The European Activation File: EAF-2010 neutron-induced cross section library

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Abstract

In the European fusion programme, safety and environmental issues are of great importance in the continuing development of power plants. In support of this programme, a sound, complete and reliable neutron-induced cross section data library is required. The European Activation File (EAF) project has been an ongoing process performed through European and world-wide co-operation that has led to the creation of succeeding EAF versions. The latest release, EAF-2010, includes cross section data for deuteron- and proton-induced reactions. As with EAF-2005 and -2007 all cross sections have an upper energy limit of 60 MeV. EAF-2010 has benefited from the generation and maintenance of comprehensive activation files and the development of the processing code SAFEPAQ-II. Cross section validation exercises against both experimental data, systematics and integral data, which were started in 1995, enable a comprehensive and multi-faceted assessment of the data. SAFEPAQ-II is used to apply a series of modifications to the original source data. A very important set of modifications concerns renormalisation and branching using experimental or systematic data. These are challenging tasks when the source contains non-threshold reactions with an energy dependent branching ratio. Although the various EAF libraries are certainly the most-validated activation-transmutation libraries in the world, currently less than 3% of all the reactions can be compared with experimental information, and sometimes then only for very limited, and not always application relevant, energy ranges.

As with EAF-2001, -2003, -2005 and -2007, results of integral experiments have been used to correct, adjust and validate data. This can be done using SAFEPAQ-II by inputting the measured effective cross sections. Validation and verification using integral data has been performed by means of direct comparison with measurements of various materials under fusion-relevant neutron spectra. Irradiations have been carried out at ENEA FNG, FZK Isochron-cyclotron, Sergiev Posad SNEG-13, TUD, Řež and JAERI FNS and integral C/E comparisons made (C/E is the ratio of the library to the experimental value). In addition available data from the literature have been collected and used. The results of these benchmarking exercises have indicated, in conjunction with differential data, where modifications to the data can be applied.

The EAF-2010 library contains 66,256 excitation functions involving 816 different targets from ^{1}H to ^{257}Fm, atomic numbers 1 to 100, in the energy range 10^{-5} eV to 60 MeV. The 3,660,206 lines that make up the point-wise file are then processed into numerous group-wise files with different micro-flux weighting spectra to meet various user needs. Uniquely, an uncertainty file is also provided that quantifies the degree of confidence placed on the data for each reaction channel.

Contents

Introduction

The European Activation File (EAF) is the collection of nuclear data that is required to carry out inventory calculations of materials that have been activated following exposure to neutrons or charged particles. Along with the inventory code FISPACT [1], EAF comprises the European Activation System (EASY) which has been developed for fusion activation studies.

One of the components of EAF is the collection of neutron-induced cross section data. The present report documents this cross section library, detailing how the library has been developed over a twenty-four year period, describing the methodology employed for its production and testing and providing an index of all the reactions. The present report forms part of the documentation for EASY, other reports cover the FISPACT code [1], SAFEPAQ-II [2] and other components of EAF [3,4,5,6].

The current release of the European Activation File, EAF-2010, contains cross section data of neutron-induced reactions for energies between 10^{-5} eV and 60 MeV. This report covers all the reactions. The library contains data for targets up to and including fermium (Z=100). A new version of the library has been produced by the SAFEPAQ-II tool, which uses data from various sources and applies a series of modifications. The choice of data sources and the basis of the modifications use the knowledge derived from previous EAF libraries as a starter. For EAF-2010 this starter knowledge was taken from the EAF-2007 file [7]. This is the sixth time that SAFEPAQ-II has been used for library development rather than the SYMPAL/SAFEPAQ tools [8,9,10] that were used for versions previous to 2001. Use of SAFEPAQ-II has enabled the efficient and comprehensive development of the new library.

The new version contains the results of a sustained effort from many laboratories and physicists world-wide. In common with the EAF-2007 library, the current library has an upper energy limit of the data at 60 MeV. New reactions have been added to this library and the file is slightly larger than the EAF-2007 release. The point-wise library has increased from 264 Mb to 275 Mb and has also gained considerably in quality and completeness. The wide range of available integral data has been used to improve the library, although this action will continue over the next year with the planned validation exercise on EAF-2010.

EAF-2010 contains data for 99 elements from H to Fm, but excludes data for the short-lived radioactive element Fr. There are 816 target isotopes, including ground, first and second isomers, which have non-zero cross sections (*i.e.* greater than 10^{-8} b) below an energy of 60 MeV. Cross sections to and from isomeric states are listed separately in a point-wise ENDF File 3 section format. This leads to a total of 66,256 reaction channels that contain data. During the creation of the library several checks were made to monitor the quality of the data. The procedures employed, forming a part of SAFEPAQ-II, are fully described in reference 2 and are summarised in Figure 1. The entire process is handled in an interactive fashion allowing new data to be input, existing data to be examined in graphical and tabular modes, modifications to be defined and validation carried out. All changes to data are automatically logged and this forms part of the quality assurance (QA) of the library.
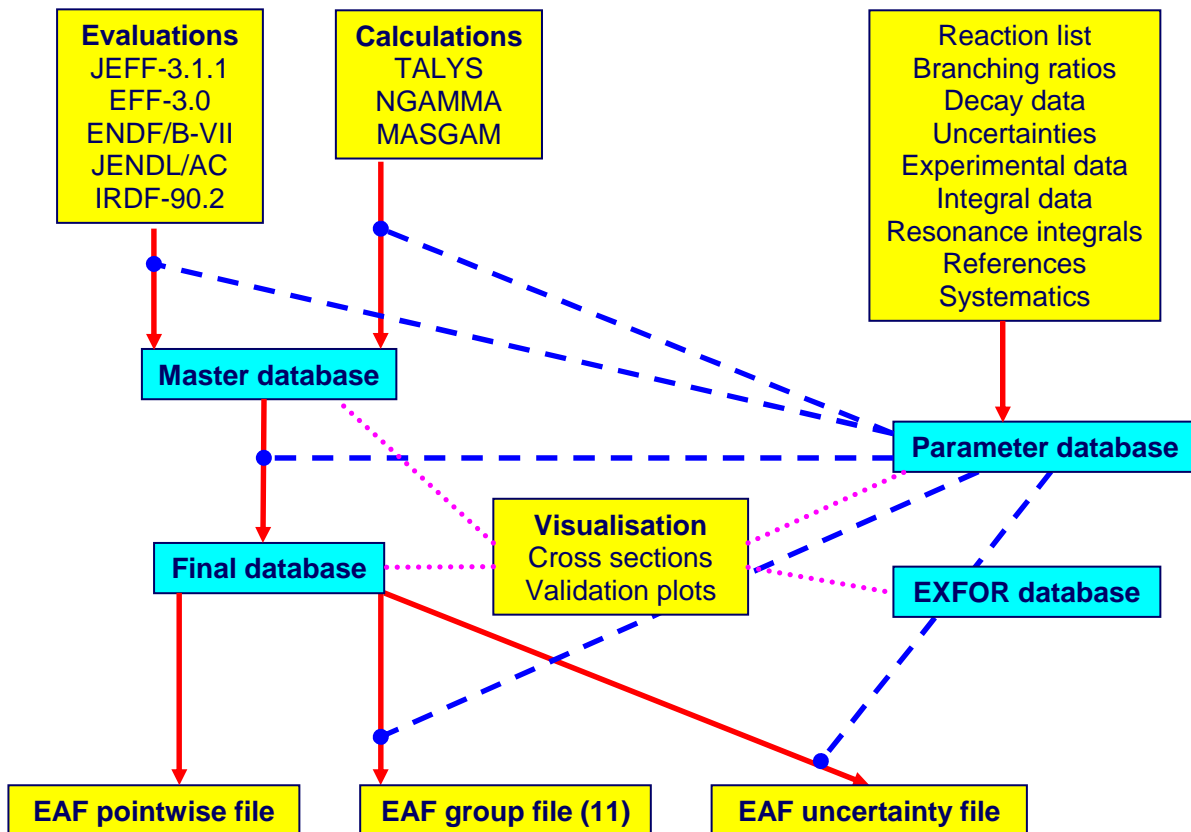
Figure 1. Flowchart of the SAFEPAQ-II processes. The arrows indicate flows of data, the dashed lines indicate that information in Parameter is required in the conversion and dotted lines show sources of data for visualisation.

Historical survey

EAF-2010 is the latest result of a large amount of work on activation data carried out world-wide. The present section puts it in its historical context, and enables references to some of this earlier work to be given. It is interesting that if we look back over the last 30 years

and survey the questions that were being addressed by the fusion community about activation of materials in fusion devices and the tools available to give answers, it is evident that while the tools are much more extensive and sophisticated, many of the concerns are rather similar.

In the UK, the data library available for activation libraries was UKCTRIIIA, while the inventory code used was ORIGEN [11].

UKCTRIIIA was produced by Jarvis [12] from the earlier UKCTRIII [13]; both these libraries were designed for fusion activation calculations. UKCTRIIIA was a multi-group library (100 group GAM-II) that covered the energy range thermal - 15 MeV. It contained 1,477 reactions on 305 targets (note that U and Pu isotopes were included), some of which were radioactive (all radionuclides with $T_{1/2} > 10$ days were considered as targets). It covered only 10 reaction types, ((n,2p) and (n,n´t) are the 'low-energy' reaction types missing). Reference 12 describes the data sources for the library, and while much of the library was from experimentally based sources, nearly 500 reactions were calculated by the simple model code THRESH [14]. The library contained isomeric states as daughters, but no long-lived isomeric states were included as targets.

In the early 1980s, ECN Petten[†] (Netherlands) was involved in work, in collaboration with JRC Ispra, on the nuclear data needs for fusion activation. Collaboration between ECN and UKAEA lead to a new library UKCTRIII-AR2 [15] which contained renormalisation of a large number of the UKCTRIIIA cross sections to experimental data at 14.5 MeV [16] or to systematics. This library was used for a series of activation calculations, but it was recognised that it was far from complete (many stable nuclides were missing, and the radionuclides considered as targets was limited), based on simple model calculations and lacked a proper treatment of isomeric states.

In 1985 Mann *et al.* produced a new activation library - REAC [17]. This substantially increased the number of reactions to about 6,000 (although the number of targets remained at about 300). This US library was made available to ECN Petten (there was a tripartite collaboration between ECN, UKAEA and Hanford, starting in about 1986, which involved sharing of data libraries). It should be noted that REAC was a point-wise library and that the data extended to 40 MeV. Another important difference from UKCTRIIIA was that reactions such as (n,t) and (n,n´d) which produce the same daughter nuclide were not lumped together. This is important if accurate calculations of gas production are to be carried out.

Library development was continued at ECN by the process of renormalisation of REAC and the addition of data for radioactive

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[†] The current name is NRG Petten.

targets. The new library was named REAC-ECN-1 [18]. The main features of REAC-ECN-1 were:

- An additional comment line was included in REAC-ECN-1. Note that REAC had a single comment line; apart from these lines both files are in ENDF/B-5, MF=3 format. The MT reaction identifiers are adopted except that for production of isomeric states, 300 (for m) or 600 (for n) are added.

- The GAM-II group format file GREAC-ECN-1 is similar to that of UKCTRIIIA except for the addition of the two comment lines. There are additional reactions so the ENDF MT numbers have been adopted, and then multiplied by 10 and the state value of the daughter added.

- The aim was to include all radionuclides with $T_{\frac{1}{2}} > 1$ day as targets, in fact all the isomeric targets and a few ground state targets were missing.

- Data values at 14.5 MeV were compared with available experimental data, and renormalized if necessary.

- The branching ratios at 14.5 MeV were checked and if no reliable experimental data were available, the branching ratio was set to 0.5.

- Systematics at 14.5 MeV were taken from Qaim [19] and Kumabe and Fukuda [20]. These were used to renormalize the data from model calculations.

Further work followed at ECN leading to the release of REAC-ECN-2 [21]. This corrected some errors and introduced new systematics. The main features are:

- The systematics of Forrest [22] were adopted for production of charged daughters.

- The isomeric branching ratio was changed from 0.5 to a value determined by systematic formulae [23,24] that depend on the isomeric state spin of the daughter nuclide. Only in the case of (n,γ) reactions did the general value of 0.5 remain.

- Isomeric targets were included; these had the same cross sections as for the ground state.

- Some additional data sources were used for checking and renormalisation at 14.5 MeV.

The next library release by ECN was REAC-ECN-3 [25]. This contained 8,466 reactions in the energy range thermal to 20 MeV. Its main features were:

- Checking and improvement of 51 important reactions which produce long-lived radionuclides.

- Addition of 6 short-lived isotopes.

At about the same time a new library, UKACT1 [26,27], was produced by UKAEA. This was based on the same REAC library, but was only available in the GAM-II group structure. It used as a starter file GREAC-ECN-1, to which were added more targets (using THRESH) so that all radionuclides with $T_{1/2} > 1$ day had data (in addition 34 nuclides with shorter half-life were included where a product formed by a single reaction is an important long-lived nuclide). Some features were:

- It included 49 first isomers and 4 second isomers as targets, and included all isomeric daughters with $T_{1/2} > 1$s.

- All targets included capture reactions (although for some radionuclides these were estimated).

- Superelastic collisions were included (these refer to (n,n') reactions from an isomeric state to the ground state).

- Checks were made to ensure that none of the standard reactions from each target were missing.

- UKACT1 contained 8,719 reactions on 625 targets.

By 1989 it was realised that it was unnecessary for such parallel library development at ECN and UKAEA to occur, so it was agreed that UKAEA would maintain the decay data library and the inventory code FISPACT, and that ECN would maintain the cross section library. UKAEA would continue to contribute to cross section development, but pass all data to ECN who would supply group libraries to UKAEA. By such collaboration an activation 'package' was developed.

This strategy led to the starter file for the European Activation File (EAF-0) [28], although it is also referred to as REAC-ECN-4 in some ECN reports. Note that this was also the first library that was assembled by the SYMPAL processing code (albeit an early version of SYMPAL with few of the features found in the final version [9]). The main improvements in EAF-0 over REAC-ECN-3 were:

- Addition of reactions on 142 targets (many of them isomers); isomeric targets had thresholds correctly different from ground state target. All targets with $T_{1/2} > 1$ day included, giving 10,787 reactions.

- (n,n') reactions improved.

- $(n,3n)$ cross sections near threshold adjusted.

- Renormalisation at 14.5 MeV improved.

EAF-1 (REAC-ECN-5) [29], was the first of the EAF series to be widely used in activation calculations following its release in March 1990. A clear statement of the EAF strategy is contained in a paper presented in late 1989 [30], the main points are:

1. Address the completeness of the library using the existing tools.

2. Provide the library with a simple but complete uncertainty file.

3. Carry out uncertainty estimation and sensitivity studies which will provide feedback on the quality of important reactions.

4. Wherever possible, improve the quality in general using more advanced model codes.

The main features of EAF-1 were:

- The number of targets was increased by demanding that all radionuclides with $T_{1/2} > 0.5$ day had data.

- Improvement of low-energy data, particularly for the (n,γ) and (n,n´) reactions.

- Inclusion of a provisional uncertainty file for important reactions covering the energy range thermal to 20 MeV.

- Use of more high quality evaluated files (*e.g.* from the JEF libraries).

- Special evaluations for 101 important reactions [30] to both long- and short-lived nuclides included.

The main emphasis for EAF-2 [31,32,33], which was released in May 1991, was to carry forward the EAF-1 improvements with special emphasis on the (n,γ) reactions. The main features were:

- 11,855 reactions on 699 targets.

- Use of some data from the international dosimetry file IRDF-90.

- Use of error factors derived from systematics [22] to assess the uncertainties for most of the reactions.

- Use of new data for renormalisation at 14.5 MeV.

- Group libraries in both GAM-II (100 groups) and VITAMIN-J (175 groups).

EAF-3 [34,35] was released in May 1992, the main features were:

- 12,899 reactions on 729 targets.

- Addition of 60 targets in the actinide range (At - Cm), the cross section data including the fission channel.

- Uncertainty file for all reactions in a 1 group (threshold reactions) and 2 groups (non-threshold reactions) structure.

- (n,p) and (n,α) reactions with positive Q-values were inspected and revised in the thermal region.

- (n,2p) reactions calculated by THRESH were inspected and revised in the 14.5 MeV region.

- Use of more evaluated data (from EFF-2, ENDF/B-VI and JEF-2).

- Improvements in the (n,γ) data [36,37], including addition of the pre-equilibrium component at high energies if absent.

- Use of energy dependent isomeric branching ratios for (n,γ) reactions.

- Check of EAF values with experimental data at three energies (0.0253 eV, 30 keV and 14.5 MeV).

EAF-3.1 was released in mid 1993; apart from the correction of minor errors the cross section library remained the same as EAF-3, the major change was in the uncertainty file [38]. This was substantially improved, but the format remained the same.

EAF-4 [39] was released in March 1995, its main features were:

- 13,096 reactions on 734 targets.

- Addition of 25 higher actinide targets (Ra - Fm).

- Replacement of many of the data generated by THRESH with either new evaluations or superior calculations.

- Improvement of the capture reactions, especially the energy dependent isomer ratio.

- Additional comparison and renormalisation to experimental data at 14.5 MeV.

- Branching ratio systematics were improved for threshold reactions.

- Use of all available evaluated data from EFF-2.4, IRDF-90, JEF-2.2, ENDF/B-VI and JENDL-3 libraries. Use of data from the activation file ADL-3 [40].

- Special care was taken with the reactions identified as particularly important for the ITER project [41].

- The uncertainty file contained more information for (n,γ) and (n,f) reactions. These were given in three groups rather than the two groups used previously. More experimental uncertainties were used to replace the generic values adopted from systematics.

- The group-wise library was made available in two additional group structures - WIMS (69 groups) and XMAS (172 groups).

- The ability to calculate sequential charged particle reactions in FISPACT was due to new EAF libraries developed at FZK. See the FISPACT-2007 user manual [1] for details of these libraries.

EAF-4.1 [42] was released in June 1995. This version was the last processed at ECN Petten. It corrected various errors introduced into EAF-4.0 during processing. EAF-4.1 contained 12,976 reactions on 736 targets. Note that for distribution to users only the group-wise libraries are released, these only contained data for targets H - Cm, the higher actinide data only appearing in the point-wise library.

Work over the period 1995-1996 was devoted to the installation of SYMPAL at UKAEA and the further development of SYMPAL, SAFEPAQ and EAF that enabled the production of the IAEA FENDL/A-2.0 [43] library.

EAF-97 [44] was released in the summer of 1997. It contained data for 12,469 reactions on 766 targets. Many new data sources and experimental data [45,46,47,48,49,50,51,52,53] were used in its production. Special emphasis was put on improving the actinide data and the capture data [54]. However, erroneous interpolation laws were spotted when comparing plots of ENDF against PENDF and point-wise data against group-wise files [55]. It was decided to modify EAF-97 to correct the interpolation laws and EAF-97.1 was produced in January 1998. The corrections led to the modification of the interpolation law for 353 reaction channels in the point-wise file.

During the period 1998 - 1999, extensive data validation work was carried out. This contributed to the release of EAF-99 [56] at the beginning of 1999. It contained 12,468 reactions on 766 targets and while covering the same reactions as EAF-97.1 benefited from the large amount of integral data generated as part of the European Fusion Technology programme. About 750 reactions were significantly modified based on the integral data and experimental data from EXFOR. New data sources that were available include the Russian dosimetry file (RRDF) and helium production library (HEPRL-96) [57], individual evaluations from IRK Vienna [58] and data corrections from LANL [59].

General improvements in the $1/v$ region for non-threshold reactions, additional calculations using NGAMMA, review of the (n,f) reactions and improvement of the uncertainty file were also areas of improvement in EAF-99.

Beginning in 1998 work started on the development of a new data evaluation and processing tool. This was designed to replace SYMPAL and SAFEPAQ and to use modern computer technology. SAFEPAQ-II [60] was designed from scratch using relational databases and interactive graphics. It runs on the various Windows operating systems and thus has the advantage of portability (it has

been installed at JUKO Research and CEA Cadarache) and of an automatic logging system that enables good quality assurance (QA) to be achieved. It is based on the ideas of SYMPAL and SAFEPAQ, but extends them and makes them more robust. A stable version was available in 2000 and it was used in the production of EAF-2001.

EAF-2001 [61,62] was produced in March 2001, although a maintenance release was also distributed in December 2001. It contained 12,470 reactions on 766 targets and benefited from the large amount of integral data generated as part of the European Fusion Technology programme. About 135 reactions were significantly modified based on the integral data and experimental data from EXFOR. New data sources that were available include the IRK evaluations of ^{58}Ni [63] and ^{60}Ni [64] and calculations by Mengoni [65] on light nuclides. A new systematic for (n,γ) at 30 keV was used. The use of integral data to improve the activation libraries was becoming increasingly important. EAF-2001 was the first to have a formal validation report [66,67] bringing together all the currently available integral data in the form of effective cross sections and comparing these with the library values.

New data sources, experimental and integral data were all incorporated in SAFEPAQ-II and the system was developed and tested further during 2001-2002; the outcome of this work, in respect of the neutron-induced cross section library, was the release of EAF-2003 [68]. It contained 12,617 reactions on 774 targets, and the most significant improvement resulted from to the comparison of integral data with EAF-2001 [66]. A new systematic for (n,n´α) was used [66], an improvement on the approximation used in earlier libraries. Several new data sources [69,70,71,72,73] were available for data selection. Considerable effort was spent on the (n,γ) channel, including the representation of missing resonances by the Single Resonance Approximation (SRA) [2] for about 80 reactions. Reactions on actinide targets was another area of improvement, including SRA for (n,f) reactions on five targets and changes of data source. About 77% of the actinide target reactions were modified using SAFEPAQ-II. Another innovation for EAF-2003 was a Quality score for each reaction indicating the experimental support for the reaction due to both differential and integral data.

Although the EAF format is very convenient for use in activation codes such as FISPACT, there are advantages to having data in a standard ENDF format. To answer this need EAF-2003 was converted to ENDF format and in this format was also adopted as the activation file for JEFF-3 [74]. The reasons for the conversion into ENDF-6 format are threefold. First, it significantly enhances the JEFF-3 release by the addition of an activation file. Second, to considerably increase its usage by using a recognized, official file format, allowing use of existing processing codes and third to move towards a

universal nuclear data file in contrast to the current separate general and special purpose files. The format chosen for the JEFF-3.0/A file uses reaction cross sections (MF-3), cross sections (MF-10) and multiplicities (MF-9). Having the data in ENDF-6 format allows the ENDF suite of utilities and checker codes to be used alongside many other utility, visualizing and processing codes. By the change of format the scope of application is widened from fusion to include fission, dosimetry, inventories, depletion-transmutation and geophysics. The next step is to include the EAF uncertainty data for all channels into JEFF-3.0/A

All EAF libraries up to EAF-2003 have data in the energy range up to 20 MeV. This value is sufficient for activation calculations in fusion devices, but an increasingly important concern is the design of the IFMIF materials test facility. IFMIF [75] is an accelerator-based d-Li neutron source that will give a neutron spectrum with a high-energy tail up to about 55 MeV. In order to include such high energy neutrons in activation calculations it was necessary to extend the energy range of the EAF libraries. This was a major task, and prior to the production of the EAF-2005 library, there was a test library, EAF-2004 [76], produced to demonstrate the various methods, that was not distributed to users. Further information on this 'proof-of-principal' library is available in reference 77.

EAF-2005 [78,79] was released at the beginning of 2005. As mentioned above it was a significantly larger file than previously released as the pointwise data extended to 60 MeV (and the groupwise data to 55 MeV). It contains data for 62,637 reactions on 775 targets. The library size was 254 MB (compared to 128 MB for EAF-2003). It had been demonstrated in the production of the EAF-2004 test file that it was feasible to retain the existing EAF methodology. Specifically reactions continued to be described by MT numbers rather than the production of various amounts of daughter nuclides. Additional (non-ENDF standard) MT values were defined with the consequence that 86 reaction types were used in EAF-2005 compared to the 23 previously.

For reactions present in EAF-2003 it was decided to extend the data by using data generated with the TALYS model code [80] by A. Koning with global parameters. SAFEPAQ-II did this task automatically, renormalizing the high energy data so that it fitted smoothly with the EAF-2003 data at 20 MeV. In some cases the necessary data were not available from TALYS, in which case other data were used. Secondly, reactions not present in EAF-2003 but with threshold below 60 MeV and values above a minimum (1 μb) were added to the reaction list. Another consequence of the extended energy was the need to extend the number of uncertainty groups so that non-threshold reactions had four while threshold reactions had one or two depending on the threshold energy.

A number of new data sources were available:

- Evaluations by the CEA Bruyeres le Chatel on Eu [81] and Rh [82] isotopes, [151]Sm and [238]U [83].
- The latest release of the US library, ENDF-B/VI release 8.
- The preliminary release of the US library, ENDF-B/VII.
- The intermediate energy library IEAF-2001 [84].
- The European JEFF-3.0 library [85].
- Maslov data for actinides [86].
- Calculations by V. Avrigeanu *et al.* for Mo isotopes [87].
- The calculated library NRG-2003 prepared using TALYS [88].
- The calculated library TALYS-5 prepared by A.J. Koning covering the same range of targets as EAF.

The fivefold increase in the number of reactions meant that it was inevitable that some errors were present in EAF-2005. These become apparent during the integral validation and after investigation with the new method of statistical analysis of cross sections (SACS) which is described in detail in a later section. Consequently data for 250 reactions were changed and a maintenance release, EAF-2005.1 was distributed at the beginning of 2006. This also contained a preliminary deuteron-induced cross section library [89].

EAF-2007 [7] was released at the beginning of 2007. It was produced as the second generation of the high energy version of the activation file, extending to 60 MeV, and so benefited from the user feedback from the first release. The library extension to higher energy was tested thoroughly, demonstrating its usefulness and allowing much needed scooping studies to be carried out in the high energy region. It contains data for 65,565 reactions on 816 targets, the library size was 264 MB. The new data sources available were:

- The latest beta release of the US library, ENDF-B/VII.
- The European JEFF-3.1 library [121].
- Calculations by V.Avrigeanu et al. for [181]Ta and Hf isotopes [177].
- The calculated libraries TALYS-6 and TALYS-6a prepared by A.J. Koning.
- Evaluations by P. Pererslatsev et al. for W isotopes [178].
- The dosimetry library IRDF-2002 released by the IAEA [179].
- The JENDL high energy file [180]
- Files produced by the WPEC subgroup 23 for fission products [123].

Further discussion on the methods used to produce the EAF-2010 library are given in later sections along with description of new data sources used in EAF-2010, such as the inclusion of new TALYS-derived data and experimental data.

Calculational tools

The preferred source of cross section data is one of the evaluated files. However, for many nuclides (especially radioactive ones) no such source is available and cross sections must be calculated. The code THRESH [14] has been mentioned in the previous section and this was widely used in earlier versions. Another simple model code, suitable for mass-production runs, EXIFON [90], has been also used in earlier EAF versions for the threshold reactions (n,2n), (n,3n), (n,p) and (n,α). Both codes are however, very unsophisticated and a wider range of tools are now preferred. In fact only two reactions remain from EXIFON, the rest have been changed in EAF-2010 to use data calculated with the TALYS code.

Many of the older neutron-capture codes (FISPRO, MASGAM [91], MASGAM+SIG-ECN and NGAMMA [92]) are still applicable and results from them still used for some for (n,γ) reactions. NGAMMA was used for many reactions in EAF-2001, -2003, -2005, -2007 and is still used for some reactions in EAF-2010, although as improvements are made to the data TALYS data are being increasingly used. The NGAMMA code is described below for completeness.

Two approximations applied in the low energy resonance region for reactions with no threshold (such as (n,γ), (n,f), (n,p) and (n,α)) are outlined below. The Single Reaction Approximation (SRA) is described in an appendix of the SAFEPAQ-II manual [2]; its ability to describe resonance integrals is demonstrated below. The Low Energy Approximation (LEA), used for (n,p) and (n,α) reactions is also described.

The main calculational tool now is the code TALYS [80], which was first used to a limited extent for EAF-2003, but which has become of major importance for the new high-energy data above 20 MeV. For EAF-2010 the results of global calculations with TALYS code, labelled as the TALYS-6 and TALYS-6a data sources, have been used by default for all threshold reactions where there are no experimental data below 20 MeV. For such reactions renormalisation to systematics is only applied for a limited number of (n,p) and (n,α) reactions. As noted above data from these sources are used to provide data for all reactions with thresholds above 20 MeV. In general, for an increasing number of reaction channels, TALYS is now also used for data below 20 MeV. The TALYS code is also decribed below. The TALYS code is also described below.

NGAMMA

NGAMMA is based on the spherical optical model, the Hauser-Feshbach formula with width fluctuation correction, the exciton model [93] and the unified model [94] in which equilibrium and pre-

equilibrium emission mechanisms are unified and angular momentum conservation is taken into account. This exact treatment of pre-equilibrium processes replaces the approximation by systematics as applied in MASGAM. Besides the radiative capture channel the code also handles the competing particle emissions, including neutrons, protons and alphas. The possibility to renormalize the calculation to experimental data or to systematics is maintained.

The main input parameters are:

- **E1, M1 and E2 strength function models and giant resonance parameters**. The generalized Lorentzian formulation [95] has been adopted for the E1 resonance, except for deformed nuclei in the mass range above A = 150, for which the classical Lorentzian was used (based on conclusions in references 96 and 97). The giant E1 resonance parameters have been taken from a recent report [98] and checked against the very recent compilation of Varlamov [99]. If the experimental data on the E1 giant resonance were missing, the value from the neighbouring target has been extrapolated. The spin-flip M1 resonance has been adopted for M1 radiation with the standard parameterization [95], the cross section σ_0 has been renormalized against the systematics (for details see reference 92). The single-particle model is used for E2 radiation.

- **Optical model**. Standard global neutron optical model parameters of Moldauer [100], Wilmore-Hodgson [100], Buck-Perey [101,102] and Uhl [103] have been tested on several nuclei ranging from A = 90 - 205 and the parameters of Uhl, giving the best results, were finally adopted for calculations.

- **Discrete levels and level density**. Discrete levels have been taken from corresponding compilations published in Nuclear Data Sheets. The newly evaluated set of BSFG (back shifted Fermi gas) level density model parameters of the Beijing group (recommended by the IAEA RIPL/CRP) [104,105] have been used. In cases where no data were available, an extrapolated estimate from systematics was applied.

SRA

The Single Resonance Approximation was introduced in EAF-2003. The physical idea was to represent the large thermal cross section (> 10 b) of some reactions by one strong resonance superimposed on a $1/v$ background. The advantage of this method is the possibility it gives to reproduce the resonance integral in a better way than the $1/v$ component alone. A full description of the method is given in Appendix 5 of the SAFEPAQ-II user manual [2].

LEA

The Low Energy Approximation (LEA) is a method of adding resonance data to (n,p) and (n,α) reactions based on the resonances in the (n,γ) file. A full description of this method is given in Appendix 6 of the SAFEPAQ-II user manual [2].

TALYS

TALYS [80, 170] is a computer code system for the prediction and analysis of nuclear reactions. TALYS simulates reactions that involve neutrons, gamma-rays, protons, deuterons, tritons, helions, alpha-particles and fission, in the 1 keV - 200 MeV energy range and for target nuclides of mass 12 and heavier. This is achieved by implementing a suite of nuclear reaction models into a single code system. It enables the evaluation of nuclear reactions from the unresolved resonance region up to intermediate energies. Generally TALYS can be used in two distinct ways:

- Carry out a very detailed calculation with various adjusted parameters and choices for nuclear models, so that specific experimental data for one target nucleus are reproduced.

- For the large scale, default calculations for many nuclides, in which case adjustment to experimental data is impossible or, for the moment, not practical.

While the first method is generally used for detailed isotopic evaluations, it is clear that for activation libraries with many thousands of reactions the second method must be used.

All results are created using a script which runs TALYS with default input parameters. This means that the data from such a calculation have not been tested against individual experimental data for each isotope, therefore they are only as good as the global parameters available as input to the TALYS code.

The main nuclear models and methods used in TALYS are:

Optical model calculations are performed with the optical model potentials (OMP) of Koning and Delaroche [106]. For ***compound***

nucleus reactions the model of Moldauer, i.e. the Hauser-Feshbach model corrected for width fluctuations, is used.

Coupled-channels calculations are automatically invoked when a coupling scheme is available. For the *level density*, the composite formula proposed by Gilbert and Cameron, consisting of a constant temperature law at low energies and a Fermi gas expression at high energies is applied.

Energy-dependent *shell effects* are included. Gamma-ray *transmission coefficients* are generated with the Kopecky-Uhl generalized Lorentzian for strength functions. For *pre-equilibrium* reactions, which become important for incident energies above about 10 MeV, the two-component exciton model is used. Multiple pre-equilibrium emissions up to any order of particle emission is included.

Further details on TALYS and how to obtain it can be found at the website www.talys.eu.

The Master database

The library development tool SAFEPAQ-II contains several relational databases that contain data required in the construction of the EAF libraries. The Master database contains data for each required reaction taken from the original data sources, in cases where the reaction is split but the original data are for the total, the total is used for each split reaction. The data thus require many modifications to be carried out systematically before they can be used in EAF. Each original data source was converted into a source database and it is the entries in the source databases that are selected and used in Master.

The sequence of modifications that is applied to Master in the process of producing the Final database is fully described in the SAFEPAQ-II User manual [2]. These include the checking of *Q*-values and thresholds, identification of reactions with suspect interpolation laws and removal of data points above 60 MeV. The branching and renormalisation are largely automatic, using data in the tables of the Parameter database. This contains all the relevant decay data extracted from the EAF decay data library such as isomeric spins. Spins are required during the branching process and SAFEPAQ-II automatically ensures that these are consistent in the decay and cross section libraries.

The original data in Master are not changed in any way; all modifications are applied to a copy held in Final. This means that the Master data are available at any time to be visualised; they can be compared with EXFOR data, other data sources and with Final data as the various modifications are progressively applied. If a new data source is required for a particular reaction there are tools available in

SAFEPAQ-II to change the source in Master, create the modifications and apply these to generate the Final data.

The Parameter database

The Parameter database contains all the information that describes a particular version of an EAF library. The list of reactions and their sources that is included in the library, the list of nuclides, their sources and properties and the set of experimental information that can be used to renormalize or split a particular cross section. These values are stored in a series of tables that are described fully in reference 2, but the most important are listed below to show the range of data.

- Energy boundaries of the group schemes.
- Systematic branching ratios as a function of spin.
- Decay data for all nuclides.
- Systematic error factors for reaction types.
- Experimental data at 25.3 meV, 30 keV and 14.5 MeV.
- Integral data in various neutron spectra.
- Log of all data changes.
- Pre-modifications and modifications.
- List of nuclides contained in libraries.
- List of reactions contained in libraries.
- Literature references.
- Resonance integral data.
- Neutron spectra data.
- Cross section systematics.
- Summaries of data in Final.
- Uncertainty data.
- Nuclide masses from Wapstra.
- Known biological hazard, A_2 and clearance values.
- Details of the progress of library processing.

Cross section systematics

Cross section systematics at various energies are algebraic formulae derived from the analysis of experiments that provide a type of 'semi-experimental' information. They can be used to judge the quality of calculated or evaluated excitation curves and where experimental data are absent can also be used for renormalization. Work on testing of EAF-2007 and EAF-2010 using the SACS methodology has led to new insights on the validity of the systematics. Some of the basic observations and recommendations are listed below:

14.5 MeV systematics - If the 14.5 MeV energy range is close to or at the maximum of the excitation curve, σ_{sys} can be safely used for validation as well for the SAFEPAQ-II renormalization modifications

(RN-SYS). However, for many reaction channels for heavier mass targets or for targets with large asymmetries, the 14.5 MeV energy range is in the beginning of the steeply raising part of the excitation curve and in such cases σ_{sys} should be used only for comparison with the library data but never for renormalization. Based on this argument, the following recommendations are made concerning restrictions for renormalization of the major reactions channels:

- (n,2n), (n,n′p) and (n,γ) for all masses,

- (n,p) and (n,α) reactions for targets with $A > 130$ should always be checked against the $\sigma_{max}(s)$ SACS analysis,

- (n,d) reaction only for targets with $s \le 0.1$

- (n,n′α), (n,t), (n,h) and (n,2p) not at all.

30 keV (n,γ), 3 MeV (n,n′) and 20 MeV systematics can be used only as indicative information for eventual modifications. The uncertainty factors of these systematics are large ($\ge 100\%$).

Use of RN-SYS in EAF-2010 – The usage of this modification for EAF-2010 was less than in previous libraries. It was also used selectively for a large number of (n,p) and (n,α) reaction data in order to decrease the slight systematic overestimation noted in the TALYS calculations. Again, this was always done in combination with the $\sigma_{max}(s)$ SACS analysis.

14.5 MeV systematics

The SAFEPAQ-II code contains information on the systematic formulae at 14.5 MeV; these are listed below for reference.

In the formulae below, *s* is the asymmetry parameter of the target nuclide = $(N\text{-}Z)/A$ and all the cross sections are in mb. Note that the (n,2p) formula was new for EAF-2001 and the (n,n′α) formula was new for EAF-2003. Starting with EAF-2005, SAFEPAQ-II contains the option to use either the standard or an alternate set of systematics for the (n,n′p+d) and (n,t) reactions. This is noted below where the alternate formula is given. The standard formula can be found in the EAF-2003 report [68].

(n,p)

The systematics of Forrest [22] and Doczi *et al.* [107] are used:

$$\sigma_{np} = 7.657(A^{1/3} + 1)^2 \exp(-28.80s - 59.24s^2 + 0.2365A^{1/2})\, Z \ge 40$$
$$\sigma_{np} = 23.659(A^{1/3} + 1)^2 \exp(-23.041(s + s^2)) \qquad\qquad Z < 40$$

(n,α)

The systematic of Majdeddin *et al.* [108] is used:

$$\sigma_{n\alpha} = 15.0678(A^{1/3}+1)^2 \exp(-27.55(s+s^2))$$

(n,d+n′p), (n,d) and (n,n′p)

The systematics of Forrest [22], Kopecky [109] and Konobeyev [110] are used:

For light nuclei: ($s \le 0.125$)

$$\sigma_{nd} = 9.94\exp(-0.11s)$$
$$\sigma_{nnp+d} = 900.9(A^{1/3}+1)^2\{1-0.4828\tanh(\xi+1)\}\exp(-52.3s-135.7/A)$$

For heavy nuclei: ($s > 0.125$). Note that for σ_{nd} the alternate form is shown.

$$\sigma_{nd} = 53.066(A^{1/3}+1)^2 A^{-1/3}(-1.912s+0.011134Z/A^{1/3}+0.30797)^3$$
$$\sigma_{nnp+d} = 900.9(A^{1/3}+1)^2\{1-0.4828\tanh(\xi+1)\}\exp(-52.3s-135.7/A)$$

ξ is the difference between the proton and neutron separation energies.

Finally σ_{nnp} is for both cases calculated as $\sigma_{nnp} = \sigma_{nnp+d} - \sigma_{nd}$

If this formula has a value less than or equal to zero then the following alternative is used:

$$\sigma_{nnp} = 0.1\sigma_{nd}$$

(n,t)

The systematic of Konobeyev [110] is used; note the units are µb and that the alternate form is shown:

$$\sigma_{nt} = 53066(A^{1/3}+1)^2 A^{-1/3} (-0.35627s+0.0045118ZA^{-1/3}+0.047995+\Delta)^3$$

with $\quad \Delta = 0$ for even-even target nuclei,

$$\Delta = 4.7774A^{-3/4} - 1.0881A^{-1/2} \quad \text{for odd } A \text{ target nuclei and}$$
$$\Delta = 9.5548A^{-3/4} - 2.1762A^{-1/2} \quad \text{for odd-odd target nuclei.}$$

(n,n′d)

An approximate value is used; note that the standard form for (n,t) is used:

$$\sigma_{nnd} = 0.1\sigma_{nt}$$

Thus using the formula given in reference 68:

$$\sigma_{nnd} = \begin{cases} 0.1516(A^{1/3}+1)^2 \exp(-24.35s+0.2670A^{1/2}), & A \text{ even} \\ 440.21\exp(-20.509s), & A \text{ odd} \end{cases}$$

(n,h)

The systematic of Lishan *et al.* [111] is used, note the units are μb:

$$\sigma_{nh} = 0.75(A^{1/3}+1)^2 \exp(-11.338s)$$

(n,n′)

The systematic of Vonach [24] is used. This is held as a table of values for various isomeric spins, and no analytic formula is presented.

(n,γ)

The systematic of Kopecky *et al.* [29] is used:

$$\sigma_{n\gamma} = 1.18 - 1.13\exp(-0.01338A)$$

(n,2n)

The systematic of Badikov *et al.* [114] is used, note that this is only valid if $A \le 210$:

$$\sigma_{n2n} = 47.015(A^{1/3}+1)^2(1-3.9777\exp(-24.116s))$$

(n,2p)

The systematic of Kopecky [61] is used, note the units are μb:

$$\sigma_{n2p} = 48.49\exp(-2.99s)$$

Note that recent experimental data suggests that most previously available data were upper estimates and thus the systematic is overestimated. Consequently it was not used for renormalisation in EAF-2007, but was still used for validation.

(n,n′α)

The systematic of Kopecky [68] is used:

$$\sigma_{nn\alpha} = 17.48\exp(-24.2s)$$

3.0 MeV systematics

(n,n´)

The systematic of Shimizu *et al.* [112] is used:

$$\sigma_{nn'} = (A^{1/3}+1)^2 \exp(-0.110\Delta^2 + 0.0.686\Delta + 4.21)$$

where Δ is the difference between the isomer and ground state spins $(J_m - J_g)$. This systematic was introduced in EASY-2007.

20.0 MeV systematics

The systematics of Konobeyev [110] are used and can be applied for $A > 40$ target nuclei. They have been obtained on the basis of calculated cross sections for 245 stable nuclei with $40 < A < 209$.

(n,n´p)

$$\sigma_{nnp} = 53.066(A^{1/3}+1)^2\{A^{-1/3}(-2.7098(s+1.5/A)+0.67115)^2 +$$
$$+ \exp[-496.74(s+1.5/A)^2 + 48.162(s+1.5/A) - 1.6714]\}$$

(n,p)

$$\sigma_{np} = 53.066(A^{1/3}+1)^2 \exp[-47.384(s+1/A)^2 - 2.3294(s+0.5/A) -$$
$$- 0.10405Z/A^{1/3} - 2.3483] \text{ if } Z<50$$
$$\sigma_{np} = 53.066(A^{1/3}+1)^2(-1.2477(s+1/A)+0.4087)^3 \text{ if } Z \geq 50$$

(n,d)

$$\sigma_{nd} = 53.066(A^{1/3}+1)^2 A^{-1/3}(-1.3107s + 0.0019167Z/A^{1/3} + 0.48491)^3$$

(n,t)

Note the units are µb,

$$\sigma_{nt} = 53066(A^{1/3}+1)^2 A^{-1/3} (-0.1506s + 0.000306ZA^{-1/3} + 0.19566 + \Delta)^3$$

with $\Delta = 0$ for even-even target nuclei,

$$\Delta = 0.89317A^{-3/4} - 0.10839A^{-1/2} \text{ for odd } A \text{ target nuclei and}$$
$$\Delta = 1.78634A^{-3/4} - 0.21678A^{-1/2} \text{ for odd-odd target nuclei.}$$

(n,α)

$$\sigma_{n\alpha} = 53.066(A^{1/3}+1)^2 \exp[-37.317(s+1/A)^2 - 7.2027(s+0.5/A) -$$
$$- 0.22669Z/A^{1/3} - 2.027] \text{ if } Z<50$$

30.0 keV systematics

The SAFEPAQ-II code contains information on the systematic formula at 30 keV for the (n,γ) reaction, this was a new systematic for EAF-2001 derived by Kopecky. Details of its derivation are presented in reference 61 and 172.

(n,γ)

The systematic of Kopecky is used:

$$\sigma_{n\gamma} = C_1 (aU)^{C_2}$$

Values of *a* are stored in a table in the Parameter database for various values of number of neutrons (*N*). *U* is defined in terms of the *Q*-value and the pairing energies by $U = Q(n,\gamma) - P(Z) - P(N)$. The pairing energies are given in the same Parameter table. Values of the fitting parameters C_1 and C_2 depend on whether the number of protons (*Z*) is odd or even.

$C_1 = 8.236 \times 10^{-8}$, $C_2 = 4.827$ *Z* odd

$C_1 = 6.995 \times 10^{-7}$, $C_2 = 4.287$ *Z* even

Non-elastic systematic

The SAFEPAQ-II code contains information on the systematic formula for the non-elastic cross section for incident neutrons with energies between 1 and 50 MeV.

In the formula below, *A* is the target mass, *E* is the neutron energy in MeV and the cross section is in mb. Note that this formula was new for EAF-2005.

The systematic of Chatterjee *et al.* [113] for $1 \le E \le 50$ MeV is used:

$$\sigma_{nonel} = (31.05A^{-1/3} - 25.91)E + 342A^{1/3} + 21.89A^{2/3} + (0.223A^{4/3} + 0.673A^{2/3} + 617.4)/E$$

Error factors

Related to the systematic formulae are values of the error factor (*f*) which quantify how well the systematic fits the experimental data. The error factor derived from the systematics is used in the generation of the uncertainty file if no experimental data are available. Table 1 lists the error factors used in SAFEPAQ-II. Several factors have been reduced (indicated by *) for this EAF-2010 release in comparison with EAF-2007.

Table 1. Error factors derived from systematics.

Reaction	Systematic	Error factor (*f*)
(n,n′)	Vonach [24]	2.0
(n,2n)	Badikov [114]	1.4
(n,3n)	Estimate	1.8*
(n,4n)	Estimate	2.0*
(n,n′α)	Estimate	2.0*
(n,d)	Forrest [22]	2.0*
(n,n′p)		2.0
(n,t)+(n,n′d)	Forrest [22]	1.6
(n,n′t)	Estimate	3.0*
(n,n′h)	Estimate	3.0*
(n,f)	Estimate	2.0
(n,γ)	Kopecky [29]	1.5
(n,p)	Forrest [22]	1.5
(n,h)	Lishan [111]	1.9
(n,α)	Madjdeddin [108]	1.6
(n,pα)	Estimate	3.0
(n,2p)	Estimate	3.0
(n,n′2p)	Estimate	3.0
(n,2α)	Estimate	3.0
(n,3α)	Estimate	3.0
(n,2np)	Estimate	3.0
(n,2nd)	Estimate	3.0
(n,pd)	Estimate	3.0
(n,pt)	Estimate	3.0
(n,dα)	Estimate	3.0
(n,3nα)	Estimate	3.0
(n,3n′p)	Estimate	3.0
(n,n′2α)	Estimate	3.0
(n,d2α)	Estimate	3.0
(n,t2α)	Estimate	3.0
(n,n′3α)	Estimate	3.0
(n, n′d2α)	Estimate	3.0
(n, n′t2α)	Estimate	3.0
(n,2n2α)	Estimate	3.0
(n,2n′α)	Estimate	3.0
All remaining 'high-energy' reactions	Estimate	3.0

*modified error factor in EAF-2010

Branching ratio

The splitting of a total cross section between isomeric daughters is a major data adjustment task carried out by SAFEPAQ-II. If at least two experimental values are available at 14.5 MeV (out of a total of three:

σ_{tot}, σ_g and σ_m), then the branching ratio can be deduced and applied to the total cross section.

Table 2. Branching ratio ($b = \sigma_m/(\sigma_g + \sigma_m)$) as a function of the isomeric state spin (J_m).

J_m	Single-particle emission at 14.5 MeV	(n,γ) reaction at 0.0253 eV	Multi-particle emission at 14.5 MeV
0	1.90E-01	4.20E-01	1.40E-01
0.5	2.40E-01	5.00E-01	2.00E-01
1	3.10E-01	6.00E-01	3.10E-01
1.5	3.90E-01	7.00E-01	4.40E-01
2	4.80E-01	8.00E-01	6.00E-01
2.5	7.50E-01	7.50E-01	7.70E-01
3	6.70E-01	6.90E-01	7.50E-01
3.5	6.70E-01	4.90E-01	7.50E-01
4	6.40E-01	3.50E-01	7.20E-01
4.5	6.00E-01	2.50E-01	6.70E-01
5	5.20E-01	1.80E-01	6.20E-01
5.5	4.40E-01	1.30E-01	5.60E-01
6	3.80E-01	9.60E-02	5.00E-01
6.5	3.00E-01	6.20E-02	4.40E-01
7	2.20E-01	4.00E-02	3.90E-01
7.5	1.60E-01	2.50E-02	3.30E-01
8	1.10E-01	1.60E-02	2.80E-01
8.5	7.50E-02	1.00E-02	2.30E-01
9	5.00E-02	6.20E-03	1.90E-01
9.5	3.40E-02	3.80E-03	1.55E-01
10	2.20E-02	2.30E-03	1.15E-01
10.5	1.40E-02	1.50E-03	9.00E-02
11	9.00E-03	9.50E-04	6.70E-02
11.5	6.00E-03	6.30E-04	4.80E-02
12	4.00E-03	4.00E-04	3.40E-02
12.5	2.60E-03	2.40E-04	2.30E-02
13	1.70E-03	1.60E-04	1.60E-02
13.5	1.10E-03	1.00E-04	1.10E-02
14	6.80E-04	6.70E-05	7.80E-03
14.5	4.80E-04	4.20E-05	5.00E-03
15	3.00E-04	3.00E-05	3.30E-03
15.5	1.80E-04	1.80E-05	1.90E-03
16	1.20E-04	1.20E-05	1.00E-03
16.5	7.68E-05	7.58E-06	8.03E-04
17	4.93E-05	4.99E-06	5.09E-04
17.5	3.17E-05	3.25E-06	3.19E-04
18	2.04E-05	2.13E-06	2.00E-04
18.5	1.32E-05	1.39E-06	1.26E-04
19	8.47E-06	9.14E-07	8.08E-05
19.5	5.42E-06	5.81E-07	5.12E-05

J_m	Single-particle emission at 14.5 MeV	(n,γ) reaction at 0.0253 eV	Multi-particle emission at 14.5 MeV
20	3.52E-06	3.83E-07	3.35E-05

In cases where no experimental information on cross sections to ground or isomeric state is available, branching ratio systematics are used. The original systematics of neutron-induced isomer cross section ratios at 14.5 MeV [23], based on simplified GNASH calculations have been revised. This revision was based on recent experimental data and results of model calculations [115,116,117]. It is applied to all threshold reactions at 14.5 MeV. The new recommended values are listed in columns 2 and 4 of Table 2.

In order to account more accurately for the specificity of the branching ratio for radiative capture (thermal and resonance regions) and its strong energy dependence, the following approach has been adopted. Two branching ratios, one for the thermal and resonance range (b_L) up to energy E_H (end of resolved resonance range) and one for the high-energy range (b_H), have been adopted.

For the low-energy range all available experimental data at thermal energies were used and the derived branching ratio was assumed representative for this energy range. Further systematics have been derived from these data by a simple eye-guide procedure [118] and the recommended values are given in column 3 of Table 2.

For the smooth high-energy part, starting from the energy E_H, the systematics for one-particle emission in Table 2 have been used. The energy dependence of the branching ratio for (n,γ) systematics has been introduced in the following way. The value of b_L is kept constant up to E_H and then linear interpolation is used to connect with the b_H value at 14.5 MeV. This approach has been tested against a few rigorously evaluated branching ratios [115,116,117] produced with the code GNASH and there is reasonable agreement.

Q-values

The procedure which calculates the reaction *Q*-values and energy threshold uses data from the Audi-Wapstra mass-excess table [119]. This table covers 2,655 nuclei and is supplemented with the Duflo-Zuker empirical mass formulae [120] when the nuclei do not exist in the table (for 64 nuclei). It should be noted that SAFEPAQ-II generates *Q*-values and threshold energy modifications automatically.

High-energy data

Introduction

Versions of EAF prior to EAF-2005 were developed primarily for use in calculations of fusion devices. For such applications the upper energy limit of 20 MeV is sufficient. However, it has been recognised that the materials testing that is foreseen as necessary in parallel with ITER, using proposed devices such as IFMIF [75], means that this energy limit needed to be raised – this was done for EAF-2005. The IFMIF facility will be a d-Li device with deuterons accelerated to 40 MeV impinging on a flowing Li target and generating an intense neutron field by a stripping reaction. It is expected that the neutron spectrum will contain a significant number of neutrons above 20 MeV, probably as high as 55 MeV. To enable activation calculations to be carried out for IFMIF, EAF needed to be extended to handle neutrons with energies > 20 MeV.

The first decision to be made was the value of the new upper energy. By limiting this to 60 MeV it was judged possible to retain the same methodology as previously used. Such an energy is adequate for IFMIF but would not be large enough for applications such as incineration of nuclear waste using accelerators. Since IFMIF was the primary application this limit was judged suitable and this value is also used within the EFDA, F4E specification of the work. At energies above 20 MeV many new reaction types involving the emission of multiple particles are possible. Enumerating all these explicitly becomes impractical as the energy becomes too large. It was demonstrated with EAF-2005 that the use of a limited number of new reaction classes for EASY was feasible, and the same format is used for EAF-2007 and EAF-2010.

Although there are some measurements and evaluated libraries with data > 20 MeV, these are rather sparse and for a source of cross section data at high energies it is necessary to rely on calculation. For this we have rely on the TENDL [175] library produce by the TALYS code system [170]. This is a very versatile system enabling the production of a wide range of data using a unified set of models but also formats.

Table 3. High energy reaction type in EAF-2010

Reaction type	MT number	Reaction type	MT number
(n,2nd)	11	(n,5nd)	170
(n,n´3α)	23	(n,6nd)	171
(n,2n2α)	30	(n,3nt)	172
(n,n´d2α)	35	(n,4nt)	173
(n,n´t2α)	36	(n,5nt)	174
(n,3np)	42	(n,6nt)	175
(n,n´2p)	44	(n,2nh)	176

Reaction type	MT number	Reaction type	MT number
(n,n´pα)	45	(n,3nh)	177
(n,3α)	109	(n,4nh)	178
(n,t2α)	113	(n,3n2p)	179
(n,d2α)	114	(n,3n2α)	180
(n,pd)	115	(n,3npα)	181
(n,pt)	116	(n,dt)	182
(n,dα)	117	(n,n´pd)	183
(n,5n)	152	(n,n´pt)	184
(n,6n)	153	(n,n´dt)	185
(n,2nt)	154	(n,n´ph)	186
(n,tα)	155	(n,n´dh)	187
(n,4np)	156	(n,n´th)	188
(n,3nd)	157	(n,n´tα)	189
(n,n´dα)	158	(n,2n2p)	190
(n,2npα)	159	(n,ph)	191
(n,7n)	160	(n,dh)	192
(n,8n)	161	(n,hα)	193
(n,5np)	162	(n,4n2p)	194
(n,6np)	163	(n,4n2α)	195
(n,7np)	164	(n,4npα)	196
(n,4nα)	165	(n,3p)	197
(n,5nα)	166	(n,n´3p)	198
(n,6nα)	167	(n,3n2pα)	199
(n,7nα)	168	(n,5n2p)	200
(n,4nd)	169		

The newly allocated MT numbers, from 151 to 200, allow describing reactions with up to 8 emitted particles and correspond to a set of unallocated number in the ENDF-6 format.

EAF-2010 production

Data origin

EAF-2010 was generated starting with the information present in EAF-2007. Data were then changed based on new sources and experimental data. The new data sources available are:

- The latest release of the US library, ENDF-B/VIIa.
- The latest European JEFF-3.1.1 library [121].
- The calculated libraries TENDL-2009 [175] and TALYS-6a covering an even wider range of targets than EAF.
- The JENDL/AC and beta release of JENDL-4 [122].
- Files produced by different CRP and WPEC subgroups [123].

Summary of reaction types

It is useful to show how the reactions in the library can be divided into different categories; a number of relevant statistics are given in this section. Firstly, the data origin - the neutron cross sections included in EAF come from numerous sources having varying levels of quality and formats.

Table 4. Origin of data in EAF-2010.

Data Source	Number of reactions
ACTL	2
ADL-3	269
ADL-3/I	5
BRC	1
BROND-2.2	2
CRP	8
EAF-2007.0	1
EFF-2.4	56
ENDF/B-VI	26
ENDF/B-VI(MDF)	4
ENDF/B-VI.7	13
ENDF/B-VI.8	11
ENDF/B-VII	21
ENDF/B-VII.0	2
ENDF/B-VII.2	19
ENEA(MENGONI)	4
ESTIMATE	10
EXIFON	2
FEI	5
FENDL/A-1	11
FISPRO	9
HEPRL	9
IEAF-2001	41
IRDF-2002	3
IRDF-90.2	11
IRDF-P	4
IRK	32
JAERI	3
JAERI(MDF)	11
JEF-2.2	321
JEF-2.2(MDF)	5
JEFF-3.0	4
JEFF-3.1	3
JENDL-3.1	54
JENDL-3.2	72
JENDL-3.2/A	55
JENDL-3.2/A/I	1
JENDL-3.3	68
JENDL-99D	1

Data Source	Number of reactions
KOPECKY-2000	4
LANL	4
LANL(HERMAN)	7
LANL-2000	10
MASGAM	363
MASLOV	4
MENDL-2	1
NGAMMA	15
NRG-2003	1
SIG-ECN	1
SIGECN-MASGAM	68
TALYS-5	489
TALYS-5a	578
TALYS-6 – TENDL-2009	63530
WIND	2
Total	**66256**

It will be noted that in Table 4 some sources contain (MDF) in the label, e.g. JEF-2.2(MDF). Usually it is possible to reproduce data in EAF-99 by using the original data source and then applying the standard modifications. However, in a few cases changes have been made in previous EAF versions that are not fully documented. In these cases data have been extracted from the EAF-99 MDF (Master Data File).

Table 5. Reaction types in EAF-2010.

Reaction Type	Number of reactions
(n,n')	266
$(n,2nd)$	1096
$(n,2n)$	1069
$(n,3n)$	1092
(n,f)	102
$(n,n'\alpha)$	1071
$(n,n'3\alpha)$	339
$(n,2n\alpha)$	1059
$(n,3n\alpha)$	1061
$(n,n'p)$	1090
$(n,n'2\alpha)$	888
$(n,2n2\alpha)$	998
$(n,n'd)$	1117
$(n,n't)$	1106
$(n,n'h)$	1042
$(n,n'd2\alpha)$	345
$(n,n't2\alpha)$	251
$(n,4n)$	1028
$(n,2np)$	1105

Reaction Type	Number of reactions
(n,3np)	1095
(n,n′2p)	1022
(n,n′pα)	989
(n,γ)	1064
(n,p)	1079
(n,d)	1091
(n,t)	1117
(n,h)	1031
(n,α)	1058
(n,2α)	631
(n,3α)	160
(n,2p)	989
(n,pα)	767
(n,t2α)	184
(n,d2α)	197
(n,pd)	992
(n,pt)	571
(n,dα)	736
(n,5n)	961
(n,6n)	847
(n,2nt)	1101
(n,tα)	727
(n,4np)	1084
(n,3nd)	1089
(n,n′dα)	977
(n,2npα)	1060
(n,7n)	551
(n,8n)	216
(n,5np)	1001
(n,6np)	740
(n,7np)	210
(n,4nα)	1004
(n,5nα)	906
(n,6nα)	668
(n,7nα)	249
(n,4nd)	1010
(n,5nd)	818
(n,6nd)	321
(n,3nt)	1037
(n,4nt)	948
(n,5nt)	629
(n,6nt)	182
(n,2nh)	1055
(n,3nh)	1048
(n,4nh)	990
(n,3n2p)	1051

Reaction Type	Number of reactions
(n,3n2α)	1006
(n,3npα)	1074
(n,dt)	353
(n,n$'$pd)	1028
(n,n$'$pt)	880
(n,n$'$dt)	750
(n,n$'$ph)	499
(n,n$'$dh)	336
(n,n$'$th)	216
(n,n$'$tα)	977
(n,2n2p)	1040
(n,ph)	258
(n,dh)	138
(n,hα)	266
(n,4n2p)	1001
(n,4n2α)	825
(n,4npα)	982
(n,3p)	194
(n,n$'$3p)	324
(n,3n2pα)	287
(n,5n2p)	444
Total	66256

The entire EAF-2010 reaction list is given in Appendix 4. It contains target and daughter state, data origin information, Quality scores, types of modifications and the number of data points for each reaction stored in the EAF-2010 point-wise file.

Secondly, the reaction types - 86 different reaction types can be found in EAF-2010 and these are listed in Table 5. There is a very large increase over the 23 types in EAF-2003. All kinematically allowed reactions below 60 MeV are specified for each target isotope, 691 more reaction than in EAF-2007. These include threshold reactions as well as certain break-up channels on light nuclei. 816 target isotopes, for which all the major reaction types exist, are present in the file.

If new, *i.e.* short-lived or exotic, isotopes are to be included as targets, it is important to ensure that data are included for all the major channels. As a general rule including data for only a subset of the reaction channels is of limited use, and can lead to incorrect conclusions when used for inventory calculations.

EAF-2010 (n,γ) reaction

Improvements to the neutron capture data have been concentrated in the following areas:

- Changing the data source and improving E_V and E_H values

- Improved $1/v$ region renormalisation based on C/E data.

It is useful to show how the (n,γ) reactions can be divided into different categories, and a number of statistics are given in this section. Firstly, the final states of the EAF-2010 (n,γ) reactions are split as shown in Table 6.

Table 6. Numbers of different final states in EAF-2010.

Reaction	FS = 0	FS = 1	FS = 2	Total
(n,γ)	812	230	22	**1064**

Every target leads to an FS = 0 state. Note that there are 816 targets in the EAF-2010 library, however there are no (n,γ) reactions for ^{3}H, ^{4}He, ^{247}Pu and ^{257}Es. Hence a total of 812 target isotopes in the library undergo a (n,γ) reaction. The (n,γ) cross section data are from a range of sources, and the number of reactions from each is shown in Table 7.

Table 7. The number of capture reactions from each data source in EAF-2010.

(n,γ) Data Source	Number of Reactions
ADL-3	2
BROND-2.2	2
EFF-2.4	7
ENDF/B-VI	16
ENDF/B-VI(MDF)	2
ENDF/B-VI.7	8
ENDF/B-VI.8	4
ENDF/B-VII	19
ENDF/B-VII.2	6
ENEA(MENGONI)	4
FISPRO	9
IEAF-2001	1
IRDF-P	3
JEF-2.2	249
JEF-2.2(MDF)	3
JEFF-3.0	1
JEFF-3.1	1
JENDL-3.1	40
JENDL-3.2	30
JENDL-3.3	36
KOPECKY-2000	4
LANL	4
LANL-2000	10
MASGAM	363
NGAMMA	15
SIG-ECN	1
SIGECN-MASGAM	68
TALYS-5a,-6, -6a	155
All	**1064**

EAF-2010 (n,γ) evaluation tools

Different evaluation tools and model codes have been used to generate the data that are lacking from the available major evaluated data libraries. They are: TALYS, FISPRO, MASGAM and MASGAM + SIG-ECN which are described above and in more detail in reference 54.

Several new evaluations were performed using the code NGAMMA for EAF-2001; a few of these data are still used in EAF-2010. The code NGAMMA [92] was adopted for fast calculations of (n,γ) cross sections in a similar way to MASGAM. Many input parameters (optical model parameters, level densities, gamma-ray strength functions) can be prepared from available global systematics or can be inputted manually using local parameters.

The non-threshold reactions (n,γ) and (n,f) should contain resonance data. While this is the case for important targets, many targets do not have this information. In cases where experimental resonance data exists it has been possible to add a single s-wave resonance at a suitable energy so that the correct resonance integral can be obtained. This Single Resonance Approximation (SRA) is described above (page 14); it has been applied to some reactions in EAF-2010.

EAF-2010 actinide targets

The content of the EAF-2010 actinide sub-file includes 102 targets, ranging from ^{211}Rn up to ^{257}Fm. Only minor improvements have been made in this sub-file in the production of EAF-2007. There are 5,936 reactions in EAF-2010 on actinide targets compared to 5,865 in EAF-2007.

Data sources have been changed for most targets, generally to TALYS-6a or TENDL-2009. The data sources and reaction types for the actinide targets are listed in Table 8. The resulting sub-file can be claimed to be the most complete evaluated actinide data file available.

Table 8. Origin of actinide data in EAF-2010.

Data Source	Number of reactions
ENDF/B-VI	3
ENDF/B-VI.7	1
ENDF/B-VI.8	1
ENDF/B-VII.0	2
ENDF/B-VII.2	11
ESTIMATE	10
EXIFON	1
JAERI	3
JAERI(MDF)	11
JEF-2.2	22
JEF-2.2(MDF)	3

JEFF-3.0	2
JEFF-3.1	1
JENDL-3.1	29
JENDL-3.2	13
JENDL-3.3	43
KOPECKY-2000	2
MASGAM	6
MASLOV	4
NGAMMA	10
TALYS-5,-5a,-6	323
TALYS-6a – TENDL-2009	5426
WIND	2
Total	**5936**

EAF-2010 reaction nomenclature

A notation is adopted for describing reactions in the EAF library, the format of which is best illustrated by taking an example. Consider the (n,γ) reaction from a target of indium - ^{114m}In, which is initially in the first isomeric state and leads to a final first isomeric state. The MASGAM code has been used to evaluate the cross section.

The two EAF title lines are:

```
IN*114N,G*    MASGAM                                    <0>
 |   |  |        |                                       |
 |   |  |        |                       Quality score <-+
 |   |  |        +-> data origin
 |   |  |
 |   |  +-> describes the FS
 |   |
 |   +-> describes the IS
 |
 +-> describes the IS
```

```
MASGAM; ADJUST   [14, 13, 4, 6, 3]
  |        |          |
  |        |          +-> modification codes
  |        |
  |        +-> first modification type
  |
  +-> data origin
```

IS (Initial State) refers to the target nuclide state, while FS (Final State) describes the state of the reaction product. Possible notations of the isomeric states are shown in Table 9.

Table 9. Notation of isomeric states.

Value (IS or FS)	EAF notation	State
0 or 99	–	Ground state or total
1	*	First isomer
2	#	Second isomer

Next the data source is given, which in the above example is MASGAM. A complete list of the data origins used to build the EAF-2010 library is given in Table 4, which identifies each source library or processing code which was used to calculate the cross section. The second line repeats the data source and then appends additional text to indicate further processing of the data. Currently the possible strings are:

- `;  ADD`   (for Mod Type = 1, 11, 12, 16)
- `;  SYST`   (for Mod Type = 2)
- `;  EXP`   (for Mod Type = 3)
- `;  RN`   (for Mod Type = 4, 6)
- `;  DEL`   (for Mod Type = 5)
- `;  QVALUE`   (for Mod Type = 7)
- `;  NUM`   (for Mod Type = 8)
- `;  PEQ`   (for Mod Type = 9)
- `;  INT`   (for Mod Type = 10)
- `;  MERGE`   (for Mod Type = 13, 18)
- `;  ADJUST`   (for Mod Type = 14, 15, 19)

The SAFEPAQ-II User manual [2] gives more details of the Mod Type. `ADD` indicates that one or more data points have been added (for example if Mod Type = 11 then a $1/v$ addition has been carried out). `SYST` indicates that a renormalisation to systematics has been carried out. `EXP` indicates that a renormalisation to experimental data has been carried out. `RN` indicates that a renormalisation has been carried out (for example if Mod Type = 6 then a linearly energy dependent branching ratio has been applied). `DEL` indicates that data points at high energy have been deleted. `QVALUE` indicates that the Q-value has been altered. `NUM` indicates that the number of data points at low energy has been changed. `PEQ` indicates that the Pre-equilibrium component (the direct capture) has been added to the cross section at high energies (usually important when $E > 1$ MeV). `INT` indicates that the interpolation law has been changed in an energy range. `MERGE` indicates that a second data source has been used at high (Mod Type = 13) or low (Mod Type = 18) energies and `ADJUST` means that the energy or cross section value of a data point have been adjusted.

The Quality score is a value introduced in EAF-2003 that indicates the agreement of the library data with available experimental data. Both differential and integral data are considered. The meaning of the scores is shown in Table 10.

Table 10. EAF-2010 Quality scores.

Score	Description
0	No experimental data exists
1	Limited differential data which disagrees with the library (weak disagreement)

2	Limited differential data which agrees with the library (weak agreement)
3	Differential data which disagrees with the library (strong disagreement)
4	Differential data which agrees with the library (strong agreement)
5	Both differential and integral data exist or only integral data exist and these are not in agreement with the library
5_0	Differential data are missing and unsatisfactory agreement with integral data
5_1	Unsatisfactory agreement with differential and integral data
5_2	Satisfactory agreement with differential and unsatisfactory agreement with integral data
5_3	Differential data are missing and satisfactory agreement with integral data
5_4	Unsatisfactory agreement with differential data and satisfactory agreement with integral data
6	Both differential and integral data exist and they are in agreement with the library (validation)

EAF-2010 modifications

SAFEPAQ-II carries out a large number of modifications (and pre-modifications), most automatically (dependent on the various flags set up in the Parameter database) but some through single reaction processing. There were 36,010 modifications made in producing EAF-2010. The procedures carried out for branching are complex and are described in detail in the SAFEPAQ-II User manual [2].

Table 11. EAF-2010 modifications classes.

Reactions	**Number**
Pre-modifications only	2125
Modifications only	36010
Neither	28121
Total	**66256**

Table 11 shows that 28,121 reactions, about 40 %, remain identical to the EAF-2007 library. These represent mostly high threshold reactions for which there are no experimental data or systematics and where the data are taken from the most recent TALYS. For the majority of remaining reactions some modification has been made by SAFEPAQ-II to improve the data that exist in the various source libraries, making it more suitable for activation and transmutation related applications.

EAF-2010 validation

EAF-2010 can be tested by the validation options in SAFEPAQ-II for consistency against the available experimental database or against

predictions from systematics. Two main validation processes can be performed; one internal where comparison is performed against the database stored in the Parameter database and the other external where EAF-2010 excitation functions are compared either with EXFOR experimental data or other evaluated data files.

The EXFOR CD-ROMs are used by SAFEPAQ-II; data are selected from these and placed in the SAFEPAQ-II database EXFOR. It is from the latter that datasets can be displayed during visualisation. Considerable efforts have been to ensure that the EXFOR data selected are both correct (daughter isomeric state and cross section units are two examples of checks) and complete. Checks have been made to ensure that all the available experimental data above 20 MeV have been selected to cover and improve the high-energy region of the library. Some recent experimental data sets are not yet present in EXFOR. To allow these data to be used for the graphical comparisons a recently introduced feature of SAFEPAQ-II was used. This allows experimental data to be entered into the Private EXFOR database, once entered these data are automatically included in the graphs along with the existing EXFOR data.

The very significant increase in the number of reactions compared to EAF-2003 or JEFF-3/1/A (factor 5) has not been matched by the increase in EXFOR available data (factor 1.04 increases in data sets, but only 1.01 increases in number of reactions). Consequently only about 2.5% of the EAF-2010 library has been visually validated by comparing the excitation function with the experimental EXFOR database over parts of their energy range. When the EXFOR validation indicated reactions which required revisions, two different ways of correcting the data have been applied:

- Replacement by a new evaluation (either from another source or a new calculation), in particular for cases with shape problems in the excitation function.

- Renormalisation of the whole or part of the excitation function through the interactive options available in SAFEPAQ-II.

The results of integral experiments have also been used to adjust data. Validation of activation code predictions, and thereby of the cross section and decay data, has been carried out by means of direct comparison with measurements of various materials under fusion-relevant neutron spectra. Having access to a variety of sources has allowed the energy dependence of the analysis to be very complete. Since the EASY-2005 validation [124] integral data became available at energies above 20 MeV. The feedbacks from this validation exercise have been used in the generation of EAF-2010. Materials samples were irradiated in a wide range of simulated D-T neutron fields at JAERI FNS, Sergiev Posad SNEG-13, FZK Isochron-

cyclotron, ENEA FNG and the Řež cyclotron, and different responses such as neutron spectra, emission spectra, kerma, activity and decay heat have been measured, allowing direct comparison with the code predictions[125,126,127,128,129,130,131,132,133,134,135,136,137, 138,139,140,141,142,143,144,145,146,147,148,149,150,151,152,153, 154,155,156,157,158,159,160,161,162,163,164]. All the latest integral validation reports [168,169] can be found on the EASY web site http://www.ccfe.ac.uk/EASY.aspx.

The results of the different validation exercises, combined with other sources of information, led to a set of corrective actions to be carried out on some important reactions. These have been implemented in EAF-2010, and include cross section renormalisation, shape correction in a given energy range, threshold and *Q*-value correction, partial cross section adjustment and some new energy-dependent isomeric branching ratios. The fact that these benchmarks were performed by several research institutions using different activation codes and decay data has allowed clarification of the reasons for many discrepancies. These have been found to be partly due to inaccurate decay data, partly to inaccurate cross section data, and partly to a variety of inadequate calculational processes.

Experimental validation – C/E

The experimental data available for selected cross section channels at three energy ranges, 14.5 MeV, 30 keV (for (n,γ) reactions) and 0.0253 eV held in the Parameter tables can be compared with the values in Final leading to the corresponding C/E values (C refers to the library value and E to the experimental data). These are plotted for the various reaction channels. This process is an interactive one, thus the data in the file have been corrected using feedback from the early comparisons. This method presents clear advantages: criteria can be set to decide when to apply a renormalisation process and detailed inspection indicates deficiencies that can be traced to either the raw data or to their treatment in SAFEPAQ-II.

The (n,γ) experimental validation results are presented separately due to their importance and specificity. Such comparisons are made at thermal energy, 30 keV and at about 14.5 MeV and are based on a compilation of many references [10,36,47,49,59,165,166,167]. An ideal C/E ratio would clearly be 1, but in practice there is a distribution of C/E about this value. The number of C/E ratios available (the individual experimental results are flagged to show if they are to be used for validation) for testing EAF-2010.

Another validation tool, traditionally used in the EAF project, is the comparison of cross section values at a distinct energy (usually with neutron energies around 14 MeV) with the corresponding selected (recommended) experimental cross section. This comparison is

represented by a C/E ratio. The database of such entries has been generated and stored in the parameter.mdb of SAFEPAQ-II code [2], which is continuously updated with new measurements. However, for reaction channels with the threshold values closed to 14 MeV the comparison constitutes a large uncertainty because the cross section energy lies in a steep raising part of the excitation curve and should be used with a special attention and care. The same approach can also be applied with the cross section systematic at 14.5 MeV, in detail described again in [2]. C/S gives either additional information for special individual cases, where C/E is sometimes in contradiction or can be used as general information of the trend, complementary to the SACS results. In all C/E histograms discussed here are the data outside $0.5 < C/E < 2$ uncertainty margin been individually examined.

(n,2n) reaction
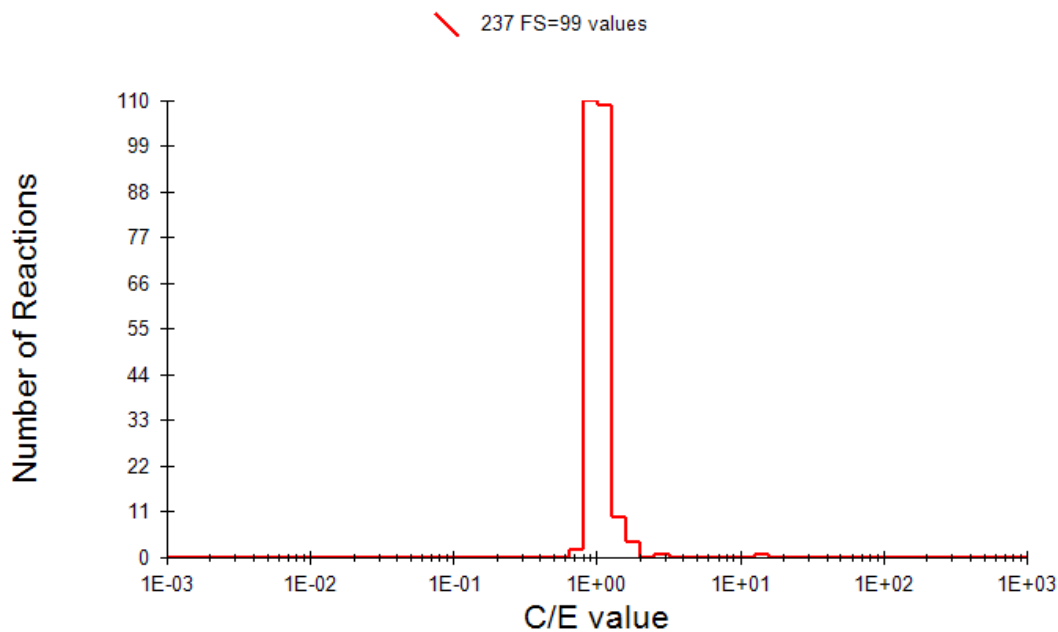
Figure 2. C/E plot for 14.5 MeV experimental data (n,2n) reactions

This C/E histogram demonstrates a concistent behaviour of the 14.5 MeV (n,2n) cross sections for which we can conclude that a very good agrement with experimental measurement exist.

(n,3n) reaction
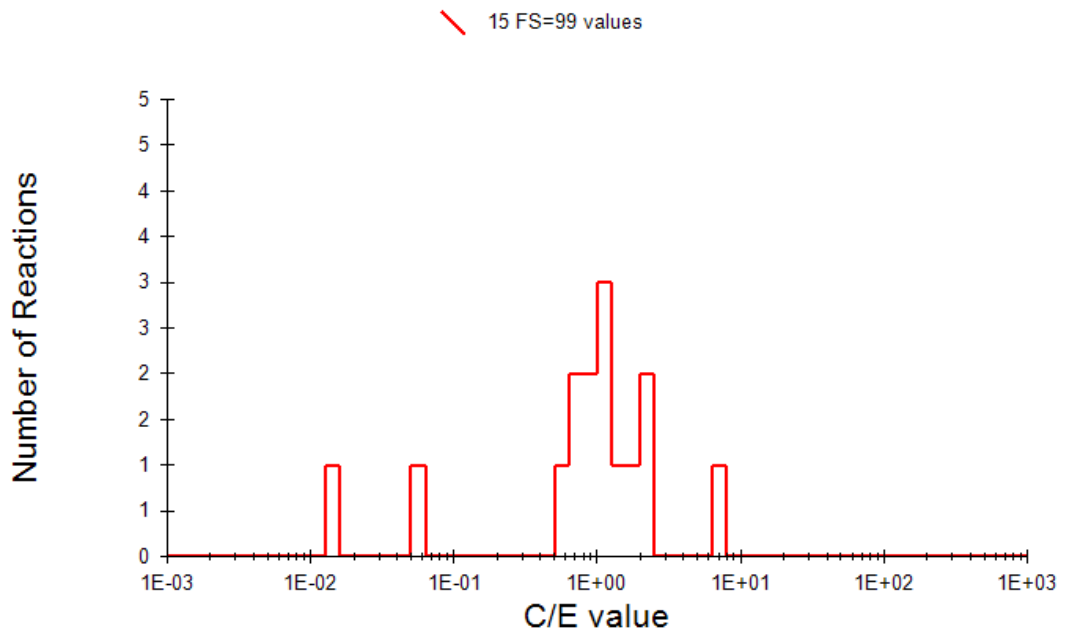
Figure 3. C/E plot for 14.5 MeV experimental data (n,3n) reactions

The outlier examplify a rather poor experimental energy caracterization, usually very close to the reaction threshold that induce large and questionable C/E values.

(n,n′p) reaction
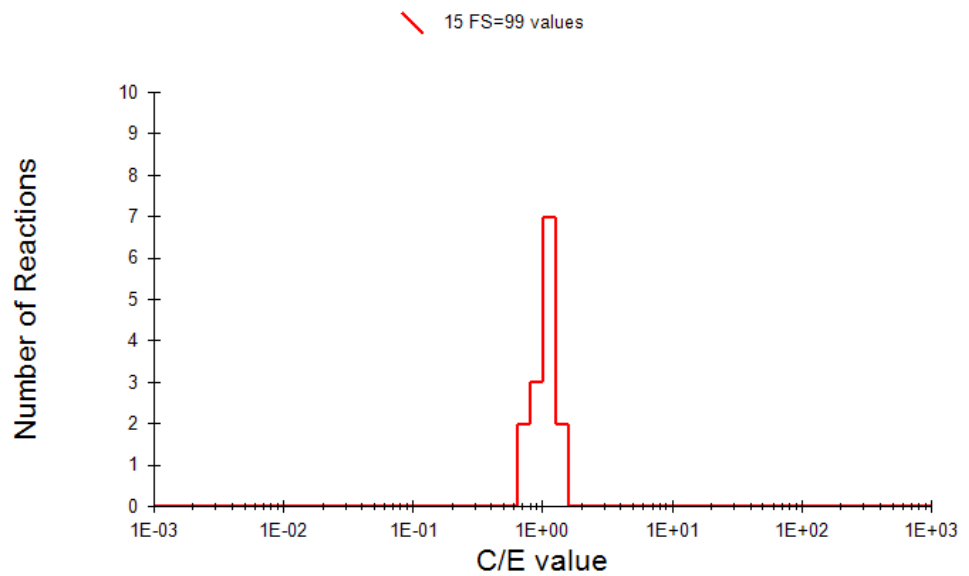
Figure 4. C/E plot for 14.5 MeV experimental data (n,n′p) reactions

This reaction channel C/E show an excellent agreement, no outlaying data. However, only a limited number of experimental data (only charge particle detection have been used, no activation data) are considered.

(n,n′α) reaction
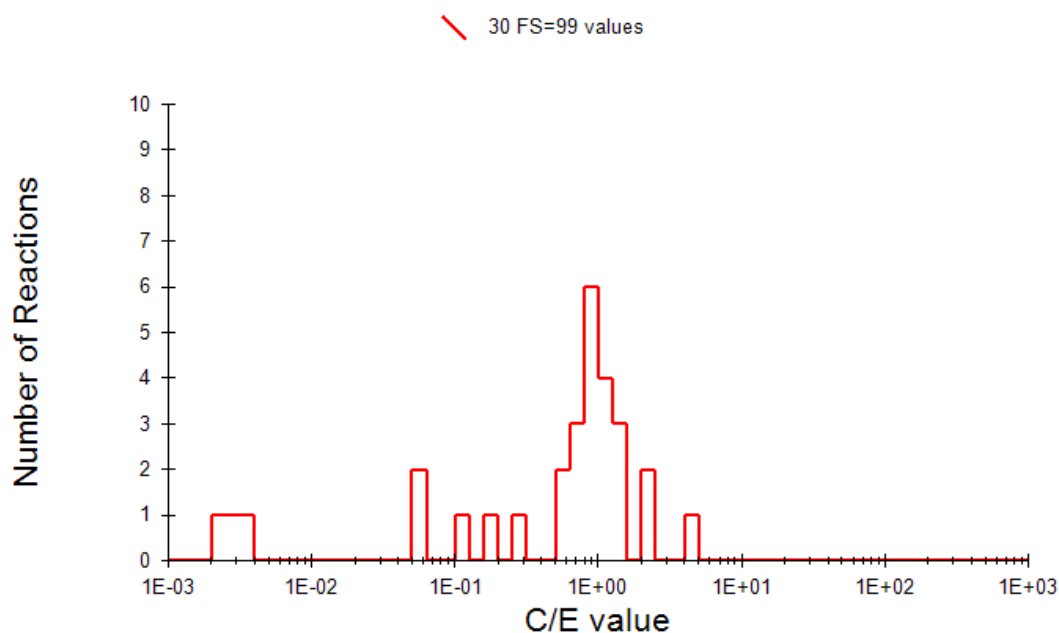
Figure 5. C/E plot for 14.5 MeV experimental data (n,n′α) reactions.

The majority of the experimental data are considered to close to the reaction threshold and so have a limited impact for validation purposes

(n,p) reaction
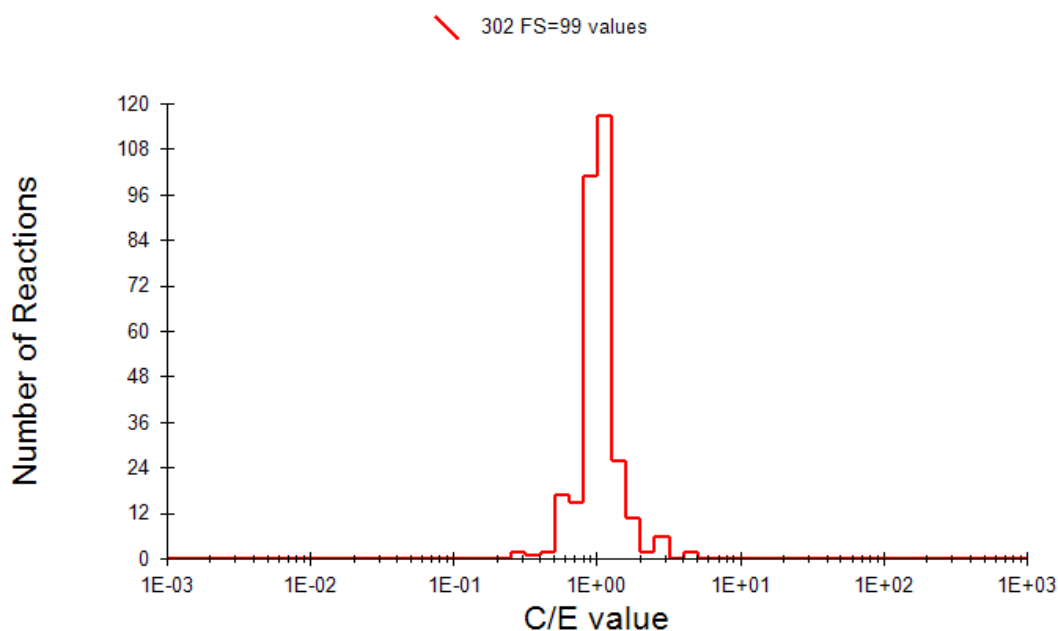
Figure 6. C/E plot for 14.5 MeV experimental data (n,p) reactions

All C/E around 14.5 MeV are in a good agreement and close to unity, a small number of disagreements came either from unreliable (old) measurements, some of them close to the threshold energy.
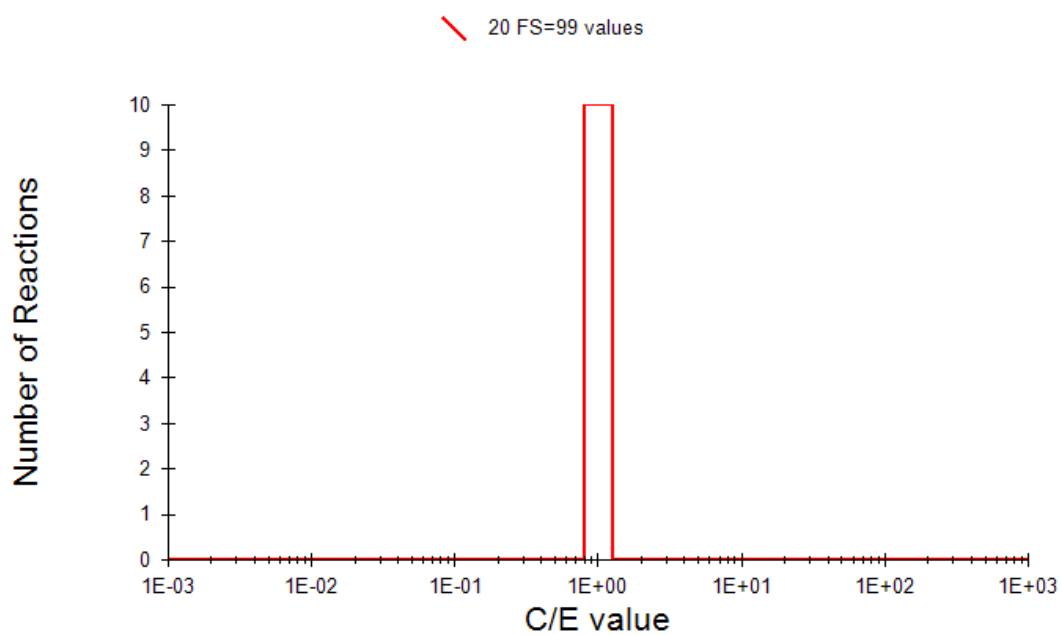
Figure 7. C/E plot for 0.0253 eV experimental data (n,p) reactions
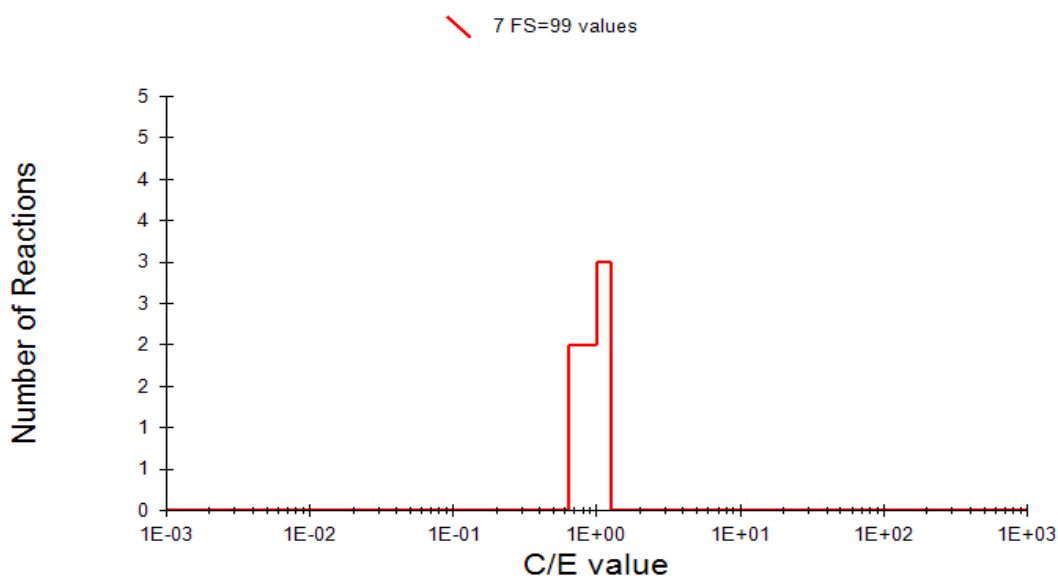
Figure 8. C/E plot for resonance integral experimental data (n,p) reactions

For the thermal cross sections and resonance integral C/E, all data are considered as in good agreement, that is assuming $0.5 < C/E < 2$ uncertainty margin.

(n,d) reaction
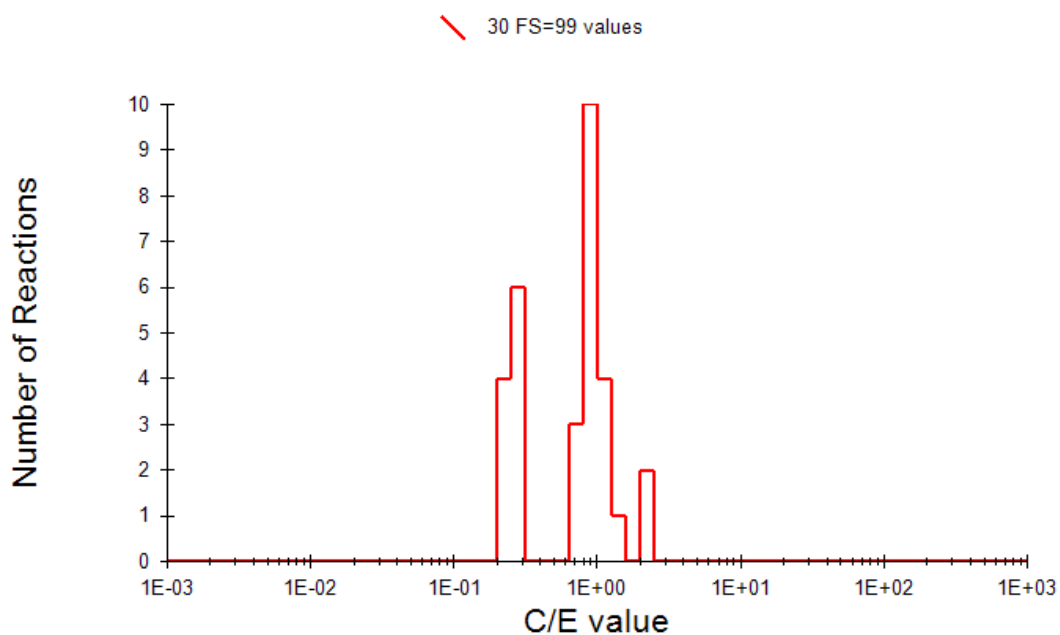
Figure 9. C/E plot for 14.5 MeV experimental data (n,d) reactions.

The limited amount (30) of experimental data (only charge particle measurements have been considered) gives a reasonable agreement, with 7 outlaying cases. However, the better test is the analysis of the summed (n,d + n,n′p) cross section, which lead to a much better comparisons than the results per reaction.

(n,t) reaction
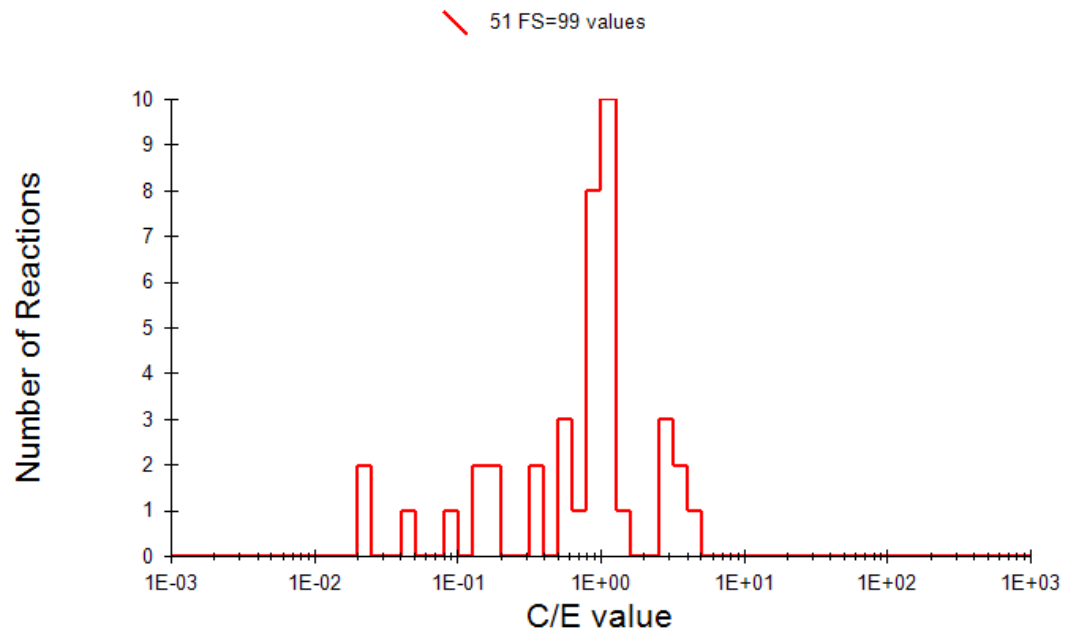
Figure 10. C/E plot for 14.5 MeV experimental data (n,t) reactions

All outlaying reactions have the experimental data point too close to the threshold energy to bear any significance, and no renormalisation are adviseable.

(n,h) reaction

There are no reliable experimental data, all cross section data can be considered as upper limits. The reason for this situation is two fold, the data are usually measured at energies around 14 MeV close to the reaction threshold were the cross section values are very small. Second, the measurement of such small cross sections is complicated by the competition of other raction channels from the elemental and/or isotopic impurities, which mask the real (n,h) cross section. Further complications derive from the energy shift of calculated excitation curves and the small millibarn expected values. All this seems to indicate some inconsistences in the Optical Model parameters. More studies are needed to clarify this situation along side more and better experimental data.
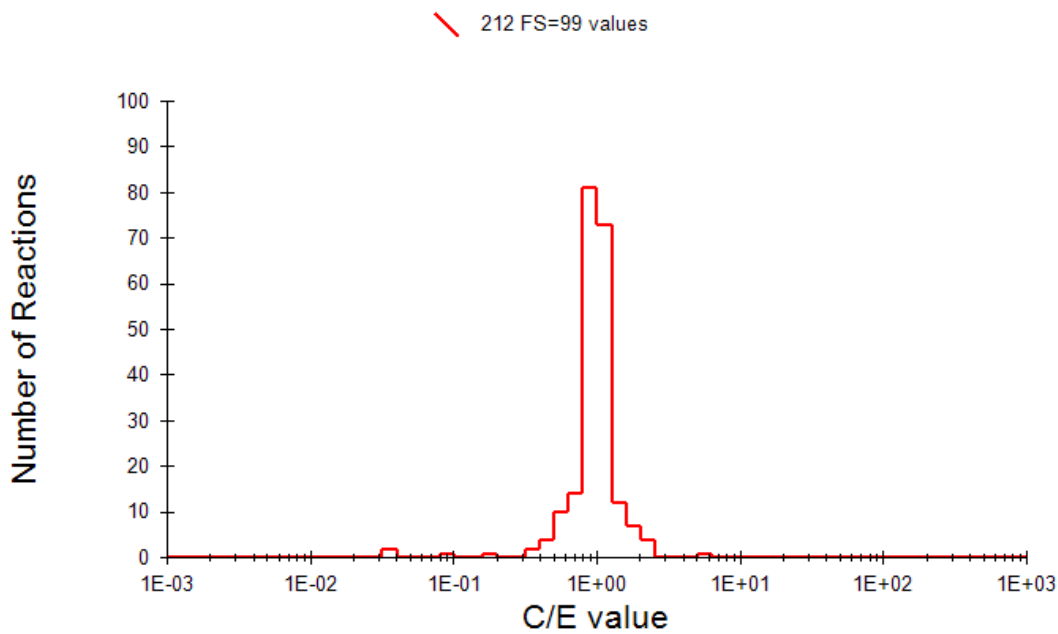
(n,α) reaction

Figure 11. C/E plot for 14.5 MeV experimental data (n,α) reactions

The (n,α) reactions are in a good agreement with both experimental and systematic predictions at 14.5 MeV. The small Gaussian deviating data can be explained by the scatter of the experimental information has the energies are too close to reaction threshold.

In addition very satisfactory results are obtained for non-threshold (n,α) reactions, as demonstrated by the two following figures.
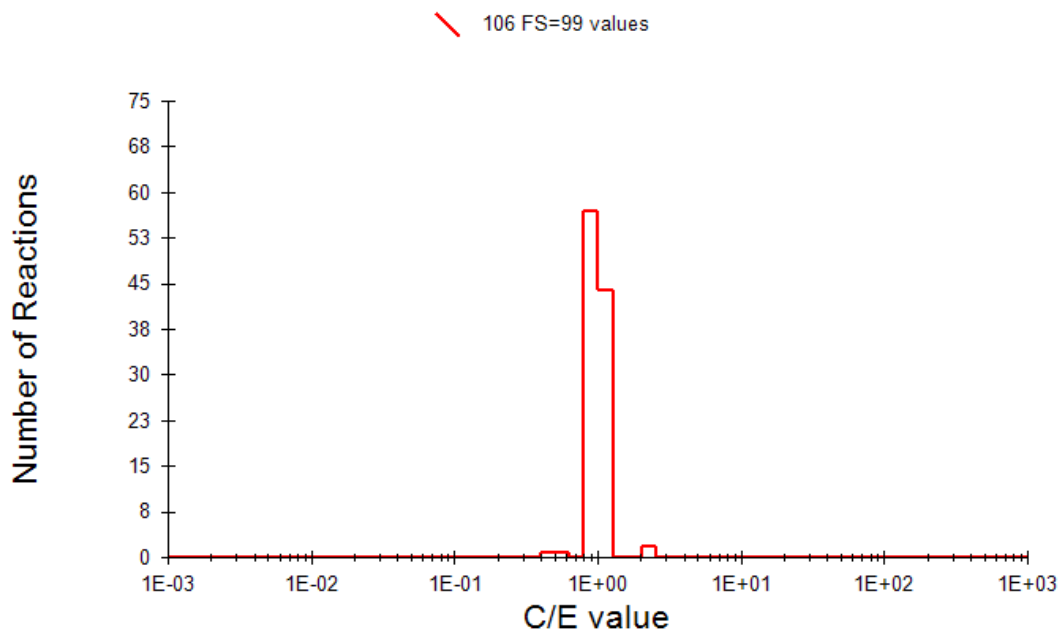
Figure 12. C/E plot for 0.0253 eV experimental data (n,α) reactions.
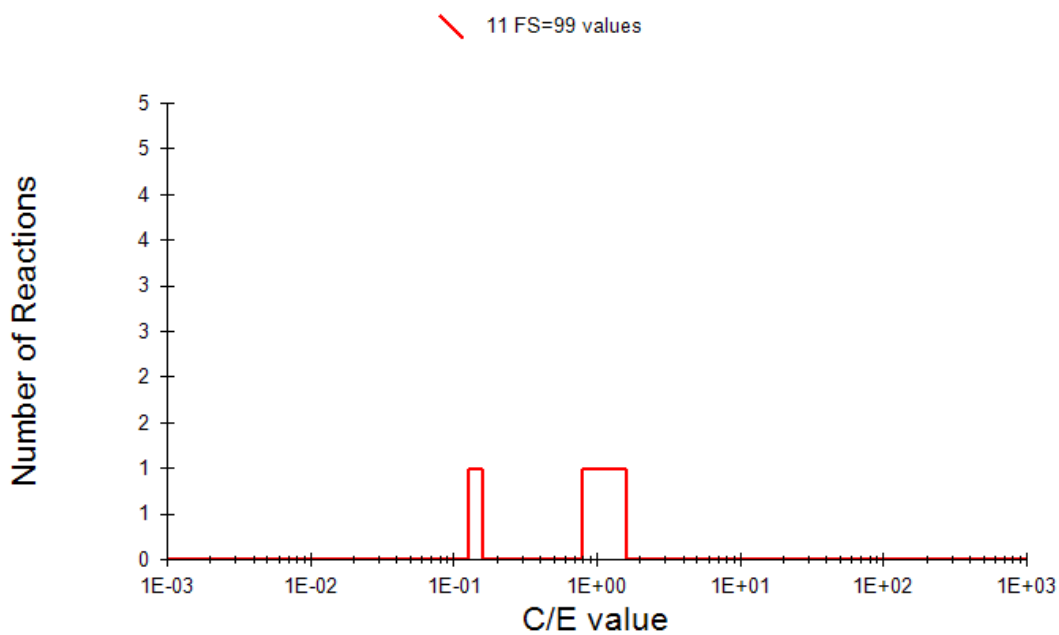
Figure 13. C/E plot for resonance integral experimental data (n,α) reactions

(n,γ) reaction
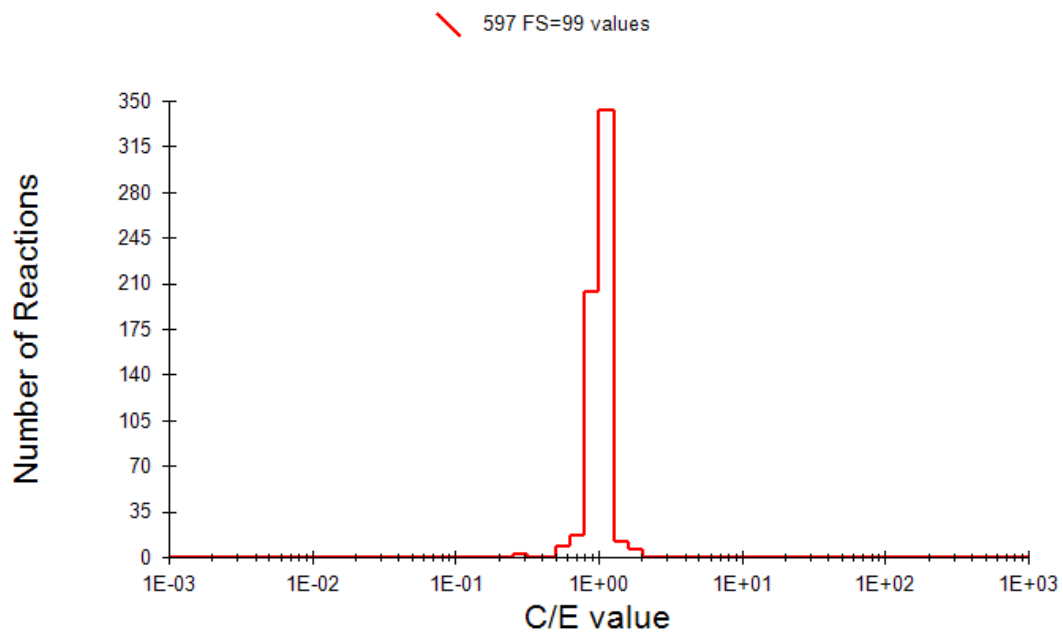
Figure 14. C/E plot for 0.0253 eV experimental data (n,γ) reactions
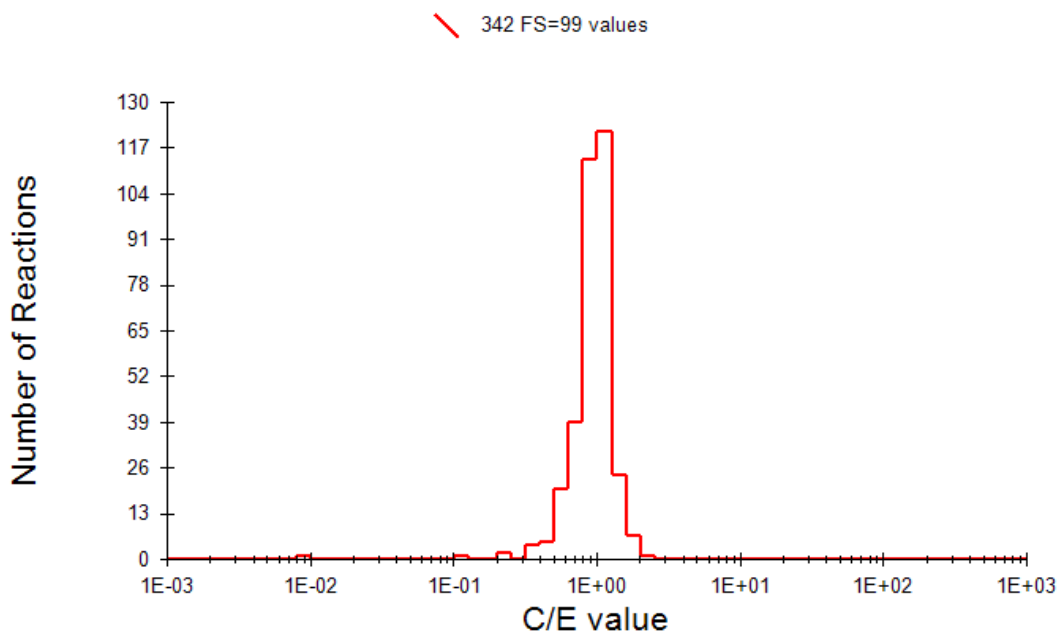
Figure 15. C/E plot for 30 keV experimental data (n,γ) reactions
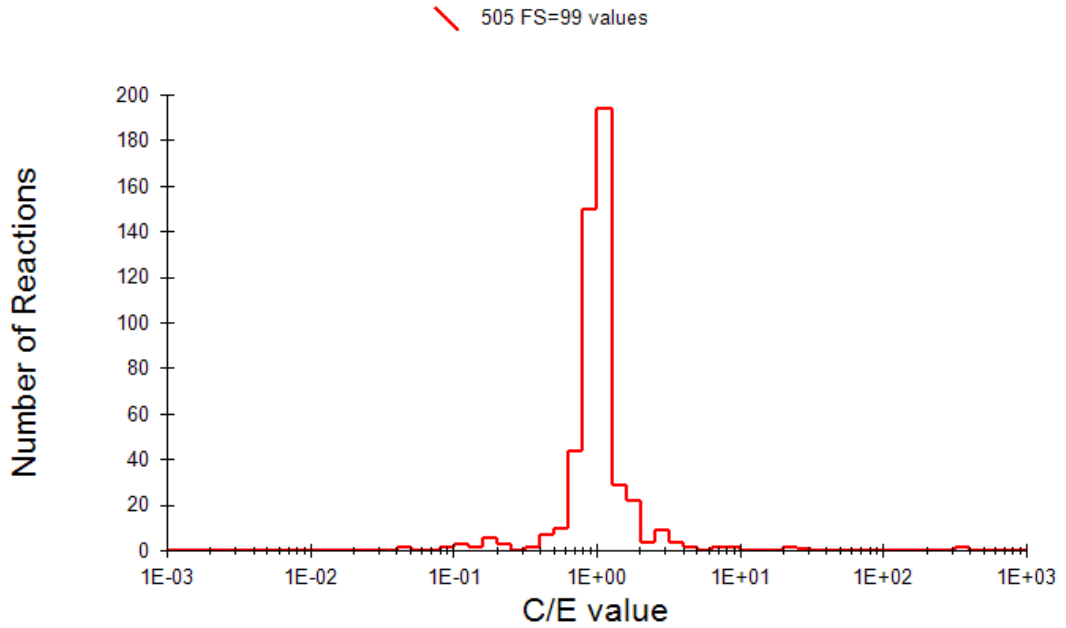
Figure 16. C/E plot for resonance integral experimental data (n,γ) reactions.
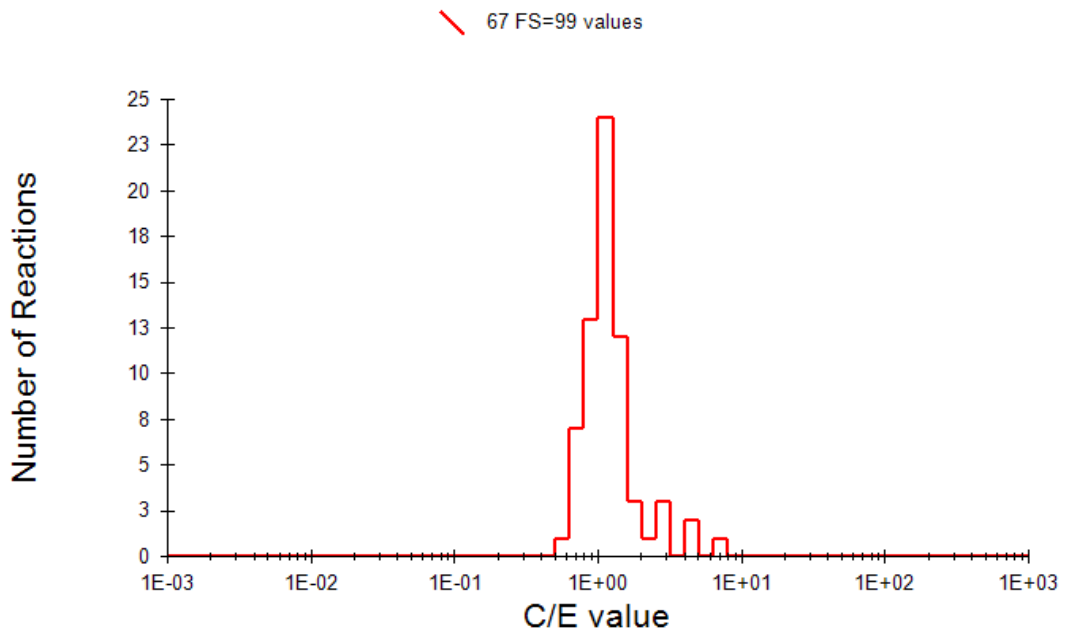
Figure 17. C/E plot for 14.5 MeV experimental data (n,γ) reactions.

The Thermal cross sections deviate only for two reactions from a 50% uncertainty margin, namely ^{86}Kr(n,γ) and ^{92}Mo(n,γ) with C/E = 0.29 and 0.26, respectively. For ^{86}Kr(n,γ) the recent ENDF/B-VII evaluation has been adopted, which is in the thermal region reasonably close to the 1/v component. Since the new resonance parameters form the basis of the low energy point-wise data, this evaluation has been adopted without any modification. The second reaction is the ^{92}Mo capture for which the same type of explanation

exists, the ENDF/B-VII evaluation fits another recommended experimental σ_{th} value.

All other histograms (at E_n = 30 keV, 14.5 MeV and RI) are discussed in detail in [171] with explanations for outlaying C/E values.

(n,f) reaction
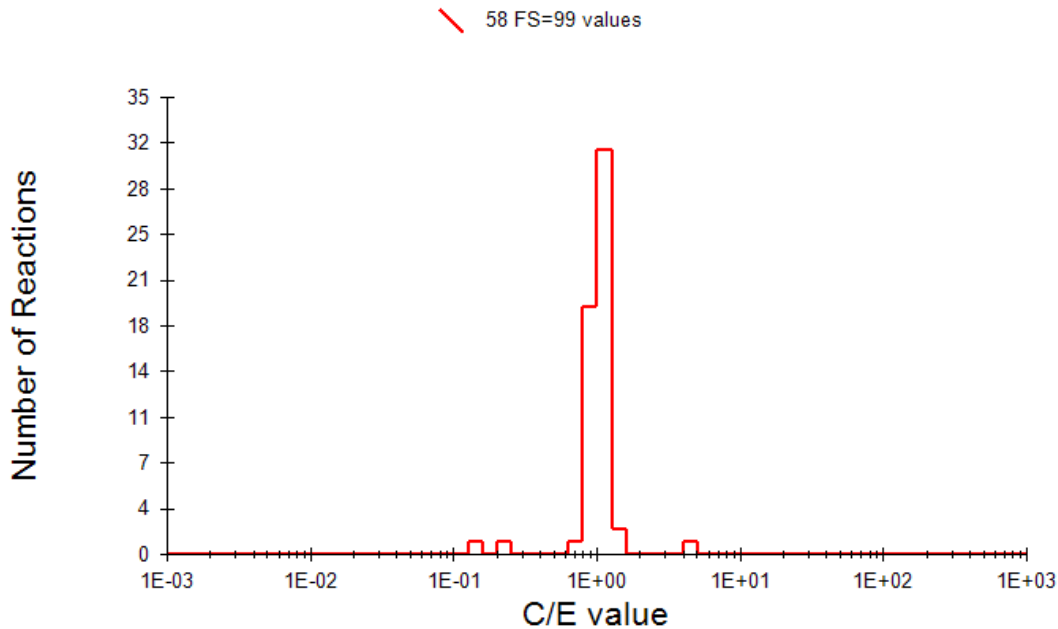
Figure 18. C/E plot for 0.0253 eV experimental data (n,f) reactions
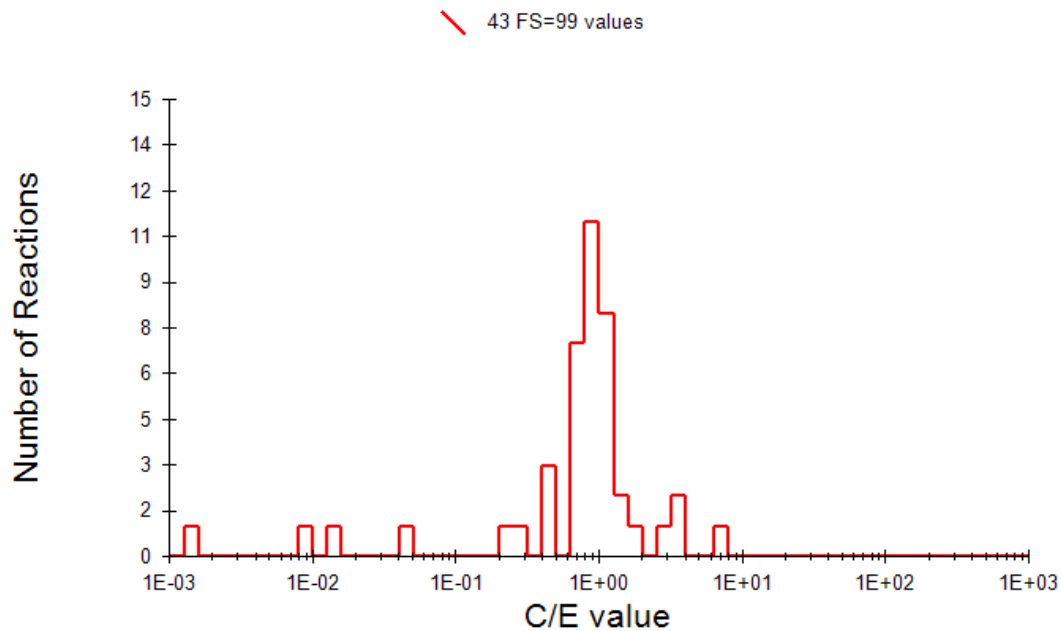
Figure 19. C/E plot for resonance integral experimental data (n,f) reactions.

All thermal and $1/v$ components of the (n,f) reactions are in a good agreement with the experimental data and their uncertainty and deviation. More problems exist in the C/E for resonance integrals, where few but noticeable deviations occur, however, some Resonance Integral measurements seems very uncertain and questionable.

Resonance Integral

Another very important experimental validation process can be carried out on the resonance integrals of certain reaction channels. To calculate the resonance integral the EAF-2010 data (which are Doppler broadened to 294 K) are integrated from 0.5 eV to 100 keV. Such a validation allows a clear assessment of the quality of the cross sections profile over a wide energy range. The experimental data base combines both real experimental data with resonance integrals derived from measured resonance parameters. Figure 20 shows the C/E distribution for resonance integrals for all the resonant reactions (n,γ), (n,p), (n,α) and (n,f).

There have been some updates in the resonance data for all the reactions, and this reflects the slight improvement in the C/E plot in EAF-2010 compared to the earlier EAF-2007.
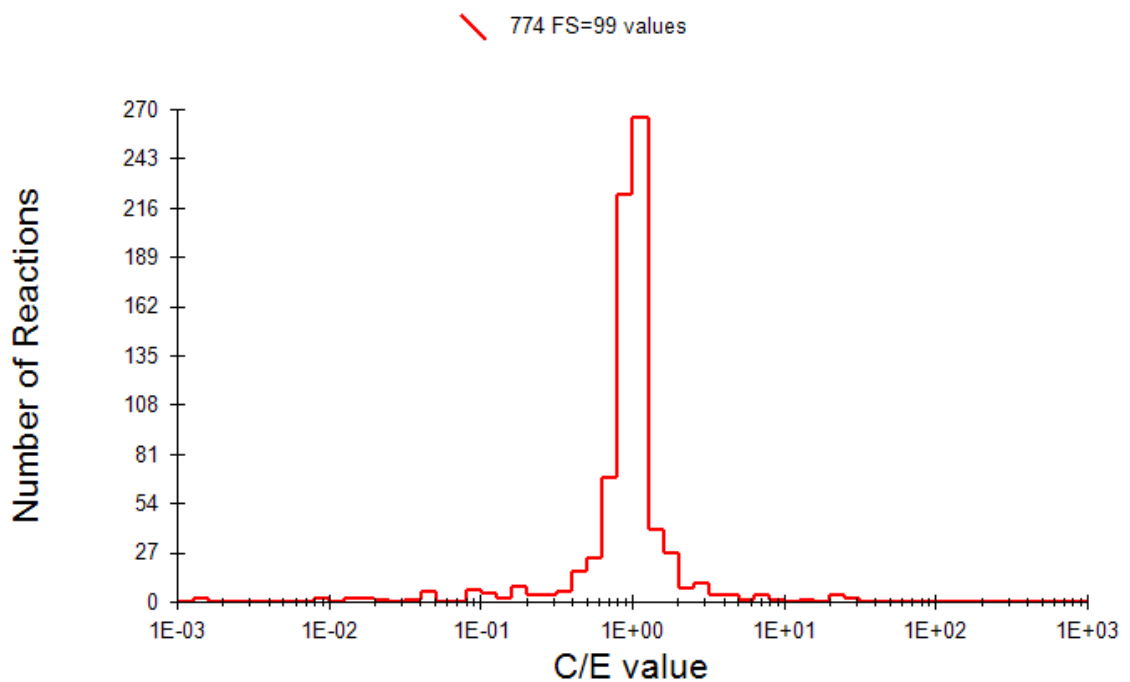
Figure 20. C/E distribution of resonance integrals in EAF-2010.

Summary of C/E analysis

The results of the C/E histograms analysis show that the majority of the tested EAF-2010 point-wise data are in a good agreement with experimental differential cross sections at E_n=0.0253 eV, 30 keV (for capture reaction) and at 14.5 MeV. The deviating C/E values have been tabulated and discussed and for many, improvements have been found. This has often been done by selecting more recent updated EXFOR entries as recommended experimental cross section values. In addition, the experimental resonance integral values have been used for the C/E analysis for the (n,γ), (n,p), (n,α) and (n,f) reactions.

The differential validation of the EAF-2010 point-wise data has been completed. It consists of a detailed comparison of all reactions, supported with the experimental data (Score 1–6 reactions), with EXFOR and other experimental data. This information has been used in choosing the best excitation curve (either calculated or evaluated) as the data source in the master database.

Systematic validation – C/S

The predictions from systematics available for selected cross section channels at 14.5 and 20 MeV can be compared with the values contained in the library leading to corresponding C/S values (C refers to the library value and S to the systematics prediction). Figures 21 to 37 present the results of the comparison for EAF-2010. The same analysis of the individual reaction channels that was carried out for the experimental validation can be applied here. Comparison with systematic predictions can be carried out for many channels. However, certain limitations do apply: the energy is limited to 14.5 and 20 MeV, with the exception of 30 keV information for each capture channel, and only total cross section C/S values can be compared. The validity of the formulae used may not cover the complete mass range and systematic formulae do not always account for competing reactions.

This single-energy feature of systematic predictions indicates that if one wants to use the C/S validation, say for renormalisation, then one has to proceed with caution. This information can evidently be used as additional information in individual cases. However, it makes its general implementation, as proposed and partially used earlier, very difficult.

From Figure 21, where all the C/S values are presented, one can immediately notice the broad coverage, with 35% of the reactions with data at 14.5 MeV compared. This in itself is quite an achievement and tends to demonstrate the rather satisfactory behaviour of the systematic formulae. It is important to keep in mind

here that the same data, but in lesser number, have been previously compared with experimental information.

Figure 24 shows the C/S values for the (n,d) reaction at 14.5 MeV. It is important to note that the peak of the histogram is now centred around unity rather than the value of 10 found for EAF-2005. This improvement in the predictive power of TALYS is partly due to active feedback of this problem to the code authors.

A similar remark applies to the (n,t) histogram shown in Figure 28. However, for (n,2n), (n,α) and (n,p) the histograms (Figure 22, 23 and 26) show only a slight improvement over EAF-2007.

Figure 29 and 30 representing the C/S values for the (n,n′α), and (n,n′p) reactions, clearly demonstrate the difficulties encountered in applying systematic formulae for these reactions. One of the reasons for the broad C/S distribution is the even/odd effect which is not considered in the systematics. Differences of about an order of magnitude can commonly be spotted that highlight less than satisfactory library contents. However, those are not major reactions and it has been shown by inventory calculations that they are of importance only in a small number of particular cases.

Figure 33 to 37 illustrate the C/S histograms for data at 20 MeV, and while in all cases the peak is reasonably sharp it should also be noted that in all cases the peak is centred slightly above unity. This is particularly evident in the (n,t) and (n,n′p) reactions.

At this stage it is important to keep in mind that even if certain cross sections are known to high accuracy within a particular energy range then it is not uncommon to find discrepancies at energies outside this range when comparing data in evaluated files, experimental values or systematic information.

A comparison can be made at 14.5 MeV against (n,γ) systematics. At this energy systematic formulae can be applied with some success, which is fortunate in view of the lack of data sources that exist in the experimental database. Figure 34 clearly demonstrates that when a histogram of C/S values is plotted for all the 812 (n,γ) total cross sections, 80% of the data are within the range 0.8 - 1.25. The second peak at around 2 to 3 on the abscissa present in EAF-2007, (~90 reactions), has been removed. These ratios originated from older evaluations, which are generally of reasonable quality, except in the pre-equilibrium range, where an approximate treatment was applied. These data sources have been replaced or PEQ correction applied. The small number of reactions with very small values of C/S are all for very low mass targets for which the systematics are not applicable. Figure 35 shows C/S values for the (n,γ) reaction at 30 keV. A rather

good agreement, centred around unity, is obtained after correcting the basic formula, as discussed in detail in [172].
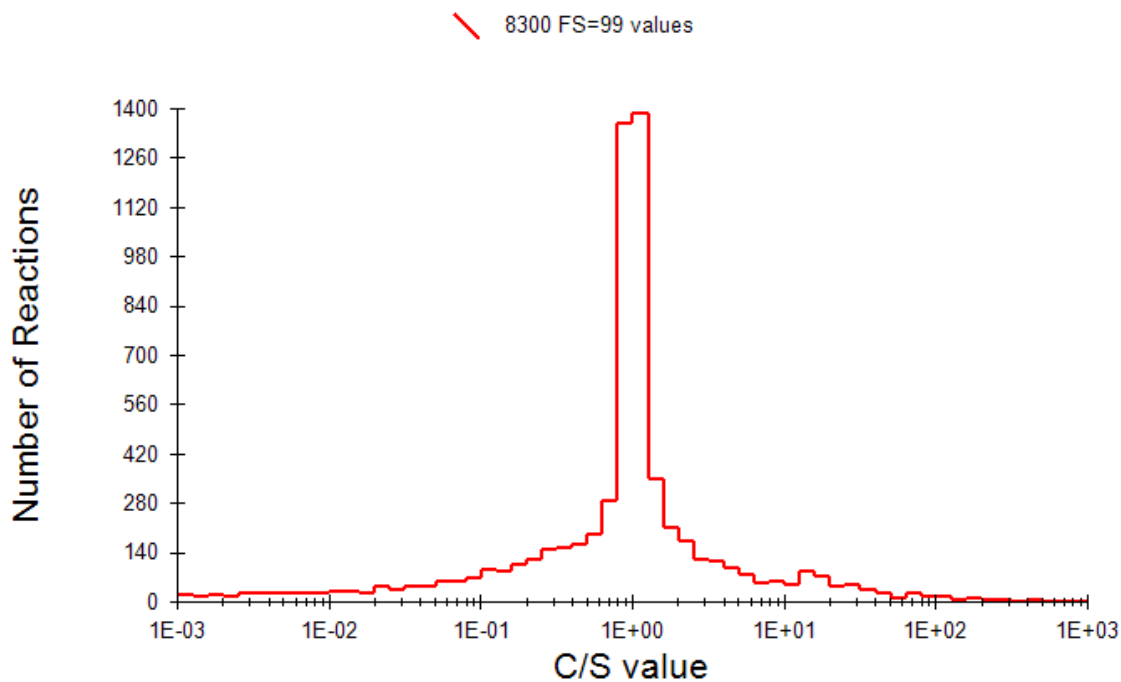
Figure 21. C/S distribution at 14.5 MeV for all reactions in EAF-2010
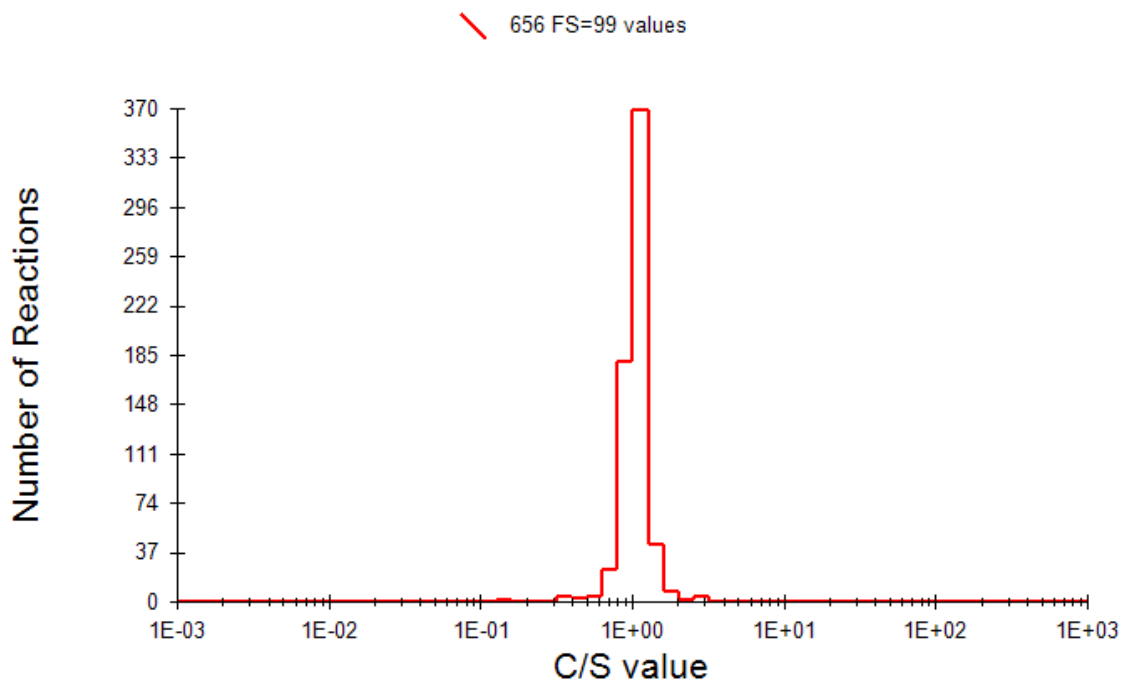
Figure 22. C/S at 14.5 MeV for (n,2n) in EAF-2010
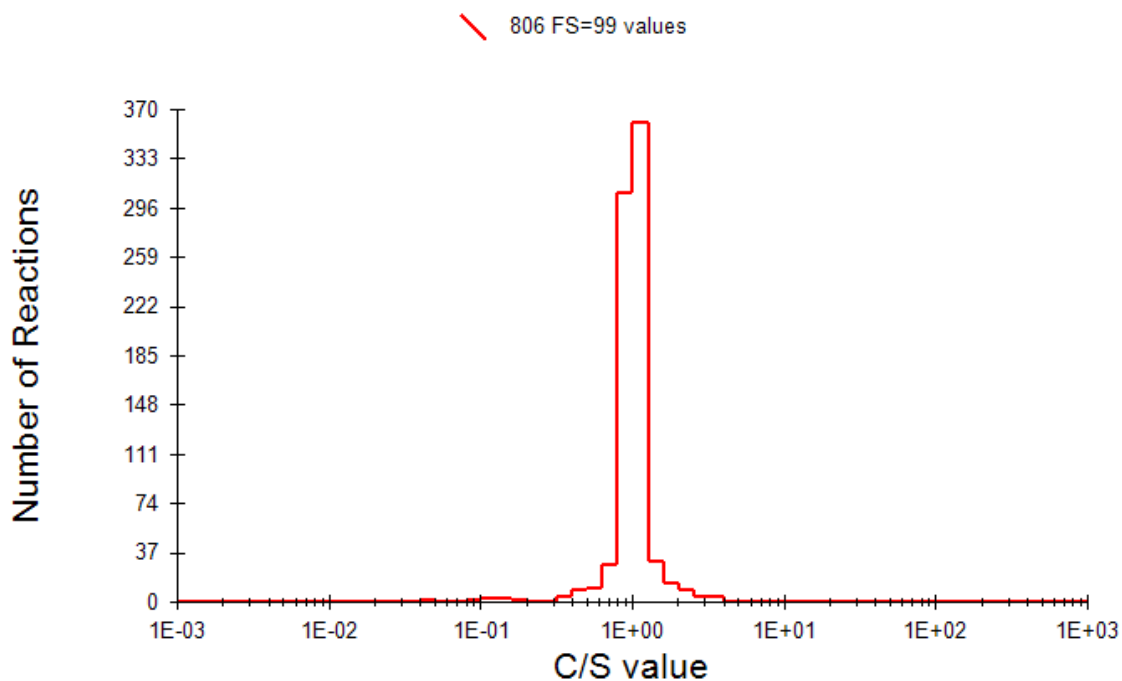
Figure 23. C/S distribution at 14.5 MeV for (n,α) in EAF-2010
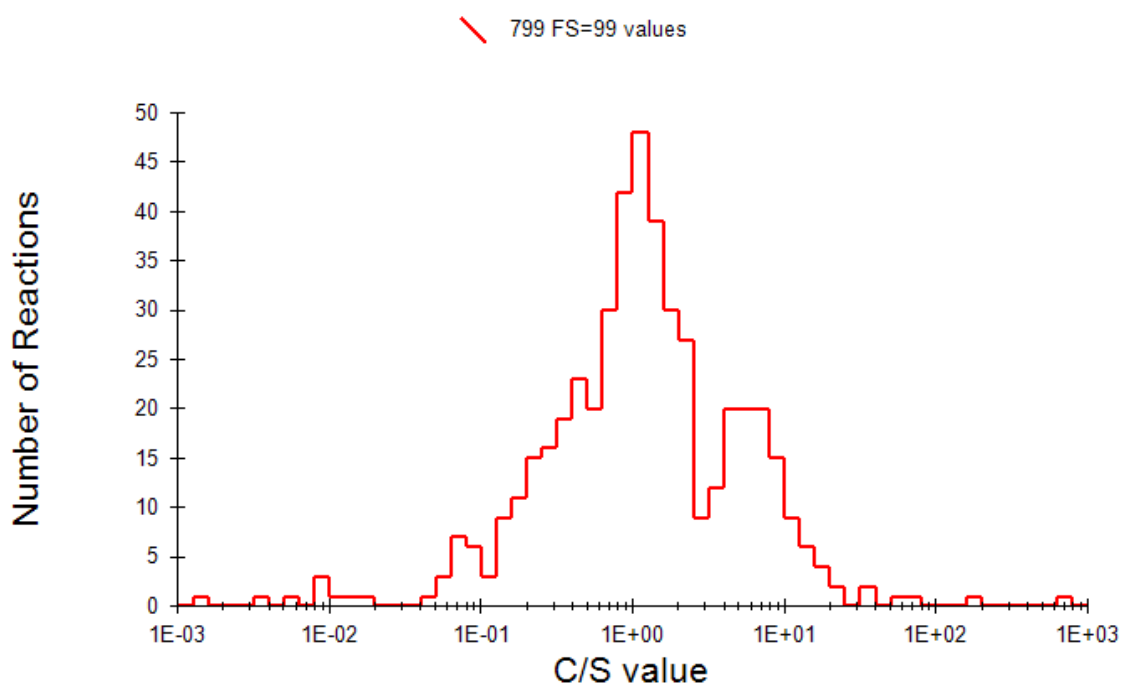
Figure 24. C/S distribution at 14.5 MeV for (n,d) in EAF-2010, alternate formula used.
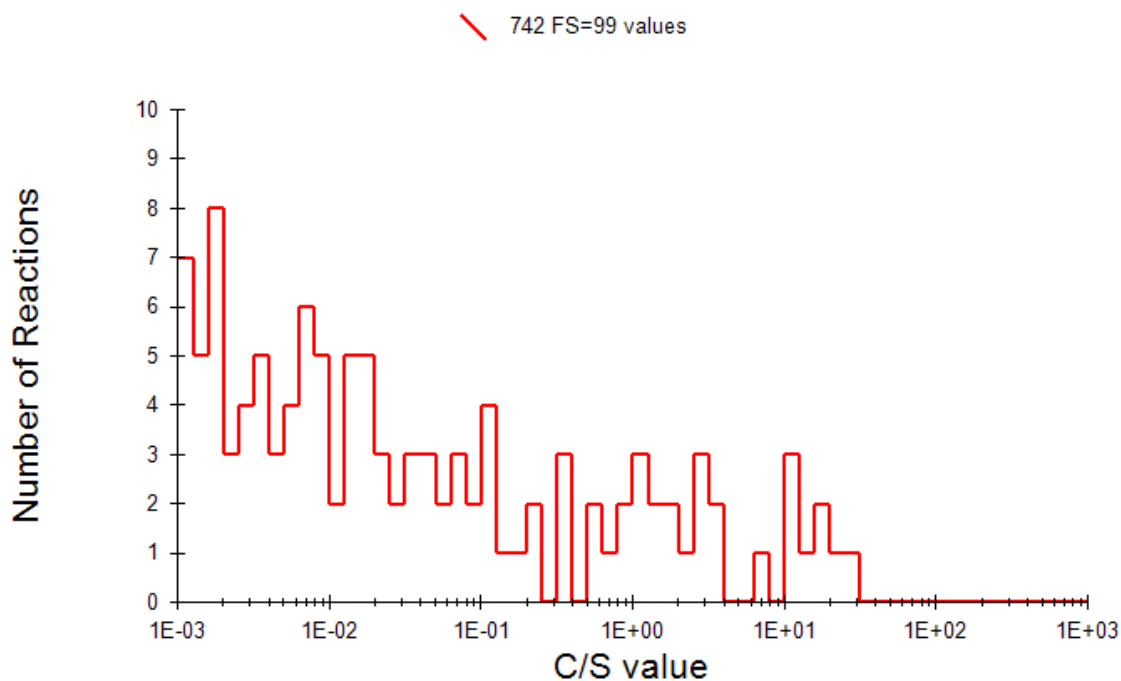
Figure 25. C/S distribution at 14.5 MeV for (n,h) in EAF-2010.
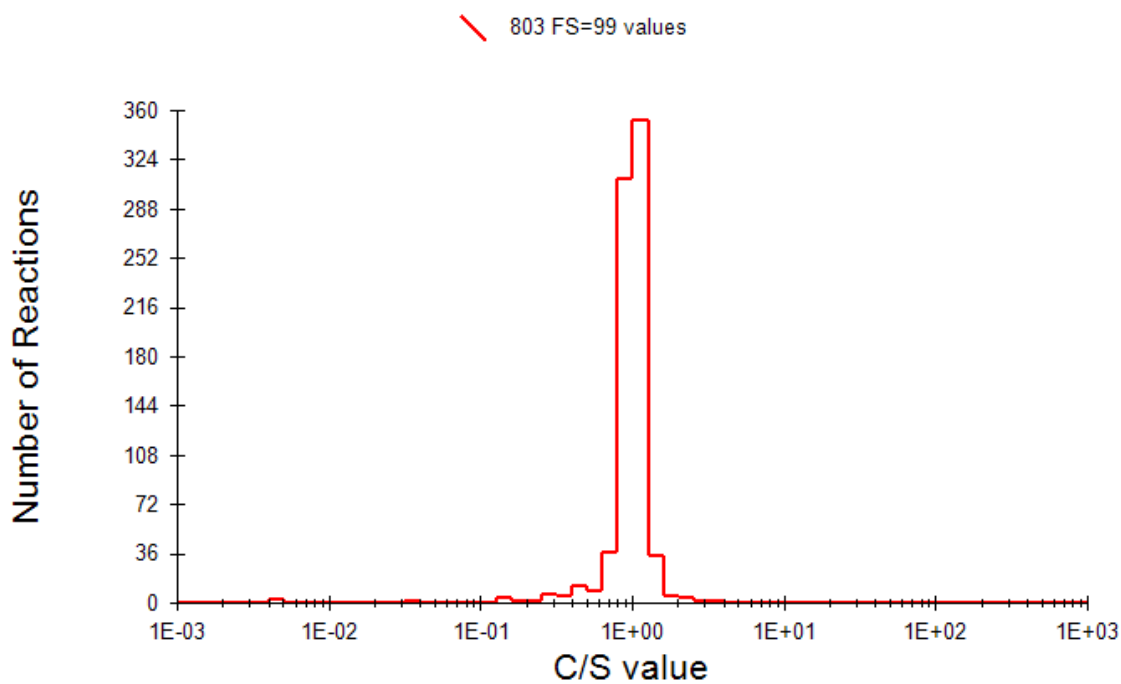
Figure 26. C/S distribution at 14.5 MeV for (n,p) in EAF-2010.
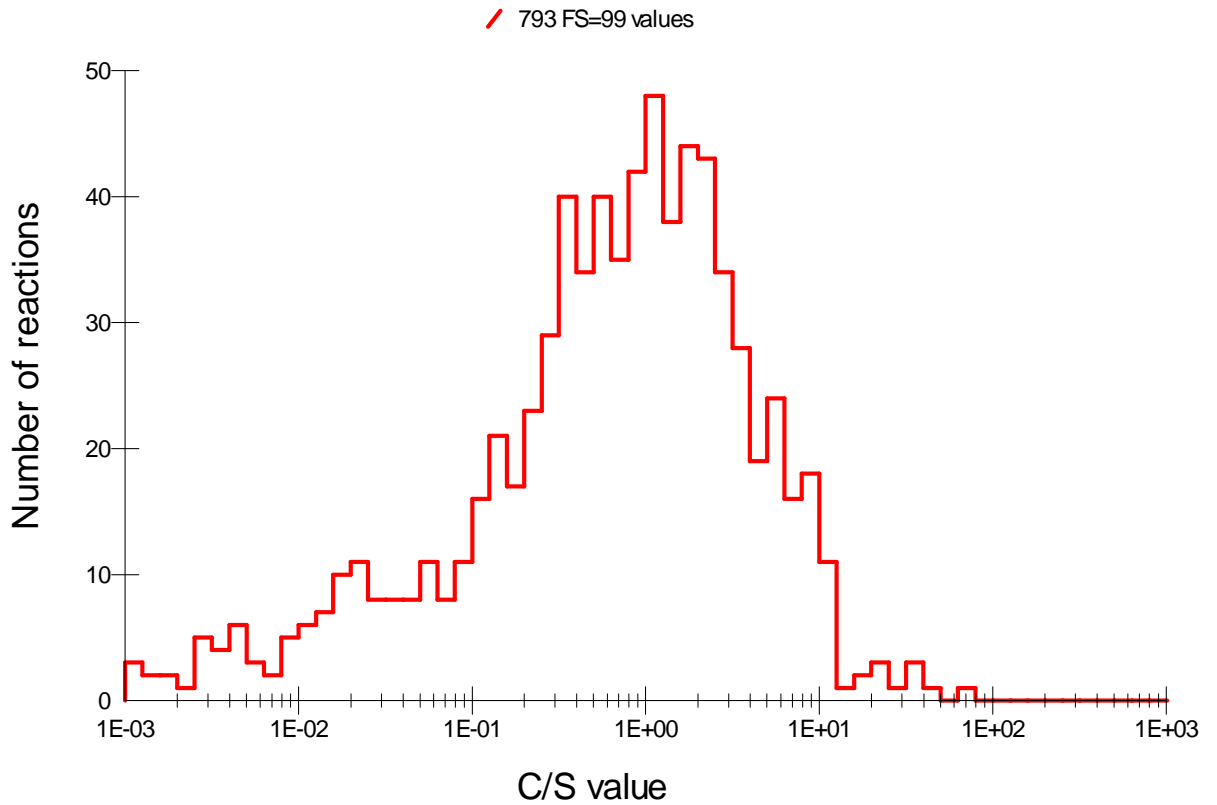
Figure 27. C/S distribution at 14.5 MeV for (n,p) in EAF-2010
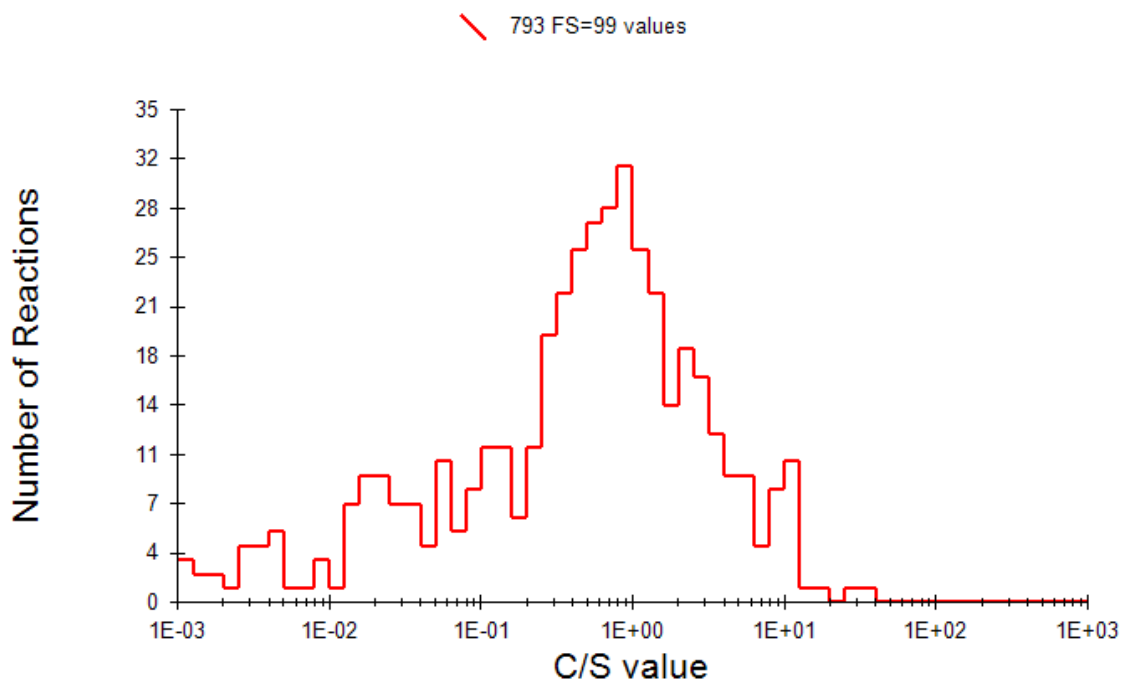
Figure 28. C/S distribution at 14.5 MeV for (n,t) in EAF-2010, alternate formula used
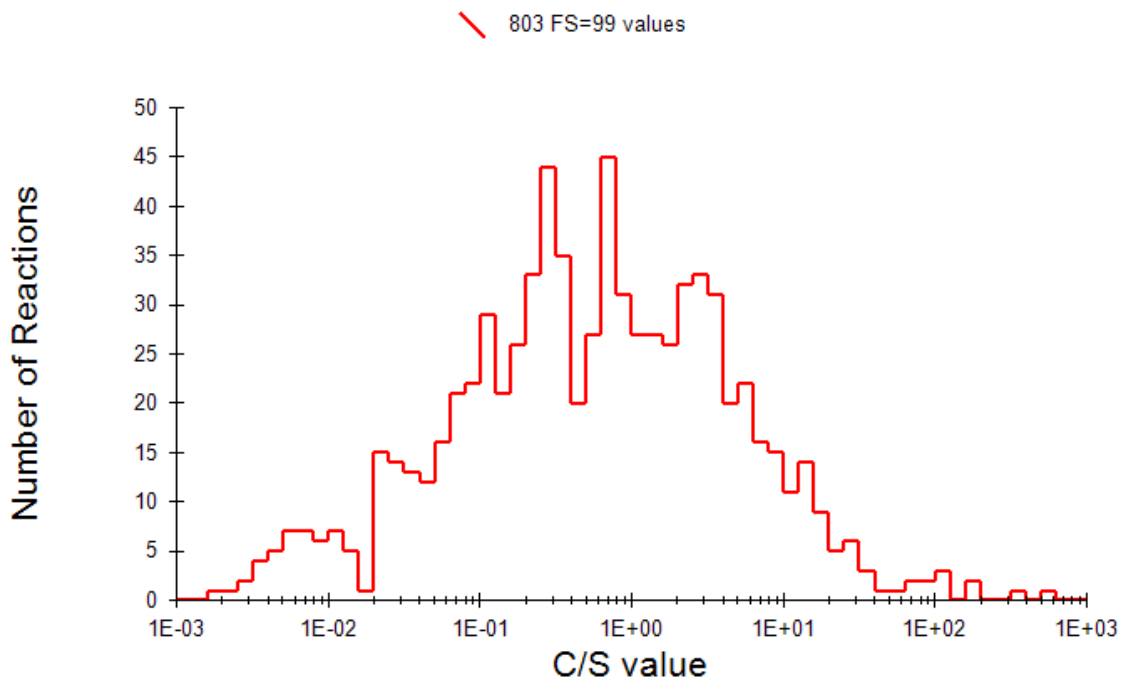
Figure 29. C/S distribution at 14.5 MeV for (n,n′α) in EAF-2010.
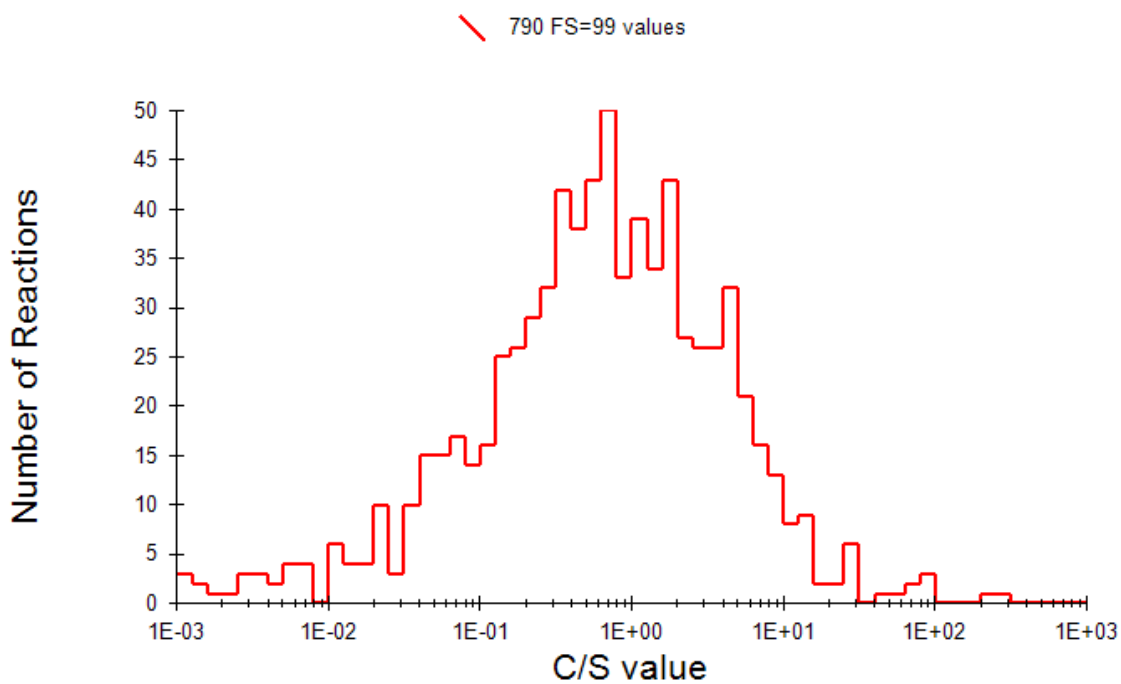
Figure 30. C/S distribution at 14.5 MeV for (n,n′p) in EAF-2010
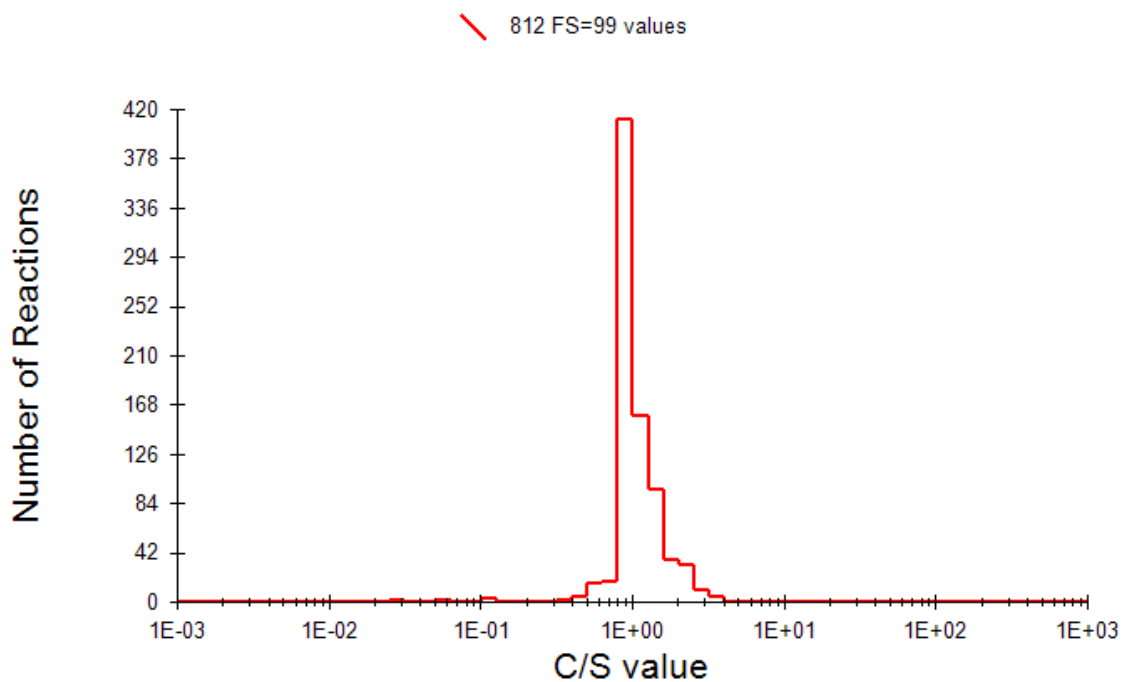
Figure 31. C/S distribution at 14.5 MeV for (n,γ) in EAF-2010.
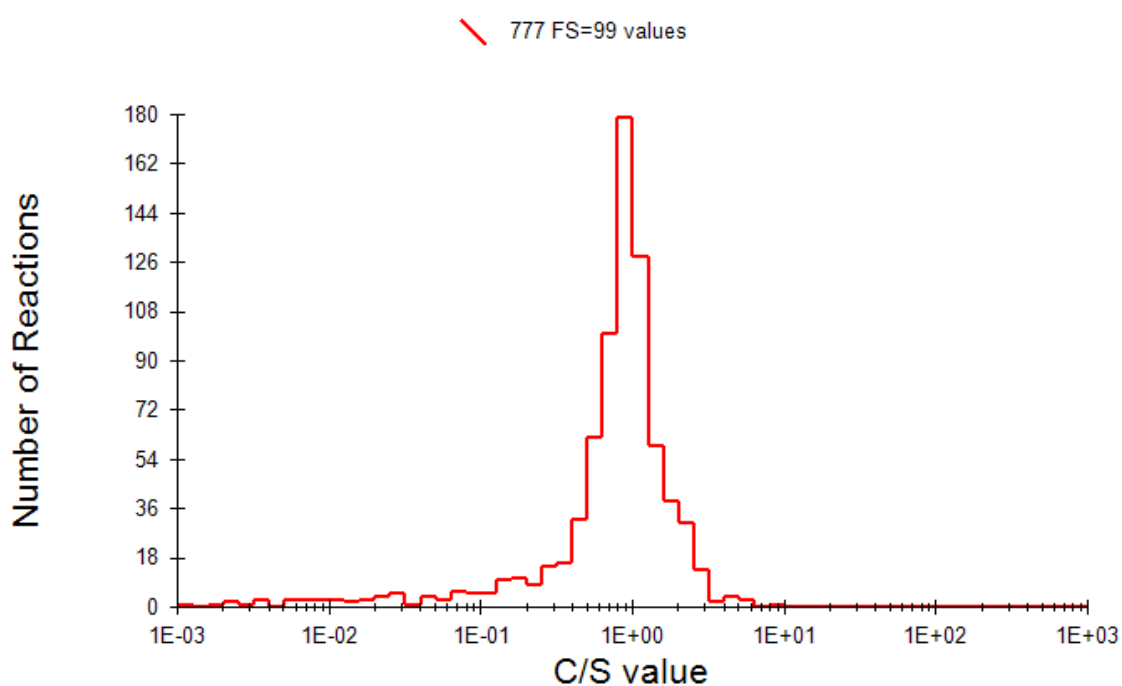
Figure 32. C/S distribution at 30 keV for (n,γ) in EAF-2010.
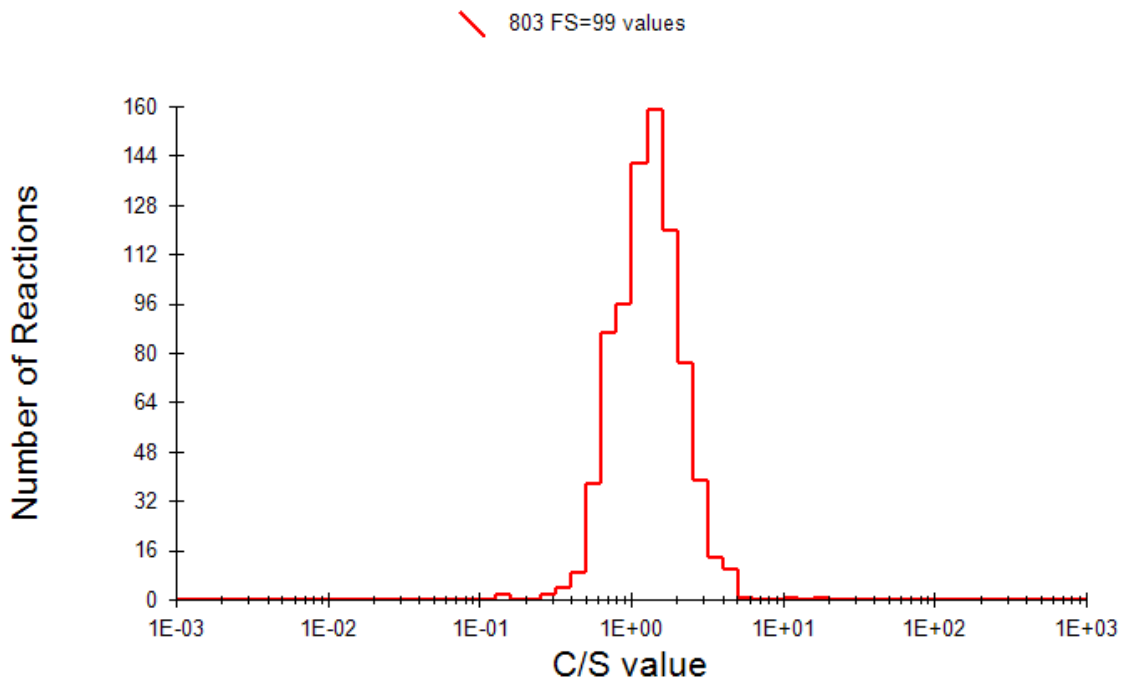
Figure 33. C/S distribution at 20.0 MeV for (n,p) in EAF-2010
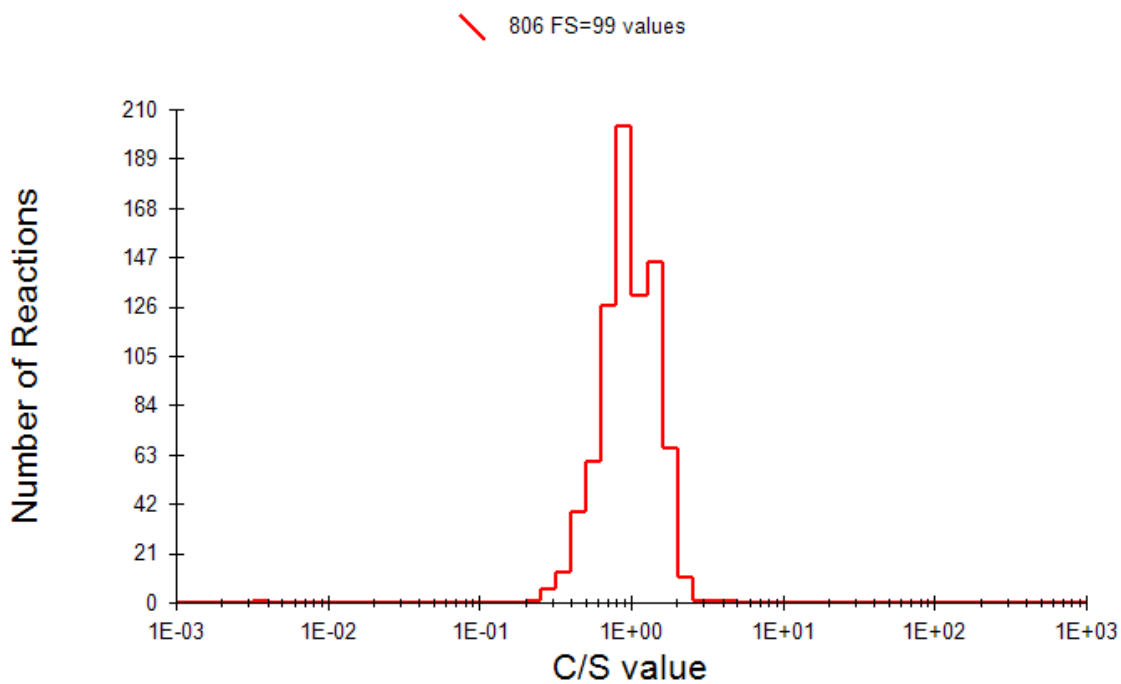
Figure 34. C/S distribution at 20.0 MeV for (n,d) in EAF-2010
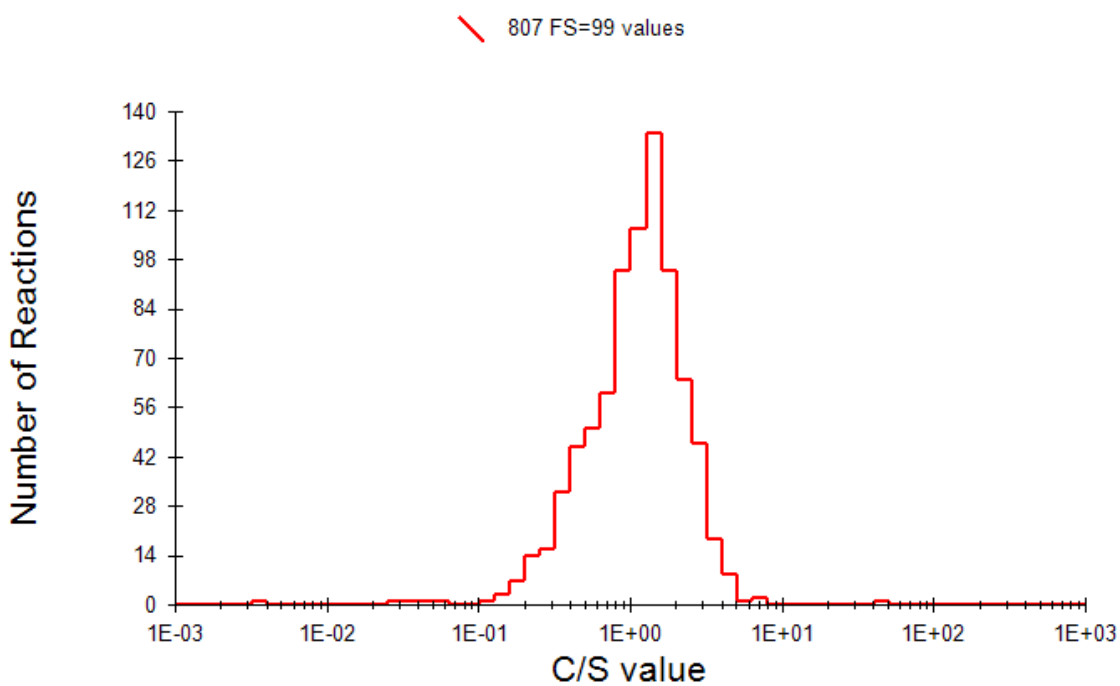
Figure 35. C/S distribution at 20.0 MeV for (n,t) in EAF-2010
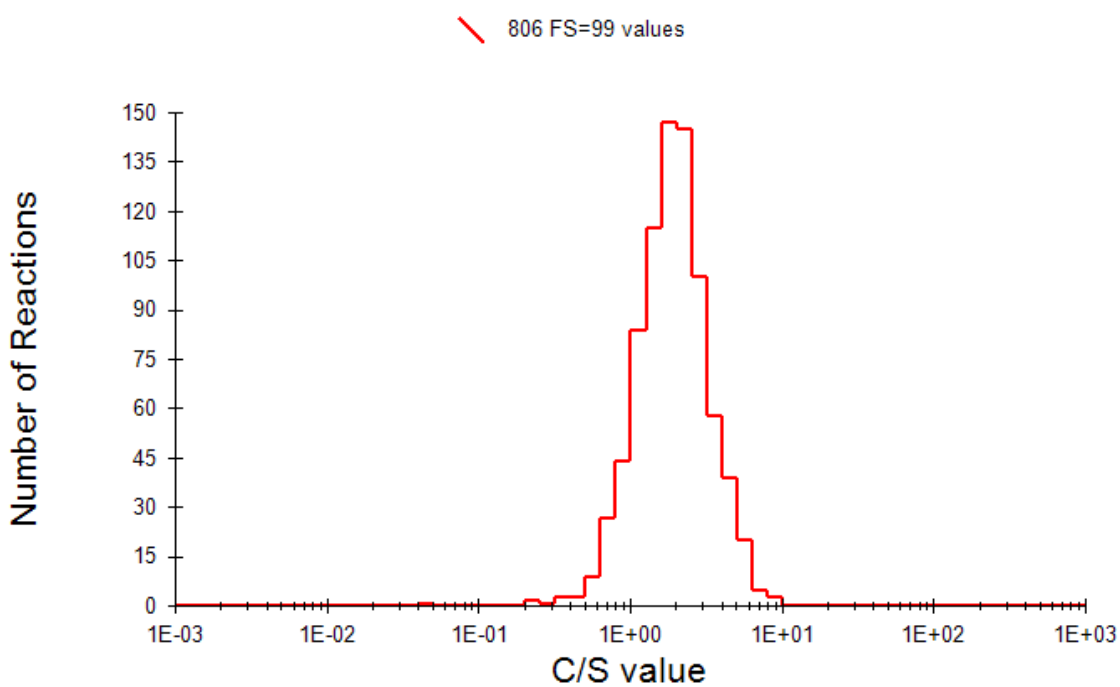
Figure 36. C/S distribution at 20.0 MeV for (n,α) in EAF-2010.
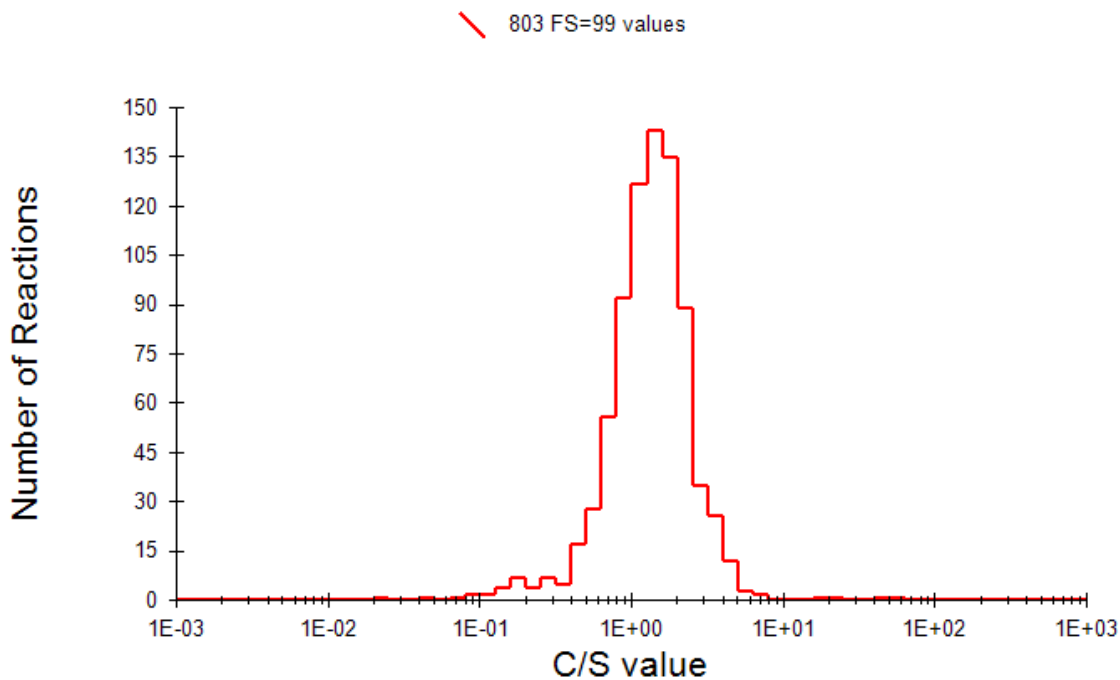
Figure 37. C/S distribution at 20.0 MeV for (n,n′p) in EAF-2010.

SACS validation

Standard quantities investigated in the SACS method [173] are σ_{max}, E_{max}, the full width at half maximum (FWHM), Δ, and a recently added parameter called skewness, k, defined as $k = (\Delta_R - \Delta_L) / \Delta$. Where Δ_R and Δ_L are left- and right widths at half maximum from the E_{max} energy point, respectively, such that their sum equals Δ. For the majority of reactions $A < 20$ data and actinide targets are not considered. The reason is that for low-A targets the reaction mechanism is often of a non-statistical character, which may result in a strong influence on the behaviour of the shape and magnitude of the excitation curve. Further the actinide targets are omitted, where the competition of fission with all the particle emission channels strongly influences the magnitude of cross sections, which thus may again cause a deviation from the trend.

(n,2n) reaction

The (n,2n) cross section data have been corrected for competing (n,n′p) cross sections for $s \leq 0.1$. The eye guiding trends are also plotted in order to demonstrate the smooth trend of SACS parameters as a function of asymmetry. The omitted targets, if any, are also given in the plots, below the heading.
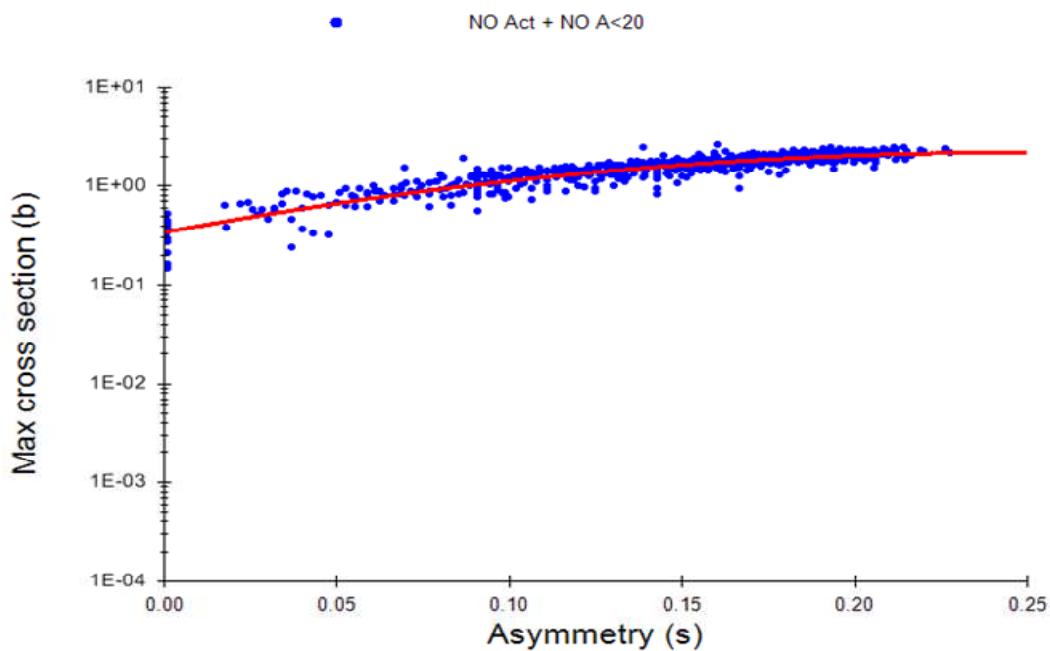
Figure 38. (n,2n) + (n,n′p) SACS plot: maximum cross section versus asymmetry. Actinides and *A*<20 data points are excluded.
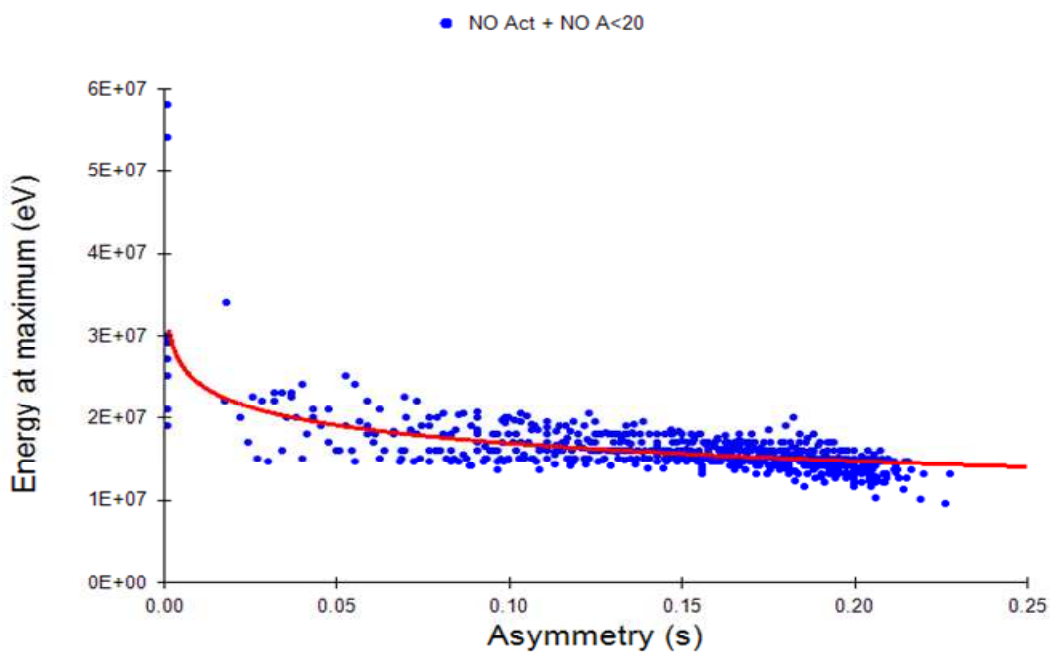
Figure 39. (n,2n) SACS plot: energy at maximum cross section versus asymmetry. Actinides and *A*<20 data points are excluded.
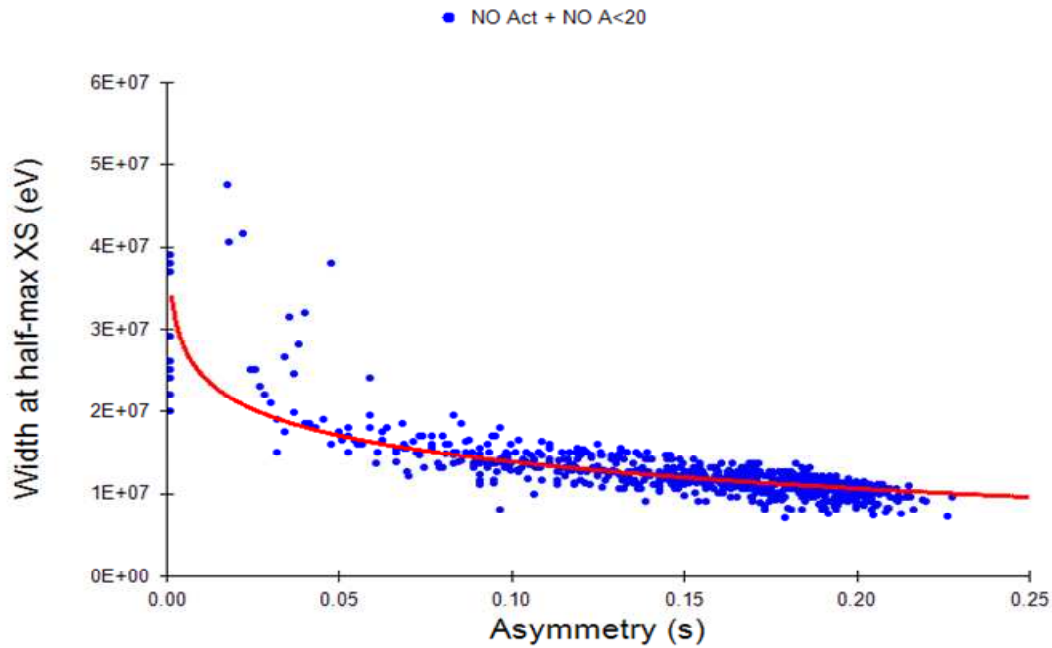
Figure 40. (n,2n) SACS plot: width at half-maximum cross section versus asymmetry. Actinides and $A<20$ data points are excluded. Deviating points below $s = 0.05$ are neutron deficient targets ^{21}Ne, ^{45}Ti, ^{50}Cr, ^{52}Mn, ^{54}Fe, ^{57}Ni, ^{56}Co and ^{68}Ge.
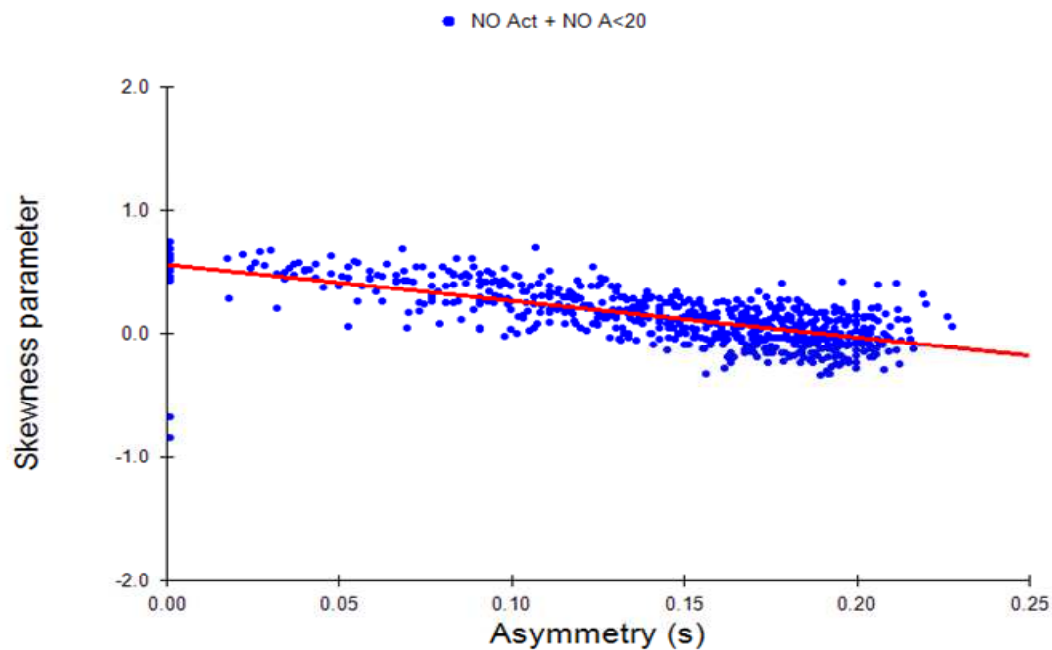
Figure 41 (n,2n) SACS plot: skewness parameter versus asymmetry. Actinides and $A<20$ data points are excluded

It can be concluded that the (n,2n) data are in a good agreement with the expected smooth behaviour of studied SACS quantities. The deviating data belong to neutron deficient targets that are away from

the stability line, where probably the global input parameters do not properly describe the neutron emission.

In the actinides range mass region the (n,2n) and (n,f) channels are the two dominating reactions of the inelastic cross section below 20 MeV. Their sum is slowly increasing with A and the asymmetry s, similarly to the σ inelastic increase. In two following plots the $\sigma_{n,2n} + \sigma_f$ value for EAF-2007 and EAF-2010 have been plotted. The improvement in EAF-2010 is visible for data points with $s > 0.20$, with much a more smooth data distribution. This has been achieved by individual corrections applied to σ_{max} of (n,2n) reaction bearing in mind large σ_f uncertainty for minor actinides. The larger scatter for targets with $s < 0.1$ is due to (n,n'p) competition, which in these plots has not been corrected for.
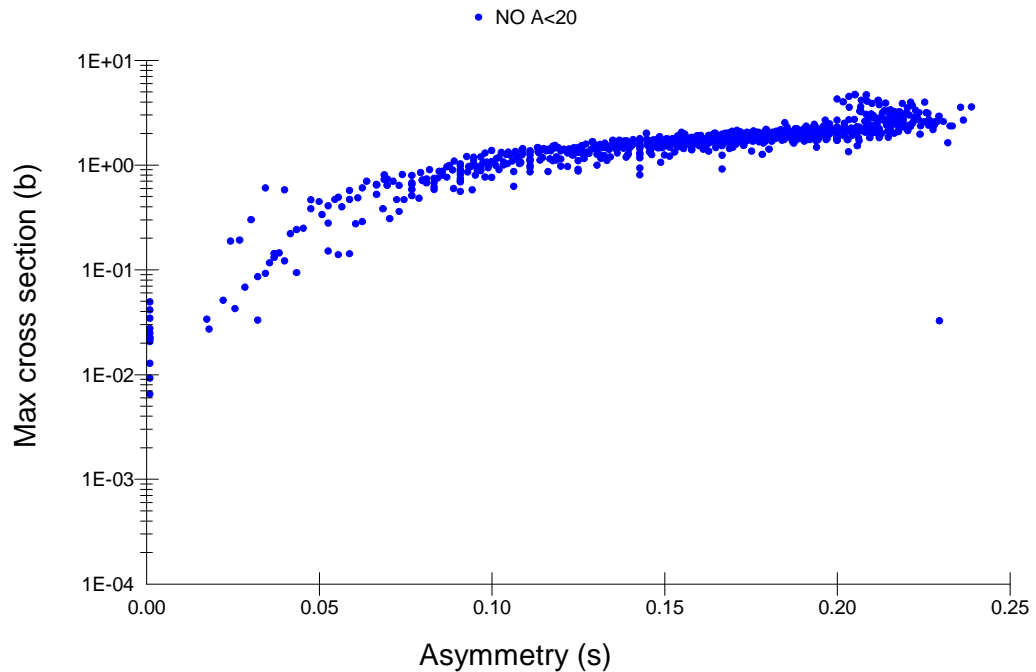
Figure 42. (n,2n) + (n,f) SACS plot using EAF-2007 data: maximum cross section versus asymmetry. *A*<20 data points are excluded
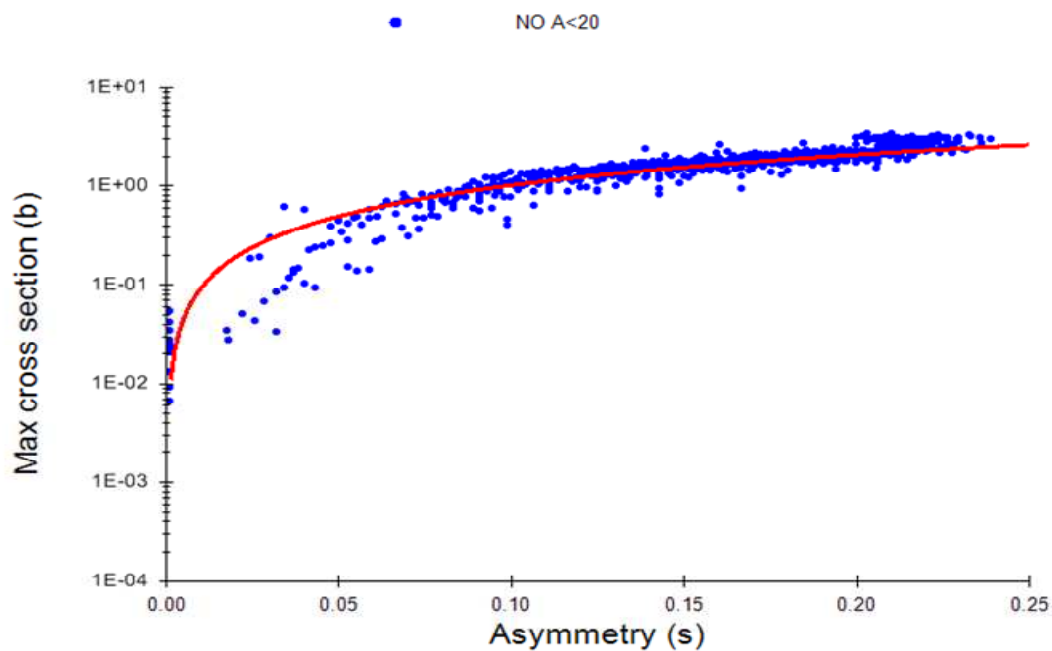
Figure 43. (n,2n) + (n,f) SACS plot using EAF-2010 data: maximum cross section versus asymmetry. *A<20* data points are excluded.

(n,3n) reaction
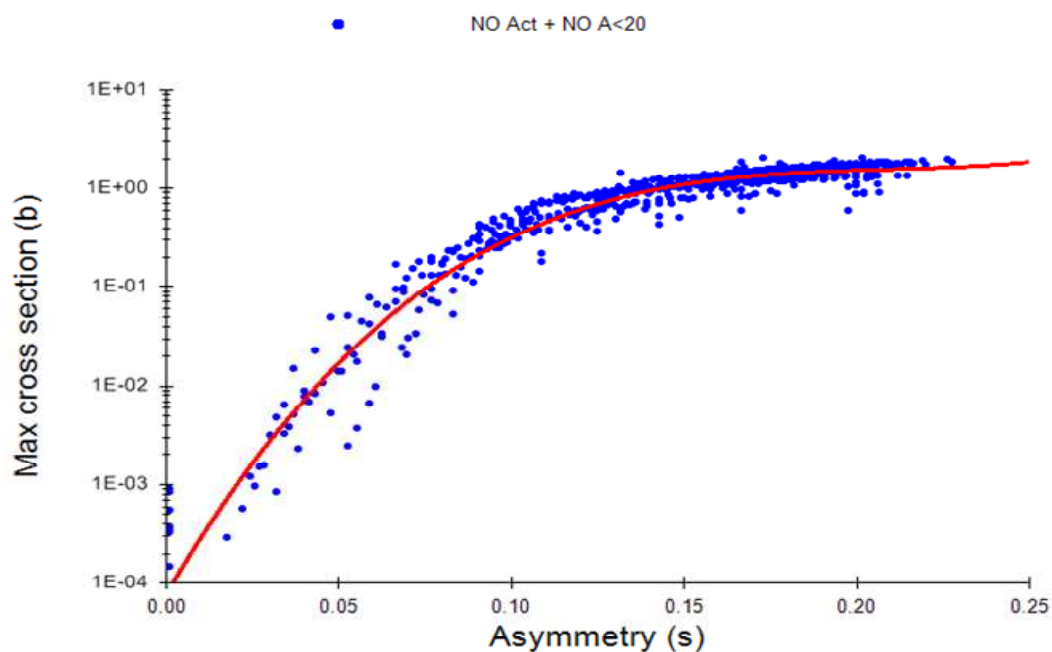
Figure 44. (n,3n) SACS plot: maximum cross section versus asymmetry. Actinides and *A<20* data points are excluded.
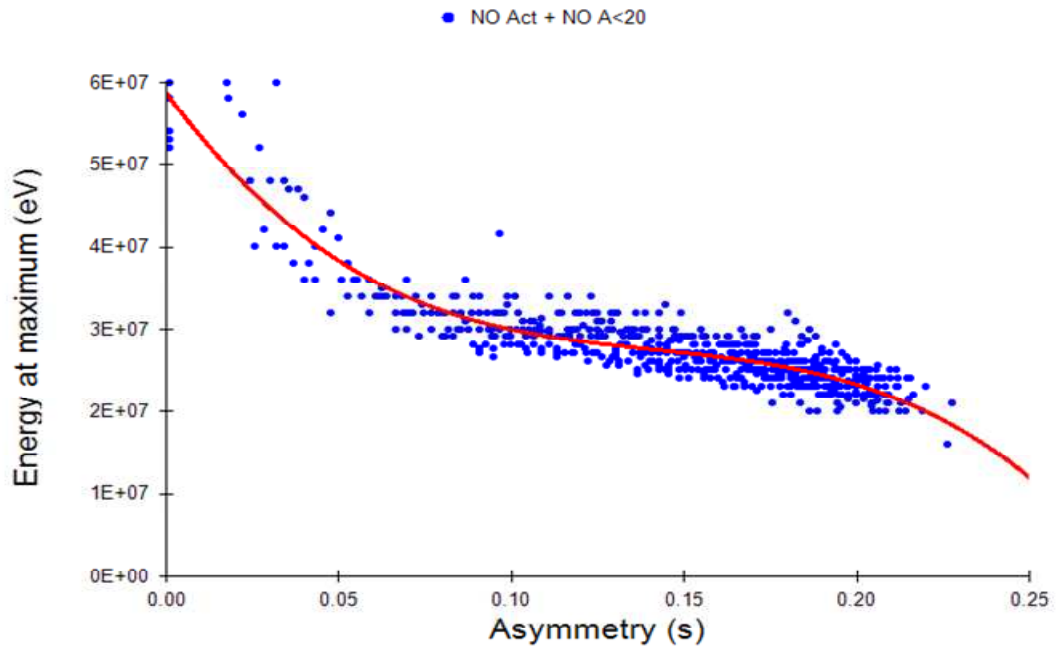
Figure 45. (n,3n) SACS plot: energy at maximum cross section versus asymmetry. Actinides and *A*<20 data points are excluded.

The deviating points close to E_{max}= 60 MeV belong to neutron deficient targets, where apparently a large uncertainty exist in all neutron emission data, as an example the ^{62}Zn data can be mentioned ($s = 0.03$). The other outlaying point at $s = 0.1$ belongs to ^{93m}Mo.

Model (TALYS) calculations can lead to significant differences in profile and this is mainly due to differences in the input parameters used, in particular the level densities. However, the (n,3n) modelled data remain unaffected.
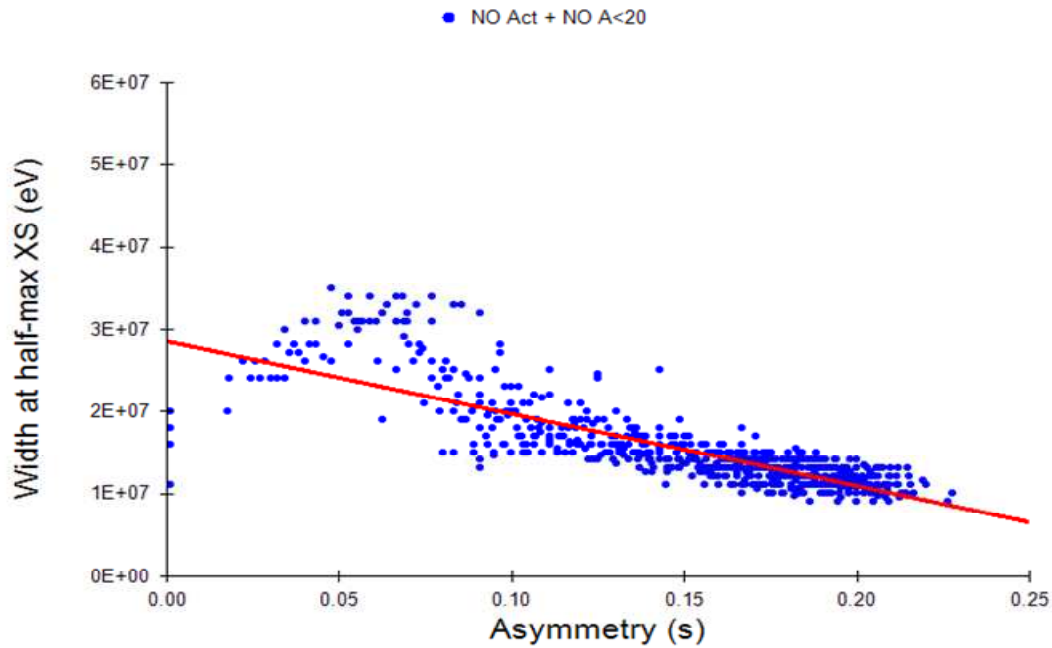
Figure 46. (n,3n) SACS plot: width at half-maximum cross section versus asymmetry. Actinides and $A<20$ data points are excluded.
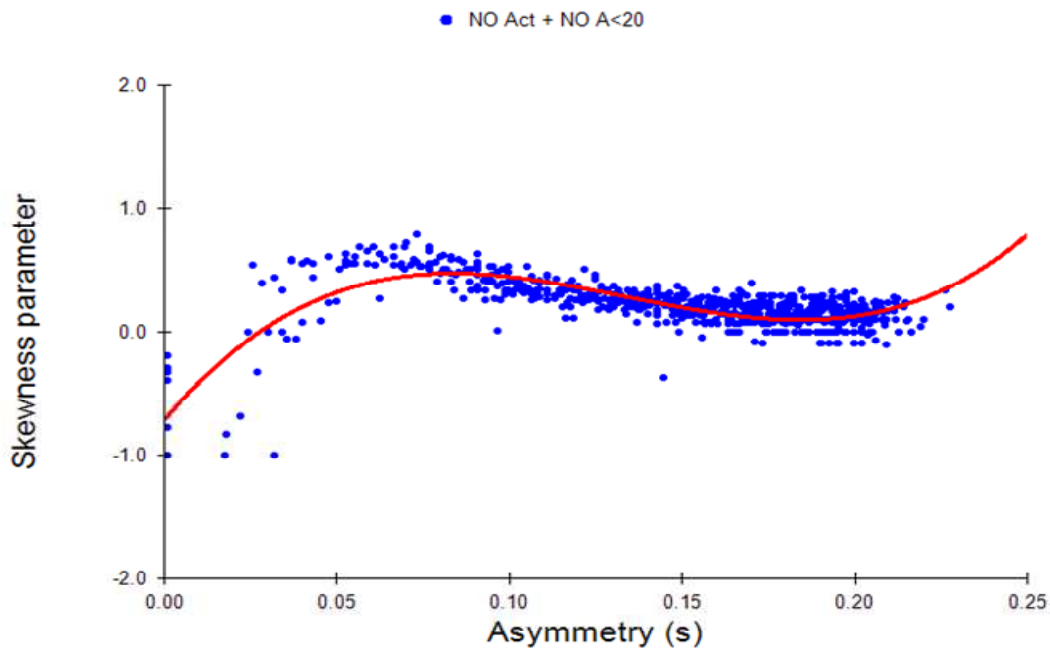
Figure 47. (n,3n) SACS plot: skewness parameter versus asymmetry. Actinides and $A<20$ data points are excluded.

The majority of targets with asymmetries $s < 0.1$ are mainly neutron deficient targets, where the emission of 4 neutrons is very weak, and the (n,3n) reaction often dominates the neutron emission above the (n,2n) range and up to 60 MeV. This explains the broadening of Δ

and the negative skewness values, explained by the fact that the excitation curve exceeds the 60 MeV energy limit.

(n,p) reaction
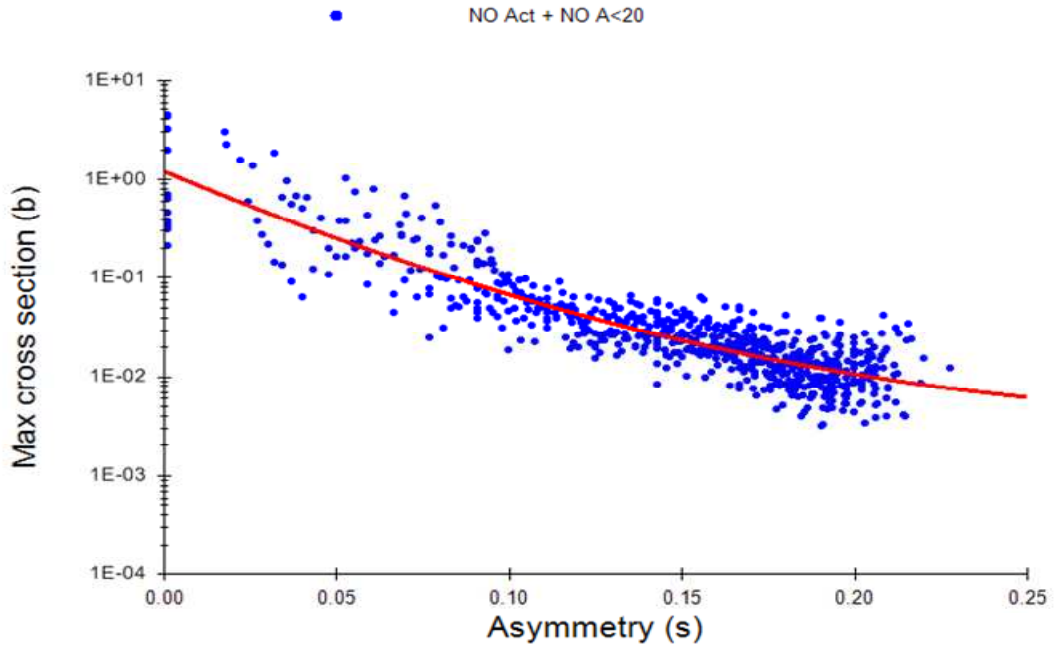
Figure 48. (n,p) SACS plot: maximum cross section versus asymmetry. Actinides and *A<20* data points are excluded.
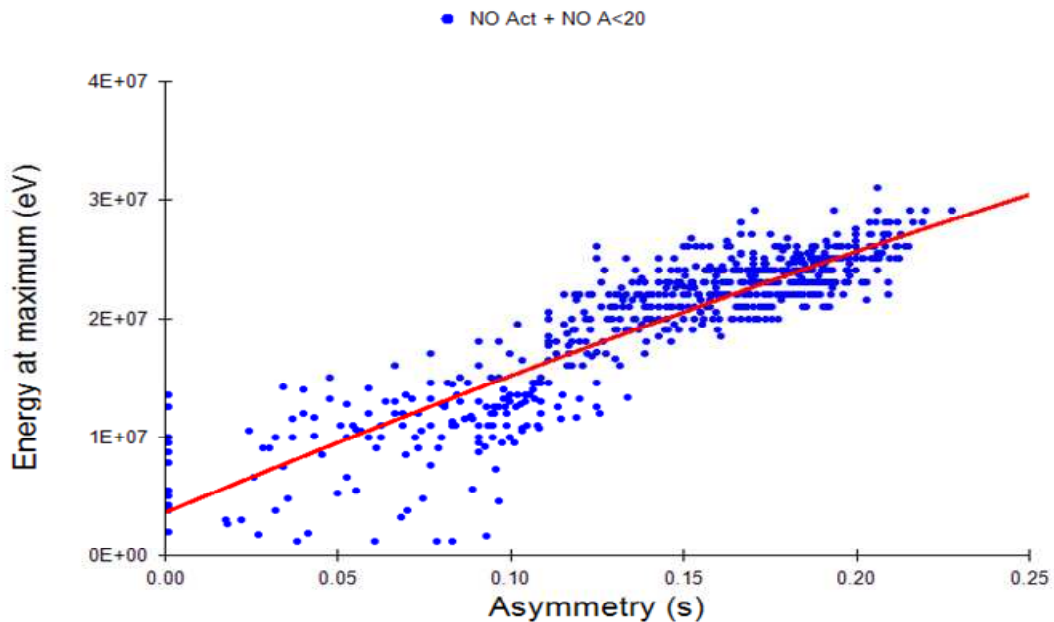
Figure 49. (n,p) SACS plot: energy at maximum cross section versus asymmetry. Actinides and *A<20* data points are excluded.

Points with E_{max} close to zero belong to non-threshold reactions with a large estimated cross section from TALYS calculation, based on the assumption of $\sigma(n,\gamma)/\sigma(n,p)$=const at low energies [170].
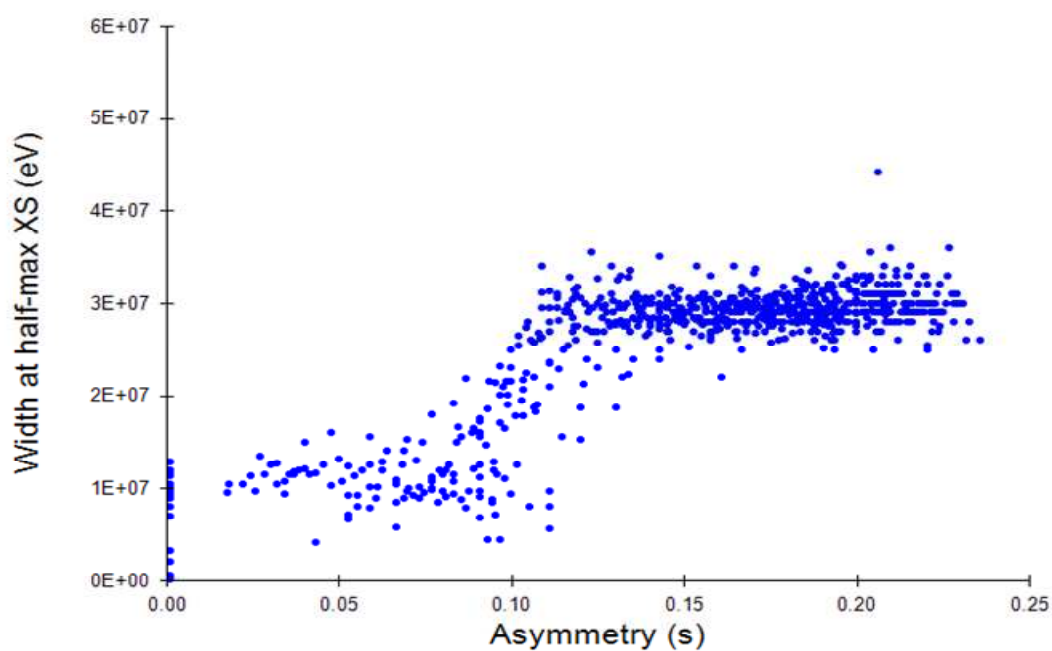
Figure 50. (n,p) SACS plot: width at half-maximum cross section versus asymmetry.

The outlaying point above $s = 0.2$ belongs to isomeric target ^{194n}Ir. The step-wise shape of the curve is discussed in detail in [173,174].
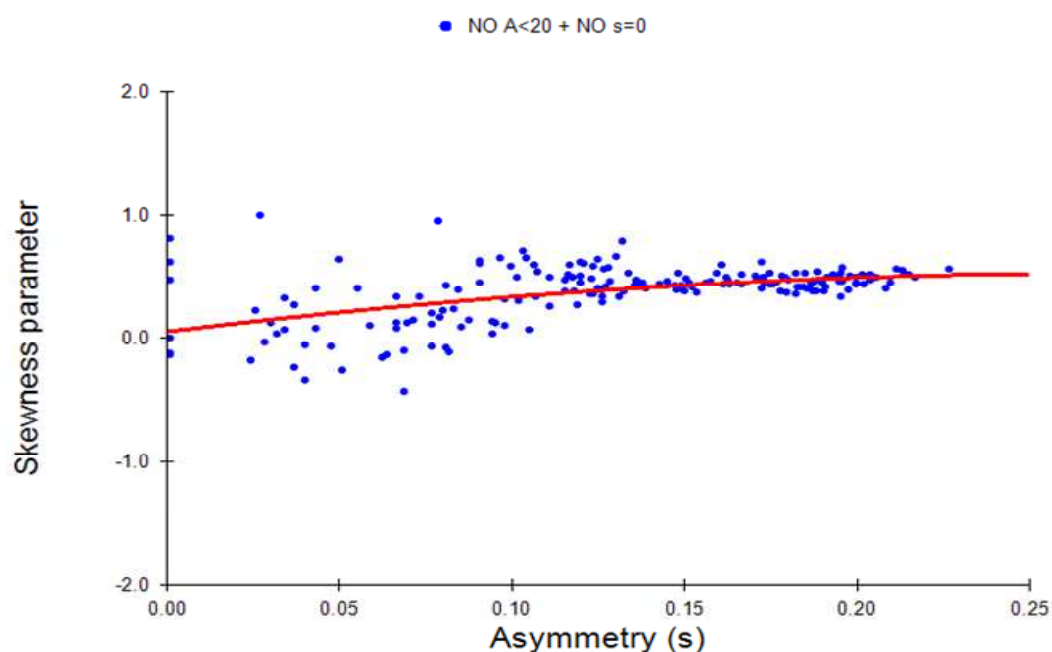
Figure 51. (n,p) SACS plot: skewness parameter versus asymmetry. *A<20* data points are excluded.

The skewness parameter should be close to $k = 0$ for targets with $s < 0.1$, based on FWHM behaviour. This is nicely shown in the last figure for Score > 0 targets, three outlaying points at $s = 0$ belong to

^{22}Na, ^{28}Si and ^{28}Al targets, while the other two below $s = 0.1$ are ^{37}Ar and ^{76}Br. All of them are threshold reactions with a similar shape as ^{86}Y(n,p) above and thus the shape deviates from an asymmetric bell form. The other outlaying data point belongs to ^{28}Si and has a pronounced low-energy resonance structure.

For the (n,p) reaction the data can be considered as in a good shape, However, a strong competition exists between neutron emission (n,2n) and (n,n′p) and (n,p) channels for targets with a neutron deficiency and asymmetries < 0.1.

(n,n′p) reaction
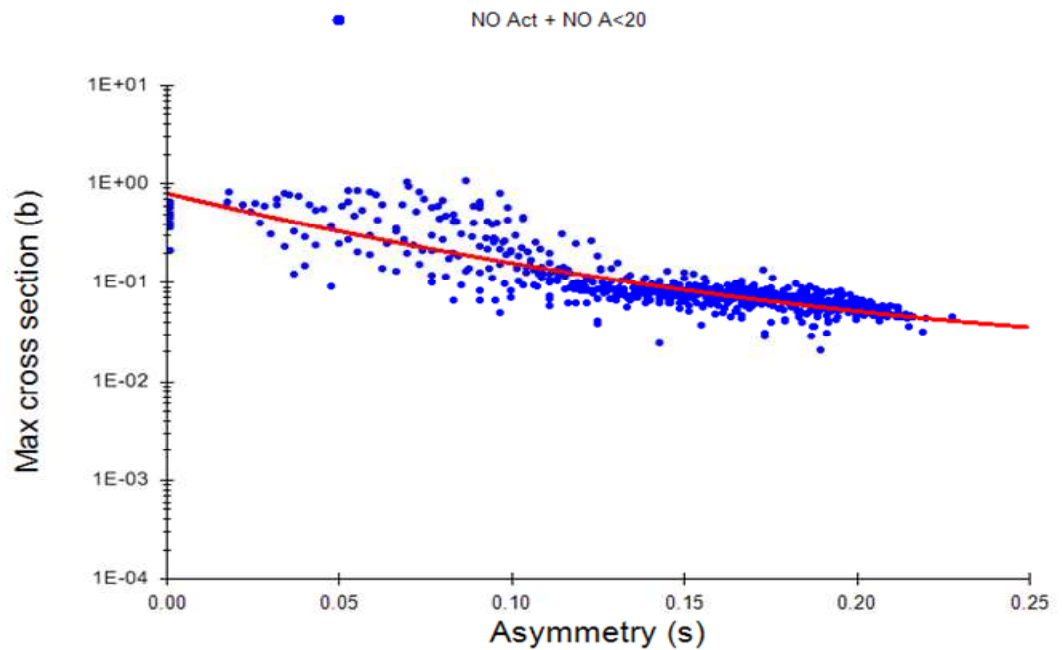
Figure 52. (n,n′p) SACS plot: maximum cross section versus asymmetry. Actinides and A<20 data points are excluded.

The experimentally observed dominant σ(n,n′p) (with cross section values close to 1b [171]) for targets with S(n) > S(p) and $|Q_{n,n'p}| < |Q_{n,2n}|$ and $s < 0.1$ is nicely demonstrated in the SACS data as step in σ_{max} for targets with $s < 0.1$.
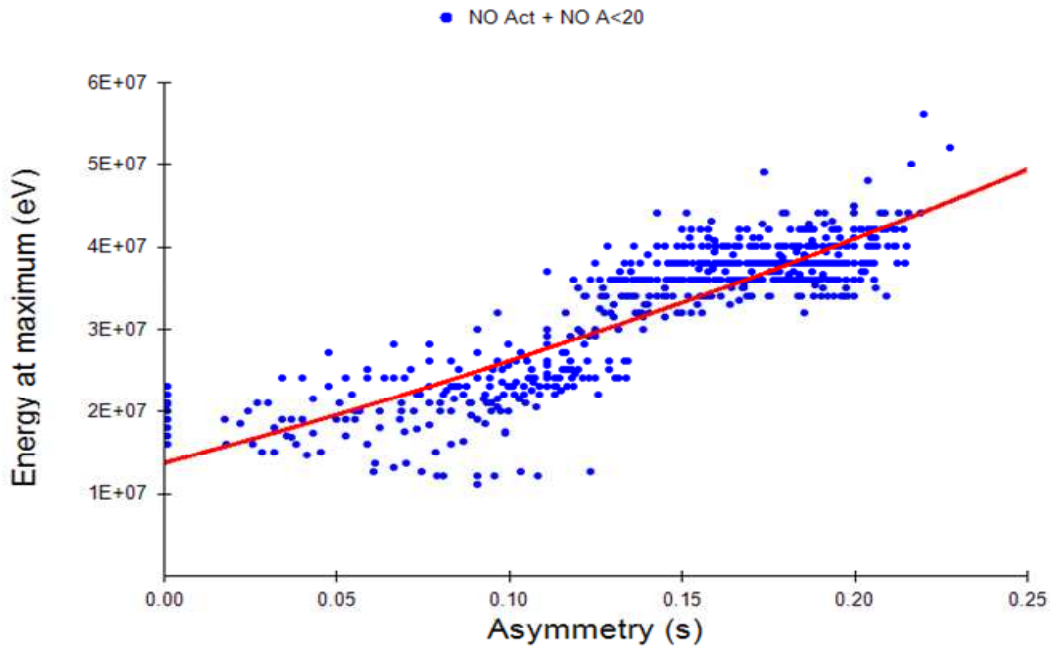
Figure 53. (n,n′p) SACS plot: energy at maximum cross section versus asymmetry.
Actinides and *A<20* data points are excluded.

The number of points with E_{max} close to 10 MeV with $0.05 < s < 0.13$ belong to targets from the transitional region in which the competition between (n,p) and (n,n′p) takes place and the FWHM of these reaction is changing from narrow to broad [174]. The possible uncertainty of the input parameters may be also the reason of this deviation.
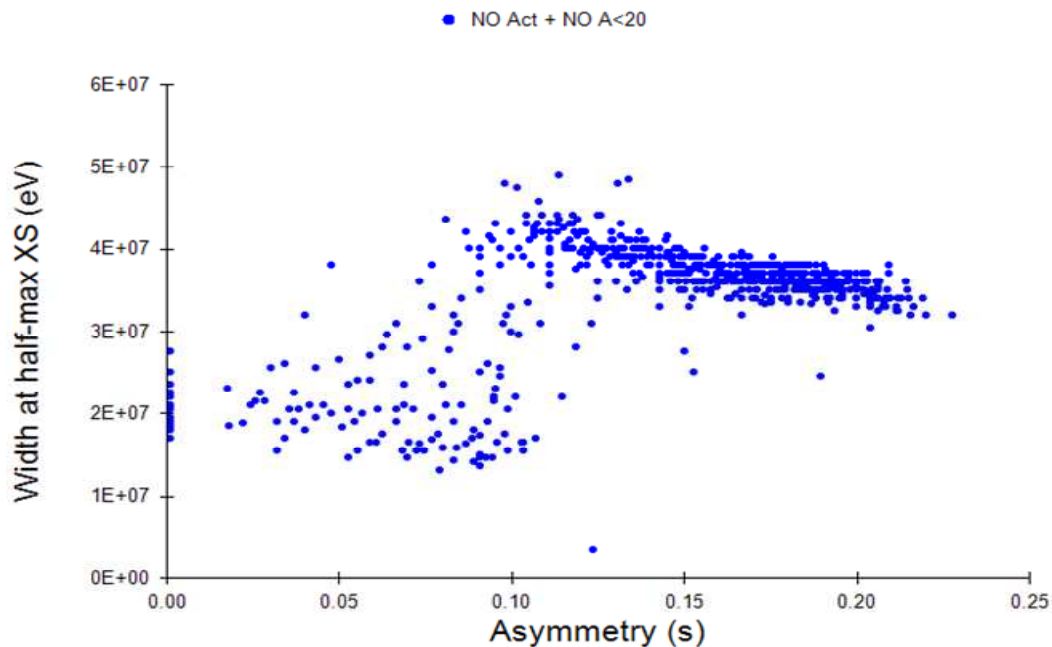
Figure 54. (n,n′p) SACS plot: width at half-maximum cross section versus asymmetry.
Actinides and *A<20* data points are excluded.

The step-like trend of the excitation curve width, similar to (n,p), verifies the observed competition of these two reactions for targets with asymmetries below 0.1. The strongly deviating point at about $s = 0.12$ belongs to ^{89}Y for which some strange profiles are examplified in model but also evaluated data files.
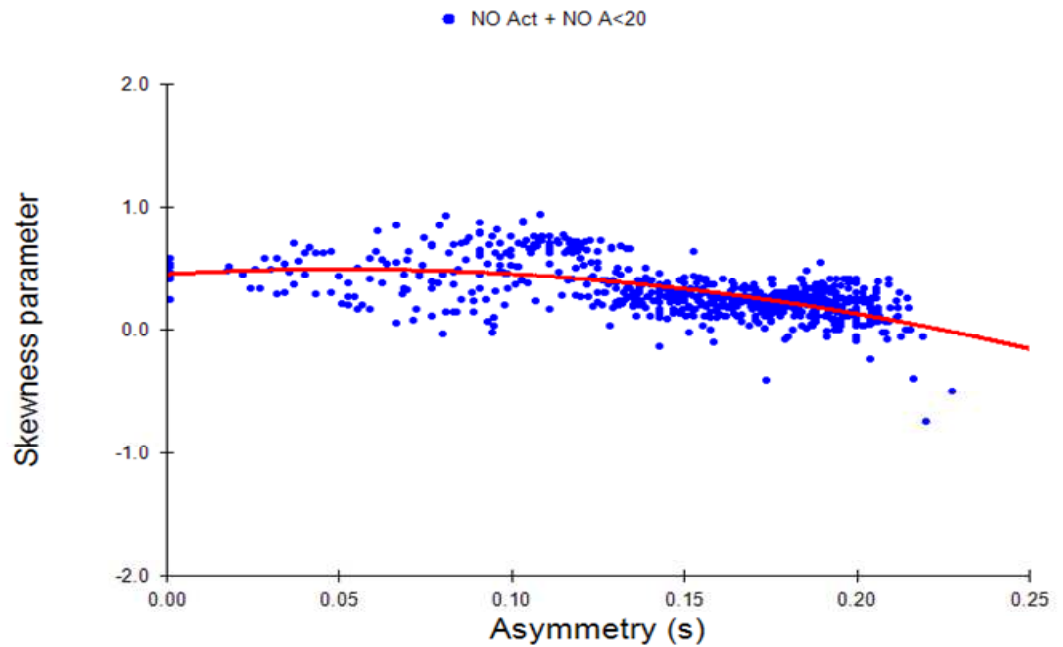
Figure 55. (n,n′p) SACS plot: skewness parameter versus asymmetry. Actinides and $A<20$ data points are excluded. The two deviating points at the end of the data belong to ^{200}Pt and ^{202}Pt targets.

For the (n,n′p) cross sections that follows a step-like behaviour for targets left from the stability line, with asymmetries < 0.1, where the competition between the neutron (n,2n) emission and the proton emission is strong more theoretical works are needed along side some experimental effort.

(n,d) reaction
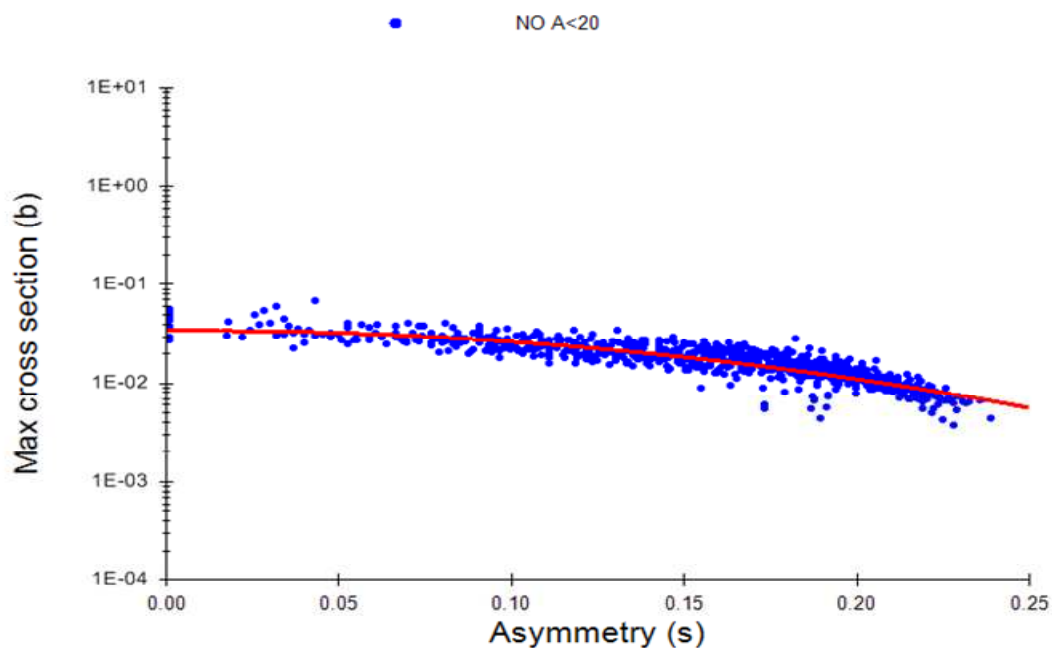
Figure 56. (n,d) SACS plot: maximum cross section versus asymmetry. *A<20* data points are excluded.
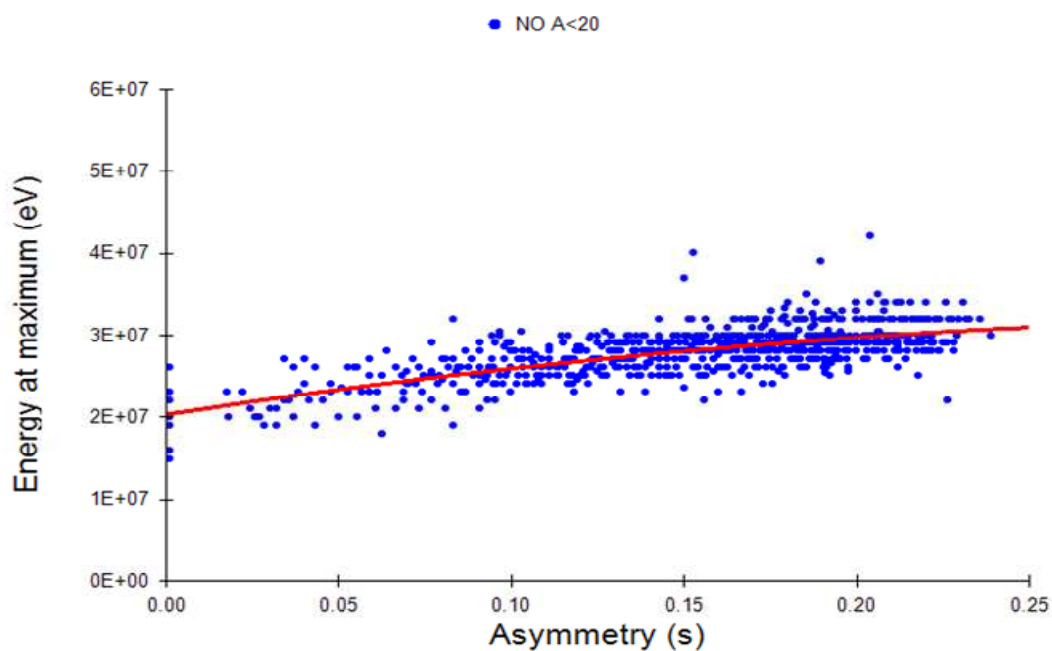
Figure 57. (n,d) SACS plot: energy at maximum cross section versus asymmetry. *A<20* data points are excluded.
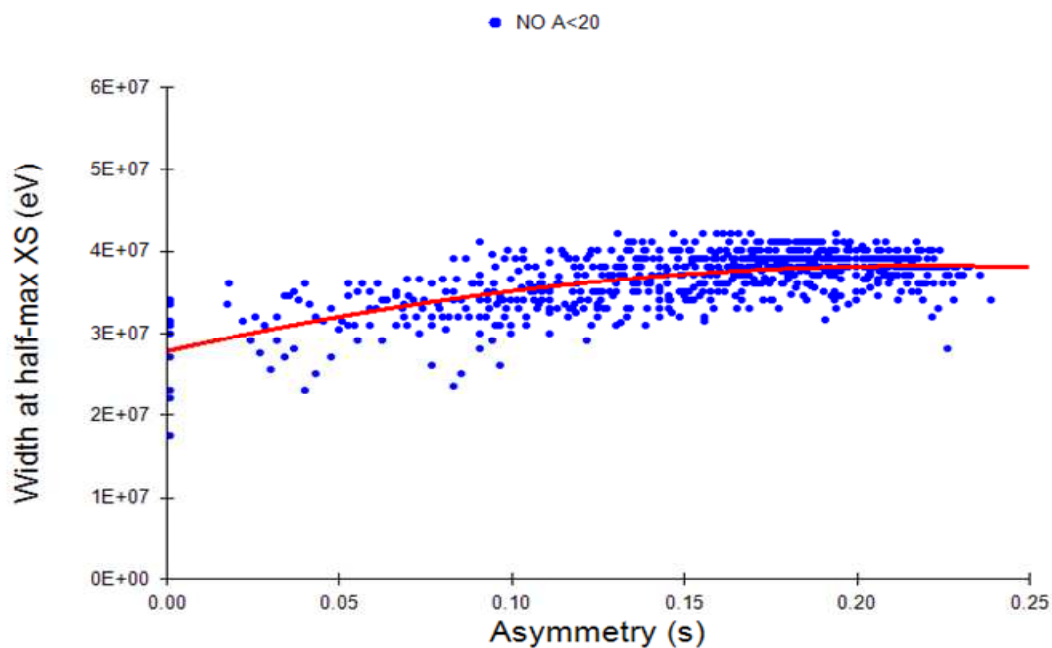
Figure 58. (n,d) SACS plot: width at half-maximum cross versus section asymmetry. *A<20* data points are excluded
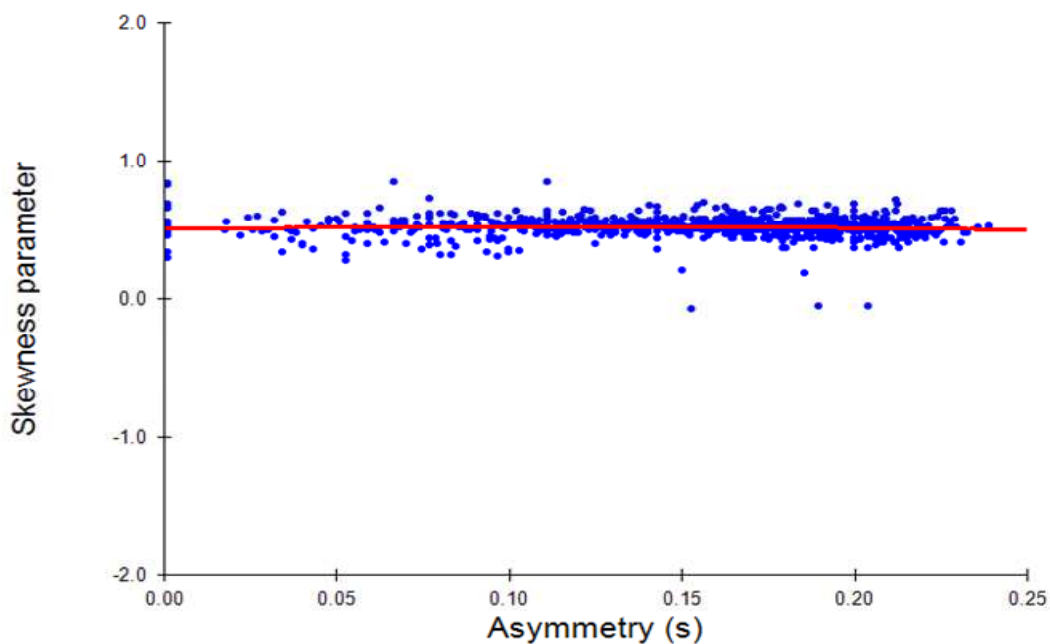
Figure 59. (n,d) SACS plot: skewness parameter versus asymmetry.

With only a few deviating points above $s = 0.15$, the (n,d) data demonstrates a rather uniform behaviour and a rather smooth trends on a wide assymetry range.

(n,t) and (n,h) reactions

The (n,t) and (n,h) reactions belong to charge-particle emission reactions with threshold close to 14.5 MeV and thus where the experimental information is rather scarce and often not reliable, mostly due to very small cross sections. However, it seems that the situation with the (n,t) reactions, based on available EXFOR experimental data is rather sound and the predicted modelled data rather uniform. Concerning the (n,h) reactions some inconsistency have been noted particularly near the threshold.
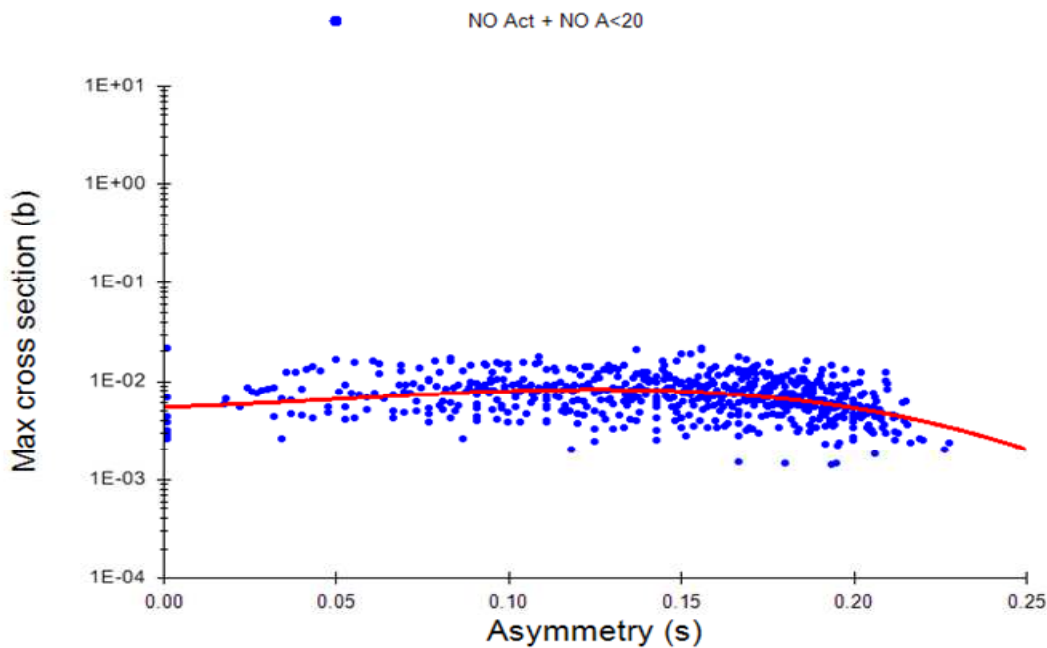
Figure 60. (n,t) SACS plot: maximum cross section versus asymmetry. Actinides and *A<20* data points are excluded.
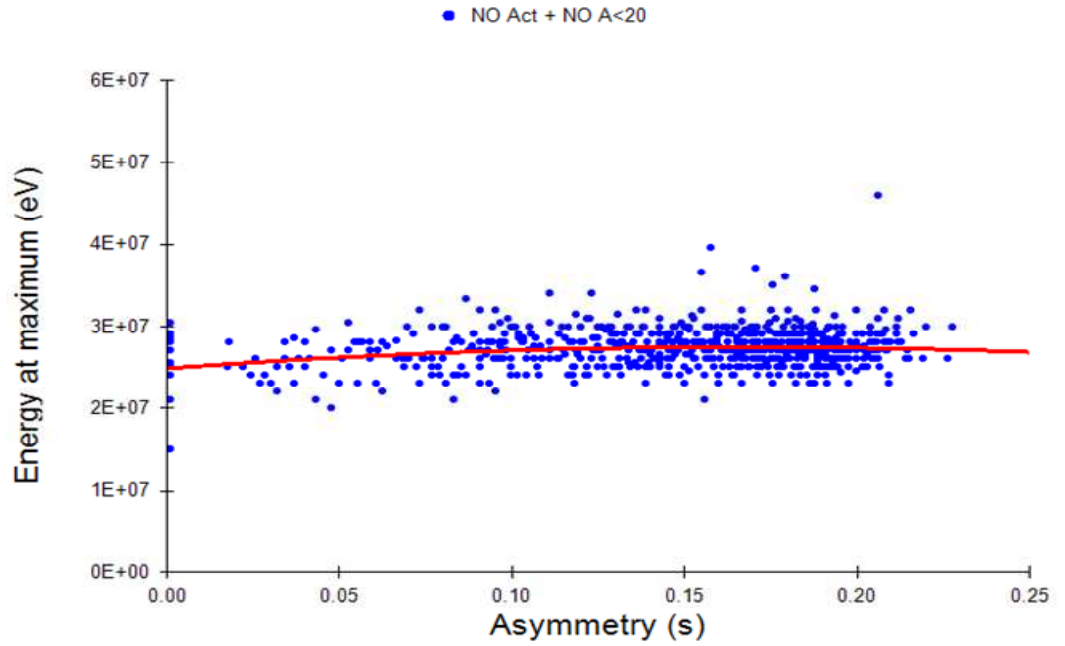
Figure 61. (n,t) SACS plot: energy at maximum cross section versus asymmetry. Actinides and *A<20* data points are excluded.

The strongly deviating point above $s = 2.0$ belongs to the high-energy second isomer target of ^{194n}Ir, for which obviously the input parameters are not realistic. The lowest point at $s = 0$ belong to ^{22}Na, where some nonstatistical behaviour cannot be ruled out.
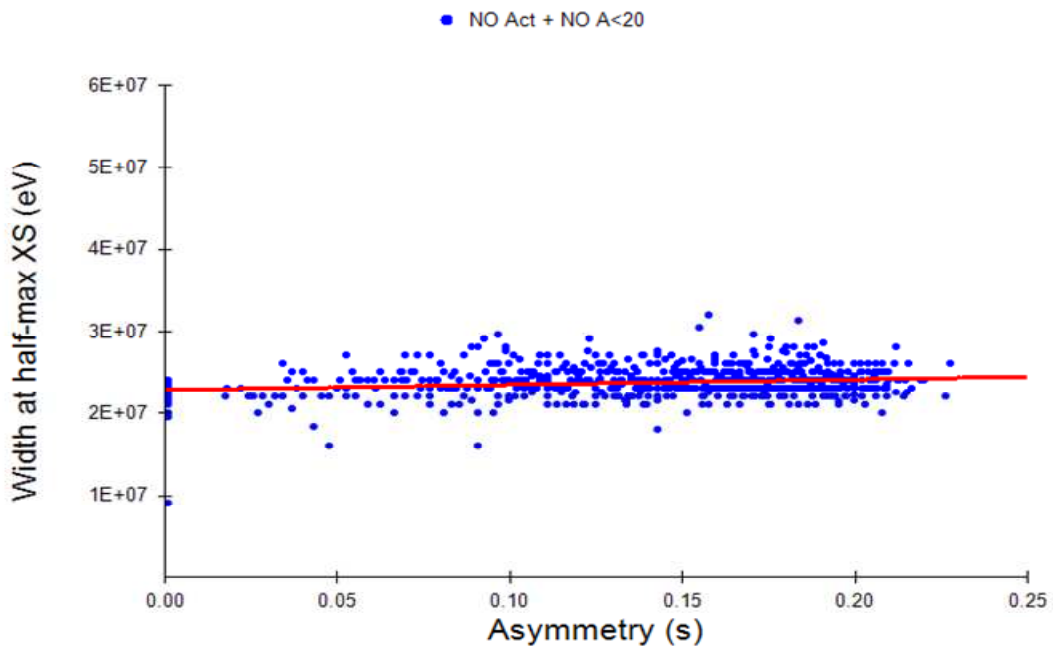
Figure 62. (n,t) SACS plot: width at half-maximum cross section versus asymmetry. Actinides and *A<20* data points are excluded.
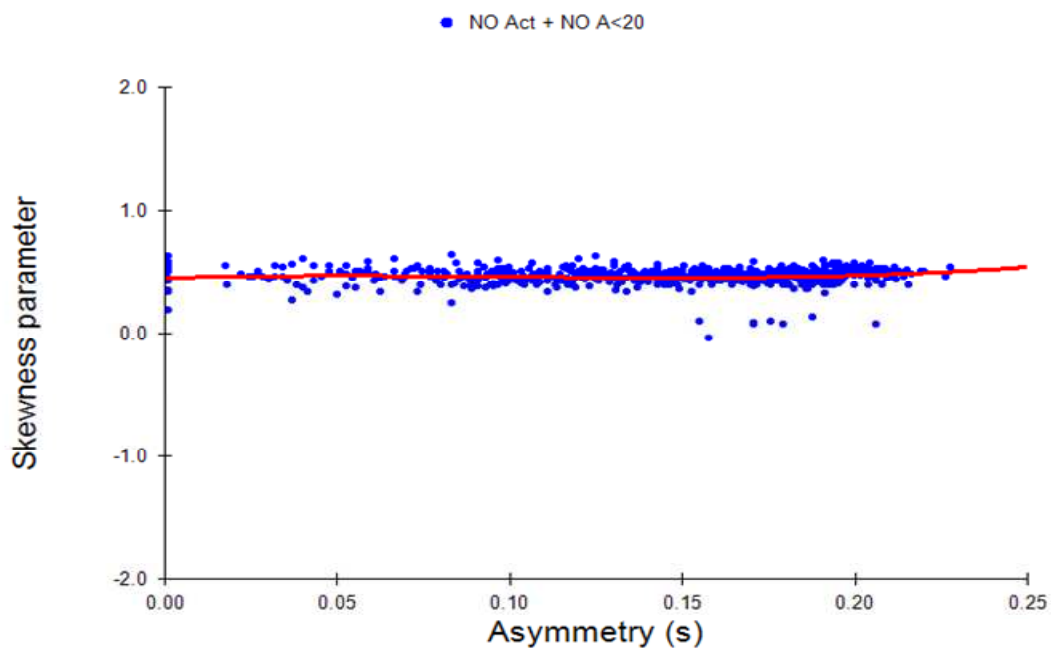
Figure 63. (n,t) SACS plot: skewness parameter versus asymmetry. Actinides and *A<20* data points are excluded.
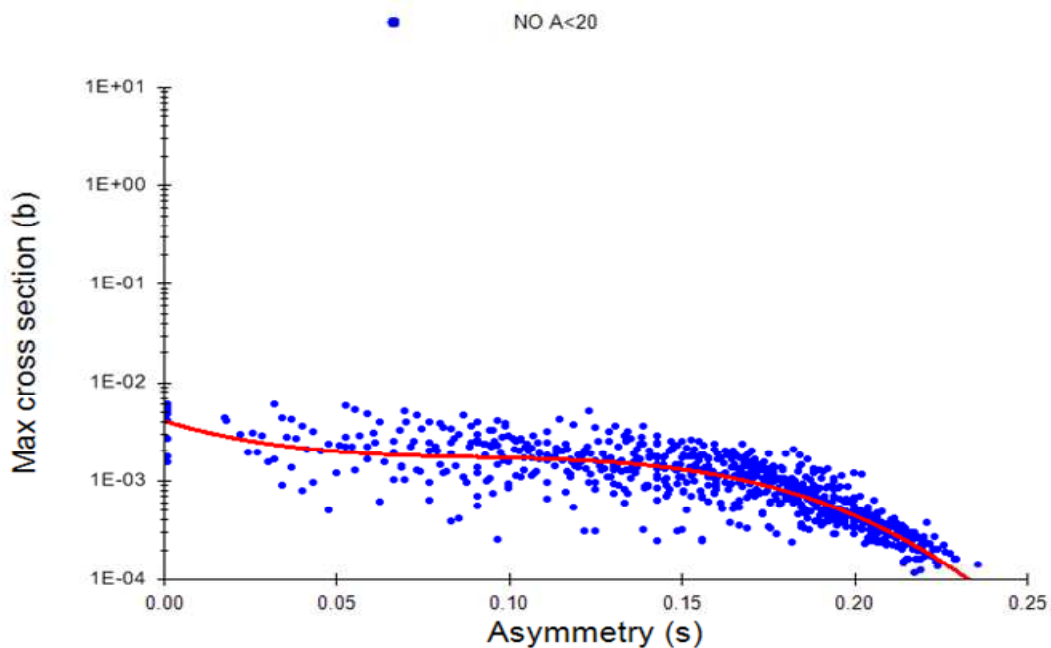
Figure 64. (n,h) SACS plot: maximum cross section versus asymmetry. *A<20* data points are excluded.
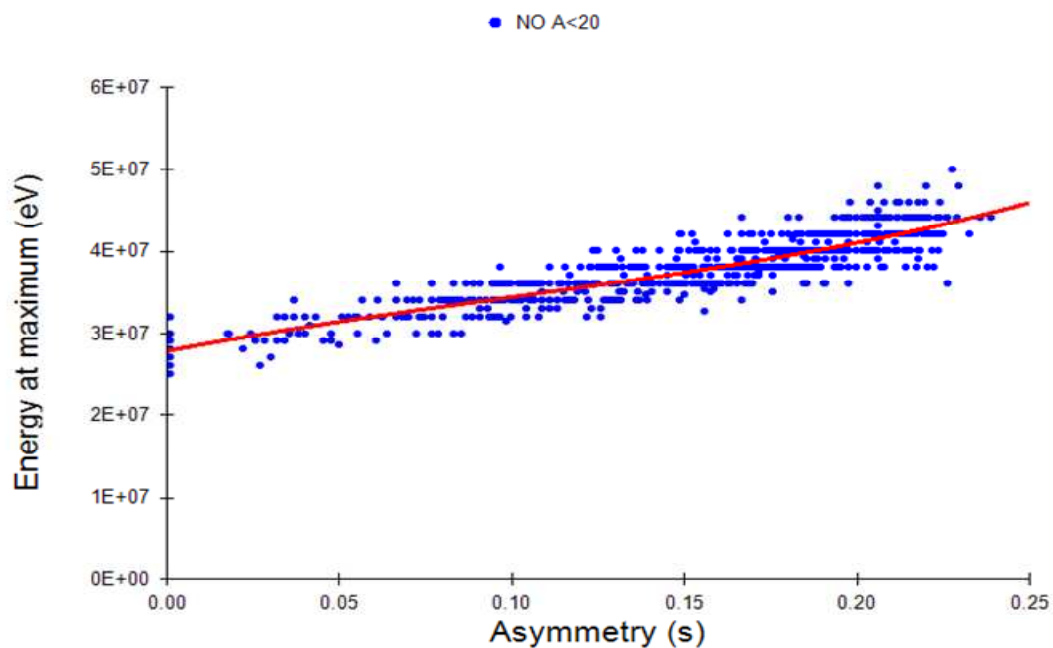
Figure 65. (n,h) SACS plot: energy at maximum cross section versus asymmetry. *A<20* data points are excluded.
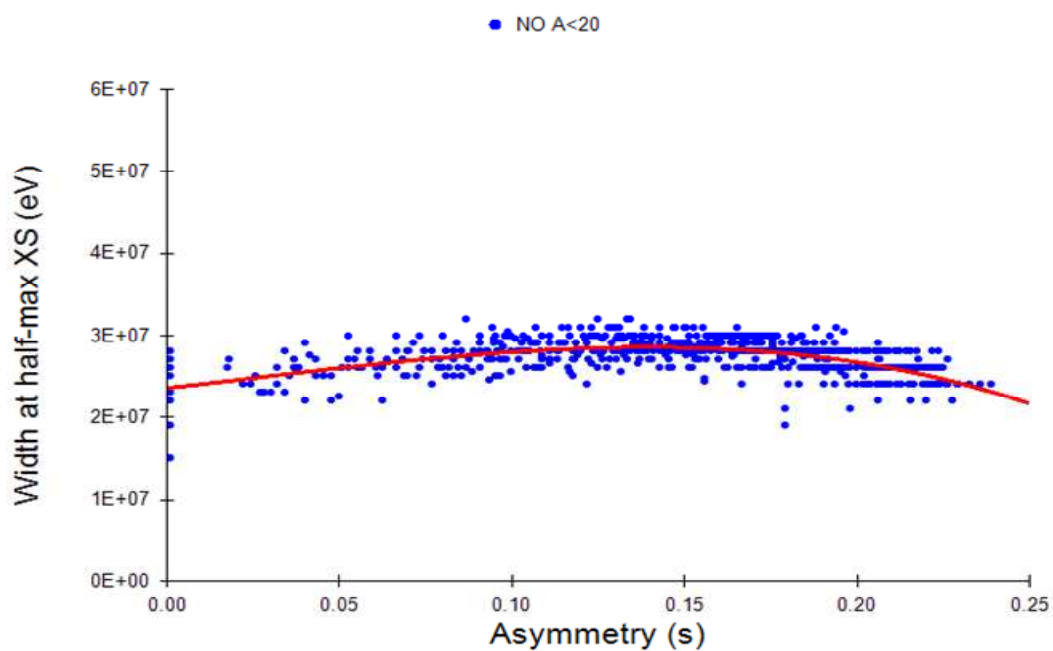
Figure 66. (n,h) SACS plot: width at half-maximum cross section versus asymmetry. *A<20* data points are excluded.
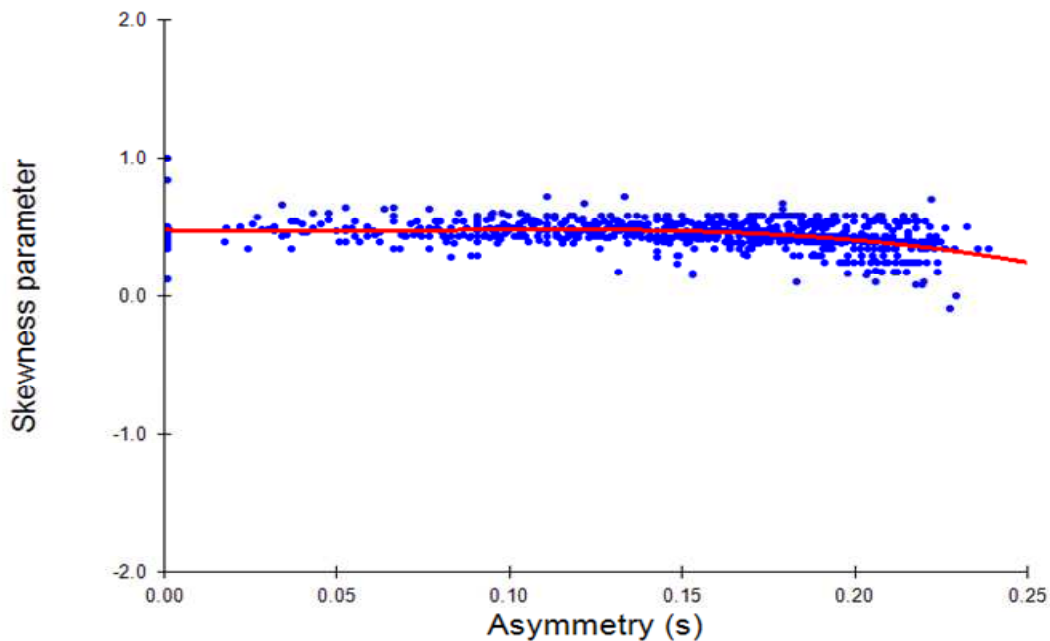
Figure 67. (n,h) SACS plot: skewness parameter versus asymmetry.

(n,α) reaction
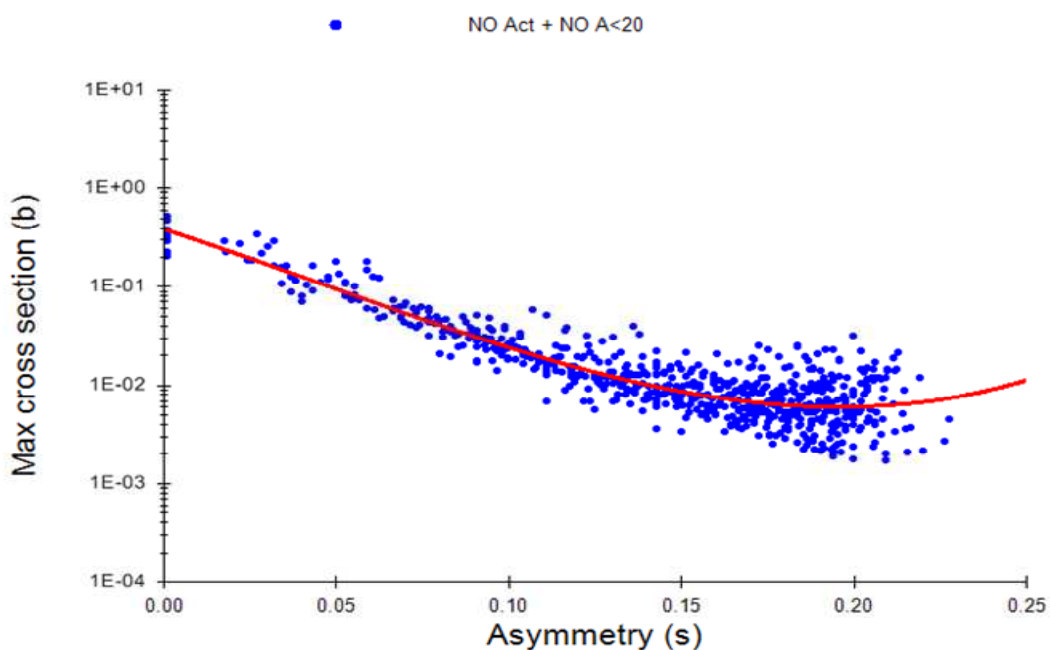
Figure 68. (n,α) SACS plot: maximum cross section versus asymmetry. Actinides and *A<20*
data points are excluded
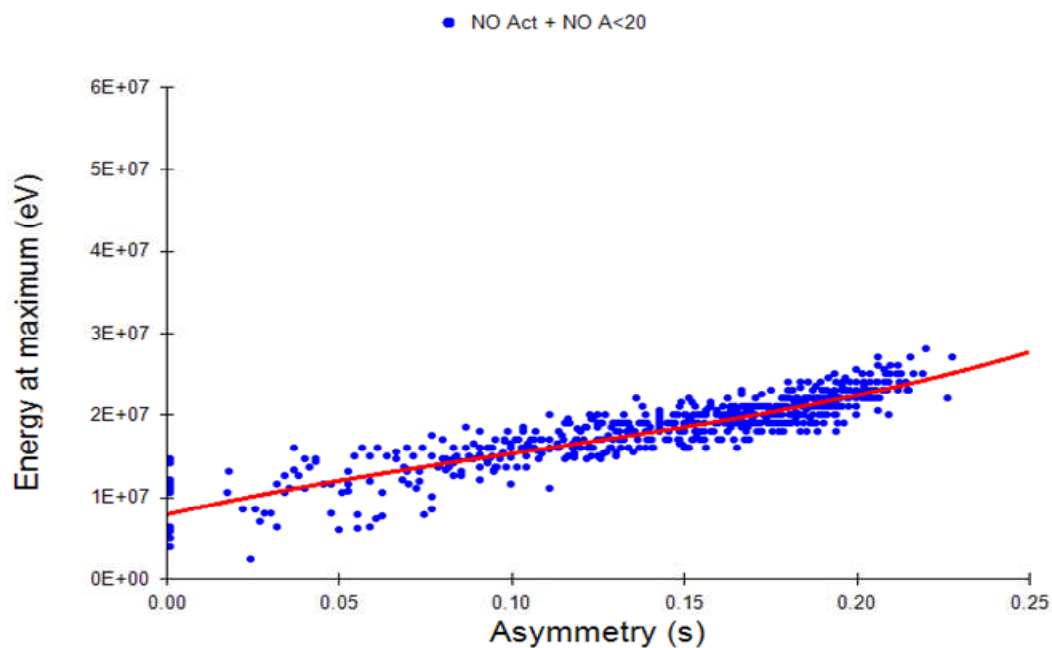
Figure 69. (n,α) SACS plot: energy at maximum cross section versus asymmetry. Actinides and *A<20* data points are excluded.
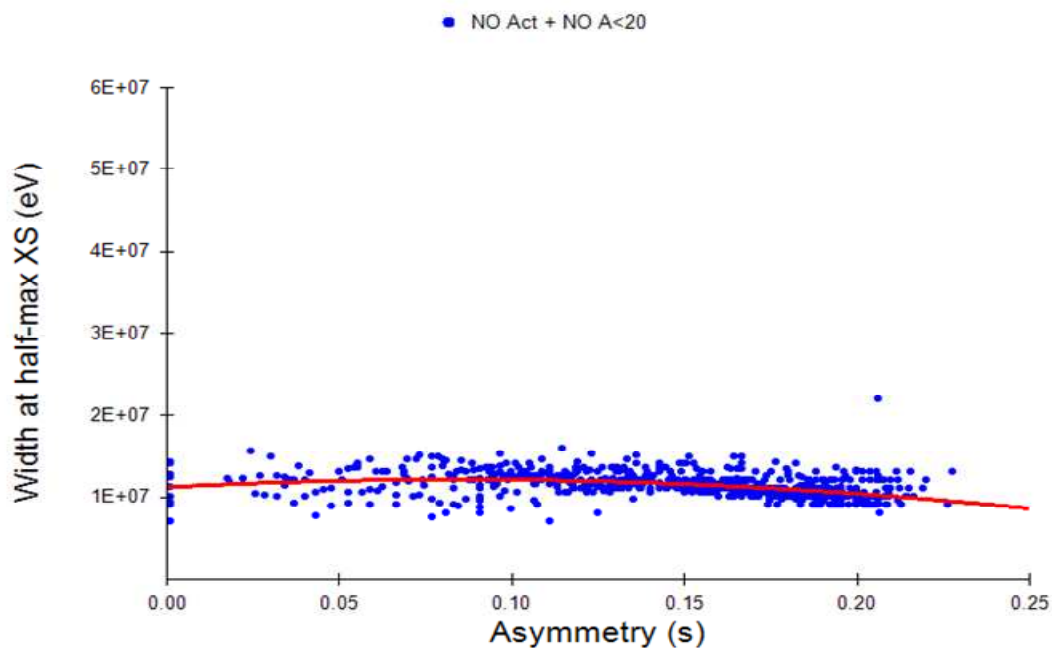
Figure 70. (n,α) SACS plot: width at half-maximum cross section versus asymmetry. Actinides and *A<20* data points are excluded.

The isomeric target ^{194n}Ir is again well above the trend line.
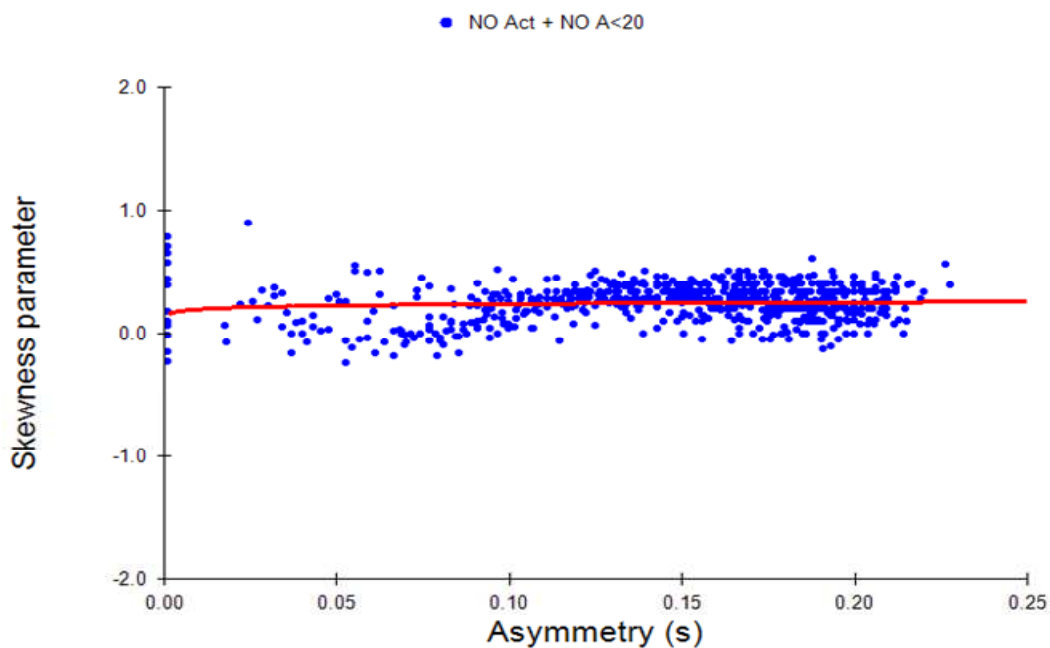
Figure 71. (n,α) SACS plot: skewness parameter versus asymmetry. Actinides and *A<20* data points are excluded.

A very consistent behaviour of all SACS parameters is usually observed for the (n,α) channel.
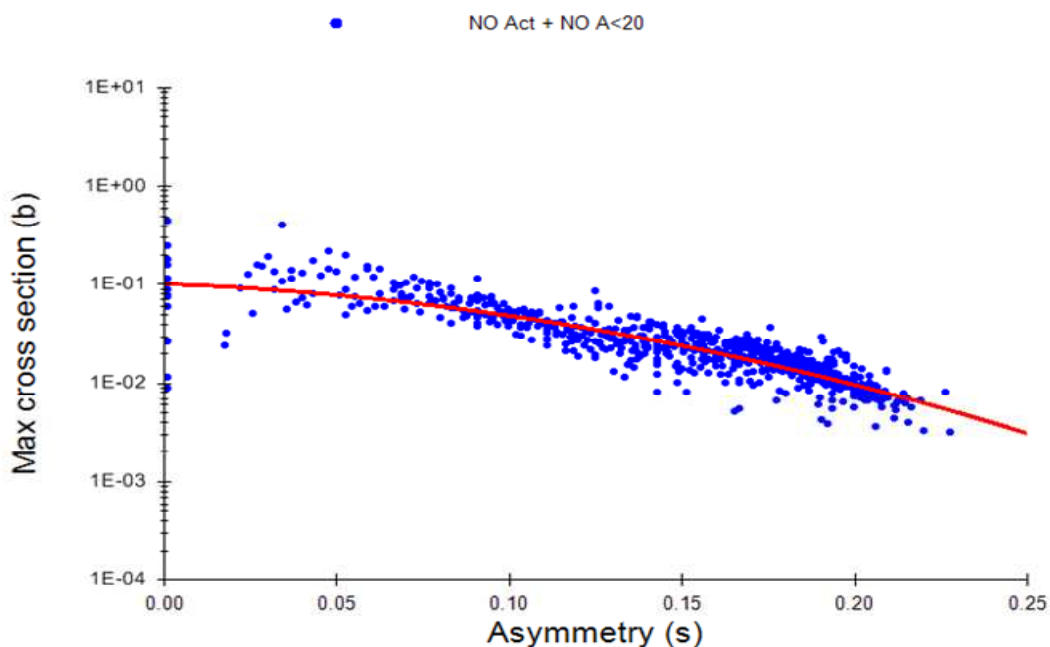
(n,n′α) reaction

Figure 72. (n,n′α) SACS plot: maximum cross section versus asymmetry. Actinides and *A<20* data points are excluded
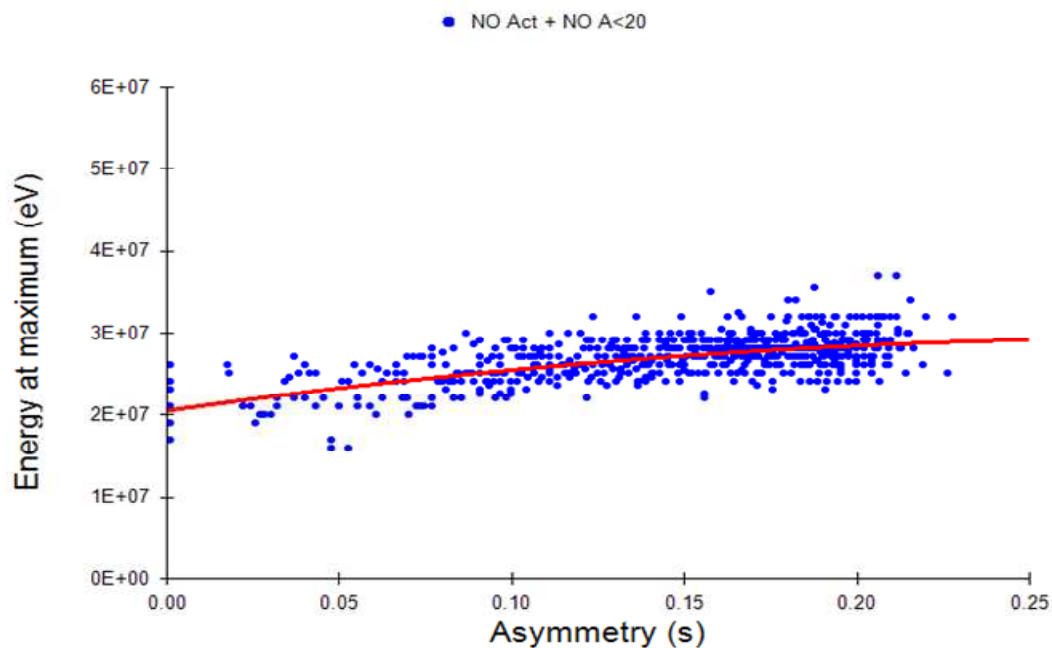
Figure 73. (n,n′α) SACS plot: energy at maximum cross section versus asymmetry. Actinides and *A*<20 data points are excluded.
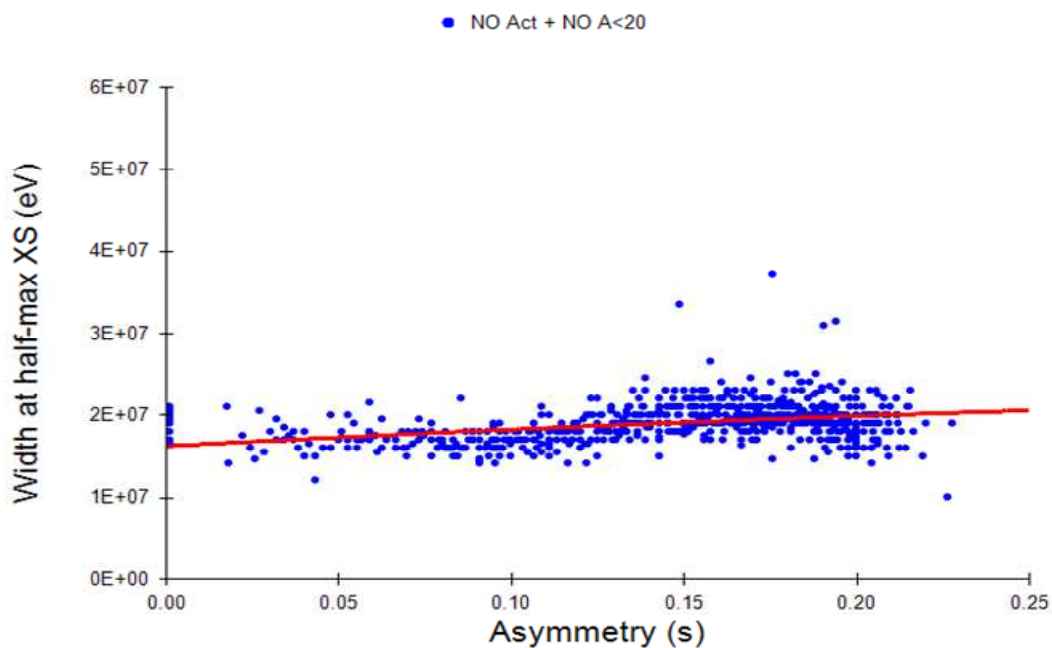
Figure 74. (n,n′α) SACS plot: width at half-maximum cross section versus asymmetry. Actinides and *A*<20 data points are excluded.
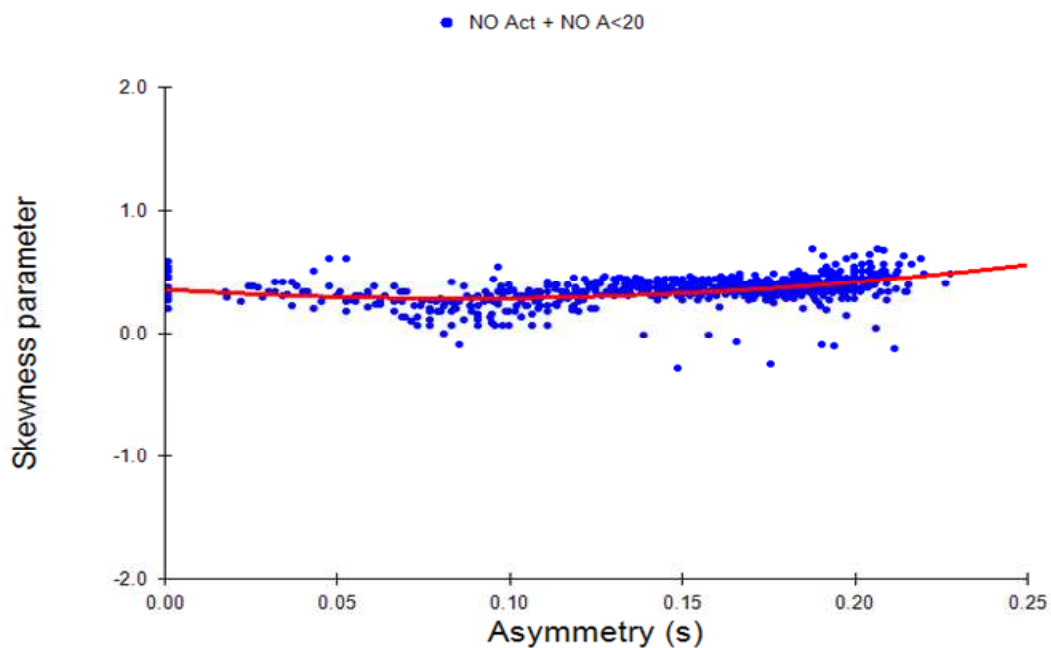
Figure 75. (n,n′α) SACS plot: skewness parameter versus asymmetry. Actinides and *A<20* data points are excluded

The obtained trend dependence of SACS parameters is rather satisfactory, small deviations of the Δ and skewness parameters have been observed for seven Score = 0 targets. No modifications for these reactions are needed.

(n,2p) reaction
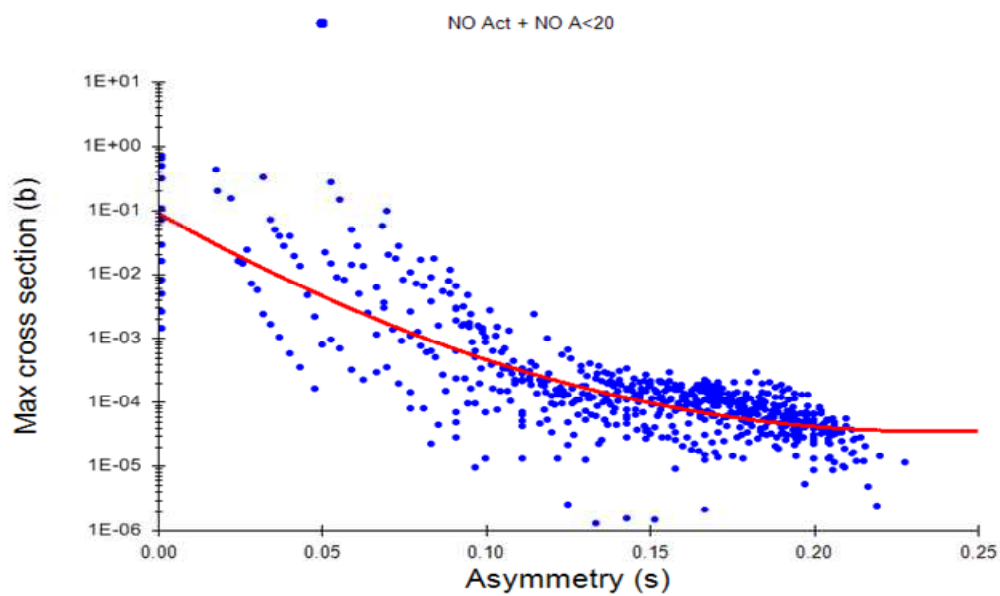
Figure 76. (n,2p) SACS plot: maximum cross section versus asymmetry. Actinides and *A<20* data points are excluded.
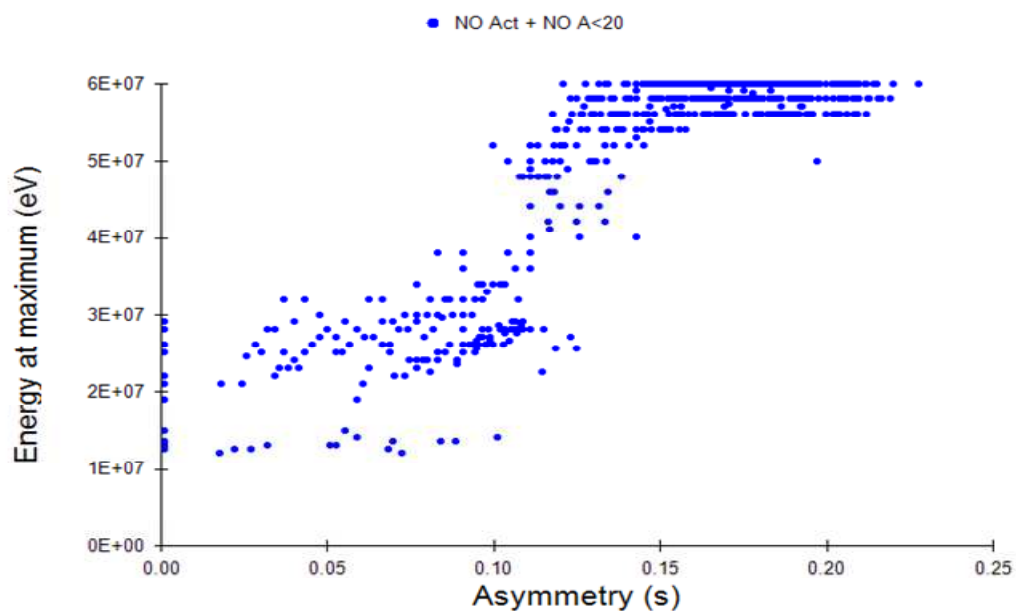
Figure 77. (n,2p) SACS plot: energy at maximum cross section versus asymmetry. Actinides and *A*<20 data points are excluded.
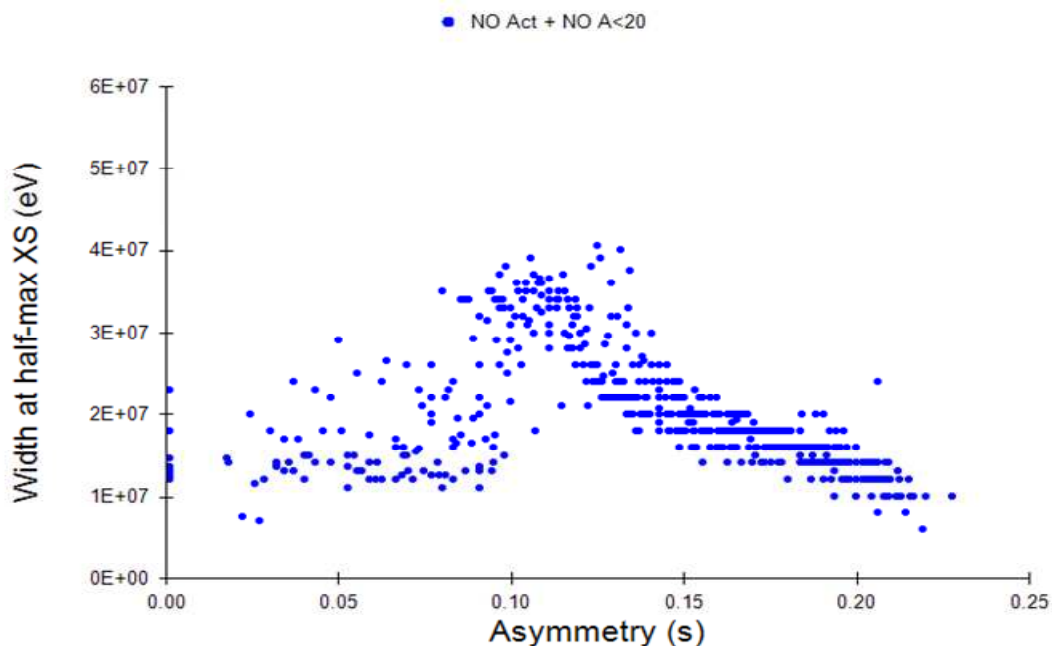
Figure 78. (n,2p) SACS plot: width at half-maximum cross section versus asymmetry. Actinides and *A*<20 data points are excluded
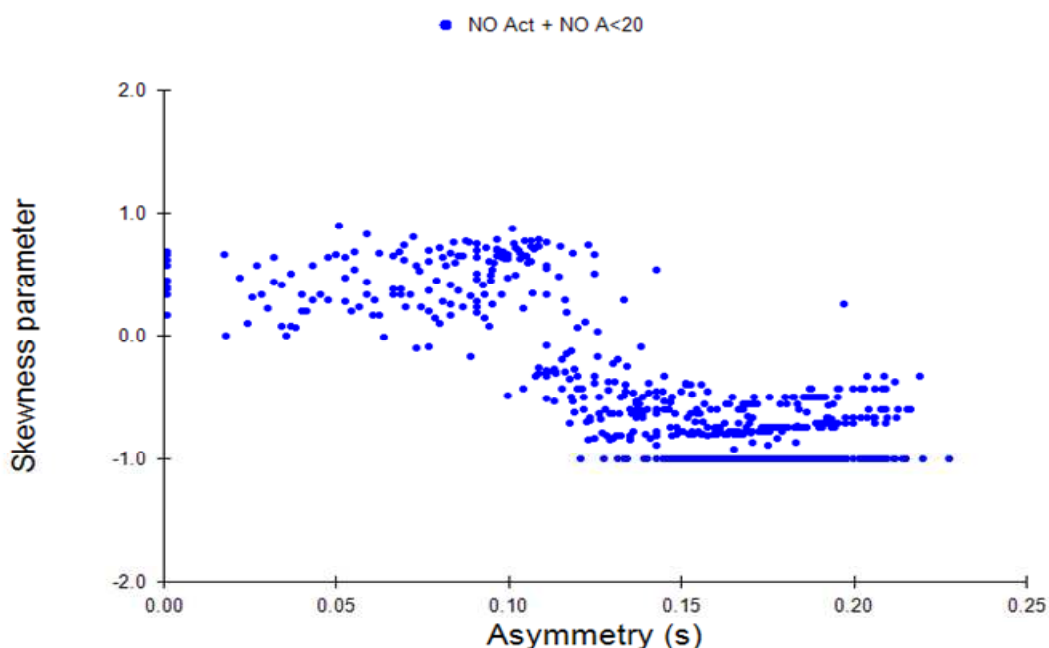
Figure 79. (n,2p) SACS plot: skewness parameter versus asymmetry. Actinides and *A*<20 data points are excluded.

The (n,2p) reaction SACS parameter exhibit two rather distinct regions, demonstrated by a steplike behaviour of E_{max}, $\Delta_{1/2}$ and the skewness parameters. The first region belongs to targets with

asymmetries smaller < 0.15 where the threshold is at lower energies and the emission of two protons enters the competition with other proton emission channels, such as (n,p) and (n,n′p). For $s > 0.15$ targets increases the threshold rapidly and only the low energy part of the bell shaped excitation function lies below 60 MeV. The EXFOR data are rather uncertain (complication with impurities) and thus the data rely only on calculations.

(n,γ) reaction at E_n = 14.5 MeV
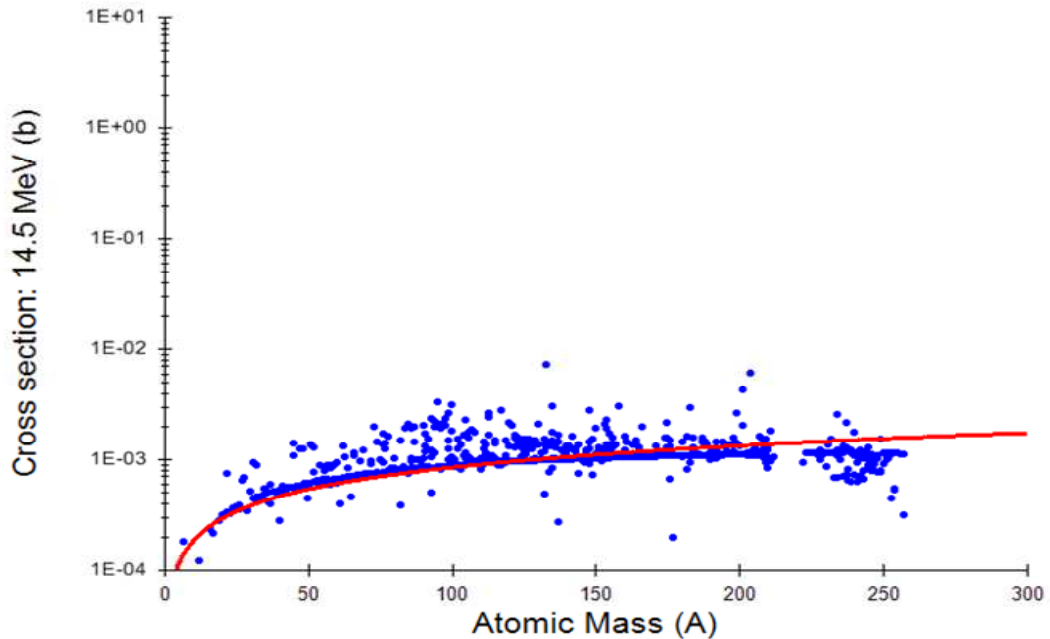
Figure 80. (n,γ) SACS plot: cross section at 14.5 MeV versus Atomic Mass.

For capture data, a particularly relevant validation is the cross section around 14.5 MeV, where the compound nucleus component is almost negligible and the pre-equilibrium process is dominant. The well established systematic in [2] predicts σ(n,γ) at 14.5 MeV to be around 1 millibarn with a slightly increasing dependence on *A*. The figure above shows the cross section as a function of *A* and reveals only a few outlying values from the general trend. The three most outlying points above the trend belong to [133]Cs, [201]Pb and [204]Bi targets, while those below the trend curve are ^{137}Cs, [177m]Lu and actinide [253]Cf, [254]Es and [257]Es targets. This result confirms the usefulness and effectiveness of the capture data revision from [169] for cross sections with |C/S| > 2.

SACS validation summary

The results of the SACS analysis proved that the majority of EAF-2010 point-wise data are satisfactory and follow the smooth trend

dependence of SACS parameters. These features are very important and support our trust in the profile of the calculated excitation curves.

The outlying data points (the vast majority of them are for data with a quality score which has been set to 0) often belong to nuclides with a large neutron deficiency, i.e. far from the stability line, for which the input parameters used in TALYS calculations may still need some further improvements. Therefore, actions to revise and study how the nuclear reaction modelling input parameters change will be considered for the future.

The results for targets with small asymmetries $s < 0.1$ (which are also neutron deficient targets) show that the competition between the neutron and proton emission channels is strong. The behaviour of EAF-2010 data indicates that, in general, this competition is globally taken care of both in the model calculations and in evaluations. However, some particular target and reactions can be impacted by the quality of the global input parameters. This is especially noticeable for the high-energy range of the (n,p) excitation curve that carries a high degree of uncertainty.

EAF-2010 uncertainty file

A complete uncertainty file is generated by SAFEPAQ-II for the EAF-2010 cross section data library. The file is in the ENDF-6 MF = 33 format, and contains uncertainty data in a two-group format for threshold reactions from the threshold to 20 MeV and from 20 to 60 MeV. A four group format is adopted for the non-threshold reactions: from 10^{-5} eV to E_V (the end of the $1/v$ region), E_V to E_H (the end of the resonance region), E_H to 20 MeV and 20 to 60 MeV. The uncertainty values adopted correspond to the error factor f:

$$f = 1 + \Delta$$

where Δ is the relative error (Δ^2 is actually stored in the file) in the cross section σ. In this case the best estimate of the cross section uncertainty is:

$$\sigma/f < \sigma < \sigma f$$

The emphasis for EAF-2010 uncertainties has been to include, as much as is possible, the experimental information, information from TALYS model calculations and SACS analysis. For threshold reactions, experimental variance information at 14 MeV is available for 1,085 reactions. These uncertainties have been estimated from the data scatter around the library excitation curve in EXFOR plots or from the now growing data base of experimental validation [125-

164]. This 14 MeV experimental variance is used for the energy range of the excitation function up to 20 MeV, and because no information on uncertainties at other energies has been used, an uncertainty value of $\Delta\sigma = 3\Delta\sigma_{exp}$ has been adopted. This represents a 99.9% confidence limit. For non-threshold reactions, thermal cross section and resonance integral information are used for the first two energy ranges. For the smooth statistical range, the uncertainty factor is usually estimated from the scatter of EXFOR data around the evaluated curve and, for the high-energy range, the uncertainty value from the third range is generally assumed.

In the numerous cases where no experimental values are available, the uncertainty is extracted from systematics, results of graphical information or estimates. Depending on the reaction type, data origin and energy range the uncertainty value may vary from less than a few percent to a factor of five in exceptional cases. The bulk of the uncertainties however, range from a few percent to a factor of two.

Another important aspect of the uncertainty treatment occurs when the cross section is split. In general for uncertainties of cross sections to ground and isomeric states an uncertainty factor of the branching ration (f_b) of 1.3 has been adopted when the branching is derived from systematics.

By definition $\sigma_m = b\sigma$ and $\sigma_g = (1-b)\sigma$. Thus the uncertainty in σ_m is given by:

$$\left(\frac{\Delta\sigma_m}{\sigma_m}\right)^2 = \left(\frac{\Delta b}{b}\right)^2 + \left(\frac{\Delta\sigma}{\sigma}\right)^2$$

and $\Delta\sigma/\sigma = f - 1$ and $\Delta b/b = f_b - 1$. Thus:

$$f_m = f_g = 1 + \sqrt{f_b^2 + f^2 - 2(f + f_b - 1)} \tag{1}$$

If experimental values of partial cross sections are known their uncertainties are adopted, although this is rare. Such a method of uncertainty propagation to the partial cross sections is certainly pessimistic although if no experimental data exist for the branching ratio their generation using systematics is not without error and an uncertainty of 30% is considered as sound pending further investigation.

An example of the EAF uncertainty file format is given in Appendix 1. Further details of the uncertainties and their use in FISPACT are presented in reference 1.

As the starter file for extensions and improvements for EAF-2010 the EAF-2007 uncertainty file [3] has been chosen. In order to make the $\Delta\sigma$ assignment in a consistent manner, new rules for their determination have been put into place and are discussed here. All previous assignments have been reviewed and if needed changed following these new rules.

Uncertainty assignments for total threshold cross-sections

In cases where differential experimental data exist, the relative uncertainty error is related to the position of these data and the energy range they cover on the excitation curve. In general a bell shaped excitation function is assumed and the following rules have been adopted. The position of energy ranges on the excitation curve is categorized in figure 81.
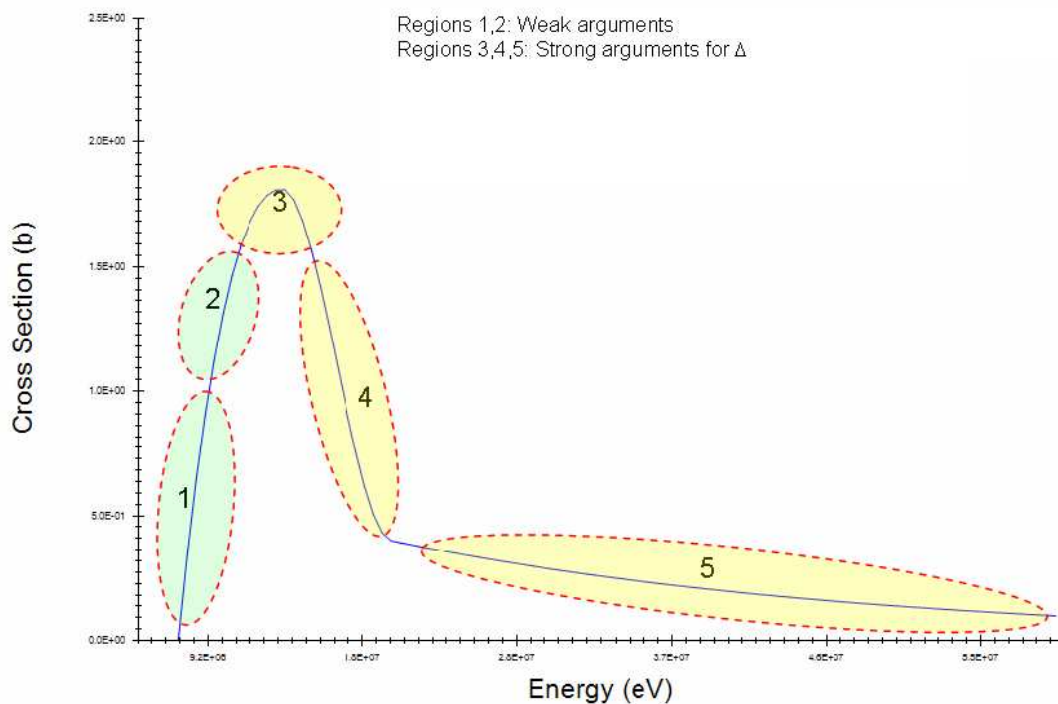
Figure 81. Position of experimental data on an excitation curve.

Regions 1 and 2 are located on the rising slope of the excitation curve (often close to the reaction threshold) and the experimental data represent a weak argument for the validation of the whole curve, especially as the data do not directly address the σ_{max} value. However, if the predictability of the whole excitation curve (its shape) is good, these data offer reasonable support for the uncertainty estimate of the whole excitation curve.

Regions 3 and consequently 4 and 5 are regions where experimental information can be used both for validation and assignment of the

uncertainty errors. Region 3 covers the σ_{max} and verifies also the position of E_{max}. Regions 4, 5 cover the descending slope of the excitation curve towards the higher energies, where the competing reactions start to play an important role (often close or above 20 MeV) and were any experimental information are very valuable. Unfortunately, in practice such experimental data are very scarce.

Based on experience from visual analysis of library cross sections against EXFOR, the following rules for relative uncertainty errors have been proposed for different energy regions. They represent the lower limit of the estimated uncertainty.

Table 12. Rules for the determination of Δ for different regions

Region = 1	$\Delta = 0.3$
Region = 2	$\Delta = 0.2$
Regions = 1 + 2	$\Delta = 0.2$
Region = 3	$\Delta = 0.1$
Region = 3 + others	$\Delta = 0.1$
Region = 4	$\Delta = 0.2$
Region = 5	$\Delta = 0.3$

In cases where the uncertainty is estimated by the author of an evaluation, it is used. However, such information is typically made more challenging by the evaluation processes, relying also on calculation and usually carrying systematic error.

The following remarks can be made on the predictability of the excitation curves adopted in EAF-2010:

For neutron emission channels: (n,n′), (n,xn), (n,n′p), (n,n′α) reaction cross section curve, the shape of the calculated cross sections is in good agreement with the trend derived from experimental data and is considered to be well identified.

For charge particle emission channels: (n,p), (n,d), (n,α) cross section curves are also believed to have a well described shape. However, two caveats exist that require special treatment. They are the width dependence of (n,p) reaction in the transitional range with asymmetries $0.08 < s < 0.12$ [173], in which range a broadening of the excitation curve with energy takes place. The second exception is for (n,α) reaction, where σ_{max} has been checked with SACS analysis. It was noted that, for targets with $A > 100$, the calculated value is too large. For the remaining reactions, (n,t) data are now in good agreement. A problematic situation still exists for (n,h) and (n,2p) reactions. Their experimental data (especially activation measurements) are often overestimated due to the interference of competing reactions from elemental or isotopic impurities. The

comparison between experimental data and calculated excitation curves is usually meaningless. For targets with important (n,n′p) or (n,d) reactions, an additional test can be applied using the visual analysis of (n,n′p) + (n,d) data against many available activation experiments.

Non-threshold (n,p) and (n,α) reactions, for which a Low Energy Approximation (LEA) below the effective threshold E_{eff} has been applied, are treated as non-threshold reaction class with four energy groups. Where a LEA approximation could not used, due to the small calculated cross section at 1 keV (TALYS calculation with $\sigma < 10^{-19}$ b), they remain in the threshold section with two energy groups, usually with energies 10^{-5} eV $– E_{eff}$ and $E_{eff} – 60$ MeV and with an uncertainty below E_H with an error factor set by default to 10.

In cases where no experimental information is available, the uncertainty is, as in the previous EAF-2007 uncertainty file, extracted from systematics, results of graphical information or from estimates. The extensive experience, capitalised from graphical comparisons, best estimates based on analyses of the scatter of calculated data from different libraries with different codes, has been added to estimates of those error factors. Furthermore, experience from previous exercises and performance tests performed on several TALYS calculations and validation exercises have also been accounted for. In this library the results of SACS analysis [173] have also been embedded. The results have shown that the error factors adopted in EAF-2007 were, for some reactions unnecessarily conservative and new more realistic values are proposed and listed in Table 13 (and earlier in Table 1) for important major reactions.

Table 13. Error factors derived from $\sigma_{14.5}$ systematic or estimates based on EAF validations

Reaction	Systematic	Error factor (f)
(n,n′)	Vonach	2.0
(n,2n)	Badikov	1.4
(n,3n)	Estimate	3.0➜1.8 [a]
(n,4n)	Estimate	3.0➜2.0 [a]
(n,n′α)	Estimate	3.0➜2.0 [a]
(n,d)	Forrest	3.0➜2.0 [b]
(n,n′p)	Kopecky	2.0
(n,t)+(n,n′d)	Forrest	1.6
(n,n′t)	Estimate	5.0➜3.0 [a]
(n,n′h)	Estimate	5.0➜3.0 [a]
(n,f)	Estimate	2.0
(n,γ)	Kopecky	2.0➜1.5 [c]
(n,p)	Forrest	1.5
(n,h)	Lishan	1.9

Reaction	Systematic	Error factor (f)
(n,α)	Madjdeddin	1.6
(n,2p)	Estimate	3.0
Other reactions	Estimate	3.0

→ Indicates differences between EAF-2007 and EAF-2010

[a] Neutron emission channels have been shown to be in good agreement with the experimental data and therefore more accurate estimates are proposed for (n,xn) reactions.

[b] For (n,d) reactions with targets where asymmetry, $s < 0.1$, the results are in reasonable agreement with experiments with a well defined systematic formula. For heavier targets ($s > 0.1$) the accuracy is less good. However, the (n,n′p) reaction becomes dominant and (n,n′p)+(n,d) can be used as an additional check.

[c] This is extensively discussed in [172].

Uncertainty assignments for partial threshold cross-sections

For a consistent treatment of uncertainties for split reactions with experimental values of partial cross sections, the following rules have been adopted, as described in Table 14. Since not all of these uncertainties are often experimentally known, we have adopted the rule to apply them only if $\Delta\sigma_g$ and/or $\Delta\sigma_m$ are not available.

Table 14. Rules for targets with cross sections to isomeric states

σ_t	σ_g	σ_m	Uncertainty assignment
Δ(exp)	-	-	Δ_g and Δ_m calculated from eq. (1)
Δ(exp)	-	-	if either σ_g or σm are close to σ_t =>Δ(g,m) = Δ(exp)
Δ(exp)	-	Δ(exp)	Larger of Δ(exp) is adopted
Δ(exp)	Δ(exp)	-	Larger of Δ(exp) is adopted
-	-	Δ(exp)	$\Delta_t = \Delta$(sys)
-	Δ(exp)	-	Δ_g or Δ_m calculated from eq. (1)

Uncertainty assignments for total cross-sections

As the starter file for extensions and improvements of the EAF-2010 uncertainties, the EAF-2007 uncertainty file for non-threshold reactions has been chosen. In order to ensure assignment of error factors is carried out in a consistent manner, new rules have been developed and are discussed here. The new approach has been implemented to account for a more quantitative estimate of uncertainties for the $1/v$ component and the resolved and unresolved resonance region below 100 keV (the upper energy limit of the resonance integral). This approach employs experimental values of

thermal cross sections and resonance integrals including the corresponding C/E values. All previous assignments have been reviewed and, if required, have been changed following these new rules. New data are listed in Appendix 2 and include all non-threshold reactions.

(n,γ) reactions

1/v energy region – The error factor is estimated from the uncertainty of the experimental value of the thermal cross section, typically from the recommended experimental value. If no experimental data are available, the cross section estimate [34] is applied and the default value of $f = 10$ is used. This large value acts as a warning for the crudeness of this approach.

For reactions with experimental thermal cross section σ_γ(thermal) we define the error factor of the 1/v (10^{-5} eV - E_V) region, based on $\sigma\gamma$ (thermal) validation, as

$$f(E_V\text{-}E_H) - 1 = SQRT\ ((1 - C/E(I_\gamma))^2 + \Delta\sigma_\gamma^2)) \qquad (2)$$

in which C/E(γ) represents the fit of the adopted EAF data with the thermal cross section values of σ_γ(exp.) and its error $\Delta\sigma_\gamma$. A default value of 1.1 is used if the error factor f is below 1.1. If the experimental thermal cross section is given without an error, then the error factor is set to $f = 1.5$ (50% uncertainty). The agreement of the resonance integral data with experimental data is shown in Fig. 82 and demonstrates a good agreement.
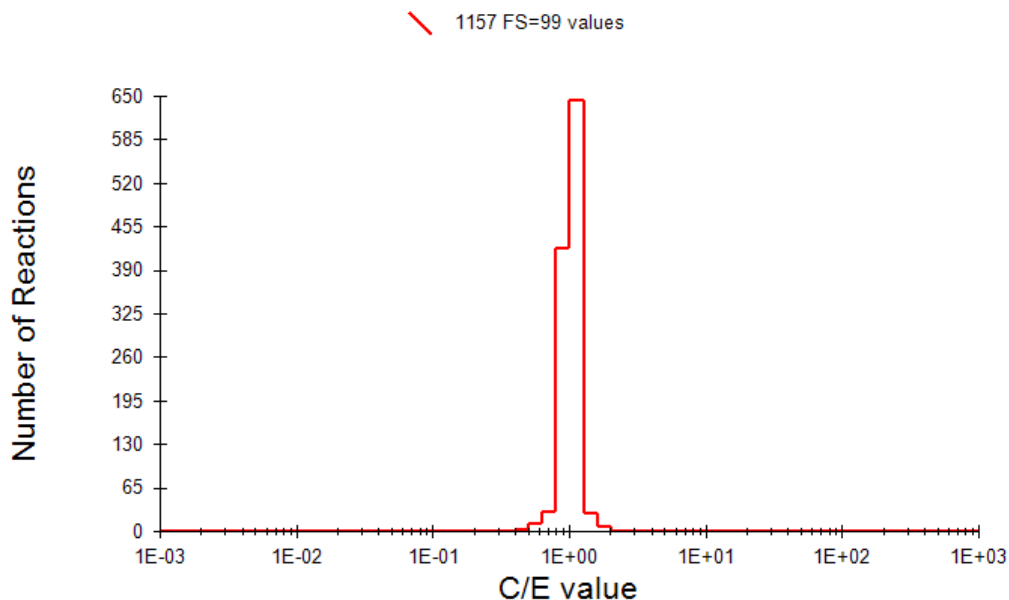
Figure 82. C/E of the thermal cross section for (n,γ), (n,f), (n,p) and (n,α) reactions.

Resolved resonance region RRR ($E_V - E_H$)

The E_V or E_L in ENDF-6 and E_H values are either taken from the data source or estimated visually from the adopted cross section curve. In cases of a PENDF file (generated from resonance parameters) is available, a default value of $f = 1.5$ is adopted. This value can become smaller or larger, depending on the resonance integral C/E value. The agreement of the resonance integral data with experimental data is shown in Fig. 83 and demonstrates again a good agreement. The reactions with C/E values with large deviations from unity are discussed in Appendix 3.
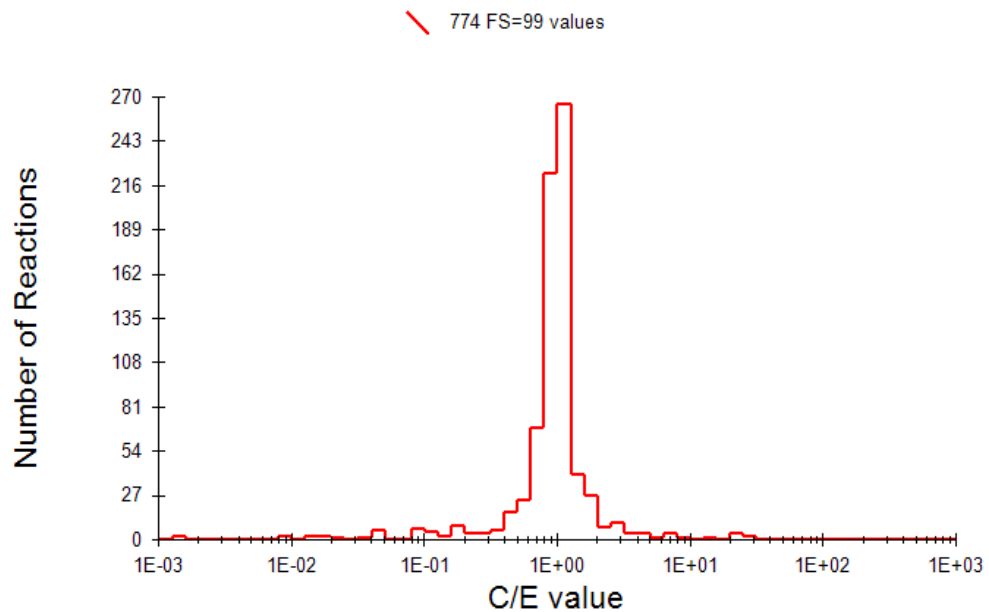
Figure 83. C/E of the resonance integral for (n,γ), (n,f), (n,p) and (n,α) reactions

The procedure used to treat the experimental resonance integrals I_γ is as follows: assuming that the main contribution to the resonance integral comes from the resolved resonance region, it is appropriate to use the ΔI_γ and |1-C/E(I_γ)| values as a combined source of uncertainty which can be included as an error factor. The energy limits of the resonance integral is between 0.5 eV and 100 keV and the following rules have been adopted with E_H(exp) as the upper energy point of the resolved resonance region:

For all reactions with experimental I_γ data the values of $E_V = 0.5$ eV and of $E_H = 100$ keV adopted, even if the E_H (exp) value is < 100 keV. If E_H (exp) is larger then 100 keV then this value is used. If the whole region ($E_V - E_H$) is above 100 keV, then $E_V = 0.5$ eV and $E_H = 100$ keV are used. This often occurs for very light nuclei and I_γ for these cases, information on the extended tail of the $1/v$ component is given.

For reactions with the Single Resonance Approximation (SRA), the assigned resonance is included in the $(E_V - E_H)$ region as a single resonance with $f = 2$ for the region.

It has been found that the C/E ratio of I_γ is an important validation quantity from low energies up to 100 keV.

We define the error factor of the resolved resonance $(E_V - E_H)$ region, based on I_γ validation, as:

$$f(E_V\text{-}E_H) - 1 = \text{SQRT} ((1 - C/E(I\gamma))2 + \Delta I\gamma 2)) \qquad (3)$$

in which $C/E(I_\gamma)$ represents the fit of the adopted EAF data with the resonance integral values of $I_\gamma(exp)$ and ΔI_γ. A default uncertainty value of 1.1 is used if the experimental values are below 1.1.

If the cross section in the resonance region is based on statistical calculations only, extends down to 1 keV and the $C/E(I_\gamma)$ value exists, this value is used. In cases where no experimental information is available for this energy region, E_V is as used and set equal to E_H and $f(E_V\text{-}E_H) = 2.0$.

The statistical region (E_H – 20 MeV)

This region is composed from the statistical Hauser-Feshbach region and the pre-equilibrium component, the latter typically starting at about 8 MeV. The statistical region is usually well validated up to 10 MeV. The error factor is estimated from the visual agreement with experimental data. In cases of good agreement $f = 1.5$ is used as a default value to cover a rather steep decrease of this cross section down to several mb typical of the pre-equilibrium component. Only in cases when an excellent agreement exist lower values (usually 1.3) are used. The single 30 keV data point is counted as a sufficient experimental support, based on the results in [172]. If no experimental data exist then the $\sigma(30$ keV$)$ cross-section systematic is consulted and used for a judgment of the fit and, in cases of reasonable agreement, the default values between $f = 1.8$ and 2.0 are used. There are strong arguments from the EAF and TALYS data validations that the 30 keV experimental and systematic cross sections can be used to estimate the error factor of the statistical component [172] and Figs. 84 and 85.

342 FS=99 values
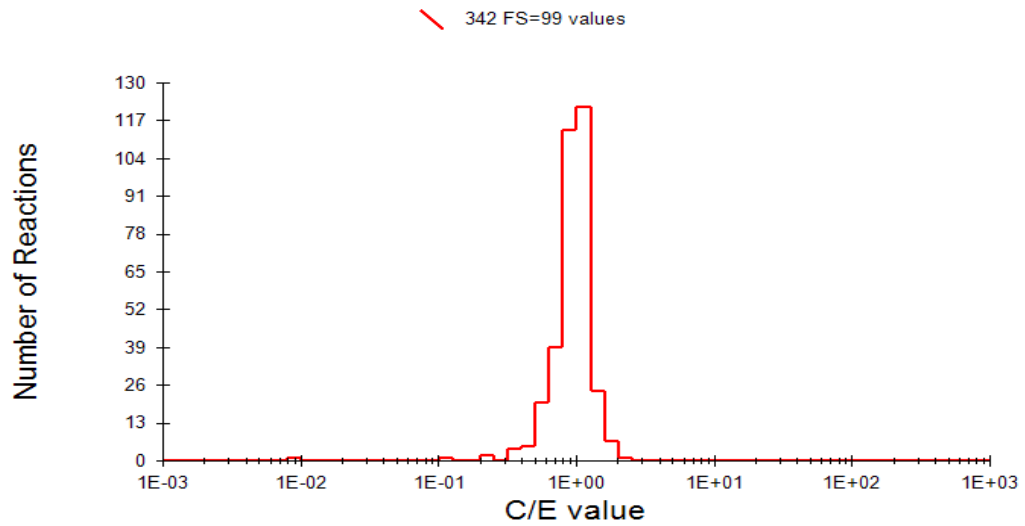
Figure 84. C/E of 30 keV (n,γ) cross section

776 FS=99 values
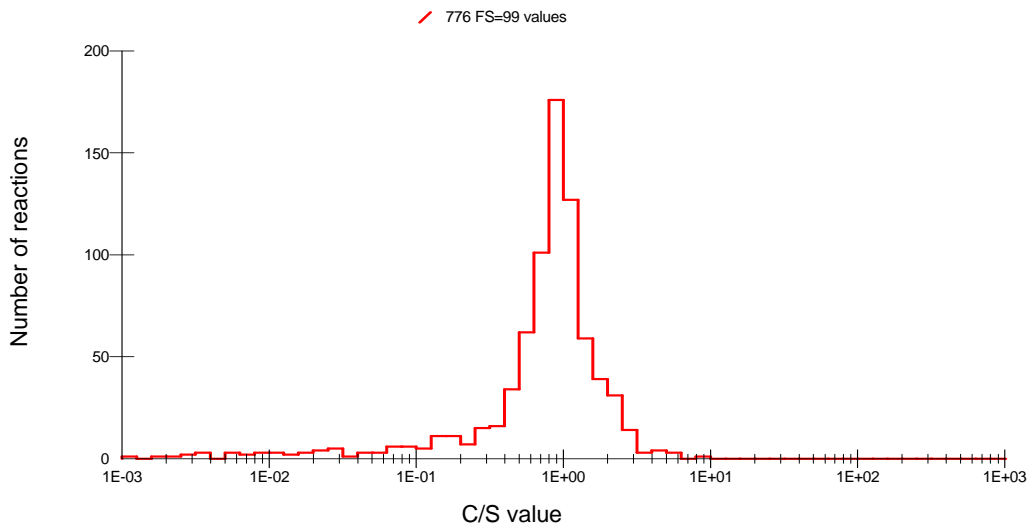
Figure 85. C/S of 30 keV (n,γ) cross section data in EAF-2007

Ratios far below unity are usually from reactions where the 30 keV energy point lies within the resolved resonance region. The pre-equilibrium process dominates the region above 10 MeV and $\sigma_{14.5}$ is an important test point. This value is validated either against the experimental data or the $\sigma_{14.5}$ cross section systematic, which is rather accurate with values around 1 mb. The C/E and C/S histograms, shown in Figures 86 and 87, again demonstrate the suitability of this approach to estimate the uncertainty in this region. The statistical contribution, however, dominates the group cross-section in this region and therefore is used as main information for the whole region ($f = 1.5$ or better, it was $f = 2.0$ in EAF-2007). For a detailed description of 30 keV and 14.5 MeV data and their analysis see [172].
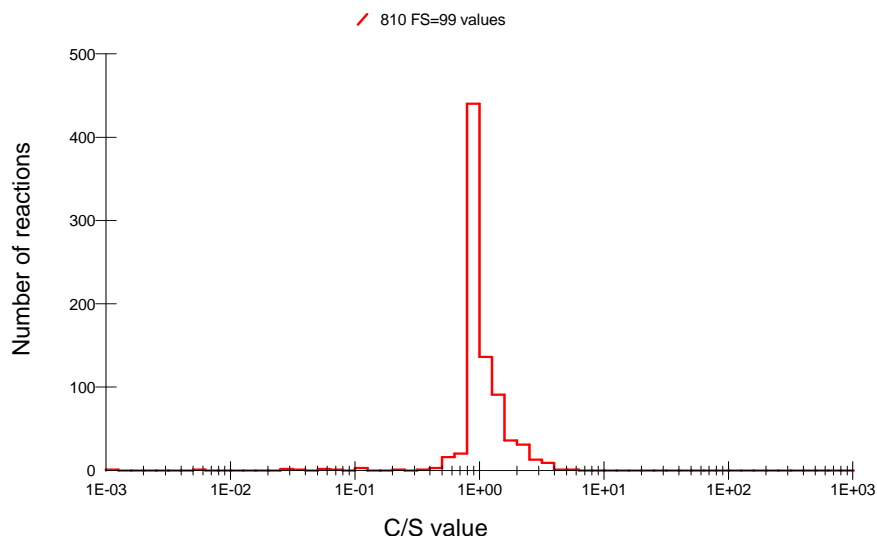
Figure 86. C/S of 14.5 MeV (n,γ) cross section data in EAF-2007.
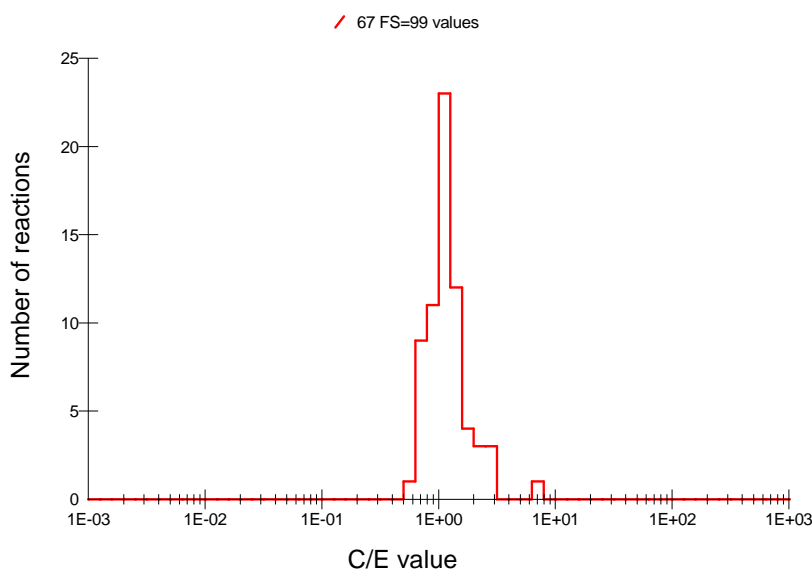
Figure 87. C/E of 14.5 MeV (n,γ) cross section data in EAF-2007

For the high-energy region, 20 to 60 MeV, practically no experimental information are available and the error factor has usually been kept the same as for the previous region below 20 MeV region.

Uncertainty assignments for non-threshold cross-sections

(n,f) reaction

For the $1/v$ energy region the same rules as for (n,γ) data are also applied here. The only difference is that the σ_{th} systematic of Behrens is considered as more accurate and therefore the error factor for

reactions without experimental thermal cross section data is set to $f = 5.0$.

For the resolved resonance region ($E_V – E_H$) the same rules as for (n,γ) data are also applied. The conservative f value ($f = 2$) is recommended when for the data source is estimated.

For the statistical region (E_H – 20 MeV) and contrary to the (n,γ) reaction this region is a transition from the resonance region, decreasing via the unresolved resonance component to the multi chanced fission region. These two regions are connected with a rapid cross-section increase from about 100 keV up to 1 MeV (fission threshold), where the n-chance fission starts. The region up to 25 MeV includes the first-, second-, third- and fourth-chance fission and is often supported by a large number of experimental data with reasonably predictable tends. The error factor is estimated from the visual agreement with experimental data while for reactions with no experimental data $f = 2.0$ has been adopted.

For the high energy region, 20 to 60 MeV only a very limited set of experimental information are available and the error factor is set by default to $f = 2.0$, in order to cover the uncertainty of adopted calculations.

All these rules are summarized in Tables 15 and 16 for (n,γ) and (n,f) reactions.

Table 15. Rules for error factors for (n,γ) and (n,f) for regions with experimental data.

Reaction	Region	Error factor (f)
(n,γ)	1/v	derived from Δσ (0.0253 eV) in Eq. (2)
(n,γ)	$E_V – E_H$	= 1.5 if only resolved resonance data are available and no resonance integrals
(n,γ)	$E_V – E_H$	>1.1 based on ΔIr taken from Eq. (3)
(n,γ)	E_H – 20 MeV	< 1.5 estimated from >E_H average EXFOR data and/or from σ(sys) at 14.5 MeV
(n,γ)	20 – 60 MeV	= f (E_H – 20 MeV)
(n,f)	1/v	derived from Δσ (0.0253 eV) in Eq. (2)
(n,f)	$E_V – E_H$	1.5 if experimental resolved resonance data available
(n,f)	E_H – 20 MeV	> 1.5 dependent on the agreement with EXFOR data
(n,f)	20 – 60 MeV	= f (E_H – 20 MeV)

Table 16. Rules for error factors for (n,γ) and (n,f) for regions with no experimental data.

Reaction	Region	Error factor (f)
(n,γ)	$1/v$ [a]	10.0
(n,γ)	$E_V – E_H$	2.0
(n,γ)	$E_H – 20$ MeV	>2.0
(n,γ)	$20 – 60$ MeV	>2.0
(n,f)	$1/v$ [b]	5.0
(n,f)	$E_V – E_H$	3.0
(n,f)	$E_H – 20$ MeV	2.0
(n,f)	$20 – 60$ MeV	2.0

[a] Based on $\sigma(\text{th}) = f(aU)$ crude systematic from [34]
[b] Based on systematic of Behrens from [52].

(n,p) and (n,α) reactions

Two groups of data are included in this section. Firstly, reactions with experimentally determined resonance parameters for p or α exit channels and secondly reactions treated with Low Energy Approximation (LEA), where the resolved resonance region is approximated by the data from (n,γ) reaction, assuming a constant ratio of cross sections $\sigma(n,p)/\sigma(n,\gamma)$ or $\sigma(n,\alpha)/\sigma(n,\gamma)$ at low incident energies in the keV region.

The LEA component is generated from the $1/v$ and resolved resonance regions taken from the corresponding (n,γ) reaction and normalized to the thermal cross section reaction value of the (n,p) or (n,α) reaction. These thermal values are either taken from experiments or if no experiment are available, the TALYS calculated ratio $\sigma(n,p)/\sigma(n,\gamma)$ or $\sigma(n,\alpha)/\sigma(n,\gamma)$ at 1 keV is used.

Table 17. Rules for error factors for (n,p) and (n,α) regions with LEA data.

RN of $1/v$ to $\sigma(\text{th.})$	Error factor (f) $1/v$	Error factor (f) $(E_V – E_H)$
$\sigma(n,p)$ or $\sigma(n,\alpha)$ exp.	$\Delta\sigma$ (0.0253eV) used	2.0
$\sigma(n,\gamma)$ exp.	2.0	2.0
$\sigma(n,\gamma)$ estimated	10.0	10.0

Secondly, the (n,p) and (n,α) reactions with a $1/v$ component directly coupled to a statistical calculation, and having no resonance regions; are treated as model derived channel and associated with only two-group uncertainty data set.

Uncertainty assignments for branched cross-sections

The same rules as for the threshold branched reactions are also applied to the non-threshold branched channels.

EAF data formats

Point-wise data formats

The format of the EAF-2010 file is essentially that of the MF = 3 file of ENDF-5 format with the following deviations (the resulting format is usually referred to as the EAF format):

- Two comment lines have been added at an earlier stage, stating the origin of data, the SAFEPAQ-II modifications and the Quality score.

- The material number MAT consists of *Z* and the two last digits of *A*. To describe isomeric targets *A* has been increased by 50 or 70 (m or n, respectively). Consequently, the order of the cross sections (according to increasing MAT numbers) is not always in accordance with increasing *Z* and *A*. This applies only to the point-wise format data, not to the multi-group constant library, for which another MAT number with more digits is used.

- The identifiers LIS and LFS are used to indicate the (isomeric) states of the target and final nucleus, respectively. Here we have adopted the convention that LFS = 99 means total production cross section; LFS = 0, 1, or 2 means production of ground state, first and second isomeric state, respectively.

- The reaction nomenclature is as defined by ENDF, except that reaction numbers leading to isomeric states have been increased by 300 or 600 (for m and n, respectively). The cross sections for one material number are ordered according to increasing MT numbers, except that cross sections leading to isomeric states follow immediately after the cross section leading to the ground state.

The composition of the comment lines has been fully described in an earlier section. An example of the EAF point-wise file format is given in Appendix 2.

Group-wise data formats

SAFEPAQ-II calculates the multi-group file using a procedure which is fully described in reference 2. The format of the multi-group library, GXS_EAF, is the LIBOUT format of the code FOUR ACES (ENEA Bologna), again with two additional comment lines

(modification data and Quality score are shown on the first, the second is blank) for each reaction. For reaction numbers the ENDF-reaction number MT multiplied by 10 has been adopted, with the convention that for the excitation of each isomeric state the reaction number is increased by one. The material numbers of EAF_GXS consist of *Z*, *A* and an identifier to indicate ground or isomeric target (MAT = *Z* x 10000 + *A* x 10 + LIS). The order of the cross sections on the EAF_GXS file is in accordance with increasing *Z*, *A*, LIS, LFS and MT.

The multi-group file is produced in one of seven group-structures: that of GAM-2 (100 groups), VITAMIN-J (175 groups), WIMS (69 groups), XMAS (172 groups), VITAMIN-J+ (211 groups), TRIPOLI (315 groups) and TRIPOLI+ (351 groups) with appropriate flux-weighting spectra. However, if required the group structure could be changed into any other energy group structure or weighting function with a small amount of effort.

The accuracy of a set of multi-group constants is determined by the group structure and the weight function. This is particularly true when either the group structure is coarse (e.*g*. VITAMIN-J in the thermal range) or when the flux varies strongly between different regions of the device. Historically all of the weighting functions included a fission spectrum but that is not appropriate when the device is a fusion plant. Similarly having a fusion peak in the weight function used for a fission plant is not correct. Three distinct weight functions have been used to process the group-wise files. They are denoted as:

- FLA or FLT: a flat or constant weight function (not shown).

- FIS: this weight function combines a thermal Maxwellian at low energies, a $1/E$ function at intermediate energies, and a fission spectrum ($T = 1.3539$ MeV) with a fast dropping tail at higher energies shown in 87.

- FUS: this weight function combines a thermal Maxwellian at low energies, a $1/E$ function at intermediate energies, and a velocity exponential fusion peak spectrum with a peak at 14.07 MeV shown in Figure 88.

An example of the EAF group-wise file format is given in Appendix 3.
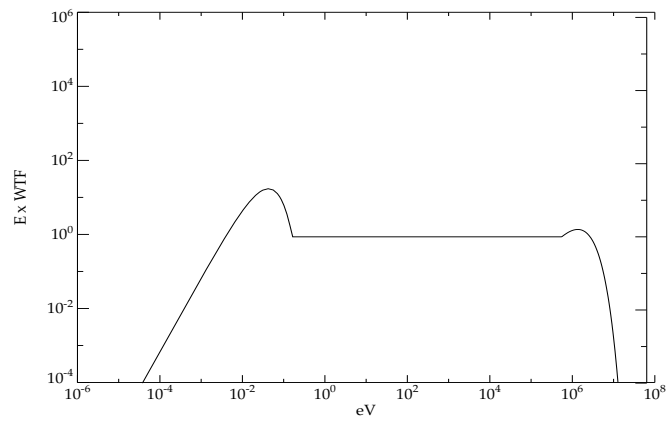
Figure 87. EAF-2010 micro-flux weighting function for fission.
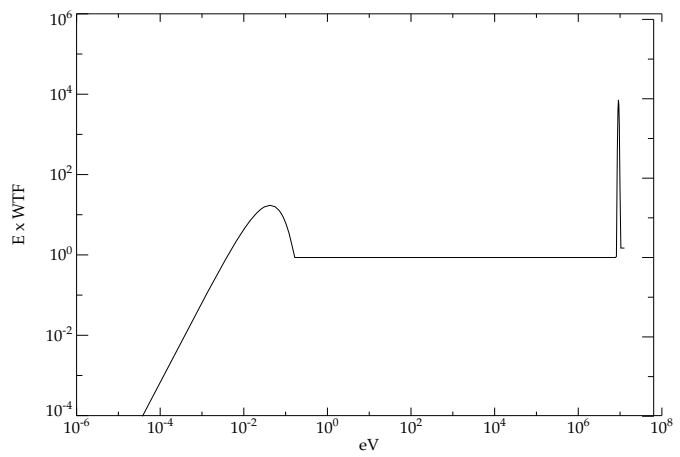
Figure 88. EAF-2010 micro-flux weighting function for fusion.

Conclusions

The neutron-induced cross section data included in comprehensive activation files such as EAF-2010 come from sources having varying degrees of quality. The processing code SAFEPAQ-II enables all the necessary modifications to be performed in a well defined and quality assured manner. This leads to the creation of an activation file that can claim a much higher degree of quality than the original sources. The validation of the processed data, in various energy ranges, allows the correctness of the data treatments to be certified at the processing stage.

However, it is important to note that although the file is probably as complete as required for magnetic fusion applications, the experimental database that allows internal validation by C/E analysis is far from complete and contains many deficiencies. Although systematic comparisons can be made at high energies, the derived uncertainty margins are higher and rely more on estimation than on an experimental comparison. This introduces higher calculational uncertainties and so forces wider safety margins for applications that rely on 14 MeV data. A greater range of experimental measurements is therefore urgently required.

In EAF-2010 results of a wide range of integral experiments have been used to adjust data. Validation of activation code predictions, and thereby of cross section and decay data, has been performed by means of direct comparison with measurements of various materials under fusion-relevant neutron spectra. Integral experiments are a rich source of information with which a wide range of validation and comparison exercises can be made in the activation data field. The broad trends of the time dependent values of the calculated-to-experimental ratios represent the best estimates of the uncertainties that should be applied to predictions made with activation codes.

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Acknowledgements

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Neither the authors nor CCFE accept responsibility for consequences arising from any errors either in the present documentation or in the EAF libraries.

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Appendix 1: EAF uncertainty format

An extract from the uncertainty file is given below for [48]Ti to illustrate the format.

```
TI- 48N,2ND                                                    224833 11
 2.20480E+4 4.7536E+01          0          0          0       1224833 11
 0.0000E+00 0.0000E+00          0         11          0       1224833 11
 0.0000E+00 0.0000E+00          0          1          6       3224833 11
 1.0000E-05 0.0000E+00 2.9227E+07 4.3600E+00 6.0000E+07 0.0000E+00224833 11
                                                               224833  0
TI- 48N,2ND*                                                   224833311
 2.20480E+4 4.7536E+01          0          0          0       1224833311
 0.0000E+00 0.0000E+00          0        311          0       1224833311
 0.0000E+00 0.0000E+00          0          1          6       3224833311
 1.0000E-05 0.0000E+00 2.9240E+07 4.3600E+00 6.0000E+07 0.0000E+00224833311
                                                               224833  0
TI- 48N,2N                                                     224833 16
 2.20480E+4 4.7536E+01          0          0          0       1224833 16
 0.0000E+00 0.0000E+00          0         16          0       1224833 16
 0.0000E+00 0.0000E+00          0          1          8       4224833 16
 1.0000E-05 0.0000E+00 1.1871E+07 1.6000E-01 2.0000E+07 1.6000E-01224833 16
 6.0000E+07 0.0000E+00                                         224833 16
                                                               224833  0
TI- 48N,3N                                                     224833 17
 2.20480E+4 4.7536E+01          0          0          0       1224833 17
 0.0000E+00 0.0000E+00          0         17          0       1224833 17
 0.0000E+00 0.0000E+00          0          1          6       3224833 17
 1.0000E-05 0.0000E+00 2.0936E+07 4.0000E+00 6.0000E+07 0.0000E+00224833 17
                                                               224833  0
TI- 48N,NA                                                     224833 22
 2.20480E+4 4.7536E+01          0          0          0       1224833 22
 0.0000E+00 0.0000E+00          0         22          0       1224833 22
 0.0000E+00 0.0000E+00          0          1          8       4224833 22
 1.0000E-05 0.0000E+00 9.6415E+06 4.0000E+00 2.0000E+07 4.0000E+00224833 22
 6.0000E+07 0.0000E+00                                         224833 22
                                                               224833  0
TI- 48N,N3A                                                    224833 23
 2.20480E+4 4.7536E+01          0          0          0       1224833 23
 0.0000E+00 0.0000E+00          0         23          0       1224833 23
 0.0000E+00 0.0000E+00          0          1          6       3224833 23
 1.0000E-05 0.0000E+00 2.5626E+07 4.0000E+00 6.0000E+07 0.0000E+00224833 23
                                                               224833  0
TI- 48N,2NA                                                    224833 24
 2.20480E+4 4.7536E+01          0          0          0       1224833 24
 0.0000E+00 0.0000E+00          0         24          0       1224833 24
 0.0000E+00 0.0000E+00          0          1          6       3224833 24
 1.0000E-05 0.0000E+00 2.1008E+07 4.0000E+00 6.0000E+07 0.0000E+00224833 24
                                                               224833  0
TI- 48N,3NA                                                    224833 25
 2.20480E+4 4.7536E+01          0          0          0       1224833 25
 0.0000E+00 0.0000E+00          0         25          0       1224833 25
 0.0000E+00 0.0000E+00          0          1          6       3224833 25
 1.0000E-05 0.0000E+00 2.9108E+07 4.0000E+00 6.0000E+07 0.0000E+00224833 25
                                                               224833  0
TI- 48N,NP                                                     224833 28
 2.20480E+4 4.7536E+01          0          0          0       1224833 28
 0.0000E+00 0.0000E+00          0         28          0       1224833 28
 0.0000E+00 0.0000E+00          0          1          8       4224833 28
 1.0000E-05 0.0000E+00 1.1685E+07 1.0000E+00 2.0000E+07 1.0000E+00224833 28
 6.0000E+07 0.0000E+00                                         224833 28
                                                               224833  0
TI- 48N,N2A                                                    224833 29
 2.20480E+4 4.7536E+01          0          0          0       1224833 29
 0.0000E+00 0.0000E+00          0         29          0       1224833 29
 0.0000E+00 0.0000E+00          0          1          8       4224833 29
 1.0000E-05 0.0000E+00 1.8682E+07 4.0000E+00 2.0000E+07 4.0000E+00224833 29
 6.0000E+07 0.0000E+00                                         224833 29
                                                               224833  0
```

Appendix 2: EAF point-wise format

An extract from the point-wise file is given below for [48]Ti to illustrate the format.

```
TI- 48N,D    JENDL-3.2/A                                          <2>2248 3104
JENDL-3.2/A; MERGE  [13, 3]                                          2248 3104
 2.204800+4 4.753605+1          0         99          0         02248 3104
-9.221300+6-9.221300+6          0          0          1       382248 3104
        38          2                                               2248 3104
 9.415280+6 0.00000+00 1.000000+7 1.04916-10 1.100000+7 5.909956-62248 3104
 1.200000+7 2.991022-4 1.300000+7 1.660947-3 1.400000+7 4.635249-32248 3104
 1.450000+7 6.180818-3 1.500000+7 7.546121-3 1.600000+7 1.001907-22248 3104
 1.700000+7 1.273541-2 1.800000+7 1.585344-2 1.900000+7 1.891230-22248 3104
 2.000000+7 2.205152-2 2.100000+7 2.520488-2 2.200000+7 2.793615-22248 3104
 2.300000+7 3.087479-2 2.400000+7 3.314731-2 2.500000+7 3.457036-22248 3104
 2.600000+7 3.527961-2 2.700000+7 3.673552-2 2.800000+7 3.673390-22248 3104
 2.900000+7 3.650321-2 3.000000+7 3.624244-2 3.200000+7 3.459925-22248 3104
 3.400000+7 3.319585-2 3.600000+7 3.164873-2 3.800000+7 3.023110-22248 3104
 4.000000+7 2.850006-2 4.200000+7 2.683018-2 4.400000+7 2.525782-22248 3104
 4.600000+7 2.372756-2 4.800000+7 2.232944-2 5.000000+7 2.106200-22248 3104
 5.200000+7 1.958600-2 5.400000+7 1.816749-2 5.600000+7 1.721654-22248 3104
 5.800000+7 1.616000-2 6.000000+7 1.519379-2                        2248 3104
                                                                    2248 3  0
TI- 48N,T    TALYS-5                                              <5>2248 3105
TALYS-5                                                              2248 3105
 2.204800+4 4.753605+1          0          0          0         02248 3105
 0.00000+00-1.360680+7          0          0          1       332248 3105
        33          2                                               2248 3105
 1.389310+7 0.00000+00 1.450000+7 3.57355-17 1.500000+7 3.07378-122248 3105
 1.600000+7 1.273670-8 1.700000+7 6.093101-6 1.800000+7 8.663710-52248 3105
 1.900000+7 2.502520-4 2.000000+7 4.628490-4 2.100000+7 7.302850-42248 3105
 2.200000+7 1.046330-3 2.300000+7 1.398300-3 2.400000+7 1.783550-32248 3105
 2.500000+7 2.208020-3 2.600000+7 2.647940-3 2.700000+7 2.929550-32248 3105
 2.800000+7 3.119640-3 2.900000+7 3.228290-3 3.000000+7 3.205110-32248 3105
 3.200000+7 3.156890-3 3.400000+7 3.000230-3 3.600000+7 2.791670-32248 3105
 3.800000+7 2.573220-3 4.000000+7 2.375430-3 4.200000+7 2.130200-32248 3105
 4.400000+7 1.932660-3 4.600000+7 1.750800-3 4.800000+7 1.575690-32248 3105
 5.000000+7 1.401650-3 5.200000+7 1.261120-3 5.400000+7 1.166800-32248 3105
 5.600000+7 1.037880-3 5.800000+7 9.348650-4 6.000000+7 8.476800-42248 3105
                                                                    2248 3  0
TI- 48N,T*   TALYS-5                                              <5>2248 3405
TALYS-5                                                              2248 3405
 2.204800+4 4.753605+1          0          1          0         02248 3405
 0.00000+00-1.374940+7          0          0          1       332248 3405
        33          2                                               2248 3405
 1.403860+7 0.00000+00 1.450000+7 9.09804-20 1.500000+7 1.03869-132248 3405
 1.600000+7 2.070380-9 1.700000+7 5.193421-7 1.800000+7 2.757150-52248 3405
 1.900000+7 9.636310-5 2.000000+7 1.825880-4 2.100000+7 2.900350-42248 3405
 2.200000+7 4.154990-4 2.300000+7 5.530530-4 2.400000+7 6.930211-42248 3405
 2.500000+7 8.177311-4 2.600000+7 9.271250-4 2.700000+7 9.519601-42248 3405
 2.800000+7 9.480570-4 2.900000+7 9.385971-4 3.000000+7 9.027960-42248 3405
 3.200000+7 8.756521-4 3.400000+7 8.439901-4 3.600000+7 7.924620-42248 3405
 3.800000+7 7.333200-4 4.000000+7 6.799630-4 4.200000+7 6.065370-42248 3405
 4.400000+7 5.530740-4 4.600000+7 5.042320-4 4.800000+7 4.564160-42248 3405
 5.000000+7 4.056380-4 5.200000+7 3.655270-4 5.400000+7 3.425570-42248 3405
 5.600000+7 3.074570-4 5.800000+7 2.764020-4 6.000000+7 2.537020-42248 3405
                                                                    2248 3  0
TI- 48N,H    TALYS-6a                                             <0>2248 3106
TALYS-6a; NUM  [8]                                                   2248 3106
 2.204800+4 4.753605+1          0         99          0         02248 3106
 0.00000+00-1.221200+7          0          0          1       342248 3106
        34          2                                               2248 3106
 1.246890+7 0.00000+00 1.400000+7 7.42822-17 1.450000+7 5.49937-142248 3106
 1.500000+7 4.81124-12 1.600000+7 1.190510-9 1.700000+7 7.276301-82248 3106
 1.800000+7 1.184090-6 1.900000+7 8.957521-6 2.000000+7 3.173730-52248 3106
 2.100000+7 7.572690-5 2.200000+7 1.232120-4 2.300000+7 2.210730-42248 3106
 2.400000+7 3.463250-4 2.500000+7 4.937490-4 2.600000+7 6.590190-42248 3106
 2.700000+7 8.420960-4 2.800000+7 1.043470-3 2.900000+7 1.255800-32248 3106
 3.000000+7 1.456200-3 3.200000+7 1.743460-3 3.400000+7 1.861190-32248 3106
 3.600000+7 1.884320-3 3.800000+7 1.840940-3 4.000000+7 1.724250-32248 3106
 4.200000+7 1.644600-3 4.400000+7 1.530610-3 4.600000+7 1.401880-32248 3106
 4.800000+7 1.294760-3 5.000000+7 1.203660-3 5.200000+7 1.072430-32248 3106
 5.400000+7 9.715100-4 5.600000+7 9.238000-4 5.800000+7 8.045090-42248 3106
 6.000000+7 7.652780-4                                              2248 3106
                                                                    2248 3  0
```

Appendix 3: EAF group-wise format

An extract from a multi-group file (the VITAMIN-J group structure) is given below for [48]Ti to illustrate the format.

```
220480 1040   19   TI 48  (N,D   )SC 47              1.0000+00*    <2>
JENDL-3.2/A; MERGE   [13, 3]

1.72685E-02 1.31066E-02 1.19070E-02 1.02567E-02 8.28539E-03 6.81911E-03
5.77778E-03 4.68658E-03 3.65131E-03 2.19346E-03 1.22722E-03 8.00201E-04
3.14094E-04 1.03437E-04 5.30540E-06 1.50247E-06 6.07967E-11 1.78124E-12
0.00000E+00
220480 1050    9   TI 48  (N,T   )SC 46G             1.0000+00*    <5>
TALYS-5

1.74856E-04 1.63702E-05 4.23877E-06 8.96049E-07 3.87174E-09 1.43705E-12
2.12440E-14 7.42629E-18 0.00000E+00
220480 1051    9   TI 48  (N,T   )SC 46M1            1.0000+00*    <5>
TALYS-5

6.50880E-05 3.98747E-06 3.61590E-07 7.71532E-08 6.29089E-10 4.85600E-14
7.17008E-16 6.48769E-21 0.00000E+00
220480 1060   13   TI 48  (N,H   )CA 46              1.0000+00*    <0>
TALYS-6a; NUM   [8]

6.72152E-06 2.14696E-07 5.09356E-08 1.15222E-08 3.65005E-10 2.27859E-12
7.31668E-14 5.75538E-15 5.82326E-17 3.39393E-17 1.03151E-17 2.28782E-19
0.00000E+00
220480 1070   50   TI 48  (N,A   )CA 45              1.0000+00*    <4>
FEI; MERGE   [13, 3]

2.76424E-02 3.25164E-02 3.36649E-02 3.45581E-02 3.38536E-02 3.20088E-02
3.03267E-02 2.84573E-02 2.63317E-02 2.31795E-02 2.02614E-02 1.84461E-02
1.59074E-02 1.28754E-02 1.04314E-02 8.75255E-03 7.64612E-03 6.47533E-03
5.17076E-03 3.98926E-03 3.09839E-03 2.39039E-03 1.89329E-03 1.49886E-03
1.26069E-03 1.09945E-03 8.98578E-04 6.84641E-04 5.01715E-04 3.56140E-04
2.41186E-04 1.62336E-04 1.05406E-04 5.82462E-05 2.61538E-05 9.89285E-06
4.79721E-06 2.53027E-06 1.11314E-06 7.48584E-07 4.07125E-07 9.39187E-08
8.68070E-09 7.44223E-09 6.95497E-09 6.23228E-09 4.81469E-09 2.52930E-09
2.74664E-10 0.00000E+00
220480 1080   13   TI 48  (N,2A  )AR 41              1.0000+00*    <0>
TALYS-6a; NUM   [8]

4.06987E-12 1.60971E-16 3.09010E-19 2.64320E-19 2.07303E-19 1.66081E-19
1.39573E-19 1.13717E-19 8.84994E-20 5.20082E-20 1.65220E-20 5.45507E-22
0.00000E+00
220480 1090    1   TI 48  (N,3A  )S 37               1.0000+00*    <0>
TALYS-6a; NUM   [8]

0.00000E+00
220480 1110   11   TI 48  (N,2P  )CA 47              1.0000+00*    <0>
TALYS-6a; NUM   [8]

1.97449E-05 1.63672E-06 5.75336E-07 1.36915E-07 6.93838E-09 1.68592E-11
3.50507E-13 1.46480E-14 1.15377E-17 3.90037E-18 0.00000E+00
220480 1120    7   TI 48  (N,PA  )K 44               1.0000+00*    <0>
TALYS-6a; NUM   [8]

2.97792E-11 7.88243E-16 6.54832E-16 4.61255E-16 2.14277E-16 3.78707E-17
0.00000E+00
220480 1130    1   TI 48  (N,T2A )CL 38G             1.0000+00*    <0>
TALYS-6a

0.00000E+00
220480 1131    1   TI 48  (N,T2A )CL 38M1            1.0000+00*    <0>
TALYS-6a

0.00000E+00
220480 1140    1   TI 48  (N,D2A )CL 39              1.0000+00*    <0>
TALYS-6a; NUM   [8]

0.00000E+00
```

Appendix 4: Index of EAF-2010 reactions

A listing of all 66,256 reactions in the EAF-2010 cross section library is given in the list below. Each reaction is shown with the initial (IS) and final (FS) isomeric states, the origin of the data (see Table 4), the Quality score (see Table 12), the types of modifications made (see reference 2) and the number of data points in the point-wise library. At the start of each reaction the symbol '>' indicates that the data have changed between EAF-2007 and EAF-2010 while '+' indicates that the reaction is new in EAF-2010. Note that two columns per page are presented, read each page from the bottom of column 1 to the start of column 2.

Reaction	Origin	Quality	Modifications	Points
H-1(n,g)H-2	ENDF/B-VI.8	5	[14,5]	652
H-2(n,2n)H-1	IEAF-2001	4	[3,5,7,8]	81
H-2(n,g)H-3	ENDF/B-VI.8	5	[14,5]	492
H-3(n,2n)H-2	IEAF-2001	2	[3,5,7,8]	73
H-3(n,3n)H-1	IEAF-2001	1	[5,7,8]	58
He-3(n,g)He-4	IEAF-2001	5	[14,7,5]	52
He-3(n,p)H-3	IEAF-2001	4	[7,5]	52
>He-3(n,d)H-2	JENDL-3.3	4	[12,12]	63
He-4(n,2n)He-3	IEAF-2001	0	[5,7,8]	36
Li-6(n,2na)H-1	EFF-2.4	0	[12]	75
Li-6(n,n'd)He-4	ADL-3	2	[13,5]	55
Li-6(n,g)Li-7	JENDL-3.2	2	[13,5]	395
Li-6(n,p)He-6	IEAF-2001	4	[5,7,8]	118
Li-6(n,t)He-4	IRDF-2002	4	[13,3,4]	421
Li-7(n,2n)Li-6	EFF-2.4	4	[13,3,4,5]	58
Li-7(n,n'a)H-3	JENDL-3.2/A	5	[12]	23
Li-7(n,2na)H-2	EFF-2.4	0	[12]	57
Li-7(n,n'p)He-6	TALYS-5a	0	[8,4]	29
Li-7(n,g)Li-8	EFF-2.4	4	[14,13]	342
>Li-7(n,d)He-6	ENDF/B-VI.8	2	[13,3,3]	98
Be-7(n,n'p)Li-6	IEAF-2001	0	[5,7,8]	57
Be-7(n,g)Be-8	TALYS-5a	0		100
Be-7(n,p)Li-7	ACTL	4	[13,3,8,15,10,15]	139
Be-7(n,d)Li-6	IEAF-2001	0	[5,7,8]	60
Be-7(n,a)He-4	ACTL	2	[13,11]	56
Be-7(n,2p)He-6	IEAF-2001	0	[5,7,8]	52
Be-9(n,2n)Be-8	IRK	4	[12]	84
Be-9(n,n'p)Li-8	TALYS-6	0	[8,7,8,9,8]	28
Be-9(n,n'd)Li-7	TALYS-6	0		31
Be-9(n,n't)Li-6	TALYS-6	0	[8,7,8,9,8]	27
Be-9(n,g)Be-10	KOPECKY-2000	2	[14,13]	77
Be-9(n,p)Li-9	IRK	2	[13,5]	48
Be-9(n,d)Li-8	IRK	4	[13,4,5]	60
Be-9(n,t)Li-7	IRK	5	[13,5]	53
Be-9(n,a)He-6	IRK	4	[13]	70
Be-10(n,2n)Be-9	IEAF-2001	0	[5,7,8]	76
Be-10(n,3n)Be-8	ADL-3	0	[12]	67
Be-10(n,n'a)He-6	ADL-3	0	[4,12]	69
Be-10(n,n'p)Li-9	TALYS-6a	0	[8]	25
Be-10(n,n'd)Li-8	IEAF-2001	0	[5,7,8]	41
Be-10(n,n't)Li-7	IEAF-2001	0	[5,7,8]	49
Be-10(n,g)Be-11	ENEA(MENGONI)	2	[14,13,12]	201
Be-10(n,d)Li-9	TALYS-6a	0		28
Be-10(n,t)Li-8	TALYS-6a	0		31
B-10(n,n'a)Li-6	ADL-3	0	[12]	72
B-10(n,n'p)Be-9	ADL-3	0	[13,4,5]	67
B-10(n,n'd)Be-8	ADL-3	0	[12]	45
B-10(n,2np)Be-8	ENDF/B-VI(MDF)	0	[12]	47
B-10(n,g)B-11	JENDL-3.2	4	[13]	349
B-10(n,p)Be-10	ENDF/B-VI	2	[13,11]	105
B-10(n,d)Be-9	EFF-2.4	2	[13,3,4,5]	69
B-10(n,t)Be-8	JENDL-3.2/A	6	[7,13,3]	115
B-10(n,h)Li-8	ADL-3	0	[13,5]	47
B-10(n,a)Li-7	IRDF-P	4	[13]	488
B-10(n,ta)He-4	TALYS-6a	0	[10]	100
B-11(n,2nd)Be-8	TALYS-6	0		27
B-11(n,2n)B-10	EFF-2.4	2	[13]	200
B-11(n,n'a)Li-7	TALYS-6a	0	[8]	36
B-11(n,2na)Li-6	TALYS-6	0	[8]	27
B-11(n,n'p)Be-10	TALYS-6a	0	[8]	36
B-11(n,n'd)Be-9	TALYS-6a	0		29
B-11(n,n't)Be-8	TALYS-6a	0	[8,4]	36
B-11(n,2np)Be-9	TALYS-6	0		27
B-11(n,g)B-12	JEF-2.2	2	[14,13]	1064
B-11(n,p)Be-11	EFF-2.4	2	[13]	169
B-11(n,d)Be-10	JENDL-3.3	2	[13,3]	288
>B-11(n,t)Be-9	TALYS-6a	5	[3,8]	40
B-11(n,a)Li-8	EFF-2.4	4	[13]	237
B-11(n,da)He-6	TALYS-6a	0	[8]	28
C-12(n,2nd)B-9	TALYS-6a	0		14
C-12(n,2n)C-11	TALYS-6a	3	[3,8,7,8]	26
C-12(n,3n)C-10	TALYS-6a	0		15
C-12(n,n'a)Be-8	TALYS-6a	0	[8,7,8]	26
C-12(n,2na)Be-7	TALYS-6a	0	[8,7,8,9,8]	18
C-12(n,3na)Be-6	TALYS-6a	0		12
C-12(n,n'p)B-11	TALYS-6a	0	[8,7,8]	28
C-12(n,n'2a)He-4	TALYS-6a	0	[8,7,8,12]	35
C-12(n,n'd)B-10	TALYS-6a	0		23
C-12(n,n't)B-9	TALYS-6a	0		17
C-12(n,n'h)Be-9	TALYS-6a	0		19
C-12(n,2np)B-10	TALYS-6a	0		19
C-12(n,3np)B-9	TALYS-6a	0		13
C-12(n,n'2p)Be-10	TALYS-6a	0		19
C-12(n,n'pa)Li-7	TALYS-6a	0		22
C-12(n,g)C-13	ENEA(MENGONI)	4	[14,13,10]	381
>C-12(n,p)B-12	TALYS-6a	4	[3,8,7,8,8]	34
C-12(n,d)B-11	ADL-3	3	[13]	36
C-12(n,t)B-10	TALYS-5	5		27
C-12(n,h)Be-10	TALYS-6a	0		26
C-12(n,a)Be-9	JENDL-3.2/A	4	[13,4]	106
C-12(n,2p)Be-11	TALYS-6a	0		18
C-12(n,pa)Li-8	TALYS-6a	0	[8,7,8]	22
C-12(n,pd)Be-10	TALYS-6a	0		20
C-12(n,pt)Be-9	TALYS-6a	0	[8,7,8]	19
C-12(n,da)Li-7	TALYS-6a	0		23
C-12(n,2nt)B-8	TALYS-6a	0	[8,7,8]	7
C-12(n,ta)Li-6	TALYS-6a	0		22
C-12(n,n'da)Li-6	TALYS-6a	0		18
C-12(n,2npa)Li-6	TALYS-6a	0		15
C-12(n,2nh)Be-8	TALYS-6a	0		18
C-12(n,3nh)Be-7	TALYS-6a	0		7
C-12(n,3n2p)Be-8	TALYS-6a	0	[8,7,8]	7
C-12(n,3npa)Li-5	TALYS-6	0	[8]	4
C-12(n,dt)Be-8	TALYS-6a	0		20
C-12(n,n'pd)Be-9	TALYS-6a	0		15
C-12(n,n'pt)Be-8	TALYS-6a	0		19
C-12(n,n'dt)Be-7	TALYS-6a	0	[8,7,8,9,8]	8
C-12(n,n'ph)Li-8	TALYS-6a	0		9
C-12(n,n'dh)Li-7	TALYS-6a	0		10
C-12(n,n'th)Li-6	TALYS-6a	0		8
C-12(n,n'ta)Li-5	TALYS-6	0		16
C-12(n,2n2p)Be-9	TALYS-6a	0		14
C-12(n,ph)Li-9	TALYS-6a	0		11
C-12(n,dh)Li-8	TALYS-6a	0	[8,7,8]	9
C-12(n,ha)He-6	TALYS-6a	0		18
C-12(n,n'3p)Li-9	TALYS-6a	0		7
C-13(n,2nd)B-10	TALYS-5	0		17
C-13(n,2n)C-12	JENDL-3.2/A	4	[13,8,4]	49
C-13(n,3n)C-11	TALYS-5	0		22
C-13(n,n'a)Be-9	TALYS-6a	0	[8]	35
C-13(n,2na)Be-8	TALYS-5	0	[8,7,8]	25
C-13(n,3na)Be-7	TALYS-5	0		15
C-13(n,n'p)B-12	TALYS-5	0	[8]	27
C-13(n,2n2a)He-4	TALYS-5	0	[8,7,8]	13
C-13(n,n'd)B-11	TALYS-5	0		26
C-13(n,n't)B-10	TALYS-5	0		21
C-13(n,n'h)Be-10	TALYS-5	0		20
C-13(n,4n)C-10	TALYS-5	0		12
C-13(n,2np)B-11	TALYS-5	0	[8,7,8,9,8]	24
C-13(n,3np)B-10	TALYS-5	0		15
C-13(n,n'2p)Be-11	TALYS-5	0		14
C-13(n,n'pa)Li-8	TALYS-5	0		17
C-13(n,g)C-14	SIG-ECN	4	[13]	565
C-13(n,p)B-13	TALYS-6a	0	[2]	34
C-13(n,d)B-12	TALYS-5	0		30
C-13(n,t)B-11	ADL-3	2	[13]	40
C-13(n,h)Be-11	TALYS-5	0	[8]	20
C-13(n,a)Be-10	TALYS-5	1	[2,8]	63
C-13(n,2a)He-6	TALYS-6a	0	[8]	31
C-13(n,2p)Be-12	TALYS-5	0		16
C-13(n,pa)Li-9	TALYS-5	0		21
C-13(n,pd)Be-11	TALYS-5	0		16
C-13(n,pt)Be-10	TALYS-5	0		21
C-13(n,da)Li-8	TALYS-5	0		19
C-13(n,2nt)B-9	TALYS-5	0		14
C-13(n,ta)Li-7	TALYS-5	0	[8]	23
C-13(n,4np)B-9	TALYS-5	0		10
C-13(n,3nd)B-9	TALYS-5	0		11
C-13(n,n'da)Li-7	TALYS-5	0		17
C-13(n,2npa)Li-7	TALYS-5	0		16
C-13(n,4na)Be-6	TALYS-5	0	[8,7,8]	9
C-13(n,2nh)Be-9	TALYS-5	0		15
C-13(n,3nh)Be-8	TALYS-5	0		14
C-13(n,3n2p)Be-9	TALYS-5	0		11
C-13(n,3npa)Li-6	TALYS-5	0		12
C-13(n,dt)Be-9	TALYS-5	0		16
C-13(n,n'pd)Be-10	TALYS-5	0		15
C-13(n,n'pt)Be-9	TALYS-5	0		15

C-13(n,n'dt)Be-8	TALYS-5	0		15	N-14(n,ha)Li-8	TALYS-6a	0	17
C-13(n,n'ph)Li-9	TALYS-5	0		8	N-14(n,n'3p)Be-11	TALYS-6a	0 [8]	10
C-13(n,n'dh)Li-8	TALYS-5	0		7	N-14(n,3n2pa)Li-6	TALYS-6a	0	8
C-13(n,n'th)Li-7	TALYS-5	0		9	N-15(n,2nd)C-12	TALYS-6a	0 [8,7,8]	21
C-13(n,n'ta)Li-6	TALYS-5	0		16	N-15(n,2n)N-14	TALYS-6a	0	38
C-13(n,2n2p)Be-10	TALYS-5	0		15	N-15(n,3n)N-13	TALYS-6a	0	24
C-13(n,dh)Li-9	TALYS-5	0		9	N-15(n,n'a)B-11	TALYS-6a	0 [8]	37
C-14(n,2nd)B-11	TALYS-6	0		18	N-15(n,2na)B-10	TALYS-6a	0 [8]	22
C-14(n,2n)C-13	TALYS-6	0 [8]		35	N-15(n,3na)B-9	TALYS-6a	0	15
C-14(n,3n)C-12	TALYS-6	0 [8]		28	N-15(n,n'p)C-14	TALYS-6a	0 [8]	39
C-14(n,n'a)Be-10	TALYS-6	0 [8]		35	N-15(n,n'2a)Li-7	TALYS-6a	0 [8]	25
C-14(n,2na)Be-9	TALYS-6	0		26	N-15(n,2n2a)Li-6	TALYS-6a	0 [8]	16
C-14(n,3na)Be-8	TALYS-6	0 [8]		17	N-15(n,n'd)C-13	TALYS-6a	0	29
C-14(n,n'p)B-13	TALYS-6	0		24	N-15(n,n't)C-12	TALYS-6a	0 [8,7,8]	28
C-14(n,n'2a)He-6	TALYS-6	0 [8]		22	N-15(n,n'h)B-12	TALYS-6a	0	16
C-14(n,n'd)B-12	TALYS-6	0		21	N-15(n,n't2a)He-4	TALYS-6a	0 [8,7,8]	13
C-14(n,n't)B-11	TALYS-6	0		24	N-15(n,4n)N-12	TALYS-6a	0	9
C-14(n,n'h)Be-11	TALYS-6	0		14	N-15(n,2np)C-13	TALYS-6a	0	27
C-14(n,4n)C-11	TALYS-6	0		14	N-15(n,3np)C-12	TALYS-6a	0 [8,7,8]	19
C-14(n,2np)B-12	TALYS-6	0		19	N-15(n,n'2p)B-13	TALYS-6a	0	15
C-14(n,3np)B-11	TALYS-6	0		16	N-15(n,n'pa)Be-10	TALYS-6a	0 [8]	22
C-14(n,n'2p)Be-12	TALYS-6	0		12	N-15(n,g)N-16	JENDL-3.3	4 [14,13,3]	1504
C-14(n,n'pa)Li-9	TALYS-6	0 [8]		14	N-15(n,p)C-15	EFF-2.4	2 [13]	56
C-14(n,g)C-15	ENEA(MENGONI)	2 [14,14,13,15,3,3,1085]			N-15(n,d)C-14	TALYS-6a	0 [2]	44
C-14(n,p)B-14	IEAF-2001	0 [2,5,7,8]		39	N-15(n,t)C-13	TALYS-6a	0	40
C-14(n,d)B-13	TALYS-6	0 [8]		26	N-15(n,h)B-13	TALYS-6a	0 [8]	21
C-14(n,t)B-12	TALYS-6	0		28	N-15(n,a)B-12	TALYS-6a	0 [2]	45
C-14(n,h)Be-12	TALYS-6	0		16	N-15(n,2a)Li-8	TALYS-6a	0 [8]	27
C-14(n,a)Be-11	TALYS-6	0 [2]		37	N-15(n,2p)B-14	TALYS-6a	0	15
C-14(n,2p)Be-13	IEAF-2001	0 [5,7,8]		15	N-15(n,pa)Be-11	TALYS-6a	0	23
C-14(n,pd)Be-12	TALYS-6	0		13	N-15(n,d2a)He-6	TALYS-6a	0 [8]	16
C-14(n,pt)Be-11	TALYS-6	0		15	N-15(n,pd)B-13	TALYS-6a	0	16
C-14(n,da)Li-9	TALYS-6	0		16	N-15(n,pt)B-12	TALYS-6a	0	17
C-14(n,5n)C-10	TALYS-6	0		7	N-15(n,da)Be-10	TALYS-6a	0	25
C-14(n,2nt)B-10	TALYS-6	0		14	N-15(n,2nt)C-11	TALYS-6a	0	14
C-14(n,ta)Li-8	TALYS-6	0		17	N-15(n,ta)Be-9	TALYS-6a	0 [8]	24
C-14(n,4np)B-10	TALYS-6	0		10	N-15(n,4np)C-11	TALYS-6a	0	10
C-14(n,3nd)B-10	TALYS-6	0		11	N-15(n,3nd)C-11	TALYS-6a	0	10
C-14(n,n'da)Li-8	TALYS-6	0 [8]		13	N-15(n,n'da)Be-9	TALYS-6a	0	18
C-14(n,2npa)Li-8	TALYS-6	0		12	N-15(n,2npa)Be-9	TALYS-6a	0	16
C-14(n,4na)Be-7	TALYS-6	0		10	N-15(n,3nt)C-10	TALYS-6a	0	7
C-14(n,4nd)B-9	TALYS-6	0		6	N-15(n,2nh)B-11	TALYS-6a	0 [8]	14
C-14(n,3nt)B-9	TALYS-6	0		10	N-15(n,3nh)B-10	TALYS-6a	0	9
C-14(n,2nh)Be-10	TALYS-6	0		14	N-15(n,3n2p)B-11	TALYS-6a	0 [8,7,8]	11
C-14(n,3nh)Be-9	TALYS-6	0		10	N-15(n,3n2a)Li-5	TALYS-5	0 [8]	7
C-14(n,4nh)Be-8	TALYS-6	0		9	N-15(n,3npa)Be-8	TALYS-6a	0 [8,7,8]	11
C-14(n,3n2p)Be-10	TALYS-6	0		10	N-15(n,dt)B-11	TALYS-6a	0	16
C-14(n,3n2a)He-4	TALYS-6	0 [8]		10	N-15(n,n'pd)B-12	TALYS-6a	0 [8]	13
C-14(n,3npa)Li-7	TALYS-6	0		11	N-15(n,n'pt)B-11	TALYS-6a	0	15
C-14(n,dt)Be-10	TALYS-6	0 [8]		15	N-15(n,n'dt)B-10	TALYS-6a	0	10
C-14(n,n'pd)Be-11	TALYS-6	0		11	N-15(n,n'ph)Be-11	TALYS-6a	0	9
C-14(n,n'pt)Be-10	TALYS-6	0		14	N-15(n,n'dh)Be-10	TALYS-6a	0	10
C-14(n,n'dt)Be-9	TALYS-6	0		12	N-15(n,n'th)Be-9	TALYS-6a	0	9
C-14(n,n'th)Li-8	TALYS-6	0		6	N-15(n,n'ta)Be-8	TALYS-6a	0	19
C-14(n,n'ta)Li-7	TALYS-6	0		16	N-15(n,2n2p)B-12	TALYS-6a	0	12
C-14(n,2n2p)Be-11	TALYS-6	0		10	N-15(n,ph)Be-12	TALYS-6a	0 [8]	10
C-14(n,4npa)Li-6	TALYS-6	0		7	N-15(n,dh)Be-11	TALYS-6a	0	10
N-14(n,2nd)C-11	TALYS-6a	0		16	N-15(n,ha)Li-9	TALYS-6a	0	13
N-14(n,2n)N-13	JENDL-3.3	6 [13,4]		250	N-15(n,3n2pa)Li-7	TALYS-6a	0 [8,7,8]	6
N-14(n,3n)N-12	TALYS-6a	0		15	N-15(n,2nd)N-13	TALYS-6a	0	15
N-14(n,n'a)B-10	TALYS-6a	0 [8]		36	>O-16(n,2n)O-15	TALYS-6a	3 [4]	30
N-14(n,2na)B-9	TALYS-6a	0		25	O-16(n,3n)O-14	TALYS-6a	0	16
N-14(n,3na)B-8	TALYS-6a	0		11	O-16(n,n'a)C-12	TALYS-5a	1 [8,7,8]	36
N-14(n,n'p)C-13	TALYS-6a	0 [8]		41	O-16(n,n'3a)He-4	TALYS-6a	0 [8,7,8]	11
N-14(n,n'2a)Li-6	TALYS-6a	0 [8]		27	O-16(n,2na)C-11	TALYS-6a	0	19
N-14(n,2n2a)Li-5	TALYS-6	0 [8]		13	O-16(n,3na)C-10	TALYS-6a	0 [8]	10
N-14(n,n'd)C-12	TALYS-6a	0 [8,7,8]		34	O-16(n,n'p)N-15	JENDL-3.2/A	1 [13,8]	32
N-14(n,n't)C-11	TALYS-6a	0		22	O-16(n,n'2a)Be-8	TALYS-6a	0 [8,7,8]	21
N-14(n,n'h)B-11	TALYS-6a	0		24	O-16(n,2n2a)Be-7	TALYS-6a	0 [8]	13
N-14(n,n'd2a)He-4	TALYS-6a	0 [8,7,8]		11	O-16(n,n'd)N-14	TALYS-6a	0	24
N-14(n,4n)N-11	IEAF-2001	0 [5,7,8]		6	O-16(n,n't)N-13	TALYS-6a	0	20
N-14(n,2np)C-12	TALYS-6a	0 [8,7,8]		30	O-16(n,n'h)C-13	TALYS-6a	0	22
N-14(n,3np)C-11	TALYS-6a	0		16	O-16(n,n'd2a)Li-6	TALYS-6a	0 [8]	11
N-14(n,n'2p)B-12	TALYS-6a	0 [8]		19	O-16(n,n't2a)Li-5	TALYS-6	0 [8]	11
N-14(n,n'pa)Be-9	TALYS-6a	0		27	O-16(n,2np)N-14	TALYS-6a	0	22
N-14(n,g)N-15	BROND-2.2	5 [13]		888	O-16(n,3np)N-13	TALYS-6a	0	14
N-14(n,p)C-14	ENDF/B-VI	4 [13]		796	O-16(n,n'2p)C-14	TALYS-6a	0	23
N-14(n,d)C-13	TALYS-6a	0 [8]		56	O-16(n,n'pa)B-11	TALYS-6a	0	22
N-14(n,t)C-12	EFF-2.4	5 [13]		123	O-16(n,g)O-17	ENEA(MENGONI)	4 [13]	658
N-14(n,h)B-12	TALYS-6a	0 [12]		37	O-16(n,p)N-16	FENDL/A-1	6 [13,15,15]	70
N-14(n,a)B-11	EFF-2.4	4 [13]		595	O-16(n,d)N-15	TALYS-5a	2 [3]	40
N-14(n,2a)Li-7	JENDL-3.3	2 [13]		292	O-16(n,t)N-14	TALYS-5	5	31
N-14(n,2p)B-13	TALYS-6a	0		25	O-16(n,h)C-14	TALYS-6a	0	31
N-14(n,pa)Be-10	TALYS-6a	0 [8]		36	O-16(n,a)C-13	ENDF/B-VI.8	4 [13]	2101
N-14(n,t2a)He-4	TALYS-6a	0 [8,7,8]		20	O-16(n,2a)Be-9	TALYS-6a	0 [8]	33
N-14(n,pd)B-12	TALYS-6a	0		22	O-16(n,2p)C-15	TALYS-6a	0	24
N-14(n,pt)B-11	TALYS-6a	0		25	O-16(n,pa)B-12	TALYS-6a	0 [8]	25
N-14(n,da)Be-9	TALYS-6a	0		29	O-16(n,t2a)Li-6	TALYS-6a	0 [8]	14
N-14(n,2nt)C-10	TALYS-6a	0		12	O-16(n,d2a)Li-7	TALYS-6a	0 [8]	15
N-14(n,ta)Be-8	TALYS-6a	0		31	O-16(n,pd)C-14	TALYS-6a	0	25
N-14(n,4np)C-10	TALYS-6a	0		8	O-16(n,pt)C-13	TALYS-6a	0	23
N-14(n,3nd)C-10	TALYS-6a	0		9	O-16(n,da)B-11	TALYS-6a	0	24
N-14(n,n'da)Be-8	TALYS-6a	0		24	O-16(n,2nt)N-12	TALYS-6a	0 [8]	7
N-14(n,2npa)Be-8	TALYS-6a	0 [8,7,8]		21	O-16(n,ta)B-10	TALYS-6a	0 [8]	18
N-14(n,2nh)B-10	TALYS-6a	0		14	O-16(n,n'da)B-10	TALYS-6a	0	14
N-14(n,3nh)B-9	TALYS-6a	0		10	O-16(n,2npa)B-10	TALYS-6a	0	13
N-14(n,3n2p)B-10	TALYS-6a	0		10	O-16(n,2nh)C-12	TALYS-6a	0	16
N-14(n,3npa)Be-7	TALYS-6a	0		11	O-16(n,3nh)C-11	TALYS-6a	0	7
N-14(n,dt)B-10	TALYS-6a	0		16	O-16(n,3n2p)C-12	TALYS-6a	0 [8,7,8]	10
N-14(n,n'pd)B-11	TALYS-6a	0		18	O-16(n,3npa)B-9	TALYS-6a	0 [8]	8
N-14(n,n'pt)B-10	TALYS-6a	0		15	O-16(n,dt)C-12	TALYS-6a	0	18
N-14(n,n'dt)B-9	TALYS-6a	0		10	O-16(n,n'pd)C-13	TALYS-6a	0	16
N-14(n,n'ph)Be-10	TALYS-6a	0		14	O-16(n,n'pt)C-12	TALYS-6a	0	16
N-14(n,n'dh)Be-9	TALYS-6a	0		11	O-16(n,n'dt)C-11	TALYS-6a	0	8
N-14(n,n'th)Be-8	TALYS-6a	0		14	O-16(n,n'ph)B-12	TALYS-6a	0	10
N-14(n,n'ta)Be-7	TALYS-6a	0		15	O-16(n,n'dh)B-11	TALYS-6a	0	9
N-14(n,2n2p)B-11	TALYS-6a	0		18	O-16(n,n'th)B-10	TALYS-6a	0 [8]	6
N-14(n,ph)Be-11	TALYS-6a	0 [8]		14	O-16(n,n'ta)B-9	TALYS-6a	0	13
N-14(n,dh)Be-10	TALYS-6a	0 [8]		15	O-16(n,2n2p)C-13	TALYS-6a	0	15

Reaction	Library	Flag	Refs	Value
O-16(n,ph)B-13	TALYS-6a	0	[8]	12
O-16(n,dh)B-12	TALYS-6a	0		11
O-16(n,ha)Be-10	TALYS-6a	0	[8]	17
O-16(n,n'3p)B-13	TALYS-6a	0	[8]	8
O-17(n,2nd)N-14	TALYS-6a	0		20
O-17(n,2n)O-16	TALYS-6a	0	[8]	45
O-17(n,3n)O-15	TALYS-6a	0		26
O-17(n,n'a)C-13	TALYS-6a	0		45
O-17(n,2na)C-12	TALYS-6a	0	[8,7,8]	30
O-17(n,3na)C-11	TALYS-6a	0	[8]	15
O-17(n,n'p)N-16	TALYS-6a	0		32
O-17(n,n'2a)Be-9	TALYS-6a	0		28
O-17(n,2n2a)Be-8	TALYS-6a	0	[8,7,8]	16
O-17(n,n'd)N-15	TALYS-6a	0		32
O-17(n,n't)N-14	TALYS-6a	0	[12]	50
O-17(n,n'h)C-14	TALYS-6a	0	[8,12]	49
O-17(n,n'd2a)Li-7	TALYS-6a	0	[8]	13
O-17(n,n't2a)Li-6	TALYS-6a	0	[8]	12
O-17(n,4n)O-14	TALYS-6a	0		14
O-17(n,2np)N-15	TALYS-6a	0		29
O-17(n,3np)N-14	TALYS-6a	0		18
O-17(n,n'2p)C-15	TALYS-6a	0		20
O-17(n,n'pa)B-12	TALYS-6a	0		21
O-17(n,g)O-18	ENDF/B-VI	2	[14,13,3]	383
>O-17(n,p)N-17	TALYS-6a	2	[3]	45
O-17(n,d)N-16	TALYS-6a	0	[4]	37
O-17(n,t)N-15	TALYS-6a	0		45
O-17(n,h)C-15	TALYS-6a	0		28
O-17(n,a)C-14	JENDL-3.2/A	4	[13]	102
O-17(n,2a)Be-10	TALYS-6a	0	[8]	38
O-17(n,3a)He-6	TALYS-6a	0	[8]	23
O-17(n,2p)C-16	TALYS-6a	0		24
O-17(n,pa)B-13	TALYS-6a	0		26
O-17(n,t2a)Li-7	TALYS-6a	0	[8]	16
O-17(n,d2a)Li-8	TALYS-6a	0	[8]	14
O-17(n,pd)C-15	TALYS-6a	0		22
O-17(n,pt)C-14	TALYS-6a	0		27
O-17(n,da)B-12	TALYS-6a	0	[8]	23
O-17(n,2nt)N-13	TALYS-6a	0		16
O-17(n,ta)B-11	TALYS-6a	0	[8]	26
O-17(n,4np)N-13	TALYS-6a	0		12
O-17(n,3nd)N-13	TALYS-6a	0		13
O-17(n,n'da)B-11	TALYS-6a	0		20
O-17(n,2npa)B-11	TALYS-6a	0	[8]	17
O-17(n,4na)C-10	TALYS-6a	0	[8]	8
O-17(n,2nh)C-13	TALYS-6a	0		18
O-17(n,3nh)C-12	TALYS-6a	0		14
O-17(n,3n2p)C-13	TALYS-6a	0		13
O-17(n,3n2a)Be-7	TALYS-6a	0	[8]	11
O-17(n,3npa)B-10	TALYS-6a	0		11
O-17(n,dt)C-13	TALYS-6a	0		21
O-17(n,n'pd)C-14	TALYS-6a	0		21
O-17(n,n'pt)C-13	TALYS-6a	0		19
O-17(n,n'dt)C-12	TALYS-6a	0		15
O-17(n,n'ph)B-13	TALYS-6a	0	[8]	10
O-17(n,n'dh)B-12	TALYS-6a	0		9
O-17(n,n'th)B-11	TALYS-6a	0	[8]	10
O-17(n,n'ta)B-10	TALYS-6a	0		15
O-17(n,2n2p)C-14	TALYS-6a	0		18
O-17(n,ph)B-14	TALYS-6a	0		11
O-17(n,dh)B-13	TALYS-6a	0	[8]	11
O-17(n,ha)Be-11	TALYS-6a	0		15
O-17(n,4n2p)C-12	TALYS-6a	0	[8,7,8]	8
O-18(n,2nd)N-15	TALYS-6a	0		23
O-18(n,2n)O-17	TALYS-6a	0		45
O-18(n,3n)O-16	TALYS-6a	0	[8]	32
O-18(n,n'a)C-14	TALYS-6a	0	[8]	45
O-18(n,n'3a)He-6	TALYS-6a	0	[8]	16
O-18(n,2na)C-13	TALYS-6a	0		31
O-18(n,3na)C-12	TALYS-6a	0	[8,7,8]	22
O-18(n,n'p)N-17	TALYS-6a	0		30
O-18(n,n'2a)Be-10	TALYS-6a	0	[8]	26
O-18(n,2n2a)Be-9	TALYS-6a	0	[8]	19
O-18(n,n'd)N-16	TALYS-6a	0		26
O-18(n,n't)N-15	TALYS-6a	0		30
O-18(n,n'h)C-15	TALYS-6a	0		19
O-18(n,n'd2a)Li-8	TALYS-6a	0	[8]	10
O-18(n,n't2a)Li-7	TALYS-6a	0	[8]	12
O-18(n,4n)O-15	TALYS-6a	0		17
O-18(n,2np)N-16	TALYS-6a	0		23
O-18(n,3np)N-15	TALYS-6a	0		21
O-18(n,n'2p)C-16	TALYS-6a	0		16
O-18(n,n'pa)B-13	TALYS-6a	0	[8]	17
O-18(n,g)O-19	JENDL-3.2/A	4	[14,13]	543
>O-18(n,p)N-18	TALYS-6a	2	[3,8]	33
O-18(n,d)N-17	TALYS-6a	0	[8]	32
O-18(n,t)N-16	TALYS-6a	0		33
O-18(n,h)C-16	TALYS-6a	0		24
O-18(n,a)C-15	TALYS-5	2	[3,8]	57
O-18(n,2a)Be-11	TALYS-6a	0	[8]	27
O-18(n,2p)C-17	TALYS-6a	0	[8]	16
O-18(n,pa)B-14	TALYS-6a	0		19
O-18(n,t2a)Li-8	TALYS-6a	0	[8]	13
O-18(n,d2a)Li-9	TALYS-6a	0	[8]	12
O-18(n,pd)C-16	TALYS-6a	0		20
O-18(n,pt)C-15	TALYS-6a	0		20
O-18(n,da)B-13	TALYS-6a	0		10
O-18(n,5n)O-14	TALYS-6a	0		18
O-18(n,2nt)N-14	TALYS-6a	0		21
O-18(n,ta)B-12	TALYS-6a	0	[8]	13
O-18(n,4np)N-14	TALYS-6a	0		14
O-18(n,3nd)N-14	TALYS-6a	0		16
O-18(n,n'da)B-12	TALYS-6a	0		14
O-18(n,2npa)B-12	TALYS-6a	0	[8]	7
O-18(n,5np)N-13	TALYS-6a	0		11
O-18(n,4na)C-11	TALYS-6a	0		9
O-18(n,4nd)N-13	TALYS-6a	0		12
O-18(n,3nt)N-13	TALYS-6a	0		18
O-18(n,2nh)C-14	TALYS-6a	0		18
O-18(n,3nh)C-13	TALYS-6a	0		13
O-18(n,4nh)C-12	TALYS-6a	0	[8,7,8]	9
O-18(n,3n2p)C-14	TALYS-6a	0		13
O-18(n,3n2a)Be-8	TALYS-6a	0	[8,7,8]	12
O-18(n,3npa)B-11	TALYS-6a	0		13
O-18(n,dt)C-14	TALYS-6a	0		21
O-18(n,n'pd)C-15	TALYS-6a	0		15
O-18(n,n'pt)C-14	TALYS-6a	0		19
O-18(n,n'dt)C-13	TALYS-6a	0		15
O-18(n,n'dh)B-13	TALYS-6a	0	[8]	7
O-18(n,n'th)B-12	TALYS-6a	0		8
O-18(n,n'ta)B-11	TALYS-6a	0		18
O-18(n,2n2p)C-15	TALYS-6a	0		14
O-18(n,dh)B-14	TALYS-6a	0		8
O-18(n,ha)Be-12	TALYS-6a	0	[8]	12
O-18(n,4n2p)C-13	TALYS-6a	0		9
O-18(n,4n2a)Be-7	TALYS-6a	0	[8]	6
F-19(n,2nd)O-16	TALYS-6a	0		27
F-19(n,2n)F-18	IRDF-90.2	6	[13,15]	117
F-19(n,3n)F-17	TALYS-6a	0		26
F-19(n,n'a)N-15	TALYS-6a	0	[8]	63
F-19(n,n'3a)Li-7	TALYS-6a	0	[8]	19
F-19(n,2na)N-14	TALYS-6a	0		31
F-19(n,3na)N-13	TALYS-6a	0	[8]	19
F-19(n,n'p)O-18	TALYS-6a	0	[8]	44
F-19(n,n'2a)B-11	TALYS-6a	0	[8]	30
F-19(n,2n2a)B-10	TALYS-6a	0	[8]	17
F-19(n,n'd)O-17	TALYS-6a	0		32
F-19(n,n't)O-16	TALYS-6a	0	[8]	36
F-19(n,n'h)N-16	TALYS-6a	0		23
F-19(n,n'd2a)Be-9	TALYS-6a	0	[8]	14
F-19(n,n't2a)Be-8	TALYS-6a	0		15
F-19(n,4n)F-16	TALYS-6a	0		12
F-19(n,2np)O-17	TALYS-6a	0		30
F-19(n,3np)O-16	TALYS-6a	0	[8]	24
F-19(n,n'2p)N-17	TALYS-6a	0		21
F-19(n,n'pa)C-14	TALYS-6a	0	[8]	31
F-19(n,g)F-20	JEF-2.2	4	[9,2,14]	1977
F-19(n,p)O-19	ENDF/B-VII.0	6	[13]	344
F-19(n,d)O-18	JENDL-3.3	0	[13,3]	175
F-19(n,t)O-17	TALYS-5	5	[8]	45
F-19(n,h)N-17	TALYS-6a	0		29
F-19(n,a)N-16	ADL-3	4	[13]	194
F-19(n,2a)B-12	TALYS-6a	0	[8]	35
F-19(n,3a)Li-8	TALYS-6a	0	[8]	21
F-19(n,2p)N-18	TALYS-6a	0		24
F-19(n,pa)C-15	TALYS-6a	0	[8]	33
F-19(n,t2a)Be-9	TALYS-6a	0	[8]	19
F-19(n,d2a)Be-10	TALYS-6a	0	[8]	19
F-19(n,pd)N-17	TALYS-6a	0	[8]	23
F-19(n,pt)N-16	TALYS-6a	0		24
F-19(n,da)C-14	TALYS-6a	0	[8]	35
F-19(n,2nt)O-15	TALYS-6a	0		18
F-19(n,ta)C-13	TALYS-6a	0	[8]	31
F-19(n,4np)O-15	TALYS-6a	0		13
F-19(n,3nd)O-15	TALYS-6a	0		14
F-19(n,n'da)C-13	TALYS-6a	0		25
F-19(n,2npa)C-13	TALYS-6a	0	[8]	22
F-19(n,4na)N-12	TALYS-6a	0	[8]	7
F-19(n,3nt)O-14	TALYS-6a	0		10
F-19(n,2nh)N-15	TALYS-6a	0		21
F-19(n,3nh)N-14	TALYS-6a	0		13
F-19(n,4nh)N-13	TALYS-6a	0		7
F-19(n,3n2p)N-15	TALYS-6a	0		14
F-19(n,3n2a)B-9	TALYS-6a	0	[8]	12
F-19(n,3npa)C-12	TALYS-6a	0		15
F-19(n,dt)N-15	TALYS-6a	0	[8]	23
F-19(n,n'pd)N-16	TALYS-6a	0		17
F-19(n,n'pt)N-15	TALYS-6a	0		21
F-19(n,n'dt)N-14	TALYS-6a	0		14
F-19(n,n'ph)C-15	TALYS-6a	0		14
F-19(n,n'dh)C-14	TALYS-6a	0		14
F-19(n,n'th)C-13	TALYS-6a	0		13
F-19(n,n'ta)C-12	TALYS-6a	0		23
F-19(n,2n2p)N-16	TALYS-6a	0		16
F-19(n,ph)C-16	TALYS-6a	0		16
F-19(n,dh)C-15	TALYS-6a	0		15
F-19(n,ha)B-13	TALYS-6a	0	[8]	17
F-19(n,4n2p)N-14	TALYS-6a	0		9
F-19(n,4npa)C-11	TALYS-6a	0		7
F-19(n,n'3p)C-16	TALYS-6a	0		12
F-19(n,3n2pa)B-11	TALYS-6a	0		9
Ne-20(n,2nd)F-17	TALYS-6a	0		16
Ne-20(n,2n)Ne-19	TALYS-6a	0		29
Ne-20(n,3n)Ne-18	TALYS-6a	0		17
Ne-20(n,n'a)O-16	TALYS-6a	0	[8]	50
Ne-20(n,n'3a)Be-8	TALYS-6a	0	[8,7,8]	16
Ne-20(n,2na)O-15	TALYS-6a	0		25
Ne-20(n,3na)O-14	TALYS-6a	0		14
Ne-20(n,n'p)F-19	TALYS-6a	0	[8]	34
Ne-20(n,n'2a)C-12	TALYS-6a	0	[8,7,8]	29
Ne-20(n,2n2a)C-11	TALYS-6a	0		15
Ne-20(n,n'd)F-18	TALYS-6a	0		24
Ne-20(n,n't)F-17	TALYS-6a	0		21
Ne-20(n,n'h)O-17	TALYS-6a	0		24
Ne-20(n,n'd2a)B-10	TALYS-6a	0		12
Ne-20(n,n't2a)B-9	TALYS-6a	0	[8]	9
Ne-20(n,2np)F-18	TALYS-6a	0		22
Ne-20(n,3np)F-17	TALYS-6a	0		14
Ne-20(n,n'2p)O-18	TALYS-6a	0	[8]	24
Ne-20(n,n'pa)N-15	TALYS-6a	0	[8]	28
Ne-20(n,g)Ne-21	SIGECN-MASGAM	3	[13]	1233
Ne-20(n,p)F-20	TALYS-6a	0	[2,8]	52
Ne-20(n,d)F-19	TALYS-6a	0		39
Ne-20(n,t)F-18	TALYS-5	5		31
Ne-20(n,h)O-18	TALYS-6a	0	[8]	33
>Ne-20(n,a)O-17	TALYS-6	4	[8,4]	81
Ne-20(n,2a)C-13	TALYS-6a	0		45
Ne-20(n,3a)Be-9	TALYS-6a	0	[8]	25

Reaction	Library		Refs	Value
Ne-20(n,2p)O-19	TALYS-6a	0	[8]	28
Ne-20(n,pa)N-16	TALYS-6a	0	[8]	30
Ne-20(n,t2a)B-10	TALYS-6a	0	[8]	14
Ne-20(n,d2a)B-11	TALYS-6a	0	[8]	18
Ne-20(n,pd)O-18	TALYS-6a	0		27
Ne-20(n,pt)O-17	TALYS-6a	0		25
Ne-20(n,da)N-15	TALYS-6a	0		31
Ne-20(n,2nt)F-16	TALYS-6a	0		10
Ne-20(n,ta)N-14	TALYS-6a	0		26
Ne-20(n,3nd)F-16	TALYS-6a	0		7
Ne-20(n,n'da)N-14	TALYS-6a	0	[8]	19
Ne-20(n,2npa)N-14	TALYS-6a	0		17
Ne-20(n,2nh)O-16	TALYS-6a	0		20
Ne-20(n,3nh)O-15	TALYS-6a	0		10
Ne-20(n,3n2p)O-16	TALYS-6a	0	[8]	13
Ne-20(n,3npa)N-13	TALYS-6a	0		11
Ne-20(n,dt)O-16	TALYS-6a	0		23
Ne-20(n,n'pd)O-17	TALYS-6a	0		18
Ne-20(n,n'pt)O-16	TALYS-6a	0	[8]	20
Ne-20(n,n'dt)O-15	TALYS-6a	0	[8]	11
Ne-20(n,n'ph)N-16	TALYS-6a	0		13
Ne-20(n,n'dh)N-15	TALYS-6a	0		13
Ne-20(n,n'th)N-14	TALYS-6a	0	[8]	10
Ne-20(n,n'ta)N-13	TALYS-6a	0	[8]	15
Ne-20(n,2n2p)O-17	TALYS-6a	0		16
Ne-20(n,ph)N-17	TALYS-6a	0		16
Ne-20(n,dh)N-16	TALYS-6a	0		14
Ne-20(n,ha)C-14	TALYS-6a	0	[8]	25
Ne-20(n,3p)N-18	TALYS-6a	0	[8]	13
Ne-20(n,n'3p)N-17	TALYS-6a	0		12
Ne-20(n,3n2pa)C-12	TALYS-6a	0	[8,7,8]	8
Ne-21(n,2nd)F-18	TALYS-6a	0		17
Ne-21(n,2n)Ne-20	IEAF-2001	0	[5,7,8,4]	94
Ne-21(n,3n)Ne-19	TALYS-6a	0		22
Ne-21(n,n'a)O-17	TALYS-6a	0	[8]	46
Ne-21(n,n'3a)Be-9	TALYS-6a	0	[8]	18
Ne-21(n,2na)O-16	TALYS-6a	0	[8]	33
Ne-21(n,3na)O-15	TALYS-6a	0		18
Ne-21(n,n'p)F-20	TALYS-6a	0		34
Ne-21(n,n'2a)C-13	TALYS-6a	0	[8]	31
Ne-21(n,2n2a)C-12	TALYS-6a	0	[8,7,8]	22
Ne-21(n,n'd)F-19	TALYS-6a	0		28
Ne-21(n,n't)F-18	TALYS-6a	0		24
Ne-21(n,n'h)O-18	TALYS-6a	0	[8]	25
Ne-21(n,n'd2a)B-11	TALYS-6a	0	[8]	13
Ne-21(n,n't2a)B-10	TALYS-6a	0	[8]	10
Ne-21(n,4n)Ne-18	TALYS-6a	0		13
Ne-21(n,2np)F-19	TALYS-6a	0		26
Ne-21(n,3np)F-18	TALYS-6a	0		16
Ne-21(n,n'2p)O-19	TALYS-6a	0	[8]	21
Ne-21(n,n'pa)N-16	TALYS-6a	0		24
Ne-21(n,g)Ne-22	SIGECN-MASGAM	3	[14,13]	785
Ne-21(n,p)F-21	TALYS-6a	0	[2,8]	59
Ne-21(n,d)F-20	TALYS-6a	0	[8]	38
Ne-21(n,t)F-19	TALYS-6a	0		38
Ne-21(n,h)O-19	TALYS-6a	0	[8]	29
Ne-21(n,a)O-18	ADL-3	2	[9,13,3,3]	688
Ne-21(n,2a)C-14	TALYS-6a	0	[8]	53
Ne-21(n,3a)Be-10	TALYS-6a	0	[8]	25
Ne-21(n,2p)O-20	TALYS-6a	0	[8]	29
Ne-21(n,pa)N-17	TALYS-6a	0	[8]	30
Ne-21(n,t2a)B-11	TALYS-6a	0	[8]	17
Ne-21(n,d2a)B-12	TALYS-6a	0	[8]	15
Ne-21(n,pd)O-19	TALYS-6a	0		24
Ne-21(n,pt)O-18	TALYS-6a	0		26
Ne-21(n,da)N-16	TALYS-6a	0	[8]	25
Ne-21(n,2nt)F-17	TALYS-6a	0		15
Ne-21(n,ta)N-15	TALYS-6a	0	[8]	30
Ne-21(n,4np)F-17	TALYS-6a	0		11
Ne-21(n,3nd)F-17	TALYS-6a	0		12
Ne-21(n,n'da)N-15	TALYS-6a	0		24
Ne-21(n,2npa)N-15	TALYS-6a	0	[8]	21
Ne-21(n,4na)O-14	TALYS-6a	0		10
Ne-21(n,3nt)F-16	TALYS-6a	0		7
Ne-21(n,2nh)O-17	TALYS-6a	0		17
Ne-21(n,3nh)O-16	TALYS-6a	0	[8]	14
Ne-21(n,3n2p)O-17	TALYS-6a	0		13
Ne-21(n,3n2a)C-11	TALYS-6a	0	[8]	11
Ne-21(n,3npa)N-14	TALYS-6a	0		13
Ne-21(n,dt)O-17	TALYS-6a	0		20
Ne-21(n,n'pd)O-18	TALYS-6a	0		20
Ne-21(n,n'pt)O-17	TALYS-6a	0		18
Ne-21(n,n'dt)O-16	TALYS-6a	0		16
Ne-21(n,n'ph)N-17	TALYS-6a	0	[8]	12
Ne-21(n,n'dh)N-16	TALYS-6a	0		11
Ne-21(n,n'th)N-15	TALYS-6a	0	[8]	12
Ne-21(n,n'ta)N-14	TALYS-6a	0		19
Ne-21(n,2n2p)O-18	TALYS-6a	0	[8]	17
Ne-21(n,ph)N-18	TALYS-6a	0		14
Ne-21(n,dh)N-17	TALYS-6a	0		14
Ne-21(n,ha)C-15	TALYS-6a	0	[8]	19
Ne-21(n,4n2p)O-16	TALYS-6a	0	[8]	10
Ne-21(n,4npa)N-13	TALYS-6a	0	[8]	7
Ne-21(n,n'3p)N-18	TALYS-6a	0		10
Ne-21(n,3n2pa)C-13	TALYS-6a	0		9
Ne-22(n,2nd)F-19	TALYS-6a	0		17
Ne-22(n,2n)Ne-21	TALYS-6a	0		40
Ne-22(n,3n)Ne-20	TALYS-6a	0		29
Ne-22(n,n'a)O-18	TALYS-6a	0		41
Ne-22(n,n'3a)Be-10	TALYS-6a	0	[8]	15
Ne-22(n,2na)O-17	TALYS-6a	0		28
Ne-22(n,3na)O-16	TALYS-6a	0	[8]	21
Ne-22(n,n'p)F-21	TALYS-6a	0	[8]	30
Ne-22(n,n'2a)C-14	TALYS-6a	0	[8]	29
Ne-22(n,2n2a)C-13	TALYS-6a	0	[8]	20
Ne-22(n,n'd)F-20	TALYS-6a	0		24
Ne-22(n,n't)F-19	TALYS-6a	0		24
Ne-22(n,n'h)O-19	TALYS-6a	0		19
Ne-22(n,n'd2a)B-12	TALYS-6a	0	[8]	10
Ne-22(n,n't2a)B-11	TALYS-6a	0	[8]	11
Ne-22(n,4n)Ne-19	TALYS-6a	0		14
Ne-22(n,2np)F-20	TALYS-6a	0		22
Ne-22(n,3np)F-19	TALYS-6a	0		16
Ne-22(n,n'2p)O-20	TALYS-6a	0		19
Ne-22(n,n'pa)N-17	TALYS-6a	0	[8]	19
Ne-22(n,g)Ne-23	SIGECN-MASGAM	3	[13]	618
Ne-22(n,p)F-22	TALYS-6a	0	[2,8]	40
Ne-22(n,d)F-21	TALYS-6a	0		34
Ne-22(n,t)F-20	TALYS-6a	0		31
Ne-22(n,h)O-20	TALYS-6a	0		27
Ne-22(n,a)O-19	TALYS-6a	0	[2,8]	54
Ne-22(n,2a)C-15	TALYS-6a	0	[8]	30
Ne-22(n,3a)Be-11	TALYS-6a	0	[8]	15
Ne-22(n,2p)O-21	TALYS-6a	0		23
Ne-22(n,pa)N-18	TALYS-6a	0	[8]	22
Ne-22(n,t2a)B-12	TALYS-6a	0	[8]	13
Ne-22(n,d2a)B-13	TALYS-6a	0	[8]	12
Ne-22(n,pd)O-20	TALYS-6a	0		21
Ne-22(n,pt)O-19	TALYS-6a	0	[8]	19
Ne-22(n,da)N-17	TALYS-6a	0	[8]	21
Ne-22(n,5n)Ne-18	TALYS-6a	0		8
Ne-22(n,2nt)F-18	TALYS-6a	0		15
Ne-22(n,ta)N-16	TALYS-6a	0	[8]	21
Ne-22(n,4np)F-18	TALYS-6a	0		10
Ne-22(n,3nd)F-18	TALYS-6a	0		12
Ne-22(n,n'da)N-16	TALYS-6a	0		16
Ne-22(n,2npa)N-16	TALYS-6a	0		15
Ne-22(n,4na)O-15	TALYS-6a	0		12
Ne-22(n,4nd)F-17	TALYS-6a	0		7
Ne-22(n,3nt)F-17	TALYS-6a	0		10
Ne-22(n,2nh)O-18	TALYS-6a	0	[8]	15
Ne-22(n,3nh)O-17	TALYS-6a	0		11
Ne-22(n,4nh)O-16	TALYS-6a	0		9
Ne-22(n,3n2p)O-18	TALYS-6a	0		12
Ne-22(n,3n2a)C-12	TALYS-6a	0	[8,7,8]	14
Ne-22(n,3npa)N-15	TALYS-6a	0		13
Ne-22(n,dt)O-18	TALYS-6a	0		18
Ne-22(n,n'pd)O-19	TALYS-6a	0		15
Ne-22(n,n'pt)O-18	TALYS-6a	0		16
Ne-22(n,n'dt)O-17	TALYS-6a	0		13
Ne-22(n,n'ph)N-18	TALYS-6a	0	[8]	8
Ne-22(n,n'dh)N-17	TALYS-6a	0	[8]	8
Ne-22(n,n'th)N-16	TALYS-6a	0	[8]	8
Ne-22(n,n'ta)N-15	TALYS-6a	0	[8]	19
Ne-22(n,2n2p)O-19	TALYS-6a	0		14
Ne-22(n,ph)N-19	TALYS-6a	0	[8]	11
Ne-22(n,dh)N-18	TALYS-6a	0		10
Ne-22(n,ha)C-16	TALYS-6a	0		15
Ne-22(n,4n2p)O-17	TALYS-6a	0		7
Ne-22(n,4npa)N-14	TALYS-6a	0		8
Ne-22(n,3n2pa)C-14	TALYS-6a	0		8
Na-22(n,2nd)Ne-19	TALYS-6a	0		17
Na-22(n,2n)Na-21	TALYS-6a	0		38
Na-22(n,3n)Na-20	TALYS-6a	0		17
Na-22(n,n'a)F-18	TALYS-6a	0	[8]	43
Na-22(n,n'3a)B-10	TALYS-6a	0	[8]	17
Na-22(n,2na)F-17	TALYS-6a	0		28
Na-22(n,3na)F-16	TALYS-6a	0		13
Na-22(n,n'p)Ne-21	TALYS-6a	0		50
Na-22(n,n'2a)N-14	TALYS-6a	0	[8]	32
Na-22(n,2n2a)N-13	TALYS-6a	0	[8]	20
Na-22(n,n'd)Ne-20	TALYS-6a	0		38
Na-22(n,n't)Ne-19	TALYS-6a	0	[8]	23
Na-22(n,n'h)F-19	TALYS-6a	0		27
Na-22(n,n'd2a)C-12	TALYS-6a	0	[8,7,8]	17
Na-22(n,n't2a)C-11	TALYS-6a	0	[8]	11
Na-22(n,2np)Ne-20	TALYS-6a	0		33
Na-22(n,3np)Ne-19	TALYS-6a	0		16
Na-22(n,n'2p)F-20	TALYS-6a	0		26
Na-22(n,n'pa)O-17	TALYS-6a	0	[8]	31
Na-22(n,g)Na-23	JEF-2.2	5	[13,13]	615
Na-22(n,p)Ne-22	JEF-2.2	2	[13]	333
Na-22(n,d)Ne-21	TALYS-6a	0	[8]	61
Na-22(n,t)Ne-20	TALYS-6a	0		59
Na-22(n,h)F-20	TALYS-6a	0		36
Na-22(n,a)F-19	JEF-2.2(MDF)	2	[13]	243
Na-22(n,2a)N-15	TALYS-6a	0	[8]	70
Na-22(n,3a)B-11	TALYS-6a	0	[8]	30
Na-22(n,2p)F-21	TALYS-6a	0	[8]	36
Na-22(n,pa)O-18	TALYS-6a	0	[8]	51
Na-22(n,t2a)C-12	TALYS-6a	0	[8,7,8]	24
Na-22(n,d2a)C-13	TALYS-6a	0	[8]	25
Na-22(n,pd)F-20	TALYS-6a	0		28
Na-22(n,pt)F-19	TALYS-6a	0	[8]	27
Na-22(n,da)O-17	TALYS-6a	0	[8]	35
Na-22(n,2nt)Ne-18	TALYS-6a	0		14
Na-22(n,ta)O-16	TALYS-6a	0	[8]	39
Na-22(n,4np)Ne-18	TALYS-6a	0		10
Na-22(n,3nd)Ne-18	TALYS-6a	0		11
Na-22(n,n'da)O-16	TALYS-6a	0	[8]	29
Na-22(n,2npa)O-16	TALYS-6a	0	[8]	26
Na-22(n,2nh)F-18	TALYS-6a	0		16
Na-22(n,3nh)F-17	TALYS-6a	0		12
Na-22(n,3n2p)F-18	TALYS-6a	0		12
Na-22(n,3npa)O-15	TALYS-6a	0		14
Na-22(n,dt)F-18	TALYS-6a	0		19
Na-22(n,n'pd)F-19	TALYS-6a	0		21
Na-22(n,n'pt)F-18	TALYS-6a	0		17
Na-22(n,n'dt)F-17	TALYS-6a	0		13
Na-22(n,n'ph)O-18	TALYS-6a	0	[8]	18
Na-22(n,n'dh)O-17	TALYS-6a	0	[8]	14
Na-22(n,n'th)O-16	TALYS-6a	0	[8]	15
Na-22(n,n'ta)O-15	TALYS-6a	0	[8]	19
Na-22(n,2n2p)F-19	TALYS-6a	0		19
Na-22(n,ph)O-19	TALYS-6a	0	[8]	22
Na-22(n,dh)O-18	TALYS-6a	0	[8]	20
Na-22(n,ha)N-16	TALYS-6a	0	[8]	23
Na-22(n,4n2p)F-17	TALYS-6a	0		7

Na-22(n,3p)O-20	TALYS-6a	0 [8]	22	Na-24(n,2npa)O-18	TALYS-6a	0 [8]	19
Na-22(n,n'3p)O-19	TALYS-6a	0 [8]	15	Na-24(n,4na)F-17	TALYS-6a	0	12
Na-22(n,3n2pa)N-14	TALYS-6a	0	10	Na-24(n,4nd)Ne-19	TALYS-6a	0	7
Na-23(n,2nd)Ne-20	TALYS-6a	0	22	Na-24(n,3nt)Ne-19	TALYS-6a	0	10
Na-23(n,2n)Na-22	JENDL-99D	6 [13,3]	41	Na-24(n,2nh)F-20	TALYS-6a	0	15
Na-23(n,3n)Na-21	TALYS-6a	0	22	Na-24(n,3nh)F-19	TALYS-6a	0	12
Na-23(n,n'a)F-19	EFF-2.4	4 [13]	41	Na-24(n,4nh)F-18	TALYS-6a	0	6
Na-23(n,n'3a)B-11	TALYS-6a	0 [8]	16	Na-24(n,3n2p)F-20	TALYS-6a	0	11
Na-23(n,2na)F-18	TALYS-6a	0 [8]	24	Na-24(n,3n2a)N-14	TALYS-6a	0 [8]	14
Na-23(n,3na)F-17	TALYS-6a	0	16	Na-24(n,3npa)O-17	TALYS-6a	0	14
Na-23(n,n'p)Ne-22	ADL-3	2 [13,3]	44	Na-24(n,dt)F-20	TALYS-6a	0 [8]	16
Na-23(n,n'2a)N-15	TALYS-6a	0 [8]	30	Na-24(n,n'pd)F-21	TALYS-6a	0	16
Na-23(n,2n2a)N-14	TALYS-6a	0 [8]	19	Na-24(n,n'pt)F-20	TALYS-6a	0 [8]	15
Na-23(n,n'd)Ne-21	TALYS-6a	0	29	Na-24(n,n'dt)F-19	TALYS-6a	0	13
Na-23(n,n't)Ne-20	TALYS-6a	0	28	Na-24(n,n'ph)O-20	TALYS-6a	0 [8]	13
Na-23(n,n'h)F-20	TALYS-6a	0	21	Na-24(n,n'dh)O-19	TALYS-6a	0 [8]	10
Na-23(n,n'd2a)C-13	TALYS-6a	0 [8]	14	Na-24(n,n'th)O-18	TALYS-6a	0 [8]	11
Na-23(n,n't2a)C-12	TALYS-6a	0 [8,7,8]	14	Na-24(n,n'ta)O-17	TALYS-6a	0	20
Na-23(n,4n)Na-20	TALYS-6a	0	10	Na-24(n,2n2p)F-21	TALYS-6a	0	15
Na-23(n,2np)Ne-21	TALYS-6a	0	27	Na-24(n,ph)O-21	TALYS-6a	0 [8]	15
Na-23(n,3np)Ne-20	TALYS-6a	0	19	Na-24(n,dh)O-20	TALYS-6a	0 [8]	14
Na-23(n,n'2p)F-21	TALYS-6a	0	21	Na-24(n,ha)N-18	TALYS-6a	0	15
Na-23(n,n'pa)O-18	TALYS-6a	0	27	Na-24(n,4n2p)F-19	TALYS-6a	0	8
Na-23(n,g)Na-24g	JEF-2.2	2 [9,2,4,6]	3045	Na-24(n,4n2a)N-13	TALYS-6a	0 [8]	8
Na-23(n,g)Na-24m	JEF-2.2	2 [9,2,7,4,6,4]	3045	Na-24(n,4npa)O-16	TALYS-6a	0 [8]	11
Na-23(n,p)Ne-23	EFF-2.4	6 [13,3]	78	Na-24(n,n'3p)O-21	TALYS-6a	0 [8]	11
Na-23(n,d)Ne-22	TALYS-6a	0	51	Mg-24(n,2nd)Na-21	TALYS-6a	0	14
Na-23(n,t)Ne-21	ADL-3	5 [13,3]	44	>Mg-24(n,2n)Mg-23	IEAF-2001	0 [5,7,8]	43
Na-23(n,h)F-21	TALYS-6a	0	29	Mg-24(n,3n)Mg-22	TALYS-6a	0	16
Na-23(n,a)F-20	ADL-3	4 [13]	45	Mg-24(n,n'a)Ne-20	TALYS-6a	0 [3,8]	41
Na-23(n,2a)N-16	TALYS-6a	0 [8]	32	Mg-24(n,n'3a)C-12	TALYS-6a	0 [8,7,8]	18
Na-23(n,3a)B-12	TALYS-6a	0 [8]	20	Mg-24(n,2na)Ne-19	TALYS-6a	0	19
Na-23(n,2p)F-22	TALYS-6a	0	27	Mg-24(n,3na)Ne-18	TALYS-6a	0	12
Na-23(n,pa)O-19	TALYS-6a	0	31	Mg-24(n,n'p)Na-23	TALYS-6a	0	37
Na-23(n,t2a)C-13	TALYS-6a	0 [8]	18	Mg-24(n,n'2a)O-16	TALYS-6a	0 [8]	29
Na-23(n,d2a)C-14	TALYS-6a	0 [8]	21	Mg-24(n,2n2a)O-15	TALYS-6a	0 [8]	15
Na-23(n,pd)F-21	TALYS-6a	0 [8]	23	Mg-24(n,n'd)Na-22	TALYS-6a	0	24
Na-23(n,pt)F-20	TALYS-6a	0 [8]	21	Mg-24(n,n't)Na-21	TALYS-6a	0 [8]	18
Na-23(n,da)O-18	TALYS-6a	0 [8]	29	Mg-24(n,n'h)Ne-21	TALYS-6a	0	22
Na-23(n,ta)O-17	TALYS-6a	0 [8]	27	Mg-24(n,n'd2a)N-14	TALYS-6a	0 [8]	12
Na-23(n,2nt)Ne-19	TALYS-6a	0	14	Mg-24(n,n't2a)N-13	TALYS-6a	0 [8]	9
Na-23(n,3nd)Ne-19	TALYS-6a	0	10	Mg-24(n,2np)Na-22	TALYS-6a	0	21
Na-23(n,n'da)O-17	TALYS-6a	0 [8]	20	Mg-24(n,3np)Na-21	TALYS-6a	0	13
Na-23(n,2npa)O-17	TALYS-6a	0 [8]	18	Mg-24(n,n'2p)Ne-22	TALYS-6a	0	25
Na-23(n,3nt)Ne-18	TALYS-6a	0 [8,7,8]	7	Mg-24(n,n'pa)F-19	TALYS-6a	0	23
Na-23(n,2nh)F-19	TALYS-6a	0	15	Mg-24(n,g)Mg-25	JENDL-3.1	2 [14,13]	612
Na-23(n,3nh)F-18	TALYS-6a	0	10	>Mg-24(n,p)Na-24g	IRDF-2002	0 [13,4]	70
Na-23(n,3n2p)F-19	TALYS-6a	0	11	>Mg-24(n,p)Na-24m	IRDF-2002	0 [13,4,7,8]	67
Na-23(n,3n2a)N-13	TALYS-6a	0 [8]	12	Mg-24(n,d)Na-23	TALYS-6a	0	42
Na-23(n,3npa)O-16	TALYS-6a	0 [8]	14	Mg-24(n,t)Na-22	TALYS-5	5	30
Na-23(n,dt)F-19	TALYS-6a	0	17	Mg-24(n,h)Ne-22	TALYS-6a	0 [8]	34
Na-23(n,n'pd)F-20	TALYS-6a	0	16	Mg-24(n,a)Ne-21	TALYS-6a	0 [2,8]	70
Na-23(n,n'pt)F-19	TALYS-6a	0	16	Mg-24(n,2a)O-17	TALYS-6a	0 [8]	38
Na-23(n,n'dt)F-18	TALYS-6a	0	11	Mg-24(n,3a)C-13	TALYS-6a	0 [8]	26
Na-23(n,n'ph)O-19	TALYS-6a	0	13	Mg-24(n,2p)Ne-23	TALYS-6a	0 [8]	30
Na-23(n,n'dh)O-18	TALYS-6a	0	12	Mg-24(n,pa)F-20	TALYS-6a	0 [8]	29
Na-23(n,n'th)O-17	TALYS-6a	0	11	Mg-24(n,t2a)N-14	TALYS-6a	0 [8]	15
Na-23(n,n'ta)O-16	TALYS-6a	0 [8]	22	Mg-24(n,d2a)N-15	TALYS-6a	0 [8]	19
Na-23(n,2n2p)F-20	TALYS-6a	0	15	Mg-24(n,pd)Ne-22	TALYS-6a	0	27
Na-23(n,ph)O-20	TALYS-6a	0 [8]	17	Mg-24(n,pt)Ne-21	TALYS-6a	0	23
Na-23(n,dh)O-19	TALYS-6a	0	14	Mg-24(n,da)F-19	TALYS-6a	0 [8]	25
Na-23(n,ha)N-17	TALYS-6a	0 [8]	17	Mg-24(n,2nt)Na-20	TALYS-6a	0	9
Na-23(n,4npa)O-15	TALYS-6a	0	7	Mg-24(n,ta)F-18	TALYS-6a	0 [8]	20
Na-23(n,3p)O-21	TALYS-6a	0	15	Mg-24(n,3nd)Na-20	TALYS-6a	0	5
Na-23(n,n'3p)O-20	TALYS-6a	0	13	Mg-24(n,n'da)F-18	TALYS-6a	0 [8]	15
Na-23(n,3n2pa)N-15	TALYS-6a	0	9	Mg-24(n,2npa)F-18	TALYS-6a	0 [8]	14
Na-24(n,n')Na-24m	ADL-3	0 [13,4,5]	83	Mg-24(n,2nh)Ne-20	TALYS-6a	0	16
Na-24(n,2nd)Ne-21	TALYS-6a	0	22	Mg-24(n,3nh)Ne-19	TALYS-6a	0	7
Na-24(n,2n)Na-23	TALYS-6a	0	49	Mg-24(n,3n2p)Ne-20	TALYS-6a	0	12
Na-24(n,3n)Na-22	TALYS-6a	0	26	Mg-24(n,3npa)F-17	TALYS-6a	0 [8]	9
Na-24(n,n'a)F-20	TALYS-6a	0 [8]	38	Mg-24(n,dt)Ne-20	TALYS-6a	0	18
Na-24(n,n'3a)B-12	TALYS-6a	0 [8]	14	Mg-24(n,n'pd)Ne-21	TALYS-6a	0 [8]	16
Na-24(n,2na)F-19	TALYS-6a	0	28	Mg-24(n,n'pt)Ne-20	TALYS-6a	0	16
Na-24(n,3na)F-18	TALYS-6a	0	17	Mg-24(n,n'dt)Ne-19	TALYS-6a	0 [8]	8
Na-24(n,n'p)Ne-23	TALYS-6a	0 [8]	39	Mg-24(n,n'ph)F-20	TALYS-6a	0 [8]	12
Na-24(n,n'2a)N-16	TALYS-6a	0 [8]	24	Mg-24(n,n'dh)F-19	TALYS-6a	0	10
Na-24(n,2n2a)N-15	TALYS-6a	0 [8]	23	Mg-24(n,n'th)F-18	TALYS-6a	0	8
Na-24(n,n'd)Ne-22	TALYS-6a	0	33	Mg-24(n,n'ta)F-17	TALYS-6a	0	14
Na-24(n,n't)Ne-21	TALYS-6a	0	28	Mg-24(n,2n2p)Ne-21	TALYS-6a	0	15
Na-24(n,n'h)F-21	TALYS-6a	0	22	Mg-24(n,ph)F-21	TALYS-6a	0 [8]	16
Na-24(n,n'd2a)C-14	TALYS-6a	0 [8]	15	Mg-24(n,dh)F-20	TALYS-6a	0 [8]	13
Na-24(n,n't2a)C-13	TALYS-6a	0 [8]	14	Mg-24(n,ha)O-18	TALYS-6a	0 [8]	22
Na-24(n,4n)Na-21	TALYS-6a	0	16	Mg-24(n,3p)F-22	TALYS-6a	0 [8]	15
Na-24(n,2np)Ne-22	TALYS-6a	0	30	Mg-24(n,n'3p)F-21	TALYS-6a	0 [8]	12
Na-24(n,3np)Ne-21	TALYS-6a	0	19	Mg-24(n,3n2pa)O-16	TALYS-6a	0 [8]	8
Na-24(n,n'2p)F-22	TALYS-6a	0	19	Mg-25(n,2nd)Na-22	TALYS-6a	0	16
Na-24(n,n'pa)O-19	TALYS-6a	0 [8]	23	Mg-25(n,2n)Mg-24	TALYS-6a	0	47
Na-24(n,g)Na-25	NGAMMA	0 [9,2,14]	138	Mg-25(n,3n)Mg-23	TALYS-6a	0	22
Na-24(n,p)Ne-24	TALYS-6a	0 [2,8]	76	Mg-25(n,n'a)Ne-21	TALYS-6a	0 [8]	40
Na-24(n,d)Ne-23	TALYS-6a	0	44	Mg-25(n,n'3a)C-13	TALYS-6a	0 [8]	18
Na-24(n,t)Ne-22	TALYS-6a	0 [8]	47	Mg-25(n,2na)Ne-20	TALYS-6a	0	29
Na-24(n,h)F-22	TALYS-6a	0 [8]	27	Mg-25(n,3na)Ne-19	TALYS-6a	0	14
Na-24(n,a)F-21	TALYS-6a	0 [2,8]	70	Mg-25(n,n'p)Na-24g	TALYS-6a	0 [4]	36
Na-24(n,2a)N-17	TALYS-6a	0 [8]	31	Mg-25(n,n'p)Na-24m	TALYS-6a	0 [4,7,8]	34
Na-24(n,3a)B-13	TALYS-6a	0 [8]	17	Mg-25(n,n'2a)O-17	TALYS-6a	0 [8]	27
Na-24(n,2p)F-23	TALYS-6a	0	27	Mg-25(n,2n2a)O-16	TALYS-6a	0 [8]	21
Na-24(n,pa)O-20	TALYS-6a	0 [8]	31	Mg-25(n,n'd)Na-23	TALYS-6a	0	29
Na-24(n,t2a)C-14	TALYS-6a	0 [8]	20	Mg-25(n,n't)Na-22	TALYS-6a	0 [8]	22
Na-24(n,d2a)C-15	TALYS-6a	0 [8]	15	Mg-25(n,n'h)Ne-22	TALYS-6a	0 [8]	25
Na-24(n,pd)F-22	TALYS-6a	0	22	Mg-25(n,n'd2a)N-15	TALYS-6a	0 [8]	14
Na-24(n,pt)F-21	TALYS-6a	0	23	Mg-25(n,n't2a)N-14	TALYS-6a	0 [8]	11
Na-24(n,da)O-19	TALYS-6a	0	26	Mg-25(n,4n)Mg-22	TALYS-6a	0	12
Na-24(n,5n)Na-20	TALYS-6a	0	7	Mg-25(n,2np)Na-23	TALYS-6a	0	27
Na-24(n,2nt)Ne-20	TALYS-6a	0	21	Mg-25(n,3np)Na-22	TALYS-6a	0	15
Na-24(n,ta)O-18	TALYS-6a	0 [8]	28	Mg-25(n,n'2p)Ne-23	TALYS-6a	0	23
Na-24(n,4np)Ne-20	TALYS-6a	0	14	Mg-25(n,n'pa)F-20	TALYS-6a	0 [8]	22
Na-24(n,3nd)Ne-20	TALYS-6a	0	16	Mg-25(n,g)Mg-26	JENDL-3.1	2 [14,13]	682
Na-24(n,n'da)O-18	TALYS-6a	0	22	Mg-25(n,p)Na-25	TALYS-5	6 [3,8]	68
				Mg-25(n,d)Na-24g	TALYS-6a	0 [4,8]	40

Reaction	Library			
Mg-25(n,d)Na-24m	TALYS-6a	0	[4,7,8,8]	38
Mg-25(n,t)Na-23	TALYS-6a	0	[8]	39
Mg-25(n,h)Ne-23	TALYS-6a	0		31
Mg-25(n,a)Ne-22	LANL(HERMAN)	2	[9,13,3]	1418
Mg-25(n,2a)O-18	TALYS-6a	0	[8]	40
Mg-25(n,3a)C-14	TALYS-6a	0	[8]	27
Mg-25(n,2p)Ne-24	TALYS-6a	0	[8]	32
Mg-25(n,pa)F-21	TALYS-6a	0	[8]	30
Mg-25(n,t2a)N-15	TALYS-6a	0	[8]	18
Mg-25(n,d2a)N-16	TALYS-6a	0	[8]	14
Mg-25(n,pd)Ne-23	TALYS-6a	0		25
Mg-25(n,pt)Ne-22	TALYS-6a	0		26
Mg-25(n,da)F-20	TALYS-6a	0	[8]	24
Mg-25(n,2nt)Na-21	TALYS-6a	0		14
Mg-25(n,ta)F-19	TALYS-6a	0	[8]	24
Mg-25(n,4np)Na-21	TALYS-6a	0		9
Mg-25(n,3nd)Na-21	TALYS-6a	0		11
Mg-25(n,n'da)F-19	TALYS-6a	0	[8]	17
Mg-25(n,2npa)F-19	TALYS-6a	0		16
Mg-25(n,4na)Ne-18	TALYS-6a	0		8
Mg-25(n,2nh)Ne-21	TALYS-6a	0		16
Mg-25(n,3nh)Ne-20	TALYS-6a	0		12
Mg-25(n,3n2p)Ne-21	TALYS-6a	0		12
Mg-25(n,3n2a)O-15	TALYS-6a	0	[8]	11
Mg-25(n,3npa)F-18	TALYS-6a	0	[8]	10
Mg-25(n,dt)Ne-21	TALYS-6a	0	[8]	17
Mg-25(n,n'pd)Ne-22	TALYS-6a	0		20
Mg-25(n,n'pt)Ne-21	TALYS-6a	0		16
Mg-25(n,n'dt)Ne-20	TALYS-6a	0		14
Mg-25(n,n'ph)F-21	TALYS-6a	0		13
Mg-25(n,n'dh)F-20	TALYS-6a	0		10
Mg-25(n,n'th)F-19	TALYS-6a	0	[8]	9
Mg-25(n,n'ta)F-18	TALYS-6a	0	[8]	14
Mg-25(n,2n2p)Ne-22	TALYS-6a	0	[8]	17
Mg-25(n,ph)F-22	TALYS-6a	0	[8]	15
Mg-25(n,dh)F-21	TALYS-6a	0		8
Mg-25(n,ha)O-19	TALYS-6a	0	[8]	18
Mg-25(n,4n2p)Ne-20	TALYS-6a	0		8
Mg-25(n,n'3p)F-22	TALYS-6a	0	[8]	11
Mg-25(n,3n2pa)O-17	TALYS-6a	0	[8]	7
Mg-26(n,2nd)Na-23	TALYS-6a	0		18
Mg-26(n,2n)Mg-25	TALYS-6a	0		38
Mg-26(n,3n)Mg-24	TALYS-6a	0		27
Mg-26(n,n'a)Ne-22	TALYS-6a	0		39
Mg-26(n,n'3a)C-14	TALYS-6a	0	[8]	16
Mg-26(n,2na)Ne-21	TALYS-6a	0	[8]	24
Mg-26(n,3na)Ne-20	TALYS-6a	0	[8]	17
Mg-26(n,n'p)Na-25	TALYS-6a	0		32
Mg-26(n,n'2a)O-18	TALYS-6a	0	[8]	24
Mg-26(n,2n2a)O-17	TALYS-6a	0	[8]	16
Mg-26(n,n'd)Na-24g	TALYS-6a	0	[4]	25
Mg-26(n,n'd)Na-24m	TALYS-6a	0	[4,7,8]	23
Mg-26(n,n't)Na-23	TALYS-6a	0		24
Mg-26(n,n'h)Ne-23	TALYS-6a	0		19
Mg-26(n,n'd2a)N-16	TALYS-6a	0	[8]	9
Mg-26(n,n't2a)N-15	TALYS-6a	0	[8]	11
Mg-26(n,4n)Mg-23	TALYS-6a	0		13
Mg-26(n,2np)Na-24g	TALYS-6a	0	[4]	22
Mg-26(n,2np)Na-24m	TALYS-6a	0	[4,7,8]	21
Mg-26(n,3np)Na-23	TALYS-6a	0		16
Mg-26(n,n'2p)Ne-24	TALYS-6a	0	[8]	20
Mg-26(n,n'pa)F-21	TALYS-6a	0	[8]	19
Mg-26(n,g)Mg-27	LANL-2000	4	[14,13]	459
Mg-26(n,p)Na-26	JENDL-3.2/A	3	[13]	38
Mg-26(n,d)Na-25	TALYS-6a	0		37
Mg-26(n,t)Na-24g	TALYS-6a	0	[4]	31
Mg-26(n,t)Na-24m	TALYS-6a	0	[4,7,8]	30
Mg-26(n,h)Ne-24	TALYS-6a	0	[8]	28
Mg-26(n,a)Ne-23	TALYS-5a	6	[3,8]	55
Mg-26(n,2a)O-19	TALYS-6a	0	[8]	28
Mg-26(n,3a)C-15	TALYS-6a	0	[8]	16
Mg-26(n,2p)Ne-25	TALYS-6a	0	[8]	24
Mg-26(n,pa)F-22	TALYS-6a	0	[8]	24
Mg-26(n,t2a)N-16	TALYS-6a	0	[8]	12
Mg-26(n,d2a)N-17	TALYS-6a	0	[8]	12
Mg-26(n,pd)Ne-24	TALYS-6a	0	[8]	22
Mg-26(n,pt)Ne-23	TALYS-6a	0		20
Mg-26(n,da)F-21	TALYS-6a	0	[8]	21
Mg-26(n,5n)Mg-22	TALYS-6a	0	[8]	14
Mg-26(n,2nt)Na-22	TALYS-6a	0		19
Mg-26(n,ta)F-20	TALYS-6a	0	[8]	9
Mg-26(n,4np)Na-22	TALYS-6a	0		11
Mg-26(n,3nd)Na-22	TALYS-6a	0		14
Mg-26(n,n'da)F-20	TALYS-6a	0	[8]	14
Mg-26(n,2npa)F-20	TALYS-6a	0	[8]	13
Mg-26(n,4na)Ne-19	TALYS-6a	0		8
Mg-26(n,4nd)Na-21	TALYS-6a	0		5
Mg-26(n,3nt)Na-21	TALYS-6a	0		8
Mg-26(n,2nh)Ne-22	TALYS-6a	0		15
Mg-26(n,3nh)Ne-21	TALYS-6a	0		10
Mg-26(n,4nh)Ne-20	TALYS-6a	0		6
Mg-26(n,3n2p)Ne-22	TALYS-6a	0		11
Mg-26(n,3n2a)O-16	TALYS-6a	0	[8]	13
Mg-26(n,3npa)F-19	TALYS-6a	0		10
Mg-26(n,dt)Ne-22	TALYS-6a	0		17
Mg-26(n,n'pd)Ne-23	TALYS-6a	0		15
Mg-26(n,n'pt)Ne-22	TALYS-6a	0		16
Mg-26(n,n'dt)Ne-21	TALYS-6a	0		11
Mg-26(n,n'ph)F-22	TALYS-6a	0		10
Mg-26(n,n'dh)F-21	TALYS-6a	0	[8]	8
Mg-26(n,n'th)F-20	TALYS-6a	0	[8]	7
Mg-26(n,n'ta)F-19	TALYS-6a	0	[8]	14
Mg-26(n,2n2p)Ne-23	TALYS-6a	0		14
Mg-26(n,ph)F-23	TALYS-6a	0	[8]	13
Mg-26(n,dh)F-22	TALYS-6a	0		15
Mg-26(n,ha)O-20	TALYS-6a	0	[8]	6
Mg-26(n,4n2p)Ne-21	TALYS-6a	0		6
Mg-26(n,n'3p)F-23	TALYS-6a	0	[8]	9
Mg-28(n,2nd)Na-25	TALYS-6a	0		19

Reaction	Library			
Mg-28(n,2n)Mg-27	TALYS-6a	0		44
Mg-28(n,3n)Mg-26	TALYS-6a	0		31
Mg-28(n,n'a)Ne-24	TALYS-6a	0	[8]	37
Mg-28(n,2na)Ne-23	TALYS-6a	0		25
Mg-28(n,3na)Ne-22	TALYS-6a	0		20
Mg-28(n,n'p)Na-27	TALYS-6a	0		29
Mg-28(n,n'2a)O-20	TALYS-6a	0	[8]	20
Mg-28(n,2n2a)O-19	TALYS-6a	0	[8]	14
Mg-28(n,n'd)Na-26	TALYS-6a	0		24
Mg-28(n,n't)Na-25	TALYS-6a	0		25
Mg-28(n,n'h)Ne-25	TALYS-6a	0	[8]	17
Mg-28(n,4n)Mg-25	TALYS-6a	0		20
Mg-28(n,2np)Na-26	TALYS-6a	0		22
Mg-28(n,3np)Na-25	TALYS-6a	0		16
Mg-28(n,n'2p)Ne-26	TALYS-6a	0		16
Mg-28(n,n'pa)F-23	TALYS-6a	0	[8]	16
>Mg-28(n,g)Mg-29	TALYS-6a	0		99
Mg-28(n,p)Na-28	TALYS-6a	0	[3]	34
Mg-28(n,d)Na-27	TALYS-6a	0		31
Mg-28(n,t)Na-26	TALYS-6a	0		31
Mg-28(n,h)Ne-26	TALYS-6a	0		23
Mg-28(n,a)Ne-25	TALYS-6a	0	[2,8]	46
Mg-28(n,2a)O-21	TALYS-6a	0	[8]	24
Mg-28(n,pa)F-24	TALYS-6a	0	[8]	20
Mg-28(n,pd)Ne-26	TALYS-6a	0	[8]	17
Mg-28(n,pt)Ne-25	TALYS-6a	0		18
Mg-28(n,da)F-23	TALYS-6a	0	[8]	19
Mg-28(n,5n)Mg-24	TALYS-6a	0		14
Mg-28(n,6n)Mg-23	TALYS-6a	0		6
Mg-28(n,2nt)Na-24g	TALYS-6a	0	[4]	16
Mg-28(n,2nt)Na-24m	TALYS-6a	0	[4,7,8]	15
Mg-28(n,ta)F-22	TALYS-6a	0	[8]	17
Mg-28(n,4np)Na-24g	TALYS-6a	0	[4]	12
Mg-28(n,4np)Na-24m	TALYS-6a	0	[4,7,8]	11
Mg-28(n,3nd)Na-24g	TALYS-6a	0	[4]	13
Mg-28(n,3nd)Na-24m	TALYS-6a	0	[4,7,8]	12
Mg-28(n,n'da)F-22	TALYS-6a	0		14
Mg-28(n,2npa)F-22	TALYS-6a	0	[8]	12
Mg-28(n,5np)Na-23	TALYS-6a	0		8
Mg-28(n,4na)Ne-21	TALYS-6a	0	[8]	12
Mg-28(n,5na)Ne-20	TALYS-6a	0		9
Mg-28(n,4nd)Na-23	TALYS-6a	0		9
Mg-28(n,3nt)Na-23	TALYS-6a	0		13
Mg-28(n,4nt)Na-22	TALYS-6a	0		6
Mg-28(n,2nh)Ne-24	TALYS-6a	0		15
Mg-28(n,3nh)Ne-23	TALYS-6a	0		10
Mg-28(n,4nh)Ne-22	TALYS-6a	0		8
Mg-28(n,3n2p)Ne-24	TALYS-6a	0		11
Mg-28(n,3n2a)O-18	TALYS-6a	0	[8]	12
Mg-28(n,3npa)F-21	TALYS-6a	0		10
Mg-28(n,dt)Ne-24	TALYS-6a	0		16
Mg-28(n,n'pd)Ne-25	TALYS-6a	0		14
Mg-28(n,n'pt)Ne-24	TALYS-6a	0		15
Mg-28(n,n'dt)Ne-23	TALYS-6a	0		12
Mg-28(n,n'ta)F-21	TALYS-6a	0	[8]	14
Mg-28(n,2n2p)Ne-25	TALYS-6a	0		13
Mg-28(n,ha)O-22	TALYS-6a	0	[8]	13
Mg-28(n,4n2p)Ne-23	TALYS-6a	0		6
Mg-28(n,4n2a)O-17	TALYS-6a	0	[8]	8
Al-26(n,n')Al-26m	TALYS-6a	0		88
Al-26(n,2nd)Mg-23	TALYS-6a	0		17
Al-26(n,2n)Al-25	TALYS-6a	0		38
Al-26(n,3n)Al-24g	TALYS-6a	0		17
Al-26(n,3n)Al-24m	TALYS-6a	0		17
Al-26(n,n'a)Na-22	TALYS-6a	0	[8]	41
Al-26(n,n'3a)N-14	TALYS-6a	0	[8]	19
Al-26(n,2na)Na-21	TALYS-6a	0		25
Al-26(n,3na)Na-20	TALYS-6a	0		12
Al-26(n,n'p)Mg-25	TALYS-6a	0	[8]	52
Al-26(n,n'2a)F-18	TALYS-6a	0	[8]	26
Al-26(n,2n2a)F-17	TALYS-6a	0	[8]	16
Al-26(n,n'd)Mg-24	TALYS-6a	0		38
Al-26(n,n't)Mg-23	TALYS-6a	0		24
Al-26(n,n'h)Na-23	TALYS-6a	0		28
Al-26(n,n'd2a)O-16	TALYS-6a	0	[8]	16
Al-26(n,n't2a)O-15	TALYS-6a	0	[8]	12
Al-26(n,4n)Al-23	TALYS-6a	0		9
Al-26(n,2np)Mg-24	TALYS-6a	0		33
Al-26(n,3np)Mg-23	TALYS-6a	0		16
Al-26(n,n'2p)Na-24g	TALYS-6a	0	[4]	27
Al-26(n,n'2p)Na-24m	TALYS-6a	0	[4,7,8]	26
Al-26(n,n'pa)Ne-21	TALYS-6a	0	[8]	29
>Al-26(n,g)Al-27	TALYS-6a	0	[14]	100
Al-26(n,p)Mg-26	TALYS-6	3	[3]	100
Al-26(n,d)Mg-25	TALYS-6a	0	[8]	63
Al-26(n,t)Mg-24	TALYS-6a	0	[8]	58
Al-26(n,h)Na-24g	TALYS-6a	0	[4]	39
Al-26(n,h)Na-24m	TALYS-6a	0	[4,7,8]	37
Al-26(n,a)Na-23	TALYS-6a	0	[2]	100
Al-26(n,2a)F-19	TALYS-6a	0	[8]	42
Al-26(n,3a)N-15	TALYS-6a	0	[8]	31
Al-26(n,2p)Na-25	TALYS-6a	0	[8]	41
Al-26(n,pa)Ne-22	TALYS-6a	0	[8]	51
Al-26(n,t2a)O-16	TALYS-6a	0	[8]	23
Al-26(n,d2a)O-17	TALYS-6a	0	[8]	21
Al-26(n,pd)Na-24g	TALYS-6a	0	[4,8]	29
Al-26(n,pd)Na-24m	TALYS-6a	0	[4,7,8,8]	27
Al-26(n,pt)Na-23	TALYS-6a	0		29
Al-26(n,da)Ne-21	TALYS-6a	0	[8]	31
Al-26(n,2nt)Mg-22	TALYS-6a	0		13
Al-26(n,ta)Ne-20	TALYS-6a	0		31
Al-26(n,4np)Mg-22	TALYS-6a	0		9
Al-26(n,3nd)Mg-22	TALYS-6a	0		10
Al-26(n,n'da)Ne-20	TALYS-6a	0	[8]	24
Al-26(n,2npa)Ne-20	TALYS-6a	0	[8]	22
Al-26(n,2nh)Na-22	TALYS-6a	0		16
Al-26(n,3nh)Na-21	TALYS-6a	0		10
Al-26(n,3n2p)Na-22	TALYS-6a	0		12
Al-26(n,3npa)Ne-19	TALYS-6a	0	[8]	10

Reaction	Library			Value
Al-26(n,dt)Na-22	TALYS-6a	0		18
Al-26(n,n'pd)Na-23	TALYS-6a	0		22
Al-26(n,n'pt)Na-22	TALYS-6a	0		16
Al-26(n,n'dt)Na-21	TALYS-6a	0	[8]	11
Al-26(n,n'ph)Ne-22	TALYS-6a	0	[8]	18
Al-26(n,n'dh)Ne-21	TALYS-6a	0	[8]	13
Al-26(n,n'th)Ne-20	TALYS-6a	0	[8]	13
Al-26(n,n'ta)Ne-19	TALYS-6a	0	[8]	14
Al-26(n,2n2p)Na-23	TALYS-6a	0		20
Al-26(n,ph)Ne-23	TALYS-6a	0	[8]	23
Al-26(n,dh)Ne-22	TALYS-6a	0	[8]	20
Al-26(n,ha)F-20	TALYS-6a	0	[8]	22
Al-26(n,3p)Ne-24	TALYS-6a	0	[8]	25
Al-26(n,n'3p)Ne-23	TALYS-6a	0		16
Al-27(n,2nd)Mg-24	TALYS-6a	0		21
Al-27(n,2n)Al-26g	TALYS-5	4		34
Al-27(n,2n)Al-26m	ADL-3/I	3	[13,4]	42
Al-27(n,3n)Al-25	TALYS-6a	0		21
Al-27(n,n'a)Na-23	ADL-3	2	[13]	43
Al-27(n,n'3a)N-15	TALYS-6a	0	[8]	17
Al-27(n,2na)Na-22	TALYS-5	5	[8]	22
Al-27(n,3na)Na-21	TALYS-6a	0		14
Al-27(n,n'p)Mg-26	EFF-2.4	2	[13,3]	44
Al-27(n,n'2a)F-19	TALYS-6a	0	[8]	23
Al-27(n,2n2a)F-18	TALYS-6a	0	[8]	14
Al-27(n,n'd)Mg-25	TALYS-6a	0		29
Al-27(n,n't)Mg-24	TALYS-6a	0	[8]	27
Al-27(n,n'h)Na-24g	TALYS-6a	0	[4,8]	21
Al-27(n,n'h)Na-24m	TALYS-6a	0	[4,7,8,8]	19
Al-27(n,n'd2a)O-17	TALYS-6a	0	[8]	12
Al-27(n,n't2a)O-16	TALYS-6a	0	[8]	13
Al-27(n,4n)Al-24g	TALYS-6a	0		10
Al-27(n,4n)Al-24m	TALYS-6a	0		10
Al-27(n,2np)Mg-25	TALYS-6a	0		26
Al-27(n,3np)Mg-24	TALYS-6a	0		19
Al-27(n,n'2p)Na-25	TALYS-6a	0		23
Al-27(n,n'pa)Ne-22	TALYS-6a	0	[8]	26
Al-27(n,g)Al-28	JEFF-3.0	4	[14,13,4]	5043
Al-27(n,p)Mg-27	ENDF/B-VI.8	6	[13,4]	908
Al-27(n,d)Mg-26	TALYS-5a	2	[3,8]	53
Al-27(n,t)Mg-25	JEF-2.2	6	[13]	39
Al-27(n,h)Na-25	TALYS-6a	5		31
Al-27(n,a)Na-24g	IRDF-90.2	2	[13,4,15]	176
Al-27(n,a)Na-24m	IRDF-90.2	2	[13,4,7,8,15]	176
Al-27(n,2a)F-20	TALYS-6a	0	[8]	30
Al-27(n,3a)N-16	TALYS-6a	0		17
Al-27(n,2p)Na-26	TALYS-5	4	[8]	28
Al-27(n,pa)Ne-23	TALYS-6a	0	[8]	31
Al-27(n,t2a)O-17	TALYS-6a	0	[8]	15
Al-27(n,d2a)O-18	TALYS-6a	0	[8]	16
Al-27(n,pd)Na-25	TALYS-6a	0	[8]	25
Al-27(n,pt)Na-24g	TALYS-6a	0	[4,8]	22
Al-27(n,pt)Na-24m	TALYS-6a	0	[4,7,8,8]	20
Al-27(n,da)Ne-22	TALYS-6a	0	[8]	28
Al-27(n,2nt)Mg-23	TALYS-6a	0		13
Al-27(n,ta)Ne-21	TALYS-6a	0	[8]	24
Al-27(n,4np)Mg-23	TALYS-6a	0		9
Al-27(n,3nd)Mg-23	TALYS-6a	0		10
Al-27(n,n'da)Ne-21	TALYS-6a	0	[8]	17
Al-27(n,2npa)Ne-21	TALYS-6a	0		16
Al-27(n,2nh)Na-23	TALYS-6a	0	[8]	15
Al-27(n,3nh)Na-22	TALYS-6a	0		9
Al-27(n,3n2p)Na-23	TALYS-6a	0		12
Al-27(n,3n2a)F-17	TALYS-6a	0	[8]	9
Al-27(n,3npa)Ne-20	TALYS-6a	0	[8]	12
Al-27(n,dt)Na-23	TALYS-6a	0	[8]	17
Al-27(n,n'pd)Na-24g	TALYS-6a	0	[4]	16
Al-27(n,n'pd)Na-24m	TALYS-6a	0	[4,7,8]	15
Al-27(n,n'pt)Na-23	TALYS-6a	0		16
Al-27(n,n'dt)Na-22	TALYS-6a	0	[8]	10
Al-27(n,n'ph)Ne-23	TALYS-6a	0	[8]	13
Al-27(n,n'dh)Ne-22	TALYS-6a	0		12
Al-27(n,n'th)Ne-21	TALYS-6a	0	[8]	9
Al-27(n,n'ta)Ne-20	TALYS-6a	0	[8]	14
Al-27(n,2n2p)Na-24g	TALYS-6a	0	[4]	15
Al-27(n,2n2p)Na-24m	TALYS-6a	0	[4,7,8]	14
Al-27(n,ph)Ne-24	TALYS-6a	0	[8]	19
Al-27(n,dh)Ne-23	TALYS-6a	0	[8]	14
Al-27(n,ha)F-21	TALYS-6a	0	[8]	17
Al-27(n,4n2p)Na-22	TALYS-6a	0		5
Al-27(n,3p)Ne-25	TALYS-6a	0		16
Al-27(n,n'3p)Ne-24	TALYS-6a	0		14
Si-28(n,2nd)Al-25	TALYS-6a	0		14
Si-28(n,2n)Si-27	IRK	1	[13]	33
Si-28(n,3n)Si-26	TALYS-6a	0		16
Si-28(n,n'a)Mg-24	TALYS-6a	0	[8]	40
Si-28(n,n'3a)O-16	TALYS-6a	0	[8]	16
Si-28(n,2na)Mg-23	TALYS-6a	0	[8]	18
Si-28(n,3na)Mg-22	TALYS-6a	0		11
Si-28(n,n'p)Al-27	IRK	2	[13]	44
Si-28(n,n'2a)Ne-20	TALYS-6a	0	[8]	25
Si-28(n,2n2a)Ne-19	TALYS-6a	0	[8]	11
Si-28(n,n'd)Al-26g	TALYS-6a	0		23
Si-28(n,n'd)Al-26m	TALYS-6a	0		23
Si-28(n,n't)Al-25	TALYS-6a	0		18
Si-28(n,n'h)Mg-25	TALYS-6a	0		22
Si-28(n,n'd2a)F-18	TALYS-6a	0	[8]	9
Si-28(n,2np)Al-26g	TALYS-6a	0		21
Si-28(n,2np)Al-26m	TALYS-6a	0		21
Si-28(n,3np)Al-25	TALYS-6a	0		13
Si-28(n,n'2p)Mg-26	TALYS-6a	0		26
Si-28(n,n'pa)Na-23	TALYS-6a	0	[8]	23
Si-28(n,g)Si-29	JENDL-3.1	4	[14,13]	2159
Si-28(n,p)Al-28	IRK	6	[13,8]	220
Si-28(n,d)Al-27	TALYS-5	1		42
Si-28(n,t)Al-26g	TALYS-6a	0		29
Si-28(n,t)Al-26m	TALYS-6a	0		29
Si-28(n,h)Mg-26	TALYS-6a	0		36
Si-28(n,a)Mg-25	IRK	2	[13,8]	244
Si-28(n,2a)Ne-21	TALYS-6a	0	[8]	31
Si-28(n,3a)O-17	TALYS-6a	0	[8]	22
Si-28(n,2p)Mg-27	TALYS-6a	0	[8]	33
Si-28(n,pa)Na-24g	TALYS-6a	0	[4,8]	30
Si-28(n,pa)Na-24m	TALYS-6a	0	[4,7,8,8]	29
Si-28(n,t2a)F-18	TALYS-6a	0	[8]	12
Si-28(n,d2a)F-19	TALYS-6a	0	[8]	14
Si-28(n,pd)Mg-26	TALYS-6a	0		28
Si-28(n,pt)Mg-25	TALYS-6a	0		23
Si-28(n,da)Na-23	TALYS-6a	0	[8]	25
Si-28(n,2nt)Al-24g	TALYS-6a	0		8
Si-28(n,2nt)Al-24m	TALYS-6a	0		8
Si-28(n,ta)Na-22	TALYS-6a	0	[8]	18
Si-28(n,n'da)Na-22	TALYS-6a	0	[8]	14
Si-28(n,2npa)Na-22	TALYS-6a	0	[8]	13
Si-28(n,2nh)Mg-24	TALYS-6a	0	[8]	15
Si-28(n,3nh)Mg-23	TALYS-6a	0		7
Si-28(n,3n2p)Mg-24	TALYS-6a	0		12
Si-28(n,3npa)Na-21	TALYS-6a	0	[8]	7
Si-28(n,dt)Mg-24	TALYS-6a	0	[8]	17
Si-28(n,n'pd)Mg-25	TALYS-6a	0	[8]	16
Si-28(n,n'pt)Mg-24	TALYS-6a	0		16
Si-28(n,n'dt)Mg-23	TALYS-6a	0	[8]	8
Si-28(n,n'ph)Na-24g	TALYS-6a	0	[4]	13
Si-28(n,n'ph)Na-24m	TALYS-6a	0	[4,7,8]	12
Si-28(n,n'dh)Na-23	TALYS-6a	0	[8]	10
Si-28(n,n'th)Na-22	TALYS-6a	0	[8]	7
Si-28(n,n'ta)Na-21	TALYS-6a	0		12
Si-28(n,2n2p)Mg-25	TALYS-6a	0		15
Si-28(n,ph)Na-25	TALYS-6a	0	[8]	18
Si-28(n,dh)Na-24g	TALYS-6a	0	[4]	14
Si-28(n,dh)Na-24m	TALYS-6a	0	[4,7,8]	13
Si-28(n,ha)Ne-22	TALYS-6a	0	[8]	21
Si-28(n,3p)Na-26	TALYS-6a	0	[8]	16
Si-28(n,n'3p)Na-25	TALYS-6a	0	[8]	13
Si-28(n,3n2pa)Ne-18	TALYS-6a	0	[8]	6
Si-29(n,2nd)Al-26g	TALYS-6a	0		16
Si-29(n,2nd)Al-26m	TALYS-6a	0		15
Si-29(n,2n)Si-28	TALYS-6a	0		44
Si-29(n,3n)Si-27	TALYS-6a	0		20
Si-29(n,n'a)Mg-25	TALYS-6a	0	[8]	37
Si-29(n,n'3a)O-17	TALYS-6a	0	[8]	14
Si-29(n,2na)Mg-24	TALYS-6a	0		27
Si-29(n,3na)Mg-23	TALYS-6a	0		13
Si-29(n,n'p)Al-28	TALYS-6a	0		36
Si-29(n,n'2a)Ne-21	TALYS-6a	0	[8]	22
Si-29(n,2n2a)Ne-20	TALYS-6a	0	[8]	16
Si-29(n,n'd)Al-27	TALYS-6a	0		28
Si-29(n,n't)Al-26g	TALYS-6a	0		21
Si-29(n,n't)Al-26m	TALYS-6a	0		21
Si-29(n,n'h)Mg-26	TALYS-6a	0		25
Si-29(n,n'd2a)F-19	TALYS-6a	0	[8]	10
Si-29(n,n't2a)F-18	TALYS-6a	0	[8]	7
Si-29(n,4n)Si-26	TALYS-6a	0		11
Si-29(n,2np)Al-27	TALYS-6a	0		26
Si-29(n,3np)Al-26g	TALYS-6a	0		14
Si-29(n,3np)Al-26m	TALYS-6a	0		14
Si-29(n,n'2p)Mg-27	TALYS-6a	0	[8]	23
Si-29(n,n'pa)Na-24g	TALYS-6a	0	[4,8]	21
Si-29(n,n'pa)Na-24m	TALYS-6a	0	[4,7,8,8]	20
Si-29(n,g)Si-30	JENDL-3.1	2	[14,13]	554
Si-29(n,p)Al-29	ADL-3	6	[13,3,12]	43
Si-29(n,d)Al-28	TALYS-6a	0	[8]	40
Si-29(n,t)Al-27	TALYS-6a	0	[8]	37
Si-29(n,h)Mg-27	TALYS-6a	0	[8]	31
>Si-29(n,a)Mg-26	TALYS-6a	3	[8]	86
Si-29(n,2a)Ne-22	TALYS-6a	0	[8]	36
Si-29(n,3a)O-18	TALYS-6a	0	[8]	21
Si-29(n,2p)Mg-28	JENDL-3.2/A	5	[13,8]	33
Si-29(n,pa)Na-25	TALYS-6a	0	[8]	31
Si-29(n,t2a)F-19	TALYS-6a	0	[8]	13
Si-29(n,d2a)F-20	TALYS-6a	0	[8]	13
Si-29(n,pd)Mg-27	TALYS-6a	0		26
Si-29(n,pt)Mg-26	TALYS-6a	0	[8]	25
Si-29(n,da)Na-24g	TALYS-6a	0	[4,8]	23
Si-29(n,da)Na-24m	TALYS-6a	0	[4,7,8,8]	22
Si-29(n,2nt)Al-25	TALYS-6a	0		13
Si-29(n,ta)Na-23	TALYS-6a	0	[8]	23
Si-29(n,4np)Al-25	TALYS-6a	0		8
Si-29(n,3nd)Al-25	TALYS-6a	0		10
Si-29(n,n'da)Na-23	TALYS-6a	0	[8]	16
Si-29(n,2npa)Na-23	TALYS-6a	0	[8]	15
Si-29(n,2nh)Mg-25	TALYS-6a	0		15
Si-29(n,3nh)Mg-24	TALYS-6a	0		11
Si-29(n,3n2p)Mg-25	TALYS-6a	0		11
Si-29(n,3npa)Na-22	TALYS-6a	0		9
Si-29(n,dt)Mg-25	TALYS-6a	0	[8]	16
Si-29(n,n'pd)Mg-26	TALYS-6a	0		19
Si-29(n,n'pt)Mg-25	TALYS-6a	0		15
Si-29(n,n'dt)Mg-24	TALYS-6a	0	[8]	12
Si-29(n,n'ph)Na-25	TALYS-6a	0	[8]	13
Si-29(n,n'dh)Na-24g	TALYS-6a	0	[4,8]	9
Si-29(n,n'dh)Na-24m	TALYS-6a	0	[4,7,8,8]	8
Si-29(n,n'th)Na-23	TALYS-6a	0	[8]	9
Si-29(n,n'ta)Na-22	TALYS-6a	0	[8]	13
Si-29(n,2n2p)Mg-26	TALYS-6a	0		17
Si-29(n,ph)Na-26	TALYS-6a	0		16
Si-29(n,dh)Na-25	TALYS-6a	0	[8]	14
Si-29(n,ha)Ne-23	TALYS-6a	0	[8]	17
Si-29(n,4n2p)Mg-24	TALYS-6a	0		7
Si-29(n,3p)Na-27	TALYS-6a	0	[8]	15
Si-29(n,n'3p)Na-26	TALYS-6a	0		12
Si-30(n,2nd)Al-27	TALYS-6a	0		17
Si-30(n,2n)Si-29	TALYS-6a	0		40
Si-30(n,3n)Si-28	TALYS-6a	0		27
Si-30(n,n'a)Mg-26	TALYS-6a	0	[8]	38
Si-30(n,n'3a)O-18	TALYS-6a	0	[8]	13
Si-30(n,2na)Mg-25	TALYS-6a	0	[8]	23
Si-30(n,3na)Mg-24	TALYS-6a	0		16

Reaction	Library				Reaction	Library		
Si-30(n,n'p)Al-29	TALYS-6a	0 [8]	33		Si-31(n,4nd)Al-26m	TALYS-6a	0	7
Si-30(n,n'2a)Ne-22	TALYS-6a	0 [8]	22		Si-31(n,3nt)Al-26g	TALYS-6a	0	10
Si-30(n,2n2a)Ne-21	TALYS-6a	0 [8]	14		Si-31(n,3nt)Al-26m	TALYS-6a	0	10
Si-30(n,n'd)Al-28	TALYS-6a	0	25		Si-31(n,2nh)Mg-27	TALYS-6a	0	15
Si-30(n,n't)Al-27	TALYS-6a	0 [8]	23		Si-31(n,3nh)Mg-26	TALYS-6a	0	12
Si-30(n,n'h)Mg-27	TALYS-6a	0 [8]	20		Si-31(n,4nh)Mg-25	TALYS-6a	0	6
Si-30(n,n'd2a)F-20	TALYS-6a	0 [8]	7		Si-31(n,3n2p)Mg-27	TALYS-6a	0	11
Si-30(n,n't2a)F-19	TALYS-6a	0 [8]	7		Si-31(n,3n2a)Ne-21	TALYS-6a	0 [8]	10
Si-30(n,4n)Si-27	TALYS-6a	0	13		Si-31(n,3npa)Na-24g	TALYS-6a	0 [4,8]	10
Si-30(n,2np)Al-28	TALYS-6a	0	23		Si-31(n,3npa)Na-24m	TALYS-6a	0 [4,7,8,8]	8
Si-30(n,3np)Al-27	TALYS-6a	0	16		Si-31(n,dt)Mg-27	TALYS-6a	0 [8]	16
Si-30(n,n'2p)Mg-28	TALYS-6a	0 [8]	21		Si-31(n,n'pd)Mg-28	TALYS-6a	0	17
Si-30(n,n'pa)Na-25	TALYS-6a	0 [8]	20		Si-31(n,n'pt)Mg-27	TALYS-6a	0 [8]	15
Si-30(n,g)Si-31	JENDL-3.1	4 [14,13]	838		Si-31(n,n'dt)Mg-26	TALYS-6a	0 [8]	13
>Si-30(n,p)Al-30	TALYS-6a	6 [3]	45		Si-31(n,n'ph)Na-27	TALYS-6a	0 [8]	10
Si-30(n,d)Al-29	TALYS-6a	0	38		Si-31(n,n'dh)Na-26	TALYS-6a	0 [8]	8
Si-30(n,t)Al-28	TALYS-6a	0 [8]	31		Si-31(n,n'th)Na-25	TALYS-6a	0 [8]	8
Si-30(n,h)Mg-28	TALYS-6a	0 [8]	29		Si-31(n,n'ta)Na-24g	TALYS-6a	0 [4,8]	14
Si-30(n,a)Mg-27	FEI	6 [13,3]	60		Si-31(n,n'ta)Na-24m	TALYS-6a	0 [4,7,8,8]	13
Si-30(n,2a)Ne-23	TALYS-6a	0 [8]	28		Si-31(n,2n2p)Mg-28	TALYS-6a	0 [8]	15
Si-30(n,3a)O-19	TALYS-6a	0 [8]	15		Si-31(n,ph)Na-28	TALYS-6a	0 [8]	12
Si-30(n,2p)Mg-29	TALYS-6a	0 [8]	25		Si-31(n,ha)Ne-25	TALYS-6a	0 [8]	15
Si-30(n,pa)Na-26	TALYS-6a	0 [8]	25		Si-31(n,4n2p)Mg-26	TALYS-6a	0	8
Si-30(n,t2a)F-20	TALYS-6a	0 [8]	11		Si-31(n,4n2a)Ne-20	TALYS-6a	0 [8]	7
Si-30(n,d2a)F-21	TALYS-6a	0 [8]	12		Si-31(n,4npa)Na-23	TALYS-6a	0 [8]	6
Si-30(n,pd)Mg-28	TALYS-6a	0 [8]	23		Si-32(n,2nd)Al-29	TALYS-6a	0	19
Si-30(n,pt)Mg-27	TALYS-6a	0 [8]	21		Si-32(n,2n)Si-31	TALYS-6a	0	43
Si-30(n,da)Na-25	TALYS-6a	0 [8]	22		Si-32(n,3n)Si-30	TALYS-6a	0	30
Si-30(n,2nt)Al-26g	TALYS-6a	0	13		Si-32(n,n'a)Mg-28	TALYS-6a	0 [8]	37
Si-30(n,2nt)Al-26m	TALYS-6a	0	13		Si-32(n,2na)Mg-27	TALYS-6a	0 [8]	25
Si-30(n,ta)Na-24g	TALYS-6a	0 [4,8]	19		Si-32(n,3na)Mg-26	TALYS-6a	0	19
Si-30(n,ta)Na-24m	TALYS-6a	0 [4,7,8,8]	18		Si-32(n,n'p)Al-31	TALYS-6a	0 [8]	29
Si-30(n,4np)Al-26g	TALYS-6a	0	9		Si-32(n,n'2a)Ne-24	TALYS-6a	0 [8]	20
Si-30(n,4np)Al-26m	TALYS-6a	0	9		Si-32(n,2n2a)Ne-23	TALYS-6a	0 [8]	14
Si-30(n,3nd)Al-26g	TALYS-6a	0	10		Si-32(n,n'd)Al-30	TALYS-6a	0	24
Si-30(n,3nd)Al-26m	TALYS-6a	0	10		Si-32(n,n't)Al-29	TALYS-6a	0	25
Si-30(n,n'da)Na-24g	TALYS-6a	0 [4,8]	14		Si-32(n,n'h)Mg-29	TALYS-6a	0	17
Si-30(n,n'da)Na-24m	TALYS-6a	0 [4,7,8,8]	13		Si-32(n,4n)Si-29	TALYS-6a	0	19
Si-30(n,2npa)Na-24g	TALYS-6a	0 [4,8]	13		Si-32(n,2np)Al-30	TALYS-6a	0	22
Si-30(n,2npa)Na-24m	TALYS-6a	0 [4,7,8,8]	12		Si-32(n,3np)Al-29	TALYS-6a	0	16
Si-30(n,4na)Mg-23	TALYS-6a	0	8		Si-32(n,n'2p)Mg-30	TALYS-6a	0	16
Si-30(n,3nt)Al-25	TALYS-6a	0	7		Si-32(n,n'pa)Na-27	TALYS-6a	0 [8]	16
Si-30(n,2nh)Mg-26	TALYS-6a	0	15		Si-32(n,g)Si-33	TALYS-6a	0 [9,2]	100
Si-30(n,3nh)Mg-25	TALYS-6a	0 [8]	9		Si-32(n,p)Al-32	TALYS-6a	0 [4]	36
Si-30(n,4nh)Mg-24	TALYS-6a	0 [8]	6		Si-32(n,d)Al-31	TALYS-6a	0	32
Si-30(n,3n2p)Mg-26	TALYS-6a	0	11		Si-32(n,t)Al-30	TALYS-6a	0	31
Si-30(n,3n2a)Ne-20	TALYS-6a	0 [8]	11		Si-32(n,h)Mg-30	TALYS-6a	0 [8]	23
Si-30(n,3npa)Na-23	TALYS-6a	0	10		Si-32(n,a)Mg-29	TALYS-6a	0 [2]	45
Si-30(n,dt)Mg-26	TALYS-6a	0	17		Si-32(n,2a)Ne-25	TALYS-6a	0 [8]	25
Si-30(n,n'pd)Mg-27	TALYS-6a	0	16		Si-32(n,2p)Mg-31	TALYS-6a	0	18
Si-30(n,n'pt)Mg-26	TALYS-6a	0	16		Si-32(n,pa)Na-28	TALYS-6a	0 [8]	20
Si-30(n,n'dt)Mg-25	TALYS-6a	0	11		Si-32(n,t2a)F-22	TALYS-6a	0 [8]	9
Si-30(n,n'ph)Na-26	TALYS-6a	0 [8]	10		Si-32(n,pd)Mg-30	TALYS-6a	0 [8]	17
Si-30(n,n'dh)Na-25	TALYS-6a	0 [8]	8		Si-32(n,pt)Mg-29	TALYS-6a	0 [8]	17
Si-30(n,n'th)Na-24g	TALYS-6a	0 [4,8]	7		Si-32(n,da)Na-27	TALYS-6a	0 [8]	18
Si-30(n,n'th)Na-24m	TALYS-6a	0 [4,7,8,8]	6		Si-32(n,5n)Si-28	TALYS-6a	0	14
Si-30(n,n'ta)Na-23	TALYS-6a	0 [8]	14		Si-32(n,2nt)Al-28	TALYS-6a	0	16
Si-30(n,2n2p)Mg-27	TALYS-6a	0	15		Si-32(n,ta)Na-26	TALYS-6a	0 [8]	18
Si-30(n,ph)Na-27	TALYS-6a	0	14		Si-32(n,4np)Al-28	TALYS-6a	0	12
Si-30(n,dh)Na-26	TALYS-6a	0 [8]	11		Si-32(n,3nd)Al-28	TALYS-6a	0	13
Si-30(n,ha)Ne-24	TALYS-6a	0 [8]	16		Si-32(n,n'da)Na-26	TALYS-6a	0 [8]	14
Si-30(n,4n2p)Mg-25	TALYS-6a	0	6		Si-32(n,2npa)Na-26	TALYS-6a	0	13
Si-30(n,n'3p)Na-27	TALYS-6a	0	10		Si-32(n,5np)Al-27	TALYS-6a	0	8
Si-31(n,2nd)Al-28	TALYS-6a	0	18		Si-32(n,4na)Mg-25	TALYS-6a	0	12
Si-31(n,2n)Si-30	TALYS-6a	0	51		Si-32(n,5na)Mg-24	TALYS-6a	0	8
Si-31(n,3n)Si-29	TALYS-6a	0	29		Si-32(n,4nd)Al-27	TALYS-6a	0	9
Si-31(n,n'a)Mg-27	TALYS-6a	0 [8]	38		Si-32(n,3nt)Al-27	TALYS-6a	0	12
Si-31(n,n'3a)O-19	TALYS-6a	0 [8]	11		Si-32(n,4nt)Al-26g	TALYS-6a	0	5
Si-31(n,2na)Mg-26	TALYS-6a	0 [8]	28		Si-32(n,4nt)Al-26m	TALYS-6a	0	5
Si-31(n,3na)Mg-25	TALYS-6a	0 [8]	16		Si-32(n,2nh)Mg-28	TALYS-6a	0	15
Si-31(n,n'p)Al-30	TALYS-6a	0	32		Si-32(n,3nh)Mg-27	TALYS-6a	0 [8]	10
Si-31(n,n'2a)Ne-23	TALYS-6a	0 [8]	21		Si-32(n,4nh)Mg-26	TALYS-6a	0	7
Si-31(n,2n2a)Ne-22	TALYS-6a	0 [8]	16		Si-32(n,3n2p)Mg-28	TALYS-6a	0	11
Si-31(n,n'd)Al-29	TALYS-6a	0	28		Si-32(n,3n2a)Ne-22	TALYS-6a	0 [8]	11
Si-31(n,n't)Al-28	TALYS-6a	0	25		Si-32(n,3npa)Na-25	TALYS-6a	0 [8]	10
Si-31(n,n'h)Mg-28	TALYS-6a	0 [8]	22		Si-32(n,dt)Mg-28	TALYS-6a	0 [8]	16
Si-31(n,n'd2a)F-21	TALYS-6a	0 [8]	8		Si-32(n,n'pd)Mg-29	TALYS-6a	0	14
Si-31(n,n't2a)F-20	TALYS-6a	0 [8]	7		Si-32(n,n'pt)Mg-28	TALYS-6a	0	15
Si-31(n,4n)Si-28	TALYS-6a	0	20		Si-32(n,n'dt)Mg-27	TALYS-6a	0	12
Si-31(n,2np)Al-29	TALYS-6a	0	26		Si-32(n,n'ta)Na-25	TALYS-6a	0 [8]	14
Si-31(n,3np)Al-28	TALYS-6a	0	16		Si-32(n,2n2p)Mg-29	TALYS-6a	0	13
Si-31(n,n'2p)Mg-29	TALYS-6a	0 [8]	18		Si-32(n,4n2p)Mg-27	TALYS-6a	0	7
Si-31(n,n'pa)Na-26	TALYS-6a	0 [8]	18		P-31(n,2nd)Si-28	TALYS-6a	0	22
Si-31(n,g)Si-32	TALYS-6	2	100		P-31(n,2n)P-30	ADL-3	4 [13,3]	42
Si-31(n,p)Al-31	TALYS-6a	0 [2]	48		P-31(n,3n)P-29	TALYS-6a	0	22
Si-31(n,d)Al-30	TALYS-6a	0	36		P-31(n,n'a)Al-27	TALYS-6a	0 [8]	40
Si-31(n,t)Al-29	TALYS-6a	0 [8]	37		P-31(n,n'3a)F-19	TALYS-6a	0 [8]	13
Si-31(n,h)Mg-29	TALYS-6a	0 [8]	26		P-31(n,2na)Al-26g	TALYS-6a	0	22
Si-31(n,a)Mg-28	TALYS-6a	0 [2,8]	72		P-31(n,2na)Al-26m	TALYS-6a	0	22
Si-31(n,2a)Ne-24	TALYS-6a	0 [8]	30		P-31(n,3na)Al-25	TALYS-6a	0 [8]	13
Si-31(n,3a)O-20	TALYS-6a	0 [8]	15		P-31(n,n'p)Si-30	TALYS-6a	0 [8]	47
Si-31(n,2p)Mg-30	TALYS-6a	0	25		P-31(n,n'2a)Na-23	TALYS-6a	0 [8]	24
Si-31(n,pa)Na-27	TALYS-6a	0 [8]	26		P-31(n,2n2a)Na-22	TALYS-6a	0 [8]	13
Si-31(n,t2a)F-21	TALYS-6a	0 [8]	11		P-31(n,n'd)Si-29	TALYS-6a	0	30
Si-31(n,d2a)F-22	TALYS-6a	0 [8]	11		P-31(n,n't)Si-28	TALYS-6a	0	28
Si-31(n,pd)Mg-29	TALYS-6a	0 [8]	20		P-31(n,n'h)Al-28	TALYS-6a	0	23
Si-31(n,pt)Mg-28	TALYS-6a	0 [8]	23		P-31(n,n'd2a)Ne-21	TALYS-6a	0 [8]	10
Si-31(n,da)Na-26	TALYS-6a	0 [8]	21		P-31(n,n't2a)Ne-20	TALYS-6a	0 [8]	10
Si-31(n,5n)Si-27	TALYS-6a	0	9		P-31(n,4n)P-28	TALYS-6a	0	10
Si-31(n,2nt)Al-27	TALYS-6a	0	17		P-31(n,2np)Si-29	TALYS-6a	0	28
Si-31(n,ta)Na-25	TALYS-6a	0 [8]	21		P-31(n,3np)Si-28	TALYS-6a	0	19
Si-31(n,4np)Al-27	TALYS-6a	0	12		P-31(n,n'2p)Al-29	TALYS-6a	0	25
Si-31(n,3nd)Al-27	TALYS-6a	0	13		P-31(n,n'pa)Mg-26	TALYS-6a	0 [8]	27
Si-31(n,n'da)Na-25	TALYS-6a	0	16		P-31(n,g)P-32	JEF-2.2	4 [9,2]	7589
Si-31(n,2npa)Na-24	TALYS-6a	0	15		P-31(n,p)Si-31	IRDF-90.2	6 [13,15]	214
Si-31(n,5np)Al-26g	TALYS-6a	0	6		P-31(n,d)Si-30	TALYS-6a	0 [8]	58
Si-31(n,5np)Al-26m	TALYS-6a	0	5		P-31(n,t)Si-29	TALYS-5	5 [8]	41
Si-31(n,4na)Mg-24	TALYS-6a	0	13		P-31(n,h)Al-29	TALYS-5	5 [8]	33
Si-31(n,4nd)Al-26g	TALYS-6a	0	7		P-31(n,a)Al-28	JENDL-3.2/A	6 [13,3,8]	43

Reaction	Library			
P-31(n,2a)Na-24g	TALYS-6a	0	[4,8]	31
P-31(n,2a)Na-24m	TALYS-6a	0	[4,7,8,8]	30
P-31(n,3a)F-20	TALYS-6a	0	[8]	16
P-31(n,2p)Al-30	TALYS-6a	0	[8]	30
P-31(n,pa)Mg-27	TALYS-6a	0	[8]	35
P-31(n,t2a)Ne-21	TALYS-6a	0	[8]	14
P-31(n,d2a)Ne-22	TALYS-6a	0	[8]	16
P-31(n,pd)Al-29	TALYS-6a	0		27
P-31(n,pt)Al-28	TALYS-6a	0	[8]	23
P-31(n,da)Mg-26	TALYS-6a	0	[8]	29
P-31(n,2nt)Si-27	TALYS-6a	0		13
P-31(n,ta)Mg-25	TALYS-6a	0	[8]	24
P-31(n,4np)Si-27	TALYS-6a	0		9
P-31(n,3nd)Si-27	TALYS-6a	0		10
P-31(n,n'da)Mg-25	TALYS-6a	0	[8]	17
P-31(n,2npa)Mg-25	TALYS-6a	0	[8]	16
P-31(n,2nh)Al-27	TALYS-6a	0		16
P-31(n,3nh)Al-26g	TALYS-6a	0		9
P-31(n,3nh)Al-26m	TALYS-6a	0		9
P-31(n,3n2p)Al-27	TALYS-6a	0		12
P-31(n,3n2a)Na-21	TALYS-6a	0		7
P-31(n,3npa)Mg-24	TALYS-6a	0	[8]	12
P-31(n,dt)Al-27	TALYS-6a	0		18
P-31(n,n'pd)Al-28	TALYS-6a	0	[8]	17
P-31(n,n'pt)Al-27	TALYS-6a	0		16
P-31(n,n'dt)Al-26g	TALYS-6a	0		10
P-31(n,n'dt)Al-26m	TALYS-6a	0		10
P-31(n,n'ph)Mg-27	TALYS-6a	0	[8]	14
P-31(n,n'dh)Mg-26	TALYS-6a	0	[8]	12
P-31(n,n'th)Mg-25	TALYS-6a	0	[8]	9
P-31(n,n'ta)Mg-24	TALYS-6a	0	[8]	16
P-31(n,2n2p)Al-28	TALYS-6a	0		16
P-31(n,ph)Mg-28	TALYS-6a	0	[8]	21
P-31(n,dh)Mg-27	TALYS-6a	0	[8]	15
P-31(n,ha)Na-25	TALYS-6a	0	[8]	19
P-31(n,3p)Mg-29	TALYS-6a	0	[8]	16
P-31(n,n'3p)Mg-28	TALYS-6a	0		15
P-32(n,2nd)Si-29	TALYS-6a	0		22
P-32(n,2n)P-31	TALYS-6a	0		45
P-32(n,3n)P-30	TALYS-6a	0		26
P-32(n,n'a)Al-28	TALYS-6a	0	[8]	40
P-32(n,n'3a)F-20	TALYS-6a	0	[8]	12
P-32(n,2na)Al-27	TALYS-6a	0		28
P-32(n,3na)Al-26g	TALYS-6a	0		15
P-32(n,3na)Al-26m	TALYS-6a	0		15
P-32(n,n'p)Si-31	TALYS-6a	0		43
P-32(n,n'2a)Na-24g	TALYS-6a	0	[4,8]	22
P-32(n,n'2a)Na-24m	TALYS-6a	0	[4,7,8,8]	21
P-32(n,2n2a)Na-23	TALYS-6a	0	[8]	16
P-32(n,n'd)Si-30	TALYS-6a	0	[8]	34
P-32(n,n't)Si-29	TALYS-6a	0	[8]	28
P-32(n,n'h)Al-29	TALYS-6a	0	[8]	24
P-32(n,n'd2a)Ne-22	TALYS-6a	0	[8]	12
P-32(n,n't2a)Ne-21	TALYS-6a	0	[8]	9
P-32(n,4n)P-29	TALYS-6a	0		15
P-32(n,2np)Si-30	TALYS-6a	0		31
P-32(n,3np)Si-29	TALYS-6a	0		20
P-32(n,n'2p)Al-30	TALYS-6a	0	[8]	22
P-32(n,n'pa)Mg-27	TALYS-6a	0	[8]	25
>P-32(n,g)P-33	TALYS-6a	0		99
P-32(n,p)Si-32	TALYS-6a	0	[2]	99
P-32(n,d)Si-31	TALYS-6a	0	[8]	51
P-32(n,t)Si-30	TALYS-6a	0	[8]	50
P-32(n,h)Al-30	TALYS-6a	0	[8]	30
P-32(n,a)Al-29	TALYS-6a	0	[2,8]	81
P-32(n,2a)Na-25	TALYS-6a	0	[8]	32
P-32(n,3a)F-21	TALYS-6a	0	[8]	16
P-32(n,2p)Al-31	TALYS-6a	0		30
P-32(n,pa)Mg-28	TALYS-6a	0	[8]	36
P-32(n,t2a)Ne-22	TALYS-6a	0	[8]	14
P-32(n,d2a)Ne-23	TALYS-6a	0	[8]	14
P-32(n,pd)Al-30	TALYS-6a	0	[8]	24
P-32(n,pt)Al-29	TALYS-6a	0	[8]	25
P-32(n,da)Mg-27	TALYS-6a	0	[8]	27
P-32(n,2nt)Si-28	TALYS-6a	0		20
P-32(n,ta)Mg-26	TALYS-6a	0	[8]	27
P-32(n,4np)Si-28	TALYS-6a	0		14
P-32(n,3nd)Si-28	TALYS-6a	0		15
P-32(n,n'da)Mg-26	TALYS-6a	0	[8]	21
P-32(n,2npa)Mg-26	TALYS-6a	0	[8]	19
P-32(n,4na)Al-25	TALYS-6a	0	[8]	9
P-32(n,4nd)Si-27	TALYS-6a	0		6
P-32(n,3nt)Si-27	TALYS-6a	0		9
P-32(n,2nh)Al-28	TALYS-6a	0		16
P-32(n,3nh)Al-27	TALYS-6a	0		12
P-32(n,3n2p)Al-28	TALYS-6a	0		12
P-32(n,3n2a)Na-22	TALYS-6a	0	[8]	9
P-32(n,3npa)Mg-25	TALYS-6a	0		12
P-32(n,dt)Al-28	TALYS-6a	0	[8]	17
P-32(n,n'pd)Al-29	TALYS-6a	0		19
P-32(n,n'pt)Al-28	TALYS-6a	0		16
P-32(n,n'dt)Al-27	TALYS-6a	0		13
P-32(n,n'ph)Mg-28	TALYS-6a	0		15
P-32(n,n'dh)Mg-27	TALYS-6a	0	[8]	11
P-32(n,n'th)Mg-26	TALYS-6a	0	[8]	11
P-32(n,n'ta)Mg-25	TALYS-6a	0	[8]	16
P-32(n,2n2p)Al-29	TALYS-6a	0	[8]	16
P-32(n,ph)Mg-29	TALYS-6a	0	[8]	16
P-32(n,dh)Mg-28	TALYS-6a	0		16
P-32(n,ha)Na-26	TALYS-6a	0	[8]	16
P-32(n,4n2p)Al-27	TALYS-6a	0		8
P-32(n,4npa)Mg-24	TALYS-6a	0		8
P-32(n,n'3p)Mg-29	TALYS-6a	0	[8]	12
P-33(n,2nd)Si-30	TALYS-6a	0		23
P-33(n,2n)P-32	TALYS-6a	0		41
P-33(n,3n)P-31	TALYS-6a	0		28
P-33(n,n'a)Al-29	TALYS-6a	0	[8]	39
P-33(n,n'3a)F-21	TALYS-6a	0	[8]	11
P-33(n,2na)Al-28	TALYS-6a	0	[8]	25
P-33(n,3na)Al-27	TALYS-6a	0	[8]	17
P-33(n,n'p)Si-32	TALYS-6a	0		42
P-33(n,n'2a)Na-25	TALYS-6a	0	[8]	21
P-33(n,2n2a)Na-24g	TALYS-6a	0	[4,8]	14
P-33(n,2n2a)Na-24m	TALYS-6a	0	[4,7,8,8]	13
P-33(n,n'd)Si-31	TALYS-6a	0		29
P-33(n,n't)Si-30	TALYS-6a	0		29
P-33(n,n'h)Al-30	TALYS-6a	0		20
P-33(n,n'd2a)Ne-23	TALYS-6a	0	[8]	9
P-33(n,n't2a)Ne-22	TALYS-6a	0	[8]	9
P-33(n,4n)P-30	TALYS-6a	0		16
P-33(n,2np)Si-31	TALYS-6a	0		27
P-33(n,3np)Si-30	TALYS-6a	0		20
P-33(n,n'2p)Al-31	TALYS-6a	0	[8]	19
P-33(n,n'pa)Mg-28	TALYS-6a	0	[8]	23
P-33(n,g)P-34	MASGAM	0	[14,13]	83
P-33(n,p)Si-33	TALYS-6a	0	[2,8]	58
P-33(n,d)Si-32	TALYS-6a	0	[8]	47
P-33(n,t)Si-31	TALYS-6a	0		40
P-33(n,h)Al-31	TALYS-6a	0	[8]	27
P-33(n,a)Al-30	TALYS-6a	0	[2,8]	58
P-33(n,2a)Na-26	TALYS-6a	0	[8]	27
P-33(n,3a)F-22	TALYS-6a	0	[8]	14
P-33(n,2p)Al-32	TALYS-6a	0	[8]	23
P-33(n,pa)Mg-29	TALYS-6a	0	[8]	27
P-33(n,t2a)Ne-23	TALYS-6a	0	[8]	12
P-33(n,d2a)Ne-24	TALYS-6a	0	[8]	14
P-33(n,pd)Al-31	TALYS-6a	0	[8]	21
P-33(n,pt)Al-30	TALYS-6a	0	[8]	20
P-33(n,da)Mg-28	TALYS-6a	0	[8]	26
P-33(n,5n)P-29	TALYS-6a	0		10
P-33(n,2nt)Si-29	TALYS-6a	0		18
P-33(n,ta)Mg-27	TALYS-6a	0	[8]	23
P-33(n,4np)Si-29	TALYS-6a	0		13
P-33(n,3nd)Si-29	TALYS-6a	0		14
P-33(n,n'da)Mg-27	TALYS-6a	0	[8]	17
P-33(n,2npa)Mg-27	TALYS-6a	0	[8]	15
P-33(n,5np)Si-28	TALYS-6a	0		9
P-33(n,4na)Al-26g	TALYS-6a	0		10
P-33(n,4na)Al-26m	TALYS-6a	0		10
P-33(n,4nd)Si-28	TALYS-6a	0		10
P-33(n,3nt)Si-28	TALYS-6a	0		13
P-33(n,2nh)Al-29	TALYS-6a	0		15
P-33(n,3nh)Al-28	TALYS-6a	0		11
P-33(n,4nh)Al-27	TALYS-6a	0		7
P-33(n,3n2p)Al-29	TALYS-6a	0		11
P-33(n,3n2a)Na-23	TALYS-6a	0	[8]	11
P-33(n,3npa)Mg-26	TALYS-6a	0	[8]	12
P-33(n,dt)Al-29	TALYS-6a	0	[8]	17
P-33(n,n'pd)Al-30	TALYS-6a	0	[8]	15
P-33(n,n'pt)Al-29	TALYS-6a	0	[8]	15
P-33(n,n'dt)Al-28	TALYS-6a	0		12
P-33(n,n'ph)Mg-29	TALYS-6a	0	[8]	11
P-33(n,n'dh)Mg-28	TALYS-6a	0	[8]	10
P-33(n,n'th)Mg-27	TALYS-6a	0	[8]	9
P-33(n,n'ta)Mg-26	TALYS-6a	0	[8]	16
P-33(n,2n2p)Al-30	TALYS-6a	0		14
P-33(n,ph)Mg-30	TALYS-6a	0	[8]	14
P-33(n,dh)Mg-29	TALYS-6a	0	[8]	12
P-33(n,ha)Na-27	TALYS-6a	0	[8]	15
P-33(n,4n2p)Al-28	TALYS-6a	0		7
P-33(n,4npa)Mg-25	TALYS-6a	0		7
S-32(n,2nd)P-29	TALYS-6a	0		16
S-32(n,2n)S-31	ENDF/B-VI	4	[13]	31
S-32(n,3n)S-30	TALYS-6a	0		18
S-32(n,n'a)Si-28	TALYS-6a	0	[8]	47
S-32(n,n'3a)Ne-20	TALYS-6a	0	[8]	15
S-32(n,2na)Si-27	TALYS-6a	0	[8]	21
S-32(n,3na)Si-26	TALYS-6a	0		12
S-32(n,n'p)P-31	ADL-3	2	[13,3]	44
S-32(n,n'2a)Mg-24	TALYS-6a	0	[8]	27
S-32(n,2n2a)Mg-23	TALYS-6a	0	[8]	13
S-32(n,n'd)P-30	TALYS-6a	0		27
S-32(n,n't)P-29	TALYS-6a	0		22
S-32(n,n'h)Si-29	TALYS-6a	0	[8]	26
S-32(n,n'd2a)Na-22	TALYS-6a	0	[8]	9
S-32(n,2np)P-30	TALYS-6a	0		25
S-32(n,3np)P-29	TALYS-6a	0		15
S-32(n,n'2p)Si-30	TALYS-6a	0		30
S-32(n,n'pa)Al-27	TALYS-6a	0	[8]	26
S-32(n,g)S-33	JEF-2.2	4	[9,2]	15862
S-32(n,p)P-32	JENDL-3.3	6	[13,3]	2781
S-32(n,d)P-31	TALYS-6a	0	[8]	50
S-32(n,t)P-30	JENDL-3.2/A	5	[13,3,15,15,16]	35
S-32(n,h)Si-30	TALYS-6a	0	[8]	43
>S-32(n,a)Si-29	ADL-3	4	[9,13,13,3,3]	11681
S-32(n,2a)Mg-25	TALYS-6a	0	[8]	37
S-32(n,3a)Ne-21	TALYS-6a	0	[8]	20
S-32(n,2p)Si-31	TALYS-6a	0	[8]	41
S-32(n,pa)Al-28	TALYS-6a	0	[8]	37
S-32(n,t2a)Na-22	TALYS-6a	0	[8]	12
S-32(n,d2a)Na-23	TALYS-6a	0	[8]	16
S-32(n,pd)Si-30	TALYS-6a	0	[8]	32
S-32(n,pt)Si-29	TALYS-6a	0	[8]	27
S-32(n,da)Al-27	TALYS-6a	0	[8]	28
S-32(n,2nt)P-28	TALYS-6a	0		10
S-32(n,ta)Al-26g	TALYS-6a	0		21
S-32(n,ta)Al-26m	TALYS-6a	0		20
S-32(n,3nd)P-28	TALYS-6a	0		7
S-32(n,n'da)Al-26g	TALYS-6a	0		15
S-32(n,n'da)Al-26m	TALYS-6a	0		15
S-32(n,2npa)Al-26g	TALYS-6a	0		14
S-32(n,2npa)Al-26m	TALYS-6a	0		14
S-32(n,2nh)Si-28	TALYS-6a	0		18
S-32(n,3nh)Si-27	TALYS-6a	0		8
S-32(n,3n2p)Si-28	TALYS-6a	0		13
S-32(n,3npa)Al-25	TALYS-6a	0	[8]	8

Reaction	Library	Flag	Refs	Num
S-32(n,dt)Si-28	TALYS-6a	0	[8]	20
S-32(n,n'pd)Si-29	TALYS-6a	0		21
S-32(n,n'pt)Si-28	TALYS-6a	0	[8]	18
S-32(n,n'dt)Si-27	TALYS-6a	0		10
S-32(n,n'ph)Al-28	TALYS-6a	0		15
S-32(n,n'dh)Al-27	TALYS-6a	0		12
S-32(n,n'th)Al-26g	TALYS-6a	0		8
S-32(n,n'th)Al-26m	TALYS-6a	0		8
S-32(n,n'ta)Al-25	TALYS-6a	0	[8]	13
S-32(n,2n2p)Si-29	TALYS-6a	0		19
S-32(n,ph)Al-29	TALYS-6a	0	[8]	22
S-32(n,dh)Al-28	TALYS-6a	0		16
S-32(n,ha)Mg-26	TALYS-6a	0	[8]	24
S-32(n,3p)Al-30	TALYS-6a	0	[8]	20
S-32(n,n'3p)Al-29	TALYS-6a	0	[8]	15
S-32(n,3n2pa)Mg-24	TALYS-6a	0	[8]	7
S-33(n,2nd)P-30	TALYS-6a	0		18
S-33(n,2n)S-32	TALYS-6a	0		44
S-33(n,3n)S-31	TALYS-6a	0		22
S-33(n,n'a)Si-29	TALYS-6a	0	[8]	46
S-33(n,n'3a)Ne-21	TALYS-6a	0	[8]	14
S-33(n,2na)Si-28	TALYS-6a	0		30
S-33(n,3na)Si-27	TALYS-6a	0	[8]	14
S-33(n,n'p)P-32	TALYS-6a	0		42
S-33(n,n'2a)Mg-25	TALYS-6a	0	[8]	25
S-33(n,2n2a)Mg-24	TALYS-6a	0	[8]	18
S-33(n,n'd)P-31	TALYS-6a	0		31
S-33(n,n't)P-30	TALYS-6a	0	[8]	24
S-33(n,n'h)Si-30	TALYS-6a	0	[8]	28
S-33(n,n'd2a)Na-23	TALYS-6a	0	[8]	11
S-33(n,n't2a)Na-22	TALYS-6a	0	[8]	8
S-33(n,4n)S-30	TALYS-6a	0		13
S-33(n,2np)P-31	TALYS-6a	0		28
S-33(n,3np)P-30	TALYS-6a	0		16
S-33(n,n'2p)Si-31	TALYS-6a	0	[8]	27
S-33(n,n'pa)Al-28	TALYS-6a	0	[8]	25
S-33(n,g)S-34	JEF-2.2	2	[9,2]	2585
S-33(n,p)P-33	JENDL-3.2/A	2	[9,13,3,10]	2381
S-33(n,d)P-32	TALYS-6a	0	[8]	46
S-33(n,t)P-31	TALYS-6a	0	[8]	42
S-33(n,h)Si-31	TALYS-6a	0	[8]	39
S-33(n,a)Si-30	ADL-3	4	[9,13,10,3]	2373
S-33(n,2a)Mg-26	TALYS-6a	0	[8]	42
S-33(n,3a)Ne-22	TALYS-6a	0	[8]	22
S-33(n,2p)Si-32	TALYS-6a	0	[8]	42
S-33(n,pa)Al-29	TALYS-6a	0	[8]	38
S-33(n,t2a)Na-23	TALYS-6a	0	[8]	14
S-33(n,d2a)Na-24g	TALYS-6a	0	[4,8]	15
S-33(n,d2a)Na-24m	TALYS-6a	0	[4,7,8,8]	14
S-33(n,pd)Si-31	TALYS-6a	0	[8]	29
S-33(n,pt)Si-30	TALYS-6a	0	[8]	29
S-33(n,da)Al-28	TALYS-6a	0	[8]	27
S-33(n,2nt)P-29	TALYS-6a	0		15
S-33(n,ta)Al-27	TALYS-6a	0	[8]	26
S-33(n,4np)P-29	TALYS-6a	0		10
S-33(n,3nd)P-29	TALYS-6a	0		11
S-33(n,n'da)Al-27	TALYS-6a	0	[8]	19
S-33(n,2npa)Al-27	TALYS-6a	0	[8]	17
S-33(n,2nh)Si-29	TALYS-6a	0		18
S-33(n,3nh)Si-28	TALYS-6a	0		13
S-33(n,3n2p)Si-29	TALYS-6a	0		13
S-33(n,3n2a)Mg-23	TALYS-6a	0	[8]	8
S-33(n,3npa)Al-26g	TALYS-6a	0		10
S-33(n,3npa)Al-26m	TALYS-6a	0		10
S-33(n,dt)Si-29	TALYS-6a	0	[8]	20
S-33(n,n'pd)Si-30	TALYS-6a	0		23
S-33(n,n'pt)Si-29	TALYS-6a	0	[8]	18
S-33(n,n'dt)Si-28	TALYS-6a	0		14
S-33(n,n'ph)Al-29	TALYS-6a	0	[8]	15
S-33(n,n'dh)Al-28	TALYS-6a	0	[8]	11
S-33(n,n'th)Al-27	TALYS-6a	0	[8]	10
S-33(n,n'ta)Al-26g	TALYS-6a	0		14
S-33(n,n'ta)Al-26m	TALYS-6a	0		14
S-33(n,2n2p)Si-30	TALYS-6a	0		21
S-33(n,ph)Al-30	TALYS-6a	0	[8]	19
S-33(n,dh)Al-29	TALYS-6a	0	[8]	16
S-33(n,ha)Mg-27	TALYS-6a	0	[8]	22
S-33(n,4n2p)Si-28	TALYS-6a	0		9
S-33(n,3p)Al-31	TALYS-6a	0	[8]	19
S-33(n,n'3p)Al-30	TALYS-6a	0	[8]	14
S-33(n,3n2pa)Mg-25	TALYS-6a	0	[8]	6
S-34(n,2nd)P-31	TALYS-6a	0		19
S-34(n,2n)S-33	TALYS-6a	0		38
S-34(n,3n)S-32	TALYS-6a	0		26
S-34(n,n'a)Si-30	TALYS-6a	0	[8]	44
S-34(n,n'3a)Ne-22	TALYS-6a	0	[8]	13
S-34(n,2na)Si-29	TALYS-6a	0		27
S-34(n,3na)Si-28	TALYS-6a	0	[8]	18
S-34(n,n'p)P-33	TALYS-6a	0		39
S-34(n,n'2a)Mg-26	TALYS-6a	0	[8]	25
S-34(n,2n2a)Mg-25	TALYS-6a	0	[8]	15
S-34(n,n'd)P-32	TALYS-6a	0		27
S-34(n,n't)P-31	TALYS-6a	0		25
S-34(n,n'h)Si-31	TALYS-6a	0	[8]	23
S-34(n,n'd2a)Na-24g	TALYS-6a	0	[4,8]	9
S-34(n,n'd2a)Na-24m	TALYS-6a	0	[4,7,8,8]	8
S-34(n,n't2a)Na-23	TALYS-6a	0	[8]	8
S-34(n,4n)S-31	TALYS-6a	0		13
S-34(n,2np)P-32	TALYS-6a	0		25
S-34(n,3np)P-31	TALYS-6a	0		17
S-34(n,n'2p)Si-32	TALYS-6a	0		25
S-34(n,n'pa)Al-29	TALYS-6a	0	[8]	23
S-34(n,g)S-35	JEF-2.2	4	[9,2]	2032
S-34(n,p)P-34	ADL-3	6	[13]	45
S-34(n,d)P-33	TALYS-6a	0	[8]	43
S-34(n,t)P-32	TALYS-6a	0	[8]	35
S-34(n,h)Si-32	TALYS-6a	0	[8]	34
S-34(n,a)Si-31	FENDL/A-1	6	[13,3,8]	92
S-34(n,2a)Mg-27	TALYS-6a	0	[8]	31
S-34(n,3a)Ne-23	TALYS-6a	0	[8]	16
S-34(n,2p)Si-33	TALYS-6a	0		30
S-34(n,pa)Al-30	TALYS-6a	0	[8]	29
S-34(n,t2a)Na-24g	TALYS-6a	0	[4,8]	12
S-34(n,t2a)Na-24m	TALYS-6a	0	[4,7,8,8]	11
S-34(n,d2a)Na-25	TALYS-6a	0	[8]	13
S-34(n,pd)Si-32	TALYS-6a	0	[8]	27
S-34(n,pt)Si-31	TALYS-6a	0	[8]	24
S-34(n,da)Al-29	TALYS-6a	0	[8]	25
S-34(n,2nt)P-30	TALYS-6a	0		15
S-34(n,ta)Al-28	TALYS-6a	0	[8]	22
S-34(n,4np)P-30	TALYS-6a	0		10
S-34(n,3nd)P-30	TALYS-6a	0		11
S-34(n,n'da)Al-28	TALYS-6a	0	[8]	16
S-34(n,2npa)Al-28	TALYS-6a	0	[8]	15
S-34(n,4na)Si-27	TALYS-6a	0	[8]	8
S-34(n,3nt)P-29	TALYS-6a	0		9
S-34(n,2nh)Si-30	TALYS-6a	0		17
S-34(n,3nh)Si-29	TALYS-6a	0		11
S-34(n,4nh)Si-28	TALYS-6a	0		7
S-34(n,3n2p)Si-30	TALYS-6a	0		13
S-34(n,3n2a)Mg-24	TALYS-6a	0	[8]	11
S-34(n,3npa)Al-27	TALYS-6a	0	[8]	11
S-34(n,dt)Si-30	TALYS-6a	0	[8]	19
S-34(n,n'pd)Si-31	TALYS-6a	0		18
S-34(n,n'pt)Si-30	TALYS-6a	0	[8]	17
S-34(n,n'dt)Si-29	TALYS-6a	0	[8]	12
S-34(n,n'ph)Al-30	TALYS-6a	0	[8]	12
S-34(n,n'dh)Al-29	TALYS-6a	0	[8]	10
S-34(n,n'th)Al-28	TALYS-6a	0	[8]	8
S-34(n,n'ta)Al-27	TALYS-6a	0	[8]	15
S-34(n,2n2p)Si-31	TALYS-6a	0		16
S-34(n,ph)Al-31	TALYS-6a	0	[8]	16
S-34(n,dh)Al-30	TALYS-6a	0	[8]	13
S-34(n,ha)Mg-28	TALYS-6a	0	[8]	19
S-34(n,4n2p)Si-29	TALYS-6a	0		7
S-34(n,3p)Al-32	TALYS-6a	0	[8]	14
S-34(n,n'3p)Al-31	TALYS-6a	0	[8]	12
S-34(n,3n2pa)Mg-26	TALYS-6a	0	[8]	6
S-35(n,2nd)P-32	TALYS-6a	0		20
S-35(n,2n)S-34	TALYS-6a	0		50
S-35(n,3n)S-33	TALYS-6a	0		28
S-35(n,n'a)Si-31	TALYS-6a	0	[8]	43
S-35(n,n'3a)Ne-23	TALYS-6a	0	[8]	12
S-35(n,2na)Si-30	TALYS-6a	0		31
S-35(n,3na)Si-29	TALYS-6a	0	[8]	19
S-35(n,n'p)P-34	TALYS-6a	0	[8]	37
S-35(n,n'2a)Mg-27	TALYS-6a	0	[8]	24
S-35(n,2n2a)Mg-26	TALYS-6a	0	[8]	17
S-35(n,n'd)P-33	TALYS-6a	0		30
S-35(n,n't)P-32	TALYS-6a	0		26
S-35(n,n'h)Si-32	TALYS-6a	0	[8]	25
S-35(n,n'd2a)Na-25	TALYS-6a	0	[8]	10
S-35(n,n't2a)Na-24g	TALYS-6a	0	[4,8]	8
S-35(n,n't2a)Na-24m	TALYS-6a	0	[4,7,8,8]	7
S-35(n,4n)S-32	TALYS-6a	0		19
S-35(n,2np)P-33	TALYS-6a	0		28
S-35(n,3np)P-32	TALYS-6a	0		18
S-35(n,n'2p)Si-33	TALYS-6a	0	[8]	22
S-35(n,n'pa)Al-30	TALYS-6a	0	[8]	21
>S-35(n,g)S-36	TALYS-6a	0	[2]	100
S-35(n,p)P-35	TALYS-6a	0	[2,8]	67
S-35(n,d)P-34	TALYS-6a	0		42
S-35(n,t)P-33	TALYS-6a	0		42
S-35(n,h)Si-33	TALYS-6a	0	[8]	30
S-35(n,a)Si-32	TALYS-6a	0	[2]	100
S-35(n,2a)Mg-28	TALYS-6a	0	[8]	34
S-35(n,3a)Ne-24	TALYS-6a	0	[8]	17
S-35(n,2p)Si-34	TALYS-6a	0	[8]	30
S-35(n,pa)Al-31	TALYS-6a	0	[8]	29
S-35(n,t2a)Na-25	TALYS-6a	0	[8]	13
S-35(n,d2a)Na-26	TALYS-6a	0	[8]	13
S-35(n,pd)Si-33	TALYS-6a	0		25
S-35(n,pt)Si-32	TALYS-6a	0	[8]	26
S-35(n,da)Al-30	TALYS-6a	0	[8]	24
S-35(n,5n)S-31	TALYS-6a	0		10
S-35(n,2nt)P-31	TALYS-6a	0		18
S-35(n,ta)Al-29	TALYS-6a	0	[8]	24
S-35(n,4np)P-31	TALYS-6a	0		13
S-35(n,3nd)P-31	TALYS-6a	0		14
S-35(n,n'da)Al-29	TALYS-6a	0	[8]	18
S-35(n,2npa)Al-29	TALYS-6a	0	[8]	16
S-35(n,5np)P-30	TALYS-6a	0		7
S-35(n,4na)Si-28	TALYS-6a	0		14
S-35(n,4nd)P-30	TALYS-6a	0		8
S-35(n,3nt)P-30	TALYS-6a	0		11
S-35(n,2nh)Si-31	TALYS-6a	0	[8]	16
S-35(n,3nh)Si-30	TALYS-6a	0		13
S-35(n,4nh)Si-29	TALYS-6a	0		8
S-35(n,3n2p)Si-31	TALYS-6a	0		13
S-35(n,3n2a)Mg-25	TALYS-6a	0	[8]	11
S-35(n,3npa)Al-28	TALYS-6a	0	[8]	11
S-35(n,dt)Si-31	TALYS-6a	0	[8]	19
S-35(n,n'pd)Si-32	TALYS-6a	0	[8]	20
S-35(n,n'pt)Si-31	TALYS-6a	0	[8]	17
S-35(n,n'dt)Si-30	TALYS-6a	0	[8]	14
S-35(n,n'ph)Al-31	TALYS-6a	0	[8]	12
S-35(n,n'dh)Al-30	TALYS-6a	0	[8]	9
S-35(n,n'th)Al-29	TALYS-6a	0	[8]	10
S-35(n,n'ta)Al-28	TALYS-6a	0	[8]	15
S-35(n,2n2p)Si-32	TALYS-6a	0		18
S-35(n,ph)Al-32	TALYS-6a	0	[8]	14
S-35(n,dh)Al-31	TALYS-6a	0	[8]	13
S-35(n,ha)Mg-29	TALYS-6a	0	[8]	16
S-35(n,4n2p)Si-30	TALYS-6a	0		9
S-35(n,4n2a)Mg-24	TALYS-6a	0	[8]	7
S-35(n,4npa)Al-27	TALYS-6a	0	[8]	7
S-35(n,n'3p)Al-32	TALYS-6a	0	[8]	10
S-36(n,2nd)P-33	TALYS-6a	0		20

Reaction	Library	Flag [refs]	Value
S-36(n,2n)S-35	TALYS-6a	0	41
S-36(n,3n)S-34	TALYS-6a	0	29
S-36(n,n'a)Si-32	TALYS-6a	0 [8]	42
S-36(n,n'3a)Ne-24	TALYS-6a	0 [8]	11
S-36(n,2na)Si-31	TALYS-6a	0 [8]	27
S-36(n,3na)Si-30	TALYS-6a	0 [8]	20
S-36(n,n'p)P-35	TALYS-6a	0 [8]	34
S-36(n,n'2a)Mg-28	TALYS-6a	0 [8]	22
S-36(n,2n2a)Mg-27	TALYS-6a	0 [8]	15
S-36(n,n'd)P-34	TALYS-6a	0	27
S-36(n,n't)P-33	TALYS-6a	0 [8]	26
S-36(n,n'h)Si-33	TALYS-6a	0 [8]	20
S-36(n,4n)S-33	TALYS-6a	0	17
S-36(n,2np)P-34	TALYS-6a	0	24
S-36(n,3np)P-33	TALYS-6a	0	18
S-36(n,n'2p)Si-34	TALYS-6a	0 [8]	20
S-36(n,n'pa)Al-31	TALYS-6a	0 [8]	19
S-36(n,g)S-37	NGAMMA	2 [14,13]	270
S-36(n,p)P-36	TALYS-6a	0 [2,8]	41
S-36(n,d)P-35	TALYS-6a	0	39
S-36(n,t)P-34	TALYS-6a	0 [8]	34
S-36(n,h)Si-34	TALYS-6a	0	28
S-36(n,a)Si-33	JENDL-3.2/A	0 [13,2,8,7,8,4]	43
S-36(n,2a)Mg-29	TALYS-6a	0 [8]	26
S-36(n,2p)Si-35	TALYS-6a	0 [8]	22
S-36(n,pa)Al-32	TALYS-6a	0 [8]	23
S-36(n,t2a)Na-26	TALYS-6a	0 [8]	11
S-36(n,pd)Si-34	TALYS-6a	0 [8]	22
S-36(n,pt)Si-33	TALYS-6a	0	21
S-36(n,da)Al-31	TALYS-6a	0 [8]	21
S-36(n,5n)S-32	TALYS-6a	0	13
S-36(n,2nt)P-32	TALYS-6a	0	16
S-36(n,ta)Al-30	TALYS-6a	0 [8]	20
S-36(n,4np)P-32	TALYS-6a	0	12
S-36(n,3nd)P-32	TALYS-6a	0	13
S-36(n,n'da)Al-30	TALYS-6a	0 [8]	15
S-36(n,2npa)Al-30	TALYS-6a	0 [8]	14
S-36(n,5np)P-31	TALYS-6a	0	8
S-36(n,4na)Si-29	TALYS-6a	0	13
S-36(n,5na)Si-28	TALYS-6a	0 [8]	8
S-36(n,4nd)P-31	TALYS-6a	0	9
S-36(n,3nt)P-31	TALYS-6a	0	12
S-36(n,4nt)P-30	TALYS-6a	0	6
S-36(n,2nh)Si-32	TALYS-6a	0	16
S-36(n,3nh)Si-31	TALYS-6a	0 [8]	11
S-36(n,4nh)Si-30	TALYS-6a	0	8
S-36(n,3n2p)Si-32	TALYS-6a	0	12
S-36(n,3n2a)Mg-26	TALYS-6a	0	12
S-36(n,3npa)Al-29	TALYS-6a	0 [8]	11
S-36(n,dt)Si-32	TALYS-6a	0 [8]	18
S-36(n,n'pd)Si-33	TALYS-6a	0 [8]	15
S-36(n,n'pt)Si-32	TALYS-6a	0 [8]	16
S-36(n,n'dt)Si-31	TALYS-6a	0	13
S-36(n,n'ph)Al-32	TALYS-6a	0 [8]	9
S-36(n,n'dh)Al-31	TALYS-6a	0 [8]	8
S-36(n,n'th)Al-30	TALYS-6a	0 [8]	8
S-36(n,n'ta)Al-29	TALYS-6a	0 [8]	15
S-36(n,2n2p)Si-33	TALYS-6a	0 [8]	14
S-36(n,ha)Mg-30	TALYS-6a	0 [8]	14
S-36(n,4n2p)Si-31	TALYS-6a	0	8
S-36(n,4npa)Al-28	TALYS-6a	0 [8]	6
Cl-35(n,2nd)S-32	TALYS-6a	0	22
Cl-35(n,2n)Cl-34g	TALYS-5	2 [15]	35
Cl-35(n,2n)Cl-34m	TALYS-5	5	35
Cl-35(n,3n)Cl-33	TALYS-5	0	22
Cl-35(n,n'a)P-31	TALYS-6a	0 [8]	46
Cl-35(n,n'3a)Na-23	TALYS-6a	0 [8]	15
Cl-35(n,2na)P-30	TALYS-6a	0 [8]	26
Cl-35(n,3na)P-29	TALYS-6a	0 [8]	15
Cl-35(n,n'p)S-34	TALYS-6a	0 [8]	52
Cl-35(n,n'2a)Al-27	TALYS-6a	0 [8]	27
Cl-35(n,2n2a)Al-26g	TALYS-6a	0	14
Cl-35(n,2n2a)Al-26m	TALYS-6a	0	14
Cl-35(n,n'd)S-33	TALYS-6a	0	30
Cl-35(n,n't)S-32	TALYS-6a	0	28
Cl-35(n,n'h)P-32	TALYS-6a	0	26
Cl-35(n,n'd2a)Mg-25	TALYS-6a	0 [8]	12
Cl-35(n,n't2a)Mg-24	TALYS-6a	0 [8]	11
Cl-35(n,4n)Cl-32	TALYS-6a	0	11
Cl-35(n,2np)S-33	TALYS-6a	0	28
Cl-35(n,3np)S-32	TALYS-6a	0	19
Cl-35(n,n'2p)P-33	TALYS-6a	0 [8]	28
Cl-35(n,n'pa)Si-30	TALYS-6a	0 [8]	30
Cl-35(n,g)Cl-36	SIGECN-MASGAM	4 [14,13]	1713
Cl-35(n,p)S-35	JENDL-3.2/A	4 [13,10]	937
Cl-35(n,d)S-34	TALYS-6a	0 [8]	63
Cl-35(n,t)S-33	TALYS-5	5	42
Cl-35(n,h)P-33	TALYS-6a	0 [8]	41
Cl-35(n,a)P-32	ENDF/B-VI.8	4 [9,13,3]	2017
Cl-35(n,2a)Al-28	TALYS-6a	0 [8]	38
Cl-35(n,3a)Na-24g	TALYS-6a	0 [4,8]	20
Cl-35(n,3a)Na-24m	TALYS-6a	0 [4,7,8,8]	19
Cl-35(n,2p)P-34	TALYS-6a	0	38
Cl-35(n,pa)Si-31	TALYS-6a	0 [8]	43
Cl-35(n,t2a)Mg-25	TALYS-6a	0 [8]	15
Cl-35(n,d2a)Mg-26	TALYS-6a	0 [8]	18
Cl-35(n,pd)P-33	TALYS-6a	0	31
Cl-35(n,pt)P-32	TALYS-6a	0 [8]	26
Cl-35(n,da)Si-30	TALYS-6a	0 [8]	34
Cl-35(n,2nt)S-31	TALYS-6a	0	14
Cl-35(n,ta)Si-29	TALYS-6a	0 [8]	28
Cl-35(n,4np)S-31	TALYS-6a	0	10
Cl-35(n,3nd)S-31	TALYS-6a	0	11
Cl-35(n,n'da)Si-29	TALYS-6a	0 [8]	22
Cl-35(n,2npa)Si-29	TALYS-6a	0	20
Cl-35(n,2nh)P-31	TALYS-6a	0	18
Cl-35(n,3nh)P-30	TALYS-6a	0	11
Cl-35(n,3n2p)P-31	TALYS-6a	0	13
Cl-35(n,3n2a)Al-25	TALYS-6a	0 [8]	8

Reaction	Library	Flag [refs]	Value
Cl-35(n,3npa)Si-28	TALYS-6a	0	14
Cl-35(n,dt)P-31	TALYS-6a	0 [8]	20
Cl-35(n,n'pd)P-32	TALYS-6a	0 [8]	20
Cl-35(n,n'pt)P-31	TALYS-6a	0 [8]	18
Cl-35(n,n'dt)P-30	TALYS-6a	0 [8]	12
Cl-35(n,n'ph)Si-31	TALYS-6a	0 [8]	16
Cl-35(n,n'dh)Si-30	TALYS-6a	0 [8]	14
Cl-35(n,n'th)Si-29	TALYS-6a	0 [8]	11
Cl-35(n,n'ta)Si-28	TALYS-6a	0 [8]	19
Cl-35(n,2n2p)P-32	TALYS-6a	0	18
Cl-35(n,ph)Si-32	TALYS-6a	0 [8]	26
Cl-35(n,dh)Si-31	TALYS-6a	0 [8]	18
Cl-35(n,ha)Al-29	TALYS-6a	0 [8]	23
Cl-35(n,4n2p)P-30	TALYS-6a	0	7
Cl-35(n,3p)Si-33	TALYS-6a	0 [8]	22
Cl-35(n,n'3p)Si-32	TALYS-6a	0 [8]	18
Cl-35(n,3n2pa)Al-27	TALYS-6a	0 [8]	7
Cl-36(n,2nd)S-33	TALYS-6a	0	22
Cl-36(n,2n)Cl-35	TALYS-6a	0	44
Cl-36(n,3n)Cl-34g	TALYS-6a	0	25
Cl-36(n,3n)Cl-34m	TALYS-6a	0	25
Cl-36(n,n'a)P-32	TALYS-6a	0 [8]	44
Cl-36(n,n'3a)Na-24g	TALYS-6a	0 [4,8]	13
Cl-36(n,n'3a)Na-24m	TALYS-6a	0 [4,7,8,8]	12
Cl-36(n,2na)P-31	TALYS-6a	0	30
Cl-36(n,3na)P-30	TALYS-6a	0 [8]	17
Cl-36(n,n'p)S-35	TALYS-6a	0	45
Cl-36(n,n'2a)Al-28	TALYS-6a	0 [8]	25
Cl-36(n,2n2a)Al-27	TALYS-6a	0 [8]	17
Cl-36(n,n'd)S-34	TALYS-6a	0	35
Cl-36(n,n't)S-33	TALYS-6a	0	28
Cl-36(n,n'h)P-33	TALYS-6a	0 [8]	27
Cl-36(n,n'd2a)Mg-26	TALYS-6a	0 [8]	13
Cl-36(n,n't2a)Mg-25	TALYS-6a	0 [8]	10
Cl-36(n,4n)Cl-33	TALYS-6a	0	15
Cl-36(n,2np)S-34	TALYS-6a	0	31
Cl-36(n,3np)S-33	TALYS-6a	0	19
Cl-36(n,n'2p)P-34	TALYS-6a	0	26
Cl-36(n,n'pa)Si-31	TALYS-6a	0 [8]	28
Cl-36(n,g)Cl-37	MASGAM	2 [14,13,12]	110
Cl-36(n,p)S-36	ADL-3	2 [13,3,15,10]	52
Cl-36(n,d)S-35	TALYS-6a	0 [8]	55
Cl-36(n,t)S-34	TALYS-6a	0 [8]	51
Cl-36(n,h)P-34	TALYS-6a	0 [8]	36
Cl-36(n,a)P-33	TALYS-6a	0 [2]	100
Cl-36(n,2a)Al-29	TALYS-6a	0 [8]	39
Cl-36(n,3a)Na-25	TALYS-6a	0 [8]	20
Cl-36(n,2p)P-35	TALYS-6a	0 [8]	37
Cl-36(n,pa)Si-32	TALYS-6a	0 [8]	45
Cl-36(n,t2a)Mg-26	TALYS-6a	0 [8]	16
Cl-36(n,d2a)Mg-27	TALYS-6a	0 [8]	16
Cl-36(n,pd)P-34	TALYS-6a	0 [8]	28
Cl-36(n,pt)P-33	TALYS-6a	0 [8]	28
Cl-36(n,da)Si-31	TALYS-6a	0 [8]	30
Cl-36(n,2nt)S-32	TALYS-6a	0	19
Cl-36(n,ta)Si-30	TALYS-6a	0 [8]	30
Cl-36(n,4np)S-32	TALYS-6a	0	14
Cl-36(n,3nd)S-32	TALYS-6a	0	15
Cl-36(n,n'da)Si-30	TALYS-6a	0 [8]	24
Cl-36(n,2npa)Si-30	TALYS-6a	0 [8]	22
Cl-36(n,4na)P-29	TALYS-6a	0	11
Cl-36(n,4nd)S-31	TALYS-6a	0	7
Cl-36(n,3nt)S-31	TALYS-6a	0	10
Cl-36(n,2nh)P-32	TALYS-6a	0	17
Cl-36(n,3nh)P-31	TALYS-6a	0	13
Cl-36(n,4nh)P-30	TALYS-6a	0	7
Cl-36(n,3n2p)P-32	TALYS-6a	0	13
Cl-36(n,3n2a)Al-26g	TALYS-6a	0	10
Cl-36(n,3n2a)Al-26m	TALYS-6a	0	10
Cl-36(n,3npa)Si-29	TALYS-6a	0	14
Cl-36(n,dt)P-32	TALYS-6a	0 [8]	19
Cl-36(n,n'pd)P-33	TALYS-6a	0	22
Cl-36(n,n'pt)P-32	TALYS-6a	0 [8]	17
Cl-36(n,n'dt)P-31	TALYS-6a	0	14
Cl-36(n,n'ph)Si-32	TALYS-6a	0 [8]	17
Cl-36(n,n'dh)Si-31	TALYS-6a	0 [8]	13
Cl-36(n,n'th)Si-30	TALYS-6a	0 [8]	12
Cl-36(n,n'ta)Si-29	TALYS-6a	0 [8]	19
Cl-36(n,2n2p)P-33	TALYS-6a	0	20
Cl-36(n,ph)Si-33	TALYS-6a	0 [8]	21
Cl-36(n,dh)Si-32	TALYS-6a	0 [8]	18
Cl-36(n,ha)Al-30	TALYS-6a	0 [8]	20
Cl-36(n,4n2p)P-31	TALYS-6a	0	9
Cl-36(n,4npa)Si-28	TALYS-6a	0 [8]	9
Cl-36(n,3p)Si-34	TALYS-6a	0 [8]	21
Cl-36(n,n'3p)Si-33	TALYS-6a	0 [8]	15
Cl-36(n,3n2pa)Al-28	TALYS-6a	0 [8]	6
Cl-37(n,2nd)S-34	TALYS-6a	0	23
Cl-37(n,2n)Cl-36	TALYS-6a	0	40
Cl-37(n,3n)Cl-35	TALYS-6a	0	27
Cl-37(n,n'a)P-33	TALYS-6a	0 [8]	44
Cl-37(n,n'3a)Na-25	TALYS-6a	0 [8]	13
Cl-37(n,2na)P-32	TALYS-6a	0 [8]	27
Cl-37(n,3na)P-31	TALYS-6a	0 [8]	19
Cl-37(n,n'p)S-36	TALYS-6a	0	44
Cl-37(n,n'2a)Al-29	TALYS-6a	0 [8]	25
Cl-37(n,2n2a)Al-28	TALYS-6a	0 [8]	16
Cl-37(n,n'd)S-35	TALYS-6a	0	30
Cl-37(n,n't)S-34	TALYS-6a	0	29
Cl-37(n,n'h)P-34	TALYS-6a	0 [8]	23
Cl-37(n,n'd2a)Mg-27	TALYS-6a	0 [8]	11
Cl-37(n,n't2a)Mg-26	TALYS-6a	0 [8]	11
Cl-37(n,4n)Cl-34g	TALYS-6a	0	15
Cl-37(n,4n)Cl-34m	TALYS-6a	0	15
Cl-37(n,2np)S-35	TALYS-6a	0	21
Cl-37(n,n'2p)P-35	TALYS-6a	0	24
Cl-37(n,n'pa)Si-32	TALYS-6a	0 [8]	27
Cl-37(n,g)Cl-38g	JENDL-3.2	4 [13,4,6]	4450

Reaction	Library	Flag	Refs	Value
Cl-37(n,g)Cl-38m	JENDL-3.2	2	[7,13,4,6]	4450
>Cl-37(n,p)S-37	ENDF/B-VII.2	6	[13,3,3]	188
Cl-37(n,d)S-36	TALYS-6a	0	[8]	53
Cl-37(n,t)S-35	TALYS-6a	0		41
Cl-37(n,h)P-35	TALYS-6a	0	[8]	32
Cl-37(n,a)P-34	ADL-3	6	[13]	45
Cl-37(n,2a)Al-30	TALYS-6a	0	[8]	31
Cl-37(n,3a)Na-26	TALYS-6a	0	[8]	16
Cl-37(n,2p)P-36	TALYS-6a	0	[8]	27
Cl-37(n,pa)Si-33	TALYS-6a	0	[8]	32
Cl-37(n,t2a)Mg-27	TALYS-6a	0	[8]	14
Cl-37(n,d2a)Mg-28	TALYS-6a	0	[8]	15
Cl-37(n,pd)P-35	TALYS-6a	0	[8]	26
Cl-37(n,pt)P-34	TALYS-6a	0	[8]	24
Cl-37(n,da)Si-32	TALYS-6a	0	[8]	29
Cl-37(n,5n)Cl-33	TALYS-6a	0		9
Cl-37(n,2nt)S-33	TALYS-6a	0	[8]	17
Cl-37(n,ta)Si-31	TALYS-6a	0	[8]	26
Cl-37(n,4np)S-33	TALYS-6a	0		13
Cl-37(n,3nd)S-33	TALYS-6a	0		14
Cl-37(n,n'da)Si-31	TALYS-6a	0	[8]	20
Cl-37(n,2npa)Si-31	TALYS-6a	0	[8]	18
Cl-37(n,5np)S-32	TALYS-6a	0		8
Cl-37(n,4na)P-30	TALYS-6a	0	[8]	11
Cl-37(n,4nd)S-32	TALYS-6a	0		9
Cl-37(n,3nt)S-32	TALYS-6a	0	[8]	12
Cl-37(n,2nh)P-33	TALYS-6a	0		17
Cl-37(n,3nh)P-32	TALYS-6a	0		12
Cl-37(n,4nh)P-31	TALYS-6a	0		8
Cl-37(n,3n2p)P-33	TALYS-6a	0		13
Cl-37(n,3n2a)Al-27	TALYS-6a	0	[8]	12
Cl-37(n,3npa)Si-30	TALYS-6a	0		14
Cl-37(n,dt)P-33	TALYS-6a	0	[8]	19
Cl-37(n,n'pd)P-34	TALYS-6a	0	[8]	17
Cl-37(n,n'pt)P-33	TALYS-6a	0	[8]	17
Cl-37(n,n'dt)P-32	TALYS-6a	0		13
Cl-37(n,n'ph)Si-33	TALYS-6a	0	[8]	13
Cl-37(n,n'dh)Si-32	TALYS-6a	0	[8]	12
Cl-37(n,n'th)Si-31	TALYS-6a	0	[8]	10
Cl-37(n,n'ta)Si-30	TALYS-6a	0	[8]	19
Cl-37(n,2n2p)P-34	TALYS-6a	0		16
Cl-37(n,ph)Si-34	TALYS-6a	0	[8]	18
Cl-37(n,ha)Al-31	TALYS-6a	0	[8]	16
Cl-37(n,4n2p)P-32	TALYS-6a	0		8
Cl-37(n,4npa)Si-29	TALYS-6a	0	[8]	8
Cl-37(n,n'3p)Si-34	TALYS-6a	0	[8]	13
Ar-36(n,2nd)Cl-33	TALYS-6a	0		16
Ar-36(n,2n)Ar-35	TALYS-6a	0		31
Ar-36(n,3n)Ar-34	TALYS-6a	0		18
Ar-36(n,n'a)S-32	TALYS-6a	0	[8]	48
Ar-36(n,n'3a)Mg-24	TALYS-6a	0	[8]	16
Ar-36(n,2na)S-31	TALYS-6a	0	[8]	23
Ar-36(n,3na)S-30	TALYS-6a	0	[8]	13
Ar-36(n,n'p)Cl-35	TALYS-6a	0		44
Ar-36(n,n'2a)Si-28	TALYS-6a	0	[8]	30
Ar-36(n,2n2a)Si-27	TALYS-6a	0	[8]	14
Ar-36(n,n'd)Cl-34g	TALYS-6a	0		27
Ar-36(n,n'd)Cl-34m	TALYS-6a	0		27
Ar-36(n,n't)Cl-33	TALYS-6a	0	[8]	21
Ar-36(n,n'h)S-33	TALYS-6a	0		27
Ar-36(n,n'd2a)Al-26g	TALYS-6a	0		10
Ar-36(n,n'd2a)Al-26m	TALYS-6a	0		10
Ar-36(n,2np)Cl-34g	TALYS-6a	0		25
Ar-36(n,2np)Cl-34m	TALYS-6a	0		25
Ar-36(n,3np)Cl-33	TALYS-6a	0		15
Ar-36(n,n'2p)S-34	TALYS-6a	0		31
Ar-36(n,n'pa)P-31	TALYS-6a	0	[8]	29
Ar-36(n,g)Ar-37	JEF-2.2	2	[14,13]	505
Ar-36(n,p)Cl-36	JENDL-3.2/A	2	[13,11]	71
Ar-36(n,d)Cl-35	TALYS-6a	0	[8]	52
Ar-36(n,t)Cl-34g	TALYS-6a	0		35
Ar-36(n,t)Cl-34m	TALYS-6a	0		35
Ar-36(n,h)S-34	TALYS-6a	0	[8]	46
Ar-36(n,a)S-33	JENDL-3.2/A	2	[13]	54
Ar-36(n,2a)Si-29	TALYS-6a	0	[8]	47
Ar-36(n,3a)Mg-25	TALYS-6a	0	[8]	23
Ar-36(n,2p)S-35	TALYS-6a	0	[8]	44
Ar-36(n,pa)P-32	TALYS-6a	0	[8]	43
Ar-36(n,t2a)Al-26g	TALYS-6a	0		13
Ar-36(n,t2a)Al-26m	TALYS-6a	0		13
Ar-36(n,d2a)Al-27	TALYS-6a	0	[8]	18
Ar-36(n,pd)S-34	TALYS-6a	0	[8]	34
Ar-36(n,pt)S-33	TALYS-6a	0		28
Ar-36(n,da)P-31	TALYS-6a	0	[8]	31
Ar-36(n,2nt)Cl-32	TALYS-6a	0		11
Ar-36(n,ta)P-30	TALYS-6a	0	[8]	25
Ar-36(n,3nd)Cl-32	TALYS-6a	0		8
Ar-36(n,n'da)P-30	TALYS-6a	0	[8]	18
Ar-36(n,2npa)P-30	TALYS-6a	0	[8]	16
Ar-36(n,2nh)S-32	TALYS-6a	0	[8]	18
Ar-36(n,3nh)S-31	TALYS-6a	0		10
Ar-36(n,3n2p)S-32	TALYS-6a	0	[8]	13
Ar-36(n,3npa)P-29	TALYS-6a	0	[8]	10
Ar-36(n,dt)S-32	TALYS-6a	0	[8]	20
Ar-36(n,n'pd)S-33	TALYS-6a	0	[8]	21
Ar-36(n,n'pt)S-32	TALYS-6a	0		19
Ar-36(n,n'dt)S-31	TALYS-6a	0		11
Ar-36(n,n'ph)P-32	TALYS-6a	0		16
Ar-36(n,n'dh)P-31	TALYS-6a	0	[8]	13
Ar-36(n,n'th)P-30	TALYS-6a	0	[8]	10
Ar-36(n,2n2p)S-33	TALYS-6a	0		19
Ar-36(n,ph)P-33	TALYS-6a	0	[8]	27
Ar-36(n,dh)P-32	TALYS-6a	0	[8]	18
Ar-36(n,ha)Si-30	TALYS-6a	0	[8]	28
Ar-36(n,3p)P-34	TALYS-6a	0	[8]	25
Ar-36(n,n'3p)P-33	TALYS-6a	0	[8]	19
Ar-36(n,3n2pa)Si-28	TALYS-6a	0	[8]	9
Ar-37(n,2nd)Cl-34g	TALYS-6a	0		18
Ar-37(n,2nd)Cl-34m	TALYS-6a	0		18
Ar-37(n,2n)Ar-36	TALYS-6a	0		43
Ar-37(n,3n)Ar-35	TALYS-6a	0		22
Ar-37(n,n'a)S-33	TALYS-6a	0	[8]	47
Ar-37(n,n'3a)Mg-25	TALYS-6a	0	[8]	15
Ar-37(n,2na)S-32	TALYS-6a	0	[8]	30
Ar-37(n,3na)S-31	TALYS-6a	0	[8]	15
Ar-37(n,n'p)Cl-36	TALYS-6a	0	[8]	43
Ar-37(n,n'2a)Si-29	TALYS-6a	0	[8]	29
Ar-37(n,2n2a)Si-28	TALYS-6a	0	[8]	20
Ar-37(n,n'd)Cl-35	TALYS-6a	0		31
Ar-37(n,n't)Cl-34g	TALYS-6a	0		24
Ar-37(n,n't)Cl-34m	TALYS-6a	0		24
Ar-37(n,n'h)S-34	TALYS-6a	0	[8]	29
Ar-37(n,n'd2a)Al-27	TALYS-6a	0	[8]	13
Ar-37(n,n't2a)Al-26g	TALYS-6a	0		9
Ar-37(n,n't2a)Al-26m	TALYS-6a	0		8
Ar-37(n,4n)Ar-34	TALYS-6a	0		13
Ar-37(n,2np)Cl-35	TALYS-6a	0		29
Ar-37(n,3np)Cl-34g	TALYS-6a	0		16
Ar-37(n,3np)Cl-34m	TALYS-6a	0		16
Ar-37(n,n'2p)S-35	TALYS-6a	0		29
Ar-37(n,n'pa)P-32	TALYS-6a	0	[8]	28
>Ar-37(n,g)Ar-38	TALYS-6a	0	[2]	100
Ar-37(n,p)Cl-37	ADL-3	2	[13,10]	53
Ar-37(n,d)Cl-36	TALYS-6a	0	[8]	51
Ar-37(n,t)Cl-35	TALYS-6a	0		43
Ar-37(n,h)S-35	TALYS-6a	0	[8]	42
>Ar-37(n,a)S-34	TALYS-6a	2		100
Ar-37(n,2a)Si-30	TALYS-6a	0	[8]	57
Ar-37(n,3a)Mg-26	TALYS-6a	0	[8]	25
Ar-37(n,2p)S-36	TALYS-6a	0	[8]	48
Ar-37(n,pa)P-33	TALYS-6a	0	[8]	47
Ar-37(n,t2a)Al-27	TALYS-6a	0	[8]	16
Ar-37(n,d2a)Al-28	TALYS-6a	0	[8]	17
Ar-37(n,pd)S-35	TALYS-6a	0	[8]	31
Ar-37(n,pt)S-34	TALYS-6a	0	[8]	30
Ar-37(n,da)P-32	TALYS-6a	0	[8]	30
Ar-37(n,2nt)Cl-33	TALYS-6a	0	[8]	14
Ar-37(n,ta)P-31	TALYS-6a	0	[8]	28
Ar-37(n,4np)Cl-33	TALYS-6a	0		10
Ar-37(n,3nd)Cl-33	TALYS-6a	0		11
Ar-37(n,n'da)P-31	TALYS-6a	0	[8]	22
Ar-37(n,2npa)P-31	TALYS-6a	0	[8]	20
Ar-37(n,2nh)S-33	TALYS-6a	0		18
Ar-37(n,3nh)S-32	TALYS-6a	0		13
Ar-37(n,3n2p)S-33	TALYS-6a	0		13
Ar-37(n,3n2a)Si-27	TALYS-6a	0	[8]	9
Ar-37(n,3npa)P-30	TALYS-6a	0	[8]	12
Ar-37(n,dt)S-33	TALYS-6a	0	[8]	20
Ar-37(n,n'pd)S-34	TALYS-6a	0		24
Ar-37(n,n'pt)S-33	TALYS-6a	0	[8]	18
Ar-37(n,n'dt)S-32	TALYS-6a	0	[8]	14
Ar-37(n,n'ph)P-33	TALYS-6a	0	[8]	17
Ar-37(n,n'dh)P-32	TALYS-6a	0	[8]	13
Ar-37(n,n'th)P-31	TALYS-6a	0	[8]	12
Ar-37(n,n'ta)P-30	TALYS-6a	0	[8]	16
Ar-37(n,2n2p)S-34	TALYS-6a	0		22
Ar-37(n,ph)P-34	TALYS-6a	0	[8]	24
Ar-37(n,dh)P-33	TALYS-6a	0	[8]	19
Ar-37(n,ha)Si-31	TALYS-6a	0	[8]	26
Ar-37(n,4n2p)S-32	TALYS-6a	0		9
Ar-37(n,3p)P-35	TALYS-6a	0	[8]	24
Ar-37(n,n'3p)P-34	TALYS-6a	0	[8]	16
Ar-37(n,3n2pa)Si-29	TALYS-6a	0	[8]	8
Ar-38(n,2nd)Cl-35	TALYS-6a	0		19
Ar-38(n,2n)Ar-37	TALYS-6a	0		37
Ar-38(n,3n)Ar-36	TALYS-6a	0		25
Ar-38(n,n'a)S-34	TALYS-6a	0	[8]	45
Ar-38(n,n'3a)Mg-26	TALYS-6a	0	[8]	15
Ar-38(n,2na)S-33	TALYS-6a	0		27
Ar-38(n,3na)S-32	TALYS-6a	0	[8]	18
Ar-38(n,n'p)Cl-37	TALYS-6a	0		40
Ar-38(n,n'2a)Si-30	TALYS-6a	0	[8]	28
Ar-38(n,2n2a)Si-29	TALYS-6a	0	[8]	17
Ar-38(n,n'd)Cl-36	TALYS-6a	0		28
Ar-38(n,n't)Cl-35	TALYS-6a	0		25
Ar-38(n,n'h)S-35	TALYS-6a	0	[8]	24
Ar-38(n,n'd2a)Al-28	TALYS-6a	0	[8]	10
Ar-38(n,n't2a)Al-27	TALYS-6a	0	[8]	10
Ar-38(n,4n)Ar-35	TALYS-6a	0		13
Ar-38(n,2np)Cl-36	TALYS-6a	0		25
Ar-38(n,3np)Cl-35	TALYS-6a	0		17
Ar-38(n,n'2p)S-36	TALYS-6a	0		27
Ar-38(n,n'pa)P-33	TALYS-6a	0	[8]	26
Ar-38(n,g)Ar-39	JEF-2.2	2	[9,2,14]	575
Ar-38(n,p)Cl-38g	TALYS-6a	0	[2]	63
Ar-38(n,p)Cl-38m	TALYS-6a	0	[2]	59
Ar-38(n,d)Cl-37	TALYS-6a	0		45
Ar-38(n,t)Cl-36	TALYS-6a	0	[8]	36
Ar-38(n,h)S-36	TALYS-6a	0	[8]	38
Ar-38(n,a)S-35	TALYS-6a	2	[2,8]	81
Ar-38(n,2a)Si-31	TALYS-6a	0	[8]	39
Ar-38(n,3a)Mg-27	TALYS-6a	0	[8]	19
Ar-38(n,2p)S-37	TALYS-6a	0	[8]	31
Ar-38(n,pa)P-34	TALYS-6a	0	[8]	34
Ar-38(n,t2a)Al-28	TALYS-6a	0	[8]	14
Ar-38(n,d2a)Al-29	TALYS-6a	0	[8]	15
Ar-38(n,pd)S-36	TALYS-6a	0	[8]	29
Ar-38(n,pt)S-35	TALYS-6a	0	[8]	25
Ar-38(n,da)P-33	TALYS-6a	0	[8]	29
Ar-38(n,2nt)Cl-34g	TALYS-6a	0		14
Ar-38(n,2nt)Cl-34m	TALYS-6a	0		14
Ar-38(n,ta)P-32	TALYS-6a	0	[8]	24
Ar-38(n,4np)Cl-34g	TALYS-6a	0		10
Ar-38(n,4np)Cl-34m	TALYS-6a	0		10
Ar-38(n,3nd)Cl-34g	TALYS-6a	0		11
Ar-38(n,3nd)Cl-34m	TALYS-6a	0		11
Ar-38(n,n'da)P-32	TALYS-6a	0	[8]	18

Reaction	Library	Flag	Refs	%
Ar-38(n,2npa)P-32	TALYS-6a	0	[8]	16
Ar-38(n,4na)S-31	TALYS-6a	0	[8]	9
Ar-38(n,3nt)Cl-33	TALYS-6a	0	[8]	8
Ar-38(n,2nh)S-34	TALYS-6a	0	[8]	17
Ar-38(n,3nh)S-33	TALYS-6a	0		11
Ar-38(n,4nh)S-32	TALYS-6a	0		7
Ar-38(n,3n2p)S-34	TALYS-6a	0		13
Ar-38(n,3n2a)Si-28	TALYS-6a	0	[8]	12
Ar-38(n,3npa)P-31	TALYS-6a	0	[8]	12
Ar-38(n,dt)S-34	TALYS-6a	0	[8]	20
Ar-38(n,n'pd)S-35	TALYS-6a	0	[8]	19
Ar-38(n,n'pt)S-34	TALYS-6a	0	[8]	18
Ar-38(n,n'dt)S-33	TALYS-6a	0	[8]	12
Ar-38(n,n'ph)P-34	TALYS-6a	0	[8]	14
Ar-38(n,n'dh)P-33	TALYS-6a	0	[8]	12
Ar-38(n,n'th)P-32	TALYS-6a	0	[8]	10
Ar-38(n,n'ta)P-31	TALYS-6a	0	[8]	16
Ar-38(n,2n2p)S-35	TALYS-6a	0		17
Ar-38(n,ph)P-35	TALYS-6a	0	[8]	20
Ar-38(n,dh)P-34	TALYS-6a	0	[8]	15
Ar-38(n,ha)Si-32	TALYS-6a	0	[8]	23
Ar-38(n,4n2p)S-33	TALYS-6a	0		7
Ar-38(n,3p)P-36	TALYS-6a	0	[8]	16
Ar-38(n,n'3p)P-35	TALYS-6a	0	[8]	14
Ar-38(n,3n2pa)Si-30	TALYS-6a	0	[8]	8
Ar-39(n,2nd)Cl-36	TALYS-6a	0		21
Ar-39(n,2n)Ar-38	TALYS-6a	0		52
Ar-39(n,3n)Ar-37	TALYS-6a	0		28
Ar-39(n,n'a)S-35	TALYS-6a	0	[8]	47
Ar-39(n,n'3a)Mg-27	TALYS-6a	0	[8]	14
Ar-39(n,2na)S-34	TALYS-6a	0	[8]	32
Ar-39(n,3na)S-33	TALYS-6a	0	[8]	20
Ar-39(n,n'p)Cl-38g	TALYS-6a	0		39
Ar-39(n,n'p)Cl-38m	TALYS-6a	0		38
Ar-39(n,n'2a)Si-31	TALYS-6a	0	[8]	28
Ar-39(n,2n2a)Si-30	TALYS-6a	0	[8]	21
Ar-39(n,n'd)Cl-37	TALYS-6a	0	[8]	31
Ar-39(n,n't)Cl-36	TALYS-6a	0		27
Ar-39(n,n'h)S-36	TALYS-6a	0	[8]	28
Ar-39(n,n'd2a)Al-29	TALYS-6a	0	[8]	12
Ar-39(n,n't2a)Al-28	TALYS-6a	0	[8]	10
Ar-39(n,4n)Ar-36	TALYS-6a	0		19
Ar-39(n,2np)Cl-37	TALYS-6a	0		29
Ar-39(n,3np)Cl-36	TALYS-6a	0		19
Ar-39(n,n'2p)S-37	TALYS-6a	0	[8]	24
Ar-39(n,n'pa)P-34	TALYS-6a	0	[8]	26
Ar-39(n,g)Ar-40	MASGAM	2	[14,13,13,4]	57
Ar-39(n,p)Cl-39	TALYS-6a	0	[2,8]	70
Ar-39(n,d)Cl-38g	TALYS-6a	0		43
Ar-39(n,d)Cl-38m	TALYS-6a	0		42
Ar-39(n,t)Cl-37	TALYS-6a	0		44
Ar-39(n,h)S-37	TALYS-6a	0	[8]	33
Ar-39(n,a)S-36	TALYS-6a	0	[2]	100
Ar-39(n,2a)Si-32	TALYS-6a	0	[8]	44
Ar-39(n,3a)Mg-28	TALYS-6a	0	[8]	21
Ar-39(n,2p)S-38	TALYS-6a	0	[8]	34
Ar-39(n,pa)P-35	TALYS-6a	0	[8]	38
Ar-39(n,t2a)Al-29	TALYS-6a	0	[8]	15
Ar-39(n,d2a)Al-30	TALYS-6a	0	[8]	15
Ar-39(n,pd)S-37	TALYS-6a	0		27
Ar-39(n,pt)S-36	TALYS-6a	0		29
Ar-39(n,da)P-34	TALYS-6a	0	[8]	28
Ar-39(n,5n)Ar-35	TALYS-6a	0		10
Ar-39(n,2nt)Cl-35	TALYS-6a	0	[8]	18
Ar-39(n,ta)P-33	TALYS-6a	0	[8]	28
Ar-39(n,4np)Cl-35	TALYS-6a	0		13
Ar-39(n,3nd)Cl-35	TALYS-6a	0		14
Ar-39(n,n'da)P-33	TALYS-6a	0	[8]	22
Ar-39(n,2npa)P-33	TALYS-6a	0	[8]	20
Ar-39(n,5np)Cl-34g	TALYS-6a	0		7
Ar-39(n,5np)Cl-34m	TALYS-6a	0		7
Ar-39(n,4na)S-32	TALYS-6a	0		14
Ar-39(n,4nd)Cl-34g	TALYS-6a	0		8
Ar-39(n,4nd)Cl-34m	TALYS-6a	0		8
Ar-39(n,3nt)Cl-34g	TALYS-6a	0		11
Ar-39(n,3nt)Cl-34m	TALYS-6a	0		11
Ar-39(n,2nh)S-35	TALYS-6a	0		18
Ar-39(n,3nh)S-34	TALYS-6a	0		14
Ar-39(n,4nh)S-33	TALYS-6a	0		8
Ar-39(n,3n2p)S-35	TALYS-6a	0		13
Ar-39(n,3n2a)Si-29	TALYS-6a	0	[8]	13
Ar-39(n,3npa)P-32	TALYS-6a	0	[8]	13
Ar-39(n,dt)S-35	TALYS-6a	0	[8]	20
Ar-39(n,n'pd)S-36	TALYS-6a	0	[8]	22
Ar-39(n,n'pt)S-35	TALYS-6a	0	[8]	18
Ar-39(n,n'dt)S-34	TALYS-6a	0		15
Ar-39(n,n'ph)P-35	TALYS-6a	0	[8]	15
Ar-39(n,n'dh)P-34	TALYS-6a	0	[8]	12
Ar-39(n,n'th)P-33	TALYS-6a	0	[8]	11
Ar-39(n,n'ta)P-32	TALYS-6a	0	[8]	17
Ar-39(n,2n2p)S-36	TALYS-6a	0	[8]	20
Ar-39(n,ph)P-36	TALYS-6a	0	[8]	17
Ar-39(n,dh)P-35	TALYS-6a	0		16
Ar-39(n,ha)Si-33	TALYS-6a	0	[8]	20
Ar-39(n,4n2p)S-34	TALYS-6a	0		10
Ar-39(n,4n2a)Si-28	TALYS-6a	0	[8]	9
Ar-39(n,4npa)P-31	TALYS-6a	0	[8]	9
Ar-39(n,n'3p)P-36	TALYS-6a	0	[8]	13
Ar-39(n,3n2pa)Si-31	TALYS-6a	0	[8]	8
Ar-40(n,2nd)Cl-37	TALYS-6a	0		21
Ar-40(n,2n)Ar-39	TALYS-6a	0		41
Ar-40(n,3n)Ar-38	TALYS-6a	0		30
Ar-40(n,n'a)S-36	TALYS-6a	0	[8]	47
Ar-40(n,n'3a)Mg-28	TALYS-6a	0	[8]	14
Ar-40(n,2na)S-35	TALYS-6a	0		29
Ar-40(n,3na)S-34	TALYS-6a	0	[8]	21
Ar-40(n,n'p)Cl-39	TALYS-6a	0		36
Ar-40(n,n'2a)Si-32	TALYS-6a	0	[8]	27
Ar-40(n,2n2a)Si-31	TALYS-6a	0	[8]	17
Ar-40(n,n'd)Cl-38g	TALYS-6a	0		28
Ar-40(n,n'd)Cl-38m	TALYS-6a	0		27
Ar-40(n,n't)Cl-37	TALYS-6a	0		28
Ar-40(n,n'h)S-37	TALYS-6a	0	[8]	22
Ar-40(n,n'd2a)Al-30	TALYS-6a	0	[8]	9
Ar-40(n,n't2a)Al-29	TALYS-6a	0	[8]	10
Ar-40(n,4n)Ar-37	TALYS-6a	0		17
Ar-40(n,2np)Cl-38g	TALYS-6a	0		25
Ar-40(n,2np)Cl-38m	TALYS-6a	0		25
Ar-40(n,3np)Cl-37	TALYS-6a	0		19
Ar-40(n,n'2p)S-38	TALYS-6a	0	[8]	22
Ar-40(n,n'pa)P-35	TALYS-6a	0	[8]	24
Ar-40(n,g)Ar-41	JEF-2.2	4	[13]	4608
>Ar-40(n,p)Cl-40	TALYS-6a	2	[3,8]	50
Ar-40(n,d)Cl-39	TALYS-6a	0		40
Ar-40(n,t)Cl-38g	TALYS-6a	0		36
Ar-40(n,t)Cl-38m	TALYS-6a	0		35
Ar-40(n,h)S-38	TALYS-6a	0	[8]	30
Ar-40(n,a)S-37	TALYS-5	4	[3,8]	69
Ar-40(n,2a)Si-33	TALYS-6a	0	[8]	32
Ar-40(n,3a)Mg-29	TALYS-6a	0	[8]	16
Ar-40(n,2p)S-39	TALYS-6a	0	[8]	27
Ar-40(n,pa)P-36	TALYS-6a	0	[8]	28
Ar-40(n,t2a)Al-30	TALYS-6a	0	[8]	13
Ar-40(n,d2a)Al-31	TALYS-6a	0	[8]	13
Ar-40(n,pd)S-38	TALYS-6a	0		25
Ar-40(n,pt)S-37	TALYS-6a	0	[8]	23
Ar-40(n,da)P-35	TALYS-6a	0	[8]	26
Ar-40(n,5n)Ar-36	TALYS-6a	0		12
Ar-40(n,2nt)Cl-36	TALYS-6a	0		17
Ar-40(n,ta)P-34	TALYS-6a	0	[8]	24
Ar-40(n,4np)Cl-36	TALYS-6a	0		13
Ar-40(n,3nd)Cl-36	TALYS-6a	0		14
Ar-40(n,n'da)P-34	TALYS-6a	0		18
Ar-40(n,2npa)P-34	TALYS-6a	0	[8]	16
Ar-40(n,5np)Cl-35	TALYS-6a	0		8
Ar-40(n,4na)S-33	TALYS-6a	0	[8]	13
Ar-40(n,5na)S-32	TALYS-6a	0	[8]	8
Ar-40(n,4nd)Cl-35	TALYS-6a	0		9
Ar-40(n,3nt)Cl-35	TALYS-6a	0		12
Ar-40(n,2nh)S-36	TALYS-6a	0		18
Ar-40(n,3nh)S-35	TALYS-6a	0		12
Ar-40(n,4nh)S-34	TALYS-6a	0		9
Ar-40(n,3n2p)S-36	TALYS-6a	0	[8]	13
Ar-40(n,3n2a)Si-30	TALYS-6a	0	[8]	14
Ar-40(n,3npa)P-33	TALYS-6a	0	[8]	13
Ar-40(n,dt)S-36	TALYS-6a	0	[8]	20
Ar-40(n,n'pd)S-37	TALYS-6a	0	[8]	16
Ar-40(n,n'pt)S-36	TALYS-6a	0	[8]	18
Ar-40(n,n'dt)S-35	TALYS-6a	0	[8]	13
Ar-40(n,n'ph)P-36	TALYS-6a	0	[8]	11
Ar-40(n,n'dh)P-35	TALYS-6a	0	[8]	11
Ar-40(n,n'th)P-34	TALYS-6a	0	[8]	10
Ar-40(n,n'ta)P-33	TALYS-6a	0	[8]	18
Ar-40(n,2n2p)S-37	TALYS-6a	0	[8]	15
Ar-40(n,ph)P-37	TALYS-6a	0	[8]	14
Ar-40(n,ha)Si-34	TALYS-6a	0	[8]	18
Ar-40(n,4n2p)S-35	TALYS-6a	0		8
Ar-40(n,4n2a)Si-29	TALYS-6a	0	[8]	8
Ar-40(n,4npa)P-32	TALYS-6a	0	[8]	8
Ar-40(n,n'3p)P-37	TALYS-6a	0	[8]	11
Ar-41(n,2nd)Cl-38g	TALYS-6a	0		21
Ar-41(n,2nd)Cl-38m	TALYS-6a	0		21
Ar-41(n,2n)Ar-40	TALYS-6a	0		54
Ar-41(n,3n)Ar-39	TALYS-6a	0		30
Ar-41(n,n'a)S-37	TALYS-6a	0	[8]	42
Ar-41(n,n'3a)Mg-29	TALYS-6a	0	[8]	12
Ar-41(n,2na)S-36	TALYS-6a	0	[8]	34
Ar-41(n,3na)S-35	TALYS-6a	0	[8]	22
Ar-41(n,n'p)Cl-40	TALYS-6a	0		35
Ar-41(n,n'2a)Si-33	TALYS-6a	0	[8]	25
Ar-41(n,2n2a)Si-32	TALYS-6a	0	[8]	20
Ar-41(n,n'd)Cl-39	TALYS-6a	0		30
Ar-41(n,n't)Cl-38g	TALYS-6a	0		28
Ar-41(n,n't)Cl-38m	TALYS-6a	0		27
Ar-41(n,n'h)S-38	TALYS-6a	0	[8]	24
Ar-41(n,n'd2a)Al-31	TALYS-6a	0	[8]	10
Ar-41(n,n't2a)Al-30	TALYS-6a	0	[8]	9
Ar-41(n,4n)Ar-38	TALYS-6a	0		23
Ar-41(n,2np)Cl-39	TALYS-6a	0		27
Ar-41(n,3np)Cl-38g	TALYS-6a	0		19
Ar-41(n,3np)Cl-38m	TALYS-6a	0		18
Ar-41(n,n'2p)S-39	TALYS-6a	0		21
Ar-41(n,n'pa)P-36	TALYS-6a	0	[8]	21
Ar-41(n,g)Ar-42	MASGAM	2	[14,13]	83
Ar-41(n,p)Cl-41	TALYS-6a	0	[2,8]	59
Ar-41(n,d)Cl-40	TALYS-6a	0	[8]	39
Ar-41(n,t)Cl-39	TALYS-6a	0	[8]	40
Ar-41(n,h)S-39	TALYS-6a	0	[8]	28
Ar-41(n,a)S-38	TALYS-6a	0	[2,8]	79
Ar-41(n,2a)Si-34	TALYS-6a	0	[8]	34
Ar-41(n,2p)S-40	TALYS-6a	0		29
Ar-41(n,pa)P-37	TALYS-6a	0	[8]	27
Ar-41(n,pd)S-39	TALYS-6a	0	[8]	23
Ar-41(n,pt)S-38	TALYS-6a	0	[8]	25
Ar-41(n,da)P-36	TALYS-6a	0	[8]	24
Ar-41(n,5n)Ar-37	TALYS-6a	0		14
Ar-41(n,6n)Ar-36	TALYS-6a	0		9
Ar-41(n,2nt)Cl-37	TALYS-6a	0	[8]	21
Ar-41(n,ta)P-35	TALYS-6a	0	[8]	27
Ar-41(n,4np)Cl-37	TALYS-6a	0		15
Ar-41(n,3nd)Cl-37	TALYS-6a	0		16
Ar-41(n,n'da)P-35	TALYS-6a	0	[8]	20
Ar-41(n,2npa)P-35	TALYS-6a	0	[8]	18
Ar-41(n,5np)Cl-36	TALYS-6a	0		9
Ar-41(n,4na)S-34	TALYS-6a	0		16
Ar-41(n,5na)S-33	TALYS-6a	0		10
Ar-41(n,4nd)Cl-36	TALYS-6a	0		11
Ar-41(n,5nd)Cl-35	TALYS-6a	0		6

Reaction	Library	Flag [Refs]	Value
Ar-41(n,3nt)Cl-36	TALYS-6a	0	14
Ar-41(n,4nt)Cl-35	TALYS-6a	0	9
Ar-41(n,2nh)S-37	TALYS-6a	0 [8]	16
Ar-41(n,3nh)S-36	TALYS-6a	0	14
Ar-41(n,4nh)S-35	TALYS-6a	0	9
Ar-41(n,3n2p)S-37	TALYS-6a	0 [8]	12
Ar-41(n,3n2a)Si-31	TALYS-6a	0 [8]	14
Ar-41(n,3npa)P-34	TALYS-6a	0 [8]	13
Ar-41(n,dt)S-37	TALYS-6a	0 [8]	18
Ar-41(n,n'pd)S-38	TALYS-6a	0 [8]	18
Ar-41(n,n'pt)S-37	TALYS-6a	0 [8]	16
Ar-41(n,n'dt)S-36	TALYS-6a	0 [8]	15
Ar-41(n,n'ph)P-37	TALYS-6a	0 [8]	12
Ar-41(n,n'dh)P-36	TALYS-6a	0 [8]	9
Ar-41(n,n'th)P-35	TALYS-6a	0 [8]	11
Ar-41(n,n'ta)P-34	TALYS-6a	0 [8]	18
Ar-41(n,2n2p)S-38	TALYS-6a	0 [8]	16
Ar-41(n,4n2p)S-36	TALYS-6a	0	10
Ar-41(n,4n2a)Si-30	TALYS-6a	0 [8]	10
Ar-41(n,4npa)P-33	TALYS-6a	0 [8]	10
Ar-42(n,2nd)Cl-39	TALYS-6a	0	20
Ar-42(n,2n)Ar-41	TALYS-6a	0	42
Ar-42(n,3n)Ar-40	TALYS-6a	0	31
Ar-42(n,n'a)S-38	TALYS-6a	0	39
Ar-42(n,2na)S-37	TALYS-6a	0 [8]	27
Ar-42(n,3na)S-36	TALYS-6a	0 [8]	23
Ar-42(n,n'p)Cl-41	TALYS-6a	0	32
Ar-42(n,n'2a)Si-34	TALYS-6a	0 [8]	23
Ar-42(n,2n2a)Si-33	TALYS-6a	0 [8]	16
Ar-42(n,n'd)Cl-40	TALYS-6a	0	26
Ar-42(n,n't)Cl-39	TALYS-6a	0	26
Ar-42(n,n'h)S-39	TALYS-6a	0 [8]	19
Ar-42(n,4n)Ar-39	TALYS-6a	0	20
Ar-42(n,2np)Cl-40	TALYS-6a	0	24
Ar-42(n,3np)Cl-39	TALYS-6a	0	18
Ar-42(n,n'2p)S-40	TALYS-6a	0 [8]	19
Ar-42(n,n'pa)P-37	TALYS-6a	0 [8]	18
Ar-42(n,g)Ar-43	NGAMMA	0 [14,13]	83
Ar-42(n,p)Cl-42	TALYS-6a	0 [2,8]	43
Ar-42(n,d)Cl-41	TALYS-6a	0 [8]	36
Ar-42(n,t)Cl-40	TALYS-6a	0	33
Ar-42(n,h)S-40	TALYS-6a	0 [8]	27
Ar-42(n,a)S-39	TALYS-6a	0 [2,8]	53
Ar-42(n,2a)Si-35	TALYS-6a	0 [8]	24
Ar-42(n,2p)S-41	TALYS-6a	0 [8]	23
Ar-42(n,pa)P-38	TALYS-6a	0 [8]	21
Ar-42(n,pd)S-40	TALYS-6a	0 [8]	21
Ar-42(n,pt)S-39	TALYS-6a	0 [8]	19
Ar-42(n,da)P-37	TALYS-6a	0 [8]	20
Ar-42(n,5n)Ar-38	TALYS-6a	0	15
Ar-42(n,6n)Ar-37	TALYS-6a	0	9
Ar-42(n,2nt)Cl-38g	TALYS-6a	0	18
Ar-42(n,2nt)Cl-38m	TALYS-6a	0	17
Ar-42(n,ta)P-36	TALYS-6a	0 [8]	20
Ar-42(n,4np)Cl-38g	TALYS-6a	0	13
Ar-42(n,4np)Cl-38m	TALYS-6a	0	13
Ar-42(n,3nd)Cl-38g	TALYS-6a	0	14
Ar-42(n,3nd)Cl-38m	TALYS-6a	0	14
Ar-42(n,n'da)P-36	TALYS-6a	0 [8]	15
Ar-42(n,2npa)P-36	TALYS-6a	0 [8]	14
Ar-42(n,5np)Cl-37	TALYS-6a	0	10
Ar-42(n,4na)S-35	TALYS-6a	0 [8]	14
Ar-42(n,5na)S-34	TALYS-6a	0	11
Ar-42(n,4nd)Cl-37	TALYS-6a	0	11
Ar-42(n,5nd)Cl-36	TALYS-6a	0	6
Ar-42(n,3nt)Cl-37	TALYS-6a	0	14
Ar-42(n,4nt)Cl-36	TALYS-6a	0	9
Ar-42(n,2nh)S-38	TALYS-6a	0 [8]	15
Ar-42(n,3nh)S-37	TALYS-6a	0	12
Ar-42(n,4nh)S-36	TALYS-6a	0 [8]	9
Ar-42(n,3n2p)S-38	TALYS-6a	0	12
Ar-42(n,3n2a)Si-32	TALYS-6a	0 [8]	13
Ar-42(n,3npa)P-35	TALYS-6a	0 [8]	12
Ar-42(n,dt)S-38	TALYS-6a	0 [8]	17
Ar-42(n,n'pd)S-39	TALYS-6a	0	15
Ar-42(n,n'pt)S-38	TALYS-6a	0	16
Ar-42(n,n'dt)S-37	TALYS-6a	0	15
Ar-42(n,n'ta)P-35	TALYS-6a	0 [8]	17
Ar-42(n,2n2p)S-39	TALYS-6a	0	15
Ar-42(n,4n2p)S-37	TALYS-6a	0	8
Ar-42(n,4n2a)Si-31	TALYS-6a	0 [8]	9
Ar-42(n,4npa)P-34	TALYS-6a	0 [8]	8
K-39(n,2nd)Ar-36	TALYS-6a	0	21
K-39(n,2n)K-38g	TALYS-5	6 [15]	35
K-39(n,2n)K-38m	TALYS-5	4	34
K-39(n,3n)K-37	TALYS-6a	0	21
>K-39(n,n'a)Cl-35	TALYS-6a	4 [3,8]	45
K-39(n,n'3a)Al-27	TALYS-6a	0 [8]	16
K-39(n,2na)Cl-34g	TALYS-6a	0	25
K-39(n,2na)Cl-34m	TALYS-6a	0	25
K-39(n,3na)Cl-33	TALYS-6a	0	15
K-39(n,n'p)Ar-38	TALYS-6a	0 [8]	52
K-39(n,n'2a)P-31	TALYS-6a	0 [8]	29
K-39(n,2n2a)P-30	TALYS-6a	0 [8]	16
K-39(n,n'd)Ar-37	TALYS-6a	0	30
K-39(n,n't)Ar-36	TALYS-6a	0	27
K-39(n,n'h)Cl-36	TALYS-6a	0 [8]	26
K-39(n,n'd2a)Si-29	TALYS-6a	0 [8]	14
K-39(n,n't2a)Si-28	TALYS-6a	0 [8]	12
K-39(n,4n)K-36	TALYS-6a	0	11
K-39(n,2np)Ar-37	TALYS-6a	0	28
K-39(n,3np)Ar-36	TALYS-6a	0	19
K-39(n,n'2p)Cl-37	TALYS-6a	0	29
K-39(n,n'pa)S-34	TALYS-6a	0 [8]	31
K-39(n,g)K-40	JENDL-3.1	4 [14,13]	2750
K-39(n,p)Ar-39	TALYS-5	2 [3]	100
K-39(n,d)Ar-38	TALYS-6a	0 [8]	63
K-39(n,t)Ar-37	TALYS-5a	2 [8]	41
K-39(n,h)Cl-37	TALYS-6a	0 [8]	42
K-39(n,a)Cl-36	TALYS-5	4 [9,3]	5666
K-39(n,2a)P-32	TALYS-5	5 [8]	43
K-39(n,3a)Al-28	TALYS-6a	0 [8]	23
K-39(n,2p)Cl-38g	TALYS-6a	0	39
K-39(n,2p)Cl-38m	TALYS-6a	0	37
K-39(n,pa)S-35	TALYS-6a	0	45
K-39(n,t2a)Si-29	TALYS-6a	0 [8]	17
K-39(n,d2a)Si-30	TALYS-6a	0 [8]	22
K-39(n,pd)Cl-37	TALYS-6a	0 [8]	31
K-39(n,pt)Cl-36	TALYS-6a	0 [8]	27
K-39(n,da)S-34	TALYS-6a	0 [8]	35
K-39(n,2nt)Ar-35	TALYS-6a	0	14
K-39(n,ta)S-33	TALYS-6a	0 [8]	28
K-39(n,4np)Ar-35	TALYS-6a	0	10
K-39(n,3nd)Ar-35	TALYS-6a	0	11
K-39(n,n'da)S-33	TALYS-6a	0 [8]	21
K-39(n,2npa)S-33	TALYS-6a	0 [8]	19
K-39(n,2nh)Cl-35	TALYS-6a	0	18
K-39(n,3nh)Cl-34g	TALYS-6a	0	10
K-39(n,3nh)Cl-34m	TALYS-6a	0	11
K-39(n,3n2p)Cl-35	TALYS-6a	0	13
K-39(n,3n2a)P-29	TALYS-6a	0 [8]	10
K-39(n,3npa)S-32	TALYS-6a	0 [8]	13
K-39(n,dt)Cl-35	TALYS-6a	0 [8]	20
K-39(n,n'pd)Cl-36	TALYS-6a	0	21
K-39(n,n'pt)Cl-35	TALYS-6a	0 [8]	18
K-39(n,n'dt)Cl-34g	TALYS-6a	0	12
K-39(n,n'dt)Cl-34m	TALYS-6a	0	12
K-39(n,n'ph)S-35	TALYS-6a	0 [8]	17
K-39(n,n'dh)S-34	TALYS-6a	0 [8]	14
K-39(n,n'th)S-33	TALYS-6a	0 [8]	11
K-39(n,n'ta)S-32	TALYS-6a	0 [8]	19
K-39(n,2n2p)Cl-36	TALYS-6a	0	19
K-39(n,ph)S-36	TALYS-6a	0 [8]	27
K-39(n,dh)S-35	TALYS-6a	0 [8]	19
K-39(n,ha)P-33	TALYS-6a	0 [8]	26
K-39(n,4n2p)Cl-34g	TALYS-6a	0	7
K-39(n,4n2p)Cl-34m	TALYS-6a	0	7
K-39(n,3p)S-37	TALYS-6a	0 [8]	24
K-39(n,n'3p)S-36	TALYS-6a	0 [8]	19
K-39(n,3n2pa)P-31	TALYS-6a	0 [8]	8
K-40(n,2nd)Ar-37	TALYS-6a	0	22
K-40(n,2n)K-39	TALYS-6a	0	46
K-40(n,3n)K-38g	TALYS-6a	0	25
K-40(n,3n)K-38m	TALYS-6a	0	25
K-40(n,n'a)Cl-36	TALYS-6a	0 [8]	49
K-40(n,n'3a)Al-28	TALYS-6a	0 [8]	15
K-40(n,2na)Cl-35	TALYS-6a	0 [8]	30
K-40(n,3na)Cl-34g	TALYS-6a	0	17
K-40(n,3na)Cl-34m	TALYS-6a	0	17
K-40(n,n'p)Ar-39	TALYS-6a	0 [8]	46
K-40(n,n'2a)P-32	TALYS-6a	0 [8]	29
K-40(n,2n2a)P-31	TALYS-6a	0 [8]	20
K-40(n,n'd)Ar-38	TALYS-6a	0	37
K-40(n,n't)Ar-37	TALYS-6a	0 [8]	28
K-40(n,n'h)Cl-37	TALYS-6a	0 [8]	28
K-40(n,n'd2a)Si-30	TALYS-6a	0 [8]	15
K-40(n,n't2a)Si-29	TALYS-6a	0 [8]	13
K-40(n,4n)K-37	TALYS-6a	0	15
K-40(n,2np)Ar-38	TALYS-6a	0	32
K-40(n,3np)Ar-37	TALYS-6a	0	20
K-40(n,n'2p)Cl-38g	TALYS-6a	0	27
K-40(n,n'2p)Cl-38m	TALYS-6a	0	26
K-40(n,n'pa)S-35	TALYS-6a	0	30
K-40(n,g)K-41	MASGAM	2 [14,14,13,12]	107
K-40(n,p)Ar-40	TALYS-6	2	100
K-40(n,d)Ar-39	TALYS-6a	0 [8]	56
K-40(n,t)Ar-38	TALYS-6a	0 [8]	55
K-40(n,h)Cl-38g	TALYS-6a	0	38
K-40(n,h)Cl-38m	TALYS-6a	0	37
K-40(n,a)Cl-37	JENDL-3.2/A	2 [13,10,12,4]	54
K-40(n,2a)P-33	TALYS-6a	0 [8]	51
K-40(n,3a)Al-29	TALYS-6a	0 [8]	24
K-40(n,2p)Cl-39	TALYS-6a	0 [8]	39
K-40(n,pa)S-36	TALYS-6a	0 [8]	55
K-40(n,t2a)Si-30	TALYS-6a	0 [8]	20
K-40(n,d2a)Si-31	TALYS-6a	0 [8]	20
K-40(n,pd)Cl-38g	TALYS-6a	0	29
K-40(n,pd)Cl-38m	TALYS-6a	0	28
K-40(n,pt)Cl-37	TALYS-6a	0 [8]	29
K-40(n,da)S-35	TALYS-6a	0 [8]	33
K-40(n,2nt)Ar-36	TALYS-6a	0 [8]	19
K-40(n,ta)S-34	TALYS-6a	0 [8]	31
K-40(n,4np)Ar-36	TALYS-6a	0	14
K-40(n,3nd)Ar-36	TALYS-6a	0	15
K-40(n,n'da)S-34	TALYS-6a	0 [8]	25
K-40(n,2npa)S-34	TALYS-6a	0 [8]	23
K-40(n,4na)Cl-33	TALYS-6a	0	11
K-40(n,3nt)Ar-35	TALYS-6a	0	10
K-40(n,2nh)Cl-36	TALYS-6a	0 [8]	18
K-40(n,3nh)Cl-35	TALYS-6a	0	13
K-40(n,4nh)Cl-34g	TALYS-6a	0	6
K-40(n,4nh)Cl-34m	TALYS-6a	0	6
K-40(n,3n2p)Cl-36	TALYS-6a	0	14
K-40(n,3n2a)P-30	TALYS-6a	0	12
K-40(n,3npa)S-33	TALYS-6a	0 [8]	14
K-40(n,dt)Cl-36	TALYS-6a	0 [8]	21
K-40(n,n'pd)Cl-37	TALYS-6a	0 [8]	23
K-40(n,n'pt)Cl-36	TALYS-6a	0 [8]	19
K-40(n,n'dt)Cl-35	TALYS-6a	0 [8]	14
K-40(n,n'ph)S-36	TALYS-6a	0 [8]	19
K-40(n,n'dh)S-35	TALYS-6a	0 [8]	14
K-40(n,n'th)S-34	TALYS-6a	0 [8]	13
K-40(n,n'ta)S-33	TALYS-6a	0 [8]	19
K-40(n,2n2p)Cl-37	TALYS-6a	0	21
K-40(n,ph)S-37	TALYS-6a	0 [8]	23
K-40(n,dh)S-36	TALYS-6a	0 [8]	21
K-40(n,ha)P-34	TALYS-6a	0 [8]	24
K-40(n,4n2p)Cl-35	TALYS-6a	0	9

Reaction	Library	Flag		N		Reaction	Library	Flag		N
K-40(n,4npa)S-32	TALYS-6a	0	[8]	9		K-42(n,t2a)Si-32	TALYS-6a	0	[8]	17
K-40(n,3p)S-38	TALYS-6a	0	[8]	23		K-42(n,d2a)Si-33	TALYS-6a	0	[8]	16
K-40(n,n'3p)S-37	TALYS-6a	0	[8]	16		K-42(n,pd)Cl-40	TALYS-6a	0	[8]	25
K-40(n,3n2pa)P-32	TALYS-6a	0	[8]	8		K-42(n,pt)Cl-39	TALYS-6a	0	[8]	26
K-41(n,2nd)Ar-38	TALYS-6a	0		24		K-42(n,da)S-37	TALYS-6a	0	[8]	28
K-41(n,2n)K-40	TALYS-6a	0		41		K-42(n,5n)K-38g	TALYS-6a	0		12
K-41(n,3n)K-39	TALYS-6a	0		28		K-42(n,5n)K-38m	TALYS-6a	0		12
K-41(n,n'a)Cl-37	TALYS-6a	0	[8]	50		K-42(n,2nt)Ar-38	TALYS-6a	0	[8]	22
K-41(n,n'3a)Al-29	TALYS-6a	0	[8]	15		K-42(n,ta)S-36	TALYS-6a	0	[8]	31
K-41(n,2na)Cl-36	TALYS-6a	0	[8]	29		K-42(n,4np)Ar-38	TALYS-6a	0		15
K-41(n,3na)Cl-35	TALYS-6a	0	[8]	20		K-42(n,3nd)Ar-38	TALYS-6a	0		16
K-41(n,n'p)Ar-40	TALYS-6a	0		45		K-42(n,n'da)S-36	TALYS-6a	0	[8]	24
K-41(n,n'2a)P-33	TALYS-6a	0	[8]	29		K-42(n,2npa)S-36	TALYS-6a	0	[8]	22
K-41(n,2n2a)P-32	TALYS-6a	0	[8]	18		K-42(n,5np)Ar-37	TALYS-6a	0		9
K-41(n,n'd)Ar-39	TALYS-6a	0	[8]	30		K-42(n,4na)Cl-35	TALYS-6a	0	[8]	14
K-41(n,n't)Ar-38	TALYS-6a	0		30		K-42(n,5na)Cl-34g	TALYS-6a	0		8
K-41(n,n'h)Cl-38g	TALYS-6a	0		24		K-42(n,5na)Cl-34m	TALYS-6a	0		7
K-41(n,n'h)Cl-38m	TALYS-6a	0		24		K-42(n,4nd)Ar-37	TALYS-6a	0		10
K-41(n,n'd2a)Si-31	TALYS-6a	0	[8]	13		K-42(n,5nd)Ar-36	TALYS-6a	0		6
K-41(n,n't2a)Si-30	TALYS-6a	0	[8]	13		K-42(n,3nt)Ar-37	TALYS-6a	0		13
K-41(n,4n)K-38g	TALYS-6a	0		16		K-42(n,4nt)Ar-36	TALYS-6a	0		9
K-41(n,4n)K-38m	TALYS-6a	0		16		K-42(n,2nh)Cl-38g	TALYS-6a	0		17
K-41(n,2np)Ar-39	TALYS-6a	0		28		K-42(n,2nh)Cl-38m	TALYS-6a	0		16
K-41(n,3np)Ar-38	TALYS-6a	0		22		K-42(n,3nh)Cl-37	TALYS-6a	0		14
K-41(n,n'2p)Cl-39	TALYS-6a	0	[8]	25		K-42(n,4nh)Cl-36	TALYS-6a	0		9
K-41(n,n'pa)S-36	TALYS-6a	0		30		K-42(n,3n2p)Cl-38g	TALYS-6a	0		13
K-41(n,g)K-42	JENDL-3.1	6	[14,13]	2377		K-42(n,3n2p)Cl-38m	TALYS-6a	0		13
K-41(n,p)Ar-41	JENDL-3.2/A	6	[13]	44		K-42(n,3n2a)P-32	TALYS-6a	0	[8]	13
K-41(n,d)Ar-40	TALYS-6a	0	[8]	55		K-42(n,3npa)S-35	TALYS-6a	0	[8]	14
K-41(n,t)Ar-39	TALYS-6a	0	[8]	42		K-42(n,dt)Cl-38g	TALYS-6a	0		19
K-41(n,h)Cl-39	TALYS-6a	5	[8]	34		K-42(n,dt)Cl-38m	TALYS-6a	0		19
K-41(n,a)Cl-38g	ADL-3	2	[13]	45		K-42(n,n'pd)Cl-39	TALYS-6a	0	[8]	19
K-41(n,a)Cl-38m	ADL-3	2	[13]	45		K-42(n,n'pt)Cl-38g	TALYS-6a	0		17
K-41(n,2a)P-34	TALYS-6a	0	[8]	39		K-42(n,n'pt)Cl-38m	TALYS-6a	0		17
K-41(n,3a)Al-30	TALYS-6a	0	[8]	19		K-42(n,n'dt)Cl-37	TALYS-6a	0		15
K-41(n,2p)Cl-40	ADL-3	1	[13]	34		K-42(n,n'ph)S-38	TALYS-6a	0	[8]	15
K-41(n,pa)S-37	TALYS-6a	0		37		K-42(n,n'dh)S-37	TALYS-6a	0	[8]	12
K-41(n,t2a)Si-31	TALYS-6a	0	[8]	16		K-42(n,n'th)S-36	TALYS-6a	0	[8]	13
K-41(n,d2a)Si-32	TALYS-6a	0	[8]	19		K-42(n,n'ta)S-35	TALYS-6a	0	[8]	20
K-41(n,pd)Cl-39	TALYS-6a	0	[8]	27		K-42(n,2n2p)Cl-39	TALYS-6a	0	[8]	17
K-41(n,pt)Cl-38g	TALYS-6a	0		25		K-42(n,4n2p)Cl-37	TALYS-6a	0		10
K-41(n,pt)Cl-38m	TALYS-6a	0		24		K-42(n,4n2a)P-31	TALYS-6a	0	[8]	9
K-41(n,da)S-36	TALYS-6a	0	[8]	33		K-42(n,4npa)S-34	TALYS-6a	0	[8]	11
K-41(n,5n)K-37	TALYS-6a	0		9		K-42(n,n'3p)S-39	TALYS-6a	0	[8]	13
K-41(n,2nt)Ar-37	TALYS-6a	0		18		K-43(n,2nd)Ar-40	TALYS-6a	0		23
K-41(n,ta)S-35	TALYS-6a	0	[8]	28		K-43(n,2n)K-42	TALYS-6a	0		42
K-41(n,4np)Ar-37	TALYS-6a	0		13		K-43(n,3n)K-41	TALYS-6a	0		29
K-41(n,3nd)Ar-37	TALYS-6a	0		14		K-43(n,n'a)Cl-39	TALYS-6a	0	[8]	41
K-41(n,n'da)S-35	TALYS-6a	0	[8]	22		K-43(n,n'3a)Al-31	TALYS-6a	0	[8]	12
K-41(n,2npa)S-35	TALYS-6a	0	[8]	20		K-43(n,2na)Cl-38g	TALYS-6a	0		28
K-41(n,5np)Ar-36	TALYS-6a	0		8		K-43(n,2na)Cl-38m	TALYS-6a	0		27
K-41(n,4na)Cl-34g	TALYS-6a	0		11		K-43(n,3na)Cl-37	TALYS-6a	0	[8]	22
K-41(n,4na)Cl-34m	TALYS-6a	0		11		K-43(n,n'p)Ar-42	TALYS-6a	0		42
K-41(n,4nd)Ar-36	TALYS-6a	0		10		K-43(n,n'2a)P-35	TALYS-6a	0	[8]	26
K-41(n,3nt)Ar-36	TALYS-6a	0		13		K-43(n,2n2a)P-34	TALYS-6a	0	[8]	17
K-41(n,2nh)Cl-37	TALYS-6a	0	[8]	18		K-43(n,n'd)Ar-41	TALYS-6a	0		29
K-41(n,3nh)Cl-36	TALYS-6a	0		12		K-43(n,n't)Ar-40	TALYS-6a	0	[8]	29
K-41(n,4nh)Cl-35	TALYS-6a	0		8		K-43(n,n'h)Cl-40	TALYS-6a	0	[8]	21
K-41(n,3n2p)Cl-37	TALYS-6a	0		14		K-43(n,n'd2a)Si-33	TALYS-6a	0	[8]	11
K-41(n,3n2a)P-31	TALYS-6a	0	[8]	13		K-43(n,n't2a)Si-32	TALYS-6a	0	[8]	12
K-41(n,3npa)S-34	TALYS-6a	0	[8]	14		K-43(n,4n)K-40	TALYS-6a	0		19
K-41(n,dt)Cl-37	TALYS-6a	0	[8]	21		K-43(n,2np)Ar-41	TALYS-6a	0		27
K-41(n,n'pd)Cl-38g	TALYS-6a	0		19		K-43(n,3np)Ar-40	TALYS-6a	0		21
K-41(n,n'pd)Cl-38m	TALYS-6a	0		18		K-43(n,n'2p)Cl-41	TALYS-6a	0	[8]	21
K-41(n,n'pt)Cl-37	TALYS-6a	0	[8]	19		K-43(n,n'pa)S-38	TALYS-6a	0	[8]	24
K-41(n,n'dt)Cl-36	TALYS-6a	0	[8]	13		K-43(n,g)K-44	MASGAM	0	[14,13]	83
K-41(n,n'ph)S-37	TALYS-6a	0	[8]	15		K-43(n,p)Ar-43	TALYS-6a	2	[2,8]	65
K-41(n,n'dh)S-36	TALYS-6a	0	[8]	13		K-43(n,d)Ar-42	TALYS-6a	0	[8]	47
K-41(n,n'th)S-35	TALYS-6a	0	[8]	12		K-43(n,t)Ar-41	TALYS-6a	0		40
K-41(n,n'ta)S-34	TALYS-6a	0	[8]	21		K-43(n,h)Cl-41	TALYS-6a	0	[8]	29
K-41(n,2n2p)Cl-38g	TALYS-6a	0		17		K-43(n,a)Cl-40	TALYS-6a	0	[2,8]	64
K-41(n,2n2p)Cl-38m	TALYS-6a	0		16		K-43(n,2a)P-36	TALYS-6a	0	[8]	29
K-41(n,ph)S-38	TALYS-6a	0	[8]	21		K-43(n,2p)Cl-42	TALYS-6a	0	[8]	27
K-41(n,ha)P-35	TALYS-6a	0	[8]	22		K-43(n,pa)S-39	TALYS-6a	0	[8]	29
K-41(n,4n2p)Cl-36	TALYS-6a	0		9		K-43(n,pd)Cl-41	TALYS-6a	0	[8]	23
K-41(n,4npa)S-33	TALYS-6a	0	[8]	9		K-43(n,pt)Cl-40	TALYS-6a	0	[8]	22
K-41(n,n'3p)S-38	TALYS-6a	0	[8]	15		K-43(n,da)S-38	TALYS-6a	0	[8]	27
K-41(n,3n2pa)P-33	TALYS-6a	0	[8]	8		K-43(n,5n)K-39	TALYS-6a	0		14
K-42(n,2nd)Ar-39	TALYS-6a	0		23		K-43(n,6n)K-38g	TALYS-6a	0		7
K-42(n,2n)K-41	TALYS-6a	0		47		K-43(n,6n)K-38m	TALYS-6a	0		7
K-42(n,3n)K-40	TALYS-6a	0		28		K-43(n,2nt)Ar-39	TALYS-6a	0	[8]	19
K-42(n,n'a)Cl-38g	TALYS-6a	0		44		K-43(n,ta)S-37	TALYS-6a	0	[8]	25
K-42(n,n'a)Cl-38m	TALYS-6a	0		43		K-43(n,4np)Ar-39	TALYS-6a	0		14
K-42(n,n'3a)Al-30	TALYS-6a	0	[8]	14		K-43(n,3nd)Ar-39	TALYS-6a	0		15
K-42(n,2na)Cl-37	TALYS-6a	0	[8]	32		K-43(n,n'da)S-37	TALYS-6a	0	[8]	18
K-42(n,3na)Cl-36	TALYS-6a	0	[8]	21		K-43(n,2npa)S-37	TALYS-6a	0	[8]	16
K-42(n,n'p)Ar-41	TALYS-6a	0	[8]	42		K-43(n,5np)Ar-38	TALYS-6a	0		10
K-42(n,n'2a)P-34	TALYS-6a	0	[8]	27		K-43(n,4na)Cl-36	TALYS-6a	0		14
K-42(n,2n2a)P-33	TALYS-6a	0	[8]	21		K-43(n,5na)Cl-35	TALYS-6a	0	[8]	9
K-42(n,n'd)Ar-40	TALYS-6a	0	[8]	34		K-43(n,4nd)Ar-38	TALYS-6a	0		11
K-42(n,n't)Ar-39	TALYS-6a	0		29		K-43(n,5nd)Ar-37	TALYS-6a	0		5
K-42(n,n'h)Cl-39	TALYS-6a	0	[8]	25		K-43(n,3nt)Ar-38	TALYS-6a	0	[8]	14
K-42(n,n'd2a)Si-32	TALYS-6a	0	[8]	14		K-43(n,4nt)Ar-37	TALYS-6a	0	[8]	8
K-42(n,n't2a)Si-31	TALYS-6a	0	[8]	12		K-43(n,2nh)Cl-39	TALYS-6a	0		16
K-42(n,4n)K-39	TALYS-6a	0		20		K-43(n,3nh)Cl-38g	TALYS-6a	0		12
K-42(n,2np)Ar-40	TALYS-6a	0		31		K-43(n,3nh)Cl-38m	TALYS-6a	0		11
K-42(n,3np)Ar-39	TALYS-6a	0		21		K-43(n,4nh)Cl-37	TALYS-6a	0		9
K-42(n,n'2p)Cl-40	TALYS-6a	0	[8]	23		K-43(n,3n2p)Cl-39	TALYS-6a	0		12
K-42(n,n'pa)S-37	TALYS-6a	0	[8]	26		K-43(n,3n2a)P-33	TALYS-6a	0	[8]	14
K-42(n,g)K-43	MASGAM	0	[14,13]	83		K-43(n,3npa)S-36	TALYS-6a	0	[8]	14
K-42(n,p)Ar-42	TALYS-6a	0	[2]	100		K-43(n,dt)Cl-39	TALYS-6a	0	[8]	18
K-42(n,d)Ar-41	TALYS-6a	0	[8]	48		K-43(n,n'pd)Cl-40	TALYS-6a	0		16
K-42(n,t)Ar-40	TALYS-6a	0	[8]	49		K-43(n,n'pt)Cl-39	TALYS-6a	0	[8]	16
K-42(n,h)Cl-40	TALYS-6a	0	[8]	31		K-43(n,n'dt)Cl-38g	TALYS-6a	0		13
K-42(n,a)Cl-39	TALYS-6a	0	[2]	100		K-43(n,n'dt)Cl-38m	TALYS-6a	0		13
K-42(n,2a)P-35	TALYS-6a	0	[8]	41		K-43(n,n'ph)S-39	TALYS-6a	0	[8]	13
K-42(n,3a)Al-31	TALYS-6a	0	[8]	18		K-43(n,n'dh)S-38	TALYS-6a	0	[8]	11
K-42(n,2p)Cl-41	TALYS-6a	0	[8]	31		K-43(n,n'th)S-37	TALYS-6a	0	[8]	10
K-42(n,pa)S-38	TALYS-6a	0	[8]	38		K-43(n,n'ta)S-36	TALYS-6a	0	[8]	20

Reaction	Library	Flag	Refs	Value
K-43(n,2n2p)Cl-40	TALYS-6a	0		15
K-43(n,ha)P-37	TALYS-6a	0	[8]	15
K-43(n,4n2p)Cl-38g	TALYS-6a	0		8
K-43(n,4n2p)Cl-38m	TALYS-6a	0		8
K-43(n,4n2a)P-32	TALYS-6a	0	[8]	8
K-43(n,4npa)S-35	TALYS-6a	0	[8]	9
Ca-40(n,2nd)K-37	TALYS-6a	0		15
Ca-40(n,2n)Ca-39	MENDL-2	4	[8,5,7,8,12]	41
Ca-40(n,3n)Ca-38	TALYS-6a	0		17
Ca-40(n,n'a)Ar-36	JENDL-3.1	2	[13,3,8]	39
Ca-40(n,n'3a)Si-28	TALYS-6a	0	[8]	18
Ca-40(n,2na)Ar-35	TALYS-6a	0	[8]	23
Ca-40(n,3na)Ar-34	TALYS-6a	0	[8]	13
Ca-40(n,n'p)K-39	TALYS-6a	0		44
Ca-40(n,n'2a)S-32	TALYS-6a	0	[8]	29
Ca-40(n,2n2a)S-31	TALYS-6a	0	[8]	15
Ca-40(n,n'd)K-38g	TALYS-6a	0		27
Ca-40(n,n'd)K-38m	TALYS-6a	0		27
Ca-40(n,n't)K-37	TALYS-6a	0		21
Ca-40(n,n'h)Ar-37	TALYS-6a	0	[8]	26
Ca-40(n,n'd2a)P-30	TALYS-6a	0	[8]	12
Ca-40(n,2np)K-38g	TALYS-6a	0		25
Ca-40(n,2np)K-38m	TALYS-6a	0		24
Ca-40(n,3np)K-37	TALYS-6a	0		14
Ca-40(n,n'2p)Ar-38	TALYS-6a	0		31
Ca-40(n,n'pa)Cl-35	TALYS-6a	0	[8]	29
Ca-40(n,g)Ca-41	JENDL-3.1	4	[14,13]	4054
Ca-40(n,p)K-40	TALYS-5	2	[8]	82
Ca-40(n,d)K-39	TALYS-6a	0	[8]	53
Ca-40(n,t)K-38g	TALYS-5a	5		34
Ca-40(n,t)K-38m	TALYS-5a	0		34
Ca-40(n,h)Ar-38	TALYS-6a	5	[8]	46
Ca-40(n,a)Ar-37	ADL-3	4	[9,13,3]	6258
Ca-40(n,2a)S-33	TALYS-6a	0	[8]	45
Ca-40(n,3a)Si-29	TALYS-6a	0	[8]	27
Ca-40(n,2p)Ar-39	TALYS-6a	0	[8]	44
Ca-40(n,pa)Cl-36	TALYS-6a	0	[8]	44
Ca-40(n,t2a)P-30	TALYS-6a	0	[8]	15
Ca-40(n,d2a)P-31	TALYS-6a	0	[8]	20
Ca-40(n,pd)Ar-38	TALYS-6a	0	[8]	35
Ca-40(n,pt)Ar-37	TALYS-6a	0	[8]	27
Ca-40(n,da)Cl-35	TALYS-6a	0	[8]	31
Ca-40(n,2nt)K-36	TALYS-6a	0		11
Ca-40(n,ta)Cl-34g	TALYS-6a	0		24
Ca-40(n,ta)Cl-34m	TALYS-6a	0		24
Ca-40(n,n'da)Cl-34g	TALYS-6a	0		17
Ca-40(n,n'da)Cl-34m	TALYS-6a	0		17
Ca-40(n,2npa)Cl-34g	TALYS-6a	0		16
Ca-40(n,2npa)Cl-34m	TALYS-6a	0		16
Ca-40(n,2nh)Ar-36	TALYS-6a	0		18
Ca-40(n,3nh)Ar-35	TALYS-6a	0	[8]	9
Ca-40(n,3n2p)Ar-36	TALYS-6a	0		13
Ca-40(n,3npa)Cl-33	TALYS-6a	0	[8]	10
Ca-40(n,dt)Ar-36	TALYS-6a	0	[8]	20
Ca-40(n,n'pd)Ar-37	TALYS-6a	0	[8]	21
Ca-40(n,n'pt)Ar-36	TALYS-6a	0	[8]	18
Ca-40(n,n'dt)Ar-35	TALYS-6a	0	[8]	10
Ca-40(n,n'ph)Cl-36	TALYS-6a	0	[8]	17
Ca-40(n,n'dh)Cl-35	TALYS-6a	0	[8]	13
Ca-40(n,n'th)Cl-34g	TALYS-6a	0		9
Ca-40(n,n'th)Cl-34m	TALYS-6a	0		9
Ca-40(n,n'ta)Cl-33	TALYS-6a	0		14
Ca-40(n,2n2p)Ar-37	TALYS-6a	0		19
Ca-40(n,ph)Cl-37	TALYS-6a	0	[8]	27
Ca-40(n,dh)Cl-36	TALYS-6a	0	[8]	18
Ca-40(n,ha)S-34	TALYS-6a	0	[8]	29
Ca-40(n,3p)Cl-38g	TALYS-6a	0		25
Ca-40(n,3p)Cl-38m	TALYS-6a	0		25
Ca-40(n,n'3p)Cl-37	TALYS-6a	0	[8]	19
Ca-40(n,3n2pa)S-32	TALYS-6a	0	[8]	8
Ca-41(n,2nd)K-38g	TALYS-6a	0		18
Ca-41(n,2nd)K-38m	TALYS-6a	0		18
Ca-41(n,2n)Ca-40	TALYS-6a	0		44
Ca-41(n,3n)Ca-39	TALYS-6a	0		22
Ca-41(n,n'a)Ar-37	TALYS-6a	0	[8]	47
Ca-41(n,n'3a)Si-29	TALYS-6a	0	[8]	18
Ca-41(n,2na)Ar-36	TALYS-6a	0	[8]	30
Ca-41(n,3na)Ar-35	TALYS-6a	0	[8]	15
Ca-41(n,n'p)K-40	TALYS-6a	0		43
Ca-41(n,n'2a)S-33	TALYS-6a	0	[8]	30
Ca-41(n,2n2a)S-32	TALYS-6a	0	[8]	20
Ca-41(n,n'd)K-39	TALYS-6a	0	[8]	31
Ca-41(n,n't)K-38g	TALYS-6a	0		24
Ca-41(n,n't)K-38m	TALYS-6a	0		24
Ca-41(n,n'h)Ar-38	TALYS-6a	0	[8]	30
Ca-41(n,n'd2a)P-31	TALYS-6a	0	[8]	14
Ca-41(n,n't2a)P-30	TALYS-6a	0	[8]	10
Ca-41(n,4n)Ca-38	TALYS-6a	0		12
Ca-41(n,2np)K-39	TALYS-6a	0		29
Ca-41(n,3np)K-38g	TALYS-6a	0		16
Ca-41(n,3np)K-38m	TALYS-6a	0		16
Ca-41(n,n'2p)Ar-39	TALYS-6a	0	[8]	29
Ca-41(n,n'pa)Cl-36	TALYS-6a	0	[8]	29
Ca-41(n,g)Ca-42	MASGAM	2	[14,14,13]	83
Ca-41(n,p)K-41	ADL-3	2	[14,13,10,9,11]	64
Ca-41(n,d)K-40	TALYS-6a	0	[8]	50
Ca-41(n,t)K-39	TALYS-6a	0	[8]	44
Ca-41(n,h)Ar-39	TALYS-6a	0	[8]	42
Ca-41(n,a)Ar-38	ADL-3	2	[13,11]	64
Ca-41(n,2a)S-34	TALYS-6a	0	[8]	61
Ca-41(n,3a)Si-30	TALYS-6a	0	[8]	30
Ca-41(n,2p)Ar-40	TALYS-6a	0	[8]	49
Ca-41(n,pa)Cl-37	TALYS-6a	0	[8]	52
Ca-41(n,t2a)P-31	TALYS-6a	0	[8]	18
Ca-41(n,d2a)P-32	TALYS-6a	0	[8]	20
Ca-41(n,pd)Ar-39	TALYS-6a	0	[8]	31
Ca-41(n,pt)Ar-38	TALYS-6a	0	[8]	31
Ca-41(n,da)Cl-36	TALYS-6a	0	[8]	31
Ca-41(n,2nt)K-37	TALYS-6a	0		14
Ca-41(n,ta)Cl-35	TALYS-6a	0	[8]	29
Ca-41(n,4np)K-37	TALYS-6a	0	[8]	10
Ca-41(n,3nd)K-37	TALYS-6a	0		11
Ca-41(n,n'da)Cl-35	TALYS-6a	0	[8]	22
Ca-41(n,2npa)Cl-35	TALYS-6a	0	[8]	20
Ca-41(n,2nh)Ar-37	TALYS-6a	0	[8]	18
Ca-41(n,3nh)Ar-36	TALYS-6a	0		13
Ca-41(n,3n2p)Ar-37	TALYS-6a	0	[8]	13
Ca-41(n,3n2a)S-31	TALYS-6a	0	[8]	10
Ca-41(n,3npa)Cl-34g	TALYS-6a	0		12
Ca-41(n,3npa)Cl-34m	TALYS-6a	0		12
Ca-41(n,dt)Ar-37	TALYS-6a	0	[8]	20
Ca-41(n,n'pd)Ar-38	TALYS-6a	0	[8]	24
Ca-41(n,n'pt)Ar-37	TALYS-6a	0		19
Ca-41(n,dt)Ar-36	TALYS-6a	0	[8]	14
Ca-41(n,n'ph)Cl-37	TALYS-6a	0	[8]	19
Ca-41(n,n'dh)Cl-36	TALYS-6a	0	[8]	13
Ca-41(n,n'th)Cl-35	TALYS-6a	0	[8]	12
Ca-41(n,n'ta)Cl-34g	TALYS-6a	0		16
Ca-41(n,n'ta)Cl-34m	TALYS-6a	0		16
Ca-41(n,2n2p)Ar-38	TALYS-6a	0	[8]	22
Ca-41(n,ph)Cl-38g	TALYS-6a	0		24
Ca-41(n,ph)Cl-38m	TALYS-6a	0		24
Ca-41(n,dh)Cl-37	TALYS-6a	0	[8]	20
Ca-41(n,ha)S-35	TALYS-6a	0	[8]	27
Ca-41(n,4n2p)Ar-36	TALYS-6a	0		9
Ca-41(n,3p)Cl-39	TALYS-6a	0	[8]	25
Ca-41(n,n'3p)Cl-38g	TALYS-6a	0		17
Ca-41(n,n'3p)Cl-38m	TALYS-6a	0		16
Ca-41(n,3n2pa)S-33	TALYS-6a	0	[8]	9
Ca-42(n,2nd)K-39	TALYS-6a	0		20
Ca-42(n,2n)Ca-41	TALYS-6a	0		38
Ca-42(n,3n)Ca-40	TALYS-6a	0		26
Ca-42(n,n'a)Ar-38	TALYS-6a	0	[8]	49
Ca-42(n,n'3a)Si-30	TALYS-6a	0	[8]	17
Ca-42(n,2na)Ar-37	TALYS-6a	0	[8]	27
Ca-42(n,3na)Ar-36	TALYS-6a	0	[8]	18
Ca-42(n,n'p)K-41	TALYS-6a	0		40
Ca-42(n,n'2a)S-34	TALYS-6a	0	[8]	29
Ca-42(n,2n2a)S-33	TALYS-6a	0	[8]	17
Ca-42(n,n'd)K-40	TALYS-6a	0		28
Ca-42(n,n't)K-39	TALYS-6a	0		26
Ca-42(n,n'h)Ar-39	TALYS-6a	0	[8]	25
Ca-42(n,n'd2a)P-32	TALYS-6a	0	[8]	12
Ca-42(n,n't2a)P-31	TALYS-6a	0	[8]	11
Ca-42(n,4n)Ca-39	TALYS-6a	0		13
Ca-42(n,2np)K-40	TALYS-6a	0		26
Ca-42(n,3np)K-39	TALYS-6a	0		18
Ca-42(n,n'2p)Ar-40	TALYS-6a	0	[8]	27
Ca-42(n,n'pa)Cl-37	TALYS-6a	0	[8]	28
Ca-42(n,g)Ca-43	JENDL-3.1	4	[14,13]	2749
Ca-42(n,p)K-42	ADL-3	5	[13]	45
Ca-42(n,d)K-41	TALYS-6a	0	[8]	44
Ca-42(n,t)K-40	TALYS-6a	0		37
Ca-42(n,h)Ar-40	TALYS-6a	0	[8]	39
Ca-42(n,a)Ar-39	ADL-3	0	[2]	100
Ca-42(n,2a)S-35	TALYS-6a	0	[8]	42
Ca-42(n,3a)Si-31	TALYS-6a	0	[8]	24
Ca-42(n,2p)Ar-41	TALYS-6a	0	[8]	36
Ca-42(n,pa)Cl-38g	TALYS-6a	0		37
Ca-42(n,pa)Cl-38m	TALYS-6a	0		35
Ca-42(n,t2a)P-32	TALYS-6a	0	[8]	15
Ca-42(n,d2a)P-33	TALYS-6a	0	[8]	18
Ca-42(n,pd)Ar-40	TALYS-6a	0		30
Ca-42(n,pt)Ar-39	TALYS-6a	0	[8]	26
Ca-42(n,da)Cl-37	TALYS-6a	0	[8]	30
Ca-42(n,2nt)K-38g	TALYS-6a	0		15
Ca-42(n,2nt)K-38m	TALYS-6a	0		14
Ca-42(n,ta)Cl-36	TALYS-6a	0	[8]	26
Ca-42(n,4np)K-38g	TALYS-6a	0		10
Ca-42(n,4np)K-38m	TALYS-6a	0		10
Ca-42(n,3nd)K-38g	TALYS-6a	0		12
Ca-42(n,3nd)K-38m	TALYS-6a	0		11
Ca-42(n,n'da)Cl-36	TALYS-6a	0	[8]	19
Ca-42(n,2npa)Cl-36	TALYS-6a	0	[8]	17
Ca-42(n,4na)Ar-35	TALYS-6a	0	[8]	9
Ca-42(n,3nt)K-37	TALYS-6a	0	[8]	8
Ca-42(n,2nh)Ar-38	TALYS-6a	0	[8]	18
Ca-42(n,3nh)Ar-37	TALYS-6a	0	[8]	11
Ca-42(n,4nh)Ar-36	TALYS-6a	0		7
Ca-42(n,3n2p)Ar-38	TALYS-6a	0		14
Ca-42(n,3n2a)S-32	TALYS-6a	0	[8]	12
Ca-42(n,3npa)Cl-35	TALYS-6a	0	[8]	12
Ca-42(n,dt)Ar-38	TALYS-6a	0	[8]	21
Ca-42(n,n'pd)Ar-39	TALYS-6a	0	[8]	19
Ca-42(n,n'pt)Ar-38	TALYS-6a	0	[8]	19
Ca-42(n,n'dt)Ar-37	TALYS-6a	0		13
Ca-42(n,n'ph)Cl-38g	TALYS-6a	0		15
Ca-42(n,n'ph)Cl-38m	TALYS-6a	0		14
Ca-42(n,n'dh)Cl-37	TALYS-6a	0	[8]	12
Ca-42(n,n'th)Cl-36	TALYS-6a	0	[8]	10
Ca-42(n,n'ta)Cl-35	TALYS-6a	0	[8]	17
Ca-42(n,2n2p)Ar-39	TALYS-6a	0	[8]	17
Ca-42(n,ph)Cl-39	TALYS-6a	0	[8]	21
Ca-42(n,dh)Cl-38g	TALYS-6a	0		15
Ca-42(n,dh)Cl-38m	TALYS-6a	0		15
Ca-42(n,ha)S-36	TALYS-6a	0	[8]	26
Ca-42(n,4n2p)Ar-37	TALYS-6a	0		8
Ca-42(n,3p)Cl-40	TALYS-6a	0	[8]	19
Ca-42(n,n'3p)Cl-39	TALYS-6a	0	[8]	15
Ca-42(n,3n2pa)S-34	TALYS-6a	0	[8]	8
Ca-43(n,2nd)K-40	TALYS-6a	0		20
Ca-43(n,2n)Ca-42	TALYS-6a	0		45
Ca-43(n,3n)Ca-41	TALYS-6a	0		27
Ca-43(n,n'a)Ar-39	TALYS-6a	0	[8]	44
Ca-43(n,n'3a)Si-31	TALYS-6a	0	[8]	16
Ca-43(n,2na)Ar-38	TALYS-6a	0	[8]	31
Ca-43(n,3na)Ar-37	TALYS-6a	0	[8]	19
Ca-43(n,n'p)K-42	TALYS-6a	0	[8]	39

Ca-43(n,n'2a)S-35	TALYS-6a	0 [8]	28	Ca-44(n,n'da)Cl-38m	TALYS-6a	0		16
Ca-43(n,2n2a)S-34	TALYS-6a	0 [8]	21	Ca-44(n,2npa)Cl-38g	TALYS-6a	0		15
Ca-43(n,n'd)K-41	TALYS-6a	0	30	Ca-44(n,2npa)Cl-38m	TALYS-6a	0		15
Ca-43(n,n't)K-40	TALYS-6a	0	26	Ca-44(n,5np)K-39	TALYS-6a	0		7
Ca-43(n,n'h)Ar-40	TALYS-6a	0 [8]	27	Ca-44(n,4na)Ar-37	TALYS-6a	0		12
Ca-43(n,n'd2a)P-33	TALYS-6a	0 [8]	13	Ca-44(n,5na)Ar-36	TALYS-6a	0 [8]		7
Ca-43(n,n't2a)P-32	TALYS-6a	0 [8]	11	Ca-44(n,4nd)K-39	TALYS-6a	0		8
Ca-43(n,4n)Ca-40	TALYS-6a	0	18	Ca-44(n,3nt)K-39	TALYS-6a	0		12
Ca-43(n,2np)K-41	TALYS-6a	0	28	Ca-44(n,2nh)Ar-40	TALYS-6a	0		16
Ca-43(n,3np)K-40	TALYS-6a	0	18	Ca-44(n,3nh)Ar-39	TALYS-6a	0		11
Ca-43(n,n'2p)Ar-41	TALYS-6a	0 [8]	25	Ca-44(n,4nh)Ar-38	TALYS-6a	0		8
Ca-43(n,n'pa)Cl-38g	TALYS-6a	0	26	Ca-44(n,3n2p)Ar-40	TALYS-6a	0		12
Ca-43(n,n'pa)Cl-38m	TALYS-6a	0	25	Ca-44(n,3n2a)S-34	TALYS-6a	0 [8]		13
>Ca-43(n,g)Ca-44	JENDL-3.1	4 [14,13,13,3]	2046	Ca-44(n,3npa)Cl-37	TALYS-6a	0 [8]		12
>Ca-43(n,p)K-43	TALYS-6a	2 [3,8]	79	Ca-44(n,dt)Ar-40	TALYS-6a	0 [8]		18
Ca-43(n,d)K-42	TALYS-6a	0	44	Ca-44(n,n'pd)Ar-41	TALYS-6a	0 [8]		16
Ca-43(n,t)K-41	TALYS-6a	0 [8]	41	Ca-44(n,n'pt)Ar-40	TALYS-6a	0 [8]		16
Ca-43(n,h)Ar-41	TALYS-6a	0 [8]	35	Ca-44(n,n'dt)Ar-39	TALYS-6a	0 [8]		12
Ca-43(n,a)Ar-40	TALYS-6a	0 [9,2,3]	4323	Ca-44(n,n'ph)Cl-40	TALYS-6a	0 [8]		12
Ca-43(n,2a)S-36	TALYS-6a	0 [8]	48	Ca-44(n,n'dh)Cl-39	TALYS-6a	0 [8]		10
Ca-43(n,3a)Si-32	TALYS-6a	0 [8]	25	Ca-44(n,n'th)Cl-38g	TALYS-6a	0		9
Ca-43(n,2p)Ar-42	TALYS-6a	0 [8]	39	Ca-44(n,n'th)Cl-38m	TALYS-6a	0		8
Ca-43(n,pa)Cl-39	TALYS-6a	0 [8]	37	Ca-44(n,n'ta)Cl-37	TALYS-6a	0 [8]		16
Ca-43(n,t2a)P-33	TALYS-6a	0 [8]	16	Ca-44(n,2n2p)Ar-41	TALYS-6a	0 [8]		15
Ca-43(n,d2a)P-34	TALYS-6a	0 [8]	16	Ca-44(n,ph)Cl-41	TALYS-6a	0 [8]		15
Ca-43(n,pd)Ar-41	TALYS-6a	0 [8]	27	Ca-44(n,dh)Cl-40	TALYS-6a	0 [8]		13
Ca-43(n,pt)Ar-40	TALYS-6a	0 [8]	28	Ca-44(n,ha)S-38	TALYS-6a	0 [8]		18
Ca-43(n,da)Cl-38g	TALYS-6a	0	28	Ca-44(n,4n2p)Ar-39	TALYS-6a	0		7
Ca-43(n,da)Cl-38m	TALYS-6a	0	27	Ca-44(n,4n2a)S-33	TALYS-6a	0 [8]		7
Ca-43(n,5n)Ca-39	TALYS-6a	0	9	Ca-44(n,4npa)Cl-36	TALYS-6a	0 [8]		7
Ca-43(n,2nt)K-39	TALYS-6a	0	18	Ca-44(n,3p)Cl-42	TALYS-6a	0 [8]		15
Ca-43(n,ta)Cl-37	TALYS-6a	0 [8]	28	Ca-44(n,n'3p)Cl-41	TALYS-6a	0 [8]		12
Ca-43(n,4np)K-39	TALYS-6a	0	13	Ca-44(n,3n2pa)S-36	TALYS-6a	0 [8]		7
Ca-43(n,3nd)K-39	TALYS-6a	0	14	Ca-45(n,2nd)K-42	TALYS-6a	0		19
Ca-43(n,n'da)Cl-37	TALYS-6a	0 [8]	22	Ca-45(n,2n)Ca-44	TALYS-6a	0		48
Ca-43(n,2npa)Cl-37	TALYS-6a	0 [8]	20	Ca-45(n,3n)Ca-43	TALYS-6a	0		28
Ca-43(n,5np)K-38g	TALYS-6a	0	6	Ca-45(n,n'a)Ar-41	TALYS-6a	0 [8]		39
Ca-43(n,5np)K-38m	TALYS-6a	0	6	Ca-45(n,n'3a)Si-33	TALYS-6a	0 [8]		13
Ca-43(n,4na)Ar-36	TALYS-6a	0 [8]	13	Ca-45(n,2na)Ar-40	TALYS-6a	0 [8]		29
Ca-43(n,4nd)K-38g	TALYS-6a	0	7	Ca-45(n,3na)Ar-39	TALYS-6a	0 [8]		19
Ca-43(n,4nd)K-38m	TALYS-6a	0	7	Ca-45(n,n'p)K-44	TALYS-6a	0		36
Ca-43(n,3nt)K-38g	TALYS-6a	0	11	Ca-45(n,n'2a)S-37	TALYS-6a	0 [8]		23
Ca-43(n,3nt)K-38m	TALYS-6a	0	10	Ca-45(n,2n2a)S-36	TALYS-6a	0 [8]		19
Ca-43(n,2nh)Ar-39	TALYS-6a	0 [8]	17	Ca-45(n,n'd)K-43	TALYS-6a	0		29
Ca-43(n,3nh)Ar-38	TALYS-6a	0 [8]	13	Ca-45(n,n't)K-42	TALYS-6a	0		25
Ca-43(n,4nh)Ar-37	TALYS-6a	0	8	Ca-45(n,n'h)Ar-42	TALYS-6a	0 [8]		23
Ca-43(n,3n2p)Ar-39	TALYS-6a	0	13	Ca-45(n,n'd2a)P-35	TALYS-6a	0 [8]		11
Ca-43(n,3n2a)S-33	TALYS-6a	0 [8]	13	Ca-45(n,n't2a)P-34	TALYS-6a	0 [8]		10
Ca-43(n,3npa)Cl-36	TALYS-6a	0 [8]	13	Ca-45(n,4n)Ca-42	TALYS-6a	0		19
Ca-43(n,dt)Ar-39	TALYS-6a	0 [8]	19	Ca-45(n,2np)K-43	TALYS-6a	0		26
Ca-43(n,n'pd)Ar-40	TALYS-6a	0 [8]	21	Ca-45(n,3np)K-42	TALYS-6a	0		17
Ca-43(n,n'pt)Ar-39	TALYS-6a	0	18	Ca-45(n,n'2p)Ar-43	TALYS-6a	0 [8]		22
Ca-43(n,n'dt)Ar-38	TALYS-6a	0 [8]	14	Ca-45(n,n'pa)Cl-40	TALYS-6a	0 [8]		21
Ca-43(n,n'ph)Cl-39	TALYS-6a	0 [8]	15	Ca-45(n,g)Ca-46	MASGAM	2 [13,12]		111
Ca-43(n,n'dh)Cl-38g	TALYS-6a	0	11	Ca-45(n,p)K-45	TALYS-6a	0 [2,8]		67
Ca-43(n,n'dh)Cl-38m	TALYS-6a	0	11	Ca-45(n,d)K-44	TALYS-6a	0 [8]		40
Ca-43(n,n'th)Cl-37	TALYS-6a	0 [8]	11	Ca-45(n,t)K-43	TALYS-6a	0 [8]		38
Ca-43(n,n'ta)Cl-36	TALYS-6a	0 [8]	17	Ca-45(n,h)Ar-43	TALYS-6a	0 [8]		29
Ca-43(n,2n2p)Ar-40	TALYS-6a	0 [8]	19	Ca-45(n,a)Ar-42	TALYS-6a	0 [2,8]		78
Ca-43(n,ph)Cl-40	TALYS-6a	0 [8]	18	Ca-45(n,2a)S-38	TALYS-6a	0 [8]		32
Ca-43(n,dh)Cl-39	TALYS-6a	0 [8]	15	Ca-45(n,2p)Ar-44	TALYS-6a	0 [8]		30
Ca-43(n,ha)S-37	TALYS-6a	0 [8]	21	Ca-45(n,pa)Cl-41	TALYS-6a	0 [8]		28
Ca-43(n,4n2p)Ar-38	TALYS-6a	0	10	Ca-45(n,t2a)P-35	TALYS-6a	0 [8]		14
Ca-43(n,4n2a)S-32	TALYS-6a	0 [8]	8	Ca-45(n,pd)Ar-43	TALYS-6a	0 [8]		24
Ca-43(n,4npa)Cl-35	TALYS-6a	0 [8]	8	Ca-45(n,pt)Ar-42	TALYS-6a	0 [8]		24
Ca-43(n,3p)Cl-41	TALYS-6a	0 [8]	17	Ca-45(n,da)Cl-40	TALYS-6a	0 [8]		23
Ca-43(n,n'3p)Cl-40	TALYS-6a	0 [8]	14	Ca-45(n,5n)Ca-41	TALYS-6a	0		12
Ca-43(n,3n2pa)S-35	TALYS-6a	0 [8]	8	Ca-45(n,6n)Ca-40	TALYS-6a	0		8
Ca-44(n,2nd)K-41	TALYS-6a	0	19	Ca-45(n,2nt)K-41	TALYS-6a	0 [8]		17
Ca-44(n,2n)Ca-43	TALYS-6a	0	39	Ca-45(n,ta)Cl-39	TALYS-6a	0 [8]		23
Ca-44(n,3n)Ca-42	TALYS-6a	0	27	Ca-45(n,4np)K-41	TALYS-6a	0		13
Ca-44(n,n'a)Ar-40	TALYS-6a	0 [8]	42	Ca-45(n,3nd)K-41	TALYS-6a	0		14
Ca-44(n,n'3a)Si-32	TALYS-6a	0 [8]	15	Ca-45(n,n'da)Cl-39	TALYS-6a	0 [8]		17
Ca-44(n,2na)Ar-39	TALYS-6a	0 [8]	26	Ca-45(n,2npa)Cl-39	TALYS-6a	0 [8]		16
Ca-44(n,3na)Ar-38	TALYS-6a	0 [8]	20	Ca-45(n,5np)K-40	TALYS-6a	0		8
Ca-44(n,n'p)K-43	TALYS-6a	0 [8]	36	Ca-45(n,4na)Ar-38	TALYS-6a	0 [8]		14
Ca-44(n,n'2a)S-36	TALYS-6a	0 [8]	27	Ca-45(n,5na)Ar-37	TALYS-6a	0 [8]		8
Ca-44(n,2n2a)S-35	TALYS-6a	0 [8]	17	Ca-45(n,4nd)K-40	TALYS-6a	0		9
Ca-44(n,n'd)K-42	TALYS-6a	0	26	Ca-45(n,3nt)K-40	TALYS-6a	0		12
Ca-44(n,n't)K-41	TALYS-6a	0	25	Ca-45(n,4nt)K-39	TALYS-6a	0		8
Ca-44(n,n'h)Ar-41	TALYS-6a	0 [8]	21	Ca-45(n,2nh)Ar-41	TALYS-6a	0 [8]		15
Ca-44(n,n'd2a)P-34	TALYS-6a	0 [8]	10	Ca-45(n,3nh)Ar-40	TALYS-6a	0 [8]		12
Ca-44(n,n't2a)P-33	TALYS-6a	0 [8]	11	Ca-45(n,4nh)Ar-39	TALYS-6a	0		8
Ca-44(n,4n)Ca-41	TALYS-6a	0	16	Ca-45(n,3n2p)Ar-41	TALYS-6a	0		12
Ca-44(n,2np)K-42	TALYS-6a	0	24	Ca-45(n,3n2a)S-35	TALYS-6a	0 [8]		13
Ca-44(n,3np)K-41	TALYS-6a	0	16	Ca-45(n,3npa)Cl-38g	TALYS-6a	0		11
Ca-44(n,n'2p)Ar-42	TALYS-6a	0	24	Ca-45(n,3npa)Cl-38m	TALYS-6a	0		11
Ca-44(n,n'pa)Cl-39	TALYS-6a	0 [8]	22	Ca-45(n,dt)Ar-41	TALYS-6a	0 [8]		17
Ca-44(n,g)Ca-45	JENDL-3.1	2 [14,13]	1766	Ca-45(n,n'pd)Ar-42	TALYS-6a	0 [8]		18
Ca-44(n,p)K-44	TALYS-6	6 [8]	59	Ca-45(n,n'pt)Ar-41	TALYS-6a	0		16
Ca-44(n,d)K-43	TALYS-6a	0	41	Ca-45(n,n'dt)Ar-40	TALYS-6a	0 [8]		13
Ca-44(n,t)K-42	TALYS-5	5	34	Ca-45(n,n'ph)Cl-41	TALYS-6a	0 [8]		12
Ca-44(n,h)Ar-42	TALYS-6a	0 [8]	31	Ca-45(n,n'dh)Cl-40	TALYS-6a	0 [8]		9
Ca-44(n,a)Ar-41	JENDL-3.2/A	4 [13,8]	45	Ca-45(n,n'th)Cl-39	TALYS-6a	0 [8]		9
Ca-44(n,2a)S-37	TALYS-6a	0 [8]	31	Ca-45(n,n'ta)Cl-38g	TALYS-6a	0		16
Ca-44(n,2p)Ar-43	TALYS-6a	0 [8]	29	Ca-45(n,n'ta)Cl-38m	TALYS-6a	0		15
Ca-44(n,pa)Cl-40	TALYS-6a	0 [8]	28	Ca-45(n,2n2p)Ar-42	TALYS-6a	0 [8]		16
Ca-44(n,t2a)P-34	TALYS-6a	0 [8]	14	Ca-45(n,ph)Cl-42	TALYS-6a	0 [8]		15
Ca-44(n,d2a)P-35	TALYS-6a	0 [8]	15	Ca-45(n,4n2p)Ar-40	TALYS-6a	0		9
Ca-44(n,pd)Ar-42	TALYS-6a	0 [8]	26	Ca-45(n,4n2a)S-34	TALYS-6a	0 [8]		9
Ca-44(n,pt)Ar-41	TALYS-6a	0 [8]	22	Ca-45(n,4npa)Cl-37	TALYS-6a	0 [8]		9
Ca-44(n,da)Cl-39	TALYS-6a	0 [8]	24	Ca-46(n,2nd)K-43	TALYS-6a	0		18
Ca-44(n,5n)Ca-40	TALYS-6a	0	12	Ca-46(n,2n)Ca-45	TALYS-6a	0		40
Ca-44(n,2nt)K-40	TALYS-6a	0	16	Ca-46(n,3n)Ca-44	TALYS-6a	0		28
Ca-44(n,ta)Cl-38g	TALYS-6a	0	23	Ca-46(n,n'a)Ar-42	TALYS-6a	0 [8]		37
Ca-44(n,ta)Cl-38m	TALYS-6a	0	22	Ca-46(n,2na)Ar-41	TALYS-6a	0 [8]		24
Ca-44(n,4np)K-40	TALYS-6a	0	11	Ca-46(n,3na)Ar-40	TALYS-6a	0 [8]		18
Ca-44(n,3nd)K-40	TALYS-6a	0	12	Ca-46(n,n'p)K-45	TALYS-6a	0		33
Ca-44(n,n'da)Cl-38g	TALYS-6a	0	16	Ca-46(n,n'2a)S-38	TALYS-6a	0 [8]		21

Reaction	Library	Flag	Refs	Value
Ca-46(n,2n2a)S-37	TALYS-6a	0	[8]	14
Ca-46(n,n'd)K-44	TALYS-6a	0	[8]	25
Ca-46(n,n't)K-43	TALYS-6a	0	[8]	24
Ca-46(n,n'h)Ar-43	TALYS-6a	0	[8]	19
Ca-46(n,4n)Ca-43	TALYS-6a	0		17
Ca-46(n,2np)K-44	TALYS-6a	0		23
Ca-46(n,3np)K-43	TALYS-6a	0		16
Ca-46(n,n'2p)Ar-44	TALYS-6a	0		20
Ca-46(n,n'pa)Cl-41	TALYS-6a	0	[8]	18
>Ca-46(n,g)Ca-47	TALYS-5a	4	[3]	100
Ca-46(n,p)K-46	TALYS-6a	0	[2,8]	49
Ca-46(n,d)K-45	TALYS-6a	0	[8]	37
Ca-46(n,t)K-44	TALYS-6a	0		32
Ca-46(n,h)Ar-44	TALYS-6a	0	[8]	27
Ca-46(n,a)Ar-43	TALYS-6a	0	[2,8]	53
Ca-46(n,2a)S-39	TALYS-6a	0	[8]	25
Ca-46(n,2p)Ar-45	TALYS-6a	0	[8]	25
Ca-46(n,pa)Cl-42	TALYS-6a	0	[8]	24
Ca-46(n,pd)Ar-44	TALYS-6a	0	[8]	22
Ca-46(n,pt)Ar-43	TALYS-6a	0	[8]	19
Ca-46(n,da)Cl-41	TALYS-6a	0	[8]	19
Ca-46(n,5n)Ca-42	TALYS-6a	0		13
Ca-46(n,6n)Ca-41	TALYS-6a	0		7
Ca-46(n,2nt)K-42	TALYS-6a	0	[8]	15
Ca-46(n,ta)Cl-40	TALYS-6a	0	[8]	18
Ca-46(n,4np)K-42	TALYS-6a	0		11
Ca-46(n,3nd)K-42	TALYS-6a	0		12
Ca-46(n,n'da)Cl-40	TALYS-6a	0	[8]	14
Ca-46(n,2npa)Cl-40	TALYS-6a	0	[8]	13
Ca-46(n,5np)K-41	TALYS-6a	0		7
Ca-46(n,4na)Ar-39	TALYS-6a	0	[8]	12
Ca-46(n,5na)Ar-38	TALYS-6a	0		9
Ca-46(n,4nd)K-41	TALYS-6a	0		9
Ca-46(n,3nt)K-41	TALYS-6a	0		12
Ca-46(n,4nt)K-40	TALYS-6a	0	[8]	6
Ca-46(n,2nh)Ar-42	TALYS-6a	0		15
Ca-46(n,3nh)Ar-41	TALYS-6a	0		10
Ca-46(n,4nh)Ar-40	TALYS-6a	0		7
Ca-46(n,3n2p)Ar-42	TALYS-6a	0		11
Ca-46(n,3n2a)S-36	TALYS-6a	0	[8]	12
Ca-46(n,3npa)Cl-39	TALYS-6a	0	[8]	10
Ca-46(n,dt)Ar-42	TALYS-6a	0	[8]	16
Ca-46(n,n'pd)Ar-43	TALYS-6a	0		15
Ca-46(n,n'pt)Ar-42	TALYS-6a	0	[8]	15
Ca-46(n,n'dt)Ar-41	TALYS-6a	0	[8]	11
Ca-46(n,n'ph)Cl-42	TALYS-6a	0	[8]	9
Ca-46(n,n'ta)Cl-39	TALYS-6a	0	[8]	14
Ca-46(n,2n2p)Ar-43	TALYS-6a	0		14
Ca-46(n,4n2p)Ar-41	TALYS-6a	0	[8]	6
Ca-46(n,4n2a)S-35	TALYS-6a	0	[8]	7
Ca-46(n,4npa)Cl-38g	TALYS-6a	0		6
Ca-46(n,4npa)Cl-38m	TALYS-6a	0		6
Ca-47(n,2nd)K-44	TALYS-6a	0		18
Ca-47(n,2n)Ca-46	TALYS-6a	0		48
Ca-47(n,3n)Ca-45	TALYS-6a	0		28
Ca-47(n,n'a)Ar-43	TALYS-6a	0	[8]	33
Ca-47(n,2na)Ar-42	TALYS-6a	0	[8]	26
Ca-47(n,3na)Ar-41	TALYS-6a	0	[8]	17
Ca-47(n,n'p)K-46	TALYS-6a	0		32
Ca-47(n,n'2a)S-39	TALYS-6a	0	[8]	17
Ca-47(n,2n2a)S-38	TALYS-6a	0	[8]	15
Ca-47(n,n'd)K-45	TALYS-6a	0		27
Ca-47(n,n't)K-44	TALYS-6a	0		24
Ca-47(n,n'h)Ar-44	TALYS-6a	0	[8]	20
Ca-47(n,4n)Ca-44	TALYS-6a	0		21
Ca-47(n,2np)K-45	TALYS-6a	0		25
Ca-47(n,3np)K-44	TALYS-6a	0		16
Ca-47(n,n'2p)Ar-45	TALYS-6a	0	[8]	18
Ca-47(n,n'pa)Cl-42	TALYS-6a	0	[8]	16
>Ca-47(n,g)Ca-48	TALYS-6a	0		100
Ca-47(n,p)K-47	TALYS-6a	0	[2,8]	55
Ca-47(n,d)K-46	TALYS-6a	0	[8]	36
Ca-47(n,t)K-45	TALYS-6a	0	[8]	35
Ca-47(n,h)Ar-45	TALYS-6a	0	[8]	25
Ca-47(n,a)Ar-44	TALYS-6a	0	[2,8]	58
Ca-47(n,2a)S-40	TALYS-6a	0	[8]	26
Ca-47(n,2p)Ar-46	TALYS-6a	0	[8]	26
Ca-47(n,pa)Cl-43	TALYS-6a	0	[8]	22
Ca-47(n,pd)Ar-45	TALYS-6a	0	[8]	20
Ca-47(n,pt)Ar-44	TALYS-6a	0	[8]	20
Ca-47(n,da)Cl-42	TALYS-6a	0	[8]	18
Ca-47(n,5n)Ca-43	TALYS-6a	0		13
Ca-47(n,6n)Ca-42	TALYS-6a	0		9
Ca-47(n,2nt)K-43	TALYS-6a	0		17
Ca-47(n,ta)Cl-41	TALYS-6a	0	[8]	18
Ca-47(n,4np)K-43	TALYS-6a	0		12
Ca-47(n,3nd)K-43	TALYS-6a	0		14
Ca-47(n,n'da)Cl-41	TALYS-6a	0	[8]	14
Ca-47(n,2npa)Cl-41	TALYS-6a	0	[8]	13
Ca-47(n,5np)K-42	TALYS-6a	0		8
Ca-47(n,4na)Ar-40	TALYS-6a	0		14
Ca-47(n,5na)Ar-39	TALYS-6a	0	[8]	8
Ca-47(n,4nd)K-42	TALYS-6a	0		9
Ca-47(n,5nd)K-41	TALYS-6a	0		5
Ca-47(n,3nt)K-42	TALYS-6a	0		12
Ca-47(n,4nt)K-41	TALYS-6a	0		8
Ca-47(n,2nh)Ar-43	TALYS-6a	0		14
Ca-47(n,3nh)Ar-42	TALYS-6a	0		11
Ca-47(n,4nh)Ar-41	TALYS-6a	0	[8]	7
Ca-47(n,3n2p)Ar-43	TALYS-6a	0	[8]	10
Ca-47(n,3n2a)S-37	TALYS-6a	0	[8]	10
Ca-47(n,3npa)Cl-40	TALYS-6a	0	[8]	9
Ca-47(n,dt)Ar-43	TALYS-6a	0	[8]	15
Ca-47(n,n'pd)Ar-44	TALYS-6a	0	[8]	15
Ca-47(n,n'pt)Ar-43	TALYS-6a	0	[8]	13
Ca-47(n,n'dt)Ar-42	TALYS-6a	0	[8]	12
Ca-47(n,n'ta)Cl-40	TALYS-6a	0	[8]	13
Ca-47(n,2n2p)Ar-44	TALYS-6a	0	[8]	14
Ca-47(n,4n2p)Ar-42	TALYS-6a	0	[8]	7
Ca-47(n,4n2a)S-36	TALYS-6a	0	[8]	9
Ca-47(n,4npa)Cl-39	TALYS-6a	0	[8]	6
Ca-48(n,2nd)K-45	TALYS-6a	0		17
Ca-48(n,2n)Ca-47	JENDL-3.2/A	6	[13,3]	36
Ca-48(n,3n)Ca-46	TALYS-6a	0		29
Ca-48(n,n'a)Ar-44	TALYS-6a	0	[8]	31
Ca-48(n,2na)Ar-43	TALYS-6a	0	[8]	22
Ca-48(n,3na)Ar-42	TALYS-6a	0	[8]	16
Ca-48(n,n'p)K-47	TALYS-6a	0		30
Ca-48(n,n'2a)S-40	TALYS-6a	0	[8]	16
Ca-48(n,2n2a)S-39	TALYS-6a	0	[8]	12
Ca-48(n,n'd)K-46	TALYS-6a	0		24
Ca-48(n,n't)K-45	TALYS-6a	0		23
Ca-48(n,n'h)Ar-45	TALYS-6a	0		16
Ca-48(n,4n)Ca-45	TALYS-6a	0		18
Ca-48(n,2np)K-46	TALYS-6a	0		22
Ca-48(n,3np)K-45	TALYS-6a	0		16
Ca-48(n,n'2p)Ar-46	TALYS-6a	0	[8]	16
Ca-48(n,n'pa)Cl-43	TALYS-6a	0	[8]	15
Ca-48(n,g)Ca-49	JENDL-3.1	4	[14,13]	582
Ca-48(n,p)K-48	TALYS-6a	0		38
Ca-48(n,d)K-47	TALYS-6a	0	[8]	33
Ca-48(n,t)K-46	TALYS-6a	0		30
Ca-48(n,h)Ar-46	TALYS-6a	0	[8]	24
Ca-48(n,a)Ar-45	JENDL-3.1	2	[13,3,8,7,8]	33
Ca-48(n,2p)Ar-47	TALYS-6a	0	[8]	19
Ca-48(n,pa)Cl-44	TALYS-6a	0	[8]	16
Ca-48(n,pd)Ar-46	TALYS-6a	0	[8]	18
Ca-48(n,pt)Ar-45	TALYS-6a	0	[8]	16
Ca-48(n,da)Cl-43	TALYS-6a	0	[8]	15
Ca-48(n,5n)Ca-44	TALYS-6a	0		14
Ca-48(n,6n)Ca-43	TALYS-6a	0		8
Ca-48(n,2nt)K-44	TALYS-6a	0		15
Ca-48(n,ta)Cl-42	TALYS-6a	0	[8]	15
Ca-48(n,4np)K-44	TALYS-6a	0		11
Ca-48(n,3nd)K-44	TALYS-6a	0		12
Ca-48(n,n'da)Cl-42	TALYS-6a	0	[8]	12
Ca-48(n,2npa)Cl-42	TALYS-6a	0	[8]	11
Ca-48(n,5np)K-43	TALYS-6a	0		7
Ca-48(n,4na)Ar-41	TALYS-6a	0	[8]	11
Ca-48(n,5na)Ar-40	TALYS-6a	0	[8]	8
Ca-48(n,4nd)K-43	TALYS-6a	0		9
Ca-48(n,3nt)K-43	TALYS-6a	0		12
Ca-48(n,4nt)K-42	TALYS-6a	0		7
Ca-48(n,2nh)Ar-44	TALYS-6a	0	[8]	13
Ca-48(n,3nh)Ar-43	TALYS-6a	0		9
Ca-48(n,4nh)Ar-42	TALYS-6a	0	[8]	6
Ca-48(n,3n2p)Ar-44	TALYS-6a	0	[8]	9
Ca-48(n,3n2a)S-38	TALYS-6a	0	[8]	9
Ca-48(n,3npa)Cl-41	TALYS-6a	0	[8]	8
Ca-48(n,dt)Ar-44	TALYS-6a	0	[8]	14
Ca-48(n,n'pd)Ar-45	TALYS-6a	0	[8]	13
Ca-48(n,n'pt)Ar-44	TALYS-6a	0	[8]	13
Ca-48(n,n'dt)Ar-43	TALYS-6a	0	[8]	10
Ca-48(n,n'ta)Cl-41	TALYS-6a	0	[8]	12
Ca-48(n,2n2p)Ar-45	TALYS-6a	0	[8]	12
Sc-44m(n,n')Sc-44g	TALYS-6a	0	[8]	97
Sc-44m(n,2nd)Ca-41	TALYS-6a	0		22
Sc-44m(n,2n)Sc-43	TALYS-6a	0		42
Sc-44m(n,3n)Sc-42g	TALYS-6a	0		24
Sc-44m(n,3n)Sc-42m	TALYS-6a	0		24
Sc-44m(n,n'a)K-40	TALYS-6a	0		48
Sc-44m(n,n'3a)P-32	TALYS-6a	0	[8]	17
Sc-44m(n,2na)K-39	TALYS-6a	0	[8]	31
Sc-44m(n,3na)K-38g	TALYS-6a	0		17
Sc-44m(n,3na)K-38m	TALYS-6a	0		17
Sc-44m(n,n'p)Ca-43	TALYS-6a	0		52
Sc-44m(n,n'2a)Cl-36	TALYS-6a	0	[8]	30
Sc-44m(n,2n2a)Cl-35	TALYS-6a	0	[8]	21
Sc-44m(n,n'd)Ca-42	TALYS-6a	0	[8]	36
Sc-44m(n,n't)Ca-41	TALYS-6a	0	[8]	28
Sc-44m(n,n'h)K-41	TALYS-6a	0	[8]	28
Sc-44m(n,n'd2a)S-34	TALYS-6a	0	[8]	15
Sc-44m(n,n't2a)S-33	TALYS-6a	0	[8]	13
Sc-44m(n,4n)Sc-41	TALYS-6a	0		15
Sc-44m(n,2np)Ca-42	TALYS-6a	0		32
Sc-44m(n,3np)Ca-41	TALYS-6a	0		20
Sc-44m(n,n'2p)K-42	TALYS-6a	0	[8]	28
Sc-44m(n,n'pa)Ar-39	TALYS-6a	0		30
Sc-44m(n,g)Sc-45g	MASGAM	0	[14,13,4,6]	83
Sc-44m(n,g)Sc-45m	MASGAM	0	[14,13,4,6]	83
Sc-44m(n,p)Ca-44	TALYS-6a	0	[2]	100
Sc-44m(n,d)Ca-43	TALYS-6a	0	[8]	62
Sc-44m(n,t)Ca-42	TALYS-6a	0	[8]	54
Sc-44m(n,h)K-42	TALYS-6a	0	[8]	40
Sc-44m(n,a)K-41	TALYS-6a	0	[2]	100
Sc-44m(n,2a)Cl-37	TALYS-6a	0	[8]	56
Sc-44m(n,3a)P-33	TALYS-6a	0	[8]	28
Sc-44m(n,2p)K-43	TALYS-6a	0	[8]	45
Sc-44m(n,pa)Ar-40	TALYS-6a	0	[8]	55
Sc-44m(n,t2a)S-34	TALYS-6a	0	[8]	21
Sc-44m(n,d2a)S-35	TALYS-6a	0	[8]	22
Sc-44m(n,pd)K-42	TALYS-6a	0	[8]	30
Sc-44m(n,pt)K-41	TALYS-6a	0	[8]	29
Sc-44m(n,da)Ar-39	TALYS-6a	0	[8]	33
Sc-44m(n,2nt)Ca-40	TALYS-6a	0		20
Sc-44m(n,ta)Ar-38	TALYS-6a	0	[8]	32
Sc-44m(n,4np)Ca-40	TALYS-6a	0		14
Sc-44m(n,3nd)Ca-40	TALYS-6a	0		15
Sc-44m(n,n'da)Ar-38	TALYS-6a	0	[8]	25
Sc-44m(n,2npa)Ar-38	TALYS-6a	0	[8]	23
Sc-44m(n,4na)K-37	TALYS-6a	0		11
Sc-44m(n,3nt)Ca-39	TALYS-6a	0		10
Sc-44m(n,2nh)K-40	TALYS-6a	0	[8]	18
Sc-44m(n,3nh)K-39	TALYS-6a	0	[8]	13
Sc-44m(n,4nh)K-38g	TALYS-6a	0		7
Sc-44m(n,4nh)K-38m	TALYS-6a	0		7
Sc-44m(n,3n2p)K-40	TALYS-6a	0		14
Sc-44m(n,3n2a)Cl-34g	TALYS-6a	0		11

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Sc-44m(n,3n2a)Cl-34m    TALYS-6a    0             12    Sc-46(n,n'2a)Cl-38g     TALYS-6a    0             25
Sc-44m(n,3npa)Ar-37     TALYS-6a    0 [8]         14    Sc-46(n,n'2a)Cl-38m     TALYS-6a    0             25
Sc-44m(n,dt)K-40        TALYS-6a    0 [8]         20    Sc-46(n,2n2a)Cl-37      TALYS-6a    0 [8]         19
Sc-44m(n,n'pd)K-41      TALYS-6a    0 [8]         23    Sc-46(n,n'd)Ca-44       TALYS-6a    0             34
Sc-44m(n,n'pt)K-40      TALYS-6a    0 [8]         19    Sc-46(n,n't)Ca-43       TALYS-6a    0             28
Sc-44m(n,n'dt)K-39      TALYS-6a    0             15    Sc-46(n,n'h)K-43        TALYS-6a    0 [8]         25
Sc-44m(n,n'ph)Ar-40     TALYS-6a    0 [8]         19    Sc-46(n,n'd2a)S-36      TALYS-6a    0 [8]         14
Sc-44m(n,n'dh)Ar-39     TALYS-6a    0 [8]         14    Sc-46(n,n't2a)S-35      TALYS-6a    0 [8]         12
Sc-44m(n,n'th)Ar-38     TALYS-6a    0 [8]         13    Sc-46(n,4n)Sc-43        TALYS-6a    0             16
Sc-44m(n,n'ta)Ar-37     TALYS-6a    0 [8]         19    Sc-46(n,2np)Ca-44       TALYS-6a    0             31
Sc-44m(n,2n2p)K-41      TALYS-6a    0             21    Sc-46(n,3np)Ca-43       TALYS-6a    0             19
Sc-44m(n,ph)Ar-41       TALYS-6a    0 [8]         25    Sc-46(n,n'2p)K-44       TALYS-6a    0 [8]         25
Sc-44m(n,dh)Ar-40       TALYS-6a    0 [8]         21    Sc-46(n,n'pa)Ar-41      TALYS-6a    0             25
Sc-44m(n,ha)Cl-38g      TALYS-6a    0             25    Sc-46(n,g)Sc-47         MASGAM      2 [13,12]    111
Sc-44m(n,ha)Cl-38m      TALYS-6a    0             25    Sc-46(n,p)Ca-46         TALYS-6a    0 [2]        100
Sc-44m(n,4n2p)K-39      TALYS-6a    0             10    Sc-46(n,d)Ca-45         TALYS-6a    0 [8]         53
Sc-44m(n,4npa)Ar-36     TALYS-6a    0 [8]          9    Sc-46(n,t)Ca-44         TALYS-6a    0 [8]         47
Sc-44m(n,3p)Ar-42       TALYS-6a    0 [8]         27    Sc-46(n,h)K-44          TALYS-6a    0 [8]         33
Sc-44m(n,n'3p)Ar-41     TALYS-6a    0 [8]         17    Sc-46(n,a)K-43          TALYS-6a    0 [2]        100
Sc-44m(n,3n2pa)Cl-36    TALYS-6a    0 [8]          9    Sc-46(n,2a)Cl-39        TALYS-6a    0 [8]         36
Sc-45(n,n')Sc-45m       TALYS-6a    0             92    Sc-46(n,3a)P-35         TALYS-6a    0 [8]         21
Sc-45(n,2nd)Ca-42       TALYS-6a    0             22    Sc-46(n,2p)K-45         TALYS-6a    0 [8]         36
Sc-45(n,2n)Sc-44g       JENDL-3.2/A 5 [13,8,7,8]  41    Sc-46(n,pa)Ar-42        TALYS-6a    0 [8]         39
Sc-45(n,2n)Sc-44m       JENDL-3.2/A 6 [13,8,7,8]  40    Sc-46(n,t2a)S-36        TALYS-6a    0 [8]         17
Sc-45(n,3n)Sc-43        TALYS-6a    0             25    Sc-46(n,d2a)S-37        TALYS-6a    0 [8]         15
Sc-45(n,n'a)K-41        TALYS-6a    0 [8]         43    Sc-46(n,pd)K-44         TALYS-6a    0 [8]         27
Sc-45(n,n'3a)P-33       TALYS-6a    0 [8]         16    Sc-46(n,pt)K-43         TALYS-6a    0 [8]         26
Sc-45(n,2na)K-40        TALYS-6a    0 [8]         27    Sc-46(n,da)Ar-41        TALYS-6a    0 [8]         27
Sc-45(n,3na)K-39        TALYS-6a    0 [8]         19    Sc-46(n,5n)Sc-42g       TALYS-6a    0             10
Sc-45(n,n'p)Ca-44       TALYS-6a    0 [8]         49    Sc-46(n,5n)Sc-42m       TALYS-6a    0             10
Sc-45(n,n'2a)Cl-37      TALYS-6a    0 [8]         29    Sc-46(n,2nt)Ca-42       TALYS-6a    0 [8]         19
Sc-45(n,2n2a)Cl-36      TALYS-6a    0 [8]         18    Sc-46(n,ta)Ar-40        TALYS-6a    0 [8]         28
Sc-45(n,n'd)Ca-43       TALYS-6a    0             30    Sc-46(n,4np)Ca-42       TALYS-6a    0             14
Sc-45(n,n't)Ca-42       TALYS-6a    0 [8]         28    Sc-46(n,3nd)Ca-42       TALYS-6a    0             15
Sc-45(n,n'h)K-42        TALYS-6a    0             24    Sc-46(n,n'da)Ar-40      TALYS-6a    0 [8]         21
Sc-45(n,n'd2a)S-35      TALYS-6a    0 [8]         13    Sc-46(n,2npa)Ar-40      TALYS-6a    0 [8]         19
Sc-45(n,n't2a)S-34      TALYS-6a    0 [8]         13    Sc-46(n,5np)Ca-41       TALYS-6a    0              8
Sc-45(n,4n)Sc-42g       TALYS-6a    0             15    Sc-46(n,4na)K-39        TALYS-6a    0 [8]         13
Sc-45(n,4n)Sc-42m       TALYS-6a    0             14    Sc-46(n,4nd)Ca-41       TALYS-6a    0              9
Sc-45(n,2np)Ca-43       TALYS-6a    0             28    Sc-46(n,3nt)Ca-41       TALYS-6a    0             12
Sc-45(n,3np)Ca-42       TALYS-6a    0             20    Sc-46(n,4nt)Ca-40       TALYS-6a    0              8
Sc-45(n,n'2p)K-43       TALYS-6a    0 [8]         26    Sc-46(n,2nh)K-42        TALYS-6a    0             16
Sc-45(n,n'pa)Ar-40      TALYS-6a    0 [8]         28    Sc-46(n,3nh)K-41        TALYS-6a    0             12
Sc-45(n,g)Sc-46g        JENDL-3.2   3 [13,4,6]          Sc-46(n,4nh)K-40        TALYS-6a    0              7
23429                                                   Sc-46(n,3n2p)K-42       TALYS-6a    0             12
Sc-45(n,g)Sc-46m        JENDL-3.2   3 [13,4,6]          Sc-46(n,3n2a)Cl-36      TALYS-6a    0 [8]         12
23429                                                   Sc-46(n,3npa)Ar-39      TALYS-6a    0 [8]         13
Sc-45(n,p)Ca-45         JENDL-3.2/A 4 [9,13,3,3,10]     Sc-46(n,dt)K-42         TALYS-6a    0 [8]         17
23497                                                   Sc-46(n,n'pd)K-43       TALYS-6a    0 [8]         19
Sc-45(n,d)Ca-44         TALYS-6a    0 [8]         60    Sc-46(n,n'pt)K-42       TALYS-6a    0 [8]         16
Sc-45(n,t)Ca-43         TALYS-6a    0 [8]         41    Sc-46(n,n'dt)K-41       TALYS-6a    0 [8]         13
Sc-45(n,h)K-43          TALYS-6a    5 [8]         36    Sc-46(n,n'ph)Ar-42      TALYS-6a    0 [8]         15
Sc-45(n,a)K-42          JENDL-3.2/A 6 [13,8]      50    Sc-46(n,n'dh)Ar-41      TALYS-6a    0 [8]         11
Sc-45(n,2a)Cl-38g       TALYS-6a    0             38    Sc-46(n,n'th)Ar-40      TALYS-6a    0 [8]         11
Sc-45(n,2a)Cl-38m       TALYS-6a    0             37    Sc-46(n,n'ta)Ar-39      TALYS-6a    0 [8]         18
Sc-45(n,3a)P-34         TALYS-6a    0 [8]         22    Sc-46(n,2n2p)K-43       TALYS-6a    0 [8]         17
Sc-45(n,2p)K-44         ADL-3       1 [13]        39    Sc-46(n,ph)Ar-43        TALYS-6a    0 [8]         19
Sc-45(n,pa)Ar-41        TALYS-6a    0 [8]         38    Sc-46(n,dh)Ar-42        TALYS-6a    0 [8]         16
Sc-45(n,t2a)S-35        TALYS-6a    0 [8]         16    Sc-46(n,ha)Cl-40        TALYS-6a    0 [8]         18
Sc-45(n,d2a)S-36        TALYS-6a    0 [8]         20    Sc-46(n,4n2p)K-41       TALYS-6a    0 [8]          8
Sc-45(n,pd)K-43         TALYS-6a    0 [8]         28    Sc-46(n,4n2a)Cl-35      TALYS-6a    0 [8]          8
Sc-45(n,pt)K-42         TALYS-6a    0 [8]         25    Sc-46(n,4npa)Ar-38      TALYS-6a    0 [8]         10
Sc-45(n,da)Ar-40        TALYS-6a    0 [8]         30    Sc-46(n,3p)Ar-44        TALYS-6a    0 [8]         20
Sc-45(n,5n)Sc-41        TALYS-6a    0              9    Sc-46(n,n'3p)Ar-43      TALYS-6a    0 [8]         14
Sc-45(n,2nt)Ca-41       TALYS-6a    0             17    Sc-47(n,2nd)Ca-44       TALYS-6a    0             22
Sc-45(n,ta)Ar-39        TALYS-6a    0 [8]         27    Sc-47(n,2n)Sc-46g       TALYS-6a    0             40
Sc-45(n,4np)Ca-41       TALYS-6a    0             12    Sc-47(n,2n)Sc-46m       TALYS-6a    0             39
Sc-45(n,3nd)Ca-41       TALYS-6a    0             13    Sc-47(n,3n)Sc-45g       TALYS-6a    0             27
Sc-45(n,n'da)Ar-39      TALYS-6a    0 [8]         20    Sc-47(n,3n)Sc-45m       TALYS-6a    0             27
Sc-45(n,2npa)Ar-39      TALYS-6a    0 [8]         18    Sc-47(n,n'a)K-43        TALYS-6a    0 [8]         39
Sc-45(n,5np)Ca-40       TALYS-6a    0              8    Sc-47(n,n'3a)P-35       TALYS-6a    0 [8]         13
Sc-45(n,4na)K-38g       TALYS-6a    0             11    Sc-47(n,2na)K-42        TALYS-6a    0 [8]         25
Sc-45(n,4na)K-38m       TALYS-6a    0             11    Sc-47(n,3na)K-41        TALYS-6a    0 [8]         17
Sc-45(n,4nd)Ca-40       TALYS-6a    0              9    Sc-47(n,n'p)Ca-46       TALYS-6a    0             44
Sc-45(n,3nt)Ca-40       TALYS-6a    0             12    Sc-47(n,n'2a)Cl-39      TALYS-6a    0 [8]         22
Sc-45(n,2nh)K-41        TALYS-6a    0             17    Sc-47(n,2n2a)Cl-38g     TALYS-6a    0             15
Sc-45(n,3nh)K-40        TALYS-6a    0 [8]         11    Sc-47(n,2n2a)Cl-38m     TALYS-6a    0             15
Sc-45(n,4nh)K-39        TALYS-6a    0              8    Sc-47(n,n'd)Ca-45       TALYS-6a    0             29
Sc-45(n,3n2p)K-41       TALYS-6a    0             13    Sc-47(n,n't)Ca-44       TALYS-6a    0             28
Sc-45(n,3n2a)Cl-35      TALYS-6a    0 [8]         13    Sc-47(n,n'h)K-44        TALYS-6a    0 [8]         21
Sc-45(n,3npa)Ar-38      TALYS-6a    0 [8]         14    Sc-47(n,n'd2a)S-37      TALYS-6a    0 [8]         10
Sc-45(n,dt)K-41         TALYS-6a    0 [8]         19    Sc-47(n,n't2a)S-36      TALYS-6a    0 [8]         11
Sc-45(n,n'pd)K-42       TALYS-6a    0 [8]         18    Sc-47(n,4n)Sc-44g       TALYS-6a    0             16
Sc-45(n,n'pt)K-41       TALYS-6a    0 [8]         17    Sc-47(n,4n)Sc-44m       TALYS-6a    0             16
Sc-45(n,n'dt)K-40       TALYS-6a    0             13    Sc-47(n,2np)Ca-45       TALYS-6a    0             27
Sc-45(n,n'ph)Ar-41      TALYS-6a    0 [8]         15    Sc-47(n,3np)Ca-44       TALYS-6a    0             20
Sc-45(n,n'dh)Ar-40      TALYS-6a    0 [8]         13    Sc-47(n,n'2p)K-45       TALYS-6a    0             23
Sc-45(n,n'th)Ar-39      TALYS-6a    0 [8]         11    Sc-47(n,n'pa)Ar-42      TALYS-6a    0 [8]         24
Sc-45(n,n'ta)Ar-38      TALYS-6a    0 [8]         20    Sc-47(n,g)Sc-48         MASGAM      0 [14,13]    83
Sc-45(n,2n2p)K-42       TALYS-6a    0 [8]         16    Sc-47(n,p)Ca-47         TALYS-6a    0 [2,8]      78
Sc-45(n,ph)Ar-42        TALYS-6a    0 [8]         23    Sc-47(n,d)Ca-46         TALYS-6a    0 [8]         52
Sc-45(n,dh)Ar-41        TALYS-6a    0 [8]         16    Sc-47(n,t)Ca-45         TALYS-6a    0             40
Sc-45(n,ha)Cl-39        TALYS-6a    0 [8]         21    Sc-47(n,h)K-45          TALYS-6a    0 [8]         30
Sc-45(n,4n2p)K-40       TALYS-6a    0              8    Sc-47(n,a)K-44          TALYS-6a    0 [2,8]      66
Sc-45(n,4npa)Ar-37      TALYS-6a    0 [8]          8    Sc-47(n,2a)Cl-40        TALYS-6a    0 [8]         28
Sc-45(n,3p)Ar-43        TALYS-6a    0 [8]         21    Sc-47(n,2p)K-46         TALYS-6a    0 [8]         30
Sc-45(n,n'3p)Ar-42      TALYS-6a    0 [8]         16    Sc-47(n,pa)Ar-43        TALYS-6a    0 [8]         30
Sc-45(n,3n2pa)Cl-37     TALYS-6a    0 [8]          8    Sc-47(n,t2a)S-37        TALYS-6a    0 [8]         13
Sc-46(n,n')Sc-46m       TALYS-6a    0             89    Sc-47(n,pd)K-45         TALYS-6a    0 [8]         25
Sc-46(n,2nd)Ca-43       TALYS-6a    0             21    Sc-47(n,pt)K-44         TALYS-6a    0 [8]         22
Sc-46(n,2n)Sc-45g       TALYS-6a    0             44    Sc-47(n,da)Ar-42        TALYS-6a    0 [8]         26
Sc-46(n,2n)Sc-45m       TALYS-6a    0             44    Sc-47(n,5n)Sc-43        TALYS-6a    0             11
Sc-46(n,3n)Sc-44g       TALYS-6a    0             26    Sc-47(n,2nt)Ca-43       TALYS-6a    0             17
Sc-46(n,3n)Sc-44m       TALYS-6a    0             26    Sc-47(n,ta)Ar-41        TALYS-6a    0 [8]         23
Sc-46(n,n'a)K-42        TALYS-6a    0 [8]         41    Sc-47(n,4np)Ca-43       TALYS-6a    0             12
Sc-46(n,n'3a)P-34       TALYS-6a    0 [8]         14    Sc-47(n,3nd)Ca-43       TALYS-6a    0             14
Sc-46(n,2na)K-41        TALYS-6a    0 [8]         28    Sc-47(n,n'da)Ar-41      TALYS-6a    0 [8]         16
Sc-46(n,3na)K-40        TALYS-6a    0 [8]         18    Sc-47(n,2npa)Ar-41      TALYS-6a    0 [8]         15
Sc-46(n,n'p)Ca-45       TALYS-6a    0 [8]         44    Sc-47(n,5np)Ca-42       TALYS-6a    0              8
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Reaction	Code	Flag	Ref	%
Sc-47(n,4na)K-40	TALYS-6a	0		12
Sc-47(n,5na)K-39	TALYS-6a	0		8
Sc-47(n,4nd)Ca-42	TALYS-6a	0		9
Sc-47(n,3nt)Ca-42	TALYS-6a	0		13
Sc-47(n,4nt)Ca-41	TALYS-6a	0		7
Sc-47(n,2nh)K-43	TALYS-6a	0	[8]	15
Sc-47(n,3nh)K-42	TALYS-6a	0	[8]	10
Sc-47(n,4nh)K-41	TALYS-6a	0		7
Sc-47(n,3n2p)K-43	TALYS-6a	0	[8]	11
Sc-47(n,3n2a)Cl-37	TALYS-6a	0	[8]	12
Sc-47(n,3npa)Ar-40	TALYS-6a	0	[8]	12
Sc-47(n,dt)K-43	TALYS-6a	0	[8]	16
Sc-47(n,n'pd)K-44	TALYS-6a	0	[8]	16
Sc-47(n,n'pt)K-43	TALYS-6a	0	[8]	16
Sc-47(n,n'dt)K-42	TALYS-6a	0		12
Sc-47(n,n'ph)Ar-43	TALYS-6a	0	[8]	13
Sc-47(n,n'dh)Ar-42	TALYS-6a	0	[8]	11
Sc-47(n,n'th)Ar-41	TALYS-6a	0	[8]	9
Sc-47(n,n'ta)Ar-40	TALYS-6a	0	[8]	17
Sc-47(n,2n2p)K-44	TALYS-6a	0	[8]	15
Sc-47(n,ph)Ar-44	TALYS-6a	0	[8]	17
Sc-47(n,ha)Cl-41	TALYS-6a	0	[8]	15
Sc-47(n,4n2p)K-42	TALYS-6a	0		7
Sc-47(n,4npa)Ar-39	TALYS-6a	0	[8]	7
Sc-47(n,n'3p)Ar-44	TALYS-6a	0	[8]	13
Sc-48(n,2nd)Ca-45	TALYS-6a	0		21
Sc-48(n,2n)Sc-47	TALYS-6a	0		45
Sc-48(n,3n)Sc-46g	TALYS-6a	0		27
Sc-48(n,3n)Sc-46m	TALYS-6a	0		27
Sc-48(n,n'a)K-44	TALYS-6a	0	[8]	37
Sc-48(n,2na)K-43	TALYS-6a	0	[8]	26
Sc-48(n,3na)K-42	TALYS-6a	0	[8]	16
Sc-48(n,n'p)Ca-47	TALYS-6a	0		42
Sc-48(n,n'2a)Cl-40	TALYS-6a	0	[8]	19
Sc-48(n,2n2a)Cl-39	TALYS-6a	0	[8]	15
Sc-48(n,n'd)Ca-46	TALYS-6a	0	[8]	31
Sc-48(n,n't)Ca-45	TALYS-6a	0		27
Sc-48(n,n'h)K-45	TALYS-6a	0	[8]	22
Sc-48(n,4n)Sc-45g	TALYS-6a	0		18
Sc-48(n,4n)Sc-45m	TALYS-6a	0		18
Sc-48(n,2np)Ca-46	TALYS-6a	0		29
Sc-48(n,3np)Ca-45	TALYS-6a	0		19
Sc-48(n,n'2p)K-46	TALYS-6a	0	[8]	21
Sc-48(n,n'pa)Ar-43	TALYS-6a	0	[8]	21
Sc-48(n,g)Sc-49	MASGAM	0	[14,13]	83
Sc-48(n,p)Ca-48	TALYS-6a	0	[2]	100
Sc-48(n,d)Ca-47	TALYS-6a	0	[8]	47
Sc-48(n,t)Ca-46	TALYS-6a	0	[8]	44
Sc-48(n,h)K-46	TALYS-6a	0	[8]	29
Sc-48(n,a)K-45	TALYS-6a	0	[2,8]	69
Sc-48(n,2a)Cl-41	TALYS-6a	0	[8]	26
Sc-48(n,2p)K-47	TALYS-6a	0	[8]	30
Sc-48(n,pa)Ar-44	TALYS-6a	0	[8]	30
Sc-48(n,pd)K-46	TALYS-6a	0	[8]	23
Sc-48(n,pt)K-45	TALYS-6a	0	[8]	23
Sc-48(n,da)Ar-43	TALYS-6a	0	[8]	23
Sc-48(n,5n)Sc-44g	TALYS-6a	0		12
Sc-48(n,5n)Sc-44m	TALYS-6a	0		11
Sc-48(n,6n)Sc-43	TALYS-6a	0		7
Sc-48(n,2nt)Ca-44	TALYS-6a	0	[8]	19
Sc-48(n,ta)Ar-42	TALYS-6a	0	[8]	24
Sc-48(n,4np)Ca-44	TALYS-6a	0		14
Sc-48(n,3nd)Ca-44	TALYS-6a	0		15
Sc-48(n,n'da)Ar-42	TALYS-6a	0	[8]	17
Sc-48(n,2npa)Ar-42	TALYS-6a	0	[8]	16
Sc-48(n,5np)Ca-43	TALYS-6a	0		8
Sc-48(n,4na)K-41	TALYS-6a	0		13
Sc-48(n,5na)K-40	TALYS-6a	0	[8]	7
Sc-48(n,4nd)Ca-43	TALYS-6a	0		9
Sc-48(n,5nd)Ca-42	TALYS-6a	0		5
Sc-48(n,3nt)Ca-43	TALYS-6a	0	[8]	12
Sc-48(n,4nt)Ca-42	TALYS-6a	0		8
Sc-48(n,2nh)K-44	TALYS-6a	0		15
Sc-48(n,3nh)K-43	TALYS-6a	0	[8]	11
Sc-48(n,4nh)K-42	TALYS-6a	0	[8]	6
Sc-48(n,3n2p)K-44	TALYS-6a	0		11
Sc-48(n,3n2a)Cl-38g	TALYS-6a	0		11
Sc-48(n,3n2a)Cl-38m	TALYS-6a	0		11
Sc-48(n,3npa)Ar-41	TALYS-6a	0	[8]	11
Sc-48(n,dt)K-44	TALYS-6a	0	[8]	16
Sc-48(n,n'pd)K-45	TALYS-6a	0	[8]	16
Sc-48(n,n'pt)K-44	TALYS-6a	0	[8]	15
Sc-48(n,n'dt)K-43	TALYS-6a	0	[8]	12
Sc-48(n,n'ph)Ar-44	TALYS-6a	0	[8]	13
Sc-48(n,n'ta)Ar-41	TALYS-6a	0	[8]	15
Sc-48(n,2n2p)K-45	TALYS-6a	0	[8]	15
Sc-48(n,ha)Cl-42	TALYS-6a	0	[8]	14
Sc-48(n,4n2p)K-43	TALYS-6a	0	[8]	7
Sc-48(n,4n2a)Cl-37	TALYS-6a	0	[8]	8
Sc-48(n,4npa)Ar-40	TALYS-6a	0	[8]	8
Sc-48(n,3p)Ar-46	TALYS-6a	0	[8]	15
Ti-44(n,2nd)Sc-41	TALYS-6a	0		16
Ti-44(n,2n)Ti-43	IEAF-2001	0	[5,7,8]	44
Ti-44(n,3n)Ti-42	TALYS-6a	0		17
Ti-44(n,n'a)Ca-40	TALYS-6a	0	[8]	55
Ti-44(n,n'3a)S-32	TALYS-6a	0	[8]	19
Ti-44(n,2na)Ca-39	TALYS-6a	0	[8]	24
Ti-44(n,3na)Ca-38	TALYS-6a	0	[8]	13
Ti-44(n,n'p)Sc-43	TALYS-6a	0	[8]	43
Ti-44(n,n'2a)Ar-36	TALYS-6a	0	[8]	30
Ti-44(n,2n2a)Ar-35	TALYS-6a	0	[8]	15
Ti-44(n,n'd)Sc-42g	TALYS-6a	0		27
Ti-44(n,n'd)Sc-42m	TALYS-6a	0		27
Ti-44(n,n't)Sc-41	TALYS-6a	0		22
Ti-44(n,n'h)Ca-41	TALYS-6a	0	[8]	28
Ti-44(n,n'd2a)Cl-34g	TALYS-6a	0		12
Ti-44(n,n'd2a)Cl-34m	TALYS-6a	0		12
Ti-44(n,2np)Sc-42g	TALYS-6a	0		25
Ti-44(n,2np)Sc-42m	TALYS-6a	0		25
Ti-44(n,3np)Sc-41	TALYS-6a	0		15
Ti-44(n,n'2p)Ca-42	TALYS-6a	0	[8]	33
Ti-44(n,n'pa)K-39	TALYS-6a	0	[8]	31
Ti-44(n,g)Ti-45	MASGAM	2	[14,13]	83
Ti-44(n,p)Sc-44g	TALYS-6a	0	[2]	100
Ti-44(n,p)Sc-44m	TALYS-6a	0	[2]	100
Ti-44(n,d)Sc-43	TALYS-6a	0	[8]	51
Ti-44(n,t)Sc-42g	TALYS-6a	0		36
Ti-44(n,t)Sc-42m	TALYS-6a	0		34
Ti-44(n,h)Ca-42	TALYS-6a	0	[8]	51
Ti-44(n,a)Ca-41	TALYS-6a	0	[2]	100
Ti-44(n,2a)Ar-37	TALYS-6a	0	[8]	52
Ti-44(n,3a)S-33	TALYS-6a	0	[8]	29
Ti-44(n,2p)Ca-43	TALYS-6a	0	[8]	54
Ti-44(n,pa)K-40	TALYS-6a	0	[8]	48
Ti-44(n,t2a)Cl-34g	TALYS-6a	0		15
Ti-44(n,t2a)Cl-34m	TALYS-6a	0		15
Ti-44(n,d2a)Cl-35	TALYS-6a	0	[8]	22
Ti-44(n,pd)Ca-42	TALYS-6a	0	[8]	37
Ti-44(n,pt)Ca-41	TALYS-6a	0	[8]	29
Ti-44(n,da)K-39	TALYS-6a	0	[8]	34
Ti-44(n,2nt)Sc-40	TALYS-6a	0		11
Ti-44(n,ta)K-38g	TALYS-6a	0		25
Ti-44(n,ta)K-38m	TALYS-6a	0		25
Ti-44(n,n'da)K-38g	TALYS-6a	0		19
Ti-44(n,n'da)K-38m	TALYS-6a	0		19
Ti-44(n,2npa)K-38g	TALYS-6a	0		17
Ti-44(n,2npa)K-38m	TALYS-6a	0		17
Ti-44(n,2nh)Ca-40	TALYS-6a	0	[8]	19
Ti-44(n,3nh)Ca-39	TALYS-6a	0		10
Ti-44(n,3n2p)Ca-40	TALYS-6a	0		14
Ti-44(n,3npa)K-37	TALYS-6a	0	[8]	10
Ti-44(n,dt)Ca-40	TALYS-6a	0	[8]	22
Ti-44(n,n'pd)Ca-41	TALYS-6a	0	[8]	22
Ti-44(n,n'pt)Ca-40	TALYS-6a	0	[8]	20
Ti-44(n,n'dt)Ca-39	TALYS-6a	0	[8]	11
Ti-44(n,n'ph)K-40	TALYS-6a	0	[8]	18
Ti-44(n,n'dh)K-39	TALYS-6a	0	[8]	14
Ti-44(n,n'th)K-38g	TALYS-6a	0		10
Ti-44(n,n'th)K-38m	TALYS-6a	0		10
Ti-44(n,n'ta)K-37	TALYS-6a	0	[8]	14
Ti-44(n,2n2p)Ca-41	TALYS-6a	0		21
Ti-44(n,ph)K-41	TALYS-6a	0	[8]	28
Ti-44(n,dh)K-40	TALYS-6a	0	[8]	19
Ti-44(n,ha)Ar-38	TALYS-6a	0	[8]	31
Ti-44(n,3p)K-42	TALYS-6a	0	[8]	28
Ti-44(n,n'3p)K-41	TALYS-6a	0	[8]	20
Ti-44(n,3n2pa)Ar-36	TALYS-6a	0	[8]	9
Ti-45(n,2nd)Sc-42g	TALYS-6a	0		17
Ti-45(n,2nd)Sc-42m	TALYS-6a	0		17
Ti-45(n,2n)Ti-44	TALYS-6a	0	[4]	42
Ti-45(n,3n)Ti-43	TALYS-6a	0		20
Ti-45(n,n'a)Ca-41	TALYS-6a	0	[8]	49
Ti-45(n,n'3a)S-33	TALYS-6a	0	[8]	18
Ti-45(n,2na)Ca-40	TALYS-6a	0	[8]	30
Ti-45(n,3na)Ca-39	TALYS-6a	0	[8]	15
Ti-45(n,n'p)Sc-44g	TALYS-6a	0		44
Ti-45(n,n'p)Sc-44m	TALYS-6a	0		43
Ti-45(n,n'2a)Ar-37	TALYS-6a	0	[8]	30
Ti-45(n,2n2a)Ar-36	TALYS-6a	0	[8]	20
Ti-45(n,n'd)Sc-43	TALYS-6a	0		30
Ti-45(n,n't)Sc-42g	TALYS-6a	0		24
Ti-45(n,n't)Sc-42m	TALYS-6a	0		23
Ti-45(n,n'h)Ca-42	TALYS-6a	0	[8]	29
Ti-45(n,n'd2a)Cl-35	TALYS-6a	0	[8]	14
Ti-45(n,n't2a)Cl-34g	TALYS-6a	0		10
Ti-45(n,n't2a)Cl-34m	TALYS-6a	0		10
Ti-45(n,4n)Ti-42	TALYS-6a	0		12
Ti-45(n,2np)Sc-43	TALYS-6a	0		28
Ti-45(n,3np)Sc-42g	TALYS-6a	0		16
Ti-45(n,3np)Sc-42m	TALYS-6a	0		16
Ti-45(n,n'2p)Ca-43	TALYS-6a	0	[8]	30
Ti-45(n,n'pa)K-40	TALYS-6a	0	[8]	29
>Ti-45(n,g)Ti-46	TALYS-6a	0		100
Ti-45(n,p)Sc-45g	TALYS-6a	0	[2]	100
Ti-45(n,p)Sc-45m	TALYS-6a	0	[2]	100
Ti-45(n,d)Sc-44g	TALYS-6a	0		52
Ti-45(n,d)Sc-44m	TALYS-6a	0		51
Ti-45(n,t)Sc-43	TALYS-6a	0	[8]	41
Ti-45(n,h)Ca-43	TALYS-6a	0	[8]	44
Ti-45(n,a)Ca-42	TALYS-6a	0	[2]	100
Ti-45(n,2a)Ar-38	TALYS-6a	0	[8]	64
Ti-45(n,3a)S-34	TALYS-6a	0	[8]	31
Ti-45(n,2p)Ca-44	TALYS-6a	0	[8]	62
Ti-45(n,pa)K-41	TALYS-6a	0	[8]	51
Ti-45(n,t2a)Cl-35	TALYS-6a	0	[8]	18
Ti-45(n,d2a)Cl-36	TALYS-6a	0	[8]	21
Ti-45(n,pd)Ca-43	TALYS-6a	0	[8]	33
Ti-45(n,pt)Ca-42	TALYS-6a	0	[8]	31
Ti-45(n,da)K-40	TALYS-6a	0	[8]	31
Ti-45(n,2nt)Sc-41	TALYS-6a	0		14
Ti-45(n,ta)K-39	TALYS-6a	0	[8]	29
Ti-45(n,4np)Sc-41	TALYS-6a	0		10
Ti-45(n,3nd)Sc-41	TALYS-6a	0		11
Ti-45(n,n'da)K-39	TALYS-6a	0	[8]	23
Ti-45(n,2npa)K-39	TALYS-6a	0	[8]	21
Ti-45(n,2nh)Ca-41	TALYS-6a	0	[8]	18
Ti-45(n,3nh)Ca-40	TALYS-6a	0		13
Ti-45(n,3n2p)Ca-41	TALYS-6a	0		14
Ti-45(n,3n2a)Ar-35	TALYS-6a	0	[8]	10
Ti-45(n,3npa)K-38g	TALYS-6a	0		12
Ti-45(n,3npa)K-38m	TALYS-6a	0		12
Ti-45(n,dt)Ca-41	TALYS-6a	0	[8]	20
Ti-45(n,n'pd)Ca-42	TALYS-6a	0	[8]	24
Ti-45(n,n'pt)Ca-41	TALYS-6a	0	[8]	19
Ti-45(n,n'dt)Ca-40	TALYS-6a	0	[8]	14
Ti-45(n,n'ph)K-41	TALYS-6a	0	[8]	18
Ti-45(n,n'dh)K-40	TALYS-6a	0	[8]	13
Ti-45(n,n'th)K-39	TALYS-6a	0	[8]	12

Ti-45(n,n'ta)K-38g	TALYS-6a	0		16	Ti-47(n,n'pa)K-42	TALYS-6a	0 [8]	24
Ti-45(n,n'ta)K-38m	TALYS-6a	0		16	Ti-47(n,g)Ti-48	JENDL-3.1	4 [14,13]	2955
Ti-45(n,2n2p)Ca-42	TALYS-6a	0 [8]		22	Ti-47(n,p)Sc-47	TALYS-5	6	100
Ti-45(n,ph)K-42	TALYS-6a	0		26	Ti-47(n,d)Sc-46g	TALYS-6a	0	44
Ti-45(n,dh)K-41	TALYS-6a	0 [8]		20	Ti-47(n,d)Sc-46m	TALYS-6a	0	44
Ti-45(n,ha)Ar-39	TALYS-6a	0 [8]		27	Ti-47(n,t)Sc-45g	TALYS-6a	0	39
Ti-45(n,4n2p)Ca-40	TALYS-6a	0 [8]		9	Ti-47(n,t)Sc-45m	TALYS-6a	0	39
Ti-45(n,3p)K-43	TALYS-6a	0 [8]		28	Ti-47(n,h)Ca-45	TALYS-6a	0 [8]	37
Ti-45(n,n'3p)K-42	TALYS-6a	0 [8]		18	Ti-47(n,a)Ca-44	TALYS-6a	0 [9,2,3]	6152
Ti-45(n,3n2pa)Ar-37	TALYS-6a	0 [8]		9	Ti-47(n,2a)Ar-40	TALYS-6a	0 [8]	41
Ti-46(n,2nd)Sc-43	TALYS-6a	0		17	Ti-47(n,3a)S-36	TALYS-6a	0 [8]	25
Ti-46(n,2n)Ti-45	JENDL-3.3	6 [13,3]		54	Ti-47(n,2p)Ca-46	TALYS-6a	0 [8]	43
Ti-46(n,3n)Ti-44	TALYS-6a	0		23	Ti-47(n,pa)K-43	TALYS-6a	0 [8]	37
Ti-46(n,n'a)Ca-42	TALYS-6a	0 [8]		43	Ti-47(n,t2a)Cl-37	TALYS-6a	0 [8]	16
Ti-46(n,n'3a)S-34	TALYS-6a	0 [8]		17	Ti-47(n,d2a)Cl-38g	TALYS-6a	0	15
Ti-46(n,2na)Ca-41	TALYS-6a	0 [8]		26	Ti-47(n,d2a)Cl-38m	TALYS-6a	0	15
Ti-46(n,3na)Ca-40	TALYS-6a	0 [8]		17	Ti-47(n,pd)Ca-45	TALYS-6a	0 [8]	29
Ti-46(n,n'p)Sc-45g	TALYS-6a	0		40	Ti-47(n,pt)Ca-44	TALYS-6a	0 [8]	27
Ti-46(n,n'p)Sc-45m	TALYS-6a	0		40	Ti-47(n,da)K-42	TALYS-6a	0 [8]	26
Ti-46(n,n'2a)Ar-38	TALYS-6a	0 [8]		28	Ti-47(n,5n)Ti-43	TALYS-6a	0	7
Ti-46(n,2n2a)Ar-37	TALYS-6a	0 [8]		16	Ti-47(n,2nt)Sc-43	TALYS-6a	0	15
Ti-46(n,n'd)Sc-44g	TALYS-6a	0		26	Ti-47(n,ta)K-41	TALYS-6a	0 [8]	25
Ti-46(n,n'd)Sc-44m	TALYS-6a	0		26	Ti-47(n,4np)Sc-43	TALYS-6a	0	11
Ti-46(n,n't)Sc-43	TALYS-5	5		23	Ti-47(n,3nd)Sc-43	TALYS-6a	0	12
Ti-46(n,n'h)Ca-43	TALYS-6a	0 [8]		24	Ti-47(n,n'da)K-41	TALYS-6a	0 [8]	19
Ti-46(n,n'd2a)Cl-36	TALYS-6a	0 [8]		12	Ti-47(n,2npa)K-41	TALYS-6a	0 [8]	17
Ti-46(n,n't2a)Cl-35	TALYS-6a	0 [8]		10	Ti-47(n,4na)Ca-40	TALYS-6a	0 [8]	12
Ti-46(n,4n)Ti-43	TALYS-6a	0		12	Ti-47(n,3nt)Sc-42g	TALYS-6a	0	9
Ti-46(n,2np)Sc-44g	TALYS-6a	0		24	Ti-47(n,3nt)Sc-42m	TALYS-6a	0	9
Ti-46(n,2np)Sc-44m	TALYS-6a	0		24	Ti-47(n,2nh)Ca-43	TALYS-6a	0	16
Ti-46(n,3np)Sc-43	TALYS-6a	0		15	Ti-47(n,3nh)Ca-42	TALYS-6a	0	12
Ti-46(n,n'2p)Ca-44	TALYS-6a	0 [8]		28	Ti-47(n,4nh)Ca-41	TALYS-6a	0	7
Ti-46(n,n'pa)K-41	TALYS-6a	0 [8]		26	Ti-47(n,3n2p)Ca-43	TALYS-6a	0	12
Ti-46(n,g)Ti-47	JENDL-3.1	4 [13]		2791	Ti-47(n,3n2a)Ar-37	TALYS-6a	0 [8]	11
Ti-46(n,p)Sc-46g	FEI	6 [13,4]		210	Ti-47(n,3npa)K-40	TALYS-6a	0 [8]	11
Ti-46(n,p)Sc-46m	FEI	4 [13,4,7,8]		208	Ti-47(n,dt)Ca-43	TALYS-6a	0 [8]	18
Ti-46(n,d)Sc-45g	TALYS-6a	0		44	Ti-47(n,n'pd)Ca-44	TALYS-6a	0 [8]	21
Ti-46(n,d)Sc-45m	TALYS-6a	0		44	Ti-47(n,n'pt)Ca-43	TALYS-6a	0 [8]	16
Ti-46(n,t)Sc-44g	TALYS-5a	5		34	Ti-47(n,n'dt)Ca-42	TALYS-6a	0 [8]	13
Ti-46(n,t)Sc-44m	TALYS-5a	5		33	Ti-47(n,n'ph)K-43	TALYS-6a	0 [8]	15
Ti-46(n,h)Ca-44	TALYS-6a	0 [8]		40	Ti-47(n,n'dh)K-42	TALYS-6a	0 [8]	11
Ti-46(n,a)Ca-43	TALYS-6a	0 [2,8]		81	Ti-47(n,n'th)K-41	TALYS-6a	0 [8]	10
Ti-46(n,2a)Ar-39	TALYS-6a	0 [8]		39	Ti-47(n,n'ta)K-40	TALYS-6a	0 [8]	15
Ti-46(n,3a)S-35	TALYS-6a	0 [8]		24	Ti-47(n,2n2p)Ca-44	TALYS-6a	0 [8]	19
Ti-46(n,2p)Ca-45	TALYS-6a	0 [8]		40	Ti-47(n,ph)K-44	TALYS-6a	0 [8]	20
Ti-46(n,pa)K-42	TALYS-6a	0 [8]		35	Ti-47(n,dh)K-43	TALYS-6a	0 [8]	15
Ti-46(n,t2a)Cl-36	TALYS-6a	0 [8]		15	Ti-47(n,ha)Ar-41	TALYS-6a	0 [8]	20
Ti-46(n,d2a)Cl-37	TALYS-6a	0 [8]		18	Ti-47(n,4n2p)Ca-42	TALYS-6a	0	8
Ti-46(n,pd)Ca-44	TALYS-6a	0 [8]		30	Ti-47(n,4npa)K-39	TALYS-6a	0 [8]	7
Ti-46(n,pt)Ca-43	TALYS-6a	0 [8]		25	Ti-47(n,3p)K-45	TALYS-6a	0 [8]	21
Ti-46(n,da)K-41	TALYS-6a	0 [8]		28	Ti-47(n,n'3p)K-44	TALYS-6a	0 [8]	14
Ti-46(n,2nt)Sc-42g	TALYS-6a	0		13	Ti-47(n,3n2pa)Ar-39	TALYS-6a	0 [8]	7
Ti-46(n,2nt)Sc-42m	TALYS-6a	0		13	Ti-48(n,2nd)Sc-45g	TALYS-6a	0	17
Ti-46(n,ta)K-40	TALYS-6a	0 [8]		24	Ti-48(n,2nd)Sc-45m	TALYS-6a	0	17
Ti-46(n,4np)Sc-42g	TALYS-6a	0		9	Ti-48(n,2n)Ti-47	TALYS-5a	4	38
Ti-46(n,4np)Sc-42m	TALYS-6a	0		9	Ti-48(n,3n)Ti-46	TALYS-6a	0	26
Ti-46(n,3nd)Sc-42g	TALYS-6a	0		10	Ti-48(n,n'a)Ca-44	TALYS-6a	0 [8]	40
Ti-46(n,3nd)Sc-42m	TALYS-6a	0		10	Ti-48(n,n'3a)S-36	TALYS-6a	0 [8]	15
Ti-46(n,n'da)K-40	TALYS-6a	0 [8]		17	Ti-48(n,2na)Ca-43	TALYS-6a	0 [8]	24
Ti-46(n,2npa)K-40	TALYS-6a	0 [8]		16	Ti-48(n,3na)Ca-42	TALYS-6a	0 [8]	16
Ti-46(n,4na)Ca-39	TALYS-6a	0 [8]		8	Ti-48(n,n'p)Sc-47	TALYS-6a	5	38
Ti-46(n,3nt)Sc-41	TALYS-6a	0 [8]		7	Ti-48(n,n'2a)Ar-40	TALYS-6a	0 [8]	24
Ti-46(n,2nh)Ca-42	TALYS-6a	0 [8]		16	Ti-48(n,2n2a)Ar-39	TALYS-6a	0 [8]	15
Ti-46(n,3nh)Ca-41	TALYS-6a	0		11	Ti-48(n,n'd)Sc-46g	TALYS-6a	0	26
Ti-46(n,4nh)Ca-40	TALYS-6a	0 [8]		6	Ti-48(n,n'd)Sc-46m	TALYS-6a	0	26
Ti-46(n,3n2p)Ca-42	TALYS-6a	0		13	Ti-48(n,n't)Sc-45g	TALYS-6a	0	23
Ti-46(n,3n2a)Ar-36	TALYS-6a	0 [8]		11	Ti-48(n,n't)Sc-45m	TALYS-6a	0	23
Ti-46(n,3npa)K-39	TALYS-6a	0 [8]		12	Ti-48(n,n'h)Ca-45	TALYS-6a	0 [8]	22
Ti-46(n,dt)Ca-42	TALYS-6a	0 [8]		19	Ti-48(n,n'd2a)Cl-38g	TALYS-6a	0	9
Ti-46(n,n'pd)Ca-43	TALYS-6a	0 [8]		19	Ti-48(n,n'd2a)Cl-38m	TALYS-6a	0	9
Ti-46(n,n'pt)Ca-42	TALYS-6a	0 [8]		17	Ti-48(n,n't2a)Cl-37	TALYS-6a	0 [8]	9
Ti-46(n,n'dt)Ca-41	TALYS-6a	0 [8]		12	Ti-48(n,4n)Ti-45	TALYS-6a	0	14
Ti-46(n,n'ph)K-42	TALYS-6a	0 [8]		14	Ti-48(n,2np)Sc-46g	TALYS-6a	0	24
Ti-46(n,n'dh)K-41	TALYS-6a	0 [8]		11	Ti-48(n,2np)Sc-46m	TALYS-6a	0	24
Ti-46(n,n'th)K-40	TALYS-6a	0 [8]		9	Ti-48(n,3np)Sc-45g	TALYS-6a	0	16
Ti-46(n,n'ta)K-39	TALYS-6a	0 [8]		16	Ti-48(n,3np)Sc-45m	TALYS-6a	0	16
Ti-46(n,2n2p)Ca-43	TALYS-6a	0 [8]		17	Ti-48(n,n'2p)Ca-46	TALYS-6a	0 [8]	25
Ti-46(n,ph)K-43	TALYS-6a	0 [8]		22	Ti-48(n,n'pa)K-43	TALYS-6a	0 [8]	22
Ti-46(n,dh)K-42	TALYS-6a	0 [8]		15	Ti-48(n,g)Ti-49	JENDL-3.1	4 [14,13]	943
Ti-46(n,ha)Ar-40	TALYS-6a	0 [8]		24	Ti-48(n,p)Sc-48	FEI	6 [13]	193
Ti-46(n,4n2p)Ca-41	TALYS-6a	0		7	Ti-48(n,d)Sc-47	JENDL-3.2/A	2 [13,3]	38
Ti-46(n,3p)K-44	TALYS-6a	0 [8]		22	Ti-48(n,t)Sc-46g	TALYS-5	5	33
Ti-46(n,n'3p)K-43	TALYS-6a	0 [8]		15	Ti-48(n,t)Sc-46m	TALYS-5	5	33
Ti-46(n,3n2pa)Ar-38	TALYS-6a	0 [8]		8	Ti-48(n,h)Ca-46	TALYS-6a	0 [8]	34
Ti-47(n,2nd)Sc-44g	TALYS-6a	0		18	Ti-48(n,a)Ca-45	FEI	4 [13,3]	60
Ti-47(n,2nd)Sc-44m	TALYS-6a	0		17	Ti-48(n,2a)Ar-41	TALYS-6a	0 [8]	30
Ti-47(n,2n)Ti-46	TALYS-6a	0		43	Ti-48(n,3a)S-37	TALYS-6a	0 [8]	16
Ti-47(n,3n)Ti-45	TALYS-5	5		24	Ti-48(n,2p)Ca-47	TALYS-6a	0 [8]	34
Ti-47(n,n'a)Ca-43	TALYS-6a	0 [8]		41	Ti-48(n,pa)K-44	TALYS-6a	0 [8]	29
Ti-47(n,n'3a)S-35	TALYS-6a	0 [8]		15	Ti-48(n,t2a)Cl-38g	TALYS-6a	0	12
Ti-47(n,2na)Ca-42	TALYS-6a	0 [8]		28	Ti-48(n,t2a)Cl-38m	TALYS-6a	0	12
Ti-47(n,3na)Ca-41	TALYS-6a	0 [8]		16	Ti-48(n,d2a)Cl-39	TALYS-6a	0 [8]	13
Ti-47(n,n'p)Sc-46g	TALYS-6a	0		40	Ti-48(n,pd)Ca-46	TALYS-6a	0 [8]	27
Ti-47(n,n'p)Sc-46m	TALYS-6a	0		40	Ti-48(n,pt)Ca-45	TALYS-6a	0 [8]	23
Ti-47(n,n'2a)Ar-39	TALYS-6a	0 [8]		26	Ti-48(n,da)K-43	TALYS-6a	0 [8]	24
Ti-47(n,2n2a)Ar-38	TALYS-6a	0 [8]		19	Ti-48(n,5n)Ti-44	TALYS-6a	0	9
Ti-47(n,n'd)Sc-45g	TALYS-6a	0		29	Ti-48(n,2nt)Sc-44g	TALYS-6a	0	14
Ti-47(n,n'd)Sc-45m	TALYS-6a	0		29	Ti-48(n,2nt)Sc-44m	TALYS-6a	0	14
Ti-47(n,n't)Sc-44g	TALYS-6a	0		24	Ti-48(n,ta)K-42	TALYS-6a	0 [8]	20
Ti-47(n,n't)Sc-44m	TALYS-6a	0		23	Ti-48(n,4np)Sc-44g	TALYS-6a	0	10
Ti-47(n,n'h)Ca-44	TALYS-6a	0 [8]		26	Ti-48(n,4np)Sc-44m	TALYS-6a	0	10
Ti-47(n,n'd2a)Cl-37	TALYS-6a	0 [8]		12	Ti-48(n,3nd)Sc-44g	TALYS-6a	0	11
Ti-47(n,n't2a)Cl-36	TALYS-6a	0 [8]		10	Ti-48(n,3nd)Sc-44m	TALYS-6a	0	11
Ti-47(n,4n)Ti-44	TALYS-6a	0		15	Ti-48(n,n'da)K-42	TALYS-6a	0 [8]	15
Ti-47(n,2np)Sc-45g	TALYS-6a	0		27	Ti-48(n,2npa)K-42	TALYS-6a	0 [8]	14
Ti-47(n,2np)Sc-45m	TALYS-6a	0		27	Ti-48(n,5np)Sc-43	TALYS-6a	0	5
Ti-47(n,3np)Sc-44g	TALYS-6a	0		16	Ti-48(n,4na)Ca-41	TALYS-6a	0 [8]	10
Ti-47(n,3np)Sc-44m	TALYS-6a	0		16	Ti-48(n,5na)Ca-40	TALYS-6a	0 [8]	6
Ti-47(n,n'2p)Ca-45	TALYS-6a	0		27	Ti-48(n,4nd)Sc-43	TALYS-6a	0	6

Reaction	Library			
Ti-48(n,3nt)Sc-43	TALYS-6a	0		9
Ti-48(n,2nh)Ca-44	TALYS-6a	0		16
Ti-48(n,3nh)Ca-43	TALYS-6a	0		10
Ti-48(n,4nh)Ca-42	TALYS-6a	0		6
Ti-48(n,3n2p)Ca-44	TALYS-6a	0		12
Ti-48(n,3n2a)Ar-38	TALYS-6a	0	[8]	12
Ti-48(n,3npa)K-41	TALYS-6a	0	[8]	11
Ti-48(n,dt)Ca-44	TALYS-6a	0	[8]	17
Ti-48(n,n'pd)Ca-45	TALYS-6a	0	[8]	17
Ti-48(n,n'pt)Ca-44	TALYS-6a	0	[8]	16
Ti-48(n,n'dt)Ca-43	TALYS-6a	0	[8]	11
Ti-48(n,n'ph)K-44	TALYS-6a	0	[8]	12
Ti-48(n,n'dh)K-43	TALYS-6a	0	[8]	10
Ti-48(n,n'th)K-42	TALYS-6a	0	[8]	8
Ti-48(n,n'ta)K-41	TALYS-6a	0	[8]	15
Ti-48(n,2n2p)Ca-45	TALYS-6a	0		16
Ti-48(n,ph)K-45	TALYS-6a	0	[8]	17
Ti-48(n,dh)K-44	TALYS-6a	0	[8]	13
Ti-48(n,ha)Ar-42	TALYS-6a	0	[8]	18
Ti-48(n,4n2p)Ca-43	TALYS-6a	0	[8]	6
Ti-48(n,3p)K-46	TALYS-6a	0	[8]	16
Ti-48(n,n'3p)K-45	TALYS-6a	0	[8]	13
Ti-49(n,2nd)Sc-46g	TALYS-6a	0		18
Ti-49(n,2nd)Sc-46m	TALYS-6a	0		18
Ti-49(n,2n)Ti-48	TALYS-6a	0		45
Ti-49(n,3n)Ti-47	TALYS-6a	0		26
Ti-49(n,n'a)Ca-45	TALYS-6a	0	[8]	39
Ti-49(n,n'3a)S-37	TALYS-6a	0	[8]	12
Ti-49(n,2na)Ca-44	TALYS-6a	0	[8]	27
Ti-49(n,3na)Ca-43	TALYS-6a	0	[8]	16
Ti-49(n,n'p)Sc-48	TALYS-6a	0		38
Ti-49(n,n'2a)Ar-41	TALYS-6a	0	[8]	21
Ti-49(n,2n2a)Ar-40	TALYS-6a	0	[8]	16
Ti-49(n,n'd)Sc-47	TALYS-6a	0		29
Ti-49(n,n't)Sc-46g	TALYS-6a	0		24
Ti-49(n,n't)Sc-46m	TALYS-6a	0		24
Ti-49(n,n'h)Ca-46	TALYS-6a	0	[8]	24
Ti-49(n,n'd2a)Cl-39	TALYS-6a	0	[8]	9
Ti-49(n,4n)Ti-46	TALYS-6a	0		17
Ti-49(n,2np)Sc-47	TALYS-6a	0		27
Ti-49(n,3np)Sc-46g	TALYS-6a	0		16
Ti-49(n,3np)Sc-46m	TALYS-6a	0		16
Ti-49(n,n'2p)Ca-47	TALYS-6a	0	[8]	24
Ti-49(n,n'pa)K-44	TALYS-6a	0	[8]	21
Ti-49(n,g)Ti-50	JENDL-3.1	4	[14,13]	1815
Ti-49(n,p)Sc-49	JENDL-3.1	6	[13,8]	56
Ti-49(n,d)Sc-48	TALYS-6a	0	[8]	42
Ti-49(n,t)Sc-47	TALYS-6a	0	[8]	38
Ti-49(n,h)Ca-47	TALYS-6a	0	[8]	33
Ti-49(n,a)Ca-46	TALYS-6a	0	[2]	98
Ti-49(n,2a)Ar-42	TALYS-6a	0	[8]	31
Ti-49(n,2p)Ca-48	TALYS-6a	0	[8]	38
Ti-49(n,pa)K-45	TALYS-6a	0	[8]	30
Ti-49(n,d2a)Cl-40	TALYS-6a	0	[8]	12
Ti-49(n,pd)Ca-47	TALYS-6a	0	[8]	26
Ti-49(n,pt)Ca-46	TALYS-6a	0	[8]	25
Ti-49(n,da)K-44	TALYS-6a	0	[8]	23
Ti-49(n,5n)Ti-45	TALYS-6a	0		10
Ti-49(n,6n)Ti-44	TALYS-6a	0		5
Ti-49(n,2nt)Sc-45g	TALYS-6a	0		16
Ti-49(n,2nt)Sc-45m	TALYS-6a	0		16
Ti-49(n,ta)K-43	TALYS-6a	0	[8]	22
Ti-49(n,4np)Sc-45g	TALYS-6a	0		12
Ti-49(n,4np)Sc-45m	TALYS-6a	0		12
Ti-49(n,3nd)Sc-45g	TALYS-6a	0		13
Ti-49(n,3nd)Sc-45m	TALYS-6a	0		13
Ti-49(n,n'da)K-43	TALYS-6a	0	[8]	16
Ti-49(n,2npa)K-43	TALYS-6a	0	[8]	16
Ti-49(n,5np)Sc-44g	TALYS-6a	0		6
Ti-49(n,5np)Sc-44m	TALYS-6a	0		6
Ti-49(n,4na)Ca-42	TALYS-6a	0	[8]	12
Ti-49(n,5na)Ca-41	TALYS-6a	0	[8]	6
Ti-49(n,4nd)Sc-44g	TALYS-6a	0		7
Ti-49(n,4nd)Sc-44m	TALYS-6a	0		7
Ti-49(n,3nt)Sc-44g	TALYS-6a	0		10
Ti-49(n,3nt)Sc-44m	TALYS-6a	0		10
Ti-49(n,4nt)Sc-43	TALYS-6a	0		5
Ti-49(n,2nh)Ca-45	TALYS-6a	0	[8]	15
Ti-49(n,3nh)Ca-44	TALYS-6a	0		12
Ti-49(n,4nh)Ca-43	TALYS-6a	0		6
Ti-49(n,3n2p)Ca-45	TALYS-6a	0		12
Ti-49(n,3n2a)Ar-39	TALYS-6a	0	[8]	11
Ti-49(n,3npa)K-42	TALYS-6a	0	[8]	10
Ti-49(n,dt)Ca-45	TALYS-6a	0	[8]	16
Ti-49(n,n'pd)Ca-46	TALYS-6a	0	[8]	19
Ti-49(n,n'pt)Ca-45	TALYS-6a	0		16
Ti-49(n,n'dt)Ca-44	TALYS-6a	0	[8]	13
Ti-49(n,n'ph)K-45	TALYS-6a	0	[8]	13
Ti-49(n,n'dh)K-44	TALYS-6a	0	[8]	9
Ti-49(n,n'th)K-43	TALYS-6a	0	[8]	9
Ti-49(n,n'ta)K-42	TALYS-6a	0	[8]	14
Ti-49(n,2n2p)Ca-46	TALYS-6a	0	[8]	17
Ti-49(n,ph)K-46	TALYS-6a	0	[8]	16
Ti-49(n,dh)K-45	TALYS-6a	0	[8]	14
Ti-49(n,4n2p)Ca-44	TALYS-6a	0		8
Ti-49(n,4n2a)Ar-38	TALYS-6a	0	[8]	7
Ti-49(n,4npa)K-41	TALYS-6a	0	[8]	6
Ti-49(n,n'3p)K-46	TALYS-6a	0	[8]	12
Ti-50(n,2nd)Sc-47	TALYS-6a	0		18
Ti-50(n,2n)Ti-49	TALYS-6a	0		39
Ti-50(n,3n)Ti-48	TALYS-6a	0		27
Ti-50(n,n'a)Ca-46	TALYS-6a	0	[8]	38
Ti-50(n,2na)Ca-45	TALYS-6a	0	[8]	24
Ti-50(n,3na)Ca-44	TALYS-6a	0	[8]	16
Ti-50(n,n'p)Sc-49	TALYS-6a	0	[8]	36
Ti-50(n,n'2a)Ar-42	TALYS-6a	0	[8]	19
Ti-50(n,2n2a)Ar-41	TALYS-6a	0	[8]	13
Ti-50(n,n'd)Sc-48	TALYS-6a	0		26
Ti-50(n,n't)Sc-47	TALYS-6a	0		24
Ti-50(n,n'h)Ca-47	TALYS-6a	0	[8]	21
Ti-50(n,4n)Ti-47	TALYS-6a	0		16
Ti-50(n,2np)Sc-48	TALYS-6a	0		24
Ti-50(n,3np)Sc-47	TALYS-6a	0		16
Ti-50(n,n'2p)Ca-48	TALYS-6a	0		24
Ti-50(n,n'pa)K-45	TALYS-6a	0	[8]	19
>Ti-50(n,g)Ti-51	JENDL-3.1	4	[14,7,13,9]	4589
Ti-50(n,p)Sc-50g	JEFF-3.1	2	[4,3,12,4]	122
Ti-50(n,p)Sc-50m	JEFF-3.1	1	[4,7,8,12,4]	120
Ti-50(n,d)Sc-49	TALYS-6a	0		41
Ti-50(n,t)Sc-48	TALYS-6a	0		33
Ti-50(n,h)Ca-48	TALYS-6a	0	[8]	31
Ti-50(n,a)Ca-47	JENDL-3.2/A	5	[13,8]	42
Ti-50(n,2a)Ar-43	TALYS-6a	0	[8]	25
Ti-50(n,2p)Ca-49	ADL-3	1	[13]	29
Ti-50(n,pa)K-46	TALYS-6a	0	[8]	26
Ti-50(n,pd)Ca-48	TALYS-6a	0	[8]	26
Ti-50(n,pt)Ca-47	TALYS-6a	0	[8]	21
Ti-50(n,da)K-45	TALYS-6a	0	[8]	21
Ti-50(n,5n)Ti-46	TALYS-6a	0		11
Ti-50(n,6n)Ti-45	TALYS-6a	0		5
Ti-50(n,2nt)Sc-46g	TALYS-6a	0		15
Ti-50(n,2nt)Sc-46m	TALYS-6a	0		15
Ti-50(n,ta)K-44	TALYS-6a	0	[8]	18
Ti-50(n,4np)Sc-46g	TALYS-6a	0		10
Ti-50(n,4np)Sc-46m	TALYS-6a	0		10
Ti-50(n,3nd)Sc-46g	TALYS-6a	0		12
Ti-50(n,3nd)Sc-46m	TALYS-6a	0		12
Ti-50(n,n'da)K-44	TALYS-6a	0	[8]	14
Ti-50(n,2npa)K-44	TALYS-6a	0	[8]	13
Ti-50(n,5np)Sc-45g	TALYS-6a	0		6
Ti-50(n,5np)Sc-45m	TALYS-6a	0		6
Ti-50(n,4na)Ca-43	TALYS-6a	0		11
Ti-50(n,5na)Ca-42	TALYS-6a	0	[8]	6
Ti-50(n,4nd)Sc-45g	TALYS-6a	0		7
Ti-50(n,4nd)Sc-45m	TALYS-6a	0		7
Ti-50(n,3nt)Sc-45g	TALYS-6a	0		10
Ti-50(n,3nt)Sc-45m	TALYS-6a	0		10
Ti-50(n,4nt)Sc-44g	TALYS-6a	0		4
Ti-50(n,4nt)Sc-44m	TALYS-6a	0		4
Ti-50(n,2nh)Ca-46	TALYS-6a	0	[8]	15
Ti-50(n,3nh)Ca-45	TALYS-6a	0		10
Ti-50(n,4nh)Ca-44	TALYS-6a	0		6
Ti-50(n,3n2p)Ca-46	TALYS-6a	0	[8]	11
Ti-50(n,3n2a)Ar-40	TALYS-6a	0	[8]	10
Ti-50(n,3npa)K-43	TALYS-6a	0	[8]	9
Ti-50(n,dt)Ca-46	TALYS-6a	0	[8]	16
Ti-50(n,n'pd)Ca-47	TALYS-6a	0		16
Ti-50(n,n'pt)Ca-46	TALYS-6a	0	[8]	15
Ti-50(n,n'dt)Ca-45	TALYS-6a	0	[8]	11
Ti-50(n,n'ph)K-46	TALYS-6a	0	[8]	11
Ti-50(n,n'ta)K-43	TALYS-6a	0	[8]	13
Ti-50(n,2n2p)Ca-47	TALYS-6a	0		15
Ti-50(n,ph)K-47	TALYS-6a	0	[8]	15
Ti-50(n,ha)Ar-44	TALYS-6a	0	[8]	14
Ti-50(n,4n2p)Ca-45	TALYS-6a	0		6
V-48(n,2nd)Ti-45	TALYS-6a	0		19
V-48(n,2n)V-47	TALYS-6a	0		40
V-48(n,3n)V-46	TALYS-6a	0		22
V-48(n,n'a)Sc-44g	TALYS-6a	0		41
V-48(n,n'a)Sc-44m	TALYS-6a	0		40
V-48(n,n'3a)Cl-36	TALYS-6a	0	[8]	16
V-48(n,2na)Sc-43	TALYS-6a	0	[8]	26
V-48(n,3na)Sc-42g	TALYS-6a	0		15
V-48(n,3na)Sc-42m	TALYS-6a	0		15
V-48(n,n'p)Ti-47	TALYS-6a	0	[8]	50
V-48(n,n'2a)K-40	TALYS-6a	0	[8]	26
V-48(n,2n2a)K-39	TALYS-6a	0	[8]	18
V-48(n,n'd)Ti-46	TALYS-6a	0	[8]	33
V-48(n,n't)Ti-45	TALYS-6a	0	[8]	25
V-48(n,n'h)Sc-45g	TALYS-6a	0		26
V-48(n,n'h)Sc-45m	TALYS-6a	0		26
V-48(n,n'd2a)Ar-38	TALYS-6a	0	[8]	14
V-48(n,n't2a)Ar-37	TALYS-6a	0	[8]	11
V-48(n,4n)V-45	TALYS-6a	0		13
V-48(n,2np)Ti-46	TALYS-6a	0		30
V-48(n,3np)Ti-45	TALYS-6a	0		17
V-48(n,n'2p)Sc-46g	TALYS-6a	0		28
V-48(n,n'2p)Sc-46m	TALYS-6a	0		28
V-48(n,n'pa)Ca-43	TALYS-6a	0	[8]	28
V-48(n,g)V-49	MASGAM	0	[14,13]	83
V-48(n,p)Ti-48	TALYS-6a	0	[2]	100
V-48(n,d)Ti-47	TALYS-6a	0	[8]	60
V-48(n,t)Ti-46	TALYS-6a	0	[8]	47
V-48(n,h)Sc-46g	TALYS-6a	0		40
V-48(n,h)Sc-46m	TALYS-6a	0		39
V-48(n,a)Sc-45g	TALYS-6a	0	[2]	100
V-48(n,a)Sc-45m	TALYS-6a	0	[2]	100
V-48(n,2a)K-41	TALYS-6a	0	[8]	42
V-48(n,3a)Cl-37	TALYS-6a	0	[8]	26
V-48(n,2p)Sc-47	TALYS-6a	0	[8]	48
V-48(n,pa)Ca-44	TALYS-6a	0	[8]	52
V-48(n,t2a)Ar-38	TALYS-6a	0	[8]	18
V-48(n,d2a)Ar-39	TALYS-6a	0	[8]	18
V-48(n,pd)Sc-46g	TALYS-6a	0		30
V-48(n,pd)Sc-46m	TALYS-6a	0		30
V-48(n,pt)Sc-45g	TALYS-6a	0		27
V-48(n,pt)Sc-45m	TALYS-6a	0		27
V-48(n,da)Ca-43	TALYS-6a	0	[8]	30
V-48(n,2nt)Ti-44	TALYS-6a	0		16
V-48(n,ta)Ca-42	TALYS-6a	0	[8]	28
V-48(n,4np)Ti-44	TALYS-6a	0		12
V-48(n,3nd)Ti-44	TALYS-6a	0		13
V-48(n,n'da)Ca-42	TALYS-6a	0	[8]	22
V-48(n,2npa)Ca-42	TALYS-6a	0	[8]	20
V-48(n,4na)Sc-41	TALYS-6a	0	[8]	9
V-48(n,3nt)Sc-43	TALYS-6a	0		8
V-48(n,2nh)Sc-44g	TALYS-6a	0		16
V-48(n,2nh)Sc-44m	TALYS-6a	0		16

Reaction	Library		Ref	Value
V-48(n,3nh)Sc-43	TALYS-6a	0		11
V-48(n,3n2p)Sc-44g	TALYS-6a	0		12
V-48(n,3n2p)Sc-44m	TALYS-6a	0		12
V-48(n,3n2a)K-38g	TALYS-6a	0		10
V-48(n,3n2a)K-38m	TALYS-6a	0		10
V-48(n,3npa)Ca-41	TALYS-6a	0	[8]	12
V-48(n,dt)Sc-44g	TALYS-6a	0		17
V-48(n,dt)Sc-44m	TALYS-6a	0		17
V-48(n,n'pd)Sc-45g	TALYS-6a	0		21
V-48(n,n'pd)Sc-45m	TALYS-6a	0		21
V-48(n,n'pt)Sc-44g	TALYS-6a	0		16
V-48(n,n'pt)Sc-44m	TALYS-6a	0		16
V-48(n,n'dt)Sc-43	TALYS-6a	0	[8]	12
V-48(n,n'ph)Ca-44	TALYS-6a	0	[8]	19
V-48(n,n'dh)Ca-43	TALYS-6a	0	[8]	13
V-48(n,n'th)Ca-42	TALYS-6a	0	[8]	11
V-48(n,n'ta)Ca-41	TALYS-6a	0	[8]	16
V-48(n,2n2p)Sc-45g	TALYS-6a	0		19
V-48(n,2n2p)Sc-45m	TALYS-6a	0		19
V-48(n,ph)Ca-45	TALYS-6a	0	[8]	26
V-48(n,dh)Ca-44	TALYS-6a	0	[8]	20
V-48(n,ha)K-42	TALYS-6a	0	[8]	22
V-48(n,4n2p)Sc-43	TALYS-6a	0		7
V-48(n,4npa)Ca-40	TALYS-6a	0	[8]	8
V-48(n,3p)Ca-46	TALYS-6a	0	[8]	29
V-48(n,n'3p)Ca-45	TALYS-6a	0	[8]	18
V-48(n,3n2pa)K-40	TALYS-6a	0	[8]	7
V-49(n,2nd)Ti-46	TALYS-6a	0		21
V-49(n,2n)V-48	TALYS-6a	0		38
V-49(n,3n)V-47	TALYS-6a	0		24
V-49(n,n'a)Sc-45g	TALYS-6a	0		40
V-49(n,n'a)Sc-45m	TALYS-6a	0		40
V-49(n,n'3a)Cl-37	TALYS-6a	0	[8]	15
V-49(n,2na)Sc-44g	TALYS-6a	0		24
V-49(n,2na)Sc-44m	TALYS-6a	0		24
V-49(n,3na)Sc-43	TALYS-6a	0	[8]	15
V-49(n,n'p)Ti-48	TALYS-6a	0	[8]	50
V-49(n,n'2a)K-41	TALYS-6a	0	[8]	25
V-49(n,2n2a)K-40	TALYS-6a	0	[8]	15
V-49(n,n'd)Ti-47	TALYS-6a	0		30
V-49(n,n't)Ti-46	TALYS-6a	0		27
V-49(n,n'h)Sc-46g	TALYS-6a	0		24
V-49(n,n'h)Sc-46m	TALYS-6a	0		23
V-49(n,n'd2a)Ar-39	TALYS-6a	0	[8]	11
V-49(n,n't2a)Ar-38	TALYS-6a	0	[8]	11
V-49(n,4n)V-46	TALYS-6a	0		14
V-49(n,2np)Ti-47	TALYS-6a	0		28
V-49(n,3np)Ti-46	TALYS-6a	0		19
V-49(n,n'2p)Sc-47	TALYS-6a	0	[8]	27
V-49(n,n'pa)Ca-44	TALYS-6a	0	[8]	28
V-49(n,g)V-50	MASGAM	0	[14,13]	83
V-49(n,p)Ti-49	TALYS-6a	0	[2]	100
V-49(n,d)Ti-48	TALYS-6a	0	[8]	61
V-49(n,t)Ti-47	TALYS-6a	0	[8]	40
V-49(n,h)Sc-47	TALYS-6a	0	[8]	38
V-49(n,a)Sc-46g	TALYS-6a	0	[2]	78
V-49(n,a)Sc-46m	TALYS-6a	0	[2]	77
V-49(n,2a)K-42	TALYS-6a	0	[8]	33
V-49(n,3a)Cl-38g	TALYS-6a	0		19
V-49(n,3a)Cl-38m	TALYS-6a	0		19
V-49(n,2p)Sc-48	TALYS-6a	0	[8]	39
V-49(n,pa)Ca-45	TALYS-6a	0	[8]	39
V-49(n,t2a)Ar-39	TALYS-6a	0	[8]	15
V-49(n,d2a)Ar-40	TALYS-6a	0	[8]	16
V-49(n,pd)Sc-47	TALYS-6a	0	[8]	29
V-49(n,pt)Sc-46g	TALYS-6a	0		25
V-49(n,pt)Sc-46m	TALYS-6a	0		24
V-49(n,da)Ca-44	TALYS-6a	0	[8]	30
V-49(n,5n)V-45	TALYS-6a	0		7
V-49(n,2nt)Ti-45	TALYS-6a	0		15
V-49(n,ta)Ca-43	TALYS-6a	0	[8]	24
V-49(n,4np)Ti-45	TALYS-6a	0		11
V-49(n,3nd)Ti-45	TALYS-6a	0		12
V-49(n,n'da)Ca-43	TALYS-6a	0	[8]	18
V-49(n,2npa)Ca-43	TALYS-6a	0	[8]	16
V-49(n,5np)Ti-44	TALYS-6a	0		6
V-49(n,4na)Sc-42g	TALYS-6a	0		9
V-49(n,4na)Sc-42m	TALYS-6a	0		9
V-49(n,4nd)Ti-44	TALYS-6a	0		7
V-49(n,3nt)Ti-44	TALYS-6a	0		10
V-49(n,2nh)Sc-45g	TALYS-6a	0		16
V-49(n,2nh)Sc-45m	TALYS-6a	0		16
V-49(n,3nh)Sc-44g	TALYS-6a	0		10
V-49(n,3nh)Sc-44m	TALYS-6a	0		10
V-49(n,3n2p)Sc-45g	TALYS-6a	0		12
V-49(n,3n2p)Sc-45m	TALYS-6a	0		12
V-49(n,3n2a)K-39	TALYS-6a	0	[8]	11
V-49(n,3npa)Ca-42	TALYS-6a	0	[8]	12
V-49(n,dt)Sc-45g	TALYS-6a	0		17
V-49(n,dt)Sc-45m	TALYS-6a	0		17
V-49(n,n'pd)Sc-46g	TALYS-6a	0		18
V-49(n,n'pd)Sc-46m	TALYS-6a	0		18
V-49(n,n'pt)Sc-45g	TALYS-6a	0		16
V-49(n,n'pt)Sc-45m	TALYS-6a	0		16
V-49(n,n'dt)Sc-44g	TALYS-6a	0		11
V-49(n,n'dt)Sc-44m	TALYS-6a	0		11
V-49(n,n'ph)Ca-45	TALYS-6a	0	[8]	15
V-49(n,n'dh)Ca-44	TALYS-6a	0	[8]	12
V-49(n,n'th)Ca-43	TALYS-6a	0	[8]	10
V-49(n,n'ta)Ca-42	TALYS-6a	0		16
V-49(n,2n2p)Sc-46g	TALYS-6a	0		16
V-49(n,2n2p)Sc-46m	TALYS-6a	0		16
V-49(n,ph)Ca-46	TALYS-6a	0	[8]	25
V-49(n,dh)Ca-45	TALYS-6a	0	[8]	16
V-49(n,ha)K-43	TALYS-6a	0	[8]	20
V-49(n,4n2p)Sc-44g	TALYS-6a	0		6
V-49(n,4n2p)Sc-44m	TALYS-6a	0		6
V-49(n,4npa)Ca-41	TALYS-6a	0	[8]	7
V-49(n,3p)Ca-47	TALYS-6a	0	[8]	24
V-49(n,n'3p)Ca-46	TALYS-6a	0	[8]	17
V-50(n,2nd)Ti-47	TALYS-6a	0		20
V-50(n,2n)V-49	TALYS-6	1		42
V-50(n,3n)V-48	TALYS-6a	0		25
V-50(n,n'a)Sc-46g	TALYS-6a	0		39
V-50(n,n'a)Sc-46m	TALYS-6a	0		39
V-50(n,n'3a)Cl-38g	TALYS-6a	0		13
V-50(n,n'3a)Cl-38m	TALYS-6a	0		13
V-50(n,2na)Sc-45g	TALYS-6a	0		26
V-50(n,2na)Sc-45m	TALYS-6a	0		26
V-50(n,3na)Sc-44g	TALYS-6a	0		15
V-50(n,3na)Sc-44m	TALYS-6a	0		15
V-50(n,n'p)Ti-49	TALYS-6a	0		45
V-50(n,n'2a)K-42	TALYS-6a	0	[8]	22
V-50(n,2n2a)K-41	TALYS-6a	0	[8]	16
V-50(n,n'd)Ti-48	TALYS-6a	0	[8]	32
V-50(n,n't)Ti-47	TALYS-6a	0	[8]	26
V-50(n,n'h)Sc-47	TALYS-6a	0	[8]	25
V-50(n,n'd2a)Ar-40	TALYS-6a	0	[8]	11
V-50(n,n't2a)Ar-39	TALYS-6a	0	[8]	10
V-50(n,4n)V-47	TALYS-6a	0		15
V-50(n,2np)Ti-48	TALYS-6a	0		30
V-50(n,3np)Ti-47	TALYS-6a	0		18
V-50(n,n'2p)Sc-48	TALYS-6a	0	[8]	26
V-50(n,n'pa)Ca-45	TALYS-6a	0	[8]	26
V-50(n,g)V-51	SIGECN-MASGAM	2	[14,13]	955
V-50(n,p)Ti-50	ADL-3	2	[9,13,3,3]	957
V-50(n,d)Ti-49	TALYS-6a	0	[8]	55
V-50(n,t)Ti-48	TALYS-6a	0	[8]	45
V-50(n,h)Sc-48	TALYS-6a	0	[8]	36
V-50(n,a)Sc-47	TALYS-6	2	[3]	100
V-50(n,2a)K-43	TALYS-6a	0	[8]	33
V-50(n,3a)Cl-39	TALYS-6a	0	[8]	17
V-50(n,2p)Sc-49	TALYS-6a	0	[8]	41
V-50(n,pa)Ca-46	TALYS-6a	0	[8]	41
V-50(n,t2a)Ar-40	TALYS-6a	0	[8]	15
V-50(n,d2a)Ar-41	TALYS-6a	0	[8]	14
V-50(n,pd)Sc-48	TALYS-6a	0	[8]	28
V-50(n,pt)Sc-47	TALYS-6a	0	[8]	26
V-50(n,da)Ca-45	TALYS-6a	0	[8]	27
V-50(n,5n)V-46	TALYS-6a	0		9
V-50(n,2nt)Ti-46	TALYS-6a	0	[8]	17
V-50(n,ta)Ca-44	TALYS-6a	0	[8]	26
V-50(n,4np)Ti-46	TALYS-6a	0		13
V-50(n,3nd)Ti-46	TALYS-6a	0		14
V-50(n,n'da)Ca-44	TALYS-6a	0	[8]	20
V-50(n,2npa)Ca-44	TALYS-6a	0	[8]	18
V-50(n,5np)Ti-45	TALYS-6a	0		6
V-50(n,4na)Sc-43	TALYS-6a	0		11
V-50(n,4nd)Ti-45	TALYS-6a	0		7
V-50(n,3nt)Ti-45	TALYS-6a	0		10
V-50(n,4nt)Ti-44	TALYS-6a	0	[8]	5
V-50(n,2nh)Sc-46g	TALYS-6a	0		16
V-50(n,2nh)Sc-46m	TALYS-6a	0		15
V-50(n,3nh)Sc-45g	TALYS-6a	0		11
V-50(n,3nh)Sc-45m	TALYS-6a	0		11
V-50(n,3n2p)Sc-46g	TALYS-6a	0		12
V-50(n,3n2p)Sc-46m	TALYS-6a	0		12
V-50(n,3n2a)K-40	TALYS-6a	0	[8]	10
V-50(n,3npa)Ca-43	TALYS-6a	0	[8]	12
V-50(n,dt)Sc-46g	TALYS-6a	0		17
V-50(n,dt)Sc-46m	TALYS-6a	0		16
V-50(n,n'pd)Sc-47	TALYS-6a	0	[8]	20
V-50(n,n'pt)Sc-46g	TALYS-6a	0		16
V-50(n,n'pt)Sc-46m	TALYS-6a	0		15
V-50(n,n'dt)Sc-45g	TALYS-6a	0		12
V-50(n,n'dt)Sc-45m	TALYS-6a	0		12
V-50(n,n'ph)Ca-46	TALYS-6a	0	[8]	16
V-50(n,n'dh)Ca-45	TALYS-6a	0	[8]	11
V-50(n,n'th)Ca-44	TALYS-6a	0	[8]	10
V-50(n,n'ta)Ca-43	TALYS-6a	0	[8]	16
V-50(n,2n2p)Sc-47	TALYS-6a	0		18
V-50(n,ph)Ca-47	TALYS-6a	0	[8]	22
V-50(n,dh)Ca-46	TALYS-6a	0	[8]	16
V-50(n,ha)K-44	TALYS-6a	0	[8]	18
V-50(n,4n2p)Sc-45g	TALYS-6a	0		8
V-50(n,4n2p)Sc-45m	TALYS-6a	0		7
V-50(n,4npa)Ca-42	TALYS-6a	0	[8]	7
V-50(n,3p)Ca-48	TALYS-6a	0	[8]	25
V-50(n,n'3p)Ca-47	TALYS-6a	0	[8]	15
V-51(n,2nd)Ti-48	TALYS-6a	0		21
V-51(n,2n)V-50	TALYS-5	4	[3]	39
V-51(n,3n)V-49	TALYS-6a	0		26
>V-51(n,n'a)Sc-47	HEPRL	6	[13,3,3,3]	117
V-51(n,n'3a)Cl-39	TALYS-6a	0	[8]	11
V-51(n,2na)Sc-46g	TALYS-6a	0		24
V-51(n,2na)Sc-46m	TALYS-6a	0		24
V-51(n,3na)Sc-45g	TALYS-6a	0		16
V-51(n,3na)Sc-45m	TALYS-6a	0		16
V-51(n,n'p)Ti-50	ADL-3	1	[13]	44
V-51(n,n'2a)K-43	TALYS-6a	0	[8]	21
V-51(n,2n2a)K-42	TALYS-6a	0	[8]	13
V-51(n,n'd)Ti-49	TALYS-6a	0		29
V-51(n,n't)Ti-48	TALYS-6a	0		27
V-51(n,n'h)Sc-48	TALYS-6a	0	[8]	22
V-51(n,4n)V-48	TALYS-5	5		15
V-51(n,2np)Ti-49	TALYS-6a	0		27
V-51(n,3np)Ti-48	TALYS-6a	0		19
V-51(n,n'2p)Sc-49	TALYS-6a	0	[8]	25
V-51(n,n'pa)Ca-46	TALYS-6a	0	[8]	25
V-51(n,g)V-52	JENDL-3.1	6	[14,13]	3289
>V-51(n,p)Ti-51	JENDL-3.2/A	6	[12,3]	46
V-51(n,d)Ti-50	ENDF/B-VI(MDF)	2	[13]	40
V-51(n,t)Ti-49	LANL(HERMAN)	6	[13]	34
V-51(n,h)Sc-49	TALYS-5	5	[8]	34
V-51(n,a)Sc-48	HEPRL	6	[13]	179
V-51(n,2a)K-44	TALYS-6a	0	[8]	28
V-51(n,2p)Sc-50g	TALYS-6a	0		31
V-51(n,2p)Sc-50m	TALYS-6a	0		31

Reaction	Library			
V-51(n,pa)Ca-47	TALYS-5	5	[8]	33
V-51(n,d2a)Ar-42	TALYS-6a	0	[8]	13
V-51(n,pd)Sc-49	TALYS-6a	0	[8]	27
V-51(n,pt)Sc-48	TALYS-6a	0	[8]	23
V-51(n,da)Ca-46	TALYS-6a	0	[8]	27
V-51(n,5n)V-47	TALYS-6a	0		10
V-51(n,2nt)Ti-47	TALYS-6a	0		16
V-51(n,ta)Ca-45	TALYS-6a	0	[8]	22
V-51(n,4np)Ti-47	TALYS-6a	0		12
V-51(n,3nd)Ti-47	TALYS-6a	0		13
V-51(n,n'da)Ca-45	TALYS-6a	0	[8]	16
V-51(n,2npa)Ca-45	TALYS-6a	0	[8]	15
V-51(n,5np)Ti-46	TALYS-6a	0		7
V-51(n,4na)Sc-44g	TALYS-6a	0		10
V-51(n,4na)Sc-44m	TALYS-6a	0		10
V-51(n,4nd)Ti-46	TALYS-6a	0		8
V-51(n,3nt)Ti-46	TALYS-6a	0	[8]	11
V-51(n,2nh)Sc-47	TALYS-6a	0	[8]	15
V-51(n,3nh)Sc-46g	TALYS-6a	0		10
V-51(n,3nh)Sc-46m	TALYS-6a	0		10
V-51(n,4nh)Sc-45g	TALYS-6a	0		6
V-51(n,4nh)Sc-45m	TALYS-6a	0		6
V-51(n,3n2p)Sc-47	TALYS-6a	0		12
V-51(n,3n2a)K-41	TALYS-6a	0	[8]	10
V-51(n,3npa)Ca-44	TALYS-6a	0	[8]	12
V-51(n,dt)Sc-47	TALYS-6a	0	[8]	16
V-51(n,n'pd)Sc-48	TALYS-6a	0	[8]	17
V-51(n,n'pt)Sc-47	TALYS-6a	0	[8]	15
V-51(n,n'dt)Sc-46g	TALYS-6a	0		11
V-51(n,n'dt)Sc-46m	TALYS-6a	0		11
V-51(n,n'ph)Ca-47	TALYS-6a	0	[8]	14
V-51(n,n'dh)Ca-46	TALYS-6a	0	[8]	11
V-51(n,n'th)Ca-45	TALYS-6a	0	[8]	9
V-51(n,n'ta)Ca-44	TALYS-6a	0	[8]	16
V-51(n,2n2p)Sc-48	TALYS-6a	0		16
V-51(n,ph)Ca-48	TALYS-6a	0	[8]	22
V-51(n,dh)Ca-47	TALYS-6a	0	[8]	15
V-51(n,ha)K-45	TALYS-6a	0	[8]	16
V-51(n,4n2p)Sc-46g	TALYS-6a	0		6
V-51(n,4n2p)Sc-46m	TALYS-6a	0		6
V-51(n,4npa)Ca-43	TALYS-6a	0	[8]	6
V-51(n,n'3p)Ca-48	TALYS-6a	0	[8]	15
Cr-48(n,2nd)V-45	TALYS-6a	0		15
Cr-48(n,2n)Cr-47	IEAF-2001	0	[5,7,8]	42
Cr-48(n,3n)Cr-46	TALYS-6a	0		16
Cr-48(n,n'a)Ti-44	TALYS-6a	0	[8]	43
Cr-48(n,n'3a)Ar-36	TALYS-6a	0	[8]	17
Cr-48(n,2na)Ti-43	TALYS-6a	0	[8]	20
Cr-48(n,3na)Ti-42	TALYS-6a	0	[8]	12
Cr-48(n,n'p)V-47	TALYS-6a	0		45
Cr-48(n,n'2a)Ca-40	TALYS-6a	0	[8]	29
Cr-48(n,2n2a)Ca-39	TALYS-6a	0	[8]	14
Cr-48(n,n'd)V-46	TALYS-6a	0		27
Cr-48(n,n't)V-45	TALYS-6a	0		20
Cr-48(n,n'h)Ti-45	TALYS-6a	0	[8]	26
Cr-48(n,n'd2a)K-38g	TALYS-6a	0		11
Cr-48(n,n'd2a)K-38m	TALYS-6a	0		11
Cr-48(n,2np)V-46	TALYS-6a	0		25
Cr-48(n,3np)V-45	TALYS-6a	0		14
Cr-48(n,n'2p)Ti-46	TALYS-6a	0	[8]	33
Cr-48(n,n'pa)Sc-43	TALYS-6a	0	[8]	28
>Cr-48(n,g)Cr-49	TALYS-6a	0	[14]	100
Cr-48(n,p)V-48	TALYS-6a	0	[2]	100
Cr-48(n,d)V-47	TALYS-6a	0	[8]	54
Cr-48(n,t)V-46	TALYS-6a	0	[8]	35
Cr-48(n,h)Ti-46	TALYS-6a	0	[8]	52
Cr-48(n,a)Ti-45	TALYS-6a	0	[2]	100
Cr-48(n,2a)Ca-41	TALYS-6a	0	[8]	45
Cr-48(n,3a)Ar-37	TALYS-6a	0	[8]	27
Cr-48(n,2p)Ti-47	TALYS-6a	0	[8]	60
Cr-48(n,pa)Sc-44g	TALYS-6a	0		44
Cr-48(n,pa)Sc-44m	TALYS-6a	0		43
Cr-48(n,t2a)K-38g	TALYS-6a	0		14
Cr-48(n,t2a)K-38m	TALYS-6a	0		14
Cr-48(n,d2a)K-39	TALYS-6a	0	[8]	21
Cr-48(n,pd)Ti-46	TALYS-6a	0	[8]	37
Cr-48(n,pt)Ti-45	TALYS-6a	0	[8]	27
Cr-48(n,da)Sc-43	TALYS-6a	0	[8]	29
Cr-48(n,2nt)V-44	TALYS-6a	0	[8]	9
Cr-48(n,ta)Sc-42g	TALYS-6a	0		23
Cr-48(n,ta)Sc-42m	TALYS-6a	0		22
Cr-48(n,n'da)Sc-42g	TALYS-6a	0		16
Cr-48(n,n'da)Sc-42m	TALYS-6a	0		16
Cr-48(n,2npa)Sc-42g	TALYS-6a	0		16
Cr-48(n,2npa)Sc-42m	TALYS-6a	0		15
Cr-48(n,2nh)Ti-44	TALYS-6a	0	[8]	17
Cr-48(n,3nh)Ti-43	TALYS-6a	0	[8]	8
Cr-48(n,3n2p)Ti-44	TALYS-6a	0		13
Cr-48(n,3npa)Sc-41	TALYS-6a	0	[8]	9
Cr-48(n,dt)Ti-44	TALYS-6a	0	[8]	19
Cr-48(n,n'pd)Ti-45	TALYS-6a	0	[8]	21
Cr-48(n,n'pt)Ti-44	TALYS-6a	0	[8]	17
Cr-48(n,n'dt)Ti-43	TALYS-6a	0	[8]	9
Cr-48(n,n'ph)Sc-44g	TALYS-6a	0		17
Cr-48(n,n'ph)Sc-44m	TALYS-6a	0		16
Cr-48(n,n'dh)Sc-43	TALYS-6a	0	[8]	12
Cr-48(n,n'ta)Sc-41	TALYS-6a	0	[8]	13
Cr-48(n,2n2p)Ti-45	TALYS-6a	0		19
Cr-48(n,ph)Sc-45g	TALYS-6a	0		28
Cr-48(n,ph)Sc-45m	TALYS-6a	0		29
Cr-48(n,dh)Sc-44g	TALYS-6a	0		18
Cr-48(n,dh)Sc-44m	TALYS-6a	0		17
Cr-48(n,ha)Ca-42	TALYS-6a	0	[8]	28
Cr-48(n,3p)Sc-46g	TALYS-6a	0		29
Cr-48(n,3p)Sc-46m	TALYS-6a	0		29
Cr-48(n,n'3p)Sc-45g	TALYS-6a	0		20
Cr-48(n,n'3p)Sc-45m	TALYS-6a	0		20
Cr-48(n,3n2pa)Ca-40	TALYS-6a	0	[8]	8
Cr-50(n,2nd)V-47	TALYS-6a	0		16
Cr-50(n,2n)Cr-49	IEAF-2001	5	[5,7,8]	52
Cr-50(n,3n)Cr-48	TALYS-5	5		22
Cr-50(n,n'a)Ti-46	TALYS-6a	0	[8]	42
Cr-50(n,n'3a)Ar-38	TALYS-6a	0	[8]	15
Cr-50(n,2na)Ti-45	TALYS-6a	0	[8]	23
Cr-50(n,3na)Ti-44	TALYS-6a	0	[8]	15
Cr-50(n,n'p)V-49	EFF-2.4	2	[13,3]	38
Cr-50(n,n'2a)Ca-42	TALYS-6a	0	[8]	25
Cr-50(n,2n2a)Ca-41	TALYS-6a	0	[8]	15
Cr-50(n,n'd)V-48	TALYS-6a	0		27
Cr-50(n,n't)V-47	TALYS-6a	0	[8]	22
Cr-50(n,n'h)Ti-47	TALYS-6a	0	[8]	24
Cr-50(n,n'd2a)K-40	TALYS-6a	0	[8]	10
Cr-50(n,n't2a)K-39	TALYS-6a	0	[8]	9
Cr-50(n,4n)Cr-47	TALYS-6a	0		11
Cr-50(n,2np)V-48	TALYS-6a	0		25
Cr-50(n,3np)V-47	TALYS-6a	0		15
Cr-50(n,n'2p)Ti-48	TALYS-6a	0	[8]	29
Cr-50(n,n'pa)Sc-45g	TALYS-6a	0		25
Cr-50(n,n'pa)Sc-45m	TALYS-6a	0		25
Cr-50(n,g)Cr-51	EFF-2.4	4	[13]	9541
Cr-50(n,p)V-50	EFF-2.4	4	[13,3]	71
Cr-50(n,d)V-49	EFF-2.4	2	[13,3]	34
Cr-50(n,t)V-48	TALYS-5a	5	[8]	35
Cr-50(n,h)Ti-48	TALYS-6a	0	[8]	42
Cr-50(n,a)Ti-47	TALYS-5	2		100
Cr-50(n,2a)Ca-43	TALYS-6a	0	[8]	35
Cr-50(n,3a)Ar-39	TALYS-6a	0	[8]	21
Cr-50(n,2p)Ti-49	TALYS-6a	0	[8]	43
Cr-50(n,pa)Sc-46g	TALYS-6a	0		36
Cr-50(n,pa)Sc-46m	TALYS-6a	0		35
Cr-50(n,t2a)K-40	TALYS-6a	0	[8]	13
Cr-50(n,d2a)K-41	TALYS-6a	0	[8]	15
Cr-50(n,pd)Ti-48	TALYS-6a	0	[8]	31
Cr-50(n,pt)Ti-47	TALYS-6a	0	[8]	25
Cr-50(n,da)Sc-45g	TALYS-6a	0		27
Cr-50(n,da)Sc-45m	TALYS-6a	0		27
Cr-50(n,2nt)V-46	TALYS-6a	0		13
Cr-50(n,ta)Sc-44g	TALYS-6a	0		21
Cr-50(n,ta)Sc-44m	TALYS-6a	0		21
Cr-50(n,4np)V-46	TALYS-6a	0		9
Cr-50(n,3nd)V-46	TALYS-6a	0		10
Cr-50(n,n'da)Sc-44g	TALYS-6a	0		16
Cr-50(n,n'da)Sc-44m	TALYS-6a	0		16
Cr-50(n,2npa)Sc-44g	TALYS-6a	0		15
Cr-50(n,2npa)Sc-44m	TALYS-6a	0		15
Cr-50(n,2nh)Ti-46	TALYS-6a	0	[8]	16
Cr-50(n,3nh)Ti-45	TALYS-6a	0		10
Cr-50(n,3n2p)Ti-46	TALYS-6a	0	[8]	12
Cr-50(n,3n2a)Ca-40	TALYS-6a	0	[8]	10
Cr-50(n,3npa)Sc-43	TALYS-6a	0	[8]	10
Cr-50(n,dt)Ti-46	TALYS-6a	0	[8]	18
Cr-50(n,n'pd)Ti-47	TALYS-6a	0	[8]	19
Cr-50(n,n'pt)Ti-46	TALYS-6a	0	[8]	16
Cr-50(n,n'dt)Ti-45	TALYS-6a	0		11
Cr-50(n,n'ph)Sc-46g	TALYS-6a	0		15
Cr-50(n,n'ph)Sc-46m	TALYS-6a	0		14
Cr-50(n,n'dh)Sc-45g	TALYS-6a	0		11
Cr-50(n,n'dh)Sc-45m	TALYS-6a	0		11
Cr-50(n,n'th)Sc-44g	TALYS-6a	0		8
Cr-50(n,n'th)Sc-44m	TALYS-6a	0		8
Cr-50(n,n'ta)Sc-43	TALYS-6a	0	[8]	14
Cr-50(n,2n2p)Ti-47	TALYS-6a	0	[8]	17
Cr-50(n,ph)Sc-47	TALYS-6a	0	[8]	23
Cr-50(n,dh)Sc-46g	TALYS-6a	0		15
Cr-50(n,dh)Sc-46m	TALYS-6a	0		15
Cr-50(n,ha)Ca-44	TALYS-6a	0	[8]	24
Cr-50(n,4n2p)Ti-45	TALYS-6a	0		6
Cr-50(n,3p)Sc-48	TALYS-6a	0	[8]	24
Cr-50(n,n'3p)Sc-47	TALYS-6a	0	[8]	16
Cr-50(n,3n2pa)Ca-42	TALYS-6a	0	[8]	6
Cr-51(n,2nd)V-48	TALYS-6a	0		18
Cr-51(n,2n)Cr-50	TALYS-6a	0		43
Cr-51(n,3n)Cr-49	TALYS-6a	0		24
Cr-51(n,n'a)Ti-47	TALYS-6a	0	[8]	41
Cr-51(n,n'3a)Ar-39	TALYS-6a	0	[8]	14
Cr-51(n,2na)Ti-46	TALYS-6a	0	[8]	27
Cr-51(n,3na)Ti-45	TALYS-6a	0	[8]	15
Cr-51(n,n'p)V-50	TALYS-6a	0		42
Cr-51(n,n'2a)Ca-43	TALYS-6a	0	[8]	24
Cr-51(n,2n2a)Ca-42	TALYS-6a	0	[8]	16
Cr-51(n,n'd)V-49	TALYS-6a	0	[8]	29
Cr-51(n,n't)V-48	TALYS-6a	0		24
Cr-51(n,n'h)Ti-48	TALYS-6a	0	[8]	27
Cr-51(n,n'd2a)K-41	TALYS-6a	0	[8]	10
Cr-51(n,n't2a)K-40	TALYS-6a	0	[8]	8
Cr-51(n,4n)Cr-48	TALYS-6a	0		15
Cr-51(n,2np)V-49	TALYS-6a	0		27
Cr-51(n,3np)V-48	TALYS-6a	0		16
Cr-51(n,n'2p)Ti-49	TALYS-6a	0	[8]	28
Cr-51(n,n'pa)Sc-46g	TALYS-6a	0		24
Cr-51(n,n'pa)Sc-46m	TALYS-6a	0		24
>Cr-51(n,g)Cr-52	MASGAM	2	[14,13,3]	83
Cr-51(n,p)V-51	TALYS-6a	0	[2]	100
Cr-51(n,d)V-50	TALYS-6a	0	[8]	47
Cr-51(n,t)V-49	TALYS-6a	0		40
Cr-51(n,h)Ti-49	TALYS-6a	0	[8]	39
Cr-51(n,a)Ti-48	TALYS-6a	0	[2]	100
Cr-51(n,2a)Ca-44	TALYS-6a	0	[8]	39
Cr-51(n,3a)Ar-40	TALYS-6a	0	[8]	21
Cr-51(n,2p)Ti-50	TALYS-6a	0	[8]	49
Cr-51(n,pa)Sc-47	TALYS-6a	0	[8]	39
Cr-51(n,t2a)K-41	TALYS-6a	0	[8]	14
Cr-51(n,d2a)K-42	TALYS-6a	0	[8]	14
Cr-51(n,pd)Ti-49	TALYS-6a	0	[8]	30
Cr-51(n,pt)Ti-48	TALYS-6a	0	[8]	28
Cr-51(n,da)Sc-46g	TALYS-6a	0		26
Cr-51(n,da)Sc-46m	TALYS-6a	0		26
Cr-51(n,5n)Cr-47	TALYS-6a	0		6

Cr-51(n,2nt)V-47	TALYS-6a	0		15	Cr-53(n,n'3a)Ar-41	TALYS-6a	0 [8]	11
Cr-51(n,ta)Sc-45g	TALYS-6a	0		23	Cr-53(n,2na)Ti-48	TALYS-6a	0 [8]	28
Cr-51(n,ta)Sc-45m	TALYS-6a	0		23	Cr-53(n,3na)Ti-47	TALYS-6a	0 [8]	16
Cr-51(n,4np)V-47	TALYS-6a	0		11	Cr-53(n,n'p)V-52	TALYS-6a	0		39
Cr-51(n,3nd)V-47	TALYS-6a	0		12	Cr-53(n,n'2a)Ca-45	TALYS-6a	0 [8]	22
Cr-51(n,n'da)Sc-45g	TALYS-6a	0		17	Cr-53(n,2n2a)Ca-44	TALYS-6a	0 [8]	15
Cr-51(n,n'da)Sc-45m	TALYS-6a	0		17	Cr-53(n,n'd)V-51	TALYS-6a	0		30
Cr-51(n,2npa)Sc-45g	TALYS-6a	0		16	Cr-53(n,n't)V-50	TALYS-6a	0		25
Cr-51(n,2npa)Sc-45m	TALYS-6a	0		16	Cr-53(n,n'h)Ti-50	TALYS-6a	0 [8]	26
Cr-51(n,4na)Ti-44	TALYS-6a	0 [8]	10	Cr-53(n,4n)Cr-50	TALYS-6a	0		17
Cr-51(n,3nt)V-46	TALYS-6a	0		8	Cr-53(n,2np)V-51	TALYS-6a	0		28
Cr-51(n,2nh)Ti-47	TALYS-6a	0		16	Cr-53(n,3np)V-50	TALYS-6a	0		16
Cr-51(n,3nh)Ti-46	TALYS-6a	0 [8]	11	Cr-53(n,n'2p)Ti-51	TALYS-6a	0 [8]	25
Cr-51(n,3n2p)Ti-47	TALYS-6a	0 [8]	12	Cr-53(n,n'pa)Sc-48	TALYS-6a	0 [8]	23
Cr-51(n,3n2a)Ca-41	TALYS-6a	0 [8]	10	Cr-53(n,g)Cr-54	EFF-2.4	4 [9,2]	
Cr-51(n,3npa)Sc-44g	TALYS-6a	0		10	10989			
Cr-51(n,3npa)Sc-44m	TALYS-6a	0		10	Cr-53(n,p)V-53	JENDL-3.3	6 [13,3]	155
Cr-51(n,dt)Ti-47	TALYS-6a	0 [8]	18	Cr-53(n,d)V-52	TALYS-6a	0		43
Cr-51(n,n'pd)Ti-48	TALYS-6a	0 [8]	22	Cr-53(n,t)V-51	TALYS-6a	0 [8]	40
Cr-51(n,n'pt)Ti-47	TALYS-6a	0 [8]	16	Cr-53(n,h)Ti-51	TALYS-6a	5 [8]	34
Cr-51(n,n'dt)Ti-46	TALYS-6a	0 [8]	12	Cr-53(n,a)Ti-50	TALYS-5	2 [9,3,3]	
Cr-51(n,n'ph)Sc-47	TALYS-6a	0 [8]	15	10340			
Cr-51(n,n'dh)Sc-46g	TALYS-6a	0		11	Cr-53(n,2a)Ca-46	TALYS-6a	0 [8]	34
Cr-51(n,n'dh)Sc-46m	TALYS-6a	0		10	Cr-53(n,2p)Ti-52	TALYS-6a	0 [8]	34
Cr-51(n,n'th)Sc-45g	TALYS-6a	0		9	Cr-53(n,pa)Sc-49	TALYS-6a	0 [8]	35
Cr-51(n,n'th)Sc-45m	TALYS-6a	0		9	Cr-53(n,t2a)K-43	TALYS-6a	0 [8]	12
Cr-51(n,n'ta)Sc-44g	TALYS-6a	0		14	Cr-53(n,d2a)K-44	TALYS-6a	0 [8]	12
Cr-51(n,n'ta)Sc-44m	TALYS-6a	0		14	Cr-53(n,pd)Ti-51	TALYS-6a	0 [8]	27
Cr-51(n,2n2p)Ti-48	TALYS-6a	0		20	Cr-53(n,pt)Ti-50	TALYS-6a	0 [8]	27
Cr-51(n,ph)Sc-48	TALYS-6a	0 [8]	22	Cr-53(n,da)Sc-48	TALYS-6a	0 [8]	25
Cr-51(n,dh)Sc-47	TALYS-6a	0 [8]	16	Cr-53(n,5n)Cr-49	TALYS-6a	0		10
Cr-51(n,ha)Ca-45	TALYS-6a	0 [8]	21	Cr-53(n,6n)Cr-48	TALYS-6a	0		5
Cr-51(n,4n2p)Ti-46	TALYS-6a	0		8	Cr-53(n,2nt)V-49	TALYS-6a	0		16
Cr-51(n,3p)Sc-49	TALYS-6a	0		25	Cr-53(n,ta)Sc-47	TALYS-6a	0 [8]	23
Cr-51(n,n'3p)Sc-48	TALYS-6a	0 [8]	15	Cr-53(n,4np)V-49	TALYS-6a	0		12
Cr-52(n,2nd)V-49	TALYS-6a	0		17	Cr-53(n,3nd)V-49	TALYS-6a	0		13
Cr-52(n,2n)Cr-51	IRK	6 [13]	37	Cr-53(n,n'da)Sc-47	TALYS-6a	0 [8]	16
Cr-52(n,3n)Cr-50	TALYS-6a	0		25	Cr-53(n,2npa)Sc-47	TALYS-6a	0 [8]	15
Cr-52(n,n'a)Ti-48	IRK	1 [13]	36	Cr-53(n,5np)V-48	TALYS-6a	0		6
Cr-52(n,n'3a)Ar-40	TALYS-6a	0 [8]	12	Cr-53(n,4na)Ti-46	TALYS-6a	0 [8]	11
Cr-52(n,2na)Ti-47	TALYS-6a	0 [8]	24	Cr-53(n,4nd)V-48	TALYS-6a	0		7
Cr-52(n,3na)Ti-46	TALYS-6a	0 [8]	15	Cr-53(n,3nt)V-48	TALYS-6a	0		10
Cr-52(n,n'p)V-51	IRK	2 [13]	39	Cr-53(n,2nh)Ti-49	TALYS-6a	0		16
Cr-52(n,n'2a)Ca-44	TALYS-6a	0 [8]	23	Cr-53(n,3nh)Ti-48	TALYS-6a	0		12
Cr-52(n,2n2a)Ca-43	TALYS-6a	0 [8]	14	Cr-53(n,4nh)Ti-47	TALYS-6a	0		6
Cr-52(n,n'd)V-50	TALYS-6a	0 [8]	26	Cr-53(n,3n2p)Ti-49	TALYS-6a	0		12
Cr-52(n,n't)V-49	TALYS-6a	0 [8]	23	Cr-53(n,3n2a)Ca-43	TALYS-6a	0 [8]	10
Cr-52(n,n'h)Ti-49	TALYS-6a	0 [8]	23	Cr-53(n,3npa)Sc-46g	TALYS-6a	0		10
Cr-52(n,4n)Cr-49	TALYS-6a	0		14	Cr-53(n,3npa)Sc-46m	TALYS-6a	0		10
Cr-52(n,2np)V-50	TALYS-6a	0		25	Cr-53(n,dt)Ti-49	TALYS-6a	0 [8]	17
Cr-52(n,3np)V-49	TALYS-6a	0		16	Cr-53(n,n'pd)Ti-50	TALYS-6a	0 [8]	21
Cr-52(n,n'2p)Ti-50	TALYS-6a	0 [8]	27	Cr-53(n,n'pt)Ti-49	TALYS-6a	0 [8]	16
Cr-52(n,n'pa)Sc-47	TALYS-6a	0 [8]	23	Cr-53(n,n'dt)Ti-48	TALYS-6a	0 [8]	13
Cr-52(n,g)Cr-53	EFF-2.4	4 [13]		Cr-53(n,n'ph)Sc-49	TALYS-6a	0 [8]	14
20142				Cr-53(n,n'dh)Sc-48	TALYS-6a	0 [8]	10
Cr-52(n,p)V-52	IRK	6 [13]	54	Cr-53(n,n'th)Sc-47	TALYS-6a	0 [8]	9
Cr-52(n,d)V-51	TALYS-5a	2 [8]	44	Cr-53(n,n'ta)Sc-46g	TALYS-6a	0		14
Cr-52(n,t)V-50	TALYS-5	5 [8]	34	Cr-53(n,n'ta)Sc-46m	TALYS-6a	0		14
Cr-52(n,h)Ti-50	TALYS-5a	0 [8]	37	Cr-53(n,2n2p)Ti-50	TALYS-6a	0		19
Cr-52(n,a)Ti-49	IRK	2 [13]	53	Cr-53(n,ph)Sc-50g	TALYS-6a	0		18
Cr-52(n,2a)Ca-45	TALYS-6a	0 [8]	30	Cr-53(n,ph)Sc-50m	TALYS-6a	0		18
Cr-52(n,3a)Ar-41	TALYS-6a	0 [8]	15	Cr-53(n,dh)Sc-49	TALYS-6a	0 [8]	15
Cr-52(n,2p)Ti-51	TALYS-6a	0 [8]	35	Cr-53(n,ha)Ca-47	TALYS-6a	0 [8]	19
Cr-52(n,pa)Sc-48	TALYS-6a	5 [8]	31	Cr-53(n,4n2p)Ti-48	TALYS-6a	0		8
Cr-52(n,t2a)K-42	TALYS-6a	0 [8]	11	Cr-53(n,4npa)Sc-45g	TALYS-6a	0		6
Cr-52(n,d2a)K-43	TALYS-6a	0 [8]	13	Cr-53(n,4npa)Sc-45m	TALYS-6a	0		6
Cr-52(n,pd)Ti-50	TALYS-6a	0 [8]	29	Cr-53(n,n'3p)Sc-50g	TALYS-6a	0		13
Cr-52(n,pt)Ti-49	TALYS-6a	0 [8]	24	Cr-53(n,n'3p)Sc-50m	TALYS-6a	0		13
Cr-52(n,da)Sc-47	TALYS-5	5 [8]	24	Cr-54(n,2nd)V-51	TALYS-6a	0		20
Cr-52(n,5n)Cr-48	TALYS-6a	0		9	Cr-54(n,2n)Cr-53	TALYS-6a	0		42
Cr-52(n,2nt)V-48	TALYS-6a	0		14	Cr-54(n,3n)Cr-52	TALYS-6a	0		29
Cr-52(n,ta)Sc-46g	TALYS-6a	0		20	Cr-54(n,n'a)Ti-50	TALYS-6a	0 [8]	43
Cr-52(n,ta)Sc-46m	TALYS-6a	0		19	Cr-54(n,2na)Ti-49	TALYS-6a	0 [8]	26
Cr-52(n,4np)V-48	TALYS-6a	0		10	Cr-54(n,3na)Ti-48	TALYS-6a	0 [8]	17
Cr-52(n,3nd)V-48	TALYS-6a	0		11	Cr-54(n,n'p)V-53	TALYS-6a	0		36
Cr-52(n,n'da)Sc-46g	TALYS-6a	0		15	Cr-54(n,n'2a)Ca-46	TALYS-6a	0 [8]	22
Cr-52(n,n'da)Sc-46m	TALYS-6a	0		15	Cr-54(n,2n2a)Ca-45	TALYS-6a	0 [8]	14
Cr-52(n,2npa)Sc-46g	TALYS-6a	0		14	Cr-54(n,n'd)V-52	TALYS-6a	0 [8]	27
Cr-52(n,2npa)Sc-46m	TALYS-6a	0		14	Cr-54(n,n't)V-51	TALYS-6a	0		26
Cr-52(n,5np)V-47	TALYS-6a	0		4	Cr-54(n,n'h)Ti-51	TALYS-6a	0 [8]	22
Cr-52(n,4na)Ti-45	TALYS-6a	0 [8]	9	Cr-54(n,4n)Cr-51	TALYS-6a	0		16
Cr-52(n,4nd)V-47	TALYS-6a	0		6	Cr-54(n,2np)V-52	TALYS-6a	0		25
Cr-52(n,3nt)V-47	TALYS-6a	0		9	Cr-54(n,3np)V-51	TALYS-6a	0		18
Cr-52(n,2nh)Ti-48	TALYS-6a	0		16	Cr-54(n,n'2p)Ti-52	TALYS-6a	0 [8]	23
Cr-52(n,3nh)Ti-47	TALYS-6a	0		10	Cr-54(n,n'pa)Sc-49	TALYS-6a	0 [8]	23
Cr-52(n,3n2p)Ti-48	TALYS-6a	0		12	Cr-54(n,g)Cr-55	EFF-2.4	4 [14,13]	4792
Cr-52(n,3n2a)Ca-42	TALYS-6a	0 [8]	10	>Cr-54(n,p)V-54	ADL-3	4 [3,12,3]	45
Cr-52(n,3npa)Sc-45g	TALYS-6a	0		10	Cr-54(n,d)V-53	TALYS-6a	0 [8]	40
Cr-52(n,3npa)Sc-45m	TALYS-6a	0		10	Cr-54(n,t)V-52	TALYS-6a	0 [8]	35
Cr-52(n,dt)Ti-48	TALYS-6a	0 [8]	17	Cr-54(n,h)Ti-52	TALYS-6a	0 [8]	31
Cr-52(n,n'pd)Ti-49	TALYS-6a	0 [8]	18	Cr-54(n,a)Ti-51	TALYS-5	5 [3,8]	72
Cr-52(n,n'pt)Ti-48	TALYS-6a	0 [8]	16	Cr-54(n,2a)Ca-47	TALYS-6a	0 [8]	30
Cr-52(n,n'dt)Ti-47	TALYS-6a	0 [8]	11	Cr-54(n,2p)Ti-53	TALYS-6a	0 [8]	28
Cr-52(n,n'ph)Sc-48	TALYS-6a	0 [8]	13	Cr-54(n,pa)Sc-50g	TALYS-6a	0		29
Cr-52(n,n'dh)Sc-47	TALYS-6a	0 [8]	10	Cr-54(n,pa)Sc-50m	TALYS-6a	0		29
Cr-52(n,n'ta)Sc-45g	TALYS-6a	0		14	Cr-54(n,pd)Ti-52	TALYS-6a	0 [8]	25
Cr-52(n,n'ta)Sc-45m	TALYS-6a	0		14	Cr-54(n,pt)Ti-51	TALYS-6a	0 [8]	23
Cr-52(n,2n2p)Ti-49	TALYS-6a	0		16	Cr-54(n,da)Sc-49	TALYS-6a	0 [8]	25
Cr-52(n,ph)Sc-49	TALYS-6a	0 [8]	20	Cr-54(n,5n)Cr-50	TALYS-6a	0		12
Cr-52(n,dh)Sc-48	TALYS-6a	0 [8]	14	Cr-54(n,6n)Cr-49	TALYS-6a	0		5
Cr-52(n,ha)Ca-46	TALYS-6a	0 [8]	19	Cr-54(n,2nt)V-50	TALYS-6a	0		16
Cr-52(n,4n2p)Ti-47	TALYS-6a	0		6	Cr-54(n,ta)Sc-48	TALYS-6a	0 [8]	21
Cr-52(n,3p)Sc-50g	TALYS-6a	0		19	Cr-54(n,4np)V-50	TALYS-6a	0		12
Cr-52(n,3p)Sc-50m	TALYS-6a	0		18	Cr-54(n,3nd)V-50	TALYS-6a	0		13
Cr-52(n,n'3p)Sc-49	TALYS-6a	0 [8]	14	Cr-54(n,n'da)Sc-48	TALYS-6a	0 [8]	16
Cr-53(n,2nd)V-50	TALYS-6a	0 [8]	18	Cr-54(n,2npa)Sc-48	TALYS-6a	0 [8]	15
Cr-53(n,2n)Cr-52	TALYS-6a	0		45	Cr-54(n,5np)V-49	TALYS-6a	0		7
Cr-53(n,3n)Cr-51	TALYS-5	5		26	Cr-54(n,4na)Ti-47	TALYS-6a	0 [8]	11
Cr-53(n,n'a)Ti-49	TALYS-6a	0 [8]	40	Cr-54(n,5na)Ti-46	TALYS-6a	0 [8]	6

Cr-54(n,4nd)V-49	TALYS-6a	0		8	Mn-53(n,n'2p)V-51	TALYS-6a	0 [8]	28
Cr-54(n,3nt)V-49	TALYS-6a	0		11	Mn-53(n,n'pa)Ti-48	TALYS-6a	0 [8]	28
Cr-54(n,4nt)V-48	TALYS-6a	0		5	Mn-53(n,g)Mn-54	MASGAM	2 [14,13]	83
Cr-54(n,2nh)Ti-50	TALYS-6a	0 [8]		16	Mn-53(n,p)Cr-53	TALYS-6a	0 [2]	100
Cr-54(n,3nh)Ti-49	TALYS-6a	0		11	Mn-53(n,d)Cr-52	TALYS-6a	0 [8]	62
Cr-54(n,4nh)Ti-48	TALYS-6a	0		7	Mn-53(n,t)Cr-51	TALYS-6a	0 [8]	40
Cr-54(n,3n2p)Ti-50	TALYS-6a	0		13	Mn-53(n,h)V-51	TALYS-6a	0 [8]	40
Cr-54(n,3n2a)Ca-44	TALYS-6a	0 [8]		10	Mn-53(n,a)V-50	TALYS-6a	0 [2]	100
Cr-54(n,3npa)Sc-47	TALYS-6a	0 [8]		10	Mn-53(n,2a)Sc-46g	TALYS-6a	0	32
Cr-54(n,dt)Ti-50	TALYS-6a	0 [8]		19	Mn-53(n,2a)Sc-46m	TALYS-6a	0	31
Cr-54(n,n'pd)Ti-51	TALYS-6a	0 [8]		17	Mn-53(n,3a)K-42	TALYS-6a	0 [8]	16
Cr-54(n,n'pt)Ti-50	TALYS-6a	0 [8]		17	Mn-53(n,2p)V-52	TALYS-6a	0 [8]	40
Cr-54(n,n'dt)Ti-49	TALYS-6a	0 [8]		12	Mn-53(n,pa)Ti-49	TALYS-6a	0 [8]	41
Cr-54(n,n'ph)Sc-50g	TALYS-6a	0 [8]		12	Mn-53(n,t2a)Ca-43	TALYS-6a	0 [8]	13
Cr-54(n,n'ph)Sc-50m	TALYS-6a	0		12	Mn-53(n,d2a)Ca-44	TALYS-6a	0 [8]	16
Cr-54(n,n'dh)Sc-49	TALYS-6a	0 [8]		10	Mn-53(n,pd)V-51	TALYS-6a	0 [8]	30
Cr-54(n,n'ta)Sc-47	TALYS-6a	0 [8]		14	Mn-53(n,pt)V-50	TALYS-6a	0 [8]	25
Cr-54(n,2n2p)Ti-51	TALYS-6a	0		16	Mn-53(n,da)Ti-48	TALYS-6a	0 [8]	30
Cr-54(n,ha)Ca-48	TALYS-6a	0 [8]		19	Mn-53(n,5n)Mn-49	TALYS-6a	0	6
Cr-54(n,4n2p)Ti-49	TALYS-6a	0		7	Mn-53(n,2nt)Cr-49	TALYS-6a	0	15
Cr-54(n,n'3p)Sc-51	TALYS-6a	0 [8]		12	Mn-53(n,ta)Ti-47	TALYS-6a	0 [8]	24
Mn-52(n,n')Mn-52m	TALYS-6a	0		87	Mn-53(n,4np)Cr-49	TALYS-6a	0	11
Mn-52(n,2nd)Cr-49	TALYS-6a	0		19	Mn-53(n,3nd)Cr-49	TALYS-6a	0	12
Mn-52(n,2n)Mn-51	TALYS-6a	0		40	Mn-53(n,n'da)Ti-47	TALYS-6a	0 [8]	18
Mn-52(n,3n)Mn-50g	TALYS-6a	0		22	Mn-53(n,2npa)Ti-47	TALYS-6a	0 [8]	16
Mn-52(n,3n)Mn-50m	TALYS-6a	0		22	Mn-53(n,5np)Cr-48	TALYS-6a	0	5
Mn-52(n,n'a)V-48	TALYS-6a	0 [8]		41	Mn-53(n,4na)V-46	TALYS-6a	0 [8]	8
Mn-52(n,n'3a)K-40	TALYS-6a	0 [8]		14	Mn-53(n,4nd)Cr-48	TALYS-6a	0	6
Mn-52(n,2na)V-47	TALYS-6a	0 [8]		25	Mn-53(n,3nt)Cr-48	TALYS-6a	0 [8]	9
Mn-52(n,3na)V-46	TALYS-6a	0 [8]		14	Mn-53(n,2nh)V-49	TALYS-6a	0	16
Mn-52(n,n'p)Cr-51	TALYS-6a	0 [8]		51	Mn-53(n,3nh)V-48	TALYS-6a	0	10
Mn-52(n,n'2a)Sc-44g	TALYS-6a	0		23	Mn-53(n,3n2p)V-49	TALYS-6a	0	12
Mn-52(n,n'2a)Sc-44m	TALYS-6a	0		23	Mn-53(n,3n2a)Sc-43	TALYS-6a	0 [8]	8
Mn-52(n,2n2a)Sc-43	TALYS-6a	0 [8]		15	Mn-53(n,3npa)Ti-46	TALYS-6a	0 [8]	12
Mn-52(n,n'd)Cr-50	TALYS-6a	0 [8]		33	Mn-53(n,dt)V-49	TALYS-6a	0 [8]	17
Mn-52(n,n't)Cr-49	TALYS-6a	0 [8]		25	Mn-53(n,n'pd)V-50	TALYS-6a	0 [8]	19
Mn-52(n,n'h)V-49	TALYS-6a	0 [8]		27	Mn-53(n,n'pt)V-49	TALYS-6a	0 [8]	16
Mn-52(n,n'd2a)Ca-42	TALYS-6a	0 [8]		12	Mn-53(n,n'dt)V-48	TALYS-6a	0 [8]	11
Mn-52(n,n't2a)Ca-41	TALYS-6a	0 [8]		10	Mn-53(n,n'ph)Ti-49	TALYS-6a	0 [8]	16
Mn-52(n,4n)Mn-49	TALYS-6a	0		12	Mn-53(n,n'dh)Ti-48	TALYS-6a	0 [8]	12
Mn-52(n,2np)Cr-50	TALYS-6a	0		30	Mn-53(n,n'th)Ti-47	TALYS-6a	0 [8]	9
Mn-52(n,3np)Cr-49	TALYS-6a	0		17	Mn-53(n,n'ta)Ti-46	TALYS-6a	0 [8]	16
Mn-52(n,n'2p)V-50	TALYS-6a	0 [8]		29	Mn-53(n,2n2p)V-50	TALYS-6a	0 [8]	17
Mn-52(n,n'pa)Ti-47	TALYS-6a	0 [8]		28	Mn-53(n,ph)Ti-50	TALYS-6a	0 [8]	26
Mn-52(n,g)Mn-53	MASGAM	5 [14,13,12]		112	Mn-53(n,dh)Ti-49	TALYS-6a	0 [8]	16
Mn-52(n,p)Cr-52	TALYS-6a	0 [2]		100	Mn-53(n,ha)Sc-47	TALYS-6a	0 [8]	21
Mn-52(n,d)Cr-51	TALYS-6a	0 [8]		62	Mn-53(n,4n2p)V-48	TALYS-6a	0 [8]	6
Mn-52(n,t)Cr-50	TALYS-6a	0 [8]		46	Mn-53(n,3p)Ti-51	TALYS-6a	0 [8]	25
Mn-52(n,h)V-50	TALYS-6a	0 [8]		42	Mn-53(n,n'3p)Ti-50	TALYS-6a	0 [8]	19
Mn-52(n,a)V-49	TALYS-6a	0 [2]		100	Mn-54(n,2nd)Cr-51	TALYS-6a	0 [8]	20
Mn-52(n,2a)Sc-45g	TALYS-6a	0		40	Mn-54(n,2n)Mn-53	TALYS-6a	0	43
Mn-52(n,2a)Sc-45m	TALYS-6a	0		39	Mn-54(n,3n)Mn-52g	TALYS-6a	0	25
Mn-52(n,3a)K-41	TALYS-6a	0 [8]		22	Mn-54(n,3n)Mn-52m	TALYS-6a	0	25
Mn-52(n,2p)V-51	TALYS-6a	0 [8]		56	Mn-54(n,n'a)V-50	TALYS-6a	0 [8]	41
Mn-52(n,pa)Ti-48	TALYS-6a	0 [8]		54	Mn-54(n,n'3a)K-42	TALYS-6a	0 [8]	12
Mn-52(n,t2a)Ca-42	TALYS-6a	0 [8]		15	Mn-54(n,2na)V-49	TALYS-6a	0 [8]	27
Mn-52(n,d2a)Ca-43	TALYS-6a	0 [8]		16	Mn-54(n,3na)V-48	TALYS-6a	0	16
Mn-52(n,pd)V-50	TALYS-6a	0 [8]		31	Mn-54(n,n'p)Cr-53	TALYS-6a	0 [8]	46
Mn-52(n,pt)V-49	TALYS-6a	0 [8]		28	Mn-54(n,n'2a)Sc-46g	TALYS-6a	0	22
Mn-52(n,da)Ti-47	TALYS-6a	0 [8]		30	Mn-54(n,n'2a)Sc-46m	TALYS-6a	0	22
Mn-52(n,2nt)Cr-48	TALYS-6a	0 [8]		15	Mn-54(n,2n2a)Sc-45g	TALYS-6a	0	15
Mn-52(n,ta)Ti-46	TALYS-6a	0 [8]		27	Mn-54(n,2n2a)Sc-45m	TALYS-6a	0	15
Mn-52(n,4np)Cr-48	TALYS-6a	0		11	Mn-54(n,n'd)Cr-52	TALYS-6a	0	34
Mn-52(n,3nd)Cr-48	TALYS-6a	0 [8]		12	Mn-54(n,n't)Cr-51	TALYS-6a	0	27
Mn-52(n,n'da)Ti-46	TALYS-6a	0 [8]		21	Mn-54(n,n'h)V-51	TALYS-6a	0 [8]	26
Mn-52(n,2npa)Ti-46	TALYS-6a	0 [8]		19	Mn-54(n,n'd2a)Ca-44	TALYS-6a	0 [8]	11
Mn-52(n,2nh)V-48	TALYS-6a	0 [8]		16	Mn-54(n,4n)Mn-51	TALYS-6a	0	15
Mn-52(n,3nh)V-47	TALYS-6a	0		11	Mn-54(n,2np)Cr-52	TALYS-6a	0	31
Mn-52(n,3n2p)V-48	TALYS-6a	0 [8]		12	Mn-54(n,3np)Cr-51	TALYS-6a	0	18
Mn-52(n,3n2a)Sc-42g	TALYS-6a	0		8	Mn-54(n,n'2p)V-52	TALYS-6a	0 [8]	26
Mn-52(n,3n2a)Sc-42m	TALYS-6a	0		8	Mn-54(n,n'pa)Ti-49	TALYS-6a	0 [8]	27
Mn-52(n,3npa)Ti-45	TALYS-6a	0 [8]		11	Mn-54(n,g)Mn-55	MASGAM	2 [14,13]	83
Mn-52(n,dt)V-48	TALYS-6a	0 [8]		18	Mn-54(n,p)Cr-54	TALYS-6a	0 [2]	100
Mn-52(n,n'pd)V-49	TALYS-6a	0 [8]		22	Mn-54(n,d)Cr-53	TALYS-6a	0 [8]	57
Mn-52(n,n'pt)V-48	TALYS-6a	0 [8]		16	Mn-54(n,t)Cr-52	TALYS-6a	0 [8]	48
Mn-52(n,n'dt)V-47	TALYS-6a	0 [8]		12	Mn-54(n,h)V-52	TALYS-6a	0 [8]	36
Mn-52(n,n'ph)Ti-48	TALYS-6a	0 [8]		19	Mn-54(n,a)V-51	TALYS-6a	0 [2]	100
Mn-52(n,n'dh)Ti-47	TALYS-6a	0 [8]		13	Mn-54(n,2a)Sc-47	TALYS-6a	0 [8]	36
Mn-52(n,n'th)Ti-46	TALYS-6a	0 [8]		11	Mn-54(n,3a)K-43	TALYS-6a	0 [8]	17
Mn-52(n,n'ta)Ti-45	TALYS-6a	0 [8]		15	Mn-54(n,2p)V-53	TALYS-6a	0 [8]	39
Mn-52(n,2n2p)V-49	TALYS-6a	0 [8]		20	Mn-54(n,pa)Ti-50	TALYS-6a	0 [8]	45
Mn-52(n,ph)Ti-49	TALYS-6a	0 [8]		27	Mn-54(n,t2a)Ca-44	TALYS-6a	0 [8]	14
Mn-52(n,dh)Ti-48	TALYS-6a	0 [8]		20	Mn-54(n,d2a)Ca-45	TALYS-6a	0 [8]	15
Mn-52(n,ha)Sc-46g	TALYS-6a	0		23	Mn-54(n,pd)V-52	TALYS-6a	0 [8]	28
Mn-52(n,ha)Sc-46m	TALYS-6a	0		22	Mn-54(n,pt)V-51	TALYS-6a	0 [8]	27
Mn-52(n,4n2p)V-47	TALYS-6a	0		7	Mn-54(n,da)Ti-49	TALYS-6a	0 [8]	29
Mn-52(n,3p)Ti-50	TALYS-6a	0 [8]		31	Mn-54(n,5n)Mn-50g	TALYS-6a	0	8
Mn-52(n,n'3p)Ti-49	TALYS-6a	0 [8]		20	Mn-54(n,5n)Mn-50m	TALYS-6a	0	8
Mn-53(n,2nd)Cr-50	TALYS-6a	0		20	Mn-54(n,2nt)Cr-50	TALYS-6a	0 [8]	17
Mn-53(n,2n)Mn-52g	TALYS-6a	0		37	Mn-54(n,ta)Ti-48	TALYS-6a	0 [8]	27
Mn-53(n,2n)Mn-52m	TALYS-6a	0		36	Mn-54(n,4np)Cr-50	TALYS-6a	0	13
Mn-53(n,3n)Mn-51	TALYS-6a	0		23	Mn-54(n,3nd)Cr-50	TALYS-6a	0	14
Mn-53(n,n'a)V-49	TALYS-6a	0 [8]		40	Mn-54(n,n'da)Ti-48	TALYS-6a	0 [8]	20
Mn-53(n,n'3a)K-41	TALYS-6a	0 [8]		13	Mn-54(n,2npa)Ti-48	TALYS-6a	0 [8]	18
Mn-53(n,2na)V-48	TALYS-6a	0 [8]		24	Mn-54(n,5np)Cr-49	TALYS-6a	0	6
Mn-53(n,3na)V-47	TALYS-6a	0 [8]		15	Mn-54(n,4na)V-47	TALYS-6a	0 [8]	10
Mn-53(n,n'p)Cr-52	TALYS-6a	0 [8]		51	Mn-54(n,4nd)Cr-49	TALYS-6a	0	7
Mn-53(n,n'2a)Sc-45g	TALYS-6a	0		23	Mn-54(n,3nt)Cr-49	TALYS-6a	0	10
Mn-53(n,n'2a)Sc-45m	TALYS-6a	0		23	Mn-54(n,2nh)V-50	TALYS-6a	0 [8]	16
Mn-53(n,2n2a)Sc-44g	TALYS-6a	0		13	Mn-54(n,3nh)V-49	TALYS-6a	0 [8]	11
Mn-53(n,2n2a)Sc-44m	TALYS-6a	0		14	Mn-54(n,4nh)V-48	TALYS-6a	0	6
Mn-53(n,n'd)Cr-51	TALYS-6a	0 [8]		29	Mn-54(n,3n2p)V-50	TALYS-6a	0 [8]	12
Mn-53(n,n't)Cr-50	TALYS-6a	0 [8]		26	Mn-54(n,3n2a)Sc-44g	TALYS-6a	0	9
Mn-53(n,n'h)V-50	TALYS-6a	0 [8]		24	Mn-54(n,3n2a)Sc-44m	TALYS-6a	0	9
Mn-53(n,n'd2a)Ca-43	TALYS-6a	0 [8]		10	Mn-54(n,3npa)Ti-47	TALYS-6a	0 [8]	12
Mn-53(n,4n)Mn-50g	TALYS-6a	0		13	Mn-54(n,dt)V-50	TALYS-6a	0 [8]	18
Mn-53(n,4n)Mn-50m	TALYS-6a	0		13	Mn-54(n,n'pd)V-51	TALYS-6a	0 [8]	21
Mn-53(n,2np)Cr-51	TALYS-6a	0		28	Mn-54(n,n'pt)V-50	TALYS-6a	0 [8]	16
Mn-53(n,3np)Cr-50	TALYS-6a	0		18	Mn-54(n,n'dt)V-49	TALYS-6a	0 [8]	12

Reaction	Library	Flag	Ref	Value
Mn-54(n,n'ph)Ti-50	TALYS-6a	0	[8]	17
Mn-54(n,n'dh)Ti-49	TALYS-6a	0	[8]	12
Mn-54(n,n'th)Ti-48	TALYS-6a	0	[8]	11
Mn-54(n,n'ta)Ti-47	TALYS-6a	0	[8]	15
Mn-54(n,2n2p)V-51	TALYS-6a	0	[8]	19
Mn-54(n,ph)Ti-51	TALYS-6a	0	[8]	23
Mn-54(n,dh)Ti-50	TALYS-6a	0	[8]	18
Mn-54(n,ha)Sc-48	TALYS-6a	0	[8]	20
Mn-54(n,4n2p)V-49	TALYS-6a	0		8
Mn-54(n,4npa)Ti-46	TALYS-6a	0		7
Mn-54(n,3p)Ti-52	TALYS-6a	0	[8]	23
Mn-54(n,n'3p)Ti-51	TALYS-6a	0	[8]	16
Mn-55(n,2nd)Cr-52	TALYS-6a	0	[8]	22
Mn-55(n,2n)Mn-54	TALYS-5	6	[3]	41
Mn-55(n,3n)Mn-53	TALYS-6a	0		27
Mn-55(n,n'a)V-51	TALYS-6a	0	[8]	43
Mn-55(n,n'3a)K-43	TALYS-6a	0	[8]	11
Mn-55(n,2na)V-50	TALYS-6a	0	[8]	26
Mn-55(n,3na)V-49	TALYS-6a	0	[8]	16
Mn-55(n,n'p)Cr-54	TALYS-6a	0		45
Mn-55(n,n'2a)Sc-47	TALYS-6a	0	[8]	23
Mn-55(n,2n2a)Sc-46g	TALYS-6a	0		14
Mn-55(n,2n2a)Sc-46m	TALYS-6a	0		14
Mn-55(n,n'd)Cr-53	TALYS-6a	0	[8]	30
Mn-55(n,n't)Cr-52	TALYS-6a	0	[8]	28
Mn-55(n,n'h)V-52	TALYS-6a	0	[8]	23
Mn-55(n,n'd2a)Ca-45	TALYS-6a	0	[8]	9
Mn-55(n,4n)Mn-52g	TALYS-5	1	[4]	16
Mn-55(n,4n)Mn-52m	TALYS-6a	0	[4]	15
Mn-55(n,2np)Cr-53	TALYS-6a	0		28
Mn-55(n,3np)Cr-52	TALYS-6a	0		20
Mn-55(n,n'2p)V-53	TALYS-6a	0	[8]	25
Mn-55(n,n'pa)Ti-50	TALYS-6a	0	[8]	28
Mn-55(n,g)Mn-56	IRDF-P	6	[14,13]	
33909				
Mn-55(n,p)Cr-55	EFF-2.4	6	[13]	53
Mn-55(n,d)Cr-54	TALYS-6a	6	[13]	54
Mn-55(n,t)Cr-53	EFF-2.4	6	[13]	34
Mn-55(n,h)V-53	TALYS-6a	5	[8]	33
>Mn-55(n,a)V-52	HEPRL	6	[13,3]	209
Mn-55(n,2a)Sc-48	TALYS-5	5	[8]	31
Mn-55(n,3a)K-44	TALYS-6a	0	[8]	15
Mn-55(n,2p)V-54	ADL-3	1	[13]	33
Mn-55(n,pa)Ti-51	TALYS-6	4	[8,3]	36
Mn-55(n,t2a)Ca-45	TALYS-6a	0	[8]	12
Mn-55(n,d2a)Ca-46	TALYS-6a	0	[8]	15
Mn-55(n,pd)V-53	TALYS-6a	0	[8]	27
Mn-55(n,pt)V-52	TALYS-6a	0	[8]	24
Mn-55(n,da)Ti-50	TALYS-6a	0	[8]	30
Mn-55(n,5n)Mn-51	TALYS-6a	0		10
Mn-55(n,2nt)Cr-51	TALYS-6a	0	[8]	16
Mn-55(n,ta)Ti-49	TALYS-6a	0	[8]	24
Mn-55(n,4np)Cr-51	TALYS-6a	0		12
Mn-55(n,3nd)Cr-51	TALYS-6a	0		13
Mn-55(n,n'da)Ti-49	TALYS-6a	0	[8]	18
Mn-55(n,2npa)Ti-49	TALYS-6a	0	[8]	16
Mn-55(n,5np)Cr-50	TALYS-6a	0		8
Mn-55(n,4na)V-48	TALYS-6a	0	[8]	10
Mn-55(n,4nd)Cr-50	TALYS-6a	0		9
Mn-55(n,3nt)Cr-50	TALYS-6a	0		12
Mn-55(n,2nh)V-51	TALYS-6a	0	[8]	16
Mn-55(n,3nh)V-50	TALYS-6a	0		11
Mn-55(n,4nh)V-49	TALYS-6a	0	[8]	6
Mn-55(n,3n2p)V-51	TALYS-6a	0		13
Mn-55(n,3n2a)Sc-45g	TALYS-6a	0		10
Mn-55(n,3n2a)Sc-45m	TALYS-6a	0		9
Mn-55(n,3npa)Ti-48	TALYS-6a	0	[8]	12
Mn-55(n,dt)V-51	TALYS-6a	0	[8]	18
Mn-55(n,n'pd)V-52	TALYS-6a	0	[8]	18
Mn-55(n,n'pt)V-51	TALYS-6a	0	[8]	17
Mn-55(n,n'dt)V-50	TALYS-6a	0	[8]	12
Mn-55(n,n'ph)Ti-51	TALYS-6a	0	[8]	15
Mn-55(n,n'dh)Ti-50	TALYS-6a	0	[8]	12
Mn-55(n,n'th)Ti-49	TALYS-6a	0	[8]	10
Mn-55(n,n'ta)Ti-48	TALYS-6a	0	[8]	16
Mn-55(n,2n2p)V-52	TALYS-6a	0	[8]	16
Mn-55(n,ph)Ti-52	TALYS-6a	0	[8]	20
Mn-55(n,ha)Sc-49	TALYS-6a	0	[8]	20
Mn-55(n,4n2p)V-50	TALYS-6a	0		7
Mn-55(n,4npa)Ti-47	TALYS-6a	0	[8]	6
Mn-55(n,3p)Ti-53	TALYS-6a	0	[8]	17
Mn-55(n,n'3p)Ti-52	TALYS-6a	0	[8]	16
Fe-52(n,2nd)Mn-49	TALYS-6a	0		15
Fe-52(n,2n)Fe-51	TALYS-6a	0		30
Fe-52(n,3n)Fe-50	TALYS-6a	0		16
Fe-52(n,n'a)Cr-48	TALYS-6a	0	[8]	43
Fe-52(n,n'3a)Ca-40	TALYS-6a	0	[8]	16
Fe-52(n,2na)Cr-47	TALYS-6a	0	[8]	20
Fe-52(n,n'p)Mn-51	TALYS-6a	0	[8]	47
Fe-52(n,n'2a)Ti-44	TALYS-6a	0	[8]	25
Fe-52(n,2n2a)Ti-43	TALYS-6a	0	[8]	12
Fe-52(n,n'd)Mn-50g	TALYS-6a	0		27
Fe-52(n,n'd)Mn-50m	TALYS-6a	0		27
Fe-52(n,n't)Mn-49	TALYS-6a	0		20
Fe-52(n,n'h)Cr-49	TALYS-6a	0	[8]	27
Fe-52(n,2np)Mn-50g	TALYS-6a	0		25
Fe-52(n,2np)Mn-50m	TALYS-6a	0		25
Fe-52(n,3np)Mn-49	TALYS-6a	0		14
Fe-52(n,n'2p)Cr-50	TALYS-6a	0	[8]	34
Fe-52(n,n'pa)V-47	TALYS-6a	0	[8]	28
Fe-52(n,g)Fe-53g	TALYS-6a	0	[14,4,6]	100
Fe-52(n,g)Fe-53m	TALYS-6a	0	[14,7,4,6]	100
Fe-52(n,p)Mn-52g	TALYS-6a	0	[2]	100
Fe-52(n,p)Mn-52m	TALYS-6a	0	[2]	100
Fe-52(n,d)Mn-51	TALYS-6a	0	[8]	57
Fe-52(n,t)Mn-50g	TALYS-6a	0		35
Fe-52(n,t)Mn-50m	TALYS-6a	0		34
Fe-52(n,h)Cr-50	TALYS-6a	0	[8]	54
Fe-52(n,a)Cr-49	TALYS-6a	0	[2]	100
Fe-52(n,2a)Ti-45	TALYS-6a	0	[8]	40
Fe-52(n,3a)Ca-41	TALYS-6a	0	[8]	25
Fe-52(n,2p)Cr-51	TALYS-6a	0	[8]	64
Fe-52(n,pa)V-48	TALYS-6a	0	[8]	46
Fe-52(n,d2a)Sc-43	TALYS-6a	0	[8]	16
Fe-52(n,pd)Cr-50	TALYS-6a	0	[8]	38
Fe-52(n,pt)Cr-49	TALYS-6a	0	[8]	28
Fe-52(n,da)V-47	TALYS-6a	0	[8]	29
Fe-52(n,ta)V-46	TALYS-6a	0	[8]	22
Fe-52(n,n'da)V-46	TALYS-6a	0	[8]	16
Fe-52(n,2npa)V-46	TALYS-6a	0	[8]	15
Fe-52(n,2nh)Cr-48	TALYS-6a	0	[8]	16
Fe-52(n,3nh)Cr-47	TALYS-6a	0	[8]	8
Fe-52(n,3n2p)Cr-48	TALYS-6a	0		13
Fe-52(n,3npa)V-45	TALYS-6a	0	[8]	8
Fe-52(n,dt)Cr-48	TALYS-6a	0	[8]	18
Fe-52(n,n'pd)Cr-49	TALYS-6a	0	[8]	21
Fe-52(n,n'pt)Cr-48	TALYS-6a	0	[8]	16
Fe-52(n,n'ph)V-48	TALYS-6a	0	[8]	18
Fe-52(n,n'dh)V-47	TALYS-6a	0	[8]	12
Fe-52(n,n'ta)V-45	TALYS-6a	0	[8]	12
Fe-52(n,2n2p)Cr-49	TALYS-6a	0		20
Fe-52(n,ph)V-49	TALYS-6a	0	[8]	29
Fe-52(n,dh)V-48	TALYS-6a	0	[8]	19
Fe-52(n,ha)Ti-46	TALYS-6a	0	[8]	28
Fe-52(n,3p)V-50	TALYS-6a	0	[8]	31
Fe-52(n,n'3p)V-49	TALYS-6a	0	[8]	22
Fe-54(n,2nd)Mn-51	TALYS-6a	0		17
Fe-54(n,2n)Fe-53g	TALYS-5	2	[4,3]	34
Fe-54(n,2n)Fe-53m	TALYS-5	1	[4,7,8,3]	29
Fe-54(n,3n)Fe-52g	TALYS-5	5	[4,4]	22
Fe-54(n,3n)Fe-52m	TALYS-6a	0	[4,7,8,4]	15
Fe-54(n,n'a)Cr-50	EFF-2.4	1	[13]	38
Fe-54(n,n'3a)Ca-42	TALYS-6a	0	[8]	14
Fe-54(n,2na)Cr-49	TALYS-6a	0	[8]	23
Fe-54(n,3na)Cr-48	TALYS-6a	0	[8]	14
Fe-54(n,n'p)Mn-53	EFF-2.4	2	[13,3]	42
Fe-54(n,n'2a)Ti-46	TALYS-6a	0	[8]	24
Fe-54(n,2n2a)Ti-45	TALYS-6a	0	[8]	13
Fe-54(n,n'd)Mn-52g	TALYS-6a	0		27
Fe-54(n,n'd)Mn-52m	TALYS-6a	0		27
Fe-54(n,n't)Mn-51	TALYS-6a	0		23
Fe-54(n,n'h)Cr-51	TALYS-6a	0	[8]	25
Fe-54(n,n'd2a)Sc-44g	TALYS-6a	0		8
Fe-54(n,n'd2a)Sc-44m	TALYS-6a	0		8
Fe-54(n,4n)Fe-51	TALYS-6a	0		11
Fe-54(n,2np)Mn-52g	TALYS-6a	0		25
Fe-54(n,2np)Mn-52m	TALYS-6a	0		24
Fe-54(n,3np)Mn-51	TALYS-6a	0		15
Fe-54(n,n'2p)Cr-52	TALYS-6a	0	[8]	30
Fe-54(n,n'pa)V-49	TALYS-6a	0	[8]	26
Fe-54(n,g)Fe-55	ENDF/B-VI	4	[13]	
22316				
Fe-54(n,p)Mn-54	TALYS-5	6	[3]	100
Fe-54(n,d)Mn-53	EFF-2.4	2	[13,3]	44
Fe-54(n,t)Mn-52g	TALYS-6	5		35
Fe-54(n,t)Mn-52m	TALYS-6	5		34
Fe-54(n,h)Cr-52	TALYS-6a	0	[8]	43
Fe-54(n,a)Cr-51	JENDL-3.2/A	6	[9,13,3,3,10,15]	
16515				
Fe-54(n,2a)Ti-47	TALYS-6a	0	[8]	36
Fe-54(n,3a)Ca-43	TALYS-6a	0	[8]	19
Fe-54(n,2p)Cr-53	TALYS-6a	0	[8]	45
Fe-54(n,pa)V-50	TALYS-6a	0	[8]	39
Fe-54(n,t2a)Sc-44g	TALYS-6a	0		12
Fe-54(n,t2a)Sc-44m	TALYS-6a	0		12
Fe-54(n,d2a)Sc-45g	TALYS-6a	0		15
Fe-54(n,d2a)Sc-45m	TALYS-6a	0		14
Fe-54(n,pd)Cr-52	TALYS-6a	0	[8]	32
Fe-54(n,pt)Cr-51	TALYS-6a	0	[8]	26
Fe-54(n,da)V-49	TALYS-6a	0	[8]	27
Fe-54(n,2nt)Mn-50g	TALYS-6a	0		12
Fe-54(n,2nt)Mn-50m	TALYS-6a	0		12
Fe-54(n,ta)V-48	TALYS-6a	0	[8]	21
Fe-54(n,4np)Mn-50g	TALYS-6a	0		9
Fe-54(n,4np)Mn-50m	TALYS-6a	0		8
Fe-54(n,3nd)Mn-50g	TALYS-6a	0		10
Fe-54(n,3nd)Mn-50m	TALYS-6a	0		10
Fe-54(n,n'da)V-48	TALYS-6a	0	[8]	16
Fe-54(n,2npa)V-48	TALYS-6a	0	[8]	15
Fe-54(n,2nh)Cr-50	TALYS-6a	0	[8]	16
Fe-54(n,3nh)Cr-49	TALYS-6a	0		10
Fe-54(n,3n2p)Cr-50	TALYS-6a	0	[8]	12
Fe-54(n,3n2a)Ti-44	TALYS-6a	0	[8]	8
Fe-54(n,3npa)V-47	TALYS-6a	0	[8]	10
Fe-54(n,dt)Cr-50	TALYS-6a	0	[8]	18
Fe-54(n,n'pd)Cr-51	TALYS-6a	0	[8]	20
Fe-54(n,n'pt)Cr-50	TALYS-6a	0	[8]	16
Fe-54(n,n'dt)Cr-49	TALYS-6a	0	[8]	10
Fe-54(n,n'ph)V-50	TALYS-6a	0	[8]	15
Fe-54(n,n'dh)V-49	TALYS-6a	0	[8]	11
Fe-54(n,n'th)V-48	TALYS-6a	0	[8]	8
Fe-54(n,n'ta)V-47	TALYS-6a	0	[8]	13
Fe-54(n,2n2p)Cr-51	TALYS-6a	0	[8]	18
Fe-54(n,ph)V-51	TALYS-6a	0	[8]	25
Fe-54(n,dh)V-50	TALYS-6a	0	[8]	16
Fe-54(n,ha)Ti-48	TALYS-6a	0	[8]	24
Fe-54(n,4n2p)Cr-49	TALYS-6a	0		6
Fe-54(n,3p)V-52	TALYS-6a	0	[8]	25
Fe-54(n,n'3p)V-51	TALYS-6a	0	[8]	18
Fe-55(n,2nd)Mn-52g	TALYS-6a	0		18
Fe-55(n,2nd)Mn-52m	TALYS-6a	0		17
Fe-55(n,2n)Fe-54	TALYS-6a	0		43
Fe-55(n,3n)Fe-53g	TALYS-6a	0	[4]	23
Fe-55(n,3n)Fe-53m	TALYS-6a	0	[4,7,8]	19
Fe-55(n,n'a)Cr-51	TALYS-6a	0	[8]	42
Fe-55(n,n'3a)Ca-43	TALYS-6a	0	[8]	13
Fe-55(n,2na)Cr-50	TALYS-6a	0	[8]	27
Fe-55(n,3na)Cr-49	TALYS-6a	0	[8]	15

Reaction	Library	Flag	N
Fe-55(n,n'p)Mn-54	TALYS-6a	0 [8]	42
Fe-55(n,n'2a)Ti-47	TALYS-6a	0 [8]	24
Fe-55(n,2n2a)Ti-46	TALYS-6a	0 [8]	15
Fe-55(n,n'd)Mn-53	TALYS-6a	0	30
Fe-55(n,n't)Mn-52g	TALYS-6a	0	24
Fe-55(n,n't)Mn-52m	TALYS-6a	0	23
Fe-55(n,n'h)Cr-52	TALYS-6a	0 [8]	28
Fe-55(n,n'd2a)Sc-45g	TALYS-6a	0	10
Fe-55(n,n'd2a)Sc-45m	TALYS-6a	0	9
Fe-55(n,4n)Fe-52g	TALYS-6a	0 [4]	15
Fe-55(n,4n)Fe-52m	TALYS-6a	0 [4,7,8]	10
Fe-55(n,2np)Mn-53	TALYS-6a	0	28
Fe-55(n,3np)Mn-52g	TALYS-6a	0	16
Fe-55(n,3np)Mn-52m	TALYS-6a	0	16
Fe-55(n,n'2p)Cr-53	TALYS-6a	0	29
Fe-55(n,n'pa)V-50	TALYS-6a	0 [8]	26
Fe-55(n,g)Fe-56	MASGAM	2 [14,13,12]	109
Fe-55(n,p)Mn-55	TALYS-6a	0 [2]	100
Fe-55(n,d)Mn-54	TALYS-6a	0 [8]	48
Fe-55(n,t)Mn-53	TALYS-6a	0 [8]	41
Fe-55(n,h)Cr-53	TALYS-6a	0 [8]	40
Fe-55(n,a)Cr-52	TALYS-6a	0 [2]	100
Fe-55(n,2a)Ti-48	TALYS-6a	0 [8]	41
Fe-55(n,3a)Ca-44	TALYS-6a	0 [8]	20
Fe-55(n,2p)Cr-54	TALYS-6a	0 [8]	45
Fe-55(n,pa)V-51	TALYS-6a	0 [8]	43
Fe-55(n,t2a)Sc-45g	TALYS-6a	0	13
Fe-55(n,t2a)Sc-45m	TALYS-6a	0	13
Fe-55(n,d2a)Sc-46g	TALYS-6a	0	14
Fe-55(n,d2a)Sc-46m	TALYS-6a	0	14
Fe-55(n,pd)Cr-53	TALYS-6a	0 [8]	31
Fe-55(n,pt)Cr-52	TALYS-6a	0 [8]	29
Fe-55(n,da)V-50	TALYS-6a	0 [8]	27
Fe-55(n,2nt)Mn-51	TALYS-6a	0	15
Fe-55(n,ta)V-49	TALYS-6a	0 [8]	24
Fe-55(n,4np)Mn-51	TALYS-6a	0	11
Fe-55(n,3nd)Mn-51	TALYS-6a	0	12
Fe-55(n,n'da)V-49	TALYS-6a	0 [8]	18
Fe-55(n,2npa)V-49	TALYS-6a	0 [8]	16
Fe-55(n,4na)Cr-48	TALYS-6a	0 [8]	9
Fe-55(n,3nt)Mn-50g	TALYS-6a	0	8
Fe-55(n,3nt)Mn-50m	TALYS-6a	0	8
Fe-55(n,2nh)Cr-51	TALYS-6a	0 [8]	16
Fe-55(n,3nh)Cr-50	TALYS-6a	0 [8]	11
Fe-55(n,3n2p)Cr-51	TALYS-6a	0	13
Fe-55(n,3n2a)Ti-45	TALYS-6a	0 [8]	8
Fe-55(n,3npa)V-48	TALYS-6a	0 [8]	10
Fe-55(n,dt)Cr-51	TALYS-6a	0 [8]	18
Fe-55(n,n'pd)Cr-52	TALYS-6a	0 [8]	22
Fe-55(n,n'pt)Cr-51	TALYS-6a	0 [8]	16
Fe-55(n,n'dt)Cr-50	TALYS-6a	0 [8]	12
Fe-55(n,n'ph)V-51	TALYS-6a	0 [8]	16
Fe-55(n,n'dh)V-50	TALYS-6a	0 [8]	11
Fe-55(n,n'th)V-49	TALYS-6a	0 [8]	9
Fe-55(n,n'ta)V-48	TALYS-6a	0 [8]	14
Fe-55(n,2n2p)Cr-52	TALYS-6a	0 [8]	20
Fe-55(n,ph)V-52	TALYS-6a	0 [8]	23
Fe-55(n,dh)V-51	TALYS-6a	0 [8]	17
Fe-55(n,ha)Ti-49	TALYS-6a	0 [8]	22
Fe-55(n,4n2p)Cr-50	TALYS-6a	0	8
Fe-55(n,3p)V-53	TALYS-6a	0 [8]	24
Fe-55(n,n'3p)V-52	TALYS-6a	0 [8]	16
Fe-56(n,2nd)Mn-53	TALYS-6a	0	19
Fe-56(n,2n)Fe-55	IRK	4 [13]	39
Fe-56(n,3n)Fe-54	TALYS-6a	0	26
Fe-56(n,n'a)Cr-52	IRK	2 [13]	52
Fe-56(n,n'3a)Ca-44	TALYS-6a	0 [8]	12
Fe-56(n,2na)Cr-51	TALYS-6a	0 [8]	25
Fe-56(n,3na)Cr-50	TALYS-6a	0 [8]	16
Fe-56(n,n'p)Mn-55	IRK	2 [13]	45
Fe-56(n,n'2a)Ti-48	TALYS-6a	0 [8]	24
Fe-56(n,2n2a)Ti-47	TALYS-6a	0 [8]	14
Fe-56(n,n'd)Mn-54	TALYS-6a	0	28
Fe-56(n,n't)Mn-53	TALYS-6a	0	25
Fe-56(n,n'h)Cr-53	TALYS-6a	0 [8]	24
Fe-56(n,n'd2a)Sc-46g	TALYS-6a	0	8
Fe-56(n,n'd2a)Sc-46m	TALYS-6a	0	8
Fe-56(n,4n)Fe-53g	TALYS-6a	0 [4]	14
Fe-56(n,4n)Fe-53m	TALYS-6a	0 [4,7,8]	12
Fe-56(n,2np)Mn-54	TALYS-6a	0 [8]	25
Fe-56(n,3np)Mn-53	TALYS-6a	0	17
Fe-56(n,n'2p)Cr-54	TALYS-6a	0 [8]	27
Fe-56(n,n'pa)V-51	TALYS-6a	0 [8]	26
Fe-56(n,g)Fe-57	ENDF/B-VI	4 [13]	43235
Fe-56(n,p)Mn-56	IRK	6 [13]	54
Fe-56(n,d)Mn-55	TALYS-5a	2 [8]	44
Fe-56(n,t)Mn-54	IRK	6 [13,3]	39
Fe-56(n,h)Cr-54	TALYS-5a	5 [8]	37
Fe-56(n,a)Cr-53	TALYS-5	4	100
Fe-56(n,2a)Ti-49	TALYS-6a	0 [8]	34
Fe-56(n,3a)Ca-45	TALYS-6a	0 [8]	16
Fe-56(n,2p)Cr-55	TALYS-6a	0 [8]	35
Fe-56(n,pa)V-52	TALYS-6a	0 [8]	34
Fe-56(n,t2a)Sc-46g	TALYS-6a	0	11
Fe-56(n,t2a)Sc-46m	TALYS-6a	0	11
Fe-56(n,d2a)Sc-47	TALYS-6a	0 [8]	14
Fe-56(n,pd)Cr-54	TALYS-6a	0 [8]	29
Fe-56(n,pt)Cr-53	TALYS-6a	0 [8]	25
Fe-56(n,da)V-51	TALYS-6a	0	
Fe-56(n,5n)Fe-52g	TALYS-6a	0 [4]	9
Fe-56(n,5n)Fe-52m	TALYS-6a	0 [4,7,8]	4
Fe-56(n,2nt)Mn-52g	TALYS-6a	0	14
Fe-56(n,2nt)Mn-52m	TALYS-6a	0	14
Fe-56(n,n't)V-50	TALYS-6a	0 [8]	22
Fe-56(n,4np)Mn-52g	TALYS-6a	0	10
Fe-56(n,4np)Mn-52m	TALYS-6a	0	10
Fe-56(n,3nd)Mn-52g	TALYS-6a	0	11
Fe-56(n,3nd)Mn-52m	TALYS-6a	0	11
Fe-56(n,n'da)V-50	TALYS-6a	0 [8]	16
Fe-56(n,2npa)V-50	TALYS-6a	0 [8]	15
Fe-56(n,5np)Mn-51	TALYS-6a	0	5
Fe-56(n,4na)Cr-49	TALYS-6a	0 [8]	9
Fe-56(n,4nd)Mn-51	TALYS-6a	0	6
Fe-56(n,3nt)Mn-51	TALYS-6a	0	9
Fe-56(n,2nh)Cr-52	TALYS-6a	0 [8]	16
Fe-56(n,3nh)Cr-51	TALYS-6a	0	11
Fe-56(n,4nh)Cr-50	TALYS-6a	0	6
Fe-56(n,3n2p)Cr-52	TALYS-6a	0	13
Fe-56(n,3n2a)Ti-46	TALYS-6a	0 [8]	10
Fe-56(n,3npa)V-49	TALYS-6a	0 [8]	10
Fe-56(n,dt)Cr-52	TALYS-6a	0 [8]	19
Fe-56(n,n'pd)Cr-53	TALYS-6a	0 [8]	19
Fe-56(n,n'pt)Cr-52	TALYS-6a	0 [8]	17
Fe-56(n,n'dt)Cr-51	TALYS-6a	0 [8]	12
Fe-56(n,n'ph)V-52	TALYS-6a	0 [8]	14
Fe-56(n,n'dh)V-51	TALYS-6a	0 [8]	11
Fe-56(n,n'th)V-50	TALYS-6a	0 [8]	8
Fe-56(n,n'ta)V-49	TALYS-6a	0 [8]	14
Fe-56(n,2n2p)Cr-53	TALYS-6a	0 [8]	17
Fe-56(n,ph)V-53	TALYS-6a	0 [8]	20
Fe-56(n,dh)V-52	TALYS-6a	0 [8]	15
Fe-56(n,ha)Ti-50	TALYS-6a	0 [8]	23
Fe-56(n,4n2p)Cr-51	TALYS-6a	0	7
Fe-56(n,3p)V-54	TALYS-6a	0 [8]	18
Fe-56(n,n'3p)V-53	TALYS-6a	0 [8]	14
Fe-57(n,2nd)Mn-54	TALYS-6a	0	20
Fe-57(n,2n)Fe-56	TALYS-6a	0	47
Fe-57(n,3n)Fe-55	TALYS-6a	0	27
Fe-57(n,n'a)Cr-53	TALYS-6a	0 [8]	44
Fe-57(n,n'3a)Ca-45	TALYS-6a	0 [8]	12
Fe-57(n,2na)Cr-52	TALYS-6a	0 [8]	30
Fe-57(n,3na)Cr-51	TALYS-6a	0 [8]	17
Fe-57(n,n'p)Mn-56	TALYS-6a	0	40
Fe-57(n,n'2a)Ti-49	TALYS-6a	0 [8]	24
Fe-57(n,2n2a)Ti-48	TALYS-6a	0 [8]	16
Fe-57(n,n'd)Mn-55	TALYS-6a	0 [8]	30
Fe-57(n,n't)Mn-54	TALYS-6a	0 [8]	26
Fe-57(n,n'h)Cr-54	TALYS-6a	0 [8]	26
Fe-57(n,n'd2a)Sc-47	TALYS-6a	0 [8]	10
Fe-57(n,4n)Fe-54	TALYS-6a	0	18
Fe-57(n,2np)Mn-55	TALYS-6a	0	28
Fe-57(n,3np)Mn-54	TALYS-6a	0	18
Fe-57(n,n'2p)Cr-55	TALYS-6a	0 [8]	25
Fe-57(n,n'pa)V-52	TALYS-6a	0 [8]	25
Fe-57(n,g)Fe-58	ENDF/B-VI	4 [13,10]	11968
Fe-57(n,p)Mn-57	ENDF/B-VI.8	6 [13,3]	884
Fe-57(n,d)Mn-56	TALYS-6a	0 [8]	44
Fe-57(n,t)Mn-55	TALYS-6a	0	42
Fe-57(n,h)Cr-55	TALYS-6a	0 [8]	34
Fe-57(n,a)Cr-54	TALYS-5	2 [9,3]	8999
Fe-57(n,2a)Ti-50	TALYS-6a	0 [8]	41
Fe-57(n,3a)Ca-46	TALYS-6a	0 [8]	18
Fe-57(n,2p)Cr-56	TALYS-6a	0 [8]	36
Fe-57(n,pa)V-53	TALYS-6a	0 [8]	35
Fe-57(n,t2a)Sc-47	TALYS-6a	0 [8]	13
Fe-57(n,d2a)Sc-48	TALYS-6a	0 [8]	14
Fe-57(n,pd)Cr-55	TALYS-6a	0 [8]	27
Fe-57(n,pt)Cr-54	TALYS-6a	0 [8]	27
Fe-57(n,da)V-52	TALYS-6a	0 [8]	26
Fe-57(n,5n)Fe-53g	TALYS-6a	0 [4]	10
Fe-57(n,5n)Fe-53m	TALYS-6a	0 [4,7,8]	8
Fe-57(n,2nt)Mn-53	TALYS-6a	0	17
Fe-57(n,ta)V-51	TALYS-6a	0 [8]	26
Fe-57(n,4np)Mn-53	TALYS-6a	0	13
Fe-57(n,3nd)Mn-53	TALYS-6a	0	14
Fe-57(n,n'da)V-51	TALYS-6a	0 [8]	19
Fe-57(n,2npa)V-51	TALYS-6a	0 [8]	18
Fe-57(n,5np)Mn-52g	TALYS-6a	0	7
Fe-57(n,5np)Mn-52m	TALYS-6a	0	6
Fe-57(n,4na)Cr-50	TALYS-6a	0 [8]	12
Fe-57(n,4nd)Mn-52g	TALYS-6a	0	8
Fe-57(n,4nd)Mn-52m	TALYS-6a	0	7
Fe-57(n,3nt)Mn-52g	TALYS-6a	0	11
Fe-57(n,3nt)Mn-52m	TALYS-6a	0	10
Fe-57(n,4nt)Mn-51	TALYS-6a	0	5
Fe-57(n,2nh)Cr-53	TALYS-6a	0 [8]	17
Fe-57(n,3nh)Cr-52	TALYS-6a	0	13
Fe-57(n,4nh)Cr-51	TALYS-6a	0	7
Fe-57(n,3n2p)Cr-53	TALYS-6a	0	13
Fe-57(n,3n2a)Ti-47	TALYS-6a	0 [8]	10
Fe-57(n,3npa)V-50	TALYS-6a	0 [8]	11
Fe-57(n,dt)Cr-53	TALYS-6a	0 [8]	19
Fe-57(n,n'pd)Cr-54	TALYS-6a	0 [8]	21
Fe-57(n,n'pt)Cr-53	TALYS-6a	0 [8]	17
Fe-57(n,n'dt)Cr-52	TALYS-6a	0 [8]	14
Fe-57(n,n'ph)V-53	TALYS-6a	0 [8]	14
Fe-57(n,n'dh)V-52	TALYS-6a	0 [8]	11
Fe-57(n,n'th)V-51	TALYS-6a	0 [8]	10
Fe-57(n,n'ta)V-50	TALYS-6a	0 [8]	15
Fe-57(n,2n2p)Cr-54	TALYS-6a	0 [8]	19
Fe-57(n,ph)V-54	TALYS-6a	0 [8]	18
Fe-57(n,dh)V-53	TALYS-6a	0 [8]	15
Fe-57(n,ha)Ti-51	TALYS-6a	0 [8]	21
Fe-57(n,4n2p)Cr-52	TALYS-6a	0	9
Fe-57(n,4npa)V-49	TALYS-6a	0 [8]	6
Fe-57(n,3p)V-55	TALYS-6a	0 [8]	16
Fe-57(n,n'3p)V-54	TALYS-6a	0 [8]	13
Fe-58(n,2nd)Mn-55	TALYS-6a	0	20
Fe-58(n,2n)Fe-57	TALYS-6a	0	41
Fe-58(n,3n)Fe-56	TALYS-6a	0 [8]	28
Fe-58(n,n'a)Cr-54	TALYS-6a	0 [8]	43
Fe-58(n,n'3a)Ca-46	TALYS-6a	0 [8]	12
Fe-58(n,2na)Cr-53	TALYS-6a	0 [8]	27
Fe-58(n,3na)Cr-52	TALYS-6a	0 [8]	19
Fe-58(n,n'p)Mn-57	TALYS-6a	0	37
Fe-58(n,n'2a)Ti-50	TALYS-6a	0 [8]	25

Reaction	Library			Value
Fe-58(n,2n2a)Ti-49	TALYS-6a	0	[8]	15
Fe-58(n,n'd)Mn-56	TALYS-6a	0	[8]	27
Fe-58(n,n't)Mn-55	TALYS-6a	0	[8]	26
Fe-58(n,n'h)Cr-55	TALYS-6a	0	[8]	22
Fe-58(n,n'd2a)Sc-48	TALYS-6a	0	[8]	9
Fe-58(n,4n)Fe-55	TALYS-6a	0		17
Fe-58(n,2np)Mn-56	TALYS-6a	0	[8]	25
Fe-58(n,3np)Mn-55	TALYS-6a	0		18
Fe-58(n,n'2p)Cr-56	TALYS-6a	0	[8]	23
Fe-58(n,n'pa)V-53	TALYS-6a	0	[8]	23
Fe-58(n,g)Fe-59	ENDF/B-VI	6	[13]	11274
>Fe-58(n,p)Mn-58g	TALYS-6	1	[12,3]	56
>Fe-58(n,p)Mn-58m	TALYS-6	2	[12,3]	56
Fe-58(n,d)Mn-57	TALYS-6a	0		41
Fe-58(n,t)Mn-56	TALYS-6a	0	[8]	36
Fe-58(n,h)Cr-56	TALYS-6a	0	[8]	31
Fe-58(n,a)Cr-55	TALYS-6	2	[3,8]	72
Fe-58(n,2a)Ti-51	TALYS-6a	0	[8]	32
Fe-58(n,2p)Cr-57	TALYS-6a	0	[8]	28
Fe-58(n,pa)V-54	TALYS-6a	0	[8]	29
Fe-58(n,t2a)Sc-48	TALYS-6a	0	[8]	12
Fe-58(n,d2a)Sc-49	TALYS-6a	0	[8]	14
Fe-58(n,pd)Cr-56	TALYS-6a	0	[8]	25
Fe-58(n,pt)Cr-55	TALYS-6a	0	[8]	23
Fe-58(n,da)V-53	TALYS-6a	0	[8]	25
Fe-58(n,5n)Fe-54	TALYS-6a	0		12
Fe-58(n,6n)Fe-53g	TALYS-6a	0	[4]	5
Fe-58(n,6n)Fe-53m	TALYS-6a	0	[4,7,8]	3
Fe-58(n,2nt)Mn-54	TALYS-6a	0		16
Fe-58(n,ta)V-52	TALYS-6a	0	[8]	22
Fe-58(n,4np)Mn-54	TALYS-6a	0		12
Fe-58(n,3nd)Mn-54	TALYS-6a	0		13
Fe-58(n,n'da)V-52	TALYS-6a	0	[8]	16
Fe-58(n,2npa)V-52	TALYS-6a	0	[8]	15
Fe-58(n,5np)Mn-53	TALYS-6a	0		8
Fe-58(n,4na)Cr-51	TALYS-6a	0	[8]	12
Fe-58(n,5na)Cr-50	TALYS-6a	0	[8]	7
Fe-58(n,4nd)Mn-53	TALYS-6a	0		9
Fe-58(n,3nt)Mn-53	TALYS-6a	0		12
Fe-58(n,4nt)Mn-52g	TALYS-6a	0		6
Fe-58(n,4nt)Mn-52m	TALYS-6a	0		5
Fe-58(n,2nh)Cr-54	TALYS-6a	0	[8]	17
Fe-58(n,3nh)Cr-53	TALYS-6a	0		12
Fe-58(n,4nh)Cr-52	TALYS-6a	0		8
Fe-58(n,3n2p)Cr-54	TALYS-6a	0		13
Fe-58(n,3n2a)Ti-48	TALYS-6a	0	[8]	11
Fe-58(n,3npa)V-51	TALYS-6a	0	[8]	12
Fe-58(n,dt)Cr-54	TALYS-6a	0	[8]	19
Fe-58(n,n'pd)Cr-55	TALYS-6a	0	[8]	17
Fe-58(n,n'pt)Cr-54	TALYS-6a	0	[8]	17
Fe-58(n,n'dt)Cr-53	TALYS-6a	0	[8]	13
Fe-58(n,n'ph)V-54	TALYS-6a	0	[8]	12
Fe-58(n,n'dh)V-53	TALYS-6a	0	[8]	10
Fe-58(n,n'ta)V-51	TALYS-6a	0	[8]	16
Fe-58(n,2n2p)Cr-55	TALYS-6a	0		16
Fe-58(n,ph)V-55	TALYS-6a	0	[8]	15
Fe-58(n,ha)Ti-52	TALYS-6a	0	[8]	18
Fe-58(n,4n2p)Cr-53	TALYS-6a	0		8
Fe-58(n,4npa)V-50	TALYS-6a	0	[8]	6
Fe-58(n,n'3p)V-55	TALYS-6a	0	[8]	12
Fe-59(n,2nd)Mn-56	TALYS-6a	0		21
Fe-59(n,2n)Fe-58	TALYS-6a	0		52
Fe-59(n,3n)Fe-57	TALYS-6a	0		30
Fe-59(n,n'a)Cr-55	TALYS-6a	0	[8]	42
Fe-59(n,2na)Cr-54	TALYS-6a	0	[8]	31
Fe-59(n,3na)Cr-53	TALYS-6a	0	[8]	21
Fe-59(n,n'p)Mn-58g	TALYS-6a	0		37
Fe-59(n,n'p)Mn-58m	TALYS-6a	0		36
Fe-59(n,n'2a)Ti-51	TALYS-6a	0	[8]	25
Fe-59(n,2n2a)Ti-50	TALYS-6a	0	[8]	18
Fe-59(n,n'd)Mn-57	TALYS-6a	0	[8]	29
Fe-59(n,n't)Mn-56	TALYS-6a	0		27
Fe-59(n,n'h)Cr-56	TALYS-6a	0	[8]	24
Fe-59(n,n'd2a)Sc-49	TALYS-6a	0	[8]	11
Fe-59(n,4n)Fe-56	TALYS-6a	0		22
Fe-59(n,2np)Mn-57	TALYS-6a	0	[8]	27
Fe-59(n,3np)Mn-56	TALYS-6a	0		19
Fe-59(n,n'2p)Cr-57	TALYS-6a	0	[8]	22
Fe-59(n,n'pa)V-54	TALYS-6a	0	[8]	22
Fe-59(n,g)Fe-60	MASGAM	2	[14,13,12]	109
Fe-59(n,p)Mn-59	TALYS-6a	0	[8]	62
Fe-59(n,d)Mn-58g	TALYS-6a	0		41
Fe-59(n,d)Mn-58m	TALYS-6a	0		41
Fe-59(n,t)Mn-57	TALYS-6a	0	[8]	40
Fe-59(n,h)Cr-57	TALYS-6a	0	[8]	29
>Fe-59(n,a)Cr-56	TALYS-6a	0	[2,12]	85
Fe-59(n,2a)Ti-52	TALYS-6a	0	[8]	34
Fe-59(n,2p)Cr-58	TALYS-6a	0	[8,7,8]	29
Fe-59(n,pa)V-55	TALYS-6a	0	[8]	29
Fe-59(n,pd)Cr-57	TALYS-6a	0	[8]	24
Fe-59(n,pt)Cr-56	TALYS-6a	0	[8]	25
Fe-59(n,da)V-54	TALYS-6a	0	[8]	24
Fe-59(n,5n)Fe-55	TALYS-6a	0		13
Fe-59(n,6n)Fe-54	TALYS-6a	0		9
Fe-59(n,2nt)Mn-55	TALYS-6a	0		20
Fe-59(n,ta)V-53	TALYS-6a	0	[8]	24
Fe-59(n,4np)Mn-55	TALYS-6a	0		14
Fe-59(n,3nd)Mn-55	TALYS-6a	0		15
Fe-59(n,n'da)V-53	TALYS-6a	0	[8]	18
Fe-59(n,2npa)V-53	TALYS-6a	0	[8]	16
Fe-59(n,5np)Mn-54	TALYS-6a	0		9
Fe-59(n,4na)Cr-52	TALYS-6a	0	[8]	14
Fe-59(n,5na)Cr-51	TALYS-6a	0	[8]	8
Fe-59(n,4nd)Mn-54	TALYS-6a	0		10
Fe-59(n,5nd)Mn-53	TALYS-6a	0		5
Fe-59(n,3nt)Mn-54	TALYS-6a	0		13
Fe-59(n,4nt)Mn-53	TALYS-6a	0	[8]	8
Fe-59(n,2nh)Cr-55	TALYS-6a	0	[8]	16
Fe-59(n,3nh)Cr-54	TALYS-6a	0	[8]	13
Fe-59(n,4nh)Cr-53	TALYS-6a	0	[8]	8
Fe-59(n,3n2p)Cr-55	TALYS-6a	0	[8]	12
Fe-59(n,3n2a)Ti-49	TALYS-6a	0	[8]	12
Fe-59(n,3npa)V-52	TALYS-6a	0	[8]	12
Fe-59(n,dt)Cr-55	TALYS-6a	0	[8]	18
Fe-59(n,n'pd)Cr-56	TALYS-6a	0	[8]	19
Fe-59(n,n'pt)Cr-55	TALYS-6a	0	[8]	17
Fe-59(n,n'dt)Cr-54	TALYS-6a	0	[8]	14
Fe-59(n,n'ph)V-55	TALYS-6a	0	[8]	12
Fe-59(n,n'dh)V-54	TALYS-6a	0	[8]	10
Fe-59(n,n'th)V-53	TALYS-6a	0	[8]	10
Fe-59(n,n'ta)V-52	TALYS-6a	0	[8]	16
Fe-59(n,2n2p)Cr-56	TALYS-6a	0	[8]	17
Fe-59(n,4n2p)Cr-54	TALYS-6a	0	[8]	9
Fe-59(n,4n2a)Ti-48	TALYS-6a	0	[8]	7
Fe-59(n,4npa)V-51	TALYS-6a	0	[8]	8
Fe-60(n,2nd)Mn-57	TALYS-6a	0		21
Fe-60(n,2n)Fe-59	TALYS-6a	0		44
Fe-60(n,3n)Fe-58	TALYS-6a	0		31
Fe-60(n,n'a)Cr-56	TALYS-6a	0	[8]	41
Fe-60(n,2na)Cr-55	TALYS-6a	0	[8]	28
Fe-60(n,3na)Cr-54	TALYS-6a	0	[8]	21
Fe-60(n,n'p)Mn-59	TALYS-6a	0	[8]	34
Fe-60(n,n'2a)Ti-52	TALYS-6a	0	[8]	23
Fe-60(n,2n2a)Ti-51	TALYS-6a	0	[8]	16
Fe-60(n,n'd)Mn-58g	TALYS-6a	0	[4]	27
Fe-60(n,n'd)Mn-58m	TALYS-6a	0	[4]	27
Fe-60(n,n't)Mn-57	TALYS-6a	0		27
Fe-60(n,n'h)Cr-57	TALYS-6a	0	[8]	20
Fe-60(n,4n)Fe-57	TALYS-6a	0		21
Fe-60(n,2np)Mn-58g	TALYS-6a	0		25
Fe-60(n,2np)Mn-58m	TALYS-6a	0		25
Fe-60(n,3np)Mn-57	TALYS-6a	0		19
Fe-60(n,n'2p)Cr-58	TALYS-6a	0	[8,7,8]	20
Fe-60(n,n'pa)V-55	TALYS-6a	0	[8]	21
>Fe-60(n,g)Fe-61	TALYS-6a	0		100
+Fe-60(n,p)Mn-60g	TALYS-6a	0	[7,8,4]	45
+Fe-60(n,p)Mn-60m	TALYS-6a	0	[7,8]	45
Fe-60(n,d)Mn-59	TALYS-6a	0	[8]	38
Fe-60(n,t)Mn-58g	TALYS-6a	0		35
Fe-60(n,t)Mn-58m	TALYS-6a	0		35
Fe-60(n,h)Cr-58	TALYS-6a	0	[8,7,8]	28
Fe-60(n,a)Cr-57	TALYS-6a	0	[2,8]	62
Fe-60(n,2a)Ti-53	TALYS-6a	0	[8]	28
Fe-60(n,2p)Cr-59	TALYS-6a	0	[8,7,8]	25
Fe-60(n,pa)V-56	TALYS-6a	0	[8,7,8]	25
Fe-60(n,pd)Cr-58	TALYS-6a	0	[8,7,8]	23
Fe-60(n,pt)Cr-57	TALYS-6a	0	[8]	21
Fe-60(n,da)V-55	TALYS-6a	0	[8]	21
Fe-60(n,5n)Fe-56	TALYS-6a	0		15
Fe-60(n,6n)Fe-55	TALYS-6a	0		9
Fe-60(n,2nt)Mn-56	TALYS-6a	0	[8]	18
Fe-60(n,ta)V-54	TALYS-6a	0	[8]	21
Fe-60(n,4np)Mn-56	TALYS-6a	0		13
Fe-60(n,3nd)Mn-56	TALYS-6a	0		14
Fe-60(n,n'da)V-54	TALYS-6a	0	[8]	16
Fe-60(n,2npa)V-54	TALYS-6a	0	[8]	15
Fe-60(n,7n)Fe-54	TALYS-6a	0		4
Fe-60(n,5np)Mn-55	TALYS-6a	0		9
Fe-60(n,4na)Cr-53	TALYS-6a	0	[8]	14
Fe-60(n,5na)Cr-52	TALYS-6a	0	[8]	10
Fe-60(n,4nd)Mn-55	TALYS-6a	0		11
Fe-60(n,5nd)Mn-54	TALYS-6a	0		5
Fe-60(n,3nt)Mn-55	TALYS-6a	0	[8]	13
Fe-60(n,4nt)Mn-54	TALYS-6a	0	[8]	8
Fe-60(n,2nh)Cr-56	TALYS-6a	0		16
Fe-60(n,3nh)Cr-55	TALYS-6a	0		12
Fe-60(n,4nh)Cr-54	TALYS-6a	0		9
Fe-60(n,3n2p)Cr-56	TALYS-6a	0	[8]	12
Fe-60(n,3n2a)Ti-50	TALYS-6a	0	[8]	13
Fe-60(n,3npa)V-53	TALYS-6a	0	[8]	12
Fe-60(n,dt)Cr-56	TALYS-6a	0	[8]	18
Fe-60(n,n'pd)Cr-57	TALYS-6a	0	[8]	16
Fe-60(n,n'pt)Cr-56	TALYS-6a	0	[8]	16
Fe-60(n,n'dt)Cr-55	TALYS-6a	0	[8]	13
Fe-60(n,n'ph)V-56	TALYS-6a	0	[8,7,8]	11
Fe-60(n,n'ta)V-53	TALYS-6a	0	[8]	16
Fe-60(n,2n2p)Cr-57	TALYS-6a	0		15
Fe-60(n,4n2p)Cr-55	TALYS-6a	0	[8]	8
Fe-60(n,4n2a)Ti-49	TALYS-6a	0	[8]	7
Fe-60(n,4npa)V-52	TALYS-6a	0	[8]	7
Co-55(n,2nd)Fe-52g	TALYS-6a	0	[4]	19
Co-55(n,2nd)Fe-52m	TALYS-6a	0	[4,7,8]	13
>Co-55(n,2n)Co-54g	TALYS-5a	0		33
>Co-55(n,2n)Co-54m	TALYS-5a	0		32
Co-55(n,3n)Co-53	TALYS-6a	0		18
Co-55(n,n'a)Mn-51	TALYS-6a	0	[8]	42
Co-55(n,n'3a)Sc-43	TALYS-6a	0	[8]	13
Co-55(n,2na)Mn-50g	TALYS-6a	0		22
Co-55(n,2na)Mn-50m	TALYS-6a	0		22
Co-55(n,3na)Mn-49	TALYS-6a	0	[8]	13
Co-55(n,n'p)Fe-54	TALYS-6a	0	[8]	58
Co-55(n,n'2a)V-47	TALYS-6a	0	[8]	24
Co-55(n,2n2a)V-46	TALYS-6a	0	[8]	13
Co-55(n,n'd)Fe-53g	TALYS-6a	0	[4]	30
Co-55(n,n'd)Fe-53m	TALYS-6a	0	[4,7,8]	26
Co-55(n,n't)Fe-52g	TALYS-6a	0	[4]	25
Co-55(n,n't)Fe-52m	TALYS-6a	0	[4,7,8]	18
Co-55(n,n'h)Mn-52g	TALYS-6a	0		26
Co-55(n,n'h)Mn-52m	TALYS-6a	0		26
Co-55(n,n'd2a)Ti-45	TALYS-6a	0		10
Co-55(n,2np)Fe-53g	TALYS-6a	0	[4]	28
Co-55(n,2np)Fe-53m	TALYS-6a	0	[4,7,8]	24
Co-55(n,3np)Fe-52g	TALYS-6a	0	[4]	17
Co-55(n,3np)Fe-52m	TALYS-6a	0	[4,7,8]	12
Co-55(n,n'2p)Mn-53	TALYS-6a	0		31
Co-55(n,n'pa)Cr-50	TALYS-6a	0	[8]	30
Co-55(n,g)Co-56	MASGAM	0	[14,13]	83

Reaction	Library			
Co-55(n,p)Fe-55	TALYS-6a	0	[2]	100
Co-55(n,d)Fe-54	TALYS-6a	0	[8]	69
Co-55(n,t)Fe-53g	TALYS-6a	0	[4,8]	40
Co-55(n,t)Fe-53m	TALYS-6a	0	[4,7,8,8]	33
Co-55(n,h)Mn-53	TALYS-6a	0	[8]	47
Co-55(n,a)Mn-52g	TALYS-6a	0	[2]	100
Co-55(n,a)Mn-52m	TALYS-6a	0	[2]	100
Co-55(n,2a)V-48	TALYS-6a	0	[8]	39
Co-55(n,3a)Sc-44g	TALYS-6a	0		19
Co-55(n,3a)Sc-44m	TALYS-6a	0		20
Co-55(n,2p)Mn-54	TALYS-6a	0	[8]	56
Co-55(n,pa)Cr-51	TALYS-6a	0	[8]	52
Co-55(n,t2a)Ti-45	TALYS-6a	0	[8]	13
Co-55(n,d2a)Ti-46	TALYS-6a	0	[8]	18
Co-55(n,pd)Mn-53	TALYS-6a	0	[8]	35
Co-55(n,pt)Mn-52g	TALYS-6a	0		27
Co-55(n,pt)Mn-52m	TALYS-6a	0		27
Co-55(n,da)Cr-50	TALYS-6a	0	[8]	32
Co-55(n,2nt)Fe-51	TALYS-6a	0	[8]	12
Co-55(n,ta)Cr-49	TALYS-6a	0	[8]	25
Co-55(n,4np)Fe-51	TALYS-6a	0		8
Co-55(n,3nd)Fe-51	TALYS-6a	0	[8]	9
Co-55(n,n'da)Cr-49	TALYS-6a	0	[8]	18
Co-55(n,2npa)Cr-49	TALYS-6a	0	[8]	16
Co-55(n,2nh)Mn-51	TALYS-6a	0	[8]	16
Co-55(n,3nh)Mn-50g	TALYS-6a	0		9
Co-55(n,3nh)Mn-50m	TALYS-6a	0		9
Co-55(n,3n2p)Mn-51	TALYS-6a	0		13
Co-55(n,3npa)Cr-48	TALYS-6a	0	[8]	11
Co-55(n,dt)Mn-51	TALYS-6a	0	[8]	18
Co-55(n,n'pd)Mn-52g	TALYS-6a	0		21
Co-55(n,n'pd)Mn-52m	TALYS-6a	0		21
Co-55(n,n'pt)Mn-51	TALYS-6a	0	[8]	16
Co-55(n,n'dt)Mn-50g	TALYS-6a	0		10
Co-55(n,n'dt)Mn-50m	TALYS-6a	0		10
Co-55(n,n'ph)Cr-51	TALYS-6a	0	[8]	19
Co-55(n,n'dh)Cr-50	TALYS-6a	0	[8]	13
Co-55(n,n'th)Cr-49	TALYS-6a	0	[8]	10
Co-55(n,n'ta)Cr-48	TALYS-6a	0	[8]	15
Co-55(n,2n2p)Mn-52g	TALYS-6a	0		19
Co-55(n,2n2p)Mn-52m	TALYS-6a	0		19
Co-55(n,ph)Cr-52	TALYS-6a	0	[8]	31
Co-55(n,dh)Cr-51	TALYS-6a	0	[8]	20
Co-55(n,ha)V-49	TALYS-6a	0	[8]	26
Co-55(n,3p)Cr-53	TALYS-6a	0	[8]	31
Co-55(n,n'3p)Cr-52	TALYS-6a	0	[8]	23
Co-56(n,2nd)Fe-53g	TALYS-6a	0	[4,8]	19
Co-56(n,2nd)Fe-53m	TALYS-6a	0	[4,7,8,8]	15
Co-56(n,2n)Co-55	TALYS-6a	0		41
Co-56(n,3n)Co-54g	TALYS-6a	0		22
Co-56(n,3n)Co-54m	TALYS-6a	0		22
Co-56(n,n'a)Mn-52g	TALYS-6a	0		43
Co-56(n,n'a)Mn-52m	TALYS-6a	0		42
Co-56(n,n'3a)Sc-44g	TALYS-6a	0		12
Co-56(n,n'3a)Sc-44m	TALYS-6a	0		13
Co-56(n,2na)Mn-51	TALYS-6a	0	[8]	26
Co-56(n,3na)Mn-50g	TALYS-6a	0		14
Co-56(n,3na)Mn-50m	TALYS-6a	0		14
Co-56(n,n'p)Fe-55	TALYS-6a	0	[8]	54
Co-56(n,n'2a)V-48	TALYS-6a	0	[8]	24
Co-56(n,2n2a)V-47	TALYS-6a	0	[8]	15
Co-56(n,n'd)Fe-54	TALYS-6a	0	[8]	34
Co-56(n,n't)Fe-53g	TALYS-6a	0	[4]	26
Co-56(n,n't)Fe-53m	TALYS-6a	0	[4,7,8]	22
Co-56(n,n'h)Mn-53	TALYS-6a	0	[8]	28
Co-56(n,n'd2a)Ti-46	TALYS-6a	0	[8]	12
Co-56(n,4n)Co-53	TALYS-6a	0		12
Co-56(n,2np)Fe-54	TALYS-6a	0		31
Co-56(n,3np)Fe-53g	TALYS-6a	0	[4]	17
Co-56(n,3np)Fe-53m	TALYS-6a	0	[4,7,8]	14
Co-56(n,n'2p)Mn-54	TALYS-6a	0	[8]	30
Co-56(n,n'pa)Cr-51	TALYS-6a	0	[8]	29
Co-56(n,g)Co-57	MASGAM	0	[14,13]	83
Co-56(n,p)Fe-56	TALYS-6a	0	[2]	100
Co-56(n,d)Fe-55	TALYS-6a	0	[8]	65
Co-56(n,t)Fe-54	TALYS-6a	0	[8]	49
Co-56(n,h)Mn-54	TALYS-6a	0	[8]	44
Co-56(n,a)Mn-53	TALYS-6a	0	[2]	100
Co-56(n,2a)V-49	TALYS-6a	0	[8]	42
Co-56(n,3a)Sc-45g	TALYS-6a	0		21
Co-56(n,3a)Sc-45m	TALYS-6a	0		21
Co-56(n,2p)Mn-55	TALYS-6a	0	[8]	57
Co-56(n,pa)Cr-52	TALYS-6a	0	[8]	62
Co-56(n,t2a)Ti-46	TALYS-6a	0	[8]	15
Co-56(n,d2a)Ti-47	TALYS-6a	0	[8]	16
Co-56(n,pd)Mn-54	TALYS-6a	0	[8]	33
Co-56(n,pt)Mn-53	TALYS-6a	0	[8]	29
Co-56(n,da)Cr-51	TALYS-6a	0	[8]	31
Co-56(n,2nt)Fe-52g	TALYS-6a	0	[4]	16
Co-56(n,2nt)Fe-52m	TALYS-6a	0	[4,7,8]	11
Co-56(n,ta)Cr-50	TALYS-6a	0	[8]	28
Co-56(n,4np)Fe-52g	TALYS-6a	0	[4]	12
Co-56(n,4np)Fe-52m	TALYS-6a	0	[4,7,8]	7
Co-56(n,3nd)Fe-52g	TALYS-6a	0	[4]	13
Co-56(n,3nd)Fe-52m	TALYS-6a	0	[4,7,8]	8
Co-56(n,n'da)Cr-50	TALYS-6a	0	[8]	21
Co-56(n,2npa)Cr-50	TALYS-6a	0	[8]	19
Co-56(n,2nh)Mn-52g	TALYS-6a	0		16
Co-56(n,2nh)Mn-52m	TALYS-6a	0		16
Co-56(n,3nh)Mn-51	TALYS-6a	0	[8]	11
Co-56(n,3n2p)Mn-52g	TALYS-6a	0		13
Co-56(n,3n2p)Mn-52m	TALYS-6a	0		12
Co-56(n,3npa)Cr-49	TALYS-6a	0	[8]	11
Co-56(n,dt)Mn-52g	TALYS-6a	0		18
Co-56(n,dt)Mn-52m	TALYS-6a	0		18
Co-56(n,n'pd)Mn-53	TALYS-6a	0	[8]	23
Co-56(n,n'pt)Mn-52g	TALYS-6a	0		17
Co-56(n,n'pt)Mn-52m	TALYS-6a	0		16
Co-56(n,n'dt)Mn-51	TALYS-6a	0	[8]	12
Co-56(n,n'ph)Cr-52	TALYS-6a	0	[8]	20
Co-56(n,n'dh)Cr-51	TALYS-6a	0	[8]	13
Co-56(n,n'th)Cr-50	TALYS-6a	0	[8]	11
Co-56(n,n'ta)Cr-49	TALYS-6a	0	[8]	15
Co-56(n,2n2p)Mn-53	TALYS-6a	0	[8]	21
Co-56(n,ph)Cr-53	TALYS-6a	0	[8]	29
Co-56(n,dh)Cr-52	TALYS-6a	0	[8]	22
Co-56(n,ha)V-50	TALYS-6a	0	[8]	25
Co-56(n,4n2p)Mn-51	TALYS-6a	0	[8]	7
Co-56(n,3p)Cr-54	TALYS-6a	0	[8]	31
Co-56(n,n'3p)Cr-53	TALYS-6a	0	[8]	21
Co-57(n,2nd)Fe-54	TALYS-6a	0		22
Co-57(n,2n)Co-56	TALYS-6a	0		38
Co-57(n,3n)Co-55	TALYS-6a	0		25
Co-57(n,n'a)Mn-53	TALYS-6a	0	[8]	44
Co-57(n,n'3a)Sc-45g	TALYS-6a	0		13
Co-57(n,n'3a)Sc-45m	TALYS-6a	0		13
Co-57(n,2na)Mn-52g	TALYS-6a	0		26
Co-57(n,2na)Mn-52m	TALYS-6a	0		25
Co-57(n,3na)Mn-51	TALYS-6a	0	[8]	15
Co-57(n,n'p)Fe-56	TALYS-6a	0	[8]	54
Co-57(n,n'2a)V-49	TALYS-6a	0	[8]	25
Co-57(n,2n2a)V-48	TALYS-6a	0	[8]	14
Co-57(n,n'd)Fe-55	TALYS-6a	0		31
Co-57(n,n't)Fe-54	TALYS-6a	0		28
Co-57(n,n'h)Mn-54	TALYS-6a	0	[8]	26
Co-57(n,n'd2a)Ti-47	TALYS-6a	0	[8]	11
Co-57(n,4n)Co-54g	TALYS-6a	0		13
Co-57(n,4n)Co-54m	TALYS-6a	0		13
Co-57(n,2np)Fe-55	TALYS-6a	0		29
Co-57(n,3np)Fe-54	TALYS-6a	0		20
Co-57(n,n'2p)Mn-55	TALYS-6a	0	[8]	29
Co-57(n,n'pa)Cr-52	TALYS-6a	0	[8]	30
Co-57(n,g)Co-58g	MASGAM	0	[13,4,6,12,4]	111
Co-57(n,g)Co-58m	MASGAM	0	[13,4,6,12,4]	111
Co-57(n,p)Fe-57	TALYS-6a	0	[2]	100
Co-57(n,d)Fe-56	TALYS-6a	0	[8]	64
Co-57(n,t)Fe-55	TALYS-6a	0	[8]	43
Co-57(n,h)Mn-55	TALYS-6a	0	[8]	41
Co-57(n,a)Mn-54	TALYS-6a	0	[2]	100
Co-57(n,2a)V-50	TALYS-6a	0	[8]	38
Co-57(n,3a)Sc-46g	TALYS-6a	0		18
Co-57(n,3a)Sc-46m	TALYS-6a	0		17
Co-57(n,2p)Mn-56	TALYS-6a	0	[8]	41
Co-57(n,pa)Cr-53	TALYS-6a	0	[8]	45
Co-57(n,t2a)Ti-47	TALYS-6a	0	[8]	14
Co-57(n,d2a)Ti-48	TALYS-6a	0	[8]	17
Co-57(n,pd)Mn-55	TALYS-6a	0	[8]	31
Co-57(n,pt)Mn-54	TALYS-6a	0	[8]	27
Co-57(n,da)Cr-52	TALYS-6a	0	[8]	32
Co-57(n,2nt)Fe-53g	TALYS-6a	0	[4,8]	15
Co-57(n,2nt)Fe-53m	TALYS-6a	0	[4,7,8,8]	12
Co-57(n,ta)Cr-51	TALYS-6a	0	[8]	26
Co-57(n,4np)Fe-53g	TALYS-6a	0	[4]	11
Co-57(n,4np)Fe-53m	TALYS-6a	0	[4,7,8]	9
Co-57(n,3nd)Fe-53g	TALYS-6a	0	[4]	12
Co-57(n,3nd)Fe-53m	TALYS-6a	0	[4,7,8]	10
Co-57(n,n'da)Cr-51	TALYS-6a	0	[8]	19
Co-57(n,2npa)Cr-51	TALYS-6a	0	[8]	17
Co-57(n,4na)Mn-50g	TALYS-6a	0		8
Co-57(n,4na)Mn-50m	TALYS-6a	0		8
Co-57(n,4nd)Fe-52g	TALYS-6a	0	[4]	7
Co-57(n,4nd)Fe-52m	TALYS-6a	0	[4,7,8]	2
Co-57(n,3nt)Fe-52g	TALYS-6a	0	[4]	10
Co-57(n,3nt)Fe-52m	TALYS-6a	0	[4,7,8]	6
Co-57(n,2nh)Mn-53	TALYS-6a	0	[8]	17
Co-57(n,3nh)Mn-52g	TALYS-6a	0		11
Co-57(n,3nh)Mn-52m	TALYS-6a	0		10
Co-57(n,3n2p)Mn-53	TALYS-6a	0		13
Co-57(n,3n2a)V-47	TALYS-6a	0	[8]	9
Co-57(n,3npa)Cr-50	TALYS-6a	0	[8]	12
Co-57(n,dt)Mn-53	TALYS-6a	0	[8]	19
Co-57(n,n'pd)Mn-54	TALYS-6a	0	[8]	21
Co-57(n,n'pt)Mn-53	TALYS-6a	0	[8]	18
Co-57(n,n'dt)Mn-52g	TALYS-6a	0		12
Co-57(n,n'dt)Mn-52m	TALYS-6a	0		11
Co-57(n,n'ph)Cr-53	TALYS-6a	0	[8]	17
Co-57(n,n'dh)Cr-52	TALYS-6a	0	[8]	13
Co-57(n,n'th)Cr-51	TALYS-6a	0	[8]	10
Co-57(n,n'ta)Cr-50	TALYS-6a	0	[8]	16
Co-57(n,2n2p)Mn-54	TALYS-6a	0	[8]	19
Co-57(n,ph)Cr-54	TALYS-6a	0	[8]	27
Co-57(n,dh)Cr-53	TALYS-6a	0	[8]	18
Co-57(n,ha)V-51	TALYS-6a	0	[8]	25
Co-57(n,4n2p)Mn-52g	TALYS-6a	0		7
Co-57(n,4n2p)Mn-52m	TALYS-6a	0		7
Co-57(n,3p)Cr-55	TALYS-6a	0	[8]	25
Co-57(n,n'3p)Cr-54	TALYS-6a	0	[8]	19
Co-58(n,n')Co-58m	TALYS-6a	0		91
Co-58(n,2nd)Fe-55	TALYS-6a	0	[8]	22
Co-58(n,2n)Co-57	TALYS-6a	0		44
Co-58(n,3n)Co-56	TALYS-6a	0		26
Co-58(n,n'a)Mn-54	TALYS-6a	0	[8]	45
Co-58(n,n'3a)Sc-46g	TALYS-6a	0		12
Co-58(n,n'3a)Sc-46m	TALYS-6a	0		12
Co-58(n,2na)Mn-53	TALYS-6a	0	[8]	29
Co-58(n,3na)Mn-52g	TALYS-6a	0		17
Co-58(n,3na)Mn-52m	TALYS-6a	0		16
Co-58(n,n'p)Fe-57	TALYS-6a	0	[8]	49
Co-58(n,n'2a)V-50	TALYS-6a	0	[8]	25
Co-58(n,2n2a)V-49	TALYS-6a	0	[8]	16
Co-58(n,n'd)Fe-56	TALYS-6a	0	[8]	35
Co-58(n,n't)Fe-55	TALYS-6a	0	[8]	28
Co-58(n,n'h)Mn-55	TALYS-6a	0	[8]	27
Co-58(n,n'd2a)Ti-48	TALYS-6a	0	[8]	12
Co-58(n,n't2a)Ti-47	TALYS-6a	0	[8]	9
Co-58(n,4n)Co-55	TALYS-6a	0		16
Co-58(n,2np)Fe-56	TALYS-6a	0	[8]	31
Co-58(n,3np)Fe-55	TALYS-6a	0		20

Reaction	Library	Flag	Ref	Value
Co-58(n,n'2p)Mn-56	TALYS-6a	0	[8]	27
Co-58(n,n'pa)Cr-53	TALYS-6a	0	[8]	29
Co-58(n,g)Co-59	JEF-2.2(MDF)	2	[14,13]	429
Co-58(n,p)Fe-58	JEF-2.2	2	[13]	411
Co-58(n,d)Fe-57	TALYS-6a	0	[8]	59
Co-58(n,t)Fe-56	TALYS-6a	0	[8]	52
Co-58(n,h)Mn-56	TALYS-6a	0	[8]	39
Co-58(n,a)Mn-55	TALYS-6a	0	[9,2,3]	434
Co-58(n,2a)V-51	TALYS-6a	0	[8]	43
Co-58(n,3a)Sc-47	TALYS-6a	0	[8]	20
Co-58(n,2p)Mn-57	TALYS-6a	0	[8]	41
Co-58(n,pa)Cr-54	TALYS-6a	0	[8]	50
Co-58(n,t2a)Ti-48	TALYS-6a	0	[8]	15
Co-58(n,d2a)Ti-49	TALYS-6a	0	[8]	16
Co-58(n,pd)Mn-56	TALYS-6a	0	[8]	29
Co-58(n,pt)Mn-55	TALYS-6a	0	[8]	28
Co-58(n,da)Cr-53	TALYS-6a	0	[8]	31
Co-58(n,5n)Co-54g	TALYS-6a	0		9
Co-58(n,5n)Co-54m	TALYS-6a	0		9
Co-58(n,2nt)Fe-54	TALYS-6a	0		19
Co-58(n,ta)Cr-52	TALYS-6a	0	[8]	29
Co-58(n,4np)Fe-54	TALYS-6a	0		14
Co-58(n,3nd)Fe-54	TALYS-6a	0		15
Co-58(n,n'da)Cr-52	TALYS-6a	0	[8]	23
Co-58(n,2npa)Cr-52	TALYS-6a	0	[8]	21
Co-58(n,5np)Fe-53g	TALYS-6a	0	[4]	7
Co-58(n,5np)Fe-53m	TALYS-6a	0	[4,7,8]	4
Co-58(n,4na)Mn-51	TALYS-6a	0	[8]	11
Co-58(n,4nd)Fe-53g	TALYS-6a	0	[4]	8
Co-58(n,4nd)Fe-53m	TALYS-6a	0	[4,7,8]	5
Co-58(n,3nt)Fe-53g	TALYS-6a	0	[4]	11
Co-58(n,3nt)Fe-53m	TALYS-6a	0	[4,7,8]	9
Co-58(n,2nh)Mn-54	TALYS-6a	0	[8]	17
Co-58(n,3nh)Mn-53	TALYS-6a	0		13
Co-58(n,4nh)Mn-52g	TALYS-6a	0		6
Co-58(n,4nh)Mn-52m	TALYS-6a	0		6
Co-58(n,3n2p)Mn-54	TALYS-6a	0	[8]	13
Co-58(n,3n2a)V-48	TALYS-6a	0	[8]	10
Co-58(n,3npa)Cr-51	TALYS-6a	0	[8]	13
Co-58(n,dt)Mn-54	TALYS-6a	0	[8]	20
Co-58(n,n'pd)Mn-55	TALYS-6a	0	[8]	22
Co-58(n,n'pt)Mn-54	TALYS-6a	0	[8]	18
Co-58(n,n'dt)Mn-53	TALYS-6a	0	[8]	14
Co-58(n,n'ph)Cr-54	TALYS-6a	0	[8]	18
Co-58(n,n'dh)Cr-53	TALYS-6a	0	[8]	13
Co-58(n,n'th)Cr-52	TALYS-6a	0	[8]	12
Co-58(n,n'ta)Cr-51	TALYS-6a	0	[8]	17
Co-58(n,2n2p)Mn-55	TALYS-6a	0	[8]	20
Co-58(n,ph)Cr-55	TALYS-6a	0	[8]	24
Co-58(n,dh)Cr-54	TALYS-6a	0	[8]	19
Co-58(n,ha)V-52	TALYS-6a	0	[8]	22
Co-58(n,4n2p)Mn-53	TALYS-6a	0		9
Co-58(n,4npa)Cr-50	TALYS-6a	0	[8]	8
Co-58(n,3p)Cr-56	TALYS-6a	0	[8]	24
Co-58(n,n'3p)Cr-55	TALYS-6a	0	[8]	16
Co-58m(n,n')Co-58g	TALYS-6a	0	[8]	97
Co-58m(n,2nd)Fe-55	TALYS-6a	0	[8]	22
Co-58m(n,2n)Co-57	TALYS-6a	0		44
Co-58m(n,3n)Co-56	TALYS-6a	0		26
Co-58m(n,n'a)Mn-54	TALYS-6a	0	[8]	45
Co-58m(n,n'3a)Sc-46g	TALYS-6a	0		12
Co-58m(n,n'3a)Sc-46m	TALYS-6a	0		12
Co-58m(n,2na)Mn-53	TALYS-6a	0	[8]	29
Co-58m(n,3na)Mn-52g	TALYS-6a	0		17
Co-58m(n,3na)Mn-52m	TALYS-6a	0		16
Co-58m(n,n'p)Fe-57	TALYS-6a	0	[8]	49
Co-58m(n,n'2a)V-50	TALYS-6a	0	[8]	25
Co-58m(n,2n2a)V-49	TALYS-6a	0	[8]	16
Co-58m(n,n'd)Fe-56	TALYS-6a	0	[8]	35
Co-58m(n,n't)Fe-55	TALYS-6a	0	[8]	28
Co-58m(n,n'h)Mn-55	TALYS-6a	0	[8]	27
Co-58m(n,n'd2a)Ti-48	TALYS-6a	0	[8]	12
Co-58m(n,n't2a)Ti-47	TALYS-6a	0	[8]	9
Co-58m(n,4n)Co-55	TALYS-6a	0		16
Co-58m(n,2np)Fe-56	TALYS-6a	0	[8]	31
Co-58m(n,3np)Fe-55	TALYS-6a	0		20
Co-58m(n,n'2p)Mn-56	TALYS-6a	0	[8]	27
Co-58m(n,n'pa)Cr-53	TALYS-6a	0	[8]	29
Co-58m(n,g)Co-59	JEF-2.2	2	[13]	391
Co-58m(n,p)Fe-58	JEF-2.2	2	[13]	343
Co-58m(n,d)Fe-57	TALYS-6a	0	[8]	60
Co-58m(n,t)Fe-56	TALYS-6a	0	[8]	52
Co-58m(n,h)Mn-56	TALYS-6a	0	[8]	39
Co-58m(n,a)Mn-55	TALYS-6a	0	[2]	100
Co-58m(n,2a)V-51	TALYS-6a	0	[8]	43
Co-58m(n,3a)Sc-47	TALYS-6a	0	[8]	20
Co-58m(n,2p)Mn-57	TALYS-6a	0	[8]	41
Co-58m(n,pa)Cr-54	TALYS-6a	0	[8]	49
Co-58m(n,t2a)Ti-48	TALYS-6a	0	[8]	15
Co-58m(n,d2a)Ti-49	TALYS-6a	0	[8]	16
Co-58m(n,pd)Mn-56	TALYS-6a	0	[8]	29
Co-58m(n,pt)Mn-55	TALYS-6a	0	[8]	28
Co-58m(n,da)Cr-53	TALYS-6a	0	[8]	31
Co-58m(n,5n)Co-54g	TALYS-6a	0		9
Co-58m(n,5n)Co-54m	TALYS-6a	0		9
Co-58m(n,2nt)Fe-54	TALYS-6a	0		19
Co-58m(n,ta)Cr-52	TALYS-6a	0	[8]	29
Co-58m(n,4np)Fe-54	TALYS-6a	0		14
Co-58m(n,3nd)Fe-54	TALYS-6a	0		15
Co-58m(n,n'da)Cr-52	TALYS-6a	0	[8]	23
Co-58m(n,2npa)Cr-52	TALYS-6a	0	[8]	21
Co-58m(n,5np)Fe-53g	TALYS-6a	0	[4]	7
Co-58m(n,5np)Fe-53m	TALYS-6a	0	[4,7,8]	4
Co-58m(n,4na)Mn-51	TALYS-6a	0	[8]	11
Co-58m(n,4nd)Fe-53g	TALYS-6a	0	[4]	8
Co-58m(n,4nd)Fe-53m	TALYS-6a	0	[4,7,8]	5
Co-58m(n,3nt)Fe-53g	TALYS-6a	0	[4]	11
Co-58m(n,3nt)Fe-53m	TALYS-6a	0	[4,7,8]	9
Co-58m(n,2nh)Mn-54	TALYS-6a	0	[8]	17
Co-58m(n,3nh)Mn-53	TALYS-6a	0		13
Co-58m(n,4nh)Mn-52g	TALYS-6a	0		6
Co-58m(n,4nh)Mn-52m	TALYS-6a	0		6
Co-58m(n,3n2p)Mn-54	TALYS-6a	0	[8]	13
Co-58m(n,3n2a)V-48	TALYS-6a	0	[8]	10
Co-58m(n,3npa)Cr-51	TALYS-6a	0	[8]	13
Co-58m(n,dt)Mn-54	TALYS-6a	0	[8]	20
Co-58m(n,n'pd)Mn-55	TALYS-6a	0	[8]	22
Co-58m(n,n'pt)Mn-54	TALYS-6a	0	[8]	18
Co-58m(n,n'dt)Mn-53	TALYS-6a	0	[8]	14
Co-58m(n,n'ph)Cr-54	TALYS-6a	0	[8]	18
Co-58m(n,n'dh)Cr-53	TALYS-6a	0	[8]	13
Co-58m(n,n'th)Cr-52	TALYS-6a	0	[8]	12
Co-58m(n,n'ta)Cr-51	TALYS-6a	0	[8]	17
Co-58m(n,2n2p)Mn-55	TALYS-6a	0	[8]	20
Co-58m(n,ph)Cr-55	TALYS-6a	0	[8]	24
Co-58m(n,dh)Cr-54	TALYS-6a	0	[8]	19
Co-58m(n,ha)V-52	TALYS-6a	0	[8]	22
Co-58m(n,4n2p)Mn-53	TALYS-6a	0		9
Co-58m(n,4npa)Cr-50	TALYS-6a	0	[8]	8
Co-58m(n,3p)Cr-56	TALYS-6a	0	[8]	24
Co-58m(n,n'3p)Cr-55	TALYS-6a	0	[8]	16
Co-58m(n,3n2pa)V-50	TALYS-6a	0	[8]	7
Co-59(n,2nd)Fe-56	TALYS-6a	0		23
Co-59(n,2n)Co-58g	ADL-3	2	[13,3]	45
Co-59(n,2n)Co-58m	ADL-3	6	[13,3]	45
Co-59(n,3n)Co-57	TALYS-5	6		27
Co-59(n,n'a)Mn-55	TALYS-6a	0	[8]	45
Co-59(n,n'3a)Sc-47	TALYS-6a	0	[8]	13
Co-59(n,2na)Mn-54	TALYS-6a	0	[8]	28
Co-59(n,3na)Mn-53	TALYS-6a	0	[8]	18
Co-59(n,n'p)Fe-58	TALYS-6a	0	[8]	47
Co-59(n,n'2a)V-51	TALYS-6a	0	[8]	26
Co-59(n,2n2a)V-50	TALYS-6a	0	[8]	15
Co-59(n,n'd)Fe-57	TALYS-6a	0		31
Co-59(n,n't)Fe-56	TALYS-6a	0	[8]	29
Co-59(n,n'h)Mn-56	TALYS-6a	0		24
Co-59(n,n'd2a)Ti-49	TALYS-6a	0	[8]	11
Co-59(n,n't2a)Ti-48	TALYS-6a	0	[8]	10
Co-59(n,4n)Co-56	TALYS-5	4		16
Co-59(n,2np)Fe-57	TALYS-6a	0		29
Co-59(n,3np)Fe-56	TALYS-6a	0		21
Co-59(n,n'2p)Mn-57	TALYS-6a	0	[8]	26
Co-59(n,n'pa)Cr-54	TALYS-6a	0	[8]	28
Co-59(n,g)Co-60g	JEF-2.2	0	[13,4,6]	14960
Co-59(n,g)Co-60m	JEF-2.2	5	[13,4,6]	14960
Co-59(n,p)Fe-59	ENDF/B-VI.8	6	[13]	1274
Co-59(n,d)Fe-58	TALYS-6a	0	[8]	57
Co-59(n,t)Fe-57	TALYS-5a	6	[3,8]	42
Co-59(n,h)Mn-57	TALYS-6a	5	[8]	35
Co-59(n,a)Mn-56	HEPRL	6	[9,13]	227
Co-59(n,2a)V-52	TALYS-5	5	[8]	35
Co-59(n,3a)Sc-48	TALYS-6a	0	[8]	18
Co-59(n,2p)Mn-58g	TALYS-6a	0		33
Co-59(n,2p)Mn-58m	TALYS-6a	0		33
Co-59(n,pa)Cr-55	TALYS-6a	0	[8]	38
Co-59(n,t2a)Ti-49	TALYS-6a	0	[8]	14
Co-59(n,d2a)Ti-50	TALYS-6a	0	[8]	17
Co-59(n,pd)Mn-57	TALYS-6a	0	[8]	28
Co-59(n,pt)Mn-56	TALYS-6a	0	[8]	25
Co-59(n,da)Cr-54	TALYS-6a	0	[8]	30
Co-59(n,5n)Co-55	TALYS-5	4		11
Co-59(n,2nt)Fe-55	TALYS-6a	0		18
Co-59(n,ta)Cr-53	TALYS-6a	0	[8]	26
Co-59(n,4np)Fe-55	TALYS-6a	0		13
Co-59(n,3nd)Fe-55	TALYS-6a	0		14
Co-59(n,n'da)Cr-53	TALYS-6a	0	[8]	20
Co-59(n,2npa)Cr-53	TALYS-6a	0	[8]	18
Co-59(n,5np)Fe-54	TALYS-6a	0		8
Co-59(n,4na)Mn-52g	TALYS-6a	0		11
Co-59(n,4na)Mn-52m	TALYS-6a	0		11
Co-59(n,4nd)Fe-54	TALYS-6a	0		9
Co-59(n,3nt)Fe-54	TALYS-6a	0	[8]	12
Co-59(n,4nt)Fe-53g	TALYS-6a	0	[4]	6
Co-59(n,4nt)Fe-53m	TALYS-6a	0	[4,7,8]	3
Co-59(n,2nh)Mn-55	TALYS-6a	0	[8]	17
Co-59(n,3nh)Mn-54	TALYS-6a	0		12
Co-59(n,4nh)Mn-53	TALYS-6a	0	[8]	7
Co-59(n,3n2p)Mn-55	TALYS-6a	0	[8]	13
Co-59(n,3n2a)V-49	TALYS-6a	0	[8]	10
Co-59(n,3npa)Cr-52	TALYS-6a	0	[8]	13
Co-59(n,dt)Mn-55	TALYS-6a	0	[8]	19
Co-59(n,n'pd)Mn-56	TALYS-6a	0	[8]	19
Co-59(n,n'pt)Mn-55	TALYS-6a	0	[8]	18
Co-59(n,n'dt)Mn-54	TALYS-6a	0	[8]	13
Co-59(n,n'ph)Cr-55	TALYS-6a	0	[8]	15
Co-59(n,n'dh)Cr-54	TALYS-6a	0	[8]	12
Co-59(n,n'th)Cr-53	TALYS-6a	0	[8]	11
Co-59(n,n'ta)Cr-52	TALYS-6a	0	[8]	18
Co-59(n,2n2p)Mn-56	TALYS-6a	0	[8]	17
Co-59(n,ph)Cr-56	TALYS-6a	0	[8]	21
Co-59(n,dh)Cr-55	TALYS-6a	0	[8]	16
Co-59(n,ha)V-53	TALYS-6a	0	[8]	20
Co-59(n,4n2p)Mn-54	TALYS-6a	0		8
Co-59(n,4npa)Cr-51	TALYS-6a	0	[8]	7
Co-59(n,3p)Cr-57	TALYS-6a	0		17
Co-59(n,n'3p)Cr-56	TALYS-6a	0	[8]	15
Co-59(n,3n2pa)V-51	TALYS-6a	0	[8]	7
Co-60(n,n')Co-60m	TALYS-6a	0		90
Co-60(n,2nd)Fe-57	TALYS-6a	0		23
Co-60(n,2n)Co-59	TALYS-6a	0		47
Co-60(n,3n)Co-58g	TALYS-6a	0		28
Co-60(n,3n)Co-58m	TALYS-6a	0		28
Co-60(n,n'a)Mn-56	TALYS-6a	0	[8]	44
Co-60(n,n'3a)Sc-48	TALYS-6a	0	[8]	13
Co-60(n,2na)Mn-55	TALYS-6a	0	[8]	30
Co-60(n,3na)Mn-54	TALYS-6a	0	[8]	20

Reaction	Library			
Co-60(n,n'p)Fe-59	TALYS-6a	0	[8]	44
Co-60(n,n'2a)V-52	TALYS-6a	0	[8]	25
Co-60(n,2n2a)V-51	TALYS-6a	0	[8]	18
Co-60(n,n'd)Fe-58	TALYS-6a	0	[8]	35
Co-60(n,n't)Fe-57	TALYS-6a	0	[8]	29
Co-60(n,n'h)Mn-57	TALYS-6a	0	[8]	25
Co-60(n,n'd2a)Ti-50	TALYS-6a	0	[8]	12
Co-60(n,n't2a)Ti-49	TALYS-6a	0	[8]	10
Co-60(n,4n)Co-57	TALYS-6a	0		20
Co-60(n,2np)Fe-58	TALYS-6a	0		31
Co-60(n,3np)Fe-57	TALYS-6a	0		21
Co-60(n,n'2p)Mn-58g	TALYS-6a	0		24
Co-60(n,n'2p)Mn-58m	TALYS-6a	0		24
Co-60(n,n'pa)Cr-55	TALYS-6a	0	[8]	27
Co-60(n,g)Co-61	MASGAM	2	[13,12]	111
Co-60(n,p)Fe-60	TALYS-6a	0	[2]	100
Co-60(n,d)Fe-59	TALYS-6a	0	[8]	53
Co-60(n,t)Fe-58	TALYS-6a	0	[8]	51
Co-60(n,h)Mn-58g	TALYS-6a	0		32
Co-60(n,h)Mn-58m	TALYS-6a	0		32
Co-60(n,a)Mn-57	TALYS-6a	0	[2]	100
Co-60(n,2a)V-53	TALYS-6a	0	[8]	37
Co-60(n,3a)Sc-49	TALYS-6a	0	[8]	20
Co-60(n,2p)Mn-59	TALYS-6a	0	[8]	33
Co-60(n,pa)Cr-56	TALYS-6a	0	[8]	39
Co-60(n,t2a)Ti-50	TALYS-6a	0	[8]	16
Co-60(n,d2a)Ti-51	TALYS-6a	0	[8]	16
Co-60(n,pd)Mn-58g	TALYS-6a	0		26
Co-60(n,pd)Mn-58m	TALYS-6a	0		26
Co-60(n,pt)Mn-57	TALYS-6a	0	[8]	26
Co-60(n,da)Cr-55	TALYS-6a	0	[8]	28
Co-60(n,5n)Co-56	TALYS-6a	0		12
Co-60(n,6n)Co-55	TALYS-6a	0		7
Co-60(n,2nt)Fe-56	TALYS-6a	0	[8]	21
Co-60(n,ta)Cr-54	TALYS-6a	0	[8]	29
Co-60(n,4np)Fe-56	TALYS-6a	0		15
Co-60(n,3nd)Fe-56	TALYS-6a	0		16
Co-60(n,n'da)Cr-54	TALYS-6a	0	[8]	22
Co-60(n,2npa)Cr-54	TALYS-6a	0	[8]	21
Co-60(n,5np)Fe-55	TALYS-6a	0		9
Co-60(n,4na)Mn-53	TALYS-6a	0	[8]	13
Co-60(n,5na)Mn-52g	TALYS-6a	0		7
Co-60(n,5na)Mn-52m	TALYS-6a	0		7
Co-60(n,4nd)Fe-55	TALYS-6a	0		10
Co-60(n,5nd)Fe-54	TALYS-6a	0		6
Co-60(n,3nt)Fe-55	TALYS-6a	0	[8]	13
Co-60(n,4nt)Fe-54	TALYS-6a	0		9
Co-60(n,2nh)Mn-56	TALYS-6a	0	[8]	17
Co-60(n,3nh)Mn-55	TALYS-6a	0	[8]	13
Co-60(n,4nh)Mn-54	TALYS-6a	0	[8]	8
Co-60(n,3n2p)Mn-56	TALYS-6a	0		13
Co-60(n,3n2a)V-50	TALYS-6a	0	[8]	11
Co-60(n,3npa)Cr-53	TALYS-6a	0	[8]	13
Co-60(n,dt)Mn-56	TALYS-6a	0	[8]	19
Co-60(n,n'pd)Mn-57	TALYS-6a	0	[8]	20
Co-60(n,n'pt)Mn-56	TALYS-6a	0	[8]	17
Co-60(n,n'dt)Mn-55	TALYS-6a	0	[8]	14
Co-60(n,n'ph)Cr-56	TALYS-6a	0	[8]	15
Co-60(n,n'dh)Cr-55	TALYS-6a	0	[8]	12
Co-60(n,n'th)Cr-54	TALYS-6a	0	[8]	12
Co-60(n,n'ta)Cr-53	TALYS-6a	0	[8]	19
Co-60(n,2n2p)Mn-57	TALYS-6a	0	[8]	18
Co-60(n,ph)Cr-57	TALYS-6a	0	[8]	17
Co-60(n,ha)V-54	TALYS-6a	0	[8]	19
Co-60(n,4n2p)Mn-55	TALYS-6a	0	[8]	9
Co-60(n,4npa)Cr-52	TALYS-6a	0	[8]	9
Co-60(n,n'3p)Cr-57	TALYS-6a	0	[8]	14
Ni-56(n,2nd)Co-53	TALYS-6a	0		15
Ni-56(n,2n)Ni-55	IEAF-2001	0	[5,7,8]	123
Ni-56(n,3n)Ni-54	IEAF-2001	0	[5,7,8]	60
Ni-56(n,n'a)Fe-52g	TALYS-6a	0	[4,8]	42
Ni-56(n,n'a)Fe-52m	TALYS-6a	0	[4,7,8,8]	29
Ni-56(n,n'3a)Ti-44	TALYS-6a	0	[8]	13
Ni-56(n,2na)Fe-51	TALYS-6a	0	[8]	20
Ni-56(n,n'p)Co-55	TALYS-6a	0	[8]	48
Ni-56(n,n'2a)Cr-48	TALYS-6a	0	[8]	24
Ni-56(n,2n2a)Cr-47	TALYS-6a	0	[8]	11
Ni-56(n,n'd)Co-54g	TALYS-6a	0		27
Ni-56(n,n'd)Co-54m	TALYS-6a	0		27
Ni-56(n,n't)Co-53	TALYS-6a	0		19
Ni-56(n,n'h)Fe-53g	TALYS-6a	0	[4,8]	27
Ni-56(n,n'h)Fe-53m	TALYS-6a	0	[4,7,8,8]	23
Ni-56(n,2np)Co-54g	TALYS-6a	0		25
Ni-56(n,2np)Co-54m	TALYS-6a	0		24
Ni-56(n,3np)Co-53	TALYS-6a	0		14
Ni-56(n,n'2p)Fe-54	TALYS-6a	0	[8]	35
Ni-56(n,n'pa)Mn-51	TALYS-6a	0	[8]	28
Ni-56(n,g)Ni-57	MASGAM	0	[14,13]	83
Ni-56(n,p)Co-56	TALYS-6a	0	[2]	100
Ni-56(n,d)Co-55	TALYS-6a	0	[8]	58
Ni-56(n,t)Co-54g	TALYS-6a	0		34
Ni-56(n,t)Co-54m	TALYS-6a	0		34
Ni-56(n,h)Fe-54	TALYS-6a	0	[8]	56
Ni-56(n,a)Fe-53g	TALYS-6a	0	[4,2]	100
Ni-56(n,a)Fe-53m	TALYS-6a	0	[4,7,8,2,10]	86
Ni-56(n,2a)Cr-49	TALYS-6a	0	[8]	41
Ni-56(n,3a)Ti-45	TALYS-6a	0	[8]	21
Ni-56(n,2p)Fe-55	TALYS-6a	0	[8]	66
Ni-56(n,pa)Mn-52g	TALYS-6a	0		48
Ni-56(n,pa)Mn-52m	TALYS-6a	0		46
Ni-56(n,t2a)V-46	TALYS-6a	0	[8]	12
Ni-56(n,d2a)V-47	TALYS-6a	0	[8]	16
Ni-56(n,pd)Fe-54	TALYS-6a	0	[8]	39
Ni-56(n,pt)Fe-53g	TALYS-6a	0	[4,8]	28
Ni-56(n,pt)Fe-53m	TALYS-6a	0	[4,7,8,8]	24
Ni-56(n,da)Mn-51	TALYS-6a	0	[8]	30
Ni-56(n,ta)Mn-50g	TALYS-6a	0		21
Ni-56(n,ta)Mn-50m	TALYS-6a	0		21
Ni-56(n,n'da)Mn-50g	TALYS-6a	0		16
Ni-56(n,n'da)Mn-50m	TALYS-6a	0		16
Ni-56(n,2npa)Mn-50g	TALYS-6a	0		15
Ni-56(n,2npa)Mn-50m	TALYS-6a	0		15
Ni-56(n,2nh)Fe-52g	TALYS-6a	0	[4,8]	16
Ni-56(n,2nh)Fe-52m	TALYS-6a	0	[4,7,8,8]	11
Ni-56(n,3n2p)Fe-52g	TALYS-6a	0	[4,8]	12
Ni-56(n,3n2p)Fe-52m	TALYS-6a	0	[4,7,8,8]	8
Ni-56(n,3npa)Mn-49	TALYS-6a	0	[8]	8
Ni-56(n,dt)Fe-52g	TALYS-6a	0	[4,8]	18
Ni-56(n,dt)Fe-52m	TALYS-6a	0	[4,7,8,8]	13
Ni-56(n,n'pd)Fe-53g	TALYS-6a	0	[4,8]	21
Ni-56(n,n'pd)Fe-53m	TALYS-6a	0	[4,7,8,8]	18
Ni-56(n,n'pt)Fe-52g	TALYS-6a	0	[4,8]	16
Ni-56(n,n'pt)Fe-52m	TALYS-6a	0	[4,7,8,8]	12
Ni-56(n,n'ph)Mn-52g	TALYS-6a	0		18
Ni-56(n,n'ph)Mn-52m	TALYS-6a	0		17
Ni-56(n,n'dh)Mn-51	TALYS-6a	0	[8]	12
Ni-56(n,n'ta)Mn-49	TALYS-6a	0	[8]	12
Ni-56(n,2n2p)Fe-53g	TALYS-6a	0	[4]	20
Ni-56(n,2n2p)Fe-53m	TALYS-6a	0	[4,7,8]	16
Ni-56(n,ph)Mn-53	TALYS-6a	0	[8]	30
Ni-56(n,dh)Mn-52g	TALYS-6a	0		19
Ni-56(n,dh)Mn-52m	TALYS-6a	0		18
Ni-56(n,ha)Cr-50	TALYS-6a	0	[8]	28
Ni-56(n,3p)Mn-54	TALYS-6a	0	[8]	32
Ni-56(n,n'3p)Mn-53	TALYS-6a	0	[8]	23
Ni-57(n,2nd)Co-54g	TALYS-6a	0		16
Ni-57(n,2nd)Co-54m	TALYS-6a	0		16
Ni-57(n,2n)Ni-56	TALYS-6a	0		41
Ni-57(n,3n)Ni-55	TALYS-6a	0		19
Ni-57(n,n'a)Fe-53g	TALYS-6a	0	[4,8]	43
Ni-57(n,n'a)Fe-53m	TALYS-6a	0	[4,7,8,8]	38
Ni-57(n,n'3a)Ti-45	TALYS-6a	0	[8]	13
Ni-57(n,2na)Fe-52g	TALYS-6a	0	[4,8]	26
Ni-57(n,2na)Fe-52m	TALYS-6a	0	[4,7,8,8]	19
Ni-57(n,3na)Fe-51	TALYS-6a	0	[8]	13
Ni-57(n,n'p)Co-56	TALYS-6a	0	[8]	47
Ni-57(n,n'2a)Cr-49	TALYS-6a	0	[8]	25
Ni-57(n,2n2a)Cr-48	TALYS-6a	0	[8]	15
Ni-57(n,n'd)Co-55	TALYS-6a	0		31
Ni-57(n,n't)Co-54g	TALYS-6a	0		22
Ni-57(n,n't)Co-54m	TALYS-6a	0		22
Ni-57(n,n'h)Fe-54	TALYS-6a	0	[8]	30
Ni-57(n,n'd2a)V-47	TALYS-6a	0	[8]	10
Ni-57(n,2np)Co-55	TALYS-6a	0	[8]	28
Ni-57(n,3np)Co-54g	TALYS-6a	0		15
Ni-57(n,3np)Co-54m	TALYS-6a	0		15
Ni-57(n,n'2p)Fe-55	TALYS-6a	0	[8]	33
Ni-57(n,n'pa)Mn-52g	TALYS-6a	0		28
Ni-57(n,n'pa)Mn-52m	TALYS-6a	0		28
Ni-57(n,g)Ni-58	MASGAM	0	[14,13]	83
Ni-57(n,p)Co-57	TALYS-6a	0	[2]	100
Ni-57(n,d)Co-56	TALYS-6a	0	[8]	57
Ni-57(n,t)Co-55	TALYS-6a	0	[8]	42
Ni-57(n,h)Fe-55	TALYS-6a	0	[8]	51
Ni-57(n,a)Fe-54	TALYS-6a	0	[2]	100
Ni-57(n,2a)Cr-50	TALYS-6a	0	[8]	48
Ni-57(n,3a)Ti-46	TALYS-6a	0	[8]	24
Ni-57(n,2p)Fe-56	TALYS-6a	0	[8]	71
Ni-57(n,pa)Mn-53	TALYS-6a	0	[8]	58
Ni-57(n,t2a)V-47	TALYS-6a	0	[8]	13
Ni-57(n,d2a)V-48	TALYS-6a	0	[8]	16
Ni-57(n,pd)Fe-55	TALYS-6a	0	[8]	37
Ni-57(n,pt)Fe-54	TALYS-6a	0	[8]	31
Ni-57(n,da)Mn-52g	TALYS-6a	0		30
Ni-57(n,da)Mn-52m	TALYS-6a	0		29
Ni-57(n,2nt)Co-53	TALYS-6a	0		13
Ni-57(n,ta)Mn-51	TALYS-6a	0	[8]	25
Ni-57(n,4np)Co-53	TALYS-6a	0		9
Ni-57(n,3nd)Co-53	TALYS-6a	0		10
Ni-57(n,n'da)Mn-51	TALYS-6a	0	[8]	19
Ni-57(n,2npa)Mn-51	TALYS-6a	0	[8]	17
Ni-57(n,2nh)Fe-53g	TALYS-6a	0	[4,8]	16
Ni-57(n,2nh)Fe-53m	TALYS-6a	0	[4,7,8,8]	14
Ni-57(n,3nh)Fe-52g	TALYS-6a	0	[4,8]	11
Ni-57(n,3nh)Fe-52m	TALYS-6a	0	[4,7,8,8]	6
Ni-57(n,3n2p)Fe-53g	TALYS-6a	0	[4]	13
Ni-57(n,3n2p)Fe-53m	TALYS-6a	0	[4,7,8]	11
Ni-57(n,3npa)Mn-50g	TALYS-6a	0		9
Ni-57(n,3npa)Mn-50m	TALYS-6a	0		9
Ni-57(n,dt)Fe-53g	TALYS-6a	0	[4,8]	19
Ni-57(n,dt)Fe-53m	TALYS-6a	0	[4,7,8,8]	16
Ni-57(n,n'pd)Fe-54	TALYS-6a	0	[8]	25
Ni-57(n,n'pt)Fe-53g	TALYS-6a	0	[4,8]	17
Ni-57(n,n'pt)Fe-53m	TALYS-6a	0	[4,7,8,8]	14
Ni-57(n,n'dt)Fe-52g	TALYS-6a	0	[4,8]	12
Ni-57(n,n'dt)Fe-52m	TALYS-6a	0	[4,7,8,8]	8
Ni-57(n,n'ph)Mn-53	TALYS-6a	0	[8]	20
Ni-57(n,n'dh)Mn-52g	TALYS-6a	0		13
Ni-57(n,n'dh)Mn-52m	TALYS-6a	0		12
Ni-57(n,n'th)Mn-51	TALYS-6a	0	[8]	10
Ni-57(n,n'ta)Mn-50g	TALYS-6a	0		13
Ni-57(n,n'ta)Mn-50m	TALYS-6a	0		13
Ni-57(n,2n2p)Fe-54	TALYS-6a	0	[8]	23
Ni-57(n,ph)Mn-54	TALYS-6a	0	[8]	29
Ni-57(n,dh)Mn-53	TALYS-6a	0	[8]	21
Ni-57(n,ha)Cr-51	TALYS-6a	0	[8]	27
Ni-57(n,4n2p)Fe-52g	TALYS-6a	0	[4,8]	7
Ni-57(n,4n2p)Fe-52m	TALYS-6a	0	[4,7,8,8]	2
Ni-57(n,3p)Mn-55	TALYS-6a	0	[8]	32
Ni-57(n,n'3p)Mn-54	TALYS-6a	0	[8]	21
Ni-58(n,2nd)Co-55	TALYS-6a	0		18
Ni-58(n,2n)Ni-57	IRK	6	[13,12]	43
Ni-58(n,3n)Ni-56	TALYS-5	5		24
Ni-58(n,n'a)Fe-54	IRK	2	[13,3]	34
Ni-58(n,n'3a)Ti-46	TALYS-6a	0	[8]	14
Ni-58(n,2na)Fe-53g	TALYS-6a	0	[4,8]	25
Ni-58(n,2na)Fe-53m	TALYS-6a	0	[4,7,8,8]	21
Ni-58(n,3na)Fe-52g	TALYS-6a	0	[4,8]	15

Reaction	Library	F	Ref	XS
Ni-58(n,3na)Fe-52m	TALYS-6a	0	[4,7,8,8]	11
Ni-58(n,n'p)Co-57	IRK	6	[13,8]	49
Ni-58(n,n'2a)Cr-50	TALYS-6a	0	[8]	26
Ni-58(n,2n2a)Cr-49	TALYS-6a	0	[8]	14
Ni-58(n,n'd)Co-56	TALYS-6a	0	[8]	28
Ni-58(n,n't)Co-55	TALYS-5	5	[8]	24
Ni-58(n,n'h)Fe-55	TALYS-6a	0	[8]	27
Ni-58(n,n'd2a)V-48	TALYS-6a	0	[8]	10
Ni-58(n,4n)Ni-55	TALYS-6a	0		12
Ni-58(n,2np)Co-56	TALYS-6a	0	[8]	26
Ni-58(n,3np)Co-55	TALYS-6a	0		16
Ni-58(n,n'2p)Fe-56	TALYS-6a	0	[8]	31
Ni-58(n,n'pa)Mn-53	TALYS-6a	0	[8]	28
Ni-58(n,g)Ni-59	EFF-2.4	2	[13]	69160
Ni-58(n,p)Co-58g	IRK	2	[9,13,4,3,3,3,12]	34782
Ni-58(n,p)Co-58m	IRK	4	[7,9,13,4,7,3,3,13	4782
Ni-58(n,d)Co-57	IRK	4	[13]	48
Ni-58(n,t)Co-56	IRK	6	[13,8,12,3,15]	53
Ni-58(n,h)Fe-56	TALYS-6a	0	[8]	45
Ni-58(n,a)Fe-55	TALYS-6a	4	[9,3,3]	69122
Ni-58(n,2a)Cr-51	TALYS-6a	0	[8]	40
Ni-58(n,3a)Ti-47	TALYS-6a	0	[8]	20
Ni-58(n,2p)Fe-57	TALYS-6a	0	[8]	47
Ni-58(n,pa)Mn-54	TALYS-6a	0	[8,4]	43
Ni-58(n,t2a)V-48	TALYS-6a	0	[8]	13
Ni-58(n,d2a)V-49	TALYS-6a	0	[8]	16
Ni-58(n,pd)Fe-56	TALYS-6a	0	[8]	35
Ni-58(n,pt)Fe-55	TALYS-6a	0	[8]	28
Ni-58(n,da)Mn-53	TALYS-6a	0	[8]	30
Ni-58(n,2nt)Co-54g	TALYS-6a	0		13
Ni-58(n,2nt)Co-54m	TALYS-6a	0		13
Ni-58(n,ta)Mn-52g	TALYS-6a	0		24
Ni-58(n,ta)Mn-52m	TALYS-6a	0		23
Ni-58(n,4np)Co-54g	TALYS-6a	0		9
Ni-58(n,4np)Co-54m	TALYS-6a	0		9
Ni-58(n,3nd)Co-54g	TALYS-6a	0		10
Ni-58(n,3nd)Co-54m	TALYS-6a	0		10
Ni-58(n,n'da)Mn-52g	TALYS-6a	0		17
Ni-58(n,n'da)Mn-52m	TALYS-6a	0		17
Ni-58(n,2npa)Mn-52g	TALYS-6a	0		16
Ni-58(n,2npa)Mn-52m	TALYS-6a	0		16
Ni-58(n,2nh)Fe-54	TALYS-6a	0	[8]	18
Ni-58(n,3nh)Fe-53g	TALYS-6a	0	[4,8]	10
Ni-58(n,3nh)Fe-53m	TALYS-6a	0	[4,7,8,8]	7
Ni-58(n,3n2p)Fe-54	TALYS-6a	0	[8]	13
Ni-58(n,3n2a)Cr-48	TALYS-6a	0	[8]	8
Ni-58(n,3npa)Mn-51	TALYS-6a	0	[8]	10
Ni-58(n,dt)Fe-54	TALYS-6a	0	[8]	20
Ni-58(n,n'pd)Fe-55	TALYS-6a	0	[8]	22
Ni-58(n,n'pt)Fe-54	TALYS-6a	0	[8]	18
Ni-58(n,n'dt)Fe-53g	TALYS-6a	0	[4,8]	11
Ni-58(n,n'dt)Fe-53m	TALYS-6a	0	[4,7,8,8]	9
Ni-58(n,n'ph)Mn-54	TALYS-6a	0	[8]	16
Ni-58(n,n'dh)Mn-53	TALYS-6a	0	[8]	12
Ni-58(n,n'th)Mn-52g	TALYS-6a	0		9
Ni-58(n,n'th)Mn-52m	TALYS-6a	0		9
Ni-58(n,n'ta)Mn-51	TALYS-6a	0	[8]	14
Ni-58(n,2n2p)Fe-55	TALYS-6a	0	[8]	20
Ni-58(n,ph)Mn-55	TALYS-6a	0	[8]	27
Ni-58(n,dh)Mn-54	TALYS-6a	0	[8]	17
Ni-58(n,ha)Cr-52	TALYS-6a	0	[8]	27
Ni-58(n,4n2p)Fe-53g	TALYS-6a	0	[4]	7
Ni-58(n,4n2p)Fe-53m	TALYS-6a	0	[4,7,8]	4
Ni-58(n,3p)Mn-56	TALYS-6a	0	[8]	26
Ni-58(n,n'3p)Mn-55	TALYS-6a	0	[8]	19
Ni-58(n,3n2pa)Cr-50	TALYS-6a	0	[8]	7
Ni-59(n,2nd)Co-56	TALYS-6a	0		20
Ni-59(n,2n)Ni-58	TALYS-5a	1		43
Ni-59(n,3n)Ni-57	TALYS-6a	0		25
Ni-59(n,n'a)Fe-55	TALYS-6a	0	[8]	47
Ni-59(n,n'3a)Ti-47	TALYS-6a	0	[8]	14
Ni-59(n,2na)Fe-54	TALYS-6a	0	[8]	29
Ni-59(n,3na)Fe-53g	TALYS-6a	0	[4,8]	16
Ni-59(n,3na)Fe-53m	TALYS-6a	0	[4,7,8,8]	13
Ni-59(n,n'p)Co-58g	TALYS-6a	0		43
Ni-59(n,n'p)Co-58m	TALYS-6a	0		43
Ni-59(n,n'2a)Cr-51	TALYS-6a	0	[8]	26
Ni-59(n,2n2a)Cr-50	TALYS-6a	0	[8]	16
Ni-59(n,n'd)Co-57	TALYS-6a	0		31
Ni-59(n,n't)Co-56	TALYS-6a	0		26
Ni-59(n,n'h)Fe-56	TALYS-6a	0	[8]	29
Ni-59(n,n'd2a)V-49	TALYS-6a	0	[8]	11
Ni-59(n,4n)Ni-56	TALYS-6a	0		15
Ni-59(n,2np)Co-57	TALYS-6a	0		29
Ni-59(n,3np)Co-56	TALYS-6a	0		17
Ni-59(n,n'2p)Fe-57	TALYS-6a	0	[8]	30
Ni-59(n,n'pa)Mn-54	TALYS-6a	0	[8]	28
Ni-59(n,g)Ni-60	JEF-2.2	2	[14,13,3]	1566
Ni-59(n,p)Co-59	EFF-2.4	4	[13]	936
Ni-59(n,d)Co-58g	TALYS-6a	0		51
Ni-59(n,d)Co-58m	TALYS-6a	0		51
Ni-59(n,t)Co-57	TALYS-6a	0	[8]	43
Ni-59(n,h)Fe-57	TALYS-6a	0	[8]	43
Ni-59(n,a)Fe-56	EFF-2.4	4	[13,10]	738
Ni-59(n,2a)Cr-52	TALYS-6a	0	[8]	49
Ni-59(n,3a)Ti-48	TALYS-6a	0	[8]	23
Ni-59(n,2p)Fe-58	TALYS-6a	0	[8]	53
Ni-59(n,pa)Mn-55	TALYS-6a	0	[8]	47
Ni-59(n,t2a)V-49	TALYS-6a	0	[8]	14
Ni-59(n,d2a)V-50	TALYS-6a	0	[8]	16
Ni-59(n,pd)Fe-57	TALYS-6a	0	[8]	32
Ni-59(n,pt)Fe-56	TALYS-6a	0	[8]	30
Ni-59(n,da)Mn-54	TALYS-6a	0	[8]	30
Ni-59(n,2nt)Co-55	TALYS-6a	0		16
Ni-59(n,ta)Mn-53	TALYS-6a	0	[8]	27
Ni-59(n,4np)Co-55	TALYS-6a	0		12
Ni-59(n,3nd)Co-55	TALYS-6a	0		13
Ni-59(n,n'da)Mn-53	TALYS-6a	0	[8]	21
Ni-59(n,2npa)Mn-53	TALYS-6a	0	[8]	19
Ni-59(n,4na)Fe-52g	TALYS-6a	0	[4,8]	10
Ni-59(n,4na)Fe-52m	TALYS-6a	0	[4,7,8,8]	6
Ni-59(n,3nt)Co-54g	TALYS-6a	0		9
Ni-59(n,3nt)Co-54m	TALYS-6a	0		9
Ni-59(n,2nh)Fe-55	TALYS-6a	0	[8]	18
Ni-59(n,3nh)Fe-54	TALYS-6a	0		13
Ni-59(n,3n2p)Fe-55	TALYS-6a	0		14
Ni-59(n,3n2a)Cr-49	TALYS-6a	0	[8]	9
Ni-59(n,3npa)Mn-52g	TALYS-6a	0		11
Ni-59(n,3npa)Mn-52m	TALYS-6a	0		11
Ni-59(n,dt)Fe-55	TALYS-6a	0	[8]	20
Ni-59(n,n'pd)Fe-56	TALYS-6a	0	[8]	24
Ni-59(n,n'pt)Fe-55	TALYS-6a	0	[8]	19
Ni-59(n,n'dt)Fe-54	TALYS-6a	0	[8]	14
Ni-59(n,n'ph)Mn-55	TALYS-6a	0	[8]	17
Ni-59(n,n'dh)Mn-54	TALYS-6a	0	[8]	12
Ni-59(n,n'th)Mn-53	TALYS-6a	0	[8]	11
Ni-59(n,n'ta)Mn-52g	TALYS-6a	0		15
Ni-59(n,n'ta)Mn-52m	TALYS-6a	0		15
Ni-59(n,2n2p)Fe-56	TALYS-6a	0	[8]	22
Ni-59(n,ph)Mn-56	TALYS-6a	0	[8]	24
Ni-59(n,dh)Mn-55	TALYS-6a	0	[8]	19
Ni-59(n,ha)Cr-53	TALYS-6a	0	[8]	25
Ni-59(n,4n2p)Fe-54	TALYS-6a	0		9
Ni-59(n,3p)Mn-57	TALYS-6a	0	[8]	26
Ni-59(n,n'3p)Mn-56	TALYS-6a	0	[8]	17
Ni-59(n,3n2pa)Cr-51	TALYS-6a	0		7
Ni-60(n,2nd)Co-57	TALYS-6a	0		20
Ni-60(n,2n)Ni-59	IRK	2	[13,8]	43
Ni-60(n,3n)Ni-58	TALYS-6a	0		26
Ni-60(n,n'a)Fe-56	IRK	2	[13]	34
Ni-60(n,n'3a)Ti-48	TALYS-6a	0	[8]	14
Ni-60(n,2na)Fe-55	TALYS-6a	0	[8]	27
Ni-60(n,3na)Fe-54	TALYS-6a	0	[8]	17
Ni-60(n,n'p)Co-59	IRK	2	[13,8]	43
Ni-60(n,n'2a)Cr-52	TALYS-6a	0	[8]	27
Ni-60(n,2n2a)Cr-51	TALYS-6a	0	[8]	15
Ni-60(n,n'd)Co-58g	TALYS-6a	0		28
Ni-60(n,n'd)Co-58m	TALYS-6a	0		28
Ni-60(n,n't)Co-57	TALYS-6a	0	[8]	25
Ni-60(n,n'h)Fe-57	TALYS-6a	0	[8]	25
Ni-60(n,n'd2a)V-50	TALYS-6a	0	[8]	10
Ni-60(n,4n)Ni-57	TALYS-6a	0		15
Ni-60(n,2np)Co-58g	TALYS-6a	0		26
Ni-60(n,2np)Co-58m	TALYS-6a	0		26
Ni-60(n,3np)Co-57	TALYS-6a	0		17
Ni-60(n,n'2p)Fe-58	TALYS-6a	0	[8]	28
Ni-60(n,n'pa)Mn-55	TALYS-6a	0	[8]	27
>Ni-60(n,g)Ni-61	ENDF/B-VII	4	[13,3]	24235
Ni-60(n,p)Co-60g	JENDL-3.2/A	4	[13]	44
Ni-60(n,p)Co-60m	JENDL-3.2/A	6	[13]	44
Ni-60(n,d)Co-59	IRK	4	[13]	48
Ni-60(n,t)Co-58g	TALYS-6a	0	[19,8]	38
Ni-60(n,t)Co-58m	TALYS-6a	0	[19,8]	38
Ni-60(n,h)Fe-58	TALYS-6a	0	[8]	40
Ni-60(n,a)Fe-57	IRK	4	[9,13]	167
Ni-60(n,2a)Cr-53	TALYS-6a	0	[8]	39
Ni-60(n,3a)Ti-49	TALYS-6a	0	[8]	19
Ni-60(n,2p)Fe-59	TALYS-5	5	[8]	38
Ni-60(n,pa)Mn-56	TALYS-6a	0	[8]	37
Ni-60(n,t2a)V-50	TALYS-6a	0	[8]	13
Ni-60(n,d2a)V-51	TALYS-6a	0	[8]	16
Ni-60(n,pd)Fe-58	TALYS-6a	0	[8]	30
Ni-60(n,pt)Fe-57	TALYS-6a	0	[8]	26
Ni-60(n,da)Mn-55	TALYS-6a	0	[8]	29
Ni-60(n,5n)Ni-56	TALYS-6a	0		10
Ni-60(n,2nt)Co-56	TALYS-6a	0	[8]	15
Ni-60(n,ta)Mn-54	TALYS-6a	0	[8]	24
Ni-60(n,4np)Co-56	TALYS-6a	0		11
Ni-60(n,3nd)Co-56	TALYS-6a	0		12
Ni-60(n,n'da)Mn-54	TALYS-6a	0	[8]	18
Ni-60(n,2npa)Mn-54	TALYS-6a	0		16
Ni-60(n,5np)Co-55	TALYS-6a	0		6
Ni-60(n,4na)Fe-53g	TALYS-6a	0	[4,8]	10
Ni-60(n,4na)Fe-53m	TALYS-6a	0	[4,7,8,8]	8
Ni-60(n,4nd)Co-55	TALYS-6a	0		7
Ni-60(n,3nt)Co-55	TALYS-6a	0		10
Ni-60(n,2nh)Fe-56	TALYS-6a	0	[8]	18
Ni-60(n,3nh)Fe-55	TALYS-6a	0		12
Ni-60(n,4nh)Fe-54	TALYS-6a	0		7
Ni-60(n,3n2p)Fe-56	TALYS-6a	0	[8]	13
Ni-60(n,3n2a)Cr-50	TALYS-6a	0	[8]	10
Ni-60(n,3npa)Mn-53	TALYS-6a	0	[8]	12
Ni-60(n,dt)Fe-56	TALYS-6a	0	[8]	20
Ni-60(n,n'pd)Fe-57	TALYS-6a	0	[8]	20
Ni-60(n,n'pt)Fe-56	TALYS-6a	0	[8]	18
Ni-60(n,n'dt)Fe-55	TALYS-6a	0	[8]	13
Ni-60(n,n'ph)Mn-56	TALYS-6a	0	[8]	15
Ni-60(n,n'dh)Mn-55	TALYS-6a	0	[8]	12
Ni-60(n,n'th)Mn-54	TALYS-6a	0	[8]	9
Ni-60(n,n'ta)Mn-53	TALYS-6a	0		16
Ni-60(n,2n2p)Fe-57	TALYS-6a	0	[8]	18
Ni-60(n,ph)Mn-57	TALYS-6a	0	[8]	21
Ni-60(n,dh)Mn-56	TALYS-6a	0	[8]	15
Ni-60(n,ha)Cr-54	TALYS-6a	0	[8]	24
Ni-60(n,4n2p)Fe-55	TALYS-6a	0		8
Ni-60(n,3p)Mn-58g	TALYS-6a	0		20
Ni-60(n,3p)Mn-58m	TALYS-6a	0		20
Ni-60(n,n'3p)Mn-57	TALYS-6a	0	[8]	15
Ni-60(n,3n2pa)Cr-52	TALYS-6a	0	[8]	7
Ni-61(n,2nd)Co-58g	TALYS-6a	0		20
Ni-61(n,2nd)Co-58m	TALYS-6a	0		20
Ni-61(n,2n)Ni-60	TALYS-6a	0		46
Ni-61(n,3n)Ni-59	TALYS-6a	0		27

Reaction	Library	Flag	Ref	Value
Ni-61(n,n'a)Fe-57	TALYS-6a	0	[8]	45
Ni-61(n,n'3a)Ti-49	TALYS-6a	0	[8]	14
Ni-61(n,2na)Fe-56	TALYS-6a	0	[8]	31
Ni-61(n,3na)Fe-55	TALYS-6a	0	[8]	19
Ni-61(n,n'p)Co-60g	JENDL-3.2	1	[13,4]	572
Ni-61(n,n'p)Co-60m	JENDL-3.2	1	[13,4,7,8]	571
Ni-61(n,n'2a)Cr-53	TALYS-6a	0	[8]	27
Ni-61(n,2n2a)Cr-52	TALYS-6a	0	[8]	19
Ni-61(n,n'd)Co-59	TALYS-6a	0		31
Ni-61(n,n't)Co-58g	TALYS-6a	0		26
Ni-61(n,n't)Co-58m	TALYS-6a	0		26
Ni-61(n,n'h)Fe-58	TALYS-6a	0	[8]	27
Ni-61(n,n'd2a)V-51	TALYS-6a	0	[8]	12
Ni-61(n,n't2a)V-50	TALYS-6a	0	[8]	9
Ni-61(n,4n)Ni-58	TALYS-6a	0		18
Ni-61(n,2np)Co-59	TALYS-6a	0		29
Ni-61(n,3np)Co-58g	TALYS-6a	0		18
Ni-61(n,3np)Co-58m	TALYS-6a	0		18
Ni-61(n,n'2p)Fe-59	TALYS-6a	0	[8]	27
Ni-61(n,n'pa)Mn-56	TALYS-6a	0	[8]	26
Ni-61(n,g)Ni-62	EFF-2.4	2	[13]	5074
Ni-61(n,p)Co-61	EFF-2.4	5	[13]	54
Ni-61(n,d)Co-60g	TALYS-6a	0		45
Ni-61(n,d)Co-60m	TALYS-6a	0		45
Ni-61(n,t)Co-59	TALYS-6a	0	[8]	42
Ni-61(n,h)Fe-59	TALYS-6a	0	[8]	37
Ni-61(n,a)Fe-58	TALYS-5	2	[9,3,3]	4749
Ni-61(n,2a)Cr-54	TALYS-6a	0	[8]	43
Ni-61(n,3a)Ti-50	TALYS-6a	0	[8]	23
Ni-61(n,2p)Fe-60	TALYS-6a	0	[8]	41
Ni-61(n,pa)Mn-57	TALYS-6a	0	[8]	38
Ni-61(n,t2a)V-51	TALYS-6a	0	[8]	15
Ni-61(n,d2a)V-52	TALYS-6a	0	[8]	15
Ni-61(n,pd)Fe-59	TALYS-6a	0	[8]	29
Ni-61(n,pt)Fe-58	TALYS-6a	0	[8]	28
Ni-61(n,da)Mn-56	TALYS-6a	0	[8]	28
Ni-61(n,5n)Ni-57	TALYS-6a	0		11
Ni-61(n,2nt)Co-57	TALYS-6a	0		18
Ni-61(n,ta)Mn-55	TALYS-6a	0	[8]	27
Ni-61(n,4np)Co-57	TALYS-6a	0		13
Ni-61(n,3nd)Co-57	TALYS-6a	0		14
Ni-61(n,n'da)Mn-55	TALYS-6a	0	[8]	21
Ni-61(n,2npa)Mn-55	TALYS-6a	0	[8]	19
Ni-61(n,5np)Co-56	TALYS-6a	0		7
Ni-61(n,4na)Fe-54	TALYS-6a	0	[8]	13
Ni-61(n,4nd)Co-56	TALYS-6a	0		8
Ni-61(n,3nt)Co-56	TALYS-6a	0	[8]	11
Ni-61(n,4nt)Co-55	TALYS-6a	0		6
Ni-61(n,2nh)Fe-57	TALYS-6a	0	[8]	17
Ni-61(n,3nh)Fe-56	TALYS-6a	0	[8]	13
Ni-61(n,4nh)Fe-55	TALYS-6a	0	[8]	7
Ni-61(n,3n2p)Fe-57	TALYS-6a	0	[8]	13
Ni-61(n,3n2a)Cr-51	TALYS-6a	0	[8]	11
Ni-61(n,3npa)Mn-54	TALYS-6a	0	[8]	12
Ni-61(n,dt)Fe-57	TALYS-6a	0	[8]	20
Ni-61(n,n'pd)Fe-58	TALYS-6a	0	[8]	22
Ni-61(n,n'pt)Fe-57	TALYS-6a	0	[8]	18
Ni-61(n,n'dt)Fe-56	TALYS-6a	0	[8]	14
Ni-61(n,n'ph)Mn-57	TALYS-6a	0	[8]	15
Ni-61(n,n'dh)Mn-56	TALYS-6a	0	[8]	11
Ni-61(n,n'th)Mn-55	TALYS-6a	0	[8]	11
Ni-61(n,n'ta)Mn-54	TALYS-6a	0	[8]	16
Ni-61(n,2n2p)Fe-58	TALYS-6a	0	[8]	20
Ni-61(n,ph)Mn-58g	TALYS-6a	0		20
Ni-61(n,ph)Mn-58m	TALYS-6a	0		20
Ni-61(n,dh)Mn-57	TALYS-6a	0		16
Ni-61(n,ha)Cr-55	TALYS-6a	0	[8]	21
Ni-61(n,4n2p)Fe-56	TALYS-6a	0	[8]	9
Ni-61(n,4npa)Mn-53	TALYS-6a	0	[8]	8
Ni-61(n,n'3p)Mn-58g	TALYS-6a	0		14
Ni-61(n,n'3p)Mn-58m	TALYS-6a	0		14
Ni-61(n,3n2pa)Cr-53	TALYS-6a	0	[8]	7
Ni-62(n,2nd)Co-59	TALYS-6a	0		20
Ni-62(n,2n)Ni-61	TALYS-6a	0		40
Ni-62(n,3n)Ni-60	TALYS-6a	0		28
Ni-62(n,n'a)Fe-58	TALYS-6a	0	[8]	44
Ni-62(n,n'3a)Ti-50	TALYS-6a	0	[8]	14
Ni-62(n,2na)Fe-57	TALYS-6a	0	[8]	28
Ni-62(n,3na)Fe-56	TALYS-6a	0	[8]	20
Ni-62(n,n'p)Co-61	EFF-2.4	5	[13]	31
Ni-62(n,n'2a)Cr-54	TALYS-6a	0	[8]	26
Ni-62(n,2n2a)Cr-53	TALYS-6a	0	[8]	16
Ni-62(n,n'd)Co-60g	TALYS-6a	0		28
Ni-62(n,n'd)Co-60m	TALYS-6a	0		27
Ni-62(n,n't)Co-59	TALYS-6a	0	[8]	26
Ni-62(n,n'h)Fe-59	TALYS-6a	0	[8]	23
Ni-62(n,n'd2a)V-52	TALYS-6a	0	[8]	10
Ni-62(n,n't2a)V-51	TALYS-6a	0	[8]	9
Ni-62(n,4n)Ni-59	TALYS-6a	0		16
Ni-62(n,2np)Co-60g	TALYS-6a	0		25
Ni-62(n,2np)Co-60m	TALYS-6a	0		25
Ni-62(n,3np)Co-59	TALYS-6a	0		18
Ni-62(n,n'2p)Fe-60	TALYS-6a	0	[8]	25
Ni-62(n,n'pa)Mn-57	TALYS-6a	0	[8]	24
Ni-62(n,g)Ni-63	JENDL-3.2	4	[9,2]	11185
>Ni-62(n,p)Co-62g	TALYS-5a	6	[12,3]	60
>Ni-62(n,p)Co-62m	TALYS-5a	6	[3,12,3]	60
Ni-62(n,d)Co-61	TALYS-6a	0		43
Ni-62(n,t)Co-60g	TALYS-6a	0		36
Ni-62(n,t)Co-60m	TALYS-6a	0		36
Ni-62(n,h)Fe-60	TALYS-6a	0	[8]	33
Ni-62(n,a)Fe-59	TALYS-5a	6	[3,8]	76
Ni-62(n,2a)Cr-55	TALYS-6a	0	[8]	33
Ni-62(n,3a)Ti-51	TALYS-6a	0	[8]	18
Ni-62(n,2p)Fe-61	TALYS-6a	0	[8]	31
Ni-62(n,pa)Mn-58g	TALYS-6a	0		30
Ni-62(n,pa)Mn-58m	TALYS-6a	0		30
Ni-62(n,t2a)V-52	TALYS-6a	0	[8]	13
Ni-62(n,d2a)V-53	TALYS-6a	0	[8]	14
Ni-62(n,pd)Fe-60	TALYS-6a	0	[8]	27
Ni-62(n,pt)Fe-59	TALYS-6a	0	[8]	24
Ni-62(n,da)Mn-57	TALYS-6a	0	[8]	26
Ni-62(n,5n)Ni-58	TALYS-6a	0		12
Ni-62(n,6n)Ni-57	TALYS-6a	0		6
Ni-62(n,2nt)Co-58g	TALYS-6a	0		16
Ni-62(n,2nt)Co-58m	TALYS-6a	0		16
Ni-62(n,ta)Mn-56	TALYS-6a	0	[8]	23
Ni-62(n,4np)Co-58g	TALYS-6a	0		12
Ni-62(n,4np)Co-58m	TALYS-6a	0		12
Ni-62(n,3nd)Co-58g	TALYS-6a	0		13
Ni-62(n,3nd)Co-58m	TALYS-6a	0		13
Ni-62(n,n'da)Mn-56	TALYS-6a	0	[8]	17
Ni-62(n,2npa)Mn-56	TALYS-6a	0	[8]	16
Ni-62(n,5np)Co-57	TALYS-6a	0		8
Ni-62(n,4na)Fe-55	TALYS-6a	0	[8]	12
Ni-62(n,5na)Fe-54	TALYS-6a	0	[8]	7
Ni-62(n,4nd)Co-57	TALYS-6a	0		9
Ni-62(n,3nt)Co-57	TALYS-6a	0		12
Ni-62(n,4nt)Co-56	TALYS-6a	0		6
Ni-62(n,2nh)Fe-58	TALYS-6a	0	[8]	17
Ni-62(n,3nh)Fe-57	TALYS-6a	0		12
Ni-62(n,4nh)Fe-56	TALYS-6a	0		8
Ni-62(n,3n2p)Fe-58	TALYS-6a	0	[8]	13
Ni-62(n,3n2a)Cr-52	TALYS-6a	0	[8]	12
Ni-62(n,3npa)Mn-55	TALYS-6a	0	[8]	12
Ni-62(n,dt)Fe-58	TALYS-6a	0	[8]	19
Ni-62(n,n'pd)Fe-59	TALYS-6a	0	[8]	18
Ni-62(n,n'pt)Fe-58	TALYS-6a	0	[8]	18
Ni-62(n,n'dt)Fe-57	TALYS-6a	0	[8]	13
Ni-62(n,n'ph)Mn-58g	TALYS-6a	0		13
Ni-62(n,n'ph)Mn-58m	TALYS-6a	0		13
Ni-62(n,n'dh)Mn-57	TALYS-6a	0	[8]	10
Ni-62(n,n'th)Mn-56	TALYS-6a	0	[8]	9
Ni-62(n,n'ta)Mn-55	TALYS-6a	0	[8]	16
Ni-62(n,2n2p)Fe-59	TALYS-6a	0	[8]	16
Ni-62(n,ha)Cr-56	TALYS-6a	0	[8]	19
Ni-62(n,4n2p)Fe-57	TALYS-6a	0		8
Ni-62(n,4npa)Mn-54	TALYS-6a	0	[8]	7
Ni-62(n,3p)Mn-60g	TALYS-6a	0		15
Ni-62(n,3p)Mn-60m	TALYS-6a	0		15
Ni-62(n,n'3p)Mn-59	TALYS-6a	0	[8]	13
Ni-63(n,2nd)Co-60g	TALYS-6a	0		21
Ni-63(n,2nd)Co-60m	TALYS-6a	0		21
Ni-63(n,2n)Ni-62	TALYS-6a	0		51
Ni-63(n,3n)Ni-61	TALYS-6a	0		29
Ni-63(n,n'a)Fe-59	TALYS-6a	0	[8]	44
Ni-63(n,n'3a)Ti-51	TALYS-6a	0	[8]	13
Ni-63(n,2na)Fe-58	TALYS-6a	0	[8]	31
Ni-63(n,3na)Fe-57	TALYS-6a	0	[8]	20
Ni-63(n,n'p)Co-62g	TALYS-6a	0		38
Ni-63(n,n'p)Co-62m	TALYS-6a	0		38
Ni-63(n,n'2a)Cr-55	TALYS-6a	0	[8]	25
Ni-63(n,2n2a)Cr-54	TALYS-6a	0	[8]	19
Ni-63(n,n'd)Co-61	TALYS-6a	0		30
Ni-63(n,n't)Co-60g	TALYS-6a	0		27
Ni-63(n,n't)Co-60m	TALYS-6a	0		27
Ni-63(n,n'h)Fe-60	TALYS-6a	0	[8]	25
Ni-63(n,n'd2a)V-53	TALYS-6a	0	[8]	10
Ni-63(n,n't2a)V-52	TALYS-6a	0	[8]	9
Ni-63(n,4n)Ni-60	TALYS-6a	0		21
Ni-63(n,2np)Co-61	TALYS-6a	0		28
Ni-63(n,3np)Co-60g	TALYS-6a	0		19
Ni-63(n,3np)Co-60m	TALYS-6a	0		19
Ni-63(n,n'2p)Fe-61	TALYS-6a	0	[8]	23
Ni-63(n,n'pa)Mn-58g	TALYS-6a	0		23
Ni-63(n,n'pa)Mn-58m	TALYS-6a	0		23
Ni-63(n,g)Ni-64	MASGAM	2	[14,13,12]	111
Ni-63(n,p)Co-63	TALYS-6a	0	[2,8]	69
Ni-63(n,d)Co-62g	TALYS-6a	0		42
Ni-63(n,d)Co-62m	TALYS-6a	0		42
Ni-63(n,t)Co-61	TALYS-6a	0	[8]	41
Ni-63(n,h)Fe-61	TALYS-6a	0	[8]	31
Ni-63(n,a)Fe-60	TALYS-6a	0	[2]	100
Ni-63(n,2a)Cr-56	TALYS-6a	0	[8]	35
Ni-63(n,2p)Fe-62	TALYS-6a	0	[8]	32
Ni-63(n,pa)Mn-59	TALYS-6a	0	[8]	31
Ni-63(n,d2a)V-54	TALYS-6a	0	[8]	13
Ni-63(n,pd)Fe-61	TALYS-6a	0	[8]	25
Ni-63(n,pt)Fe-60	TALYS-6a	0	[8]	26
Ni-63(n,da)Mn-58g	TALYS-6a	0		25
Ni-63(n,da)Mn-58m	TALYS-6a	0		25
Ni-63(n,5n)Ni-59	TALYS-6a	0		13
Ni-63(n,6n)Ni-58	TALYS-6a	0		8
Ni-63(n,2nt)Co-59	TALYS-6a	0	[8]	19
Ni-63(n,ta)Mn-57	TALYS-6a	0	[8]	25
Ni-63(n,4np)Co-59	TALYS-6a	0		14
Ni-63(n,3nd)Co-59	TALYS-6a	0		15
Ni-63(n,n'da)Mn-57	TALYS-6a	0	[8]	19
Ni-63(n,2npa)Mn-57	TALYS-6a	0	[8]	17
Ni-63(n,5np)Co-58g	TALYS-6a	0		9
Ni-63(n,5np)Co-58m	TALYS-6a	0		9
Ni-63(n,4na)Fe-56	TALYS-6a	0		15
Ni-63(n,5na)Fe-55	TALYS-6a	0	[8]	9
Ni-63(n,4nd)Co-58g	TALYS-6a	0		10
Ni-63(n,4nd)Co-58m	TALYS-6a	0		10
Ni-63(n,5nd)Co-57	TALYS-6a	0		5
Ni-63(n,3nt)Co-58g	TALYS-6a	0		12
Ni-63(n,3nt)Co-58m	TALYS-6a	0		12
Ni-63(n,4nt)Co-57	TALYS-6a	0		8
Ni-63(n,2nh)Fe-59	TALYS-6a	0	[8]	17
Ni-63(n,3nh)Fe-58	TALYS-6a	0	[8]	13
Ni-63(n,4nh)Fe-57	TALYS-6a	0	[8]	8
Ni-63(n,3n2p)Fe-59	TALYS-6a	0		13
Ni-63(n,3n2a)Cr-53	TALYS-6a	0	[8]	12
Ni-63(n,3npa)Mn-56	TALYS-6a	0	[8]	12
Ni-63(n,dt)Fe-59	TALYS-6a	0	[8]	19
Ni-63(n,n'pd)Fe-60	TALYS-6a	0	[8]	20

Reaction	Library	Flag	Refs	Value
Ni-63(n,n'pt)Fe-59	TALYS-6a	0	[8]	17
Ni-63(n,n'dt)Fe-58	TALYS-6a	0	[8]	14
Ni-63(n,n'ph)Mn-59	TALYS-6a	0	[8]	13
Ni-63(n,n'th)Mn-57	TALYS-6a	0	[8]	10
Ni-63(n,n'ta)Mn-56	TALYS-6a	0	[8]	16
Ni-63(n,2n2p)Fe-60	TALYS-6a	0	[8]	18
Ni-63(n,ph)Mn-60g	TALYS-6a	0		16
Ni-63(n,ph)Mn-60m	TALYS-6a	0		16
Ni-63(n,4n2p)Fe-58	TALYS-6a	0		10
Ni-63(n,4n2a)Cr-52	TALYS-6a	0	[8]	8
Ni-63(n,4npa)Mn-55	TALYS-6a	0	[8]	9
Ni-63(n,n'3p)Mn-60g	TALYS-6a	0		12
Ni-63(n,n'3p)Mn-60m	TALYS-6a	0		12
Ni-64(n,2nd)Co-61	TALYS-6a	0	[8]	20
Ni-64(n,2n)Ni-63	ADL-3	2	[13]	45
Ni-64(n,3n)Ni-62	TALYS-6a	0		30
Ni-64(n,n'a)Fe-60	FENDL/A-1	1	[13]	31
Ni-64(n,2na)Fe-59	TALYS-6a	0	[8]	28
Ni-64(n,3na)Fe-58	TALYS-6a	0	[8]	21
Ni-64(n,n'p)Co-63	ENDF/B-VI.7	1	[13,15]	31
Ni-64(n,n'2a)Cr-56	TALYS-6a	0	[8]	23
Ni-64(n,2n2a)Cr-55	TALYS-6a	0	[8]	15
Ni-64(n,n'd)Co-62g	TALYS-6a	0		27
Ni-64(n,n'd)Co-62m	TALYS-6a	0		27
Ni-64(n,n't)Co-61	TALYS-6a	0	[8]	26
Ni-64(n,n'h)Fe-61	TALYS-6a	0	[8]	21
Ni-64(n,4n)Ni-61	TALYS-6a	0		19
Ni-64(n,2np)Co-62g	TALYS-6a	0		25
Ni-64(n,2np)Co-62m	TALYS-6a	0		25
Ni-64(n,3np)Co-61	TALYS-6a	0		18
Ni-64(n,n'2p)Fe-62	TALYS-6a	0	[8]	22
Ni-64(n,n'pa)Mn-59	TALYS-6a	0	[8]	21
Ni-64(n,g)Ni-65	JENDL-3.2	4	[9,2]	8789
Ni-64(n,p)Co-64	TALYS-5	2	[8]	50
Ni-64(n,d)Co-63	TALYS-6a	0	[8]	40
Ni-64(n,t)Co-62g	TALYS-6a	0		35
Ni-64(n,t)Co-62m	TALYS-6a	0		35
Ni-64(n,h)Fe-62	TALYS-6a	0	[8]	29
Ni-64(n,a)Fe-61	EFF-2.4	4	[13,3,7,8]	38
Ni-64(n,2a)Cr-57	TALYS-6a	0	[8]	27
Ni-64(n,2p)Fe-63	TALYS-6a	0	[8,7,8]	26
Ni-64(n,pa)Mn-60g	TALYS-6a	0		27
Ni-64(n,pa)Mn-60m	TALYS-6a	0		27
Ni-64(n,pd)Fe-62	TALYS-6a	0	[8]	24
Ni-64(n,pt)Fe-61	TALYS-6a	0	[8]	22
Ni-64(n,5n)Ni-60	TALYS-6a	0		14
Ni-64(n,6n)Ni-59	TALYS-6a	0		8
Ni-64(n,2nt)Co-60g	TALYS-6a	0		17
Ni-64(n,2nt)Co-60m	TALYS-6a	0		17
Ni-64(n,ta)Mn-58g	TALYS-6a	0		21
Ni-64(n,ta)Mn-58m	TALYS-6a	0		21
Ni-64(n,4np)Co-60g	TALYS-6a	0		13
Ni-64(n,4np)Co-60m	TALYS-6a	0		13
Ni-64(n,3nd)Co-60g	TALYS-6a	0		14
Ni-64(n,3nd)Co-60m	TALYS-6a	0		14
Ni-64(n,n'da)Mn-58g	TALYS-6a	0		16
Ni-64(n,n'da)Mn-58m	TALYS-6a	0		16
Ni-64(n,2npa)Mn-58g	TALYS-6a	0		15
Ni-64(n,2npa)Mn-58m	TALYS-6a	0		15
Ni-64(n,5np)Co-59	TALYS-6a	0		9
Ni-64(n,4na)Fe-57	TALYS-6a	0	[8]	13
Ni-64(n,5na)Fe-56	TALYS-6a	0	[8]	9
Ni-64(n,4nd)Co-59	TALYS-6a	0		10
Ni-64(n,5nd)Co-58g	TALYS-6a	0		5
Ni-64(n,5nd)Co-58m	TALYS-6a	0		5
Ni-64(n,3nt)Co-59	TALYS-6a	0		13
Ni-64(n,4nt)Co-58g	TALYS-6a	0		8
Ni-64(n,4nt)Co-58m	TALYS-6a	0		8
Ni-64(n,2nh)Fe-60	TALYS-6a	0	[8]	16
Ni-64(n,3nh)Fe-59	TALYS-6a	0		12
Ni-64(n,4nh)Fe-58	TALYS-6a	0	[8]	8
Ni-64(n,3n2p)Fe-60	TALYS-6a	0	[8]	12
Ni-64(n,3n2a)Cr-54	TALYS-6a	0	[8]	12
Ni-64(n,3npa)Mn-57	TALYS-6a	0	[8]	12
Ni-64(n,dt)Fe-60	TALYS-6a	0	[8]	18
Ni-64(n,n'pd)Fe-61	TALYS-6a	0	[8]	16
Ni-64(n,n'pt)Fe-60	TALYS-6a	0	[8]	16
Ni-64(n,n'dt)Fe-59	TALYS-6a	0	[8]	13
Ni-64(n,n'ph)Mn-60g	TALYS-6a	0		11
Ni-64(n,n'ph)Mn-60m	TALYS-6a	0		11
Ni-64(n,n'ta)Mn-57	TALYS-6a	0	[8]	16
Ni-64(n,2n2p)Fe-61	TALYS-6a	0	[8]	15
Ni-64(n,4n2p)Fe-59	TALYS-6a	0	[8]	8
Ni-64(n,4n2a)Cr-53	TALYS-6a	0	[8]	7
Ni-64(n,4npa)Mn-56	TALYS-6a	0	[8]	7
Ni-66(n,2nd)Co-63	TALYS-6a	0	[8]	20
Ni-66(n,2n)Ni-65	TALYS-6a	0		43
Ni-66(n,3n)Ni-64	TALYS-6a	0		31
Ni-66(n,n'a)Fe-62	TALYS-6a	0	[8]	39
Ni-66(n,2na)Fe-61	TALYS-6a	0	[8]	27
Ni-66(n,3na)Fe-60	TALYS-6a	0	[8]	21
Ni-66(n,n'p)Co-65	TALYS-6a	0	[8]	32
Ni-66(n,n'2a)Cr-58	TALYS-6a	0	[8,7,8]	19
Ni-66(n,2n2a)Cr-57	TALYS-6a	0	[8]	14
Ni-66(n,n'd)Co-64	TALYS-6a	0	[8]	26
Ni-66(n,n't)Co-63	TALYS-6a	0	[8]	26
Ni-66(n,n'h)Fe-63	TALYS-6a	0	[8,7,8]	19
Ni-66(n,n't2a)V-55	TALYS-6a	0	[8]	6
Ni-66(n,4n)Ni-63	TALYS-6a	0		21
Ni-66(n,2np)Co-64	TALYS-6a	0	[8]	24
Ni-66(n,3np)Co-63	TALYS-6a	0		18
Ni-66(n,n'2p)Fe-64	TALYS-6a	0	[8,7,8]	19
Ni-66(n,n'pa)Mn-61	TALYS-6a	0	[8,7,8]	18
>Ni-66(n,g)Ni-67	TALYS-6a	0		100
Ni-66(n,p)Co-66	TALYS-6a	0	[8]	42
Ni-66(n,d)Co-65	TALYS-6a	0	[8]	36
Ni-66(n,t)Co-64	TALYS-6a	0	[8]	34
Ni-66(n,h)Fe-64	TALYS-6a	0	[8,7,8]	26
Ni-66(n,a)Fe-63	TALYS-6a	0	[2,8,7,8]	55

Reaction	Library	Flag	Refs	Value
Ni-66(n,2p)Fe-65	TALYS-6a	0	[8]	22
Ni-66(n,pa)Mn-62	TALYS-6a	0	[8]	22
Ni-66(n,t2a)V-56	TALYS-6a	0	[8,7,8]	8
Ni-66(n,pd)Fe-64	TALYS-6a	0	[8,7,8]	21
Ni-66(n,pt)Fe-63	TALYS-6a	0	[8,7,8]	19
Ni-66(n,da)Mn-61	TALYS-6a	0	[8,7,8]	18
Ni-66(n,5n)Ni-62	TALYS-6a	0		15
Ni-66(n,6n)Ni-61	TALYS-6a	0		10
Ni-66(n,2nt)Co-62g	TALYS-6a	0		18
Ni-66(n,2nt)Co-62m	TALYS-6a	0		18
Ni-66(n,ta)Mn-60g	TALYS-6a	0		19
Ni-66(n,ta)Mn-60m	TALYS-6a	0		19
Ni-66(n,4np)Co-62g	TALYS-6a	0		13
Ni-66(n,4np)Co-62m	TALYS-6a	0		13
Ni-66(n,3nd)Co-62g	TALYS-6a	0		14
Ni-66(n,3nd)Co-62m	TALYS-6a	0		14
Ni-66(n,n'da)Mn-60g	TALYS-6a	0		15
Ni-66(n,n'da)Mn-60m	TALYS-6a	0		15
Ni-66(n,2npa)Mn-60g	TALYS-6a	0		14
Ni-66(n,2npa)Mn-60m	TALYS-6a	0		14
Ni-66(n,7n)Ni-60	TALYS-6a	0		6
Ni-66(n,5np)Co-61	TALYS-6a	0		10
Ni-66(n,6np)Co-60g	TALYS-6a	0		5
Ni-66(n,6np)Co-60m	TALYS-6a	0		5
Ni-66(n,4na)Fe-59	TALYS-6a	0	[8]	14
Ni-66(n,5na)Fe-58	TALYS-6a	0	[8]	11
Ni-66(n,4nd)Co-61	TALYS-6a	0		11
Ni-66(n,5nd)Co-60g	TALYS-6a	0		6
Ni-66(n,5nd)Co-60m	TALYS-6a	0		6
Ni-66(n,3nt)Co-61	TALYS-6a	0		14
Ni-66(n,4nt)Co-60g	TALYS-6a	0		9
Ni-66(n,4nt)Co-60m	TALYS-6a	0		9
Ni-66(n,5nt)Co-59	TALYS-6a	0	[8]	5
Ni-66(n,2nh)Fe-62	TALYS-6a	0	[8]	15
Ni-66(n,3nh)Fe-61	TALYS-6a	0	[8]	11
Ni-66(n,4nh)Fe-60	TALYS-6a	0		9
Ni-66(n,3n2p)Fe-62	TALYS-6a	0		12
Ni-66(n,3n2a)Cr-56	TALYS-6a	0	[8]	12
Ni-66(n,3npa)Mn-59	TALYS-6a	0	[8]	11
Ni-66(n,n'pd)Fe-63	TALYS-6a	0	[8,7,8]	15
Ni-66(n,n'pt)Fe-62	TALYS-6a	0	[8]	15
Ni-66(n,n'dt)Fe-61	TALYS-6a	0	[8]	12
Ni-66(n,n'ta)Mn-59	TALYS-6a	0	[8]	15
Ni-66(n,2n2p)Fe-63	TALYS-6a	0	[8,7,8]	14
Ni-66(n,4n2p)Fe-61	TALYS-6a	0		8
Ni-66(n,4n2a)Cr-55	TALYS-6a	0	[8]	7
Cu-63(n,2nd)Ni-60	TALYS-6a	0	[8,8,16,16]	24
Cu-63(n,2n)Cu-62	IRDF-90.2	6	[13,15]	117
Cu-63(n,3n)Cu-61	TALYS-6	6		26
Cu-63(n,n'a)Co-59	HEPRL	2	[13]	41
Cu-63(n,n'3a)V-51	TALYS-6a	0	[8]	15
Cu-63(n,2na)Co-58g	TALYS-6a	0		28
Cu-63(n,2na)Co-58m	TALYS-6a	0		28
Cu-63(n,3na)Co-57	TALYS-6a	0	[8]	20
Cu-63(n,n'p)Ni-62	JENDL-3.2	1	[13]	40
Cu-63(n,n'2a)Mn-55	TALYS-6a	0	[8]	28
Cu-63(n,2n2a)Mn-54	TALYS-6a	0	[8]	17
Cu-63(n,n'd)Ni-61	TALYS-6a	0	[8]	31
Cu-63(n,n't)Ni-60	TALYS-6a	0		30
Cu-63(n,n'h)Co-60g	TALYS-6a	0		26
Cu-63(n,n'h)Co-60m	TALYS-6a	0		25
Cu-63(n,n'd2a)Cr-53	TALYS-6a	0	[8]	12
Cu-63(n,n't2a)Cr-52	TALYS-6a	0	[8]	11
Cu-63(n,4n)Cu-60	TALYS-6a	0		16
Cu-63(n,2np)Ni-61	TALYS-6a	0	[8]	29
Cu-63(n,3np)Ni-60	TALYS-6a	0		22
Cu-63(n,n'2p)Co-61	TALYS-6a	0	[8]	28
Cu-63(n,n'pa)Fe-58	TALYS-6a	0	[8]	30
>Cu-63(n,g)Cu-64	ENDF/B-VI	5	[13]	31036
Cu-63(n,p)Ni-63	JENDL-3.2/A	4	[9,13,3,3,10]	19438
Cu-63(n,d)Ni-62	JENDL-3.2	2	[13]	42
Cu-63(n,t)Ni-61	TALYS-5	5	[8]	44
Cu-63(n,h)Co-61	TALYS-6a	5	[8]	39
Cu-63(n,a)Co-60g	TALYS-5a	3	[9,3,3]	14001
Cu-63(n,a)Co-60m	TALYS-5a	4	[9,3,3]	14001
Cu-63(n,2a)Mn-56	TALYS-6a	0	[8]	39
Cu-63(n,3a)V-52	TALYS-6a	0	[8]	20
Cu-63(n,2p)Co-62g	TALYS-6a	0		37
Cu-63(n,2p)Co-62m	TALYS-6a	0		37
Cu-63(n,pa)Fe-59	TALYS-6a	0	[8]	42
Cu-63(n,t2a)Cr-53	TALYS-6a	0	[8]	15
Cu-63(n,d2a)Cr-54	TALYS-6a	0	[8]	18
Cu-63(n,pd)Co-61	TALYS-6a	0	[8]	30
Cu-63(n,pt)Co-60g	TALYS-6a	0		26
Cu-63(n,pt)Co-60m	TALYS-6a	0		26
Cu-63(n,da)Fe-58	TALYS-6a	0	[8]	33
Cu-63(n,5n)Cu-59	TALYS-6a	0		10
Cu-63(n,2nt)Ni-59	TALYS-6a	0	[8]	18
Cu-63(n,ta)Fe-57	TALYS-6a	0	[8]	28
Cu-63(n,4np)Ni-59	TALYS-6a	0		13
Cu-63(n,3nd)Ni-59	TALYS-6a	0		14
Cu-63(n,n'da)Fe-57	TALYS-6a	0	[8]	22
Cu-63(n,2npa)Fe-57	TALYS-6a	0	[8]	20
Cu-63(n,5np)Ni-58	TALYS-6a	0		9
Cu-63(n,4na)Co-56	TALYS-6a	0	[8]	12
Cu-63(n,5na)Co-55	TALYS-6a	0	[8]	7
Cu-63(n,4nd)Ni-58	TALYS-6a	0		10
Cu-63(n,3nt)Ni-58	TALYS-6a	0		13
Cu-63(n,4nt)Ni-57	TALYS-6a	0	[8]	6
Cu-63(n,2nh)Co-59	TALYS-6a	0	[8]	18
Cu-63(n,3nh)Co-58g	TALYS-6a	0		12
Cu-63(n,3nh)Co-58m	TALYS-6a	0		12
Cu-63(n,4nh)Co-57	TALYS-6a	0		8
Cu-63(n,3n2p)Co-59	TALYS-6a	0		14
Cu-63(n,3n2a)Mn-53	TALYS-6a	0	[8]	12

Reaction	Library	Flag [refs]	Value
Cu-63(n,3npa)Fe-56	TALYS-6a	0 [8]	14
Cu-63(n,dt)Co-59	TALYS-6a	0 [8]	20
Cu-63(n,n'pd)Co-60g	TALYS-6a	0	20
Cu-63(n,n'pd)Co-60m	TALYS-6a	0	20
Cu-63(n,n'pt)Co-59	TALYS-6a	0 [8]	19
Cu-63(n,n'dt)Co-58g	TALYS-6a	0	13
Cu-63(n,n'dt)Co-58m	TALYS-6a	0	13
Cu-63(n,n'ph)Fe-59	TALYS-6a	0 [8]	16
Cu-63(n,n'dh)Fe-58	TALYS-6a	0 [8]	13
Cu-63(n,n'th)Fe-57	TALYS-6a	0 [8]	11
Cu-63(n,n'ta)Fe-56	TALYS-6a	0 [8]	20
Cu-63(n,2n2p)Co-60g	TALYS-6a	0	18
Cu-63(n,2n2p)Co-60m	TALYS-6a	0	18
Cu-63(n,ph)Fe-60	TALYS-6a	0 [8]	24
Cu-63(n,dh)Fe-59	TALYS-6a	0 [8]	17
Cu-63(n,ha)Mn-57	TALYS-6a	0 [8]	22
Cu-63(n,4n2p)Co-58g	TALYS-6a	0	9
Cu-63(n,4n2p)Co-58m	TALYS-6a	0	9
Cu-63(n,4npa)Fe-55	TALYS-6a	0 [8]	8
Cu-63(n,3p)Fe-61	TALYS-6a	0 [8]	22
Cu-63(n,n'3p)Fe-60	TALYS-6a	0 [8]	17
Cu-63(n,3n2pa)Mn-55	TALYS-6a	0 [8]	8
Cu-64(n,2nd)Ni-61	TALYS-6a	0	24
Cu-64(n,2n)Cu-63	TALYS-6a	0	45
Cu-64(n,3n)Cu-62	TALYS-6a	0	27
Cu-64(n,n'a)Co-60g	TALYS-6a	0	47
Cu-64(n,n'a)Co-60m	TALYS-6a	0	46
Cu-64(n,n'3a)V-52	TALYS-6a	0 [8]	14
Cu-64(n,2na)Co-59	TALYS-6a	0 [8]	31
Cu-64(n,3na)Co-58g	TALYS-6a	0	20
Cu-64(n,3na)Co-58m	TALYS-6a	0	20
Cu-64(n,n'p)Ni-63	TALYS-6a	0 [8]	48
Cu-64(n,n'2a)Mn-56	TALYS-6a	0 [8]	27
Cu-64(n,2n2a)Mn-55	TALYS-6a	0 [8]	20
Cu-64(n,n'd)Ni-62	TALYS-6a	0 [8]	36
Cu-64(n,n't)Ni-61	TALYS-6a	0 [8]	29
Cu-64(n,n'h)Co-61	TALYS-6a	0 [8]	27
Cu-64(n,n'd2a)Cr-54	TALYS-6a	0 [8]	13
Cu-64(n,n't2a)Cr-53	TALYS-6a	0 [8]	11
Cu-64(n,4n)Cu-61	TALYS-6a	0	18
Cu-64(n,2np)Ni-62	TALYS-6a	0	33
Cu-64(n,3np)Ni-61	TALYS-6a	0	21
Cu-64(n,n'2p)Co-62g	TALYS-6a	0	26
Cu-64(n,n'2p)Co-62m	TALYS-6a	0	26
Cu-64(n,n'pa)Fe-59	TALYS-6a	0 [8]	28
Cu-64(n,g)Cu-65	MASGAM	2 [14,13,12]	119
Cu-64(n,p)Ni-64	TALYS-6a	0 [2]	100
Cu-64(n,d)Ni-63	TALYS-6a	0 [8]	58
Cu-64(n,t)Ni-62	TALYS-6a	0 [8]	55
Cu-64(n,h)Co-62g	TALYS-6a	0	36
Cu-64(n,h)Co-62m	TALYS-6a	0	36
Cu-64(n,a)Co-61	TALYS-6a	0 [2]	100
Cu-64(n,2a)Mn-57	TALYS-6a	0 [8]	40
Cu-64(n,3a)V-53	TALYS-6a	0 [8]	21
Cu-64(n,2p)Co-63	TALYS-6a	0 [8]	38
Cu-64(n,pa)Fe-60	TALYS-6a	0 [8]	44
Cu-64(n,t2a)Cr-54	TALYS-6a	0 [8]	16
Cu-64(n,d2a)Cr-55	TALYS-6a	0 [8]	16
Cu-64(n,pd)Co-62g	TALYS-6a	0	28
Cu-64(n,pd)Co-62m	TALYS-6a	0	28
Cu-64(n,pt)Co-61	TALYS-6a	0 [8]	28
Cu-64(n,da)Fe-59	TALYS-6a	0 [8]	30
Cu-64(n,5n)Cu-60	TALYS-6a	0 [8]	11
Cu-64(n,6n)Cu-59	TALYS-6a	0	6
Cu-64(n,2nt)Ni-60	TALYS-6a	0 [8]	21
Cu-64(n,ta)Fe-58	TALYS-6a	0 [8]	30
Cu-64(n,4np)Ni-60	TALYS-6a	0	15
Cu-64(n,3nd)Ni-60	TALYS-6a	0	16
Cu-64(n,n'da)Fe-58	TALYS-6a	0 [8]	24
Cu-64(n,2npa)Fe-58	TALYS-6a	0 [8]	22
Cu-64(n,5np)Ni-59	TALYS-6a	0	9
Cu-64(n,4na)Co-57	TALYS-6a	0 [8]	14
Cu-64(n,5na)Co-56	TALYS-6a	0 [8]	8
Cu-64(n,4nd)Ni-59	TALYS-6a	0	10
Cu-64(n,5nd)Ni-58	TALYS-6a	0	6
Cu-64(n,3nt)Ni-59	TALYS-6a	0 [8]	13
Cu-64(n,4nt)Ni-58	TALYS-6a	0	9
Cu-64(n,2nh)Co-60g	TALYS-6a	0	18
Cu-64(n,2nh)Co-60m	TALYS-6a	0	18
Cu-64(n,3nh)Co-59	TALYS-6a	0 [8]	13
Cu-64(n,4nh)Co-58g	TALYS-6a	0	8
Cu-64(n,4nh)Co-58m	TALYS-6a	0	8
Cu-64(n,3n2p)Co-60g	TALYS-6a	0	13
Cu-64(n,3n2p)Co-60m	TALYS-6a	0	13
Cu-64(n,3n2a)Mn-54	TALYS-6a	0 [8]	12
Cu-64(n,3npa)Fe-57	TALYS-6a	0 [8]	14
Cu-64(n,dt)Co-60g	TALYS-6a	0	20
Cu-64(n,dt)Co-60m	TALYS-6a	0	20
Cu-64(n,n'pd)Co-61	TALYS-6a	0 [8]	22
Cu-64(n,n'pt)Co-60g	TALYS-6a	0	18
Cu-64(n,n'pt)Co-60m	TALYS-6a	0	18
Cu-64(n,n'dt)Co-59	TALYS-6a	0 [8]	14
Cu-64(n,n'ph)Fe-60	TALYS-6a	0 [8]	16
Cu-64(n,n'dh)Fe-59	TALYS-6a	0 [8]	13
Cu-64(n,n'th)Fe-58	TALYS-6a	0 [8]	12
Cu-64(n,n'ta)Fe-57	TALYS-6a	0 [8]	19
Cu-64(n,2n2p)Co-61	TALYS-6a	0 [8]	20
Cu-64(n,ph)Fe-61	TALYS-6a	0 [8]	21
Cu-64(n,ha)Mn-58g	TALYS-6a	0	20
Cu-64(n,ha)Mn-58m	TALYS-6a	0	21
Cu-64(n,4n2p)Co-59	TALYS-6a	0	10
Cu-64(n,4n2a)Mn-53	TALYS-6a	0 [8]	8
Cu-64(n,4npa)Fe-56	TALYS-6a	0 [8]	10
Cu-64(n,3p)Fe-62	TALYS-6a	0 [8]	22
Cu-64(n,n'3p)Fe-61	TALYS-6a	0 [8]	15
Cu-65(n,2nd)Ni-62	TALYS-6a	0	24
Cu-65(n,2n)Cu-64	JENDL-3.2/A	6 [13]	36
Cu-65(n,3n)Cu-63	TALYS-6a	0	28
Cu-65(n,n'a)Co-61	ENDF/B-VI.7	6 [13,15]	35
Cu-65(n,n'3a)V-53	TALYS-6a	0 [8]	13
Cu-65(n,2na)Co-60g	TALYS-6a	0	29
Cu-65(n,2na)Co-60m	TALYS-6a	0	28
Cu-65(n,3na)Co-59	TALYS-6a	0 [8]	21
Cu-65(n,n'p)Ni-64	TALYS-6a	0 [3,8]	46
Cu-65(n,n'2a)Mn-57	TALYS-6a	0 [8]	25
Cu-65(n,2n2a)Mn-56	TALYS-6a	0 [8]	16
Cu-65(n,n'd)Ni-63	TALYS-6a	0	31
Cu-65(n,n't)Ni-62	TALYS-6a	0 [8]	30
Cu-65(n,n'h)Co-62g	TALYS-6a	0	23
Cu-65(n,n'h)Co-62m	TALYS-6a	0	23
Cu-65(n,n'd2a)Cr-55	TALYS-6a	0 [8]	11
Cu-65(n,n't2a)Cr-54	TALYS-6a	0 [8]	11
Cu-65(n,4n)Cu-62	TALYS-6a	0	17
Cu-65(n,2np)Ni-63	TALYS-6a	0	29
Cu-65(n,3np)Ni-62	TALYS-6a	0	22
Cu-65(n,n'2p)Co-63	TALYS-6a	0 [8]	25
Cu-65(n,n'pa)Fe-60	TALYS-6a	0 [8]	27
Cu-65(n,g)Cu-66	ENDF/B-VI	6 [13]	24922
Cu-65(n,p)Ni-65	EAF-2007.0	6 [12,3]	223
Cu-65(n,d)Ni-64	JENDL-3.2	4 [13,3]	41
Cu-65(n,t)Ni-63	TALYS-6a	0 [8]	43
Cu-65(n,h)Co-63	TALYS-6a	0 [8]	33
Cu-65(n,a)Co-62g	HEPRL	3 [13,4]	192
Cu-65(n,a)Co-62m	HEPRL	6 [13,4,7,8]	191
Cu-65(n,2a)Mn-58g	TALYS-6a	0	33
Cu-65(n,2a)Mn-58m	TALYS-6a	0	33
Cu-65(n,2p)Co-64	TALYS-6a	0 [8]	31
Cu-65(n,pa)Fe-61	TALYS-6a	0 [8]	34
Cu-65(n,t2a)Cr-55	TALYS-6a	0 [8]	14
Cu-65(n,pd)Co-63	TALYS-6a	0 [8]	27
Cu-65(n,pt)Co-62g	TALYS-6a	0	24
Cu-65(n,pt)Co-62m	TALYS-6a	0	24
Cu-65(n,da)Fe-60	TALYS-6a	0 [8]	29
Cu-65(n,5n)Cu-61	TALYS-6a	0	12
Cu-65(n,6n)Cu-60	TALYS-6a	0	6
Cu-65(n,2nt)Ni-61	TALYS-6a	0 [8]	19
Cu-65(n,ta)Fe-59	TALYS-6a	0 [8]	26
Cu-65(n,4np)Ni-61	TALYS-6a	0	14
Cu-65(n,3nd)Ni-61	TALYS-6a	0	15
Cu-65(n,n'da)Fe-59	TALYS-6a	0 [8]	20
Cu-65(n,2npa)Fe-59	TALYS-6a	0 [8]	18
Cu-65(n,5np)Ni-60	TALYS-6a	0	10
Cu-65(n,4na)Co-58g	TALYS-6a	0	13
Cu-65(n,4na)Co-58m	TALYS-6a	0	13
Cu-65(n,5na)Co-57	TALYS-6a	0 [8]	9
Cu-65(n,4nd)Ni-60	TALYS-6a	0	11
Cu-65(n,5nd)Ni-59	TALYS-6a	0	5
Cu-65(n,3nt)Ni-60	TALYS-6a	0	14
Cu-65(n,4nt)Ni-59	TALYS-6a	0 [8]	8
Cu-65(n,2nh)Co-61	TALYS-6a	0 [8]	17
Cu-65(n,3nh)Co-60g	TALYS-6a	0	12
Cu-65(n,3nh)Co-60m	TALYS-6a	0	12
Cu-65(n,4nh)Co-59	TALYS-6a	0	9
Cu-65(n,3n2p)Co-61	TALYS-6a	0 [8]	13
Cu-65(n,3n2a)Mn-55	TALYS-6a	0 [8]	13
Cu-65(n,3npa)Fe-58	TALYS-6a	0 [8]	14
Cu-65(n,dt)Co-61	TALYS-6a	0 [8]	19
Cu-65(n,n'pd)Co-62g	TALYS-6a	0	18
Cu-65(n,n'pd)Co-62m	TALYS-6a	0	18
Cu-65(n,n'pt)Co-61	TALYS-6a	0 [8]	18
Cu-65(n,n'dt)Co-60g	TALYS-6a	0	13
Cu-65(n,n'dt)Co-60m	TALYS-6a	0	13
Cu-65(n,n'ph)Fe-61	TALYS-6a	0 [8]	14
Cu-65(n,n'dh)Fe-60	TALYS-6a	0 [8]	12
Cu-65(n,n'th)Fe-59	TALYS-6a	0 [8]	11
Cu-65(n,n'ta)Fe-58	TALYS-6a	0 [8]	20
Cu-65(n,2n2p)Co-62g	TALYS-6a	0	16
Cu-65(n,2n2p)Co-62m	TALYS-6a	0	16
Cu-65(n,4n2p)Co-60g	TALYS-6a	0	8
Cu-65(n,4n2p)Co-60m	TALYS-6a	0	8
Cu-65(n,4n2a)Mn-54	TALYS-6a	0 [8]	7
Cu-65(n,4npa)Fe-57	TALYS-6a	0 [8]	9
Cu-65(n,n'3p)Fe-62	TALYS-6a	0 [8]	14
Cu-67(n,2nd)Ni-64	TALYS-6a	0 [8]	24
Cu-67(n,2n)Cu-66	TALYS-6a	0	43
Cu-67(n,3n)Cu-65	TALYS-6a	0	30
Cu-67(n,n'a)Co-63	TALYS-6a	0 [8]	43
Cu-67(n,n'3a)V-55	TALYS-6a	0 [8]	10
Cu-67(n,2na)Co-62g	TALYS-6a	0	28
Cu-67(n,2na)Co-62m	TALYS-6a	0	28
Cu-67(n,3na)Co-61	TALYS-6a	0 [8]	21
Cu-67(n,n'p)Ni-66	TALYS-6a	0 [8]	43
Cu-67(n,n'2a)Mn-59	TALYS-6a	0 [8]	23
Cu-67(n,2n2a)Mn-58g	TALYS-6a	0	15
Cu-67(n,2n2a)Mn-58m	TALYS-6a	0	16
Cu-67(n,n'd)Ni-65	TALYS-6a	0 [8]	30
Cu-67(n,n't)Ni-64	TALYS-6a	0 [8]	30
Cu-67(n,n'h)Co-64	TALYS-6a	0 [8]	22
Cu-67(n,n'd2a)Cr-57	TALYS-6a	0 [8]	9
Cu-67(n,n't2a)Cr-56	TALYS-6a	0 [8]	10
Cu-67(n,4n)Cu-64	TALYS-6a	0	20
Cu-67(n,2np)Ni-65	TALYS-6a	0	29
Cu-67(n,3np)Ni-64	TALYS-6a	0 [8]	22
Cu-67(n,n'2p)Co-65	TALYS-6a	0 [8]	22
Cu-67(n,n'pa)Fe-62	TALYS-6a	0 [8]	24
Cu-67(n,g)Cu-68g	MASGAM	0 [14,13,4,6]	83
Cu-67(n,g)Cu-68m	MASGAM	0 [14,7,13,4,6]	83
Cu-67(n,p)Ni-67	TALYS-6a	0 [2,8]	69
Cu-67(n,d)Ni-66	TALYS-6a	0 [8]	51
Cu-67(n,t)Ni-65	TALYS-6a	0 [8]	42
Cu-67(n,h)Co-65	TALYS-6a	0 [8]	29
Cu-67(n,a)Co-64	TALYS-6a	0 [2,8]	69
Cu-67(n,2a)Mn-60g	TALYS-6a	0	28
Cu-67(n,2a)Mn-60m	TALYS-6a	0	28
Cu-67(n,3a)V-56	TALYS-6a	0 [8,7,8]	12
Cu-67(n,2p)Co-66	TALYS-6a	0 [8]	26
Cu-67(n,pa)Fe-63	TALYS-6a	0 [8,7,8]	28

Reaction	Library			
Cu-67(n,t2a)Cr-57	TALYS-6a	0	[8]	11
Cu-67(n,d2a)Cr-58	TALYS-6a	0	[8,7,8]	11
Cu-67(n,pd)Co-65	TALYS-6a	0	[8]	24
Cu-67(n,pt)Co-64	TALYS-6a	0	[8]	22
Cu-67(n,da)Fe-62	TALYS-6a	0	[8]	26
Cu-67(n,5n)Cu-63	TALYS-6a	0		14
Cu-67(n,6n)Cu-62	TALYS-6a	0		9
Cu-67(n,2nt)Ni-63	TALYS-6a	0		21
Cu-67(n,ta)Fe-61	TALYS-6a	0	[8]	24
Cu-67(n,4np)Ni-63	TALYS-6a	0		15
Cu-67(n,3nd)Ni-63	TALYS-6a	0		16
Cu-67(n,n'da)Fe-61	TALYS-6a	0	[8]	18
Cu-67(n,2npa)Fe-61	TALYS-6a	0	[8]	16
Cu-67(n,7n)Cu-61	TALYS-6a	0		4
Cu-67(n,5np)Ni-62	TALYS-6a	0		11
Cu-67(n,6np)Ni-61	TALYS-6a	0		6
Cu-67(n,4na)Co-60g	TALYS-6a	0		14
Cu-67(n,4na)Co-60m	TALYS-6a	0		14
Cu-67(n,5na)Co-59	TALYS-6a	0	[8]	10
Cu-67(n,4nd)Ni-62	TALYS-6a	0		12
Cu-67(n,5nd)Ni-61	TALYS-6a	0		7
Cu-67(n,3nt)Ni-62	TALYS-6a	0		15
Cu-67(n,4nt)Ni-61	TALYS-6a	0		10
Cu-67(n,5nt)Ni-60	TALYS-6a	0		6
Cu-67(n,2nh)Co-63	TALYS-6a	0	[8]	16
Cu-67(n,3nh)Co-62g	TALYS-6a	0		12
Cu-67(n,3nh)Co-62m	TALYS-6a	0		12
Cu-67(n,4nh)Co-61	TALYS-6a	0		9
Cu-67(n,3n2p)Co-63	TALYS-6a	0	[8]	12
Cu-67(n,3n2a)Mn-57	TALYS-6a	0	[8]	12
Cu-67(n,3npa)Fe-60	TALYS-6a	0	[8]	13
Cu-67(n,dt)Co-63	TALYS-6a	0	[8]	18
Cu-67(n,n'pd)Co-64	TALYS-6a	0	[8]	16
Cu-67(n,n'pt)Co-63	TALYS-6a	0	[8]	16
Cu-67(n,n'dt)Co-62g	TALYS-6a	0		13
Cu-67(n,n'dt)Co-62m	TALYS-6a	0		13
Cu-67(n,n'ph)Fe-63	TALYS-6a	0	[8,7,8]	12
Cu-67(n,n'ta)Fe-60	TALYS-6a	0	[8]	18
Cu-67(n,2n2p)Co-64	TALYS-6a	0	[8]	15
Cu-67(n,4n2p)Co-62g	TALYS-6a	0		8
Cu-67(n,4n2p)Co-62m	TALYS-6a	0		8
Cu-67(n,4n2a)Mn-56	TALYS-6a	0	[8]	8
Cu-67(n,4npa)Fe-59	TALYS-6a	0	[8]	9
Zn-62(n,2nd)Cu-59	TALYS-6a	0		20
Zn-62(n,2n)Zn-61	TALYS-5a	0	[4]	35
Zn-62(n,3n)Zn-60	TALYS-5a	0		23
Zn-62(n,n'a)Ni-58	TALYS-6a	0	[8]	61
Zn-62(n,n'3a)Cr-50	TALYS-6a	0	[8]	16
Zn-62(n,2na)Ni-57	TALYS-6a	0	[8]	29
Zn-62(n,3na)Ni-56	TALYS-6a	0	[8]	18
Zn-62(n,n'p)Cu-61	TALYS-6a	0	[8]	51
Zn-62(n,n'2a)Fe-54	TALYS-6a	0	[8]	31
Zn-62(n,2n2a)Fe-53g	TALYS-6a	0	[4,8]	16
Zn-62(n,2n2a)Fe-53m	TALYS-6a	0	[4,7,8,8]	15
Zn-62(n,n'd)Cu-60	TALYS-6a	0		30
Zn-62(n,n't)Cu-59	TALYS-6a	0		26
Zn-62(n,n'h)Ni-59	TALYS-6a	0	[8]	30
Zn-62(n,n'd2a)Mn-52g	TALYS-6a	0		12
Zn-62(n,n'd2a)Mn-52m	TALYS-6a	0		12
Zn-62(n,4n)Zn-59	TALYS-6a	0		12
Zn-62(n,2np)Cu-60	TALYS-6a	0		28
Zn-62(n,3np)Cu-59	TALYS-6a	0		18
Zn-62(n,n'2p)Ni-60	TALYS-6a	0	[8]	36
Zn-62(n,n'pa)Co-57	TALYS-6a	0	[8]	32
Zn-62(n,g)Zn-63	TALYS-6a	0	[14]	100
Zn-62(n,p)Cu-62	TALYS-6a	0	[2]	100
Zn-62(n,d)Cu-61	TALYS-6a	0	[8]	62
Zn-62(n,t)Cu-60	TALYS-6a	0	[8]	41
Zn-62(n,h)Ni-60	TALYS-6a	0	[8]	60
Zn-62(n,a)Ni-59	TALYS-6a	0	[2]	100
Zn-62(n,2a)Fe-55	TALYS-6a	0	[8]	58
Zn-62(n,3a)Cr-51	TALYS-6a	0	[8]	26
Zn-62(n,2p)Ni-61	TALYS-6a	0	[8]	63
Zn-62(n,pa)Co-58g	TALYS-6a	0		57
Zn-62(n,pa)Co-58m	TALYS-6a	0		57
Zn-62(n,t2a)Mn-52g	TALYS-6a	0		15
Zn-62(n,t2a)Mn-52m	TALYS-6a	0		15
Zn-62(n,d2a)Mn-53	TALYS-6a	0	[8]	21
Zn-62(n,pd)Ni-60	TALYS-6a	0	[8]	40
Zn-62(n,pt)Ni-59	TALYS-6a	0	[8]	30
Zn-62(n,da)Co-57	TALYS-6a	0	[8]	36
Zn-62(n,2nt)Cu-58	TALYS-6a	0		15
Zn-62(n,ta)Co-56	TALYS-6a	0	[8]	28
Zn-62(n,4np)Cu-58	TALYS-6a	0		11
Zn-62(n,3nd)Cu-58	TALYS-6a	0		11
Zn-62(n,n'da)Co-56	TALYS-6a	0	[8]	22
Zn-62(n,2npa)Co-56	TALYS-6a	0	[8]	20
Zn-62(n,2nh)Ni-58	TALYS-6a	0	[8]	21
Zn-62(n,3nh)Ni-57	TALYS-6a	0	[8]	12
Zn-62(n,3n2p)Ni-58	TALYS-6a	0		15
Zn-62(n,3n2a)Fe-52g	TALYS-6a	0	[4,8]	10
Zn-62(n,2n2a)Fe-52m	TALYS-6a	0	[4,7,8,8]	9
Zn-62(n,3npa)Co-55	TALYS-6a	0	[8]	13
Zn-62(n,dt)Ni-58	TALYS-6a	0	[8]	23
Zn-62(n,n'pd)Ni-59	TALYS-6a	0	[8]	24
Zn-62(n,n'pt)Ni-58	TALYS-6a	0	[8]	21
Zn-62(n,n'dt)Ni-57	TALYS-6a	0	[8]	13
Zn-62(n,n'ph)Co-58g	TALYS-6a	0		19
Zn-62(n,n'ph)Co-58m	TALYS-6a	0		19
Zn-62(n,n'dh)Co-57	TALYS-6a	0	[8]	14
Zn-62(n,n'th)Co-56	TALYS-6a	0	[8]	11
Zn-62(n,n'ta)Co-55	TALYS-6a	0	[8]	17
Zn-62(n,2n2p)Ni-59	TALYS-6a	0	[8]	22
Zn-62(n,ph)Co-59	TALYS-6a	0	[8]	30
Zn-62(n,dh)Co-58g	TALYS-6a	0		21
Zn-62(n,dh)Co-58m	TALYS-6a	0		20
Zn-62(n,ha)Fe-56	TALYS-6a	0	[8]	31
Zn-62(n,4n2p)Ni-57	TALYS-6a	0		9
Zn-62(n,3p)Co-60g	TALYS-6a	0		30
Zn-62(n,3p)Co-60m	TALYS-6a	0		30
Zn-62(n,n'3p)Co-59	TALYS-6a	0	[8]	23
Zn-62(n,3n2pa)Fe-54	TALYS-6a	0	[8]	9
Zn-64(n,2nd)Cu-61	TALYS-6a	0		21
Zn-64(n,2n)Zn-63	TALYS-5	6	[3]	37
Zn-64(n,3n)Zn-62	IEAF-2001	4	[3,5,7,8]	34
Zn-64(n,n'a)Ni-60	FENDL/A-1	2	[13,3,8]	78
Zn-64(n,n'3a)Cr-52	TALYS-6a	0	[8]	16
Zn-64(n,2na)Ni-59	TALYS-6a	0	[8]	29
Zn-64(n,3na)Ni-58	TALYS-6a	0	[8]	20
Zn-64(n,n'p)Cu-63	TALYS-6a	0	[8]	45
Zn-64(n,n'2a)Fe-56	TALYS-6a	0	[8]	31
Zn-64(n,2n2a)Fe-55	TALYS-6a	0	[8]	19
Zn-64(n,n'd)Cu-62	TALYS-6a	0	[8]	29
Zn-64(n,n't)Cu-61	TALYS-6a	0		27
Zn-64(n,n'h)Ni-61	TALYS-6a	0	[8]	28
Zn-64(n,n'd2a)Mn-54	TALYS-6a	0	[8]	12
Zn-64(n,n't2a)Mn-53	TALYS-6a	0	[8]	11
Zn-64(n,4n)Zn-61	TALYS-6a	0		14
Zn-64(n,2np)Cu-62	TALYS-6a	0	[8]	27
Zn-64(n,3np)Cu-61	TALYS-6a	0		19
Zn-64(n,n'2p)Ni-62	TALYS-6a	0	[8]	31
Zn-64(n,n'pa)Co-59	TALYS-6a	0	[8]	30
Zn-64(n,g)Zn-65	JEF-2.2	4	[14,13,13,4]	
22422				
Zn-64(n,p)Cu-64	JENDL-3.2/A	6	[9,13,3]	62
Zn-64(n,d)Cu-63	TALYS-6a	0	[8]	56
Zn-64(n,t)Cu-62	ADL-3	6	[13,3,8]	43
Zn-64(n,h)Ni-62	TALYS-6a	5	[8]	46
Zn-64(n,a)Ni-61	TALYS-5	4	[9,3]	
22463				
Zn-64(n,2a)Fe-57	TALYS-6a	0	[8]	46
Zn-64(n,3a)Cr-53	TALYS-6a	0	[8]	24
Zn-64(n,2p)Ni-63	TALYS-6a	0	[8]	45
Zn-64(n,pa)Co-60g	TALYS-6a	0		44
Zn-64(n,pa)Co-60m	TALYS-6a	0		43
Zn-64(n,t2a)Mn-54	TALYS-6a	0	[8]	15
Zn-64(n,d2a)Mn-55	TALYS-6a	0	[8]	19
Zn-64(n,pd)Ni-62	TALYS-6a	0	[8]	35
Zn-64(n,pt)Ni-61	TALYS-6a	0	[8]	29
Zn-64(n,da)Co-59	TALYS-6a	0	[8]	32
Zn-64(n,5n)Zn-60	TALYS-6a	0		9
Zn-64(n,2nt)Cu-60	TALYS-6a	0		16
Zn-64(n,ta)Co-58g	TALYS-6a	0		27
Zn-64(n,ta)Co-58m	TALYS-6a	0		27
Zn-64(n,4np)Cu-60	TALYS-6a	0		12
Zn-64(n,3nd)Cu-60	TALYS-6a	0		13
Zn-64(n,n'da)Co-58g	TALYS-6a	0		21
Zn-64(n,n'da)Co-58m	TALYS-6a	0		21
Zn-64(n,2npa)Co-58g	TALYS-6a	0		19
Zn-64(n,2npa)Co-58m	TALYS-6a	0		19
Zn-64(n,5np)Cu-59	TALYS-6a	0	[8]	6
Zn-64(n,4na)Ni-57	TALYS-6a	0	[8]	12
Zn-64(n,4nd)Cu-59	TALYS-6a	0	[8]	7
Zn-64(n,3nt)Cu-59	TALYS-6a	0	[8]	10
Zn-64(n,2nh)Ni-60	TALYS-6a	0	[8]	20
Zn-64(n,3nh)Ni-59	TALYS-6a	0	[8]	12
Zn-64(n,4nh)Ni-58	TALYS-6a	0	[8]	8
Zn-64(n,3n2p)Ni-60	TALYS-6a	0		15
Zn-64(n,3n2a)Fe-54	TALYS-6a	0	[8]	12
Zn-64(n,3npa)Co-57	TALYS-6a	0	[8]	13
Zn-64(n,dt)Ni-60	TALYS-6a	0		22
Zn-64(n,n'pd)Ni-61	TALYS-6a	0	[8]	22
Zn-64(n,n'pt)Ni-60	TALYS-6a	0	[8]	21
Zn-64(n,n'dt)Ni-59	TALYS-6a	0	[8]	13
Zn-64(n,n'ph)Co-60g	TALYS-6a	0		16
Zn-64(n,n'ph)Co-60m	TALYS-6a	0		16
Zn-64(n,n'dh)Co-59	TALYS-6a	0	[8]	13
Zn-64(n,n'th)Co-58g	TALYS-6a	0		11
Zn-64(n,n'th)Co-58m	TALYS-6a	0		11
Zn-64(n,n'ta)Co-57	TALYS-6a	0	[8]	18
Zn-64(n,2n2p)Ni-61	TALYS-6a	0	[8]	21
Zn-64(n,ph)Co-61	TALYS-6a	0	[8]	25
Zn-64(n,dh)Co-60g	TALYS-6a	0		17
Zn-64(n,dh)Co-60m	TALYS-6a	0		17
Zn-64(n,ha)Fe-58	TALYS-6a	0	[8]	27
Zn-64(n,4n2p)Ni-59	TALYS-6a	0		7
Zn-64(n,4npa)Co-56	TALYS-6a	0	[8]	7
Zn-64(n,3p)Co-62g	TALYS-6a	0		24
Zn-64(n,3p)Co-62m	TALYS-6a	0		24
Zn-64(n,n'3p)Co-61	TALYS-6a	0	[8]	18
Zn-64(n,3n2pa)Fe-56	TALYS-6a	0	[8]	9
Zn-65(n,2nd)Cu-62	TALYS-6a	0	[8]	21
Zn-65(n,2n)Zn-64	TALYS-6a	0		45
Zn-65(n,3n)Zn-63	TALYS-6a	0		26
Zn-65(n,n'a)Ni-61	TALYS-6a	0	[8]	57
Zn-65(n,n'3a)Cr-53	TALYS-6a	0	[8]	16
Zn-65(n,2na)Ni-60	TALYS-6a	0	[8]	34
Zn-65(n,3na)Ni-59	TALYS-6a	0	[8]	21
Zn-65(n,n'p)Cu-64	TALYS-6a	0	[8]	45
Zn-65(n,n'2a)Fe-57	TALYS-6a	0	[8]	30
Zn-65(n,2n2a)Fe-56	TALYS-6a	0	[8]	22
Zn-65(n,n'd)Cu-63	TALYS-6a	0	[8]	33
Zn-65(n,n't)Cu-62	TALYS-6a	0	[8]	27
Zn-65(n,n'h)Ni-62	TALYS-6a	0	[8]	30
Zn-65(n,n'd2a)Mn-55	TALYS-6a	0	[8]	14
Zn-65(n,n't2a)Mn-54	TALYS-6a	0	[8]	11
Zn-65(n,4n)Zn-62	TALYS-6a	0		17
Zn-65(n,2np)Cu-63	TALYS-6a	0	[8]	30
Zn-65(n,3np)Cu-62	TALYS-6a	0		20
Zn-65(n,n'2p)Ni-63	TALYS-6a	0	[8]	30
Zn-65(n,n'pa)Co-60g	TALYS-6a	0		29
Zn-65(n,n'pa)Co-60m	TALYS-6a	0		29
Zn-65(n,g)Zn-66	MASGAM	2	[14,13,12]	113
Zn-65(n,p)Cu-65	TALYS-6	1		100
Zn-65(n,d)Cu-64	TALYS-6a	0	[8]	55
Zn-65(n,t)Cu-63	TALYS-6a	0	[8]	46
Zn-65(n,h)Ni-63	TALYS-6a	0	[8]	43
Zn-65(n,a)Ni-62	TALYS-6a	0	[2]	100

Zn-65(n,2a)Fe-58	TALYS-6a	0 [8]	57	Zn-66(n,dt)Ni-62	TALYS-6a	0 [8]	21
Zn-65(n,3a)Cr-54	TALYS-6a	0 [8]	26	Zn-66(n,n'pd)Ni-63	TALYS-6a	0 [8]	21
Zn-65(n,2p)Ni-64	TALYS-6a	0 [8]	53	Zn-66(n,n'pt)Ni-62	TALYS-6a	0 [8]	20
Zn-65(n,pa)Co-61	TALYS-6a	0 [8]	48	Zn-66(n,n'dt)Ni-61	TALYS-6a	0 [8]	13
Zn-65(n,t2a)Mn-55	TALYS-6a	0 [8]	17	Zn-66(n,n'ph)Co-62g	TALYS-6a	0	14
Zn-65(n,d2a)Mn-56	TALYS-6a	0 [8]	17	Zn-66(n,n'ph)Co-62m	TALYS-6a	0	14
Zn-65(n,pd)Ni-63	TALYS-6a	0 [8]	33	Zn-66(n,n'dh)Co-61	TALYS-6a	0 [8]	12
Zn-65(n,pt)Ni-62	TALYS-6a	0 [8]	31	Zn-66(n,n'th)Co-60g	TALYS-6a	0	10
Zn-65(n,da)Co-60g	TALYS-6a	0	31	Zn-66(n,n'th)Co-60m	TALYS-6a	0	10
Zn-65(n,da)Co-60m	TALYS-6a	0	31	Zn-66(n,n'ta)Co-59	TALYS-6a	0 [8]	18
Zn-65(n,5n)Zn-61	TALYS-6a	0	10	Zn-66(n,2n2p)Ni-63	TALYS-6a	0 [8]	19
Zn-65(n,2nt)Cu-61	TALYS-6a	0 [8]	18	Zn-66(n,ph)Co-63	TALYS-6a	0 [8]	21
Zn-65(n,ta)Co-59	TALYS-6a	0 [8]	30	Zn-66(n,ha)Fe-60	TALYS-6a	0	23
Zn-65(n,4np)Cu-61	TALYS-6a	0	14	Zn-66(n,4n2p)Ni-61	TALYS-6a	0	9
Zn-65(n,3nd)Cu-61	TALYS-6a	0	15	Zn-66(n,4n2a)Fe-55	TALYS-6a	0 [8]	7
Zn-65(n,n'da)Co-59	TALYS-6a	0 [8]	23	Zn-66(n,4npa)Co-58g	TALYS-6a	0	8
Zn-65(n,2npa)Co-59	TALYS-6a	0 [8]	22	Zn-66(n,4npa)Co-58m	TALYS-6a	0	8
Zn-65(n,5np)Cu-60	TALYS-6a	0	8	Zn-66(n,3p)Co-64	TALYS-6a	0 [8]	19
Zn-65(n,4na)Ni-58	TALYS-6a	0 [8]	14	Zn-66(n,n'3p)Co-63	TALYS-6a	0 [8]	15
Zn-65(n,5na)Ni-57	TALYS-6a	0 [8]	8	Zn-66(n,3n2pa)Fe-58	TALYS-6a	0 [8]	8
Zn-65(n,4nd)Cu-60	TALYS-6a	0	9	Zn-67(n,2nd)Cu-64	TALYS-6a	0	22
Zn-65(n,3nt)Cu-60	TALYS-6a	0 [8]	11	Zn-67(n,2n)Zn-66	TALYS-6a	0	50
Zn-65(n,2nh)Ni-61	TALYS-6a	0 [8]	20	Zn-67(n,3n)Zn-65	TALYS-6a	0	28
Zn-65(n,3nh)Ni-60	TALYS-6a	0 [8]	14	Zn-67(n,n'a)Ni-63	TALYS-6a	0 [8]	53
Zn-65(n,4nh)Ni-59	TALYS-6a	0	9	Zn-67(n,n'3a)Cr-55	TALYS-6a	0 [8]	14
Zn-65(n,3n2p)Ni-61	TALYS-6a	0 [8]	14	Zn-67(n,2na)Ni-62	TALYS-6a	0 [8]	35
Zn-65(n,3n2a)Fe-55	TALYS-6a	0 [8]	13	Zn-67(n,3na)Ni-61	TALYS-6a	0 [8]	22
Zn-65(n,3npa)Co-58g	TALYS-6a	0	14	Zn-67(n,n'p)Cu-66	TALYS-6a	0	43
Zn-65(n,3npa)Co-58m	TALYS-6a	0	14	Zn-67(n,n'2a)Fe-59	TALYS-6a	0 [8]	28
Zn-65(n,dt)Ni-61	TALYS-6a	0 [8]	22	Zn-67(n,2n2a)Fe-58	TALYS-6a	0 [8]	21
Zn-65(n,n'pd)Ni-62	TALYS-6a	0 [8]	25	Zn-67(n,n'd)Cu-65	TALYS-6a	0 [8]	33
Zn-65(n,n'pt)Ni-61	TALYS-6a	0 [8]	20	Zn-67(n,n't)Cu-64	TALYS-6a	0 [8]	28
Zn-65(n,n'dt)Ni-60	TALYS-6a	0 [8]	15	Zn-67(n,n'h)Ni-64	TALYS-6a	0 [8]	29
Zn-65(n,n'ph)Co-61	TALYS-6a	0 [8]	17	Zn-67(n,n'd2a)Mn-57	TALYS-6a	0 [8]	12
Zn-65(n,n'dh)Co-60g	TALYS-6a	0	13	Zn-67(n,n't2a)Mn-56	TALYS-6a	0 [8]	10
Zn-65(n,n'dh)Co-60m	TALYS-6a	0	13	Zn-67(n,4n)Zn-64	TALYS-6a	0	20
Zn-65(n,n'th)Co-59	TALYS-6a	0 [8]	12	Zn-67(n,2np)Cu-65	TALYS-6a	0	30
Zn-65(n,n'ta)Co-58g	TALYS-6a	0	19	Zn-67(n,3np)Cu-64	TALYS-6a	0	20
Zn-65(n,n'ta)Co-58m	TALYS-6a	0	19	Zn-67(n,n'2p)Ni-65	TALYS-6a	0 [8]	27
Zn-65(n,2n2p)Ni-62	TALYS-6a	0 [8]	23	Zn-67(n,n'pa)Co-62g	TALYS-6a	0	26
Zn-65(n,ph)Co-62g	TALYS-6a	0	23	Zn-67(n,n'pa)Co-62m	TALYS-6a	0	27
Zn-65(n,ph)Co-62m	TALYS-6a	0	24	Zn-67(n,g)Zn-68	SIGECN-MASGAM	2 [14,13]	3260
Zn-65(n,dh)Co-61	TALYS-6a	0 [8]	18	Zn-67(n,p)Cu-67	TALYS-6	4 [9,3,3,15,15]	3301
Zn-65(n,ha)Fe-59	TALYS-6a	0 [8]	25	Zn-67(n,d)Cu-66	TALYS-6a	0 [8]	49
Zn-65(n,4n2p)Ni-60	TALYS-6a	0 [8]	10	Zn-67(n,t)Cu-65	TALYS-6a	0 [8]	45
Zn-65(n,4n2a)Fe-54	TALYS-6a	0 [8]	8	Zn-67(n,h)Ni-65	TALYS-6a	5 [8]	38
Zn-65(n,4npa)Co-57	TALYS-6a	0 [8]	9	Zn-67(n,a)Ni-64	TALYS-6a	2 [9,2,3]	3299
Zn-65(n,3p)Co-63	TALYS-6a	0 [8]	25	Zn-67(n,2a)Fe-60	TALYS-6a	0 [8]	43
Zn-65(n,n'3p)Co-62g	TALYS-6a	0	16	Zn-67(n,2p)Ni-66	TALYS-6a	0 [8]	42
Zn-65(n,n'3p)Co-62m	TALYS-6a	0	16	Zn-67(n,pa)Co-63	TALYS-6a	0 [8]	39
Zn-65(n,3n2pa)Fe-57	TALYS-6a	0 [8]	9	Zn-67(n,t2a)Mn-57	TALYS-6a	0 [8]	15
Zn-66(n,2nd)Cu-63	TALYS-6a	0 [8]	21	Zn-67(n,d2a)Mn-58g	TALYS-6a	0	15
Zn-66(n,2n)Zn-65	ADL-3	4 [13]	45	Zn-67(n,d2a)Mn-58m	TALYS-6a	0	15
Zn-66(n,3n)Zn-64	TALYS-6a	0	27	Zn-67(n,pd)Ni-65	TALYS-6a	0 [8]	29
Zn-66(n,n'a)Ni-62	TALYS-6a	0 [8]	55	Zn-67(n,pt)Ni-64	TALYS-6a	0 [8]	30
Zn-66(n,n'3a)Cr-54	TALYS-6a	0 [8]	15	Zn-67(n,da)Co-62g	TALYS-6a	0	28
Zn-66(n,2na)Ni-61	TALYS-6a	0 [8]	29	Zn-67(n,da)Co-62m	TALYS-6a	0	28
Zn-66(n,3na)Ni-60	TALYS-6a	0 [8]	21	Zn-67(n,5n)Zn-63	TALYS-6a	0	12
Zn-66(n,n'p)Cu-65	TALYS-6a	0	43	Zn-67(n,6n)Zn-62	TALYS-6a	0	8
Zn-66(n,n'2a)Fe-58	TALYS-6a	0 [8]	29	Zn-67(n,2nt)Cu-63	TALYS-6a	0 [8]	20
Zn-66(n,2n2a)Fe-57	TALYS-6a	0 [8]	18	Zn-67(n,ta)Co-61	TALYS-6a	0 [8]	28
Zn-66(n,n'd)Cu-64	TALYS-6a	0 [8]	29	Zn-67(n,4np)Cu-63	TALYS-6a	0	14
Zn-66(n,n't)Cu-63	TALYS-6a	0 [8]	27	Zn-67(n,3nd)Cu-63	TALYS-6a	0	15
Zn-66(n,n'h)Ni-63	TALYS-6a	0 [8]	26	Zn-67(n,n'da)Co-61	TALYS-6a	0 [8]	22
Zn-66(n,n'd2a)Mn-56	TALYS-6a	0 [8]	11	Zn-67(n,2npa)Co-61	TALYS-6a	0 [8]	20
Zn-66(n,n't2a)Mn-55	TALYS-6a	0 [8]	11	Zn-67(n,5np)Cu-62	TALYS-6a	0	9
Zn-66(n,4n)Zn-63	TALYS-6a	0	16	Zn-67(n,4na)Ni-60	TALYS-6a	0 [8]	15
Zn-66(n,2np)Cu-64	TALYS-6a	0	27	Zn-67(n,5na)Ni-59	TALYS-6a	0 [8]	9
Zn-66(n,3np)Cu-63	TALYS-6a	0	19	Zn-67(n,4nd)Cu-62	TALYS-6a	0	10
Zn-66(n,n'2p)Ni-64	TALYS-6a	0 [8]	29	Zn-67(n,5nd)Cu-61	TALYS-6a	0	5
Zn-66(n,n'pa)Co-61	TALYS-6a	0 [8]	27	Zn-67(n,3nt)Cu-62	TALYS-6a	0	13
Zn-66(n,g)Zn-67	SIGECN-MASGAM	4 [14,13]	8710	Zn-67(n,4nt)Cu-61	TALYS-6a	0 [8]	8
Zn-66(n,p)Cu-66	JENDL-3.2/A	6 [13,3]	44	Zn-67(n,2nh)Ni-63	TALYS-6a	0 [8]	19
Zn-66(n,d)Cu-65	TALYS-6a	0 [8]	49	Zn-67(n,3nh)Ni-62	TALYS-6a	0 [8]	14
Zn-66(n,t)Cu-64	TALYS-6a	0 [8]	39	Zn-67(n,4nh)Ni-61	TALYS-6a	0 [8]	9
Zn-66(n,h)Ni-64	TALYS-6a	0 [8]	41	Zn-67(n,3n2p)Ni-63	TALYS-6a	0 [8]	14
Zn-66(n,a)Ni-63	TALYS-5	2 [9,3,15,15]	8752	Zn-67(n,3n2a)Fe-57	TALYS-6a	0 [8]	14
Zn-66(n,2a)Fe-59	TALYS-5	5 [8]	40	Zn-67(n,3npa)Co-60g	TALYS-6a	0	13
Zn-66(n,3a)Cr-55	TALYS-6a	0 [8]	20	Zn-67(n,3npa)Co-60m	TALYS-6a	0	13
Zn-66(n,2p)Ni-65	TALYS-6a	0 [8]	38	Zn-67(n,dt)Ni-63	TALYS-6a	0 [8]	21
Zn-66(n,pa)Co-62g	TALYS-6a	0	36	Zn-67(n,n'pd)Ni-64	TALYS-6a	0 [8]	23
Zn-66(n,pa)Co-62m	TALYS-6a	0	36	Zn-67(n,n'pt)Ni-63	TALYS-6a	0 [8]	20
Zn-66(n,t2a)Mn-56	TALYS-6a	0 [8]	14	Zn-67(n,n'dt)Ni-62	TALYS-6a	0 [8]	15
Zn-66(n,d2a)Mn-57	TALYS-6a	0 [8]	15	Zn-67(n,n'ph)Co-63	TALYS-6a	0 [8]	15
Zn-66(n,pd)Ni-64	TALYS-6a	0 [8]	31	Zn-67(n,n'dh)Co-62g	TALYS-6a	0	12
Zn-66(n,pt)Ni-63	TALYS-6a	0 [8]	27	Zn-67(n,n'dh)Co-62m	TALYS-6a	0	12
Zn-66(n,da)Co-61	TALYS-6a	0 [8]	29	Zn-67(n,n'th)Co-61	TALYS-6a	0 [8]	11
Zn-66(n,5n)Zn-62	TALYS-6a	0	11	Zn-67(n,n'ta)Co-60g	TALYS-6a	0	18
Zn-66(n,2nt)Cu-62	TALYS-6a	0 [8]	16	Zn-67(n,n'ta)Co-60m	TALYS-6a	0	18
Zn-66(n,ta)Co-60g	TALYS-6a	0	26	Zn-67(n,2n2p)Ni-64	TALYS-6a	0 [8]	21
Zn-66(n,ta)Co-60m	TALYS-6a	0	26	Zn-67(n,ph)Co-64	TALYS-6a	0 [8]	20
Zn-66(n,4np)Cu-62	TALYS-6a	0	12	Zn-67(n,4n2p)Ni-62	TALYS-6a	0	11
Zn-66(n,3nd)Cu-62	TALYS-6a	0 [8]	13	Zn-67(n,4n2a)Fe-56	TALYS-6a	0 [8]	10
Zn-66(n,n'da)Co-60g	TALYS-6a	0	20	Zn-67(n,4npa)Co-59	TALYS-6a	0 [8]	10
Zn-66(n,n'da)Co-60m	TALYS-6a	0	19	Zn-67(n,n'3p)Co-64	TALYS-6a	0	14
Zn-66(n,2npa)Co-60g	TALYS-6a	0	18	Zn-68(n,2nd)Cu-65	TALYS-6a	0	22
Zn-66(n,2npa)Co-60m	TALYS-6a	0	17	Zn-68(n,2n)Zn-67	ADL-3	1 [13]	44
Zn-66(n,5np)Cu-61	TALYS-6a	0	8	Zn-68(n,3n)Zn-66	TALYS-6a	0	29
Zn-66(n,4na)Ni-59	TALYS-6a	0 [8]	13	Zn-68(n,n'a)Ni-64	TALYS-6a	0 [8]	51
Zn-66(n,5na)Ni-58	TALYS-6a	0 [8]	8	Zn-68(n,2na)Ni-63	TALYS-6a	0 [8]	30
Zn-66(n,4nd)Cu-61	TALYS-6a	0	9	Zn-68(n,3na)Ni-62	TALYS-6a	0 [8]	23
Zn-66(n,3nt)Cu-61	TALYS-6a	0	12	Zn-68(n,n'p)Cu-67	TALYS-6a	0	41
Zn-66(n,4nt)Cu-60	TALYS-6a	0	6	Zn-68(n,n'2a)Fe-60	TALYS-6a	0 [8]	26
Zn-66(n,2nh)Ni-62	TALYS-6a	0 [8]	19	Zn-68(n,2n2a)Fe-59	TALYS-6a	0 [8]	17
Zn-66(n,3nh)Ni-61	TALYS-6a	0	13	Zn-68(n,n'd)Cu-66	TALYS-6a	0	29
Zn-66(n,4nh)Ni-60	TALYS-6a	0	9	Zn-68(n,n't)Cu-65	TALYS-6a	0 [8]	28
Zn-66(n,3n2p)Ni-62	TALYS-6a	0 [8]	14	Zn-68(n,n'h)Ni-65	TALYS-6a	0 [8]	24
Zn-66(n,3n2a)Fe-56	TALYS-6a	0 [8]	13	Zn-68(n,4n)Zn-65	TALYS-6a	0	18
Zn-66(n,3npa)Co-59	TALYS-6a	0 [8]	13	Zn-68(n,2np)Cu-66	TALYS-6a	0	27

Zn-68(n,3np)Cu-65	TALYS-6a	0		20	Zn-69m(n,3npa)Co-62m	TALYS-6a	0	13
Zn-68(n,n'2p)Ni-66	TALYS-6a	0 [8]	26	Zn-69m(n,dt)Ni-65	TALYS-6a	0 [8]	20
Zn-68(n,n'pa)Co-63	TALYS-6a	0 [8]	25	Zn-69m(n,n'pd)Ni-66	TALYS-6a	0 [8]	22
Zn-68(n,g)Zn-69g	SIGECN-MASGAM	4 [14,13,4,6]	6443	Zn-69m(n,n'pt)Ni-65	TALYS-6a	0 [8]	19
Zn-68(n,g)Zn-69m	SIGECN-MASGAM	5 [14,7,13,4,6]	6443	Zn-69m(n,n'dt)Ni-64	TALYS-6a	0 [8]	15
Zn-68(n,p)Cu-68g	TALYS-6	3 [3]	65	Zn-69m(n,n'ph)Co-65	TALYS-6a	0 [8]	14
Zn-68(n,p)Cu-68m	TALYS-6	3 [3]	61	Zn-69m(n,n'dh)Co-64	TALYS-6a	0 [8]	11
Zn-68(n,d)Cu-67	TALYS-6a	0 [8]	45	Zn-69m(n,n'th)Co-63	TALYS-6a	0 [8]	11
Zn-68(n,t)Cu-66	TALYS-6a	0 [8]	39	Zn-69m(n,n'ta)Co-62g	TALYS-6a	0	17
Zn-68(n,h)Ni-66	TALYS-6a	5 [8]	36	Zn-69m(n,n'ta)Co-62m	TALYS-6a	0	18
>Zn-68(n,a)Ni-65	TALYS-5	6 [3]	100	Zn-69m(n,2n2p)Ni-66	TALYS-6a	0 [8]	20
Zn-68(n,2a)Fe-61	TALYS-6a	0	33	Zn-69m(n,4n2p)Ni-64	TALYS-6a	0	11
Zn-68(n,2p)Ni-67	TALYS-6a	0 [8]	33	Zn-69m(n,4n2a)Fe-58	TALYS-6a	0 [8]	10
Zn-68(n,pa)Co-64	TALYS-6a	0 [8]	31	Zn-69m(n,4npa)Co-61	TALYS-6a	0 [8]	10
Zn-68(n,pd)Ni-66	TALYS-6a	0 [8]	28	Zn-70(n,2nd)Cu-67	TALYS-6a	0 [8]	22
Zn-68(n,pt)Ni-65	TALYS-6a	0 [8]	25	>Zn-70(n,2n)Zn-69g	TALYS-6a	2 [3]	43
Zn-68(n,da)Co-63	TALYS-6a	0 [8]	26	>Zn-70(n,2n)Zn-69m	TALYS-6a	4 [3]	42
Zn-68(n,5n)Zn-64	TALYS-6a	0	13	Zn-70(n,3n)Zn-68	TALYS-6a	0	31
Zn-68(n,6n)Zn-63	TALYS-6a	0	7	Zn-70(n,n'a)Ni-66	ADL-3	2 [13,3]	44
Zn-68(n,2nt)Cu-64	TALYS-6a	0	18	Zn-70(n,2na)Ni-65	TALYS-6a	0 [8]	30
Zn-68(n,ta)Co-62g	TALYS-6a	0	24	Zn-70(n,3na)Ni-64	TALYS-6a	0 [8]	23
Zn-68(n,ta)Co-62m	TALYS-6a	0	24	Zn-70(n,n'p)Cu-69	TALYS-6a	0 [8]	38
Zn-68(n,4np)Cu-64	TALYS-6a	0	13	Zn-70(n,n'2a)Fe-62	TALYS-6a	0 [8]	24
Zn-68(n,3nd)Cu-64	TALYS-6a	0	14	Zn-70(n,n'2n2a)Fe-61	TALYS-6a	0 [8]	16
Zn-68(n,n'da)Co-62g	TALYS-6a	0	18	Zn-70(n,n'd)Cu-68g	TALYS-6a	0	29
Zn-68(n,n'da)Co-62m	TALYS-6a	0	18	Zn-70(n,n'd)Cu-68m	TALYS-6a	0	28
Zn-68(n,2npa)Co-62g	TALYS-6a	0	16	Zn-70(n,n't)Cu-67	TALYS-6a	0 [8]	28
Zn-68(n,2npa)Co-62m	TALYS-6a	0	16	Zn-70(n,n'h)Ni-67	TALYS-6a	0 [8]	23
Zn-68(n,5np)Cu-63	TALYS-6a	0	9	Zn-70(n,4n)Zn-67	TALYS-6a	0	20
Zn-68(n,4na)Ni-61	TALYS-6a	0 [8]	14	Zn-70(n,2np)Cu-68g	TALYS-6a	0	27
Zn-68(n,5na)Ni-60	TALYS-6a	0 [8]	10	Zn-70(n,2np)Cu-68m	TALYS-6a	0	26
Zn-68(n,4nd)Cu-63	TALYS-6a	0	10	Zn-70(n,3np)Cu-67	TALYS-6a	0	20
Zn-68(n,5nd)Cu-62	TALYS-6a	0	5	Zn-70(n,n'2p)Ni-68	TALYS-6a	0 [8]	24
Zn-68(n,3nt)Cu-63	TALYS-6a	0	13	Zn-70(n,n'pa)Co-65	TALYS-6a	0 [8]	22
Zn-68(n,4nt)Cu-62	TALYS-6a	0	8	Zn-70(n,g)Zn-71g	SIGECN-MASGAM	2 [14,13,4,6]	8755
Zn-68(n,2nh)Ni-64	TALYS-6a	0 [8]	19	Zn-70(n,g)Zn-71m	SIGECN-MASGAM	2 [14,13,4,6]	8755
Zn-68(n,3nh)Ni-63	TALYS-6a	0	13	>Zn-70(n,p)Cu-70g	ADL-3	2 [13,4,4]	45
Zn-68(n,4nh)Ni-62	TALYS-6a	0 [8]	9	>Zn-70(n,p)Cu-70m	ADL-3	2 [13,4,7,8,4]	44
Zn-68(n,3n2p)Ni-64	TALYS-6a	0	14	+Zn-70(n,p)Cu-70n	ADL-3	0 [13,4,7,8,4]	44
Zn-68(n,3n2a)Fe-58	TALYS-6a	0 [8]	13	Zn-70(n,d)Cu-69	TALYS-6a	0	43
Zn-68(n,3npa)Co-61	TALYS-6a	0 [8]	13	Zn-70(n,t)Cu-68g	TALYS-6a	0	38
Zn-68(n,dt)Ni-64	TALYS-6a	0 [8]	21	Zn-70(n,t)Cu-68m	TALYS-6a	0	37
Zn-68(n,n'pd)Ni-65	TALYS-6a	0 [8]	19	Zn-70(n,h)Ni-68	TALYS-6a	0 [8]	31
Zn-68(n,n'pt)Ni-64	TALYS-6a	0 [8]	19	Zn-70(n,a)Ni-67	ADL-3	2 [13,3]	45
Zn-68(n,n'dt)Ni-63	TALYS-6a	0 [8]	14	Zn-70(n,2a)Fe-63	TALYS-6a	0 [8,7,8]	27
Zn-68(n,n'ph)Co-64	TALYS-6a	0 [8]	13	+Zn-70(n,2p)Ni-69g	TALYS-6a	0 [4,8]	29
Zn-68(n,n'dh)Co-63	TALYS-6a	0 [8]	11	+Zn-70(n,2p)Ni-69m	TALYS-6a	0 [4,7,8,8]	28
Zn-68(n,n'ta)Co-61	TALYS-6a	0 [8]	18	Zn-70(n,pa)Co-66	TALYS-6a	0 [8]	26
Zn-68(n,2n2p)Ni-65	TALYS-6a	0 [8]	17	Zn-70(n,pd)Ni-68	TALYS-6a	0 [8]	26
Zn-68(n,4n2p)Ni-63	TALYS-6a	0 [8]	9	Zn-70(n,pt)Ni-67	TALYS-6a	0 [8]	24
Zn-68(n,4n2a)Fe-57	TALYS-6a	0 [8]	8	Zn-70(n,da)Co-65	TALYS-6a	0 [8]	24
Zn-68(n,4npa)Co-60g	TALYS-6a	0	8	Zn-70(n,5n)Zn-66	TALYS-6a	0	15
Zn-68(n,4npa)Co-60m	TALYS-6a	0	8	Zn-70(n,6n)Zn-65	TALYS-6a	0	9
Zn-68(n,n'3p)Co-65	TALYS-6a	0	13	Zn-70(n,2nt)Cu-66	TALYS-6a	0 [8]	19
Zn-69m(n,n')Zn-69g	TALYS-6a	0 [8,8,8]	97	Zn-70(n,ta)Co-64	TALYS-6a	0 [8]	22
Zn-69m(n,2nd)Cu-66	TALYS-6a	0	23	Zn-70(n,4np)Cu-66	TALYS-6a	0	14
Zn-69m(n,2n)Zn-68	TALYS-6a	0	55	Zn-70(n,3nd)Cu-66	TALYS-6a	0	15
Zn-69m(n,3n)Zn-67	TALYS-6a	0	30	Zn-70(n,n'da)Co-64	TALYS-6a	0 [8]	16
Zn-69m(n,n'a)Ni-65	TALYS-6a	0 [8]	51	Zn-70(n,2npa)Co-64	TALYS-6a	0 [8]	15
Zn-69m(n,2na)Ni-64	TALYS-6a	0 [8]	35	Zn-70(n,7n)Zn-64	TALYS-6a	0	5
Zn-69m(n,3na)Ni-63	TALYS-6a	0 [8]	23	Zn-70(n,5np)Cu-65	TALYS-6a	0	10
Zn-69m(n,n'p)Cu-68g	TALYS-6a	0	41	Zn-70(n,6np)Cu-64	TALYS-6a	0	5
Zn-69m(n,n'p)Cu-68m	TALYS-6a	0	40	Zn-70(n,4na)Ni-63	TALYS-6a	0 [8]	15
Zn-69m(n,n'2a)Fe-61	TALYS-6a	0 [8]	25	Zn-70(n,5na)Ni-62	TALYS-6a	0 [8]	11
Zn-69m(n,2n2a)Fe-60	TALYS-6a	0 [8]	20	Zn-70(n,6na)Ni-61	TALYS-6a	0 [8]	6
Zn-69m(n,n'd)Cu-67	TALYS-6a	0 [8]	32	Zn-70(n,4nd)Cu-65	TALYS-6a	0	11
Zn-69m(n,n't)Cu-66	TALYS-6a	0 [8]	29	Zn-70(n,5nd)Cu-64	TALYS-6a	0	6
Zn-69m(n,n'h)Ni-66	TALYS-6a	0 [8]	27	Zn-70(n,3nt)Cu-65	TALYS-6a	0 [8]	14
Zn-69m(n,4n)Zn-66	TALYS-6a	0	23	Zn-70(n,4nt)Cu-64	TALYS-6a	0 [8]	9
Zn-69m(n,2np)Cu-67	TALYS-6a	0	30	Zn-70(n,5nt)Cu-63	TALYS-6a	0 [8]	5
Zn-69m(n,3np)Cu-66	TALYS-6a	0	21	Zn-70(n,2nh)Ni-66	TALYS-6a	0 [8]	18
Zn-69m(n,n'2p)Ni-67	TALYS-6a	0 [8]	26	Zn-70(n,3nh)Ni-65	TALYS-6a	0	13
Zn-69m(n,n'pa)Co-64	TALYS-6a	0 [8]	24	Zn-70(n,4nh)Ni-64	TALYS-6a	0	10
>Zn-69m(n,g)Zn-70	TALYS-6a	0	100	Zn-70(n,3n2p)Ni-66	TALYS-6a	0 [8]	13
Zn-69m(n,p)Cu-69	TALYS-6a	0 [2,8]	76	Zn-70(n,3n2a)Fe-60	TALYS-6a	0 [8]	13
Zn-69m(n,d)Cu-68g	TALYS-6a	0	45	Zn-70(n,3npa)Co-63	TALYS-6a	0 [8]	12
Zn-69m(n,d)Cu-68m	TALYS-6a	0	44	Zn-70(n,dt)Ni-66	TALYS-6a	0 [8]	20
Zn-69m(n,t)Cu-67	TALYS-6a	0 [8]	45	Zn-70(n,n'pd)Ni-67	TALYS-6a	0 [8]	18
Zn-69m(n,h)Ni-67	TALYS-6a	0 [8]	35	Zn-70(n,n'pt)Ni-66	TALYS-6a	0 [8]	18
Zn-69m(n,a)Ni-66	TALYS-6a	0 [2]	100	Zn-70(n,n'dt)Ni-65	TALYS-6a	0 [8]	14
Zn-69m(n,2a)Fe-62	TALYS-6a	0 [8]	36	Zn-70(n,n'ph)Co-66	TALYS-6a	0 [8]	11
Zn-69m(n,2p)Ni-68	TALYS-6a	0 [8]	36	Zn-70(n,n'ta)Co-63	TALYS-6a	0 [8]	16
Zn-69m(n,pa)Co-65	TALYS-6a	0 [8]	33	Zn-70(n,2n2p)Ni-67	TALYS-6a	0 [8]	16
Zn-69m(n,pd)Ni-67	TALYS-6a	0 [8]	28	Zn-70(n,4n2p)Ni-65	TALYS-6a	0 [8]	9
Zn-69m(n,pt)Ni-66	TALYS-6a	0 [8]	28	Zn-70(n,4n2a)Fe-59	TALYS-6a	0 [8]	8
Zn-69m(n,da)Co-64	TALYS-6a	0 [8]	26	Zn-70(n,4npa)Co-62g	TALYS-6a	0	8
Zn-69m(n,5n)Zn-65	TALYS-6a	0	14	Zn-70(n,4npa)Co-62m	TALYS-6a	0	8
Zn-69m(n,6n)Zn-64	TALYS-6a	0	10	Zn-72(n,2nd)Cu-69	TALYS-6a	0 [8]	22
Zn-69m(n,2nt)Cu-65	TALYS-6a	0	22	Zn-72(n,2n)Zn-71g	TALYS-6a	0	43
Zn-69m(n,ta)Co-63	TALYS-6a	0 [8]	26	Zn-72(n,2n)Zn-71m	TALYS-6a	0	43
Zn-69m(n,4np)Cu-65	TALYS-6a	0	15	Zn-72(n,3n)Zn-70	TALYS-6a	0	32
Zn-69m(n,3nd)Cu-65	TALYS-6a	0	16	Zn-72(n,n'a)Ni-68	TALYS-6a	0 [8]	44
Zn-69m(n,n'da)Co-63	TALYS-6a	0 [8]	20	Zn-72(n,2na)Ni-67	TALYS-6a	0 [8]	29
Zn-69m(n,2npa)Co-63	TALYS-6a	0 [8]	18	Zn-72(n,3na)Ni-66	TALYS-6a	0 [8]	24
Zn-69m(n,5np)Cu-64	TALYS-6a	0	10	Zn-72(n,n'p)Cu-71	TALYS-6a	0 [8]	35
Zn-69m(n,6np)Cu-63	TALYS-6a	0	6	Zn-72(n,n'2a)Fe-64	TALYS-6a	0 [8,7,8]	19
Zn-69m(n,4na)Ni-62	TALYS-6a	0 [8]	16	Zn-72(n,2n2a)Fe-63	TALYS-6a	0 [8,7,8]	14
Zn-69m(n,5na)Ni-61	TALYS-6a	0 [8]	11	>Zn-72(n,n'd)Cu-70g	TALYS-6a	0 [4]	27
Zn-69m(n,6na)Ni-60	TALYS-6a	0 [8]	7	>Zn-72(n,n'd)Cu-70m	TALYS-6a	0 [4,7,8]	27
Zn-69m(n,4nd)Cu-64	TALYS-6a	0	11	+Zn-72(n,n'd)Cu-70n	TALYS-6a	0 [4,7,8]	26
Zn-69m(n,5nd)Cu-63	TALYS-6a	0	7	Zn-72(n,n't)Cu-69	TALYS-6a	0 [8]	28
Zn-69m(n,3nt)Cu-64	TALYS-6a	0	14	>Zn-72(n,n'h)Ni-69g	TALYS-6a	0 [4,8]	21
Zn-69m(n,4nt)Cu-63	TALYS-6a	0	10	+Zn-72(n,n'h)Ni-69m	TALYS-6a	0 [4,7,8,8]	20
Zn-69m(n,2nh)Ni-65	TALYS-6a	0 [8]	18	Zn-72(n,4n)Zn-69g	TALYS-6a	0	22
Zn-69m(n,3nh)Ni-64	TALYS-6a	0 [8]	14	Zn-72(n,4n)Zn-69m	TALYS-6a	0	22
Zn-69m(n,4nh)Ni-63	TALYS-6a	0	10	Zn-72(n,2np)Cu-70g	TALYS-6a	0 [4]	26
Zn-69m(n,3n2p)Ni-65	TALYS-6a	0	14	Zn-72(n,2np)Cu-70m	TALYS-6a	0 [4,7,8]	25
Zn-69m(n,3n2a)Fe-59	TALYS-6a	0 [8]	13	+Zn-72(n,2np)Cu-70n	TALYS-6a	0 [4,7,8]	24
Zn-69m(n,3npa)Co-62g	TALYS-6a	0	13	Zn-72(n,3np)Cu-69	TALYS-6a	0	20

Reaction	Library	Flag	Ref	Value
Zn-72(n,n'2p)Ni-70	TALYS-6a	0 [8]		21
Zn-72(n,n'pa)Co-67	TALYS-6a	0 [8]		19
>Zn-72(n,g)Zn-73g	TALYS-6a	0 [4,6]		100
>Zn-72(n,g)Zn-73m	TALYS-6a	0 [4,6]		100
+Zn-72(n,g)Zn-73n	TALYS-6a	0 [4,6]		100
Zn-72(n,p)Cu-72	TALYS-6a	0 [2,8,7,8]		47
Zn-72(n,d)Cu-71	TALYS-6a	0 [8]		39
>Zn-72(n,t)Cu-70g	TALYS-6a	0 [4]		36
>Zn-72(n,t)Cu-70m	TALYS-6a	0 [4,7,8]		35
+Zn-72(n,t)Cu-70n	TALYS-6a	0 [4,7,8]		35
Zn-72(n,h)Ni-70	TALYS-6a	0 [8]		29
+Zn-72(n,a)Ni-69g	TALYS-6a	0 [4,8]		67
+Zn-72(n,a)Ni-69m	TALYS-6a	0 [4,7,8,8]		66
Zn-72(n,2p)Ni-71	TALYS-6a	0 [8]		25
Zn-72(n,pd)Ni-70	TALYS-6a	0 [8]		23
+Zn-72(n,pt)Ni-69g	TALYS-6a	0 [4,8]		22
+Zn-72(n,pt)Ni-69m	TALYS-6a	0 [4,7,8,8]		21
Zn-72(n,da)Co-67	TALYS-6a	0 [8]		19
Zn-72(n,5n)Zn-68	TALYS-6a	0		16
Zn-72(n,6n)Zn-67	TALYS-6a	0		11
Zn-72(n,2nt)Cu-68g	TALYS-6a	0		20
Zn-72(n,2nt)Cu-68m	TALYS-6a	0		19
Zn-72(n,4np)Cu-68g	TALYS-6a	0		14
Zn-72(n,4np)Cu-68m	TALYS-6a	0		14
Zn-72(n,3nd)Cu-68g	TALYS-6a	0		15
Zn-72(n,3nd)Cu-68m	TALYS-6a	0		15
Zn-72(n,n'da)Co-66	TALYS-6a	0 [8]		15
Zn-72(n,2npa)Co-66	TALYS-6a	0 [8]		14
Zn-72(n,7n)Zn-66	TALYS-6a	0		7
Zn-72(n,5np)Cu-67	TALYS-6a	0		11
Zn-72(n,6np)Cu-66	TALYS-6a	0		6
Zn-72(n,4na)Ni-65	TALYS-6a	0 [8]		15
Zn-72(n,5na)Ni-64	TALYS-6a	0 [8]		12
Zn-72(n,6na)Ni-63	TALYS-6a	0 [8]		7
Zn-72(n,4nd)Cu-67	TALYS-6a	0		12
Zn-72(n,5nd)Cu-66	TALYS-6a	0 [8]		7
Zn-72(n,3nt)Cu-67	TALYS-6a	0		15
Zn-72(n,4nt)Cu-66	TALYS-6a	0 [8]		10
Zn-72(n,5nt)Cu-65	TALYS-6a	0		7
Zn-72(n,2nh)Ni-68	TALYS-6a	0 [8]		17
Zn-72(n,3nh)Ni-67	TALYS-6a	0 [8]		13
Zn-72(n,4nh)Ni-66	TALYS-6a	0 [8]		10
Zn-72(n,3n2p)Ni-68	TALYS-6a	0 [8]		13
Zn-72(n,3n2a)Fe-62	TALYS-6a	0 [8]		12
Zn-72(n,3npa)Co-65	TALYS-6a	0 [8]		12
+Zn-72(n,n'pd)Ni-69g	TALYS-6a	0 [4,8]		16
+Zn-72(n,n'pd)Ni-69m	TALYS-6a	0 [4,7,8,8]		15
Zn-72(n,n'pt)Ni-68	TALYS-6a	0 [8]		17
Zn-72(n,n'dt)Ni-67	TALYS-6a	0 [8]		14
Zn-72(n,n'ta)Co-65	TALYS-6a	0 [8]		16
+Zn-72(n,2n2p)Ni-69g	TALYS-6a	0 [4,8]		15
+Zn-72(n,2n2p)Ni-69m	TALYS-6a	0 [4,7,8,8]		14
Zn-72(n,4n2p)Ni-67	TALYS-6a	0 [8]		9
Zn-72(n,4n2a)Fe-61	TALYS-6a	0 [8]		8
Zn-72(n,4npa)Co-64	TALYS-6a	0 [8]		8
Ga-66(n,2nd)Zn-63	TALYS-6a	0		23
Ga-66(n,2n)Ga-65	TALYS-6a	0		43
Ga-66(n,3n)Ga-64	TALYS-6a	0		25
Ga-66(n,n'a)Cu-62	TALYS-6a	0 [8]		60
Ga-66(n,n'3a)Mn-54	TALYS-6a	0 [8]		18
Ga-66(n,2na)Cu-61	TALYS-6a	0 [8]		33
Ga-66(n,3na)Cu-60	TALYS-6a	0 [8]		20
Ga-66(n,n'p)Zn-65	TALYS-6a	0 [8]		58
Ga-66(n,n'2a)Co-58g	TALYS-6a	0		32
Ga-66(n,n'2a)Co-58m	TALYS-6a	0		32
Ga-66(n,2n2a)Co-57	TALYS-6a	0 [8]		23
Ga-66(n,n'd)Zn-64	TALYS-6a	0 [8]		38
Ga-66(n,n't)Zn-63	TALYS-6a	0 [8]		29
Ga-66(n,n'h)Cu-63	TALYS-6a	0 [8]		31
Ga-66(n,n'd2a)Fe-56	TALYS-6a	0 [8]		16
Ga-66(n,n't2a)Fe-55	TALYS-6a	0 [8]		13
Ga-66(n,4n)Ga-63	TALYS-6a	0		16
Ga-66(n,2np)Zn-64	TALYS-6a	0		35
Ga-66(n,3np)Zn-63	TALYS-6a	0		21
Ga-66(n,n'2p)Cu-64	TALYS-6a	0 [8]		33
Ga-66(n,n'pa)Ni-61	TALYS-6a	0 [8]		37
Ga-66(n,g)Ga-67	TALYS-6a	0 [14]		100
Ga-66(n,p)Zn-66	TALYS-6a	0 [2]		100
Ga-66(n,d)Zn-65	TALYS-6a	0 [8]		69
Ga-66(n,t)Zn-64	TALYS-6a	0 [8]		59
Ga-66(n,h)Cu-64	TALYS-6a	0 [8]		51
Ga-66(n,a)Cu-63	TALYS-6a	0 [2]		100
Ga-66(n,2a)Co-59	TALYS-6a	0		100
Ga-66(n,3a)Mn-55	TALYS-6a	0 [8]		29
Ga-66(n,2p)Cu-65	TALYS-6a	0 [8]		65
Ga-66(n,pa)Ni-62	TALYS-6a	0		100
Ga-66(n,t2a)Fe-56	TALYS-6a	0 [8]		22
Ga-66(n,d2a)Fe-57	TALYS-6a	0 [8]		23
Ga-66(n,pd)Cu-64	TALYS-6a	0 [8]		37
Ga-66(n,pt)Cu-63	TALYS-6a	0 [8]		33
Ga-66(n,da)Ni-61	TALYS-6a	0 [8]		40
Ga-66(n,2nt)Zn-62	TALYS-6a	0 [8]		20
Ga-66(n,ta)Ni-60	TALYS-6a	0 [8]		37
Ga-66(n,4np)Zn-62	TALYS-6a	0		14
Ga-66(n,3nd)Zn-62	TALYS-6a	0		15
Ga-66(n,n'da)Ni-60	TALYS-6a	0 [8]		28
Ga-66(n,2npa)Ni-60	TALYS-6a	0 [8]		26
Ga-66(n,5np)Zn-61	TALYS-6a	0		8
Ga-66(n,4na)Cu-59	TALYS-6a	0 [8]		13
Ga-66(n,4nd)Zn-61	TALYS-6a	0		8
Ga-66(n,3nt)Zn-61	TALYS-6a	0		11
Ga-66(n,2nh)Cu-62	TALYS-6a	0 [8]		20
Ga-66(n,3nh)Cu-61	TALYS-6a	0 [8]		14
Ga-66(n,4nh)Cu-60	TALYS-6a	0 [8]		8
Ga-66(n,3n2p)Cu-62	TALYS-6a	0		15
Ga-66(n,3n2a)Co-56	TALYS-6a	0 [8]		14
Ga-66(n,3npa)Ni-59	TALYS-6a	0 [8]		15
Ga-66(n,dt)Cu-62	TALYS-6a	0 [8]		22
Ga-66(n,n'pd)Cu-63	TALYS-6a	0 [8]		26
Ga-66(n,n'pt)Cu-62	TALYS-6a	0 [8]		21
Ga-66(n,n'dt)Cu-61	TALYS-6a	0 [8]		15
Ga-66(n,ph)Ni-62	TALYS-6a	0 [8]		24
Ga-66(n,n'dh)Ni-61	TALYS-6a	0 [8]		15
Ga-66(n,n'th)Ni-60	TALYS-6a	0 [8]		14
Ga-66(n,n'ta)Ni-59	TALYS-6a	0 [8]		22
Ga-66(n,2n2p)Cu-63	TALYS-6a	0 [8]		24
Ga-66(n,ph)Ni-63	TALYS-6a	0 [8]		30
Ga-66(n,dh)Ni-62	TALYS-6a	0 [8]		25
Ga-66(n,ha)Co-60g	TALYS-6a	0		29
Ga-66(n,ha)Co-60m	TALYS-6a	0		29
Ga-66(n,4n2p)Cu-61	TALYS-6a	0 [8]		10
Ga-66(n,4npa)Ni-58	TALYS-6a	0 [8]		11
Ga-66(n,3p)Ni-64	TALYS-6a	0 [8]		35
Ga-66(n,n'3p)Ni-63	TALYS-6a	0 [8]		23
Ga-66(n,3n2pa)Co-58g	TALYS-6a	0		10
Ga-66(n,3n2pa)Co-58m	TALYS-6a	0		10
Ga-67(n,2nd)Zn-64	TALYS-6a	0		24
Ga-67(n,2n)Ga-66	TALYS-6a	0		39
Ga-67(n,3n)Ga-65	TALYS-6a	0		26
Ga-67(n,n'a)Cu-63	TALYS-6a	0 [8]		58
Ga-67(n,n'3a)Mn-55	TALYS-6a	0 [8]		17
Ga-67(n,2na)Cu-62	TALYS-6a	0 [8]		30
Ga-67(n,3na)Cu-61	TALYS-6a	0 [8]		21
Ga-67(n,n'p)Zn-66	TALYS-6a	0 [8]		57
Ga-67(n,n'2a)Co-59	TALYS-6a	0 [8]		31
Ga-67(n,2n2a)Co-58g	TALYS-6a	0		20
Ga-67(n,2n2a)Co-58m	TALYS-6a	0		20
Ga-67(n,n'd)Zn-65	TALYS-6a	0 [8]		32
Ga-67(n,n't)Zn-64	TALYS-6a	0		30
Ga-67(n,n'h)Cu-64	TALYS-6a	0 [8]		28
Ga-67(n,n'd2a)Fe-57	TALYS-6a	0 [8]		14
Ga-67(n,n't2a)Fe-56	TALYS-6a	0 [8]		13
Ga-67(n,4n)Ga-64	TALYS-6a	0		15
Ga-67(n,2np)Zn-65	TALYS-6a	0		30
Ga-67(n,3np)Zn-64	TALYS-6a	0		22
Ga-67(n,n'2p)Cu-65	TALYS-6a	0 [8]		31
Ga-67(n,n'pa)Ni-62	TALYS-6a	0 [8]		35
Ga-67(n,g)Ga-68	MASGAM	0 [14,13]		83
Ga-67(n,p)Zn-67	TALYS-6a	0 [2]		100
Ga-67(n,d)Zn-66	TALYS-6a	0 [8]		68
Ga-67(n,t)Zn-65	TALYS-6a	0 [8]		44
Ga-67(n,h)Cu-65	TALYS-6a	0 [8]		45
Ga-67(n,a)Cu-64	TALYS-6a	0 [2]		100
Ga-67(n,2a)Co-60g	TALYS-6a	0		49
Ga-67(n,2a)Co-60m	TALYS-6a	0		47
Ga-67(n,3a)Mn-56	TALYS-6a	0 [8]		24
Ga-67(n,2p)Cu-66	TALYS-6a	0 [8]		44
Ga-67(n,pa)Ni-63	TALYS-6a	0 [8]		56
Ga-67(n,t2a)Fe-57	TALYS-6a	0 [8]		18
Ga-67(n,d2a)Fe-58	TALYS-6a	0 [8]		22
Ga-67(n,pd)Cu-65	TALYS-6a	0 [8]		34
Ga-67(n,pt)Cu-64	TALYS-6a	0 [8]		29
Ga-67(n,da)Ni-62	TALYS-6a	0 [8]		39
Ga-67(n,5n)Ga-63	TALYS-6a	0		10
Ga-67(n,2nt)Zn-63	TALYS-6a	0		18
Ga-67(n,ta)Ni-61	TALYS-6a	0 [8]		30
Ga-67(n,4np)Zn-63	TALYS-6a	0		13
Ga-67(n,3nd)Zn-63	TALYS-6a	0		14
Ga-67(n,n'da)Ni-61	TALYS-6a	0 [8]		24
Ga-67(n,2npa)Ni-61	TALYS-6a	0 [8]		22
Ga-67(n,5np)Zn-62	TALYS-6a	0		9
Ga-67(n,4na)Cu-60	TALYS-6a	0 [8]		12
Ga-67(n,4nd)Zn-62	TALYS-6a	0 [8]		9
Ga-67(n,3nt)Zn-62	TALYS-6a	0 [8]		12
Ga-67(n,2nh)Cu-63	TALYS-6a	0 [8]		20
Ga-67(n,3nh)Cu-62	TALYS-6a	0 [8]		13
Ga-67(n,4nh)Cu-61	TALYS-6a	0 [8]		8
Ga-67(n,3n2p)Cu-63	TALYS-6a	0		15
Ga-67(n,3n2a)Co-57	TALYS-6a	0 [8]		14
Ga-67(n,3npa)Ni-60	TALYS-6a	0 [8]		15
Ga-67(n,dt)Cu-63	TALYS-6a	0 [8]		22
Ga-67(n,n'pd)Cu-64	TALYS-6a	0 [8]		23
Ga-67(n,n'pt)Cu-63	TALYS-6a	0 [8]		21
Ga-67(n,n'dt)Cu-62	TALYS-6a	0 [8]		14
Ga-67(n,n'ph)Ni-63	TALYS-6a	0 [8]		19
Ga-67(n,n'dh)Ni-62	TALYS-6a	0 [8]		15
Ga-67(n,n'th)Ni-61	TALYS-6a	0 [8]		12
Ga-67(n,n'ta)Ni-60	TALYS-6a	0 [8]		22
Ga-67(n,2n2p)Cu-64	TALYS-6a	0 [8]		21
Ga-67(n,ph)Ni-64	TALYS-6a	0 [8]		29
Ga-67(n,dh)Ni-63	TALYS-6a	0 [8]		20
Ga-67(n,ha)Co-61	TALYS-6a	0 [8]		27
Ga-67(n,4n2p)Cu-62	TALYS-6a	0 [8]		9
Ga-67(n,4npa)Ni-59	TALYS-6a	0 [8]		9
Ga-67(n,3p)Ni-65	TALYS-6a	0 [8]		27
Ga-67(n,n'3p)Ni-64	TALYS-6a	0 [8]		21
Ga-67(n,3n2pa)Co-59	TALYS-6a	0 [8]		9
Ga-69(n,2nd)Zn-66	TALYS-6a	0 [8]		24
Ga-69(n,2n)Ga-68	ADL-3	6 [13]		44
Ga-69(n,3n)Ga-67	TALYS-6a	0		28
Ga-69(n,n'a)Cu-65	TALYS-6a	0 [8]		54
Ga-69(n,n'3a)Mn-57	TALYS-6a	0 [8]		15
Ga-69(n,2na)Cu-64	TALYS-6a	0 [8]		30
Ga-69(n,3na)Cu-63	TALYS-6a	0 [8]		22
Ga-69(n,n'p)Zn-68	TALYS-6a	0 [8]		50
Ga-69(n,n'2a)Co-61	TALYS-6a	0 [8]		29
Ga-69(n,2n2a)Co-60g	TALYS-6a	0		19
Ga-69(n,2n2a)Co-60m	TALYS-6a	0		19
Ga-69(n,n'd)Zn-67	TALYS-6a	0 [8]		31
Ga-69(n,n't)Zn-66	TALYS-6a	0 [8]		30
Ga-69(n,n'h)Cu-66	TALYS-6a	0 [8]		26
Ga-69(n,n'd2a)Fe-59	TALYS-6a	0 [8]		12
Ga-69(n,n't2a)Fe-58	TALYS-6a	0 [8]		13
Ga-69(n,4n)Ga-66	TALYS-6a	0		16
Ga-69(n,2np)Zn-67	TALYS-6a	0		29
Ga-69(n,3np)Zn-66	TALYS-6a	0		22
Ga-69(n,n'2p)Cu-67	TALYS-6a	0 [8]		28
Ga-69(n,n'pa)Ni-64	TALYS-6a	0 [8]		31

Reaction	Library		Value
Ga-69(n,g)Ga-70	SIGECN-MASGAM	4 [14,13]	2300
Ga-69(n,p)Zn-69g	ADL-3	2 [12,3]	45
>Ga-69(n,p)Zn-69m	ADL-3	2 [3,12,3]	45
Ga-69(n,d)Zn-68	TALYS-6a	0 [8]	61
Ga-69(n,t)Zn-67	TALYS-5	5 [8]	43
Ga-69(n,h)Cu-67	TALYS-6a	0 [8]	40
Ga-69(n,a)Cu-66	TALYS-5	4 [9,3,4]	2336
Ga-69(n,2a)Co-62g	TALYS-6a	0	40
Ga-69(n,2a)Co-62m	TALYS-6a	0	40
Ga-69(n,2p)Cu-68g	TALYS-6a	0	38
Ga-69(n,2p)Cu-68m	TALYS-6a	0	36
Ga-69(n,pa)Ni-65	TALYS-6a	0 [8]	43
Ga-69(n,t2a)Fe-59	TALYS-6a	0 [8]	16
Ga-69(n,d2a)Fe-60	TALYS-6a	0 [8]	18
Ga-69(n,pd)Cu-67	TALYS-6a	0 [8]	30
Ga-69(n,pt)Cu-66	TALYS-6a	0 [8]	27
Ga-69(n,da)Ni-64	TALYS-6a	0 [8]	34
Ga-69(n,5n)Ga-65	TALYS-6a	0	12
Ga-69(n,6n)Ga-64	TALYS-6a	0	6
Ga-69(n,2nt)Zn-65	TALYS-6a	0 [8]	19
Ga-69(n,ta)Ni-63	TALYS-6a	0 [8]	29
Ga-69(n,4np)Zn-65	TALYS-6a	0	14
Ga-69(n,3nd)Zn-65	TALYS-6a	0	15
Ga-69(n,n'da)Ni-63	TALYS-6a	0 [8]	23
Ga-69(n,2npa)Ni-63	TALYS-6a	0 [8]	21
Ga-69(n,5np)Zn-64	TALYS-6a	0	10
Ga-69(n,4na)Cu-62	TALYS-6a	0 [8]	14
Ga-69(n,5na)Cu-61	TALYS-6a	0 [8]	9
Ga-69(n,4nd)Zn-64	TALYS-6a	0	11
Ga-69(n,3nt)Zn-64	TALYS-6a	0	14
Ga-69(n,4nt)Zn-63	TALYS-6a	0	8
Ga-69(n,2nh)Cu-65	TALYS-6a	0 [8]	19
Ga-69(n,3nh)Cu-64	TALYS-6a	0 [8]	13
Ga-69(n,4nh)Cu-63	TALYS-6a	0 [8]	9
Ga-69(n,3n2p)Cu-65	TALYS-6a	0 [8]	14
Ga-69(n,3n2a)Co-59	TALYS-6a	0 [8]	14
Ga-69(n,3npa)Ni-62	TALYS-6a	0 [8]	15
Ga-69(n,dt)Cu-65	TALYS-6a	0 [8]	21
Ga-69(n,n'pd)Cu-66	TALYS-6a	0 [8]	21
Ga-69(n,n'pt)Cu-65	TALYS-6a	0 [8]	20
Ga-69(n,n'dt)Cu-64	TALYS-6a	0 [8]	14
Ga-69(n,n'ph)Ni-65	TALYS-6a	0 [8]	16
Ga-69(n,n'dh)Ni-64	TALYS-6a	0 [8]	14
Ga-69(n,n'th)Ni-63	TALYS-6a	0 [8]	12
Ga-69(n,n'ta)Ni-62	TALYS-6a	0 [8]	22
Ga-69(n,2n2p)Cu-66	TALYS-6a	0 [8]	19
Ga-69(n,ph)Ni-66	TALYS-6a	0 [8]	25
Ga-69(n,ha)Co-63	TALYS-6a	0 [8]	22
Ga-69(n,4n2p)Cu-64	TALYS-6a	0 [8]	9
Ga-69(n,4n2a)Co-58g	TALYS-6a	0	8
Ga-69(n,4n2a)Co-58m	TALYS-6a	0	8
Ga-69(n,4npa)Ni-61	TALYS-6a	0 [8]	10
Ga-69(n,3p)Ni-67	TALYS-6a	0 [8]	23
Ga-69(n,n'3p)Ni-66	TALYS-6a	0 [8]	17
Ga-69(n,3n2pa)Co-61	TALYS-6a	0 [8]	8
Ga-71(n,2nd)Zn-68	TALYS-6a	0 [8]	24
Ga-71(n,2n)Ga-70	ADL-3	6 [13]	45
Ga-71(n,3n)Ga-69	TALYS-6a	0	29
Ga-71(n,n'a)Cu-67	TALYS-6	4 [8]	50
Ga-71(n,2na)Cu-66	TALYS-6a	0 [8]	30
Ga-71(n,3na)Cu-65	TALYS-6a	0 [8]	23
Ga-71(n,n'p)Zn-70	TALYS-6a	0 [8]	45
Ga-71(n,n'2a)Co-63	TALYS-6a	0 [8]	26
Ga-71(n,2n2a)Co-62g	TALYS-6a	0	17
Ga-71(n,2n2a)Co-62m	TALYS-6a	0	17
Ga-71(n,n'd)Zn-69g	TALYS-6a	0	31
Ga-71(n,n'd)Zn-69m	TALYS-6a	0	30
Ga-71(n,n't)Zn-68	TALYS-6a	0 [8]	30
Ga-71(n,n'h)Cu-68g	TALYS-6a	0	25
Ga-71(n,n'h)Cu-68m	TALYS-6a	0	24
Ga-71(n,4n)Ga-68	TALYS-6a	0	19
Ga-71(n,2np)Zn-69g	TALYS-6a	0	29
Ga-71(n,2np)Zn-69m	TALYS-6a	0	29
Ga-71(n,3np)Zn-68	TALYS-6a	0 [8]	22
Ga-71(n,n'2p)Cu-69	TALYS-6a	0 [8]	26
Ga-71(n,n'pa)Ni-66	TALYS-6a	0 [8]	29
+Ga-71(n,g)Ga-72g	SIGECN-MASGAM	4 [14,13,4,6]	2086
+Ga-71(n,g)Ga-72m	SIGECN-MASGAM	0 [14,13,4,6]	2086
>Ga-71(n,p)Zn-71g	TALYS-6a	2 [3]	73
>Ga-71(n,p)Zn-71m	TALYS-6a	2 [3]	73
Ga-71(n,d)Zn-70	TALYS-6a	0 [8]	54
Ga-71(n,t)Zn-69g	TALYS-6a	0	43
Ga-71(n,t)Zn-69m	TALYS-6a	0	42
Ga-71(n,h)Cu-69	TALYS-6a	2 [8]	35
Ga-71(n,a)Cu-68g	TALYS-5a	2	100
Ga-71(n,a)Cu-68m	TALYS-5a	4 [3]	100
Ga-71(n,2a)Co-64	TALYS-6a	0 [8]	33
>Ga-71(n,2p)Cu-70g	TALYS-6a	0 [4]	31
>Ga-71(n,2p)Cu-70m	TALYS-6a	0 [4,7,8]	31
+Ga-71(n,2p)Cu-70n	TALYS-6a	0 [4,7,8]	30
Ga-71(n,pa)Ni-67	TALYS-6a	0 [8]	38
Ga-71(n,pd)Cu-69	TALYS-6a	0 [8]	27
Ga-71(n,pt)Cu-68g	TALYS-6a	0	25
Ga-71(n,pt)Cu-68m	TALYS-6a	0	25
Ga-71(n,da)Ni-66	TALYS-6a	0 [8]	31
Ga-71(n,5n)Ga-67	TALYS-6a	0	13
Ga-71(n,6n)Ga-66	TALYS-6a	0	8
Ga-71(n,2nt)Zn-67	TALYS-6a	0 [8]	20
Ga-71(n,ta)Ni-65	TALYS-6a	0 [8]	28
Ga-71(n,4np)Zn-67	TALYS-6a	0	14
Ga-71(n,3nd)Zn-67	TALYS-6a	0 [8]	15
Ga-71(n,n'da)Ni-65	TALYS-6a	0 [8]	22
Ga-71(n,2npa)Ni-65	TALYS-6a	0 [8]	20
Ga-71(n,5np)Zn-66	TALYS-6a	0	11
Ga-71(n,6np)Zn-65	TALYS-6a	0	5
Ga-71(n,4na)Cu-64	TALYS-6a	0 [8]	14
Ga-71(n,5na)Cu-63	TALYS-6a	0 [8]	10
Ga-71(n,4nd)Zn-66	TALYS-6a	0	12
Ga-71(n,5nd)Zn-65	TALYS-6a	0	6
Ga-71(n,3nt)Zn-66	TALYS-6a	0	15
Ga-71(n,4nt)Zn-65	TALYS-6a	0	9
Ga-71(n,5nt)Zn-64	TALYS-6a	0	5
Ga-71(n,2nh)Cu-67	TALYS-6a	0 [8]	18
Ga-71(n,3nh)Cu-66	TALYS-6a	0 [8]	13
Ga-71(n,4nh)Cu-65	TALYS-6a	0 [8]	9
Ga-71(n,3n2p)Cu-67	TALYS-6a	0	14
Ga-71(n,3n2a)Co-61	TALYS-6a	0 [8]	14
Ga-71(n,3npa)Ni-64	TALYS-6a	0 [8]	15
Ga-71(n,dt)Cu-67	TALYS-6a	0 [8]	20
Ga-71(n,n'pd)Cu-68g	TALYS-6a	0	19
Ga-71(n,n'pd)Cu-68m	TALYS-6a	0	18
Ga-71(n,n'pt)Cu-67	TALYS-6a	0 [8]	19
Ga-71(n,n'dt)Cu-66	TALYS-6a	0 [8]	14
Ga-71(n,n'ph)Ni-67	TALYS-6a	0 [8]	15
Ga-71(n,n'dh)Ni-66	TALYS-6a	0 [8]	13
Ga-71(n,n'th)Ni-65	TALYS-6a	0 [8]	11
Ga-71(n,n'ta)Ni-64	TALYS-6a	0 [8]	21
Ga-71(n,2n2p)Cu-68g	TALYS-6a	0	17
Ga-71(n,2n2p)Cu-68m	TALYS-6a	0	17
Ga-71(n,4n2p)Cu-66	TALYS-6a	0 [8]	9
Ga-71(n,4n2a)Co-60g	TALYS-6a	0	9
Ga-71(n,4n2a)Co-60m	TALYS-6a	0	9
Ga-71(n,4npa)Ni-63	TALYS-6a	0 [8]	10
Ga-71(n,n'3p)Ni-68	TALYS-6a	0 [8]	15
Ga-72(n,2nd)Zn-69g	TALYS-6a	0	24
Ga-72(n,2nd)Zn-69m	TALYS-6a	0	24
Ga-72(n,2n)Ga-71	TALYS-6a	0	52
Ga-72(n,3n)Ga-70	TALYS-6a	0	30
Ga-72(n,n'a)Cu-68g	TALYS-6a	0	49
Ga-72(n,n'a)Cu-68m	TALYS-6a	0	46
Ga-72(n,2na)Cu-67	TALYS-6a	0 [8]	34
Ga-72(n,3na)Cu-66	TALYS-6a	0 [8]	23
Ga-72(n,n'p)Zn-71g	TALYS-6a	0	44
Ga-72(n,n'p)Zn-71m	TALYS-6a	0	43
Ga-72(n,n'2a)Co-64	TALYS-6a	0 [8]	25
Ga-72(n,2n2a)Co-63	TALYS-6a	0 [8]	19
Ga-72(n,n'd)Zn-70	TALYS-6a	0 [8]	36
Ga-72(n,n't)Zn-69g	TALYS-6a	0	30
Ga-72(n,n't)Zn-69m	TALYS-6a	0	30
Ga-72(n,n'h)Cu-69	TALYS-6a	0 [8]	26
Ga-72(n,4n)Ga-69	TALYS-6a	0	23
Ga-72(n,2np)Zn-70	TALYS-6a	0	32
Ga-72(n,3np)Zn-69g	TALYS-6a	0	23
Ga-72(n,3np)Zn-69m	TALYS-6a	0	22
Ga-72(n,n'2p)Cu-70g	TALYS-6a	0 [4]	24
Ga-72(n,n'2p)Cu-70m	TALYS-6a	0 [4,7,8]	24
+Ga-72(n,n'2p)Cu-70n	TALYS-6a	0 [4,7,8]	23
Ga-72(n,n'pa)Ni-67	TALYS-6a	0 [8]	28
Ga-72(n,g)Ga-73	MASGAM	0 [14,13]	83
Ga-72(n,p)Zn-72	TALYS-6a	0 [2]	100
Ga-72(n,d)Zn-71g	TALYS-6a	0	51
Ga-72(n,d)Zn-71m	TALYS-6a	0	50
Ga-72(n,t)Zn-70	TALYS-6a	0 [8]	52
>Ga-72(n,h)Cu-70g	TALYS-6a	0 [4]	32
>Ga-72(n,h)Cu-70m	TALYS-6a	0 [4,7,8]	32
+Ga-72(n,h)Cu-70n	TALYS-6a	0 [4,7,8]	31
Ga-72(n,a)Cu-69	TALYS-6a	0 [2]	100
Ga-72(n,2a)Co-65	TALYS-6a	0 [8]	35
Ga-72(n,2p)Cu-71	TALYS-6a	0 [8]	31
Ga-72(n,pa)Ni-68	TALYS-6a	0 [8]	40
>Ga-72(n,pd)Cu-70g	TALYS-6a	0 [4]	26
>Ga-72(n,pd)Cu-70m	TALYS-6a	0 [4,7,8]	26
+Ga-72(n,pd)Cu-70n	TALYS-6a	0 [4,7,8]	25
Ga-72(n,pt)Cu-69	TALYS-6a	0	27
Ga-72(n,da)Ni-67	TALYS-6a	0 [8]	29
Ga-72(n,5n)Ga-68	TALYS-6a	0	14
Ga-72(n,6n)Ga-67	TALYS-6a	0	10
Ga-72(n,2nt)Zn-68	TALYS-6a	0 [8]	24
Ga-72(n,ta)Ni-66	TALYS-6a	0 [8]	30
Ga-72(n,4np)Zn-68	TALYS-6a	0	16
Ga-72(n,3nd)Zn-68	TALYS-6a	0	18
Ga-72(n,n'da)Ni-66	TALYS-6a	0 [8]	24
Ga-72(n,2npa)Ni-66	TALYS-6a	0 [8]	22
Ga-72(n,7n)Ga-66	TALYS-6a	0	4
Ga-72(n,5np)Zn-67	TALYS-6a	0	11
Ga-72(n,6np)Zn-66	TALYS-6a	0	8
Ga-72(n,4na)Cu-65	TALYS-6a	0 [8]	16
Ga-72(n,5na)Cu-64	TALYS-6a	0 [8]	11
Ga-72(n,6na)Cu-63	TALYS-6a	0 [8]	7
Ga-72(n,4nd)Zn-67	TALYS-6a	0	12
Ga-72(n,5nd)Zn-66	TALYS-6a	0 [8]	8
Ga-72(n,3nt)Zn-67	TALYS-6a	0	15
Ga-72(n,4nt)Zn-66	TALYS-6a	0 [8]	11
Ga-72(n,5nt)Zn-65	TALYS-6a	0	6
Ga-72(n,2nh)Cu-68g	TALYS-6a	0	18
Ga-72(n,2nh)Cu-68m	TALYS-6a	0	17
Ga-72(n,3nh)Cu-67	TALYS-6a	0 [8]	14
Ga-72(n,4nh)Cu-66	TALYS-6a	0	10
Ga-72(n,3n2p)Cu-68g	TALYS-6a	0	14
Ga-72(n,3n2p)Cu-68m	TALYS-6a	0	13
Ga-72(n,3n2a)Co-62g	TALYS-6a	0	13
Ga-72(n,3n2a)Co-62m	TALYS-6a	0	13
Ga-72(n,3npa)Ni-65	TALYS-6a	0 [8]	15
Ga-72(n,dt)Cu-68g	TALYS-6a	0	20
Ga-72(n,dt)Cu-68m	TALYS-6a	0	19
Ga-72(n,n'pd)Cu-69	TALYS-6a	0 [8]	21
Ga-72(n,n'pt)Cu-68g	TALYS-6a	0	19
Ga-72(n,n'pt)Cu-68m	TALYS-6a	0	18
Ga-72(n,n'dt)Cu-67	TALYS-6a	0 [8]	15
Ga-72(n,n'ph)Ni-68	TALYS-6a	0 [8]	15
Ga-72(n,n'dh)Ni-67	TALYS-6a	0 [8]	12
Ga-72(n,n'th)Ni-66	TALYS-6a	0 [8]	12
Ga-72(n,n'ta)Ni-65	TALYS-6a	0 [8]	21
Ga-72(n,2n2p)Cu-69	TALYS-6a	0 [8]	19
Ga-72(n,4n2p)Cu-67	TALYS-6a	0 [8]	10
Ga-72(n,4n2a)Co-61	TALYS-6a	0 [8]	10
Ga-72(n,4npa)Ni-64	TALYS-6a	0 [8]	11
Ge-68(n,2nd)Ga-65	TALYS-6a	0 [8,15]	20

Ge-68(n,2n)Ge-67	TALYS-6a	0		36
Ge-68(n,3n)Ge-66	TALYS-6a	0		25
Ge-68(n,n'a)Zn-64	TALYS-6a	0 [8]		60
Ge-68(n,n'3a)Fe-56	TALYS-6a	0 [8]		20
Ge-68(n,2na)Zn-63	TALYS-6a	0 [8]		29
Ge-68(n,3na)Zn-62	TALYS-6a	0 [8]		20
Ge-68(n,n'p)Ga-67	TALYS-6a	0 [8]		47
Ge-68(n,n'2a)Ni-60	TALYS-6a	0 [8]		36
Ge-68(n,2n2a)Ni-59	TALYS-6a	0 [8]		21
Ge-68(n,n'd)Ga-66	TALYS-6a	0 [8]		29
Ge-68(n,n't)Ga-65	TALYS-6a	0 [8]		26
Ge-68(n,n'h)Zn-65	TALYS-6a	0 [8]		28
Ge-68(n,n'd2a)Co-58g	TALYS-6a	0		14
Ge-68(n,n'd2a)Co-58m	TALYS-6a	0		14
Ge-68(n,n't2a)Co-57	TALYS-6a	0 [8]		12
Ge-68(n,4n)Ge-65	TALYS-6a	0		14
Ge-68(n,2np)Ga-66	TALYS-6a	0 [8]		27
Ge-68(n,3np)Ga-65	TALYS-6a	0		18
Ge-68(n,n'2p)Zn-66	TALYS-6a	0 [8]		33
Ge-68(n,n'pa)Cu-63	TALYS-6a	0 [8]		33
>Ge-68(n,g)Ge-69	TALYS-6a	0 [14,2]		100
Ge-68(n,p)Ga-68	TALYS-6a	0 [2]		100
Ge-68(n,d)Ga-67	TALYS-6a	0 [8]		57
Ge-68(n,t)Ga-66	TALYS-6a	0 [8]		39
Ge-68(n,h)Zn-66	TALYS-6a	0 [8]		52
Ge-68(n,a)Zn-65	TALYS-6a	0 [2]		100
Ge-68(n,2a)Ni-61	TALYS-6a	0		100
Ge-68(n,3a)Fe-57	TALYS-6a	0 [8]		28
Ge-68(n,2p)Zn-67	TALYS-6a	0 [8]		52
Ge-68(n,pa)Cu-64	TALYS-6a	0 [8]		55
Ge-68(n,t2a)Co-58g	TALYS-6a	0		17
Ge-68(n,t2a)Co-58m	TALYS-6a	0		18
Ge-68(n,d2a)Co-59	TALYS-6a	0 [8]		23
Ge-68(n,pd)Zn-66	TALYS-6a	0 [8]		37
Ge-68(n,pt)Zn-65	TALYS-6a	0 [8]		29
Ge-68(n,da)Cu-63	TALYS-6a	0 [8]		36
Ge-68(n,5n)Ge-64	TALYS-6a	0		9
Ge-68(n,2nt)Ga-64	TALYS-6a	0 [8]		15
Ge-68(n,ta)Cu-62	TALYS-6a	0 [8]		29
Ge-68(n,4np)Ga-64	TALYS-6a	0		11
Ge-68(n,3nd)Ga-64	TALYS-6a	0 [8]		12
Ge-68(n,n'da)Cu-62	TALYS-6a	0 [8]		23
Ge-68(n,2npa)Cu-62	TALYS-6a	0 [8]		21
Ge-68(n,4na)Zn-61	TALYS-6a	0		11
Ge-68(n,3nt)Ga-63	TALYS-6a	0 [8]		10
Ge-68(n,2nh)Zn-64	TALYS-6a	0 [8]		20
Ge-68(n,3nh)Zn-63	TALYS-6a	0 [8]		12
Ge-68(n,4nh)Zn-62	TALYS-6a	0 [8]		8
Ge-68(n,3n2p)Zn-64	TALYS-6a	0		15
Ge-68(n,3n2a)Ni-58	TALYS-6a	0 [8]		14
Ge-68(n,3npa)Cu-61	TALYS-6a	0 [8]		14
Ge-68(n,dt)Zn-64	TALYS-6a	0 [8]		22
Ge-68(n,n'pd)Zn-65	TALYS-6a	0 [8]		23
Ge-68(n,n'pt)Zn-64	TALYS-6a	0 [8]		21
Ge-68(n,n'dt)Zn-63	TALYS-6a	0 [8]		13
Ge-68(n,n'ph)Cu-64	TALYS-6a	0 [8]		19
Ge-68(n,n'dh)Cu-63	TALYS-6a	0 [8]		14
Ge-68(n,n'th)Cu-62	TALYS-6a	0 [8]		12
Ge-68(n,n'ta)Cu-61	TALYS-6a	0 [8]		19
Ge-68(n,2n2p)Zn-65	TALYS-6a	0 [8]		21
Ge-68(n,ph)Cu-65	TALYS-6a	0 [8]		29
Ge-68(n,dh)Cu-64	TALYS-6a	0 [8]		31
Ge-68(n,ha)Ni-62	TALYS-6a	0 [8]		9
Ge-68(n,4n2p)Zn-63	TALYS-6a	0		8
Ge-68(n,4npa)Cu-60	TALYS-6a	0 [8]		28
Ge-68(n,3p)Cu-66	TALYS-6a	0 [8]		22
Ge-68(n,n'3p)Cu-65	TALYS-6a	0 [8]		10
Ge-68(n,3n2pa)Ni-60	TALYS-6a	0 [8]		21
Ge-69(n,2nd)Ga-66	TALYS-6a	0 [8]		45
Ge-69(n,2n)Ge-68	TALYS-6a	0		26
Ge-69(n,3n)Ge-67	TALYS-6a	0		59
Ge-69(n,n'a)Zn-65	TALYS-6a	0 [8]		19
Ge-69(n,n'3a)Fe-57	TALYS-6a	0 [8]		34
Ge-69(n,2na)Zn-64	TALYS-6a	0 [8]		21
Ge-69(n,3na)Zn-63	TALYS-6a	0 [8]		47
Ge-69(n,n'p)Ga-68	TALYS-6a	0 [8]		35
Ge-69(n,n'2a)Ni-61	TALYS-6a	0 [8]		25
Ge-69(n,2n2a)Ni-60	TALYS-6a	0 [8]		33
Ge-69(n,n'd)Ga-67	TALYS-6a	0 [8]		27
Ge-69(n,n't)Ga-66	TALYS-6a	0 [8]		31
Ge-69(n,n'h)Zn-66	TALYS-6a	0 [8]		15
Ge-69(n,n'd2a)Co-59	TALYS-6a	0		12
Ge-69(n,n't2a)Co-58g	TALYS-6a	0		13
Ge-69(n,n't2a)Co-58m	TALYS-6a	0		16
Ge-69(n,4n)Ge-66	TALYS-6a	0		31
Ge-69(n,2np)Ga-67	TALYS-6a	0		19
Ge-69(n,3np)Ga-66	TALYS-6a	0 [8]		31
Ge-69(n,n'2p)Zn-67	TALYS-6a	0 [8]		32
Ge-69(n,n'pa)Cu-64	MASGAM	0 [14,13]		83
Ge-69(n,g)Ge-70	TALYS-6a	0 [2]		100
Ge-69(n,p)Ga-69	TALYS-6a	0 [8]		57
Ge-69(n,d)Ga-68	TALYS-6a	0 [8]		46
Ge-69(n,t)Ga-67	TALYS-6a	0 [8]		46
Ge-69(n,h)Zn-67	TALYS-6a	0 [2]		100
Ge-69(n,a)Zn-66	TALYS-6a	0		100
Ge-69(n,2a)Ni-62	TALYS-6a	0 [8]		30
Ge-69(n,3a)Fe-58	TALYS-6a	0 [8]		62
Ge-69(n,2p)Zn-68	TALYS-6a	0 [8]		64
Ge-69(n,pa)Cu-65	TALYS-6a	0 [8]		20
Ge-69(n,t2a)Co-59	TALYS-6a	0		21
Ge-69(n,d2a)Co-60g	TALYS-6a	0		21
Ge-69(n,d2a)Co-60m	TALYS-6a	0 [8]		35
Ge-69(n,pd)Zn-67	TALYS-6a	0 [8]		33
Ge-69(n,pt)Zn-66	TALYS-6a	0 [8]		35
Ge-69(n,da)Cu-64	TALYS-6a	0		10
Ge-69(n,5n)Ge-65	TALYS-6a	0 [8]		18
Ge-69(n,2nt)Ga-65	TALYS-6a	0 [8]		32
Ge-69(n,ta)Cu-63	TALYS-6a	0		13
Ge-69(n,4np)Ga-65	TALYS-6a			

Ge-69(n,3nd)Ga-65	TALYS-6a	0		14
Ge-69(n,n'da)Cu-63	TALYS-6a	0 [8]		25
Ge-69(n,2npa)Cu-63	TALYS-6a	0 [8]		24
Ge-69(n,5np)Ga-64	TALYS-6a	0		7
Ge-69(n,4na)Zn-62	TALYS-6a	0 [8]		14
Ge-69(n,4nd)Ga-64	TALYS-6a	0		8
Ge-69(n,3nt)Ga-64	TALYS-6a	0 [8]		11
Ge-69(n,2nh)Zn-65	TALYS-6a	0 [8]		20
Ge-69(n,3nh)Zn-64	TALYS-6a	0 [8]		14
Ge-69(n,4nh)Zn-63	TALYS-6a	0 [8]		8
Ge-69(n,3n2p)Zn-65	TALYS-6a	0		15
Ge-69(n,3n2a)Ni-59	TALYS-6a	0 [8]		14
Ge-69(n,3npa)Cu-62	TALYS-6a	0 [8]		14
Ge-69(n,dt)Zn-65	TALYS-6a	0 [8]		22
Ge-69(n,n'pd)Zn-66	TALYS-6a	0 [8]		26
Ge-69(n,n'pt)Zn-65	TALYS-6a	0 [8]		21
Ge-69(n,n'dt)Zn-64	TALYS-6a	0 [8]		15
Ge-69(n,n'ph)Cu-65	TALYS-6a	0 [8]		21
Ge-69(n,n'dh)Cu-64	TALYS-6a	0 [8]		14
Ge-69(n,n'th)Cu-63	TALYS-6a	0 [8]		13
Ge-69(n,n'ta)Cu-62	TALYS-6a	0 [8]		20
Ge-69(n,2n2p)Zn-66	TALYS-6a	0 [8]		24
Ge-69(n,ph)Cu-66	TALYS-6a	0 [8]		27
Ge-69(n,dh)Cu-65	TALYS-6a	0 [8]		21
Ge-69(n,ha)Ni-63	TALYS-6a	0 [8]		29
Ge-69(n,4n2p)Zn-64	TALYS-6a	0		11
Ge-69(n,4n2a)Ni-58	TALYS-6a	0 [8]		10
Ge-69(n,4npa)Cu-61	TALYS-6a	0 [8]		10
Ge-69(n,3p)Cu-67	TALYS-6a	0 [8]		29
Ge-69(n,n'3p)Cu-66	TALYS-6a	0 [8]		20
Ge-69(n,3n2pa)Ni-61	TALYS-6a	0 [8]		10
Ge-70(n,2nd)Ga-67	TALYS-6a	0		21
Ge-70(n,2n)Ge-69	ADL-3	4 [13]		45
Ge-70(n,3n)Ge-68	TALYS-6a	0		26
Ge-70(n,n'a)Zn-66	TALYS-6a	0 [8]		57
Ge-70(n,n'3a)Fe-58	TALYS-6a	0 [8]		18
Ge-70(n,2na)Zn-65	TALYS-6a	0 [8]		29
Ge-70(n,3na)Zn-64	TALYS-6a	0 [8]		21
Ge-70(n,n'p)Ga-69	TALYS-6a	0 [8]		43
Ge-70(n,n'2a)Ni-62	TALYS-6a	0 [8]		33
Ge-70(n,2n2a)Ni-61	TALYS-6a	0 [8]		21
Ge-70(n,n'd)Ga-68	TALYS-6a	0 [8]		29
Ge-70(n,n't)Ga-67	TALYS-6a	0 [8]		27
Ge-70(n,n'h)Zn-67	TALYS-6a	0 [8]		26
Ge-70(n,n'd2a)Co-60g	TALYS-6a	0		13
Ge-70(n,n'd2a)Co-60m	TALYS-6a	0		13
Ge-70(n,n't2a)Co-59	TALYS-6a	0 [8]		12
Ge-70(n,4n)Ge-67	TALYS-6a	0		15
Ge-70(n,2np)Ga-68	TALYS-6a	0		27
Ge-70(n,3np)Ga-67	TALYS-6a	0		19
Ge-70(n,n'2p)Zn-68	TALYS-6a	0 [8]		30
Ge-70(n,n'pa)Cu-65	TALYS-6a	0 [8]		30
+Ge-70(n,g)Ge-71g	SIGECN-MASGAM	4 [13,4,6]		2154
+Ge-70(n,g)Ge-71m	SIGECN-MASGAM	0 [13,4,6]		2154
Ge-70(n,p)Ga-70	ADL-3	4 [13,3]		45
Ge-70(n,d)Ga-69	TALYS-6a	0 [8]		51
Ge-70(n,t)Ga-68	TALYS-6a	2 [8]		39
Ge-70(n,h)Zn-68	TALYS-6a	0 [8]		43
Ge-70(n,a)Zn-67	TALYS-6a	0 [9,2,3]		941
Ge-70(n,2a)Ni-63	TALYS-6a	0 [8]		49
Ge-70(n,3a)Fe-59	TALYS-6a	0 [8]		24
Ge-70(n,2p)Zn-69g	TALYS-6a	0		41
Ge-70(n,2p)Zn-69m	TALYS-6a	0		41
Ge-70(n,pa)Cu-66	TALYS-6a	0 [8]		43
Ge-70(n,t2a)Co-60g	TALYS-6a	0		16
Ge-70(n,t2a)Co-60m	TALYS-6a	0		16
Ge-70(n,d2a)Co-61	TALYS-6a	0		19
Ge-70(n,pd)Zn-68	TALYS-6a	0 [8]		32
Ge-70(n,pt)Zn-67	TALYS-6a	0 [8]		28
Ge-70(n,da)Cu-65	TALYS-6a	0 [8]		32
Ge-70(n,5n)Ge-66	TALYS-6a	0		11
Ge-70(n,2nt)Ga-66	TALYS-6a	0		16
Ge-70(n,ta)Cu-64	TALYS-6a	0 [8]		28
Ge-70(n,4np)Ga-66	TALYS-6a	0		12
Ge-70(n,3nd)Ga-66	TALYS-6a	0		13
Ge-70(n,n'da)Cu-64	TALYS-6a	0 [8]		22
Ge-70(n,2npa)Cu-64	TALYS-6a	0 [8]		20
Ge-70(n,5np)Ga-65	TALYS-6a	0		7
Ge-70(n,4na)Zn-63	TALYS-6a	0 [8]		13
Ge-70(n,5na)Zn-62	TALYS-6a	0 [8]		8
Ge-70(n,4nd)Ga-65	TALYS-6a	0 [8]		8
Ge-70(n,3nt)Ga-65	TALYS-6a	0 [8]		11
Ge-70(n,2nh)Zn-66	TALYS-6a	0 [8]		20
Ge-70(n,3nh)Zn-65	TALYS-6a	0		13
Ge-70(n,4nh)Zn-64	TALYS-6a	0 [8]		8
Ge-70(n,3n2p)Zn-66	TALYS-6a	0 [8]		14
Ge-70(n,3n2a)Ni-60	TALYS-6a	0 [8]		14
Ge-70(n,3npa)Cu-63	TALYS-6a	0 [8]		14
Ge-70(n,dt)Zn-66	TALYS-6a	0 [8]		22
Ge-70(n,n'pd)Zn-67	TALYS-6a	0 [8]		21
Ge-70(n,n'pt)Zn-66	TALYS-6a	0 [8]		20
Ge-70(n,n'dt)Zn-65	TALYS-6a	0 [8]		13
Ge-70(n,n'ph)Cu-66	TALYS-6a	0 [8]		16
Ge-70(n,n'dh)Cu-65	TALYS-6a	0 [8]		13
Ge-70(n,n'th)Cu-64	TALYS-6a	0 [8]		11
Ge-70(n,n'ta)Cu-63	TALYS-6a	0 [8]		20
Ge-70(n,2n2p)Zn-67	TALYS-6a	0 [8]		20
Ge-70(n,ph)Cu-67	TALYS-6a	0 [8]		25
Ge-70(n,dh)Cu-66	TALYS-6a	0 [8]		17
Ge-70(n,ha)Ni-64	TALYS-6a	0 [8]		27
Ge-70(n,4n2p)Zn-65	TALYS-6a	0		9
Ge-70(n,4n2a)Ni-59	TALYS-6a	0 [8]		8
Ge-70(n,4npa)Cu-62	TALYS-6a	0 [8]		8
Ge-70(n,3p)Cu-68g	TALYS-6a	0		23
Ge-70(n,3p)Cu-68m	TALYS-6a	0		23
Ge-70(n,n'3p)Cu-67	TALYS-6a	0 [8]		17
Ge-70(n,3n2pa)Ni-62	TALYS-6a	0 [8]		10
Ge-71(n,2nd)Ga-68	TALYS-6a	0		22
Ge-71(n,2n)Ge-70	TALYS-6a	0		48

Ge-71(n,3n)Ge-69	TALYS-6a	0		27	Ge-72(n,a)Zn-69m	TALYS-5a	4	100
Ge-71(n,n'a)Zn-67	TALYS-6a	0 [8]		55	Ge-72(n,2a)Ni-65	TALYS-6a	0 [8]	41
Ge-71(n,n'3a)Fe-59	TALYS-6a	0 [8]		16	Ge-72(n,2p)Zn-71g	TALYS-6a	0	34
Ge-71(n,2na)Zn-66	TALYS-6a	0 [8]		35	Ge-72(n,2p)Zn-71m	TALYS-6a	0	34
Ge-71(n,3na)Zn-65	TALYS-6a	0 [8]		22	Ge-72(n,pa)Cu-68g	TALYS-6a	0	36
Ge-71(n,n'p)Ga-70	TALYS-6a	0 [8]		44	Ge-72(n,pa)Cu-68m	TALYS-6a	0	35
Ge-71(n,n'2a)Ni-63	TALYS-6a	0 [8]		31	Ge-72(n,pd)Zn-70	TALYS-6a	0 [8]	29
Ge-71(n,2n2a)Ni-62	TALYS-6a	0 [8]		24	Ge-72(n,pt)Zn-69g	TALYS-6a	0	26
Ge-71(n,n'd)Ga-69	TALYS-6a	0 [8]		32	Ge-72(n,pt)Zn-69m	TALYS-6a	0	25
Ge-71(n,n't)Ga-68	TALYS-6a	0		28	Ge-72(n,da)Cu-67	TALYS-6a	0 [8]	30
Ge-71(n,n'h)Zn-68	TALYS-6a	0 [8]		29	Ge-72(n,5n)Ge-68	TALYS-6a	0	12
Ge-71(n,n'd2a)Co-61	TALYS-6a	0 [8]		14	Ge-72(n,6n)Ge-67	TALYS-6a	0	6
Ge-71(n,n't2a)Co-60g	TALYS-6a	0		12	Ge-72(n,2nt)Ga-68	TALYS-6a	0 [8]	17
Ge-71(n,n't2a)Co-60m	TALYS-6a	0		12	Ge-72(n,ta)Cu-66	TALYS-6a	0 [8]	26
Ge-71(n,4n)Ge-68	TALYS-6a	0		19	Ge-72(n,4np)Ga-68	TALYS-6a	0	13
Ge-71(n,2np)Ga-69	TALYS-6a	0		30	Ge-72(n,3nd)Ga-68	TALYS-6a	0	14
Ge-71(n,3np)Ga-68	TALYS-6a	0		20	Ge-72(n,n'da)Cu-66	TALYS-6a	0 [8]	20
Ge-71(n,n'2p)Zn-69g	TALYS-6a	0		29	Ge-72(n,2npa)Cu-65	TALYS-6a	0 [8]	18
Ge-71(n,n'2p)Zn-69m	TALYS-6a	0		28	Ge-72(n,5np)Ga-67	TALYS-6a	0	9
Ge-71(n,n'pa)Cu-66	TALYS-6a	0 [8]		30	Ge-72(n,4na)Zn-65	TALYS-6a	0 [8]	14
Ge-71(n,g)Ge-72	MASGAM	0 [14,13]		83	Ge-72(n,5na)Zn-64	TALYS-6a	0 [8]	9
Ge-71(n,p)Ga-71	TALYS-6a	0 [2]		100	Ge-72(n,4nd)Ga-67	TALYS-6a	0	10
Ge-71(n,d)Ga-70	TALYS-6a	0 [8]		52	Ge-72(n,3nt)Ga-67	TALYS-6a	0 [8]	12
Ge-71(n,t)Ga-69	TALYS-6a	0 [8]		45	Ge-72(n,4nt)Ga-66	TALYS-6a	0	7
Ge-71(n,h)Zn-69g	TALYS-6a	0		41	Ge-72(n,2nh)Zn-68	TALYS-6a	0 [8]	18
Ge-71(n,h)Zn-69m	TALYS-6a	0		40	Ge-72(n,3nh)Zn-67	TALYS-6a	0 [8]	12
Ge-71(n,a)Zn-68	TALYS-6a	0 [2]		100	Ge-72(n,4nh)Zn-66	TALYS-6a	0 [8]	9
Ge-71(n,2a)Ni-64	TALYS-6a	0		100	Ge-72(n,3n2p)Zn-68	TALYS-6a	0 [8]	14
Ge-71(n,3a)Fe-60	TALYS-6a	0 [8]		25	Ge-72(n,3n2a)Ni-62	TALYS-6a	0 [8]	15
Ge-71(n,2p)Zn-70	TALYS-6a	0 [8]		45	Ge-72(n,3npa)Cu-65	TALYS-6a	0 [8]	14
Ge-71(n,pa)Cu-67	TALYS-6a	0 [8]		49	Ge-72(n,dt)Zn-68	TALYS-6a	0 [8]	21
Ge-71(n,t2a)Co-61	TALYS-6a	0 [8]		17	Ge-72(n,n'pd)Zn-69g	TALYS-6a	0	19
Ge-71(n,d2a)Co-62g	TALYS-6a	0		17	Ge-72(n,n'pd)Zn-69m	TALYS-6a	0	19
Ge-71(n,d2a)Co-62m	TALYS-6a	0		17	Ge-72(n,n'pt)Zn-68	TALYS-6a	0 [8]	19
Ge-71(n,pd)Zn-69g	TALYS-6a	0		30	Ge-72(n,n'dt)Zn-67	TALYS-6a	0 [8]	13
Ge-71(n,pd)Zn-69m	TALYS-6a	0		30	Ge-72(n,n'ph)Cu-68g	TALYS-6a	0	14
Ge-71(n,pt)Zn-68	TALYS-6a	0 [8]		30	Ge-72(n,n'ph)Cu-68m	TALYS-6a	0	14
Ge-71(n,da)Cu-66	TALYS-6a	0 [8]		31	Ge-72(n,n'dh)Cu-67	TALYS-6a	0 [8]	12
Ge-71(n,5n)Ge-67	TALYS-6a	0		11	Ge-72(n,n'th)Cu-66	TALYS-6a	0 [8]	10
Ge-71(n,6n)Ge-66	TALYS-6a	0		7	Ge-72(n,n'ta)Cu-65	TALYS-6a	0 [8]	19
Ge-71(n,2nt)Ga-67	TALYS-6a	0 [8]		19	Ge-72(n,2n2p)Zn-69g	TALYS-6a	0	18
Ge-71(n,ta)Cu-65	TALYS-6a	0 [8]		30	Ge-72(n,2n2p)Zn-69m	TALYS-6a	0	17
Ge-71(n,4np)Ga-67	TALYS-6a	0		14	Ge-72(n,ph)Cu-69	TALYS-6a	0 [8]	21
Ge-71(n,3nd)Ga-67	TALYS-6a	0		15	Ge-72(n,ha)Ni-66	TALYS-6a	0 [8]	24
Ge-71(n,n'da)Cu-65	TALYS-6a	0 [8]		24	Ge-72(n,4n2p)Zn-67	TALYS-6a	0	9
Ge-71(n,2npa)Cu-65	TALYS-6a	0 [8]		22	Ge-72(n,4n2a)Ni-61	TALYS-6a	0 [8]	9
Ge-71(n,5np)Ga-66	TALYS-6a	0		8	Ge-72(n,4npa)Cu-64	TALYS-6a	0 [8]	9
Ge-71(n,4na)Zn-64	TALYS-6a	0 [8]		15	Ge-72(n,n'3p)Cu-69	TALYS-6a	0 [8]	15
Ge-71(n,5na)Zn-63	TALYS-6a	0 [8]		9	Ge-72(n,3n2pa)Ni-64	TALYS-6a	0 [8]	9
Ge-71(n,4nd)Ga-66	TALYS-6a	0		9	Ge-73(n,n')Ge-73m	TALYS-6a	0	90
Ge-71(n,3nt)Ga-66	TALYS-6a	0 [8]		12	Ge-73(n,2nd)Ga-70	TALYS-6a	0 [8]	22
Ge-71(n,4nt)Ga-65	TALYS-6a	0		8	Ge-73(n,2n)Ge-72	TALYS-6a	0	51
Ge-71(n,2nh)Zn-67	TALYS-6a	0 [8]		19	+Ge-73(n,3n)Ge-71g	TALYS-6a	0 [4]	29
Ge-71(n,3nh)Zn-66	TALYS-6a	0 [8]		14	+Ge-73(n,3n)Ge-71m	TALYS-6a	0 [4,7,8]	28
Ge-71(n,4nh)Zn-65	TALYS-6a	0 [8]		9	Ge-73(n,n'a)Zn-69g	TALYS-6a	0	50
Ge-71(n,3n2p)Zn-67	TALYS-6a	0 [8]		14	Ge-73(n,n'a)Zn-69m	TALYS-6a	0	48
Ge-71(n,3n2a)Ni-61	TALYS-6a	0 [8]		15	Ge-73(n,2na)Zn-68	TALYS-6a	0 [8]	34
Ge-71(n,3npa)Cu-64	TALYS-6a	0 [8]		14	Ge-73(n,3na)Zn-67	TALYS-6a	0 [8]	22
Ge-71(n,dt)Zn-67	TALYS-6a	0 [8]		21	+Ge-73(n,n'p)Ga-72g	TALYS-6a	0 [4,8]	40
Ge-71(n,n'pd)Zn-68	TALYS-6a	0 [8]		24	+Ge-73(n,n'p)Ga-72m	TALYS-6a	0 [4,7,8,8]	39
Ge-71(n,n'pt)Zn-67	TALYS-6a	0 [8]		20	Ge-73(n,n'2a)Ni-65	TALYS-6a	0 [8]	29
Ge-71(n,n'dt)Zn-66	TALYS-6a	0 [8]		15	Ge-73(n,2n2a)Ni-64	TALYS-6a	0 [8]	23
Ge-71(n,n'ph)Cu-67	TALYS-6a	0 [8]		17	Ge-73(n,n'd)Ga-71	TALYS-6a	0 [8]	31
Ge-71(n,n'dh)Cu-66	TALYS-6a	0 [8]		13	Ge-73(n,n't)Ga-70	TALYS-6a	0 [8]	28
Ge-71(n,n'th)Cu-65	TALYS-6a	0 [8]		12	Ge-73(n,n'h)Zn-70	TALYS-6a	0 [8]	27
Ge-71(n,n'ta)Cu-64	TALYS-6a	0 [8]		20	Ge-73(n,n'd2a)Co-63	TALYS-6a	0 [8]	12
Ge-71(n,2n2p)Zn-68	TALYS-6a	0 [8]		22	Ge-73(n,4n)Ge-70	TALYS-6a	0	21
Ge-71(n,ph)Cu-68g	TALYS-6a	0		23	Ge-73(n,2np)Ga-71	TALYS-6a	0	30
Ge-71(n,ph)Cu-68m	TALYS-6a	0		23	Ge-73(n,3np)Ga-70	TALYS-6a	0	20
Ge-71(n,dh)Cu-67	TALYS-6a	0 [8]		18	Ge-73(n,n'2p)Zn-71g	TALYS-6a	0	26
Ge-71(n,ha)Ni-65	TALYS-6a	0 [8]		26	Ge-73(n,n'2p)Zn-71m	TALYS-6a	0	26
Ge-71(n,4n2p)Zn-66	TALYS-6a	0		11	Ge-73(n,n'pa)Cu-68g	TALYS-6a	0	27
Ge-71(n,4n2a)Ni-60	TALYS-6a	0 [8]		10	Ge-73(n,n'pa)Cu-68m	TALYS-6a	0	26
Ge-71(n,4npa)Cu-63	TALYS-6a	0 [8]		10	Ge-73(n,g)Ge-74	JEF-2.2	2 [14,13]	2552
Ge-71(n,3p)Cu-69	TALYS-6a	0 [8]		24	Ge-73(n,p)Ga-73	JENDL-3.2	4 [13]	50
Ge-71(n,n'3p)Cu-68g	TALYS-6a	0		16	+Ge-73(n,d)Ga-72g	TALYS-6a	0 [4,8]	45
Ge-71(n,n'3p)Cu-68m	TALYS-6a	0		16	+Ge-73(n,d)Ga-72m	TALYS-6a	0 [4,7,8,8]	43
Ge-71(n,3n2pa)Ni-63	TALYS-6a	0 [8]		9	Ge-73(n,t)Ga-71	TALYS-6a	0 [8]	44
Ge-72(n,2nd)Ga-69	TALYS-6a	0		21	Ge-73(n,h)Zn-71g	TALYS-6a	0	35
+Ge-72(n,2n)Ge-71g	TALYS-6a	0 [4]		40	Ge-73(n,h)Zn-71m	TALYS-6a	0	35
+Ge-72(n,2n)Ge-71m	TALYS-6a	0 [4,7,8,3]		38	Ge-73(n,a)Zn-70	TALYS-6a	0 [9,2,3]	2448
Ge-72(n,3n)Ge-70	TALYS-6a	0		28	Ge-73(n,2a)Ni-66	TALYS-6a	0 [8]	46
Ge-72(n,n'a)Zn-68	TALYS-6a	0 [8]		52	Ge-73(n,2p)Zn-72	TALYS-6a	0 [8]	39
Ge-72(n,n'3a)Fe-60	TALYS-6a	0 [8]		15	Ge-73(n,pa)Cu-69	TALYS-6a	0 [8]	40
Ge-72(n,2na)Zn-67	TALYS-6a	0 [8]		29	Ge-73(n,pd)Zn-71g	TALYS-6a	0	28
Ge-72(n,3na)Zn-66	TALYS-6a	0 [8]		22	Ge-73(n,pd)Zn-71m	TALYS-6a	0	28
Ge-72(n,n'p)Ga-71	TALYS-6a	0 [8]		41	Ge-73(n,pt)Zn-70	TALYS-6a	0 [8]	28
Ge-72(n,n'2a)Ni-64	TALYS-6a	0 [8]		30	Ge-73(n,da)Cu-68g	TALYS-6a	0	29
Ge-72(n,2n2a)Ni-63	TALYS-6a	0 [8]		20	Ge-73(n,da)Cu-68m	TALYS-6a	0	28
Ge-72(n,n'd)Ga-70	TALYS-6a	0		29	Ge-73(n,5n)Ge-69	TALYS-6a	0	13
Ge-72(n,n't)Ga-69	TALYS-6a	0 [8]		27	Ge-73(n,6n)Ge-68	TALYS-6a	0	9
Ge-72(n,n'h)Zn-69g	TALYS-6a	0		25	Ge-73(n,2nt)Ga-69	TALYS-6a	0 [8]	20
Ge-72(n,n'h)Zn-69m	TALYS-6a	0		24	Ge-73(n,ta)Cu-67	TALYS-6a	0 [8]	29
Ge-72(n,n'd2a)Co-62g	TALYS-6a	0		11	Ge-73(n,4np)Ga-69	TALYS-6a	0 [8]	14
Ge-72(n,n'd2a)Co-62m	TALYS-6a	0		11	Ge-73(n,3nd)Ga-69	TALYS-6a	0 [8]	15
Ge-72(n,n't2a)Co-61	TALYS-6a	0 [8]		11	Ge-73(n,n'da)Cu-67	TALYS-6a	0	23
Ge-72(n,4n)Ge-69	TALYS-6a	0		16	Ge-73(n,2npa)Cu-67	TALYS-6a	0 [8]	21
Ge-72(n,2np)Ga-70	TALYS-6a	0		27	Ge-73(n,5np)Ga-68	TALYS-6a	0	9
Ge-72(n,3np)Ga-69	TALYS-6a	0		19	Ge-73(n,6np)Ga-67	TALYS-6a	0	5
Ge-72(n,n'2p)Zn-70	TALYS-6a	0 [8]		27	Ge-73(n,4na)Zn-66	TALYS-6a	0 [8]	16
Ge-72(n,n'pa)Cu-67	TALYS-6a	0 [8]		28	Ge-73(n,5na)Zn-65	TALYS-6a	0 [8]	10
>Ge-72(n,g)Ge-73g	JEF-2.2	0 [13,3]		2439	Ge-73(n,6na)Zn-64	TALYS-6a	0 [8]	6
>Ge-72(n,g)Ge-73m	JEF-2.2	0 [13,3]		2439	Ge-73(n,4nd)Ga-68	TALYS-6a	0	10
+Ge-72(n,p)Ga-72g	JEF-2.2	4 [4,7,8,4,12,3]		74	Ge-73(n,5nd)Ga-67	TALYS-6a	0	6
+Ge-72(n,p)Ga-72m	JEF-2.2	0 [4,7,8,4,12,3]		73	Ge-73(n,3nt)Ga-68	TALYS-6a	0 [8]	13
Ge-72(n,d)Ga-71	TALYS-6a	0 [8]		45	Ge-73(n,4nt)Ga-67	TALYS-6a	0	9
Ge-72(n,t)Ga-70	TALYS-6a	0 [8]		39	Ge-73(n,2nh)Zn-69g	TALYS-6a	0	18
Ge-72(n,h)Zn-70	TALYS-6a	0 [8]		37	Ge-73(n,2nh)Zn-69m	TALYS-6a	0	18
Ge-72(n,a)Zn-69g	TALYS-5a	2		100	Ge-73(n,3nh)Zn-68	TALYS-6a	0 [8]	14

Reaction	Library		Ref	Value
Ge-73(n,4nh)Zn-67	TALYS-6a	0 [8]		9
Ge-73(n,3n2p)Zn-69g	TALYS-6a	0		14
Ge-73(n,3n2p)Zn-69m	TALYS-6a	0		13
Ge-73(n,3n2a)Ni-63	TALYS-6a	0 [8]		14
Ge-73(n,3npa)Cu-66	TALYS-6a	0 [8]		14
Ge-73(n,dt)Zn-69g	TALYS-6a	0		20
Ge-73(n,dt)Zn-69m	TALYS-6a	0		20
Ge-73(n,n'pd)Zn-70	TALYS-6a	0 [8]		22
Ge-73(n,n'pt)Zn-69g	TALYS-6a	0		19
Ge-73(n,n'pt)Zn-69m	TALYS-6a	0		18
Ge-73(n,n'dt)Zn-68	TALYS-6a	0 [8]		15
Ge-73(n,n'ph)Cu-69	TALYS-6a	0 [8]		15
Ge-73(n,n'dh)Cu-68g	TALYS-6a	0		12
Ge-73(n,n'dh)Cu-68m	TALYS-6a	0		11
Ge-73(n,n'th)Cu-67	TALYS-6a	0 [8]		11
Ge-73(n,n'ta)Cu-66	TALYS-6a	0 [8]		19
Ge-73(n,2n2p)Zn-70	TALYS-6a	0 [8]		20
Ge-73(n,4n2p)Zn-68	TALYS-6a	0		11
Ge-73(n,4n2a)Ni-62	TALYS-6a	0 [8]		11
Ge-73(n,4npa)Cu-65	TALYS-6a	0 [8]		10
Ge-73(n,n'3p)Cu-70g	TALYS-6a	0 [4]		14
Ge-73(n,n'3p)Cu-70m	TALYS-6a	0 [4,7,8]		14
+Ge-73(n,n'3p)Cu-70n	TALYS-6a	0 [4,7,8]		13
Ge-74(n,2nd)Ga-71	TALYS-6a	0 [8]		21
Ge-74(n,2n)Ge-73g	TALYS-6a	0		41
Ge-74(n,2n)Ge-73m	ADL-3	2 [13,3]		44
Ge-74(n,3n)Ge-72	TALYS-6a	0		29
Ge-74(n,n'a)Zn-70	TALYS-6a	0 [8]		45
Ge-74(n,2na)Zn-69g	TALYS-6a	0		29
Ge-74(n,2na)Zn-69m	TALYS-6a	0		29
Ge-74(n,3na)Zn-68	TALYS-6a	0 [8]		22
Ge-74(n,n'p)Ga-73	TALYS-6a	0 [8]		38
Ge-74(n,n'2a)Ni-66	TALYS-6a	0 [8]		28
Ge-74(n,2n2a)Ni-65	TALYS-6a	0 [8]		18
+Ge-74(n,n'd)Ga-72g	TALYS-6a	0 [4]		28
+Ge-74(n,n'd)Ga-72m	TALYS-6a	0 [4,7,8]		27
Ge-74(n,n't)Ga-71	TALYS-6a	0 [8]		27
Ge-74(n,n'h)Zn-71g	TALYS-6a	0		23
Ge-74(n,n'h)Zn-71m	TALYS-6a	0		23
+Ge-74(n,4n)Ge-71g	TALYS-6a	0 [4]		18
+Ge-74(n,4n)Ge-71m	TALYS-6a	0 [4,7,8]		17
+Ge-74(n,2np)Ga-72g	TALYS-6a	0 [4]		26
+Ge-74(n,2np)Ga-72m	TALYS-6a	0 [4,7,8]		25
Ge-74(n,3np)Ga-71	TALYS-6a	0		19
Ge-74(n,n'2p)Zn-72	TALYS-6a	0 [8]		25
Ge-74(n,n'pa)Cu-69	TALYS-6a	0 [8]		25
Ge-74(n,g)Ge-75g	JENDL-3.2	2 [13,4,6]		3036
Ge-74(n,g)Ge-75m	JENDL-3.2	2 [13,4,6]		3036
Ge-74(n,p)Ga-74g	TALYS-6a	0 [2]		60
Ge-74(n,p)Ga-74m	TALYS-6a	0 [2]		60
Ge-74(n,d)Ga-73	TALYS-6a	0 [8]		43
+Ge-74(n,t)Ga-72g	TALYS-5	5 [4,8]		36
+Ge-74(n,t)Ga-72m	TALYS-5	0 [4,7,8,8]		35
Ge-74(n,h)Zn-72	TALYS-6a	0 [8]		32
Ge-74(n,a)Zn-71g	JEF-2.2	2 [13,4]		102
Ge-74(n,a)Zn-71m	JEF-2.2	4 [13,4,7,8]		99
Ge-74(n,2a)Ni-67	TALYS-6a	0 [8]		35
>Ge-74(n,2p)Zn-73g	TALYS-6a	0 [4,8]		30
>Ge-74(n,2p)Zn-73m	TALYS-6a	0 [4,7,8,8]		29
+Ge-74(n,2p)Zn-73n	TALYS-6a	0 [4,7,8,8]		29
>Ge-74(n,pa)Cu-70g	TALYS-6a	0 [4]		30
>Ge-74(n,pa)Cu-70m	TALYS-6a	0 [4,7,8]		30
+Ge-74(n,pa)Cu-70n	TALYS-6a	0 [4,7,8]		29
Ge-74(n,pd)Zn-72	TALYS-6a	0 [8]		26
Ge-74(n,pt)Zn-71g	TALYS-6a	0		23
Ge-74(n,pt)Zn-71m	TALYS-6a	0		23
Ge-74(n,da)Cu-69	TALYS-6a	0 [8]		22
Ge-74(n,5n)Ge-70	TALYS-6a	0		14
Ge-74(n,6n)Ge-69	TALYS-6a	0		8
Ge-74(n,2nt)Ga-70	TALYS-6a	0 [8]		18
Ge-74(n,ta)Cu-68g	TALYS-6a	0		24
Ge-74(n,ta)Cu-68m	TALYS-6a	0		24
Ge-74(n,4np)Ga-70	TALYS-6a	0		13
Ge-74(n,3nd)Ga-70	TALYS-6a	0		14
Ge-74(n,n'da)Cu-68g	TALYS-6a	0		18
Ge-74(n,n'da)Cu-68m	TALYS-6a	0		17
Ge-74(n,2npa)Cu-68g	TALYS-6a	0		16
Ge-74(n,2npa)Cu-68m	TALYS-6a	0		16
Ge-74(n,5np)Ga-69	TALYS-6a	0		9
Ge-74(n,4na)Zn-67	TALYS-6a	0 [8]		14
Ge-74(n,5na)Zn-66	TALYS-6a	0 [8]		10
Ge-74(n,4nd)Ga-69	TALYS-6a	0		10
Ge-74(n,5nd)Ga-68	TALYS-6a	0		5
Ge-74(n,3nt)Ga-69	TALYS-6a	0 [8]		13
Ge-74(n,4nt)Ga-68	TALYS-6a	0		8
Ge-74(n,2nh)Zn-70	TALYS-6a	0 [8]		17
Ge-74(n,3nh)Zn-69g	TALYS-6a	0		12
Ge-74(n,3nh)Zn-69m	TALYS-6a	0		12
Ge-74(n,4nh)Zn-68	TALYS-6a	0 [8]		9
Ge-74(n,3n2p)Zn-70	TALYS-6a	0 [8]		13
Ge-74(n,3n2a)Ni-64	TALYS-6a	0 [8]		14
Ge-74(n,3npa)Cu-67	TALYS-6a	0 [8]		13
Ge-74(n,dt)Zn-70	TALYS-6a	0 [8]		19
Ge-74(n,n'pd)Zn-71g	TALYS-6a	0		17
Ge-74(n,n'pd)Zn-71m	TALYS-6a	0		17
Ge-74(n,n'pt)Zn-70	TALYS-6a	0 [8]		18
Ge-74(n,n'dt)Zn-69g	TALYS-6a	0		13
Ge-74(n,n'dt)Zn-69m	TALYS-6a	0		13
Ge-74(n,n'ph)Cu-70g	TALYS-6a	0 [4]		12
Ge-74(n,n'ph)Cu-70m	TALYS-6a	0 [4,7,8]		12
+Ge-74(n,n'ph)Cu-70n	TALYS-6a	0 [4,7,8]		11
Ge-74(n,n'dh)Cu-69	TALYS-6a	0 [8]		11
Ge-74(n,n'ta)Cu-67	TALYS-6a	0 [8]		18
Ge-74(n,2n2p)Zn-71g	TALYS-6a	0		16
Ge-74(n,2n2p)Zn-71m	TALYS-6a	0		16
Ge-74(n,4n2p)Zn-69g	TALYS-6a	0		9
Ge-74(n,4n2p)Zn-69m	TALYS-6a	0		8
Ge-74(n,4n2a)Ni-63	TALYS-6a	0 [8]		9
Ge-74(n,4npa)Cu-66	TALYS-6a	0 [8]		8
Ge-76(n,2nd)Ga-73	TALYS-6a	0		21
Ge-76(n,2n)Ge-75g	ADL-3	6 [13,3]		45
Ge-76(n,2n)Ge-75m	ADL-3	6 [13,3]		44
Ge-76(n,3n)Ge-74	TALYS-6a	0		30
Ge-76(n,n'a)Zn-72	TALYS-5a	1 [8]		43
Ge-76(n,2na)Zn-71g	TALYS-6a	0		28
Ge-76(n,2na)Zn-71m	TALYS-6a	0		28
Ge-76(n,3na)Zn-70	TALYS-6a	0 [8]		22
Ge-76(n,n'p)Ga-75	TALYS-6a	0 [8]		36
Ge-76(n,n'2a)Ni-68	TALYS-6a	0 [8]		24
Ge-76(n,2n2a)Ni-66	TALYS-6a	0 [8]		16
Ge-76(n,n'd)Ga-74g	TALYS-6a	0		27
Ge-76(n,n'd)Ga-74m	TALYS-6a	0		27
Ge-76(n,n't)Ga-73	TALYS-6a	0 [8]		27
Ge-76(n,n'h)Zn-73g	TALYS-6a	0 [4,8]		21
Ge-76(n,n'h)Zn-73m	TALYS-6a	0 [4,7,8,8]		20
+Ge-76(n,n'h)Zn-73n	TALYS-6a	0 [4,7,8,8]		20
Ge-76(n,4n)Ge-73g	TALYS-6a	0		20
Ge-76(n,4n)Ge-73m	TALYS-6a	0		20
Ge-76(n,2np)Ga-74g	TALYS-6a	0		26
Ge-76(n,2np)Ga-74m	TALYS-6a	0		25
Ge-76(n,3np)Ga-73	TALYS-6a	0		19
Ge-76(n,n'2p)Zn-74	TALYS-6a	0 [8]		22
Ge-76(n,n'pa)Cu-71	TALYS-6a	0 [8]		22
Ge-76(n,g)Ge-77g	JEF-2.2	2 [13,4,6]		1638
Ge-76(n,g)Ge-77m	JEF-2.2	2 [13,4,6]		1638
Ge-76(n,p)Ga-76	NRG-2003	4 [3,8,5]		44
Ge-76(n,d)Ga-75	TALYS-6a	0 [8]		41
Ge-76(n,t)Ga-74g	TALYS-6a	0		36
Ge-76(n,t)Ga-74m	TALYS-6a	0		35
Ge-76(n,h)Zn-74	TALYS-6a	0 [8]		30
>Ge-76(n,a)Zn-73g	TALYS-6a	0 [4,2,8]		66
>Ge-76(n,a)Zn-73m	TALYS-6a	0 [4,7,8,2,8]		65
+Ge-76(n,a)Zn-73n	TALYS-6a	0 [4,7,8,8]		65
Ge-76(n,2p)Zn-75	TALYS-6a	0 [8]		26
Ge-76(n,pa)Cu-72	TALYS-6a	0 [8,7,8]		26
Ge-76(n,pd)Zn-74	TALYS-6a	0 [8]		24
Ge-76(n,da)Cu-71	TALYS-6a	0 [8]		22
Ge-76(n,5n)Ge-72	TALYS-6a	0		15
+Ge-76(n,6n)Ge-71g	TALYS-6a	0 [4]		9
+Ge-76(n,6n)Ge-71m	TALYS-6a	0 [4,7,8]		8
+Ge-76(n,2nt)Ga-72g	TALYS-6a	0 [4]		18
+Ge-76(n,2nt)Ga-72m	TALYS-6a	0 [4,7,8]		17
Ge-76(n,ta)Cu-70g	TALYS-6a	0 [4]		21
Ge-76(n,ta)Cu-70m	TALYS-6a	0 [4,7,8]		21
Ge-76(n,ta)Cu-70n	TALYS-6a	0 [4,7,8]		20
+Ge-76(n,4np)Ga-72g	TALYS-6a	0 [4]		13
+Ge-76(n,4np)Ga-72m	TALYS-6a	0 [4,7,8]		12
+Ge-76(n,3nd)Ga-72g	TALYS-6a	0 [4]		14
+Ge-76(n,3nd)Ga-72m	TALYS-6a	0 [4,7,8]		13
Ge-76(n,n'da)Cu-70g	TALYS-6a	0 [4]		16
Ge-76(n,n'da)Cu-70m	TALYS-6a	0 [4,7,8]		16
+Ge-76(n,n'da)Cu-70n	TALYS-6a	0 [4,7,8]		15
Ge-76(n,2npa)Cu-70g	TALYS-6a	0 [4]		15
Ge-76(n,2npa)Cu-70m	TALYS-6a	0 [4,7,8]		15
+Ge-76(n,2npa)Cu-70n	TALYS-6a	0 [4,7,8]		14
Ge-76(n,7n)Ge-70	TALYS-6a	0		6
Ge-76(n,5np)Ga-71	TALYS-6a	0		10
Ge-76(n,6np)Ga-70	TALYS-6a	0		5
Ge-76(n,4na)Zn-69g	TALYS-6a	0		14
Ge-76(n,4na)Zn-69m	TALYS-6a	0		14
Ge-76(n,5na)Zn-68	TALYS-6a	0 [8]		11
Ge-76(n,6na)Zn-67	TALYS-6a	0 [8]		6
Ge-76(n,4nd)Ga-71	TALYS-6a	0		11
Ge-76(n,5nd)Ga-70	TALYS-6a	0		6
Ge-76(n,3nt)Ga-71	TALYS-6a	0		14
Ge-76(n,4nt)Ga-70	TALYS-6a	0		9
Ge-76(n,5nt)Ga-69	TALYS-6a	0 [8]		5
Ge-76(n,2nh)Zn-72	TALYS-6a	0 [8]		16
Ge-76(n,3nh)Zn-71g	TALYS-6a	0		12
Ge-76(n,3nh)Zn-71m	TALYS-6a	0		12
Ge-76(n,4nh)Zn-70	TALYS-6a	0 [8]		9
Ge-76(n,3n2p)Zn-72	TALYS-6a	0 [8]		12
Ge-76(n,3n2a)Ni-66	TALYS-6a	0 [8]		14
Ge-76(n,3npa)Cu-69	TALYS-6a	0 [8]		12
Ge-76(n,n'pd)Zn-73g	TALYS-6a	0 [4,8]		16
Ge-76(n,n'pd)Zn-73m	TALYS-6a	0 [4,7,8,8]		15
+Ge-76(n,n'pd)Zn-73n	TALYS-6a	0 [4,7,8,8]		15
Ge-76(n,n'pt)Zn-72	TALYS-6a	0 [8]		16
Ge-76(n,n'dt)Zn-71g	TALYS-6a	0		13
Ge-76(n,n'dt)Zn-71m	TALYS-6a	0		13
Ge-76(n,n'ta)Cu-69	TALYS-6a	0 [8]		17
Ge-76(n,2n2p)Zn-73g	TALYS-6a	0 [4,8]		15
Ge-76(n,2n2p)Zn-73m	TALYS-6a	0 [4,7,8,8]		14
+Ge-76(n,2n2p)Zn-73n	TALYS-6a	0 [4,7,8,8]		14
Ge-76(n,4n2p)Zn-71g	TALYS-6a	0		8
Ge-76(n,4n2p)Zn-71m	TALYS-6a	0		8
Ge-76(n,4n2a)Ni-65	TALYS-6a	0 [8]		9
Ge-76(n,4npa)Cu-68g	TALYS-6a	0		8
Ge-76(n,4npa)Cu-68m	TALYS-6a	0		8
Ge-77(n,n')Ge-77m	TALYS-6a	0		89
Ge-77(n,2nd)Ga-74g	TALYS-6a	0		21
Ge-77(n,2nd)Ga-74m	TALYS-6a	0		21
Ge-77(n,2n)Ge-76	TALYS-6a	0		55
Ge-77(n,3n)Ge-75g	TALYS-6a	0		31
Ge-77(n,3n)Ge-75m	TALYS-6a	0		31
>Ge-77(n,n'a)Zn-73g	TALYS-6a	0 [4,8]		41
>Ge-77(n,n'a)Zn-73m	TALYS-6a	0 [4,7,8,8]		40
+Ge-77(n,n'a)Zn-73n	TALYS-6a	0 [4,7,8,8]		40
Ge-77(n,2na)Zn-72	TALYS-6a	0 [8]		31
Ge-77(n,3na)Zn-71g	TALYS-6a	0		21
Ge-77(n,3na)Zn-71m	TALYS-6a	0		21
Ge-77(n,n'p)Ga-76	TALYS-6a	0 [8]		36
+Ge-77(n,n'2a)Ni-69g	TALYS-6a	0 [4,8]		23
+Ge-77(n,n'2a)Ni-69m	TALYS-6a	0 [4,7,8,8]		22
Ge-77(n,2n2a)Ni-68	TALYS-6a	0 [8]		17
Ge-77(n,n'd)Ga-75	TALYS-6a	0		30
Ge-77(n,n't)Ga-74g	TALYS-6a	0		27
Ge-77(n,n't)Ga-74m	TALYS-6a	0		27

Reaction	Library	Flag	Refs	Value
Ge-77(n,n'h)Zn-74	TALYS-6a	0	[8]	24
Ge-77(n,4n)Ge-74	TALYS-6a	0		24
Ge-77(n,2np)Ga-75	TALYS-6a	0		28
Ge-77(n,3np)Ga-74g	TALYS-6a	0		20
Ge-77(n,3np)Ga-74m	TALYS-6a	0		19
Ge-77(n,n'2p)Zn-75	TALYS-6a	0	[8]	21
Ge-77(n,n'pa)Cu-72	TALYS-6a	0	[8,7,8]	21
>Ge-77(n,g)Ge-78	TALYS-6a	0		100
Ge-77(n,p)Ga-77	TALYS-6a	0	[2,8]	60
Ge-77(n,d)Ga-76	TALYS-6a	0	[8]	40
Ge-77(n,t)Ga-75	TALYS-6a	0	[8]	41
Ge-77(n,h)Zn-75	TALYS-6a	0	[8]	28
Ge-77(n,a)Zn-74	TALYS-6a	0	[2]	100
Ge-77(n,2p)Zn-76	TALYS-6a	0	[8]	29
Ge-77(n,pa)Cu-73	TALYS-6a	0	[8]	28
Ge-77(n,pd)Zn-75	TALYS-6a	0	[8]	23
Ge-77(n,pt)Zn-74	TALYS-6a	0	[8]	24
Ge-77(n,da)Cu-72	TALYS-6a	0	[8,7,8]	21
Ge-77(n,5n)Ge-73g	TALYS-6a	0		15
Ge-77(n,5n)Ge-73m	TALYS-6a	0		15
Ge-77(n,6n)Ge-72	TALYS-6a	0		12
Ge-77(n,2nt)Ga-73	TALYS-6a	0	[8]	21
Ge-77(n,ta)Cu-71	TALYS-6a	0	[8]	22
Ge-77(n,4np)Ga-73	TALYS-6a	0		15
Ge-77(n,3nd)Ga-73	TALYS-6a	0		16
Ge-77(n,n'da)Cu-71	TALYS-6a	0	[8]	17
Ge-77(n,2npa)Cu-71	TALYS-6a	0	[8]	16
+Ge-77(n,7n)Ge-71g	TALYS-6a	0		6
+Ge-77(n,7n)Ge-71m	TALYS-6a	0		6
+Ge-77(n,5np)Ga-72g	TALYS-6a	0	[4]	10
+Ge-77(n,5np)Ga-72m	TALYS-6a	0	[4,7,8]	9
Ge-77(n,6np)Ga-71	TALYS-6a	0		7
Ge-77(n,4na)Zn-70	TALYS-6a	0	[8]	16
Ge-77(n,5na)Zn-69g	TALYS-6a	0		11
Ge-77(n,5na)Zn-69m	TALYS-6a	0		11
Ge-77(n,6na)Zn-68	TALYS-6a	0	[8]	8
+Ge-77(n,4nd)Ga-72g	TALYS-6a	0	[4]	11
+Ge-77(n,4nd)Ga-72m	TALYS-6a	0	[4,7,8]	10
Ge-77(n,5nd)Ga-71	TALYS-6a	0		8
+Ge-77(n,3nt)Ga-72g	TALYS-6a	0	[4]	14
+Ge-77(n,3nt)Ga-72m	TALYS-6a	0	[4,7,8]	13
Ge-77(n,4nt)Ga-71	TALYS-6a	0		11
Ge-77(n,5nt)Ga-70	TALYS-6a	0		6
Ge-77(n,2nh)Zn-73g	TALYS-6a	0	[4,8]	16
Ge-77(n,2nh)Zn-73m	TALYS-6a	0	[4,7,8,8]	15
+Ge-77(n,2nh)Zn-73n	TALYS-6a	0	[4,7,8,8]	15
Ge-77(n,3nh)Zn-72	TALYS-6a	0	[8]	13
Ge-77(n,4nh)Zn-71g	TALYS-6a	0		9
Ge-77(n,4nh)Zn-71m	TALYS-6a	0		9
Ge-77(n,3n2p)Zn-73g	TALYS-6a	0	[4,8]	12
Ge-77(n,3n2p)Zn-73m	TALYS-6a	0	[4,7,8,8]	11
+Ge-77(n,3n2p)Zn-73n	TALYS-6a	0	[4,7,8,8]	11
Ge-77(n,3n2a)Ni-67	TALYS-6a	0	[8]	13
Ge-77(n,3na)Cu-70g	TALYS-6a	0	[4]	12
Ge-77(n,3npa)Cu-70m	TALYS-6a	0	[4,7,8]	12
+Ge-77(n,3npa)Cu-70n	TALYS-6a	0	[4,7,8]	11
Ge-77(n,n'pd)Zn-74	TALYS-6a	0	[8]	18
Ge-77(n,n'pt)Zn-73g	TALYS-6a	0	[4,8]	16
Ge-77(n,n'pt)Zn-73m	TALYS-6a	0	[4,7,8,8]	15
+Ge-77(n,n'pt)Zn-73n	TALYS-6a	0	[4,7,8,8]	15
Ge-77(n,n'dt)Zn-72	TALYS-6a	0	[8]	14
Ge-77(n,n'ta)Cu-70g	TALYS-6a	0	[4]	16
Ge-77(n,n'ta)Cu-70m	TALYS-6a	0	[4,7,8]	16
+Ge-77(n,n'ta)Cu-70n	TALYS-6a	0	[4,7,8]	15
Ge-77(n,2n2p)Zn-74	TALYS-6a	0	[8]	16
Ge-77(n,4n2p)Zn-72	TALYS-6a	0	[8]	9
Ge-77(n,4n2a)Ni-66	TALYS-6a	0	[8]	10
Ge-77(n,4npa)Cu-69	TALYS-6a	0	[8]	9
As-71(n,2nd)Ge-68	TALYS-6a	0	[8]	23
As-71(n,2n)As-70	TALYS-6a	0		38
As-71(n,3n)As-69	TALYS-6a	0		25
As-71(n,n'a)Ga-67	TALYS-6a	0	[8]	59
As-71(n,n'3a)Co-59	TALYS-6a	0	[8]	21
As-71(n,2na)Ga-66	TALYS-6a	0	[8]	30
As-71(n,3na)Ga-65	TALYS-6a	0	[8]	20
As-71(n,n'p)Ge-70	TALYS-6a	0	[8]	60
As-71(n,n'2a)Cu-63	TALYS-6a	0	[8]	35
As-71(n,2n2a)Cu-62	TALYS-6a	0	[8]	22
As-71(n,n'd)Ge-69	TALYS-6a	0	[8]	32
As-71(n,n't)Ge-68	TALYS-6a	0		30
As-71(n,n'h)Ga-68	TALYS-6a	0	[8]	28
As-71(n,n'd2a)Ni-61	TALYS-6a	0	[8]	16
As-71(n,n't2a)Ni-60	TALYS-6a	0	[8]	15
As-71(n,4n)As-68	TALYS-6a	0		15
As-71(n,2np)Ge-69	TALYS-6a	0		30
As-71(n,3np)Ge-68	TALYS-6a	0		22
As-71(n,n'2p)Ga-69	TALYS-6a	0	[8]	32
As-71(n,n'pa)Zn-66	TALYS-6a	0	[8]	37
As-71(n,g)As-72	MASGAM	0	[14,13]	83
+As-71(n,p)Ge-71g	TALYS-6a	0	[4]	100
+As-71(n,p)Ge-71m	TALYS-6a	0	[7,4,7]	100
As-71(n,d)Ge-70	TALYS-6a	0	[8]	71
As-71(n,t)Ge-69	TALYS-6a	0	[8]	44
As-71(n,h)Ga-69	TALYS-6a	0	[8]	48
As-71(n,a)Ga-68	TALYS-6a	0	[2]	100
As-71(n,2a)Cu-64	TALYS-6a	0		100
As-71(n,3a)Co-60g	TALYS-6a	0		29
As-71(n,3a)Co-60m	TALYS-6a	0		28
As-71(n,2p)Ga-70	TALYS-6a	0	[8]	51
As-71(n,pa)Zn-67	TALYS-6a	0	[8]	62
As-71(n,t2a)Ni-61	TALYS-6a	0	[8]	21
As-71(n,d2a)Ni-62	TALYS-6a	0	[8]	26
As-71(n,pd)Ga-69	TALYS-6a	0	[8]	36
As-71(n,pt)Ga-68	TALYS-6a	0	[8]	29
As-71(n,da)Zn-66	TALYS-6a	0	[8]	41
As-71(n,5n)As-67	TALYS-6a	0		9
As-71(n,2nt)Ge-67	TALYS-6a	0	[8]	17
As-71(n,ta)Zn-65	TALYS-6a	0	[8]	31
As-71(n,4np)Ge-67	TALYS-6a	0		13
As-71(n,3nd)Ge-67	TALYS-6a	0		14
As-71(n,n'da)Zn-65	TALYS-6a	0	[8]	25
As-71(n,2npa)Zn-65	TALYS-6a	0	[8]	23
As-71(n,5np)Ge-66	TALYS-6a	0		8
As-71(n,4na)Ga-64	TALYS-6a	0	[8]	12
As-71(n,4nd)Ge-66	TALYS-6a	0		9
As-71(n,3nt)Ge-66	TALYS-6a	0	[8]	12
As-71(n,2nh)Ga-67	TALYS-6a	0	[8]	20
As-71(n,3nh)Ga-66	TALYS-6a	0	[8]	13
As-71(n,4nh)Ga-65	TALYS-6a	0	[8]	8
As-71(n,3n2p)Ga-67	TALYS-6a	0		15
As-71(n,3n2a)Cu-61	TALYS-6a	0	[8]	14
As-71(n,3npa)Zn-64	TALYS-6a	0	[8]	16
As-71(n,dt)Ga-67	TALYS-6a	0	[8]	22
As-71(n,n'pd)Ga-68	TALYS-6a	0	[8]	23
As-71(n,n'pt)Ga-67	TALYS-6a	0	[8]	21
As-71(n,n'dt)Ga-66	TALYS-6a	0	[8]	14
As-71(n,n'ph)Ga-67	TALYS-6a	0	[8]	20
As-71(n,n'dh)Zn-66	TALYS-6a	0	[8]	15
As-71(n,n'th)Zn-65	TALYS-6a	0	[8]	13
As-71(n,n'ta)Zn-64	TALYS-6a	0	[8]	22
As-71(n,2n2p)Ga-68	TALYS-6a	0	[8]	21
As-71(n,ph)Zn-68	TALYS-6a	0	[8]	31
As-71(n,dh)Zn-67	TALYS-6a	0	[8]	21
As-71(n,ha)Cu-65	TALYS-6a	0	[8]	30
As-71(n,4n2p)Ga-66	TALYS-6a	0	[8]	9
As-71(n,4npa)Zn-63	TALYS-6a	0	[8]	9
As-71(n,3p)Zn-69g	TALYS-6a	0		29
As-71(n,3p)Zn-69m	TALYS-6a	0		29
As-71(n,n'3p)Zn-68	TALYS-6a	0	[8]	23
As-71(n,3n2pa)Cu-63	TALYS-6a	0	[8]	10
As-72(n,2nd)Ge-69	TALYS-6a	0	[8]	23
As-72(n,2n)As-71	TALYS-6a	0		44
As-72(n,3n)As-70	TALYS-6a	0		26
As-72(n,n'a)Ga-68	TALYS-6a	0	[8]	59
As-72(n,n'3a)Co-60g	TALYS-6a	0		19
As-72(n,n'3a)Co-60m	TALYS-6a	0		19
As-72(n,2na)Ga-67	TALYS-6a	0	[8]	34
As-72(n,3na)Ga-66	TALYS-6a	0	[8]	21
+As-72(n,n'p)Ge-71g	TALYS-6a	0	[4,8]	56
+As-72(n,n'p)Ge-71m	TALYS-6a	0	[4,7,8,8]	54
As-72(n,n'2a)Cu-64	TALYS-6a	0	[8]	34
As-72(n,2n2a)Cu-63	TALYS-6a	0	[8]	24
As-72(n,n'd)Ge-70	TALYS-6a	0	[8]	38
As-72(n,n't)Ge-69	TALYS-6a	0		30
As-72(n,n'h)Ga-69	TALYS-6a	0	[8]	30
As-72(n,n'd2a)Ni-62	TALYS-6a	0	[8]	17
As-72(n,n't2a)Ni-61	TALYS-6a	0	[8]	14
As-72(n,4n)As-69	TALYS-6a	0		17
As-72(n,2np)Ge-70	TALYS-6a	0		35
As-72(n,3np)Ge-69	TALYS-6a	0		22
As-72(n,n'2p)Ga-70	TALYS-6a	0	[8]	31
As-72(n,n'pa)Zn-67	TALYS-6a	0	[8]	35
As-72(n,g)As-73	MASGAM	0	[14,13]	83
As-72(n,p)Ge-72	TALYS-6a	0	[2]	100
+As-72(n,d)Ge-71g	TALYS-6a	0	[4,8]	66
+As-72(n,d)Ge-71m	TALYS-6a	0	[4,7,8,8]	65
As-72(n,t)Ge-70	TALYS-6a	0	[8]	59
As-72(n,h)Ga-70	TALYS-6a	0	[8]	45
As-72(n,a)Ga-69	TALYS-6a	0	[2]	100
As-72(n,2a)Cu-65	TALYS-6a	0		100
As-72(n,3a)Co-61	TALYS-6a	0	[8]	29
As-72(n,2p)Ga-71	TALYS-6a	0	[8]	55
As-72(n,pa)Zn-68	TALYS-6a	0		100
As-72(n,t2a)Ni-62	TALYS-6a	0	[8]	23
As-72(n,d2a)Ni-63	TALYS-6a	0	[8]	24
As-72(n,pd)Ga-70	TALYS-6a	0	[8]	34
As-72(n,pt)Ga-69	TALYS-6a	0	[8]	31
As-72(n,da)Zn-67	TALYS-6a	0	[8]	38
As-72(n,5n)As-68	TALYS-6a	0		10
As-72(n,2nt)Ge-68	TALYS-6a	0	[8]	21
As-72(n,ta)Zn-66	TALYS-6a	0	[8]	36
As-72(n,4np)Ge-68	TALYS-6a	0		15
As-72(n,3nd)Ge-68	TALYS-6a	0		16
As-72(n,n'da)Zn-66	TALYS-6a	0	[8]	27
As-72(n,2npa)Zn-66	TALYS-6a	0	[8]	26
As-72(n,5np)Ge-67	TALYS-6a	0		9
As-72(n,4na)Ga-65	TALYS-6a	0	[8]	14
As-72(n,5na)Ga-64	TALYS-6a	0	[8]	8
As-72(n,4nd)Ge-67	TALYS-6a	0		10
As-72(n,3nt)Ge-67	TALYS-6a	0	[8]	12
As-72(n,4nt)Ge-66	TALYS-6a	0		8
As-72(n,2nh)Ga-68	TALYS-6a	0	[8]	20
As-72(n,3nh)Ga-67	TALYS-6a	0	[8]	14
As-72(n,4nh)Ga-66	TALYS-6a	0	[8]	8
As-72(n,3n2p)Ga-68	TALYS-6a	0		15
As-72(n,3n2a)Cu-62	TALYS-6a	0	[8]	14
As-72(n,3npa)Zn-65	TALYS-6a	0	[8]	15
As-72(n,dt)Ga-68	TALYS-6a	0	[8]	22
As-72(n,n'pd)Ga-69	TALYS-6a	0	[8]	25
As-72(n,n'pt)Ga-68	TALYS-6a	0	[8]	21
As-72(n,n'dt)Ga-67	TALYS-6a	0	[8]	15
As-72(n,n'ph)Zn-68	TALYS-6a	0	[8]	22
As-72(n,n'dh)Zn-67	TALYS-6a	0	[8]	15
As-72(n,n'th)Zn-66	TALYS-6a	0	[8]	14
As-72(n,n'ta)Zn-65	TALYS-6a	0	[8]	22
As-72(n,2n2p)Ga-69	TALYS-6a	0	[8]	23
As-72(n,ph)Zn-69g	TALYS-6a	0		28
As-72(n,ph)Zn-69m	TALYS-6a	0		28
As-72(n,dh)Zn-68	TALYS-6a	0	[8]	23
As-72(n,ha)Cu-66	TALYS-6a	0	[8]	28
As-72(n,4n2p)Ga-67	TALYS-6a	0		11
As-72(n,4n2a)Cu-61	TALYS-6a	0	[8]	10
As-72(n,4npa)Zn-64	TALYS-6a	0	[8]	11
As-72(n,3p)Zn-70	TALYS-6a	0	[8]	31
As-72(n,n'3p)Zn-69g	TALYS-6a	0		21
As-72(n,n'3p)Zn-69m	TALYS-6a	0		20
As-72(n,3n2pa)Cu-64	TALYS-6a	0	[8]	10
As-73(n,2nd)Ge-70	TALYS-6a	0	[8]	24

Reaction	Library				Reaction	Library			
As-73(n,2n)As-72	TALYS-6a	0		40	+As-74(n,h)Ga-72g	TALYS-6a	0	[4,8]	39
As-73(n,3n)As-71	TALYS-6a	0		27	+As-74(n,h)Ga-72m	TALYS-6a	0	[4,7,8,8]	38
As-73(n,n'a)Ga-69	TALYS-6a	0	[8]	56	As-74(n,a)Ga-71	TALYS-6a	0	[2]	100
As-73(n,n'3a)Co-61	TALYS-6a	0	[8]	18	As-74(n,2a)Cu-67	TALYS-6a	0	[8]	55
As-73(n,2na)Ga-68	TALYS-6a	0	[8]	30	As-74(n,2p)Ga-73	TALYS-6a	0	[8]	43
As-73(n,3na)Ga-67	TALYS-6a	0	[8]	21	As-74(n,pa)Zn-70	TALYS-6a	0	[8]	54
As-73(n,n'p)Ge-72	TALYS-6a	0	[8]	55	As-74(n,t2a)Ni-64	TALYS-6a	0	[8]	20
As-73(n,n'2a)Cu-65	TALYS-6a	0	[8]	32	As-74(n,d2a)Ni-65	TALYS-6a	0	[8]	20
As-73(n,2n2a)Cu-64	TALYS-6a	0	[8]	21	+As-74(n,pd)Ga-72g	TALYS-6a	0	[4,8]	30
+As-73(n,n'd)Ge-71g	TALYS-6a	0	[4,8]	31	+As-74(n,pd)Ga-72m	TALYS-6a	0	[4,7,8,8]	29
+As-73(n,n'd)Ge-71m	TALYS-6a	0	[4,7,8,8]	30	As-74(n,pt)Ga-71	TALYS-6a	0	[8]	29
As-73(n,n't)Ge-70	TALYS-6a	0	[8]	30	As-74(n,da)Zn-69g	TALYS-6a	0		33
As-73(n,n'h)Ga-70	TALYS-6a	0	[8]	27	As-74(n,da)Zn-69m	TALYS-6a	0		32
As-73(n,n'd2a)Ni-63	TALYS-6a	0	[8]	14	As-74(n,5n)As-70	TALYS-6a	0		12
As-73(n,n't2a)Ni-62	TALYS-6a	0	[8]	14	As-74(n,6n)As-69	TALYS-6a	0		7
As-73(n,4n)As-70	TALYS-6a	0		16	As-74(n,2nt)Ge-70	TALYS-6a	0	[8]	22
+As-73(n,2np)Ge-71g	TALYS-6a	0	[4]	30	As-74(n,ta)Zn-68	TALYS-6a	0	[8]	32
+As-73(n,2np)Ge-71m	TALYS-6a	0	[4,7,8]	29	As-74(n,4np)Ge-70	TALYS-6a	0		15
As-73(n,3np)Ge-70	TALYS-6a	0		22	As-74(n,3nd)Ge-70	TALYS-6a	0	[8]	16
As-73(n,n'2p)Ga-71	TALYS-6a	0	[8]	29	As-74(n,n'da)Zn-68	TALYS-6a	0	[8]	26
As-73(n,n'pa)Zn-68	TALYS-6a	0	[8]	33	As-74(n,2npa)Zn-68	TALYS-6a	0	[8]	24
As-73(n,g)As-74	MASGAM	0	[14,13]	83	As-74(n,5np)Ge-69	TALYS-6a	0		10
As-73(n,p)Ge-73g	TALYS-6a	0	[2]	100	As-74(n,4na)Ga-67	TALYS-6a	0	[8]	15
As-73(n,p)Ge-73m	TALYS-6a	0	[2]	100	As-74(n,5na)Ga-66	TALYS-6a	0	[8]	9
As-73(n,d)Ge-72	TALYS-6a	0	[8]	66	As-74(n,4nd)Ge-69	TALYS-6a	0		11
+As-73(n,t)Ge-71g	TALYS-6a	0	[4,8]	44	As-74(n,5nd)Ge-68	TALYS-6a	0	[8]	6
+As-73(n,t)Ge-71m	TALYS-6a	0	[4,7,8,8]	43	As-74(n,3nt)Ge-69	TALYS-6a	0	[8]	13
As-73(n,h)Ga-71	TALYS-6a	0	[8]	42	As-74(n,4nt)Ge-68	TALYS-6a	0	[8]	9
As-73(n,a)Ga-70	TALYS-6a	0	[2]	100	As-74(n,2nh)Ga-70	TALYS-6a	0	[8]	19
As-73(n,2a)Cu-66	TALYS-6a	0	[8]	48	As-74(n,3nh)Ga-69	TALYS-6a	0	[8]	14
+As-73(n,2p)Ga-72g	TALYS-6a	0	[4,8]	40	As-74(n,4nh)Ga-68	TALYS-6a	0	[8]	9
+As-73(n,2p)Ga-72m	TALYS-6a	0	[4,7,8,8]	39	As-74(n,3n2p)Ga-70	TALYS-6a	0	[8]	14
As-73(n,pa)Zn-69g	TALYS-6a	0		47	As-74(n,3n2a)Cu-64	TALYS-6a	0	[8]	14
As-73(n,pa)Zn-69m	TALYS-6a	0		46	As-74(n,3npa)Zn-67	TALYS-6a	0	[8]	15
As-73(n,t2a)Ni-63	TALYS-6a	0	[8]	18	As-74(n,dt)Ga-70	TALYS-6a	0	[8]	21
As-73(n,d2a)Ni-64	TALYS-6a	0	[8]	23	As-74(n,n'pd)Ga-71	TALYS-6a	0	[8]	23
As-73(n,pd)Ga-71	TALYS-6a	0	[8]	31	As-74(n,n'pt)Ga-70	TALYS-6a	0	[8]	20
As-73(n,pt)Ga-70	TALYS-6a	0	[8]	28	As-74(n,n'dt)Ga-69	TALYS-6a	0	[8]	15
As-73(n,da)Zn-68	TALYS-6a	0	[8]	36	As-74(n,n'ph)Zn-70	TALYS-6a	0	[8]	19
As-73(n,5n)As-69	TALYS-6a	0		11	As-74(n,n'dh)Zn-69g	TALYS-6a	0		13
As-73(n,2nt)Ge-69	TALYS-6a	0	[8]	18	As-74(n,n'dh)Zn-69m	TALYS-6a	0		13
As-73(n,ta)Zn-67	TALYS-6a	0	[8]	30	As-74(n,n'th)Zn-68	TALYS-6a	0	[8]	13
As-73(n,4np)Ge-69	TALYS-6a	0		14	As-74(n,n'ta)Zn-67	TALYS-6a	0	[8]	21
As-73(n,3nd)Ge-69	TALYS-6a	0	[8]	14	As-74(n,2n2p)Ga-71	TALYS-6a	0	[8]	21
As-73(n,n'da)Zn-67	TALYS-6a	0	[8]	23	As-74(n,ha)Cu-68g	TALYS-6a	0		24
As-73(n,2npa)Zn-67	TALYS-6a	0	[8]	22	As-74(n,ha)Cu-68m	TALYS-6a	0		24
As-73(n,5np)Ge-68	TALYS-6a	0		9	As-74(n,4n2p)Ga-69	TALYS-6a	0	[8]	10
As-73(n,4na)Ga-66	TALYS-6a	0	[8]	13	As-74(n,4n2a)Cu-63	TALYS-6a	0	[8]	10
As-73(n,5na)Ga-65	TALYS-6a	0	[8]	8	As-74(n,4npa)Zn-66	TALYS-6a	0	[8]	11
As-73(n,4nd)Ge-68	TALYS-6a	0	[8]	10	As-74(n,3p)Zn-72	TALYS-6a	0	[8]	26
As-73(n,3nt)Ge-68	TALYS-6a	0	[8]	13	As-74(n,n'3p)Zn-71g	TALYS-6a	0		16
As-73(n,4nt)Ge-67	TALYS-6a	0		7	As-74(n,n'3p)Zn-71m	TALYS-6a	0		16
As-73(n,2nh)Ga-69	TALYS-6a	0	[8]	20	As-74(n,3n2pa)Cu-66	TALYS-6a	0	[8]	9
As-73(n,3nh)Ga-68	TALYS-6a	0	[8]	13	As-75(n,2nd)Ge-72	TALYS-6a	0	[8]	24
As-73(n,4nh)Ga-67	TALYS-6a	0	[8]	9	As-75(n,2n)As-74	TALYS-6a	0		41
As-73(n,3n2p)Ga-69	TALYS-6a	0	[8]	14	As-75(n,3n)As-73	TALYS-6a	0		28
As-73(n,3n2a)Cu-63	TALYS-6a	0	[8]	15	As-75(n,n'a)Ga-71	TALYS-6a	0	[8]	50
As-73(n,3npa)Zn-66	TALYS-6a	0	[8]	15	As-75(n,n'3a)Co-63	TALYS-6a	0	[8]	14
As-73(n,dt)Ga-69	TALYS-6a	0	[8]	21	As-75(n,2na)Ga-70	TALYS-6a	0	[8]	30
As-73(n,n'pd)Ga-70	TALYS-6a	0	[8]	22	As-75(n,3na)Ga-69	TALYS-6a	0	[8]	22
As-73(n,n'pt)Ga-69	TALYS-6a	0	[8]	20	As-75(n,n'p)Ge-74	TALYS-6a	0	[8]	49
As-73(n,n'dt)Ga-68	TALYS-6a	0	[8]	14	As-75(n,n'2a)Cu-67	TALYS-6a	0	[8]	29
As-73(n,n'ph)Zn-69g	TALYS-6a	0		17	As-75(n,2n2a)Cu-66	TALYS-6a	0	[8]	19
As-73(n,n'ph)Zn-69m	TALYS-6a	0		17	As-75(n,n'd)Ge-73g	TALYS-6a	0		31
As-73(n,n'dh)Zn-68	TALYS-6a	0	[8]	14	As-75(n,n'd)Ge-73m	TALYS-6a	0		31
As-73(n,n'th)Zn-67	TALYS-6a	0	[8]	12	As-75(n,n't)Ge-72	TALYS-6a	0	[8]	30
As-73(n,n'ta)Zn-66	TALYS-6a	0	[8]	22	+As-75(n,n'h)Ga-72g	TALYS-6a	0	[4,8]	25
As-73(n,2n2p)Ga-70	TALYS-6a	0	[8]	20	+As-75(n,n'h)Ga-72m	TALYS-6a	0	[4,7,8,8]	24
As-73(n,ph)Zn-70	TALYS-6a	0	[8]	27	As-75(n,n'd2a)Ni-65	TALYS-6a	0	[8]	13
As-73(n,ha)Cu-67	TALYS-6a	0	[8]	27	As-75(n,n't2a)Ni-64	TALYS-6a	0	[8]	13
As-73(n,4n2p)Ga-68	TALYS-6a	0	[8]	9	As-75(n,4n)As-72	TALYS-6a	0		17
As-73(n,4n2a)Cu-62	TALYS-6a	0	[8]	9	As-75(n,2np)Ge-73g	TALYS-6a	0		29
As-73(n,4npa)Zn-65	TALYS-6a	0	[8]	10	As-75(n,2np)Ge-73m	TALYS-6a	0		29
As-73(n,3p)Zn-71g	TALYS-6a	0		25	As-75(n,3np)Ge-72	TALYS-6a	0		22
As-73(n,3p)Zn-71m	TALYS-6a	0		25	As-75(n,n'2p)Ga-73	TALYS-6a	0	[8]	27
As-73(n,n'3p)Zn-70	TALYS-6a	0	[8]	19	As-75(n,n'pa)Zn-70	TALYS-6a	0	[8]	29
As-73(n,3n2pa)Cu-65	TALYS-6a	0	[8]	10	As-75(n,g)As-76	JENDL-3.2	4	[14,13]	
+As-74(n,2nd)Ge-71g	TALYS-6a	0	[4]	24	28333				
+As-74(n,2nd)Ge-71m	TALYS-6a	0	[4,7,8]	23	As-75(n,p)Ge-75g	ADL-3	6	[3,12,3]	45
As-74(n,2n)As-73	TALYS-6a	0		45	As-75(n,p)Ge-75m	ADL-3	6	[3,12,3]	45
As-74(n,3n)As-72	TALYS-6a	0		27	As-75(n,d)Ge-74	TALYS-6a	0	[8]	59
As-74(n,n'a)Ga-70	TALYS-6a	0	[8]	54	As-75(n,t)Ge-73g	TALYS-6a	0		43
As-74(n,n'3a)Co-62g	TALYS-6a	0		15	As-75(n,t)Ge-73m	TALYS-6a	0		42
As-74(n,n'3a)Co-62m	TALYS-6a	0		16	As-75(n,h)Ga-73	TALYS-6a	5	[8]	36
As-74(n,2na)Ga-69	TALYS-6a	0	[8]	33	+As-75(n,a)Ga-72g	TALYS-5	6	[4]	100
As-74(n,3na)Ga-68	TALYS-6a	0	[8]	22	+As-75(n,a)Ga-72m	TALYS-5	0	[7,4,7]	100
As-74(n,n'p)Ge-73g	TALYS-6a	0		49	As-75(n,2a)Cu-68g	TALYS-6a	0		39
As-74(n,n'p)Ge-73m	TALYS-6a	0		49	As-75(n,2a)Cu-68m	TALYS-6a	0		38
As-74(n,n'2a)Cu-66	TALYS-6a	0	[8]	30	As-75(n,2p)Ga-74g	TALYS-6a	0		35
As-74(n,2n2a)Cu-65	TALYS-6a	0	[8]	23	As-75(n,2p)Ga-74m	TALYS-6a	0		35
As-74(n,n'd)Ge-72	TALYS-6a	0	[8]	37	As-75(n,pa)Zn-71g	TALYS-6a	0		39
+As-74(n,n't)Ge-71g	TALYS-6a	0	[4]	30	As-75(n,pa)Zn-71m	TALYS-6a	0		39
+As-74(n,n't)Ge-71m	TALYS-6a	0	[4,7,8]	29	As-75(n,pd)Ga-73	TALYS-6a	0	[8]	28
As-74(n,n'h)Ga-71	TALYS-6a	0	[8]	28	+As-75(n,pt)Ga-72g	TALYS-6a	0	[4,8]	25
As-74(n,n'd2a)Ni-64	TALYS-6a	0	[8]	15	+As-75(n,pt)Ga-72m	TALYS-6a	0	[4,7,8,8]	24
As-74(n,n't2a)Ni-63	TALYS-6a	0	[8]	13	As-75(n,da)Zn-70	TALYS-6a	0	[8]	31
As-74(n,4n)As-71	TALYS-6a	0		19	As-75(n,5n)As-71	TALYS-6a	0		13
As-74(n,2np)Ge-72	TALYS-6a	0	[8]	33	As-75(n,6n)As-70	TALYS-6a	0		7
+As-74(n,3np)Ge-71g	TALYS-6a	0	[4]	22	+As-75(n,2nt)Ge-71g	TALYS-6a	0	[4,8]	19
+As-74(n,3np)Ge-71m	TALYS-6a	0	[4,7,8]	21	+As-75(n,2nt)Ge-71m	TALYS-6a	0	[4,7,8,8]	18
+As-74(n,n'2p)Ga-72g	TALYS-6a	0	[4,8]	28	As-75(n,ta)Zn-69g	TALYS-6a	0		28
+As-74(n,n'2p)Ga-72m	TALYS-6a	0	[4,7,8,8]	27	As-75(n,ta)Zn-69m	TALYS-6a	0		27
As-74(n,n'pa)Zn-69g	TALYS-6a	0		30	+As-75(n,4np)Ge-71g	TALYS-6a	0	[4]	14
As-74(n,n'pa)Zn-69m	TALYS-6a	0		30	+As-75(n,4np)Ge-71m	TALYS-6a	0	[4,7,8]	13
As-74(n,g)As-75	MASGAM	0	[14,13]	83	+As-75(n,3nd)Ge-71g	TALYS-6a	0	[4]	15
As-74(n,p)Ge-74	TALYS-6a	0	[2]	100	+As-75(n,3nd)Ge-71m	TALYS-6a	0	[4,7,8]	14
As-74(n,d)Ge-73g	TALYS-6a	0		59	As-75(n,n'da)Zn-69g	TALYS-6a	0		21
As-74(n,d)Ge-73m	TALYS-6a	0		59	As-75(n,n'da)Zn-69m	TALYS-6a	0		21
As-74(n,t)Ge-72	TALYS-6a	0	[8]	56	As-75(n,2npa)Zn-69g	TALYS-6a	0		20

As-75(n,2npa)Zn-69m	TALYS-6a	0	19
As-75(n,5np)Ge-70	TALYS-6a	0	10
As-75(n,4na)Ga-68	TALYS-6a	0 [8]	14
As-75(n,5na)Ga-67	TALYS-6a	0 [8]	9
As-75(n,4nd)Ge-70	TALYS-6a	0	11
As-75(n,5nd)Ge-69	TALYS-6a	0	5
As-75(n,3nt)Ge-70	TALYS-6a	0	14
As-75(n,4nt)Ge-69	TALYS-6a	0 [8]	8
As-75(n,2nh)Ga-71	TALYS-6a	0 [8]	18
As-75(n,3nh)Ga-70	TALYS-6a	0 [8]	13
As-75(n,4nh)Ga-69	TALYS-6a	0 [8]	9
As-75(n,3n2p)Ga-71	TALYS-6a	0	14
As-75(n,3n2a)Cu-65	TALYS-6a	0 [8]	14
As-75(n,3npa)Zn-68	TALYS-6a	0 [8]	15
As-75(n,dt)Ga-71	TALYS-6a	0 [8]	20
+As-75(n,n'pd)Ga-72g	TALYS-6a	0 [4,8]	19
+As-75(n,n'pd)Ga-72m	TALYS-6a	0 [4,7,8,8]	18
As-75(n,n'pt)Ga-71	TALYS-6a	0 [8]	19
As-75(n,n'dt)Ga-70	TALYS-6a	0 [8]	14
As-75(n,n'ph)Zn-71g	TALYS-6a	0	15
As-75(n,n'ph)Zn-71m	TALYS-6a	0	15
As-75(n,n'dh)Zn-70	TALYS-6a	0 [8]	13
As-75(n,n'th)Zn-69g	TALYS-6a	0	11
As-75(n,n'th)Zn-69m	TALYS-6a	0	11
As-75(n,n'ta)Zn-68	TALYS-6a	0 [8]	21
+As-75(n,2n2p)Ga-72g	TALYS-6a	0 [4,8]	17
+As-75(n,2n2p)Ga-72m	TALYS-6a	0 [4,7,8,8]	16
As-75(n,ha)Cu-69	TALYS-6a	0 [8]	22
As-75(n,4n2p)Ga-70	TALYS-6a	0 [8]	9
As-75(n,4n2a)Cu-64	TALYS-6a	0 [8]	9
As-75(n,4npa)Zn-67	TALYS-6a	0 [8]	10
As-75(n,n'3p)Zn-72	TALYS-6a	0 [8]	16
As-76(n,2nd)Ge-73g	TALYS-6a	0	24
As-76(n,2nd)Ge-73m	TALYS-6a	0	24
As-76(n,2n)As-75	TALYS-6a	0	48
As-76(n,3n)As-74	TALYS-6a	0	29
+As-76(n,n'a)Ga-72g	TALYS-6a	0 [4,8]	45
+As-76(n,n'a)Ga-72m	TALYS-6a	0 [4,7,8,8]	44
As-76(n,2na)Ga-71	TALYS-6a	0 [8]	32
As-76(n,3na)Ga-70	TALYS-6a	0 [8]	22
As-76(n,n'p)Ge-75g	TALYS-6a	0	45
As-76(n,n'p)Ge-75m	TALYS-6a	0	45
As-76(n,n'2a)Cu-68g	TALYS-6a	0	27
As-76(n,n'2a)Cu-68m	TALYS-6a	0	27
As-76(n,2n2a)Cu-67	TALYS-6a	0 [8]	21
As-76(n,n'd)Ge-74	TALYS-6a	0 [8]	36
As-76(n,n't)Ge-73g	TALYS-6a	0	30
As-76(n,n't)Ge-73m	TALYS-6a	0	29
As-76(n,n'h)Ga-73	TALYS-6a	0 [8]	26
As-76(n,n'd2a)Ni-66	TALYS-6a	0 [8]	13
As-76(n,4n)As-73	TALYS-6a	0	21
As-76(n,2np)Ge-74	TALYS-6a	0 [8]	32
As-76(n,3np)Ge-73g	TALYS-6a	0	22
As-76(n,3np)Ge-73m	TALYS-6a	0	22
As-76(n,n'2p)Ga-74g	TALYS-6a	0	26
As-76(n,n'2p)Ga-74m	TALYS-6a	0	25
As-76(n,n'pa)Zn-71g	TALYS-6a	0	27
As-76(n,n'pa)Zn-71m	TALYS-6a	0	27
As-76(n,g)As-77	MASGAM	0 [14,13]	83
As-76(n,p)Ge-76	TALYS-6a	0 [2]	100
As-76(n,d)Ge-75g	TALYS-6a	0	55
As-76(n,d)Ge-75m	TALYS-6a	0	54
As-76(n,t)Ge-74	TALYS-6a	0 [8]	53
As-76(n,h)Ga-74g	TALYS-6a	0	34
As-76(n,h)Ga-74m	TALYS-6a	0	34
As-76(n,a)Ga-73	TALYS-6a	0 [2]	100
As-76(n,2a)Cu-69	TALYS-6a	0 [8]	42
As-76(n,2p)Ga-75	TALYS-6a	0 [8]	37
As-76(n,pa)Zn-72	TALYS-6a	0 [8]	42
As-76(n,pd)Ga-74g	TALYS-6a	0	27
As-76(n,pd)Ga-74m	TALYS-6a	0	27
As-76(n,pt)Ga-73	TALYS-6a	0 [8]	27
As-76(n,da)Zn-71g	TALYS-6a	0	29
As-76(n,da)Zn-71m	TALYS-6a	0	29
As-76(n,5n)As-72	TALYS-6a	0	13
As-76(n,6n)As-71	TALYS-6a	0	9
As-76(n,2nt)Ge-72	TALYS-6a	0	23
As-76(n,ta)Zn-70	TALYS-6a	0 [8]	30
As-76(n,4np)Ge-72	TALYS-6a	0	16
As-76(n,3nd)Ge-72	TALYS-6a	0 [8]	16
As-76(n,n'da)Zn-70	TALYS-6a	0 [8]	23
As-76(n,2npa)Zn-70	TALYS-6a	0 [8]	22
+As-76(n,5np)Ge-71g	TALYS-6a	0 [4]	10
+As-76(n,5np)Ge-71m	TALYS-6a	0 [4,7,8]	9
As-76(n,6np)Ge-70	TALYS-6a	0	6
As-76(n,4na)Ga-69	TALYS-6a	0 [8]	15
As-76(n,5na)Ga-68	TALYS-6a	0 [8]	10
+As-76(n,4nd)Ge-71g	TALYS-6a	0 [4]	11
+As-76(n,4nd)Ge-71m	TALYS-6a	0 [4,7,8]	10
As-76(n,5nd)Ge-70	TALYS-6a	0 [8]	7
+As-76(n,3nt)Ge-71g	TALYS-6a	0 [4,8]	14
+As-76(n,3nt)Ge-71m	TALYS-6a	0 [4,7,8,8]	12
As-76(n,4nt)Ge-70	TALYS-6a	0	10
+As-76(n,2nh)Ga-72g	TALYS-6a	0 [4,8]	17
+As-76(n,2nh)Ga-72m	TALYS-6a	0 [4,7,8,8]	16
As-76(n,3nh)Ga-71	TALYS-6a	0 [8]	14
As-76(n,4nh)Ga-70	TALYS-6a	0 [8]	9
+As-76(n,3n2p)Ga-72g	TALYS-6a	0 [4,8]	13
+As-76(n,3n2p)Ga-72m	TALYS-6a	0 [4,7,8,8]	12
As-76(n,3n2a)Cu-66	TALYS-6a	0 [8]	14
As-76(n,3npa)Zn-69g	TALYS-6a	0	14
As-76(n,3npa)Zn-69m	TALYS-6a	0	14
+As-76(n,dt)Ga-72g	TALYS-6a	0 [4,8]	19
+As-76(n,dt)Ga-72m	TALYS-6a	0 [4,7,8,8]	18
As-76(n,n'pd)Ga-73	TALYS-6a	0 [8]	21
+As-76(n,n'pt)Ga-72g	TALYS-6a	0 [4,8]	18
+As-76(n,n'pt)Ga-72m	TALYS-6a	0 [4,7,8,8]	17
As-76(n,n'dt)Ga-71	TALYS-6a	0 [8]	15
As-76(n,n'ph)Zn-72	TALYS-6a	0 [8]	16
As-76(n,n'dh)Zn-71g	TALYS-6a	0	12
As-76(n,n'dh)Zn-71m	TALYS-6a	0	12
As-76(n,n'th)Zn-70	TALYS-6a	0 [8]	12
As-76(n,n'ta)Zn-69g	TALYS-6a	0	20
As-76(n,n'ta)Zn-69m	TALYS-6a	0	20
As-76(n,2n2p)Ga-73	TALYS-6a	0 [8]	19
As-76(n,4n2p)Ga-71	TALYS-6a	0 [8]	10
As-76(n,4n2a)Cu-65	TALYS-6a	0 [8]	10
As-76(n,4npa)Zn-68	TALYS-6a	0 [8]	11
As-77(n,2nd)Ge-74	TALYS-6a	0 [8]	24
As-77(n,2n)As-76	TALYS-6a	0	42
As-77(n,3n)As-75	TALYS-6a	0	29
As-77(n,n'a)Ga-73	TALYS-6a	0	44
+As-77(n,2na)Ga-72g	TALYS-6a	0 [4,8]	28
+As-77(n,2na)Ga-72m	TALYS-6a	0 [4,7,8,8]	27
As-77(n,3na)Ga-71	TALYS-6a	0 [8]	22
As-77(n,n'p)Ge-76	TALYS-6a	0	45
As-77(n,n'2a)Cu-69	TALYS-6a	0 [8]	26
As-77(n,2n2a)Cu-68g	TALYS-6a	0	17
As-77(n,2n2a)Cu-68m	TALYS-6a	0	17
As-77(n,n'd)Ge-75g	TALYS-6a	0	30
As-77(n,n'd)Ge-75m	TALYS-6a	0	30
As-77(n,n't)Ge-74	TALYS-6a	0 [8]	30
As-77(n,n'h)Ga-74g	TALYS-6a	0	23
As-77(n,n'h)Ga-74m	TALYS-6a	0	23
As-77(n,4n)As-74	TALYS-6a	0	19
As-77(n,2np)Ge-75g	TALYS-6a	0	29
As-77(n,2np)Ge-75m	TALYS-6a	0	29
As-77(n,3np)Ge-74	TALYS-6a	0	22
As-77(n,n'2p)Ga-75	TALYS-6a	0 [8]	24
As-77(n,n'pa)Zn-72	TALYS-6a	0 [8]	26
As-77(n,g)As-78	MASGAM	0 [14,13]	83
As-77(n,p)Ge-77g	TALYS-6a	0 [2]	74
As-77(n,p)Ge-77m	TALYS-6a	0 [2]	73
As-77(n,d)Ge-76	TALYS-6a	0 [8]	54
As-77(n,t)Ge-75g	TALYS-6a	0	42
As-77(n,t)Ge-75m	TALYS-6a	0	42
As-77(n,h)Ga-75	TALYS-6a	0 [8]	32
As-77(n,a)Ga-74g	TALYS-6a	0 [2]	76
As-77(n,a)Ga-74m	TALYS-6a	0 [2]	75
>As-77(n,2a)Cu-70g	TALYS-6a	0 [4]	31
>As-77(n,2a)Cu-70m	TALYS-6a	0 [4,7,8]	31
+As-77(n,2a)Cu-70n	TALYS-6a	0 [4,7,8]	30
As-77(n,2p)Ga-76	TALYS-6a	0 [8]	30
>As-77(n,pa)Zn-73g	TALYS-6a	0 [4,8]	32
>As-77(n,pa)Zn-73m	TALYS-6a	0 [4,7,8,8]	31
+As-77(n,pa)Zn-73n	TALYS-6a	0 [4,7,8,8]	31
As-77(n,pd)Ga-75	TALYS-6a	0 [8]	26
As-77(n,pt)Ga-74g	TALYS-6a	0	24
As-77(n,pt)Ga-74m	TALYS-6a	0	24
As-77(n,da)Zn-72	TALYS-6a	0 [8]	28
As-77(n,5n)As-73	TALYS-6a	0	14
As-77(n,6n)As-72	TALYS-6a	0	8
As-77(n,2nt)Ge-73g	TALYS-6a	0	20
As-77(n,2nt)Ge-73m	TALYS-6a	0	20
As-77(n,ta)Zn-71g	TALYS-6a	0	25
As-77(n,ta)Zn-71m	TALYS-6a	0	25
As-77(n,4np)Ge-73g	TALYS-6a	0	14
As-77(n,4np)Ge-73m	TALYS-6a	0	14
As-77(n,3nd)Ge-73g	TALYS-6a	0	15
As-77(n,3nd)Ge-73m	TALYS-6a	0	15
As-77(n,n'da)Zn-71g	TALYS-6a	0	19
As-77(n,n'da)Zn-71m	TALYS-6a	0	19
As-77(n,2npa)Zn-71g	TALYS-6a	0	17
As-77(n,2npa)Zn-71m	TALYS-6a	0	17
As-77(n,7n)As-71	TALYS-6a	0	4
As-77(n,5np)Ge-72	TALYS-6a	0	11
+As-77(n,6np)Ge-71g	TALYS-6a	0 [4]	5
+As-77(n,6np)Ge-71m	TALYS-6a	0 [4,7,8]	4
As-77(n,4na)Ga-70	TALYS-6a	0 [8]	14
As-77(n,5na)Ga-69	TALYS-6a	0 [8]	10
As-77(n,4nd)Ge-72	TALYS-6a	0	12
+As-77(n,5nd)Ge-71g	TALYS-6a	0 [4]	6
+As-77(n,5nd)Ge-71m	TALYS-6a	0 [4,7,8]	5
As-77(n,3nt)Ge-72	TALYS-6a	0	15
+As-77(n,4nt)Ge-71g	TALYS-6a	0 [4,8]	9
+As-77(n,4nt)Ge-71m	TALYS-6a	0 [4,7,8,8]	8
As-77(n,5nt)Ge-70	TALYS-6a	0 [8]	5
As-77(n,2nh)Ga-73	TALYS-6a	0 [8]	17
+As-77(n,3nh)Ga-72g	TALYS-6a	0 [4,8]	12
+As-77(n,3nh)Ga-72m	TALYS-6a	0 [4,7,8,8]	11
As-77(n,4nh)Ga-71	TALYS-6a	0 [8]	9
As-77(n,3n2p)Ga-73	TALYS-6a	0 [8]	13
As-77(n,3n2a)Cu-67	TALYS-6a	0 [8]	14
As-77(n,3npa)Zn-70	TALYS-6a	0 [8]	14
As-77(n,dt)Ga-73	TALYS-6a	0 [8]	19
As-77(n,n'pd)Ga-74g	TALYS-6a	0	18
As-77(n,n'pd)Ga-74m	TALYS-6a	0	17
As-77(n,n'pt)Ga-73	TALYS-6a	0 [8]	17
+As-77(n,n'dt)Ga-72g	TALYS-6a	0 [4,8]	13
+As-77(n,n'dt)Ga-72m	TALYS-6a	0 [4,7,8,8]	12
As-77(n,n'ph)Zn-73g	TALYS-6a	0 [4,8]	13
As-77(n,n'ph)Zn-73m	TALYS-6a	0 [4,7,8,8]	12
+As-77(n,n'ph)Zn-73n	TALYS-6a	0 [4,7,8,8]	12
As-77(n,n'ta)Zn-70	TALYS-6a	0 [8]	20
As-77(n,2n2p)Ga-74g	TALYS-6a	0	16
As-77(n,2n2p)Ga-74m	TALYS-6a	0	16
+As-77(n,4n2p)Ga-72g	TALYS-6a	0 [4,8]	8
+As-77(n,4n2p)Ga-72m	TALYS-6a	0 [4,7,8,8]	7
As-77(n,4n2a)Cu-66	TALYS-6a	0 [8]	9
As-77(n,4npa)Zn-69g	TALYS-6a	0	9
As-77(n,4npa)Zn-69m	TALYS-6a	0	9
Se-72(n,2nd)As-69	TALYS-6a	0 [8]	19
Se-72(n,2n)Se-71	IEAF-2001	0 [5,7,8]	165
Se-72(n,3n)Se-70	TALYS-6a	0	24
Se-72(n,n'a)Ge-68	TALYS-6a	0 [8]	59
Se-72(n,n'3a)Ni-60	TALYS-6a	0 [8]	23
Se-72(n,2na)Ge-67	TALYS-6a	0 [8]	29
Se-72(n,3na)Ge-66	TALYS-6a	0 [8]	19

Reaction	Library		Ref	Value
Se-72(n,n'p)As-71	TALYS-6a	0	[8]	47
Se-72(n,n'2a)Zn-64	TALYS-6a	0	[8]	36
Se-72(n,2n2a)Zn-63	TALYS-6a	0	[8]	21
Se-72(n,n'd)As-70	TALYS-6a	0	[8]	29
Se-72(n,n't)As-69	TALYS-6a	0		26
Se-72(n,n'h)Ge-69	TALYS-6a	0	[8]	28
Se-72(n,n'd2a)Cu-62	TALYS-6a	0	[8]	15
Se-72(n,n't2a)Cu-61	TALYS-6a	0	[8]	13
Se-72(n,4n)Se-69	TALYS-6a	0		13
Se-72(n,2np)As-70	TALYS-6a	0		27
Se-72(n,3np)As-69	TALYS-6a	0		18
Se-72(n,n'2p)Ge-70	TALYS-6a	0	[8]	35
Se-72(n,n'pa)Ga-67	TALYS-6a	0	[8]	33
Se-72(n,g)Se-73g	MASGAM	0	[14,13,4,6]	83
Se-72(n,g)Se-73m	MASGAM	0	[14,13,4,6]	83
Se-72(n,p)As-72	TALYS-6a	0	[2]	100
Se-72(n,d)As-71	TALYS-6a	0	[8]	57
Se-72(n,t)As-70	TALYS-6a	0	[8]	39
Se-72(n,h)Ge-70	TALYS-6a	0	[8]	55
Se-72(n,a)Ge-69	TALYS-6a	0	[2]	100
Se-72(n,2a)Zn-65	TALYS-6a	0		100
Se-72(n,3a)Ni-61	TALYS-6a	0	[8]	32
+Se-72(n,2p)Ge-71g	TALYS-6a	0	[4,8]	57
+Se-72(n,2p)Ge-71m	TALYS-6a	0	[4,7,8,8]	56
Se-72(n,pa)Ga-68	TALYS-6a	0	[8]	57
Se-72(n,t2a)Cu-62	TALYS-6a	0	[8]	19
Se-72(n,d2a)Cu-63	TALYS-6a	0	[8]	25
Se-72(n,pd)Ge-70	TALYS-6a	0	[8]	39
Se-72(n,pt)Ge-69	TALYS-6a	0	[8]	29
Se-72(n,da)Ga-67	TALYS-6a	0	[8]	36
Se-72(n,2nt)As-68	TALYS-6a	0		15
Se-72(n,ta)Ga-66	TALYS-6a	0	[8]	28
Se-72(n,4np)As-68	TALYS-6a	0		11
Se-72(n,3nd)As-68	TALYS-6a	0		12
Se-72(n,n'da)Ga-66	TALYS-6a	0	[8]	22
Se-72(n,2npa)Ga-66	TALYS-6a	0	[8]	20
Se-72(n,4na)Ge-65	TALYS-6a	0	[8]	11
Se-72(n,3nt)As-67	TALYS-6a	0	[8]	9
Se-72(n,2nh)Ge-68	TALYS-6a	0	[8]	20
Se-72(n,3nh)Ge-67	TALYS-6a	0	[8]	12
Se-72(n,4nh)Ge-66	TALYS-6a	0		8
Se-72(n,3n2p)Ge-68	TALYS-6a	0		15
Se-72(n,3n2a)Zn-62	TALYS-6a	0	[8]	14
Se-72(n,3npa)Ga-65	TALYS-6a	0	[8]	14
Se-72(n,n'pd)Ge-69	TALYS-6a	0	[8]	22
Se-72(n,n'pt)Ge-68	TALYS-6a	0	[8]	21
Se-72(n,n'dt)Ge-67	TALYS-6a	0	[8]	13
Se-72(n,n'ph)Ge-68	TALYS-6a	0	[8]	19
Se-72(n,n'dh)Ga-67	TALYS-6a	0	[8]	14
Se-72(n,n'th)Ga-66	TALYS-6a	0	[8]	11
Se-72(n,n'ta)Ga-65	TALYS-6a	0	[8]	19
Se-72(n,2n2p)Ge-69	TALYS-6a	0	[8]	21
Se-72(n,ph)Ga-69	TALYS-6a	0	[8]	30
Se-72(n,dh)Ga-68	TALYS-6a	0	[8]	20
Se-72(n,ha)Zn-66	TALYS-6a	0	[8]	32
Se-72(n,4n2p)Ge-67	TALYS-6a	0		9
Se-72(n,4npa)Ga-64	TALYS-6a	0	[8]	7
Se-72(n,3p)Ga-70	TALYS-6a	0	[8]	30
Se-72(n,n'3p)Ga-69	TALYS-6a	0	[8]	23
Se-72(n,3n2pa)Zn-64	TALYS-6a	0	[8]	11
Se-73(n,n')Se-73m	TALYS-6a	0		91
Se-73(n,2nd)As-70	TALYS-6a	0		21
Se-73(n,2n)Se-72	TALYS-6a	0		44
Se-73(n,3n)Se-71	TALYS-6a	0		25
Se-73(n,n'a)Ge-69	TALYS-6a	0	[8]	58
Se-73(n,n'3a)Ni-61	TALYS-6a	0	[8]	22
Se-73(n,2na)Ge-68	TALYS-6a	0	[8]	34
Se-73(n,3na)Ge-67	TALYS-6a	0	[8]	20
Se-73(n,n'p)As-72	TALYS-6a	0	[8]	47
Se-73(n,n'2a)Zn-65	TALYS-6a	0	[8]	35
Se-73(n,2n2a)Zn-64	TALYS-6a	0	[8]	25
Se-73(n,n'd)As-71	TALYS-6a	0	[8]	33
Se-73(n,n't)As-70	TALYS-6a	0		27
Se-73(n,n'h)Ge-70	TALYS-6a	0	[8]	31
Se-73(n,n'd2a)Cu-63	TALYS-6a	0	[8]	16
Se-73(n,n't2a)Cu-62	TALYS-6a	0	[8]	13
Se-73(n,4n)Se-70	TALYS-6a	0		16
Se-73(n,2np)As-71	TALYS-6a	0	[8]	30
Se-73(n,3np)As-70	TALYS-6a	0	[8]	18
+Se-73(n,n'2p)Ge-71g	TALYS-6a	0	[4,8]	33
+Se-73(n,n'2p)Ge-71m	TALYS-6a	0	[4,7,8,8]	32
Se-73(n,n'pa)Ga-68	TALYS-6a	0	[8]	32
Se-73(n,g)Se-74	MASGAM	0	[14,13]	83
Se-73(n,p)As-73	TALYS-6a	0	[2]	100
Se-73(n,d)As-72	TALYS-6a	0	[8]	57
Se-73(n,t)As-71	TALYS-6a	0	[8]	45
+Se-73(n,h)Ge-71g	TALYS-6a	0	[4,8]	49
+Se-73(n,h)Ge-71m	TALYS-6a	0	[4,7,8,8]	48
Se-73(n,a)Ge-70	TALYS-6a	0	[2]	100
Se-73(n,2a)Zn-66	TALYS-6a	0		100
Se-73(n,3a)Ni-62	TALYS-6a	0	[8]	36
Se-73(n,2p)Ge-72	TALYS-6a	0	[8]	68
Se-73(n,pa)Ga-69	TALYS-6a	0	[8]	67
Se-73(n,t2a)Cu-63	TALYS-6a	0	[8]	22
Se-73(n,d2a)Cu-64	TALYS-6a	0	[8]	24
+Se-73(n,pd)Ge-71g	TALYS-6a	0	[4,8]	36
+Se-73(n,pd)Ge-71m	TALYS-6a	0	[4,7,8,8]	35
Se-73(n,pt)Ge-70	TALYS-6a	0	[8]	34
Se-73(n,da)Ga-68	TALYS-6a	0	[8]	36
Se-73(n,5n)Se-69	TALYS-6a	0		9
Se-73(n,2nt)As-69	TALYS-6a	0	[8]	17
Se-73(n,ta)Ga-67	TALYS-6a	0	[8]	31
Se-73(n,4np)As-69	TALYS-6a	0		13
Se-73(n,3nd)As-69	TALYS-6a	0		14
Se-73(n,n'da)Ga-67	TALYS-6a	0	[8]	25
Se-73(n,2npa)Ga-67	TALYS-6a	0	[8]	23
Se-73(n,5np)As-68	TALYS-6a	0		7
Se-73(n,4na)Ge-66	TALYS-6a	0	[8]	13
Se-73(n,4nd)As-68	TALYS-6a	0		8
Se-73(n,3nt)As-68	TALYS-6a	0	[8]	10
Se-73(n,2nh)Ge-69	TALYS-6a	0	[8]	20
Se-73(n,3nh)Ge-68	TALYS-6a	0	[8]	14
Se-73(n,4nh)Ge-67	TALYS-6a	0	[8]	8
Se-73(n,3n2p)Ge-69	TALYS-6a	0		15
Se-73(n,3n2a)Zn-63	TALYS-6a	0	[8]	14
Se-73(n,3npa)Ga-66	TALYS-6a	0	[8]	14
Se-73(n,dt)Ge-69	TALYS-6a	0	[8]	22
Se-73(n,n'pd)Ge-70	TALYS-6a	0	[8]	26
Se-73(n,n'pt)Ge-69	TALYS-6a	0	[8]	21
Se-73(n,n'dt)Ge-68	TALYS-6a	0	[8]	15
Se-73(n,n'ph)Ga-69	TALYS-6a	0	[8]	21
Se-73(n,n'dh)Ga-68	TALYS-6a	0	[8]	14
Se-73(n,n'th)Ga-67	TALYS-6a	0	[8]	13
Se-73(n,n'ta)Ga-66	TALYS-6a	0	[8]	19
Se-73(n,2n2p)Ge-70	TALYS-6a	0	[8]	24
Se-73(n,ph)Ga-70	TALYS-6a	0	[8]	28
Se-73(n,dh)Ga-69	TALYS-6a	0	[8]	22
Se-73(n,ha)Zn-67	TALYS-6a	0	[8]	30
Se-73(n,4n2p)Ge-68	TALYS-6a	0	[8]	10
Se-73(n,4n2a)Zn-62	TALYS-6a	0	[8]	9
Se-73(n,4npa)Ga-65	TALYS-6a	0	[8]	9
Se-73(n,3p)Ga-71	TALYS-6a	0	[8]	31
Se-73(n,n'3p)Ga-70	TALYS-6a	0	[8]	21
Se-73(n,3n2pa)Zn-65	TALYS-6a	0	[8]	10
Se-74(n,2nd)As-71	TALYS-6a	0	[8]	20
Se-74(n,2n)Se-73g	ADL-3	4	[13,3]	44
Se-74(n,2n)Se-73m	ADL-3	4	[13,3]	44
Se-74(n,3n)Se-72	TALYS-6a	0		26
Se-74(n,n'a)Ge-70	TALYS-6a	0	[8]	56
Se-74(n,n'3a)Ni-62	TALYS-6a	0	[8]	21
Se-74(n,2na)Ge-69	TALYS-6a	0	[8]	29
Se-74(n,3na)Ge-68	TALYS-6a	0	[8]	20
Se-74(n,n'p)As-73	TALYS-6a	0	[8]	43
Se-74(n,n'2a)Zn-66	TALYS-6a	0	[8]	33
Se-74(n,2n2a)Zn-65	TALYS-6a	0	[8]	20
Se-74(n,n'd)As-72	TALYS-6a	0		29
Se-74(n,n't)As-71	TALYS-6a	0	[8]	26
+Se-74(n,n'h)Ge-71g	TALYS-6a	0	[4,8]	27
+Se-74(n,n'h)Ge-71m	TALYS-6a	0	[4,7,8,8]	26
Se-74(n,n'd2a)Cu-64	TALYS-6a	0	[8]	14
Se-74(n,n't2a)Cu-63	TALYS-6a	0	[8]	13
Se-74(n,4n)Se-71	TALYS-6a	0		15
Se-74(n,2np)As-72	TALYS-6a	0		27
Se-74(n,3np)As-71	TALYS-6a	0		18
Se-74(n,n'2p)Ge-72	TALYS-6a	0	[8]	31
Se-74(n,n'pa)Ga-69	TALYS-6a	0	[8]	30
>Se-74(n,g)Se-75	JEF-2.2	4	[13,13]	2156
Se-74(n,p)As-74	ADL-3	4	[13,3]	45
Se-74(n,d)As-73	TALYS-6a	0	[8]	51
Se-74(n,t)As-72	TALYS-6a	0	[8]	38
Se-74(n,h)Ge-72	TALYS-6a	0	[8]	44
+Se-74(n,a)Ge-71g	TALYS-6a	0	[9,4,3]	2156
+Se-74(n,a)Ge-71m	TALYS-6a	0	[7,9,4,7,3]	2156
Se-74(n,2a)Zn-67	TALYS-6a	0	[8]	51
Se-74(n,3a)Ni-63	TALYS-6a	0	[8]	27
Se-74(n,2p)Ge-73g	TALYS-6a	0		44
Se-74(n,2p)Ge-73m	TALYS-6a	0		44
Se-74(n,pa)Ga-70	TALYS-6a	0	[8]	45
Se-74(n,t2a)Cu-64	TALYS-6a	0	[8]	17
Se-74(n,d2a)Cu-65	TALYS-6a	0	[8]	21
Se-74(n,pd)Ge-72	TALYS-6a	0	[8]	34
+Se-74(n,pt)Ge-71g	TALYS-6a	0	[4,8]	28
+Se-74(n,pt)Ge-71m	TALYS-6a	0	[4,7,8,8]	27
Se-74(n,da)Ga-69	TALYS-6a	0	[8]	32
Se-74(n,5n)Se-70	TALYS-6a	0		10
Se-74(n,2nt)As-70	TALYS-6a	0	[8]	15
Se-74(n,ta)Ga-68	TALYS-6a	0	[8]	27
Se-74(n,4np)As-70	TALYS-6a	0	[8]	11
Se-74(n,3nd)As-70	TALYS-6a	0	[8]	12
Se-74(n,n'da)Ga-68	TALYS-6a	0	[8]	21
Se-74(n,2npa)Ga-68	TALYS-6a	0	[8]	19
Se-74(n,5np)As-69	TALYS-6a	0		7
Se-74(n,4na)Ge-67	TALYS-6a	0	[8]	12
Se-74(n,5na)Ge-66	TALYS-6a	0	[8]	7
Se-74(n,4nd)As-69	TALYS-6a	0		8
Se-74(n,3nt)As-69	TALYS-6a	0		11
Se-74(n,2nh)Ge-70	TALYS-6a	0	[8]	20
Se-74(n,3nh)Ge-69	TALYS-6a	0	[8]	12
Se-74(n,4nh)Ge-68	TALYS-6a	0	[8]	8
Se-74(n,3n2p)Ge-70	TALYS-6a	0	[8]	14
Se-74(n,3n2a)Zn-64	TALYS-6a	0	[8]	14
Se-74(n,3npa)Ga-67	TALYS-6a	0	[8]	14
Se-74(n,dt)Ge-70	TALYS-6a	0	[8]	21
+Se-74(n,n'pd)Ge-71g	TALYS-6a	0	[4,8]	22
+Se-74(n,n'pd)Ge-71m	TALYS-6a	0	[4,7,8,8]	21
Se-74(n,n'pt)Ge-70	TALYS-6a	0	[8]	20
Se-74(n,n'dt)Ge-69	TALYS-6a	0	[8]	13
Se-74(n,n'ph)Ga-70	TALYS-6a	0	[8]	16
Se-74(n,n'dh)Ga-69	TALYS-6a	0	[8]	13
Se-74(n,n'th)Ga-68	TALYS-6a	0	[8]	11
Se-74(n,n'ta)Ga-67	TALYS-6a	0	[8]	19
+Se-74(n,2n2p)Ge-71g	TALYS-6a	0	[4,8]	20
+Se-74(n,2n2p)Ge-71m	TALYS-6a	0	[4,7,8,8]	19
Se-74(n,ph)Ga-71	TALYS-6a	0	[8]	26
Se-74(n,dh)Ga-70	TALYS-6a	0	[8]	17
Se-74(n,ha)Zn-68	TALYS-6a	0	[8]	28
Se-74(n,4n2p)Ge-69	TALYS-6a	0		9
Se-74(n,4n2a)Zn-63	TALYS-6a	0		8
Se-74(n,4npa)Ga-66	TALYS-6a	0	[8]	8
+Se-74(n,3p)Ga-72g	TALYS-6a	0	[4,8]	25
+Se-74(n,3p)Ga-72m	TALYS-6a	0	[4,7,8,8]	24
Se-74(n,n'3p)Ga-71	TALYS-6a	0	[8]	19
Se-74(n,3n2pa)Zn-66	TALYS-6a	0	[8]	10
Se-75(n,2nd)As-72	TALYS-6a	0	[8]	20
Se-75(n,2n)Se-74	TALYS-6a	0		45
Se-75(n,3n)Se-73g	TALYS-6a	0		26
Se-75(n,3n)Se-73m	TALYS-6a	0		26

Reaction	Library	f	Refs	Value
+Se-75(n,n'a)Ge-71g	TALYS-6a	0	[4,8]	52
+Se-75(n,n'a)Ge-71m	TALYS-6a	0	[4,7,8,8]	51
Se-75(n,n'3a)Ni-63	TALYS-6a	0	[8]	18
Se-75(n,2na)Ge-70	TALYS-6a	0	[8]	33
Se-75(n,3na)Ge-69	TALYS-6a	0	[8]	20
Se-75(n,n'p)As-74	TALYS-6a	0	[8]	43
Se-75(n,n'2a)Zn-67	TALYS-6a	0	[8]	31
Se-75(n,2n2a)Zn-66	TALYS-6a	0	[8]	23
Se-75(n,n'd)As-73	TALYS-6a	0	[8]	31
Se-75(n,n't)As-72	TALYS-6a	0		27
Se-75(n,n'h)Ge-72	TALYS-6a	0	[8]	29
Se-75(n,n'd2a)Cu-65	TALYS-6a	0	[8]	15
Se-75(n,n't2a)Cu-64	TALYS-6a	0	[8]	12
Se-75(n,4n)Se-72	TALYS-6a	0		18
Se-75(n,2np)As-73	TALYS-6a	0		30
Se-75(n,3np)As-72	TALYS-6a	0		19
Se-75(n,n'2p)Ge-73g	TALYS-6a	0		29
Se-75(n,n'2p)Ge-73m	TALYS-6a	0		29
Se-75(n,n'pa)Ga-70	TALYS-6a	0	[8]	30
Se-75(n,g)Se-76	MASGAM	2	[13,12]	115
Se-75(n,p)As-75	TALYS-6a	0	[2]	100
Se-75(n,d)As-74	TALYS-6a	0	[8]	50
Se-75(n,t)As-73	TALYS-6a	0	[8]	44
Se-75(n,h)Ge-73g	TALYS-6a	0		42
Se-75(n,h)Ge-73m	TALYS-6a	0		41
Se-75(n,a)Ge-72	TALYS-6a	0	[2]	100
Se-75(n,2a)Zn-68	TALYS-6a	0		100
Se-75(n,3a)Ni-64	TALYS-6a	0	[8]	29
Se-75(n,2p)Ge-74	TALYS-6a	0	[8]	52
Se-75(n,pa)Ga-71	TALYS-6a	0	[8]	50
Se-75(n,t2a)Cu-65	TALYS-6a	0	[8]	19
Se-75(n,d2a)Cu-66	TALYS-6a	0	[8]	19
Se-75(n,pd)Ge-73g	TALYS-6a	0		31
Se-75(n,pd)Ge-73m	TALYS-6a	0		31
Se-75(n,pt)Ge-72	TALYS-6a	0	[8]	30
Se-75(n,da)Ga-70	TALYS-6a	0	[8]	31
Se-75(n,5n)Se-71	TALYS-6a	0		11
Se-75(n,6n)Se-70	TALYS-6a	0		6
Se-75(n,2nt)As-71	TALYS-6a	0	[8]	18
Se-75(n,ta)Ga-69	TALYS-6a	0	[8]	30
Se-75(n,4np)As-71	TALYS-6a	0		13
Se-75(n,3nd)As-71	TALYS-6a	0		14
Se-75(n,n'da)Ga-69	TALYS-6a	0	[8]	23
Se-75(n,2npa)Ga-69	TALYS-6a	0	[8]	22
Se-75(n,5np)As-70	TALYS-6a	0		7
Se-75(n,4na)Ge-68	TALYS-6a	0	[8]	14
Se-75(n,5na)Ge-67	TALYS-6a	0	[8]	8
Se-75(n,4nd)As-70	TALYS-6a	0	[8]	8
Se-75(n,3nt)As-70	TALYS-6a	0	[8]	11
Se-75(n,4nt)As-69	TALYS-6a	0		7
+Se-75(n,2nh)Ge-71g	TALYS-6a	0	[4,8]	19
+Se-75(n,2nh)Ge-71m	TALYS-6a	0	[4,7,8,8]	18
Se-75(n,3nh)Ge-70	TALYS-6a	0	[8]	14
Se-75(n,4nh)Ge-69	TALYS-6a	0	[8]	8
+Se-75(n,3n2p)Ge-71g	TALYS-6a	0	[4,8]	14
+Se-75(n,3n2p)Ge-71m	TALYS-6a	0	[4,7,8,8]	13
Se-75(n,3n2a)Zn-65	TALYS-6a	0	[8]	14
Se-75(n,3npa)Ga-68	TALYS-6a	0	[8]	14
+Se-75(n,dt)Ge-71g	TALYS-6a	0	[4,8]	21
+Se-75(n,dt)Ge-71m	TALYS-6a	0	[4,7,8,8]	20
Se-75(n,n'pd)Ge-72	TALYS-6a	0	[8]	24
+Se-75(n,n'pt)Ge-71g	TALYS-6a	0	[4,8]	19
+Se-75(n,n'pt)Ge-71m	TALYS-6a	0	[4,7,8,8]	18
Se-75(n,n'dt)Ge-70	TALYS-6a	0	[8]	15
Se-75(n,n'ph)Ga-71	TALYS-6a	0	[8]	18
Se-75(n,n'dh)Ga-70	TALYS-6a	0	[8]	13
Se-75(n,n'th)Ga-69	TALYS-6a	0	[8]	12
Se-75(n,n'ta)Ga-68	TALYS-6a	0	[8]	19
Se-75(n,2n2p)Ge-72	TALYS-6a	0	[8]	22
+Se-75(n,ph)Ga-72g	TALYS-6a	0	[4,8]	24
+Se-75(n,ph)Ga-72m	TALYS-6a	0	[4,7,8,8]	23
Se-75(n,dh)Ga-71	TALYS-6a	0	[8]	18
Se-75(n,ha)Zn-69g	TALYS-6a	0		26
Se-75(n,ha)Zn-69m	TALYS-6a	0		26
Se-75(n,4n2p)Ge-70	TALYS-6a	0	[8]	10
Se-75(n,4n2a)Zn-64	TALYS-6a	0	[8]	10
Se-75(n,4npa)Ga-67	TALYS-6a	0	[8]	9
Se-75(n,3p)Ga-73	TALYS-6a	0	[8]	26
+Se-75(n,n'3p)Ga-72g	TALYS-6a	0	[4,8]	17
+Se-75(n,n'3p)Ga-72m	TALYS-6a	0	[4,7,8,8]	16
Se-75(n,3n2pa)Zn-67	TALYS-6a	0	[8]	9
Se-76(n,2nd)As-73	TALYS-6a	0	[8]	20
Se-76(n,2n)Se-75	ADL-3	4	[13]	45
Se-76(n,3n)Se-74	TALYS-6a	0		27
Se-76(n,n'a)Ge-72	TALYS-6a	0	[8]	50
Se-76(n,n'3a)Ni-64	TALYS-6a	0	[8]	17
+Se-76(n,2na)Ge-71g	TALYS-6a	0	[4,8]	28
+Se-76(n,2na)Ge-71m	TALYS-6a	0	[4,7,8,8]	27
Se-76(n,3na)Ge-70	TALYS-6a	0	[8]	21
Se-76(n,n'p)As-75	TALYS-6a	0	[8]	41
Se-76(n,n'2a)Zn-68	TALYS-6a	0	[8]	30
Se-76(n,2n2a)Zn-67	TALYS-6a	0	[8]	19
Se-76(n,n'd)As-74	TALYS-6a	0	[8]	28
Se-76(n,n't)As-73	TALYS-6a	0	[8]	26
Se-76(n,n'h)Ge-73g	TALYS-6a	0		25
Se-76(n,n'h)Ge-73m	TALYS-6a	0		25
Se-76(n,n'd2a)Cu-66	TALYS-6a	0	[8]	12
Se-76(n,n't2a)Cu-65	TALYS-6a	0	[8]	12
Se-76(n,4n)Se-73g	TALYS-6a	0		16
Se-76(n,4n)Se-73m	TALYS-6a	0		16
Se-76(n,2np)As-74	TALYS-6a	0		26
Se-76(n,3np)As-73	TALYS-6a	0		18
Se-76(n,n'2p)Ge-74	TALYS-6a	0	[8]	28
Se-76(n,n'pa)Ga-71	TALYS-6a	0	[8]	28
Se-76(n,g)Se-77g	JEF-2.2	2	[13,4,6]	3193
Se-76(n,g)Se-77m	JEF-2.2	2	[13,4,6]	3193
Se-76(n,p)As-76	JEFF-3.0	4	[3,12,3]	137
Se-76(n,d)As-75	TALYS-6a	0		46
Se-76(n,t)As-74	TALYS-6a	0	[8]	37
Se-76(n,h)Ge-74	TALYS-6a	0	[8]	39
Se-76(n,a)Ge-73g	TALYS-6a	0	[2]	100
Se-76(n,a)Ge-73m	TALYS-6a	0	[2]	100
Se-76(n,2a)Zn-69g	TALYS-6a	0		41
Se-76(n,2a)Zn-69m	TALYS-6a	0		40
Se-76(n,2p)Ge-75g	TALYS-6a	0		38
Se-76(n,2p)Ge-75m	TALYS-6a	0		38
+Se-76(n,pa)Ga-72g	TALYS-6a	0	[4,8]	37
+Se-76(n,pa)Ga-72m	TALYS-6a	0	[4,7,8,8]	36
Se-76(n,t2a)Cu-66	TALYS-6a	0	[8]	15
Se-76(n,d2a)Cu-67	TALYS-6a	0	[8]	18
Se-76(n,pd)Ge-74	TALYS-6a	0	[8]	30
Se-76(n,pt)Ge-73g	TALYS-6a	0		26
Se-76(n,pt)Ge-73m	TALYS-6a	0		26
Se-76(n,da)Ga-71	TALYS-6a	0	[8]	29
Se-76(n,5n)Se-72	TALYS-6a	0		11
Se-76(n,6n)Se-71	TALYS-6a	0		5
Se-76(n,2nt)As-72	TALYS-6a	0		16
Se-76(n,ta)Ga-70	TALYS-6a	0	[8]	26
Se-76(n,4np)As-72	TALYS-6a	0		12
Se-76(n,3nd)As-72	TALYS-6a	0		13
Se-76(n,n'da)Ga-70	TALYS-6a	0	[8]	20
Se-76(n,2npa)Ga-70	TALYS-6a	0	[8]	18
Se-76(n,5np)As-71	TALYS-6a	0		8
Se-76(n,4na)Ge-69	TALYS-6a	0	[8]	13
Se-76(n,5na)Ge-68	TALYS-6a	0	[8]	8
Se-76(n,4nd)As-71	TALYS-6a	0		9
Se-76(n,3nt)As-71	TALYS-6a	0	[8]	11
Se-76(n,4nt)As-70	TALYS-6a	0		6
Se-76(n,2nh)Ge-72	TALYS-6a	0	[8]	18
+Se-76(n,3nh)Ge-71g	TALYS-6a	0	[4,8]	12
+Se-76(n,3nh)Ge-71m	TALYS-6a	0	[4,7,8,8]	11
Se-76(n,4nh)Ge-70	TALYS-6a	0	[8]	8
Se-76(n,3n2p)Ge-72	TALYS-6a	0	[8]	14
Se-76(n,3n2a)Zn-66	TALYS-6a	0	[8]	14
Se-76(n,3npa)Ga-69	TALYS-6a	0	[8]	13
Se-76(n,dt)Ge-72	TALYS-6a	0	[8]	20
Se-76(n,n'pd)Ge-73g	TALYS-6a	0		20
Se-76(n,n'pd)Ge-73m	TALYS-6a	0		20
+Se-76(n,n'dt)Ge-71g	TALYS-6a	0	[4,8]	13
+Se-76(n,n'dt)Ge-71m	TALYS-6a	0	[4,7,8,8]	12
+Se-76(n,n'ph)Ga-72g	TALYS-6a	0	[4,8]	14
+Se-76(n,n'ph)Ga-72m	TALYS-6a	0	[4,7,8,8]	13
Se-76(n,n'dh)Ga-71	TALYS-6a	0	[8]	12
Se-76(n,n'th)Ga-70	TALYS-6a	0	[8]	10
Se-76(n,n'ta)Ga-69	TALYS-6a	0	[8]	18
Se-76(n,2n2p)Ge-73g	TALYS-6a	0		18
Se-76(n,2n2p)Ge-73m	TALYS-6a	0		18
Se-76(n,ph)Ga-73	TALYS-6a	0	[8]	22
Se-76(n,ha)Zn-70	TALYS-6a	0	[8]	24
+Se-76(n,4n2p)Ge-71g	TALYS-6a	0	[4]	9
+Se-76(n,4n2p)Ge-71m	TALYS-6a	0	[4,7,8]	8
Se-76(n,4n2a)Zn-65	TALYS-6a	0	[8]	8
Se-76(n,4npa)Ga-68	TALYS-6a	0	[8]	8
Se-76(n,3p)Ga-74g	TALYS-6a	0		21
Se-76(n,3p)Ga-74m	TALYS-6a	0		21
Se-76(n,n'3p)Ga-73	TALYS-6a	0	[8]	15
Se-76(n,3n2pa)Zn-68	TALYS-6a	0	[8]	9
Se-77(n,n')Se-77m	TALYS-5	4	[3]	89
Se-77(n,2nd)As-74	TALYS-6a	0		21
Se-77(n,2n)Se-76	TALYS-6a	0		48
Se-77(n,3n)Se-75	TALYS-6a	0		28
Se-77(n,n'a)Ge-73g	TALYS-6a	0		47
Se-77(n,n'a)Ge-73m	TALYS-6a	0		47
Se-77(n,n'3a)Ni-65	TALYS-6a	0	[8]	16
Se-77(n,2na)Ge-72	TALYS-6a	0	[8]	32
+Se-77(n,3na)Ge-71g	TALYS-6a	0	[4,8]	21
+Se-77(n,3na)Ge-71m	TALYS-6a	0	[4,7,8,8]	20
Se-77(n,n'p)As-76	TALYS-6a	0	[8]	41
Se-77(n,n'2a)Zn-69g	TALYS-6a	0		28
Se-77(n,n'2a)Zn-69m	TALYS-6a	0		28
Se-77(n,2n2a)Zn-68	TALYS-6a	0	[8]	22
Se-77(n,n'd)As-75	TALYS-6a	0	[8]	31
Se-77(n,n't)As-74	TALYS-6a	0	[8]	27
Se-77(n,n'h)Ge-74	TALYS-6a	0	[8]	28
Se-77(n,n'd2a)Cu-67	TALYS-6a	0	[8]	13
Se-77(n,n't2a)Cu-66	TALYS-6a	0	[8]	11
Se-77(n,4n)Se-74	TALYS-6a	0		20
Se-77(n,2np)As-75	TALYS-6a	0		29
Se-77(n,3np)As-74	TALYS-6a	0		19
Se-77(n,n'2p)Ge-75g	TALYS-6a	0		27
Se-77(n,n'2p)Ge-75m	TALYS-6a	0		27
+Se-77(n,n'pa)Ga-72g	TALYS-6a	0	[4,8]	26
+Se-77(n,n'pa)Ga-72m	TALYS-6a	0	[4,7,8,8]	25
>Se-77(n,g)Se-78	JEF-2.2	4	[13]	5705
Se-77(n,p)As-77	TALYS-6	2		100
Se-77(n,d)As-76	TALYS-5a	2	[8]	45
Se-77(n,t)As-75	TALYS-5a	0	[8]	43
Se-77(n,h)Ge-75g	TALYS-6a	0		37
Se-77(n,h)Ge-75m	TALYS-6a	0		37
Se-77(n,a)Ge-74	TALYS-6	2	[9,3]	5677
Se-77(n,2a)Zn-70	TALYS-6a	0		45
Se-77(n,2p)Ge-76	TALYS-6a	0	[8]	43
Se-77(n,pa)Ga-73	TALYS-6a	0	[8]	41
Se-77(n,pd)Ge-75g	TALYS-6a	0		29
Se-77(n,pd)Ge-75m	TALYS-6a	0		29
Se-77(n,pt)Ge-74	TALYS-6a	0	[8]	29
+Se-77(n,da)Ga-72g	TALYS-6a	0	[4,8]	28
+Se-77(n,da)Ga-72m	TALYS-6a	0	[4,7,8,8]	27
Se-77(n,5n)Se-73g	TALYS-6a	0		12
Se-77(n,5n)Se-73m	TALYS-6a	0		12
Se-77(n,6n)Se-72	TALYS-6a	0		8
Se-77(n,2nt)As-73	TALYS-6a	0		19
Se-77(n,ta)Ga-73	TALYS-6a	0	[8]	28
Se-77(n,4np)As-73	TALYS-6a	0		14
Se-77(n,3nd)As-73	TALYS-6a	0		15
Se-77(n,n'da)Ga-71	TALYS-6a	0	[8]	22
Se-77(n,2npa)Ga-71	TALYS-6a	0	[8]	20

Reaction	Library			
Se-77(n,5np)As-72	TALYS-6a	0		8
Se-77(n,4na)Ge-70	TALYS-6a	0	[8]	15
Se-77(n,5na)Ge-69	TALYS-6a	0	[8]	9
Se-77(n,4nd)As-72	TALYS-6a	0		9
Se-77(n,5nd)As-71	TALYS-6a	0		5
Se-77(n,3nt)As-72	TALYS-6a	0	[8]	12
Se-77(n,4nt)As-71	TALYS-6a	0		8
Se-77(n,2nh)Ge-73g	TALYS-6a	0		18
Se-77(n,2nh)Ge-73m	TALYS-6a	0		18
Se-77(n,3nh)Ge-72	TALYS-6a	0	[8]	14
+Se-77(n,4nh)Ge-71g	TALYS-6a	0	[4,8]	8
+Se-77(n,4nh)Ge-71m	TALYS-6a	0	[4,7,8,8]	7
Se-77(n,3n2p)Ge-73g	TALYS-6a	0		14
Se-77(n,3n2p)Ge-73m	TALYS-6a	0		13
Se-77(n,3n2a)Zn-67	TALYS-6a	0	[8]	14
Se-77(n,3npa)Ga-70	TALYS-6a	0	[8]	13
Se-77(n,dt)Ge-73g	TALYS-6a	0		20
Se-77(n,dt)Ge-73m	TALYS-6a	0		19
Se-77(n,n'pd)Ge-74	TALYS-6a	0	[8]	23
Se-77(n,n'pt)Ge-73g	TALYS-6a	0		18
Se-77(n,n'pt)Ge-73m	TALYS-6a	0		18
Se-77(n,n'dt)Ge-72	TALYS-6a	0	[8]	15
Se-77(n,n'ph)Ga-73	TALYS-6a	0	[8]	15
+Se-77(n,n'dh)Ga-72g	TALYS-6a	0	[4,8]	12
+Se-77(n,n'dh)Ga-72m	TALYS-6a	0	[4,7,8,8]	11
Se-77(n,n'th)Ga-71	TALYS-6a	0	[8]	11
Se-77(n,n'ta)Ga-70	TALYS-6a	0	[8]	18
Se-77(n,2n2p)Ge-74	TALYS-6a	0	[8]	21
Se-77(n,ph)Ga-74g	TALYS-6a	0		21
Se-77(n,ph)Ga-74m	TALYS-6a	0		20
Se-77(n,4n2p)Ge-72	TALYS-6a	0	[8]	10
Se-77(n,4n2a)Zn-66	TALYS-6a	0	[8]	10
Se-77(n,4npa)Ga-69	TALYS-6a	0	[8]	9
Se-77(n,n'3p)Ga-74g	TALYS-6a	0		15
Se-77(n,n'3p)Ga-74m	TALYS-6a	0		15
Se-78(n,2nd)As-75	TALYS-6a	0		21
Se-78(n,2n)Se-77g	ADL-3	2	[13]	44
Se-78(n,2n)Se-77m	ADL-3	6	[13]	44
Se-78(n,3n)Se-76	TALYS-6a	0		28
Se-78(n,n'a)Ge-74	TALYS-6a	0	[8]	46
Se-78(n,2na)Ge-73g	TALYS-6a	0		28
Se-78(n,2na)Ge-73m	TALYS-6a	0		28
Se-78(n,3na)Ge-72	TALYS-6a	0	[8]	21
Se-78(n,n'p)As-77	TALYS-6a	0		40
Se-78(n,n'2a)Zn-70	TALYS-6a	0	[8]	27
Se-78(n,2n2a)Zn-69g	TALYS-6a	0		17
Se-78(n,2n2a)Zn-69m	TALYS-6a	0		17
Se-78(n,n'd)As-76	TALYS-6a	0		28
Se-78(n,n't)As-75	TALYS-6a	0		27
Se-78(n,n'h)Ge-75g	TALYS-6a	0		24
Se-78(n,n'h)Ge-75m	TALYS-6a	0		24
Se-78(n,4n)Se-75	TALYS-6a	0		17
Se-78(n,2np)As-76	TALYS-6a	0		26
Se-78(n,3np)As-75	TALYS-6a	0	[8]	18
Se-78(n,n'2p)Ge-76	TALYS-6a	0	[8]	26
Se-78(n,n'pa)Ga-73	TALYS-6a	0	[8]	25
Se-78(n,g)Se-79g	JEF-2.2	2	[14,13,4,6]	4060
Se-78(n,g)Se-79m	JEF-2.2	2	[14,13,4,6]	4060
Se-78(n,p)As-78	TALYS-6	4	[8]	66
Se-78(n,d)As-77	TALYS-6a	0	[8]	44
Se-78(n,t)As-76	TALYS-6a	0	[8]	36
Se-78(n,h)Ge-76	TALYS-6a	0	[8]	35
Se-78(n,a)Ge-75g	TALYS-5a	1		100
>Se-78(n,a)Ge-75m	TALYS-5a	1	[3]	100
Se-78(n,2a)Zn-71g	TALYS-6a	0		33
Se-78(n,2a)Zn-71m	TALYS-6a	0		34
Se-78(n,2p)Ge-77g	TALYS-6a	0		33
Se-78(n,2p)Ge-77m	TALYS-6a	0		33
Se-78(n,pa)Ga-74g	TALYS-6a	0		31
Se-78(n,pa)Ga-74m	TALYS-6a	0		31
Se-78(n,pd)Ge-76	TALYS-6a	0	[8]	28
Se-78(n,pt)Ge-75g	TALYS-6a	0		24
Se-78(n,pt)Ge-75m	TALYS-6a	0		24
Se-78(n,da)Ga-73	TALYS-6a	0	[8]	27
Se-78(n,5n)Se-74	TALYS-6a	0		13
Se-78(n,6n)Se-73g	TALYS-6a	0		7
Se-78(n,6n)Se-73m	TALYS-6a	0		7
Se-78(n,2nt)As-74	TALYS-6a	0	[8]	16
+Se-78(n,ta)Ga-72g	TALYS-6a	0	[4,8]	23
+Se-78(n,ta)Ga-72m	TALYS-6a	0	[4,7,8,8]	22
+Se-78(n,4np)As-74	TALYS-6a	0		12
Se-78(n,3nd)As-74	TALYS-6a	0	[8]	13
+Se-78(n,n'da)Ga-72g	TALYS-6a	0	[4,8]	17
+Se-78(n,n'da)Ga-72m	TALYS-6a	0	[4,7,8,8]	16
+Se-78(n,2npa)Ga-72g	TALYS-6a	0	[4,8]	16
+Se-78(n,2npa)Ga-72m	TALYS-6a	0	[4,7,8,8]	15
Se-78(n,5np)As-73	TALYS-6a	0		8
+Se-78(n,4na)Ge-71g	TALYS-6a	0	[4,8]	13
+Se-78(n,4na)Ge-71m	TALYS-6a	0	[4,7,8,8]	12
Se-78(n,5na)Ge-70	TALYS-6a	0	[8]	9
Se-78(n,4nd)As-73	TALYS-6a	0	[8]	9
Se-78(n,3nt)As-73	TALYS-6a	0	[8]	12
Se-78(n,4nt)As-72	TALYS-6a	0		7
Se-78(n,2nh)Ge-74	TALYS-6a	0	[8]	17
Se-78(n,3nh)Ge-73g	TALYS-6a	0		12
Se-78(n,3nh)Ge-73m	TALYS-6a	0		12
Se-78(n,4nh)Ge-72	TALYS-6a	0	[8]	8
Se-78(n,3n2p)Ge-74	TALYS-6a	0	[8]	13
Se-78(n,3n2a)Zn-68	TALYS-6a	0	[8]	13
Se-78(n,3npa)Ga-71	TALYS-6a	0	[8]	13
Se-78(n,dt)Ge-74	TALYS-6a	0	[8]	19
Se-78(n,n'pd)Ge-75g	TALYS-6a	0		18
Se-78(n,n'pd)Ge-75m	TALYS-6a	0		18
Se-78(n,n'pt)Ge-74	TALYS-6a	0	[8]	18
Se-78(n,n'dt)Ge-73g	TALYS-6a	0		13
Se-78(n,n'dt)Ge-73m	TALYS-6a	0		13
Se-78(n,n'ph)Ga-74g	TALYS-6a	0		13
Se-78(n,n'ph)Ga-74m	TALYS-6a	0		13
Se-78(n,n'dh)Ga-73	TALYS-6a	0	[8]	11
Se-78(n,n'ta)Ga-71	TALYS-6a	0	[8]	17
Se-78(n,2n2p)Ge-75g	TALYS-6a	0		16
Se-78(n,2n2p)Ge-75m	TALYS-6a	0		16
Se-78(n,4n2p)Ge-73g	TALYS-6a	0		8
Se-78(n,4n2p)Ge-73m	TALYS-6a	0		8
Se-78(n,4n2a)Zn-67	TALYS-6a	0	[8]	8
Se-78(n,4npa)Ga-70	TALYS-6a	0	[8]	8
Se-78(n,n'3p)Ga-75	TALYS-6a	0	[8]	14
Se-79(n,n')Se-79m	TALYS-6a	0		90
Se-79(n,2nd)As-76	TALYS-6a	0		21
Se-79(n,2n)Se-78	TALYS-6a	0		50
Se-79(n,3n)Se-77g	TALYS-6a	0		29
Se-79(n,3n)Se-77m	TALYS-6a	0		29
Se-79(n,n'a)Ge-75g	TALYS-6a	0		44
Se-79(n,n'a)Ge-75m	TALYS-6a	0		44
Se-79(n,2na)Ge-74	TALYS-6a	0	[8]	31
Se-79(n,3na)Ge-73g	TALYS-6a	0		21
Se-79(n,3na)Ge-73m	TALYS-6a	0		21
Se-79(n,n'p)As-78	TALYS-6a	0		40
Se-79(n,n'2a)Zn-71g	TALYS-6a	0		25
Se-79(n,n'2a)Zn-71m	TALYS-6a	0		25
Se-79(n,2n2a)Zn-70	TALYS-6a	0	[8]	19
Se-79(n,n'd)As-77	TALYS-6a	0		31
Se-79(n,n't)As-76	TALYS-6a	0	[8]	27
Se-79(n,n'h)Ge-76	TALYS-6a	0	[8]	26
Se-79(n,4n)Se-76	TALYS-6a	0		21
Se-79(n,2np)As-77	TALYS-6a	0		29
Se-79(n,3np)As-76	TALYS-6a	0		19
Se-79(n,n'2p)Ge-77g	TALYS-6a	0		25
Se-79(n,n'2p)Ge-77m	TALYS-6a	0		25
Se-79(n,n'pa)Ga-74g	TALYS-6a	0		24
Se-79(n,n'pa)Ga-74m	TALYS-6a	0		24
Se-79(n,g)Se-80	MASGAM	1	[14,13]	83
Se-79(n,p)As-79	TALYS-6a	0	[2,8]	76
Se-79(n,d)As-78	TALYS-6a	0	[8]	44
Se-79(n,t)As-77	TALYS-6a	0	[8]	42
Se-79(n,h)Ge-77g	TALYS-6a	0		33
Se-79(n,h)Ge-77m	TALYS-6a	0		33
Se-79(n,a)Ge-76	TALYS-6a	0	[2]	100
Se-79(n,2a)Zn-72	TALYS-6a	0	[8]	37
Se-79(n,2p)Ge-78	TALYS-6a	0	[8]	37
Se-79(n,pa)Ga-75	TALYS-6a	0	[8]	34
Se-79(n,pd)Ge-77g	TALYS-6a	0		27
Se-79(n,pd)Ge-77m	TALYS-6a	0		27
Se-79(n,pt)Ge-76	TALYS-6a	0	[8]	27
Se-79(n,da)Ga-74g	TALYS-6a	0		26
Se-79(n,da)Ga-74m	TALYS-6a	0		25
Se-79(n,5n)Se-75	TALYS-6a	0		13
Se-79(n,6n)Se-74	TALYS-6a	0		9
Se-79(n,2nt)As-75	TALYS-6a	0	[8]	19
Se-79(n,ta)Ga-73	TALYS-6a	0	[8]	26
Se-79(n,4np)As-75	TALYS-6a	0		14
Se-79(n,3nd)As-75	TALYS-6a	0		15
Se-79(n,n'da)Ga-73	TALYS-6a	0	[8]	20
Se-79(n,2npa)Ga-73	TALYS-6a	0	[8]	18
Se-79(n,5np)As-74	TALYS-6a	0		9
Se-79(n,6np)As-73	TALYS-6a	0		5
Se-79(n,4na)Ge-72	TALYS-6a	0	[8]	15
+Se-79(n,5na)Ge-71g	TALYS-6a	0	[4,8]	9
+Se-79(n,5na)Ge-71m	TALYS-6a	0	[4,7,8,8]	8
Se-79(n,4nd)As-74	TALYS-6a	0		10
Se-79(n,5nd)As-73	TALYS-6a	0		6
Se-79(n,3nt)As-74	TALYS-6a	0		13
Se-79(n,4nt)As-73	TALYS-6a	0		9
Se-79(n,2nh)Ge-75g	TALYS-6a	0		17
Se-79(n,2nh)Ge-75m	TALYS-6a	0		17
Se-79(n,3nh)Ge-74	TALYS-6a	0	[8]	14
Se-79(n,4nh)Ge-73g	TALYS-6a	0		9
Se-79(n,4nh)Ge-73m	TALYS-6a	0		8
Se-79(n,3n2p)Ge-75g	TALYS-6a	0		13
Se-79(n,3n2p)Ge-75m	TALYS-6a	0		13
Se-79(n,3n2a)Zn-69g	TALYS-6a	0		13
Se-79(n,3n2a)Zn-69m	TALYS-6a	0		13
+Se-79(n,3npa)Ga-72g	TALYS-6a	0	[4,8]	12
+Se-79(n,3npa)Ga-72m	TALYS-6a	0	[4,7,8,8]	11
Se-79(n,dt)Ge-75g	TALYS-6a	0		19
Se-79(n,dt)Ge-75m	TALYS-6a	0		19
Se-79(n,n'pd)Ge-76	TALYS-6a	0	[8]	21
Se-79(n,n'pt)Ge-75g	TALYS-6a	0		17
Se-79(n,n'pt)Ge-75m	TALYS-6a	0		17
Se-79(n,n'dt)Ge-74	TALYS-6a	0	[8]	14
Se-79(n,n'ph)Ga-75	TALYS-6a	0	[8]	14
+Se-79(n,n'ta)Ga-72g	TALYS-6a	0	[4,8]	16
+Se-79(n,n'ta)Ga-72m	TALYS-6a	0	[4,7,8,8]	15
Se-79(n,2n2p)Ge-76	TALYS-6a	0	[8]	19
Se-79(n,4n2p)Ge-74	TALYS-6a	0	[8]	10
Se-79(n,4n2a)Zn-68	TALYS-6a	0	[8]	10
Se-79(n,4npa)Ga-71	TALYS-6a	0	[8]	9
Se-80(n,2nd)As-77	TALYS-6a	0		21
Se-80(n,2n)Se-79g	ADL-3	4	[13]	45
Se-80(n,2n)Se-79m	ADL-3	6	[13]	45
Se-80(n,3n)Se-78	TALYS-6a	0		29
Se-80(n,n'a)Ge-76	TALYS-6a	0	[8]	44
Se-80(n,2na)Ge-75g	TALYS-6a	0		28
Se-80(n,2na)Ge-75m	TALYS-6a	0		28
Se-80(n,3na)Ge-74	TALYS-6a	0	[8]	21
Se-80(n,n'p)As-79	TALYS-6a	0		38
Se-80(n,n'2a)Zn-72	TALYS-6a	0	[8]	24
Se-80(n,2n2a)Zn-71g	TALYS-6a	0		15
Se-80(n,2n2a)Zn-71m	TALYS-6a	0		15
Se-80(n,n'd)As-78	TALYS-6a	0		28
Se-80(n,n't)As-77	TALYS-6a	0		27
Se-80(n,n'h)Ge-77g	TALYS-6a	0		22
Se-80(n,n'h)Ge-77m	TALYS-6a	0		22
Se-80(n,4n)Se-77g	TALYS-6a	0		19
Se-80(n,4n)Se-77m	TALYS-6a	0		19
Se-80(n,2np)As-78	TALYS-6a	0		26
Se-80(n,3np)As-77	TALYS-6a	0		19
Se-80(n,n'2p)Ge-78	TALYS-6a	0	[8]	24

Reaction	Library			Value
Se-80(n,n'pa)Ga-75	TALYS-6a	0	[8]	23
Se-80(n,g)Se-81g	JEF-2.2	4	[13,13,4,6,4]	1805
Se-80(n,g)Se-81m	JEF-2.2	3	[13,13,4,6,4]	1805
Se-80(n,p)As-80	TALYS-5a	6	[3,8]	59
Se-80(n,d)As-79	TALYS-6a	0	[8]	42
Se-80(n,t)As-78	TALYS-5	5	[8]	36
Se-80(n,h)Ge-78	TALYS-6a	0	[8]	31
Se-80(n,a)Ge-77g	JEF-2.2	2	[13,4,3]	97
Se-80(n,a)Ge-77m	JEF-2.2	2	[13,4,7,8,3]	95
Se-80(n,2p)Ge-79g	TALYS-6a	0		30
Se-80(n,2p)Ge-79m	TALYS-6a	0		29
Se-80(n,pa)Ga-76	TALYS-6a	0	[8]	28
Se-80(n,pd)Ge-78	TALYS-6a	0	[8]	26
Se-80(n,pt)Ge-77g	TALYS-6a	0		23
Se-80(n,pt)Ge-77m	TALYS-6a	0		23
Se-80(n,da)Ga-75	TALYS-6a	0	[8]	24
Se-80(n,5n)Se-76	TALYS-6a	0		14
Se-80(n,6n)Se-75	TALYS-6a	0		8
Se-80(n,2nt)As-76	TALYS-6a	0	[8]	17
Se-80(n,ta)Ga-74g	TALYS-6a	0		22
Se-80(n,ta)Ga-74m	TALYS-6a	0		21
Se-80(n,4np)As-76	TALYS-6a	0		13
Se-80(n,3nd)As-76	TALYS-6a	0		14
Se-80(n,n'da)Ga-74g	TALYS-6a	0		16
Se-80(n,n'da)Ga-74m	TALYS-6a	0		16
Se-80(n,2npa)Ga-74g	TALYS-6a	0		15
Se-80(n,2npa)Ga-74m	TALYS-6a	0		15
Se-80(n,7n)Se-74	TALYS-6a	0		4
Se-80(n,5np)As-75	TALYS-6a	0		9
Se-80(n,4na)Ge-73g	TALYS-6a	0		14
Se-80(n,4na)Ge-73m	TALYS-6a	0		13
Se-80(n,5na)Ge-72	TALYS-6a	0	[8]	10
Se-80(n,4nd)As-75	TALYS-6a	0		10
Se-80(n,5nd)As-74	TALYS-6a	0		5
Se-80(n,3nt)As-75	TALYS-6a	0		13
Se-80(n,4nt)As-74	TALYS-6a	0		8
Se-80(n,2nh)Ge-76	TALYS-6a	0	[8]	16
Se-80(n,3nh)Ge-75g	TALYS-6a	0		12
Se-80(n,3nh)Ge-75m	TALYS-6a	0		12
Se-80(n,4nh)Ge-74	TALYS-6a	0		9
Se-80(n,3n2p)Ge-76	TALYS-6a	0	[8]	13
Se-80(n,3n2a)Zn-70	TALYS-6a	0	[8]	13
Se-80(n,3npa)Ga-73	TALYS-6a	0	[8]	12
Se-80(n,dt)Ge-76	TALYS-6a	0	[8]	18
Se-80(n,n'pd)Ge-77g	TALYS-6a	0		17
Se-80(n,n'pd)Ge-77m	TALYS-6a	0		17
Se-80(n,n'pt)Ge-76	TALYS-6a	0	[8]	17
Se-80(n,n'dt)Ge-75g	TALYS-6a	0		13
Se-80(n,n'dt)Ge-75m	TALYS-6a	0		13
Se-80(n,n'ph)Ga-76	TALYS-6a	0	[8]	12
Se-80(n,n'ta)Ga-73	TALYS-6a	0	[8]	16
Se-80(n,2n2p)Ge-77g	TALYS-6a	0		16
Se-80(n,2n2p)Ge-77m	TALYS-6a	0		16
Se-80(n,4n2p)Ge-75g	TALYS-6a	0		8
Se-80(n,4n2p)Ge-75m	TALYS-6a	0		8
Se-80(n,4n2a)Zn-69g	TALYS-6a	0		7
Se-80(n,4n2a)Zn-69m	TALYS-6a	0		8
+Se-80(n,4npa)Ga-72g	TALYS-6a	0	[4,8]	7
+Se-80(n,4npa)Ga-72m	TALYS-6a	0	[4,7,8,8]	6
Se-82(n,2nd)As-79	TALYS-6a	0		21
Se-82(n,2n)Se-81g	ADL-3	5	[13,3]	45
Se-82(n,2n)Se-81m	ADL-3	2	[13,3]	45
Se-82(n,3n)Se-80	TALYS-6a	0		30
Se-82(n,n'a)Ge-78	TALYS-6a	0	[8]	41
Se-82(n,2na)Ge-77g	TALYS-6a	0		27
Se-82(n,2na)Ge-77m	TALYS-6a	0		27
Se-82(n,3na)Ge-76	TALYS-6a	0	[8]	21
Se-82(n,n'p)As-81	TALYS-6a	0		36
Se-82(n,n'2a)Zn-74	TALYS-6a	0	[8]	21
Se-82(n,2n2a)Zn-73g	TALYS-6a	0	[4,8]	14
Se-82(n,2n2a)Zn-73m	TALYS-6a	0	[4,7,8,8]	13
+Se-82(n,2n2a)Zn-73n	TALYS-6a	0	[4,7,8,8]	13
Se-82(n,n'd)As-80	TALYS-6a	0	[8]	27
Se-82(n,n't)As-79	TALYS-6a	0		27
Se-82(n,n'h)Ge-79g	TALYS-6a	0		21
Se-82(n,n'h)Ge-79m	TALYS-6a	0		21
Se-82(n,4n)Se-79g	TALYS-6a	0		20
Se-82(n,4n)Se-79m	TALYS-6a	0		20
Se-82(n,2np)As-80	TALYS-6a	0		25
Se-82(n,3np)As-79	TALYS-6a	0		19
Se-82(n,n'2p)Ge-80	TALYS-6a	0	[8]	21
Se-82(n,n'pa)Ga-77	TALYS-6a	0	[8]	20
>Se-82(n,g)Se-83g	ENDF/B-VII	2	[13,4,6]	2149
>Se-82(n,g)Se-83m	ENDF/B-VII	2	[13,4,6]	2149
Se-82(n,p)As-82g	TALYS-6a	0	[4,2,8,7,8]	51
Se-82(n,p)As-82m	TALYS-6a	0	[4,7,8,2,8]	49
Se-82(n,d)As-81	TALYS-6a	0	[8]	40
Se-82(n,t)As-80	TALYS-6a	0	[8]	35
Se-82(n,h)Ge-80	TALYS-6a	0	[8]	29
Se-82(n,a)Ge-79g	TALYS-6a	0	[2]	64
Se-82(n,a)Ge-79m	TALYS-6a	0	[2]	63
Se-82(n,2p)Ge-81g	TALYS-6a	0		26
Se-82(n,2p)Ge-81m	TALYS-6a	0		26
Se-82(n,pa)Ga-78	TALYS-6a	0	[8]	26
Se-82(n,pd)Ge-80	TALYS-6a	0	[8]	23
Se-82(n,da)Ga-77	TALYS-6a	0	[8]	22
Se-82(n,5n)Se-78	TALYS-6a	0		15
Se-82(n,6n)Se-77g	TALYS-6a	0		10
Se-82(n,6n)Se-77m	TALYS-6a	0		9
Se-82(n,2nt)As-78	TALYS-6a	0	[8]	17
Se-82(n,ta)Ga-76	TALYS-6a	0	[8]	19
Se-82(n,4np)As-78	TALYS-6a	0		13
Se-82(n,3nd)As-78	TALYS-6a	0		14
Se-82(n,n'da)Ga-76	TALYS-6a	0	[8]	15
Se-82(n,2npa)Ga-76	TALYS-6a	0	[8]	14
Se-82(n,7n)Se-76	TALYS-6a	0		6
Se-82(n,5np)As-77	TALYS-6a	0		10
Se-82(n,4na)Ge-75g	TALYS-6a	0		14
Se-82(n,4na)Ge-75m	TALYS-6a	0		14
Se-82(n,5na)Ge-74	TALYS-6a	0	[8]	10
Se-82(n,4nd)As-77	TALYS-6a	0		11
Se-82(n,5nd)As-76	TALYS-6a	0		6
Se-82(n,3nt)As-77	TALYS-6a	0	[8]	13
Se-82(n,4nt)As-76	TALYS-6a	0	[8]	8
Se-82(n,5nt)As-75	TALYS-6a	0		5
Se-82(n,2nh)Ge-78	TALYS-6a	0	[8]	16
Se-82(n,3nh)Ge-77g	TALYS-6a	0		12
Se-82(n,3nh)Ge-77m	TALYS-6a	0		11
Se-82(n,4nh)Ge-76	TALYS-6a	0	[8]	8
Se-82(n,3n2p)Ge-78	TALYS-6a	0	[8]	12
Se-82(n,3n2a)Zn-72	TALYS-6a	0	[8]	11
Se-82(n,3npa)Ga-75	TALYS-6a	0	[8]	11
Se-82(n,n'pd)Ge-79g	TALYS-6a	0		16
Se-82(n,n'pd)Ge-79m	TALYS-6a	0		16
Se-82(n,n'pt)Ge-78	TALYS-6a	0	[8]	16
Se-82(n,n'dt)Ge-77g	TALYS-6a	0		12
Se-82(n,n'dt)Ge-77m	TALYS-6a	0		12
Se-82(n,n'ta)Ga-75	TALYS-6a	0	[8]	15
Se-82(n,2n2p)Ge-79g	TALYS-6a	0		15
Se-82(n,2n2p)Ge-79m	TALYS-6a	0		15
Se-82(n,4n2p)Ge-77g	TALYS-6a	0		8
Se-82(n,4n2p)Ge-77m	TALYS-6a	0		7
Br-76(n,n')Br-76m	TALYS-6a	0		89
Br-76(n,2nd)Se-73g	TALYS-6a	0		22
Br-76(n,2nd)Se-73m	TALYS-6a	0		22
Br-76(n,2n)Br-75	TALYS-6a	0		43
Br-76(n,3n)Br-74g	TALYS-6a	0		25
Br-76(n,3n)Br-74m	TALYS-6a	0		25
Br-76(n,n'a)As-72	TALYS-6a	0	[8]	53
Br-76(n,n'3a)Cu-64	TALYS-6a	0	[8]	21
Br-76(n,2na)As-71	TALYS-6a	0	[8]	31
Br-76(n,3na)As-70	TALYS-6a	0	[8]	19
Br-76(n,n'p)Se-75	TALYS-6a	0	[8]	57
Br-76(n,n'2a)Ga-68	TALYS-6a	0	[8]	32
Br-76(n,2n2a)Ga-67	TALYS-6a	0	[8]	23
Br-76(n,n'd)Se-74	TALYS-6a	0	[8]	37
Br-76(n,n't)Se-73g	TALYS-6a	0		28
Br-76(n,n't)Se-73m	TALYS-6a	0		28
Br-76(n,n'h)As-73	TALYS-6a	0	[8]	30
Br-76(n,n'd2a)Zn-66	TALYS-6a	0	[8]	16
Br-76(n,n't2a)Zn-65	TALYS-6a	0	[8]	14
Br-76(n,4n)Br-73	TALYS-6a	0		16
Br-76(n,2np)Se-74	TALYS-6a	0		34
Br-76(n,3np)Se-73g	TALYS-6a	0		21
Br-76(n,3np)Se-73m	TALYS-6a	0		21
Br-76(n,n'2p)As-74	TALYS-6a	0	[8]	31
+Br-76(n,n'pa)Ge-71g	TALYS-6a	0	[4,8]	34
+Br-76(n,n'pa)Ge-71m	TALYS-6a	0	[4,7,8,8]	33
Br-76(n,g)Br-77g	MASGAM	0	[14,13,4,6]	83
Br-76(n,g)Br-77m	MASGAM	0	[14,13,4,6]	83
Br-76(n,p)Se-76	TALYS-5	2	[10]	100
Br-76(n,d)Se-75	TALYS-6a	0	[8]	67
Br-76(n,t)Se-74	TALYS-6a	0	[8]	56
Br-76(n,h)As-74	TALYS-6a	0	[8]	44
Br-76(n,a)As-73	TALYS-6a	0	[2]	100
Br-76(n,2a)Ga-69	TALYS-6a	0		100
Br-76(n,3a)Cu-65	TALYS-6a	0	[8]	32
Br-76(n,2p)As-75	TALYS-6a	0	[8]	60
Br-76(n,pa)Ge-72	TALYS-6a	0		100
Br-76(n,t2a)Zn-66	TALYS-6a	0	[8]	23
Br-76(n,d2a)Zn-67	TALYS-6a	0	[8]	24
Br-76(n,pd)As-74	TALYS-6a	0	[8]	33
Br-76(n,pt)As-73	TALYS-6a	0	[8]	31
+Br-76(n,da)Ge-71g	TALYS-6a	0	[4,8]	37
+Br-76(n,da)Ge-71m	TALYS-6a	0	[4,7,8,8]	36
Br-76(n,5n)Br-72g	TALYS-6a	0		9
Br-76(n,5n)Br-72m	TALYS-6a	0		9
Br-76(n,2nt)Se-72	TALYS-6a	0	[8]	20
Br-76(n,ta)Ge-70	TALYS-6a	0	[8]	34
Br-76(n,4np)Se-72	TALYS-6a	0		14
Br-76(n,3nd)Se-72	TALYS-6a	0		15
Br-76(n,n'da)Ge-70	TALYS-6a	0	[8]	27
Br-76(n,2npa)Ge-70	TALYS-6a	0	[8]	25
Br-76(n,5np)Se-71	TALYS-6a	0		8
Br-76(n,4na)As-69	TALYS-6a	0	[8]	13
Br-76(n,4nd)Se-71	TALYS-6a	0		9
Br-76(n,3nt)Se-71	TALYS-6a	0		12
Br-76(n,2nh)As-72	TALYS-6a	0	[8]	19
Br-76(n,3nh)As-71	TALYS-6a	0	[8]	14
Br-76(n,4nh)As-70	TALYS-6a	0	[8]	8
Br-76(n,3n2p)As-72	TALYS-6a	0	[8]	14
Br-76(n,3n2a)Ga-66	TALYS-6a	0	[8]	14
Br-76(n,3npa)Ge-69	TALYS-6a	0	[8]	15
Br-76(n,dt)As-72	TALYS-6a	0	[8]	21
Br-76(n,n'pd)As-73	TALYS-6a	0	[8]	25
Br-76(n,n'pt)As-72	TALYS-6a	0	[8]	20
Br-76(n,n'dt)As-71	TALYS-6a	0	[8]	14
Br-76(n,n'ph)Ge-72	TALYS-6a	0	[8]	22
+Br-76(n,n'dh)Ge-71g	TALYS-6a	0	[4,8]	14
+Br-76(n,n'dh)Ge-71m	TALYS-6a	0	[4,7,8,8]	13
Br-76(n,n'th)Ge-70	TALYS-6a	0	[8]	13
Br-76(n,n'ta)Ge-69	TALYS-6a	0	[8]	21
Br-76(n,2n2p)As-73	TALYS-6a	0	[8]	23
Br-76(n,ph)Ge-73g	TALYS-6a	0		29
Br-76(n,ph)Ge-73m	TALYS-6a	0		29
Br-76(n,dh)Ge-72	TALYS-6a	0	[8]	23
Br-76(n,ha)Ga-70	TALYS-6a	0		28
Br-76(n,4n2p)As-71	TALYS-6a	0	[8]	10
Br-76(n,4n2a)Ga-65	TALYS-6a	0	[8]	9
Br-76(n,4npa)Ge-68	TALYS-6a	0	[8]	10
Br-76(n,3p)Ge-74	TALYS-6a	0	[8]	33
Br-76(n,n'3p)Ge-73g	TALYS-6a	0		22
Br-76(n,n'3p)Ge-73m	TALYS-6a	0		21
Br-76(n,3n2pa)Ga-68	TALYS-6a	0	[8]	10
Br-77(n,n')Br-77m	TALYS-6a	0		89
Br-77(n,2nd)Se-74	TALYS-6a	0		24
Br-77(n,2n)Br-76g	TALYS-6a	0		39
Br-77(n,2n)Br-76m	TALYS-6a	0		39

Reaction	Library			
Br-77(n,3n)Br-75	TALYS-6a	0		26
Br-77(n,n'a)As-73	TALYS-6a	0	[8]	52
Br-77(n,n'3a)Cu-65	TALYS-6a	0	[8]	20
Br-77(n,2na)As-72	TALYS-6a	0	[8]	29
Br-77(n,3na)As-71	TALYS-6a	0	[8]	20
Br-77(n,n'p)Se-76	TALYS-6a	0	[8]	57
Br-77(n,n'2a)Ga-69	TALYS-6a	0	[8]	31
Br-77(n,2n2a)Ga-68	TALYS-6a	0	[8]	20
Br-77(n,n'd)Se-75	TALYS-6a	0	[8]	31
Br-77(n,n't)Se-74	TALYS-6a	0	[8]	29
Br-77(n,n'h)As-74	TALYS-6a	0	[8]	27
Br-77(n,n'd2a)Zn-67	TALYS-6a	0	[8]	14
Br-77(n,n't2a)Zn-66	TALYS-6a	0	[8]	14
Br-77(n,4n)Br-74g	TALYS-6a	0		15
Br-77(n,4n)Br-74m	TALYS-6a	0		15
Br-77(n,2np)Se-75	TALYS-6a	0		30
Br-77(n,3np)Se-74	TALYS-6a	0		22
Br-77(n,n'2p)As-75	TALYS-6a	0	[8]	30
Br-77(n,n'pa)Ge-72	TALYS-6a	0	[8]	33
Br-77(n,g)Br-78	MASGAM	0	[14,13]	83
Br-77(n,p)Se-77g	TALYS-6a	0	[2]	100
Br-77(n,p)Se-77m	TALYS-6a	0	[2]	100
Br-77(n,d)Se-76	TALYS-6a	0	[8]	67
Br-77(n,t)Se-75	TALYS-6a	0	[8]	44
Br-77(n,h)As-75	TALYS-6a	0	[8]	43
Br-77(n,a)As-74	TALYS-6a	0	[2]	100
Br-77(n,2a)Ga-70	TALYS-6a	0	[8]	48
Br-77(n,3a)Cu-66	TALYS-6a	0	[8]	26
Br-77(n,2p)As-76	TALYS-6a	0	[8]	43
Br-77(n,pa)Ge-73g	TALYS-6a	0		50
Br-77(n,pa)Ge-73m	TALYS-6a	0		49
Br-77(n,t2a)Zn-67	TALYS-6a	0	[8]	18
Br-77(n,d2a)Zn-68	TALYS-6a	0	[8]	23
Br-77(n,pd)As-75	TALYS-6a	0	[8]	32
Br-77(n,pt)As-74	TALYS-6a	0	[8]	27
Br-77(n,da)Ge-72	TALYS-6a	0	[8]	36
Br-77(n,5n)Br-73	TALYS-6a	0		10
Br-77(n,2nt)Se-73g	TALYS-6a	0		17
Br-77(n,2nt)Se-73m	TALYS-6a	0		17
+Br-77(n,ta)Ge-71g	TALYS-6a	0	[4,8]	29
+Br-77(n,ta)Ge-71m	TALYS-6a	0	[4,7,8,8]	28
Br-77(n,4np)Se-73g	TALYS-6a	0		13
Br-77(n,4np)Se-73m	TALYS-6a	0		13
Br-77(n,3nd)Se-73g	TALYS-6a	0		14
Br-77(n,3nd)Se-73m	TALYS-6a	0		14
+Br-77(n,n'da)Ge-71g	TALYS-6a	0	[4,8]	23
+Br-77(n,n'da)Ge-71m	TALYS-6a	0	[4,7,8,8]	22
+Br-77(n,2npa)Ge-71g	TALYS-6a	0	[4,8]	21
+Br-77(n,2npa)Ge-71m	TALYS-6a	0	[4,7,8,8]	20
Br-77(n,5np)Se-72	TALYS-6a	0		9
Br-77(n,4na)As-70	TALYS-6a	0	[8]	12
Br-77(n,5na)As-69	TALYS-6a	0	[8]	7
Br-77(n,4nd)Se-72	TALYS-6a	0		10
Br-77(n,3nt)Se-72	TALYS-6a	0		13
Br-77(n,4nt)Se-71	TALYS-6a	0	[8]	6
Br-77(n,2nh)As-73	TALYS-6a	0	[8]	18
Br-77(n,3nh)As-72	TALYS-6a	0	[8]	12
Br-77(n,4nh)As-71	TALYS-6a	0	[8]	8
Br-77(n,3n2p)As-73	TALYS-6a	0	[8]	14
Br-77(n,3n2a)Ga-67	TALYS-6a	0	[8]	14
Br-77(n,3npa)Ge-70	TALYS-6a	0	[8]	15
Br-77(n,dt)As-73	TALYS-6a	0	[8]	21
Br-77(n,n'pd)As-74	TALYS-6a	0	[8]	21
Br-77(n,n'pt)As-73	TALYS-6a	0	[8]	19
Br-77(n,n'dt)As-72	TALYS-6a	0	[8]	13
Br-77(n,n'ph)Ge-73g	TALYS-6a	0		18
Br-77(n,n'ph)Ge-73m	TALYS-6a	0		17
Br-77(n,n'dh)Ge-72	TALYS-6a	0	[8]	14
+Br-77(n,n'th)Ge-71g	TALYS-6a	0	[4,8]	12
+Br-77(n,n'th)Ge-71m	TALYS-6a	0	[4,7,8,8]	11
Br-77(n,n'ta)Ge-70	TALYS-6a	0	[8]	21
Br-77(n,2n2p)As-74	TALYS-6a	0	[8]	19
Br-77(n,ph)Ge-74	TALYS-6a	0	[8]	28
Br-77(n,dh)Ge-73g	TALYS-6a	0		19
Br-77(n,dh)Ge-73m	TALYS-6a	0		18
Br-77(n,ha)Ga-71	TALYS-6a	0	[8]	27
Br-77(n,4n2p)As-72	TALYS-6a	0		9
Br-77(n,4n2a)Ga-66	TALYS-6a	0	[8]	8
Br-77(n,4npa)Ge-69	TALYS-6a	0	[8]	9
Br-77(n,3p)Ge-75g	TALYS-6a	0		27
Br-77(n,3p)Ge-75m	TALYS-6a	0		27
Br-77(n,n'3p)Ge-74	TALYS-6a	0	[8]	21
Br-77(n,3n2pa)Ga-69	TALYS-6a	0	[8]	9
Br-79(n,n')Br-79m	ADL-3	4	[13]	45
Br-79(n,2nd)Se-76	TALYS-6a	0		24
Br-79(n,2n)Br-78	ADL-3	6	[13]	45
Br-79(n,3n)Br-77g	TALYS-6a	0		27
Br-79(n,3n)Br-77m	TALYS-6a	0		27
Br-79(n,n'a)As-75	TALYS-6a	0	[8]	48
Br-79(n,n'3a)Cu-67	TALYS-6a	0	[8]	16
Br-79(n,2na)As-74	TALYS-6a	0	[8]	28
Br-79(n,3na)As-73	TALYS-6a	0	[8]	20
Br-79(n,n'p)Se-78	TALYS-6a	0	[8]	52
Br-79(n,n'2a)Ga-71	TALYS-6a	0	[8]	29
Br-79(n,2n2a)Ga-70	TALYS-6a	0	[8]	19
Br-79(n,n'd)Se-77g	TALYS-6a	0		31
Br-79(n,n'd)Se-77m	TALYS-6a	0		31
Br-79(n,n't)Se-76	TALYS-6a	0	[8]	30
Br-79(n,n'h)As-76	TALYS-6a	0	[8]	25
Br-79(n,n'd2a)Zn-69g	TALYS-6a	0		12
Br-79(n,n'd2a)Zn-69m	TALYS-6a	0		12
Br-79(n,n't2a)Zn-68	TALYS-6a	0	[8]	12
Br-79(n,4n)Br-76g	TALYS-6a	0		16
Br-79(n,4n)Br-76m	TALYS-6a	0		16
Br-79(n,2np)Se-77g	TALYS-6a	0		29
Br-79(n,2np)Se-77m	TALYS-6a	0		29
Br-79(n,3np)Se-76	TALYS-6a	0		22
Br-79(n,n'2p)As-77	TALYS-6a	0	[8]	28
Br-79(n,n'pa)Ge-74	TALYS-6a	0	[8]	30
Br-79(n,g)Br-80g	JEF-2.2	4	[13,13,4,6,4]	2567
Br-79(n,g)Br-80m	JEF-2.2	4	[13,13,4,6,4]	2567
Br-79(n,p)Se-79g	TALYS-6a	0	[9,2,3]	2680
Br-79(n,p)Se-79m	JENDL-3.3	2	[7,9,13,4,7,3]	4866
Br-79(n,d)Se-78	TALYS-6a	0	[8]	62
Br-79(n,t)Se-77g	TALYS-6a	0		43
Br-79(n,t)Se-77m	TALYS-6a	0		43
Br-79(n,h)As-77	TALYS-6a	0	[8]	39
Br-79(n,a)As-76	TALYS-5	4	[9,3,3]	2626
+Br-79(n,2a)Ga-72g	TALYS-6a	0	[4,8]	38
+Br-79(n,2a)Ga-72m	TALYS-6a	0	[4,7,8,8]	37
Br-79(n,2p)As-78	TALYS-6a	0	[8]	38
Br-79(n,pa)Ge-75g	TALYS-6a	0		41
Br-79(n,pa)Ge-75m	TALYS-6a	0		41
Br-79(n,pd)As-77	TALYS-6a	0	[8]	30
Br-79(n,pt)As-76	TALYS-6a	0	[8]	26
Br-79(n,da)Ge-74	TALYS-6a	0	[8]	32
Br-79(n,5n)Br-75	TALYS-6a	0		12
Br-79(n,6n)Br-74g	TALYS-6a	0		6
Br-79(n,6n)Br-74m	TALYS-6a	0		6
Br-79(n,2nt)Se-75	TALYS-6a	0	[8]	18
Br-79(n,ta)Ge-73g	TALYS-6a	0		27
Br-79(n,ta)Ge-73m	TALYS-6a	0		27
Br-79(n,4np)Se-75	TALYS-6a	0		14
Br-79(n,3nd)Se-75	TALYS-6a	0		15
Br-79(n,n'da)Ge-73g	TALYS-6a	0		21
Br-79(n,n'da)Ge-73m	TALYS-6a	0		21
Br-79(n,2npa)Ge-73g	TALYS-6a	0		20
Br-79(n,2npa)Ge-73m	TALYS-6a	0		19
Br-79(n,5np)Se-74	TALYS-6a	0		10
Br-79(n,4na)As-72	TALYS-6a	0	[8]	13
Br-79(n,5na)As-71	TALYS-6a	0	[8]	8
Br-79(n,4nd)Se-74	TALYS-6a	0	[8]	10
Br-79(n,3nt)Se-74	TALYS-6a	0	[8]	13
Br-79(n,4nt)Se-73g	TALYS-6a	0		7
Br-79(n,4nt)Se-73m	TALYS-6a	0		7
Br-79(n,2nh)As-75	TALYS-6a	0	[8]	18
Br-79(n,3nh)As-74	TALYS-6a	0	[8]	12
Br-79(n,4nh)As-73	TALYS-6a	0	[8]	8
Br-79(n,3n2p)As-75	TALYS-6a	0		14
Br-79(n,3n2a)Ga-69	TALYS-6a	0	[8]	14
Br-79(n,3npa)Ge-72	TALYS-6a	0	[8]	14
Br-79(n,dt)As-75	TALYS-6a	0	[8]	20
Br-79(n,n'pd)As-76	TALYS-6a	0	[8]	20
Br-79(n,n'pt)As-75	TALYS-6a	0	[8]	18
Br-79(n,n'dt)As-74	TALYS-6a	0	[8]	13
Br-79(n,n'ph)Ge-75g	TALYS-6a	0		16
Br-79(n,n'ph)Ge-75m	TALYS-6a	0		16
Br-79(n,n'dh)Ge-74	TALYS-6a	0	[8]	13
Br-79(n,n'th)Ge-73g	TALYS-6a	0		11
Br-79(n,n'th)Ge-73m	TALYS-6a	0		11
Br-79(n,n'ta)Ge-72	TALYS-6a	0	[8]	20
Br-79(n,2n2p)As-76	TALYS-6a	0	[8]	18
Br-79(n,ph)Ge-76	TALYS-6a	0	[8]	25
Br-79(n,ha)Ga-73	TALYS-6a	0	[8]	23
Br-79(n,4n2p)As-74	TALYS-6a	0		9
Br-79(n,4n2a)Ga-68	TALYS-6a	0	[8]	8
+Br-79(n,4npa)Ge-71g	TALYS-6a	0	[4,8]	9
+Br-79(n,4npa)Ge-71m	TALYS-6a	0	[4,7,8,8]	8
Br-79(n,n'3p)Ge-76	TALYS-6a	0	[8]	18
Br-81(n,2nd)Se-78	TALYS-6a	0	[8]	23
Br-81(n,2n)Br-80g	ADL-3	6	[13,3]	44
Br-81(n,2n)Br-80m	ADL-3	2	[13,3]	44
Br-81(n,3n)Br-79g	TALYS-6a	0		28
Br-81(n,3n)Br-79m	TALYS-6a	0		28
Br-81(n,n'a)As-77	TALYS-6a	0	[8]	44
Br-81(n,2na)As-76	TALYS-6a	0	[8]	28
Br-81(n,3na)As-75	TALYS-6a	0	[8]	20
Br-81(n,n'p)Se-80	TALYS-6a	0	[8]	45
Br-81(n,n'2a)Ga-73	TALYS-6a	0	[8]	26
+Br-81(n,2n2a)Ga-72g	TALYS-6a	0	[4,8]	16
+Br-81(n,2n2a)Ga-72m	TALYS-6a	0	[4,7,8,8]	15
Br-81(n,n'd)Se-79g	TALYS-6a	0		30
Br-81(n,n'd)Se-79m	TALYS-6a	0		30
Br-81(n,n't)Se-78	TALYS-6a	0		30
Br-81(n,n'h)As-78	TALYS-6a	0	[8]	24
Br-81(n,4n)Br-78	TALYS-6a	0		17
Br-81(n,2np)Se-79g	TALYS-6a	0		29
Br-81(n,2np)Se-79m	TALYS-6a	0		29
Br-81(n,3np)Se-78	TALYS-6a	0		22
Br-81(n,n'2p)As-79	TALYS-6a	0	[8]	25
Br-81(n,n'pa)Ge-76	TALYS-6a	0	[8]	28
Br-81(n,g)Br-82g	JEF-2.2	2	[13,13,4,6,4]	8623
Br-81(n,g)Br-82m	JEF-2.2	2	[13,13,4,6,4]	8623
Br-81(n,p)Se-81g	TALYS-6	2	[3]	79
Br-81(n,p)Se-81m	TALYS-6	2	[3]	79
Br-81(n,d)Se-80	TALYS-6a	0	[8]	56
Br-81(n,t)Se-79g	TALYS-6a	0		42
Br-81(n,t)Se-79m	TALYS-6a	0		42
Br-81(n,h)As-79	TALYS-6a	1	[8]	34
Br-81(n,a)As-78	TALYS-5	2		100
Br-81(n,2a)Ga-74g	TALYS-6a	0		32
Br-81(n,2a)Ga-74m	TALYS-6a	0		31
Br-81(n,2p)As-80	TALYS-6a	0	[8]	33
Br-81(n,pa)Ge-77g	TALYS-6a	0		36
Br-81(n,pa)Ge-77m	TALYS-6a	0		35
Br-81(n,pd)As-79	TALYS-6a	0	[8]	27
Br-81(n,pt)As-78	TALYS-6a	0	[8]	24
Br-81(n,da)Ge-76	TALYS-6a	0	[8]	29
Br-81(n,5n)Br-77g	TALYS-6a	0		13
Br-81(n,5n)Br-77m	TALYS-6a	0		13
Br-81(n,6n)Br-76g	TALYS-6a	0		7
Br-81(n,6n)Br-76m	TALYS-6a	0		7
Br-81(n,2nt)Se-77g	TALYS-6a	0		19
Br-81(n,2nt)Se-77m	TALYS-6a	0		19
Br-81(n,ta)Ge-75g	TALYS-6a	0		25
Br-81(n,ta)Ge-75m	TALYS-6a	0		25
Br-81(n,4np)Se-77g	TALYS-6a	0		14
Br-81(n,4np)Se-77m	TALYS-6a	0		14

Br-81(n,3nd)Se-77g	TALYS-6a	0		15
Br-81(n,3nd)Se-77m	TALYS-6a	0		15
Br-81(n,n'da)Ge-75g	TALYS-6a	0		19
Br-81(n,n'da)Ge-75m	TALYS-6a	0		19
Br-81(n,2npa)Ge-75g	TALYS-6a	0		17
Br-81(n,2npa)Ge-75m	TALYS-6a	0		17
Br-81(n,5np)Se-76	TALYS-6a	0		10
Br-81(n,6np)Se-75	TALYS-6a	0		4
Br-81(n,4na)As-74	TALYS-6a	0 [8]		13
Br-81(n,5na)As-73	TALYS-6a	0 [8]		9
Br-81(n,4nd)Se-76	TALYS-6a	0		11
Br-81(n,5nd)Se-75	TALYS-6a	0 [8]		5
Br-81(n,3nt)Se-76	TALYS-6a	0		14
Br-81(n,4nt)Se-75	TALYS-6a	0 [8]		8
Br-81(n,2nh)As-77	TALYS-6a	0 [8]		17
Br-81(n,3nh)As-76	TALYS-6a	0 [8]		12
Br-81(n,4nh)As-75	TALYS-6a	0 [8]		8
Br-81(n,3n2p)As-77	TALYS-6a	0 [8]		13
Br-81(n,3n2a)Ga-71	TALYS-6a	0 [8]		13
Br-81(n,3npa)Ge-74	TALYS-6a	0 [8]		14
Br-81(n,dt)As-77	TALYS-6a	0 [8]		19
Br-81(n,n'pd)As-78	TALYS-6a	0 [8]		18
Br-81(n,n'pt)As-77	TALYS-6a	0 [8]		17
Br-81(n,n'dt)As-76	TALYS-6a	0 [8]		13
Br-81(n,n'ph)Ge-77g	TALYS-6a	0		14
Br-81(n,n'ph)Ge-77m	TALYS-6a	0		14
Br-81(n,n'dh)Ge-76	TALYS-6a	0 [8]		12
Br-81(n,n'ta)Ge-74	TALYS-6a	0 [8]		19
Br-81(n,2n2p)As-78	TALYS-6a	0 [8]		16
Br-81(n,4n2p)As-76	TALYS-6a	0 [8]		8
Br-81(n,4n2a)Ga-70	TALYS-6a	0 [8]		8
Br-81(n,4npa)Ge-73g	TALYS-6a	0		9
Br-81(n,4npa)Ge-73m	TALYS-6a	0		8
Br-81(n,n'3p)Ge-78	TALYS-6a	0 [8]		15
Br-82(n,n')Br-82m	TALYS-6a	0		91
Br-82(n,2nd)Se-79g	TALYS-6a	0		23
Br-82(n,2nd)Se-79m	TALYS-6a	0		23
Br-82(n,2n)Br-81	TALYS-6a	0		47
Br-82(n,3n)Br-80g	TALYS-6a	0		29
Br-82(n,3n)Br-80m	TALYS-6a	0		28
Br-82(n,n'a)As-78	TALYS-6a	0 [8]		43
Br-82(n,2na)As-77	TALYS-6a	0 [8]		30
Br-82(n,3na)As-76	TALYS-6a	0 [8]		20
Br-82(n,n'p)Se-81g	TALYS-6a	0		44
Br-82(n,n'p)Se-81m	TALYS-6a	0		44
Br-82(n,n'2a)Ga-74g	TALYS-6a	0		23
Br-82(n,n'2a)Ga-74m	TALYS-6a	0		23
Br-82(n,2n2a)Ga-73	TALYS-6a	0 [8]		17
Br-82(n,n'd)Se-80	TALYS-6a	0 [8]		34
Br-82(n,n't)Se-79g	TALYS-6a	0		29
Br-82(n,n't)Se-79m	TALYS-6a	0		29
Br-82(n,n'h)As-79	TALYS-6a	0 [8]		25
Br-82(n,4n)Br-79g	TALYS-6a	0		21
Br-82(n,4n)Br-79m	TALYS-6a	0		20
Br-82(n,2np)Se-80	TALYS-6a	0		31
Br-82(n,3np)Se-79g	TALYS-6a	0		21
Br-82(n,3np)Se-79m	TALYS-6a	0		21
Br-82(n,n'2p)As-80	TALYS-6a	0 [8]		24
Br-82(n,n'pa)Ge-77g	TALYS-6a	0		26
Br-82(n,n'pa)Ge-77m	TALYS-6a	0		25
Br-82(n,g)Br-83	MASGAM	0 [14,13]		83
Br-82(n,p)Se-82	TALYS-6a	0 [2]		100
Br-82(n,d)Se-81g	TALYS-6a	0		51
Br-82(n,d)Se-81m	TALYS-6a	0		51
Br-82(n,t)Se-80	TALYS-6a	0 [8]		48
Br-82(n,h)As-80	TALYS-6a	0 [8]		31
Br-82(n,a)As-79	TALYS-6a	0 [2]		100
Br-82(n,2a)Ga-75	TALYS-6a	0 [8]		34
Br-82(n,2p)As-81	TALYS-6a	0 [8]		34
Br-82(n,pa)Ge-78	TALYS-6a	0 [8]		38
Br-82(n,pd)As-80	TALYS-6a	0 [8]		26
Br-82(n,pt)As-79	TALYS-6a	0 [8]		25
Br-82(n,da)Ge-77g	TALYS-6a	0		27
Br-82(n,da)Ge-77m	TALYS-6a	0		27
Br-82(n,5n)Br-78	TALYS-6a	0		13
Br-82(n,6n)Br-77g	TALYS-6a	0		9
Br-82(n,6n)Br-77m	TALYS-6a	0		9
Br-82(n,2nt)Se-78	TALYS-6a	0 [8]		22
Br-82(n,ta)Ge-76	TALYS-6a	0 [8]		28
Br-82(n,4np)Se-78	TALYS-6a	0		15
Br-82(n,3nd)Se-78	TALYS-6a	0		16
Br-82(n,n'da)Ge-76	TALYS-6a	0 [8]		21
Br-82(n,2npa)Ge-76	TALYS-6a	0 [8]		20
Br-82(n,5np)Se-77g	TALYS-6a	0		10
Br-82(n,5np)Se-77m	TALYS-6a	0		10
Br-82(n,6np)Se-76	TALYS-6a	0		6
Br-82(n,4na)As-75	TALYS-6a	0 [8]		14
Br-82(n,5na)As-74	TALYS-6a	0 [8]		9
Br-82(n,4nd)Se-77g	TALYS-6a	0		11
Br-82(n,4nd)Se-77m	TALYS-6a	0		11
Br-82(n,5nd)Se-76	TALYS-6a	0		7
Br-82(n,3nt)Se-77g	TALYS-6a	0		14
Br-82(n,3nt)Se-77m	TALYS-6a	0		14
Br-82(n,4nt)Se-76	TALYS-6a	0 [8]		10
Br-82(n,5nt)Se-75	TALYS-6a	0		4
Br-82(n,2nh)As-78	TALYS-6a	0 [8]		16
Br-82(n,3nh)As-77	TALYS-6a	0 [8]		8
Br-82(n,4nh)As-76	TALYS-6a	0 [8]		8
Br-82(n,3n2p)As-78	TALYS-6a	0 [8]		13
+Br-82(n,3n2a)Ga-72g	TALYS-6a	0 [4,8]		12
+Br-82(n,3n2a)Ga-72m	TALYS-6a	0 [4,7,8,8]		11
Br-82(n,3npa)Ge-75g	TALYS-6a	0		13
Br-82(n,3npa)Ge-75m	TALYS-6a	0		13
Br-82(n,dt)As-78	TALYS-6a	0 [8]		18
Br-82(n,n'pd)As-79	TALYS-6a	0 [8]		17
Br-82(n,n'pt)As-78	TALYS-6a	0 [8]		17
Br-82(n,n'dt)As-77	TALYS-6a	0 [8]		14
Br-82(n,n'ph)Ge-78	TALYS-6a	0 [8]		15
Br-82(n,n'ta)Ge-75g	TALYS-6a	0		17

Br-82(n,n'ta)Ge-75m	TALYS-6a	0		18
Br-82(n,2n2p)As-79	TALYS-6a	0 [8]		18
Br-82(n,4n2p)As-77	TALYS-6a	0 [8]		9
Br-82(n,4n2a)Ga-71	TALYS-6a	0 [8]		9
Br-82(n,4npa)Ge-74	TALYS-6a	0 [8]		10
Kr-76(n,2nd)Br-73	TALYS-6a	0		19
Kr-76(n,2n)Kr-75	IEAF-2001	0 [5,7,8]		167
Kr-76(n,3n)Kr-74	TALYS-6a	0		23
Kr-76(n,n'a)Se-72	TALYS-6a	0 [8]		58
Kr-76(n,n'3a)Zn-64	TALYS-6a	0 [8]		23
Kr-76(n,2na)Se-71	TALYS-6a	0 [8]		28
Kr-76(n,3na)Se-70	TALYS-6a	0 [8]		18
Kr-76(n,n'p)Br-75	TALYS-6a	0 [8]		48
Kr-76(n,n'2a)Ge-68	TALYS-6a	0 [8]		35
Kr-76(n,2n2a)Ge-67	TALYS-6a	0 [8]		20
Kr-76(n,n'd)Br-74g	TALYS-6a	0		29
Kr-76(n,n'd)Br-74m	TALYS-6a	0		29
Kr-76(n,n't)Br-73	TALYS-6a	0 [8,7,8]		25
Kr-76(n,n'h)Se-73g	TALYS-6a	0		28
Kr-76(n,n'h)Se-73m	TALYS-6a	0		28
Kr-76(n,n'd2a)Ga-66	TALYS-6a	0 [8]		14
Kr-76(n,n't2a)Ga-65	TALYS-6a	0 [8]		12
Kr-76(n,4n)Kr-73	TALYS-6a	0		13
Kr-76(n,2np)Br-74g	TALYS-6a	0		27
Kr-76(n,2np)Br-74m	TALYS-6a	0		27
Kr-76(n,3np)Br-73	TALYS-6a	0		17
Kr-76(n,n'2p)Se-74	TALYS-6a	0 [8]		36
Kr-76(n,n'pa)As-71	TALYS-6a	0 [8]		32
>Kr-76(n,g)Kr-77	TALYS-6a	0 [14,2]		100
Kr-76(n,p)Br-76g	TALYS-6a	0 [2]		100
Kr-76(n,p)Br-76m	TALYS-6a	0 [2]		100
Kr-76(n,d)Br-75	TALYS-6a	0 [8]		58
Kr-76(n,t)Br-74g	TALYS-6a	0		38
Kr-76(n,t)Br-74m	TALYS-6a	0		38
Kr-76(n,h)Se-74	TALYS-6a	0 [8]		57
Kr-76(n,a)Se-73g	TALYS-6a	0 [2]		100
Kr-76(n,a)Se-73m	TALYS-6a	0 [2]		100
Kr-76(n,2a)Ge-69	TALYS-6a	0		100
Kr-76(n,3a)Zn-65	TALYS-6a	0 [8]		32
Kr-76(n,2p)Se-75	TALYS-6a	0 [8]		63
Kr-76(n,pa)As-72	TALYS-6a	0 [8]		56
Kr-76(n,t2a)Ga-66	TALYS-6a	0 [8]		18
Kr-76(n,d2a)Ga-67	TALYS-6a	0 [8]		24
Kr-76(n,pd)Se-74	TALYS-6a	0 [8]		39
Kr-76(n,pt)Se-73g	TALYS-6a	0		29
Kr-76(n,pt)Se-73m	TALYS-6a	0		29
Kr-76(n,da)As-71	TALYS-6a	0 [8]		35
Kr-76(n,2nt)Br-72g	TALYS-6a	0		14
Kr-76(n,2nt)Br-72m	TALYS-6a	0		14
Kr-76(n,ta)As-70	TALYS-6a	0 [8]		28
Kr-76(n,4np)Br-72g	TALYS-6a	0		10
Kr-76(n,4np)Br-72m	TALYS-6a	0		10
Kr-76(n,3nd)Br-72g	TALYS-6a	0		11
Kr-76(n,3nd)Br-72m	TALYS-6a	0		11
Kr-76(n,n'da)As-70	TALYS-6a	0 [8]		21
Kr-76(n,2npa)As-70	TALYS-6a	0 [8]		20
Kr-76(n,4na)Se-69	TALYS-6a	0 [8]		10
Kr-76(n,3nt)Br-71	TALYS-6a	0		9
Kr-76(n,2nh)Se-72	TALYS-6a	0 [8]		20
Kr-76(n,3nh)Se-71	TALYS-6a	0 [8]		12
Kr-76(n,3n2p)Se-72	TALYS-6a	0		15
Kr-76(n,3n2a)Ge-66	TALYS-6a	0 [8]		13
Kr-76(n,3npa)As-69	TALYS-6a	0 [8]		13
Kr-76(n,dt)Se-72	TALYS-6a	0 [8]		22
Kr-76(n,n'pd)Se-73g	TALYS-6a	0		23
Kr-76(n,n'pd)Se-73m	TALYS-6a	0		23
Kr-76(n,n'pt)Se-72	TALYS-6a	0 [8]		20
Kr-76(n,n'dt)Se-71	TALYS-6a	0 [8]		12
Kr-76(n,n'ph)As-72	TALYS-6a	0 [8]		19
Kr-76(n,n'dh)As-71	TALYS-6a	0 [8]		14
Kr-76(n,n'th)As-70	TALYS-6a	0 [8]		11
Kr-76(n,n'ta)As-69	TALYS-6a	0 [8]		18
Kr-76(n,2n2p)Se-73g	TALYS-6a	0		21
Kr-76(n,2n2p)Se-73m	TALYS-6a	0		21
Kr-76(n,ph)As-73	TALYS-6a	0 [8]		30
Kr-76(n,dh)As-72	TALYS-6a	0 [8]		20
Kr-76(n,ha)Ge-70	TALYS-6a	0 [8]		32
Kr-76(n,4n2p)Se-71	TALYS-6a	0 [8]		8
Kr-76(n,3p)As-74	TALYS-6a	0 [8]		31
Kr-76(n,n'3p)As-73	TALYS-6a	0 [8]		23
Kr-76(n,3n2pa)Ge-68	TALYS-6a	0 [8]		10
Kr-78(n,2nd)Br-75	TALYS-6a	0 [8]		19
Kr-78(n,2n)Kr-77	JEF-2.2	2 [13,3,7,8]		62
Kr-78(n,3n)Kr-76	TALYS-6a	0		25
Kr-78(n,n'a)Se-74	TALYS-6a	0		54
Kr-78(n,n'3a)Zn-66	TALYS-6a	0 [8]		20
Kr-78(n,2na)Se-73g	TALYS-6a	0		28
Kr-78(n,2na)Se-73m	TALYS-6a	0		28
Kr-78(n,3na)Se-72	TALYS-6a	0 [8]		19
Kr-78(n,n'p)Br-77g	TALYS-6a	0		44
Kr-78(n,n'p)Br-77m	TALYS-6a	0		44
Kr-78(n,n'2a)Ge-70	TALYS-6a	0 [8]		31
Kr-78(n,2n2a)Ge-69	TALYS-6a	0 [8]		19
Kr-78(n,n'd)Br-76g	TALYS-6a	0		29
Kr-78(n,n'd)Br-76m	TALYS-6a	0		29
Kr-78(n,n't)Br-75	TALYS-6a	0 [8]		25
Kr-78(n,n'h)Se-75	TALYS-6a	0 [8]		27
Kr-78(n,n'd2a)Ga-68	TALYS-6a	0 [8]		13
Kr-78(n,n't2a)Ga-67	TALYS-6a	0 [8]		12
Kr-78(n,4n)Kr-75	TALYS-6a	0		14
Kr-78(n,2np)Br-76g	TALYS-6a	0		27
Kr-78(n,2np)Br-76m	TALYS-6a	0		27
Kr-78(n,3np)Br-75	TALYS-6a	0 [8]		17
Kr-78(n,n'2p)Se-76	TALYS-6a	0 [8]		31
Kr-78(n,n'pa)As-73	TALYS-6a	0		30
Kr-78(n,g)Kr-79g	JEF-2.2	2 [9,2,4,6,10]		1356
Kr-78(n,g)Kr-79m	JEF-2.2	2 [9,2,4,6,10]		1356
Kr-78(n,p)Br-78	TALYS-6a	0 [2]		100
Kr-78(n,d)Br-77g	TALYS-6a	0		52

Reaction	Library		Ref	Value
Kr-78(n,d)Br-77m	TALYS-6a	0		52
Kr-78(n,t)Br-76g	TALYS-6a	0		38
Kr-78(n,t)Br-76m	TALYS-6a	0		38
Kr-78(n,h)Se-76	TALYS-6a	0	[8]	46
Kr-78(n,a)Se-75	TALYS-6a	0	[9,3]	1312
+Kr-78(n,2a)Ge-71g	TALYS-6a	0	[4,8]	48
+Kr-78(n,2a)Ge-71m	TALYS-6a	0	[4,7,8,8]	47
Kr-78(n,3a)Zn-67	TALYS-6a	0	[8]	28
Kr-78(n,2p)Se-77g	TALYS-6a	0		48
Kr-78(n,2p)Se-77m	TALYS-6a	0		47
Kr-78(n,pa)As-74	TALYS-6a	0	[8]	44
Kr-78(n,t2a)Ga-68	TALYS-6a	0	[8]	16
Kr-78(n,d2a)Ga-69	TALYS-6a	0	[8]	21
Kr-78(n,pd)Se-76	TALYS-6a	0	[8]	35
Kr-78(n,pt)Se-75	TALYS-6a	0	[8]	28
Kr-78(n,da)As-73	TALYS-6a	0	[8]	31
Kr-78(n,5n)Kr-74	TALYS-6a	0		9
Kr-78(n,2nt)Br-74g	TALYS-6a	0		15
Kr-78(n,2nt)Br-74m	TALYS-6a	0		15
Kr-78(n,ta)As-72	TALYS-6a	0	[8]	26
Kr-78(n,4np)Br-74g	TALYS-6a	0		11
Kr-78(n,4np)Br-74m	TALYS-6a	0		11
Kr-78(n,3nd)Br-74g	TALYS-6a	0		12
Kr-78(n,3nd)Br-74m	TALYS-6a	0		12
Kr-78(n,n'da)As-72	TALYS-6a	0	[8]	20
Kr-78(n,2npa)As-72	TALYS-6a	0	[8]	18
Kr-78(n,5np)Br-73	TALYS-6a	0		6
Kr-78(n,4na)Se-71	TALYS-6a	0	[8]	11
Kr-78(n,4nd)Br-73	TALYS-6a	0		7
Kr-78(n,3nt)Br-73	TALYS-6a	0		10
Kr-78(n,2nh)Se-74	TALYS-6a	0	[8]	19
Kr-78(n,3nh)Se-73g	TALYS-6a	0		12
Kr-78(n,3nh)Se-73m	TALYS-6a	0		12
Kr-78(n,4nh)Se-72	TALYS-6a	0	[8]	7
Kr-78(n,3n2p)Se-74	TALYS-6a	0	[8]	14
Kr-78(n,3n2a)Ge-68	TALYS-6a	0	[8]	13
Kr-78(n,3npa)As-71	TALYS-6a	0	[8]	13
Kr-78(n,dt)Se-74	TALYS-6a	0	[8]	21
Kr-78(n,n'pd)Se-75	TALYS-6a	0	[8]	22
Kr-78(n,n'pt)Se-74	TALYS-6a	0	[8]	20
Kr-78(n,n'dt)Se-73g	TALYS-6a	0		13
Kr-78(n,n'dt)Se-73m	TALYS-6a	0		13
Kr-78(n,n'ph)As-74	TALYS-6a	0	[8]	16
Kr-78(n,n'dh)As-73	TALYS-6a	0	[8]	13
Kr-78(n,n'th)As-72	TALYS-6a	0	[8]	10
Kr-78(n,n'ta)As-71	TALYS-6a	0	[8]	17
Kr-78(n,2n2p)Se-75	TALYS-6a	0	[8]	20
Kr-78(n,ph)As-75	TALYS-6a	0	[8]	27
Kr-78(n,dh)As-74	TALYS-6a	0	[8]	17
Kr-78(n,ha)Ge-72	TALYS-6a	0	[8]	28
Kr-78(n,4n2p)Se-73g	TALYS-6a	0		8
Kr-78(n,4n2p)Se-73m	TALYS-6a	0		8
Kr-78(n,4npa)As-70	TALYS-6a	0	[8]	7
Kr-78(n,3p)As-76	TALYS-6a	0	[8]	14
Kr-78(n,n'3p)As-75	TALYS-6a	0	[8]	13
Kr-78(n,3n2pa)Ge-70	TALYS-6a	0	[8]	9
Kr-79(n,n')Kr-79m	TALYS-6a	0		89
Kr-79(n,2nd)Br-76g	TALYS-6a	0		20
Kr-79(n,2nd)Br-76m	TALYS-6a	0		20
Kr-79(n,2n)Kr-78	TALYS-6a	0		45
Kr-79(n,3n)Kr-77	TALYS-6a	0		26
Kr-79(n,n'a)Se-75	TALYS-6a	0	[8]	75
Kr-79(n,n'3a)Zn-67	TALYS-6a	0	[8]	18
Kr-79(n,2na)Se-74	TALYS-6a	0	[8]	31
Kr-79(n,3na)Se-73g	TALYS-6a	0		19
Kr-79(n,3na)Se-73m	TALYS-6a	0		19
Kr-79(n,n'p)Br-78	TALYS-6a	0	[8]	44
+Kr-79(n,n'2a)Ge-71g	TALYS-6a	0	[4,8]	30
+Kr-79(n,n'2a)Ge-71m	TALYS-6a	0	[4,7,8,8]	29
Kr-79(n,2n2a)Ge-70	TALYS-6a	0	[8]	22
Kr-79(n,n'd)Br-77g	TALYS-6a	0		31
Kr-79(n,n'd)Br-77m	TALYS-6a	0		31
Kr-79(n,n't)Br-76g	TALYS-6a	0		26
Kr-79(n,n't)Br-76m	TALYS-6a	0		26
Kr-79(n,n'h)Se-76	TALYS-6a	0	[8]	30
Kr-79(n,n'd2a)Ga-69	TALYS-6a	0	[8]	14
Kr-79(n,n't2a)Ga-68	TALYS-6a	0	[8]	12
Kr-79(n,4n)Kr-76	TALYS-6a	0		16
Kr-79(n,2np)Br-77g	TALYS-6a	0		29
Kr-79(n,2np)Br-77m	TALYS-6a	0		29
Kr-79(n,3np)Br-76g	TALYS-6a	0		18
Kr-79(n,3np)Br-76m	TALYS-6a	0		18
Kr-79(n,n'2p)Se-77g	TALYS-6a	0		30
Kr-79(n,n'2p)Se-77m	TALYS-6a	0		30
Kr-79(n,n'pa)As-74	TALYS-6a	0	[8]	29
Kr-79(n,g)Kr-80	MASGAM	2	[14,13,4]	83
Kr-79(n,p)Br-79g	TALYS-6a	0	[2]	100
Kr-79(n,p)Br-79m	TALYS-6a	0	[2]	100
Kr-79(n,d)Br-78	TALYS-6a	0	[8]	52
Kr-79(n,t)Br-77g	TALYS-6a	0		43
Kr-79(n,t)Br-77m	TALYS-6a	0		43
Kr-79(n,h)Se-77g	TALYS-6a	0		43
Kr-79(n,h)Se-77m	TALYS-6a	0		43
Kr-79(n,a)Se-76	TALYS-6a	0	[2]	100
Kr-79(n,2a)Ge-72	TALYS-6a	0		100
Kr-79(n,3a)Zn-68	TALYS-6a	0	[8]	29
Kr-79(n,2p)Se-78	TALYS-6a	0	[8]	59
Kr-79(n,pa)As-75	TALYS-6a	0	[8]	52
Kr-79(n,t2a)Ga-69	TALYS-6a	0	[8]	18
Kr-79(n,d2a)Ga-70	TALYS-6a	0	[8]	19
Kr-79(n,pd)Se-77g	TALYS-6a	0		33
Kr-79(n,pd)Se-77m	TALYS-6a	0		33
Kr-79(n,pt)Se-76	TALYS-6a	0	[8]	31
Kr-79(n,da)As-74	TALYS-6a	0	[8]	31
Kr-79(n,5n)Kr-75	TALYS-6a	0		10
Kr-79(n,2nt)Br-75	TALYS-6a	0	[8]	17
Kr-79(n,ta)As-73	TALYS-6a	0	[8]	29
Kr-79(n,4np)Br-75	TALYS-6a	0		13
Kr-79(n,3nd)Br-75	TALYS-6a	0		14
Kr-79(n,n'da)As-73	TALYS-6a	0	[8]	22
Kr-79(n,2npa)As-73	TALYS-6a	0	[8]	21
Kr-79(n,5np)Br-74g	TALYS-6a	0		7
Kr-79(n,5np)Br-74m	TALYS-6a	0		7
Kr-79(n,4na)Se-72	TALYS-6a	0	[8]	13
Kr-79(n,5na)Se-71	TALYS-6a	0	[8]	7
Kr-79(n,4nd)Br-74g	TALYS-6a	0		8
Kr-79(n,4nd)Br-74m	TALYS-6a	0		8
Kr-79(n,3nt)Br-74g	TALYS-6a	0		10
Kr-79(n,3nt)Br-74m	TALYS-6a	0		11
Kr-79(n,2nh)Se-75	TALYS-6a	0	[8]	19
Kr-79(n,3nh)Se-74	TALYS-6a	0	[8]	14
Kr-79(n,4nh)Se-73g	TALYS-6a	0		7
Kr-79(n,4nh)Se-73m	TALYS-6a	0		7
Kr-79(n,3n2p)Se-75	TALYS-6a	0	[8]	14
Kr-79(n,3n2a)Ge-69	TALYS-6a	0	[8]	13
Kr-79(n,3npa)As-72	TALYS-6a	0	[8]	13
Kr-79(n,dt)Se-75	TALYS-6a	0	[8]	20
Kr-79(n,n'pd)Se-76	TALYS-6a	0	[8]	25
Kr-79(n,n'pt)Se-75	TALYS-6a	0	[8]	19
Kr-79(n,n'dt)Se-74	TALYS-6a	0	[8]	14
Kr-79(n,n'ph)As-75	TALYS-6a	0	[8]	18
Kr-79(n,n'dh)As-74	TALYS-6a	0	[8]	13
Kr-79(n,n'th)As-73	TALYS-6a	0	[8]	12
Kr-79(n,n'ta)As-72	TALYS-6a	0	[8]	17
Kr-79(n,2n2p)Se-76	TALYS-6a	0	[8]	23
Kr-79(n,ph)As-76	TALYS-6a	0	[8]	25
Kr-79(n,dh)As-75	TALYS-6a	0	[8]	19
Kr-79(n,ha)Ge-73g	TALYS-6a	0		26
Kr-79(n,ha)Ge-73m	TALYS-6a	0		26
Kr-79(n,4n2p)Se-74	TALYS-6a	0	[8]	10
Kr-79(n,4n2a)Ge-68	TALYS-6a	0	[8]	9
Kr-79(n,4npa)As-71	TALYS-6a	0	[8]	9
Kr-79(n,3p)As-77	TALYS-6a	0	[8]	28
Kr-79(n,n'3p)As-76	TALYS-6a	0	[8]	18
+Kr-79(n,3n2pa)Ge-71g	TALYS-6a	0	[4,8]	9
+Kr-79(n,3n2pa)Ge-71m	TALYS-6a	0	[4,7,8,8]	8
Kr-80(n,2nd)Br-77g	TALYS-6a	0		20
Kr-80(n,2nd)Br-77m	TALYS-6a	0		20
Kr-80(n,2n)Kr-79g	JEF-2.2	2	[13,4,3]	63
Kr-80(n,2n)Kr-79m	JEF-2.2	2	[13,4,7,8,3]	62
Kr-80(n,3n)Kr-78	TALYS-6a	0		26
Kr-80(n,n'a)Se-76	TALYS-6a	0	[8]	50
Kr-80(n,n'3a)Zn-68	TALYS-6a	0	[8]	17
Kr-80(n,2na)Se-75	TALYS-6a	0	[8]	28
Kr-80(n,3na)Se-74	TALYS-6a	0	[8]	20
Kr-80(n,n'p)Br-79g	TALYS-6a	0		42
Kr-80(n,n'p)Br-79m	TALYS-6a	0		42
Kr-80(n,n'2a)Ge-72	TALYS-6a	0	[8]	29
+Kr-80(n,2n2a)Ge-71g	TALYS-6a	0	[4,8]	18
+Kr-80(n,2n2a)Ge-71m	TALYS-6a	0	[4,7,8,8]	17
Kr-80(n,n'd)Br-78	TALYS-6a	0	[8]	28
Kr-80(n,n't)Br-77g	TALYS-6a	0		26
Kr-80(n,n't)Br-77m	TALYS-6a	0		26
Kr-80(n,n'h)Se-77g	TALYS-6a	0		26
Kr-80(n,n'h)Se-77m	TALYS-6a	0		25
Kr-80(n,n'd2a)Ga-70	TALYS-6a	0	[8]	12
Kr-80(n,n't2a)Ga-69	TALYS-6a	0	[8]	11
Kr-80(n,4n)Kr-77	TALYS-6a	0		15
Kr-80(n,2np)Br-78	TALYS-6a	0		26
Kr-80(n,3np)Br-77g	TALYS-6a	0		18
Kr-80(n,3np)Br-77m	TALYS-6a	0		18
Kr-80(n,n'2p)Se-78	TALYS-6a	0	[8]	29
Kr-80(n,n'pa)As-75	TALYS-6a	0	[8]	28
Kr-80(n,g)Kr-81g	JEF-2.2	2	[13,4,6,10]	1429
Kr-80(n,g)Kr-81m	JEF-2.2	2	[13,4,6,10]	1429
>Kr-80(n,p)Br-80g	ENDF/B-VII	0	[2,12,3]	1946
>Kr-80(n,p)Br-80m	ENDF/B-VII	1	[7,8,12,3]	1935
Kr-80(n,d)Br-79g	TALYS-6a	0		48
Kr-80(n,d)Br-79m	TALYS-6a	0		47
Kr-80(n,t)Br-78	TALYS-6a	0	[8]	37
Kr-80(n,h)Se-78	TALYS-6a	0	[8]	41
Kr-80(n,a)Se-77g	TALYS-6a	0	[9,2,3]	1430
Kr-80(n,a)Se-77m	TALYS-6a	0	[9,2,3]	1430
Kr-80(n,2a)Ge-73g	TALYS-6a	0		41
Kr-80(n,2a)Ge-73m	TALYS-6a	0		40
Kr-80(n,2p)Se-79g	TALYS-6a	0		41
Kr-80(n,2p)Se-79m	TALYS-6a	0		41
Kr-80(n,pa)As-76	TALYS-6a	0	[8]	39
Kr-80(n,t2a)Ga-70	TALYS-6a	0	[8]	15
Kr-80(n,d2a)Ga-71	TALYS-6a	0	[8]	17
Kr-80(n,pd)Se-78	TALYS-6a	0	[8]	31
Kr-80(n,pt)Se-77g	TALYS-6a	0		26
Kr-80(n,pt)Se-77m	TALYS-6a	0		26
Kr-80(n,da)As-75	TALYS-6a	0	[8]	29
Kr-80(n,5n)Kr-76	TALYS-6a	0		11
Kr-80(n,6n)Kr-75	TALYS-6a	0		4
Kr-80(n,2nt)Br-76g	TALYS-6a	0		15
Kr-80(n,2nt)Br-76m	TALYS-6a	0		15
Kr-80(n,ta)As-74	TALYS-6a	0	[8]	25
Kr-80(n,4np)Br-76g	TALYS-6a	0		12
Kr-80(n,4np)Br-76m	TALYS-6a	0		12
Kr-80(n,3nd)Br-76g	TALYS-6a	0		13
Kr-80(n,3nd)Br-76m	TALYS-6a	0		13
Kr-80(n,n'da)As-74	TALYS-6a	0	[8]	19
Kr-80(n,2npa)As-74	TALYS-6a	0	[8]	17
Kr-80(n,5np)Br-75	TALYS-6a	0		7
Kr-80(n,4na)Se-73g	TALYS-6a	0		12
Kr-80(n,4na)Se-73m	TALYS-6a	0		12
Kr-80(n,5na)Se-72	TALYS-6a	0		7
Kr-80(n,4nd)Br-75	TALYS-6a	0		8
Kr-80(n,3nt)Br-75	TALYS-6a	0		11
Kr-80(n,4nt)Br-74g	TALYS-6a	0		5
Kr-80(n,4nt)Br-74m	TALYS-6a	0		5
Kr-80(n,2nh)Se-76	TALYS-6a	0	[8]	18
Kr-80(n,3nh)Se-75	TALYS-6a	0	[8]	12
Kr-80(n,4nh)Se-74	TALYS-6a	0	[8]	8
Kr-80(n,3n2p)Se-76	TALYS-6a	0	[8]	14
Kr-80(n,3n2a)Ge-70	TALYS-6a	0	[8]	13

Reaction	Source	Flag	Refs	Value
Kr-80(n,3npa)As-73	TALYS-6a	0	[8]	13
Kr-80(n,dt)Se-76	TALYS-6a	0	[8]	20
Kr-80(n,n'pd)Se-77g	TALYS-6a	0		20
Kr-80(n,n'pd)Se-77m	TALYS-6a	0		20
Kr-80(n,n'pt)Se-76	TALYS-6a	0	[8]	19
Kr-80(n,n'dt)Se-75	TALYS-6a	0	[8]	13
Kr-80(n,n'ph)Se-76	TALYS-6a	0	[8]	15
Kr-80(n,n'dh)As-75	TALYS-6a	0	[8]	12
Kr-80(n,n'th)As-74	TALYS-6a	0	[8]	10
Kr-80(n,n'ta)As-73	TALYS-6a	0	[8]	16
Kr-80(n,2n2p)Se-77g	TALYS-6a	0		19
Kr-80(n,2n2p)Se-77m	TALYS-6a	0		18
Kr-80(n,ph)As-77	TALYS-6a	0	[8]	23
Kr-80(n,dh)As-76	TALYS-6a	0	[8]	15
Kr-80(n,ha)Ge-74	TALYS-6a	0	[8]	25
Kr-80(n,4n2p)Se-75	TALYS-6a	0	[8]	8
Kr-80(n,4npa)As-72	TALYS-6a	0	[8]	7
Kr-80(n,3p)As-78	TALYS-6a	0	[8]	23
Kr-80(n,n'3p)As-77	TALYS-6a	0	[8]	16
Kr-80(n,3n2pa)Ge-72	TALYS-6a	0	[8]	8
Kr-81(n,n')Kr-81m	TALYS-6a	0		89
Kr-81(n,2nd)Br-78	TALYS-6a	0	[8]	20
Kr-81(n,2n)Kr-80	TALYS-6a	0		46
Kr-81(n,3n)Kr-79g	TALYS-6a	0		27
Kr-81(n,3n)Kr-79m	TALYS-6a	0		27
Kr-81(n,n'a)Se-77g	TALYS-6a	0		48
Kr-81(n,n'a)Se-77m	TALYS-6a	0		47
Kr-81(n,n'3a)Zn-69g	TALYS-6a	0		15
Kr-81(n,n'3a)Zn-69m	TALYS-6a	0		15
Kr-81(n,2na)Se-76	TALYS-6a	0	[8]	31
Kr-81(n,3na)Se-75	TALYS-6a	0	[8]	20
Kr-81(n,n'p)Br-80g	TALYS-6a	0		42
Kr-81(n,n'p)Br-80m	TALYS-6a	0		42
Kr-81(n,n'2a)Ge-73g	TALYS-6a	0		28
Kr-81(n,n'2a)Ge-73m	TALYS-6a	0		27
Kr-81(n,2n2a)Ge-72	TALYS-6a	0	[8]	21
Kr-81(n,n'd)Br-79g	TALYS-6a	0		31
Kr-81(n,n'd)Br-79m	TALYS-6a	0		31
Kr-81(n,n't)Br-78	TALYS-6a	0	[8]	26
Kr-81(n,n'h)Se-78	TALYS-6a	0	[8]	28
Kr-81(n,n'd2a)Ga-71	TALYS-6a	0	[8]	13
Kr-81(n,4n)Kr-78	TALYS-6a	0		18
Kr-81(n,2np)Br-79g	TALYS-6a	0		29
Kr-81(n,2np)Br-79m	TALYS-6a	0		29
Kr-81(n,3np)Br-78	TALYS-6a	0		18
Kr-81(n,n'2p)Se-79g	TALYS-6a	0		28
Kr-81(n,n'2p)Se-79m	TALYS-6a	0		28
Kr-81(n,n'pa)As-76	TALYS-6a	0	[8]	27
Kr-81(n,g)Kr-82	MASGAM	2	[14,13,4]	83
Kr-81(n,p)Br-81	TALYS-6a	0	[2]	100
Kr-81(n,d)Br-80g	TALYS-6a	0		47
Kr-81(n,d)Br-80m	TALYS-6a	0		47
Kr-81(n,t)Br-79g	TALYS-6a	0		42
Kr-81(n,t)Br-79m	TALYS-6a	0		42
Kr-81(n,h)Se-79g	TALYS-6a	0		39
Kr-81(n,h)Se-79m	TALYS-6a	0		39
Kr-81(n,a)Se-78	TALYS-6a	0	[2]	100
Kr-81(n,2a)Ge-74	TALYS-6a	0	[8]	47
Kr-81(n,2p)Se-80	TALYS-6a	0	[8]	46
Kr-81(n,pa)As-77	TALYS-6a	0	[8]	43
+Kr-81(n,d2a)Ga-72g	TALYS-6a	0	[4,8]	15
+Kr-81(n,d2a)Ga-72m	TALYS-6a	0	[4,7,8,8]	14
Kr-81(n,pd)Se-79g	TALYS-6a	0		30
Kr-81(n,pd)Se-79m	TALYS-6a	0		30
Kr-81(n,pt)Se-78	TALYS-6a	0	[8]	29
Kr-81(n,da)As-76	TALYS-6a	0	[8]	28
Kr-81(n,5n)Kr-77	TALYS-6a	0		11
Kr-81(n,6n)Kr-76	TALYS-6a	0		7
Kr-81(n,2nt)Br-77g	TALYS-6a	0		18
Kr-81(n,2nt)Br-77m	TALYS-6a	0		18
Kr-81(n,ta)As-75	TALYS-6a	0	[8]	27
Kr-81(n,4np)Br-77g	TALYS-6a	0		13
Kr-81(n,4np)Br-77m	TALYS-6a	0		13
Kr-81(n,3nd)Br-77g	TALYS-6a	0		14
Kr-81(n,3nd)Br-77m	TALYS-6a	0		14
Kr-81(n,n'da)As-75	TALYS-6a	0	[8]	21
Kr-81(n,2npa)As-75	TALYS-6a	0	[8]	19
Kr-81(n,5np)Br-76g	TALYS-6a	0		8
Kr-81(n,5np)Br-76m	TALYS-6a	0		8
Kr-81(n,4na)Se-74	TALYS-6a	0	[8]	14
Kr-81(n,5na)Se-73g	TALYS-6a	0		8
Kr-81(n,5na)Se-73m	TALYS-6a	0		8
Kr-81(n,4nd)Br-76g	TALYS-6a	0		9
Kr-81(n,4nd)Br-76m	TALYS-6a	0		9
Kr-81(n,3nt)Br-76g	TALYS-6a	0		11
Kr-81(n,3nt)Br-76m	TALYS-6a	0		11
Kr-81(n,4nt)Br-75	TALYS-6a	0		7
Kr-81(n,2nh)Se-77g	TALYS-6a	0		18
Kr-81(n,2nh)Se-77m	TALYS-6a	0		18
Kr-81(n,3nh)Se-76	TALYS-6a	0	[8]	13
Kr-81(n,4nh)Se-75	TALYS-6a	0	[8]	8
Kr-81(n,3n2p)Se-77g	TALYS-6a	0		14
Kr-81(n,3n2p)Se-77m	TALYS-6a	0		13
+Kr-81(n,3n2a)Ge-71g	TALYS-6a	0	[4,8]	13
+Kr-81(n,3n2a)Ge-71m	TALYS-6a	0	[4,7,8,8]	12
Kr-81(n,3npa)As-74	TALYS-6a	0	[8]	13
Kr-81(n,dt)Se-77g	TALYS-6a	0		19
Kr-81(n,dt)Se-77m	TALYS-6a	0		19
Kr-81(n,n'pd)Se-78	TALYS-6a	0	[8]	23
Kr-81(n,n'pt)Se-77g	TALYS-6a	0		18
Kr-81(n,n'pt)Se-77m	TALYS-6a	0		18
Kr-81(n,n'dt)Se-76	TALYS-6a	0	[8]	14
Kr-81(n,n'ph)As-77	TALYS-6a	0	[8]	16
Kr-81(n,n'dh)As-76	TALYS-6a	0	[8]	12
Kr-81(n,n'th)As-75	TALYS-6a	0	[8]	11
Kr-81(n,n'ta)As-74	TALYS-6a	0	[8]	16
Kr-81(n,2n2p)Se-78	TALYS-6a	0	[8]	21
Kr-81(n,ph)As-78	TALYS-6a	0	[8]	22
Kr-81(n,4n2p)Se-76	TALYS-6a	0	[8]	10
Kr-81(n,4n2a)Ge-70	TALYS-6a	0	[8]	9
Kr-81(n,4npa)As-73	TALYS-6a	0	[8]	9
Kr-81(n,3p)As-79	TALYS-6a	0	[8]	24
Kr-81(n,n'3p)As-78	TALYS-6a	0	[8]	15
Kr-82(n,2nd)Br-79g	TALYS-6a	0		20
Kr-82(n,2nd)Br-79m	TALYS-6a	0		20
Kr-82(n,2n)Kr-81g	TALYS-6a	0		39
Kr-82(n,2n)Kr-81m	JEF-2.2	2	[13,4,7,8]	58
Kr-82(n,3n)Kr-80	TALYS-6a	0		27
Kr-82(n,n'a)Se-78	TALYS-6a	0	[8]	45
Kr-82(n,2na)Se-77g	TALYS-6a	0		28
Kr-82(n,2na)Se-77m	TALYS-6a	0		27
Kr-82(n,3na)Se-76	TALYS-6a	0	[8]	20
Kr-82(n,n'p)Br-81	TALYS-6a	0		41
Kr-82(n,n'2a)Ge-74	TALYS-6a	0	[8]	27
Kr-82(n,2n2a)Ge-73g	TALYS-6a	0		16
Kr-82(n,2n2a)Ge-73m	TALYS-6a	0		16
Kr-82(n,n'd)Br-80g	TALYS-6a	0		28
Kr-82(n,n'd)Br-80m	TALYS-6a	0		28
Kr-82(n,n't)Br-79g	TALYS-6a	0		26
Kr-82(n,n't)Br-79m	TALYS-6a	0		26
Kr-82(n,n'h)Se-79g	TALYS-6a	0		24
Kr-82(n,n'h)Se-79m	TALYS-6a	0		24
Kr-82(n,4n)Kr-79g	TALYS-6a	0		16
Kr-82(n,4n)Kr-79m	TALYS-6a	0		16
Kr-82(n,2np)Br-80g	TALYS-6a	0		26
Kr-82(n,2np)Br-80m	TALYS-6a	0		26
Kr-82(n,3np)Br-79g	TALYS-6a	0		18
Kr-82(n,3np)Br-79m	TALYS-6a	0		18
Kr-82(n,n'2p)Se-80	TALYS-6a	0	[8]	27
Kr-82(n,n'pa)As-77	TALYS-6a	0	[8]	26
Kr-82(n,g)Kr-83g	JEF-2.2	2	[9,2,4,6,10,3]	645
Kr-82(n,g)Kr-83m	JEF-2.2	2	[9,2,4,6,10,3]	645
>Kr-82(n,p)Br-82g	TALYS-6a	0	[4]	72
>Kr-82(n,p)Br-82m	TALYS-6a	0	[4]	72
Kr-82(n,d)Br-81	TALYS-6a	0	[8]	45
Kr-82(n,t)Br-80g	TALYS-6a	0		36
Kr-82(n,t)Br-80m	TALYS-6a	0		36
Kr-82(n,h)Se-80	TALYS-6a	0	[8]	37
Kr-82(n,a)Se-79g	TALYS-6a	0	[2]	100
Kr-82(n,a)Se-79m	TALYS-6a	0	[2]	100
Kr-82(n,2a)Ge-75g	TALYS-6a	0		35
Kr-82(n,2a)Ge-75m	TALYS-6a	0		35
Kr-82(n,2p)Se-81g	TALYS-6a	0		36
Kr-82(n,2p)Se-81m	TALYS-6a	0		36
Kr-82(n,pa)As-78	TALYS-6a	0	[8]	33
Kr-82(n,pd)Se-80	TALYS-6a	0	[8]	29
Kr-82(n,pt)Se-79g	TALYS-6a	0		25
Kr-82(n,pt)Se-79m	TALYS-6a	0		25
Kr-82(n,da)As-77	TALYS-6a	0	[8]	27
Kr-82(n,5n)Kr-78	TALYS-6a	0		12
Kr-82(n,6n)Kr-77	TALYS-6a	0		6
Kr-82(n,2nt)Br-78	TALYS-6a	0		16
Kr-82(n,ta)As-76	TALYS-6a	0	[8]	23
Kr-82(n,4np)Br-78	TALYS-6a	0		12
Kr-82(n,3nd)Br-78	TALYS-6a	0		13
Kr-82(n,n'da)As-76	TALYS-6a	0	[8]	17
Kr-82(n,2npa)As-76	TALYS-6a	0	[8]	16
Kr-82(n,5np)Br-77g	TALYS-6a	0		8
Kr-82(n,5np)Br-77m	TALYS-6a	0		8
Kr-82(n,4na)Se-75	TALYS-6a	0	[8]	12
Kr-82(n,5na)Se-74	TALYS-6a	0	[8]	8
Kr-82(n,4nd)Br-77g	TALYS-6a	0		9
Kr-82(n,4nd)Br-77m	TALYS-6a	0		9
Kr-82(n,3nt)Br-77g	TALYS-6a	0		12
Kr-82(n,3nt)Br-77m	TALYS-6a	0		11
Kr-82(n,4nt)Br-76g	TALYS-6a	0		6
Kr-82(n,4nt)Br-76m	TALYS-6a	0		6
Kr-82(n,2nh)Se-78	TALYS-6a	0	[8]	17
Kr-82(n,3nh)Se-77g	TALYS-6a	0		12
Kr-82(n,3nh)Se-77m	TALYS-6a	0		12
Kr-82(n,4nh)Se-76	TALYS-6a	0	[8]	8
Kr-82(n,3n2p)Se-78	TALYS-6a	0	[8]	13
Kr-82(n,3n2a)Ge-72	TALYS-6a	0	[8]	13
Kr-82(n,3npa)As-75	TALYS-6a	0	[8]	12
Kr-82(n,dt)Se-78	TALYS-6a	0	[8]	19
Kr-82(n,n'pd)Se-79g	TALYS-6a	0		19
Kr-82(n,n'pd)Se-79m	TALYS-6a	0		19
Kr-82(n,n'pt)Se-78	TALYS-6a	0	[8]	18
Kr-82(n,n'dt)Se-77g	TALYS-6a	0		12
Kr-82(n,n'dt)Se-77m	TALYS-6a	0		12
Kr-82(n,n'ph)As-78	TALYS-6a	0	[8]	14
Kr-82(n,n'dh)As-77	TALYS-6a	0	[8]	11
Kr-82(n,n'ta)As-75	TALYS-6a	0	[8]	16
Kr-82(n,2n2p)Se-79g	TALYS-6a	0		17
Kr-82(n,2n2p)Se-79m	TALYS-6a	0		17
Kr-82(n,ph)As-79	TALYS-6a	0	[8]	20
Kr-82(n,4n2p)Se-77g	TALYS-6a	0		8
Kr-82(n,4n2p)Se-77m	TALYS-6a	0		8
Kr-82(n,4npa)As-74	TALYS-6a	0	[8]	7
Kr-82(n,n'3p)As-79	TALYS-6a	0	[8]	14
Kr-83(n,n')Kr-83m	TALYS-6a	0		91
Kr-83(n,2nd)Br-80g	TALYS-6a	0		20
Kr-83(n,2nd)Br-80m	TALYS-6a	0		20
Kr-83(n,2n)Kr-82	TALYS-6a	0		48
Kr-83(n,3n)Kr-81g	TALYS-6a	0		28
Kr-83(n,3n)Kr-81m	TALYS-6a	0		28
Kr-83(n,n'a)Se-79g	TALYS-6a	0		44
Kr-83(n,n'a)Se-79m	TALYS-6a	0		44
Kr-83(n,2na)Se-78	TALYS-6a	0	[8]	31
Kr-83(n,3na)Se-77g	TALYS-6a	0		20
Kr-83(n,3na)Se-77m	TALYS-6a	0		20
Kr-83(n,n'p)Br-82g	TALYS-6a	0		41
Kr-83(n,n'p)Br-82m	TALYS-6a	0		41
Kr-83(n,n'2a)Ge-75g	TALYS-6a	0		25
Kr-83(n,n'2a)Ge-75m	TALYS-6a	0		25
Kr-83(n,2n2a)Ge-74	TALYS-6a	0	[8]	19
Kr-83(n,n'd)Br-81	TALYS-6a	0		31
Kr-83(n,n't)Br-80g	TALYS-6a	0		26

Reaction	Library	Flag	Refs	Value
Kr-83(n,n't)Br-80m	TALYS-6a	0		26
Kr-83(n,n'h)Se-80	TALYS-6a	0	[8]	26
Kr-83(n,4n)Kr-80	TALYS-6a	0		20
Kr-83(n,2np)Br-81	TALYS-6a	0		29
Kr-83(n,3np)Br-80g	TALYS-6a	0		18
Kr-83(n,3np)Br-80m	TALYS-6a	0		18
Kr-83(n,n'2p)Se-81g	TALYS-6a	0		26
Kr-83(n,n'2p)Se-81m	TALYS-6a	0		26
Kr-83(n,n'pa)As-78	TALYS-6a	0	[8]	24
Kr-83(n,g)Kr-84	JEF-2.2	4	[9,2,10]	1081
Kr-83(n,p)Br-83	TALYS-6	2	[3,8]	85
Kr-83(n,d)Br-82g	TALYS-6a	0		45
Kr-83(n,d)Br-82m	TALYS-6a	0		45
Kr-83(n,t)Br-81	TALYS-6a	0	[8]	42
Kr-83(n,h)Se-81g	TALYS-6a	0		35
Kr-83(n,h)Se-81m	TALYS-6a	0		35
Kr-83(n,a)Se-80	TALYS-6a	0	[9,2,3]	1026
Kr-83(n,2a)Ge-76	TALYS-6a	0	[8]	39
Kr-83(n,2p)Se-82	TALYS-6a	0	[8]	40
Kr-83(n,pa)As-79	TALYS-6a	0	[8]	36
Kr-83(n,pd)Se-81g	TALYS-6a	0		28
Kr-83(n,pd)Se-81m	TALYS-6a	0		28
Kr-83(n,pt)Se-80	TALYS-6a	0	[8]	28
Kr-83(n,da)As-78	TALYS-6a	0	[8]	26
Kr-83(n,5n)Kr-79g	TALYS-6a	0		12
Kr-83(n,5n)Kr-79m	TALYS-6a	0		12
Kr-83(n,6n)Kr-78	TALYS-6a	0		8
Kr-83(n,2nt)Br-79g	TALYS-6a	0		18
Kr-83(n,2nt)Br-79m	TALYS-6a	0		18
Kr-83(n,ta)As-77	TALYS-6a	0	[8]	26
Kr-83(n,4np)Br-79g	TALYS-6a	0		13
Kr-83(n,4np)Br-79m	TALYS-6a	0		13
Kr-83(n,3nd)Br-79g	TALYS-6a	0		14
Kr-83(n,3nd)Br-79m	TALYS-6a	0		14
Kr-83(n,n'da)As-77	TALYS-6a	0	[8]	20
Kr-83(n,2npa)As-77	TALYS-6a	0	[8]	18
Kr-83(n,5np)Br-78	TALYS-6a	0		8
Kr-83(n,4na)Se-76	TALYS-6a	0	[8]	14
Kr-83(n,5na)Se-75	TALYS-6a	0	[8]	8
Kr-83(n,4nd)Br-78	TALYS-6a	0		9
Kr-83(n,5nd)Br-77g	TALYS-6a	0		5
Kr-83(n,5nd)Br-77m	TALYS-6a	0		5
Kr-83(n,3nt)Br-78	TALYS-6a	0		12
Kr-83(n,4nt)Br-77g	TALYS-6a	0		8
Kr-83(n,4nt)Br-77m	TALYS-6a	0		8
Kr-83(n,2nh)Se-79g	TALYS-6a	0		17
Kr-83(n,2nh)Se-79m	TALYS-6a	0		17
Kr-83(n,3nh)Se-78	TALYS-6a	0	[8]	13
Kr-83(n,4nh)Se-77g	TALYS-6a	0		8
Kr-83(n,4nh)Se-77m	TALYS-6a	0		8
Kr-83(n,3n2p)Se-79g	TALYS-6a	0		13
Kr-83(n,3n2p)Se-79m	TALYS-6a	0		13
Kr-83(n,3n2a)Ge-73g	TALYS-6a	0		12
Kr-83(n,3n2a)Ge-73m	TALYS-6a	0		12
Kr-83(n,3npa)As-76	TALYS-6a	0	[8]	12
Kr-83(n,dt)Se-79g	TALYS-6a	0		18
Kr-83(n,dt)Se-79m	TALYS-6a	0		18
Kr-83(n,n'pd)Se-80	TALYS-6a	0	[8]	21
Kr-83(n,n'pt)Se-79g	TALYS-6a	0		17
Kr-83(n,n'pt)Se-79m	TALYS-6a	0		17
Kr-83(n,n'dt)Se-78	TALYS-6a	0	[8]	14
Kr-83(n,n'ph)As-79	TALYS-6a	0	[8]	14
Kr-83(n,n'dh)As-78	TALYS-6a	0	[8]	11
Kr-83(n,n'ta)As-76	TALYS-6a	0	[8]	16
Kr-83(n,2n2p)Se-80	TALYS-6a	0	[8]	19
Kr-83(n,4n2p)Se-78	TALYS-6a	0	[8]	9
Kr-83(n,4n2a)Ge-72	TALYS-6a	0	[8]	9
Kr-83(n,4npa)As-75	TALYS-6a	0	[8]	8
Kr-83(n,n'3p)As-80	TALYS-6a	0	[8]	14
Kr-84(n,2nd)Br-81	TALYS-6a	0	[8]	20
Kr-84(n,2n)Kr-83g	TALYS-6a	0		40
Kr-84(n,2n)Kr-83m	TALYS-6a	0		40
Kr-84(n,3n)Kr-82	TALYS-6a	0		28
Kr-84(n,n'a)Se-80	TALYS-6a	0	[8]	43
Kr-84(n,2na)Se-79g	TALYS-6a	0		27
Kr-84(n,2na)Se-79m	TALYS-6a	0		27
Kr-84(n,3na)Se-78	TALYS-6a	0	[8]	20
Kr-84(n,n'p)Br-83	TALYS-6a	0	[8]	39
Kr-84(n,n'2a)Ge-76	TALYS-6a	0	[8]	24
Kr-84(n,2n2a)Ge-75g	TALYS-6a	0		15
Kr-84(n,2n2a)Ge-75m	TALYS-6a	0		15
Kr-84(n,n'd)Br-82g	TALYS-6a	0		27
Kr-84(n,n'd)Br-82m	TALYS-6a	0		27
Kr-84(n,n't)Br-81	TALYS-6a	0	[8]	26
Kr-84(n,n'h)Se-81g	TALYS-6a	0		23
Kr-84(n,n'h)Se-81m	TALYS-6a	0		23
Kr-84(n,4n)Kr-81g	TALYS-6a	0		17
Kr-84(n,4n)Kr-81m	TALYS-6a	0		17
Kr-84(n,2np)Br-82g	TALYS-6a	0		26
Kr-84(n,2np)Br-82m	TALYS-6a	0		26
Kr-84(n,3np)Br-81	TALYS-6a	0		18
Kr-84(n,n'2p)Se-82	TALYS-6a	0	[8]	25
Kr-84(n,n'pa)As-79	TALYS-6a	0	[8]	23
Kr-84(n,g)Kr-85g	JEF-2.2	2	[9,2,4,6,15,10]	1426
Kr-84(n,g)Kr-85m	JEF-2.2	2	[9,2,4,6,15,10]	1426
Kr-84(n,p)Br-84g	TALYS-5	2	[2]	66
Kr-84(n,p)Br-84m	TALYS-6a	0	[2]	62
Kr-84(n,d)Br-83	TALYS-6a	0	[8]	43
Kr-84(n,t)Br-82g	TALYS-6a	0		36
Kr-84(n,t)Br-82m	TALYS-6a	0		36
Kr-84(n,h)Se-82	TALYS-6a	0	[8]	33
Kr-84(n,a)Se-81g	TALYS-6a	0	[2]	74
Kr-84(n,a)Se-81m	TALYS-6a	0	[2]	73
Kr-84(n,2a)Ge-77g	TALYS-6a	0		30
Kr-84(n,2a)Ge-77m	TALYS-6a	0		30
Kr-84(n,2p)Se-83g	TALYS-6a	0		31
Kr-84(n,2p)Se-83m	TALYS-6a	0		30
Kr-84(n,pa)As-80	TALYS-6a	0	[8]	30
Kr-84(n,pd)Se-82	TALYS-6a	0	[8]	27
Kr-84(n,pt)Se-81g	TALYS-6a	0		23
Kr-84(n,pt)Se-81m	TALYS-6a	0		23
Kr-84(n,da)As-79	TALYS-6a	0	[8]	25
Kr-84(n,5n)Kr-80	TALYS-6a	0		13
Kr-84(n,6n)Kr-79g	TALYS-6a	0		7
Kr-84(n,6n)Kr-79m	TALYS-6a	0		7
Kr-84(n,2nt)Br-80g	TALYS-6a	0		16
Kr-84(n,2nt)Br-80m	TALYS-6a	0		16
Kr-84(n,ta)As-78	TALYS-6a	0	[8]	21
Kr-84(n,4np)Br-80g	TALYS-6a	0		12
Kr-84(n,4np)Br-80m	TALYS-6a	0		12
Kr-84(n,3nd)Br-80g	TALYS-6a	0		13
Kr-84(n,3nd)Br-80m	TALYS-6a	0		13
Kr-84(n,n'da)As-78	TALYS-6a	0	[8]	16
Kr-84(n,2npa)As-78	TALYS-6a	0	[8]	15
Kr-84(n,5np)Br-79g	TALYS-6a	0		8
Kr-84(n,5np)Br-79m	TALYS-6a	0		8
Kr-84(n,4na)Se-77g	TALYS-6a	0		13
Kr-84(n,4na)Se-77m	TALYS-6a	0		13
Kr-84(n,5na)Se-76	TALYS-6a	0	[8]	9
Kr-84(n,4nd)Br-79g	TALYS-6a	0		9
Kr-84(n,4nd)Br-79m	TALYS-6a	0		9
Kr-84(n,3nt)Br-79g	TALYS-6a	0		12
Kr-84(n,3nt)Br-79m	TALYS-6a	0		12
Kr-84(n,4nt)Br-78	TALYS-6a	0		7
Kr-84(n,2nh)Se-80	TALYS-6a	0	[8]	16
Kr-84(n,3nh)Se-79g	TALYS-6a	0		11
Kr-84(n,3nh)Se-79m	TALYS-6a	0		11
Kr-84(n,4nh)Se-78	TALYS-6a	0	[8]	8
Kr-84(n,3n2p)Se-80	TALYS-6a	0	[8]	13
Kr-84(n,3n2a)Ge-74	TALYS-6a	0	[8]	12
Kr-84(n,3npa)As-77	TALYS-6a	0	[8]	12
Kr-84(n,dt)Se-80	TALYS-6a	0	[8]	18
Kr-84(n,n'pd)Se-81g	TALYS-6a	0		17
Kr-84(n,n'pd)Se-81m	TALYS-6a	0		17
Kr-84(n,n'pt)Se-80	TALYS-6a	0	[8]	17
Kr-84(n,n'dt)Se-79g	TALYS-6a	0		12
Kr-84(n,n'dt)Se-79m	TALYS-6a	0		12
Kr-84(n,n'ph)As-80	TALYS-6a	0	[8]	12
Kr-84(n,n'ta)As-77	TALYS-6a	0	[8]	16
Kr-84(n,2n2p)Se-81g	TALYS-6a	0		16
Kr-84(n,2n2p)Se-81m	TALYS-6a	0		16
Kr-84(n,4n2p)Se-79g	TALYS-6a	0		8
Kr-84(n,4n2p)Se-79m	TALYS-6a	0		7
Kr-85(n,n')Kr-85m	TALYS-6a	0		87
Kr-85(n,2nd)Br-82g	TALYS-6a	0		21
Kr-85(n,2nd)Br-82m	TALYS-6a	0		20
Kr-85(n,2n)Kr-84	TALYS-6a	0		49
Kr-85(n,3n)Kr-83g	TALYS-6a	0		29
Kr-85(n,3n)Kr-83m	TALYS-6a	0		29
Kr-85(n,n'a)Se-81g	TALYS-6a	0		42
Kr-85(n,n'a)Se-81m	TALYS-6a	0		42
Kr-85(n,2na)Se-80	TALYS-6a	0	[8]	30
Kr-85(n,3na)Se-79g	TALYS-6a	0		20
Kr-85(n,3na)Se-79m	TALYS-6a	0		19
Kr-85(n,n'p)Br-84g	TALYS-6a	0		39
Kr-85(n,n'p)Br-84m	TALYS-6a	0		38
Kr-85(n,n'2a)Ge-77g	TALYS-6a	0		23
Kr-85(n,n'2a)Ge-77m	TALYS-6a	0		22
Kr-85(n,2n2a)Ge-76	TALYS-6a	0	[8]	16
Kr-85(n,n'd)Br-83	TALYS-6a	0	[8]	30
Kr-85(n,n't)Br-82g	TALYS-6a	0		26
Kr-85(n,n't)Br-82m	TALYS-6a	0		26
Kr-85(n,n'h)Se-82	TALYS-6a	0	[8]	25
Kr-85(n,4n)Kr-82	TALYS-6a	0		21
Kr-85(n,2np)Br-83	TALYS-6a	0		28
Kr-85(n,3np)Br-82g	TALYS-6a	0		19
Kr-85(n,3np)Br-82m	TALYS-6a	0		19
Kr-85(n,n'2p)Se-83g	TALYS-6a	0		23
Kr-85(n,n'2p)Se-83m	TALYS-6a	0		23
Kr-85(n,n'pa)As-80	TALYS-6a	0	[8]	22
Kr-85(n,g)Kr-86	JEF-2.2	2	[13]	427
Kr-85(n,p)Br-85	TALYS-6a	0	[2,8]	73
Kr-85(n,d)Br-84g	TALYS-6a	0		42
Kr-85(n,d)Br-84m	TALYS-6a	0		42
Kr-85(n,t)Br-83	TALYS-6a	0	[8]	41
Kr-85(n,h)Se-83g	TALYS-6a	0		31
Kr-85(n,h)Se-83m	TALYS-6a	0		31
Kr-85(n,a)Se-82	TALYS-6a	0	[2]	100
Kr-85(n,2a)Ge-78	TALYS-6a	0	[8]	32
Kr-85(n,2p)Se-84	TALYS-6a	0	[8]	33
Kr-85(n,pa)As-81	TALYS-6a	0	[8]	31
Kr-85(n,pd)Se-83g	TALYS-6a	0		25
Kr-85(n,pd)Se-83m	TALYS-6a	0		25
Kr-85(n,pt)Se-82	TALYS-6a	0	[8]	26
Kr-85(n,da)As-80	TALYS-6a	0	[8]	23
Kr-85(n,5n)Kr-81g	TALYS-6a	0		13
Kr-85(n,5n)Kr-81m	TALYS-6a	0		13
Kr-85(n,6n)Kr-80	TALYS-6a	0		9
Kr-85(n,2nt)Br-81	TALYS-6a	0	[8]	19
Kr-85(n,ta)As-79	TALYS-6a	0	[8]	23
Kr-85(n,4np)Br-81	TALYS-6a	0		14
Kr-85(n,3nd)Br-81	TALYS-6a	0		15
Kr-85(n,n'da)As-79	TALYS-6a	0	[8]	17
Kr-85(n,2npa)As-79	TALYS-6a	0	[8]	16
Kr-85(n,7n)Kr-79g	TALYS-6a	0		3
Kr-85(n,7n)Kr-79m	TALYS-6a	0		3
Kr-85(n,5np)Br-80g	TALYS-6a	0		9
Kr-85(n,5np)Br-80m	TALYS-6a	0		9
Kr-85(n,4na)Se-78	TALYS-6a	0	[8]	14
Kr-85(n,5na)Se-77g	TALYS-6a	0		9
Kr-85(n,5na)Se-77m	TALYS-6a	0		9
Kr-85(n,4nd)Br-80g	TALYS-6a	0		10
Kr-85(n,4nd)Br-80m	TALYS-6a	0		10
Kr-85(n,5nd)Br-79m	TALYS-6a	0		6
Kr-85(n,3nt)Br-80g	TALYS-6a	0		12
Kr-85(n,3nt)Br-80m	TALYS-6a	0		12
Kr-85(n,4nt)Br-79g	TALYS-6a	0		8

Reaction	Library		refs	value
Kr-85(n,4nt)Br-79m	TALYS-6a	0		8
Kr-85(n,2nh)Se-81g	TALYS-6a	0		16
Kr-85(n,2nh)Se-81m	TALYS-6a	0		16
Kr-85(n,3nh)Se-80	TALYS-6a	0	[8]	13
Kr-85(n,4nh)Se-79g	TALYS-6a	0		8
Kr-85(n,4nh)Se-79m	TALYS-6a	0		8
Kr-85(n,3n2p)Se-81g	TALYS-6a	0		12
Kr-85(n,3n2p)Se-81m	TALYS-6a	0		12
Kr-85(n,3n2a)Ge-75g	TALYS-6a	0		11
Kr-85(n,3n2a)Ge-75m	TALYS-6a	0		11
Kr-85(n,3npa)As-78	TALYS-6a	0	[8]	11
Kr-85(n,n'pd)Se-82	TALYS-6a	0	[8]	19
Kr-85(n,n'pt)Se-81g	TALYS-6a	0		16
Kr-85(n,n'pt)Se-81m	TALYS-6a	0		16
Kr-85(n,n'dt)Se-80	TALYS-6a	0	[8]	13
Kr-85(n,n'ph)Se-81	TALYS-6a	0	[8]	13
Kr-85(n,n'ta)As-78	TALYS-6a	0	[8]	15
Kr-85(n,2n2p)Se-82	TALYS-6a	0	[8]	17
Kr-85(n,4n2p)Se-80	TALYS-6a	0	[8]	9
Kr-85(n,4n2a)Ge-74	TALYS-6a	0	[8]	8
Kr-85(n,4npa)As-77	TALYS-6a	0	[8]	8
Kr-86(n,2nd)Br-83	TALYS-6a	0	[8]	20
Kr-86(n,2n)Kr-85g	TALYS-6a	0		42
Kr-86(n,2n)Kr-85m	JEF-2.2	2	[13,4,7,8]	113
Kr-86(n,3n)Kr-84	TALYS-6a	0		29
Kr-86(n,n'a)Se-82	TALYS-6a	0	[8]	41
Kr-86(n,2na)Se-81g	TALYS-6a	0		26
Kr-86(n,2na)Se-81m	TALYS-6a	0		26
Kr-86(n,3na)Se-80	TALYS-6a	0	[8]	20
Kr-86(n,n'p)Br-85	TALYS-6a	0	[8]	36
Kr-86(n,n'2a)Ge-78	TALYS-6a	0	[8]	21
Kr-86(n,2n2a)Ge-77g	TALYS-6a	0		14
Kr-86(n,2n2a)Ge-77m	TALYS-6a	0		14
Kr-86(n,n'd)Br-84g	TALYS-6a	0		27
Kr-86(n,n'd)Br-84m	TALYS-6a	0		27
Kr-86(n,n't)Br-83	TALYS-6a	0	[8]	26
Kr-86(n,n'h)Se-83g	TALYS-6a	0		21
Kr-86(n,n'h)Se-83m	TALYS-6a	0		20
Kr-86(n,4n)Kr-83g	TALYS-6a	0		19
Kr-86(n,4n)Kr-83m	TALYS-6a	0		19
Kr-86(n,2np)Br-84g	TALYS-6a	0		25
Kr-86(n,2np)Br-84m	TALYS-6a	0		25
Kr-86(n,3np)Br-83	TALYS-6a	0		18
Kr-86(n,n'2p)Se-84	TALYS-6a	0	[8]	22
Kr-86(n,n'pa)As-81	TALYS-6a	0	[8]	20
>Kr-86(n,g)Kr-87	ENDF/B-VII	4	[13]	14506
Kr-86(n,p)Br-86	JEF-2.2	2	[13,3,7,8]	34
Kr-86(n,d)Br-85	TALYS-6a	0	[8]	41
Kr-86(n,t)Br-84g	TALYS-6a	0		35
Kr-86(n,t)Br-84m	TALYS-6a	0		34
Kr-86(n,h)Se-84	TALYS-6a	0	[8]	30
>Kr-86(n,a)Se-83g	TALYS-6a	2		64
>Kr-86(n,a)Se-83m	TALYS-6a	2		63
Kr-86(n,2p)Se-85	TALYS-6a	0	[8]	25
Kr-86(n,pa)As-82g	TALYS-6a	0	[4,8,7,8]	26
Kr-86(n,pa)As-82m	TALYS-6a	0	[4,7,8,8]	25
Kr-86(n,pd)Se-84	TALYS-6a	0	[8]	24
Kr-86(n,pt)Se-83g	TALYS-6a	0		21
Kr-86(n,pt)Se-83m	TALYS-6a	0		21
Kr-86(n,da)As-81	TALYS-6a	0	[8]	22
Kr-86(n,5n)Kr-82	TALYS-6a	0		14
Kr-86(n,6n)Kr-81g	TALYS-6a	0		8
Kr-86(n,6n)Kr-81m	TALYS-6a	0		8
Kr-86(n,2nt)Br-82g	TALYS-6a	0		16
Kr-86(n,2nt)Br-82m	TALYS-6a	0		16
Kr-86(n,ta)As-80	TALYS-6a	0	[8]	20
Kr-86(n,4np)Br-82g	TALYS-6a	0		13
Kr-86(n,4np)Br-82m	TALYS-6a	0		13
Kr-86(n,3nd)Br-82g	TALYS-6a	0		14
Kr-86(n,3nd)Br-82m	TALYS-6a	0		13
Kr-86(n,n'da)As-80	TALYS-6a	0	[8]	15
Kr-86(n,2npa)As-80	TALYS-6a	0	[8]	14
Kr-86(n,7n)Kr-80	TALYS-6a	0		4
Kr-86(n,5np)Br-81	TALYS-6a	0		9
Kr-86(n,4na)Se-79g	TALYS-6a	0		13
Kr-86(n,4na)Se-79m	TALYS-6a	0		13
Kr-86(n,5na)Se-78	TALYS-6a	0	[8]	9
Kr-86(n,4nd)Br-81	TALYS-6a	0		10
Kr-86(n,5nd)Br-80g	TALYS-6a	0		5
Kr-86(n,5nd)Br-80m	TALYS-6a	0		5
Kr-86(n,3nt)Br-81	TALYS-6a	0		13
Kr-86(n,4nt)Br-80g	TALYS-6a	0		7
Kr-86(n,4nt)Br-80m	TALYS-6a	0		7
Kr-86(n,2nh)Se-82	TALYS-6a	0	[8]	16
Kr-86(n,3nh)Se-81g	TALYS-6a	0		11
Kr-86(n,3nh)Se-81m	TALYS-6a	0		11
Kr-86(n,4nh)Se-80	TALYS-6a	0	[8]	8
Kr-86(n,3n2p)Se-82	TALYS-6a	0	[8]	12
Kr-86(n,3n2a)Ge-76	TALYS-6a	0	[8]	11
Kr-86(n,3npa)As-79	TALYS-6a	0	[8]	11
Kr-86(n,n'pd)Se-83g	TALYS-6a	0		16
Kr-86(n,n'pd)Se-83m	TALYS-6a	0		16
Kr-86(n,n'pt)Se-82	TALYS-6a	0	[8]	16
Kr-86(n,n'dt)Se-81g	TALYS-6a	0		12
Kr-86(n,n'dt)Se-81m	TALYS-6a	0		12
Kr-86(n,n'ta)As-79	TALYS-6a	0	[8]	15
Kr-86(n,2n2p)Se-83g	TALYS-6a	0		15
Kr-86(n,2n2p)Se-83m	TALYS-6a	0		15
Kr-86(n,4n2p)Se-81g	TALYS-6a	0		7
Kr-86(n,4n2p)Se-81m	TALYS-6a	0		7
Rb-82m(n,2nd)Kr-79g	TALYS-6a	0		23
Rb-82m(n,2nd)Kr-79m	TALYS-6a	0		23
Rb-82m(n,2n)Rb-81g	TALYS-6a	0		44
Rb-82m(n,2n)Rb-81m	TALYS-6a	0		44
Rb-82m(n,3n)Rb-80	TALYS-6a	0		26
Rb-82m(n,n'a)Br-78	TALYS-6a	0	[8]	49
Rb-82m(n,n'3a)Ga-70	TALYS-6a	0	[8]	16
Rb-82m(n,2na)Br-77g	TALYS-6a	0		31
Rb-82m(n,2na)Br-77m	TALYS-6a	0		31
Rb-82m(n,3na)Br-76g	TALYS-6a	0		19
Rb-82m(n,3na)Br-76m	TALYS-6a	0		19
Rb-82m(n,n'p)Kr-81g	TALYS-6a	0		54
Rb-82m(n,n'p)Kr-81m	TALYS-6a	0		53
Rb-82m(n,n'2a)As-74	TALYS-6a	0	[8]	29
Rb-82m(n,2n2a)As-73	TALYS-6a	0	[8]	20
Rb-82m(n,n'd)Kr-80	TALYS-6a	0	[8]	37
Rb-82m(n,n't)Kr-79g	TALYS-6a	0		29
Rb-82m(n,n't)Kr-79m	TALYS-6a	0		29
Rb-82m(n,n'h)Br-79g	TALYS-6a	0		29
Rb-82m(n,n'h)Br-79m	TALYS-6a	0		28
Rb-82m(n,n'd2a)Ge-72	TALYS-6a	0	[8]	15
+Rb-82m(n,n't2a)Ge-71g	TALYS-6a	0	[4,8]	12
+Rb-82m(n,n't2a)Ge-71m	TALYS-6a	0	[4,7,8,8]	11
Rb-82m(n,4n)Rb-79	TALYS-6a	0		17
Rb-82m(n,2np)Kr-80	TALYS-6a	0		34
Rb-82m(n,3np)Kr-79g	TALYS-6a	0		21
Rb-82m(n,3np)Kr-79m	TALYS-6a	0		21
Rb-82m(n,n'2p)Br-80g	TALYS-6a	0		30
Rb-82m(n,n'2p)Br-80m	TALYS-6a	0		30
Rb-82m(n,n'pa)Se-77g	TALYS-6a	0		31
Rb-82m(n,n'pa)Se-77m	TALYS-6a	0		31
Rb-82m(n,g)Rb-83	TALYS-6a	0	[14]	100
Rb-82m(n,p)Kr-82	TALYS-6a	0	[2]	100
Rb-82m(n,d)Kr-81g	TALYS-6a	0		65
Rb-82m(n,d)Kr-81m	TALYS-6a	0		63
Rb-82m(n,t)Kr-80	TALYS-6a	0	[8]	55
Rb-82m(n,h)Br-80g	TALYS-6a	0		42
Rb-82m(n,h)Br-80m	TALYS-6a	0		42
Rb-82m(n,a)Br-79g	TALYS-6a	0	[2]	100
Rb-82m(n,a)Br-79m	TALYS-6a	0	[2]	100
Rb-82m(n,2a)As-75	TALYS-6a	0		100
Rb-82m(n,2p)Br-81	TALYS-6a	0	[8]	55
Rb-82m(n,pa)Se-78	TALYS-6a	0	[8]	64
Rb-82m(n,t2a)Ge-72	TALYS-6a	0	[8]	19
Rb-82m(n,d2a)Ge-73g	TALYS-6a	0		20
Rb-82m(n,d2a)Ge-73m	TALYS-6a	0		19
Rb-82m(n,pd)Br-80g	TALYS-6a	0		31
Rb-82m(n,pd)Br-80m	TALYS-6a	0		31
Rb-82m(n,pt)Br-79g	TALYS-6a	0		30
Rb-82m(n,pt)Br-79m	TALYS-6a	0		30
Rb-82m(n,da)Se-77g	TALYS-6a	0		33
Rb-82m(n,da)Se-77m	TALYS-6a	0		34
Rb-82m(n,5n)Rb-78g	TALYS-6a	0	[4]	11
Rb-82m(n,5n)Rb-78m	TALYS-6a	0	[4,7,8]	9
Rb-82m(n,6n)Rb-77	TALYS-6a	0		5
Rb-82m(n,2nt)Kr-78	TALYS-6a	0	[8]	20
Rb-82m(n,ta)Se-76	TALYS-6a	0	[8]	31
Rb-82m(n,4np)Kr-78	TALYS-6a	0		15
Rb-82m(n,3nd)Kr-78	TALYS-6a	0	[8]	15
Rb-82m(n,n'da)Se-76	TALYS-6a	0	[8]	25
Rb-82m(n,2npa)Se-76	TALYS-6a	0	[8]	23
Rb-82m(n,5np)Kr-77	TALYS-6a	0		8
Rb-82m(n,4na)Br-75	TALYS-6a	0	[8]	13
Rb-82m(n,5na)Br-74g	TALYS-6a	0		7
Rb-82m(n,5na)Br-74m	TALYS-6a	0		7
Rb-82m(n,4nd)Kr-77	TALYS-6a	0	[8]	9
Rb-82m(n,3nt)Kr-77	TALYS-6a	0	[8]	12
Rb-82m(n,4nt)Kr-76	TALYS-6a	0		8
Rb-82m(n,2nh)Br-78	TALYS-6a	0	[8]	18
Rb-82m(n,3nh)Br-77g	TALYS-6a	0		13
Rb-82m(n,3nh)Br-77m	TALYS-6a	0		13
Rb-82m(n,4nh)Br-76g	TALYS-6a	0		8
Rb-82m(n,4nh)Br-76m	TALYS-6a	0		8
Rb-82m(n,3n2p)Br-78	TALYS-6a	0	[8]	14
Rb-82m(n,3n2a)As-72	TALYS-6a	0	[8]	13
Rb-82m(n,3npa)Se-75	TALYS-6a	0	[8]	14
Rb-82m(n,dt)Br-78	TALYS-6a	0	[8]	20
Rb-82m(n,n'pd)Br-79g	TALYS-6a	0		24
Rb-82m(n,n'pd)Br-79m	TALYS-6a	0		23
Rb-82m(n,n'pt)Br-78	TALYS-6a	0	[8]	19
Rb-82m(n,n'dt)Br-77g	TALYS-6a	0		14
Rb-82m(n,n'dt)Br-77m	TALYS-6a	0		14
Rb-82m(n,n'ph)Se-78	TALYS-6a	0	[8]	20
Rb-82m(n,n'dh)Se-77g	TALYS-6a	0		13
Rb-82m(n,n'dh)Se-77m	TALYS-6a	0		14
Rb-82m(n,n'th)Se-76	TALYS-6a	0	[8]	12
Rb-82m(n,n'ta)Se-75	TALYS-6a	0	[8]	20
Rb-82m(n,2n2p)Br-79g	TALYS-6a	0		22
Rb-82m(n,2n2p)Br-79m	TALYS-6a	0		22
Rb-82m(n,ph)Se-79g	TALYS-6a	0		27
Rb-82m(n,ph)Se-79m	TALYS-6a	0		27
Rb-82m(n,dh)Se-78	TALYS-6a	0	[8]	21
Rb-82m(n,ha)As-76	TALYS-6a	0	[8]	24
Rb-82m(n,4n2p)Br-77g	TALYS-6a	0		10
Rb-82m(n,4n2p)Br-77m	TALYS-6a	0		10
Rb-82m(n,4n2a)As-71	TALYS-6a	0	[8]	8
Rb-82m(n,4npa)Se-74	TALYS-6a	0	[8]	10
Rb-82m(n,3p)Se-80	TALYS-6a	0	[8]	30
Rb-82m(n,n'3p)Se-79g	TALYS-6a	0		20
Rb-82m(n,n'3p)Se-79m	TALYS-6a	0		19
Rb-82m(n,3n2pa)As-74	TALYS-6a	0	[8]	8
Rb-83(n,2nd)Kr-80	TALYS-6a	0	[8]	23
Rb-83(n,2n)Rb-82g	TALYS-6a	0		39
Rb-83(n,2n)Rb-82m	TALYS-6a	0		39
Rb-83(n,3n)Rb-81g	TALYS-6a	0		26
Rb-83(n,3n)Rb-81m	TALYS-6a	0		26
Rb-83(n,n'a)Br-79g	TALYS-6a	0		48
Rb-83(n,n'a)Br-79m	TALYS-6a	0		47
Rb-83(n,n'3a)Ga-71	TALYS-6a	0	[8]	16
Rb-83(n,2na)Br-78	TALYS-6a	0	[8]	28
Rb-83(n,3na)Br-77g	TALYS-6a	0		19
Rb-83(n,3na)Br-77m	TALYS-6a	0		19
Rb-83(n,n'p)Kr-82	TALYS-6a	0		54
Rb-83(n,n'2a)As-75	TALYS-6a	0	[8]	28
Rb-83(n,2n2a)As-74	TALYS-6a	0	[8]	17
Rb-83(n,n'd)Kr-81g	TALYS-6a	0		31
Rb-83(n,n'd)Kr-81m	TALYS-6a	0		31

Reaction	Library		Refs	Value
Rb-83(n,n't)Kr-80	TALYS-6a	0	[8]	29
Rb-83(n,n'h)Br-80g	TALYS-6a	0		25
Rb-83(n,n'h)Br-80m	TALYS-6a	0		25
Rb-83(n,n'd2a)Ge-73g	TALYS-6a	0		12
Rb-83(n,n'd2a)Ge-73m	TALYS-6a	0		12
Rb-83(n,n't2a)Ge-72	TALYS-6a	0	[8]	12
Rb-83(n,4n)Rb-80	TALYS-6a	0		16
Rb-83(n,2np)Kr-81g	TALYS-6a	0		29
Rb-83(n,2np)Kr-81m	TALYS-6a	0		29
Rb-83(n,3np)Kr-80	TALYS-6a	0	[8]	21
Rb-83(n,n'2p)Br-81	TALYS-6a	0	[8]	29
Rb-83(n,n'pa)Se-78	TALYS-6a	0	[8]	31
Rb-83(n,g)Rb-84g	MASGAM	0	[14,13,4,6]	83
Rb-83(n,g)Rb-84m	MASGAM	0	[14,7,13,4,6]	83
Rb-83(n,p)Kr-83g	TALYS-6a	0	[2]	100
Rb-83(n,p)Kr-83m	TALYS-6a	0	[2]	100
Rb-83(n,d)Kr-82	TALYS-6a	0	[8]	64
Rb-83(n,t)Kr-81g	TALYS-6a	0		43
Rb-83(n,t)Kr-81m	TALYS-6a	0		43
Rb-83(n,h)Br-81	TALYS-6a	0	[8]	40
Rb-83(n,a)Br-80g	TALYS-6a	0	[2]	100
Rb-83(n,a)Br-80m	TALYS-6a	0	[2]	100
Rb-83(n,2a)As-76	TALYS-6a	0	[8]	39
Rb-83(n,2p)Br-82g	TALYS-6a	0		42
Rb-83(n,2p)Br-82m	TALYS-6a	0		41
Rb-83(n,pa)Se-79g	TALYS-6a	0		44
Rb-83(n,pa)Se-79m	TALYS-6a	0		43
Rb-83(n,d2a)Ge-74	TALYS-6a	0	[8]	19
Rb-83(n,pd)Br-81	TALYS-6a	0	[8]	31
Rb-83(n,pt)Br-80g	TALYS-6a	0		26
Rb-83(n,pt)Br-80m	TALYS-6a	0		26
Rb-83(n,da)Se-78	TALYS-6a	0	[8]	33
Rb-83(n,5n)Rb-79	TALYS-6a	0		11
Rb-83(n,6n)Rb-78g	TALYS-6a	0	[4]	5
Rb-83(n,6n)Rb-78m	TALYS-6a	0	[4,7,8]	4
Rb-83(n,2nt)Kr-79g	TALYS-6a	0		18
Rb-83(n,2nt)Kr-79m	TALYS-6a	0		17
Rb-83(n,ta)Se-77g	TALYS-6a	0		27
Rb-83(n,ta)Se-77m	TALYS-6a	0		27
Rb-83(n,4np)Kr-79g	TALYS-6a	0		13
Rb-83(n,4np)Kr-79m	TALYS-6a	0		13
Rb-83(n,3nd)Kr-79g	TALYS-6a	0		14
Rb-83(n,3nd)Kr-79m	TALYS-6a	0		14
Rb-83(n,n'da)Se-77g	TALYS-6a	0		21
Rb-83(n,n'da)Se-77m	TALYS-6a	0		21
Rb-83(n,2npa)Se-77g	TALYS-6a	0		19
Rb-83(n,2npa)Se-77m	TALYS-6a	0		19
Rb-83(n,5np)Kr-78	TALYS-6a	0		9
Rb-83(n,4na)Br-76g	TALYS-6a	0		12
Rb-83(n,4na)Br-76m	TALYS-6a	0		12
Rb-83(n,5na)Br-75	TALYS-6a	0	[8]	7
Rb-83(n,4nd)Kr-78	TALYS-6a	0		10
Rb-83(n,3nt)Kr-78	TALYS-6a	0		13
Rb-83(n,4nt)Kr-77	TALYS-6a	0		7
Rb-83(n,2nh)Br-79g	TALYS-6a	0		18
Rb-83(n,2nh)Br-79m	TALYS-6a	0		18
Rb-83(n,3nh)Br-78	TALYS-6a	0	[8]	12
Rb-83(n,4nh)Br-77g	TALYS-6a	0		8
Rb-83(n,4nh)Br-77m	TALYS-6a	0		8
Rb-83(n,3n2p)Br-79g	TALYS-6a	0		14
Rb-83(n,3n2p)Br-79m	TALYS-6a	0		13
Rb-83(n,3n2a)As-73	TALYS-6a	0	[8]	13
Rb-83(n,3npa)Se-76	TALYS-6a	0	[8]	14
Rb-83(n,dt)Br-79g	TALYS-6a	0		19
Rb-83(n,dt)Br-79m	TALYS-6a	0		19
Rb-83(n,n'pd)Br-80g	TALYS-6a	0		20
Rb-83(n,n'pd)Br-80m	TALYS-6a	0		20
Rb-83(n,n'pt)Br-79g	TALYS-6a	0		18
Rb-83(n,n'pt)Br-79m	TALYS-6a	0		18
Rb-83(n,n'dt)Br-78	TALYS-6a	0	[8]	13
Rb-83(n,n'ph)Se-79g	TALYS-6a	0		16
Rb-83(n,n'ph)Se-79m	TALYS-6a	0		16
Rb-83(n,n'dh)Se-78	TALYS-6a	0	[8]	13
Rb-83(n,n'th)Se-77g	TALYS-6a	0		11
Rb-83(n,n'th)Se-77m	TALYS-6a	0		11
Rb-83(n,n'ta)Se-76	TALYS-6a	0	[8]	20
Rb-83(n,2n2p)Br-80g	TALYS-6a	0		18
Rb-83(n,2n2p)Br-80m	TALYS-6a	0		18
Rb-83(n,ph)Se-80	TALYS-6a	0	[8]	26
Rb-83(n,ha)As-77	TALYS-6a	0	[8]	24
Rb-83(n,4n2p)Br-78	TALYS-6a	0	[8]	8
Rb-83(n,4npa)Se-75	TALYS-6a	0	[8]	8
Rb-83(n,3p)Se-81g	TALYS-6a	0		25
Rb-83(n,3p)Se-81m	TALYS-6a	0		25
Rb-83(n,n'3p)Se-80	TALYS-6a	0	[8]	19
Rb-84(n,n')Rb-84m	TALYS-6a	0		86
Rb-84(n,2nd)Kr-81g	TALYS-6a	0		22
Rb-84(n,2nd)Kr-81m	TALYS-6a	0		22
Rb-84(n,2n)Rb-83	TALYS-6a	0		44
Rb-84(n,3n)Rb-82g	TALYS-6a	0		27
Rb-84(n,3n)Rb-82m	TALYS-6a	0		26
Rb-84(n,n'a)Br-80g	TALYS-6a	0		45
Rb-84(n,n'a)Br-80m	TALYS-6a	0		44
+Rb-84(n,n'3a)Ga-72g	TALYS-6a	0	[4,8]	13
+Rb-84(n,n'3a)Ga-72m	TALYS-6a	0	[4,7,8,8]	12
Rb-84(n,2na)Br-79g	TALYS-6a	0		30
Rb-84(n,2na)Br-79m	TALYS-6a	0		30
Rb-84(n,3na)Br-78	TALYS-6a	0	[8]	19
Rb-84(n,n'p)Kr-83g	TALYS-6a	0		48
Rb-84(n,n'p)Kr-83m	TALYS-6a	0		47
Rb-84(n,n'2a)As-76	TALYS-6a	0	[8]	26
Rb-84(n,2n2a)As-75	TALYS-6a	0	[8]	19
Rb-84(n,n'd)Kr-82	TALYS-6a	0	[8]	35
Rb-84(n,n't)Kr-81g	TALYS-6a	0		28
Rb-84(n,n't)Kr-81m	TALYS-6a	0		28
Rb-84(n,n'h)Br-81	TALYS-6a	0	[8]	27
Rb-84(n,n'd2a)Ge-74	TALYS-6a	0	[8]	13
Rb-84(n,4n)Rb-81g	TALYS-6a	0		18
Rb-84(n,4n)Rb-81m	TALYS-6a	0		18
Rb-84(n,2np)Kr-82	TALYS-6a	0		32
Rb-84(n,3np)Kr-81g	TALYS-6a	0		21
Rb-84(n,3np)Kr-81m	TALYS-6a	0		20
Rb-84(n,n'2p)Br-82g	TALYS-6a	0		27
Rb-84(n,n'2p)Br-82m	TALYS-6a	0		27
Rb-84(n,n'pa)Se-79g	TALYS-6a	0		28
Rb-84(n,n'pa)Se-79m	TALYS-6a	0		28
Rb-84(n,g)Rb-85	MASGAM	0	[14,13]	83
Rb-84(n,p)Kr-84	ADL-3	2	[13,8,10]	53
Rb-84(n,d)Kr-83g	TALYS-6a	0		58
Rb-84(n,d)Kr-83m	TALYS-6a	0		58
Rb-84(n,t)Kr-82	TALYS-6a	0	[8]	50
Rb-84(n,h)Br-82g	TALYS-6a	0		38
Rb-84(n,h)Br-82m	TALYS-6a	0		38
Rb-84(n,a)Br-81	TALYS-6a	0	[2]	100
Rb-84(n,2a)As-77	TALYS-6a	0	[8]	42
Rb-84(n,2p)Br-83	TALYS-6a	0	[8]	43
Rb-84(n,pa)Se-80	TALYS-6a	0	[8]	48
Rb-84(n,pd)Br-82g	TALYS-6a	0		29
Rb-84(n,pd)Br-82m	TALYS-6a	0		29
Rb-84(n,pt)Br-81	TALYS-6a	0	[8]	28
Rb-84(n,da)Se-79g	TALYS-6a	0		30
Rb-84(n,da)Se-79m	TALYS-6a	0		29
Rb-84(n,5n)Rb-80	TALYS-6a	0		11
Rb-84(n,6n)Rb-79	TALYS-6a	0		7
Rb-84(n,2nt)Kr-80	TALYS-6a	0	[8]	20
Rb-84(n,ta)Se-78	TALYS-6a	0	[8]	29
Rb-84(n,4np)Kr-80	TALYS-6a	0	[8]	14
Rb-84(n,3nd)Kr-80	TALYS-6a	0	[8]	15
Rb-84(n,n'da)Se-78	TALYS-6a	0	[8]	23
Rb-84(n,2npa)Se-78	TALYS-6a	0	[8]	21
Rb-84(n,5np)Kr-79g	TALYS-6a	0		9
Rb-84(n,5np)Kr-79m	TALYS-6a	0		9
Rb-84(n,4na)Br-77g	TALYS-6a	0		13
Rb-84(n,4na)Br-77m	TALYS-6a	0		13
Rb-84(n,5na)Br-76g	TALYS-6a	0		8
Rb-84(n,5na)Br-76m	TALYS-6a	0		8
Rb-84(n,4nd)Kr-79g	TALYS-6a	0		10
Rb-84(n,4nd)Kr-79m	TALYS-6a	0		10
Rb-84(n,5nd)Kr-78	TALYS-6a	0	[8]	5
Rb-84(n,3nt)Kr-79g	TALYS-6a	0		13
Rb-84(n,3nt)Kr-79m	TALYS-6a	0		12
Rb-84(n,4nt)Kr-78	TALYS-6a	0	[8]	8
Rb-84(n,2nh)Br-80g	TALYS-6a	0		17
Rb-84(n,2nh)Br-80m	TALYS-6a	0		17
Rb-84(n,3nh)Br-79g	TALYS-6a	0		13
Rb-84(n,3nh)Br-79m	TALYS-6a	0		13
Rb-84(n,4nh)Br-78	TALYS-6a	0	[8]	8
Rb-84(n,3n2p)Br-80g	TALYS-6a	0		13
Rb-84(n,3n2p)Br-80m	TALYS-6a	0		13
Rb-84(n,3n2a)As-74	TALYS-6a	0	[8]	12
Rb-84(n,3npa)Se-77g	TALYS-6a	0		13
Rb-84(n,3npa)Se-77m	TALYS-6a	0		13
Rb-84(n,dt)Br-80g	TALYS-6a	0		18
Rb-84(n,dt)Br-80m	TALYS-6a	0		18
Rb-84(n,n'pd)Br-81	TALYS-6a	0	[8]	22
Rb-84(n,n'pt)Br-80g	TALYS-6a	0		17
Rb-84(n,n'pt)Br-80m	TALYS-6a	0		17
Rb-84(n,n'dt)Br-79g	TALYS-6a	0		14
Rb-84(n,n'dt)Br-79m	TALYS-6a	0		13
Rb-84(n,n'ph)Se-80	TALYS-6a	0	[8]	17
Rb-84(n,n'dh)Se-79g	TALYS-6a	0		12
Rb-84(n,n'dh)Se-79m	TALYS-6a	0		12
Rb-84(n,n'th)Se-78	TALYS-6a	0	[8]	12
Rb-84(n,n'ta)Se-77g	TALYS-6a	0		18
Rb-84(n,n'ta)Se-77m	TALYS-6a	0		18
Rb-84(n,2n2p)Br-81	TALYS-6a	0	[8]	20
Rb-84(n,ph)Se-81g	TALYS-6a	0		23
Rb-84(n,ph)Se-81m	TALYS-6a	0		23
Rb-84(n,ha)As-78	TALYS-6a	0	[8]	21
Rb-84(n,4n2p)Br-79g	TALYS-6a	0		9
Rb-84(n,4n2p)Br-79m	TALYS-6a	0		9
Rb-84(n,4n2a)As-73	TALYS-6a	0	[8]	8
Rb-84(n,4npa)Se-76	TALYS-6a	0	[8]	10
Rb-84(n,n'3p)Se-81g	TALYS-6a	0		16
Rb-84(n,n'3p)Se-81m	TALYS-6a	0		16
Rb-85(n,2nd)Kr-82	TALYS-6a	0		23
>Rb-85(n,2n)Rb-84g	TALYS-6a	3		40
>Rb-85(n,2n)Rb-84m	TALYS-6a	6		39
Rb-85(n,3n)Rb-83	TALYS-6a	0		27
Rb-85(n,n'a)Br-81	TALYS-6a	0	[8]	44
Rb-85(n,2na)Br-80g	TALYS-6a	0		27
Rb-85(n,2na)Br-80m	TALYS-6a	0		27
Rb-85(n,3na)Br-79g	TALYS-6a	0		19
Rb-85(n,3na)Br-79m	TALYS-6a	0		19
Rb-85(n,n'p)Kr-84	TALYS-6a	0	[8]	48
Rb-85(n,n'2a)As-77	TALYS-6a	0	[8]	25
Rb-85(n,2n2a)As-76	TALYS-6a	0	[8]	15
Rb-85(n,n'd)Kr-83g	TALYS-6a	0		30
Rb-85(n,n'd)Kr-83m	TALYS-6a	0		30
Rb-85(n,n't)Kr-82	TALYS-6a	0	[8]	29
Rb-85(n,n'h)Br-82g	TALYS-6a	0		24
Rb-85(n,n'h)Br-82m	TALYS-6a	0		24
Rb-85(n,4n)Rb-82g	TALYS-6a	0		16
Rb-85(n,4n)Rb-82m	TALYS-6a	0		16
Rb-85(n,2np)Kr-83g	TALYS-6a	0		28
Rb-85(n,2np)Kr-83m	TALYS-6a	0		28
Rb-85(n,3np)Kr-82	TALYS-6a	0		21
Rb-85(n,n'2p)Br-83	TALYS-6a	0	[8]	26
Rb-85(n,n'pa)Se-80	TALYS-6a	0	[8]	28
Rb-85(n,g)Rb-86g	JEF-2.2	4	[13,4,6]	15197
Rb-85(n,g)Rb-86m	JEF-2.2	4	[7,13,4,6]	15197
Rb-85(n,p)Kr-85g	TALYS-6a	0	[2]	100
Rb-85(n,p)Kr-85m	TALYS-6	4	[3]	84
Rb-85(n,d)Kr-84	TALYS-6a	0	[8]	58
Rb-85(n,t)Kr-83g	TALYS-6a	0		41
Rb-85(n,t)Kr-83m	TALYS-6a	0		41

Rb-85(n,h)Br-83	TALYS-6a	0	[8]	36	Rb-86(n,2nt)Kr-82	TALYS-6a	0 [8]	20
>Rb-85(n,a)Br-82g	TALYS-6a	0	[2,4]	100	Rb-86(n,ta)Se-80	TALYS-6a	0 [8]	27
>Rb-85(n,a)Br-82m	TALYS-6a	0	[2,4]	100	Rb-86(n,4np)Kr-82	TALYS-6a	0	14
Rb-85(n,2a)As-78	TALYS-6a	0	[8]	32	Rb-86(n,3nd)Kr-82	TALYS-6a	0 [8]	15
Rb-85(n,2p)Br-84g	TALYS-6a	0		35	Rb-86(n,n'da)Se-80	TALYS-6a	0 [8]	20
Rb-85(n,2p)Br-84m	TALYS-6a	0		35	Rb-86(n,2npa)Se-80	TALYS-6a	0 [8]	19
Rb-85(n,pa)Se-81g	TALYS-6a	0		37	Rb-86(n,5np)Kr-81g	TALYS-6a	0	9
Rb-85(n,pa)Se-81m	TALYS-6a	0		37	Rb-86(n,5np)Kr-81m	TALYS-6a	0	9
Rb-85(n,pd)Br-83	TALYS-6a	0	[8]	28	Rb-86(n,6np)Kr-80	TALYS-6a	0	5
Rb-85(n,pt)Br-82g	TALYS-6a	0		25	Rb-86(n,4na)Br-79g	TALYS-6a	0	13
Rb-85(n,pt)Br-82m	TALYS-6a	0		24	Rb-86(n,4na)Br-79m	TALYS-6a	0	13
Rb-85(n,da)Se-80	TALYS-6a	0	[8]	30	Rb-86(n,5na)Br-78	TALYS-6a	0 [8]	8
Rb-85(n,5n)Rb-81g	TALYS-6a	0		12	Rb-86(n,4nd)Kr-81g	TALYS-6a	0	10
Rb-85(n,5n)Rb-81m	TALYS-6a	0		12	Rb-86(n,4nd)Kr-81m	TALYS-6a	0	10
Rb-85(n,6n)Rb-80	TALYS-6a	0		6	Rb-86(n,5nd)Kr-80	TALYS-6a	0	6
Rb-85(n,2nt)Kr-81g	TALYS-6a	0		18	Rb-86(n,3nt)Kr-81g	TALYS-6a	0	13
Rb-85(n,2nt)Kr-81m	TALYS-6a	0		17	Rb-86(n,3nt)Kr-81m	TALYS-6a	0	13
Rb-85(n,ta)Se-79g	TALYS-6a	0		25	Rb-86(n,4nt)Kr-80	TALYS-6a	0	9
Rb-85(n,ta)Se-79m	TALYS-6a	0		25	Rb-86(n,2nh)Br-82g	TALYS-6a	0	16
Rb-85(n,4np)Kr-81g	TALYS-6a	0		13	Rb-86(n,2nh)Br-82m	TALYS-6a	0	16
Rb-85(n,4np)Kr-81m	TALYS-6a	0		13	Rb-86(n,3nh)Br-81	TALYS-6a	0 [8]	12
Rb-85(n,3nd)Kr-81g	TALYS-6a	0		14	Rb-86(n,4nh)Br-80g	TALYS-6a	0	7
Rb-85(n,3nd)Kr-81m	TALYS-6a	0		14	Rb-86(n,4nh)Br-80m	TALYS-6a	0	7
Rb-85(n,n'da)Se-79g	TALYS-6a	0		19	Rb-86(n,3n2p)Br-82g	TALYS-6a	0	12
Rb-85(n,n'da)Se-79m	TALYS-6a	0		19	Rb-86(n,3n2p)Br-82m	TALYS-6a	0	12
Rb-85(n,2npa)Se-79g	TALYS-6a	0		17	Rb-86(n,3n2a)As-76	TALYS-6a	0 [8]	11
Rb-85(n,2npa)Se-79m	TALYS-6a	0		17	Rb-86(n,3npa)Se-79g	TALYS-6a	0	12
Rb-85(n,5np)Kr-80	TALYS-6a	0		9	Rb-86(n,3npa)Se-79m	TALYS-6a	0	12
Rb-85(n,4na)Br-78	TALYS-6a	0		12	Rb-86(n,dt)Br-82g	TALYS-6a	0	17
Rb-85(n,5na)Br-77g	TALYS-6a	0		8	Rb-86(n,dt)Br-82m	TALYS-6a	0	17
Rb-85(n,5na)Br-77m	TALYS-6a	0		8	Rb-86(n,n'pd)Br-83	TALYS-6a	0 [8]	19
Rb-85(n,4nd)Kr-80	TALYS-6a	0		10	Rb-86(n,n'pt)Br-82g	TALYS-6a	0	16
Rb-85(n,5nd)Kr-79g	TALYS-6a	0		5	Rb-86(n,n'pt)Br-82m	TALYS-6a	0	16
Rb-85(n,5nd)Kr-79m	TALYS-6a	0		5	Rb-86(n,n'dt)Br-81	TALYS-6a	0 [8]	13
Rb-85(n,3nt)Kr-80	TALYS-6a	0	[8]	13	Rb-86(n,n'ph)Se-82	TALYS-6a	0 [8]	15
Rb-85(n,4nt)Kr-79g	TALYS-6a	0		7	Rb-86(n,n'ta)Se-79g	TALYS-6a	0	16
Rb-85(n,4nt)Kr-79m	TALYS-6a	0		7	Rb-86(n,n'ta)Se-79m	TALYS-6a	0	16
Rb-85(n,2nh)Br-81	TALYS-6a	0	[8]	17	Rb-86(n,2n2p)Br-83	TALYS-6a	0 [8]	18
Rb-85(n,3nh)Br-80g	TALYS-6a	0		12	Rb-86(n,4n2p)Br-81	TALYS-6a	0	9
Rb-85(n,3nh)Br-80m	TALYS-6a	0		12	Rb-86(n,4n2a)As-75	TALYS-6a	0 [8]	7
Rb-85(n,4nh)Br-79g	TALYS-6a	0		8	Rb-86(n,4npa)Se-78	TALYS-6a	0 [8]	9
Rb-85(n,4nh)Br-79m	TALYS-6a	0		7	Rb-87(n,2nd)Kr-84	TALYS-6a	0 [8]	22
Rb-85(n,3n2p)Br-81	TALYS-6a	0	[8]	13	Rb-87(n,2n)Rb-86g	ADL-3	4 [13]	44
Rb-85(n,3n2a)As-75	TALYS-6a	0	[8]	12	Rb-87(n,2n)Rb-86m	ADL-3	6 [13,3]	43
Rb-85(n,3npa)Se-78	TALYS-6a	0	[8]	13	Rb-87(n,3n)Rb-85	TALYS-6a	0	28
Rb-85(n,dt)Br-81	TALYS-6a	0	[8]	18	Rb-87(n,n'a)Br-83	TALYS-6a	1 [8]	41
Rb-85(n,n'pd)Br-82g	TALYS-6a	0		19	Rb-87(n,2na)Br-82g	TALYS-6a	0	26
Rb-85(n,n'pd)Br-82m	TALYS-6a	0		18	Rb-87(n,2na)Br-82m	TALYS-6a	0	26
Rb-85(n,n'pt)Br-81	TALYS-6a	0	[8]	17	Rb-87(n,3na)Br-81	TALYS-6a	0 [8]	18
Rb-85(n,n'dt)Br-80g	TALYS-6a	0		12	Rb-87(n,n'p)Kr-86	TALYS-6a	0 [8]	43
Rb-85(n,n'dt)Br-80m	TALYS-6a	0		12	Rb-87(n,n'2a)As-79	TALYS-6a	0 [8]	22
Rb-85(n,n'ph)Se-81g	TALYS-6a	0		14	Rb-87(n,2n2a)As-78	TALYS-6a	0 [8]	14
Rb-85(n,n'ph)Se-81m	TALYS-6a	0		15	Rb-87(n,n'd)Kr-85g	TALYS-6a	0	29
Rb-85(n,n'dh)Se-80	TALYS-6a	0	[8]	12	Rb-87(n,n'd)Kr-85m	TALYS-6a	0	29
Rb-85(n,n'ta)Se-78	TALYS-6a	0	[8]	18	Rb-87(n,n't)Kr-84	TALYS-6a	0 [8]	28
Rb-85(n,2n2p)Br-82g	TALYS-6a	0		17	Rb-87(n,n'h)Br-84g	TALYS-6a	0	22
Rb-85(n,2n2p)Br-82m	TALYS-6a	0		17	Rb-87(n,n'h)Br-84m	TALYS-6a	0	22
Rb-85(n,4n2p)Br-80g	TALYS-6a	0		8	Rb-87(n,4n)Rb-84g	TALYS-6a	0	17
Rb-85(n,4n2p)Br-80m	TALYS-6a	0		8	Rb-87(n,4n)Rb-84m	TALYS-6a	0	17
Rb-85(n,4npa)Se-77g	TALYS-6a	0		8	Rb-87(n,2np)Kr-85g	TALYS-6a	0	27
Rb-85(n,4npa)Se-77m	TALYS-6a	0		8	Rb-87(n,2np)Kr-85m	TALYS-6a	0	27
Rb-85(n,n'3p)Se-82	TALYS-6a	0	[8]	16	Rb-87(n,3np)Kr-84	TALYS-6a	0 [8]	20
Rb-86(n,n')Rb-86m	TALYS-6a	0		85	Rb-87(n,n'2p)Br-85	TALYS-6a	0 [8]	23
Rb-86(n,2nd)Kr-83g	TALYS-6a	0		22	Rb-87(n,n'pa)Se-82	TALYS-6a	0 [8]	25
Rb-86(n,2nd)Kr-83m	TALYS-6a	0		22	Rb-87(n,g)Rb-88	JEF-2.2	4 [9,2]	2672
Rb-86(n,2n)Rb-85	TALYS-6a	0		44	Rb-87(n,p)Kr-87	TALYS-6	4 [8]	68
Rb-86(n,3n)Rb-84g	TALYS-6a	0		27	Rb-87(n,d)Kr-86	TALYS-6a	0 [8]	50
Rb-86(n,3n)Rb-84m	TALYS-6a	0		27	Rb-87(n,t)Kr-85g	TALYS-6a	0	39
Rb-86(n,n'a)Br-82g	TALYS-6a	0		42	Rb-87(n,t)Kr-85m	TALYS-6a	0	39
Rb-86(n,n'a)Br-82m	TALYS-6a	0		41	Rb-87(n,h)Br-85	TALYS-6a	0 [8]	31
Rb-86(n,2na)Br-81	TALYS-6a	0	[8]	29	>Rb-87(n,a)Br-84g	TALYS-6a	1 [3]	69
Rb-86(n,3na)Br-80g	TALYS-6a	0		18	>Rb-87(n,a)Br-84m	TALYS-6a	4 [3]	68
Rb-86(n,3na)Br-80m	TALYS-6a	0		18	Rb-87(n,2a)As-80	TALYS-6a	0 [8]	28
Rb-86(n,n'p)Kr-85g	TALYS-6a	0		43	Rb-87(n,2p)Br-86	TALYS-6a	0 [8]	29
Rb-86(n,n'p)Kr-85m	TALYS-6a	0		43	Rb-87(n,pa)Se-83g	TALYS-6a	0	31
Rb-86(n,n'2a)As-78	TALYS-6a	0	[8]	23	Rb-87(n,pa)Se-83m	TALYS-6a	0	30
Rb-86(n,2n2a)As-77	TALYS-6a	0	[8]	16	Rb-87(n,pd)Br-85	TALYS-6a	0 [8]	25
Rb-86(n,n'd)Kr-84	TALYS-6a	0	[8]	33	Rb-87(n,pt)Br-84g	TALYS-6a	0	22
Rb-86(n,n't)Kr-83g	TALYS-6a	0		28	Rb-87(n,pt)Br-84m	TALYS-6a	0	22
Rb-86(n,n't)Kr-83m	TALYS-6a	0		28	Rb-87(n,da)Se-82	TALYS-6a	0 [8]	26
Rb-86(n,n'h)Br-83	TALYS-6a	0	[8]	25	Rb-87(n,5n)Rb-83	TALYS-6a	0	12
Rb-86(n,4n)Rb-83	TALYS-6a	0		18	Rb-87(n,6n)Rb-82g	TALYS-6a	0	7
Rb-86(n,2np)Kr-84	TALYS-6a	0	[8]	30	Rb-87(n,6n)Rb-82m	TALYS-6a	0	7
Rb-86(n,3np)Kr-83g	TALYS-6a	0		20	Rb-87(n,2nt)Kr-83g	TALYS-6a	0	17
Rb-86(n,3np)Kr-83m	TALYS-6a	0		20	Rb-87(n,2nt)Kr-83m	TALYS-6a	0	17
Rb-86(n,n'2p)Br-84g	TALYS-6a	0		24	Rb-87(n,ta)Se-81g	TALYS-6a	0	23
Rb-86(n,n'2p)Br-84m	TALYS-6a	0		24	Rb-87(n,ta)Se-81m	TALYS-6a	0	23
Rb-86(n,n'pa)Se-81g	TALYS-6a	0		25	Rb-87(n,4np)Kr-83g	TALYS-6a	0	13
Rb-86(n,n'pa)Se-81m	TALYS-6a	0		25	Rb-87(n,4np)Kr-83m	TALYS-6a	0	13
>Rb-86(n,g)Rb-87	JEF-2.2	2	[13,3,12,3]	149	Rb-87(n,3nd)Kr-83g	TALYS-6a	0	14
Rb-86(n,p)Kr-86	TALYS-6a	0	[2]	100	Rb-87(n,3nd)Kr-83m	TALYS-6a	0	14
Rb-86(n,d)Kr-85g	TALYS-6a	0		50	Rb-87(n,n'da)Se-81g	TALYS-6a	0	16
Rb-86(n,d)Kr-85m	TALYS-6a	0		49	Rb-87(n,n'da)Se-81m	TALYS-6a	0	16
Rb-86(n,t)Kr-84	TALYS-6a	0	[8]	45	Rb-87(n,2npa)Se-81g	TALYS-6a	0	16
Rb-86(n,h)Br-84g	TALYS-6a	0		32	Rb-87(n,2npa)Se-81m	TALYS-6a	0	16
Rb-86(n,h)Br-84m	TALYS-6a	0		32	Rb-87(n,5np)Kr-82	TALYS-6a	0	9
Rb-86(n,a)Br-83	TALYS-6a	0	[2]	100	Rb-87(n,4na)Br-80g	TALYS-6a	0	12
Rb-86(n,2a)As-79	TALYS-6a	0	[8]	33	Rb-87(n,4na)Br-80m	TALYS-6a	0	12
Rb-86(n,2p)Br-85	TALYS-6a	0	[8]	36	Rb-87(n,5na)Br-79g	TALYS-6a	0	8
Rb-86(n,pa)Se-82	TALYS-6a	0	[8]	39	Rb-87(n,5na)Br-79m	TALYS-6a	0	8
Rb-86(n,pd)Br-84g	TALYS-6a	0		26	Rb-87(n,4nd)Kr-82	TALYS-6a	0 [8]	10
Rb-86(n,pd)Br-84m	TALYS-6a	0		26	Rb-87(n,5nd)Kr-81g	TALYS-6a	0	5
Rb-86(n,pt)Br-83	TALYS-6a	0	[8]	26	Rb-87(n,5nd)Kr-81m	TALYS-6a	0	5
Rb-86(n,da)Se-81g	TALYS-6a	0		27	Rb-87(n,3nt)Kr-82	TALYS-6a	0 [8]	13
Rb-86(n,da)Se-81m	TALYS-6a	0		27	Rb-87(n,4nt)Kr-81g	TALYS-6a	0	8
Rb-86(n,5n)Rb-82g	TALYS-6a	0		12	Rb-87(n,4nt)Kr-81m	TALYS-6a	0	8
Rb-86(n,5n)Rb-82m	TALYS-6a	0		12	Rb-87(n,2nh)Br-83	TALYS-6a	0 [8]	16
Rb-86(n,6n)Rb-81g	TALYS-6a	0		7	Rb-87(n,3nh)Br-82g	TALYS-6a	0	11
Rb-86(n,6n)Rb-81m	TALYS-6a	0		7	Rb-87(n,3nh)Br-82m	TALYS-6a	0	11

Reaction	Library			
Rb-87(n,4nh)Br-81	TALYS-6a	0	[8]	7
Rb-87(n,3n2p)Br-83	TALYS-6a	0	[8]	12
Rb-87(n,3n2a)As-77	TALYS-6a	0	[8]	11
Rb-87(n,3npa)Se-80	TALYS-6a	0	[8]	12
Rb-87(n,dt)Br-83	TALYS-6a	0	[8]	17
Rb-87(n,n'pd)Br-84g	TALYS-6a	0		16
Rb-87(n,n'pd)Br-84m	TALYS-6a	0		16
Rb-87(n,n'pt)Br-83	TALYS-6a	0	[8]	16
Rb-87(n,n'dt)Br-82g	TALYS-6a	0		12
Rb-87(n,n'dt)Br-82m	TALYS-6a	0		12
Rb-87(n,n'ph)Se-83g	TALYS-6a	0		13
Rb-87(n,n'ph)Se-83m	TALYS-6a	0		12
Rb-87(n,n'ta)Se-80	TALYS-6a	0	[8]	16
Rb-87(n,2n2p)Br-84g	TALYS-6a	0		15
Rb-87(n,2n2p)Br-84m	TALYS-6a	0		15
Rb-87(n,4n2p)Br-82g	TALYS-6a	0		7
Rb-87(n,4n2p)Br-82m	TALYS-6a	0		7
Rb-87(n,4npa)Se-79g	TALYS-6a	0		7
Rb-87(n,4npa)Se-79m	TALYS-6a	0		7
Sr-82(n,2nd)Rb-79	TALYS-6a	0	[8]	19
Sr-82(n,2n)Sr-81	TALYS-6a	0		36
Sr-82(n,3n)Sr-80	TALYS-6a	0		24
Sr-82(n,n'a)Kr-78	TALYS-6a	0	[8]	53
Sr-82(n,n'3a)Ge-70	TALYS-6a	0	[8]	19
Sr-82(n,2na)Kr-77	TALYS-6a	0	[8]	28
Sr-82(n,3na)Kr-76	TALYS-6a	0	[8]	18
Sr-82(n,n'p)Rb-81g	TALYS-6a	0		45
Sr-82(n,n'p)Rb-81m	TALYS-6a	0		45
Sr-82(n,n'2a)Se-74	TALYS-6a	0	[8]	31
Sr-82(n,2n2a)Se-73g	TALYS-6a	0		18
Sr-82(n,2n2a)Se-73m	TALYS-6a	0		18
Sr-82(n,n'd)Rb-80	TALYS-6a	0		29
Sr-82(n,n't)Rb-79	TALYS-6a	0	[8]	25
Sr-82(n,n'h)Kr-79g	TALYS-6a	0		27
Sr-82(n,n'h)Kr-79m	TALYS-6a	0		27
Sr-82(n,n'd2a)As-72	TALYS-6a	0	[8]	12
Sr-82(n,n't2a)As-71	TALYS-6a	0	[8]	11
Sr-82(n,4n)Sr-79	TALYS-6a	0		14
Sr-82(n,2np)Rb-80	TALYS-6a	0		27
Sr-82(n,3np)Rb-79	TALYS-6a	0	[8]	17
Sr-82(n,n'2p)Kr-80	TALYS-6a	0	[8]	33
Sr-82(n,n'pa)Br-77g	TALYS-6a	0		30
Sr-82(n,n'pa)Br-77m	TALYS-6a	0		30
Sr-82(n,g)Sr-83g	MASGAM	0	[14,13,4,6]	83
Sr-82(n,g)Sr-83m	MASGAM	0	[14,13,4,6]	83
Sr-82(n,p)Rb-82g	TALYS-6a	0	[2]	100
Sr-82(n,p)Rb-82m	TALYS-6a	0	[2]	100
Sr-82(n,d)Rb-81g	TALYS-6a	0		54
Sr-82(n,d)Rb-81m	TALYS-6a	0		54
Sr-82(n,t)Rb-80	TALYS-6a	0	[8]	38
Sr-82(n,h)Kr-80	TALYS-6a	0	[8]	49
Sr-82(n,a)Kr-79g	TALYS-6a	0	[2]	100
Sr-82(n,a)Kr-79m	TALYS-6a	0	[2]	100
Sr-82(n,2a)Se-75	TALYS-6a	0	[8]	49
+Sr-82(n,3a)Ge-71g	TALYS-6a	0	[4,8]	26
+Sr-82(n,3a)Ge-71m	TALYS-6a	0	[4,7,8,8]	25
Sr-82(n,2p)Kr-81g	TALYS-6a	0		54
Sr-82(n,2p)Kr-81m	TALYS-6a	0		53
Sr-82(n,pa)Br-78	TALYS-6a	0	[8]	45
Sr-82(n,t2a)As-72	TALYS-6a	0	[8]	15
Sr-82(n,d2a)As-73	TALYS-6a	0	[8]	20
Sr-82(n,pd)Kr-80	TALYS-6a	0	[8]	36
Sr-82(n,pt)Kr-79g	TALYS-6a	0		28
Sr-82(n,pt)Kr-79m	TALYS-6a	0		28
Sr-82(n,da)Br-77g	TALYS-6a	0		31
Sr-82(n,da)Br-77m	TALYS-6a	0		31
Sr-82(n,5n)Sr-78	TALYS-6a	0		9
Sr-82(n,2nt)Rb-78g	TALYS-6a	0	[4]	15
Sr-82(n,2nt)Rb-78m	TALYS-6a	0	[4,7,8]	14
Sr-82(n,ta)Br-76g	TALYS-6a	0		26
Sr-82(n,ta)Br-76m	TALYS-6a	0		26
Sr-82(n,4np)Rb-78g	TALYS-6a	0	[4]	11
Sr-82(n,4np)Rb-78m	TALYS-6a	0	[4,7,8]	10
Sr-82(n,3nd)Rb-78g	TALYS-6a	0	[4]	12
Sr-82(n,3nd)Rb-78m	TALYS-6a	0	[4,7,8]	11
Sr-82(n,n'da)Br-76g	TALYS-6a	0		20
Sr-82(n,n'da)Br-76m	TALYS-6a	0		20
Sr-82(n,2npa)Br-76g	TALYS-6a	0		18
Sr-82(n,2npa)Br-76m	TALYS-6a	0		18
Sr-82(n,5np)Rb-77	TALYS-6a	0		6
Sr-82(n,4na)Kr-75	TALYS-6a	0	[8]	11
Sr-82(n,4nd)Rb-77	TALYS-6a	0	[8]	6
Sr-82(n,3nt)Rb-77	TALYS-6a	0	[8]	9
Sr-82(n,2nh)Kr-78	TALYS-6a	0	[8]	19
Sr-82(n,3nh)Kr-77	TALYS-6a	0	[8]	12
Sr-82(n,4nh)Kr-76	TALYS-6a	0	[8]	7
Sr-82(n,3n2p)Kr-78	TALYS-6a	0	[8]	14
Sr-82(n,3n2a)Se-72	TALYS-6a	0	[8]	13
Sr-82(n,3npa)Br-75	TALYS-6a	0	[8]	13
Sr-82(n,dt)Kr-78	TALYS-6a	0	[8]	21
Sr-82(n,n'pd)Kr-79g	TALYS-6a	0		22
Sr-82(n,n'pd)Kr-79m	TALYS-6a	0		22
Sr-82(n,n'pt)Kr-78	TALYS-6a	0	[8]	20
Sr-82(n,n'dt)Kr-77	TALYS-6a	0	[8]	12
Sr-82(n,n'ph)Br-78	TALYS-6a	0	[8]	17
Sr-82(n,n'dh)Br-77g	TALYS-6a	0		13
Sr-82(n,n'dh)Br-77m	TALYS-6a	0		13
Sr-82(n,n'th)Br-76g	TALYS-6a	0		10
Sr-82(n,n'th)Br-76m	TALYS-6a	0		10
Sr-82(n,n'ta)Br-75	TALYS-6a	0	[8]	16
Sr-82(n,2n2p)Kr-79g	TALYS-6a	0		20
Sr-82(n,2n2p)Kr-79m	TALYS-6a	0		20
Sr-82(n,ph)Br-79g	TALYS-6a	0		28
Sr-82(n,ph)Br-79m	TALYS-6a	0		28
Sr-82(n,dh)Br-78	TALYS-6a	0	[8]	17
Sr-82(n,ha)Se-76	TALYS-6a	0	[8]	29
Sr-82(n,4n2p)Kr-77	TALYS-6a	0	[8]	8
Sr-82(n,4npa)Br-74g	TALYS-6a	0		6
Sr-82(n,4npa)Br-74m	TALYS-6a	0		6
Sr-82(n,3p)Br-80g	TALYS-6a	0		28
Sr-82(n,3p)Br-80m	TALYS-6a	0		28
Sr-82(n,n'3p)Br-79g	TALYS-6a	0		21
Sr-82(n,n'3p)Br-79m	TALYS-6a	0		21
Sr-82(n,3n2pa)Se-74	TALYS-6a	0	[8]	9
Sr-83(n,n')Sr-83m	TALYS-6a	0		88
Sr-83(n,2nd)Rb-80	TALYS-6a	0		20
Sr-83(n,2n)Sr-82	TALYS-6a	0		44
Sr-83(n,3n)Sr-81	TALYS-6a	0		25
Sr-83(n,n'a)Kr-79g	TALYS-6a	0		50
Sr-83(n,n'a)Kr-79m	TALYS-6a	0		49
+Sr-83(n,n'3a)Ge-71g	TALYS-6a	0	[4,8]	16
+Sr-83(n,n'3a)Ge-71m	TALYS-6a	0	[4,7,8,8]	15
Sr-83(n,2na)Kr-78	TALYS-6a	0	[8]	31
Sr-83(n,3na)Kr-77	TALYS-6a	0	[8]	18
Sr-83(n,n'p)Rb-82g	TALYS-6a	0		45
Sr-83(n,n'p)Rb-82m	TALYS-6a	0		45
Sr-83(n,n'2a)Se-75	TALYS-6a	0	[8]	30
Sr-83(n,2n2a)Se-74	TALYS-6a	0	[8]	21
Sr-83(n,n'd)Rb-81g	TALYS-6a	0		31
Sr-83(n,n'd)Rb-81m	TALYS-6a	0		31
Sr-83(n,n't)Rb-80	TALYS-6a	0	[8]	26
Sr-83(n,n'h)Kr-80	TALYS-6a	0	[8]	30
Sr-83(n,n'd2a)As-73	TALYS-6a	0	[8]	13
Sr-83(n,n't2a)As-72	TALYS-6a	0	[8]	11
Sr-83(n,4n)Sr-80	TALYS-6a	0		16
Sr-83(n,2np)Rb-81g	TALYS-6a	0		29
Sr-83(n,2np)Rb-81m	TALYS-6a	0		29
Sr-83(n,3np)Rb-80	TALYS-6a	0		18
Sr-83(n,n'2p)Kr-81g	TALYS-6a	0		31
Sr-83(n,n'2p)Kr-81m	TALYS-6a	0		31
Sr-83(n,n'pa)Br-78	TALYS-6a	0	[8]	29
Sr-83(n,g)Sr-84	MASGAM	0	[14,13]	83
Sr-83(n,p)Rb-83	TALYS-6a	0	[2]	100
Sr-83(n,d)Rb-82g	TALYS-6a	0		53
Sr-83(n,d)Rb-82m	TALYS-6a	0		53
Sr-83(n,t)Rb-81g	TALYS-6a	0		43
Sr-83(n,t)Rb-81m	TALYS-6a	0		43
Sr-83(n,h)Kr-81g	TALYS-6a	0		45
Sr-83(n,h)Kr-81m	TALYS-6a	0		44
Sr-83(n,a)Kr-80	TALYS-6a	0	[2]	100
Sr-83(n,2a)Se-76	TALYS-6a	0		100
Sr-83(n,3a)Ge-72	TALYS-6a	0	[8]	29
Sr-83(n,2p)Kr-82	TALYS-6a	0	[8]	65
Sr-83(n,pa)Br-79g	TALYS-6a	0		55
Sr-83(n,pa)Br-79m	TALYS-6a	0		54
Sr-83(n,t2a)As-73	TALYS-6a	0	[8]	16
Sr-83(n,d2a)As-74	TALYS-6a	0	[8]	18
Sr-83(n,pd)Kr-81g	TALYS-6a	0		34
Sr-83(n,pd)Kr-81m	TALYS-6a	0		34
Sr-83(n,pt)Kr-80	TALYS-6a	0	[8]	31
Sr-83(n,da)Br-78	TALYS-6a	0	[8]	30
Sr-83(n,5n)Sr-79	TALYS-6a	0		9
Sr-83(n,2nt)Rb-79	TALYS-6a	0	[8]	16
Sr-83(n,ta)Br-77g	TALYS-6a	0		28
Sr-83(n,ta)Br-77m	TALYS-6a	0		28
Sr-83(n,4np)Rb-79	TALYS-6a	0		13
Sr-83(n,3nd)Rb-79	TALYS-6a	0	[8]	13
Sr-83(n,n'da)Br-77g	TALYS-6a	0		22
Sr-83(n,n'da)Br-77m	TALYS-6a	0		22
Sr-83(n,2npa)Br-77g	TALYS-6a	0		21
Sr-83(n,2npa)Br-77m	TALYS-6a	0		21
Sr-83(n,5np)Rb-78g	TALYS-6a	0	[4]	6
Sr-83(n,5np)Rb-78m	TALYS-6a	0	[4,7,8]	5
Sr-83(n,4na)Kr-76	TALYS-6a	0	[8]	13
Sr-83(n,4nd)Rb-78g	TALYS-6a	0	[4,8]	7
Sr-83(n,4nd)Rb-78m	TALYS-6a	0	[4,7,8,8]	6
Sr-83(n,3nt)Rb-78g	TALYS-6a	0	[4,8]	10
Sr-83(n,3nt)Rb-78m	TALYS-6a	0	[4,7,8,8]	9
Sr-83(n,2nh)Kr-79g	TALYS-6a	0		19
Sr-83(n,2nh)Kr-79m	TALYS-6a	0		19
Sr-83(n,3nh)Kr-78	TALYS-6a	0	[8]	13
Sr-83(n,4nh)Kr-77	TALYS-6a	0	[8]	7
Sr-83(n,3n2p)Kr-79g	TALYS-6a	0		14
Sr-83(n,3n2p)Kr-79m	TALYS-6a	0		14
Sr-83(n,3n2a)Se-73g	TALYS-6a	0		12
Sr-83(n,3n2a)Se-73m	TALYS-6a	0		12
Sr-83(n,3npa)Br-76g	TALYS-6a	0		13
Sr-83(n,3npa)Br-76m	TALYS-6a	0		13
Sr-83(n,dt)Kr-79g	TALYS-6a	0		20
Sr-83(n,dt)Kr-79m	TALYS-6a	0		20
Sr-83(n,n'pd)Kr-80	TALYS-6a	0	[8]	25
Sr-83(n,n'pt)Kr-79g	TALYS-6a	0		19
Sr-83(n,n'pt)Kr-79m	TALYS-6a	0		19
Sr-83(n,n'dt)Kr-78	TALYS-6a	0	[8]	14
Sr-83(n,n'ph)Br-79g	TALYS-6a	0		19
Sr-83(n,n'ph)Br-79m	TALYS-6a	0		19
Sr-83(n,n'dh)Br-78	TALYS-6a	0	[8]	13
Sr-83(n,n'th)Br-77g	TALYS-6a	0		11
Sr-83(n,n'th)Br-77m	TALYS-6a	0		11
Sr-83(n,n'ta)Br-76g	TALYS-6a	0		16
Sr-83(n,n'ta)Br-76m	TALYS-6a	0		17
Sr-83(n,2n2p)Kr-80	TALYS-6a	0	[8]	23
Sr-83(n,ph)Br-80g	TALYS-6a	0		26
Sr-83(n,ph)Br-80m	TALYS-6a	0		26
Sr-83(n,dh)Br-79g	TALYS-6a	0		19
Sr-83(n,dh)Br-79m	TALYS-6a	0		19
Sr-83(n,ha)Se-77g	TALYS-6a	0		26
Sr-83(n,ha)Se-77m	TALYS-6a	0		27
Sr-83(n,4n2p)Kr-78	TALYS-6a	0	[8]	10
Sr-83(n,4n2a)Se-72	TALYS-6a	0	[8]	8
Sr-83(n,4npa)Br-75	TALYS-6a	0	[8]	8
Sr-83(n,3p)Br-81	TALYS-6a	0	[8]	30
Sr-83(n,n'3p)Br-80g	TALYS-6a	0		19
Sr-83(n,n'3p)Br-80m	TALYS-6a	0		19
Sr-83(n,3n2pa)Se-75	TALYS-6a	0	[8]	9
Sr-84(n,2nd)Rb-81g	TALYS-6a	0		19
Sr-84(n,2nd)Rb-81m	TALYS-6a	0		19
Sr-84(n,2n)Sr-83g	TALYS-6a	0		37

Reaction	Library			Value
Sr-84(n,2n)Sr-83m	TALYS-6a	0		37
Sr-84(n,3n)Sr-82	TALYS-6a	0		25
Sr-84(n,n'a)Kr-80	TALYS-6a	0	[8]	48
Sr-84(n,n'3a)Ge-72	TALYS-6a	0	[8]	16
Sr-84(n,2na)Kr-79g	TALYS-6a	0		27
Sr-84(n,2na)Kr-79m	TALYS-6a	0		27
Sr-84(n,3na)Kr-78	TALYS-6a	0	[8]	19
Sr-84(n,n'p)Rb-83	TALYS-6a	0	[8]	43
Sr-84(n,n'2a)Se-76	TALYS-6a	0	[8]	29
Sr-84(n,2n2a)Se-75	TALYS-6a	0	[8]	17
Sr-84(n,n'd)Rb-82g	TALYS-6a	0		28
Sr-84(n,n'd)Rb-82m	TALYS-6a	0		28
Sr-84(n,n't)Rb-81g	TALYS-6a	0		25
Sr-84(n,n't)Rb-81m	TALYS-6a	0		25
Sr-84(n,n'h)Kr-81g	TALYS-6a	0		26
Sr-84(n,n'h)Kr-81m	TALYS-6a	0		26
Sr-84(n,n'd2a)As-74	TALYS-6a	0	[8]	11
Sr-84(n,4n)Sr-81	TALYS-6a	0		15
Sr-84(n,2np)Rb-82g	TALYS-6a	0		26
Sr-84(n,2np)Rb-82m	TALYS-6a	0		26
Sr-84(n,3np)Rb-81g	TALYS-6a	0		17
Sr-84(n,3np)Rb-81m	TALYS-6a	0		17
Sr-84(n,n'2p)Kr-82	TALYS-6a	0	[8]	30
Sr-84(n,n'pa)Br-79g	TALYS-6a	0		28
Sr-84(n,n'pa)Br-79m	TALYS-6a	0		28
Sr-84(n,g)Sr-85g	JEF-2.2	2	[13,4,6]	3209
Sr-84(n,g)Sr-85m	JEF-2.2	6	[13,4,6]	3209
Sr-84(n,p)Rb-84g	JEF-2.2	2	[13,4,3]	95
Sr-84(n,p)Rb-84m	JEF-2.2	2	[13,4,7,8,3]	92
Sr-84(n,d)Rb-83	TALYS-6a	0	[8]	49
Sr-84(n,t)Rb-82g	TALYS-6a	0		37
Sr-84(n,t)Rb-82m	TALYS-6a	0		36
Sr-84(n,h)Kr-82	TALYS-6a	0	[8]	43
>Sr-84(n,a)Kr-81g	TALYS-6a	0	[9,2,4]	3240
>Sr-84(n,a)Kr-81m	TALYS-6a	0	[9,2,4]	3240
Sr-84(n,2a)Se-77g	TALYS-6a	0		41
Sr-84(n,2a)Se-77m	TALYS-6a	0		41
Sr-84(n,3a)Ge-73g	TALYS-6a	0		22
Sr-84(n,3a)Ge-73m	TALYS-6a	0		21
Sr-84(n,2p)Kr-83g	TALYS-6a	0		44
Sr-84(n,2p)Kr-83m	TALYS-6a	0		44
Sr-84(n,pa)Br-80g	TALYS-6a	0		40
Sr-84(n,pa)Br-80m	TALYS-6a	0		40
Sr-84(n,t2a)As-74	TALYS-6a	0	[8]	14
Sr-84(n,d2a)As-75	TALYS-6a	0	[8]	17
Sr-84(n,pd)Kr-82	TALYS-6a	0	[8]	32
Sr-84(n,pt)Kr-81g	TALYS-6a	0		27
Sr-84(n,pt)Kr-81m	TALYS-6a	0		26
Sr-84(n,da)Br-79g	TALYS-6a	0		29
Sr-84(n,da)Br-79m	TALYS-6a	0		29
Sr-84(n,5n)Sr-80	TALYS-6a	0		10
Sr-84(n,2nt)Rb-80	TALYS-6a	0	[8]	15
Sr-84(n,ta)Br-78	TALYS-6a	0	[8]	24
Sr-84(n,4np)Rb-80	TALYS-6a	0		11
Sr-84(n,3nd)Rb-80	TALYS-6a	0		12
Sr-84(n,n'da)Br-78	TALYS-6a	0	[8]	18
Sr-84(n,2npa)Br-78	TALYS-6a	0	[8]	17
Sr-84(n,5np)Rb-79	TALYS-6a	0		6
Sr-84(n,4na)Kr-77	TALYS-6a	0	[8]	11
Sr-84(n,5na)Kr-76	TALYS-6a	0	[8]	6
Sr-84(n,4nd)Rb-79	TALYS-6a	0	[8]	7
Sr-84(n,3nt)Rb-79	TALYS-6a	0	[8]	10
Sr-84(n,2nh)Kr-80	TALYS-6a	0	[8]	18
Sr-84(n,3nh)Kr-79g	TALYS-6a	0		12
Sr-84(n,3nh)Kr-79m	TALYS-6a	0		12
Sr-84(n,4nh)Kr-78	TALYS-6a	0	[8]	7
Sr-84(n,3n2p)Kr-80	TALYS-6a	0	[8]	14
Sr-84(n,3n2a)Se-74	TALYS-6a	0	[8]	12
Sr-84(n,3npa)Br-77g	TALYS-6a	0		12
Sr-84(n,3npa)Br-77m	TALYS-6a	0		12
Sr-84(n,dt)Kr-80	TALYS-6a	0	[8]	20
Sr-84(n,n'pd)Kr-81g	TALYS-6a	0		21
Sr-84(n,n'pd)Kr-81m	TALYS-6a	0		20
Sr-84(n,n'pt)Kr-80	TALYS-6a	0	[8]	19
Sr-84(n,n'dt)Kr-79g	TALYS-6a	0		12
Sr-84(n,n'dt)Kr-79m	TALYS-6a	0		12
Sr-84(n,n'ph)Br-80g	TALYS-6a	0		15
Sr-84(n,n'ph)Br-80m	TALYS-6a	0		15
Sr-84(n,n'dh)Br-79g	TALYS-6a	0		12
Sr-84(n,n'dh)Br-79m	TALYS-6a	0		12
Sr-84(n,n'th)Br-78	TALYS-6a	0	[8]	9
Sr-84(n,n'ta)Br-77g	TALYS-6a	0		16
Sr-84(n,n'ta)Br-77m	TALYS-6a	0		16
Sr-84(n,2n2p)Kr-81g	TALYS-6a	0		19
Sr-84(n,2n2p)Kr-81m	TALYS-6a	0		19
Sr-84(n,ph)Br-81	TALYS-6a	0	[8]	25
Sr-84(n,ha)Se-78	TALYS-6a	0	[8]	25
Sr-84(n,4n2p)Kr-79g	TALYS-6a	0		8
Sr-84(n,4n2p)Kr-79m	TALYS-6a	0		8
Sr-84(n,4npa)Br-76g	TALYS-6a	0		7
Sr-84(n,4npa)Br-76m	TALYS-6a	0		7
Sr-84(n,3p)Br-82g	TALYS-6a	0		25
Sr-84(n,3p)Br-82m	TALYS-6a	0		25
Sr-84(n,n'3p)Br-81	TALYS-6a	0	[8]	17
Sr-84(n,3n2pa)Se-76	TALYS-6a	0	[8]	8
Sr-85(n,n')Sr-85m	TALYS-6a	0		88
Sr-85(n,2nd)Rb-82g	TALYS-6a	0		19
Sr-85(n,2nd)Rb-82m	TALYS-6a	0		19
Sr-85(n,2n)Sr-84	TALYS-6a	0		44
Sr-85(n,3n)Sr-83g	TALYS-6a	0		26
Sr-85(n,3n)Sr-83m	TALYS-6a	0		26
Sr-85(n,n'a)Kr-81g	TALYS-6a	0		45
Sr-85(n,n'a)Kr-81m	TALYS-6a	0		45
Sr-85(n,n'3a)Ge-73g	TALYS-6a	0		15
Sr-85(n,n'3a)Ge-73m	TALYS-6a	0		14
Sr-85(n,2na)Kr-80	TALYS-6a	0	[8]	30
Sr-85(n,3na)Kr-79g	TALYS-6a	0		18
Sr-85(n,3na)Kr-79m	TALYS-6a	0		18
Sr-85(n,n'p)Rb-84g	TALYS-6a	0		43

Reaction	Library			Value
Sr-85(n,n'p)Rb-84m	TALYS-6a	0		42
Sr-85(n,n'2a)Se-77g	TALYS-6a	0		27
Sr-85(n,n'2a)Se-77m	TALYS-6a	0		27
Sr-85(n,2n2a)Se-76	TALYS-6a	0	[8]	20
Sr-85(n,n'd)Rb-83	TALYS-6a	0	[8]	30
Sr-85(n,n't)Rb-82g	TALYS-6a	0		25
Sr-85(n,n't)Rb-82m	TALYS-6a	0		25
Sr-85(n,n'h)Kr-82	TALYS-6a	0	[8]	28
Sr-85(n,n'd2a)As-75	TALYS-6a	0	[8]	12
Sr-85(n,4n)Sr-82	TALYS-6a	0		17
Sr-85(n,2np)Rb-83	TALYS-6a	0		29
Sr-85(n,3np)Rb-82g	TALYS-6a	0		18
Sr-85(n,3np)Rb-82m	TALYS-6a	0		18
Sr-85(n,n'2p)Kr-83g	TALYS-6a	0		29
Sr-85(n,n'2p)Kr-83m	TALYS-6a	0		29
Sr-85(n,n'pa)Br-80g	TALYS-6a	0		27
Sr-85(n,n'pa)Br-80m	TALYS-6a	0		27
Sr-85(n,g)Sr-86	MASGAM	0	[14,13]	83
Sr-85(n,p)Rb-85	TALYS-6a	0	[2]	100
Sr-85(n,d)Rb-84g	TALYS-6a	0		49
Sr-85(n,d)Rb-84m	TALYS-6a	0		47
Sr-85(n,t)Rb-83	TALYS-6a	0	[8]	42
Sr-85(n,h)Kr-83g	TALYS-6a	0		40
Sr-85(n,h)Kr-83m	TALYS-6a	0		40
Sr-85(n,a)Kr-82	TALYS-6a	0	[2]	100
Sr-85(n,2a)Se-78	TALYS-6a	0	[8]	46
Sr-85(n,2p)Kr-84	TALYS-6a	0	[8]	52
Sr-85(n,pa)Br-81	TALYS-6a	0	[8]	44
Sr-85(n,d2a)As-76	TALYS-6a	0	[8]	15
Sr-85(n,pd)Kr-83g	TALYS-6a	0		31
Sr-85(n,pd)Kr-83m	TALYS-6a	0		31
Sr-85(n,pt)Kr-82	TALYS-6a	0	[8]	29
Sr-85(n,da)Br-80g	TALYS-6a	0		28
Sr-85(n,da)Br-80m	TALYS-6a	0		28
Sr-85(n,5n)Sr-81	TALYS-6a	0		10
Sr-85(n,6n)Sr-80	TALYS-6a	0		6
Sr-85(n,2nt)Rb-81g	TALYS-6a	0		16
Sr-85(n,2nt)Rb-81m	TALYS-6a	0		16
Sr-85(n,ta)Br-79g	TALYS-6a	0		27
Sr-85(n,ta)Br-79m	TALYS-6a	0		26
Sr-85(n,4np)Rb-81g	TALYS-6a	0		13
Sr-85(n,4np)Rb-81m	TALYS-6a	0		13
Sr-85(n,3nd)Rb-81g	TALYS-6a	0		13
Sr-85(n,3nd)Rb-81m	TALYS-6a	0		14
Sr-85(n,n'da)Br-79g	TALYS-6a	0		20
Sr-85(n,n'da)Br-79m	TALYS-6a	0		20
Sr-85(n,2npa)Br-79g	TALYS-6a	0		19
Sr-85(n,2npa)Br-79m	TALYS-6a	0		19
Sr-85(n,5np)Rb-80	TALYS-6a	0		7
Sr-85(n,4na)Kr-78	TALYS-6a	0	[8]	13
Sr-85(n,5na)Kr-77	TALYS-6a	0	[8]	7
Sr-85(n,4nd)Rb-80	TALYS-6a	0		8
Sr-85(n,3nt)Rb-80	TALYS-6a	0		11
Sr-85(n,4nt)Rb-79	TALYS-6a	0		6
Sr-85(n,2nh)Kr-81g	TALYS-6a	0		17
Sr-85(n,2nh)Kr-81m	TALYS-6a	0		17
Sr-85(n,3nh)Kr-80	TALYS-6a	0	[8]	13
Sr-85(n,4nh)Kr-79g	TALYS-6a	0		7
Sr-85(n,4nh)Kr-79m	TALYS-6a	0		7
Sr-85(n,3n2p)Kr-81g	TALYS-6a	0		13
Sr-85(n,3n2p)Kr-81m	TALYS-6a	0		13
Sr-85(n,3n2a)Se-75	TALYS-6a	0	[8]	12
Sr-85(n,3npa)Br-78	TALYS-6a	0	[8]	12
Sr-85(n,dt)Kr-81g	TALYS-6a	0		19
Sr-85(n,dt)Kr-81m	TALYS-6a	0		19
Sr-85(n,n'pd)Kr-82	TALYS-6a	0	[8]	23
Sr-85(n,n'pt)Kr-81g	TALYS-6a	0		18
Sr-85(n,n'pt)Kr-81m	TALYS-6a	0		18
Sr-85(n,n'dt)Kr-80	TALYS-6a	0	[8]	14
Sr-85(n,n'ph)Br-81	TALYS-6a	0	[8]	16
Sr-85(n,n'dh)Br-80g	TALYS-6a	0		12
Sr-85(n,n'dh)Br-80m	TALYS-6a	0		12
Sr-85(n,n'ta)Br-78	TALYS-6a	0	[8]	16
Sr-85(n,2n2p)Kr-82	TALYS-6a	0	[8]	21
Sr-85(n,ph)Br-82g	TALYS-6a	0		23
Sr-85(n,ph)Br-82m	TALYS-6a	0		23
Sr-85(n,ha)Se-79g	TALYS-6a	0		23
Sr-85(n,ha)Se-79m	TALYS-6a	0		23
Sr-85(n,4n2p)Kr-80	TALYS-6a	0	[8]	9
Sr-85(n,4npa)Br-77g	TALYS-6a	0		8
Sr-85(n,4npa)Br-77m	TALYS-6a	0		8
Sr-85(n,3p)Br-83	TALYS-6a	0	[8]	26
Sr-85(n,n'3p)Br-82g	TALYS-6a	0		16
Sr-85(n,n'3p)Br-82m	TALYS-6a	0		16
Sr-86(n,2nd)Rb-83	TALYS-6a	0	[8]	19
>Sr-86(n,2n)Sr-85g	TALYS-6a	3	[3]	38
>Sr-86(n,2n)Sr-85m	TALYS-6a	4	[3]	38
Sr-86(n,3n)Sr-84	TALYS-6a	0		26
Sr-86(n,n'a)Kr-82	TALYS-6a	0	[8]	44
Sr-86(n,2na)Kr-81g	TALYS-6a	0		27
Sr-86(n,2na)Kr-81m	TALYS-6a	0		26
Sr-86(n,3na)Kr-80	TALYS-6a	0	[8]	18
Sr-86(n,n'p)Rb-85	TALYS-6a	0	[8]	41
Sr-86(n,n'2a)Se-78	TALYS-6a	0	[8]	26
Sr-86(n,2n2a)Se-77g	TALYS-6a	0		16
Sr-86(n,2n2a)Se-77m	TALYS-6a	0		16
Sr-86(n,n'd)Rb-84g	TALYS-6a	0		28
Sr-86(n,n'd)Rb-84m	TALYS-6a	0		27
Sr-86(n,n't)Rb-83	TALYS-6a	0	[8]	25
Sr-86(n,n'h)Kr-83g	TALYS-6a	0		24
Sr-86(n,n'h)Kr-83m	TALYS-6a	0		24
Sr-86(n,4n)Sr-83g	TALYS-6a	0		15
Sr-86(n,4n)Sr-83m	TALYS-6a	0		15
Sr-86(n,2np)Rb-84g	TALYS-6a	0		26
Sr-86(n,2np)Rb-84m	TALYS-6a	0		25
Sr-86(n,3np)Rb-83	TALYS-6a	0		17
Sr-86(n,n'2p)Kr-84	TALYS-6a	0	[8]	28
Sr-86(n,n'pa)Br-81	TALYS-6a	0	[8]	26

Reaction	Library	Flag	Value
Sr-86(n,g)Sr-87g 18604	JENDL-3.2	2 [13,4,6]	
Sr-86(n,g)Sr-87m 18604	JENDL-3.2	5 [13,4,6]	
Sr-86(n,p)Rb-86g	TALYS-6	2 [3]	78
Sr-86(n,p)Rb-86m	TALYS-6	4 [3]	76
Sr-86(n,d)Rb-85	TALYS-6a	0 [8]	45
Sr-86(n,t)Rb-84g	TALYS-5a	0	36
Sr-86(n,t)Rb-84m	TALYS-5a	0	35
Sr-86(n,h)Kr-84	TALYS-6a	0 [8]	38
Sr-86(n,a)Kr-83g	TALYS-6a	0 [2]	100
Sr-86(n,a)Kr-83m	TALYS-6a	0 [2]	100
Sr-86(n,2a)Se-79g	TALYS-6a	0	35
Sr-86(n,2a)Se-79m	TALYS-6a	0	34
Sr-86(n,2p)Kr-85g	TALYS-6a	0	39
Sr-86(n,2p)Kr-85m	TALYS-6a	0	38
Sr-86(n,pa)Br-82g	TALYS-6a	0	35
Sr-86(n,pa)Br-82m	TALYS-6a	0	35
Sr-86(n,pd)Kr-84	TALYS-6a	0 [8]	30
Sr-86(n,pt)Kr-83g	TALYS-6a	0	25
Sr-86(n,pt)Kr-83m	TALYS-6a	0	25
Sr-86(n,da)Br-81	TALYS-6a	0 [8]	27
Sr-86(n,5n)Sr-82	TALYS-6a	0	11
Sr-86(n,6n)Sr-81	TALYS-6a	0	5
Sr-86(n,2nt)Rb-82g	TALYS-6a	0	15
Sr-86(n,2nt)Rb-82m	TALYS-6a	0	15
Sr-86(n,ta)Br-80g	TALYS-6a	0	22
Sr-86(n,ta)Br-80m	TALYS-6a	0	22
Sr-86(n,4np)Rb-82g	TALYS-6a	0	11
Sr-86(n,4np)Rb-82m	TALYS-6a	0	11
Sr-86(n,3nd)Rb-82g	TALYS-6a	0	12
Sr-86(n,3nd)Rb-82m	TALYS-6a	0	12
Sr-86(n,n'da)Br-80g	TALYS-6a	0	16
Sr-86(n,n'da)Br-80m	TALYS-6a	0	16
Sr-86(n,2npa)Br-80g	TALYS-6a	0	16
Sr-86(n,2npa)Br-80m	TALYS-6a	0	16
Sr-86(n,5np)Rb-81g	TALYS-6a	0	7
Sr-86(n,5np)Rb-81m	TALYS-6a	0	7
Sr-86(n,4na)Kr-79g	TALYS-6a	0	11
Sr-86(n,4na)Kr-79m	TALYS-6a	0	11
Sr-86(n,5na)Kr-78	TALYS-6a	0 [8]	7
Sr-86(n,4nd)Rb-81g	TALYS-6a	0	8
Sr-86(n,4nd)Rb-81m	TALYS-6a	0	8
Sr-86(n,3nt)Rb-81g	TALYS-6a	0	11
Sr-86(n,3nt)Rb-81m	TALYS-6a	0	11
Sr-86(n,4nt)Rb-80	TALYS-6a	0	5
Sr-86(n,2nh)Kr-82	TALYS-6a	0 [8]	17
Sr-86(n,3nh)Kr-81g	TALYS-6a	0	11
Sr-86(n,3nh)Kr-81m	TALYS-6a	0	11
Sr-86(n,4nh)Kr-80	TALYS-6a	0 [8]	7
Sr-86(n,3n2p)Kr-82	TALYS-6a	0 [8]	13
Sr-86(n,3n2a)Se-76	TALYS-6a	0 [8]	12
Sr-86(n,3npa)Br-79g	TALYS-6a	0	12
Sr-86(n,3npa)Br-79m	TALYS-6a	0	12
Sr-86(n,dt)Kr-82	TALYS-6a	0 [8]	18
Sr-86(n,n'pd)Kr-83g	TALYS-6a	0	19
Sr-86(n,n'pd)Kr-83m	TALYS-6a	0	19
Sr-86(n,n'pt)Kr-82	TALYS-6a	0 [8]	17
Sr-86(n,n'dt)Kr-81g	TALYS-6a	0	12
Sr-86(n,n'dt)Kr-81m	TALYS-6a	0	12
Sr-86(n,n'ph)Br-82g	TALYS-6a	0	14
Sr-86(n,n'ph)Br-82m	TALYS-6a	0	14
Sr-86(n,n'dh)Br-81	TALYS-6a	0 [8]	11
Sr-86(n,n'ta)Br-79g	TALYS-6a	0	16
Sr-86(n,n'ta)Br-79m	TALYS-6a	0	15
Sr-86(n,2n2p)Kr-83g	TALYS-6a	0	17
Sr-86(n,2n2p)Kr-83m	TALYS-6a	0	17
Sr-86(n,ph)Br-83	TALYS-6a	0 [8]	21
Sr-86(n,ha)Se-80	TALYS-6a	0 [8]	21
Sr-86(n,4n2p)Kr-81g	TALYS-6a	0	8
Sr-86(n,4n2p)Kr-81m	TALYS-6a	0	7
Sr-86(n,n'3p)Br-83	TALYS-6a	0 [8]	15
Sr-87(n,n')Sr-87m	ADL-3	4 [13]	45
Sr-87(n,2nd)Rb-84g	TALYS-6a	0	19
Sr-87(n,2nd)Rb-84m	TALYS-6a	0	19
Sr-87(n,2n)Sr-86	TALYS-6a	0	44
Sr-87(n,3n)Sr-85g	TALYS-6a	0	26
Sr-87(n,3n)Sr-85m	TALYS-6a	0	26
Sr-87(n,n'a)Kr-83g	TALYS-6a	0	42
Sr-87(n,n'a)Kr-83m	TALYS-6a	0	42
Sr-87(n,2na)Kr-82	TALYS-6a	0 [8]	29
Sr-87(n,3na)Kr-81g	TALYS-6a	0	18
Sr-87(n,3na)Kr-81m	TALYS-6a	0	18
Sr-87(n,n'p)Rb-86g	TALYS-6a	0	42
Sr-87(n,n'p)Rb-86m	TALYS-6a	0	40
Sr-87(n,n'2a)Se-79g	TALYS-6a	0	24
Sr-87(n,n'2a)Se-79m	TALYS-6a	0	24
Sr-87(n,2n2a)Se-78	TALYS-6a	0 [8]	17
Sr-87(n,n'd)Rb-85	TALYS-6a	0	30
Sr-87(n,n't)Rb-84g	TALYS-6a	0	25
Sr-87(n,n't)Rb-84m	TALYS-6a	0	25
Sr-87(n,n'h)Kr-84	TALYS-6a	0 [8]	26
Sr-87(n,4n)Sr-84	TALYS-6a	0	18
Sr-87(n,2np)Rb-85	TALYS-6a	0	28
Sr-87(n,3np)Rb-84g	TALYS-6a	0	18
Sr-87(n,3np)Rb-84m	TALYS-6a	0	17
Sr-87(n,n'2p)Kr-85g	TALYS-6a	0	26
Sr-87(n,n'2p)Kr-85m	TALYS-6a	0	26
Sr-87(n,n'pa)Br-82g	TALYS-6a	0	24
Sr-87(n,n'pa)Br-82m	TALYS-6a	0	24
>Sr-87(n,g)Sr-88	JEF-2.2	4 [13,3]	4868
Sr-87(n,p)Rb-87	TALYS-5	2 [9,3,3]	4797
Sr-87(n,d)Rb-86g	TALYS-6a	0	46
Sr-87(n,d)Rb-86m	TALYS-6a	0	44
Sr-87(n,t)Rb-85	TALYS-6a	0 [8]	40
Sr-87(n,h)Kr-85g	TALYS-6a	0	35
Sr-87(n,h)Kr-85m	TALYS-6a	0	35
Sr-87(n,a)Kr-84	TALYS-6a	0 [9,2,3]	4797
Sr-87(n,2a)Se-80	TALYS-6a	0 [8]	38
Sr-87(n,2p)Kr-86	TALYS-6a	0 [8]	42
Sr-87(n,pa)Br-83	TALYS-6a	0 [8]	37
Sr-87(n,pd)Kr-85g	TALYS-6a	0	28
Sr-87(n,pd)Kr-85m	TALYS-6a	0	28
Sr-87(n,pt)Kr-84	TALYS-6a	0 [8]	27
Sr-87(n,da)Br-82g	TALYS-6a	0	26
Sr-87(n,da)Br-82m	TALYS-6a	0	26
Sr-87(n,5n)Sr-83g	TALYS-6a	0	11
Sr-87(n,5n)Sr-83m	TALYS-6a	0	11
Sr-87(n,6n)Sr-82	TALYS-6a	0	7
Sr-87(n,2nt)Rb-83	TALYS-6a	0 [8]	16
Sr-87(n,ta)Br-81	TALYS-6a	0 [8]	25
Sr-87(n,4np)Rb-83	TALYS-6a	0	13
Sr-87(n,3nd)Rb-83	TALYS-6a	0 [8]	13
Sr-87(n,n'da)Br-81	TALYS-6a	0 [8]	18
Sr-87(n,2npa)Br-81	TALYS-6a	0 [8]	17
Sr-87(n,5np)Rb-82g	TALYS-6a	0	7
Sr-87(n,5np)Rb-82m	TALYS-6a	0	7
Sr-87(n,4na)Kr-80	TALYS-6a	0 [8]	13
Sr-87(n,5na)Kr-79g	TALYS-6a	0	7
Sr-87(n,5na)Kr-79m	TALYS-6a	0	7
Sr-87(n,4nd)Rb-82g	TALYS-6a	0	8
Sr-87(n,4nd)Rb-82m	TALYS-6a	0	8
Sr-87(n,3nt)Rb-82g	TALYS-6a	0	11
Sr-87(n,3nt)Rb-82m	TALYS-6a	0	11
Sr-87(n,4nt)Rb-81g	TALYS-6a	0	6
Sr-87(n,4nt)Rb-81m	TALYS-6a	0	6
Sr-87(n,2nh)Kr-83g	TALYS-6a	0	16
Sr-87(n,2nh)Kr-83m	TALYS-6a	0	16
Sr-87(n,3nh)Kr-82	TALYS-6a	0 [8]	12
Sr-87(n,4nh)Kr-81g	TALYS-6a	0	7
Sr-87(n,4nh)Kr-81m	TALYS-6a	0	7
Sr-87(n,3n2p)Kr-83g	TALYS-6a	0	13
Sr-87(n,3n2p)Kr-83m	TALYS-6a	0	12
Sr-87(n,3n2a)Se-77g	TALYS-6a	0	11
Sr-87(n,3n2a)Se-77m	TALYS-6a	0	11
Sr-87(n,3npa)Br-80g	TALYS-6a	0	11
Sr-87(n,3npa)Br-80m	TALYS-6a	0	11
Sr-87(n,dt)Kr-83g	TALYS-6a	0	17
Sr-87(n,dt)Kr-83m	TALYS-6a	0	17
Sr-87(n,n'pd)Kr-84	TALYS-6a	0 [8]	21
Sr-87(n,n'pt)Kr-83g	TALYS-6a	0	16
Sr-87(n,n'pt)Kr-83m	TALYS-6a	0	16
Sr-87(n,n'dt)Kr-82	TALYS-6a	0 [8]	13
Sr-87(n,n'ph)Br-83	TALYS-6a	0 [8]	14
Sr-87(n,n'dh)Br-82g	TALYS-6a	0	10
Sr-87(n,n'dh)Br-82m	TALYS-6a	0	10
Sr-87(n,n'ta)Br-80g	TALYS-6a	0	15
Sr-87(n,n'ta)Br-80m	TALYS-6a	0	15
Sr-87(n,2n2p)Kr-84	TALYS-6a	0 [8]	19
Sr-87(n,4n2p)Kr-82	TALYS-6a	0 [8]	9
Sr-87(n,4npa)Br-79g	TALYS-6a	0	7
Sr-87(n,4npa)Br-79m	TALYS-6a	0	7
Sr-87(n,n'3p)Br-84g	TALYS-6a	0	14
Sr-87(n,n'3p)Br-84m	TALYS-6a	0	14
Sr-88(n,2nd)Rb-85	TALYS-6a	0	19
Sr-88(n,2n)Sr-87g	ADL-3	2 [13]	45
Sr-88(n,2n)Sr-87m	ADL-3	6 [13]	44
Sr-88(n,3n)Sr-86	TALYS-6a	0	27
Sr-88(n,n'a)Kr-84	TALYS-6a	0 [8]	41
Sr-88(n,2na)Kr-83g	TALYS-6a	0	26
Sr-88(n,2na)Kr-83m	TALYS-6a	0	25
Sr-88(n,3na)Kr-82	TALYS-6a	0 [8]	18
Sr-88(n,n'p)Rb-87	TALYS-6a	0 [8]	39
Sr-88(n,n'2a)Se-80	TALYS-6a	0 [8]	23
Sr-88(n,2n2a)Se-79g	TALYS-6a	0	14
Sr-88(n,2n2a)Se-79m	TALYS-6a	0	14
Sr-88(n,n'd)Rb-86g	TALYS-6a	0	27
Sr-88(n,n'd)Rb-86m	TALYS-6a	0	27
Sr-88(n,n't)Rb-85	TALYS-6a	0 [8]	25
Sr-88(n,n'h)Kr-85g	TALYS-6a	0	22
Sr-88(n,n'h)Kr-85m	TALYS-6a	0	22
Sr-88(n,4n)Sr-85g	TALYS-6a	0	16
Sr-88(n,4n)Sr-85m	TALYS-6a	0	16
Sr-88(n,2np)Rb-86g	TALYS-6a	0	25
Sr-88(n,2np)Rb-86m	TALYS-6a	0	25
Sr-88(n,3np)Rb-85	TALYS-6a	0	17
Sr-88(n,n'2p)Kr-86	TALYS-6a	0 [8]	25
Sr-88(n,n'pa)Br-83	TALYS-6a	0 [8]	23
Sr-88(n,g)Sr-89 15839	JENDL-3.2	4 [13]	
Sr-88(n,p)Rb-88	TALYS-5a	6 [3,8]	61
Sr-88(n,d)Rb-87	TALYS-6a	0 [8]	43
Sr-88(n,t)Rb-86g	TALYS-6a	2 [4]	35
Sr-88(n,t)Rb-86m	TALYS-6a	0 [4]	34
Sr-88(n,h)Kr-86	TALYS-6a	0 [8]	33
Sr-88(n,a)Kr-85g	TALYS-6a	0 [3]	70
Sr-88(n,a)Kr-85m	TALYS-6a	4 [3]	69
Sr-88(n,2a)Se-81g	TALYS-6a	0	29
Sr-88(n,2a)Se-81m	TALYS-6a	0	30
Sr-88(n,2p)Kr-87	TALYS-6a	0 [8]	31
Sr-88(n,pa)Br-84g	TALYS-6a	0	30
Sr-88(n,pa)Br-84m	TALYS-6a	0	29
Sr-88(n,pd)Kr-86	TALYS-6a	0 [8]	27
Sr-88(n,pt)Kr-85g	TALYS-6a	0	23
Sr-88(n,pt)Kr-85m	TALYS-6a	0	22
Sr-88(n,da)Br-83	TALYS-6a	0 [8]	24
Sr-88(n,5n)Sr-84	TALYS-6a	0	11
Sr-88(n,6n)Sr-83g	TALYS-6a	0	5
Sr-88(n,6n)Sr-83m	TALYS-6a	0	5
Sr-88(n,2nt)Rb-84g	TALYS-6a	0	15
Sr-88(n,2nt)Rb-84m	TALYS-6a	0	15
Sr-88(n,ta)Br-82g	TALYS-6a	0	20
Sr-88(n,ta)Br-82m	TALYS-6a	0	20
Sr-88(n,4np)Rb-84g	TALYS-6a	0	11
Sr-88(n,4np)Rb-84m	TALYS-6a	0	11
Sr-88(n,3nd)Rb-84g	TALYS-6a	0	12
Sr-88(n,3nd)Rb-84m	TALYS-6a	0	12
Sr-88(n,n'da)Br-82g	TALYS-6a	0	15

Reaction	Library	Flag	Refs	Value
Sr-88(n,n'da)Br-82m	TALYS-6a	0		15
Sr-88(n,2npa)Br-82g	TALYS-6a	0		15
Sr-88(n,2npa)Br-82m	TALYS-6a	0		15
Sr-88(n,5np)Rb-83	TALYS-6a	0		7
Sr-88(n,4na)Kr-81g	TALYS-6a	0		11
Sr-88(n,4na)Kr-81m	TALYS-6a	0		11
Sr-88(n,5na)Kr-80	TALYS-6a	0	[8]	7
Sr-88(n,4nd)Rb-83	TALYS-6a	0		8
Sr-88(n,3nt)Rb-83	TALYS-6a	0		11
Sr-88(n,4nt)Rb-82g	TALYS-6a	0		5
Sr-88(n,4nt)Rb-82m	TALYS-6a	0		5
Sr-88(n,2nh)Kr-84	TALYS-6a	0	[8]	16
Sr-88(n,3nh)Kr-83g	TALYS-6a	0		11
Sr-88(n,3nh)Kr-83m	TALYS-6a	0		10
Sr-88(n,4nh)Kr-82	TALYS-6a	0	[8]	7
Sr-88(n,3n2p)Kr-84	TALYS-6a	0	[8]	12
Sr-88(n,3n2a)Se-78	TALYS-6a	0	[8]	11
Sr-88(n,3npa)Br-81	TALYS-6a	0	[8]	11
Sr-88(n,dt)Kr-84	TALYS-6a	0	[8]	17
Sr-88(n,n'pd)Kr-85g	TALYS-6a	0		17
Sr-88(n,n'pd)Kr-85m	TALYS-6a	0		16
Sr-88(n,n'pt)Kr-84	TALYS-6a	0	[8]	16
Sr-88(n,n'dt)Kr-83g	TALYS-6a	0		11
Sr-88(n,n'dt)Kr-83m	TALYS-6a	0		11
Sr-88(n,n'ph)Br-84g	TALYS-6a	0		12
Sr-88(n,n'ph)Br-84m	TALYS-6a	0		12
Sr-88(n,n'ta)Br-81	TALYS-6a	0	[8]	15
Sr-88(n,2n2p)Kr-85g	TALYS-6a	0		16
Sr-88(n,2n2p)Kr-85m	TALYS-6a	0		15
Sr-88(n,4n2p)Kr-83g	TALYS-6a	0		7
Sr-88(n,4n2p)Kr-83m	TALYS-6a	0		7
Sr-89(n,2nd)Rb-86g	TALYS-6a	0		21
Sr-89(n,2nd)Rb-86m	TALYS-6a	0		20
Sr-89(n,2n)Sr-88	TALYS-6a	0		53
Sr-89(n,3n)Sr-87g	TALYS-6a	0		29
Sr-89(n,3n)Sr-87m	TALYS-6a	0		28
Sr-89(n,n'a)Kr-85g	TALYS-6a	0		42
Sr-89(n,n'a)Kr-85m	TALYS-6a	0		42
Sr-89(n,2na)Kr-84	TALYS-6a	0	[8]	30
Sr-89(n,3na)Kr-83g	TALYS-6a	0		19
Sr-89(n,3na)Kr-83m	TALYS-6a	0		19
Sr-89(n,n'p)Rb-88	TALYS-6a	0		39
Sr-89(n,n'2a)Se-81g	TALYS-6a	0		22
Sr-89(n,n'2a)Se-81m	TALYS-6a	0		23
Sr-89(n,2n2a)Se-80	TALYS-6a	0	[8]	16
Sr-89(n,n'd)Rb-87	TALYS-6a	0	[8]	31
Sr-89(n,n't)Rb-86g	TALYS-6a	0		27
Sr-89(n,n't)Rb-86m	TALYS-6a	0		26
Sr-89(n,n'h)Kr-86	TALYS-6a	0	[8]	26
Sr-89(n,4n)Sr-86	TALYS-6a	0		20
Sr-89(n,2np)Rb-87	TALYS-6a	0		29
Sr-89(n,3np)Rb-86g	TALYS-6a	0		19
Sr-89(n,3np)Rb-86m	TALYS-6a	0		19
Sr-89(n,n'2p)Kr-87	TALYS-6a	0	[8]	24
Sr-89(n,n'pa)Br-84g	TALYS-6a	0		23
Sr-89(n,n'pa)Br-84m	TALYS-6a	0		22
Sr-89(n,g)Sr-90	JEF-2.2	2	[13]	418
Sr-89(n,p)Rb-89	TALYS-6a	0	[2,8]	65
Sr-89(n,d)Rb-88	TALYS-6a	0	[8]	43
Sr-89(n,t)Rb-87	TALYS-6a	0	[8]	42
Sr-89(n,h)Kr-87	TALYS-6a	0	[8]	31
Sr-89(n,a)Kr-86	TALYS-6a	0	[2]	100
Sr-89(n,2a)Se-82	TALYS-6a	0	[8]	34
Sr-89(n,2p)Kr-88	TALYS-6a	0	[8]	31
Sr-89(n,pa)Br-85	TALYS-6a	0	[8]	33
Sr-89(n,pd)Kr-87	TALYS-6a	0	[8]	26
Sr-89(n,pt)Kr-86	TALYS-6a	0	[8]	27
Sr-89(n,da)Br-84g	TALYS-6a	0		24
Sr-89(n,da)Br-84m	TALYS-6a	0		24
Sr-89(n,5n)Sr-85g	TALYS-6a	0		13
Sr-89(n,5n)Sr-85m	TALYS-6a	0		12
Sr-89(n,6n)Sr-84	TALYS-6a	0		8
Sr-89(n,2nt)Rb-85	TALYS-6a	0	[8]	18
Sr-89(n,ta)Br-83	TALYS-6a	0	[8]	24
Sr-89(n,4np)Rb-85	TALYS-6a	0	[8]	13
Sr-89(n,3nd)Rb-85	TALYS-6a	0	[8]	14
Sr-89(n,n'da)Br-83	TALYS-6a	0	[8]	17
Sr-89(n,2npa)Br-83	TALYS-6a	0	[8]	16
Sr-89(n,5np)Rb-84g	TALYS-6a	0		8
Sr-89(n,5np)Rb-84m	TALYS-6a	0		8
Sr-89(n,4na)Kr-82	TALYS-6a	0	[8]	14
Sr-89(n,5na)Kr-81g	TALYS-6a	0		8
Sr-89(n,5na)Kr-81m	TALYS-6a	0		8
Sr-89(n,4nd)Rb-84g	TALYS-6a	0		9
Sr-89(n,4nd)Rb-84m	TALYS-6a	0		9
Sr-89(n,5nd)Rb-83	TALYS-6a	0		5
Sr-89(n,3nt)Rb-84g	TALYS-6a	0		12
Sr-89(n,3nt)Rb-84m	TALYS-6a	0		12
Sr-89(n,4nt)Rb-83	TALYS-6a	0	[8]	7
Sr-89(n,2nh)Kr-85g	TALYS-6a	0		16
Sr-89(n,2nh)Kr-85m	TALYS-6a	0		16
Sr-89(n,3nh)Kr-84	TALYS-6a	0	[8]	13
Sr-89(n,4nh)Kr-83g	TALYS-6a	0		7
Sr-89(n,4nh)Kr-83m	TALYS-6a	0		7
Sr-89(n,3n2p)Kr-85g	TALYS-6a	0		12
Sr-89(n,3n2p)Kr-85m	TALYS-6a	0		12
Sr-89(n,3n2a)Se-79g	TALYS-6a	0		11
Sr-89(n,3n2a)Se-79m	TALYS-6a	0		11
Sr-89(n,3npa)Br-82g	TALYS-6a	0		11
Sr-89(n,3npa)Br-82m	TALYS-6a	0		11
Sr-89(n,dt)Kr-85g	TALYS-6a	0		17
Sr-89(n,dt)Kr-85m	TALYS-6a	0		17
Sr-89(n,n'pd)Kr-86	TALYS-6a	0	[8]	20
Sr-89(n,n'pt)Kr-85g	TALYS-6a	0		16
Sr-89(n,n'pt)Kr-85m	TALYS-6a	0		16
Sr-89(n,n'dt)Kr-84	TALYS-6a	0	[8]	13
Sr-89(n,n'ph)Br-85	TALYS-6a	0	[8]	13
Sr-89(n,n'ta)Br-82g	TALYS-6a	0		15
Sr-89(n,n'ta)Br-82m	TALYS-6a	0		15
Sr-89(n,2n2p)Kr-86	TALYS-6a	0	[8]	18
Sr-89(n,4n2p)Kr-84	TALYS-6a	0	[8]	9
Sr-89(n,4npa)Br-81	TALYS-6a	0	[8]	8
Sr-90(n,2nd)Rb-87	TALYS-6a	0	[8]	23
Sr-90(n,2n)Sr-89	TALYS-6a	0		46
Sr-90(n,3n)Sr-88	TALYS-6a	0		33
Sr-90(n,n'a)Kr-86	TALYS-6a	0	[8]	48
Sr-90(n,2na)Kr-85g	TALYS-6a	0		29
Sr-90(n,2na)Kr-85m	TALYS-6a	0		28
Sr-90(n,3na)Kr-84	TALYS-6a	0	[8]	22
Sr-90(n,n'p)Rb-89	TALYS-6a	0	[8]	37
Sr-90(n,n'2a)Se-82	TALYS-6a	0	[8]	24
Sr-90(n,2n2a)Se-81g	TALYS-6a	0		15
Sr-90(n,2n2a)Se-81m	TALYS-6a	0		15
Sr-90(n,n'd)Rb-88	TALYS-6a	0	[8]	29
Sr-90(n,n't)Rb-87	TALYS-6a	0	[8]	29
Sr-90(n,n'h)Kr-87	TALYS-6a	0	[8]	23
Sr-90(n,4n)Sr-87g	TALYS-6a	0		21
Sr-90(n,4n)Sr-87m	TALYS-6a	0		21
Sr-90(n,2np)Rb-88	TALYS-6a	0	[8]	27
Sr-90(n,3np)Rb-87	TALYS-6a	0		21
Sr-90(n,n'2p)Kr-88	TALYS-6a	0	[8]	23
Sr-90(n,n'pa)Br-85	TALYS-6a	0		24
>Sr-90(n,g)Sr-91	KOPECKY-2000	2	[13,12]	148
Sr-90(n,p)Rb-90g	TALYS-6a	0	[2]	54
Sr-90(n,p)Rb-90m	TALYS-6a	0	[2]	54
Sr-90(n,d)Rb-89	TALYS-6a	0	[8]	41
Sr-90(n,t)Rb-88	TALYS-6a	0	[8]	39
Sr-90(n,h)Kr-88	TALYS-6a	0	[8]	30
Sr-90(n,a)Kr-87	TALYS-6a	0	[2]	100
Sr-90(n,2p)Kr-89	TALYS-6a	0	[8]	28
Sr-90(n,pa)Br-86	TALYS-6a	0	[8]	29
Sr-90(n,pd)Kr-88	TALYS-6a	0	[8]	25
Sr-90(n,pt)Kr-87	TALYS-6a	0	[8]	24
Sr-90(n,da)Br-85	TALYS-6a	0	[8]	26
Sr-90(n,5n)Sr-86	TALYS-6a	0		14
Sr-90(n,6n)Sr-85g	TALYS-6a	0		9
Sr-90(n,6n)Sr-85m	TALYS-6a	0		9
Sr-90(n,2nt)Rb-86g	TALYS-6a	0		19
Sr-90(n,2nt)Rb-86m	TALYS-6a	0		18
Sr-90(n,ta)Br-84g	TALYS-6a	0		22
Sr-90(n,ta)Br-84m	TALYS-6a	0		22
Sr-90(n,4np)Rb-86g	TALYS-6a	0		14
Sr-90(n,4np)Rb-86m	TALYS-6a	0		14
Sr-90(n,3nd)Rb-86g	TALYS-6a	0		15
Sr-90(n,3nd)Rb-86m	TALYS-6a	0		14
Sr-90(n,n'da)Br-84g	TALYS-6a	0		16
Sr-90(n,n'da)Br-84m	TALYS-6a	0		16
Sr-90(n,2npa)Br-84g	TALYS-6a	0		16
Sr-90(n,2npa)Br-84m	TALYS-6a	0		15
Sr-90(n,7n)Sr-84	TALYS-6a	0		4
Sr-90(n,5np)Rb-85	TALYS-6a	0		10
Sr-90(n,4na)Kr-83g	TALYS-6a	0		14
Sr-90(n,4na)Kr-83m	TALYS-6a	0		13
Sr-90(n,5na)Kr-82	TALYS-6a	0	[8]	10
Sr-90(n,4nd)Rb-85	TALYS-6a	0	[8]	10
Sr-90(n,5nd)Rb-84g	TALYS-6a	0		5
Sr-90(n,5nd)Rb-84m	TALYS-6a	0		5
Sr-90(n,3nt)Rb-85	TALYS-6a	0	[8]	13
Sr-90(n,4nt)Rb-84g	TALYS-6a	0		8
Sr-90(n,4nt)Rb-84m	TALYS-6a	0		8
Sr-90(n,2nh)Kr-86	TALYS-6a	0	[8]	18
Sr-90(n,3nh)Kr-85g	TALYS-6a	0		12
Sr-90(n,3nh)Kr-85m	TALYS-6a	0		12
Sr-90(n,4nh)Kr-84	TALYS-6a	0	[8]	9
Sr-90(n,3n2p)Kr-86	TALYS-6a	0	[8]	13
Sr-90(n,3n2a)Se-80	TALYS-6a	0	[8]	12
Sr-90(n,3npa)Br-83	TALYS-6a	0	[8]	12
Sr-90(n,n'pd)Kr-87	TALYS-6a	0	[8]	18
Sr-90(n,n'pt)Kr-86	TALYS-6a	0	[8]	18
Sr-90(n,n'dt)Kr-85g	TALYS-6a	0		13
Sr-90(n,n'dt)Kr-85m	TALYS-6a	0		13
Sr-90(n,n'ta)Br-83	TALYS-6a	0	[8]	16
Sr-90(n,2n2p)Kr-87	TALYS-6a	0	[8]	16
Sr-90(n,4n2p)Kr-85g	TALYS-6a	0		8
Sr-90(n,4n2p)Kr-85m	TALYS-6a	0		8
Sr-90(n,4npa)Br-82g	TALYS-6a	0		7
Sr-90(n,4npa)Br-82m	TALYS-6a	0		7
Sr-91(n,2nd)Rb-88	TALYS-6a	0	[8,7,8]	23
Sr-91(n,2n)Sr-90	TALYS-6a	0		56
Sr-91(n,3n)Sr-89	TALYS-6a	0		34
Sr-91(n,n'a)Kr-87	TALYS-6a	0	[8,7,8]	47
Sr-91(n,2na)Kr-86	TALYS-6a	0	[8,7,8]	35
Sr-91(n,3na)Kr-85g	TALYS-6a	0		23
Sr-91(n,3na)Kr-85m	TALYS-6a	0		22
Sr-91(n,n'p)Rb-90g	TALYS-6a	0		37
Sr-91(n,n'p)Rb-90m	TALYS-6a	0		37
Sr-91(n,n'2a)Se-83g	TALYS-6a	0		24
Sr-91(n,n'2a)Se-83m	TALYS-6a	0		23
Sr-91(n,2n2a)Se-82	TALYS-6a	0	[8,7,8]	18
Sr-91(n,n'd)Rb-89	TALYS-6a	0	[8,7,8]	30
Sr-91(n,n't)Rb-88	TALYS-6a	0	[8,7,8]	29
Sr-91(n,n'h)Kr-88	TALYS-6a	0	[8,7,8]	24
Sr-91(n,4n)Sr-88	TALYS-6a	0		26
Sr-91(n,2np)Rb-89	TALYS-6a	0		29
Sr-91(n,3np)Rb-88	TALYS-6a	0	[8,7,8]	21
Sr-91(n,n'2p)Kr-89	TALYS-6a	0	[8,7,8]	22
Sr-91(n,n'pa)Br-86	TALYS-6a	0	[8,7,8]	23
Sr-91(n,g)Sr-92	TALYS-6a	0	[14]	100
Sr-91(n,p)Rb-91	TALYS-6a	0	[2,8,7,8]	58
Sr-91(n,d)Rb-90g	TALYS-6a	0		41
Sr-91(n,d)Rb-90m	TALYS-6a	0		41
Sr-91(n,t)Rb-89	TALYS-6a	0	[8,7,8]	42
Sr-91(n,h)Kr-89	TALYS-6a	0	[8,7,8]	30
Sr-91(n,a)Kr-88	TALYS-6a	0	[2]	100
Sr-91(n,2p)Kr-90	TALYS-6a	0	[8,7,8]	28
Sr-91(n,pd)Kr-89	TALYS-6a	0	[8,7,8]	24
Sr-91(n,da)Br-86	TALYS-6a	0	[8,7,8]	25
Sr-91(n,5n)Sr-87g	TALYS-6a	0		16

Reaction	Source			Reaction	Source		
Sr-91(n,5n)Sr-87m	TALYS-6a	0	16	Y-86(n,3nt)Sr-81	TALYS-6a	0 [8]	11
Sr-91(n,6n)Sr-86	TALYS-6a	0	12	Y-86(n,4nt)Sr-80	TALYS-6a	0	7
Sr-91(n,2nt)Rb-87	TALYS-6a	0 [8,7,8]	23	Y-86(n,2nh)Rb-82g	TALYS-6a	0	18
Sr-91(n,ta)Br-85	TALYS-6a	0 [8,7,8]	26	Y-86(n,2nh)Rb-82m	TALYS-6a	0	18
Sr-91(n,4np)Rb-87	TALYS-6a	0	16	Y-86(n,3nh)Rb-81g	TALYS-6a	0	13
Sr-91(n,3nd)Rb-87	TALYS-6a	0 [8,7,8]	17	Y-86(n,3nh)Rb-81m	TALYS-6a	0	13
Sr-91(n,n'da)Br-85	TALYS-6a	0 [8,7,8]	19	Y-86(n,4nh)Rb-80	TALYS-6a	0 [8]	7
Sr-91(n,2npa)Br-85	TALYS-6a	0 [8,7,8]	18	Y-86(n,3n2p)Rb-82g	TALYS-6a	0	13
Sr-91(n,7n)Sr-85g	TALYS-6a	0	6	Y-86(n,3n2p)Rb-82m	TALYS-6a	0	13
Sr-91(n,7n)Sr-85m	TALYS-6a	0	6	Y-86(n,3n2a)Br-76g	TALYS-6a	0	12
Sr-91(n,5np)Rb-86g	TALYS-6a	0	11	Y-86(n,3n2a)Br-76m	TALYS-6a	0	12
Sr-91(n,5np)Rb-86m	TALYS-6a	0	11	Y-86(n,3npa)Kr-79g	TALYS-6a	0	14
Sr-91(n,6np)Rb-85	TALYS-6a	0	7	Y-86(n,3npa)Kr-79m	TALYS-6a	0	14
Sr-91(n,4na)Kr-84	TALYS-6a	0 [8,7,8]	16	Y-86(n,dt)Rb-82g	TALYS-6a	0	19
Sr-91(n,5na)Kr-83g	TALYS-6a	0	11	Y-86(n,dt)Rb-82m	TALYS-6a	0	19
Sr-91(n,5na)Kr-83m	TALYS-6a	0	10	Y-86(n,n'pd)Rb-83	TALYS-6a	0 [8]	23
Sr-91(n,6na)Kr-82	TALYS-6a	0 [8,7,8]	7	Y-86(n,n'pt)Rb-82g	TALYS-6a	0	18
Sr-91(n,4nd)Rb-86g	TALYS-6a	0	12	Y-86(n,n'pt)Rb-82m	TALYS-6a	0	18
Sr-91(n,4nd)Rb-86m	TALYS-6a	0	12	Y-86(n,n'dt)Rb-81g	TALYS-6a	0	13
Sr-91(n,5nd)Rb-85	TALYS-6a	0	8	Y-86(n,n'dt)Rb-81m	TALYS-6a	0	13
Sr-91(n,3nt)Rb-86g	TALYS-6a	0	15	Y-86(n,n'ph)Kr-82	TALYS-6a	0 [8]	21
Sr-91(n,3nt)Rb-86m	TALYS-6a	0	14	Y-86(n,n'dh)Kr-81g	TALYS-6a	0	13
Sr-91(n,4nt)Rb-85	TALYS-6a	0 [8,7,8]	10	Y-86(n,n'dh)Kr-81m	TALYS-6a	0	13
Sr-91(n,5nt)Rb-84g	TALYS-6a	0	5	Y-86(n,n'th)Kr-80	TALYS-6a	0 [8]	12
Sr-91(n,5nt)Rb-84m	TALYS-6a	0	5	Y-86(n,n'ta)Kr-79g	TALYS-6a	0	18
Sr-91(n,2nh)Kr-87	TALYS-6a	0 [8,7,8]	18	Y-86(n,n'ta)Kr-79m	TALYS-6a	0	18
Sr-91(n,3nh)Kr-86	TALYS-6a	0 [8,7,8]	14	Y-86(n,2n2p)Rb-83	TALYS-6a	0 [8]	22
Sr-91(n,4nh)Kr-85g	TALYS-6a	0	9	Y-86(n,ph)Kr-83g	TALYS-6a	0	28
Sr-91(n,4nh)Kr-85m	TALYS-6a	0	9	Y-86(n,ph)Kr-83m	TALYS-6a	0	28
Sr-91(n,3n2p)Kr-87	TALYS-6a	0 [8,7,8]	13	Y-86(n,dh)Kr-82	TALYS-6a	0 [8]	21
Sr-91(n,3n2a)Se-81g	TALYS-6a	0	12	Y-86(n,ha)Br-80g	TALYS-6a	0	24
Sr-91(n,3n2a)Se-81m	TALYS-6a	0	12	Y-86(n,ha)Br-80m	TALYS-6a	0	25
Sr-91(n,3npa)Br-84g	TALYS-6a	0	13	Y-86(n,4n2p)Rb-81g	TALYS-6a	0	9
Sr-91(n,3npa)Br-84m	TALYS-6a	0	12	Y-86(n,4n2p)Rb-81m	TALYS-6a	0	9
Sr-91(n,n'pd)Kr-88	TALYS-6a	0 [8,7,8]	19	Y-86(n,4npa)Kr-78	TALYS-6a	0 [8]	9
Sr-91(n,n'pt)Kr-87	TALYS-6a	0 [8,7,8]	18	Y-86(n,3p)Kr-84	TALYS-6a	0 [8]	32
Sr-91(n,n'dt)Kr-86	TALYS-6a	0 [8,7,8]	15	Y-86(n,n'3p)Kr-83g	TALYS-6a	0	21
Sr-91(n,n'ph)Br-87	TALYS-6a	0 [8,7,8]	12	Y-86(n,n'3p)Kr-83m	TALYS-6a	0	21
Sr-91(n,n'ta)Br-84g	TALYS-6a	0	16	Y-86(n,3n2pa)Br-78	TALYS-6a	0 [8]	8
Sr-91(n,n'ta)Br-84m	TALYS-6a	0	16	Y-87(n,n')Y-87m	TALYS-6a	0	87
Sr-91(n,2n2p)Kr-88	TALYS-6a	0 [8,7,8]	17	Y-87(n,2nd)Sr-84	TALYS-6a	0 [8]	22
Sr-91(n,4n2p)Kr-86	TALYS-6a	0 [8,7,8]	10	Y-87(n,2n)Y-86g	TALYS-6a	0	38
Sr-91(n,4npa)Br-83	TALYS-6a	0 [8,7,8]	9	Y-87(n,2n)Y-86m	TALYS-6a	0	37
Y-86(n,n')Y-86m	TALYS-6a	0	88	Y-87(n,3n)Y-85g	TALYS-6a	0	25
Y-86(n,2nd)Sr-83g	TALYS-6a	0	22	Y-87(n,3n)Y-85m	TALYS-6a	0	25
Y-86(n,2nd)Sr-83m	TALYS-6a	0	22	Y-87(n,n'a)Rb-83	TALYS-6a	0 [8]	44
Y-86(n,2n)Y-85g	TALYS-6a	0	42	Y-87(n,n'3a)As-75	TALYS-6a	0 [8]	15
Y-86(n,2n)Y-85m	TALYS-6a	0	42	Y-87(n,2na)Rb-82g	TALYS-6a	0	27
Y-86(n,3n)Y-84g	TALYS-6a	0 [4,7,8]	25	Y-87(n,2na)Rb-82m	TALYS-6a	0	27
Y-86(n,3n)Y-84m	TALYS-6a	0 [4,7,8]	24	Y-87(n,3na)Rb-81g	TALYS-6a	0	17
Y-86(n,n'a)Rb-82g	TALYS-6a	0	46	Y-87(n,3na)Rb-81m	TALYS-6a	0	17
Y-86(n,n'a)Rb-82m	TALYS-6a	0	46	Y-87(n,n'p)Sr-86	TALYS-6a	0 [8]	54
Y-86(n,n'3a)As-74	TALYS-6a	0 [8]	15	Y-87(n,n'2a)Br-79g	TALYS-6a	0	27
Y-86(n,2na)Rb-81g	TALYS-6a	0	30	Y-87(n,n'2a)Br-79m	TALYS-6a	0	27
Y-86(n,2na)Rb-81m	TALYS-6a	0	30	Y-87(n,2n2a)Br-78	TALYS-6a	0 [8]	16
Y-86(n,3na)Rb-80	TALYS-6a	0 [8]	18	Y-87(n,n'd)Sr-85g	TALYS-6a	0	30
Y-86(n,n'p)Sr-85g	TALYS-6a	0	56	Y-87(n,n'd)Sr-85m	TALYS-6a	0	30
Y-86(n,n'p)Sr-85m	TALYS-6a	0	54	Y-87(n,n't)Sr-84	TALYS-6a	0 [8]	28
Y-86(n,n'2a)Br-78	TALYS-6a	0 [8]	28	Y-87(n,n'h)Rb-84g	TALYS-6a	0	25
Y-86(n,2n2a)Br-77g	TALYS-6a	0	19	Y-87(n,n'h)Rb-84m	TALYS-6a	0	25
Y-86(n,2n2a)Br-77m	TALYS-6a	0	19	Y-87(n,n'd2a)Se-77g	TALYS-6a	0	11
Y-86(n,n'd)Sr-84	TALYS-6a	0 [8]	36	Y-87(n,n'd2a)Se-77m	TALYS-6a	0	12
Y-86(n,n't)Sr-83g	TALYS-6a	0	28	Y-87(n,4n)Y-84g	TALYS-6a	0 [4,7,8]	15
Y-86(n,n't)Sr-83m	TALYS-6a	0	28	Y-87(n,4n)Y-84m	TALYS-6a	0 [4,7,8]	14
Y-86(n,n'h)Rb-83	TALYS-6a	0 [8]	28	Y-87(n,2np)Sr-85g	TALYS-6a	0	29
Y-86(n,n'd2a)Se-76	TALYS-6a	0 [8]	14	Y-87(n,2np)Sr-85m	TALYS-6a	0	29
Y-86(n,n't2a)Se-75	TALYS-6a	0 [8]	11	Y-87(n,3np)Sr-84	TALYS-6a	0	20
Y-86(n,4n)Y-83g	TALYS-6a	0	16	Y-87(n,n'2p)Rb-85	TALYS-6a	0 [8]	29
Y-86(n,4n)Y-83m	TALYS-6a	0	16	Y-87(n,n'pa)Kr-82	TALYS-6a	0 [8]	30
Y-86(n,2np)Sr-84	TALYS-6a	0 [8]	32	Y-87(n,g)Y-88	MASGAM	0 [14,13]	83
Y-86(n,3np)Sr-83g	TALYS-6a	0	20	Y-87(n,p)Sr-87g	TALYS-6a	0 [2]	100
Y-86(n,3np)Sr-83m	TALYS-6a	0	20	Y-87(n,p)Sr-87m	TALYS-6a	0 [2]	100
Y-86(n,n'2p)Rb-84g	TALYS-6a	0	30	Y-87(n,d)Sr-86	TALYS-6a	0 [8]	64
Y-86(n,n'2p)Rb-84m	TALYS-6a	0	30	Y-87(n,t)Sr-85g	TALYS-6a	0	42
Y-86(n,n'pa)Kr-81g	TALYS-6a	0	31	Y-87(n,t)Sr-85m	TALYS-6a	0	41
Y-86(n,n'pa)Kr-81m	TALYS-6a	0	31	Y-87(n,h)Rb-85	TALYS-6a	0 [8]	41
Y-86(n,g)Y-87g	MASGAM	0 [14,13,4,6]	83	Y-87(n,a)Rb-84g	TALYS-6a	0 [2]	100
Y-86(n,g)Y-87m	MASGAM	0 [14,13,4,6]	83	Y-87(n,a)Rb-84m	TALYS-6a	0 [2]	100
Y-86(n,p)Sr-86	TALYS-6a	0 [2]	100	Y-87(n,2a)Br-80g	TALYS-6a	0	37
Y-86(n,d)Sr-85g	TALYS-6a	0	66	Y-87(n,2a)Br-80m	TALYS-6a	0	38
Y-86(n,d)Sr-85m	TALYS-6a	0	64	Y-87(n,2p)Rb-86g	TALYS-6a	0	44
Y-86(n,t)Sr-84	TALYS-6a	0 [8]	53	Y-87(n,2p)Rb-86m	TALYS-6a	0	43
Y-86(n,h)Rb-84g	TALYS-6a	0	43	Y-87(n,pa)Kr-83g	TALYS-6a	0	44
Y-86(n,h)Rb-84m	TALYS-6a	0	43	Y-87(n,pa)Kr-83m	TALYS-6a	0	44
Y-86(n,a)Rb-83	TALYS-6a	0 [2]	100	Y-87(n,d2a)Se-78	TALYS-6a	0 [8]	18
Y-86(n,2a)Br-79g	TALYS-6a	0 [7]	100	Y-87(n,pd)Rb-85	TALYS-6a	0 [8]	31
Y-86(n,2a)Br-79m	TALYS-6a	0	49	Y-87(n,pt)Rb-84g	TALYS-6a	0	26
Y-86(n,3a)As-75	TALYS-6a	0 [8]	26	Y-87(n,pt)Rb-84m	TALYS-6a	0	26
Y-86(n,2p)Rb-85	TALYS-6a	0 [8]	60	Y-87(n,da)Kr-82	TALYS-6a	0 [8]	31
Y-86(n,pa)Kr-82	TALYS-6a	0 [8]	65	Y-87(n,5n)Y-83g	TALYS-6a	0	10
Y-86(n,t2a)Se-76	TALYS-6a	0 [8]	18	Y-87(n,5n)Y-83m	TALYS-6a	0	10
Y-86(n,d2a)Se-77g	TALYS-6a	0	19	Y-87(n,6n)Y-82	TALYS-6a	0	4
Y-86(n,d2a)Se-77m	TALYS-6a	0	19	Y-87(n,2nt)Sr-83g	TALYS-6a	0	16
Y-86(n,pd)Rb-84g	TALYS-6a	0	33	Y-87(n,2nt)Sr-83m	TALYS-6a	0	16
Y-86(n,pd)Rb-84m	TALYS-6a	0	32	Y-87(n,ta)Kr-81g	TALYS-6a	0	26
Y-86(n,pt)Rb-83	TALYS-6a	0 [8]	30	Y-87(n,ta)Kr-81m	TALYS-6a	0	26
Y-86(n,da)Kr-81g	TALYS-6a	0	33	Y-87(n,4np)Sr-83g	TALYS-6a	0	12
Y-86(n,da)Kr-81m	TALYS-6a	0	32	Y-87(n,4np)Sr-83m	TALYS-6a	0	12
Y-86(n,5n)Y-82	TALYS-6a	0	10	Y-87(n,3nd)Sr-83g	TALYS-6a	0	13
Y-86(n,6n)Y-81	TALYS-6a	0	4	Y-87(n,3nd)Sr-83m	TALYS-6a	0	13
Y-86(n,2nt)Sr-82	TALYS-6a	0 [8]	19	Y-87(n,n'da)Kr-81g	TALYS-6a	0	20
Y-86(n,ta)Kr-80	TALYS-6a	0 [8]	30	Y-87(n,n'da)Kr-81m	TALYS-6a	0	20
Y-86(n,4np)Sr-82	TALYS-6a	0	14	Y-87(n,2npa)Kr-81g	TALYS-6a	0	19
Y-86(n,3nd)Sr-82	TALYS-6a	0	15	Y-87(n,2npa)Kr-81m	TALYS-6a	0	18
Y-86(n,n'da)Kr-80	TALYS-6a	0 [8]	24	Y-87(n,5np)Sr-82	TALYS-6a	0	8
Y-86(n,2npa)Kr-80	TALYS-6a	0 [8]	23	Y-87(n,4na)Rb-80	TALYS-6a	0 [8]	11
Y-86(n,5np)Sr-81	TALYS-6a	0	8	Y-87(n,5na)Rb-79	TALYS-6a	0 [8]	6
Y-86(n,4na)Rb-79	TALYS-6a	0 [8]	12	Y-87(n,4nd)Sr-82	TALYS-6a	0	9
Y-86(n,4nd)Sr-81	TALYS-6a	0 [8]	8	Y-87(n,3nt)Sr-82	TALYS-6a	0	12

Reaction	Library	Flag	Refs	Value
Y-87(n,4nt)Sr-81	TALYS-6a	0	[8]	5
Y-87(n,2nh)Rb-83	TALYS-6a	0	[8]	17
Y-87(n,3nh)Rb-82g	TALYS-6a	0		11
Y-87(n,3nh)Rb-82m	TALYS-6a	0		11
Y-87(n,4nh)Rb-81g	TALYS-6a	0		7
Y-87(n,4nh)Rb-81m	TALYS-6a	0		7
Y-87(n,3n2p)Rb-83	TALYS-6a	0	[8]	13
Y-87(n,3n2a)Br-77g	TALYS-6a	0		12
Y-87(n,3n2a)Br-77m	TALYS-6a	0		12
Y-87(n,3npa)Kr-80	TALYS-6a	0	[8]	13
Y-87(n,dt)Rb-83	TALYS-6a	0	[8]	18
Y-87(n,n'pd)Rb-84g	TALYS-6a	0		20
Y-87(n,n'pd)Rb-84m	TALYS-6a	0		20
Y-87(n,n'pt)Rb-83	TALYS-6a	0	[8]	17
Y-87(n,n'dt)Rb-82g	TALYS-6a	0		12
Y-87(n,n'dt)Rb-82m	TALYS-6a	0		12
Y-87(n,n'ph)Kr-83g	TALYS-6a	0		16
Y-87(n,n'ph)Kr-83m	TALYS-6a	0		16
Y-87(n,n'dh)Kr-82	TALYS-6a	0	[8]	13
Y-87(n,n'th)Kr-81g	TALYS-6a	0		10
Y-87(n,n'th)Kr-81m	TALYS-6a	0		10
Y-87(n,n'ta)Kr-80	TALYS-6a	0	[8]	18
Y-87(n,2n2p)Rb-84g	TALYS-6a	0		18
Y-87(n,2n2p)Rb-84m	TALYS-6a	0		18
Y-87(n,ph)Kr-84	TALYS-6a	0	[8]	27
Y-87(n,ha)Br-81	TALYS-6a	0	[8]	24
Y-87(n,4n2p)Rb-82g	TALYS-6a	0		8
Y-87(n,4n2p)Rb-82m	TALYS-6a	0		8
Y-87(n,4npa)Kr-79g	TALYS-6a	0		7
Y-87(n,4npa)Kr-79m	TALYS-6a	0		8
Y-87(n,3p)Kr-85g	TALYS-6a	0		27
Y-87(n,3p)Kr-85m	TALYS-6a	0		26
Y-87(n,n'3p)Kr-84	TALYS-6a	0	[8]	20
Y-87(n,n')Y-87g	TALYS-6a	0	[12,12]	99
Y-87m(n,2nd)Sr-84	TALYS-6a	0	[8]	22
Y-87m(n,2n)Y-86g	TALYS-6a	0		38
Y-87m(n,2n)Y-86m	TALYS-6a	0		38
Y-87m(n,3n)Y-85g	TALYS-6a	0		25
Y-87m(n,3n)Y-85m	TALYS-6a	0		25
Y-87m(n,n'a)Rb-83	TALYS-6a	0	[8]	45
Y-87m(n,n'3a)As-75	TALYS-6a	0	[8]	15
Y-87m(n,2na)Rb-82g	TALYS-6a	0		27
Y-87m(n,2na)Rb-82m	TALYS-6a	0		27
Y-87m(n,3na)Rb-81g	TALYS-6a	0		18
Y-87m(n,3na)Rb-81m	TALYS-6a	0		18
Y-87m(n,n'p)Sr-86	TALYS-6a	0	[8]	56
Y-87m(n,n'2a)Br-79g	TALYS-6a	0		27
Y-87m(n,n'2a)Br-79m	TALYS-6a	0		27
Y-87m(n,2n2a)Br-78	TALYS-6a	0	[8]	16
Y-87m(n,n'd)Sr-85g	TALYS-6a	0		31
Y-87m(n,n'd)Sr-85m	TALYS-6a	0		31
Y-87m(n,n't)Sr-84	TALYS-6a	0	[8]	28
Y-87m(n,n'h)Rb-84g	TALYS-6a	0		26
Y-87m(n,n'h)Rb-84m	TALYS-6a	0		25
Y-87m(n,n'd2a)Se-77g	TALYS-6a	0		12
Y-87m(n,n'd2a)Se-77m	TALYS-6a	0		12
Y-87m(n,n't2a)Se-76	TALYS-6a	0	[8]	11
Y-87m(n,4n)Y-84g	TALYS-6a	0	[4,7,8]	15
Y-87m(n,4n)Y-84m	TALYS-6a	0	[4,7,8]	14
Y-87m(n,2np)Sr-85g	TALYS-6a	0		29
Y-87m(n,2np)Sr-85m	TALYS-6a	0		29
Y-87m(n,3np)Sr-84	TALYS-6a	0		21
Y-87m(n,n'2p)Rb-85	TALYS-6a	0	[8]	30
Y-87m(n,n'pa)Kr-82	TALYS-6a	0	[8]	30
Y-87m(n,g)Y-88	TALYS-5a	0		100
Y-87m(n,p)Sr-87g	TALYS-6a	0	[2,10]	100
Y-87m(n,p)Sr-87m	TALYS-6a	0	[2,10]	100
Y-87m(n,d)Sr-86	TALYS-6a	0	[8]	66
Y-87m(n,t)Sr-85g	TALYS-6a	0		43
Y-87m(n,t)Sr-85m	TALYS-6a	0		42
Y-87m(n,h)Rb-85	TALYS-6a	0	[8]	41
Y-87m(n,a)Rb-84g	TALYS-6a	0	[2,10]	100
Y-87m(n,a)Rb-84m	TALYS-6a	0	[2,10]	100
Y-87m(n,2a)Br-80g	TALYS-6a	0		38
Y-87m(n,2a)Br-80m	TALYS-6a	0		39
Y-87m(n,2p)Rb-86g	TALYS-6a	0		45
Y-87m(n,2p)Rb-86m	TALYS-6a	0		44
Y-87m(n,pa)Kr-83g	TALYS-6a	0		45
Y-87m(n,pa)Kr-83m	TALYS-6a	0		45
Y-87m(n,d2a)Se-78	TALYS-6a	0	[8]	18
Y-87m(n,pd)Rb-85	TALYS-6a	0	[8]	31
Y-87m(n,pt)Rb-84g	TALYS-6a	0		27
Y-87m(n,pt)Rb-84m	TALYS-6a	0		26
Y-87m(n,da)Kr-82	TALYS-6a	0	[8]	32
Y-87m(n,5n)Y-83g	TALYS-6a	0		10
Y-87m(n,5n)Y-83m	TALYS-6a	0		10
Y-87m(n,6n)Y-82	TALYS-6a	0		4
Y-87m(n,2nt)Sr-83g	TALYS-6a	0		16
Y-87m(n,2nt)Sr-83m	TALYS-6a	0		16
Y-87m(n,ta)Kr-81g	TALYS-6a	0		27
Y-87m(n,ta)Kr-81m	TALYS-6a	0		26
Y-87m(n,4np)Sr-83g	TALYS-6a	0		13
Y-87m(n,4np)Sr-83m	TALYS-6a	0		12
Y-87m(n,3nd)Sr-83g	TALYS-6a	0		13
Y-87m(n,3nd)Sr-83m	TALYS-6a	0		13
Y-87m(n,n'da)Kr-81g	TALYS-6a	0		21
Y-87m(n,n'da)Kr-81m	TALYS-6a	0		20
Y-87m(n,2npa)Kr-81g	TALYS-6a	0		19
Y-87m(n,2npa)Kr-81m	TALYS-6a	0		19
Y-87m(n,5np)Sr-82	TALYS-6a	0		8
Y-87m(n,4na)Rb-80	TALYS-6a	0	[8]	11
Y-87m(n,5na)Rb-79	TALYS-6a	0	[8]	6
Y-87m(n,4nd)Sr-82	TALYS-6a	0		9
Y-87m(n,3nt)Sr-82	TALYS-6a	0		12
Y-87m(n,4nt)Sr-81	TALYS-6a	0	[8]	5
Y-87m(n,2nh)Rb-83	TALYS-6a	0	[8]	17
Y-87m(n,3nh)Rb-82g	TALYS-6a	0		11
Y-87m(n,3nh)Rb-82m	TALYS-6a	0		11
Y-87m(n,4nh)Rb-81g	TALYS-6a	0		7
Y-87m(n,4nh)Rb-81m	TALYS-6a	0		7
Y-87m(n,3n2p)Rb-83	TALYS-6a	0	[8]	13
Y-87m(n,3n2a)Br-77g	TALYS-6a	0		12
Y-87m(n,3n2a)Br-77m	TALYS-6a	0		12
Y-87m(n,3npa)Kr-80	TALYS-6a	0	[8]	14
Y-87m(n,dt)Rb-83	TALYS-6a	0	[8]	19
Y-87m(n,n'pd)Rb-84g	TALYS-6a	0		20
Y-87m(n,n'pd)Rb-84m	TALYS-6a	0		20
Y-87m(n,n'pt)Rb-83	TALYS-6a	0	[8]	18
Y-87m(n,n'dt)Rb-82g	TALYS-6a	0		12
Y-87m(n,n'dt)Rb-82m	TALYS-6a	0		12
Y-87m(n,n'ph)Kr-83g	TALYS-6a	0		17
Y-87m(n,n'ph)Kr-83m	TALYS-6a	0		16
Y-87m(n,n'dh)Kr-82	TALYS-6a	0	[8]	13
Y-87m(n,n'th)Kr-81g	TALYS-6a	0		10
Y-87m(n,n'th)Kr-81m	TALYS-6a	0		10
Y-87m(n,n'ta)Kr-80	TALYS-6a	0	[8]	18
Y-87m(n,2n2p)Rb-84g	TALYS-6a	0		19
Y-87m(n,2n2p)Rb-84m	TALYS-6a	0		18
Y-87m(n,ph)Kr-84	TALYS-6a	0	[8]	27
Y-87m(n,ha)Br-81	TALYS-6a	0	[8]	24
Y-87m(n,4n2p)Rb-82g	TALYS-6a	0		8
Y-87m(n,4n2p)Rb-82m	TALYS-6a	0		8
Y-87m(n,4npa)Kr-79g	TALYS-6a	0		8
Y-87m(n,4npa)Kr-79m	TALYS-6a	0		8
Y-87m(n,3p)Kr-85g	TALYS-6a	0		27
Y-87m(n,3p)Kr-85m	TALYS-6a	0		26
Y-87m(n,n'3p)Kr-84	TALYS-6a	0	[8]	20
Y-88(n,2nd)Sr-85g	TALYS-6a	0		21
Y-88(n,2nd)Sr-85m	TALYS-6a	0		21
Y-88(n,2n)Y-87g	ADL-3	2	[13,3]	44
Y-88(n,2n)Y-87m	ADL-3	2	[13,3]	44
Y-88(n,3n)Y-86g	TALYS-6a	0		25
Y-88(n,3n)Y-86m	TALYS-6a	0		25
Y-88(n,n'a)Rb-84g	TALYS-6a	0		43
Y-88(n,n'a)Rb-84m	TALYS-6a	0		42
Y-88(n,n'3a)As-76	TALYS-6a	0	[8]	12
Y-88(n,2na)Rb-83	TALYS-6a	0	[8]	28
Y-88(n,3na)Rb-82g	TALYS-6a	0		17
Y-88(n,3na)Rb-82m	TALYS-6a	0		17
Y-88(n,n'p)Sr-87g	TALYS-6a	0		50
Y-88(n,n'p)Sr-87m	TALYS-6a	0		48
Y-88(n,n'2a)Br-80g	TALYS-6a	0		24
Y-88(n,n'2a)Br-80m	TALYS-6a	0		25
Y-88(n,2n2a)Br-79g	TALYS-6a	0		17
Y-88(n,2n2a)Br-79m	TALYS-6a	0		17
Y-88(n,n'd)Sr-86	TALYS-6a	0	[8]	34
Y-88(n,n't)Sr-85g	TALYS-6a	0		27
Y-88(n,n't)Sr-85m	TALYS-6a	0		27
Y-88(n,n'h)Rb-85	TALYS-6a	0	[8]	26
Y-88(n,n'd2a)Se-78	TALYS-6a	0	[8]	12
Y-88(n,4n)Y-85g	TALYS-6a	0		16
Y-88(n,4n)Y-85m	TALYS-6a	0		16
Y-88(n,2np)Sr-86	TALYS-6a	0		31
Y-88(n,3np)Sr-85g	TALYS-6a	0		19
Y-88(n,3np)Sr-85m	TALYS-6a	0		19
Y-88(n,n'2p)Rb-86g	TALYS-6a	0		28
Y-88(n,n'2p)Rb-86m	TALYS-6a	0		28
Y-88(n,n'pa)Kr-83g	TALYS-6a	0		28
Y-88(n,n'pa)Kr-83m	TALYS-6a	0		28
Y-88(n,g)Y-89g	MASGAM	0	[14,13,4,6]	83
Y-88(n,g)Y-89m	MASGAM	0	[14,7,13,4,6]	83
Y-88(n,p)Sr-88	TALYS-6a	0	[2]	100
Y-88(n,d)Sr-87g	TALYS-6a	0		60
Y-88(n,d)Sr-87m	TALYS-6a	0		58
Y-88(n,t)Sr-86	TALYS-6a	0	[8]	47
Y-88(n,h)Rb-86g	TALYS-6a	0		39
Y-88(n,h)Rb-86m	TALYS-6a	0		38
Y-88(n,a)Rb-85	TALYS-6a	0	[2]	100
Y-88(n,2a)Br-81	TALYS-6a	0	[8]	40
Y-88(n,2p)Rb-87	TALYS-6a	0	[8]	46
Y-88(n,pa)Kr-84	TALYS-6a	0	[8]	47
Y-88(n,pd)Rb-86g	TALYS-6a	0		30
Y-88(n,pd)Rb-86m	TALYS-6a	0		29
Y-88(n,pt)Rb-85	TALYS-6a	0	[8]	27
Y-88(n,da)Kr-83g	TALYS-6a	0		29
Y-88(n,da)Kr-83m	TALYS-6a	0		29
Y-88(n,5n)Y-84g	TALYS-6a	0	[4,7,8]	10
Y-88(n,5n)Y-84m	TALYS-6a	0	[4,7,8]	9
Y-88(n,6n)Y-83g	TALYS-6a	0		5
Y-88(n,6n)Y-83m	TALYS-6a	0		5
Y-88(n,2nt)Sr-84	TALYS-6a	0	[8]	18
Y-88(n,ta)Kr-82	TALYS-6a	0	[8]	28
Y-88(n,4np)Sr-84	TALYS-6a	0		14
Y-88(n,3nd)Sr-84	TALYS-6a	0		15
Y-88(n,n'da)Kr-82	TALYS-6a	0	[8]	22
Y-88(n,2npa)Kr-82	TALYS-6a	0	[8]	20
Y-88(n,5np)Sr-83g	TALYS-6a	0		8
Y-88(n,5np)Sr-83m	TALYS-6a	0		7
Y-88(n,4na)Rb-81g	TALYS-6a	0		12
Y-88(n,4na)Rb-81m	TALYS-6a	0		12
Y-88(n,5na)Rb-80	TALYS-6a	0	[8]	6
Y-88(n,4nd)Sr-83g	TALYS-6a	0		9
Y-88(n,4nd)Sr-83m	TALYS-6a	0		8
Y-88(n,3nt)Sr-83g	TALYS-6a	0		11
Y-88(n,3nt)Sr-83m	TALYS-6a	0		11
Y-88(n,4nt)Sr-82	TALYS-6a	0	[8]	7
Y-88(n,2nh)Rb-84g	TALYS-6a	0		16
Y-88(n,2nh)Rb-84m	TALYS-6a	0		16
Y-88(n,3nh)Rb-83	TALYS-6a	0	[8]	12
Y-88(n,4nh)Rb-82g	TALYS-6a	0		7
Y-88(n,4nh)Rb-82m	TALYS-6a	0		7
Y-88(n,3n2p)Rb-84g	TALYS-6a	0		13
Y-88(n,3n2p)Rb-84m	TALYS-6a	0		13
Y-88(n,3n2a)Br-78	TALYS-6a	0	[8]	11
Y-88(n,3npa)Kr-81g	TALYS-6a	0		13
Y-88(n,3npa)Kr-81m	TALYS-6a	0		12
Y-88(n,dt)Rb-84g	TALYS-6a	0		17
Y-88(n,dt)Rb-84m	TALYS-6a	0		17

Reaction	Library	Q	Ref	Value	Reaction	Library	Q	Ref	Value
Y-88(n,n'pd)Rb-85	TALYS-6a	0	[8]	21	Y-89(n,4n2p)Rb-84g	TALYS-6a	0		7
Y-88(n,n'pt)Rb-84g	TALYS-6a	0		17	Y-89(n,4n2p)Rb-84m	TALYS-6a	0		7
Y-88(n,n'pt)Rb-84m	TALYS-6a	0		16	Y-89(n,4npa)Kr-81g	TALYS-6a	0		7
Y-88(n,n'dt)Rb-83	TALYS-6a	0	[8]	13	Y-89(n,4npa)Kr-81m	TALYS-6a	0		7
Y-88(n,n'ph)Kr-84	TALYS-6a	0	[8]	17	Y-89(n,n'3p)Kr-86	TALYS-6a	0	[8]	16
Y-88(n,n'dh)Kr-83g	TALYS-6a	0		12	Y-90(n,n')Y-90m	TALYS-6a	0		84
Y-88(n,n'dh)Kr-83m	TALYS-6a	0		12	Y-90(n,2nd)Sr-87g	TALYS-6a	0		23
Y-88(n,n'ta)Kr-81g	TALYS-6a	0		16	Y-90(n,2nd)Sr-87m	TALYS-6a	0		22
Y-88(n,n'ta)Kr-81m	TALYS-6a	0		16	Y-90(n,2n)Y-89g	TALYS-6a	0		51
Y-88(n,2n2p)Rb-85	TALYS-6a	0	[8]	20	Y-90(n,2n)Y-89m	TALYS-6a	0		46
Y-88(n,ph)Kr-85g	TALYS-6a	0		24	Y-90(n,3n)Y-88	TALYS-6a	0		28
Y-88(n,ph)Kr-85m	TALYS-6a	0		23	Y-90(n,n'a)Rb-86g	TALYS-6a	0		44
Y-88(n,ha)Br-82g	TALYS-6a	0		21	Y-90(n,n'a)Rb-86m	TALYS-6a	0		43
Y-88(n,ha)Br-82m	TALYS-6a	0		20	Y-90(n,2na)Rb-85	TALYS-6a	0	[8]	29
Y-88(n,4n2p)Rb-83	TALYS-6a	0	[8]	8	Y-90(n,3na)Rb-84g	TALYS-6a	0		18
Y-88(n,4npa)Kr-80	TALYS-6a	0	[8]	9	Y-90(n,3na)Rb-84m	TALYS-6a	0		18
Y-88(n,3p)Kr-86	TALYS-6a	0	[8]	27	Y-90(n,n'p)Sr-89	TALYS-6a	0	[8]	45
Y-88(n,n'3p)Kr-85g	TALYS-6a	0		17	Y-90(n,n'2a)Br-82g	TALYS-6a	0		24
Y-88(n,n'3p)Kr-85m	TALYS-6a	0		16	Y-90(n,n'2a)Br-82m	TALYS-6a	0		23
Y-89(n,n')Y-89m	LANL(HERMAN)	6	[13]	43	Y-90(n,2n2a)Br-81	TALYS-6a	0	[8]	16
Y-89(n,2nd)Sr-86	TALYS-6a	0	[8]	21	Y-90(n,n'd)Sr-88	TALYS-6a	0	[8]	36
Y-89(n,2n)Y-88	JENDL-3.2/A	6	[13]	39	Y-90(n,n't)Sr-87g	TALYS-6a	0		29
Y-89(n,3n)Y-87g	TALYS-6a	0		25	Y-90(n,n't)Sr-87m	TALYS-6a	0		28
Y-89(n,3n)Y-87m	TALYS-5	4		25	Y-90(n,n'h)Rb-87	TALYS-6a	0	[8]	27
Y-89(n,n'a)Rb-85	TALYS-6a	0	[8]	41	Y-90(n,4n)Y-87g	TALYS-6a	0		18
Y-89(n,2na)Rb-84g	TALYS-6a	0		25	Y-90(n,4n)Y-87m	TALYS-6a	0		18
Y-89(n,2na)Rb-84m	TALYS-6a	0		25	Y-90(n,2np)Sr-88	TALYS-6a	0	[8]	32
Y-89(n,3na)Rb-83	TALYS-6a	0	[8]	16	Y-90(n,3np)Sr-87g	TALYS-6a	0		21
Y-89(n,n'p)Sr-88	TALYS-6a	0	[8]	48	Y-90(n,3np)Sr-87m	TALYS-6a	0		21
Y-89(n,n'2a)Br-81	TALYS-6a	0	[8]	24	Y-90(n,n'2p)Rb-88	TALYS-6a	0	[8]	25
Y-89(n,2n2a)Br-80g	TALYS-6a	0		14	Y-90(n,n'pa)Kr-85g	TALYS-6a	0		27
Y-89(n,2n2a)Br-80m	TALYS-6a	0		14	Y-90(n,n'pa)Kr-85m	TALYS-6a	0		26
Y-89(n,n'd)Sr-87g	TALYS-6a	0		29	Y-90(n,g)Y-91g	JEF-2.2	0	[13,4,6,4]	414
Y-89(n,n'd)Sr-87m	TALYS-6a	0		29	Y-90(n,g)Y-91m	JEF-2.2	0	[7,13,4,6,4]	414
Y-89(n,n't)Sr-86	TALYS-6a	0	[8]	27	Y-90(n,p)Sr-90	TALYS-6a	0	[2]	100
Y-89(n,n'h)Rb-86g	TALYS-6a	0		24	Y-90(n,d)Sr-89	TALYS-6a	0	[8]	55
Y-89(n,n'h)Rb-86m	TALYS-6a	0		23	Y-90(n,t)Sr-88	TALYS-6a	0	[8]	53
Y-89(n,4n)Y-86g	TALYS-6a	0		15	Y-90(n,h)Rb-88	TALYS-6a	0	[8]	34
Y-89(n,4n)Y-86m	TALYS-6a	0		15	Y-90(n,a)Rb-87	TALYS-6a	0	[2]	100
Y-89(n,2np)Sr-87g	TALYS-6a	0		28	Y-90(n,2a)Br-83	TALYS-6a	0	[8]	36
Y-89(n,2np)Sr-87m	TALYS-6a	0		27	Y-90(n,2p)Rb-89	TALYS-6a	0	[8]	34
Y-89(n,3np)Sr-86	TALYS-6a	0	[8]	19	Y-90(n,pa)Kr-86	TALYS-6a	0	[8]	43
Y-89(n,n'2p)Rb-87	TALYS-6a	0	[8]	27	Y-90(n,pd)Rb-88	TALYS-6a	0	[8]	27
Y-89(n,n'pa)Kr-84	TALYS-6a	0	[8]	27	Y-90(n,pt)Rb-87	TALYS-6a	0	[8]	28
Y-89(n,g)Y-90g	LANL-2000	4	[13,10]	1741	Y-90(n,da)Kr-85g	TALYS-6a	0		28
Y-89(n,g)Y-90m	LANL-2000	6	[13,3,10]	1727	Y-90(n,da)Kr-85m	TALYS-6a	0		27
Y-89(n,p)Sr-89	ADL-3	4	[13,3,3]	41	Y-90(n,5n)Y-86g	TALYS-6a	0		12
Y-89(n,d)Sr-88	JEF-2.2	2	[13]	34	Y-90(n,5n)Y-86m	TALYS-6a	0		11
Y-89(n,t)Sr-87g	TALYS-6a	0		40	Y-90(n,6n)Y-85g	TALYS-6a	0		7
Y-89(n,t)Sr-87m	ADL-3	2	[13,8]	40	Y-90(n,6n)Y-85m	TALYS-6a	0		7
Y-89(n,h)Rb-87	TALYS-6a	0	[8]	36	Y-90(n,2nt)Sr-86	TALYS-6a	0	[8]	20
Y-89(n,a)Rb-86g	TALYS-5	4	[3]	100	Y-90(n,ta)Kr-84	TALYS-6a	0	[8]	27
Y-89(n,a)Rb-86m	TALYS-5	6	[3]	100	Y-90(n,4np)Sr-86	TALYS-6a	0	[8]	14
Y-89(n,2a)Br-82g	TALYS-6a	0		31	Y-90(n,3nd)Sr-86	TALYS-6a	0	[8]	15
Y-89(n,2a)Br-82m	TALYS-6a	0		31	Y-90(n,n'da)Kr-84	TALYS-6a	0	[8]	21
Y-89(n,2p)Rb-88	ADL-3	1	[13]	36	Y-90(n,2npa)Kr-84	TALYS-6a	0	[8]	19
Y-89(n,pa)Kr-85g	TALYS-6a	0		37	Y-90(n,5np)Sr-85g	TALYS-6a	0		9
Y-89(n,pa)Kr-85m	TALYS-6a	0		35	Y-90(n,5np)Sr-85m	TALYS-6a	0		9
Y-89(n,pd)Rb-87	TALYS-6a	0	[8]	29	Y-90(n,4na)Rb-83	TALYS-6a	0	[8]	13
Y-89(n,pt)Rb-86g	TALYS-6a	0		24	Y-90(n,5na)Rb-82g	TALYS-6a	0		7
Y-89(n,pt)Rb-86m	TALYS-6a	0		24	Y-90(n,5na)Rb-82m	TALYS-6a	0		7
Y-89(n,da)Kr-84	TALYS-6a	0	[8]	28	Y-90(n,4nd)Sr-85g	TALYS-6a	0		10
Y-89(n,5n)Y-85g	TALYS-6a	0		10	Y-90(n,4nd)Sr-85m	TALYS-6a	0		9
Y-89(n,5n)Y-85m	TALYS-6a	0		10	Y-90(n,5nd)Sr-84	TALYS-6a	0	[8]	5
Y-89(n,6n)Y-84g	TALYS-6a	0	[4,7,8]	4	Y-90(n,3nt)Sr-85g	TALYS-6a	0		12
Y-89(n,6n)Y-84m	TALYS-6a	0	[4,7,8]	3	Y-90(n,3nt)Sr-85m	TALYS-6a	0		12
Y-89(n,2nt)Sr-85g	TALYS-6a	0		16	Y-90(n,4nt)Sr-84	TALYS-6a	0	[8]	8
Y-89(n,2nt)Sr-85m	TALYS-6a	0		16	Y-90(n,2nh)Rb-86g	TALYS-6a	0		17
Y-89(n,ta)Kr-83g	TALYS-6a	0		24	Y-90(n,2nh)Rb-86m	TALYS-6a	0		16
Y-89(n,ta)Kr-83m	TALYS-6a	0		23	Y-90(n,3nh)Rb-85	TALYS-6a	0	[8]	12
Y-89(n,4np)Sr-85g	TALYS-6a	0		12	Y-90(n,4nh)Rb-84g	TALYS-6a	0		7
Y-89(n,4np)Sr-85m	TALYS-6a	0		12	Y-90(n,4nh)Rb-84m	TALYS-6a	0		7
Y-89(n,3nd)Sr-85g	TALYS-6a	0		13	Y-90(n,3n2p)Rb-86g	TALYS-6a	0		13
Y-89(n,3nd)Sr-85m	TALYS-6a	0		13	Y-90(n,3n2p)Rb-86m	TALYS-6a	0		13
Y-89(n,n'da)Kr-83g	TALYS-6a	0		17	Y-90(n,3n2a)Br-80g	TALYS-6a	0		10
Y-89(n,n'da)Kr-83m	TALYS-6a	0		17	Y-90(n,3n2a)Br-80m	TALYS-6a	0		11
Y-89(n,2npa)Kr-83g	TALYS-6a	0		16	Y-90(n,3npa)Kr-83g	TALYS-6a	0		13
Y-89(n,2npa)Kr-83m	TALYS-6a	0		16	Y-90(n,3npa)Kr-83m	TALYS-6a	0		12
Y-89(n,5np)Sr-84	TALYS-6a	0		8	Y-90(n,dt)Rb-86g	TALYS-6a	0		18
Y-89(n,4na)Rb-82g	TALYS-6a	0		11	Y-90(n,dt)Rb-86m	TALYS-6a	0		18
Y-89(n,4na)Rb-82m	TALYS-6a	0		11	Y-90(n,n'pd)Rb-87	TALYS-6a	0	[8]	21
Y-89(n,5na)Rb-81g	TALYS-6a	0		6	Y-90(n,n'pt)Rb-86g	TALYS-6a	0		17
Y-89(n,5na)Rb-81m	TALYS-6a	0		6	Y-90(n,n'pt)Rb-86m	TALYS-6a	0		17
Y-89(n,4nd)Sr-84	TALYS-6a	0		9	Y-90(n,n'dt)Rb-85	TALYS-6a	0	[8]	13
Y-89(n,3nt)Sr-84	TALYS-6a	0		12	Y-90(n,n'ph)Kr-86	TALYS-6a	0	[8]	16
Y-89(n,4nt)Sr-83g	TALYS-6a	0		6	Y-90(n,n'dh)Kr-85g	TALYS-6a	0		12
Y-89(n,4nt)Sr-83m	TALYS-6a	0		5	Y-90(n,n'dh)Kr-85m	TALYS-6a	0		11
Y-89(n,2nh)Rb-85	TALYS-6a	0	[8]	16	Y-90(n,n'ta)Kr-83g	TALYS-6a	0		16
Y-89(n,3nh)Rb-84g	TALYS-6a	0		11	Y-90(n,n'ta)Kr-83m	TALYS-6a	0		16
Y-89(n,3nh)Rb-84m	TALYS-6a	0		10	Y-90(n,2n2p)Rb-87	TALYS-6a	0	[8]	20
Y-89(n,4nh)Rb-83	TALYS-6a	0	[8]	6	Y-90(n,4n2p)Rb-85	TALYS-6a	0	[8]	9
Y-89(n,3n2p)Rb-85	TALYS-6a	0	[8]	12	Y-90(n,4npa)Kr-82	TALYS-6a	0	[8]	9
Y-89(n,3n2a)Br-79g	TALYS-6a	0		11	Y-91(n,n')Y-91m	TALYS-6a	0		85
Y-89(n,3n2a)Br-79m	TALYS-6a	0		11	Y-91(n,2nd)Sr-88	TALYS-6a	0	[8]	26
Y-89(n,3npa)Kr-82	TALYS-6a	0	[8]	12	Y-91(n,2n)Y-90g	TALYS-6a	0		45
Y-89(n,dt)Rb-85	TALYS-6a	0	[8]	17	Y-91(n,2n)Y-90m	TALYS-6a	0		44
Y-89(n,n'pd)Rb-86g	TALYS-6a	0		18	Y-91(n,3n)Y-89g	TALYS-6a	0		32
Y-89(n,n'pd)Rb-86m	TALYS-6a	0		18	Y-91(n,3n)Y-89m	TALYS-6a	0		31
Y-89(n,n'pt)Rb-85	TALYS-6a	0	[8]	16	Y-91(n,n'a)Rb-87	TALYS-6a	0	[8]	53
Y-89(n,n'dt)Rb-84g	TALYS-6a	0		11	Y-91(n,2na)Rb-86g	TALYS-6a	0		30
Y-89(n,n'dt)Rb-84m	TALYS-6a	0		11	Y-91(n,2na)Rb-86m	TALYS-6a	0		29
Y-89(n,n'ph)Kr-85g	TALYS-6a	0		14	Y-91(n,3na)Rb-85	TALYS-6a	0	[8]	21
Y-89(n,n'ph)Kr-85m	TALYS-6a	0		14	Y-91(n,n'p)Sr-90	TALYS-6a	0	[8]	45
Y-89(n,n'dh)Kr-84	TALYS-6a	0	[8]	11	Y-91(n,n'2a)Br-83	TALYS-6a	0	[8]	25
Y-89(n,n'ta)Kr-82	TALYS-6a	0	[8]	16	Y-91(n,2n2a)Br-82g	TALYS-6a	0		16
Y-89(n,2n2p)Rb-86g	TALYS-6a	0		16	Y-91(n,2n2a)Br-82m	TALYS-6a	0		16
Y-89(n,2n2p)Rb-86m	TALYS-6a	0		16	Y-91(n,n'd)Sr-89	TALYS-6a	0	[8]	33
Y-89(n,ph)Kr-86	TALYS-6a	0	[8]	23	Y-91(n,n't)Sr-88	TALYS-6a	0	[8]	32
Y-89(n,ha)Br-83	TALYS-6a	0	[8]	19	Y-91(n,n'h)Rb-88	TALYS-6a	0	[8]	25

Reaction	Library	Flag	Value
Y-91(n,4n)Y-88	TALYS-6a	0	20
Y-91(n,2np)Sr-89	TALYS-6a	0 [8]	30
Y-91(n,3np)Sr-88	TALYS-6a	0	24
Y-91(n,n'2p)Rb-89	TALYS-6a	0 [8]	24
Y-91(n,n'pa)Kr-86	TALYS-6a	0 [8]	29
Y-91(n,g)Y-92	JEF-2.2	2 [14,13]	432
Y-91(n,p)Sr-91	TALYS-6a	0 [2,8]	74
Y-91(n,d)Sr-90	TALYS-6a	0 [8]	54
Y-91(n,t)Sr-89	TALYS-6a	0 [8]	45
Y-91(n,h)Rb-89	TALYS-6a	0 [8]	33
Y-91(n,a)Rb-88	TALYS-6a	0 [2]	100
Y-91(n,2a)Br-84g	TALYS-6a	0	33
Y-91(n,2a)Br-84m	TALYS-6a	0	32
Y-91(n,2p)Rb-90g	TALYS-6a	0	30
Y-91(n,2p)Rb-90m	TALYS-6a	0	30
Y-91(n,pa)Kr-87	TALYS-6a	0 [8]	37
Y-91(n,pd)Rb-89	TALYS-6a	0 [8]	26
Y-91(n,pt)Rb-88	TALYS-6a	0 [8]	25
Y-91(n,da)Kr-86	TALYS-6a	0 [8]	30
Y-91(n,5n)Y-87g	TALYS-6a	0	13
Y-91(n,5n)Y-87m	TALYS-6a	0	13
Y-91(n,6n)Y-86g	TALYS-6a	0	8
Y-91(n,6n)Y-86m	TALYS-6a	0	7
Y-91(n,2nt)Sr-87g	TALYS-6a	0	21
Y-91(n,2nt)Sr-87m	TALYS-6a	0	20
Y-91(n,ta)Kr-85g	TALYS-6a	0	26
Y-91(n,ta)Kr-85m	TALYS-6a	0	25
Y-91(n,4np)Sr-87g	TALYS-6a	0	15
Y-91(n,4np)Sr-87m	TALYS-6a	0	15
Y-91(n,3nd)Sr-87g	TALYS-6a	0	16
Y-91(n,3nd)Sr-87m	TALYS-6a	0	15
Y-91(n,n'da)Kr-85g	TALYS-6a	0	20
Y-91(n,n'da)Kr-85m	TALYS-6a	0	19
Y-91(n,2npa)Kr-85g	TALYS-6a	0	18
Y-91(n,2npa)Kr-85m	TALYS-6a	0	18
Y-91(n,7n)Y-85g	TALYS-6a	0	3
Y-91(n,7n)Y-85m	TALYS-6a	0	3
Y-91(n,5np)Sr-86	TALYS-6a	0	11
Y-91(n,6np)Sr-85g	TALYS-6a	0	5
Y-91(n,6np)Sr-85m	TALYS-6a	0	5
Y-91(n,4na)Rb-84g	TALYS-6a	0	13
Y-91(n,4na)Rb-84m	TALYS-6a	0	13
Y-91(n,5na)Rb-83	TALYS-6a	0 [8]	9
Y-91(n,4nd)Sr-86	TALYS-6a	0 [8]	11
Y-91(n,5nd)Sr-85g	TALYS-6a	0	6
Y-91(n,5nd)Sr-85m	TALYS-6a	0	6
Y-91(n,3nt)Sr-86	TALYS-6a	0 [8]	14
Y-91(n,4nt)Sr-85g	TALYS-6a	0	9
Y-91(n,4nt)Sr-85m	TALYS-6a	0	8
Y-91(n,2nh)Rb-87	TALYS-6a	0 [8]	19
Y-91(n,3nh)Rb-86g	TALYS-6a	0	13
Y-91(n,3nh)Rb-86m	TALYS-6a	0	13
Y-91(n,4nh)Rb-85	TALYS-6a	0 [8]	9
Y-91(n,3n2p)Rb-87	TALYS-6a	0 [8]	14
Y-91(n,3n2a)Br-81	TALYS-6a	0 [8]	12
Y-91(n,3npa)Kr-84	TALYS-6a	0 [8]	14
Y-91(n,dt)Rb-87	TALYS-6a	0 [8]	20
Y-91(n,n'pd)Rb-88	TALYS-6a	0 [8]	19
Y-91(n,n'pt)Rb-87	TALYS-6a	0 [8]	19
Y-91(n,n'dt)Rb-86g	TALYS-6a	0	13
Y-91(n,n'dt)Rb-86m	TALYS-6a	0	13
Y-91(n,n'ph)Kr-87	TALYS-6a	0 [8]	19
Y-91(n,n'ta)Kr-84	TALYS-6a	0 [8]	19
Y-91(n,2n2p)Rb-88	TALYS-6a	0 [8]	17
Y-91(n,4n2p)Rb-86g	TALYS-6a	0	9
Y-91(n,4n2p)Rb-86m	TALYS-6a	0	9
Y-91(n,4npa)Kr-83g	TALYS-6a	0	8
Y-91(n,4npa)Kr-83m	TALYS-6a	0	8
Y-93(n,2nd)Sr-90	TALYS-6a	0 [8,7,8]	26
Y-93(n,2n)Y-92	TALYS-6a	0	48
Y-93(n,3n)Y-91g	TALYS-6a	0	33
Y-93(n,3n)Y-91m	TALYS-6a	0	32
Y-93(n,n'a)Rb-89	TALYS-6a	0 [8,7,8]	49
Y-93(n,2na)Rb-88	TALYS-6a	0 [8,7,8]	32
Y-93(n,3na)Rb-87	TALYS-6a	0 [8,7,8]	26
Y-93(n,n'p)Sr-92	TALYS-6a	0 [8,7,8]	43
Y-93(n,n'2a)Br-85	TALYS-6a	0 [8,7,8]	27
Y-93(n,2n2a)Br-84g	TALYS-6a	0	17
Y-93(n,2n2a)Br-84m	TALYS-6a	0	17
Y-93(n,n'd)Sr-91	TALYS-6a	0 [8,7,8]	32
Y-93(n,n't)Sr-90	TALYS-6a	0 [8,7,8]	33
Y-93(n,n'h)Rb-90g	TALYS-6a	0	24
Y-93(n,n'h)Rb-90m	TALYS-6a	0	23
Y-93(n,4n)Y-90g	TALYS-6a	0	24
Y-93(n,4n)Y-90m	TALYS-6a	0	24
Y-93(n,2np)Sr-91	TALYS-6a	0	30
Y-93(n,3np)Sr-90	TALYS-6a	0 [8,7,8]	24
Y-93(n,n'2p)Rb-91	TALYS-6a	0 [8,7,8]	22
Y-93(n,n'pa)Kr-88	TALYS-6a	0 [8,7,8]	26
Y-93(n,g)Y-94	TALYS-6a	0 [14]	100
Y-93(n,p)Sr-93	TALYS-6a	0 [2,8,7,8]	67
Y-93(n,d)Sr-92	TALYS-6a	0 [8,7,8]	50
Y-93(n,t)Sr-91	TALYS-6a	0 [8,7,8]	45
Y-93(n,h)Rb-91	TALYS-6a	0 [8,7,8]	30
Y-93(n,a)Rb-90g	TALYS-6a	0 [2]	100
Y-93(n,a)Rb-90m	TALYS-6a	0 [2]	100
Y-93(n,2p)Rb-92	TALYS-6a	0 [8,7,8]	27
Y-93(n,pd)Rb-91	TALYS-6a	0 [8,7,8]	24
Y-93(n,pt)Rb-90g	TALYS-6a	0	24
Y-93(n,pt)Rb-90m	TALYS-6a	0	24
Y-93(n,5n)Y-89g	TALYS-6a	0	17
Y-93(n,5n)Y-89m	TALYS-6a	0	16
Y-93(n,6n)Y-88	TALYS-6a	0	11
Y-93(n,2nt)Sr-89	TALYS-6a	0 [8,7,8]	24
Y-93(n,4np)Sr-89	TALYS-6a	0 [8,7,8]	16
Y-93(n,3nd)Sr-89	TALYS-6a	0 [8,7,8]	18
Y-93(n,n'da)Kr-87	TALYS-6a	0 [8,7,8]	21
Y-93(n,2npa)Kr-87	TALYS-6a	0 [8,7,8]	19
Y-93(n,7n)Y-87g	TALYS-6a	0	6

Reaction	Library	Flag	Value
Y-93(n,7n)Y-87m	TALYS-6a	0	6
Y-93(n,5np)Sr-88	TALYS-6a	0	13
Y-93(n,6np)Sr-87g	TALYS-6a	0	8
Y-93(n,6np)Sr-87m	TALYS-6a	0	8
Y-93(n,4na)Rb-86g	TALYS-6a	0	16
Y-93(n,4na)Rb-86m	TALYS-6a	0	15
Y-93(n,5na)Rb-85	TALYS-6a	0 [8,7,8]	11
Y-93(n,4nd)Sr-88	TALYS-6a	0	14
Y-93(n,5nd)Sr-87g	TALYS-6a	0	9
Y-93(n,5nd)Sr-87m	TALYS-6a	0	8
Y-93(n,3nt)Sr-88	TALYS-6a	0 [8,7,8]	17
Y-93(n,4nt)Sr-87g	TALYS-6a	0	11
Y-93(n,4nt)Sr-87m	TALYS-6a	0	11
Y-93(n,5nt)Sr-86	TALYS-6a	0 [8,7,8]	7
Y-93(n,2nh)Rb-89	TALYS-6a	0 [8,7,8]	18
Y-93(n,3nh)Rb-88	TALYS-6a	0 [8,7,8]	14
Y-93(n,4nh)Rb-87	TALYS-6a	0 [8,7,8]	11
Y-93(n,3n2p)Rb-89	TALYS-6a	0 [8,7,8]	13
Y-93(n,3n2a)Br-83	TALYS-6a	0 [8,7,8]	13
Y-93(n,3npa)Kr-86	TALYS-6a	0 [8,7,8]	15
Y-93(n,n'pd)Rb-90g	TALYS-6a	0	18
Y-93(n,n'pd)Rb-90m	TALYS-6a	0	18
Y-93(n,n'pt)Rb-89	TALYS-6a	0 [8,7,8]	18
Y-93(n,n'dt)Rb-88	TALYS-6a	0 [8,7,8]	14
Y-93(n,n'ta)Kr-86	TALYS-6a	0 [8,7,8]	22
Y-93(n,2n2p)Rb-90g	TALYS-6a	0	16
Y-93(n,2n2p)Rb-90m	TALYS-6a	0	16
Y-93(n,4n2p)Rb-88	TALYS-6a	0 [8,7,8]	10
Y-93(n,4npa)Kr-85g	TALYS-6a	0	10
Y-93(n,4npa)Kr-85m	TALYS-6a	0	10
Zr-86(n,2nd)Y-83g	TALYS-6a	0	19
Zr-86(n,2nd)Y-83m	TALYS-6a	0	19
Zr-86(n,2n)Zr-85g	TALYS-6a	0 [2,4]	36
Zr-86(n,2n)Zr-85m	TALYS-6a	0 [2,4]	35
Zr-86(n,3n)Zr-84	TALYS-6a	0	24
Zr-86(n,n'a)Sr-82	TALYS-6a	0 [8]	53
Zr-86(n,n'3a)Se-74	TALYS-6a	0 [8]	18
Zr-86(n,2na)Sr-81	TALYS-6a	0 [8]	27
Zr-86(n,3na)Sr-80	TALYS-6a	0 [8]	17
Zr-86(n,n'p)Y-85g	TALYS-6a	0	47
Zr-86(n,n'p)Y-85m	TALYS-6a	0	47
Zr-86(n,n'2a)Kr-78	TALYS-6a	0 [8]	30
Zr-86(n,2n2a)Kr-77	TALYS-6a	0 [8]	18
Zr-86(n,n'd)Y-84g	TALYS-6a	0 [4,8,7,8]	29
Zr-86(n,n'd)Y-84m	TALYS-6a	0 [4,7,8,8]	27
Zr-86(n,n't)Y-83g	TALYS-6a	0	25
Zr-86(n,n't)Y-83m	TALYS-6a	0	25
Zr-86(n,n'h)Sr-83g	TALYS-6a	0	28
Zr-86(n,n'h)Sr-83m	TALYS-6a	0	27
Zr-86(n,n'd2a)Br-76g	TALYS-6a	0	12
Zr-86(n,n'd2a)Br-76m	TALYS-6a	0	12
Zr-86(n,n't2a)Br-75	TALYS-6a	0 [8]	10
Zr-86(n,4n)Zr-83	TALYS-6a	0	14
Zr-86(n,2np)Y-84g	TALYS-6a	0 [4,7,8]	27
Zr-86(n,2np)Y-84m	TALYS-6a	0 [4,7,8]	26
Zr-86(n,3np)Y-83g	TALYS-6a	0	17
Zr-86(n,3np)Y-83m	TALYS-6a	0	17
Zr-86(n,n'2p)Sr-84	TALYS-6a	0 [8]	35
Zr-86(n,n'pa)Rb-81g	TALYS-6a	0	30
Zr-86(n,n'pa)Rb-81m	TALYS-6a	0	30
>Zr-86(n,g)Zr-87g	TALYS-6a	0 [14]	100
>Zr-86(n,g)Zr-87m	TALYS-6a	0 [14]	100
Zr-86(n,p)Y-86g	TALYS-6a	0 [2]	100
Zr-86(n,p)Y-86m	TALYS-6a	0 [2]	100
Zr-86(n,d)Y-85g	TALYS-6a	0	57
Zr-86(n,d)Y-85m	TALYS-6a	0	57
Zr-86(n,t)Y-84g	TALYS-6a	0 [4,8,7,8]	38
Zr-86(n,t)Y-84m	TALYS-6a	0 [4,7,8,8]	37
Zr-86(n,h)Sr-84	TALYS-6a	0 [8]	54
Zr-86(n,a)Sr-83g	TALYS-6a	0 [2]	100
Zr-86(n,a)Sr-83m	TALYS-6a	0 [2]	100
Zr-86(n,2a)Kr-79g	TALYS-6a	0	49
Zr-86(n,2a)Kr-79m	TALYS-6a	0	49
Zr-86(n,3a)Se-75	TALYS-6a	0 [8]	26
Zr-86(n,2p)Sr-85g	TALYS-6a	0	62
Zr-86(n,2p)Sr-85m	TALYS-6a	0	61
Zr-86(n,pa)Rb-82g	TALYS-6a	0	49
Zr-86(n,pa)Rb-82m	TALYS-6a	0	49
Zr-86(n,t2a)Br-76g	TALYS-6a	0	15
Zr-86(n,t2a)Br-76m	TALYS-6a	0	15
Zr-86(n,d2a)Br-77g	TALYS-6a	0	19
Zr-86(n,d2a)Br-77m	TALYS-6a	0	20
Zr-86(n,pd)Sr-84	TALYS-6a	0 [8]	38
Zr-86(n,pt)Sr-83g	TALYS-6a	0	29
Zr-86(n,pt)Sr-83m	TALYS-6a	0	28
Zr-86(n,da)Rb-81g	TALYS-6a	0	31
Zr-86(n,da)Rb-81m	TALYS-6a	0	31
Zr-86(n,5n)Zr-82	TALYS-6a	0	8
Zr-86(n,2nt)Y-82	TALYS-6a	0 [8]	14
Zr-86(n,ta)Rb-80	TALYS-6a	0 [8]	25
Zr-86(n,4np)Y-82	TALYS-6a	0	11
Zr-86(n,3nd)Y-82	TALYS-6a	0 [8]	11
Zr-86(n,n'da)Rb-80	TALYS-6a	0 [8]	19
Zr-86(n,2npa)Rb-80	TALYS-6a	0 [8]	18
Zr-86(n,5np)Y-81	TALYS-6a	0 [8]	5
Zr-86(n,4na)Sr-79	TALYS-6a	0 [8]	10
Zr-86(n,4nd)Y-81	TALYS-6a	0 [8]	6
Zr-86(n,3nt)Y-81	TALYS-6a	0 [8]	9
Zr-86(n,2nh)Sr-82	TALYS-6a	0 [8]	19
Zr-86(n,3nh)Sr-81	TALYS-6a	0 [8]	11
Zr-86(n,4nh)Sr-80	TALYS-6a	0 [8]	7
Zr-86(n,3n2p)Sr-82	TALYS-6a	0 [8]	14
Zr-86(n,3n2a)Kr-76	TALYS-6a	0 [8]	12
Zr-86(n,3npa)Rb-79	TALYS-6a	0 [8]	12
Zr-86(n,dt)Sr-82	TALYS-6a	0 [8]	20
Zr-86(n,n'pd)Sr-83g	TALYS-6a	0	23
Zr-86(n,n'pd)Sr-83m	TALYS-6a	0	22
Zr-86(n,n'pt)Sr-82	TALYS-6a	0 [8]	19
Zr-86(n,n'dt)Sr-81	TALYS-6a	0 [8]	12

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Zr-86(n,n'ph)Rb-82g    TALYS-6a    0              17     Zr-88(n,n'ta)Rb-81g    TALYS-6a    0                16
Zr-86(n,n'ph)Rb-82m    TALYS-6a    0              18     Zr-88(n,n'ta)Rb-81m    TALYS-6a    0                16
Zr-86(n,n'dh)Rb-81g    TALYS-6a    0              13     Zr-88(n,2n2p)Sr-85g    TALYS-6a    0                19
Zr-86(n,n'dh)Rb-81m    TALYS-6a    0              13     Zr-88(n,2n2p)Sr-85m    TALYS-6a    0                19
Zr-86(n,n'th)Rb-80     TALYS-6a    0 [8]          10     Zr-88(n,ph)Rb-85       TALYS-6a    0 [8]            26
Zr-86(n,n'ta)Rb-79     TALYS-6a    0 [8]          16     Zr-88(n,dh)Rb-84g      TALYS-6a    0                16
Zr-86(n,2n2p)Sr-83g    TALYS-6a    0              21     Zr-88(n,dh)Rb-84m      TALYS-6a    0                16
Zr-86(n,2n2p)Sr-83m    TALYS-6a    0              21     Zr-88(n,ha)Kr-82       TALYS-6a    0 [8]            26
Zr-86(n,ph)Rb-83       TALYS-6a    0 [8]          29     Zr-88(n,4n2p)Sr-83g    TALYS-6a    0                8
Zr-86(n,dh)Rb-82g      TALYS-6a    0              18     Zr-88(n,4n2p)Sr-83m    TALYS-6a    0                7
Zr-86(n,dh)Rb-82m      TALYS-6a    0              18     Zr-88(n,3p)Rb-86g      TALYS-6a    0                27
Zr-86(n,ha)Kr-80       TALYS-6a    0 [8]          29     Zr-88(n,3p)Rb-86m      TALYS-6a    0                27
Zr-86(n,4n2p)Sr-81     TALYS-6a    0 [8]          8      Zr-88(n,n'3p)Rb-85     TALYS-6a    0 [8]            19
Zr-86(n,3p)Rb-84g      TALYS-6a    0              31     Zr-88(n,3n2pa)Kr-80    TALYS-6a    0 [8]            8
Zr-86(n,3p)Rb-84m      TALYS-6a    0              30     Zr-89(n,n')Zr-89m      TALYS-6a    0                85
Zr-86(n,n'3p)Rb-83     TALYS-6a    0 [8]          22     Zr-89(n,2nd)Y-86g      TALYS-6a    0                19
Zr-86(n,3n2pa)Kr-78    TALYS-6a    0 [8]          9      Zr-89(n,2nd)Y-86m      TALYS-6a    0                19
Zr-88(n,2nd)Y-85g      TALYS-6a    0              18     Zr-89(n,2n)Zr-88       TALYS-6a    0                43
Zr-88(n,2nd)Y-85m      TALYS-6a    0              19     Zr-89(n,3n)Zr-87g      TALYS-6a    0                25
Zr-88(n,2n)Zr-87g      TALYS-6a    0              37     Zr-89(n,3n)Zr-87m      TALYS-6a    0                24
Zr-88(n,2n)Zr-87m      TALYS-6a    0              36     Zr-89(n,n'a)Sr-85g     TALYS-6a    0                44
Zr-88(n,3n)Zr-86       TALYS-6a    0              24     Zr-89(n,n'a)Sr-85m     TALYS-6a    0                44
Zr-88(n,n'a)Sr-84      TALYS-6a    0 [8]          47     Zr-89(n,n'3a)Se-77g    TALYS-6a    0                14
Zr-88(n,n'3a)Se-76     TALYS-6a    0 [8]          16     Zr-89(n,n'3a)Se-77m    TALYS-6a    0                14
Zr-88(n,2na)Sr-83g     TALYS-6a    0              27     Zr-89(n,2na)Sr-84      TALYS-6a    0 [8]            29
Zr-88(n,2na)Sr-83m     TALYS-6a    0              26     Zr-89(n,3na)Sr-83g     TALYS-6a    0                17
Zr-88(n,3na)Sr-82      TALYS-6a    0 [8]          17     Zr-89(n,3na)Sr-83m     TALYS-6a    0                17
Zr-88(n,n'p)Y-87g      TALYS-6a    0              45     Zr-89(n,n'p)Y-88       TALYS-6a    0 [8]            45
Zr-88(n,n'p)Y-87m      TALYS-6a    0              44     Zr-89(n,n'2a)Kr-81g    TALYS-6a    0                26
Zr-88(n,n'2a)Kr-80     TALYS-6a    0 [8]          28     Zr-89(n,n'2a)Kr-81m    TALYS-6a    0                26
Zr-88(n,2n2a)Kr-79g    TALYS-6a    0              16     Zr-89(n,2n2a)Kr-80     TALYS-6a    0 [8]            18
Zr-88(n,2n2a)Kr-79m    TALYS-6a    0              16     Zr-89(n,n'd)Y-87g      TALYS-6a    0                31
Zr-88(n,n'd)Y-86g      TALYS-6a    0              28     Zr-89(n,n'd)Y-87m      TALYS-6a    0                30
Zr-88(n,n'd)Y-86m      TALYS-6a    0              28     Zr-89(n,n't)Y-86g      TALYS-6a    0                25
Zr-88(n,n't)Y-85g      TALYS-6a    0              24     Zr-89(n,n't)Y-86m      TALYS-6a    0                25
Zr-88(n,n't)Y-85m      TALYS-6a    0              24     Zr-89(n,n'h)Sr-86      TALYS-6a    0 [8]            28
Zr-88(n,n'h)Sr-85g     TALYS-6a    0              26     Zr-89(n,n'd2a)Br-79g   TALYS-6a    0                11
Zr-88(n,n'h)Sr-85m     TALYS-6a    0              26     Zr-89(n,n'd2a)Br-79m   TALYS-6a    0                11
Zr-88(n,n'd2a)Br-78    TALYS-6a    0 [8]          11     Zr-89(n,4n)Zr-86       TALYS-6a    0                16
Zr-88(n,4n)Zr-85g      TALYS-6a    0              14     Zr-89(n,2np)Y-87g      TALYS-6a    0                29
Zr-88(n,4n)Zr-85m      TALYS-6a    0              14     Zr-89(n,2np)Y-87m      TALYS-6a    0                28
Zr-88(n,2np)Y-86g      TALYS-6a    0              26     Zr-89(n,3np)Y-86g      TALYS-6a    0                17
Zr-88(n,2np)Y-86m      TALYS-6a    0              26     Zr-89(n,3np)Y-86m      TALYS-6a    0                17
Zr-88(n,3np)Y-85g      TALYS-6a    0              17     Zr-89(n,n'2p)Sr-87g    TALYS-6a    0                30
Zr-88(n,3np)Y-85m      TALYS-6a    0              17     Zr-89(n,n'2p)Sr-87m    TALYS-6a    0                30
Zr-88(n,n'2p)Sr-86     TALYS-6a    0 [8]          31     Zr-89(n,n'pa)Rb-84g    TALYS-6a    0                27
Zr-88(n,n'pa)Rb-83     TALYS-6a    0 [8]          28     Zr-89(n,n'pa)Rb-84m    TALYS-6a    0                26
Zr-88(n,g)Zr-89g       MASGAM      0 [14,13,4,6]  83     Zr-89(n,g)Zr-90g       MASGAM      0 [14,13,4,6]    83
Zr-88(n,g)Zr-89m       MASGAM      0 [14,7,13,4,6] 83    Zr-89(n,g)Zr-90m       MASGAM      0 [14,7,13,4,6]  83
Zr-88(n,p)Y-88         TALYS-6a    0 [2]          100    Zr-89(n,p)Y-89g        TALYS-6a    0 [2]            100
Zr-88(n,d)Y-87g        TALYS-6a    0              53     Zr-89(n,p)Y-89m        TALYS-6a    0 [2]            100
Zr-88(n,d)Y-87m        TALYS-6a    0              52     Zr-89(n,d)Y-88         TALYS-6a    0 [8]            53
Zr-88(n,t)Y-86g        TALYS-6a    0              37     Zr-89(n,t)Y-87g        TALYS-6a    0                42
Zr-88(n,t)Y-86m        TALYS-6a    0              36     Zr-89(n,t)Y-87m        TALYS-6a    0                41
Zr-88(n,h)Sr-86        TALYS-6a    0 [8]          44     Zr-89(n,h)Sr-87g       TALYS-6a    0                43
Zr-88(n,a)Sr-85g       TALYS-6a    0 [2]          100    Zr-89(n,h)Sr-87m       TALYS-6a    0                42
Zr-88(n,a)Sr-85m       TALYS-6a    0 [2]          100    Zr-89(n,a)Sr-86        TALYS-6a    0 [2]            100
Zr-88(n,2a)Kr-81g      TALYS-6a    0              41     Zr-89(n,2a)Kr-82       TALYS-6a    0 [8]            44
Zr-88(n,2a)Kr-81m      TALYS-6a    0              40     Zr-89(n,2p)Sr-88       TALYS-6a    0 [8]            60
Zr-88(n,3a)Se-77g      TALYS-6a    0              21     Zr-89(n,pa)Rb-85       TALYS-6a    0 [8]            44
Zr-88(n,3a)Se-77m      TALYS-6a    0              22     Zr-89(n,d2a)Br-80g     TALYS-6a    0                15
Zr-88(n,2p)Sr-87g      TALYS-6a    0              52     Zr-89(n,d2a)Br-80m     TALYS-6a    0                15
Zr-88(n,2p)Sr-87m      TALYS-6a    0              49     Zr-89(n,pd)Sr-87g      TALYS-6a    0                32
Zr-88(n,pa)Rb-84g      TALYS-6a    0              42     Zr-89(n,pd)Sr-87m      TALYS-6a    0                31
Zr-88(n,pa)Rb-84m      TALYS-6a    0              41     Zr-89(n,pt)Sr-86       TALYS-6a    0 [8]            29
Zr-88(n,t2a)Br-78      TALYS-6a    0 [8]          13     Zr-89(n,da)Rb-84g      TALYS-6a    0                28
Zr-88(n,d2a)Br-79g     TALYS-6a    0              16     Zr-89(n,da)Rb-84m      TALYS-6a    0                28
Zr-88(n,d2a)Br-79m     TALYS-6a    0              16     Zr-89(n,5n)Zr-85g      TALYS-6a    0                9
Zr-88(n,pd)Sr-86       TALYS-6a    0 [8]          34     Zr-89(n,5n)Zr-85m      TALYS-6a    0                9
Zr-88(n,pt)Sr-85g      TALYS-6a    0              27     Zr-89(n,6n)Zr-84       TALYS-6a    0                4
Zr-88(n,pt)Sr-85m      TALYS-6a    0              27     Zr-89(n,2nt)Y-85g      TALYS-6a    0                16
Zr-88(n,da)Rb-83       TALYS-6a    0 [8]          29     Zr-89(n,2nt)Y-85m      TALYS-6a    0                16
Zr-88(n,5n)Zr-84       TALYS-6a    0              9      Zr-89(n,ta)Rb-83       TALYS-6a    0 [8]            25
Zr-88(n,2nt)Y-84g      TALYS-6a    0 [4,8,7,8]    14     Zr-89(n,4np)Y-85g      TALYS-6a    0                12
Zr-88(n,2nt)Y-84m      TALYS-6a    0 [4,7,8,8]    13     Zr-89(n,4np)Y-85m      TALYS-6a    0                12
Zr-88(n,ta)Rb-82g      TALYS-6a    0              24     Zr-89(n,3nd)Y-85g      TALYS-6a    0                13
Zr-88(n,ta)Rb-82m      TALYS-6a    0              24     Zr-89(n,3nd)Y-85m      TALYS-6a    0                13
Zr-88(n,4np)Y-84g      TALYS-6a    0 [4,7,8]      11     Zr-89(n,n'da)Rb-83     TALYS-6a    0 [8]            19
Zr-88(n,4np)Y-84m      TALYS-6a    0 [4,7,8]      10     Zr-89(n,2npa)Rb-83     TALYS-6a    0 [8]            18
Zr-88(n,3nd)Y-84g      TALYS-6a    0 [4,7,8]      12     Zr-89(n,5np)Y-84g      TALYS-6a    0 [4,7,8]        6
Zr-88(n,3nd)Y-84m      TALYS-6a    0 [4,7,8]      11     Zr-89(n,5np)Y-84m      TALYS-6a    0 [4,7,8]        5
Zr-88(n,n'da)Rb-82g    TALYS-6a    0              18     Zr-89(n,4na)Sr-82      TALYS-6a    0 [8]            12
Zr-88(n,n'da)Rb-82m    TALYS-6a    0              18     Zr-89(n,5na)Sr-81      TALYS-6a    0 [8]            6
Zr-88(n,2npa)Rb-82g    TALYS-6a    0              16     Zr-89(n,4nd)Y-84g      TALYS-6a    0 [4,7,8]        7
Zr-88(n,2npa)Rb-82m    TALYS-6a    0              16     Zr-89(n,4nd)Y-84m      TALYS-6a    0 [4,7,8]        6
Zr-88(n,5np)Y-83g      TALYS-6a    0              6      Zr-89(n,3nt)Y-84g      TALYS-6a    0 [4,8,7,8]      9
Zr-88(n,5np)Y-83m      TALYS-6a    0              6      Zr-89(n,3nt)Y-84m      TALYS-6a    0 [4,7,8,8]      8
Zr-88(n,4na)Sr-81      TALYS-6a    0 [8]          10     Zr-89(n,4nt)Y-83g      TALYS-6a    0                5
Zr-88(n,4nd)Y-83g      TALYS-6a    0              6      Zr-89(n,4nt)Y-83m      TALYS-6a    0                5
Zr-88(n,4nd)Y-83m      TALYS-6a    0              6      Zr-89(n,2nh)Sr-85g     TALYS-6a    0                17
Zr-88(n,3nt)Y-83g      TALYS-6a    0              9      Zr-89(n,2nh)Sr-85m     TALYS-6a    0                17
Zr-88(n,3nt)Y-83m      TALYS-6a    0              9      Zr-89(n,3nh)Sr-84      TALYS-6a    0 [8]            12
Zr-88(n,2nh)Sr-84      TALYS-6a    0 [8]          18     Zr-89(n,4nh)Sr-83g     TALYS-6a    0                7
Zr-88(n,3nh)Sr-83g     TALYS-6a    0              11     Zr-89(n,4nh)Sr-83m     TALYS-6a    0                6
Zr-88(n,3nh)Sr-83m     TALYS-6a    0              11     Zr-89(n,3n2p)Sr-85g    TALYS-6a    0                13
Zr-88(n,4nh)Sr-82      TALYS-6a    0 [8]          7      Zr-89(n,3n2p)Sr-85m    TALYS-6a    0                13
Zr-88(n,3n2p)Sr-84     TALYS-6a    0 [8]          13     Zr-89(n,3n2a)Kr-79g    TALYS-6a    0                11
Zr-88(n,3n2a)Kr-78     TALYS-6a    0 [8]          12     Zr-89(n,3n2a)Kr-79m    TALYS-6a    0                11
Zr-88(n,3npa)Rb-81g    TALYS-6a    0              12     Zr-89(n,3npa)Rb-82g    TALYS-6a    0                11
Zr-88(n,3npa)Rb-81m    TALYS-6a    0              12     Zr-89(n,3npa)Rb-82m    TALYS-6a    0                12
Zr-88(n,dt)Sr-84       TALYS-6a    0 [8]          19     Zr-89(n,dt)Sr-85g      TALYS-6a    0                18
Zr-88(n,n'pd)Sr-85g    TALYS-6a    0              21     Zr-89(n,dt)Sr-85m      TALYS-6a    0                18
Zr-88(n,n'pd)Sr-85m    TALYS-6a    0              21     Zr-89(n,n'pd)Sr-86     TALYS-6a    0 [8]            23
Zr-88(n,n'pt)Sr-84     TALYS-6a    0 [8]          18     Zr-89(n,n'pt)Sr-85m    TALYS-6a    0                17
Zr-88(n,n'dt)Sr-83g    TALYS-6a    0              12     Zr-89(n,n'dt)Sr-84     TALYS-6a    0 [8]            13
Zr-88(n,n'dt)Sr-83m    TALYS-6a    0              12     Zr-89(n,n'ph)Rb-85     TALYS-6a    0 [8]            16
Zr-88(n,n'ph)Rb-84g    TALYS-6a    0              16     Zr-89(n,n'dh)Rb-84g    TALYS-6a    0                11
Zr-88(n,n'ph)Rb-84m    TALYS-6a    0              16     Zr-89(n,n'dh)Rb-84m    TALYS-6a    0                11
Zr-88(n,n'dh)Rb-83     TALYS-6a    0 [8]          12
```

Reaction	Library	flag	refs	value
Zr-89(n,n'th)Rb-83	TALYS-6a	0 [8]		10
Zr-89(n,n'ta)Rb-82g	TALYS-6a	0		15
Zr-89(n,n'ta)Rb-82m	TALYS-6a	0		15
Zr-89(n,2n2p)Sr-86	TALYS-6a	0 [8]		21
Zr-89(n,ph)Rb-86g	TALYS-6a	0		25
Zr-89(n,ph)Rb-86m	TALYS-6a	0		24
Zr-89(n,dh)Rb-85	TALYS-6a	0 [8]		17
Zr-89(n,ha)Kr-83g	TALYS-6a	0		23
Zr-89(n,ha)Kr-83m	TALYS-6a	0		22
Zr-89(n,4n2p)Sr-84	TALYS-6a	0 [8]		9
Zr-89(n,4npa)Rb-81g	TALYS-6a	0		7
Zr-89(n,4npa)Rb-81m	TALYS-6a	0		7
Zr-89(n,3p)Rb-87	TALYS-6a	0 [8]		28
Zr-89(n,n'3p)Rb-86g	TALYS-6a	0		17
Zr-89(n,n'3p)Rb-86m	TALYS-6a	0		17
Zr-90(n,n')Zr-90m	ADL-3	4 [13]		44
Zr-90(n,2nd)Y-87g	TALYS-6a	0		18
Zr-90(n,2nd)Y-87m	TALYS-6a	0		18
Zr-90(n,2n)Zr-89g	ADL-3	6 [13]		44
Zr-90(n,2n)Zr-89m	ADL-3	6 [13]		44
Zr-90(n,3n)Zr-88	TALYS-6a	0		25
Zr-90(n,n'a)Sr-86	TALYS-6a	1 [8]		43
Zr-90(n,2na)Sr-85g	TALYS-6a	0		26
Zr-90(n,2na)Sr-85m	TALYS-6a	0		25
Zr-90(n,3na)Sr-84	TALYS-6a	0 [8]		17
Zr-90(n,n'p)Y-89g	TALYS-6a	0		44
Zr-90(n,n'p)Y-89m	TALYS-6	5		42
Zr-90(n,n'2a)Kr-82	TALYS-6a	0 [8]		25
Zr-90(n,2n2a)Kr-81g	TALYS-6a	0		15
Zr-90(n,2n2a)Kr-81m	TALYS-6a	0		15
Zr-90(n,n'd)Y-88	TALYS-6a	0 [8]		28
Zr-90(n,n't)Y-87g	TALYS-6a	0		24
Zr-90(n,n't)Y-87m	TALYS-6a	0		24
Zr-90(n,n'h)Sr-87g	TALYS-6a	0		25
Zr-90(n,n'h)Sr-87m	TALYS-6a	0		24
Zr-90(n,4n)Zr-87g	TALYS-6a	0		14
Zr-90(n,4n)Zr-87m	TALYS-6a	0		14
Zr-90(n,2np)Y-88	TALYS-6a	0		26
Zr-90(n,3np)Y-87g	TALYS-6a	0		17
Zr-90(n,3np)Y-87m	TALYS-6a	0		17
Zr-90(n,n'2p)Sr-88	TALYS-6a	0 [8]		29
Zr-90(n,n'pa)Rb-85	TALYS-6a	0 [8]		25
Zr-90(n,g)Zr-91	JEF-2.2	4 [9,2]		
16361				
Zr-90(n,p)Y-90g	JEF-2.2	4 [13,4,3,3]		52
Zr-90(n,p)Y-90m	ADL-3	6 [13,3,3]		41
Zr-90(n,d)Y-89g	TALYS-6a	0		51
Zr-90(n,d)Y-89m	TALYS-6a	0		48
Zr-90(n,t)Y-88	JEF-2.2	6 [13]		56
Zr-90(n,h)Sr-88	TALYS-6a	0 [8]		41
Zr-90(n,a)Sr-87g	TALYS-6a	0 [2]		100
Zr-90(n,a)Sr-87m	TALYS-6	3 [3]		100
Zr-90(n,2a)Kr-83g	TALYS-6a	0		34
Zr-90(n,2a)Kr-83m	TALYS-6a	0		33
Zr-90(n,2p)Sr-89	TALYS-6a	0 [8]		39
Zr-90(n,pa)Rb-86g	TALYS-6a	0		37
Zr-90(n,pa)Rb-86m	TALYS-6a	0		36
Zr-90(n,pd)Sr-88	TALYS-6a	0 [8]		31
Zr-90(n,pt)Sr-87g	TALYS-6a	0		26
Zr-90(n,pt)Sr-87m	TALYS-6a	0		25
Zr-90(n,da)Rb-85	TALYS-6a	0 [8]		27
Zr-90(n,5n)Zr-86	TALYS-6a	0		10
Zr-90(n,6n)Zr-85g	TALYS-6a	0		3
Zr-90(n,6n)Zr-85m	TALYS-6a	0		3
Zr-90(n,2nt)Y-86g	TALYS-6a	0		14
Zr-90(n,2nt)Y-86m	TALYS-6a	0		14
Zr-90(n,ta)Rb-84g	TALYS-6a	0		22
Zr-90(n,ta)Rb-84m	TALYS-6a	0		21
Zr-90(n,4np)Y-86g	TALYS-6a	0		11
Zr-90(n,4np)Y-86m	TALYS-6a	0		11
Zr-90(n,3nd)Y-86g	TALYS-6a	0		12
Zr-90(n,3nd)Y-86m	TALYS-6a	0		12
Zr-90(n,n'da)Rb-84g	TALYS-6a	0		16
Zr-90(n,n'da)Rb-84m	TALYS-6a	0		16
Zr-90(n,2npa)Rb-84g	TALYS-6a	0		15
Zr-90(n,2npa)Rb-84m	TALYS-6a	0		15
Zr-90(n,5np)Y-85g	TALYS-6a	0		6
Zr-90(n,5np)Y-85m	TALYS-6a	0		6
Zr-90(n,4na)Sr-83g	TALYS-6a	0		11
Zr-90(n,4na)Sr-83m	TALYS-6a	0		10
Zr-90(n,5na)Sr-82	TALYS-6a	0 [8]		6
Zr-90(n,4nd)Y-85g	TALYS-6a	0		7
Zr-90(n,4nd)Y-85m	TALYS-6a	0		7
Zr-90(n,3nt)Y-85g	TALYS-6a	0		10
Zr-90(n,3nt)Y-85m	TALYS-6a	0		10
Zr-90(n,2nh)Sr-86	TALYS-6a	0 [8]		16
Zr-90(n,3nh)Sr-85g	TALYS-6a	0		11
Zr-90(n,3nh)Sr-85m	TALYS-6a	0		11
Zr-90(n,4nh)Sr-84	TALYS-6a	0 [8]		6
Zr-90(n,3n2p)Sr-86	TALYS-6a	0 [8]		13
Zr-90(n,3n2a)Kr-80	TALYS-6a	0 [8]		11
Zr-90(n,3npa)Rb-83	TALYS-6a	0 [8]		11
Zr-90(n,dt)Sr-86	TALYS-6a	0 [8]		18
Zr-90(n,n'pd)Sr-87g	TALYS-6a	0		20
Zr-90(n,n'pd)Sr-87m	TALYS-6a	0		19
Zr-90(n,n'pt)Sr-86	TALYS-6a	0 [8]		17
Zr-90(n,n'dt)Sr-85g	TALYS-6a	0		11
Zr-90(n,n'dt)Sr-85m	TALYS-6a	0		11
Zr-90(n,n'ph)Rb-86g	TALYS-6a	0		14
Zr-90(n,n'ph)Rb-86m	TALYS-6a	0		14
Zr-90(n,n'dh)Rb-85	TALYS-6a	0 [8]		11
Zr-90(n,n'ta)Rb-83	TALYS-6a	0 [8]		15
Zr-90(n,2n2p)Sr-87g	TALYS-6a	0		18
Zr-90(n,2n2p)Sr-87m	TALYS-6a	0		17
Zr-90(n,ph)Rb-87	TALYS-6a	0 [8]		23
Zr-90(n,ha)Kr-84	TALYS-6a	0 [8]		21
Zr-90(n,4n2p)Sr-85g	TALYS-6a	0		7
Zr-90(n,4n2p)Sr-85m	TALYS-6a	0		7
Zr-90(n,3p)Rb-88	TALYS-6a	0 [8]		21

Reaction	Library	flag	refs	value
Zr-90(n,n'3p)Rb-87	TALYS-6a	0 [8]		16
Zr-91(n,2nd)Y-88	TALYS-6a	0		21
Zr-91(n,2n)Zr-90g	TALYS-6a	0		49
Zr-91(n,2n)Zr-90m	TALYS-6a	0 [3]		42
Zr-91(n,3n)Zr-89g	TALYS-6a	0		27
Zr-91(n,3n)Zr-89m	TALYS-6a	0		27
Zr-91(n,n'a)Sr-87g	TALYS-6a	0		47
Zr-91(n,n'a)Sr-87m	TALYS-6a	0		45
Zr-91(n,2na)Sr-86	TALYS-6a	0 [8]		30
Zr-91(n,3na)Sr-85g	TALYS-6a	0		18
Zr-91(n,3na)Sr-85m	TALYS-6a	0		18
Zr-91(n,n'p)Y-90g	TALYS-6a	0		43
Zr-91(n,n'p)Y-90m	TALYS-6a	0		42
Zr-91(n,n'2a)Kr-83g	TALYS-6a	0		25
Zr-91(n,n'2a)Kr-83m	TALYS-6a	0		24
Zr-91(n,2n2a)Kr-82	TALYS-6a	0 [8]		17
Zr-91(n,n'd)Y-89g	TALYS-6a	0		33
Zr-91(n,n'd)Y-89m	TALYS-6a	0		31
Zr-91(n,n't)Y-88	TALYS-6a	0 [8]		27
Zr-91(n,n'h)Sr-88	TALYS-6a	0 [8]		28
Zr-91(n,4n)Zr-88	TALYS-6a	0		18
Zr-91(n,2np)Y-89g	TALYS-6a	0		30
Zr-91(n,2np)Y-89m	TALYS-6a	0		29
Zr-91(n,3np)Y-88	TALYS-6a	0		19
Zr-91(n,n'2p)Sr-89	TALYS-6a	0 [8]		28
Zr-91(n,n'pa)Rb-86g	TALYS-6a	0		26
Zr-91(n,n'pa)Rb-86m	TALYS-6a	0		26
Zr-91(n,g)Zr-92	JEF-2.2	4 [13]		
17807				
>Zr-91(n,p)Y-91g	ENDF/B-VII.2	2 [4,12,3]		731
>Zr-91(n,p)Y-91m	ENDF/B-VII.2	4 [4,7,8,3,12,3]		714
Zr-91(n,d)Y-90g	TALYS-6a	0		49
Zr-91(n,d)Y-90m	TALYS-6a	0		47
Zr-91(n,t)Y-89g	TALYS-6a	0		45
Zr-91(n,t)Y-89m	TALYS-6a	0		44
Zr-91(n,h)Sr-89	TALYS-6a	0 [8]		39
Zr-91(n,a)Sr-88	TALYS-6a	0 [9,2,3]		
19773				
Zr-91(n,2a)Kr-84	TALYS-6a	0 [8]		41
Zr-91(n,2p)Sr-90	TALYS-6a	0 [8]		40
Zr-91(n,pa)Rb-87	TALYS-6a	0 [8]		43
Zr-91(n,pd)Sr-89	TALYS-6a	0 [8]		30
Zr-91(n,pt)Sr-88	TALYS-6a	0 [8]		30
Zr-91(n,da)Rb-86g	TALYS-6a	0		28
Zr-91(n,da)Rb-86m	TALYS-6a	0		27
Zr-91(n,5n)Zr-87g	TALYS-6a	0		11
Zr-91(n,5n)Zr-87m	TALYS-6a	0		11
Zr-91(n,6n)Zr-86	TALYS-6a	0		6
Zr-91(n,2nt)Y-87g	TALYS-6a	0		17
Zr-91(n,2nt)Y-87m	TALYS-6a	0		17
Zr-91(n,ta)Rb-85	TALYS-6a	0 [8]		25
Zr-91(n,4np)Y-87g	TALYS-6a	0		13
Zr-91(n,4np)Y-87m	TALYS-6a	0		13
Zr-91(n,3nd)Y-87g	TALYS-6a	0		14
Zr-91(n,3nd)Y-87m	TALYS-6a	0		14
Zr-91(n,n'da)Rb-85	TALYS-6a	0 [8]		19
Zr-91(n,2npa)Rb-85	TALYS-6a	0 [8]		18
Zr-91(n,5np)Y-86g	TALYS-6a	0		7
Zr-91(n,5np)Y-86m	TALYS-6a	0		7
Zr-91(n,4na)Sr-84	TALYS-6a	0 [8]		13
Zr-91(n,5na)Sr-83g	TALYS-6a	0		7
Zr-91(n,5na)Sr-83m	TALYS-6a	0		7
Zr-91(n,4nd)Y-86g	TALYS-6a	0		8
Zr-91(n,4nd)Y-86m	TALYS-6a	0		8
Zr-91(n,3nt)Y-86g	TALYS-6a	0		11
Zr-91(n,3nt)Y-86m	TALYS-6a	0		11
Zr-91(n,4nt)Y-85g	TALYS-6a	0		6
Zr-91(n,4nt)Y-85m	TALYS-6a	0		6
Zr-91(n,2nh)Sr-87g	TALYS-6a	0		17
Zr-91(n,2nh)Sr-87m	TALYS-6a	0		17
Zr-91(n,3nh)Sr-86	TALYS-6a	0 [8]		13
Zr-91(n,4nh)Sr-85g	TALYS-6a	0		7
Zr-91(n,4nh)Sr-85m	TALYS-6a	0		7
Zr-91(n,3n2p)Sr-87g	TALYS-6a	0		13
Zr-91(n,3n2p)Sr-87m	TALYS-6a	0		13
Zr-91(n,3n2a)Kr-81g	TALYS-6a	0		11
Zr-91(n,3n2a)Kr-81m	TALYS-6a	0		11
Zr-91(n,3npa)Rb-84g	TALYS-6a	0		12
Zr-91(n,3npa)Rb-84m	TALYS-6a	0		11
Zr-91(n,dt)Sr-87g	TALYS-6a	0		19
Zr-91(n,dt)Sr-87m	TALYS-6a	0		19
Zr-91(n,n'pd)Sr-88	TALYS-6a	0 [8]		23
Zr-91(n,n'pt)Sr-87g	TALYS-6a	0		18
Zr-91(n,n'pt)Sr-87m	TALYS-6a	0		18
Zr-91(n,n'dt)Sr-86	TALYS-6a	0 [8]		14
Zr-91(n,n'ph)Rb-87	TALYS-6a	0 [8]		16
Zr-91(n,n'dh)Rb-86g	TALYS-6a	0		11
Zr-91(n,n'dh)Rb-86m	TALYS-6a	0		11
Zr-91(n,n'ta)Rb-84g	TALYS-6a	0		15
Zr-91(n,n'ta)Rb-84m	TALYS-6a	0		15
Zr-91(n,2n2p)Sr-88	TALYS-6a	0 [8]		22
Zr-91(n,ph)Rb-88	TALYS-6a	0 [8]		21
Zr-91(n,4n2p)Sr-86	TALYS-6a	0 [8]		9
Zr-91(n,4npa)Rb-83	TALYS-6a	0 [8]		7
Zr-91(n,n'3p)Rb-88	TALYS-6a	0 [8]		15
Zr-92(n,2nd)Y-89g	TALYS-6a	0		23
Zr-92(n,2nd)Y-89m	TALYS-6a	0		23
Zr-92(n,2n)Zr-91	TALYS-6a	0		44
Zr-92(n,3n)Zr-90g	TALYS-6a	0		30
Zr-92(n,3n)Zr-90m	TALYS-6a	0		28
Zr-92(n,n'a)Sr-88	TALYS-6a	0 [8]		59
Zr-92(n,2na)Sr-87g	TALYS-6a	0		30
Zr-92(n,2na)Sr-87m	TALYS-6a	0		29
Zr-92(n,3na)Sr-86	TALYS-6a	0 [8]		21
Zr-92(n,n'p)Y-91g	TALYS-6a	0		42
Zr-92(n,n'p)Y-91m	TALYS-6a	0		40
Zr-92(n,n'2a)Kr-84	TALYS-6a	0 [8]		27
Zr-92(n,2n2a)Kr-83g	TALYS-6a	0		16
Zr-92(n,2n2a)Kr-83m	TALYS-6a	0		16

Reaction	Library		Ref	Value
Zr-92(n,n'd)Y-90g	TALYS-6a	0		30
Zr-92(n,n'd)Y-90m	TALYS-6a	0		30
Zr-92(n,n't)Y-89g	TALYS-6a	0		30
Zr-92(n,n't)Y-89m	TALYS-6a	0		29
Zr-92(n,n'h)Sr-89	TALYS-6a	0	[8]	26
Zr-92(n,4n)Zr-89g	TALYS-6a	0		18
Zr-92(n,4n)Zr-89m	TALYS-6a	0		18
Zr-92(n,2np)Y-90g	TALYS-6a	0		29
Zr-92(n,2np)Y-90m	TALYS-6a	0		28
Zr-92(n,3np)Y-89g	TALYS-6a	0		22
Zr-92(n,3np)Y-89m	TALYS-6a	0		21
Zr-92(n,n'2p)Sr-90	TALYS-6a	0	[8]	27
Zr-92(n,n'pa)Rb-87	TALYS-6a	0	[8]	28
Zr-92(n,g)Zr-93	JEF-2.2	4	[9,2]	9454
Zr-92(n,p)Y-92	ADL-3	4	[3,12,3]	44
Zr-92(n,d)Y-91g	TALYS-6a	0		46
Zr-92(n,d)Y-91m	TALYS-6a	0		45
Zr-92(n,t)Y-90g	TALYS-6a	0		42
Zr-92(n,t)Y-90m	TALYS-6a	0		41
Zr-92(n,h)Sr-90	TALYS-6a	0	[8]	37
Zr-92(n,a)Sr-89	HEPRL	4	[9,13,3,3]	9323
Zr-92(n,2a)Kr-85g	TALYS-6a	0		37
Zr-92(n,2a)Kr-85m	TALYS-6a	0		36
Zr-92(n,2p)Sr-91	TALYS-6a	0	[8]	34
Zr-92(n,pa)Rb-88	TALYS-6a	0	[8]	37
Zr-92(n,pd)Sr-90	TALYS-6a	0	[8]	29
Zr-92(n,pt)Sr-89	TALYS-6a	0	[8]	27
Zr-92(n,da)Rb-87	TALYS-6a	0	[8]	30
Zr-92(n,5n)Zr-88	TALYS-6a	0		13
Zr-92(n,6n)Zr-87g	TALYS-6a	0		6
Zr-92(n,6n)Zr-87m	TALYS-6a	0		6
Zr-92(n,2nt)Y-88	TALYS-6a	0	[8]	18
Zr-92(n,ta)Rb-86g	TALYS-6a	0		25
Zr-92(n,ta)Rb-86m	TALYS-6a	0		24
Zr-92(n,4np)Y-88	TALYS-6a	0		13
Zr-92(n,3nd)Y-88	TALYS-6a	0	[8]	14
Zr-92(n,n'da)Rb-86g	TALYS-6a	0		19
Zr-92(n,n'da)Rb-86m	TALYS-6a	0		18
Zr-92(n,2npa)Rb-86g	TALYS-6a	0		17
Zr-92(n,2npa)Rb-86m	TALYS-6a	0		17
Zr-92(n,5np)Y-87g	TALYS-6a	0		9
Zr-92(n,5np)Y-87m	TALYS-6a	0		9
Zr-92(n,4na)Sr-85g	TALYS-6a	0		13
Zr-92(n,4na)Sr-85m	TALYS-6a	0		13
Zr-92(n,5na)Sr-84	TALYS-6a	0	[8]	8
Zr-92(n,4nd)Y-87g	TALYS-6a	0		10
Zr-92(n,4nd)Y-87m	TALYS-6a	0		9
Zr-92(n,3nt)Y-87g	TALYS-6a	0		12
Zr-92(n,3nt)Y-87m	TALYS-6a	0		11
Zr-92(n,4nt)Y-86g	TALYS-6a	0		7
Zr-92(n,4nt)Y-86m	TALYS-6a	0		6
Zr-92(n,2nh)Sr-88	TALYS-6a	0	[8]	20
Zr-92(n,3nh)Sr-87g	TALYS-6a	0		13
Zr-92(n,3nh)Sr-87m	TALYS-6a	0		12
Zr-92(n,4nh)Sr-86	TALYS-6a	0	[8]	8
Zr-92(n,3n2p)Sr-88	TALYS-6a	0	[8]	15
Zr-92(n,3n2a)Kr-82	TALYS-6a	0	[8]	12
Zr-92(n,3npa)Rb-85	TALYS-6a	0	[8]	13
Zr-92(n,dt)Sr-88	TALYS-6a	0	[8]	22
Zr-92(n,n'pd)Sr-89	TALYS-6a	0	[8]	21
Zr-92(n,n'pt)Sr-88	TALYS-6a	0	[8]	21
Zr-92(n,n'dt)Sr-87g	TALYS-6a	0		13
Zr-92(n,n'dt)Sr-87m	TALYS-6a	0		13
Zr-92(n,n'ph)Rb-88	TALYS-6a	0	[8]	14
Zr-92(n,n'dh)Rb-87	TALYS-6a	0	[8]	12
Zr-92(n,n'ta)Rb-85	TALYS-6a	0	[8]	16
Zr-92(n,2n2p)Sr-89	TALYS-6a	0	[8]	19
Zr-92(n,4n2p)Sr-87g	TALYS-6a	0		9
Zr-92(n,4n2p)Sr-87m	TALYS-6a	0		9
Zr-92(n,4npa)Rb-84g	TALYS-6a	0		7
Zr-92(n,4npa)Rb-84m	TALYS-6a	0		7
Zr-92(n,n'3p)Rb-89	TALYS-6a	0	[8]	14
Zr-93(n,2nd)Y-90g	TALYS-6a	0		24
Zr-93(n,2nd)Y-90m	TALYS-6a	0		23
Zr-93(n,2n)Zr-92	TALYS-6a	0		51
Zr-93(n,3n)Zr-91	TALYS-6a	0		31
Zr-93(n,n'a)Sr-89	TALYS-6a	0	[8]	57
Zr-93(n,2na)Sr-88	TALYS-6a	0	[8]	37
Zr-93(n,3na)Sr-87g	TALYS-6a	0		23
Zr-93(n,3na)Sr-87m	TALYS-6a	0		22
Zr-93(n,n'p)Y-92	TALYS-6a	0	[8,7,8]	41
Zr-93(n,n'2a)Kr-85g	TALYS-6a	0		27
Zr-93(n,n'2a)Kr-85m	TALYS-6a	0		26
Zr-93(n,2n2a)Kr-84	TALYS-6a	0	[8]	19
Zr-93(n,n'd)Y-91g	TALYS-6a	0		32
Zr-93(n,n'd)Y-91m	TALYS-6a	0		31
Zr-93(n,n't)Y-90g	TALYS-6a	0		30
Zr-93(n,n't)Y-90m	TALYS-6a	0		29
Zr-93(n,n'h)Sr-90	TALYS-6a	0	[8]	27
Zr-93(n,4n)Zr-90g	TALYS-6a	0		24
Zr-93(n,4n)Zr-90m	TALYS-6a	0		21
Zr-93(n,2np)Y-91g	TALYS-6a	0		30
Zr-93(n,2np)Y-91m	TALYS-6a	0		29
Zr-93(n,3np)Y-90g	TALYS-6a	0		22
Zr-93(n,3np)Y-90m	TALYS-6a	0		21
Zr-93(n,n'2p)Sr-91	TALYS-6a	0	[8]	26
Zr-93(n,n'pa)Rb-88	TALYS-6a	0		27
Zr-93(n,g)Zr-94	JENDL-3.3	4	[14,13]	3355
Zr-93(n,p)Y-93g	TALYS-6a	0	[2,7,8]	73
Zr-93(n,p)Y-93m	TALYS-6a	0	[2,7,8]	69
Zr-93(n,d)Y-92	TALYS-6a	0	[8,7,8]	45
Zr-93(n,t)Y-91g	TALYS-6a	0		44
Zr-93(n,t)Y-91m	TALYS-6a	0		43
Zr-93(n,h)Sr-91	TALYS-6a	0	[8]	35
Zr-93(n,a)Sr-90	TALYS-6a	0	[2]	100
Zr-93(n,2a)Kr-86	TALYS-6a	0		44
Zr-93(n,2p)Sr-92	TALYS-6a	0	[8,7,8]	35
Zr-93(n,pa)Rb-89	TALYS-6a	0	[8]	38
Zr-93(n,pd)Sr-91	TALYS-6a	0	[8]	28
Zr-93(n,pt)Sr-90	TALYS-6a	0	[8]	28
Zr-93(n,da)Rb-88	TALYS-6a	0	[8]	28
Zr-93(n,5n)Zr-89g	TALYS-6a	0		14
Zr-93(n,5n)Zr-89m	TALYS-6a	0		14
Zr-93(n,6n)Zr-88	TALYS-6a	0		9
Zr-93(n,2nt)Y-89g	TALYS-6a	0		23
Zr-93(n,2nt)Y-89m	TALYS-6a	0		22
Zr-93(n,ta)Rb-87	TALYS-6a	0	[8]	29
Zr-93(n,4np)Y-89g	TALYS-6a	0		16
Zr-93(n,4np)Y-89m	TALYS-6a	0		15
Zr-93(n,3nd)Y-89g	TALYS-6a	0		17
Zr-93(n,3nd)Y-89m	TALYS-6a	0		16
Zr-93(n,n'da)Rb-87	TALYS-6a	0	[8]	23
Zr-93(n,2npa)Rb-87	TALYS-6a	0	[8]	21
Zr-93(n,7n)Zr-87g	TALYS-6a	0		3
Zr-93(n,7n)Zr-87m	TALYS-6a	0		3
Zr-93(n,5np)Y-88	TALYS-6a	0		10
Zr-93(n,6np)Y-87g	TALYS-6a	0		5
Zr-93(n,6np)Y-87m	TALYS-6a	0		5
Zr-93(n,4na)Sr-86	TALYS-6a	0	[8]	15
Zr-93(n,5na)Sr-85g	TALYS-6a	0		9
Zr-93(n,5na)Sr-85m	TALYS-6a	0		9
Zr-93(n,4nd)Y-88	TALYS-6a	0		11
Zr-93(n,5nd)Y-87g	TALYS-6a	0		6
Zr-93(n,5nd)Y-87m	TALYS-6a	0		6
Zr-93(n,3nt)Y-88	TALYS-6a	0		14
Zr-93(n,4nt)Y-87g	TALYS-6a	0		9
Zr-93(n,4nt)Y-87m	TALYS-6a	0		9
Zr-93(n,2nh)Sr-89	TALYS-6a	0	[8]	20
Zr-93(n,3nh)Sr-88	TALYS-6a	0	[8]	15
Zr-93(n,4nh)Sr-87g	TALYS-6a	0		9
Zr-93(n,4nh)Sr-87m	TALYS-6a	0		9
Zr-93(n,3n2p)Sr-89	TALYS-6a	0	[8]	14
Zr-93(n,3n2a)Kr-83g	TALYS-6a	0		12
Zr-93(n,3n2a)Kr-83m	TALYS-6a	0		12
Zr-93(n,3npa)Rb-86g	TALYS-6a	0		13
Zr-93(n,3npa)Rb-86m	TALYS-6a	0		13
Zr-93(n,dt)Sr-89	TALYS-6a	0	[8]	21
Zr-93(n,n'pd)Sr-90	TALYS-6a	0	[8]	22
Zr-93(n,n'pt)Sr-89	TALYS-6a	0	[8]	20
Zr-93(n,n'dt)Sr-88	TALYS-6a	0	[8]	16
Zr-93(n,n'ph)Rb-89	TALYS-6a	0	[8]	14
Zr-93(n,n'ta)Rb-86g	TALYS-6a	0		18
Zr-93(n,n'ta)Rb-86m	TALYS-6a	0		17
Zr-93(n,2n2p)Sr-90	TALYS-6a	0	[8]	20
Zr-93(n,4n2p)Sr-88	TALYS-6a	0	[8]	11
Zr-93(n,4n2a)Kr-82	TALYS-6a	0	[8]	9
Zr-93(n,4npa)Rb-85	TALYS-6a	0	[8]	9
Zr-94(n,2nd)Y-91g	TALYS-6a	0		23
Zr-94(n,2nd)Y-91m	TALYS-6a	0		23
Zr-94(n,2n)Zr-93	TALYS-6a	0		45
Zr-94(n,3n)Zr-92	TALYS-6a	0		31
Zr-94(n,n'a)Sr-90	TALYS-6a	0	[8]	55
Zr-94(n,2na)Sr-89	TALYS-6a	0	[8]	34
Zr-94(n,3na)Sr-88	TALYS-6a	0	[8]	26
Zr-94(n,n'p)Y-93g	TALYS-6a	0		40
Zr-94(n,n'p)Y-93m	TALYS-6a	0		38
Zr-94(n,n'2a)Kr-86	TALYS-6a	0	[8]	29
Zr-94(n,2n2a)Kr-85g	TALYS-6a	0		18
Zr-94(n,2n2a)Kr-85m	TALYS-6a	0		17
Zr-94(n,n'd)Y-92	TALYS-6a	0	[8,7,8]	30
Zr-94(n,n't)Y-91g	TALYS-6a	0		29
Zr-94(n,n't)Y-91m	TALYS-6a	0		29
Zr-94(n,n'h)Sr-91	TALYS-6a	0	[8]	25
Zr-94(n,4n)Zr-91	TALYS-6a	0		23
Zr-94(n,2np)Y-92	TALYS-6a	0		28
Zr-94(n,3np)Y-91g	TALYS-6a	0		21
Zr-94(n,3np)Y-91m	TALYS-6a	0		21
Zr-94(n,n'2p)Sr-92	TALYS-6a	0	[8,7,8]	25
Zr-94(n,n'pa)Rb-89	TALYS-6a	0	[8]	26
>Zr-94(n,g)Zr-95	JEF-2.2	6	[9,2,13]	7747
Zr-94(n,p)Y-94	JEF-2.2	6	[13,3,7,8]	44
Zr-94(n,d)Y-93g	TALYS-6a	0		44
Zr-94(n,d)Y-93m	TALYS-6a	0		42
Zr-94(n,t)Y-92	TALYS-6a	0	[8,7,8]	41
Zr-94(n,h)Sr-92	TALYS-6a	1	[8,7,8]	33
Zr-94(n,a)Sr-91	HEPRL	4	[9,13,3]	92
Zr-94(n,2a)Kr-87	TALYS-6a	0	[8]	38
Zr-94(n,2p)Sr-93	TALYS-6a	0	[8,7,8]	30
Zr-94(n,pa)Rb-90g	TALYS-6a	0		31
Zr-94(n,pa)Rb-90m	TALYS-6a	0		31
Zr-94(n,pd)Sr-92	TALYS-6a	0	[8,7,8]	26
Zr-94(n,pt)Sr-91	TALYS-6a	0	[8]	25
Zr-94(n,da)Rb-89	TALYS-6a	0	[8]	28
Zr-94(n,5n)Zr-90g	TALYS-6a	0		16
Zr-94(n,5n)Zr-90m	TALYS-6a	0		15
Zr-94(n,6n)Zr-89g	TALYS-6a	0		10
Zr-94(n,6n)Zr-89m	TALYS-6a	0		10
Zr-94(n,2nt)Y-90g	TALYS-6a	0		21
Zr-94(n,2nt)Y-90m	TALYS-6a	0		21
Zr-94(n,ta)Rb-88	TALYS-6a	0	[8]	26
Zr-94(n,4np)Y-90g	TALYS-6a	0		15
Zr-94(n,4np)Y-90m	TALYS-6a	0		15
Zr-94(n,3nd)Y-90g	TALYS-6a	0		16
Zr-94(n,3nd)Y-90m	TALYS-6a	0		16
Zr-94(n,n'da)Rb-88	TALYS-6a	0	[8]	20
Zr-94(n,2npa)Rb-88	TALYS-6a	0	[8]	18
Zr-94(n,7n)Zr-88	TALYS-6a	0		5
Zr-94(n,5np)Y-89g	TALYS-6a	0		12
Zr-94(n,5np)Y-89m	TALYS-6a	0		11
Zr-94(n,6np)Y-88	TALYS-6a	0		6
Zr-94(n,4na)Sr-87g	TALYS-6a	0		15
Zr-94(n,4na)Sr-87m	TALYS-6a	0		15
Zr-94(n,5na)Sr-86	TALYS-6a	0	[8]	11
Zr-94(n,4nd)Y-89g	TALYS-6a	0		12
Zr-94(n,4nd)Y-89m	TALYS-6a	0		12
Zr-94(n,5nd)Y-88	TALYS-6a	0		7
Zr-94(n,3nt)Y-89g	TALYS-6a	0		15
Zr-94(n,3nt)Y-89m	TALYS-6a	0		15

Reaction	Library	n	Refs	Value
Zr-94(n,4nt)Y-88	TALYS-6a	0		10
Zr-94(n,5nt)Y-87g	TALYS-6a	0		5
Zr-94(n,5nt)Y-87m	TALYS-6a	0		5
Zr-94(n,2nh)Sr-90	TALYS-6a	0	[8]	19
Zr-94(n,3nh)Sr-89	TALYS-6a	0	[8]	14
Zr-94(n,4nh)Sr-88	TALYS-6a	0	[8]	11
Zr-94(n,3n2p)Sr-90	TALYS-6a	0	[8]	14
Zr-94(n,3n2a)Kr-84	TALYS-6a	0	[8]	14
Zr-94(n,3npa)Rb-87	TALYS-6a	0	[8]	14
Zr-94(n,n'pd)Sr-91	TALYS-6a	0	[8]	19
Zr-94(n,n'pt)Sr-90	TALYS-6a	0	[8]	19
Zr-94(n,n'dt)Sr-89	TALYS-6a	0	[8]	15
Zr-94(n,n'ta)Rb-87	TALYS-6a	0	[8]	20
Zr-94(n,2n2p)Sr-91	TALYS-6a	0	[8]	17
Zr-94(n,4n2p)Sr-89	TALYS-6a	0	[8]	10
Zr-94(n,4n2a)Kr-83g	TALYS-6a	0		8
Zr-94(n,4n2a)Kr-83m	TALYS-6a	0		8
Zr-94(n,4npa)Rb-86g	TALYS-6a	0		9
Zr-94(n,4npa)Rb-86m	TALYS-6a	0		9
Zr-94(n,5n2p)Sr-88	TALYS-6a	0	[8]	7
Zr-95(n,2nd)Y-92	TALYS-6a	0	[8,7,8]	23
Zr-95(n,2n)Zr-94	TALYS-6a	0		53
Zr-95(n,3n)Zr-93	TALYS-6a	0		32
Zr-95(n,n'a)Sr-91	TALYS-6a	0	[8]	52
Zr-95(n,2na)Sr-90	TALYS-6a	0	[8]	36
Zr-95(n,3na)Sr-89	TALYS-6a	0	[8]	26
Zr-95(n,n'p)Y-94	TALYS-6a	0	[8]	39
Zr-95(n,n'2a)Kr-87	TALYS-6a	0	[8]	27
Zr-95(n,2n2a)Kr-86	TALYS-6a	0	[8]	22
Zr-95(n,n'd)Y-93g	TALYS-6a	0		31
Zr-95(n,n'd)Y-93m	TALYS-6a	0		30
Zr-95(n,n't)Y-92	TALYS-6a	0	[8,7,8]	29
Zr-95(n,n'h)Sr-92	TALYS-6a	0	[8,7,8]	26
Zr-95(n,4n)Zr-92	TALYS-6a	0		25
Zr-95(n,2np)Y-93g	TALYS-6a	0		29
Zr-95(n,2np)Y-93m	TALYS-6a	0		28
Zr-95(n,3np)Y-92	TALYS-6a	0		22
Zr-95(n,n'2p)Sr-93	TALYS-6a	0	[8,7,8]	23
Zr-95(n,n'pa)Rb-90g	TALYS-6a	0		24
Zr-95(n,n'pa)Rb-90m	TALYS-6a	0		24
Zr-95(n,g)Zr-96	JEF-2.2	2	[14,13]	3825
Zr-95(n,p)Y-95	TALYS-6a	0	[2,8,7,8]	65
Zr-95(n,d)Y-94	TALYS-6a	0	[8]	43
Zr-95(n,t)Y-93g	TALYS-6a	0		43
Zr-95(n,t)Y-93m	TALYS-6a	0		41
Zr-95(n,h)Sr-93	TALYS-6a	0	[8,7,8]	31
Zr-95(n,a)Sr-92	TALYS-6a	0	[2,3]	100
Zr-95(n,2p)Sr-94	TALYS-6a	0	[8]	30
Zr-95(n,pa)Rb-91	TALYS-6a	0	[8,7,8]	31
Zr-95(n,pd)Sr-93	TALYS-6a	0	[8,7,8]	25
Zr-95(n,da)Rb-90g	TALYS-6a	0		26
Zr-95(n,da)Rb-90m	TALYS-6a	0		26
Zr-95(n,5n)Zr-91	TALYS-6a	0		16
Zr-95(n,6n)Zr-90g	TALYS-6a	0		13
Zr-95(n,6n)Zr-90m	TALYS-6a	0		12
Zr-95(n,2nt)Y-91g	TALYS-6a	0		23
Zr-95(n,2nt)Y-91m	TALYS-6a	0		22
Zr-95(n,ta)Rb-89	TALYS-6a	0	[8]	27
Zr-95(n,4np)Y-91g	TALYS-6a	0		16
Zr-95(n,4np)Y-91m	TALYS-6a	0		16
Zr-95(n,3nd)Y-91g	TALYS-6a	0		17
Zr-95(n,3nd)Y-91m	TALYS-6a	0		16
Zr-95(n,n'da)Rb-89	TALYS-6a	0	[8]	21
Zr-95(n,2npa)Rb-89	TALYS-6a	0	[8]	19
Zr-95(n,7n)Zr-89g	TALYS-6a	0		7
Zr-95(n,7n)Zr-89m	TALYS-6a	0		6
Zr-95(n,5np)Y-90g	TALYS-6a	0		12
Zr-95(n,5np)Y-90m	TALYS-6a	0		12
Zr-95(n,6np)Y-89g	TALYS-6a	0		8
Zr-95(n,6np)Y-89m	TALYS-6a	0		8
Zr-95(n,4na)Sr-88	TALYS-6a	0	[8]	19
Zr-95(n,5na)Sr-87g	TALYS-6a	0		12
Zr-95(n,5na)Sr-87m	TALYS-6a	0		12
Zr-95(n,6na)Sr-86	TALYS-6a	0	[8]	8
Zr-95(n,4nd)Y-90g	TALYS-6a	0		13
Zr-95(n,4nd)Y-90m	TALYS-6a	0		12
Zr-95(n,5nd)Y-89g	TALYS-6a	0		9
Zr-95(n,5nd)Y-89m	TALYS-6a	0		9
Zr-95(n,3nt)Y-90g	TALYS-6a	0		16
Zr-95(n,3nt)Y-90m	TALYS-6a	0		15
Zr-95(n,4nt)Y-89g	TALYS-6a	0		12
Zr-95(n,4nt)Y-89m	TALYS-6a	0		12
Zr-95(n,5nt)Y-88	TALYS-6a	0	[8]	6
Zr-95(n,2nh)Sr-91	TALYS-6a	0	[8]	19
Zr-95(n,3nh)Sr-90	TALYS-6a	0	[8]	15
Zr-95(n,4nh)Sr-89	TALYS-6a	0	[8]	11
Zr-95(n,3n2p)Sr-91	TALYS-6a	0	[8]	14
Zr-95(n,3n2a)Kr-85g	TALYS-6a	0		14
Zr-95(n,3n2a)Kr-85m	TALYS-6a	0		13
Zr-95(n,3npa)Rb-88	TALYS-6a	0	[8]	14
Zr-95(n,n'pd)Sr-92	TALYS-6a	0	[8,7,8]	20
Zr-95(n,n'pt)Sr-91	TALYS-6a	0	[8]	19
Zr-95(n,n'dt)Sr-90	TALYS-6a	0	[8]	15
Zr-95(n,n'ta)Rb-88	TALYS-6a	0	[8]	19
Zr-95(n,2n2p)Sr-92	TALYS-6a	0	[8,7,8]	18
Zr-95(n,4n2p)Sr-90	TALYS-6a	0		11
Zr-95(n,4n2a)Kr-84	TALYS-6a	0	[8]	10
Zr-95(n,4npa)Rb-87	TALYS-6a	0		11
Zr-95(n,5n2p)Sr-89	TALYS-6a	0	[8]	7
Zr-96(n,2nd)Y-93g	TALYS-6a	0		23
Zr-96(n,2nd)Y-93m	TALYS-6a	0		22
Zr-96(n,2n)Zr-95	JENDL-3.2/A	6	[13]	39
Zr-96(n,3n)Zr-94	TALYS-6a	0		33
Zr-96(n,n'a)Sr-92	TALYS-6a	0	[8,7,8]	49
Zr-96(n,2na)Sr-91	TALYS-6a	0	[8]	32
Zr-96(n,3na)Sr-90	TALYS-6a	0	[8]	26
Zr-96(n,n'p)Y-95	TALYS-6a	0	[8,7,8]	37
Zr-96(n,n'2a)Kr-88	TALYS-6a	0		26
Zr-96(n,2n2a)Kr-87	TALYS-6a	0	[8]	19
Zr-96(n,n'd)Y-94	TALYS-6a	0	[8]	29
Zr-96(n,n't)Y-93g	TALYS-6a	0		29
Zr-96(n,n't)Y-93m	TALYS-6a	0		28
Zr-96(n,n'h)Sr-93	TALYS-6a	0	[8,7,8]	23
Zr-96(n,4n)Zr-93	TALYS-6a	0		24
Zr-96(n,2np)Y-94	TALYS-6a	0	[8]	27
Zr-96(n,3np)Y-93g	TALYS-6a	0		21
Zr-96(n,3np)Y-93m	TALYS-6a	0		21
Zr-96(n,n'2p)Sr-94	TALYS-6a	0	[8]	22
Zr-96(n,n'pa)Rb-91	TALYS-6a	0	[8,7,8]	23
Zr-96(n,g)Zr-97	JEF-2.2	5	[13]	5260
Zr-96(n,p)Y-96g	TALYS-6a	0	[4,2,8,7,8]	51
Zr-96(n,p)Y-96m	TALYS-6a	0	[4,7,8,2,8]	44
Zr-96(n,d)Y-95	TALYS-6a	0	[8,7,8]	41
Zr-96(n,t)Y-94	TALYS-6a	0	[8]	39
Zr-96(n,h)Sr-94	TALYS-6a	1	[8]	30
Zr-96(n,a)Sr-93	TALYS-5	2	[7]	100
Zr-96(n,2p)Sr-95	TALYS-6a	0	[8,7,8]	26
Zr-96(n,pa)Rb-92	TALYS-6a	0	[8,7,8]	28
Zr-96(n,pd)Sr-94	TALYS-6a	0	[8]	24
Zr-96(n,pt)Sr-93	TALYS-6a	0	[8,7,8]	23
Zr-96(n,5n)Zr-92	TALYS-6a	0		17
Zr-96(n,6n)Zr-91	TALYS-6a	0		12
Zr-96(n,2nt)Y-92	TALYS-6a	0	[8,7,8]	21
Zr-96(n,4np)Y-92	TALYS-6a	0		15
Zr-96(n,3nd)Y-92	TALYS-6a	0		16
Zr-96(n,n'da)Rb-90g	TALYS-6a	0		18
Zr-96(n,n'da)Rb-90m	TALYS-6a	0		18
Zr-96(n,2npa)Rb-90g	TALYS-6a	0		16
Zr-96(n,2npa)Rb-90m	TALYS-6a	0		16
Zr-96(n,7n)Zr-90g	TALYS-6a	0		9
Zr-96(n,7n)Zr-90m	TALYS-6a	0		8
Zr-96(n,5np)Y-91g	TALYS-6a	0		12
Zr-96(n,5np)Y-91m	TALYS-6a	0		12
Zr-96(n,6np)Y-90g	TALYS-6a	0		8
Zr-96(n,6np)Y-90m	TALYS-6a	0		8
Zr-96(n,4na)Sr-89	TALYS-6a	0	[8]	18
Zr-96(n,5na)Sr-88	TALYS-6a	0	[8]	14
Zr-96(n,6na)Sr-87g	TALYS-6a	0		8
Zr-96(n,6na)Sr-87m	TALYS-6a	0		8
Zr-96(n,4nd)Y-91g	TALYS-6a	0		13
Zr-96(n,4nd)Y-91m	TALYS-6a	0		12
Zr-96(n,5nd)Y-90g	TALYS-6a	0		9
Zr-96(n,5nd)Y-90m	TALYS-6a	0		8
Zr-96(n,6nd)Y-89g	TALYS-6a	0		5
Zr-96(n,6nd)Y-89m	TALYS-6a	0		5
Zr-96(n,3nt)Y-91g	TALYS-6a	0		16
Zr-96(n,3nt)Y-91m	TALYS-6a	0		15
Zr-96(n,4nt)Y-90g	TALYS-6a	0		12
Zr-96(n,4nt)Y-90m	TALYS-6a	0		11
Zr-96(n,5nt)Y-89g	TALYS-6a	0		8
Zr-96(n,5nt)Y-89m	TALYS-6a	0		8
Zr-96(n,2nh)Sr-92	TALYS-6a	0	[8,7,8]	18
Zr-96(n,3nh)Sr-91	TALYS-6a	0	[8]	14
Zr-96(n,4nh)Sr-90	TALYS-6a	0	[8]	11
Zr-96(n,3n2p)Sr-92	TALYS-6a	0	[8,7,8]	13
Zr-96(n,3n2a)Kr-86	TALYS-6a	0	[8]	15
Zr-96(n,3npa)Rb-89	TALYS-6a	0	[8]	14
Zr-96(n,n'pd)Sr-93	TALYS-6a	0	[8,7,8]	17
Zr-96(n,n'pt)Sr-92	TALYS-6a	0	[8,7,8]	18
Zr-96(n,n'dt)Sr-91	TALYS-6a	0	[8]	14
Zr-96(n,n'ta)Rb-89	TALYS-6a	0	[8]	19
Zr-96(n,2n2p)Sr-93	TALYS-6a	0	[8,7,8]	16
Zr-96(n,4n2p)Sr-91	TALYS-6a	0	[8]	10
Zr-96(n,4n2a)Kr-85g	TALYS-6a	0		10
Zr-96(n,4n2a)Kr-85m	TALYS-6a	0		9
Zr-96(n,4npa)Rb-88	TALYS-6a	0		10
Zr-97(n,2nd)Y-94	TALYS-6a	0		24
Zr-97(n,2n)Zr-96	TALYS-6a	0		57
Zr-97(n,3n)Zr-95	TALYS-6a	0		34
Zr-97(n,n'a)Sr-93	TALYS-6a	0	[8,7,8]	47
Zr-97(n,2na)Sr-92	TALYS-6a	0	[8,7,8]	35
Zr-97(n,3na)Sr-91	TALYS-6a	0	[8]	26
Zr-97(n,n'p)Y-96g	TALYS-6a	0	[4,8,7,8]	36
Zr-97(n,n'p)Y-96m	TALYS-6a	0	[4,7,8,8]	32
Zr-97(n,n'2a)Kr-89	TALYS-6a	0	[8]	25
Zr-97(n,2n2a)Kr-88	TALYS-6a	0	[8]	20
Zr-97(n,n'd)Y-95	TALYS-6a	0		31
Zr-97(n,n't)Y-94	TALYS-6a	0	[8]	30
Zr-97(n,n'h)Sr-94	TALYS-6a	0	[8]	24
Zr-97(n,4n)Zr-94	TALYS-6a	0		26
Zr-97(n,2np)Y-95	TALYS-6a	0		29
Zr-97(n,3np)Y-94	TALYS-6a	0		22
Zr-97(n,n'2p)Sr-95	TALYS-6a	0	[8,7,8]	20
Zr-97(n,n'pa)Rb-92	TALYS-6a	0	[8,7,8]	22
Zr-97(n,g)Zr-98	MASGAM	0	[14,13]	83
>Zr-97(n,p)Y-97g	TALYS-6a	0	[4,2]	53
>Zr-97(n,p)Y-97m	TALYS-6a	0	[4,7,8,2]	51
+Zr-97(n,p)Y-97n	TALYS-6a	0	[4,7,8]	41
Zr-97(n,d)Y-96g	TALYS-6a	0	[4,8,7,8]	40
Zr-97(n,d)Y-96m	TALYS-6a	0	[4,7,8,8]	37
Zr-97(n,t)Y-95	TALYS-6a	0	[8,7,8]	42
Zr-97(n,h)Sr-95	TALYS-6a	0	[8,7,8]	29
Zr-97(n,a)Sr-94	TALYS-6a	0	[2]	100
Zr-97(n,2p)Sr-96	TALYS-6a	0	[8,7,8]	27
Zr-97(n,pd)Sr-95	TALYS-6a	0	[8,7,8]	22
Zr-97(n,5n)Zr-93	TALYS-6a	0		18
Zr-97(n,6n)Zr-92	TALYS-6a	0		14
Zr-97(n,2nt)Y-93g	TALYS-6a	0		23
Zr-97(n,2nt)Y-93m	TALYS-6a	0		23
Zr-97(n,4np)Y-93g	TALYS-6a	0		16
Zr-97(n,4np)Y-93m	TALYS-6a	0		16
Zr-97(n,3nd)Y-93g	TALYS-6a	0		17
Zr-97(n,3nd)Y-93m	TALYS-6a	0		17
Zr-97(n,n'da)Rb-91	TALYS-6a	0	[8,7,8]	19
Zr-97(n,2npa)Rb-91	TALYS-6a	0	[8,7,8]	17
Zr-97(n,7n)Zr-91	TALYS-6a	0		10
Zr-97(n,8n)Zr-90g	TALYS-6a	0		6
Zr-97(n,8n)Zr-90m	TALYS-6a	0		5

Reaction	Library		Refs	Value
Zr-97(n,5np)Y-92	TALYS-6a	0		12
Zr-97(n,6np)Y-91g	TALYS-6a	0		9
Zr-97(n,6np)Y-91m	TALYS-6a	0		9
Zr-97(n,7np)Y-90g	TALYS-6a	0		5
Zr-97(n,7np)Y-90m	TALYS-6a	0		5
Zr-97(n,4na)Sr-90	TALYS-6a	0	[8]	20
Zr-97(n,5na)Sr-89	TALYS-6a	0	[8]	14
Zr-97(n,6na)Sr-88	TALYS-6a	0	[8]	11
Zr-97(n,4nd)Y-92	TALYS-6a	0	[8,7,8]	13
Zr-97(n,5nd)Y-91g	TALYS-6a	0		10
Zr-97(n,5nd)Y-91m	TALYS-6a	0		10
Zr-97(n,6nd)Y-90g	TALYS-6a	0		6
Zr-97(n,6nd)Y-90m	TALYS-6a	0		6
Zr-97(n,3nt)Y-92	TALYS-6a	0	[8,7,8]	16
Zr-97(n,4nt)Y-91g	TALYS-6a	0		13
Zr-97(n,4nt)Y-91m	TALYS-6a	0		12
Zr-97(n,5nt)Y-90g	TALYS-6a	0		9
Zr-97(n,5nt)Y-90m	TALYS-6a	0		8
Zr-97(n,6nt)Y-89g	TALYS-6a	0		5
Zr-97(n,6nt)Y-89m	TALYS-6a	0		5
Zr-97(n,2nh)Sr-93	TALYS-6a	0	[8,7,8]	17
Zr-97(n,3nh)Sr-92	TALYS-6a	0	[8,7,8]	14
Zr-97(n,4nh)Sr-91	TALYS-6a	0	[8]	11
Zr-97(n,3n2p)Sr-93	TALYS-6a	0	[8,7,8]	13
Zr-97(n,3n2a)Kr-87	TALYS-6a	0	[8]	15
Zr-97(n,3npa)Rb-90g	TALYS-6a	0		13
Zr-97(n,3npa)Rb-90m	TALYS-6a	0		13
Zr-97(n,n'pd)Sr-94	TALYS-6a	0	[8]	18
Zr-97(n,n'pt)Sr-93	TALYS-6a	0	[8,7,8]	17
Zr-97(n,n'dt)Sr-92	TALYS-6a	0	[8,7,8]	15
Zr-97(n,n'ta)Rb-90g	TALYS-6a	0		18
Zr-97(n,n'ta)Rb-90m	TALYS-6a	0		18
Zr-97(n,2n2p)Sr-94	TALYS-6a	0	[8]	16
Zr-97(n,4n2p)Sr-92	TALYS-6a	0	[8,7,8]	10
Zr-97(n,4n2a)Kr-86	TALYS-6a	0	[8]	12
Zr-97(n,4npa)Rb-89	TALYS-6a	0	[8]	11
Nb-90(n,n')Nb-90m	TALYS-6a	0		89
+Nb-90(n,n')Nb-90n	TALYS-6a	0	[7,8]	87
Nb-90(n,2nd)Zr-87g	TALYS-6a	0		21
Nb-90(n,2nd)Zr-87m	TALYS-6a	0		21
Nb-90(n,2n)Nb-89g	TALYS-6a	0		41
Nb-90(n,2n)Nb-89m	TALYS-6a	0		41
Nb-90(n,3n)Nb-88g	TALYS-6a	0	[4]	24
Nb-90(n,3n)Nb-88m	TALYS-6a	0	[4,7,8]	24
Nb-90(n,n'a)Y-86g	TALYS-6a	0		45
Nb-90(n,n'a)Y-86m	TALYS-6a	0		45
Nb-90(n,n'3a)Br-78	TALYS-6a	0	[8]	14
Nb-90(n,2na)Y-85g	TALYS-6a	0		28
Nb-90(n,2na)Y-85m	TALYS-6a	0		29
Nb-90(n,3na)Y-84g	TALYS-6a	0	[4,8,7,8]	16
Nb-90(n,3na)Y-84m	TALYS-6a	0	[4,7,8,8]	15
Nb-90(n,n'p)Zr-89g	TALYS-6a	0		58
Nb-90(n,n'p)Zr-89m	TALYS-6a	0		55
Nb-90(n,n'2a)Rb-82g	TALYS-6a	0		26
Nb-90(n,n'2a)Rb-82m	TALYS-6a	0		27
Nb-90(n,2n2a)Rb-81g	TALYS-6a	0		18
Nb-90(n,2n2a)Rb-81m	TALYS-6a	0		18
Nb-90(n,n'd)Zr-88	TALYS-6a	0	[8]	35
Nb-90(n,n't)Zr-87g	TALYS-6a	0		27
Nb-90(n,n't)Zr-87m	TALYS-6a	0		27
Nb-90(n,n'h)Y-87g	TALYS-6a	0		29
Nb-90(n,n'h)Y-87m	TALYS-6a	0		29
Nb-90(n,n'd2a)Kr-80	TALYS-6a	0	[8]	14
Nb-90(n,n't2a)Kr-79g	TALYS-6a	0		10
Nb-90(n,n't2a)Kr-79m	TALYS-6a	0		10
Nb-90(n,4n)Nb-87g	TALYS-6a	0		15
Nb-90(n,4n)Nb-87m	TALYS-6a	0		15
Nb-90(n,2np)Zr-88	TALYS-6a	0		32
Nb-90(n,3np)Zr-87g	TALYS-6a	0		19
Nb-90(n,3np)Zr-87m	TALYS-6a	0		19
Nb-90(n,n'2p)Y-88	TALYS-6a	0	[8]	32
Nb-90(n,n'pa)Sr-85g	TALYS-6a	0		31
Nb-90(n,n'pa)Sr-85m	TALYS-6a	0		30
Nb-90(n,g)Nb-91g	MASGAM	0	[14,13,4,6]	83
Nb-90(n,g)Nb-91m	MASGAM	0	[14,13,4,6]	83
Nb-90(n,p)Zr-90g	TALYS-6a	0	[2]	100
Nb-90(n,p)Zr-90m	TALYS-6a	0	[2]	100
Nb-90(n,d)Zr-89g	TALYS-6a	0		68
Nb-90(n,d)Zr-89m	TALYS-6a	0		66
Nb-90(n,t)Zr-88	TALYS-6a	0	[8]	50
Nb-90(n,h)Y-88	TALYS-6a	0	[8]	46
Nb-90(n,a)Y-87g	TALYS-6a	0	[2]	100
Nb-90(n,a)Y-87m	TALYS-6a	0	[2]	100
Nb-90(n,2a)Rb-83	TALYS-6a	0	[8]	45
Nb-90(n,3a)Br-79g	TALYS-6a	0		24
Nb-90(n,3a)Br-79m	TALYS-6a	0		24
Nb-90(n,2p)Y-89g	TALYS-6a	0		70
Nb-90(n,2p)Y-89m	TALYS-6a	0		66
Nb-90(n,pa)Sr-86	TALYS-6a	0		100
Nb-90(n,t2a)Kr-80	TALYS-6a	0	[8]	16
Nb-90(n,d2a)Kr-81g	TALYS-6a	0		18
Nb-90(n,d2a)Kr-81m	TALYS-6a	0		17
Nb-90(n,pd)Y-88	TALYS-6a	0	[8]	35
Nb-90(n,pt)Y-87g	TALYS-6a	0		30
Nb-90(n,pt)Y-87m	TALYS-6a	0		30
Nb-90(n,da)Sr-85g	TALYS-6a	0		33
Nb-90(n,da)Sr-85m	TALYS-6a	0		31
+Nb-90(n,5n)Nb-86g	TALYS-6a	0	[4]	9
+Nb-90(n,5n)Nb-86m	TALYS-6a	0	[4,7,8]	8
Nb-90(n,2nt)Zr-86	TALYS-6a	0	[8]	17
Nb-90(n,ta)Sr-84	TALYS-6a	0	[8]	29
Nb-90(n,4np)Zr-86	TALYS-6a	0		13
Nb-90(n,3nd)Zr-86	TALYS-6a	0		14
Nb-90(n,n'da)Sr-84	TALYS-6a	0	[8]	23
Nb-90(n,2npa)Sr-84	TALYS-6a	0	[8]	22
Nb-90(n,5np)Zr-85g	TALYS-6a	0		7
Nb-90(n,5np)Zr-85m	TALYS-6a	0		7
Nb-90(n,4na)Y-83g	TALYS-6a	0		11
Nb-90(n,4na)Y-83m	TALYS-6a	0		11
Nb-90(n,4nd)Zr-85g	TALYS-6a	0		7
Nb-90(n,4nd)Zr-85m	TALYS-6a	0		7
Nb-90(n,3nt)Zr-85g	TALYS-6a	0		10
Nb-90(n,3nt)Zr-85m	TALYS-6a	0		10
Nb-90(n,4nt)Zr-84	TALYS-6a	0	[8]	5
Nb-90(n,2nh)Y-86g	TALYS-6a	0		17
Nb-90(n,2nh)Y-86m	TALYS-6a	0		17
Nb-90(n,3nh)Y-85g	TALYS-6a	0		12
Nb-90(n,3nh)Y-85m	TALYS-6a	0		12
Nb-90(n,4nh)Y-84g	TALYS-6a	0	[4,8,7,8]	6
Nb-90(n,4nh)Y-84m	TALYS-6a	0	[4,7,8,8]	5
Nb-90(n,3n2p)Y-86g	TALYS-6a	0		13
Nb-90(n,3n2p)Y-86m	TALYS-6a	0		13
Nb-90(n,3n2a)Rb-80	TALYS-6a	0	[8]	11
Nb-90(n,3npa)Sr-83g	TALYS-6a	0		13
Nb-90(n,3npa)Sr-83m	TALYS-6a	0		13
Nb-90(n,dt)Y-86g	TALYS-6a	0		19
Nb-90(n,dt)Y-86m	TALYS-6a	0		18
Nb-90(n,n'pd)Y-87g	TALYS-6a	0		24
Nb-90(n,n'pd)Y-87m	TALYS-6a	0		23
Nb-90(n,n'pt)Y-86g	TALYS-6a	0		18
Nb-90(n,n'pt)Y-86m	TALYS-6a	0		18
Nb-90(n,n'dt)Y-85g	TALYS-6a	0		13
Nb-90(n,n'dt)Y-85m	TALYS-6a	0		13
Nb-90(n,n'ph)Sr-86	TALYS-6a	0	[8]	21
Nb-90(n,n'dh)Sr-85g	TALYS-6a	0		13
Nb-90(n,n'dh)Sr-85m	TALYS-6a	0		13
Nb-90(n,n'th)Sr-84	TALYS-6a	0	[8]	11
Nb-90(n,n'ta)Sr-83g	TALYS-6a	0		17
Nb-90(n,n'ta)Sr-83m	TALYS-6a	0		16
Nb-90(n,2n2p)Y-87g	TALYS-6a	0		22
Nb-90(n,2n2p)Y-87m	TALYS-6a	0		22
Nb-90(n,ph)Sr-87g	TALYS-6a	0		30
Nb-90(n,ph)Sr-87m	TALYS-6a	0		29
Nb-90(n,dh)Sr-86	TALYS-6a	0	[8]	21
Nb-90(n,ha)Rb-84g	TALYS-6a	0		24
Nb-90(n,ha)Rb-84m	TALYS-6a	0		25
Nb-90(n,4n2p)Y-85g	TALYS-6a	0		9
Nb-90(n,4n2p)Y-85m	TALYS-6a	0		9
Nb-90(n,4npa)Sr-82	TALYS-6a	0	[8]	8
Nb-90(n,3p)Sr-88	TALYS-6a	0	[8]	36
Nb-90(n,n'3p)Sr-87g	TALYS-6a	0		23
Nb-90(n,n'3p)Sr-87m	TALYS-6a	0		22
Nb-90(n,3n2pa)Rb-82g	TALYS-6a	0		7
Nb-90(n,3n2pa)Rb-82m	TALYS-6a	0		8
Nb-91(n,n')Nb-91m	TALYS-6a	0		89
Nb-91(n,2nd)Zr-88	TALYS-6a	0	[8]	21
>Nb-91(n,2n)Nb-90g	TALYS-6a	0	[4]	37
>Nb-91(n,2n)Nb-90m	TALYS-6a	0	[4,7,8]	36
+Nb-91(n,2n)Nb-90n	TALYS-6a	0	[4,7,8]	35
Nb-91(n,3n)Nb-89g	TALYS-6a	0		24
Nb-91(n,3n)Nb-89m	TALYS-6a	0		24
Nb-91(n,n'a)Y-87g	TALYS-6a	0		45
Nb-91(n,n'a)Y-87m	TALYS-6a	0		44
Nb-91(n,n'3a)Br-79g	TALYS-6a	0		14
Nb-91(n,n'3a)Br-79m	TALYS-6a	0		14
Nb-91(n,2na)Y-86g	TALYS-6a	0		26
Nb-91(n,2na)Y-86m	TALYS-6a	0		26
Nb-91(n,3na)Y-85g	TALYS-6a	0		16
Nb-91(n,3na)Y-85m	TALYS-6a	0		16
Nb-91(n,n'p)Zr-90g	TALYS-6a	0		57
Nb-91(n,n'p)Zr-90m	TALYS-6a	0		46
Nb-91(n,n'2a)Rb-83	TALYS-6a	0	[8]	26
Nb-91(n,2n2a)Rb-82g	TALYS-6a	0		15
Nb-91(n,2n2a)Rb-82m	TALYS-6a	0		15
Nb-91(n,n'd)Zr-89g	TALYS-6a	0		31
Nb-91(n,n'd)Zr-89m	TALYS-6a	0		30
Nb-91(n,n't)Zr-88	TALYS-6a	0	[8]	27
Nb-91(n,n'h)Y-88	TALYS-6a	0	[8]	26
Nb-91(n,n'd2a)Kr-81g	TALYS-6a	0		11
Nb-91(n,n'd2a)Kr-81m	TALYS-6a	0		11
Nb-91(n,4n)Nb-88g	TALYS-6a	0	[4]	14
Nb-91(n,4n)Nb-88m	TALYS-6a	0	[4,7,8]	14
Nb-91(n,2np)Zr-89g	TALYS-6a	0		29
Nb-91(n,2np)Zr-89m	TALYS-6a	0		28
Nb-91(n,3np)Zr-88	TALYS-6a	0	[8]	19
Nb-91(n,n'2p)Y-89g	TALYS-6a	0		31
Nb-91(n,n'2p)Y-89m	TALYS-6a	0		30
Nb-91(n,n'pa)Sr-86	TALYS-6a	0	[8]	30
Nb-91(n,g)Nb-92g	MASGAM	0	[14,13,4,6]	83
Nb-91(n,g)Nb-92m	MASGAM	0	[14,13,4,6]	83
Nb-91(n,p)Zr-91	TALYS-6a	0	[2]	100
Nb-91(n,d)Zr-90g	TALYS-6a	0		67
Nb-91(n,d)Zr-90m	TALYS-6a	0		55
Nb-91(n,t)Zr-89g	TALYS-6a	0		42
Nb-91(n,t)Zr-89m	TALYS-6a	0		41
Nb-91(n,h)Y-89g	TALYS-6a	0		44
Nb-91(n,h)Y-89m	TALYS-6a	0		44
Nb-91(n,a)Y-88	TALYS-6a	0	[2]	100
Nb-91(n,2a)Rb-84g	TALYS-6a	0		37
Nb-91(n,2a)Rb-84m	TALYS-6a	0		37
Nb-91(n,2p)Y-90g	TALYS-6a	0		44
Nb-91(n,2p)Y-90m	TALYS-6a	0		43
Nb-91(n,pa)Sr-87g	TALYS-6a	0		48
Nb-91(n,pa)Sr-87m	TALYS-6a	0		45
Nb-91(n,d2a)Kr-82	TALYS-6a	0	[8]	17
Nb-91(n,pd)Y-89g	TALYS-6a	0		34
Nb-91(n,pd)Y-89m	TALYS-6a	0		32
Nb-91(n,pt)Y-88	TALYS-6a	0	[8]	27
Nb-91(n,da)Sr-86	TALYS-6a	0	[8]	31
Nb-91(n,5n)Nb-87g	TALYS-6a	0		9
Nb-91(n,5n)Nb-87m	TALYS-6a	0		9
Nb-91(n,2nt)Zr-87g	TALYS-6a	0		16
Nb-91(n,2nt)Zr-87m	TALYS-6a	0		15
Nb-91(n,ta)Sr-85g	TALYS-6a	0		26
Nb-91(n,ta)Sr-85m	TALYS-6a	0		25
Nb-91(n,4np)Zr-87g	TALYS-6a	0		12
Nb-91(n,4np)Zr-87m	TALYS-6a	0		12
Nb-91(n,3nd)Zr-87g	TALYS-6a	0		13

Reaction	Library			Value
Nb-91(n,3nd)Zr-87m	TALYS-6a	0		12
Nb-91(n,n'da)Sr-85g	TALYS-6a	0		20
Nb-91(n,n'da)Sr-85m	TALYS-6a	0		19
Nb-91(n,2npa)Sr-85g	TALYS-6a	0		18
Nb-91(n,2npa)Sr-85m	TALYS-6a	0		18
Nb-91(n,5np)Zr-86	TALYS-6a	0		7
Nb-91(n,4na)Y-84g	TALYS-6a	0	[4,8,7,8]	10
Nb-91(n,4na)Y-84m	TALYS-6a	0	[4,7,8,8]	9
Nb-91(n,4nd)Zr-86	TALYS-6a	0		8
Nb-91(n,3nt)Zr-86	TALYS-6a	0		11
Nb-91(n,2nh)Y-87g	TALYS-6a	0		17
Nb-91(n,2nh)Y-87m	TALYS-6a	0		16
Nb-91(n,3nh)Y-86g	TALYS-6a	0		11
Nb-91(n,3nh)Y-86m	TALYS-6a	0		11
Nb-91(n,4nh)Y-85g	TALYS-6a	0		6
Nb-91(n,4nh)Y-85m	TALYS-6a	0		6
Nb-91(n,3n2p)Y-87g	TALYS-6a	0		13
Nb-91(n,3n2p)Y-87m	TALYS-6a	0		13
Nb-91(n,3n2a)Rb-81g	TALYS-6a	0		11
Nb-91(n,3n2a)Rb-81m	TALYS-6a	0		11
Nb-91(n,3npa)Sr-84	TALYS-6a	0	[8]	13
Nb-91(n,dt)Y-87g	TALYS-6a	0		18
Nb-91(n,dt)Y-87m	TALYS-6a	0		18
Nb-91(n,n'pd)Y-88	TALYS-6a	0	[8]	21
Nb-91(n,n'pt)Y-87g	TALYS-6a	0		17
Nb-91(n,n'pt)Y-87m	TALYS-6a	0		17
Nb-91(n,n'dt)Y-86g	TALYS-6a	0		11
Nb-91(n,n'dt)Y-86m	TALYS-6a	0		11
Nb-91(n,n'ph)Sr-87g	TALYS-6a	0		17
Nb-91(n,n'ph)Sr-87m	TALYS-6a	0		17
Nb-91(n,n'dh)Sr-86	TALYS-6a	0	[8]	13
Nb-91(n,n'ta)Sr-84	TALYS-6a	0	[8]	17
Nb-91(n,2n2p)Y-88	TALYS-6a	0	[8]	19
Nb-91(n,ph)Sr-88	TALYS-6a	0	[8]	29
Nb-91(n,dh)Sr-87g	TALYS-6a	0		18
Nb-91(n,dh)Sr-87m	TALYS-6a	0		17
Nb-91(n,ha)Rb-85	TALYS-6a	0	[8]	23
Nb-91(n,4n2p)Y-86g	TALYS-6a	0		7
Nb-91(n,4n2p)Y-86m	TALYS-6a	0		7
Nb-91(n,4npa)Sr-83g	TALYS-6a	0		7
Nb-91(n,4npa)Sr-83m	TALYS-6a	0		7
Nb-91(n,3p)Sr-89	TALYS-6a	0	[8]	27
Nb-91(n,n'3p)Sr-88	TALYS-6a	0	[8]	21
Nb-91m(n,n')Nb-91g	TALYS-6a	0	[8,8]	97
Nb-91m(n,2nd)Zr-88	TALYS-6a	0	[8]	21
>Nb-91m(n,2n)Nb-90g	TALYS-6a	0	[4,15]	37
>Nb-91m(n,2n)Nb-90m	TALYS-6a	0	[4,7,8]	36
+Nb-91m(n,2n)Nb-90n	TALYS-6a	0	[4,7,8]	36
Nb-91m(n,3n)Nb-89g	TALYS-6a	0		24
Nb-91m(n,3n)Nb-89m	TALYS-6a	0		24
Nb-91m(n,n'a)Y-87g	TALYS-6a	0		45
Nb-91m(n,n'a)Y-87m	TALYS-6a	0		44
Nb-91m(n,n'3a)Br-79g	TALYS-6a	0		14
Nb-91m(n,n'3a)Br-79m	TALYS-6a	0		14
Nb-91m(n,2na)Y-86g	TALYS-6a	0		26
Nb-91m(n,2na)Y-86m	TALYS-6a	0		26
Nb-91m(n,3na)Y-85g	TALYS-6a	0		16
Nb-91m(n,3na)Y-85m	TALYS-6a	0		16
Nb-91m(n,n'p)Zr-90g	TALYS-6a	0		58
Nb-91m(n,n'p)Zr-90m	TALYS-6a	0		46
Nb-91m(n,n'2a)Rb-83	TALYS-6a	0	[8]	26
Nb-91m(n,2n2a)Rb-82g	TALYS-6a	0		15
Nb-91m(n,2n2a)Rb-82m	TALYS-6a	0		15
Nb-91m(n,n'd)Zr-89g	TALYS-6a	0		31
Nb-91m(n,n'd)Zr-89m	TALYS-6a	0		30
Nb-91m(n,n't)Zr-88	TALYS-6a	0	[8]	27
Nb-91m(n,n'h)Y-88	TALYS-6a	0	[8]	26
Nb-91m(n,n'd2a)Kr-81g	TALYS-6a	0		11
Nb-91m(n,n'd2a)Kr-81m	TALYS-6a	0		11
Nb-91m(n,4n)Nb-88g	TALYS-6a	0	[4]	14
Nb-91m(n,4n)Nb-88m	TALYS-6a	0	[4,7,8]	14
Nb-91m(n,2np)Zr-89g	TALYS-6a	0		29
Nb-91m(n,2np)Zr-89m	TALYS-6a	0		28
Nb-91m(n,3np)Zr-88	TALYS-6a	0		20
Nb-91m(n,n'2p)Y-89g	TALYS-6a	0		31
Nb-91m(n,n'2p)Y-89m	TALYS-6a	0		30
Nb-91m(n,n'pa)Sr-86	TALYS-6a	0	[8]	30
Nb-91m(n,g)Nb-92g	MASGAM	0	[14,13,4,6]	83
Nb-91m(n,g)Nb-92m	MASGAM	0	[14,13,4,6]	83
Nb-91m(n,p)Zr-91	TALYS-6a	0	[2]	100
Nb-91m(n,d)Zr-90g	TALYS-6a	0		68
Nb-91m(n,d)Zr-90m	TALYS-6a	0		56
Nb-91m(n,t)Zr-89g	TALYS-6a	0		42
Nb-91m(n,t)Zr-89m	TALYS-6a	0		41
Nb-91m(n,h)Y-89g	TALYS-6a	0		45
Nb-91m(n,h)Y-89m	TALYS-6a	0		43
Nb-91m(n,a)Y-88	TALYS-6a	0	[2]	100
Nb-91m(n,2a)Rb-84g	TALYS-6a	0		37
Nb-91m(n,2a)Rb-84m	TALYS-6a	0		37
Nb-91m(n,2p)Y-90g	TALYS-6a	0		45
Nb-91m(n,2p)Y-90m	TALYS-6a	0		43
Nb-91m(n,pa)Sr-87g	TALYS-6a	0		48
Nb-91m(n,pa)Sr-87m	TALYS-6a	0		45
Nb-91m(n,d2a)Kr-82	TALYS-6a	0	[8]	17
Nb-91m(n,pd)Y-89g	TALYS-6a	0		34
Nb-91m(n,pd)Y-89m	TALYS-6a	0		32
Nb-91m(n,pt)Y-88	TALYS-6a	0	[8]	27
Nb-91m(n,da)Sr-86	TALYS-6a	0	[8]	31
Nb-91m(n,5n)Nb-87g	TALYS-6a	0		9
Nb-91m(n,5n)Nb-87m	TALYS-6a	0		9
Nb-91m(n,2nt)Zr-87g	TALYS-6a	0		16
Nb-91m(n,2nt)Zr-87m	TALYS-6a	0		15
Nb-91m(n,ta)Sr-85g	TALYS-6a	0		26
Nb-91m(n,ta)Sr-85m	TALYS-6a	0		25
Nb-91m(n,4np)Zr-87g	TALYS-6a	0		12
Nb-91m(n,4np)Zr-87m	TALYS-6a	0		12
Nb-91m(n,3nd)Zr-87g	TALYS-6a	0		13
Nb-91m(n,3nd)Zr-87m	TALYS-6a	0		12
Nb-91m(n,n'da)Sr-85g	TALYS-6a	0		20
Nb-91m(n,n'da)Sr-85m	TALYS-6a	0		19
Nb-91m(n,2npa)Sr-85g	TALYS-6a	0		18
Nb-91m(n,2npa)Sr-85m	TALYS-6a	0		18
Nb-91m(n,5np)Zr-86	TALYS-6a	0		7
Nb-91m(n,4na)Y-84g	TALYS-6a	0	[4,8,7,8]	10
Nb-91m(n,4na)Y-84m	TALYS-6a	0	[4,7,8,8]	9
Nb-91m(n,4nd)Zr-86	TALYS-6a	0		8
Nb-91m(n,3nt)Zr-86	TALYS-6a	0		11
Nb-91m(n,2nh)Y-87g	TALYS-6a	0		17
Nb-91m(n,2nh)Y-87m	TALYS-6a	0		17
Nb-91m(n,3nh)Y-86g	TALYS-6a	0		11
Nb-91m(n,3nh)Y-86m	TALYS-6a	0		11
Nb-91m(n,4nh)Y-85g	TALYS-6a	0		6
Nb-91m(n,4nh)Y-85m	TALYS-6a	0		6
Nb-91m(n,3n2p)Y-87g	TALYS-6a	0		13
Nb-91m(n,3n2p)Y-87m	TALYS-6a	0		13
Nb-91m(n,3n2a)Rb-81g	TALYS-6a	0		11
Nb-91m(n,3n2a)Rb-81m	TALYS-6a	0		11
Nb-91m(n,3npa)Sr-84	TALYS-6a	0	[8]	13
Nb-91m(n,dt)Y-87g	TALYS-6a	0		19
Nb-91m(n,dt)Y-87m	TALYS-6a	0		18
Nb-91m(n,n'pd)Y-88	TALYS-6a	0	[8]	21
Nb-91m(n,n'pt)Y-87g	TALYS-6a	0		17
Nb-91m(n,n'pt)Y-87m	TALYS-6a	0		17
Nb-91m(n,n'dt)Y-86g	TALYS-6a	0		12
Nb-91m(n,n'dt)Y-86m	TALYS-6a	0		12
Nb-91m(n,n'ph)Sr-87g	TALYS-6a	0		17
Nb-91m(n,n'ph)Sr-87m	TALYS-6a	0		17
Nb-91m(n,n'dh)Sr-86	TALYS-6a	0	[8]	13
Nb-91m(n,n'ta)Sr-84	TALYS-6a	0	[8]	17
Nb-91m(n,2n2p)Y-88	TALYS-6a	0	[8]	19
Nb-91m(n,ph)Sr-88	TALYS-6a	0	[8]	29
Nb-91m(n,dh)Sr-87g	TALYS-6a	0		18
Nb-91m(n,dh)Sr-87m	TALYS-6a	0		17
Nb-91m(n,ha)Rb-85	TALYS-6a	0	[8]	23
Nb-91m(n,4n2p)Y-86g	TALYS-6a	0		7
Nb-91m(n,4n2p)Y-86m	TALYS-6a	0		7
Nb-91m(n,4npa)Sr-83g	TALYS-6a	0		7
Nb-91m(n,4npa)Sr-83m	TALYS-6a	0		7
Nb-91m(n,3p)Sr-89	TALYS-6a	0	[8]	27
Nb-91m(n,n'3p)Sr-88	TALYS-6a	0	[8]	22
Nb-92(n,n')Nb-92m	TALYS-6a	0		89
Nb-92(n,2nd)Zr-89g	TALYS-6a	0		23
Nb-92(n,2nd)Zr-89m	TALYS-6a	0		22
Nb-92(n,2n)Nb-91g	TALYS-6a	0		46
Nb-92(n,2n)Nb-91m	TALYS-6a	0		45
Nb-92(n,3n)Nb-90g	TALYS-6a	0	[4]	26
Nb-92(n,3n)Nb-90m	TALYS-6a	0	[4,7,8]	26
+Nb-92(n,3n)Nb-90n	TALYS-6a	0	[4,7,8]	25
Nb-92(n,n'a)Y-88	TALYS-6a	0	[8]	50
Nb-92(n,n'3a)Br-80g	TALYS-6a	0		13
Nb-92(n,n'3a)Br-80m	TALYS-6a	0		13
Nb-92(n,2na)Y-87g	TALYS-6a	0		30
Nb-92(n,2na)Y-87m	TALYS-6a	0		29
Nb-92(n,3na)Y-86g	TALYS-6a	0		18
Nb-92(n,3na)Y-86m	TALYS-6a	0		18
Nb-92(n,n'p)Zr-91	TALYS-6a	0	[8]	54
Nb-92(n,n'2a)Rb-84g	TALYS-6a	0		26
Nb-92(n,n'2a)Rb-84m	TALYS-6a	0		26
Nb-92(n,2n2a)Rb-83	TALYS-6a	0	[8]	17
Nb-92(n,n'd)Zr-90g	TALYS-6a	0		38
Nb-92(n,n'd)Zr-90m	TALYS-6a	0		33
Nb-92(n,n't)Zr-89g	TALYS-6a	0		29
Nb-92(n,n't)Zr-89m	TALYS-6a	0		28
Nb-92(n,n'h)Y-89g	TALYS-6a	0		30
Nb-92(n,n'h)Y-89m	TALYS-6a	0		29
Nb-92(n,n'd2a)Kr-82	TALYS-6a	0	[8]	12
Nb-92(n,4n)Nb-89g	TALYS-6a	0		16
Nb-92(n,4n)Nb-89m	TALYS-6a	0		16
Nb-92(n,2np)Zr-90g	TALYS-6a	0		34
Nb-92(n,2np)Zr-90m	TALYS-6a	0		31
Nb-92(n,3np)Zr-89g	TALYS-6a	0		21
Nb-92(n,3np)Zr-89m	TALYS-6a	0		20
Nb-92(n,n'2p)Y-90g	TALYS-6a	0		30
Nb-92(n,n'2p)Y-90m	TALYS-6a	0		29
Nb-92(n,n'pa)Sr-87g	TALYS-6a	0		31
Nb-92(n,n'pa)Sr-87m	TALYS-6a	0		30
Nb-92(n,g)Nb-93g	MASGAM	0	[14,13,4,6]	83
Nb-92(n,g)Nb-93m	MASGAM	0	[14,13,4,6]	83
Nb-92(n,p)Zr-92	TALYS-6a	0	[2]	100
Nb-92(n,d)Zr-91	TALYS-6a	0	[8]	63
Nb-92(n,t)Zr-90g	TALYS-6a	0		57
Nb-92(n,t)Zr-90m	TALYS-6a	0		46
Nb-92(n,h)Y-90g	TALYS-6a	0		42
Nb-92(n,h)Y-90m	TALYS-6a	0		41
Nb-92(n,a)Y-89g	TALYS-6a	0	[2]	100
Nb-92(n,a)Y-89m	TALYS-6a	0	[2]	100
Nb-92(n,2a)Rb-85	TALYS-6a	0	[8]	43
Nb-92(n,2p)Y-91g	TALYS-6a	0		44
Nb-92(n,2p)Y-91m	TALYS-6a	0		43
Nb-92(n,pa)Sr-88	TALYS-6a	0	[8]	64
Nb-92(n,pd)Y-90g	TALYS-6a	0		31
Nb-92(n,pd)Y-90m	TALYS-6a	0		31
Nb-92(n,pt)Y-89g	TALYS-6a	0		31
Nb-92(n,pt)Y-89m	TALYS-6a	0		30
Nb-92(n,da)Sr-87g	TALYS-6a	0		33
Nb-92(n,da)Sr-87m	TALYS-6a	0		31
Nb-92(n,5n)Nb-88g	TALYS-6a	0	[4]	10
Nb-92(n,5n)Nb-88m	TALYS-6a	0	[4,7,8]	10
Nb-92(n,6n)Nb-87g	TALYS-6a	0		5
Nb-92(n,6n)Nb-87m	TALYS-6a	0		5
Nb-92(n,2nt)Zr-88	TALYS-6a	0	[8]	19
Nb-92(n,ta)Sr-86	TALYS-6a	0	[8]	29
Nb-92(n,4np)Zr-88	TALYS-6a	0		14
Nb-92(n,3nd)Zr-88	TALYS-6a	0		15
Nb-92(n,n'da)Sr-86	TALYS-6a	0	[8]	23
Nb-92(n,2npa)Sr-86	TALYS-6a	0	[8]	22
Nb-92(n,5np)Zr-87g	TALYS-6a	0		8
Nb-92(n,5np)Zr-87m	TALYS-6a	0		8

Reaction	Library	Flag	Refs	Value
Nb-92(n,4na)Y-85g	TALYS-6a	0		12
Nb-92(n,4na)Y-85m	TALYS-6a	0		12
Nb-92(n,5na)Y-84g	TALYS-6a	0	[4,8,7,8]	5
Nb-92(n,5na)Y-84m	TALYS-6a	0	[4,7,8,8]	4
Nb-92(n,4nd)Zr-87g	TALYS-6a	0		9
Nb-92(n,4nd)Zr-87m	TALYS-6a	0		9
Nb-92(n,3nt)Zr-87g	TALYS-6a	0		12
Nb-92(n,3nt)Zr-87m	TALYS-6a	0		11
Nb-92(n,4nt)Zr-86	TALYS-6a	0		7
Nb-92(n,2nh)Y-88	TALYS-6a	0	[8]	18
Nb-92(n,3nh)Y-87g	TALYS-6a	0		13
Nb-92(n,3nh)Y-87m	TALYS-6a	0		13
Nb-92(n,4nh)Y-86g	TALYS-6a	0		7
Nb-92(n,4nh)Y-86m	TALYS-6a	0		7
Nb-92(n,3n2p)Y-88	TALYS-6a	0	[8]	14
Nb-92(n,3n2a)Rb-82g	TALYS-6a	0		11
Nb-92(n,3n2a)Rb-82m	TALYS-6a	0		11
Nb-92(n,3npa)Sr-85g	TALYS-6a	0		13
Nb-92(n,3npa)Sr-85m	TALYS-6a	0		13
Nb-92(n,dt)Y-88	TALYS-6a	0	[8]	20
Nb-92(n,n'pd)Y-89g	TALYS-6a	0		25
Nb-92(n,n'pd)Y-89m	TALYS-6a	0		24
Nb-92(n,n'pt)Y-88	TALYS-6a	0	[8]	19
Nb-92(n,n'dt)Y-87g	TALYS-6a	0		14
Nb-92(n,n'dt)Y-87m	TALYS-6a	0		13
Nb-92(n,n'ph)Sr-88	TALYS-6a	0	[8]	20
Nb-92(n,n'dh)Sr-87g	TALYS-6a	0		13
Nb-92(n,n'dh)Sr-87m	TALYS-6a	0		13
Nb-92(n,n'th)Sr-86	TALYS-6a	0	[8]	11
Nb-92(n,n'ta)Sr-85g	TALYS-6a	0		17
Nb-92(n,n'ta)Sr-85m	TALYS-6a	0		17
Nb-92(n,2n2p)Y-89g	TALYS-6a	0		23
Nb-92(n,2n2p)Y-89m	TALYS-6a	0		22
Nb-92(n,ph)Sr-89	TALYS-6a	0	[8]	26
Nb-92(n,ha)Rb-86g	TALYS-6a	0		23
Nb-92(n,ha)Rb-86m	TALYS-6a	0		23
Nb-92(n,4n2p)Y-87g	TALYS-6a	0		9
Nb-92(n,4n2p)Y-87m	TALYS-6a	0		9
Nb-92(n,4npa)Sr-84	TALYS-6a	0	[8]	9
Nb-92(n,n'3p)Sr-89	TALYS-6a	0	[8]	19
Nb-92m(n,n')Nb-92	TALYS-6a	0	[8,8]	97
Nb-92m(n,2nd)Zr-89g	TALYS-6a	0		23
Nb-92m(n,2nd)Zr-89m	TALYS-6a	0		22
Nb-92m(n,2n)Nb-91g	TALYS-6a	0	[15]	46
Nb-92m(n,2n)Nb-91m	TALYS-6a	0		46
Nb-92m(n,3n)Nb-90g	TALYS-6a	0	[4]	26
Nb-92m(n,3n)Nb-90m	TALYS-6a	0	[4,7,8]	26
+Nb-92m(n,3n)Nb-90n	TALYS-6a	0	[4,7,8]	25
Nb-92m(n,n'a)Y-88	TALYS-6a	0	[8]	51
Nb-92m(n,n'3a)Br-80g	TALYS-6a	0		13
Nb-92m(n,n'3a)Br-80m	TALYS-6a	0		13
Nb-92m(n,2na)Y-87g	TALYS-6a	0		30
Nb-92m(n,2na)Y-87m	TALYS-6a	0		30
Nb-92m(n,3na)Y-86g	TALYS-6a	0		18
Nb-92m(n,3na)Y-86m	TALYS-6a	0		18
Nb-92m(n,n'p)Zr-91	TALYS-6a	0	[8]	54
Nb-92m(n,n'2a)Rb-84g	TALYS-6a	0		26
Nb-92m(n,n'2a)Rb-84m	TALYS-6a	0		26
Nb-92m(n,2n2a)Rb-83	TALYS-6a	0	[8]	17
Nb-92m(n,n'd)Zr-90g	TALYS-6a	0		38
Nb-92m(n,n'd)Zr-90m	TALYS-6a	0		34
Nb-92m(n,n't)Zr-89g	TALYS-6a	0		29
Nb-92m(n,n't)Zr-89m	TALYS-6a	0		28
Nb-92m(n,n'h)Y-89g	TALYS-6a	0		30
Nb-92m(n,n'h)Y-89m	TALYS-6a	0		29
Nb-92m(n,n'd2a)Kr-82	TALYS-6a	0	[8]	13
Nb-92m(n,4n)Nb-89g	TALYS-6a	0		16
Nb-92m(n,4n)Nb-89m	TALYS-6a	0		16
Nb-92m(n,2np)Zr-90g	TALYS-6a	0		35
Nb-92m(n,2np)Zr-90m	TALYS-6a	0		31
Nb-92m(n,3np)Zr-89g	TALYS-6a	0		21
Nb-92m(n,3np)Zr-89m	TALYS-6a	0		20
Nb-92m(n,n'2p)Y-90g	TALYS-6a	0		30
Nb-92m(n,n'2p)Y-90m	TALYS-6a	0		29
Nb-92m(n,n'pa)Sr-87g	TALYS-6a	0		31
Nb-92m(n,n'pa)Sr-87m	TALYS-6a	0		30
Nb-92m(n,g)Nb-93g	MASGAM	0	[14,13,4,6]	83
Nb-92m(n,g)Nb-93m	MASGAM	0	[14,13,4,6]	83
Nb-92m(n,p)Zr-92	TALYS-6a	0	[2]	100
Nb-92m(n,d)Zr-91	TALYS-6a	0	[8]	64
Nb-92m(n,t)Zr-90g	TALYS-6a	0		58
Nb-92m(n,t)Zr-90m	TALYS-6a	0		46
Nb-92m(n,h)Y-90g	TALYS-6a	0		43
Nb-92m(n,h)Y-90m	TALYS-6a	0		41
Nb-92m(n,a)Y-89g	TALYS-6a	0	[2]	100
Nb-92m(n,a)Y-89m	TALYS-6a	0	[2]	100
Nb-92m(n,2a)Rb-85	TALYS-6a	0	[8]	44
Nb-92m(n,2p)Y-91g	TALYS-6a	0		44
Nb-92m(n,2p)Y-91m	TALYS-6a	0		43
Nb-92m(n,pa)Sr-88	TALYS-6a	0	[8]	65
Nb-92m(n,pd)Y-90g	TALYS-6a	0		31
Nb-92m(n,pd)Y-90m	TALYS-6a	0		31
Nb-92m(n,pt)Y-89g	TALYS-6a	0		31
Nb-92m(n,pt)Y-89m	TALYS-6a	0		30
Nb-92m(n,da)Sr-87g	TALYS-6a	0		33
Nb-92m(n,da)Sr-87m	TALYS-6a	0		32
Nb-92m(n,5n)Nb-88g	TALYS-6a	0	[4]	10
Nb-92m(n,5n)Nb-88m	TALYS-6a	0	[4,7,8]	10
Nb-92m(n,6n)Nb-87g	TALYS-6a	0		5
Nb-92m(n,6n)Nb-87m	TALYS-6a	0		5
Nb-92m(n,2nt)Zr-88	TALYS-6a	0	[8]	19
Nb-92m(n,ta)Sr-86	TALYS-6a	0	[8]	30
Nb-92m(n,4np)Zr-88	TALYS-6a	0		14
Nb-92m(n,3nd)Zr-88	TALYS-6a	0		15
Nb-92m(n,n'da)Sr-86	TALYS-6a	0	[8]	23
Nb-92m(n,2npa)Sr-86	TALYS-6a	0	[8]	22
Nb-92m(n,5np)Zr-87g	TALYS-6a	0		8
Nb-92m(n,5np)Zr-87m	TALYS-6a	0		8
Nb-92m(n,4na)Y-85g	TALYS-6a	0		12

Reaction	Library	Flag	Refs	Value
Nb-92m(n,4na)Y-85m	TALYS-6a	0		12
Nb-92m(n,5na)Y-84g	TALYS-6a	0	[4,8,7,8]	6
Nb-92m(n,5na)Y-84m	TALYS-6a	0	[4,7,8,8]	5
Nb-92m(n,4nd)Zr-87g	TALYS-6a	0		9
Nb-92m(n,4nd)Zr-87m	TALYS-6a	0		9
Nb-92m(n,3nt)Zr-87g	TALYS-6a	0		12
Nb-92m(n,3nt)Zr-87m	TALYS-6a	0		11
Nb-92m(n,4nt)Zr-86	TALYS-6a	0		7
Nb-92m(n,2nh)Y-88	TALYS-6a	0	[8]	19
Nb-92m(n,3nh)Y-87g	TALYS-6a	0		13
Nb-92m(n,3nh)Y-87m	TALYS-6a	0		13
Nb-92m(n,4nh)Y-86g	TALYS-6a	0		7
Nb-92m(n,4nh)Y-86m	TALYS-6a	0		7
Nb-92m(n,3n2p)Y-88	TALYS-6a	0	[8]	14
Nb-92m(n,3n2a)Rb-82g	TALYS-6a	0		11
Nb-92m(n,3n2a)Rb-82m	TALYS-6a	0		11
Nb-92m(n,3npa)Sr-85g	TALYS-6a	0		13
Nb-92m(n,3npa)Sr-85m	TALYS-6a	0		13
Nb-92m(n,dt)Y-88	TALYS-6a	0	[8]	20
Nb-92m(n,n'pd)Y-89g	TALYS-6a	0		25
Nb-92m(n,n'pd)Y-89m	TALYS-6a	0		24
Nb-92m(n,n'pt)Y-88	TALYS-6a	0	[8]	19
Nb-92m(n,n'dt)Y-87g	TALYS-6a	0		14
Nb-92m(n,n'dt)Y-87m	TALYS-6a	0		13
Nb-92m(n,n'ph)Sr-88	TALYS-6a	0	[8]	21
Nb-92m(n,n'dh)Sr-87g	TALYS-6a	0		13
Nb-92m(n,n'dh)Sr-87m	TALYS-6a	0		13
Nb-92m(n,n'th)Sr-86	TALYS-6a	0	[8]	12
Nb-92m(n,n'ta)Sr-85g	TALYS-6a	0		18
Nb-92m(n,n'ta)Sr-85m	TALYS-6a	0		17
Nb-92m(n,2n2p)Y-89g	TALYS-6a	0		23
Nb-92m(n,2n2p)Y-89m	TALYS-6a	0		22
Nb-92m(n,ph)Sr-89	TALYS-6a	0	[8]	26
Nb-92m(n,ha)Rb-86g	TALYS-6a	0		23
Nb-92m(n,ha)Rb-86m	TALYS-6a	0		23
Nb-92m(n,4n2p)Y-87g	TALYS-6a	0		9
Nb-92m(n,4n2p)Y-87m	TALYS-6a	0		9
Nb-92m(n,4npa)Sr-84	TALYS-6a	0	[8]	9
Nb-92m(n,3p)Sr-90	TALYS-6a	0	[8]	27
Nb-92m(n,n'3p)Sr-89	TALYS-6a	0	[8]	19
Nb-93(n,n')Nb-93m	ADL-3	4	[13,4]	45
Nb-93(n,2nd)Zr-90g	TALYS-6a	0		26
Nb-93(n,2nd)Zr-90m	TALYS-6a	0		24
Nb-93(n,2n)Nb-92g	JENDL-3.2/A	4	[13]	38
Nb-93(n,2n)Nb-92m	JENDL-3.2/A	6	[13]	37
Nb-93(n,3n)Nb-91g	TALYS-6a	0		30
Nb-93(n,3n)Nb-91m	TALYS-5	5		29
Nb-93(n,n'a)Y-89g	TALYS-6a	0		64
Nb-93(n,n'a)Y-89m	JENDL-3.2/A	6	[13,4,7,8]	41
Nb-93(n,n'3a)Br-81	TALYS-6a	0	[8]	14
Nb-93(n,2na)Y-88	TALYS-6a	0	[8]	30
Nb-93(n,3na)Y-87g	TALYS-6a	0		21
Nb-93(n,3na)Y-87m	TALYS-6a	0		20
Nb-93(n,n'p)Zr-92	EFF-2.4	2	[13]	34
Nb-93(n,n'2a)Rb-85	TALYS-6a	0	[8]	28
Nb-93(n,2n2a)Rb-84g	TALYS-6a	0		16
Nb-93(n,2n2a)Rb-84m	TALYS-6a	0		16
Nb-93(n,n'd)Zr-91	TALYS-6a	0	[8]	35
Nb-93(n,n't)Zr-90g	TALYS-6a	0		32
Nb-93(n,n't)Zr-90m	TALYS-6a	0		29
Nb-93(n,n'h)Y-90g	TALYS-6a	0		28
Nb-93(n,n'h)Y-90m	TALYS-6a	0		27
Nb-93(n,n'd2a)Kr-83g	TALYS-6a	0		11
Nb-93(n,n'd2a)Kr-83m	TALYS-6a	0		11
Nb-93(n,4n)Nb-90g	TALYS-6a	0	[4]	17
Nb-93(n,4n)Nb-90m	TALYS-6a	0	[4,7,8]	17
+Nb-93(n,4n)Nb-90n	TALYS-6a	0	[4,7,8]	16
Nb-93(n,2np)Zr-91	TALYS-6a	0	[8]	31
Nb-93(n,3np)Zr-90g	TALYS-6a	0		24
Nb-93(n,3np)Zr-90m	TALYS-6a	0		22
Nb-93(n,n'2p)Y-91g	TALYS-6a	0		29
Nb-93(n,n'2p)Y-91m	TALYS-6a	0		28
Nb-93(n,n'pa)Sr-88	TALYS-6a	0	[8]	34
Nb-93(n,g)Nb-94g	ENDF/B-VI	4	[13,4,6] 29040	
Nb-93(n,g)Nb-94m	ENDF/B-VI	6	[13,4,6] 29040	
Nb-93(n,p)Zr-93	TALYS-5	2	[9,3] 22534	
>Nb-93(n,d)Zr-92	TALYS-5a	1	[3,8]	63
Nb-93(n,t)Zr-91	TALYS-5a	6	[3,8]	50
Nb-93(n,h)Y-91g	TALYS-5a	1		40
Nb-93(n,h)Y-91m	TALYS-6a	5		40
Nb-93(n,a)Y-90g	TALYS-5	5	[9,3,3] 22534	
Nb-93(n,a)Y-90m	TALYS-5	6	[9,3,3] 22534	
Nb-93(n,2a)Rb-86g	TALYS-6a	0		42
Nb-93(n,2a)Rb-86m	TALYS-6a	0		41
Nb-93(n,2p)Y-92	ADL-3	1	[13]	43
Nb-93(n,pa)Sr-89	TALYS-6a	0	[8]	51
Nb-93(n,pd)Y-91g	TALYS-6a	0		30
Nb-93(n,pd)Y-91m	TALYS-6a	0		30
Nb-93(n,pt)Y-90g	TALYS-6a	0		28
Nb-93(n,pt)Y-90m	TALYS-6a	0		28
Nb-93(n,da)Sr-88	TALYS-6a	0	[8]	38
Nb-93(n,5n)Nb-89g	TALYS-6a	0		12
Nb-93(n,5n)Nb-89m	TALYS-6a	0		12
Nb-93(n,6n)Nb-88g	TALYS-6a	0	[4]	6
Nb-93(n,6n)Nb-88m	TALYS-6a	0	[4,7,8]	6
Nb-93(n,2nt)Zr-89g	TALYS-6a	0		20
Nb-93(n,2nt)Zr-89m	TALYS-6a	0		19
Nb-93(n,ta)Sr-87g	TALYS-6a	0		29
Nb-93(n,ta)Sr-87m	TALYS-6a	0		28
Nb-93(n,4np)Zr-89g	TALYS-6a	0		14
Nb-93(n,4np)Zr-89m	TALYS-6a	0		14
Nb-93(n,3nd)Zr-89g	TALYS-6a	0		15
Nb-93(n,3nd)Zr-89m	TALYS-6a	0		15
Nb-93(n,n'da)Sr-87g	TALYS-6a	0		23

Reaction	Library			
Nb-93(n,n'da)Sr-87m	TALYS-6a	0		22
Nb-93(n,2npa)Sr-87g	TALYS-6a	0		21
Nb-93(n,2npa)Sr-87m	TALYS-6a	0		21
Nb-93(n,5np)Zr-88	TALYS-6a	0		10
Nb-93(n,4na)Y-86g	TALYS-6a	0		13
Nb-93(n,4na)Y-86m	TALYS-6a	0		12
Nb-93(n,5na)Y-85g	TALYS-6a	0		8
Nb-93(n,5na)Y-85m	TALYS-6a	0		8
Nb-93(n,4nd)Zr-88	TALYS-6a	0	[8]	10
Nb-93(n,5nd)Zr-87g	TALYS-6a	0		4
Nb-93(n,5nd)Zr-87m	TALYS-6a	0		4
Nb-93(n,3nt)Zr-88	TALYS-6a	0	[8]	13
Nb-93(n,4nt)Zr-87g	TALYS-6a	0		7
Nb-93(n,4nt)Zr-87m	TALYS-6a	0		7
Nb-93(n,2nh)Y-89g	TALYS-6a	0		21
Nb-93(n,2nh)Y-89m	TALYS-6a	0		20
Nb-93(n,3nh)Y-88	TALYS-6a	0	[8]	13
Nb-93(n,4nh)Y-87g	TALYS-6a	0		8
Nb-93(n,4nh)Y-87m	TALYS-6a	0		8
Nb-93(n,3n2p)Y-89g	TALYS-6a	0		15
Nb-93(n,3n2p)Y-89m	TALYS-6a	0		15
Nb-93(n,3n2a)Rb-83	TALYS-6a	0	[8]	12
Nb-93(n,3npa)Sr-86	TALYS-6a	0	[8]	14
Nb-93(n,dt)Y-89g	TALYS-6a	0		23
Nb-93(n,dt)Y-89m	TALYS-6a	0		22
Nb-93(n,n'pd)Y-90g	TALYS-6a	0		22
Nb-93(n,n'pd)Y-90m	TALYS-6a	0		22
Nb-93(n,n'pt)Y-89g	TALYS-6a	0		22
Nb-93(n,n'pt)Y-89m	TALYS-6a	0		21
Nb-93(n,n'dt)Y-88	TALYS-6a	0	[8]	14
Nb-93(n,n'ph)Sr-89	TALYS-6a	0	[8]	17
Nb-93(n,n'dh)Sr-88	TALYS-6a	0	[8]	14
Nb-93(n,n'ta)Sr-86	TALYS-6a	0	[8]	20
Nb-93(n,2n2p)Y-90g	TALYS-6a	0		21
Nb-93(n,2n2p)Y-90m	TALYS-6a	0		20
Nb-93(n,ha)Rb-87	TALYS-6a	0	[8]	26
Nb-93(n,4n2p)Y-88	TALYS-6a	0	[8]	9
Nb-93(n,4npa)Sr-85g	TALYS-6a	0		9
Nb-93(n,4npa)Sr-85m	TALYS-6a	0		8
Nb-93(n,n'3p)Sr-90	TALYS-6a	0	[8]	17
Nb-93m(n,n')Nb-93g	TALYS-6a	0	[8,8]	97
Nb-93m(n,2nd)Zr-90g	TALYS-6a	0		26
Nb-93m(n,2nd)Zr-90m	TALYS-6a	0		24
Nb-93m(n,2n)Nb-92g	TALYS-6a	0		44
Nb-93m(n,2n)Nb-92m	TALYS-6a	0		43
Nb-93m(n,3n)Nb-91g	TALYS-6a	0		30
Nb-93m(n,3n)Nb-91m	TALYS-6a	0		30
Nb-93m(n,n'a)Y-89g	TALYS-6a	0		64
Nb-93m(n,n'a)Y-89m	TALYS-6a	0		59
Nb-93m(n,n'3a)Br-81	TALYS-6a	0	[8]	14
Nb-93m(n,2na)Y-88	TALYS-6a	0	[8]	30
Nb-93m(n,3na)Y-87g	TALYS-6a	0		21
Nb-93m(n,3na)Y-87m	TALYS-6a	0		20
Nb-93m(n,n'p)Zr-92	TALYS-6a	0	[8]	53
Nb-93m(n,n'2a)Rb-85	TALYS-6a	0	[8]	28
Nb-93m(n,2n2a)Rb-84g	TALYS-6a	0		16
Nb-93m(n,2n2a)Rb-84m	TALYS-6a	0		16
Nb-93m(n,n'd)Zr-91	TALYS-6a	0	[8]	35
Nb-93m(n,n't)Zr-90g	TALYS-6a	0		32
Nb-93m(n,n't)Zr-90m	TALYS-6a	0		29
Nb-93m(n,n'h)Y-90g	TALYS-6a	0		28
Nb-93m(n,n'h)Y-90m	TALYS-6a	0		27
Nb-93m(n,n'd2a)Kr-83g	TALYS-6a	0		11
Nb-93m(n,n'd2a)Kr-83m	TALYS-6a	0		11
Nb-93m(n,4n)Nb-90g	TALYS-6a	0	[4]	17
Nb-93m(n,4n)Nb-90m	TALYS-6a	0	[4,7,8]	17
+Nb-93m(n,4n)Nb-90n	TALYS-6a	0	[4,7,8]	16
Nb-93m(n,2np)Zr-91	TALYS-6a	0	[8]	31
Nb-93m(n,3np)Zr-90g	TALYS-6a	0		24
Nb-93m(n,3np)Zr-90m	TALYS-6a	0		22
Nb-93m(n,n'2p)Y-91g	TALYS-6a	0		29
Nb-93m(n,n'2p)Y-91m	TALYS-6a	0		28
Nb-93m(n,n'pa)Sr-88	TALYS-6a	0	[8]	34
Nb-93m(n,g)Nb-94g 29040	ENDF/B-VI(MDF)	0	[13,4,6]	
Nb-93m(n,g)Nb-94m 29040	ENDF/B-VI(MDF)	0	[13,4,6]	
Nb-93m(n,p)Zr-93 28276	TALYS-6a	0	[9,2,3]	
Nb-93m(n,d)Zr-92	TALYS-6a	0	[8]	63
Nb-93m(n,t)Zr-91	TALYS-6a	0	[8]	50
Nb-93m(n,h)Y-91g	TALYS-6a	0		40
Nb-93m(n,h)Y-91m	TALYS-6a	0		39
Nb-93m(n,a)Y-90g 29080	TALYS-6a	0	[9,2,3]	
Nb-93m(n,a)Y-90m 29080	TALYS-6a	0	[9,2,3]	
Nb-93m(n,2a)Rb-86g	TALYS-6a	0		42
Nb-93m(n,2a)Rb-86m	TALYS-6a	0		41
Nb-93m(n,2p)Y-92	TALYS-6a	0	[8,7,8]	39
Nb-93m(n,pa)Sr-89	TALYS-6a	0	[8]	51
Nb-93m(n,pd)Y-91g	TALYS-6a	0		30
Nb-93m(n,pd)Y-91m	TALYS-6a	0		30
Nb-93m(n,pt)Y-90g	TALYS-6a	0		28
Nb-93m(n,pt)Y-90m	TALYS-6a	0		28
Nb-93m(n,da)Sr-88	TALYS-6a	0	[8]	38
Nb-93m(n,5n)Nb-89g	TALYS-6a	0		12
Nb-93m(n,5n)Nb-89m	TALYS-6a	0		12
Nb-93m(n,6n)Nb-88g	TALYS-6a	0	[4]	6
Nb-93m(n,6n)Nb-88m	TALYS-6a	0	[4,7,8]	6
Nb-93m(n,2nt)Zr-89g	TALYS-6a	0		20
Nb-93m(n,2nt)Zr-89m	TALYS-6a	0		19
Nb-93m(n,ta)Sr-87g	TALYS-6a	0		29
Nb-93m(n,ta)Sr-87m	TALYS-6a	0		28
Nb-93m(n,4np)Zr-89g	TALYS-6a	0		14
Nb-93m(n,4np)Zr-89m	TALYS-6a	0		14
Nb-93m(n,3nd)Zr-89g	TALYS-6a	0		15
Nb-93m(n,3nd)Zr-89m	TALYS-6a	0		15
Nb-93m(n,n'da)Sr-87g	TALYS-6a	0		23
Nb-93m(n,n'da)Sr-87m	TALYS-6a	0		22
Nb-93m(n,2npa)Sr-87g	TALYS-6a	0		21
Nb-93m(n,2npa)Sr-87m	TALYS-6a	0		21
Nb-93m(n,5np)Zr-88	TALYS-6a	0		10
Nb-93m(n,4na)Y-86g	TALYS-6a	0		13
Nb-93m(n,4na)Y-86m	TALYS-6a	0		12
Nb-93m(n,5na)Y-85g	TALYS-6a	0		8
Nb-93m(n,5na)Y-85m	TALYS-6a	0		8
Nb-93m(n,4nd)Zr-88	TALYS-6a	0	[8]	10
Nb-93m(n,5nd)Zr-87g	TALYS-6a	0		4
Nb-93m(n,5nd)Zr-87m	TALYS-6a	0		4
Nb-93m(n,3nt)Zr-88	TALYS-6a	0	[8]	13
Nb-93m(n,4nt)Zr-87g	TALYS-6a	0		7
Nb-93m(n,4nt)Zr-87m	TALYS-6a	0		7
Nb-93m(n,2nh)Y-89g	TALYS-6a	0		21
Nb-93m(n,2nh)Y-89m	TALYS-6a	0		20
Nb-93m(n,3nh)Y-88	TALYS-6a	0	[8]	13
Nb-93m(n,4nh)Y-87g	TALYS-6a	0		8
Nb-93m(n,4nh)Y-87m	TALYS-6a	0		8
Nb-93m(n,3n2p)Y-89g	TALYS-6a	0		15
Nb-93m(n,3n2p)Y-89m	TALYS-6a	0		15
Nb-93m(n,3n2a)Rb-83	TALYS-6a	0	[8]	12
Nb-93m(n,3npa)Sr-86	TALYS-6a	0	[8]	14
Nb-93m(n,dt)Y-89g	TALYS-6a	0		23
Nb-93m(n,dt)Y-89m	TALYS-6a	0		22
Nb-93m(n,n'pd)Y-90g	TALYS-6a	0		22
Nb-93m(n,n'pd)Y-90m	TALYS-6a	0		22
Nb-93m(n,n'pt)Y-89g	TALYS-6a	0		22
Nb-93m(n,n'pt)Y-89m	TALYS-6a	0		21
Nb-93m(n,n'dt)Y-88	TALYS-6a	0	[8]	14
Nb-93m(n,n'ph)Sr-89	TALYS-6a	0	[8]	17
Nb-93m(n,n'dh)Sr-88	TALYS-6a	0	[8]	14
Nb-93m(n,n'ta)Sr-86	TALYS-6a	0	[8]	20
Nb-93m(n,2n2p)Y-90g	TALYS-6a	0		21
Nb-93m(n,2n2p)Y-90m	TALYS-6a	0		20
Nb-93m(n,ha)Rb-87	TALYS-6a	0	[8]	26
Nb-93m(n,4n2p)Y-88	TALYS-6a	0	[8]	9
Nb-93m(n,4npa)Sr-85g	TALYS-6a	0		9
Nb-93m(n,4npa)Sr-85m	TALYS-6a	0		8
Nb-93m(n,n'3p)Sr-90	TALYS-6a	0	[8]	17
Nb-94(n,n')Nb-94m	TALYS-6a	0		91
Nb-94(n,2nd)Zr-91	TALYS-6a	0	[8]	26
Nb-94(n,2n)Nb-93g	TALYS-6a	0		49
Nb-94(n,2n)Nb-93m	TALYS-6a	0		49
Nb-94(n,3n)Nb-92g	TALYS-6a	0		30
Nb-94(n,3n)Nb-92m	TALYS-6a	0		30
Nb-94(n,n'a)Y-90g	TALYS-6a	0		62
Nb-94(n,n'a)Y-90m	TALYS-6a	0		58
Nb-94(n,2na)Y-89g	TALYS-6a	0		38
Nb-94(n,2na)Y-89m	TALYS-6a	0		36
Nb-94(n,3na)Y-88	TALYS-6a	0	[8]	23
Nb-94(n,n'p)Zr-93	TALYS-6a	0	[8]	50
Nb-94(n,n'2a)Rb-86g	TALYS-6a	0		29
Nb-94(n,n'2a)Rb-86m	TALYS-6a	0		29
Nb-94(n,2n2a)Rb-85	TALYS-6a	0	[8]	20
Nb-94(n,n'd)Zr-92	TALYS-6a	0	[8]	37
Nb-94(n,n't)Zr-91	TALYS-6a	0	[8]	32
Nb-94(n,n'h)Y-91g	TALYS-6a	0		28
Nb-94(n,n'h)Y-91m	TALYS-6a	0		28
Nb-94(n,4n)Nb-91g	TALYS-6a	0		22
Nb-94(n,4n)Nb-91m	TALYS-6a	0		22
Nb-94(n,2np)Zr-92	TALYS-6a	0	[8]	34
Nb-94(n,3np)Zr-91	TALYS-6a	0		24
Nb-94(n,n'2p)Y-92	TALYS-6a	0	[8,7,8]	28
Nb-94(n,n'pa)Sr-89	TALYS-6a	0	[8]	32
Nb-94(n,g)Nb-95g	JEF-2.2	2	[14,13,4,6]	904
Nb-94(n,g)Nb-95m	JEF-2.2	2	[14,13,4,6]	904
Nb-94(n,p)Zr-94	TALYS-6a	0	[9,2,3]	776
Nb-94(n,d)Zr-93	TALYS-6a	0	[8]	60
Nb-94(n,t)Zr-92	TALYS-6a	0	[8]	56
Nb-94(n,h)Y-92	TALYS-6a	0	[8,7,8]	38
Nb-94(n,a)Y-91g	TALYS-6a	0	[9,2,3]	1307
Nb-94(n,a)Y-91m	TALYS-6a	0	[9,2,3]	1307
Nb-94(n,2a)Rb-87	TALYS-6a	0		100
Nb-94(n,2p)Y-93g	TALYS-6a	0		39
Nb-94(n,2p)Y-93m	TALYS-6a	0		38
Nb-94(n,pa)Sr-90	TALYS-6a	0	[8]	52
Nb-94(n,pd)Y-92	TALYS-6a	0	[8,7,8]	29
Nb-94(n,pt)Y-91g	TALYS-6a	0		29
Nb-94(n,pt)Y-91m	TALYS-6a	0		28
Nb-94(n,da)Sr-89	TALYS-6a	0	[8]	36
Nb-94(n,5n)Nb-90g	TALYS-6a	0	[4]	13
Nb-94(n,5n)Nb-90m	TALYS-6a	0	[4,7,8]	13
+Nb-94(n,5n)Nb-90n	TALYS-6a	0	[4,7,8]	12
Nb-94(n,6n)Nb-89g	TALYS-6a	0		8
Nb-94(n,6n)Nb-89m	TALYS-6a	0		8
Nb-94(n,2nt)Zr-90g	TALYS-6a	0		24
Nb-94(n,2nt)Zr-90m	TALYS-6a	0		22
Nb-94(n,ta)Sr-88	TALYS-6a	0	[8]	35
Nb-94(n,4np)Zr-90g	TALYS-6a	0		17
Nb-94(n,4np)Zr-90m	TALYS-6a	0		16
Nb-94(n,3nd)Zr-90g	TALYS-6a	0		18
Nb-94(n,3nd)Zr-90m	TALYS-6a	0		16
Nb-94(n,n'da)Sr-88	TALYS-6a	0	[8]	27
Nb-94(n,2npa)Sr-88	TALYS-6a	0	[8]	25
Nb-94(n,5np)Zr-89g	TALYS-6a	0		11
Nb-94(n,5np)Zr-89m	TALYS-6a	0		10
Nb-94(n,6np)Zr-88	TALYS-6a	0		6
Nb-94(n,4na)Y-87g	TALYS-6a	0		15
Nb-94(n,4na)Y-87m	TALYS-6a	0		15
Nb-94(n,5na)Y-86g	TALYS-6a	0		9
Nb-94(n,5na)Y-86m	TALYS-6a	0		9
Nb-94(n,4nd)Zr-89g	TALYS-6a	0		12
Nb-94(n,4nd)Zr-89m	TALYS-6a	0		11
Nb-94(n,5nd)Zr-88	TALYS-6a	0		7
Nb-94(n,3nt)Zr-89g	TALYS-6a	0		14
Nb-94(n,3nt)Zr-89m	TALYS-6a	0		14
Nb-94(n,4nt)Zr-88	TALYS-6a	0		10
Nb-94(n,2nh)Y-90g	TALYS-6a	0		20

Reaction	Library	Flag	Refs	Value
Nb-94(n,2nh)Y-90m	TALYS-6a	0		20
Nb-94(n,3nh)Y-89g	TALYS-6a	0		15
Nb-94(n,3nh)Y-89m	TALYS-6a	0		15
Nb-94(n,4nh)Y-88	TALYS-6a	0	[8]	10
Nb-94(n,3n2p)Y-90g	TALYS-6a	0		15
Nb-94(n,3n2p)Y-90m	TALYS-6a	0		15
Nb-94(n,3n2a)Rb-84g	TALYS-6a	0		12
Nb-94(n,3n2a)Rb-84m	TALYS-6a	0		12
Nb-94(n,3npa)Sr-87g	TALYS-6a	0		15
Nb-94(n,3npa)Sr-87m	TALYS-6a	0		15
Nb-94(n,dt)Y-90g	TALYS-6a	0		22
Nb-94(n,dt)Y-90m	TALYS-6a	0		21
Nb-94(n,n'pd)Y-91g	TALYS-6a	0		23
Nb-94(n,n'pd)Y-91m	TALYS-6a	0		22
Nb-94(n,n'pt)Y-90g	TALYS-6a	0		21
Nb-94(n,n'pt)Y-90m	TALYS-6a	0		20
Nb-94(n,n'dt)Y-89g	TALYS-6a	0		16
Nb-94(n,n'dt)Y-89m	TALYS-6a	0		15
Nb-94(n,n'ph)Sr-90	TALYS-6a	0	[8]	17
Nb-94(n,n'dh)Sr-89	TALYS-6a	0	[8]	14
Nb-94(n,n'th)Sr-88	TALYS-6a	0	[8]	13
Nb-94(n,n'ta)Sr-87g	TALYS-6a	0		21
Nb-94(n,n'ta)Sr-87m	TALYS-6a	0		20
Nb-94(n,2n2p)Y-91g	TALYS-6a	0		21
Nb-94(n,2n2p)Y-91m	TALYS-6a	0		21
Nb-94(n,4n2p)Y-89g	TALYS-6a	0		11
Nb-94(n,4n2p)Y-89m	TALYS-6a	0		11
Nb-94(n,4n2a)Rb-83	TALYS-6a	0	[8]	8
Nb-94(n,4npa)Sr-86	TALYS-6a	0	[8]	11
Nb-94(n,n'3p)Sr-91	TALYS-6a	0	[8]	16
Nb-94(n,5n2p)Y-88	TALYS-6a	0	[8]	6
Nb-95(n,n')Nb-95m	TALYS-6a			88
Nb-95(n,2nd)Zr-92	TALYS-6a	0	[8]	26
Nb-95(n,2n)Nb-94g	TALYS-6a	0		44
Nb-95(n,2n)Nb-94m	TALYS-6a	0		44
Nb-95(n,3n)Nb-93g	TALYS-6a	0		31
Nb-95(n,3n)Nb-93m	TALYS-6a	0		31
Nb-95(n,n'a)Y-91g	TALYS-6a	0		59
Nb-95(n,n'a)Y-91m	TALYS-6a	0		56
Nb-95(n,2na)Y-90g	TALYS-6a	0		35
Nb-95(n,2na)Y-90m	TALYS-6a	0		33
Nb-95(n,3na)Y-89g	TALYS-6a	0		26
Nb-95(n,3na)Y-89m	TALYS-6a	0		25
Nb-95(n,n'p)Zr-94	TALYS-6a	0	[8]	49
Nb-95(n,n'2a)Rb-87	TALYS-6a	0	[8]	31
Nb-95(n,2n2a)Rb-86g	TALYS-6a	0		19
Nb-95(n,2n2a)Rb-86m	TALYS-6a	0		19
Nb-95(n,n'd)Zr-93	TALYS-6a	0	[8]	34
Nb-95(n,n't)Zr-92	TALYS-6a	0	[8]	32
Nb-95(n,n'h)Y-92	TALYS-6a	0	[8,7,8]	26
Nb-95(n,4n)Nb-92g	TALYS-6a	0		22
Nb-95(n,4n)Nb-92m	TALYS-6a	0		22
Nb-95(n,2np)Zr-93	TALYS-6a	0		31
Nb-95(n,3np)Zr-92	TALYS-6a	0	[8]	24
Nb-95(n,n'2p)Y-93g	TALYS-6a	0		26
Nb-95(n,n'2p)Y-93m	TALYS-6a	0		26
Nb-95(n,n'pa)Sr-90	TALYS-6a	0	[8]	31
Nb-95(n,g)Nb-96	JEF-2.2	2	[14,13,3]	4519
Nb-95(n,p)Zr-95	TALYS-6a	0	[2,8]	83
Nb-95(n,d)Zr-94	TALYS-6a	0	[8]	58
Nb-95(n,t)Zr-93	TALYS-6a	0	[8]	47
Nb-95(n,h)Y-93g	TALYS-6a	0		36
Nb-95(n,h)Y-93m	TALYS-6a	0		35
Nb-95(n,a)Y-92	TALYS-6a	0	[9,2,3]	4397
Nb-95(n,2a)Rb-88	TALYS-6a	0	[8]	43
Nb-95(n,2p)Y-94	TALYS-6a	0	[8]	34
Nb-95(n,pa)Sr-91	TALYS-6a	0	[8]	43
Nb-95(n,pd)Y-93g	TALYS-6a	0		28
Nb-95(n,pd)Y-93m	TALYS-6a	0		27
Nb-95(n,pt)Y-92	TALYS-6a	0	[8,7,8]	27
Nb-95(n,da)Sr-90	TALYS-6a	0	[8]	34
Nb-95(n,5n)Nb-91g	TALYS-6a	0		15
Nb-95(n,5n)Nb-91m	TALYS-6a	0		15
Nb-95(n,6n)Nb-90g	TALYS-6a	0	[4]	9
Nb-95(n,6n)Nb-90m	TALYS-6a	0	[4,7,8]	9
+Nb-95(n,6n)Nb-90n	TALYS-6a	0	[4,7,8]	8
Nb-95(n,2nt)Zr-91	TALYS-6a	0	[8]	23
Nb-95(n,ta)Sr-89	TALYS-6a	0	[8]	31
Nb-95(n,4np)Zr-91	TALYS-6a	0		16
Nb-95(n,3nd)Zr-91	TALYS-6a	0	[8]	17
Nb-95(n,n'da)Sr-89	TALYS-6a	0	[8]	25
Nb-95(n,2npa)Sr-89	TALYS-6a	0	[8]	23
Nb-95(n,7n)Nb-89g	TALYS-6a	0		4
Nb-95(n,7n)Nb-89m	TALYS-6a	0		4
Nb-95(n,5np)Zr-90g	TALYS-6a	0		13
Nb-95(n,5np)Zr-90m	TALYS-6a	0		11
Nb-95(n,6np)Zr-89g	TALYS-6a	0		6
Nb-95(n,6np)Zr-89m	TALYS-6a	0		6
Nb-95(n,4na)Y-88	TALYS-6a	0	[8]	15
Nb-95(n,5na)Y-87g	TALYS-6a	0		10
Nb-95(n,5na)Y-87m	TALYS-6a	0		10
Nb-95(n,4nd)Zr-90g	TALYS-6a	0		13
Nb-95(n,4nd)Zr-90m	TALYS-6a	0		12
Nb-95(n,5nd)Zr-89g	TALYS-6a	0		7
Nb-95(n,5nd)Zr-89m	TALYS-6a	0		7
Nb-95(n,3nt)Zr-90g	TALYS-6a	0		16
Nb-95(n,3nt)Zr-90m	TALYS-6a	0		15
Nb-95(n,4nt)Zr-89g	TALYS-6a	0		10
Nb-95(n,4nt)Zr-89m	TALYS-6a	0		10
Nb-95(n,5nt)Zr-88	TALYS-6a	0	[8]	5
Nb-95(n,2nh)Y-91g	TALYS-6a	0		20
Nb-95(n,2nh)Y-91m	TALYS-6a	0		19
Nb-95(n,3nh)Y-90g	TALYS-6a	0		14
Nb-95(n,3nh)Y-90m	TALYS-6a	0		14
Nb-95(n,4nh)Y-89g	TALYS-6a	0		11
Nb-95(n,4nh)Y-89m	TALYS-6a	0		11
Nb-95(n,3n2p)Y-91g	TALYS-6a	0		14
Nb-95(n,3n2p)Y-91m	TALYS-6a	0		14
Nb-95(n,3n2a)Rb-85	TALYS-6a	0	[8]	14
Nb-95(n,3npa)Sr-88	TALYS-6a	0	[8]	16
Nb-95(n,n'pd)Y-92	TALYS-6a	0	[8,7,8]	21
Nb-95(n,n'pt)Y-91g	TALYS-6a	0		20
Nb-95(n,n'pt)Y-91m	TALYS-6a	0		20
Nb-95(n,n'dt)Y-90g	TALYS-6a	0		15
Nb-95(n,n'dt)Y-90m	TALYS-6a	0		15
Nb-95(n,n'ph)Sr-91	TALYS-6a	0	[8]	16
Nb-95(n,n'dh)Sr-90	TALYS-6a	0	[8]	13
Nb-95(n,n'ta)Sr-88	TALYS-6a	0	[8]	24
Nb-95(n,2n2p)Y-92	TALYS-6a	0	[8,7,8]	19
Nb-95(n,4n2p)Y-90g	TALYS-6a	0		11
Nb-95(n,4n2p)Y-90m	TALYS-6a	0		10
Nb-95(n,4n2a)Rb-84g	TALYS-6a	0		8
Nb-95(n,4n2a)Rb-84m	TALYS-6a	0		8
Nb-95(n,4npa)Sr-87g	TALYS-6a	0		11
Nb-95(n,4npa)Sr-87m	TALYS-6a	0		10
Nb-95(n,5n2p)Y-89g	TALYS-6a	0		7
Nb-95(n,5n2p)Y-89m	TALYS-6a	0		7
Nb-95m(n,n')Nb-95g	TALYS-6a	0	[8]	97
Nb-95m(n,2nd)Zr-92	TALYS-6a	0	[8]	26
Nb-95m(n,2n)Nb-94g	TALYS-6a	0		45
Nb-95m(n,2n)Nb-94m	TALYS-6a	0		45
Nb-95m(n,3n)Nb-93g	TALYS-6a	0		31
Nb-95m(n,3n)Nb-93m	TALYS-6a	0		31
Nb-95m(n,n'a)Y-91g	TALYS-6a	0		60
Nb-95m(n,n'a)Y-91m	TALYS-6a	0		57
Nb-95m(n,2na)Y-90g	TALYS-6a	0		35
Nb-95m(n,2na)Y-90m	TALYS-6a	0		34
Nb-95m(n,3na)Y-89g	TALYS-6a	0		26
Nb-95m(n,3na)Y-89m	TALYS-6a	0		25
Nb-95m(n,n'p)Zr-94	TALYS-6a	0	[8]	50
Nb-95m(n,n'2a)Rb-87	TALYS-6a	0	[8]	31
Nb-95m(n,2n2a)Rb-86g	TALYS-6a	0		20
Nb-95m(n,2n2a)Rb-86m	TALYS-6a	0		19
Nb-95m(n,n'd)Zr-93	TALYS-6a	0	[8]	34
Nb-95m(n,n't)Zr-92	TALYS-6a	0	[8]	33
Nb-95m(n,n'h)Y-92	TALYS-6a	0	[8,7,8]	27
Nb-95m(n,4n)Nb-92g	TALYS-6a	0		22
Nb-95m(n,4n)Nb-92m	TALYS-6a	0		22
Nb-95m(n,2np)Zr-93	TALYS-6a	0	[8]	31
Nb-95m(n,3np)Zr-92	TALYS-6a	0	[8]	24
Nb-95m(n,n'2p)Y-93g	TALYS-6a	0		27
Nb-95m(n,n'2p)Y-93m	TALYS-6a	0		26
Nb-95m(n,n'pa)Sr-90	TALYS-6a	0	[8]	31
Nb-95m(n,g)Nb-96	JEF-2.2	0	[14,13]	4519
Nb-95m(n,p)Zr-95	TALYS-6a	0	[2,8]	85
Nb-95m(n,d)Zr-94	TALYS-6a	0	[8]	60
Nb-95m(n,t)Zr-93	TALYS-6a	0	[8]	49
Nb-95m(n,h)Y-93g	TALYS-6a	0		37
Nb-95m(n,h)Y-93m	TALYS-6a	0		35
Nb-95m(n,a)Y-92	TALYS-6a	0	[2]	100
Nb-95m(n,2a)Rb-88	TALYS-6a	0	[8]	43
Nb-95m(n,2p)Y-94	TALYS-6a	0	[8]	35
Nb-95m(n,pa)Sr-91	TALYS-6a	0	[8]	43
Nb-95m(n,pd)Y-93g	TALYS-6a	0		29
Nb-95m(n,pd)Y-93m	TALYS-6a	0		28
Nb-95m(n,pt)Y-92	TALYS-6a	0	[8,7,8]	27
Nb-95m(n,da)Sr-90	TALYS-6a	0	[8]	34
Nb-95m(n,5n)Nb-91g	TALYS-6a	0		15
Nb-95m(n,5n)Nb-91m	TALYS-6a	0		15
Nb-95m(n,6n)Nb-90g	TALYS-6a	0	[4]	9
Nb-95m(n,6n)Nb-90m	TALYS-6a	0	[4,7,8]	9
+Nb-95m(n,6n)Nb-90n	TALYS-6a	0	[4,7,8]	8
Nb-95m(n,2nt)Zr-91	TALYS-6a	0	[8]	23
Nb-95m(n,ta)Sr-89	TALYS-6a	0	[8]	31
Nb-95m(n,4np)Zr-91	TALYS-6a	0		16
Nb-95m(n,3nd)Zr-91	TALYS-6a	0	[8]	17
Nb-95m(n,n'da)Sr-89	TALYS-6a	0	[8]	25
Nb-95m(n,2npa)Sr-89	TALYS-6a	0	[8]	23
Nb-95m(n,7n)Nb-89g	TALYS-6a	0		4
Nb-95m(n,7n)Nb-89m	TALYS-6a	0		4
Nb-95m(n,5np)Zr-90g	TALYS-6a	0		13
Nb-95m(n,5np)Zr-90m	TALYS-6a	0		11
Nb-95m(n,6np)Zr-89g	TALYS-6a	0		6
Nb-95m(n,6np)Zr-89m	TALYS-6a	0		6
Nb-95m(n,4na)Y-88	TALYS-6a	0	[8]	15
Nb-95m(n,5na)Y-87g	TALYS-6a	0		10
Nb-95m(n,5na)Y-87m	TALYS-6a	0		10
Nb-95m(n,4nd)Zr-90g	TALYS-6a	0		13
Nb-95m(n,4nd)Zr-90m	TALYS-6a	0		12
Nb-95m(n,5nd)Zr-89g	TALYS-6a	0		8
Nb-95m(n,5nd)Zr-89m	TALYS-6a	0		7
Nb-95m(n,3nt)Zr-90g	TALYS-6a	0		16
Nb-95m(n,3nt)Zr-90m	TALYS-6a	0		15
Nb-95m(n,4nt)Zr-89g	TALYS-6a	0		10
Nb-95m(n,4nt)Zr-89m	TALYS-6a	0		10
Nb-95m(n,5nt)Zr-88	TALYS-6a	0		6
Nb-95m(n,2nh)Y-91g	TALYS-6a	0		20
Nb-95m(n,2nh)Y-91m	TALYS-6a	0		20
Nb-95m(n,3nh)Y-90g	TALYS-6a	0		15
Nb-95m(n,3nh)Y-90m	TALYS-6a	0		14
Nb-95m(n,4nh)Y-89g	TALYS-6a	0		11
Nb-95m(n,4nh)Y-89m	TALYS-6a	0		11
Nb-95m(n,3n2p)Y-91g	TALYS-6a	0		15
Nb-95m(n,3n2p)Y-91m	TALYS-6a	0		14
Nb-95m(n,3n2a)Rb-85	TALYS-6a	0	[8]	14
Nb-95m(n,3npa)Sr-88	TALYS-6a	0	[8]	17
Nb-95m(n,n'pd)Y-92	TALYS-6a	0	[8,7,8]	21
Nb-95m(n,n'pt)Y-91g	TALYS-6a	0		20
Nb-95m(n,n'pt)Y-91m	TALYS-6a	0		20
Nb-95m(n,n'dt)Y-90g	TALYS-6a	0		15
Nb-95m(n,n'dt)Y-90m	TALYS-6a	0		15
Nb-95m(n,n'ph)Sr-91	TALYS-6a	0	[8]	16
Nb-95m(n,n'dh)Sr-90	TALYS-6a	0	[8]	13
Nb-95m(n,n'ta)Sr-88	TALYS-6a	0	[8]	24
Nb-95m(n,2n2p)Y-92	TALYS-6a	0	[8,7,8]	19
Nb-95m(n,4n2p)Y-90g	TALYS-6a	0		11
Nb-95m(n,4n2p)Y-90m	TALYS-6a	0		10
Nb-95m(n,4n2a)Rb-84g	TALYS-6a	0		8

Reaction	Library		Ref	
Nb-95m(n,4n2a)Rb-84m	TALYS-6a	0		8
Nb-95m(n,4npa)Sr-87g	TALYS-6a	0		11
Nb-95m(n,4npa)Sr-87m	TALYS-6a	0		10
Nb-95m(n,5n2p)Y-89g	TALYS-6a	0		7
Nb-95m(n,5n2p)Y-89m	TALYS-6a	0		7
Nb-96(n,2nd)Zr-93	TALYS-6a	0	[8]	26
Nb-96(n,2n)Nb-95g	TALYS-6a	0		51
Nb-96(n,2n)Nb-95m	TALYS-6a	0		49
Nb-96(n,3n)Nb-94g	TALYS-6a	0		31
Nb-96(n,3n)Nb-94m	TALYS-6a	0		31
Nb-96(n,n'a)Y-92	TALYS-6a	0	[8,7,8]	57
Nb-96(n,2na)Y-91g	TALYS-6a	0		37
Nb-96(n,2na)Y-91m	TALYS-6a	0		36
Nb-96(n,3na)Y-90g	TALYS-6a	0		26
Nb-96(n,3na)Y-90m	TALYS-6a	0		25
Nb-96(n,n'p)Zr-95	TALYS-6a	0	[8]	47
Nb-96(n,n'2a)Rb-88	TALYS-6a	0	[8]	30
Nb-96(n,2n2a)Rb-87	TALYS-6a	0	[8]	24
Nb-96(n,n'd)Zr-94	TALYS-6a	0	[8]	37
Nb-96(n,n't)Zr-93	TALYS-6a	0	[8]	32
Nb-96(n,n'h)Y-93g	TALYS-6a	0		27
Nb-96(n,n'h)Y-93m	TALYS-6a	0		26
Nb-96(n,4n)Nb-93g	TALYS-6a	0		24
Nb-96(n,4n)Nb-93m	TALYS-6a	0		24
Nb-96(n,2np)Zr-94	TALYS-6a	0	[8]	33
Nb-96(n,3np)Zr-93	TALYS-6a	0		24
Nb-96(n,n'2p)Y-94	TALYS-6a	0	[8]	26
Nb-96(n,n'pa)Sr-91	TALYS-6a	0	[8]	30
Nb-96(n,g)Nb-97g	MASGAM	0	[14,13,4,6]	83
Nb-96(n,g)Nb-97m	MASGAM	0	[14,7,13,4,6]	83
Nb-96(n,p)Zr-96	TALYS-6a	0	[2]	100
Nb-96(n,d)Zr-95	TALYS-6a	0	[8]	56
Nb-96(n,t)Zr-94	TALYS-6a	0	[8]	54
Nb-96(n,h)Y-94	TALYS-6a	0	[8]	35
Nb-96(n,a)Y-93g	TALYS-6a	0	[2]	100
Nb-96(n,a)Y-93m	TALYS-6a	0	[2]	100
Nb-96(n,2a)Rb-89	TALYS-6a	0	[8]	43
Nb-96(n,2p)Y-95	TALYS-6a	0	[8,7,8]	34
Nb-96(n,pa)Sr-92	TALYS-6a	0	[8,7,8]	43
Nb-96(n,pd)Y-94	TALYS-6a	0	[8]	27
Nb-96(n,pt)Y-93g	TALYS-6a	0		27
Nb-96(n,pt)Y-93m	TALYS-6a	0		27
Nb-96(n,da)Sr-91	TALYS-6a	0	[8]	31
Nb-96(n,5n)Nb-92g	TALYS-6a	0		16
Nb-96(n,5n)Nb-92m	TALYS-6a	0		16
Nb-96(n,6n)Nb-91g	TALYS-6a	0		12
Nb-96(n,6n)Nb-91m	TALYS-6a	0		12
Nb-96(n,2nt)Zr-92	TALYS-6a	0	[8]	25
Nb-96(n,ta)Sr-90	TALYS-6a	0	[8]	32
Nb-96(n,4np)Zr-92	TALYS-6a	0	[8]	17
Nb-96(n,3nd)Zr-92	TALYS-6a	0	[8]	19
Nb-96(n,n'da)Sr-90	TALYS-6a	0	[8]	25
Nb-96(n,2npa)Sr-90	TALYS-6a	0	[8]	24
Nb-96(n,7n)Nb-90g	TALYS-6a	0	[4]	6
Nb-96(n,7n)Nb-90m	TALYS-6a	0	[4,7,8]	5
+Nb-96(n,7n)Nb-90n	TALYS-6a	0	[4,7,8]	4
Nb-96(n,5np)Zr-91	TALYS-6a	0		13
Nb-96(n,6np)Zr-90g	TALYS-6a	0		9
Nb-96(n,6np)Zr-90m	TALYS-6a	0		8
Nb-96(n,4na)Y-89g	TALYS-6a	0		19
Nb-96(n,4na)Y-89m	TALYS-6a	0		18
Nb-96(n,5na)Y-88	TALYS-6a	0	[8]	12
Nb-96(n,6na)Y-87g	TALYS-6a	0		7
Nb-96(n,6na)Y-87m	TALYS-6a	0		7
Nb-96(n,4nd)Zr-91	TALYS-6a	0	[8]	13
Nb-96(n,5nd)Zr-90g	TALYS-6a	0		10
Nb-96(n,5nd)Zr-90m	TALYS-6a	0		9
Nb-96(n,3nt)Zr-91	TALYS-6a	0	[8]	16
Nb-96(n,4nt)Zr-90g	TALYS-6a	0		13
Nb-96(n,4nt)Zr-90m	TALYS-6a	0		11
Nb-96(n,5nt)Zr-89g	TALYS-6a	0		7
Nb-96(n,5nt)Zr-89m	TALYS-6a	0		6
Nb-96(n,2nh)Y-92	TALYS-6a	0	[8,7,8]	20
Nb-96(n,3nh)Y-91g	TALYS-6a	0		15
Nb-96(n,3nh)Y-91m	TALYS-6a	0		15
Nb-96(n,4nh)Y-90g	TALYS-6a	0		11
Nb-96(n,4nh)Y-90m	TALYS-6a	0		10
Nb-96(n,3n2p)Y-92	TALYS-6a	0	[8,7,8]	14
Nb-96(n,3n2a)Rb-86g	TALYS-6a	0		14
Nb-96(n,3n2a)Rb-86m	TALYS-6a	0		14
Nb-96(n,3npa)Sr-89	TALYS-6a	0	[8]	16
Nb-96(n,dt)Y-92	TALYS-6a	0	[8,7,8]	21
Nb-96(n,n'pd)Y-93g	TALYS-6a	0		21
Nb-96(n,n'pd)Y-93m	TALYS-6a	0		20
Nb-96(n,n'pt)Y-92	TALYS-6a	0	[8,7,8]	20
Nb-96(n,n'dt)Y-91g	TALYS-6a	0		16
Nb-96(n,n'dt)Y-91m	TALYS-6a	0		15
Nb-96(n,n'ph)Sr-92	TALYS-6a	0	[8,7,8]	15
Nb-96(n,n'ta)Sr-89	TALYS-6a	0	[8]	24
Nb-96(n,2n2p)Y-93g	TALYS-6a	0		19
Nb-96(n,2n2p)Y-93m	TALYS-6a	0		19
Nb-96(n,4n2p)Y-91g	TALYS-6a	0		11
Nb-96(n,4n2p)Y-91m	TALYS-6a	0		11
Nb-96(n,4n2a)Rb-85	TALYS-6a	0	[8]	10
Nb-96(n,4npa)Sr-88	TALYS-6a	0	[8]	13
Nb-96(n,5n2p)Y-90g	TALYS-6a	0		7
Nb-96(n,5n2p)Y-90m	TALYS-6a	0		7
Mo-92(n,2nd)Nb-89g	TALYS-6a	0		18
Mo-92(n,2nd)Nb-89m	TALYS-6a	0		18
Mo-92(n,2n)Mo-91g	IEAF-2001	4	[3,5,7,8]	46
Mo-92(n,2n)Mo-91m	IEAF-2001	5	[3,5,7,8]	45
Mo-92(n,3n)Mo-90	TALYS-5	5		23
Mo-92(n,n'a)Zr-88	TALYS-6a	6	[3,8]	45
Mo-92(n,n'3a)Kr-80	TALYS-6a	0	[8]	15
Mo-92(n,2na)Zr-87g	TALYS-6a	0		26
Mo-92(n,2na)Zr-87m	TALYS-6a	0		25
Mo-92(n,3na)Zr-86	TALYS-5	5	[9]	16
Mo-92(n,n'p)Nb-91g	ADL-3	1	[13]	43
Mo-92(n,n'p)Nb-91m	ADL-3	6	[13,3]	43

Reaction	Library		Ref	
Mo-92(n,n'2a)Sr-84	TALYS-6a	0	[8]	27
Mo-92(n,2n2a)Sr-83g	TALYS-6a	0		16
Mo-92(n,2n2a)Sr-83m	TALYS-6a	0		15
>Mo-92(n,n'd)Nb-90g	TALYS-6a	0	[4]	28
>Mo-92(n,n'd)Nb-90m	TALYS-6a	0	[4,7,8]	28
+Mo-92(n,n'd)Nb-90n	TALYS-6a	0	[4,7,8]	27
Mo-92(n,n't)Nb-89g	TALYS-6a	0		24
Mo-92(n,n't)Nb-89m	TALYS-6a	0		24
Mo-92(n,n'h)Zr-89g	TALYS-6a	0		27
Mo-92(n,n'h)Zr-89m	TALYS-6a	0		26
Mo-92(n,n'd2a)Rb-82g	TALYS-6a	0		10
Mo-92(n,n'd2a)Rb-82m	TALYS-6a	0		10
Mo-92(n,4n)Mo-89	TALYS-6a	0		13
Mo-92(n,2np)Nb-90g	TALYS-6a	0	[4]	26
Mo-92(n,2np)Nb-90m	TALYS-6a	0	[4,7,8]	26
+Mo-92(n,2np)Nb-90n	TALYS-6a	0	[4,7,8]	25
Mo-92(n,3np)Nb-89g	TALYS-6a	0		16
Mo-92(n,3np)Nb-89m	TALYS-6a	0		16
Mo-92(n,n'2p)Zr-90g	TALYS-6a	0		33
Mo-92(n,n'2p)Zr-90m	TALYS-6a	0		30
Mo-92(n,n'pa)Y-87g	TALYS-6a	0		28
Mo-92(n,n'pa)Y-87m	TALYS-6a	0		28
>Mo-92(n,g)Mo-93g	ENDF/B-VII	0	[13,4,6]	13814
>Mo-92(n,g)Mo-93m	ENDF/B-VII	3	[7,13,4,6]	13814
Mo-92(n,p)Nb-92g	TALYS-6a	0	[13,13,2,3]	71
Mo-92(n,p)Nb-92m	TALYS-6a	6	[13,13,3,3]	71
Mo-92(n,d)Nb-91g	TALYS-6a	0		56
Mo-92(n,d)Nb-91m	TALYS-6a	0		55
>Mo-92(n,t)Nb-90g	TALYS-6a	0	[4,9,4]	37
>Mo-92(n,t)Nb-90m	TALYS-6a	0	[4,7,8,4]	37
+Mo-92(n,t)Nb-90n	TALYS-6a	0	[4,7,8,4]	36
Mo-92(n,h)Zr-90g	TALYS-6a	0		48
Mo-92(n,h)Zr-90m	TALYS-6a	0		42
Mo-92(n,a)Zr-89g	TALYS-5	6	[9,3,3]	1067
Mo-92(n,a)Zr-89m	TALYS-5	4	[9,3,3]	1067
Mo-92(n,2a)Sr-85g	TALYS-6a	0		41
Mo-92(n,2a)Sr-85m	TALYS-5	5		39
Mo-92(n,3a)Kr-81g	TALYS-6a	0		21
Mo-92(n,3a)Kr-81m	TALYS-6a	0		20
Mo-92(n,2p)Zr-91	TALYS-6a	0	[8]	50
Mo-92(n,pa)Y-88	TALYS-5	5	[8]	45
Mo-92(n,d2a)Rb-83	TALYS-6a	0	[8]	16
Mo-92(n,pd)Zr-90g	TALYS-6a	0		36
Mo-92(n,pd)Zr-90m	TALYS-6a	0		31
Mo-92(n,pt)Zr-89g	TALYS-6a	0		28
Mo-92(n,pt)Zr-89m	TALYS-6a	0		27
Mo-92(n,da)Y-87g	TALYS-6a	0		29
Mo-92(n,da)Y-87m	TALYS-5	5		29
Mo-92(n,5n)Mo-88	TALYS-6a	0		8
Mo-92(n,2nt)Nb-88g	TALYS-6a	0	[4,8]	14
Mo-92(n,2nt)Nb-88m	TALYS-6a	0	[4,7,8,8]	14
Mo-92(n,ta)Y-86g	TALYS-6a	0		23
Mo-92(n,ta)Y-86m	TALYS-6a	0		23
Mo-92(n,4np)Nb-88g	TALYS-6a	0	[4]	10
Mo-92(n,4np)Nb-88m	TALYS-6a	0	[4,7,8]	10
Mo-92(n,3nd)Nb-88g	TALYS-6a	0	[4]	11
Mo-92(n,3nd)Nb-88m	TALYS-6a	0	[4,7,8]	11
Mo-92(n,n'da)Y-86g	TALYS-6a	0		17
Mo-92(n,n'da)Y-86m	TALYS-6a	0		17
Mo-92(n,2npa)Y-86g	TALYS-6a	0		16
Mo-92(n,2npa)Y-86m	TALYS-6a	0		16
Mo-92(n,5np)Nb-87g	TALYS-6a	0		5
Mo-92(n,5np)Nb-87m	TALYS-6a	0		5
Mo-92(n,4na)Zr-85g	TALYS-6a	0		10
Mo-92(n,4na)Zr-85m	TALYS-6a	0		9
Mo-92(n,4nd)Nb-87g	TALYS-6a	0		6
Mo-92(n,4nd)Nb-87m	TALYS-6a	0		6
Mo-92(n,3nt)Nb-87g	TALYS-6a	0		9
Mo-92(n,3nt)Nb-87m	TALYS-6a	0		9
Mo-92(n,2nh)Zr-88	TALYS-6a	0	[8]	17
Mo-92(n,3nh)Zr-87g	TALYS-6a	0		11
Mo-92(n,3nh)Zr-87m	TALYS-6a	0		10
Mo-92(n,3n2p)Zr-88	TALYS-6a	0	[8]	13
Mo-92(n,3n2a)Sr-82	TALYS-6a	0	[8]	11
Mo-92(n,3npa)Y-85g	TALYS-6a	0		11
Mo-92(n,3npa)Y-85m	TALYS-6a	0		11
Mo-92(n,dt)Zr-88	TALYS-6a	0	[8]	19
Mo-92(n,n'pd)Zr-89g	TALYS-6a	0		22
Mo-92(n,n'pd)Zr-89m	TALYS-6a	0		21
Mo-92(n,n'pt)Zr-88	TALYS-6a	0	[8]	18
Mo-92(n,n'dt)Zr-87g	TALYS-6a	0		11
Mo-92(n,n'dt)Zr-87m	TALYS-6a	0		11
Mo-92(n,n'ph)Y-88	TALYS-6a	0	[8]	16
Mo-92(n,n'dh)Y-87g	TALYS-6a	0		12
Mo-92(n,n'dh)Y-87m	TALYS-6a	0		12
Mo-92(n,n'ta)Y-85g	TALYS-6a	0		15
Mo-92(n,n'ta)Y-85m	TALYS-6a	0		15
Mo-92(n,2n2p)Zr-89g	TALYS-6a	0		20
Mo-92(n,2n2p)Zr-89m	TALYS-6a	0		19
Mo-92(n,ph)Y-89g	TALYS-6a	0		28
Mo-92(n,ph)Y-89m	TALYS-6a	0		27
Mo-92(n,dh)Y-88	TALYS-6a	0	[8]	17
Mo-92(n,ha)Sr-86	TALYS-6a	0	[8]	26
Mo-92(n,4n2p)Zr-87g	TALYS-6a	0		7
Mo-92(n,4n2p)Zr-87m	TALYS-6a	0		7
Mo-92(n,3p)Y-90g	TALYS-6a	0		28
Mo-92(n,3p)Y-90m	TALYS-6a	0		27
Mo-92(n,n'3p)Y-89g	TALYS-6a	0		21
Mo-92(n,n'3p)Y-89m	TALYS-6a	0		20
Mo-92(n,3n2pa)Sr-84	TALYS-6a	0	[8]	8
Mo-93(n,n')Mo-93m	TALYS-6a	0		73
Mo-93(n,2nd)Nb-90g	TALYS-6a	0	[4]	20
Mo-93(n,2nd)Nb-90m	TALYS-6a	0	[4,7,8]	20
+Mo-93(n,2nd)Nb-90n	TALYS-6a	0	[4,7,8]	19
Mo-93(n,2n)Mo-92	TALYS-6a	0		45
Mo-93(n,3n)Mo-91g	TALYS-6a	0		26
Mo-93(n,3n)Mo-91m	TALYS-6a	0		25

Reaction	Library	Value	Refs	Number
Mo-93(n,n'a)Zr-89g	TALYS-6a	0		51
Mo-93(n,n'a)Zr-89m	TALYS-6a	0		48
Mo-93(n,n'3a)Kr-81g	TALYS-6a	0		14
Mo-93(n,n'3a)Kr-81m	TALYS-6a	0		14
Mo-93(n,2na)Zr-88	TALYS-6a	0	[8]	30
Mo-93(n,3na)Zr-87g	TALYS-6a	0		17
Mo-93(n,3na)Zr-87m	TALYS-6a	0		17
Mo-93(n,n'p)Nb-92g	TALYS-6a	0		45
Mo-93(n,n'p)Nb-92m	TALYS-6a	0		45
Mo-93(n,n'2a)Sr-85g	TALYS-6a	0		28
Mo-93(n,n'2a)Sr-85m	TALYS-6a	0		27
Mo-93(n,2n2a)Sr-84	TALYS-6a	0	[8]	19
Mo-93(n,n'd)Nb-91g	TALYS-6a	0		33
Mo-93(n,n'd)Nb-91m	TALYS-6a	0		33
>Mo-93(n,n't)Nb-90g	TALYS-6a	0	[4]	26
>Mo-93(n,n't)Nb-90m	TALYS-6a	0	[4,7,8]	26
+Mo-93(n,n't)Nb-90n	TALYS-6a	0	[4,7,8]	25
Mo-93(n,n'h)Zr-90g	TALYS-6a	0		30
Mo-93(n,n'h)Zr-90m	TALYS-6a	0		28
Mo-93(n,n'd2a)Rb-83	TALYS-6a	0	[8]	12
Mo-93(n,4n)Mo-90	TALYS-6a	0		16
Mo-93(n,2np)Nb-91g	TALYS-6a	0		30
Mo-93(n,2np)Nb-91m	TALYS-6a	0		30
Mo-93(n,3np)Nb-90g	TALYS-6a	0	[4]	19
Mo-93(n,3np)Nb-90m	TALYS-6a	0	[4,7,8]	18
+Mo-93(n,3np)Nb-90n	TALYS-6a	0	[4,7,8]	17
Mo-93(n,n'2p)Zr-91	TALYS-6a	0	[8]	31
Mo-93(n,n'pa)Y-88	TALYS-6a	0	[8]	30
Mo-93(n,g)Mo-94	MASGAM	0	[14,13]	83
Mo-93(n,p)Nb-93g	TALYS-6a	0	[2]	100
Mo-93(n,p)Nb-93m	TALYS-6a	0	[2]	100
Mo-93(n,d)Nb-92g	TALYS-6a	0		54
Mo-93(n,d)Nb-92m	TALYS-6a	0		54
Mo-93(n,t)Nb-91g	TALYS-6a	0		45
Mo-93(n,t)Nb-91m	TALYS-6a	0		45
Mo-93(n,h)Zr-91	TALYS-6a	0	[8]	45
Mo-93(n,a)Zr-90g	TALYS-6a	0	[2]	100
Mo-93(n,a)Zr-90m	TALYS-6a	0	[2]	100
Mo-93(n,2a)Sr-86	TALYS-6a	0		100
Mo-93(n,3a)Kr-82	TALYS-6a	0	[8]	24
Mo-93(n,2p)Zr-92	TALYS-6a	0	[8]	53
Mo-93(n,pa)Y-89g	TALYS-6a	0		62
Mo-93(n,pa)Y-89m	TALYS-6a	0		57
Mo-93(n,d2a)Rb-84g	TALYS-6a	0		15
Mo-93(n,d2a)Rb-84m	TALYS-6a	0		15
Mo-93(n,pd)Zr-91	TALYS-6a	0	[8]	34
Mo-93(n,pt)Zr-90g	TALYS-6a	0		32
Mo-93(n,pt)Zr-90m	TALYS-6a	0		29
Mo-93(n,da)Y-88	TALYS-6a	0	[8]	31
Mo-93(n,5n)Mo-89	TALYS-6a	0		9
Mo-93(n,6n)Mo-88	TALYS-6a	0		4
Mo-93(n,2nt)Nb-89g	TALYS-6a	0		16
Mo-93(n,2nt)Nb-89m	TALYS-6a	0		16
Mo-93(n,ta)Y-87g	TALYS-6a	0		27
Mo-93(n,ta)Y-87m	TALYS-6a	0		27
Mo-93(n,4np)Nb-89g	TALYS-6a	0		12
Mo-93(n,4np)Nb-89m	TALYS-6a	0		12
Mo-93(n,3nd)Nb-89g	TALYS-6a	0		13
Mo-93(n,3nd)Nb-89m	TALYS-6a	0		13
Mo-93(n,n'da)Y-87g	TALYS-6a	0		21
Mo-93(n,n'da)Y-87m	TALYS-6a	0		21
Mo-93(n,2npa)Y-87g	TALYS-6a	0		20
Mo-93(n,2npa)Y-87m	TALYS-6a	0		19
Mo-93(n,5np)Nb-88g	TALYS-6a	0	[4]	6
Mo-93(n,5np)Nb-88m	TALYS-6a	0	[4,7,8]	6
Mo-93(n,4na)Zr-86	TALYS-6a	0	[8]	12
Mo-93(n,4nd)Nb-88g	TALYS-6a	0	[4]	7
Mo-93(n,4nd)Nb-88m	TALYS-6a	0	[4,7,8]	7
Mo-93(n,3nt)Nb-88g	TALYS-6a	0	[4,8]	10
Mo-93(n,3nt)Nb-88m	TALYS-6a	0	[4,7,8,8]	10
Mo-93(n,4nt)Nb-87g	TALYS-6a	0		5
Mo-93(n,4nt)Nb-87m	TALYS-6a	0		5
Mo-93(n,2nh)Zr-89g	TALYS-6a	0		19
Mo-93(n,2nh)Zr-89m	TALYS-6a	0		18
Mo-93(n,3nh)Zr-88	TALYS-6a	0	[8]	13
Mo-93(n,4nh)Zr-87g	TALYS-6a	0		7
Mo-93(n,4nh)Zr-87m	TALYS-6a	0		6
Mo-93(n,3n2p)Zr-89g	TALYS-6a	0		14
Mo-93(n,3n2p)Zr-89m	TALYS-6a	0		14
Mo-93(n,3n2a)Sr-83g	TALYS-6a	0		11
Mo-93(n,3n2a)Sr-83m	TALYS-6a	0		11
Mo-93(n,3npa)Y-86g	TALYS-6a	0		12
Mo-93(n,3npa)Y-86m	TALYS-6a	0		12
Mo-93(n,dt)Zr-89g	TALYS-6a	0		20
Mo-93(n,dt)Zr-89m	TALYS-6a	0		19
Mo-93(n,n'pd)Zr-90g	TALYS-6a	0		25
Mo-93(n,n'pd)Zr-90m	TALYS-6a	0		23
Mo-93(n,n'pt)Zr-89g	TALYS-6a	0		19
Mo-93(n,n'pt)Zr-89m	TALYS-6a	0		19
Mo-93(n,n'dt)Zr-88	TALYS-6a	0	[8]	14
Mo-93(n,n'ph)Y-89g	TALYS-6a	0		20
Mo-93(n,n'ph)Y-89m	TALYS-6a	0		19
Mo-93(n,n'dh)Y-88	TALYS-6a	0	[8]	13
Mo-93(n,n'th)Y-87g	TALYS-6a	0		11
Mo-93(n,n'th)Y-87m	TALYS-6a	0		11
Mo-93(n,n'ta)Y-86g	TALYS-6a	0		16
Mo-93(n,n'ta)Y-86m	TALYS-6a	0		16
Mo-93(n,2n2p)Zr-90g	TALYS-6a	0		24
Mo-93(n,2n2p)Zr-90m	TALYS-6a	0		21
Mo-93(n,ph)Y-90g	TALYS-6a	0		26
Mo-93(n,ph)Y-90m	TALYS-6a	0		26
Mo-93(n,dh)Y-89g	TALYS-6a	0		20
Mo-93(n,dh)Y-89m	TALYS-6a	0		19
Mo-93(n,ha)Sr-87g	TALYS-6a	0		26
Mo-93(n,ha)Sr-87m	TALYS-6a	0		25
Mo-93(n,4n2p)Zr-88	TALYS-6a	0	[8]	9
Mo-93(n,4npa)Y-85g	TALYS-6a	0		7
Mo-93(n,4npa)Y-85m	TALYS-6a	0		7
Mo-93(n,3p)Y-91g	TALYS-6a	0		27
Mo-93(n,3p)Y-91m	TALYS-6a	0		26
Mo-93(n,n'3p)Y-90g	TALYS-6a	0		19
Mo-93(n,n'3p)Y-90m	TALYS-6a	0		18
Mo-93(n,3n2pa)Sr-85g	TALYS-6a	0		8
Mo-93(n,3n2pa)Sr-85m	TALYS-6a	0		8
Mo-93m(n,2nd)Nb-90g	TALYS-6	0	[4]	23
Mo-93m(n,2nd)Nb-90m	TALYS-6	0	[4,7,8]	22
+Mo-93m(n,2nd)Nb-90n	TALYS-6	0	[4,7,8]	22
Mo-93m(n,2n)Mo-92	TALYS-6	0		57
Mo-93m(n,3n)Mo-91g	TALYS-6	0		24
Mo-93m(n,3n)Mo-91m	TALYS-6	0		24
Mo-93m(n,n'a)Zr-89g	TALYS-6	0		63
Mo-93m(n,n'a)Zr-89m	TALYS-6	0		59
Mo-93m(n,n'3a)Kr-81g	TALYS-6	0		15
Mo-93m(n,n'3a)Kr-81m	TALYS-6	0		14
Mo-93m(n,2na)Zr-88	TALYS-6	0	[8]	28
Mo-93m(n,3na)Zr-87g	TALYS-6	0		20
Mo-93m(n,3na)Zr-87m	TALYS-6	0		19
Mo-93m(n,n'p)Nb-92g	TALYS-6	0		57
Mo-93m(n,n'p)Nb-92m	TALYS-6	0		56
Mo-93m(n,n'2a)Sr-85g	TALYS-6	0		28
Mo-93m(n,n'2a)Sr-85m	TALYS-6	0		28
Mo-93m(n,2n2a)Sr-84	TALYS-6	0	[8]	20
Mo-93m(n,n'd)Nb-91g	TALYS-6	0		38
Mo-93m(n,n'd)Nb-91m	TALYS-6	0		37
>Mo-93m(n,n't)Nb-90g	TALYS-6	0	[4]	29
>Mo-93m(n,n't)Nb-90m	TALYS-6	0	[4,7,8]	28
+Mo-93m(n,n't)Nb-90n	TALYS-6	0	[4,7,8]	28
Mo-93m(n,n'h)Zr-90g	TALYS-6	0		34
Mo-93m(n,n'h)Zr-90m	TALYS-6	0		31
Mo-93m(n,n'd2a)Rb-83	TALYS-6	0	[8]	13
Mo-93m(n,4n)Mo-90	TALYS-6	0		18
Mo-93m(n,2np)Nb-91g	TALYS-6	0		34
Mo-93m(n,2np)Nb-91m	TALYS-6	0		34
Mo-93m(n,3np)Nb-90g	TALYS-6	0	[4]	21
Mo-93m(n,3np)Nb-90m	TALYS-6	0	[4,7,8]	21
+Mo-93m(n,3np)Nb-90n	TALYS-6	0	[4,7,8]	20
Mo-93m(n,n'2p)Zr-91	TALYS-6	0	[8]	35
Mo-93m(n,n'pa)Y-88	TALYS-6	0	[8]	32
Mo-93m(n,g)Mo-94	TALYS-6	0	[14]	100
Mo-93m(n,p)Nb-93g	TALYS-6	0	[4]	100
Mo-93m(n,p)Nb-93m	TALYS-6	0	[4]	100
Mo-93m(n,d)Nb-92g	TALYS-6	0		67
Mo-93m(n,d)Nb-92m	TALYS-6	0		65
Mo-93m(n,t)Nb-91g	TALYS-6	0		57
Mo-93m(n,t)Nb-91m	TALYS-6	0		55
Mo-93m(n,h)Zr-91	TALYS-6	0	[8]	54
Mo-93m(n,a)Zr-90g	TALYS-6	0	[2]	100
Mo-93m(n,a)Zr-90m	TALYS-6	0	[2]	100
Mo-93m(n,2a)Sr-86	TALYS-6	0		100
Mo-93m(n,2p)Zr-92	TALYS-6	0	[8]	34
Mo-93m(n,pa)Y-89g	TALYS-6	0		100
Mo-93m(n,pa)Y-89m	TALYS-6	0		100
Mo-93m(n,d2a)Rb-84g	TALYS-6	0		16
Mo-93m(n,d2a)Rb-84m	TALYS-6	0		17
Mo-93m(n,pd)Zr-91	TALYS-6	0	[8]	39
Mo-93m(n,pt)Zr-90g	TALYS-6	0		36
Mo-93m(n,pt)Zr-90m	TALYS-6	0		32
Mo-93m(n,da)Y-88	TALYS-6	0	[8]	35
Mo-93m(n,5n)Mo-89	TALYS-6	0		10
Mo-93m(n,6n)Mo-88	TALYS-6	0		5
Mo-93m(n,2nt)Nb-89g	TALYS-6	0	[4,8]	18
Mo-93m(n,2nt)Nb-89m	TALYS-6	0	[4,7,8,8]	17
Mo-93m(n,ta)Y-87g	TALYS-6	0		29
Mo-93m(n,ta)Y-87m	TALYS-6	0		29
Mo-93m(n,4np)Nb-89g	TALYS-6	0	[4,8]	13
Mo-93m(n,4np)Nb-89m	TALYS-6	0	[4,7,8,8]	12
Mo-93m(n,3nd)Nb-89g	TALYS-6	0	[4,8]	14
Mo-93m(n,3nd)Nb-89m	TALYS-6	0	[4,7,8,8]	13
Mo-93m(n,n'da)Y-87g	TALYS-6	0		23
Mo-93m(n,n'da)Y-87m	TALYS-6	0		23
Mo-93m(n,2npa)Y-87g	TALYS-6	0		22
Mo-93m(n,2npa)Y-87m	TALYS-6	0		22
Mo-93m(n,5np)Nb-88g	TALYS-6	0	[4]	7
Mo-93m(n,5np)Nb-88m	TALYS-6	0	[4,7,8]	7
Mo-93m(n,4na)Zr-86	TALYS-6	0	[8]	13
Mo-93m(n,4nd)Nb-88g	TALYS-6	0	[4,8]	8
Mo-93m(n,4nd)Nb-88m	TALYS-6	0	[4,7,8,8]	8
Mo-93m(n,3nt)Nb-88g	TALYS-6	0	[4,8]	11
Mo-93m(n,3nt)Nb-88m	TALYS-6	0	[4,7,8,8]	11
Mo-93m(n,4nt)Nb-87g	TALYS-6	0	[4,8]	6
Mo-93m(n,4nt)Nb-87m	TALYS-6	0	[4,7,8,8]	5
Mo-93m(n,2nh)Zr-89g	TALYS-6	0		21
Mo-93m(n,2nh)Zr-89m	TALYS-6	0		20
Mo-93m(n,3nh)Zr-88	TALYS-6	0	[8]	13
Mo-93m(n,4nh)Zr-87g	TALYS-6	0		8
Mo-93m(n,4nh)Zr-87m	TALYS-6	0		7
Mo-93m(n,3n2p)Zr-89g	TALYS-6	0		15
Mo-93m(n,3n2p)Zr-89m	TALYS-6	0		15
Mo-93m(n,3n2a)Sr-83g	TALYS-6	0		12
Mo-93m(n,3n2a)Sr-83m	TALYS-6	0		12
Mo-93m(n,3npa)Y-86g	TALYS-6	0		13
Mo-93m(n,3npa)Y-86m	TALYS-6	0		13
Mo-93m(n,dt)Zr-89g	TALYS-6	0		23
Mo-93m(n,dt)Zr-89m	TALYS-6	0		22
Mo-93m(n,n'pd)Zr-90g	TALYS-6	0		28
Mo-93m(n,n'pd)Zr-90m	TALYS-6	0		25
Mo-93m(n,n'pt)Zr-89g	TALYS-6	0		22
Mo-93m(n,n'pt)Zr-89m	TALYS-6	0		21
Mo-93m(n,n'dt)Zr-88	TALYS-6	0	[8]	15
Mo-93m(n,n'ph)Y-89g	TALYS-6	0		22
Mo-93m(n,n'ph)Y-89m	TALYS-6	0		21
Mo-93m(n,n'dh)Y-88	TALYS-6	0	[8]	14
Mo-93m(n,n'th)Y-87g	TALYS-6	0		12
Mo-93m(n,n'th)Y-87m	TALYS-6	0		12
Mo-93m(n,n'ta)Y-86g	TALYS-6	0		17
Mo-93m(n,n'ta)Y-86m	TALYS-6	0		17
Mo-93m(n,2n2p)Zr-90g	TALYS-6	0		26
Mo-93m(n,2n2p)Zr-90m	TALYS-6	0		24

Reaction	Library			
Mo-93m(n,ph)Y-90g	TALYS-6	0		28
Mo-93m(n,ph)Y-90m	TALYS-6	0		28
Mo-93m(n,dh)Y-89g	TALYS-6	0		22
Mo-93m(n,dh)Y-89m	TALYS-6	0		22
Mo-93m(n,ha)Sr-87g	TALYS-6	0		28
Mo-93m(n,ha)Sr-87m	TALYS-6	0		27
Mo-93m(n,4n2p)Zr-88	TALYS-6	0 [8]		10
Mo-93m(n,4npa)Y-85g	TALYS-6	0		8
Mo-93m(n,4npa)Y-85m	TALYS-6	0		8
Mo-93m(n,3p)Y-91g	TALYS-6	0		29
Mo-93m(n,3p)Y-91m	TALYS-6	0		29
Mo-93m(n,n'3p)Y-90g	TALYS-6	0		21
Mo-93m(n,n'3p)Y-90m	TALYS-6	0		21
Mo-93m(n,3n2pa)Sr-85g	TALYS-6	0		9
Mo-93m(n,3n2pa)Sr-85m	TALYS-6	0		8
Mo-94(n,2nd)Nb-91g	TALYS-6a	0		23
Mo-94(n,2nd)Nb-91m	TALYS-6a	0		22
Mo-94(n,2n)Mo-93g	ADL-3	2 [13,3]		45
Mo-94(n,2n)Mo-93m	ADL-3	4 [13,3]		41
Mo-94(n,3n)Mo-92	TALYS-6a	0		29
Mo-94(n,n'a)Zr-90g	TALYS-6a	0		63
Mo-94(n,n'a)Zr-90m	TALYS-6a	0		51
Mo-94(n,n'3a)Kr-82	TALYS-6a	0 [8]		15
Mo-94(n,2na)Zr-89g	TALYS-6a	0		30
Mo-94(n,2na)Zr-89m	TALYS-6a	0		29
Mo-94(n,3na)Zr-88	TALYS-6a	0 [8]		20
Mo-94(n,n'p)Nb-93g	TALYS-6a	0		43
Mo-94(n,n'p)Nb-93m	TALYS-6a	0		43
Mo-94(n,n'2a)Sr-86	TALYS-6a	0 [8]		29
Mo-94(n,2n2a)Sr-85g	TALYS-6a	0		17
Mo-94(n,2n2a)Sr-85m	TALYS-6a	0		17
Mo-94(n,n'd)Nb-92g	TALYS-6a	0		30
Mo-94(n,n'd)Nb-92m	TALYS-6a	0		30
Mo-94(n,n't)Nb-91g	TALYS-6a	0		28
Mo-94(n,n't)Nb-91m	TALYS-6a	0		28
Mo-94(n,n'h)Zr-91	TALYS-6a	0 [8]		28
Mo-94(n,4n)Mo-91g	TALYS-6a	0		16
Mo-94(n,4n)Mo-91m	TALYS-6a	0		16
Mo-94(n,2np)Nb-92g	TALYS-6a	0		29
Mo-94(n,2np)Nb-92m	TALYS-6a	0		28
Mo-94(n,3np)Nb-91g	TALYS-6a	0		21
Mo-94(n,3np)Nb-91m	TALYS-6a	0		21
Mo-94(n,n'2p)Zr-92	TALYS-6a	0 [8]		30
Mo-94(n,n'pa)Y-89g	TALYS-6a	0		32
Mo-94(n,n'pa)Y-89m	TALYS-6a	0		31
Mo-94(n,g)Mo-95	JEF-2.2	4 [13,4]		5930
>Mo-94(n,p)Nb-94g	CRP	1 [8,4,12,3]		59
>Mo-94(n,p)Nb-94m	CRP	3 [3,8,12,3]		59
Mo-94(n,d)Nb-93g	TALYS-6a	0		50
Mo-94(n,d)Nb-93m	TALYS-6a	0		50
Mo-94(n,t)Nb-92g	TALYS-6a	0		42
Mo-94(n,t)Nb-92m	TALYS-6a	0		41
Mo-94(n,h)Zr-92	TALYS-6a	0 [8]		42
Mo-94(n,a)Zr-91	TALYS-5	2 [9,3,3]		4344
Mo-94(n,2a)Sr-87g	TALYS-6a	0		46
Mo-94(n,2a)Sr-87m	TALYS-6a	0		44
Mo-94(n,2p)Zr-93	TALYS-6a	0 [8]		42
Mo-94(n,pa)Y-90g	TALYS-6a	0		46
Mo-94(n,pa)Y-90m	TALYS-6a	0		44
Mo-94(n,d2a)Rb-85	TALYS-6a	0 [8]		16
Mo-94(n,pd)Zr-92	TALYS-6a	0 [8]		32
Mo-94(n,pt)Zr-91	TALYS-6a	0 [8]		29
Mo-94(n,da)Y-89g	TALYS-6a	0		35
Mo-94(n,da)Y-89m	TALYS-6a	0		33
Mo-94(n,5n)Mo-90	TALYS-6a	0		11
Mo-94(n,6n)Mo-89	TALYS-6a	0		4
Mo-94(n,2nt)Nb-90g	TALYS-6	0 [4]		16
Mo-94(n,2nt)Nb-90m	TALYS-6	0 [4,7,8]		16
+Mo-94(n,2nt)Nb-90n	TALYS-6	0 [4,7,8]		15
Mo-94(n,ta)Y-88	TALYS-6	0 [8]		27
Mo-94(n,4np)Nb-90g	TALYS-6a	0 [4]		13
Mo-94(n,4np)Nb-90m	TALYS-6a	0 [4,7,8]		13
+Mo-94(n,4np)Nb-90n	TALYS-6a	0 [4,7,8]		11
Mo-94(n,3nd)Nb-90g	TALYS-6a	0 [4]		14
Mo-94(n,3nd)Nb-90m	TALYS-6a	0 [4,7,8]		13
+Mo-94(n,3nd)Nb-90n	TALYS-6a	0 [4,7,8]		13
Mo-94(n,n'da)Y-88	TALYS-6a	0 [8]		21
Mo-94(n,2npa)Y-88	TALYS-6a	0 [8]		19
Mo-94(n,5np)Nb-89g	TALYS-6a	0		8
Mo-94(n,5np)Nb-89m	TALYS-6a	0		8
Mo-94(n,4na)Zr-87g	TALYS-6a	0		12
Mo-94(n,4na)Zr-87m	TALYS-6a	0		12
Mo-94(n,5na)Zr-86	TALYS-6a	0 [8]		7
Mo-94(n,4nd)Nb-89g	TALYS-6a	0		8
Mo-94(n,4nd)Nb-89m	TALYS-6a	0		8
Mo-94(n,3nt)Nb-89g	TALYS-6a	0		11
Mo-94(n,3nt)Nb-89m	TALYS-6a	0		11
Mo-94(n,4nt)Nb-88g	TALYS-6a	0 [4,8]		5
Mo-94(n,4nt)Nb-88m	TALYS-6a	0 [4,7,8,8]		5
Mo-94(n,2nh)Zr-90g	TALYS-6a	0		21
Mo-94(n,2nh)Zr-90m	TALYS-6a	0		18
Mo-94(n,3nh)Zr-89g	TALYS-6a	0		13
Mo-94(n,3nh)Zr-89m	TALYS-6a	0		12
Mo-94(n,4nh)Zr-88	TALYS-6a	0 [8]		8
Mo-94(n,3n2p)Zr-90g	TALYS-6a	0		15
Mo-94(n,3n2p)Zr-90m	TALYS-6a	0		14
Mo-94(n,3n2a)Sr-84	TALYS-6a	0 [8]		12
Mo-94(n,3npa)Y-87g	TALYS-6a	0		13
Mo-94(n,3npa)Y-87m	TALYS-6a	0		13
Mo-94(n,dt)Zr-90g	TALYS-6a	0		23
Mo-94(n,dt)Zr-90m	TALYS-6a	0		20
Mo-94(n,n'pd)Zr-91	TALYS-6a	0 [8]		23
Mo-94(n,n'pt)Zr-90g	TALYS-6a	0		21
Mo-94(n,n'pt)Zr-90m	TALYS-6a	0		19
Mo-94(n,n'dt)Zr-89g	TALYS-6a	0		14
Mo-94(n,n'dt)Zr-89m	TALYS-6a	0		13
Mo-94(n,n'ph)Y-90g	TALYS-6a	0		16
Mo-94(n,n'ph)Y-90m	TALYS-6a	0		16
Mo-94(n,n'dh)Y-89g	TALYS-6a	0		13
Mo-94(n,n'dh)Y-89m	TALYS-6a	0		13
Mo-94(n,n'th)Y-88	TALYS-6a	0 [8]		11
Mo-94(n,n'ta)Y-87g	TALYS-6a	0		17
Mo-94(n,n'ta)Y-87m	TALYS-6a	0		17
Mo-94(n,2n2p)Zr-91	TALYS-6a	0 [8]		21
Mo-94(n,ph)Y-91g	TALYS-6a	0		24
Mo-94(n,ph)Y-91m	TALYS-6a	0		24
Mo-94(n,ha)Sr-88	TALYS-6a	0 [8]		28
Mo-94(n,4n2p)Zr-89g	TALYS-6a	0		9
Mo-94(n,4n2p)Zr-89m	TALYS-6a	0		9
Mo-94(n,4npa)Y-86g	TALYS-6a	0		7
Mo-94(n,4npa)Y-86m	TALYS-6a	0		7
Mo-94(n,3p)Y-92	TALYS-6a	0 [8,7,8]		23
Mo-94(n,n'3p)Y-91g	TALYS-6a	0		17
Mo-94(n,n'3p)Y-91m	TALYS-6a	0		16
Mo-94(n,3n2pa)Sr-86	TALYS-6a	0 [8]		9
Mo-95(n,2nd)Nb-92g	TALYS-6a	0		23
Mo-95(n,2nd)Nb-92m	TALYS-6a	0		23
Mo-95(n,2n)Mo-94	TALYS-6a	0		48
Mo-95(n,3n)Mo-93g	TALYS-6a	0 [4]		29
Mo-95(n,3n)Mo-93m	TALYS-5	5 [4,7,8]		26
Mo-95(n,n'a)Zr-91	TALYS-6a	0 [8]		62
Mo-95(n,n'3a)Kr-83g	TALYS-6a	0		14
Mo-95(n,n'3a)Kr-83m	TALYS-6a	0		14
Mo-95(n,2na)Zr-90g	TALYS-6a	0		37
Mo-95(n,2na)Zr-90m	TALYS-6a	0		33
Mo-95(n,3na)Zr-89g	TALYS-6a	0		22
Mo-95(n,3na)Zr-89m	TALYS-6a	0		21
Mo-95(n,n'p)Nb-94g	TALYS-6a	0		43
Mo-95(n,n'p)Nb-94m	TALYS-6a	0		43
Mo-95(n,n'2a)Sr-87g	TALYS-6a	0		31
Mo-95(n,n'2a)Sr-87m	TALYS-6a	0		30
Mo-95(n,2n2a)Sr-86	TALYS-6a	0 [8]		21
Mo-95(n,n'd)Nb-93g	TALYS-6a	0		32
Mo-95(n,n'd)Nb-93m	TALYS-6a	0		32
Mo-95(n,n't)Nb-92g	TALYS-6a	0		29
Mo-95(n,n't)Nb-92m	TALYS-6a	0		29
Mo-95(n,n'h)Zr-92	TALYS-6a	0 [8]		29
Mo-95(n,n'd2a)Rb-85	TALYS-6a	0 [8]		12
Mo-95(n,4n)Mo-92	TALYS-6a	0		21
Mo-95(n,2np)Nb-93g	TALYS-6a	0		30
Mo-95(n,2np)Nb-93m	TALYS-6a	0		30
Mo-95(n,3np)Nb-92g	TALYS-6a	0		21
Mo-95(n,3np)Nb-92m	TALYS-6a	0		21
Mo-95(n,n'2p)Zr-93	TALYS-6a	0 [8]		29
Mo-95(n,n'pa)Y-90g	TALYS-6a	0		31
Mo-95(n,n'pa)Y-90m	TALYS-6a	0		30
Mo-95(n,g)Mo-96	JEF-2.2	4 [9,2]		11857
Mo-95(n,p)Nb-95g	TALYS-5a	6 [3]		85
Mo-95(n,p)Nb-95m	TALYS-5a	6 [3]		83
Mo-95(n,d)Nb-94g	TALYS-6a	0		49
Mo-95(n,d)Nb-94m	TALYS-6a	0		49
Mo-95(n,t)Nb-93g	TALYS-6a	0		45
Mo-95(n,t)Nb-93m	TALYS-6a	0		44
Mo-95(n,h)Zr-93	TALYS-6a	0 [8]		41
Mo-95(n,a)Zr-92	TALYS-5	4 [9,2,3]		11623
Mo-95(n,2a)Sr-88	TALYS-6a	0		100
Mo-95(n,2p)Zr-94	TALYS-6a	0 [8]		44
Mo-95(n,pa)Y-91g	TALYS-6a	0		48
Mo-95(n,pa)Y-91m	TALYS-6a	0		46
Mo-95(n,pd)Zr-93	TALYS-6a	0 [8]		31
Mo-95(n,pt)Zr-92	TALYS-6a	0 [8]		30
Mo-95(n,da)Y-90g	TALYS-6a	0		33
Mo-95(n,da)Y-90m	TALYS-6a	0		32
Mo-95(n,5n)Mo-91g	TALYS-6a	0		12
Mo-95(n,5n)Mo-91m	TALYS-6a	0		12
Mo-95(n,6n)Mo-90	TALYS-6a	0		7
Mo-95(n,2nt)Nb-91g	TALYS-6a	0		21
Mo-95(n,2nt)Nb-91m	TALYS-6a	0		21
Mo-95(n,ta)Y-89g	TALYS-6a	0		31
Mo-95(n,ta)Y-89m	TALYS-6a	0		31
Mo-95(n,4np)Nb-91g	TALYS-6a	0		15
Mo-95(n,4np)Nb-91m	TALYS-6a	0		15
Mo-95(n,3nd)Nb-91g	TALYS-6a	0		16
Mo-95(n,3nd)Nb-91m	TALYS-6a	0		16
Mo-95(n,n'da)Y-89g	TALYS-6a	0		25
Mo-95(n,n'da)Y-89m	TALYS-6a	0		24
Mo-95(n,2npa)Y-89g	TALYS-6a	0		24
Mo-95(n,2npa)Y-89m	TALYS-6a	0		23
Mo-95(n,5np)Nb-90g	TALYS-6a	0 [4]		9
Mo-95(n,5np)Nb-90m	TALYS-6a	0 [4,7,8]		9
+Mo-95(n,5np)Nb-90n	TALYS-6a	0 [4,7,8]		8
Mo-95(n,4na)Zr-88	TALYS-6a	0 [8]		14
Mo-95(n,5na)Zr-87g	TALYS-6a	0		8
Mo-95(n,5na)Zr-87m	TALYS-6a	0		8
Mo-95(n,4nd)Nb-90g	TALYS-6a	0 [4]		10
Mo-95(n,4nd)Nb-90m	TALYS-6a	0 [4,7,8]		10
+Mo-95(n,4nd)Nb-90n	TALYS-6a	0 [4,7,8]		9
Mo-95(n,5nd)Nb-89g	TALYS-6a	0		5
Mo-95(n,5nd)Nb-89m	TALYS-6a	0		5
Mo-95(n,3nt)Nb-90g	TALYS-6a	0 [4]		13
Mo-95(n,3nt)Nb-90m	TALYS-6a	0 [4,7,8]		13
+Mo-95(n,3nt)Nb-90n	TALYS-6a	0 [4,7,8]		12
Mo-95(n,4nt)Nb-89g	TALYS-6a	0		8
Mo-95(n,4nt)Nb-89m	TALYS-6a	0		7
Mo-95(n,2nh)Zr-91	TALYS-6a	0 [8]		21
Mo-95(n,3nh)Zr-90g	TALYS-6a	0		15
Mo-95(n,3nh)Zr-90m	TALYS-6a	0		14
Mo-95(n,4nh)Zr-89g	TALYS-6a	0		9
Mo-95(n,4nh)Zr-89m	TALYS-6a	0		9
Mo-95(n,3n2p)Zr-91	TALYS-6a	0 [8]		15
Mo-95(n,3n2a)Sr-85g	TALYS-6a	0		13
Mo-95(n,3n2a)Sr-85m	TALYS-6a	0		12
Mo-95(n,3npa)Y-88	TALYS-6a	0 [8]		14
Mo-95(n,dt)Zr-91	TALYS-6a	0 [8]		22
Mo-95(n,n'pd)Zr-92	TALYS-6a	0 [8]		24
Mo-95(n,n'pt)Zr-91	TALYS-6a	0 [8]		21

Mo-95(n,n'dt)Zr-90g	TALYS-6a	0		16
Mo-95(n,n'dt)Zr-90m	TALYS-6a	0		15
Mo-95(n,n'ph)Y-91g	TALYS-6a	0		16
Mo-95(n,n'ph)Y-91m	TALYS-6a	0		16
Mo-95(n,n'dh)Y-90g	TALYS-6a	0		13
Mo-95(n,n'dh)Y-90m	TALYS-6a	0		13
Mo-95(n,n'th)Y-89g	TALYS-6a	0		12
Mo-95(n,n'th)Y-89m	TALYS-6a	0		12
Mo-95(n,n'ta)Y-88	TALYS-6a	0 [8]		19
Mo-95(n,2n2p)Zr-92	TALYS-6a	0 [8]		22
Mo-95(n,ph)Y-92	TALYS-6a	0 [8,7,8]		23
Mo-95(n,ha)Sr-89	TALYS-6a	0 [8]		27
Mo-95(n,4n2p)Zr-90g	TALYS-6a	0		11
Mo-95(n,4n2p)Zr-90m	TALYS-6a	0		10
Mo-95(n,4n2a)Sr-84	TALYS-6a	0 [8]		8
Mo-95(n,4npa)Y-87g	TALYS-6a	0		9
Mo-95(n,4npa)Y-87m	TALYS-6a	0		9
Mo-95(n,n'3p)Y-92	TALYS-6a	0 [8,7,8]		16
Mo-95(n,3n2pa)Sr-87g	TALYS-6a	0		9
Mo-95(n,3n2pa)Sr-87m	TALYS-6a	0		9
Mo-95(n,5n2p)Zr-89g	TALYS-6a	0		5
Mo-95(n,5n2p)Zr-89m	TALYS-6a	0		5
Mo-96(n,2nd)Nb-93g	TALYS-6a	0		23
Mo-96(n,2nd)Nb-93m	TALYS-6a	0		23
Mo-96(n,2n)Mo-95	TALYS-6a	0		43
Mo-96(n,3n)Mo-94	TALYS-6a	0		30
Mo-96(n,n'a)Zr-92	TALYS-6a	0 [8]		59
Mo-96(n,2na)Zr-91	TALYS-6a	0 [8]		34
Mo-96(n,3na)Zr-90g	TALYS-6a	0		25
Mo-96(n,3na)Zr-90m	TALYS-6a	0		23
Mo-96(n,n'p)Nb-95g	TALYS-6a	0		42
Mo-96(n,n'p)Nb-95m	TALYS-6a	0		41
Mo-96(n,n'2a)Sr-88	TALYS-6a	0 [8]		35
Mo-96(n,2n2a)Sr-87g	TALYS-6a	0		21
Mo-96(n,2n2a)Sr-87m	TALYS-6a	0		20
Mo-96(n,n'd)Nb-94g	TALYS-6a	0		30
Mo-96(n,n'd)Nb-94m	TALYS-6a	0		30
Mo-96(n,n't)Nb-93g	TALYS-6a	0		29
Mo-96(n,n't)Nb-93m	TALYS-6a	0		29
Mo-96(n,n'h)Zr-93	TALYS-6a	0 [8]		27
Mo-96(n,4n)Mo-93g	TALYS-6a	0 [4]		20
Mo-96(n,4n)Mo-93m	TALYS-6a	0 [4,7,8]		17
Mo-96(n,2np)Nb-94g	TALYS-6a	0		28
Mo-96(n,2np)Nb-94m	TALYS-6a	0		28
Mo-96(n,3np)Nb-93g	TALYS-6a	0		21
Mo-96(n,3np)Nb-93m	TALYS-6a	0		21
Mo-96(n,n'2p)Zr-94	TALYS-6a	0 [8]		28
Mo-96(n,n'pa)Y-91g	TALYS-6a	0		30
Mo-96(n,n'pa)Y-91m	TALYS-6a	0		29
>Mo-96(n,g)Mo-97	JEF-2.2	4 [13,3]		8650
Mo-96(n,p)Nb-96	ADL-3	6 [3,12,3]		45
Mo-96(n,d)Nb-95g	TALYS-6a	0		46
Mo-96(n,d)Nb-95m	TALYS-6a	0		45
Mo-96(n,t)Nb-94g	TALYS-6a	0		40
Mo-96(n,t)Nb-94m	TALYS-6a	0		40
Mo-96(n,h)Zr-94	TALYS-6a	0 [8]		39
Mo-96(n,a)Zr-93	TALYS-5	2 [9,3,3]		4040
Mo-96(n,2a)Sr-89	TALYS-6a	0		100
Mo-96(n,2p)Zr-95	TALYS-6a	0 [8]		38
Mo-96(n,pa)Y-92	TALYS-6a	0 [8,7,8]		41
Mo-96(n,pd)Zr-94	TALYS-6a	0 [8]		30
Mo-96(n,pt)Zr-93	TALYS-6a	0 [8]		27
Mo-96(n,da)Y-91g	TALYS-6a	0		31
Mo-96(n,da)Y-91m	TALYS-6a	0		31
Mo-96(n,5n)Mo-92	TALYS-6a	0		14
Mo-96(n,6n)Mo-91g	TALYS-6a	0		8
Mo-96(n,6n)Mo-91m	TALYS-6a	0		7
Mo-96(n,2nt)Nb-92g	TALYS-6a	0		20
Mo-96(n,2nt)Nb-92m	TALYS-6a	0		20
Mo-96(n,ta)Y-90g	TALYS-6a	0		29
Mo-96(n,ta)Y-90m	TALYS-6a	0		28
Mo-96(n,4np)Nb-92g	TALYS-6a	0		14
Mo-96(n,4np)Nb-92m	TALYS-6a	0		14
Mo-96(n,3nd)Nb-92g	TALYS-6a	0		15
Mo-96(n,3nd)Nb-92m	TALYS-6a	0		15
Mo-96(n,n'da)Y-90g	TALYS-6a	0		23
Mo-96(n,n'da)Y-90m	TALYS-6a	0		22
Mo-96(n,2npa)Y-90g	TALYS-6a	0		21
Mo-96(n,2npa)Y-90m	TALYS-6a	0		21
Mo-96(n,5np)Nb-91g	TALYS-6a	0		10
Mo-96(n,5np)Nb-91m	TALYS-6a	0		10
Mo-96(n,6np)Nb-90g	TALYS-6a	0 [4]		4
Mo-96(n,6np)Nb-90m	TALYS-6a	0 [4,7,8]		4
+Mo-96(n,6np)Nb-90n	TALYS-6a	0 [4,7,8]		3
Mo-96(n,4na)Zr-89g	TALYS-6a	0		15
Mo-96(n,4na)Zr-89m	TALYS-6a	0		15
Mo-96(n,5na)Zr-88	TALYS-6a	0 [8]		10
Mo-96(n,4nd)Nb-91g	TALYS-6a	0		11
Mo-96(n,4nd)Nb-91m	TALYS-6a	0		11
Mo-96(n,5nd)Nb-90g	TALYS-6a	0 [4]		5
Mo-96(n,5nd)Nb-90m	TALYS-6a	0 [4,7,8]		5
+Mo-96(n,5nd)Nb-90n	TALYS-6a	0 [4,7,8]		4
Mo-96(n,3nt)Nb-91g	TALYS-6a	0		14
Mo-96(n,3nt)Nb-91m	TALYS-6a	0		14
Mo-96(n,4nt)Nb-90g	TALYS-6a	0 [4]		8
Mo-96(n,4nt)Nb-90m	TALYS-6a	0 [4,7,8]		8
+Mo-96(n,4nt)Nb-90n	TALYS-6a	0 [4,7,8]		7
Mo-96(n,2nh)Zr-92	TALYS-6a	0 [8]		20
Mo-96(n,3nh)Zr-91	TALYS-6a	0 [8]		14
Mo-96(n,4nh)Zr-90g	TALYS-6a	0		15
Mo-96(n,4nh)Zr-90m	TALYS-6a	0		14
Mo-96(n,3n2p)Zr-92	TALYS-6a	0 [8]		15
Mo-96(n,3n2a)Sr-86	TALYS-6a	0 [8]		14
Mo-96(n,3npa)Y-89g	TALYS-6a	0		15
Mo-96(n,3npa)Y-89m	TALYS-6a	0		15
Mo-96(n,dt)Zr-92	TALYS-6a	0 [8]		22
Mo-96(n,n'pd)Zr-93	TALYS-6a	0 [8]		21
Mo-96(n,n'pt)Zr-92	TALYS-6a	0 [8]		21
Mo-96(n,n'dt)Zr-91	TALYS-6a	0 [8]		15

Mo-96(n,n'ph)Y-92	TALYS-6a	0 [8,7,8]		15
Mo-96(n,n'dh)Y-91g	TALYS-6a	0		12
Mo-96(n,n'dh)Y-91m	TALYS-6a	0		12
Mo-96(n,n'ta)Y-89g	TALYS-6a	0		22
Mo-96(n,n'ta)Y-89m	TALYS-6a	0		21
Mo-96(n,2n2p)Zr-93	TALYS-6a	0 [8]		20
Mo-96(n,4n2p)Zr-91	TALYS-6a	0 [8]		10
Mo-96(n,4n2a)Sr-85g	TALYS-6a	0		8
Mo-96(n,4n2a)Sr-85m	TALYS-6a	0		8
Mo-96(n,4npa)Y-88	TALYS-6a	0 [8]		9
Mo-96(n,n'3p)Y-93g	TALYS-6a	0		15
Mo-96(n,n'3p)Y-93m	TALYS-6a	0		15
Mo-96(n,3n2pa)Sr-88	TALYS-6a	0 [8]		10
Mo-96(n,5n2p)Zr-90g	TALYS-6a	0		7
Mo-96(n,5n2p)Zr-90m	TALYS-6a	0		6
Mo-97(n,2nd)Nb-94g	TALYS-6a	0		23
Mo-97(n,2nd)Nb-94m	TALYS-6a	0		23
Mo-97(n,2n)Mo-96	TALYS-6a	0		51
Mo-97(n,3n)Mo-95	TALYS-6a	0		30
Mo-97(n,n'a)Zr-93	TALYS-6a	0 [8]		59
Mo-97(n,2na)Zr-92	TALYS-6a	0 [8]		37
Mo-97(n,3na)Zr-91	TALYS-6a	0 [8]		26
Mo-97(n,n'p)Nb-96	TALYS-6a	0 [8]		42
Mo-97(n,n'2a)Sr-89	TALYS-6a	0 [8]		33
Mo-97(n,2n2a)Sr-88	TALYS-6a	0 [8]		26
Mo-97(n,n'd)Nb-95g	TALYS-6a	0		31
Mo-97(n,n'd)Nb-95m	TALYS-6a	0		31
Mo-97(n,n't)Nb-94g	TALYS-6a	0		29
Mo-97(n,n't)Nb-94m	TALYS-6a	0		29
Mo-97(n,n'h)Zr-94	TALYS-6a	0 [8]		28
Mo-97(n,4n)Mo-94	TALYS-6a	0		23
Mo-97(n,2np)Nb-95g	TALYS-6a	0		30
Mo-97(n,2np)Nb-95m	TALYS-6a	0		30
Mo-97(n,3np)Nb-94g	TALYS-6a	0		21
Mo-97(n,3np)Nb-94m	TALYS-6a	0		21
Mo-97(n,n'2p)Zr-95	TALYS-6a	0 [8]		27
Mo-97(n,n'pa)Y-92	TALYS-6a	0 [8,7,8]		29
Mo-97(n,g)Mo-98	JEF-2.2	4 [9,2]		13597
>Mo-97(n,p)Nb-97g	JENDL-3.2	4 [4,12,3]		472
>Mo-97(n,p)Nb-97m	JENDL-3.2	4 [4,7,8,3,12,3]		471
Mo-97(n,d)Nb-96	TALYS-6a	0 [8]		46
Mo-97(n,t)Nb-95g	TALYS-6a	0		44
Mo-97(n,t)Nb-95m	TALYS-6a	0		44
Mo-97(n,h)Zr-95	TALYS-6a	0 [8]		38
Mo-97(n,a)Zr-94	TALYS-5	2 [9,2,3]		13479
Mo-97(n,2a)Sr-90	TALYS-6a	0		100
Mo-97(n,2p)Zr-96	TALYS-6a	0 [8]		40
Mo-97(n,pa)Y-93g	TALYS-6a	0		42
Mo-97(n,pa)Y-93m	TALYS-6a	0		41
Mo-97(n,pd)Zr-95	TALYS-6a	0 [8]		29
Mo-97(n,pt)Zr-94	TALYS-6a	0 [8]		29
Mo-97(n,da)Y-92	TALYS-6a	0 [8,7,8]		31
Mo-97(n,5n)Mo-93g	TALYS-6a	0 [4]		15
Mo-97(n,5n)Mo-93m	TALYS-6a	0 [4,7,8]		13
Mo-97(n,6n)Mo-92	TALYS-6a	0		11
Mo-97(n,2nt)Nb-93g	TALYS-6a	0		22
Mo-97(n,2nt)Nb-93m	TALYS-6a	0		22
Mo-97(n,ta)Y-91g	TALYS-6a	0		30
Mo-97(n,ta)Y-91m	TALYS-6a	0		30
Mo-97(n,4np)Nb-93g	TALYS-6a	0		15
Mo-97(n,4np)Nb-93m	TALYS-6a	0		15
Mo-97(n,3nd)Nb-93g	TALYS-6a	0		16
Mo-97(n,3nd)Nb-93m	TALYS-6a	0		16
Mo-97(n,n'da)Y-91g	TALYS-6a	0		24
Mo-97(n,n'da)Y-91m	TALYS-6a	0		23
Mo-97(n,2npa)Y-91g	TALYS-6a	0		22
Mo-97(n,2npa)Y-91m	TALYS-6a	0		22
Mo-97(n,7n)Mo-91g	TALYS-6a	0		4
Mo-97(n,7n)Mo-91m	TALYS-6a	0		4
Mo-97(n,5np)Nb-92g	TALYS-6a	0		11
Mo-97(n,5np)Nb-92m	TALYS-6a	0		11
Mo-97(n,6np)Nb-91g	TALYS-6a	0		7
Mo-97(n,6np)Nb-91m	TALYS-6a	0		7
Mo-97(n,4na)Zr-90g	TALYS-6a	0		18
Mo-97(n,4na)Zr-90m	TALYS-6a	0		16
Mo-97(n,5na)Zr-89g	TALYS-6a	0		11
Mo-97(n,5na)Zr-89m	TALYS-6a	0		11
Mo-97(n,6na)Zr-88	TALYS-6a	0 [8]		6
Mo-97(n,4nd)Nb-92g	TALYS-6a	0		12
Mo-97(n,4nd)Nb-92m	TALYS-6a	0		12
Mo-97(n,5nd)Nb-91g	TALYS-6a	0		8
Mo-97(n,5nd)Nb-91m	TALYS-6a	0		8
Mo-97(n,3nt)Nb-92g	TALYS-6a	0		15
Mo-97(n,3nt)Nb-92m	TALYS-6a	0		15
Mo-97(n,4nt)Nb-91g	TALYS-6a	0		10
Mo-97(n,4nt)Nb-91m	TALYS-6a	0		10
Mo-97(n,5nt)Nb-90g	TALYS-6a	0 [4]		5
Mo-97(n,5nt)Nb-90m	TALYS-6a	0 [4,7,8]		5
+Mo-97(n,5nt)Nb-90n	TALYS-6a	0 [4,7,8]		4
Mo-97(n,2nh)Zr-93	TALYS-6a	0 [8]		20
Mo-97(n,3nh)Zr-92	TALYS-6a	0 [8]		15
Mo-97(n,4nh)Zr-91	TALYS-6a	0 [8]		11
Mo-97(n,3n2p)Zr-93	TALYS-6a	0 [8]		15
Mo-97(n,3n2a)Sr-87g	TALYS-6a	0		15
Mo-97(n,3n2a)Sr-87m	TALYS-6a	0		14
Mo-97(n,3npa)Y-90g	TALYS-6a	0		15
Mo-97(n,3npa)Y-90m	TALYS-6a	0		15
Mo-97(n,dt)Zr-93	TALYS-6a	0 [8]		21
Mo-97(n,n'pd)Zr-94	TALYS-6a	0 [8]		23
Mo-97(n,n'pt)Zr-93	TALYS-6a	0 [8]		20
Mo-97(n,n'dt)Zr-92	TALYS-6a	0 [8]		15
Mo-97(n,n'ph)Y-93g	TALYS-6a	0		15
Mo-97(n,n'ph)Y-93m	TALYS-6a	0		15
Mo-97(n,n'dh)Y-92	TALYS-6a	0 [8,7,8]		12
Mo-97(n,n'ta)Y-90g	TALYS-6a	0		22
Mo-97(n,n'ta)Y-90m	TALYS-6a	0		21
Mo-97(n,2n2p)Zr-94	TALYS-6a	0 [8]		21

Mo-97(n,4n2p)Zr-92	TALYS-6a	0 [8]	11	Mo-99(n,n'h)Zr-96	TALYS-6a	0 [8]	28
Mo-97(n,4n2a)Sr-86	TALYS-6a	0 [8]	10	Mo-99(n,4n)Mo-96	TALYS-6a	0	25
Mo-97(n,4npa)Y-89g	TALYS-6a	0	12	Mo-99(n,2np)Nb-97g	TALYS-6a	0	30
Mo-97(n,4npa)Y-89m	TALYS-6a	0	11	Mo-99(n,2np)Nb-97m	TALYS-6a	0	29
Mo-97(n,n'3p)Y-94	TALYS-6a	0 [8]	14	Mo-99(n,3np)Nb-96	TALYS-6a	0	22
Mo-97(n,5n2p)Zr-91	TALYS-6a	0 [8]	7	Mo-99(n,n'2p)Zr-97	TALYS-6a	0 [8]	26
Mo-98(n,2nd)Nb-95g	TALYS-6a	0	23	Mo-99(n,n'pa)Y-94	TALYS-6a	0 [8]	27
Mo-98(n,2nd)Nb-95m	TALYS-6a	0	23	>Mo-99(n,g)Mo-100	TALYS-6a	0	100
Mo-98(n,2n)Mo-97	TALYS-6a	0	44	Mo-99(n,p)Nb-99g	TALYS-6a	0 [2]	69
Mo-98(n,3n)Mo-96	TALYS-6a	0	31	Mo-99(n,p)Nb-99m	TALYS-6a	0 [2]	67
Mo-98(n,n'a)Zr-94	EFF-2.4	2 [13]	184	Mo-99(n,d)Nb-98g	TALYS-6a	0	45
Mo-98(n,2na)Zr-93	TALYS-6a	0 [8]	33	Mo-99(n,d)Nb-98m	TALYS-6a	0	44
Mo-98(n,3na)Zr-92	TALYS-6a	0 [8]	25	Mo-99(n,t)Nb-97g	TALYS-6a	0	45
Mo-98(n,n'p)Nb-97g	TALYS-6a	0	41	Mo-99(n,t)Nb-97m	TALYS-6a	0	44
Mo-98(n,n'p)Nb-97m	TALYS-6a	0	39	Mo-99(n,h)Zr-97	TALYS-6a	0 [8]	36
Mo-98(n,n'2a)Sr-90	TALYS-6a	0 [8]	31	Mo-99(n,a)Zr-96	TALYS-6a	0 [2]	100
Mo-98(n,2n2a)Sr-89	TALYS-6a	0 [8]	23	Mo-99(n,2a)Sr-92	TALYS-6a	0 [7]	100
Mo-98(n,n'd)Nb-96	TALYS-6a	0 [8]	30	Mo-99(n,2p)Zr-98	TALYS-6a	0 [8,7,8]	33
Mo-98(n,n't)Nb-95g	TALYS-6a	0	29	Mo-99(n,pa)Y-95	TALYS-6a	0 [8,7,8]	39
Mo-98(n,n't)Nb-95m	TALYS-6a	0	29	Mo-99(n,pd)Zr-97	TALYS-6a	0 [8]	28
Mo-98(n,n'h)Zr-95	TALYS-6a	0 [8]	26	Mo-99(n,pt)Zr-96	TALYS-6a	0 [8]	29
Mo-98(n,4n)Mo-95	TALYS-6a	0	22	Mo-99(n,da)Y-94	TALYS-6a	0 [8]	29
Mo-98(n,2np)Nb-96	TALYS-6a	0	28	Mo-99(n,5n)Mo-95	TALYS-6a	0	16
Mo-98(n,3np)Nb-95g	TALYS-6a	0	21	Mo-99(n,6n)Mo-94	TALYS-6a	0	12
Mo-98(n,3np)Nb-95m	TALYS-6a	0	21	Mo-99(n,2nt)Nb-95g	TALYS-6a	0	23
Mo-98(n,n'2p)Zr-96	TALYS-6a	0 [8]	27	Mo-99(n,2nt)Nb-95m	TALYS-6a	0	23
Mo-98(n,n'pa)Y-93g	TALYS-6a	0	28	Mo-99(n,ta)Y-93g	TALYS-6a	0	29
Mo-98(n,n'pa)Y-93m	TALYS-6a	0	27	Mo-99(n,ta)Y-93m	TALYS-6a	0	29
Mo-98(n,g)Mo-99	JEF-2.2	6 [13]		Mo-99(n,4np)Nb-95g	TALYS-6a	0	16
14842				Mo-99(n,4np)Nb-95m	TALYS-6a	0	16
Mo-98(n,p)Nb-98g	TALYS-6a	0 [2]	64	Mo-99(n,3nd)Nb-95g	TALYS-6a	0	17
Mo-98(n,p)Nb-98m	TALYS-6	5	63	Mo-99(n,3nd)Nb-95m	TALYS-6a	0	17
Mo-98(n,d)Nb-97g	TALYS-6a	0	45	Mo-99(n,n'da)Y-93g	TALYS-6a	0	23
Mo-98(n,d)Nb-97m	TALYS-6a	0	44	Mo-99(n,n'da)Y-93m	TALYS-6a	0	22
Mo-98(n,t)Nb-96	TALYS-5	5 [8]	40	Mo-99(n,2npa)Y-93g	TALYS-6a	0	21
Mo-98(n,h)Zr-96	TALYS-6a	0 [8]	36	Mo-99(n,2npa)Y-93m	TALYS-6a	0	21
Mo-98(n,a)Zr-95	TALYS-5	5 [9,3,3]	7259	Mo-99(n,7n)Mo-93g	TALYS-6a	0 [4]	7
Mo-98(n,2a)Sr-91	TALYS-6a	0 [8]	43	Mo-99(n,7n)Mo-93m	TALYS-6a	0 [4,7,8]	5
Mo-98(n,2p)Zr-97	TALYS-6a	0 [8]	33	Mo-99(n,5np)Nb-94g	TALYS-6a	0	12
Mo-98(n,pa)Y-94	TALYS-6a	0 [8]	36	Mo-99(n,5np)Nb-94m	TALYS-6a	0	12
Mo-98(n,pd)Zr-96	TALYS-6a	0 [8]	28	Mo-99(n,6np)Nb-93g	TALYS-6a	0	8
Mo-98(n,pt)Zr-95	TALYS-6a	0 [8]	26	Mo-99(n,6np)Nb-93m	TALYS-6a	0	8
Mo-98(n,da)Y-93g	TALYS-6a	0	29	Mo-99(n,4na)Zr-92	TALYS-6a	0 [8]	19
Mo-98(n,da)Y-93m	TALYS-6a	0	29	Mo-99(n,5na)Zr-91	TALYS-6a	0 [8]	13
Mo-98(n,5n)Mo-94	TALYS-6a	0	15	Mo-99(n,6na)Zr-90g	TALYS-6a	0	10
Mo-98(n,6n)Mo-93g	TALYS-6a	0 [4]	10	Mo-99(n,6na)Zr-90m	TALYS-6a	0	9
Mo-98(n,6n)Mo-93m	TALYS-6a	0 [4,7,8]	8	Mo-99(n,4nd)Nb-94g	TALYS-6a	0	13
Mo-98(n,2nt)Nb-94g	TALYS-6a	0	20	Mo-99(n,4nd)Nb-94m	TALYS-6a	0	12
Mo-98(n,2nt)Nb-94m	TALYS-6a	0	20	Mo-99(n,5nd)Nb-93g	TALYS-6a	0	9
Mo-98(n,ta)Y-92	TALYS-6a	0 [8,7,8]	28	Mo-99(n,5nd)Nb-93m	TALYS-6a	0	9
Mo-98(n,4np)Nb-94g	TALYS-6a	0	15	Mo-99(n,6nd)Nb-92g	TALYS-6a	0	5
Mo-98(n,4np)Nb-94m	TALYS-6a	0	15	Mo-99(n,6nd)Nb-92m	TALYS-6a	0	4
Mo-98(n,3nd)Nb-94g	TALYS-6a	0	16	Mo-99(n,3nt)Nb-94g	TALYS-6a	0	15
Mo-98(n,3nd)Nb-94m	TALYS-6a	0	16	Mo-99(n,3nt)Nb-94m	TALYS-6a	0	15
Mo-98(n,n'da)Y-92	TALYS-6a	0 [8,7,8]	22	Mo-99(n,4nt)Nb-93g	TALYS-6a	0	12
Mo-98(n,2npa)Y-92	TALYS-6a	0 [8,7,8]	20	Mo-99(n,4nt)Nb-93m	TALYS-6a	0	12
Mo-98(n,7n)Mo-92	TALYS-6a	0	6	Mo-99(n,5nt)Nb-92g	TALYS-6a	0	7
Mo-98(n,5np)Nb-93g	TALYS-6a	0	11	Mo-99(n,5nt)Nb-92m	TALYS-6a	0	7
Mo-98(n,5np)Nb-93m	TALYS-6a	0	11	Mo-99(n,2nh)Zr-95	TALYS-6a	0 [8]	20
Mo-98(n,6np)Nb-92g	TALYS-6a	0	7	Mo-99(n,3nh)Zr-94	TALYS-6a	0 [8]	15
Mo-98(n,6np)Nb-92m	TALYS-6a	0	7	Mo-99(n,4nh)Zr-93	TALYS-6a	0 [8]	11
Mo-98(n,4na)Zr-91	TALYS-6a	0 [8]	17	Mo-99(n,3n2p)Zr-95	TALYS-6a	0 [8]	14
Mo-98(n,5na)Zr-90g	TALYS-6a	0	13	Mo-99(n,3n2a)Sr-89	TALYS-6a	0 [8]	17
Mo-98(n,5na)Zr-90m	TALYS-6a	0	12	Mo-99(n,3npa)Y-92	TALYS-6a	0 [8,7,8]	15
Mo-98(n,6na)Zr-89g	TALYS-6a	0	7	Mo-99(n,n'pd)Zr-96	TALYS-6a	0 [8]	22
Mo-98(n,6na)Zr-89m	TALYS-6a	0	6	Mo-99(n,n'pt)Zr-95	TALYS-6a	0 [8]	20
Mo-98(n,4nd)Nb-93g	TALYS-6a	0	12	Mo-99(n,n'dt)Zr-94	TALYS-6a	0 [8]	16
Mo-98(n,4nd)Nb-93m	TALYS-6a	0	12	Mo-99(n,n'ph)Y-95	TALYS-6a	0 [8,7,8]	14
Mo-98(n,5nd)Nb-92g	TALYS-6a	0	7	Mo-99(n,n'ta)Y-92	TALYS-6a	0 [8,7,8]	22
Mo-98(n,5nd)Nb-92m	TALYS-6a	0	7	Mo-99(n,2n2p)Zr-96	TALYS-6a	0	20
Mo-98(n,3nt)Nb-93g	TALYS-6a	0	15	Mo-99(n,4n2p)Zr-94	TALYS-6a	0 [8]	11
Mo-98(n,3nt)Nb-93m	TALYS-6a	0	15	Mo-99(n,4n2a)Sr-88	TALYS-6a	0 [8]	13
Mo-98(n,4nt)Nb-92g	TALYS-6a	0	10	Mo-99(n,4npa)Y-91g	TALYS-6a	0	12
Mo-98(n,4nt)Nb-92m	TALYS-6a	0	10	Mo-99(n,4npa)Y-91m	TALYS-6a	0	12
Mo-98(n,5nt)Nb-91g	TALYS-6a	0	6	Mo-99(n,5n2p)Zr-93	TALYS-6a	0 [8]	7
Mo-98(n,5nt)Nb-91m	TALYS-6a	0	6	Mo-100(n,2nd)Nb-97g	TALYS-6a	0	24
Mo-98(n,2nh)Zr-94	TALYS-6a	0 [8]	20	Mo-100(n,2nd)Nb-97m	TALYS-6a	0	23
Mo-98(n,3nh)Zr-93	TALYS-6a	0 [8]	14	Mo-100(n,2n)Mo-99	JENDL-3.2/A	6 [13,3]	38
Mo-98(n,4nh)Zr-92	TALYS-6a	0 [8]	10	Mo-100(n,3n)Mo-98	TALYS-6a	0	33
Mo-98(n,3n2p)Zr-94	TALYS-6a	0 [8]	14	Mo-100(n,n'a)Zr-96	TALYS-6a	1 [8]	57
Mo-98(n,3n2a)Sr-88	TALYS-6a	0 [8]	16	Mo-100(n,2na)Zr-95	TALYS-6a	0 [8]	34
Mo-98(n,3npa)Y-91g	TALYS-6a	0	15	Mo-100(n,3na)Zr-94	TALYS-6a	0 [8]	26
Mo-98(n,3npa)Y-91m	TALYS-6a	0	15	Mo-100(n,n'p)Nb-99g	TALYS-6a	0	38
Mo-98(n,n'pd)Zr-95	TALYS-6a	0 [8]	20	Mo-100(n,n'p)Nb-99m	TALYS-6a	0	37
Mo-98(n,n'pt)Zr-94	TALYS-6a	0 [8]	20	Mo-100(n,n'2a)Sr-92	TALYS-6a	0 [8,7,8]	29
Mo-98(n,n'dt)Zr-93	TALYS-6a	0 [8]	15	Mo-100(n,2n2a)Sr-91	TALYS-6a	0 [8]	22
Mo-98(n,n'ph)Y-94	TALYS-6a	0 [8]	14	Mo-100(n,n'd)Nb-98g	TALYS-6a	0	30
Mo-98(n,n'ta)Y-91g	TALYS-6a	0	21	Mo-100(n,n'd)Nb-98m	TALYS-6a	0	29
Mo-98(n,n'ta)Y-91m	TALYS-6a	0	21	Mo-100(n,n't)Nb-97g	TALYS-6a	0	30
Mo-98(n,2n2p)Zr-95	TALYS-6a	0 [8]	18	Mo-100(n,n't)Nb-97m	TALYS-6a	0	29
Mo-98(n,4n2p)Zr-93	TALYS-6a	0 [8]	10	Mo-100(n,n'h)Zr-97	TALYS-6a	0 [8]	25
Mo-98(n,4n2a)Sr-87g	TALYS-6a	0	10	Mo-100(n,4n)Mo-97	TALYS-6a	0	23
Mo-98(n,4n2a)Sr-87m	TALYS-6a	0	10	Mo-100(n,2np)Nb-98g	TALYS-6a	0	28
Mo-98(n,4npa)Y-90g	TALYS-6a	0	11	Mo-100(n,2np)Nb-98m	TALYS-6a	0	28
Mo-98(n,4npa)Y-90m	TALYS-6a	0	10	Mo-100(n,3np)Nb-97g	TALYS-6a	0	22
Mo-98(n,5n2p)Zr-92	TALYS-6a	0 [8]	7	Mo-100(n,3np)Nb-97m	TALYS-6a	0	21
Mo-99(n,2nd)Nb-96	TALYS-6a	0 [8]	24	Mo-100(n,n'2p)Zr-98	TALYS-6a	0 [8,7,8]	24
Mo-99(n,2n)Mo-98	TALYS-6a	0	56	Mo-100(n,n'pa)Y-95	TALYS-6a	0 [8,7,8]	26
Mo-99(n,3n)Mo-97	TALYS-6a	0	32	Mo-100(n,g)Mo-101	JEF-2.2	6 [13]	
Mo-99(n,n'a)Zr-95	TALYS-6a	0 [8]	59	20385			
Mo-99(n,2na)Zr-94	TALYS-6a	0 [8]	38	Mo-100(n,p)Nb-100g	TALYS-6a	0 [2]	55
Mo-99(n,3na)Zr-93	TALYS-6a	0 [8]	26	Mo-100(n,p)Nb-100m	TALYS-6a	0 [2,7,8]	53
Mo-99(n,n'p)Nb-98g	TALYS-6a	0	41	Mo-100(n,d)Nb-99g	TALYS-6a	0	42
Mo-99(n,n'p)Nb-98m	TALYS-6a	0	41	Mo-100(n,d)Nb-99m	TALYS-6a	0	41
Mo-99(n,n'2a)Sr-91	TALYS-6a	0 [8]	31	Mo-100(n,t)Nb-98g	TALYS-6a	0	40
Mo-99(n,2n2a)Sr-90	TALYS-6a	0 [8]	25	Mo-100(n,t)Nb-98m	TALYS-6a	0	40
Mo-99(n,n'd)Nb-97g	TALYS-6a	0	32	Mo-100(n,h)Zr-98	TALYS-6a	0 [8,7,8]	31
Mo-99(n,n'd)Nb-97m	TALYS-6a	0	31	Mo-100(n,a)Zr-97	TALYS-6	5 [9,3,3]	
Mo-99(n,n't)Nb-96	TALYS-6a	0 [8]	30	19832			

Reaction	Code		Refs	
Mo-100(n,2a)Sr-93	TALYS-6a	0	[8,7,8]	37
Mo-100(n,2p)Zr-99	TALYS-6a	0	[8]	28
Mo-100(n,pa)Y-96g	TALYS-6a	0	[4,8,7,8]	31
Mo-100(n,pa)Y-96m	TALYS-6a	0	[4,7,8,8]	30
Mo-100(n,pd)Zr-98	TALYS-6a	0	[8,7,8]	25
Mo-100(n,pt)Zr-97	TALYS-6a	0	[8]	25
Mo-100(n,da)Y-95	TALYS-6a	0	[8,7,8]	28
Mo-100(n,5n)Mo-96	TALYS-6a	0		17
Mo-100(n,6n)Mo-95	TALYS-6a	0		12
Mo-100(n,2nt)Nb-96	TALYS-6a	0	[8]	21
Mo-100(n,ta)Y-94	TALYS-6a	0	[8]	27
Mo-100(n,4np)Nb-96	TALYS-6a	0		15
Mo-100(n,3nd)Nb-96	TALYS-6a	0		16
Mo-100(n,n'da)Y-94	TALYS-6a	0	[8]	20
Mo-100(n,2npa)Y-94	TALYS-6a	0	[8]	19
Mo-100(n,7n)Mo-94	TALYS-6a	0		8
Mo-100(n,5np)Nb-95g	TALYS-6a	0		12
Mo-100(n,5np)Nb-95m	TALYS-6a	0		12
Mo-100(n,6np)Nb-94g	TALYS-6a	0		8
Mo-100(n,6np)Nb-94m	TALYS-6a	0		8
Mo-100(n,4na)Zr-93	TALYS-6a	0	[8]	18
Mo-100(n,5na)Zr-92	TALYS-6a	0	[8]	14
Mo-100(n,6na)Zr-91	TALYS-6a	0	[8]	9
Mo-100(n,4nd)Nb-95g	TALYS-6a	0		13
Mo-100(n,4nd)Nb-95m	TALYS-6a	0		12
Mo-100(n,5nd)Nb-94g	TALYS-6a	0		8
Mo-100(n,5nd)Nb-94m	TALYS-6a	0		8
Mo-100(n,6nd)Nb-93g	TALYS-6a	0		5
Mo-100(n,6nd)Nb-93m	TALYS-6a	0		5
Mo-100(n,3nt)Nb-95g	TALYS-6a	0		15
Mo-100(n,3nt)Nb-95m	TALYS-6a	0		15
Mo-100(n,4nt)Nb-94g	TALYS-6a	0		11
Mo-100(n,4nt)Nb-94m	TALYS-6a	0		11
Mo-100(n,5nt)Nb-93g	TALYS-6a	0		7
Mo-100(n,5nt)Nb-93m	TALYS-6a	0		7
Mo-100(n,2nh)Zr-96	TALYS-6a	0	[8]	20
Mo-100(n,3nh)Zr-95	TALYS-6a	0	[8]	14
Mo-100(n,4nh)Zr-94	TALYS-6a	0	[8]	11
Mo-100(n,3n2p)Zr-96	TALYS-6a	0	[8]	14
Mo-100(n,3n2a)Sr-90	TALYS-6a	0	[8]	16
Mo-100(n,3npa)Y-93g	TALYS-6a	0		15
Mo-100(n,3npa)Y-93m	TALYS-6a	0		14
Mo-100(n,n'pd)Zr-97	TALYS-6a	0	[8]	19
Mo-100(n,n'pt)Zr-96	TALYS-6a	0	[8]	20
Mo-100(n,n'dt)Zr-95	TALYS-6a	0	[8]	15
Mo-100(n,n'ta)Y-93g	TALYS-6a	0		21
Mo-100(n,n'ta)Y-93m	TALYS-6a	0		20
Mo-100(n,2n2p)Zr-97	TALYS-6a	0	[8]	17
Mo-100(n,4n2p)Zr-95	TALYS-6a	0	[8]	10
Mo-100(n,4n2a)Sr-89	TALYS-6a	0	[8]	12
Mo-100(n,4npa)Y-92	TALYS-6a	0	[8,7,8]	11
Mo-100(n,5n2p)Zr-94	TALYS-6a	0	[8]	7
Tc-95(n,n')Tc-95m	TALYS-6a	0		91
Tc-95(n,2nd)Mo-92	TALYS-6a	0	[8]	25
Tc-95(n,2n)Tc-94g	TALYS-6a	0		41
Tc-95(n,2n)Tc-94m	TALYS-6a	0		41
Tc-95(n,3n)Tc-93g	TALYS-6a	0		28
Tc-95(n,3n)Tc-93m	TALYS-6a	0		27
Tc-95(n,n'a)Nb-91g	TALYS-6a	0		64
Tc-95(n,n'a)Nb-91m	TALYS-6a	0		64
Tc-95(n,n'3a)Rb-83	TALYS-6a	0	[8]	15
>Tc-95(n,2na)Nb-90g	TALYS-6a	0	[4]	30
>Tc-95(n,2na)Nb-90m	TALYS-6a	0	[4,7,8]	30
+Tc-95(n,2na)Nb-90n	TALYS-6a	0	[4,7,8]	29
Tc-95(n,3na)Nb-89g	TALYS-6a	0		19
Tc-95(n,3na)Nb-89m	TALYS-6a	0		19
Tc-95(n,n'p)Mo-94	TALYS-6a	0	[8]	58
Tc-95(n,n'2a)Y-87g	TALYS-6a	0		30
Tc-95(n,n'2a)Y-87m	TALYS-6a	0		30
Tc-95(n,2n2a)Y-86g	TALYS-6a	0		17
Tc-95(n,2n2a)Y-86m	TALYS-6a	0		18
Tc-95(n,n'd)Mo-93g	TALYS-6a	0	[4,8]	35
Tc-95(n,n'd)Mo-93m	TALYS-6a	0	[4,7,8,8]	30
Tc-95(n,n't)Mo-92	TALYS-6a	0	[8]	31
Tc-95(n,n'h)Nb-92g	TALYS-6a	0		29
Tc-95(n,n'h)Nb-92m	TALYS-6a	0		29
Tc-95(n,n'd2a)Sr-85g	TALYS-6a	0		13
Tc-95(n,n'd2a)Sr-85m	TALYS-6a	0		12
Tc-95(n,n't2a)Sr-84	TALYS-6a	0	[8]	11
Tc-95(n,4n)Tc-92	TALYS-6a	0		16
Tc-95(n,2np)Mo-93g	TALYS-6a	0	[4,8]	31
Tc-95(n,2np)Mo-93m	TALYS-6a	0	[4,7,8,8]	27
Tc-95(n,3np)Mo-92	TALYS-6a	0	[8]	23
Tc-95(n,n'2p)Nb-93g	TALYS-6a	0		31
Tc-95(n,n'2p)Nb-93m	TALYS-6a	0		31
Tc-95(n,n'pa)Zr-90g	TALYS-6a	0		39
Tc-95(n,n'pa)Zr-90m	TALYS-6a	0		34
Tc-95(n,g)Tc-96g	MASGAM	0	[14,13,4,6]	83
Tc-95(n,g)Tc-96m	MASGAM	0	[14,13,4,6]	83
Tc-95(n,p)Mo-95	TALYS-6a	0	[2]	100
Tc-95(n,d)Mo-94	TALYS-6a	0	[8]	68
Tc-95(n,t)Mo-93g	TALYS-6a	0	[4,8]	50
Tc-95(n,t)Mo-93m	TALYS-6a	0	[4,7,8,8]	42
Tc-95(n,h)Nb-93g	TALYS-6a	0		45
Tc-95(n,h)Nb-93m	TALYS-6a	0		44
Tc-95(n,a)Nb-92g	TALYS-6a	0	[2]	100
Tc-95(n,a)Nb-92m	TALYS-6a	0	[2]	100
Tc-95(n,2a)Y-88	TALYS-6a	0		100
Tc-95(n,3a)Rb-84g	TALYS-6a	0		22
Tc-95(n,3a)Rb-84m	TALYS-6a	0		22
Tc-95(n,2p)Nb-94g	TALYS-6a	0		45
Tc-95(n,2p)Nb-94m	TALYS-6a	0		45
Tc-95(n,pa)Zr-91	TALYS-6a	0		100
Tc-95(n,t2a)Sr-85g	TALYS-6a	0		16
Tc-95(n,t2a)Sr-85m	TALYS-6a	0		15
Tc-95(n,d2a)Sr-86	TALYS-6a	0	[8]	21
Tc-95(n,pd)Nb-93g	TALYS-6a	0		34
Tc-95(n,pd)Nb-93m	TALYS-6a	0		34
Tc-95(n,pt)Nb-92g	TALYS-6a	0		30
Tc-95(n,pt)Nb-92m	TALYS-6a	0		30
Tc-95(n,da)Zr-90g	TALYS-6a	0		41
Tc-95(n,da)Zr-90m	TALYS-6a	0		37
Tc-95(n,5n)Tc-91g	TALYS-6a	0		10
Tc-95(n,5n)Tc-91m	TALYS-6a	0		10
Tc-95(n,2nt)Mo-91g	TALYS-6a	0		18
Tc-95(n,2nt)Mo-91m	TALYS-6a	0		17
Tc-95(n,ta)Zr-89g	TALYS-6a	0		30
Tc-95(n,ta)Zr-89m	TALYS-6a	0		29
Tc-95(n,4np)Mo-91g	TALYS-6a	0		14
Tc-95(n,4np)Mo-91m	TALYS-6a	0		13
Tc-95(n,3nd)Mo-91g	TALYS-6a	0		14
Tc-95(n,3nd)Mo-91m	TALYS-6a	0		14
Tc-95(n,n'da)Zr-89g	TALYS-6a	0		24
Tc-95(n,n'da)Zr-89m	TALYS-6a	0		23
Tc-95(n,2npa)Zr-89g	TALYS-6a	0		23
Tc-95(n,2npa)Zr-89m	TALYS-6a	0		22
Tc-95(n,5np)Mo-90	TALYS-6a	0		9
Tc-95(n,4na)Nb-88g	TALYS-6a	0	[4,8]	12
Tc-95(n,4na)Nb-88m	TALYS-6a	0	[4,7,8,8]	12
Tc-95(n,5na)Nb-87g	TALYS-6a	0		6
Tc-95(n,5na)Nb-87m	TALYS-6a	0		6
Tc-95(n,4nd)Mo-90	TALYS-6a	0	[8]	9
Tc-95(n,3nt)Mo-90	TALYS-6a	0	[8]	12
Tc-95(n,4nt)Mo-89	TALYS-6a	0		5
Tc-95(n,2nh)Nb-91g	TALYS-6a	0		21
Tc-95(n,2nh)Nb-91m	TALYS-6a	0		21
Tc-95(n,3nh)Nb-90g	TALYS-6a	0	[4]	13
Tc-95(n,3nh)Nb-90m	TALYS-6a	0	[4,7,8]	13
+Tc-95(n,3nh)Nb-90n	TALYS-6a	0	[4,7,8]	12
Tc-95(n,4nh)Nb-89g	TALYS-6a	0		8
Tc-95(n,4nh)Nb-89m	TALYS-6a	0		8
Tc-95(n,3n2p)Nb-91g	TALYS-6a	0		15
Tc-95(n,3n2p)Nb-91m	TALYS-6a	0		15
Tc-95(n,3n2a)Y-85g	TALYS-6a	0		12
Tc-95(n,3n2a)Y-85m	TALYS-6a	0		12
Tc-95(n,3npa)Zr-88	TALYS-6a	0	[8]	15
Tc-95(n,dt)Nb-91g	TALYS-6a	0		23
Tc-95(n,dt)Nb-91m	TALYS-6a	0		22
Tc-95(n,n'pd)Nb-92g	TALYS-6a	0		24
Tc-95(n,n'pd)Nb-92m	TALYS-6a	0		23
Tc-95(n,n'pt)Nb-91g	TALYS-6a	0		22
Tc-95(n,n'pt)Nb-91m	TALYS-6a	0		22
Tc-95(n,n'dt)Nb-90g	TALYS-6a	0	[4]	14
Tc-95(n,n'dt)Nb-90m	TALYS-6a	0	[4,7,8]	13
+Tc-95(n,n'dt)Nb-90n	TALYS-6a	0	[4,7,8]	13
Tc-95(n,n'ph)Zr-91	TALYS-6a	0	[8]	21
Tc-95(n,n'dh)Zr-90g	TALYS-6a	0		15
Tc-95(n,n'dh)Zr-90m	TALYS-6a	0		14
Tc-95(n,n'th)Zr-89g	TALYS-6a	0		12
Tc-95(n,n'th)Zr-89m	TALYS-6a	0		12
Tc-95(n,n'ta)Zr-88	TALYS-6a	0	[8]	20
Tc-95(n,2n2p)Nb-92g	TALYS-6a	0		22
Tc-95(n,2n2p)Nb-92m	TALYS-6a	0		22
Tc-95(n,ph)Zr-92	TALYS-6a	0	[8]	29
Tc-95(n,ha)Y-89g	TALYS-6a	0		30
Tc-95(n,ha)Y-89m	TALYS-6a	0		29
Tc-95(n,4n2p)Nb-90g	TALYS-6a	0	[4]	9
Tc-95(n,4n2p)Nb-90m	TALYS-6a	0	[4,7,8]	9
+Tc-95(n,4n2p)Nb-90n	TALYS-6a	0	[4,7,8]	8
Tc-95(n,4npa)Zr-87g	TALYS-6a	0		8
Tc-95(n,4npa)Zr-87m	TALYS-6a	0		8
Tc-95(n,3p)Zr-93	TALYS-6a	0	[8]	29
Tc-95(n,n'3p)Zr-92	TALYS-6a	0	[8]	22
Tc-95(n,3n2pa)Y-87g	TALYS-6a	0		9
Tc-95(n,3n2pa)Y-87m	TALYS-6a	0		9
Tc-95m(n,n')Tc-95g	TALYS-6a	0	[8,8]	97
Tc-95m(n,2nd)Mo-92	TALYS-6a	0	[8]	25
Tc-95m(n,2n)Tc-94g	TALYS-6a	0	[15]	41
Tc-95m(n,2n)Tc-94m	TALYS-6a	0		41
Tc-95m(n,3n)Tc-93g	TALYS-6a	0		28
Tc-95m(n,3n)Tc-93m	TALYS-6a	0		27
Tc-95m(n,n'a)Nb-91g	TALYS-6a	0		64
Tc-95m(n,n'a)Nb-91m	TALYS-6a	0		64
Tc-95m(n,n'3a)Rb-83	TALYS-6a	0	[8]	15
>Tc-95m(n,2na)Nb-90g	TALYS-6a	0	[4]	30
>Tc-95m(n,2na)Nb-90m	TALYS-6a	0	[4,7,8]	30
+Tc-95m(n,2na)Nb-90n	TALYS-6a	0	[4,7,8]	29
Tc-95m(n,3na)Nb-89g	TALYS-6a	0		19
Tc-95m(n,3na)Nb-89m	TALYS-6a	0		19
Tc-95m(n,n'p)Mo-94	TALYS-6a	0	[8]	58
Tc-95m(n,n'2a)Y-87g	TALYS-6a	0		30
Tc-95m(n,n'2a)Y-87m	TALYS-6a	0		30
Tc-95m(n,2n2a)Y-86g	TALYS-6a	0		17
Tc-95m(n,2n2a)Y-86m	TALYS-6a	0		17
Tc-95m(n,n'd)Mo-93g	TALYS-6a	0	[4,8]	35
Tc-95m(n,n'd)Mo-93m	TALYS-6a	0	[4,7,8,8]	30
Tc-95m(n,n't)Mo-92	TALYS-6a	0	[8]	31
Tc-95m(n,n'h)Nb-92g	TALYS-6a	0		29
Tc-95m(n,n'h)Nb-92m	TALYS-6a	0		29
Tc-95m(n,n'd2a)Sr-85g	TALYS-6a	0		13
Tc-95m(n,n'd2a)Sr-85m	TALYS-6a	0		12
Tc-95m(n,n't2a)Sr-84	TALYS-6a	0	[8]	11
Tc-95m(n,4n)Tc-92	TALYS-6a	0		16
Tc-95m(n,2np)Mo-93g	TALYS-6a	0	[4,8]	31
Tc-95m(n,2np)Mo-93m	TALYS-6a	0	[4,7,8,8]	27
Tc-95m(n,3np)Mo-92	TALYS-6a	0	[8]	23
Tc-95m(n,n'2p)Nb-93g	TALYS-6a	0		31
Tc-95m(n,n'2p)Nb-93m	TALYS-6a	0		31
Tc-95m(n,n'pa)Zr-90g	TALYS-6a	0		39
Tc-95m(n,n'pa)Zr-90m	TALYS-6a	0		34
Tc-95m(n,g)Tc-96g	MASGAM	0	[14,13,4,6]	83
Tc-95m(n,g)Tc-96m	MASGAM	0	[14,13,4,6]	83
Tc-95m(n,p)Mo-95	TALYS-6a	0	[2]	100
Tc-95m(n,d)Mo-94	TALYS-6a	0	[8]	69
Tc-95m(n,t)Mo-93g	TALYS-6a	0	[4,8]	50
Tc-95m(n,t)Mo-93m	TALYS-6a	0	[4,7,8,8]	42
Tc-95m(n,h)Nb-93g	TALYS-6a	0		45
Tc-95m(n,h)Nb-93m	TALYS-6a	0		44

Reaction	Source		Refs	Value
Tc-95m(n,a)Nb-92g	TALYS-6a	0	[2]	100
Tc-95m(n,a)Nb-92m	TALYS-6a	0	[2]	100
Tc-95m(n,2a)Y-88	TALYS-6a	0		100
Tc-95m(n,3a)Rb-84g	TALYS-6a	0		22
Tc-95m(n,3a)Rb-84m	TALYS-6a	0		22
Tc-95m(n,2p)Nb-94g	TALYS-6a	0		45
Tc-95m(n,2p)Nb-94m	TALYS-6a	0		45
Tc-95m(n,pa)Zr-91	TALYS-6a	0		100
Tc-95m(n,t2a)Sr-85g	TALYS-6a	0		16
Tc-95m(n,t2a)Sr-85m	TALYS-6a	0		15
Tc-95m(n,d2a)Sr-86	TALYS-6a	0	[8]	21
Tc-95m(n,pd)Nb-93g	TALYS-6a	0		34
Tc-95m(n,pd)Nb-93m	TALYS-6a	0		34
Tc-95m(n,pt)Nb-92g	TALYS-6a	0		30
Tc-95m(n,pt)Nb-92m	TALYS-6a	0		30
Tc-95m(n,da)Zr-90g	TALYS-6a	0		41
Tc-95m(n,da)Zr-90m	TALYS-6a	0		37
Tc-95m(n,5n)Tc-91g	TALYS-6a	0		10
Tc-95m(n,5n)Tc-91m	TALYS-6a	0		10
Tc-95m(n,2nt)Mo-91g	TALYS-6a	0		18
Tc-95m(n,2nt)Mo-91m	TALYS-6a	0		17
Tc-95m(n,ta)Zr-89g	TALYS-6a	0		30
Tc-95m(n,ta)Zr-89m	TALYS-6a	0		29
Tc-95m(n,4np)Mo-91g	TALYS-6a	0		14
Tc-95m(n,4np)Mo-91m	TALYS-6a	0		13
Tc-95m(n,3nd)Mo-91g	TALYS-6a	0		14
Tc-95m(n,3nd)Mo-91m	TALYS-6a	0		14
Tc-95m(n,n'da)Zr-89g	TALYS-6a	0		24
Tc-95m(n,n'da)Zr-89m	TALYS-6a	0		23
Tc-95m(n,2npa)Zr-89g	TALYS-6a	0		23
Tc-95m(n,2npa)Zr-89m	TALYS-6a	0		22
Tc-95m(n,5np)Mo-90	TALYS-6a	0		9
Tc-95m(n,4na)Nb-88g	TALYS-6a	0	[4,8]	12
Tc-95m(n,4na)Nb-88m	TALYS-6a	0	[4,7,8,8]	12
Tc-95m(n,5na)Nb-87g	TALYS-6a	0		6
Tc-95m(n,5na)Nb-87m	TALYS-6a	0		6
Tc-95m(n,4nd)Mo-90	TALYS-6a	0	[8]	9
Tc-95m(n,3nt)Mo-90	TALYS-6a	0	[8]	12
Tc-95m(n,4nt)Mo-89	TALYS-6a	0		6
Tc-95m(n,2nh)Nb-91g	TALYS-6a	0		21
Tc-95m(n,2nh)Nb-91m	TALYS-6a	0		21
Tc-95m(n,3nh)Nb-90g	TALYS-6a	0	[4]	13
Tc-95m(n,3nh)Nb-90m	TALYS-6a	0	[4,7,8]	13
+Tc-95m(n,3nh)Nb-90n	TALYS-6a	0	[4,7,8]	12
Tc-95m(n,4nh)Nb-89g	TALYS-6a	0		8
Tc-95m(n,4nh)Nb-89m	TALYS-6a	0		8
Tc-95m(n,3n2p)Nb-91g	TALYS-6a	0		15
Tc-95m(n,3n2p)Nb-91m	TALYS-6a	0		15
Tc-95m(n,3n2a)Y-85g	TALYS-6a	0		12
Tc-95m(n,3n2a)Y-85m	TALYS-6a	0		12
Tc-95m(n,3npa)Zr-88	TALYS-6a	0	[8]	15
Tc-95m(n,dt)Nb-91g	TALYS-6a	0		23
Tc-95m(n,dt)Nb-91m	TALYS-6a	0		23
Tc-95m(n,n'pd)Nb-92g	TALYS-6a	0		24
Tc-95m(n,n'pd)Nb-92m	TALYS-6a	0		23
Tc-95m(n,n'pt)Nb-91g	TALYS-6a	0		22
Tc-95m(n,n'pt)Nb-91m	TALYS-6a	0		22
Tc-95m(n,n'dt)Nb-90g	TALYS-6a	0	[4]	14
Tc-95m(n,n'dt)Nb-90m	TALYS-6a	0	[4,7,8]	13
+Tc-95m(n,n'dt)Nb-90n	TALYS-6a	0	[4,7,8]	13
Tc-95m(n,n'ph)Zr-91	TALYS-6a	0	[8]	21
Tc-95m(n,n'dh)Zr-90g	TALYS-6a	0		15
Tc-95m(n,n'dh)Zr-90m	TALYS-6a	0		14
Tc-95m(n,n'th)Zr-89g	TALYS-6a	0		12
Tc-95m(n,n'th)Zr-89m	TALYS-6a	0		12
Tc-95m(n,n'ta)Zr-88	TALYS-6a	0	[8]	20
Tc-95m(n,2n2p)Nb-92g	TALYS-6a	0		22
Tc-95m(n,2n2p)Nb-92m	TALYS-6a	0		22
Tc-95m(n,ph)Zr-92	TALYS-6a	0	[8]	29
Tc-95m(n,ha)Y-89g	TALYS-6a	0		30
Tc-95m(n,ha)Y-89m	TALYS-6a	0		29
Tc-95m(n,4n2p)Nb-90g	TALYS-6a	0	[4]	9
Tc-95m(n,4n2p)Nb-90m	TALYS-6a	0	[4,7,8]	9
+Tc-95m(n,4n2p)Nb-90n	TALYS-6a	0	[4,7,8]	8
Tc-95m(n,4npa)Zr-87g	TALYS-6a	0		8
Tc-95m(n,4npa)Zr-87m	TALYS-6a	0		8
Tc-95m(n,3p)Zr-93	TALYS-6a	0	[8]	29
Tc-95m(n,n'3p)Zr-92	TALYS-6a	0	[8]	22
Tc-95m(n,3n2pa)Y-87g	TALYS-6a	0		9
Tc-95m(n,3n2pa)Y-87m	TALYS-6a	0		9
Tc-96(n,n')Tc-96m	TALYS-6a	0		91
Tc-96(n,2nd)Mo-93g	TALYS-6a	0	[4,8]	25
Tc-96(n,2nd)Mo-93m	TALYS-6a	0	[4,7,8,8]	22
Tc-96(n,2n)Tc-95g	TALYS-6a	0		46
Tc-96(n,2n)Tc-95m	TALYS-6a	0		46
Tc-96(n,3n)Tc-94g	TALYS-6a	0		29
Tc-96(n,3n)Tc-94m	TALYS-6a	0		28
Tc-96(n,n'a)Nb-92g	TALYS-6a	0		64
Tc-96(n,n'a)Nb-92m	TALYS-6a	0		63
Tc-96(n,n'3a)Rb-84g	TALYS-6a	0		15
Tc-96(n,n'3a)Rb-84m	TALYS-6a	0		15
Tc-96(n,2na)Nb-91g	TALYS-6a	0		37
Tc-96(n,2na)Nb-91m	TALYS-6a	0		36
Tc-96(n,3na)Nb-90g	TALYS-6a	0	[4]	22
Tc-96(n,3na)Nb-90m	TALYS-6a	0	[4,7,8]	22
+Tc-96(n,3na)Nb-90n	TALYS-6a	0	[4,7,8]	21
Tc-96(n,n'p)Mo-95	TALYS-6a	0	[8]	56
Tc-96(n,n'2a)Y-88	TALYS-6a	0	[8]	32
Tc-96(n,2n2a)Y-87g	TALYS-6a	0		21
Tc-96(n,2n2a)Y-87m	TALYS-6a	0		21
Tc-96(n,n'd)Mo-94	TALYS-6a	0	[8]	38
Tc-96(n,n't)Mo-93g	TALYS-6a	0	[4,8]	31
Tc-96(n,n't)Mo-93m	TALYS-6a	0	[4,7,8,8]	28
Tc-96(n,n'h)Nb-93g	TALYS-6a	0		30
Tc-96(n,n'h)Nb-93m	TALYS-6a	0		30
Tc-96(n,n'd2a)Sr-86	TALYS-6a	0	[8]	15
Tc-96(n,n't2a)Sr-85g	TALYS-6a	0		12
Tc-96(n,n't2a)Sr-85m	TALYS-6a	0		11
Tc-96(n,4n)Tc-93g	TALYS-6a	0		20
Tc-96(n,4n)Tc-93m	TALYS-6a	0		19
Tc-96(n,2np)Mo-94	TALYS-6a	0	[8]	35
Tc-96(n,3np)Mo-93g	TALYS-6a	0	[4]	24
Tc-96(n,3np)Mo-93m	TALYS-6a	0	[4,7,8]	20
Tc-96(n,n'2p)Nb-94g	TALYS-6a	0		30
Tc-96(n,n'2p)Nb-94m	TALYS-6a	0		30
Tc-96(n,n'pa)Zr-91	TALYS-6a	0	[8]	37
Tc-96(n,g)Tc-97g	MASGAM	0	[14,13,4,6]	83
Tc-96(n,g)Tc-97m	MASGAM	0	[14,13,4,6]	83
Tc-96(n,p)Mo-96	TALYS-6a	0	[2]	100
Tc-96(n,d)Mo-95	TALYS-6a	0	[8]	65
Tc-96(n,t)Mo-94	TALYS-6a	0	[8]	58
Tc-96(n,h)Nb-94g	TALYS-6a	0		43
Tc-96(n,h)Nb-94m	TALYS-6a	0		42
Tc-96(n,a)Nb-93g	TALYS-6a	0	[2]	100
Tc-96(n,a)Nb-93m	TALYS-6a	0	[2]	100
Tc-96(n,2a)Y-89g	TALYS-6a	0		100
Tc-96(n,2a)Y-89m	TALYS-6a	0		100
Tc-96(n,3a)Rb-85	TALYS-6a	0	[8]	25
Tc-96(n,2p)Nb-95g	TALYS-6a	0		47
Tc-96(n,2p)Nb-95m	TALYS-6a	0		45
Tc-96(n,pa)Zr-92	TALYS-6a	0		100
Tc-96(n,t2a)Sr-86	TALYS-6a	0	[8]	19
Tc-96(n,d2a)Sr-87g	TALYS-6a	0		22
Tc-96(n,d2a)Sr-87m	TALYS-6a	0		20
Tc-96(n,pd)Nb-94g	TALYS-6a	0		32
Tc-96(n,pd)Nb-94m	TALYS-6a	0		32
Tc-96(n,pt)Nb-93g	TALYS-6a	0		31
Tc-96(n,pt)Nb-93m	TALYS-6a	0		30
Tc-96(n,da)Zr-91	TALYS-6a	0	[8]	40
Tc-96(n,5n)Tc-92	TALYS-6a	0		12
Tc-96(n,6n)Tc-91g	TALYS-6a	0		6
Tc-96(n,6n)Tc-91m	TALYS-6a	0		6
Tc-96(n,2nt)Mo-92	TALYS-6a	0	[8]	23
Tc-96(n,ta)Zr-90g	TALYS-6a	0		37
Tc-96(n,ta)Zr-90m	TALYS-6a	0		33
Tc-96(n,4np)Mo-92	TALYS-6a	0		16
Tc-96(n,3nd)Mo-92	TALYS-6a	0	[8]	17
Tc-96(n,n'da)Zr-90g	TALYS-6a	0		28
Tc-96(n,n'da)Zr-90m	TALYS-6a	0		26
Tc-96(n,2npa)Zr-90g	TALYS-6a	0		27
Tc-96(n,2npa)Zr-90m	TALYS-6a	0		24
Tc-96(n,5np)Mo-91g	TALYS-6a	0		10
Tc-96(n,5np)Mo-91m	TALYS-6a	0		9
Tc-96(n,4na)Nb-89g	TALYS-6a	0		14
Tc-96(n,4na)Nb-89m	TALYS-6a	0		14
Tc-96(n,5na)Nb-88g	TALYS-6a	0	[4,8]	8
Tc-96(n,5na)Nb-88m	TALYS-6a	0	[4,7,8,8]	8
Tc-96(n,4nd)Mo-91g	TALYS-6a	0		11
Tc-96(n,4nd)Mo-91m	TALYS-6a	0		10
Tc-96(n,5nd)Mo-90	TALYS-6a	0	[8]	5
Tc-96(n,3nt)Mo-91g	TALYS-6a	0		13
Tc-96(n,3nt)Mo-91m	TALYS-6a	0		13
Tc-96(n,4nt)Mo-90	TALYS-6a	0	[8]	8
Tc-96(n,2nh)Nb-92g	TALYS-6a	0		21
Tc-96(n,2nh)Nb-92m	TALYS-6a	0		21
Tc-96(n,3nh)Nb-91g	TALYS-6a	0		15
Tc-96(n,3nh)Nb-91m	TALYS-6a	0		15
Tc-96(n,4nh)Nb-90g	TALYS-6a	0	[4]	9
Tc-96(n,4nh)Nb-90m	TALYS-6a	0	[4,7,8]	9
+Tc-96(n,4nh)Nb-90n	TALYS-6a	0	[4,7,8]	8
Tc-96(n,3n2p)Nb-92g	TALYS-6a	0		15
Tc-96(n,3n2p)Nb-92m	TALYS-6a	0		15
Tc-96(n,3n2a)Y-86g	TALYS-6a	0		13
Tc-96(n,3n2a)Y-86m	TALYS-6a	0		13
Tc-96(n,3npa)Zr-89g	TALYS-6a	0		15
Tc-96(n,3npa)Zr-89m	TALYS-6a	0		15
Tc-96(n,dt)Nb-92g	TALYS-6a	0		23
Tc-96(n,dt)Nb-92m	TALYS-6a	0		22
Tc-96(n,n'pd)Nb-93g	TALYS-6a	0		25
Tc-96(n,n'pd)Nb-93m	TALYS-6a	0		24
Tc-96(n,n'pt)Nb-92g	TALYS-6a	0		22
Tc-96(n,n'pt)Nb-92m	TALYS-6a	0		21
Tc-96(n,n'dt)Nb-91g	TALYS-6a	0		16
Tc-96(n,n'dt)Nb-91m	TALYS-6a	0		15
Tc-96(n,n'ph)Zr-92	TALYS-6a	0	[8]	21
Tc-96(n,n'dh)Zr-91	TALYS-6a	0	[8]	15
Tc-96(n,n'th)Zr-90g	TALYS-6a	0		14
Tc-96(n,n'th)Zr-90m	TALYS-6a	0		13
Tc-96(n,n'ta)Zr-89g	TALYS-6a	0		22
Tc-96(n,n'ta)Zr-89m	TALYS-6a	0		21
Tc-96(n,2n2p)Nb-93g	TALYS-6a	0		23
Tc-96(n,2n2p)Nb-93m	TALYS-6a	0		23
Tc-96(n,ph)Zr-93	TALYS-6a	0	[8]	28
Tc-96(n,ha)Y-90g	TALYS-6a	0		29
Tc-96(n,ha)Y-90m	TALYS-6a	0		28
Tc-96(n,4n2p)Nb-91g	TALYS-6a	0		11
Tc-96(n,4n2p)Nb-91m	TALYS-6a	0		11
Tc-96(n,4n2a)Y-85g	TALYS-6a	0		8
Tc-96(n,4n2a)Y-85m	TALYS-6a	0		8
Tc-96(n,4npa)Zr-88	TALYS-6a	0	[8]	11
Tc-96(n,3p)Zr-94	TALYS-6a	0	[8]	29
Tc-96(n,n'3p)Zr-93	TALYS-6a	0	[8]	20
Tc-96(n,3n2pa)Y-88	TALYS-6a	0	[8]	10
Tc-96(n,5n2p)Nb-90g	TALYS-6a	0	[4]	5
Tc-96(n,5n2p)Nb-90m	TALYS-6a	0	[4,7,8]	5
+Tc-96(n,5n2p)Nb-90n	TALYS-6a	0	[4,7,8]	4
Tc-97(n,n')Tc-97m	TALYS-6a	0		90
Tc-97(n,2nd)Mo-94	TALYS-6a	0	[8]	25
Tc-97(n,2n)Tc-96g	TALYS-6a	0		42
Tc-97(n,2n)Tc-96m	TALYS-6a	0		42
Tc-97(n,3n)Tc-95g	TALYS-6a	0		29
Tc-97(n,3n)Tc-95m	TALYS-6a	0		29
Tc-97(n,n'a)Nb-93g	TALYS-6a	0		61
Tc-97(n,n'a)Nb-93m	TALYS-6a	0		61
Tc-97(n,n'3a)Rb-85	TALYS-6a	0	[8]	16
Tc-97(n,2na)Nb-92g	TALYS-6a	0		34
Tc-97(n,2na)Nb-92m	TALYS-6a	0		33
Tc-97(n,3na)Nb-91g	TALYS-6a	0		24

Reaction	Library		Refs	Value
Tc-97(n,3na)Nb-91m	TALYS-6a	0		24
Tc-97(n,n'p)Mo-96	TALYS-6a	0	[8]	54
Tc-97(n,n'2a)Y-89g	TALYS-6a	0		37
Tc-97(n,n'2a)Y-89m	TALYS-6a	0		35
Tc-97(n,2n2a)Y-88	TALYS-6a	0	[8]	22
Tc-97(n,n'd)Mo-95	TALYS-6a	0	[8]	34
Tc-97(n,n't)Mo-94	TALYS-6a	0	[8]	31
Tc-97(n,n'h)Nb-94g	TALYS-6a	0		27
Tc-97(n,n'h)Nb-94m	TALYS-6a	0		27
Tc-97(n,n'd2a)Sr-87g	TALYS-6a	0		14
Tc-97(n,n'd2a)Sr-87m	TALYS-6a	0		13
Tc-97(n,n't2a)Sr-86	TALYS-6a	0	[8]	13
Tc-97(n,4n)Tc-94g	TALYS-6a	0		19
Tc-97(n,4n)Tc-94m	TALYS-6a	0		19
Tc-97(n,2np)Mo-95	TALYS-6a	0		31
Tc-97(n,3np)Mo-94	TALYS-6a	0		24
Tc-97(n,n'2p)Nb-95g	TALYS-6a	0		29
Tc-97(n,n'2p)Nb-95m	TALYS-6a	0		28
Tc-97(n,n'pa)Zr-92	TALYS-6a	0	[8]	35
Tc-97(n,g)Tc-98	MASGAM	0	[14,13]	83
Tc-97(n,p)Mo-97	TALYS-6a	0	[2]	100
Tc-97(n,d)Mo-96	TALYS-6a	0	[8]	64
Tc-97(n,t)Mo-95	TALYS-6a	0	[8]	48
Tc-97(n,h)Nb-95g	TALYS-6a	0		41
Tc-97(n,h)Nb-95m	TALYS-6a	0		40
Tc-97(n,a)Nb-94g	TALYS-6a	0	[2]	100
Tc-97(n,a)Nb-94m	TALYS-6a	0	[2]	100
Tc-97(n,2a)Y-90g	TALYS-6a	0		100
Tc-97(n,2a)Y-90m	TALYS-6a	0		100
Tc-97(n,2p)Nb-96	TALYS-6a	0	[8]	41
Tc-97(n,pa)Zr-93	TALYS-6a	0	[8]	54
Tc-97(n,d2a)Sr-88	TALYS-6a	0	[8]	24
Tc-97(n,pd)Nb-95g	TALYS-6a	0		31
Tc-97(n,pd)Nb-95m	TALYS-6a	0		30
Tc-97(n,pt)Nb-94g	TALYS-6a	0		28
Tc-97(n,pt)Nb-94m	TALYS-6a	0		28
Tc-97(n,da)Zr-92	TALYS-6a	0	[8]	38
Tc-97(n,5n)Tc-93g	TALYS-6a	0		13
Tc-97(n,5n)Tc-93m	TALYS-6a	0		13
Tc-97(n,6n)Tc-92	TALYS-6a	0		7
Tc-97(n,2nt)Mo-93g	TALYS-6a	0	[4,8]	22
Tc-97(n,2nt)Mo-93m	TALYS-6a	0	[4,7,8,8]	18
Tc-97(n,ta)Zr-91	TALYS-6a	0	[8]	33
Tc-97(n,4np)Mo-93g	TALYS-6a	0	[4]	15
Tc-97(n,4np)Mo-93m	TALYS-6a	0	[4,7,8]	13
Tc-97(n,3nd)Mo-93g	TALYS-6a	0	[4]	16
Tc-97(n,3nd)Mo-93m	TALYS-6a	0	[4,7,8]	14
Tc-97(n,n'da)Zr-91	TALYS-6a	0	[8]	26
Tc-97(n,2npa)Zr-91	TALYS-6a	0	[8]	24
Tc-97(n,5np)Mo-92	TALYS-6a	0		11
Tc-97(n,6np)Mo-91g	TALYS-6a	0		5
Tc-97(n,6np)Mo-91m	TALYS-6a	0		5
Tc-97(n,4na)Nb-90g	TALYS-6a	0	[4]	14
Tc-97(n,4na)Nb-90m	TALYS-6a	0	[4,7,8]	14
+Tc-97(n,4na)Nb-90n	TALYS-6a	0	[4,7,8]	13
Tc-97(n,5na)Nb-89g	TALYS-6a	0		9
Tc-97(n,5na)Nb-89m	TALYS-6a	0		9
Tc-97(n,4nd)Mo-92	TALYS-6a	0		12
Tc-97(n,5nd)Mo-91g	TALYS-6a	0		6
Tc-97(n,5nd)Mo-91m	TALYS-6a	0		5
Tc-97(n,3nt)Mo-92	TALYS-6a	0	[8]	15
Tc-97(n,4nt)Mo-91g	TALYS-6a	0		8
Tc-97(n,4nt)Mo-91m	TALYS-6a	0		8
Tc-97(n,2nh)Nb-93g	TALYS-6a	0		20
Tc-97(n,2nh)Nb-93m	TALYS-6a	0		20
Tc-97(n,3nh)Nb-92g	TALYS-6a	0		14
Tc-97(n,3nh)Nb-92m	TALYS-6a	0		14
Tc-97(n,4nh)Nb-91g	TALYS-6a	0		10
Tc-97(n,4nh)Nb-91m	TALYS-6a	0		10
Tc-97(n,3n2p)Nb-93g	TALYS-6a	0		15
Tc-97(n,3n2p)Nb-93m	TALYS-6a	0		15
Tc-97(n,3n2a)Y-87g	TALYS-6a	0		14
Tc-97(n,3n2a)Y-87m	TALYS-6a	0		14
Tc-97(n,3npa)Zr-90g	TALYS-6a	0		17
Tc-97(n,3npa)Zr-90m	TALYS-6a	0		16
Tc-97(n,dt)Nb-93g	TALYS-6a	0		22
Tc-97(n,dt)Nb-93m	TALYS-6a	0		22
Tc-97(n,n'pd)Nb-94g	TALYS-6a	0		22
Tc-97(n,n'pd)Nb-94m	TALYS-6a	0		22
Tc-97(n,n'pt)Nb-93g	TALYS-6a	0		21
Tc-97(n,n'pt)Nb-93m	TALYS-6a	0		21
Tc-97(n,n'dt)Nb-92g	TALYS-6a	0		15
Tc-97(n,n'dt)Nb-92m	TALYS-6a	0		15
Tc-97(n,n'ph)Zr-93	TALYS-6a	0	[8]	18
Tc-97(n,n'dh)Zr-92	TALYS-6a	0	[8]	14
Tc-97(n,n'ta)Zr-90g	TALYS-6a	0		24
Tc-97(n,n'ta)Zr-90m	TALYS-6a	0		22
Tc-97(n,2n2p)Nb-94g	TALYS-6a	0		20
Tc-97(n,2n2p)Nb-94m	TALYS-6a	0		20
Tc-97(n,ph)Zr-94	TALYS-6a	0	[8]	27
Tc-97(n,4n2p)Nb-92g	TALYS-6a	0		11
Tc-97(n,4n2p)Nb-92m	TALYS-6a	0		10
Tc-97(n,4n2a)Y-86g	TALYS-6a	0		8
Tc-97(n,4n2a)Y-86m	TALYS-6a	0		8
Tc-97(n,4npa)Zr-89g	TALYS-6a	0		11
Tc-97(n,4npa)Zr-89m	TALYS-6a	0		10
Tc-97(n,3p)Zr-95	TALYS-6a	0	[8]	25
Tc-97(n,n'3p)Zr-94	TALYS-6a	0	[8]	19
Tc-97(n,3n2pa)Y-89g	TALYS-6a	0		11
Tc-97(n,3n2pa)Y-89m	TALYS-6a	0		10
Tc-97(n,5n2p)Nb-91g	TALYS-6a	0		7
Tc-97(n,5n2p)Nb-91m	TALYS-6a	0		6
Tc-97m(n,n')Tc-97g	TALYS-6a	0	[8]	97
Tc-97m(n,2nd)Mo-94	TALYS-6a	0		26
Tc-97m(n,2n)Tc-96g	TALYS-6a	0		43
Tc-97m(n,2n)Tc-96m	TALYS-6a	0		42
Tc-97m(n,3n)Tc-95g	TALYS-6a	0		29
Tc-97m(n,3n)Tc-95m	TALYS-6a	0		29
Tc-97m(n,n'a)Nb-93g	TALYS-6a	0		61
Tc-97m(n,n'a)Nb-93m	TALYS-6a	0		61
Tc-97m(n,n'3a)Rb-85	TALYS-6a	0	[8]	16
Tc-97m(n,2na)Nb-92g	TALYS-6a	0		34
Tc-97m(n,2na)Nb-92m	TALYS-6a	0		33
Tc-97m(n,3na)Nb-91g	TALYS-6a	0		25
Tc-97m(n,3na)Nb-91m	TALYS-6a	0		24
Tc-97m(n,n'p)Mo-96	TALYS-6a	0	[8]	54
Tc-97m(n,n'2a)Y-89g	TALYS-6a	0		37
Tc-97m(n,n'2a)Y-89m	TALYS-6a	0		35
Tc-97m(n,2n2a)Y-88	TALYS-6a	0	[8]	21
Tc-97m(n,n'd)Mo-95	TALYS-6a	0	[8]	34
Tc-97m(n,n't)Mo-94	TALYS-6a	0	[8]	32
Tc-97m(n,n'h)Nb-94g	TALYS-6a	0		28
Tc-97m(n,n'h)Nb-94m	TALYS-6a	0		28
Tc-97m(n,n'd2a)Sr-87g	TALYS-6a	0		14
Tc-97m(n,n'd2a)Sr-87m	TALYS-6a	0		13
Tc-97m(n,n't2a)Sr-86	TALYS-6a	0	[8]	13
Tc-97m(n,4n)Tc-94g	TALYS-6a	0		19
Tc-97m(n,4n)Tc-94m	TALYS-6a	0		19
Tc-97m(n,2np)Mo-95	TALYS-6a	0	[8]	31
Tc-97m(n,3np)Mo-94	TALYS-6a	0		24
Tc-97m(n,n'2p)Nb-95g	TALYS-6a	0		29
Tc-97m(n,n'2p)Nb-95m	TALYS-6a	0		29
Tc-97m(n,n'pa)Zr-92	TALYS-6a	0	[8]	35
Tc-97m(n,g)Tc-98	MASGAM	0	[14,13]	83
Tc-97m(n,p)Mo-97	TALYS-6a	0	[2]	100
Tc-97m(n,d)Mo-96	TALYS-6a	0	[8]	64
Tc-97m(n,t)Mo-95	TALYS-6a	0	[8]	48
Tc-97m(n,h)Nb-95g	TALYS-6a	0		41
Tc-97m(n,h)Nb-95m	TALYS-6a	0		40
Tc-97m(n,a)Nb-94g	TALYS-6a	0	[2]	100
Tc-97m(n,a)Nb-94m	TALYS-6a	0	[2]	100
Tc-97m(n,2a)Y-90g	TALYS-6a	0		100
Tc-97m(n,2a)Y-90m	TALYS-6a	0		100
Tc-97m(n,2p)Nb-96	TALYS-6a	0	[8]	41
Tc-97m(n,pa)Zr-93	TALYS-6a	0	[8]	55
Tc-97m(n,d2a)Sr-88	TALYS-6a	0	[8]	24
Tc-97m(n,pd)Nb-95g	TALYS-6a	0		31
Tc-97m(n,pd)Nb-95m	TALYS-6a	0		30
Tc-97m(n,pt)Nb-94g	TALYS-6a	0		28
Tc-97m(n,pt)Nb-94m	TALYS-6a	0		28
Tc-97m(n,da)Zr-92	TALYS-6a	0	[8]	38
Tc-97m(n,5n)Tc-93g	TALYS-6a	0		13
Tc-97m(n,5n)Tc-93m	TALYS-6a	0		13
Tc-97m(n,6n)Tc-92	TALYS-6a	0		7
Tc-97m(n,2nt)Mo-93g	TALYS-6a	0	[4,8]	22
Tc-97m(n,2nt)Mo-93m	TALYS-6a	0	[4,7,8,8]	18
Tc-97m(n,ta)Zr-91	TALYS-6a	0	[8]	33
Tc-97m(n,4np)Mo-93g	TALYS-6a	0	[4]	15
Tc-97m(n,4np)Mo-93m	TALYS-6a	0	[4,7,8]	13
Tc-97m(n,3nd)Mo-93g	TALYS-6a	0	[4,8]	16
Tc-97m(n,3nd)Mo-93m	TALYS-6a	0	[4,7,8,8]	13
Tc-97m(n,n'da)Zr-91	TALYS-6a	0	[8]	26
Tc-97m(n,2npa)Zr-91	TALYS-6a	0	[8]	24
Tc-97m(n,5np)Mo-92	TALYS-6a	0		11
Tc-97m(n,6np)Mo-91g	TALYS-6a	0		5
Tc-97m(n,6np)Mo-91m	TALYS-6a	0		5
Tc-97m(n,4na)Nb-90g	TALYS-6a	0	[4]	14
Tc-97m(n,4na)Nb-90m	TALYS-6a	0	[4,7,8]	14
+Tc-97m(n,4na)Nb-90n	TALYS-6a	0	[4,7,8]	13
Tc-97m(n,5na)Nb-89g	TALYS-6a	0		9
Tc-97m(n,5na)Nb-89m	TALYS-6a	0		9
Tc-97m(n,4nd)Mo-92	TALYS-6a	0		12
Tc-97m(n,5nd)Mo-91g	TALYS-6a	0		6
Tc-97m(n,5nd)Mo-91m	TALYS-6a	0		6
Tc-97m(n,3nt)Mo-92	TALYS-6a	0	[8]	15
Tc-97m(n,4nt)Mo-91g	TALYS-6a	0		8
Tc-97m(n,4nt)Mo-91m	TALYS-6a	0		8
Tc-97m(n,2nh)Nb-93g	TALYS-6a	0		21
Tc-97m(n,2nh)Nb-93m	TALYS-6a	0		20
Tc-97m(n,3nh)Nb-92g	TALYS-6a	0		14
Tc-97m(n,3nh)Nb-92m	TALYS-6a	0		14
Tc-97m(n,4nh)Nb-91g	TALYS-6a	0		10
Tc-97m(n,4nh)Nb-91m	TALYS-6a	0		10
Tc-97m(n,3n2p)Nb-93g	TALYS-6a	0		15
Tc-97m(n,3n2p)Nb-93m	TALYS-6a	0		15
Tc-97m(n,3n2a)Y-87g	TALYS-6a	0		14
Tc-97m(n,3n2a)Y-87m	TALYS-6a	0		14
Tc-97m(n,3npa)Zr-90g	TALYS-6a	0		17
Tc-97m(n,3npa)Zr-90m	TALYS-6a	0		15
Tc-97m(n,dt)Nb-93g	TALYS-6a	0		22
Tc-97m(n,dt)Nb-93m	TALYS-6a	0		22
Tc-97m(n,n'pd)Nb-94g	TALYS-6a	0		22
Tc-97m(n,n'pd)Nb-94m	TALYS-6a	0		22
Tc-97m(n,n'pt)Nb-93g	TALYS-6a	0		21
Tc-97m(n,n'pt)Nb-93m	TALYS-6a	0		21
Tc-97m(n,n'dt)Nb-92g	TALYS-6a	0		15
Tc-97m(n,n'dt)Nb-92m	TALYS-6a	0		15
Tc-97m(n,n'ph)Zr-93	TALYS-6a	0	[8]	18
Tc-97m(n,n'dh)Zr-92	TALYS-6a	0	[8]	14
Tc-97m(n,n'ta)Zr-90g	TALYS-6a	0		24
Tc-97m(n,n'ta)Zr-90m	TALYS-6a	0		22
Tc-97m(n,2n2p)Nb-94g	TALYS-6a	0		20
Tc-97m(n,2n2p)Nb-94m	TALYS-6a	0		20
Tc-97m(n,ph)Zr-94	TALYS-6a	0	[8]	27
Tc-97m(n,4n2p)Nb-92g	TALYS-6a	0		11
Tc-97m(n,4n2p)Nb-92m	TALYS-6a	0		11
Tc-97m(n,4n2a)Y-86g	TALYS-6a	0		8
Tc-97m(n,4n2a)Y-86m	TALYS-6a	0		8
Tc-97m(n,4npa)Zr-89g	TALYS-6a	0		11
Tc-97m(n,4npa)Zr-89m	TALYS-6a	0		10
Tc-97m(n,3p)Zr-95	TALYS-6a	0	[8]	26
Tc-97m(n,n'3p)Zr-94	TALYS-6a	0	[8]	19
Tc-97m(n,3n2pa)Y-89g	TALYS-6a	0		11
Tc-97m(n,3n2pa)Y-89m	TALYS-6a	0		10
Tc-97m(n,5n2p)Nb-91g	TALYS-6a	0		7
Tc-97m(n,5n2p)Nb-91m	TALYS-6a	0		6
Tc-98(n,2nd)Mo-95	TALYS-6a	0		26
Tc-98(n,2n)Tc-97g	TALYS-6a	0		49

Reaction	Library	Flag	Value
Tc-98(n,2n)Tc-97m	TALYS-6a	0	48
Tc-98(n,3n)Tc-96g	TALYS-6a	0	30
Tc-98(n,3n)Tc-96m	TALYS-6a	0	30
Tc-98(n,n'a)Nb-94g	TALYS-6a	0	61
Tc-98(n,n'a)Nb-94m	TALYS-6a	0	60
Tc-98(n,n'3a)Rb-86g	TALYS-6a	0	16
Tc-98(n,n'3a)Rb-86m	TALYS-6a	0	16
Tc-98(n,2na)Nb-93g	TALYS-6a	0	37
Tc-98(n,2na)Nb-93m	TALYS-6a	0	37
Tc-98(n,3na)Nb-92g	TALYS-6a	0	25
Tc-98(n,3na)Nb-92m	TALYS-6a	0	25
Tc-98(n,n'p)Mo-97	TALYS-6a	0 [8]	52
Tc-98(n,n'2a)Y-90g	TALYS-6a	0	36
Tc-98(n,n'2a)Y-90m	TALYS-6a	0	35
Tc-98(n,2n2a)Y-89g	TALYS-6a	0	26
Tc-98(n,2n2a)Y-89m	TALYS-6a	0	26
Tc-98(n,n'd)Mo-96	TALYS-6a	0 [8]	38
Tc-98(n,n't)Mo-95	TALYS-6a	0 [8]	32
Tc-98(n,n'h)Nb-95g	TALYS-6a	0	29
Tc-98(n,n'h)Nb-95m	TALYS-6a	0	28
Tc-98(n,n'd2a)Sr-88	TALYS-6a	0 [8]	17
Tc-98(n,n't2a)Sr-87g	TALYS-6a	0	13
Tc-98(n,n't2a)Sr-87m	TALYS-6a	0	12
Tc-98(n,4n)Tc-95g	TALYS-6a	0	22
Tc-98(n,4n)Tc-95m	TALYS-6a	0	22
Tc-98(n,2np)Mo-96	TALYS-6a	0 [8]	34
Tc-98(n,3np)Mo-95	TALYS-6a	0	24
Tc-98(n,n'2p)Nb-96	TALYS-6a	0 [8]	28
Tc-98(n,n'pa)Zr-93	TALYS-6a	0 [8]	34
Tc-98(n,g)Tc-99g	MASGAM	0 [14,13,4,6]	77
Tc-98(n,g)Tc-99m	MASGAM	0 [14,13,4,6]	77
Tc-98(n,p)Mo-98	TALYS-6a	0 [2]	100
Tc-98(n,d)Mo-97	TALYS-6a	0 [8]	61
Tc-98(n,t)Mo-96	TALYS-6a	0 [8]	57
Tc-98(n,h)Nb-96	TALYS-6a	0 [8]	40
Tc-98(n,a)Nb-95g	TALYS-6a	0 [2]	100
Tc-98(n,a)Nb-95m	TALYS-6a	0 [2]	100
Tc-98(n,2a)Y-91g	TALYS-6a	0	100
Tc-98(n,2a)Y-91m	TALYS-6a	0	100
Tc-98(n,2p)Nb-97g	TALYS-6a	0	42
Tc-98(n,2p)Nb-97m	TALYS-6a	0	40
Tc-98(n,pa)Zr-94	TALYS-6a	0 [8]	58
Tc-98(n,pd)Nb-96	TALYS-6a	0 [8]	30
Tc-98(n,pt)Nb-95g	TALYS-6a	0	29
Tc-98(n,pt)Nb-95m	TALYS-6a	0	29
Tc-98(n,da)Zr-93	TALYS-6a	0 [8]	37
Tc-98(n,5n)Tc-94g	TALYS-6a	0	14
Tc-98(n,5n)Tc-94m	TALYS-6a	0	14
Tc-98(n,6n)Tc-93g	TALYS-6a	0	10
Tc-98(n,6n)Tc-93m	TALYS-6a	0	9
Tc-98(n,2nt)Mo-94	TALYS-6a	0 [8]	24
Tc-98(n,ta)Zr-92	TALYS-6a	0 [8]	35
Tc-98(n,4np)Mo-94	TALYS-6a	0	17
Tc-98(n,3nd)Mo-94	TALYS-6a	0 [8]	18
Tc-98(n,n'da)Zr-92	TALYS-6a	0 [8]	27
Tc-98(n,2npa)Zr-92	TALYS-6a	0 [8]	26
Tc-98(n,5np)Mo-93g	TALYS-6a	0 [4]	12
Tc-98(n,5np)Mo-93m	TALYS-6a	0 [4,7,8]	9
Tc-98(n,6np)Mo-92	TALYS-6a	0	8
Tc-98(n,4na)Nb-91g	TALYS-6a	0	17
Tc-98(n,4na)Nb-91m	TALYS-6a	0	17
Tc-98(n,5na)Nb-90g	TALYS-6a	0 [4]	11
Tc-98(n,5na)Nb-90m	TALYS-6a	0 [4,7,8]	10
+Tc-98(n,5na)Nb-90n	TALYS-6a	0 [4,7,8]	10
Tc-98(n,4nd)Mo-93g	TALYS-6a	0 [4,8]	12
Tc-98(n,4nd)Mo-93m	TALYS-6a	0 [4,7,8,8]	10
Tc-98(n,5nd)Mo-92	TALYS-6a	0 [8]	8
Tc-98(n,3nt)Mo-93g	TALYS-6a	0 [4,8]	15
Tc-98(n,3nt)Mo-93m	TALYS-6a	0 [4,7,8,8]	13
Tc-98(n,4nt)Mo-92	TALYS-6a	0 [8]	11
Tc-98(n,5nt)Mo-91g	TALYS-6a	0	5
Tc-98(n,5nt)Mo-91m	TALYS-6a	0	5
Tc-98(n,2nh)Nb-94g	TALYS-6a	0	20
Tc-98(n,2nh)Nb-94m	TALYS-6a	0	20
Tc-98(n,3nh)Nb-93g	TALYS-6a	0	15
Tc-98(n,3nh)Nb-93m	TALYS-6a	0	15
Tc-98(n,4nh)Nb-92g	TALYS-6a	0	11
Tc-98(n,4nh)Nb-92m	TALYS-6a	0	10
Tc-98(n,3n2p)Nb-94g	TALYS-6a	0	15
Tc-98(n,3n2p)Nb-94m	TALYS-6a	0	15
Tc-98(n,3n2a)Y-88	TALYS-6a	0 [8]	15
Tc-98(n,3npa)Zr-91	TALYS-6a	0 [8]	17
Tc-98(n,dt)Nb-94g	TALYS-6a	0	22
Tc-98(n,dt)Nb-94m	TALYS-6a	0	22
Tc-98(n,n'pd)Nb-95g	TALYS-6a	0	23
Tc-98(n,n'pd)Nb-95m	TALYS-6a	0	23
Tc-98(n,n'pt)Nb-94g	TALYS-6a	0	21
Tc-98(n,n'pt)Nb-94m	TALYS-6a	0	20
Tc-98(n,n'dt)Nb-93g	TALYS-6a	0	16
Tc-98(n,n'dt)Nb-93m	TALYS-6a	0	15
Tc-98(n,n'ph)Zr-94	TALYS-6a	0 [8]	19
Tc-98(n,n'dh)Zr-93	TALYS-6a	0 [8]	14
Tc-98(n,n'ta)Zr-91	TALYS-6a	0 [8]	24
Tc-98(n,2n2p)Nb-95g	TALYS-6a	0	21
Tc-98(n,2n2p)Nb-95m	TALYS-6a	0	21
Tc-98(n,ph)Zr-95	TALYS-6a	0 [8]	25
Tc-98(n,ha)Y-92	TALYS-6a	0 [8,7,8]	26
Tc-98(n,4n2p)Nb-93g	TALYS-6a	0	11
Tc-98(n,4n2p)Nb-93m	TALYS-6a	0	11
Tc-98(n,4n2a)Y-87g	TALYS-6a	0	10
Tc-98(n,4n2a)Y-87m	TALYS-6a	0	10
Tc-98(n,4npa)Zr-90g	TALYS-6a	0	13
Tc-98(n,4npa)Zr-90m	TALYS-6a	0	12
Tc-98(n,n'3p)Zr-95	TALYS-6a	0 [8]	18
Tc-98(n,3n2pa)Y-90g	TALYS-6a	0	10
Tc-98(n,3n2pa)Y-90m	TALYS-6a	0	10
Tc-98(n,5n2p)Nb-92g	TALYS-6a	0	7
Tc-98(n,5n2p)Nb-92m	TALYS-6a	0	7
Tc-99(n,n')Tc-99m	TALYS-5	4 [3]	89
Tc-99(n,2nd)Mo-96	TALYS-6a	0 [8]	26
Tc-99(n,2n)Tc-98	ADL-3	2 [13,3]	45
Tc-99(n,3n)Tc-97g	TALYS-6a	0	30
Tc-99(n,3n)Tc-97m	TALYS-6a	0	30
Tc-99(n,n'a)Nb-95g	TALYS-6a	0	58
Tc-99(n,n'a)Nb-95m	TALYS-6a	0	57
Tc-99(n,2na)Nb-94g	TALYS-6a	0	33
Tc-99(n,2na)Nb-94m	TALYS-6a	0	33
Tc-99(n,3na)Nb-93g	TALYS-6a	0	25
Tc-99(n,3na)Nb-93m	TALYS-6a	0	25
Tc-99(n,n'p)Mo-98	TALYS-6a	0 [8]	50
Tc-99(n,n'2a)Y-91g	TALYS-6a	0	33
Tc-99(n,n'2a)Y-91m	TALYS-6a	0	32
Tc-99(n,2n2a)Y-90g	TALYS-6a	0	24
Tc-99(n,2n2a)Y-90m	TALYS-6a	0	23
Tc-99(n,n'd)Mo-97	TALYS-6a	0 [8]	34
Tc-99(n,n't)Mo-96	TALYS-6a	0 [8]	32
Tc-99(n,n'h)Nb-96	TALYS-6a	0 [8]	26
Tc-99(n,4n)Tc-96g	TALYS-6a	0	21
Tc-99(n,4n)Tc-96m	TALYS-6a	0	20
Tc-99(n,2np)Mo-97	TALYS-6a	0	31
Tc-99(n,3np)Mo-96	TALYS-6a	0	24
Tc-99(n,n'2p)Nb-97g	TALYS-6a	0	27
Tc-99(n,n'2p)Nb-97m	TALYS-6a	0	26
Tc-99(n,n'pa)Zr-94	TALYS-6a	0 [8]	32
Tc-99(n,g)Tc-100	JENDL-3.2	4 [13]	
46137			
Tc-99(n,p)Mo-99	JENDL-3.2/A	4 [13,8]	56
Tc-99(n,d)Mo-98	TALYS-6a	0 [8]	60
Tc-99(n,t)Mo-97	TALYS-6a	0 [8]	46
Tc-99(n,h)Nb-97g	TALYS-6a	0	38
Tc-99(n,h)Nb-97m	TALYS-6a	0	37
Tc-99(n,a)Nb-96	TALYS-5	4 [9,3,3]	
36188			
Tc-99(n,2a)Y-92	TALYS-6a	0	100
Tc-99(n,2p)Nb-98g	TALYS-6a	0	35
Tc-99(n,2p)Nb-98m	TALYS-6a	0	35
Tc-99(n,pa)Zr-95	TALYS-6a	0 [8]	45
Tc-99(n,pd)Nb-97g	TALYS-6a	0	29
Tc-99(n,pd)Nb-97m	TALYS-6a	0	28
Tc-99(n,pt)Nb-96	TALYS-6a	0 [8]	27
Tc-99(n,da)Zr-94	TALYS-6a	0 [8]	35
Tc-99(n,5n)Tc-95g	TALYS-6a	0	15
Tc-99(n,5n)Tc-95m	TALYS-6a	0	15
Tc-99(n,6n)Tc-94g	TALYS-6a	0	10
Tc-99(n,6n)Tc-94m	TALYS-6a	0	9
Tc-99(n,2nt)Mo-95	TALYS-6a	0 [8]	22
Tc-99(n,ta)Zr-93	TALYS-6a	0 [8]	31
Tc-99(n,4np)Mo-95	TALYS-6a	0	16
Tc-99(n,3nd)Mo-95	TALYS-6a	0	17
Tc-99(n,n'da)Zr-93	TALYS-6a	0 [8]	25
Tc-99(n,2npa)Zr-93	TALYS-6a	0 [8]	23
Tc-99(n,7n)Tc-93g	TALYS-6a	0	5
Tc-99(n,7n)Tc-93m	TALYS-6a	0	5
Tc-99(n,5np)Mo-94	TALYS-6a	0	12
Tc-99(n,6np)Mo-93g	TALYS-6a	0 [4]	7
Tc-99(n,6np)Mo-93m	TALYS-6a	0 [4,7,8]	5
Tc-99(n,4na)Nb-92g	TALYS-6a	0	16
Tc-99(n,4na)Nb-92m	TALYS-6a	0	16
Tc-99(n,5na)Nb-91g	TALYS-6a	0	12
Tc-99(n,5na)Nb-91m	TALYS-6a	0	12
Tc-99(n,6na)Nb-90g	TALYS-6a	0 [4]	6
+Tc-99(n,6na)Nb-90m	TALYS-6a	0 [4,7,8]	6
+Tc-99(n,6na)Nb-90n	TALYS-6a	0 [4,7,8]	5
Tc-99(n,4nd)Mo-94	TALYS-6a	0	13
Tc-99(n,5nd)Mo-93g	TALYS-6a	0 [4]	8
Tc-99(n,5nd)Mo-93m	TALYS-6a	0 [4,7,8]	6
Tc-99(n,3nt)Mo-94	TALYS-6a	0	16
Tc-99(n,4nt)Mo-93g	TALYS-6a	0 [4]	11
Tc-99(n,4nt)Mo-93m	TALYS-6a	0 [4,7,8]	9
Tc-99(n,5nt)Mo-92	TALYS-6a	0	7
Tc-99(n,2nh)Nb-95g	TALYS-6a	0	20
Tc-99(n,2nh)Nb-95m	TALYS-6a	0	19
Tc-99(n,3nh)Nb-94g	TALYS-6a	0	14
Tc-99(n,3nh)Nb-94m	TALYS-6a	0	14
Tc-99(n,4nh)Nb-93g	TALYS-6a	0	11
Tc-99(n,4nh)Nb-93m	TALYS-6a	0	10
Tc-99(n,3n2p)Nb-95g	TALYS-6a	0	14
Tc-99(n,3n2p)Nb-95m	TALYS-6a	0	14
Tc-99(n,3n2a)Y-89g	TALYS-6a	0	17
Tc-99(n,3n2a)Y-89m	TALYS-6a	0	16
Tc-99(n,3npa)Zr-92	TALYS-6a	0 [8]	16
Tc-99(n,dt)Nb-95g	TALYS-6a	0	21
Tc-99(n,dt)Nb-95m	TALYS-6a	0	21
Tc-99(n,n'pd)Nb-96	TALYS-6a	0 [8]	21
Tc-99(n,n'pt)Nb-95g	TALYS-6a	0	20
Tc-99(n,n'pt)Nb-95m	TALYS-6a	0	20
Tc-99(n,n'dt)Nb-94g	TALYS-6a	0	15
Tc-99(n,n'dt)Nb-94m	TALYS-6a	0	15
Tc-99(n,n'ph)Zr-95	TALYS-6a	0 [8]	16
Tc-99(n,n'dh)Zr-94	TALYS-6a	0 [8]	13
Tc-99(n,n'ta)Zr-92	TALYS-6a	0 [8]	24
Tc-99(n,2n2p)Nb-96	TALYS-6a	0 [8]	19
Tc-99(n,4n2p)Nb-94g	TALYS-6a	0	10
Tc-99(n,4n2p)Nb-94m	TALYS-6a	0	10
Tc-99(n,4n2a)Y-88	TALYS-6a	0 [8]	10
Tc-99(n,4npa)Zr-91	TALYS-6a	0 [8]	12
Tc-99(n,n'3p)Zr-96	TALYS-6a	0 [8]	16
Tc-99(n,5n2p)Nb-93g	TALYS-6a	0	7
Tc-99(n,5n2p)Nb-93m	TALYS-6a	0	7
Tc-99m(n,2nd)Mo-96	TALYS-6a	0 [8]	26
Tc-99m(n,2n)Tc-98	TALYS-6a	0	44
Tc-99m(n,3n)Tc-97g	TALYS-6a	0	30
Tc-99m(n,3n)Tc-97m	TALYS-6a	0	30
Tc-99m(n,n'a)Nb-95g	TALYS-6a	0	59
Tc-99m(n,n'a)Nb-95m	TALYS-6a	0	58
Tc-99m(n,2na)Nb-94g	TALYS-6a	0	33
Tc-99m(n,2na)Nb-94m	TALYS-6a	0	33
Tc-99m(n,3na)Nb-93g	TALYS-6a	0	25

Reaction	Library	Value	Refs	Num
Tc-99m(n,3na)Nb-93m	TALYS-6a	0		25
Tc-99m(n,n'p)Mo-98	TALYS-6a	0	[8]	51
Tc-99m(n,n'2a)Y-91g	TALYS-6a	0		33
Tc-99m(n,n'2a)Y-91m	TALYS-6a	0		32
Tc-99m(n,2n2a)Y-90g	TALYS-6a	0		24
Tc-99m(n,2n2a)Y-90m	TALYS-6a	0		23
Tc-99m(n,n'd)Mo-97	TALYS-6a	0	[8]	34
Tc-99m(n,n't)Mo-96	TALYS-6a	0	[8]	32
Tc-99m(n,n'h)Nb-96	TALYS-6a	0	[8]	27
Tc-99m(n,4n)Tc-96g	TALYS-6a	0		21
Tc-99m(n,4n)Tc-96m	TALYS-6a	0		21
Tc-99m(n,2np)Mo-97	TALYS-6a	0		31
Tc-99m(n,3np)Mo-96	TALYS-6a	0		24
Tc-99m(n,n'2p)Nb-97g	TALYS-6a	0		28
Tc-99m(n,n'2p)Nb-97m	TALYS-6a	0		27
Tc-99m(n,n'pa)Zr-94	TALYS-6a	0	[8]	32
Tc-99m(n,g)Tc-100	TALYS-6a	0	[14]	100
Tc-99m(n,p)Mo-99	TALYS-6a	0	[2,8]	81
Tc-99m(n,d)Mo-98	TALYS-6a	0	[8]	61
Tc-99m(n,t)Mo-97	TALYS-6a	0	[8]	47
Tc-99m(n,h)Nb-97g	TALYS-6a	0		38
Tc-99m(n,h)Nb-97m	TALYS-6a	0		36
Tc-99m(n,a)Nb-96	TALYS-6a	0	[2]	100
Tc-99m(n,2a)Y-92	TALYS-6a	0		100
Tc-99m(n,2p)Nb-98g	TALYS-6a	0		36
Tc-99m(n,2p)Nb-98m	TALYS-6a	0		36
Tc-99m(n,pa)Zr-95	TALYS-6a	0	[8]	45
Tc-99m(n,pd)Nb-97g	TALYS-6a	0		29
Tc-99m(n,pd)Nb-97m	TALYS-6a	0		28
Tc-99m(n,pt)Nb-96	TALYS-6a	0	[8]	27
Tc-99m(n,da)Zr-94	TALYS-6a	0	[8]	35
Tc-99m(n,5n)Tc-95g	TALYS-6a	0		15
Tc-99m(n,5n)Tc-95m	TALYS-6a	0		15
Tc-99m(n,6n)Tc-94g	TALYS-6a	0		10
Tc-99m(n,6n)Tc-94m	TALYS-6a	0		10
Tc-99m(n,2nt)Mo-95	TALYS-6a	0	[8]	22
Tc-99m(n,ta)Zr-93	TALYS-6a	0	[8]	31
Tc-99m(n,4np)Mo-95	TALYS-6a	0		16
Tc-99m(n,3nd)Mo-95	TALYS-6a	0		17
Tc-99m(n,n'da)Zr-93	TALYS-6a	0	[8]	25
Tc-99m(n,2npa)Zr-93	TALYS-6a	0	[8]	23
Tc-99m(n,7n)Tc-93g	TALYS-6a	0		5
Tc-99m(n,7n)Tc-93m	TALYS-6a	0		5
Tc-99m(n,5np)Mo-94	TALYS-6a	0		12
Tc-99m(n,6np)Mo-93g	TALYS-6a	0	[4]	7
Tc-99m(n,6np)Mo-93m	TALYS-6a	0	[4,7,8]	5
Tc-99m(n,4na)Nb-92g	TALYS-6a	0		16
Tc-99m(n,4na)Nb-92m	TALYS-6a	0		16
Tc-99m(n,5na)Nb-91g	TALYS-6a	0		12
Tc-99m(n,5na)Nb-91m	TALYS-6a	0		12
Tc-99m(n,4nd)Mo-94	TALYS-6a	0		13
Tc-99m(n,5nd)Mo-93g	TALYS-6a	0	[4]	8
Tc-99m(n,5nd)Mo-93m	TALYS-6a	0	[4,7,8]	6
Tc-99m(n,3nt)Mo-94	TALYS-6a	0		16
Tc-99m(n,4nt)Mo-93g	TALYS-6a	0	[4,8]	11
Tc-99m(n,4nt)Mo-93m	TALYS-6a	0	[4,7,8,8]	8
Tc-99m(n,5nt)Mo-92	TALYS-6a	0		7
Tc-99m(n,2nh)Nb-95g	TALYS-6a	0		20
Tc-99m(n,2nh)Nb-95m	TALYS-6a	0		20
Tc-99m(n,3nh)Nb-94g	TALYS-6a	0		14
Tc-99m(n,3nh)Nb-94m	TALYS-6a	0		14
Tc-99m(n,4nh)Nb-93g	TALYS-6a	0		11
Tc-99m(n,4nh)Nb-93m	TALYS-6a	0		11
Tc-99m(n,3n2p)Nb-95g	TALYS-6a	0		15
Tc-99m(n,3n2p)Nb-95m	TALYS-6a	0		14
Tc-99m(n,3n2a)Y-89g	TALYS-6a	0		17
Tc-99m(n,3n2a)Y-89m	TALYS-6a	0		16
Tc-99m(n,3npa)Zr-92	TALYS-6a	0	[8]	16
Tc-99m(n,dt)Nb-95g	TALYS-6a	0		21
Tc-99m(n,dt)Nb-95m	TALYS-6a	0		21
Tc-99m(n,n'pd)Nb-96	TALYS-6a	0	[8]	21
Tc-99m(n,n'pt)Nb-95g	TALYS-6a	0		20
Tc-99m(n,n'pt)Nb-95m	TALYS-6a	0		20
Tc-99m(n,n'dt)Nb-94g	TALYS-6a	0		15
Tc-99m(n,n'dt)Nb-94m	TALYS-6a	0		15
Tc-99m(n,n'ph)Zr-95	TALYS-6a	0	[8]	16
Tc-99m(n,n'dh)Zr-94	TALYS-6a	0	[8]	13
Tc-99m(n,n'th)Zr-93	TALYS-6a	0	[8]	12
Tc-99m(n,n'ta)Zr-92	TALYS-6a	0	[8]	24
Tc-99m(n,2n2p)Nb-96	TALYS-6a	0	[8]	19
Tc-99m(n,ph)Zr-96	TALYS-6a	0	[8]	24
Tc-99m(n,4n2p)Nb-94g	TALYS-6a	0		10
Tc-99m(n,4n2p)Nb-94m	TALYS-6a	0		10
Tc-99m(n,4n2a)Y-88	TALYS-6a	0	[8]	10
Tc-99m(n,4npa)Zr-91	TALYS-6a	0	[8]	12
Tc-99m(n,n'3p)Zr-96	TALYS-6a	0	[8]	16
Tc-99m(n,5n2p)Nb-93g	TALYS-6a	0		7
Tc-99m(n,5n2p)Nb-93m	TALYS-6a	0		7
Ru-96(n,2nd)Tc-93g	TALYS-6a	0		22
Ru-96(n,2nd)Tc-93m	TALYS-6a	0		21
>Ru-96(n,2n)Ru-95	TALYS-6a	6	[3]	40
Ru-96(n,3n)Ru-94	TALYS-6a	0		27
Ru-96(n,n'a)Mo-92	TALYS-6a	0	[8]	64
Ru-96(n,n'3a)Sr-84	TALYS-6a	0	[8]	16
Ru-96(n,2na)Mo-91g	TALYS-6a	0		29
Ru-96(n,2na)Mo-91m	TALYS-6a	0		29
Ru-96(n,3na)Mo-90	TALYS-6a	0	[8]	19
Ru-96(n,n'p)Tc-95g	TALYS-6a	0		46
Ru-96(n,n'p)Tc-95m	TALYS-6a	0		45
Ru-96(n,n'2a)Zr-88	TALYS-6a	0	[8]	31
Ru-96(n,2n2a)Zr-87g	TALYS-6a	0		18
Ru-96(n,2n2a)Zr-87m	TALYS-6a	0		17
Ru-96(n,n'd)Tc-94g	TALYS-6a	0		30
Ru-96(n,n'd)Tc-94m	TALYS-6a	0		30
Ru-96(n,n't)Tc-93g	TALYS-6a	0		28
Ru-96(n,n't)Tc-93m	TALYS-6a	0		27
Ru-96(n,n'h)Mo-93g	TALYS-6a	0	[4,8]	29
Ru-96(n,n'h)Mo-93m	TALYS-6a	0	[4,7,8,8]	28
Ru-96(n,n'd2a)Y-86g	TALYS-6a	0		12
Ru-96(n,n'd2a)Y-86m	TALYS-6a	0		12
Ru-96(n,4n)Ru-93g	TALYS-6a	0		15
Ru-96(n,4n)Ru-93m	TALYS-6a	0		14
Ru-96(n,2np)Tc-94g	TALYS-6a	0		28
Ru-96(n,2np)Tc-94m	TALYS-6a	0		28
Ru-96(n,3np)Tc-93g	TALYS-6a	0		20
Ru-96(n,3np)Tc-93m	TALYS-6a	0		20
Ru-96(n,n'2p)Mo-94	TALYS-6a	0	[8]	33
Ru-96(n,n'pa)Nb-91g	TALYS-6a	0		34
Ru-96(n,n'pa)Nb-91m	TALYS-6a	0		34
Ru-96(n,g)Ru-97	JEF-2.2	4	[13,4,10]	362
Ru-96(n,p)Tc-96g	TALYS-6a	0	[2]	100
Ru-96(n,p)Tc-96m	TALYS-6a	0	[2]	100
Ru-96(n,d)Tc-95g	TALYS-6a	0		56
Ru-96(n,d)Tc-95m	TALYS-6a	0		55
Ru-96(n,t)Tc-94g	TALYS-6a	0		41
Ru-96(n,t)Tc-94m	TALYS-6a	0		41
Ru-96(n,h)Mo-94	TALYS-6a	0	[8]	49
Ru-96(n,a)Mo-93g	TALYS-6a	0	[4,2]	100
Ru-96(n,a)Mo-93m	TALYS-6a	0	[7,4,7,2]	100
Ru-96(n,2a)Zr-89g	TALYS-6a	0		100
Ru-96(n,2a)Zr-89m	TALYS-6a	0		100
Ru-96(n,3a)Sr-85g	TALYS-6a	0		25
Ru-96(n,3a)Sr-85m	TALYS-6a	0		24
Ru-96(n,2p)Mo-95	TALYS-6a	0	[8]	52
Ru-96(n,pa)Nb-92g	TALYS-6a	0		57
Ru-96(n,pa)Nb-92m	TALYS-6a	0		57
Ru-96(n,t2a)Y-86g	TALYS-6a	0		15
Ru-96(n,t2a)Y-86m	TALYS-6a	0		15
Ru-96(n,d2a)Y-87g	TALYS-6a	0		19
Ru-96(n,d2a)Y-87m	TALYS-6a	0		19
Ru-96(n,pd)Mo-94	TALYS-6a	0	[8]	36
Ru-96(n,pt)Mo-93g	TALYS-6a	0	[4,8]	30
Ru-96(n,pt)Mo-93m	TALYS-6a	0	[4,7,8,8]	28
Ru-96(n,da)Nb-91g	TALYS-6a	0		37
Ru-96(n,da)Nb-91m	TALYS-6a	0		36
Ru-96(n,5n)Ru-92	TALYS-6a	0		9
Ru-96(n,2nt)Tc-92	TALYS-6a	0		16
>Ru-96(n,ta)Nb-90g	TALYS-6a	0	[4]	28
>Ru-96(n,ta)Nb-90m	TALYS-6a	0	[4,7,8]	27
+Ru-96(n,ta)Nb-90n	TALYS-6a	0	[4,7,8]	27
Ru-96(n,4np)Tc-92	TALYS-6a	0		12
Ru-96(n,3nd)Tc-92	TALYS-6a	0		13
>Ru-96(n,n'da)Nb-90g	TALYS-6a	0	[4]	22
>Ru-96(n,n'da)Nb-90m	TALYS-6a	0	[4,7,8]	21
+Ru-96(n,n'da)Nb-90n	TALYS-6a	0	[4,7,8]	21
Ru-96(n,2npa)Nb-90g	TALYS-6a	0	[4]	20
Ru-96(n,2npa)Nb-90m	TALYS-6a	0	[4,7,8]	20
+Ru-96(n,2npa)Nb-90n	TALYS-6a	0	[4,7,8]	19
Ru-96(n,5np)Tc-91g	TALYS-6a	0		6
Ru-96(n,5np)Tc-91m	TALYS-6a	0		6
Ru-96(n,4na)Mo-89	TALYS-6a	0		11
Ru-96(n,4nd)Tc-91g	TALYS-6a	0		7
Ru-96(n,4nd)Tc-91m	TALYS-6a	0		7
Ru-96(n,3nt)Tc-91g	TALYS-6a	0		10
Ru-96(n,3nt)Tc-91m	TALYS-6a	0		10
Ru-96(n,2nh)Mo-92	TALYS-6a	0	[8]	21
Ru-96(n,3nh)Mo-91g	TALYS-6a	0		12
Ru-96(n,3nh)Mo-91m	TALYS-6a	0		12
Ru-96(n,4nh)Mo-90	TALYS-6a	0	[8]	7
Ru-96(n,3n2p)Mo-92	TALYS-6a	0	[8]	15
Ru-96(n,3n2a)Zr-86	TALYS-6a	0	[8]	12
Ru-96(n,3npa)Nb-89g	TALYS-6a	0		13
Ru-96(n,3npa)Nb-89m	TALYS-6a	0		13
Ru-96(n,dt)Mo-92	TALYS-6a	0	[8]	23
Ru-96(n,n'pd)Mo-93g	TALYS-6a	0	[4,8]	24
Ru-96(n,n'pd)Mo-93m	TALYS-6a	0	[4,7,8,8]	22
Ru-96(n,n'pt)Mo-92	TALYS-6a	0	[8]	22
Ru-96(n,n'dt)Mo-91g	TALYS-6a	0		13
Ru-96(n,n'dt)Mo-91m	TALYS-6a	0		13
Ru-96(n,n'ph)Nb-92g	TALYS-6a	0		19
Ru-96(n,n'ph)Nb-92m	TALYS-6a	0		19
Ru-96(n,n'dh)Nb-91g	TALYS-6a	0		14
Ru-96(n,n'dh)Nb-91m	TALYS-6a	0		14
Ru-96(n,n'th)Nb-90g	TALYS-6a	0	[4]	11
Ru-96(n,n'th)Nb-90m	TALYS-6a	0	[4,7,8]	11
+Ru-96(n,n'th)Nb-90n	TALYS-6a	0	[4,7,8]	10
Ru-96(n,n'ta)Nb-89g	TALYS-6a	0		17
Ru-96(n,n'ta)Nb-89m	TALYS-6a	0		16
Ru-96(n,2n2p)Mo-93g	TALYS-6a	0	[4,8]	22
Ru-96(n,2n2p)Mo-93m	TALYS-6a	0	[4,7,8,8]	20
Ru-96(n,ph)Nb-93g	TALYS-6a	0		28
Ru-96(n,ph)Nb-93m	TALYS-6a	0		28
Ru-96(n,dh)Nb-92g	TALYS-6a	0		19
Ru-96(n,dh)Nb-92m	TALYS-6a	0		19
Ru-96(n,ha)Zr-90g	TALYS-6a	0		31
Ru-96(n,ha)Zr-90m	TALYS-6a	0		29
Ru-96(n,4n2p)Mo-91g	TALYS-6a	0		9
Ru-96(n,4n2p)Mo-91m	TALYS-6a	0		9
Ru-96(n,4npa)Nb-88g	TALYS-6a	0	[4,8]	7
Ru-96(n,4npa)Nb-88m	TALYS-6a	0	[4,7,8,8]	7
Ru-96(n,3p)Nb-94g	TALYS-6a	0		28
Ru-96(n,3p)Nb-94m	TALYS-6a	0		28
Ru-96(n,n'3p)Nb-93g	TALYS-6a	0		21
Ru-96(n,n'3p)Nb-93m	TALYS-6a	0		21
Ru-96(n,3n2pa)Zr-88	TALYS-6a	0	[8]	9
Ru-97(n,2nd)Tc-94g	TALYS-6a	0		22
Ru-97(n,2nd)Tc-94m	TALYS-6a	0		22
Ru-97(n,2n)Ru-96	TALYS-6a	0		45
Ru-97(n,3n)Ru-95	TALYS-6a	0		27
Ru-97(n,n'a)Mo-93g	TALYS-6a	0	[4,8]	64
Ru-97(n,n'a)Mo-93m	TALYS-6a	0	[4,7,8,8]	63
Ru-97(n,n'3a)Sr-85g	TALYS-6a	0		16
Ru-97(n,n'3a)Sr-85m	TALYS-6a	0		16
Ru-97(n,2na)Mo-92	TALYS-6a	0	[8]	36
Ru-97(n,3na)Mo-91g	TALYS-6a	0		21
Ru-97(n,3na)Mo-91m	TALYS-6a	0		20
Ru-97(n,n'p)Tc-96g	TALYS-6a	0		45
Ru-97(n,n'p)Tc-96m	TALYS-6a	0		45

Reaction	Source		Ref	Value
Ru-97(n,n'2a)Zr-89g	TALYS-6a	0		33
Ru-97(n,n'2a)Zr-89m	TALYS-6a	0		31
Ru-97(n,2n2a)Zr-88	TALYS-6a	0	[8]	22
Ru-97(n,n'd)Tc-95g	TALYS-6a	0		33
Ru-97(n,n'd)Tc-95m	TALYS-6a	0		33
Ru-97(n,n't)Tc-94g	TALYS-6a	0		28
Ru-97(n,n't)Tc-94m	TALYS-6a	0		28
Ru-97(n,n'h)Mo-94	TALYS-6a	0	[8]	31
Ru-97(n,n'd2a)Y-87g	TALYS-6a	0		14
Ru-97(n,n'd2a)Y-87m	TALYS-6a	0		14
Ru-97(n,4n)Ru-94	TALYS-6a	0		18
Ru-97(n,2np)Tc-95g	TALYS-6a	0		30
Ru-97(n,2np)Tc-95m	TALYS-6a	0		30
Ru-97(n,3np)Tc-94g	TALYS-6a	0		21
Ru-97(n,3np)Tc-94m	TALYS-6a	0		20
Ru-97(n,n'2p)Mo-95	TALYS-6a	0	[8]	31
Ru-97(n,n'pa)Nb-92g	TALYS-6a	0		33
Ru-97(n,n'pa)Nb-92m	TALYS-6a	0		33
Ru-97(n,g)Ru-98	MASGAM	0	[14,13]	83
Ru-97(n,p)Tc-97g	TALYS-6a	0	[2]	100
Ru-97(n,p)Tc-97m	TALYS-6a	0	[2]	100
Ru-97(n,d)Tc-96g	TALYS-6a	0		54
Ru-97(n,d)Tc-96m	TALYS-6a	0		54
Ru-97(n,t)Tc-95g	TALYS-6a	0		45
Ru-97(n,t)Tc-95m	TALYS-6a	0		45
Ru-97(n,h)Mo-95	TALYS-6a	0	[8]	45
Ru-97(n,a)Mo-94	TALYS-6a	0	[2]	100
Ru-97(n,2a)Zr-90g	TALYS-6a	0		100
Ru-97(n,2a)Zr-90m	TALYS-6a	0		100
Ru-97(n,3a)Sr-86	TALYS-6a	0	[8]	29
Ru-97(n,2p)Mo-96	TALYS-6a	0	[8]	57
Ru-97(n,pa)Nb-93g	TALYS-6a	0		61
Ru-97(n,pa)Nb-93m	TALYS-6a	0		60
Ru-97(n,t2a)Y-87g	TALYS-6a	0		17
Ru-97(n,t2a)Y-87m	TALYS-6a	0		17
Ru-97(n,d2a)Y-88	TALYS-6a	0	[8]	21
Ru-97(n,pd)Mo-95	TALYS-6a	0	[8]	35
Ru-97(n,pt)Mo-94	TALYS-6a	0	[8]	32
Ru-97(n,da)Nb-92g	TALYS-6a	0		36
Ru-97(n,da)Nb-92m	TALYS-6a	0		36
Ru-97(n,5n)Ru-93g	TALYS-6a	0		11
Ru-97(n,5n)Ru-93m	TALYS-6a	0		10
Ru-97(n,6n)Ru-92	TALYS-6a	0		5
Ru-97(n,2nt)Tc-93g	TALYS-6a	0		19
Ru-97(n,2nt)Tc-93m	TALYS-6a	0		19
Ru-97(n,ta)Nb-91g	TALYS-6a	0		32
Ru-97(n,ta)Nb-91m	TALYS-6a	0		32
Ru-97(n,4np)Tc-93g	TALYS-6a	0		14
Ru-97(n,4np)Tc-93m	TALYS-6a	0		14
Ru-97(n,3nd)Tc-93g	TALYS-6a	0		15
Ru-97(n,3nd)Tc-93m	TALYS-6a	0		15
Ru-97(n,n'da)Nb-91g	TALYS-6a	0		26
Ru-97(n,n'da)Nb-91m	TALYS-6a	0		26
Ru-97(n,2npa)Nb-91g	TALYS-6a	0		24
Ru-97(n,2npa)Nb-91m	TALYS-6a	0		24
Ru-97(n,5np)Tc-92	TALYS-6a	0		8
Ru-97(n,4na)Mo-90	TALYS-6a	0	[8]	13
Ru-97(n,5na)Mo-89	TALYS-6a	0		7
Ru-97(n,4nd)Tc-92	TALYS-6a	0		9
Ru-97(n,3nt)Tc-92	TALYS-6a	0	[8]	11
Ru-97(n,4nt)Tc-91g	TALYS-6a	0		6
Ru-97(n,4nt)Tc-91m	TALYS-6a	0		6
Ru-97(n,2nh)Mo-93g	TALYS-6a	0	[4,8]	21
Ru-97(n,2nh)Mo-93m	TALYS-6a	0	[4,7,8,8]	20
Ru-97(n,3nh)Mo-92	TALYS-6a	0	[8]	15
Ru-97(n,4nh)Mo-91g	TALYS-6a	0		8
Ru-97(n,4nh)Mo-91m	TALYS-6a	0		8
Ru-97(n,3n2p)Mo-93g	TALYS-6a	0	[4,8]	15
Ru-97(n,3n2p)Mo-93m	TALYS-6a	0	[4,7,8,8]	13
Ru-97(n,3n2a)Zr-87g	TALYS-6a	0		13
Ru-97(n,3n2a)Zr-87m	TALYS-6a	0		12
Ru-97(n,3npa)Nb-90g	TALYS-6a	0	[4]	14
Ru-97(n,3npa)Nb-90m	TALYS-6a	0	[4,7,8]	14
+Ru-97(n,3npa)Nb-90n	TALYS-6a	0	[4,7,8]	13
Ru-97(n,dt)Mo-93g	TALYS-6a	0	[4,8]	23
Ru-97(n,dt)Mo-93m	TALYS-6a	0	[4,7,8,8]	22
Ru-97(n,n'pd)Mo-94	TALYS-6a	0	[8]	26
Ru-97(n,n'pt)Mo-93g	TALYS-6a	0	[4,8]	22
Ru-97(n,n'pt)Mo-93m	TALYS-6a	0	[4,7,8,8]	20
Ru-97(n,n'dt)Mo-92	TALYS-6a	0	[8]	15
Ru-97(n,n'ph)Nb-93g	TALYS-6a	0		20
Ru-97(n,n'ph)Nb-93m	TALYS-6a	0		19
Ru-97(n,n'dh)Nb-92g	TALYS-6a	0		14
Ru-97(n,n'dh)Nb-92m	TALYS-6a	0		14
Ru-97(n,n'th)Nb-91g	TALYS-6a	0		13
Ru-97(n,n'th)Nb-91m	TALYS-6a	0		13
Ru-97(n,n'ta)Nb-90g	TALYS-6a	0	[4]	19
Ru-97(n,n'ta)Nb-90m	TALYS-6a	0	[4,7,8]	19
+Ru-97(n,n'ta)Nb-90n	TALYS-6a	0	[4,7,8]	18
Ru-97(n,2n2p)Mo-94	TALYS-6a	0	[8]	24
Ru-97(n,ph)Nb-94g	TALYS-6a	0		27
Ru-97(n,ph)Nb-94m	TALYS-6a	0		26
Ru-97(n,ha)Zr-91	TALYS-6a	0	[8]	30
Ru-97(n,4n2p)Mo-92	TALYS-6a	0	[8]	11
Ru-97(n,4npa)Nb-89g	TALYS-6a	0		9
Ru-97(n,4npa)Nb-89m	TALYS-6a	0		9
Ru-97(n,3p)Nb-95g	TALYS-6a	0		28
Ru-97(n,3p)Nb-95m	TALYS-6a	0		27
Ru-97(n,n'3p)Nb-94g	TALYS-6a	0		19
Ru-97(n,n'3p)Nb-94m	TALYS-6a	0		19
Ru-97(n,3n2pa)Zr-89g	TALYS-6a	0		10
Ru-97(n,3n2pa)Zr-89m	TALYS-6a	0		10
Ru-98(n,2nd)Tc-95g	TALYS-6a	0		22
Ru-98(n,2nd)Tc-95m	TALYS-6a	0		22
Ru-98(n,2n)Ru-97	ADL-3	2	[13]	45
Ru-98(n,3n)Ru-96	TALYS-6a	0		28
Ru-98(n,n'a)Mo-94	TALYS-6a	0		61
Ru-98(n,n'3a)Sr-86	TALYS-6a	0	[8]	18
Ru-98(n,2na)Mo-93g	TALYS-6a	0	[4,8]	32
Ru-98(n,2na)Mo-93m	TALYS-6a	0	[4,7,8,8]	31
Ru-98(n,3na)Mo-92	TALYS-6a	0	[8]	24
Ru-98(n,n'p)Tc-97g	TALYS-6a	0		44
Ru-98(n,n'p)Tc-97m	TALYS-6a	0		44
Ru-98(n,n'2a)Zr-90g	TALYS-6a	0		37
Ru-98(n,n'2a)Zr-90m	TALYS-6a	0		32
Ru-98(n,2n2a)Zr-89g	TALYS-6a	0		22
Ru-98(n,2n2a)Zr-89m	TALYS-6a	0		20
Ru-98(n,n'd)Tc-96g	TALYS-6a	0		30
Ru-98(n,n'd)Tc-96m	TALYS-6a	0		30
Ru-98(n,n't)Tc-95g	TALYS-6a	0		28
Ru-98(n,n't)Tc-95m	TALYS-6a	0		28
Ru-98(n,n'h)Mo-95	TALYS-6a	0	[8]	28
Ru-98(n,n'd2a)Y-88	TALYS-6a	0	[8]	13
Ru-98(n,4n)Ru-95	TALYS-6a	0		17
Ru-98(n,2np)Tc-96g	TALYS-6a	0		28
Ru-98(n,2np)Tc-96m	TALYS-6a	0		28
Ru-98(n,3np)Tc-95g	TALYS-6a	0		20
Ru-98(n,3np)Tc-95m	TALYS-6a	0		20
Ru-98(n,n'2p)Mo-96	TALYS-6a	0	[8]	30
Ru-98(n,n'pa)Nb-93g	TALYS-6a	0		31
Ru-98(n,n'pa)Nb-93m	TALYS-6a	0		31
Ru-98(n,g)Ru-99	JEF-2.2	2	[13,10]	314
Ru-98(n,p)Tc-98	TALYS-6a	0	[2,8]	78
Ru-98(n,d)Tc-97g	TALYS-6a	0		51
Ru-98(n,d)Tc-97m	TALYS-6a	0		50
Ru-98(n,t)Tc-96g	TALYS-6a	0		40
Ru-98(n,t)Tc-96m	TALYS-6a	0		40
Ru-98(n,h)Mo-96	TALYS-6a	0	[8]	43
Ru-98(n,a)Mo-95	TALYS-6a	0	[2]	100
Ru-98(n,2a)Zr-91	TALYS-6a	0		100
Ru-98(n,3a)Sr-87g	TALYS-6a	0		26
Ru-98(n,3a)Sr-87m	TALYS-6a	0		25
Ru-98(n,2p)Mo-97	TALYS-6a	0	[8]	43
Ru-98(n,pa)Nb-94g	TALYS-6a	0		45
Ru-98(n,pa)Nb-94m	TALYS-6a	0		45
Ru-98(n,t2a)Y-88	TALYS-6a	0	[8]	16
Ru-98(n,d2a)Y-89g	TALYS-6a	0		23
Ru-98(n,d2a)Y-89m	TALYS-6a	0		22
Ru-98(n,pd)Mo-96	TALYS-6a	0	[8]	32
Ru-98(n,pt)Mo-95	TALYS-6a	0	[8]	29
Ru-98(n,da)Nb-93g	TALYS-6a	0		33
Ru-98(n,da)Nb-93m	TALYS-6a	0		33
Ru-98(n,5n)Ru-94	TALYS-6a	0		12
Ru-98(n,6n)Ru-93g	TALYS-6a	0		6
Ru-98(n,6n)Ru-93m	TALYS-6a	0		5
Ru-98(n,2nt)Tc-94g	TALYS-6a	0		18
Ru-98(n,2nt)Tc-94m	TALYS-6a	0		18
Ru-98(n,ta)Nb-92g	TALYS-6a	0		29
Ru-98(n,ta)Nb-92m	TALYS-6a	0		29
Ru-98(n,4np)Tc-94g	TALYS-6a	0		14
Ru-98(n,4np)Tc-94m	TALYS-6a	0		13
Ru-98(n,3nd)Tc-94g	TALYS-6a	0		14
Ru-98(n,3nd)Tc-94m	TALYS-6a	0		14
Ru-98(n,n'da)Nb-92g	TALYS-6a	0		23
Ru-98(n,n'da)Nb-92m	TALYS-6a	0		23
Ru-98(n,2npa)Nb-92g	TALYS-6a	0		22
Ru-98(n,2npa)Nb-92m	TALYS-6a	0		22
Ru-98(n,5np)Tc-93g	TALYS-6a	0		9
Ru-98(n,5np)Tc-93m	TALYS-6a	0		9
Ru-98(n,4na)Mo-91g	TALYS-6a	0		14
Ru-98(n,4na)Mo-91m	TALYS-6a	0		13
Ru-98(n,5na)Mo-90	TALYS-6a	0	[8]	8
Ru-98(n,4nd)Tc-93g	TALYS-6a	0		10
Ru-98(n,4nd)Tc-93m	TALYS-6a	0		10
Ru-98(n,3nt)Tc-93g	TALYS-6a	0		13
Ru-98(n,3nt)Tc-93m	TALYS-6a	0		13
Ru-98(n,4nt)Tc-92	TALYS-6a	0	[8]	6
Ru-98(n,2nh)Mo-94	TALYS-6a	0	[8]	20
Ru-98(n,3nh)Mo-93g	TALYS-6a	0	[4,8]	14
Ru-98(n,3nh)Mo-93m	TALYS-6a	0	[4,7,8,8]	12
Ru-98(n,4nh)Mo-92	TALYS-6a	0	[8]	10
Ru-98(n,3n2p)Mo-94	TALYS-6a	0	[8]	15
Ru-98(n,3n2a)Zr-88	TALYS-6a	0	[8]	14
Ru-98(n,3npa)Nb-91g	TALYS-6a	0		15
Ru-98(n,3npa)Nb-91m	TALYS-6a	0		15
Ru-98(n,dt)Mo-94	TALYS-6a	0	[8]	22
Ru-98(n,n'pd)Mo-95	TALYS-6a	0	[8]	23
Ru-98(n,n'pt)Mo-94	TALYS-6a	0	[8]	21
Ru-98(n,n'dt)Mo-93g	TALYS-6a	0	[4,8]	14
Ru-98(n,n'dt)Mo-93m	TALYS-6a	0	[4,7,8,8]	13
Ru-98(n,n'ph)Nb-94g	TALYS-6a	0		16
Ru-98(n,n'ph)Nb-94m	TALYS-6a	0		16
Ru-98(n,n'dh)Nb-93g	TALYS-6a	0		13
Ru-98(n,n'dh)Nb-93m	TALYS-6a	0		13
Ru-98(n,n'ta)Nb-91g	TALYS-6a	0		21
Ru-98(n,n'ta)Nb-91m	TALYS-6a	0		21
Ru-98(n,2n2p)Mo-95	TALYS-6a	0	[8]	21
Ru-98(n,ph)Nb-95g	TALYS-6a	0		25
Ru-98(n,ph)Nb-95m	TALYS-6a	0		24
Ru-98(n,ha)Zr-92	TALYS-6a	0	[8]	28
Ru-98(n,4n2p)Mo-93g	TALYS-6a	0	[4,8]	10
Ru-98(n,4n2p)Mo-93m	TALYS-6a	0	[4,7,8,8]	8
Ru-98(n,4npa)Nb-90g	TALYS-6a	0	[4]	9
Ru-98(n,4npa)Nb-90m	TALYS-6a	0	[4,7,8]	9
+Ru-98(n,4npa)Nb-90n	TALYS-6a	0	[4,7,8]	8
Ru-98(n,3p)Nb-96	TALYS-6a	0	[8]	24
Ru-98(n,n'3p)Nb-95g	TALYS-6a	0		17
Ru-98(n,n'3p)Nb-95m	TALYS-6a	0		17
Ru-98(n,3n2pa)Zr-90g	TALYS-6a	0		11
Ru-98(n,3n2pa)Zr-90m	TALYS-6a	0		10
Ru-98(n,5n2p)Mo-92	TALYS-6a	0	[8]	6
Ru-99(n,2nd)Tc-96g	TALYS-6a	0		22
Ru-99(n,2nd)Tc-96m	TALYS-6a	0		22
Ru-99(n,2n)Ru-98	TALYS-6a	0		48
Ru-99(n,3n)Ru-97	TALYS-6a	0		29
Ru-99(n,n'a)Mo-95	TALYS-6a	0	[8]	61
Ru-99(n,n'3a)Sr-87g	TALYS-6a	0		18
Ru-99(n,n'3a)Sr-87m	TALYS-6a	0		16

Reaction	Library	Flag	Ref	Value
Ru-99(n,2na)Mo-94	TALYS-6a	0	[8]	37
Ru-99(n,3na)Mo-93g	TALYS-6a	0	[4,8]	24
Ru-99(n,3na)Mo-93m	TALYS-6a	0	[4,7,8,8]	22
Ru-99(n,n'p)Tc-98	TALYS-6a	0	[8]	43
Ru-99(n,n'2a)Zr-91	TALYS-6a	0	[8]	36
Ru-99(n,2n2a)Zr-90g	TALYS-6a	0		26
Ru-99(n,2n2a)Zr-90m	TALYS-6a	0		24
Ru-99(n,n'd)Tc-97g	TALYS-6a	0		32
Ru-99(n,n'd)Tc-97m	TALYS-6a	0		32
Ru-99(n,n't)Tc-96g	TALYS-6a	0		28
Ru-99(n,n't)Tc-96m	TALYS-6a	0		28
Ru-99(n,n'h)Mo-96	TALYS-6a	0	[8]	29
Ru-99(n,n'd2a)Y-89g	TALYS-6a	0		16
Ru-99(n,n'd2a)Y-89m	TALYS-6a	0		15
Ru-99(n,n't2a)Y-88	TALYS-6a	0	[8]	12
Ru-99(n,4n)Ru-96	TALYS-6a	0		20
Ru-99(n,2np)Tc-97g	TALYS-6a	0		30
Ru-99(n,2np)Tc-97m	TALYS-6a	0		30
Ru-99(n,3np)Tc-96g	TALYS-6a	0		21
Ru-99(n,3np)Tc-96m	TALYS-6a	0		21
Ru-99(n,n'2p)Mo-97	TALYS-6a	0	[8]	30
Ru-99(n,n'pa)Nb-94g	TALYS-6a	0		31
Ru-99(n,n'pa)Nb-94m	TALYS-6a	0		31
Ru-99(n,g)Ru-100	JEF-2.2	4	[13]	8025
Ru-99(n,p)Tc-99g	TALYS-6a	0	[2]	100
Ru-99(n,p)Tc-99m	TALYS-5a	4	[3]	100
Ru-99(n,d)Tc-98	TALYS-6a	0	[8]	50
Ru-99(n,t)Tc-97g	TALYS-6a	0		45
Ru-99(n,t)Tc-97m	TALYS-6a	0		44
Ru-99(n,h)Mo-97	TALYS-6a	0	[8]	41
Ru-99(n,a)Mo-96	TALYS-6a	0	[9,2,3]	1580
Ru-99(n,2a)Zr-92	TALYS-6a	0		100
Ru-99(n,2p)Mo-98	TALYS-6a	0	[8]	45
Ru-99(n,pa)Nb-95g	TALYS-6a	0		50
Ru-99(n,pa)Nb-95m	TALYS-6a	0		48
Ru-99(n,t2a)Y-89g	TALYS-6a	0		21
Ru-99(n,t2a)Y-89m	TALYS-6a	0		20
Ru-99(n,pd)Mo-97	TALYS-6a	0	[8]	31
Ru-99(n,pt)Mo-96	TALYS-6a	0	[8]	30
Ru-99(n,da)Nb-94g	TALYS-6a	0		32
Ru-99(n,da)Nb-94m	TALYS-6a	0		32
Ru-99(n,5n)Ru-95	TALYS-6a	0		13
Ru-99(n,6n)Ru-94	TALYS-6a	0		9
Ru-99(n,2nt)Tc-95g	TALYS-6a	0		20
Ru-99(n,2nt)Tc-95m	TALYS-6a	0		20
Ru-99(n,ta)Nb-93g	TALYS-6a	0		31
Ru-99(n,ta)Nb-93m	TALYS-6a	0		31
Ru-99(n,4np)Tc-95g	TALYS-6a	0		15
Ru-99(n,4np)Tc-95m	TALYS-6a	0		15
Ru-99(n,3nd)Tc-95g	TALYS-6a	0		15
Ru-99(n,3nd)Tc-95m	TALYS-6a	0		15
Ru-99(n,n'da)Nb-93g	TALYS-6a	0		25
Ru-99(n,n'da)Nb-93m	TALYS-6a	0		24
Ru-99(n,2npa)Nb-93g	TALYS-6a	0		23
Ru-99(n,2npa)Nb-93m	TALYS-6a	0		23
Ru-99(n,5np)Tc-94g	TALYS-6a	0		10
Ru-99(n,5np)Tc-94m	TALYS-6a	0		10
Ru-99(n,6np)Tc-93g	TALYS-6a	0		5
Ru-99(n,6np)Tc-93m	TALYS-6a	0		5
Ru-99(n,4na)Mo-92	TALYS-6a	0	[8]	16
Ru-99(n,5na)Mo-91g	TALYS-6a	0		10
Ru-99(n,5na)Mo-91m	TALYS-6a	0		9
Ru-99(n,4nd)Tc-94g	TALYS-6a	0		11
Ru-99(n,4nd)Tc-94m	TALYS-6a	0		11
Ru-99(n,5nd)Tc-93g	TALYS-6a	0		6
Ru-99(n,5nd)Tc-93m	TALYS-6a	0		6
Ru-99(n,3nt)Tc-94g	TALYS-6a	0		13
Ru-99(n,3nt)Tc-94m	TALYS-6a	0		13
Ru-99(n,4nt)Tc-93g	TALYS-6a	0		9
Ru-99(n,4nt)Tc-93m	TALYS-6a	0		9
Ru-99(n,2nh)Mo-95	TALYS-6a	0	[8]	21
Ru-99(n,3nh)Mo-94	TALYS-6a	0	[8]	15
Ru-99(n,4nh)Mo-93g	TALYS-6a	0	[4,8]	10
Ru-99(n,4nh)Mo-93m	TALYS-6a	0	[4,7,8,8]	8
Ru-99(n,3n2p)Mo-95	TALYS-6a	0	[8]	15
Ru-99(n,3n2a)Zr-89g	TALYS-6a	0		15
Ru-99(n,3n2a)Zr-89m	TALYS-6a	0		14
Ru-99(n,3npa)Nb-92g	TALYS-6a	0		15
Ru-99(n,3npa)Nb-92m	TALYS-6a	0		15
Ru-99(n,dt)Mo-95	TALYS-6a	0	[8]	22
Ru-99(n,n'pd)Mo-96	TALYS-6a	0	[8]	24
Ru-99(n,n'pt)Mo-95	TALYS-6a	0	[8]	21
Ru-99(n,n'dt)Mo-94	TALYS-6a	0	[8]	15
Ru-99(n,n'ph)Nb-95g	TALYS-6a	0		17
Ru-99(n,n'ph)Nb-95m	TALYS-6a	0		16
Ru-99(n,n'dh)Nb-94g	TALYS-6a	0		13
Ru-99(n,n'dh)Nb-94m	TALYS-6a	0		13
Ru-99(n,n'th)Nb-93g	TALYS-6a	0		12
Ru-99(n,n'th)Nb-93m	TALYS-6a	0		12
Ru-99(n,n'ta)Nb-92g	TALYS-6a	0		22
Ru-99(n,n'ta)Nb-92m	TALYS-6a	0		21
Ru-99(n,2n2p)Mo-96	TALYS-6a	0	[8]	23
Ru-99(n,ph)Nb-96	TALYS-6a	0	[8]	24
Ru-99(n,ha)Zr-93	TALYS-6a	0	[8]	28
Ru-99(n,4n2p)Mo-94	TALYS-6a	0	[8]	11
Ru-99(n,4n2a)Zr-88	TALYS-6a	0	[8]	10
Ru-99(n,4npa)Nb-91g	TALYS-6a	0		11
Ru-99(n,4npa)Nb-91m	TALYS-6a	0		11
Ru-99(n,3p)Nb-97g	TALYS-6a	0		25
Ru-99(n,3p)Nb-97m	TALYS-6a	0		23
Ru-99(n,n'3p)Nb-96	TALYS-6a	0	[8]	16
Ru-99(n,3n2pa)Zr-91	TALYS-6a	0	[8]	11
Ru-99(n,5n2p)Mo-93g	TALYS-6a	0	[4,8]	6
Ru-99(n,5n2p)Mo-93m	TALYS-6a	0	[4,7,8,8]	4
Ru-100(n,2nd)Tc-97g	TALYS-6a	0		22
Ru-100(n,2nd)Tc-97m	TALYS-6a	0		22
Ru-100(n,2n)Ru-99	TALYS-6a	0		42
Ru-100(n,3n)Ru-98	TALYS-6a	0		29
Ru-100(n,n'a)Mo-96	TALYS-6a	0	[8]	58
Ru-100(n,n'3a)Sr-88	TALYS-6a	0	[8]	21
Ru-100(n,2na)Mo-95	TALYS-6a	0	[8]	32
Ru-100(n,3na)Mo-94	TALYS-6a	0	[8]	24
Ru-100(n,n'p)Tc-99g	TALYS-6a	0		42
Ru-100(n,n'p)Tc-99m	TALYS-6a	0		42
Ru-100(n,n'2a)Zr-92	TALYS-6a	0	[8]	34
Ru-100(n,2n2a)Zr-91	TALYS-6a	0	[8]	24
Ru-100(n,n'd)Tc-98	TALYS-6a	0	[8]	29
Ru-100(n,n't)Tc-97g	TALYS-6a	0		28
Ru-100(n,n't)Tc-97m	TALYS-6a	0		28
Ru-100(n,n'h)Mo-97	TALYS-6a	0	[8]	26
Ru-100(n,n'd2a)Y-90g	TALYS-6a	0		14
Ru-100(n,n'd2a)Y-90m	TALYS-6a	0		14
Ru-100(n,n't2a)Y-89g	TALYS-6a	0		14
Ru-100(n,n't2a)Y-89m	TALYS-6a	0		13
Ru-100(n,4n)Ru-97	TALYS-6a	0		19
Ru-100(n,2np)Tc-98	TALYS-6a	0		28
Ru-100(n,3np)Tc-97g	TALYS-6a	0		20
Ru-100(n,3np)Tc-97m	TALYS-6a	0		20
Ru-100(n,n'2p)Mo-98	TALYS-6a	0	[8]	28
Ru-100(n,n'pa)Nb-95g	TALYS-6a	0		29
Ru-100(n,n'pa)Nb-95m	TALYS-6a	0		29
>Ru-100(n,g)Ru-101	ENDF/B-VII	4	[13]	15521
Ru-100(n,p)Tc-100	TALYS-6	6	[3,8]	71
Ru-100(n,d)Tc-99g	TALYS-6a	0		46
Ru-100(n,d)Tc-99m	TALYS-6a	0		45
Ru-100(n,t)Tc-98	TALYS-6a	0	[8]	40
Ru-100(n,h)Mo-98	TALYS-6a	0	[8]	39
Ru-100(n,a)Mo-97	TALYS-6a	0	[2]	100
Ru-100(n,2a)Zr-93	TALYS-6a	0		100
Ru-100(n,2p)Mo-99	TALYS-6a	0	[8]	37
Ru-100(n,pa)Nb-96	TALYS-6a	0	[8]	41
Ru-100(n,pd)Mo-98	TALYS-6a	0	[8]	30
Ru-100(n,pt)Mo-97	TALYS-6a	0	[8]	27
Ru-100(n,da)Nb-95g	TALYS-6a	0		31
Ru-100(n,da)Nb-95m	TALYS-6a	0		30
Ru-100(n,5n)Ru-96	TALYS-6a	0		14
Ru-100(n,6n)Ru-95	TALYS-6a	0		8
Ru-100(n,2nt)Tc-96g	TALYS-6a	0		18
Ru-100(n,2nt)Tc-96m	TALYS-6a	0		18
Ru-100(n,ta)Nb-94g	TALYS-6a	0		28
Ru-100(n,ta)Nb-94m	TALYS-6a	0		28
Ru-100(n,4np)Tc-96g	TALYS-6a	0		14
Ru-100(n,4np)Tc-96m	TALYS-6a	0		14
Ru-100(n,3nd)Tc-96g	TALYS-6a	0		15
Ru-100(n,3nd)Tc-96m	TALYS-6a	0		15
Ru-100(n,n'da)Nb-94g	TALYS-6a	0		22
Ru-100(n,n'da)Nb-94m	TALYS-6a	0		22
Ru-100(n,2npa)Nb-94g	TALYS-6a	0		21
Ru-100(n,2npa)Nb-94m	TALYS-6a	0		20
Ru-100(n,7n)Ru-94	TALYS-6a	0		4
Ru-100(n,5np)Tc-95g	TALYS-6a	0		10
Ru-100(n,5np)Tc-95m	TALYS-6a	0		10
Ru-100(n,6np)Tc-94g	TALYS-6a	0		5
Ru-100(n,6np)Tc-94m	TALYS-6a	0		5
Ru-100(n,4na)Mo-93g	TALYS-6a	0	[4,8]	15
Ru-100(n,4na)Mo-93m	TALYS-6a	0	[4,7,8,8]	14
Ru-100(n,5na)Mo-92	TALYS-6a	0	[8]	11
Ru-100(n,4nd)Tc-95g	TALYS-6a	0		11
Ru-100(n,4nd)Tc-95m	TALYS-6a	0		11
Ru-100(n,5nd)Tc-94g	TALYS-6a	0		6
Ru-100(n,5nd)Tc-94m	TALYS-6a	0		6
Ru-100(n,3nt)Tc-95g	TALYS-6a	0		13
Ru-100(n,3nt)Tc-95m	TALYS-6a	0		13
Ru-100(n,4nt)Tc-94g	TALYS-6a	0		8
Ru-100(n,4nt)Tc-94m	TALYS-6a	0		8
Ru-100(n,5nt)Tc-93g	TALYS-6a	0		4
Ru-100(n,5nt)Tc-93m	TALYS-6a	0		4
Ru-100(n,2nh)Mo-96	TALYS-6a	0	[8]	20
Ru-100(n,3nh)Mo-95	TALYS-6a	0	[8]	14
Ru-100(n,4nh)Mo-94	TALYS-6a	0	[8]	10
Ru-100(n,3n2p)Mo-96	TALYS-6a	0	[8]	15
Ru-100(n,3n2a)Zr-90g	TALYS-6a	0		16
Ru-100(n,3n2a)Zr-90m	TALYS-6a	0		15
Ru-100(n,3npa)Nb-93g	TALYS-6a	0		15
Ru-100(n,3npa)Nb-93m	TALYS-6a	0		15
Ru-100(n,dt)Mo-96	TALYS-6a	0	[8]	21
Ru-100(n,n'pd)Mo-97	TALYS-6a	0	[8]	21
Ru-100(n,n'pt)Mo-96	TALYS-6a	0	[8]	20
Ru-100(n,n'dt)Mo-95	TALYS-6a	0	[8]	14
Ru-100(n,n'ph)Nb-96	TALYS-6a	0	[8]	15
Ru-100(n,n'dh)Nb-95g	TALYS-6a	0		12
Ru-100(n,n'dh)Nb-95m	TALYS-6a	0		12
Ru-100(n,n'ta)Nb-93g	TALYS-6a	0		21
Ru-100(n,n'ta)Nb-93m	TALYS-6a	0		20
Ru-100(n,2n2p)Mo-97	TALYS-6a	0	[8]	20
Ru-100(n,ph)Nb-97g	TALYS-6a	0		22
Ru-100(n,ph)Nb-97m	TALYS-6a	0		21
Ru-100(n,4n2p)Mo-95	TALYS-6a	0	[8]	10
Ru-100(n,4n2a)Zr-89g	TALYS-6a	0		10
Ru-100(n,4n2a)Zr-89m	TALYS-6a	0		9
Ru-100(n,4npa)Nb-92g	TALYS-6a	0		10
Ru-100(n,4npa)Nb-92m	TALYS-6a	0		10
Ru-100(n,n'3p)Nb-97g	TALYS-6a	0		15
Ru-100(n,n'3p)Nb-97m	TALYS-6a	0		15
Ru-100(n,3n2pa)Zr-92	TALYS-6a	0	[8]	10
Ru-100(n,5n2p)Mo-94	TALYS-6a	0	[8]	6
Ru-101(n,2nd)Tc-98	TALYS-6a	0	[8]	23
Ru-101(n,2n)Ru-100	TALYS-6a	0		51
Ru-101(n,3n)Ru-99	TALYS-6a	0		30
Ru-101(n,n'a)Mo-97	TALYS-6a	0	[8]	58
Ru-101(n,n'3a)Sr-89	TALYS-6a	0	[8]	19
Ru-101(n,2na)Mo-96	TALYS-6a	0	[8]	37
Ru-101(n,3na)Mo-95	TALYS-6a	0	[8]	25
Ru-101(n,n'p)Tc-100	TALYS-6a	0	[8]	42
Ru-101(n,n'2a)Zr-93	TALYS-6a	0	[8]	33
Ru-101(n,2n2a)Zr-92	TALYS-6a	0	[8]	25
Ru-101(n,n'd)Tc-99g	TALYS-6a	0		32

Ru-101(n,n'd)Tc-99m	TALYS-6a	0		31	Ru-102(n,d)Tc-101	TALYS-6a	0 [8]	44
Ru-101(n,n't)Tc-98	TALYS-6a	0 [8]	29	Ru-102(n,t)Tc-100	TALYS-6a	0 [8]	39
Ru-101(n,n'h)Mo-98	TALYS-6a	0 [8]	28	Ru-102(n,h)Mo-100	TALYS-6a	0 [8]	35
Ru-101(n,n'd2a)Y-91g	TALYS-6a	0	14	Ru-102(n,a)Mo-99	TALYS-5	4 [3]	100
Ru-101(n,n'd2a)Y-91m	TALYS-6a	0	14	Ru-102(n,2a)Zr-95	TALYS-6a	0 [8]	45
Ru-101(n,4n)Ru-98	TALYS-6a	0	22	Ru-102(n,2p)Mo-101	TALYS-6a	0 [8]	31
Ru-101(n,2np)Tc-99g	TALYS-6a	0	30	Ru-102(n,pa)Nb-98g	TALYS-6a	0	35
Ru-101(n,2np)Tc-99m	TALYS-6a	0	30	Ru-102(n,pa)Nb-98m	TALYS-6a	0	35
Ru-101(n,3np)Tc-98	TALYS-6a	0	21	Ru-102(n,pd)Mo-100	TALYS-6a	0 [8]	28
Ru-101(n,n'2p)Mo-99	TALYS-6a	0 [8]	27	Ru-102(n,pt)Mo-99	TALYS-6a	0 [8]	25
Ru-101(n,n'pa)Nb-96	TALYS-6a	0 [8]	29	Ru-102(n,da)Nb-97g	TALYS-6a	0	30
Ru-101(n,g)Ru-102	JEF-2.2	4 [13]	8559	Ru-102(n,da)Nb-97m	TALYS-6a	0	29
Ru-101(n,p)Tc-101	JEF-2.2	4 [13,3,7,8]	42	Ru-102(n,5n)Ru-98	TALYS-6a	0	15
Ru-101(n,d)Tc-100	TALYS-6a	0 [8]	45	Ru-102(n,6n)Ru-97	TALYS-6a	0	10
Ru-101(n,t)Tc-99g	TALYS-6a	0	44	Ru-102(n,2nt)Tc-98	TALYS-6a	0 [8]	19
Ru-101(n,t)Tc-99m	TALYS-6a	0	44	Ru-102(n,ta)Nb-96	TALYS-6a	0 [8]	27
Ru-101(n,h)Mo-99	TALYS-6a	0 [8]	37	Ru-102(n,3nd)Tc-98	TALYS-6a	0	15
Ru-101(n,a)Mo-98	TALYS-5	2 [9,2,3]	8568	Ru-102(n,n'da)Nb-96	TALYS-6a	0 [8]	21
Ru-101(n,2a)Zr-94	TALYS-6a	0	100	Ru-102(n,2npa)Nb-96	TALYS-6a	0 [8]	20
Ru-101(n,2p)Mo-100	TALYS-6a	0 [8]	40	Ru-102(n,7n)Ru-96	TALYS-6a	0	6
Ru-101(n,pa)Nb-97g	TALYS-6a	0	44	Ru-102(n,5np)Tc-97g	TALYS-6a	0	10
Ru-101(n,pa)Nb-97m	TALYS-6a	0	42	Ru-102(n,5np)Tc-97m	TALYS-6a	0	10
Ru-101(n,pd)Mo-99	TALYS-6a	0 [8]	29	Ru-102(n,6np)Tc-96g	TALYS-6a	0	6
Ru-101(n,pt)Mo-98	TALYS-6a	0 [8]	29	Ru-102(n,6np)Tc-96m	TALYS-6a	0	6
Ru-101(n,da)Nb-96	TALYS-6a	0 [8]	31	Ru-102(n,4na)Mo-95	TALYS-6a	0 [8]	16
Ru-101(n,5n)Ru-97	TALYS-6a	0	14	Ru-102(n,5na)Mo-94	TALYS-6a	0 [8]	12
Ru-101(n,6n)Ru-96	TALYS-6a	0	10	Ru-102(n,6na)Mo-93g	TALYS-6a	0 [4,8]	7
Ru-101(n,2nt)Tc-97g	TALYS-6a	0	21	Ru-102(n,6na)Mo-93m	TALYS-6a	0 [4,7,8,8]	6
Ru-101(n,2nt)Tc-97m	TALYS-6a	0	21	Ru-102(n,4nd)Tc-97g	TALYS-6a	0	11
Ru-101(n,ta)Nb-95g	TALYS-6a	0	30	Ru-102(n,4nd)Tc-97m	TALYS-6a	0	11
Ru-101(n,ta)Nb-95m	TALYS-6a	0	29	Ru-102(n,5nd)Tc-96g	TALYS-6a	0	7
Ru-101(n,4np)Tc-97g	TALYS-6a	0	15	Ru-102(n,5nd)Tc-96m	TALYS-6a	0	7
Ru-101(n,4np)Tc-97m	TALYS-6a	0	15	Ru-102(n,3nt)Tc-97g	TALYS-6a	0	14
Ru-101(n,3nd)Tc-97g	TALYS-6a	0	16	Ru-102(n,3nt)Tc-97m	TALYS-6a	0	14
Ru-101(n,3nd)Tc-97m	TALYS-6a	0	16	Ru-102(n,4nt)Tc-96g	TALYS-6a	0	9
Ru-101(n,n'da)Nb-95g	TALYS-6a	0	24	Ru-102(n,4nt)Tc-96m	TALYS-6a	0	9
Ru-101(n,n'da)Nb-95m	TALYS-6a	0	23	Ru-102(n,5nt)Tc-95g	TALYS-6a	0	5
Ru-101(n,2npa)Nb-95g	TALYS-6a	0	22	Ru-102(n,5nt)Tc-95m	TALYS-6a	0	5
Ru-101(n,2npa)Nb-95m	TALYS-6a	0	22	Ru-102(n,2nh)Mo-98	TALYS-6a	0 [8]	19
Ru-101(n,7n)Ru-95	TALYS-6a	0	5	Ru-102(n,3nh)Mo-97	TALYS-6a	0 [8]	14
Ru-101(n,5np)Tc-96g	TALYS-6a	0	10	Ru-102(n,4nh)Mo-96	TALYS-6a	0 [8]	10
Ru-101(n,5np)Tc-96m	TALYS-6a	0	10	Ru-102(n,3n2p)Mo-98	TALYS-6a	0 [8]	14
Ru-101(n,6np)Tc-95g	TALYS-6a	0	6	Ru-102(n,3n2a)Zr-92	TALYS-6a	0 [8]	16
Ru-101(n,6np)Tc-95m	TALYS-6a	0	6	Ru-102(n,3npa)Nb-95g	TALYS-6a	0	14
Ru-101(n,4na)Mo-94	TALYS-6a	0 [8]	17	Ru-102(n,3npa)Nb-95m	TALYS-6a	0	14
Ru-101(n,5na)Mo-93g	TALYS-6a	0 [4,8]	12	Ru-102(n,n'pd)Mo-99	TALYS-6a	0 [8]	19
Ru-101(n,5na)Mo-93m	TALYS-6a	0 [4,7,8,8]	10	Ru-102(n,n'pt)Mo-98	TALYS-6a	0 [8]	20
Ru-101(n,6na)Mo-92	TALYS-6a	0 [8]	8	Ru-102(n,n'dt)Mo-97	TALYS-6a	0 [8]	14
Ru-101(n,4nd)Tc-96g	TALYS-6a	0	11	Ru-102(n,n'ph)Nb-98g	TALYS-6a	0	14
Ru-101(n,4nd)Tc-96m	TALYS-6a	0	11	Ru-102(n,n'ph)Nb-98m	TALYS-6a	0	14
Ru-101(n,5nd)Tc-95g	TALYS-6a	0	7	Ru-102(n,n'ta)Nb-95g	TALYS-6a	0	20
Ru-101(n,5nd)Tc-95m	TALYS-6a	0	7	Ru-102(n,n'ta)Nb-95m	TALYS-6a	0	20
Ru-101(n,3nt)Tc-96g	TALYS-6a	0	14	Ru-102(n,2n2p)Mo-99	TALYS-6a	0 [8]	18
Ru-101(n,3nt)Tc-96m	TALYS-6a	0	14	Ru-102(n,4n2p)Mo-97	TALYS-6a	0 [8]	10
Ru-101(n,4nt)Tc-95g	TALYS-6a	0	10	Ru-102(n,4n2a)Zr-91	TALYS-6a	0 [8]	12
Ru-101(n,4nt)Tc-95m	TALYS-6a	0	10	Ru-102(n,4npa)Nb-94g	TALYS-6a	0	10
Ru-101(n,5nt)Tc-94g	TALYS-6a	0	5	Ru-102(n,4npa)Nb-94m	TALYS-6a	0	10
Ru-101(n,5nt)Tc-94m	TALYS-6a	0	5	Ru-102(n,5n2p)Mo-96	TALYS-6a	0 [8]	6
Ru-101(n,2nh)Mo-97	TALYS-6a	0 [8]	20	Ru-103(n,2nd)Tc-100	TALYS-6a	0 [8]	23
Ru-101(n,3nh)Mo-96	TALYS-6a	0 [8]	15	Ru-103(n,2n)Ru-102	TALYS-6	2 [2]	54
Ru-101(n,4nh)Mo-95	TALYS-6a	0 [8]	10	Ru-103(n,3n)Ru-101	TALYS-6a	0	31
Ru-101(n,3n2p)Mo-97	TALYS-6a	0 [8]	15	Ru-103(n,n'a)Mo-99	TALYS-6a	0 [8]	53
Ru-101(n,3n2a)Zr-91	TALYS-6a	0 [8]	16	Ru-103(n,2na)Mo-98	TALYS-6a	0 [8]	37
Ru-101(n,3npa)Nb-94g	TALYS-6a	0	15	Ru-103(n,3na)Mo-97	TALYS-6a	0 [8]	25
Ru-101(n,3npa)Nb-94m	TALYS-6a	0	15	Ru-103(n,n'p)Tc-102g	TALYS-6a	0 [4,8]	40
Ru-101(n,dt)Mo-97	TALYS-6a	0 [8]	21	Ru-103(n,n'p)Tc-102m	TALYS-6a	0 [4,7,8,8]	39
Ru-101(n,n'pd)Mo-98	TALYS-6a	0 [8]	23	Ru-103(n,n'2a)Zr-95	TALYS-6a	0 [8]	31
Ru-101(n,n'pt)Mo-97	TALYS-6a	0 [8]	20	Ru-103(n,2n2a)Zr-94	TALYS-6a	0 [8]	24
Ru-101(n,n'dt)Mo-96	TALYS-6a	0 [8]	15	Ru-103(n,n'd)Tc-101	TALYS-6a	0 [8]	31
Ru-101(n,n'ph)Nb-97g	TALYS-6a	0	16	Ru-103(n,n't)Tc-100	TALYS-6a	0 [8]	29
Ru-101(n,n'ph)Nb-97m	TALYS-6a	0	15	Ru-103(n,n'h)Mo-100	TALYS-6a	0 [8]	27
Ru-101(n,n'dh)Nb-96	TALYS-6a	0 [8]	12	Ru-103(n,4n)Ru-100	TALYS-6a	0	24
Ru-101(n,n'ta)Nb-94g	TALYS-6a	0	21	Ru-103(n,2np)Tc-101	TALYS-6a	0	30
Ru-101(n,n'ta)Nb-94m	TALYS-6a	0	21	Ru-103(n,3np)Tc-100	TALYS-6a	0 [8]	21
Ru-101(n,2n2p)Mo-98	TALYS-6a	0 [8]	21	Ru-103(n,n'2p)Mo-101	TALYS-6a	0 [8]	25
Ru-101(n,4n2p)Mo-96	TALYS-6a	0 [8]	11	Ru-103(n,n'pa)Nb-98g	TALYS-6a	0	27
Ru-101(n,4n2a)Zr-90g	TALYS-6a	0	13	Ru-103(n,n'pa)Nb-98m	TALYS-6a	0	27
Ru-101(n,4n2a)Zr-90m	TALYS-6a	0	11	>Ru-103(n,g)Ru-104	ENDF/B-VII	4 [13]	3114
Ru-101(n,4npa)Nb-93g	TALYS-6a	0	11	Ru-103(n,p)Tc-103	TALYS-6a	0 [2,8]	73
Ru-101(n,4npa)Nb-93m	TALYS-6a	0	11	Ru-103(n,d)Tc-102g	TALYS-6a	0 [4,8]	44
Ru-101(n,n'3p)Nb-98g	TALYS-6a	0	15	Ru-103(n,d)Tc-102m	TALYS-6a	0 [4,7,8,8]	43
Ru-101(n,n'3p)Nb-98m	TALYS-6a	0	15	Ru-103(n,t)Tc-101	TALYS-6a	0 [8]	43
Ru-101(n,3n2pa)Zr-93	TALYS-6a	0 [8]	10	Ru-103(n,h)Mo-101	TALYS-6a	0 [8]	33
Ru-101(n,5n2pa)Mo-95	TALYS-6a	0 [8]	7	Ru-103(n,a)Mo-100	TALYS-6a	0 [2]	100
Ru-102(n,2nd)Tc-99g	TALYS-6a	0	22	Ru-103(n,2a)Zr-96	TALYS-6a	0	100
Ru-102(n,2nd)Tc-99m	TALYS-6a	0	22	Ru-103(n,2p)Mo-102	TALYS-6a	0 [8]	35
Ru-102(n,2n)Ru-101	TALYS-6a	0	43	Ru-103(n,pa)Nb-99g	TALYS-6a	0	37
Ru-102(n,3n)Ru-100	TALYS-6a	0	30	Ru-103(n,pa)Nb-99m	TALYS-6a	0	35
Ru-102(n,n'a)Mo-98	TALYS-6a	0 [8]	55	Ru-103(n,pd)Mo-101	TALYS-6a	0 [8]	27
Ru-102(n,2na)Mo-97	TALYS-6a	0 [8]	32	Ru-103(n,pt)Mo-100	TALYS-6a	0 [8]	28
Ru-102(n,3na)Mo-96	TALYS-6a	0 [8]	25	Ru-103(n,da)Nb-98g	TALYS-6a	0	28
Ru-102(n,n'p)Tc-101	TALYS-6a	0 [8]	40	Ru-103(n,da)Nb-98m	TALYS-6a	0	28
Ru-102(n,n'2a)Zr-94	TALYS-6a	0 [8]	31	Ru-103(n,5n)Ru-99	TALYS-6a	0	15
Ru-102(n,2n2a)Zr-93	TALYS-6a	0 [8]	23	Ru-103(n,6n)Ru-98	TALYS-6a	0	12
Ru-102(n,n'd)Tc-100	TALYS-6a	0 [8]	29	Ru-103(n,2nt)Tc-99g	TALYS-6a	0	22
Ru-102(n,n't)Tc-99g	TALYS-6a	0	28	Ru-103(n,2nt)Tc-99m	TALYS-6a	0	22
Ru-102(n,n't)Tc-99m	TALYS-6a	0	28	Ru-103(n,ta)Nb-97g	TALYS-6a	0	29
Ru-102(n,n'h)Mo-99	TALYS-6a	0 [8]	25	Ru-103(n,ta)Nb-97m	TALYS-6a	0	28
Ru-102(n,4n)Ru-99	TALYS-6a	0	21	Ru-103(n,4np)Tc-99g	TALYS-6a	0	15
Ru-102(n,2np)Tc-100	TALYS-6a	0 [8]	27	Ru-103(n,4np)Tc-99m	TALYS-6a	0	15
Ru-102(n,3np)Tc-99g	TALYS-6a	0	21	Ru-103(n,3nd)Tc-99g	TALYS-6a	0	16
Ru-102(n,3np)Tc-99m	TALYS-6a	0	20	Ru-103(n,3nd)Tc-99m	TALYS-6a	0	16
Ru-102(n,n'2p)Mo-100	TALYS-6a	0 [8]	26	Ru-103(n,n'da)Nb-97g	TALYS-6a	0	23
Ru-102(n,n'pa)Nb-97g	TALYS-6a	0	28	Ru-103(n,n'da)Nb-97m	TALYS-6a	0	22
Ru-102(n,n'pa)Nb-97m	TALYS-6a	0	27	Ru-103(n,2npa)Nb-97g	TALYS-6a	0	21
>Ru-102(n,g)Ru-103	ENDF/B-VII	4 [13]	21534	Ru-103(n,2npa)Nb-97m	TALYS-6a	0	20
Ru-102(n,p)Tc-102g	TALYS-6a	0 [4,2,8]	64	Ru-103(n,7n)Ru-97	TALYS-6a	0	6
Ru-102(n,p)Tc-102m	JENDL-3.2	6 [13,4,7,8,3]	354	Ru-103(n,5np)Tc-98	TALYS-6a	0	11

Ru-103(n,6np)Tc-97g	TALYS-6a	0		7	Ru-105(n,2n)Ru-104	TALYS-6a	0	56
Ru-103(n,6np)Tc-97m	TALYS-6a	0		7	Ru-105(n,3n)Ru-103	TALYS-6a	0	32
Ru-103(n,4na)Mo-96	TALYS-6a	0 [8]		18	Ru-105(n,n'a)Mo-101	TALYS-6a	0 [8]	47
Ru-103(n,5na)Mo-95	TALYS-6a	0 [8]		13	Ru-105(n,2na)Mo-100	TALYS-6a	0 [8]	35
Ru-103(n,6na)Mo-94	TALYS-6a	0 [8]		9	Ru-105(n,3na)Mo-99	TALYS-6a	0 [8]	25
Ru-103(n,4nd)Tc-98	TALYS-6a	0		12	Ru-105(n,n'p)Tc-104	TALYS-6a	0 [8]	39
Ru-103(n,5nd)Tc-97g	TALYS-6a	0		8	Ru-105(n,n'2a)Zr-97	TALYS-6a	0 [8]	29
Ru-103(n,5nd)Tc-97m	TALYS-6a	0		8	Ru-105(n,2n2a)Zr-96	TALYS-6a	0 [8]	24
Ru-103(n,3nt)Tc-98	TALYS-6a	0		15	Ru-105(n,n'd)Tc-103	TALYS-6a	0 [8]	31
Ru-103(n,4nt)Tc-97g	TALYS-6a	0		11	Ru-105(n,n't)Tc-102g	TALYS-6a	0 [4,8]	29
Ru-103(n,4nt)Tc-97m	TALYS-6a	0		11	Ru-105(n,n't)Tc-102m	TALYS-6a	0 [4,7,8,8]	28
Ru-103(n,5nt)Tc-96g	TALYS-6a	0		6	Ru-105(n,n'h)Mo-102	TALYS-6a	0 [8]	26
Ru-103(n,5nt)Tc-96m	TALYS-6a	0		6	Ru-105(n,4n)Ru-102	TALYS-6a	0	25
Ru-103(n,2nh)Mo-99	TALYS-6a	0 [8]		19	Ru-105(n,2np)Tc-103	TALYS-6a	0 [8]	29
Ru-103(n,3nh)Mo-98	TALYS-6a	0 [8]		15	Ru-105(n,3np)Tc-102g	TALYS-6a	0 [4]	21
Ru-103(n,4nh)Mo-97	TALYS-6a	0 [8]		11	Ru-105(n,3np)Tc-102m	TALYS-6a	0 [4,7,8]	21
Ru-103(n,3n2p)Mo-99	TALYS-6a	0 [8]		14	Ru-105(n,n'2p)Mo-103	TALYS-6a	0 [8]	23
Ru-103(n,3n2a)Zr-93	TALYS-6a	0 [8]		16	Ru-105(n,n'pa)Nb-100g	TALYS-6a	0	24
Ru-103(n,3npa)Nb-96	TALYS-6a	0 [8]		15	Ru-105(n,n'pa)Nb-100m	TALYS-6a	0	23
Ru-103(n,n'pd)Mo-100	TALYS-6a	0 [8]		21	Ru-105(n,g)Ru-106	JEF-2.2	2 [13]	457
Ru-103(n,n'pt)Mo-99	TALYS-6a	0 [8]		19	Ru-105(n,p)Tc-105	TALYS-6a	0 [2,8]	68
Ru-103(n,n'dt)Mo-98	TALYS-6a	0 [8]		15	Ru-105(n,d)Tc-104	TALYS-6a	0 [8]	42
Ru-103(n,n'ph)Nb-99g	TALYS-6a	0		14	Ru-105(n,t)Tc-103	TALYS-6a	0 [8]	42
Ru-103(n,n'ph)Nb-99m	TALYS-6a	0		14	Ru-105(n,h)Mo-103	TALYS-6a	0 [8]	31
Ru-103(n,n'ta)Nb-96	TALYS-6a	0 [8]		21	Ru-105(n,a)Mo-102	TALYS-6a	0 [2]	100
Ru-103(n,2n2p)Mo-100	TALYS-6a	0 [8]		20	Ru-105(n,2p)Mo-104	TALYS-6a	0 [8]	31
Ru-103(n,4n2p)Mo-98	TALYS-6a	0 [8]		11	Ru-105(n,pa)Nb-101	TALYS-6a	0 [8]	32
Ru-103(n,4n2a)Zr-92	TALYS-6a	0 [8]		13	Ru-105(n,pd)Mo-103	TALYS-6a	0 [8]	25
Ru-103(n,4npa)Nb-95g	TALYS-6a	0		11	Ru-105(n,5n)Ru-101	TALYS-6a	0	16
Ru-103(n,4npa)Nb-95m	TALYS-6a	0		11	Ru-105(n,6n)Ru-100	TALYS-6a	0	13
Ru-103(n,5n2p)Mo-97	TALYS-6a	0 [8]		7	Ru-105(n,2nt)Tc-101	TALYS-6a	0 [8]	22
Ru-104(n,2nd)Tc-101	TALYS-6a	0 [8]		22	Ru-105(n,4np)Tc-101	TALYS-6a	0	16
Ru-104(n,2n)Ru-103	ADL-3	4 [13]		45	Ru-105(n,3nd)Tc-101	TALYS-6a	0	17
Ru-104(n,3n)Ru-102	TALYS-6a	0		31	Ru-105(n,n'da)Nb-99g	TALYS-6a	0	20
Ru-104(n,n'a)Mo-100	TALYS-6a	0 [8]		50	Ru-105(n,n'da)Nb-99m	TALYS-6a	0	19
Ru-104(n,2na)Mo-99	TALYS-6a	0 [8]		31	Ru-105(n,2npa)Nb-99g	TALYS-6a	0	19
Ru-104(n,3na)Mo-98	TALYS-6a	0 [8]		25	Ru-105(n,2npa)Nb-99m	TALYS-6a	0	18
Ru-104(n,n'p)Tc-103	TALYS-6a	0 [8]		38	Ru-105(n,7n)Ru-99	TALYS-6a	0	8
Ru-104(n,n'2a)Zr-96	TALYS-6a	0 [8]		30	Ru-105(n,8n)Ru-98	TALYS-6a	0	4
Ru-104(n,2n2a)Zr-95	TALYS-6a	0 [8]		22	Ru-105(n,5np)Tc-100	TALYS-6a	0 [8]	11
Ru-104(n,n'd)Tc-102g	TALYS-6a	0 [4,8]		29	Ru-105(n,6np)Tc-99g	TALYS-6a	0	8
Ru-104(n,n'd)Tc-102m	TALYS-6a	0 [4,7,8,8]		29	Ru-105(n,6np)Tc-99m	TALYS-6a	0	8
Ru-104(n,n't)Tc-101	TALYS-6a	0 [8]		28	Ru-105(n,4na)Mo-98	TALYS-6a	0 [8]	19
Ru-104(n,n'h)Mo-101	TALYS-6a	0 [8]		23	Ru-105(n,5na)Mo-97	TALYS-6a	0 [8]	13
Ru-104(n,4n)Ru-101	TALYS-6a	0		22	Ru-105(n,6na)Mo-96	TALYS-6a	0 [8]	10
Ru-104(n,2np)Tc-102g	TALYS-6a	0 [4]		27	Ru-105(n,4nd)Tc-100	TALYS-6a	0 [8]	12
Ru-104(n,2np)Tc-102m	TALYS-6a	0 [4,7,8]		27	Ru-105(n,5nd)Tc-99g	TALYS-6a	0	9
Ru-104(n,3np)Tc-101	TALYS-6a	0 [8]		20	Ru-105(n,5nd)Tc-99m	TALYS-6a	0	9
Ru-104(n,n'2p)Mo-102	TALYS-6a	0 [8]		24	Ru-105(n,6nd)Tc-98	TALYS-6a	0	5
Ru-104(n,n'pa)Nb-99g	TALYS-6a	0		25	Ru-105(n,3nt)Tc-100	TALYS-6a	0 [8]	15
Ru-104(n,n'pa)Nb-99m	TALYS-6a	0		24	Ru-105(n,4nt)Tc-99g	TALYS-6a	0	12
>Ru-104(n,g)Ru-105	ENDF/B-VII	4 [13]			Ru-105(n,4nt)Tc-99m	TALYS-6a	0	12
18450					Ru-105(n,5nt)Tc-98	TALYS-6a	0 [8]	7
Ru-104(n,p)Tc-104	JENDL-3.2	4 [13]		343	Ru-105(n,2nh)Mo-101	TALYS-6a	0 [8]	18
Ru-104(n,d)Tc-103	TALYS-6a	0 [8]		42	Ru-105(n,3nh)Mo-100	TALYS-6a	0 [8]	14
Ru-104(n,t)Tc-102g	TALYS-6a	0 [4,8]		38	Ru-105(n,4nh)Mo-99	TALYS-6a	0 [8]	10
Ru-104(n,t)Tc-102m	TALYS-6a	0 [4,7,8,8]		38	Ru-105(n,3n2p)Mo-101	TALYS-6a	0 [8]	13
Ru-104(n,h)Mo-102	TALYS-6a	0 [8]		32	Ru-105(n,3n2a)Zr-95	TALYS-6a	0 [8]	16
Ru-104(n,a)Mo-101	TALYS-5	4 [3]		100	Ru-105(n,3npa)Nb-98g	TALYS-6a	0	14
Ru-104(n,2a)Zr-97	TALYS-6a	0 [8]		39	Ru-105(n,3npa)Nb-98m	TALYS-6a	0	14
Ru-104(n,2p)Mo-103	TALYS-6a	0 [8]		30	Ru-105(n,n'pd)Mo-102	TALYS-6a	0 [8]	20
Ru-104(n,pa)Nb-100g	TALYS-6a	0		30	Ru-105(n,n'pt)Mo-101	TALYS-6a	0 [8]	18
Ru-104(n,pa)Nb-100m	TALYS-6a	0		30	Ru-105(n,n'dt)Mo-100	TALYS-6a	0 [8]	15
Ru-104(n,pd)Mo-102	TALYS-6a	0 [8]		26	Ru-105(n,n'ta)Nb-98g	TALYS-6a	0	19
Ru-104(n,5n)Ru-100	TALYS-6a	0		16	Ru-105(n,n'ta)Nb-98m	TALYS-6a	0	19
Ru-104(n,6n)Ru-99	TALYS-6a	0		11	Ru-105(n,2n2p)Mo-102	TALYS-6a	0 [8]	18
Ru-104(n,2nt)Tc-100	TALYS-6a	0 [8]		20	Ru-105(n,4n2p)Mo-100	TALYS-6a	0 [8]	10
Ru-104(n,ta)Nb-98g	TALYS-6a	0		25	Ru-105(n,4n2a)Zr-94	TALYS-6a	0 [8]	12
Ru-104(n,ta)Nb-98m	TALYS-6a	0		25	Ru-105(n,4npa)Nb-97g	TALYS-6a	0	11
Ru-104(n,4np)Tc-100	TALYS-6a	0 [8]		14	Ru-105(n,4npa)Nb-97m	TALYS-6a	0	11
Ru-104(n,3nd)Tc-100	TALYS-6a	0 [8]		15	Ru-105(n,5n2p)Mo-99	TALYS-6a	0 [8]	6
Ru-104(n,n'da)Nb-98g	TALYS-6a	0		19	Ru-106(n,2nd)Tc-103	TALYS-6a	0	23
Ru-104(n,n'da)Nb-98m	TALYS-6a	0		19	Ru-106(n,2n)Ru-105	TALYS-6a	0	44
Ru-104(n,2npa)Nb-98g	TALYS-6a	0		17	Ru-106(n,3n)Ru-104	TALYS-6a	0	32
Ru-104(n,2npa)Nb-98m	TALYS-6a	0		18	Ru-106(n,n'a)Mo-102	TALYS-6a	0 [8]	46
Ru-104(n,7n)Ru-98	TALYS-6a	0		7	Ru-106(n,2na)Mo-101	TALYS-6a	0 [8]	30
Ru-104(n,5np)Tc-99g	TALYS-6a	0		11	Ru-106(n,3na)Mo-100	TALYS-6a	0 [8]	25
Ru-104(n,5np)Tc-99m	TALYS-6a	0		11	Ru-106(n,n'p)Tc-105	TALYS-6a	0 [8]	37
Ru-104(n,6np)Tc-98	TALYS-6a	0		7	Ru-106(n,n'2a)Zr-98	TALYS-6a	0 [8]	26
Ru-104(n,4na)Mo-97	TALYS-6a	0 [8]		16	Ru-106(n,2n2a)Zr-97	TALYS-6a	0 [8]	19
Ru-104(n,5na)Mo-96	TALYS-6a	0 [8]		13	Ru-106(n,n'd)Tc-104	TALYS-6a	0 [8]	28
Ru-104(n,6na)Mo-95	TALYS-6a	0 [8]		8	Ru-106(n,n't)Tc-103	TALYS-6a	0 [8]	28
Ru-104(n,4nd)Tc-99g	TALYS-6a	0		12	Ru-106(n,n'h)Mo-103	TALYS-6a	0 [8]	23
Ru-104(n,4nd)Tc-99m	TALYS-6a	0		12	Ru-106(n,4n)Ru-103	TALYS-6a	0	23
Ru-104(n,5nd)Tc-98	TALYS-6a	0 [8]		7	Ru-106(n,2np)Tc-104	TALYS-6a	0	27
Ru-104(n,3nt)Tc-99g	TALYS-6a	0		15	Ru-106(n,3np)Tc-103	TALYS-6a	0	21
Ru-104(n,3nt)Tc-99m	TALYS-6a	0		15	Ru-106(n,n'2p)Mo-104	TALYS-6a	0 [8]	22
Ru-104(n,4nt)Tc-98	TALYS-6a	0 [8]		10	Ru-106(n,n'pa)Nb-101	TALYS-6a	0 [8]	23
Ru-104(n,5nt)Tc-97g	TALYS-6a	0		6	Ru-106(n,g)Ru-107	JEF-2.2	2 [13]	517
Ru-104(n,5nt)Tc-97m	TALYS-6a	0		6	Ru-106(n,p)Tc-106	TALYS-6a	0 [2,8]	53
Ru-104(n,2nh)Mo-100	TALYS-6a	0 [8]		18	Ru-106(n,d)Tc-105	TALYS-6a	0 [8]	41
Ru-104(n,3nh)Mo-99	TALYS-6a	0 [8]		13	Ru-106(n,t)Tc-104	TALYS-6a	0 [8]	37
Ru-104(n,4nh)Mo-98	TALYS-6a	0 [8]		10	Ru-106(n,h)Mo-104	TALYS-6a	0 [8]	30
Ru-104(n,3n2p)Mo-100	TALYS-6a	0 [8]		14	Ru-106(n,a)Mo-103	TALYS-6	2 [3]	100
Ru-104(n,3n2a)Zr-94	TALYS-6a	0 [8]		16	Ru-106(n,2p)Mo-105	TALYS-6a	0 [8]	28
Ru-104(n,3npa)Nb-97g	TALYS-6a	0		14	Ru-106(n,pd)Mo-104	TALYS-6a	0 [8]	24
Ru-104(n,3npa)Nb-97m	TALYS-6a	0		14	Ru-106(n,5n)Ru-102	TALYS-6a	0	17
Ru-104(n,n'pd)Mo-101	TALYS-6a	0 [8]		18	Ru-106(n,6n)Ru-101	TALYS-6a	0	12
Ru-104(n,n'pt)Mo-100	TALYS-6a	0 [8]		18	Ru-106(n,2nt)Tc-102g	TALYS-6a	0 [4,8]	20
Ru-104(n,n'dt)Mo-99	TALYS-6a	0 [8]		18	Ru-106(n,2nt)Tc-102m	TALYS-6a	0 [4,7,8,8]	20
Ru-104(n,n'ta)Nb-97g	TALYS-6a	0		20	Ru-106(n,4np)Tc-102g	TALYS-6a	0 [4]	15
Ru-104(n,n'ta)Nb-97m	TALYS-6a	0		19	Ru-106(n,4np)Tc-102m	TALYS-6a	0 [4,7,8]	15
Ru-104(n,2n2p)Mo-101	TALYS-6a	0 [8]		16	Ru-106(n,3nd)Tc-102g	TALYS-6a	0 [4,8]	15
Ru-104(n,4n2p)Mo-99	TALYS-6a	0 [8]		9	Ru-106(n,3nd)Tc-102m	TALYS-6a	0 [4,7,8,8]	15
Ru-104(n,4n2a)Zr-93	TALYS-6a	0 [8]		11	Ru-106(n,n'da)Nb-100g	TALYS-6a	0	16
Ru-104(n,4npa)Nb-96	TALYS-6a	0 [8]		10	Ru-106(n,n'da)Nb-100m	TALYS-6a	0	16
Ru-104(n,5n2p)Mo-98	TALYS-6a	0 [8]		7	Ru-106(n,2npa)Nb-100g	TALYS-6a	0	16
Ru-105(n,2nd)Tc-102g	TALYS-6a	0 [4,8]		23	Ru-106(n,2npa)Nb-100m	TALYS-6a	0	16
Ru-105(n,2nd)Tc-102m	TALYS-6a	0 [4,7,8,8]		23	Ru-106(n,7n)Ru-100	TALYS-6a	0	9

Ru-106(n,8n)Ru-99	TALYS-6a	0		4	Rh-99(n,3nh)Tc-94g	TALYS-6a	0	14
Ru-106(n,5np)Tc-101	TALYS-6a	0		12	Rh-99(n,3nh)Tc-94m	TALYS-6a	0	14
Ru-106(n,6np)Tc-100	TALYS-6a	0		7	Rh-99(n,4nh)Tc-93g	TALYS-6a	0	9
Ru-106(n,4na)Mo-99	TALYS-6a	0 [8]		16	Rh-99(n,4nh)Tc-93m	TALYS-6a	0	9
Ru-106(n,5na)Mo-98	TALYS-6a	0 [8]		13	Rh-99(n,3n2p)Tc-95g	TALYS-6a	0	15
Ru-106(n,6na)Mo-97	TALYS-6a	0 [8]		9	Rh-99(n,3n2p)Tc-95m	TALYS-6a	0	15
Ru-106(n,4nd)Tc-101	TALYS-6a	0 [8]		12	Rh-99(n,3n2a)Nb-89g	TALYS-6a	0	14
Ru-106(n,5nd)Tc-100	TALYS-6a	0		8	Rh-99(n,3n2a)Nb-89m	TALYS-6a	0	13
Ru-106(n,6nd)Tc-99g	TALYS-6a	0		5	Rh-99(n,3npa)Mo-92	TALYS-6a	0 [8,7,8]	17
Ru-106(n,6nd)Tc-99m	TALYS-6a	0		5	Rh-99(n,dt)Tc-95g	TALYS-6a	0	22
Ru-106(n,3nt)Tc-101	TALYS-6a	0		15	Rh-99(n,dt)Tc-95m	TALYS-6a	0	22
Ru-106(n,4nt)Tc-100	TALYS-6a	0 [8]		11	Rh-99(n,n'pd)Tc-96g	TALYS-6a	0	23
Ru-106(n,5nt)Tc-99g	TALYS-6a	0		7	Rh-99(n,n'pd)Tc-96m	TALYS-6a	0	23
Ru-106(n,5nt)Tc-99m	TALYS-6a	0		7	Rh-99(n,n'pt)Tc-95g	TALYS-6a	0	21
Ru-106(n,2nh)Mo-102	TALYS-6a	0 [8]		17	Rh-99(n,n'pt)Tc-95m	TALYS-6a	0	21
Ru-106(n,3nh)Mo-101	TALYS-6a	0 [8]		13	Rh-99(n,n'dt)Tc-94g	TALYS-6a	0	14
Ru-106(n,4nh)Mo-100	TALYS-6a	0 [8]		10	Rh-99(n,n'dt)Tc-94m	TALYS-6a	0	14
Ru-106(n,3n2p)Mo-102	TALYS-6a	0 [8]		13	Rh-99(n,n'ph)Mo-95	TALYS-6a	0 [8,7,8]	21
Ru-106(n,3n2a)Zr-96	TALYS-6a	0 [8]		15	Rh-99(n,n'dh)Mo-94	TALYS-6a	0 [8,7,8]	15
Ru-106(n,3npa)Nb-99g	TALYS-6a	0		13	Rh-99(n,n'th)Mo-93g	TALYS-6a	0 [4,8,7,8]	13
Ru-106(n,3npa)Nb-99m	TALYS-6a	0		13	Rh-99(n,n'th)Mo-93m	TALYS-6a	0 [4,7,8,8]	12
Ru-106(n,n'pd)Mo-103	TALYS-6a	0 [8]		17	Rh-99(n,n'ta)Mo-92	TALYS-6a	0 [8,7,8]	24
Ru-106(n,n'pt)Mo-102	TALYS-6a	0 [8]		17	Rh-99(n,2n2p)Tc-96g	TALYS-6a	0	22
Ru-106(n,n'dt)Mo-101	TALYS-6a	0 [8]		13	Rh-99(n,2n2p)Tc-96m	TALYS-6a	0	22
Ru-106(n,n'ta)Nb-99g	TALYS-6a	0		18	Rh-99(n,ph)Mo-96	TALYS-6a	0 [8,7,8]	30
Ru-106(n,n'ta)Nb-99m	TALYS-6a	0		17	Rh-99(n,ha)Nb-93g	TALYS-6a	0	30
Ru-106(n,2n2p)Mo-103	TALYS-6a	0 [8]		16	Rh-99(n,ha)Nb-93m	TALYS-6a	0	30
Ru-106(n,4n2p)Mo-101	TALYS-6a	0 [8]		9	Rh-99(n,4n2p)Tc-94g	TALYS-6a	0	10
Ru-106(n,4n2a)Zr-95	TALYS-6a	0 [8]		11	Rh-99(n,4n2p)Tc-94m	TALYS-6a	0	10
Ru-106(n,4npa)Nb-98g	TALYS-6a	0		10	Rh-99(n,4npa)Mo-91g	TALYS-6a	0	10
Ru-106(n,4npa)Nb-98m	TALYS-6a	0		10	Rh-99(n,4npa)Mo-91m	TALYS-6a	0	9
Rh-99(n,n')Rh-99m	TALYS-6a	0		90	Rh-99(n,3p)Mo-97	TALYS-6a	0 [8,7,8]	30
Rh-99(n,2nd)Ru-96	TALYS-6a	0 [8,7,8]		25	Rh-99(n,n'3p)Mo-96	TALYS-6a	0 [8,7,8]	23
Rh-99(n,2n)Rh-98g	TALYS-6a	0 [4,7,8]		40	Rh-99(n,3n2pa)Nb-91g	TALYS-6a	0	11
Rh-99(n,2n)Rh-98m	TALYS-6a	0 [4,7,8]		40	Rh-99(n,3n2pa)Nb-91m	TALYS-6a	0	11
Rh-99(n,3n)Rh-97g	TALYS-6a	0		27	Rh-99(n,5n2p)Tc-93g	TALYS-6a	0	6
Rh-99(n,3n)Rh-97m	TALYS-6a	0		27	Rh-99(n,5n2p)Tc-93m	TALYS-6a	0	6
Rh-99(n,n'a)Tc-95g	TALYS-6a	0		63	Rh-99m(n,n')Rh-99g	TALYS-6a	0 [8,8]	97
Rh-99(n,n'a)Tc-95m	TALYS-6a	0		62	Rh-99m(n,2nd)Ru-96	TALYS-6a	0 [8,7,8]	25
Rh-99(n,n'3a)Y-87g	TALYS-6a	0		18	Rh-99m(n,2n)Rh-98g	TALYS-6a	0 [4,7,8,15]	40
Rh-99(n,n'3a)Y-87m	TALYS-6a	0		18	Rh-99m(n,2n)Rh-98m	TALYS-6a	0 [4,7,8]	40
Rh-99(n,2na)Tc-94g	TALYS-6a	0		32	Rh-99m(n,3n)Rh-97g	TALYS-6a	0	27
Rh-99(n,2na)Tc-94m	TALYS-6a	0		32	Rh-99m(n,3n)Rh-97m	TALYS-6a	0	27
Rh-99(n,3na)Tc-93g	TALYS-6a	0		23	Rh-99m(n,n'a)Tc-95g	TALYS-6a	0	63
Rh-99(n,3na)Tc-93m	TALYS-6a	0		22	Rh-99m(n,n'a)Tc-95m	TALYS-6a	0	63
Rh-99(n,n'p)Ru-98	TALYS-6a	0 [8,7,8]		60	Rh-99m(n,n'3a)Y-87g	TALYS-6a	0	18
Rh-99(n,n'2a)Nb-91g	TALYS-6a	0		39	Rh-99m(n,n'3a)Y-87m	TALYS-6a	0	19
Rh-99(n,n'2a)Nb-91m	TALYS-6a	0		38	Rh-99m(n,2na)Tc-94g	TALYS-6a	0	32
>Rh-99(n,2n2a)Nb-90g	TALYS-6a	0 [4,7,8]		22	Rh-99m(n,2na)Tc-94m	TALYS-6a	0	32
>Rh-99(n,2n2a)Nb-90m	TALYS-6a	0 [4,7,8]		22	Rh-99m(n,3na)Tc-93g	TALYS-6a	0	23
+Rh-99(n,2n2a)Nb-90n	TALYS-6a	0 [4,7,8]		21	Rh-99m(n,3na)Tc-93m	TALYS-6a	0	23
Rh-99(n,n'd)Ru-97	TALYS-6a	0 [8,7,8]		34	Rh-99m(n,n'p)Ru-98	TALYS-6a	0 [8,7,8]	60
Rh-99(n,n't)Ru-96	TALYS-6a	0 [8,7,8]		31	Rh-99m(n,n'2a)Nb-91g	TALYS-6a	0	39
Rh-99(n,n'h)Tc-96g	TALYS-6a	0		28	Rh-99m(n,n'2a)Nb-91m	TALYS-6a	0	38
Rh-99(n,n'h)Tc-96m	TALYS-6a	0		28	>Rh-99m(n,2n2a)Nb-90g	TALYS-6a	0 [4,7,8]	22
Rh-99(n,n'd2a)Zr-89g	TALYS-6a	0		15	>Rh-99m(n,2n2a)Nb-90m	TALYS-6a	0 [4,7,8]	22
Rh-99(n,n'd2a)Zr-89m	TALYS-6a	0		14	+Rh-99m(n,2n2a)Nb-90n	TALYS-6a	0 [4,7,8]	21
Rh-99(n,n't2a)Zr-88	TALYS-6a	0 [8,7,8]		13	Rh-99m(n,n'd)Ru-97	TALYS-6a	0 [8,7,8]	34
Rh-99(n,4n)Rh-96g	TALYS-6a	0		16	Rh-99m(n,n't)Ru-96	TALYS-6a	0 [8,7,8]	31
Rh-99(n,4n)Rh-96m	TALYS-6a	0		16	Rh-99m(n,n'h)Tc-96g	TALYS-6a	0	28
Rh-99(n,2np)Ru-97	TALYS-6a	0 [8,7,8]		31	Rh-99m(n,n'h)Tc-96m	TALYS-6a	0	28
Rh-99(n,3np)Ru-96	TALYS-6a	0		23	Rh-99m(n,n'd2a)Zr-89g	TALYS-6a	0	15
Rh-99(n,n'2p)Tc-97g	TALYS-6a	0		31	Rh-99m(n,n'd2a)Zr-89m	TALYS-6a	0	15
Rh-99(n,n'2p)Tc-97m	TALYS-6a	0		31	Rh-99m(n,n't2a)Zr-88	TALYS-6a	0 [8,7,8]	13
Rh-99(n,n'pa)Mo-94	TALYS-6a	0 [8,7,8]		39	Rh-99m(n,4n)Rh-96g	TALYS-6a	0	16
Rh-99(n,g)Rh-100g	MASGAM	0 [14,13,4,6]		83	Rh-99m(n,4n)Rh-96m	TALYS-6a	0	16
Rh-99(n,g)Rh-100m	MASGAM	0 [14,13,4,6]		83	Rh-99m(n,2np)Ru-97	TALYS-6a	0 [8,7,8]	31
Rh-99(n,p)Ru-99	TALYS-6a	0 [2]		100	Rh-99m(n,3np)Ru-96	TALYS-6a	0	23
Rh-99(n,d)Ru-98	TALYS-6a	0 [8,7,8]		69	Rh-99m(n,n'2p)Tc-97g	TALYS-6a	0	32
Rh-99(n,t)Ru-97	TALYS-6a	0 [8,7,8]		48	Rh-99m(n,n'2p)Tc-97m	TALYS-6a	0	31
Rh-99(n,h)Tc-97g	TALYS-6a	0		45	Rh-99m(n,n'pa)Mo-94	TALYS-6a	0 [8,7,8]	39
Rh-99(n,h)Tc-97m	TALYS-6a	0		45	Rh-99m(n,g)Rh-100g	MASGAM	0 [14,13,4,6]	83
Rh-99(n,a)Tc-96g	TALYS-6a	0 [2]		100	Rh-99m(n,g)Rh-100m	MASGAM	0 [14,13,4,6]	83
Rh-99(n,a)Tc-96m	TALYS-6a	0 [2]		100	Rh-99m(n,p)Ru-99	TALYS-6a	0 [2]	100
Rh-99(n,2a)Nb-92g	TALYS-6a	0		100	Rh-99m(n,d)Ru-98	TALYS-6a	0 [8,7,8]	69
Rh-99(n,2a)Nb-92m	TALYS-6a	0		100	Rh-99m(n,t)Ru-97	TALYS-6a	0 [8,7,8]	48
Rh-99(n,3a)Y-88	TALYS-6a	0 [8,7,8]		28	Rh-99m(n,h)Tc-97g	TALYS-6a	0	45
Rh-99(n,2p)Tc-98	TALYS-6a	0 [8,7,8]		46	Rh-99m(n,h)Tc-97m	TALYS-6a	0	45
Rh-99(n,pa)Mo-95	TALYS-6a	0 [7]		100	Rh-99m(n,a)Tc-96g	TALYS-6a	0 [2]	100
Rh-99(n,t2a)Zr-89g	TALYS-6a	0		20	Rh-99m(n,a)Tc-96m	TALYS-6a	0 [2]	100
Rh-99(n,t2a)Zr-89m	TALYS-6a	0		18	Rh-99m(n,2a)Nb-92g	TALYS-6a	0	100
Rh-99(n,d2a)Zr-90g	TALYS-6a	0		27	Rh-99m(n,2a)Nb-92m	TALYS-6a	0	100
Rh-99(n,d2a)Zr-90m	TALYS-6a	0		24	Rh-99m(n,3a)Y-88	TALYS-6a	0 [8,7,8]	29
Rh-99(n,pd)Tc-97g	TALYS-6a	0		35	Rh-99m(n,2p)Tc-98	TALYS-6a	0 [8,7,8]	47
Rh-99(n,pd)Tc-97m	TALYS-6a	0		34	Rh-99m(n,pa)Mo-95	TALYS-6a	0 [7]	100
Rh-99(n,pt)Tc-96g	TALYS-6a	0		30	Rh-99m(n,t2a)Zr-89g	TALYS-6a	0	20
Rh-99(n,pt)Tc-96m	TALYS-6a	0		29	Rh-99m(n,t2a)Zr-89m	TALYS-6a	0	19
Rh-99(n,da)Mo-94	TALYS-6a	0 [8,7,8]		41	Rh-99m(n,d2a)Zr-90g	TALYS-6a	0	27
Rh-99(n,5n)Rh-95g	TALYS-6a	0		12	Rh-99m(n,d2a)Zr-90m	TALYS-6a	0	25
Rh-99(n,5n)Rh-95m	TALYS-6a	0		11	Rh-99m(n,pd)Tc-97g	TALYS-6a	0	35
Rh-99(n,2nt)Ru-95	TALYS-6a	0 [8,7,8]		20	Rh-99m(n,pd)Tc-97m	TALYS-6a	0	34
Rh-99(n,ta)Mo-93g	TALYS-6a	0 [4,8,7,8]		33	Rh-99m(n,pt)Tc-96g	TALYS-6a	0	30
Rh-99(n,ta)Mo-93m	TALYS-6a	0 [4,7,8,8]		32	Rh-99m(n,pt)Tc-96m	TALYS-6a	0	30
Rh-99(n,4np)Ru-95	TALYS-6a	0		15	Rh-99m(n,da)Mo-94	TALYS-6a	0 [8,7,8]	41
Rh-99(n,3nd)Ru-95	TALYS-6a	0 [8,7,8]		15	Rh-99m(n,5n)Rh-95g	TALYS-6a	0	12
Rh-99(n,n'da)Mo-93g	TALYS-6a	0 [4,8,7,8]		26	Rh-99m(n,5n)Rh-95m	TALYS-6a	0	11
Rh-99(n,n'da)Mo-93m	TALYS-6a	0 [4,7,8,8]		25	Rh-99m(n,2nt)Ru-95	TALYS-6a	0 [8,7,8]	20
Rh-99(n,2npa)Mo-93g	TALYS-6a	0 [4,8,7,8]		25	Rh-99m(n,ta)Mo-93g	TALYS-6a	0 [4,8,7,8]	34
Rh-99(n,2npa)Mo-93m	TALYS-6a	0 [4,7,8,8]		24	Rh-99m(n,ta)Mo-93m	TALYS-6a	0 [4,7,8,8]	33
Rh-99(n,5np)Ru-94	TALYS-6a	0		10	Rh-99m(n,4np)Ru-95	TALYS-6a	0	15
Rh-99(n,4na)Tc-92	TALYS-6a	0 [8,7,8]		13	Rh-99m(n,3nd)Ru-95	TALYS-6a	0 [8,7,8]	15
Rh-99(n,5na)Tc-91g	TALYS-6a	0		7	Rh-99m(n,n'da)Mo-93g	TALYS-6a	0 [4,8,7,8]	27
Rh-99(n,5na)Tc-91m	TALYS-6a	0		7	Rh-99m(n,n'da)Mo-93m	TALYS-6a	0 [4,7,8,8]	26
Rh-99(n,4nd)Ru-94	TALYS-6a	0		11	Rh-99m(n,2npa)Mo-93g	TALYS-6a	0 [4,8,7,8]	25
Rh-99(n,3nt)Ru-94	TALYS-6a	0		14	Rh-99m(n,2npa)Mo-93m	TALYS-6a	0 [4,7,8,8]	24
Rh-99(n,4nt)Ru-93g	TALYS-6a	0		7	Rh-99m(n,5np)Ru-94	TALYS-6a	0	10
Rh-99(n,4nt)Ru-93m	TALYS-6a	0		6	Rh-99m(n,4na)Tc-92	TALYS-6a	0 [8,7,8]	13
Rh-99(n,2nh)Tc-95g	TALYS-6a	0		21	Rh-99m(n,5na)Tc-91g	TALYS-6a	0	7
Rh-99(n,2nh)Tc-95m	TALYS-6a	0		21	Rh-99m(n,5na)Tc-91m	TALYS-6a	0	7

Rh-99m(n,4nd)Ru-94	TALYS-6a	0		11
Rh-99m(n,3nt)Ru-94	TALYS-6a	0		14
Rh-99m(n,4nt)Ru-93g	TALYS-6a	0		7
Rh-99m(n,4nt)Ru-93m	TALYS-6a	0		6
Rh-99m(n,2nh)Tc-95g	TALYS-6a	0		21
Rh-99m(n,2nh)Tc-95m	TALYS-6a	0		21
Rh-99m(n,3nh)Tc-94g	TALYS-6a	0		14
Rh-99m(n,3nh)Tc-94m	TALYS-6a	0		14
Rh-99m(n,4nh)Tc-93g	TALYS-6a	0		9
Rh-99m(n,4nh)Tc-93m	TALYS-6a	0		9
Rh-99m(n,3n2p)Tc-95g	TALYS-6a	0		15
Rh-99m(n,3n2p)Tc-95m	TALYS-6a	0		15
Rh-99m(n,3n2a)Nb-89g	TALYS-6a	0		14
Rh-99m(n,3n2a)Nb-89m	TALYS-6a	0		13
Rh-99m(n,3npa)Mo-92	TALYS-6a	0	[8,7,8]	17
Rh-99m(n,dt)Tc-95g	TALYS-6a	0		22
Rh-99m(n,dt)Tc-95m	TALYS-6a	0		22
Rh-99m(n,n'pd)Tc-96g	TALYS-6a	0		24
Rh-99m(n,n'pd)Tc-96m	TALYS-6a	0		23
Rh-99m(n,n'pt)Tc-95g	TALYS-6a	0		21
Rh-99m(n,n'pt)Tc-95m	TALYS-6a	0		21
Rh-99m(n,n'dt)Tc-94g	TALYS-6a	0		14
Rh-99m(n,n'dt)Tc-94m	TALYS-6a	0		14
Rh-99m(n,n'ph)Mo-95	TALYS-6a	0	[8,7,8]	21
Rh-99m(n,n'dh)Mo-94	TALYS-6a	0	[8,7,8]	15
Rh-99m(n,n'th)Mo-93g	TALYS-6a	0	[4,7,8,8]	13
Rh-99m(n,n'th)Mo-93m	TALYS-6a	0	[4,7,8,8]	12
Rh-99m(n,n'ta)Mo-92	TALYS-6a	0	[8,7,8]	24
Rh-99m(n,2n2p)Tc-96g	TALYS-6a	0		22
Rh-99m(n,2n2p)Tc-96m	TALYS-6a	0		22
Rh-99m(n,ph)Mo-96	TALYS-6a	0	[8,7,8]	30
Rh-99m(n,ha)Nb-93g	TALYS-6a	0		30
Rh-99m(n,ha)Nb-93m	TALYS-6a	0		30
Rh-99m(n,4n2p)Tc-94g	TALYS-6a	0		10
Rh-99m(n,4n2p)Tc-94m	TALYS-6a	0		10
Rh-99m(n,4npa)Mo-91g	TALYS-6a	0		10
Rh-99m(n,4npa)Mo-91m	TALYS-6a	0		10
Rh-99m(n,3p)Mo-97	TALYS-6a	0	[8,7,8]	30
Rh-99m(n,n'3p)Mo-96	TALYS-6a	0	[8,7,8]	23
Rh-99m(n,3n2pa)Nb-91g	TALYS-6a	0		11
Rh-99m(n,3n2pa)Nb-91m	TALYS-6a	0		11
Rh-99m(n,5n2p)Tc-93g	TALYS-6a	0		6
Rh-99m(n,5n2p)Tc-93m	TALYS-6a	0		6
Rh-100(n,n')Rh-100m	TALYS-5a	0		89
Rh-100(n,2nd)Ru-97	TALYS-6a	0	[8]	25
Rh-100(n,2n)Rh-99g	TALYS-6a	0		45
Rh-100(n,2n)Rh-99m	TALYS-6a	0		45
Rh-100(n,3n)Rh-98g	TALYS-6a	0	[4]	28
Rh-100(n,3n)Rh-98m	TALYS-6a	0	[4,7,8]	27
Rh-100(n,n'a)Tc-96g	TALYS-6a	0		61
Rh-100(n,n'a)Tc-96m	TALYS-6a	0		61
Rh-100(n,n'3a)Y-88	TALYS-6a	0	[8]	19
Rh-100(n,2na)Tc-95g	TALYS-6a	0		36
Rh-100(n,2na)Tc-95m	TALYS-6a	0		36
Rh-100(n,3na)Tc-94g	TALYS-6a	0		24
Rh-100(n,3na)Tc-94m	TALYS-6a	0		23
Rh-100(n,n'p)Ru-99	TALYS-6a	0	[8]	56
Rh-100(n,n'2a)Nb-92g	TALYS-6a	0		37
Rh-100(n,n'2a)Nb-92m	TALYS-6a	0		37
Rh-100(n,2n2a)Nb-91g	TALYS-6a	0		27
Rh-100(n,2n2a)Nb-91m	TALYS-6a	0		26
Rh-100(n,n'd)Ru-98	TALYS-6a	0	[8]	38
Rh-100(n,n't)Ru-97	TALYS-6a	0	[8]	31
Rh-100(n,n'h)Tc-97g	TALYS-6a	0		30
Rh-100(n,n'h)Tc-97m	TALYS-6a	0		30
Rh-100(n,n'd2a)Zr-90g	TALYS-6a	0		18
Rh-100(n,n'd2a)Zr-90m	TALYS-6a	0		16
Rh-100(n,n't2a)Zr-89g	TALYS-6a	0		14
Rh-100(n,n't2a)Zr-89m	TALYS-6a	0		13
Rh-100(n,4n)Rh-97g	TALYS-6a	0		19
Rh-100(n,4n)Rh-97m	TALYS-6a	0		19
Rh-100(n,2np)Ru-98	TALYS-6a	0	[8]	35
Rh-100(n,3np)Ru-97	TALYS-6a	0		23
Rh-100(n,n'2p)Tc-98	TALYS-6a	0	[8]	30
Rh-100(n,n'pa)Mo-95	TALYS-6a	0	[8]	37
Rh-100(n,g)Rh-101g	MASGAM	0	[14,13,4,6]	83
Rh-100(n,g)Rh-101m	MASGAM	0	[14,13,4,6]	83
Rh-100(n,p)Ru-100	TALYS-6a	0	[2]	100
Rh-100(n,d)Ru-99	TALYS-6a	0	[8]	66
Rh-100(n,t)Ru-98	TALYS-6a	0	[8]	58
Rh-100(n,h)Tc-98	TALYS-6a	0	[8]	43
Rh-100(n,a)Tc-97g	TALYS-6a	0	[2]	100
Rh-100(n,a)Tc-97m	TALYS-6a	0	[2]	100
Rh-100(n,2a)Nb-93g	TALYS-6a	0		100
Rh-100(n,2a)Nb-93m	TALYS-6a	0		100
Rh-100(n,3a)Y-89g	TALYS-6a	0		100
Rh-100(n,3a)Y-89m	TALYS-6a	0		100
Rh-100(n,2p)Tc-99g	TALYS-6a	0		51
Rh-100(n,2p)Tc-99m	TALYS-6a	0		49
Rh-100(n,pa)Mo-96	TALYS-6a	0		100
Rh-100(n,t2a)Zr-90g	TALYS-6a	0		24
Rh-100(n,t2a)Zr-90m	TALYS-6a	0		22
Rh-100(n,d2a)Zr-91	TALYS-6a	0	[8]	26
Rh-100(n,pd)Tc-98	TALYS-6a	0	[8]	32
Rh-100(n,pt)Tc-97g	TALYS-6a	0		31
Rh-100(n,pt)Tc-97m	TALYS-6a	0		31
Rh-100(n,da)Mo-95	TALYS-6a	0	[8]	40
Rh-100(n,5n)Rh-96g	TALYS-6a	0		12
Rh-100(n,5n)Rh-96m	TALYS-6a	0		12
Rh-100(n,6n)Rh-95g	TALYS-6a	0		7
Rh-100(n,6n)Rh-95m	TALYS-6a	0		7
Rh-100(n,2nt)Ru-96	TALYS-6a	0	[8]	22
Rh-100(n,ta)Mo-94	TALYS-6a	0	[8]	36
Rh-100(n,4np)Ru-96	TALYS-6a	0		16
Rh-100(n,3nd)Ru-96	TALYS-6a	0		17
Rh-100(n,n'da)Mo-94	TALYS-6a	0	[8]	28
Rh-100(n,2npa)Mo-94	TALYS-6a	0	[8]	27
Rh-100(n,5np)Ru-95	TALYS-6a	0		10
Rh-100(n,6np)Ru-94	TALYS-6a	0		6

Rh-100(n,4na)Tc-93g	TALYS-6a	0		16
Rh-100(n,4na)Tc-93m	TALYS-6a	0		15
Rh-100(n,5na)Tc-92	TALYS-6a	0	[8]	9
Rh-100(n,4nd)Ru-95	TALYS-6a	0	[8]	11
Rh-100(n,5nd)Ru-94	TALYS-6a	0		7
Rh-100(n,3nt)Ru-95	TALYS-6a	0	[8]	14
Rh-100(n,4nt)Ru-94	TALYS-6a	0	[8]	9
Rh-100(n,2nh)Tc-96g	TALYS-6a	0		20
Rh-100(n,2nh)Tc-96m	TALYS-6a	0		20
Rh-100(n,3nh)Tc-95g	TALYS-6a	0		15
Rh-100(n,3nh)Tc-95m	TALYS-6a	0		14
Rh-100(n,4nh)Tc-94g	TALYS-6a	0		10
Rh-100(n,4nh)Tc-94m	TALYS-6a	0		9
Rh-100(n,3n2p)Tc-96g	TALYS-6a	0		15
Rh-100(n,3n2p)Tc-96m	TALYS-6a	0		15
Rh-100(n,3n2a)Nb-90g	TALYS-6a	0	[4]	15
Rh-100(n,3n2a)Nb-90m	TALYS-6a	0	[4,7,8]	15
+Rh-100(n,3n2a)Nb-90n	TALYS-6a	0	[4,7,8]	14
Rh-100(n,3npa)Mo-93g	TALYS-6a	0	[4,8]	17
Rh-100(n,3npa)Mo-93m	TALYS-6a	0	[4,7,8,8]	16
Rh-100(n,dt)Tc-96g	TALYS-6a	0		22
Rh-100(n,dt)Tc-96m	TALYS-6a	0		22
Rh-100(n,n'pd)Tc-97g	TALYS-6a	0		25
Rh-100(n,n'pd)Tc-97m	TALYS-6a	0		25
Rh-100(n,n'pt)Tc-96g	TALYS-6a	0		21
Rh-100(n,n'pt)Tc-96m	TALYS-6a	0		21
Rh-100(n,n'dt)Tc-95g	TALYS-6a	0		15
Rh-100(n,n'dt)Tc-95m	TALYS-6a	0		15
Rh-100(n,n'ph)Mo-96	TALYS-6a	0	[8]	22
Rh-100(n,n'dh)Mo-95	TALYS-6a	0	[8]	15
Rh-100(n,n'th)Mo-94	TALYS-6a	0	[8]	14
Rh-100(n,n'ta)Mo-93g	TALYS-6a	0	[4,8]	24
Rh-100(n,n'ta)Mo-93m	TALYS-6a	0	[4,7,8,8]	23
Rh-100(n,2n2p)Tc-97g	TALYS-6a	0		23
Rh-100(n,2n2p)Tc-97m	TALYS-6a	0		23
Rh-100(n,ph)Mo-97	TALYS-6a	0	[8]	28
Rh-100(n,ha)Nb-94g	TALYS-6a	0		29
Rh-100(n,ha)Nb-94m	TALYS-6a	0		29
Rh-100(n,4n2p)Tc-95g	TALYS-6a	0		11
Rh-100(n,4n2p)Tc-95m	TALYS-6a	0		11
Rh-100(n,4n2a)Nb-89g	TALYS-6a	0		9
Rh-100(n,4n2a)Nb-89m	TALYS-6a	0		9
Rh-100(n,4npa)Mo-92	TALYS-6a	0	[8]	12
Rh-100(n,3p)Mo-98	TALYS-6a	0	[8]	30
Rh-100(n,n'3p)Mo-97	TALYS-6a	0	[8]	21
Rh-100(n,3n2pa)Nb-92g	TALYS-6a	0		11
Rh-100(n,3n2pa)Nb-92m	TALYS-6a	0		11
Rh-100(n,5n2p)Tc-94g	TALYS-6a	0		6
Rh-100(n,5n2p)Tc-94m	TALYS-6a	0		6
Rh-101(n,n')Rh-101m	TALYS-6a	0		89
Rh-101(n,2nd)Ru-98	TALYS-6a	0	[8]	25
Rh-101(n,2n)Rh-100g	TALYS-6a	0	[4]	42
Rh-101(n,2n)Rh-100m	TALYS-6a	0	[4,7,8]	40
Rh-101(n,3n)Rh-99g	TALYS-6a	0		28
Rh-101(n,3n)Rh-99m	TALYS-6a	0		28
Rh-101(n,n'a)Tc-97g	TALYS-6a	0		59
Rh-101(n,n'a)Tc-97m	TALYS-6a	0		59
Rh-101(n,n'3a)Y-89g	TALYS-6a	0		22
Rh-101(n,n'3a)Y-89m	TALYS-6a	0		22
Rh-101(n,2na)Tc-96g	TALYS-6a	0		32
Rh-101(n,2na)Tc-96m	TALYS-6a	0		32
Rh-101(n,3na)Tc-95g	TALYS-6a	0		24
Rh-101(n,3na)Tc-95m	TALYS-6a	0		23
Rh-101(n,n'p)Ru-100	TALYS-6a	0	[8]	55
Rh-101(n,n'2a)Nb-93g	TALYS-6a	0		35
Rh-101(n,n'2a)Nb-93m	TALYS-6a	0		34
Rh-101(n,2n2a)Nb-92g	TALYS-6a	0		24
Rh-101(n,2n2a)Nb-92m	TALYS-6a	0		24
Rh-101(n,n'd)Ru-99	TALYS-6a	0	[8]	33
Rh-101(n,n't)Ru-98	TALYS-6a	0	[8]	31
Rh-101(n,n'h)Tc-98	TALYS-6a	0	[8]	27
Rh-101(n,n'd2a)Zr-91	TALYS-6a	0	[8]	16
Rh-101(n,n't2a)Zr-90g	TALYS-6a	0		15
Rh-101(n,n't2a)Zr-90m	TALYS-6a	0		14
Rh-101(n,4n)Rh-98g	TALYS-6a	0	[4]	18
Rh-101(n,4n)Rh-98m	TALYS-6a	0	[4,7,8]	17
Rh-101(n,2np)Ru-99	TALYS-6a	0		31
Rh-101(n,3np)Ru-98	TALYS-6a	0	[8]	23
Rh-101(n,n'2p)Tc-99g	TALYS-6a	0		29
Rh-101(n,n'2p)Tc-99m	TALYS-6a	0		29
Rh-101(n,n'pa)Mo-96	TALYS-6a	0	[8]	35
Rh-101(n,g)Rh-102g	MASGAM	0	[14,13,4,6]	83
Rh-101(n,g)Rh-102m	MASGAM	0	[14,13,4,6]	83
Rh-101(n,p)Ru-101	TALYS-6a	0	[2]	100
Rh-101(n,d)Ru-100	TALYS-6a	0	[8]	65
Rh-101(n,t)Ru-99	TALYS-6a	0	[8]	46
Rh-101(n,h)Tc-99g	TALYS-6a	0		41
Rh-101(n,h)Tc-99m	TALYS-6a	0		41
Rh-101(n,a)Tc-98	TALYS-6a	0	[2]	100
Rh-101(n,2a)Nb-94g	TALYS-6a	0		100
Rh-101(n,2a)Nb-94m	TALYS-6a	0		100
Rh-101(n,2p)Tc-100	TALYS-6a	0	[8]	40
Rh-101(n,pa)Mo-97	TALYS-6a	0	[8]	54
Rh-101(n,t2a)Zr-91	TALYS-6a	0	[8]	21
Rh-101(n,d2a)Zr-92	TALYS-6a	0	[8]	24
Rh-101(n,pd)Tc-99g	TALYS-6a	0		31
Rh-101(n,pd)Tc-99m	TALYS-6a	0		30
Rh-101(n,pt)Tc-98	TALYS-6a	0	[8]	28
Rh-101(n,da)Mo-96	TALYS-6a	0	[8]	37
Rh-101(n,5n)Rh-97g	TALYS-6a	0		13
Rh-101(n,5n)Rh-97m	TALYS-6a	0		13
Rh-101(n,6n)Rh-96g	TALYS-6a	0		7
Rh-101(n,6n)Rh-96m	TALYS-6a	0		7
Rh-101(n,2nt)Ru-97	TALYS-6a	0	[8]	21
Rh-101(n,ta)Mo-95	TALYS-6a	0		31
Rh-101(n,4np)Ru-97	TALYS-6a	0		15
Rh-101(n,3nd)Ru-97	TALYS-6a	0		16
Rh-101(n,n'da)Mo-95	TALYS-6a	0	[8]	25
Rh-101(n,2npa)Mo-95	TALYS-6a	0	[8]	24

Reaction	Lib				Reaction	Lib			
Rh-101(n,5np)Ru-96	TALYS-6a	0		11	Rh-101m(n,6np)Ru-95	TALYS-6a	0		6
Rh-101(n,6np)Ru-95	TALYS-6a	0		5	Rh-101m(n,4na)Tc-94g	TALYS-6a	0		15
Rh-101(n,4na)Tc-94g	TALYS-6a	0		15	Rh-101m(n,4na)Tc-94m	TALYS-6a	0		15
Rh-101(n,4na)Tc-94m	TALYS-6a	0		15	Rh-101m(n,5na)Tc-93g	TALYS-6a	0		11
Rh-101(n,5na)Tc-93g	TALYS-6a	0		10	Rh-101m(n,5na)Tc-93m	TALYS-6a	0		10
Rh-101(n,5na)Tc-93m	TALYS-6a	0		10	Rh-101m(n,4nd)Ru-96	TALYS-6a	0		12
Rh-101(n,4nd)Ru-96	TALYS-6a	0		12	Rh-101m(n,5nd)Ru-95	TALYS-6a	0	[8]	6
Rh-101(n,5nd)Ru-95	TALYS-6a	0	[8]	6	Rh-101m(n,3nt)Ru-96	TALYS-6a	0	[8]	14
Rh-101(n,3nt)Ru-96	TALYS-6a	0	[8]	14	Rh-101m(n,4nt)Ru-95	TALYS-6a	0	[8]	9
Rh-101(n,4nt)Ru-95	TALYS-6a	0	[8]	9	Rh-101m(n,2nh)Tc-97g	TALYS-6a	0		20
Rh-101(n,2nh)Tc-97g	TALYS-6a	0		20	Rh-101m(n,2nh)Tc-97m	TALYS-6a	0		20
Rh-101(n,2nh)Tc-97m	TALYS-6a	0		20	Rh-101m(n,3nh)Tc-96g	TALYS-6a	0		14
Rh-101(n,3nh)Tc-96g	TALYS-6a	0		14	Rh-101m(n,3nh)Tc-96m	TALYS-6a	0		14
Rh-101(n,3nh)Tc-96m	TALYS-6a	0		14	Rh-101m(n,4nh)Tc-95g	TALYS-6a	0		10
Rh-101(n,4nh)Tc-95g	TALYS-6a	0		10	Rh-101m(n,4nh)Tc-95m	TALYS-6a	0		10
Rh-101(n,4nh)Tc-95m	TALYS-6a	0		10	Rh-101m(n,3n2p)Tc-97g	TALYS-6a	0		15
Rh-101(n,3n2p)Tc-97g	TALYS-6a	0		15	Rh-101m(n,3n2p)Tc-97m	TALYS-6a	0		15
Rh-101(n,3n2p)Tc-97m	TALYS-6a	0		15	Rh-101m(n,3n2a)Nb-91g	TALYS-6a	0		16
Rh-101(n,3n2a)Nb-91g	TALYS-6a	0		16	Rh-101m(n,3n2a)Nb-91m	TALYS-6a	0		16
Rh-101(n,3n2a)Nb-91m	TALYS-6a	0		16	Rh-101m(n,3npa)Mo-94	TALYS-6a	0	[8]	16
Rh-101(n,3npa)Mo-94	TALYS-6a	0	[8]	16	Rh-101m(n,dt)Tc-97g	TALYS-6a	0		22
Rh-101(n,dt)Tc-97g	TALYS-6a	0		21	Rh-101m(n,dt)Tc-97m	TALYS-6a	0		21
Rh-101(n,dt)Tc-97m	TALYS-6a	0		21	Rh-101m(n,n'pd)Tc-98	TALYS-6a	0	[8]	22
Rh-101(n,n'pd)Tc-98	TALYS-6a	0	[8]	22	Rh-101m(n,n'pt)Tc-97g	TALYS-6a	0		21
Rh-101(n,n'pt)Tc-97g	TALYS-6a	0		21	Rh-101m(n,n'pt)Tc-97m	TALYS-6a	0		21
Rh-101(n,n'pt)Tc-97m	TALYS-6a	0		20	Rh-101m(n,n'dt)Tc-96g	TALYS-6a	0		14
Rh-101(n,n'dt)Tc-96g	TALYS-6a	0		14	Rh-101m(n,n'dt)Tc-96m	TALYS-6a	0		14
Rh-101(n,n'dt)Tc-96m	TALYS-6a	0		14	Rh-101m(n,n'ph)Mo-97	TALYS-6a	0	[8]	18
Rh-101(n,n'ph)Mo-97	TALYS-6a	0	[8]	18	Rh-101m(n,n'dh)Mo-96	TALYS-6a	0	[8]	14
Rh-101(n,n'dh)Mo-96	TALYS-6a	0	[8]	14	Rh-101m(n,n'ta)Mo-94	TALYS-6a	0	[8]	24
Rh-101(n,n'ta)Mo-94	TALYS-6a	0	[8]	23	Rh-101m(n,2n2p)Tc-98	TALYS-6a	0	[8]	20
Rh-101(n,2n2p)Tc-98	TALYS-6a	0	[8]	20	Rh-101m(n,ph)Mo-98	TALYS-6a	0	[8]	27
Rh-101(n,ph)Mo-98	TALYS-6a	0	[8]	27	Rh-101m(n,ha)Nb-95g	TALYS-6a	0		27
Rh-101(n,ha)Nb-95g	TALYS-6a	0		27	Rh-101m(n,ha)Nb-95m	TALYS-6a	0		27
Rh-101(n,ha)Nb-95m	TALYS-6a	0		27	Rh-101m(n,4n2p)Tc-96g	TALYS-6a	0		10
Rh-101(n,4n2p)Tc-96g	TALYS-6a	0		10	Rh-101m(n,4n2p)Tc-96m	TALYS-6a	0		10
Rh-101(n,4n2p)Tc-96m	TALYS-6a	0		10	Rh-101m(n,4n2a)Nb-90g	TALYS-6a	0	[4]	10
Rh-101(n,4n2a)Nb-90g	TALYS-6a	0	[4]	10	Rh-101m(n,4n2a)Nb-90m	TALYS-6a	0	[4,7,8]	10
Rh-101(n,4n2a)Nb-90m	TALYS-6a	0	[4,7,8]	9	+Rh-101m(n,4n2a)Nb-90n	TALYS-6a	0	[4,7,8]	9
+Rh-101(n,4n2a)Nb-90n	TALYS-6a	0	[4,7,8]	9	Rh-101m(n,4npa)Mo-93g	TALYS-6a	0	[4,8]	11
Rh-101(n,4npa)Mo-93g	TALYS-6a	0	[4,8]	11	Rh-101m(n,4npa)Mo-93m	TALYS-6a	0	[4,7,8,8]	10
Rh-101(n,4npa)Mo-93m	TALYS-6a	0	[4,7,8,8]	10	Rh-101m(n,3p)Mo-99	TALYS-6a	0	[8]	25
Rh-101(n,3p)Mo-99	TALYS-6a	0	[8]	25	Rh-101m(n,n'3p)Mo-98	TALYS-6a	0	[8]	20
Rh-101(n,n'3p)Mo-98	TALYS-6a	0	[8]	20	Rh-101m(n,3n2pa)Nb-93g	TALYS-6a	0		10
Rh-101(n,3n2pa)Nb-93g	TALYS-6a	0		10	Rh-101m(n,3n2pa)Nb-93m	TALYS-6a	0		10
Rh-101(n,3n2pa)Nb-93m	TALYS-6a	0		10	Rh-101m(n,5n2p)Tc-95g	TALYS-6a	0		6
Rh-101(n,5n2p)Tc-95g	TALYS-6a	0		6	Rh-101m(n,5n2p)Tc-95m	TALYS-6a	0		6
Rh-101(n,5n2p)Tc-95m	TALYS-6a	0		6	Rh-102(n,n')Rh-102m	TALYS-6a	0		89
Rh-101m(n,n')Rh-101g	TALYS-6a	0	[8]	97	Rh-102(n,2nd)Ru-99	TALYS-6a	0	[8]	25
Rh-101m(n,2nd)Ru-98	TALYS-6a	0	[8]	25	Rh-102(n,2n)Rh-101g	TALYS-6a	0		48
Rh-101m(n,2n)Rh-100g	TALYS-6a	0	[4]	42	Rh-102(n,2n)Rh-101m	TALYS-6a	0		47
Rh-101m(n,2n)Rh-100m	TALYS-6a	0	[4,7,8]	41	Rh-102(n,3n)Rh-100g	TALYS-6a	0	[4]	29
Rh-101m(n,3n)Rh-99g	TALYS-6a	0		28	Rh-102(n,3n)Rh-100m	TALYS-6a	0	[4,7,8]	28
Rh-101m(n,3n)Rh-99m	TALYS-6a	0		28	Rh-102(n,n'a)Tc-98	TALYS-6a	0	[8]	58
Rh-101m(n,n'a)Tc-97g	TALYS-6a	0		60	Rh-102(n,n'3a)Y-90g	TALYS-6a	0		21
Rh-101m(n,n'a)Tc-97m	TALYS-6a	0		59	Rh-102(n,n'3a)Y-90m	TALYS-6a	0		20
Rh-101m(n,n'3a)Y-89g	TALYS-6a	0		23	Rh-102(n,2na)Tc-97g	TALYS-6a	0		36
Rh-101m(n,n'3a)Y-89m	TALYS-6a	0		22	Rh-102(n,2na)Tc-97m	TALYS-6a	0		36
Rh-101m(n,2na)Tc-96g	TALYS-6a	0		32	Rh-102(n,3na)Tc-96g	TALYS-6a	0		24
Rh-101m(n,2na)Tc-96m	TALYS-6a	0		32	Rh-102(n,3na)Tc-96m	TALYS-6a	0		24
Rh-101m(n,3na)Tc-95g	TALYS-6a	0		24	Rh-102(n,n'p)Ru-101	TALYS-6a	0	[8]	52
Rh-101m(n,3na)Tc-95m	TALYS-6a	0		24	Rh-102(n,n'2a)Nb-94g	TALYS-6a	0		34
Rh-101m(n,n'p)Ru-100	TALYS-6a	0	[8]	56	Rh-102(n,n'2a)Nb-94m	TALYS-6a	0		34
Rh-101m(n,n'2a)Nb-93g	TALYS-6a	0		36	Rh-102(n,2n2a)Nb-93g	TALYS-6a	0		25
Rh-101m(n,n'2a)Nb-93m	TALYS-6a	0		35	Rh-102(n,2n2a)Nb-93m	TALYS-6a	0		25
Rh-101m(n,2n2a)Nb-92g	TALYS-6a	0		25	Rh-102(n,n'd)Ru-100	TALYS-6a	0	[8]	38
Rh-101m(n,2n2a)Nb-92m	TALYS-6a	0		24	Rh-102(n,n't)Ru-99	TALYS-6a	0	[8]	31
Rh-101m(n,n'd)Ru-99	TALYS-6a	0	[8]	34	Rh-102(n,n'h)Tc-99g	TALYS-6a	0		29
Rh-101m(n,n't)Ru-98	TALYS-6a	0	[8]	31	Rh-102(n,n'h)Tc-99m	TALYS-6a	0		28
Rh-101m(n,n'h)Tc-98	TALYS-6a	0	[8]	27	Rh-102(n,n'd2a)Zr-92	TALYS-6a	0	[8]	16
Rh-101m(n,n'd2a)Zr-91	TALYS-6a	0	[8]	16	Rh-102(n,n't2a)Zr-91	TALYS-6a	0	[8]	15
Rh-101m(n,n't2a)Zr-90g	TALYS-6a	0		15	Rh-102(n,4n)Rh-99g	TALYS-6a	0		21
Rh-101m(n,n't2a)Zr-90m	TALYS-6a	0		14	Rh-102(n,4n)Rh-99m	TALYS-6a	0		21
Rh-101m(n,4n)Rh-98g	TALYS-6a	0	[4]	18	Rh-102(n,2np)Ru-100	TALYS-6a	0	[8]	34
Rh-101m(n,4n)Rh-98m	TALYS-6a	0	[4,7,8]	17	Rh-102(n,3np)Ru-99	TALYS-6a	0	[8]	23
Rh-101m(n,2np)Ru-99	TALYS-6a	0		31	Rh-102(n,n'2p)Tc-100	TALYS-6a	0	[8]	28
Rh-101m(n,3np)Ru-98	TALYS-6a	0	[8]	23	Rh-102(n,n'pa)Mo-97	TALYS-6a	0	[8]	33
Rh-101m(n,n'2p)Tc-99g	TALYS-6a	0		30	Rh-102(n,g)Rh-103g	MASGAM	0	[14,13,4,6]	83
Rh-101m(n,n'2p)Tc-99m	TALYS-6a	0		29	Rh-102(n,g)Rh-103m	MASGAM	0	[14,13,4,6]	83
Rh-101m(n,n'pa)Mo-96	TALYS-6a	0	[8]	35	Rh-102(n,p)Ru-102	TALYS-6a	0	[2]	100
Rh-101m(n,g)Rh-102g	MASGAM	0	[14,13,4,6]	83	Rh-102(n,d)Ru-101	TALYS-6a	0	[8]	62
Rh-101m(n,g)Rh-102m	MASGAM	0	[14,13,4,6]	83	Rh-102(n,t)Ru-100	TALYS-6a	0	[8]	57
Rh-101m(n,p)Ru-101	TALYS-6a	0	[2]	100	Rh-102(n,h)Tc-100	TALYS-6a	0	[8]	39
Rh-101m(n,d)Ru-100	TALYS-6a	0	[8]	65	Rh-102(n,a)Tc-99g	TALYS-6a	0	[2]	100
Rh-101m(n,t)Ru-99	TALYS-6a	0	[8]	47	Rh-102(n,a)Tc-99m	TALYS-6a	0	[2]	100
Rh-101m(n,h)Tc-99g	TALYS-6a	0		41	Rh-102(n,2a)Nb-95g	TALYS-6a	0		100
Rh-101m(n,h)Tc-99m	TALYS-6a	0		41	Rh-102(n,2a)Nb-95m	TALYS-6a	0		100
Rh-101m(n,a)Tc-98	TALYS-6a	0	[2]	100	Rh-102(n,2p)Tc-101	TALYS-6a	0	[8]	42
Rh-101m(n,2a)Nb-94g	TALYS-6a	0		100	Rh-102(n,pa)Mo-98	TALYS-6a	0	[8]	60
Rh-101m(n,2a)Nb-94m	TALYS-6a	0		100	Rh-102(n,pd)Tc-100	TALYS-6a	0	[8]	30
Rh-101m(n,2p)Tc-100	TALYS-6a	0	[8]	41	Rh-102(n,pt)Tc-99g	TALYS-6a	0		29
Rh-101m(n,pa)Mo-97	TALYS-6a	0	[8]	55	Rh-102(n,pt)Tc-99m	TALYS-6a	0		29
Rh-101m(n,t2a)Zr-91	TALYS-6a	0	[8]	22	Rh-102(n,da)Mo-97	TALYS-6a	0	[8]	36
Rh-101m(n,d2a)Zr-92	TALYS-6a	0	[8]	24	Rh-102(n,5n)Rh-98g	TALYS-6a	0	[4]	13
Rh-101m(n,pd)Tc-99g	TALYS-6a	0		31	Rh-102(n,5n)Rh-98m	TALYS-6a	0	[4,7,8]	12
Rh-101m(n,pd)Tc-99m	TALYS-6a	0		31	Rh-102(n,6n)Rh-97g	TALYS-6a	0		9
Rh-101m(n,pt)Tc-98	TALYS-6a	0	[8]	28	Rh-102(n,6n)Rh-97m	TALYS-6a	0		9
Rh-101m(n,da)Mo-96	TALYS-6a	0	[8]	38	Rh-102(n,2nt)Ru-98	TALYS-6a	0	[8]	23
Rh-101m(n,5n)Rh-97g	TALYS-6a	0		13	Rh-102(n,ta)Mo-96	TALYS-6a	0	[8]	35
Rh-101m(n,5n)Rh-97m	TALYS-6a	0		13	Rh-102(n,4np)Ru-98	TALYS-6a	0		16
Rh-101m(n,6n)Rh-96g	TALYS-6a	0		7	Rh-102(n,3nd)Ru-98	TALYS-6a	0		18
Rh-101m(n,6n)Rh-96m	TALYS-6a	0		7	Rh-102(n,n'da)Mo-96	TALYS-6a	0		27
Rh-101m(n,2nt)Ru-97	TALYS-6a	0	[8]	21	Rh-102(n,2npa)Mo-96	TALYS-6a	0	[8]	25
Rh-101m(n,ta)Mo-95	TALYS-6a	0	[8]	32	Rh-102(n,5np)Ru-97	TALYS-6a	0		11
Rh-101m(n,4np)Ru-97	TALYS-6a	0		15	Rh-102(n,6np)Ru-96	TALYS-6a	0		7
Rh-101m(n,3nd)Ru-97	TALYS-6a	0		16	Rh-102(n,4na)Tc-95g	TALYS-6a	0		16
Rh-101m(n,n'da)Mo-95	TALYS-6a	0	[8]	25	Rh-102(n,4na)Tc-95m	TALYS-6a	0		16
Rh-101m(n,2npa)Mo-95	TALYS-6a	0	[8]	24	Rh-102(n,5na)Tc-94g	TALYS-6a	0		11
Rh-101m(n,5np)Ru-96	TALYS-6a	0		11	Rh-102(n,5na)Tc-94m	TALYS-6a	0		11

Reaction	Library			Value
Rh-102(n,6na)Tc-93g	TALYS-6a	0		7
Rh-102(n,6na)Tc-93m	TALYS-6a	0		6
Rh-102(n,4nd)Ru-97	TALYS-6a	0		12
Rh-102(n,5nd)Ru-96	TALYS-6a	0		8
Rh-102(n,3nt)Ru-97	TALYS-6a	0		15
Rh-102(n,4nt)Ru-96	TALYS-6a	0		11
Rh-102(n,5nt)Ru-95	TALYS-6	0	[8]	5
Rh-102(n,2nh)Tc-98	TALYS-6a	0	[8]	20
Rh-102(n,3nh)Tc-97g	TALYS-6a	0		15
Rh-102(n,3nh)Tc-97m	TALYS-6a	0		15
Rh-102(n,4nh)Tc-96g	TALYS-6a	0		10
Rh-102(n,4nh)Tc-96m	TALYS-6a	0		10
Rh-102(n,3n2p)Tc-98	TALYS-6a	0	[8]	15
Rh-102(n,3n2a)Nb-92g	TALYS-6a	0		16
Rh-102(n,3n2a)Nb-92m	TALYS-6a	0		16
Rh-102(n,3npa)Mo-95	TALYS-6a	0	[8]	16
Rh-102(n,dt)Tc-98	TALYS-6a	0	[8]	21
Rh-102(n,n'pd)Tc-99g	TALYS-6a	0		23
Rh-102(n,n'pd)Tc-99m	TALYS-6a	0		23
Rh-102(n,n'pt)Tc-98	TALYS-6a	0	[8]	20
Rh-102(n,n'dt)Tc-97g	TALYS-6a	0		15
Rh-102(n,n'dt)Tc-97m	TALYS-6a	0		15
Rh-102(n,n'ph)Mo-98	TALYS-6a	0	[8]	19
Rh-102(n,n'dh)Mo-97	TALYS-6a	0		14
Rh-102(n,n'ta)Mo-95	TALYS-6a	0	[8]	24
Rh-102(n,2n2p)Tc-99g	TALYS-6a	0		22
Rh-102(n,2n2p)Tc-99m	TALYS-6a	0		21
Rh-102(n,ph)Mo-99	TALYS-6a	0	[8]	24
Rh-102(n,ha)Nb-96	TALYS-6a	0	[8]	26
Rh-102(n,4n2p)Tc-97g	TALYS-6a	0		11
Rh-102(n,4n2p)Tc-97m	TALYS-6a	0		11
Rh-102(n,4n2a)Nb-91g	TALYS-6a	0		12
Rh-102(n,4n2a)Nb-91m	TALYS-6a	0		12
Rh-102(n,4npa)Mo-94	TALYS-6a	0	[8]	12
Rh-102(n,n'3p)Mo-99	TALYS-6a	0	[8]	17
Rh-102(n,3n2pa)Nb-94g	TALYS-6a	0		10
Rh-102(n,3n2pa)Nb-94m	TALYS-6a	0		10
Rh-102(n,5n2p)Tc-96g	TALYS-6a	0		6
Rh-102(n,5n2p)Tc-96m	TALYS-6a	0		6
Rh-102m(n,n')Rh-102g	TALYS-6a	0	[7,8]	97
Rh-102m(n,2nd)Ru-99	TALYS-6a	0	[8,7,8]	25
Rh-102m(n,2n)Rh-101g	TALYS-6a	0		49
Rh-102m(n,2n)Rh-101m	TALYS-6a	0		48
Rh-102m(n,3n)Rh-100g	TALYS-6a	0	[4,7,8]	29
Rh-102m(n,3n)Rh-100m	TALYS-6a	0	[4,7,8]	28
Rh-102m(n,n'a)Tc-98	TALYS-6a	0	[8,7,8]	59
Rh-102m(n,n'3a)Y-90g	TALYS-6a	0		21
Rh-102m(n,n'3a)Y-90m	TALYS-6a	0		21
Rh-102m(n,2na)Tc-97g	TALYS-6a	0		36
Rh-102m(n,2na)Tc-97m	TALYS-6a	0		36
Rh-102m(n,3na)Tc-96g	TALYS-6a	0		24
Rh-102m(n,3na)Tc-96m	TALYS-6a	0		24
Rh-102m(n,n'p)Ru-101	TALYS-6a	0	[8,7,8]	53
Rh-102m(n,n'2a)Nb-94g	TALYS-6a	0		35
Rh-102m(n,n'2a)Nb-94m	TALYS-6a	0		34
Rh-102m(n,2n2a)Nb-93g	TALYS-6a	0		26
Rh-102m(n,2n2a)Nb-93m	TALYS-6a	0		25
Rh-102m(n,n'd)Ru-100	TALYS-6a	0	[8,7,8]	38
Rh-102m(n,n't)Ru-99	TALYS-6a	0	[8,7,8]	31
Rh-102m(n,n'h)Tc-99g	TALYS-6a	0		29
Rh-102m(n,n'h)Tc-99m	TALYS-6a	0		29
Rh-102m(n,n'd2a)Zr-92	TALYS-6	0	[8,7,8]	16
Rh-102m(n,n't2a)Zr-91	TALYS-6	0	[8,7,8]	15
Rh-102m(n,4n)Rh-99g	TALYS-6a	0		21
Rh-102m(n,4n)Rh-99m	TALYS-6a	0		21
Rh-102m(n,2np)Ru-100	TALYS-6a	0	[8,7,8]	35
Rh-102m(n,3np)Ru-99	TALYS-6a	0		24
Rh-102m(n,n'2p)Tc-100	TALYS-6a	0	[8,7,8]	28
Rh-102m(n,n'pa)Mo-97	TALYS-6a	0	[8,7,8]	34
Rh-102m(n,g)Rh-103g	MASGAM	0	[14,13,4,6]	83
Rh-102m(n,g)Rh-103m	MASGAM	0	[14,13,4,6]	83
Rh-102m(n,p)Ru-102	TALYS-6a	0	[2]	100
Rh-102m(n,d)Ru-101	TALYS-6a	0	[8,7,8]	62
Rh-102m(n,t)Ru-100	TALYS-6a	0	[8,7,8]	57
Rh-102m(n,h)Tc-100	TALYS-6a	0	[8,7,8]	39
Rh-102m(n,a)Tc-99g	TALYS-6a	0	[2]	100
Rh-102m(n,a)Tc-99m	TALYS-6a	0	[2]	100
Rh-102m(n,2a)Nb-95g	TALYS-6a	0		100
Rh-102m(n,2a)Nb-95m	TALYS-6a	0		100
Rh-102m(n,2p)Tc-101	TALYS-6a	0	[8,7,8]	43
Rh-102m(n,pa)Mo-98	TALYS-6a	0	[8,7,8]	61
Rh-102m(n,pd)Tc-100	TALYS-6a	0	[8,7,8]	30
Rh-102m(n,pt)Tc-99g	TALYS-6a	0		30
Rh-102m(n,pt)Tc-99m	TALYS-6a	0		29
Rh-102m(n,da)Mo-97	TALYS-6a	0	[8,7,8]	37
Rh-102m(n,5n)Rh-98g	TALYS-6a	0	[4,7,8]	13
Rh-102m(n,5n)Rh-98m	TALYS-6a	0	[4,7,8]	12
Rh-102m(n,6n)Rh-97g	TALYS-6a	0		9
Rh-102m(n,6n)Rh-97m	TALYS-6a	0		9
Rh-102m(n,2nt)Ru-98	TALYS-6a	0	[8,7,8]	23
Rh-102m(n,ta)Mo-96	TALYS-6a	0	[8,7,8]	35
Rh-102m(n,4np)Ru-98	TALYS-6a	0		16
Rh-102m(n,3nd)Ru-98	TALYS-6a	0	[8,7,8]	18
Rh-102m(n,n'da)Mo-96	TALYS-6a	0	[8,7,8]	27
Rh-102m(n,2npa)Mo-96	TALYS-6a	0	[8,7,8]	25
Rh-102m(n,5np)Ru-97	TALYS-6a	0		11
Rh-102m(n,6np)Ru-96	TALYS-6a	0		7
Rh-102m(n,4na)Tc-95g	TALYS-6a	0		16
Rh-102m(n,4na)Tc-95m	TALYS-6a	0		16
Rh-102m(n,5na)Tc-94g	TALYS-6a	0		11
Rh-102m(n,5na)Tc-94m	TALYS-6a	0		11
Rh-102m(n,6na)Tc-93g	TALYS-6a	0		7
Rh-102m(n,6na)Tc-93m	TALYS-6a	0		6
Rh-102m(n,4nd)Ru-97	TALYS-6a	0		12
Rh-102m(n,5nd)Ru-96	TALYS-6a	0		8
Rh-102m(n,3nt)Ru-97	TALYS-6a	0	[8,7,8]	15
Rh-102m(n,4nt)Ru-96	TALYS-6a	0		11
Rh-102m(n,5nt)Ru-95	TALYS-6	0	[8,7,8]	5
Rh-102m(n,2nh)Tc-98	TALYS-6a	0	[8,7,8]	20

Reaction	Library			Value
Rh-102m(n,3nh)Tc-97g	TALYS-6a	0		15
Rh-102m(n,3nh)Tc-97m	TALYS-6a	0		15
Rh-102m(n,4nh)Tc-96g	TALYS-6a	0		10
Rh-102m(n,4nh)Tc-96m	TALYS-6a	0		10
Rh-102m(n,3n2p)Tc-98	TALYS-6a	0	[8,7,8]	15
Rh-102m(n,3n2a)Nb-92g	TALYS-6a	0		17
Rh-102m(n,3n2a)Nb-92m	TALYS-6a	0		16
Rh-102m(n,3npa)Mo-95	TALYS-6a	0	[8,7,8]	16
Rh-102m(n,dt)Tc-98	TALYS-6a	0	[8,7,8]	21
Rh-102m(n,n'pd)Tc-99g	TALYS-6a	0		23
Rh-102m(n,n'pd)Tc-99m	TALYS-6a	0		23
Rh-102m(n,n'pt)Tc-98	TALYS-6a	0	[8,7,8]	21
Rh-102m(n,n'dt)Tc-97g	TALYS-6a	0		15
Rh-102m(n,n'dt)Tc-97m	TALYS-6a	0		15
Rh-102m(n,n'ph)Mo-98	TALYS-6a	0	[8,7,8]	20
Rh-102m(n,n'dh)Mo-97	TALYS-6a	0	[8,7,8]	14
Rh-102m(n,n'ta)Mo-95	TALYS-6a	0	[8,7,8]	24
Rh-102m(n,2n2p)Tc-99g	TALYS-6a	0		22
Rh-102m(n,2n2p)Tc-99m	TALYS-6a	0		21
Rh-102m(n,ph)Mo-99	TALYS-6a	0	[8,7,8]	24
Rh-102m(n,ha)Nb-96	TALYS-6a	0	[8,7,8]	27
Rh-102m(n,4n2p)Tc-97g	TALYS-6a	0		11
Rh-102m(n,4n2p)Tc-97m	TALYS-6a	0		11
Rh-102m(n,4n2a)Nb-91g	TALYS-6a	0		13
Rh-102m(n,4n2a)Nb-91m	TALYS-6a	0		12
Rh-102m(n,4npa)Mo-94	TALYS-6a	0	[8,7,8]	12
Rh-102m(n,n'3p)Mo-99	TALYS-6a	0	[8,7,8]	17
Rh-102m(n,3n2pa)Nb-94g	TALYS-6a	0		10
Rh-102m(n,3n2pa)Nb-94m	TALYS-6a	0		10
Rh-102m(n,5n2p)Tc-96g	TALYS-6a	0		6
Rh-102m(n,5n2p)Tc-96m	TALYS-6a	0		6
Rh-103(n,n')Rh-103m	IRK	5	[13,8,7]	58
Rh-103(n,2nd)Ru-100	TALYS-6a	0	[8]	25
Rh-103(n,2n)Rh-102g	TALYS-5	5	[3]	43
Rh-103(n,2n)Rh-102m	TALYS-5	4	[3,7,8]	42
Rh-103(n,3n)Rh-101g	TALYS-6a	0		30
Rh-103(n,3n)Rh-101m	TALYS-5	5		29
Rh-103(n,n'a)Tc-99g	TALYS-6a	0		56
Rh-103(n,n'a)Tc-99m	TALYS-6a	0	[3]	56
Rh-103(n,2na)Tc-98	TALYS-6a	0	[8]	32
Rh-103(n,3na)Tc-97g	TALYS-6a	0		24
Rh-103(n,3na)Tc-97m	TALYS-6a	0		24
Rh-103(n,n'p)Ru-102	TALYS-6a	0	[8]	51
Rh-103(n,n'2a)Nb-95g	TALYS-6a	0		32
Rh-103(n,n'2a)Nb-95m	TALYS-6a	0		31
Rh-103(n,2n2a)Nb-94g	TALYS-6a	0		23
Rh-103(n,2n2a)Nb-94m	TALYS-6a	0		22
Rh-103(n,n'd)Ru-101	TALYS-6a	0	[8]	33
Rh-103(n,n't)Ru-100	TALYS-6a	0	[8]	31
Rh-103(n,n'h)Tc-100	TALYS-6a	0	[8]	26
Rh-103(n,n'd2a)Zr-93	TALYS-6a	0	[8]	15
Rh-103(n,n't2a)Zr-92	TALYS-6a	0	[8]	14
Rh-103(n,4n)Rh-100g	TALYS-6a	0	[4]	20
Rh-103(n,4n)Rh-100m	TALYS-6a	0	[4,7,8]	18
Rh-103(n,2np)Ru-101	TALYS-6a	0	[8]	30
Rh-103(n,3np)Ru-100	TALYS-6a	0	[8]	23
Rh-103(n,n'2p)Tc-101	TALYS-6a	0	[8]	27
Rh-103(n,n'pa)Mo-98	TALYS-6a	0	[8]	31
Rh-103(n,g)Rh-104g	JEF-2.2	5	[14,13,4,6]	21095
Rh-103(n,g)Rh-104m	JEF-2.2	5	[14,13,4,6]	21095
Rh-103(n,p)Ru-103	TALYS-5	5	[3]	100
Rh-103(n,d)Ru-102	TALYS-6a	0	[8]	61
Rh-103(n,t)Ru-101	JEF-2.2	2	[13,3,7,8]	57
Rh-103(n,h)Tc-101	TALYS-6a	1	[8]	37
Rh-103(n,a)Tc-100	TALYS-5	2	[9,3]	21078
Rh-103(n,2a)Nb-96	TALYS-6a	0		100
Rh-103(n,2p)Tc-102g	TALYS-6a	0	[4,8]	36
Rh-103(n,2p)Tc-102m	TALYS-6a	0	[4,7,8,8]	35
Rh-103(n,pa)Mo-99	TALYS-6a	0	[8]	43
Rh-103(n,pd)Tc-101	TALYS-6a	0	[8]	29
Rh-103(n,pt)Tc-100	TALYS-6a	0	[8]	26
Rh-103(n,da)Mo-98	TALYS-6a	0	[8]	34
Rh-103(n,5n)Rh-99g	TALYS-6a	0		14
Rh-103(n,5n)Rh-99m	TALYS-6a	0		14
Rh-103(n,6n)Rh-98g	TALYS-6a	0	[4]	9
Rh-103(n,6n)Rh-98m	TALYS-6a	0	[4,7,8]	8
Rh-103(n,2nt)Ru-99	TALYS-6a	0	[8]	21
Rh-103(n,ta)Mo-97	TALYS-6a	0	[8]	30
Rh-103(n,4np)Ru-99	TALYS-6a	0		15
Rh-103(n,3nd)Ru-99	TALYS-6a	0	[8]	16
Rh-103(n,n'da)Mo-97	TALYS-6a	0	[8]	24
Rh-103(n,2npa)Mo-97	TALYS-6a	0	[8]	22
Rh-103(n,5np)Ru-98	TALYS-6a	0	[8]	11
Rh-103(n,6np)Ru-97	TALYS-6a	0		6
Rh-103(n,4na)Tc-96g	TALYS-6a	0		15
Rh-103(n,4na)Tc-96m	TALYS-6a	0		15
Rh-103(n,5na)Tc-95g	TALYS-6a	0		11
Rh-103(n,5na)Tc-95m	TALYS-6a	0		11
Rh-103(n,6na)Tc-94g	TALYS-6a	0		6
Rh-103(n,6na)Tc-94m	TALYS-6a	0		6
Rh-103(n,4nd)Ru-98	TALYS-6a	0	[8]	12
Rh-103(n,5nd)Ru-97	TALYS-6a	0	[8]	7
Rh-103(n,3nt)Ru-98	TALYS-6a	0	[8]	15
Rh-103(n,4nt)Ru-97	TALYS-6a	0	[8]	10
Rh-103(n,5nt)Ru-96	TALYS-6a	0	[8]	6
Rh-103(n,2nh)Tc-99g	TALYS-6a	0		20
Rh-103(n,2nh)Tc-99m	TALYS-6a	0		19
Rh-103(n,3nh)Tc-98	TALYS-6a	0	[8]	14
Rh-103(n,4nh)Tc-97g	TALYS-6a	0		10
Rh-103(n,4nh)Tc-97m	TALYS-6a	0		10
Rh-103(n,3n2p)Tc-99g	TALYS-6a	0		14
Rh-103(n,3n2p)Tc-99m	TALYS-6a	0		14
Rh-103(n,3n2a)Nb-93g	TALYS-6a	0		16
Rh-103(n,3n2a)Nb-93m	TALYS-6a	0		16
Rh-103(n,3npa)Mo-96	TALYS-6a	0	[8]	16
Rh-103(n,dt)Tc-99g	TALYS-6a	0		21

Reaction	Library			
Rh-103(n,dt)Tc-99m	TALYS-6a	0		20
Rh-103(n,n'pd)Tc-100	TALYS-6a	0	[8]	20
Rh-103(n,n'pt)Tc-99g	TALYS-6a	0		20
Rh-103(n,n'pt)Tc-99m	TALYS-6a	0		19
Rh-103(n,n'dt)Tc-98	TALYS-6a	0	[8]	14
Rh-103(n,n'ph)Mo-99	TALYS-6a	0	[8]	16
Rh-103(n,n'dh)Mo-98	TALYS-6a	0	[8]	13
Rh-103(n,n'ta)Mo-96	TALYS-6a	0	[8]	23
Rh-103(n,2n2p)Tc-100	TALYS-6a	0	[8]	19
Rh-103(n,4n2p)Tc-98	TALYS-6a	0	[8]	10
Rh-103(n,4n2a)Nb-92g	TALYS-6a	0		11
Rh-103(n,4n2a)Nb-92m	TALYS-6a	0		11
Rh-103(n,4npa)Mo-95	TALYS-6a	0	[8]	11
Rh-103(n,n'3p)Mo-100	TALYS-6a	0	[8]	16
Rh-103(n,3n2pa)Nb-95g	TALYS-6a	0		9
Rh-103(n,3n2pa)Nb-95m	TALYS-6a	0		9
Rh-103(n,5n2p)Tc-97g	TALYS-6a	0		6
Rh-103(n,5n2p)Tc-97m	TALYS-6a	0		6
Rh-105(n,n')Rh-105m	TALYS-6a	0		89
Rh-105(n,2nd)Ru-102	TALYS-6a	0	[8]	25
Rh-105(n,2n)Rh-104g	TALYS-6a	0		43
Rh-105(n,2n)Rh-104m	TALYS-6a	0		43
Rh-105(n,3n)Rh-103g	TALYS-6a	0		30
Rh-105(n,3n)Rh-103m	TALYS-6a	0		30
Rh-105(n,n'a)Tc-101	TALYS-6a	0	[8]	52
Rh-105(n,2na)Tc-100	TALYS-6a	0	[8]	31
Rh-105(n,3na)Tc-99g	TALYS-6a	0		24
Rh-105(n,3na)Tc-99m	TALYS-6a	0		24
Rh-105(n,n'p)Ru-104	TALYS-6a	0	[8]	47
Rh-105(n,n'2a)Nb-97g	TALYS-6a	0		30
Rh-105(n,n'2a)Nb-97m	TALYS-6a	0		29
Rh-105(n,2n2a)Nb-96	TALYS-6a	0	[8]	22
Rh-105(n,n'd)Ru-103	TALYS-6a	0	[8]	32
Rh-105(n,n't)Ru-102	TALYS-6a	0	[8]	31
Rh-105(n,n'h)Tc-102g	TALYS-6a	0	[4,8]	25
Rh-105(n,n'h)Tc-102m	TALYS-6a	0	[4,7,8,8]	24
Rh-105(n,4n)Rh-102g	TALYS-6a	0		21
Rh-105(n,4n)Rh-102m	TALYS-6a	0		21
Rh-105(n,2np)Ru-103	TALYS-6a	0		30
Rh-105(n,3np)Ru-102	TALYS-6a	0		24
Rh-105(n,n'2p)Tc-103	TALYS-6a	0	[8]	25
Rh-105(n,n'pa)Mo-100	TALYS-6a	0	[8]	29
Rh-105(n,g)Rh-106g	TALYS-6	2		100
Rh-105(n,g)Rh-106m	TALYS-6	2		100
Rh-105(n,p)Ru-105	TALYS-6a	0	[2,8]	77
Rh-105(n,d)Ru-104	TALYS-6a	0	[8]	57
Rh-105(n,t)Ru-103	TALYS-6a	0	[8]	44
Rh-105(n,h)Tc-103	TALYS-6a	0	[8]	34
Rh-105(n,a)Tc-102g	TALYS-6a	0	[4,2]	100
Rh-105(n,a)Tc-102m	TALYS-6a	0	[4,7,2]	100
Rh-105(n,2a)Nb-98g	TALYS-6a	0		39
Rh-105(n,2a)Nb-98m	TALYS-6a	0		40
Rh-105(n,2p)Tc-104	TALYS-6a	0	[8]	31
Rh-105(n,pa)Mo-101	TALYS-6a	0	[8]	37
Rh-105(n,pd)Tc-103	TALYS-6a	0	[8]	27
Rh-105(n,pt)Tc-102g	TALYS-6a	0	[4,8]	25
Rh-105(n,pt)Tc-102m	TALYS-6a	0	[4,7,8,8]	24
Rh-105(n,da)Mo-100	TALYS-6a	0	[8]	31
Rh-105(n,5n)Rh-101g	TALYS-6a	0		15
Rh-105(n,5n)Rh-101m	TALYS-6a	0		15
Rh-105(n,6n)Rh-100g	TALYS-6a	0	[4]	10
Rh-105(n,6n)Rh-100m	TALYS-6a	0	[4,7,8]	9
Rh-105(n,2nt)Ru-101	TALYS-6a	0	[8]	22
Rh-105(n,ta)Mo-99	TALYS-6a	0	[8]	28
Rh-105(n,4np)Ru-101	TALYS-6a	0	[8]	15
Rh-105(n,3nd)Ru-101	TALYS-6a	0	[8]	16
Rh-105(n,n'da)Mo-99	TALYS-6a	0	[8]	22
Rh-105(n,2npa)Mo-99	TALYS-6a	0	[8]	21
Rh-105(n,7n)Rh-99g	TALYS-6a	0		6
Rh-105(n,7n)Rh-99m	TALYS-6a	0		6
Rh-105(n,5np)Ru-100	TALYS-6a	0		12
Rh-105(n,6np)Ru-99	TALYS-6a	0		7
Rh-105(n,4na)Tc-98	TALYS-6a	0	[8]	16
Rh-105(n,5na)Tc-97g	TALYS-6a	0		12
Rh-105(n,5na)Tc-97m	TALYS-6a	0		12
Rh-105(n,6na)Tc-96g	TALYS-6a	0		7
Rh-105(n,6na)Tc-96m	TALYS-6a	0		7
Rh-105(n,4nd)Ru-100	TALYS-6a	0		13
Rh-105(n,5nd)Ru-99	TALYS-6a	0		8
Rh-105(n,3nt)Ru-100	TALYS-6a	0		16
Rh-105(n,4nt)Ru-99	TALYS-6a	0	[8]	11
Rh-105(n,5nt)Ru-98	TALYS-6a	0	[8]	7
Rh-105(n,2nh)Tc-101	TALYS-6a	0	[8]	19
Rh-105(n,3nh)Tc-100	TALYS-6a	0	[8]	13
Rh-105(n,4nh)Tc-99g	TALYS-6a	0		10
Rh-105(n,4nh)Tc-99m	TALYS-6a	0		10
Rh-105(n,3n2p)Tc-101	TALYS-6a	0	[8]	14
Rh-105(n,3n2a)Nb-95g	TALYS-6a	0		15
Rh-105(n,3n2a)Nb-95m	TALYS-6a	0		15
Rh-105(n,3npa)Mo-98	TALYS-6a	0	[8]	16
Rh-105(n,n'pd)Tc-102g	TALYS-6a	0	[4,8]	19
Rh-105(n,n'pd)Tc-102m	TALYS-6a	0	[4,7,8,8]	18
Rh-105(n,n'pt)Tc-101	TALYS-6a	0		19
Rh-105(n,n'dt)Tc-100	TALYS-6a	0	[8]	14
Rh-105(n,n'ph)Mo-101	TALYS-6a	0	[8]	14
Rh-105(n,n'ta)Mo-98	TALYS-6a	0	[8]	22
Rh-105(n,2n2p)Tc-102g	TALYS-6a	0	[4,8]	17
Rh-105(n,2n2p)Tc-102m	TALYS-6a	0	[4,7,8,8]	17
Rh-105(n,4n2p)Tc-100	TALYS-6a	0	[8]	10
Rh-105(n,4n2a)Nb-94g	TALYS-6a	0		11
Rh-105(n,4n2a)Nb-94m	TALYS-6a	0		11
Rh-105(n,4npa)Mo-97	TALYS-6a	0	[8]	11
Rh-105(n,5n2p)Tc-99g	TALYS-6a	0		6
Rh-105(n,5n2p)Tc-99m	TALYS-6a	0		6
Pd-100(n,2nd)Rh-97g	TALYS-6a	0		21
Pd-100(n,2nd)Rh-97m	TALYS-6a	0		21
Pd-100(n,2n)Pd-99	TALYS-6a	0		39
Pd-100(n,3n)Pd-98	TALYS-6a	0		26
Pd-100(n,n'a)Ru-96	TALYS-6a	0	[8]	64
Pd-100(n,n'3a)Zr-88	TALYS-6a	0	[8]	20
Pd-100(n,2na)Ru-95	TALYS-6a	0	[8]	31
Pd-100(n,3na)Ru-94	TALYS-6a	0	[8]	22
Pd-100(n,n'p)Rh-99g	TALYS-6a	0		48
Pd-100(n,n'p)Rh-99m	TALYS-6a	0		47
Pd-100(n,n'2a)Mo-92	TALYS-6a	0	[8]	40
Pd-100(n,2n2a)Mo-91g	TALYS-6a	0		22
Pd-100(n,2n2a)Mo-91m	TALYS-6a	0		21
Pd-100(n,n'd)Rh-98g	TALYS-6a	0	[4,8]	30
Pd-100(n,n'd)Rh-98m	TALYS-6a	0	[4,7,8,8]	29
Pd-100(n,n't)Rh-97g	TALYS-6a	0		27
Pd-100(n,n't)Rh-97m	TALYS-6a	0		27
Pd-100(n,n'h)Ru-97	TALYS-6a	0	[8]	29
Pd-100(n,n'd2a)Nb-90g	TALYS-6a	0	[4]	14
Pd-100(n,n'd2a)Nb-90m	TALYS-6a	0	[4,7,8]	14
+Pd-100(n,n'd2a)Nb-90n	TALYS-6a	0	[4,7,8]	13
Pd-100(n,n't2a)Nb-89g	TALYS-6a	0		11
Pd-100(n,n't2a)Nb-89m	TALYS-6a	0		11
Pd-100(n,4n)Pd-97	TALYS-6a	0		16
Pd-100(n,2np)Rh-98g	TALYS-6a	0	[4,8]	28
Pd-100(n,2np)Rh-98m	TALYS-6a	0	[4,7,8,8]	27
Pd-100(n,3np)Rh-97g	TALYS-6a	0		20
Pd-100(n,3np)Rh-97m	TALYS-6a	0		20
Pd-100(n,n'2p)Ru-98	TALYS-6a	0	[8]	34
Pd-100(n,n'pa)Tc-95g	TALYS-6a	0		34
Pd-100(n,n'pa)Tc-95m	TALYS-6a	0		34
>Pd-100(n,g)Pd-101	TALYS-6a	0	[2]	100
Pd-100(n,p)Rh-100g	TALYS-6a	0	[4,2]	100
Pd-100(n,p)Rh-100m	TALYS-6a	0	[7,4,7,2]	100
Pd-100(n,d)Rh-99g	TALYS-6a	0		58
Pd-100(n,d)Rh-99m	TALYS-6a	0		57
Pd-100(n,t)Rh-98g	TALYS-6a	0	[4,8]	41
Pd-100(n,t)Rh-98m	TALYS-6a	0	[4,7,8,8]	40
Pd-100(n,h)Ru-98	TALYS-6a	0	[8]	52
Pd-100(n,a)Ru-97	TALYS-6a	0	[2]	100
Pd-100(n,2a)Mo-93g	TALYS-6a	0	[4]	100
Pd-100(n,2a)Mo-93m	TALYS-6a	0	[7,4,7]	100
Pd-100(n,3a)Zr-89g	TALYS-6a	0		100
Pd-100(n,3a)Zr-89m	TALYS-6a	0		29
Pd-100(n,2p)Ru-99	TALYS-6a	0	[8]	56
Pd-100(n,pa)Tc-96g	TALYS-6a	0		57
Pd-100(n,pa)Tc-96m	TALYS-6a	0		57
>Pd-100(n,t2a)Nb-90g	TALYS-6a	0	[4]	18
>Pd-100(n,t2a)Nb-90m	TALYS-6a	0	[4,7,8]	17
+Pd-100(n,t2a)Nb-90n	TALYS-6a	0	[4,7,8]	17
Pd-100(n,d2a)Nb-91g	TALYS-6a	0		25
Pd-100(n,d2a)Nb-91m	TALYS-6a	0		25
Pd-100(n,pd)Ru-98	TALYS-6a	0	[8]	37
Pd-100(n,pt)Ru-97	TALYS-6a	0	[8]	30
Pd-100(n,da)Tc-95g	TALYS-6a	0		37
Pd-100(n,da)Tc-95m	TALYS-6a	0		36
Pd-100(n,5n)Pd-96	TALYS-6a	0		11
Pd-100(n,2nt)Rh-96g	TALYS-6a	0		16
Pd-100(n,2nt)Rh-96m	TALYS-6a	0		16
Pd-100(n,ta)Tc-94g	TALYS-6a	0		30
Pd-100(n,ta)Tc-94m	TALYS-6a	0		30
Pd-100(n,4np)Rh-96g	TALYS-6a	0		13
Pd-100(n,4np)Rh-96m	TALYS-6a	0		13
Pd-100(n,3nd)Rh-96g	TALYS-6a	0		13
Pd-100(n,3nd)Rh-96m	TALYS-6a	0		13
Pd-100(n,n'da)Tc-94g	TALYS-6a	0		24
Pd-100(n,n'da)Tc-94m	TALYS-6a	0		24
Pd-100(n,2npa)Tc-94g	TALYS-6a	0		23
Pd-100(n,2npa)Tc-94m	TALYS-6a	0		22
Pd-100(n,5np)Rh-95g	TALYS-6a	0		8
Pd-100(n,5np)Rh-95m	TALYS-6a	0		8
Pd-100(n,4na)Ru-93g	TALYS-6a	0		12
Pd-100(n,4na)Ru-93m	TALYS-6a	0		12
Pd-100(n,4nd)Rh-95g	TALYS-6a	0		9
Pd-100(n,4nd)Rh-95m	TALYS-6a	0		8
Pd-100(n,3nt)Rh-95g	TALYS-6a	0		12
Pd-100(n,3nt)Rh-95m	TALYS-6a	0		11
Pd-100(n,2nh)Ru-96	TALYS-6a	0	[8]	21
Pd-100(n,3nh)Ru-95	TALYS-6a	0	[8]	14
Pd-100(n,4nh)Ru-94	TALYS-6a	0	[8]	9
Pd-100(n,3n2p)Ru-96	TALYS-6a	0	[8]	15
Pd-100(n,3n2a)Mo-90	TALYS-6a	0	[8]	13
Pd-100(n,3npa)Tc-93g	TALYS-6a	0		15
Pd-100(n,3npa)Tc-93m	TALYS-6a	0		15
Pd-100(n,dt)Ru-96	TALYS-6a	0	[8]	23
Pd-100(n,n'pd)Ru-97	TALYS-6a	0	[8]	24
Pd-100(n,n'pt)Ru-96	TALYS-6a	0	[8]	22
Pd-100(n,n'dt)Ru-95	TALYS-6a	0	[8]	14
Pd-100(n,n'ph)Tc-96g	TALYS-6a	0		19
Pd-100(n,n'ph)Tc-96m	TALYS-6a	0		19
Pd-100(n,n'dh)Tc-95g	TALYS-6a	0		14
Pd-100(n,n'dh)Tc-95m	TALYS-6a	0		14
Pd-100(n,n'th)Tc-94g	TALYS-6a	0		12
Pd-100(n,n'th)Tc-94m	TALYS-6a	0		12
Pd-100(n,n'ta)Tc-93g	TALYS-6a	0		21
Pd-100(n,n'ta)Tc-93m	TALYS-6a	0		20
Pd-100(n,2n2p)Ru-97	TALYS-6a	0	[8]	22
Pd-100(n,ph)Tc-97g	TALYS-6a	0		29
Pd-100(n,ph)Tc-97m	TALYS-6a	0		29
Pd-100(n,dh)Tc-96g	TALYS-6a	0		19
Pd-100(n,dh)Tc-96m	TALYS-6a	0		19
Pd-100(n,ha)Mo-94	TALYS-6a	0	[8]	31
Pd-100(n,4n2p)Ru-95	TALYS-6a	0	[8]	10
Pd-100(n,4npa)Tc-92	TALYS-6a	0	[8]	8
Pd-100(n,3p)Tc-98	TALYS-6a	0	[8]	29
Pd-100(n,n'3p)Tc-97g	TALYS-6a	0		22
Pd-100(n,n'3p)Tc-97m	TALYS-6a	0		21
Pd-100(n,3n2pa)Mo-92	TALYS-6a	0	[8]	11
Pd-101(n,2nd)Rh-98g	TALYS-6a	0	[4,8]	22
Pd-101(n,2nd)Rh-98m	TALYS-6a	0	[4,7,8,8]	21
Pd-101(n,2n)Pd-100	TALYS-6a	0		45
Pd-101(n,3n)Pd-99	TALYS-6a	0		27
Pd-101(n,n'a)Ru-97	TALYS-6a	0	[8]	62
Pd-101(n,n'3a)Zr-89g	TALYS-6a	0		21

Pd-101(n,n'3a)Zr-89m	TALYS-6a	0		20	Pd-102(n,2nd)Rh-99g	TALYS-6a	0		22
Pd-101(n,2na)Ru-96	TALYS-6a	0 [8]		36	Pd-102(n,2nd)Rh-99m	TALYS-6a	0		22
Pd-101(n,3na)Ru-95	TALYS-6a	0 [8]		23	Pd-102(n,2n)Pd-101	ADL-3	4 [13,3]		44
Pd-101(n,n'p)Rh-100g	TALYS-6a	0 [4,8]		47	Pd-102(n,3n)Pd-100	TALYS-6a	0		27
Pd-101(n,n'p)Rh-100m	TALYS-6a	0 [4,7,8,8]		46	Pd-102(n,n'a)Ru-98	TALYS-6a	0 [8]		61
Pd-101(n,n'2a)Mo-93g	TALYS-6a	0 [4,8]		39	Pd-102(n,n'3a)Zr-90g	TALYS-6a	0		23
Pd-101(n,n'2a)Mo-93m	TALYS-6a	0 [4,7,8,8]		38	Pd-102(n,n'3a)Zr-90m	TALYS-6a	0		21
Pd-101(n,2n2a)Mo-92	TALYS-6a	0 [8]		27	Pd-102(n,2na)Ru-97	TALYS-6a	0 [8]		31
Pd-101(n,n'd)Rh-99g	TALYS-6a	0		33	Pd-102(n,3na)Ru-96	TALYS-6a	0 [8]		23
Pd-101(n,n'd)Rh-99m	TALYS-6a	0		33	Pd-102(n,n'p)Rh-101g	TALYS-6a	0		45
Pd-101(n,n't)Rh-98g	TALYS-6a	0 [4,8]		28	Pd-102(n,n'p)Rh-101m	TALYS-6a	0		44
Pd-101(n,n't)Rh-98m	TALYS-6a	0 [4,7,8,8]		27	Pd-102(n,n'2a)Mo-94	TALYS-6a	0 [8]		36
Pd-101(n,n'h)Ru-98	TALYS-6a	0 [8]		31	Pd-102(n,2n2a)Mo-93g	TALYS-6a	0 [4,8]		24
Pd-101(n,n'd2a)Nb-91g	TALYS-6a	0		16	Pd-102(n,2n2a)Mo-93m	TALYS-6a	0 [4,7,8,8]		23
Pd-101(n,n'd2a)Nb-91m	TALYS-6a	0		16	Pd-102(n,n'd)Rh-100g	TALYS-6a	0 [4,8]		30
Pd-101(n,n't2a)Nb-90g	TALYS-6a	0 [4]		13	Pd-102(n,n'd)Rh-100m	TALYS-6a	0 [4,7,8,8]		29
Pd-101(n,n't2a)Nb-90m	TALYS-6a	0 [4,7,8]		12	Pd-102(n,n't)Rh-99g	TALYS-6a	0		28
+Pd-101(n,n't2a)Nb-90n	TALYS-6a	0 [4,7,8]		12	Pd-102(n,n't)Rh-99m	TALYS-6a	0		28
Pd-101(n,4n)Pd-98	TALYS-6a	0		18	Pd-102(n,n'h)Ru-99	TALYS-6a	0 [8]		28
Pd-101(n,2np)Rh-99g	TALYS-6a	0		31	Pd-102(n,n'd2a)Nb-92g	TALYS-6a	0		15
Pd-101(n,2np)Rh-99m	TALYS-6a	0		31	Pd-102(n,n'd2a)Nb-92m	TALYS-6a	0		15
Pd-101(n,3np)Rh-98g	TALYS-6a	0 [4,8]		20	Pd-102(n,n't2a)Nb-91g	TALYS-6a	0		14
Pd-101(n,3np)Rh-98m	TALYS-6a	0 [4,7,8,8]		18	Pd-102(n,n't2a)Nb-91m	TALYS-6a	0		13
Pd-101(n,n'2p)Ru-99	TALYS-6a	0 [8]		32	Pd-102(n,4n)Pd-99	TALYS-6a	0		16
Pd-101(n,n'pa)Tc-96g	TALYS-6a	0		33	Pd-102(n,2np)Rh-100g	TALYS-6a	0 [4,8]		28
Pd-101(n,n'pa)Tc-96m	TALYS-6a	0		33	Pd-102(n,2np)Rh-100m	TALYS-6a	0 [4,7,8,8]		27
Pd-101(n,g)Pd-102	MASGAM	0 [14,13]		83	Pd-102(n,3np)Rh-99g	TALYS-6a	0		20
Pd-101(n,p)Rh-101g	TALYS-6a	0 [2]		100	Pd-102(n,3np)Rh-99m	TALYS-6a	0		20
Pd-101(n,p)Rh-101m	TALYS-6a	0 [2]		100	Pd-102(n,n'2p)Ru-100	TALYS-6a	0 [8]		31
Pd-101(n,d)Rh-100g	TALYS-6a	0 [4,8]		56	Pd-102(n,n'pa)Tc-97g	TALYS-6a	0		31
Pd-101(n,d)Rh-100m	TALYS-6a	0 [4,7,8,8]		55	Pd-102(n,n'pa)Tc-97m	TALYS-6a	0		31
Pd-101(n,t)Rh-99g	TALYS-6a	0		45	>Pd-102(n,g)Pd-103	ENDF/B-VII	2 [13]		1891
Pd-101(n,t)Rh-99m	TALYS-6a	0		45	Pd-102(n,p)Rh-102g	TALYS-6	2 [3]		82
Pd-101(n,h)Ru-99	TALYS-6a	0 [8]		47	Pd-102(n,p)Rh-102m	TALYS-6	2 [3,7,8]		80
Pd-101(n,a)Ru-98	TALYS-6a	0 [2]		100	Pd-102(n,d)Rh-101g	TALYS-6a	0		53
Pd-101(n,2a)Mo-94	TALYS-6a	0		100	Pd-102(n,d)Rh-101m	TALYS-6a	0		52
Pd-101(n,3a)Zr-90g	TALYS-6a	0		100	Pd-102(n,t)Rh-100g	TALYS-6a	0 [4,8]		40
Pd-101(n,3a)Zr-90m	TALYS-6a	0		100	Pd-102(n,t)Rh-100m	TALYS-6a	0 [4,7,8,8]		39
Pd-101(n,2p)Ru-100	TALYS-6a	0 [8]		62	Pd-102(n,h)Ru-100	TALYS-6a	0 [8]		44
Pd-101(n,pa)Tc-97g	TALYS-6a	0		100	Pd-102(n,a)Ru-99	TALYS-6a	0 [9,2,3]		814
Pd-101(n,pa)Tc-97m	TALYS-6a	0		100	Pd-102(n,2a)Mo-95	TALYS-6a	0		100
Pd-101(n,t2a)Nb-91g	TALYS-6a	0		22	Pd-102(n,3a)Zr-91	TALYS-6a	0		100
Pd-101(n,t2a)Nb-91m	TALYS-6a	0		22	Pd-102(n,2p)Ru-101	TALYS-6a	0 [8]		44
Pd-101(n,d2a)Nb-92g	TALYS-6a	0		25	Pd-102(n,pa)Tc-98	TALYS-6a	0 [8]		45
Pd-101(n,d2a)Nb-92m	TALYS-6a	0		24	Pd-102(n,t2a)Nb-92g	TALYS-6a	0		19
Pd-101(n,pd)Ru-99	TALYS-6a	0 [8]		36	Pd-102(n,t2a)Nb-92m	TALYS-6a	0		19
Pd-101(n,pt)Ru-98	TALYS-6a	0 [8]		32	Pd-102(n,d2a)Nb-93g	TALYS-6a	0		22
Pd-101(n,da)Tc-96g	TALYS-6a	0		36	Pd-102(n,d2a)Nb-93m	TALYS-6a	0		22
Pd-101(n,da)Tc-96m	TALYS-6a	0		35	Pd-102(n,pd)Ru-100	TALYS-6a	0 [8]		34
Pd-101(n,5n)Pd-97	TALYS-6a	0		11	Pd-102(n,pt)Ru-99	TALYS-6a	0 [8]		29
Pd-101(n,6n)Pd-96	TALYS-6a	0		6	Pd-102(n,da)Tc-97g	TALYS-6a	0		33
Pd-101(n,2nt)Rh-97g	TALYS-6a	0		19	Pd-102(n,da)Tc-97m	TALYS-6a	0		33
Pd-101(n,2nt)Rh-97m	TALYS-6a	0		19	Pd-102(n,5n)Pd-98	TALYS-6a	0		12
Pd-101(n,ta)Tc-95g	TALYS-6a	0		32	Pd-102(n,6n)Pd-97	TALYS-6a	0		6
Pd-101(n,ta)Tc-95m	TALYS-6a	0		31	Pd-102(n,2nt)Rh-98g	TALYS-6a	0 [4,8]		17
Pd-101(n,4np)Rh-97g	TALYS-6a	0		14	Pd-102(n,2nt)Rh-98m	TALYS-6a	0 [4,7,8,8]		16
Pd-101(n,4np)Rh-97m	TALYS-6a	0		14	Pd-102(n,ta)Tc-96g	TALYS-6a	0		29
Pd-101(n,3nd)Rh-97g	TALYS-6a	0		15	Pd-102(n,ta)Tc-96m	TALYS-6a	0		29
Pd-101(n,3nd)Rh-97m	TALYS-6a	0		15	Pd-102(n,4np)Rh-98g	TALYS-6a	0 [4]		13
Pd-101(n,n'da)Tc-95g	TALYS-6a	0		26	Pd-102(n,4np)Rh-98m	TALYS-6a	0 [4,7,8]		12
Pd-101(n,n'da)Tc-95m	TALYS-6a	0		25	Pd-102(n,3nd)Rh-98g	TALYS-6a	0 [4]		14
Pd-101(n,2npa)Tc-95g	TALYS-6a	0		24	Pd-102(n,3nd)Rh-98m	TALYS-6a	0 [4,7,8]		13
Pd-101(n,2npa)Tc-95m	TALYS-6a	0		24	Pd-102(n,n'da)Tc-96g	TALYS-6a	0		23
Pd-101(n,5np)Rh-96g	TALYS-6a	0		9	Pd-102(n,n'da)Tc-96m	TALYS-6a	0		23
Pd-101(n,5np)Rh-96m	TALYS-6a	0		8	Pd-102(n,2npa)Tc-96g	TALYS-6a	0		21
Pd-101(n,4na)Ru-94	TALYS-6a	0 [8]		15	Pd-102(n,2npa)Tc-96m	TALYS-6a	0		21
Pd-101(n,5na)Ru-93g	TALYS-6a	0		8	Pd-102(n,5np)Rh-97g	TALYS-6a	0		9
Pd-101(n,5na)Ru-93m	TALYS-6a	0		8	Pd-102(n,5np)Rh-97m	TALYS-6a	0		9
Pd-101(n,4nd)Rh-96g	TALYS-6a	0		9	Pd-102(n,4na)Ru-95	TALYS-6a	0 [8]		14
Pd-101(n,4nd)Rh-96m	TALYS-6a	0		9	Pd-102(n,5na)Ru-94	TALYS-6a	0 [8]		10
Pd-101(n,3nt)Rh-96g	TALYS-6a	0		12	Pd-102(n,4nd)Rh-97g	TALYS-6a	0		10
Pd-101(n,3nt)Rh-96m	TALYS-6a	0		12	Pd-102(n,4nd)Rh-97m	TALYS-6a	0		9
Pd-101(n,4nt)Rh-95g	TALYS-6a	0		7	Pd-102(n,3nt)Rh-97g	TALYS-6a	0		12
Pd-101(n,4nt)Rh-95m	TALYS-6a	0		7	Pd-102(n,3nt)Rh-97m	TALYS-6a	0		12
Pd-101(n,2nh)Ru-97	TALYS-6a	0 [8]		21	Pd-102(n,4nt)Rh-96g	TALYS-6a	0		7
Pd-101(n,3nh)Ru-96	TALYS-6a	0 [8]		15	Pd-102(n,4nt)Rh-96m	TALYS-6a	0		7
Pd-101(n,4nh)Ru-95	TALYS-6a	0 [8]		9	Pd-102(n,2nh)Ru-98	TALYS-6a	0 [8]		20
Pd-101(n,3n2p)Ru-97	TALYS-6a	0 [8]		15	Pd-102(n,3nh)Ru-97	TALYS-6a	0 [8]		14
Pd-101(n,3n2a)Mo-91g	TALYS-6a	0		15	Pd-102(n,4nh)Ru-96	TALYS-6a	0 [8]		9
Pd-101(n,3n2a)Mo-91m	TALYS-6a	0		14	Pd-102(n,3n2p)Ru-98	TALYS-6a	0 [8]		15
Pd-101(n,3npa)Tc-94g	TALYS-6a	0		15	Pd-102(n,3n2a)Mo-92	TALYS-6a	0 [8]		16
Pd-101(n,3npa)Tc-94m	TALYS-6a	0		15	Pd-102(n,3npa)Tc-95g	TALYS-6a	0		15
Pd-101(n,dt)Ru-97	TALYS-6a	0 [8]		22	Pd-102(n,3npa)Tc-95m	TALYS-6a	0		15
Pd-101(n,n'pd)Ru-98	TALYS-6a	0 [8]		26	Pd-102(n,dt)Ru-98	TALYS-6a	0 [8]		22
Pd-101(n,n'pt)Ru-97	TALYS-6a	0 [8]		22	Pd-102(n,n'pd)Ru-99	TALYS-6a	0 [8]		23
Pd-101(n,n'dt)Ru-96	TALYS-6a	0 [8]		15	Pd-102(n,n'pt)Ru-98	TALYS-6a	0 [8]		21
Pd-101(n,n'ph)Tc-97g	TALYS-6a	0		20	Pd-102(n,n'dt)Ru-97	TALYS-6a	0 [8]		14
Pd-101(n,n'ph)Tc-97m	TALYS-6a	0		20	Pd-102(n,n'ph)Tc-98	TALYS-6a	0 [8]		16
Pd-101(n,n'dh)Tc-96g	TALYS-6a	0		14	Pd-102(n,n'dh)Tc-97g	TALYS-6a	0		13
Pd-101(n,n'dh)Tc-96m	TALYS-6a	0		14	Pd-102(n,n'dh)Tc-97m	TALYS-6a	0		13
Pd-101(n,n'th)Tc-95g	TALYS-6a	0		13	Pd-102(n,n'th)Tc-96g	TALYS-6a	0		11
Pd-101(n,n'th)Tc-95m	TALYS-6a	0		13	Pd-102(n,n'th)Tc-96m	TALYS-6a	0		11
Pd-101(n,n'ta)Tc-94g	TALYS-6a	0		21	Pd-102(n,n'ta)Tc-95g	TALYS-6a	0		21
Pd-101(n,n'ta)Tc-94m	TALYS-6a	0		21	Pd-102(n,n'ta)Tc-95m	TALYS-6a	0		20
Pd-101(n,2n2p)Ru-98	TALYS-6a	0 [8]		24	Pd-102(n,2n2p)Ru-99	TALYS-6a	0 [8]		21
Pd-101(n,ph)Tc-98	TALYS-6a	0 [8]		27	Pd-102(n,ph)Tc-99g	TALYS-6a	0		25
Pd-101(n,dh)Tc-97g	TALYS-6a	0		20	Pd-102(n,ph)Tc-99m	TALYS-6a	0		25
Pd-101(n,dh)Tc-97m	TALYS-6a	0		20	Pd-102(n,ha)Mo-96	TALYS-6a	0 [8]		29
Pd-101(n,ha)Mo-95	TALYS-6a	0 [8]		30	Pd-102(n,4n2p)Ru-97	TALYS-6a	0 [8]		10
Pd-101(n,4n2p)Ru-96	TALYS-6a	0 [8]		11	Pd-102(n,4n2a)Mo-91g	TALYS-6a	0		9
Pd-101(n,4n2a)Mo-90	TALYS-6a	0 [8]		9	Pd-102(n,4n2a)Mo-91m	TALYS-6a	0		8
Pd-101(n,4npa)Tc-93g	TALYS-6a	0		11	Pd-102(n,4npa)Tc-94g	TALYS-6a	0		10
Pd-101(n,4npa)Tc-93m	TALYS-6a	0		10	Pd-102(n,4npa)Tc-94m	TALYS-6a	0		10
Pd-101(n,3p)Tc-99g	TALYS-6a	0		29	Pd-102(n,3p)Tc-100	TALYS-6a	0 [8]		24
Pd-101(n,3p)Tc-99m	TALYS-6a	0		29	Pd-102(n,n'3p)Tc-99g	TALYS-6a	0		18
Pd-101(n,n'3p)Tc-98	TALYS-6a	0 [8]		20	Pd-102(n,n'3p)Tc-99m	TALYS-6a	0		18
Pd-101(n,3n2pa)Mo-93g	TALYS-6a	0 [4,8]		11	Pd-102(n,3n2pa)Mo-94	TALYS-6a	0 [8]		11
Pd-101(n,3n2pa)Mo-93m	TALYS-6a	0 [4,7,8,8]		10	Pd-102(n,5n2p)Ru-96	TALYS-6a	0 [8]		6
Pd-101(n,5n2p)Ru-95	TALYS-6a	0 [8]		6	Pd-103(n,2nd)Rh-100g	TALYS-6a	0 [4,8]		22

Reaction	Library		Refs	Val
Pd-103(n,2nd)Rh-100m	TALYS-6a	0	[4,7,8,8]	21
Pd-103(n,2n)Pd-102	TALYS-6a	0		47
Pd-103(n,3n)Pd-101	TALYS-6a	0		28
Pd-103(n,n'a)Ru-99	TALYS-6a	0	[8]	60
Pd-103(n,n'3a)Zr-91	TALYS-6a	0	[8]	22
Pd-103(n,2na)Ru-98	TALYS-6a	0	[8]	36
Pd-103(n,3na)Ru-97	TALYS-6a	0	[8]	23
Pd-103(n,n'p)Rh-102g	TALYS-6a	0		44
Pd-103(n,n'p)Rh-102m	TALYS-6a	0		44
Pd-103(n,n'2a)Mo-95	TALYS-6a	0	[8]	36
Pd-103(n,2n2a)Mo-94	TALYS-6a	0	[8]	26
Pd-103(n,n'd)Rh-101g	TALYS-6a	0		33
Pd-103(n,n'd)Rh-101m	TALYS-6a	0		33
Pd-103(n,n't)Rh-100g	TALYS-6a	0	[4,8]	28
Pd-103(n,n't)Rh-100m	TALYS-6a	0	[4,7,8,8]	27
Pd-103(n,n'h)Ru-100	TALYS-6a	0	[8]	30
Pd-103(n,n'd2a)Nb-93g	TALYS-6a	0		15
Pd-103(n,n'd2a)Nb-93m	TALYS-6a	0		15
Pd-103(n,n't2a)Nb-92g	TALYS-6a	0		14
Pd-103(n,n't2a)Nb-92m	TALYS-6a	0		13
Pd-103(n,4n)Pd-100	TALYS-6a	0		20
Pd-103(n,2np)Rh-101g	TALYS-6a	0		30
Pd-103(n,2np)Rh-101m	TALYS-6a	0		30
Pd-103(n,3np)Rh-100g	TALYS-6a	0	[4]	21
Pd-103(n,3np)Rh-100m	TALYS-6a	0	[4,7,8]	20
Pd-103(n,n'2p)Ru-101	TALYS-6a	0	[8]	30
Pd-103(n,n'pa)Tc-98	TALYS-6a	0	[8]	31
Pd-103(n,g)Pd-104	MASGAM	0	[14,13]	83
Pd-103(n,p)Rh-103g	TALYS-6a	0	[2]	100
Pd-103(n,p)Rh-103m	TALYS-6a	0	[2]	100
Pd-103(n,d)Rh-102g	TALYS-6a	0		52
Pd-103(n,d)Rh-102m	TALYS-6a	0		51
Pd-103(n,t)Rh-101g	TALYS-6a	0		45
Pd-103(n,t)Rh-101m	TALYS-6a	0		45
Pd-103(n,h)Ru-101	TALYS-6a	0	[8]	42
Pd-103(n,a)Ru-100	TALYS-6a	0	[2]	100
Pd-103(n,2a)Mo-96	TALYS-6a	0		100
Pd-103(n,2p)Ru-102	TALYS-6a	0	[8]	51
Pd-103(n,pa)Tc-99g	TALYS-6a	0		52
Pd-103(n,pa)Tc-99m	TALYS-6a	0		51
Pd-103(n,t2a)Nb-93g	TALYS-6a	0		20
Pd-103(n,t2a)Nb-93m	TALYS-6a	0		20
Pd-103(n,d2a)Nb-94g	TALYS-6a	0		21
Pd-103(n,d2a)Nb-94m	TALYS-6a	0		21
Pd-103(n,pd)Ru-101	TALYS-6a	0	[8]	32
Pd-103(n,pt)Ru-100	TALYS-6a	0	[8]	31
Pd-103(n,da)Tc-98	TALYS-6a	0	[8]	32
Pd-103(n,5n)Pd-99	TALYS-6a	0		13
Pd-103(n,6n)Pd-98	TALYS-6a	0		8
Pd-103(n,2nt)Rh-99g	TALYS-6a	0		20
Pd-103(n,2nt)Rh-99m	TALYS-6a	0		20
Pd-103(n,ta)Tc-97g	TALYS-6a	0		31
Pd-103(n,ta)Tc-97m	TALYS-6a	0		30
Pd-103(n,4np)Rh-99g	TALYS-6a	0		15
Pd-103(n,4np)Rh-99m	TALYS-6a	0		15
Pd-103(n,3nd)Rh-99g	TALYS-6a	0		15
Pd-103(n,3nd)Rh-99m	TALYS-6a	0		15
Pd-103(n,n'da)Tc-97g	TALYS-6a	0		24
Pd-103(n,n'da)Tc-97m	TALYS-6a	0		24
Pd-103(n,2npa)Tc-97g	TALYS-6a	0		23
Pd-103(n,2npa)Tc-97m	TALYS-6a	0		23
Pd-103(n,5np)Rh-98g	TALYS-6a	0	[4]	9
Pd-103(n,5np)Rh-98m	TALYS-6a	0	[4,7,8]	8
Pd-103(n,4na)Ru-96	TALYS-6a	0	[8]	16
Pd-103(n,5na)Ru-95	TALYS-6a	0	[8]	10
Pd-103(n,4nd)Rh-98g	TALYS-6a	0	[4]	10
Pd-103(n,4nd)Rh-98m	TALYS-6a	0	[4,7,8]	9
Pd-103(n,3nt)Rh-98g	TALYS-6a	0	[4,8]	13
Pd-103(n,3nt)Rh-98m	TALYS-6a	0	[4,7,8,8]	12
Pd-103(n,4nt)Rh-97g	TALYS-6a	0		8
Pd-103(n,4nt)Rh-97m	TALYS-6a	0		8
Pd-103(n,2nh)Ru-99	TALYS-6a	0	[8]	20
Pd-103(n,3nh)Ru-98	TALYS-6a	0	[8]	15
Pd-103(n,4nh)Ru-97	TALYS-6a	0	[8]	10
Pd-103(n,3n2p)Ru-99	TALYS-6a	0	[8]	15
Pd-103(n,3n2a)Mo-93g	TALYS-6a	0	[4,8]	16
Pd-103(n,3n2a)Mo-93m	TALYS-6a	0	[4,7,8,8]	15
Pd-103(n,3npa)Tc-96g	TALYS-6a	0		15
Pd-103(n,3npa)Tc-96m	TALYS-6a	0		15
Pd-103(n,dt)Ru-99	TALYS-6a	0	[8]	22
Pd-103(n,n'pd)Ru-100	TALYS-6a	0	[8]	25
Pd-103(n,n'pt)Ru-99	TALYS-6a	0	[8]	21
Pd-103(n,n'dt)Ru-98	TALYS-6a	0	[8]	15
Pd-103(n,n'ph)Tc-99g	TALYS-6a	0		17
Pd-103(n,n'ph)Tc-99m	TALYS-6a	0		17
Pd-103(n,n'dh)Tc-98	TALYS-6a	0	[8]	13
Pd-103(n,n'th)Tc-97g	TALYS-6a	0		12
Pd-103(n,n'th)Tc-97m	TALYS-6a	0		12
Pd-103(n,n'ta)Tc-96g	TALYS-6a	0		21
Pd-103(n,n'ta)Tc-96m	TALYS-6a	0		21
Pd-103(n,2n2p)Ru-100	TALYS-6a	0	[8]	23
Pd-103(n,ph)Tc-100	TALYS-6a	0	[8]	24
Pd-103(n,ha)Mo-97	TALYS-6a	0	[8]	28
Pd-103(n,4n2p)Ru-98	TALYS-6a	0	[8]	11
Pd-103(n,4n2a)Mo-92	TALYS-6a	0	[8]	12
Pd-103(n,4npa)Tc-95g	TALYS-6a	0		11
Pd-103(n,4npa)Tc-95m	TALYS-6a	0		11
Pd-103(n,3p)Tc-101	TALYS-6a	0	[8]	25
Pd-103(n,n'3p)Tc-100	TALYS-6a	0	[8]	17
Pd-103(n,3n2pa)Mo-95	TALYS-6a	0	[8]	11
Pd-104(n,2nd)Rh-101g	TALYS-6a	0		22
Pd-104(n,2nd)Rh-101m	TALYS-6a	0		22
Pd-104(n,2n)Pd-103	TALYS-6a	0		41
Pd-104(n,3n)Pd-102	TALYS-6a	0		29
Pd-104(n,n'a)Ru-100	TALYS-6a	0	[8]	58
Pd-104(n,n'3a)Zr-92	TALYS-6a	0	[8]	20
Pd-104(n,2na)Ru-99	TALYS-6a	0	[8]	31
Pd-104(n,3na)Ru-98	TALYS-6a	0	[8]	24
Pd-104(n,n'p)Rh-103g	TALYS-6a	0		43
Pd-104(n,n'p)Rh-103m	TALYS-6a	0		43
Pd-104(n,n'2a)Mo-96	TALYS-6a	0	[8]	33
Pd-104(n,2n2a)Mo-95	TALYS-6a	0	[8]	23
Pd-104(n,n'd)Rh-102g	TALYS-6a	0		30
Pd-104(n,n'd)Rh-102m	TALYS-6a	0		29
Pd-104(n,n't)Rh-101g	TALYS-6a	0		28
Pd-104(n,n't)Rh-101m	TALYS-6a	0		28
Pd-104(n,n'h)Ru-101	TALYS-6a	0	[8]	27
Pd-104(n,n'd2a)Nb-94g	TALYS-6a	0		14
Pd-104(n,n'd2a)Nb-94m	TALYS-6a	0		14
Pd-104(n,n't2a)Nb-93g	TALYS-6a	0		13
Pd-104(n,n't2a)Nb-93m	TALYS-6a	0		13
Pd-104(n,4n)Pd-101	TALYS-6a	0		18
Pd-104(n,2np)Rh-102g	TALYS-6a	0		28
Pd-104(n,2np)Rh-102m	TALYS-6a	0		28
Pd-104(n,3np)Rh-101g	TALYS-6a	0		20
Pd-104(n,3np)Rh-101m	TALYS-6a	0		20
Pd-104(n,n'2p)Ru-102	TALYS-6a	0	[8]	29
Pd-104(n,n'pa)Tc-99g	TALYS-6a	0		29
Pd-104(n,n'pa)Tc-99m	TALYS-6a	0		29
>Pd-104(n,g)Pd-105	JEF-2.2	4	[14,13,3]	8680
Pd-104(n,p)Rh-104g	JEF-2.2	2	[13,4,3]	40
Pd-104(n,p)Rh-104m	JEF-2.2	2	[13,4,7,8,3]	39
Pd-104(n,d)Rh-103g	TALYS-6a	0		48
Pd-104(n,d)Rh-103m	TALYS-6a	0		48
Pd-104(n,t)Rh-102g	TALYS-6a	0		40
Pd-104(n,t)Rh-102m	TALYS-6a	0		39
Pd-104(n,h)Ru-102	TALYS-6a	0	[8]	41
Pd-104(n,a)Ru-101	TALYS-6a	0	[9,2,3]	8643
Pd-104(n,2a)Mo-97	TALYS-6a	0		100
Pd-104(n,2p)Ru-103	TALYS-6a	0	[8]	39
Pd-104(n,pa)Tc-100	TALYS-6a	0	[8]	41
Pd-104(n,pd)Ru-102	TALYS-6a	0	[8]	31
Pd-104(n,pt)Ru-101	TALYS-6a	0	[8]	27
Pd-104(n,da)Tc-99g	TALYS-6a	0		31
Pd-104(n,da)Tc-99m	TALYS-6a	0		30
Pd-104(n,5n)Pd-100	TALYS-6a	0		13
Pd-104(n,6n)Pd-99	TALYS-6a	0		7
Pd-104(n,2nt)Rh-100g	TALYS-6a	0	[4,8]	18
Pd-104(n,2nt)Rh-100m	TALYS-6a	0	[4,7,8,8]	17
Pd-104(n,ta)Tc-98	TALYS-6a	0	[8]	28
Pd-104(n,4np)Rh-100g	TALYS-6a	0	[4]	14
Pd-104(n,4np)Rh-100m	TALYS-6a	0	[4,7,8]	13
Pd-104(n,3nd)Rh-100g	TALYS-6a	0	[4,8]	14
Pd-104(n,3nd)Rh-100m	TALYS-6a	0	[4,7,8,8]	13
Pd-104(n,n'da)Tc-98	TALYS-6a	0	[8]	22
Pd-104(n,2npa)Tc-98	TALYS-6a	0	[8]	20
Pd-104(n,5np)Rh-99g	TALYS-6a	0		10
Pd-104(n,5np)Rh-99m	TALYS-6a	0		10
Pd-104(n,4na)Ru-97	TALYS-6a	0	[8]	15
Pd-104(n,5na)Ru-96	TALYS-6a	0	[8]	11
Pd-104(n,4nd)Rh-99g	TALYS-6a	0		10
Pd-104(n,4nd)Rh-99m	TALYS-6a	0		10
Pd-104(n,5nd)Rh-98g	TALYS-6a	0	[4]	5
Pd-104(n,5nd)Rh-98m	TALYS-6a	0	[4,7,8]	4
Pd-104(n,3nt)Rh-99g	TALYS-6a	0		13
Pd-104(n,3nt)Rh-99m	TALYS-6a	0		13
Pd-104(n,4nt)Rh-98g	TALYS-6a	0	[4,8]	8
Pd-104(n,4nt)Rh-98m	TALYS-6a	0	[4,7,8,8]	7
Pd-104(n,2nh)Ru-100	TALYS-6a	0	[8]	20
Pd-104(n,3nh)Ru-99	TALYS-6a	0	[8]	13
Pd-104(n,4nh)Ru-98	TALYS-6a	0	[8]	10
Pd-104(n,3n2p)Ru-100	TALYS-6a	0	[8]	15
Pd-104(n,3n2a)Mo-94	TALYS-6a	0	[8]	16
Pd-104(n,3npa)Tc-97g	TALYS-6a	0		15
Pd-104(n,3npa)Tc-97m	TALYS-6a	0		14
Pd-104(n,dt)Ru-100	TALYS-6a	0	[8]	21
Pd-104(n,n'pd)Ru-101	TALYS-6a	0	[8]	21
Pd-104(n,n'pt)Ru-100	TALYS-6a	0	[8]	20
Pd-104(n,n'dt)Ru-99	TALYS-6a	0	[8]	14
Pd-104(n,n'ph)Tc-100	TALYS-6a	0	[8]	15
Pd-104(n,n'dh)Tc-99g	TALYS-6a	0		12
Pd-104(n,n'dh)Tc-99m	TALYS-6a	0		12
Pd-104(n,n'ta)Tc-97g	TALYS-6a	0		20
Pd-104(n,n'ta)Tc-97m	TALYS-6a	0		20
Pd-104(n,2n2p)Ru-101	TALYS-6a	0	[8]	20
Pd-104(n,ph)Tc-101	TALYS-6a	0	[8]	22
Pd-104(n,ha)Mo-98	TALYS-6a	0	[8]	26
Pd-104(n,4n2p)Ru-99	TALYS-6a	0	[8]	10
Pd-104(n,4n2a)Mo-93g	TALYS-6a	0	[4,8]	11
Pd-104(n,4n2a)Mo-93m	TALYS-6a	0	[4,7,8,8]	10
Pd-104(n,4npa)Tc-96g	TALYS-6a	0		10
Pd-104(n,4npa)Tc-96m	TALYS-6a	0		10
Pd-104(n,3p)Tc-102g	TALYS-6a	0	[4,8]	21
Pd-104(n,3p)Tc-102m	TALYS-6a	0	[4,7,8,8]	20
Pd-104(n,n'3p)Tc-101	TALYS-6a	0	[8]	16
Pd-104(n,3n2pa)Mo-96	TALYS-6a	0	[8]	10
Pd-104(n,5n2p)Ru-98	TALYS-6a	0	[8]	6
Pd-105(n,2nd)Rh-102g	TALYS-6a	0		22
Pd-105(n,2nd)Rh-102m	TALYS-6a	0		22
Pd-105(n,2n)Pd-104	TALYS-6a	0		50
Pd-105(n,3n)Pd-103	TALYS-6a	0		29
Pd-105(n,n'a)Ru-101	TALYS-6a	0	[8]	57
Pd-105(n,n'3a)Zr-93	TALYS-6a	0	[8]	19
Pd-105(n,2na)Ru-100	TALYS-6a	0	[8]	36
Pd-105(n,3na)Ru-99	TALYS-6a	0	[8]	24
Pd-105(n,n'p)Rh-104g	TALYS-6a	0		43
Pd-105(n,n'p)Rh-104m	TALYS-6a	0		42
Pd-105(n,n'2a)Mo-97	TALYS-6a	0	[8]	32
Pd-105(n,2n2a)Mo-96	TALYS-6a	0	[8]	25
Pd-105(n,n'd)Rh-103g	TALYS-6a	0		32
Pd-105(n,n'd)Rh-103m	TALYS-6a	0		32
Pd-105(n,n't)Rh-102g	TALYS-6a	0		28
Pd-105(n,n't)Rh-102m	TALYS-6a	0		28
Pd-105(n,n'h)Ru-102	TALYS-6a	0	[8]	29
Pd-105(n,n'd2a)Nb-95g	TALYS-6a	0		14
Pd-105(n,n'd2a)Nb-95m	TALYS-6a	0		14
Pd-105(n,4n)Pd-102	TALYS-6a	0		22
Pd-105(n,2np)Rh-103g	TALYS-6a	0		30

Reaction	Library	Flag	Refs	Value
Pd-105(n,2np)Rh-103m	TALYS-6a	0		30
Pd-105(n,3np)Rh-102g	TALYS-6a	0		21
Pd-105(n,3np)Rh-102m	TALYS-6a	0		21
Pd-105(n,n'2p)Ru-103	TALYS-6a	0	[8]	28
Pd-105(n,n'pa)Tc-100	TALYS-6a	0	[8]	29
Pd-105(n,g)Pd-106	JENDL-3.3	4	[13]	
29583				
Pd-105(n,p)Rh-105g	TALYS-5a	1	[3]	100
Pd-105(n,p)Rh-105m	TALYS-5a	1	[3]	100
Pd-105(n,d)Rh-104g	TALYS-6a	0		47
Pd-105(n,d)Rh-104m	TALYS-6a	0		47
Pd-105(n,t)Rh-103g	TALYS-6a	0		44
Pd-105(n,t)Rh-103m	TALYS-6a	0		44
Pd-105(n,h)Ru-103	TALYS-6a	0	[8]	38
Pd-105(n,a)Ru-102	TALYS-5	2	[9,3,3]	
27643				
Pd-105(n,2a)Mo-98	TALYS-6a	0		100
Pd-105(n,2p)Ru-104	TALYS-6a	0	[8]	43
Pd-105(n,pa)Tc-101	TALYS-6a	0	[8]	44
Pd-105(n,pd)Ru-103	TALYS-6a	0	[8]	29
Pd-105(n,pt)Ru-102	TALYS-6a	0	[8]	30
Pd-105(n,da)Tc-100	TALYS-6a	0	[8]	30
Pd-105(n,5n)Pd-101	TALYS-6a	0		14
Pd-105(n,6n)Pd-100	TALYS-6a	0		10
Pd-105(n,2nt)Rh-101g	TALYS-6a	0		21
Pd-105(n,2nt)Rh-101m	TALYS-6a	0		21
Pd-105(n,ta)Tc-99g	TALYS-6a	0		29
Pd-105(n,ta)Tc-99m	TALYS-6a	0		29
Pd-105(n,4np)Rh-101g	TALYS-6a	0		15
Pd-105(n,4np)Rh-101m	TALYS-6a	0		15
Pd-105(n,3nd)Rh-101g	TALYS-6a	0		16
Pd-105(n,3nd)Rh-101m	TALYS-6a	0		16
Pd-105(n,n'da)Tc-99g	TALYS-6a	0		23
Pd-105(n,n'da)Tc-99m	TALYS-6a	0		23
Pd-105(n,2npa)Tc-99g	TALYS-6a	0		22
Pd-105(n,2npa)Tc-99m	TALYS-6a	0		21
Pd-105(n,5np)Rh-100g	TALYS-6a	0	[4]	10
Pd-105(n,5np)Rh-100m	TALYS-6a	0	[4,7,8]	9
Pd-105(n,6np)Rh-99g	TALYS-6a	0		6
Pd-105(n,6np)Rh-99m	TALYS-6a	0		6
Pd-105(n,4na)Ru-98	TALYS-6a	0	[8]	16
Pd-105(n,5na)Ru-97	TALYS-6a	0	[8]	11
Pd-105(n,6na)Ru-96	TALYS-6a	0	[8]	7
Pd-105(n,4nd)Rh-100g	TALYS-6a	0	[4]	11
Pd-105(n,4nd)Rh-100m	TALYS-6a	0	[4,7,8]	10
Pd-105(n,5nd)Rh-99g	TALYS-6a	0		7
Pd-105(n,5nd)Rh-99m	TALYS-6a	0		7
Pd-105(n,3nt)Rh-100g	TALYS-6a	0	[4]	14
Pd-105(n,3nt)Rh-100m	TALYS-6a	0	[4,7,8]	13
Pd-105(n,4nt)Rh-99g	TALYS-6a	0		9
Pd-105(n,4nt)Rh-99m	TALYS-6a	0		9
Pd-105(n,2nh)Ru-101	TALYS-6a	0	[8]	19
Pd-105(n,3nh)Ru-100	TALYS-6a	0	[8]	15
Pd-105(n,4nh)Ru-99	TALYS-6a	0	[8]	10
Pd-105(n,3n2p)Ru-101	TALYS-6a	0	[8]	14
Pd-105(n,3n2a)Mo-95	TALYS-6a	0	[8]	16
Pd-105(n,3npa)Tc-98	TALYS-6a	0	[8]	15
Pd-105(n,dt)Ru-101	TALYS-6a	0	[8]	21
Pd-105(n,n'pd)Ru-102	TALYS-6a	0	[8]	23
Pd-105(n,n'pt)Ru-101	TALYS-6a	0	[8]	20
Pd-105(n,n'dt)Ru-100	TALYS-6a	0	[8]	15
Pd-105(n,n'ph)Tc-101	TALYS-6a	0	[8]	16
Pd-105(n,n'dh)Tc-100	TALYS-6a	0	[8]	12
Pd-105(n,n'ta)Tc-98	TALYS-6a	0	[8]	20
Pd-105(n,2n2p)Ru-102	TALYS-6a	0	[8]	22
Pd-105(n,4n2p)Ru-100	TALYS-6a	0	[8]	11
Pd-105(n,4n2a)Mo-94	TALYS-6a	0	[8]	12
Pd-105(n,4npa)Tc-97g	TALYS-6a	0		11
Pd-105(n,4npa)Tc-97m	TALYS-6a	0		11
Pd-105(n,n'3p)Tc-102g	TALYS-6a	0	[4,8]	15
Pd-105(n,n'3p)Tc-102m	TALYS-6a	0	[4,7,8,8]	14
Pd-105(n,3n2pa)Mo-97	TALYS-6a	0	[8]	9
Pd-105(n,5n2p)Ru-99	TALYS-6a	0	[8]	6
Pd-106(n,2nd)Rh-103g	TALYS-6a	0		22
Pd-106(n,2nd)Rh-103m	TALYS-6a	0		22
Pd-106(n,2n)Pd-105	TALYS-6a	0		42
Pd-106(n,3n)Pd-104	TALYS-6a	0		30
Pd-106(n,n'a)Ru-102	TALYS-6a	0	[8]	55
Pd-106(n,2na)Ru-101	TALYS-6a	0	[8]	31
Pd-106(n,3na)Ru-100	TALYS-6a	0	[8]	24
Pd-106(n,n'p)Rh-105g	TALYS-6a	0		41
Pd-106(n,n'p)Rh-105m	TALYS-6a	0		41
Pd-106(n,n'2a)Mo-98	TALYS-6a	0	[8]	31
Pd-106(n,2n2a)Mo-97	TALYS-6a	0	[8]	22
Pd-106(n,n'd)Rh-104g	TALYS-6a	0		29
Pd-106(n,n'd)Rh-104m	TALYS-6a	0		29
Pd-106(n,n't)Rh-103g	TALYS-6a	0		28
Pd-106(n,n't)Rh-103m	TALYS-6a	0		28
Pd-106(n,n'h)Ru-103	TALYS-6a	0	[8]	25
Pd-106(n,4n)Pd-103	TALYS-6a	0		20
Pd-106(n,2np)Rh-104g	TALYS-6a	0		28
Pd-106(n,2np)Rh-104m	TALYS-6a	0		27
Pd-106(n,3np)Rh-103g	TALYS-6a	0		20
Pd-106(n,3np)Rh-103m	TALYS-6a	0		20
Pd-106(n,n'2p)Ru-104	TALYS-6a	0	[8]	27
Pd-106(n,n'pa)Tc-101	TALYS-6a	0	[8]	28
Pd-106(n,g)Pd-107g	JEF-2.2	2	[14,13,4,6]	
10807				
Pd-106(n,g)Pd-107m	JEF-2.2	2	[14,13,4,6]	
10807				
Pd-106(n,p)Rh-106g	JEF-2.2	1	[13,4,7,8]	39
Pd-106(n,p)Rh-106m	JEF-2.2	6	[13,4,7,8,3]	38
Pd-106(n,d)Rh-105g	TALYS-6a	0		45
Pd-106(n,d)Rh-105m	TALYS-6a	0		45
Pd-106(n,t)Rh-104g	TALYS-6a	0		39
Pd-106(n,t)Rh-104m	TALYS-6a	0		39
Pd-106(n,h)Ru-104	TALYS-6a	0	[8]	37
Pd-106(n,a)Ru-103	TALYS-5	4	[9,3]	
10773				
Pd-106(n,2a)Mo-99	TALYS-6a	0	[8]	41
Pd-106(n,2p)Ru-105	TALYS-6a	0	[8]	35
Pd-106(n,pa)Tc-102g	TALYS-6a	0	[4,8]	35
Pd-106(n,pa)Tc-102m	TALYS-6a	0	[4,7,8,8]	35
Pd-106(n,pd)Ru-104	TALYS-6a	0	[8]	29
Pd-106(n,pt)Ru-103	TALYS-6a	0	[8]	26
Pd-106(n,da)Tc-101	TALYS-6a	0	[8]	29
Pd-106(n,5n)Pd-102	TALYS-6a	0		14
Pd-106(n,6n)Pd-101	TALYS-6a	0		9
Pd-106(n,2nt)Rh-102g	TALYS-6a	0		19
Pd-106(n,2nt)Rh-102m	TALYS-6a	0		18
Pd-106(n,ta)Tc-100	TALYS-6a	0	[8]	26
Pd-106(n,4np)Rh-102g	TALYS-6a	0		14
Pd-106(n,4np)Rh-102m	TALYS-6a	0		14
Pd-106(n,3nd)Rh-102g	TALYS-6a	0		15
Pd-106(n,3nd)Rh-102m	TALYS-6a	0		15
Pd-106(n,n'da)Tc-100	TALYS-6a	0	[8]	20
Pd-106(n,2npa)Tc-100	TALYS-6a	0	[8]	19
Pd-106(n,7n)Pd-100	TALYS-6a	0		5
Pd-106(n,5np)Rh-101g	TALYS-6a	0		10
Pd-106(n,5np)Rh-101m	TALYS-6a	0		10
Pd-106(n,6np)Rh-100g	TALYS-6a	0	[4]	5
Pd-106(n,6np)Rh-100m	TALYS-6a	0	[4,7,8]	4
Pd-106(n,4na)Ru-99	TALYS-6a	0	[8]	15
Pd-106(n,5na)Ru-98	TALYS-6a	0	[8]	11
Pd-106(n,6na)Ru-97	TALYS-6a	0	[8]	6
Pd-106(n,4nd)Rh-101g	TALYS-6a	0		11
Pd-106(n,4nd)Rh-101m	TALYS-6a	0		11
Pd-106(n,5nd)Rh-100g	TALYS-6a	0	[4]	6
Pd-106(n,5nd)Rh-100m	TALYS-6a	0	[4,7,8]	5
Pd-106(n,3nt)Rh-101g	TALYS-6a	0		14
Pd-106(n,3nt)Rh-101m	TALYS-6a	0		14
Pd-106(n,4nt)Rh-100g	TALYS-6a	0	[4,8]	9
Pd-106(n,4nt)Rh-100m	TALYS-6a	0	[4,7,8,8]	7
Pd-106(n,5nt)Rh-99g	TALYS-6a	0		5
Pd-106(n,5nt)Rh-99m	TALYS-6a	0		5
Pd-106(n,2nh)Ru-102	TALYS-6a	0	[8]	19
Pd-106(n,3nh)Ru-101	TALYS-6a	0	[8]	13
Pd-106(n,4nh)Ru-100	TALYS-6a	0	[8]	10
Pd-106(n,3n2p)Ru-102	TALYS-6a	0	[8]	14
Pd-106(n,3n2a)Mo-96	TALYS-6a	0	[8]	15
Pd-106(n,3npa)Tc-99g	TALYS-6a	0		14
Pd-106(n,3npa)Tc-99m	TALYS-6a	0		14
Pd-106(n,dt)Ru-102	TALYS-6a	0	[8]	20
Pd-106(n,n'pd)Ru-103	TALYS-6a	0	[8]	20
Pd-106(n,n'pt)Ru-102	TALYS-6a	0	[8]	20
Pd-106(n,n'dt)Ru-101	TALYS-6a	0	[8]	14
Pd-106(n,n'ph)Tc-102g	TALYS-6a	0	[4,8]	14
Pd-106(n,n'ph)Tc-102m	TALYS-6a	0	[4,7,8,8]	14
Pd-106(n,n'dh)Tc-101	TALYS-6a	0	[8]	12
Pd-106(n,n'ta)Tc-99g	TALYS-6a	0		19
Pd-106(n,n'ta)Tc-99m	TALYS-6a	0		19
Pd-106(n,2n2p)Ru-103	TALYS-6a	0	[8]	18
Pd-106(n,4n2p)Ru-101	TALYS-6a	0	[8]	10
Pd-106(n,4n2a)Mo-95	TALYS-6a	0	[8]	11
Pd-106(n,4npa)Tc-98	TALYS-6a	0	[8]	10
Pd-106(n,n'3p)Tc-103	TALYS-6a	0	[8]	14
Pd-106(n,5n2p)Ru-100	TALYS-6a	0	[8]	6
Pd-107(n,n')Pd-107m	TALYS-6a	0		88
Pd-107(n,2nd)Rh-104g	TALYS-6a	0		23
Pd-107(n,2nd)Rh-104m	TALYS-6a	0		23
Pd-107(n,2n)Pd-106	TALYS-6a	0		52
Pd-107(n,3n)Pd-105	TALYS-6a	0		30
Pd-107(n,n'a)Ru-103	TALYS-6a	0	[8]	54
Pd-107(n,2na)Ru-102	TALYS-6a	0	[8]	36
Pd-107(n,3na)Ru-101	TALYS-6a	0	[8]	24
Pd-107(n,n'p)Rh-106g	TALYS-6a	0		42
Pd-107(n,n'p)Rh-106m	TALYS-6a	0		41
Pd-107(n,n'2a)Mo-99	TALYS-6a	0	[8]	29
Pd-107(n,2n2a)Mo-98	TALYS-6a	0	[8]	24
Pd-107(n,n'd)Rh-105g	TALYS-6a	0		32
Pd-107(n,n'd)Rh-105m	TALYS-6a	0		32
Pd-107(n,n't)Rh-104g	TALYS-6a	0		29
Pd-107(n,n't)Rh-104m	TALYS-6a	0		28
Pd-107(n,n'h)Ru-104	TALYS-6a	0	[8]	28
Pd-107(n,4n)Pd-104	TALYS-6a	0		23
Pd-107(n,2np)Rh-105g	TALYS-6a	0		30
Pd-107(n,2np)Rh-105m	TALYS-6a	0		30
Pd-107(n,3np)Rh-104g	TALYS-6a	0		21
Pd-107(n,3np)Rh-104m	TALYS-6a	0		21
Pd-107(n,n'2p)Ru-105	TALYS-6a	0	[8]	26
Pd-107(n,n'pa)Tc-102g	TALYS-6a	0	[4,8]	26
Pd-107(n,n'pa)Tc-102m	TALYS-6a	0	[4,7,8,8]	26
Pd-107(n,g)Pd-108	JEF-2.2	4	[13]	5962
Pd-107(n,p)Rh-107	TALYS-6a	0	[2,8]	79
Pd-107(n,d)Rh-106g	TALYS-6a	0		45
Pd-107(n,d)Rh-106m	TALYS-6a	0		45
Pd-107(n,t)Rh-105g	TALYS-6a	0		44
Pd-107(n,t)Rh-105m	TALYS-6a	0		44
Pd-107(n,h)Ru-105	TALYS-6a	0	[8]	36
Pd-107(n,a)Ru-104	TALYS-5	2	[9,3,3]	5923
Pd-107(n,2a)Mo-100	TALYS-6a	0		100
Pd-107(n,2p)Ru-106	TALYS-6a	0	[8]	39
Pd-107(n,pa)Tc-103	TALYS-6a	0	[8]	40
Pd-107(n,pd)Ru-105	TALYS-6a	0	[8]	28
Pd-107(n,pt)Ru-104	TALYS-6a	0	[8]	28
Pd-107(n,da)Tc-102g	TALYS-6a	0	[4,8]	28
Pd-107(n,da)Tc-102m	TALYS-6a	0	[4,7,8,8]	28
Pd-107(n,5n)Pd-103	TALYS-6a	0		15
Pd-107(n,6n)Pd-102	TALYS-6a	0		11
Pd-107(n,2nt)Rh-103g	TALYS-6a	0		21
Pd-107(n,2nt)Rh-103m	TALYS-6a	0		21
Pd-107(n,ta)Tc-101	TALYS-6a	0	[8]	28
Pd-107(n,4np)Rh-103g	TALYS-6a	0		15
Pd-107(n,4np)Rh-103m	TALYS-6a	0		15
Pd-107(n,3nd)Rh-103g	TALYS-6a	0		16
Pd-107(n,3nd)Rh-103m	TALYS-6a	0		16
Pd-107(n,n'da)Tc-101	TALYS-6a	0	[8]	22
Pd-107(n,2npa)Tc-101	TALYS-6a	0	[8]	21

Reaction	Library	Flags	Value
Pd-107(n,7n)Pd-101	TALYS-6a	0	6
Pd-107(n,5np)Rh-102g	TALYS-6a	0	11
Pd-107(n,5np)Rh-102m	TALYS-6a	0	11
Pd-107(n,6np)Rh-101g	TALYS-6a	0	7
Pd-107(n,6np)Rh-101m	TALYS-6a	0	7
Pd-107(n,4na)Ru-100	TALYS-6a	0 [8]	17
Pd-107(n,5na)Ru-99	TALYS-6a	0 [8]	12
Pd-107(n,6na)Ru-98	TALYS-6a	0 [8]	8
Pd-107(n,4nd)Rh-102g	TALYS-6a	0	11
Pd-107(n,4nd)Rh-102m	TALYS-6a	0	11
Pd-107(n,5nd)Rh-101g	TALYS-6a	0	8
Pd-107(n,5nd)Rh-101m	TALYS-6a	0	8
Pd-107(n,3nt)Rh-102g	TALYS-6a	0	14
Pd-107(n,3nt)Rh-102m	TALYS-6a	0	14
Pd-107(n,4nt)Rh-101g	TALYS-6a	0	10
Pd-107(n,4nt)Rh-101m	TALYS-6a	0	10
Pd-107(n,5nt)Rh-100g	TALYS-6a	0 [4,8]	5
Pd-107(n,5nt)Rh-100m	TALYS-6a	0 [4,7,8,8]	4
Pd-107(n,2nh)Ru-103	TALYS-6a	0 [8]	19
Pd-107(n,3nh)Ru-102	TALYS-6a	0 [8]	15
Pd-107(n,4nh)Ru-101	TALYS-6a	0 [8]	10
Pd-107(n,3n2p)Ru-103	TALYS-6a	0 [8]	14
Pd-107(n,3n2a)Mo-97	TALYS-6a	0 [8]	16
Pd-107(n,3npa)Tc-100	TALYS-6a	0 [8]	14
Pd-107(n,n'pd)Ru-104	TALYS-6a	0 [8]	22
Pd-107(n,n'pt)Ru-103	TALYS-6a	0 [8]	19
Pd-107(n,n'dt)Ru-102	TALYS-6a	0 [8]	15
Pd-107(n,n'ph)Tc-103	TALYS-6a	0 [8]	15
Pd-107(n,n'ta)Tc-100	TALYS-6a	0 [8]	19
Pd-107(n,2n2p)Ru-104	TALYS-6a	0 [8]	21
Pd-107(n,4n2p)Ru-102	TALYS-6a	0 [8]	11
Pd-107(n,4n2a)Mo-96	TALYS-6a	0 [8]	12
Pd-107(n,4npa)Tc-99g	TALYS-6a	0	11
Pd-107(n,4npa)Tc-99m	TALYS-6a	0	11
Pd-107(n,5n2p)Ru-101	TALYS-6a	0 [8]	6
Pd-108(n,2nd)Rh-105g	TALYS-6a	0	22
Pd-108(n,2nd)Rh-105m	TALYS-6a	0	22
Pd-108(n,2n)Pd-107g	TALYS-6a	0	43
>Pd-108(n,2n)Pd-107m	TALYS-6	5 [3]	42
Pd-108(n,3n)Pd-106	TALYS-6a	0	31
Pd-108(n,n'a)Ru-104	TALYS-6a	0 [8]	52
Pd-108(n,2na)Ru-103	TALYS-6a	0 [8]	31
Pd-108(n,3na)Ru-102	TALYS-6a	0 [8]	24
Pd-108(n,n'p)Rh-107	TALYS-6a	0 [8]	40
Pd-108(n,n'2a)Mo-100	TALYS-6a	0 [8]	29
Pd-108(n,2n2a)Mo-99	TALYS-6a	0 [8]	19
Pd-108(n,n'd)Rh-106g	TALYS-6a	0	29
Pd-108(n,n'd)Rh-106m	TALYS-6a	0	29
Pd-108(n,n't)Rh-105g	TALYS-6a	0	28
Pd-108(n,n't)Rh-105m	TALYS-6a	0	28
Pd-108(n,n'h)Ru-105	TALYS-6a	0 [8]	24
Pd-108(n,4n)Pd-105	TALYS-6a	0	21
Pd-108(n,2np)Rh-106g	TALYS-6a	0	27
Pd-108(n,2np)Rh-106m	TALYS-6a	0	27
Pd-108(n,3np)Rh-105g	TALYS-6a	0	21
Pd-108(n,3np)Rh-105m	TALYS-6a	0	20
Pd-108(n,n'2p)Ru-106	TALYS-6a	0 [8]	26
Pd-108(n,n'pa)Tc-103	TALYS-6a	0 [8]	26
Pd-108(n,g)Pd-109g	JEF-2.2	2 [14,13,13,4,6,4]	9019
Pd-108(n,g)Pd-109m	JEF-2.2	3 [14,13,13,4,6,4]	9019
Pd-108(n,p)Rh-108g	TALYS-5	5 [3]	67
Pd-108(n,p)Rh-108m	TALYS-5	6 [3,7,8]	63
Pd-108(n,d)Rh-107	TALYS-6a	0	44
Pd-108(n,t)Rh-106g	TALYS-6a	0	38
Pd-108(n,t)Rh-106m	TALYS-6a	0	38
Pd-108(n,h)Ru-106	TALYS-6a	0 [8]	34
Pd-108(n,a)Ru-105	TALYS-5	4	100
Pd-108(n,2p)Ru-107	TALYS-6a	0 [8]	31
Pd-108(n,pa)Tc-104	TALYS-6a	0 [8]	31
Pd-108(n,pd)Ru-106	TALYS-6a	0 [8]	27
Pd-108(n,pt)Ru-105	TALYS-6a	0 [8]	25
Pd-108(n,da)Tc-103	TALYS-6a	0 [8]	27
Pd-108(n,5n)Pd-104	TALYS-6a	0	15
Pd-108(n,6n)Pd-103	TALYS-6a	0	10
Pd-108(n,2nt)Rh-104g	TALYS-6a	0	19
Pd-108(n,2nt)Rh-104m	TALYS-6a	0	19
Pd-108(n,ta)Tc-102g	TALYS-6a	0 [4,8]	24
Pd-108(n,ta)Tc-102m	TALYS-6a	0 [4,7,8,8]	24
Pd-108(n,4np)Rh-104g	TALYS-6a	0	14
Pd-108(n,4np)Rh-104m	TALYS-6a	0	14
Pd-108(n,3nd)Rh-104g	TALYS-6a	0	15
Pd-108(n,3nd)Rh-104m	TALYS-6a	0	15
Pd-108(n,n'da)Tc-102g	TALYS-6a	0 [4,8]	19
Pd-108(n,n'da)Tc-102m	TALYS-6a	0 [4,7,8,8]	19
Pd-108(n,2npa)Tc-102g	TALYS-6a	0 [4,8]	17
Pd-108(n,2npa)Tc-102m	TALYS-6a	0 [4,7,8,8]	17
Pd-108(n,7n)Pd-102	TALYS-6a	0	6
Pd-108(n,5np)Rh-103g	TALYS-6a	0	11
Pd-108(n,5np)Rh-103m	TALYS-6a	0	11
Pd-108(n,6np)Rh-102g	TALYS-6a	0	6
Pd-108(n,6np)Rh-102m	TALYS-6a	0	6
Pd-108(n,4na)Ru-101	TALYS-6a	0 [8]	16
Pd-108(n,5na)Ru-100	TALYS-6a	0 [8]	12
Pd-108(n,6na)Ru-99	TALYS-6a	0 [8]	7
Pd-108(n,4nd)Rh-103g	TALYS-6a	0	11
Pd-108(n,4nd)Rh-103m	TALYS-6a	0	11
Pd-108(n,5nd)Rh-102g	TALYS-6a	0	7
Pd-108(n,5nd)Rh-102m	TALYS-6a	0	7
Pd-108(n,3nt)Rh-103g	TALYS-6a	0	14
Pd-108(n,3nt)Rh-103m	TALYS-6a	0	14
Pd-108(n,4nt)Rh-102g	TALYS-6a	0	10
Pd-108(n,4nt)Rh-102m	TALYS-6a	0	10
Pd-108(n,5nt)Rh-101g	TALYS-6a	0	6
Pd-108(n,5nt)Rh-101m	TALYS-6a	0	6
Pd-108(n,2nh)Ru-104	TALYS-6a	0 [8]	19
Pd-108(n,3nh)Ru-103	TALYS-6a	0 [8]	13
Pd-108(n,4nh)Ru-102	TALYS-6a	0 [8]	10
Pd-108(n,3n2p)Ru-104	TALYS-6a	0 [8]	14
Pd-108(n,3n2a)Mo-98	TALYS-6a	0 [8]	15
Pd-108(n,3npa)Tc-101	TALYS-6a	0 [8]	14
Pd-108(n,n'pd)Ru-105	TALYS-6a	0 [8]	19
Pd-108(n,n'pt)Ru-104	TALYS-6a	0 [8]	19
Pd-108(n,n'dt)Ru-103	TALYS-6a	0 [8]	14
Pd-108(n,n'ph)Tc-104	TALYS-6a	0 [8]	13
Pd-108(n,n'ta)Tc-101	TALYS-6a	0 [8]	19
Pd-108(n,2n2p)Ru-105	TALYS-6a	0 [8]	17
Pd-108(n,4n2p)Ru-103	TALYS-6a	0 [8]	9
Pd-108(n,4n2a)Mo-97	TALYS-6a	0 [8]	11
Pd-108(n,4npa)Tc-100	TALYS-6a	0 [8]	9
Pd-109(n,n')Pd-109m	TALYS-6a	0	89
Pd-109(n,2nd)Rh-106g	TALYS-6a	0	23
Pd-109(n,2nd)Rh-106m	TALYS-6a	0	23
Pd-109(n,2n)Pd-108	TALYS-6a	0	54
Pd-109(n,3n)Pd-107g	TALYS-6a	0	31
Pd-109(n,3n)Pd-107m	TALYS-6a	0	31
Pd-109(n,n'a)Ru-105	TALYS-6a	0 [8]	50
Pd-109(n,2na)Ru-104	TALYS-6a	0 [8]	36
Pd-109(n,3na)Ru-103	TALYS-6a	0 [8]	24
Pd-109(n,n'p)Rh-108g	TALYS-6a	0 [4,8]	40
Pd-109(n,n'p)Rh-108m	TALYS-6a	0 [4,7,8,8]	40
Pd-109(n,n'2a)Mo-101	TALYS-6a	0 [8]	26
Pd-109(n,2n2a)Mo-100	TALYS-6a	0 [8]	22
Pd-109(n,n'd)Rh-107	TALYS-6a	0 [8]	31
Pd-109(n,n't)Rh-106g	TALYS-6a	0	29
Pd-109(n,n't)Rh-106m	TALYS-6a	0	29
Pd-109(n,n'h)Ru-106	TALYS-6a	0 [8]	27
Pd-109(n,4n)Pd-106	TALYS-6a	0	24
Pd-109(n,2np)Rh-107	TALYS-6a	0	30
Pd-109(n,3np)Rh-106g	TALYS-6a	0	21
Pd-109(n,3np)Rh-106m	TALYS-6a	0	21
Pd-109(n,n'2p)Ru-107	TALYS-6a	0 [8]	25
Pd-109(n,n'pa)Tc-104	TALYS-6a	0 [8]	25
Pd-109(n,g)Pd-110	MASGAM	0 [14,13]	83
Pd-109(n,p)Rh-109	TALYS-6a	0 [2,8]	74
Pd-109(n,d)Rh-108g	TALYS-6a	0 [4,8]	44
Pd-109(n,d)Rh-108m	TALYS-6a	0 [4,7,8,8]	44
Pd-109(n,t)Rh-107	TALYS-6a	0 [8]	43
Pd-109(n,h)Ru-107	TALYS-6a	0 [8]	33
Pd-109(n,a)Ru-106	TALYS-6a	0 [2]	100
Pd-109(n,2p)Ru-108	TALYS-6a	0 [8]	34
Pd-109(n,pa)Tc-105	TALYS-6a	0 [8]	35
Pd-109(n,pd)Ru-107	TALYS-6a	0 [8]	27
Pd-109(n,pt)Ru-106	TALYS-6a	0 [8]	27
Pd-109(n,da)Tc-104	TALYS-6a	0 [8]	26
Pd-109(n,5n)Pd-105	TALYS-6a	0	16
Pd-109(n,6n)Pd-104	TALYS-6a	0	12
Pd-109(n,2nt)Rh-105g	TALYS-6a	0	22
Pd-109(n,2nt)Rh-105m	TALYS-6a	0	22
Pd-109(n,ta)Tc-103	TALYS-6a	0 [8]	27
Pd-109(n,4np)Rh-105g	TALYS-6a	0	15
Pd-109(n,4np)Rh-105m	TALYS-6a	0	15
Pd-109(n,3nd)Rh-105g	TALYS-6a	0	16
Pd-109(n,3nd)Rh-105m	TALYS-6a	0	16
Pd-109(n,n'da)Tc-103	TALYS-6a	0 [8]	21
Pd-109(n,2npa)Tc-103	TALYS-6a	0 [8]	19
Pd-109(n,7n)Pd-103	TALYS-6a	0	7
Pd-109(n,5np)Rh-104g	TALYS-6a	0	11
Pd-109(n,5np)Rh-104m	TALYS-6a	0	11
Pd-109(n,6np)Rh-103g	TALYS-6a	0	8
Pd-109(n,6np)Rh-103m	TALYS-6a	0	8
Pd-109(n,4na)Ru-102	TALYS-6a	0 [8]	18
Pd-109(n,5na)Ru-101	TALYS-6a	0 [8]	12
Pd-109(n,6na)Ru-100	TALYS-6a	0 [8]	9
Pd-109(n,4nd)Rh-104g	TALYS-6a	0	12
Pd-109(n,4nd)Rh-104m	TALYS-6a	0	12
Pd-109(n,5nd)Rh-103g	TALYS-6a	0	8
Pd-109(n,5nd)Rh-103m	TALYS-6a	0	8
Pd-109(n,3nt)Rh-104g	TALYS-6a	0	15
Pd-109(n,3nt)Rh-104m	TALYS-6a	0	15
Pd-109(n,4nt)Rh-103g	TALYS-6a	0	11
Pd-109(n,4nt)Rh-103m	TALYS-6a	0	11
Pd-109(n,5nt)Rh-102g	TALYS-6a	0	6
Pd-109(n,5nt)Rh-102m	TALYS-6a	0	6
Pd-109(n,2nh)Ru-105	TALYS-6a	0 [8]	18
Pd-109(n,3nh)Ru-104	TALYS-6a	0 [8]	14
Pd-109(n,4nh)Ru-103	TALYS-6a	0 [8]	10
Pd-109(n,3n2p)Ru-105	TALYS-6a	0 [8]	14
Pd-109(n,3n2a)Mo-99	TALYS-6a	0 [8]	14
Pd-109(n,3npa)Tc-102g	TALYS-6a	0 [4,8]	14
Pd-109(n,3npa)Tc-102m	TALYS-6a	0 [4,7,8,8]	14
Pd-109(n,n'pd)Ru-106	TALYS-6a	0 [8]	21
Pd-109(n,n'pt)Ru-105	TALYS-6a	0 [8]	18
Pd-109(n,n'dt)Ru-104	TALYS-6a	0 [8]	15
Pd-109(n,n'ph)Tc-105	TALYS-6a	0 [8]	14
Pd-109(n,n'ta)Tc-102g	TALYS-6a	0 [4,8]	18
Pd-109(n,n'ta)Tc-102m	TALYS-6a	0 [4,7,8,8]	18
Pd-109(n,2n2p)Ru-106	TALYS-6a	0 [8]	19
Pd-109(n,4n2p)Ru-104	TALYS-6a	0 [8]	11
Pd-109(n,4n2a)Mo-98	TALYS-6a	0 [8]	12
Pd-109(n,4npa)Tc-101	TALYS-6a	0 [8]	11
Pd-109(n,5n2p)Ru-103	TALYS-6a	0 [8]	7
Pd-110(n,2nd)Rh-107	TALYS-6a	0 [8]	23
>Pd-110(n,2n)Pd-109g	ADL-3	2 [13,3]	45
Pd-110(n,2n)Pd-109m	ADL-3	6 [13,3]	45
Pd-110(n,3n)Pd-108	TALYS-6a	0	31
Pd-110(n,n'a)Ru-106	TALYS-6a	0 [8]	49
Pd-110(n,2na)Ru-105	TALYS-6a	0 [8]	30
Pd-110(n,3na)Ru-104	TALYS-6a	0 [8]	24
Pd-110(n,n'p)Rh-109	TALYS-6a	0 [8]	39
Pd-110(n,n'2a)Mo-102	TALYS-6a	0 [8]	26
Pd-110(n,2n2a)Mo-101	TALYS-6a	0 [8]	17
Pd-110(n,n'd)Rh-108g	TALYS-6a	0 [4,8]	29
Pd-110(n,n'd)Rh-108m	TALYS-6a	0 [4,7,8,8]	28
Pd-110(n,n't)Rh-107	TALYS-6a	0 [8]	29
Pd-110(n,n'h)Ru-107	TALYS-6a	0 [8]	23
Pd-110(n,4n)Pd-107g	TALYS-6a	0	22
Pd-110(n,4n)Pd-107m	TALYS-6a	0	22
Pd-110(n,2np)Rh-108g	TALYS-6a	0 [4,8]	27

Reaction	Library		Refs	Value	Reaction	Library		Refs	Value
Pd-110(n,2np)Rh-108m	TALYS-6a	0	[4,7,8,8]	26	Pd-112(n,5na)Ru-104	TALYS-6a	0	[8]	13
Pd-110(n,3np)Rh-107	TALYS-6a	0		21	Pd-112(n,6na)Ru-103	TALYS-6a	0	[8]	8
Pd-110(n,n'2p)Ru-108	TALYS-6a	0	[8]	24	Pd-112(n,4nd)Rh-107	TALYS-6a	0	[8]	12
Pd-110(n,n'pa)Tc-105	TALYS-6a	0	[8]	24	Pd-112(n,5nd)Rh-106g	TALYS-6a	0		8
Pd-110(n,g)Pd-111g	JEF-2.2	4	[14,13,4,6]	7539	Pd-112(n,5nd)Rh-106m	TALYS-6a	0		8
Pd-110(n,g)Pd-111m	JEF-2.2	4	[14,13,4,6]	7539	Pd-112(n,6nd)Rh-105g	TALYS-6a	0		5
Pd-110(n,p)Rh-110g	TALYS-6a	0	[4,2,8]	59	Pd-112(n,6nd)Rh-105m	TALYS-6a	0		5
Pd-110(n,p)Rh-110m	TALYS-6a	0	[4,7,8,2,8]	58	Pd-112(n,3nt)Rh-107	TALYS-6a	0	[8]	15
Pd-110(n,d)Rh-109	TALYS-6a	0	[8]	43	Pd-112(n,4nt)Rh-106g	TALYS-6a	0		11
Pd-110(n,t)Rh-108g	TALYS-6a	0	[4,8]	38	Pd-112(n,4nt)Rh-106m	TALYS-6a	0		11
Pd-110(n,t)Rh-108m	TALYS-6a	0	[4,7,8,8]	37	Pd-112(n,5nt)Rh-105g	TALYS-6a	0		8
Pd-110(n,h)Ru-108	TALYS-6a	0	[8]	31	Pd-112(n,5nt)Rh-105m	TALYS-6a	0		8
Pd-110(n,a)Ru-107	TALYS-6a	1	[2]	100	Pd-112(n,2nh)Ru-108	TALYS-6a	0	[8]	17
Pd-110(n,2p)Ru-109	TALYS-6a	0	[8]	29	Pd-112(n,3nh)Ru-107	TALYS-6a	0	[8]	13
Pd-110(n,pa)Tc-106	TALYS-6a	0	[8]	29	Pd-112(n,4nh)Ru-106	TALYS-6a	0	[8]	10
Pd-110(n,pd)Ru-108	TALYS-6a	0	[8]	25	Pd-112(n,3n2p)Ru-108	TALYS-6a	0	[8]	13
Pd-110(n,da)Tc-105	TALYS-6a	0	[8]	25	Pd-112(n,3n2a)Mo-102	TALYS-6a	0	[8]	13
Pd-110(n,5n)Pd-106	TALYS-6a	0		16	Pd-112(n,3npa)Tc-105	TALYS-6a	0	[8]	13
Pd-110(n,6n)Pd-105	TALYS-6a	0		11	Pd-112(n,n'pd)Ru-109	TALYS-6a	0	[8]	16
Pd-110(n,2nt)Rh-106g	TALYS-6a	0		20	Pd-112(n,n'pt)Ru-108	TALYS-6a	0	[8]	17
Pd-110(n,2nt)Rh-106m	TALYS-6a	0		20	Pd-112(n,n'dt)Ru-107	TALYS-6a	0	[8]	14
Pd-110(n,4np)Rh-106g	TALYS-6a	0		14	Pd-112(n,n'ta)Tc-105	TALYS-6a	0	[8]	17
Pd-110(n,4np)Rh-106m	TALYS-6a	0		14	Pd-112(n,2n2p)Ru-109	TALYS-6a	0	[8]	16
Pd-110(n,3nd)Rh-106g	TALYS-6a	0		15	Pd-112(n,4n2p)Ru-107	TALYS-6a	0	[8]	9
Pd-110(n,3nd)Rh-106m	TALYS-6a	0		15	Pd-112(n,4n2a)Mo-101	TALYS-6a	0	[8]	9
Pd-110(n,n'da)Tc-104	TALYS-6a	0	[8]	17	Pd-112(n,4npa)Tc-104	TALYS-6a	0	[8]	9
Pd-110(n,2npa)Tc-104	TALYS-6a	0	[8]	16	Ag-105(n,n')Ag-105m	TALYS-6a	0		91
Pd-110(n,7n)Pd-104	TALYS-6a	0		8	Ag-105(n,2nd)Pd-102	TALYS-6a	0	[8]	25
Pd-110(n,5np)Rh-105g	TALYS-6a	0		11	Ag-105(n,2n)Ag-104g	TALYS-6a	0		41
Pd-110(n,5np)Rh-105m	TALYS-6a	0		11	Ag-105(n,2n)Ag-104m	TALYS-6a	0		41
Pd-110(n,6np)Rh-104g	TALYS-6a	0		7	Ag-105(n,3n)Ag-103g	TALYS-6a	0		28
Pd-110(n,6np)Rh-104m	TALYS-6a	0		7	Ag-105(n,3n)Ag-103m	TALYS-6a	0		28
Pd-110(n,4na)Ru-103	TALYS-6a	0	[8]	16	Ag-105(n,n'a)Rh-101g	TALYS-6a	0		61
Pd-110(n,5na)Ru-102	TALYS-6a	0	[8]	13	Ag-105(n,n'a)Rh-101m	TALYS-6a	0		60
Pd-110(n,6na)Ru-101	TALYS-6a	0	[8]	8	Ag-105(n,n'3a)Nb-93g	TALYS-6a	0		22
Pd-110(n,4nd)Rh-105g	TALYS-6a	0		12	Ag-105(n,n'3a)Nb-93m	TALYS-6a	0		21
Pd-110(n,4nd)Rh-105m	TALYS-6a	0		12	Ag-105(n,2na)Rh-100g	TALYS-6a	0	[4,8]	32
Pd-110(n,5nd)Rh-104g	TALYS-6a	0		7	Ag-105(n,2na)Rh-100m	TALYS-6a	0	[4,7,8,8]	31
Pd-110(n,5nd)Rh-104m	TALYS-6a	0		7	Ag-105(n,3na)Rh-99g	TALYS-6a	0		23
Pd-110(n,3nt)Rh-105g	TALYS-6a	0		15	Ag-105(n,3na)Rh-99m	TALYS-6a	0		23
Pd-110(n,3nt)Rh-105m	TALYS-6a	0		15	Ag-105(n,n'p)Pd-104	TALYS-6a	0	[8]	58
Pd-110(n,4nt)Rh-104g	TALYS-6a	0		10	Ag-105(n,n'2a)Tc-97g	TALYS-6a	0		35
Pd-110(n,4nt)Rh-104m	TALYS-6a	0		10	Ag-105(n,n'2a)Tc-97m	TALYS-6a	0		34
Pd-110(n,5nt)Rh-103g	TALYS-6a	0		7	Ag-105(n,2n2a)Tc-96g	TALYS-6a	0		23
Pd-110(n,5nt)Rh-103m	TALYS-6a	0		7	Ag-105(n,2n2a)Tc-96m	TALYS-6a	0		23
Pd-110(n,2nh)Ru-106	TALYS-6a	0	[8]	18	Ag-105(n,n'd)Pd-103	TALYS-6a	0	[8]	34
Pd-110(n,3nh)Ru-105	TALYS-6a	0	[8]	13	Ag-105(n,n't)Pd-102	TALYS-6a	0	[8]	31
Pd-110(n,4nh)Ru-104	TALYS-6a	0	[8]	10	Ag-105(n,n'h)Rh-102g	TALYS-6a	0		28
Pd-110(n,3n2p)Ru-106	TALYS-6a	0	[8]	13	Ag-105(n,n'h)Rh-102m	TALYS-6a	0		27
Pd-110(n,3n2a)Mo-100	TALYS-6a	0	[8]	14	Ag-105(n,n'd2a)Mo-95	TALYS-6a	0	[8]	16
Pd-110(n,3npa)Tc-103	TALYS-6a	0	[8]	13	Ag-105(n,n't2a)Mo-94	TALYS-6a	0	[8]	15
Pd-110(n,n'pd)Ru-107	TALYS-6a	0	[8]	18	Ag-105(n,4n)Ag-102g	TALYS-6a	0		17
Pd-110(n,n'pt)Ru-106	TALYS-6a	0	[8]	18	Ag-105(n,4n)Ag-102m	TALYS-6a	0		17
Pd-110(n,n'dt)Ru-105	TALYS-6a	0	[8]	14	Ag-105(n,2np)Pd-103	TALYS-6a	0		31
Pd-110(n,n'ta)Tc-103	TALYS-6a	0	[8]	18	Ag-105(n,3np)Pd-102	TALYS-6a	0	[8]	23
Pd-110(n,2n2p)Ru-107	TALYS-6a	0	[8]	16	Ag-105(n,n'2p)Rh-103g	TALYS-6a	0		30
Pd-110(n,4n2p)Ru-105	TALYS-6a	0	[8]	9	Ag-105(n,n'2p)Rh-103m	TALYS-6a	0		30
Pd-110(n,4n2a)Mo-99	TALYS-6a	0	[8]	9	Ag-105(n,n'pa)Ru-100	TALYS-6a	0	[8]	36
Pd-110(n,4npa)Tc-102g	TALYS-6a	0	[4,8]	9	Ag-105(n,g)Ag-106g	MASGAM	0	[14,13,4,6]	83
Pd-110(n,4npa)Tc-102m	TALYS-6a	0	[4,7,8,8]	9	Ag-105(n,g)Ag-106m	MASGAM	0	[14,13,4,6]	83
Pd-112(n,2nd)Rh-109	TALYS-6a	0	[8]	23	Ag-105(n,p)Pd-105	TALYS-6a	0	[2]	100
Pd-112(n,2n)Pd-111g	TALYS-6a	0		45	Ag-105(n,d)Pd-104	TALYS-6a	0	[8]	67
Pd-112(n,2n)Pd-111m	TALYS-6a	0		44	Ag-105(n,t)Pd-103	TALYS-6a	0	[8]	47
Pd-112(n,3n)Pd-110	TALYS-6a	0		33	Ag-105(n,h)Rh-103g	TALYS-6a	0		43
Pd-112(n,n'a)Ru-108	TALYS-6a	0	[8]	46	Ag-105(n,h)Rh-103m	TALYS-6a	0		43
Pd-112(n,2na)Ru-107	TALYS-6a	0	[8]	30	Ag-105(n,a)Rh-102g	TALYS-6a	0	[2]	100
Pd-112(n,3na)Ru-106	TALYS-6a	0	[8]	25	Ag-105(n,a)Rh-102m	TALYS-6a	0	[2]	100
Pd-112(n,n'p)Rh-111	TALYS-6a	0	[8]	37	Ag-105(n,2a)Tc-98	TALYS-6a	0		100
Pd-112(n,n'2a)Mo-104	TALYS-6a	0	[8]	24	Ag-105(n,2p)Rh-104g	TALYS-6a	0		43
Pd-112(n,2n2a)Mo-103	TALYS-6a	0	[8]	16	Ag-105(n,2p)Rh-104m	TALYS-6a	0		43
Pd-112(n,n'd)Rh-110g	TALYS-6a	0	[4,8]	29	Ag-105(n,pa)Ru-101	TALYS-6a	0	[8]	57
Pd-112(n,n'd)Rh-110m	TALYS-6a	0	[4,7,8,8]	28	Ag-105(n,t2a)Mo-95	TALYS-6a	0	[8]	21
Pd-112(n,n't)Rh-109	TALYS-6a	0	[8]	29	Ag-105(n,d2a)Mo-96	TALYS-6a	0	[8]	24
Pd-112(n,n'h)Ru-109	TALYS-6a	0	[8]	22	Ag-105(n,pd)Rh-103g	TALYS-6a	0		32
Pd-112(n,4n)Pd-109g	TALYS-6a	0		23	Ag-105(n,pd)Rh-103m	TALYS-6a	0		33
Pd-112(n,4n)Pd-109m	TALYS-6a	0		23	Ag-105(n,pt)Rh-102g	TALYS-6a	0		28
Pd-112(n,2np)Rh-110g	TALYS-6a	0	[4,8]	27	Ag-105(n,pt)Rh-102m	TALYS-6a	0		28
Pd-112(n,2np)Rh-110m	TALYS-6a	0	[4,7,8,8]	25	Ag-105(n,da)Ru-100	TALYS-6a	0	[8]	39
Pd-112(n,3np)Rh-109	TALYS-6a	0	[8]	21	Ag-105(n,5n)Ag-101g	TALYS-6a	0		12
Pd-112(n,n'2p)Ru-110	TALYS-6a	0	[8]	22	Ag-105(n,5n)Ag-101m	TALYS-6a	0		12
Pd-112(n,n'pa)Tc-107	TALYS-6a	0	[8]	22	Ag-105(n,6n)Ag-100g	TALYS-6a	0		7
>Pd-112(n,g)Pd-113g	TALYS-6a	0		100	Ag-105(n,6n)Ag-100m	TALYS-6a	0		7
>Pd-112(n,g)Pd-113m	TALYS-6a	0		100	Ag-105(n,2nt)Pd-101	TALYS-6a	0	[8]	20
+Pd-112(n,p)Rh-112g	TALYS-6a	0	[4,8]	52	Ag-105(n,ta)Ru-99	TALYS-6a	0	[8]	31
+Pd-112(n,p)Rh-112m	TALYS-6a	0	[4,7,8,8]	51	Ag-105(n,4np)Pd-101	TALYS-6a	0		15
Pd-112(n,d)Rh-111	TALYS-6a	0	[8]	41	Ag-105(n,3nd)Pd-101	TALYS-6a	0		16
Pd-112(n,t)Rh-110g	TALYS-6a	0	[4,8]	38	Ag-105(n,n'da)Ru-99	TALYS-6a	0	[8]	25
Pd-112(n,t)Rh-110m	TALYS-6a	0	[4,7,8,8]	37	Ag-105(n,2npa)Ru-99	TALYS-6a	0	[8]	24
Pd-112(n,h)Ru-110	TALYS-6a	0	[8]	30	Ag-105(n,5np)Pd-100	TALYS-6a	0		11
Pd-112(n,a)Ru-109	TALYS-6a	0	[2]	100	Ag-105(n,6np)Pd-99	TALYS-6a	0		5
Pd-112(n,2p)Ru-111	TALYS-6a	0	[8]	27	Ag-105(n,4na)Rh-98g	TALYS-6a	0	[4,8]	14
Pd-112(n,pd)Ru-110	TALYS-6a	0	[8]	24	Ag-105(n,4na)Rh-98m	TALYS-6a	0	[4,7,8,8]	13
Pd-112(n,5n)Pd-108	TALYS-6a	0		17	Ag-105(n,5na)Rh-97g	TALYS-6a	0		10
Pd-112(n,6n)Pd-107g	TALYS-6a	0		12	Ag-105(n,5na)Rh-97m	TALYS-6a	0		10
Pd-112(n,6n)Pd-107m	TALYS-6a	0		12	Ag-105(n,4nd)Pd-100	TALYS-6a	0	[8]	11
Pd-112(n,2nt)Rh-108g	TALYS-6a	0	[4,8]	20	Ag-105(n,3nt)Pd-100	TALYS-6a	0	[8]	14
Pd-112(n,2nt)Rh-108m	TALYS-6a	0	[4,7,8,8]	20	Ag-105(n,4nt)Pd-99	TALYS-6a	0	[8,7,8]	8
Pd-112(n,4np)Rh-108g	TALYS-6a	0	[4]	15	Ag-105(n,2nh)Rh-101g	TALYS-6a	0		20
Pd-112(n,4np)Rh-108m	TALYS-6a	0	[4,7,8]	15	Ag-105(n,2nh)Rh-101m	TALYS-6a	0		20
Pd-112(n,3nd)Rh-108g	TALYS-6a	0	[4]	16	Ag-105(n,3nh)Rh-100g	TALYS-6a	0	[4,8]	14
Pd-112(n,3nd)Rh-108m	TALYS-6a	0	[4,7,8]	16	Ag-105(n,3nh)Rh-100m	TALYS-6a	0	[4,7,8,8]	13
Pd-112(n,n'da)Tc-106	TALYS-6a	0	[8]	16	Ag-105(n,4nh)Rh-99g	TALYS-6a	0		10
Pd-112(n,2npa)Tc-106	TALYS-6a	0	[8]	16	Ag-105(n,4nh)Rh-99m	TALYS-6a	0		10
Pd-112(n,7n)Pd-106	TALYS-6a	0		9	Ag-105(n,3n2p)Rh-101g	TALYS-6a	0		15
Pd-112(n,8n)Pd-105	TALYS-6a	0		4	Ag-105(n,3n2p)Rh-101m	TALYS-6a	0		15
Pd-112(n,5np)Rh-107	TALYS-6a	0		12	Ag-105(n,3n2a)Tc-95g	TALYS-6a	0		16
Pd-112(n,6np)Rh-106g	TALYS-6a	0		7	Ag-105(n,3n2a)Tc-95m	TALYS-6a	0		16
Pd-112(n,6np)Rh-106m	TALYS-6a	0		7	Ag-105(n,3npa)Ru-98	TALYS-6a	0	[8]	16
Pd-112(n,4na)Ru-105	TALYS-6a	0	[8]	16					

Reaction	Source	Flag	Value
Ag-105(n,dt)Rh-101g	TALYS-6a	0	22
Ag-105(n,dt)Rh-101m	TALYS-6a	0	22
Ag-105(n,n'pd)Rh-102g	TALYS-6a	0	22
Ag-105(n,n'pd)Rh-102m	TALYS-6a	0	22
Ag-105(n,n'pt)Rh-101g	TALYS-6a	0	21
Ag-105(n,n'pt)Rh-101m	TALYS-6a	0	21
Ag-105(n,n'dt)Rh-100g	TALYS-6a	0 [4,8]	14
Ag-105(n,n'dt)Rh-100m	TALYS-6a	0 [4,7,8,8]	13
Ag-105(n,n'ph)Ru-101	TALYS-6a	0 [8]	18
Ag-105(n,n'dh)Ru-100	TALYS-6a	0 [8]	14
Ag-105(n,n'th)Ru-99	TALYS-6a	0 [8]	12
Ag-105(n,n'ta)Ru-98	TALYS-6a	0 [8]	23
Ag-105(n,2n2p)Rh-102g	TALYS-6a	0	21
Ag-105(n,2n2p)Rh-102m	TALYS-6a	0	21
Ag-105(n,ph)Ru-102	TALYS-6a	0 [8]	28
Ag-105(n,ha)Tc-99g	TALYS-6a	0	27
Ag-105(n,ha)Tc-99m	TALYS-6a	0	27
Ag-105(n,4n2p)Rh-100g	TALYS-6a	0 [4,8]	10
Ag-105(n,4n2p)Rh-100m	TALYS-6a	0 [4,7,8,8]	9
Ag-105(n,4n2a)Tc-94g	TALYS-6a	0	11
Ag-105(n,4n2a)Tc-94m	TALYS-6a	0	10
Ag-105(n,4npa)Ru-97	TALYS-6a	0 [8]	11
Ag-105(n,3p)Ru-103	TALYS-6a	0 [8]	27
Ag-105(n,n'3p)Ru-102	TALYS-6a	0 [8]	21
Ag-105(n,3n2pa)Tc-97g	TALYS-6a	0	10
Ag-105(n,3n2pa)Tc-97m	TALYS-6a	0	10
Ag-105(n,5n2p)Rh-99g	TALYS-6a	0	6
Ag-105(n,5n2p)Rh-99m	TALYS-6a	0	6
Ag-106(n,n')Ag-106g	TALYS-6a	0 [8,8]	97
Ag-106m(n,2nd)Pd-103	TALYS-6a	0 [8]	25
Ag-106m(n,2n)Ag-105g	TALYS-6a	0 [15]	46
Ag-106m(n,2n)Ag-105m	TALYS-6a	0	46
Ag-106m(n,3n)Ag-104g	TALYS-6a	0	28
Ag-106m(n,3n)Ag-104m	TALYS-6a	0	28
Ag-106m(n,n'a)Rh-102g	TALYS-6a	0	59
Ag-106m(n,n'a)Rh-102m	TALYS-6a	0	58
Ag-106m(n,n'3a)Nb-94g	TALYS-6a	0	20
Ag-106m(n,n'3a)Nb-94m	TALYS-6a	0	20
Ag-106m(n,2na)Rh-101g	TALYS-6a	0	36
Ag-106m(n,2na)Rh-101m	TALYS-6a	0	35
Ag-106m(n,3na)Rh-100g	TALYS-6a	0 [4,8]	23
Ag-106m(n,3na)Rh-100m	TALYS-6a	0 [4,7,8,8]	22
Ag-106m(n,n'p)Pd-105	TALYS-6a	0 [8]	54
Ag-106m(n,n'2a)Tc-98	TALYS-6a	0 [8]	33
Ag-106m(n,2n2a)Tc-97g	TALYS-6a	0	25
Ag-106m(n,2n2a)Tc-97m	TALYS-6a	0	24
Ag-106m(n,n'd)Pd-104	TALYS-6a	0 [8]	38
Ag-106m(n,n't)Pd-103	TALYS-6a	0 [8]	31
Ag-106m(n,n'h)Rh-103g	TALYS-6a	0	29
Ag-106m(n,n'h)Rh-103m	TALYS-6a	0	29
Ag-106m(n,n'd2a)Mo-96	TALYS-6a	0 [8]	16
Ag-106m(n,n't2a)Mo-95	TALYS-6a	0 [8]	14
Ag-106m(n,4n)Ag-103g	TALYS-6a	0	20
Ag-106m(n,4n)Ag-103m	TALYS-6a	0	20
Ag-106m(n,2np)Pd-104	TALYS-6a	0 [8]	35
Ag-106m(n,3np)Pd-103	TALYS-6a	0	23
Ag-106m(n,n'2p)Rh-104g	TALYS-6a	0	29
Ag-106m(n,n'2p)Rh-104m	TALYS-6a	0	29
Ag-106m(n,n'pa)Ru-101	TALYS-6a	0 [8]	34
Ag-106m(n,g)Ag-107g	MASGAM	0 [14,13,4,6]	83
Ag-106m(n,g)Ag-107m	MASGAM	0 [14,13,4,6]	83
Ag-106m(n,p)Pd-106	TALYS-6a	0 [2]	100
Ag-106m(n,d)Pd-105	TALYS-6a	0 [8]	63
Ag-106m(n,t)Pd-104	TALYS-6a	0 [8]	57
Ag-106m(n,h)Rh-104g	TALYS-6a	0	40
Ag-106m(n,h)Rh-104m	TALYS-6a	0	40
Ag-106m(n,a)Rh-103g	TALYS-6a	0 [2]	100
Ag-106m(n,a)Rh-103m	TALYS-6a	0 [2]	100
Ag-106m(n,2a)Tc-99g	TALYS-6a	0	100
Ag-106m(n,2a)Tc-99m	TALYS-6a	0	100
Ag-106m(n,2p)Rh-105g	TALYS-6a	0	45
Ag-106m(n,2p)Rh-105m	TALYS-6a	0	45
Ag-106m(n,pa)Ru-102	TALYS-6a	0	100
Ag-106m(n,pd)Rh-104g	TALYS-6a	0	31
Ag-106m(n,pd)Rh-104m	TALYS-6a	0	31
Ag-106m(n,pt)Rh-103g	TALYS-6a	0	30
Ag-106m(n,pt)Rh-103m	TALYS-6a	0	30
Ag-106m(n,da)Ru-101	TALYS-6a	0 [8]	36
Ag-106m(n,5n)Ag-102g	TALYS-6a	0	13
Ag-106m(n,5n)Ag-102m	TALYS-6a	0	13
Ag-106m(n,6n)Ag-101g	TALYS-6a	0	8
Ag-106m(n,6n)Ag-101m	TALYS-6a	0	8
Ag-106m(n,2nt)Pd-102	TALYS-6a	0 [8]	23
Ag-106m(n,ta)Ru-100	TALYS-6a	0 [8]	34
Ag-106m(n,4np)Pd-102	TALYS-6a	0	16
Ag-106m(n,3nd)Pd-102	TALYS-6a	0 [8]	17
Ag-106m(n,n'da)Ru-100	TALYS-6a	0 [8]	27
Ag-106m(n,2npa)Ru-100	TALYS-6a	0 [8]	25
Ag-106m(n,5np)Pd-101	TALYS-6a	0	11
Ag-106m(n,6np)Pd-100	TALYS-6a	0	7
Ag-106m(n,4na)Rh-99g	TALYS-6a	0	16
Ag-106m(n,4na)Rh-99m	TALYS-6a	0	16
Ag-106m(n,5na)Rh-98g	TALYS-6a	0 [4,8]	10
Ag-106m(n,5na)Rh-98m	TALYS-6a	0 [4,7,8,8]	9
Ag-106m(n,6na)Rh-97g	TALYS-6a	0	6
Ag-106m(n,6na)Rh-97m	TALYS-6a	0	6
Ag-106m(n,4nd)Pd-101	TALYS-6a	0	12
Ag-106m(n,5nd)Pd-100	TALYS-6a	0 [8]	7
Ag-106m(n,3nt)Pd-101	TALYS-6a	0 [8]	14
Ag-106m(n,4nt)Pd-100	TALYS-6a	0 [8]	10
Ag-106m(n,2nh)Rh-102g	TALYS-6a	0	20
Ag-106m(n,2nh)Rh-102m	TALYS-6a	0	20
Ag-106m(n,3nh)Rh-101g	TALYS-6a	0	15
Ag-106m(n,3nh)Rh-101m	TALYS-6a	0	15
Ag-106m(n,4nh)Rh-100g	TALYS-6a	0 [4,8]	10
Ag-106m(n,4nh)Rh-100m	TALYS-6a	0 [4,7,8,8]	9
Ag-106m(n,3n2p)Rh-102g	TALYS-6a	0	15
Ag-106m(n,3n2p)Rh-102m	TALYS-6a	0	15
Ag-106m(n,3n2a)Tc-96g	TALYS-6a	0	16
Ag-106m(n,3n2a)Tc-96m	TALYS-6a	0	16
Ag-106m(n,3npa)Ru-99	TALYS-6a	0 [8]	16
Ag-106m(n,dt)Rh-102g	TALYS-6a	0	21
Ag-106m(n,dt)Rh-102m	TALYS-6a	0	21
Ag-106m(n,n'pd)Rh-103g	TALYS-6a	0	24
Ag-106m(n,n'pd)Rh-103m	TALYS-6a	0	24
Ag-106m(n,n'pt)Rh-102g	TALYS-6a	0	20
Ag-106m(n,n'pt)Rh-102m	TALYS-6a	0	20
Ag-106m(n,n'dt)Rh-101g	TALYS-6a	0	15
Ag-106m(n,n'dt)Rh-101m	TALYS-6a	0	15
Ag-106m(n,n'ph)Ru-102	TALYS-6a	0 [8]	20
Ag-106m(n,n'dh)Ru-101	TALYS-6a	0 [8]	14
Ag-106m(n,n'th)Ru-100	TALYS-6a	0 [8]	13
Ag-106m(n,n'ta)Ru-99	TALYS-6a	0 [8]	23
Ag-106m(n,2n2p)Rh-103g	TALYS-6a	0	22
Ag-106m(n,2n2p)Rh-103m	TALYS-6a	0	22
Ag-106m(n,ph)Ru-103	TALYS-6a	0 [8]	25
Ag-106m(n,ha)Tc-100	TALYS-6a	0 [8]	25
Ag-106m(n,4n2p)Rh-101g	TALYS-6a	0	11
Ag-106m(n,4n2p)Rh-101m	TALYS-6a	0	11
Ag-106m(n,4n2a)Tc-95g	TALYS-6a	0	12
Ag-106m(n,4n2a)Tc-95m	TALYS-6a	0	11
Ag-106m(n,4npa)Ru-98	TALYS-6a	0 [8]	12
Ag-106m(n,3p)Ru-104	TALYS-6a	0 [8]	28
Ag-106m(n,n'3p)Ru-103	TALYS-6a	0 [8]	18
Ag-106m(n,3n2pa)Tc-98	TALYS-6a	0 [8]	10
Ag-106m(n,5n2p)Rh-100g	TALYS-6a	0 [4,8]	6
Ag-106m(n,5n2p)Rh-100m	TALYS-6a	0 [4,7,8,8]	5
Ag-107(n,n')Ag-107m	TALYS-5	4	90
Ag-107(n,2nd)Pd-104	TALYS-6a	0 [8]	25
Ag-107(n,2n)Ag-106g	TALYS-5	6 [3]	42
Ag-107(n,2n)Ag-106m	TALYS-5	4 [3]	42
Ag-107(n,3n)Ag-105g	TALYS-6a	0	29
Ag-107(n,3n)Ag-105m	TALYS-6a	0	29
Ag-107(n,n'a)Rh-103g	TALYS-6a	0	57
Ag-107(n,n'a)Rh-103m	TALYS-6a	0	57
Ag-107(n,n'3a)Nb-95g	TALYS-6a	0	19
Ag-107(n,n'3a)Nb-95m	TALYS-6a	0	17
Ag-107(n,2na)Rh-102g	TALYS-6a	0	31
Ag-107(n,2na)Rh-102m	TALYS-6a	0	31
Ag-107(n,3na)Rh-101g	TALYS-6a	0	24
Ag-107(n,3na)Rh-101m	TALYS-6a	0	24
Ag-107(n,n'p)Pd-106	TALYS-6a	0 [8]	54
Ag-107(n,n'2a)Tc-99g	TALYS-6a	0	31
Ag-107(n,n'2a)Tc-99m	TALYS-6a	0	31
Ag-107(n,2n2a)Tc-98	TALYS-6a	0 [8]	22
Ag-107(n,n'd)Pd-105	TALYS-6a	0 [8]	33
Ag-107(n,n't)Pd-104	TALYS-6a	0 [8]	31
Ag-107(n,n'h)Rh-104g	TALYS-6a	0	26
Ag-107(n,n'h)Rh-104m	TALYS-6a	0	26
Ag-107(n,n'd2a)Mo-97	TALYS-6a	0 [8]	14
Ag-107(n,n't2a)Mo-96	TALYS-6a	0 [8]	14
Ag-107(n,4n)Ag-104g	TALYS-6a	0	19
Ag-107(n,4n)Ag-104m	TALYS-6a	0	19
Ag-107(n,2np)Pd-105	TALYS-6a	0	31
Ag-107(n,3np)Pd-104	TALYS-6a	0 [8]	23
Ag-107(n,n'2p)Rh-105g	TALYS-6a	0	28
Ag-107(n,n'2p)Rh-105m	TALYS-6a	0	28
Ag-107(n,n'pa)Ru-102	TALYS-6a	0 [8]	32
Ag-107(n,g)Ag-108g	JEF-2.2	4 [9,2,4,6] 10628	
Ag-107(n,g)Ag-108m	JEF-2.2	2 [9,2,4,6] 10628	
Ag-107(n,p)Pd-107g	TALYS-6a	0 [9,2,3] 10420	
Ag-107(n,p)Pd-107m	TALYS-5a	4 [9,3,3] 10420	
Ag-107(n,d)Pd-106	TALYS-6a	0 [8]	63
Ag-107(n,t)Pd-105	TALYS-5	5 [8]	45
Ag-107(n,h)Rh-105g	TALYS-6a	0	40
Ag-107(n,h)Rh-105m	TALYS-6a	0	39
Ag-107(n,a)Rh-104g	TALYS-6a	0 [9,2,3] 10391	
Ag-107(n,a)Rh-104m	TALYS-6a	0 [9,2,3] 10391	
Ag-107(n,2a)Tc-100	TALYS-6a	0	100
Ag-107(n,2p)Rh-106g	TALYS-6a	0	39
Ag-107(n,2p)Rh-106m	TALYS-6a	0	39
Ag-107(n,pa)Ru-103	TALYS-6a	0 [8]	45
Ag-107(n,pd)Rh-105g	TALYS-6a	0	30
Ag-107(n,pd)Rh-105m	TALYS-6a	0	30
Ag-107(n,pt)Rh-104g	TALYS-6a	0	27
Ag-107(n,pt)Rh-104m	TALYS-6a	0	27
Ag-107(n,da)Ru-102	TALYS-6a	0 [8]	35
Ag-107(n,5n)Ag-103g	TALYS-6a	0	13
Ag-107(n,5n)Ag-103m	TALYS-6a	0	13
Ag-107(n,6n)Ag-102g	TALYS-6a	0	8
Ag-107(n,6n)Ag-102m	TALYS-6a	0	8
Ag-107(n,2nt)Pd-103	TALYS-6a	0 [8]	21
Ag-107(n,ta)Ru-101	TALYS-6a	0 [8]	30
Ag-107(n,4np)Pd-103	TALYS-6a	0	15
Ag-107(n,3nd)Pd-103	TALYS-6a	0	16
Ag-107(n,n'da)Ru-101	TALYS-6a	0 [8]	24
Ag-107(n,2npa)Ru-101	TALYS-6a	0 [8]	22
Ag-107(n,5np)Pd-102	TALYS-6a	0	11
Ag-107(n,6np)Pd-101	TALYS-6a	0	6
Ag-107(n,4na)Rh-100g	TALYS-6a	0 [4,8]	15
Ag-107(n,4na)Rh-100m	TALYS-6a	0 [4,7,8,8]	14
Ag-107(n,5na)Rh-99g	TALYS-6a	0	11
Ag-107(n,5na)Rh-99m	TALYS-6a	0	11
Ag-107(n,4nd)Pd-102	TALYS-6a	0	12
Ag-107(n,5nd)Pd-101	TALYS-6a	0	7
Ag-107(n,3nt)Pd-102	TALYS-6a	0 [8]	15
Ag-107(n,4nt)Pd-101	TALYS-6a	0 [8]	9
Ag-107(n,5nt)Pd-100	TALYS-6a	0 [8]	5
Ag-107(n,2nh)Rh-103g	TALYS-6a	0	19
Ag-107(n,2nh)Rh-103m	TALYS-6a	0	19
Ag-107(n,3nh)Rh-102g	TALYS-6a	0	13
Ag-107(n,3nh)Rh-102m	TALYS-6a	0	13

Reaction	Library			
Ag-107(n,4nh)Rh-101g	TALYS-6a	0		10
Ag-107(n,4nh)Rh-101m	TALYS-6a	0		10
Ag-107(n,3n2p)Rh-103g	TALYS-6a	0		14
Ag-107(n,3n2p)Rh-103m	TALYS-6a	0		14
Ag-107(n,3n2a)Tc-97g	TALYS-6a	0		15
Ag-107(n,3n2a)Tc-97m	TALYS-6a	0		15
Ag-107(n,3npa)Ru-100	TALYS-6a	0	[8]	16
Ag-107(n,dt)Rh-103g	TALYS-6a	0		21
Ag-107(n,dt)Rh-103m	TALYS-6a	0		21
Ag-107(n,n'pd)Rh-104g	TALYS-6a	0		21
Ag-107(n,n'pd)Rh-104m	TALYS-6a	0		21
Ag-107(n,n'pt)Rh-103g	TALYS-6a	0		20
Ag-107(n,n'pt)Rh-103m	TALYS-6a	0		20
Ag-107(n,n'dt)Rh-102g	TALYS-6a	0		14
Ag-107(n,n'dt)Rh-102m	TALYS-6a	0		14
Ag-107(n,n'ph)Ru-103	TALYS-6a	0	[8]	16
Ag-107(n,n'dh)Ru-102	TALYS-6a	0	[8]	13
Ag-107(n,n'ta)Ru-100	TALYS-6a	0	[8]	23
Ag-107(n,2n2p)Rh-104g	TALYS-6a	0		19
Ag-107(n,2n2p)Rh-104m	TALYS-6a	0		19
Ag-107(n,ph)Ru-104	TALYS-6a	0	[8]	25
Ag-107(n,4n2p)Rh-102g	TALYS-6a	0		10
Ag-107(n,4n2p)Rh-102m	TALYS-6a	0		10
Ag-107(n,4n2a)Tc-96g	TALYS-6a	0		10
Ag-107(n,4n2a)Tc-96m	TALYS-6a	0		10
Ag-107(n,n'4p)Ru-99	TALYS-6a	0	[8]	11
Ag-107(n,n'3p)Ru-104	TALYS-6a	0	[8]	18
Ag-107(n,3n2pa)Tc-99g	TALYS-6a	0		9
Ag-107(n,3n2pa)Tc-99m	TALYS-6a	0		9
Ag-107(n,5n2p)Rh-101g	TALYS-6a	0		6
Ag-107(n,5n2p)Rh-101m	TALYS-6a	0		6
Ag-108m(n,n')Ag-108g	TALYS-6a	0	[8]	97
Ag-108m(n,2nd)Pd-105	TALYS-6a	0	[8]	25
Ag-108m(n,2n)Ag-107g	TALYS-6a	0		49
Ag-108m(n,2n)Ag-107m	TALYS-6a	0		49
Ag-108m(n,3n)Ag-106g	TALYS-6a	0		30
Ag-108m(n,3n)Ag-106m	TALYS-6a	0		30
Ag-108m(n,n'a)Rh-104g	TALYS-6a	0		57
Ag-108m(n,n'a)Rh-104m	TALYS-6a	0		56
Ag-108m(n,n'3a)Nb-96	TALYS-6a	0	[8]	17
Ag-108m(n,2na)Rh-103g	TALYS-6a	0		36
Ag-108m(n,2na)Rh-103m	TALYS-6a	0		36
Ag-108m(n,3na)Rh-102g	TALYS-6a	0		24
Ag-108m(n,3na)Rh-102m	TALYS-6a	0		24
Ag-108m(n,n'p)Pd-107g	TALYS-6a	0		50
Ag-108m(n,n'p)Pd-107m	TALYS-6a	0		49
Ag-108m(n,n'2a)Tc-100	TALYS-6a	0	[8]	30
Ag-108m(n,2n2a)Tc-99g	TALYS-6a	0		24
Ag-108m(n,2n2a)Tc-99m	TALYS-6a	0		23
Ag-108m(n,n'd)Pd-106	TALYS-6a	0	[8]	38
Ag-108m(n,n't)Pd-105	TALYS-6a	0	[8]	31
Ag-108m(n,n'h)Rh-105g	TALYS-6a	0		28
Ag-108m(n,n'h)Rh-105m	TALYS-6a	0		28
Ag-108m(n,n'd2a)Mo-98	TALYS-6a	0	[8]	15
Ag-108m(n,4n)Ag-105g	TALYS-6a	0		22
Ag-108m(n,4n)Ag-105m	TALYS-6a	0		22
Ag-108m(n,2np)Pd-106	TALYS-6a	0	[8]	34
Ag-108m(n,3np)Pd-105	TALYS-6a	0	[8]	23
Ag-108m(n,n'2p)Rh-106g	TALYS-6a	0		27
Ag-108m(n,n'2p)Rh-106m	TALYS-6a	0		27
Ag-108m(n,n'pa)Ru-103	TALYS-6a	0	[8]	31
Ag-108m(n,g)Ag-109g	MASGAM	0	[14,13,4,6]	83
Ag-108m(n,g)Ag-109m	MASGAM	0	[14,13,4,6]	83
Ag-108m(n,p)Pd-108	TALYS-6a	0	[2]	100
Ag-108m(n,d)Pd-107g	TALYS-6a	0		59
Ag-108m(n,d)Pd-107m	TALYS-6a	0		58
Ag-108m(n,t)Pd-106	TALYS-6a	0	[8]	56
Ag-108m(n,h)Rh-106g	TALYS-6a	0		37
Ag-108m(n,h)Rh-106m	TALYS-6a	0		37
Ag-108m(n,a)Rh-105g	TALYS-6a	0	[2]	100
Ag-108m(n,a)Rh-105m	TALYS-6a	0	[2]	100
Ag-108m(n,2a)Tc-101	TALYS-6a	0		100
Ag-108m(n,2p)Rh-107	TALYS-6a	0	[8]	41
Ag-108m(n,pa)Ru-104	TALYS-6a	0	[8]	54
Ag-108m(n,pd)Rh-106g	TALYS-6a	0		29
Ag-108m(n,pd)Rh-106m	TALYS-6a	0		29
Ag-108m(n,pt)Rh-105g	TALYS-6a	0		29
Ag-108m(n,pt)Rh-105m	TALYS-6a	0		28
Ag-108m(n,da)Ru-103	TALYS-6a	0	[8]	33
Ag-108m(n,5n)Ag-104g	TALYS-6a	0		14
Ag-108m(n,5n)Ag-104m	TALYS-6a	0		14
Ag-108m(n,6n)Ag-103g	TALYS-6a	0		10
Ag-108m(n,6n)Ag-103m	TALYS-6a	0		10
Ag-108m(n,2nt)Pd-104	TALYS-6a	0	[8]	24
Ag-108m(n,ta)Ru-102	TALYS-6a	0	[8]	33
Ag-108m(n,4np)Pd-104	TALYS-6a	0	[8]	16
Ag-108m(n,3nd)Pd-104	TALYS-6a	0	[8]	18
Ag-108m(n,n'da)Ru-102	TALYS-6a	0	[8]	26
Ag-108m(n,2npa)Ru-102	TALYS-6a	0	[8]	24
Ag-108m(n,5np)Pd-103	TALYS-6a	0	[8]	11
Ag-108m(n,6np)Pd-102	TALYS-6a	0		8
Ag-108m(n,4na)Rh-101g	TALYS-6a	0		16
Ag-108m(n,4na)Rh-101m	TALYS-6a	0		16
Ag-108m(n,5na)Rh-100g	TALYS-6a	0	[4,8]	11
Ag-108m(n,5na)Rh-100m	TALYS-6a	0	[4,7,8,8]	10
Ag-108m(n,6na)Rh-99g	TALYS-6a	0		7
Ag-108m(n,6na)Rh-99m	TALYS-6a	0		7
Ag-108m(n,4nd)Pd-103	TALYS-6a	0	[8]	12
Ag-108m(n,5nd)Pd-102	TALYS-6a	0	[8]	8
Ag-108m(n,3nt)Pd-103	TALYS-6a	0	[8]	15
Ag-108m(n,4nt)Pd-102	TALYS-6a	0	[8]	11
Ag-108m(n,5nt)Pd-101	TALYS-6a	0	[8]	6
Ag-108m(n,2nh)Rh-104g	TALYS-6a	0		19
Ag-108m(n,2nh)Rh-104m	TALYS-6a	0		19
Ag-108m(n,3nh)Rh-103g	TALYS-6a	0		15
Ag-108m(n,3nh)Rh-103m	TALYS-6a	0		15
Ag-108m(n,4nh)Rh-102g	TALYS-6a	0		10
Ag-108m(n,4nh)Rh-102m	TALYS-6a	0		10
Ag-108m(n,3n2p)Rh-104g	TALYS-6a	0		14

Reaction	Library			
Ag-108m(n,3n2p)Rh-104m	TALYS-6a	0		14
Ag-108m(n,3n2a)Tc-98	TALYS-6a	0	[8]	16
Ag-108m(n,3npa)Ru-101	TALYS-6a	0	[8]	16
Ag-108m(n,dt)Rh-104g	TALYS-6a	0		20
Ag-108m(n,dt)Rh-104m	TALYS-6a	0		20
Ag-108m(n,n'pd)Rh-105g	TALYS-6a	0		23
Ag-108m(n,n'pd)Rh-105m	TALYS-6a	0		22
Ag-108m(n,n'pt)Rh-104g	TALYS-6a	0		20
Ag-108m(n,n'pt)Rh-104m	TALYS-6a	0		20
Ag-108m(n,n'dt)Rh-103g	TALYS-6a	0		15
Ag-108m(n,n'dt)Rh-103m	TALYS-6a	0		15
Ag-108m(n,n'ph)Ru-104	TALYS-6a	0	[8]	18
Ag-108m(n,n'dh)Ru-103	TALYS-6a	0	[8]	13
Ag-108m(n,n'ta)Ru-101	TALYS-6a	0	[8]	23
Ag-108m(n,2n2p)Rh-105g	TALYS-6a	0		21
Ag-108m(n,2n2p)Rh-105m	TALYS-6a	0		21
Ag-108m(n,4n2p)Rh-103g	TALYS-6a	0		11
Ag-108m(n,4n2p)Rh-103m	TALYS-6a	0		11
Ag-108m(n,4n2a)Tc-97g	TALYS-6a	0		12
Ag-108m(n,4n2a)Tc-97m	TALYS-6a	0		11
Ag-108m(n,4npa)Ru-100	TALYS-6a	0	[8]	12
Ag-108m(n,n'3p)Ru-105	TALYS-6a	0	[8]	16
Ag-108m(n,5n2p)Rh-102g	TALYS-6a	0		6
Ag-108m(n,5n2p)Rh-102m	TALYS-6a	0		6
>Ag-109(n,n')Ag-109m	TALYS-6a	4	[3]	90
Ag-109(n,2nd)Pd-106	TALYS-6a	0	[8]	25
Ag-109(n,2n)Ag-108g	JENDL-3.2/A/I	6	[13,4,7,8,4]	39
Ag-109(n,2n)Ag-108m	CRP	4	[13,4,7,8,3]	38
Ag-109(n,3n)Ag-107g	TALYS-6a	0		30
Ag-109(n,3n)Ag-107m	TALYS-6a	0		30
Ag-109(n,n'a)Rh-105g	TALYS-6a	0		55
Ag-109(n,n'a)Rh-105m	TALYS-6a	0		54
Ag-109(n,2na)Rh-104g	TALYS-6a	0		31
Ag-109(n,2na)Rh-104m	TALYS-6a	0		31
Ag-109(n,3na)Rh-103g	TALYS-6a	0		24
Ag-109(n,3na)Rh-103m	TALYS-6a	0		24
Ag-109(n,n'p)Pd-108	TALYS-6a	0	[8]	50
Ag-109(n,n'2a)Tc-101	TALYS-6a	0	[8]	30
Ag-109(n,2n2a)Tc-100	TALYS-6a	0	[8]	20
Ag-109(n,n'd)Pd-107g	TALYS-6a	0		32
Ag-109(n,n'd)Pd-107m	TALYS-6a	0		32
Ag-109(n,n't)Pd-106	TALYS-6a	0	[8]	31
Ag-109(n,n'h)Rh-106g	TALYS-6a	0		26
Ag-109(n,n'h)Rh-106m	TALYS-6a	0		25
Ag-109(n,4n)Ag-106g	TALYS-6a	0		20
Ag-109(n,4n)Ag-106m	TALYS-6a	0		20
Ag-109(n,2np)Pd-107g	TALYS-6a	0		30
Ag-109(n,2np)Pd-107m	TALYS-6a	0		30
Ag-109(n,3np)Pd-106	TALYS-6a	0	[8]	23
Ag-109(n,n'2p)Rh-107	TALYS-6a	0	[8]	27
Ag-109(n,n'pa)Ru-104	TALYS-6a	0	[8]	30
Ag-109(n,g)Ag-110g	JENDL-3.2	4	[9,2,7,4,6]	
60575				
Ag-109(n,g)Ag-110m	JENDL-3.2	4	[9,2,7,4,6]	
60575				
Ag-109(n,p)Pd-109g	TALYS-6	2	[3]	82
Ag-109(n,p)Pd-109m	TALYS-6	4	[3]	80
Ag-109(n,d)Pd-108	TALYS-6a	0	[8]	59
Ag-109(n,t)Pd-107g	TALYS-6a	0		44
Ag-109(n,t)Pd-107m	TALYS-6a	0		44
Ag-109(n,h)Rh-107	TALYS-6a	1	[8]	37
Ag-109(n,a)Rh-106g	TALYS-5	1	[9,3]	
45301				
Ag-109(n,a)Rh-106m	TALYS-5	2	[9,3]	
45301				
Ag-109(n,2a)Tc-102g	TALYS-6a	0	[4,8]	39
Ag-109(n,2a)Tc-102m	TALYS-6a	0	[4,7,8,8]	39
Ag-109(n,2p)Rh-108g	TALYS-6a	0	[4,8]	35
Ag-109(n,2p)Rh-108m	TALYS-6a	0	[4,7,8,8]	35
Ag-109(n,pa)Ru-105	TALYS-6a	0	[8]	40
Ag-109(n,pd)Rh-107	TALYS-6a	0	[8]	29
Ag-109(n,pt)Rh-106g	TALYS-6a	0		26
Ag-109(n,pt)Rh-106m	TALYS-6a	0		26
Ag-109(n,da)Ru-104	TALYS-6a	0	[8]	32
Ag-109(n,5n)Ag-105g	TALYS-6a	0		14
Ag-109(n,5n)Ag-105m	TALYS-6a	0		14
Ag-109(n,6n)Ag-104g	TALYS-6a	0		9
Ag-109(n,6n)Ag-104m	TALYS-6a	0		9
Ag-109(n,2nt)Pd-105	TALYS-6a	0	[8]	21
Ag-109(n,ta)Ru-103	TALYS-6a	0	[8]	29
Ag-109(n,4np)Pd-105	TALYS-6a	0		15
Ag-109(n,3nd)Pd-105	TALYS-6a	0	[8]	16
Ag-109(n,n'da)Ru-103	TALYS-6a	0	[8]	23
Ag-109(n,2npa)Ru-103	TALYS-6a	0	[8]	21
Ag-109(n,7n)Ag-103g	TALYS-6a	0		5
Ag-109(n,7n)Ag-103m	TALYS-6a	0		5
Ag-109(n,5np)Pd-104	TALYS-6a	0		12
Ag-109(n,6np)Pd-103	TALYS-6a	0		7
Ag-109(n,4na)Rh-102g	TALYS-6a	0		15
Ag-109(n,4na)Rh-102m	TALYS-6a	0		15
Ag-109(n,5na)Rh-101g	TALYS-6a	0		11
Ag-109(n,5na)Rh-101m	TALYS-6a	0		11
Ag-109(n,6na)Rh-100g	TALYS-6a	0	[4,8]	6
Ag-109(n,6na)Rh-100m	TALYS-6a	0	[4,7,8,8]	5
Ag-109(n,4nd)Pd-104	TALYS-6a	0	[8]	12
Ag-109(n,5nd)Pd-103	TALYS-6a	0		8
Ag-109(n,3nt)Pd-104	TALYS-6a	0	[8]	15
Ag-109(n,4nt)Pd-103	TALYS-6a	0	[8]	10
Ag-109(n,5nt)Pd-102	TALYS-6a	0	[8]	6
Ag-109(n,2nh)Rh-105g	TALYS-6a	0		19
Ag-109(n,2nh)Rh-105m	TALYS-6a	0		19
Ag-109(n,3nh)Rh-104g	TALYS-6a	0		13
Ag-109(n,3nh)Rh-104m	TALYS-6a	0		13
Ag-109(n,4nh)Rh-103g	TALYS-6a	0		10
Ag-109(n,4nh)Rh-103m	TALYS-6a	0		10
Ag-109(n,3n2p)Rh-105g	TALYS-6a	0		14
Ag-109(n,3n2p)Rh-105m	TALYS-6a	0		14
Ag-109(n,3n2a)Tc-99g	TALYS-6a	0		15
Ag-109(n,3n2a)Tc-99m	TALYS-6a	0		15

Reaction	Library			
Ag-109(n,3npa)Ru-102	TALYS-6a	0	[8]	16
Ag-109(n,dt)Rh-105g	TALYS-6a	0		20
Ag-109(n,dt)Rh-105m	TALYS-6a	0		20
Ag-109(n,n'pd)Rh-106g	TALYS-6a	0		20
Ag-109(n,n'pd)Rh-106m	TALYS-6a	0		20
Ag-109(n,n'pt)Rh-105g	TALYS-6a	0		19
Ag-109(n,n'pt)Rh-105m	TALYS-6a	0		19
Ag-109(n,n'dt)Rh-104g	TALYS-6a	0		14
Ag-109(n,n'dt)Rh-104m	TALYS-6a	0		14
Ag-109(n,n'ph)Ru-105	TALYS-6a	0	[8]	15
Ag-109(n,n'dh)Ru-104	TALYS-6a	0	[8]	13
Ag-109(n,n'ta)Ru-102	TALYS-6a	0	[8]	22
Ag-109(n,2n2p)Rh-106g	TALYS-6a	0		18
Ag-109(n,2n2p)Rh-106m	TALYS-6a	0		18
Ag-109(n,4n2p)Rh-104g	TALYS-6a	0		10
Ag-109(n,4n2p)Rh-104m	TALYS-6a	0		10
Ag-109(n,4n2a)Tc-98	TALYS-6a	0	[8]	10
Ag-109(n,4npa)Ru-101	TALYS-6a	0	[8]	11
Ag-109(n,n'3p)Ru-106	TALYS-6a	0	[8]	16
Ag-109(n,5n2p)Rh-103g	TALYS-6a	0		6
Ag-109(n,5n2p)Rh-103m	TALYS-6a	0		6
Ag-110m(n,n')Ag-110g	TALYS-6a	0	[8]	97
Ag-110m(n,2nd)Pd-107g	TALYS-6a	0		25
Ag-110m(n,2nd)Pd-107m	TALYS-6a	0		25
Ag-110m(n,2n)Ag-109g	TALYS-6a	0		52
Ag-110m(n,2n)Ag-109m	TALYS-6a	0		51
Ag-110m(n,3n)Ag-108g	TALYS-6a	0		30
Ag-110m(n,3n)Ag-108m	TALYS-6a	0		30
Ag-110m(n,n'a)Rh-106g	TALYS-6a	0		54
Ag-110m(n,n'a)Rh-106m	TALYS-6a	0		53
Ag-110m(n,2na)Rh-105g	TALYS-6a	0		36
Ag-110m(n,2na)Rh-105m	TALYS-6a	0		35
Ag-110m(n,3na)Rh-104g	TALYS-6a	0		24
Ag-110m(n,3na)Rh-104m	TALYS-6a	0		24
Ag-110m(n,n'p)Pd-109g	TALYS-6a	0		47
Ag-110m(n,n'p)Pd-109m	TALYS-6a	0		46
Ag-110m(n,n'2a)Tc-102g	TALYS-6a	0	[4,8]	28
Ag-110m(n,n'2a)Tc-102m	TALYS-6a	0	[4,7,8,8]	28
Ag-110m(n,2n2a)Tc-101	TALYS-6a	0	[8]	23
Ag-110m(n,n'd)Pd-108	TALYS-6a	0	[8]	37
Ag-110m(n,n't)Pd-107g	TALYS-6a	0		31
Ag-110m(n,n't)Pd-107m	TALYS-6a	0		31
Ag-110m(n,n'h)Rh-107	TALYS-6a	0	[8]	27
Ag-110m(n,4n)Ag-107g	TALYS-6a	0		23
Ag-110m(n,4n)Ag-107m	TALYS-6a	0		23
Ag-110m(n,2np)Pd-108	TALYS-6a	0	[8]	34
Ag-110m(n,3np)Pd-107g	TALYS-6a	0		23
Ag-110m(n,3np)Pd-107m	TALYS-6a	0		23
Ag-110m(n,n'2p)Rh-108g	TALYS-6a	0	[4,8]	26
Ag-110m(n,n'2p)Rh-108m	TALYS-6a	0	[4,7,8,8]	26
Ag-110m(n,n'pa)Ru-105	TALYS-6a	0	[8]	29
>Ag-110m(n,g)Ag-111g	ENDF/B-VII.2	0	[14,13,4,6,4]	3665
>Ag-110m(n,g)Ag-111m	ENDF/B-VII.2	0	[14,13,4,6]	3665
Ag-110m(n,p)Pd-110	TALYS-6a	0	[2]	100
Ag-110m(n,d)Pd-109g	TALYS-6a	0		56
Ag-110m(n,d)Pd-109m	TALYS-6a	0		55
Ag-110m(n,t)Pd-108	TALYS-6a	0		55
Ag-110m(n,h)Rh-108g	TALYS-6a	0	[4,8]	35
Ag-110m(n,h)Rh-108m	TALYS-6a	0	[4,7,8,8]	35
Ag-110m(n,a)Rh-107	TALYS-6a	0	[2]	100
Ag-110m(n,2a)Tc-103	TALYS-6a	0		100
Ag-110m(n,2p)Rh-109	TALYS-6a	0	[8]	38
Ag-110m(n,pa)Ru-106	TALYS-6a	0	[8]	45
Ag-110m(n,pd)Rh-108g	TALYS-6a	0	[4,8]	28
Ag-110m(n,pd)Rh-108m	TALYS-6a	0	[4,7,8,8]	28
Ag-110m(n,pt)Rh-107	TALYS-6a	0	[8]	28
Ag-110m(n,da)Ru-105	TALYS-6a	0	[8]	30
Ag-110m(n,5n)Ag-106g	TALYS-6a	0		15
Ag-110m(n,5n)Ag-106m	TALYS-6a	0		15
Ag-110m(n,6n)Ag-105g	TALYS-6a	0		11
Ag-110m(n,6n)Ag-105m	TALYS-6a	0		11
Ag-110m(n,2nt)Pd-106	TALYS-6a	0	[8]	24
Ag-110m(n,ta)Ru-104	TALYS-6a	0	[8]	31
Ag-110m(n,4np)Pd-106	TALYS-6a	0		17
Ag-110m(n,3nd)Pd-106	TALYS-6a	0	[8]	19
Ag-110m(n,n'da)Ru-104	TALYS-6a	0	[8]	25
Ag-110m(n,2npa)Ru-104	TALYS-6a	0	[8]	23
Ag-110m(n,7n)Ag-104g	TALYS-6a	0		6
Ag-110m(n,7n)Ag-104m	TALYS-6a	0		6
Ag-110m(n,5np)Pd-105	TALYS-6a	0		12
Ag-110m(n,6np)Pd-104	TALYS-6a	0		8
Ag-110m(n,4na)Rh-103g	TALYS-6a	0		17
Ag-110m(n,4na)Rh-103m	TALYS-6a	0		17
Ag-110m(n,5na)Rh-102g	TALYS-6a	0		12
Ag-110m(n,5na)Rh-102m	TALYS-6a	0		12
Ag-110m(n,6na)Rh-101g	TALYS-6a	0		8
Ag-110m(n,6na)Rh-101m	TALYS-6a	0		8
Ag-110m(n,4nd)Pd-105	TALYS-6a	0		13
Ag-110m(n,5nd)Pd-104	TALYS-6a	0	[8]	9
Ag-110m(n,3nt)Pd-105	TALYS-6a	0		16
Ag-110m(n,4nt)Pd-104	TALYS-6a	0	[8]	12
Ag-110m(n,5nt)Pd-103	TALYS-6a	0	[8]	7
Ag-110m(n,2nh)Rh-106g	TALYS-6a	0		19
Ag-110m(n,2nh)Rh-106m	TALYS-6a	0		19
Ag-110m(n,3nh)Rh-105g	TALYS-6a	0		15
Ag-110m(n,3nh)Rh-105m	TALYS-6a	0		14
Ag-110m(n,4nh)Rh-104g	TALYS-6a	0		10
Ag-110m(n,4nh)Rh-104m	TALYS-6a	0		10
Ag-110m(n,3n2p)Rh-106g	TALYS-6a	0		14
Ag-110m(n,3n2p)Rh-106m	TALYS-6a	0		14
Ag-110m(n,3n2a)Tc-100	TALYS-6a	0	[8]	14
Ag-110m(n,3npa)Ru-103	TALYS-6a	0		15
Ag-110m(n,n'pd)Rh-107	TALYS-6a	0	[8]	22
Ag-110m(n,n'pt)Rh-106g	TALYS-6a	0		19
Ag-110m(n,n'pt)Rh-106m	TALYS-6a	0		19
Ag-110m(n,n'dt)Rh-105g	TALYS-6a	0		15
Ag-110m(n,n'dt)Rh-105m	TALYS-6a	0		15
Ag-110m(n,n'ph)Ru-106	TALYS-6a	0	[8]	16
Ag-110m(n,n'ta)Ru-103	TALYS-6a	0	[8]	22
Ag-110m(n,2n2p)Rh-107	TALYS-6a	0	[8]	20
Ag-110m(n,4n2p)Rh-105g	TALYS-6a	0		11
Ag-110m(n,4n2p)Rh-105m	TALYS-6a	0		10
Ag-110m(n,4n2a)Tc-99g	TALYS-6a	0		12
Ag-110m(n,4n2a)Tc-99m	TALYS-6a	0		11
Ag-110m(n,4npa)Ru-102	TALYS-6a	0	[8]	12
Ag-110m(n,5n2p)Rh-104g	TALYS-6a	0		6
Ag-110m(n,5n2p)Rh-104m	TALYS-6a	0		6
Ag-111(n,n')Ag-111m	TALYS-6a	0		90
Ag-111(n,2nd)Pd-108	TALYS-6a	0	[8]	25
Ag-111(n,2n)Ag-110g	TALYS-6a	0		44
Ag-111(n,2n)Ag-110m	TALYS-6a	0		43
Ag-111(n,3n)Ag-109g	TALYS-6a	0		31
Ag-111(n,3n)Ag-109m	TALYS-6a	0		31
Ag-111(n,n'a)Rh-107	TALYS-6a	0	[8]	52
Ag-111(n,2na)Rh-106g	TALYS-6a	0		31
Ag-111(n,2na)Rh-106m	TALYS-6a	0		31
Ag-111(n,3na)Rh-105g	TALYS-6a	0		24
Ag-111(n,3na)Rh-105m	TALYS-6a	0		24
Ag-111(n,n'p)Pd-110	TALYS-6a	0	[8]	47
Ag-111(n,n'2a)Tc-103	TALYS-6a	0	[8]	28
Ag-111(n,2n2a)Tc-102g	TALYS-6a	0	[4,8]	18
Ag-111(n,2n2a)Tc-102m	TALYS-6a	0	[4,7,8,8]	18
Ag-111(n,n'd)Pd-109g	TALYS-6a	0		31
Ag-111(n,n'd)Pd-109m	TALYS-6a	0		31
Ag-111(n,n't)Pd-108	TALYS-6a	0	[8]	31
Ag-111(n,n'h)Rh-108g	TALYS-6a	0	[4,8]	25
Ag-111(n,n'h)Rh-108m	TALYS-6a	0	[4,7,8,8]	25
Ag-111(n,4n)Ag-108g	TALYS-6a	0		21
Ag-111(n,4n)Ag-108m	TALYS-6a	0		21
Ag-111(n,2np)Pd-109g	TALYS-6a	0		30
Ag-111(n,2np)Pd-109m	TALYS-6a	0		30
Ag-111(n,3np)Pd-108	TALYS-6a	0		24
Ag-111(n,n'2p)Rh-109	TALYS-6a	0	[8]	25
Ag-111(n,n'pa)Ru-106	TALYS-6a	0	[8]	29
Ag-111(n,g)Ag-112	TALYS-6	2		100
Ag-111(n,p)Pd-111g	TALYS-6a	0	[2]	76
Ag-111(n,p)Pd-111m	TALYS-6a	0	[2]	75
Ag-111(n,d)Pd-110	TALYS-6a	0	[8]	56
Ag-111(n,t)Pd-109g	TALYS-6a	0		44
Ag-111(n,t)Pd-109m	TALYS-6a	0		43
Ag-111(n,h)Rh-109	TALYS-6a	0	[8]	34
Ag-111(n,a)Rh-108g	TALYS-6a	0	[4,2]	100
Ag-111(n,a)Rh-108m	TALYS-6a	0	[4,7,2]	100
Ag-111(n,2p)Rh-110g	TALYS-6a	0	[4,8]	30
Ag-111(n,2p)Rh-110m	TALYS-6a	0	[4,7,8,8]	29
Ag-111(n,pa)Ru-107	TALYS-6a	0	[8]	37
Ag-111(n,pd)Rh-109	TALYS-6a	0	[8]	27
Ag-111(n,pt)Rh-108g	TALYS-6a	0	[4,8]	25
Ag-111(n,pt)Rh-108m	TALYS-6a	0	[4,7,8,8]	25
Ag-111(n,da)Ru-106	TALYS-6a	0	[8]	30
Ag-111(n,5n)Ag-107g	TALYS-6a	0		15
Ag-111(n,5n)Ag-107m	TALYS-6a	0		15
Ag-111(n,6n)Ag-106g	TALYS-6a	0		10
Ag-111(n,6n)Ag-106m	TALYS-6a	0		10
Ag-111(n,2nt)Pd-107g	TALYS-6a	0		22
Ag-111(n,2nt)Pd-107m	TALYS-6a	0		22
Ag-111(n,ta)Ru-105	TALYS-6a	0	[8]	27
Ag-111(n,4np)Pd-107g	TALYS-6a	0		15
Ag-111(n,4np)Pd-107m	TALYS-6a	0		15
Ag-111(n,3nd)Pd-107g	TALYS-6a	0		16
Ag-111(n,3nd)Pd-107m	TALYS-6a	0		16
Ag-111(n,n'da)Ru-105	TALYS-6a	0	[8]	21
Ag-111(n,2npa)Ru-105	TALYS-6a	0	[8]	20
Ag-111(n,7n)Ag-105g	TALYS-6a	0		6
Ag-111(n,7n)Ag-105m	TALYS-6a	0		6
Ag-111(n,5np)Pd-106	TALYS-6a	0		12
Ag-111(n,6np)Pd-105	TALYS-6a	0		8
Ag-111(n,4na)Rh-104g	TALYS-6a	0		16
Ag-111(n,4na)Rh-104m	TALYS-6a	0		16
Ag-111(n,5na)Rh-103g	TALYS-6a	0		12
Ag-111(n,5na)Rh-103m	TALYS-6a	0		12
Ag-111(n,6na)Rh-102g	TALYS-6a	0		7
Ag-111(n,6na)Rh-102m	TALYS-6a	0		7
Ag-111(n,4nd)Pd-106	TALYS-6a	0	[8]	13
Ag-111(n,5nd)Pd-105	TALYS-6a	0	[8]	8
Ag-111(n,3nt)Pd-106	TALYS-6a	0	[8]	16
Ag-111(n,4nt)Pd-105	TALYS-6a	0	[8]	11
Ag-111(n,5nt)Pd-104	TALYS-6a	0	[8]	7
Ag-111(n,2nh)Rh-107	TALYS-6a	0	[8]	18
Ag-111(n,3nh)Rh-106g	TALYS-6a	0		13
Ag-111(n,3nh)Rh-106m	TALYS-6a	0		13
Ag-111(n,4nh)Rh-105g	TALYS-6a	0		10
Ag-111(n,4nh)Rh-105m	TALYS-6a	0		10
Ag-111(n,3n2p)Rh-107	TALYS-6a	0	[8]	14
Ag-111(n,3n2a)Tc-101	TALYS-6a	0	[8]	15
Ag-111(n,3npa)Ru-104	TALYS-6a	0	[8]	15
Ag-111(n,n'pd)Rh-108g	TALYS-6a	0	[4,8]	19
Ag-111(n,n'pd)Rh-108m	TALYS-6a	0	[4,7,8,8]	19
Ag-111(n,n'pt)Rh-107	TALYS-6a	0	[8]	19
Ag-111(n,n'dt)Rh-106g	TALYS-6a	0		14
Ag-111(n,n'dt)Rh-106m	TALYS-6a	0		14
Ag-111(n,n'ph)Ru-107	TALYS-6a	0	[8]	14
Ag-111(n,n'ta)Ru-104	TALYS-6a	0	[8]	21
Ag-111(n,2n2p)Rh-108g	TALYS-6a	0	[4,8]	17
Ag-111(n,2n2p)Rh-108m	TALYS-6a	0	[4,7,8,8]	17
Ag-111(n,4n2p)Rh-106g	TALYS-6a	0		9
Ag-111(n,4n2p)Rh-106m	TALYS-6a	0		9
Ag-111(n,4n2a)Tc-100	TALYS-6a	0	[8]	10
Ag-111(n,4npa)Ru-103	TALYS-6a	0	[8]	11
Cd-106(n,2nd)Ag-103g	TALYS-6a	0		22
Cd-106(n,2nd)Ag-103m	TALYS-6a	0		22
Cd-106(n,2n)Cd-105	TALYS-5a	4	[3]	40
Cd-106(n,3n)Cd-104	TALYS-6a	0		27
Cd-106(n,n'a)Pd-102	TALYS-6a	0	[8]	63
Cd-106(n,n'3a)Mo-94	TALYS-6a	0	[8]	23
Cd-106(n,2na)Pd-101	TALYS-6a	0	[8]	31
Cd-106(n,3na)Pd-100	TALYS-6a	0	[8]	23
Cd-106(n,n'p)Ag-105g	TALYS-6a	0		46

Reaction	Library			Value
Cd-106(n,n'p)Ag-105m	TALYS-6a	0		46
Cd-106(n,n'2a)Ru-98	TALYS-6a	0	[8]	37
Cd-106(n,2n2a)Ru-97	TALYS-6a	0	[8]	23
Cd-106(n,n'd)Ag-104g	TALYS-6a	0		30
Cd-106(n,n'd)Ag-104m	TALYS-6a	0		30
Cd-106(n,n't)Ag-103g	TALYS-6a	0		28
Cd-106(n,n't)Ag-103m	TALYS-6a	0		27
Cd-106(n,n'h)Pd-103	TALYS-6a	0	[8]	28
Cd-106(n,n'd2a)Tc-96g	TALYS-6a	0		15
Cd-106(n,n'd2a)Tc-96m	TALYS-6a	0		15
Cd-106(n,n't2a)Tc-95g	TALYS-6a	0		14
Cd-106(n,n't2a)Tc-95m	TALYS-6a	0		13
Cd-106(n,4n)Cd-103	TALYS-6a	0		16
Cd-106(n,2np)Ag-104g	TALYS-6a	0		28
Cd-106(n,2np)Ag-104m	TALYS-6a	0		28
Cd-106(n,3np)Ag-103g	TALYS-6a	0		20
Cd-106(n,3np)Ag-103m	TALYS-6a	0		20
Cd-106(n,n'2p)Pd-104	TALYS-6a	0	[8]	32
Cd-106(n,n'pa)Rh-101g	TALYS-6a	0		32
Cd-106(n,n'pa)Rh-101m	TALYS-6a	0		32
Cd-106(n,g)Cd-107	ENDF/B-VII.2	4	[14,13,3]	11454
Cd-106(n,p)Ag-106g	TALYS-5a	2	[9,3,3]	9570
Cd-106(n,p)Ag-106m	TALYS-5a	2	[9,3,3]	9570
Cd-106(n,d)Ag-105g	TALYS-6a	0		55
Cd-106(n,d)Ag-105m	TALYS-6a	0		55
Cd-106(n,t)Ag-104g	JEF-2.2	2	[13,4,7,8]	66
Cd-106(n,t)Ag-104m	JEF-2.2	2	[13,4,7,8]	65
Cd-106(n,h)Pd-104	TALYS-6a	0	[8]	46
>Cd-106(n,a)Pd-103	TALYS-5	2	[9,3,3]	9570
Cd-106(n,2a)Ru-99	TALYS-6a	0		100
Cd-106(n,3a)Mo-95	TALYS-6a	0		100
Cd-106(n,2p)Pd-105	TALYS-6a	0	[8]	49
Cd-106(n,pa)Rh-102g	TALYS-6a	0		50
Cd-106(n,pa)Rh-102m	TALYS-6a	0		49
Cd-106(n,t2a)Tc-96g	TALYS-6a	0		18
Cd-106(n,t2a)Tc-96m	TALYS-6a	0		18
Cd-106(n,d2a)Tc-97g	TALYS-6a	0		22
Cd-106(n,d2a)Tc-97m	TALYS-6a	0		22
Cd-106(n,pd)Pd-104	TALYS-6a	0	[8]	35
Cd-106(n,pt)Pd-103	TALYS-6a	0	[8]	29
Cd-106(n,da)Rh-101g	TALYS-6a	0		35
Cd-106(n,da)Rh-101m	TALYS-6a	0		34
Cd-106(n,5n)Cd-102	TALYS-6a	0		11
Cd-106(n,2nt)Ag-102g	TALYS-6a	0		17
Cd-106(n,2nt)Ag-102m	TALYS-6a	0		16
Cd-106(n,ta)Rh-100g	TALYS-6a	0	[4,8]	29
Cd-106(n,ta)Rh-100m	TALYS-6a	0	[4,7,8,8]	28
Cd-106(n,4np)Ag-102g	TALYS-6a	0		13
Cd-106(n,4np)Ag-102m	TALYS-6a	0		13
Cd-106(n,3nd)Ag-102g	TALYS-6a	0		14
Cd-106(n,3nd)Ag-102m	TALYS-6a	0		14
Cd-106(n,n'da)Rh-100g	TALYS-6a	0	[4,8]	23
Cd-106(n,n'da)Rh-100m	TALYS-6a	0	[4,7,8,8]	22
Cd-106(n,2npa)Rh-100g	TALYS-6a	0	[4,8]	22
Cd-106(n,2npa)Rh-100m	TALYS-6a	0	[4,7,8,8]	21
Cd-106(n,5np)Ag-101g	TALYS-6a	0		9
Cd-106(n,5np)Ag-101m	TALYS-6a	0		8
Cd-106(n,4na)Pd-99	TALYS-6a	0	[8,7,8]	14
Cd-106(n,5na)Pd-98	TALYS-6a	0	[8]	9
Cd-106(n,4nd)Ag-101g	TALYS-6a	0		9
Cd-106(n,4nd)Ag-101m	TALYS-6a	0		9
Cd-106(n,3nt)Ag-101g	TALYS-6a	0		12
Cd-106(n,3nt)Ag-101m	TALYS-6a	0		12
Cd-106(n,4nt)Ag-100g	TALYS-6a	0		6
Cd-106(n,4nt)Ag-100m	TALYS-6a	0		6
Cd-106(n,2nh)Pd-102	TALYS-6a	0	[8]	21
Cd-106(n,3nh)Pd-101	TALYS-6a	0	[8]	13
Cd-106(n,4nh)Pd-100	TALYS-6a	0	[8]	9
Cd-106(n,3n2p)Pd-102	TALYS-6a	0	[8]	15
Cd-106(n,3n2a)Ru-96	TALYS-6a	0	[8]	16
Cd-106(n,3npa)Rh-99g	TALYS-6a	0		15
Cd-106(n,3npa)Rh-99m	TALYS-6a	0		15
Cd-106(n,dt)Pd-102	TALYS-6a	0	[8]	22
Cd-106(n,n'pd)Pd-103	TALYS-6a	0	[8]	23
Cd-106(n,n'pt)Pd-102	TALYS-6a	0	[8]	21
Cd-106(n,n'dt)Pd-101	TALYS-6a	0	[8]	14
Cd-106(n,n'ph)Rh-102g	TALYS-6a	0		17
Cd-106(n,n'ph)Rh-102m	TALYS-6a	0		17
Cd-106(n,n'dh)Rh-101g	TALYS-6a	0		13
Cd-106(n,n'dh)Rh-101m	TALYS-6a	0		14
Cd-106(n,n'th)Rh-100g	TALYS-6a	0	[4,8]	11
Cd-106(n,n'th)Rh-100m	TALYS-6a	0	[4,7,8,8]	10
Cd-106(n,n'ta)Rh-99g	TALYS-6a	0		20
Cd-106(n,n'ta)Rh-99m	TALYS-6a	0		21
Cd-106(n,2n2p)Pd-103	TALYS-6a	0	[8]	22
Cd-106(n,ph)Rh-103g	TALYS-6a	0		26
Cd-106(n,ph)Rh-103m	TALYS-6a	0		27
Cd-106(n,ha)Ru-100	TALYS-6a	0	[8]	29
Cd-106(n,4n2p)Pd-101	TALYS-6a	0	[8]	10
Cd-106(n,4n2a)Ru-95	TALYS-6a	0	[8]	10
Cd-106(n,4npa)Rh-98g	TALYS-6a	0	[4,8]	9
Cd-106(n,4npa)Rh-98m	TALYS-6a	0	[4,7,8,8]	8
Cd-106(n,3p)Rh-104g	TALYS-6a	0		26
Cd-106(n,3p)Rh-104m	TALYS-6a	0		26
Cd-106(n,n'3p)Rh-103g	TALYS-6a	0		19
Cd-106(n,n'3p)Rh-103m	TALYS-6a	0		20
Cd-106(n,3n2pa)Ru-98	TALYS-6a	0	[8]	11
Cd-106(n,5n2p)Pd-100	TALYS-6a	0	[8]	6
Cd-107(n,2nd)Ag-104g	TALYS-6a	0		22
Cd-107(n,2nd)Ag-104m	TALYS-6a	0		22
Cd-107(n,2n)Cd-106	TALYS-6a	0		45
Cd-107(n,3n)Cd-105	TALYS-6a	0		28
Cd-107(n,n'a)Pd-103	TALYS-6a	0	[8]	61
Cd-107(n,n'3a)Mo-95	TALYS-6a	0	[8]	22
Cd-107(n,2na)Pd-102	TALYS-6a	0	[8]	36
Cd-107(n,3na)Pd-101	TALYS-6a	0	[8]	23
Cd-107(n,n'p)Ag-106g	TALYS-6a	0		45
Cd-107(n,n'p)Ag-106m	TALYS-6a	0		45
Cd-107(n,n'2a)Ru-99	TALYS-6a	0	[8]	36
Cd-107(n,2n2a)Ru-98	TALYS-6a	0	[8]	26
Cd-107(n,n'd)Ag-105g	TALYS-6a	0		33
Cd-107(n,n'd)Ag-105m	TALYS-6a	0		33
Cd-107(n,n't)Ag-104g	TALYS-6a	0		28
Cd-107(n,n't)Ag-104m	TALYS-6a	0		28
Cd-107(n,n'h)Pd-104	TALYS-6a	0	[8]	30
Cd-107(n,n'd2a)Tc-97g	TALYS-6a	0		15
Cd-107(n,n'd2a)Tc-97m	TALYS-6a	0		15
Cd-107(n,n't2a)Tc-96g	TALYS-6a	0		13
Cd-107(n,n't2a)Tc-96m	TALYS-6a	0		13
Cd-107(n,4n)Cd-104	TALYS-6a	0		19
Cd-107(n,2np)Ag-105g	TALYS-6a	0		30
Cd-107(n,2np)Ag-105m	TALYS-6a	0		30
Cd-107(n,3np)Ag-104g	TALYS-6a	0		21
Cd-107(n,3np)Ag-104m	TALYS-6a	0		20
Cd-107(n,n'2p)Pd-105	TALYS-6a	0	[8]	31
Cd-107(n,n'pa)Rh-102g	TALYS-6a	0		31
Cd-107(n,n'pa)Rh-102m	TALYS-6a	0		31
Cd-107(n,g)Cd-108	TALYS-6a	0	[14]	100
Cd-107(n,p)Ag-107g	TALYS-6a	0	[2]	100
Cd-107(n,p)Ag-107m	TALYS-6a	0	[2]	100
Cd-107(n,d)Ag-106g	TALYS-6a	0		55
Cd-107(n,d)Ag-106m	TALYS-6a	0		54
Cd-107(n,t)Ag-105g	TALYS-6a	0		45
Cd-107(n,t)Ag-105m	TALYS-6a	0		45
Cd-107(n,h)Pd-105	TALYS-6a	0	[8]	44
Cd-107(n,a)Pd-104	TALYS-6a	0	[2]	100
Cd-107(n,2a)Ru-100	TALYS-6a	0		100
Cd-107(n,2p)Pd-106	TALYS-6a	0	[8]	57
Cd-107(n,pa)Rh-103g	TALYS-6a	0		57
Cd-107(n,pa)Rh-103m	TALYS-6a	0		57
Cd-107(n,d2a)Tc-98	TALYS-6a	0	[8]	21
Cd-107(n,pd)Pd-105	TALYS-6a	0	[8]	33
Cd-107(n,pt)Pd-104	TALYS-6a	0	[8]	31
Cd-107(n,da)Rh-102g	TALYS-6a	0		33
Cd-107(n,da)Rh-102m	TALYS-6a	0		33
Cd-107(n,5n)Cd-103	TALYS-6a	0		12
Cd-107(n,6n)Cd-102	TALYS-6a	0		7
Cd-107(n,2nt)Ag-103g	TALYS-6a	0		19
Cd-107(n,2nt)Ag-103m	TALYS-6a	0		19
Cd-107(n,ta)Rh-101g	TALYS-6a	0		31
Cd-107(n,ta)Rh-101m	TALYS-6a	0		31
Cd-107(n,4np)Ag-103g	TALYS-6a	0		14
Cd-107(n,4np)Ag-103m	TALYS-6a	0		14
Cd-107(n,3nd)Ag-103g	TALYS-6a	0		15
Cd-107(n,3nd)Ag-103m	TALYS-6a	0		15
Cd-107(n,n'da)Rh-101g	TALYS-6a	0		25
Cd-107(n,n'da)Rh-101m	TALYS-6a	0		25
Cd-107(n,2npa)Rh-101g	TALYS-6a	0		23
Cd-107(n,2npa)Rh-101m	TALYS-6a	0		23
Cd-107(n,5np)Ag-102g	TALYS-6a	0		9
Cd-107(n,5np)Ag-102m	TALYS-6a	0		9
Cd-107(n,4na)Pd-100	TALYS-6a	0	[8]	16
Cd-107(n,5na)Pd-99	TALYS-6a	0	[8,7,8]	10
Cd-107(n,4nd)Ag-102g	TALYS-6a	0		10
Cd-107(n,4nd)Ag-102m	TALYS-6a	0		10
Cd-107(n,5nd)Ag-101g	TALYS-6a	0		5
Cd-107(n,5nd)Ag-101m	TALYS-6a	0		5
Cd-107(n,3nt)Ag-102g	TALYS-6a	0		13
Cd-107(n,3nt)Ag-102m	TALYS-6a	0		12
Cd-107(n,4nt)Ag-101g	TALYS-6a	0		8
Cd-107(n,4nt)Ag-101m	TALYS-6a	0		8
Cd-107(n,2nh)Pd-103	TALYS-6a	0	[8]	21
Cd-107(n,3nh)Pd-102	TALYS-6a	0	[8]	15
Cd-107(n,4nh)Pd-101	TALYS-6a	0	[8]	9
Cd-107(n,3n2p)Pd-103	TALYS-6a	0	[8]	15
Cd-107(n,3n2a)Ru-97	TALYS-6a	0	[8]	16
Cd-107(n,3npa)Rh-100g	TALYS-6a	0	[4,8]	15
Cd-107(n,3npa)Rh-100m	TALYS-6a	0	[4,7,8,8]	14
Cd-107(n,dt)Pd-103	TALYS-6a	0	[8]	22
Cd-107(n,n'pd)Pd-104	TALYS-6a	0	[8]	25
Cd-107(n,n'pt)Pd-103	TALYS-6a	0	[8]	21
Cd-107(n,n'dt)Pd-102	TALYS-6a	0	[8]	15
Cd-107(n,n'ph)Rh-103g	TALYS-6a	0		18
Cd-107(n,n'ph)Rh-103m	TALYS-6a	0		19
Cd-107(n,n'dh)Rh-102g	TALYS-6a	0		13
Cd-107(n,n'dh)Rh-102m	TALYS-6a	0		13
Cd-107(n,n'th)Rh-101g	TALYS-6a	0		12
Cd-107(n,n'th)Rh-101m	TALYS-6a	0		12
Cd-107(n,n'ta)Rh-100g	TALYS-6a	0	[4,8]	20
Cd-107(n,n'ta)Rh-100m	TALYS-6a	0	[4,7,8,8]	19
Cd-107(n,2n2p)Pd-104	TALYS-6a	0	[8]	24
Cd-107(n,ph)Rh-104g	TALYS-6a	0		25
Cd-107(n,ph)Rh-104m	TALYS-6a	0		25
Cd-107(n,dh)Rh-103g	TALYS-6a	0		18
Cd-107(n,dh)Rh-103m	TALYS-6a	0		19
Cd-107(n,ha)Ru-101	TALYS-6a	0	[8]	28
Cd-107(n,4n2p)Pd-102	TALYS-6a	0	[8]	11
Cd-107(n,4n2a)Ru-96	TALYS-6a	0	[8]	11
Cd-107(n,4npa)Rh-99g	TALYS-6a	0		11
Cd-107(n,4npa)Rh-99m	TALYS-6a	0		11
Cd-107(n,3p)Rh-105g	TALYS-6a	0		27
Cd-107(n,3p)Rh-105m	TALYS-6a	0		27
Cd-107(n,n'3p)Rh-104g	TALYS-6a	0		18
Cd-107(n,n'3p)Rh-104m	TALYS-6a	0		18
Cd-107(n,3n2pa)Ru-99	TALYS-6a	0	[8]	10
Cd-107(n,5n2p)Pd-101	TALYS-6a	0	[8]	6
Cd-108(n,2nd)Ag-105g	TALYS-6a	0		22
Cd-108(n,2nd)Ag-105m	TALYS-6a	0		22
Cd-108(n,2n)Cd-107	ADL-3	2	[13]	45
Cd-108(n,3n)Cd-106	TALYS-6a	0		28
Cd-108(n,n'a)Pd-104	TALYS-6a	0	[8]	60
Cd-108(n,n'3a)Mo-96	TALYS-6a	0	[8]	20
Cd-108(n,2na)Pd-103	TALYS-6a	0	[8]	31
Cd-108(n,3na)Pd-102	TALYS-6a	0	[8]	23
Cd-108(n,n'p)Ag-107g	TALYS-6a	0		44
Cd-108(n,n'p)Ag-107m	TALYS-6a	0		44
Cd-108(n,n'2a)Ru-100	TALYS-6a	0	[8]	34

Cd-108(n,2n2a)Ru-99	TALYS-6a	0 [8]	22		Cd-109(n,n'h)Pd-106	TALYS-6a	0 [8]	29
Cd-108(n,n'd)Ag-106g	TALYS-6a	0	30		Cd-109(n,n'd2a)Tc-99g	TALYS-6a	0	14
Cd-108(n,n'd)Ag-106m	TALYS-6a	0	30		Cd-109(n,n'd2a)Tc-99m	TALYS-6a	0	14
Cd-108(n,n't)Ag-105g	TALYS-6a	0	28		Cd-109(n,n't2a)Tc-98	TALYS-6a	0 [8]	12
Cd-108(n,n't)Ag-105m	TALYS-6a	0	28		Cd-109(n,4n)Cd-106	TALYS-6a	0	21
Cd-108(n,n'h)Pd-105	TALYS-6a	0 [8]	27		Cd-109(n,2np)Ag-107g	TALYS-6a	0	30
Cd-108(n,n'd2a)Tc-98	TALYS-6a	0 [8]	13		Cd-109(n,2np)Ag-107m	TALYS-6a	0	30
Cd-108(n,n't2a)Tc-97g	TALYS-6a	0	13		Cd-109(n,3np)Ag-106g	TALYS-6a	0	21
Cd-108(n,n't2a)Tc-97m	TALYS-6a	0	12		Cd-109(n,3np)Ag-106m	TALYS-6a	0	21
Cd-108(n,4n)Cd-105	TALYS-6a	0	17		Cd-109(n,n'2p)Pd-107g	TALYS-6a	0	29
Cd-108(n,2np)Ag-106g	TALYS-6a	0	28		Cd-109(n,n'2p)Pd-107m	TALYS-6a	0	29
Cd-108(n,2np)Ag-106m	TALYS-6a	0	28		Cd-109(n,n'pa)Rh-104g	TALYS-6a	0	29
Cd-108(n,3np)Ag-105g	TALYS-6a	0	20		Cd-109(n,n'pa)Rh-104m	TALYS-6a	0	29
Cd-108(n,3np)Ag-105m	TALYS-6a	0	20		Cd-109(n,g)Cd-110	MASGAM	2 [13,12]	118
Cd-108(n,n'2p)Pd-106	TALYS-6a	0 [8]	30		Cd-109(n,p)Ag-109g	TALYS-6a	0 [2]	100
Cd-108(n,n'pa)Rh-103g	TALYS-6a	0	30		Cd-109(n,p)Ag-109m	TALYS-6a	0 [2]	100
Cd-108(n,n'pa)Rh-103m	TALYS-6a	0	30		Cd-109(n,d)Ag-108g	TALYS-6a	0	50
>Cd-108(n,g)Cd-109	JENDL-3.1	4 [14,13,13]	820		Cd-109(n,d)Ag-108m	TALYS-6a	0	50
Cd-108(n,p)Ag-108g	TALYS-6a	0 [2]	78		Cd-109(n,t)Ag-107g	TALYS-6a	0	45
Cd-108(n,p)Ag-108m	JENDL-3.2/A	2 [13]	45		Cd-109(n,t)Ag-107m	TALYS-6a	0	45
Cd-108(n,d)Ag-107g	TALYS-6a	0	51		Cd-109(n,h)Pd-107g	TALYS-6a	0	40
Cd-108(n,d)Ag-107m	TALYS-6a	0	51		Cd-109(n,h)Pd-107m	TALYS-6a	0	40
Cd-108(n,t)Ag-106g	TALYS-6a	0	40		Cd-109(n,a)Pd-106	ADL-3	2 [13,11]	64
Cd-108(n,t)Ag-106m	TALYS-6a	0	40		Cd-109(n,2a)Ru-102	TALYS-6a	0	100
Cd-108(n,h)Pd-106	TALYS-6a	0 [8]	42		Cd-109(n,2p)Pd-108	TALYS-6a	0 [8]	46
Cd-108(n,a)Pd-105	TALYS-5	2 [9,3,3]	1860		Cd-109(n,pa)Rh-105g	TALYS-6a	0	47
Cd-108(n,2a)Ru-101	TALYS-6a	0	100		Cd-109(n,pa)Rh-105m	TALYS-6a	0	46
Cd-108(n,2p)Pd-107g	TALYS-6a	0	42		Cd-109(n,pd)Pd-107g	TALYS-6a	0	30
Cd-108(n,2p)Pd-107m	TALYS-6a	0	41		Cd-109(n,pd)Pd-107m	TALYS-6a	0	30
Cd-108(n,pa)Rh-104g	TALYS-6a	0	43		Cd-109(n,pt)Pd-106	TALYS-6a	0 [8]	30
Cd-108(n,pa)Rh-104m	TALYS-6a	0	43		Cd-109(n,da)Rh-104g	TALYS-6a	0	31
Cd-108(n,t2a)Tc-98	TALYS-6a	0 [8]	16		Cd-109(n,da)Rh-104m	TALYS-6a	0	31
Cd-108(n,pd)Pd-106	TALYS-6a	0 [8]	32		Cd-109(n,5n)Cd-105	TALYS-6a	0	13
Cd-108(n,pt)Pd-105	TALYS-6a	0 [8]	28		Cd-109(n,6n)Cd-104	TALYS-6a	0	9
Cd-108(n,da)Rh-103g	TALYS-6a	0	31		Cd-109(n,2nt)Ag-105g	TALYS-6a	0	20
Cd-108(n,da)Rh-103m	TALYS-6a	0	31		Cd-109(n,2nt)Ag-105m	TALYS-6a	0	20
Cd-108(n,5n)Cd-104	TALYS-6a	0	13		Cd-109(n,ta)Rh-103g	TALYS-6a	0	30
Cd-108(n,6n)Cd-103	TALYS-6a	0	7		Cd-109(n,ta)Rh-103m	TALYS-6a	0	30
Cd-108(n,2nt)Ag-104g	TALYS-6a	0	17		Cd-109(n,4np)Ag-105g	TALYS-6a	0	15
Cd-108(n,2nt)Ag-104m	TALYS-6a	0	17		Cd-109(n,4np)Ag-105m	TALYS-6a	0	15
Cd-108(n,ta)Rh-102g	TALYS-6a	0	28		Cd-109(n,3nd)Ag-105g	TALYS-6a	0	16
Cd-108(n,ta)Rh-102m	TALYS-6a	0	28		Cd-109(n,3nd)Ag-105m	TALYS-6a	0	16
Cd-108(n,4np)Ag-104g	TALYS-6a	0	13		Cd-109(n,n'da)Rh-103g	TALYS-6a	0	24
Cd-108(n,4np)Ag-104m	TALYS-6a	0	13		Cd-109(n,n'da)Rh-103m	TALYS-6a	0	24
Cd-108(n,3nd)Ag-104g	TALYS-6a	0	14		Cd-109(n,2npa)Rh-103g	TALYS-6a	0	22
Cd-108(n,3nd)Ag-104m	TALYS-6a	0	14		Cd-109(n,2npa)Rh-103m	TALYS-6a	0	22
Cd-108(n,n'da)Rh-102g	TALYS-6a	0	22		Cd-109(n,5np)Ag-104g	TALYS-6a	0	10
Cd-108(n,n'da)Rh-102m	TALYS-6a	0	22		Cd-109(n,5np)Ag-104m	TALYS-6a	0	10
Cd-108(n,2npa)Rh-102g	TALYS-6a	0	20		Cd-109(n,6np)Ag-103g	TALYS-6a	0	6
Cd-108(n,2npa)Rh-102m	TALYS-6a	0	20		Cd-109(n,6np)Ag-103m	TALYS-6a	0	5
Cd-108(n,5np)Ag-103g	TALYS-6a	0	9		Cd-109(n,4na)Pd-102	TALYS-6a	0 [8]	16
Cd-108(n,5np)Ag-103m	TALYS-6a	0	9		Cd-109(n,5na)Pd-101	TALYS-6a	0 [8]	11
Cd-108(n,4na)Pd-101	TALYS-6a	0 [8]	14		Cd-109(n,6na)Pd-100	TALYS-6a	0 [8]	6
Cd-108(n,5na)Pd-100	TALYS-6a	0 [8]	10		Cd-109(n,4nd)Ag-104g	TALYS-6a	0	11
Cd-108(n,4nd)Ag-103g	TALYS-6a	0	10		Cd-109(n,4nd)Ag-104m	TALYS-6a	0	10
Cd-108(n,4nd)Ag-103m	TALYS-6a	0	10		Cd-109(n,5nd)Ag-103g	TALYS-6a	0	6
Cd-108(n,5nd)Ag-102g	TALYS-6a	0	5		Cd-109(n,5nd)Ag-103m	TALYS-6a	0	6
Cd-108(n,5nd)Ag-102m	TALYS-6a	0	5		Cd-109(n,3nt)Ag-104g	TALYS-6a	0	13
Cd-108(n,3nt)Ag-103g	TALYS-6a	0	13		Cd-109(n,3nt)Ag-104m	TALYS-6a	0	13
Cd-108(n,3nt)Ag-103m	TALYS-6a	0	13		Cd-109(n,4nt)Ag-103g	TALYS-6a	0	9
Cd-108(n,4nt)Ag-102g	TALYS-6a	0	7		Cd-109(n,4nt)Ag-103m	TALYS-6a	0	9
Cd-108(n,4nt)Ag-102m	TALYS-6a	0	7		Cd-109(n,2nh)Pd-105	TALYS-6a	0 [8]	20
Cd-108(n,2nh)Pd-104	TALYS-6a	0 [8]	20		Cd-109(n,3nh)Pd-104	TALYS-6a	0 [8]	15
Cd-108(n,3nh)Pd-103	TALYS-6a	0 [8]	13		Cd-109(n,4nh)Pd-103	TALYS-6a	0 [8]	10
Cd-108(n,4nh)Pd-102	TALYS-6a	0 [8]	10		Cd-109(n,3n2p)Pd-105	TALYS-6a	0 [8]	15
Cd-108(n,3n2p)Pd-104	TALYS-6a	0 [8]	15		Cd-109(n,3n2a)Ru-99	TALYS-6a	0 [8]	16
Cd-108(n,3n2a)Ru-98	TALYS-6a	0 [8]	15		Cd-109(n,3npa)Rh-102g	TALYS-6a	0	15
Cd-108(n,3npa)Rh-101g	TALYS-6a	0	15		Cd-109(n,3npa)Rh-102m	TALYS-6a	0	15
Cd-108(n,3npa)Rh-101m	TALYS-6a	0	15		Cd-109(n,dt)Pd-105	TALYS-6a	0 [8]	21
Cd-108(n,dt)Pd-104	TALYS-6a	0 [8]	21		Cd-109(n,n'pd)Pd-106	TALYS-6a	0 [8]	24
Cd-108(n,n'pd)Pd-105	TALYS-6a	0 [8]	22		Cd-109(n,n'pt)Pd-105	TALYS-6a	0 [8]	20
Cd-108(n,n'pt)Pd-104	TALYS-6a	0 [8]	21		Cd-109(n,n'dt)Pd-104	TALYS-6a	0 [8]	15
Cd-108(n,dt)Pd-103	TALYS-6a	0 [8]	14		Cd-109(n,n'ph)Rh-105g	TALYS-6a	0	16
Cd-108(n,n'ph)Rh-104g	TALYS-6a	0	15		Cd-109(n,n'ph)Rh-105m	TALYS-6a	0	16
Cd-108(n,n'ph)Rh-104m	TALYS-6a	0	15		Cd-109(n,n'dh)Rh-104g	TALYS-6a	0	12
Cd-108(n,n'dh)Rh-103g	TALYS-6a	0	13		Cd-109(n,n'dh)Rh-104m	TALYS-6a	0	12
Cd-108(n,n'dh)Rh-103m	TALYS-6a	0	13		Cd-109(n,n'ta)Rh-102g	TALYS-6a	0	20
Cd-108(n,n'ta)Rh-101g	TALYS-6a	0	20		Cd-109(n,n'ta)Rh-102m	TALYS-6a	0	20
Cd-108(n,n'ta)Rh-101m	TALYS-6a	0	20		Cd-109(n,2n2p)Pd-106	TALYS-6a	0 [8]	22
Cd-108(n,2n2p)Pd-105	TALYS-6a	0 [8]	20		Cd-109(n,ph)Rh-106g	TALYS-6a	0	22
Cd-108(n,ph)Rh-105g	TALYS-6a	0	24		Cd-109(n,ph)Rh-106m	TALYS-6a	0	22
Cd-108(n,ph)Rh-105m	TALYS-6a	0	23		Cd-109(n,4n2p)Pd-104	TALYS-6a	0 [8]	11
Cd-108(n,ha)Ru-102	TALYS-6a	0 [8]	27		Cd-109(n,4n2a)Ru-98	TALYS-6a	0 [8]	12
Cd-108(n,4n2p)Pd-103	TALYS-6a	0 [8]	10		Cd-109(n,4npa)Rh-101g	TALYS-6a	0	11
Cd-108(n,4n2a)Ru-97	TALYS-6a	0 [8]	10		Cd-109(n,4npa)Rh-101m	TALYS-6a	0	11
Cd-108(n,4npa)Rh-100g	TALYS-6a	0 [4,8]	9		Cd-109(n,3p)Rh-107	TALYS-6a	0 [8]	24
Cd-108(n,4npa)Rh-100m	TALYS-6a	0 [4,7,8,8]	8		Cd-109(n,n'3p)Rh-106g	TALYS-6a	0	16
Cd-108(n,3p)Rh-106g	TALYS-6a	0	23		Cd-109(n,n'3p)Rh-106m	TALYS-6a	0	16
Cd-108(n,3p)Rh-106m	TALYS-6a	0	23		Cd-109(n,3n2pa)Ru-101	TALYS-6a	0 [8]	10
Cd-108(n,n'3p)Rh-105g	TALYS-6a	0	16		Cd-109(n,5n2p)Pd-103	TALYS-6a	0 [8]	6
Cd-108(n,n'3p)Rh-105m	TALYS-6a	0	16		Cd-110(n,2nd)Ag-107g	TALYS-6a	0	22
Cd-108(n,3n2pa)Ru-100	TALYS-6a	0 [8]	10		Cd-110(n,2nd)Ag-107m	TALYS-6a	0	22
Cd-108(n,5n2p)Pd-102	TALYS-6a	0 [8]	6		Cd-110(n,2n)Cd-109	ADL-3	2 [13,3]	45
Cd-109(n,2nd)Ag-106g	TALYS-6a	0	23		Cd-110(n,3n)Cd-108	TALYS-6a	0	29
Cd-109(n,2nd)Ag-106m	TALYS-6a	0	22		Cd-110(n,n'a)Pd-106	TALYS-6a	0 [8]	57
Cd-109(n,2n)Cd-108	TALYS-6a	0	49		Cd-110(n,n'3a)Mo-98	TALYS-6a	0 [8]	17
Cd-109(n,3n)Cd-107	TALYS-6a	0	29		Cd-110(n,2na)Pd-105	TALYS-6a	0 [8]	31
Cd-109(n,n'a)Pd-105	TALYS-6a	0 [8]	59		Cd-110(n,3na)Pd-104	TALYS-6a	0 [8]	24
Cd-109(n,n'3a)Mo-97	TALYS-6a	0 [8]	19		Cd-110(n,n'p)Ag-109g	TALYS-6a	0	42
Cd-109(n,2na)Pd-104	TALYS-6a	0 [8]	36		Cd-110(n,n'p)Ag-109m	TALYS-6a	0	42
Cd-109(n,3na)Pd-103	TALYS-6a	0 [8]	24		Cd-110(n,n'2a)Ru-102	TALYS-6a	0 [8]	31
Cd-109(n,n'p)Ag-108g	TALYS-6a	0	44		Cd-110(n,2n2a)Ru-101	TALYS-6a	0 [8]	21
Cd-109(n,n'p)Ag-108m	TALYS-6a	0	44		Cd-110(n,n'd)Ag-108g	TALYS-6a	0	29
Cd-109(n,n'2a)Ru-101	TALYS-6a	0 [8]	32		Cd-110(n,n'd)Ag-108m	TALYS-6a	0	29
Cd-109(n,2n2a)Ru-100	TALYS-6a	0 [8]	25		Cd-110(n,n't)Ag-107g	TALYS-6a	0	28
Cd-109(n,n'd)Ag-107g	TALYS-6a	0	33		Cd-110(n,n't)Ag-107m	TALYS-6a	0	28
Cd-109(n,n'd)Ag-107m	TALYS-6a	0	32		Cd-110(n,n'h)Pd-107g	TALYS-6a	0	26
Cd-109(n,n't)Ag-106g	TALYS-6a	0	28		Cd-110(n,n'h)Pd-107m	TALYS-6a	0	26
Cd-109(n,n't)Ag-106m	TALYS-6a	0	28		Cd-110(n,n'd2a)Tc-100	TALYS-6a	0 [8]	12

Reaction	Library			
Cd-110(n,4n)Cd-107	TALYS-6a	0		19
Cd-110(n,2np)Ag-108g	TALYS-6a	0		28
Cd-110(n,2np)Ag-108m	TALYS-6a	0		28
Cd-110(n,3np)Ag-107g	TALYS-6a	0		20
Cd-110(n,3np)Ag-107m	TALYS-6a	0		20
Cd-110(n,n'2p)Pd-108	TALYS-6a	0	[8]	28
Cd-110(n,n'pa)Rh-105g	TALYS-6a	0		29
Cd-110(n,n'pa)Rh-105m	TALYS-6a	0		28
Cd-110(n,g)Cd-111g 14181	JEF-2.2	4	[13,13,4,6,4]	
Cd-110(n,g)Cd-111m 14181	JEF-2.2	3	[7,13,13,4,6,4]	
Cd-110(n,p)Ag-110g	TALYS-6	4		72
Cd-110(n,p)Ag-110m	TALYS-6	4	[3]	71
Cd-110(n,d)Ag-109g	TALYS-6a	0		47
Cd-110(n,d)Ag-109m	TALYS-6a	0		46
Cd-110(n,t)Ag-108g	TALYS-6a	0		39
Cd-110(n,t)Ag-108m	TALYS-6a	0		39
Cd-110(n,h)Pd-108	TALYS-6a	0	[8]	39
Cd-110(n,a)Pd-107g 14219	TALYS-6a	0	[9,2,3]	
Cd-110(n,a)Pd-107m 14219	TALYS-6a	0	[9,2,3]	
Cd-110(n,2a)Ru-103	TALYS-6a	0		100
Cd-110(n,2p)Pd-109g	TALYS-6a	0		37
Cd-110(n,2p)Pd-109m	TALYS-6a	0		37
Cd-110(n,pa)Rh-106g	TALYS-6a	0		38
Cd-110(n,pa)Rh-106m	TALYS-6a	0		38
Cd-110(n,pd)Pd-108	TALYS-6a	0	[8]	30
Cd-110(n,pt)Pd-107g	TALYS-6a	0		26
Cd-110(n,pt)Pd-107m	TALYS-6a	0		26
Cd-110(n,da)Rh-105g	TALYS-6a	0		30
Cd-110(n,da)Rh-105m	TALYS-6a	0		30
Cd-110(n,5n)Cd-106	TALYS-6a	0		14
Cd-110(n,6n)Cd-105	TALYS-6a	0		8
Cd-110(n,2nt)Ag-106g	TALYS-6a	0		18
Cd-110(n,2nt)Ag-106m	TALYS-6a	0		18
Cd-110(n,ta)Rh-104g	TALYS-6a	0		26
Cd-110(n,ta)Rh-104m	TALYS-6a	0		26
Cd-110(n,4np)Ag-106g	TALYS-6a	0		14
Cd-110(n,4np)Ag-106m	TALYS-6a	0		14
Cd-110(n,3nd)Ag-106g	TALYS-6a	0		14
Cd-110(n,3nd)Ag-106m	TALYS-6a	0		14
Cd-110(n,n'da)Rh-104g	TALYS-6a	0		21
Cd-110(n,n'da)Rh-104m	TALYS-6a	0		20
Cd-110(n,2npa)Rh-104g	TALYS-6a	0		19
Cd-110(n,2npa)Rh-104m	TALYS-6a	0		19
Cd-110(n,7n)Cd-104	TALYS-6a	0		4
Cd-110(n,5np)Ag-105g	TALYS-6a	0		10
Cd-110(n,5np)Ag-105m	TALYS-6a	0		10
Cd-110(n,6np)Ag-104g	TALYS-6a	0		5
Cd-110(n,6np)Ag-104m	TALYS-6a	0		5
Cd-110(n,4na)Pd-103	TALYS-6a	0	[8]	15
Cd-110(n,5na)Pd-102	TALYS-6a	0	[8]	11
Cd-110(n,6na)Pd-101	TALYS-6a	0	[8]	6
Cd-110(n,4nd)Ag-105g	TALYS-6a	0		10
Cd-110(n,4nd)Ag-105m	TALYS-6a	0		11
Cd-110(n,5nd)Ag-104g	TALYS-6a	0		6
Cd-110(n,5nd)Ag-104m	TALYS-6a	0		6
Cd-110(n,3nt)Ag-105g	TALYS-6a	0		13
Cd-110(n,3nt)Ag-105m	TALYS-6a	0		13
Cd-110(n,4nt)Ag-104g	TALYS-6a	0		8
Cd-110(n,4nt)Ag-104m	TALYS-6a	0		8
Cd-110(n,2nh)Pd-106	TALYS-6a	0	[8]	19
Cd-110(n,3nh)Pd-105	TALYS-6a	0	[8]	13
Cd-110(n,4nh)Pd-104	TALYS-6a	0	[8]	10
Cd-110(n,3n2p)Pd-106	TALYS-6a	0	[8]	14
Cd-110(n,3n2a)Ru-100	TALYS-6a	0	[8]	15
Cd-110(n,3npa)Rh-103g	TALYS-6a	0		14
Cd-110(n,3npa)Rh-103m	TALYS-6a	0		14
Cd-110(n,dt)Pd-106	TALYS-6a	0	[8]	21
Cd-110(n,n'pd)Pd-107g	TALYS-6a	0		20
Cd-110(n,n'pd)Pd-107m	TALYS-6a	0		20
Cd-110(n,n'pt)Pd-106	TALYS-6a	0	[8]	20
Cd-110(n,n'dt)Pd-105	TALYS-6a	0	[8]	14
Cd-110(n,n'ph)Rh-106g	TALYS-6a	0		14
Cd-110(n,n'ph)Rh-106m	TALYS-6a	0		14
Cd-110(n,n'dh)Rh-105g	TALYS-6a	0		12
Cd-110(n,n'dh)Rh-105m	TALYS-6a	0		12
Cd-110(n,n'ta)Rh-103g	TALYS-6a	4		19
Cd-110(n,n'ta)Rh-103m	TALYS-6a	0		19
Cd-110(n,2n2p)Pd-107g	TALYS-6a	0		19
Cd-110(n,2n2p)Pd-107m	TALYS-6a	0		19
Cd-110(n,ph)Rh-107	TALYS-6a	0	[8]	21
Cd-110(n,4n2p)Pd-105	TALYS-6a	0	[8]	10
Cd-110(n,4n2a)Ru-99	TALYS-6a	0	[8]	10
Cd-110(n,4npa)Rh-102g	TALYS-6a	0		9
Cd-110(n,4npa)Rh-102m	TALYS-6a	0		9
Cd-110(n,n'3p)Rh-107	TALYS-6a	0	[8]	15
Cd-110(n,3n2pa)Ru-102	TALYS-6a	0	[8]	9
Cd-110(n,5n2p)Pd-104	TALYS-6a	0	[8]	6
Cd-111(n,n')Cd-111m	TALYS-5a	4		86
Cd-111(n,2nd)Ag-108g	TALYS-6a	0		22
Cd-111(n,2nd)Ag-108m	TALYS-6a	0		22
Cd-111(n,2n)Cd-110	TALYS-6a	0		50
Cd-111(n,3n)Cd-109	TALYS-6a	0		29
Cd-111(n,n'a)Pd-107g	TALYS-6a	0		54
Cd-111(n,n'a)Pd-107m	TALYS-6a	0		53
Cd-111(n,2na)Pd-106	TALYS-6a	0	[8]	36
Cd-111(n,3na)Pd-105	TALYS-6a	0	[8]	24
Cd-111(n,n'p)Ag-110g	TALYS-6a	0		42
Cd-111(n,n'p)Ag-110m	TALYS-6a	0		42
Cd-111(n,n'2a)Ru-103	TALYS-6a	0	[8]	30
Cd-111(n,2n2a)Ru-102	TALYS-6a	0	[8]	23
Cd-111(n,n'd)Ag-109g	TALYS-6a	0		32
Cd-111(n,n'd)Ag-109m	TALYS-6a	0		31
Cd-111(n,n't)Ag-108g	TALYS-6a	0		28
Cd-111(n,n't)Ag-108m	TALYS-6a	0		28
Cd-111(n,n'h)Pd-108	TALYS-6a	0	[8]	28

Reaction	Library			
Cd-111(n,4n)Cd-108	TALYS-6a	0		22
Cd-111(n,2np)Ag-109g	TALYS-6a	0		30
Cd-111(n,2np)Ag-109m	TALYS-6a	0		30
Cd-111(n,3np)Ag-108g	TALYS-6a	0		21
Cd-111(n,3np)Ag-108m	TALYS-6a	0		21
Cd-111(n,n'2p)Pd-109g	TALYS-6a	0		27
Cd-111(n,n'2p)Pd-109m	TALYS-6a	0		27
Cd-111(n,n'pa)Rh-106g	TALYS-6a	0		27
Cd-111(n,n'pa)Rh-106m	TALYS-6a	0		27
>Cd-111(n,g)Cd-112 23409	JEF-2.2	4	[14,13]	
>Cd-111(n,p)Ag-111g	JENDL-3.2/A	0	[2,12,3]	45
>Cd-111(n,p)Ag-111m	JENDL-3.2/A	1	[13]	45
Cd-111(n,d)Ag-110g	TALYS-6a	0		45
Cd-111(n,d)Ag-110m	TALYS-6a	0		45
Cd-111(n,t)Ag-109g	TALYS-6a	0		44
Cd-111(n,t)Ag-109m	TALYS-6a	0		44
Cd-111(n,h)Pd-109g	TALYS-6a	0		37
Cd-111(n,h)Pd-109m	TALYS-6a	0		37
Cd-111(n,a)Pd-108 23408	TALYS-6a	0	[9,2,3]	
Cd-111(n,2a)Ru-104	TALYS-6a	0		100
Cd-111(n,2p)Pd-110	TALYS-6a	0	[8]	42
Cd-111(n,pa)Rh-107	TALYS-6a	0	[8]	42
Cd-111(n,pd)Pd-109g	TALYS-6a	0		29
Cd-111(n,pd)Pd-109m	TALYS-6a	0		28
Cd-111(n,pt)Pd-108	TALYS-6a	0	[8]	29
Cd-111(n,da)Rh-106g	TALYS-6a	0		28
Cd-111(n,da)Rh-106m	TALYS-6a	0		29
Cd-111(n,5n)Cd-107	TALYS-6a	0		14
Cd-111(n,6n)Cd-106	TALYS-6a	0		10
Cd-111(n,2nt)Ag-107g	TALYS-6a	0		21
Cd-111(n,2nt)Ag-107m	TALYS-6a	0		21
Cd-111(n,ta)Rh-105g	TALYS-6a	0		29
Cd-111(n,ta)Rh-105m	TALYS-6a	0		28
Cd-111(n,4np)Ag-107g	TALYS-6a	0		15
Cd-111(n,4np)Ag-107m	TALYS-6a	0		15
Cd-111(n,3nd)Ag-107g	TALYS-6a	0		16
Cd-111(n,3nd)Ag-107m	TALYS-6a	0		16
Cd-111(n,n'da)Rh-105g	TALYS-6a	0		23
Cd-111(n,n'da)Rh-105m	TALYS-6a	0		22
Cd-111(n,2npa)Rh-105g	TALYS-6a	0		21
Cd-111(n,2npa)Rh-105m	TALYS-6a	0		21
Cd-111(n,7n)Cd-105	TALYS-6a	0		5
Cd-111(n,5np)Ag-106g	TALYS-6a	0		10
Cd-111(n,5np)Ag-106m	TALYS-6a	0		10
Cd-111(n,6np)Ag-105g	TALYS-6a	0		6
Cd-111(n,6np)Ag-105m	TALYS-6a	0		6
Cd-111(n,4na)Pd-104	TALYS-6a	0	[8]	16
Cd-111(n,5na)Pd-103	TALYS-6a	0	[8]	11
Cd-111(n,6na)Pd-102	TALYS-6a	0	[8]	7
Cd-111(n,4nd)Ag-106g	TALYS-6a	0		11
Cd-111(n,4nd)Ag-106m	TALYS-6a	0		11
Cd-111(n,5nd)Ag-105g	TALYS-6a	0		7
Cd-111(n,5nd)Ag-105m	TALYS-6a	0		7
Cd-111(n,3nt)Ag-106g	TALYS-6a	0		14
Cd-111(n,3nt)Ag-106m	TALYS-6a	0		14
Cd-111(n,4nt)Ag-105g	TALYS-6a	0		10
Cd-111(n,4nt)Ag-105m	TALYS-6a	0		10
Cd-111(n,5nt)Ag-104g	TALYS-6a	0		5
Cd-111(n,5nt)Ag-104m	TALYS-6a	0		5
Cd-111(n,2nh)Pd-107g	TALYS-6a	0		19
Cd-111(n,2nh)Pd-107m	TALYS-6a	0		19
Cd-111(n,3nh)Pd-106	TALYS-6a	0	[8]	15
Cd-111(n,4nh)Pd-105	TALYS-6a	0	[8]	10
Cd-111(n,3n2p)Pd-107g	TALYS-6a	0		14
Cd-111(n,3n2p)Pd-107m	TALYS-6a	0		14
Cd-111(n,3n2a)Ru-101	TALYS-6a	0	[8]	15
Cd-111(n,3npa)Rh-104g	TALYS-6a	0		14
Cd-111(n,3npa)Rh-104m	TALYS-6a	0		14
Cd-111(n,n'pd)Pd-108	TALYS-6a	0	[8]	23
Cd-111(n,n'pt)Pd-107g	TALYS-6a	0		19
Cd-111(n,n'pt)Pd-107m	TALYS-6a	0		19
Cd-111(n,n'dt)Pd-106	TALYS-6a	0	[8]	15
Cd-111(n,n'ph)Rh-107	TALYS-6a	0	[8]	15
Cd-111(n,n'ta)Rh-104g	TALYS-6a	0		19
Cd-111(n,n'ta)Rh-104m	TALYS-6a	0		19
Cd-111(n,2n2p)Pd-108	TALYS-6a	0	[8]	21
Cd-111(n,4n2p)Pd-106	TALYS-6a	0	[8]	11
Cd-111(n,4n2a)Ru-100	TALYS-6a	0	[8]	11
Cd-111(n,4npa)Rh-103g	TALYS-6a	0		10
Cd-111(n,4npa)Rh-103m	TALYS-6a	0		11
Cd-111(n,n'3p)Rh-108g	TALYS-6a	0	[4,8]	14
Cd-111(n,n'3p)Rh-108m	TALYS-6a	0	[4,7,8,8]	14
Cd-111(n,5n2p)Pd-105	TALYS-6a	0	[8]	6
Cd-112(n,2nd)Ag-109g	TALYS-6a	0		22
Cd-112(n,2nd)Ag-109m	TALYS-6a	0		22
Cd-112(n,2n)Cd-111g	TALYS-6a	0		43
Cd-112(n,2n)Cd-111m	ADL-3	6	[13]	45
Cd-112(n,3n)Cd-110	TALYS-6a	0		30
Cd-112(n,n'a)Pd-108	TALYS-6a	0	[8]	54
Cd-112(n,2na)Pd-107g	TALYS-6a	0		31
Cd-112(n,2na)Pd-107m	TALYS-6a	0		30
Cd-112(n,3na)Pd-106	TALYS-6a	0	[8]	24
Cd-112(n,n'p)Ag-111g	TALYS-6a	0		41
Cd-112(n,n'p)Ag-111m	TALYS-6a	0		41
Cd-112(n,n'2a)Ru-104	TALYS-6a	0	[8]	29
Cd-112(n,2n2a)Ru-103	TALYS-6a	0	[8]	19
Cd-112(n,n'd)Ag-110g	TALYS-6a	0		29
Cd-112(n,n'd)Ag-110m	TALYS-6a	0		29
Cd-112(n,n't)Ag-109g	TALYS-6a	0		28
Cd-112(n,n't)Ag-109m	TALYS-6a	0		28
Cd-112(n,n'h)Pd-109g	TALYS-6a	0		25
Cd-112(n,n'h)Pd-109m	TALYS-6a	0		25
Cd-112(n,4n)Cd-109	TALYS-6a	0		20
Cd-112(n,2np)Ag-110g	TALYS-6a	0		27
Cd-112(n,2np)Ag-110m	TALYS-6a	0		27
Cd-112(n,3np)Ag-109g	TALYS-6a	0		20
Cd-112(n,3np)Ag-109m	TALYS-6a	0		20

Cd-112(n,n'2p)Pd-110	TALYS-6a	0 [8]	27	Cd-113(n,p)Ag-113m	TALYS-5	2	76
Cd-112(n,n'pa)Rh-107	TALYS-6a	0 [8]	27	Cd-113(n,d)Ag-112	TALYS-6a	0 [8]	44
>Cd-112(n,g)Cd-113g	JEF-2.2	2 [13,3]		Cd-113(n,t)Ag-111g	TALYS-6a	0	43
15377				Cd-113(n,t)Ag-111m	TALYS-6a	0	43
>Cd-112(n,g)Cd-113m	JEF-2.2	2 [13,3]		Cd-113(n,h)Pd-111g	TALYS-6a	0	34
15377				Cd-113(n,h)Pd-111m	TALYS-6a	0	34
Cd-112(n,p)Ag-112	ADL-3	4 [13]	45	Cd-113(n,a)Pd-110	ENDF/B-VI.7	2 [7,9,13,3,3,10]	3308
Cd-112(n,d)Ag-111g	TALYS-6a	0	44	Cd-113(n,2a)Ru-106	TALYS-6a	0 [10]	100
Cd-112(n,d)Ag-111m	TALYS-6a	0	44	Cd-113(n,2p)Pd-112	TALYS-6a	0 [8]	37
Cd-112(n,t)Ag-110g	TALYS-6a	0	38	Cd-113(n,pa)Rh-109	TALYS-6a	0 [8]	38
Cd-112(n,t)Ag-110m	TALYS-6a	0	38	Cd-113(n,pd)Pd-111g	TALYS-6a	0	27
Cd-112(n,h)Pd-110	TALYS-6a	0 [8]	36	Cd-113(n,pd)Pd-111m	TALYS-6a	0	27
Cd-112(n,a)Pd-109g	TALYS-5a	4	100	Cd-113(n,pt)Pd-110	TALYS-6a	0 [8]	28
Cd-112(n,a)Pd-109m	TALYS-5a	4 [3]	100	Cd-113(n,da)Rh-108g	TALYS-6a	0 [4,8]	27
Cd-112(n,2a)Ru-105	TALYS-6a	0 [8]	38	Cd-113(n,da)Rh-108m	TALYS-6a	0 [4,7,8,8]	27
Cd-112(n,2p)Pd-111g	TALYS-6a	0	33	Cd-113(n,5n)Cd-109	TALYS-6a	0	15
Cd-112(n,2p)Pd-111m	TALYS-6a	0	33	Cd-113(n,6n)Cd-108	TALYS-6a	0	11
Cd-112(n,pa)Rh-108g	TALYS-6a	0 [4,8]	34	Cd-113(n,2nt)Ag-109g	TALYS-6a	0	21
Cd-112(n,pa)Rh-108m	TALYS-6a	0 [4,7,8,8]	34	Cd-113(n,2nt)Ag-109m	TALYS-6a	0	21
Cd-112(n,pd)Pd-110	TALYS-6a	0 [8]	28	Cd-113(n,ta)Rh-107	TALYS-6a	0 [8]	28
Cd-112(n,pt)Pd-109g	TALYS-6a	0	25	Cd-113(n,4np)Ag-109g	TALYS-6a	0	15
Cd-112(n,pt)Pd-109m	TALYS-6a	0	25	Cd-113(n,4np)Ag-109m	TALYS-6a	0	15
Cd-112(n,da)Rh-107	TALYS-6a	0 [8]	28	Cd-113(n,3nd)Ag-109g	TALYS-6a	0	16
Cd-112(n,5n)Cd-108	TALYS-6a	0	15	Cd-113(n,3nd)Ag-109m	TALYS-6a	0	16
Cd-112(n,6n)Cd-107	TALYS-6a	0	9	Cd-113(n,n'da)Rh-107	TALYS-6a	0 [8]	22
Cd-112(n,2nt)Ag-108g	TALYS-6a	0	19	Cd-113(n,2npa)Rh-107	TALYS-6a	0 [8]	20
Cd-112(n,2nt)Ag-108m	TALYS-6a	0	19	Cd-113(n,7n)Cd-107	TALYS-6a	0	6
Cd-112(n,ta)Rh-106g	TALYS-6a	0	25	Cd-113(n,5np)Ag-108g	TALYS-6a	0	11
Cd-112(n,ta)Rh-106m	TALYS-6a	0	25	Cd-113(n,5np)Ag-108m	TALYS-6a	0	11
Cd-112(n,4np)Ag-108g	TALYS-6a	0	14	Cd-113(n,6np)Ag-107g	TALYS-6a	0	7
Cd-112(n,4np)Ag-108m	TALYS-6a	0	14	Cd-113(n,6np)Ag-107m	TALYS-6a	0	7
Cd-112(n,3nd)Ag-108g	TALYS-6a	0	15	Cd-113(n,4na)Pd-106	TALYS-6a	0 [8]	17
Cd-112(n,3nd)Ag-108m	TALYS-6a	0	15	Cd-113(n,5na)Pd-105	TALYS-6a	0 [8]	12
Cd-112(n,n'da)Rh-106g	TALYS-6a	0	19	Cd-113(n,6na)Pd-104	TALYS-6a	0 [8]	8
Cd-112(n,n'da)Rh-106m	TALYS-6a	0	19	Cd-113(n,4nd)Ag-108g	TALYS-6a	0	11
Cd-112(n,2npa)Rh-106g	TALYS-6a	0	18	Cd-113(n,4nd)Ag-108m	TALYS-6a	0	11
Cd-112(n,2npa)Rh-106m	TALYS-6a	0	18	Cd-113(n,5nd)Ag-107g	TALYS-6a	0	8
Cd-112(n,7n)Cd-106	TALYS-6a	0	5	Cd-113(n,5nd)Ag-107m	TALYS-6a	0	8
Cd-112(n,5np)Ag-107g	TALYS-6a	0	10	Cd-113(n,3nt)Ag-108g	TALYS-6a	0	14
Cd-112(n,5np)Ag-107m	TALYS-6a	0	10	Cd-113(n,3nt)Ag-108m	TALYS-6a	0	14
Cd-112(n,6np)Ag-106g	TALYS-6a	0	5	Cd-113(n,4nt)Ag-107g	TALYS-6a	0	11
Cd-112(n,6np)Ag-106m	TALYS-6a	0	6	Cd-113(n,4nt)Ag-107m	TALYS-6a	0	11
Cd-112(n,4na)Pd-105	TALYS-6a	0 [8]	15	Cd-113(n,5nt)Ag-106g	TALYS-6a	0	6
Cd-112(n,5na)Pd-104	TALYS-6a	0 [8]	12	Cd-113(n,5nt)Ag-106m	TALYS-6a	0	6
Cd-112(n,6na)Pd-103	TALYS-6a	0 [8]	6	Cd-113(n,2nh)Pd-109g	TALYS-6a	0	19
Cd-112(n,4nd)Ag-107g	TALYS-6a	0	11	Cd-113(n,2nh)Pd-109m	TALYS-6a	0	18
Cd-112(n,4nd)Ag-107m	TALYS-6a	0	11	Cd-113(n,3nh)Pd-108	TALYS-6a	0 [8]	14
Cd-112(n,5nd)Ag-106g	TALYS-6a	0	6	Cd-113(n,4nh)Pd-107g	TALYS-6a	0	10
Cd-112(n,5nd)Ag-106m	TALYS-6a	0	6	Cd-113(n,4nh)Pd-107m	TALYS-6a	0	10
Cd-112(n,3nt)Ag-107g	TALYS-6a	0	14	Cd-113(n,3n2p)Pd-109g	TALYS-6a	0	14
Cd-112(n,3nt)Ag-107m	TALYS-6a	0	14	Cd-113(n,3n2p)Pd-109m	TALYS-6a	0	14
Cd-112(n,4nt)Ag-106g	TALYS-6a	0	9	Cd-113(n,3n2a)Ru-103	TALYS-6a	0 [8]	14
Cd-112(n,4nt)Ag-106m	TALYS-6a	0	9	Cd-113(n,3npa)Rh-106g	TALYS-6a	0	14
Cd-112(n,5nt)Ag-105g	TALYS-6a	0	5	Cd-113(n,3npa)Rh-106m	TALYS-6a	0	14
Cd-112(n,5nt)Ag-105m	TALYS-6a	0	5	Cd-113(n,n'pd)Pd-110	TALYS-6a	0 [8]	22
Cd-112(n,2nh)Pd-108	TALYS-6a	0 [8]	19	Cd-113(n,n'pt)Pd-109g	TALYS-6a	0	18
Cd-112(n,3nh)Pd-107g	TALYS-6a	0	13	Cd-113(n,n'pt)Pd-109m	TALYS-6a	0	18
Cd-112(n,3nh)Pd-107m	TALYS-6a	0	13	Cd-113(n,n'dt)Pd-108	TALYS-6a	0 [8]	15
Cd-112(n,4nh)Pd-106	TALYS-6a	0 [8]	10	Cd-113(n,n'ph)Rh-109	TALYS-6a	0 [8]	14
Cd-112(n,3n2p)Pd-108	TALYS-6a	0 [8]	14	Cd-113(n,n'ta)Rh-106g	TALYS-6a	0	18
Cd-112(n,3n2a)Ru-102	TALYS-6a	0 [8]	15	Cd-113(n,n'ta)Rh-106m	TALYS-6a	0	18
Cd-112(n,3npa)Rh-105g	TALYS-6a	0	14	Cd-113(n,2n2p)Pd-110	TALYS-6a	0 [8]	20
Cd-112(n,3npa)Rh-105m	TALYS-6a	0	14	Cd-113(n,4n2p)Pd-108	TALYS-6a	0 [8]	11
Cd-112(n,n'pd)Pd-109g	TALYS-6a	0	19	Cd-113(n,4n2a)Ru-102	TALYS-6a	0 [8]	11
Cd-112(n,n'pd)Pd-109m	TALYS-6a	0	19	Cd-113(n,4npa)Rh-105g	TALYS-6a	0	10
Cd-112(n,n'pt)Pd-108	TALYS-6a	0 [8]	19	Cd-113(n,4npa)Rh-105m	TALYS-6a	0	10
Cd-112(n,n'dt)Pd-107g	TALYS-6a	0	14	Cd-113m(n,n')Cd-113g	TALYS-6a	0 [8,8]	97
Cd-112(n,n'dt)Pd-107m	TALYS-6a	0	14	Cd-113m(n,2nd)Ag-110g	TALYS-6a	0	23
Cd-112(n,n'ph)Rh-108g	TALYS-6a	0 [4,8]	13	Cd-113m(n,2nd)Ag-110m	TALYS-6a	0	23
Cd-112(n,n'ph)Rh-108m	TALYS-6a	0 [4,7,8,8]	13	Cd-113m(n,2n)Cd-112	TALYS-6a	0	54
Cd-112(n,n'ta)Rh-105g	TALYS-6a	0	19	Cd-113m(n,3n)Cd-111g	TALYS-6a	0	31
Cd-112(n,n'ta)Rh-105m	TALYS-6a	0	18	Cd-113m(n,3n)Cd-111m	TALYS-6a	0	30
Cd-112(n,2n2p)Pd-109g	TALYS-6a	0	18	Cd-113m(n,n'a)Pd-109g	TALYS-6a	0	53
Cd-112(n,2n2p)Pd-109m	TALYS-6a	0	17	Cd-113m(n,n'a)Pd-109m	TALYS-6a	0	52
Cd-112(n,4n2p)Pd-107g	TALYS-6a	0	9	Cd-113m(n,2na)Pd-108	TALYS-6a	0 [8]	36
Cd-112(n,4n2p)Pd-107m	TALYS-6a	0	9	Cd-113m(n,3na)Pd-107g	TALYS-6a	0	24
Cd-112(n,4n2a)Ru-101	TALYS-6a	0 [8]	10	Cd-113m(n,3na)Pd-107m	TALYS-6a	0	24
Cd-112(n,4npa)Rh-104g	TALYS-6a	0	9	Cd-113m(n,n'p)Ag-112	TALYS-6a	0 [8]	41
Cd-112(n,4npa)Rh-104m	TALYS-6a	0	9	Cd-113m(n,n'2a)Ru-105	TALYS-6a	0 [8]	28
Cd-113(n,n')Cd-113m	TALYS-6a	0	88	Cd-113m(n,2n2a)Ru-104	TALYS-6a	0 [8]	22
Cd-113(n,2nd)Ag-110g	TALYS-6a	0	22	Cd-113m(n,n'd)Ag-111g	TALYS-6a	0	32
Cd-113(n,2nd)Ag-110m	TALYS-6a	0	22	Cd-113m(n,n'd)Ag-111m	TALYS-6a	0	31
Cd-113(n,2n)Cd-112	TALYS-6a	0 [8]	52	Cd-113m(n,n't)Ag-110g	TALYS-6a	0	29
Cd-113(n,3n)Cd-111g	TALYS-6a	0	30	Cd-113m(n,n't)Ag-110m	TALYS-6a	0	29
Cd-113(n,3n)Cd-111m	TALYS-6a	0	30	Cd-113m(n,n'h)Pd-110	TALYS-6a	0 [8]	27
Cd-113(n,n'a)Pd-109g	TALYS-6a	0	52	Cd-113m(n,4n)Cd-110	TALYS-6a	0	24
Cd-113(n,n'a)Pd-109m	TALYS-6a	0	51	Cd-113m(n,2np)Ag-111g	TALYS-6a	0	30
Cd-113(n,2na)Pd-108	TALYS-6a	0 [8]	35	Cd-113m(n,2np)Ag-111m	TALYS-6a	0	30
Cd-113(n,3na)Pd-107g	TALYS-6a	0	24	Cd-113m(n,3np)Ag-110g	TALYS-6a	0	21
Cd-113(n,3na)Pd-107m	TALYS-6a	0	24	Cd-113m(n,3np)Ag-110m	TALYS-6a	0	21
Cd-113(n,n'p)Ag-112	TALYS-6a	0 [8]	41	Cd-113m(n,n'2p)Pd-111g	TALYS-6a	0	26
Cd-113(n,n'2a)Ru-105	TALYS-6a	0 [8]	27	Cd-113m(n,n'2p)Pd-111m	TALYS-6a	0	26
Cd-113(n,2n2a)Ru-104	TALYS-6a	0 [8]	22	Cd-113m(n,n'pa)Rh-108g	TALYS-6a	0 [4,8]	26
Cd-113(n,n'd)Ag-111g	TALYS-6a	0	31	Cd-113m(n,n'pa)Rh-108m	TALYS-6a	0 [4,7,8,8]	26
Cd-113(n,n'd)Ag-111m	TALYS-6a	0	31	Cd-113m(n,g)Cd-114	JEF-2.2	2 [13]	3361
Cd-113(n,n't)Ag-110g	TALYS-6a	0	28	Cd-113m(n,p)Ag-113g	TALYS-6a	0 [2]	77
Cd-113(n,n't)Ag-110m	TALYS-6a	0	28	Cd-113m(n,p)Ag-113m	TALYS-6a	0 [2]	77
Cd-113(n,n'h)Pd-110	TALYS-6a	0 [8]	27	Cd-113m(n,d)Ag-112	TALYS-6a	0 [8]	45
Cd-113(n,4n)Cd-110	TALYS-6a	0	23	Cd-113m(n,t)Ag-111g	TALYS-6a	0	43
Cd-113(n,2np)Ag-111g	TALYS-6a	0	30	Cd-113m(n,t)Ag-111m	TALYS-6a	0	44
Cd-113(n,2np)Ag-111m	TALYS-6a	0	30	Cd-113m(n,h)Pd-111g	TALYS-6a	0	34
Cd-113(n,3np)Ag-110g	TALYS-6a	0	21	Cd-113m(n,h)Pd-111m	TALYS-6a	0	34
Cd-113(n,3np)Ag-110m	TALYS-6a	0	21	Cd-113m(n,a)Pd-110	TALYS-6a	0 [9,2,3]	2276
Cd-113(n,n'2p)Pd-111g	TALYS-6a	0	25	Cd-113m(n,2a)Ru-106	TALYS-6a	0 [10]	100
Cd-113(n,n'2p)Pd-111m	TALYS-6a	0	25	Cd-113m(n,2p)Pd-112	TALYS-6a	0 [8]	37
Cd-113(n,n'pa)Rh-108g	TALYS-6a	0 [4,8]	26	Cd-113m(n,pa)Rh-109	TALYS-6a	0 [8]	39
Cd-113(n,n'pa)Rh-108m	TALYS-6a	0 [4,7,8,8]	26	Cd-113m(n,pd)Pd-111g	TALYS-6a	0	27
Cd-113(n,g)Cd-114	JEF-2.2	4 [13,13,4]	3230	Cd-113m(n,pd)Pd-111m	TALYS-6a	0	27
Cd-113(n,p)Ag-113g	TALYS-5	2	76	Cd-113m(n,pt)Pd-110	TALYS-6a	0 [8]	28

Reaction	Library		Reaction	Library	
Cd-113m(n,da)Rh-108g	TALYS-6a	0 [4,8] 27	Cd-114(n,6np)Ag-108g	TALYS-6a	0 6
Cd-113m(n,da)Rh-108m	TALYS-6a	0 [4,7,8,8] 27	Cd-114(n,6np)Ag-108m	TALYS-6a	0 6
Cd-113m(n,5n)Cd-109	TALYS-6a	0 15	Cd-114(n,4na)Pd-107g	TALYS-6a	0 15
Cd-113m(n,6n)Cd-108	TALYS-6a	0 11	Cd-114(n,4na)Pd-107m	TALYS-6a	0 15
Cd-113m(n,2nt)Ag-109g	TALYS-6a	0 22	Cd-114(n,5na)Pd-106	TALYS-6a	0 [8] 12
Cd-113m(n,2nt)Ag-109m	TALYS-6a	0 22	Cd-114(n,6na)Pd-105	TALYS-6a	0 [8] 7
Cd-113m(n,ta)Rh-107	TALYS-6a	0 [8] 28	Cd-114(n,4nd)Ag-109g	TALYS-6a	0 11
Cd-113m(n,4np)Ag-109g	TALYS-6a	0 15	Cd-114(n,4nd)Ag-109m	TALYS-6a	0 11
Cd-113m(n,4np)Ag-109m	TALYS-6a	0 15	Cd-114(n,5nd)Ag-108g	TALYS-6a	0 7
Cd-113m(n,3nd)Ag-109g	TALYS-6a	0 16	Cd-114(n,5nd)Ag-108m	TALYS-6a	0 7
Cd-113m(n,3nd)Ag-109m	TALYS-6a	0 16	Cd-114(n,3nt)Ag-109g	TALYS-6a	0 14
Cd-113m(n,n'da)Rh-107	TALYS-6a	0 [8] 22	Cd-114(n,3nt)Ag-109m	TALYS-6a	0 14
Cd-113m(n,2npa)Rh-107	TALYS-6a	0 [8] 20	Cd-114(n,4nt)Ag-108g	TALYS-6a	0 10
Cd-113m(n,7n)Cd-107	TALYS-6a	0 6	Cd-114(n,4nt)Ag-108m	TALYS-6a	0 10
Cd-113m(n,5np)Ag-108g	TALYS-6a	0 11	Cd-114(n,5nt)Ag-107g	TALYS-6a	0 6
Cd-113m(n,5np)Ag-108m	TALYS-6a	0 11	Cd-114(n,5nt)Ag-107m	TALYS-6a	0 6
Cd-113m(n,6np)Ag-107g	TALYS-6a	0 7	Cd-114(n,2nh)Pd-110	TALYS-6a	0 [8] 18
Cd-113m(n,6np)Ag-107m	TALYS-6a	0 7	Cd-114(n,3nh)Pd-109g	TALYS-6a	0 13
Cd-113m(n,4na)Pd-106	TALYS-6a	0 [8] 17	Cd-114(n,3nh)Pd-109m	TALYS-6a	0 13
Cd-113m(n,5na)Pd-105	TALYS-6a	0 [8] 12	Cd-114(n,4nh)Pd-108	TALYS-6a	0 [8] 10
Cd-113m(n,6na)Pd-104	TALYS-6a	0 [8] 8	Cd-114(n,3n2p)Pd-110	TALYS-6a	0 [8] 14
Cd-113m(n,4nd)Ag-108g	TALYS-6a	0 12	Cd-114(n,3n2a)Ru-104	TALYS-6a	0 [8] 14
Cd-113m(n,4nd)Ag-108m	TALYS-6a	0 12	Cd-114(n,3npa)Rh-107	TALYS-6a	0 [8] 14
Cd-113m(n,5nd)Ag-107g	TALYS-6a	0 8	Cd-114(n,n'pd)Pd-111g	TALYS-6a	0 18
Cd-113m(n,5nd)Ag-107m	TALYS-6a	0 8	Cd-114(n,n'pd)Pd-111m	TALYS-6a	0 18
Cd-113m(n,3nt)Ag-108g	TALYS-6a	0 14	Cd-114(n,n'pt)Pd-110	TALYS-6a	0 [8] 18
Cd-113m(n,3nt)Ag-108m	TALYS-6a	0 14	Cd-114(n,n'dt)Pd-109g	TALYS-6a	0 14
Cd-113m(n,4nt)Ag-107g	TALYS-6a	0 11	Cd-114(n,n'dt)Pd-109m	TALYS-6a	0 13
Cd-113m(n,4nt)Ag-107m	TALYS-6a	0 11	Cd-114(n,n'ta)Rh-107	TALYS-6a	0 [8] 18
Cd-113m(n,5nt)Ag-106g	TALYS-6a	0 6	Cd-114(n,2n2p)Pd-111g	TALYS-6a	0 16
Cd-113m(n,5nt)Ag-106m	TALYS-6a	0 6	Cd-114(n,2n2p)Pd-111m	TALYS-6a	0 16
Cd-113m(n,2nh)Pd-109g	TALYS-6a	0 19	Cd-114(n,4n2p)Pd-109g	TALYS-6a	0 9
Cd-113m(n,2nh)Pd-109m	TALYS-6a	0 18	Cd-114(n,4n2p)Pd-109m	TALYS-6a	0 9
Cd-113m(n,3nh)Pd-108	TALYS-6a	0 [8] 14	Cd-114(n,4n2a)Ru-103	TALYS-6a	0 [8] 9
Cd-113m(n,4nh)Pd-107g	TALYS-6a	0 10	Cd-114(n,4npa)Rh-106g	TALYS-6a	0 9
Cd-113m(n,4nh)Pd-107m	TALYS-6a	0 10	Cd-114(n,4npa)Rh-106m	TALYS-6a	0 9
Cd-113m(n,3n2p)Pd-109g	TALYS-6a	0 14	Cd-115(n,n')Cd-115m	TALYS-6a	0 89
Cd-113m(n,3n2p)Pd-109m	TALYS-6a	0 14	Cd-115(n,2nd)Ag-112	TALYS-6a	0 [8] 23
Cd-113m(n,3n2a)Ru-103	TALYS-6a	0 [8] 14	Cd-115(n,2n)Cd-114	TALYS-6a	0 55
Cd-113m(n,3npa)Rh-106g	TALYS-6a	0 14	Cd-115(n,3n)Cd-113g	TALYS-6a	0 31
Cd-113m(n,3npa)Rh-106m	TALYS-6a	0 14	Cd-115(n,3n)Cd-113m	TALYS-6a	0 31
Cd-113m(n,n'pd)Pd-110	TALYS-6a	0 [8] 22	Cd-115(n,n'a)Pd-111g	TALYS-6a	0 48
Cd-113m(n,n'pt)Pd-109g	TALYS-6a	0 19	Cd-115(n,n'a)Pd-111m	TALYS-6a	0 48
Cd-113m(n,n'pt)Pd-109m	TALYS-6a	0 19	Cd-115(n,2na)Pd-110	TALYS-6a	0 [8] 35
Cd-113m(n,n'dt)Pd-108	TALYS-6a	0 [8] 15	Cd-115(n,3na)Pd-109g	TALYS-6a	0 24
Cd-113m(n,n'ph)Rh-109	TALYS-6a	0 [8] 14	Cd-115(n,3na)Pd-109m	TALYS-6a	0 24
Cd-113m(n,n'ta)Rh-106g	TALYS-6a	0 18	Cd-115(n,n'p)Ag-114g	TALYS-6a	0 [4,8] 39
Cd-113m(n,n'ta)Rh-106m	TALYS-6a	0 19	Cd-115(n,n'p)Ag-114m	TALYS-6a	0 [4,7,8,8] 38
Cd-113m(n,2n2p)Pd-110	TALYS-6a	0 [8] 20	Cd-115(n,n'2a)Ru-107	TALYS-6a	0 [8] 26
Cd-113m(n,4n2p)Pd-108	TALYS-6a	0 [8] 11	Cd-115(n,2n2a)Ru-106	TALYS-6a	0 [8] 20
Cd-113m(n,4n2a)Ru-102	TALYS-6a	0 [8] 11	Cd-115(n,n'd)Ag-113g	TALYS-6a	0 31
Cd-113m(n,4npa)Rh-105g	TALYS-6a	0 11	Cd-115(n,n'd)Ag-113m	TALYS-6a	0 31
Cd-113m(n,4npa)Rh-105m	TALYS-6a	0 10	Cd-115(n,n't)Ag-112	TALYS-6a	0 [8] 28
Cd-114(n,2nd)Ag-111g	TALYS-6a	0 22	Cd-115(n,n'h)Pd-112	TALYS-6a	0 [8] 26
Cd-114(n,2nd)Ag-111m	TALYS-6a	0 22	Cd-115(n,4n)Cd-112	TALYS-6a	0 25
Cd-114(n,2n)Cd-113g	TALYS-6a	0 43	Cd-115(n,2np)Ag-113g	TALYS-6a	0 29
Cd-114(n,2n)Cd-113m	ADL-3	2 [13] 45	Cd-115(n,2np)Ag-113m	TALYS-6a	0 29
Cd-114(n,3n)Cd-112	TALYS-6a	0 31	Cd-115(n,3np)Ag-112	TALYS-6a	0 21
Cd-114(n,n'a)Pd-110	TALYS-6a	0 [8] 51	Cd-115(n,n'2p)Pd-113g	TALYS-6a	0 24
Cd-114(n,2na)Pd-109g	TALYS-6a	0 30	Cd-115(n,n'2p)Pd-113m	TALYS-6a	0 24
Cd-114(n,2na)Pd-109m	TALYS-6a	0 30	Cd-115(n,n'pa)Rh-110g	TALYS-6a	0 [4,8] 24
Cd-114(n,3na)Pd-108	TALYS-6a	0 [8] 24	Cd-115(n,n'pa)Rh-110m	TALYS-6a	0 [4,7,8,8] 23
Cd-114(n,n'p)Ag-113g	TALYS-6a	0 39	Cd-115(n,g)Cd-116	TALYS-6	2 100
Cd-114(n,n'p)Ag-113m	TALYS-6a	0 39	Cd-115(n,p)Ag-115g	TALYS-6a	0 [2] 71
Cd-114(n,n'2a)Ru-106	TALYS-6a	0 [8] 27	Cd-115(n,p)Ag-115m	TALYS-6a	0 [2] 71
Cd-114(n,2n2a)Ru-105	TALYS-6a	0 [8] 18	Cd-115(n,d)Ag-114g	TALYS-6a	0 [4,8] 43
Cd-114(n,n'd)Ag-112	TALYS-6a	0 [8] 29	Cd-115(n,d)Ag-114m	TALYS-6a	0 [4,7,8,8] 42
Cd-114(n,n't)Ag-111g	TALYS-6a	0 28	Cd-115(n,t)Ag-113g	TALYS-6a	0 43
Cd-114(n,n't)Ag-111m	TALYS-6a	0 28	Cd-115(n,t)Ag-113m	TALYS-6a	0 43
Cd-114(n,n'h)Pd-111g	TALYS-6a	0 24	Cd-115(n,h)Pd-113g	TALYS-6a	0 31
Cd-114(n,n'h)Pd-111m	TALYS-6a	0 23	Cd-115(n,h)Pd-113m	TALYS-6a	0 31
Cd-114(n,4n)Cd-111g	TALYS-6a	0 21	Cd-115(n,a)Pd-112	TALYS-6a	0 [2] 100
Cd-114(n,4n)Cd-111m	TALYS-6a	0 21	Cd-115(n,2p)Pd-114	TALYS-6a	0 [8] 33
Cd-114(n,2np)Ag-112	TALYS-6a	0 [8] 27	Cd-115(n,pa)Rh-111	TALYS-6a	0 [8] 34
Cd-114(n,3np)Ag-111g	TALYS-6a	0 20	Cd-115(n,pd)Pd-113g	TALYS-6a	0 26
Cd-114(n,3np)Ag-111m	TALYS-6a	0 20	Cd-115(n,pd)Pd-113m	TALYS-6a	0 25
Cd-114(n,n'2p)Pd-112	TALYS-6a	0 [8] 25	Cd-115(n,5n)Cd-111g	TALYS-6a	0 16
Cd-114(n,n'pa)Rh-109	TALYS-6a	0 [8] 25	Cd-115(n,5n)Cd-111m	TALYS-6a	0 16
Cd-114(n,g)Cd-115g	JEF-2.2	4 [13,13,4,6,4] 9089	Cd-115(n,6n)Cd-110	TALYS-6a	0 12
Cd-114(n,g)Cd-115m	JEF-2.2	2 [13,13,4,6,4] 9089	Cd-115(n,2nt)Ag-111g	TALYS-6a	0 22
Cd-114(n,p)Ag-114g	TALYS-6a	0 [4,2,8] 61	Cd-115(n,2nt)Ag-111m	TALYS-6a	0 22
Cd-114(n,p)Ag-114m	TALYS-6a	0 [4,7,8,2,8] 60	Cd-115(n,4np)Ag-111g	TALYS-6a	0 15
Cd-114(n,d)Ag-113g	TALYS-6a	0 43	Cd-115(n,4np)Ag-111m	TALYS-6a	0 15
Cd-114(n,d)Ag-113m	TALYS-6a	0 43	Cd-115(n,3nd)Ag-111g	TALYS-6a	0 16
Cd-114(n,t)Ag-112	JEF-2.2	2 [13,3] 61	Cd-115(n,3nd)Ag-111m	TALYS-6a	0 16
Cd-114(n,h)Pd-112	TALYS-6a	0 [8] 33	Cd-115(n,n'da)Rh-109	TALYS-6a	0 [8] 20
Cd-114(n,a)Pd-111g	TALYS-5a	2 [3] 100	Cd-115(n,2npa)Rh-109	TALYS-6a	0 [8] 19
Cd-114(n,a)Pd-111m	TALYS-5a	2 [3] 100	Cd-115(n,7n)Cd-109	TALYS-6a	0 7
Cd-114(n,2p)Pd-113g	TALYS-6a	0 30	Cd-115(n,8n)Cd-108	TALYS-6a	0 4
Cd-114(n,2p)Pd-113m	TALYS-6a	0 30	Cd-115(n,5np)Ag-110g	TALYS-6a	0 11
Cd-114(n,pa)Rh-110g	TALYS-6a	0 [4,8] 29	Cd-115(n,5np)Ag-110m	TALYS-6a	0 11
Cd-114(n,pa)Rh-110m	TALYS-6a	0 [4,7,8,8] 28	Cd-115(n,6np)Ag-109g	TALYS-6a	0 8
Cd-114(n,pd)Pd-112	TALYS-6a	0 [8] 27	Cd-115(n,6np)Ag-109m	TALYS-6a	0 8
Cd-114(n,da)Rh-109	TALYS-6a	0 [8] 27	Cd-115(n,4na)Pd-108	TALYS-6a	0 [8] 18
Cd-114(n,5n)Cd-110	TALYS-6a	0 15	Cd-115(n,5na)Pd-107g	TALYS-6a	0 12
Cd-114(n,6n)Cd-109	TALYS-6a	0 10	Cd-115(n,5na)Pd-107m	TALYS-6a	0 12
Cd-114(n,2nt)Ag-110g	TALYS-6a	0 19	Cd-115(n,6na)Pd-106	TALYS-6a	0 [8] 9
Cd-114(n,2nt)Ag-110m	TALYS-6a	0 19	Cd-115(n,4nd)Ag-110g	TALYS-6a	0 12
Cd-114(n,4np)Ag-110g	TALYS-6a	0 14	Cd-115(n,4nd)Ag-110m	TALYS-6a	0 12
Cd-114(n,4np)Ag-110m	TALYS-6a	0 14	Cd-115(n,5nd)Ag-109g	TALYS-6a	0 8
Cd-114(n,3nd)Ag-110g	TALYS-6a	0 15	Cd-115(n,5nd)Ag-109m	TALYS-6a	0 8
Cd-114(n,3nd)Ag-110m	TALYS-6a	0 15	Cd-115(n,3nt)Ag-110g	TALYS-6a	0 15
Cd-114(n,n'da)Rh-108g	TALYS-6a	0 [4,8] 18	Cd-115(n,3nt)Ag-110m	TALYS-6a	0 15
Cd-114(n,n'da)Rh-108m	TALYS-6a	0 [4,7,8,8] 18	Cd-115(n,4nt)Ag-109g	TALYS-6a	0 11
Cd-114(n,2npa)Rh-108g	TALYS-6a	0 [4,8] 17	Cd-115(n,4nt)Ag-109m	TALYS-6a	0 11
Cd-114(n,2npa)Rh-108m	TALYS-6a	0 [4,7,8,8] 17	Cd-115(n,5nt)Ag-108g	TALYS-6a	0 7
Cd-114(n,7n)Cd-108	TALYS-6a	0 7	Cd-115(n,5nt)Ag-108m	TALYS-6a	0 6
Cd-114(n,5np)Ag-109g	TALYS-6a	0 11	Cd-115(n,2nh)Pd-111g	TALYS-6a	0 18
Cd-114(n,5np)Ag-109m	TALYS-6a	0 11	Cd-115(n,2nh)Pd-111m	TALYS-6a	0 18

Reaction	Library	Flag	Ref	Val	Reaction	Library	Flag	Ref	Val
Cd-115(n,3nh)Pd-110	TALYS-6a	0	[8]	14	Cd-115m(n,4n2a)Ru-104	TALYS-6a	0	[8]	11
Cd-115(n,4nh)Pd-109g	TALYS-6a	0		10	Cd-115m(n,4npa)Rh-107	TALYS-6a	0	[8]	10
Cd-115(n,4nh)Pd-109m	TALYS-6a	0		10	Cd-116(n,2nd)Ag-113g	TALYS-6a	0		22
Cd-115(n,3n2p)Pd-111g	TALYS-6a	0		13	Cd-116(n,2nd)Ag-113m	TALYS-6a	0		22
Cd-115(n,3n2p)Pd-111m	TALYS-6a	0		13	Cd-116(n,2n)Cd-115g	ADL-3	4	[13]	45
Cd-115(n,3n2a)Ru-105	TALYS-6a	0	[8]	14	Cd-116(n,2n)Cd-115m	ADL-3	2	[13]	45
Cd-115(n,3npa)Rh-108g	TALYS-6a	0	[4,8]	13	Cd-116(n,3n)Cd-114	TALYS-6a	0		32
Cd-115(n,3npa)Rh-108m	TALYS-6a	0	[4,7,8,8]	13	Cd-116(n,n'a)Pd-112	TALYS-6a	0	[8]	47
Cd-115(n,n'pd)Pd-112	TALYS-6a	0	[8]	20	Cd-116(n,2na)Pd-111g	TALYS-6a	0		30
Cd-115(n,n'pt)Pd-111g	TALYS-6a	0		18	Cd-116(n,2na)Pd-111m	TALYS-6a	0		30
Cd-115(n,n'pt)Pd-111m	TALYS-6a	0		18	Cd-116(n,3na)Pd-110	TALYS-6a	0	[8]	24
Cd-115(n,n'dt)Pd-110	TALYS-6a	0	[8]	15	Cd-116(n,n'p)Ag-115g	TALYS-6a	0		38
Cd-115(n,n'ta)Rh-108g	TALYS-6a	0	[4,8]	17	Cd-116(n,n'p)Ag-115m	TALYS-6a	0		38
Cd-115(n,n'ta)Rh-108m	TALYS-6a	0	[4,7,8,8]	17	Cd-116(n,n'2a)Ru-108	TALYS-6a	0	[8]	25
Cd-115(n,2n2p)Pd-112	TALYS-6a	0	[8]	18	Cd-116(n,2n2a)Ru-107	TALYS-6a	0	[8]	16
Cd-115(n,4n2p)Pd-110	TALYS-6a	0	[8]	10	Cd-116(n,n'd)Ag-114g	TALYS-6a	0	[4,8]	28
Cd-115(n,4n2a)Ru-104	TALYS-6a	0	[8]	11	Cd-116(n,n'd)Ag-114m	TALYS-6a	0	[4,7,8,8]	27
Cd-115(n,4npa)Rh-107	TALYS-6a	0	[8]	10	Cd-116(n,n't)Ag-113g	TALYS-6a	0		28
Cd-115m(n,n')Cd-115g	TALYS-6a	0	[8,8,8]	97	Cd-116(n,n't)Ag-113m	TALYS-6a	0		28
Cd-115m(n,2nd)Ag-112	TALYS-6a	0	[8]	23	Cd-116(n,n'h)Pd-113g	TALYS-6a	0		23
Cd-115m(n,2n)Cd-114	TALYS-6a	0		55	Cd-116(n,n'h)Pd-113m	TALYS-6a	0		23
Cd-115m(n,3n)Cd-113g	TALYS-6a	0		31	Cd-116(n,4n)Cd-113g	TALYS-6a	0		22
Cd-115m(n,3n)Cd-113m	TALYS-6a	0		31	Cd-116(n,4n)Cd-113m	TALYS-6a	0		22
Cd-115m(n,n'a)Pd-111g	TALYS-6a	0		49	Cd-116(n,2np)Ag-114g	TALYS-6a	0	[4]	27
Cd-115m(n,n'a)Pd-111m	TALYS-6a	0		49	Cd-116(n,2np)Ag-114m	TALYS-6a	0	[4,7,8]	26
Cd-115m(n,2na)Pd-110	TALYS-6a	0	[8]	35	Cd-116(n,3np)Ag-113g	TALYS-6a	0		21
Cd-115m(n,3na)Pd-109g	TALYS-6a	0		24	Cd-116(n,3np)Ag-113m	TALYS-6a	0		21
Cd-115m(n,3na)Pd-109m	TALYS-6a	0		24	Cd-116(n,n'2p)Pd-114	TALYS-6a	0	[8]	23
Cd-115m(n,n'p)Ag-114g	TALYS-6a	0	[4,8]	39	Cd-116(n,n'pa)Rh-111	TALYS-6a	0	[8]	23
Cd-115m(n,n'p)Ag-114m	TALYS-6a	0	[4,7,8,8]	38	Cd-116(n,g)Cd-117g	JEF-2.2	4	[13,13,4,6,4]	4265
Cd-115m(n,2a)Ru-107	TALYS-6a	0	[8]	26	Cd-116(n,g)Cd-117m	JEF-2.2	2	[13,13,4,6,4]	4265
Cd-115m(n,2n2a)Ru-106	TALYS-6a	0	[8]	21	Cd-116(n,p)Ag-116g	TALYS-6	4	[3]	55
Cd-115m(n,n'd)Ag-113g	TALYS-6a	0		31	Cd-116(n,p)Ag-116m	TALYS-6	2	[3]	55
Cd-115m(n,n'd)Ag-113m	TALYS-6a	0		31	Cd-116(n,d)Ag-115g	TALYS-6a	0		42
Cd-115m(n,n't)Ag-112	TALYS-6a	0	[8]	29	Cd-116(n,d)Ag-115m	TALYS-6a	0		41
Cd-115m(n,n'h)Pd-112	TALYS-6a	0	[8]	26	Cd-116(n,t)Ag-114g	TALYS-6a	0	[4,8]	37
Cd-115m(n,4n)Cd-112	TALYS-6a	0		25	Cd-116(n,t)Ag-114m	TALYS-6a	0	[4,7,8,8]	36
Cd-115m(n,2np)Ag-113g	TALYS-6a	0		29	Cd-116(n,h)Pd-114	TALYS-6a	0	[8]	31
Cd-115m(n,2np)Ag-113m	TALYS-6a	0		29	Cd-116(n,a)Pd-113g	TALYS-6a	0	[2]	100
Cd-115m(n,3np)Ag-112	TALYS-6a	0	[8]	21	Cd-116(n,a)Pd-113m	TALYS-6a	0	[2]	100
Cd-115m(n,n'2p)Pd-113g	TALYS-6a	0		24	+Cd-116(n,2p)Pd-115g	TALYS-6a	0		28
Cd-115m(n,n'2p)Pd-113m	TALYS-6a	0		24	+Cd-116(n,2p)Pd-115m	TALYS-6a	0		28
Cd-115m(n,n'pa)Rh-110g	TALYS-6a	0	[4,8]	24	+Cd-116(n,pd)Pd-114	TALYS-6a	0	[8]	25
Cd-115m(n,n'pa)Rh-110m	TALYS-6a	0	[4,7,8,8]	23	Cd-116(n,5n)Cd-112	TALYS-6a	0		16
Cd-115m(n,g)Cd-116	TALYS-6	2		100	Cd-116(n,6n)Cd-111g	TALYS-6a	0		11
Cd-115m(n,p)Ag-115g	TALYS-6a	0	[2]	71	Cd-116(n,6n)Cd-111m	TALYS-6a	0		11
Cd-115m(n,p)Ag-115m	TALYS-6a	0	[2]	71	Cd-116(n,2nt)Ag-112	TALYS-6a	0	[8]	20
Cd-115m(n,d)Ag-114g	TALYS-6a	0	[4,8]	43	Cd-116(n,4np)Ag-112	TALYS-6a	0	[8]	14
Cd-115m(n,d)Ag-114m	TALYS-6a	0	[4,7,8,8]	42	Cd-116(n,3nd)Ag-112	TALYS-6a	0	[8]	15
Cd-115m(n,t)Ag-113g	TALYS-6a	0		43	Cd-116(n,n'da)Rh-110g	TALYS-6a	0	[4,8]	17
Cd-115m(n,t)Ag-113m	TALYS-6a	0		43	Cd-116(n,n'da)Rh-110m	TALYS-6a	0	[4,7,8,8]	16
Cd-115m(n,h)Pd-113g	TALYS-6a	0		31	Cd-116(n,2npa)Rh-110g	TALYS-6a	0	[4,8]	16
Cd-115m(n,h)Pd-113m	TALYS-6a	0		31	Cd-116(n,2npa)Rh-110m	TALYS-6a	0	[4,7,8,8]	15
Cd-115m(n,a)Pd-112	TALYS-6a	0	[2]	100	Cd-116(n,7n)Cd-110	TALYS-6a	0		8
Cd-115m(n,2p)Pd-114	TALYS-6a	0	[8]	33	Cd-116(n,8n)Cd-109	TALYS-6a	0		3
Cd-115m(n,pa)Rh-111	TALYS-6a	0	[8]	34	Cd-116(n,5np)Ag-111g	TALYS-6a	0		11
Cd-115m(n,pd)Pd-113g	TALYS-6a	0		26	Cd-116(n,5np)Ag-111m	TALYS-6a	0		11
Cd-115m(n,pd)Pd-113m	TALYS-6a	0		26	Cd-116(n,6np)Ag-110g	TALYS-6a	0		7
Cd-115m(n,da)Rh-110g	TALYS-6a	0	[4,8]	24	Cd-116(n,6np)Ag-110m	TALYS-6a	0		7
Cd-115m(n,da)Rh-110m	TALYS-6a	0	[4,7,8,8]	23	Cd-116(n,4na)Pd-109g	TALYS-6a	0		16
Cd-115m(n,5n)Cd-111g	TALYS-6a	0		16	Cd-116(n,4na)Pd-109m	TALYS-6a	0		16
Cd-115m(n,5n)Cd-111m	TALYS-6a	0		16	Cd-116(n,5na)Pd-108	TALYS-6a	0	[8]	12
Cd-115m(n,6n)Cd-110	TALYS-6a	0		12	Cd-116(n,6na)Pd-107g	TALYS-6a	0		8
Cd-115m(n,2nt)Ag-111g	TALYS-6a	0		22	Cd-116(n,6na)Pd-107m	TALYS-6a	0		8
Cd-115m(n,2nt)Ag-111m	TALYS-6a	0		22	Cd-116(n,4nd)Ag-111g	TALYS-6a	0		12
Cd-115m(n,4np)Ag-111g	TALYS-6a	0		15	Cd-116(n,4nd)Ag-111m	TALYS-6a	0		12
Cd-115m(n,4np)Ag-111m	TALYS-6a	0		15	Cd-116(n,5nd)Ag-110g	TALYS-6a	0		8
Cd-115m(n,3nd)Ag-111g	TALYS-6a	0		16	Cd-116(n,5nd)Ag-110m	TALYS-6a	0		8
Cd-115m(n,3nd)Ag-111m	TALYS-6a	0		16	Cd-116(n,3nt)Ag-111g	TALYS-6a	0		15
Cd-115m(n,n'da)Rh-109	TALYS-6a	0	[8]	21	Cd-116(n,3nt)Ag-111m	TALYS-6a	0		15
Cd-115m(n,2npa)Rh-109	TALYS-6a	0	[8]	19	Cd-116(n,4nt)Ag-110g	TALYS-6a	0		10
Cd-115m(n,7n)Cd-109	TALYS-6a	0		7	Cd-116(n,4nt)Ag-110m	TALYS-6a	0		10
Cd-115m(n,8n)Cd-108	TALYS-6a	0		4	Cd-116(n,5nt)Ag-109g	TALYS-6a	0		7
Cd-115m(n,5np)Ag-110g	TALYS-6a	0		11	Cd-116(n,5nt)Ag-109m	TALYS-6a	0		7
Cd-115m(n,5np)Ag-110m	TALYS-6a	0		11	Cd-116(n,2nh)Pd-112	TALYS-6a	0	[8]	17
Cd-115m(n,6np)Ag-109g	TALYS-6a	0		8	Cd-116(n,3nh)Pd-111g	TALYS-6a	0		13
Cd-115m(n,6np)Ag-109m	TALYS-6a	0		8	Cd-116(n,3nh)Pd-111m	TALYS-6a	0		13
Cd-115m(n,4na)Pd-108	TALYS-6a	0	[8]	18	Cd-116(n,4nh)Pd-110	TALYS-6a	0	[8]	10
Cd-115m(n,5na)Pd-107g	TALYS-6a	0		12	Cd-116(n,3n2p)Pd-112	TALYS-6a	0	[8]	13
Cd-115m(n,5na)Pd-107m	TALYS-6a	0		12	Cd-116(n,3n2a)Ru-106	TALYS-6a	0	[8]	14
Cd-115m(n,6na)Pd-106	TALYS-6a	0	[8]	9	Cd-116(n,3npa)Rh-109	TALYS-6a	0	[8]	13
Cd-115m(n,4nd)Ag-110g	TALYS-6a	0		12	Cd-116(n,n'pd)Pd-113g	TALYS-6a	0		17
Cd-115m(n,4nd)Ag-110m	TALYS-6a	0		12	Cd-116(n,n'pd)Pd-113m	TALYS-6a	0		17
Cd-115m(n,5nd)Ag-109g	TALYS-6a	0		8	Cd-116(n,n'pt)Pd-112	TALYS-6a	0	[8]	17
Cd-115m(n,5nd)Ag-109m	TALYS-6a	0		9	Cd-116(n,n'dt)Pd-111g	TALYS-6a	0		13
Cd-115m(n,3nt)Ag-110g	TALYS-6a	0		15	Cd-116(n,n'dt)Pd-111m	TALYS-6a	0		13
Cd-115m(n,3nt)Ag-110m	TALYS-6a	0		15	Cd-116(n,n'ta)Rh-109	TALYS-6a	0	[8]	18
Cd-115m(n,4nt)Ag-109g	TALYS-6a	0		11	Cd-116(n,2n2p)Pd-113g	TALYS-6a	0		16
Cd-115m(n,4nt)Ag-109m	TALYS-6a	0		11	Cd-116(n,2n2p)Pd-113m	TALYS-6a	0		16
Cd-115m(n,5nt)Ag-108g	TALYS-6a	0		7	Cd-116(n,4n2p)Pd-111g	TALYS-6a	0		9
Cd-115m(n,5nt)Ag-108m	TALYS-6a	0		7	Cd-116(n,4n2p)Pd-111m	TALYS-6a	0		9
Cd-115m(n,2nh)Pd-111g	TALYS-6a	0		18	Cd-116(n,4n2a)Ru-105	TALYS-6a	0	[8]	9
Cd-115m(n,2nh)Pd-111m	TALYS-6a	0		18	Cd-116(n,4npa)Rh-108g	TALYS-6a	0	[4,8]	9
Cd-115m(n,3nh)Pd-110	TALYS-6a	0	[8]	14	Cd-116(n,4npa)Rh-108m	TALYS-6a	0	[4,7,8,8]	9
Cd-115m(n,4nh)Pd-109g	TALYS-6a	0		10	In-111(n,n')In-111m	TALYS-6a	0		85
Cd-115m(n,4nh)Pd-109m	TALYS-6a	0		10	In-111(n,2nd)Cd-108	TALYS-6a	0	[8]	25
Cd-115m(n,3n2p)Pd-111g	TALYS-6a	0		13	In-111(n,2n)In-110g	TALYS-6a	0		41
Cd-115m(n,3n2p)Pd-111m	TALYS-6a	0		13	In-111(n,2n)In-110m	TALYS-6a	0		41
Cd-115m(n,3n2a)Ru-105	TALYS-6a	0	[8]	14	In-111(n,3n)In-109g	TALYS-6a	0	[4]	28
Cd-115m(n,3npa)Rh-108g	TALYS-6a	0	[4,8]	13	In-111(n,3n)In-109m	TALYS-6a	0	[4,7,8]	28
Cd-115m(n,3npa)Rh-108m	TALYS-6a	0	[4,7,8,8]	13	In-111(n,3n)In-109n	TALYS-6a	0	[4,7,8]	25
Cd-115m(n,n'pd)Pd-112	TALYS-6a	0	[8]	20	In-111(n,n'a)Ag-107g	TALYS-6a	0		58
Cd-115m(n,n'pt)Pd-111g	TALYS-6a	0		18	In-111(n,n'a)Ag-107m	TALYS-6a	0		58
Cd-115m(n,n'pt)Pd-111m	TALYS-6a	0		18	In-111(n,n'3a)Tc-99g	TALYS-6a	0		18
Cd-115m(n,n'dt)Pd-110	TALYS-6a	0		15	In-111(n,n'3a)Tc-99m	TALYS-6a	0		17
Cd-115m(n,n'ta)Rh-108g	TALYS-6a	0	[4,8]	17	In-111(n,2na)Ag-106g	TALYS-6a	0		31
Cd-115m(n,n'ta)Rh-108m	TALYS-6a	0	[4,7,8,8]	17	In-111(n,2na)Ag-106m	TALYS-6a	0		31
Cd-115m(n,2n2p)Pd-112	TALYS-6a	0	[8]	19	In-111(n,3na)Ag-105g	TALYS-6a	0		23
Cd-115m(n,4n2p)Pd-110	TALYS-6a	0	[8]	11	In-111(n,3na)Ag-105m	TALYS-6a	0		23

Reaction	Library	Flag	Ref	Value
In-111(n,n'p)Cd-110	TALYS-6a	0 [8]		56
In-111(n,n'2a)Rh-103g	TALYS-6a	0		32
In-111(n,n'2a)Rh-103m	TALYS-6a	0		32
In-111(n,2n2a)Rh-102g	TALYS-6a	0		22
In-111(n,2n2a)Rh-102m	TALYS-6a	0		22
In-111(n,n'd)Cd-109	TALYS-6a	0 [8]		33
In-111(n,n't)Cd-108	TALYS-6a	0 [8]		31
In-111(n,n'h)Ag-108g	TALYS-6a	0		27
In-111(n,n'h)Ag-108m	TALYS-6a	0		27
In-111(n,n'd2a)Ru-101	TALYS-6a	0 [8]		14
In-111(n,n't2a)Ru-100	TALYS-6a	0 [8]		14
In-111(n,4n)In-108g	TALYS-6a	0		18
In-111(n,4n)In-108m	TALYS-6a	0		18
In-111(n,2np)Cd-109	TALYS-6a	0		31
In-111(n,3np)Cd-108	TALYS-6a	0 [8]		23
In-111(n,n'2p)Ag-109g	TALYS-6a	0		29
In-111(n,n'2p)Ag-109m	TALYS-6a	0		29
In-111(n,n'pa)Pd-106	TALYS-6a	0 [8]		34
In-111(n,g)In-112g	MASGAM	0 [14,13,4,6]		83
In-111(n,g)In-112m	MASGAM	0 [14,13,4,6]		83
In-111(n,p)Cd-111g	TALYS-6a	0 [2]		100
In-111(n,p)Cd-111m	TALYS-6a	0 [2]		100
In-111(n,d)Cd-110	TALYS-6a	0 [8]		65
In-111(n,t)Cd-109	TALYS-6a	0 [8]		45
In-111(n,h)Ag-109g	TALYS-6a	0		41
In-111(n,h)Ag-109m	TALYS-6a	0		41
In-111(n,a)Ag-108g	TALYS-6a	0 [2]		100
In-111(n,a)Ag-108m	TALYS-6a	0 [2]		100
In-111(n,2a)Rh-104g	TALYS-6a	0		100
In-111(n,2a)Rh-104m	TALYS-6a	0		100
In-111(n,2p)Ag-110g	TALYS-6a	0		41
In-111(n,2p)Ag-110m	TALYS-6a	0		41
In-111(n,pa)Pd-107g	TALYS-6a	0		50
In-111(n,pa)Pd-107m	TALYS-6a	0		49
In-111(n,pd)Ag-109g	TALYS-6a	0		31
In-111(n,pd)Ag-109m	TALYS-6a	0		31
In-111(n,pt)Ag-108g	TALYS-6a	0		27
In-111(n,pt)Ag-108m	TALYS-6a	0		28
In-111(n,da)Pd-106	TALYS-6a	0 [8]		36
In-111(n,5n)In-107g	TALYS-6a	0		13
In-111(n,5n)In-107m	TALYS-6a	0		12
In-111(n,6n)In-106g	TALYS-6a	0		7
In-111(n,6n)In-106m	TALYS-6a	0		7
In-111(n,2nt)Cd-107	TALYS-6a	0 [8]		20
In-111(n,ta)Pd-105	TALYS-6a	0 [8]		30
In-111(n,4np)Cd-107	TALYS-6a	0		15
In-111(n,3nd)Cd-107	TALYS-6a	0		16
In-111(n,n'da)Pd-105	TALYS-6a	0 [8]		24
In-111(n,2npa)Pd-105	TALYS-6a	0 [8]		23
In-111(n,5np)Cd-106	TALYS-6a	0		11
In-111(n,6np)Cd-105	TALYS-6a	0		5
In-111(n,4na)Ag-104g	TALYS-6a	0		15
In-111(n,4na)Ag-104m	TALYS-6a	0		15
In-111(n,5na)Ag-103g	TALYS-6a	0		10
In-111(n,5na)Ag-103m	TALYS-6a	0		10
In-111(n,4nd)Cd-106	TALYS-6a	0 [8]		11
In-111(n,5nd)Cd-105	TALYS-6a	0 [8]		6
In-111(n,3nt)Cd-106	TALYS-6a	0 [8]		14
In-111(n,4nt)Cd-105	TALYS-6a	0 [8]		9
In-111(n,2nh)Ag-107g	TALYS-6a	0		20
In-111(n,2nh)Ag-107m	TALYS-6a	0		20
In-111(n,3nh)Ag-106g	TALYS-6a	0		13
In-111(n,3nh)Ag-106m	TALYS-6a	0		13
In-111(n,4nh)Ag-105g	TALYS-6a	0		9
In-111(n,4nh)Ag-105m	TALYS-6a	0		10
In-111(n,3n2p)Ag-107g	TALYS-6a	0		15
In-111(n,3n2p)Ag-107m	TALYS-6a	0		15
In-111(n,3n2a)Rh-101g	TALYS-6a	0		15
In-111(n,3n2a)Rh-101m	TALYS-6a	0		15
In-111(n,3npa)Pd-104	TALYS-6a	0 [8]		16
In-111(n,dt)Ag-107g	TALYS-6a	0		21
In-111(n,dt)Ag-107m	TALYS-6a	0		21
In-111(n,n'pd)Ag-108g	TALYS-6a	0		21
In-111(n,n'pd)Ag-108m	TALYS-6a	0		21
In-111(n,n'pt)Ag-107g	TALYS-6a	0		20
In-111(n,n'pt)Ag-107m	TALYS-6a	0		20
In-111(n,n'dt)Ag-106g	TALYS-6a	0		14
In-111(n,n'dt)Ag-106m	TALYS-6a	0		14
In-111(n,n'ph)Pd-107g	TALYS-6a	0		17
In-111(n,n'ph)Pd-107m	TALYS-6a	0		17
In-111(n,n'dh)Pd-106	TALYS-6a	0 [8]		14
In-111(n,n'ta)Pd-104	TALYS-6a	0 [8]		23
In-111(n,2n2p)Ag-108g	TALYS-6a	0		20
In-111(n,2n2p)Ag-108m	TALYS-6a	0		20
In-111(n,ph)Pd-108	TALYS-6a	0 [8]		27
In-111(n,ha)Rh-105g	TALYS-6a	0		26
In-111(n,ha)Rh-105m	TALYS-6a	0		25
In-111(n,4n2p)Ag-106g	TALYS-6a	0		10
In-111(n,4n2p)Ag-106m	TALYS-6a	0		10
In-111(n,4n2a)Rh-100g	TALYS-6a	0 [4,8]		10
In-111(n,4n2a)Rh-100m	TALYS-6a	0 [4,7,8,8]		9
In-111(n,4npa)Pd-103	TALYS-6a	0 [8]		11
In-111(n,3p)Pd-109g	TALYS-6a	0		25
In-111(n,3p)Pd-109m	TALYS-6a	0		25
In-111(n,n'3p)Pd-108	TALYS-6a	0 [8]		19
In-111(n,3n2pa)Rh-103g	TALYS-6a	0		9
In-111(n,3n2pa)Rh-103m	TALYS-6a	0		9
In-111(n,5n2p)Ag-105g	TALYS-6a	0		6
In-111(n,5n2p)Ag-105m	TALYS-6a	0		6
In-113(n,n')In-113m	ADL-3	4 [13,4,12]		50
In-113(n,2nd)Cd-110	TALYS-6a	0 [8]		25
In-113(n,2n)In-112g	EFF-2.4	5 [13,4,3]		40
In-113(n,2n)In-112m	EFF-2.4	5 [13,4,7,8,3]		39
In-113(n,3n)In-111g	TALYS-6a	0		29
In-113(n,3n)In-111m	TALYS-6a	0		29
In-113(n,n'a)Ag-109g	TALYS-6a	0		55
In-113(n,n'a)Ag-109m	TALYS-6a	0		54
In-113(n,2na)Ag-108g	TALYS-6a	0		31
In-113(n,2na)Ag-108m	TALYS-6a	0		31
In-113(n,3na)Ag-107g	TALYS-6a	0		24
In-113(n,3na)Ag-107m	TALYS-6a	0		23
In-113(n,n'p)Cd-112	TALYS-6a	0 [8]		52
In-113(n,n'2a)Rh-105g	TALYS-6a	0		30
In-113(n,n'2a)Rh-105m	TALYS-6a	0		30
In-113(n,2n2a)Rh-104g	TALYS-6a	0		20
In-113(n,2n2a)Rh-104m	TALYS-6a	0		20
In-113(n,n'd)Cd-111g	TALYS-6a	0		32
In-113(n,n'd)Cd-111m	TALYS-6a	0		32
In-113(n,n't)Cd-110	TALYS-6a	0 [8]		31
In-113(n,n'h)Ag-110g	TALYS-6a	0		26
In-113(n,n'h)Ag-110m	TALYS-6a	0		26
In-113(n,4n)In-110g	TALYS-6a	0		19
In-113(n,4n)In-110m	TALYS-6a	0		19
In-113(n,2np)Cd-111g	TALYS-6a	0		30
In-113(n,2np)Cd-111m	TALYS-6a	0		30
In-113(n,3np)Cd-110	TALYS-6a	0 [8]		23
In-113(n,n'2p)Ag-111g	TALYS-6a	0		27
In-113(n,n'2p)Ag-111m	TALYS-6a	0		28
In-113(n,n'pa)Pd-108	TALYS-6a	0 [8]		31
In-113(n,g)In-114g	JEF-2.2	3 [13,4,6]		5404
In-113(n,g)In-114m	JEF-2.2	4 [13,4,6]		5404
In-113(n,p)Cd-113g	TALYS-6a	0 [2]		100
In-113(n,p)Cd-113m	TALYS-6a	0 [2]		100
In-113(n,d)Cd-112	TALYS-6a	0 [8]		61
In-113(n,t)Cd-111g	TALYS-6a	0		45
In-113(n,t)Cd-111m	TALYS-6a	0		44
In-113(n,h)Ag-111g	TALYS-6a	0		37
In-113(n,h)Ag-111m	TALYS-6a	0		38
In-113(n,a)Ag-110g	TALYS-6a	0 [9,2,3]		5315
In-113(n,a)Ag-110m	TALYS-6a	0 [9,2,3]		5315
In-113(n,2a)Rh-106g	TALYS-6a	0		100
In-113(n,2a)Rh-106m	TALYS-6a	0		100
In-113(n,2p)Ag-112	TALYS-6a	0 [8]		37
In-113(n,pa)Pd-109g	TALYS-6a	0		43
In-113(n,pa)Pd-109m	TALYS-6a	0		43
In-113(n,pd)Ag-111g	TALYS-6a	0		29
In-113(n,pd)Ag-111m	TALYS-6a	0		29
In-113(n,pt)Ag-110g	TALYS-6a	0		26
In-113(n,pt)Ag-110m	TALYS-6a	0		26
In-113(n,da)Pd-108	TALYS-6a	0 [8]		33
In-113(n,5n)In-109g	TALYS-6a	0 [4]		14
In-113(n,5n)In-109m	TALYS-6a	0 [4,7,8]		13
In-113(n,5n)In-109n	TALYS-6a	0 [4,7,8]		12
In-113(n,6n)In-108g	TALYS-6a	0		8
In-113(n,6n)In-108m	TALYS-6a	0		8
In-113(n,2nt)Cd-109	TALYS-6a	0 [8]		21
In-113(n,ta)Pd-107g	TALYS-6a	0		29
In-113(n,ta)Pd-107m	TALYS-6a	0		29
In-113(n,4np)Cd-109	TALYS-6a	0		15
In-113(n,3nd)Cd-109	TALYS-6a	0		16
In-113(n,n'da)Pd-107g	TALYS-6a	0		23
In-113(n,n'da)Pd-107m	TALYS-6a	0		23
In-113(n,2npa)Pd-107g	TALYS-6a	0		21
In-113(n,2npa)Pd-107m	TALYS-6a	0		21
In-113(n,7n)In-107g	TALYS-6a	0		4
In-113(n,7n)In-107m	TALYS-6a	0		4
In-113(n,5np)Cd-108	TALYS-6a	0		11
In-113(n,6np)Cd-107	TALYS-6a	0		6
In-113(n,4na)Ag-106g	TALYS-6a	0		15
In-113(n,4na)Ag-106m	TALYS-6a	0		15
In-113(n,5na)Ag-105g	TALYS-6a	0		11
In-113(n,5na)Ag-105m	TALYS-6a	0		11
In-113(n,6na)Ag-104g	TALYS-6a	0		6
In-113(n,6na)Ag-104m	TALYS-6a	0		6
In-113(n,4nd)Cd-108	TALYS-6a	0 [8]		12
In-113(n,5nd)Cd-107	TALYS-6a	0		7
In-113(n,3nt)Cd-108	TALYS-6a	0 [8]		15
In-113(n,4nt)Cd-107	TALYS-6a	0 [8]		10
In-113(n,5nt)Cd-106	TALYS-6a	0 [8]		6
In-113(n,2nh)Ag-109g	TALYS-6a	0		19
In-113(n,2nh)Ag-109m	TALYS-6a	0		19
In-113(n,3nh)Ag-108g	TALYS-6a	0		13
In-113(n,3nh)Ag-108m	TALYS-6a	0		13
In-113(n,4nh)Ag-107g	TALYS-6a	0		10
In-113(n,4nh)Ag-107m	TALYS-6a	0		10
In-113(n,3n2p)Ag-109g	TALYS-6a	0		14
In-113(n,3n2p)Ag-109m	TALYS-6a	0		14
In-113(n,3n2a)Rh-103g	TALYS-6a	0		15
In-113(n,3n2a)Rh-103m	TALYS-6a	0		15
In-113(n,3npa)Pd-106	TALYS-6a	0 [8]		16
In-113(n,dt)Ag-109g	TALYS-6a	0		20
In-113(n,dt)Ag-109m	TALYS-6a	0		20
In-113(n,n'pd)Ag-110g	TALYS-6a	0		20
In-113(n,n'pd)Ag-110m	TALYS-6a	0		20
In-113(n,n'pt)Ag-109g	TALYS-6a	0		19
In-113(n,n'pt)Ag-109m	TALYS-6a	0		19
In-113(n,n'dt)Ag-108g	TALYS-6a	0		14
In-113(n,n'dt)Ag-108m	TALYS-6a	0		14
In-113(n,n'ph)Pd-109g	TALYS-6a	0		16
In-113(n,n'ph)Pd-109m	TALYS-6a	0		16
In-113(n,n'dh)Pd-108	TALYS-6a	0 [8]		13
In-113(n,n'ta)Pd-106	TALYS-6a	0 [8]		22
In-113(n,2n2p)Ag-110g	TALYS-6a	0		19
In-113(n,2n2p)Ag-110m	TALYS-6a	0		19
In-113(n,4n2p)Ag-108g	TALYS-6a	0		10
In-113(n,4n2p)Ag-108m	TALYS-6a	0		10
In-113(n,4n2a)Rh-102g	TALYS-6a	0		10
In-113(n,4n2a)Rh-102m	TALYS-6a	0		10
In-113(n,4npa)Pd-105	TALYS-6a	0 [8]		11
In-113(n,n'3p)Pd-110	TALYS-6a	0 [8]		16
In-113(n,5n2p)Ag-107g	TALYS-6a	0		6
In-113(n,5n2p)Ag-107m	TALYS-6a	0		6
In-114m(n,n')In-114g	TALYS-6a	0 [8]		97
In-114m(n,2nd)Cd-111g	TALYS-6a	0		25
In-114m(n,2nd)Cd-111m	TALYS-6a	0		25
In-114m(n,2n)In-113g	TALYS-6a	0		50
In-114m(n,2n)In-113m	TALYS-6a	0		48
In-114m(n,3n)In-112g	TALYS-6a	0		30

Reaction	Library	Flag	Refs	Value
In-114m(n,3n)In-112m	TALYS-6a	0		30
In-114m(n,n'a)Ag-110g	TALYS-6a	0		53
In-114m(n,n'a)Ag-110m	TALYS-6a	0		53
In-114m(n,2na)Ag-109g	TALYS-6a	0		35
In-114m(n,2na)Ag-109m	TALYS-6a	0		35
In-114m(n,3na)Ag-108g	TALYS-6a	0		24
In-114m(n,3na)Ag-108m	TALYS-6a	0		24
In-114m(n,n'p)Cd-113g	TALYS-6a	0		49
In-114m(n,n'p)Cd-113m	TALYS-6a	0		47
In-114m(n,n'2a)Rh-106g	TALYS-6a	0		28
In-114m(n,n'2a)Rh-106m	TALYS-6a	0		29
In-114m(n,2n2a)Rh-105g	TALYS-6a	0		23
In-114m(n,2n2a)Rh-105m	TALYS-6a	0		22
In-114m(n,n'd)Cd-112	TALYS-6a	0	[8]	37
In-114m(n,n't)Cd-111g	TALYS-6a	0		31
In-114m(n,n't)Cd-111m	TALYS-6a	0		30
In-114m(n,n'h)Ag-111g	TALYS-6a	0		27
In-114m(n,n'h)Ag-111m	TALYS-6a	0		27
In-114m(n,4n)In-111g	TALYS-6a	0		22
In-114m(n,4n)In-111m	TALYS-6a	0		22
In-114m(n,2np)Cd-112	TALYS-6a	0	[8]	34
In-114m(n,3np)Cd-111g	TALYS-6a	0		23
In-114m(n,3np)Cd-111m	TALYS-6a	0		23
In-114m(n,n'2p)Ag-112	TALYS-6a	0	[8]	27
In-114m(n,n'pa)Pd-109g	TALYS-6a	0		30
In-114m(n,n'pa)Pd-109m	TALYS-6a	0		30
In-114m(n,g)In-115g	MASGAM	0	[14,13,4,6,3]	83
In-114m(n,g)In-115m	MASGAM	0	[14,13,4,6,3]	83
In-114m(n,p)Cd-114	TALYS-6a	0	[2]	100
In-114m(n,d)Cd-113g	TALYS-6a	0		58
In-114m(n,d)Cd-113m	TALYS-6a	0		57
In-114m(n,t)Cd-112	TALYS-6a	0	[8]	55
In-114m(n,h)Ag-112	TALYS-6a	0	[8]	36
In-114m(n,a)Ag-111g	TALYS-6a	0	[2]	100
In-114m(n,a)Ag-111m	TALYS-6a	0	[2]	100
In-114m(n,2a)Rh-107	TALYS-6a	0		100
In-114m(n,2p)Ag-113g	TALYS-6a	0		39
In-114m(n,2p)Ag-113m	TALYS-6a	0		39
In-114m(n,pa)Pd-110	TALYS-6a	0	[8]	49
In-114m(n,pd)Ag-112	TALYS-6a	0	[8]	28
In-114m(n,pt)Ag-111g	TALYS-6a	0		28
In-114m(n,pt)Ag-111m	TALYS-6a	0		28
In-114m(n,da)Pd-109g	TALYS-6a	0		31
In-114m(n,da)Pd-109m	TALYS-6a	0		31
In-114m(n,5n)In-110g	TALYS-6a	0		14
In-114m(n,5n)In-110m	TALYS-6a	0		14
In-114m(n,6n)In-109g	TALYS-6a	0	[4]	10
In-114m(n,6n)In-109m	TALYS-6a	0	[4,7,8]	10
In-114m(n,6n)In-109n	TALYS-6a	0	[4,7,8]	8
In-114m(n,2nt)Cd-110	TALYS-6a	0	[8]	24
In-114m(n,ta)Pd-108	TALYS-6a	0	[8]	31
In-114m(n,4np)Cd-110	TALYS-6a	0	[8]	16
In-114m(n,3nd)Cd-110	TALYS-6a	0	[8]	18
In-114m(n,n'da)Pd-108	TALYS-6a	0	[8]	25
In-114m(n,2npa)Pd-108	TALYS-6a	0	[8]	24
In-114m(n,7n)In-108g	TALYS-6a	0		5
In-114m(n,7n)In-108m	TALYS-6a	0		5
In-114m(n,5np)Cd-109	TALYS-6a	0	[8]	11
In-114m(n,6np)Cd-108	TALYS-6a	0		8
In-114m(n,4na)Ag-107g	TALYS-6a	0		16
In-114m(n,4na)Ag-107m	TALYS-6a	0		16
In-114m(n,5na)Ag-106g	TALYS-6a	0		11
In-114m(n,5na)Ag-106m	TALYS-6a	0		11
In-114m(n,6na)Ag-105g	TALYS-6a	0		7
In-114m(n,6na)Ag-105m	TALYS-6a	0		7
In-114m(n,4nd)Cd-109	TALYS-6a	0	[8]	12
In-114m(n,5nd)Cd-108	TALYS-6a	0		9
In-114m(n,3nt)Cd-109	TALYS-6a	0	[8]	15
In-114m(n,4nt)Cd-108	TALYS-6a	0	[8]	11
In-114m(n,5nt)Cd-107	TALYS-6a	0	[8]	6
In-114m(n,2nh)Ag-110g	TALYS-6a	0		19
In-114m(n,2nh)Ag-110m	TALYS-6a	0		19
In-114m(n,3nh)Ag-109g	TALYS-6a	0		14
In-114m(n,3nh)Ag-109m	TALYS-6a	0		14
In-114m(n,4nh)Ag-108g	TALYS-6a	0		10
In-114m(n,4nh)Ag-108m	TALYS-6a	0		10
In-114m(n,3n2p)Ag-110g	TALYS-6a	0		14
In-114m(n,3n2p)Ag-110m	TALYS-6a	0		14
In-114m(n,3n2a)Rh-104g	TALYS-6a	0		14
In-114m(n,3n2a)Rh-104m	TALYS-6a	0		15
In-114m(n,3npa)Pd-107g	TALYS-6a	0		15
In-114m(n,3npa)Pd-107m	TALYS-6a	0		15
In-114m(n,n'pd)Ag-111g	TALYS-6a	0		22
In-114m(n,n'pd)Ag-111m	TALYS-6a	0		22
In-114m(n,n'pt)Ag-110g	TALYS-6a	0		19
In-114m(n,n'pt)Ag-110m	TALYS-6a	0		19
In-114m(n,n'dt)Ag-109g	TALYS-6a	0		15
In-114m(n,n'dt)Ag-109m	TALYS-6a	0		15
In-114m(n,n'ph)Pd-110	TALYS-6a	0	[8]	16
In-114m(n,n'ta)Pd-107g	TALYS-6a	0		22
In-114m(n,n'ta)Pd-107m	TALYS-6a	0		21
In-114m(n,2n2p)Ag-111g	TALYS-6a	0		20
In-114m(n,2n2p)Ag-111m	TALYS-6a	0		20
In-114m(n,4n2p)Ag-109g	TALYS-6a	0		10
In-114m(n,4n2p)Ag-109m	TALYS-6a	0		11
In-114m(n,4n2a)Rh-103g	TALYS-6a	0		11
In-114m(n,4n2a)Rh-103m	TALYS-6a	0		11
In-114m(n,4npa)Pd-106	TALYS-6a	0	[8]	12
In-114m(n,5n2p)Ag-108g	TALYS-6a	0		6
In-114m(n,5n2p)Ag-108m	TALYS-6a	0		6
In-115(n,n')In-115m	IRDF-90.2	4	[13,15]	239
In-115(n,2nd)Cd-112	TALYS-6a	0	[8]	25
In-115(n,2n)In-114g	IRDF-90.2	5	[13,4,3,7,8,15]	133
In-115(n,2n)In-114m	IRDF-90.2	4	[13,4,7,8,3,15]	132
In-115(n,3n)In-113g	TALYS-6a	0		30
In-115(n,3n)In-113m	TALYS-6a	0		30
>In-115(n,n'a)Ag-111g	TALYS-5a	2		51
>In-115(n,n'a)Ag-111m	TALYS-5a	0		51
In-115(n,2na)Ag-110g	TALYS-6a	0		31
In-115(n,2na)Ag-110m	TALYS-6a	0		31
In-115(n,3na)Ag-109g	TALYS-6a	0		24
In-115(n,3na)Ag-109m	TALYS-6a	0		24
In-115(n,n'p)Cd-114	TALYS-6a	0	[8]	48
In-115(n,n'2a)Rh-107	TALYS-6a	0	[8]	29
In-115(n,2n2a)Rh-106g	TALYS-6a	0		18
In-115(n,2n2a)Rh-106m	TALYS-6a	0		19
In-115(n,n'd)Cd-113g	TALYS-6a	0		32
In-115(n,n'd)Cd-113m	TALYS-6a	0		31
In-115(n,n't)Cd-112	TALYS-6a	0	[8]	31
In-115(n,n'h)Ag-112	TALYS-6a	0	[8]	25
In-115(n,4n)In-112g	TALYS-6a	0		21
In-115(n,4n)In-112m	TALYS-6a	0		20
In-115(n,2np)Cd-113g	TALYS-6a	0		30
In-115(n,2np)Cd-113m	TALYS-6a	0		30
In-115(n,3np)Cd-112	TALYS-6a	0	[8]	23
In-115(n,n'2p)Ag-113g	TALYS-6a	0		26
In-115(n,n'2p)Ag-113m	TALYS-6a	0		26
In-115(n,n'pa)Pd-110	TALYS-6a	0	[8]	29
In-115(n,g)In-116g	TALYS-5a	2	[9,3]	22412
In-115(n,g)In-116m	TALYS-5a	5	[9,3]	22459
In-115(n,g)In-116n	TALYS-5a	2	[9,3]	22459
In-115(n,p)Cd-115g	EFF-2.4	4	[13,4,3]	543
In-115(n,p)Cd-115m	EFF-2.4	4	[13,4,7,8,3]	543
In-115(n,d)Cd-114	TALYS-6a	0	[8]	57
In-115(n,t)Cd-113g	TALYS-6a	0		44
In-115(n,t)Cd-113m	TALYS-6a	0		44
In-115(n,h)Ag-113g	TALYS-6a	5		35
In-115(n,h)Ag-113m	TALYS-6a	0		35
In-115(n,a)Ag-112	TALYS-5	5		100
In-115(n,2a)Rh-108g	TALYS-6a	0	[4,8]	36
In-115(n,2a)Rh-108m	TALYS-6a	0	[4,7,8,8]	36
In-115(n,2p)Ag-114g	TALYS-6a	0	[4,8]	32
In-115(n,2p)Ag-114m	TALYS-6a	0	[4,7,8,8]	31
In-115(n,pa)Pd-111g	TALYS-6a	0		38
In-115(n,pa)Pd-111m	TALYS-6a	0		38
In-115(n,pd)Ag-113g	TALYS-6a	0		27
In-115(n,pd)Ag-113m	TALYS-6a	0		28
In-115(n,pt)Ag-112	TALYS-6a	0	[8]	25
In-115(n,da)Pd-110	TALYS-6a	0	[8]	31
In-115(n,5n)In-111g	TALYS-6a	0		15
In-115(n,5n)In-111m	TALYS-6a	0		14
In-115(n,6n)In-110g	TALYS-6a	0		10
In-115(n,6n)In-110m	TALYS-6a	0		10
In-115(n,2nt)Cd-111g	TALYS-6a	0		21
In-115(n,2nt)Cd-111m	TALYS-6a	0		21
In-115(n,ta)Pd-109g	TALYS-6a	0		28
In-115(n,ta)Pd-109m	TALYS-6a	0		28
In-115(n,4np)Cd-111g	TALYS-6a	0		15
In-115(n,4np)Cd-111m	TALYS-6a	0		15
In-115(n,3nd)Cd-111g	TALYS-6a	0		16
In-115(n,3nd)Cd-111m	TALYS-6a	0		16
In-115(n,n'da)Pd-109g	TALYS-6a	0		22
In-115(n,n'da)Pd-109m	TALYS-6a	0		22
In-115(n,2npa)Pd-109g	TALYS-6a	0		20
In-115(n,2npa)Pd-109m	TALYS-6a	0		20
In-115(n,7n)In-109g	TALYS-6a	0	[4]	6
In-115(n,7n)In-109m	TALYS-6a	0	[4,7,8]	5
In-115(n,7n)In-109n	TALYS-6a	0	[4,7,8]	3
In-115(n,5np)Cd-110	TALYS-6a	0		12
In-115(n,6np)Cd-109	TALYS-6a	0		7
In-115(n,4na)Ag-108g	TALYS-6a	0		15
In-115(n,4na)Ag-108m	TALYS-6a	0		15
In-115(n,5na)Ag-107g	TALYS-6a	0		11
In-115(n,5na)Ag-107m	TALYS-6a	0		12
In-115(n,6na)Ag-106g	TALYS-6a	0		7
In-115(n,6na)Ag-106m	TALYS-6a	0		7
In-115(n,4nd)Cd-110	TALYS-6a	0		13
In-115(n,5nd)Cd-109	TALYS-6a	0		8
In-115(n,3nt)Cd-110	TALYS-6a	0	[8]	15
In-115(n,4nt)Cd-109	TALYS-6a	0	[8]	10
In-115(n,5nt)Cd-108	TALYS-6a	0	[8]	7
In-115(n,2nh)Ag-111g	TALYS-6a	0		19
In-115(n,2nh)Ag-111m	TALYS-6a	0		19
In-115(n,3nh)Ag-110g	TALYS-6a	0		13
In-115(n,3nh)Ag-110m	TALYS-6a	0		13
In-115(n,4nh)Ag-109g	TALYS-6a	0		10
In-115(n,4nh)Ag-109m	TALYS-6a	0		10
In-115(n,3n2p)Ag-111g	TALYS-6a	0		14
In-115(n,3n2p)Ag-111m	TALYS-6a	0		14
In-115(n,3n2a)Rh-105g	TALYS-6a	0		15
In-115(n,3n2a)Rh-105m	TALYS-6a	0		14
In-115(n,3npa)Pd-108	TALYS-6a	0	[8]	15
In-115(n,n'pd)Ag-112	TALYS-6a	0	[8]	19
In-115(n,n'pt)Ag-111g	TALYS-6a	0		18
In-115(n,n'pt)Ag-111m	TALYS-6a	0		19
In-115(n,n'dt)Ag-110g	TALYS-6a	0		14
In-115(n,n'dt)Ag-110m	TALYS-6a	0		14
In-115(n,n'ph)Pd-111g	TALYS-6a	0		15
In-115(n,n'ph)Pd-111m	TALYS-6a	0		14
In-115(n,n'ta)Pd-108	TALYS-6a	0	[8]	21
In-115(n,2n2p)Ag-112	TALYS-6a	0	[8]	17
In-115(n,4n2p)Ag-110g	TALYS-6a	0		9
In-115(n,4n2p)Ag-110m	TALYS-6a	0		9
In-115(n,4n2a)Rh-104g	TALYS-6a	0		9
In-115(n,4n2a)Rh-104m	TALYS-6a	0		10
In-115(n,4npa)Pd-107g	TALYS-6a	0		10
In-115(n,4npa)Pd-107m	TALYS-6a	0		10
Sn-112(n,2nd)In-109g	TALYS-6a	0	[4]	22
Sn-112(n,2nd)In-109m	TALYS-6a	0	[4,7,8]	21
Sn-112(n,2nd)In-109n	TALYS-6a	0	[4,7,8]	20
Sn-112(n,2n)Sn-111	EFF-2.4	5	[13]	37
Sn-112(n,3n)Sn-110	TALYS-6a	0		27
Sn-112(n,n'a)Cd-108	TALYS-6a	0	[8]	61
Sn-112(n,n'3a)Ru-100	TALYS-6a	0	[8]	20
Sn-112(n,2na)Cd-107	TALYS-6a	0	[8]	31

Reaction	Library	Flag	Ref	Value
Sn-112(n,3na)Cd-106	TALYS-6a	0	[8]	23
Sn-112(n,n'p)In-111g	TALYS-6a	0		45
Sn-112(n,n'p)In-111m	TALYS-6a	0		44
Sn-112(n,n'2a)Pd-104	TALYS-6a	0	[8]	35
Sn-112(n,2n2a)Pd-103	TALYS-6a	0	[8]	23
Sn-112(n,n'd)In-110g	TALYS-6a	0		30
Sn-112(n,n'd)In-110m	TALYS-6a	0		30
Sn-112(n,n't)In-109g	TALYS-6a	0	[4]	28
Sn-112(n,n't)In-109m	TALYS-6a	0	[4,7,8]	27
Sn-112(n,n't)In-109n	TALYS-6a	0	[4,7,8]	26
Sn-112(n,n'h)Cd-109	TALYS-6a	0	[8]	27
Sn-112(n,n'd2a)Rh-102g	TALYS-6a	0		14
Sn-112(n,n'd2a)Rh-102m	TALYS-6a	0		14
Sn-112(n,n't2a)Rh-101g	TALYS-6a	0		13
Sn-112(n,n't2a)Rh-101m	TALYS-6a	0		13
Sn-112(n,4n)Sn-109	TALYS-6a	0		16
Sn-112(n,2np)In-110g	TALYS-6a	0		28
Sn-112(n,2np)In-110m	TALYS-6a	0		28
Sn-112(n,3np)In-109g	TALYS-6a	0	[4]	20
Sn-112(n,3np)In-109m	TALYS-6a	0	[4,7,8]	19
Sn-112(n,3np)In-109n	TALYS-6a	0	[4,7,8]	18
Sn-112(n,n'2p)Cd-110	TALYS-6a	0	[8]	31
Sn-112(n,n'pa)Ag-107g	TALYS-6a	0		31
Sn-112(n,n'pa)Ag-107m	TALYS-6a	0		31
Sn-112(n,g)Sn-113g	JEF-2.2	1	[14,13,4,6]	3625
Sn-112(n,g)Sn-113m	JEF-2.2	2	[14,13,4,6]	3625
Sn-112(n,p)In-112g	TALYS-6	4	[3]	100
Sn-112(n,p)In-112m	TALYS-6	4	[3]	84
Sn-112(n,d)In-111g	TALYS-6a	0		54
Sn-112(n,d)In-111m	TALYS-6a	0		52
Sn-112(n,t)In-110g	TALYS-5a	2		41
Sn-112(n,t)In-110m	TALYS-5a	2		40
Sn-112(n,h)Cd-110	TALYS-6a	0	[8]	44
Sn-112(n,a)Cd-109	TALYS-5	2	[9,3,3]	3568
Sn-112(n,2a)Pd-105	TALYS-6a	0		100
Sn-112(n,3a)Ru-101	TALYS-6a	0		100
Sn-112(n,2p)Cd-111g	TALYS-6a	0		45
Sn-112(n,2p)Cd-111m	TALYS-6a	0		44
Sn-112(n,pa)Ag-108g	TALYS-6a	0		45
Sn-112(n,pa)Ag-108m	TALYS-6a	0		45
Sn-112(n,t2a)Rh-102g	TALYS-6a	0		16
Sn-112(n,t2a)Rh-102m	TALYS-6a	0		16
Sn-112(n,d2a)Rh-103g	TALYS-6a	0		20
Sn-112(n,d2a)Rh-103m	TALYS-6a	0		20
Sn-112(n,pd)Cd-110	TALYS-6a	0	[8]	34
Sn-112(n,pt)Cd-109	TALYS-6a	0	[8]	28
Sn-112(n,da)Ag-107g	TALYS-6a	0		33
Sn-112(n,da)Ag-107m	TALYS-6a	0		33
Sn-112(n,5n)Sn-108	TALYS-6a	0		12
Sn-112(n,6n)Sn-107	TALYS-6a	0		6
Sn-112(n,2nt)In-108g	TALYS-6a	0		17
Sn-112(n,2nt)In-108m	TALYS-6a	0		17
Sn-112(n,ta)Ag-106g	TALYS-6a	0		28
Sn-112(n,ta)Ag-106m	TALYS-6a	0		28
Sn-112(n,4np)In-108g	TALYS-6a	0		13
Sn-112(n,4np)In-108m	TALYS-6a	0		13
Sn-112(n,3nd)In-108g	TALYS-6a	0		14
Sn-112(n,3nd)In-108m	TALYS-6a	0		14
Sn-112(n,n'da)Ag-106g	TALYS-6a	0		22
Sn-112(n,n'da)Ag-106m	TALYS-6a	0		22
Sn-112(n,2npa)Ag-106g	TALYS-6a	0		21
Sn-112(n,2npa)Ag-106m	TALYS-6a	0		21
Sn-112(n,5np)In-107g	TALYS-6a	0		9
Sn-112(n,5np)In-107m	TALYS-6a	0		8
Sn-112(n,4na)Cd-105	TALYS-6a	0	[8]	14
Sn-112(n,5na)Cd-104	TALYS-6a	0	[8]	10
Sn-112(n,4nd)In-107g	TALYS-6a	0		10
Sn-112(n,4nd)In-107m	TALYS-6a	0		9
Sn-112(n,3nt)In-107g	TALYS-6a	0		12
Sn-112(n,3nt)In-107m	TALYS-6a	0		12
Sn-112(n,4nt)In-106g	TALYS-6a	0		7
Sn-112(n,4nt)In-106m	TALYS-6a	0		7
Sn-112(n,2nh)Cd-108	TALYS-6a	0	[8]	20
Sn-112(n,3nh)Cd-107	TALYS-6a	0	[8]	13
Sn-112(n,4nh)Cd-106	TALYS-6a	0	[8]	9
Sn-112(n,3n2p)Cd-108	TALYS-6a	0	[8]	15
Sn-112(n,3n2a)Pd-102	TALYS-6a	0	[8]	16
Sn-112(n,3npa)Ag-105g	TALYS-6a	0		15
Sn-112(n,3npa)Ag-105m	TALYS-6a	0		15
Sn-112(n,dt)Cd-108	TALYS-6a	0	[8]	22
Sn-112(n,n'pd)Cd-109	TALYS-6a	0	[8]	22
Sn-112(n,n'pt)Cd-108	TALYS-6a	0	[8]	21
Sn-112(n,n'dt)Cd-107	TALYS-6a	0	[8]	14
Sn-112(n,n'ph)Ag-108g	TALYS-6a	0		16
Sn-112(n,n'ph)Ag-108m	TALYS-6a	0		16
Sn-112(n,n'dh)Ag-107g	TALYS-6a	0		13
Sn-112(n,n'dh)Ag-107m	TALYS-6a	0		13
Sn-112(n,n'ta)Ag-105g	TALYS-6a	0		20
Sn-112(n,n'ta)Ag-105m	TALYS-6a	0		20
Sn-112(n,2n2p)Cd-109	TALYS-6a	0	[8]	21
Sn-112(n,ph)Ag-109g	TALYS-6a	0		25
Sn-112(n,ph)Ag-109m	TALYS-6a	0		25
Sn-112(n,ha)Pd-106	TALYS-6a	0	[8]	28
Sn-112(n,4n2p)Cd-107	TALYS-6a	0	[8]	10
Sn-112(n,4n2a)Pd-101	TALYS-6a	0	[8]	10
Sn-112(n,4npa)Ag-104g	TALYS-6a	0		9
Sn-112(n,4npa)Ag-104m	TALYS-6a	0		9
Sn-112(n,3p)Ag-110g	TALYS-6a	0		25
Sn-112(n,3p)Ag-110m	TALYS-6a	0		25
Sn-112(n,n'3p)Ag-109g	TALYS-6a	0		18
Sn-112(n,n'3p)Ag-109m	TALYS-6a	0		18
Sn-112(n,3n2pa)Pd-104	TALYS-6a	0	[8]	10
Sn-112(n,5n2p)Cd-106	TALYS-6a	0	[8]	6
Sn-113(n,n')Sn-113m	TALYS-6a	0		90
Sn-113(n,2nd)In-110g	TALYS-6a	0		22
Sn-113(n,2nd)In-110m	TALYS-6a	0		22
Sn-113(n,2n)Sn-112	TALYS-6a	0		46
Sn-113(n,3n)Sn-111	TALYS-6a	0		28
Sn-113(n,n'a)Cd-109	TALYS-6a	0	[8]	59

Reaction	Library	Flag	Ref	Value
Sn-113(n,n'3a)Ru-101	TALYS-6a	0	[8]	18
Sn-113(n,2na)Cd-108	TALYS-6a	0	[8]	36
Sn-113(n,3na)Cd-107	TALYS-6a	0	[8]	23
Sn-113(n,n'p)In-112g	TALYS-6a	0		45
Sn-113(n,n'p)In-112m	TALYS-6a	0		45
Sn-113(n,n'2a)Pd-105	TALYS-6a	0	[8]	33
Sn-113(n,2n2a)Pd-104	TALYS-6a	0	[8]	25
Sn-113(n,n'd)In-111g	TALYS-6a	0		33
Sn-113(n,n'd)In-111m	TALYS-6a	0		32
Sn-113(n,n't)In-110g	TALYS-6a	0		28
Sn-113(n,n't)In-110m	TALYS-6a	0		28
Sn-113(n,n'h)Cd-110	TALYS-6a	0	[8]	30
Sn-113(n,n'd2a)Rh-103g	TALYS-6a	0		14
Sn-113(n,n'd2a)Rh-103m	TALYS-6a	0		14
Sn-113(n,n't2a)Rh-102g	TALYS-6a	0		12
Sn-113(n,n't2a)Rh-102m	TALYS-6a	0		12
Sn-113(n,4n)Sn-110	TALYS-6a	0		20
Sn-113(n,2np)In-111g	TALYS-6a	0		31
Sn-113(n,2np)In-111m	TALYS-6a	0		30
Sn-113(n,3np)In-110g	TALYS-6a	0		20
Sn-113(n,3np)In-110m	TALYS-6a	0		20
Sn-113(n,n'2p)Cd-111g	TALYS-6a	0		30
Sn-113(n,n'2p)Cd-111m	TALYS-6a	0		30
Sn-113(n,n'pa)Ag-108g	TALYS-6a	0		30
Sn-113(n,n'pa)Ag-108m	TALYS-6a	0		30
>Sn-113(n,g)Sn-114	MASGAM	2	[13,12]	146
Sn-113(n,p)In-113g	TALYS-6a	0	[2]	100
Sn-113(n,p)In-113m	TALYS-6a	0	[2]	100
Sn-113(n,d)In-112g	TALYS-6a	0		53
Sn-113(n,d)In-112m	TALYS-6a	0		52
Sn-113(n,t)In-111g	TALYS-6a	0		45
Sn-113(n,t)In-111m	TALYS-6a	0		44
Sn-113(n,h)Cd-111g	TALYS-6a	0		42
Sn-113(n,h)Cd-111m	TALYS-6a	0		42
Sn-113(n,a)Cd-110	TALYS-6a	0	[2]	100
Sn-113(n,2a)Pd-106	TALYS-6a	0		100
Sn-113(n,2p)Cd-112	TALYS-6a	0	[8]	53
Sn-113(n,pa)Ag-109g	TALYS-6a	0		52
Sn-113(n,pa)Ag-109m	TALYS-6a	0		52
Sn-113(n,pd)Cd-111g	TALYS-6a	0		32
Sn-113(n,pd)Cd-111m	TALYS-6a	0		31
Sn-113(n,pt)Cd-110	TALYS-6a	0	[8]	31
Sn-113(n,da)Ag-108g	TALYS-6a	0		31
Sn-113(n,da)Ag-108m	TALYS-6a	0		31
Sn-113(n,5n)Sn-109	TALYS-6a	0		12
Sn-113(n,6n)Sn-108	TALYS-6a	0		8
Sn-113(n,2nt)In-109g	TALYS-6a	0	[4]	20
Sn-113(n,2nt)In-109m	TALYS-6a	0	[4,7,8]	19
Sn-113(n,2nt)In-109n	TALYS-6a	0	[4,7,8]	18
Sn-113(n,ta)Ag-107g	TALYS-6a	0		30
Sn-113(n,ta)Ag-107m	TALYS-6a	0		30
Sn-113(n,4np)In-109g	TALYS-6a	0	[4]	14
Sn-113(n,4np)In-109m	TALYS-6a	0	[4,7,8]	14
Sn-113(n,4np)In-109n	TALYS-6a	0	[4,7,8]	13
Sn-113(n,3nd)In-109g	TALYS-6a	0	[4]	15
Sn-113(n,3nd)In-109m	TALYS-6a	0	[4,7,8]	15
Sn-113(n,3nd)In-109n	TALYS-6a	0	[4,7,8]	14
Sn-113(n,n'da)Ag-107g	TALYS-6a	0		24
Sn-113(n,n'da)Ag-107m	TALYS-6a	0		24
Sn-113(n,2npa)Ag-107g	TALYS-6a	0		23
Sn-113(n,2npa)Ag-107m	TALYS-6a	0		23
Sn-113(n,5np)In-108g	TALYS-6a	0		9
Sn-113(n,5np)In-108m	TALYS-6a	0		9
Sn-113(n,6np)In-107g	TALYS-6a	0		5
Sn-113(n,6np)In-107m	TALYS-6a	0		4
Sn-113(n,4na)Cd-106	TALYS-6a	0	[8]	16
Sn-113(n,5na)Cd-105	TALYS-6a	0	[8]	10
Sn-113(n,4nd)In-108g	TALYS-6a	0		10
Sn-113(n,4nd)In-108m	TALYS-6a	0		10
Sn-113(n,5nd)In-107g	TALYS-6a	0		6
Sn-113(n,5nd)In-107m	TALYS-6a	0		5
Sn-113(n,3nt)In-108g	TALYS-6a	0		13
Sn-113(n,3nt)In-108m	TALYS-6a	0		13
Sn-113(n,4nt)In-107g	TALYS-6a	0		8
Sn-113(n,4nt)In-107m	TALYS-6a	0		8
Sn-113(n,2nh)Cd-109	TALYS-6a	0	[8]	20
Sn-113(n,3nh)Cd-108	TALYS-6a	0	[8]	14
Sn-113(n,4nh)Cd-107	TALYS-6a	0	[8]	10
Sn-113(n,3n2p)Cd-109	TALYS-6a	0	[8]	15
Sn-113(n,3n2a)Pd-103	TALYS-6a	0	[8]	15
Sn-113(n,3npa)Ag-106g	TALYS-6a	0		15
Sn-113(n,3npa)Ag-106m	TALYS-6a	0		15
Sn-113(n,dt)Cd-109	TALYS-6a	0	[8]	21
Sn-113(n,n'pd)Cd-110	TALYS-6a	0	[8]	25
Sn-113(n,n'pt)Cd-109	TALYS-6a	0	[8]	20
Sn-113(n,n'dt)Cd-108	TALYS-6a	0	[8]	15
Sn-113(n,n'ph)Ag-109g	TALYS-6a	0		17
Sn-113(n,n'ph)Ag-109m	TALYS-6a	0		17
Sn-113(n,n'dh)Ag-108g	TALYS-6a	0		13
Sn-113(n,n'dh)Ag-108m	TALYS-6a	0		13
Sn-113(n,n'ta)Ag-106g	TALYS-6a	0		20
Sn-113(n,n'ta)Ag-106m	TALYS-6a	0		20
Sn-113(n,2n2p)Cd-110	TALYS-6a	0	[8]	23
Sn-113(n,ph)Ag-110g	TALYS-6a	0		23
Sn-113(n,ph)Ag-110m	TALYS-6a	0		24
Sn-113(n,4n2p)Cd-108	TALYS-6a	0	[8]	11
Sn-113(n,4n2a)Pd-102	TALYS-6a	0	[8]	11
Sn-113(n,4npa)Ag-105g	TALYS-6a	0		11
Sn-113(n,4npa)Ag-105m	TALYS-6a	0		11
Sn-113(n,3p)Ag-111g	TALYS-6a	0		26
Sn-113(n,3p)Ag-111m	TALYS-6a	0		26
Sn-113(n,n'3p)Ag-110g	TALYS-6a	0		17
Sn-113(n,n'3p)Ag-110m	TALYS-6a	0		17
Sn-113(n,3n2pa)Pd-105	TALYS-6a	0	[8]	10
Sn-113(n,5n2p)Cd-107	TALYS-6a	0	[8]	6
Sn-114(n,2nd)In-111g	TALYS-6a	0		22
Sn-114(n,2nd)In-111m	TALYS-6a	0		21
Sn-114(n,2n)Sn-113g	EFF-2.4	2	[13,4]	38
Sn-114(n,2n)Sn-113m	EFF-2.4	2	[13,4,7,8]	37

Sn-114(n,3n)Sn-112	TALYS-6a	0		28
Sn-114(n,n'a)Cd-110	TALYS-6a	0 [8]		57
Sn-114(n,n'3a)Ru-102	TALYS-6a	0 [8]		17
Sn-114(n,2na)Cd-109	TALYS-6a	0 [8]		31
Sn-114(n,3na)Cd-108	TALYS-6a	0 [8]		23
Sn-114(n,n'p)In-113g	TALYS-6a	0		43
Sn-114(n,n'p)In-113m	TALYS-6a	5		42
Sn-114(n,n'2a)Pd-106	TALYS-6a	0 [8]		31
Sn-114(n,2n2a)Pd-105	TALYS-6a	0 [8]		21
Sn-114(n,n'd)In-112g	TALYS-6a	0		30
Sn-114(n,n'd)In-112m	TALYS-6a	0		29
Sn-114(n,n't)In-111g	TALYS-6a	0		28
Sn-114(n,n't)In-111m	TALYS-6a	0		27
Sn-114(n,n'h)Cd-111g	TALYS-6a	0		26
Sn-114(n,n'h)Cd-111m	TALYS-6a	0		26
Sn-114(n,n'd2a)Rh-104g	TALYS-6a	0		12
Sn-114(n,n'd2a)Rh-104m	TALYS-6a	0		12
Sn-114(n,4n)Sn-111	TALYS-6a	0		17
Sn-114(n,2np)In-112g	TALYS-6a	0		28
Sn-114(n,2np)In-112m	TALYS-6a	0		28
Sn-114(n,3np)In-111g	TALYS-6a	0		20
Sn-114(n,3np)In-111m	TALYS-6a	0		20
Sn-114(n,n'2p)Cd-112	TALYS-6a	0 [8]		29
Sn-114(n,n'pa)Ag-109g	TALYS-6a	0		29
Sn-114(n,n'pa)Ag-109m	TALYS-6a	0		29
Sn-114(n,g)Sn-115	JENDL-3.2	4 [14,13,13,4]		4595
Sn-114(n,p)In-114g	TALYS-6	1		76
Sn-114(n,p)In-114m	TALYS-6	2		75
Sn-114(n,d)In-113g	TALYS-6a	0		49
Sn-114(n,d)In-113m	TALYS-6a	0		47
Sn-114(n,t)In-112g	TALYS-6a	0		40
Sn-114(n,t)In-112m	TALYS-6a	0		39
Sn-114(n,h)Cd-112	TALYS-6a	0 [8]		41
Sn-114(n,a)Cd-111g	TALYS-6a	0 [9,2,3]		2066
Sn-114(n,a)Cd-111m	TALYS-6a	0 [9,2,3]		2066
Sn-114(n,2a)Pd-107g	TALYS-6a	0		100
Sn-114(n,2a)Pd-107m	TALYS-6a	0		100
Sn-114(n,2p)Cd-113g	TALYS-6a	0		40
Sn-114(n,2p)Cd-113m	TALYS-6a	0		40
Sn-114(n,pa)Ag-110g	TALYS-6a	0		40
Sn-114(n,pa)Ag-110m	TALYS-6a	0		40
Sn-114(n,pd)Cd-112	TALYS-6a	0 [8]		31
Sn-114(n,pt)Cd-111g	TALYS-6a	0		27
Sn-114(n,pt)Cd-111m	TALYS-6a	0		27
Sn-114(n,da)Ag-109g	TALYS-6a	0		30
Sn-114(n,da)Ag-109m	TALYS-6a	0		30
Sn-114(n,5n)Sn-110	TALYS-6a	0		13
Sn-114(n,6n)Sn-109	TALYS-6a	0		7
Sn-114(n,2nt)In-110g	TALYS-6a	0		18
Sn-114(n,2nt)In-110m	TALYS-6a	0		18
Sn-114(n,ta)Ag-108g	TALYS-6a	0		27
Sn-114(n,ta)Ag-108m	TALYS-6a	0		27
Sn-114(n,4np)In-110g	TALYS-6a	0		13
Sn-114(n,4np)In-110m	TALYS-6a	0		13
Sn-114(n,3nd)In-110g	TALYS-6a	0		14
Sn-114(n,3nd)In-110m	TALYS-6a	0		14
Sn-114(n,n'da)Ag-108g	TALYS-6a	0		21
Sn-114(n,n'da)Ag-108m	TALYS-6a	0		21
Sn-114(n,2npa)Ag-108g	TALYS-6a	0		19
Sn-114(n,2npa)Ag-108m	TALYS-6a	0		19
Sn-114(n,5np)In-109g	TALYS-6a	0 [4]		9
Sn-114(n,5np)In-109m	TALYS-6a	0 [4,7,8]		9
Sn-114(n,5np)In-109n	TALYS-6a	0 [4,7,8]		7
Sn-114(n,4na)Cd-107	TALYS-6a	0 [8]		15
Sn-114(n,5na)Cd-106	TALYS-6a	0 [8]		10
Sn-114(n,4nd)In-109g	TALYS-6a	0 [4]		10
Sn-114(n,4nd)In-109m	TALYS-6a	0 [4,7,8]		10
Sn-114(n,4nd)In-109n	TALYS-6a	0 [4,7,8]		9
Sn-114(n,5nd)In-108g	TALYS-6a	0		5
Sn-114(n,5nd)In-108m	TALYS-6a	0		5
Sn-114(n,3nt)In-109g	TALYS-6a	0 [4]		13
Sn-114(n,3nt)In-109m	TALYS-6a	0 [4,7,8]		13
Sn-114(n,3nt)In-109n	TALYS-6a	0 [4,7,8]		12
Sn-114(n,4nt)In-108g	TALYS-6a	0		8
Sn-114(n,4nt)In-108m	TALYS-6a	0		8
Sn-114(n,2nh)Cd-110	TALYS-6a	0 [8]		19
Sn-114(n,3nh)Cd-109	TALYS-6a	0 [8]		13
Sn-114(n,4nh)Cd-108	TALYS-6a	0 [8]		9
Sn-114(n,3n2p)Cd-110	TALYS-6a	0 [8]		14
Sn-114(n,3n2a)Pd-104	TALYS-6a	0 [8]		15
Sn-114(n,3npa)Ag-107g	TALYS-6a	0		14
Sn-114(n,3npa)Ag-107m	TALYS-6a	0		14
Sn-114(n,dt)Cd-110	TALYS-6a	0 [8]		21
Sn-114(n,n'pd)Cd-111g	TALYS-6a	0		21
Sn-114(n,n'pd)Cd-111m	TALYS-6a	0		21
Sn-114(n,n'pt)Cd-110	TALYS-6a	0 [8]		20
Sn-114(n,n'dt)Cd-109	TALYS-6a	0 [8]		14
Sn-114(n,n'ph)Ag-110g	TALYS-6a	0		15
Sn-114(n,n'ph)Ag-110m	TALYS-6a	0		15
Sn-114(n,n'dh)Ag-109g	TALYS-6a	0		12
Sn-114(n,n'dh)Ag-109m	TALYS-6a	0		12
Sn-114(n,n'ta)Ag-107g	TALYS-6a	0		19
Sn-114(n,n'ta)Ag-107m	TALYS-6a	0		19
Sn-114(n,2n2p)Cd-111g	TALYS-6a	0		19
Sn-114(n,2n2p)Cd-111m	TALYS-6a	0		19
Sn-114(n,ph)Ag-111g	TALYS-6a	0		22
Sn-114(n,ph)Ag-111m	TALYS-6a	0		22
Sn-114(n,4n2p)Cd-109	TALYS-6a	0 [8]		9
Sn-114(n,4n2a)Pd-103	TALYS-6a	0 [8]		10
Sn-114(n,4npa)Ag-106g	TALYS-6a	0		9
Sn-114(n,4npa)Ag-106m	TALYS-6a	0		9
Sn-114(n,3p)Ag-112	TALYS-6a	0 [8]		21
Sn-114(n,n'3p)Ag-111g	TALYS-6a	0		16
Sn-114(n,n'3p)Ag-111m	TALYS-6a	0		16
Sn-114(n,3n2pa)Pd-106	TALYS-6a	0 [8]		9
Sn-114(n,5n2p)Cd-108	TALYS-6a	0 [8]		6
Sn-115(n,2nd)In-112g	TALYS-6a	0		22
Sn-115(n,2nd)In-112m	TALYS-6a	0		22
Sn-115(n,2n)Sn-114	TALYS-6a	0		47

Sn-115(n,3n)Sn-113g	TALYS-6a	0		28
Sn-115(n,3n)Sn-113m	TALYS-6a	0		28
Sn-115(n,n'a)Cd-111g	TALYS-6a	0		54
Sn-115(n,n'a)Cd-111m	TALYS-6a	0		52
Sn-115(n,2na)Cd-110	TALYS-6a	0 [8]		35
Sn-115(n,3na)Cd-109	TALYS-6a	0 [8]		23
Sn-115(n,n'p)In-114g	TALYS-6a	0		43
Sn-115(n,n'p)In-114m	TALYS-6a	0		42
Sn-115(n,n'2a)Pd-107g	TALYS-6a	0		30
Sn-115(n,n'2a)Pd-107m	TALYS-6a	0		30
Sn-115(n,2n2a)Pd-106	TALYS-6a	0 [8]		23
Sn-115(n,n'd)In-113g	TALYS-6a	0		31
Sn-115(n,n'd)In-113m	TALYS-6a	0		31
Sn-115(n,n't)In-112g	TALYS-6a	0		28
Sn-115(n,n't)In-112m	TALYS-6a	0		28
Sn-115(n,n'h)Cd-112	TALYS-6a	0 [8]		28
Sn-115(n,n'd2a)Rh-105g	TALYS-6a	0		13
Sn-115(n,n'd2a)Rh-105m	TALYS-6a	0		13
Sn-115(n,4n)Sn-112	TALYS-6a	0		21
Sn-115(n,2np)In-113g	TALYS-6a	0		30
Sn-115(n,2np)In-113m	TALYS-6a	0		29
Sn-115(n,3np)In-112g	TALYS-6a	0		20
Sn-115(n,3np)In-112m	TALYS-6a	0		20
Sn-115(n,n'2p)Cd-113g	TALYS-6a	0		28
Sn-115(n,n'2p)Cd-113m	TALYS-6a	0		28
Sn-115(n,n'pa)Ag-110g	TALYS-6a	0		28
Sn-115(n,n'pa)Ag-110m	TALYS-6a	0		28
Sn-115(n,g)Sn-116	JENDL-3.3	4 [14,13,3]		3908
Sn-115(n,p)In-115g	TALYS-6a	0 [2]		100
Sn-115(n,p)In-115m	TALYS-5a	2 [3,8]		84
Sn-115(n,d)In-114g	TALYS-6a	0		47
Sn-115(n,d)In-114m	TALYS-6a	0		46
Sn-115(n,t)In-113g	TALYS-6a	0		43
Sn-115(n,t)In-113m	TALYS-6a	0		43
Sn-115(n,h)Cd-113g	TALYS-6a	0		38
Sn-115(n,h)Cd-113m	TALYS-6a	0		38
Sn-115(n,a)Cd-112	TALYS-5	2 [9,3]		1973
Sn-115(n,2a)Pd-108	TALYS-6a	0		100
Sn-115(n,2p)Cd-114	TALYS-6a	0 [8]		43
Sn-115(n,pa)Ag-111g	TALYS-6a	0		43
Sn-115(n,pa)Ag-111m	TALYS-6a	0		43
Sn-115(n,pd)Cd-113g	TALYS-6a	0		29
Sn-115(n,pd)Cd-113m	TALYS-6a	0		29
Sn-115(n,pt)Cd-112	TALYS-6a	0 [8]		29
Sn-115(n,da)Ag-110g	TALYS-6a	0		29
Sn-115(n,da)Ag-110m	TALYS-6a	0		29
Sn-115(n,5n)Sn-111	TALYS-6a	0		13
Sn-115(n,6n)Sn-110	TALYS-6a	0		9
Sn-115(n,2nt)In-111g	TALYS-6a	0		20
Sn-115(n,2nt)In-111m	TALYS-6a	0		20
Sn-115(n,ta)Ag-109g	TALYS-6a	0		28
Sn-115(n,ta)Ag-109m	TALYS-6a	0		29
Sn-115(n,4np)In-111g	TALYS-6a	0		15
Sn-115(n,4np)In-111m	TALYS-6a	0		14
Sn-115(n,3nd)In-111g	TALYS-6a	0		15
Sn-115(n,3nd)In-111m	TALYS-6a	0		15
Sn-115(n,n'da)Ag-109g	TALYS-6a	0		22
Sn-115(n,n'da)Ag-109m	TALYS-6a	0		23
Sn-115(n,2npa)Ag-109g	TALYS-6a	0		21
Sn-115(n,2npa)Ag-109m	TALYS-6a	0		21
Sn-115(n,5np)In-110g	TALYS-6a	0		10
Sn-115(n,5np)In-110m	TALYS-6a	0		9
Sn-115(n,6np)In-109g	TALYS-6a	0 [4]		6
Sn-115(n,6np)In-109m	TALYS-6a	0 [4,7,8]		5
Sn-115(n,6np)In-109n	TALYS-6a	0 [4,7,8]		4
Sn-115(n,4na)Cd-108	TALYS-6a	0 [8]		16
Sn-115(n,5na)Cd-107	TALYS-6a	0 [8]		11
Sn-115(n,6na)Cd-106	TALYS-6a	0 [8]		6
Sn-115(n,4nd)In-110g	TALYS-6a	0		10
Sn-115(n,4nd)In-110m	TALYS-6a	0		10
Sn-115(n,5nd)In-109g	TALYS-6a	0 [4]		6
Sn-115(n,5nd)In-109m	TALYS-6a	0 [4,7,8]		6
Sn-115(n,5nd)In-109n	TALYS-6a	0 [4,7,8]		5
Sn-115(n,3nt)In-110g	TALYS-6a	0		13
Sn-115(n,3nt)In-110m	TALYS-6a	0		13
Sn-115(n,4nt)In-109g	TALYS-6a	0 [4]		9
Sn-115(n,4nt)In-109m	TALYS-6a	0 [4,7,8]		9
Sn-115(n,4nt)In-109n	TALYS-6a	0 [4,7,8]		8
Sn-115(n,2nh)Cd-111g	TALYS-6a	0		19
Sn-115(n,2nh)Cd-111m	TALYS-6a	0		19
Sn-115(n,3nh)Cd-110	TALYS-6a	0 [8]		14
Sn-115(n,4nh)Cd-109	TALYS-6a	0 [8]		9
Sn-115(n,3n2p)Cd-111g	TALYS-6a	0		14
Sn-115(n,3n2p)Cd-111m	TALYS-6a	0		14
Sn-115(n,3n2a)Pd-105	TALYS-6a	0 [8]		15
Sn-115(n,3npa)Ag-108g	TALYS-6a	0		14
Sn-115(n,3npa)Ag-108m	TALYS-6a	0		14
Sn-115(n,dt)Cd-111g	TALYS-6a	0		20
Sn-115(n,dt)Cd-111m	TALYS-6a	0		20
Sn-115(n,n'pd)Cd-112	TALYS-6a	0 [8]		23
Sn-115(n,n'pt)Cd-111g	TALYS-6a	0		19
Sn-115(n,n'pt)Cd-111m	TALYS-6a	0		19
Sn-115(n,n'dt)Cd-110	TALYS-6a	0 [8]		15
Sn-115(n,n'ph)Ag-111g	TALYS-6a	0		15
Sn-115(n,n'ph)Ag-111m	TALYS-6a	0		15
Sn-115(n,n'ta)Ag-108g	TALYS-6a	0		19
Sn-115(n,n'ta)Ag-108m	TALYS-6a	0		19
Sn-115(n,2n2p)Cd-112	TALYS-6a	0 [8]		21
Sn-115(n,4n2p)Cd-110	TALYS-6a	0 [8]		11
Sn-115(n,4n2a)Pd-104	TALYS-6a	0 [8]		11
Sn-115(n,4npa)Ag-107g	TALYS-6a	0		10
Sn-115(n,4npa)Ag-107m	TALYS-6a	0		10
Sn-115(n,n'3p)Ag-112	TALYS-6a	0 [8]		15
Sn-116(n,2nd)In-113g	TALYS-6a	0		22
Sn-116(n,2nd)In-113m	TALYS-6a	0		21
Sn-116(n,2n)Sn-115	TALYS-6a	0		42
Sn-116(n,3n)Sn-114	TALYS-6a	0		29
Sn-116(n,n'a)Cd-112	TALYS-6a	0 [8]		53
Sn-116(n,2na)Cd-111g	TALYS-6a	0		30

Reaction	Library		Ref	
Sn-116(n,2na)Cd-111m	TALYS-6a	0		30
Sn-116(n,3na)Cd-110	TALYS-6a	0	[8]	23
Sn-116(n,n'p)In-115g	TALYS-6a	0		41
Sn-116(n,n'p)In-115m	TALYS-6a	5		41
Sn-116(n,n'2a)Pd-108	TALYS-6a	0	[8]	30
Sn-116(n,2n2a)Pd-107g	TALYS-6a	0		20
Sn-116(n,2n2a)Pd-107m	TALYS-6a	0		20
Sn-116(n,n'd)In-114g	TALYS-6a	0		29
Sn-116(n,n'd)In-114m	TALYS-6a	0		29
Sn-116(n,n't)In-113g	TALYS-6a	0		28
Sn-116(n,n't)In-113m	TALYS-6a	0		27
Sn-116(n,n'h)Cd-113g	TALYS-6a	0		25
Sn-116(n,n'h)Cd-113m	TALYS-6a	0		25
Sn-116(n,4n)Sn-113g	TALYS-6a	0		19
Sn-116(n,4n)Sn-113m	TALYS-6a	0		19
Sn-116(n,2np)In-114g	TALYS-6a	0		27
Sn-116(n,2np)In-114m	TALYS-6a	0		27
Sn-116(n,3np)In-113g	TALYS-6a	0		20
Sn-116(n,3np)In-113m	TALYS-6a	0		20
Sn-116(n,n'2p)Cd-114	TALYS-6a	0	[8]	28
Sn-116(n,n'pa)Ag-111g	TALYS-6a	0		27
Sn-116(n,n'pa)Ag-111m	TALYS-6a	0		27
Sn-116(n,g)Sn-117g	JEF-2.2	4	[13,13,4,6,4]	3143
Sn-116(n,g)Sn-117m	JEF-2.2	4	[13,13,4,6,4]	3143
Sn-116(n,p)In-116g	EFF-2.4	2	[13,4,3]	524
Sn-116(n,p)In-116m	EFF-2.4	4	[13,4,7,8,3]	524
Sn-116(n,p)In-116n	EFF-2.4	2	[13,4,7,8,3]	524
Sn-116(n,d)In-115g	TALYS-6a	0		45
Sn-116(n,d)In-115m	TALYS-6a	0		45
Sn-116(n,t)In-114g	TALYS-6a	0		39
Sn-116(n,t)In-114m	TALYS-6a	0		38
Sn-116(n,h)Cd-114	TALYS-6a	0	[8]	37
Sn-116(n,a)Cd-113g	TALYS-6a	0	[9,2,3]	3238
Sn-116(n,a)Cd-113m	TALYS-6a	0	[9,2,3]	3238
Sn-116(n,2a)Pd-109g	TALYS-6a	0		40
Sn-116(n,2a)Pd-109m	TALYS-6a	0		40
Sn-116(n,2p)Cd-115g	TALYS-6a	0		35
Sn-116(n,2p)Cd-115m	TALYS-6a	0		35
Sn-116(n,pa)Ag-112	TALYS-6a	0	[8]	35
Sn-116(n,pd)Cd-114	TALYS-6a	0	[8]	29
Sn-116(n,pt)Cd-113g	TALYS-6a	0		26
Sn-116(n,pt)Cd-113m	TALYS-6a	0		25
Sn-116(n,da)Ag-111g	TALYS-6a	0		29
Sn-116(n,da)Ag-111m	TALYS-6a	0		29
Sn-116(n,5n)Sn-112	TALYS-6a	0		14
Sn-116(n,6n)Sn-111	TALYS-6a	0		8
Sn-116(n,2nt)In-112g	TALYS-6a	0		18
Sn-116(n,2nt)In-112m	TALYS-6a	0		18
Sn-116(n,ta)Ag-110g	TALYS-6a	0		25
Sn-116(n,ta)Ag-110m	TALYS-6a	0		25
Sn-116(n,4np)In-112g	TALYS-6a	0		13
Sn-116(n,4np)In-112m	TALYS-6a	0		13
Sn-116(n,3nd)In-112g	TALYS-6a	0		14
Sn-116(n,3nd)In-112m	TALYS-6a	0		14
Sn-116(n,n'da)Ag-110g	TALYS-6a	0		19
Sn-116(n,n'da)Ag-110m	TALYS-6a	0		19
Sn-116(n,2npa)Ag-110g	TALYS-6a	0		18
Sn-116(n,2npa)Ag-110m	TALYS-6a	0		18
Sn-116(n,7n)Sn-110	TALYS-6a	0		4
Sn-116(n,5np)In-111g	TALYS-6a	0		10
Sn-116(n,5np)In-111m	TALYS-6a	0		9
Sn-116(n,6np)In-110g	TALYS-6a	0		5
Sn-116(n,6np)In-110m	TALYS-6a	0		5
Sn-116(n,4na)Cd-109	TALYS-6a	0	[8]	15
Sn-116(n,5na)Cd-108	TALYS-6a	0	[8]	11
Sn-116(n,4nd)In-111g	TALYS-6a	0		11
Sn-116(n,4nd)In-111m	TALYS-6a	0		10
Sn-116(n,5nd)In-110g	TALYS-6a	0		6
Sn-116(n,5nd)In-110m	TALYS-6a	0		6
Sn-116(n,3nt)In-111g	TALYS-6a	0		13
Sn-116(n,3nt)In-111m	TALYS-6a	0		13
Sn-116(n,4nt)In-110g	TALYS-6a	0		8
Sn-116(n,4nt)In-110m	TALYS-6a	0		8
Sn-116(n,2nh)Cd-112	TALYS-6a	0	[8]	19
Sn-116(n,3nh)Cd-111g	TALYS-6a	0		13
Sn-116(n,3nh)Cd-111m	TALYS-6a	0		13
Sn-116(n,4nh)Cd-110	TALYS-6a	0	[8]	9
Sn-116(n,3n2p)Cd-112	TALYS-6a	0	[8]	14
Sn-116(n,3n2a)Pd-106	TALYS-6a	0	[8]	15
Sn-116(n,3npa)Ag-109g	TALYS-6a	0		14
Sn-116(n,3npa)Ag-109m	TALYS-6a	0		14
Sn-116(n,dt)Cd-112	TALYS-6a	0	[8]	20
Sn-116(n,n'pd)Cd-113g	TALYS-6a	0		19
Sn-116(n,n'pd)Cd-113m	TALYS-6a	0		19
Sn-116(n,n'pt)Cd-112	TALYS-6a	0	[8]	19
Sn-116(n,n'dt)Cd-111g	TALYS-6a	0		14
Sn-116(n,n'dt)Cd-111m	TALYS-6a	0		13
Sn-116(n,n'ph)Ag-112	TALYS-6a	0	[8]	14
Sn-116(n,n'ta)Ag-109g	TALYS-6a	0		18
Sn-116(n,n'ta)Ag-109m	TALYS-6a	0		18
Sn-116(n,2n2p)Cd-113g	TALYS-6a	0		18
Sn-116(n,2n2p)Cd-113m	TALYS-6a	0		18
Sn-116(n,4n2p)Cd-111g	TALYS-6a	0		9
Sn-116(n,4n2p)Cd-111m	TALYS-6a	0		9
Sn-116(n,4n2a)Pd-105	TALYS-6a	0	[8]	10
Sn-116(n,4npa)Ag-108g	TALYS-6a	0		9
Sn-116(n,4npa)Ag-108m	TALYS-6a	0		9
Sn-116(n,n'3p)Ag-113g	TALYS-6a	0		14
Sn-116(n,n'3p)Ag-113m	TALYS-6a	0		14
Sn-117(n,n')Sn-117m	ADL-3	4	[13]	45
Sn-117(n,2nd)In-114g	TALYS-6a	0		22
Sn-117(n,2nd)In-114m	TALYS-6a	0		22
Sn-117(n,2n)Sn-116	TALYS-6a	0		50
Sn-117(n,3n)Sn-115	TALYS-6a	0		30
Sn-117(n,n'a)Cd-113g	TALYS-6a	0		51
Sn-117(n,n'a)Cd-113m	TALYS-6a	0		50
Sn-117(n,2na)Cd-112	TALYS-6a	0	[8]	34
Sn-117(n,3na)Cd-111g	TALYS-6a	0		23
Sn-117(n,3na)Cd-111m	TALYS-6a	0		23
Sn-117(n,n'p)In-116g	TALYS-6a	0		41
Sn-117(n,n'p)In-116m	TALYS-6a	0		41
Sn-117(n,n'p)In-116n	TALYS-6a	0		40
Sn-117(n,n'2a)Pd-109g	TALYS-6a	0		28
Sn-117(n,n'2a)Pd-109m	TALYS-6a	0		28
Sn-117(n,2n2a)Pd-108	TALYS-6a	0	[8]	22
Sn-117(n,n'd)In-115g	TALYS-6a	0		31
Sn-117(n,n'd)In-115m	TALYS-6a	0		31
Sn-117(n,n't)In-114g	TALYS-6a	0		28
Sn-117(n,n't)In-114m	TALYS-6a	0		28
Sn-117(n,n'h)Cd-114	TALYS-6a	0	[8]	27
Sn-117(n,4n)Sn-114	TALYS-6a	0		22
Sn-117(n,2np)In-115g	TALYS-6a	0		29
Sn-117(n,2np)In-115m	TALYS-6a	0		29
Sn-117(n,3np)In-114g	TALYS-6a	0		20
Sn-117(n,3np)In-114m	TALYS-6a	0		20
Sn-117(n,n'2p)Cd-115g	TALYS-6a	0		26
Sn-117(n,n'2p)Cd-115m	TALYS-6a	0		26
Sn-117(n,n'pa)Ag-112	TALYS-6a	0	[8]	26
Sn-117(n,g)Sn-118	JENDL-3.2	4	[13,13,4,3]	5199
Sn-117(n,p)In-117g	EFF-2.4	4	[13,4,3]	549
Sn-117(n,p)In-117m	EFF-2.4	5	[13,4,7,8,3,4]	549
Sn-117(n,d)In-116g	TALYS-6a	0		45
Sn-117(n,d)In-116m	TALYS-6a	0		44
Sn-117(n,d)In-116n	TALYS-6a	0		44
Sn-117(n,t)In-115g	TALYS-6a	0		43
Sn-117(n,t)In-115m	TALYS-6a	0		43
Sn-117(n,h)Cd-115g	TALYS-6a	0		35
Sn-117(n,h)Cd-115m	TALYS-6a	0		35
Sn-117(n,a)Cd-114	TALYS-6a	0	[9,2,3,3]	4671
Sn-117(n,2a)Pd-110	TALYS-6a	0		100
Sn-117(n,2p)Cd-116	TALYS-6a	0	[8]	40
Sn-117(n,pa)Ag-113g	TALYS-6a	0		39
Sn-117(n,pa)Ag-113m	TALYS-6a	0		39
Sn-117(n,pd)Cd-115g	TALYS-6a	0		28
Sn-117(n,pd)Cd-115m	TALYS-6a	0		28
Sn-117(n,pt)Cd-114	TALYS-6a	0	[8]	28
Sn-117(n,da)Ag-112	TALYS-6a	0	[8]	27
Sn-117(n,5n)Sn-113g	TALYS-6a	0		14
Sn-117(n,5n)Sn-113m	TALYS-6a	0		14
Sn-117(n,6n)Sn-112	TALYS-6a	0		10
Sn-117(n,2nt)In-113g	TALYS-6a	0		21
Sn-117(n,2nt)In-113m	TALYS-6a	0		20
Sn-117(n,ta)Ag-111g	TALYS-6a	0		27
Sn-117(n,ta)Ag-111m	TALYS-6a	0		27
Sn-117(n,4np)In-113g	TALYS-6a	0		15
Sn-117(n,4np)In-113m	TALYS-6a	0		15
Sn-117(n,3nd)In-113g	TALYS-6a	0		16
Sn-117(n,3nd)In-113m	TALYS-6a	0		15
Sn-117(n,n'da)Ag-111g	TALYS-6a	0		21
Sn-117(n,n'da)Ag-111m	TALYS-6a	0		21
Sn-117(n,2npa)Ag-111g	TALYS-6a	0		20
Sn-117(n,2npa)Ag-111m	TALYS-6a	0		20
Sn-117(n,7n)Sn-111	TALYS-6a	0		5
Sn-117(n,5np)In-112g	TALYS-6a	0		10
Sn-117(n,5np)In-112m	TALYS-6a	0		10
Sn-117(n,6np)In-111g	TALYS-6a	0		6
Sn-117(n,6np)In-111m	TALYS-6a	0		6
Sn-117(n,4na)Cd-110	TALYS-6a	0	[8]	16
Sn-117(n,5na)Cd-109	TALYS-6a	0	[8]	11
Sn-117(n,6na)Cd-108	TALYS-6a	0	[8]	7
Sn-117(n,4nd)In-112g	TALYS-6a	0		11
Sn-117(n,4nd)In-112m	TALYS-6a	0		11
Sn-117(n,5nd)In-111g	TALYS-6a	0		7
Sn-117(n,5nd)In-111m	TALYS-6a	0		7
Sn-117(n,3nt)In-112g	TALYS-6a	0		14
Sn-117(n,3nt)In-112m	TALYS-6a	0		14
Sn-117(n,4nt)In-111g	TALYS-6a	0		10
Sn-117(n,4nt)In-111m	TALYS-6a	0		10
Sn-117(n,5nt)In-110g	TALYS-6a	0		5
Sn-117(n,5nt)In-110m	TALYS-6a	0		5
Sn-117(n,2nh)Cd-113g	TALYS-6a	0		18
Sn-117(n,2nh)Cd-113m	TALYS-6a	0		18
Sn-117(n,3nh)Cd-112	TALYS-6a	0	[8]	14
Sn-117(n,4nh)Cd-111g	TALYS-6a	0		9
Sn-117(n,4nh)Cd-111m	TALYS-6a	0		9
Sn-117(n,3n2p)Cd-113g	TALYS-6a	0		14
Sn-117(n,3n2p)Cd-113m	TALYS-6a	0		14
Sn-117(n,3n2a)Pd-107g	TALYS-6a	0		14
Sn-117(n,3n2a)Pd-107m	TALYS-6a	0		14
Sn-117(n,3npa)Ag-110g	TALYS-6a	0		14
Sn-117(n,3npa)Ag-110m	TALYS-6a	0		14
Sn-117(n,n'pd)Cd-114	TALYS-6a	0	[8]	22
Sn-117(n,n'pt)Cd-113g	TALYS-6a	0		18
Sn-117(n,n'pt)Cd-113m	TALYS-6a	0		18
Sn-117(n,n'dt)Cd-112	TALYS-6a	0	[8]	15
Sn-117(n,n'ph)Ag-113g	TALYS-6a	0		14
Sn-117(n,n'ph)Ag-113m	TALYS-6a	0		14
Sn-117(n,n'ta)Ag-110g	TALYS-6a	0		18
Sn-117(n,n'ta)Ag-110m	TALYS-6a	0		18
Sn-117(n,2n2p)Cd-114	TALYS-6a	0	[8]	20
Sn-117(n,4n2p)Cd-112	TALYS-6a	0	[8]	10
Sn-117(n,4n2a)Pd-106	TALYS-6a	0	[8]	11
Sn-117(n,4npa)Ag-109g	TALYS-6a	0		10
Sn-117(n,4npa)Ag-109m	TALYS-6a	0		10
Sn-117m(n,n')Sn-117g	TALYS-6a	0	[8]	97
Sn-117m(n,2nd)In-114g	TALYS-6a	0		23
Sn-117m(n,2nd)In-114m	TALYS-6a	0		22
Sn-117m(n,2n)Sn-116	TALYS-6a	0		52
Sn-117m(n,3n)Sn-115	TALYS-6a	0		30
Sn-117m(n,n'a)Cd-113g	TALYS-6a	0		53
Sn-117m(n,n'a)Cd-113m	TALYS-6a	0		51
Sn-117m(n,2na)Cd-112	TALYS-6a	0	[8]	35
Sn-117m(n,3na)Cd-111g	TALYS-6a	0		24
Sn-117m(n,3na)Cd-111m	TALYS-6a	0		23
Sn-117m(n,n'p)In-116g	TALYS-6a	0		42
Sn-117m(n,n'p)In-116m	TALYS-6a	0		41
Sn-117m(n,n'p)In-116n	TALYS-6a	0		41
Sn-117m(n,n'2a)Pd-109g	TALYS-6a	0		29

Reaction	Library	Flag	Value
Sn-117m(n,n'2a)Pd-109m	TALYS-6a	0	29
Sn-117m(n,2n2a)Pd-108	TALYS-6a	0 [8]	22
Sn-117m(n,n'd)In-115g	TALYS-6a	0	32
Sn-117m(n,n'd)In-115m	TALYS-6a	0	31
Sn-117m(n,n't)In-114g	TALYS-6a	0	28
Sn-117m(n,n't)In-114m	TALYS-6a	0	28
Sn-117m(n,n'h)Cd-114	TALYS-6a	0 [8]	28
Sn-117m(n,4n)Sn-114	TALYS-6a	0	23
Sn-117m(n,2np)In-115g	TALYS-6a	0	30
Sn-117m(n,2np)In-115m	TALYS-6a	0	29
Sn-117m(n,3np)In-114g	TALYS-6a	0	21
Sn-117m(n,3np)In-114m	TALYS-6a	0	21
Sn-117m(n,n'2p)Cd-115g	TALYS-6a	0	26
Sn-117m(n,n'2p)Cd-115m	TALYS-6a	0	26
Sn-117m(n,n'pa)Ag-112	TALYS-6a	0 [8]	26
Sn-117m(n,g)Sn-118	JEF-2.2	0 [13]	4755
Sn-117m(n,p)In-117g	TALYS-6a	0 [2]	81
Sn-117m(n,p)In-117m	TALYS-6a	0 [2]	79
Sn-117m(n,d)In-116g	TALYS-6a	0	45
Sn-117m(n,d)In-116m	TALYS-6a	0	45
Sn-117m(n,d)In-116n	TALYS-6a	0	45
Sn-117m(n,t)In-115g	TALYS-6a	0	44
Sn-117m(n,t)In-115m	TALYS-6a	0	43
Sn-117m(n,h)Cd-115g	TALYS-6a	0	35
Sn-117m(n,h)Cd-115m	TALYS-6a	0	35
Sn-117m(n,a)Cd-114	TALYS-6a	0 [9,2,3]	4671
Sn-117m(n,2a)Pd-110	TALYS-6a	0	100
Sn-117m(n,2p)Cd-116	TALYS-6a	0 [8]	40
Sn-117m(n,pa)Ag-113g	TALYS-6a	0	40
Sn-117m(n,pa)Ag-113m	TALYS-6a	0	40
Sn-117m(n,pd)Cd-115g	TALYS-6a	0	28
Sn-117m(n,pd)Cd-115m	TALYS-6a	0	28
Sn-117m(n,pt)Cd-114	TALYS-6a	0 [8]	28
Sn-117m(n,da)Ag-112	TALYS-6a	0 [8]	28
Sn-117m(n,5n)Sn-113g	TALYS-6a	0	14
Sn-117m(n,5n)Sn-113m	TALYS-6a	0	14
Sn-117m(n,6n)Sn-112	TALYS-6a	0	10
Sn-117m(n,2nt)In-113g	TALYS-6a	0	21
Sn-117m(n,2nt)In-113m	TALYS-6a	0	21
Sn-117m(n,ta)Ag-111g	TALYS-6a	0	28
Sn-117m(n,ta)Ag-111m	TALYS-6a	0	28
Sn-117m(n,4np)In-113g	TALYS-6a	0	15
Sn-117m(n,4np)In-113m	TALYS-6a	0	15
Sn-117m(n,3nd)In-113g	TALYS-6a	0	16
Sn-117m(n,3nd)In-113m	TALYS-6a	0	16
Sn-117m(n,n'da)Ag-111g	TALYS-6a	0	22
Sn-117m(n,n'da)Ag-111m	TALYS-6a	0	22
Sn-117m(n,2npa)Ag-111g	TALYS-6a	0	20
Sn-117m(n,2npa)Ag-111m	TALYS-6a	0	20
Sn-117m(n,7n)Sn-111	TALYS-6a	0	5
Sn-117m(n,5np)In-112g	TALYS-6a	0	10
Sn-117m(n,5np)In-112m	TALYS-6a	0	10
Sn-117m(n,6np)In-111g	TALYS-6a	0	6
Sn-117m(n,6np)In-111m	TALYS-6a	0	6
Sn-117m(n,4na)Cd-110	TALYS-6a	0 [8]	16
Sn-117m(n,5na)Cd-109	TALYS-6a	0 [8]	11
Sn-117m(n,6na)Cd-108	TALYS-6a	0 [8]	7
Sn-117m(n,4nd)In-112g	TALYS-6a	0	11
Sn-117m(n,4nd)In-112m	TALYS-6a	0	11
Sn-117m(n,5nd)In-111g	TALYS-6a	0	7
Sn-117m(n,5nd)In-111m	TALYS-6a	0	7
Sn-117m(n,3nt)In-112g	TALYS-6a	0	14
Sn-117m(n,3nt)In-112m	TALYS-6a	0	14
Sn-117m(n,4nt)In-111g	TALYS-6a	0	10
Sn-117m(n,4nt)In-111m	TALYS-6a	0	10
Sn-117m(n,5nt)In-110g	TALYS-6a	0	5
Sn-117m(n,5nt)In-110m	TALYS-6a	0	5
Sn-117m(n,2nh)Cd-113g	TALYS-6a	0	19
Sn-117m(n,2nh)Cd-113m	TALYS-6a	0	18
Sn-117m(n,3nh)Cd-112	TALYS-6a	0 [8]	14
Sn-117m(n,4nh)Cd-111g	TALYS-6a	0	10
Sn-117m(n,4nh)Cd-111m	TALYS-6a	0	10
Sn-117m(n,3n2p)Cd-113g	TALYS-6a	0	14
Sn-117m(n,3n2p)Cd-113m	TALYS-6a	0	14
Sn-117m(n,3n2a)Pd-107g	TALYS-6a	0	14
Sn-117m(n,3n2a)Pd-107m	TALYS-6a	0	15
Sn-117m(n,3npa)Ag-110g	TALYS-6a	0	14
Sn-117m(n,3npa)Ag-110m	TALYS-6a	0	14
Sn-117m(n,n'pd)Cd-114	TALYS-6a	0 [8]	22
Sn-117m(n,n'pt)Cd-113g	TALYS-6a	0	19
Sn-117m(n,n'pt)Cd-113m	TALYS-6a	0	19
Sn-117m(n,n'dt)Cd-112	TALYS-6a	0 [8]	15
Sn-117m(n,n'ph)Ag-113g	TALYS-6a	0	15
Sn-117m(n,n'ph)Ag-113m	TALYS-6a	0	15
Sn-117m(n,n'ta)Ag-110g	TALYS-6a	0	18
Sn-117m(n,n'ta)Ag-110m	TALYS-6a	0	18
Sn-117m(n,2n2p)Cd-114	TALYS-6a	0 [8]	21
Sn-117m(n,4n2p)Cd-112	TALYS-6a	0 [8]	11
Sn-117m(n,4n2a)Pd-106	TALYS-6a	0 [8]	11
Sn-117m(n,4npa)Ag-109g	TALYS-6a	0	10
Sn-117m(n,4npa)Ag-109m	TALYS-6a	0	10
Sn-118(n,2nd)In-115g	TALYS-6a	0	22
Sn-118(n,2nd)In-115m	TALYS-6a	0	22
Sn-118(n,2n)Sn-117g	TALYS-6a	0	43
Sn-118(n,2n)Sn-117m	ADL-3	5 [13,3]	45
Sn-118(n,3n)Sn-116	TALYS-6a	0	30
Sn-118(n,n'a)Cd-114	TALYS-6a	0 [8]	50
Sn-118(n,2na)Cd-113g	TALYS-6a	0	30
Sn-118(n,2na)Cd-113m	TALYS-6a	0	30
Sn-118(n,3na)Cd-112	TALYS-6a	0 [8]	23
Sn-118(n,n'p)In-117g	TALYS-6a	0	40
Sn-118(n,n'p)In-117m	TALYS-6a	0	39
Sn-118(n,n'2a)Pd-110	TALYS-6a	0 [8]	28
Sn-118(n,2n2a)Pd-109g	TALYS-6a	0	18
Sn-118(n,2n2a)Pd-109m	TALYS-6a	0	18
Sn-118(n,n'd)In-116g	TALYS-6a	0	29
Sn-118(n,n'd)In-116m	TALYS-6a	0	28
Sn-118(n,n'd)In-116n	TALYS-6a	0	28
Sn-118(n,n't)In-115g	TALYS-6a	0	28
Sn-118(n,n't)In-115m	TALYS-6a	0	27
Sn-118(n,n'h)Cd-115g	TALYS-6a	0	24
Sn-118(n,n'h)Cd-115m	TALYS-6a	0	24
Sn-118(n,4n)Sn-115	TALYS-6a	0	20
Sn-118(n,2np)In-116g	TALYS-6a	0	27
Sn-118(n,2np)In-116m	TALYS-6a	0	27
Sn-118(n,2np)In-116n	TALYS-6a	0	27
Sn-118(n,3np)In-115g	TALYS-6a	0	20
Sn-118(n,3np)In-115m	TALYS-6a	0	20
Sn-118(n,n'2p)Cd-116	TALYS-6a	0 [8]	26
Sn-118(n,n'pa)Ag-113g	TALYS-6a	0	25
Sn-118(n,n'pa)Ag-113m	TALYS-6a	0	26
Sn-118(n,g)Sn-119g	JENDL-3.2	4 [13,4,6]	7623
Sn-118(n,g)Sn-119m	JENDL-3.2	2 [13,4,6]	7623
Sn-118(n,p)In-118g	TALYS-5	2	67
Sn-118(n,p)In-118m	TALYS-5	6 [3,7,8]	64
Sn-118(n,p)In-118n	TALYS-5	2	63
Sn-118(n,d)In-117g	TALYS-6a	0	44
Sn-118(n,d)In-117m	TALYS-6a	0	43
Sn-118(n,t)In-116g	TALYS-6a	0	38
Sn-118(n,t)In-116m	TALYS-6a	0	38
Sn-118(n,t)In-116n	TALYS-6a	0	37
Sn-118(n,h)Cd-116	TALYS-6a	0 [8]	34
Sn-118(n,a)Cd-115g	TALYS-5a	5	100
Sn-118(n,a)Cd-115m	TALYS-5a	4 [3]	100
Sn-118(n,2p)Cd-117g	TALYS-6a	0	31
Sn-118(n,2p)Cd-117m	TALYS-6a	0	31
Sn-118(n,pa)Ag-114g	TALYS-6a	0 [4,8]	31
Sn-118(n,pa)Ag-114m	TALYS-6a	0 [4,7,8,8]	30
Sn-118(n,pd)Cd-116	TALYS-6a	0 [8]	27
Sn-118(n,pt)Cd-115g	TALYS-6a	0	24
Sn-118(n,pt)Cd-115m	TALYS-6a	0	24
Sn-118(n,da)Ag-113g	TALYS-6a	0	27
Sn-118(n,da)Ag-113m	TALYS-6a	0	27
Sn-118(n,5n)Sn-114	TALYS-6a	0	15
Sn-118(n,6n)Sn-113g	TALYS-6a	0	9
Sn-118(n,6n)Sn-113m	TALYS-6a	0	9
Sn-118(n,2nt)In-114g	TALYS-6a	0	19
Sn-118(n,2nt)In-114m	TALYS-6a	0	18
Sn-118(n,ta)Ag-112	TALYS-6a	0 [8]	24
Sn-118(n,4np)In-114g	TALYS-6a	0	14
Sn-118(n,4np)In-114m	TALYS-6a	0	14
Sn-118(n,3nd)In-114g	TALYS-6a	0	15
Sn-118(n,3nd)In-114m	TALYS-6a	0	15
Sn-118(n,n'da)Ag-112	TALYS-6a	0 [8]	18
Sn-118(n,2npa)Ag-112	TALYS-6a	0 [8]	16
Sn-118(n,7n)Sn-112	TALYS-6a	0	6
Sn-118(n,5np)In-113g	TALYS-6a	0	10
Sn-118(n,5np)In-113m	TALYS-6a	0	10
Sn-118(n,6np)In-112g	TALYS-6a	0	5
Sn-118(n,6np)In-112m	TALYS-6a	0	5
Sn-118(n,4na)Cd-111g	TALYS-6a	0	15
Sn-118(n,4na)Cd-111m	TALYS-6a	0	15
Sn-118(n,5na)Cd-110	TALYS-6a	0 [8]	11
Sn-118(n,6na)Cd-109	TALYS-6a	0 [8]	6
Sn-118(n,4nd)In-113g	TALYS-6a	0	11
Sn-118(n,4nd)In-113m	TALYS-6a	0	11
Sn-118(n,5nd)In-112g	TALYS-6a	0	6
Sn-118(n,5nd)In-112m	TALYS-6a	0	6
Sn-118(n,3nt)In-113g	TALYS-6a	0	14
Sn-118(n,3nt)In-113m	TALYS-6a	0	14
Sn-118(n,4nt)In-112g	TALYS-6a	0	9
Sn-118(n,4nt)In-112m	TALYS-6a	0	9
Sn-118(n,5nt)In-111g	TALYS-6a	0	5
Sn-118(n,5nt)In-111m	TALYS-6a	0	5
Sn-118(n,2nh)Cd-114	TALYS-6a	0 [8]	18
Sn-118(n,3nh)Cd-113g	TALYS-6a	0	13
Sn-118(n,3nh)Cd-113m	TALYS-6a	0	13
Sn-118(n,4nh)Cd-112	TALYS-6a	0 [8]	9
Sn-118(n,3n2p)Cd-114	TALYS-6a	0 [8]	14
Sn-118(n,3n2a)Pd-108	TALYS-6a	0 [8]	14
Sn-118(n,3npa)Ag-111g	TALYS-6a	0	13
Sn-118(n,3npa)Ag-111m	TALYS-6a	0	13
Sn-118(n,n'pd)Cd-115g	TALYS-6a	0	18
Sn-118(n,n'pd)Cd-115m	TALYS-6a	0	18
Sn-118(n,n'pt)Cd-114	TALYS-6a	0 [8]	18
Sn-118(n,n'dt)Cd-113g	TALYS-6a	0	13
Sn-118(n,n'dt)Cd-113m	TALYS-6a	0	13
Sn-118(n,n'ph)Ag-114g	TALYS-6a	0 [4,8]	13
Sn-118(n,n'ph)Ag-114m	TALYS-6a	0 [4,7,8,8]	12
Sn-118(n,n'ta)Ag-111g	TALYS-6a	0	17
Sn-118(n,n'ta)Ag-111m	TALYS-6a	0	17
Sn-118(n,2n2p)Cd-115g	TALYS-6a	0	17
Sn-118(n,2n2p)Cd-115m	TALYS-6a	0	16
Sn-118(n,4n2p)Cd-113g	TALYS-6a	0	9
Sn-118(n,4n2p)Cd-113m	TALYS-6a	0	9
Sn-118(n,4n2a)Pd-107g	TALYS-6a	0	9
Sn-118(n,4n2a)Pd-107m	TALYS-6a	0	9
Sn-118(n,4npa)Ag-110g	TALYS-6a	0	9
Sn-118(n,4npa)Ag-110m	TALYS-6a	0	9
Sn-119(n,n')Sn-119m	TALYS-6a	0	90
Sn-119(n,2nd)In-116g	TALYS-6a	0	22
Sn-119(n,2nd)In-116m	TALYS-6a	0	22
Sn-119(n,2nd)In-116n	TALYS-6a	0	22
Sn-119(n,2n)Sn-118	TALYS-6a	0	53
Sn-119(n,3n)Sn-117g	TALYS-6a	0	31
Sn-119(n,3n)Sn-117m	TALYS-6a	0	30
Sn-119(n,n'a)Cd-115g	TALYS-6a	0	48
Sn-119(n,n'a)Cd-115m	TALYS-6a	0	47
Sn-119(n,2na)Cd-114	TALYS-6a	0 [8]	34
Sn-119(n,3na)Cd-113g	TALYS-6a	0	23
Sn-119(n,3na)Cd-113m	TALYS-6a	0	23
Sn-119(n,n'p)In-118g	TALYS-6a	0	40
Sn-119(n,n'p)In-118m	TALYS-6a	0	40
Sn-119(n,n'p)In-118n	TALYS-6a	0	39
Sn-119(n,n'2a)Pd-111g	TALYS-6a	0	26
Sn-119(n,n'2a)Pd-111m	TALYS-6a	0	26
Sn-119(n,2n2a)Pd-110	TALYS-6a	0 [8]	20
Sn-119(n,n'd)In-117g	TALYS-6a	0	31

Reaction	Library	Flag	Refs	Value
Sn-119(n,n'd)In-117m	TALYS-6a	0		31
Sn-119(n,n't)In-116g	TALYS-6a	0		28
Sn-119(n,n't)In-116m	TALYS-6a	0		28
Sn-119(n,n't)In-116n	TALYS-6a	0		28
Sn-119(n,n'h)Cd-116	TALYS-6a	0	[8]	26
Sn-119(n,4n)Sn-116	TALYS-6a	0		24
Sn-119(n,2np)In-117g	TALYS-6a	0		29
Sn-119(n,2np)In-117m	TALYS-6a	0		29
Sn-119(n,3np)In-116g	TALYS-6a	0		20
Sn-119(n,3np)In-116m	TALYS-6a	0		20
Sn-119(n,3np)In-116n	TALYS-6a	0		20
Sn-119(n,n'2p)Cd-117g	TALYS-6a	0		25
Sn-119(n,n'2p)Cd-117m	TALYS-6a	0		25
Sn-119(n,n'pa)Ag-114g	TALYS-6a	0	[4,8]	24
Sn-119(n,n'pa)Ag-114m	TALYS-6a	0	[4,7,8,8]	23
>Sn-119(n,g)Sn-120	ENDF/B-VII	4	[13,3]	6114
Sn-119(n,p)In-119g	EFF-2.4	4	[13,4,3,7,8]	560
Sn-119(n,p)In-119m	EFF-2.4	4	[13,4,7,8,3]	560
Sn-119(n,d)In-118g	TALYS-6a	0		43
Sn-119(n,d)In-118m	TALYS-6a	0		43
Sn-119(n,d)In-118n	TALYS-6a	0		43
Sn-119(n,t)In-117g	TALYS-6a	0		42
Sn-119(n,t)In-117m	TALYS-6a	0		42
Sn-119(n,h)Cd-117g	TALYS-6a	0		32
Sn-119(n,h)Cd-117m	TALYS-6a	0		33
Sn-119(n,a)Cd-116	TALYS-6a	0	[9,2,3]	2451
Sn-119(n,2p)Cd-118	TALYS-6a	0	[8]	35
Sn-119(n,pa)Ag-115g	TALYS-6a	0		34
Sn-119(n,pa)Ag-115m	TALYS-6a	0		35
Sn-119(n,pd)Cd-117g	TALYS-6a	0		26
Sn-119(n,pd)Cd-117m	TALYS-6a	0		26
Sn-119(n,pt)Cd-116	TALYS-6a	0	[8]	27
Sn-119(n,5n)Sn-115	TALYS-6a	0		15
Sn-119(n,6n)Sn-114	TALYS-6a	0		11
Sn-119(n,2nt)In-115g	TALYS-6a	0		21
Sn-119(n,2nt)In-115m	TALYS-6a	0		21
Sn-119(n,ta)Ag-113g	TALYS-6a	0		26
Sn-119(n,ta)Ag-113m	TALYS-6a	0		26
Sn-119(n,4np)In-115g	TALYS-6a	0		15
Sn-119(n,4np)In-115m	TALYS-6a	0		15
Sn-119(n,3nd)In-115g	TALYS-6a	0		16
Sn-119(n,3nd)In-115m	TALYS-6a	0		16
Sn-119(n,n'da)Ag-113g	TALYS-6a	0		20
Sn-119(n,n'da)Ag-113m	TALYS-6a	0		20
Sn-119(n,2npa)Ag-113g	TALYS-6a	0		19
Sn-119(n,2npa)Ag-113m	TALYS-6a	0		19
Sn-119(n,7n)Sn-113g	TALYS-6a	0		6
Sn-119(n,7n)Sn-113m	TALYS-6a	0		6
Sn-119(n,5np)In-114g	TALYS-6a	0		11
Sn-119(n,5np)In-114m	TALYS-6a	0		10
Sn-119(n,6np)In-113g	TALYS-6a	0		7
Sn-119(n,6np)In-113m	TALYS-6a	0		7
Sn-119(n,4na)Cd-112	TALYS-6a	0	[8]	16
Sn-119(n,5na)Cd-111g	TALYS-6a	0		12
Sn-119(n,5na)Cd-111m	TALYS-6a	0		11
Sn-119(n,6na)Cd-110	TALYS-6a	0	[8]	8
Sn-119(n,4nd)In-114g	TALYS-6a	0		11
Sn-119(n,4nd)In-114m	TALYS-6a	0		11
Sn-119(n,5nd)In-113g	TALYS-6a	0		8
Sn-119(n,5nd)In-113m	TALYS-6a	0		7
Sn-119(n,3nt)In-114g	TALYS-6a	0		14
Sn-119(n,3nt)In-114m	TALYS-6a	0		14
Sn-119(n,4nt)In-113g	TALYS-6a	0		10
Sn-119(n,4nt)In-113m	TALYS-6a	0		10
Sn-119(n,5nt)In-112g	TALYS-6a	0		6
Sn-119(n,5nt)In-112m	TALYS-6a	0		6
Sn-119(n,2nh)Cd-115g	TALYS-6a	0		18
Sn-119(n,2nh)Cd-115m	TALYS-6a	0		18
Sn-119(n,3nh)Cd-114	TALYS-6a	0	[8]	14
Sn-119(n,4nh)Cd-113g	TALYS-6a	0		10
Sn-119(n,4nh)Cd-113m	TALYS-6a	0		9
Sn-119(n,3n2p)Cd-115g	TALYS-6a	0		13
Sn-119(n,3n2p)Cd-115m	TALYS-6a	0		13
Sn-119(n,3n2a)Pd-109g	TALYS-6a	0		14
Sn-119(n,3n2a)Pd-109m	TALYS-6a	0		14
Sn-119(n,3npa)Ag-112	TALYS-6a	0	[8]	13
Sn-119(n,n'pd)Cd-116	TALYS-6a	0	[8]	21
Sn-119(n,n'pt)Cd-115g	TALYS-6a	0		17
Sn-119(n,n'pt)Cd-115m	TALYS-6a	0		18
Sn-119(n,n'dt)Cd-114	TALYS-6a	0	[8]	14
Sn-119(n,n'ta)Ag-112	TALYS-6a	0	[8]	17
Sn-119(n,2n2p)Cd-116	TALYS-6a	0	[8]	19
Sn-119(n,4n2p)Cd-114	TALYS-6a	0	[8]	10
Sn-119(n,4n2a)Pd-108	TALYS-6a	0	[8]	11
Sn-119(n,4npa)Ag-111g	TALYS-6a	0		10
Sn-119(n,4npa)Ag-111m	TALYS-6a	0		10
Sn-119m(n,n')Sn-119g	TALYS-6a	0	[8]	97
Sn-119m(n,2nd)In-116g	TALYS-6a	0		22
Sn-119m(n,2nd)In-116m	TALYS-6a	0		22
Sn-119m(n,2nd)In-116n	TALYS-6a	0		22
Sn-119m(n,2n)Sn-118	TALYS-6a	0		53
Sn-119m(n,3n)Sn-117g	TALYS-6a	0		31
Sn-119m(n,3n)Sn-117m	TALYS-6a	0		30
Sn-119m(n,n'a)Cd-115g	TALYS-6a	0		48
Sn-119m(n,n'a)Cd-115m	TALYS-6a	0		47
Sn-119m(n,2na)Cd-114	TALYS-6a	0	[8]	34
Sn-119m(n,3na)Cd-113g	TALYS-6a	0		23
Sn-119m(n,3na)Cd-113m	TALYS-6a	0		23
Sn-119m(n,n'p)In-118g	TALYS-6a	0		40
Sn-119m(n,n'p)In-118m	TALYS-6a	0		40
Sn-119m(n,n'p)In-118n	TALYS-6a	0		39
Sn-119m(n,n'2a)Pd-111g	TALYS-6a	0		26
Sn-119m(n,n'2a)Pd-111m	TALYS-6a	0		26
Sn-119m(n,2n2a)Pd-110	TALYS-6a	0	[8]	21
Sn-119m(n,n'd)In-117g	TALYS-6a	0		31
Sn-119m(n,n'd)In-117m	TALYS-6a	0		31
Sn-119m(n,n't)In-116g	TALYS-6a	0		28
Sn-119m(n,n't)In-116m	TALYS-6a	0		28
Sn-119m(n,n't)In-116n	TALYS-6a	0		28
Sn-119m(n,n'h)Cd-116	TALYS-6a	0	[8]	26
Sn-119m(n,4n)Sn-116	TALYS-6a	0		24
Sn-119m(n,2np)In-117g	TALYS-6a	0		29
Sn-119m(n,2np)In-117m	TALYS-6a	0		29
Sn-119m(n,3np)In-116g	TALYS-6a	0		20
Sn-119m(n,3np)In-116m	TALYS-6a	0		20
Sn-119m(n,3np)In-116n	TALYS-6a	0		20
Sn-119m(n,n'2p)Cd-117g	TALYS-6a	0		25
Sn-119m(n,n'2p)Cd-117m	TALYS-6a	0		25
Sn-119m(n,n'pa)Ag-114g	TALYS-6a	0	[4,8]	24
Sn-119m(n,n'pa)Ag-114m	TALYS-6a	0	[4,7,8,8]	23
>Sn-119m(n,g)Sn-120	JEF-2.2	0	[13]	2451
Sn-119m(n,p)In-119g	TALYS-6a	0	[2]	75
Sn-119m(n,p)In-119m	TALYS-6a	0	[2]	73
Sn-119m(n,d)In-118g	TALYS-6a	0		43
Sn-119m(n,d)In-118m	TALYS-6a	0		43
Sn-119m(n,d)In-118n	TALYS-6a	0		43
Sn-119m(n,t)In-117g	TALYS-6a	0		43
Sn-119m(n,t)In-117m	TALYS-6a	0		42
Sn-119m(n,h)Cd-117g	TALYS-6a	0		31
Sn-119m(n,h)Cd-117m	TALYS-6a	0		32
Sn-119m(n,a)Cd-116	TALYS-6a	0	[9,2,3]	2451
Sn-119m(n,2p)Cd-118	TALYS-6a	0	[8]	35
Sn-119m(n,pa)Ag-115g	TALYS-6a	0		34
Sn-119m(n,pa)Ag-115m	TALYS-6a	0		35
Sn-119m(n,pd)Cd-117g	TALYS-6a	0		26
Sn-119m(n,pd)Cd-117m	TALYS-6a	0		26
Sn-119m(n,pt)Cd-116	TALYS-6a	0	[8]	27
Sn-119m(n,da)Ag-114g	TALYS-6a	0	[4,8]	25
Sn-119m(n,da)Ag-114m	TALYS-6a	0	[4,7,8,8]	24
Sn-119m(n,5n)Sn-115	TALYS-6a	0		15
Sn-119m(n,6n)Sn-114	TALYS-6a	0		11
Sn-119m(n,2nt)In-115g	TALYS-6a	0		21
Sn-119m(n,2nt)In-115m	TALYS-6a	0		21
Sn-119m(n,ta)Ag-113g	TALYS-6a	0		26
Sn-119m(n,ta)Ag-113m	TALYS-6a	0		27
Sn-119m(n,4np)In-115g	TALYS-6a	0		15
Sn-119m(n,4np)In-115m	TALYS-6a	0		15
Sn-119m(n,3nd)In-115g	TALYS-6a	0		16
Sn-119m(n,3nd)In-115m	TALYS-6a	0		16
Sn-119m(n,n'da)Ag-113g	TALYS-6a	0		20
Sn-119m(n,n'da)Ag-113m	TALYS-6a	0		20
Sn-119m(n,2npa)Ag-113g	TALYS-6a	0		19
Sn-119m(n,2npa)Ag-113m	TALYS-6a	0		19
Sn-119m(n,7n)Sn-113g	TALYS-6a	0		6
Sn-119m(n,7n)Sn-113m	TALYS-6a	0		6
Sn-119m(n,5np)In-114g	TALYS-6a	0		11
Sn-119m(n,5np)In-114m	TALYS-6a	0		11
Sn-119m(n,6np)In-113g	TALYS-6a	0		7
Sn-119m(n,6np)In-113m	TALYS-6a	0		7
Sn-119m(n,4na)Cd-112	TALYS-6a	0	[8]	17
Sn-119m(n,5na)Cd-111g	TALYS-6a	0		12
Sn-119m(n,5na)Cd-111m	TALYS-6a	0		12
Sn-119m(n,6na)Cd-110	TALYS-6a	0	[8]	8
Sn-119m(n,4nd)In-114g	TALYS-6a	0		11
Sn-119m(n,4nd)In-114m	TALYS-6a	0		11
Sn-119m(n,5nd)In-113g	TALYS-6a	0		8
Sn-119m(n,5nd)In-113m	TALYS-6a	0		8
Sn-119m(n,3nt)In-114g	TALYS-6a	0		14
Sn-119m(n,3nt)In-114m	TALYS-6a	0		14
Sn-119m(n,4nt)In-113g	TALYS-6a	0		11
Sn-119m(n,4nt)In-113m	TALYS-6a	0		10
Sn-119m(n,5nt)In-112g	TALYS-6a	0		6
Sn-119m(n,5nt)In-112m	TALYS-6a	0		6
Sn-119m(n,2nh)Cd-115g	TALYS-6a	0		18
Sn-119m(n,2nh)Cd-115m	TALYS-6a	0		18
Sn-119m(n,3nh)Cd-114	TALYS-6a	0	[8]	14
Sn-119m(n,4nh)Cd-113g	TALYS-6a	0		10
Sn-119m(n,4nh)Cd-113m	TALYS-6a	0		10
Sn-119m(n,3n2p)Cd-115g	TALYS-6a	0		13
Sn-119m(n,3n2p)Cd-115m	TALYS-6a	0		13
Sn-119m(n,3n2a)Pd-109g	TALYS-6a	0		14
Sn-119m(n,3n2a)Pd-109m	TALYS-6a	0		14
Sn-119m(n,3npa)Ag-112	TALYS-6a	0	[8]	13
Sn-119m(n,n'pd)Cd-116	TALYS-6a	0	[8]	21
Sn-119m(n,n'pt)Cd-115g	TALYS-6a	0		18
Sn-119m(n,n'pt)Cd-115m	TALYS-6a	0		18
Sn-119m(n,n'dt)Cd-114	TALYS-6a	0	[8]	14
Sn-119m(n,n'ta)Ag-112	TALYS-6a	0	[8]	17
Sn-119m(n,2n2p)Cd-116	TALYS-6a	0	[8]	19
Sn-119m(n,4n2p)Cd-114	TALYS-6a	0	[8]	10
Sn-119m(n,4n2a)Pd-108	TALYS-6a	0	[8]	11
Sn-119m(n,4npa)Ag-111g	TALYS-6a	0		10
Sn-119m(n,4npa)Ag-111m	TALYS-6a	0		10
Sn-120(n,2nd)In-117g	TALYS-6a	0		22
Sn-120(n,2nd)In-117m	TALYS-6a	0		21
Sn-120(n,2n)Sn-119g	TALYS-6a	0		43
Sn-120(n,2n)Sn-119m	TALYS-5a	6	[3]	43
Sn-120(n,3n)Sn-118	TALYS-6a	0		31
Sn-120(n,n'a)Cd-116	TALYS-6a	0	[8]	46
Sn-120(n,2na)Cd-115g	TALYS-6a	0		29
Sn-120(n,2na)Cd-115m	TALYS-6a	0		29
Sn-120(n,3na)Cd-114	TALYS-6a	0	[8]	23
Sn-120(n,n'p)In-119g	TALYS-6a	0		39
Sn-120(n,n'p)In-119m	TALYS-6a	0		38
Sn-120(n,n'2a)Pd-112	TALYS-6a	0	[8]	25
Sn-120(n,2n2a)Pd-111g	TALYS-6a	0		16
Sn-120(n,2n2a)Pd-111m	TALYS-6a	0		16
Sn-120(n,n'd)In-118g	TALYS-6a	0		28
Sn-120(n,n'd)In-118m	TALYS-6a	0		28
Sn-120(n,n'd)In-118n	TALYS-6a	0		28
Sn-120(n,n't)In-117g	TALYS-6a	0		28
Sn-120(n,n't)In-117m	TALYS-6a	0		27
Sn-120(n,n'h)Cd-117g	TALYS-6a	0		23
Sn-120(n,n'h)Cd-117m	TALYS-6a	0		23
Sn-120(n,4n)Sn-117g	TALYS-6a	0		21
Sn-120(n,4n)Sn-117m	TALYS-6a	0		21
Sn-120(n,2np)In-118g	TALYS-6a	0		26
Sn-120(n,2np)In-118m	TALYS-6a	0		26

Reaction	Library		Refs	Value
Sn-120(n,2np)In-118n	TALYS-6a	0		26
Sn-120(n,3np)In-117g	TALYS-6a	0		20
Sn-120(n,3np)In-117m	TALYS-6a	0		20
Sn-120(n,n'2p)Cd-118	TALYS-6a	0	[8]	24
Sn-120(n,n'pa)Ag-115g	TALYS-6a	0		23
Sn-120(n,n'pa)Ag-115m	TALYS-6a	0		23
Sn-120(n,g)Sn-121g	JEF-2.2	4	[14,13,4,6]	12750
Sn-120(n,g)Sn-121m	JEF-2.2	2	[14,13,4,6]	12750
Sn-120(n,p)In-120g	EFF-2.4	2	[13,4,3,7,8]	460
Sn-120(n,p)In-120m	EFF-2.4	5	[13,4,7,8,3]	460
Sn-120(n,p)In-120n	EFF-2.4	2	[13,4,7,8,3]	460
Sn-120(n,d)In-119g	TALYS-6a	0		42
Sn-120(n,d)In-119m	TALYS-6a	0		42
Sn-120(n,t)In-118g	TALYS-6a	0		37
Sn-120(n,t)In-118m	TALYS-6a	0		37
Sn-120(n,t)In-118n	TALYS-6a	0		36
Sn-120(n,h)Cd-118	TALYS-6a	0	[8]	31
Sn-120(n,a)Cd-117g	TALYS-5a	5	[3]	100
Sn-120(n,a)Cd-117m	TALYS-5a	5	[3]	100
Sn-120(n,2p)Cd-119g	TALYS-6a	0		29
Sn-120(n,2p)Cd-119m	TALYS-6a	0		29
Sn-120(n,pd)Cd-118	TALYS-6a	0	[8]	26
Sn-120(n,5n)Sn-116	TALYS-6a	0		15
Sn-120(n,6n)Sn-115	TALYS-6a	0		11
Sn-120(n,2nt)In-116g	TALYS-6a	0		19
Sn-120(n,2nt)In-116m	TALYS-6a	0		19
Sn-120(n,2nt)In-116n	TALYS-6a	0		18
Sn-120(n,4np)In-116g	TALYS-6a	0		14
Sn-120(n,4np)In-116m	TALYS-6a	0		14
Sn-120(n,4np)In-116n	TALYS-6a	0		14
Sn-120(n,3nd)In-116g	TALYS-6a	0		15
Sn-120(n,3nd)In-116m	TALYS-6a	0		15
Sn-120(n,3nd)In-116n	TALYS-6a	0		15
Sn-120(n,n'da)Ag-114g	TALYS-6a	0	[4,8]	16
Sn-120(n,n'da)Ag-114m	TALYS-6a	0	[4,7,8,8]	15
Sn-120(n,2npa)Ag-114g	TALYS-6a	0	[4,8]	16
Sn-120(n,2npa)Ag-114m	TALYS-6a	0	[4,7,8,8]	15
Sn-120(n,7n)Sn-114	TALYS-6a	0		7
Sn-120(n,5np)In-115g	TALYS-6a	0		11
Sn-120(n,5np)In-115m	TALYS-6a	0		10
Sn-120(n,6np)In-114g	TALYS-6a	0		6
Sn-120(n,6np)In-114m	TALYS-6a	0		6
Sn-120(n,4na)Cd-113g	TALYS-6a	0		15
Sn-120(n,4na)Cd-113m	TALYS-6a	0		15
Sn-120(n,5na)Cd-112	TALYS-6a	0	[8]	12
Sn-120(n,6na)Cd-111g	TALYS-6a	0		7
Sn-120(n,6na)Cd-111m	TALYS-6a	0		7
Sn-120(n,4nd)In-115g	TALYS-6a	0		11
Sn-120(n,4nd)In-115m	TALYS-6a	0		11
Sn-120(n,5nd)In-114g	TALYS-6a	0		7
Sn-120(n,5nd)In-114m	TALYS-6a	0		7
Sn-120(n,3nt)In-115g	TALYS-6a	0		14
Sn-120(n,3nt)In-115m	TALYS-6a	0		14
Sn-120(n,4nt)In-114g	TALYS-6a	0		10
Sn-120(n,4nt)In-114m	TALYS-6a	0		9
Sn-120(n,5nt)In-113g	TALYS-6a	0		6
Sn-120(n,5nt)In-113m	TALYS-6a	0		6
Sn-120(n,2nh)Cd-116	TALYS-6a	0	[8]	17
Sn-120(n,3nh)Cd-115g	TALYS-6a	0		13
Sn-120(n,3nh)Cd-115m	TALYS-6a	0		13
Sn-120(n,4nh)Cd-114	TALYS-6a	0	[8]	10
Sn-120(n,3n2p)Cd-116	TALYS-6a	0	[8]	13
Sn-120(n,3n2a)Pd-110	TALYS-6a	0	[8]	13
Sn-120(n,3npa)Ag-113g	TALYS-6a	0		13
Sn-120(n,3npa)Ag-113m	TALYS-6a	0		13
Sn-120(n,n'pd)Cd-117g	TALYS-6a	0		17
Sn-120(n,n'pd)Cd-117m	TALYS-6a	0		17
Sn-120(n,n'pt)Cd-116	TALYS-6a	0	[8]	17
Sn-120(n,n'dt)Cd-115g	TALYS-6a	0		13
Sn-120(n,n'dt)Cd-115m	TALYS-6a	0		13
Sn-120(n,n'ta)Ag-113g	TALYS-6a	0		16
Sn-120(n,n'ta)Ag-113m	TALYS-6a	0		17
Sn-120(n,2n2p)Cd-117g	TALYS-6a	0		16
Sn-120(n,2n2p)Cd-117m	TALYS-6a	0		16
Sn-120(n,4n2p)Cd-115g	TALYS-6a	0		9
Sn-120(n,4n2p)Cd-115m	TALYS-6a	0		9
Sn-120(n,4n2a)Pd-109g	TALYS-6a	0		9
Sn-120(n,4n2a)Pd-109m	TALYS-6a	0		9
Sn-120(n,4npa)Ag-112	TALYS-6a	0	[8]	9
Sn-121(n,n')Sn-121m	TALYS-6a	0		93
Sn-121(n,2nd)In-118g	TALYS-6a	0		22
Sn-121(n,2nd)In-118m	TALYS-6a	0		22
Sn-121(n,2nd)In-118n	TALYS-6a	0		22
Sn-121(n,2n)Sn-120	TALYS-6a	0		54
Sn-121(n,3n)Sn-119g	TALYS-6a	0		31
Sn-121(n,3n)Sn-119m	TALYS-6a	0		31
Sn-121(n,n'a)Cd-117g	TALYS-6a	0		44
Sn-121(n,n'a)Cd-117m	TALYS-6a	0		45
Sn-121(n,2na)Cd-116	TALYS-6a	0	[8]	33
Sn-121(n,3na)Cd-115g	TALYS-6a	0		23
Sn-121(n,3na)Cd-115m	TALYS-6a	0		23
Sn-121(n,n'p)In-120g	TALYS-6a	0	[4]	38
Sn-121(n,n'p)In-120m	TALYS-6a	0	[4,7,8]	38
Sn-121(n,n'p)In-120n	TALYS-6a	0	[4,7,8]	37
Sn-121(n,n'2a)Pd-113g	TALYS-6a	0		24
Sn-121(n,n'2a)Pd-113m	TALYS-6a	0		24
Sn-121(n,2n2a)Pd-112	TALYS-6a	0	[8]	18
Sn-121(n,n'd)In-119g	TALYS-6a	0		31
Sn-121(n,n'd)In-119m	TALYS-6a	0		30
Sn-121(n,n't)In-118g	TALYS-6a	0		28
Sn-121(n,n't)In-118m	TALYS-6a	0		28
Sn-121(n,n't)In-118n	TALYS-6a	0		28
Sn-121(n,n'h)Cd-118	TALYS-6a	0	[8]	25
Sn-121(n,4n)Sn-118	TALYS-6a	0		25
Sn-121(n,2np)In-119g	TALYS-6a	0		29
Sn-121(n,2np)In-119m	TALYS-6a	0		28
Sn-121(n,3np)In-118g	TALYS-6a	0		20
Sn-121(n,3np)In-118m	TALYS-6a	0		20
Sn-121(n,3np)In-118n	TALYS-6a	0		20
Sn-121(n,n'2p)Cd-119g	TALYS-6a	0		23
Sn-121(n,n'2p)Cd-119m	TALYS-6a	0		23
Sn-121(n,n'pa)Ag-116g	TALYS-6a	0		22
Sn-121(n,n'pa)Ag-116m	TALYS-6a	0		22
Sn-121(n,g)Sn-122	MASGAM	2	[14,13]	83
Sn-121(n,p)In-121g	TALYS-6a	0	[2]	69
Sn-121(n,p)In-121m	TALYS-6a	0	[2]	68
Sn-121(n,d)In-120g	TALYS-6a	0	[4]	42
Sn-121(n,d)In-120m	TALYS-6a	0	[4,7,8]	42
Sn-121(n,d)In-120n	TALYS-6a	0	[4,7,8]	41
Sn-121(n,t)In-119g	TALYS-6a	0		42
Sn-121(n,t)In-119m	TALYS-6a	0		41
Sn-121(n,h)Cd-119g	TALYS-6a	0		30
Sn-121(n,h)Cd-119m	TALYS-6a	0		30
Sn-121(n,a)Cd-118	TALYS-6a	0	[2]	100
Sn-121(n,2p)Cd-120	TALYS-6a	0	[8]	31
Sn-121(n,pd)Cd-119g	TALYS-6a	0		24
Sn-121(n,pd)Cd-119m	TALYS-6a	0		24
Sn-121(n,5n)Sn-117g	TALYS-6a	0		16
Sn-121(n,5n)Sn-117m	TALYS-6a	0		16
Sn-121(n,6n)Sn-116	TALYS-6a	0		12
Sn-121(n,2nt)In-117g	TALYS-6a	0		21
Sn-121(n,2nt)In-117m	TALYS-6a	0		21
Sn-121(n,4np)In-117g	TALYS-6a	0		15
Sn-121(n,4np)In-117m	TALYS-6a	0		15
Sn-121(n,3nd)In-117g	TALYS-6a	0		16
Sn-121(n,3nd)In-117m	TALYS-6a	0		16
Sn-121(n,n'da)Ag-115g	TALYS-6a	0		18
Sn-121(n,n'da)Ag-115m	TALYS-6a	0		18
Sn-121(n,2npa)Ag-115g	TALYS-6a	0		17
Sn-121(n,2npa)Ag-115m	TALYS-6a	0		17
Sn-121(n,7n)Sn-115	TALYS-6a	0	[8]	7
Sn-121(n,8n)Sn-114	TALYS-6a	0		4
Sn-121(n,5np)In-116g	TALYS-6a	0		11
Sn-121(n,5np)In-116m	TALYS-6a	0		11
Sn-121(n,5np)In-116n	TALYS-6a	0		11
Sn-121(n,6np)In-115g	TALYS-6a	0		8
Sn-121(n,6np)In-115m	TALYS-6a	0		7
Sn-121(n,4na)Cd-114	TALYS-6a	0	[8]	17
Sn-121(n,5na)Cd-113g	TALYS-6a	0		12
Sn-121(n,5na)Cd-113m	TALYS-6a	0		12
Sn-121(n,6na)Cd-112	TALYS-6a	0	[8]	8
Sn-121(n,4nd)In-116g	TALYS-6a	0		12
Sn-121(n,4nd)In-116m	TALYS-6a	0		12
Sn-121(n,4nd)In-116n	TALYS-6a	0		12
Sn-121(n,5nd)In-115g	TALYS-6a	0		8
Sn-121(n,5nd)In-115m	TALYS-6a	0		8
Sn-121(n,3nt)In-116g	TALYS-6a	0		14
Sn-121(n,3nt)In-116m	TALYS-6a	0		14
Sn-121(n,3nt)In-116n	TALYS-6a	0		14
Sn-121(n,4nt)In-115g	TALYS-6a	0		11
Sn-121(n,4nt)In-115m	TALYS-6a	0		11
Sn-121(n,5nt)In-114g	TALYS-6a	0		6
Sn-121(n,5nt)In-114m	TALYS-6a	0		6
Sn-121(n,2nh)Cd-117g	TALYS-6a	0		17
Sn-121(n,2nh)Cd-117m	TALYS-6a	0		17
Sn-121(n,3nh)Cd-116	TALYS-6a	0	[8]	14
Sn-121(n,4nh)Cd-115g	TALYS-6a	0		10
Sn-121(n,4nh)Cd-115m	TALYS-6a	0		10
Sn-121(n,3n2p)Cd-117g	TALYS-6a	0		13
Sn-121(n,3n2p)Cd-117m	TALYS-6a	0		13
Sn-121(n,3n2a)Pd-111g	TALYS-6a	0		13
Sn-121(n,3n2a)Pd-111m	TALYS-6a	0		13
Sn-121(n,3npa)Ag-114g	TALYS-6a	0	[4,8]	12
Sn-121(n,3npa)Ag-114m	TALYS-6a	0	[4,7,8,8]	11
Sn-121(n,n'pd)Cd-118	TALYS-6a	0	[8]	19
Sn-121(n,n'pt)Cd-117g	TALYS-6a	0		17
Sn-121(n,n'pt)Cd-117m	TALYS-6a	0		17
Sn-121(n,n'dt)Cd-116	TALYS-6a	0	[8]	14
Sn-121(n,n'ta)Ag-114g	TALYS-6a	0	[4,8]	16
Sn-121(n,n'ta)Ag-114m	TALYS-6a	0	[4,7,8,8]	15
Sn-121(n,2n2p)Cd-118	TALYS-6a	0	[8]	17
Sn-121(n,4n2p)Cd-116	TALYS-6a	0	[8]	10
Sn-121(n,4n2a)Pd-110	TALYS-6a	0	[8]	10
Sn-121(n,4npa)Ag-113g	TALYS-6a	0		9
Sn-121(n,4npa)Ag-113m	TALYS-6a	0		10
Sn-121m(n,n')Sn-121g	TALYS-6a	0	[8,8,8]	97
Sn-121m(n,2nd)In-118g	TALYS-6a	0		22
Sn-121m(n,2nd)In-118m	TALYS-6a	0		22
Sn-121m(n,2nd)In-118n	TALYS-6a	0		22
Sn-121m(n,2n)Sn-120	TALYS-6a	0		54
Sn-121m(n,3n)Sn-119g	TALYS-6a	0		31
Sn-121m(n,3n)Sn-119m	TALYS-6a	0		31
Sn-121m(n,n'a)Cd-117g	TALYS-6a	0		44
Sn-121m(n,n'a)Cd-117m	TALYS-6a	0		45
Sn-121m(n,2na)Cd-116	TALYS-6a	0	[8]	33
Sn-121m(n,3na)Cd-115g	TALYS-6a	0		23
Sn-121m(n,3na)Cd-115m	TALYS-6a	0		23
Sn-121m(n,n'p)In-120g	TALYS-6a	0	[4]	38
Sn-121m(n,n'p)In-120m	TALYS-6a	0	[4,7,8]	38
Sn-121m(n,n'p)In-120n	TALYS-6a	0	[4,7,8]	37
Sn-121m(n,n'2a)Pd-113g	TALYS-6a	0		23
Sn-121m(n,n'2a)Pd-113m	TALYS-6a	0		24
Sn-121m(n,2n2a)Pd-112	TALYS-6a	0	[8]	18
Sn-121m(n,n'd)In-119g	TALYS-6a	0		31
Sn-121m(n,n'd)In-119m	TALYS-6a	0		30
Sn-121m(n,n't)In-118g	TALYS-6a	0		28
Sn-121m(n,n't)In-118m	TALYS-6a	0		28
Sn-121m(n,n't)In-118n	TALYS-6a	0		28
Sn-121m(n,n'h)Cd-118	TALYS-6a	0	[8]	25
Sn-121m(n,4n)Sn-118	TALYS-6a	0		25
Sn-121m(n,2np)In-119g	TALYS-6a	0		29
Sn-121m(n,2np)In-119m	TALYS-6a	0		28
Sn-121m(n,3np)In-118g	TALYS-6a	0		20
Sn-121m(n,3np)In-118m	TALYS-6a	0		20
Sn-121m(n,3np)In-118n	TALYS-6a	0		20
Sn-121m(n,n'2p)Cd-119g	TALYS-6a	0		23

Reaction	Library	Flag	Value
Sn-121m(n,n'2p)Cd-119m	TALYS-6a	0	23
Sn-121m(n,n'pa)Ag-116g	TALYS-6a	0	22
Sn-121m(n,n'pa)Ag-116m	TALYS-6a	0	22
Sn-121m(n,g)Sn-122	MASGAM	0 [14,13]	83
Sn-121m(n,p)In-121g	TALYS-6a	0 [2]	69
Sn-121m(n,p)In-121m	TALYS-6a	0 [2]	67
Sn-121m(n,d)In-120g	TALYS-6a	0 [4]	42
Sn-121m(n,d)In-120m	TALYS-6a	0 [4,7,8]	42
Sn-121m(n,d)In-120n	TALYS-6a	0 [4,7,8]	41
Sn-121m(n,t)In-119g	TALYS-6a	0	42
Sn-121m(n,t)In-119m	TALYS-6a	0	41
Sn-121m(n,h)Cd-119g	TALYS-6a	0	30
Sn-121m(n,h)Cd-119m	TALYS-6a	0	30
Sn-121m(n,a)Cd-118	TALYS-6a	0 [2]	100
Sn-121m(n,2p)Cd-120	TALYS-6a	0 [8]	31
Sn-121m(n,pd)Cd-119g	TALYS-6a	0	24
Sn-121m(n,pd)Cd-119m	TALYS-6a	0	24
Sn-121m(n,5n)Sn-117g	TALYS-6a	0	16
Sn-121m(n,5n)Sn-117m	TALYS-6a	0	16
Sn-121m(n,6n)Sn-116	TALYS-6a	0	12
Sn-121m(n,2nt)In-117g	TALYS-6a	0	21
Sn-121m(n,2nt)In-117m	TALYS-6a	0	21
Sn-121m(n,4np)In-117g	TALYS-6a	0	15
Sn-121m(n,4np)In-117m	TALYS-6a	0	15
Sn-121m(n,3nd)In-117g	TALYS-6a	0	16
Sn-121m(n,3nd)In-117m	TALYS-6a	0	16
Sn-121m(n,n'da)Ag-115g	TALYS-6a	0	18
Sn-121m(n,n'da)Ag-115m	TALYS-6a	0	18
Sn-121m(n,2npa)Ag-115g	TALYS-6a	0	17
Sn-121m(n,2npa)Ag-115m	TALYS-6a	0	17
Sn-121m(n,7n)Sn-115	TALYS-6a	0 [8]	7
Sn-121m(n,8n)Sn-114	TALYS-6a	0	4
Sn-121m(n,5np)In-116g	TALYS-6a	0	11
Sn-121m(n,5np)In-116m	TALYS-6a	0	11
Sn-121m(n,5np)In-116n	TALYS-6a	0	11
Sn-121m(n,6np)In-115g	TALYS-6a	0	8
Sn-121m(n,6np)In-115m	TALYS-6a	0	7
Sn-121m(n,4na)Cd-114	TALYS-6a	0 [8]	17
Sn-121m(n,5na)Cd-113g	TALYS-6a	0	12
Sn-121m(n,5na)Cd-113m	TALYS-6a	0	12
Sn-121m(n,6na)Cd-112	TALYS-6a	0 [8]	8
Sn-121m(n,4nd)In-116g	TALYS-6a	0	12
Sn-121m(n,4nd)In-116m	TALYS-6a	0	12
Sn-121m(n,4nd)In-116n	TALYS-6a	0	12
Sn-121m(n,5nd)In-115g	TALYS-6a	0	8
Sn-121m(n,5nd)In-115m	TALYS-6a	0	8
Sn-121m(n,3nt)In-116g	TALYS-6a	0	14
Sn-121m(n,3nt)In-116m	TALYS-6a	0	14
Sn-121m(n,3nt)In-116n	TALYS-6a	0	14
Sn-121m(n,4nt)In-115g	TALYS-6a	0	11
Sn-121m(n,4nt)In-115m	TALYS-6a	0	11
Sn-121m(n,5nt)In-114g	TALYS-6a	0	6
Sn-121m(n,5nt)In-114m	TALYS-6a	0	6
Sn-121m(n,2nh)Cd-117g	TALYS-6a	0	17
Sn-121m(n,2nh)Cd-117m	TALYS-6a	0	17
Sn-121m(n,3nh)Cd-116	TALYS-6a	0 [8]	14
Sn-121m(n,4nh)Cd-115g	TALYS-6a	0	10
Sn-121m(n,4nh)Cd-115m	TALYS-6a	0	10
Sn-121m(n,3n2p)Cd-117g	TALYS-6a	0	13
Sn-121m(n,3n2p)Cd-117m	TALYS-6a	0	13
Sn-121m(n,3n2a)Pd-111g	TALYS-6a	0	13
Sn-121m(n,3n2a)Pd-111m	TALYS-6a	0	13
Sn-121m(n,3npa)Ag-114g	TALYS-6a	0 [4,8]	12
Sn-121m(n,3npa)Ag-114m	TALYS-6a	0 [4,7,8,8]	11
Sn-121m(n,n'pd)Cd-118	TALYS-6a	0 [8]	19
Sn-121m(n,n'pt)Cd-117g	TALYS-6a	0	17
Sn-121m(n,n'pt)Cd-117m	TALYS-6a	0	17
Sn-121m(n,n'dt)Cd-116	TALYS-6a	0 [8]	14
Sn-121m(n,n'ta)Ag-114g	TALYS-6a	0 [4,8]	16
Sn-121m(n,n'ta)Ag-114m	TALYS-6a	0 [4,7,8,8]	15
Sn-121m(n,2n2p)Cd-118	TALYS-6a	0 [8]	17
Sn-121m(n,4n2p)Cd-116	TALYS-6a	0 [8]	10
Sn-121m(n,4n2a)Pd-110	TALYS-6a	0 [8]	10
Sn-121m(n,4npa)Ag-113g	TALYS-6a	0	9
Sn-121m(n,4npa)Ag-113m	TALYS-6a	0	10
Sn-122(n,2nd)In-119g	TALYS-6a	0	22
Sn-122(n,2nd)In-119m	TALYS-6a	0	21
Sn-122(n,2n)Sn-121g	TALYS-6a	0	44
Sn-122(n,2n)Sn-121m	EFF-2.4	2 [13,4,7,8,3]	41
Sn-122(n,3n)Sn-120	TALYS-6a	0	31
Sn-122(n,n'a)Cd-118	TALYS-6a	0 [8]	44
Sn-122(n,2na)Cd-117g	TALYS-6a	0	29
Sn-122(n,2na)Cd-117m	TALYS-6a	0	29
Sn-122(n,3na)Cd-116	TALYS-6a	0 [8]	23
Sn-122(n,n'p)In-121g	TALYS-6a	0	37
Sn-122(n,n'p)In-121m	TALYS-6a	0	36
Sn-122(n,n'2a)Pd-114	TALYS-6a	0 [8]	22
Sn-122(n,2n2a)Pd-113g	TALYS-6a	0	15
Sn-122(n,2n2a)Pd-113m	TALYS-6a	0	15
Sn-122(n,n'd)In-120g	TALYS-6a	0 [4]	28
Sn-122(n,n'd)In-120m	TALYS-6a	0 [4,7,8]	28
Sn-122(n,n'd)In-120n	TALYS-6a	0 [4,7,8]	27
Sn-122(n,n't)In-119g	TALYS-6a	0	28
Sn-122(n,n't)In-119m	TALYS-6a	0	27
Sn-122(n,n'h)Cd-119g	TALYS-6a	0	21
Sn-122(n,n'h)Cd-119m	TALYS-6a	0	21
Sn-122(n,4n)Sn-119g	TALYS-6a	0	22
Sn-122(n,4n)Sn-119m	TALYS-6a	0	22
Sn-122(n,2np)In-120g	TALYS-6a	0 [4]	26
Sn-122(n,2np)In-120m	TALYS-6a	0 [4,7,8]	26
Sn-122(n,2np)In-120n	TALYS-6a	0 [4,7,8]	25
Sn-122(n,3np)In-119g	TALYS-6a	0	20
Sn-122(n,3np)In-119m	TALYS-6a	0	20
Sn-122(n,n'2p)Cd-120	TALYS-6a	0 [8]	22
Sn-122(n,n'pa)Ag-117g	TALYS-6a	0	21
Sn-122(n,n'pa)Ag-117m	TALYS-6a	0	21
Sn-122(n,g)Sn-123g	JEF-2.2	2 [13,4,6]	2384
Sn-122(n,g)Sn-123m	JEF-2.2	3 [13,4,6,4]	2384
Sn-122(n,p)In-122g	TALYS-6a	0 [4,2]	54
Sn-122(n,p)In-122m	TALYS-6a	0 [4,7,8,2]	52
Sn-122(n,p)In-122n	TALYS-6a	0 [4,7,8,2]	53
Sn-122(n,d)In-121g	TALYS-6a	0	41
Sn-122(n,d)In-121m	TALYS-6a	0	40
Sn-122(n,t)In-120g	TALYS-6a	0 [4]	36
Sn-122(n,t)In-120m	TALYS-6a	0 [4,7,8]	36
Sn-122(n,t)In-120n	TALYS-6a	0 [4,7,8]	35
Sn-122(n,h)Cd-120	TALYS-6a	0 [8]	30
Sn-122(n,a)Cd-119g	TALYS-6a	0	68
Sn-122(n,a)Cd-119m	TALYS-6a	0	67
Sn-122(n,2p)Cd-121g	TALYS-6a	0	27
Sn-122(n,2p)Cd-121m	TALYS-6a	0	27
Sn-122(n,pd)Cd-120	TALYS-6a	0 [8]	24
Sn-122(n,5n)Sn-118	TALYS-6a	0	16
Sn-122(n,6n)Sn-117g	TALYS-6a	0	11
Sn-122(n,6n)Sn-117m	TALYS-6a	0	11
Sn-122(n,2nt)In-118g	TALYS-6a	0	19
Sn-122(n,2nt)In-118m	TALYS-6a	0	19
Sn-122(n,2nt)In-118n	TALYS-6a	0	19
Sn-122(n,4np)In-118g	TALYS-6a	0	14
Sn-122(n,4np)In-118m	TALYS-6a	0	14
Sn-122(n,4np)In-118n	TALYS-6a	0	14
Sn-122(n,3nd)In-118g	TALYS-6a	0	15
Sn-122(n,3nd)In-118m	TALYS-6a	0	15
Sn-122(n,3nd)In-118n	TALYS-6a	0	15
Sn-122(n,n'da)Ag-116g	TALYS-6a	0	15
Sn-122(n,n'da)Ag-116m	TALYS-6a	0	15
Sn-122(n,2npa)Ag-116g	TALYS-6a	0	15
Sn-122(n,2npa)Ag-116m	TALYS-6a	0	15
Sn-122(n,7n)Sn-116	TALYS-6a	0	8
Sn-122(n,5np)In-117g	TALYS-6a	0	11
Sn-122(n,5np)In-117m	TALYS-6a	0	11
Sn-122(n,6np)In-116g	TALYS-6a	0	6
Sn-122(n,6np)In-116m	TALYS-6a	0	6
Sn-122(n,6np)In-116n	TALYS-6a	0	6
Sn-122(n,4na)Cd-115g	TALYS-6a	0	15
Sn-122(n,4na)Cd-115m	TALYS-6a	0	15
Sn-122(n,5na)Cd-114	TALYS-6a	0 [8]	12
Sn-122(n,6na)Cd-113g	TALYS-6a	0	7
Sn-122(n,6na)Cd-113m	TALYS-6a	0	7
Sn-122(n,4nd)In-117g	TALYS-6a	0	12
Sn-122(n,4nd)In-117m	TALYS-6a	0	11
Sn-122(n,5nd)In-116g	TALYS-6a	0	7
Sn-122(n,5nd)In-116m	TALYS-6a	0	7
Sn-122(n,5nd)In-116n	TALYS-6a	0	7
Sn-122(n,3nt)In-117g	TALYS-6a	0	14
Sn-122(n,3nt)In-117m	TALYS-6a	0	14
Sn-122(n,4nt)In-116g	TALYS-6a	0	10
Sn-122(n,4nt)In-116m	TALYS-6a	0	10
Sn-122(n,4nt)In-116n	TALYS-6a	0	10
Sn-122(n,5nt)In-115g	TALYS-6a	0	6
Sn-122(n,5nt)In-115m	TALYS-6a	0	6
Sn-122(n,2nh)Cd-118	TALYS-6a	0 [8]	16
Sn-122(n,3nh)Cd-117g	TALYS-6a	0	12
Sn-122(n,3nh)Cd-117m	TALYS-6a	0	12
Sn-122(n,4nh)Cd-116	TALYS-6a	0 [8]	9
Sn-122(n,3n2p)Cd-118	TALYS-6a	0 [8]	13
Sn-122(n,3n2a)Pd-112	TALYS-6a	0 [8]	12
Sn-122(n,3npa)Ag-115g	TALYS-6a	0	12
Sn-122(n,3npa)Ag-115m	TALYS-6a	0	12
Sn-122(n,n'pd)Cd-119g	TALYS-6a	0	16
Sn-122(n,n'pd)Cd-119m	TALYS-6a	0	16
Sn-122(n,n'pt)Cd-118	TALYS-6a	0 [8]	16
Sn-122(n,n'dt)Cd-117g	TALYS-6a	0	13
Sn-122(n,n'dt)Cd-117m	TALYS-6a	0	13
Sn-122(n,n'ta)Ag-115g	TALYS-6a	0	16
Sn-122(n,n'ta)Ag-115m	TALYS-6a	0	16
Sn-122(n,2n2p)Cd-119g	TALYS-6a	0	15
Sn-122(n,2n2p)Cd-119m	TALYS-6a	0	15
Sn-122(n,4n2p)Cd-117g	TALYS-6a	0	8
Sn-122(n,4n2p)Cd-117m	TALYS-6a	0	8
Sn-122(n,4npa)Ag-114g	TALYS-6a	0 [4,8]	8
Sn-122(n,4npa)Ag-114m	TALYS-6a	0 [4,7,8,8]	7
Sn-123(n,n')Sn-123m	TALYS-6a	0	91
Sn-123(n,2nd)In-120g	TALYS-6a	0 [4]	22
Sn-123(n,2nd)In-120m	TALYS-6a	0 [4,7,8]	22
Sn-123(n,2nd)In-120n	TALYS-6a	0 [4,7,8]	21
Sn-123(n,2n)Sn-122	TALYS-6a	0	56
Sn-123(n,3n)Sn-121g	TALYS-6a	0	32
Sn-123(n,3n)Sn-121m	TALYS-6a	0	32
Sn-123(n,n'a)Cd-119g	TALYS-6a	0	42
Sn-123(n,n'a)Cd-119m	TALYS-6a	0	42
Sn-123(n,2na)Cd-118	TALYS-6a	0 [8]	31
Sn-123(n,3na)Cd-117g	TALYS-6a	0	22
Sn-123(n,3na)Cd-117m	TALYS-6a	0	23
Sn-123(n,n'p)In-122g	TALYS-6a	0 [4]	37
Sn-123(n,n'p)In-122m	TALYS-6a	0 [4,7,8]	35
Sn-123(n,n'p)In-122n	TALYS-6a	0 [4,7,8]	36
Sn-123(n,2n2a)Pd-114	TALYS-6a	0 [8]	16
Sn-123(n,n'd)In-121g	TALYS-6a	0	30
Sn-123(n,n'd)In-121m	TALYS-6a	0	30
Sn-123(n,n't)In-120g	TALYS-6a	0 [4]	28
Sn-123(n,n't)In-120m	TALYS-6a	0 [4,7,8]	28
Sn-123(n,n't)In-120n	TALYS-6a	0 [4,7,8]	27
Sn-123(n,n'h)Cd-120	TALYS-6a	0 [8]	24
Sn-123(n,4n)Sn-120	TALYS-6a	0	25
Sn-123(n,2np)In-121g	TALYS-6a	0	28
Sn-123(n,2np)In-121m	TALYS-6a	0	28
Sn-123(n,3np)In-120g	TALYS-6a	0 [4]	20
Sn-123(n,3np)In-120m	TALYS-6a	0 [4,7,8]	20
Sn-123(n,3np)In-120n	TALYS-6a	0 [4,7,8]	19
Sn-123(n,n'2p)Cd-121g	TALYS-6a	0	21
Sn-123(n,n'2p)Cd-121m	TALYS-6a	0	21
Sn-123(n,n'pa)Ag-118g	TALYS-6a	0	20
Sn-123(n,n'pa)Ag-118m	TALYS-6a	0	20
>Sn-123(n,g)Sn-124	TALYS-6a	0	100
Sn-123(n,p)In-123g	TALYS-6a	0 [2]	64
Sn-123(n,p)In-123m	TALYS-6a	0 [2]	63
Sn-123(n,d)In-122g	TALYS-6a	0 [4]	40

Sn-123(n,d)In-122m	TALYS-6a	0 [4,7,8]	39	Sn-124(n,a)Cd-121m	TALYS-6a	0 [7,8]	61
Sn-123(n,d)In-122n	TALYS-6a	0 [4,7,8]	39	+Sn-124(n,2p)Cd-123g	TALYS-6a	0	25
Sn-123(n,t)In-121g	TALYS-6a	0	41	+Sn-124(n,2p)Cd-123m	TALYS-6a	0	25
Sn-123(n,t)In-121m	TALYS-6a	0	40	Sn-124(n,pd)Cd-122	TALYS-6a	0 [8]	22
Sn-123(n,h)Cd-121g	TALYS-6a	0	29	Sn-124(n,5n)Sn-120	TALYS-6a	0	17
Sn-123(n,h)Cd-121m	TALYS-6a	0	29	Sn-124(n,6n)Sn-119g	TALYS-6a	0	12
Sn-123(n,a)Cd-120	TALYS-6a	0 [2]	100	Sn-124(n,6n)Sn-119m	TALYS-6a	0	12
Sn-123(n,2p)Cd-122	TALYS-6a	0 [8]	29	Sn-124(n,2nt)In-120g	TALYS-6a	0 [4]	19
Sn-123(n,5n)Sn-119g	TALYS-6a	0	16	Sn-124(n,2nt)In-120m	TALYS-6a	0 [4,7,8]	19
Sn-123(n,5n)Sn-119m	TALYS-6a	0	16	Sn-124(n,2nt)In-120n	TALYS-6a	0 [4,7,8]	18
Sn-123(n,6n)Sn-118	TALYS-6a	0	13	Sn-124(n,4np)In-120g	TALYS-6a	0 [4]	14
Sn-123(n,2nt)In-119g	TALYS-6a	0	21	Sn-124(n,4np)In-120m	TALYS-6a	0 [4,7,8]	14
Sn-123(n,2nt)In-119m	TALYS-6a	0	21	Sn-124(n,4np)In-120n	TALYS-6a	0 [4,7,8]	13
Sn-123(n,4np)In-119g	TALYS-6a	0	15	Sn-124(n,3nd)In-120g	TALYS-6a	0 [4]	15
Sn-123(n,4np)In-119m	TALYS-6a	0	15	Sn-124(n,3nd)In-120m	TALYS-6a	0 [4,7,8]	15
Sn-123(n,3nd)In-119g	TALYS-6a	0	16	Sn-124(n,3nd)In-120n	TALYS-6a	0 [4,7,8]	14
Sn-123(n,3nd)In-119m	TALYS-6a	0	16	Sn-124(n,n'da)Ag-118g	TALYS-6a	0	15
Sn-123(n,n'da)Ag-117g	TALYS-6a	0	16	Sn-124(n,n'da)Ag-118m	TALYS-6a	0	15
Sn-123(n,n'da)Ag-117m	TALYS-6a	0	16	Sn-124(n,2npa)Ag-118g	TALYS-6a	0	14
Sn-123(n,2npa)Ag-117g	TALYS-6a	0	16	Sn-124(n,2npa)Ag-118m	TALYS-6a	0	14
Sn-123(n,2npa)Ag-117m	TALYS-6a	0	16	Sn-124(n,7n)Sn-118	TALYS-6a	0	9
Sn-123(n,7n)Sn-117g	TALYS-6a	0	8	Sn-124(n,8n)Sn-117g	TALYS-6a	0	4
Sn-123(n,7n)Sn-117m	TALYS-6a	0	8	Sn-124(n,8n)Sn-117m	TALYS-6a	0	4
Sn-123(n,8n)Sn-116	TALYS-6a	0	5	Sn-124(n,5np)In-119g	TALYS-6a	0	11
Sn-123(n,5np)In-118g	TALYS-6a	0	11	Sn-124(n,5np)In-119m	TALYS-6a	0	11
Sn-123(n,5np)In-118m	TALYS-6a	0	11	Sn-124(n,6np)In-118g	TALYS-6a	0	7
Sn-123(n,5np)In-118n	TALYS-6a	0	11	Sn-124(n,6np)In-118m	TALYS-6a	0	7
Sn-123(n,6np)In-117g	TALYS-6a	0	8	Sn-124(n,6np)In-118n	TALYS-6a	0	7
Sn-123(n,6np)In-117m	TALYS-6a	0	8	Sn-124(n,4na)Cd-117g	TALYS-6a	0	15
Sn-123(n,4na)Cd-116	TALYS-6a	0 [8]	17	Sn-124(n,4na)Cd-117m	TALYS-6a	0	15
Sn-123(n,5na)Cd-115g	TALYS-6a	0	12	Sn-124(n,5na)Cd-116	TALYS-6a	0 [8]	12
Sn-123(n,5na)Cd-115m	TALYS-6a	0	12	Sn-124(n,6na)Cd-115g	TALYS-6a	0	8
Sn-123(n,6na)Cd-114	TALYS-6a	0 [8]	9	Sn-124(n,6na)Cd-115m	TALYS-6a	0	7
Sn-123(n,4nd)In-118g	TALYS-6a	0	12	Sn-124(n,4nd)In-119g	TALYS-6a	0	12
Sn-123(n,4nd)In-118m	TALYS-6a	0	12	Sn-124(n,4nd)In-119m	TALYS-6a	0	12
Sn-123(n,4nd)In-118n	TALYS-6a	0	12	Sn-124(n,5nd)In-118g	TALYS-6a	0	8
Sn-123(n,5nd)In-117g	TALYS-6a	0	9	Sn-124(n,5nd)In-118m	TALYS-6a	0	8
Sn-123(n,5nd)In-117m	TALYS-6a	0	8	Sn-124(n,5nd)In-118n	TALYS-6a	0	7
Sn-123(n,3nt)In-118g	TALYS-6a	0	15	Sn-124(n,3nt)In-119g	TALYS-6a	0	15
Sn-123(n,3nt)In-118m	TALYS-6a	0	15	Sn-124(n,3nt)In-119m	TALYS-6a	0	14
Sn-123(n,3nt)In-118n	TALYS-6a	0	15	Sn-124(n,4nt)In-118g	TALYS-6a	0	10
Sn-123(n,4nt)In-117g	TALYS-6a	0	11	Sn-124(n,4nt)In-118m	TALYS-6a	0	10
Sn-123(n,4nt)In-117m	TALYS-6a	0	11	Sn-124(n,4nt)In-118n	TALYS-6a	0	10
Sn-123(n,5nt)In-116g	TALYS-6a	0	7	Sn-124(n,5nt)In-117g	TALYS-6a	0	7
Sn-123(n,5nt)In-116m	TALYS-6a	0	7	Sn-124(n,5nt)In-117m	TALYS-6a	0	7
Sn-123(n,5nt)In-116n	TALYS-6a	0	7	Sn-124(n,2nh)Cd-120	TALYS-6a	0 [8]	16
Sn-123(n,2nh)Cd-119g	TALYS-6a	0	16	Sn-124(n,3nh)Cd-119g	TALYS-6a	0	12
Sn-123(n,2nh)Cd-119m	TALYS-6a	0	16	Sn-124(n,3nh)Cd-119m	TALYS-6a	0	12
Sn-123(n,3nh)Cd-118	TALYS-6a	0 [8]	14	Sn-124(n,4nh)Cd-118	TALYS-6a	0 [8]	9
Sn-123(n,4nh)Cd-117g	TALYS-6a	0	9	Sn-124(n,3n2p)Cd-120	TALYS-6a	0 [8]	12
Sn-123(n,4nh)Cd-117m	TALYS-6a	0	9	Sn-124(n,3n2a)Pd-114	TALYS-6a	0 [8]	12
Sn-123(n,3n2p)Cd-119g	TALYS-6a	0	12	Sn-124(n,3npa)Ag-117g	TALYS-6a	0	11
Sn-123(n,3n2p)Cd-119m	TALYS-6a	0	12	Sn-124(n,3npa)Ag-117m	TALYS-6a	0	12
Sn-123(n,3n2a)Pd-113g	TALYS-6a	0	12	Sn-124(n,n'pd)Cd-121g	TALYS-6a	0	15
Sn-123(n,3n2a)Pd-113m	TALYS-6a	0	12	Sn-124(n,n'pd)Cd-121m	TALYS-6a	0	15
Sn-123(n,3npa)Ag-116g	TALYS-6a	0	12	Sn-124(n,n'pt)Cd-120	TALYS-6a	0 [8]	16
Sn-123(n,3npa)Ag-116m	TALYS-6a	0	12	Sn-124(n,n'ta)Ag-117g	TALYS-6a	0	15
Sn-123(n,n'pd)Cd-120	TALYS-6a	0 [8]	17	Sn-124(n,n'ta)Ag-117m	TALYS-6a	0	15
Sn-123(n,n'pt)Cd-119g	TALYS-6a	0	16	Sn-124(n,2n2p)Cd-121g	TALYS-6a	0	14
Sn-123(n,n'pt)Cd-119m	TALYS-6a	0	16	Sn-124(n,2n2p)Cd-121m	TALYS-6a	0	14
Sn-123(n,n'dt)Cd-118	TALYS-6a	0 [8]	14	Sn-125(n,n')Sn-125m	TALYS-6a	0	91
Sn-123(n,n'ta)Ag-116g	TALYS-6a	0	15	Sn-125(n,2nd)In-122g	TALYS-6a	0 [4]	22
Sn-123(n,n'ta)Ag-116m	TALYS-6a	0	15	Sn-125(n,2nd)In-122m	TALYS-6a	0 [4,7,8]	20
Sn-123(n,2n2p)Cd-120	TALYS-6a	0 [8]	16	Sn-125(n,2nd)In-122n	TALYS-6a	0 [4,7,8]	21
Sn-123(n,4n2p)Cd-118	TALYS-6a	0 [8]	9	Sn-125(n,2n)Sn-124	TALYS-6a	0	57
Sn-123(n,4n2a)Pd-112	TALYS-6a	0 [8]	9	Sn-125(n,3n)Sn-123g	TALYS-6a	0	33
Sn-123(n,4npa)Ag-115g	TALYS-6a	0	9	Sn-125(n,3n)Sn-123m	TALYS-6a	0	33
Sn-123(n,4npa)Ag-115m	TALYS-6a	0	9	Sn-125(n,n'a)Cd-121g	TALYS-6a	0	39
Sn-124(n,2nd)In-121g	TALYS-6a	0	22	Sn-125(n,n'a)Cd-121m	TALYS-6a	0	39
Sn-124(n,2nd)In-121m	TALYS-6a	0	21	Sn-125(n,2na)Cd-120	TALYS-6a	0 [8]	30
Sn-124(n,2n)Sn-123g	JENDL-3.2/A	6 [13,3]	38	Sn-125(n,3na)Cd-119g	TALYS-6a	0	22
Sn-124(n,2n)Sn-123m	JENDL-3.2/A	6 [13,3,7,8]	38	Sn-125(n,3na)Cd-119m	TALYS-6a	0	21
Sn-124(n,3n)Sn-122	TALYS-6a	0	32	Sn-125(n,n'p)In-124g	TALYS-6a	0	35
Sn-124(n,n'a)Cd-120	TALYS-6a	0 [8]	41	Sn-125(n,n'p)In-124m	TALYS-6a	0	35
Sn-124(n,2na)Cd-119g	TALYS-6a	0	28	Sn-125(n,2n2a)Pd-116	TALYS-6a	0 [8]	15
Sn-124(n,2na)Cd-119m	TALYS-6a	0	28	Sn-125(n,n'd)In-123g	TALYS-6a	0	29
Sn-124(n,3na)Cd-118	TALYS-6a	0 [8]	22	Sn-125(n,n'd)In-123m	TALYS-6a	0	29
Sn-124(n,n'p)In-123g	TALYS-6a	0	36	Sn-125(n,n't)In-122g	TALYS-6a	0 [4]	28
Sn-124(n,n'p)In-123m	TALYS-6a	0	35	Sn-125(n,n't)In-122m	TALYS-6a	0 [4,7,8]	26
Sn-124(n,2n2a)Pd-115g	TALYS-6a	0	14	Sn-125(n,n't)In-122n	TALYS-6a	0 [4,7,8]	27
Sn-124(n,2n2a)Pd-115m	TALYS-6a	0	14	Sn-125(n,n'h)Cd-122	TALYS-6a	0 [8]	22
Sn-124(n,n'd)In-122g	TALYS-6a	0 [4]	27	Sn-125(n,4n)Sn-122	TALYS-6a	0	26
Sn-124(n,n'd)In-122m	TALYS-6a	0 [4,7,8]	26	Sn-125(n,2np)In-123g	TALYS-6a	0	28
Sn-124(n,n'd)In-122n	TALYS-6a	0 [4,7,8]	26	Sn-125(n,2np)In-123m	TALYS-6a	0	27
Sn-124(n,n't)In-121g	TALYS-6a	0	27	Sn-125(n,3np)In-122g	TALYS-6a	0 [4]	20
Sn-124(n,n't)In-121m	TALYS-6a	0	27	Sn-125(n,3np)In-122m	TALYS-6a	0 [4,7,8]	19
Sn-124(n,n'h)Cd-121g	TALYS-6a	0	20	Sn-125(n,3np)In-122n	TALYS-6a	0 [4,7,8]	19
Sn-124(n,n'h)Cd-121m	TALYS-6a	0	20	Sn-125(n,n'2p)Cd-123g	TALYS-6a	0	19
Sn-124(n,4n)Sn-121g	TALYS-6a	0	23	Sn-125(n,n'2p)Cd-123m	TALYS-6a	0	19
Sn-124(n,4n)Sn-121m	TALYS-6a	0	23	Sn-125(n,n'pa)Ag-120	TALYS-6a	0	18
Sn-124(n,2np)In-122g	TALYS-6a	0 [4]	26	>Sn-125(n,g)Sn-126	TALYS-6a	0	100
Sn-124(n,2np)In-122m	TALYS-6a	0 [4,7,8]	24	Sn-125(n,p)In-125g	TALYS-6a	0 [2]	59
Sn-124(n,2np)In-122n	TALYS-6a	0 [4,7,8]	25	Sn-125(n,p)In-125m	TALYS-6a	0 [2,7,8]	58
Sn-124(n,3np)In-121g	TALYS-6a	0	20	Sn-125(n,d)In-124g	TALYS-6a	0	39
Sn-124(n,3np)In-121m	TALYS-6a	0	19	Sn-125(n,d)In-124m	TALYS-6a	0	39
Sn-124(n,n'2p)Cd-122	TALYS-6a	0 [8]	20	Sn-125(n,t)In-123g	TALYS-6a	0	40
Sn-124(n,n'pa)Ag-119g	TALYS-6a	0 [4,8]	17	Sn-125(n,t)In-123m	TALYS-6a	0	39
Sn-124(n,n'pa)Ag-119m	TALYS-6a	0 [4,7,8,8]	16	+Sn-125(n,h)Cd-123g	TALYS-6a	0	27
>Sn-124(n,g)Sn-125g	JEF-2.2	2 [13,3]	2132	+Sn-125(n,h)Cd-123m	TALYS-6a	0	27
>Sn-124(n,g)Sn-125m	JEF-2.2	4 [13,3]	2132	Sn-125(n,a)Cd-122	TALYS-6a	0	100
Sn-124(n,p)In-124g	TALYS-6a	0	49	Sn-125(n,2p)Cd-124	TALYS-6a	0 [8]	27
Sn-124(n,p)In-124m	TALYS-6a	0	48	Sn-125(n,5n)Sn-121g	TALYS-6a	0	17
Sn-124(n,d)In-123g	TALYS-6a	0	39	Sn-125(n,5n)Sn-121m	TALYS-6a	0	17
Sn-124(n,d)In-123m	TALYS-6a	0	39	Sn-125(n,6n)Sn-120	TALYS-6a	0	14
Sn-124(n,t)In-122g	TALYS-6a	0 [4]	35	Sn-125(n,2nt)In-121g	TALYS-6a	0	22
Sn-124(n,t)In-122m	TALYS-6a	0 [4,7,8]	34	Sn-125(n,2nt)In-121m	TALYS-6a	0	21
Sn-124(n,t)In-122n	TALYS-6a	0 [4,7,8]	34	Sn-125(n,4np)In-121g	TALYS-6a	0	15
Sn-124(n,h)Cd-122	TALYS-6a	0 [8]	28	Sn-125(n,4np)In-121m	TALYS-6a	0	15
Sn-124(n,a)Cd-121g	TALYS-6a	0 [7,8]	62	Sn-125(n,3nd)In-121g	TALYS-6a	0	16

Reaction	Library	Flag	Number
Sn-125(n,3nd)In-121m	TALYS-6a	0	16
Sn-125(n,2npa)Ag-119g	TALYS-6a	0 [4,8]	15
Sn-125(n,2npa)Ag-119m	TALYS-6a	0 [4,7,8,8]	14
Sn-125(n,7n)Sn-119g	TALYS-6a	0	9
Sn-125(n,7n)Sn-119m	TALYS-6a	0	9
Sn-125(n,8n)Sn-118	TALYS-6a	0	6
Sn-125(n,5np)In-120g	TALYS-6a	0 [4]	11
Sn-125(n,5np)In-120m	TALYS-6a	0 [4,7,8]	11
Sn-125(n,5np)In-120n	TALYS-6a	0 [4,7,8]	10
Sn-125(n,6np)In-119g	TALYS-6a	0	8
Sn-125(n,6np)In-119m	TALYS-6a	0	8
Sn-125(n,4na)Cd-118	TALYS-6a	0 [8]	16
Sn-125(n,5na)Cd-117g	TALYS-6a	0	12
Sn-125(n,5na)Cd-117m	TALYS-6a	0	12
Sn-125(n,6na)Cd-116	TALYS-6a	0 [8]	9
Sn-125(n,4nd)In-120g	TALYS-6a	0 [4]	12
Sn-125(n,4nd)In-120m	TALYS-6a	0 [4,7,8]	12
Sn-125(n,4nd)In-120n	TALYS-6a	0 [4,7,8]	11
Sn-125(n,5nd)In-119g	TALYS-6a	0	9
Sn-125(n,5nd)In-119m	TALYS-6a	0	9
Sn-125(n,3nt)In-120g	TALYS-6a	0 [4]	15
Sn-125(n,3nt)In-120m	TALYS-6a	0 [4,7,8]	15
Sn-125(n,3nt)In-120n	TALYS-6a	0 [4,7,8]	14
Sn-125(n,4nt)In-119g	TALYS-6a	0	12
Sn-125(n,4nt)In-119m	TALYS-6a	0	12
Sn-125(n,5nt)In-118g	TALYS-6a	0	7
Sn-125(n,5nt)In-118m	TALYS-6a	0	7
Sn-125(n,5nt)In-118n	TALYS-6a	0	7
Sn-125(n,2nh)Cd-121g	TALYS-6a	0	16
Sn-125(n,2nh)Cd-121m	TALYS-6a	0	15
Sn-125(n,3nh)Cd-120	TALYS-6a	0 [8]	13
Sn-125(n,4nh)Cd-119g	TALYS-6a	0	9
Sn-125(n,4nh)Cd-119m	TALYS-6a	0	9
Sn-125(n,3n2p)Cd-121g	TALYS-6a	0	12
Sn-125(n,3n2p)Cd-121m	TALYS-6a	0	11
Sn-125(n,3n2a)Pd-115g	TALYS-6a	0	11
Sn-125(n,3n2a)Pd-115m	TALYS-6a	0	11
Sn-125(n,3npa)Ag-118g	TALYS-6a	0	11
Sn-125(n,3npa)Ag-118m	TALYS-6a	0	11
Sn-125(n,n'pd)Cd-122	TALYS-6a	0 [8]	16
Sn-125(n,2n2p)Cd-122	TALYS-6a	0 [8]	15
Sn-125(n,4n2p)Cd-120	TALYS-6a	0 [8]	9
Sn-126(n,2nd)In-123g	TALYS-6a	0	21
Sn-126(n,2nd)In-123m	TALYS-6a	0	21
Sn-126(n,2n)Sn-125g	TALYS-6a	0	45
Sn-126(n,2n)Sn-125m	TALYS-6a	0	45
Sn-126(n,3n)Sn-124	TALYS-6a	0	33
Sn-126(n,n'a)Cd-122	TALYS-6a	0 [8]	39
Sn-126(n,2na)Cd-121g	TALYS-6a	0	27
Sn-126(n,2na)Cd-121m	TALYS-6a	0	27
Sn-126(n,3na)Cd-120	TALYS-6a	0 [8]	22
Sn-126(n,n'p)In-125g	TALYS-6a	0	34
Sn-126(n,n'p)In-125m	TALYS-6a	0	33
Sn-126(n,n'd)In-124g	TALYS-6a	0	27
Sn-126(n,n'd)In-124m	TALYS-6a	0	27
Sn-126(n,n't)In-123g	TALYS-6a	0	27
Sn-126(n,n't)In-123m	TALYS-6a	0	27
Sn-126(n,n'h)Cd-123g	TALYS-6a	0	19
Sn-126(n,n'h)Cd-123m	TALYS-6a	0	19
Sn-126(n,4n)Sn-123g	TALYS-6a	0	24
Sn-126(n,4n)Sn-123m	TALYS-6a	0	24
Sn-126(n,2np)In-124g	TALYS-6a	0	25
Sn-126(n,2np)In-124m	TALYS-6a	0	25
Sn-126(n,3np)In-123g	TALYS-6a	0	20
Sn-126(n,3np)In-123m	TALYS-6a	0	19
Sn-126(n,n'2p)Cd-124	TALYS-6a	0 [8]	18
Sn-126(n,n'pa)Ag-121	TALYS-6a	0 [8,7,8]	16
>Sn-126(n,g)Sn-127g	TALYS-6a	0	100
>Sn-126(n,g)Sn-127m	TALYS-6a	0	100
Sn-126(n,p)In-126g	TALYS-6a	0	45
Sn-126(n,p)In-126m	TALYS-6a	0	45
Sn-126(n,d)In-125g	TALYS-6a	0	38
Sn-126(n,d)In-125m	TALYS-6a	0	38
Sn-126(n,t)In-124g	TALYS-6a	0	34
Sn-126(n,t)In-124m	TALYS-6a	0	34
Sn-126(n,h)Cd-124	TALYS-6a	0 [8]	26
+Sn-126(n,a)Cd-123g	TALYS-6a	0	54
+Sn-126(n,a)Cd-123m	TALYS-6a	0	52
Sn-126(n,2p)Cd-125	TALYS-6a	0	23
Sn-126(n,pd)Cd-124	TALYS-6a	0 [8]	20
Sn-126(n,5n)Sn-122	TALYS-6a	0	18
Sn-126(n,6n)Sn-121g	TALYS-6a	0	13
Sn-126(n,6n)Sn-121m	TALYS-6a	0	13
Sn-126(n,2nt)In-122g	TALYS-6a	0 [4]	19
Sn-126(n,2nt)In-122m	TALYS-6a	0 [4,7,8]	18
Sn-126(n,2nt)In-122n	TALYS-6a	0 [4,7,8]	18
Sn-126(n,4np)In-122g	TALYS-6a	0 [4]	14
Sn-126(n,4np)In-122m	TALYS-6a	0 [4,7,8]	13
Sn-126(n,4np)In-122n	TALYS-6a	0 [4,7,8]	13
Sn-126(n,3nd)In-122g	TALYS-6a	0 [4]	15
Sn-126(n,3nd)In-122m	TALYS-6a	0 [4,7,8]	14
Sn-126(n,3nd)In-122n	TALYS-6a	0 [4,7,8]	14
Sn-126(n,2npa)Ag-120	TALYS-6a	0	13
Sn-126(n,7n)Sn-120	TALYS-6a	0	10
Sn-126(n,8n)Sn-119g	TALYS-6a	0	5
Sn-126(n,8n)Sn-119m	TALYS-6a	0	5
Sn-126(n,5np)In-121g	TALYS-6a	0	11
Sn-126(n,5np)In-121m	TALYS-6a	0	11
Sn-126(n,6np)In-120g	TALYS-6a	0 [4]	7
Sn-126(n,6np)In-120m	TALYS-6a	0 [4,7,8]	7
Sn-126(n,6np)In-120n	TALYS-6a	0 [4,7,8]	6
Sn-126(n,4na)Cd-119g	TALYS-6a	0	15
Sn-126(n,4na)Cd-119m	TALYS-6a	0	15
Sn-126(n,5na)Cd-118	TALYS-6a	0 [8]	12
Sn-126(n,6na)Cd-117g	TALYS-6a	0	8
Sn-126(n,6na)Cd-117m	TALYS-6a	0	8
Sn-126(n,4nd)In-121g	TALYS-6a	0	12
Sn-126(n,4nd)In-121m	TALYS-6a	0	12
Sn-126(n,5nd)In-120g	TALYS-6a	0 [4]	8
Sn-126(n,5nd)In-120m	TALYS-6a	0 [4,7,8]	8
Sn-126(n,5nd)In-120n	TALYS-6a	0 [4,7,8]	7
Sn-126(n,6nd)In-119g	TALYS-6a	0	5
Sn-126(n,6nd)In-119m	TALYS-6a	0	5
Sn-126(n,3nt)In-121g	TALYS-6a	0	15
Sn-126(n,3nt)In-121m	TALYS-6a	0	15
Sn-126(n,4nt)In-120g	TALYS-6a	0 [4]	11
Sn-126(n,4nt)In-120m	TALYS-6a	0 [4,7,8]	11
Sn-126(n,4nt)In-120n	TALYS-6a	0 [4,7,8]	10
Sn-126(n,5nt)In-119g	TALYS-6a	0	7
Sn-126(n,5nt)In-119m	TALYS-6a	0	7
Sn-126(n,2nh)Cd-122	TALYS-6a	0 [8]	15
Sn-126(n,3nh)Cd-121g	TALYS-6a	0	12
Sn-126(n,3nh)Cd-121m	TALYS-6a	0	11
Sn-126(n,4nh)Cd-120	TALYS-6a	0 [8]	9
Sn-126(n,3n2p)Cd-122	TALYS-6a	0 [8]	11
Sn-126(n,3n2a)Pd-116	TALYS-6a	0 [8]	11
Sn-126(n,3npa)Ag-119g	TALYS-6a	0 [4,8]	11
Sn-126(n,3npa)Ag-119m	TALYS-6a	0 [4,7,8,8]	10
Sn-126(n,n'pd)Cd-123g	TALYS-6a	0	14
Sn-126(n,n'pd)Cd-123m	TALYS-6a	0	14
Sn-126(n,2n2p)Cd-123g	TALYS-6a	0	14
Sn-126(n,2n2p)Cd-123m	TALYS-6a	0	13
Sb-119(n,2nd)Sn-116	TALYS-6a	0 [8]	26
Sb-119(n,2n)Sb-118g	TALYS-6a	0	42
Sb-119(n,2n)Sb-118m	TALYS-6a	0	42
Sb-119(n,3n)Sb-117	TALYS-6a	0	29
Sb-119(n,n'a)In-115g	TALYS-6a	0	58
Sb-119(n,n'a)In-115m	TALYS-6a	0	57
Sb-119(n,2na)In-114g	TALYS-6a	0	32
Sb-119(n,2na)In-114m	TALYS-6a	0	32
Sb-119(n,3na)In-113g	TALYS-6a	0	24
Sb-119(n,3na)In-113m	TALYS-6a	0	24
Sb-119(n,n'p)Sn-118	TALYS-6a	0 [8]	57
Sb-119(n,n'2a)Ag-111g	TALYS-6a	0	30
Sb-119(n,n'2a)Ag-111m	TALYS-6a	0	30
Sb-119(n,2n2a)Ag-110g	TALYS-6a	0	20
Sb-119(n,2n2a)Ag-110m	TALYS-6a	0	20
Sb-119(n,n'd)Sn-117g	TALYS-6a	0	34
Sb-119(n,n'd)Sn-117m	TALYS-6a	0	34
Sb-119(n,n't)Sn-116	TALYS-6a	0 [8]	32
Sb-119(n,n'h)In-116g	TALYS-6a	0	26
Sb-119(n,n'h)In-116m	TALYS-6a	0	26
Sb-119(n,n'h)In-116n	TALYS-6a	0	26
Sb-119(n,4n)Sb-116g	TALYS-6a	0	19
Sb-119(n,4n)Sb-116m	TALYS-6a	0	19
Sb-119(n,2np)Sn-117g	TALYS-6a	0	31
Sb-119(n,2np)Sn-117m	TALYS-6a	0	31
Sb-119(n,3np)Sn-116	TALYS-6a	0 [8]	24
Sb-119(n,n'2p)In-117g	TALYS-6a	0	28
Sb-119(n,n'2p)In-117m	TALYS-6a	0	28
Sb-119(n,n'pa)Cd-114	TALYS-6a	0 [8]	31
Sb-119(n,g)Sb-120g	MASGAM	0 [14,13,4,6]	83
Sb-119(n,g)Sb-120m	MASGAM	0 [14,13,4,6]	83
Sb-119(n,p)Sn-119g	TALYS-6a	0 [2]	100
Sb-119(n,p)Sn-119m	TALYS-6a	0 [2]	100
Sb-119(n,d)Sn-118	TALYS-6a	0 [8]	66
Sb-119(n,t)Sn-117g	TALYS-6a	0	48
Sb-119(n,t)Sn-117m	TALYS-6a	0	47
Sb-119(n,h)In-117g	TALYS-6a	0	39
Sb-119(n,h)In-117m	TALYS-6a	0	39
Sb-119(n,a)In-116g	TALYS-6a	0 [2]	100
Sb-119(n,a)In-116m	TALYS-6a	0 [2]	100
Sb-119(n,a)In-116n	TALYS-6a	0 [2]	100
Sb-119(n,2a)Ag-112	TALYS-6a	0	100
Sb-119(n,2p)In-118g	TALYS-6a	0	37
Sb-119(n,2p)In-118m	TALYS-6a	0	37
Sb-119(n,2p)In-118n	TALYS-6a	0	37
Sb-119(n,pa)Cd-115g	TALYS-6a	0	43
Sb-119(n,pa)Cd-115m	TALYS-6a	0	43
Sb-119(n,pd)In-117g	TALYS-6a	0	30
Sb-119(n,pd)In-117m	TALYS-6a	0	29
Sb-119(n,pt)In-116g	TALYS-6a	0	26
Sb-119(n,pt)In-116m	TALYS-6a	0	26
Sb-119(n,pt)In-116n	TALYS-6a	0	26
Sb-119(n,da)Cd-114	TALYS-6a	0 [8]	33
Sb-119(n,5n)Sb-115	TALYS-6a	0	14
Sb-119(n,6n)Sb-114	TALYS-6a	0	9
Sb-119(n,2nt)Sn-115	TALYS-6a	0 [8]	22
Sb-119(n,ta)Cd-113g	TALYS-6a	0	29
Sb-119(n,ta)Cd-113m	TALYS-6a	0	29
Sb-119(n,4np)Sn-115	TALYS-6a	0	16
Sb-119(n,3nd)Sn-115	TALYS-6a	0 [8]	16
Sb-119(n,n'da)Cd-113g	TALYS-6a	0	23
Sb-119(n,n'da)Cd-113m	TALYS-6a	0	23
Sb-119(n,2npa)Cd-113g	TALYS-6a	0	21
Sb-119(n,2npa)Cd-113m	TALYS-6a	0	21
Sb-119(n,7n)Sb-113	TALYS-6a	0	5
Sb-119(n,5np)Sn-114	TALYS-6a	0	12
Sb-119(n,6np)Sn-113g	TALYS-6a	0	7
Sb-119(n,6np)Sn-113m	TALYS-6a	0	7
Sb-119(n,4na)In-112g	TALYS-6a	0	15
Sb-119(n,4na)In-112m	TALYS-6a	0	15
Sb-119(n,5na)In-111g	TALYS-6a	0	12
Sb-119(n,5na)In-111m	TALYS-6a	0	11
Sb-119(n,6na)In-110g	TALYS-6a	0	6
Sb-119(n,6na)In-110m	TALYS-6a	0	6
Sb-119(n,4nd)Sn-114	TALYS-6a	0	13
Sb-119(n,5nd)Sn-113g	TALYS-6a	0	7
Sb-119(n,5nd)Sn-113m	TALYS-6a	0	7
Sb-119(n,3nt)Sn-114	TALYS-6a	0 [8]	15
Sb-119(n,4nt)Sn-113g	TALYS-6a	0	10
Sb-119(n,4nt)Sn-113m	TALYS-6a	0	10
Sb-119(n,5nt)Sn-112	TALYS-6a	0 [8]	6
Sb-119(n,2nh)In-115g	TALYS-6a	0	20
Sb-119(n,2nh)In-115m	TALYS-6a	0	19
Sb-119(n,3nh)In-114g	TALYS-6a	0	14
Sb-119(n,3nh)In-114m	TALYS-6a	0	14
Sb-119(n,4nh)In-113g	TALYS-6a	0	10

Reaction	Library	Flag	Refs	Value
Sb-119(n,4nh)In-113m	TALYS-6a	0		10
Sb-119(n,3n2p)In-115g	TALYS-6a	0		14
Sb-119(n,3n2p)In-115m	TALYS-6a	0		14
Sb-119(n,3n2a)Ag-109g	TALYS-6a	0		15
Sb-119(n,3n2a)Ag-109m	TALYS-6a	0		15
Sb-119(n,3npa)Cd-112	TALYS-6a	0	[8]	16
Sb-119(n,dt)In-115g	TALYS-6a	0		21
Sb-119(n,dt)In-115m	TALYS-6a	0		20
Sb-119(n,n'pd)In-116g	TALYS-6a	0		21
Sb-119(n,n'pd)In-116m	TALYS-6a	0		21
Sb-119(n,n'pd)In-116n	TALYS-6a	0		20
Sb-119(n,n'pt)In-115g	TALYS-6a	0		20
Sb-119(n,n'pt)In-115m	TALYS-6a	0		19
Sb-119(n,n'dt)In-114g	TALYS-6a	0		14
Sb-119(n,n'dt)In-114m	TALYS-6a	0		14
Sb-119(n,n'ph)Cd-115g	TALYS-6a	0		15
Sb-119(n,n'ph)Cd-115m	TALYS-6a	0		16
Sb-119(n,n'ta)Cd-112	TALYS-6a	0	[8]	22
Sb-119(n,2n2p)In-116g	TALYS-6a	0		19
Sb-119(n,2n2p)In-116m	TALYS-6a	0		19
Sb-119(n,2n2p)In-116n	TALYS-6a	0		19
Sb-119(n,4n2p)In-114g	TALYS-6a	0		10
Sb-119(n,4n2p)In-114m	TALYS-6a	0		10
Sb-119(n,4n2a)Ag-108g	TALYS-6a	0		10
Sb-119(n,4n2a)Ag-108m	TALYS-6a	0		10
Sb-119(n,4npa)Cd-111g	TALYS-6a	0		11
Sb-119(n,4npa)Cd-111m	TALYS-6a	0		11
Sb-119(n,n'3p)Cd-116	TALYS-6a	0	[8]	16
Sb-120m(n,n')Sb-120g	TALYS-5a	0	[7,8]	97
Sb-120m(n,2nd)Sn-117g	TALYS-5a	0		26
Sb-120m(n,2nd)Sn-117m	TALYS-5a	0		26
+Sb-120m(n,2n)Sb-119g	TALYS-5a	0	[4,7,8]	51
+Sb-120m(n,2n)Sb-119m	TALYS-5a	0	[4,7,8]	41
Sb-120m(n,3n)Sb-118g	TALYS-5a	0		30
Sb-120m(n,3n)Sb-118m	TALYS-5a	0		30
Sb-120m(n,n'a)In-116g	TALYS-5a	0		57
Sb-120m(n,n'a)In-116m	TALYS-5a	0		57
Sb-120m(n,n'a)In-116n	TALYS-5a	0		56
Sb-120m(n,2na)In-115g	TALYS-5a	0		36
Sb-120m(n,2na)In-115m	TALYS-5a	0		35
Sb-120m(n,3na)In-114g	TALYS-5a	0		24
Sb-120m(n,3na)In-114m	TALYS-5a	0		24
Sb-120m(n,n'p)Sn-119g	TALYS-5a	0		54
Sb-120m(n,n'p)Sn-119m	TALYS-5a	0		54
Sb-120m(n,n'2a)Ag-112	TALYS-5a	0	[8,7,8]	28
Sb-120m(n,2n2a)Ag-111g	TALYS-5a	0		22
Sb-120m(n,2n2a)Ag-111m	TALYS-5a	0		22
Sb-120m(n,n'd)Sn-118	TALYS-5a	0	[8,7,8]	39
Sb-120m(n,n't)Sn-117g	TALYS-5a	0		33
Sb-120m(n,n't)Sn-117m	TALYS-5a	0		32
Sb-120m(n,n'h)In-117g	TALYS-5a	0		28
Sb-120m(n,n'h)In-117m	TALYS-5a	0		28
Sb-120m(n,4n)Sb-117	TALYS-5a	0		22
Sb-120m(n,2np)Sn-118	TALYS-5a	0	[8,7,8]	36
Sb-120m(n,3np)Sn-117g	TALYS-5a	0		24
Sb-120m(n,3np)Sn-117m	TALYS-5a	0		24
Sb-120m(n,n'2p)In-118g	TALYS-5a	0		27
Sb-120m(n,n'2p)In-118m	TALYS-5a	0		27
Sb-120m(n,n'2p)In-118n	TALYS-5a	0		27
Sb-120m(n,n'pa)Cd-115g	TALYS-5a	0		30
Sb-120m(n,n'pa)Cd-115m	TALYS-5a	0		30
Sb-120m(n,g)Sb-121	MASGAM	0	[14,13,4]	83
Sb-120m(n,p)Sn-120	TALYS-5a	0	[2]	100
Sb-120m(n,d)Sn-119g	TALYS-5a	0		63
Sb-120m(n,d)Sn-119m	TALYS-5a	0		63
Sb-120m(n,t)Sn-118	TALYS-5a	0	[8,7,8]	60
Sb-120m(n,h)In-118g	TALYS-5a	0		36
Sb-120m(n,h)In-118m	TALYS-5a	0		37
Sb-120m(n,h)In-118n	TALYS-5a	0		37
Sb-120m(n,a)In-117g	TALYS-5a	0	[2]	100
Sb-120m(n,a)In-117m	TALYS-5a	0	[2]	100
Sb-120m(n,2a)Ag-113g	TALYS-5a	0		100
Sb-120m(n,2a)Ag-113m	TALYS-5a	0	[7]	100
Sb-120m(n,2p)In-119g	TALYS-5a	0		41
Sb-120m(n,2p)In-119m	TALYS-5a	0		40
Sb-120m(n,pa)Cd-116	TALYS-5a	0	[8,7,8]	48
Sb-120m(n,pd)In-118g	TALYS-5a	0		29
Sb-120m(n,pd)In-118m	TALYS-5a	0		29
Sb-120m(n,pd)In-118n	TALYS-5a	0		29
Sb-120m(n,pt)In-117g	TALYS-5a	0		29
Sb-120m(n,pt)In-117m	TALYS-5a	0		28
Sb-120m(n,da)Cd-115g	TALYS-5a	0		31
Sb-120m(n,da)Cd-115m	TALYS-5a	0		32
Sb-120m(n,5n)Sb-116g	TALYS-5a	0		14
Sb-120m(n,5n)Sb-116m	TALYS-5a	0		14
Sb-120m(n,6n)Sb-115	TALYS-5a	0		10
Sb-120m(n,2nt)Sn-116	TALYS-5a	0	[8,7,8]	25
Sb-120m(n,ta)Cd-114	TALYS-5a	0	[8,7,8]	32
Sb-120m(n,4np)Sn-116	TALYS-5a	0	[8,7,8]	17
Sb-120m(n,3nd)Sn-116	TALYS-5a	0	[8,7,8]	19
Sb-120m(n,n'da)Cd-114	TALYS-5a	0	[8,7,8]	25
Sb-120m(n,2npa)Cd-114	TALYS-5a	0	[8,7,8]	24
Sb-120m(n,7n)Sb-114	TALYS-5a	0		5
Sb-120m(n,5np)Sn-115	TALYS-5a	0		12
Sb-120m(n,6np)Sn-114	TALYS-5a	0	[8,7,8]	8
Sb-120m(n,4na)In-113g	TALYS-5a	0		17
Sb-120m(n,4na)In-113m	TALYS-5a	0		17
Sb-120m(n,5na)In-112g	TALYS-5a	0		12
Sb-120m(n,5na)In-112m	TALYS-5a	0		12
Sb-120m(n,6na)In-111g	TALYS-5a	0		8
Sb-120m(n,6na)In-111m	TALYS-5a	0		8
Sb-120m(n,4nd)Sn-115	TALYS-5a	0	[8,7,8]	13
Sb-120m(n,5nd)Sn-114	TALYS-5a	0	[8,7,8]	9
Sb-120m(n,3nt)Sn-115	TALYS-5a	0	[8,7,8]	16
Sb-120m(n,4nt)Sn-114	TALYS-5a	0	[8,7,8]	12
Sb-120m(n,5nt)Sn-113g	TALYS-5a	0		7
Sb-120m(n,5nt)Sn-113m	TALYS-5a	0		7
Sb-120m(n,2nh)In-116g	TALYS-5a	0		20
Sb-120m(n,2nh)In-116m	TALYS-5a	0		20
Sb-120m(n,2nh)In-116n	TALYS-5a	0		19
Sb-120m(n,3nh)In-115g	TALYS-5a	0		15
Sb-120m(n,3nh)In-115m	TALYS-5a	0		14
Sb-120m(n,4nh)In-114g	TALYS-5a	0		10
Sb-120m(n,4nh)In-114m	TALYS-5a	0		10
Sb-120m(n,3n2p)In-116g	TALYS-5a	0		14
Sb-120m(n,3n2p)In-116m	TALYS-5a	0		14
Sb-120m(n,3n2p)In-116n	TALYS-5a	0		14
Sb-120m(n,3n2a)Ag-110g	TALYS-5a	0		14
Sb-120m(n,3n2a)Ag-110m	TALYS-5a	0		15
Sb-120m(n,3npa)Cd-113g	TALYS-5a	0		15
Sb-120m(n,3npa)Cd-113m	TALYS-5a	0		15
Sb-120m(n,n'pd)In-117g	TALYS-5a	0		23
Sb-120m(n,n'pd)In-117m	TALYS-5a	0		22
Sb-120m(n,n'pt)In-116g	TALYS-5a	0		20
Sb-120m(n,n'pt)In-116m	TALYS-5a	0		20
Sb-120m(n,n'pt)In-116n	TALYS-5a	0		20
Sb-120m(n,n'dt)In-115g	TALYS-5a	0		16
Sb-120m(n,n'dt)In-115m	TALYS-5a	0		15
Sb-120m(n,n'ph)Cd-116	TALYS-5a	0	[8,7,8]	16
Sb-120m(n,n'ta)Cd-113g	TALYS-5a	0		22
Sb-120m(n,n'ta)Cd-113m	TALYS-5a	0		22
Sb-120m(n,2n2p)In-117g	TALYS-5a	0		21
Sb-120m(n,2n2p)In-117m	TALYS-5a	0		20
Sb-120m(n,4n2p)In-115g	TALYS-5a	0		11
Sb-120m(n,4n2p)In-115m	TALYS-5a	0		11
Sb-120m(n,4n2a)Ag-109g	TALYS-5a	0		11
Sb-120m(n,4n2a)Ag-109m	TALYS-5a	0		11
Sb-120m(n,4npa)Cd-112	TALYS-5a	0	[8,7,8]	12
Sb-121(n,2nd)Sn-118	TALYS-6a	0	[8]	26
Sb-121(n,2n)Sb-120g	ADL-3	6	[13,4]	45
Sb-121(n,2n)Sb-120m	ADL-3	4	[13]	45
+Sb-121(n,3n)Sb-119g	TALYS-6a	0	[4]	30
+Sb-121(n,3n)Sb-119m	TALYS-6a	0	[4,7,8]	26
Sb-121(n,n'a)In-117g	TALYS-6a	0		55
Sb-121(n,n'a)In-117m	TALYS-6a	0		53
Sb-121(n,2na)In-116g	TALYS-6a	0		31
Sb-121(n,2na)In-116m	TALYS-6a	0		31
Sb-121(n,2na)In-116n	TALYS-6a	0		31
Sb-121(n,3na)In-115g	TALYS-6a	0		24
Sb-121(n,3na)In-115m	TALYS-6a	0		24
Sb-121(n,n'p)Sn-120	TALYS-6a	0	[8]	53
Sb-121(n,n'2a)Ag-113g	TALYS-6a	0		28
Sb-121(n,n'2a)Ag-113m	TALYS-6a	0		28
Sb-121(n,2n2a)Ag-112	TALYS-6a	0	[8]	18
Sb-121(n,n'd)Sn-119g	TALYS-6a	0		33
Sb-121(n,n'd)Sn-119m	TALYS-6a	0		33
Sb-121(n,n't)Sn-118	TALYS-6a	0	[8]	32
Sb-121(n,n'h)In-118g	TALYS-6a	0		25
Sb-121(n,n'h)In-118m	TALYS-6a	0		25
Sb-121(n,n'h)In-118n	TALYS-6a	0		25
Sb-121(n,4n)Sb-118g	TALYS-6a	0		20
Sb-121(n,4n)Sb-118m	TALYS-6a	0		20
Sb-121(n,2np)Sn-119g	TALYS-6a	0		31
Sb-121(n,2np)Sn-119m	TALYS-6a	0		31
Sb-121(n,3np)Sn-118	TALYS-6a	0	[8]	24
Sb-121(n,n'2p)In-119g	TALYS-6a	0		26
Sb-121(n,n'2p)In-119m	TALYS-6a	0		26
Sb-121(n,n'pa)Cd-116	TALYS-6a	0	[8]	29
Sb-121(n,g)Sb-122g	JEF-2.2	3	[14,13,4,6]	15692
Sb-121(n,g)Sb-122m	JEF-2.2	3	[14,13,4,6]	15692
Sb-121(n,p)Sn-121g	TALYS-5a	2	[3]	100
Sb-121(n,p)Sn-121m	TALYS-5a	0	[2]	100
Sb-121(n,d)Sn-120	TALYS-6a	0	[8]	62
Sb-121(n,t)Sn-119g	TALYS-6a	0		46
Sb-121(n,t)Sn-119m	TALYS-6a	0		46
Sb-121(n,h)In-119g	TALYS-6a	0		36
Sb-121(n,h)In-119m	TALYS-6a	0		36
Sb-121(n,a)In-118g	TALYS-6a	0	[9,2,3]	15663
Sb-121(n,a)In-118m	TALYS-6a	0	[9,2,3]	15663
Sb-121(n,a)In-118n	TALYS-6a	0	[9,2,3]	15663
Sb-121(n,2p)In-120g	TALYS-6a	0	[4]	34
Sb-121(n,2p)In-120m	TALYS-6a	0	[4,7,8]	34
Sb-121(n,2p)In-120n	TALYS-6a	0	[4,7,8]	34
Sb-121(n,pa)Cd-117g	TALYS-6a	0		38
Sb-121(n,pa)Cd-117m	TALYS-6a	0		38
Sb-121(n,pd)In-119g	TALYS-6a	0		28
Sb-121(n,pd)In-119m	TALYS-6a	0		28
Sb-121(n,pt)In-118g	TALYS-6a	0		25
Sb-121(n,pt)In-118m	TALYS-6a	0		25
Sb-121(n,pt)In-118n	TALYS-6a	0		25
Sb-121(n,da)Cd-116	TALYS-6a	0	[8]	30
Sb-121(n,5n)Sb-117	TALYS-6a	0		15
Sb-121(n,6n)Sb-116g	TALYS-6a	0		10
Sb-121(n,6n)Sb-116m	TALYS-6a	0		10
Sb-121(n,2nt)Sn-117g	TALYS-6a	0		22
Sb-121(n,2nt)Sn-117m	TALYS-6a	0		22
Sb-121(n,4np)Sn-117g	TALYS-6a	0		16
Sb-121(n,4np)Sn-117m	TALYS-6a	0		16
Sb-121(n,3nd)Sn-117g	TALYS-6a	0		17
Sb-121(n,3nd)Sn-117m	TALYS-6a	0		16
Sb-121(n,n'da)Cd-115g	TALYS-6a	0		21
Sb-121(n,n'da)Cd-115m	TALYS-6a	0		21
Sb-121(n,2npa)Cd-115g	TALYS-6a	0		20
Sb-121(n,2npa)Cd-115m	TALYS-6a	0		20
Sb-121(n,7n)Sb-115	TALYS-6a	0		6
Sb-121(n,5np)Sn-116	TALYS-6a	0	[8]	12
Sb-121(n,6np)Sn-115	TALYS-6a	0		8
Sb-121(n,4na)In-114g	TALYS-6a	0		16
Sb-121(n,4na)In-114m	TALYS-6a	0		16
Sb-121(n,5na)In-113g	TALYS-6a	0		12
Sb-121(n,5na)In-113m	TALYS-6a	0		12
Sb-121(n,6na)In-112g	TALYS-6a	0		7
Sb-121(n,6na)In-112m	TALYS-6a	0		7

Sb-121(n,4nd)Sn-116	TALYS-6a	0 [8]	13	Sb-122(n,6na)In-113g	TALYS-6a	0	8
Sb-121(n,5nd)Sn-115	TALYS-6a	0 [8]	8	Sb-122(n,6na)In-113m	TALYS-6a	0	8
Sb-121(n,3nt)Sn-116	TALYS-6a	0 [8]	16	Sb-122(n,4nd)Sn-117g	TALYS-6a	0	13
Sb-121(n,4nt)Sn-115	TALYS-6a	0 [8]	11	Sb-122(n,4nd)Sn-117m	TALYS-6a	0	13
Sb-121(n,5nt)Sn-114	TALYS-6a	0 [8]	7	Sb-122(n,5nd)Sn-116	TALYS-6a	0	10
Sb-121(n,2nh)In-117g	TALYS-6a	0	19	Sb-122(n,3nt)Sn-117g	TALYS-6a	0	16
Sb-121(n,2nh)In-117m	TALYS-6a	0	19	Sb-122(n,3nt)Sn-117m	TALYS-6a	0	16
Sb-121(n,3nh)In-116g	TALYS-6a	0	13	Sb-122(n,4nt)Sn-116	TALYS-6a	0 [8]	12
Sb-121(n,3nh)In-116m	TALYS-6a	0	13	Sb-122(n,5nt)Sn-115	TALYS-6a	0 [8]	8
Sb-121(n,3nh)In-116n	TALYS-6a	0	13	Sb-122(n,2nh)In-118g	TALYS-6a	0	18
Sb-121(n,4nh)In-115g	TALYS-6a	0	10	Sb-122(n,2nh)In-118m	TALYS-6a	0	18
Sb-121(n,4nh)In-115m	TALYS-6a	0	10	Sb-122(n,2nh)In-118n	TALYS-6a	0	18
Sb-121(n,3n2p)In-117g	TALYS-6a	0	14	Sb-122(n,3nh)In-117g	TALYS-6a	0	14
Sb-121(n,3n2p)In-117m	TALYS-6a	0	14	Sb-122(n,3nh)In-117m	TALYS-6a	0	14
Sb-121(n,3n2a)Ag-111g	TALYS-6a	0	14	Sb-122(n,4nh)In-116g	TALYS-6a	0	10
Sb-121(n,3n2a)Ag-111m	TALYS-6a	0	14	Sb-122(n,4nh)In-116m	TALYS-6a	0	10
Sb-121(n,3npa)Cd-114	TALYS-6a	0 [8]	15	Sb-122(n,4nh)In-116n	TALYS-6a	0	10
Sb-121(n,n'pd)In-118g	TALYS-6a	0	19	Sb-122(n,3n2p)In-118g	TALYS-6a	0	14
Sb-121(n,n'pd)In-118m	TALYS-6a	0	19	Sb-122(n,3n2p)In-118m	TALYS-6a	0	14
Sb-121(n,n'pd)In-118n	TALYS-6a	0	19	Sb-122(n,3n2p)In-118n	TALYS-6a	0	14
Sb-121(n,n'pt)In-117g	TALYS-6a	0	19	Sb-122(n,3n2a)Ag-112	TALYS-6a	0 [8]	14
Sb-121(n,n'pt)In-117m	TALYS-6a	0	19	Sb-122(n,3npa)Cd-115g	TALYS-6a	0	15
Sb-121(n,n'dt)In-116g	TALYS-6a	0	14	Sb-122(n,3npa)Cd-115m	TALYS-6a	0	15
Sb-121(n,n'dt)In-116m	TALYS-6a	0	14	Sb-122(n,n'pd)In-119g	TALYS-6a	0	21
Sb-121(n,n'dt)In-116n	TALYS-6a	0	14	Sb-122(n,n'pd)In-119m	TALYS-6a	0	21
Sb-121(n,n'ph)Cd-117g	TALYS-6a	0	14	Sb-122(n,n'pt)In-118g	TALYS-6a	0	18
Sb-121(n,n'ph)Cd-117m	TALYS-6a	0	14	Sb-122(n,n'pt)In-118m	TALYS-6a	0	18
Sb-121(n,n'ta)Cd-114	TALYS-6a	0 [8]	21	Sb-122(n,n'pt)In-118n	TALYS-6a	0	18
Sb-121(n,2n2p)In-118g	TALYS-6a	0	18	Sb-122(n,n'dt)In-117g	TALYS-6a	0	15
Sb-121(n,2n2p)In-118m	TALYS-6a	0	18	Sb-122(n,n'dt)In-117m	TALYS-6a	0	15
Sb-121(n,2n2p)In-118n	TALYS-6a	0	18	Sb-122(n,n'ta)Cd-115g	TALYS-6a	0	20
Sb-121(n,4n2p)In-116g	TALYS-6a	0	10	Sb-122(n,n'ta)Cd-115m	TALYS-6a	0	20
Sb-121(n,4n2p)In-116m	TALYS-6a	0	10	Sb-122(n,2n2p)In-119g	TALYS-6a	0	19
Sb-121(n,4n2p)In-116n	TALYS-6a	0	10	Sb-122(n,2n2p)In-119m	TALYS-6a	0	19
Sb-121(n,4n2a)Ag-110g	TALYS-6a	0	9	Sb-122(n,4n2p)In-117g	TALYS-6a	0	10
Sb-121(n,4n2a)Ag-110m	TALYS-6a	0	9	Sb-122(n,4n2p)In-117m	TALYS-6a	0	10
Sb-121(n,4npa)Cd-113g	TALYS-6a	0	10	Sb-122(n,4n2a)Ag-111g	TALYS-6a	0	10
Sb-121(n,4npa)Cd-113m	TALYS-6a	0	10	Sb-122(n,4n2a)Ag-111m	TALYS-6a	0	10
Sb-122(n,n')Sb-122m	TALYS-6a	0	89	Sb-122(n,4npa)Cd-114	TALYS-6a	0 [8]	11
Sb-122(n,2nd)Sn-119g	TALYS-6a	0	26	Sb-123(n,2nd)Sn-120	TALYS-6a	0 [8]	26
Sb-122(n,2nd)Sn-119m	TALYS-6a	0	26	Sb-123(n,2n)Sb-122g	ADL-3	1 [13]	45
Sb-122(n,2n)Sb-121	TALYS-6a	0	51	Sb-123(n,2n)Sb-122m	ADL-3	2 [13]	45
Sb-122(n,3n)Sb-120g	TALYS-6a	0 [4]	30	Sb-123(n,3n)Sb-121	TALYS-6a	0	31
Sb-122(n,3n)Sb-120m	TALYS-6a	0 [4,7,8]	29	Sb-123(n,n'a)In-119g	TALYS-6a	0	50
Sb-122(n,n'a)In-118g	TALYS-6a	0	52	Sb-123(n,n'a)In-119m	TALYS-6a	0	49
Sb-122(n,n'a)In-118m	TALYS-6a	0	52	Sb-123(n,2na)In-118g	TALYS-6a	0	30
Sb-122(n,n'a)In-118n	TALYS-6a	0	51	Sb-123(n,2na)In-118m	TALYS-6a	0	31
Sb-122(n,2na)In-117g	TALYS-6a	0	35	Sb-123(n,2na)In-118n	TALYS-6a	0	30
Sb-122(n,2na)In-117m	TALYS-6a	0	34	Sb-123(n,3na)In-117g	TALYS-6a	0	24
Sb-122(n,3na)In-116g	TALYS-6a	0	24	Sb-123(n,3na)In-117m	TALYS-6a	0	24
Sb-122(n,3na)In-116m	TALYS-6a	0	24	Sb-123(n,n'p)Sn-122	TALYS-6a	0 [8]	49
Sb-122(n,3na)In-116n	TALYS-6a	0	24	Sb-123(n,n'2a)Ag-115g	TALYS-6a	0	25
Sb-122(n,n'p)Sn-121g	TALYS-6a	0	50	Sb-123(n,n'2a)Ag-115m	TALYS-6a	0	25
Sb-122(n,n'p)Sn-121m	TALYS-6a	0	50	Sb-123(n,2n2a)Ag-114g	TALYS-6a	0 [4,8]	16
Sb-122(n,n'2a)Ag-114g	TALYS-6a	0 [4,8]	25	Sb-123(n,2n2a)Ag-114m	TALYS-6a	0 [4,7,8,8]	15
Sb-122(n,n'2a)Ag-114m	TALYS-6a	0 [4,7,8,8]	24	Sb-123(n,n'd)Sn-121g	TALYS-6a	0	32
Sb-122(n,2n2a)Ag-113g	TALYS-6a	0	20	Sb-123(n,n'd)Sn-121m	TALYS-6a	0	32
Sb-122(n,2n2a)Ag-113m	TALYS-6a	0	20	Sb-123(n,n't)Sn-120	TALYS-6a	0 [8]	32
Sb-122(n,n'd)Sn-120	TALYS-6a	0 [8]	38	Sb-123(n,n'h)In-120g	TALYS-6a	0 [4]	24
Sb-122(n,n't)Sn-119g	TALYS-6a	0	32	Sb-123(n,n'h)In-120m	TALYS-6a	0 [4,7,8]	24
Sb-122(n,n't)Sn-119m	TALYS-6a	0	32	Sb-123(n,n'h)In-120n	TALYS-6a	0 [4,7,8]	23
Sb-122(n,n'h)In-119g	TALYS-6a	0	27	Sb-123(n,4n)Sb-120g	TALYS-6a	0 [4]	21
Sb-122(n,n'h)In-119m	TALYS-6a	0	27	Sb-123(n,4n)Sb-120m	TALYS-6a	0 [4,7,8]	20
+Sb-122(n,4n)Sb-119g	TALYS-6a	0 [4]	23	Sb-123(n,2np)Sn-121g	TALYS-6a	0	30
+Sb-122(n,4n)Sb-119m	TALYS-6a	0 [4,7,8]	19	Sb-123(n,2np)Sn-121m	TALYS-6a	0	30
Sb-122(n,2np)Sn-120	TALYS-6a	0 [8]	35	Sb-123(n,3np)Sn-120	TALYS-6a	0 [8]	24
Sb-122(n,3np)Sn-119g	TALYS-6a	0	24	Sb-123(n,n'2p)In-121g	TALYS-6a	0	25
Sb-122(n,3np)Sn-119m	TALYS-6a	0	24	Sb-123(n,n'2p)In-121m	TALYS-6a	0	24
Sb-122(n,n'2p)In-120g	TALYS-6a	0 [4]	25	Sb-123(n,npa)Cd-118	TALYS-6a	0 [8]	27
Sb-122(n,n'2p)In-120m	TALYS-6a	0 [4,7,8]	25	>Sb-123(n,g)Sb-124g	JEF-2.2	4 [13,3]	
Sb-122(n,n'2p)In-120n	TALYS-6a	0 [4,7,8]	25	13339			
Sb-122(n,n'pa)Cd-117g	TALYS-6a	0	27	>Sb-123(n,g)Sb-124m	JEF-2.2	2 [13,3]	
Sb-122(n,n'pa)Cd-117m	TALYS-6a	0	27	13339			
Sb-122(n,g)Sb-123	MASGAM	0 [14,13]	83	>Sb-123(n,g)Sb-124n	JEF-2.2	2 [13,3]	
Sb-122(n,p)Sn-122	TALYS-6a	0 [2]	100	13339			
Sb-122(n,d)Sn-121g	TALYS-6a	0	59	Sb-123(n,p)Sn-123g	ADL-3	1 [13]	45
Sb-122(n,d)Sn-121m	TALYS-6a	0	59	Sb-123(n,p)Sn-123m	ADL-3	2 [13]	45
Sb-122(n,t)Sn-120	TALYS-6a	0 [8]	58	Sb-123(n,d)Sn-122	TALYS-6a	0 [8]	58
Sb-122(n,h)In-120g	TALYS-6a	0 [4]	34	Sb-123(n,t)Sn-121g	TALYS-6a	0	45
Sb-122(n,h)In-120m	TALYS-6a	0 [4,7,8]	34	Sb-123(n,t)Sn-121m	TALYS-6a	0	45
Sb-122(n,h)In-120n	TALYS-6a	0 [4,7,8]	34	Sb-123(n,h)In-121g	TALYS-6a	0	33
Sb-122(n,a)In-119g	TALYS-6a	0 [2]	100	Sb-123(n,h)In-121m	TALYS-6a	0	33
Sb-122(n,a)In-119m	TALYS-6a	0 [2]	100	Sb-123(n,a)In-120g	TALYS-6a	0 [4,2]	100
Sb-122(n,2p)In-121g	TALYS-6a	0	37	Sb-123(n,a)In-120m	TALYS-6a	0 [4,7,2]	100
Sb-122(n,2p)In-121m	TALYS-6a	0	36	Sb-123(n,a)In-120n	TALYS-6a	0 [4,7,2]	100
Sb-122(n,pa)Cd-118	TALYS-6a	0 [8]	42	Sb-123(n,2p)In-122g	TALYS-6a	0 [4]	30
Sb-122(n,pd)In-120g	TALYS-6a	0 [4]	27	Sb-123(n,2p)In-122m	TALYS-6a	0 [4,7,8]	29
Sb-122(n,pd)In-120m	TALYS-6a	0 [4,7,8]	27	Sb-123(n,2p)In-122n	TALYS-6a	0 [4,7,8]	29
Sb-122(n,pd)In-120n	TALYS-6a	0 [4,7,8]	27	Sb-123(n,pd)In-121g	TALYS-6a	0	26
Sb-122(n,pt)In-119g	TALYS-6a	0	27	Sb-123(n,pd)In-121m	TALYS-6a	0	26
Sb-122(n,pt)In-119m	TALYS-6a	0	27	+Sb-123(n,5n)Sb-119g	TALYS-6a	0 [4]	15
Sb-122(n,5n)Sb-118g	TALYS-6a	0	15	+Sb-123(n,5n)Sb-119m	TALYS-6a	0 [4,7,8]	13
Sb-122(n,5n)Sb-118m	TALYS-6a	0	15	Sb-123(n,6n)Sb-118g	TALYS-6a	0	11
Sb-122(n,6n)Sb-117	TALYS-6a	0	11	Sb-123(n,6n)Sb-118m	TALYS-6a	0	10
Sb-122(n,2nt)Sn-118	TALYS-6a	0 [8]	25	Sb-123(n,2nt)Sn-119g	TALYS-6a	0	22
Sb-122(n,ta)Cd-116	TALYS-6a	0 [8]	30	Sb-123(n,2nt)Sn-119m	TALYS-6a	0	22
Sb-122(n,4np)Sn-118	TALYS-6a	0 [8]	17	Sb-123(n,4np)Sn-119g	TALYS-6a	0	16
Sb-122(n,3nd)Sn-118	TALYS-6a	0 [8]	19	Sb-123(n,4np)Sn-119m	TALYS-6a	0	16
Sb-122(n,n'da)Cd-116	TALYS-6a	0 [8]	23	Sb-123(n,3nd)Sn-119g	TALYS-6a	0	17
Sb-122(n,2npa)Cd-116	TALYS-6a	0 [8]	22	Sb-123(n,3nd)Sn-119m	TALYS-6a	0	17
Sb-122(n,7n)Sb-116g	TALYS-6a	0	6	Sb-123(n,n'da)Cd-117g	TALYS-6a	0	19
Sb-122(n,7n)Sb-116m	TALYS-6a	0	6	Sb-123(n,n'da)Cd-117m	TALYS-6a	0	19
Sb-122(n,5np)Sn-117g	TALYS-6a	0	12	Sb-123(n,2npa)Cd-117g	TALYS-6a	0	18
Sb-122(n,5np)Sn-117m	TALYS-6a	0	12	Sb-123(n,2npa)Cd-117m	TALYS-6a	0	18
Sb-122(n,6np)Sn-116	TALYS-6a	0	9	Sb-123(n,7n)Sb-117	TALYS-6a	0	7
Sb-122(n,4na)In-115g	TALYS-6a	0	17	Sb-123(n,5np)Sn-118	TALYS-6a	0	13
Sb-122(n,4na)In-115m	TALYS-6a	0	17	Sb-123(n,6np)Sn-117g	TALYS-6a	0	8
Sb-122(n,5na)In-114g	TALYS-6a	0	12	Sb-123(n,6np)Sn-117m	TALYS-6a	0	8
Sb-122(n,5na)In-114m	TALYS-6a	0	12	Sb-123(n,4na)In-116g	TALYS-6a	0	16

Reaction	Library	Flag	Ref	Value
Sb-123(n,4na)In-116m	TALYS-6a	0		16
Sb-123(n,4na)In-116n	TALYS-6a	0		16
Sb-123(n,5na)In-115g	TALYS-6a	0		12
Sb-123(n,5na)In-115m	TALYS-6a	0		12
Sb-123(n,6na)In-114g	TALYS-6a	0		7
Sb-123(n,6na)In-114m	TALYS-6a	0		7
Sb-123(n,4nd)Sn-118	TALYS-6a	0	[8]	13
Sb-123(n,5nd)Sn-117g	TALYS-6a	0		8
Sb-123(n,5nd)Sn-117m	TALYS-6a	0		8
Sb-123(n,3nt)Sn-118	TALYS-6a	0	[8]	16
Sb-123(n,4nt)Sn-117g	TALYS-6a	0		11
Sb-123(n,4nt)Sn-117m	TALYS-6a	0		11
Sb-123(n,5nt)Sn-116	TALYS-6a	0	[8]	8
Sb-123(n,2nh)In-119g	TALYS-6a	0		18
Sb-123(n,2nh)In-119m	TALYS-6a	0		18
Sb-123(n,3nh)In-118g	TALYS-6a	0		13
Sb-123(n,3nh)In-118m	TALYS-6a	0		13
Sb-123(n,3nh)In-118n	TALYS-6a	0		13
Sb-123(n,4nh)In-117g	TALYS-6a	0		10
Sb-123(n,4nh)In-117m	TALYS-6a	0		10
Sb-123(n,3n2p)In-119g	TALYS-6a	0		14
Sb-123(n,3n2p)In-119m	TALYS-6a	0		13
Sb-123(n,3n2a)Ag-113g	TALYS-6a	0		13
Sb-123(n,3n2a)Ag-113m	TALYS-6a	0		13
Sb-123(n,3npa)Cd-116	TALYS-6a	0	[8]	14
Sb-123(n,n'pd)In-120g	TALYS-6a	0	[4]	18
Sb-123(n,n'pd)In-120m	TALYS-6a	0	[4,7,8]	18
Sb-123(n,n'pd)In-120n	TALYS-6a	0	[4,7,8]	17
Sb-123(n,n'pt)In-119g	TALYS-6a	0		18
Sb-123(n,n'pt)In-119m	TALYS-6a	0		17
Sb-123(n,n'dt)In-118g	TALYS-6a	0		13
Sb-123(n,n'dt)In-118m	TALYS-6a	0		13
Sb-123(n,n'dt)In-118n	TALYS-6a	0		13
Sb-123(n,n'ta)Cd-116	TALYS-6a	0	[8]	20
Sb-123(n,2n2p)In-120g	TALYS-6a	0	[4]	16
Sb-123(n,2n2p)In-120m	TALYS-6a	0	[4,7,8]	16
Sb-123(n,2n2p)In-120n	TALYS-6a	0	[4,7,8]	15
Sb-123(n,4n2p)In-118g	TALYS-6a	0		9
Sb-123(n,4n2p)In-118m	TALYS-6a	0		9
Sb-123(n,4n2p)In-118n	TALYS-6a	0		9
Sb-123(n,4n2a)Ag-112	TALYS-6a	0	[8]	9
Sb-123(n,4npa)Cd-115g	TALYS-6a	0		10
Sb-123(n,4npa)Cd-115m	TALYS-6a	0		10
Sb-124(n,n')Sb-124m	TALYS-6a	0		92
Sb-124(n,n')Sb-124n	TALYS-6a	0		91
Sb-124(n,2nd)Sn-121g	TALYS-6a	0		25
Sb-124(n,2nd)Sn-121m	TALYS-6a	0		25
Sb-124(n,2n)Sb-123	TALYS-6a	0		53
Sb-124(n,3n)Sb-122g	TALYS-6a	0		31
Sb-124(n,3n)Sb-122m	TALYS-6a	0		31
Sb-124(n,n'a)In-120g	TALYS-6a	0	[4]	47
Sb-124(n,n'a)In-120m	TALYS-6a	0	[4,7,8]	47
Sb-124(n,n'a)In-120n	TALYS-6a	0	[4,7,8]	46
Sb-124(n,2na)In-119g	TALYS-6a	0		34
Sb-124(n,2na)In-119m	TALYS-6a	0		33
Sb-124(n,3na)In-118g	TALYS-6a	0		24
Sb-124(n,3na)In-118m	TALYS-6a	0		24
Sb-124(n,3na)In-118n	TALYS-6a	0		24
Sb-124(n,n'p)Sn-123g	TALYS-6a	0		46
Sb-124(n,n'p)Sn-123m	TALYS-6a	0		46
Sb-124(n,n'2a)Ag-116g	TALYS-6a	0		23
Sb-124(n,n'2a)Ag-116m	TALYS-6a	0		23
Sb-124(n,2n2a)Ag-115g	TALYS-6a	0		17
Sb-124(n,2n2a)Ag-115m	TALYS-6a	0		18
Sb-124(n,n'd)Sn-122	TALYS-6a	0	[8]	37
Sb-124(n,n't)Sn-121g	TALYS-6a	0		32
Sb-124(n,n't)Sn-121m	TALYS-6a	0		32
Sb-124(n,n'h)In-121g	TALYS-6a	0		26
Sb-124(n,n'h)In-121m	TALYS-6a	0		25
Sb-124(n,4n)Sb-121	TALYS-6a	0		24
Sb-124(n,2np)Sn-122	TALYS-6a	0	[8]	34
Sb-124(n,3np)Sn-121g	TALYS-6a	0		24
Sb-124(n,3np)Sn-121m	TALYS-6a	0		24
Sb-124(n,n'2p)In-122g	TALYS-6a	0	[4]	24
Sb-124(n,n'2p)In-122m	TALYS-6a	0	[4,7,8]	23
Sb-124(n,n'2p)In-122n	TALYS-6a	0	[4,7,8]	23
Sb-124(n,n'pa)Cd-119g	TALYS-6a	0		25
Sb-124(n,n'pa)Cd-119m	TALYS-6a	0		25
>Sb-124(n,g)Sb-125	JEF-2.2	2	[13,12]	153
Sb-124(n,p)Sn-124	TALYS-6a	0	[2]	100
Sb-124(n,d)Sn-123g	TALYS-6a	0		55
Sb-124(n,d)Sn-123m	TALYS-6a	0		55
Sb-124(n,t)Sn-122	TALYS-6a	0	[8]	55
Sb-124(n,h)In-122g	TALYS-6a	0	[4]	32
Sb-124(n,h)In-122m	TALYS-6a	0	[4,7,8]	30
Sb-124(n,h)In-122n	TALYS-6a	0	[4,7,8]	31
Sb-124(n,a)In-121g	TALYS-6a	0	[2]	100
Sb-124(n,a)In-121m	TALYS-6a	0	[2]	100
Sb-124(n,2p)In-123g	TALYS-6a	0		33
Sb-124(n,2p)In-123m	TALYS-6a	0		32
Sb-124(n,pd)In-122g	TALYS-6a	0	[4]	25
Sb-124(n,pd)In-122m	TALYS-6a	0	[4,7,8]	24
Sb-124(n,pd)In-122n	TALYS-6a	0	[4,7,8]	24
Sb-124(n,5n)Sb-120g	TALYS-6a	0	[4]	16
Sb-124(n,5n)Sb-120m	TALYS-6a	0	[4,7,8]	15
+Sb-124(n,6n)Sb-119g	TALYS-6a	0	[4]	12
+Sb-124(n,6n)Sb-119m	TALYS-6a	0	[4,7,8]	10
Sb-124(n,2nt)Sn-120	TALYS-6a	0	[8]	25
Sb-124(n,4np)Sn-120	TALYS-6a	0		18
Sb-124(n,3nd)Sn-120	TALYS-6a	0	[8]	19
Sb-124(n,n'da)Cd-118	TALYS-6a	0	[8]	21
Sb-124(n,2npa)Cd-118	TALYS-6a	0	[8]	20
Sb-124(n,7n)Sb-118g	TALYS-6a	0		7
Sb-124(n,7n)Sb-118m	TALYS-6a	0		7
Sb-124(n,8n)Sb-117	TALYS-6a	0		4
Sb-124(n,5np)Sn-119g	TALYS-6a	0		13
Sb-124(n,5np)Sn-119m	TALYS-6a	0		13
Sb-124(n,6np)Sn-118	TALYS-6a	0	[8]	9
Sb-124(n,4na)In-117g	TALYS-6a	0		17
Sb-124(n,4na)In-117m	TALYS-6a	0		17
Sb-124(n,5na)In-116g	TALYS-6a	0		12
Sb-124(n,5na)In-116m	TALYS-6a	0		12
Sb-124(n,5na)In-116n	TALYS-6a	0		12
Sb-124(n,6na)In-115g	TALYS-6a	0		9
Sb-124(n,6na)In-115m	TALYS-6a	0		8
Sb-124(n,4nd)Sn-119g	TALYS-6a	0		13
Sb-124(n,4nd)Sn-119m	TALYS-6a	0		13
Sb-124(n,5nd)Sn-118	TALYS-6a	0	[8]	10
Sb-124(n,6nd)Sn-117g	TALYS-6a	0		5
Sb-124(n,6nd)Sn-117m	TALYS-6a	0		5
Sb-124(n,3nt)Sn-119g	TALYS-6a	0		16
Sb-124(n,3nt)Sn-119m	TALYS-6a	0		16
Sb-124(n,4nt)Sn-118	TALYS-6a	0	[8]	13
Sb-124(n,5nt)Sn-117g	TALYS-6a	0		8
Sb-124(n,5nt)Sn-117m	TALYS-6a	0		8
Sb-124(n,2nh)In-120g	TALYS-6a	0	[4]	18
Sb-124(n,2nh)In-120m	TALYS-6a	0	[4,7,8]	18
Sb-124(n,2nh)In-120n	TALYS-6a	0	[4,7,8]	17
Sb-124(n,3nh)In-119g	TALYS-6a	0		14
Sb-124(n,3nh)In-119m	TALYS-6a	0		14
Sb-124(n,4nh)In-118g	TALYS-6a	0		10
Sb-124(n,4nh)In-118m	TALYS-6a	0		10
Sb-124(n,4nh)In-118n	TALYS-6a	0		10
Sb-124(n,3n2p)In-120g	TALYS-6a	0	[4]	13
Sb-124(n,3n2p)In-120m	TALYS-6a	0	[4,7,8]	13
Sb-124(n,3n2p)In-120n	TALYS-6a	0	[4,7,8]	12
Sb-124(n,3n2a)Ag-114g	TALYS-6a	0	[4,8]	13
Sb-124(n,3n2a)Ag-114m	TALYS-6a	0	[4,7,8,8]	12
Sb-124(n,3npa)Cd-117g	TALYS-6a	0		14
Sb-124(n,3npa)Cd-117m	TALYS-6a	0		14
Sb-124(n,n'pd)In-121g	TALYS-6a	0		20
Sb-124(n,n'pd)In-121m	TALYS-6a	0		19
Sb-124(n,n'pt)In-120g	TALYS-6a	0	[4]	17
Sb-124(n,n'pt)In-120m	TALYS-6a	0	[4,7,8]	17
Sb-124(n,n'pt)In-120n	TALYS-6a	0	[4,7,8]	16
Sb-124(n,n'dt)In-119g	TALYS-6a	0		15
Sb-124(n,n'dt)In-119m	TALYS-6a	0		14
Sb-124(n,n'ta)Cd-117g	TALYS-6a	0		18
Sb-124(n,n'ta)Cd-117m	TALYS-6a	0		19
Sb-124(n,2n2p)In-121g	TALYS-6a	0		18
Sb-124(n,2n2p)In-121m	TALYS-6a	0		18
Sb-124(n,4n2p)In-119g	TALYS-6a	0		10
Sb-124(n,4n2p)In-119m	TALYS-6a	0		10
Sb-124(n,4n2a)Ag-113g	TALYS-6a	0		10
Sb-124(n,4n2a)Ag-113m	TALYS-6a	0		10
Sb-124(n,4npa)Cd-116	TALYS-6a	0	[8]	11
Sb-125(n,2nd)Sn-122	TALYS-6a	0	[8]	26
Sb-125(n,2n)Sb-124g	TALYS-6a	0		44
Sb-125(n,2n)Sb-124m	TALYS-6a	0		44
Sb-125(n,2n)Sb-124n	TALYS-6a	0		44
Sb-125(n,3n)Sb-123	TALYS-6a	0		31
Sb-125(n,n'a)In-121g	TALYS-6a	0		46
Sb-125(n,n'a)In-121m	TALYS-6a	0		45
Sb-125(n,2na)In-120g	TALYS-6a	0	[4]	30
Sb-125(n,2na)In-120m	TALYS-6a	0	[4,7,8]	30
Sb-125(n,2na)In-120n	TALYS-6a	0	[4,7,8]	29
Sb-125(n,3na)In-119g	TALYS-6a	0		24
Sb-125(n,3na)In-119m	TALYS-6a	0		23
Sb-125(n,n'p)Sn-124	TALYS-6a	0	[8]	45
Sb-125(n,n'2a)Ag-117g	TALYS-6a	0		22
Sb-125(n,n'2a)Ag-117m	TALYS-6a	0		22
Sb-125(n,2n2a)Ag-116g	TALYS-6a	0		15
Sb-125(n,2n2a)Ag-116m	TALYS-6a	0		15
Sb-125(n,n'd)Sn-123g	TALYS-6a	0		32
Sb-125(n,n'd)Sn-123m	TALYS-6a	0		31
Sb-125(n,n't)Sn-122	TALYS-6a	0	[8]	32
Sb-125(n,n'h)In-122g	TALYS-6a	0	[4]	23
Sb-125(n,n'h)In-122m	TALYS-6a	0	[4,7,8]	21
Sb-125(n,n'h)In-122n	TALYS-6a	0	[4,7,8]	22
Sb-125(n,4n)Sb-122g	TALYS-6a	0		22
Sb-125(n,4n)Sb-122m	TALYS-6a	0		22
Sb-125(n,2np)Sn-123g	TALYS-6a	0		30
Sb-125(n,2np)Sn-123m	TALYS-6a	0		30
Sb-125(n,3np)Sn-122	TALYS-6a	0	[8]	24
Sb-125(n,n'2p)In-123g	TALYS-6a	0		23
Sb-125(n,n'2p)In-123m	TALYS-6a	0		22
Sb-125(n,n'pa)Cd-120	TALYS-6a	0	[8]	24
>Sb-125(n,g)Sb-126g	TALYS-6a	0		100
>Sb-125(n,g)Sb-126m	TALYS-6a	0		100
>Sb-125(n,g)Sb-126n	TALYS-6a	0		100
Sb-125(n,p)Sn-125g	TALYS-6a	0	[2]	75
Sb-125(n,p)Sn-125m	TALYS-6a	0	[2]	74
Sb-125(n,d)Sn-124	TALYS-6a	0	[8]	54
Sb-125(n,t)Sn-123g	TALYS-6a	0		44
Sb-125(n,t)Sn-123m	TALYS-6a	0		44
Sb-125(n,h)In-123g	TALYS-6a	0		31
Sb-125(n,h)In-123m	TALYS-6a	0		31
Sb-125(n,a)In-122g	TALYS-6a	0	[4,2]	100
Sb-125(n,a)In-122m	TALYS-6a	0	[4,7,2]	100
Sb-125(n,a)In-122n	TALYS-6a	0	[7,4,7,2]	100
Sb-125(n,2p)In-124g	TALYS-6a	0		29
Sb-125(n,2p)In-124m	TALYS-6a	0		29
Sb-125(n,pd)In-123g	TALYS-6a	0		25
Sb-125(n,pd)In-123m	TALYS-6a	0		24
Sb-125(n,5n)Sb-121	TALYS-6a	0		16
Sb-125(n,6n)Sb-120g	TALYS-6a	0	[4]	11
Sb-125(n,6n)Sb-120m	TALYS-6a	0	[4,7,8]	10
Sb-125(n,2nt)Sn-121g	TALYS-6a	0		22
Sb-125(n,2nt)Sn-121m	TALYS-6a	0		22
Sb-125(n,4np)Sn-121g	TALYS-6a	0		16
Sb-125(n,4np)Sn-121m	TALYS-6a	0		16
Sb-125(n,3nd)Sn-121g	TALYS-6a	0		17
Sb-125(n,3nd)Sn-121m	TALYS-6a	0		17
Sb-125(n,n'da)Cd-119g	TALYS-6a	0		17
Sb-125(n,n'da)Cd-119m	TALYS-6a	0		17
Sb-125(n,2npa)Cd-119g	TALYS-6a	0		16
Sb-125(n,2npa)Cd-119m	TALYS-6a	0		16
+Sb-125(n,7n)Sb-119g	TALYS-6a	0	[4]	8

Reaction	Library		Ref	Value
+Sb-125(n,7n)Sb-119m	TALYS-6a	0	[4,7,8]	5
Sb-125(n,5np)Sn-120	TALYS-6a	0		13
Sb-125(n,6np)Sn-119g	TALYS-6a	0		8
Sb-125(n,6np)Sn-119m	TALYS-6a	0		8
Sb-125(n,4na)In-118g	TALYS-6a	0		15
Sb-125(n,4na)In-118m	TALYS-6a	0		16
Sb-125(n,4na)In-118n	TALYS-6a	0		15
Sb-125(n,5na)In-117g	TALYS-6a	0		12
Sb-125(n,5na)In-117m	TALYS-6a	0		12
Sb-125(n,6na)In-116g	TALYS-6a	0		8
Sb-125(n,6na)In-116m	TALYS-6a	0		8
Sb-125(n,6na)In-116n	TALYS-6a	0		8
Sb-125(n,4nd)Sn-120	TALYS-6a	0	[8]	13
Sb-125(n,5nd)Sn-119g	TALYS-6a	0		9
Sb-125(n,5nd)Sn-119m	TALYS-6a	0		9
Sb-125(n,6nd)Sn-118	TALYS-6a	0		6
Sb-125(n,3nt)Sn-120	TALYS-6a	0	[8]	16
Sb-125(n,4nt)Sn-119g	TALYS-6a	0		12
Sb-125(n,4nt)Sn-119m	TALYS-6a	0		12
Sb-125(n,5nt)Sn-118	TALYS-6a	0	[8]	8
Sb-125(n,2nh)In-121g	TALYS-6a	0		17
Sb-125(n,2nh)In-121m	TALYS-6a	0		17
Sb-125(n,3nh)In-120g	TALYS-6a	0	[4]	13
Sb-125(n,3nh)In-120m	TALYS-6a	0	[4,7,8]	13
Sb-125(n,3nh)In-120n	TALYS-6a	0	[4,7,8]	12
Sb-125(n,4nh)In-119g	TALYS-6a	0		10
Sb-125(n,4nh)In-119m	TALYS-6a	0		10
Sb-125(n,3n2p)In-121g	TALYS-6a	0		13
Sb-125(n,3n2p)In-121m	TALYS-6a	0		13
Sb-125(n,3n2a)Ag-115g	TALYS-6a	0		12
Sb-125(n,3n2a)Ag-115m	TALYS-6a	0		12
Sb-125(n,3npa)Cd-118	TALYS-6a	0	[8]	14
Sb-125(n,n'pd)In-122g	TALYS-6a	0	[4]	17
Sb-125(n,n'pd)In-122m	TALYS-6a	0	[4,7,8]	16
Sb-125(n,n'pd)In-122n	TALYS-6a	0	[4,7,8]	16
Sb-125(n,n'pt)In-121g	TALYS-6a	0		17
Sb-125(n,n'pt)In-121m	TALYS-6a	0		16
Sb-125(n,n'dt)In-120g	TALYS-6a	0	[4]	13
Sb-125(n,n'dt)In-120m	TALYS-6a	0	[4,7,8]	13
Sb-125(n,n'dt)In-120n	TALYS-6a	0	[4,7,8]	12
Sb-125(n,n'ta)Cd-118	TALYS-6a	0	[8]	18
Sb-125(n,2n2p)In-122g	TALYS-6a	0	[4]	16
Sb-125(n,2n2p)In-122m	TALYS-6a	0	[4,7,8]	15
Sb-125(n,2n2p)In-122n	TALYS-6a	0	[4,7,8]	15
Sb-125(n,4n2p)In-120g	TALYS-6a	0	[4]	9
Sb-125(n,4n2p)In-120m	TALYS-6a	0	[4,7,8]	9
Sb-125(n,4n2p)In-120n	TALYS-6a	0	[4,7,8]	8
Sb-125(n,4npa)Cd-117g	TALYS-6a	0		9
Sb-125(n,4npa)Cd-117m	TALYS-6a	0		9
Sb-126(n,n')Sb-126m	TALYS-6a	0		92
Sb-126(n,n')Sb-126n	TALYS-6a	0		91
Sb-126(n,2nd)Sn-123g	TALYS-6a	0		26
Sb-126(n,2nd)Sn-123m	TALYS-6a	0		25
Sb-126(n,2n)Sb-125	TALYS-6a	0		54
Sb-126(n,3n)Sb-124g	TALYS-6a	0		31
Sb-126(n,3n)Sb-124m	TALYS-6a	0		31
Sb-126(n,3n)Sb-124n	TALYS-6a	0		31
Sb-126(n,n'a)In-122g	TALYS-6a	0	[4]	44
Sb-126(n,n'a)In-122m	TALYS-6a	0	[4,7,8]	43
Sb-126(n,n'a)In-122n	TALYS-6a	0	[4,7,8]	43
Sb-126(n,2na)In-121g	TALYS-6a	0		33
Sb-126(n,2na)In-121m	TALYS-6a	0		31
Sb-126(n,3na)In-120g	TALYS-6a	0	[4]	23
Sb-126(n,3na)In-120m	TALYS-6a	0	[4,7,8]	23
Sb-126(n,3na)In-120n	TALYS-6a	0	[4,7,8]	22
Sb-126(n,n'p)Sn-125g	TALYS-6a	0		44
Sb-126(n,n'p)Sn-125m	TALYS-6a	0		44
Sb-126(n,2n2a)Ag-117g	TALYS-6a	0		16
Sb-126(n,2n2a)Ag-117m	TALYS-6a	0		16
Sb-126(n,n'd)Sn-124	TALYS-6a	0	[8]	36
Sb-126(n,n't)Sn-123g	TALYS-6a	0		31
Sb-126(n,n't)Sn-123m	TALYS-6a	0		31
Sb-126(n,n'h)In-123g	TALYS-6a	0		24
Sb-126(n,n'h)In-123m	TALYS-6a	0		24
Sb-126(n,4n)Sb-123	TALYS-6a	0		25
Sb-126(n,2np)Sn-124	TALYS-6a	0	[8]	33
Sb-126(n,3np)Sn-123g	TALYS-6a	0		24
Sb-126(n,3np)Sn-123m	TALYS-6a	0		24
Sb-126(n,n'2p)In-124g	TALYS-6a	0		22
Sb-126(n,n'2p)In-124m	TALYS-6a	0		22
Sb-126(n,n'pa)Cd-121g	TALYS-6a	0		23
Sb-126(n,n'pa)Cd-121m	TALYS-6a	0		23
>Sb-126(n,g)Sb-127	TALYS-6a	0		100
Sb-126(n,p)Sn-126	TALYS-5a	0	[2]	100
Sb-126(n,d)Sn-125g	TALYS-6a	0		52
Sb-126(n,d)Sn-125m	TALYS-6a	0		51
Sb-126(n,t)Sn-124	TALYS-6a	0	[8]	53
Sb-126(n,h)In-124g	TALYS-6a	0		30
Sb-126(n,h)In-124m	TALYS-6a	0		30
Sb-126(n,a)In-123g	TALYS-6a	0	[2]	100
Sb-126(n,a)In-123m	TALYS-6a	0	[2]	100
Sb-126(n,2p)In-125g	TALYS-6a	0		30
Sb-126(n,2p)In-125m	TALYS-6a	0		29
Sb-126(n,pd)In-124g	TALYS-6a	0		24
Sb-126(n,pd)In-124m	TALYS-6a	0		24
Sb-126(n,5n)Sb-122g	TALYS-6a	0		16
Sb-126(n,5n)Sb-122m	TALYS-6a	0		16
Sb-126(n,6n)Sb-121	TALYS-6a	0		13
Sb-126(n,2nt)Sn-122	TALYS-6a	0	[8]	25
Sb-126(n,4np)Sn-122	TALYS-6a	0		18
Sb-126(n,3nd)Sn-122	TALYS-6a	0	[8]	19
Sb-126(n,n'da)Cd-120	TALYS-6a	0	[8]	19
Sb-126(n,2npa)Cd-120	TALYS-6a	0	[8]	18
Sb-126(n,7n)Sb-120g	TALYS-6a	0	[4]	8
Sb-126(n,7n)Sb-120m	TALYS-6a	0	[4,7,8]	7
+Sb-126(n,8n)Sb-119g	TALYS-6a	0	[4]	5
+Sb-126(n,8n)Sb-119m	TALYS-6a	0	[4,7,8]	2
Sb-126(n,5np)Sn-121g	TALYS-6a	0		13
Sb-126(n,5np)Sn-121m	TALYS-6a	0		13
Sb-126(n,6np)Sn-120	TALYS-6a	0		10
Sb-126(n,4na)In-119g	TALYS-6a	0		17
Sb-126(n,4na)In-119m	TALYS-6a	0		16
Sb-126(n,5na)In-118g	TALYS-6a	0		12
Sb-126(n,5na)In-118m	TALYS-6a	0		12
Sb-126(n,5na)In-118n	TALYS-6a	0		12
Sb-126(n,6na)In-117g	TALYS-6a	0		9
Sb-126(n,6na)In-117m	TALYS-6a	0		9
Sb-126(n,4nd)Sn-121g	TALYS-6a	0		13
Sb-126(n,4nd)Sn-121m	TALYS-6a	0		14
Sb-126(n,5nd)Sn-120	TALYS-6a	0	[8]	10
Sb-126(n,6nd)Sn-119g	TALYS-6a	0		6
Sb-126(n,6nd)Sn-119m	TALYS-6a	0		6
Sb-126(n,3nt)Sn-121g	TALYS-6a	0		16
Sb-126(n,3nt)Sn-121m	TALYS-6a	0		16
Sb-126(n,4nt)Sn-120	TALYS-6a	0	[8]	13
Sb-126(n,5nt)Sn-119g	TALYS-6a	0		8
Sb-126(n,5nt)Sn-119m	TALYS-6a	0		8
Sb-126(n,2nh)In-122g	TALYS-6a	0	[4]	17
Sb-126(n,2nh)In-122m	TALYS-6a	0	[4,7,8]	16
Sb-126(n,2nh)In-122n	TALYS-6a	0	[4,7,8]	16
Sb-126(n,3nh)In-121g	TALYS-6a	0		14
Sb-126(n,3nh)In-121m	TALYS-6a	0		14
Sb-126(n,4nh)In-120g	TALYS-6a	0	[4]	10
Sb-126(n,4nh)In-120m	TALYS-6a	0	[4,7,8]	10
Sb-126(n,4nh)In-120n	TALYS-6a	0	[4,7,8]	9
Sb-126(n,3n2p)In-122g	TALYS-6a	0	[4]	13
Sb-126(n,3n2p)In-122m	TALYS-6a	0	[4,7,8]	11
Sb-126(n,3n2p)In-122n	TALYS-6a	0	[4,7,8]	12
Sb-126(n,3n2a)Ag-116g	TALYS-6a	0		12
Sb-126(n,3n2a)Ag-116m	TALYS-6a	0		12
Sb-126(n,3npa)Cd-119g	TALYS-6a	0		13
Sb-126(n,3npa)Cd-119m	TALYS-6a	0		13
Sb-126(n,n'pd)In-123g	TALYS-6a	0		18
Sb-126(n,n'pd)In-123m	TALYS-6a	0		18
Sb-126(n,n'pt)In-122g	TALYS-6a	0	[4]	16
Sb-126(n,n'pt)In-122m	TALYS-6a	0	[4,7,8]	15
Sb-126(n,n'pt)In-122n	TALYS-6a	0	[4,7,8]	15
Sb-126(n,n'dt)In-121g	TALYS-6a	0		14
Sb-126(n,n'dt)In-121m	TALYS-6a	0		14
Sb-126(n,n'ta)Cd-119g	TALYS-6a	0		17
Sb-126(n,n'ta)Cd-119m	TALYS-6a	0		17
Sb-126(n,2n2p)In-123g	TALYS-6a	0		17
Sb-126(n,2n2p)In-123m	TALYS-6a	0		16
Sb-126(n,4n2p)In-121g	TALYS-6a	0		10
Sb-126(n,4n2p)In-121m	TALYS-6a	0		10
Sb-126(n,4n2a)Ag-115g	TALYS-6a	0		9
Sb-126(n,4n2a)Ag-115m	TALYS-6a	0		9
Sb-126(n,4npa)Cd-118	TALYS-6a	0	[8]	10
Sb-127(n,2nd)Sn-124	TALYS-6a	0	[8]	25
Sb-127(n,2n)Sb-126g	TALYS-6a	0		45
Sb-127(n,2n)Sb-126m	TALYS-6a	0		45
Sb-127(n,2n)Sb-126n	TALYS-6a	0		45
Sb-127(n,3n)Sb-125	TALYS-6a	0		32
Sb-127(n,n'a)In-123g	TALYS-6a	0		43
Sb-127(n,n'a)In-123m	TALYS-6a	0		42
Sb-127(n,2na)In-122g	TALYS-6a	0	[4]	29
Sb-127(n,2na)In-122m	TALYS-6a	0	[4,7,8]	28
Sb-127(n,2na)In-122n	TALYS-6a	0	[4,7,8]	28
Sb-127(n,3na)In-121g	TALYS-6a	0		23
Sb-127(n,3na)In-121m	TALYS-6a	0		23
Sb-127(n,n'p)Sn-126	TALYS-6a	0	[8]	44
Sb-127(n,2n2a)Ag-118g	TALYS-6a	0		14
Sb-127(n,2n2a)Ag-118m	TALYS-6a	0		14
Sb-127(n,n'd)Sn-125g	TALYS-6a	0		31
Sb-127(n,n'd)Sn-125m	TALYS-6a	0		31
Sb-127(n,n't)Sn-124	TALYS-6a	0	[8]	31
Sb-127(n,n'h)In-124g	TALYS-6a	0		21
Sb-127(n,n'h)In-124m	TALYS-6a	0		21
Sb-127(n,4n)Sb-124g	TALYS-6a	0		23
Sb-127(n,4n)Sb-124m	TALYS-6a	0		23
Sb-127(n,4n)Sb-124n	TALYS-6a	0		23
Sb-127(n,2np)Sn-125g	TALYS-6a	0		30
Sb-127(n,2np)Sn-125m	TALYS-6a	0		29
Sb-127(n,3np)Sn-124	TALYS-6a	0		24
Sb-127(n,n'2p)In-125g	TALYS-6a	0		21
Sb-127(n,n'2p)In-125m	TALYS-6a	0		21
Sb-127(n,n'pa)Cd-122	TALYS-6a	0	[8]	22
Sb-127(n,g)Sb-128g	MASGAM	0	[14,13,4,6]	83
Sb-127(n,g)Sb-128m	MASGAM	0	[14,13,4,6]	83
Sb-127(n,p)Sn-127g	TALYS-6a	0	[2]	70
Sb-127(n,p)Sn-127m	TALYS-6a	0	[2]	70
Sb-127(n,d)Sn-126	TALYS-6a	0	[8]	51
Sb-127(n,t)Sn-125g	TALYS-6a	0		43
Sb-127(n,t)Sn-125m	TALYS-6a	0		43
Sb-127(n,h)In-125g	TALYS-6a	0		29
Sb-127(n,h)In-125m	TALYS-6a	0		29
Sb-127(n,a)In-124g	TALYS-6a	0		69
Sb-127(n,a)In-124m	TALYS-6a	0		68
Sb-127(n,2p)In-126g	TALYS-6a	0		27
Sb-127(n,2p)In-126m	TALYS-6a	0		27
Sb-127(n,pd)In-125g	TALYS-6a	0		23
Sb-127(n,pd)In-125m	TALYS-6a	0		23
Sb-127(n,5n)Sb-123	TALYS-6a	0		16
Sb-127(n,6n)Sb-122g	TALYS-6a	0		12
Sb-127(n,6n)Sb-122m	TALYS-6a	0		12
Sb-127(n,2nt)Sn-123g	TALYS-6a	0		23
Sb-127(n,2nt)Sn-123m	TALYS-6a	0		23
Sb-127(n,4np)Sn-123g	TALYS-6a	0		16
Sb-127(n,4np)Sn-123m	TALYS-6a	0		16
Sb-127(n,3nd)Sn-123g	TALYS-6a	0		17
Sb-127(n,3nd)Sn-123m	TALYS-6a	0		17
Sb-127(n,2npa)Cd-121g	TALYS-6a	0		16
Sb-127(n,2npa)Cd-121m	TALYS-6a	0		15
Sb-127(n,7n)Sb-121	TALYS-6a	0		9
Sb-127(n,8n)Sb-120g	TALYS-6a	0	[4]	4
Sb-127(n,8n)Sb-120m	TALYS-6a	0	[4,7,8]	3
Sb-127(n,5np)Sn-122	TALYS-6a	0		13
Sb-127(n,6np)Sn-121g	TALYS-6a	0		9

Sb-127(n,6np)Sn-121m	TALYS-6a	0		9	Sb-128(n,3nt)Sn-123m	TALYS-6a	0	17
Sb-127(n,4na)In-120g	TALYS-6a	0 [4]		15	Sb-128(n,4nt)Sn-122	TALYS-6a	0 [8]	13
Sb-127(n,4na)In-120m	TALYS-6a	0 [4,7,8]		15	Sb-128(n,5nt)Sn-121g	TALYS-6a	0	9
Sb-127(n,4na)In-120n	TALYS-6a	0 [4,7,8]		14	Sb-128(n,5nt)Sn-121m	TALYS-6a	0	9
Sb-127(n,5na)In-119g	TALYS-6a	0		12	Sb-128(n,6nt)Sn-120	TALYS-6a	0 [8]	6
Sb-127(n,5na)In-119m	TALYS-6a	0		12	Sb-128(n,2nh)In-124g	TALYS-6a	0	16
Sb-127(n,6na)In-118g	TALYS-6a	0		8	Sb-128(n,2nh)In-124m	TALYS-6a	0	16
Sb-127(n,6na)In-118m	TALYS-6a	0		8	Sb-128(n,3nh)In-123g	TALYS-6a	0	13
Sb-127(n,6na)In-118n	TALYS-6a	0		8	Sb-128(n,3nh)In-123m	TALYS-6a	0	13
Sb-127(n,4nd)Sn-122	TALYS-6a	0		14	Sb-128(n,4nh)In-122g	TALYS-6a	0 [4]	10
Sb-127(n,5nd)Sn-121g	TALYS-6a	0		9	Sb-128(n,4nh)In-122m	TALYS-6a	0 [4,7,8]	8
Sb-127(n,5nd)Sn-121m	TALYS-6a	0		9	Sb-128(n,4nh)In-122n	TALYS-6a	0 [4,7,8]	9
Sb-127(n,6nd)Sn-120	TALYS-6a	0 [8]		6	Sb-128(n,3n2p)In-124g	TALYS-6a	0	12
Sb-127(n,3nt)Sn-122	TALYS-6a	0 [8]		16	Sb-128(n,3n2p)In-124m	TALYS-6a	0	12
Sb-127(n,4nt)Sn-121g	TALYS-6a	0		12	Sb-128(n,3npa)Cd-121g	TALYS-6a	0	12
Sb-127(n,4nt)Sn-121m	TALYS-6a	0		12	Sb-128(n,3npa)Cd-121m	TALYS-6a	0	13
Sb-127(n,5nt)Sn-120	TALYS-6a	0 [8]		9	Sb-128(n,n'pd)In-125g	TALYS-6a	0	17
Sb-127(n,2nh)In-123g	TALYS-6a	0		16	Sb-128(n,n'pd)In-125m	TALYS-6a	0	16
Sb-127(n,2nh)In-123m	TALYS-6a	0		16	Sb-128(n,2n2p)In-125g	TALYS-6a	0	16
Sb-127(n,3nh)In-122g	TALYS-6a	0 [4]		12	Sb-128(n,2n2p)In-125m	TALYS-6a	0	16
Sb-127(n,3nh)In-122m	TALYS-6a	0 [4,7,8]		11	Sb-128(n,4n2p)In-123g	TALYS-6a	0	9
Sb-127(n,3nh)In-122n	TALYS-6a	0 [4,7,8]		11	Sb-128(n,4n2p)In-123m	TALYS-6a	0	9
Sb-127(n,4nh)In-121g	TALYS-6a	0		10	Te-118(n,2nd)Sb-115	TALYS-6a	0 [8]	23
Sb-127(n,4nh)In-121m	TALYS-6a	0		9	Te-118(n,2n)Te-117g	TALYS-6a	0	40
Sb-127(n,3n2p)In-123g	TALYS-6a	0		12	Te-118(n,2n)Te-117m	TALYS-6a	0	39
Sb-127(n,3n2p)In-123m	TALYS-6a	0		12	Te-118(n,3n)Te-116	TALYS-6a	0	28
Sb-127(n,3n2a)Ag-117g	TALYS-6a	0		12	Te-118(n,n'a)Sn-114	TALYS-6a	0	100
Sb-127(n,3n2a)Ag-117m	TALYS-6a	0		12	Te-118(n,n'3a)Pd-106	TALYS-6a	0 [8]	21
Sb-127(n,3npa)Cd-120	TALYS-6a	0 [8]		13	Te-118(n,2na)Sn-113g	TALYS-6a	0	35
Sb-127(n,n'pd)In-124g	TALYS-6a	0		16	Te-118(n,2na)Sn-113m	TALYS-6a	0	35
Sb-127(n,n'pd)In-124m	TALYS-6a	0		16	Te-118(n,3na)Sn-112	TALYS-6a	0 [8]	25
Sb-127(n,n'pt)In-123g	TALYS-6a	0		16	Te-118(n,n'p)Sb-117	TALYS-6a	0 [8]	50
Sb-127(n,n'pt)In-123m	TALYS-6a	0		16	Te-118(n,n'2a)Cd-110	TALYS-6a	0 [8]	39
Sb-127(n,n'ta)Cd-120	TALYS-6a	0 [8]		16	Te-118(n,2n2a)Cd-109	TALYS-6a	0 [8]	25
Sb-127(n,2n2p)In-124g	TALYS-6a	0		15	Te-118(n,n'd)Sb-116g	TALYS-6a	0	31
Sb-127(n,2n2p)In-124m	TALYS-6a	0		15	Te-118(n,n'd)Sb-116m	TALYS-6a	0	31
Sb-127(n,4n2p)In-122g	TALYS-6a	0 [4]		9	Te-118(n,n't)Sb-115	TALYS-6a	0 [8]	29
Sb-127(n,4n2p)In-122m	TALYS-6a	0 [4,7,8]		7	Te-118(n,n'h)Sn-115	TALYS-6a	0 [8]	30
Sb-127(n,4n2p)In-122n	TALYS-6a	0 [4,7,8]		8	Te-118(n,n'd2a)Ag-108g	TALYS-6a	0	14
Sb-127(n,4npa)Cd-119g	TALYS-6a	0		9	Te-118(n,n'd2a)Ag-108m	TALYS-6a	0	14
Sb-127(n,4npa)Cd-119m	TALYS-6a	0		9	Te-118(n,4n)Te-115g	TALYS-6a	0	17
Sb-128(n,2nd)Sn-125g	TALYS-6a	0		25	Te-118(n,4n)Te-115m	TALYS-6a	0	17
Sb-128(n,2nd)Sn-125m	TALYS-6a	0		25	Te-118(n,2np)Sb-116g	TALYS-6a	0	30
Sb-128(n,2n)Sb-127	TALYS-6a	0		55	Te-118(n,2np)Sb-116m	TALYS-6a	0	29
Sb-128(n,3n)Sb-126g	TALYS-6a	0		33	Te-118(n,3np)Sb-115	TALYS-6a	0	22
Sb-128(n,3n)Sb-126m	TALYS-6a	0		33	Te-118(n,n'2p)Sn-116	TALYS-6a	0 [8]	35
Sb-128(n,3n)Sb-126n	TALYS-6a	0		32	Te-118(n,n'pa)In-113g	TALYS-6a	0	34
Sb-128(n,n'a)In-124g	TALYS-6a	0		42	Te-118(n,n'pa)In-113m	TALYS-6a	0	33
Sb-128(n,n'a)In-124m	TALYS-6a	0		42	Te-118(n,g)Te-119g	MASGAM	0 [14,13,4,6]	83
Sb-128(n,2na)In-123g	TALYS-6a	0		31	Te-118(n,g)Te-119m	MASGAM	0 [14,13,4,6]	83
Sb-128(n,2na)In-123m	TALYS-6a	0		30	Te-118(n,p)Sb-118g	TALYS-6a	0 [2]	100
Sb-128(n,3na)In-122g	TALYS-6a	0 [4]		23	Te-118(n,p)Sb-118m	TALYS-6a	0 [2]	100
Sb-128(n,3na)In-122m	TALYS-6a	0 [4,7,8]		22	Te-118(n,d)Sb-117	TALYS-6a	0 [8]	60
Sb-128(n,3na)In-122n	TALYS-6a	0 [4,7,8]		22	Te-118(n,t)Sb-116g	TALYS-6a	0	43
Sb-128(n,n'p)Sn-127g	TALYS-6a	0		43	Te-118(n,t)Sb-116m	TALYS-6a	0	42
Sb-128(n,n'p)Sn-127m	TALYS-6a	0		43	Te-118(n,h)Sn-116	TALYS-6a	0 [8]	53
Sb-128(n,n'd)Sn-126	TALYS-6a	0 [8]		35	Te-118(n,a)Sn-115	TALYS-6a	0 [2]	100
Sb-128(n,n't)Sn-125g	TALYS-6a	0		31	Te-118(n,2a)Cd-111g	TALYS-6a	0	100
Sb-128(n,n't)Sn-125m	TALYS-6a	0		31	Te-118(n,2a)Cd-111m	TALYS-6a	0	100
Sb-128(n,n'h)In-125g	TALYS-6a	0		23	Te-118(n,2p)Sn-117g	TALYS-6a	0	55
Sb-128(n,n'h)In-125m	TALYS-6a	0		23	Te-118(n,2p)Sn-117m	TALYS-6a	0	53
Sb-128(n,4n)Sb-125	TALYS-6a	0		26	Te-118(n,pa)In-114g	TALYS-6a	0	54
Sb-128(n,2np)Sn-126	TALYS-6a	0 [8]		32	Te-118(n,pa)In-114m	TALYS-6a	0	53
Sb-128(n,3np)Sn-125g	TALYS-6a	0		24	Te-118(n,pd)Sn-116	TALYS-6a	0 [8]	38
Sb-128(n,3np)Sn-125m	TALYS-6a	0		23	Te-118(n,pt)Sn-115	TALYS-6a	0 [8]	31
Sb-128(n,n'2p)In-126g	TALYS-6a	0		20	Te-118(n,da)In-113g	TALYS-6a	0	36
Sb-128(n,n'2p)In-126m	TALYS-6a	0		21	Te-118(n,da)In-113m	TALYS-6a	0	35
Sb-128(n,g)Sb-129g	TALYS-6a	0 [14,4,6]		100	Te-118(n,5n)Te-114	TALYS-6a	0	12
Sb-128(n,g)Sb-129m	TALYS-6a	0 [14,7,4,6]		100	Te-118(n,6n)Te-113	TALYS-6a	0	6
Sb-128(n,p)Sn-128g	TALYS-6a	0		79	Te-118(n,2nt)Sb-114	TALYS-6a	0 [8]	18
Sb-128(n,p)Sn-128m	TALYS-6a	0		69	Te-118(n,ta)In-112g	TALYS-6a	0	30
Sb-128(n,d)Sn-127g	TALYS-6a	0		49	Te-118(n,ta)In-112m	TALYS-6a	0	30
Sb-128(n,d)Sn-127m	TALYS-6a	0		48	Te-118(n,4np)Sb-114	TALYS-6a	0	14
Sb-128(n,t)Sn-126	TALYS-6a	0 [8]		50	Te-118(n,3nd)Sb-114	TALYS-6a	0	15
Sb-128(n,h)In-126g	TALYS-6a	0		29	Te-118(n,n'da)In-112g	TALYS-6a	0	24
Sb-128(n,h)In-126m	TALYS-6a	0		29	Te-118(n,n'da)In-112m	TALYS-6a	0	24
Sb-128(n,a)In-125g	TALYS-6a	0 [2]		100	Te-118(n,2npa)In-112g	TALYS-6a	0	23
Sb-128(n,a)In-125m	TALYS-6a	0 [7,2]		100	Te-118(n,2npa)In-112m	TALYS-6a	0	23
Sb-128(n,2p)In-127g	TALYS-6a	0		28	Te-118(n,5np)Sb-113	TALYS-6a	0	10
Sb-128(n,2p)In-127m	TALYS-6a	0		28	Te-118(n,4na)Sn-111	TALYS-6a	0 [8]	16
Sb-128(n,pd)In-126g	TALYS-6a	0		22	Te-118(n,5na)Sn-110	TALYS-6a	0 [8]	11
Sb-128(n,pd)In-126m	TALYS-6a	0		22	Te-118(n,4nd)Sb-113	TALYS-6a	0 [8,7,8]	10
Sb-128(n,5n)Sb-124g	TALYS-6a	0		17	Te-118(n,5nd)Sb-112	TALYS-6a	0 [8]	5
Sb-128(n,5n)Sb-124m	TALYS-6a	0		17	Te-118(n,3nt)Sb-113	TALYS-6a	0 [8,7,8]	13
Sb-128(n,5n)Sb-124n	TALYS-6a	0		17	Te-118(n,4nt)Sb-112	TALYS-6a	0 [8]	8
Sb-128(n,6n)Sb-123	TALYS-6a	0		13	Te-118(n,2nh)Sn-114	TALYS-6a	0 [8]	23
Sb-128(n,2nt)Sn-124	TALYS-6a	0 [8]		25	Te-118(n,3nh)Sn-113g	TALYS-6a	0	14
Sb-128(n,4np)Sn-124	TALYS-6a	0		18	Te-118(n,3nh)Sn-113m	TALYS-6a	0	14
Sb-128(n,3nd)Sn-124	TALYS-6a	0 [8]		19	Te-118(n,4nh)Sn-112	TALYS-6a	0 [8]	10
Sb-128(n,2npa)Cd-122	TALYS-6a	0 [8]		16	Te-118(n,3n2p)Sn-114	TALYS-6a	0 [8]	16
Sb-128(n,7n)Sb-122g	TALYS-6a	0		9	Te-118(n,3n2a)Cd-108	TALYS-6a	0 [8]	17
Sb-128(n,7n)Sb-122m	TALYS-6a	0		9	Te-118(n,3npa)In-111g	TALYS-6a	0	16
Sb-128(n,8n)Sb-121	TALYS-6a	0		6	Te-118(n,3npa)In-111m	TALYS-6a	0	15
Sb-128(n,5np)Sn-123g	TALYS-6a	0		13	Te-118(n,dt)Sn-114	TALYS-6a	0 [8]	24
Sb-128(n,5np)Sn-123m	TALYS-6a	0		13	Te-118(n,n'pd)Sn-115	TALYS-6a	0 [8]	25
Sb-128(n,6np)Sn-122	TALYS-6a	0		10	Te-118(n,n'pt)Sn-114	TALYS-6a	0 [8]	23
Sb-128(n,4na)In-121g	TALYS-6a	0		17	Te-118(n,n'dt)Sn-113g	TALYS-6a	0	15
Sb-128(n,4na)In-121m	TALYS-6a	0		16	Te-118(n,n'dt)Sn-113m	TALYS-6a	0	15
Sb-128(n,5na)In-120g	TALYS-6a	0 [4]		12	Te-118(n,n'ph)In-114g	TALYS-6a	0	17
Sb-128(n,5na)In-120m	TALYS-6a	0 [4,7,8]		12	Te-118(n,n'ph)In-114m	TALYS-6a	0	17
Sb-128(n,5na)In-120n	TALYS-6a	0 [4,7,8]		11	Te-118(n,n'dh)In-113g	TALYS-6a	0	14
Sb-128(n,6na)In-119g	TALYS-6a	0		9	Te-118(n,n'dh)In-113m	TALYS-6a	0	13
Sb-128(n,6na)In-119m	TALYS-6a	0		9	Te-118(n,n'ta)In-111g	TALYS-6a	0	22
Sb-128(n,4nd)Sn-123g	TALYS-6a	0		14	Te-118(n,n'ta)In-111m	TALYS-6a	0	21
Sb-128(n,4nd)Sn-123m	TALYS-6a	0		14	Te-118(n,2n2p)Sn-115	TALYS-6a	0 [8]	23
Sb-128(n,5nd)Sn-122	TALYS-6a	0		11	Te-118(n,ph)In-115g	TALYS-6a	0	27
Sb-128(n,6nd)Sn-121g	TALYS-6a	0		6	Te-118(n,ph)In-115m	TALYS-6a	0	26
Sb-128(n,6nd)Sn-121m	TALYS-6a	0		6	Te-118(n,ha)Cd-112	TALYS-6a	0 [8]	29
Sb-128(n,3nt)Sn-123g	TALYS-6a	0		17	Te-118(n,4n2p)Sn-113g	TALYS-6a	0	11

Reaction	Library			Value
Te-118(n,4n2p)Sn-113m	TALYS-6a	0		11
Te-118(n,4n2a)Cd-107	TALYS-6a	0	[8]	11
Te-118(n,4npa)In-110g	TALYS-6a	0		11
Te-118(n,4npa)In-110m	TALYS-6a	0		10
Te-118(n,3p)In-116g	TALYS-6a	0		26
Te-118(n,3p)In-116m	TALYS-6a	0		26
Te-118(n,3p)In-116n	TALYS-6a	0		26
Te-118(n,n'3p)In-115g	TALYS-6a	0		20
Te-118(n,n'3p)In-115m	TALYS-6a	0		19
Te-118(n,3n2pa)Cd-110	TALYS-6a	0	[8]	11
Te-118(n,5n2p)Sn-112	TALYS-6a	0	[8]	7
Te-119(n,n')Te-119m	TALYS-6a	0		88
Te-119(n,2nd)Sb-116g	TALYS-6a	0		24
Te-119(n,2nd)Sb-116m	TALYS-6a	0		23
Te-119(n,2n)Te-118	TALYS-6a	0		48
Te-119(n,3n)Te-117g	TALYS-6a	0		28
Te-119(n,3n)Te-117m	TALYS-6a	0		28
Te-119(n,n'a)Sn-115	TALYS-6a	0		100
Te-119(n,n'3a)Pd-107g	TALYS-6a	0		18
Te-119(n,n'3a)Pd-107m	TALYS-6a	0		19
Te-119(n,2na)Sn-114	TALYS-6a	0	[8]	41
Te-119(n,3na)Sn-113g	TALYS-6a	0		26
Te-119(n,3na)Sn-113m	TALYS-6a	0		26
Te-119(n,n'p)Sb-118g	TALYS-6a	0	[4,8]	50
Te-119(n,n'p)Sb-118m	TALYS-6a	0	[4,7,8,8]	49
Te-119(n,n'2a)Cd-111g	TALYS-6a	0		36
Te-119(n,n'2a)Cd-111m	TALYS-6a	0		36
Te-119(n,2n2a)Cd-110	TALYS-6a	0	[8]	27
Te-119(n,n'd)Sb-117	TALYS-6a	0	[8]	35
Te-119(n,n't)Sb-116g	TALYS-6a	0		29
Te-119(n,n't)Sb-116m	TALYS-6a	0		29
Te-119(n,n'h)Sn-116	TALYS-6a	0	[8]	32
Te-119(n,n'd2a)Ag-109g	TALYS-6a	0		15
Te-119(n,n'd2a)Ag-109m	TALYS-6a	0		15
Te-119(n,4n)Te-116	TALYS-6a	0		20
Te-119(n,2np)Sb-117	TALYS-6a	0	[8]	32
Te-119(n,3np)Sb-116g	TALYS-6a	0		22
Te-119(n,3np)Sb-116m	TALYS-6a	0		21
Te-119(n,n'2p)Sn-117g	TALYS-6a	0		33
Te-119(n,n'2p)Sn-117m	TALYS-6a	0		33
Te-119(n,n'pa)In-114g	TALYS-6a	0		33
Te-119(n,n'pa)In-114m	TALYS-6a	0		33
Te-119(n,g)Te-120	MASGAM	0	[14,13]	83
+Te-119(n,p)Sb-119g	TALYS-6a	0	[4]	100
+Te-119(n,p)Sb-119m	TALYS-6a	0	[7,4,7]	100
Te-119(n,d)Sb-118g	TALYS-6a	0	[4,8]	59
Te-119(n,d)Sb-118m	TALYS-6a	0	[4,7,8,8]	58
Te-119(n,t)Sb-117	TALYS-6a	0	[8]	51
Te-119(n,h)Sn-117g	TALYS-6a	0		49
Te-119(n,h)Sn-117m	TALYS-6a	0		48
Te-119(n,a)Sn-116	TALYS-6a	0	[2]	100
Te-119(n,2a)Cd-112	TALYS-6a	0		100
Te-119(n,2p)Sn-118	TALYS-6a	0	[8]	64
Te-119(n,pa)In-115g	TALYS-6a	0		100
Te-119(n,pa)In-115m	TALYS-6a	0		100
Te-119(n,pd)Sn-117g	TALYS-6a	0		36
Te-119(n,pd)Sn-117m	TALYS-6a	0		36
Te-119(n,pt)Sn-116	TALYS-6a	0	[8]	34
Te-119(n,da)In-114g	TALYS-6a	0		35
Te-119(n,da)In-114m	TALYS-6a	0		35
Te-119(n,5n)Te-115g	TALYS-6a	0		13
Te-119(n,5n)Te-115m	TALYS-6a	0		13
Te-119(n,6n)Te-114	TALYS-6a	0		8
Te-119(n,2nt)Sb-115	TALYS-6a	0	[8]	21
Te-119(n,ta)In-113g	TALYS-6a	0		33
Te-119(n,ta)In-113m	TALYS-6a	0		31
Te-119(n,4np)Sb-115	TALYS-6a	0	[8]	15
Te-119(n,3nd)Sb-115	TALYS-6a	0	[8]	16
Te-119(n,n'da)In-113g	TALYS-6a	0		26
Te-119(n,n'da)In-113m	TALYS-6a	0		25
Te-119(n,2npa)In-113g	TALYS-6a	0		25
Te-119(n,2npa)In-113m	TALYS-6a	0		24
Te-119(n,5np)Sb-114	TALYS-6a	0		10
Te-119(n,6np)Sb-113	TALYS-6a	0		6
Te-119(n,4na)Sn-112	TALYS-6a	0	[8]	18
Te-119(n,5na)Sn-111	TALYS-6a	0	[8]	12
Te-119(n,6na)Sn-110	TALYS-6a	0	[8]	8
Te-119(n,4nd)Sb-114	TALYS-6a	0		11
Te-119(n,5nd)Sb-113	TALYS-6a	0		7
Te-119(n,3nt)Sb-114	TALYS-6a	0	[8]	14
Te-119(n,4nt)Sb-113	TALYS-6a	0	[8,7,8]	9
Te-119(n,2nh)Sn-115	TALYS-6a	0	[8]	23
Te-119(n,3nh)Sn-114	TALYS-6a	0	[8]	16
Te-119(n,4nh)Sn-113g	TALYS-6a	0		11
Te-119(n,4nh)Sn-113m	TALYS-6a	0		11
Te-119(n,3n2p)Sn-115	TALYS-6a	0	[8]	16
Te-119(n,3n2a)Cd-109	TALYS-6a	0	[8]	16
Te-119(n,3npa)In-112g	TALYS-6a	0		16
Te-119(n,3npa)In-112m	TALYS-6a	0		16
Te-119(n,dt)Sn-115	TALYS-6a	0	[8]	24
Te-119(n,n'pd)Sn-116	TALYS-6a	0	[8]	27
Te-119(n,n'pt)Sn-115	TALYS-6a	0	[8]	23
Te-119(n,n'dt)Sn-114	TALYS-6a	0	[8]	16
Te-119(n,n'ph)In-115g	TALYS-6a	0		19
Te-119(n,n'ph)In-115m	TALYS-6a	0		18
Te-119(n,n'dh)In-114g	TALYS-6a	0		13
Te-119(n,n'dh)In-114m	TALYS-6a	0		13
Te-119(n,n'th)In-113g	TALYS-6a	0		13
Te-119(n,n'th)In-113m	TALYS-6a	0		12
Te-119(n,n'ta)In-112g	TALYS-6a	0		22
Te-119(n,n'ta)In-112m	TALYS-6a	0		22
Te-119(n,2n2p)Sn-116	TALYS-6a	0	[8]	25
Te-119(n,ph)In-116g	TALYS-6a	0		25
Te-119(n,ph)In-116m	TALYS-6a	0		25
Te-119(n,ph)In-116n	TALYS-6a	0		25
Te-119(n,4n2p)Sn-114	TALYS-6a	0	[8]	12
Te-119(n,4n2a)Cd-108	TALYS-6a	0	[8]	13
Te-119(n,4npa)In-111g	TALYS-6a	0		12
Te-119(n,4npa)In-111m	TALYS-6a	0		11
Te-119(n,3p)In-117g	TALYS-6a	0		28
Te-119(n,3p)In-117m	TALYS-6a	0		27
Te-119(n,n'3p)In-116g	TALYS-6a	0		18
Te-119(n,n'3p)In-116m	TALYS-6a	0		18
Te-119(n,n'3p)In-116n	TALYS-6a	0		18
Te-119(n,3n2pa)Cd-111g	TALYS-6a	0		10
Te-119(n,3n2pa)Cd-111m	TALYS-6a	0		10
Te-119(n,5n2p)Sn-113g	TALYS-6a	0		7
Te-119(n,5n2p)Sn-113m	TALYS-6a	0		7
Te-119m(n,n')Te-119g	TALYS-6a	0	[8]	97
Te-119m(n,2nd)Sb-116g	TALYS-6a	0		24
Te-119m(n,2nd)Sb-116m	TALYS-6a	0		23
Te-119m(n,2n)Te-118	TALYS-6a	0		49
Te-119m(n,3n)Te-117g	TALYS-6a	0		28
Te-119m(n,3n)Te-117m	TALYS-6a	0		28
Te-119m(n,n'a)Sn-115	TALYS-6a	0		100
Te-119m(n,n'3a)Pd-107g	TALYS-6a	0		19
Te-119m(n,n'3a)Pd-107m	TALYS-6a	0		19
Te-119m(n,2na)Sn-114	TALYS-6a	0	[8]	41
Te-119m(n,3na)Sn-113g	TALYS-6a	0		26
Te-119m(n,3na)Sn-113m	TALYS-6a	0		26
Te-119m(n,n'p)Sb-118g	TALYS-6a	0	[4,8]	51
Te-119m(n,n'p)Sb-118m	TALYS-6a	0	[4,7,8,8]	50
Te-119m(n,n'2a)Cd-111g	TALYS-6a	0		37
Te-119m(n,n'2a)Cd-111m	TALYS-6a	0		37
Te-119m(n,2n2a)Cd-110	TALYS-6a	0	[8]	28
Te-119m(n,n'd)Sb-117	TALYS-6a	0	[8]	36
Te-119m(n,n't)Sb-116g	TALYS-6a	0		30
Te-119m(n,n't)Sb-116m	TALYS-6a	0		29
Te-119m(n,n'h)Sn-116	TALYS-6a	0	[8]	33
Te-119m(n,n'd2a)Ag-109g	TALYS-6a	0		15
Te-119m(n,n'd2a)Ag-109m	TALYS-6a	0		15
Te-119m(n,4n)Te-116	TALYS-6a	0		20
Te-119m(n,2np)Sb-117	TALYS-6a	0	[8]	33
Te-119m(n,3np)Sb-116g	TALYS-6a	0		22
Te-119m(n,3np)Sb-116m	TALYS-6a	0		22
Te-119m(n,n'2p)Sn-117g	TALYS-6a	0		34
Te-119m(n,n'2p)Sn-117m	TALYS-6a	0		33
Te-119m(n,n'pa)In-114g	TALYS-6a	0		33
Te-119m(n,n'pa)In-114m	TALYS-6a	0		33
Te-119m(n,g)Te-120	MASGAM	0	[14,7,13]	83
+Te-119m(n,p)Sb-119g	TALYS-6a	0	[4]	100
+Te-119m(n,p)Sb-119m	TALYS-6a	0	[7,4,7]	100
Te-119m(n,d)Sb-118g	TALYS-6a	0	[4,8]	60
Te-119m(n,d)Sb-118m	TALYS-6a	0	[4,7,8,8]	59
Te-119m(n,t)Sb-117	TALYS-6a	0	[8]	52
Te-119m(n,h)Sn-117g	TALYS-6a	0		49
Te-119m(n,h)Sn-117m	TALYS-6a	0		49
Te-119m(n,a)Sn-116	TALYS-6a	0	[2]	100
Te-119m(n,2a)Cd-112	TALYS-6a	0		100
Te-119m(n,2p)Sn-118	TALYS-6a	0	[8]	65
Te-119m(n,pa)In-115g	TALYS-6a	0		100
Te-119m(n,pa)In-115m	TALYS-6a	0		100
Te-119m(n,pd)Sn-117g	TALYS-6a	0		37
Te-119m(n,pd)Sn-117m	TALYS-6a	0		36
Te-119m(n,pt)Sn-116	TALYS-6a	0	[8]	35
Te-119m(n,da)In-114g	TALYS-6a	0		36
Te-119m(n,da)In-114m	TALYS-6a	0		36
Te-119m(n,5n)Te-115g	TALYS-6a	0		13
Te-119m(n,5n)Te-115m	TALYS-6a	0		13
Te-119m(n,6n)Te-114	TALYS-6a	0		9
Te-119m(n,2nt)Sb-115	TALYS-6a	0	[8]	22
Te-119m(n,ta)In-113g	TALYS-6a	0		34
Te-119m(n,ta)In-113m	TALYS-6a	0		32
Te-119m(n,4np)Sb-115	TALYS-6a	0	[8]	15
Te-119m(n,3nd)Sb-115	TALYS-6a	0	[8]	16
Te-119m(n,n'da)In-113g	TALYS-6a	0		27
Te-119m(n,n'da)In-113m	TALYS-6a	0		26
Te-119m(n,2npa)In-113g	TALYS-6a	0		25
Te-119m(n,2npa)In-113m	TALYS-6a	0		25
Te-119m(n,5np)Sb-114	TALYS-6a	0		10
Te-119m(n,6np)Sb-113	TALYS-6a	0		6
Te-119m(n,4na)Sn-112	TALYS-6a	0	[8]	18
Te-119m(n,5na)Sn-111	TALYS-6a	0	[8]	12
Te-119m(n,6na)Sn-110	TALYS-6a	0	[8]	8
Te-119m(n,4nd)Sb-114	TALYS-6a	0	[8]	11
Te-119m(n,5nd)Sb-113	TALYS-6a	0		7
Te-119m(n,3nt)Sb-114	TALYS-6a	0	[8]	14
Te-119m(n,4nt)Sb-113	TALYS-6a	0		10
Te-119m(n,2nh)Sn-115	TALYS-6a	0	[8]	23
Te-119m(n,3nh)Sn-114	TALYS-6a	0	[8]	16
Te-119m(n,4nh)Sn-113g	TALYS-6a	0		11
Te-119m(n,4nh)Sn-113m	TALYS-6a	0		11
Te-119m(n,3n2p)Sn-115	TALYS-6a	0	[8]	16
Te-119m(n,3n2a)Cd-109	TALYS-6a	0	[8]	17
Te-119m(n,3npa)In-112g	TALYS-6a	0		16
Te-119m(n,3npa)In-112m	TALYS-6a	0		16
Te-119m(n,dt)Sn-115	TALYS-6a	0	[8]	24
Te-119m(n,n'pd)Sn-116	TALYS-6a	0	[8]	27
Te-119m(n,n'pt)Sn-115	TALYS-6a	0	[8]	23
Te-119m(n,n'dt)Sn-114	TALYS-6a	0	[8]	16
Te-119m(n,n'ph)In-115g	TALYS-6a	0		19
Te-119m(n,n'ph)In-115m	TALYS-6a	0		18
Te-119m(n,n'dh)In-114g	TALYS-6a	0		14
Te-119m(n,n'dh)In-114m	TALYS-6a	0		14
Te-119m(n,n'th)In-113g	TALYS-6a	0		13
Te-119m(n,n'th)In-113m	TALYS-6a	0		12
Te-119m(n,n'ta)In-112g	TALYS-6a	0		22
Te-119m(n,n'ta)In-112m	TALYS-6a	0		22
Te-119m(n,2n2p)Sn-116	TALYS-6a	0	[8]	26
Te-119m(n,ph)In-116g	TALYS-6a	0		25
Te-119m(n,ph)In-116m	TALYS-6a	0		25
Te-119m(n,ph)In-116n	TALYS-6a	0		25
Te-119m(n,4n2p)Sn-114	TALYS-6a	0	[8]	12
Te-119m(n,4n2a)Cd-108	TALYS-6a	0	[8]	13
Te-119m(n,4npa)In-111g	TALYS-6a	0		12
Te-119m(n,4npa)In-111m	TALYS-6a	0		12
Te-119m(n,3p)In-117g	TALYS-6a	0		28
Te-119m(n,3p)In-117m	TALYS-6a	0		27

Te-119m(n,n'3p)In-116g	TALYS-6a	0		18	Te-120(n,3n2pa)Cd-112	TALYS-6a	0 [8]	10
Te-119m(n,n'3p)In-116m	TALYS-6a	0		18	Te-120(n,5n2p)Sn-114	TALYS-6a	0 [8]	7
Te-119m(n,n'3p)In-116n	TALYS-6a	0		18	Te-121(n,n')Te-121m	TALYS-6a	0	88
Te-119m(n,3n2pa)Cd-111g	TALYS-6a	0		10	Te-121(n,2nd)Sb-118g	TALYS-6a	0	23
Te-119m(n,3n2pa)Cd-111m	TALYS-6a	0		10	Te-121(n,2nd)Sb-118m	TALYS-6a	0	23
Te-119m(n,5n2p)Sn-113g	TALYS-6a	0		7	Te-121(n,2n)Te-120	TALYS-6a	0	49
Te-119m(n,5n2p)Sn-113m	TALYS-6a	0		7	Te-121(n,3n)Te-119g	TALYS-6a	0	29
Te-120(n,2nd)Sb-117	TALYS-6a	0 [8]		23	Te-121(n,3n)Te-119m	TALYS-6a	0	29
Te-120(n,2n)Te-119g	ADL-3	4 [13,3,7,8]		44	Te-121(n,n'a)Sn-117g	TALYS-6a	0	66
Te-120(n,2n)Te-119m	ADL-3	4 [13,3,7,8]		44	Te-121(n,n'a)Sn-117m	TALYS-6a	0	65
Te-120(n,3n)Te-118	TALYS-6a	0		29	Te-121(n,2na)Sn-116	TALYS-6a	0 [8]	40
Te-120(n,n'a)Sn-116	TALYS-6a	0 [8]		68	Te-121(n,3na)Sn-115	TALYS-6a	0 [8]	26
Te-120(n,2na)Sn-115	TALYS-6a	0 [8]		35	Te-121(n,n'p)Sb-120g	TALYS-6a	0 [4,8]	45
Te-120(n,3na)Sn-114	TALYS-6a	0 [8]		26	Te-121(n,n'p)Sb-120m	TALYS-6a	0 [4,7,8,8]	44
+Te-120(n,n'p)Sb-119g	TALYS-6a	0 [4,8]		46	Te-121(n,n'2a)Cd-113g	TALYS-6a	0	32
+Te-120(n,n'p)Sb-119m	TALYS-6a	0 [4,7,8,8]		39	Te-121(n,n'2a)Cd-113m	TALYS-6a	0	32
Te-120(n,n'2a)Cd-112	TALYS-6a	0 [8]		35	Te-121(n,2n2a)Cd-112	TALYS-6a	0 [8]	25
Te-120(n,2n2a)Cd-111g	TALYS-6a	0		23	+Te-121(n,n'd)Sb-119g	TALYS-6a	0 [4,8]	34
Te-120(n,2n2a)Cd-111m	TALYS-6a	0		23	+Te-121(n,n'd)Sb-119m	TALYS-6a	0 [4,7,8,8]	29
Te-120(n,n'd)Sb-118g	TALYS-6a	0 [4,8]		31	Te-121(n,n't)Sb-118g	TALYS-6a	0	29
Te-120(n,n'd)Sb-118m	TALYS-6a	0 [4,7,8,8]		30	Te-121(n,n't)Sb-118m	TALYS-6a	0	29
Te-120(n,n't)Sb-117	TALYS-6a	0 [8]		29	Te-121(n,n'h)Sn-118	TALYS-6a	0 [8]	31
Te-120(n,n'h)Sn-117g	TALYS-6a	0		29	Te-121(n,4n)Te-118	TALYS-6a	0	21
Te-120(n,n'h)Sn-117m	TALYS-6a	0		28	+Te-121(n,2np)Sb-119g	TALYS-6a	0 [4,8]	31
Te-120(n,4n)Te-117g	TALYS-6a	0		18	+Te-121(n,2np)Sb-119m	TALYS-6a	0 [4,7,8,8]	27
Te-120(n,4n)Te-117m	TALYS-6a	0		17	Te-121(n,3np)Sb-118g	TALYS-6a	0	22
Te-120(n,2np)Sb-118g	TALYS-6a	0 [4,8]		29	Te-121(n,3np)Sb-118m	TALYS-6a	0	21
Te-120(n,2np)Sb-118m	TALYS-6a	0 [4,7,8,8]		27	Te-121(n,n'2p)Sn-119g	TALYS-6a	0	31
Te-120(n,3np)Sb-117	TALYS-6a	0		22	Te-121(n,n'2p)Sn-119m	TALYS-6a	0	30
Te-120(n,n'2p)Sn-118	TALYS-6a	0 [8]		31	Te-121(n,n'pa)In-116g	TALYS-6a	0	30
Te-120(n,n'pa)In-115g	TALYS-6a	0		31	Te-121(n,n'pa)In-116m	TALYS-6a	0	30
Te-120(n,n'pa)In-115m	TALYS-6a	0		30	Te-121(n,n'pa)In-116n	TALYS-6a	0	30
Te-120(n,g)Te-121g	JEF-2.2	2 [13,4,6,12,4]		221	Te-121(n,g)Te-122	MASGAM	0 [14,13]	83
Te-120(n,g)Te-121m	JEF-2.2	2 [13,4,6,12,4]		221	Te-121(n,p)Sb-121	TALYS-6a	0 [2]	100
Te-120(n,p)Sb-120g	TALYS-6a	0 [4,2,8]		82	Te-121(n,d)Sb-120g	TALYS-6a	0 [4,8]	54
Te-120(n,p)Sb-120m	TALYS-6a	0 [4,7,8,2,8]		81	Te-121(n,d)Sb-120m	TALYS-6a	0 [4,7,8,8]	53
+Te-120(n,d)Sb-119g	TALYS-6a	0 [4,8]		55	+Te-121(n,t)Sb-119g	TALYS-6a	0 [4,8]	48
+Te-120(n,d)Sb-119m	TALYS-6a	0 [4,7,8,8]		44	+Te-121(n,t)Sb-119m	TALYS-6a	0 [4,7,8,8]	42
Te-120(n,t)Sb-118g	TALYS-6a	0 [4,8]		42	Te-121(n,h)Sn-119g	TALYS-6a	0	43
Te-120(n,t)Sb-118m	TALYS-6a	0 [4,7,8,8]		41	Te-121(n,h)Sn-119m	TALYS-6a	0	43
Te-120(n,h)Sn-118	TALYS-6a	0 [8]		45	Te-121(n,a)Sn-118	TALYS-6a	0 [2]	100
Te-120(n,a)Sn-117g	TALYS-6a	0 [2]		100	Te-121(n,2a)Cd-114	TALYS-6a	0	100
Te-120(n,a)Sn-117m	TALYS-6a	0 [2]		100	Te-121(n,2p)Sn-120	TALYS-6a	0 [8]	53
Te-120(n,2a)Cd-113g	TALYS-6a	0		100	Te-121(n,pa)In-117g	TALYS-6a	0	50
Te-120(n,2a)Cd-113m	TALYS-6a	0		100	Te-121(n,pa)In-117m	TALYS-6a	0	48
Te-120(n,2p)Sn-119g	TALYS-6a	0		45	Te-121(n,pd)Sn-119g	TALYS-6a	0	33
Te-120(n,2p)Sn-119m	TALYS-6a	0		45	Te-121(n,pd)Sn-119m	TALYS-6a	0	33
Te-120(n,pa)In-116g	TALYS-6a	0		44	Te-121(n,pt)Sn-118	TALYS-6a	0 [8]	32
Te-120(n,pa)In-116m	TALYS-6a	0		44	Te-121(n,da)In-116g	TALYS-6a	0	31
Te-120(n,pa)In-116n	TALYS-6a	0		43	Te-121(n,da)In-116m	TALYS-6a	0	31
Te-120(n,pd)Sn-118	TALYS-6a	0 [8]		34	Te-121(n,da)In-116n	TALYS-6a	0	31
Te-120(n,pt)Sn-117g	TALYS-6a	0		29	Te-121(n,5n)Te-117g	TALYS-6a	0	13
Te-120(n,pt)Sn-117m	TALYS-6a	0		29	Te-121(n,5n)Te-117m	TALYS-6a	0	13
Te-120(n,da)In-115g	TALYS-6a	0		33	Te-121(n,6n)Te-116	TALYS-6a	0	10
Te-120(n,da)In-115m	TALYS-6a	0		32	Te-121(n,2nt)Sb-117	TALYS-6a	0 [8]	22
Te-120(n,5n)Te-116	TALYS-6a	0		13	Te-121(n,ta)In-115g	TALYS-6a	0	31
Te-120(n,6n)Te-115g	TALYS-6a	0		8	Te-121(n,ta)In-115m	TALYS-6a	0	30
Te-120(n,6n)Te-115m	TALYS-6a	0		8	Te-121(n,4np)Sb-117	TALYS-6a	0 [8]	15
Te-120(n,2nt)Sb-116g	TALYS-6a	0		19	Te-121(n,3nd)Sb-117	TALYS-6a	0 [8]	16
Te-120(n,2nt)Sb-116m	TALYS-6a	0		19	Te-121(n,n'da)In-115g	TALYS-6a	0	25
Te-120(n,ta)In-114g	TALYS-6a	0		29	Te-121(n,n'da)In-115m	TALYS-6a	0	24
Te-120(n,ta)In-114m	TALYS-6a	0		28	Te-121(n,2npa)In-115g	TALYS-6a	0	23
Te-120(n,4np)Sb-116g	TALYS-6a	0		14	Te-121(n,2npa)In-115m	TALYS-6a	0	23
Te-120(n,4np)Sb-116m	TALYS-6a	0		14	Te-121(n,7n)Te-115g	TALYS-6a	0	4
Te-120(n,3nd)Sb-116g	TALYS-6a	0		15	Te-121(n,7n)Te-115m	TALYS-6a	0	4
Te-120(n,3nd)Sb-116m	TALYS-6a	0		15	Te-121(n,5np)Sb-116g	TALYS-6a	0	10
Te-120(n,n'da)In-114g	TALYS-6a	0		23	Te-121(n,5np)Sb-116m	TALYS-6a	0	10
Te-120(n,n'da)In-114m	TALYS-6a	0		23	Te-121(n,6np)Sb-115	TALYS-6a	0 [8]	6
Te-120(n,2npa)In-114g	TALYS-6a	0		21	Te-121(n,4na)Sn-114	TALYS-6a	0 [8]	18
Te-120(n,2npa)In-114m	TALYS-6a	0		21	Te-121(n,5na)Sn-113g	TALYS-6a	0	12
Te-120(n,5np)Sb-115	TALYS-6a	0		10	Te-121(n,5na)Sn-113m	TALYS-6a	0	12
Te-120(n,6np)Sb-114	TALYS-6a	0		5	Te-121(n,6na)Sn-112	TALYS-6a	0 [8]	8
Te-120(n,4na)Sn-113g	TALYS-6a	0		16	Te-121(n,4nd)Sb-116g	TALYS-6a	0	11
Te-120(n,4na)Sn-113m	TALYS-6a	0		16	Te-121(n,4nd)Sb-116m	TALYS-6a	0	11
Te-120(n,5na)Sn-112	TALYS-6a	0 [8]		12	Te-121(n,5nd)Sb-115	TALYS-6a	0 [8]	7
Te-120(n,6na)Sn-111	TALYS-6a	0 [8]		6	Te-121(n,3nt)Sb-116g	TALYS-6a	0	14
Te-120(n,4nd)Sb-115	TALYS-6a	0		11	Te-121(n,3nt)Sb-116m	TALYS-6a	0	14
Te-120(n,5nd)Sb-114	TALYS-6a	0		6	Te-121(n,4nt)Sb-115	TALYS-6a	0 [8]	10
Te-120(n,3nt)Sb-115	TALYS-6a	0 [8]		14	Te-121(n,5nt)Sb-114	TALYS-6a	0 [8]	5
Te-120(n,4nt)Sb-114	TALYS-6a	0 [8]		8	Te-121(n,2nh)Sn-117g	TALYS-6a	0	21
Te-120(n,2nh)Sn-116	TALYS-6a	0 [8]		22	Te-121(n,2nh)Sn-117m	TALYS-6a	0	21
Te-120(n,3nh)Sn-115	TALYS-6a	0 [8]		14	Te-121(n,3nh)Sn-116	TALYS-6a	0 [8]	16
Te-120(n,4nh)Sn-114	TALYS-6a	0 [8]		10	Te-121(n,4nh)Sn-115	TALYS-6a	0 [8]	11
Te-120(n,3n2p)Sn-116	TALYS-6a	0 [8]		16	Te-121(n,3n2p)Sn-117g	TALYS-6a	0	15
Te-120(n,3n2a)Cd-110	TALYS-6a	0 [8]		16	Te-121(n,3n2p)Sn-117m	TALYS-6a	0	15
Te-120(n,3npa)In-113g	TALYS-6a	0		15	Te-121(n,3n2a)Cd-111g	TALYS-6a	0	16
Te-120(n,3npa)In-113m	TALYS-6a	0		15	Te-121(n,3n2a)Cd-111m	TALYS-6a	0	16
Te-120(n,dt)Sn-116	TALYS-6a	0 [8]		23	Te-121(n,3npa)In-114g	TALYS-6a	0	15
Te-120(n,n'pd)Sn-117g	TALYS-6a	0		23	Te-121(n,3npa)In-114m	TALYS-6a	0	15
Te-120(n,n'pd)Sn-117m	TALYS-6a	0		23	Te-121(n,dt)Sn-117g	TALYS-6a	0	22
Te-120(n,n'pt)Sn-116	TALYS-6a	0 [8]		22	Te-121(n,dt)Sn-117m	TALYS-6a	0	22
Te-120(n,n'dt)Sn-115	TALYS-6a	0 [8]		15	Te-121(n,n'pd)Sn-118	TALYS-6a	0 [8]	25
Te-120(n,n'ph)In-116g	TALYS-6a	0		15	Te-121(n,n'pt)Sn-117g	TALYS-6a	0	22
Te-120(n,n'ph)In-116m	TALYS-6a	0		16	Te-121(n,n'pt)Sn-117m	TALYS-6a	0	22
Te-120(n,n'ph)In-116n	TALYS-6a	0		16	Te-121(n,n'dt)Sn-116	TALYS-6a	0 [8]	16
Te-120(n,n'dh)In-115g	TALYS-6a	0		13	Te-121(n,n'ph)In-117g	TALYS-6a	0	16
Te-120(n,n'dh)In-115m	TALYS-6a	0		12	Te-121(n,n'ph)In-117m	TALYS-6a	0	16
Te-120(n,n'ta)In-113g	TALYS-6a	0		21	Te-121(n,n'dh)In-116g	TALYS-6a	0	12
Te-120(n,n'ta)In-113m	TALYS-6a	0		21	Te-121(n,n'dh)In-116m	TALYS-6a	0	13
Te-120(n,2n2p)Sn-117g	TALYS-6a	0		22	Te-121(n,n'dh)In-116n	TALYS-6a	0	12
Te-120(n,2n2p)Sn-117m	TALYS-6a	0		21	Te-121(n,n'ta)In-114g	TALYS-6a	0	21
Te-120(n,ph)In-117g	TALYS-6a	0		24	Te-121(n,n'ta)In-114m	TALYS-6a	0	21
Te-120(n,ph)In-117m	TALYS-6a	0		23	Te-121(n,2n2p)Sn-118	TALYS-6a	0 [8]	24
Te-120(n,4n2p)Sn-115	TALYS-6a	0 [8]		11	Te-121(n,4n2p)Sn-116	TALYS-6a	0 [8]	12
Te-120(n,4n2a)Cd-109	TALYS-6a	0 [8]		11	Te-121(n,4n2a)Cd-110	TALYS-6a	0 [8]	12
Te-120(n,4npa)In-112g	TALYS-6a	0		10	Te-121(n,4npa)In-113g	TALYS-6a	0	11
Te-120(n,4npa)In-112m	TALYS-6a	0		10	Te-121(n,4npa)In-113m	TALYS-6a	0	11
Te-120(n,n'3p)In-117g	TALYS-6a	0		17	Te-121(n,5n2p)Sn-115	TALYS-6a	0 [8]	7
Te-120(n,n'3p)In-117m	TALYS-6a	0		16	Te-121m(n,n')Te-121g	TALYS-6a	0 [8]	97

Te-121m(n,2nd)Sb-118g	TALYS-6a	0		24
Te-121m(n,2nd)Sb-118m	TALYS-6a	0		24
Te-121m(n,2n)Te-120	TALYS-6a	0		51
Te-121m(n,3n)Te-119g	TALYS-6a	0		29
Te-121m(n,3n)Te-119m	TALYS-6a	0		29
Te-121m(n,n'a)Sn-117g	TALYS-6a	0		68
Te-121m(n,n'a)Sn-117m	TALYS-6a	0		67
Te-121m(n,2na)Sn-116	TALYS-6a	0	[8]	40
Te-121m(n,3na)Sn-115	TALYS-6a	0	[8]	26
Te-121m(n,n'p)Sb-120g	TALYS-6a	0	[4,8]	46
Te-121m(n,n'p)Sb-120m	TALYS-6a	0	[4,7,8,8]	45
Te-121m(n,n'2a)Cd-113g	TALYS-6a	0		33
Te-121m(n,n'2a)Cd-113m	TALYS-6a	0		33
Te-121m(n,2n2a)Cd-112	TALYS-6a	0	[8]	26
+Te-121m(n,n'd)Sb-119g	TALYS-6a	0	[4,8]	35
+Te-121m(n,n'd)Sb-119m	TALYS-6a	0	[4,7,8,8]	30
Te-121m(n,n't)Sb-118g	TALYS-6a	0		30
Te-121m(n,n't)Sb-118m	TALYS-6a	0		29
Te-121m(n,n'h)Sn-118	TALYS-6a	0	[8]	31
Te-121m(n,4n)Te-118	TALYS-6a	0		22
+Te-121m(n,2np)Sb-119g	TALYS-6a	0	[4,8]	32
+Te-121m(n,2np)Sb-119m	TALYS-6a	0	[4,7,8,8]	27
Te-121m(n,3np)Sb-118g	TALYS-6a	0		22
Te-121m(n,3np)Sb-118m	TALYS-6a	0		22
Te-121m(n,n'2p)Sn-119g	TALYS-6a	0		31
Te-121m(n,n'2p)Sn-119m	TALYS-6a	0		31
Te-121m(n,n'pa)In-116g	TALYS-6a	0		30
Te-121m(n,n'pa)In-116m	TALYS-6a	0		30
Te-121m(n,n'pa)In-116n	TALYS-6a	0		30
Te-121m(n,g)Te-122	MASGAM	0	[14,7,13]	83
Te-121m(n,p)Sb-121	TALYS-6a	0	[2]	100
Te-121m(n,d)Sb-120g	TALYS-6a	0	[4,8,15]	55
Te-121m(n,d)Sb-120m	TALYS-6a	0	[4,7,8,8]	54
+Te-121m(n,t)Sb-119g	TALYS-6a	0	[4,8]	49
+Te-121m(n,t)Sb-119m	TALYS-6a	0	[4,7,8,8]	42
Te-121m(n,h)Sn-119g	TALYS-6a	0		43
Te-121m(n,h)Sn-119m	TALYS-6a	0		43
Te-121m(n,a)Sn-118	TALYS-6a	0	[2]	100
Te-121m(n,2a)Cd-114	TALYS-6a	0		100
Te-121m(n,2p)Sn-120	TALYS-6a	0	[8]	54
Te-121m(n,pa)In-117g	TALYS-6a	0		52
Te-121m(n,pa)In-117m	TALYS-6a	0		50
Te-121m(n,pd)Sn-119g	TALYS-6a	0		33
Te-121m(n,pd)Sn-119m	TALYS-6a	0		33
Te-121m(n,pt)Sn-118	TALYS-6a	0	[8]	32
Te-121m(n,da)In-116g	TALYS-6a	0		32
Te-121m(n,da)In-116m	TALYS-6a	0		32
Te-121m(n,da)In-116n	TALYS-6a	0		32
Te-121m(n,5n)Te-117g	TALYS-6a	0		14
Te-121m(n,5n)Te-117m	TALYS-6a	0		13
Te-121m(n,6n)Te-116	TALYS-6a	0		10
Te-121m(n,2nt)Sb-117	TALYS-6a	0	[8]	22
Te-121m(n,ta)In-115g	TALYS-6a	0		31
Te-121m(n,ta)In-115m	TALYS-6a	0		31
Te-121m(n,4np)Sb-117	TALYS-6a	0	[8]	15
Te-121m(n,3nd)Sb-117	TALYS-6a	0	[8]	16
Te-121m(n,n'da)In-115g	TALYS-6a	0		25
Te-121m(n,n'da)In-115m	TALYS-6a	0		24
Te-121m(n,2npa)In-115g	TALYS-6a	0		24
Te-121m(n,2npa)In-115m	TALYS-6a	0		23
Te-121m(n,7n)Te-115g	TALYS-6a	0		4
Te-121m(n,7n)Te-115m	TALYS-6a	0		4
Te-121m(n,5np)Sb-116g	TALYS-6a	0		11
Te-121m(n,5np)Sb-116m	TALYS-6a	0		10
Te-121m(n,6np)Sb-115	TALYS-6a	0		7
Te-121m(n,4na)Sn-114	TALYS-6a	0	[8]	19
Te-121m(n,5na)Sn-113g	TALYS-6a	0		12
Te-121m(n,5na)Sn-113m	TALYS-6a	0		12
Te-121m(n,6na)Sn-112	TALYS-6a	0	[8]	8
Te-121m(n,4nd)Sb-116g	TALYS-6a	0		11
Te-121m(n,4nd)Sb-116m	TALYS-6a	0		11
Te-121m(n,5nd)Sb-115	TALYS-6a	0	[8]	7
Te-121m(n,3nt)Sb-116g	TALYS-6a	0		14
Te-121m(n,3nt)Sb-116m	TALYS-6a	0		14
Te-121m(n,4nt)Sb-115	TALYS-6a	0	[8]	10
Te-121m(n,5nt)Sb-114	TALYS-6a	0	[8]	5
Te-121m(n,2nh)Sn-117g	TALYS-6a	0		22
Te-121m(n,2nh)Sn-117m	TALYS-6a	0		22
Te-121m(n,3nh)Sn-116	TALYS-6a	0	[8]	16
Te-121m(n,4nh)Sn-115	TALYS-6a	0	[8]	11
Te-121m(n,3n2p)Sn-117g	TALYS-6a	0		16
Te-121m(n,3n2p)Sn-117m	TALYS-6a	0		15
Te-121m(n,3n2a)Cd-111g	TALYS-6a	0		16
Te-121m(n,3n2a)Cd-111m	TALYS-6a	0		16
Te-121m(n,3npa)In-114g	TALYS-6a	0		15
Te-121m(n,3npa)In-114m	TALYS-6a	0		15
Te-121m(n,dt)Sn-117g	TALYS-6a	0		23
Te-121m(n,dt)Sn-117m	TALYS-6a	0		22
Te-121m(n,n'pd)Sn-118	TALYS-6a	0	[8]	26
Te-121m(n,n'pt)Sn-117g	TALYS-6a	0		22
Te-121m(n,n'pt)Sn-117m	TALYS-6a	0		22
Te-121m(n,n'dt)Sn-116	TALYS-6a	0	[8]	16
Te-121m(n,n'ph)In-117g	TALYS-6a	0		17
Te-121m(n,n'ph)In-117m	TALYS-6a	0		16
Te-121m(n,n'dh)In-116g	TALYS-6a	0		13
Te-121m(n,n'dh)In-116m	TALYS-6a	0		13
Te-121m(n,n'dh)In-116n	TALYS-6a	0		13
Te-121m(n,n'ta)In-114g	TALYS-6a	0		21
Te-121m(n,n'ta)In-114m	TALYS-6a	0		21
Te-121m(n,2n2p)Sn-118	TALYS-6a	0	[8]	24
Te-121m(n,4n2p)Sn-116	TALYS-6a	0	[8]	12
Te-121m(n,4n2a)Cd-110	TALYS-6a	0	[8]	12
Te-121m(n,4npa)In-113g	TALYS-6a	0		12
Te-121m(n,4npa)In-113m	TALYS-6a	0		11
Te-121m(n,n'3p)In-118g	TALYS-6a	0		16
Te-121m(n,n'3p)In-118m	TALYS-6a	0		16
Te-121m(n,n'3p)In-118n	TALYS-6a	0		16
Te-121m(n,5n2p)Sn-115	TALYS-6a	0	[8]	7
+Te-122(n,2nd)Sb-119g	TALYS-6a	0	[4,8]	23
+Te-122(n,2nd)Sb-119m	TALYS-6a	0	[4,7,8,8]	19
Te-122(n,2n)Te-121g	ADL-3	4	[13]	45
Te-122(n,2n)Te-121m	ADL-3	4	[13]	45
Te-122(n,3n)Te-120	TALYS-6a	0		29
Te-122(n,n'a)Sn-118	TALYS-6a	0	[8]	64
Te-122(n,2na)Sn-117g	TALYS-6a	0		34
Te-122(n,2na)Sn-117m	TALYS-6a	0		33
Te-122(n,3na)Sn-116	TALYS-6a	0	[8]	26
Te-122(n,n'p)Sb-121	TALYS-6a	0	[8]	44
Te-122(n,n'2a)Cd-114	TALYS-6a	0	[8]	31
Te-122(n,2n2a)Cd-113g	TALYS-6a	0		21
Te-122(n,2n2a)Cd-113m	TALYS-6a	0		21
Te-122(n,n'd)Sb-120g	TALYS-6a	0	[4,8]	30
Te-122(n,n'd)Sb-120m	TALYS-6a	0	[4,7,8,8]	29
+Te-122(n,n't)Sb-119g	TALYS-6a	0	[4,8]	29
+Te-122(n,n't)Sb-119m	TALYS-6a	0	[4,7,8,8]	26
Te-122(n,n'h)Sn-119g	TALYS-6a	0		27
Te-122(n,n'h)Sn-119m	TALYS-6a	0		27
Te-122(n,4n)Te-119g	TALYS-6a	0		19
Te-122(n,4n)Te-119m	TALYS-6a	0		19
Te-122(n,2np)Sb-120g	TALYS-6a	0	[4,8]	28
Te-122(n,2np)Sb-120m	TALYS-6a	0	[4,7,8,8]	27
+Te-122(n,3np)Sb-119g	TALYS-6a	0	[4,8]	21
+Te-122(n,3np)Sb-119m	TALYS-6a	0	[4,7,8,8]	17
Te-122(n,n'2p)Sn-120	TALYS-6a	0	[8]	30
Te-122(n,n'pa)In-117g	TALYS-6a	0		29
Te-122(n,n'pa)In-117m	TALYS-6a	0		29
>Te-122(n,g)Te-123g	JEF-2.2	2	[13,3]	6821
>Te-122(n,g)Te-123m	JEF-2.2	1	[13,3]	6821
Te-122(n,p)Sb-122g	TALYS-6	2		76
Te-122(n,p)Sb-122m	TALYS-6	2		75
Te-122(n,d)Sb-121	TALYS-6a	0	[8]	51
Te-122(n,t)Sb-120g	TALYS-6a	0	[4,8]	41
Te-122(n,t)Sb-120m	TALYS-6a	0	[4,7,8,8]	40
Te-122(n,h)Sn-120	TALYS-6a	0	[8]	42
Te-122(n,a)Sn-119g	TALYS-6a	0	[9,2,3]	6821
Te-122(n,a)Sn-119m	TALYS-6a	0	[9,2,3]	6821
Te-122(n,2a)Cd-115g	TALYS-6a	0		100
Te-122(n,2a)Cd-115m	TALYS-6a	0		100
Te-122(n,2p)Sn-121g	TALYS-6a	0		40
Te-122(n,2p)Sn-121m	TALYS-6a	0		41
Te-122(n,pa)In-118g	TALYS-6a	0		39
Te-122(n,pa)In-118m	TALYS-6a	0		39
Te-122(n,pa)In-118n	TALYS-6a	0		39
Te-122(n,pd)Sn-120	TALYS-6a	0	[8]	31
Te-122(n,pt)Sn-119g	TALYS-6a	0		28
Te-122(n,pt)Sn-119m	TALYS-6a	0		28
Te-122(n,da)In-117g	TALYS-6a	0		30
Te-122(n,da)In-117m	TALYS-6a	0		30
Te-122(n,5n)Te-118	TALYS-6a	0		14
Te-122(n,6n)Te-117g	TALYS-6a	0		9
Te-122(n,6n)Te-117m	TALYS-6a	0		8
Te-122(n,2nt)Sb-118g	TALYS-6a	0		19
Te-122(n,2nt)Sb-118m	TALYS-6a	0		19
Te-122(n,ta)In-116g	TALYS-6a	0		27
Te-122(n,ta)In-116m	TALYS-6a	0		27
Te-122(n,ta)In-116n	TALYS-6a	0		27
Te-122(n,4np)Sb-118g	TALYS-6a	0		14
Te-122(n,4np)Sb-118m	TALYS-6a	0		14
Te-122(n,3nd)Sb-118g	TALYS-6a	0		15
Te-122(n,3nd)Sb-118m	TALYS-6a	0		15
Te-122(n,n'da)In-116g	TALYS-6a	0		21
Te-122(n,n'da)In-116m	TALYS-6a	0		21
Te-122(n,n'da)In-116n	TALYS-6a	0		21
Te-122(n,2npa)In-116g	TALYS-6a	0		20
Te-122(n,2npa)In-116m	TALYS-6a	0		20
Te-122(n,2npa)In-116n	TALYS-6a	0		20
Te-122(n,7n)Te-116	TALYS-6a	0		5
Te-122(n,5np)Sb-117	TALYS-6a	0	[8]	10
Te-122(n,6np)Sb-116g	TALYS-6a	0		5
Te-122(n,6np)Sb-116m	TALYS-6a	0		5
Te-122(n,4na)Sn-115	TALYS-6a	0	[8]	16
Te-122(n,5na)Sn-114	TALYS-6a	0	[8]	12
Te-122(n,6na)Sn-113g	TALYS-6a	0		7
Te-122(n,6na)Sn-113m	TALYS-6a	0		7
Te-122(n,4nd)Sb-117	TALYS-6a	0	[8]	11
Te-122(n,5nd)Sb-116g	TALYS-6a	0		6
Te-122(n,5nd)Sb-116m	TALYS-6a	0		6
Te-122(n,3nt)Sb-117	TALYS-6a	0	[8]	14
Te-122(n,4nt)Sb-116g	TALYS-6a	0		9
Te-122(n,4nt)Sb-116m	TALYS-6a	0		9
Te-122(n,5nt)Sb-115	TALYS-6a	0	[8]	5
Te-122(n,2nh)Sn-118	TALYS-6a	0	[8]	21
Te-122(n,3nh)Sn-117g	TALYS-6a	0		14
Te-122(n,3nh)Sn-117m	TALYS-6a	0		14
Te-122(n,4nh)Sn-116	TALYS-6a	0	[8]	11
Te-122(n,3n2p)Sn-118	TALYS-6a	0	[8]	15
Te-122(n,3n2a)Cd-112	TALYS-6a	0	[8]	15
Te-122(n,3npa)In-115g	TALYS-6a	0		15
Te-122(n,3npa)In-115m	TALYS-6a	0		14
Te-122(n,dt)Sn-118	TALYS-6a	0	[8]	22
Te-122(n,n'pd)Sn-119g	TALYS-6a	0		22
Te-122(n,n'pd)Sn-119m	TALYS-6a	0		22
Te-122(n,n'pt)Sn-118	TALYS-6a	0	[8]	21
Te-122(n,n'dt)Sn-117g	TALYS-6a	0		14
Te-122(n,n'dt)Sn-117m	TALYS-6a	0		15
Te-122(n,n'ph)In-118g	TALYS-6a	0		14
Te-122(n,n'ph)In-118m	TALYS-6a	0		14
Te-122(n,n'ph)In-118n	TALYS-6a	0		14
Te-122(n,n'ta)In-115g	TALYS-6a	0		20
Te-122(n,n'ta)In-115m	TALYS-6a	0		20
Te-122(n,2n2p)Sn-119g	TALYS-6a	0		20
Te-122(n,2n2p)Sn-119m	TALYS-6a	0		20
Te-122(n,4n2p)Sn-117g	TALYS-6a	0		10
Te-122(n,4n2p)Sn-117m	TALYS-6a	0		10
Te-122(n,4n2a)Cd-111g	TALYS-6a	0		10
Te-122(n,4n2a)Cd-111m	TALYS-6a	0		10
Te-122(n,4npa)In-114g	TALYS-6a	0		10
Te-122(n,4npa)In-114m	TALYS-6a	0		10

Te-122(n,5n2p)Sn-116	TALYS-6a	0	[8]	7	Te-123m(n,2nd)Sb-120m	TALYS-6a	0	[4,7,8,8]	22
Te-123(n,n')Te-123m	TALYS-6a	0		88	Te-123m(n,2n)Te-122	TALYS-6a	0		52
Te-123(n,2nd)Sb-120g	TALYS-6a	0	[4,8]	23	Te-123m(n,3n)Te-121g	TALYS-6a	0		30
Te-123(n,2nd)Sb-120m	TALYS-6a	0	[4,7,8,8]	22	Te-123m(n,3n)Te-121m	TALYS-6a	0		30
Te-123(n,2n)Te-122	TALYS-6a	0		51	Te-123m(n,n'a)Sn-119g	TALYS-6a	0		63
Te-123(n,3n)Te-121g	TALYS-6a	0		30	Te-123m(n,n'a)Sn-119m	TALYS-6a	0		63
Te-123(n,3n)Te-121m	TALYS-6a	0		29	Te-123m(n,2na)Sn-118	TALYS-6a	0	[8]	39
Te-123(n,n'a)Sn-119g	TALYS-6a	0		62	Te-123m(n,3na)Sn-117g	TALYS-6a	0		26
Te-123(n,n'a)Sn-119m	TALYS-6a	0		61	Te-123m(n,3na)Sn-117m	TALYS-6a	0		26
Te-123(n,2na)Sn-118	TALYS-6a	0	[8]	39	Te-123m(n,n'p)Sb-122g	TALYS-6a	0		44
Te-123(n,3na)Sn-117g	TALYS-6a	0		26	Te-123m(n,n'p)Sb-122m	TALYS-6a	0		44
Te-123(n,3na)Sn-117m	TALYS-6a	0		25	Te-123m(n,n'2a)Cd-115g	TALYS-6a	0		29
Te-123(n,n'p)Sb-122g	TALYS-6a	0		44	Te-123m(n,n'2a)Cd-115m	TALYS-6a	0		30
Te-123(n,n'p)Sb-122m	TALYS-6a	0		43	Te-123m(n,2n2a)Cd-114	TALYS-6a	0	[8]	24
Te-123(n,n'2a)Cd-115g	TALYS-6a	0		29	Te-123m(n,n'd)Sb-121	TALYS-6a	0	[8]	34
Te-123(n,n'2a)Cd-115m	TALYS-6a	0		29	Te-123m(n,n't)Sb-120g	TALYS-6a	0	[4,8]	29
Te-123(n,2n2a)Cd-114	TALYS-6a	0	[8]	23	Te-123m(n,n't)Sb-120m	TALYS-6a	0	[4,7,8,8]	28
Te-123(n,n'd)Sb-121	TALYS-6a	0	[8]	33	Te-123m(n,n'h)Sn-120	TALYS-6a	0	[8]	30
Te-123(n,n't)Sb-120g	TALYS-6a	0	[4,8]	29	Te-123m(n,4n)Te-120	TALYS-6a	0		23
Te-123(n,n't)Sb-120m	TALYS-6a	0	[4,7,8,8]	28	Te-123m(n,2np)Sb-121	TALYS-6a	0	[8]	31
Te-123(n,n'h)Sn-120	TALYS-6a	0	[8]	29	Te-123m(n,3np)Sb-120g	TALYS-6a	0	[4]	22
Te-123(n,4n)Te-120	TALYS-6a	0		22	Te-123m(n,3np)Sb-120m	TALYS-6a	0	[4,7,8]	21
Te-123(n,2np)Sb-121	TALYS-6a	0		31	Te-123m(n,n'2p)Sn-121g	TALYS-6a	0		29
Te-123(n,3np)Sb-120g	TALYS-6a	0	[4]	22	Te-123m(n,n'2p)Sn-121m	TALYS-6a	0		29
Te-123(n,3np)Sb-120m	TALYS-6a	0	[4,7,8]	21	Te-123m(n,n'pa)In-118g	TALYS-6a	0		28
Te-123(n,n'2p)Sn-121g	TALYS-6a	0		29	Te-123m(n,n'pa)In-118m	TALYS-6a	0		28
Te-123(n,n'2p)Sn-121m	TALYS-6a	0		29	Te-123m(n,n'pa)In-118n	TALYS-6a	0		28
Te-123(n,n'pa)In-118g	TALYS-6a	0		28	>Te-123m(n,g)Te-124	JEF-2.2	0	[13]	6162
Te-123(n,n'pa)In-118m	TALYS-6a	0		28	Te-123m(n,p)Sb-123	TALYS-6a	0	[9,2,3]	6162
Te-123(n,n'pa)In-118n	TALYS-6a	0		28	Te-123m(n,d)Sb-122g	TALYS-6a	0		51
>Te-123(n,g)Te-124	JEF-2.2	4	[13,13]	6162	Te-123m(n,d)Sb-122m	TALYS-6a	0		50
Te-123(n,p)Sb-123	TALYS-6a	0	[9,2,3]	6162	Te-123m(n,t)Sb-121	TALYS-6a	0	[8]	47
Te-123(n,d)Sb-122g	TALYS-6a	0		50	Te-123m(n,h)Sn-121g	TALYS-6a	0		40
Te-123(n,d)Sb-122m	TALYS-6a	0		49	Te-123m(n,h)Sn-121m	TALYS-6a	0		40
Te-123(n,t)Sb-121	TALYS-6a	0	[8]	46	Te-123m(n,a)Sn-120	TALYS-6a	0	[9,2,3]	6162
Te-123(n,h)Sn-121g	TALYS-6a	0		40	Te-123m(n,2a)Cd-116	TALYS-6a	0		100
Te-123(n,h)Sn-121m	TALYS-6a	0		40	Te-123m(n,2p)Sn-122	TALYS-6a	0	[8]	45
Te-123(n,a)Sn-120	JENDL-3.2	2	[13]	1184	Te-123m(n,pa)In-119g	TALYS-6a	0		44
Te-123(n,2a)Cd-116	TALYS-6a	0		100	Te-123m(n,pa)In-119m	TALYS-6a	0		43
Te-123(n,2p)Sn-122	TALYS-6a	0	[8]	45	Te-123m(n,pd)Sn-121g	TALYS-6a	0		30
Te-123(n,pa)In-119g	TALYS-6a	0		43	Te-123m(n,pd)Sn-121m	TALYS-6a	0		31
Te-123(n,pa)In-119m	TALYS-6a	0		42	Te-123m(n,pt)Sn-120	TALYS-6a	0	[8]	31
Te-123(n,pd)Sn-121g	TALYS-6a	0		30	Te-123m(n,da)In-118g	TALYS-6a	0		29
Te-123(n,pd)Sn-121m	TALYS-6a	0		30	Te-123m(n,da)In-118m	TALYS-6a	0		30
Te-123(n,pt)Sn-120	TALYS-6a	0	[8]	30	Te-123m(n,da)In-118n	TALYS-6a	0		30
Te-123(n,da)In-118g	TALYS-6a	0		29	Te-123m(n,5n)Te-119g	TALYS-6a	0		14
Te-123(n,da)In-118m	TALYS-6a	0		29	Te-123m(n,5n)Te-119m	TALYS-6a	0		14
Te-123(n,da)In-118n	TALYS-6a	0		29	Te-123m(n,6n)Te-118	TALYS-6a	0		11
Te-123(n,5n)Te-119g	TALYS-6a	0		14	Te-123m(n,2nt)Sb-119g	TALYS-6a	0	[4,8]	22
Te-123(n,5n)Te-119m	TALYS-6a	0		14	+Te-123m(n,2nt)Sb-119m	TALYS-6a	0	[4,7,8,8]	19
Te-123(n,6n)Te-118	TALYS-6a	0		10	Te-123m(n,ta)In-117g	TALYS-6a	0		30
+Te-123(n,2nt)Sb-119g	TALYS-6a	0	[4,8]	22	Te-123m(n,ta)In-117m	TALYS-6a	0		29
+Te-123(n,2nt)Sb-119m	TALYS-6a	0	[4,7,8,8]	19	+Te-123m(n,4np)Sb-119g	TALYS-6a	0	[4]	16
Te-123(n,ta)In-117g	TALYS-6a	0		29	+Te-123m(n,4np)Sb-119m	TALYS-6a	0	[4,7,8]	13
Te-123(n,ta)In-117m	TALYS-6a	0		29	+Te-123m(n,3nd)Sb-119g	TALYS-6a	0	[4,8]	16
+Te-123(n,4np)Sb-119g	TALYS-6a	0	[4]	16	+Te-123m(n,3nd)Sb-119m	TALYS-6a	0	[4,7,8,8]	14
+Te-123(n,4np)Sb-119m	TALYS-6a	0	[4,7,8]	13	Te-123m(n,n'da)In-117g	TALYS-6a	0		24
+Te-123(n,3nd)Sb-119g	TALYS-6a	0	[4,8]	16	Te-123m(n,n'da)In-117m	TALYS-6a	0		23
+Te-123(n,3nd)Sb-119m	TALYS-6a	0	[4,7,8,8]	13	Te-123m(n,2npa)In-117g	TALYS-6a	0		22
Te-123(n,n'da)In-117g	TALYS-6a	0		23	Te-123m(n,2npa)In-117m	TALYS-6a	0		22
Te-123(n,n'da)In-117m	TALYS-6a	0		23	Te-123m(n,7n)Te-117g	TALYS-6a	0		5
Te-123(n,2npa)In-117g	TALYS-6a	0		22	Te-123m(n,7n)Te-117m	TALYS-6a	0		5
Te-123(n,2npa)In-117m	TALYS-6a	0		21	Te-123m(n,5np)Sb-118g	TALYS-6a	0		11
Te-123(n,7n)Te-117g	TALYS-6a	0		5	Te-123m(n,5np)Sb-118m	TALYS-6a	0		11
Te-123(n,7n)Te-117m	TALYS-6a	0		5	Te-123m(n,6np)Sb-117	TALYS-6a	0		7
Te-123(n,5np)Sb-118g	TALYS-6a	0		11	Te-123m(n,4na)Sn-116	TALYS-6a	0	[8]	19
Te-123(n,5np)Sb-118m	TALYS-6a	0		11	Te-123m(n,5na)Sn-115	TALYS-6a	0	[8]	13
Te-123(n,6np)Sb-117	TALYS-6a	0		7	Te-123m(n,6na)Sn-114	TALYS-6a	0	[8]	9
Te-123(n,4na)Sn-116	TALYS-6a	0	[8]	19	Te-123m(n,4nd)Sb-118g	TALYS-6a	0		12
Te-123(n,5na)Sn-115	TALYS-6a	0	[8]	13	Te-123m(n,4nd)Sb-118m	TALYS-6a	0		12
Te-123(n,6na)Sn-114	TALYS-6a	0	[8]	9	Te-123m(n,5nd)Sb-117	TALYS-6a	0		8
Te-123(n,4nd)Sb-118g	TALYS-6a	0		12	Te-123m(n,3nt)Sb-118g	TALYS-6a	0		14
Te-123(n,4nd)Sb-118m	TALYS-6a	0		11	Te-123m(n,3nt)Sb-118m	TALYS-6a	0		14
Te-123(n,5nd)Sb-117	TALYS-6a	0		8	Te-123m(n,4nt)Sb-117	TALYS-6a	0	[8]	11
Te-123(n,3nt)Sb-118g	TALYS-6a	0		14	Te-123m(n,5nt)Sb-116g	TALYS-6a	0		6
Te-123(n,3nt)Sb-118m	TALYS-6a	0		14	Te-123m(n,5nt)Sb-116m	TALYS-6a	0		6
Te-123(n,4nt)Sb-117	TALYS-6a	0		11	Te-123m(n,2nh)Sn-119g	TALYS-6a	0		21
Te-123(n,5nt)Sb-116g	TALYS-6a	0		5	Te-123m(n,2nh)Sn-119m	TALYS-6a	0		20
Te-123(n,5nt)Sb-116m	TALYS-6a	0		5	Te-123m(n,3nh)Sn-118	TALYS-6a	0	[8]	15
Te-123(n,2nh)Sn-119g	TALYS-6a	0		20	Te-123m(n,4nh)Sn-117g	TALYS-6a	0		11
Te-123(n,2nh)Sn-119m	TALYS-6a	0		20	Te-123m(n,4nh)Sn-117m	TALYS-6a	0		11
Te-123(n,3nh)Sn-118	TALYS-6a	0	[8]	15	Te-123m(n,3n2p)Sn-119g	TALYS-6a	0		15
Te-123(n,4nh)Sn-117g	TALYS-6a	0		11	Te-123m(n,3n2p)Sn-119m	TALYS-6a	0		15
Te-123(n,4nh)Sn-117m	TALYS-6a	0		11	Te-123m(n,3n2a)Cd-113g	TALYS-6a	0		15
Te-123(n,3n2p)Sn-119g	TALYS-6a	0		15	Te-123m(n,3n2a)Cd-113m	TALYS-6a	0		15
Te-123(n,3n2p)Sn-119m	TALYS-6a	0		15	Te-123m(n,3npa)In-116g	TALYS-6a	0		15
Te-123(n,3n2a)Cd-113g	TALYS-6a	0		15	Te-123m(n,3npa)In-116m	TALYS-6a	0		15
Te-123(n,3n2a)Cd-113m	TALYS-6a	0		15	Te-123m(n,3npa)In-116n	TALYS-6a	0		15
Te-123(n,3npa)In-116g	TALYS-6a	0		14	Te-123m(n,n'pd)Sn-120	TALYS-6a	0	[8]	24
Te-123(n,3npa)In-116m	TALYS-6a	0		14	Te-123m(n,n'pt)Sn-119g	TALYS-6a	0		21
Te-123(n,3npa)In-116n	TALYS-6a	0		14	Te-123m(n,n'pt)Sn-119m	TALYS-6a	0		21
Te-123(n,n'pd)Sn-120	TALYS-6a	0	[8]	24	Te-123m(n,n'dt)Sn-118	TALYS-6a	0	[8]	16
Te-123(n,n'pt)Sn-119g	TALYS-6a	0		21	Te-123m(n,n'ph)In-119g	TALYS-6a	0		15
Te-123(n,n'pt)Sn-119m	TALYS-6a	0		21	Te-123m(n,n'ph)In-119m	TALYS-6a	0		15
Te-123(n,n'dt)Sn-118	TALYS-6a	0	[8]	16	Te-123m(n,n'ta)In-116g	TALYS-6a	0		20
Te-123(n,n'ph)In-119g	TALYS-6a	0		15	Te-123m(n,n'ta)In-116m	TALYS-6a	0		20
Te-123(n,n'ph)In-119m	TALYS-6a	0		15	Te-123m(n,n'ta)In-116n	TALYS-6a	0		20
Te-123(n,n'ta)In-116g	TALYS-6a	0		20	Te-123m(n,2n2p)Sn-120	TALYS-6a	0	[8]	23
Te-123(n,n'ta)In-116m	TALYS-6a	0		20	Te-123m(n,4n2p)Sn-118	TALYS-6a	0	[8]	12
Te-123(n,n'ta)In-116n	TALYS-6a	0		20	Te-123m(n,4n2a)Cd-112	TALYS-6a	0	[8]	12
Te-123(n,2n2p)Sn-120	TALYS-6a	0	[8]	23	Te-123m(n,4npa)In-115g	TALYS-6a	0		11
Te-123(n,4n2p)Sn-118	TALYS-6a	0	[8]	12	Te-123m(n,4npa)In-115m	TALYS-6a	0		11
Te-123(n,4n2a)Cd-112	TALYS-6a	0	[8]	12	Te-124(n,2nd)Sb-121	TALYS-6a	0	[8]	23
Te-123(n,4npa)In-115g	TALYS-6a	0		11	Te-124(n,2n)Te-123g	TALYS-6a	0		42
Te-123(n,4npa)In-115m	TALYS-6a	0		11	Te-124(n,2n)Te-123m	ADL-3	4	[13]	45
Te-123(n,5n2p)Sn-117g	TALYS-6a	0		7	Te-124(n,3n)Te-122	TALYS-6a	0		30
Te-123(n,5n2p)Sn-117m	TALYS-6a	0		7	Te-124(n,n'a)Sn-120	TALYS-6a	0	[8]	60
Te-123m(n,n')Te-123g	TALYS-6a	0	[8]	97	Te-124(n,2na)Sn-119g	TALYS-6a	0		33
Te-123m(n,2nd)Sb-120g	TALYS-6a	0	[4,8]	24	Te-124(n,2na)Sn-119m	TALYS-6a	0		33

Te-124(n,3na)Sn-118	TALYS-6a	0 [8]		26
Te-124(n,n'p)Sb-123	TALYS-6a	0 [8]		43
Te-124(n,n'2a)Cd-116	TALYS-6a	0 [8]		28
Te-124(n,2n2a)Cd-115g	TALYS-6a	0		18
Te-124(n,2n2a)Cd-115m	TALYS-6a	0		19
Te-124(n,n'd)Sb-122g	TALYS-6a	0		30
Te-124(n,n'd)Sb-122m	TALYS-6a	0		30
Te-124(n,n't)Sb-121	TALYS-6a	0 [8]		29
Te-124(n,n'h)Sn-121g	TALYS-6a	0		26
Te-124(n,n'h)Sn-121m	TALYS-6a	0		26
Te-124(n,4n)Te-121g	TALYS-6a	0		20
Te-124(n,4n)Te-121m	TALYS-6a	0		20
Te-124(n,2np)Sb-122g	TALYS-6a	0		28
Te-124(n,2np)Sb-122m	TALYS-6a	0		28
Te-124(n,3np)Sb-121	TALYS-6a	0 [8]		21
Te-124(n,n'2p)Sn-122	TALYS-6a	0 [8]		28
Te-124(n,n'pa)In-119g	TALYS-6a	0		27
Te-124(n,n'pa)In-119m	TALYS-6a	0		27
Te-124(n,g)Te-125g	JEF-2.2	4 [13,13,4,6,4]		8289
Te-124(n,g)Te-125m	JEF-2.2	2 [13,13,4,6,4]		8289
Te-124(n,p)Sb-124g	TALYS-6	1		72
Te-124(n,p)Sb-124m	TALYS-6	2 [3,2]		72
Te-124(n,p)Sb-124n	TALYS-6	2 [3]		71
Te-124(n,d)Sb-123	TALYS-6a	0 [8]		48
Te-124(n,t)Sb-122g	TALYS-6a	0		40
Te-124(n,t)Sb-122m	TALYS-6a	0		40
Te-124(n,h)Sn-122	TALYS-6a	0 [8]		39
Te-124(n,a)Sn-121g	TALYS-5	1 [9,3]		8326
Te-124(n,a)Sn-121m	TALYS-6a	0 [9,2,3]		8326
Te-124(n,2p)Sn-123g	TALYS-6a	0		37
Te-124(n,2p)Sn-123m	TALYS-6a	0		37
Te-124(n,pa)In-120g	TALYS-6a	0 [4]		34
Te-124(n,pa)In-120m	TALYS-6a	0 [4,7,8]		35
Te-124(n,pa)In-120n	TALYS-6a	0 [4,7,8]		33
Te-124(n,pd)Sn-122	TALYS-6a	0 [8]		30
Te-124(n,pt)Sn-121g	TALYS-6a	0		27
Te-124(n,pt)Sn-121m	TALYS-6a	0		27
Te-124(n,da)In-119g	TALYS-6a	0		29
Te-124(n,da)In-119m	TALYS-6a	0		28
Te-124(n,5n)Te-120	TALYS-6a	0		15
Te-124(n,6n)Te-119g	TALYS-6a	0		9
Te-124(n,6n)Te-119m	TALYS-6a	0		9
Te-124(n,2nt)Sb-120g	TALYS-6a	0 [4,8]		19
Te-124(n,2nt)Sb-120m	TALYS-6a	0 [4,7,8,8]		18
Te-124(n,4np)Sb-120g	TALYS-6a	0 [4,8]		14
Te-124(n,4np)Sb-120m	TALYS-6a	0 [4,7,8,8]		12
Te-124(n,3nd)Sb-120g	TALYS-6a	0 [4,8]		15
Te-124(n,3nd)Sb-120m	TALYS-6a	0 [4,7,8,8]		14
Te-124(n,n'da)In-118g	TALYS-6a	0		19
Te-124(n,n'da)In-118m	TALYS-6a	0		19
Te-124(n,n'da)In-118n	TALYS-6a	0		19
Te-124(n,2npa)In-118g	TALYS-6a	0		18
Te-124(n,2npa)In-118m	TALYS-6a	0		18
Te-124(n,2npa)In-118n	TALYS-6a	0		18
Te-124(n,7n)Te-118	TALYS-6a	0		6
+Te-124(n,5np)Sb-119g	TALYS-6a	0 [4]		11
+Te-124(n,5np)Sb-119m	TALYS-6a	0 [4,7,8]		9
Te-124(n,6np)Sb-118g	TALYS-6a	0		6
Te-124(n,6np)Sb-118m	TALYS-6a	0		6
Te-124(n,4na)Sn-117g	TALYS-6a	0		16
Te-124(n,4na)Sn-117m	TALYS-6a	0		16
Te-124(n,5na)Sn-116	TALYS-6a	0 [8]		13
Te-124(n,6na)Sn-115	TALYS-6a	0 [8]		8
+Te-124(n,4nd)Sb-119g	TALYS-6a	0 [4]		12
+Te-124(n,4nd)Sb-119m	TALYS-6a	0 [4,7,8]		10
Te-124(n,5nd)Sb-118g	TALYS-6a	0		7
Te-124(n,5nd)Sb-118m	TALYS-6a	0		7
+Te-124(n,3nt)Sb-119g	TALYS-6a	0 [4,8]		14
+Te-124(n,3nt)Sb-119m	TALYS-6a	0 [4,7,8,8]		12
Te-124(n,4nt)Sb-118g	TALYS-6a	0		9
Te-124(n,4nt)Sb-118m	TALYS-6a	0		9
Te-124(n,5nt)Sb-117	TALYS-6a	0 [8]		6
Te-124(n,2nh)Sn-120	TALYS-6a	0 [8]		20
Te-124(n,3nh)Sn-119g	TALYS-6a	0		14
Te-124(n,3nh)Sn-119m	TALYS-6a	0		14
Te-124(n,4nh)Sn-118	TALYS-6a	0 [8]		10
Te-124(n,3n2p)Sn-120	TALYS-6a	0 [8]		15
Te-124(n,3n2a)Cd-114	TALYS-6a	0 [8]		15
Te-124(n,3npa)In-117g	TALYS-6a	0		14
Te-124(n,3npa)In-117m	TALYS-6a	0		14
Te-124(n,n'pd)Sn-121g	TALYS-6a	0		21
Te-124(n,n'pd)Sn-121m	TALYS-6a	0		21
Te-124(n,n'pt)Sn-120	TALYS-6a	0 [8]		20
Te-124(n,n'dt)Sn-119g	TALYS-6a	0		14
Te-124(n,n'dt)Sn-119m	TALYS-6a	0		14
Te-124(n,n'ph)In-120g	TALYS-6a	0 [4]		13
Te-124(n,n'ph)In-120m	TALYS-6a	0 [4,7,8]		13
Te-124(n,n'ph)In-120n	TALYS-6a	0 [4,7,8]		12
Te-124(n,n'ta)In-117g	TALYS-6a	0		19
Te-124(n,n'ta)In-117m	TALYS-6a	0		19
Te-124(n,2n2p)Sn-121g	TALYS-6a	0		19
Te-124(n,2n2p)Sn-121m	TALYS-6a	0		19
Te-124(n,4n2p)Sn-119g	TALYS-6a	0		10
Te-124(n,4n2p)Sn-119m	TALYS-6a	0		10
Te-124(n,4n2a)Cd-113g	TALYS-6a	0		9
Te-124(n,4n2a)Cd-113m	TALYS-6a	0		10
Te-124(n,4npa)In-116g	TALYS-6a	0		9
Te-124(n,4npa)In-116m	TALYS-6a	0		9
Te-124(n,4npa)In-116n	TALYS-6a	0		9
Te-125(n,n')Te-125m	TALYS-6a	0		89
Te-125(n,2nd)Sb-122g	TALYS-6a	0		23
Te-125(n,2nd)Sb-122m	TALYS-6a	0		23
Te-125(n,2n)Te-124	TALYS-6a	0		52
Te-125(n,3n)Te-123g	TALYS-6a	0		30
Te-125(n,3n)Te-123m	TALYS-6a	0		30
Te-125(n,n'a)Sn-121g	TALYS-6a	0		58
Te-125(n,n'a)Sn-121m	TALYS-6a	0		58
Te-125(n,2na)Sn-120	TALYS-6a	0 [8]		38
Te-125(n,3na)Sn-119g	TALYS-6a	0		25

Te-125(n,3na)Sn-119m	TALYS-6a	0		25
Te-125(n,n'p)Sb-124g	TALYS-6a	0		42
Te-125(n,n'p)Sb-124m	TALYS-6a	0		42
Te-125(n,n'p)Sb-124n	TALYS-6a	0		42
Te-125(n,n'2a)Cd-117g	TALYS-6a	0		26
Te-125(n,n'2a)Cd-117m	TALYS-6a	0		27
Te-125(n,2n2a)Cd-116	TALYS-6a	0 [8]		21
Te-125(n,n'd)Sb-123	TALYS-6a	0 [8]		33
Te-125(n,n't)Sb-122g	TALYS-6a	0		29
Te-125(n,n't)Sb-122m	TALYS-6a	0		29
Te-125(n,n'h)Sn-122	TALYS-6a	0 [8]		28
Te-125(n,4n)Te-122	TALYS-6a	0		23
Te-125(n,2np)Sb-123	TALYS-6a	0 [8]		30
Te-125(n,3np)Sb-122g	TALYS-6a	0		22
Te-125(n,3np)Sb-122m	TALYS-6a	0		21
Te-125(n,n'2p)Sn-123g	TALYS-6a	0		27
Te-125(n,n'2p)Sn-123m	TALYS-6a	0		27
Te-125(n,n'pa)In-120g	TALYS-6a	0 [4]		26
Te-125(n,n'pa)In-120m	TALYS-6a	0 [4,7,8]		26
Te-125(n,n'pa)In-120n	TALYS-6a	0 [4,7,8]		25
>Te-125(n,g)Te-126	JEF-2.2	4 [14,13,13]		7980
Te-125(n,p)Sb-125	TALYS-6a	0 [2]		100
Te-125(n,d)Sb-124g	TALYS-6a	0		47
Te-125(n,d)Sb-124m	TALYS-6a	0		47
Te-125(n,d)Sb-124n	TALYS-6a	0		46
Te-125(n,t)Sb-123	TALYS-6a	0 [8]		45
Te-125(n,h)Sn-123g	TALYS-6a	0		37
Te-125(n,h)Sn-123m	TALYS-6a	0		37
Te-125(n,a)Sn-122	TALYS-6a	0 [9,2,3]		7880
Te-125(n,2p)Sn-124	TALYS-6a	0 [8]		41
Te-125(n,pa)In-121g	TALYS-6a	0		38
Te-125(n,pa)In-121m	TALYS-6a	0		37
Te-125(n,pd)Sn-123g	TALYS-6a	0		29
Te-125(n,pd)Sn-123m	TALYS-6a	0		29
Te-125(n,pt)Sn-122	TALYS-6a	0 [8]		29
Te-125(n,5n)Te-121g	TALYS-6a	0		15
Te-125(n,5n)Te-121m	TALYS-6a	0		15
Te-125(n,6n)Te-120	TALYS-6a	0		11
Te-125(n,2nt)Sb-121	TALYS-6a	0 [8]		22
Te-125(n,ta)In-119g	TALYS-6a	0		28
Te-125(n,ta)In-119m	TALYS-6a	0		27
Te-125(n,4np)Sb-121	TALYS-6a	0		16
Te-125(n,3nd)Sb-121	TALYS-6a	0 [8]		16
Te-125(n,n'da)In-119g	TALYS-6a	0		22
Te-125(n,n'da)In-119m	TALYS-6a	0		21
Te-125(n,2npa)In-119g	TALYS-6a	0		20
Te-125(n,2npa)In-119m	TALYS-6a	0		20
Te-125(n,7n)Te-119g	TALYS-6a	0		6
Te-125(n,7n)Te-119m	TALYS-6a	0		6
Te-125(n,5np)Sb-120g	TALYS-6a	0 [4]		11
Te-125(n,5np)Sb-120m	TALYS-6a	0 [4,7,8]		10
+Te-125(n,6np)Sb-119g	TALYS-6a	0 [4,8]		7
+Te-125(n,6np)Sb-119m	TALYS-6a	0 [4,7,8,8]		4
Te-125(n,4na)Sn-118	TALYS-6a	0 [8]		19
Te-125(n,5na)Sn-117g	TALYS-6a	0		13
Te-125(n,5na)Sn-117m	TALYS-6a	0		13
Te-125(n,6na)Sn-116	TALYS-6a	0 [8]		9
Te-125(n,4nd)Sb-120g	TALYS-6a	0 [4]		12
Te-125(n,4nd)Sb-120m	TALYS-6a	0 [4,7,8]		11
+Te-125(n,5nd)Sb-119g	TALYS-6a	0 [4,8]		8
+Te-125(n,5nd)Sb-119m	TALYS-6a	0 [4,7,8,8]		5
Te-125(n,3nt)Sb-120g	TALYS-6a	0 [4,8]		15
Te-125(n,3nt)Sb-120m	TALYS-6a	0 [4,7,8,8]		13
+Te-125(n,4nt)Sb-119g	TALYS-6a	0 [4,8]		11
+Te-125(n,4nt)Sb-119m	TALYS-6a	0 [4,7,8,8]		9
Te-125(n,5nt)Sb-118g	TALYS-6a	0		6
Te-125(n,5nt)Sb-118m	TALYS-6a	0		5
Te-125(n,2nh)Sn-121g	TALYS-6a	0		20
Te-125(n,2nh)Sn-121m	TALYS-6a	0		20
Te-125(n,3nh)Sn-120	TALYS-6a	0 [8]		15
Te-125(n,4nh)Sn-119g	TALYS-6a	0		11
Te-125(n,4nh)Sn-119m	TALYS-6a	0		11
Te-125(n,3n2p)Sn-121g	TALYS-6a	0		14
Te-125(n,3n2p)Sn-121m	TALYS-6a	0		14
Te-125(n,3n2a)Cd-115g	TALYS-6a	0		14
Te-125(n,3n2a)Cd-115m	TALYS-6a	0		14
Te-125(n,3npa)In-118g	TALYS-6a	0		14
Te-125(n,3npa)In-118m	TALYS-6a	0		14
Te-125(n,3npa)In-118n	TALYS-6a	0		14
Te-125(n,n'pd)Sn-122	TALYS-6a	0 [8]		23
Te-125(n,n'pt)Sn-121g	TALYS-6a	0		20
Te-125(n,n'pt)Sn-121m	TALYS-6a	0		20
Te-125(n,n'dt)Sn-120	TALYS-6a	0 [8]		15
Te-125(n,n'ta)In-118g	TALYS-6a	0		18
Te-125(n,n'ta)In-118m	TALYS-6a	0		18
Te-125(n,n'ta)In-118n	TALYS-6a	0		18
Te-125(n,2n2p)Sn-122	TALYS-6a	0 [8]		21
Te-125(n,4n2p)Sn-120	TALYS-6a	0 [8]		11
Te-125(n,4n2a)Cd-114	TALYS-6a	0 [8]		11
Te-125(n,4npa)In-117g	TALYS-6a	0		11
Te-125(n,4npa)In-117m	TALYS-6a	0		10
Te-125m(n,n')Te-125g	TALYS-6a	0 [8]		97
Te-125m(n,2nd)Sb-122g	TALYS-6a	0		23
Te-125m(n,2nd)Sb-122m	TALYS-6a	0		23
Te-125m(n,2n)Te-124	TALYS-6a	0		53
Te-125m(n,3n)Te-123g	TALYS-6a	0		31
Te-125m(n,3n)Te-123m	TALYS-6a	0		30
Te-125m(n,n'a)Sn-121g	TALYS-6a	0		59
Te-125m(n,n'a)Sn-121m	TALYS-6a	0		59
Te-125m(n,2na)Sn-120	TALYS-6a	0 [8]		38
Te-125m(n,3na)Sn-119g	TALYS-6a	0		26
Te-125m(n,3na)Sn-119m	TALYS-6a	0		26
Te-125m(n,n'p)Sb-124g	TALYS-6a	0		43
Te-125m(n,n'p)Sb-124m	TALYS-6a	0		43
Te-125m(n,n'p)Sb-124n	TALYS-6a	0		43
Te-125m(n,n'2a)Cd-117g	TALYS-6a	0		26
Te-125m(n,n'2a)Cd-117m	TALYS-6a	0		27
Te-125m(n,2n2a)Cd-116	TALYS-6a	0 [8]		21
Te-125m(n,n'd)Sb-123	TALYS-6a	0 [8]		33

Te-125m(n,n't)Sb-122g	TALYS-6a	0		29	Te-126(n,3np)Sb-123	TALYS-6a	0		22
Te-125m(n,n't)Sb-122m	TALYS-6a	0		29	Te-126(n,n'2p)Sn-124	TALYS-6a	0 [8]		27
Te-125m(n,n'h)Sn-122	TALYS-6a	0 [8]		29	Te-126(n,n'pa)In-121g	TALYS-6a	0		25
Te-125m(n,4n)Te-122	TALYS-6a	0		24	Te-126(n,n'pa)In-121m	TALYS-6a	0		24
Te-125m(n,2np)Sb-123	TALYS-6a	0		31	>Te-126(n,g)Te-127g	JEF-2.2	4 [13,3]		6468
Te-125m(n,3np)Sb-122g	TALYS-6a	0		22	>Te-126(n,g)Te-127m	JEF-2.2	2 [13,3]		6468
Te-125m(n,3np)Sb-122m	TALYS-6a	0		22	Te-126(n,p)Sb-126g	TALYS-6	2 [3]		67
Te-125m(n,n'2p)Sn-123g	TALYS-6a	0		27	Te-126(n,p)Sb-126m	TALYS-6	2 [3]		68
Te-125m(n,n'2p)Sn-123m	TALYS-6a	0		27	Te-126(n,p)Sb-126n	TALYS-6	2 [3]		68
Te-125m(n,n'pa)In-120g	TALYS-6a	0 [4]		26	Te-126(n,d)Sb-125	TALYS-6a	0 [8]		45
Te-125m(n,n'pa)In-120m	TALYS-6a	0 [4,7,8]		26	Te-126(n,t)Sb-124g	TALYS-6a	0		40
Te-125m(n,n'pa)In-120n	TALYS-6a	0 [4,7,8]		25	Te-126(n,t)Sb-124m	TALYS-6a	0		40
>Te-125m(n,g)Te-126	JEF-2.2	0 [14,13]		7881	Te-126(n,t)Sb-124n	TALYS-6a	0		39
Te-125m(n,p)Sb-125	TALYS-6a	0 [2]		100	Te-126(n,h)Sn-124	TALYS-6a	0 [8]		36
Te-125m(n,d)Sb-124g	TALYS-6a	0		47	Te-126(n,a)Sn-123g	TALYS-5	2 [9,3]		6468
Te-125m(n,d)Sb-124m	TALYS-6a	0		47	Te-126(n,a)Sn-123m	TALYS-5	2 [9,3]		6468
Te-125m(n,d)Sb-124n	TALYS-6a	0		47	Te-126(n,2p)Sn-125g	TALYS-6a	0		34
Te-125m(n,t)Sb-123	TALYS-6a	0 [8]		45	Te-126(n,2p)Sn-125m	TALYS-6a	0		33
Te-125m(n,h)Sn-123g	TALYS-6a	0		37	Te-126(n,pd)Sn-124	TALYS-6a	0 [8]		28
Te-125m(n,h)Sn-123m	TALYS-6a	0		37	Te-126(n,5n)Te-122	TALYS-6a	0		15
Te-125m(n,a)Sn-122	TALYS-6a	0 [9,2,3]		7880	Te-126(n,6n)Te-121g	TALYS-6a	0		10
Te-125m(n,2p)Sn-124	TALYS-6a	0 [8]		41	Te-126(n,6n)Te-121m	TALYS-6a	0		10
Te-125m(n,pa)In-121g	TALYS-6a	0		39	Te-126(n,2nt)Sb-122g	TALYS-6a	0		20
Te-125m(n,pa)In-121m	TALYS-6a	0		37	Te-126(n,2nt)Sb-122m	TALYS-6a	0		20
Te-125m(n,pd)Sn-123g	TALYS-6a	0		29	Te-126(n,4np)Sb-122g	TALYS-6a	0		15
Te-125m(n,pd)Sn-123m	TALYS-6a	0		29	Te-126(n,4np)Sb-122m	TALYS-6a	0		14
Te-125m(n,pt)Sn-122	TALYS-6a	0 [8]		29	Te-126(n,3nd)Sb-122g	TALYS-6a	0		15
Te-125m(n,da)In-120g	TALYS-6a	0 [4]		27	Te-126(n,3nd)Sb-122m	TALYS-6a	0		15
Te-125m(n,da)In-120m	TALYS-6a	0 [4,7,8]		28	Te-126(n,n'da)In-120g	TALYS-6a	0 [4]		17
Te-125m(n,da)In-120n	TALYS-6a	0 [4,7,8]		26	Te-126(n,n'da)In-120m	TALYS-6a	0 [4,7,8]		18
Te-125m(n,5n)Te-121g	TALYS-6a	0		15	Te-126(n,n'da)In-120n	TALYS-6a	0 [4,7,8]		16
Te-125m(n,5n)Te-121m	TALYS-6a	0		15	Te-126(n,2npa)In-120g	TALYS-6a	0 [4]		16
Te-125m(n,6n)Te-120	TALYS-6a	0		11	Te-126(n,2npa)In-120m	TALYS-6a	0 [4,7,8]		17
Te-125m(n,2nt)Sb-121	TALYS-6a	0 [8]		22	Te-126(n,2npa)In-120n	TALYS-6a	0 [4,7,8]		15
Te-125m(n,ta)In-119g	TALYS-6a	0		28	Te-126(n,7n)Te-120	TALYS-6a	0		7
Te-125m(n,ta)In-119m	TALYS-6a	0		28	Te-126(n,5np)Sb-121	TALYS-6a	0		11
Te-125m(n,4np)Sb-121	TALYS-6a	0		16	Te-126(n,6np)Sb-120g	TALYS-6a	0 [4,8]		6
Te-125m(n,3nd)Sb-121	TALYS-6a	0 [8]		16	Te-126(n,6np)Sb-120m	TALYS-6a	0 [4,7,8,8]		5
Te-125m(n,n'da)In-119g	TALYS-6a	0		22	Te-126(n,4na)Sn-119g	TALYS-6a	0		16
Te-125m(n,n'da)In-119m	TALYS-6a	0		21	Te-126(n,4na)Sn-119m	TALYS-6a	0		16
Te-125m(n,2npa)In-119g	TALYS-6a	0		21	Te-126(n,5na)Sn-118	TALYS-6a	0 [8]		13
Te-125m(n,2npa)In-119m	TALYS-6a	0		20	Te-126(n,6na)Sn-117g	TALYS-6a	0		8
Te-125m(n,7n)Te-119g	TALYS-6a	0		6	Te-126(n,6na)Sn-117m	TALYS-6a	0		8
Te-125m(n,7n)Te-119m	TALYS-6a	0		6	Te-126(n,4nd)Sb-121	TALYS-6a	0		12
Te-125m(n,5np)Sb-120g	TALYS-6a	0 [4]		11	Te-126(n,5nd)Sb-120g	TALYS-6a	0 [4,8]		7
Te-125m(n,5np)Sb-120m	TALYS-6a	0 [4,7,8]		10	Te-126(n,5nd)Sb-120m	TALYS-6a	0 [4,7,8,8]		6
+Te-125m(n,6np)Sb-119g	TALYS-6a	0 [4]		8	Te-126(n,3nt)Sb-121	TALYS-6a	0 [8]		15
+Te-125m(n,6np)Sb-119m	TALYS-6a	0 [4,7,8]		5	Te-126(n,4nt)Sb-120g	TALYS-6a	0 [4,8]		10
Te-125m(n,4na)Sn-118	TALYS-6a	0 [8]		19	Te-126(n,4nt)Sb-120m	TALYS-6a	0 [4,7,8,8]		9
Te-125m(n,5na)Sn-117g	TALYS-6a	0		13	+Te-126(n,5nt)Sb-119g	TALYS-6a	0 [4,8]		6
Te-125m(n,5na)Sn-117m	TALYS-6a	0		13	+Te-126(n,5nt)Sb-119m	TALYS-6a	0 [4,7,8,8]		4
Te-125m(n,6na)Sn-116	TALYS-6a	0 [8]		9	Te-126(n,2nh)Sn-122	TALYS-6a	0 [8]		19
Te-125m(n,4nd)Sb-120g	TALYS-6a	0 [4]		12	Te-126(n,3nh)Sn-121g	TALYS-6a	0		14
Te-125m(n,4nd)Sb-120m	TALYS-6a	0 [4,7,8]		11	Te-126(n,3nh)Sn-121m	TALYS-6a	0		14
+Te-125m(n,5nd)Sb-119g	TALYS-6a	0 [4,8]		8	Te-126(n,4nh)Sn-120	TALYS-6a	0 [8]		10
+Te-125m(n,5nd)Sb-119m	TALYS-6a	0 [4,7,8,8]		5	Te-126(n,3n2p)Sn-122	TALYS-6a	0 [8]		14
Te-125m(n,3nt)Sb-120g	TALYS-6a	0 [4,8]		15	Te-126(n,3n2a)Cd-116	TALYS-6a	0 [8]		14
Te-125m(n,3nt)Sb-120m	TALYS-6a	0 [4,7,8,8]		13	Te-126(n,3npa)In-119g	TALYS-6a	0		14
+Te-125m(n,4nt)Sb-119g	TALYS-6a	0 [4,8]		11	Te-126(n,3npa)In-119m	TALYS-6a	0		13
+Te-125m(n,4nt)Sb-119m	TALYS-6a	0 [4,7,8,8]		9	Te-126(n,n'pd)Sn-123g	TALYS-6a	0		20
Te-125m(n,5nt)Sb-118g	TALYS-6a	0		6	Te-126(n,n'pd)Sn-123m	TALYS-6a	0		19
Te-125m(n,5nt)Sb-118m	TALYS-6a	0		6	Te-126(n,n'pt)Sn-122	TALYS-6a	0 [8]		20
Te-125m(n,2nh)Sn-121g	TALYS-6a	0		20	Te-126(n,n'dt)Sn-121g	TALYS-6a	0		14
Te-125m(n,2nh)Sn-121m	TALYS-6a	0		20	Te-126(n,n'dt)Sn-121m	TALYS-6a	0		14
Te-125m(n,3nh)Sn-120	TALYS-6a	0 [8]		15	Te-126(n,n'ta)In-119g	TALYS-6a	0		18
Te-125m(n,4nh)Sn-119g	TALYS-6a	0		11	Te-126(n,n'ta)In-119m	TALYS-6a	0		18
Te-125m(n,4nh)Sn-119m	TALYS-6a	0		11	Te-126(n,2n2p)Sn-123g	TALYS-6a	0		18
Te-125m(n,3n2p)Sn-121g	TALYS-6a	0		14	Te-126(n,2n2p)Sn-123m	TALYS-6a	0		18
Te-125m(n,3n2p)Sn-121m	TALYS-6a	0		14	Te-126(n,4n2p)Sn-121g	TALYS-6a	0		10
Te-125m(n,3n2a)Cd-115g	TALYS-6a	0		14	Te-126(n,4n2p)Sn-121m	TALYS-6a	0		10
Te-125m(n,3n2a)Cd-115m	TALYS-6a	0		14	Te-126(n,4n2a)Cd-115g	TALYS-6a	0		9
Te-125m(n,3npa)In-118g	TALYS-6a	0		14	Te-126(n,4n2a)Cd-115m	TALYS-6a	0		9
Te-125m(n,3npa)In-118m	TALYS-6a	0		14	Te-126(n,4npa)In-118g	TALYS-6a	0		9
Te-125m(n,3npa)In-118n	TALYS-6a	0		14	Te-126(n,4npa)In-118m	TALYS-6a	0		9
Te-125m(n,n'pd)Sn-122	TALYS-6a	0 [8]		23	Te-126(n,4npa)In-118n	TALYS-6a	0		9
Te-125m(n,n'pt)Sn-121g	TALYS-6a	0		20	Te-127(n,n')Te-127m	TALYS-6a	0		90
Te-125m(n,n'pt)Sn-121m	TALYS-6a	0		20	Te-127(n,2nd)Sb-124g	TALYS-6a	0		23
Te-125m(n,n'dt)Sn-120	TALYS-6a	0 [8]		15	Te-127(n,2nd)Sb-124m	TALYS-6a	0		23
Te-125m(n,n'ta)In-118g	TALYS-6a	0		18	Te-127(n,2nd)Sb-124n	TALYS-6a	0		23
Te-125m(n,n'ta)In-118m	TALYS-6a	0		19	Te-127(n,2n)Te-126	TALYS-6a	0		54
Te-125m(n,n'ta)In-118n	TALYS-6a	0		19	Te-127(n,3n)Te-125g	TALYS-6a	0		31
Te-125m(n,2n2p)Sn-122	TALYS-6a	0 [8]		22	Te-127(n,3n)Te-125m	TALYS-6a	0		31
Te-125m(n,4n2p)Sn-120	TALYS-6a	0 [8]		11	Te-127(n,n'a)Sn-123g	TALYS-6a	0		55
Te-125m(n,4n2a)Cd-114	TALYS-6a	0 [8]		11	Te-127(n,n'a)Sn-123m	TALYS-6a	0		54
Te-125m(n,4npa)In-117g	TALYS-6a	0		11	Te-127(n,2na)Sn-122	TALYS-6a	0 [8]		37
Te-125m(n,4npa)In-117m	TALYS-6a	0		10	Te-127(n,3na)Sn-121g	TALYS-6a	0		25
Te-126(n,2nd)Sb-123	TALYS-6a	0 [8]		23	Te-127(n,3na)Sn-121m	TALYS-6a	0		25
Te-126(n,2n)Te-125g	TALYS-6a	0		43	Te-127(n,n'p)Sb-126g	TALYS-6a	0		41
Te-126(n,2n)Te-125m	ADL-3	2 [13]		45	Te-127(n,n'p)Sb-126m	TALYS-6a	0		41
Te-126(n,3n)Te-124	TALYS-6a	0		31	Te-127(n,n'p)Sb-126n	TALYS-6a	0		41
Te-126(n,n'a)Sn-122	TALYS-6a	0 [8]		56	Te-127(n,n'2a)Cd-119g	TALYS-6a	0		24
Te-126(n,2na)Sn-121g	TALYS-6a	0		32	Te-127(n,n'2a)Cd-119m	TALYS-6a	0		24
Te-126(n,2na)Sn-121m	TALYS-6a	0		32	Te-127(n,2n2a)Cd-118	TALYS-6a	0 [8]		18
Te-126(n,3na)Sn-120	TALYS-6a	0 [8]		25	Te-127(n,n'd)Sb-125	TALYS-6a	0 [8]		32
Te-126(n,n'p)Sb-125	TALYS-6a	0 [8]		42	Te-127(n,n't)Sb-124g	TALYS-6a	0		29
Te-126(n,n'2a)Cd-118	TALYS-6a	0 [8]		26	Te-127(n,n't)Sb-124m	TALYS-6a	0		29
Te-126(n,2n2a)Cd-117g	TALYS-6a	0		17	Te-127(n,n't)Sb-124n	TALYS-6a	0		29
Te-126(n,2n2a)Cd-117m	TALYS-6a	0		17	Te-127(n,n'h)Sn-124	TALYS-6a	0 [8]		27
Te-126(n,n'd)Sb-124g	TALYS-6a	0		29	Te-127(n,4n)Te-124	TALYS-6a	0		24
Te-126(n,n'd)Sb-124m	TALYS-6a	0		29	Te-127(n,2np)Sb-125	TALYS-6a	0 [8]		30
Te-126(n,n'd)Sb-124n	TALYS-6a	0		29	Te-127(n,3np)Sb-124g	TALYS-6a	0		21
Te-126(n,n't)Sb-123	TALYS-6a	0 [8]		29	Te-127(n,3np)Sb-124m	TALYS-6a	0		22
Te-126(n,n'h)Sn-123g	TALYS-6a	0		25	Te-127(n,3np)Sb-124n	TALYS-6a	0		21
Te-126(n,n'h)Sn-123m	TALYS-6a	0		25	Te-127(n,n'2p)Sn-125g	TALYS-6a	0		26
Te-126(n,4n)Te-123g	TALYS-6a	0		21	Te-127(n,n'2p)Sn-125m	TALYS-6a	0		26
Te-126(n,4n)Te-123m	TALYS-6a	0		21	Te-127(n,n'pa)In-122g	TALYS-6a	0 [4]		24
Te-126(n,2np)Sb-124g	TALYS-6a	0		28	Te-127(n,n'pa)In-122m	TALYS-6a	0 [4,7,8]		23
Te-126(n,2np)Sb-124m	TALYS-6a	0		28	Te-127(n,n'pa)In-122n	TALYS-6a	0 [4,7,8]		23
Te-126(n,2np)Sb-124n	TALYS-6a	0		28	>Te-127(n,g)Te-128	TALYS-6a	0		100

Reaction	Library	Value	Refs	Value
Te-127(n,p)Sb-127	TALYS-6a	0	[2,8]	78
Te-127(n,d)Sb-126g	TALYS-6a	0		45
Te-127(n,d)Sb-126m	TALYS-6a	0		45
Te-127(n,d)Sb-126n	TALYS-6a	0		45
Te-127(n,t)Sb-125	TALYS-6a	0	[8]	45
Te-127(n,h)Sn-125g	TALYS-6a	0		34
Te-127(n,h)Sn-125m	TALYS-6a	0		34
Te-127(n,a)Sn-124	TALYS-6a	0	[2]	100
Te-127(n,2p)Sn-126	TALYS-6a	0	[8]	37
Te-127(n,pd)Sn-125g	TALYS-6a	0		27
Te-127(n,pd)Sn-125m	TALYS-6a	0		27
Te-127(n,5n)Te-123g	TALYS-6a	0		16
Te-127(n,5n)Te-123m	TALYS-6a	0		16
Te-127(n,6n)Te-122	TALYS-6a	0		12
Te-127(n,2nt)Sb-123	TALYS-6a	0	[8]	22
Te-127(n,4np)Sb-123	TALYS-6a	0		16
Te-127(n,3nd)Sb-123	TALYS-6a	0	[8]	17
Te-127(n,n'da)In-121g	TALYS-6a	0		20
Te-127(n,n'da)In-121m	TALYS-6a	0		19
Te-127(n,2npa)In-121g	TALYS-6a	0		18
Te-127(n,2npa)In-121m	TALYS-6a	0		18
Te-127(n,7n)Te-121g	TALYS-6a	0		7
Te-127(n,7n)Te-121m	TALYS-6a	0		7
Te-127(n,8n)Te-120	TALYS-6a	0		4
Te-127(n,5np)Sb-122g	TALYS-6a	0		11
Te-127(n,5np)Sb-122m	TALYS-6a	0		11
Te-127(n,6np)Sb-121	TALYS-6a	0		8
Te-127(n,4na)Sn-120	TALYS-6a	0	[8]	19
Te-127(n,5na)Sn-119g	TALYS-6a	0		13
Te-127(n,5na)Sn-119m	TALYS-6a	0		13
Te-127(n,6na)Sn-118	TALYS-6a	0	[8]	10
Te-127(n,4nd)Sb-122g	TALYS-6a	0		12
Te-127(n,4nd)Sb-122m	TALYS-6a	0		12
Te-127(n,5nd)Sb-121	TALYS-6a	0		9
Te-127(n,3nt)Sb-122g	TALYS-6a	0		15
Te-127(n,3nt)Sb-122m	TALYS-6a	0		15
Te-127(n,4nt)Sb-121	TALYS-6a	0	[8]	11
Te-127(n,5nt)Sb-120g	TALYS-6a	0	[4,8]	7
Te-127(n,5nt)Sb-120m	TALYS-6a	0	[4,7,8,8]	6
Te-127(n,2nh)Sn-123g	TALYS-6a	0		19
Te-127(n,2nh)Sn-123m	TALYS-6a	0		19
Te-127(n,3nh)Sn-122	TALYS-6a	0	[8]	15
Te-127(n,4nh)Sn-121g	TALYS-6a	0		11
Te-127(n,4nh)Sn-121m	TALYS-6a	0		11
Te-127(n,3n2p)Sn-123g	TALYS-6a	0		14
Te-127(n,3n2p)Sn-123m	TALYS-6a	0		14
Te-127(n,3n2a)Cd-117g	TALYS-6a	0		13
Te-127(n,3n2a)Cd-117m	TALYS-6a	0		13
Te-127(n,3npa)In-120g	TALYS-6a	0	[4]	13
Te-127(n,3npa)In-120m	TALYS-6a	0	[4,7,8]	13
Te-127(n,3npa)In-120n	TALYS-6a	0	[4,7,8]	12
Te-127(n,n'pd)Sn-124	TALYS-6a	0	[8]	22
Te-127(n,n'pt)Sn-123g	TALYS-6a	0		19
Te-127(n,n'pt)Sn-123m	TALYS-6a	0		19
Te-127(n,n'dt)Sn-122	TALYS-6a	0	[8]	15
Te-127(n,n'ta)In-120g	TALYS-6a	0	[4]	17
Te-127(n,n'ta)In-120m	TALYS-6a	0	[4,7,8]	17
Te-127(n,n'ta)In-120n	TALYS-6a	0	[4,7,8]	16
Te-127(n,2n2p)Sn-124	TALYS-6a	0	[8]	20
Te-127(n,4n2p)Sn-122	TALYS-6a	0	[8]	11
Te-127(n,4n2a)Cd-116	TALYS-6a	0	[8]	10
Te-127(n,4npa)In-119g	TALYS-6a	0		10
Te-127(n,4npa)In-119m	TALYS-6a	0		10
Te-127m(n,n')Te-127g	TALYS-6a	0	[8]	97
Te-127m(n,2nd)Sb-124g	TALYS-6a	0		23
Te-127m(n,2nd)Sb-124m	TALYS-6a	0		23
Te-127m(n,2nd)Sb-124n	TALYS-6a	0		23
Te-127m(n,2n)Te-126	TALYS-6a	0		54
Te-127m(n,3n)Te-125g	TALYS-6a	0		31
Te-127m(n,3n)Te-125m	TALYS-6a	0		31
Te-127m(n,n'a)Sn-123g	TALYS-6a	0		55
Te-127m(n,n'a)Sn-123m	TALYS-6a	0		55
Te-127m(n,2na)Sn-122	TALYS-6a	0	[8]	37
Te-127m(n,3na)Sn-121g	TALYS-6a	0		25
Te-127m(n,3na)Sn-121m	TALYS-6a	0		25
Te-127m(n,n'p)Sb-126g	TALYS-6a	0		42
Te-127m(n,n'p)Sb-126m	TALYS-6a	0		42
Te-127m(n,n'p)Sb-126n	TALYS-6a	0		42
Te-127m(n,n'2a)Cd-119g	TALYS-6a	0		24
Te-127m(n,n'2a)Cd-119m	TALYS-6a	0		24
Te-127m(n,2n2a)Cd-118	TALYS-6a	0	[8]	18
Te-127m(n,n'd)Sb-125	TALYS-6a	0	[8]	32
Te-127m(n,n't)Sb-124g	TALYS-6a	0		29
Te-127m(n,n't)Sb-124m	TALYS-6a	0		29
Te-127m(n,n't)Sb-124n	TALYS-6a	0		29
Te-127m(n,n'h)Sn-124	TALYS-6a	0	[8]	28
Te-127m(n,4n)Te-124	TALYS-6a	0		24
Te-127m(n,2np)Sb-125	TALYS-6a	0	[8]	30
Te-127m(n,3np)Sb-124g	TALYS-6a	0		22
Te-127m(n,3np)Sb-124m	TALYS-6a	0		22
Te-127m(n,3np)Sb-124n	TALYS-6a	0		22
Te-127m(n,n'2p)Sn-125g	TALYS-6a	0		26
Te-127m(n,n'2p)Sn-125m	TALYS-6a	0		26
Te-127m(n,n'pa)In-122g	TALYS-6a	0	[4]	24
Te-127m(n,n'pa)In-122m	TALYS-6a	0	[4,7,8]	23
Te-127m(n,n'pa)In-122n	TALYS-6a	0	[4,7,8]	23
>Te-127m(n,g)Te-128	TALYS-6a	2		100
Te-127m(n,p)Sb-127	TALYS-6a	0	[2,8]	79
Te-127m(n,d)Sb-126g	TALYS-6a	0		45
Te-127m(n,d)Sb-126m	TALYS-6a	0		45
Te-127m(n,d)Sb-126n	TALYS-6a	0		45
Te-127m(n,t)Sb-125	TALYS-6a	0	[8]	45
Te-127m(n,h)Sn-125g	TALYS-6a	0		35
Te-127m(n,h)Sn-125m	TALYS-6a	0		34
Te-127m(n,a)Sn-124	TALYS-6a	0	[2]	100
Te-127m(n,2p)Sn-126	TALYS-6a	0	[8]	37
Te-127m(n,pd)Sn-125g	TALYS-6a	0		28
Te-127m(n,pd)Sn-125m	TALYS-6a	0		27
Te-127m(n,5n)Te-123g	TALYS-6a	0		16
Te-127m(n,5n)Te-123m	TALYS-6a	0		16
Te-127m(n,6n)Te-122	TALYS-6a	0		12
Te-127m(n,2nt)Sb-123	TALYS-6a	0	[8]	23
Te-127m(n,4np)Sb-123	TALYS-6a	0		16
Te-127m(n,3nd)Sb-123	TALYS-6a	0	[8]	17
Te-127m(n,n'da)In-121g	TALYS-6a	0		20
Te-127m(n,n'da)In-121m	TALYS-6a	0		19
Te-127m(n,2npa)In-121g	TALYS-6a	0		19
Te-127m(n,2npa)In-121m	TALYS-6a	0		18
Te-127m(n,7n)Te-121g	TALYS-6a	0		7
Te-127m(n,7n)Te-121m	TALYS-6a	0		7
Te-127m(n,8n)Te-120	TALYS-6a	0		4
Te-127m(n,5np)Sb-122g	TALYS-6a	0		11
Te-127m(n,5np)Sb-122m	TALYS-6a	0		11
Te-127m(n,6np)Sb-121	TALYS-6a	0		8
Te-127m(n,4na)Sn-120	TALYS-6a	0	[8]	19
Te-127m(n,5na)Sn-119g	TALYS-6a	0		13
Te-127m(n,5na)Sn-119m	TALYS-6a	0		13
Te-127m(n,6na)Sn-118	TALYS-6a	0	[8]	10
Te-127m(n,4nd)Sb-122g	TALYS-6a	0		12
Te-127m(n,4nd)Sb-122m	TALYS-6a	0		12
Te-127m(n,5nd)Sb-121	TALYS-6a	0		9
Te-127m(n,3nt)Sb-122g	TALYS-6a	0		15
Te-127m(n,3nt)Sb-122m	TALYS-6a	0		15
Te-127m(n,4nt)Sb-121	TALYS-6a	0	[8]	11
Te-127m(n,5nt)Sb-120g	TALYS-6a	0	[4,8]	7
Te-127m(n,5nt)Sb-120m	TALYS-6a	0	[4,7,8,8]	6
Te-127m(n,2nh)Sn-123g	TALYS-6a	0		19
Te-127m(n,2nh)Sn-123m	TALYS-6a	0		19
Te-127m(n,3nh)Sn-122	TALYS-6a	0	[8]	15
Te-127m(n,4nh)Sn-121g	TALYS-6a	0		11
Te-127m(n,4nh)Sn-121m	TALYS-6a	0		11
Te-127m(n,3n2p)Sn-123g	TALYS-6a	0		14
Te-127m(n,3n2p)Sn-123m	TALYS-6a	0		14
Te-127m(n,3n2a)Cd-117g	TALYS-6a	0		13
Te-127m(n,3n2a)Cd-117m	TALYS-6a	0		13
Te-127m(n,3npa)In-120g	TALYS-6a	0	[4]	13
Te-127m(n,3npa)In-120m	TALYS-6a	0	[4,7,8]	13
Te-127m(n,3npa)In-120n	TALYS-6a	0	[4,7,8]	12
Te-127m(n,n'pd)Sn-124	TALYS-6a	0	[8]	22
Te-127m(n,n'pt)Sn-123g	TALYS-6a	0		19
Te-127m(n,n'pt)Sn-123m	TALYS-6a	0		19
Te-127m(n,n'dt)Sn-122	TALYS-6a	0	[8]	15
Te-127m(n,n'ta)In-120g	TALYS-6a	0	[4]	17
Te-127m(n,n'ta)In-120m	TALYS-6a	0	[4,7,8]	17
Te-127m(n,n'ta)In-120n	TALYS-6a	0	[4,7,8]	16
Te-127m(n,2n2p)Sn-124	TALYS-6a	0	[8]	20
Te-127m(n,4n2p)Sn-122	TALYS-6a	0	[8]	11
Te-127m(n,4n2a)Cd-116	TALYS-6a	0	[8]	10
Te-127m(n,4npa)In-119g	TALYS-6a	0		10
Te-127m(n,4npa)In-119m	TALYS-6a	0		10
Te-128(n,2nd)Sb-125	TALYS-6a	0	[8]	23
Te-128(n,2n)Te-127g	ADL-3	4	[13,3]	44
Te-128(n,2n)Te-127m	ADL-3	2	[13,3]	44
Te-128(n,3n)Te-126	TALYS-6a	0		31
Te-128(n,n'a)Sn-124	TALYS-6a	0	[8]	53
Te-128(n,2na)Sn-123g	TALYS-6a	0		31
Te-128(n,2na)Sn-123m	TALYS-6a	0		31
Te-128(n,3na)Sn-122	TALYS-6a	0	[8]	25
Te-128(n,n'p)Sb-127	TALYS-6a	0	[8]	41
Te-128(n,n'2a)Cd-120	TALYS-6a	0	[8]	23
Te-128(n,2n2a)Cd-119g	TALYS-6a	0		15
Te-128(n,2n2a)Cd-119m	TALYS-6a	0		15
Te-128(n,n'd)Sb-126g	TALYS-6a	0		29
Te-128(n,n'd)Sb-126m	TALYS-6a	0		29
Te-128(n,n'd)Sb-126n	TALYS-6a	0		29
Te-128(n,n't)Sb-125	TALYS-6a	0	[8]	29
Te-128(n,n'h)Sn-125g	TALYS-6a	0		24
Te-128(n,n'h)Sn-125m	TALYS-6a	0		24
Te-128(n,4n)Te-125g	TALYS-6a	0		22
Te-128(n,4n)Te-125m	TALYS-6a	0		22
Te-128(n,2np)Sb-126g	TALYS-6a	0		28
Te-128(n,2np)Sb-126m	TALYS-6a	0		28
Te-128(n,2np)Sb-126n	TALYS-6a	0		28
Te-128(n,3np)Sb-125	TALYS-6a	0	[8]	21
Te-128(n,n'2p)Sn-126	TALYS-6a	0	[8]	25
Te-128(n,n'pa)In-123g	TALYS-6a	0		23
Te-128(n,n'pa)In-123m	TALYS-6a	0		22
Te-128(n,g)Te-129	JEF-2.2	4	[9,2,14,4,6]	7524
Te-128(n,g)Te-129m	JEF-2.2	2	[9,2,14,4,6]	7524
Te-128(n,p)Sb-128g	TALYS-6	4	[4,3,8]	64
Te-128(n,p)Sb-128m	TALYS-6	4	[4,7,8,3,8]	63
Te-128(n,d)Sb-127	TALYS-6a	0	[8]	44
Te-128(n,t)Sb-126g	TALYS-6a	0		39
Te-128(n,t)Sb-126m	TALYS-6a	0		39
Te-128(n,t)Sb-126n	TALYS-6a	0		39
Te-128(n,h)Sn-126	TALYS-6a	0	[8]	34
Te-128(n,a)Sn-125g	TALYS-5	2	[3]	100
Te-128(n,a)Sn-125m	TALYS-5	4	[3]	100
Te-128(n,2p)Sn-127g	TALYS-6a	0		31
Te-128(n,2p)Sn-127m	TALYS-6a	0		31
Te-128(n,pd)Sn-126	TALYS-6a	0	[8]	27
Te-128(n,5n)Te-124	TALYS-6a	0		16
Te-128(n,6n)Te-123g	TALYS-6a	0		11
Te-128(n,6n)Te-123m	TALYS-6a	0		11
Te-128(n,2nt)Sb-124g	TALYS-6a	0		20
Te-128(n,2nt)Sb-124m	TALYS-6a	0		20
Te-128(n,2nt)Sb-124n	TALYS-6a	0		20
Te-128(n,4np)Sb-124g	TALYS-6a	0		15
Te-128(n,4np)Sb-124m	TALYS-6a	0		15
Te-128(n,4np)Sb-124n	TALYS-6a	0		15
Te-128(n,3nd)Sb-124g	TALYS-6a	0		15
Te-128(n,3nd)Sb-124m	TALYS-6a	0		15
Te-128(n,3nd)Sb-124n	TALYS-6a	0		15
Te-128(n,n'da)In-122g	TALYS-6a	0	[4]	16
Te-128(n,n'da)In-122m	TALYS-6a	0	[4,7,8]	15
Te-128(n,n'da)In-122n	TALYS-6a	0	[4,7,8]	15
Te-128(n,2npa)In-122g	TALYS-6a	0	[4]	16
Te-128(n,2npa)In-122m	TALYS-6a	0	[4,7,8]	15

Te-128(n,2npa)In-122n	TALYS-6a	0 [4,7,8]	15	
Te-128(n,7n)Te-122	TALYS-6a	0	8	
Te-128(n,5np)Sb-123	TALYS-6a	0 [8]	11	
Te-128(n,6np)Sb-122g	TALYS-6a	0	7	
Te-128(n,6np)Sb-122m	TALYS-6a	0	7	
Te-128(n,4na)Sn-121g	TALYS-6a	0	16	
Te-128(n,4na)Sn-121m	TALYS-6a	0	16	
Te-128(n,5na)Sn-120	TALYS-6a	0 [8]	13	
Te-128(n,6na)Sn-119g	TALYS-6a	0	8	
Te-128(n,6na)Sn-119m	TALYS-6a	0	8	
Te-128(n,4nd)Sb-123	TALYS-6a	0 [8]	12	
Te-128(n,5nd)Sb-122g	TALYS-6a	0	8	
Te-128(n,5nd)Sb-122m	TALYS-6a	0	8	
Te-128(n,3nt)Sb-123	TALYS-6a	0 [8]	15	
Te-128(n,4nt)Sb-122g	TALYS-6a	0	10	
Te-128(n,4nt)Sb-122m	TALYS-6a	0	10	
Te-128(n,5nt)Sb-121	TALYS-6a	0 [8]	7	
Te-128(n,2nh)Sn-124	TALYS-6a	0 [8]	19	
Te-128(n,3nh)Sn-123g	TALYS-6a	0	14	
Te-128(n,3nh)Sn-123m	TALYS-6a	0	13	
Te-128(n,4nh)Sn-122	TALYS-6a	0 [8]	10	
Te-128(n,3n2p)Sn-124	TALYS-6a	0 [8]	14	
Te-128(n,3n2a)Cd-118	TALYS-6a	0 [8]	13	
Te-128(n,3npa)In-121g	TALYS-6a	0	13	
Te-128(n,3npa)In-121m	TALYS-6a	0	13	
Te-128(n,n'pd)Sn-125g	TALYS-6a	0	19	
Te-128(n,n'pd)Sn-125m	TALYS-6a	0	18	
Te-128(n,n'pt)Sn-124	TALYS-6a	0 [8]	19	
Te-128(n,n'dt)Sn-123g	TALYS-6a	0	14	
Te-128(n,n'dt)Sn-123m	TALYS-6a	0	14	
Te-128(n,n'ta)In-121g	TALYS-6a	0	17	
Te-128(n,n'ta)In-121m	TALYS-6a	0	16	
Te-128(n,2n2p)Sn-125g	TALYS-6a	0	17	
Te-128(n,2n2p)Sn-125m	TALYS-6a	0	17	
Te-128(n,4n2p)Sn-123g	TALYS-6a	0	10	
Te-128(n,4n2p)Sn-123m	TALYS-6a	0	9	
Te-128(n,4n2a)Cd-117g	TALYS-6a	0	8	
Te-128(n,4n2a)Cd-117m	TALYS-6a	0	8	
Te-128(n,4npa)In-120g	TALYS-6a	0 [4]	9	
Te-128(n,4npa)In-120m	TALYS-6a	0 [4,7,8]	9	
Te-128(n,4npa)In-120n	TALYS-6a	0 [4,7,8]	8	
Te-129(n,n')Te-129m	TALYS-6a	0	89	
Te-129(n,2nd)Sb-126g	TALYS-6a	0	23	
Te-129(n,2nd)Sb-126m	TALYS-6a	0	23	
Te-129(n,2nd)Sb-126n	TALYS-6a	0	23	
Te-129(n,2n)Te-128	TALYS-6a	0	55	
Te-129(n,3n)Te-127g	TALYS-6a	0	32	
Te-129(n,3n)Te-127m	TALYS-6a	0	31	
Te-129(n,n'a)Sn-125g	TALYS-6a	0	51	
Te-129(n,n'a)Sn-125m	TALYS-6a	0	51	
Te-129(n,2na)Sn-124	TALYS-6a	0 [8]	36	
Te-129(n,3na)Sn-123g	TALYS-6a	0	25	
Te-129(n,3na)Sn-123m	TALYS-6a	0	25	
Te-129(n,n'p)Sb-128g	TALYS-6a	0 [4,8]	40	
Te-129(n,n'p)Sb-128m	TALYS-6a	0 [4,7,8,8]	39	
Te-129(n,2n2a)Cd-120	TALYS-6a	0 [8]	16	
Te-129(n,n'd)Sb-127	TALYS-6a	0 [8]	32	
Te-129(n,n't)Sb-126g	TALYS-6a	0	29	
Te-129(n,n't)Sb-126m	TALYS-6a	0	29	
Te-129(n,n't)Sb-126n	TALYS-6a	0	29	
Te-129(n,n'h)Sn-126	TALYS-6a	0 [8]	26	
Te-129(n,4n)Te-126	TALYS-6a	0	25	
Te-129(n,2np)Sb-127	TALYS-6a	0 [8]	30	
Te-129(n,3np)Sb-126g	TALYS-6a	0	22	
Te-129(n,3np)Sb-126m	TALYS-6a	0	22	
Te-129(n,3np)Sb-126n	TALYS-6a	0	22	
Te-129(n,n'2p)Sn-127g	TALYS-6a	0	25	
Te-129(n,n'2p)Sn-127m	TALYS-6a	0	24	
Te-129(n,n'pa)In-124g	TALYS-6a	0	22	
Te-129(n,n'pa)In-124m	TALYS-6a	0	22	
>Te-129(n,g)Te-130	TALYS-6a	0	100	
Te-129(n,p)Sb-129g	TALYS-6a	0 [4,2,8]	74	
Te-129(n,p)Sb-129m	TALYS-6a	0 [4,7,8,2,8]	66	
Te-129(n,d)Sb-128g	TALYS-6a	0 [4,8]	44	
Te-129(n,d)Sb-128m	TALYS-6a	0 [4,7,8,8]	43	
Te-129(n,t)Sb-127	TALYS-6a	0 [8]	44	
Te-129(n,h)Sn-127g	TALYS-6a	0	32	
Te-129(n,h)Sn-127m	TALYS-6a	0	33	
Te-129(n,a)Sn-126	TALYS-6a	0 [2]	100	
Te-129(n,2p)Sn-128g	TALYS-6a	0	34	
Te-129(n,2p)Sn-128m	TALYS-6a	0	31	
Te-129(n,pd)Sn-127g	TALYS-6a	0	26	
Te-129(n,pd)Sn-127m	TALYS-6a	0	26	
Te-129(n,5n)Te-125g	TALYS-6a	0	16	
Te-129(n,5n)Te-125m	TALYS-6a	0	16	
Te-129(n,6n)Te-124	TALYS-6a	0	13	
Te-129(n,2nt)Sb-125	TALYS-6a	0 [8]	23	
Te-129(n,4np)Sb-125	TALYS-6a	0	16	
Te-129(n,3nd)Sb-125	TALYS-6a	0 [8]	17	
Te-129(n,n'da)In-123g	TALYS-6a	0	18	
Te-129(n,n'da)In-123m	TALYS-6a	0	17	
Te-129(n,2npa)In-123g	TALYS-6a	0	17	
Te-129(n,2npa)In-123m	TALYS-6a	0	16	
Te-129(n,7n)Te-123g	TALYS-6a	0	8	
Te-129(n,7n)Te-123m	TALYS-6a	0	8	
Te-129(n,8n)Te-122	TALYS-6a	0	5	
Te-129(n,5np)Sb-124g	TALYS-6a	0	12	
Te-129(n,5np)Sb-124m	TALYS-6a	0	12	
Te-129(n,5np)Sb-124n	TALYS-6a	0	12	
Te-129(n,6np)Sb-123	TALYS-6a	0	9	
Te-129(n,4na)Sn-122	TALYS-6a	0 [8]	19	
Te-129(n,5na)Sn-121g	TALYS-6a	0	13	
Te-129(n,5na)Sn-121m	TALYS-6a	0	13	
Te-129(n,6na)Sn-120	TALYS-6a	0 [8]	10	
Te-129(n,4nd)Sb-124g	TALYS-6a	0	12	
Te-129(n,4nd)Sb-124m	TALYS-6a	0	12	
Te-129(n,4nd)Sb-124n	TALYS-6a	0	12	
Te-129(n,5nd)Sb-123	TALYS-6a	0 [8]	9	
Te-129(n,3nt)Sb-124g	TALYS-6a	0	15	

Te-129(n,3nt)Sb-124m	TALYS-6a	0	15	
Te-129(n,3nt)Sb-124n	TALYS-6a	0	15	
Te-129(n,4nt)Sb-123	TALYS-6a	0 [8]	12	
Te-129(n,5nt)Sb-122g	TALYS-6a	0	7	
Te-129(n,5nt)Sb-122m	TALYS-6a	0	7	
Te-129(n,2nh)Sn-125g	TALYS-6a	0	19	
Te-129(n,2nh)Sn-125m	TALYS-6a	0	19	
Te-129(n,3nh)Sn-124	TALYS-6a	0 [8]	15	
Te-129(n,4nh)Sn-123g	TALYS-6a	0	11	
Te-129(n,4nh)Sn-123m	TALYS-6a	0	10	
Te-129(n,3n2p)Sn-125g	TALYS-6a	0	13	
Te-129(n,3n2p)Sn-125m	TALYS-6a	0	13	
Te-129(n,3n2a)Cd-119g	TALYS-6a	0	12	
Te-129(n,3n2a)Cd-119m	TALYS-6a	0	12	
Te-129(n,3npa)In-122g	TALYS-6a	0 [4]	13	
Te-129(n,3npa)In-122m	TALYS-6a	0 [4,7,8]	12	
Te-129(n,3npa)In-122n	TALYS-6a	0 [4,7,8]	12	
Te-129(n,n'pd)Sn-126	TALYS-6a	0 [8]	20	
Te-129(n,n'pt)Sn-125g	TALYS-6a	0	18	
Te-129(n,n'pt)Sn-125m	TALYS-6a	0	18	
Te-129(n,n'dt)Sn-124	TALYS-6a	0 [8]	15	
Te-129(n,n'ta)In-122g	TALYS-6a	0 [4]	16	
Te-129(n,n'ta)In-122m	TALYS-6a	0 [4,7,8]	15	
Te-129(n,n'ta)In-122n	TALYS-6a	0 [4,7,8]	15	
Te-129(n,2n2p)Sn-126	TALYS-6a	0 [8]	19	
Te-129(n,4n2p)Sn-124	TALYS-6a	0 [8]	11	
Te-129(n,4n2a)Cd-118	TALYS-6a	0 [8]	9	
Te-129(n,4npa)In-121g	TALYS-6a	0	10	
Te-129(n,4npa)In-121m	TALYS-6a	0	9	
Te-129m(n,n')Te-129g	TALYS-6a	0 [8]	97	
Te-129m(n,2nd)Sb-126g	TALYS-6a	0	23	
Te-129m(n,2nd)Sb-126m	TALYS-6a	0	23	
Te-129m(n,2nd)Sb-126n	TALYS-6a	0	23	
Te-129m(n,2n)Te-128	TALYS-6a	0	55	
Te-129m(n,3n)Te-127g	TALYS-6a	0	32	
Te-129m(n,3n)Te-127m	TALYS-6a	0	32	
Te-129m(n,n'a)Sn-125g	TALYS-6a	0	52	
Te-129m(n,n'a)Sn-125m	TALYS-6a	0	52	
Te-129m(n,2na)Sn-124	TALYS-6a	0 [8]	36	
Te-129m(n,3na)Sn-123g	TALYS-6a	0	25	
Te-129m(n,3na)Sn-123m	TALYS-6a	0	25	
Te-129m(n,n'p)Sb-128g	TALYS-6a	0 [4,8]	41	
Te-129m(n,n'p)Sb-128m	TALYS-6a	0 [4,7,8,8]	40	
Te-129m(n,2n2a)Cd-120	TALYS-6a	0 [8]	16	
Te-129m(n,n'd)Sb-127	TALYS-6a	0 [8]	32	
Te-129m(n,n't)Sb-126g	TALYS-6a	0	29	
Te-129m(n,n't)Sb-126m	TALYS-6a	0	29	
Te-129m(n,n't)Sb-126n	TALYS-6a	0	29	
Te-129m(n,n'h)Sn-126	TALYS-6a	0 [8]	26	
Te-129m(n,4n)Te-126	TALYS-6a	0	25	
Te-129m(n,2np)Sb-127	TALYS-6a	0 [8]	30	
Te-129m(n,3np)Sb-126g	TALYS-6a	0	22	
Te-129m(n,3np)Sb-126m	TALYS-6a	0	22	
Te-129m(n,3np)Sb-126n	TALYS-6a	0	22	
Te-129m(n,n'2p)Sn-127g	TALYS-6a	0	25	
Te-129m(n,n'2p)Sn-127m	TALYS-6a	0	24	
Te-129m(n,n'pa)In-124g	TALYS-6a	0	22	
Te-129m(n,n'pa)In-124m	TALYS-6a	0	22	
>Te-129m(n,g)Te-130	TALYS-6a	0	100	
Te-129m(n,p)Sb-129g	TALYS-6a	0 [4,2,8]	75	
Te-129m(n,p)Sb-129m	TALYS-6a	0 [4,7,8,2,8]	67	
Te-129m(n,d)Sb-128g	TALYS-6a	0 [4,8]	44	
Te-129m(n,d)Sb-128m	TALYS-6a	0 [4,7,8,8]	43	
Te-129m(n,t)Sb-127	TALYS-6a	0 [8]	44	
Te-129m(n,h)Sn-127g	TALYS-6a	0	32	
Te-129m(n,h)Sn-127m	TALYS-6a	0	32	
Te-129m(n,a)Sn-126	TALYS-6a	0 [2]	100	
Te-129m(n,2p)Sn-128g	TALYS-6a	0	34	
Te-129m(n,2p)Sn-128m	TALYS-6a	0	31	
Te-129m(n,pd)Sn-127g	TALYS-6a	0	26	
Te-129m(n,pd)Sn-127m	TALYS-6a	0	26	
Te-129m(n,5n)Te-125g	TALYS-6a	0	16	
Te-129m(n,5n)Te-125m	TALYS-6a	0	16	
Te-129m(n,6n)Te-124	TALYS-6a	0	13	
Te-129m(n,2nt)Sb-125	TALYS-6a	0 [8]	23	
Te-129m(n,4np)Sb-125	TALYS-6a	0	16	
Te-129m(n,3nd)Sb-125	TALYS-6a	0 [8]	17	
Te-129m(n,n'da)In-123g	TALYS-6a	0	18	
Te-129m(n,n'da)In-123m	TALYS-6a	0	17	
Te-129m(n,2npa)In-123g	TALYS-6a	0	17	
Te-129m(n,2npa)In-123m	TALYS-6a	0	16	
Te-129m(n,7n)Te-123g	TALYS-6a	0	8	
Te-129m(n,7n)Te-123m	TALYS-6a	0	8	
Te-129m(n,8n)Te-122	TALYS-6a	0	5	
Te-129m(n,5np)Sb-124g	TALYS-6a	0	12	
Te-129m(n,5np)Sb-124m	TALYS-6a	0	12	
Te-129m(n,5np)Sb-124n	TALYS-6a	0	12	
Te-129m(n,6np)Sb-123	TALYS-6a	0	9	
Te-129m(n,4na)Sn-122	TALYS-6a	0 [8]	19	
Te-129m(n,5na)Sn-121g	TALYS-6a	0	13	
Te-129m(n,5na)Sn-121m	TALYS-6a	0	13	
Te-129m(n,6na)Sn-120	TALYS-6a	0 [8]	10	
Te-129m(n,4nd)Sb-124g	TALYS-6a	0	12	
Te-129m(n,4nd)Sb-124m	TALYS-6a	0	12	
Te-129m(n,4nd)Sb-124n	TALYS-6a	0	12	
Te-129m(n,5nd)Sb-123	TALYS-6a	0 [8]	9	
Te-129m(n,3nt)Sb-124g	TALYS-6a	0	15	
Te-129m(n,3nt)Sb-124m	TALYS-6a	0	15	
Te-129m(n,3nt)Sb-124n	TALYS-6a	0	15	
Te-129m(n,4nt)Sb-123	TALYS-6a	0 [8]	12	
Te-129m(n,5nt)Sb-122g	TALYS-6a	0	7	
Te-129m(n,5nt)Sb-122m	TALYS-6a	0	7	
Te-129m(n,2nh)Sn-125g	TALYS-6a	0	19	
Te-129m(n,2nh)Sn-125m	TALYS-6a	0	19	
Te-129m(n,3nh)Sn-124	TALYS-6a	0 [8]	15	
Te-129m(n,4nh)Sn-123g	TALYS-6a	0	11	
Te-129m(n,4nh)Sn-123m	TALYS-6a	0	10	
Te-129m(n,3n2p)Sn-125g	TALYS-6a	0	14	
Te-129m(n,3n2p)Sn-125m	TALYS-6a	0	13	

Reaction	Library	Flag	Refs	Value
Te-129m(n,3n2a)Cd-119g	TALYS-6a	0		12
Te-129m(n,3n2a)Cd-119m	TALYS-6a	0		12
Te-129m(n,3npa)In-122g	TALYS-6a	0	[4]	13
Te-129m(n,3npa)In-122m	TALYS-6a	0	[4,7,8]	12
Te-129m(n,3npa)In-122n	TALYS-6a	0	[4,7,8]	12
Te-129m(n,n'pd)Sn-126	TALYS-6a	0	[8]	20
Te-129m(n,n'pt)Sn-125g	TALYS-6a	0		18
Te-129m(n,n'pt)Sn-125m	TALYS-6a	0		18
Te-129m(n,n'dt)Sn-124	TALYS-6a	0	[8]	15
Te-129m(n,n'ta)In-122g	TALYS-6a	0	[4]	16
Te-129m(n,n'ta)In-122m	TALYS-6a	0	[4,7,8]	15
Te-129m(n,n'ta)In-122n	TALYS-6a	0	[4,7,8]	15
Te-129m(n,2n2p)Sn-126	TALYS-6a	0	[8]	19
Te-129m(n,4n2p)Sn-124	TALYS-6a	0	[8]	11
Te-129m(n,4n2a)Cd-118	TALYS-6a	0	[8]	9
Te-129m(n,4npa)In-121g	TALYS-6a	0		10
Te-129m(n,4npa)In-121m	TALYS-6a	0		9
Te-130(n,2nd)Sb-127	TALYS-6a	0	[8]	23
Te-130(n,2n)Te-129g	ADL-3	6	[13,3]	45
Te-130(n,2n)Te-129m	ADL-3	4	[13]	45
Te-130(n,3n)Te-128	TALYS-6a	0		32
Te-130(n,n'a)Sn-126	TALYS-6a	0	[8]	50
Te-130(n,2na)Sn-125g	TALYS-6a	0		31
Te-130(n,2na)Sn-125m	TALYS-6a	0		31
Te-130(n,3na)Sn-124	TALYS-6a	0	[8]	25
Te-130(n,n'p)Sb-129g	TALYS-6a	0	[4,8]	40
Te-130(n,n'p)Sb-129m	TALYS-6a	0	[4,7,8,8]	36
Te-130(n,2n2a)Cd-121g	TALYS-6a	0		15
Te-130(n,2n2a)Cd-121m	TALYS-6a	0		15
Te-130(n,n'd)Sb-128g	TALYS-6a	0	[4,8]	29
Te-130(n,n'd)Sb-128m	TALYS-6a	0	[4,7,8,8]	28
Te-130(n,n't)Sb-127	TALYS-6a	0	[8]	29
Te-130(n,n'h)Sn-127g	TALYS-6a	0		24
Te-130(n,n'h)Sn-127m	TALYS-6a	0		24
Te-130(n,4n)Te-127g	TALYS-6a	0		23
Te-130(n,4n)Te-127m	TALYS-6a	0		23
Te-130(n,2np)Sb-128g	TALYS-6a	0	[4]	28
Te-130(n,2np)Sb-128m	TALYS-6a	0	[4,7,8]	27
Te-130(n,3np)Sb-127	TALYS-6a	0		22
Te-130(n,n'2p)Sn-128g	TALYS-6a	0		24
Te-130(n,n'2p)Sn-128m	TALYS-6a	0		22
Te-130(n,n'pa)In-125g	TALYS-6a	0		22
Te-130(n,n'pa)In-125m	TALYS-6a	0		21
Te-130(n,g)Te-131g	JEF-2.2	2	[13,4,6]	7177
Te-130(n,g)Te-131m	JEF-2.2	4	[13,4,6]	7177
Te-130(n,p)Sb-130g	TALYS-6	2	[4,3,8]	61
Te-130(n,p)Sb-130m	TALYS-6	2	[4,7,8,3,8]	60
Te-130(n,d)Sb-129g	TALYS-6a	0	[4,8]	44
Te-130(n,d)Sb-129m	TALYS-6a	0	[4,7,8,8]	40
Te-130(n,t)Sb-128g	JEF-2.2	2	[13,4,3,7,8]	63
Te-130(n,t)Sb-128m	TALYS-6a	0	[4,7,8,8]	38
Te-130(n,h)Sn-128g	TALYS-6a	0		32
Te-130(n,h)Sn-128m	TALYS-6a	0		30
Te-130(n,a)Sn-127g	TALYS-5	2		100
Te-130(n,a)Sn-127m	TALYS-6a	0	[2]	100
Te-130(n,2p)Sn-129g	TALYS-6a	0		30
Te-130(n,2p)Sn-129m	TALYS-6a	0		30
Te-130(n,pd)Sn-128g	TALYS-6a	0		26
Te-130(n,pd)Sn-128m	TALYS-6a	0		23
Te-130(n,5n)Te-126	TALYS-6a	0		17
Te-130(n,6n)Te-125g	TALYS-6a	0		12
Te-130(n,6n)Te-125m	TALYS-6a	0		12
Te-130(n,2nt)Sb-126g	TALYS-6a	0		21
Te-130(n,2nt)Sb-126m	TALYS-6a	0		21
Te-130(n,2nt)Sb-126n	TALYS-6a	0		21
Te-130(n,4np)Sb-126g	TALYS-6a	0		15
Te-130(n,4np)Sb-126m	TALYS-6a	0		15
Te-130(n,4np)Sb-126n	TALYS-6a	0		15
Te-130(n,3nd)Sb-126g	TALYS-6a	0		16
Te-130(n,3nd)Sb-126m	TALYS-6a	0		16
Te-130(n,3nd)Sb-126n	TALYS-6a	0		16
Te-130(n,2npa)In-124g	TALYS-6a	0		15
Te-130(n,2npa)In-124m	TALYS-6a	0		15
Te-130(n,7n)Te-124	TALYS-6a	0		9
Te-130(n,8n)Te-123g	TALYS-6a	0		4
Te-130(n,8n)Te-123m	TALYS-6a	0		4
Te-130(n,5np)Sb-125	TALYS-6a	0		12
Te-130(n,6np)Sb-124g	TALYS-6a	0		7
Te-130(n,6np)Sb-124m	TALYS-6a	0		7
Te-130(n,6np)Sb-124n	TALYS-6a	0		7
Te-130(n,4na)Sn-123g	TALYS-6a	0		16
Te-130(n,4na)Sn-123m	TALYS-6a	0		16
Te-130(n,5na)Sn-122	TALYS-6a	0	[8]	13
Te-130(n,6na)Sn-121g	TALYS-6a	0		9
Te-130(n,6na)Sn-121m	TALYS-6a	0		9
Te-130(n,4nd)Sb-125	TALYS-6a	0		13
Te-130(n,5nd)Sb-124g	TALYS-6a	0		8
Te-130(n,5nd)Sb-124m	TALYS-6a	0		8
Te-130(n,5nd)Sb-124n	TALYS-6a	0		8
Te-130(n,6nd)Sb-123	TALYS-6a	0		5
Te-130(n,3nt)Sb-125	TALYS-6a	0	[8]	15
Te-130(n,4nt)Sb-124g	TALYS-6a	0		11
Te-130(n,4nt)Sb-124m	TALYS-6a	0		11
Te-130(n,4nt)Sb-124n	TALYS-6a	0		11
Te-130(n,5nt)Sb-123	TALYS-6a	0	[8]	8
Te-130(n,2nh)Sn-126	TALYS-6a	0	[8]	18
Te-130(n,3nh)Sn-125g	TALYS-6a	0		13
Te-130(n,3nh)Sn-125m	TALYS-6a	0		13
Te-130(n,4nh)Sn-124	TALYS-6a	0	[8]	10
Te-130(n,3n2p)Sn-126	TALYS-6a	0	[8]	13
Te-130(n,3n2a)Cd-120	TALYS-6a	0	[8]	12
Te-130(n,3npa)In-123g	TALYS-6a	0		12
Te-130(n,3npa)In-123m	TALYS-6a	0		12
Te-130(n,n'pd)Sn-127g	TALYS-6a	0		18
Te-130(n,n'pd)Sn-127m	TALYS-6a	0		17
Te-130(n,n'pt)Sn-126	TALYS-6a	0	[8]	18
Te-130(n,n'ta)In-123g	TALYS-6a	0		16
Te-130(n,n'ta)In-123m	TALYS-6a	0		16
Te-130(n,2n2p)Sn-127g	TALYS-6a	0		16
Te-130(n,2n2p)Sn-127m	TALYS-6a	0		16
Te-130(n,4n2p)Sn-125g	TALYS-6a	0		9
Te-130(n,4n2p)Sn-125m	TALYS-6a	0		9
Te-131m(n,n')Te-131g	TALYS-6a	0	[8]	97
Te-131m(n,2nd)Sb-128g	TALYS-6a	0	[4,8]	24
Te-131m(n,2nd)Sb-128m	TALYS-6a	0	[4,7,8,8]	23
Te-131m(n,2n)Te-130	TALYS-6a	0		57
Te-131m(n,3n)Te-129g	TALYS-6a	0		33
Te-131m(n,3n)Te-129m	TALYS-6a	0		33
Te-131m(n,n'a)Sn-127g	TALYS-6a	0		49
Te-131m(n,n'a)Sn-127m	TALYS-6a	0		49
Te-131m(n,2na)Sn-126	TALYS-6a	0	[8]	36
Te-131m(n,3na)Sn-125g	TALYS-6a	0		25
Te-131m(n,3na)Sn-125m	TALYS-6a	0		25
Te-131m(n,n'p)Sb-130g	TALYS-6a	0		40
Te-131m(n,n'p)Sb-130m	TALYS-6a	0		40
Te-131m(n,2n2a)Cd-122	TALYS-6a	0	[8]	15
Te-131m(n,n'd)Sb-129g	TALYS-6a	0	[4,8]	32
Te-131m(n,n'd)Sb-129m	TALYS-6a	0	[4,7,8,8]	29
Te-131m(n,n't)Sb-128g	TALYS-6a	0	[4,8]	29
Te-131m(n,n't)Sb-128m	TALYS-6a	0	[4,7,8,8]	28
Te-131m(n,n'h)Sn-128g	TALYS-6a	0		26
Te-131m(n,n'h)Sn-128m	TALYS-6a	0		24
Te-131m(n,4n)Te-128	TALYS-6a	0		26
Te-131m(n,2np)Sb-129g	TALYS-6a	0	[4,8]	30
Te-131m(n,2np)Sb-129m	TALYS-6a	0	[4,7,8,8]	27
Te-131m(n,3np)Sb-128g	TALYS-6a	0	[4]	22
Te-131m(n,3np)Sb-128m	TALYS-6a	0	[4,7,8]	21
Te-131m(n,n'2p)Sn-129g	TALYS-6a	0		23
Te-131m(n,n'2p)Sn-129m	TALYS-6a	0		23
Te-131m(n,n'pa)In-126g	TALYS-6a	0		21
Te-131m(n,n'pa)In-126m	TALYS-6a	0		21
Te-131m(n,g)Te-132	MASGAM	0	[14,13]	83
Te-131m(n,p)Sb-131	TALYS-6a	0	[2,8]	71
Te-131m(n,d)Sb-130g	TALYS-6a	0		44
Te-131m(n,d)Sb-130m	TALYS-6a	0		43
Te-131m(n,t)Sb-129g	TALYS-6a	0	[4,8]	44
Te-131m(n,t)Sb-129m	TALYS-6a	0	[4,7,8,8]	41
Te-131m(n,h)Sn-129g	TALYS-6a	0		31
Te-131m(n,h)Sn-129m	TALYS-6a	0		31
Te-131m(n,a)Sn-128g	TALYS-6a	0	[2]	100
Te-131m(n,a)Sn-128m	TALYS-6a	0	[2]	100
Te-131m(n,2p)Sn-130g	TALYS-6a	0		31
Te-131m(n,2p)Sn-130m	TALYS-6a	0		30
Te-131m(n,pd)Sn-129g	TALYS-6a	0		25
Te-131m(n,pd)Sn-129m	TALYS-6a	0		25
Te-131m(n,5n)Te-127g	TALYS-6a	0		17
Te-131m(n,5n)Te-127m	TALYS-6a	0		17
Te-131m(n,6n)Te-126	TALYS-6a	0		14
Te-131m(n,2nt)Sb-127	TALYS-6a	0	[8]	23
Te-131m(n,4np)Sb-127	TALYS-6a	0		16
Te-131m(n,3nd)Sb-127	TALYS-6a	0	[8]	18
Te-131m(n,n'da)In-125g	TALYS-6a	0		17
Te-131m(n,n'da)In-125m	TALYS-6a	0		16
Te-131m(n,2npa)In-125g	TALYS-6a	0		16
Te-131m(n,2npa)In-125m	TALYS-6a	0		16
Te-131m(n,7n)Te-125g	TALYS-6a	0		9
Te-131m(n,7n)Te-125m	TALYS-6a	0		9
Te-131m(n,8n)Te-124	TALYS-6a	0		6
Te-131m(n,5np)Sb-126g	TALYS-6a	0		12
Te-131m(n,5np)Sb-126m	TALYS-6a	0		12
Te-131m(n,5np)Sb-126n	TALYS-6a	0		12
Te-131m(n,6np)Sb-125	TALYS-6a	0		9
Te-131m(n,4na)Sn-124	TALYS-6a	0	[8]	19
Te-131m(n,5na)Sn-123g	TALYS-6a	0		13
Te-131m(n,5na)Sn-123m	TALYS-6a	0		13
Te-131m(n,6na)Sn-122	TALYS-6a	0	[8]	10
Te-131m(n,4nd)Sb-126g	TALYS-6a	0		13
Te-131m(n,4nd)Sb-126m	TALYS-6a	0		13
Te-131m(n,4nd)Sb-126n	TALYS-6a	0		13
Te-131m(n,5nd)Sb-125	TALYS-6a	0		10
Te-131m(n,6nd)Sb-124g	TALYS-6a	0		5
Te-131m(n,6nd)Sb-124m	TALYS-6a	0		5
Te-131m(n,6nd)Sb-124n	TALYS-6a	0		5
Te-131m(n,3nt)Sb-126g	TALYS-6a	0		16
Te-131m(n,3nt)Sb-126m	TALYS-6a	0		16
Te-131m(n,3nt)Sb-126n	TALYS-6a	0		16
Te-131m(n,4nt)Sb-125	TALYS-6a	0	[8]	12
Te-131m(n,5nt)Sb-124g	TALYS-6a	0		8
Te-131m(n,5nt)Sb-124m	TALYS-6a	0		8
Te-131m(n,5nt)Sb-124n	TALYS-6a	0		8
Te-131m(n,6nt)Sb-123	TALYS-6a	0	[8]	5
Te-131m(n,2nh)Sn-127g	TALYS-6a	0		18
Te-131m(n,2nh)Sn-127m	TALYS-6a	0		18
Te-131m(n,3nh)Sn-126	TALYS-6a	0	[8]	14
Te-131m(n,4nh)Sn-125g	TALYS-6a	0		10
Te-131m(n,4nh)Sn-125m	TALYS-6a	0		10
Te-131m(n,3n2p)Sn-127g	TALYS-6a	0		13
Te-131m(n,3n2p)Sn-127m	TALYS-6a	0		13
Te-131m(n,3n2a)Cd-121g	TALYS-6a	0		11
Te-131m(n,3n2a)Cd-121m	TALYS-6a	0		11
Te-131m(n,3npa)In-124g	TALYS-6a	0		12
Te-131m(n,3npa)In-124m	TALYS-6a	0		12
Te-131m(n,n'pd)Sn-128g	TALYS-6a	0		20
Te-131m(n,n'pd)Sn-128m	TALYS-6a	0		18
Te-131m(n,2n2p)Sn-128g	TALYS-6a	0		18
Te-131m(n,2n2p)Sn-128m	TALYS-6a	0		16
Te-131m(n,4n2p)Sn-126	TALYS-6a	0	[8]	10
Te-132(n,2nd)Sb-129g	TALYS-6a	0	[4,8]	23
Te-132(n,2nd)Sb-129m	TALYS-6a	0	[4,7,8,8]	21
Te-132(n,2n)Te-131g	TALYS-6a	0		45
Te-132(n,2n)Te-131m	TALYS-6a	0		45
Te-132(n,3n)Te-130	TALYS-6a	0		33
Te-132(n,n'a)Sn-128g	TALYS-6a	0		48
Te-132(n,n'a)Sn-128m	TALYS-6a	0		42
Te-132(n,2na)Sn-127g	TALYS-6a	0		31
Te-132(n,2na)Sn-127m	TALYS-6a	0		31
Te-132(n,3na)Sn-126	TALYS-6a	0	[8]	25
Te-132(n,n'p)Sb-131	TALYS-6a	0	[8]	39

Reaction	Library			
Te-132(n,n'd)Sb-130g	TALYS-6a	0		29
Te-132(n,n'd)Sb-130m	TALYS-6a	0		29
Te-132(n,n't)Sb-129g	TALYS-6a	0	[4,8]	29
Te-132(n,n't)Sb-129m	TALYS-6a	0	[4,7,8,8]	27
Te-132(n,n'h)Sn-129g	TALYS-6a	0		23
Te-132(n,n'h)Sn-129m	TALYS-6a	0		23
Te-132(n,4n)Te-129g	TALYS-6a	0		24
Te-132(n,4n)Te-129m	TALYS-6a	0		24
Te-132(n,2np)Sb-130g	TALYS-6a	0		27
Te-132(n,2np)Sb-130m	TALYS-6a	0		27
Te-132(n,3np)Sb-129g	TALYS-6a	0	[4]	22
Te-132(n,3np)Sb-129m	TALYS-6a	0	[4,7,8]	19
Te-132(n,n'2p)Sn-130g	TALYS-6a	0		23
Te-132(n,n'2p)Sn-130m	TALYS-6a	0		21
>Te-132(n,g)Te-133g	TALYS-6a	0		100
>Te-132(n,g)Te-133m	TALYS-6a	0		100
Te-132(n,p)Sb-132g	TALYS-6a	0	[4,2,8,7,8]	59
Te-132(n,p)Sb-132m	TALYS-6a	0	[4,7,8,2,8]	58
Te-132(n,d)Sb-131	TALYS-6a	0	[8]	43
Te-132(n,t)Sb-130g	TALYS-6a	0		39
Te-132(n,t)Sb-130m	TALYS-6a	0		39
Te-132(n,h)Sn-130g	TALYS-6a	0		31
Te-132(n,h)Sn-130m	TALYS-6a	0		29
Te-132(n,a)Sn-129g	TALYS-6a	0	[2]	100
Te-132(n,a)Sn-129m	TALYS-6a	0	[2]	100
Te-132(n,2p)Sn-131g	TALYS-6a	0		28
Te-132(n,2p)Sn-131m	TALYS-6a	0		28
Te-132(n,pd)Sn-130g	TALYS-6a	0		25
Te-132(n,pd)Sn-130m	TALYS-6a	0		23
Te-132(n,5n)Te-128	TALYS-6a	0		18
Te-132(n,6n)Te-127g	TALYS-6a	0		13
Te-132(n,6n)Te-127m	TALYS-6a	0		13
Te-132(n,2nt)Sb-128g	TALYS-6a	0	[4,8]	20
Te-132(n,2nt)Sb-128m	TALYS-6a	0	[4,7,8,8]	19
Te-132(n,4np)Sb-128g	TALYS-6a	0	[4]	15
Te-132(n,4np)Sb-128m	TALYS-6a	0	[4,7,8]	14
Te-132(n,3nd)Sb-128g	TALYS-6a	0	[4]	16
Te-132(n,3nd)Sb-128m	TALYS-6a	0	[4,7,8]	15
Te-132(n,2npa)In-126g	TALYS-6a	0		15
Te-132(n,2npa)In-126m	TALYS-6a	0		14
Te-132(n,7n)Te-126	TALYS-6a	0		10
Te-132(n,8n)Te-125g	TALYS-6a	0		5
Te-132(n,8n)Te-125m	TALYS-6a	0		5
Te-132(n,5np)Sb-127	TALYS-6a	0		12
Te-132(n,6np)Sb-126g	TALYS-6a	0		8
Te-132(n,6np)Sb-126m	TALYS-6a	0		8
Te-132(n,6np)Sb-126n	TALYS-6a	0		8
Te-132(n,4na)Sn-125g	TALYS-6a	0		17
Te-132(n,4na)Sn-125m	TALYS-6a	0		16
Te-132(n,5na)Sn-124	TALYS-6a	0	[8]	13
Te-132(n,6na)Sn-123g	TALYS-6a	0		9
Te-132(n,6na)Sn-123m	TALYS-6a	0		9
Te-132(n,4nd)Sb-127	TALYS-6a	0		13
Te-132(n,5nd)Sb-126g	TALYS-6a	0		9
Te-132(n,5nd)Sb-126m	TALYS-6a	0		9
Te-132(n,5nd)Sb-126n	TALYS-6a	0		9
Te-132(n,6nd)Sb-125	TALYS-6a	0	[8]	5
Te-132(n,3nt)Sb-127	TALYS-6a	0	[8]	16
Te-132(n,4nt)Sb-126g	TALYS-6a	0		11
Te-132(n,4nt)Sb-126m	TALYS-6a	0		11
Te-132(n,4nt)Sb-126n	TALYS-6a	0		11
Te-132(n,5nt)Sb-125	TALYS-6a	0	[8]	8
Te-132(n,2nh)Sn-128g	TALYS-6a	0		17
Te-132(n,2nh)Sn-128m	TALYS-6a	0		16
Te-132(n,3nh)Sn-127g	TALYS-6a	0		13
Te-132(n,3nh)Sn-127m	TALYS-6a	0		13
Te-132(n,4nh)Sn-126	TALYS-6a	0	[8]	10
Te-132(n,3n2p)Sn-128g	TALYS-6a	0		13
Te-132(n,3n2p)Sn-128m	TALYS-6a	0		12
Te-132(n,3n2a)Cd-122	TALYS-6a	0	[8]	11
Te-132(n,3npa)In-125g	TALYS-6a	0		12
Te-132(n,3npa)In-125m	TALYS-6a	0		11
Te-132(n,n'pd)Sn-129g	TALYS-6a	0		17
Te-132(n,n'pd)Sn-129m	TALYS-6a	0		17
Te-132(n,2n2p)Sn-129g	TALYS-6a	0		16
Te-132(n,2n2p)Sn-129m	TALYS-6a	0		16
Te-132(n,4n2p)Sn-127g	TALYS-6a	0		9
Te-132(n,4n2p)Sn-127m	TALYS-6a	0		9
I-123(n,2nd)Te-120	TALYS-6a	0	[8]	25
I-123(n,2n)I-122	TALYS-6a	0		41
I-123(n,3n)I-121	TALYS-6a	0		29
+I-123(n,n'a)Sb-119g	TALYS-6a	0	[4,8]	65
+I-123(n,n'a)Sb-119m	TALYS-6a	0	[4,7,8,8]	64
I-123(n,2na)Sb-118g	TALYS-6a	0		34
I-123(n,2na)Sb-118m	TALYS-6a	0		33
I-123(n,3na)Sb-117	TALYS-6a	0	[8]	25
I-123(n,n'p)Te-122	TALYS-6a	0	[8]	57
I-123(n,n'2a)In-115g	TALYS-6a	0		35
I-123(n,n'2a)In-115m	TALYS-6a	0		34
I-123(n,2n2a)In-114g	TALYS-6a	0		23
I-123(n,2n2a)In-114m	TALYS-6a	0		23
I-123(n,n'd)Te-121g	TALYS-6a	0		34
I-123(n,n'd)Te-121m	TALYS-6a	0		33
I-123(n,n't)Te-120	TALYS-6a	0	[8]	31
I-123(n,n'h)Sb-120g	TALYS-6a	0	[4,8]	28
I-123(n,n'h)Sb-120m	TALYS-6a	0	[4,7,8,8]	27
I-123(n,4n)I-120g	TALYS-6a	0	[4]	18
I-123(n,4n)I-120m	TALYS-6a	0	[4,7,8]	16
I-123(n,2np)Te-121g	TALYS-6a	0		31
I-123(n,2np)Te-121m	TALYS-6a	0		31
I-123(n,3np)Te-120	TALYS-6a	0		24
I-123(n,n'2p)Sb-121	TALYS-6a	0		31
I-123(n,n'pa)Sn-118	TALYS-6a	0	[8]	38
I-123(n,g)I-124	MASGAM	0	[14,13]	83
I-123(n,p)Te-123g	TALYS-6a	0	[2]	100
I-123(n,p)Te-123m	TALYS-6a	0	[2]	100
I-123(n,d)Te-122	TALYS-6a	0	[8]	67
I-123(n,t)Te-121g	TALYS-6a	0		46
I-123(n,t)Te-121m	TALYS-6a	0		45
I-123(n,h)Sb-121	TALYS-6a	0	[8]	43
I-123(n,a)Sb-120g	TALYS-6a	0	[4,2]	100
I-123(n,a)Sb-120m	TALYS-6a	0	[4,7,2]	100
I-123(n,2a)In-116g	TALYS-6a	0		100
I-123(n,2a)In-116m	TALYS-6a	0		100
I-123(n,2a)In-116n	TALYS-6a	0		100
I-123(n,2p)Sb-122g	TALYS-6a	0		43
I-123(n,2p)Sb-122m	TALYS-6a	0		43
I-123(n,pa)Sn-119g	TALYS-6a	0		100
I-123(n,pa)Sn-119m	TALYS-6a	0		100
I-123(n,pd)Sb-121	TALYS-6a	0	[8]	33
I-123(n,pt)Sb-120g	TALYS-6a	0	[4,8]	28
I-123(n,pt)Sb-120m	TALYS-6a	0	[4,7,8,8]	27
I-123(n,da)Sn-118	TALYS-6a	0	[8]	40
I-123(n,5n)I-119	TALYS-6a	0		13
I-123(n,6n)I-118g	TALYS-6a	0	[4,8,7,8]	7
I-123(n,6n)I-118m	TALYS-6a	0	[4,7,8,8]	5
I-123(n,2nt)Te-119g	TALYS-6a	0		21
I-123(n,2nt)Te-119m	TALYS-6a	0		21
I-123(n,ta)Sn-117g	TALYS-6a	0		33
I-123(n,ta)Sn-117m	TALYS-6a	0		32
I-123(n,4np)Te-119g	TALYS-6a	0		15
I-123(n,4np)Te-119m	TALYS-6a	0		15
I-123(n,3nd)Te-119g	TALYS-6a	0		16
I-123(n,3nd)Te-119m	TALYS-6a	0		16
I-123(n,n'da)Sn-117g	TALYS-6a	0		26
I-123(n,n'da)Sn-117m	TALYS-6a	0		26
I-123(n,2npa)Sn-117g	TALYS-6a	0		25
I-123(n,2npa)Sn-117m	TALYS-6a	0		25
I-123(n,5np)Te-118	TALYS-6a	0		11
I-123(n,6np)Te-117g	TALYS-6a	0		6
I-123(n,6np)Te-117m	TALYS-6a	0		6
I-123(n,4na)Sb-116g	TALYS-6a	0		16
I-123(n,4na)Sb-116m	TALYS-6a	0		16
I-123(n,5na)Sb-115	TALYS-6a	0	[8]	12
I-123(n,6na)Sb-114	TALYS-6a	0	[8]	6
I-123(n,4nd)Sb-118	TALYS-6a	0	[8]	12
I-123(n,5nd)Te-117g	TALYS-6a	0		7
I-123(n,5nd)Te-117m	TALYS-6a	0		7
I-123(n,3nt)Te-118	TALYS-6a	0	[8]	15
I-123(n,4nt)Te-117g	TALYS-6a	0		9
I-123(n,4nt)Te-117m	TALYS-6a	0		9
I-123(n,5nt)Te-116	TALYS-6a	0	[8,7,8]	5
+I-123(n,2nh)Sb-119g	TALYS-6a	0	[4,8]	21
+I-123(n,2nh)Sb-119m	TALYS-6a	0	[4,7,8,8]	20
I-123(n,3nh)Sb-118g	TALYS-6a	0		14
I-123(n,3nh)Sb-118m	TALYS-6a	0		14
I-123(n,4nh)Sb-117	TALYS-6a	0	[8]	10
+I-123(n,3n2p)Sb-119g	TALYS-6a	0	[4,8]	15
+I-123(n,3n2p)Sb-119m	TALYS-6a	0	[4,7,8,8]	13
I-123(n,3n2a)In-113g	TALYS-6a	0		16
I-123(n,3n2a)In-113m	TALYS-6a	0		16
I-123(n,3npa)Sn-116	TALYS-6a	0	[8]	18
+I-123(n,dt)Sb-119g	TALYS-6a	0	[4,8]	22
+I-123(n,dt)Sb-119m	TALYS-6a	0	[4,7,8,8]	21
I-123(n,n'pd)Sb-120g	TALYS-6a	0	[4,8]	22
I-123(n,n'pd)Sb-120m	TALYS-6a	0	[4,7,8,8]	21
+I-123(n,n'pt)Sb-119g	TALYS-6a	0	[4,8]	21
+I-123(n,n'pt)Sb-119m	TALYS-6a	0	[4,7,8,8]	20
I-123(n,n'dt)Sb-118g	TALYS-6a	0		15
I-123(n,n'dt)Sb-118m	TALYS-6a	0		14
I-123(n,n'ph)Sn-119g	TALYS-6a	0		18
I-123(n,n'ph)Sn-119m	TALYS-6a	0		19
I-123(n,n'dh)Sn-118	TALYS-6a	0	[8]	14
I-123(n,n'ta)Sn-116	TALYS-6a	0	[8]	25
I-123(n,2n2p)Sb-120g	TALYS-6a	0	[4,8]	21
I-123(n,2n2p)Sb-120m	TALYS-6a	0	[4,7,8,8]	20
I-123(n,ph)Sn-120	TALYS-6a	0	[8]	28
I-123(n,4n2p)Sb-118g	TALYS-6a	0		10
I-123(n,4n2p)Sb-118m	TALYS-6a	0		10
I-123(n,4n2a)In-112g	TALYS-6a	0		11
I-123(n,4n2a)In-112m	TALYS-6a	0		11
I-123(n,4npa)Sn-115	TALYS-6a	0	[8]	12
I-123(n,n'3p)Sn-120	TALYS-6a	0	[8]	21
I-123(n,3n2pa)In-115g	TALYS-6a	0		10
I-123(n,3n2pa)In-115m	TALYS-6a	0		9
I-123(n,5n2p)Sb-117	TALYS-6a	0	[8]	7
I-124(n,2nd)Te-121g	TALYS-6a	0		25
I-124(n,2nd)Te-121m	TALYS-6a	0		25
I-124(n,2n)I-123	TALYS-6a	0		48
I-124(n,3n)I-122	TALYS-6a	0		29
I-124(n,n'a)Sb-120g	TALYS-6a	0	[4,8]	63
I-124(n,n'a)Sb-120m	TALYS-6a	0	[4,7,8,8]	62
+I-124(n,2na)Sb-119g	TALYS-6a	0	[4,8]	38
+I-124(n,2na)Sb-119m	TALYS-6a	0	[4,7,8,8]	37
I-124(n,3na)Sb-118g	TALYS-6a	0		25
I-124(n,3na)Sb-118m	TALYS-6a	0		25
I-124(n,n'p)Te-123g	TALYS-6a	0		55
I-124(n,n'p)Te-123m	TALYS-6a	0		53
I-124(n,n'2a)In-116g	TALYS-6a	0		32
I-124(n,n'2a)In-116m	TALYS-6a	0		32
I-124(n,n'2a)In-116n	TALYS-6a	0		32
I-124(n,2n2a)In-115g	TALYS-6a	0		25
I-124(n,2n2a)In-115m	TALYS-6a	0		24
I-124(n,n'd)Te-122	TALYS-6a	0	[8]	38
I-124(n,n't)Te-121g	TALYS-6a	0		31
I-124(n,n't)Te-121m	TALYS-6a	0		31
I-124(n,n'h)Sb-121	TALYS-6a	0	[8]	30
I-124(n,4n)I-121	TALYS-6a	0		21
I-124(n,2np)Te-122	TALYS-6a	0	[8]	35
I-124(n,3np)Te-121g	TALYS-6a	0		23
I-124(n,3np)Te-121m	TALYS-6a	0		23
I-124(n,n'2p)Sb-122g	TALYS-6a	0		30
I-124(n,n'2p)Sb-122m	TALYS-6a	0		29
I-124(n,n'pa)Sn-119g	TALYS-6a	0		35
I-124(n,n'pa)Sn-119m	TALYS-6a	0		35
I-124(n,g)I-125	MASGAM	0	[14,13]	83
I-124(n,p)Te-124	TALYS-6a	0	[2]	100
I-124(n,d)Te-123g	TALYS-6a	0		63

Reaction	Library			
I-124(n,d)Te-123m	TALYS-6a	0		62
I-124(n,t)Te-122	TALYS-6a	0	[8]	58
I-124(n,h)Sb-122g	TALYS-6a	0		41
I-124(n,h)Sb-122m	TALYS-6a	0		41
I-124(n,a)Sb-121	TALYS-6a	0	[2]	100
I-124(n,2a)In-117g	TALYS-6a	0		100
I-124(n,2a)In-117m	TALYS-6a	0		100
I-124(n,2p)Sb-123	TALYS-6a	0	[8]	48
I-124(n,pa)Sn-120	TALYS-6a	0		100
I-124(n,pd)Sb-122g	TALYS-6a	0		31
I-124(n,pd)Sb-122m	TALYS-6a	0		31
I-124(n,pt)Sb-121	TALYS-6a	0	[8]	31
I-124(n,da)Sn-119g	TALYS-6a	0		38
I-124(n,da)Sn-119m	TALYS-6a	0		38
I-124(n,5n)I-120g	TALYS-6a	0	[4]	13
I-124(n,5n)I-120m	TALYS-6a	0	[4,7,8]	12
I-124(n,6n)I-119	TALYS-6a	0		9
I-124(n,2nt)Te-120	TALYS-6a	0	[8]	24
I-124(n,ta)Sn-118	TALYS-6a	0	[8]	37
I-124(n,4np)Te-120	TALYS-6a	0	[8]	16
I-124(n,3nd)Te-120	TALYS-6a	0	[8]	18
I-124(n,n'da)Sn-118	TALYS-6a	0	[8]	28
I-124(n,2npa)Sn-118	TALYS-6a	0	[8]	27
I-124(n,5np)Te-119g	TALYS-6a	0		11
I-124(n,5np)Te-119m	TALYS-6a	0		11
I-124(n,6np)Te-118	TALYS-6a	0	[8]	7
I-124(n,4na)Sb-117	TALYS-6a	0	[8]	17
I-124(n,5na)Sb-116g	TALYS-6a	0		12
I-124(n,5na)Sb-116m	TALYS-6a	0		12
I-124(n,6na)Sb-115	TALYS-6a	0	[8]	8
I-124(n,4nd)Te-119g	TALYS-6a	0		12
I-124(n,4nd)Te-119m	TALYS-6a	0		12
I-124(n,5nd)Te-118	TALYS-6a	0	[8]	8
I-124(n,3nt)Te-119g	TALYS-6a	0		15
I-124(n,3nt)Te-119m	TALYS-6a	0		15
I-124(n,4nt)Te-118	TALYS-6a	0	[8]	11
I-124(n,5nt)Te-117g	TALYS-6a	0		6
I-124(n,5nt)Te-117m	TALYS-6a	0		5
I-124(n,2nh)Sb-120g	TALYS-6a	0	[4,8]	21
I-124(n,2nh)Sb-120m	TALYS-6a	0	[4,7,8,8]	20
+I-124(n,3nh)Sb-119g	TALYS-6a	0	[4,8]	15
+I-124(n,3nh)Sb-119m	TALYS-6a	0	[4,7,8,8]	13
I-124(n,4nh)Sb-118g	TALYS-6a	0		10
I-124(n,4nh)Sb-118m	TALYS-6a	0		10
I-124(n,3n2p)Sb-120g	TALYS-6a	0	[4,8]	15
I-124(n,3n2p)Sb-120m	TALYS-6a	0	[4,7,8,8]	14
I-124(n,3n2a)In-114g	TALYS-6a	0		16
I-124(n,3n2a)In-114m	TALYS-6a	0		16
I-124(n,3npa)Sn-117g	TALYS-6a	0		17
I-124(n,3npa)Sn-117m	TALYS-6a	0		17
I-124(n,n'pd)Sb-121	TALYS-6a	0	[8]	21
I-124(n,n'pt)Sb-120g	TALYS-6a	0	[4,8]	21
I-124(n,n'pt)Sb-120m	TALYS-6a	0	[4,7,8,8]	20
+I-124(n,n'dt)Sb-119g	TALYS-6a	0	[4,8]	16
+I-124(n,n'dt)Sb-119m	TALYS-6a	0	[4,7,8,8]	15
I-124(n,n'ph)Sn-120	TALYS-6a	0	[8]	21
I-124(n,n'dh)Sn-119g	TALYS-6a	0		14
I-124(n,n'dh)Sn-119m	TALYS-6a	0		14
I-124(n,n'ta)Sn-117g	TALYS-6a	0		24
I-124(n,n'ta)Sn-117m	TALYS-6a	0		24
I-124(n,2n2p)Sb-121	TALYS-6a	0	[8]	23
+I-124(n,4n2p)Sb-119g	TALYS-6a	0	[4,8]	11
+I-124(n,4n2p)Sb-119m	TALYS-6a	0	[4,7,8,8]	10
I-124(n,4n2a)In-113g	TALYS-6a	0		12
I-124(n,4n2a)In-113m	TALYS-6a	0		12
I-124(n,4npa)Sn-116	TALYS-6a	0	[8]	13
I-124(n,n'3p)Sn-121g	TALYS-6a	0		19
I-124(n,n'3p)Sn-121m	TALYS-6a	0		19
I-125(n,2nd)Te-122	TALYS-6a	0	[8]	25
I-125(n,2n)I-124	TALYS-6a	0		42
I-125(n,3n)I-123	TALYS-6a	0		29
I-125(n,n'a)Sb-121	TALYS-6a	0	[8]	61
I-125(n,2na)Sb-120g	TALYS-6a	0	[4,8]	33
I-125(n,2na)Sb-120m	TALYS-6a	0	[4,7,8,8]	32
+I-125(n,3na)Sb-119g	TALYS-6a	0	[4,8]	25
+I-125(n,3na)Sb-119m	TALYS-6a	0	[4,7,8,8]	24
I-125(n,n'p)Te-124	TALYS-6a	0	[8]	54
I-125(n,n'2a)In-117g	TALYS-6a	0		31
I-125(n,n'2a)In-117m	TALYS-6a	0		31
I-125(n,2n2a)In-116g	TALYS-6a	0		21
I-125(n,2n2a)In-116m	TALYS-6a	0		21
I-125(n,2n2a)In-116n	TALYS-6a	0		21
I-125(n,n'd)Te-123g	TALYS-6a	0		33
I-125(n,n'd)Te-123m	TALYS-6a	0		33
I-125(n,n't)Te-122	TALYS-6a	0	[8]	31
I-125(n,n'h)Sb-122g	TALYS-6a	0		27
I-125(n,n'h)Sb-122m	TALYS-6a	0		27
I-125(n,4n)I-122	TALYS-6a	0		19
I-125(n,2np)Te-123g	TALYS-6a	0		31
I-125(n,2np)Te-123m	TALYS-6a	0		30
I-125(n,3np)Te-122	TALYS-6a	0		24
I-125(n,n'2p)Sb-123	TALYS-6a	0	[8]	29
I-125(n,n'pa)Sn-120	TALYS-6a	0	[8]	34
>I-125(n,g)I-126	TALYS-5a	2	[14]	100
I-125(n,p)Te-125g	TALYS-6a	0	[2]	100
I-125(n,p)Te-125m	TALYS-6a	0	[2]	100
I-125(n,d)Te-124	TALYS-6a	0	[8]	63
I-125(n,t)Te-123g	TALYS-6a	0		45
I-125(n,t)Te-123m	TALYS-6a	0		45
I-125(n,h)Sb-123	TALYS-6a	0	[8]	40
I-125(n,a)Sb-122g	TALYS-6a	0	[2]	100
I-125(n,a)Sb-122m	TALYS-6a	0	[2]	100
I-125(n,2a)In-118g	TALYS-6a	0		100
I-125(n,2a)In-118m	TALYS-6a	0		100
I-125(n,2a)In-118n	TALYS-6a	0		100
I-125(n,2p)Sb-124g	TALYS-6a	0		39
I-125(n,2p)Sb-124m	TALYS-6a	0		40
I-125(n,2p)Sb-124n	TALYS-6a	0		40
I-125(n,pa)Sn-121g	TALYS-6a	0		49

Reaction	Library			
I-125(n,pa)Sn-121m	TALYS-6a	0		50
I-125(n,pd)Sb-123	TALYS-6a	0	[8]	31
I-125(n,pt)Sb-122g	TALYS-6a	0		27
I-125(n,pt)Sb-122m	TALYS-6a	0		27
I-125(n,da)Sn-120	TALYS-6a	0	[8]	37
I-125(n,5n)I-121	TALYS-6a	0		14
I-125(n,6n)I-120g	TALYS-6a	0	[4]	9
I-125(n,6n)I-120m	TALYS-6a	0	[4,7,8]	7
I-125(n,2nt)Te-121g	TALYS-6a	0		21
I-125(n,2nt)Te-121m	TALYS-6a	0		21
I-125(n,ta)Sn-119g	TALYS-6a	0		31
I-125(n,ta)Sn-119m	TALYS-6a	0		31
I-125(n,4np)Te-121g	TALYS-6a	0		15
I-125(n,4np)Te-121m	TALYS-6a	0		15
I-125(n,3nd)Te-121g	TALYS-6a	0		16
I-125(n,3nd)Te-121m	TALYS-6a	0		16
I-125(n,n'da)Sn-119g	TALYS-6a	0		25
I-125(n,n'da)Sn-119m	TALYS-6a	0		25
I-125(n,2npa)Sn-119g	TALYS-6a	0		23
I-125(n,2npa)Sn-119m	TALYS-6a	0		23
I-125(n,7n)I-119	TALYS-6a	0		4
I-125(n,5np)Te-120	TALYS-6a	0	[8]	11
I-125(n,6np)Te-119g	TALYS-6a	0		6
I-125(n,6np)Te-119m	TALYS-6a	0		6
I-125(n,4na)Sb-118g	TALYS-6a	0		16
I-125(n,4na)Sb-118m	TALYS-6a	0		16
I-125(n,5na)Sb-117	TALYS-6a	0	[8]	12
I-125(n,6na)Sb-116g	TALYS-6a	0		7
I-125(n,6na)Sb-116m	TALYS-6a	0		7
I-125(n,4nd)Te-120	TALYS-6a	0	[8]	12
I-125(n,5nd)Te-119g	TALYS-6a	0		7
I-125(n,5nd)Te-119m	TALYS-6a	0		7
I-125(n,3nt)Te-120	TALYS-6a	0	[8]	15
I-125(n,4nt)Te-119g	TALYS-6a	0		10
I-125(n,4nt)Te-119m	TALYS-6a	0		10
I-125(n,5nt)Te-118	TALYS-6a	0	[8]	6
I-125(n,2nh)Sb-121	TALYS-6a	0	[8]	20
I-125(n,3nh)Sb-120g	TALYS-6a	0	[4,8]	14
I-125(n,3nh)Sb-120m	TALYS-6a	0	[4,7,8,8]	13
+I-125(n,4nh)Sb-119g	TALYS-6a	0	[4,8]	10
+I-125(n,4nh)Sb-119m	TALYS-6a	0	[4,7,8,8]	9
I-125(n,3n2p)Sb-121	TALYS-6a	0	[8]	15
I-125(n,3n2a)In-115g	TALYS-6a	0		16
I-125(n,3n2a)In-115m	TALYS-6a	0		15
I-125(n,3npa)Sn-118	TALYS-6a	0	[8]	17
I-125(n,dt)Sb-121	TALYS-6a	0	[8]	21
I-125(n,n'pd)Sb-122g	TALYS-6a	0		21
I-125(n,n'pd)Sb-122m	TALYS-6a	0		21
I-125(n,n'pt)Sb-121	TALYS-6a	0	[8]	21
I-125(n,n'dt)Sb-120g	TALYS-6a	0	[4,8]	14
I-125(n,n'dt)Sb-120m	TALYS-6a	0	[4,7,8,8]	13
I-125(n,n'ph)Sn-121g	TALYS-6a	0		16
I-125(n,n'ph)Sn-121m	TALYS-6a	0		17
I-125(n,n'ta)Sn-118	TALYS-6a	0	[8]	24
I-125(n,2n2p)Sb-122g	TALYS-6a	0		20
I-125(n,2n2p)Sb-122m	TALYS-6a	0		20
I-125(n,4n2p)Sb-120g	TALYS-6a	0	[4,8]	10
I-125(n,4n2p)Sb-120m	TALYS-6a	0	[4,7,8,8]	9
I-125(n,4n2a)In-114g	TALYS-6a	0		10
I-125(n,4n2a)In-114m	TALYS-6a	0		11
I-125(n,4npa)Sn-117g	TALYS-6a	0		12
I-125(n,4npa)Sn-117m	TALYS-6a	0		12
I-125(n,n'3p)Sn-122	TALYS-6a	0	[8]	18
I-126(n,2nd)Te-123g	TALYS-6a	0		25
I-126(n,2nd)Te-123m	TALYS-6a	0		25
I-126(n,2n)I-125	TALYS-6a	0		49
I-126(n,3n)I-124	TALYS-6a	0		30
I-126(n,n'a)Sb-122g	TALYS-6a	0		59
I-126(n,n'a)Sb-122m	TALYS-6a	0		58
I-126(n,2na)Sb-121	TALYS-6a	0	[8]	37
I-126(n,3na)Sb-120g	TALYS-6a	0	[4,8]	25
I-126(n,3na)Sb-120m	TALYS-6a	0	[4,7,8,8]	24
I-126(n,n'p)Te-125g	TALYS-6a	0		51
I-126(n,n'p)Te-125m	TALYS-6a	0		50
I-126(n,n'2a)In-118g	TALYS-6a	0		29
I-126(n,n'2a)In-118m	TALYS-6a	0		29
I-126(n,n'2a)In-118n	TALYS-6a	0		29
I-126(n,2n2a)In-117g	TALYS-6a	0		23
I-126(n,2n2a)In-117m	TALYS-6a	0		23
I-126(n,n'd)Te-124	TALYS-6a	0	[8]	38
I-126(n,n't)Te-123g	TALYS-6a	0		31
I-126(n,n't)Te-123m	TALYS-6a	0		31
I-126(n,n'h)Sb-123	TALYS-6a	0	[8]	29
I-126(n,4n)I-123	TALYS-6a	0		22
I-126(n,2np)Te-124	TALYS-6a	0	[8]	34
I-126(n,3np)Te-123g	TALYS-6a	0		23
I-126(n,3np)Te-123m	TALYS-6a	0		23
I-126(n,n'2p)Sb-124g	TALYS-6a	0		28
I-126(n,n'2p)Sb-124m	TALYS-6a	0		28
I-126(n,n'2p)Sb-124n	TALYS-6a	0		28
I-126(n,n'pa)Sn-121g	TALYS-6a	0		32
I-126(n,n'pa)Sn-121m	TALYS-6a	0		32
I-126(n,g)I-127	MASGAM	2	[14,13,12]	116
I-126(n,p)Te-126	TALYS-6a	0	[2]	100
I-126(n,d)Te-125g	TALYS-6a	0		60
I-126(n,d)Te-125m	TALYS-6a	0		59
I-126(n,t)Te-124	TALYS-6a	0	[8]	56
I-126(n,h)Sb-124g	TALYS-6a	0		39
I-126(n,h)Sb-124m	TALYS-6a	0		39
I-126(n,h)Sb-124n	TALYS-6a	0		39
I-126(n,a)Sb-123	TALYS-6a	0	[2]	100
I-126(n,2a)In-119g	TALYS-6a	0		100
I-126(n,2a)In-119m	TALYS-6a	0		100
I-126(n,2p)Sb-125	TALYS-6a	0	[8]	43
I-126(n,pa)Sn-122	TALYS-6a	0	[10]	100
I-126(n,pd)Sb-124g	TALYS-6a	0		30
I-126(n,pd)Sb-124m	TALYS-6a	0		30
I-126(n,pd)Sb-124n	TALYS-6a	0		30
I-126(n,pt)Sb-123	TALYS-6a	0	[8]	29

Reaction	Library	Flag	Refs	Value
I-126(n,da)Sn-121g	TALYS-6a	0		34
I-126(n,da)Sn-121m	TALYS-6a	0		35
I-126(n,5n)I-122	TALYS-6a	0		14
I-126(n,6n)I-121	TALYS-6a	0		10
I-126(n,2nt)Te-122	TALYS-6a	0	[8]	24
I-126(n,ta)Sn-120	TALYS-6a	0	[8]	34
I-126(n,4np)Te-122	TALYS-6a	0		17
I-126(n,3nd)Te-122	TALYS-6a	0	[8]	18
I-126(n,n'da)Sn-120	TALYS-6a	0	[8]	27
I-126(n,2npa)Sn-120	TALYS-6a	0	[8]	25
I-126(n,7n)I-120g	TALYS-6a	0	[4]	5
I-126(n,7n)I-120m	TALYS-6a	0	[4,7,8]	4
I-126(n,5np)Te-121g	TALYS-6a	0		12
I-126(n,5np)Te-121m	TALYS-6a	0		11
I-126(n,6np)Te-120	TALYS-6a	0		8
+I-126(n,4na)Sb-119g	TALYS-6a	0	[4,8]	18
+I-126(n,4na)Sb-119m	TALYS-6a	0	[4,7,8,8]	16
I-126(n,5na)Sb-118g	TALYS-6a	0		12
I-126(n,5na)Sb-118m	TALYS-6a	0		12
I-126(n,6na)Sb-117	TALYS-6a	0	[8]	8
I-126(n,4nd)Te-121g	TALYS-6a	0		12
I-126(n,4nd)Te-121m	TALYS-6a	0		12
I-126(n,5nd)Te-120	TALYS-6a	0		9
I-126(n,3nt)Te-121g	TALYS-6a	0		15
I-126(n,3nt)Te-121m	TALYS-6a	0		15
I-126(n,4nt)Te-120	TALYS-6a	0	[8]	11
I-126(n,5nt)Te-119g	TALYS-6a	0		6
I-126(n,5nt)Te-119m	TALYS-6a	0		6
I-126(n,2nh)Sb-122g	TALYS-6a	0		20
I-126(n,2nh)Sb-122m	TALYS-6a	0		20
I-126(n,3nh)Sb-121	TALYS-6a	0	[8]	15
I-126(n,4nh)Sb-120g	TALYS-6a	0	[4,8]	10
I-126(n,4nh)Sb-120m	TALYS-6a	0	[4,7,8,8]	9
I-126(n,3n2p)Sb-122g	TALYS-6a	0		14
I-126(n,3n2p)Sb-122m	TALYS-6a	0		14
I-126(n,3n2a)In-116g	TALYS-6a	0		15
I-126(n,3n2a)In-116m	TALYS-6a	0		15
I-126(n,3n2a)In-116n	TALYS-6a	0		15
I-126(n,3npa)Sn-119g	TALYS-6a	0		16
I-126(n,3npa)Sn-119m	TALYS-6a	0		16
I-126(n,n'pd)Sb-123	TALYS-6a	0	[8]	23
I-126(n,n'pt)Sb-122g	TALYS-6a	0		20
I-126(n,n'pt)Sb-122m	TALYS-6a	0		20
I-126(n,n'dt)Sb-121	TALYS-6a	0	[8]	15
I-126(n,n'ph)Sn-122	TALYS-6a	0	[8]	19
I-126(n,n'ta)Sn-119g	TALYS-6a	0		23
I-126(n,n'ta)Sn-119m	TALYS-6a	0		23
I-126(n,2n2p)Sb-123	TALYS-6a	0	[8]	22
I-126(n,4n2p)Sb-121	TALYS-6a	0	[8]	11
I-126(n,4n2a)In-115g	TALYS-6a	0		12
I-126(n,4n2a)In-115m	TALYS-6a	0		11
I-126(n,4npa)Sn-118	TALYS-6a	0	[8]	13
I-127(n,2nd)Te-124	TALYS-6a	0	[8]	25
I-127(n,2n)I-126	IRDF-90.2	6	[13,15]	136
I-127(n,3n)I-125	TALYS-6a	2		30
>I-127(n,n'a)Sb-123	TALYS-6a	3	[3,8]	58
I-127(n,2na)Sb-122g	TALYS-6a	0		32
I-127(n,2na)Sb-122m	TALYS-6a	0		32
I-127(n,3na)Sb-121	TALYS-6a	0	[8]	25
I-127(n,n'p)Te-126	TALYS-6a	0	[8]	50
I-127(n,n'2a)In-119g	TALYS-6a	0		29
I-127(n,n'2a)In-119m	TALYS-6a	0		28
I-127(n,2n2a)In-118g	TALYS-6a	0		19
I-127(n,2n2a)In-118m	TALYS-6a	0		19
I-127(n,2n2a)In-118n	TALYS-6a	0		19
I-127(n,n'd)Te-125g	TALYS-6a	0		33
I-127(n,n'd)Te-125m	TALYS-6a	0		32
I-127(n,n't)Te-124	TALYS-6a	0	[8]	31
I-127(n,n'h)Sb-124g	TALYS-6a	0		26
I-127(n,n'h)Sb-124m	TALYS-6a	0		26
I-127(n,n'h)Sb-124n	TALYS-6a	0		26
I-127(n,4n)I-124	TALYS-6a	0		20
I-127(n,2np)Te-125g	TALYS-6a	0		30
I-127(n,2np)Te-125m	TALYS-6a	0		30
I-127(n,3np)Te-124	TALYS-6a	0		24
I-127(n,n'2p)Sb-125	TALYS-6a	0	[8]	28
I-127(n,n'pa)Sn-122	TALYS-6a	0	[8]	31
I-127(n,g)I-128	JEF-2.2	5	[13]	
27507				
I-127(n,p)Te-127g	TALYS-5a	2	[3]	100
I-127(n,p)Te-127m	TALYS-5a	2	[3]	83
I-127(n,d)Te-126	TALYS-6a	0	[8]	60
I-127(n,t)Te-125g	TALYS-6a	0		45
I-127(n,t)Te-125m	TALYS-6a	0		44
I-127(n,h)Sb-125	TALYS-6a	5	[8]	38
I-127(n,a)Sb-124g	TALYS-5	4	[9,9,3]	
27429				
I-127(n,a)Sb-124m	TALYS-5	2	[9,3]	
27429				
I-127(n,a)Sb-124n	TALYS-5	1	[9,3]	
27429				
I-127(n,2p)Sb-126g	TALYS-6a	0		37
I-127(n,2p)Sb-126m	TALYS-6a	0		36
I-127(n,2p)Sb-126n	TALYS-6a	0		36
I-127(n,pa)Sn-123g	TALYS-6a	0		44
I-127(n,pa)Sn-123m	TALYS-6a	0		43
I-127(n,pd)Sb-125	TALYS-6a	0	[8]	29
I-127(n,pt)Sb-124g	TALYS-6a	0		26
I-127(n,pt)Sb-124m	TALYS-6a	0		26
I-127(n,pt)Sb-124n	TALYS-6a	0		26
I-127(n,da)Sn-122	TALYS-6a	0	[8]	34
I-127(n,5n)I-123	TALYS-6a	0		15
I-127(n,6n)I-122	TALYS-6a	0		10
I-127(n,2nt)Te-123g	TALYS-6a	0		22
I-127(n,2nt)Te-123m	TALYS-6a	0		22
I-127(n,ta)Sn-121g	TALYS-6a	0		30
I-127(n,ta)Sn-121m	TALYS-6a	0		30
I-127(n,4np)Te-123g	TALYS-6a	0		15
I-127(n,4np)Te-123m	TALYS-6a	0		15
I-127(n,3nd)Te-123g	TALYS-6a	0		16
I-127(n,3nd)Te-123m	TALYS-6a	0		16
I-127(n,n'da)Sn-121g	TALYS-6a	0		23
I-127(n,n'da)Sn-121m	TALYS-6a	0		24
I-127(n,2npa)Sn-121g	TALYS-6a	0		22
I-127(n,2npa)Sn-121m	TALYS-6a	0		22
I-127(n,7n)I-121	TALYS-6a	0		6
I-127(n,5np)Te-122	TALYS-6a	0		12
I-127(n,6np)Te-121g	TALYS-6a	0		7
I-127(n,6np)Te-121m	TALYS-6a	0		7
I-127(n,4na)Sb-120g	TALYS-6a	0	[4,8]	16
I-127(n,4na)Sb-120m	TALYS-6a	0	[4,7,8,8]	15
+I-127(n,5na)Sb-119g	TALYS-6a	0	[4,8]	12
+I-127(n,5na)Sb-119m	TALYS-6a	0	[4,7,8,8]	11
I-127(n,6na)Sb-118g	TALYS-6a	0		7
I-127(n,6na)Sb-118m	TALYS-6a	0		7
I-127(n,4nd)Te-122	TALYS-6a	0		13
I-127(n,5nd)Te-121g	TALYS-6a	0		8
I-127(n,5nd)Te-121m	TALYS-6a	0		8
I-127(n,3nt)Te-122	TALYS-6a	0		16
I-127(n,4nt)Te-121g	TALYS-6a	0		11
I-127(n,4nt)Te-121m	TALYS-6a	0		10
I-127(n,5nt)Te-120	TALYS-6a	0	[8]	7
I-127(n,2nh)Sb-123	TALYS-6a	0	[8]	20
I-127(n,3nh)Sb-122g	TALYS-6a	0		14
I-127(n,3nh)Sb-122m	TALYS-6a	0		14
I-127(n,4nh)Sb-121	TALYS-6a	0	[8]	10
I-127(n,3n2p)Sb-123	TALYS-6a	0	[8]	14
I-127(n,3n2a)In-117g	TALYS-6a	0		15
I-127(n,3n2a)In-117m	TALYS-6a	0		14
I-127(n,3npa)Sn-120	TALYS-6a	0	[8]	16
I-127(n,n'pd)Sb-124g	TALYS-6a	0		20
I-127(n,n'pd)Sb-124m	TALYS-6a	0		20
I-127(n,n'pd)Sb-124n	TALYS-6a	0		20
I-127(n,n'pt)Sb-123	TALYS-6a	0	[8]	20
I-127(n,n'dt)Sb-122g	TALYS-6a	0		14
I-127(n,n'dt)Sb-122m	TALYS-6a	0		14
I-127(n,n'ph)Sn-123g	TALYS-6a	0		16
I-127(n,n'ph)Sn-123m	TALYS-6a	0		15
I-127(n,n'ta)Sn-120	TALYS-6a	0	[8]	23
I-127(n,2n2p)Sb-124g	TALYS-6a	0		19
I-127(n,2n2p)Sb-124m	TALYS-6a	0		19
I-127(n,2n2p)Sb-124n	TALYS-6a	0		19
I-127(n,4n2p)Sb-122g	TALYS-6a	0		10
I-127(n,4n2p)Sb-122m	TALYS-6a	0		10
I-127(n,4n2a)In-116g	TALYS-6a	0		10
I-127(n,4n2a)In-116m	TALYS-6a	0		10
I-127(n,4n2a)In-116n	TALYS-6a	0		10
I-127(n,4npa)Sn-119g	TALYS-6a	0		11
I-127(n,4npa)Sn-119m	TALYS-6a	0		11
I-128(n,2nd)Te-125g	TALYS-6a	0		25
I-128(n,2nd)Te-125m	TALYS-6a	0		25
I-128(n,2n)I-127	TALYS-6a	0		51
I-128(n,3n)I-126	TALYS-6a	0		30
I-128(n,n'a)Sb-124g	TALYS-6a	0		56
I-128(n,n'a)Sb-124m	TALYS-6a	0		56
I-128(n,n'a)Sb-124n	TALYS-6a	0		56
I-128(n,2na)Sb-123	TALYS-6a	0	[8]	37
I-128(n,3na)Sb-122g	TALYS-6a	0		25
I-128(n,3na)Sb-122m	TALYS-6a	0		25
I-128(n,n'p)Te-127g	TALYS-6a	0		48
I-128(n,n'p)Te-127m	TALYS-6a	0		47
I-128(n,n'2a)In-120g	TALYS-6a	0	[4]	27
I-128(n,n'2a)In-120m	TALYS-6a	0	[4,7,8]	27
I-128(n,n'2a)In-120n	TALYS-6a	0	[4,7,8]	26
I-128(n,2n2a)In-119g	TALYS-6a	0		22
I-128(n,2n2a)In-119m	TALYS-6a	0		20
I-128(n,n'd)Te-126	TALYS-6a	0	[8]	37
I-128(n,n't)Te-125g	TALYS-6a	0		31
I-128(n,n't)Te-125m	TALYS-6a	0		31
I-128(n,n'h)Sb-125	TALYS-6a	0	[8]	28
I-128(n,4n)I-125	TALYS-6a	0		23
I-128(n,2np)Te-126	TALYS-6a	0	[8]	34
I-128(n,3np)Te-125g	TALYS-6a	0		24
I-128(n,3np)Te-125m	TALYS-6a	0		23
I-128(n,n'2p)Sb-126g	TALYS-6a	0		27
I-128(n,n'2p)Sb-126m	TALYS-6a	0		27
I-128(n,n'2p)Sb-126n	TALYS-6a	0		27
I-128(n,n'pa)Sn-123g	TALYS-6a	0		30
I-128(n,n'pa)Sn-123m	TALYS-6a	0		30
>I-128(n,g)I-129	TALYS-6a	2	[14]	100
I-128(n,p)Te-128	TALYS-6a	0	[2]	100
I-128(n,d)Te-127g	TALYS-6a	0		57
I-128(n,d)Te-127m	TALYS-6a	0		56
I-128(n,t)Te-126	TALYS-6a	0	[8]	55
I-128(n,h)Sb-126g	TALYS-6a	0		36
I-128(n,h)Sb-126m	TALYS-6a	0		37
I-128(n,h)Sb-126n	TALYS-6a	0		37
I-128(n,a)Sb-125	TALYS-6a	0	[2]	100
I-128(n,2p)Sb-127	TALYS-6a	0	[8]	40
I-128(n,pa)Sn-124	TALYS-6a	0	[8]	49
I-128(n,pd)Sb-126g	TALYS-6a	0		28
I-128(n,pd)Sb-126m	TALYS-6a	0		28
I-128(n,pd)Sb-126n	TALYS-6a	0		28
I-128(n,pt)Sb-125	TALYS-6a	0	[8]	28
I-128(n,5n)I-124	TALYS-6a	0		15
I-128(n,6n)I-123	TALYS-6a	0		11
I-128(n,2nt)Te-124	TALYS-6a	0	[8]	24
I-128(n,ta)Sn-122	TALYS-6a	0	[8]	32
I-128(n,4np)Te-124	TALYS-6a	0	[8]	17
I-128(n,3nd)Te-124	TALYS-6a	0	[8]	19
I-128(n,n'da)Sn-122	TALYS-6a	0	[8]	25
I-128(n,2npa)Sn-122	TALYS-6a	0	[8]	24
I-128(n,7n)I-122	TALYS-6a	0		6
I-128(n,5np)Te-123g	TALYS-6a	0		12
I-128(n,5np)Te-123m	TALYS-6a	0		12
I-128(n,6np)Te-122	TALYS-6a	0		9
I-128(n,4na)Sb-121	TALYS-6a	0	[8]	18
I-128(n,5na)Sb-120g	TALYS-6a	0	[4,8]	12

I-128(n,5na)Sb-120m	TALYS-6a	0	[4,7,8,8]	11	I-129(n,5nt)Te-122	TALYS-6a	0	[8]	8
+I-128(n,6na)Sb-119g	TALYS-6a	0	[4,8]	9	I-129(n,2nh)Sb-125	TALYS-6a	0	[8]	19
+I-128(n,6na)Sb-119m	TALYS-6a	0	[4,7,8,8]	7	I-129(n,3nh)Sb-124g	TALYS-6a	0		14
I-128(n,4nd)Te-123g	TALYS-6a	0		13	I-129(n,3nh)Sb-124m	TALYS-6a	0		14
I-128(n,4nd)Te-123m	TALYS-6a	0		13	I-129(n,3nh)Sb-124n	TALYS-6a	0		14
I-128(n,5nd)Te-122	TALYS-6a	0	[8]	9	I-129(n,4nh)Sb-123	TALYS-6a	0	[8]	10
I-128(n,3nt)Te-123g	TALYS-6a	0		16	I-129(n,3n2p)Sb-125	TALYS-6a	0	[8]	14
I-128(n,3nt)Te-123m	TALYS-6a	0		15	I-129(n,3n2a)In-119g	TALYS-6a	0		14
I-128(n,4nt)Te-122	TALYS-6a	0	[8]	12	I-129(n,3n2a)In-119m	TALYS-6a	0		13
I-128(n,5nt)Te-121g	TALYS-6a	0		7	I-129(n,3npa)Sn-122	TALYS-6a	0	[8]	16
I-128(n,5nt)Te-121m	TALYS-6a	0		7	I-129(n,n'pd)Sb-126g	TALYS-6a	0		19
I-128(n,2nh)Sb-124g	TALYS-6a	0		19	I-129(n,n'pd)Sb-126m	TALYS-6a	0		19
I-128(n,2nh)Sb-124m	TALYS-6a	0		19	I-129(n,n'pd)Sb-126n	TALYS-6a	0		19
I-128(n,2nh)Sb-124n	TALYS-6a	0		19	I-129(n,n'pt)Sb-125	TALYS-6a	0	[8]	19
I-128(n,3nh)Sb-123	TALYS-6a	0	[8]	15	I-129(n,n'dt)Sb-124g	TALYS-6a	0		14
I-128(n,4nh)Sb-122g	TALYS-6a	0		10	I-129(n,n'dt)Sb-124m	TALYS-6a	0		14
I-128(n,4nh)Sb-122m	TALYS-6a	0		10	I-129(n,n'dt)Sb-124n	TALYS-6a	0		14
I-128(n,3n2p)Sb-124g	TALYS-6a	0		14	I-129(n,n'ta)Sn-122	TALYS-6a	0	[8]	22
I-128(n,3n2p)Sb-124m	TALYS-6a	0		14	I-129(n,2n2p)Sb-126g	TALYS-6a	0		18
I-128(n,3n2p)Sb-124n	TALYS-6a	0		14	I-129(n,2n2p)Sb-126m	TALYS-6a	0		18
I-128(n,3n2a)In-118g	TALYS-6a	0		14	I-129(n,2n2p)Sb-126n	TALYS-6a	0		18
I-128(n,3n2a)In-118m	TALYS-6a	0		14	I-129(n,4n2p)Sb-124g	TALYS-6a	0		10
I-128(n,3n2a)In-118n	TALYS-6a	0		14	I-129(n,4n2p)Sb-124m	TALYS-6a	0		10
I-128(n,3npa)Sn-121g	TALYS-6a	0		16	I-129(n,4n2p)Sb-124n	TALYS-6a	0		10
I-128(n,3npa)Sn-121m	TALYS-6a	0		16	I-129(n,4npa)Sn-121g	TALYS-6a	0		11
I-128(n,n'pd)Sb-125	TALYS-6a	0	[8]	22	I-129(n,4npa)Sn-121m	TALYS-6a	0		11
I-128(n,n'pt)Sb-124g	TALYS-6a	0		19	I-130(n,n')I-130m	TALYS-6a	0		91
I-128(n,n'pt)Sb-124m	TALYS-6a	0		19	I-130(n,2nd)Te-127g	TALYS-6a	0		25
I-128(n,n'pt)Sb-124n	TALYS-6a	0		19	I-130(n,2nd)Te-127m	TALYS-6a	0		25
I-128(n,n'dt)Sb-123	TALYS-6a	0	[8]	15	I-130(n,2n)I-129	TALYS-6a	0		53
I-128(n,n'ta)Sn-121g	TALYS-6a	0		22	I-130(n,3n)I-128	TALYS-6a	0		31
I-128(n,n'ta)Sn-121m	TALYS-6a	0		23	I-130(n,n'a)Sb-126g	TALYS-6a	0		54
I-128(n,2n2p)Sb-125	TALYS-6a	0	[8]	21	I-130(n,n'a)Sb-126m	TALYS-6a	0		54
I-128(n,4n2p)Sb-123	TALYS-6a	0	[8]	11	I-130(n,n'a)Sb-126n	TALYS-6a	0		54
I-128(n,4n2a)In-117g	TALYS-6a	0		11	I-130(n,2na)Sb-125	TALYS-6a	0	[8]	36
I-128(n,4n2a)In-117m	TALYS-6a	0		11	I-130(n,3na)Sb-124g	TALYS-6a	0		25
I-128(n,4npa)Sn-120	TALYS-6a	0	[8]	12	I-130(n,3na)Sb-124m	TALYS-6a	0		25
I-129(n,2nd)Te-126	TALYS-6a	0	[8]	25	I-130(n,3na)Sb-124n	TALYS-6a	0		25
I-129(n,2n)I-128	JEF-2.2	2	[13,3,7,8]	39	I-130(n,n'p)Te-129g	TALYS-6a	0		45
I-129(n,3n)I-127	TALYS-6a	0		31	I-130(n,n'p)Te-129m	TALYS-6a	0		45
I-129(n,n'a)Sb-125	TALYS-6a	0	[8]	56	I-130(n,n'2a)In-122g	TALYS-6a	0	[4]	24
I-129(n,2na)Sb-124g	TALYS-6a	0		32	I-130(n,n'2a)In-122m	TALYS-6a	0	[4,7,8]	24
I-129(n,2na)Sb-124m	TALYS-6a	0		32	I-130(n,n'2a)In-122n	TALYS-6a	0	[4,7,8]	23
I-129(n,2na)Sb-124n	TALYS-6a	0		32	I-130(n,2n2a)In-121g	TALYS-6a	0		19
I-129(n,3na)Sb-123	TALYS-6a	0	[8]	25	I-130(n,2n2a)In-121m	TALYS-6a	0		18
I-129(n,n'p)Te-128	TALYS-6a	0	[8]	47	I-130(n,n'd)Te-128	TALYS-6a	0	[8]	36
I-129(n,n'2a)In-121g	TALYS-6a	0		26	I-130(n,n't)Te-127g	TALYS-6a	0		31
I-129(n,n'2a)In-121m	TALYS-6a	0		25	I-130(n,n't)Te-127m	TALYS-6a	0		31
I-129(n,2n2a)In-120g	TALYS-6a	0	[4]	17	I-130(n,n'h)Sb-127	TALYS-6a	0	[8]	27
I-129(n,2n2a)In-120m	TALYS-6a	0	[4,7,8]	17	I-130(n,4n)I-127	TALYS-6a	0		24
I-129(n,2n2a)In-120n	TALYS-6a	0	[4,7,8]	16	I-130(n,2np)Te-128	TALYS-6a	0	[8]	33
I-129(n,n'd)Te-127g	TALYS-6a	0		32	I-130(n,3np)Te-127g	TALYS-6a	0		24
I-129(n,n'd)Te-127m	TALYS-6a	0		32	I-130(n,3np)Te-127m	TALYS-6a	0		24
I-129(n,n't)Te-126	TALYS-6a	0	[8]	31	I-130(n,n'2p)Sb-128g	TALYS-6a	0	[4,8]	26
I-129(n,n'h)Sb-126g	TALYS-6a	0		25	I-130(n,n'2p)Sb-128m	TALYS-6a	0	[4,7,8,8]	25
I-129(n,n'h)Sb-126m	TALYS-6a	0		25	I-130(n,n'pa)Sn-125g	TALYS-6a	0		29
I-129(n,n'h)Sb-126n	TALYS-6a	0		25	I-130(n,n'pa)Sn-125m	TALYS-6a	0		28
I-129(n,4n)I-126	TALYS-6a	0	[8]	21	>I-130(n,g)I-131	TALYS-6a	2	[14]	100
I-129(n,2np)Te-127g	TALYS-6a	0		30	I-130(n,p)Te-130	TALYS-6a	0	[2]	100
I-129(n,2np)Te-127m	TALYS-6a	0		30	I-130(n,d)Te-129g	TALYS-6a	0		54
I-129(n,3np)Te-126	TALYS-6a	0		24	I-130(n,d)Te-129m	TALYS-6a	0		54
I-129(n,n'2p)Sb-127	TALYS-6a	0	[8]	26	I-130(n,t)Te-128	TALYS-6a	0	[8]	54
I-129(n,n'pa)Sn-124	TALYS-6a	0	[8]	30	I-130(n,h)Sb-128g	TALYS-6a	0	[4,8]	34
I-129(n,g)I-130g	JEF-2.2	2	[13,4,6]		I-130(n,h)Sb-128m	TALYS-6a	0	[4,7,8,8]	33
23574					I-130(n,a)Sb-127	TALYS-6a	0	[2]	100
I-129(n,g)I-130m	JEF-2.2	2	[13,4,6]		I-130(n,2p)Sb-129g	TALYS-6a	0	[4,8]	37
23574					I-130(n,2p)Sb-129m	TALYS-6a	0	[4,7,8,8]	36
I-129(n,p)Te-129g	TALYS-6a	4	[3]	78	I-130(n,pa)Sn-126	TALYS-6a	0	[8]	43
I-129(n,p)Te-129m	TALYS-6a	4	[3]	78	I-130(n,pd)Sb-128g	TALYS-6a	0	[4,8]	27
I-129(n,d)Te-128	TALYS-6a	0	[8]	57	I-130(n,pd)Sb-128m	TALYS-6a	0	[4,7,8,8]	26
I-129(n,t)Te-127g	TALYS-6a	0		44	I-130(n,5n)I-126	TALYS-6a	0		16
I-129(n,t)Te-127m	TALYS-6a	0		44	I-130(n,6n)I-125	TALYS-6a	0		12
I-129(n,h)Sb-127	TALYS-6a	0	[8]	36	I-130(n,2nt)Te-126	TALYS-6a	0	[8]	25
I-129(n,a)Sb-126g	TALYS-5	4	[9,2,3]		I-130(n,4np)Te-126	TALYS-6a	0	[8]	17
23556					I-130(n,3nd)Te-126	TALYS-6a	0	[8]	19
I-129(n,a)Sb-126m	TALYS-5	4	[9,2,3]		I-130(n,n'da)Sn-124	TALYS-6a	0	[8]	24
23556					I-130(n,2npa)Sn-124	TALYS-6a	0	[8]	23
I-129(n,a)Sb-126n	TALYS-6a	0	[9,2,3]		I-130(n,7n)I-124	TALYS-6a	0		7
23556					I-130(n,8n)I-123	TALYS-6a	0		4
I-129(n,2p)Sb-128g	TALYS-6a	0	[4,8]	31	I-130(n,5np)Te-125g	TALYS-6a	0		12
I-129(n,2p)Sb-128m	TALYS-6a	0	[4,7,8,8]	30	I-130(n,5np)Te-125m	TALYS-6a	0		12
I-129(n,pd)Sb-127	TALYS-6a	0	[8]	28	I-130(n,6np)Te-124	TALYS-6a	0		9
I-129(n,5n)I-125	TALYS-6a	0		15	I-130(n,4na)Sb-123	TALYS-6a	0	[8]	18
I-129(n,6n)I-124	TALYS-6a	0		11	I-130(n,5na)Sb-122g	TALYS-6a	0		13
I-129(n,2nt)Te-125g	TALYS-6a	0		22	I-130(n,5na)Sb-122m	TALYS-6a	0		13
I-129(n,2nt)Te-125m	TALYS-6a	0		22	I-130(n,6na)Sb-121	TALYS-6a	0	[8]	9
I-129(n,4np)Te-125g	TALYS-6a	0		16	I-130(n,4nd)Te-125g	TALYS-6a	0		13
I-129(n,4np)Te-125m	TALYS-6a	0		16	I-130(n,4nd)Te-125m	TALYS-6a	0		13
I-129(n,3nd)Te-125g	TALYS-6a	0		16	I-130(n,5nd)Te-124	TALYS-6a	0		10
I-129(n,3nd)Te-125m	TALYS-6a	0		16	I-130(n,6nd)Te-123g	TALYS-6a	0		5
I-129(n,n'da)Sn-123g	TALYS-6a	0		23	I-130(n,6nd)Te-123m	TALYS-6a	0		5
I-129(n,n'da)Sn-123m	TALYS-6a	0		22	I-130(n,3nt)Te-125g	TALYS-6a	0		16
I-129(n,2npa)Sn-123g	TALYS-6a	0		21	I-130(n,3nt)Te-125m	TALYS-6a	0		16
I-129(n,2npa)Sn-123m	TALYS-6a	0		21	I-130(n,4nt)Te-124	TALYS-6a	0	[8]	13
I-129(n,7n)I-123	TALYS-6a	0		7	I-130(n,5nt)Te-123g	TALYS-6a	0		8
I-129(n,5np)Te-124	TALYS-6a	0	[8]	12	I-130(n,5nt)Te-123m	TALYS-6a	0		8
I-129(n,6np)Te-123g	TALYS-6a	0		8	I-130(n,2nh)Sb-126g	TALYS-6a	0		19
I-129(n,6np)Te-123m	TALYS-6a	0		8	I-130(n,2nh)Sb-126m	TALYS-6a	0		19
I-129(n,4na)Sb-122g	TALYS-6a	0		16	I-130(n,2nh)Sb-126n	TALYS-6a	0		19
I-129(n,4na)Sb-122m	TALYS-6a	0		16	I-130(n,3nh)Sb-125	TALYS-6a	0	[8]	15
I-129(n,5na)Sb-121	TALYS-6a	0	[8]	13	I-130(n,4nh)Sb-124g	TALYS-6a	0		10
I-129(n,6na)Sb-120g	TALYS-6a	0	[4,8]	8	I-130(n,4nh)Sb-124m	TALYS-6a	0		10
I-129(n,6na)Sb-120m	TALYS-6a	0	[4,7,8,8]	7	I-130(n,4nh)Sb-124n	TALYS-6a	0		10
I-129(n,4nd)Te-124	TALYS-6a	0	[8]	13	I-130(n,3n2p)Sb-126g	TALYS-6a	0		14
I-129(n,5nd)Te-123g	TALYS-6a	0		8	I-130(n,3n2p)Sb-126m	TALYS-6a	0		14
I-129(n,5nd)Te-123m	TALYS-6a	0		8	I-130(n,3n2p)Sb-126n	TALYS-6a	0		14
I-129(n,3nt)Te-124	TALYS-6a	0	[8]	16	I-130(n,3n2a)In-120g	TALYS-6a	0	[4]	13
I-129(n,4nt)Te-123g	TALYS-6a	0		11	I-130(n,3n2a)In-120m	TALYS-6a	0	[4,7,8]	13
I-129(n,4nt)Te-123m	TALYS-6a	0		11	I-130(n,3n2a)In-120n	TALYS-6a	0	[4,7,8]	12

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I-130(n,3npa)Sn-123g      TALYS-6a      0                15    I-131(n,4n2a)In-120m      TALYS-6a      0 [4,7,8]          9
I-130(n,3npa)Sn-123m      TALYS-6a      0                15    I-131(n,4n2a)In-120n      TALYS-6a      0 [4,7,8]          8
I-130(n,n'pd)Sb-127       TALYS-6a      0 [8]            21    I-131(n,4npa)Sn-123g      TALYS-6a      0                11
I-130(n,n'pt)Sb-126g      TALYS-6a      0                19    I-131(n,4npa)Sn-123m      TALYS-6a      0                10
I-130(n,n'pt)Sb-126m      TALYS-6a      0                19    I-133(n,n')I-133m         TALYS-6a      0                77
I-130(n,n'pt)Sb-126n      TALYS-6a      0                19    I-133(n,2nd)Te-130        TALYS-6a      0 [8]            25
I-130(n,n'dt)Sb-125       TALYS-6a      0 [8]            15    I-133(n,2n)I-132g         TALYS-6a      0                45
I-130(n,n'ta)Sn-123g      TALYS-6a      0                22    I-133(n,2n)I-132m         TALYS-6a      0                45
I-130(n,n'ta)Sn-123m      TALYS-6a      0                21    I-133(n,3n)I-131          TALYS-6a      0                32
I-130(n,2n2p)Sb-127       TALYS-6a      0 [8]            20    I-133(n,n'a)Sb-129g       TALYS-6a      0 [4,8]          51
I-130(n,4n2p)Sb-125       TALYS-6a      0 [8]            11    I-133(n,n'a)Sb-129m       TALYS-6a      0 [4,7,8,8]      50
I-130(n,4n2a)In-119g      TALYS-6a      0                10    I-133(n,2na)Sb-128g       TALYS-6a      0 [4,8]          30
I-130(n,4n2a)In-119m      TALYS-6a      0                10    I-133(n,2na)Sb-128m       TALYS-6a      0 [4,7,8,8]      29
I-130(n,4npa)Sn-122       TALYS-6a      0 [8]            12    I-133(n,3na)Sb-127        TALYS-6a      0 [8]            25
I-131(n,2nd)Te-128        TALYS-6a      0 [8]            25    I-133(n,n'p)Te-132        TALYS-6a      0 [8]            44
I-131(n,2n)I-130g         TALYS-6a      0                44    I-133(n,2n2a)In-124g      TALYS-6a      0                15
I-131(n,2n)I-130m         TALYS-6a      0                44    I-133(n,2n2a)In-124m      TALYS-6a      0                15
I-131(n,3n)I-129          TALYS-6a      0                31    I-133(n,n'd)Te-131g       TALYS-6a      0                31
I-131(n,n'a)Sb-127        TALYS-6a      0 [8]            53    I-133(n,n'd)Te-131m       TALYS-6a      0                31
I-131(n,2na)Sb-126g       TALYS-6a      0                31    I-133(n,n't)Te-130        TALYS-6a      0 [8]            31
I-131(n,2na)Sb-126m       TALYS-6a      0                31    I-133(n,n'h)Sb-130g       TALYS-6a      0                24
I-131(n,2na)Sb-126n       TALYS-6a      0                31    I-133(n,n'h)Sb-130m       TALYS-6a      0                24
I-131(n,3na)Sb-125        TALYS-6a      0 [8]            25    I-133(n,4n)I-130g         TALYS-6a      0                23
I-131(n,n'p)Te-130        TALYS-6a      0 [8]            45    I-133(n,4n)I-130m         TALYS-6a      0                23
I-131(n,n'2a)In-123g      TALYS-6a      0                24    I-133(n,2np)Te-131g       TALYS-6a      0                30
I-131(n,n'2a)In-123m      TALYS-6a      0                23    I-133(n,2np)Te-131m       TALYS-6a      0                29
I-131(n,2n2a)In-122g      TALYS-6a      0 [4]            16    I-133(n,3np)Te-130        TALYS-6a      0                24
I-131(n,2n2a)In-122m      TALYS-6a      0 [4,7,8]        15    I-133(n,n'2p)Sb-131       TALYS-6a      0 [8]            24
I-131(n,2n2a)In-122n      TALYS-6a      0 [4,7,8]        15    I-133(n,n'pa)Sn-128g      TALYS-6a      0                27
I-131(n,n'd)Te-129g       TALYS-6a      0                32    I-133(n,n'pa)Sn-128m      TALYS-6a      0                24
I-131(n,n'd)Te-129m       TALYS-6a      0                31    I-133(n,g)I-134g          MASGAM       0 [14,13,4,6]    83
I-131(n,n't)Te-128        TALYS-6a      0 [8]            31    I-133(n,g)I-134m          MASGAM       0 [14,7,13,4,6]  83
I-131(n,n'h)Sb-128g       TALYS-6a      0 [4,8]          25    I-133(n,p)Te-133g         TALYS-6a      0 [2]            71
I-131(n,n'h)Sb-128m       TALYS-6a      0 [4,7,8,8]      24    I-133(n,p)Te-133m         TALYS-6a      0 [2]            70
I-131(n,4n)I-128          TALYS-6a      0                22    I-133(n,d)Te-132          TALYS-6a      0 [8]            51
I-131(n,2np)Te-129g       TALYS-6a      0                30    I-133(n,t)Te-131g         TALYS-6a      0                43
I-131(n,2np)Te-129m       TALYS-6a      0                30    I-133(n,t)Te-131m         TALYS-6a      0                43
I-131(n,3np)Te-128        TALYS-6a      0                24    I-133(n,h)Sb-131          TALYS-6a      0 [8]            32
I-131(n,n'2p)Sb-129g      TALYS-6a      0 [4,8]          25    I-133(n,a)Sb-130g         TALYS-6a      0 [2]            100
I-131(n,n'2p)Sb-129m      TALYS-6a      0 [4,7,8,8]      24    I-133(n,a)Sb-130m         TALYS-6a      0 [2]            100
I-131(n,n'pa)Sn-126       TALYS-6a      0 [8]            28    I-133(n,2p)Sb-132g        TALYS-6a      0 [4,8,7,8]      30
>I-131(n,g)I-132g         TALYS-6a      0                100   I-133(n,2p)Sb-132m        TALYS-6a      0 [4,7,8,8]      30
>I-131(n,g)I-132m         TALYS-6a      0                100   I-133(n,pd)Sb-131         TALYS-6a      0 [8]            26
I-131(n,p)Te-131g         TALYS-6a      0 [2]            75    I-133(n,5n)I-129          TALYS-6a      0                17
I-131(n,p)Te-131m         TALYS-6a      0 [2]            74    I-133(n,6n)I-128          TALYS-6a      0                12
I-131(n,d)Te-130          TALYS-6a      0 [8]            54    I-133(n,2nt)Te-129g       TALYS-6a      0                23
I-131(n,t)Te-129g         TALYS-6a      0                44    I-133(n,2nt)Te-129m       TALYS-6a      0                23
I-131(n,t)Te-129m         TALYS-6a      0                44    I-133(n,4np)Te-129g       TALYS-6a      0                16
I-131(n,h)Sb-129g         TALYS-6a      0 [4,8]          34    I-133(n,4np)Te-129m       TALYS-6a      0                16
I-131(n,h)Sb-129m         TALYS-6a      0 [4,7,8,8]      33    I-133(n,3nd)Te-129g       TALYS-6a      0                17
I-131(n,a)Sb-128g         TALYS-6a      0 [4,2]          100   I-133(n,3nd)Te-129m       TALYS-6a      0                17
I-131(n,a)Sb-128m         TALYS-6a      0 [4,7,2]        100   I-133(n,n'da)Sn-127g      TALYS-6a      0                20
I-131(n,2p)Sb-130g        TALYS-6a      0                31    I-133(n,n'da)Sn-127m      TALYS-6a      0                19
I-131(n,2p)Sb-130m        TALYS-6a      0                31    I-133(n,2npa)Sn-127g      TALYS-6a      0                18
I-131(n,pd)Sb-129g        TALYS-6a      0 [4,8]          27    I-133(n,2npa)Sn-127m      TALYS-6a      0                18
I-131(n,pd)Sb-129m        TALYS-6a      0 [4,7,8,8]      26    I-133(n,7n)I-127          TALYS-6a      0                9
I-131(n,5n)I-127          TALYS-6a      0                16    I-133(n,8n)I-126          TALYS-6a      0                4
I-131(n,6n)I-126          TALYS-6a      0                11    I-133(n,5np)Te-128        TALYS-6a      0                13
I-131(n,2nt)Te-127g       TALYS-6a      0                22    I-133(n,6np)Te-127g       TALYS-6a      0                8
I-131(n,2nt)Te-127m       TALYS-6a      0                22    I-133(n,6np)Te-127m       TALYS-6a      0                9
I-131(n,4np)Te-127g       TALYS-6a      0                16    I-133(n,4na)Sb-126g       TALYS-6a      0                16
I-131(n,4np)Te-127m       TALYS-6a      0                16    I-133(n,4na)Sb-126m       TALYS-6a      0                16
I-131(n,3nd)Te-127g       TALYS-6a      0                17    I-133(n,4na)Sb-126n       TALYS-6a      0                16
I-131(n,3nd)Te-127m       TALYS-6a      0                17    I-133(n,5na)Sb-125        TALYS-6a      0 [8]            13
I-131(n,n'da)Sn-125g      TALYS-6a      0                21    I-133(n,6na)Sb-124g       TALYS-6a      0                8
I-131(n,n'da)Sn-125m      TALYS-6a      0                21    I-133(n,6na)Sb-124m       TALYS-6a      0                8
I-131(n,2npa)Sn-125g      TALYS-6a      0                20    I-133(n,6na)Sb-124n       TALYS-6a      0                9
I-131(n,2npa)Sn-125m      TALYS-6a      0                19    I-133(n,4nd)Te-128        TALYS-6a      0                14
I-131(n,7n)I-125          TALYS-6a      0                8     I-133(n,5nd)Te-127g       TALYS-6a      0                9
I-131(n,8n)I-124          TALYS-6a      0                3     I-133(n,5nd)Te-127m       TALYS-6a      0                9
I-131(n,5np)Te-126        TALYS-6a      0                13    I-133(n,6nd)Te-126        TALYS-6a      0 [8]            6
I-131(n,6np)Te-125g       TALYS-6a      0                8     I-133(n,3nt)Te-128        TALYS-6a      0 [8]            16
I-131(n,6np)Te-125m       TALYS-6a      0                8     I-133(n,4nt)Te-127g       TALYS-6a      0                12
I-131(n,4na)Sb-124g       TALYS-6a      0                16    I-133(n,4nt)Te-127m       TALYS-6a      0                12
I-131(n,4na)Sb-124m       TALYS-6a      0                16    I-133(n,5nt)Te-126        TALYS-6a      0 [8]            9
I-131(n,4na)Sb-124n       TALYS-6a      0                16    I-133(n,2nh)Sb-129g       TALYS-6a      0 [4,8]          18
I-131(n,5na)Sb-123        TALYS-6a      0 [8]            13    I-133(n,2nh)Sb-129m       TALYS-6a      0 [4,7,8,8]      17
I-131(n,6na)Sb-122g       TALYS-6a      0                8     I-133(n,3nh)Sb-128g       TALYS-6a      0 [4,8]          13
I-131(n,6na)Sb-122m       TALYS-6a      0                8     I-133(n,3nh)Sb-128m       TALYS-6a      0 [4,7,8,8]      12
I-131(n,4nd)Te-126        TALYS-6a      0 [8]            13    I-133(n,4nh)Sb-127        TALYS-6a      0 [8]            10
I-131(n,5nd)Te-125g       TALYS-6a      0                9     I-133(n,3n2p)Sb-129g      TALYS-6a      0 [4,8]          13
I-131(n,5nd)Te-125m       TALYS-6a      0                9     I-133(n,3n2p)Sb-129m      TALYS-6a      0 [4,7,8,8]      12
I-131(n,6nd)Te-124        TALYS-6a      0 [8]            5     I-133(n,3n2a)In-123g      TALYS-6a      0                12
I-131(n,3nt)Te-126        TALYS-6a      0 [8]            16    I-133(n,3n2a)In-123m      TALYS-6a      0                12
I-131(n,4nt)Te-125g       TALYS-6a      0                12    I-133(n,3npa)Sn-126       TALYS-6a      0 [8]            15
I-131(n,4nt)Te-125m       TALYS-6a      0                12    I-133(n,n'pd)Sb-130g      TALYS-6a      0                18
I-131(n,5nt)Te-124        TALYS-6a      0 [8]            8     I-133(n,n'pd)Sb-130m      TALYS-6a      0                18
I-131(n,2nh)Sb-127        TALYS-6a      0 [8]            19    I-133(n,n'pt)Sb-129g      TALYS-6a      0 [4,8]          18
I-131(n,3nh)Sb-126g       TALYS-6a      0                13    I-133(n,n'pt)Sb-129m      TALYS-6a      0 [4,7,8,8]      17
I-131(n,3nh)Sb-126m       TALYS-6a      0                13    I-133(n,n'ta)Sn-126       TALYS-6a      0 [8]            21
I-131(n,3nh)Sb-126n       TALYS-6a      0                13    I-133(n,2n2p)Sb-130g      TALYS-6a      0                16
I-131(n,4nh)Sb-125        TALYS-6a      0 [8]            10    I-133(n,2n2p)Sb-130m      TALYS-6a      0                16
I-131(n,3n2p)Sb-127       TALYS-6a      0 [8]            14    I-133(n,4n2p)Sb-128g      TALYS-6a      0 [4,8]          9
I-131(n,3n2a)In-121g      TALYS-6a      0                13    I-133(n,4n2p)Sb-128m      TALYS-6a      0 [4,7,8,8]      8
I-131(n,3n2a)In-121m      TALYS-6a      0                13    I-133(n,4npa)Sn-125g      TALYS-6a      0                10
I-131(n,3npa)Sn-124       TALYS-6a      0 [8]            15    I-133(n,4npa)Sn-125m      TALYS-6a      0                10
I-131(n,n'pd)Sb-128g      TALYS-6a      0 [4,8]          19    I-135(n,2nd)Te-132        TALYS-6a      0 [8]            25
I-131(n,n'pd)Sb-128m      TALYS-6a      0 [4,7,8,8]      18    I-135(n,2n)I-134g         TALYS-6a      0                46
I-131(n,n'pt)Sb-127       TALYS-6a      0 [8]            19    I-135(n,2n)I-134m         TALYS-6a      0                45
I-131(n,n'dt)Sb-126g      TALYS-6a      0                14    I-135(n,3n)I-133g         TALYS-6a      0 [4]            33
I-131(n,n'dt)Sb-126m      TALYS-6a      0                14    I-135(n,3n)I-133m         TALYS-6a      0 [4,7,8]        30
I-131(n,n'dt)Sb-126n      TALYS-6a      0                14    I-135(n,n'a)Sb-131        TALYS-6a      0 [8]            48
I-131(n,n'ta)Sn-124       TALYS-6a      0 [8]            21    I-135(n,2na)Sb-130g       TALYS-6a      0                31
I-131(n,2n2p)Sb-128g      TALYS-6a      0 [4,8]          17    I-135(n,2na)Sb-130m       TALYS-6a      0                31
I-131(n,2n2p)Sb-128m      TALYS-6a      0 [4,7,8,8]      16    I-135(n,3na)Sb-129g       TALYS-6a      0 [4,8]          25
I-131(n,4n2p)Sb-126g      TALYS-6a      0                9     I-135(n,3na)Sb-129m       TALYS-6a      0 [4,7,8,8]      24
I-131(n,4n2p)Sb-126m      TALYS-6a      0                9     I-135(n,n'p)Te-134        TALYS-6a      0 [8]            42
I-131(n,4n2p)Sb-126n      TALYS-6a      0                9     I-135(n,n'd)Te-133g       TALYS-6a      0                31
I-131(n,4n2a)In-120g      TALYS-6a      0 [4]            9     I-135(n,n'd)Te-133m       TALYS-6a      0                31
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Reaction	Library		Refs	Value
I-135(n,n't)Te-132	TALYS-6a	0	[8]	31
I-135(n,n'h)Sb-132g	TALYS-6a	0	[4,8,7,8]	23
I-135(n,n'h)Sb-132m	TALYS-6a	0	[4,7,8,8]	23
I-135(n,4n)I-132g	TALYS-6a	0		24
I-135(n,4n)I-132m	TALYS-6a	0		24
I-135(n,2np)Te-133g	TALYS-6a	0		29
I-135(n,2np)Te-133m	TALYS-6a	0		29
I-135(n,3np)Te-132	TALYS-6a	0	[8]	23
I-135(n,n'2p)Sb-133	TALYS-6a	0	[8]	23
I-135(n,g)I-136g	TALYS-6a	0	[14]	100
I-135(n,g)I-136m	TALYS-6a	0	[14]	100
I-135(n,p)Te-135	TALYS-6a	0	[2,8]	56
I-135(n,d)Te-134	TALYS-6a	0	[8]	47
I-135(n,t)Te-133g	TALYS-6a	0		43
I-135(n,t)Te-133m	TALYS-6a	0		42
I-135(n,h)Sb-133	TALYS-6a	0	[8]	31
I-135(n,a)Sb-132g	TALYS-6a	0	[7,4,2]	100
I-135(n,a)Sb-132m	TALYS-6a	0	[4,7,2]	100
I-135(n,pd)Sb-133	TALYS-6a	0	[8]	25
I-135(n,5n)I-131	TALYS-6a	0		18
I-135(n,6n)I-130g	TALYS-6a	0		13
I-135(n,6n)I-130m	TALYS-6a	0		13
I-135(n,2nt)Te-131g	TALYS-6a	0		23
I-135(n,2nt)Te-131m	TALYS-6a	0		23
I-135(n,4np)Te-131g	TALYS-6a	0		16
I-135(n,4np)Te-131m	TALYS-6a	0		16
I-135(n,3nd)Te-131g	TALYS-6a	0		17
I-135(n,3nd)Te-131m	TALYS-6a	0		17
I-135(n,2npa)Sn-129g	TALYS-6a	0		17
I-135(n,2npa)Sn-129m	TALYS-6a	0		17
I-135(n,7n)I-129	TALYS-6a	0		9
I-135(n,8n)I-128	TALYS-6a	0		5
I-135(n,5np)Te-130	TALYS-6a	0		13
I-135(n,6np)Te-129g	TALYS-6a	0		9
I-135(n,6np)Te-129m	TALYS-6a	0		9
I-135(n,4na)Sb-128g	TALYS-6a	0	[4,8]	16
I-135(n,4na)Sb-128m	TALYS-6a	0	[4,7,8,8]	15
I-135(n,5na)Sb-127	TALYS-6a	0	[8]	13
I-135(n,6na)Sb-126g	TALYS-6a	0		9
I-135(n,6na)Sb-126m	TALYS-6a	0		9
I-135(n,6na)Sb-126n	TALYS-6a	0		9
I-135(n,4nd)Te-130	TALYS-6a	0		14
I-135(n,5nd)Te-129g	TALYS-6a	0		10
I-135(n,5nd)Te-129m	TALYS-6a	0		10
I-135(n,6nd)Te-128	TALYS-6a	0	[8]	6
I-135(n,3nt)Te-130	TALYS-6a	0	[8]	17
I-135(n,4nt)Te-129g	TALYS-6a	0		12
I-135(n,4nt)Te-129m	TALYS-6a	0		12
I-135(n,5nt)Te-128	TALYS-6a	0	[8]	9
I-135(n,2nh)Sb-131	TALYS-6a	0	[8]	18
I-135(n,3nh)Sb-130g	TALYS-6a	0		13
I-135(n,3nh)Sb-130m	TALYS-6a	0		13
I-135(n,4nh)Sb-129g	TALYS-6a	0	[4,8]	10
I-135(n,4nh)Sb-129m	TALYS-6a	0	[4,7,8,8]	9
I-135(n,3n2p)Sb-131	TALYS-6a	0	[8]	13
I-135(n,3npa)Sn-128g	TALYS-6a	0		14
I-135(n,3npa)Sn-128m	TALYS-6a	0		13
I-135(n,n'pd)Sb-132g	TALYS-6a	0	[4,8,7,8]	17
I-135(n,n'pd)Sb-132m	TALYS-6a	0	[4,7,8,8]	17
I-135(n,n'pt)Sb-131	TALYS-6a	0	[8]	17
I-135(n,2n2p)Sb-132g	TALYS-6a	0	[4,8,7,8]	16
I-135(n,2n2p)Sb-132m	TALYS-6a	0	[4,7,8,8]	16
I-135(n,4n2p)Sb-130g	TALYS-6a	0		9
I-135(n,4n2p)Sb-130m	TALYS-6a	0		9
Xe-122(n,2nd)I-119	TALYS-6a	0	[8,7,8]	22
Xe-122(n,2n)Xe-121	TALYS-6a	0		40
Xe-122(n,3n)Xe-120	TALYS-6a	0		27
Xe-122(n,n'a)Te-118	TALYS-6a	0	[7]	100
Xe-122(n,n'3a)Cd-110	TALYS-6a	0	[8,7,8]	25
Xe-122(n,2na)Te-117g	TALYS-6a	0		33
Xe-122(n,2na)Te-117m	TALYS-6a	0		33
Xe-122(n,3na)Te-116	TALYS-6a	0	[8,7,8]	24
Xe-122(n,n'p)I-121	TALYS-6a	0	[8]	51
Xe-122(n,n'2a)Sn-114	TALYS-6a	0		100
Xe-122(n,2n2a)Sn-113g	TALYS-6a	0		27
Xe-122(n,2n2a)Sn-113m	TALYS-6a	0		27
Xe-122(n,n'd)I-120g	TALYS-6a	0	[4,8]	31
Xe-122(n,n'd)I-120m	TALYS-6a	0	[4,7,8,8]	29
Xe-122(n,n't)I-119	TALYS-6a	0	[8,7,8]	28
Xe-122(n,n'h)Te-119g	TALYS-6a	0		29
Xe-122(n,n'h)Te-119m	TALYS-6a	0		29
Xe-122(n,n'd2a)In-112g	TALYS-6a	0		16
Xe-122(n,n'd2a)In-112m	TALYS-6a	0		16
Xe-122(n,n't2a)In-111g	TALYS-6a	0		15
Xe-122(n,n't2a)In-111m	TALYS-6a	0		14
Xe-122(n,4n)Xe-119	TALYS-6a	0		16
Xe-122(n,2np)I-120g	TALYS-6a	0	[4,8]	29
Xe-122(n,2np)I-120m	TALYS-6a	0	[4,7,8,8]	27
Xe-122(n,3np)I-119	TALYS-6a	0		21
Xe-122(n,n'2p)Te-120	TALYS-6a	0	[8]	35
Xe-122(n,n'pa)Sb-117	TALYS-6a	0	[8,7,8]	38
>Xe-122(n,g)Xe-123	TALYS-6a	0	[14,2]	100
Xe-122(n,p)I-122	TALYS-6a	0	[2]	100
Xe-122(n,d)I-121	TALYS-6a	0	[8]	60
Xe-122(n,t)I-120g	TALYS-6a	0	[4,8]	42
Xe-122(n,t)I-120m	TALYS-6a	0	[4,7,8,8]	41
Xe-122(n,h)Te-120	TALYS-6a	0	[8]	54
Xe-122(n,a)Te-119g	TALYS-6a	0	[2]	100
Xe-122(n,a)Te-119m	TALYS-6a	0	[2]	100
Xe-122(n,2a)Sn-115	TALYS-6a	0	[10]	100
Xe-122(n,2p)Te-121g	TALYS-6a	0		58
Xe-122(n,2p)Te-121m	TALYS-6a	0		56
Xe-122(n,pa)Sb-118g	TALYS-6a	0		100
Xe-122(n,pa)Sb-118m	TALYS-6a	0		100
Xe-122(n,d2a)In-113g	TALYS-6a	0		25
Xe-122(n,d2a)In-113m	TALYS-6a	0		24
Xe-122(n,pd)Te-120	TALYS-6a	0	[8]	38
Xe-122(n,pt)Te-119g	TALYS-6a	0		30
Xe-122(n,pt)Te-119m	TALYS-6a	0		30
Xe-122(n,da)Sb-117	TALYS-6a	0	[8,7,8]	40
Xe-122(n,5n)Xe-118	TALYS-6a	0		11
Xe-122(n,6n)Xe-117	TALYS-6a	0		6
Xe-122(n,2nt)I-118g	TALYS-6a	0	[4,8]	17
Xe-122(n,2nt)I-118m	TALYS-6a	0	[4,7,8,8]	16
Xe-122(n,ta)Sb-116g	TALYS-6a	0		31
Xe-122(n,ta)Sb-116m	TALYS-6a	0		31
Xe-122(n,4np)I-118g	TALYS-6a	0	[4]	13
Xe-122(n,4np)I-118m	TALYS-6a	0	[4,7,8]	12
Xe-122(n,3nd)I-118g	TALYS-6a	0	[4]	14
Xe-122(n,3nd)I-118m	TALYS-6a	0	[4,7,8]	13
Xe-122(n,n'da)Sb-116g	TALYS-6a	0		25
Xe-122(n,n'da)Sb-116m	TALYS-6a	0		25
Xe-122(n,2npa)Sb-116g	TALYS-6a	0		24
Xe-122(n,2npa)Sb-116m	TALYS-6a	0		24
Xe-122(n,4na)Te-115g	TALYS-6a	0		15
Xe-122(n,4na)Te-115m	TALYS-6a	0		15
Xe-122(n,5na)Te-114	TALYS-6a	0	[8,7,8]	11
Xe-122(n,4nd)I-117	TALYS-6a	0		10
Xe-122(n,3nt)I-117	TALYS-6a	0		13
Xe-122(n,4nt)I-116	TALYS-6a	0	[8,7,8]	6
Xe-122(n,2nh)Te-118	TALYS-6a	0	[8]	22
Xe-122(n,3nh)Te-117g	TALYS-6a	0		14
Xe-122(n,3nh)Te-117m	TALYS-6a	0		14
Xe-122(n,4nh)Te-116	TALYS-6a	0	[8,7,8]	10
Xe-122(n,3n2p)Te-118	TALYS-6a	0	[8]	16
Xe-122(n,3n2a)Sn-112	TALYS-6a	0	[8,7,8]	19
Xe-122(n,3npa)Sb-115	TALYS-6a	0	[8,7,8]	16
Xe-122(n,dt)Te-118	TALYS-6a	0	[8]	23
Xe-122(n,n'pd)Te-119g	TALYS-6a	0		24
Xe-122(n,n'pd)Te-119m	TALYS-6a	0		24
Xe-122(n,n'pt)Te-118	TALYS-6a	0	[8]	23
Xe-122(n,n'dt)Te-117g	TALYS-6a	0		14
Xe-122(n,n'dt)Te-117m	TALYS-6a	0		14
Xe-122(n,n'ph)Sb-118g	TALYS-6a	0		20
Xe-122(n,n'ph)Sb-118m	TALYS-6a	0		19
Xe-122(n,n'dh)Sb-117	TALYS-6a	0	[8,7,8]	15
Xe-122(n,n'th)Sb-116g	TALYS-6a	0		12
Xe-122(n,n'th)Sb-116m	TALYS-6a	0		12
Xe-122(n,n'ta)Sb-115	TALYS-6a	0	[8,7,8]	23
Xe-122(n,2n2p)Te-119g	TALYS-6a	0		23
Xe-122(n,2n2p)Te-119m	TALYS-6a	0		23
+Xe-122(n,ph)Sb-119g	TALYS-6a	0	[4,8,7,8]	30
+Xe-122(n,ph)Sb-119m	TALYS-6a	0	[4,7,8,8]	29
Xe-122(n,ha)Sn-116	TALYS-6a	0	[8,7,8]	34
Xe-122(n,4n2p)Te-117g	TALYS-6a	0		10
Xe-122(n,4n2p)Te-117m	TALYS-6a	0		10
Xe-122(n,4n2a)Sn-111	TALYS-6a	0	[8,7,8]	12
Xe-122(n,4npa)Sb-114	TALYS-6a	0	[8,7,8]	11
Xe-122(n,3p)Sb-120g	TALYS-6a	0	[4,8,7,8]	29
Xe-122(n,3p)Sb-120m	TALYS-6a	0	[4,7,8,8]	28
+Xe-122(n,n'3p)Sb-119g	TALYS-6a	0	[4,8,7,8]	23
+Xe-122(n,n'3p)Sb-119m	TALYS-6a	0	[4,7,8,8]	22
Xe-122(n,3n2pa)Sn-114	TALYS-6a	0	[8,7,8]	13
Xe-122(n,5n2p)Te-116	TALYS-6a	0	[8,7,8]	6
Xe-124(n,2nd)I-121	TALYS-6a	0	[8]	23
Xe-124(n,2n)Xe-123	JEF-2.2	2	[13,3,7,8]	35
Xe-124(n,3n)Xe-122	TALYS-6a	0		28
Xe-124(n,n'a)Te-120	TALYS-6a	0	[8]	65
Xe-124(n,n'3a)Cd-112	TALYS-6a	0	[8]	20
Xe-124(n,2na)Te-119g	TALYS-6a	0		32
Xe-124(n,2na)Te-119m	TALYS-6a	0		32
Xe-124(n,3na)Te-118	TALYS-6a	0	[8]	24
Xe-124(n,n'p)I-123	TALYS-6a	0	[8]	47
Xe-124(n,n'2a)Sn-116	TALYS-6a	0	[8]	41
Xe-124(n,2n2a)Sn-115	TALYS-6a	0	[8]	26
Xe-124(n,n'd)I-122	TALYS-6a	0	[8]	30
Xe-124(n,n't)I-121	TALYS-6a	0	[8]	28
Xe-124(n,n'h)Te-121g	TALYS-6a	0		28
Xe-124(n,n'h)Te-121m	TALYS-6a	0		28
Xe-124(n,n'd2a)In-114g	TALYS-6a	0		14
Xe-124(n,n'd2a)In-114m	TALYS-6a	0		14
Xe-124(n,4n)Xe-121	TALYS-6a	0		17
Xe-124(n,2np)I-122	TALYS-6a	0		29
Xe-124(n,3np)I-121	TALYS-6a	0		21
Xe-124(n,n'2p)Te-122	TALYS-6a	0	[8]	32
+Xe-124(n,n'pa)Sb-119g	TALYS-6a	0	[4,8]	34
+Xe-124(n,n'pa)Sb-119m	TALYS-6a	0	[4,7,8,8]	33
Xe-124(n,g)Xe-125g	JEF-2.2	2	[5,9,2,4,6,4]	1543
Xe-124(n,g)Xe-125m	JEF-2.2	2	[5,9,2,7,4,6,4]	1543
Xe-124(n,p)I-124	TALYS-6a	0	[2]	100
Xe-124(n,d)I-123	TALYS-6a	0	[8]	56
Xe-124(n,t)I-122	TALYS-6a	0	[8]	41
Xe-124(n,h)Te-122	TALYS-6a	0	[8]	45
Xe-124(n,a)Te-121g	TALYS-6a	0	[9,2,3]	1269
Xe-124(n,a)Te-121m	TALYS-6a	0	[9,2,3]	1269
Xe-124(n,2a)Sn-117g	TALYS-6a	0		100
Xe-124(n,2a)Sn-117m	TALYS-6a	0		100
Xe-124(n,2p)Te-123g	TALYS-6a	0		47
Xe-124(n,2p)Te-123m	TALYS-6a	0		46
Xe-124(n,pa)Sb-120g	TALYS-6a	0	[4,8]	52
Xe-124(n,pa)Sb-120m	TALYS-6a	0	[4,7,8,8]	51
Xe-124(n,pd)Te-122	TALYS-6a	0	[8]	35
Xe-124(n,pt)Te-121g	TALYS-6a	0		29
Xe-124(n,pt)Te-121m	TALYS-6a	0		29
+Xe-124(n,da)Sb-119g	TALYS-6a	0	[4,8]	36
+Xe-124(n,da)Sb-119m	TALYS-6a	0	[4,7,8,8]	35
Xe-124(n,5n)Xe-120	TALYS-6a	0		12
Xe-124(n,6n)Xe-119	TALYS-6a	0		7
Xe-124(n,2nt)I-120g	TALYS-6a	0	[4,8]	18
Xe-124(n,2nt)I-120m	TALYS-6a	0	[4,7,8,8]	16
Xe-124(n,ta)Sb-118g	TALYS-6a	0		30
Xe-124(n,ta)Sb-118m	TALYS-6a	0		29
Xe-124(n,4np)I-120g	TALYS-6a	0	[4,8]	13
Xe-124(n,4np)I-120m	TALYS-6a	0	[4,7,8,8]	11
Xe-124(n,3nd)I-120g	TALYS-6a	0	[4,8]	14
Xe-124(n,3nd)I-120m	TALYS-6a	0	[4,7,8,8]	12
Xe-124(n,n'da)Sb-118g	TALYS-6a	0		24

Reaction	Library			Value
Xe-124(n,n'da)Sb-118m	TALYS-6a	0		24
Xe-124(n,2npa)Sb-118g	TALYS-6a	0		23
Xe-124(n,2npa)Sb-118m	TALYS-6a	0		22
Xe-124(n,5np)I-119	TALYS-6a	0	[8]	9
Xe-124(n,4na)Te-117g	TALYS-6a	0		15
Xe-124(n,4na)Te-117m	TALYS-6a	0		15
Xe-124(n,5na)Te-116	TALYS-6a	0	[8]	11
Xe-124(n,4nd)I-119	TALYS-6a	0	[8]	10
Xe-124(n,3nt)I-119	TALYS-6a	0	[8]	13
Xe-124(n,4nt)I-118g	TALYS-6a	0	[4,8,7,8]	7
Xe-124(n,4nt)I-118m	TALYS-6a	0	[4,7,8,8]	6
Xe-124(n,2nh)Te-120	TALYS-6a	0	[8]	21
Xe-124(n,3nh)Te-119g	TALYS-6a	0		14
Xe-124(n,3nh)Te-119m	TALYS-6a	0		14
Xe-124(n,4nh)Te-118	TALYS-6a	0	[8]	10
Xe-124(n,3n2p)Te-120	TALYS-6a	0	[8]	15
Xe-124(n,3n2a)Sn-114	TALYS-6a	0	[8]	18
Xe-124(n,3npa)Sb-117	TALYS-6a	0	[8]	16
Xe-124(n,dt)Te-120	TALYS-6a	0	[8]	22
Xe-124(n,n'pd)Te-121g	TALYS-6a	0		23
Xe-124(n,n'pd)Te-121m	TALYS-6a	0		23
Xe-124(n,n'pt)Te-120	TALYS-6a	0	[8]	22
Xe-124(n,n'dt)Te-119g	TALYS-6a	0		14
Xe-124(n,n'dt)Te-119m	TALYS-6a	0		14
Xe-124(n,n'ph)Sb-120g	TALYS-6a	0	[4,8]	17
Xe-124(n,n'ph)Sb-120m	TALYS-6a	0	[4,7,8,8]	16
+Xe-124(n,n'dh)Sb-119g	TALYS-6a	0	[4,8]	14
+Xe-124(n,n'dh)Sb-119m	TALYS-6a	0	[4,7,8,8]	13
Xe-124(n,n'ta)Sb-117	TALYS-6a	0	[8]	22
Xe-124(n,2n2p)Te-121g	TALYS-6a	0		22
Xe-124(n,2n2p)Te-121m	TALYS-6a	0		21
Xe-124(n,ph)Sb-121	TALYS-6a	0	[8]	27
Xe-124(n,ha)Sn-118	TALYS-6a	0	[8]	30
Xe-124(n,4n2p)Te-119g	TALYS-6a	0		10
Xe-124(n,4n2p)Te-119m	TALYS-6a	0		10
Xe-124(n,4n2a)Sn-113g	TALYS-6a	0		12
Xe-124(n,4n2a)Sn-113m	TALYS-6a	0		12
Xe-124(n,4npa)Sb-116g	TALYS-6a	0		11
Xe-124(n,4npa)Sb-116m	TALYS-6a	0		10
Xe-124(n,3p)Sb-122g	TALYS-6a	0		26
Xe-124(n,3p)Sb-122m	TALYS-6a	0		26
Xe-124(n,n'3p)Sb-121	TALYS-6a	0	[8]	20
Xe-124(n,3n2pa)Sn-116	TALYS-6a	0	[8]	11
Xe-124(n,5n2p)Te-118	TALYS-6a	0	[8]	6
Xe-125(n,n')Xe-125m	TALYS-6a	0		88
Xe-125(n,2nd)I-122	TALYS-6a	0	[8]	23
Xe-125(n,2n)Xe-124	TALYS-6a	0		47
Xe-125(n,3n)Xe-123	TALYS-6a	0		28
Xe-125(n,n'a)Te-121g	TALYS-6a	0		63
Xe-125(n,n'a)Te-121m	TALYS-6a	0		61
Xe-125(n,2na)Te-120	TALYS-6a	0	[8]	38
Xe-125(n,3na)Te-119g	TALYS-6a	0		24
Xe-125(n,3na)Te-119m	TALYS-6a	0		24
Xe-125(n,n'p)I-124	TALYS-6a	0	[8]	46
Xe-125(n,n'2a)Sn-117g	TALYS-6a	0		39
Xe-125(n,n'2a)Sn-117m	TALYS-6a	0		38
Xe-125(n,2n2a)Sn-116	TALYS-6a	0	[8]	28
Xe-125(n,n'd)I-123	TALYS-6a	0	[8]	34
Xe-125(n,n't)I-122	TALYS-6a	0	[8]	29
Xe-125(n,n'h)Te-122	TALYS-6a	0	[8]	31
Xe-125(n,n'd2a)In-115g	TALYS-6a	0		15
Xe-125(n,n'd2a)In-115m	TALYS-6a	0		15
Xe-125(n,4n)Xe-122	TALYS-6a	0		20
Xe-125(n,2np)I-123	TALYS-6a	0	[8]	31
Xe-125(n,3np)I-122	TALYS-6a	0	[8]	21
Xe-125(n,n'2p)Te-123g	TALYS-6a	0		31
Xe-125(n,n'2p)Te-123m	TALYS-6a	0		31
Xe-125(n,n'pa)Sb-120g	TALYS-6a	0	[4,8]	32
Xe-125(n,n'pa)Sb-120m	TALYS-6a	0	[4,7,8,8]	31
Xe-125(n,g)Xe-126	MASGAM	0	[14,13]	83
Xe-125(n,p)I-125	TALYS-6a	0	[2]	100
Xe-125(n,d)I-124	TALYS-6a	0	[8]	55
Xe-125(n,t)I-123	TALYS-6a	0	[8]	47
Xe-125(n,h)Te-123g	TALYS-6a	0		44
Xe-125(n,h)Te-123m	TALYS-6a	0		43
Xe-125(n,a)Te-122	ADL-3	2	[13,11]	66
Xe-125(n,2a)Sn-118	TALYS-6a	0		100
Xe-125(n,2p)Te-124	TALYS-6a	0	[8]	57
Xe-125(n,pa)Sb-121	TALYS-6a	0		100
Xe-125(n,pd)Te-123g	TALYS-6a	0		33
Xe-125(n,pd)Te-123m	TALYS-6a	0		33
Xe-125(n,pt)Te-122	TALYS-6a	0	[8]	31
Xe-125(n,da)Sb-120g	TALYS-6a	0	[4,8]	34
Xe-125(n,da)Sb-120m	TALYS-6a	0	[4,7,8,8]	33
Xe-125(n,5n)Xe-121	TALYS-6a	0		13
Xe-125(n,6n)Xe-120	TALYS-6a	0		8
Xe-125(n,2nt)I-121	TALYS-6a	0	[8]	21
+Xe-125(n,ta)Sb-119g	TALYS-6a	0	[4,8]	32
+Xe-125(n,ta)Sb-119m	TALYS-6a	0	[4,7,8,8]	31
Xe-125(n,4np)I-121	TALYS-6a	0		15
Xe-125(n,3nd)I-121	TALYS-6a	0		16
+Xe-125(n,n'da)Sb-119g	TALYS-6a	0	[4,8]	26
+Xe-125(n,n'da)Sb-119m	TALYS-6a	0	[4,7,8,8]	25
+Xe-125(n,2npa)Sb-119g	TALYS-6a	0	[4,8]	25
+Xe-125(n,2npa)Sb-119m	TALYS-6a	0	[4,7,8,8]	24
Xe-125(n,5np)I-120g	TALYS-6a	0	[4]	10
Xe-125(n,5np)I-120m	TALYS-6a	0	[4,7,8]	8
Xe-125(n,6np)I-119	TALYS-6a	0		6
Xe-125(n,4na)Te-118	TALYS-6a	0	[8]	17
Xe-125(n,5na)Te-117g	TALYS-6a	0		11
Xe-125(n,5na)Te-117m	TALYS-6a	0		11
Xe-125(n,6na)Te-116	TALYS-6a	0	[8]	7
Xe-125(n,4nd)I-120g	TALYS-6a	0	[4,8]	10
Xe-125(n,4nd)I-120m	TALYS-6a	0	[4,7,8,8]	9
Xe-125(n,5nd)I-119	TALYS-6a	0	[8]	6
Xe-125(n,3nt)I-120g	TALYS-6a	0	[4,8]	13
Xe-125(n,3nt)I-120m	TALYS-6a	0	[4,7,8,8]	12
Xe-125(n,4nt)I-119	TALYS-6a	0	[8]	9
Xe-125(n,2nh)Te-121g	TALYS-6a	0		21
Xe-125(n,2nh)Te-121m	TALYS-6a	0		21
Xe-125(n,3nh)Te-120	TALYS-6a	0	[8]	15
Xe-125(n,4nh)Te-119g	TALYS-6a	0		10
Xe-125(n,4nh)Te-119m	TALYS-6a	0		10
Xe-125(n,3n2p)Te-121g	TALYS-6a	0		15
Xe-125(n,3n2p)Te-121m	TALYS-6a	0		15
Xe-125(n,3n2a)Sn-115	TALYS-6a	0	[8]	18
Xe-125(n,3npa)Sb-118g	TALYS-6a	0		16
Xe-125(n,3npa)Sb-118m	TALYS-6a	0		15
Xe-125(n,dt)Te-121g	TALYS-6a	0		22
Xe-125(n,dt)Te-121m	TALYS-6a	0		21
Xe-125(n,n'pd)Te-122	TALYS-6a	0	[8]	25
Xe-125(n,n'pt)Te-121g	TALYS-6a	0		21
Xe-125(n,n'pt)Te-121m	TALYS-6a	0		21
Xe-125(n,n'dt)Te-120	TALYS-6a	0	[8]	15
Xe-125(n,n'ph)Sb-121	TALYS-6a	0	[8]	19
Xe-125(n,n'dh)Sb-120g	TALYS-6a	0	[4,8]	13
Xe-125(n,n'dh)Sb-120m	TALYS-6a	0	[4,7,8,8]	12
Xe-125(n,n'ta)Sb-118g	TALYS-6a	0		22
Xe-125(n,n'ta)Sb-118m	TALYS-6a	0		22
Xe-125(n,2n2p)Te-122	TALYS-6a	0	[8]	24
Xe-125(n,ph)Sb-122g	TALYS-6a	0		25
Xe-125(n,ph)Sb-122m	TALYS-6a	0		25
Xe-125(n,4n2p)Te-120	TALYS-6a	0	[8]	11
Xe-125(n,4n2a)Sn-114	TALYS-6a	0	[8]	13
Xe-125(n,4npa)Sb-117	TALYS-6a	0	[8]	12
Xe-125(n,3p)Sb-123	TALYS-6a	0	[8]	28
Xe-125(n,n'3p)Sb-122g	TALYS-6a	0		18
Xe-125(n,n'3p)Sb-122m	TALYS-6a	0		18
Xe-125(n,3n2pa)Sn-117g	TALYS-6a	0		11
Xe-125(n,3n2pa)Sn-117m	TALYS-6a	0		11
Xe-125(n,5n2p)Te-119g	TALYS-6a	0		6
Xe-125(n,5n2p)Te-119m	TALYS-6a	0		6
Xe-126(n,2nd)I-123	TALYS-6a	0	[8]	23
Xe-126(n,2n)Xe-125g	JEF-2.2	2	[13,4,3,7,8]	35
Xe-126(n,2n)Xe-125m	JEF-2.2	2	[13,4,7,8,3]	34
Xe-126(n,3n)Xe-124	TALYS-6a	0		29
Xe-126(n,n'a)Te-122	TALYS-6a	0	[8]	62
Xe-126(n,2na)Te-121g	TALYS-6a	0		32
Xe-126(n,2na)Te-121m	TALYS-6a	0		32
Xe-126(n,3na)Te-120	TALYS-6a	0	[8]	24
Xe-126(n,n'p)I-125	TALYS-6a	0	[8]	45
Xe-126(n,n'2a)Sn-118	TALYS-6a	0	[8]	37
Xe-126(n,2n2a)Sn-117g	TALYS-6a	0		24
Xe-126(n,2n2a)Sn-117m	TALYS-6a	0		24
Xe-126(n,n'd)I-124	TALYS-6a	0	[8]	30
Xe-126(n,n't)I-123	TALYS-6a	0	[8]	29
Xe-126(n,n'h)Te-123g	TALYS-6a	0		27
Xe-126(n,n'h)Te-123m	TALYS-6a	0		27
Xe-126(n,4n)Xe-123	TALYS-6a	0		18
Xe-126(n,2np)I-124	TALYS-6a	0	[8]	28
Xe-126(n,3np)I-123	TALYS-6a	0	[8]	21
Xe-126(n,n'2p)Te-124	TALYS-6a	0	[8]	30
Xe-126(n,n'pa)Sb-121	TALYS-6a	0	[8]	31
>Xe-126(n,g)Xe-127g	JEF-2.2	2	[5,9,2,9,3]	2166
>Xe-126(n,g)Xe-127m	JEF-2.2	2	[5,9,2,9,3,3]	2166
Xe-126(n,p)I-126	TALYS-6a	0	[2,8]	80
Xe-126(n,d)I-125	TALYS-6a	0	[8]	53
Xe-126(n,t)I-124	TALYS-6a	0	[8]	41
Xe-126(n,h)Te-124	TALYS-6a	0	[8]	42
Xe-126(n,a)Te-123g	TALYS-6a	0	[9,2,3]	1356
Xe-126(n,a)Te-123m	TALYS-6a	0	[9,2,3]	1356
Xe-126(n,2a)Sn-119g	TALYS-6a	0		100
Xe-126(n,2a)Sn-119m	TALYS-6a	0		100
Xe-126(n,2p)Te-125g	TALYS-6a	0		42
Xe-126(n,2p)Te-125m	TALYS-6a	0		42
Xe-126(n,pa)Sb-122g	TALYS-6a	0		44
Xe-126(n,pa)Sb-122m	TALYS-6a	0		44
Xe-126(n,pd)Te-124	TALYS-6a	0	[8]	32
Xe-126(n,pt)Te-123g	TALYS-6a	0		28
Xe-126(n,pt)Te-123m	TALYS-6a	0		28
Xe-126(n,da)Sb-121	TALYS-6a	0	[8]	33
Xe-126(n,5n)Xe-122	TALYS-6a	0		13
Xe-126(n,6n)Xe-121	TALYS-6a	0		8
Xe-126(n,2nt)I-122	TALYS-6a	0	[8]	18
Xe-126(n,ta)Sb-120g	TALYS-6a	0	[4,8]	28
Xe-126(n,ta)Sb-120m	TALYS-6a	0	[4,7,8,8]	27
Xe-126(n,4np)I-122	TALYS-6a	0		14
Xe-126(n,3nd)I-122	TALYS-6a	0		15
Xe-126(n,n'da)Sb-120g	TALYS-6a	0	[4,8]	23
Xe-126(n,n'da)Sb-120m	TALYS-6a	0	[4,7,8,8]	22
Xe-126(n,2npa)Sb-120g	TALYS-6a	0	[4,8]	21
Xe-126(n,2npa)Sb-120m	TALYS-6a	0	[4,7,8,8]	20
Xe-126(n,5np)I-121	TALYS-6a	0		10
Xe-126(n,4na)Te-119g	TALYS-6a	0		15
Xe-126(n,4na)Te-119m	TALYS-6a	0		15
Xe-126(n,5na)Te-118	TALYS-6a	0	[8]	11
Xe-126(n,4nd)I-121	TALYS-6a	0		11
Xe-126(n,5nd)I-120g	TALYS-6a	0	[4,8]	5
Xe-126(n,5nd)I-120m	TALYS-6a	0	[4,7,8,8]	3
Xe-126(n,3nt)I-121	TALYS-6a	0	[8]	13
Xe-126(n,4nt)I-120g	TALYS-6a	0	[4,8]	8
Xe-126(n,4nt)I-120m	TALYS-6a	0	[4,7,8,8]	7
Xe-126(n,2nh)Te-122	TALYS-6a	0	[8]	20
Xe-126(n,3nh)Te-121g	TALYS-6a	0		14
Xe-126(n,3nh)Te-121m	TALYS-6a	0		14
Xe-126(n,4nh)Te-120	TALYS-6a	0	[8]	10
Xe-126(n,3n2p)Te-122	TALYS-6a	0	[8]	15
Xe-126(n,3n2a)Sn-116	TALYS-6a	0	[8]	17
+Xe-126(n,3npa)Sb-119g	TALYS-6a	0	[4,8]	15
+Xe-126(n,3npa)Sb-119m	TALYS-6a	0	[4,7,8,8]	14
Xe-126(n,dt)Te-122	TALYS-6a	0	[8]	21
Xe-126(n,n'pd)Te-123g	TALYS-6a	0		22
Xe-126(n,n'pd)Te-123m	TALYS-6a	0		22
Xe-126(n,n'pt)Te-122	TALYS-6a	0	[8]	21
Xe-126(n,n'dt)Te-121g	TALYS-6a	0		14
Xe-126(n,n'dt)Te-121m	TALYS-6a	0		14
Xe-126(n,n'ph)Sb-122g	TALYS-6a	0		16
Xe-126(n,n'ph)Sb-122m	TALYS-6a	0		16

Reaction	Library	Data	Value
Xe-126(n,n'dh)Sb-121	TALYS-6a	0 [8]	13
+Xe-126(n,n'ta)Sb-119g	TALYS-6a	0 [4,8]	21
+Xe-126(n,n'ta)Sb-119m	TALYS-6a	0 [4,7,8,8]	20
Xe-126(n,2n2p)Te-123g	TALYS-6a	0	20
Xe-126(n,2n2p)Te-123m	TALYS-6a	0	20
Xe-126(n,ph)Sb-123	TALYS-6a	0 [8]	24
Xe-126(n,4n2p)Te-121g	TALYS-6a	0	10
Xe-126(n,4n2p)Te-121m	TALYS-6a	0	10
Xe-126(n,4n2a)Sn-115	TALYS-6a	0 [8]	12
Xe-126(n,4npa)Sb-118g	TALYS-6a	0	10
Xe-126(n,4npa)Sb-118m	TALYS-6a	0	10
Xe-126(n,n'3p)Sb-123	TALYS-6a	0 [8]	17
Xe-127(n,n')Xe-127m	TALYS-6a	0	87
Xe-127(n,2nd)I-124	TALYS-6a	0 [8]	23
Xe-127(n,2n)Xe-126	TALYS-6a	0	49
Xe-127(n,3n)Xe-125g	TALYS-6a	0	29
Xe-127(n,3n)Xe-125m	TALYS-6a	0	29
Xe-127(n,n'a)Te-123g	TALYS-6a	0	61
Xe-127(n,n'a)Te-123m	TALYS-6a	0	60
Xe-127(n,2na)Te-122	TALYS-6a	0 [8]	38
Xe-127(n,3na)Te-121g	TALYS-6a	0	24
Xe-127(n,3na)Te-121m	TALYS-6a	0	24
Xe-127(n,n'p)I-126	TALYS-6a	0 [8]	44
Xe-127(n,n'2a)Sn-119g	TALYS-6a	0	35
Xe-127(n,n'2a)Sn-119m	TALYS-6a	0	35
Xe-127(n,2n2a)Sn-118	TALYS-6a	0 [8]	26
Xe-127(n,n'd)I-125	TALYS-6a	0 [8]	33
Xe-127(n,n't)I-124	TALYS-6a	0 [8]	29
Xe-127(n,n'h)Te-124	TALYS-6a	0 [8]	30
Xe-127(n,4n)Xe-124	TALYS-6a	0	21
Xe-127(n,2np)I-125	TALYS-6a	0 [8]	31
Xe-127(n,3np)I-124	TALYS-6a	0 [8]	21
Xe-127(n,n'2p)Te-125g	TALYS-6a	0	29
Xe-127(n,n'2p)Te-125m	TALYS-6a	0	29
Xe-127(n,n'pa)Sb-122g	TALYS-6a	0	30
Xe-127(n,n'pa)Sb-122m	TALYS-6a	0	30
Xe-127(n,g)Xe-128	MASGAM	0 [14,13]	83
Xe-127(n,p)I-127	TALYS-6a	0 [2]	100
Xe-127(n,d)I-126	TALYS-6a	0 [8]	52
Xe-127(n,t)I-125	TALYS-6a	0 [8]	46
Xe-127(n,h)Te-125g	TALYS-6a	0	41
Xe-127(n,h)Te-125m	TALYS-6a	0	41
Xe-127(n,a)Te-124	ADL-3	2 [13,11]	66
Xe-127(n,2a)Sn-120	TALYS-6a	0	100
Xe-127(n,2p)Te-126	TALYS-6a	0 [8]	48
Xe-127(n,pa)Sb-123	TALYS-6a	0 [8]	52
Xe-127(n,pd)Te-125g	TALYS-6a	0	31
Xe-127(n,pd)Te-125m	TALYS-6a	0	31
Xe-127(n,pt)Te-124	TALYS-6a	0 [8]	30
Xe-127(n,da)Sb-122g	TALYS-6a	0	31
Xe-127(n,da)Sb-122m	TALYS-6a	0	31
Xe-127(n,5n)Xe-123	TALYS-6a	0	14
Xe-127(n,6n)Xe-122	TALYS-6a	0	10
Xe-127(n,2nt)I-123	TALYS-6a	0 [8]	21
Xe-127(n,ta)Sb-121	TALYS-6a	0 [8]	31
Xe-127(n,4np)I-123	TALYS-6a	0	15
Xe-127(n,3nd)I-123	TALYS-6a	0 [8]	16
Xe-127(n,n'da)Sb-121	TALYS-6a	0 [8]	25
Xe-127(n,2npa)Sb-121	TALYS-6a	0 [8]	23
Xe-127(n,7n)Xe-121	TALYS-6a	0	4
Xe-127(n,5np)I-122	TALYS-6a	0	10
Xe-127(n,6np)I-121	TALYS-6a	0	6
Xe-127(n,4na)Te-120	TALYS-6a	0 [8]	17
Xe-127(n,5na)Te-119g	TALYS-6a	0	11
Xe-127(n,5na)Te-119m	TALYS-6a	0	11
Xe-127(n,6na)Te-118	TALYS-6a	0 [8]	7
Xe-127(n,4nd)I-122	TALYS-6a	0 [8]	11
Xe-127(n,5nd)I-121	TALYS-6a	0 [8]	7
Xe-127(n,3nt)I-122	TALYS-6a	0 [8]	14
Xe-127(n,4nt)I-121	TALYS-6a	0 [8]	10
Xe-127(n,2nh)Te-123g	TALYS-6a	0	20
Xe-127(n,2nh)Te-123m	TALYS-6a	0	20
Xe-127(n,3nh)Te-122	TALYS-6a	0 [8]	15
Xe-127(n,4nh)Te-121g	TALYS-6a	0	10
Xe-127(n,4nh)Te-121m	TALYS-6a	0	10
Xe-127(n,3n2p)Te-123g	TALYS-6a	0	15
Xe-127(n,3n2p)Te-123m	TALYS-6a	0	15
Xe-127(n,3n2a)Sn-117g	TALYS-6a	0	16
Xe-127(n,3n2a)Sn-117m	TALYS-6a	0	16
Xe-127(n,3npa)Sb-120g	TALYS-6a	0 [4,8]	15
Xe-127(n,3npa)Sb-120m	TALYS-6a	0 [4,7,8,8]	14
Xe-127(n,n'pd)Te-124	TALYS-6a	0 [8]	24
Xe-127(n,n'pt)Te-123g	TALYS-6a	0	21
Xe-127(n,n'pt)Te-123m	TALYS-6a	0	20
Xe-127(n,n'dt)Te-122	TALYS-6a	0 [8]	15
Xe-127(n,n'ph)Sb-123	TALYS-6a	0 [8]	17
Xe-127(n,n'ta)Sb-120g	TALYS-6a	0 [4,8]	21
Xe-127(n,n'ta)Sb-120m	TALYS-6a	0 [4,7,8,8]	20
Xe-127(n,2n2p)Te-124	TALYS-6a	0 [8]	23
Xe-127(n,4n2p)Te-122	TALYS-6a	0 [8]	11
Xe-127(n,4n2a)Sn-116	TALYS-6a	0 [8]	13
+Xe-127(n,4npa)Sb-119g	TALYS-6a	0 [4,8]	11
+Xe-127(n,4npa)Sb-119m	TALYS-6a	0 [4,7,8,8]	10
Xe-128(n,2nd)I-125	TALYS-6a	0 [8]	23
Xe-128(n,2n)Xe-127g	JEF-2.2	2 [13,4,3]	37
Xe-128(n,2n)Xe-127m	JEF-2.2	2 [13,4,7,8,3]	36
Xe-128(n,3n)Xe-126	TALYS-6a	0	30
Xe-128(n,n'a)Te-124	TALYS-6a	0 [8]	60
Xe-128(n,2na)Te-123g	TALYS-6a	0	32
Xe-128(n,2na)Te-123m	TALYS-6a	0	32
Xe-128(n,3na)Te-122	TALYS-6a	0 [8]	25
Xe-128(n,n'p)I-127	TALYS-6a	0 [8]	44
Xe-128(n,n'2a)Sn-120	TALYS-6a	0 [8]	33
Xe-128(n,2n2a)Sn-119g	TALYS-6a	0	23
Xe-128(n,2n2a)Sn-119m	TALYS-6a	0	23
Xe-128(n,n'd)I-126	TALYS-6a	0 [8]	30
Xe-128(n,n't)I-125	TALYS-6a	0 [8]	29
Xe-128(n,n'h)Te-125g	TALYS-6a	0	27
Xe-128(n,n'h)Te-125m	TALYS-6a	0	26
Xe-128(n,4n)Xe-125g	TALYS-6a	0	19
Xe-128(n,4n)Xe-125m	TALYS-6a	0	19
Xe-128(n,2np)I-126	TALYS-6a	0 [8]	28
Xe-128(n,3np)I-125	TALYS-6a	0 [8]	21
Xe-128(n,n'2p)Te-126	TALYS-6a	0 [8]	29
Xe-128(n,n'pa)Sb-123	TALYS-6a	0 [8]	30
Xe-128(n,g)Xe-129g	JEF-2.2	2 [5,9,2,4,6,4]	3711
Xe-128(n,g)Xe-129m	JEF-2.2	2 [5,9,2,4,6,4]	3711
Xe-128(n,p)I-128	TALYS-6	2 [3,8]	75
Xe-128(n,d)I-127	TALYS-6a	0 [8]	50
Xe-128(n,t)I-126	TALYS-6a	0 [8]	40
Xe-128(n,h)Te-126	TALYS-6a	0 [8]	40
Xe-128(n,a)Te-125g	TALYS-6a	0 [9,2,3]	3478
Xe-128(n,a)Te-125m	TALYS-6a	0 [9,2,3]	3478
Xe-128(n,2a)Sn-121g	TALYS-6a	0	100
Xe-128(n,2a)Sn-121m	TALYS-6a	0	100
Xe-128(n,2p)Te-127g	TALYS-6a	0	39
Xe-128(n,2p)Te-127m	TALYS-6a	0	39
Xe-128(n,pa)Sb-124g	TALYS-6a	0	41
Xe-128(n,pa)Sb-124m	TALYS-6a	0	41
Xe-128(n,pa)Sb-124n	TALYS-6a	0	41
Xe-128(n,pd)Te-126	TALYS-6a	0 [8]	31
Xe-128(n,pt)Te-125g	TALYS-6a	0	27
Xe-128(n,pt)Te-125m	TALYS-6a	0	27
Xe-128(n,da)Sb-123	TALYS-6a	0 [8]	31
Xe-128(n,5n)Xe-124	TALYS-6a	0	14
Xe-128(n,6n)Xe-123	TALYS-6a	0	9
Xe-128(n,2nt)I-124	TALYS-6a	0 [8]	19
Xe-128(n,ta)Sb-122g	TALYS-6a	0	27
Xe-128(n,ta)Sb-122m	TALYS-6a	0	27
Xe-128(n,4np)I-124	TALYS-6a	0	14
Xe-128(n,3nd)I-124	TALYS-6a	0	15
Xe-128(n,n'da)Sb-122g	TALYS-6a	0	22
Xe-128(n,n'da)Sb-122m	TALYS-6a	0	21
Xe-128(n,2npa)Sb-122g	TALYS-6a	0	20
Xe-128(n,2npa)Sb-122m	TALYS-6a	0	20
Xe-128(n,7n)Xe-122	TALYS-6a	0	5
Xe-128(n,5np)I-123	TALYS-6a	0 [8]	10
Xe-128(n,6np)I-122	TALYS-6a	0 [8]	5
Xe-128(n,4na)Te-121g	TALYS-6a	0	15
Xe-128(n,4na)Te-121m	TALYS-6a	0	15
Xe-128(n,5na)Te-120	TALYS-6a	0 [8]	12
Xe-128(n,6na)Te-119g	TALYS-6a	0	6
Xe-128(n,6na)Te-119m	TALYS-6a	0	6
Xe-128(n,4nd)I-123	TALYS-6a	0 [8]	11
Xe-128(n,5nd)I-122	TALYS-6a	0 [8]	6
Xe-128(n,3nt)I-123	TALYS-6a	0 [8]	14
Xe-128(n,4nt)I-122	TALYS-6a	0 [8]	9
Xe-128(n,5nt)I-121	TALYS-6a	0 [8]	5
Xe-128(n,2nh)Te-124	TALYS-6a	0 [8]	20
Xe-128(n,3nh)Te-123g	TALYS-6a	0	13
Xe-128(n,3nh)Te-123m	TALYS-6a	0	14
Xe-128(n,4nh)Te-122	TALYS-6a	0 [8]	10
Xe-128(n,3n2p)Te-124	TALYS-6a	0 [8]	15
Xe-128(n,3n2a)Sn-118	TALYS-6a	0 [8]	16
Xe-128(n,3npa)Sb-121	TALYS-6a	0 [8]	15
Xe-128(n,n'pd)Te-125g	TALYS-6a	0	21
Xe-128(n,n'pd)Te-125m	TALYS-6a	0	21
Xe-128(n,n'pt)Te-124	TALYS-6a	0 [8]	20
Xe-128(n,n'dt)Te-123g	TALYS-6a	0	14
Xe-128(n,n'dt)Te-123m	TALYS-6a	0	14
Xe-128(n,n'ph)Sb-124g	TALYS-6a	0	15
Xe-128(n,n'ph)Sb-124m	TALYS-6a	0	15
Xe-128(n,n'ph)Sb-124n	TALYS-6a	0	15
Xe-128(n,n'ta)Sb-121	TALYS-6a	0 [8]	21
Xe-128(n,2n2p)Te-125g	TALYS-6a	0	19
Xe-128(n,2n2p)Te-125m	TALYS-6a	0	19
Xe-128(n,4n2p)Te-123g	TALYS-6a	0	10
Xe-128(n,4n2p)Te-123m	TALYS-6a	0	10
Xe-128(n,4n2a)Sn-117g	TALYS-6a	0	11
Xe-128(n,4n2a)Sn-117m	TALYS-6a	0	11
Xe-128(n,4npa)Sb-120g	TALYS-6a	0 [4,8]	10
Xe-128(n,4npa)Sb-120m	TALYS-6a	0 [4,7,8,8]	9
Xe-129(n,n')Xe-129m	TALYS-6a	0	88
Xe-129(n,2nd)I-126	TALYS-6a	0 [8]	23
Xe-129(n,2n)Xe-128	TALYS-6a	0	51
Xe-129(n,3n)Xe-127g	TALYS-6a	0	30
Xe-129(n,3n)Xe-127m	TALYS-6a	0	30
Xe-129(n,n'a)Te-125g	TALYS-6a	0	59
Xe-129(n,n'a)Te-125m	TALYS-6a	0	58
Xe-129(n,2na)Te-124	TALYS-6a	0 [8]	37
Xe-129(n,3na)Te-123g	TALYS-6a	0	25
Xe-129(n,3na)Te-123m	TALYS-6a	0	24
Xe-129(n,n'p)I-128	TALYS-6a	0 [8]	43
Xe-129(n,n'2a)Sn-121g	TALYS-6a	0	31
Xe-129(n,n'2a)Sn-121m	TALYS-6a	0	32
Xe-129(n,2n2a)Sn-120	TALYS-6a	0 [8]	25
Xe-129(n,n'd)I-127	TALYS-6a	0 [8]	33
Xe-129(n,n't)I-126	TALYS-6a	0 [8]	29
Xe-129(n,n'h)Te-126	TALYS-6a	0 [8]	29
Xe-129(n,4n)Xe-126	TALYS-6a	0	23
Xe-129(n,2np)I-127	TALYS-6a	0	31
Xe-129(n,3np)I-126	TALYS-6a	0	22
Xe-129(n,n'2p)Te-127g	TALYS-6a	0	28
Xe-129(n,n'2p)Te-127m	TALYS-6a	0	28
Xe-129(n,n'pa)Sb-124g	TALYS-6a	0	29
Xe-129(n,n'pa)Sb-124m	TALYS-6a	0	29
Xe-129(n,n'pa)Sb-124n	TALYS-6a	0	29
>Xe-129(n,g)Xe-130	JEF-2.2	4 [5,9,2,13]	
15946			
Xe-129(n,p)I-129	TALYS-6a	0 [2]	100
Xe-129(n,d)I-128	TALYS-6a	0 [8]	49
Xe-129(n,t)I-127	TALYS-6a	0 [8]	45
Xe-129(n,h)Te-127g	TALYS-6a	0	39
Xe-129(n,h)Te-127m	TALYS-6a	0	39
Xe-129(n,a)Te-126	TALYS-6a	0 [9,2,3]	
15946			
Xe-129(n,2a)Sn-122	TALYS-6a	0	100
Xe-129(n,2p)Te-128	TALYS-6a	0 [8]	43

Reaction	Library	Flag	Refs	Value
Xe-129(n,pa)Sb-125	TALYS-6a	0	[8]	45
Xe-129(n,pd)Te-127g	TALYS-6a	0		29
Xe-129(n,pd)Te-127m	TALYS-6a	0		29
Xe-129(n,pt)Te-126	TALYS-6a	0	[8]	30
Xe-129(n,da)Sb-124g	TALYS-6a	0		30
Xe-129(n,da)Sb-124m	TALYS-6a	0		30
Xe-129(n,da)Sb-124n	TALYS-6a	0		30
Xe-129(n,5n)Xe-125g	TALYS-6a	0		14
Xe-129(n,5n)Xe-125m	TALYS-6a	0		14
Xe-129(n,6n)Xe-124	TALYS-6a	0		11
Xe-129(n,2nt)I-125	TALYS-6a	0	[8]	22
Xe-129(n,ta)Sb-123	TALYS-6a	0	[8]	30
Xe-129(n,4np)I-125	TALYS-6a	0	[8]	15
Xe-129(n,3nd)I-125	TALYS-6a	0	[8]	16
Xe-129(n,n'da)Sb-123	TALYS-6a	0		24
Xe-129(n,2npa)Sb-123	TALYS-6a	0	[8]	22
Xe-129(n,7n)Xe-123	TALYS-6a	0		5
Xe-129(n,5np)I-124	TALYS-6a	0		11
Xe-129(n,6np)I-123	TALYS-6a	0		7
Xe-129(n,4na)Te-122	TALYS-6a	0	[8]	17
Xe-129(n,5na)Te-121g	TALYS-6a	0		12
Xe-129(n,5na)Te-121m	TALYS-6a	0		12
Xe-129(n,6na)Te-120	TALYS-6a	0	[8]	8
Xe-129(n,4nd)I-124	TALYS-6a	0	[8]	11
Xe-129(n,5nd)I-123	TALYS-6a	0		8
Xe-129(n,3nt)I-124	TALYS-6a	0	[8]	14
Xe-129(n,4nt)I-123	TALYS-6a	0		10
Xe-129(n,5nt)I-122	TALYS-6a	0	[8]	5
Xe-129(n,2nh)Te-125g	TALYS-6a	0		20
Xe-129(n,2nh)Te-125m	TALYS-6a	0		20
Xe-129(n,3nh)Te-124	TALYS-6a	0	[8]	15
Xe-129(n,4nh)Te-123g	TALYS-6a	0		10
Xe-129(n,4nh)Te-123m	TALYS-6a	0		10
Xe-129(n,3n2p)Te-125g	TALYS-6a	0		14
Xe-129(n,3n2p)Te-125m	TALYS-6a	0		14
Xe-129(n,3n2a)Sn-119g	TALYS-6a	0		16
Xe-129(n,3n2a)Sn-119m	TALYS-6a	0		16
Xe-129(n,3npa)Sb-122g	TALYS-6a	0		15
Xe-129(n,3npa)Sb-122m	TALYS-6a	0		15
Xe-129(n,n'pd)Te-126	TALYS-6a	0	[8]	23
Xe-129(n,n'pt)Te-125g	TALYS-6a	0		20
Xe-129(n,n'pt)Te-125m	TALYS-6a	0		20
Xe-129(n,n'dt)Te-124	TALYS-6a	0	[8]	15
Xe-129(n,n'ph)Sb-125	TALYS-6a	0	[8]	16
Xe-129(n,n'ta)Sb-122g	TALYS-6a	0		20
Xe-129(n,n'ta)Sb-122m	TALYS-6a	0		20
Xe-129(n,2n2p)Te-126	TALYS-6a	0	[8]	22
Xe-129(n,4n2p)Te-124	TALYS-6a	0	[8]	11
Xe-129(n,4n2a)Sn-118	TALYS-6a	0	[8]	12
Xe-129(n,4npa)Sb-121	TALYS-6a	0	[8]	11
Xe-129m(n,n')Xe-129g	TALYS-6a	0	[8]	97
Xe-129m(n,2nd)I-126	TALYS-6a	0	[8]	23
Xe-129m(n,2n)Xe-128	TALYS-6a	0		52
Xe-129m(n,3n)Xe-127g	TALYS-6a	0		30
Xe-129m(n,3n)Xe-127m	TALYS-6a	0		30
Xe-129m(n,n'a)Te-125g	TALYS-6a	0		59
Xe-129m(n,n'a)Te-125m	TALYS-6a	0		59
Xe-129m(n,2na)Te-124	TALYS-6a	0	[8]	38
Xe-129m(n,3na)Te-123g	TALYS-6a	0		25
Xe-129m(n,3na)Te-123m	TALYS-6a	0		25
Xe-129m(n,n'p)I-128	TALYS-6a	0	[8]	44
Xe-129m(n,n'2a)Sn-121g	TALYS-6a	0		32
Xe-129m(n,n'2a)Sn-121m	TALYS-6a	0		33
Xe-129m(n,2n2a)Sn-120	TALYS-6a	0	[8]	25
Xe-129m(n,n'd)I-127	TALYS-6a	0	[8]	33
Xe-129m(n,n't)I-126	TALYS-6a	0	[8]	29
Xe-129m(n,n'h)Te-126	TALYS-6a	0	[8]	29
Xe-129m(n,4n)Xe-126	TALYS-6a	0		23
Xe-129m(n,2np)I-127	TALYS-6a	0	[8]	31
Xe-129m(n,3np)I-126	TALYS-6a	0		22
Xe-129m(n,n'2p)Te-127g	TALYS-6a	0		28
Xe-129m(n,n'2p)Te-127m	TALYS-6a	0		28
Xe-129m(n,n'pa)Sb-124g	TALYS-6a	0		29
Xe-129m(n,n'pa)Sb-124m	TALYS-6a	0		29
Xe-129m(n,n'pa)Sb-124n	TALYS-6a	0		29
Xe-129m(n,g)Xe-130	JEF-2.2	0	[5,9,2]	16206
Xe-129m(n,p)I-129	TALYS-6a	0	[9,2,3]	15946
Xe-129m(n,d)I-128	TALYS-6a	0	[8]	50
Xe-129m(n,t)I-127	TALYS-6a	0	[8]	45
Xe-129m(n,h)Te-127g	TALYS-6a	0		38
Xe-129m(n,h)Te-127m	TALYS-6a	0		39
Xe-129m(n,a)Te-126	TALYS-6a	0	[9,2,3]	15946
Xe-129m(n,2a)Sn-122	TALYS-6a	0		100
Xe-129m(n,2p)Te-128	TALYS-6a	0	[8]	44
Xe-129m(n,pa)Sb-125	TALYS-6a	0	[8]	46
Xe-129m(n,pd)Te-127g	TALYS-6a	0		30
Xe-129m(n,pd)Te-127m	TALYS-6a	0		30
Xe-129m(n,pt)Te-126	TALYS-6a	0	[8]	30
Xe-129m(n,da)Sb-124g	TALYS-6a	0		30
Xe-129m(n,da)Sb-124m	TALYS-6a	0		30
Xe-129m(n,da)Sb-124n	TALYS-6a	0		31
Xe-129m(n,5n)Xe-125g	TALYS-6a	0		15
Xe-129m(n,5n)Xe-125m	TALYS-6a	0		14
Xe-129m(n,6n)Xe-124	TALYS-6a	0		11
Xe-129m(n,2nt)I-125	TALYS-6a	0	[8]	22
Xe-129m(n,ta)Sb-123	TALYS-6a	0	[8]	30
Xe-129m(n,4np)I-125	TALYS-6a	0		16
Xe-129m(n,3nd)I-125	TALYS-6a	0	[8]	16
Xe-129m(n,n'da)Sb-123	TALYS-6a	0	[8]	24
Xe-129m(n,2npa)Sb-123	TALYS-6a	0	[8]	23
Xe-129m(n,7n)Xe-123	TALYS-6a	0		5
Xe-129m(n,5np)I-124	TALYS-6a	0		11
Xe-129m(n,6np)I-123	TALYS-6a	0		7
Xe-129m(n,4na)Te-122	TALYS-6a	0	[8]	18
Xe-129m(n,5na)Te-121g	TALYS-6a	0		12
Xe-129m(n,5na)Te-121m	TALYS-6a	0		12
Xe-129m(n,6na)Te-120	TALYS-6a	0	[8]	8
Xe-129m(n,4nd)I-124	TALYS-6a	0		12
Xe-129m(n,5nd)I-123	TALYS-6a	0		8
Xe-129m(n,3nt)I-124	TALYS-6a	0	[8]	14
Xe-129m(n,4nt)I-123	TALYS-6a	0		11
Xe-129m(n,5nt)I-122	TALYS-6a	0	[8]	5
Xe-129m(n,2nh)Te-125g	TALYS-6a	0		20
Xe-129m(n,2nh)Te-125m	TALYS-6a	0		20
Xe-129m(n,3nh)Te-124	TALYS-6a	0	[8]	15
Xe-129m(n,4nh)Te-123g	TALYS-6a	0		10
Xe-129m(n,4nh)Te-123m	TALYS-6a	0		10
Xe-129m(n,3n2p)Te-125g	TALYS-6a	0		15
Xe-129m(n,3n2p)Te-125m	TALYS-6a	0		15
Xe-129m(n,3n2a)Sn-119g	TALYS-6a	0		16
Xe-129m(n,3n2a)Sn-119m	TALYS-6a	0		16
Xe-129m(n,3npa)Sb-122g	TALYS-6a	0		15
Xe-129m(n,3npa)Sb-122m	TALYS-6a	0		15
Xe-129m(n,n'pd)Te-126	TALYS-6a	0	[8]	24
Xe-129m(n,n'pt)Te-125g	TALYS-6a	0		20
Xe-129m(n,n'pt)Te-125m	TALYS-6a	0		20
Xe-129m(n,n'dt)Te-124	TALYS-6a	0	[8]	15
Xe-129m(n,n'ph)Sb-125	TALYS-6a	0	[8]	16
Xe-129m(n,n'ta)Sb-122g	TALYS-6a	0		20
Xe-129m(n,n'ta)Sb-122m	TALYS-6a	0		21
Xe-129m(n,2n2p)Te-126	TALYS-6a	0	[8]	22
Xe-129m(n,4n2p)Te-124	TALYS-6a	0	[8]	11
Xe-129m(n,4n2a)Sn-118	TALYS-6a	0	[8]	13
Xe-129m(n,4npa)Sb-121	TALYS-6a	0	[8]	11
Xe-130(n,2nd)I-127	TALYS-6a	0	[8]	23
Xe-130(n,2n)Xe-129g	TALYS-6a	0		43
Xe-130(n,2n)Xe-129m	ADL-3	1	[13]	45
Xe-130(n,3n)Xe-128	TALYS-6a	0		30
Xe-130(n,n'a)Te-126	TALYS-6a	0	[8]	58
Xe-130(n,2na)Te-125g	TALYS-6a	0		32
Xe-130(n,2na)Te-125m	TALYS-6a	0		31
Xe-130(n,3na)Te-124	TALYS-6a	0	[8]	25
Xe-130(n,n'p)I-129	TALYS-6a	0	[8]	43
Xe-130(n,n'2a)Sn-122	TALYS-6a	0	[8]	31
Xe-130(n,2n2a)Sn-121g	TALYS-6a	0		21
Xe-130(n,2n2a)Sn-121m	TALYS-6a	0		22
Xe-130(n,n'd)I-128	TALYS-6a	0	[8]	30
Xe-130(n,n't)I-127	TALYS-6a	0	[8]	29
Xe-130(n,n'h)Te-127g	TALYS-6a	0		26
Xe-130(n,n'h)Te-127m	TALYS-6a	0		26
Xe-130(n,4n)Xe-127g	TALYS-6a	0		21
Xe-130(n,4n)Xe-127m	TALYS-6a	0		20
Xe-130(n,2np)I-128	TALYS-6a	0	[8]	28
Xe-130(n,3np)I-127	TALYS-6a	0	[8]	21
Xe-130(n,n'2p)Te-128	TALYS-6a	0	[8]	28
Xe-130(n,n'pa)Sb-125	TALYS-6a	0	[8]	29
Xe-130(n,g)Xe-131g	JEF-2.2	2	[5,9,2,14,4,6]	3823
Xe-130(n,g)Xe-131m	JEF-2.2	2	[5,9,2,14,4,6]	3823
Xe-130(n,p)I-130g	TALYS-6a	0	[2]	71
Xe-130(n,p)I-130m	TALYS-6a	0	[2]	71
Xe-130(n,d)I-129	TALYS-6a	0	[8]	47
Xe-130(n,t)I-128	TALYS-6a	0	[8]	40
Xe-130(n,h)Te-128	TALYS-6a	0	[8]	38
Xe-130(n,a)Te-127g	TALYS-6a	0	[9,2,3]	3583
Xe-130(n,a)Te-127m	TALYS-6a	0	[9,2,3]	3583
Xe-130(n,2p)Te-129g	TALYS-6a	0		36
Xe-130(n,2p)Te-129m	TALYS-6a	0		36
Xe-130(n,pa)Sb-126g	TALYS-6a	0		38
Xe-130(n,pa)Sb-126m	TALYS-6a	0		38
Xe-130(n,pa)Sb-126n	TALYS-6a	0		37
Xe-130(n,pd)Te-128	TALYS-6a	0	[8]	29
Xe-130(n,pt)Te-127g	TALYS-6a	0		26
Xe-130(n,pt)Te-127m	TALYS-6a	0		26
Xe-130(n,da)Sb-125	TALYS-6a	0	[8]	30
Xe-130(n,5n)Xe-126	TALYS-6a	0		15
Xe-130(n,6n)Xe-125g	TALYS-6a	0		10
Xe-130(n,6n)Xe-125m	TALYS-6a	0		10
Xe-130(n,2nt)I-126	TALYS-6a	0	[8]	20
Xe-130(n,4np)I-126	TALYS-6a	0	[8]	14
Xe-130(n,3nd)I-126	TALYS-6a	0	[8]	15
Xe-130(n,n'da)Sb-124g	TALYS-6a	0		21
Xe-130(n,n'da)Sb-124m	TALYS-6a	0		21
Xe-130(n,n'da)Sb-124n	TALYS-6a	0		21
Xe-130(n,2npa)Sb-124g	TALYS-6a	0		19
Xe-130(n,2npa)Sb-124m	TALYS-6a	0		19
Xe-130(n,2npa)Sb-124n	TALYS-6a	0		19
Xe-130(n,7n)Xe-124	TALYS-6a	0		6
Xe-130(n,5np)I-125	TALYS-6a	0		11
Xe-130(n,6np)I-124	TALYS-6a	0		6
Xe-130(n,4na)Te-123g	TALYS-6a	0		16
Xe-130(n,4na)Te-123m	TALYS-6a	0		16
Xe-130(n,5na)Te-122	TALYS-6a	0	[8]	12
Xe-130(n,6na)Te-121g	TALYS-6a	0		7
Xe-130(n,6na)Te-121m	TALYS-6a	0		7
Xe-130(n,4nd)I-125	TALYS-6a	0		12
Xe-130(n,5nd)I-124	TALYS-6a	0		7
Xe-130(n,3nt)I-125	TALYS-6a	0	[8]	14
Xe-130(n,4nt)I-124	TALYS-6a	0	[8]	9
Xe-130(n,5nt)I-123	TALYS-6a	0	[8]	6
Xe-130(n,2nh)Te-126	TALYS-6a	0	[8]	19
Xe-130(n,3nh)Te-125g	TALYS-6a	0		14
Xe-130(n,3nh)Te-125m	TALYS-6a	0		13
Xe-130(n,4nh)Te-124	TALYS-6a	0	[8]	10
Xe-130(n,3n2p)Te-126	TALYS-6a	0	[8]	14
Xe-130(n,3n2a)Sn-120	TALYS-6a	0	[8]	16
Xe-130(n,3npa)Sb-123	TALYS-6a	0	[8]	15
Xe-130(n,n'pd)Te-127g	TALYS-6a	0		20
Xe-130(n,n'pd)Te-127m	TALYS-6a	0		20
Xe-130(n,n'pt)Te-126	TALYS-6a	0	[8]	20
Xe-130(n,n'dt)Te-125g	TALYS-6a	0		14
Xe-130(n,n'dt)Te-125m	TALYS-6a	0		14
Xe-130(n,n'ta)Sb-123	TALYS-6a	0	[8]	20
Xe-130(n,2n2p)Te-126	TALYS-6a	0		18
Xe-130(n,2n2p)Te-127m	TALYS-6a	0		18
Xe-130(n,4n2p)Te-125g	TALYS-6a	0		10

Reaction	Library		Refs	Value
Xe-130(n,4n2p)Te-125m	TALYS-6a	0		10
Xe-130(n,4n2a)Sn-119g	TALYS-6a	0		11
Xe-130(n,4n2a)Sn-119m	TALYS-6a	0		11
Xe-130(n,4npa)Sb-122g	TALYS-6a	0		10
Xe-130(n,4npa)Sb-122m	TALYS-6a	0		10
Xe-131(n,n')Xe-131m	TALYS-6a	0		89
Xe-131(n,2nd)I-128	TALYS-6a	0	[8]	23
Xe-131(n,2n)Xe-130	TALYS-6a	0		52
Xe-131(n,3n)Xe-129g	TALYS-6a	0		31
Xe-131(n,3n)Xe-129m	TALYS-6a	0		30
Xe-131(n,n'a)Te-127g	TALYS-6a	0		56
Xe-131(n,n'a)Te-127m	TALYS-6a	0		56
Xe-131(n,2na)Te-126	TALYS-6a	0	[8]	37
Xe-131(n,3na)Te-125g	TALYS-6a	0		25
Xe-131(n,3na)Te-125m	TALYS-6a	0		25
Xe-131(n,n'p)I-130g	TALYS-6a	0		42
Xe-131(n,n'p)I-130m	TALYS-6a	0		42
Xe-131(n,n'2a)Sn-123g	TALYS-6a	0		30
Xe-131(n,n'2a)Sn-123m	TALYS-6a	0		29
Xe-131(n,2n2a)Sn-122	TALYS-6a	0	[8]	24
Xe-131(n,n'd)I-129	TALYS-6a	0	[8]	32
Xe-131(n,n't)I-128	TALYS-6a	0	[8]	29
Xe-131(n,n'h)Te-128	TALYS-6a	0	[8]	28
Xe-131(n,4n)Xe-128	TALYS-6a	0		24
Xe-131(n,2np)I-129	TALYS-6a	0	[8]	30
Xe-131(n,3np)I-128	TALYS-6a	0	[8]	21
Xe-131(n,n'2p)Te-129g	TALYS-6a	0		27
Xe-131(n,n'2p)Te-129m	TALYS-6a	0		27
Xe-131(n,n'pa)Sb-126g	TALYS-6a	0		28
Xe-131(n,n'pa)Sb-126m	TALYS-6a	0		28
Xe-131(n,n'pa)Sb-126n	TALYS-6a	0		27
Xe-131(n,g)Xe-132	JEF-2.2	2	[9,2]	9149
Xe-131(n,p)I-131	TALYS-5a	2	[3,8]	82
Xe-131(n,d)I-130g	TALYS-6a	0		46
Xe-131(n,d)I-130m	TALYS-6a	0		46
Xe-131(n,t)I-129	TALYS-6a	0	[8]	45
Xe-131(n,h)Te-129g	TALYS-6a	0		36
Xe-131(n,h)Te-129m	TALYS-6a	0		36
Xe-131(n,a)Te-128	TALYS-6a	0	[9,2,3]	8952
Xe-131(n,2p)Te-130	TALYS-6a	0	[8]	40
Xe-131(n,pa)Sb-127	TALYS-6a	0	[8]	42
Xe-131(n,pd)Te-129g	TALYS-6a	0		28
Xe-131(n,pd)Te-129m	TALYS-6a	0		28
Xe-131(n,pt)Te-128	TALYS-6a	0	[8]	29
Xe-131(n,5n)Xe-127g	TALYS-6a	0		15
Xe-131(n,5n)Xe-127m	TALYS-6a	0		15
Xe-131(n,6n)Xe-126	TALYS-6a	0		12
Xe-131(n,2nt)I-127	TALYS-6a	0	[8]	22
Xe-131(n,ta)Sb-125	TALYS-6a	0	[8]	29
Xe-131(n,4np)I-127	TALYS-6a	0		16
Xe-131(n,3nd)I-127	TALYS-6a	0	[8]	16
Xe-131(n,n'da)Sb-125	TALYS-6a	0	[8]	23
Xe-131(n,2npa)Sb-125	TALYS-6a	0	[8]	21
Xe-131(n,7n)Xe-125g	TALYS-6a	0		6
Xe-131(n,7n)Xe-125m	TALYS-6a	0		6
Xe-131(n,5np)I-126	TALYS-6a	0		11
Xe-131(n,6np)I-125	TALYS-6a	0		8
Xe-131(n,4na)Te-124	TALYS-6a	0	[8]	18
Xe-131(n,5na)Te-123g	TALYS-6a	0		12
Xe-131(n,5na)Te-123m	TALYS-6a	0		12
Xe-131(n,6na)Te-122	TALYS-6a	0	[8]	9
Xe-131(n,4nd)I-126	TALYS-6a	0		12
Xe-131(n,5nd)I-125	TALYS-6a	0	[8]	8
Xe-131(n,3nt)I-126	TALYS-6a	0	[8]	15
Xe-131(n,4nt)I-125	TALYS-6a	0	[8]	11
Xe-131(n,5nt)I-124	TALYS-6a	0	[8]	6
Xe-131(n,2nh)Te-127g	TALYS-6a	0		20
Xe-131(n,2nh)Te-127m	TALYS-6a	0		19
Xe-131(n,3nh)Te-126	TALYS-6a	0	[8]	15
Xe-131(n,4nh)Te-125g	TALYS-6a	0		10
Xe-131(n,4nh)Te-125m	TALYS-6a	0		10
Xe-131(n,3n2p)Te-127g	TALYS-6a	0		14
Xe-131(n,3n2p)Te-127m	TALYS-6a	0		14
Xe-131(n,3n2a)Sn-121g	TALYS-6a	0		15
Xe-131(n,3n2a)Sn-121m	TALYS-6a	0		16
Xe-131(n,3npa)Sb-124g	TALYS-6a	0		14
Xe-131(n,3npa)Sb-124m	TALYS-6a	0		14
Xe-131(n,3npa)Sb-124n	TALYS-6a	0		14
Xe-131(n,n'pd)Te-128	TALYS-6a	0	[8]	22
Xe-131(n,n'pt)Te-127g	TALYS-6a	0		19
Xe-131(n,n'pt)Te-127m	TALYS-6a	0		19
Xe-131(n,n'dt)Te-126	TALYS-6a	0	[8]	15
Xe-131(n,n'ta)Sb-124g	TALYS-6a	0		20
Xe-131(n,n'ta)Sb-124m	TALYS-6a	0		20
Xe-131(n,n'ta)Sb-124n	TALYS-6a	0		20
Xe-131(n,2n2p)Te-128	TALYS-6a	0	[8]	21
Xe-131(n,4n2p)Te-126	TALYS-6a	0	[8]	11
Xe-131(n,4n2a)Sn-120	TALYS-6a	0	[8]	12
Xe-131(n,4npa)Sb-123	TALYS-6a	0	[8]	11
Xe-131m(n,n')Xe-131g	TALYS-6a	0	[8]	97
Xe-131m(n,2nd)I-128	TALYS-6a	0	[8]	23
Xe-131m(n,2n)Xe-130	TALYS-6a	0		53
Xe-131m(n,3n)Xe-129g	TALYS-6a	0		31
Xe-131m(n,3n)Xe-129m	TALYS-6a	0		30
Xe-131m(n,n'a)Te-127g	TALYS-6a	0		57
Xe-131m(n,n'a)Te-127m	TALYS-6a	0		57
Xe-131m(n,2na)Te-126	TALYS-6a	0	[8]	37
Xe-131m(n,3na)Te-125g	TALYS-6a	0		25
Xe-131m(n,3na)Te-125m	TALYS-6a	0		25
Xe-131m(n,n'p)I-130g	TALYS-6a	0		43
Xe-131m(n,n'p)I-130m	TALYS-6a	0		42
Xe-131m(n,n'2a)Sn-123g	TALYS-6a	0		30
Xe-131m(n,n'2a)Sn-123m	TALYS-6a	0		30
Xe-131m(n,2n2a)Sn-122	TALYS-6a	0	[8]	24
Xe-131m(n,n'd)I-129	TALYS-6a	0	[8]	33
Xe-131m(n,n't)I-128	TALYS-6a	0	[8]	29
Xe-131m(n,n'h)Te-128	TALYS-6a	0	[8]	28
Xe-131m(n,4n)Xe-128	TALYS-6a	0		24
Xe-131m(n,2np)I-129	TALYS-6a	0		31
Xe-131m(n,3np)I-128	TALYS-6a	0		22
Xe-131m(n,n'2p)Te-129g	TALYS-6a	0		27
Xe-131m(n,n'2p)Te-129m	TALYS-6a	0		27
Xe-131m(n,n'pa)Sb-126g	TALYS-6a	0		28
Xe-131m(n,n'pa)Sb-126m	TALYS-6a	0		28
Xe-131m(n,n'pa)Sb-126n	TALYS-6a	0		28
Xe-131m(n,g)Xe-132	JEF-2.2	0	[9,2]	9149
Xe-131m(n,p)I-131	TALYS-6a	0	[2,8]	83
Xe-131m(n,d)I-130g	TALYS-6a	0		47
Xe-131m(n,d)I-130m	TALYS-6a	0		47
Xe-131m(n,t)I-129	TALYS-6a	0	[8]	45
Xe-131m(n,h)Te-129g	TALYS-6a	0		36
Xe-131m(n,h)Te-129m	TALYS-6a	0		36
Xe-131m(n,a)Te-128	TALYS-6a	0	[9,2,3]	8952
Xe-131m(n,2p)Te-130	TALYS-6a	0	[8]	40
Xe-131m(n,pa)Sb-127	TALYS-6a	0	[8]	43
Xe-131m(n,pd)Te-129g	TALYS-6a	0		28
Xe-131m(n,pd)Te-129m	TALYS-6a	0		28
Xe-131m(n,pt)Te-128	TALYS-6a	0	[8]	29
Xe-131m(n,5n)Xe-127g	TALYS-6a	0		15
Xe-131m(n,5n)Xe-127m	TALYS-6a	0		15
Xe-131m(n,6n)Xe-126	TALYS-6a	0		12
Xe-131m(n,2nt)I-127	TALYS-6a	0	[8]	22
Xe-131m(n,ta)Sb-125	TALYS-6a	0	[8]	29
Xe-131m(n,4np)I-127	TALYS-6a	0		16
Xe-131m(n,3nd)I-127	TALYS-6a	0	[8]	16
Xe-131m(n,n'da)Sb-125	TALYS-6a	0	[8]	23
Xe-131m(n,2npa)Sb-125	TALYS-6a	0	[8]	22
Xe-131m(n,7n)Xe-125g	TALYS-6a	0		7
Xe-131m(n,7n)Xe-125m	TALYS-6a	0		6
Xe-131m(n,5np)I-126	TALYS-6a	0		11
Xe-131m(n,6np)I-125	TALYS-6a	0		8
Xe-131m(n,4na)Te-124	TALYS-6a	0	[8]	18
Xe-131m(n,5na)Te-123g	TALYS-6a	0		12
Xe-131m(n,5na)Te-123m	TALYS-6a	0		12
Xe-131m(n,6na)Te-122	TALYS-6a	0	[8]	9
Xe-131m(n,4nd)I-126	TALYS-6a	0	[8]	12
Xe-131m(n,5nd)I-125	TALYS-6a	0	[8]	8
Xe-131m(n,3nt)I-126	TALYS-6a	0	[8]	15
Xe-131m(n,4nt)I-125	TALYS-6a	0	[8]	11
Xe-131m(n,5nt)I-124	TALYS-6a	0	[8]	6
Xe-131m(n,2nh)Te-127g	TALYS-6a	0		20
Xe-131m(n,2nh)Te-127m	TALYS-6a	0		20
Xe-131m(n,3nh)Te-126	TALYS-6a	0	[8]	15
Xe-131m(n,4nh)Te-125g	TALYS-6a	0		10
Xe-131m(n,4nh)Te-125m	TALYS-6a	0		10
Xe-131m(n,3n2p)Te-127g	TALYS-6a	0		14
Xe-131m(n,3n2p)Te-127m	TALYS-6a	0		14
Xe-131m(n,3n2a)Sn-121g	TALYS-6a	0		15
Xe-131m(n,3n2a)Sn-121m	TALYS-6a	0		16
Xe-131m(n,3npa)Sb-124g	TALYS-6a	0		14
Xe-131m(n,3npa)Sb-124n	TALYS-6a	0		14
Xe-131m(n,n'pd)Te-128	TALYS-6a	0	[8]	23
Xe-131m(n,n'pt)Te-127g	TALYS-6a	0		19
Xe-131m(n,n'pt)Te-127m	TALYS-6a	0		19
Xe-131m(n,n'dt)Te-126	TALYS-6a	0	[8]	15
Xe-131m(n,n'ta)Sb-124g	TALYS-6a	0		20
Xe-131m(n,n'ta)Sb-124m	TALYS-6a	0		20
Xe-131m(n,n'ta)Sb-124n	TALYS-6a	0		20
Xe-131m(n,2n2p)Te-128	TALYS-6a	0	[8]	21
Xe-131m(n,4n2p)Te-126	TALYS-6a	0	[8]	11
Xe-131m(n,4n2a)Sn-120	TALYS-6a	0	[8]	12
Xe-131m(n,4npa)Sb-123	TALYS-6a	0	[8]	11
Xe-132(n,2nd)I-129	TALYS-6a	0	[8]	23
Xe-132(n,2n)Xe-131g	TALYS-6a	0		43
Xe-132(n,2n)Xe-131m	ADL-3	2	[13]	44
Xe-132(n,3n)Xe-130	TALYS-6a	0		31
Xe-132(n,n'a)Te-128	TALYS-6a	0	[8]	56
Xe-132(n,2na)Te-127g	TALYS-6a	0		31
Xe-132(n,2na)Te-127m	TALYS-6a	0		31
Xe-132(n,3na)Te-126	TALYS-6a	0	[8]	25
Xe-132(n,n'p)I-131	TALYS-6a	0	[8]	42
Xe-132(n,n'2a)Sn-124	TALYS-6a	0	[8]	29
Xe-132(n,2n2a)Sn-123g	TALYS-6a	0		20
Xe-132(n,2n2a)Sn-123m	TALYS-6a	0		20
Xe-132(n,n'd)I-130g	TALYS-6a	0		30
Xe-132(n,n'd)I-130m	TALYS-6a	0		29
Xe-132(n,n't)I-129	TALYS-6a	0	[8]	29
Xe-132(n,n'h)Te-129g	TALYS-6a	0		25
Xe-132(n,n'h)Te-129m	TALYS-6a	0		25
Xe-132(n,4n)Xe-129g	TALYS-6a	0		22
Xe-132(n,4n)Xe-129m	TALYS-6a	0		21
Xe-132(n,2np)I-130g	TALYS-6a	0		28
Xe-132(n,2np)I-130m	TALYS-6a	0		28
Xe-132(n,3np)I-129	TALYS-6a	0	[8]	21
Xe-132(n,n'2p)Te-130	TALYS-6a	0	[8]	26
Xe-132(n,n'pa)Sb-127	TALYS-6a	0	[8]	27
>Xe-132(n,g)Xe-133g	ENDF/B-VII	2	[13,4,6]	2827
>Xe-132(n,g)Xe-133m	ENDF/B-VII	2	[13,4,6]	2827
Xe-132(n,p)I-132g	TALYS-6a	0	[2]	68
Xe-132(n,p)I-132m	TALYS-6a	0	[2]	67
Xe-132(n,d)I-131	TALYS-6a	0	[8]	45
Xe-132(n,t)I-130g	TALYS-6a	0		40
Xe-132(n,t)I-130m	TALYS-6a	0		40
Xe-132(n,h)Te-130	TALYS-6a	0	[8]	35
Xe-132(n,a)Te-129g	TALYS-6a	0	[2]	100
Xe-132(n,a)Te-129m	TALYS-6a	0	[2]	100
Xe-132(n,2p)Te-131g	TALYS-6a	0		33
Xe-132(n,2p)Te-131m	TALYS-6a	0		33
Xe-132(n,pa)Sb-128g	TALYS-6a	0	[4,8]	30
Xe-132(n,pa)Sb-128m	TALYS-6a	0	[4,7,8,8]	29
Xe-132(n,pd)Te-130	TALYS-6a	0		28
Xe-132(n,da)Sb-127	TALYS-6a	0	[8]	29
Xe-132(n,5n)Xe-128	TALYS-6a	0		16
Xe-132(n,6n)Xe-127g	TALYS-6a	0		11
Xe-132(n,6n)Xe-127m	TALYS-6a	0		11
Xe-132(n,2nt)I-128	TALYS-6a	0	[8]	20
Xe-132(n,4np)I-128	TALYS-6a	0		15

Xe-132(n,3nd)I-128	TALYS-6a	0	[8]		15	Xe-133(n,3nh)Te-128	TALYS-6a	0 [8]	15
Xe-132(n,n'da)Sb-126g	TALYS-6a	0			20	Xe-133(n,4nh)Te-127g	TALYS-6a	0	10
Xe-132(n,n'da)Sb-126m	TALYS-6a	0			20	Xe-133(n,4nh)Te-127m	TALYS-6a	0	10
Xe-132(n,n'da)Sb-126n	TALYS-6a	0			20	Xe-133(n,3n2p)Te-129g	TALYS-6a	0	14
Xe-132(n,2npa)Sb-126g	TALYS-6a	0			18	Xe-133(n,3n2p)Te-129m	TALYS-6a	0	14
Xe-132(n,2npa)Sb-126m	TALYS-6a	0			18	Xe-133(n,3n2a)Sn-123g	TALYS-6a	0	15
Xe-132(n,2npa)Sb-126n	TALYS-6a	0			18	Xe-133(n,3n2a)Sn-123m	TALYS-6a	0	14
Xe-132(n,7n)Xe-126	TALYS-6a	0			7	Xe-133(n,3npa)Sb-126g	TALYS-6a	0	14
Xe-132(n,5np)I-127	TALYS-6a	0			11	Xe-133(n,3npa)Sb-126m	TALYS-6a	0	14
Xe-132(n,6np)I-126	TALYS-6a	0			7	Xe-133(n,3npa)Sb-126n	TALYS-6a	0	14
Xe-132(n,4na)Te-125g	TALYS-6a	0			16	Xe-133(n,n'pd)Te-130	TALYS-6a	0 [8]	21
Xe-132(n,4na)Te-125m	TALYS-6a	0			16	Xe-133(n,n'pt)Te-129g	TALYS-6a	0	18
Xe-132(n,5na)Te-124	TALYS-6a	0	[8]		13	Xe-133(n,n'pt)Te-129m	TALYS-6a	0	19
Xe-132(n,6na)Te-123g	TALYS-6a	0			8	Xe-133(n,n'dt)Te-128	TALYS-6a	0 [8]	15
Xe-132(n,6na)Te-123m	TALYS-6a	0			8	Xe-133(n,n'ta)Sb-126g	TALYS-6a	0	19
Xe-132(n,4nd)I-127	TALYS-6a	0	[8]		12	Xe-133(n,n'ta)Sb-126m	TALYS-6a	0	19
Xe-132(n,5nd)I-126	TALYS-6a	0	[8]		7	Xe-133(n,n'ta)Sb-126n	TALYS-6a	0	19
Xe-132(n,3nt)I-127	TALYS-6a	0	[8]		15	Xe-133(n,2n2p)Te-130	TALYS-6a	0 [8]	19
Xe-132(n,4nt)I-126	TALYS-6a	0	[8]		10	Xe-133(n,4n2p)Te-128	TALYS-6a	0 [8]	11
Xe-132(n,5nt)I-125	TALYS-6a	0	[8]		6	Xe-133(n,4n2a)Sn-122	TALYS-6a	0 [8]	12
Xe-132(n,2nh)Te-128	TALYS-6a	0	[8]		19	Xe-133(n,4npa)Sb-125	TALYS-6a	0 [8]	11
Xe-132(n,3nh)Te-127g	TALYS-6a	0			14	Xe-133m(n,n')Xe-133g	TALYS-6a	0 [8]	97
Xe-132(n,3nh)Te-127m	TALYS-6a	0			14	Xe-133m(n,2nd)I-130g	TALYS-6a	0	23
Xe-132(n,4nh)Te-126	TALYS-6a	0	[8]		10	Xe-133m(n,2nd)I-130m	TALYS-6a	0	23
Xe-132(n,3n2p)Te-128	TALYS-6a	0	[8]		14	Xe-133m(n,2n)Xe-132	TALYS-6a	0	54
Xe-132(n,3n2a)Sn-122	TALYS-6a	0	[8]		15	Xe-133m(n,3n)Xe-131g	TALYS-6a	0	31
Xe-132(n,3npa)Sb-125	TALYS-6a	0	[8]		14	Xe-133m(n,3n)Xe-131m	TALYS-6a	0	31
Xe-132(n,n'pd)Te-129g	TALYS-6a	0			19	Xe-133m(n,n'a)Te-129g	TALYS-6a	0	55
Xe-132(n,n'pd)Te-129m	TALYS-6a	0			19	Xe-133m(n,n'a)Te-129m	TALYS-6a	0	54
Xe-132(n,n'pt)Te-128	TALYS-6a	0	[8]		19	Xe-133m(n,2na)Te-128	TALYS-6a	0 [8]	37
Xe-132(n,n'dt)Te-127g	TALYS-6a	0			14	Xe-133m(n,3na)Te-127g	TALYS-6a	0	25
Xe-132(n,n'dt)Te-127m	TALYS-6a	0			14	Xe-133m(n,3na)Te-127m	TALYS-6a	0	25
Xe-132(n,n'ta)Sb-125	TALYS-6a	0	[8]		20	Xe-133m(n,n'p)I-132g	TALYS-6a	0	42
Xe-132(n,2n2p)Te-129g	TALYS-6a	0			17	Xe-133m(n,n'p)I-132m	TALYS-6a	0	42
Xe-132(n,2n2p)Te-129m	TALYS-6a	0			17	Xe-133m(n,n'2a)Sn-125g	TALYS-6a	0	29
Xe-132(n,4n2p)Te-127g	TALYS-6a	0			9	Xe-133m(n,n'2a)Sn-125m	TALYS-6a	0	28
Xe-132(n,4n2p)Te-127m	TALYS-6a	0			9	Xe-133m(n,2n2a)Sn-124	TALYS-6a	0 [8]	22
Xe-132(n,4n2a)Sn-121g	TALYS-6a	0			10	Xe-133m(n,n'd)I-131	TALYS-6a	0 [8]	32
Xe-132(n,4n2a)Sn-121m	TALYS-6a	0			11	Xe-133m(n,n't)I-130g	TALYS-6a	0	29
Xe-132(n,4npa)Sb-124g	TALYS-6a	0			10	Xe-133m(n,n't)I-130m	TALYS-6a	0	29
Xe-132(n,4npa)Sb-124m	TALYS-6a	0			10	Xe-133m(n,n'h)Te-130	TALYS-6a	0 [8]	27
Xe-132(n,4npa)Sb-124n	TALYS-6a	0			10	Xe-133m(n,4n)Xe-130	TALYS-6a	0	25
Xe-133(n,n')Xe-133m	TALYS-6a	0			88	Xe-133m(n,2np)I-131	TALYS-6a	0 [8]	30
Xe-133(n,2nd)I-130g	TALYS-6a	0			23	Xe-133m(n,3np)I-130g	TALYS-6a	0	22
Xe-133(n,2nd)I-130m	TALYS-6a	0			23	Xe-133m(n,3np)I-130m	TALYS-6a	0	22
Xe-133(n,2n)Xe-132	TALYS-6a	0			53	Xe-133m(n,n'2p)Te-131g	TALYS-6a	0	26
Xe-133(n,3n)Xe-131g	TALYS-6a	0			31	Xe-133m(n,n'2p)Te-131m	TALYS-6a	0	26
Xe-133(n,3n)Xe-131m	TALYS-6a	0			31	Xe-133m(n,n'pa)Sb-128g	TALYS-6a	0 [4,8]	26
Xe-133(n,n'a)Te-129g	TALYS-6a	0			54	Xe-133m(n,n'pa)Sb-128m	TALYS-6a	0 [4,7,8,8]	25
Xe-133(n,n'a)Te-129m	TALYS-6a	0			53	>Xe-133m(n,g)Xe-134g	TALYS-6a	0	100
Xe-133(n,2na)Te-128	TALYS-6a	0	[8]		36	>Xe-133m(n,g)Xe-134m	TALYS-6a	0	100
Xe-133(n,3na)Te-127g	TALYS-6a	0			25	Xe-133m(n,p)I-133g	TALYS-6a	0 [4,2,8]	78
Xe-133(n,3na)Te-127m	TALYS-6a	0			25	Xe-133m(n,p)I-133m	TALYS-6a	0 [4,7,8,2,8]	71
Xe-133(n,n'p)I-132g	TALYS-6a	0			41	Xe-133m(n,d)I-132g	TALYS-6a	0	45
Xe-133(n,n'p)I-132m	TALYS-6a	0			41	Xe-133m(n,d)I-132m	TALYS-6a	0	45
Xe-133(n,n'2a)Sn-125g	TALYS-6a	0			28	Xe-133m(n,t)I-131	TALYS-6a	0 [8]	45
Xe-133(n,n'2a)Sn-125m	TALYS-6a	0			27	Xe-133m(n,h)Te-131g	TALYS-6a	0	34
Xe-133(n,2n2a)Sn-124	TALYS-6a	0	[8]		22	Xe-133m(n,h)Te-131m	TALYS-6a	0	34
Xe-133(n,n'd)I-131	TALYS-6a	0	[8]		32	Xe-133m(n,a)Te-130	TALYS-6a	0 [2]	100
Xe-133(n,n't)I-130g	TALYS-6a	0			29	Xe-133m(n,2p)Te-132	TALYS-6a	0 [8]	37
Xe-133(n,n't)I-130m	TALYS-6a	0			29	Xe-133m(n,pa)Sb-129g	TALYS-6a	0 [4,8]	40
Xe-133(n,n'h)Te-130	TALYS-6a	0	[8]		27	Xe-133m(n,pa)Sb-129m	TALYS-6a	0 [4,7,8,8]	39
Xe-133(n,4n)Xe-130	TALYS-6a	0			24	Xe-133m(n,pd)Te-131g	TALYS-6a	0	27
Xe-133(n,2np)I-131	TALYS-6a	0	[8]		30	Xe-133m(n,pd)Te-131m	TALYS-6a	0	27
Xe-133(n,3np)I-130g	TALYS-6a	0			22	Xe-133m(n,5n)Xe-129g	TALYS-6a	0	16
Xe-133(n,3np)I-130m	TALYS-6a	0			22	Xe-133m(n,5n)Xe-129m	TALYS-6a	0	16
Xe-133(n,n'2p)Te-131g	TALYS-6a	0			25	Xe-133m(n,6n)Xe-128	TALYS-6a	0	12
Xe-133(n,n'2p)Te-131m	TALYS-6a	0			25	Xe-133m(n,2nt)I-129	TALYS-6a	0 [8]	23
Xe-133(n,n'pa)Sb-128g	TALYS-6a	0	[4,8]		25	Xe-133m(n,4np)I-129	TALYS-6a	0	16
Xe-133(n,n'pa)Sb-128m	TALYS-6a	0	[4,7,8,8]		24	Xe-133m(n,3nd)I-129	TALYS-6a	0 [8]	17
>Xe-133(n,g)Xe-134g	TALYS-6a	0			100	Xe-133m(n,n'da)Sb-127	TALYS-6a	0 [8]	22
>Xe-133(n,g)Xe-134m	TALYS-6a	0			100	Xe-133m(n,2npa)Sb-127	TALYS-6a	0 [8]	21
Xe-133(n,p)I-133g	TALYS-6a	0	[4,2,8]		77	Xe-133m(n,7n)Xe-127g	TALYS-6a	0	8
Xe-133(n,p)I-133m	TALYS-6a	0	[4,7,8,2,8]		70	Xe-133m(n,7n)Xe-127m	TALYS-6a	0	7
Xe-133(n,d)I-132g	TALYS-6a	0			45	Xe-133m(n,8n)Xe-126	TALYS-6a	0	4
Xe-133(n,d)I-132m	TALYS-6a	0			45	Xe-133m(n,5np)I-128	TALYS-6a	0	12
Xe-133(n,t)I-131	TALYS-6a	0	[8]		44	Xe-133m(n,6np)I-127	TALYS-6a	0	8
Xe-133(n,h)Te-131g	TALYS-6a	0			34	Xe-133m(n,4na)Te-126	TALYS-6a	0 [8]	18
Xe-133(n,h)Te-131m	TALYS-6a	0			34	Xe-133m(n,5na)Te-125g	TALYS-6a	0	13
Xe-133(n,a)Te-130	TALYS-6a	0	[2]		100	Xe-133m(n,5na)Te-125m	TALYS-6a	0	13
Xe-133(n,2p)Te-132	TALYS-6a	0	[8]		37	Xe-133m(n,6na)Te-124	TALYS-6a	0 [8]	9
Xe-133(n,pa)Sb-129g	TALYS-6a	0	[4,8]		40	Xe-133m(n,4nd)I-128	TALYS-6a	0 [8]	12
Xe-133(n,pa)Sb-129m	TALYS-6a	0	[4,7,8,8]		39	Xe-133m(n,5nd)I-127	TALYS-6a	0	9
Xe-133(n,pd)Te-131g	TALYS-6a	0			27	Xe-133m(n,3nt)I-128	TALYS-6a	0 [8]	15
Xe-133(n,pd)Te-131m	TALYS-6a	0			27	Xe-133m(n,4nt)I-127	TALYS-6a	0 [8]	12
Xe-133(n,5n)Xe-129g	TALYS-6a	0			16	Xe-133m(n,5nt)I-126	TALYS-6a	0 [8]	7
Xe-133(n,5n)Xe-129m	TALYS-6a	0			16	Xe-133m(n,2nh)Te-129g	TALYS-6a	0	19
Xe-133(n,6n)Xe-128	TALYS-6a	0			12	Xe-133m(n,2nh)Te-129m	TALYS-6a	0	19
Xe-133(n,2nt)I-129	TALYS-6a	0	[8]		22	Xe-133m(n,3nh)Te-128	TALYS-6a	0 [8]	15
Xe-133(n,4np)I-129	TALYS-6a	0			16	Xe-133m(n,4nh)Te-127g	TALYS-6a	0	10
Xe-133(n,3nd)I-129	TALYS-6a	0	[8]		17	Xe-133m(n,4nh)Te-127m	TALYS-6a	0	10
Xe-133(n,n'da)Sb-127	TALYS-6a	0	[8]		22	Xe-133m(n,3n2p)Te-129g	TALYS-6a	0	14
Xe-133(n,2npa)Sb-127	TALYS-6a	0	[8]		21	Xe-133m(n,3n2p)Te-129m	TALYS-6a	0	14
Xe-133(n,7n)Xe-127g	TALYS-6a	0			7	Xe-133m(n,3n2a)Sn-123g	TALYS-6a	0	15
Xe-133(n,7n)Xe-127m	TALYS-6a	0			7	Xe-133m(n,3n2a)Sn-123m	TALYS-6a	0	15
Xe-133(n,8n)Xe-126	TALYS-6a	0			4	Xe-133m(n,3npa)Sb-126g	TALYS-6a	0	14
Xe-133(n,5np)I-128	TALYS-6a	0	[8]		11	Xe-133m(n,3npa)Sb-126m	TALYS-6a	0	14
Xe-133(n,6np)I-127	TALYS-6a	0			8	Xe-133m(n,3npa)Sb-126n	TALYS-6a	0	14
Xe-133(n,4na)Te-126	TALYS-6a	0	[8]		18	Xe-133m(n,n'pd)Te-130	TALYS-6a	0 [8]	21
Xe-133(n,5na)Te-125g	TALYS-6a	0			13	Xe-133m(n,n'pt)Te-129g	TALYS-6a	0	19
Xe-133(n,5na)Te-125m	TALYS-6a	0			13	Xe-133m(n,n'pt)Te-129m	TALYS-6a	0	19
Xe-133(n,6na)Te-124	TALYS-6a	0	[8]		9	Xe-133m(n,n'dt)Te-128	TALYS-6a	0 [8]	15
Xe-133(n,4nd)I-128	TALYS-6a	0	[8]		12	Xe-133m(n,n'ta)Sb-126g	TALYS-6a	0	20
Xe-133(n,5nd)I-127	TALYS-6a	0			9	Xe-133m(n,n'ta)Sb-126m	TALYS-6a	0	19
Xe-133(n,3nt)I-128	TALYS-6a	0	[8]		15	Xe-133m(n,n'ta)Sb-126n	TALYS-6a	0	19
Xe-133(n,4nt)I-127	TALYS-6a	0	[8]		11	Xe-133m(n,2n2p)Te-130	TALYS-6a	0 [8]	20
Xe-133(n,5nt)I-126	TALYS-6a	0	[8]		7	Xe-133m(n,4n2p)Te-128	TALYS-6a	0 [8]	11
Xe-133(n,2nh)Te-129g	TALYS-6a	0			19	Xe-133m(n,4n2a)Sn-122	TALYS-6a	0 [8]	12
Xe-133(n,2nh)Te-129m	TALYS-6a	0			19	Xe-133m(n,4npa)Sb-125	TALYS-6a	0 [8]	11

Reaction	Library			
Xe-134(n,n')Xe-134m	TALYS-6a	0		76
Xe-134(n,2nd)I-131	TALYS-6a	0	[8]	23
Xe-134(n,2n)Xe-133g	JEF-2.2	2	[13,4,3,7,8]	39
Xe-134(n,2n)Xe-133m	JEF-2.2	2	[13,4,7,8,3]	38
Xe-134(n,3n)Xe-132	TALYS-6a	0		31
Xe-134(n,n'a)Te-130	TALYS-6a	0	[8]	53
Xe-134(n,2na)Te-129g	TALYS-6a	0		31
Xe-134(n,2na)Te-129m	TALYS-6a	0		31
Xe-134(n,3na)Te-128	TALYS-6a	0	[8]	25
Xe-134(n,n'p)I-133g	TALYS-6a	0	[4,8]	41
Xe-134(n,n'p)I-133m	TALYS-6a	0	[4,7,8,8]	37
Xe-134(n,n'2a)Sn-126	TALYS-6a	0	[8]	27
Xe-134(n,2n2a)Sn-125g	TALYS-6a	0		19
Xe-134(n,2n2a)Sn-125m	TALYS-6a	0		18
Xe-134(n,n'd)I-132g	TALYS-6a	0		29
Xe-134(n,n'd)I-132m	TALYS-6a	0		29
Xe-134(n,n't)I-131	TALYS-6a	0	[8]	29
Xe-134(n,n'h)Te-131g	TALYS-6a	0		24
Xe-134(n,n'h)Te-131m	TALYS-6a	0		24
Xe-134(n,4n)Xe-131g	TALYS-6a	0		22
Xe-134(n,4n)Xe-131m	TALYS-6a	0		22
Xe-134(n,2np)I-132g	TALYS-6a	0		28
Xe-134(n,2np)I-132m	TALYS-6a	0		28
Xe-134(n,3np)I-131	TALYS-6a	0		22
Xe-134(n,n'2p)Te-132	TALYS-6a	0	[8]	25
Xe-134(n,n'pa)Sb-129g	TALYS-6a	0	[4,8]	26
Xe-134(n,n'pa)Sb-129m	TALYS-6a	0	[4,7,8,8]	25
>Xe-134(n,g)Xe-135g	ENDF/B-VII	2	[13,4,6,3]	2114
>Xe-134(n,g)Xe-135m	ENDF/B-VII	2	[13,4,6,3]	2114
Xe-134(n,p)I-134g	TALYS-6a	0	[2]	65
Xe-134(n,p)I-134m	TALYS-6a	0	[2]	63
Xe-134(n,d)I-133g	TALYS-6a	0	[4,8]	44
Xe-134(n,d)I-133m	TALYS-6a	0	[4,7,8,8]	41
Xe-134(n,t)I-132g	TALYS-6a	0		40
Xe-134(n,t)I-132m	TALYS-6a	0		39
Xe-134(n,h)Te-132	TALYS-6a	0	[8]	33
Xe-134(n,a)Te-131g	TALYS-6a	0	[2]	100
Xe-134(n,a)Te-131m	TALYS-6a	0	[2]	100
Xe-134(n,2p)Te-133g	TALYS-6a	0		31
Xe-134(n,2p)Te-133m	TALYS-6a	0		31
Xe-134(n,pd)Te-132	TALYS-6a	0	[8]	27
Xe-134(n,5n)Xe-130	TALYS-6a	0		16
Xe-134(n,6n)Xe-129g	TALYS-6a	0		11
Xe-134(n,6n)Xe-129m	TALYS-6a	0		11
Xe-134(n,2nt)I-130g	TALYS-6a	0		20
Xe-134(n,2nt)I-130m	TALYS-6a	0		20
Xe-134(n,4np)I-130g	TALYS-6a	0		15
Xe-134(n,4np)I-130m	TALYS-6a	0		15
Xe-134(n,3nd)I-130g	TALYS-6a	0		16
Xe-134(n,3nd)I-130m	TALYS-6a	0		15
Xe-134(n,n'da)Sb-128g	TALYS-6a	0	[4,8]	19
Xe-134(n,n'da)Sb-128m	TALYS-6a	0	[4,7,8,8]	18
Xe-134(n,2npa)Sb-128g	TALYS-6a	0	[4,8]	17
Xe-134(n,2npa)Sb-128m	TALYS-6a	0	[4,7,8,8]	16
Xe-134(n,7n)Xe-128	TALYS-6a	0		8
Xe-134(n,8n)Xe-127g	TALYS-6a	0		3
Xe-134(n,8n)Xe-127m	TALYS-6a	0		3
Xe-134(n,5np)I-129	TALYS-6a	0		12
Xe-134(n,6np)I-128	TALYS-6a	0		7
Xe-134(n,4na)Te-127g	TALYS-6a	0		16
Xe-134(n,4na)Te-127m	TALYS-6a	0		16
Xe-134(n,5na)Te-126	TALYS-6a	0	[8]	13
Xe-134(n,6na)Te-125g	TALYS-6a	0		8
Xe-134(n,6na)Te-125m	TALYS-6a	0		8
Xe-134(n,4nd)I-129	TALYS-6a	0	[8]	12
Xe-134(n,5nd)I-128	TALYS-6a	0		8
Xe-134(n,3nt)I-129	TALYS-6a	0	[8]	12
Xe-134(n,4nt)I-128	TALYS-6a	0	[8]	11
Xe-134(n,5nt)I-127	TALYS-6a	0	[8]	7
Xe-134(n,2nh)Te-130	TALYS-6a	0	[8]	19
Xe-134(n,3nh)Te-129g	TALYS-6a	0		13
Xe-134(n,3nh)Te-129m	TALYS-6a	0		13
Xe-134(n,4nh)Te-128	TALYS-6a	0	[8]	10
Xe-134(n,3n2p)Te-130	TALYS-6a	0	[8]	14
Xe-134(n,3n2a)Sn-124	TALYS-6a	0	[8]	15
Xe-134(n,3npa)Sb-127	TALYS-6a	0	[8]	14
Xe-134(n,n'pd)Te-131g	TALYS-6a	0		18
Xe-134(n,n'pd)Te-131m	TALYS-6a	0		18
Xe-134(n,n'pt)Te-130	TALYS-6a	0	[8]	18
Xe-134(n,n'ta)Sb-127	TALYS-6a	0	[8]	19
Xe-134(n,2n2p)Te-131g	TALYS-6a	0		17
Xe-134(n,2n2p)Te-131m	TALYS-6a	0		17
Xe-134(n,4n2p)Te-129g	TALYS-6a	0		9
Xe-134(n,4n2p)Te-129m	TALYS-6a	0		9
Xe-134(n,4n2a)Sn-123g	TALYS-6a	0		10
Xe-134(n,4n2a)Sn-123m	TALYS-6a	0		10
Xe-134(n,4npa)Sb-126g	TALYS-6a	0		9
Xe-134(n,4npa)Sb-126m	TALYS-6a	0		9
Xe-134(n,4npa)Sb-126n	TALYS-6a	0		9
Xe-135(n,n')Xe-135m	TALYS-6a	0		85
Xe-135(n,2nd)I-132g	TALYS-6a	0		23
Xe-135(n,2nd)I-132m	TALYS-6a	0		23
Xe-135(n,2n)Xe-134g	TALYS-6a	0		53
Xe-135(n,2n)Xe-134m	TALYS-6a	0		45
Xe-135(n,3n)Xe-133g	TALYS-6a	0		31
Xe-135(n,3n)Xe-133m	TALYS-6a	0		31
Xe-135(n,n'a)Te-131g	TALYS-6a	0		50
Xe-135(n,n'a)Te-131m	TALYS-6a	0		50
Xe-135(n,2na)Te-130	TALYS-6a	0	[8]	35
Xe-135(n,3na)Te-129g	TALYS-6a	0		25
Xe-135(n,3na)Te-129m	TALYS-6a	0		25
Xe-135(n,n'p)I-134g	TALYS-6a	0		40
Xe-135(n,n'p)I-134m	TALYS-6a	0		40
Xe-135(n,2n2a)Sn-126	TALYS-6a	0	[8]	20
Xe-135(n,n'd)I-133g	TALYS-6a	0	[4,8]	31
Xe-135(n,n'd)I-133m	TALYS-6a	0	[4,7,8,8]	29
Xe-135(n,n't)I-132g	TALYS-6a	0		29
Xe-135(n,n't)I-132m	TALYS-6a	0		29
Xe-135(n,n'h)Te-132	TALYS-6a	0	[8]	26
Xe-135(n,4n)Xe-132	TALYS-6a	0		25
Xe-135(n,2np)I-133g	TALYS-6a	0	[4]	30
Xe-135(n,2np)I-133m	TALYS-6a	0	[4,7,8]	28
Xe-135(n,3np)I-132g	TALYS-6a	0		22
Xe-135(n,3np)I-132m	TALYS-6a	0		21
Xe-135(n,n'2p)Te-133g	TALYS-6a	0		24
Xe-135(n,n'2p)Te-133m	TALYS-6a	0		24
Xe-135(n,n'pa)Sb-130g	TALYS-6a	0		25
Xe-135(n,n'pa)Sb-130m	TALYS-6a	0		24
Xe-135(n,g)Xe-136	JENDL-3.2	2	[13]	640
Xe-135(n,p)I-135	TALYS-6a	0	[2,8]	73
Xe-135(n,d)I-134g	TALYS-6a	0		44
Xe-135(n,d)I-134m	TALYS-6a	0		43
Xe-135(n,t)I-133g	TALYS-6a	0	[4,8]	44
Xe-135(n,t)I-133m	TALYS-6a	0	[4,7,8,8]	41
Xe-135(n,h)Te-133g	TALYS-6a	0		32
Xe-135(n,h)Te-133m	TALYS-6a	0		32
Xe-135(n,a)Te-132	TALYS-6a	0	[2]	100
Xe-135(n,2p)Te-134	TALYS-6a	0	[8]	33
Xe-135(n,pa)Sb-131	TALYS-6a	0	[8]	35
Xe-135(n,pd)Te-133g	TALYS-6a	0		26
Xe-135(n,pd)Te-133m	TALYS-6a	0		26
Xe-135(n,5n)Xe-131g	TALYS-6a	0		16
Xe-135(n,5n)Xe-131m	TALYS-6a	0		16
Xe-135(n,6n)Xe-130	TALYS-6a	0		13
Xe-135(n,2nt)I-131	TALYS-6a	0	[8]	22
Xe-135(n,4np)I-131	TALYS-6a	0		16
Xe-135(n,3nd)I-131	TALYS-6a	0	[8]	17
Xe-135(n,n'da)Sb-129g	TALYS-6a	0	[4,8]	21
Xe-135(n,n'da)Sb-129m	TALYS-6a	0	[4,7,8,8]	20
Xe-135(n,2npa)Sb-129g	TALYS-6a	0	[4,8]	19
Xe-135(n,2npa)Sb-129m	TALYS-6a	0	[4,7,8,8]	18
Xe-135(n,7n)Xe-129g	TALYS-6a	0		8
Xe-135(n,7n)Xe-129m	TALYS-6a	0		8
Xe-135(n,8n)Xe-128	TALYS-6a	0		5
Xe-135(n,5np)I-130g	TALYS-6a	0		12
Xe-135(n,5np)I-130m	TALYS-6a	0		12
Xe-135(n,6np)I-129	TALYS-6a	0	[8]	8
Xe-135(n,4na)Te-128	TALYS-6a	0	[8]	18
Xe-135(n,5na)Te-127g	TALYS-6a	0		13
Xe-135(n,5na)Te-127m	TALYS-6a	0		13
Xe-135(n,6na)Te-126	TALYS-6a	0	[8]	10
Xe-135(n,4nd)I-130g	TALYS-6a	0		12
Xe-135(n,4nd)I-130m	TALYS-6a	0		12
Xe-135(n,5nd)I-129	TALYS-6a	0	[8]	9
Xe-135(n,6nd)I-128	TALYS-6a	0		5
Xe-135(n,3nt)I-130g	TALYS-6a	0		15
Xe-135(n,3nt)I-130m	TALYS-6a	0		15
Xe-135(n,4nt)I-129	TALYS-6a	0	[8]	12
Xe-135(n,5nt)I-128	TALYS-6a	0	[8]	7
Xe-135(n,2nh)Te-131g	TALYS-6a	0		18
Xe-135(n,2nh)Te-131m	TALYS-6a	0		18
Xe-135(n,3nh)Te-130	TALYS-6a	0	[8]	14
Xe-135(n,4nh)Te-129g	TALYS-6a	0		10
Xe-135(n,4nh)Te-129m	TALYS-6a	0		10
Xe-135(n,3n2p)Te-131g	TALYS-6a	0		13
Xe-135(n,3n2p)Te-131m	TALYS-6a	0		13
Xe-135(n,3n2a)Sn-125g	TALYS-6a	0		14
Xe-135(n,3n2a)Sn-125m	TALYS-6a	0		14
Xe-135(n,3npa)Sb-128g	TALYS-6a	0	[4,8]	14
Xe-135(n,3npa)Sb-128m	TALYS-6a	0	[4,7,8,8]	13
Xe-135(n,n'pd)Te-132	TALYS-6a	0	[8]	20
Xe-135(n,n'pt)Te-131g	TALYS-6a	0		18
Xe-135(n,n'pt)Te-131m	TALYS-6a	0		18
Xe-135(n,n'dt)Te-130	TALYS-6a	0	[8]	15
Xe-135(n,n'ta)Sb-128g	TALYS-6a	0	[4,8]	16
Xe-135(n,n'ta)Sb-128m	TALYS-6a	0	[4,7,8,8]	15
Xe-135(n,2n2p)Te-132	TALYS-6a	0	[8]	18
Xe-135(n,4n2p)Te-130	TALYS-6a	0	[8]	10
Xe-135(n,4n2a)Sn-124	TALYS-6a	0	[8]	11
Xe-135(n,4npa)Sb-127	TALYS-6a	0	[8]	11
Xe-136(n,2nd)I-133g	TALYS-6a	0	[4,8]	23
Xe-136(n,2nd)I-133m	TALYS-6a	0	[4,7,8,8]	21
Xe-136(n,2n)Xe-135g	JEF-2.2	2	[13,4,3,7,8]	40
Xe-136(n,2n)Xe-135m	JEF-2.2	2	[13,4,7,8,3]	38
Xe-136(n,3n)Xe-134g	TALYS-6a	0		32
Xe-136(n,3n)Xe-134m	TALYS-6a	0		30
Xe-136(n,n'a)Te-132	TALYS-6a	0	[8]	51
Xe-136(n,2na)Te-131g	TALYS-6a	0		31
Xe-136(n,2na)Te-131m	TALYS-6a	0		31
Xe-136(n,3na)Te-130	TALYS-6a	0	[8]	25
Xe-136(n,n'p)I-135	TALYS-6a	0	[8]	40
Xe-136(n,2n2a)Sn-127g	TALYS-6a	0		17
Xe-136(n,2n2a)Sn-127m	TALYS-6a	0		16
Xe-136(n,n'd)I-134g	TALYS-6a	0		29
Xe-136(n,n'd)I-134m	TALYS-6a	0		29
Xe-136(n,n't)I-133g	TALYS-6a	0	[4,8]	29
Xe-136(n,n't)I-133m	TALYS-6a	0	[4,7,8,8]	27
Xe-136(n,n'h)Te-133g	TALYS-6a	0		24
Xe-136(n,n'h)Te-133m	TALYS-6a	0		23
Xe-136(n,4n)Xe-133g	TALYS-6a	0		23
Xe-136(n,4n)Xe-133m	TALYS-6a	0		23
Xe-136(n,2np)I-134g	TALYS-6a	0		28
Xe-136(n,2np)I-134m	TALYS-6a	0		27
Xe-136(n,3np)I-133g	TALYS-6a	0	[4]	22
Xe-136(n,3np)I-133m	TALYS-6a	0	[4,7,8]	20
Xe-136(n,n'2p)Te-134	TALYS-6a	0	[8]	24
Xe-136(n,n'pa)Sb-131	TALYS-6a	0	[8]	24
Xe-136(n,g)Xe-137	JENDL-3.2	2	[13]	9166
Xe-136(n,p)I-136g	TALYS-6a	0	[2]	51
Xe-136(n,p)I-136m	TALYS-6a	0	[2]	48
Xe-136(n,d)I-135	TALYS-6a	0	[8]	44
Xe-136(n,t)I-134g	TALYS-6a	0		40
Xe-136(n,t)I-134m	TALYS-6a	0		39
Xe-136(n,h)Te-134	TALYS-6a	0	[8]	31
Xe-136(n,a)Te-133g	TALYS-6a	0	[2]	100
Xe-136(n,a)Te-133m	TALYS-6a	0	[2]	100
Xe-136(n,2p)Te-135	TALYS-6a	0	[8]	27
Xe-136(n,pd)Te-134	TALYS-6a	0	[8]	25

Xe-136(n,5n)Xe-132	TALYS-6a	0		17	Cs-127(n,3nt)Xe-122	TALYS-6a	0 [8,7,8]	14
Xe-136(n,6n)Xe-131g	TALYS-6a	0		12	Cs-127(n,4nt)Xe-121	TALYS-6a	0 [8]	9
Xe-136(n,6n)Xe-131m	TALYS-6a	0		12	Cs-127(n,2nh)I-123	TALYS-6a	0 [8,7,8]	21
Xe-136(n,2nt)I-132g	TALYS-6a	0		21	Cs-127(n,3nh)I-122	TALYS-6a	0 [8,7,8]	14
Xe-136(n,2nt)I-132m	TALYS-6a	0		21	Cs-127(n,4nh)I-121	TALYS-6a	0 [8,7,8]	10
Xe-136(n,4np)I-132g	TALYS-6a	0		15	Cs-127(n,3n2p)I-123	TALYS-6a	0 [8,7,8]	15
Xe-136(n,4np)I-132m	TALYS-6a	0		15	Cs-127(n,3n2a)Sb-117	TALYS-6a	0 [8]	17
Xe-136(n,3nd)I-132g	TALYS-6a	0		16	Cs-127(n,3npa)Te-120	TALYS-6a	0 [8,7,8]	17
Xe-136(n,3nd)I-132m	TALYS-6a	0		16	Cs-127(n,dt)I-123	TALYS-6a	0 [8,7,8]	22
Xe-136(n,2npa)Sb-130g	TALYS-6a	0		16	Cs-127(n,n'pd)I-124	TALYS-6a	0 [8]	23
Xe-136(n,2npa)Sb-130m	TALYS-6a	0		16	Cs-127(n,n'pt)I-123	TALYS-6a	0 [8,7,8]	21
Xe-136(n,7n)Xe-130	TALYS-6a	0		9	Cs-127(n,n'dt)I-122	TALYS-6a	0 [8,7,8]	14
Xe-136(n,8n)Xe-129g	TALYS-6a	0		4	Cs-127(n,n'ph)Te-123g	TALYS-6a	0	19
Xe-136(n,8n)Xe-129m	TALYS-6a	0		4	Cs-127(n,n'ph)Te-123m	TALYS-6a	0	19
Xe-136(n,5np)I-131	TALYS-6a	0		12	Cs-127(n,n'dh)Te-122	TALYS-6a	0 [8,7,8]	14
Xe-136(n,6np)I-130g	TALYS-6a	0		8	Cs-127(n,n'th)Te-121g	TALYS-6a	0	12
Xe-136(n,6np)I-130m	TALYS-6a	0		7	Cs-127(n,n'th)Te-121m	TALYS-6a	0	12
Xe-136(n,4na)Te-129g	TALYS-6a	0		16	Cs-127(n,n'ta)Te-120	TALYS-6a	0 [8,7,8]	24
Xe-136(n,4na)Te-129m	TALYS-6a	0		16	Cs-127(n,2n2p)I-124	TALYS-6a	0 [8]	22
Xe-136(n,5na)Te-128	TALYS-6a	0 [8]		13	Cs-127(n,ph)Te-124	TALYS-6a	0 [8]	29
Xe-136(n,6na)Te-127g	TALYS-6a	0		9	Cs-127(n,ha)Sb-121	TALYS-6a	0 [8]	29
Xe-136(n,6na)Te-127m	TALYS-6a	0		9	Cs-127(n,4n2p)I-122	TALYS-6a	0 [8,7,8]	10
Xe-136(n,4nd)I-131	TALYS-6a	0		13	Cs-127(n,4n2a)Sb-116g	TALYS-6a	0	11
Xe-136(n,5nd)I-130g	TALYS-6a	0		8	Cs-127(n,4n2a)Sb-116m	TALYS-6a	0	11
Xe-136(n,5nd)I-130m	TALYS-6a	0		8	Cs-127(n,4npa)Te-119g	TALYS-6a	0	11
Xe-136(n,6nd)I-129	TALYS-6a	0 [8]		5	Cs-127(n,4npa)Te-119m	TALYS-6a	0	11
Xe-136(n,3nt)I-131	TALYS-6a	0 [8]		15	Cs-127(n,n'3p)Te-124	TALYS-6a	0 [8]	22
Xe-136(n,4nt)I-130g	TALYS-6a	0		11	Cs-127(n,3n2pa)Sb-119g	TALYS-6a	0 [4,8]	11
Xe-136(n,4nt)I-130m	TALYS-6a	0		11	Cs-127(n,3n2pa)Sb-119m	TALYS-6a	0 [4,7,8,8]	10
Xe-136(n,5nt)I-129	TALYS-6a	0 [8]		8	Cs-127(n,5n2p)I-121	TALYS-6a	0 [8,7,8]	6
Xe-136(n,2nh)Te-132	TALYS-6a	0 [8]		18	Cs-129(n,2nd)Xe-126	TALYS-6a	0 [8]	26
Xe-136(n,3nh)Te-131g	TALYS-6a	0		13	Cs-129(n,2n)Cs-128	TALYS-6a	0	42
Xe-136(n,3nh)Te-131m	TALYS-6a	0		13	Cs-129(n,3n)Cs-127	TALYS-6a	0	29
Xe-136(n,4nh)Te-130	TALYS-6a	0 [8]		10	Cs-129(n,n'a)I-125	TALYS-6a	0 [8]	63
Xe-136(n,3n2p)Te-132	TALYS-6a	0 [8]		13	Cs-129(n,2na)I-124	TALYS-6a	0 [8]	33
Xe-136(n,3n2a)Sn-126	TALYS-6a	0 [8]		14	Cs-129(n,3na)I-123	TALYS-6a	0 [8]	25
Xe-136(n,3npa)Sb-129g	TALYS-6a	0 [4,8]		13	Cs-129(n,n'p)Xe-128	TALYS-6a	0 [8]	57
Xe-136(n,3npa)Sb-129m	TALYS-6a	0 [4,7,8,8]		12	Cs-129(n,n'2a)Sb-121	TALYS-6a	0 [8]	35
Xe-136(n,n'pd)Te-133g	TALYS-6a	0		18	Cs-129(n,2n2a)Sb-120g	TALYS-6a	0 [4,8]	23
Xe-136(n,n'pd)Te-133m	TALYS-6a	0		17	Cs-129(n,2n2a)Sb-120m	TALYS-6a	0 [4,7,8,8]	22
Xe-136(n,n'pt)Te-132	TALYS-6a	0 [8]		18	Cs-129(n,n'd)Xe-127g	TALYS-6a	0	34
Xe-136(n,n'ta)Sb-129g	TALYS-6a	0 [4,8]		19	Cs-129(n,n'd)Xe-127m	TALYS-6a	0	33
Xe-136(n,n'ta)Sb-129m	TALYS-6a	0 [4,7,8,8]		18	Cs-129(n,n't)Xe-126	TALYS-6a	0 [8]	31
Xe-136(n,2n2p)Te-133g	TALYS-6a	0		16	Cs-129(n,n'h)I-126	TALYS-6a	0 [8]	28
Xe-136(n,2n2p)Te-133m	TALYS-6a	0		16	Cs-129(n,4n)Cs-126	TALYS-6a	0	19
Xe-136(n,4n2p)Te-131g	TALYS-6a	0		9	Cs-129(n,2np)Xe-127g	TALYS-6a	0	31
Xe-136(n,4n2p)Te-131m	TALYS-6a	0		9	Cs-129(n,2np)Xe-127m	TALYS-6a	0	31
Cs-127(n,2nd)Xe-124	TALYS-6a	0 [8]		25	Cs-129(n,3np)Xe-126	TALYS-6a	0 [8]	24
Cs-127(n,2n)Cs-126	TALYS-6a	0		41	Cs-129(n,n'2p)I-127	TALYS-6a	0 [8]	30
Cs-127(n,3n)Cs-125g	TALYS-6a	0 [4]		28	Cs-129(n,n'pa)Te-124	TALYS-6a	0 [8]	36
Cs-127(n,3n)Cs-125m	TALYS-6a	0 [4,7,8]		27	+Cs-129(n,g)Cs-130g	MASGAM	0 [14,13,4,6]	83
Cs-127(n,n'a)I-123	TALYS-6a	0 [8,7,8]		65	+Cs-129(n,g)Cs-130m	MASGAM	0 [14,13,4,6]	83
Cs-127(n,2na)I-122	TALYS-6a	0 [8,7,8]		33	Cs-129(n,p)Xe-129g	TALYS-6a	0 [2]	100
Cs-127(n,3na)I-121	TALYS-6a	0 [8,7,8]		24	Cs-129(n,p)Xe-129m	TALYS-6a	0 [2]	100
Cs-127(n,n'p)Xe-126	TALYS-6a	0 [8]		60	Cs-129(n,d)Xe-128	TALYS-6a	0 [8]	66
Cs-127(n,n'2a)Sb-119g	TALYS-6a	0 [4,8]		39	Cs-129(n,t)Xe-127g	TALYS-6a	0	47
Cs-127(n,n'2a)Sb-119m	TALYS-6a	0 [4,7,8,8]		38	Cs-129(n,t)Xe-127m	TALYS-6a	0	46
Cs-127(n,2n2a)Sb-118g	TALYS-6a	0		25	Cs-129(n,h)I-127	TALYS-6a	0 [8]	42
Cs-127(n,2n2a)Sb-118m	TALYS-6a	0		25	Cs-129(n,a)I-126	TALYS-6a	0 [2]	100
Cs-127(n,n'd)Xe-125g	TALYS-6a	0		34	Cs-129(n,2a)Sb-122g	TALYS-6a	0	100
Cs-127(n,n'd)Xe-125m	TALYS-6a	0		34	Cs-129(n,2a)Sb-122m	TALYS-6a	0	100
Cs-127(n,n't)Xe-124	TALYS-6a	0 [8]		31	Cs-129(n,2p)I-128	TALYS-6a	0 [8]	42
Cs-127(n,n'h)I-124	TALYS-6a	0 [8]		29	Cs-129(n,pa)Te-125g	TALYS-6a	0	54
Cs-127(n,n'd2a)Sn-117g	TALYS-6a	0		16	Cs-129(n,pa)Te-125m	TALYS-6a	0	54
Cs-127(n,n'd2a)Sn-117m	TALYS-6a	0		16	Cs-129(n,pd)I-127	TALYS-6a	0 [8]	32
Cs-127(n,4n)Cs-124g	TALYS-6a	0 [4]		18	Cs-129(n,pt)I-126	TALYS-6a	0 [8]	28
Cs-127(n,4n)Cs-124m	TALYS-6a	0 [4,7,8]		16	Cs-129(n,da)Te-124	TALYS-6a	0 [8]	38
Cs-127(n,2np)Xe-125g	TALYS-6a	0		31	+Cs-129(n,5n)Cs-125g	TALYS-6a	0 [4]	14
Cs-127(n,2np)Xe-125m	TALYS-6a	0		31	+Cs-129(n,5n)Cs-125m	TALYS-6a	0 [4,7,8]	12
Cs-127(n,3np)Xe-124	TALYS-6a	0		24	Cs-129(n,6n)Cs-124g	TALYS-6a	0 [4]	8
Cs-127(n,n'2p)I-125	TALYS-6a	0 [8]		32	Cs-129(n,6n)Cs-124m	TALYS-6a	0 [4,7,8]	7
Cs-127(n,n'pa)Te-122	TALYS-6a	0 [8,7,8]		38	Cs-129(n,2nt)Xe-125g	TALYS-6a	0	21
Cs-127(n,g)Cs-128	TALYS-6a	0 [14]		100	Cs-129(n,2nt)Xe-125m	TALYS-6a	0	21
Cs-127(n,p)Xe-127g	TALYS-6a	0 [2]		100	Cs-129(n,ta)Te-123g	TALYS-6a	0	31
Cs-127(n,p)Xe-127m	TALYS-6a	0 [2]		100	Cs-129(n,ta)Te-123m	TALYS-6a	0	31
Cs-127(n,d)Xe-126	TALYS-6a	0 [8]		69	Cs-129(n,4np)Xe-125g	TALYS-6a	0	15
Cs-127(n,t)Xe-125g	TALYS-6a	0		48	Cs-129(n,4np)Xe-125m	TALYS-6a	0	15
Cs-127(n,t)Xe-125m	TALYS-6a	0		47	Cs-129(n,3nd)Xe-125g	TALYS-6a	0	16
Cs-127(n,h)I-125	TALYS-6a	0 [8]		45	Cs-129(n,3nd)Xe-125m	TALYS-6a	0	16
Cs-127(n,a)I-124	TALYS-6a	0 [2]		100	Cs-129(n,n'da)Te-123g	TALYS-6a	0	25
Cs-127(n,2a)Sb-120g	TALYS-6a	0 [4]		100	Cs-129(n,n'da)Te-123m	TALYS-6a	0	25
Cs-127(n,2a)Sb-120m	TALYS-6a	0 [4,7]		100	Cs-129(n,2npa)Te-123g	TALYS-6a	0	23
Cs-127(n,2p)I-126	TALYS-6a	0 [8]		46	Cs-129(n,2npa)Te-123m	TALYS-6a	0	23
Cs-127(n,pa)Te-123g	TALYS-6a	0		100	Cs-129(n,5np)Xe-124	TALYS-6a	0 [8]	11
Cs-127(n,pa)Te-123m	TALYS-6a	0		100	Cs-129(n,6np)Xe-123	TALYS-6a	0	6
Cs-127(n,pd)I-125	TALYS-6a	0 [8]		34	Cs-129(n,4na)I-122	TALYS-6a	0 [8]	15
Cs-127(n,pt)I-124	TALYS-6a	0 [8]		29	Cs-129(n,5na)I-121	TALYS-6a	0 [8]	11
Cs-127(n,da)Te-122	TALYS-6a	0 [8,7,8]		40	Cs-129(n,4nd)Xe-124	TALYS-6a	0 [8]	12
Cs-127(n,5n)Cs-123g	TALYS-6a	0		13	Cs-129(n,5nd)Xe-123	TALYS-6a	0	7
Cs-127(n,5n)Cs-123m	TALYS-6a	0		13	Cs-129(n,3nt)Xe-124	TALYS-6a	0 [8]	15
Cs-127(n,6n)Cs-122g	TALYS-6a	0		7	Cs-129(n,4nt)Xe-123	TALYS-6a	0 [8]	10
Cs-127(n,6n)Cs-122m	TALYS-6a	0		7	Cs-129(n,5nt)Xe-122	TALYS-6a	0 [8,7,8]	5
Cs-127(n,6n)Cs-122n	TALYS-6a	0		7	Cs-129(n,2nh)I-125	TALYS-6a	0 [8]	21
Cs-127(n,2nt)Xe-123	TALYS-6a	0 [8,7,8]		21	Cs-129(n,3nh)I-124	TALYS-6a	0 [8]	14
Cs-127(n,ta)Te-121g	TALYS-6a	0		32	Cs-129(n,4nh)I-123	TALYS-6a	0 [8]	10
Cs-127(n,ta)Te-121m	TALYS-6a	0		31	Cs-129(n,3n2p)I-125	TALYS-6a	0 [8]	15
Cs-127(n,4np)Xe-123	TALYS-6a	0		15	+Cs-129(n,3n2a)Sb-119g	TALYS-6a	0 [4,8]	16
Cs-127(n,3nd)Xe-123	TALYS-6a	0		16	+Cs-129(n,3n2a)Sb-119m	TALYS-6a	0 [4,7,8,8]	15
Cs-127(n,n'da)Te-121g	TALYS-6a	0		25	Cs-129(n,3npa)Te-122	TALYS-6a	0 [8]	16
Cs-127(n,n'da)Te-121m	TALYS-6a	0		25	Cs-129(n,dt)I-125	TALYS-6a	0 [8]	21
Cs-127(n,2npa)Te-121g	TALYS-6a	0		24	Cs-129(n,n'pd)I-126	TALYS-6a	0 [8]	22
Cs-127(n,2npa)Te-121m	TALYS-6a	0		24	Cs-129(n,n'pt)I-125	TALYS-6a	0 [8]	21
Cs-127(n,5np)Xe-122	TALYS-6a	0		11	Cs-129(n,n'dt)I-124	TALYS-6a	0 [8]	14
Cs-127(n,6np)Xe-121	TALYS-6a	0 [8]		5	Cs-129(n,n'ph)Te-125g	TALYS-6a	0	17
Cs-127(n,4na)I-120g	TALYS-6a	0 [4,8,7,8]		15	Cs-129(n,n'ph)Te-125m	TALYS-6a	0	17
Cs-127(n,4na)I-120m	TALYS-6a	0 [4,7,8,8]		14	Cs-129(n,n'dh)Te-124	TALYS-6a	0 [8]	14
Cs-127(n,5na)I-119	TALYS-6a	0 [8]		11	Cs-129(n,n'ta)Te-122	TALYS-6a	0 [8]	24
Cs-127(n,4nd)Xe-122	TALYS-6a	0		12	Cs-129(n,2n2p)I-126	TALYS-6a	0 [8]	21
Cs-127(n,5nd)Xe-121	TALYS-6a	0 [8]		6	Cs-129(n,4n2p)I-124	TALYS-6a	0 [8]	10

Reaction	Library			
Cs-129(n,4n2a)Sb-118g	TALYS-6a	0		11
Cs-129(n,4n2a)Sb-118m	TALYS-6a	0		11
Cs-129(n,4npa)Te-121g	TALYS-6a	0		11
Cs-129(n,4npa)Te-121m	TALYS-6a	0		11
Cs-129(n,n'3p)Te-126	TALYS-6a	0	[8]	20
Cs-131(n,2nd)Xe-128	TALYS-6a	0	[8]	26
+Cs-131(n,2n)Cs-130g	TALYS-6a	0		43
+Cs-131(n,2n)Cs-130m	TALYS-6a	0		43
Cs-131(n,3n)Cs-129	TALYS-6a	0		30
Cs-131(n,n'a)I-127	TALYS-6a	0	[8]	61
Cs-131(n,2na)I-126	TALYS-6a	0	[8]	33
Cs-131(n,3na)I-125	TALYS-6a	0	[8]	25
Cs-131(n,n'p)Xe-130	TALYS-6a	0	[8]	54
Cs-131(n,n'2a)Sb-123	TALYS-6a	0	[8]	33
Cs-131(n,2n2a)Sb-122g	TALYS-6a	0		22
Cs-131(n,2n2a)Sb-122m	TALYS-6a	0		22
Cs-131(n,n'd)Xe-129g	TALYS-6a	0		34
Cs-131(n,n'd)Xe-129m	TALYS-6a	0		33
Cs-131(n,n't)Xe-128	TALYS-6a	0	[8]	32
Cs-131(n,n'h)I-128	TALYS-6a	0	[8]	27
Cs-131(n,4n)Cs-128	TALYS-6a	0		20
Cs-131(n,2np)Xe-129g	TALYS-6a	0		31
Cs-131(n,2np)Xe-129m	TALYS-6a	0		31
Cs-131(n,3np)Xe-128	TALYS-6a	0	[8]	24
Cs-131(n,n'2p)I-129	TALYS-6a	0	[8]	29
Cs-131(n,pa)Te-126	TALYS-6a	0	[8]	33
Cs-131(n,g)Cs-132	MASGAM	0	[14,13]	83
Cs-131(n,p)Xe-131g	TALYS-6a	0	[2]	100
Cs-131(n,p)Xe-131m	TALYS-6a	0	[2]	100
Cs-131(n,d)Xe-130	TALYS-6a	0	[8]	63
Cs-131(n,t)Xe-129g	TALYS-6a	0		46
Cs-131(n,t)Xe-129m	TALYS-6a	0		45
Cs-131(n,h)I-129	TALYS-6a	0	[8]	40
Cs-131(n,a)I-128	TALYS-6a	0	[2]	100
Cs-131(n,2a)Sb-124g	TALYS-6a	0		100
Cs-131(n,2a)Sb-124m	TALYS-6a	0		100
Cs-131(n,2a)Sb-124n	TALYS-6a	0		100
Cs-131(n,2p)I-130g	TALYS-6a	0		39
Cs-131(n,2p)I-130m	TALYS-6a	0		39
Cs-131(n,pa)Te-127g	TALYS-6a	0		47
Cs-131(n,pa)Te-127m	TALYS-6a	0		47
Cs-131(n,pd)I-129	TALYS-6a	0	[8]	30
Cs-131(n,pt)I-128	TALYS-6a	0	[8]	27
Cs-131(n,da)Te-126	TALYS-6a	0	[8]	35
Cs-131(n,5n)Cs-127	TALYS-6a	0		14
Cs-131(n,6n)Cs-126	TALYS-6a	0		9
Cs-131(n,2nt)Xe-127g	TALYS-6a	0		22
Cs-131(n,2nt)Xe-127m	TALYS-6a	0		21
Cs-131(n,ta)Te-125g	TALYS-6a	0		30
Cs-131(n,ta)Te-125m	TALYS-6a	0		30
Cs-131(n,4np)Xe-127g	TALYS-6a	0		15
Cs-131(n,4np)Xe-127m	TALYS-6a	0		15
Cs-131(n,3nd)Xe-127g	TALYS-6a	0		16
Cs-131(n,3nd)Xe-127m	TALYS-6a	0		16
Cs-131(n,n'da)Te-125g	TALYS-6a	0		24
Cs-131(n,n'da)Te-125m	TALYS-6a	0		24
Cs-131(n,2npa)Te-125g	TALYS-6a	0		23
Cs-131(n,2npa)Te-125m	TALYS-6a	0		23
+Cs-131(n,7n)Cs-125g	TALYS-6a	0	[4]	5
+Cs-131(n,7n)Cs-125m	TALYS-6a	0	[4,7,8]	4
Cs-131(n,5np)Xe-126	TALYS-6a	0		12
Cs-131(n,6np)Xe-125g	TALYS-6a	0		7
Cs-131(n,6np)Xe-125m	TALYS-6a	0		7
Cs-131(n,4na)I-124	TALYS-6a	0	[8]	16
Cs-131(n,5na)I-123	TALYS-6a	0	[8]	12
Cs-131(n,6na)I-122	TALYS-6a	0	[8]	7
Cs-131(n,4nd)Xe-126	TALYS-6a	0		13
Cs-131(n,5nd)Xe-125g	TALYS-6a	0		7
Cs-131(n,5nd)Xe-125m	TALYS-6a	0		7
Cs-131(n,3nt)Xe-126	TALYS-6a	0	[8]	15
Cs-131(n,4nt)Xe-125g	TALYS-6a	0		10
Cs-131(n,4nt)Xe-125m	TALYS-6a	0		10
Cs-131(n,5nt)Xe-124	TALYS-6a	0	[8]	6
Cs-131(n,2nh)I-127	TALYS-6a	0	[8]	21
Cs-131(n,3nh)I-126	TALYS-6a	0	[8]	14
Cs-131(n,4nh)I-125	TALYS-6a	0	[8]	10
Cs-131(n,3n2p)I-127	TALYS-6a	0	[8]	15
Cs-131(n,3n2a)Sb-121	TALYS-6a	0	[8]	16
Cs-131(n,3npa)Te-124	TALYS-6a	0	[8]	16
Cs-131(n,n'pd)I-128	TALYS-6a	0	[8]	21
Cs-131(n,n'pt)I-127	TALYS-6a	0	[8]	20
Cs-131(n,n'dt)I-126	TALYS-6a	0	[8]	14
Cs-131(n,n'ph)Te-127g	TALYS-6a	0		16
Cs-131(n,n'ph)Te-127m	TALYS-6a	0		16
Cs-131(n,n'ta)Te-124	TALYS-6a	0	[8]	23
Cs-131(n,2n2p)I-128	TALYS-6a	0	[8]	20
Cs-131(n,4n2p)I-126	TALYS-6a	0	[8]	10
Cs-131(n,4n2a)Sb-120g	TALYS-6a	0	[4,8]	10
Cs-131(n,4n2a)Sb-120m	TALYS-6a	0	[4,7,8,8]	9
Cs-131(n,4npa)Te-123g	TALYS-6a	0		11
Cs-131(n,4npa)Te-123m	TALYS-6a	0		11
Cs-132(n,2nd)Xe-129g	TALYS-6a	0		25
Cs-132(n,2nd)Xe-129m	TALYS-6a	0		25
Cs-132(n,2n)Cs-131	TALYS-6a	0		49
+Cs-132(n,3n)Cs-130g	TALYS-6a	0		30
+Cs-132(n,3n)Cs-130m	TALYS-6a	0		30
Cs-132(n,n'a)I-128	TALYS-6a	0	[8]	59
Cs-132(n,2na)I-127	TALYS-6a	0	[8]	37
Cs-132(n,3na)I-126	TALYS-6a	0	[8]	25
Cs-132(n,n'p)Xe-131g	TALYS-6a	0		51
Cs-132(n,n'p)Xe-131m	TALYS-6a	0		50
Cs-132(n,n'2a)Sb-124g	TALYS-6a	0		30
Cs-132(n,n'2a)Sb-124m	TALYS-6a	0		30
Cs-132(n,n'2a)Sb-124n	TALYS-6a	0		31
Cs-132(n,2n2a)Sb-123	TALYS-6a	0	[8]	24
Cs-132(n,n'd)Xe-130	TALYS-6a	0	[8]	38
Cs-132(n,n't)Xe-129g	TALYS-6a	0		31
Cs-132(n,n't)Xe-129m	TALYS-6a	0		31
Cs-132(n,n'h)I-129	TALYS-6a	0	[8]	29
Cs-132(n,4n)Cs-129	TALYS-6a	0		22
Cs-132(n,2np)Xe-130	TALYS-6a	0	[8]	35
Cs-132(n,3np)Xe-129g	TALYS-6a	0		24
Cs-132(n,3np)Xe-129m	TALYS-6a	0		24
Cs-132(n,n'2p)I-130g	TALYS-6a	0		28
Cs-132(n,n'2p)I-130m	TALYS-6a	0		28
Cs-132(n,n'pa)Te-127g	TALYS-6a	0		31
Cs-132(n,n'pa)Te-127m	TALYS-6a	0		31
Cs-132(n,g)Cs-133	MASGAM	0	[14,13]	83
Cs-132(n,p)Xe-132	TALYS-6a	0	[2]	100
Cs-132(n,d)Xe-131g	TALYS-6a	0		60
Cs-132(n,d)Xe-131m	TALYS-6a	0		60
Cs-132(n,t)Xe-130	TALYS-6a	0	[8]	57
Cs-132(n,h)I-130g	TALYS-6a	0		38
Cs-132(n,h)I-130m	TALYS-6a	0		38
Cs-132(n,a)I-129	ADL-3	2	[13,11]	66
Cs-132(n,2a)Sb-125	TALYS-6a	0		100
Cs-132(n,2p)I-131	TALYS-6a	0	[8]	42
Cs-132(n,pa)Te-128	TALYS-6a	0		100
Cs-132(n,pd)I-130g	TALYS-6a	0		29
Cs-132(n,pd)I-130m	TALYS-6a	0		29
Cs-132(n,pt)I-129	TALYS-6a	0	[8]	29
Cs-132(n,da)Te-127g	TALYS-6a	0		33
Cs-132(n,da)Te-127m	TALYS-6a	0		34
Cs-132(n,5n)Cs-128	TALYS-6a	0		15
Cs-132(n,6n)Cs-127	TALYS-6a	0		11
Cs-132(n,2nt)Xe-128	TALYS-6a	0	[8]	24
Cs-132(n,ta)Te-126	TALYS-6a	0	[8]	33
Cs-132(n,4np)Xe-128	TALYS-6a	0		17
Cs-132(n,3nd)Xe-128	TALYS-6a	0	[8]	18
Cs-132(n,n'da)Te-126	TALYS-6a	0	[8]	26
Cs-132(n,2npa)Te-126	TALYS-6a	0	[8]	25
Cs-132(n,7n)Cs-126	TALYS-6a	0		6
Cs-132(n,5np)Xe-127g	TALYS-6a	0		12
Cs-132(n,5np)Xe-127m	TALYS-6a	0		12
Cs-132(n,6np)Xe-126	TALYS-6a	0	[8]	8
Cs-132(n,4na)I-125	TALYS-6a	0	[8]	17
Cs-132(n,5na)I-124	TALYS-6a	0	[8]	12
Cs-132(n,6na)I-123	TALYS-6a	0	[8]	8
Cs-132(n,4nd)Xe-127g	TALYS-6a	0		13
Cs-132(n,4nd)Xe-127m	TALYS-6a	0		12
Cs-132(n,5nd)Xe-126	TALYS-6a	0	[8]	9
Cs-132(n,3nt)Xe-127g	TALYS-6a	0		15
Cs-132(n,3nt)Xe-127m	TALYS-6a	0		15
Cs-132(n,4nt)Xe-126	TALYS-6a	0	[8]	12
Cs-132(n,5nt)Xe-125g	TALYS-6a	0		7
Cs-132(n,5nt)Xe-125m	TALYS-6a	0		7
Cs-132(n,2nh)I-128	TALYS-6a	0	[8]	20
Cs-132(n,3nh)I-127	TALYS-6a	0	[8]	15
Cs-132(n,4nh)I-126	TALYS-6a	0	[8]	10
Cs-132(n,3n2p)I-128	TALYS-6a	0	[8]	15
Cs-132(n,3n2a)Sb-122g	TALYS-6a	0		15
Cs-132(n,3n2a)Sb-122m	TALYS-6a	0		15
Cs-132(n,3npa)Te-125g	TALYS-6a	0		16
Cs-132(n,3npa)Te-125m	TALYS-6a	0		16
Cs-132(n,n'pd)I-129	TALYS-6a	0	[8]	23
Cs-132(n,n'pt)I-128	TALYS-6a	0	[8]	20
Cs-132(n,n'dt)I-127	TALYS-6a	0	[8]	15
Cs-132(n,n'ph)Te-128	TALYS-6a	0	[8]	17
Cs-132(n,n'ta)Te-125g	TALYS-6a	0		22
Cs-132(n,n'ta)Te-125m	TALYS-6a	0		23
Cs-132(n,2n2p)I-129	TALYS-6a	0	[8]	21
Cs-132(n,4n2p)I-127	TALYS-6a	0	[8]	11
Cs-132(n,4n2a)Sb-121	TALYS-6a	0	[8]	12
Cs-132(n,4npa)Te-124	TALYS-6a	0	[8]	12
Cs-133(n,2nd)Xe-130	TALYS-6a	0	[8]	26
Cs-133(n,2n)Cs-132	JENDL-3.2	6	[13,3]	40
>Cs-133(n,3n)Cs-131	JENDL-5a	1	[3]	30
Cs-133(n,n'a)I-129	TALYS-6a	0	[8]	58
Cs-133(n,2na)I-128	TALYS-6a	0	[8]	33
Cs-133(n,3na)I-127	TALYS-6a	0	[8]	25
Cs-133(n,n'p)Xe-132	ADL-3	1	[13]	44
Cs-133(n,n'2a)Sb-125	TALYS-6a	0	[8]	31
Cs-133(n,2n2a)Sb-124g	TALYS-6a	0		20
Cs-133(n,2n2a)Sb-124m	TALYS-6a	0		21
Cs-133(n,2n2a)Sb-124n	TALYS-6a	0		21
Cs-133(n,n'd)Xe-131g	TALYS-6a	0		33
Cs-133(n,n'd)Xe-131m	TALYS-6a	0		32
Cs-133(n,n't)Xe-130	TALYS-6a	0	[8]	32
Cs-133(n,n'h)I-130g	TALYS-6a	0		26
Cs-133(n,n'h)I-130m	TALYS-6a	0		26
Cs-133(n,4n)Cs-130g	TALYS-6a	0		21
Cs-133(n,4n)Cs-130m	TALYS-6a	0		21
Cs-133(n,2np)Xe-131g	TALYS-6a	0		31
Cs-133(n,2np)Xe-131m	TALYS-6a	0		31
Cs-133(n,3np)Xe-130	TALYS-6a	0	[8]	24
Cs-133(n,n'2p)I-131	TALYS-6a	0	[8]	28
Cs-133(n,n'pa)Te-128	TALYS-6a	0	[8]	31
>Cs-133(n,g)Cs-134g	JEF-2.2	4	[14,13,4,6,3]	29361
>Cs-133(n,g)Cs-134m	JEF-2.2	3	[14,13,4,6,3,3]	29361
Cs-133(n,p)Xe-133g	TALYS-5a	2	[3]	100
Cs-133(n,p)Xe-133m	TALYS-5a	2	[3]	100
Cs-133(n,d)Xe-132	TALYS-5	2	[3,8]	60
Cs-133(n,t)Xe-131g	TALYS-5a	0		45
Cs-133(n,t)Xe-131m	TALYS-5a	0		45
Cs-133(n,h)I-131	TALYS-6a	5	[8]	38
Cs-133(n,a)I-130g	TALYS-6	2	[9,3,3]	29361
Cs-133(n,a)I-130m	TALYS-6	2	[9,3,3]	29361
Cs-133(n,2p)I-132g	TALYS-6a	0		37
Cs-133(n,2p)I-132m	TALYS-6a	0		36
Cs-133(n,pa)Te-129g	TALYS-6a	0		43
Cs-133(n,pa)Te-129m	TALYS-6a	0		43
Cs-133(n,pd)I-131	TALYS-6a	0	[8]	29
Cs-133(n,pt)I-130g	TALYS-6a	0		26
Cs-133(n,pt)I-130m	TALYS-6a	0		26

Reaction	Library			
Cs-133(n,da)Te-128	TALYS-6a	0	[8]	33
Cs-133(n,5n)Cs-129	TALYS-6a	0		15
Cs-133(n,6n)Cs-128	TALYS-6a	0		10
Cs-133(n,2nt)Xe-129g	TALYS-6a	0		22
Cs-133(n,2nt)Xe-129m	TALYS-6a	0		22
Cs-133(n,4np)Xe-129g	TALYS-6a	0		16
Cs-133(n,4np)Xe-129m	TALYS-6a	0		16
Cs-133(n,3nd)Xe-129g	TALYS-6a	0		16
Cs-133(n,3nd)Xe-129m	TALYS-6a	0		16
Cs-133(n,n'da)Te-127g	TALYS-6a	0		23
Cs-133(n,n'da)Te-127m	TALYS-6a	0		23
Cs-133(n,2npa)Te-127g	TALYS-6a	0		22
Cs-133(n,2npa)Te-127m	TALYS-6a	0		22
Cs-133(n,7n)Cs-127	TALYS-6a	0		6
Cs-133(n,5np)Xe-128	TALYS-6a	0		12
Cs-133(n,6np)Xe-127g	TALYS-6a	0		7
Cs-133(n,6np)Xe-127m	TALYS-6a	0		7
Cs-133(n,4na)I-126	TALYS-6a	0	[8]	16
Cs-133(n,5na)I-125	TALYS-6a	0	[8]	12
Cs-133(n,6na)I-124	TALYS-6a	0	[8]	7
Cs-133(n,4nd)Xe-128	TALYS-6a	0	[8]	13
Cs-133(n,5nd)Xe-127g	TALYS-6a	0		8
Cs-133(n,5nd)Xe-127m	TALYS-6a	0		8
Cs-133(n,3nt)Xe-128	TALYS-6a	0	[8]	16
Cs-133(n,4nt)Xe-127g	TALYS-6a	0		11
Cs-133(n,4nt)Xe-127m	TALYS-6a	0		11
Cs-133(n,5nt)Xe-126	TALYS-6a	0	[8]	7
Cs-133(n,2nh)I-129	TALYS-6a	0	[8]	20
Cs-133(n,3nh)I-128	TALYS-6a	0	[8]	14
Cs-133(n,4nh)I-127	TALYS-6a	0	[8]	10
Cs-133(n,3n2p)I-129	TALYS-6a	0	[8]	14
Cs-133(n,3n2a)Sb-123	TALYS-6a	0	[8]	15
Cs-133(n,3npa)Te-126	TALYS-6a	0	[8]	16
Cs-133(n,n'pd)I-130g	TALYS-6a	0		20
Cs-133(n,n'pd)I-130m	TALYS-6a	0		20
Cs-133(n,n'pt)I-129	TALYS-6a	0	[8]	20
Cs-133(n,n'dt)I-128	TALYS-6a	0	[8]	14
Cs-133(n,n'ta)Te-126	TALYS-6a	0	[8]	23
Cs-133(n,2n2p)I-130g	TALYS-6a	0		19
Cs-133(n,2n2p)I-130m	TALYS-6a	0		19
Cs-133(n,4n2p)I-128	TALYS-6a	0	[8]	10
Cs-133(n,4n2a)Sb-122g	TALYS-6a	0		10
Cs-133(n,4n2a)Sb-122m	TALYS-6a	0		10
Cs-133(n,4npa)Te-125g	TALYS-6a	0		11
Cs-133(n,4npa)Te-125m	TALYS-6a	0		11
Cs-134(n,n')Cs-134m	TALYS-6a	0		89
Cs-134(n,2nd)Xe-131g	TALYS-6a	0		25
Cs-134(n,2nd)Xe-131m	TALYS-6a	0		25
Cs-134(n,2n)Cs-133	TALYS-6a	0		51
Cs-134(n,3n)Cs-132	TALYS-6a	0	[8]	30
Cs-134(n,n'a)I-130g	TALYS-6a	0		56
Cs-134(n,n'a)I-130m	TALYS-6a	0		56
Cs-134(n,2na)I-129	TALYS-6a	0	[8]	37
Cs-134(n,3na)I-128	TALYS-6a	0	[8]	25
Cs-134(n,n'p)Xe-133g	TALYS-6a	0		49
Cs-134(n,n'p)Xe-133m	TALYS-6a	0		48
Cs-134(n,n'2a)Sb-126g	TALYS-6a	0		29
Cs-134(n,n'2a)Sb-126m	TALYS-6a	0		29
Cs-134(n,n'2a)Sb-126n	TALYS-6a	0		29
Cs-134(n,2n2a)Sb-125	TALYS-6a	0	[8]	23
Cs-134(n,n'd)Xe-132	TALYS-6a	0	[8]	37
Cs-134(n,n't)Xe-131g	TALYS-6a	0		31
Cs-134(n,n't)Xe-131m	TALYS-6a	0		31
Cs-134(n,n'h)I-131	TALYS-6a	0	[8]	28
Cs-134(n,4n)Cs-131	TALYS-6a	0		23
Cs-134(n,2np)Xe-132	TALYS-6a	0	[8]	34
Cs-134(n,3np)Xe-131g	TALYS-6a	0		24
Cs-134(n,3np)Xe-131m	TALYS-6a	0		24
Cs-134(n,n'2p)I-132g	TALYS-6a	0		27
Cs-134(n,n'2p)I-132m	TALYS-6a	0		27
Cs-134(n,n'pa)Te-129g	TALYS-6a	0		30
Cs-134(n,n'pa)Te-129m	TALYS-6a	0		30
>Cs-134(n,g)Cs-135g	JEF-2.2	2	[13,3]	1981
>Cs-134(n,g)Cs-135m	JEF-2.2	0	[7,13,3,15]	1981
Cs-134(n,p)Xe-134g	TALYS-6a	0	[9,2,3]	2080
Cs-134(n,p)Xe-134m	TALYS-6a	0	[9,2,3]	2080
Cs-134(n,d)Xe-133g	TALYS-6a	0		58
Cs-134(n,d)Xe-133m	TALYS-6a	0		57
Cs-134(n,t)Xe-132	TALYS-6a	0	[8]	55
Cs-134(n,h)I-132g	TALYS-6a	0		36
Cs-134(n,h)I-132m	TALYS-6a	0		36
Cs-134(n,a)I-131	TALYS-6a	0	[9,2,3]	1981
Cs-134(n,2p)I-133g	TALYS-6a	0	[4,8]	39
Cs-134(n,2p)I-133m	TALYS-6a	0	[4,7,8,8]	38
Cs-134(n,pa)Te-130	TALYS-6a	0	[8]	47
Cs-134(n,pd)I-132g	TALYS-6a	0		28
Cs-134(n,pd)I-132m	TALYS-6a	0		28
Cs-134(n,pt)I-131	TALYS-6a	0	[8]	28
Cs-134(n,5n)Cs-130g	TALYS-6a	0		15
Cs-134(n,5n)Cs-130m	TALYS-6a	0		15
Cs-134(n,6n)Cs-129	TALYS-6a	0		11
Cs-134(n,2nt)Xe-130	TALYS-6a	0	[8]	24
Cs-134(n,4np)Xe-130	TALYS-6a	0	[8]	17
Cs-134(n,3nd)Xe-130	TALYS-6a	0	[8]	19
Cs-134(n,n'da)Te-128	TALYS-6a	0	[8]	25
Cs-134(n,2npa)Te-128	TALYS-6a	0	[8]	23
Cs-134(n,7n)Cs-128	TALYS-6a	0		7
Cs-134(n,5np)Xe-129g	TALYS-6a	0		12
Cs-134(n,5np)Xe-129m	TALYS-6a	0		12
Cs-134(n,6np)Xe-128	TALYS-6a	0		9
Cs-134(n,4na)I-127	TALYS-6a	0	[8]	18
Cs-134(n,5na)I-126	TALYS-6a	0		12
Cs-134(n,6na)I-125	TALYS-6a	0	[8]	9
Cs-134(n,4nd)Xe-129g	TALYS-6a	0		13
Cs-134(n,4nd)Xe-129m	TALYS-6a	0		13
Cs-134(n,5nd)Xe-128	TALYS-6a	0	[8]	9
Cs-134(n,3nt)Xe-129g	TALYS-6a	0		16
Cs-134(n,3nt)Xe-129m	TALYS-6a	0		16
Cs-134(n,4nt)Xe-128	TALYS-6a	0	[8]	12
Cs-134(n,5nt)Xe-127g	TALYS-6a	0		7
Cs-134(n,5nt)Xe-127m	TALYS-6a	0		7
Cs-134(n,2nh)I-130g	TALYS-6a	0		19
Cs-134(n,2nh)I-130m	TALYS-6a	0		19
Cs-134(n,3nh)I-129	TALYS-6a	0	[8]	15
Cs-134(n,4nh)I-128	TALYS-6a	0	[8]	10
Cs-134(n,3n2p)I-130g	TALYS-6a	0		14
Cs-134(n,3n2p)I-130m	TALYS-6a	0		14
Cs-134(n,3n2a)Sb-124g	TALYS-6a	0		14
Cs-134(n,3n2a)Sb-124m	TALYS-6a	0		15
Cs-134(n,3n2a)Sb-124n	TALYS-6a	0		15
Cs-134(n,3npa)Te-127g	TALYS-6a	0		15
Cs-134(n,3npa)Te-127m	TALYS-6a	0		15
Cs-134(n,n'pd)I-131	TALYS-6a	0	[8]	22
Cs-134(n,n'pt)I-130g	TALYS-6a	0		19
Cs-134(n,n'pt)I-130m	TALYS-6a	0		19
Cs-134(n,n'dt)I-129	TALYS-6a	0	[8]	15
Cs-134(n,n'ta)Te-127g	TALYS-6a	0		22
Cs-134(n,n'ta)Te-127m	TALYS-6a	0		22
Cs-134(n,2n2p)I-131	TALYS-6a	0	[8]	20
Cs-134(n,4n2p)I-129	TALYS-6a	0	[8]	11
Cs-134(n,4n2a)Sb-123	TALYS-6a	0	[8]	12
Cs-134(n,4npa)Te-126	TALYS-6a	0	[8]	12
Cs-135(n,n')Cs-135m	TALYS-6a	0		77
Cs-135(n,2nd)Xe-132	TALYS-6a	0	[8]	26
Cs-135(n,2n)Cs-134g	TALYS-6a	0		44
Cs-135(n,2n)Cs-134m	TALYS-6a	0		44
Cs-135(n,3n)Cs-133	TALYS-6a	0		31
Cs-135(n,n'a)I-131	TALYS-6a	0	[8]	55
Cs-135(n,2na)I-130g	TALYS-6a	0		32
Cs-135(n,2na)I-130m	TALYS-6a	0		32
Cs-135(n,3na)I-129	TALYS-6a	0	[8]	25
Cs-135(n,n'p)Xe-134g	TALYS-6a	0	[4,8]	48
Cs-135(n,n'p)Xe-134m	TALYS-6a	0	[4,7,8,8]	42
Cs-135(n,n'2a)Sb-127	TALYS-6a	0	[8]	29
Cs-135(n,2n2a)Sb-126g	TALYS-6a	0		20
Cs-135(n,2n2a)Sb-126m	TALYS-6a	0		20
Cs-135(n,2n2a)Sb-126n	TALYS-6a	0		19
Cs-135(n,n'd)Xe-133g	TALYS-6a	0		32
Cs-135(n,n'd)Xe-133m	TALYS-6a	0		32
Cs-135(n,n't)Xe-132	TALYS-6a	0	[8]	31
Cs-135(n,n'h)I-132g	TALYS-6a	0		25
Cs-135(n,n'h)I-132m	TALYS-6a	0		25
Cs-135(n,4n)Cs-132	TALYS-6a	0		22
Cs-135(n,2np)Xe-133g	TALYS-6a	0		30
Cs-135(n,2np)Xe-133m	TALYS-6a	0		30
Cs-135(n,3np)Xe-132	TALYS-6a	0	[8]	24
Cs-135(n,n'2p)I-133g	TALYS-6a	0	[4,8]	26
Cs-135(n,n'2p)I-133m	TALYS-6a	0	[4,7,8,8]	25
Cs-135(n,n'pa)Te-130	TALYS-6a	0	[8]	30
>Cs-135(n,g)Cs-136g	ENDF/B-VII	2	[13,4,6,3]	2969
>Cs-135(n,g)Cs-136m	ENDF/B-VII	0	[7,13,4,6,3]	2969
Cs-135(n,p)Xe-135g	TALYS-6a	0	[2]	80
Cs-135(n,p)Xe-135m	TALYS-6a	0	[2]	77
Cs-135(n,d)Xe-134g	TALYS-6a	0	[4,8]	57
Cs-135(n,d)Xe-134m	TALYS-6a	0	[4,7,8,8]	51
Cs-135(n,t)Xe-133g	TALYS-6a	0		45
Cs-135(n,t)Xe-133m	TALYS-6a	0		44
Cs-135(n,h)I-133g	TALYS-6a	0	[4,8]	36
Cs-135(n,h)I-133m	TALYS-6a	0	[4,7,8,8]	35
Cs-135(n,a)I-132g	TALYS-6a	0	[9,2,3]	2086
Cs-135(n,a)I-132m	TALYS-6a	0	[9,2,3]	2086
Cs-135(n,2p)I-134g	TALYS-6a	0		34
Cs-135(n,2p)I-134m	TALYS-6a	0		33
Cs-135(n,pd)I-133g	TALYS-6a	0	[4,8]	28
Cs-135(n,pd)I-133m	TALYS-6a	0	[4,7,8,8]	27
Cs-135(n,5n)Cs-131	TALYS-6a	0		15
Cs-135(n,6n)Cs-130g	TALYS-6a	0		11
Cs-135(n,6n)Cs-130m	TALYS-6a	0		11
Cs-135(n,2nt)Xe-131g	TALYS-6a	0		22
Cs-135(n,2nt)Xe-131m	TALYS-6a	0		22
Cs-135(n,4np)Xe-131g	TALYS-6a	0		16
Cs-135(n,4np)Xe-131m	TALYS-6a	0		16
Cs-135(n,3nd)Xe-131g	TALYS-6a	0		16
Cs-135(n,3nd)Xe-131m	TALYS-6a	0		16
Cs-135(n,n'da)Te-129g	TALYS-6a	0		22
Cs-135(n,n'da)Te-129m	TALYS-6a	0		22
Cs-135(n,2npa)Te-129g	TALYS-6a	0		21
Cs-135(n,2npa)Te-129m	TALYS-6a	0		21
Cs-135(n,7n)Cs-129	TALYS-6a	0		7
Cs-135(n,5np)Xe-130	TALYS-6a	0	[8]	12
Cs-135(n,6np)Xe-129g	TALYS-6a	0		8
Cs-135(n,6np)Xe-129m	TALYS-6a	0		8
Cs-135(n,4na)I-128	TALYS-6a	0	[8]	16
Cs-135(n,5na)I-127	TALYS-6a	0	[8]	13
Cs-135(n,6na)I-126	TALYS-6a	0	[8]	8
Cs-135(n,4nd)Xe-130	TALYS-6a	0	[8]	13
Cs-135(n,5nd)Xe-129g	TALYS-6a	0		9
Cs-135(n,5nd)Xe-129m	TALYS-6a	0		9
Cs-135(n,3nt)Xe-130	TALYS-6a	0	[8]	16
Cs-135(n,4nt)Xe-129g	TALYS-6a	0		11
Cs-135(n,4nt)Xe-129m	TALYS-6a	0		11
Cs-135(n,5nt)Xe-128	TALYS-6a	0	[8]	8
Cs-135(n,2nh)I-131	TALYS-6a	0	[8]	19
Cs-135(n,3nh)I-130g	TALYS-6a	0		14
Cs-135(n,3nh)I-130m	TALYS-6a	0		14
Cs-135(n,4nh)I-129	TALYS-6a	0	[8]	11
Cs-135(n,3n2p)I-131	TALYS-6a	0	[8]	14
Cs-135(n,3n2a)Sb-125	TALYS-6a	0	[8]	15
Cs-135(n,3npa)Te-128	TALYS-6a	0	[8]	15
Cs-135(n,n'pd)I-132g	TALYS-6a	0		19
Cs-135(n,n'pd)I-132m	TALYS-6a	0		19
Cs-135(n,n'pt)I-131	TALYS-6a	0	[8]	19
Cs-135(n,n'dt)I-130g	TALYS-6a	0		14
Cs-135(n,n'dt)I-130m	TALYS-6a	0		14
Cs-135(n,n'ta)Te-128	TALYS-6a	0	[8]	22
Cs-135(n,2n2p)I-132g	TALYS-6a	0		18
Cs-135(n,2n2p)I-132m	TALYS-6a	0		18
Cs-135(n,4n2p)I-130g	TALYS-6a	0		10

Reaction	Library	Flags	Value
Cs-135(n,4n2p)I-130m	TALYS-6a	0	10
Cs-135(n,4n2a)Sb-124g	TALYS-6a	0	10
Cs-135(n,4n2a)Sb-124m	TALYS-6a	0	10
Cs-135(n,4npa)Te-127g	TALYS-6a	0	11
Cs-135(n,4npa)Te-127m	TALYS-6a	0	11
Cs-136(n,n')Cs-136m	TALYS-5a	0	89
Cs-136(n,2nd)Xe-133g	TALYS-6a	0	25
Cs-136(n,2nd)Xe-133m	TALYS-6a	0	25
Cs-136(n,2n)Cs-135g	TALYS-6a	0	51
Cs-136(n,2n)Cs-135m	TALYS-6a	0	44
Cs-136(n,3n)Cs-134g	TALYS-6a	0	31
Cs-136(n,3n)Cs-134m	TALYS-6a	0	31
Cs-136(n,n'a)I-132g	TALYS-6a	0	53
Cs-136(n,n'a)I-132m	TALYS-6a	0	52
Cs-136(n,2na)I-131	TALYS-6a	0 [8]	36
Cs-136(n,3na)I-130g	TALYS-6a	0	25
Cs-136(n,3na)I-130m	TALYS-6a	0	24
Cs-136(n,n'p)Xe-135g	TALYS-6a	0	45
Cs-136(n,n'p)Xe-135m	TALYS-6a	0	44
Cs-136(n,2n2a)Sb-127	TALYS-6a	0 [8]	22
Cs-136(n,n'd)Xe-134g	TALYS-6a	0 [4,8]	36
Cs-136(n,n'd)Xe-134m	TALYS-6a	0 [4,7,8,8]	33
Cs-136(n,n't)Xe-133g	TALYS-6a	0	31
Cs-136(n,n't)Xe-133m	TALYS-6a	0	31
Cs-136(n,n'h)I-133g	TALYS-6a	0 [4,8]	27
Cs-136(n,n'h)I-133m	TALYS-6a	0 [4,7,8,8]	26
Cs-136(n,4n)Cs-133	TALYS-6a	0	24
Cs-136(n,2np)Xe-134g	TALYS-6a	0 [4,8]	33
Cs-136(n,2np)Xe-134m	TALYS-6a	0 [4,7,8,8]	29
Cs-136(n,3np)Xe-133g	TALYS-6a	0	23
Cs-136(n,3np)Xe-133m	TALYS-6a	0	23
Cs-136(n,n'2p)I-134g	TALYS-6a	0	25
Cs-136(n,n'2p)I-134m	TALYS-6a	0	25
Cs-136(n,n'pa)Te-131g	TALYS-6a	0	28
Cs-136(n,n'pa)Te-131m	TALYS-6a	0	28
>Cs-136(n,g)Cs-137	JEF-2.2	0 [13]	1901
Cs-136(n,p)Xe-136	TALYS-6a	0 [2]	100
Cs-136(n,d)Xe-135g	TALYS-6a	0	54
Cs-136(n,d)Xe-135m	TALYS-6a	0	52
Cs-136(n,t)Xe-134g	TALYS-6a	0 [4,8]	52
Cs-136(n,t)Xe-134m	TALYS-6a	0 [4,7,8,8]	48
Cs-136(n,h)I-134g	TALYS-6a	0	34
Cs-136(n,h)I-134m	TALYS-6a	0	33
Cs-136(n,a)I-133g	TALYS-6a	0 [4,2]	100
Cs-136(n,a)I-133m	TALYS-6a	0 [7,4,7,2]	100
Cs-136(n,2p)I-135	TALYS-6a	0 [8]	36
Cs-136(n,pa)Te-132	TALYS-6a	0 [8]	43
Cs-136(n,pd)I-134g	TALYS-6a	0	27
Cs-136(n,pd)I-134m	TALYS-6a	0	27
Cs-136(n,5n)Cs-132	TALYS-6a	0	16
Cs-136(n,6n)Cs-131	TALYS-6a	0	12
Cs-136(n,2nt)Xe-132	TALYS-6a	0 [8]	24
Cs-136(n,4np)Xe-132	TALYS-6a	0 [8]	17
Cs-136(n,3nd)Xe-132	TALYS-6a	0 [8]	19
Cs-136(n,n'da)Te-130	TALYS-6a	0 [8]	24
Cs-136(n,2npa)Te-130	TALYS-6a	0 [8]	22
Cs-136(n,7n)Cs-130g	TALYS-6a	0	7
Cs-136(n,7n)Cs-130m	TALYS-6a	0	7
Cs-136(n,8n)Cs-129	TALYS-6a	0	4
Cs-136(n,5np)Xe-131g	TALYS-6a	0	12
Cs-136(n,5np)Xe-131m	TALYS-6a	0	12
Cs-136(n,6np)Xe-130	TALYS-6a	0	9
Cs-136(n,4na)I-129	TALYS-6a	0 [8]	18
Cs-136(n,5na)I-128	TALYS-6a	0 [8]	12
Cs-136(n,6na)I-127	TALYS-6a	0 [8]	9
Cs-136(n,4nd)Xe-131g	TALYS-6a	0	13
Cs-136(n,4nd)Xe-131m	TALYS-6a	0	13
Cs-136(n,5nd)Xe-130	TALYS-6a	0	10
Cs-136(n,6nd)Xe-129g	TALYS-6a	0	5
Cs-136(n,6nd)Xe-129m	TALYS-6a	0	5
Cs-136(n,3nt)Xe-131g	TALYS-6a	0	16
Cs-136(n,3nt)Xe-131m	TALYS-6a	0	16
Cs-136(n,4nt)Xe-130	TALYS-6a	0 [8]	12
Cs-136(n,5nt)Xe-129g	TALYS-6a	0	8
Cs-136(n,5nt)Xe-129m	TALYS-6a	0	8
Cs-136(n,2nh)I-132g	TALYS-6a	0	19
Cs-136(n,2nh)I-132m	TALYS-6a	0	19
Cs-136(n,3nh)I-131	TALYS-6a	0 [8]	15
Cs-136(n,4nh)I-130g	TALYS-6a	0	10
Cs-136(n,4nh)I-130m	TALYS-6a	0	10
Cs-136(n,3n2p)I-132g	TALYS-6a	0	14
Cs-136(n,3n2p)I-132m	TALYS-6a	0	14
Cs-136(n,3n2a)Sb-126g	TALYS-6a	0	14
Cs-136(n,3n2a)Sb-126n	TALYS-6a	0	14
Cs-136(n,3npa)Te-129g	TALYS-6a	0	15
Cs-136(n,3npa)Te-129m	TALYS-6a	0	15
Cs-136(n,n'pd)I-133g	TALYS-6a	0 [4,8]	21
Cs-136(n,n'pd)I-133m	TALYS-6a	0 [4,7,8,8]	20
Cs-136(n,n'pt)I-132g	TALYS-6a	0	18
Cs-136(n,n'pt)I-132m	TALYS-6a	0	18
Cs-136(n,n'dt)I-131	TALYS-6a	0 [8]	15
Cs-136(n,n'ta)Te-129g	TALYS-6a	0	21
Cs-136(n,n'ta)Te-129m	TALYS-6a	0	21
Cs-136(n,2n2p)I-133g	TALYS-6a	0 [4,8]	15
Cs-136(n,2n2p)I-133m	TALYS-6a	0 [4,7,8,8]	14
Cs-136(n,4n2p)I-131	TALYS-6a	0 [8]	10
Cs-136(n,4n2a)Sb-125	TALYS-6a	0 [8]	11
Cs-136(n,4npa)Te-128	TALYS-6a	0 [8]	12
Cs-137(n,2nd)Xe-134g	TALYS-6a	0	25
Cs-137(n,2nd)Xe-134m	TALYS-6a	0	24
Cs-137(n,2n)Cs-136g	TALYS-6a	0 [4]	45
Cs-137(n,2n)Cs-136m	TALYS-6a	0 [4,7,8]	43
Cs-137(n,3n)Cs-135g	TALYS-6a	0	31
Cs-137(n,3n)Cs-135m	TALYS-6a	0	30
Cs-137(n,n'a)I-133g	TALYS-6a	0 [4,8]	53
Cs-137(n,n'a)I-133m	TALYS-6a	0 [4,7,8,8]	52
Cs-137(n,2na)I-132g	TALYS-6a	0	31
Cs-137(n,2na)I-132m	TALYS-6a	0	31
Cs-137(n,3na)I-131	TALYS-6a	0 [8]	25
Cs-137(n,n'p)Xe-136	TALYS-6a	0 [8]	45
Cs-137(n,n'2a)Sb-129g	TALYS-6a	0 [4,8]	27
Cs-137(n,n'2a)Sb-129m	TALYS-6a	0 [4,7,8,8]	26
Cs-137(n,2n2a)Sb-128g	TALYS-6a	0 [4,8]	16
Cs-137(n,2n2a)Sb-128m	TALYS-6a	0 [4,7,8,8]	15
Cs-137(n,n'd)Xe-135g	TALYS-6a	0	32
Cs-137(n,n'd)Xe-135m	TALYS-6a	0	31
Cs-137(n,n't)Xe-134g	TALYS-6a	0	31
Cs-137(n,n't)Xe-134m	TALYS-6a	0	29
Cs-137(n,n'h)I-134g	TALYS-6a	0	25
Cs-137(n,n'h)I-134m	TALYS-6a	0	24
Cs-137(n,4n)Cs-134g	TALYS-6a	0	22
Cs-137(n,4n)Cs-134m	TALYS-6a	0	22
Cs-137(n,2np)Xe-135g	TALYS-6a	0	30
Cs-137(n,2np)Xe-135m	TALYS-6a	0	30
Cs-137(n,3np)Xe-134g	TALYS-6a	0	24
Cs-137(n,3np)Xe-134m	TALYS-6a	0	22
Cs-137(n,n'2p)I-135	TALYS-6a	0 [8]	25
Cs-137(n,n'pa)Te-132	TALYS-6a	0 [8]	28
>Cs-137(n,g)Cs-138g	JEF-2.2	2 [14,13,4,6,4]	2608
>Cs-137(n,g)Cs-138m	JEF-2.2	0 [14,13,4,6,4]	2608
Cs-137(n,p)Xe-137	TALYS-6a	0 [2,8]	65
Cs-137(n,d)Xe-136	TALYS-6a	0 [8]	53
Cs-137(n,t)Xe-135g	TALYS-6a	0	44
Cs-137(n,t)Xe-135m	TALYS-6a	0	43
Cs-137(n,h)I-135	TALYS-6a	0 [8]	34
Cs-137(n,a)I-134g	TALYS-6a	0 [2]	100
Cs-137(n,a)I-134m	TALYS-6a	0 [2]	100
Cs-137(n,2p)I-136g	TALYS-6a	0	29
Cs-137(n,2p)I-136m	TALYS-6a	0	28
Cs-137(n,pd)I-135	TALYS-6a	0 [8]	27
Cs-137(n,da)Te-132	TALYS-6a	0 [8]	30
Cs-137(n,5n)Cs-133	TALYS-6a	0	16
Cs-137(n,6n)Cs-132	TALYS-6a	0	11
Cs-137(n,2nt)Xe-133g	TALYS-6a	0	23
Cs-137(n,2nt)Xe-133m	TALYS-6a	0	22
Cs-137(n,4np)Xe-133g	TALYS-6a	0	16
Cs-137(n,4np)Xe-133m	TALYS-6a	0	16
Cs-137(n,3nd)Xe-133g	TALYS-6a	0	17
Cs-137(n,3nd)Xe-133m	TALYS-6a	0	17
Cs-137(n,n'da)Te-131g	TALYS-6a	0	21
Cs-137(n,n'da)Te-131m	TALYS-6a	0	21
Cs-137(n,2npa)Te-131g	TALYS-6a	0	19
Cs-137(n,2npa)Te-131m	TALYS-6a	0	19
Cs-137(n,7n)Cs-131	TALYS-6a	0	8
Cs-137(n,8n)Cs-130g	TALYS-6a	0	3
Cs-137(n,8n)Cs-130m	TALYS-6a	0	3
Cs-137(n,5np)Xe-132	TALYS-6a	0	13
Cs-137(n,6np)Xe-131g	TALYS-6a	0	8
Cs-137(n,6np)Xe-131m	TALYS-6a	0	8
Cs-137(n,4na)I-130g	TALYS-6a	0	16
Cs-137(n,4na)I-130m	TALYS-6a	0	16
Cs-137(n,5na)I-129	TALYS-6a	0 [8]	13
Cs-137(n,6na)I-128	TALYS-6a	0 [8]	8
Cs-137(n,4nd)Xe-132	TALYS-6a	0 [8]	13
Cs-137(n,5nd)Xe-131g	TALYS-6a	0	9
Cs-137(n,5nd)Xe-131m	TALYS-6a	0	9
Cs-137(n,6nd)Xe-130	TALYS-6a	0	6
Cs-137(n,3nt)Xe-132	TALYS-6a	0 [8]	16
Cs-137(n,4nt)Xe-131g	TALYS-6a	0	12
Cs-137(n,4nt)Xe-131m	TALYS-6a	0	12
Cs-137(n,5nt)Xe-130	TALYS-6a	0 [8]	8
Cs-137(n,2nh)I-133g	TALYS-6a	0 [4,8]	18
Cs-137(n,2nh)I-133m	TALYS-6a	0 [4,7,8,8]	17
Cs-137(n,3nh)I-132g	TALYS-6a	0	14
Cs-137(n,3nh)I-132m	TALYS-6a	0	14
Cs-137(n,4nh)I-131	TALYS-6a	0 [8]	10
Cs-137(n,3n2p)I-133g	TALYS-6a	0 [4,8]	13
Cs-137(n,3n2p)I-133m	TALYS-6a	0 [4,7,8,8]	12
Cs-137(n,3n2a)Sb-127	TALYS-6a	0 [8]	14
Cs-137(n,3npa)Te-130	TALYS-6a	0 [8]	15
Cs-137(n,n'pd)I-134g	TALYS-6a	0	19
Cs-137(n,n'pd)I-134m	TALYS-6a	0	18
Cs-137(n,n'pt)I-133g	TALYS-6a	0 [4,8]	18
Cs-137(n,n'pt)I-133m	TALYS-6a	0 [4,7,8,8]	17
Cs-137(n,n'ta)Te-130	TALYS-6a	0 [8]	21
Cs-137(n,2n2p)I-134g	TALYS-6a	0	17
Cs-137(n,2n2p)I-134m	TALYS-6a	0	16
Cs-137(n,4n2p)I-132g	TALYS-6a	0	9
Cs-137(n,4n2p)I-132m	TALYS-6a	0	9
Cs-137(n,4npa)Te-129g	TALYS-6a	0	10
Cs-137(n,4npa)Te-129m	TALYS-6a	0	10
+Ba-128(n,2nd)Cs-125g	TALYS-6a	0 [4,8]	22
+Ba-128(n,2nd)Cs-125m	TALYS-6a	0 [4,7,8,8]	21
+Ba-128(n,2n)Ba-127g	TALYS-6a	0	40
+Ba-128(n,2n)Ba-127m	TALYS-6a	0	40
Ba-128(n,3n)Ba-126	TALYS-6a	0	27
Ba-128(n,n'a)Xe-124	TALYS-6a	0 [8]	68
Ba-128(n,n'3a)Sn-116	TALYS-6a	0 [8]	25
Ba-128(n,2na)Xe-123	TALYS-6a	0 [8]	33
Ba-128(n,3na)Xe-122	TALYS-6a	0 [8,7,8]	24
Ba-128(n,n'p)Cs-127	TALYS-6a	0 [8]	50
Ba-128(n,n'2a)Te-120	TALYS-6a	0 [8]	41
Ba-128(n,2n2a)Te-119g	TALYS-6a	0	25
Ba-128(n,2n2a)Te-119m	TALYS-6a	0	25
Ba-128(n,n'd)Cs-126	TALYS-6a	0 [8]	31
+Ba-128(n,n't)Cs-125g	TALYS-6a	0 [4,8]	28
+Ba-128(n,n't)Cs-125m	TALYS-6a	0 [4,7,8,8]	27
Ba-128(n,n'h)Xe-125g	TALYS-6a	0	29
Ba-128(n,n'h)Xe-125m	TALYS-6a	0	29
Ba-128(n,n'd2a)Sb-118g	TALYS-6a	0	15
Ba-128(n,n'd2a)Sb-118m	TALYS-6a	0	15
Ba-128(n,n't2a)Sb-117	TALYS-6a	0 [8]	14
Ba-128(n,4n)Ba-125	TALYS-6a	0	16
Ba-128(n,2np)Cs-126	TALYS-6a	0 [8]	29
+Ba-128(n,3np)Cs-125g	TALYS-6a	0 [4,8]	21
+Ba-128(n,3np)Cs-125m	TALYS-6a	0 [4,7,8,8]	19

Reaction	Method	Flag	Refs	Value
Ba-128(n,n'2p)Xe-126	TALYS-6a	0	[8]	34
Ba-128(n,n'pa)I-123	TALYS-6a	0	[8]	35
Ba-128(n,g)Ba-129g	MASGAM	0	[14,13,4,6]	83
Ba-128(n,g)Ba-129m	MASGAM	0	[14,13,4,6]	83
Ba-128(n,p)Cs-128	TALYS-6a	0	[2]	100
Ba-128(n,d)Cs-127	TALYS-6a	0	[8]	58
Ba-128(n,t)Cs-126	TALYS-6a	0	[8]	42
Ba-128(n,h)Xe-126	TALYS-6a	0	[8]	51
Ba-128(n,a)Xe-125g	TALYS-6a	0	[2]	100
Ba-128(n,a)Xe-125m	TALYS-6a	0	[2]	100
Ba-128(n,2a)Te-121g	TALYS-6a	0		100
Ba-128(n,2a)Te-121m	TALYS-6a	0		100
Ba-128(n,2p)Xe-127g	TALYS-6a	0		54
Ba-128(n,2p)Xe-127m	TALYS-6a	0		53
Ba-128(n,pa)I-124	TALYS-6a	0		100
Ba-128(n,pd)Xe-126	TALYS-6a	0	[8]	37
Ba-128(n,pt)Xe-125g	TALYS-6a	0		30
Ba-128(n,pt)Xe-125m	TALYS-6a	0		30
Ba-128(n,da)I-123	TALYS-6a	0	[8]	37
Ba-128(n,5n)Ba-124	TALYS-6a	0		12
Ba-128(n,6n)Ba-123	TALYS-6a	0		6
Ba-128(n,2nt)Cs-124g	TALYS-6a	0	[4,8]	18
Ba-128(n,2nt)Cs-124m	TALYS-6a	0	[4,7,8,8]	17
Ba-128(n,ta)I-122	TALYS-6a	0	[8]	30
Ba-128(n,4np)Cs-124g	TALYS-6a	0	[4]	14
Ba-128(n,4np)Cs-124m	TALYS-6a	0	[4,7,8]	13
Ba-128(n,3nd)Cs-124g	TALYS-6a	0	[4,8]	14
Ba-128(n,3nd)Cs-124m	TALYS-6a	0	[4,7,8,8]	13
Ba-128(n,n'da)I-122	TALYS-6a	0	[8]	24
Ba-128(n,2npa)I-122	TALYS-6a	0	[8]	23
Ba-128(n,5np)Cs-123g	TALYS-6a	0		9
Ba-128(n,5np)Cs-123m	TALYS-6a	0		9
Ba-128(n,4na)Xe-121	TALYS-6a	0	[8]	15
Ba-128(n,5na)Xe-120	TALYS-6a	0	[8]	10
Ba-128(n,4nd)Cs-123g	TALYS-6a	0		10
Ba-128(n,4nd)Cs-123m	TALYS-6a	0		10
Ba-128(n,3nt)Cs-123g	TALYS-6a	0		13
Ba-128(n,3nt)Cs-123m	TALYS-6a	0		13
Ba-128(n,4nt)Cs-122g	TALYS-6a	0		7
Ba-128(n,4nt)Cs-122m	TALYS-6a	0		7
Ba-128(n,4nt)Cs-122n	TALYS-6a	0		7
Ba-128(n,2nh)Xe-124	TALYS-6a	0	[8]	22
Ba-128(n,3nh)Xe-123	TALYS-6a	0	[8]	14
Ba-128(n,4nh)Xe-122	TALYS-6a	0	[8,7,8]	10
Ba-128(n,3n2p)Xe-124	TALYS-6a	0	[8]	16
Ba-128(n,3n2a)Te-118	TALYS-6a	0	[8]	17
Ba-128(n,3npa)I-121	TALYS-6a	0	[8]	16
Ba-128(n,dt)Xe-124	TALYS-6a	0	[8]	23
Ba-128(n,n'pd)Xe-125g	TALYS-6a	0		24
Ba-128(n,n'pd)Xe-125m	TALYS-6a	0		24
Ba-128(n,n'pt)Xe-124	TALYS-6a	0	[8]	22
Ba-128(n,n'dt)Xe-123	TALYS-6a	0	[8]	14
Ba-128(n,n'ph)I-124	TALYS-6a	0	[8]	18
Ba-128(n,n'dh)I-123	TALYS-6a	0	[8]	14
Ba-128(n,n'ta)I-121	TALYS-6a	0	[8]	22
Ba-128(n,2n2p)Xe-125g	TALYS-6a	0		22
Ba-128(n,2n2p)Xe-125m	TALYS-6a	0		22
Ba-128(n,ph)I-125	TALYS-6a	0	[8]	28
Ba-128(n,ha)Te-122	TALYS-6a	0	[8]	30
Ba-128(n,4n2p)Xe-123	TALYS-6a	0	[8]	10
Ba-128(n,4n2a)Te-117g	TALYS-6a	0		11
Ba-128(n,4n2a)Te-117m	TALYS-6a	0		11
Ba-128(n,4npa)I-120g	TALYS-6a	0	[4,8]	10
Ba-128(n,4npa)I-120m	TALYS-6a	0	[4,7,8,8]	9
Ba-128(n,3p)I-126	TALYS-6a	0	[8]	28
Ba-128(n,n'3p)I-125	TALYS-6a	0	[8]	21
Ba-128(n,3n2pa)Te-120	TALYS-6a	0	[8]	11
Ba-128(n,5n2p)Xe-122	TALYS-6a	0	[8,7,8]	6
Ba-129(n,n')Ba-129m	TALYS-6a	0		93
Ba-129(n,2nd)Cs-126	TALYS-6a	0	[8]	23
Ba-129(n,2n)Ba-128	TALYS-6a	0		47
+Ba-129(n,3n)Ba-127g	TALYS-6a	0		28
+Ba-129(n,3n)Ba-127m	TALYS-6a	0		28
Ba-129(n,n'a)Xe-125g	TALYS-6a	0		67
Ba-129(n,n'a)Xe-125m	TALYS-6a	0		66
Ba-129(n,n'3a)Sn-117g	TALYS-6a	0		23
Ba-129(n,n'3a)Sn-117m	TALYS-6a	0		23
Ba-129(n,2na)Xe-124	TALYS-6a	0	[8]	39
Ba-129(n,3na)Xe-123	TALYS-6a	0	[8]	24
Ba-129(n,n'p)Cs-128	TALYS-6a	0	[8]	50
Ba-129(n,n'2a)Te-121g	TALYS-6a	0		38
Ba-129(n,n'2a)Te-121m	TALYS-6a	0		38
Ba-129(n,2n2a)Te-120	TALYS-6a	0	[8]	28
Ba-129(n,n'd)Cs-127	TALYS-6a	0	[8]	35
Ba-129(n,n't)Cs-126	TALYS-6a	0	[8]	29
Ba-129(n,n'h)Xe-126	TALYS-6a	0	[8]	31
+Ba-129(n,n'd2a)Sb-119g	TALYS-6a	0	[4,8]	16
+Ba-129(n,n'd2a)Sb-119m	TALYS-6a	0	[4,7,8,8]	15
Ba-129(n,4n)Ba-126	TALYS-6a	0		20
Ba-129(n,2np)Cs-127	TALYS-6a	0	[8]	31
Ba-129(n,3np)Cs-126	TALYS-6a	0		22
Ba-129(n,n'2p)Xe-127g	TALYS-6a	0		33
Ba-129(n,n'2p)Xe-127m	TALYS-6a	0		32
Ba-129(n,n'pa)I-124	TALYS-6a	0	[8]	34
Ba-129(n,g)Ba-130	MASGAM	0	[14,13]	83
Ba-129(n,p)Cs-129	TALYS-6a	0	[2]	100
Ba-129(n,d)Cs-128	TALYS-6a	0	[8]	58
Ba-129(n,t)Cs-127	TALYS-6a	0	[8]	48
Ba-129(n,h)Xe-127g	TALYS-6a	0		47
Ba-129(n,h)Xe-127m	TALYS-6a	0		46
Ba-129(n,a)Xe-126	TALYS-6a	0	[2]	100
Ba-129(n,2a)Te-122	TALYS-6a	0	[10]	100
Ba-129(n,2p)Xe-128	TALYS-6a	0		64
Ba-129(n,pa)I-125	TALYS-6a	0		100
Ba-129(n,pd)Xe-127g	TALYS-6a	0		36
Ba-129(n,pd)Xe-127m	TALYS-6a	0		35
Ba-129(n,pt)Xe-126	TALYS-6a	0	[8]	33
Ba-129(n,da)I-124	TALYS-6a	0	[8]	36
Ba-129(n,5n)Ba-125	TALYS-6a	0		12
Ba-129(n,6n)Ba-124	TALYS-6a	0		8
+Ba-129(n,2nt)Cs-125g	TALYS-6a	0	[4,8]	20
+Ba-129(n,2nt)Cs-125m	TALYS-6a	0	[4,7,8,8]	19
Ba-129(n,ta)I-123	TALYS-6a	0	[8]	33
+Ba-129(n,4np)Cs-125g	TALYS-6a	0	[4]	15
+Ba-129(n,4np)Cs-125m	TALYS-6a	0	[4,7,8]	14
+Ba-129(n,3nd)Cs-125g	TALYS-6a	0	[4]	16
+Ba-129(n,3nd)Cs-125m	TALYS-6a	0	[4,7,8]	15
Ba-129(n,n'da)I-123	TALYS-6a	0	[8]	26
Ba-129(n,2npa)I-123	TALYS-6a	0	[8]	25
Ba-129(n,5np)Cs-124g	TALYS-6a	0	[4]	10
Ba-129(n,5np)Cs-124m	TALYS-6a	0	[4,7,8]	9
Ba-129(n,4na)Xe-122	TALYS-6a	0	[8,7,8]	16
Ba-129(n,5na)Xe-121	TALYS-6a	0	[8]	11
Ba-129(n,4nd)Cs-124g	TALYS-6a	0	[4,8]	10
Ba-129(n,4nd)Cs-124m	TALYS-6a	0	[4,7,8,8]	9
Ba-129(n,5nd)Cs-123g	TALYS-6a	0		6
Ba-129(n,5nd)Cs-123m	TALYS-6a	0		6
Ba-129(n,3nt)Cs-124g	TALYS-6a	0	[4,8]	13
Ba-129(n,3nt)Cs-124m	TALYS-6a	0	[4,7,8,8]	12
Ba-129(n,4nt)Cs-123g	TALYS-6a	0		9
Ba-129(n,4nt)Cs-123m	TALYS-6a	0		9
Ba-129(n,2nh)Xe-125g	TALYS-6a	0		21
Ba-129(n,2nh)Xe-125m	TALYS-6a	0		22
Ba-129(n,3nh)Xe-124	TALYS-6a	0	[8]	15
Ba-129(n,4nh)Xe-123	TALYS-6a	0	[8]	10
Ba-129(n,3n2p)Xe-125g	TALYS-6a	0		15
Ba-129(n,3n2p)Xe-125m	TALYS-6a	0		15
Ba-129(n,3n2a)Te-119g	TALYS-6a	0		16
Ba-129(n,3n2a)Te-119m	TALYS-6a	0		16
Ba-129(n,3npa)I-122	TALYS-6a	0	[8]	16
Ba-129(n,dt)Xe-125g	TALYS-6a	0		22
Ba-129(n,dt)Xe-125m	TALYS-6a	0		22
Ba-129(n,n'pd)Xe-126	TALYS-6a	0	[8]	26
Ba-129(n,n'pt)Xe-125g	TALYS-6a	0		22
Ba-129(n,n'pt)Xe-125m	TALYS-6a	0		22
Ba-129(n,n'dt)Xe-124	TALYS-6a	0	[8]	16
Ba-129(n,n'ph)I-125	TALYS-6a	0	[8]	20
Ba-129(n,n'dh)I-124	TALYS-6a	0	[8]	14
Ba-129(n,n'ta)I-122	TALYS-6a	0	[8]	21
Ba-129(n,2n2p)Xe-126	TALYS-6a	0	[8]	25
Ba-129(n,ph)I-126	TALYS-6a	0	[8]	27
Ba-129(n,4n2p)Xe-124	TALYS-6a	0	[8]	12
Ba-129(n,4n2a)Te-118	TALYS-6a	0	[8]	13
Ba-129(n,4npa)I-121	TALYS-6a	0	[8]	12
Ba-129(n,3p)I-127	TALYS-6a	0	[8]	30
Ba-129(n,n'3p)I-126	TALYS-6a	0	[8]	20
Ba-129(n,3n2pa)Te-121g	TALYS-6a	0		11
Ba-129(n,3n2pa)Te-121m	TALYS-6a	0		11
Ba-129(n,5n2p)Xe-123	TALYS-6a	0	[8]	6
Ba-130(n,2nd)Cs-127	TALYS-6a	0	[8]	23
Ba-130(n,2n)Ba-129g	TALYS-6a	0	[3]	41
Ba-130(n,2n)Ba-129m	TALYS-6	2	[3]	41
Ba-130(n,3n)Ba-128	TALYS-6a	0		28
Ba-130(n,n'a)Xe-126	TALYS-6a	0	[8]	66
Ba-130(n,2na)Xe-125g	TALYS-6a	0		33
Ba-130(n,2na)Xe-125m	TALYS-6a	0		33
Ba-130(n,3na)Xe-124	TALYS-6a	0	[8]	25
Ba-130(n,n'p)Cs-129	TALYS-6a	0	[8]	47
Ba-130(n,n'2a)Te-122	TALYS-6a	0	[8]	37
Ba-130(n,2n2a)Te-121g	TALYS-6a	0		24
Ba-130(n,2n2a)Te-121m	TALYS-6a	0		24
Ba-130(n,n'd)Cs-128	TALYS-6a	0	[8]	31
Ba-130(n,n't)Cs-127	TALYS-6a	0	[8]	29
Ba-130(n,n'h)Xe-127g	TALYS-6a	0		28
Ba-130(n,n'h)Xe-127m	TALYS-6a	0		28
Ba-130(n,4n)Ba-127g	TALYS-6a	0		18
Ba-130(n,4n)Ba-127m	TALYS-6a	0		17
Ba-130(n,2np)Cs-128	TALYS-6a	0	[8]	29
Ba-130(n,3np)Cs-127	TALYS-6a	0	[8]	21
Ba-130(n,n'2p)Xe-128	TALYS-6a	0	[8]	31
Ba-130(n,n'pa)I-125	TALYS-6a	0	[8]	33
Ba-130(n,g)Ba-131g	SIGECN-MASGAM	2	[14,13,4,6]	3631
Ba-130(n,g)Ba-131m	SIGECN-MASGAM	2	[14,13,4,6]	3631
+Ba-130(n,p)Cs-130g	TALYS-6a	0	[2]	100
+Ba-130(n,p)Cs-130m	TALYS-6a	0	[2]	100
Ba-130(n,d)Cs-129	TALYS-6a	0	[8]	55
Ba-130(n,t)Cs-128	TALYS-6a	0	[8]	41
Ba-130(n,h)Xe-128	TALYS-6a	0	[8]	45
Ba-130(n,a)Xe-127g	TALYS-6a	0	[9,2,3]	3665
Ba-130(n,a)Xe-127m	TALYS-6a	0	[9,2,3]	3665
Ba-130(n,2a)Te-123g	TALYS-6a	0		100
Ba-130(n,2a)Te-123m	TALYS-6a	0		100
Ba-130(n,2p)Xe-129g	TALYS-6a	0		46
Ba-130(n,2p)Xe-129m	TALYS-6a	0		45
Ba-130(n,pa)I-126	TALYS-6a	0	[8]	50
Ba-130(n,pd)Xe-128	TALYS-6a	0	[8]	34
Ba-130(n,pt)Xe-127g	TALYS-6a	0		29
Ba-130(n,pt)Xe-127m	TALYS-6a	0		29
Ba-130(n,da)I-125	TALYS-6a	0	[8]	34
Ba-130(n,5n)Ba-126	TALYS-6a	0		13
Ba-130(n,6n)Ba-125	TALYS-6a	0		7
Ba-130(n,2nt)Cs-126	TALYS-6a	0	[8]	18
Ba-130(n,ta)I-124	TALYS-6a	0	[8]	29
Ba-130(n,4np)Cs-126	TALYS-6a	0		14
Ba-130(n,3nd)Cs-126	TALYS-6a	0		15
Ba-130(n,n'da)I-124	TALYS-6a	0	[8]	23
Ba-130(n,2npa)I-124	TALYS-6a	0	[8]	22
+Ba-130(n,5np)Cs-125g	TALYS-6a	0	[4]	10
+Ba-130(n,5np)Cs-125m	TALYS-6a	0	[4,7,8]	9
Ba-130(n,4na)Xe-123	TALYS-6a	0	[8]	15
Ba-130(n,5na)Xe-122	TALYS-6a	0	[8,7,8]	11
+Ba-130(n,4nd)Cs-125g	TALYS-6a	0	[4,8]	10
+Ba-130(n,4nd)Cs-125m	TALYS-6a	0	[4,7,8,8]	9
Ba-130(n,5nd)Cs-124g	TALYS-6a	0	[4,8]	5
Ba-130(n,5nd)Cs-124m	TALYS-6a	0	[4,7,8,8]	4
+Ba-130(n,3nt)Cs-125g	TALYS-6a	0	[4,8]	13
+Ba-130(n,3nt)Cs-125m	TALYS-6a	0	[4,7,8,8]	12
Ba-130(n,4nt)Cs-124g	TALYS-6a	0	[4,8]	8

Ba-130(n,4nt)Cs-124m	TALYS-6a	0 [4,7,8,8]	7	Ba-131(n,n'3p)I-128	TALYS-6a	0 [8]	18
Ba-130(n,2nh)Xe-126	TALYS-6a	0 [8]	21	Ba-132(n,2nd)Cs-129	TALYS-6a	0 [8]	23
Ba-130(n,3nh)Xe-125g	TALYS-6a	0	14	Ba-132(n,2n)Ba-131g	ADL-3	1 [13]	44
Ba-130(n,3nh)Xe-125m	TALYS-6a	0	14	Ba-132(n,2n)Ba-131m	ADL-3	4 [13]	44
Ba-130(n,4nh)Xe-124	TALYS-6a	0 [8]	10	Ba-132(n,3n)Ba-130	TALYS-6a	0	29
Ba-130(n,3n2p)Xe-126	TALYS-6a	0 [8]	15	Ba-132(n,n'a)Xe-128	TALYS-6a	0 [8]	63
Ba-130(n,3n2a)Te-120	TALYS-6a	0 [8]	16	Ba-132(n,2na)Xe-127g	TALYS-6a	0	33
Ba-130(n,3npa)I-123	TALYS-6a	0 [8]	15	Ba-132(n,2na)Xe-127m	TALYS-6a	0	33
Ba-130(n,dt)Xe-126	TALYS-6a	0 [8]	22	Ba-132(n,3na)Xe-126	TALYS-6a	0 [8]	25
Ba-130(n,n'pd)Xe-127g	TALYS-6a	0	23	Ba-132(n,n'p)Cs-131	TALYS-6a	0 [8]	45
Ba-130(n,n'pd)Xe-127m	TALYS-6a	0	23	Ba-132(n,n'2a)Te-124	TALYS-6a	0 [8]	35
Ba-130(n,n'pt)Xe-126	TALYS-6a	0 [8]	22	Ba-132(n,2n2a)Te-123g	TALYS-6a	0	23
Ba-130(n,n'dt)Xe-125g	TALYS-6a	0	14	Ba-132(n,2n2a)Te-123m	TALYS-6a	0	23
Ba-130(n,n'dt)Xe-125m	TALYS-6a	0	14	+Ba-132(n,n'd)Cs-130g	TALYS-6a	0	30
Ba-130(n,n'ph)I-126	TALYS-6a	0 [8]	16	+Ba-132(n,n'd)Cs-130m	TALYS-6a	0	30
Ba-130(n,n'dh)I-125	TALYS-6a	0 [8]	13	Ba-132(n,n't)Cs-129	TALYS-6a	0 [8]	29
Ba-130(n,n'ta)I-123	TALYS-6a	0 [8]	21	Ba-132(n,n'h)Xe-129g	TALYS-6a	0	28
Ba-130(n,2n2p)Xe-127g	TALYS-6a	0	22	Ba-132(n,n'h)Xe-129m	TALYS-6a	0	27
Ba-130(n,2n2p)Xe-127m	TALYS-6a	0	21	Ba-132(n,4n)Ba-129g	TALYS-6a	0	19
Ba-130(n,ph)I-127	TALYS-6a	0 [8]	26	Ba-132(n,4n)Ba-129m	TALYS-6a	0	19
Ba-130(n,4n2p)Xe-125g	TALYS-6a	0	10	Ba-132(n,2np)Cs-130g	TALYS-6a	0	29
Ba-130(n,4n2p)Xe-125m	TALYS-6a	0	10	Ba-132(n,2np)Cs-130m	TALYS-6a	0	29
Ba-130(n,4n2a)Te-119g	TALYS-6a	0	11	Ba-132(n,3np)Cs-129	TALYS-6a	0 [8]	21
Ba-130(n,4n2a)Te-119m	TALYS-6a	0	11	Ba-132(n,n'2p)Xe-130	TALYS-6a	0 [8]	30
Ba-130(n,4npa)I-122	TALYS-6a	0 [8]	10	Ba-132(n,n'pa)I-127	TALYS-6a	0 [8]	31
Ba-130(n,n'3p)I-127	TALYS-6a	0 [8]	19	>Ba-132(n,g)Ba-133g	TALYS-6a	2 [3]	100
Ba-130(n,3n2pa)Te-122	TALYS-6a	0 [8]	10	>Ba-132(n,g)Ba-133m	TALYS-6a	2 [3]	100
Ba-130(n,5n2p)Xe-124	TALYS-6a	0 [8]	6	Ba-132(n,p)Cs-132	ADL-3	2 [13,3]	45
Ba-131(n,n')Ba-131m	TALYS-6a	0	89	Ba-132(n,d)Cs-131	TALYS-6a	0 [8]	52
Ba-131(n,2nd)Cs-128	TALYS-6a	0 [8]	23	+Ba-132(n,t)Cs-130g	TALYS-6a	0	41
Ba-131(n,2n)Ba-130	TALYS-6a	0	48	+Ba-132(n,t)Cs-130m	TALYS-6a	0	41
Ba-131(n,3n)Ba-129g	TALYS-6a	0	29	Ba-132(n,h)Xe-130	TALYS-6a	0 [8]	42
Ba-131(n,3n)Ba-129m	TALYS-6a	0	29	Ba-132(n,a)Xe-129g	TALYS-6a	0 [2]	100
Ba-131(n,n'a)Xe-127g	TALYS-6a	0	64	Ba-132(n,a)Xe-129m	TALYS-6a	0 [2]	100
Ba-131(n,n'a)Xe-127m	TALYS-6a	0	63	Ba-132(n,2a)Te-125g	TALYS-6a	0	100
Ba-131(n,2na)Xe-126	TALYS-6a	0 [8]	38	Ba-132(n,2a)Te-125m	TALYS-6a	0	100
Ba-131(n,3na)Xe-125g	TALYS-6a	0	25	Ba-132(n,2p)Xe-131g	TALYS-6a	0	42
Ba-131(n,3na)Xe-125m	TALYS-6a	0	24	Ba-132(n,2p)Xe-131m	TALYS-6a	0	42
+Ba-131(n,n'p)Cs-130g	TALYS-6a	0	46	Ba-132(n,pa)I-128	TALYS-6a	0 [8]	44
+Ba-131(n,n'p)Cs-130m	TALYS-6a	0	45	Ba-132(n,pd)Xe-130	TALYS-6a	0 [8]	32
Ba-131(n,n'2a)Te-123g	TALYS-6a	0	35	Ba-132(n,pt)Xe-129g	TALYS-6a	0	28
Ba-131(n,n'2a)Te-123m	TALYS-6a	0	35	Ba-132(n,pt)Xe-129m	TALYS-6a	0	28
Ba-131(n,2n2a)Te-122	TALYS-6a	0 [8]	26	Ba-132(n,da)I-127	TALYS-6a	0 [8]	32
Ba-131(n,n'd)Cs-129	TALYS-6a	0 [8]	34	Ba-132(n,5n)Ba-128	TALYS-6a	0	14
Ba-131(n,n't)Cs-128	TALYS-6a	0 [8]	29	Ba-132(n,6n)Ba-127g	TALYS-6a	0	8
Ba-131(n,n'h)Xe-128	TALYS-6a	0 [8]	30	Ba-132(n,6n)Ba-127m	TALYS-6a	0	8
Ba-131(n,4n)Ba-128	TALYS-6a	0	21	Ba-132(n,2nt)Cs-128	TALYS-6a	0 [8]	19
Ba-131(n,2np)Cs-129	TALYS-6a	0 [8]	31	Ba-132(n,ta)I-126	TALYS-6a	0 [8]	28
Ba-131(n,3np)Cs-128	TALYS-6a	0 [8]	21	Ba-132(n,4np)Cs-128	TALYS-6a	0	14
Ba-131(n,n'2p)Xe-129g	TALYS-6a	0	31	Ba-132(n,3nd)Cs-128	TALYS-6a	0	15
Ba-131(n,n'2p)Xe-129m	TALYS-6a	0	31	Ba-132(n,n'da)I-126	TALYS-6a	0 [8]	22
Ba-131(n,n'pa)I-126	TALYS-6a	0 [8]	31	Ba-132(n,2npa)I-126	TALYS-6a	0 [8]	21
Ba-131(n,g)Ba-132	MASGAM	0 [14,13]	83	Ba-132(n,7n)Ba-126	TALYS-6a	0	4
Ba-131(n,p)Cs-131	TALYS-6a	0 [2]	100	Ba-132(n,5np)Cs-127	TALYS-6a	0	10
+Ba-131(n,d)Cs-130g	TALYS-6a	0	55	Ba-132(n,4na)Xe-125g	TALYS-6a	0	15
+Ba-131(n,d)Cs-130m	TALYS-6a	0	54	Ba-132(n,4na)Xe-125m	TALYS-6a	0	15
Ba-131(n,t)Cs-129	TALYS-6a	0 [8]	47	Ba-132(n,5na)Xe-124	TALYS-6a	0 [8]	12
Ba-131(n,h)Xe-129g	TALYS-6a	0	43	Ba-132(n,6na)Xe-123	TALYS-6a	0 [8]	6
Ba-131(n,h)Xe-129m	TALYS-6a	0	43	Ba-132(n,4nd)Cs-127	TALYS-6a	0 [8]	11
Ba-131(n,a)Xe-128	TALYS-6a	0 [2]	100	Ba-132(n,5nd)Cs-126	TALYS-6a	0 [8]	6
Ba-131(n,2a)Te-124	TALYS-6a	0	100	Ba-132(n,3nt)Cs-127	TALYS-6a	0 [8]	14
Ba-131(n,2p)Xe-130	TALYS-6a	0 [8]	55	Ba-132(n,4nt)Cs-126	TALYS-6a	0 [8]	9
Ba-131(n,pa)I-127	TALYS-6a	0	100	Ba-132(n,2nh)Xe-128	TALYS-6a	0 [8]	21
Ba-131(n,pd)Xe-129g	TALYS-6a	0	33	Ba-132(n,3nh)Xe-127g	TALYS-6a	0	14
Ba-131(n,pd)Xe-129m	TALYS-6a	0	33	Ba-132(n,3nh)Xe-127m	TALYS-6a	0	14
Ba-131(n,pt)Xe-128	TALYS-6a	0 [8]	31	Ba-132(n,4nh)Xe-126	TALYS-6a	0 [8]	10
Ba-131(n,da)I-126	TALYS-6a	0 [8]	33	Ba-132(n,3n2p)Xe-128	TALYS-6a	0 [8]	15
Ba-131(n,5n)Ba-127g	TALYS-6a	0	13	Ba-132(n,3n2a)Te-122	TALYS-6a	0 [8]	16
Ba-131(n,5n)Ba-127m	TALYS-6a	0	13	Ba-132(n,3npa)I-125	TALYS-6a	0 [8]	15
Ba-131(n,6n)Ba-126	TALYS-6a	0	9	Ba-132(n,n'pd)Xe-129g	TALYS-6a	0	22
Ba-131(n,2nt)Cs-127	TALYS-6a	0 [8]	21	Ba-132(n,n'pd)Xe-129m	TALYS-6a	0	22
Ba-131(n,ta)I-125	TALYS-6a	0 [8]	31	Ba-132(n,n'pt)Xe-128	TALYS-6a	0 [8]	21
Ba-131(n,4np)Cs-127	TALYS-6a	0	15	Ba-132(n,n'dt)Xe-127g	TALYS-6a	0	14
Ba-131(n,3nd)Cs-127	TALYS-6a	0 [8]	16	Ba-132(n,n'dt)Xe-127m	TALYS-6a	0	14
Ba-131(n,n'da)I-125	TALYS-6a	0 [8]	25	Ba-132(n,n'ph)I-128	TALYS-6a	0 [8]	16
Ba-131(n,2npa)I-125	TALYS-6a	0 [8]	24	Ba-132(n,n'ta)I-125	TALYS-6a	0 [8]	21
Ba-131(n,5np)Cs-126	TALYS-6a	0	10	Ba-132(n,2n2p)Xe-129g	TALYS-6a	0	21
+Ba-131(n,6np)Cs-125g	TALYS-6a	0 [4]	6	Ba-132(n,2n2p)Xe-129m	TALYS-6a	0	20
+Ba-131(n,6np)Cs-125m	TALYS-6a	0 [4,7,8]	5	Ba-132(n,4n2p)Xe-127g	TALYS-6a	0	10
Ba-131(n,4na)Xe-124	TALYS-6a	0 [8]	17	Ba-132(n,4n2p)Xe-127m	TALYS-6a	0	10
Ba-131(n,5na)Xe-123	TALYS-6a	0 [8]	11	Ba-132(n,4n2a)Te-121g	TALYS-6a	0	11
Ba-131(n,6na)Xe-122	TALYS-6a	0 [8,7,8]	7	Ba-132(n,4n2a)Te-121m	TALYS-6a	0	11
Ba-131(n,4nd)Cs-126	TALYS-6a	0	11	Ba-132(n,4npa)I-124	TALYS-6a	0 [8]	10
+Ba-131(n,5nd)Cs-125g	TALYS-6a	0 [4]	7	Ba-132(n,n'3p)I-129	TALYS-6a	0 [8]	16
+Ba-131(n,5nd)Cs-125m	TALYS-6a	0 [4,7,8]	6	Ba-132(n,5n2p)Xe-126	TALYS-6a	0 [8]	7
Ba-131(n,3nt)Cs-126	TALYS-6a	0 [8]	14	Ba-133(n,n')Ba-133m	TALYS-6a	0	88
+Ba-131(n,4nt)Cs-125g	TALYS-6a	0 [4,8]	9	Ba-133(n,2nd)Cs-130g	TALYS-6a	0	23
+Ba-131(n,4nt)Cs-125m	TALYS-6a	0 [4,7,8,8]	8	Ba-133(n,2nd)Cs-130m	TALYS-6a	0	23
Ba-131(n,2nh)Xe-127g	TALYS-6a	0	21	Ba-133(n,2n)Ba-132	TALYS-6a	0	49
Ba-131(n,2nh)Xe-127m	TALYS-6a	0	21	Ba-133(n,3n)Ba-131g	TALYS-6a	0	29
Ba-131(n,3nh)Xe-126	TALYS-6a	0 [8]	15	Ba-133(n,3n)Ba-131m	TALYS-6a	0	29
Ba-131(n,4nh)Xe-125g	TALYS-6a	0	10	Ba-133(n,n'a)Xe-129g	TALYS-6a	0	62
Ba-131(n,4nh)Xe-125m	TALYS-6a	0	10	Ba-133(n,n'a)Xe-129m	TALYS-6a	0	61
Ba-131(n,3n2p)Xe-127g	TALYS-6a	0	15	Ba-133(n,2na)Xe-128	TALYS-6a	0 [8]	38
Ba-131(n,3n2p)Xe-127m	TALYS-6a	0	15	Ba-133(n,3na)Xe-127g	TALYS-6a	0	25
Ba-131(n,3n2a)Te-121g	TALYS-6a	0	16	Ba-133(n,3na)Xe-127m	TALYS-6a	0	25
Ba-131(n,3n2a)Te-121m	TALYS-6a	0	16	Ba-133(n,n'p)Cs-132	TALYS-6a	0 [8]	45
Ba-131(n,3npa)I-124	TALYS-6a	0 [8]	15	Ba-133(n,n'2a)Te-125g	TALYS-6a	0	32
Ba-131(n,n'pd)Xe-128	TALYS-6a	0 [8]	25	Ba-133(n,n'2a)Te-125m	TALYS-6a	0	33
Ba-131(n,n'pt)Xe-127g	TALYS-6a	0	21	Ba-133(n,2n2a)Te-124	TALYS-6a	0 [8]	25
Ba-131(n,n'pt)Xe-127m	TALYS-6a	0	21	Ba-133(n,n'd)Cs-131	TALYS-6a	0 [8]	33
Ba-131(n,n'dt)Xe-126	TALYS-6a	0 [8]	15	+Ba-133(n,n't)Cs-130g	TALYS-6a	0	29
Ba-131(n,n'ph)I-127	TALYS-6a	0 [8]	18	+Ba-133(n,n't)Cs-130m	TALYS-6a	0	29
Ba-131(n,n'dh)I-126	TALYS-6a	0 [8]	13	Ba-133(n,n'h)Xe-130	TALYS-6a	0 [8]	29
Ba-131(n,n'ta)I-124	TALYS-6a	0 [8]	21	Ba-133(n,4n)Ba-130	TALYS-6a	0	22
Ba-131(n,2n2p)Xe-128	TALYS-6a	0 [8]	24	Ba-133(n,2np)Cs-131	TALYS-6a	0 [8]	31
Ba-131(n,4n2p)Xe-126	TALYS-6a	0 [8]	11	Ba-133(n,3np)Cs-130g	TALYS-6a	0	22
Ba-131(n,4n2a)Te-120	TALYS-6a	0 [8]	12	Ba-133(n,3np)Cs-130m	TALYS-6a	0	21
Ba-131(n,4npa)I-123	TALYS-6a	0 [8]	11	Ba-133(n,n'2p)Xe-131g	TALYS-6a	0	29

Reaction	Library	Flag	Value
Ba-133(n,n'2p)Xe-131m	TALYS-6a	0	29
Ba-133(n,n'pa)I-128	TALYS-6a	0 [8]	30
Ba-133(n,g)Ba-134	MASGAM	2 [14,13,12]	115
Ba-133(n,p)Cs-133	TALYS-6a	0 [2]	100
Ba-133(n,d)Cs-132	TALYS-6a	0 [8]	51
Ba-133(n,t)Cs-131	TALYS-6a	0 [8]	45
Ba-133(n,h)Xe-131g	TALYS-6a	0	41
Ba-133(n,h)Xe-131m	TALYS-6a	0	41
Ba-133(n,a)Xe-130	TALYS-6a	0 [2]	100
Ba-133(n,2a)Te-126	TALYS-6a	0	100
Ba-133(n,2p)Xe-132	TALYS-6a	0 [8]	47
Ba-133(n,pa)I-129	TALYS-6a	0 [8]	51
Ba-133(n,pd)Xe-131g	TALYS-6a	0	31
Ba-133(n,pd)Xe-131m	TALYS-6a	0	31
Ba-133(n,pt)Xe-130	TALYS-6a	0 [8]	30
Ba-133(n,da)I-128	TALYS-6a	0 [8]	31
Ba-133(n,5n)Ba-129g	TALYS-6a	0	14
Ba-133(n,5n)Ba-129m	TALYS-6a	0	14
Ba-133(n,6n)Ba-128	TALYS-6a	0	10
Ba-133(n,2nt)Cs-129	TALYS-6a	0 [8]	21
Ba-133(n,ta)I-127	TALYS-6a	0 [8]	31
Ba-133(n,4np)Cs-129	TALYS-6a	0 [8]	15
Ba-133(n,3nd)Cs-129	TALYS-6a	0 [8]	16
Ba-133(n,n'da)I-127	TALYS-6a	0 [8]	25
Ba-133(n,2npa)I-127	TALYS-6a	0 [8]	23
Ba-133(n,7n)Ba-127g	TALYS-6a	0	5
Ba-133(n,7n)Ba-127m	TALYS-6a	0	5
Ba-133(n,5np)Cs-128	TALYS-6a	0 [8]	10
Ba-133(n,6np)Cs-127	TALYS-6a	0	7
Ba-133(n,4na)Xe-126	TALYS-6a	0 [8]	17
Ba-133(n,5na)Xe-125g	TALYS-6a	0	12
Ba-133(n,5na)Xe-125m	TALYS-6a	0	12
Ba-133(n,6na)Xe-124	TALYS-6a	0 [8]	8
Ba-133(n,4nd)Cs-128	TALYS-6a	0 [8]	11
Ba-133(n,5nd)Cs-127	TALYS-6a	0 [8]	7
Ba-133(n,3nt)Cs-128	TALYS-6a	0 [8]	14
Ba-133(n,4nt)Cs-127	TALYS-6a	0 [8]	10
Ba-133(n,5nt)Cs-126	TALYS-6a	0 [8]	5
Ba-133(n,2nh)Xe-129g	TALYS-6a	0	21
Ba-133(n,2nh)Xe-129m	TALYS-6a	0	20
Ba-133(n,3nh)Xe-128	TALYS-6a	0 [8]	15
Ba-133(n,4nh)Xe-127g	TALYS-6a	0	10
Ba-133(n,4nh)Xe-127m	TALYS-6a	0	10
Ba-133(n,3n2p)Xe-129g	TALYS-6a	0	15
Ba-133(n,3n2p)Xe-129m	TALYS-6a	0	15
Ba-133(n,3n2a)Te-123g	TALYS-6a	0	16
Ba-133(n,3n2a)Te-123m	TALYS-6a	0	16
Ba-133(n,3npa)I-126	TALYS-6a	0 [8]	15
Ba-133(n,n'pd)Xe-130	TALYS-6a	0 [8]	25
Ba-133(n,n'pt)Xe-129g	TALYS-6a	0	21
Ba-133(n,n'pt)Xe-129m	TALYS-6a	0	21
Ba-133(n,n'dt)Xe-128	TALYS-6a	0 [8]	15
Ba-133(n,n'ph)I-129	TALYS-6a	0 [8]	16
Ba-133(n,n'ta)I-126	TALYS-6a	0 [8]	21
Ba-133(n,2n2p)Xe-130	TALYS-6a	0 [8]	23
Ba-133(n,4n2p)Xe-128	TALYS-6a	0 [8]	11
Ba-133(n,4n2a)Te-122	TALYS-6a	0 [8]	12
Ba-133(n,4npa)I-125	TALYS-6a	0 [8]	11
Ba-133m(n,n')Ba-133g	TALYS-6a	0 [8]	97
Ba-133m(n,2nd)Cs-130g	TALYS-6a	0	23
Ba-133m(n,2nd)Cs-130m	TALYS-6a	0	23
Ba-133m(n,2n)Ba-132	TALYS-6a	0	51
Ba-133m(n,3n)Ba-131g	TALYS-6a	0	30
Ba-133m(n,3n)Ba-131m	TALYS-6a	0	29
Ba-133m(n,n'a)Xe-129g	TALYS-6a	0	64
Ba-133m(n,n'a)Xe-129m	TALYS-6a	0	62
Ba-133m(n,2na)Xe-128	TALYS-6a	0 [8]	39
Ba-133m(n,3na)Xe-127g	TALYS-6a	0	25
Ba-133m(n,3na)Xe-127m	TALYS-6a	0	25
Ba-133m(n,n'p)Cs-132	TALYS-6a	0 [8]	45
Ba-133m(n,n'2a)Te-125g	TALYS-6a	0	33
Ba-133m(n,n'2a)Te-125m	TALYS-6a	0	34
Ba-133m(n,2n2a)Te-124	TALYS-6a	0 [8]	26
Ba-133m(n,n'd)Cs-131	TALYS-6a	0 [8]	34
+Ba-133m(n,n't)Cs-130g	TALYS-6a	0	29
+Ba-133m(n,n't)Cs-130m	TALYS-6a	0	29
Ba-133m(n,n'h)Xe-130	TALYS-6a	0 [8]	30
Ba-133m(n,4n)Ba-130	TALYS-6a	0	22
Ba-133m(n,2np)Cs-131	TALYS-6a	0 [8]	31
Ba-133m(n,3np)Cs-130g	TALYS-6a	0	22
Ba-133m(n,3np)Cs-130m	TALYS-6a	0	22
Ba-133m(n,n'2p)Xe-131g	TALYS-6a	0	30
Ba-133m(n,n'2p)Xe-131m	TALYS-6a	0	30
Ba-133m(n,n'pa)I-128	TALYS-6a	0 [8]	30
Ba-133m(n,g)Ba-134	MASGAM	0 [14,7,13]	83
Ba-133m(n,p)Cs-133	TALYS-6a	0 [2]	100
Ba-133m(n,d)Cs-132	TALYS-6a	0 [8]	53
Ba-133m(n,t)Cs-131	TALYS-6a	0 [8]	46
Ba-133m(n,h)Xe-131g	TALYS-6a	0	41
Ba-133m(n,h)Xe-131m	TALYS-6a	0	41
Ba-133m(n,a)Xe-130	TALYS-6a	0 [2]	100
Ba-133m(n,2a)Te-126	TALYS-6a	0	100
Ba-133m(n,2p)Xe-132	TALYS-6a	0 [8]	49
Ba-133m(n,pa)I-129	TALYS-6a	0 [8]	53
Ba-133m(n,pd)Xe-131g	TALYS-6a	0	31
Ba-133m(n,pd)Xe-131m	TALYS-6a	0	31
Ba-133m(n,pt)Xe-130	TALYS-6a	0 [8]	31
Ba-133m(n,da)I-128	TALYS-6a	0 [8]	32
Ba-133m(n,5n)Ba-129g	TALYS-6a	0	14
Ba-133m(n,5n)Ba-129m	TALYS-6a	0	14
Ba-133m(n,6n)Ba-128	TALYS-6a	0	10
Ba-133m(n,2nt)Cs-129	TALYS-6a	0 [8]	22
Ba-133m(n,ta)I-127	TALYS-6a	0 [8]	31
Ba-133m(n,4np)Cs-129	TALYS-6a	0 [8]	15
Ba-133m(n,3nd)Cs-129	TALYS-6a	0 [8]	16
Ba-133m(n,n'da)I-127	TALYS-6a	0 [8]	25
Ba-133m(n,2npa)I-127	TALYS-6a	0 [8]	24
Ba-133m(n,7n)Ba-127g	TALYS-6a	0	5
Ba-133m(n,7n)Ba-127m	TALYS-6a	0	5
Ba-133m(n,5np)Cs-128	TALYS-6a	0	11
Ba-133m(n,6np)Cs-127	TALYS-6a	0	7
Ba-133m(n,4na)Xe-126	TALYS-6a	0 [8]	18
Ba-133m(n,5na)Xe-125g	TALYS-6a	0	12
Ba-133m(n,5na)Xe-125m	TALYS-6a	0	12
Ba-133m(n,6na)Xe-124	TALYS-6a	0 [8]	8
Ba-133m(n,4nd)Cs-128	TALYS-6a	0 [8]	11
Ba-133m(n,5nd)Cs-127	TALYS-6a	0 [8]	7
Ba-133m(n,3nt)Cs-128	TALYS-6a	0 [8]	14
Ba-133m(n,4nt)Cs-127	TALYS-6a	0 [8]	10
Ba-133m(n,5nt)Cs-126	TALYS-6a	0 [8]	5
Ba-133m(n,2nh)Xe-129g	TALYS-6a	0	21
Ba-133m(n,2nh)Xe-129m	TALYS-6a	0	21
Ba-133m(n,3nh)Xe-128	TALYS-6a	0 [8]	15
Ba-133m(n,4nh)Xe-127g	TALYS-6a	0	10
Ba-133m(n,4nh)Xe-127m	TALYS-6a	0	11
Ba-133m(n,3n2p)Xe-129g	TALYS-6a	0	15
Ba-133m(n,3n2p)Xe-129m	TALYS-6a	0	15
Ba-133m(n,3n2a)Te-123g	TALYS-6a	0	16
Ba-133m(n,3n2a)Te-123m	TALYS-6a	0	16
Ba-133m(n,3npa)I-126	TALYS-6a	0	15
Ba-133m(n,n'pd)Xe-130	TALYS-6a	0 [8]	25
Ba-133m(n,n'pt)Xe-129g	TALYS-6a	0	21
Ba-133m(n,n'pt)Xe-129m	TALYS-6a	0	21
Ba-133m(n,n'dt)Xe-128	TALYS-6a	0 [8]	15
Ba-133m(n,n'ph)I-129	TALYS-6a	0 [8]	17
Ba-133m(n,n'ta)I-126	TALYS-6a	0 [8]	21
Ba-133m(n,2n2p)Xe-130	TALYS-6a	0 [8]	23
Ba-133m(n,4n2p)Xe-128	TALYS-6a	0 [8]	12
Ba-133m(n,4n2a)Te-122	TALYS-6a	0 [8]	12
Ba-133m(n,4npa)I-125	TALYS-6a	0 [8]	12
Ba-134(n,2nd)Cs-131	TALYS-6a	0 [8]	23
Ba-134(n,2n)Ba-133g	ADL-3	3 [13]	45
Ba-134(n,2n)Ba-133m	ADL-3	6 [13]	45
Ba-134(n,3n)Ba-132	TALYS-6a	0	30
Ba-134(n,n'a)Xe-130	TALYS-6a	0 [8]	61
Ba-134(n,2na)Xe-129g	TALYS-6a	0	33
Ba-134(n,2na)Xe-129m	TALYS-6a	0	32
Ba-134(n,3na)Xe-128	TALYS-6a	0 [8]	25
Ba-134(n,n'p)Cs-133	TALYS-6a	0 [8]	44
Ba-134(n,n'2a)Te-126	TALYS-6a	0 [8]	32
Ba-134(n,2n2a)Te-125g	TALYS-6a	0	21
Ba-134(n,2n2a)Te-125m	TALYS-6a	0	22
Ba-134(n,n'd)Cs-132	TALYS-6a	0 [8]	30
Ba-134(n,n't)Cs-131	TALYS-6a	0 [8]	29
Ba-134(n,n'h)Xe-131g	TALYS-6a	0	27
Ba-134(n,n'h)Xe-131m	TALYS-6a	0	27
Ba-134(n,4n)Ba-131g	TALYS-6a	0	20
Ba-134(n,4n)Ba-131m	TALYS-6a	0	20
Ba-134(n,2np)Cs-132	TALYS-6a	0 [8]	28
Ba-134(n,3np)Cs-131	TALYS-6a	0 [8]	21
Ba-134(n,n'2p)Xe-132	TALYS-6a	0 [8]	29
Ba-134(n,n'pa)I-129	TALYS-6a	0 [8]	30
Ba-134(n,g)Ba-135g	JEF-2.2	4 [13,13,4,6,4]	2706
Ba-134(n,g)Ba-135m	JEF-2.2	4 [13,13,4,6,4]	2706
Ba-134(n,p)Cs-134g	JENDL-3.2/A	2 [13,8]	54
Ba-134(n,p)Cs-134m	TALYS-6a	0 [2]	74
Ba-134(n,d)Cs-133	TALYS-6a	0 [8]	49
Ba-134(n,t)Cs-132	TALYS-5	5 [8]	40
Ba-134(n,h)Xe-132	TALYS-6a	0 [8]	40
Ba-134(n,a)Xe-131g	TALYS-6a	0 [9,2,3]	2740
Ba-134(n,a)Xe-131m	TALYS-6a	0 [9,2,3]	2740
Ba-134(n,2a)Te-127g	TALYS-6a	0	100
Ba-134(n,2a)Te-127m	TALYS-6a	0	100
Ba-134(n,2p)Xe-133g	TALYS-6a	0	39
Ba-134(n,2p)Xe-133m	TALYS-6a	0	39
Ba-134(n,pa)I-130g	TALYS-6a	0	41
Ba-134(n,pa)I-130m	TALYS-6a	0	41
Ba-134(n,pd)Xe-132	TALYS-6a	0 [8]	30
Ba-134(n,pt)Xe-131g	TALYS-6a	0	27
Ba-134(n,pt)Xe-131m	TALYS-6a	0	27
Ba-134(n,da)I-129	TALYS-6a	0 [8]	31
Ba-134(n,5n)Ba-130	TALYS-6a	0	14
Ba-134(n,6n)Ba-129g	TALYS-6a	0	9
Ba-134(n,6n)Ba-129m	TALYS-6a	0	9
Ba-134(n,2nt)Cs-130g	TALYS-6a	0	19
Ba-134(n,2nt)Cs-130m	TALYS-6a	0	19
Ba-134(n,ta)I-128	TALYS-6a	0 [8]	27
Ba-134(n,4np)Cs-130g	TALYS-6a	0	14
Ba-134(n,4np)Cs-130m	TALYS-6a	0	14
Ba-134(n,3nd)Cs-130g	TALYS-6a	0	15
Ba-134(n,3nd)Cs-130m	TALYS-6a	0	15
Ba-134(n,n'da)I-128	TALYS-6a	0 [8]	22
Ba-134(n,2npa)I-128	TALYS-6a	0 [8]	20
Ba-134(n,7n)Ba-128	TALYS-6a	0	5
Ba-134(n,5np)Cs-129	TALYS-6a	0 [8]	10
Ba-134(n,6np)Cs-128	TALYS-6a	0 [8]	5
Ba-134(n,4na)Xe-127g	TALYS-6a	0	16
Ba-134(n,4na)Xe-127m	TALYS-6a	0	16
Ba-134(n,5na)Xe-126	TALYS-6a	0 [8]	12
Ba-134(n,6na)Xe-125g	TALYS-6a	0	7
Ba-134(n,6na)Xe-125m	TALYS-6a	0	7
Ba-134(n,4nd)Cs-129	TALYS-6a	0 [8]	11
Ba-134(n,5nd)Cs-128	TALYS-6a	0 [8]	6
Ba-134(n,3nt)Cs-129	TALYS-6a	0 [8]	14
Ba-134(n,4nt)Cs-128	TALYS-6a	0 [8]	9
Ba-134(n,5nt)Cs-127	TALYS-6a	0 [8]	5
Ba-134(n,2nh)Xe-130	TALYS-6a	0 [8]	20
Ba-134(n,3nh)Xe-129g	TALYS-6a	0	14
Ba-134(n,3nh)Xe-129m	TALYS-6a	0	14
Ba-134(n,4nh)Xe-128	TALYS-6a	0 [8]	10
Ba-134(n,3n2p)Xe-130	TALYS-6a	0 [8]	15
Ba-134(n,3n2a)Te-124	TALYS-6a	0 [8]	16
Ba-134(n,3npa)I-127	TALYS-6a	0 [8]	15
Ba-134(n,n'pd)Xe-131g	TALYS-6a	0	21
Ba-134(n,n'pd)Xe-131m	TALYS-6a	0	21
Ba-134(n,n'pt)Xe-130	TALYS-6a	0 [8]	20
Ba-134(n,n'dt)Xe-129g	TALYS-6a	0	14
Ba-134(n,n'dt)Xe-129m	TALYS-6a	0	14

Ba-134(n,n'ph)I-130g	TALYS-6a	0		15	Ba-135m(n,n'p)Cs-134g	TALYS-6a	0	44
Ba-134(n,n'ph)I-130m	TALYS-6a	0		15	Ba-135m(n,n'p)Cs-134m	TALYS-6a	0	44
Ba-134(n,n'ta)I-127	TALYS-6a	0 [8]		21	Ba-135m(n,n'2a)Te-127g	TALYS-6a	0	31
Ba-134(n,2n2p)Xe-131g	TALYS-6a	0		19	Ba-135m(n,n'2a)Te-127m	TALYS-6a	0	31
Ba-134(n,2n2p)Xe-131m	TALYS-6a	0		19	Ba-135m(n,2n2a)Te-126	TALYS-6a	0 [8]	24
Ba-134(n,4n2p)Xe-129g	TALYS-6a	0		10	Ba-135m(n,n'd)Cs-133	TALYS-6a	0 [8]	33
Ba-134(n,4n2p)Xe-129m	TALYS-6a	0		10	Ba-135m(n,n't)Cs-132	TALYS-6a	0 [8]	29
Ba-134(n,4n2a)Te-123g	TALYS-6a	0		10	Ba-135m(n,n'h)Xe-132	TALYS-6a	0 [8]	29
Ba-134(n,4n2a)Te-123m	TALYS-6a	0		11	Ba-135m(n,4n)Ba-132	TALYS-6a	0	23
Ba-134(n,4npa)I-126	TALYS-6a	0 [8]		10	Ba-135m(n,2np)Cs-133	TALYS-6a	0 [8]	31
Ba-135(n,n')Ba-135m	ADL-3	2 [13]		45	Ba-135m(n,3np)Cs-132	TALYS-6a	0	22
Ba-135(n,2nd)Cs-132	TALYS-6a	0 [8]		23	Ba-135m(n,n'2p)Xe-133g	TALYS-6a	0	28
Ba-135(n,2n)Ba-134	TALYS-6a	0		50	Ba-135m(n,n'2p)Xe-133m	TALYS-6a	0	28
Ba-135(n,3n)Ba-133g	TALYS-6a	0		30	Ba-135m(n,n'pa)I-130g	TALYS-6a	0	29
Ba-135(n,3n)Ba-133m	TALYS-6a	0		30	Ba-135m(n,n'pa)I-130m	TALYS-6a	0	29
Ba-135(n,n'a)Xe-131g	TALYS-6a	0		59	Ba-135m(n,g)Ba-136g	JEF-2.2	0 [13,4,6]	3540
Ba-135(n,n'a)Xe-131m	TALYS-6a	0		58	Ba-135m(n,g)Ba-136m	JEF-2.2	0 [7,13,4,6]	3540
Ba-135(n,2na)Xe-130	TALYS-6a	0 [8]		37	Ba-135m(n,p)Cs-135g	TALYS-6a	0 [9,2,3]	3465
Ba-135(n,3na)Xe-129g	TALYS-6a	0		25	Ba-135m(n,p)Cs-135m	TALYS-6a	0 [2]	78
Ba-135(n,3na)Xe-129m	TALYS-6a	0		25	Ba-135m(n,d)Cs-134g	TALYS-6a	0	50
Ba-135(n,n'p)Cs-134g	TALYS-6a	0		43	Ba-135m(n,d)Cs-134m	TALYS-6a	0	49
Ba-135(n,n'p)Cs-134m	TALYS-6a	0		43	Ba-135m(n,t)Cs-133	TALYS-6a	0 [8]	45
Ba-135(n,n'2a)Te-127g	TALYS-6a	0		30	Ba-135m(n,h)Xe-133g	TALYS-6a	0	39
Ba-135(n,n'2a)Te-127m	TALYS-6a	0		31	Ba-135m(n,h)Xe-133m	TALYS-6a	0	38
Ba-135(n,2n2a)Te-126	TALYS-6a	0 [8]		24	Ba-135m(n,a)Xe-132	TALYS-6a	0 [9,2,3]	3440
Ba-135(n,n'd)Cs-133	TALYS-6a	0 [8]		32	Ba-135m(n,2a)Te-128	TALYS-6a	0	100
Ba-135(n,n't)Cs-132	TALYS-6a	0 [8]		29	Ba-135m(n,2p)Xe-134g	TALYS-6a	0	43
Ba-135(n,n'h)Xe-132	TALYS-6a	0 [8]		28	Ba-135m(n,2p)Xe-134m	TALYS-6a	0	39
Ba-135(n,4n)Ba-132	TALYS-6a	0		23	Ba-135m(n,pa)I-131	TALYS-6a	0 [8]	45
Ba-135(n,2np)Cs-133	TALYS-6a	0		31	Ba-135m(n,pd)Xe-133g	TALYS-6a	0	30
Ba-135(n,3np)Cs-132	TALYS-6a	0 [8]		21	Ba-135m(n,pd)Xe-133m	TALYS-6a	0	30
Ba-135(n,n'2p)Xe-133g	TALYS-6a	0		28	Ba-135m(n,pt)Xe-132	TALYS-6a	0 [8]	30
Ba-135(n,n'2p)Xe-133m	TALYS-6a	0		28	Ba-135m(n,da)I-130g	TALYS-6a	0	30
Ba-135(n,n'pa)I-130g	TALYS-6a	0		29	Ba-135m(n,da)I-130m	TALYS-6a	0	30
Ba-135(n,n'pa)I-130m	TALYS-6a	0		29	Ba-135m(n,5n)Ba-131g	TALYS-6a	0	15
>Ba-135(n,g)Ba-136g	JEF-2.2	4 [13,3]		3440	Ba-135m(n,5n)Ba-131m	TALYS-6a	0	15
>Ba-135(n,g)Ba-136m	JEF-2.2	2 [7,13,3,15]		3440	Ba-135m(n,6n)Ba-130	TALYS-6a	0	11
Ba-135(n,p)Cs-135g	TALYS-6a	0 [2]		100	Ba-135m(n,2nt)Cs-131	TALYS-6a	0 [8]	22
Ba-135(n,p)Cs-135m	TALYS-5a	4 [3]		76	Ba-135m(n,ta)I-129	TALYS-6a	0 [8]	30
Ba-135(n,d)Cs-134g	TALYS-6a	0		49	Ba-135m(n,4np)Cs-131	TALYS-6a	0	16
Ba-135(n,d)Cs-134m	TALYS-6a	0		48	Ba-135m(n,3nd)Cs-131	TALYS-6a	0 [8]	16
Ba-135(n,t)Cs-133	TALYS-6a	0 [8]		45	Ba-135m(n,n'da)I-129	TALYS-6a	0 [8]	24
Ba-135(n,h)Xe-133g	TALYS-6a	0		39	Ba-135m(n,2npa)I-129	TALYS-6a	0 [8]	23
Ba-135(n,h)Xe-133m	TALYS-6a	0		39	Ba-135m(n,7n)Ba-129g	TALYS-6a	0	6
Ba-135(n,a)Xe-132	TALYS-6a	0 [9,2,3]		3440	Ba-135m(n,7n)Ba-129m	TALYS-6a	0	6
Ba-135(n,2a)Te-128	TALYS-6a	0		100	Ba-135m(n,5np)Cs-130g	TALYS-6a	0	11
Ba-135(n,2p)Xe-134g	TALYS-6a	0		43	Ba-135m(n,5np)Cs-130m	TALYS-6a	0	11
Ba-135(n,2p)Xe-134m	TALYS-6a	0		38	Ba-135m(n,6np)Cs-129	TALYS-6a	0	7
Ba-135(n,pa)I-131	TALYS-6a	0 [8]		45	Ba-135m(n,4na)Xe-128	TALYS-6a	0 [8]	18
Ba-135(n,pd)Xe-133g	TALYS-6a	0		29	Ba-135m(n,5na)Xe-127g	TALYS-6a	0	12
Ba-135(n,pd)Xe-133m	TALYS-6a	0		29	Ba-135m(n,5na)Xe-127m	TALYS-6a	0	12
Ba-135(n,pt)Xe-132	TALYS-6a	0 [8]		29	Ba-135m(n,6na)Xe-126	TALYS-6a	0 [8]	8
Ba-135(n,da)I-130g	TALYS-6a	0		30	Ba-135m(n,4nd)Cs-130g	TALYS-6a	0	12
Ba-135(n,da)I-130m	TALYS-6a	0		30	Ba-135m(n,4nd)Cs-130m	TALYS-6a	0	12
Ba-135(n,5n)Ba-131g	TALYS-6a	0		15	Ba-135m(n,5nd)Cs-129	TALYS-6a	0 [8]	8
Ba-135(n,5n)Ba-131m	TALYS-6a	0		15	Ba-135m(n,3nt)Cs-130g	TALYS-6a	0	14
Ba-135(n,6n)Ba-130	TALYS-6a	0		11	Ba-135m(n,3nt)Cs-130m	TALYS-6a	0	14
Ba-135(n,2nt)Cs-131	TALYS-6a	0 [8]		22	Ba-135m(n,4nt)Cs-129	TALYS-6a	0 [8]	11
Ba-135(n,ta)I-129	TALYS-6a	0 [8]		30	Ba-135m(n,5nt)Cs-128	TALYS-6a	0 [8]	6
Ba-135(n,4np)Cs-131	TALYS-6a	0 [8]		15	Ba-135m(n,2nh)Xe-131g	TALYS-6a	0	20
Ba-135(n,3nd)Cs-131	TALYS-6a	0 [8]		16	Ba-135m(n,2nh)Xe-131m	TALYS-6a	0	20
Ba-135(n,n'da)I-129	TALYS-6a	0 [8]		24	Ba-135m(n,3nh)Xe-130	TALYS-6a	0 [8]	15
Ba-135(n,2npa)I-129	TALYS-6a	0 [8]		22	Ba-135m(n,4nh)Xe-129g	TALYS-6a	0	11
Ba-135(n,7n)Ba-129g	TALYS-6a	0		6	Ba-135m(n,4nh)Xe-129m	TALYS-6a	0	10
Ba-135(n,7n)Ba-129m	TALYS-6a	0		6	Ba-135m(n,3n2p)Xe-131g	TALYS-6a	0	15
Ba-135(n,5np)Cs-130g	TALYS-6a	0		11	Ba-135m(n,3n2p)Xe-131m	TALYS-6a	0	15
Ba-135(n,5np)Cs-130m	TALYS-6a	0		11	Ba-135m(n,3n2a)Te-125g	TALYS-6a	0	15
Ba-135(n,6np)Cs-129	TALYS-6a	0		7	Ba-135m(n,3n2a)Te-125m	TALYS-6a	0	16
Ba-135(n,4na)Xe-128	TALYS-6a	0 [8]		18	Ba-135m(n,3npa)I-128	TALYS-6a	0 [8]	15
Ba-135(n,5na)Xe-127g	TALYS-6a	0		12	Ba-135m(n,n'pd)Xe-132	TALYS-6a	0 [8]	23
Ba-135(n,5na)Xe-127m	TALYS-6a	0		12	Ba-135m(n,n'pt)Xe-131g	TALYS-6a	0	20
Ba-135(n,6na)Xe-126	TALYS-6a	0 [8]		8	Ba-135m(n,n'pt)Xe-131m	TALYS-6a	0	20
Ba-135(n,4nd)Cs-130g	TALYS-6a	0		12	Ba-135m(n,n'dt)Xe-130	TALYS-6a	0 [8]	15
Ba-135(n,4nd)Cs-130m	TALYS-6a	0		12	Ba-135m(n,n'ph)I-131	TALYS-6a	0 [8]	16
Ba-135(n,5nd)Cs-129	TALYS-6a	0		8	Ba-135m(n,n'ta)I-128	TALYS-6a	0 [8]	20
Ba-135(n,3nt)Cs-130g	TALYS-6a	0		14	Ba-135m(n,2n2p)Xe-132	TALYS-6a	0 [8]	22
Ba-135(n,3nt)Cs-130m	TALYS-6a	0		14	Ba-135m(n,4n2p)Xe-130	TALYS-6a	0 [8]	11
Ba-135(n,4nt)Cs-129	TALYS-6a	0 [8]		11	Ba-135m(n,4n2a)Te-124	TALYS-6a	0 [8]	12
Ba-135(n,5nt)Cs-128	TALYS-6a	0 [8]		6	Ba-135m(n,4npa)I-127	TALYS-6a	0 [8]	11
Ba-135(n,2nh)Xe-131g	TALYS-6a	0		20	Ba-136(n,n')Ba-136m	TALYS-6	1	75
Ba-135(n,2nh)Xe-131m	TALYS-6a	0		20	Ba-136(n,2nd)Cs-133	TALYS-6a	0 [8]	23
Ba-135(n,3nh)Xe-130	TALYS-6a	0 [8]		15	Ba-136(n,2n)Ba-135g	ADL-3	1 [13]	45
Ba-135(n,4nh)Xe-129g	TALYS-6a	0		10	Ba-136(n,2n)Ba-135m	ADL-3	6 [13]	45
Ba-135(n,4nh)Xe-129m	TALYS-6a	0		10	Ba-136(n,3n)Ba-134	TALYS-6a	0	30
Ba-135(n,3n2p)Xe-131g	TALYS-6a	0		14	Ba-136(n,n'a)Xe-132	TALYS-6a	0 [8]	58
Ba-135(n,3n2p)Xe-131m	TALYS-6a	0		14	Ba-136(n,2na)Xe-131g	TALYS-6a	0	32
Ba-135(n,3n2a)Te-125g	TALYS-6a	0		15	Ba-136(n,2na)Xe-131m	TALYS-6a	0	32
Ba-135(n,3n2a)Te-125m	TALYS-6a	0		15	Ba-136(n,3na)Xe-130	TALYS-6a	0 [8]	25
Ba-135(n,3npa)I-128	TALYS-6a	0 [8]		15	Ba-136(n,n'p)Cs-135g	TALYS-6a	0 [4,8]	43
Ba-135(n,n'pd)Xe-132	TALYS-6a	0 [8]		23	Ba-136(n,n'p)Cs-135m	TALYS-6a	0 [4,7,8,8]	39
Ba-135(n,n'pt)Xe-131g	TALYS-6a	0		20	Ba-136(n,n'2a)Te-128	TALYS-6a	0 [8]	30
Ba-135(n,n'pt)Xe-131m	TALYS-6a	0		20	Ba-136(n,2n2a)Te-127g	TALYS-6a	0	20
Ba-135(n,n'dt)Xe-130	TALYS-6a	0 [8]		15	Ba-136(n,2n2a)Te-127m	TALYS-6a	0	21
Ba-135(n,n'ph)I-131	TALYS-6a	0 [8]		16	Ba-136(n,n'd)Cs-134g	TALYS-6a	0	30
Ba-135(n,n'ta)I-128	TALYS-6a	0 [8]		20	Ba-136(n,n'd)Cs-134m	TALYS-6a	0	30
Ba-135(n,2n2p)Xe-132	TALYS-6a	0 [8]		22	Ba-136(n,n't)Cs-133	TALYS-6a	0 [8]	29
Ba-135(n,4n2p)Xe-130	TALYS-6a	0 [8]		11	Ba-136(n,n'h)Xe-133g	TALYS-6a	0	26
Ba-135(n,4n2a)Te-124	TALYS-6a	0 [8]		12	Ba-136(n,n'h)Xe-133m	TALYS-6a	0	26
Ba-135(n,4npa)I-127	TALYS-6a	0 [8]		11	Ba-136(n,4n)Ba-133g	TALYS-6a	0	21
Ba-135m(n,n')Ba-135g	TALYS-6a	0 [8]		97	Ba-136(n,4n)Ba-133m	TALYS-6a	0	20
Ba-135m(n,2nd)Cs-132	TALYS-6a	0 [8]		23	Ba-136(n,2np)Cs-134g	TALYS-6a	0	28
Ba-135m(n,2n)Ba-134	TALYS-6a	0		52	Ba-136(n,2np)Cs-134m	TALYS-6a	0	28
Ba-135m(n,3n)Ba-133g	TALYS-6a	0		30	Ba-136(n,3np)Cs-133	TALYS-6a	0 [8]	21
Ba-135m(n,3n)Ba-133m	TALYS-6a	0		30	Ba-136(n,n'2p)Xe-134g	TALYS-6a	0 [4,8]	28
Ba-135m(n,n'a)Xe-131g	TALYS-6a	0		60	Ba-136(n,n'2p)Xe-134m	TALYS-6a	0 [4,7,8,8]	27
Ba-135m(n,n'a)Xe-131m	TALYS-6a	0		59	Ba-136(n,n'pa)I-131	TALYS-6a	0 [8]	28
Ba-135m(n,2na)Xe-130	TALYS-6a	0 [8]		38	>Ba-136(n,g)Ba-137g	JEF-2.2	4 [13,3]	1357
Ba-135m(n,3na)Xe-129g	TALYS-6a	0		25	>Ba-136(n,g)Ba-137m	JEF-2.2	2 [7,13,3]	1357
Ba-135m(n,3na)Xe-129m	TALYS-6a	0		25	Ba-136(n,p)Cs-136g	ADL-3	1 [13]	45

Ba-136(n,p)Cs-136m	TALYS-6a	0	[4,7,8,2,8]	72	Ba-137(n,pd)Xe-135g	TALYS-6a	0	28
Ba-136(n,d)Cs-135g	TALYS-6a	0	[4,8]	47	Ba-137(n,pd)Xe-135m	TALYS-6a	0	28
Ba-136(n,d)Cs-135m	TALYS-6a	0	[4,7,8,8]	43	Ba-137(n,5n)Ba-133g	TALYS-6a	0	15
Ba-136(n,t)Cs-134g	TALYS-6a	0		40	Ba-137(n,5n)Ba-133m	TALYS-6a	0	15
Ba-136(n,t)Cs-134m	TALYS-6a	0		40	Ba-137(n,6n)Ba-132	TALYS-6a	0	12
Ba-136(n,h)Xe-134g	TALYS-6a	0	[4,8]	38	Ba-137(n,2nt)Cs-133	TALYS-6a	0 [8]	22
Ba-136(n,h)Xe-134m	TALYS-6a	0	[4,7,8,8]	37	Ba-137(n,4np)Cs-133	TALYS-6a	0	16
Ba-136(n,a)Xe-133g	TALYS-6a	0	[9,2,3]	1357	Ba-137(n,3nd)Cs-133	TALYS-6a	0 [8]	16
Ba-136(n,a)Xe-133m	TALYS-5	1	[9,3,3]	1357	Ba-137(n,n'da)I-131	TALYS-6a	0 [8]	23
Ba-136(n,2p)Xe-135g	TALYS-6a	0		37	Ba-137(n,2npa)I-131	TALYS-6a	0 [8]	21
Ba-136(n,2p)Xe-135m	TALYS-6a	0		36	Ba-137(n,7n)Ba-131g	TALYS-6a	0	7
Ba-136(n,pa)I-132g	TALYS-6a	0		38	Ba-137(n,7n)Ba-131m	TALYS-6a	0	6
Ba-136(n,pa)I-132m	TALYS-6a	0		38	Ba-137(n,5np)Cs-132	TALYS-6a	0	11
Ba-136(n,pd)Xe-134g	TALYS-6a	0	[4,8]	29	Ba-137(n,6np)Cs-131	TALYS-6a	0	8
Ba-136(n,pd)Xe-134m	TALYS-6a	0	[4,7,8,8]	28	Ba-137(n,4na)Xe-130	TALYS-6a	0 [8]	18
Ba-136(n,da)I-131	TALYS-6a	0	[8]	30	Ba-137(n,5na)Xe-129g	TALYS-6a	0	12
Ba-136(n,5n)Ba-132	TALYS-6a	0		15	Ba-137(n,5na)Xe-129m	TALYS-6a	0	12
Ba-136(n,6n)Ba-131g	TALYS-6a	0		10	Ba-137(n,6na)Xe-128	TALYS-6a	0 [8]	9
Ba-136(n,6n)Ba-131m	TALYS-6a	0		10	Ba-137(n,4nd)Cs-132	TALYS-6a	0	12
Ba-136(n,2nt)Cs-132	TALYS-6a	0	[8]	20	Ba-137(n,5nd)Cs-131	TALYS-6a	0 [8]	8
Ba-136(n,ta)I-130g	TALYS-6a	0		27	Ba-137(n,3nt)Cs-132	TALYS-6a	0 [8]	15
Ba-136(n,ta)I-130m	TALYS-6a	0		26	Ba-137(n,4nt)Cs-131	TALYS-6a	0 [8]	11
Ba-136(n,4np)Cs-132	TALYS-6a	0		15	Ba-137(n,5nt)Cs-130g	TALYS-6a	0	6
Ba-136(n,3nd)Cs-132	TALYS-6a	0	[8]	15	Ba-137(n,5nt)Cs-130m	TALYS-6a	0	6
Ba-136(n,n'da)I-130g	TALYS-6a	0		21	Ba-137(n,2nh)Xe-133g	TALYS-6a	0	19
Ba-136(n,n'da)I-130m	TALYS-6a	0		21	Ba-137(n,2nh)Xe-133m	TALYS-6a	0	19
Ba-136(n,2npa)I-130g	TALYS-6a	0		19	Ba-137(n,3nh)Xe-132	TALYS-6a	0 [8]	15
Ba-136(n,2npa)I-130m	TALYS-6a	0		19	Ba-137(n,4nh)Xe-131g	TALYS-6a	0	10
Ba-136(n,7n)Ba-130	TALYS-6a	0		6	Ba-137(n,4nh)Xe-131m	TALYS-6a	0	10
Ba-136(n,5np)Cs-131	TALYS-6a	0		11	Ba-137(n,3n2p)Xe-133g	TALYS-6a	0	14
Ba-136(n,6np)Cs-130g	TALYS-6a	0		6	Ba-137(n,3n2p)Xe-133m	TALYS-6a	0	14
Ba-136(n,6np)Cs-130m	TALYS-6a	0		6	Ba-137(n,3n2a)Te-127g	TALYS-6a	0	15
Ba-136(n,4na)Xe-129g	TALYS-6a	0		16	Ba-137(n,3n2a)Te-127m	TALYS-6a	0	15
Ba-136(n,4na)Xe-129m	TALYS-6a	0		16	Ba-137(n,3npa)I-130g	TALYS-6a	0	14
Ba-136(n,5na)Xe-128	TALYS-6a	0	[8]	12	Ba-137(n,3npa)I-130m	TALYS-6a	0	14
Ba-136(n,6na)Xe-127g	TALYS-6a	0		7	Ba-137(n,n'pd)Xe-134g	TALYS-6a	0	22
Ba-136(n,6na)Xe-127m	TALYS-6a	0		7	Ba-137(n,n'pd)Xe-134m	TALYS-6a	0	20
Ba-136(n,4nd)Cs-131	TALYS-6a	0		12	Ba-137(n,n'pt)Xe-133g	TALYS-6a	0	19
Ba-136(n,5nd)Cs-130g	TALYS-6a	0		7	Ba-137(n,n'pt)Xe-133m	TALYS-6a	0	19
Ba-136(n,5nd)Cs-130m	TALYS-6a	0		7	Ba-137(n,n'dt)Xe-132	TALYS-6a	0 [8]	15
Ba-136(n,3nt)Cs-131	TALYS-6a	0	[8]	14	Ba-137(n,n'ta)I-130g	TALYS-6a	0	19
Ba-136(n,4nt)Cs-130g	TALYS-6a	0		10	Ba-137(n,n'ta)I-130m	TALYS-6a	0	19
Ba-136(n,4nt)Cs-130m	TALYS-6a	0		10	Ba-137(n,2n2p)Xe-134g	TALYS-6a	0	21
Ba-136(n,5nt)Cs-129	TALYS-6a	0	[8]	6	Ba-137(n,2n2p)Xe-134m	TALYS-6a	0	18
Ba-136(n,2nh)Xe-132	TALYS-6a	0	[8]	20	Ba-137(n,4n2p)Xe-132	TALYS-6a	0 [8]	11
Ba-136(n,3nh)Xe-131g	TALYS-6a	0		14	Ba-137(n,4n2a)Te-126	TALYS-6a	0 [8]	11
Ba-136(n,3nh)Xe-131m	TALYS-6a	0		14	Ba-137(n,4npa)I-129	TALYS-6a	0 [8]	11
Ba-136(n,4nh)Xe-130	TALYS-6a	0	[8]	10	Ba-138(n,2nd)Cs-135g	TALYS-6a	0	23
Ba-136(n,3n2p)Xe-132	TALYS-6a	0	[8]	14	Ba-138(n,2nd)Cs-135m	TALYS-6a	0	22
Ba-136(n,3n2a)Te-126	TALYS-6a	0	[8]	15	Ba-138(n,2n)Ba-137g	TALYS-5	2	44
Ba-136(n,3npa)I-129	TALYS-6a	0	[8]	15	Ba-138(n,2n)Ba-137m	TALYS-5	6 [3]	43
Ba-136(n,n'pd)Xe-133g	TALYS-6a	0		20	Ba-138(n,3n)Ba-136g	TALYS-6a	0	31
Ba-136(n,n'pd)Xe-133m	TALYS-6a	0		20	Ba-138(n,3n)Ba-136m	TALYS-6a	0	29
Ba-136(n,n'pt)Xe-132	TALYS-6a	0	[8]	20	Ba-138(n,n'a)Xe-134g	TALYS-6a	0	55
Ba-136(n,n'dt)Xe-131g	TALYS-6a	0		14	Ba-138(n,n'a)Xe-134m	TALYS-6a	0	45
Ba-136(n,n'dt)Xe-131m	TALYS-6a	0		14	Ba-138(n,2na)Xe-133g	TALYS-6a	0	32
Ba-136(n,n'ta)I-129	TALYS-6a	0	[8]	20	Ba-138(n,2na)Xe-133m	TALYS-6a	0	32
Ba-136(n,2n2p)Xe-133g	TALYS-6a	0		19	Ba-138(n,3na)Xe-132	TALYS-6a	0 [8]	25
Ba-136(n,2n2p)Xe-133m	TALYS-6a	0		18	Ba-138(n,n'p)Cs-137	TALYS-6a	0 [8]	42
Ba-136(n,4n2p)Xe-131g	TALYS-6a	0		10	Ba-138(n,n'2a)Te-130	TALYS-6a	0 [8]	29
Ba-136(n,4n2p)Xe-131m	TALYS-6a	0		10	Ba-138(n,2n2a)Te-129g	TALYS-6a	0	19
Ba-136(n,4n2a)Te-125g	TALYS-6a	0		10	Ba-138(n,2n2a)Te-129m	TALYS-6a	0	20
Ba-136(n,4n2a)Te-125m	TALYS-6a	0		10	Ba-138(n,n'd)Cs-136g	TALYS-6a	0 [4,8]	30
Ba-136(n,4npa)I-128	TALYS-6a	0	[8]	10	Ba-138(n,n'd)Cs-136m	TALYS-6a	0 [4,7,8,8]	29
Ba-137(n,n')Ba-137m	TALYS-5	3		84	Ba-138(n,n't)Cs-135g	TALYS-6a	0	29
Ba-137(n,2nd)Cs-134g	TALYS-6a	0		23	Ba-138(n,n't)Cs-135m	TALYS-6a	0	27
Ba-137(n,2nd)Cs-134m	TALYS-6a	0		23	Ba-138(n,n'h)Xe-135g	TALYS-6a	0	25
Ba-137(n,2n)Ba-136g	TALYS-6a	0		51	Ba-138(n,n'h)Xe-135m	TALYS-6a	0	25
>Ba-137(n,2n)Ba-136m	TALYS-6a	4	[3]	43	Ba-138(n,4n)Ba-135g	TALYS-6a	0	22
Ba-137(n,3n)Ba-135g	TALYS-6a	0		30	Ba-138(n,4n)Ba-135m	TALYS-6a	0	21
Ba-137(n,3n)Ba-135m	TALYS-6a	0		30	Ba-138(n,2np)Cs-136g	TALYS-6a	0 [4,8]	28
Ba-137(n,n'a)Xe-133g	TALYS-6a	0		56	Ba-138(n,2np)Cs-136m	TALYS-6a	0 [4,7,8,8]	26
Ba-137(n,n'a)Xe-133m	TALYS-6a	0		54	Ba-138(n,3np)Cs-135g	TALYS-6a	0	22
Ba-137(n,2na)Xe-132	TALYS-6a	0	[8]	36	Ba-138(n,3np)Cs-135m	TALYS-6a	0	20
Ba-137(n,3na)Xe-131g	TALYS-6a	0		25	Ba-138(n,n'2p)Xe-136	TALYS-6a	0 [8]	26
Ba-137(n,3na)Xe-131m	TALYS-6a	0		25	Ba-138(n,n'pa)I-133g	TALYS-6a	0 [4,8]	27
Ba-137(n,n'p)Cs-136g	TALYS-6a	0	[4,8]	42	Ba-138(n,n'pa)I-133m	TALYS-6a	0 [4,7,8,8]	26
Ba-137(n,n'p)Cs-136m	TALYS-6a	0	[4,7,8,8]	41	>Ba-138(n,g)Ba-139	JEF-2.2	6 [13,13,9]	7843
Ba-137(n,n'2a)Te-129g	TALYS-6a	0		29	Ba-138(n,p)Cs-138g	ADL-3	2 [13]	43
Ba-137(n,n'2a)Te-129m	TALYS-6a	0		29	Ba-138(n,p)Cs-138m	ADL-3	2 [13]	43
Ba-137(n,2n2a)Te-128	TALYS-6a	0	[8]	23	Ba-138(n,d)Cs-137	TALYS-6a	0 [8]	45
Ba-137(n,n'd)Cs-135g	TALYS-6a	0	[4,8]	32	Ba-138(n,t)Cs-136g	TALYS-6a	0 [4,8]	40
Ba-137(n,n'd)Cs-135m	TALYS-6a	0	[4,7,8,8]	29	Ba-138(n,t)Cs-136m	TALYS-6a	0 [4,7,8,8]	39
Ba-137(n,n't)Cs-134g	TALYS-6a	0		29	Ba-138(n,h)Xe-136	TALYS-6a	0 [8]	36
Ba-137(n,n't)Cs-134m	TALYS-6a	0		29	Ba-138(n,a)Xe-135g	TALYS-5a	2 [3]	100
Ba-137(n,n'h)Xe-134g	TALYS-6a	0		27	Ba-138(n,a)Xe-135m	TALYS-5a	4 [3]	100
Ba-137(n,n'h)Xe-134m	TALYS-6a	0		26	Ba-138(n,2p)Xe-137	TALYS-6a	0 [8]	30
Ba-137(n,4n)Ba-134	TALYS-6a	0		23	Ba-138(n,pd)Xe-136	TALYS-6a	0 [8]	28
Ba-137(n,2np)Cs-135g	TALYS-6a	0	[4,8]	30	Ba-138(n,5n)Ba-134	TALYS-6a	0	16
Ba-137(n,2np)Cs-135m	TALYS-6a	0	[4,7,8,8]	27	Ba-138(n,6n)Ba-133g	TALYS-6a	0	11
Ba-137(n,3np)Cs-134g	TALYS-6a	0		21	Ba-138(n,6n)Ba-133m	TALYS-6a	0	11
Ba-137(n,3np)Cs-134m	TALYS-6a	0		21	Ba-138(n,2nt)Cs-134g	TALYS-6a	0	20
Ba-137(n,n'2p)Xe-135g	TALYS-6a	0		27	Ba-138(n,2nt)Cs-134m	TALYS-6a	0	20
Ba-137(n,n'2p)Xe-135m	TALYS-6a	0		26	Ba-138(n,4np)Cs-134g	TALYS-6a	0	15
Ba-137(n,n'pa)I-132g	TALYS-6a	0		27	Ba-138(n,4np)Cs-134m	TALYS-6a	0	15
Ba-137(n,n'pa)I-132m	TALYS-6a	0		27	Ba-138(n,3nd)Cs-134g	TALYS-6a	0	15
>Ba-137(n,g)Ba-138	JEF-2.2	4	[13,13]	2329	Ba-138(n,3nd)Cs-134m	TALYS-6a	0	15
Ba-137(n,p)Cs-137	ADL-3	2	[13,3]	45	Ba-138(n,n'da)I-132g	TALYS-6a	0	20
Ba-137(n,d)Cs-136g	TALYS-6a	0	[4,8]	46	Ba-138(n,n'da)I-132m	TALYS-6a	0	20
Ba-137(n,d)Cs-136m	TALYS-6a	0	[4,7,8,8]	45	Ba-138(n,2npa)I-132g	TALYS-6a	0	18
Ba-137(n,t)Cs-135g	TALYS-6a	0	[4,8]	44	Ba-138(n,2npa)I-132m	TALYS-6a	0	18
Ba-137(n,t)Cs-135m	TALYS-6a	0	[4,7,8,8]	42	Ba-138(n,7n)Ba-132	TALYS-6a	0	7
Ba-137(n,h)Xe-135g	TALYS-6a	0		37	Ba-138(n,5np)Cs-133	TALYS-6a	0	11
Ba-137(n,h)Xe-135m	TALYS-6a	0		36	Ba-138(n,6np)Cs-132	TALYS-6a	0	7
Ba-137(n,a)Xe-134g	TALYS-6a	0	[2,3]	100	Ba-138(n,4na)Xe-131g	TALYS-6a	0	16
Ba-137(n,a)Xe-134m	TALYS-6a	0	[2,3]	100	Ba-138(n,4na)Xe-131m	TALYS-6a	0	16
Ba-137(n,2p)Xe-136	TALYS-6a	0	[8]	39	Ba-138(n,5na)Xe-130	TALYS-6a	0 [8]	13
Ba-137(n,pa)I-133g	TALYS-6a	0	[4,8]	42	Ba-138(n,6na)Xe-129g	TALYS-6a	0	8
Ba-137(n,pa)I-133m	TALYS-6a	0	[4,7,8,8]	41	Ba-138(n,6na)Xe-129m	TALYS-6a	0	8

Reaction	Library	Flag	Refs	Value
Ba-138(n,4nd)Cs-133	TALYS-6a	0	[8]	12
Ba-138(n,5nd)Cs-132	TALYS-6a	0		8
Ba-138(n,3nt)Cs-133	TALYS-6a	0	[8]	15
Ba-138(n,4nt)Cs-132	TALYS-6a	0	[8]	10
Ba-138(n,5nt)Cs-131	TALYS-6a	0	[8]	6
Ba-138(n,2nh)Xe-134g	TALYS-6a	0		19
Ba-138(n,2nh)Xe-134m	TALYS-6a	0		17
Ba-138(n,3nh)Xe-133g	TALYS-6a	0		14
Ba-138(n,3nh)Xe-133m	TALYS-6a	0		13
Ba-138(n,4nh)Xe-132	TALYS-6a	0	[8]	10
Ba-138(n,3n2p)Xe-134g	TALYS-6a	0		14
Ba-138(n,3n2p)Xe-134m	TALYS-6a	0		13
Ba-138(n,3n2a)Te-128	TALYS-6a	0	[8]	15
Ba-138(n,3npa)I-131	TALYS-6a	0	[8]	14
Ba-138(n,n'pd)Xe-135g	TALYS-6a	0		19
Ba-138(n,n'pd)Xe-135m	TALYS-6a	0		19
Ba-138(n,n'pt)Xe-134g	TALYS-6a	0		19
Ba-138(n,n'pt)Xe-134m	TALYS-6a	0		17
Ba-138(n,n'dt)Xe-133g	TALYS-6a	0		14
Ba-138(n,n'dt)Xe-133m	TALYS-6a	0		14
Ba-138(n,n'ta)I-131	TALYS-6a	0	[8]	20
Ba-138(n,2n2p)Xe-135g	TALYS-6a	0		18
Ba-138(n,2n2p)Xe-135m	TALYS-6a	0		17
Ba-138(n,4n2p)Xe-133g	TALYS-6a	0		10
Ba-138(n,4n2p)Xe-133m	TALYS-6a	0		9
Ba-138(n,4n2a)Te-127g	TALYS-6a	0		10
Ba-138(n,4n2a)Te-127m	TALYS-6a	0		10
Ba-138(n,4npa)I-130g	TALYS-6a	0		10
Ba-138(n,4npa)I-130m	TALYS-6a	0		10
Ba-139(n,2nd)Cs-136g	TALYS-6a	0	[4,8]	25
Ba-139(n,2nd)Cs-136m	TALYS-6a	0	[4,7,8,8]	24
Ba-139(n,2n)Ba-138	TALYS-6a	0		62
Ba-139(n,3n)Ba-137g	TALYS-6a	0		35
Ba-139(n,3n)Ba-137m	TALYS-6a	0		33
Ba-139(n,n'a)Xe-135g	TALYS-6a	0		64
Ba-139(n,n'a)Xe-135m	TALYS-6a	0		61
Ba-139(n,2na)Xe-134g	TALYS-6a	0		40
Ba-139(n,2na)Xe-134m	TALYS-6a	0		36
Ba-139(n,3na)Xe-133g	TALYS-6a	0		27
Ba-139(n,3na)Xe-133m	TALYS-6a	0		27
Ba-139(n,n'p)Cs-138g	TALYS-6a	0		41
Ba-139(n,n'p)Cs-138m	TALYS-6a	0		41
Ba-139(n,2n2a)Te-130	TALYS-6a	0	[8]	23
Ba-139(n,n'd)Cs-137	TALYS-6a	0	[8]	35
Ba-139(n,n't)Cs-136g	TALYS-6a	0	[4,8]	31
Ba-139(n,n't)Cs-136m	TALYS-6a	0	[4,7,8,8]	30
Ba-139(n,n'h)Xe-136	TALYS-6a	0	[8]	28
Ba-139(n,4n)Ba-136g	TALYS-6a	0		26
Ba-139(n,4n)Ba-136m	TALYS-6a	0		24
Ba-139(n,2np)Cs-137	TALYS-6a	0	[8]	32
Ba-139(n,3np)Cs-136g	TALYS-6a	0	[4]	24
Ba-139(n,3np)Cs-136m	TALYS-6a	0	[4,7,8]	23
Ba-139(n,n'2p)Xe-137	TALYS-6a	0	[8]	25
Ba-139(n,n'pa)I-134g	TALYS-6a	0		28
Ba-139(n,n'pa)I-134m	TALYS-6a	0		28
Ba-139(n,g)Ba-140	MASGAM	2	[13,12]	112
Ba-139(n,p)Cs-139	TALYS-6a	0	[2,8]	65
Ba-139(n,d)Cs-138g	TALYS-6a	0		45
Ba-139(n,d)Cs-138m	TALYS-6a	0		44
Ba-139(n,t)Cs-137	TALYS-6a	0	[8]	52
Ba-139(n,h)Xe-137	TALYS-6a	0	[8]	34
Ba-139(n,a)Xe-136	TALYS-6a	0	[2]	100
Ba-139(n,2p)Xe-138	TALYS-6a	0	[8]	31
Ba-139(n,pa)I-135	TALYS-6a	0	[8]	44
Ba-139(n,pd)Xe-137	TALYS-6a	0	[8]	27
Ba-139(n,5n)Ba-135g	TALYS-6a	0		17
Ba-139(n,5n)Ba-135m	TALYS-6a	0		17
Ba-139(n,6n)Ba-134	TALYS-6a	0		13
Ba-139(n,2nt)Cs-135g	TALYS-6a	0		24
Ba-139(n,2nt)Cs-135m	TALYS-6a	0		22
Ba-139(n,4np)Cs-135g	TALYS-6a	0		17
Ba-139(n,4np)Cs-135m	TALYS-6a	0		16
Ba-139(n,3nd)Cs-135g	TALYS-6a	0		18
Ba-139(n,3nd)Cs-135m	TALYS-6a	0		17
Ba-139(n,n'da)I-133g	TALYS-6a	0	[4,8]	24
Ba-139(n,n'da)I-133m	TALYS-6a	0	[4,7,8,8]	23
Ba-139(n,2npa)I-133g	TALYS-6a	0	[4,8]	22
Ba-139(n,2npa)I-133m	TALYS-6a	0	[4,7,8,8]	21
Ba-139(n,7n)Ba-133g	TALYS-6a	0		8
Ba-139(n,7n)Ba-133m	TALYS-6a	0		8
Ba-139(n,8n)Ba-132	TALYS-6a	0		5
Ba-139(n,5np)Cs-134g	TALYS-6a	0		12
Ba-139(n,5np)Cs-134m	TALYS-6a	0		12
Ba-139(n,6np)Cs-133	TALYS-6a	0		9
Ba-139(n,4na)Xe-132	TALYS-6a	0	[8]	20
Ba-139(n,5na)Xe-131g	TALYS-6a	0		14
Ba-139(n,5na)Xe-131m	TALYS-6a	0		14
Ba-139(n,6na)Xe-130	TALYS-6a	0	[8]	10
Ba-139(n,4nd)Cs-134g	TALYS-6a	0		13
Ba-139(n,4nd)Cs-134m	TALYS-6a	0		13
Ba-139(n,5nd)Cs-133	TALYS-6a	0		10
Ba-139(n,6nd)Cs-132	TALYS-6a	0	[8]	5
Ba-139(n,3nt)Cs-134g	TALYS-6a	0		16
Ba-139(n,3nt)Cs-134m	TALYS-6a	0		16
Ba-139(n,4nt)Cs-133	TALYS-6a	0	[8]	12
Ba-139(n,5nt)Cs-132	TALYS-6a	0	[8]	8
Ba-139(n,2nh)Xe-135g	TALYS-6a	0		21
Ba-139(n,2nh)Xe-135m	TALYS-6a	0		20
Ba-139(n,3nh)Xe-134g	TALYS-6a	0		15
Ba-139(n,3nh)Xe-134m	TALYS-6a	0		15
Ba-139(n,4nh)Xe-133g	TALYS-6a	0		11
Ba-139(n,4nh)Xe-133m	TALYS-6a	0		11
Ba-139(n,3n2p)Xe-135g	TALYS-6a	0		15
Ba-139(n,3n2p)Xe-135m	TALYS-6a	0		14
Ba-139(n,3n2a)Te-129g	TALYS-6a	0		15
Ba-139(n,3n2a)Te-129m	TALYS-6a	0		15
Ba-139(n,3npa)I-132g	TALYS-6a	0		15
Ba-139(n,3npa)I-132m	TALYS-6a	0		15
Ba-139(n,n'pd)Xe-136	TALYS-6a	0	[8]	23
Ba-139(n,n'pt)Xe-135g	TALYS-6a	0		21
Ba-139(n,n'pt)Xe-135m	TALYS-6a	0		20
Ba-139(n,n'dt)Xe-134g	TALYS-6a	0		16
Ba-139(n,n'dt)Xe-134m	TALYS-6a	0		15
Ba-139(n,n'ta)I-132g	TALYS-6a	0		20
Ba-139(n,n'ta)I-132m	TALYS-6a	0		21
Ba-139(n,2n2p)Xe-136	TALYS-6a	0	[8]	21
Ba-139(n,4n2p)Xe-134g	TALYS-6a	0		11
Ba-139(n,4n2p)Xe-134m	TALYS-6a	0		11
Ba-139(n,4n2a)Te-128	TALYS-6a	0	[8]	12
Ba-139(n,4npa)I-131	TALYS-6a	0	[8]	12
Ba-140(n,2nd)Cs-137	TALYS-6a	0	[8]	27
Ba-140(n,2n)Ba-139	TALYS-6a	0		53
Ba-140(n,3n)Ba-138	TALYS-6a	0		39
Ba-140(n,n'a)Xe-136	TALYS-6a	0		100
Ba-140(n,2na)Xe-135g	TALYS-6a	0		40
Ba-140(n,2na)Xe-135m	TALYS-6a	0		39
Ba-140(n,3na)Xe-134g	TALYS-6a	0		29
Ba-140(n,3na)Xe-134m	TALYS-6a	0		27
Ba-140(n,n'p)Cs-139	TALYS-6a	0	[8]	40
Ba-140(n,2n2a)Te-131g	TALYS-6a	0		22
Ba-140(n,2n2a)Te-131m	TALYS-6a	0		22
Ba-140(n,n'd)Cs-138g	TALYS-6a	0		31
Ba-140(n,n'd)Cs-138m	TALYS-6a	0		31
Ba-140(n,n't)Cs-137	TALYS-6a	0	[8]	34
Ba-140(n,n'h)Xe-137	TALYS-6a	0	[8]	26
Ba-140(n,4n)Ba-137g	TALYS-6a	0		27
Ba-140(n,4n)Ba-137m	TALYS-6a	0		26
Ba-140(n,2np)Cs-138g	TALYS-6a	0		30
Ba-140(n,2np)Cs-138m	TALYS-6a	0		30
Ba-140(n,3np)Cs-137	TALYS-6a	0	[8]	25
Ba-140(n,n'2p)Xe-138	TALYS-6a	0	[8]	24
Ba-140(n,n'pa)I-135	TALYS-6a	0	[8]	31
>Ba-140(n,g)Ba-141	JEF-2.2	2	[14,7,13]	3327
Ba-140(n,p)Cs-140	TALYS-6a	0	[2,8]	54
Ba-140(n,d)Cs-139	TALYS-6a	0	[8]	44
Ba-140(n,t)Cs-138g	TALYS-6a	0		44
Ba-140(n,t)Cs-138m	TALYS-6a	0		43
Ba-140(n,h)Xe-138	TALYS-6a	0	[8]	32
Ba-140(n,a)Xe-137	TALYS-6a	0	[9,2,3]	3326
Ba-140(n,2p)Xe-139	TALYS-6a	0	[8]	28
Ba-140(n,pd)Xe-138	TALYS-6a	0	[8]	26
Ba-140(n,da)I-135	TALYS-6a	0	[8]	33
Ba-140(n,5n)Ba-136g	TALYS-6a	0		20
Ba-140(n,5n)Ba-136m	TALYS-6a	0		18
Ba-140(n,6n)Ba-135g	TALYS-6a	0		13
Ba-140(n,6n)Ba-135m	TALYS-6a	0		13
Ba-140(n,2nt)Cs-136g	TALYS-6a	0	[4,8]	24
Ba-140(n,2nt)Cs-136m	TALYS-6a	0	[4,7,8,8]	23
Ba-140(n,4np)Cs-136g	TALYS-6a	0	[4,8]	17
Ba-140(n,4np)Cs-136m	TALYS-6a	0	[4,7,8,8]	15
Ba-140(n,3nd)Cs-136g	TALYS-6a	0	[4,8]	19
Ba-140(n,3nd)Cs-136m	TALYS-6a	0	[4,7,8,8]	17
Ba-140(n,2npa)I-134g	TALYS-6a	0		21
Ba-140(n,2npa)I-134m	TALYS-6a	0		21
Ba-140(n,7n)Ba-134	TALYS-6a	0		10
Ba-140(n,8n)Ba-133g	TALYS-6a	0		5
Ba-140(n,8n)Ba-133m	TALYS-6a	0		5
Ba-140(n,5np)Cs-135g	TALYS-6a	0		13
Ba-140(n,5np)Cs-135m	TALYS-6a	0		13
Ba-140(n,6np)Cs-134g	TALYS-6a	0		9
Ba-140(n,6np)Cs-134m	TALYS-6a	0		9
Ba-140(n,4na)Xe-133g	TALYS-6a	0		20
Ba-140(n,4na)Xe-133m	TALYS-6a	0		20
Ba-140(n,5na)Xe-132	TALYS-6a	0	[8]	15
Ba-140(n,6na)Xe-131g	TALYS-6a	0		10
Ba-140(n,6na)Xe-131m	TALYS-6a	0		10
Ba-140(n,4nd)Cs-135g	TALYS-6a	0		14
Ba-140(n,4nd)Cs-135m	TALYS-6a	0		13
Ba-140(n,5nd)Cs-134g	TALYS-6a	0		10
Ba-140(n,5nd)Cs-134m	TALYS-6a	0		10
Ba-140(n,6nd)Cs-133	TALYS-6a	0	[8]	6
Ba-140(n,3nt)Cs-135g	TALYS-6a	0		18
Ba-140(n,3nt)Cs-135m	TALYS-6a	0		16
Ba-140(n,4nt)Cs-134g	TALYS-6a	0		12
Ba-140(n,4nt)Cs-134m	TALYS-6a	0		12
Ba-140(n,5nt)Cs-133	TALYS-6a	0	[8]	9
Ba-140(n,2nh)Xe-136	TALYS-6a	0	[8]	22
Ba-140(n,3nh)Xe-135g	TALYS-6a	0		15
Ba-140(n,3nh)Xe-135m	TALYS-6a	0		15
Ba-140(n,4nh)Xe-134g	TALYS-6a	0		12
Ba-140(n,4nh)Xe-134m	TALYS-6a	0		11
Ba-140(n,3n2p)Xe-136	TALYS-6a	0	[8]	15
Ba-140(n,3n2a)Te-130	TALYS-6a	0	[8]	16
Ba-140(n,3npa)I-133g	TALYS-6a	0	[4,8]	16
Ba-140(n,3npa)I-133m	TALYS-6a	0	[4,7,8,8]	15
Ba-140(n,n'pd)Xe-137	TALYS-6a	0	[8]	20
Ba-140(n,n'pt)Xe-136	TALYS-6a	0	[8]	22
Ba-140(n,n'ta)I-133g	TALYS-6a	0	[4,8]	23
Ba-140(n,n'ta)I-133m	TALYS-6a	0	[4,7,8,8]	22
Ba-140(n,2n2p)Xe-137	TALYS-6a	0	[8]	18
Ba-140(n,4n2p)Xe-135g	TALYS-6a	0		11
Ba-140(n,4n2p)Xe-135m	TALYS-6a	0		11
Ba-140(n,4n2a)Te-129g	TALYS-6a	0		11
Ba-140(n,4n2a)Te-129m	TALYS-6a	0		12
Ba-140(n,4npa)I-132g	TALYS-6a	0		11
Ba-140(n,4npa)I-132m	TALYS-6a	0		11
La-135(n,2nd)Ba-132	TALYS-6a	0	[8]	26
La-135(n,2n)La-134	TALYS-6a	0		42
La-135(n,3n)La-133	TALYS-6a	0		29
La-135(n,n'a)Cs-131	TALYS-6a	0	[8]	62
La-135(n,2na)Cs-130g	TALYS-6a	0		34
La-135(n,2na)Cs-130m	TALYS-6a	0		33
La-135(n,3na)Cs-129	TALYS-6a	0	[8]	25
La-135(n,n'p)Ba-134	TALYS-6a	0	[8]	57
La-135(n,n'2a)I-127	TALYS-6a	0	[8]	35
La-135(n,2n2a)I-126	TALYS-6a	0	[8]	23
La-135(n,n'd)Ba-133g	TALYS-6a	0		34
La-135(n,n'd)Ba-133m	TALYS-6a	0		33

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La-135(n,n't)Ba-132      TALYS-6a    0 [8]             31    La-137(n,2a)I-130m       TALYS-6a    0                 100
La-135(n,n'h)Cs-132      TALYS-6a    0 [8]             27    La-137(n,2p)Cs-136g     TALYS-6a    0 [4,8]           37
La-135(n,4n)La-132g      TALYS-6a    0                 19    La-137(n,2p)Cs-136m     TALYS-6a    0 [4,7,8,8]       36
La-135(n,4n)La-132m      TALYS-6a    0                 19    La-137(n,pa)Xe-133g     TALYS-6a    0                 48
La-135(n,2np)Ba-133g     TALYS-6a    0                 31    La-137(n,pa)Xe-133m     TALYS-6a    0                 47
La-135(n,2np)Ba-133m     TALYS-6a    0                 31    La-137(n,pd)Cs-135g     TALYS-6a    0 [4,8]           30
La-135(n,3np)Ba-132      TALYS-6a    0 [8]             24    La-137(n,pd)Cs-135m     TALYS-6a    0 [4,7,8,8]       29
La-135(n,n'2p)Cs-133     TALYS-6a    0 [8]             30    La-137(n,pt)Cs-134g     TALYS-6a    0                 27
La-135(n,n'pa)Xe-130     TALYS-6a    0 [8]             35    La-137(n,pt)Cs-134m     TALYS-6a    0                 27
La-135(n,g)La-136g       MASGAM      0 [14,13,4,6]     83    La-137(n,da)Xe-132      TALYS-6a    0 [8]             35
La-135(n,g)La-136m       MASGAM      0 [14,13,4,6]     83    La-137(n,5n)La-133      TALYS-6a    0                 14
La-135(n,p)Ba-135g       TALYS-6a    0 [2]             100   La-137(n,6n)La-132g     TALYS-6a    0                 9
La-135(n,p)Ba-135m       TALYS-6a    0 [2]             100   La-137(n,6n)La-132m     TALYS-6a    0                 9
La-135(n,d)Ba-134        TALYS-6a    0 [8]             65    La-137(n,2nt)Ba-133g    TALYS-6a    0                 22
La-135(n,t)Ba-133g       TALYS-6a    0                 47    La-137(n,2nt)Ba-133m    TALYS-6a    0                 22
La-135(n,t)Ba-133m       TALYS-6a    0                 46    La-137(n,ta)Xe-131g     TALYS-6a    0                 30
La-135(n,h)Cs-133        TALYS-6a    0 [8]             42    La-137(n,ta)Xe-131m     TALYS-6a    0                 30
La-135(n,a)Cs-132        TALYS-6a    0 [2]             100   La-137(n,4np)Ba-133g    TALYS-6a    0                 16
La-135(n,2a)I-128        TALYS-6a    0                 100   La-137(n,4np)Ba-133m    TALYS-6a    0                 15
La-135(n,2p)Cs-134g      TALYS-6a    0                 42    La-137(n,3nd)Ba-133g    TALYS-6a    0                 16
La-135(n,2p)Cs-134m      TALYS-6a    0                 42    La-137(n,3nd)Ba-133m    TALYS-6a    0                 16
La-135(n,pa)Xe-131g      TALYS-6a    0                 100   La-137(n,n'da)Xe-131g   TALYS-6a    0                 24
La-135(n,pa)Xe-131m      TALYS-6a    0                 54    La-137(n,n'da)Xe-131m   TALYS-6a    0                 24
La-135(n,pd)Cs-133       TALYS-6a    0 [8]             31    La-137(n,2npa)Xe-131g   TALYS-6a    0                 23
La-135(n,pt)Cs-132       TALYS-6a    0 [8]             28    La-137(n,2npa)Xe-131m   TALYS-6a    0                 23
La-135(n,da)Xe-130       TALYS-6a    0 [8]             37    La-137(n,7n)La-131      TALYS-6a    0                 5
La-135(n,5n)La-131       TALYS-6a    0                 14    La-137(n,5np)Ba-132     TALYS-6a    0                 12
La-135(n,6n)La-130       TALYS-6a    0                 9     La-137(n,6np)Ba-131g    TALYS-6a    0                 7
La-135(n,2nt)Ba-131g     TALYS-6a    0                 21    La-137(n,6np)Ba-131m    TALYS-6a    0                 7
La-135(n,2nt)Ba-131m     TALYS-6a    0                 21    La-137(n,4na)Cs-130g    TALYS-6a    0                 16
La-135(n,ta)Xe-129g      TALYS-6a    0                 31    La-137(n,4na)Cs-130m    TALYS-6a    0                 16
La-135(n,ta)Xe-129m      TALYS-6a    0                 31    La-137(n,5na)Cs-129     TALYS-6a    0 [8]             12
La-135(n,4np)Ba-131g     TALYS-6a    0                 15    La-137(n,6na)Cs-128     TALYS-6a    0 [8]             7
La-135(n,4np)Ba-131m     TALYS-6a    0                 15    La-137(n,4nd)Ba-132     TALYS-6a    0                 13
La-135(n,3nd)Ba-131g     TALYS-6a    0                 16    La-137(n,5nd)Ba-131g    TALYS-6a    0                 8
La-135(n,3nd)Ba-131m     TALYS-6a    0                 16    La-137(n,5nd)Ba-131m    TALYS-6a    0                 8
La-135(n,n'da)Xe-129g    TALYS-6a    0                 25    La-137(n,3nt)Ba-132     TALYS-6a    0 [8]             15
La-135(n,n'da)Xe-129m    TALYS-6a    0                 25    La-137(n,4nt)Ba-131g    TALYS-6a    0                 10
La-135(n,2npa)Xe-129g    TALYS-6a    0                 24    La-137(n,4nt)Ba-131m    TALYS-6a    0                 10
La-135(n,2npa)Xe-129m    TALYS-6a    0                 24    La-137(n,5nt)Ba-130     TALYS-6a    0 [8]             7
La-135(n,5np)Ba-130      TALYS-6a    0 [8]             11    La-137(n,2nh)Cs-133     TALYS-6a    0 [8]             20
La-135(n,6np)Ba-129g     TALYS-6a    0                 6     La-137(n,3nh)Cs-132     TALYS-6a    0 [8]             14
La-135(n,6np)Ba-129m     TALYS-6a    0                 6     La-137(n,4nh)Cs-131     TALYS-6a    0 [8]             10
La-135(n,4na)Cs-128      TALYS-6a    0 [8]             16    La-137(n,3n2p)Cs-133    TALYS-6a    0 [8]             15
La-135(n,5na)Cs-127      TALYS-6a    0 [8]             12    La-137(n,3n2a)I-127     TALYS-6a    0 [8]             16
La-135(n,6na)Cs-126      TALYS-6a    0 [8]             6     La-137(n,3npa)Xe-130    TALYS-6a    0 [8]             16
La-135(n,4nd)Ba-130      TALYS-6a    0 [8]             12    La-137(n,n'pd)Cs-134g   TALYS-6a    0                 21
La-135(n,5nd)Ba-129g     TALYS-6a    0                 7     La-137(n,n'pd)Cs-134m   TALYS-6a    0                 21
La-135(n,5nd)Ba-129m     TALYS-6a    0                 7     La-137(n,n'pt)Cs-133    TALYS-6a    0 [8]             20
La-135(n,3nt)Ba-130      TALYS-6a    0 [8]             15    La-137(n,n'dt)Cs-132    TALYS-6a    0 [8]             14
La-135(n,4nt)Ba-129g     TALYS-6a    0                 10    La-137(n,n'ta)Xe-130    TALYS-6a    0 [8]             23
La-135(n,4nt)Ba-129m     TALYS-6a    0                 10    La-137(n,2n2p)Cs-134g   TALYS-6a    0                 20
La-135(n,5nt)Ba-128      TALYS-6a    0 [8]             6     La-137(n,2n2p)Cs-134m   TALYS-6a    0                 20
La-135(n,2nh)Cs-131      TALYS-6a    0 [8]             20    La-137(n,4n2p)Cs-132    TALYS-6a    0 [8]             10
La-135(n,3nh)Cs-130g     TALYS-6a    0                 14    La-137(n,4n2a)I-126     TALYS-6a    0 [8]             11
La-135(n,3nh)Cs-130m     TALYS-6a    0                 14    La-137(n,4npa)Xe-129g   TALYS-6a    0                 11
La-135(n,4nh)Cs-129      TALYS-6a    0 [8]             10    La-137(n,4npa)Xe-129m   TALYS-6a    0                 11
La-135(n,3n2p)Cs-131     TALYS-6a    0 [8]             15    La-138(n,2nd)Ba-135g    TALYS-6a    0                 25
La-135(n,3n2a)I-125      TALYS-6a    0 [8]             16    La-138(n,2nd)Ba-135m    TALYS-6a    0                 25
La-135(n,3npa)Xe-128     TALYS-6a    0 [8]             17    La-138(n,2n)La-137      TALYS-6a    0                 48
La-135(n,n'pd)Cs-132     TALYS-6a    0 [8]             22    La-138(n,3n)La-136g     TALYS-6a    0 [4]             30
La-135(n,n'pt)Cs-131     TALYS-6a    0 [8]             21    La-138(n,3n)La-136m     TALYS-6a    0 [4,7,8]         28
La-135(n,n'dt)Cs-130g    TALYS-6a    0                 14    La-138(n,n'a)Cs-134g    TALYS-6a    0                 57
La-135(n,n'dt)Cs-130m    TALYS-6a    0                 14    La-138(n,n'a)Cs-134m    TALYS-6a    0                 56
La-135(n,n'ph)Xe-131g    TALYS-6a    0                 17    La-138(n,2na)Cs-133     TALYS-6a    0 [8]             36
La-135(n,n'ph)Xe-131m    TALYS-6a    0                 17    La-138(n,3na)Cs-132     TALYS-6a    0 [8]             25
La-135(n,n'ta)Xe-128     TALYS-6a    0 [8]             24    La-138(n,n'p)Ba-137g    TALYS-6a    0                 51
La-135(n,2n2p)Cs-132     TALYS-6a    0 [8]             21    La-138(n,n'p)Ba-137m    TALYS-6a    0                 48
La-135(n,4n2p)Cs-130g    TALYS-6a    0                 10    La-138(n,n'2a)I-130g    TALYS-6a    0                 30
La-135(n,4n2p)Cs-130m    TALYS-6a    0                 10    La-138(n,n'2a)I-130m    TALYS-6a    0                 29
La-135(n,4n2a)I-124      TALYS-6a    0 [8]             11    La-138(n,2n2a)I-129     TALYS-6a    0 [8]             24
La-135(n,4npa)Xe-127g    TALYS-6a    0                 11    La-138(n,n'd)Ba-136g    TALYS-6a    0                 37
La-135(n,4npa)Xe-127m    TALYS-6a    0                 11    La-138(n,n'd)Ba-136m    TALYS-6a    0                 33
La-135(n,n'3p)Xe-132     TALYS-6a    0 [8]             20    La-138(n,n't)Ba-135g    TALYS-6a    0                 31
La-137(n,2nd)Ba-134      TALYS-6a    0 [8]             26    La-138(n,n't)Ba-135m    TALYS-6a    0                 31
La-137(n,2n)La-136g      TALYS-6a    0 [4]             43    La-138(n,n'h)Cs-135g    TALYS-6a    0                 28
La-137(n,2n)La-136m      TALYS-6a    0 [4,7,8]         42    La-138(n,n'h)Cs-135m    TALYS-6a    0                 26
La-137(n,3n)La-135       TALYS-6a    0                 30    La-138(n,4n)La-135      TALYS-6a    0                 22
La-137(n,n'a)Cs-133      TALYS-6a    0 [8]             60    La-138(n,2np)Ba-136g    TALYS-6a    0                 34
La-137(n,2na)Cs-132      TALYS-6a    0 [8]             33    La-138(n,2np)Ba-136m    TALYS-6a    0                 31
La-137(n,3na)Cs-131      TALYS-6a    0 [8]             25    La-138(n,3np)Ba-135g    TALYS-6a    0                 23
La-137(n,n'p)Ba-136g     TALYS-6a    0                 54    La-138(n,3np)Ba-135m    TALYS-6a    0                 23
La-137(n,n'p)Ba-136m     TALYS-6a    0                 45    La-138(n,n'2p)Cs-136g   TALYS-6a    0 [4,8]           28
La-137(n,n'2a)I-129      TALYS-6a    0 [8]             32    La-138(n,n'2p)Cs-136m   TALYS-6a    0 [4,7,8,8]       27
La-137(n,2n2a)I-128      TALYS-6a    0 [8]             22    La-138(n,n'pa)Xe-133g   TALYS-6a    0                 31
La-137(n,n'd)Ba-135g     TALYS-6a    0                 34    La-138(n,n'pa)Xe-133m   TALYS-6a    0                 31
La-137(n,n'd)Ba-135m     TALYS-6a    0                 33    La-138(n,g)La-139       JENDL-3.1   2 [14,13]         1840
La-137(n,n't)Ba-134      TALYS-6a    0 [8]             32    La-138(n,p)Ba-138       TALYS-6a    0 [9,2,3]         3549
La-137(n,n'h)Cs-134g     TALYS-6a    0                 27    La-138(n,d)Ba-137g      TALYS-6a    0                 59
La-137(n,n'h)Cs-134m     TALYS-6a    0                 27    La-138(n,d)Ba-137m      TALYS-6a    0                 57
La-137(n,4n)La-134       TALYS-6a    0                 20    La-138(n,t)Ba-136g      TALYS-6a    0                 54
La-137(n,2np)Ba-135g     TALYS-6a    0                 31    La-138(n,t)Ba-136m      TALYS-6a    0                 45
La-137(n,2np)Ba-135m     TALYS-6a    0                 31    La-138(n,h)Cs-136g      TALYS-6a    0 [4,8]           38
La-137(n,3np)Ba-134      TALYS-6a    0 [8]             24    La-138(n,h)Cs-136m      TALYS-6a    0 [4,7,8,8]       37
La-137(n,n'2p)Cs-135g    TALYS-6a    0 [4,8]           29    La-138(n,a)Cs-135g      TALYS-6a    0 [9,2,3]         3688
La-137(n,n'2p)Cs-135m    TALYS-6a    0 [4,7,8,8]       28    La-138(n,a)Cs-135m      TALYS-6a    0 [9,2,3]         3688
La-137(n,n'pa)Xe-132     TALYS-6a    0 [8]             33    La-138(n,2a)I-131       TALYS-6a    0                 100
La-137(n,g)La-138        MASGAM      0 [14,13]         83    La-138(n,2p)Cs-137      TALYS-6a    0 [8]             42
La-137(n,p)Ba-137g       TALYS-6a    0 [2]             100   La-138(n,pa)Xe-134g     TALYS-6a    0                 53
La-137(n,p)Ba-137m       TALYS-6a    0 [2]             100   La-138(n,pa)Xe-134m     TALYS-6a    0                 44
La-137(n,d)Ba-136g       TALYS-6a    0                 63    La-138(n,pd)Cs-136g     TALYS-6a    0 [4,8]           29
La-137(n,d)Ba-136m       TALYS-6a    0                 52    La-138(n,pd)Cs-136m     TALYS-6a    0 [4,7,8,8]       28
La-137(n,t)Ba-135g       TALYS-6a    0                 46    La-138(n,pt)Cs-135g     TALYS-6a    0                 28
La-137(n,t)Ba-135m       TALYS-6a    0                 45    La-138(n,pt)Cs-135m     TALYS-6a    0                 27
La-137(n,h)Cs-135g       TALYS-6a    0 [4,8]           40    La-138(n,da)Xe-133g     TALYS-6a    0                 33
La-137(n,h)Cs-135m       TALYS-6a    0 [4,7,8,8]       39    La-138(n,da)Xe-133m     TALYS-6a    0                 33
La-137(n,a)Cs-134g       TALYS-6a    0 [2]             100   La-138(n,5n)La-134      TALYS-6a    0                 15
La-137(n,a)Cs-134m       TALYS-6a    0 [2]             100   La-138(n,6n)La-133      TALYS-6a    0                 11
La-137(n,2a)I-130g       TALYS-6a    0                 100   La-138(n,2nt)Ba-134     TALYS-6a    0 [8]             24
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Reaction	Library			
La-138(n,ta)Xe-132	TALYS-6a	0	[8]	32
La-138(n,4np)Ba-134	TALYS-6a	0	[8]	16
La-138(n,3nd)Ba-134	TALYS-6a	0	[8]	18
La-138(n,n'da)Xe-132	TALYS-6a	0	[8]	25
La-138(n,2npa)Xe-132	TALYS-6a	0	[8]	24
La-138(n,7n)La-132g	TALYS-6a	0		6
La-138(n,7n)La-132m	TALYS-6a	0		6
La-138(n,5np)Ba-133g	TALYS-6a	0		12
La-138(n,5np)Ba-133m	TALYS-6a	0		12
La-138(n,6np)Ba-132	TALYS-6a	0		8
La-138(n,4na)Cs-131	TALYS-6a	0	[8]	17
La-138(n,5na)Cs-130g	TALYS-6a	0		12
La-138(n,5na)Cs-130m	TALYS-6a	0		12
La-138(n,6na)Cs-129	TALYS-6a	0	[8]	8
La-138(n,4nd)Ba-133g	TALYS-6a	0		12
La-138(n,4nd)Ba-133m	TALYS-6a	0		12
La-138(n,5nd)Ba-132	TALYS-6a	0	[8]	9
La-138(n,3nt)Ba-133g	TALYS-6a	0		15
La-138(n,3nt)Ba-133m	TALYS-6a	0		15
La-138(n,4nt)Ba-132	TALYS-6a	0	[8]	12
La-138(n,5nt)Ba-131g	TALYS-6a	0		7
La-138(n,5nt)Ba-131m	TALYS-6a	0		7
La-138(n,2nh)Cs-134g	TALYS-6a	0		20
La-138(n,2nh)Cs-134m	TALYS-6a	0		20
La-138(n,3nh)Cs-133	TALYS-6a	0	[8]	15
La-138(n,4nh)Cs-132	TALYS-6a	0	[8]	10
La-138(n,3n2p)Cs-134g	TALYS-6a	0		14
La-138(n,3n2p)Cs-134m	TALYS-6a	0		14
La-138(n,3n2a)I-128	TALYS-6a	0	[8]	15
La-138(n,3npa)Xe-131g	TALYS-6a	0		16
La-138(n,3npa)Xe-131m	TALYS-6a	0		16
La-138(n,n'pd)Cs-135g	TALYS-6a	0		22
La-138(n,n'pd)Cs-135m	TALYS-6a	0		21
La-138(n,n'pt)Cs-134g	TALYS-6a	0		20
La-138(n,n'pt)Cs-134m	TALYS-6a	0		19
La-138(n,n'dt)Cs-133	TALYS-6a	0	[8]	15
La-138(n,n'ta)Xe-131g	TALYS-6a	0		22
La-138(n,n'ta)Xe-131m	TALYS-6a	0		22
La-138(n,2n2p)Cs-135g	TALYS-6a	0		21
La-138(n,2n2p)Cs-135m	TALYS-6a	0		19
La-138(n,4n2p)Cs-133	TALYS-6a	0	[8]	11
La-138(n,4n2a)I-127	TALYS-6a	0	[8]	12
La-138(n,4npa)Xe-130	TALYS-6a	0	[8]	12
La-139(n,2nd)Ba-136g	TALYS-6a	0		25
La-139(n,2nd)Ba-136m	TALYS-6a	0		23
La-139(n,2n)La-138	TALYS-6a	0		44
La-139(n,3n)La-137	TALYS-6a	0		30
La-139(n,n'a)Cs-135g	TALYS-6a	0		57
La-139(n,n'a)Cs-135m	TALYS-6a	0		49
La-139(n,2na)Cs-134g	TALYS-6a	0		32
La-139(n,2na)Cs-134m	TALYS-6a	0		32
La-139(n,3na)Cs-133	TALYS-6a	0	[8]	25
La-139(n,n'p)Ba-138	TALYS-6a	0	[8]	50
La-139(n,n'2a)I-131	TALYS-6a	0	[8]	30
La-139(n,2n2a)I-130g	TALYS-6a	0		20
La-139(n,2n2a)I-130m	TALYS-6a	0		20
La-139(n,n'd)Ba-137g	TALYS-6a	0		33
La-139(n,n'd)Ba-137m	TALYS-6a	0		32
La-139(n,n't)Ba-136g	TALYS-6a	0		31
La-139(n,n't)Ba-136m	TALYS-6a	0		29
La-139(n,n'h)Cs-136g	TALYS-6a	0	[4,8]	26
La-139(n,n'h)Cs-136m	TALYS-6a	0	[4,7,8,8]	25
La-139(n,4n)La-136g	TALYS-6a	0	[4]	21
La-139(n,4n)La-136m	TALYS-6a	0	[4,7,8]	20
La-139(n,2np)Ba-137g	TALYS-6a	0		31
La-139(n,2np)Ba-137m	TALYS-6a	0		30
La-139(n,3np)Ba-136g	TALYS-6a	0		24
La-139(n,3np)Ba-136m	TALYS-6a	0		22
La-139(n,n'2p)Cs-137	TALYS-6a	0	[8]	27
La-139(n,n'pa)Xe-134g	TALYS-6a	0		31
La-139(n,n'pa)Xe-134m	TALYS-6a	0		28
La-139(n,g)La-140 20526	JEF-2.2	6	[13]	
La-139(n,p)Ba-139	ADL-3	6	[13,3]	45
La-139(n,d)Ba-138	TALYS-6a	0	[8]	59
La-139(n,t)Ba-137g	TALYS-6a	0		45
La-139(n,t)Ba-137m	ADL-3	2	[13]	41
La-139(n,h)Cs-137	TALYS-6a	5	[8]	38
La-139(n,a)Cs-136g 23105	JENDL-3.3	2	[9,13,4,3]	
La-139(n,a)Cs-136m 23105	JENDL-3.3	1	[7,9,13,4,7,3]	
La-139(n,2p)Cs-138g	TALYS-6a	0		32
La-139(n,2p)Cs-138m	TALYS-6a	0		31
La-139(n,pa)Xe-135g	TALYS-6a	0		43
La-139(n,pa)Xe-135m	TALYS-6a	0		43
La-139(n,pd)Cs-137	TALYS-6a	0	[8]	29
La-139(n,da)Xe-134g	TALYS-6a	0		32
La-139(n,da)Xe-134m	TALYS-6a	0		30
La-139(n,5n)La-135	TALYS-6a	0		15
La-139(n,6n)La-134	TALYS-6a	0		10
La-139(n,2nt)Ba-135g	TALYS-6a	0		22
La-139(n,2nt)Ba-135m	TALYS-6a	0		22
La-139(n,4np)Ba-135g	TALYS-6a	0		16
La-139(n,4np)Ba-135m	TALYS-6a	0		15
La-139(n,3nd)Ba-135g	TALYS-6a	0		16
La-139(n,3nd)Ba-135m	TALYS-6a	0		16
La-139(n,n'da)Xe-133g	TALYS-6a	0		23
La-139(n,n'da)Xe-133m	TALYS-6a	0		23
La-139(n,2npa)Xe-133g	TALYS-6a	0		21
La-139(n,2npa)Xe-133m	TALYS-6a	0		21
La-139(n,7n)La-133	TALYS-6a	0		6
La-139(n,5np)Ba-134	TALYS-6a	0		12
La-139(n,6np)Ba-133g	TALYS-6a	0		7
La-139(n,6np)Ba-133m	TALYS-6a	0		7
La-139(n,4na)Cs-132	TALYS-6a	0	[8]	16
La-139(n,5na)Cs-131	TALYS-6a	0	[8]	12
La-139(n,6na)Cs-130g	TALYS-6a	0		7
La-139(n,6na)Cs-130m	TALYS-6a	0		7
La-139(n,4nd)Ba-134	TALYS-6a	0	[8]	13
La-139(n,5nd)Ba-133g	TALYS-6a	0		8
La-139(n,5nd)Ba-133m	TALYS-6a	0		8
La-139(n,3nt)Ba-134	TALYS-6a	0	[8]	16
La-139(n,4nt)Ba-133g	TALYS-6a	0		11
La-139(n,4nt)Ba-133m	TALYS-6a	0		11
La-139(n,5nt)Ba-132	TALYS-6a	0	[8]	7
La-139(n,2nh)Cs-135g	TALYS-6a	0		20
La-139(n,2nh)Cs-135m	TALYS-6a	0		18
La-139(n,3nh)Cs-134g	TALYS-6a	0		14
La-139(n,3nh)Cs-134m	TALYS-6a	0		13
La-139(n,4nh)Cs-133	TALYS-6a	0	[8]	10
La-139(n,3n2p)Cs-135g	TALYS-6a	0		14
La-139(n,3n2p)Cs-135m	TALYS-6a	0		13
La-139(n,3n2a)I-129	TALYS-6a	0	[8]	15
La-139(n,3npa)Xe-132	TALYS-6a	0	[8]	16
La-139(n,n'pd)Cs-136g	TALYS-6a	0	[4,8]	20
La-139(n,n'pd)Cs-136m	TALYS-6a	0	[4,7,8,8]	19
La-139(n,n'pt)Cs-135g	TALYS-6a	0		19
La-139(n,n'pt)Cs-135m	TALYS-6a	0		18
La-139(n,n'dt)Cs-134g	TALYS-6a	0		14
La-139(n,n'dt)Cs-134m	TALYS-6a	0		14
La-139(n,n'ta)Xe-132	TALYS-6a	0	[8]	22
La-139(n,2n2p)Cs-136g	TALYS-6a	0	[4,8]	19
La-139(n,2n2p)Cs-136m	TALYS-6a	0	[4,7,8,8]	18
La-139(n,4n2p)Cs-134g	TALYS-6a	0		10
La-139(n,4n2p)Cs-134m	TALYS-6a	0		10
La-139(n,4n2a)I-128	TALYS-6a	0	[8]	10
La-139(n,4npa)Xe-131g	TALYS-6a	0		11
La-139(n,4npa)Xe-131m	TALYS-6a	0		11
La-140(n,2nd)Ba-137g	TALYS-6a	0		27
La-140(n,2nd)Ba-137m	TALYS-6a	0		27
La-140(n,2n)La-139	TALYS-6a	0	[8]	59
La-140(n,3n)La-138	TALYS-6a	0		33
La-140(n,n'a)Cs-136g	TALYS-6a	0	[4,8]	64
La-140(n,n'a)Cs-136m	TALYS-6a	0	[4,7,8,8]	63
La-140(n,2na)Cs-135g	TALYS-6a	0		40
La-140(n,2na)Cs-135m	TALYS-6a	0		36
La-140(n,3na)Cs-134g	TALYS-6a	0		26
La-140(n,3na)Cs-134m	TALYS-6a	0		26
La-140(n,n'p)Ba-139	TALYS-6a	0	[8]	47
La-140(n,n'2a)I-132g	TALYS-6a	0		30
La-140(n,n'2a)I-132m	TALYS-6a	0		30
La-140(n,2n2a)I-131	TALYS-6a	0	[8]	24
La-140(n,n'd)Ba-138	TALYS-6a	0	[8]	40
La-140(n,n't)Ba-137g	TALYS-6a	0		35
La-140(n,n't)Ba-137m	TALYS-6a	0		33
La-140(n,n'h)Cs-137	TALYS-6a	0	[8]	29
La-140(n,4n)La-137	TALYS-6a	0		25
La-140(n,2np)Ba-138	TALYS-6a	0	[8]	37
La-140(n,3np)Ba-137g	TALYS-6a	0		26
La-140(n,3np)Ba-137m	TALYS-6a	0		25
La-140(n,n'2p)Cs-138g	TALYS-6a	0		26
La-140(n,n'2p)Cs-138m	TALYS-6a	0		26
La-140(n,n'pa)Xe-135g	TALYS-6a	0		32
La-140(n,n'pa)Xe-135m	TALYS-6a	0		31
>La-140(n,g)La-141	TALYS-6a	2	[14]	100
La-140(n,p)Ba-140	TALYS-6a	0	[2,8]	81
La-140(n,d)Ba-139	TALYS-6a	0	[8]	57
La-140(n,t)Ba-138	TALYS-6a	0	[8]	63
La-140(n,h)Cs-138g	TALYS-6a	0		35
La-140(n,h)Cs-138m	TALYS-6a	0		35
La-140(n,a)Cs-137	TALYS-6a	0	[2]	100
La-140(n,2p)Cs-139	TALYS-6a	0	[8]	33
La-140(n,pa)Xe-136	TALYS-6a	0		100
La-140(n,pd)Cs-138g	TALYS-6a	0		28
La-140(n,pd)Cs-138m	TALYS-6a	0		27
La-140(n,da)Xe-135g	TALYS-6a	0		35
La-140(n,da)Xe-135m	TALYS-6a	0		35
La-140(n,5n)La-136g	TALYS-6a	0	[4]	16
La-140(n,5n)La-136m	TALYS-6a	0	[4,7,8]	15
La-140(n,6n)La-135	TALYS-6a	0		12
La-140(n,2nt)Ba-136g	TALYS-6a	0		26
La-140(n,2nt)Ba-136m	TALYS-6a	0		24
La-140(n,4np)Ba-136g	TALYS-6a	0		18
La-140(n,4np)Ba-136m	TALYS-6a	0		17
La-140(n,3nd)Ba-136g	TALYS-6a	0		20
La-140(n,3nd)Ba-136m	TALYS-6a	0		18
La-140(n,n'da)Xe-134g	TALYS-6a	0		26
La-140(n,n'da)Xe-134m	TALYS-6a	0		24
La-140(n,2npa)Xe-134g	TALYS-6a	0		25
La-140(n,2npa)Xe-134m	TALYS-6a	0		23
La-140(n,7n)La-134	TALYS-6a	0		8
La-140(n,8n)La-133	TALYS-6a	0		4
La-140(n,5np)Ba-135g	TALYS-6a	0		13
La-140(n,5np)Ba-135m	TALYS-6a	0		13
La-140(n,6np)Ba-134	TALYS-6a	0		10
La-140(n,4na)Cs-133	TALYS-6a	0	[8]	19
La-140(n,5na)Cs-132	TALYS-6a	0	[8]	13
La-140(n,6na)Cs-131	TALYS-6a	0	[8]	9
La-140(n,4nd)Ba-135g	TALYS-6a	0		14
La-140(n,4nd)Ba-135m	TALYS-6a	0		14
La-140(n,5nd)Ba-134	TALYS-6a	0	[8]	10
La-140(n,6nd)Ba-133g	TALYS-6a	0		5
La-140(n,6nd)Ba-133m	TALYS-6a	0		5
La-140(n,3nt)Ba-135g	TALYS-6a	0		17
La-140(n,3nt)Ba-135m	TALYS-6a	0		17
La-140(n,4nt)Ba-134	TALYS-6a	0	[8]	13
La-140(n,5nt)Ba-133g	TALYS-6a	0		8
La-140(n,5nt)Ba-133m	TALYS-6a	0		8
La-140(n,2nh)Cs-136g	TALYS-6a	0	[4,8]	21
La-140(n,2nh)Cs-136m	TALYS-6a	0	[4,7,8,8]	20
La-140(n,3nh)Cs-135g	TALYS-6a	0		16
La-140(n,3nh)Cs-135m	TALYS-6a	0		15
La-140(n,4nh)Cs-134g	TALYS-6a	0		11
La-140(n,4nh)Cs-134m	TALYS-6a	0		11
La-140(n,3n2p)Cs-136g	TALYS-6a	0	[4,8]	15
La-140(n,3n2p)Cs-136m	TALYS-6a	0	[4,7,8,8]	14
La-140(n,3n2a)I-130g	TALYS-6a	0		15

Reaction	Library	Flag	Refs	Value
La-140(n,3n2a)I-130m	TALYS-6a	0		15
La-140(n,3npa)Xe-133g	TALYS-6a	0		16
La-140(n,3npa)Xe-133m	TALYS-6a	0		16
La-140(n,n'pd)Cs-137	TALYS-6a	0	[8]	23
La-140(n,n'pt)Cs-136g	TALYS-6a	0	[4,8]	21
La-140(n,n'pt)Cs-136m	TALYS-6a	0	[4,7,8,8]	20
La-140(n,n'dt)Cs-135g	TALYS-6a	0		16
La-140(n,n'dt)Cs-135m	TALYS-6a	0		15
La-140(n,n'ta)Xe-133g	TALYS-6a	0		24
La-140(n,n'ta)Xe-133m	TALYS-6a	0		23
La-140(n,2n2p)Cs-137	TALYS-6a	0	[8]	22
La-140(n,4n2p)Cs-135g	TALYS-6a	0		12
La-140(n,4n2p)Cs-135m	TALYS-6a	0		11
La-140(n,4n2a)I-129	TALYS-6a	0	[8]	12
La-140(n,4npa)Xe-132	TALYS-6a	0	[8]	13
La-141(n,2nd)Ba-138	TALYS-6a	0	[8]	29
La-141(n,2n)La-140	TALYS-6a	0		52
La-141(n,3n)La-139	TALYS-6a	0		38
La-141(n,n'a)Cs-137	TALYS-6a	0		100
La-141(n,2na)Cs-136g	TALYS-6a	0	[4,8]	39
La-141(n,2na)Cs-136m	TALYS-6a	0	[4,7,8,8]	38
La-141(n,3na)Cs-135g	TALYS-6a	0		29
La-141(n,3na)Cs-135m	TALYS-6a	0		27
La-141(n,n'p)Ba-140	TALYS-6a	0	[8]	46
La-141(n,n'2a)I-133g	TALYS-6a	0	[4,8]	34
La-141(n,n'2a)I-133m	TALYS-6a	0	[4,7,8,8]	33
La-141(n,2n2a)I-132g	TALYS-6a	0		23
La-141(n,2n2a)I-132m	TALYS-6a	0		23
La-141(n,n'd)Ba-139	TALYS-6a	0	[8]	36
La-141(n,n't)Ba-138	TALYS-6a	0	[8]	39
La-141(n,n'h)Cs-138g	TALYS-6a	0		27
La-141(n,n'h)Cs-138m	TALYS-6a	0		27
La-141(n,4n)La-138	TALYS-6a	0		26
La-141(n,2np)Ba-139	TALYS-6a	0	[8]	33
La-141(n,3np)Ba-138	TALYS-6a	0	[8]	27
La-141(n,n'2p)Cs-139	TALYS-6a	0	[8]	25
La-141(n,n'pa)Xe-136	TALYS-6a	0	[8]	36
La-141(n,g)La-142	MASGAM	0	[14,13]	83
La-141(n,p)Ba-141	TALYS-6a	0	[2,8]	70
La-141(n,d)Ba-140	TALYS-6a	0	[8]	55
La-141(n,t)Ba-139	TALYS-6a	0	[8]	53
La-141(n,h)Cs-139	TALYS-6a	0	[8]	34
La-141(n,a)Cs-138g	TALYS-6a	0	[2]	100
La-141(n,a)Cs-138m	TALYS-6a	0	[2]	100
La-141(n,2p)Cs-140	TALYS-6a	0	[8]	29
La-141(n,pd)Cs-139	TALYS-6a	0	[8]	27
La-141(n,da)Xe-136	TALYS-6a	0	[8]	39
La-141(n,5n)La-137	TALYS-6a	0		18
La-141(n,6n)La-136g	TALYS-6a	0	[4]	13
La-141(n,6n)La-136m	TALYS-6a	0	[4,7,8]	12
La-141(n,2nt)Ba-137g	TALYS-6a	0		26
La-141(n,2nt)Ba-137m	TALYS-6a	0		26
La-141(n,ta)Xe-135g	TALYS-6a	0		34
La-141(n,ta)Xe-135m	TALYS-6a	0		33
La-141(n,4np)Ba-137g	TALYS-6a	0		19
La-141(n,4np)Ba-137m	TALYS-6a	0		18
La-141(n,3nd)Ba-137g	TALYS-6a	0		20
La-141(n,3nd)Ba-137m	TALYS-6a	0		20
La-141(n,n'da)Xe-135g	TALYS-6a	0		26
La-141(n,n'da)Xe-135m	TALYS-6a	0		26
La-141(n,2npa)Xe-135g	TALYS-6a	0		25
La-141(n,2npa)Xe-135m	TALYS-6a	0		24
La-141(n,7n)La-135	TALYS-6a	0		9
La-141(n,8n)La-134	TALYS-6a	0		4
La-141(n,5np)Ba-136g	TALYS-6a	0		14
La-141(n,5np)Ba-136m	TALYS-6a	0		13
La-141(n,6np)Ba-135g	TALYS-6a	0		10
La-141(n,6np)Ba-135m	TALYS-6a	0		10
La-141(n,7np)Ba-134	TALYS-6a	0		6
La-141(n,4na)Cs-134g	TALYS-6a	0		19
La-141(n,4na)Cs-134m	TALYS-6a	0		19
La-141(n,5na)Cs-133	TALYS-6a	0	[8]	14
La-141(n,6na)Cs-132	TALYS-6a	0	[8]	10
La-141(n,4nd)Ba-136g	TALYS-6a	0		15
La-141(n,4nd)Ba-136m	TALYS-6a	0		14
La-141(n,5nd)Ba-135g	TALYS-6a	0		10
La-141(n,5nd)Ba-135m	TALYS-6a	0		10
La-141(n,6nd)Ba-134	TALYS-6a	0	[8]	7
La-141(n,3nt)Ba-136g	TALYS-6a	0		19
La-141(n,3nt)Ba-136m	TALYS-6a	0		17
La-141(n,4nt)Ba-135g	TALYS-6a	0		13
La-141(n,4nt)Ba-135m	TALYS-6a	0		13
La-141(n,5nt)Ba-134	TALYS-6a	0	[8]	10
La-141(n,2nh)Cs-137	TALYS-6a	0	[8]	22
La-141(n,3nh)Cs-136g	TALYS-6a	0	[4,8]	16
La-141(n,3nh)Cs-136m	TALYS-6a	0	[4,7,8,8]	15
La-141(n,4nh)Cs-135g	TALYS-6a	0		12
La-141(n,4nh)Cs-135m	TALYS-6a	0		11
La-141(n,3n2p)Cs-137	TALYS-6a	0	[8]	16
La-141(n,3n2a)I-131	TALYS-6a	0	[8]	17
La-141(n,3npa)Xe-134g	TALYS-6a	0		18
La-141(n,3npa)Xe-134m	TALYS-6a	0		16
La-141(n,n'pd)Cs-138g	TALYS-6a	0		21
La-141(n,n'pd)Cs-138m	TALYS-6a	0		21
La-141(n,n'pt)Cs-137	TALYS-6a	0	[8]	23
La-141(n,n'dt)Cs-136g	TALYS-6a	0	[4,8]	16
La-141(n,n'dt)Cs-136m	TALYS-6a	0	[4,7,8,8]	15
La-141(n,n'ta)Xe-134g	TALYS-6a	0		25
La-141(n,n'ta)Xe-134m	TALYS-6a	0		23
La-141(n,2n2p)Cs-138g	TALYS-6a	0		19
La-141(n,2n2p)Cs-138m	TALYS-6a	0		19
La-141(n,4n2p)Cs-136g	TALYS-6a	0	[4,8]	12
La-141(n,4n2p)Cs-136m	TALYS-6a	0	[4,7,8,8]	11
La-141(n,4n2a)I-130g	TALYS-6a	0		12
La-141(n,4n2a)I-130m	TALYS-6a	0		11
La-141(n,4npa)Xe-133g	TALYS-6a	0		12
La-141(n,4npa)Xe-133m	TALYS-6a	0		12
Ce-134(n,2nd)La-131	TALYS-6a	0	[8]	23
Ce-134(n,2n)Ce-133g	TALYS-6a	0		40
Ce-134(n,2n)Ce-133m	TALYS-6a	0		40
Ce-134(n,3n)Ce-132	TALYS-6a	0		28
Ce-134(n,n'a)Ba-130	TALYS-6a	0		100
Ce-134(n,n'3a)Te-122	TALYS-6a	0	[8]	23
Ce-134(n,2na)Ba-129g	TALYS-6a	0		34
Ce-134(n,2na)Ba-129m	TALYS-6a	0		34
Ce-134(n,3na)Ba-128	TALYS-6a	0	[8]	25
Ce-134(n,n'p)La-133	TALYS-6a	0	[8]	47
Ce-134(n,n'2a)Xe-126	TALYS-6a	0	[8]	41
Ce-134(n,2n2a)Xe-125g	TALYS-6a	0		25
Ce-134(n,2n2a)Xe-125m	TALYS-6a	0		25
Ce-134(n,n'd)La-132g	TALYS-6a	0		31
Ce-134(n,n'd)La-132m	TALYS-6a	0		31
Ce-134(n,n't)La-131	TALYS-6a	0	[8]	29
Ce-134(n,n'h)Ba-131g	TALYS-6a	0		29
Ce-134(n,n'h)Ba-131m	TALYS-6a	0		29
Ce-134(n,n'd2a)I-124	TALYS-6a	0	[8]	15
Ce-134(n,4n)Ce-131g	TALYS-6a	0	[4]	17
Ce-134(n,4n)Ce-131m	TALYS-6a	0	[4,7,8]	16
Ce-134(n,2np)La-132g	TALYS-6a	0		29
Ce-134(n,2np)La-132m	TALYS-6a	0		29
Ce-134(n,3np)La-131	TALYS-6a	0	[8]	21
Ce-134(n,n'2p)Ba-132	TALYS-6a	0	[8]	34
Ce-134(n,n'pa)Cs-129	TALYS-6a	0	[8]	35
Ce-134(n,g)Ce-135g	MASGAM	2	[14,13,4,6,4]	83
Ce-134(n,g)Ce-135m	MASGAM	0	[14,13,4,6,4]	83
Ce-134(n,p)La-134	TALYS-6a	0	[2]	100
Ce-134(n,d)La-133	TALYS-6a	0	[8]	57
Ce-134(n,t)La-132g	TALYS-6a	0		42
Ce-134(n,t)La-132m	TALYS-6a	0		42
Ce-134(n,h)Ba-132	TALYS-6a	0	[8]	49
Ce-134(n,a)Ba-131g	TALYS-6a	0	[2]	100
Ce-134(n,a)Ba-131m	TALYS-6a	0	[2]	100
Ce-134(n,2a)Xe-127g	TALYS-6a	0		100
Ce-134(n,2a)Xe-127m	TALYS-6a	0		100
Ce-134(n,2p)Ba-133g	TALYS-6a	0		53
Ce-134(n,2p)Ba-133m	TALYS-6a	0		51
Ce-134(n,pa)Cs-130g	TALYS-6a	0		100
Ce-134(n,pa)Cs-130m	TALYS-6a	0		100
Ce-134(n,pd)Ba-132	TALYS-6a	0	[8]	36
Ce-134(n,pt)Ba-131g	TALYS-6a	0		30
Ce-134(n,pt)Ba-131m	TALYS-6a	0		30
Ce-134(n,da)Cs-129	TALYS-6a	0	[8]	36
Ce-134(n,5n)Ce-130	TALYS-6a	0		13
Ce-134(n,6n)Ce-129	TALYS-6a	0		7
Ce-134(n,2nt)La-130	TALYS-6a	0	[8]	18
Ce-134(n,ta)Cs-128	TALYS-6a	0	[8]	30
Ce-134(n,4np)La-130	TALYS-6a	0		14
Ce-134(n,3nd)La-130	TALYS-6a	0	[8]	14
Ce-134(n,n'da)Cs-128	TALYS-6a	0	[8]	24
Ce-134(n,2npa)Cs-128	TALYS-6a	0	[8]	23
Ce-134(n,5np)La-129g	TALYS-6a	0		10
Ce-134(n,5np)La-129m	TALYS-6a	0		9
Ce-134(n,4na)Ba-127g	TALYS-6a	0		15
Ce-134(n,4na)Ba-127m	TALYS-6a	0		15
Ce-134(n,5na)Ba-126	TALYS-6a	0	[8]	11
Ce-134(n,4nd)La-129g	TALYS-6a	0		10
Ce-134(n,4nd)La-129m	TALYS-6a	0		10
Ce-134(n,3nt)La-129g	TALYS-6a	0		13
Ce-134(n,3nt)La-129m	TALYS-6a	0		13
+Ce-134(n,4nt)La-128g	TALYS-6a	0	[4,8]	8
+Ce-134(n,4nt)La-128m	TALYS-6a	0	[4,7,8,8]	7
Ce-134(n,2nh)Ba-130	TALYS-6a	0	[8]	22
Ce-134(n,3nh)Ba-129g	TALYS-6a	0		14
Ce-134(n,3nh)Ba-129m	TALYS-6a	0		14
Ce-134(n,4nh)Ba-128	TALYS-6a	0	[8]	10
Ce-134(n,3n2p)Ba-130	TALYS-6a	0	[8]	16
Ce-134(n,3n2a)Xe-124	TALYS-6a	0	[8]	17
Ce-134(n,3npa)Cs-127	TALYS-6a	0	[8]	16
Ce-134(n,dt)Ba-130	TALYS-6a	0	[8]	23
Ce-134(n,n'pd)Ba-131g	TALYS-6a	0		24
Ce-134(n,n'pd)Ba-131m	TALYS-6a	0		24
Ce-134(n,n'pt)Ba-130	TALYS-6a	0	[8]	22
Ce-134(n,n'dt)Ba-129g	TALYS-6a	0		14
Ce-134(n,n'dt)Ba-129m	TALYS-6a	0		14
Ce-134(n,n'ph)Cs-130g	TALYS-6a	0		18
Ce-134(n,n'ph)Cs-130m	TALYS-6a	0		18
Ce-134(n,n'dh)Cs-129	TALYS-6a	0	[8]	14
Ce-134(n,n'ta)Cs-127	TALYS-6a	0	[8]	22
Ce-134(n,2n2p)Ba-131g	TALYS-6a	0		22
Ce-134(n,2n2p)Ba-131m	TALYS-6a	0		22
Ce-134(n,ph)Cs-131	TALYS-6a	0	[8]	28
Ce-134(n,ha)Xe-128	TALYS-6a	0	[8]	30
Ce-134(n,4n2p)Ba-129g	TALYS-6a	0		10
Ce-134(n,4n2p)Ba-129m	TALYS-6a	0		10
Ce-134(n,4n2a)Xe-123	TALYS-6a	0	[8]	11
Ce-134(n,4npa)Cs-126	TALYS-6a	0	[8]	10
Ce-134(n,3p)Cs-132	TALYS-6a	0	[8]	28
Ce-134(n,n'3p)Cs-131	TALYS-6a	0	[8]	21
Ce-134(n,3n2pa)Xe-126	TALYS-6a	0	[8]	11
Ce-134(n,5n2p)Ba-128	TALYS-6a	0	[8]	7
Ce-135(n,n')Ce-135m	TALYS-6a	0		86
Ce-135(n,2nd)La-132g	TALYS-6a	0		23
Ce-135(n,2nd)La-132m	TALYS-6a	0		23
Ce-135(n,2n)Ce-134	TALYS-6a	0		45
Ce-135(n,3n)Ce-133g	TALYS-6a	0		28
Ce-135(n,3n)Ce-133m	TALYS-6a	0		28
Ce-135(n,n'a)Ba-131g	TALYS-6a	0		65
Ce-135(n,n'a)Ba-131m	TALYS-6a	0		65
Ce-135(n,2na)Ba-130	TALYS-6a	0	[8]	38
Ce-135(n,3na)Ba-129g	TALYS-6a	0		24
Ce-135(n,3na)Ba-129m	TALYS-6a	0		25
Ce-135(n,n'p)La-134	TALYS-6a	0	[8]	48
Ce-135(n,n'2a)Xe-127g	TALYS-6a	0		38
Ce-135(n,n'2a)Xe-127m	TALYS-6a	0		38
Ce-135(n,2n2a)Xe-126	TALYS-6a	0	[8]	28
Ce-135(n,n'd)La-133	TALYS-6a	0	[8]	34
Ce-135(n,n't)La-132g	TALYS-6a	0		29
Ce-135(n,n't)La-132m	TALYS-6a	0		28

Reaction	Library		Ref	Value
Ce-135(n,n'h)Ba-132	TALYS-6a	0	[8]	31
Ce-135(n,n'd2a)I-125	TALYS-6a	0	[8]	16
Ce-135(n,4n)Ce-132	TALYS-6a	0		20
Ce-135(n,2np)La-133	TALYS-6a	0	[8]	31
Ce-135(n,3np)La-132g	TALYS-6a	0		21
Ce-135(n,3np)La-132m	TALYS-6a	0		21
Ce-135(n,n'2p)Ba-133g	TALYS-6a	0		32
Ce-135(n,n'2p)Ba-133m	TALYS-6a	0		31
Ce-135(n,n'pa)Cs-130g	TALYS-6a	0		33
Ce-135(n,n'pa)Cs-130m	TALYS-6a	0		33
>Ce-135(n,g)Ce-136	TALYS-6a	2		100
Ce-135(n,p)La-135	TALYS-6a	0	[2]	100
Ce-135(n,d)La-134	TALYS-6a	0	[8]	56
Ce-135(n,t)La-133	TALYS-6a	0	[8]	46
Ce-135(n,h)Ba-133g	TALYS-6a	0		45
Ce-135(n,h)Ba-133m	TALYS-6a	0		45
Ce-135(n,a)Ba-132	TALYS-6a	0	[2]	100
Ce-135(n,2a)Xe-128	TALYS-6a	0	[10]	100
Ce-135(n,2p)Ba-134	TALYS-6a	0	[8]	61
Ce-135(n,pa)Cs-131	TALYS-6a	0		100
Ce-135(n,pd)Ba-133g	TALYS-6a	0		35
Ce-135(n,pd)Ba-133m	TALYS-6a	0		34
Ce-135(n,pt)Ba-132	TALYS-6a	0	[8]	32
Ce-135(n,da)Cs-130g	TALYS-6a	0		35
Ce-135(n,da)Cs-130m	TALYS-6a	0		35
Ce-135(n,5n)Ce-131g	TALYS-6a	0	[4]	13
Ce-135(n,5n)Ce-131m	TALYS-6a	0	[4,7,8]	12
Ce-135(n,6n)Ce-130	TALYS-6a	0		9
Ce-135(n,2nt)La-131	TALYS-6a	0		20
Ce-135(n,ta)Cs-129	TALYS-6a	0	[8]	32
Ce-135(n,4np)La-131	TALYS-6a	0		15
Ce-135(n,3nd)La-131	TALYS-6a	0		16
Ce-135(n,n'da)Cs-129	TALYS-6a	0	[8]	26
Ce-135(n,2npa)Cs-129	TALYS-6a	0	[8]	25
Ce-135(n,5np)La-130	TALYS-6a	0		10
Ce-135(n,6np)La-129g	TALYS-6a	0		6
Ce-135(n,6np)La-129m	TALYS-6a	0		5
Ce-135(n,4na)Ba-128	TALYS-6a	0	[8]	17
Ce-135(n,5na)Ba-127g	TALYS-6a	0		11
Ce-135(n,5na)Ba-127m	TALYS-6a	0		11
Ce-135(n,6na)Ba-126	TALYS-6a	0	[8]	7
Ce-135(n,4nd)La-130	TALYS-6a	0		11
Ce-135(n,5nd)La-129g	TALYS-6a	0		6
Ce-135(n,5nd)La-129m	TALYS-6a	0		6
Ce-135(n,3nt)La-130	TALYS-6a	0	[8]	13
Ce-135(n,4nt)La-129g	TALYS-6a	0		9
Ce-135(n,4nt)La-129m	TALYS-6a	0		9
Ce-135(n,2nh)Ba-131g	TALYS-6a	0		21
Ce-135(n,2nh)Ba-131m	TALYS-6a	0		21
Ce-135(n,3nh)Ba-130	TALYS-6a	0	[8]	15
Ce-135(n,4nh)Ba-129g	TALYS-6a	0		10
Ce-135(n,4nh)Ba-129m	TALYS-6a	0		10
Ce-135(n,3n2p)Ba-131g	TALYS-6a	0		15
Ce-135(n,3n2p)Ba-131m	TALYS-6a	0		15
Ce-135(n,3n2a)Xe-125g	TALYS-6a	0		16
Ce-135(n,3n2a)Xe-125m	TALYS-6a	0		16
Ce-135(n,3npa)Cs-128	TALYS-6a	0	[8]	16
Ce-135(n,n'pd)Ba-132	TALYS-6a	0	[8]	26
Ce-135(n,n'pt)Ba-131g	TALYS-6a	0		22
Ce-135(n,n'pt)Ba-131m	TALYS-6a	0		22
Ce-135(n,n'dt)Ba-130	TALYS-6a	0	[8]	15
Ce-135(n,n'ph)Cs-131	TALYS-6a	0	[8]	19
Ce-135(n,n'dh)Cs-130g	TALYS-6a	0		13
Ce-135(n,n'dh)Cs-130m	TALYS-6a	0		13
Ce-135(n,n'ta)Cs-128	TALYS-6a	0	[8]	22
Ce-135(n,2n2p)Ba-132	TALYS-6a	0	[8]	24
Ce-135(n,ph)Cs-132	TALYS-6a	0	[8]	26
Ce-135(n,4n2p)Ba-130	TALYS-6a	0	[8]	12
Ce-135(n,4n2a)Xe-124	TALYS-6a	0	[8]	13
Ce-135(n,4npa)Cs-127	TALYS-6a	0	[8]	12
Ce-135(n,3p)Cs-133	TALYS-6a	0	[8]	29
Ce-135(n,n'3p)Cs-132	TALYS-6a	0	[8]	19
Ce-135(n,3n2pa)Xe-127g	TALYS-6a	0		11
Ce-135(n,3n2pa)Xe-127m	TALYS-6a	0		11
Ce-135(n,5n2p)Ba-129g	TALYS-6a	0		6
Ce-135(n,5n2p)Ba-129m	TALYS-6a	0		6
Ce-136(n,2nd)La-133	TALYS-6a	0	[8]	22
Ce-136(n,2n)Ce-135g	TALYS-6a	0		41
Ce-136(n,2n)Ce-135m	TALYS-6a	0		41
Ce-136(n,3n)Ce-134	TALYS-6a	0		28
Ce-136(n,n'a)Ba-132	TALYS-6a	0	[8]	65
Ce-136(n,2na)Ba-131g	TALYS-6a	0		33
Ce-136(n,2na)Ba-131m	TALYS-6a	0		33
Ce-136(n,3na)Ba-130	TALYS-6a	0	[8]	25
Ce-136(n,n'p)La-135	TALYS-6a	0	[8]	46
Ce-136(n,n'2a)Xe-128	TALYS-6a	0	[8]	38
Ce-136(n,2n2a)Xe-127g	TALYS-6a	0		24
Ce-136(n,2n2a)Xe-127m	TALYS-6a	0		24
Ce-136(n,n'd)La-134	TALYS-6a	0	[8]	31
Ce-136(n,n't)La-133	TALYS-6a	0	[8]	28
Ce-136(n,n'h)Ba-133g	TALYS-6a	0		28
Ce-136(n,n'h)Ba-133m	TALYS-6a	0		28
Ce-136(n,4n)Ce-133g	TALYS-6a	0		18
Ce-136(n,4n)Ce-133m	TALYS-6a	0		18
Ce-136(n,2np)La-134	TALYS-6a	0	[8]	29
Ce-136(n,3np)La-133	TALYS-6a	0	[8]	21
Ce-136(n,n'2p)Ba-134	TALYS-6a	0	[8]	31
Ce-136(n,n'pa)Cs-131	TALYS-6a	0	[8]	32
Ce-136(n,g)Ce-137g	SIGECN-MASGAM	2	[14,13,4,6]	1168
Ce-136(n,g)Ce-137m	SIGECN-MASGAM	2	[14,13,4,6]	1168
Ce-136(n,p)La-136g	TALYS-6a	0	[4,2]	100
Ce-136(n,p)La-136m	TALYS-6a	0	[7,4,7,2]	100
Ce-136(n,d)La-135	TALYS-6a	0	[8]	55
Ce-136(n,t)La-134	TALYS-6a	0	[8]	41
Ce-136(n,h)Ba-134	TALYS-6a	0	[8]	44
Ce-136(n,a)Ba-133g	TALYS-6a	0	[2]	100
Ce-136(n,a)Ba-133m	TALYS-6a	0	[2]	100
Ce-136(n,2a)Xe-129g	TALYS-6a	0		100
Ce-136(n,2a)Xe-129m	TALYS-6a	0		100
Ce-136(n,2p)Ba-135g	TALYS-6a	0		45
Ce-136(n,2p)Ba-135m	TALYS-6a	0		45
Ce-136(n,pa)Cs-132	TALYS-6a	0	[8]	49
Ce-136(n,pd)Ba-134	TALYS-6a	0	[8]	34
Ce-136(n,pt)Ba-133g	TALYS-6a	0		29
Ce-136(n,pt)Ba-133m	TALYS-6a	0		29
Ce-136(n,da)Cs-131	TALYS-6a	0	[8]	34
Ce-136(n,5n)Ce-132	TALYS-6a	0		13
Ce-136(n,6n)Ce-131g	TALYS-6a	0	[4]	8
Ce-136(n,6n)Ce-131m	TALYS-6a	0	[4,7,8]	7
Ce-136(n,2nt)La-132g	TALYS-6a	0		19
Ce-136(n,2nt)La-132m	TALYS-6a	0		18
Ce-136(n,ta)Cs-130g	TALYS-6a	0		29
Ce-136(n,ta)Cs-130m	TALYS-6a	0		29
Ce-136(n,4np)La-132g	TALYS-6a	0		14
Ce-136(n,4np)La-132m	TALYS-6a	0		14
Ce-136(n,3nd)La-132g	TALYS-6a	0		15
Ce-136(n,3nd)La-132m	TALYS-6a	0		15
Ce-136(n,n'da)Cs-130g	TALYS-6a	0		23
Ce-136(n,n'da)Cs-130m	TALYS-6a	0		23
Ce-136(n,2npa)Cs-130g	TALYS-6a	0		22
Ce-136(n,2npa)Cs-130m	TALYS-6a	0		22
Ce-136(n,5np)La-131	TALYS-6a	0		10
Ce-136(n,6np)La-130	TALYS-6a	0		5
Ce-136(n,4na)Ba-129g	TALYS-6a	0		15
Ce-136(n,4na)Ba-129m	TALYS-6a	0		15
Ce-136(n,5na)Ba-128	TALYS-6a	0	[8]	11
Ce-136(n,4nd)La-131	TALYS-6a	0		11
Ce-136(n,5nd)La-130	TALYS-6a	0		6
Ce-136(n,3nt)La-131	TALYS-6a	0	[8]	13
Ce-136(n,4nt)La-130	TALYS-6a	0	[8]	8
Ce-136(n,2nh)Ba-132	TALYS-6a	0	[8]	21
Ce-136(n,3nh)Ba-131g	TALYS-6a	0		14
Ce-136(n,3nh)Ba-131m	TALYS-6a	0		14
Ce-136(n,4nh)Ba-130	TALYS-6a	0	[8]	10
Ce-136(n,3n2p)Ba-132	TALYS-6a	0	[8]	15
Ce-136(n,3n2a)Xe-126	TALYS-6a	0	[8]	17
Ce-136(n,3npa)Cs-129	TALYS-6a	0	[8]	15
Ce-136(n,dt)Ba-132	TALYS-6a	0	[8]	22
Ce-136(n,n'pd)Ba-133g	TALYS-6a	0		23
Ce-136(n,n'pd)Ba-133m	TALYS-6a	0		23
Ce-136(n,n'pt)Ba-132	TALYS-6a	0	[8]	21
Ce-136(n,n'dt)Ba-131g	TALYS-6a	0		14
Ce-136(n,n'dt)Ba-131m	TALYS-6a	0		14
Ce-136(n,n'ph)Cs-132	TALYS-6a	0	[8]	16
Ce-136(n,n'dh)Cs-131	TALYS-6a	0	[8]	13
Ce-136(n,n'ta)Cs-129	TALYS-6a	0	[8]	21
Ce-136(n,2n2p)Ba-133g	TALYS-6a	0		21
Ce-136(n,2n2p)Ba-133m	TALYS-6a	0		21
Ce-136(n,ph)Cs-133	TALYS-6a	0	[8]	25
Ce-136(n,4n2p)Ba-131g	TALYS-6a	0		10
Ce-136(n,4n2p)Ba-131m	TALYS-6a	0		10
Ce-136(n,4n2a)Xe-125g	TALYS-6a	0		11
Ce-136(n,4n2a)Xe-125m	TALYS-6a	0		11
Ce-136(n,4npa)Cs-128	TALYS-6a	0	[8]	10
Ce-136(n,n'3p)Cs-133	TALYS-6a	0	[8]	18
Ce-136(n,5n2p)Ba-130	TALYS-6a	0	[8]	6
Ce-137(n,2nd)La-134	TALYS-6a	0	[8]	23
Ce-137(n,2n)Ce-136	TALYS-6a	0		48
Ce-137(n,3n)Ce-135g	TALYS-6a	0		29
Ce-137(n,3n)Ce-135m	TALYS-6a	0		29
Ce-137(n,n'a)Ba-133g	TALYS-6a	0		63
Ce-137(n,n'a)Ba-133m	TALYS-6a	0		62
Ce-137(n,2na)Ba-132	TALYS-6a	0	[8]	38
Ce-137(n,3na)Ba-131g	TALYS-6a	0		25
Ce-137(n,3na)Ba-131m	TALYS-6a	0		25
Ce-137(n,n'p)La-136g	TALYS-6a	0	[4,8]	46
Ce-137(n,n'p)La-136m	TALYS-6a	0	[4,7,8,8]	45
Ce-137(n,n'2a)Xe-129g	TALYS-6a	0		36
Ce-137(n,n'2a)Xe-129m	TALYS-6a	0		36
Ce-137(n,2n2a)Xe-128	TALYS-6a	0	[8]	27
Ce-137(n,n'd)La-135	TALYS-6a	0	[8]	34
Ce-137(n,n't)La-134	TALYS-6a	0	[8]	29
Ce-137(n,n'h)Ba-134	TALYS-6a	0	[8]	30
Ce-137(n,4n)Ce-134	TALYS-6a	0		21
Ce-137(n,2np)La-135	TALYS-6a	0	[8]	31
Ce-137(n,3np)La-134	TALYS-6a	0		22
Ce-137(n,n'2p)Ba-135g	TALYS-6a	0		31
Ce-137(n,n'2p)Ba-135m	TALYS-6a	0		30
Ce-137(n,n'pa)Cs-132	TALYS-6a	0	[8]	31
Ce-137(n,g)Ce-138	TALYS-6a	0	[14]	100
Ce-137(n,p)La-137	TALYS-6a	0	[2]	100
Ce-137(n,d)La-136g	TALYS-6a	0	[4,8]	54
Ce-137(n,d)La-136m	TALYS-6a	0	[4,7,8,8]	53
Ce-137(n,t)La-135	TALYS-6a	0	[8]	46
Ce-137(n,h)Ba-135g	TALYS-6a	0		43
Ce-137(n,h)Ba-135m	TALYS-6a	0		42
Ce-137(n,a)Ba-134	TALYS-6a	0	[2]	100
Ce-137(n,2a)Xe-130	TALYS-6a	0		100
Ce-137(n,2p)Ba-136g	TALYS-6a	0		54
Ce-137(n,2p)Ba-136m	TALYS-6a	0		44
Ce-137(n,pa)Cs-133	TALYS-6a	0		100
Ce-137(n,pd)Ba-135g	TALYS-6a	0		33
Ce-137(n,pd)Ba-135m	TALYS-6a	0		32
Ce-137(n,pt)Ba-134	TALYS-6a	0	[8]	31
Ce-137(n,da)Cs-132	TALYS-6a	0	[8]	33
Ce-137(n,5n)Ce-133g	TALYS-6a	0		13
Ce-137(n,5n)Ce-133m	TALYS-6a	0		13
Ce-137(n,6n)Ce-132	TALYS-6a	0		9
Ce-137(n,2nt)La-133	TALYS-6a	0	[8]	21
Ce-137(n,ta)Cs-131	TALYS-6a	0	[8]	31
Ce-137(n,4np)La-133	TALYS-6a	0		15
Ce-137(n,3nd)La-133	TALYS-6a	0		16
Ce-137(n,n'da)Cs-131	TALYS-6a	0	[8]	25
Ce-137(n,2npa)Cs-131	TALYS-6a	0	[8]	24
Ce-137(n,5np)La-132g	TALYS-6a	0		10
Ce-137(n,5np)La-132m	TALYS-6a	0		10
Ce-137(n,6np)La-131	TALYS-6a	0		6
Ce-137(n,4na)Ba-130	TALYS-6a	0	[8]	17

Reaction	Code	Flag	Refs	Value
Ce-137(n,5na)Ba-129g	TALYS-6a	0		11
Ce-137(n,5na)Ba-129m	TALYS-6a	0		12
Ce-137(n,6na)Ba-128	TALYS-6a	0	[8]	7
Ce-137(n,4nd)La-132g	TALYS-6a	0		11
Ce-137(n,4nd)La-132m	TALYS-6a	0		11
Ce-137(n,5nd)La-131	TALYS-6a	0	[8]	7
Ce-137(n,3nt)La-132g	TALYS-6a	0		14
Ce-137(n,3nt)La-132m	TALYS-6a	0		14
Ce-137(n,4nt)La-131	TALYS-6a	0	[8]	10
Ce-137(n,2nh)Ba-133g	TALYS-6a	0		21
Ce-137(n,2nh)Ba-133m	TALYS-6a	0		20
Ce-137(n,3nh)Ba-132	TALYS-6a	0	[8]	15
Ce-137(n,4nh)Ba-131g	TALYS-6a	0		10
Ce-137(n,4nh)Ba-131m	TALYS-6a	0		10
Ce-137(n,3n2p)Ba-133g	TALYS-6a	0		15
Ce-137(n,3n2p)Ba-133m	TALYS-6a	0		15
Ce-137(n,3n2a)Xe-127g	TALYS-6a	0		16
Ce-137(n,3n2a)Xe-127m	TALYS-6a	0		16
Ce-137(n,3npa)Cs-130g	TALYS-6a	0		15
Ce-137(n,3npa)Cs-130m	TALYS-6a	0		15
Ce-137(n,n'pd)Ba-134	TALYS-6a	0	[8]	25
Ce-137(n,n'pt)Ba-133g	TALYS-6a	0		21
Ce-137(n,n'pt)Ba-133m	TALYS-6a	0		21
Ce-137(n,n'dt)Ba-132	TALYS-6a	0	[8]	15
Ce-137(n,n'ph)Cs-133	TALYS-6a	0	[8]	18
Ce-137(n,n'dh)Cs-132	TALYS-6a	0	[8]	13
Ce-137(n,n'ta)Cs-130g	TALYS-6a	0		21
Ce-137(n,n'ta)Cs-130m	TALYS-6a	0		21
Ce-137(n,2n2p)Ba-134	TALYS-6a	0	[8]	23
Ce-137(n,ph)Cs-134g	TALYS-6a	0		24
Ce-137(n,ph)Cs-134m	TALYS-6a	0		24
Ce-137(n,4n2p)Ba-132	TALYS-6a	0	[8]	11
Ce-137(n,4n2a)Xe-126	TALYS-6a	0	[8]	12
Ce-137(n,4npa)Cs-129	TALYS-6a	0	[8]	12
Ce-137m(n,n')Ce-137g	TALYS-6a	0	[8]	97
Ce-137m(n,2nd)La-134	TALYS-6a	0	[8]	23
Ce-137m(n,2n)Ce-136	TALYS-6a	0		49
Ce-137m(n,3n)Ce-135g	TALYS-6a	0		29
Ce-137m(n,3n)Ce-135m	TALYS-6a	0		29
Ce-137m(n,n'a)Ba-133g	TALYS-6a	0		65
Ce-137m(n,n'a)Ba-133m	TALYS-6a	0		64
Ce-137m(n,2na)Ba-132	TALYS-6a	0	[8]	39
Ce-137m(n,3na)Ba-131g	TALYS-6a	0		25
Ce-137m(n,3na)Ba-131m	TALYS-6a	0		25
Ce-137m(n,n'p)La-136g	TALYS-6a	0	[4,8]	47
Ce-137m(n,n'p)La-136m	TALYS-6a	0	[4,7,8,8]	46
Ce-137m(n,n'2a)Xe-129g	TALYS-6a	0		36
Ce-137m(n,n'2a)Xe-129m	TALYS-6a	0		37
Ce-137m(n,2n2a)Xe-128	TALYS-6a	0	[8]	27
Ce-137m(n,n'd)La-135	TALYS-6a	0	[8]	34
Ce-137m(n,n't)La-134	TALYS-6a	0	[8]	29
Ce-137m(n,n'h)Ba-134	TALYS-6a	0	[8]	30
Ce-137m(n,4n)Ce-134	TALYS-6a	0		21
Ce-137m(n,2np)La-135	TALYS-6a	0	[8]	31
Ce-137m(n,3np)La-134	TALYS-6a	0		22
Ce-137m(n,n'2p)Ba-135g	TALYS-6a	0		31
Ce-137m(n,n'2p)Ba-135m	TALYS-6a	0		31
Ce-137m(n,n'pa)Cs-132	TALYS-6a	0	[8]	31
Ce-137m(n,g)Ce-138	MASGAM	0	[14,7,13]	83
Ce-137m(n,p)La-137	TALYS-6a	0	[2]	100
Ce-137m(n,d)La-136g	TALYS-6a	0	[4,8]	55
Ce-137m(n,d)La-136m	TALYS-6a	0	[4,7,8,8]	54
Ce-137m(n,t)La-135	TALYS-6a	0	[8]	47
Ce-137m(n,h)Ba-135g	TALYS-6a	0		43
Ce-137m(n,h)Ba-135m	TALYS-6a	0		43
Ce-137m(n,a)Ba-134	TALYS-6a	0	[2]	100
Ce-137m(n,2a)Xe-130	TALYS-6a	0		100
Ce-137m(n,2p)Ba-136g	TALYS-6a	0		55
Ce-137m(n,2p)Ba-136m	TALYS-6a	0		45
Ce-137m(n,pa)Cs-133	TALYS-6a	0		100
Ce-137m(n,pd)Ba-135g	TALYS-6a	0		33
Ce-137m(n,pd)Ba-135m	TALYS-6a	0		33
Ce-137m(n,pt)Ba-134	TALYS-6a	0	[8]	31
Ce-137m(n,da)Cs-132	TALYS-6a	0	[8]	33
Ce-137m(n,5n)Ce-133g	TALYS-6a	0		14
Ce-137m(n,5n)Ce-133m	TALYS-6a	0		14
Ce-137m(n,6n)Ce-132	TALYS-6a	0		10
Ce-137m(n,2nt)La-133	TALYS-6a	0	[8]	21
Ce-137m(n,ta)Cs-131	TALYS-6a	0	[8]	31
Ce-137m(n,4np)La-133	TALYS-6a	0		15
Ce-137m(n,3nd)La-133	TALYS-6a	0	[8]	16
Ce-137m(n,n'da)Cs-131	TALYS-6a	0	[8]	25
Ce-137m(n,2npa)Cs-131	TALYS-6a	0	[8]	24
Ce-137m(n,5np)La-132g	TALYS-6a	0		10
Ce-137m(n,5np)La-132m	TALYS-6a	0		10
Ce-137m(n,6np)La-131	TALYS-6a	0	[8]	6
Ce-137m(n,4na)Ba-130	TALYS-6a	0	[8]	17
Ce-137m(n,5na)Ba-129g	TALYS-6a	0		12
Ce-137m(n,5na)Ba-129m	TALYS-6a	0		12
Ce-137m(n,6na)Ba-128	TALYS-6a	0	[8]	8
Ce-137m(n,4nd)La-132g	TALYS-6a	0		11
Ce-137m(n,4nd)La-132m	TALYS-6a	0		11
Ce-137m(n,5nd)La-131	TALYS-6a	0	[8]	7
Ce-137m(n,3nt)La-132g	TALYS-6a	0		14
Ce-137m(n,3nt)La-132m	TALYS-6a	0		14
Ce-137m(n,4nt)La-131	TALYS-6a	0	[8]	10
Ce-137m(n,5nt)La-130	TALYS-6a	0	[8]	5
Ce-137m(n,2nh)Ba-133g	TALYS-6a	0		21
Ce-137m(n,2nh)Ba-133m	TALYS-6a	0		20
Ce-137m(n,3nh)Ba-132	TALYS-6a	0	[8]	15
Ce-137m(n,4nh)Ba-131g	TALYS-6a	0		10
Ce-137m(n,4nh)Ba-131m	TALYS-6a	0		10
Ce-137m(n,3n2p)Ba-133g	TALYS-6a	0		15
Ce-137m(n,3n2p)Ba-133m	TALYS-6a	0		15
Ce-137m(n,3n2a)Xe-127g	TALYS-6a	0		16
Ce-137m(n,3n2a)Xe-127m	TALYS-6a	0		16
Ce-137m(n,3npa)Cs-130g	TALYS-6a	0		15
Ce-137m(n,3npa)Cs-130m	TALYS-6a	0		15
Ce-137m(n,n'pd)Ba-134	TALYS-6a	0	[8]	25
Ce-137m(n,n'pt)Ba-133g	TALYS-6a	0		21
Ce-137m(n,n'pt)Ba-133m	TALYS-6a	0		21
Ce-137m(n,n'dt)Ba-132	TALYS-6a	0	[8]	15
Ce-137m(n,n'ph)Cs-133	TALYS-6a	0	[8]	18
Ce-137m(n,n'ta)Cs-130g	TALYS-6a	0		21
Ce-137m(n,n'ta)Cs-130m	TALYS-6a	0		21
Ce-137m(n,2n2p)Ba-134	TALYS-6a	0	[8]	24
Ce-137m(n,4n2p)Ba-132	TALYS-6a	0	[8]	12
Ce-137m(n,4n2a)Xe-126	TALYS-6a	0	[8]	13
Ce-137m(n,4npa)Cs-129	TALYS-6a	0	[8]	12
Ce-138(n,2nd)La-135	TALYS-6a	0	[8]	23
>Ce-138(n,2n)Ce-137g	TALYS-6a	1	[3]	42
>Ce-138(n,2n)Ce-137m	TALYS-6a	4		41
Ce-138(n,3n)Ce-136	TALYS-6a	0		29
Ce-138(n,n'a)Ba-134	TALYS-6a	0	[8]	62
Ce-138(n,2na)Ba-133g	TALYS-6a	0		33
Ce-138(n,2na)Ba-133m	TALYS-6a	0		32
Ce-138(n,3na)Ba-132	TALYS-6a	0	[8]	25
Ce-138(n,n'p)La-137	TALYS-6a	0	[8]	44
Ce-138(n,n'2a)Xe-130	TALYS-6a	0	[8]	35
Ce-138(n,2n2a)Xe-129g	TALYS-6a	0		23
Ce-138(n,2n2a)Xe-129m	TALYS-6a	0		23
Ce-138(n,n'd)La-136g	TALYS-6a	0	[4,8]	30
Ce-138(n,n'd)La-136m	TALYS-6a	0	[4,7,8,8]	29
Ce-138(n,n't)La-135	TALYS-6a	0	[8]	29
Ce-138(n,n'h)Ba-135g	TALYS-6a	0		27
Ce-138(n,n'h)Ba-135m	TALYS-6a	0		27
Ce-138(n,4n)Ce-135g	TALYS-6a	0		19
Ce-138(n,4n)Ce-135m	TALYS-6a	0		19
Ce-138(n,2np)La-136g	TALYS-6a	0	[4]	29
Ce-138(n,2np)La-136m	TALYS-6a	0	[4,7,8]	28
Ce-138(n,3np)La-135	TALYS-6a	0	[8]	21
Ce-138(n,n'2p)Ba-136g	TALYS-6a	0		30
Ce-138(n,n'2p)Ba-136m	TALYS-6a	0		28
Ce-138(n,n'pa)Cs-133	TALYS-6a	0	[8]	31
Ce-138(n,g)Ce-139g	MASGAM	2	[13,4,6,12,4]	114
Ce-138(n,g)Ce-139m	MASGAM	2	[7,13,4,6,12,4]	114
Ce-138(n,p)La-138	TALYS-6a	0	[2,8]	80
Ce-138(n,d)La-137	TALYS-6a	0	[8]	51
Ce-138(n,t)La-136g	TALYS-6a	0	[4,8]	41
Ce-138(n,t)La-136m	TALYS-6a	0	[4,7,8,8]	40
Ce-138(n,h)Ba-136g	TALYS-6a	0		42
Ce-138(n,h)Ba-136m	TALYS-6a	0		37
Ce-138(n,a)Ba-135g	TALYS-6a	0	[2]	100
Ce-138(n,a)Ba-135m	TALYS-6a	0	[2]	100
Ce-138(n,2a)Xe-131g	TALYS-6a	0		100
Ce-138(n,2a)Xe-131m	TALYS-6a	0		100
Ce-138(n,2p)Ba-137g	TALYS-6a	0		43
Ce-138(n,2p)Ba-137m	TALYS-6a	0		41
Ce-138(n,pa)Cs-134g	TALYS-6a	0		44
Ce-138(n,pa)Cs-134m	TALYS-6a	0		43
Ce-138(n,pd)Ba-136g	TALYS-6a	0		31
Ce-138(n,pd)Ba-136m	TALYS-6a	0		29
Ce-138(n,pt)Ba-135g	TALYS-6a	0		28
Ce-138(n,pt)Ba-135m	TALYS-6a	0		28
Ce-138(n,da)Cs-133	TALYS-6a	0	[8]	32
Ce-138(n,5n)Ce-134	TALYS-6a	0		14
Ce-138(n,6n)Ce-133g	TALYS-6a	0		9
Ce-138(n,6n)Ce-133m	TALYS-6a	0		9
Ce-138(n,2nt)La-134	TALYS-6a	0	[8]	19
Ce-138(n,ta)Cs-132	TALYS-6a	0	[8]	28
Ce-138(n,4np)La-134	TALYS-6a	0		14
Ce-138(n,3nd)La-134	TALYS-6a	0	[8]	15
Ce-138(n,n'da)Cs-132	TALYS-6a	0	[8]	22
Ce-138(n,2npa)Cs-132	TALYS-6a	0	[8]	21
Ce-138(n,7n)Ce-132	TALYS-6a	0		5
Ce-138(n,5np)La-133	TALYS-6a	0		10
Ce-138(n,6np)La-132g	TALYS-6a	0		5
Ce-138(n,6np)La-132m	TALYS-6a	0		5
Ce-138(n,4na)Ba-131g	TALYS-6a	0		16
Ce-138(n,4na)Ba-131m	TALYS-6a	0		16
Ce-138(n,5na)Ba-130	TALYS-6a	0	[8]	12
Ce-138(n,6na)Ba-129g	TALYS-6a	0		6
Ce-138(n,6na)Ba-129m	TALYS-6a	0		6
Ce-138(n,4nd)La-133	TALYS-6a	0	[8]	11
Ce-138(n,5nd)La-132g	TALYS-6a	0		6
Ce-138(n,5nd)La-132m	TALYS-6a	0		6
Ce-138(n,3nt)La-133	TALYS-6a	0	[8]	14
Ce-138(n,4nt)La-132g	TALYS-6a	0		9
Ce-138(n,4nt)La-132m	TALYS-6a	0		9
Ce-138(n,5nt)La-131	TALYS-6a	0	[8]	5
Ce-138(n,2nh)Ba-134	TALYS-6a	0	[8]	21
Ce-138(n,3nh)Ba-133g	TALYS-6a	0		14
Ce-138(n,3nh)Ba-133m	TALYS-6a	0		14
Ce-138(n,4nh)Ba-132	TALYS-6a	0	[8]	10
Ce-138(n,3n2p)Ba-134	TALYS-6a	0	[8]	15
Ce-138(n,3n2a)Xe-128	TALYS-6a	0	[8]	16
Ce-138(n,3npa)Cs-131	TALYS-6a	0	[8]	15
Ce-138(n,n'pd)Ba-135g	TALYS-6a	0		22
Ce-138(n,n'pd)Ba-135m	TALYS-6a	0		22
Ce-138(n,n'pt)Ba-134	TALYS-6a	0	[8]	21
Ce-138(n,n'dt)Ba-133g	TALYS-6a	0		14
Ce-138(n,n'dt)Ba-133m	TALYS-6a	0		14
Ce-138(n,n'ph)Cs-134g	TALYS-6a	0		15
Ce-138(n,n'ph)Cs-134m	TALYS-6a	0		15
Ce-138(n,n'ta)Cs-131	TALYS-6a	0	[8]	21
Ce-138(n,2n2p)Ba-135g	TALYS-6a	0		20
Ce-138(n,2n2p)Ba-135m	TALYS-6a	0		20
Ce-138(n,4n2p)Ba-133g	TALYS-6a	0		10
Ce-138(n,4n2p)Ba-133m	TALYS-6a	0		10
Ce-138(n,4n2a)Xe-127g	TALYS-6a	0		11
Ce-138(n,4n2a)Xe-127m	TALYS-6a	0		11
Ce-138(n,4npa)Cs-130g	TALYS-6a	0		10
Ce-138(n,4npa)Cs-130m	TALYS-6a	0		10
Ce-139(n,n')Ce-139m	TALYS-6a	0		83
Ce-139(n,2nd)La-136g	TALYS-6a	0	[4,8]	23
Ce-139(n,2nd)La-136m	TALYS-6a	0	[4,7,8,8]	22
Ce-139(n,2n)Ce-138	TALYS-6a	0		48
Ce-139(n,3n)Ce-137g	TALYS-6a	0		29

Reaction	Library		Refs	Value
Ce-139(n,3n)Ce-137m	TALYS-6a	0		29
Ce-139(n,n'a)Ba-135g	TALYS-6a	0		60
Ce-139(n,n'a)Ba-135m	TALYS-6a	0		58
Ce-139(n,2na)Ba-134	TALYS-6a	0	[8]	37
Ce-139(n,3na)Ba-133g	TALYS-6a	0		25
Ce-139(n,3na)Ba-133m	TALYS-6a	0		24
Ce-139(n,n'p)La-138	TALYS-6a	0	[8]	44
Ce-139(n,n'2a)Xe-131g	TALYS-6a	0		32
Ce-139(n,n'2a)Xe-131m	TALYS-6a	0		32
Ce-139(n,2n2a)Xe-130	TALYS-6a	0	[8]	25
Ce-139(n,n'd)La-137	TALYS-6a	0	[8]	32
Ce-139(n,n't)La-136g	TALYS-6a	0	[4,8]	29
Ce-139(n,n't)La-136m	TALYS-6a	0	[4,7,8,8]	28
Ce-139(n,n'h)Ba-136g	TALYS-6a	0		29
Ce-139(n,n'h)Ba-136m	TALYS-6a	0		27
Ce-139(n,4n)Ce-136	TALYS-6a	0		22
Ce-139(n,2np)La-137	TALYS-6a	0	[8]	30
Ce-139(n,3np)La-136g	TALYS-6a	0	[4,8]	21
Ce-139(n,3np)La-136m	TALYS-6a	0	[4,7,8,8]	20
Ce-139(n,n'2p)Ba-137g	TALYS-6a	0		29
Ce-139(n,n'2p)Ba-137m	TALYS-6a	0		29
Ce-139(n,n'pa)Cs-134g	TALYS-6a	0		30
Ce-139(n,n'pa)Cs-134m	TALYS-6a	0		30
Ce-139(n,g)Ce-140	MASGAM	2	[13,12]	115
Ce-139(n,p)La-139	TALYS-6a	0	[2]	100
Ce-139(n,d)La-138	TALYS-6a	0	[8]	51
Ce-139(n,t)La-137	TALYS-6a	0	[8]	45
Ce-139(n,h)Ba-137g	TALYS-6a	0		40
Ce-139(n,h)Ba-137m	TALYS-6a	0		39
Ce-139(n,a)Ba-136g	TALYS-6a	0	[2]	100
Ce-139(n,a)Ba-136m	TALYS-6a	0	[2]	100
Ce-139(n,2a)Xe-132	TALYS-6a	0	[10]	100
Ce-139(n,2p)Ba-138	TALYS-6a	0	[8]	45
Ce-139(n,pa)Cs-135g	TALYS-6a	0		48
Ce-139(n,pa)Cs-135m	TALYS-6a	0		42
Ce-139(n,pd)Ba-137g	TALYS-6a	0		31
Ce-139(n,pd)Ba-137m	TALYS-6a	0		30
Ce-139(n,pt)Ba-136g	TALYS-6a	0		30
Ce-139(n,pt)Ba-136m	TALYS-6a	0		28
Ce-139(n,da)Cs-134g	TALYS-6a	0		31
Ce-139(n,da)Cs-134m	TALYS-6a	0		31
Ce-139(n,5n)Ce-135g	TALYS-6a	0		14
Ce-139(n,5n)Ce-135m	TALYS-6a	0		14
Ce-139(n,6n)Ce-134	TALYS-6a	0		10
Ce-139(n,2nt)La-135	TALYS-6a	0	[8]	21
Ce-139(n,ta)Cs-133	TALYS-6a	0	[8]	30
Ce-139(n,4np)La-135	TALYS-6a	0		15
Ce-139(n,3nd)La-135	TALYS-6a	0	[8]	16
Ce-139(n,n'da)Cs-133	TALYS-6a	0	[8]	24
Ce-139(n,2npa)Cs-133	TALYS-6a	0	[8]	23
Ce-139(n,7n)Ce-133g	TALYS-6a	0		5
Ce-139(n,7n)Ce-133m	TALYS-6a	0		5
Ce-139(n,5np)La-134	TALYS-6a	0	[8]	10
Ce-139(n,6np)La-133	TALYS-6a	0	[8]	6
Ce-139(n,4na)Ba-132	TALYS-6a	0	[8]	17
Ce-139(n,5na)Ba-131g	TALYS-6a	0		12
Ce-139(n,5na)Ba-131m	TALYS-6a	0		12
Ce-139(n,6na)Ba-130	TALYS-6a	0	[8]	8
Ce-139(n,4nd)La-134	TALYS-6a	0	[8]	11
Ce-139(n,5nd)La-133	TALYS-6a	0	[8]	7
Ce-139(n,3nt)La-134	TALYS-6a	0	[8]	14
Ce-139(n,4nt)La-133	TALYS-6a	0	[8]	10
Ce-139(n,5nt)La-132g	TALYS-6a	0		5
Ce-139(n,5nt)La-132m	TALYS-6a	0		5
Ce-139(n,2nh)Ba-135g	TALYS-6a	0		20
Ce-139(n,2nh)Ba-135m	TALYS-6a	0		20
Ce-139(n,3nh)Ba-134	TALYS-6a	0	[8]	15
Ce-139(n,4nh)Ba-133g	TALYS-6a	0		10
Ce-139(n,4nh)Ba-133m	TALYS-6a	0		10
Ce-139(n,3n2p)Ba-135g	TALYS-6a	0		15
Ce-139(n,3n2p)Ba-135m	TALYS-6a	0		15
Ce-139(n,3n2a)Xe-129g	TALYS-6a	0		16
Ce-139(n,3n2a)Xe-129m	TALYS-6a	0		16
Ce-139(n,3npa)Cs-132	TALYS-6a	0	[8]	15
Ce-139(n,n'pd)Ba-136g	TALYS-6a	0		24
Ce-139(n,n'pd)Ba-136m	TALYS-6a	0		22
Ce-139(n,n'pt)Ba-135g	TALYS-6a	0		20
Ce-139(n,n'pt)Ba-135m	TALYS-6a	0		20
Ce-139(n,n'dt)Ba-134	TALYS-6a	0	[8]	15
Ce-139(n,n'ph)Cs-135g	TALYS-6a	0		16
Ce-139(n,n'ph)Cs-135m	TALYS-6a	0		15
Ce-139(n,n'ta)Cs-132	TALYS-6a	0	[8]	20
Ce-139(n,2n2p)Ba-136g	TALYS-6a	0		22
Ce-139(n,2n2p)Ba-136m	TALYS-6a	0		20
Ce-139(n,4n2p)Ba-134	TALYS-6a	0	[8]	11
Ce-139(n,4n2a)Xe-128	TALYS-6a	0	[8]	12
Ce-139(n,4npa)Cs-131	TALYS-6a	0	[8]	11
Ce-140(n,2nd)La-137	TALYS-6a	0	[8]	23
Ce-140(n,2n)Ce-139g	ADL-3	2	[13]	45
Ce-140(n,2n)Ce-139m	ADL-3	6	[13]	44
Ce-140(n,3n)Ce-138	TALYS-6a	0		30
Ce-140(n,n'a)Ba-136g	TALYS-6a	0		59
Ce-140(n,n'a)Ba-136m	TALYS-6a	0		49
Ce-140(n,2na)Ba-135g	TALYS-6a	0		33
Ce-140(n,2na)Ba-135m	TALYS-6a	0		32
Ce-140(n,3na)Ba-134	TALYS-6a	0	[8]	25
Ce-140(n,n'p)La-139	TALYS-6a	0	[8]	43
Ce-140(n,n'2a)Xe-132	TALYS-6a	0	[8]	31
Ce-140(n,2n2a)Xe-131g	TALYS-6a	0		22
Ce-140(n,2n2a)Xe-131m	TALYS-6a	0		22
Ce-140(n,n'd)La-138	TALYS-6a	0	[8]	30
Ce-140(n,n't)La-137	TALYS-6a	0	[8]	29
Ce-140(n,n'h)Ba-137g	TALYS-6a	0		27
Ce-140(n,n'h)Ba-137m	TALYS-6a	0		26
Ce-140(n,4n)Ce-137g	TALYS-6a	0		20
Ce-140(n,4n)Ce-137m	TALYS-6a	0		20
Ce-140(n,2np)La-138	TALYS-6a	0		29
Ce-140(n,3np)La-137	TALYS-6a	0	[8]	21
Ce-140(n,n'2p)Ba-138	TALYS-6a	0	[8]	29
Ce-140(n,n'pa)Cs-135g	TALYS-6a	0		29
Ce-140(n,n'pa)Cs-135m	TALYS-6a	0		27
>Ce-140(n,g)Ce-141	JEF-2.2	4	[13]	4144
Ce-140(n,p)La-140	ADL-3	4	[13]	44
Ce-140(n,d)La-139	TALYS-6a	0	[8]	49
Ce-140(n,t)La-138	TALYS-6a	0	[8]	41
Ce-140(n,h)Ba-138	TALYS-6a	0	[8]	39
Ce-140(n,a)Ba-137g	TALYS-6a	0	[9,2,3]	4144
Ce-140(n,a)Ba-137m	TALYS-5	6	[9,3,3]	4144
Ce-140(n,2p)Ba-139	TALYS-6a	0	[8]	34
Ce-140(n,pa)Cs-136g	TALYS-6a	0	[4,8]	37
Ce-140(n,pa)Cs-136m	TALYS-6a	0	[4,7,8,8]	36
Ce-140(n,pd)Ba-138	TALYS-6a	0	[8]	30
Ce-140(n,pt)Ba-137g	TALYS-6a	0		27
Ce-140(n,pt)Ba-137m	TALYS-6a	0		26
Ce-140(n,da)Cs-135g	TALYS-6a	0		31
Ce-140(n,da)Cs-135m	TALYS-6a	0		28
Ce-140(n,5n)Ce-136	TALYS-6a	0		14
Ce-140(n,6n)Ce-135g	TALYS-6a	0		9
Ce-140(n,6n)Ce-135m	TALYS-6a	0		9
Ce-140(n,2nt)La-136g	TALYS-6a	0	[4,8]	19
Ce-140(n,2nt)La-136m	TALYS-6a	0	[4,7,8,8]	18
Ce-140(n,ta)Cs-134g	TALYS-6a	0		27
Ce-140(n,ta)Cs-134m	TALYS-6a	0		27
Ce-140(n,4np)La-136g	TALYS-6a	0	[4,8]	14
Ce-140(n,4np)La-136m	TALYS-6a	0	[4,7,8,8]	12
Ce-140(n,3nd)La-136g	TALYS-6a	0	[4,8]	15
Ce-140(n,3nd)La-136m	TALYS-6a	0	[4,7,8,8]	14
Ce-140(n,n'da)Cs-134g	TALYS-6a	0		21
Ce-140(n,n'da)Cs-134m	TALYS-6a	0		21
Ce-140(n,2npa)Cs-134g	TALYS-6a	0		20
Ce-140(n,2npa)Cs-134m	TALYS-6a	0		20
Ce-140(n,7n)Ce-134	TALYS-6a	0		5
Ce-140(n,5np)La-135	TALYS-6a	0		11
Ce-140(n,6np)La-134	TALYS-6a	0		6
Ce-140(n,4na)Ba-133g	TALYS-6a	0		16
Ce-140(n,4na)Ba-133m	TALYS-6a	0		16
Ce-140(n,5na)Ba-132	TALYS-6a	0	[8]	12
Ce-140(n,6na)Ba-131g	TALYS-6a	0		7
Ce-140(n,6na)Ba-131m	TALYS-6a	0		7
Ce-140(n,4nd)La-135	TALYS-6a	0	[8]	11
Ce-140(n,5nd)La-134	TALYS-6a	0	[8]	6
Ce-140(n,3nt)La-135	TALYS-6a	0	[8]	14
Ce-140(n,4nt)La-134	TALYS-6a	0	[8]	9
Ce-140(n,5nt)La-133	TALYS-6a	0	[8]	5
Ce-140(n,2nh)Ba-136g	TALYS-6a	0		20
Ce-140(n,2nh)Ba-136m	TALYS-6a	0		18
Ce-140(n,3nh)Ba-135g	TALYS-6a	0		14
Ce-140(n,3nh)Ba-135m	TALYS-6a	0		13
Ce-140(n,4nh)Ba-134	TALYS-6a	0	[8]	10
Ce-140(n,3n2p)Ba-136g	TALYS-6a	0		15
Ce-140(n,3n2p)Ba-136m	TALYS-6a	0		14
Ce-140(n,3n2a)Xe-130	TALYS-6a	0	[8]	16
Ce-140(n,3npa)Cs-133	TALYS-6a	0	[8]	15
Ce-140(n,n'pd)Ba-137g	TALYS-6a	0		21
Ce-140(n,n'pd)Ba-137m	TALYS-6a	0		20
Ce-140(n,n'pt)Ba-136g	TALYS-6a	0		20
Ce-140(n,n'pt)Ba-136m	TALYS-6a	0		18
Ce-140(n,n'dt)Ba-135g	TALYS-6a	0		14
Ce-140(n,n'dt)Ba-135m	TALYS-6a	0		14
Ce-140(n,n'ta)Cs-133	TALYS-6a	0	[8]	20
Ce-140(n,2n2p)Ba-137g	TALYS-6a	0		20
Ce-140(n,2n2p)Ba-137m	TALYS-6a	0		19
Ce-140(n,4n2p)Ba-135g	TALYS-6a	0		10
Ce-140(n,4n2p)Ba-135m	TALYS-6a	0		10
Ce-140(n,4n2a)Xe-129g	TALYS-6a	0		10
Ce-140(n,4n2a)Xe-129m	TALYS-6a	0		11
Ce-140(n,4npa)Cs-132	TALYS-6a	0	[8]	10
Ce-141(n,2nd)La-138	TALYS-6a	0	[8]	25
Ce-141(n,2n)Ce-140	TALYS-6a	0		58
Ce-141(n,3n)Ce-139g	TALYS-6a	0		32
Ce-141(n,3n)Ce-139m	TALYS-6a	0		31
Ce-141(n,n'a)Ba-137g	TALYS-6a	0		67
Ce-141(n,n'a)Ba-137m	TALYS-6a	0		63
Ce-141(n,2na)Ba-136g	TALYS-6a	0		40
Ce-141(n,2na)Ba-136m	TALYS-6a	0		36
Ce-141(n,3na)Ba-135g	TALYS-6a	0		26
Ce-141(n,3na)Ba-135m	TALYS-6a	0		26
Ce-141(n,n'p)La-140	TALYS-6a	0	[8]	43
Ce-141(n,n'2a)Xe-133g	TALYS-6a	0		33
Ce-141(n,n'2a)Xe-133m	TALYS-6a	0		33
Ce-141(n,2n2a)Xe-132	TALYS-6a	0	[8]	25
Ce-141(n,n'd)La-139	TALYS-6a	0	[8]	36
Ce-141(n,n't)La-138	TALYS-6a	0	[8]	31
Ce-141(n,n'h)Ba-138	TALYS-6a	0	[8]	30
Ce-141(n,4n)Ce-138	TALYS-6a	0		24
Ce-141(n,2np)La-139	TALYS-6a	0	[8]	32
Ce-141(n,3np)La-138	TALYS-6a	0	[8]	23
Ce-141(n,n'2p)Ba-139	TALYS-6a	0	[8]	27
Ce-141(n,n'pa)Cs-136g	TALYS-6a	0	[4,8]	30
Ce-141(n,n'pa)Cs-136m	TALYS-6a	0	[4,7,8,8]	29
>Ce-141(n,g)Ce-142	TALYS-5a	4	[14,9,16]	2579
Ce-141(n,p)La-141	TALYS-6a	0	[2,8]	73
Ce-141(n,d)La-140	TALYS-6a	0	[8]	47
Ce-141(n,t)La-139	TALYS-6a	0	[8]	52
Ce-141(n,h)Ba-139	TALYS-6a	0	[8]	37
Ce-141(n,a)Ba-138	TALYS-6a	0	[9,2,3]	3973
Ce-141(n,2p)Ba-140	TALYS-6a	0	[8]	36
Ce-141(n,pa)Cs-137	TALYS-6a	0	[8]	52
Ce-141(n,pd)Ba-139	TALYS-6a	0	[8]	29
Ce-141(n,pt)Ba-138	TALYS-6a	0	[8]	31
Ce-141(n,5n)Ce-137g	TALYS-6a	0		15
Ce-141(n,5n)Ce-137m	TALYS-6a	0		15
Ce-141(n,6n)Ce-136	TALYS-6a	0		12
Ce-141(n,2nt)La-137	TALYS-6a	0	[8]	23
Ce-141(n,4np)La-137	TALYS-6a	0		16
Ce-141(n,3nd)La-137	TALYS-6a	0	[8]	17
Ce-141(n,n'da)Cs-135g	TALYS-6a	0		25
Ce-141(n,n'da)Cs-135m	TALYS-6a	0		23

Ce-141(n,2npa)Cs-135g	TALYS-6a	0		23	Ce-142(n,n'pd)Ba-139	TALYS-6a	0 [8]		21
Ce-141(n,2npa)Cs-135m	TALYS-6a	0		21	Ce-142(n,n'pt)Ba-138	TALYS-6a	0 [8]		23
Ce-141(n,7n)Ce-135g	TALYS-6a	0		7	Ce-142(n,n'dt)Ba-137g	TALYS-6a	0		16
Ce-141(n,7n)Ce-135m	TALYS-6a	0		6	Ce-142(n,n'dt)Ba-137m	TALYS-6a	0		15
Ce-141(n,5np)La-136g	TALYS-6a	0 [4,8]		11	Ce-142(n,n'ta)Cs-135g	TALYS-6a	0		23
Ce-141(n,5np)La-136m	TALYS-6a	0 [4,7,8,8]		10	Ce-142(n,n'ta)Cs-135m	TALYS-6a	0		21
Ce-141(n,6np)La-135	TALYS-6a	0		8	Ce-142(n,2n2p)Ba-139	TALYS-6a	0 [8]		20
Ce-141(n,4na)Ba-134	TALYS-6a	0 [8]		19	Ce-142(n,4n2p)Ba-137g	TALYS-6a	0		11
Ce-141(n,5na)Ba-133g	TALYS-6a	0		13	Ce-142(n,4n2p)Ba-137m	TALYS-6a	0		11
Ce-141(n,5na)Ba-133m	TALYS-6a	0		13	Ce-142(n,4n2a)Xe-131g	TALYS-6a	0		12
Ce-141(n,6na)Ba-132	TALYS-6a	0 [8]		9	Ce-142(n,4n2a)Xe-131m	TALYS-6a	0		12
Ce-141(n,4nd)La-136g	TALYS-6a	0 [4,8]		12	Ce-142(n,4npa)Cs-134g	TALYS-6a	0		11
Ce-141(n,4nd)La-136m	TALYS-6a	0 [4,7,8,8]		11	Ce-142(n,4npa)Cs-134m	TALYS-6a	0		11
Ce-141(n,5nd)La-135	TALYS-6a	0		9	Ce-143(n,2nd)La-140	TALYS-6a	0 [8]		26
Ce-141(n,3nt)La-136g	TALYS-6a	0 [4,8]		15	Ce-143(n,2n)Ce-142	TALYS-6a	0		60
Ce-141(n,3nt)La-136m	TALYS-6a	0 [4,7,8,8]		14	Ce-143(n,3n)Ce-141	TALYS-6a	0		37
Ce-141(n,4nt)La-135	TALYS-6a	0 [8]		11	Ce-143(n,n'a)Ba-139	TALYS-6a	0		100
Ce-141(n,5nt)La-134	TALYS-6a	0 [8]		7	Ce-143(n,2na)Ba-138	TALYS-6a	0 [8]		48
Ce-141(n,2nh)Ba-137g	TALYS-6a	0		21	Ce-143(n,3na)Ba-137g	TALYS-6a	0		30
Ce-141(n,2nh)Ba-137m	TALYS-6a	0		21	Ce-143(n,3na)Ba-137m	TALYS-6a	0		30
Ce-141(n,3nh)Ba-136g	TALYS-6a	0		15	Ce-143(n,n'p)La-142	TALYS-6a	0 [8]		42
Ce-141(n,3nh)Ba-136m	TALYS-6a	0		15	Ce-143(n,n'2a)Xe-135g	TALYS-6a	0		39
Ce-141(n,4nh)Ba-135g	TALYS-6a	0		11	Ce-143(n,n'2a)Xe-135m	TALYS-6a	0		38
Ce-141(n,4nh)Ba-135m	TALYS-6a	0		11	Ce-143(n,2n2a)Xe-134g	TALYS-6a	0		28
Ce-141(n,3n2p)Ba-137g	TALYS-6a	0		15	Ce-143(n,2n2a)Xe-134m	TALYS-6a	0		25
Ce-141(n,3n2p)Ba-137m	TALYS-6a	0		15	Ce-143(n,n'd)La-141	TALYS-6a	0 [8]		35
Ce-141(n,3n2a)Xe-131g	TALYS-6a	0		16	Ce-143(n,n't)La-140	TALYS-6a	0 [8]		33
Ce-141(n,3n2a)Xe-131m	TALYS-6a	0		16	Ce-143(n,n'h)Ba-140	TALYS-6a	0 [8]		28
Ce-141(n,3npa)Cs-134g	TALYS-6a	0		15	Ce-143(n,4n)Ce-140	TALYS-6a	0		29
Ce-141(n,3npa)Cs-134m	TALYS-6a	0		15	Ce-143(n,2np)La-141	TALYS-6a	0 [8]		31
Ce-141(n,n'pd)Ba-138	TALYS-6a	0 [8]		24	Ce-143(n,3np)La-140	TALYS-6a	0 [8]		25
Ce-141(n,n'pt)Ba-137g	TALYS-6a	0		21	Ce-143(n,n'2p)Ba-141	TALYS-6a	0 [8]		25
Ce-141(n,n'pt)Ba-137m	TALYS-6a	0		21	Ce-143(n,n'pa)Cs-138g	TALYS-6a	0		31
Ce-141(n,n'dt)Ba-136g	TALYS-6a	0		16	Ce-143(n,n'pa)Cs-138m	TALYS-6a	0		31
Ce-141(n,n'dt)Ba-136m	TALYS-6a	0		15	>Ce-143(n,g)Ce-144	TALYS-5a	2 [14]		100
Ce-141(n,n'ta)Cs-134g	TALYS-6a	0		21	Ce-143(n,p)La-143	TALYS-6a	0 [2,8]		68
Ce-141(n,n'ta)Cs-134m	TALYS-6a	0		21	Ce-143(n,d)La-142	TALYS-6a	0		45
Ce-141(n,2n2p)Ba-138	TALYS-6a	0 [8]		23	Ce-143(n,t)La-141	TALYS-6a	0 [8]		49
Ce-141(n,4n2p)Ba-136g	TALYS-6a	0		12	Ce-143(n,h)Ba-141	TALYS-6a	0 [8]		35
Ce-141(n,4n2p)Ba-136m	TALYS-6a	0		11	Ce-143(n,a)Ba-140	TALYS-6a	0 [2]		100
Ce-141(n,4n2a)Xe-130	TALYS-6a	0 [8]		12	Ce-143(n,2p)Ba-142	TALYS-6a	0 [8]		32
Ce-141(n,4npa)Cs-133	TALYS-6a	0 [8]		12	Ce-143(n,pd)Ba-141	TALYS-6a	0 [8]		27
Ce-142(n,2nd)La-139	TALYS-6a	0 [8]		26	Ce-143(n,5n)Ce-139g	TALYS-6a	0		19
Ce-142(n,2n)Ce-141	ADL-3	4 [13]		45	Ce-143(n,5n)Ce-139m	TALYS-6a	0		19
Ce-142(n,3n)Ce-140	TALYS-6a	0		36	Ce-143(n,6n)Ce-138	TALYS-6a	0		14
Ce-142(n,n'a)Ba-138	TALYS-6a	0		100	Ce-143(n,2nt)La-139	TALYS-6a	0 [8]		27
Ce-142(n,2na)Ba-137g	TALYS-6a	0		39	Ce-143(n,4np)La-139	TALYS-6a	0		20
Ce-142(n,2na)Ba-137m	TALYS-6a	0		38	Ce-143(n,3nd)La-139	TALYS-6a	0 [8]		21
Ce-142(n,3na)Ba-136g	TALYS-6a	0		28	Ce-143(n,n'da)Cs-137	TALYS-6a	0 [8]		29
Ce-142(n,3na)Ba-136m	TALYS-6a	0		26	Ce-143(n,2npa)Cs-137	TALYS-6a	0 [8]		27
Ce-142(n,n'p)La-141	TALYS-6a	0 [8]		42	Ce-143(n,7n)Ce-137g	TALYS-6a	0		9
Ce-142(n,n'2a)Xe-134g	TALYS-6a	0		36	Ce-143(n,7n)Ce-137m	TALYS-6a	0		9
Ce-142(n,n'2a)Xe-134m	TALYS-6a	0		31	Ce-143(n,8n)Ce-136	TALYS-6a	0		6
Ce-142(n,2n2a)Xe-133g	TALYS-6a	0		24	Ce-143(n,5np)La-138	TALYS-6a	0		14
Ce-142(n,2n2a)Xe-133m	TALYS-6a	0		24	Ce-143(n,6np)La-137	TALYS-6a	0		10
Ce-142(n,n'd)La-140	TALYS-6a	0 [8]		32	Ce-143(n,7np)La-136g	TALYS-6a	0 [4,8]		5
Ce-142(n,n't)La-139	TALYS-6a	0 [8]		33	Ce-143(n,7np)La-136m	TALYS-6a	0 [4,7,8,8]		4
Ce-142(n,n'h)Ba-139	TALYS-6a	0 [8]		27	Ce-143(n,4na)Ba-136g	TALYS-6a	0		23
Ce-142(n,4n)Ce-139g	TALYS-6a	0		25	Ce-143(n,4na)Ba-136m	TALYS-6a	0		21
Ce-142(n,4n)Ce-139m	TALYS-6a	0		24	Ce-143(n,5na)Ba-135g	TALYS-6a	0		15
Ce-142(n,2np)La-140	TALYS-6a	0 [8]		30	Ce-143(n,5na)Ba-135m	TALYS-6a	0		15
Ce-142(n,3np)La-139	TALYS-6a	0 [8]		25	Ce-143(n,6na)Ba-134	TALYS-6a	0 [8]		11
Ce-142(n,n'2p)Ba-140	TALYS-6a	0 [8]		26	Ce-143(n,4nd)La-138	TALYS-6a	0 [8]		14
Ce-142(n,n'pa)Cs-137	TALYS-6a	0 [8]		33	Ce-143(n,5nd)La-137	TALYS-6a	0		11
Ce-142(n,g)Ce-143	JENDL-3.2	4 [13]		7773	Ce-143(n,6nd)La-136g	TALYS-6a	0 [4,8]		6
Ce-142(n,p)La-142	JENDL-3.3	6 [13]		1535	Ce-143(n,6nd)La-136m	TALYS-6a	0 [4,7,8,8]		5
Ce-142(n,d)La-141	TALYS-6a	0 [8]		45	Ce-143(n,3nt)La-138	TALYS-6a	0 [8]		18
Ce-142(n,t)La-140	TALYS-6a	0 [8]		44	Ce-143(n,4nt)La-137	TALYS-6a	0 [8]		13
Ce-142(n,h)Ba-140	TALYS-6a	2 [8]		36	Ce-143(n,5nt)La-136g	TALYS-6a	0 [4,8]		9
Ce-142(n,a)Ba-139	TALYS-5	2 [9,3]		1207	Ce-143(n,5nt)La-136m	TALYS-6a	0 [4,7,8,8]		8
Ce-142(n,2p)Ba-141	TALYS-6a	0 [8]		31	Ce-143(n,6nt)La-135	TALYS-6a	0 [8]		5
Ce-142(n,pd)Ba-140	TALYS-6a	0 [8]		28	Ce-143(n,2nh)Ba-139	TALYS-6a	0 [8]		23
Ce-142(n,da)Cs-137	TALYS-6a	0 [8]		36	Ce-143(n,3nh)Ba-138	TALYS-6a	0 [8]		18
Ce-142(n,5n)Ce-138	TALYS-6a	0		17	Ce-143(n,4nh)Ba-137g	TALYS-6a	0		13
Ce-142(n,6n)Ce-137g	TALYS-6a	0		12	Ce-143(n,4nh)Ba-137m	TALYS-6a	0		12
Ce-142(n,6n)Ce-137m	TALYS-6a	0		12	Ce-143(n,3n2p)Ba-139	TALYS-6a	0 [8]		16
Ce-142(n,2nt)La-138	TALYS-6a	0 [8]		23	Ce-143(n,3n2a)Xe-133g	TALYS-6a	0		18
Ce-142(n,4np)La-138	TALYS-6a	0 [8]		16	Ce-143(n,3n2a)Xe-133m	TALYS-6a	0		18
Ce-142(n,3nd)La-138	TALYS-6a	0 [8]		18	Ce-143(n,3npa)Cs-136g	TALYS-6a	0 [4,8]		17
Ce-142(n,n'da)Cs-136g	TALYS-6a	0 [4,8]		24	Ce-143(n,3npa)Cs-136m	TALYS-6a	0 [4,7,8,8]		16
Ce-142(n,n'da)Cs-136m	TALYS-6a	0 [4,7,8,8]		23	Ce-143(n,n'pd)Ba-140	TALYS-6a	0 [8]		22
Ce-142(n,2npa)Cs-136g	TALYS-6a	0 [4,8]		23	Ce-143(n,n'pt)Ba-139	TALYS-6a	0 [8]		22
Ce-142(n,2npa)Cs-136m	TALYS-6a	0 [4,7,8,8]		22	Ce-143(n,n'dt)Ba-138	TALYS-6a	0 [8]		18
Ce-142(n,7n)Ce-136	TALYS-6a	0		8	Ce-143(n,n'ta)Cs-136g	TALYS-6a	0 [4,8]		23
Ce-142(n,5np)La-137	TALYS-6a	0		13	Ce-143(n,n'ta)Cs-136m	TALYS-6a	0 [4,7,8,8]		22
Ce-142(n,6np)La-136g	TALYS-6a	0 [4]		8	Ce-143(n,2n2p)Ba-140	TALYS-6a	0 [8]		21
Ce-142(n,6np)La-136m	TALYS-6a	0 [4,7,8]		7	Ce-143(n,4n2p)Ba-138	TALYS-6a	0 [8]		13
Ce-142(n,4na)Ba-135g	TALYS-6a	0		19	Ce-143(n,4n2a)Xe-132	TALYS-6a	0 [8]		14
Ce-142(n,4na)Ba-135m	TALYS-6a	0		19	Ce-143(n,4npa)Cs-135g	TALYS-6a	0		13
Ce-142(n,5na)Ba-134	TALYS-6a	0 [8]		14	Ce-143(n,4npa)Cs-135m	TALYS-6a	0		12
Ce-142(n,6na)Ba-133g	TALYS-6a	0		9	Ce-143(n,5n2p)Ba-137g	TALYS-6a	0		9
Ce-142(n,6na)Ba-133m	TALYS-6a	0		9	Ce-143(n,5n2p)Ba-137m	TALYS-6a	0		8
Ce-142(n,4nd)La-137	TALYS-6a	0 [8]		13	Ce-144(n,2nd)La-141	TALYS-6a	0 [8]		26
Ce-142(n,5nd)La-136g	TALYS-6a	0 [4]		9	Ce-144(n,2n)Ce-143	TALYS-6a	0		51
Ce-142(n,5nd)La-136m	TALYS-6a	0 [4,7,8]		8	Ce-144(n,3n)Ce-142	TALYS-6a	0		37
Ce-142(n,6nd)La-135	TALYS-6a	0 [8]		5	Ce-144(n,n'a)Ba-140	TALYS-6a	0		100
Ce-142(n,3nt)La-137	TALYS-6a	0 [8]		16	Ce-144(n,2na)Ba-139	TALYS-6a	0 [8]		42
Ce-142(n,4nt)La-136g	TALYS-6a	0 [4,8]		11	Ce-144(n,3na)Ba-138	TALYS-6a	0		33
Ce-142(n,4nt)La-136m	TALYS-6a	0 [4,7,8,8]		10	Ce-144(n,n'p)La-143	TALYS-6a	0 [8]		40
Ce-142(n,5nt)La-135	TALYS-6a	0 [8]		8	Ce-144(n,n'2a)Xe-136	TALYS-6a	0		100
Ce-142(n,2nh)Ba-138	TALYS-6a	0 [8]		23	Ce-144(n,2n2a)Xe-135g	TALYS-6a	0		27
Ce-142(n,3nh)Ba-137g	TALYS-6a	0		15	Ce-144(n,2n2a)Xe-135m	TALYS-6a	0		27
Ce-142(n,3nh)Ba-137m	TALYS-6a	0		15	Ce-144(n,n'd)La-142	TALYS-6a	0 [8]		31
Ce-142(n,4nh)Ba-136g	TALYS-6a	0		12	Ce-144(n,n't)La-141	TALYS-6a	0 [8]		33
Ce-142(n,4nh)Ba-136m	TALYS-6a	0		11	Ce-144(n,n'h)Ba-141	TALYS-6a	0 [8]		26
Ce-142(n,3n2p)Ba-138	TALYS-6a	0 [8]		16	Ce-144(n,4n)Ce-141	TALYS-6a	0		27
Ce-142(n,3n2a)Xe-132	TALYS-6a	0 [8]		17	Ce-144(n,2np)La-142	TALYS-6a	0 [8]		30
Ce-142(n,3npa)Cs-135g	TALYS-6a	0		16	Ce-144(n,3np)La-141	TALYS-6a	0		25
Ce-142(n,3npa)Cs-135m	TALYS-6a	0		15	Ce-144(n,n'2p)Ba-142	TALYS-6a	0 [8]		24

Reaction	Library	Flag	Refs	Value
Ce-144(n,n'pa)Cs-139	TALYS-6a	0	[8]	30
Ce-144(n,g)Ce-145	JEF-2.2	2	[14,13]	3473
Ce-144(n,p)La-144	TALYS-6a	0	[2,8]	57
Ce-144(n,d)La-143	TALYS-6a	0	[8]	44
Ce-144(n,t)La-142	TALYS-6a	0	[8]	43
Ce-144(n,h)Ba-142	TALYS-6a	0	[8]	33
Ce-144(n,a)Ba-141	TALYS-6a	0	[9,9,2,3]	3358
Ce-144(n,2p)Ba-143	TALYS-6a	0	[8]	29
Ce-144(n,pd)Ba-142	TALYS-6a	0	[8]	26
Ce-144(n,da)Cs-139	TALYS-6a	0	[8]	31
Ce-144(n,5n)Ce-140	TALYS-6a	0		22
Ce-144(n,6n)Ce-139g	TALYS-6a	0		14
Ce-144(n,6n)Ce-139m	TALYS-6a	0		14
Ce-144(n,2nt)La-140	TALYS-6a	0	[8]	25
Ce-144(n,4np)La-140	TALYS-6a	0	[8]	18
Ce-144(n,3nd)La-140	TALYS-6a	0	[8]	20
Ce-144(n,2npa)Cs-138g	TALYS-6a	0		24
Ce-144(n,2npa)Cs-138m	TALYS-6a	0		24
Ce-144(n,7n)Ce-138	TALYS-6a	0		11
Ce-144(n,8n)Ce-137g	TALYS-6a	0		6
Ce-144(n,8n)Ce-137m	TALYS-6a	0		6
Ce-144(n,5np)La-139	TALYS-6a	0		15
Ce-144(n,6np)La-138	TALYS-6a	0	[8]	10
Ce-144(n,7np)La-137	TALYS-6a	0		7
Ce-144(n,4na)Ba-137g	TALYS-6a	0		23
Ce-144(n,4na)Ba-137m	TALYS-6a	0		22
Ce-144(n,5na)Ba-136g	TALYS-6a	0		16
Ce-144(n,5na)Ba-136m	TALYS-6a	0		15
Ce-144(n,6na)Ba-135g	TALYS-6a	0		11
Ce-144(n,6na)Ba-135m	TALYS-6a	0		11
Ce-144(n,7na)Ba-134	TALYS-6a	0	[8]	8
Ce-144(n,4nd)La-139	TALYS-6a	0	[8]	15
Ce-144(n,5nd)La-138	TALYS-6a	0	[8]	11
Ce-144(n,6nd)La-137	TALYS-6a	0	[8]	7
Ce-144(n,3nt)La-139	TALYS-6a	0	[8]	20
Ce-144(n,4nt)La-138	TALYS-6a	0	[8]	14
Ce-144(n,5nt)La-137	TALYS-6a	0	[8]	10
Ce-144(n,6nt)La-136g	TALYS-6a	0	[4,8]	5
Ce-144(n,6nt)La-136m	TALYS-6a	0	[4,7,8,8]	4
Ce-144(n,2nh)Ba-140	TALYS-6a	0	[8]	22
Ce-144(n,3nh)Ba-139	TALYS-6a	0	[8]	16
Ce-144(n,4nh)Ba-138	TALYS-6a	0	[8]	13
Ce-144(n,3n2p)Ba-140	TALYS-6a	0	[8]	15
Ce-144(n,3n2a)Xe-134g	TALYS-6a	0		20
Ce-144(n,3n2a)Xe-134m	TALYS-6a	0		18
Ce-144(n,3npa)Cs-137	TALYS-6a	0	[8]	20
Ce-144(n,n'pd)Ba-141	TALYS-6a	0	[8]	20
Ce-144(n,n'pt)Ba-140	TALYS-6a	0	[8]	21
Ce-144(n,n'ta)Cs-137	TALYS-6a	0	[8]	27
Ce-144(n,2n2p)Ba-141	TALYS-6a	0	[8]	18
Ce-144(n,4n2p)Ba-139	TALYS-6a	0	[8]	12
Ce-144(n,4n2a)Xe-133g	TALYS-6a	0		13
Ce-144(n,4n2a)Xe-133m	TALYS-6a	0		13
Ce-144(n,4npa)Cs-136g	TALYS-6a	0	[4,8]	13
Ce-144(n,4npa)Cs-136m	TALYS-6a	0	[4,7,8,8]	12
Ce-144(n,5n2p)Ba-138	TALYS-6a	0	[8]	10
Pr-141(n,2nd)Ce-138	TALYS-6a	0	[8]	25
Pr-141(n,2n)Pr-140	JENDL-3.3	5	[13,3]	902
Pr-141(n,3n)Pr-139	ADL-3	4	[13,4]	29
Pr-141(n,n'a)La-137	TALYS-6a	0	[8]	61
Pr-141(n,2na)La-136g	TALYS-6a	0	[4,8]	33
Pr-141(n,2na)La-136m	TALYS-6a	0	[4,7,8,8]	32
Pr-141(n,3na)La-135	TALYS-6a	0	[8]	25
Pr-141(n,n'p)Ce-140	TALYS-6a	0	[8]	55
Pr-141(n,n'2a)Cs-133	TALYS-6a	0	[8]	33
Pr-141(n,2n2a)Cs-132	TALYS-6a	0	[8]	22
Pr-141(n,n'd)Ce-139g	TALYS-6a	0		34
Pr-141(n,n'd)Ce-139m	TALYS-6a	0		32
Pr-141(n,n't)Ce-138	TALYS-6a	0	[8]	31
Pr-141(n,n'h)La-138	TALYS-6a	0	[8]	27
Pr-141(n,4n)Pr-138g	TALYS-6a	0		19
Pr-141(n,4n)Pr-138m	TALYS-6a	0		19
Pr-141(n,2np)Ce-139g	TALYS-6a	0		31
Pr-141(n,2np)Ce-139m	TALYS-6a	0		30
Pr-141(n,3np)Ce-138	TALYS-6a	0		24
Pr-141(n,n'2p)La-139	TALYS-6a	0	[8]	30
Pr-141(n,n'pa)Ba-136g	TALYS-6a	0		34
Pr-141(n,n'pa)Ba-136m	TALYS-6a	0		30
>Pr-141(n,g)Pr-142g	JEF-2.2	2	[13,4,6,2]	19191
>Pr-141(n,g)Pr-142m	JEF-2.2	2	[13,4,6,2]	19191
Pr-141(n,p)Ce-141	TALYS-5	4	[3]	100
Pr-141(n,d)Ce-140	TALYS-5a	0	[8]	64
>Pr-141(n,t)Ce-139g	TALYS-5a	1		48
>Pr-141(n,t)Ce-139m	TALYS-5a	0		45
Pr-141(n,h)La-139	TALYS-5a	0	[8]	41
Pr-141(n,a)La-138	TALYS-5	2	[9,3,3]	18961
Pr-141(n,2a)Cs-134g	TALYS-6a	0		100
Pr-141(n,2a)Cs-134m	TALYS-6a	0		100
Pr-141(n,2p)La-140	TALYS-5	1	[8]	37
Pr-141(n,pa)Ba-137g	TALYS-6a	0		100
Pr-141(n,pa)Ba-137m	TALYS-6a	0		50
Pr-141(n,pd)La-139	TALYS-6a	0	[8]	31
Pr-141(n,pt)La-138	TALYS-6a	0	[8]	28
Pr-141(n,da)Ba-136g	TALYS-6a	0		36
Pr-141(n,da)Ba-136m	TALYS-6a	0		31
Pr-141(n,5n)Pr-137	TALYS-6a	0		14
Pr-141(n,6n)Pr-136	TALYS-6a	0		9
Pr-141(n,2nt)Ce-137g	TALYS-6a	0		21
Pr-141(n,2nt)Ce-137m	TALYS-6a	0		21
Pr-141(n,ta)Ba-135g	TALYS-6a	0		30
Pr-141(n,ta)Ba-135m	TALYS-6a	0		30
Pr-141(n,4np)Ce-137g	TALYS-6a	0		15
Pr-141(n,4np)Ce-137m	TALYS-6a	0		15
Pr-141(n,3nd)Ce-137g	TALYS-6a	0		16
Pr-141(n,3nd)Ce-137m	TALYS-6a	0		16
Pr-141(n,n'da)Ba-135g	TALYS-6a	0		24
Pr-141(n,n'da)Ba-135m	TALYS-6a	0		24
Pr-141(n,2npa)Ba-135g	TALYS-6a	0		23
Pr-141(n,2npa)Ba-135m	TALYS-6a	0		23
Pr-141(n,7n)Pr-135	TALYS-6a	0		5
Pr-141(n,5np)Ce-136	TALYS-6a	0	[8]	11
Pr-141(n,6np)Ce-135g	TALYS-6a	0		6
Pr-141(n,6np)Ce-135m	TALYS-6a	0		6
Pr-141(n,4na)La-134	TALYS-6a	0	[8]	16
Pr-141(n,5na)La-133	TALYS-6a	0	[8]	11
Pr-141(n,6na)La-132g	TALYS-6a	0		6
Pr-141(n,6na)La-132m	TALYS-6a	0		6
Pr-141(n,4nd)Ce-136	TALYS-6a	0	[8]	12
Pr-141(n,5nd)Ce-135g	TALYS-6a	0		7
Pr-141(n,5nd)Ce-135m	TALYS-6a	0		7
Pr-141(n,3nt)Ce-136	TALYS-6a	0	[8]	15
Pr-141(n,4nt)Ce-135g	TALYS-6a	0		10
Pr-141(n,4nt)Ce-135m	TALYS-6a	0		10
Pr-141(n,5nt)Ce-134	TALYS-6a	0	[8]	6
Pr-141(n,2nh)La-137	TALYS-6a	0	[8]	20
Pr-141(n,3nh)La-136g	TALYS-6a	0	[4,8]	14
Pr-141(n,3nh)La-136m	TALYS-6a	0	[4,7,8,8]	13
Pr-141(n,4nh)La-135	TALYS-6a	0	[8]	10
Pr-141(n,3n2p)La-137	TALYS-6a	0	[8]	15
Pr-141(n,3n2a)Cs-131	TALYS-6a	0	[8]	16
Pr-141(n,3npa)Ba-134	TALYS-6a	0	[8]	16
Pr-141(n,n'pd)La-138	TALYS-6a	0	[8]	22
Pr-141(n,n'pt)La-137	TALYS-6a	0	[8]	20
Pr-141(n,n'dt)La-136g	TALYS-6a	0	[4,8]	14
Pr-141(n,n'dt)La-136m	TALYS-6a	0	[4,7,8,8]	13
Pr-141(n,n'ph)Ba-137g	TALYS-6a	0		17
Pr-141(n,n'ph)Ba-137m	TALYS-6a	0		16
Pr-141(n,n'ta)Ba-134	TALYS-6a	0	[8]	23
Pr-141(n,2n2p)La-138	TALYS-6a	0	[8]	20
Pr-141(n,4n2p)La-136g	TALYS-6a	0	[4,8]	10
Pr-141(n,4n2p)La-136m	TALYS-6a	0	[4,7,8,8]	9
Pr-141(n,4n2a)Cs-130g	TALYS-6a	0		10
Pr-141(n,4n2a)Cs-130m	TALYS-6a	0		10
Pr-141(n,4npa)Ba-133g	TALYS-6a	0		11
Pr-141(n,4npa)Ba-133m	TALYS-6a	0		11
Pr-142(n,n')Pr-142m	TALYS-6a	0		94
Pr-142(n,2nd)Ce-139g	TALYS-6a	0		27
Pr-142(n,2nd)Ce-139m	TALYS-6a	0		26
Pr-142(n,2n)Pr-141	TALYS-6a	0		56
Pr-142(n,3n)Pr-140	TALYS-6a	0		31
Pr-142(n,n'a)La-138	TALYS-6a	0		100
Pr-142(n,2na)La-137	TALYS-6a	0	[8]	40
Pr-142(n,3na)La-136g	TALYS-6a	0	[4,8]	26
Pr-142(n,3na)La-136m	TALYS-6a	0	[4,7,8,8]	25
Pr-142(n,n'p)Ce-141	TALYS-6a	0	[8]	53
Pr-142(n,n'2a)Cs-134g	TALYS-6a	0		34
Pr-142(n,n'2a)Cs-134m	TALYS-6a	0		34
Pr-142(n,2n2a)Cs-133	TALYS-6a	0	[8]	26
Pr-142(n,n'd)Ce-140	TALYS-6a	0	[8]	41
Pr-142(n,n't)Ce-139g	TALYS-6a	0		34
Pr-142(n,n't)Ce-139m	TALYS-6a	0		32
Pr-142(n,n'h)La-139	TALYS-6a	0	[8]	30
Pr-142(n,4n)Pr-139	TALYS-6a	0		23
Pr-142(n,2np)Ce-140	TALYS-6a	0	[8]	38
Pr-142(n,3np)Ce-139g	TALYS-6a	0		25
Pr-142(n,3np)Ce-139m	TALYS-6a	0		24
Pr-142(n,n'2p)La-140	TALYS-6a	0	[8]	28
Pr-142(n,n'pa)Ba-137g	TALYS-6a	0		36
Pr-142(n,n'pa)Ba-137m	TALYS-6a	0		35
>Pr-142(n,g)Pr-143	TALYS-5a	2		100
Pr-142(n,p)Ce-142	TALYS-6a	0	[2]	100
Pr-142(n,d)Ce-141	TALYS-6a	0	[8]	62
Pr-142(n,t)Ce-140	TALYS-6a	0	[8]	64
Pr-142(n,h)La-140	TALYS-6a	0	[8]	39
Pr-142(n,a)La-139	TALYS-6a	0	[2]	100
Pr-142(n,2a)Cs-135g	TALYS-6a	0		100
Pr-142(n,2a)Cs-135m	TALYS-6a	0		100
Pr-142(n,2p)La-141	TALYS-6a	0	[8]	39
Pr-142(n,pa)Ba-138	TALYS-6a	0		100
Pr-142(n,pd)La-140	TALYS-6a	0	[8]	30
Pr-142(n,pt)La-139	TALYS-6a	0	[8]	31
Pr-142(n,da)Ba-137g	TALYS-6a	0		39
Pr-142(n,da)Ba-137m	TALYS-6a	0		38
Pr-142(n,5n)Pr-138g	TALYS-6a	0		15
Pr-142(n,5n)Pr-138m	TALYS-6a	0		15
Pr-142(n,6n)Pr-137	TALYS-6a	0		11
Pr-142(n,2nt)Ce-138	TALYS-6a	0	[8]	25
Pr-142(n,ta)Ba-136g	TALYS-6a	0		36
Pr-142(n,ta)Ba-136m	TALYS-6a	0		32
Pr-142(n,4np)Ce-138	TALYS-6a	0	[8]	18
Pr-142(n,3nd)Ce-138	TALYS-6a	0	[8]	19
Pr-142(n,n'da)Ba-136g	TALYS-6a	0		28
Pr-142(n,n'da)Ba-136m	TALYS-6a	0		25
Pr-142(n,2npa)Ba-136g	TALYS-6a	0		26
Pr-142(n,2npa)Ba-136m	TALYS-6a	0		24
Pr-142(n,7n)Pr-136	TALYS-6a	0		6
Pr-142(n,5np)Ce-137g	TALYS-6a	0		12
Pr-142(n,5np)Ce-137m	TALYS-6a	0		12
Pr-142(n,6np)Ce-136	TALYS-6a	0		9
Pr-142(n,4na)La-135	TALYS-6a	0	[8]	18
Pr-142(n,5na)La-134	TALYS-6a	0	[8]	12
Pr-142(n,6na)La-133	TALYS-6a	0	[8]	8
Pr-142(n,4nd)Ce-137g	TALYS-6a	0		13
Pr-142(n,4nd)Ce-137m	TALYS-6a	0		13
Pr-142(n,5nd)Ce-136	TALYS-6a	0	[8]	9
Pr-142(n,3nt)Ce-137g	TALYS-6a	0		16
Pr-142(n,3nt)Ce-137m	TALYS-6a	0		16
Pr-142(n,4nt)Ce-136	TALYS-6a	0	[8]	12
Pr-142(n,5nt)Ce-135g	TALYS-6a	0		7
Pr-142(n,5nt)Ce-135m	TALYS-6a	0		7
Pr-142(n,2nh)La-138	TALYS-6a	0	[8]	22
Pr-142(n,3nh)La-137	TALYS-6a	0	[8]	16
Pr-142(n,4nh)La-136g	TALYS-6a	0	[4,8]	11
Pr-142(n,4nh)La-136m	TALYS-6a	0	[4,7,8,8]	10
Pr-142(n,3n2p)La-138	TALYS-6a	0	[8]	15

Pr-142(n,3n2a)Cs-132	TALYS-6a	0 [8]		16
Pr-142(n,3npa)Ba-135g	TALYS-6a	0		17
Pr-142(n,3npa)Ba-135m	TALYS-6a	0		17
Pr-142(n,n'pd)La-139	TALYS-6a	0 [8]		25
Pr-142(n,n'pt)La-138	TALYS-6a	0 [8]		22
Pr-142(n,n'dt)La-137	TALYS-6a	0 [8]		16
Pr-142(n,n'ta)Ba-135g	TALYS-6a	0		24
Pr-142(n,n'ta)Ba-135m	TALYS-6a	0		24
Pr-142(n,2n2p)La-139	TALYS-6a	0 [8]		23
Pr-142(n,4n2p)La-137	TALYS-6a	0 [8]		12
Pr-142(n,4n2a)Cs-131	TALYS-6a	0 [8]		12
Pr-142(n,4npa)Ba-134	TALYS-6a	0 [8]		13
Pr-142(n,5n2p)La-136g	TALYS-6a	0 [4,8]		7
Pr-142(n,5n2p)La-136m	TALYS-6a	0 [4,7,8,8]		6
Pr-143(n,2nd)Ce-140	TALYS-6a	0 [8]		29
Pr-143(n,2n)Pr-142g	TALYS-6a	0		48
Pr-143(n,2n)Pr-142m	TALYS-6a	0		48
Pr-143(n,3n)Pr-141	TALYS-6a	0		35
Pr-143(n,n'a)La-139	TALYS-6a	0		100
Pr-143(n,2na)La-138	TALYS-6a	0 [8]		40
Pr-143(n,3na)La-137	TALYS-6a	0 [8]		28
Pr-143(n,n'p)Ce-142	TALYS-6a	0 [8]		52
Pr-143(n,n'2a)Cs-135g	TALYS-6a	0		38
Pr-143(n,n'2a)Cs-135m	TALYS-6a	0		34
Pr-143(n,2n2a)Cs-134g	TALYS-6a	0		25
Pr-143(n,2n2a)Cs-134m	TALYS-6a	0		25
Pr-143(n,n'd)Ce-141	TALYS-6a	0 [8]		37
Pr-143(n,n't)Ce-140	TALYS-6a	0 [8]		38
Pr-143(n,n'h)La-140	TALYS-6a	0 [8]		28
Pr-143(n,4n)Pr-140	TALYS-6a	0		24
Pr-143(n,2np)Ce-141	TALYS-6a	0 [8]		34
Pr-143(n,3np)Ce-140	TALYS-6a	0 [8]		27
Pr-143(n,n'2p)La-141	TALYS-6a	0 [8]		27
Pr-143(n,n'pa)Ba-138	TALYS-6a	0 [8]		39
>Pr-143(n,g)Pr-144g	TALYS-6a	0		100
>Pr-143(n,g)Pr-144m	TALYS-6a	0		100
Pr-143(n,p)Ce-143	TALYS-6a	0 [2,8]		78
Pr-143(n,d)Ce-142	TALYS-6a	0 [8]		61
Pr-143(n,t)Ce-141	TALYS-6a	0 [8]		55
Pr-143(n,h)La-141	TALYS-6a	0 [8]		38
Pr-143(n,a)La-140	TALYS-6a	0 [2]		100
Pr-143(n,2p)La-142	TALYS-6a	0 [8]		34
Pr-143(n,pa)Ba-139	TALYS-6a	0		100
Pr-143(n,pd)La-141	TALYS-6a	0 [8]		29
Pr-143(n,da)Ba-138	TALYS-6a	0 [8]		42
Pr-143(n,5n)Pr-139	TALYS-6a	0		16
Pr-143(n,6n)Pr-138g	TALYS-6a	0		11
Pr-143(n,6n)Pr-138m	TALYS-6a	0		11
Pr-143(n,2nt)Ce-139g	TALYS-6a	0		25
Pr-143(n,2nt)Ce-139m	TALYS-6a	0		24
Pr-143(n,4np)Ce-139g	TALYS-6a	0		18
Pr-143(n,4np)Ce-139m	TALYS-6a	0		17
Pr-143(n,3nd)Ce-139g	TALYS-6a	0		19
Pr-143(n,3nd)Ce-139m	TALYS-6a	0		19
Pr-143(n,n'da)Ba-137g	TALYS-6a	0		28
Pr-143(n,n'da)Ba-137m	TALYS-6a	0		27
Pr-143(n,2npa)Ba-137g	TALYS-6a	0		26
Pr-143(n,2npa)Ba-137m	TALYS-6a	0		25
Pr-143(n,7n)Pr-137	TALYS-6a	0		7
Pr-143(n,5np)Ce-138	TALYS-6a	0 [8]		13
Pr-143(n,6np)Ce-137g	TALYS-6a	0		9
Pr-143(n,6np)Ce-137m	TALYS-6a	0		9
Pr-143(n,4na)La-136g	TALYS-6a	0 [4,8]		18
Pr-143(n,4na)La-136m	TALYS-6a	0 [4,7,8,8]		17
Pr-143(n,5na)La-135	TALYS-6a	0 [8]		14
Pr-143(n,6na)La-134	TALYS-6a	0 [8]		9
Pr-143(n,4nd)Ce-138	TALYS-6a	0 [8]		14
Pr-143(n,5nd)Ce-137g	TALYS-6a	0		9
Pr-143(n,5nd)Ce-137m	TALYS-6a	0		9
Pr-143(n,6nd)Ce-136	TALYS-6a	0		6
Pr-143(n,3nt)Ce-138	TALYS-6a	0 [8]		17
Pr-143(n,4nt)Ce-137g	TALYS-6a	0		12
Pr-143(n,4nt)Ce-137m	TALYS-6a	0		12
Pr-143(n,5nt)Ce-136	TALYS-6a	0 [8]		8
Pr-143(n,2nh)La-139	TALYS-6a	0 [8]		23
Pr-143(n,3nh)La-138	TALYS-6a	0 [8]		15
Pr-143(n,4nh)La-137	TALYS-6a	0 [8]		12
Pr-143(n,3n2p)La-139	TALYS-6a	0 [8]		16
Pr-143(n,3n2a)Cs-133	TALYS-6a	0 [8]		18
Pr-143(n,3npa)Ba-136g	TALYS-6a	0		18
Pr-143(n,3npa)Ba-136m	TALYS-6a	0		16
Pr-143(n,n'pd)La-140	TALYS-6a	0 [8]		22
Pr-143(n,n'pt)La-139	TALYS-6a	0 [8]		23
Pr-143(n,n'dt)La-138	TALYS-6a	0 [8]		16
Pr-143(n,n'ta)Ba-136g	TALYS-6a	0		26
Pr-143(n,n'ta)Ba-136m	TALYS-6a	0		24
Pr-143(n,2n2p)La-140	TALYS-6a	0 [8]		21
Pr-143(n,4n2p)La-138	TALYS-6a	0 [8]		12
Pr-143(n,4n2a)Cs-132	TALYS-6a	0 [8]		12
Pr-143(n,4npa)Ba-135g	TALYS-6a	0		13
Pr-143(n,4npa)Ba-135m	TALYS-6a	0		13
Pr-143(n,5n2p)La-137	TALYS-6a	0 [8]		8
Nd-140(n,2nd)Pr-137	TALYS-6a	0 [8]		22
Nd-140(n,2n)Nd-139g	TALYS-6a	0		40
Nd-140(n,2n)Nd-139m	TALYS-6a	0		40
Nd-140(n,3n)Nd-138	TALYS-6a	0		28
Nd-140(n,n'a)Ce-136	TALYS-6a	0 [8]		65
Nd-140(n,n'3a)Xe-128	TALYS-6a	0 [8]		21
Nd-140(n,2na)Ce-135g	TALYS-6a	0		33
Nd-140(n,2na)Ce-135m	TALYS-6a	0		32
Nd-140(n,3na)Ce-134	TALYS-6a	0 [8]		24
Nd-140(n,n'p)Pr-139	TALYS-6a	0 [8]		46
Nd-140(n,n'2a)Ba-132	TALYS-6a	0 [8]		39
Nd-140(n,2n2a)Ba-131g	TALYS-6a	0		25
Nd-140(n,2n2a)Ba-131m	TALYS-6a	0		25
Nd-140(n,n'd)Pr-138g	TALYS-6a	0		30
Nd-140(n,n'd)Pr-138m	TALYS-6a	0		30
Nd-140(n,n't)Pr-137	TALYS-6a	0 [8]		28
Nd-140(n,n'h)Ce-137g	TALYS-6a	0		28

Nd-140(n,n'h)Ce-137m	TALYS-6a	0		28
Nd-140(n,4n)Nd-137g	TALYS-6a	0		17
Nd-140(n,4n)Nd-137m	TALYS-6a	0		17
Nd-140(n,2np)Pr-138g	TALYS-6a	0		29
Nd-140(n,2np)Pr-138m	TALYS-6a	0		28
Nd-140(n,3np)Pr-137	TALYS-6a	0 [8]		21
Nd-140(n,n'2p)Ce-138	TALYS-6a	0 [8]		32
Nd-140(n,n'pa)La-135	TALYS-6a	0 [8]		33
Nd-140(n,g)Nd-141g	MASGAM	0 [14,13,4,6]		83
Nd-140(n,g)Nd-141m	MASGAM	0 [14,7,13,4,6]		83
Nd-140(n,p)Pr-140	TALYS-6a	0 [2]		100
Nd-140(n,d)Pr-139	TALYS-6a	0 [8]		55
Nd-140(n,t)Pr-138g	TALYS-6a	0		41
Nd-140(n,t)Pr-138m	TALYS-6a	0		40
Nd-140(n,h)Ce-138	TALYS-6a	0 [8]		46
Nd-140(n,a)Ce-137g	TALYS-6a	0 [2]		100
Nd-140(n,a)Ce-137m	TALYS-6a	0 [2]		100
Nd-140(n,2a)Ba-133g	TALYS-6a	0		100
Nd-140(n,2a)Ba-133m	TALYS-6a	0		100
Nd-140(n,2p)Ce-139g	TALYS-6a	0		51
Nd-140(n,2p)Ce-139m	TALYS-6a	0		47
Nd-140(n,pa)La-136g	TALYS-6a	0 [4,8]		53
Nd-140(n,pa)La-136m	TALYS-6a	0 [4,7,8,8]		52
Nd-140(n,pd)Ce-138	TALYS-6a	0 [8]		35
Nd-140(n,pt)Ce-137g	TALYS-6a	0		29
Nd-140(n,pt)Ce-137m	TALYS-6a	0		29
Nd-140(n,da)La-135	TALYS-6a	0 [8]		35
Nd-140(n,5n)Nd-136	TALYS-6a	0		13
Nd-140(n,6n)Nd-135g	TALYS-6a	0		7
Nd-140(n,6n)Nd-135m	TALYS-6a	0		7
Nd-140(n,2nt)Pr-136	TALYS-6a	0 [8]		18
Nd-140(n,ta)La-134	TALYS-6a	0 [8]		29
Nd-140(n,4np)Pr-136	TALYS-6a	0		14
Nd-140(n,3nd)Pr-136	TALYS-6a	0		14
Nd-140(n,n'da)La-134	TALYS-6a	0 [8]		23
Nd-140(n,2npa)La-134	TALYS-6a	0 [8]		22
Nd-140(n,5np)Pr-135	TALYS-6a	0 [8]		9
Nd-140(n,4na)Ce-133g	TALYS-6a	0		15
Nd-140(n,4na)Ce-133m	TALYS-6a	0		15
Nd-140(n,5na)Ce-132	TALYS-6a	0 [8]		11
Nd-140(n,4nd)Pr-135	TALYS-6a	0 [8]		10
Nd-140(n,5nd)Pr-134g	TALYS-6a	0 [4,8,7,8]		5
Nd-140(n,5nd)Pr-134m	TALYS-6a	0 [4,7,8,8]		4
Nd-140(n,3nt)Pr-135	TALYS-6a	0 [8]		13
Nd-140(n,4nt)Pr-134g	TALYS-6a	0 [4,8,7,8]		7
Nd-140(n,4nt)Pr-134m	TALYS-6a	0 [4,7,8,8]		6
Nd-140(n,2nh)Ce-136	TALYS-6a	0 [8]		21
Nd-140(n,3nh)Ce-135g	TALYS-6a	0		14
Nd-140(n,3nh)Ce-135m	TALYS-6a	0		14
Nd-140(n,4nh)Ce-134	TALYS-6a	0 [8]		10
Nd-140(n,3n2p)Ce-136	TALYS-6a	0 [8]		15
Nd-140(n,3n2a)Ba-130	TALYS-6a	0 [8]		17
Nd-140(n,3npa)La-133	TALYS-6a	0 [8]		15
Nd-140(n,dt)Ce-136	TALYS-6a	0 [8]		22
Nd-140(n,n'pd)Ce-137g	TALYS-6a	0		23
Nd-140(n,n'pd)Ce-137m	TALYS-6a	0		23
Nd-140(n,n'pt)Ce-136	TALYS-6a	0 [8]		21
Nd-140(n,n'dt)Ce-135g	TALYS-6a	0		14
Nd-140(n,n'dt)Ce-135m	TALYS-6a	0		14
Nd-140(n,n'ph)La-136g	TALYS-6a	0 [4,8]		17
Nd-140(n,n'ph)La-136m	TALYS-6a	0 [4,7,8,8]		16
Nd-140(n,n'dh)La-135	TALYS-6a	0 [8]		13
Nd-140(n,n'ta)La-133	TALYS-6a	0 [8]		21
Nd-140(n,2n2p)Ce-137g	TALYS-6a	0		22
Nd-140(n,2n2p)Ce-137m	TALYS-6a	0		22
Nd-140(n,ph)La-137	TALYS-6a	0 [8]		27
Nd-140(n,4n2p)Ce-135g	TALYS-6a	0		10
Nd-140(n,4n2p)Ce-135m	TALYS-6a	0		10
Nd-140(n,4n2a)Ba-129g	TALYS-6a	0		11
Nd-140(n,4n2a)Ba-129m	TALYS-6a	0		11
Nd-140(n,4npa)La-132g	TALYS-6a	0		10
Nd-140(n,4npa)La-132m	TALYS-6a	0		10
Nd-140(n,n'3p)La-137	TALYS-6a	0 [8]		20
Nd-140(n,3n2pa)Ba-132	TALYS-6a	0 [8]		11
Nd-140(n,5n2p)Ce-134	TALYS-6a	0 [8]		6
Nd-141(n,n')Nd-141m	TALYS-6a	0		83
Nd-141(n,2nd)Pr-138g	TALYS-6a	0		22
Nd-141(n,2nd)Pr-138m	TALYS-6a	0		22
Nd-141(n,2n)Nd-140	TALYS-6a	0		46
Nd-141(n,3n)Nd-139g	TALYS-6a	0		28
Nd-141(n,3n)Nd-139m	TALYS-6a	0		28
Nd-141(n,n'a)Ce-137g	TALYS-6a	0		63
Nd-141(n,n'a)Ce-137m	TALYS-6a	0		61
Nd-141(n,2na)Ce-136	TALYS-6a	0 [8]		37
Nd-141(n,3na)Ce-135g	TALYS-6a	0		24
Nd-141(n,3na)Ce-135m	TALYS-6a	0		24
Nd-141(n,n'p)Pr-140	TALYS-6a	0 [8]		47
Nd-141(n,n'2a)Ba-133g	TALYS-6a	0		37
Nd-141(n,n'2a)Ba-133m	TALYS-6a	0		36
Nd-141(n,2n2a)Ba-132	TALYS-6a	0 [8]		27
Nd-141(n,n'd)Pr-139	TALYS-6a	0 [8]		33
Nd-141(n,n't)Pr-138g	TALYS-6a	0		28
Nd-141(n,n't)Pr-138m	TALYS-6a	0		28
Nd-141(n,n'h)Ce-138	TALYS-6a	0 [8]		30
Nd-141(n,4n)Nd-138	TALYS-6a	0		20
Nd-141(n,2np)Pr-139	TALYS-6a	0 [8]		31
Nd-141(n,3np)Pr-138g	TALYS-6a	0		21
Nd-141(n,3np)Pr-138m	TALYS-6a	0		21
Nd-141(n,n'2p)Ce-139g	TALYS-6a	0		31
Nd-141(n,n'2p)Ce-139m	TALYS-6a	0		31
Nd-141(n,n'pa)La-136g	TALYS-6a	0 [4,8]		32
Nd-141(n,n'pa)La-136m	TALYS-6a	0 [4,7,8,8]		31
Nd-141(n,g)Nd-142	MASGAM	0 [14,13]		83
Nd-141(n,p)Pr-141	TALYS-6a	0 [2]		100
Nd-141(n,d)Pr-140	TALYS-6a	0 [8]		56
Nd-141(n,t)Pr-139	TALYS-6a	0 [8]		45
Nd-141(n,h)Ce-139g	TALYS-6a	0		44
Nd-141(n,h)Ce-139m	TALYS-6a	0		43
Nd-141(n,a)Ce-138	TALYS-6a	0 [2]		100

Reaction	Library				Reaction	Library		
Nd-141(n,2a)Ba-134	TALYS-6a	0		100	Nd-142(n,5na)Ce-134	TALYS-6a	0 [8]	11
Nd-141(n,2p)Ce-140	TALYS-6a	0 [8]		58	Nd-142(n,4nd)Pr-137	TALYS-6a	0	11
Nd-141(n,pa)La-137	TALYS-6a	0		100	Nd-142(n,5nd)Pr-136	TALYS-6a	0	6
Nd-141(n,pd)Ce-139g	TALYS-6a	0		34	Nd-142(n,3nt)Pr-137	TALYS-6a	0 [8]	13
Nd-141(n,pd)Ce-139m	TALYS-6a	0		32	Nd-142(n,4nt)Pr-136	TALYS-6a	0 [8]	8
Nd-141(n,pt)Ce-138	TALYS-6a	0 [8]		31	Nd-142(n,2nh)Ce-138	TALYS-6a	0 [8]	20
Nd-141(n,da)La-136g	TALYS-6a	0 [4,8]		33	Nd-142(n,3nh)Ce-137g	TALYS-6a	0	14
Nd-141(n,da)La-136m	TALYS-6a	0 [4,7,8,8]		32	Nd-142(n,3nh)Ce-137m	TALYS-6a	0	14
Nd-141(n,5n)Nd-137g	TALYS-6a	0		13	Nd-142(n,4nh)Ce-136	TALYS-6a	0 [8]	10
Nd-141(n,5n)Nd-137m	TALYS-6a	0		13	Nd-142(n,3n2p)Ce-138	TALYS-6a	0 [8]	15
Nd-141(n,6n)Nd-136	TALYS-6a	0		9	Nd-142(n,3n2a)Ba-132	TALYS-6a	0 [8]	16
Nd-141(n,2nt)Pr-137	TALYS-6a	0 [8]		20	Nd-142(n,3npa)La-135	TALYS-6a	0 [8]	15
Nd-141(n,ta)La-135	TALYS-6a	0 [8]		31	Nd-142(n,n'pd)Ce-139g	TALYS-6a	0	23
Nd-141(n,4np)Pr-137	TALYS-6a	0		15	Nd-142(n,n'pd)Ce-139m	TALYS-6a	0	22
Nd-141(n,3nd)Pr-137	TALYS-6a	0		16	Nd-142(n,n'pt)Ce-138	TALYS-6a	0 [8]	21
Nd-141(n,n'da)La-135	TALYS-6a	0 [8]		25	Nd-142(n,n'dt)Ce-137g	TALYS-6a	0	14
Nd-141(n,2npa)La-135	TALYS-6a	0 [8]		24	Nd-142(n,n'dt)Ce-137m	TALYS-6a	0	14
Nd-141(n,5np)Pr-136	TALYS-6a	0		10	Nd-142(n,n'ph)La-138	TALYS-6a	0 [8]	16
Nd-141(n,6np)Pr-135	TALYS-6a	0		6	Nd-142(n,n'ta)La-135	TALYS-6a	0 [8]	21
Nd-141(n,4na)Ce-134	TALYS-6a	0 [8]		16	Nd-142(n,2n2p)Ce-139g	TALYS-6a	0	21
Nd-141(n,5na)Ce-133g	TALYS-6a	0		11	Nd-142(n,2n2p)Ce-139m	TALYS-6a	0	20
Nd-141(n,5na)Ce-133m	TALYS-6a	0		11	Nd-142(n,4n2p)Ce-137g	TALYS-6a	0	10
Nd-141(n,6na)Ce-132	TALYS-6a	0 [8]		7	Nd-142(n,4n2p)Ce-137m	TALYS-6a	0	10
Nd-141(n,4nd)Pr-136	TALYS-6a	0 [8]		10	Nd-142(n,4n2a)Ba-131g	TALYS-6a	0	11
Nd-141(n,5nd)Pr-135	TALYS-6a	0 [8]		6	Nd-142(n,4n2a)Ba-131m	TALYS-6a	0	11
Nd-141(n,3nt)Pr-136	TALYS-6a	0 [8]		13	Nd-142(n,4npa)La-134	TALYS-6a	0 [8]	10
Nd-141(n,4nt)Pr-135	TALYS-6a	0 [8]		9	Nd-142(n,5n2p)Ce-136	TALYS-6a	0 [8]	6
Nd-141(n,2nh)Ce-137g	TALYS-6a	0		21	Nd-143(n,2nd)Pr-140	TALYS-6a	0 [8]	24
Nd-141(n,2nh)Ce-137m	TALYS-6a	0		20	Nd-143(n,2n)Nd-142	TALYS-6a	0	55
Nd-141(n,3nh)Ce-136	TALYS-6a	0 [8]		15	Nd-143(n,3n)Nd-141g	TALYS-6a	0	30
Nd-141(n,4nh)Ce-135g	TALYS-6a	0		10	Nd-143(n,3n)Nd-141m	TALYS-6a	0	30
Nd-141(n,4nh)Ce-135m	TALYS-6a	0		10	Nd-143(n,n'a)Ce-139g	TALYS-6a	0	100
Nd-141(n,3n2p)Ce-137g	TALYS-6a	0		15	Nd-143(n,n'a)Ce-139m	TALYS-6a	0	66
Nd-141(n,3n2p)Ce-137m	TALYS-6a	0		15	Nd-143(n,n'3a)Xe-131g	TALYS-6a	0	17
Nd-141(n,3n2a)Ba-131g	TALYS-6a	0		16	Nd-143(n,n'3a)Xe-131m	TALYS-6a	0	18
Nd-141(n,3n2a)Ba-131m	TALYS-6a	0		16	Nd-143(n,2na)Ce-138	TALYS-6a	0 [8]	40
Nd-141(n,3npa)La-134	TALYS-6a	0 [8]		15	Nd-143(n,3na)Ce-137g	TALYS-6a	0	26
Nd-141(n,n'pd)Ce-138	TALYS-6a	0 [8]		25	Nd-143(n,3na)Ce-137m	TALYS-6a	0	26
Nd-141(n,n'pt)Ce-137g	TALYS-6a	0		21	Nd-143(n,n'p)Pr-142g	TALYS-6a	0	45
Nd-141(n,n'pt)Ce-137m	TALYS-6a	0		21	Nd-143(n,n'p)Pr-142m	TALYS-6a	0	45
Nd-141(n,n'dt)Ce-136	TALYS-6a	0 [8]		15	Nd-143(n,n'2a)Ba-135g	TALYS-6a	0	36
Nd-141(n,n'ph)La-137	TALYS-6a	0 [8]		19	Nd-143(n,n'2a)Ba-135m	TALYS-6a	0	36
Nd-141(n,n'dh)La-136g	TALYS-6a	0 [4,8]		13	Nd-143(n,2n2a)Ba-134	TALYS-6a	0 [8]	27
Nd-141(n,n'dh)La-136m	TALYS-6a	0 [4,7,8,8]		12	Nd-143(n,n'd)Pr-141	TALYS-6a	0 [8]	36
Nd-141(n,n'ta)La-134	TALYS-6a	0 [8]		21	Nd-143(n,n't)Pr-140	TALYS-6a	0 [8]	30
Nd-141(n,2n2p)Ce-138	TALYS-6a	0 [8]		24	Nd-143(n,n'h)Ce-140	TALYS-6a	0 [8]	31
Nd-141(n,ph)La-138	TALYS-6a	0 [8]		26	Nd-143(n,4n)Nd-140	TALYS-6a	0	23
Nd-141(n,4n2p)Ce-136	TALYS-6a	0 [8]		11	Nd-143(n,2np)Pr-141	TALYS-6a	0 [8]	33
Nd-141(n,4n2a)Ba-130	TALYS-6a	0 [8]		11	Nd-143(n,3np)Pr-140	TALYS-6a	0 [8]	23
Nd-141(n,4npa)La-133	TALYS-6a	0 [8]		11	Nd-143(n,n'2p)Ce-141	TALYS-6a	0 [8]	29
Nd-141(n,n'3p)La-138	TALYS-6a	0 [8]		19	Nd-143(n,n'pa)La-138	TALYS-6a	0 [8]	33
Nd-142(n,2nd)Pr-139	TALYS-6a	0 [8]		23	Nd-143(n,g)Nd-144	BROND-2.2	4 [14,13]	11525
Nd-142(n,2n)Nd-141g	ADL-3	2 [13,3]		45	Nd-143(n,p)Pr-143	JEF-2.2	2 [12,3]	103
Nd-142(n,2n)Nd-141m	ADL-3	6 [13,3]		44	Nd-143(n,d)Pr-142g	TALYS-6a	0	52
Nd-142(n,3n)Nd-140	TALYS-6a	0		29	Nd-143(n,d)Pr-142m	TALYS-6a	0	52
Nd-142(n,n'a)Ce-138	TALYS-6a	0 [8]		63	Nd-143(n,t)Pr-141	TALYS-6a	0 [8]	52
Nd-142(n,n'3a)Xe-130	TALYS-6a	0 [8]		19	Nd-143(n,h)Ce-141	TALYS-6a	0 [8]	41
Nd-142(n,2na)Ce-137g	TALYS-6a	0		33	Nd-143(n,a)Ce-140	ENDF/B-VII.2	4 [7,13,3,12]	25760
Nd-142(n,2na)Ce-137m	TALYS-6a	0		32	Nd-143(n,2a)Ba-136g	TALYS-6a	0	100
Nd-142(n,3na)Ce-136	TALYS-6a	0 [8]		24	Nd-143(n,2a)Ba-136m	TALYS-6a	0	100
Nd-142(n,n'p)Pr-141	TALYS-6a	0 [8]		45	Nd-143(n,2p)Ce-142	TALYS-6a	0 [8]	43
Nd-142(n,n'2a)Ba-134	TALYS-6a	0 [8]		36	Nd-143(n,pa)La-139	TALYS-6a	0	100
Nd-142(n,2n2a)Ba-133g	TALYS-6a	0		23	Nd-143(n,pd)Ce-141	TALYS-6a	0 [8]	31
Nd-142(n,2n2a)Ba-133m	TALYS-6a	0		23	Nd-143(n,pt)Ce-140	TALYS-6a	0 [8]	32
Nd-142(n,n'd)Pr-140	TALYS-6a	0 [8]		30	Nd-143(n,da)La-138	TALYS-6a	0 [8]	36
Nd-142(n,n't)Pr-139	TALYS-6a	0 [8]		28	Nd-143(n,5n)Nd-139g	TALYS-6a	0	14
Nd-142(n,n'h)Ce-139g	TALYS-6a	0		28	Nd-143(n,5n)Nd-139m	TALYS-6a	0	14
Nd-142(n,n'h)Ce-139m	TALYS-6a	0		27	Nd-143(n,6n)Nd-138	TALYS-6a	0	10
Nd-142(n,4n)Nd-139g	TALYS-6a	0		18	Nd-143(n,2nt)Pr-139	TALYS-6a	0 [8]	22
Nd-142(n,4n)Nd-139m	TALYS-6a	0		18	Nd-143(n,ta)La-137	TALYS-6a	0 [8]	32
Nd-142(n,2np)Pr-140	TALYS-6a	0 [8]		29	Nd-143(n,4np)Pr-139	TALYS-6a	0	16
Nd-142(n,3np)Pr-139	TALYS-6a	0 [8]		21	Nd-143(n,3nd)Pr-139	TALYS-6a	0 [8]	16
Nd-142(n,n'2p)Ce-140	TALYS-6a	0 [8]		31	Nd-143(n,n'da)La-137	TALYS-6a	0 [8]	26
Nd-142(n,n'pa)La-137	TALYS-6a	0 [8]		31	Nd-143(n,2npa)La-137	TALYS-6a	0 [8]	24
>Nd-142(n,g)Nd-143	JEF-2.2	4 [13]		7252	Nd-143(n,7n)Nd-137g	TALYS-6a	0	5
Nd-142(n,p)Pr-142g	TALYS-6a	0 [2]		75	Nd-143(n,7n)Nd-137m	TALYS-6a	0	5
Nd-142(n,p)Pr-142m	JEF-2.2	2 [13,4,7,8]		94	Nd-143(n,5np)Pr-138g	TALYS-6a	0	11
Nd-142(n,d)Pr-141	TALYS-6a	0 [8]		54	Nd-143(n,5np)Pr-138m	TALYS-6a	0	11
Nd-142(n,t)Pr-140	TALYS-6a	0 [8]		41	Nd-143(n,6np)Pr-137	TALYS-6a	0	7
Nd-142(n,h)Ce-140	TALYS-6a	0 [8]		43	Nd-143(n,4na)Ce-136	TALYS-6a	0 [8]	18
Nd-142(n,a)Ce-139g	TALYS-5	2 [9,3,3]		7252	Nd-143(n,5na)Ce-135g	TALYS-6a	0	12
Nd-142(n,a)Ce-139m	TALYS-5	1 [9,3,3]		7252	Nd-143(n,5na)Ce-135m	TALYS-6a	0	12
Nd-142(n,2a)Ba-135g	TALYS-6a	0		100	Nd-143(n,6na)Ce-134	TALYS-6a	0 [8]	8
Nd-142(n,2a)Ba-135m	TALYS-6a	0		100	Nd-143(n,4nd)Pr-138g	TALYS-6a	0	11
Nd-142(n,2p)Ce-141	TALYS-6a	0 [8]		40	Nd-143(n,4nd)Pr-138m	TALYS-6a	0	11
Nd-142(n,pa)La-138	TALYS-6a	0 [8]		48	Nd-143(n,5nd)Pr-137	TALYS-6a	0 [8]	7
Nd-142(n,pd)Ce-140	TALYS-6a	0 [8]		33	Nd-143(n,3nt)Pr-138g	TALYS-6a	0	14
Nd-142(n,pt)Ce-139g	TALYS-6a	0		29	Nd-143(n,3nt)Pr-138m	TALYS-6a	0	14
Nd-142(n,pt)Ce-139m	TALYS-6a	0		28	Nd-143(n,4nt)Pr-137	TALYS-6a	0 [8]	10
Nd-142(n,da)La-137	TALYS-6a	0 [8]		32	Nd-143(n,5nt)Pr-136	TALYS-6a	0 [8]	5
Nd-142(n,5n)Nd-138	TALYS-6a	0		13	Nd-143(n,2nh)Ce-139g	TALYS-6a	0	22
Nd-142(n,6n)Nd-137g	TALYS-6a	0		8	Nd-143(n,2nh)Ce-139m	TALYS-6a	0	21
Nd-142(n,6n)Nd-137m	TALYS-6a	0		8	Nd-143(n,3nh)Ce-138	TALYS-6a	0 [8]	15
Nd-142(n,2nt)Pr-138g	TALYS-6a	0		18	Nd-143(n,4nh)Ce-137g	TALYS-6a	0	11
Nd-142(n,2nt)Pr-138m	TALYS-6a	0		18	Nd-143(n,4nh)Ce-137m	TALYS-6a	0	10
Nd-142(n,ta)La-136g	TALYS-6a	0 [4,8]		28	Nd-143(n,3n2p)Ce-139g	TALYS-6a	0	16
Nd-142(n,ta)La-136m	TALYS-6a	0 [4,7,8,8]		27	Nd-143(n,3n2p)Ce-139m	TALYS-6a	0	15
Nd-142(n,4np)Pr-138g	TALYS-6a	0		14	Nd-143(n,3n2a)Ba-133g	TALYS-6a	0	16
Nd-142(n,4np)Pr-138m	TALYS-6a	0		14	Nd-143(n,3n2a)Ba-133m	TALYS-6a	0	16
Nd-142(n,3nd)Pr-138g	TALYS-6a	0		15	Nd-143(n,3npa)La-136g	TALYS-6a	0 [4,8]	16
Nd-142(n,3nd)Pr-138m	TALYS-6a	0		14	Nd-143(n,3npa)La-136m	TALYS-6a	0 [4,7,8,8]	15
Nd-142(n,n'da)La-136g	TALYS-6a	0 [4,8]		23	Nd-143(n,n'pd)Ce-140	TALYS-6a	0 [8]	26
Nd-142(n,n'da)La-136m	TALYS-6a	0 [4,7,8,8]		22	Nd-143(n,n'pt)Ce-139g	TALYS-6a	0	22
Nd-142(n,2npa)La-136g	TALYS-6a	0 [4,8]		21	Nd-143(n,n'pt)Ce-139m	TALYS-6a	0	21
Nd-142(n,2npa)La-136m	TALYS-6a	0 [4,7,8,8]		20	Nd-143(n,n'dt)Ce-138	TALYS-6a	0 [8]	16
Nd-142(n,7n)Nd-136	TALYS-6a	0		4	Nd-143(n,n'ph)La-139	TALYS-6a	0 [8]	19
Nd-142(n,5np)Pr-137	TALYS-6a	0		10	Nd-143(n,n'ta)La-136g	TALYS-6a	0 [4,8]	22
Nd-142(n,4na)Ce-135g	TALYS-6a	0		15				
Nd-142(n,4na)Ce-135m	TALYS-6a	0		15				

Nd-143(n,n'ta)La-136m	TALYS-6a	0 [4,7,8,8]	21	Nd-145(n,3np)Pr-142m	TALYS-6a	0	24
Nd-143(n,2n2p)Ce-140	TALYS-6a	0 [8]	24	Nd-145(n,n'2p)Ce-143	TALYS-6a	0 [8]	28
Nd-143(n,4n2p)Ce-138	TALYS-6a	0 [8]	12	Nd-145(n,n'pa)La-140	TALYS-6a	0 [8]	34
Nd-143(n,4n2a)Ba-132	TALYS-6a	0 [8]	13	Nd-145(n,g)Nd-146	JEF-2.2	4 [14,13,13,4]	
Nd-143(n,4npa)La-135	TALYS-6a	0 [8]	12	19480			
Nd-143(n,2nd)Pr-141	TALYS-6a	0 [8]	26	Nd-145(n,p)Pr-145	ADL-3	2 [13]	44
Nd-144(n,2n)Nd-143	ADL-3	4 [13,3]	45	Nd-145(n,d)Pr-144g	TALYS-6a	0	48
Nd-144(n,3n)Nd-142	TALYS-6a	0	33	Nd-145(n,d)Pr-144m	TALYS-6a	0	49
Nd-144(n,n'a)Ce-140	TALYS-6a	0	100	Nd-145(n,t)Pr-143	TALYS-6a	0 [8]	50
Nd-144(n,2na)Ce-139g	TALYS-6a	0	39	Nd-145(n,h)Ce-143	TALYS-6a	0 [8]	38
Nd-144(n,2na)Ce-139m	TALYS-6a	0	38	Nd-145(n,a)Ce-142	JENDL-3.2	2 [13]	1121
Nd-144(n,3na)Ce-138	TALYS-6a	0 [8]	28	Nd-145(n,2a)Ba-138	TALYS-6a	0 [10]	100
Nd-144(n,n'p)Pr-143	TALYS-6a	0 [8]	44	Nd-145(n,2p)Ce-144	TALYS-6a	0 [8]	38
Nd-144(n,n'2a)Ba-136g	TALYS-6a	0	100	Nd-145(n,pa)La-141	TALYS-6a	0 [8]	52
Nd-144(n,n'2a)Ba-136m	TALYS-6a	0	35	Nd-145(n,pd)Ce-143	TALYS-6a	0 [8]	29
Nd-144(n,2n2a)Ba-135g	TALYS-6a	0	26	Nd-145(n,da)La-140	TALYS-6a	0 [8]	36
Nd-144(n,2n2a)Ba-135m	TALYS-6a	0	25	Nd-145(n,5n)Nd-141g	TALYS-6a	0	17
Nd-144(n,n'd)Pr-142g	TALYS-6a	0	32	Nd-145(n,5n)Nd-141m	TALYS-6a	0	16
Nd-144(n,n'd)Pr-142m	TALYS-6a	0	32	Nd-145(n,6n)Nd-140	TALYS-6a	0	13
Nd-144(n,n't)Pr-141	TALYS-6a	0 [8]	32	Nd-145(n,2nt)Pr-141	TALYS-6a	0 [8]	26
Nd-144(n,n'h)Ce-141	TALYS-6a	0 [8]	28	Nd-145(n,ta)La-139	TALYS-6a	0 [8]	39
Nd-144(n,4n)Nd-141g	TALYS-6a	0	23	Nd-145(n,4np)Pr-141	TALYS-6a	0	19
Nd-144(n,4n)Nd-141m	TALYS-6a	0	22	Nd-145(n,3nd)Pr-141	TALYS-6a	0 [8]	20
Nd-144(n,2np)Pr-142g	TALYS-6a	0	30	Nd-145(n,n'da)La-139	TALYS-6a	0 [8]	29
Nd-144(n,2np)Pr-142m	TALYS-6a	0	30	Nd-145(n,2npa)La-139	TALYS-6a	0 [8]	28
Nd-144(n,3np)Pr-141	TALYS-6a	0 [8]	24	Nd-145(n,7n)Nd-139g	TALYS-6a	0	7
Nd-144(n,n'2p)Ce-142	TALYS-6a	0 [8]	29	Nd-145(n,7n)Nd-139m	TALYS-6a	0	7
Nd-144(n,n'pa)La-139	TALYS-6a	0 [8]	36	Nd-145(n,5np)Pr-140	TALYS-6a	0	13
>Nd-144(n,g)Nd-145	JEF-2.2	4 [13]		Nd-145(n,6np)Pr-139	TALYS-6a	0	9
11093				Nd-145(n,4na)Ce-138	TALYS-6a	0 [8]	22
Nd-144(n,p)Pr-144g	TALYS-6a	2 [3]	70	Nd-145(n,5na)Ce-137g	TALYS-6a	0	14
Nd-144(n,p)Pr-144m	TALYS-6a	2 [3]	70	Nd-145(n,5na)Ce-137m	TALYS-6a	0	14
Nd-144(n,d)Pr-143	TALYS-6a	0 [8]	50	Nd-145(n,6na)Ce-136	TALYS-6a	0 [8]	10
Nd-144(n,t)Pr-142g	TALYS-6a	0	44	Nd-145(n,4nd)Pr-140	TALYS-6a	0	14
Nd-144(n,t)Pr-142m	TALYS-6a	0	44	Nd-145(n,5nd)Pr-139	TALYS-6a	0	10
Nd-144(n,h)Ce-142	TALYS-6a	0 [8]	40	Nd-145(n,3nt)Pr-140	TALYS-6a	0 [8]	16
Nd-144(n,a)Ce-141	TALYS-6	2 [9,3]		Nd-145(n,4nt)Pr-139	TALYS-6a	0 [8]	12
11095				Nd-145(n,5nt)Pr-138g	TALYS-6a	0	7
Nd-144(n,2p)Ce-143	TALYS-6a	0 [8]	36	Nd-145(n,5nt)Pr-138m	TALYS-6a	0	7
Nd-144(n,pa)La-140	TALYS-6a	0 [8]	47	Nd-145(n,2nh)Ce-141	TALYS-6a	0 [8]	23
Nd-144(n,pd)Ce-142	TALYS-6a	0 [8]	30	Nd-145(n,3nh)Ce-140	TALYS-6a	0 [8]	18
Nd-144(n,pt)Ce-141	TALYS-6a	0 [8]	29	Nd-145(n,4nh)Ce-139g	TALYS-6a	0	12
Nd-144(n,da)La-139	TALYS-6a	0 [8]	39	Nd-145(n,4nh)Ce-139m	TALYS-6a	0	12
Nd-144(n,5n)Nd-140	TALYS-6a	0	16	Nd-145(n,3n2p)Ce-141	TALYS-6a	0 [8]	16
Nd-144(n,6n)Nd-139g	TALYS-6a	0	10	Nd-145(n,3n2a)Ba-135g	TALYS-6a	0	19
Nd-144(n,6n)Nd-139m	TALYS-6a	0	10	Nd-145(n,3n2a)Ba-135m	TALYS-6a	0	19
Nd-144(n,2nt)Pr-140	TALYS-6a	0 [8]	22	Nd-145(n,3npa)La-138	TALYS-6a	0 [8]	18
Nd-144(n,ta)La-138	TALYS-6a	0 [8]	32	Nd-145(n,n'pd)Ce-142	TALYS-6a	0 [8]	24
Nd-144(n,4np)Pr-140	TALYS-6a	0	16	Nd-145(n,n'pt)Ce-141	TALYS-6a	0 [8]	23
Nd-144(n,3nd)Pr-140	TALYS-6a	0 [8]	17	Nd-145(n,n'dt)Ce-140	TALYS-6a	0 [8]	18
Nd-144(n,n'da)La-138	TALYS-6a	0 [8]	26	Nd-145(n,n'ta)La-138	TALYS-6a	0 [8]	25
Nd-144(n,2npa)La-138	TALYS-6a	0 [8]	24	Nd-145(n,2n2p)Ce-142	TALYS-6a	0 [8]	23
Nd-144(n,7n)Nd-138	TALYS-6a	0	6	Nd-145(n,4n2p)Ce-140	TALYS-6a	0 [8]	13
Nd-144(n,5np)Pr-139	TALYS-6a	0	12	Nd-145(n,4n2a)Ba-134	TALYS-6a	0 [8]	14
Nd-144(n,6np)Pr-138g	TALYS-6a	0	7	Nd-145(n,4npa)La-137	TALYS-6a	0 [8]	13
Nd-144(n,6np)Pr-138m	TALYS-6a	0	7	Nd-145(n,5n2p)Ce-139g	TALYS-6a	0	9
Nd-144(n,4na)Ce-137g	TALYS-6a	0	18	Nd-145(n,5n2p)Ce-139m	TALYS-6a	0	8
Nd-144(n,4na)Ce-137m	TALYS-6a	0	17	Nd-146(n,2nd)Pr-143	TALYS-6a	0 [8]	26
Nd-144(n,5na)Ce-136	TALYS-6a	0 [8]	13	Nd-146(n,2n)Nd-145	ADL-3	4 [13]	45
Nd-144(n,6na)Ce-135g	TALYS-6a	0	8	Nd-146(n,3n)Nd-144	ADL-3	2 [13]	33
Nd-144(n,6na)Ce-135m	TALYS-6a	0	8	Nd-146(n,n'a)Ce-142	TALYS-6a	0	100
Nd-144(n,4nd)Pr-139	TALYS-6a	0	13	Nd-146(n,2na)Ce-141	TALYS-6a	0 [8]	42
Nd-144(n,5nd)Pr-138g	TALYS-6a	0	8	Nd-146(n,3na)Ce-140	TALYS-6a	0 [8]	31
Nd-144(n,5nd)Pr-138m	TALYS-6a	0	8	Nd-146(n,n'p)Pr-145	TALYS-6a	0 [8]	42
Nd-144(n,3nt)Pr-139	TALYS-6a	0 [8]	15	Nd-146(n,n'2a)Ba-138	TALYS-6a	0	100
Nd-144(n,4nt)Pr-138g	TALYS-6a	0	10	Nd-146(n,2n2a)Ba-137g	TALYS-6a	0	29
Nd-144(n,4nt)Pr-138m	TALYS-6a	0	10	Nd-146(n,2n2a)Ba-137m	TALYS-6a	0	28
Nd-144(n,5nt)Pr-137	TALYS-6a	0 [8]	6	Nd-146(n,n'd)Pr-144g	TALYS-6a	0	31
Nd-144(n,2nh)Ce-140	TALYS-6a	0 [8]	23	Nd-146(n,n'd)Pr-144m	TALYS-6a	0	31
Nd-144(n,3nh)Ce-139g	TALYS-6a	0	15	Nd-146(n,n't)Pr-143	TALYS-6a	0 [8]	32
Nd-144(n,3nh)Ce-139m	TALYS-6a	0	15	Nd-146(n,n'h)Ce-143	TALYS-6a	0 [8]	27
Nd-144(n,4nh)Ce-138	TALYS-6a	0 [8]	12	Nd-146(n,4n)Nd-143	TALYS-6a	0	25
Nd-144(n,3n2p)Ce-140	TALYS-6a	0 [8]	16	Nd-146(n,2np)Pr-144g	TALYS-6a	0	30
Nd-144(n,3n2a)Ba-134	TALYS-6a	0 [8]	18	Nd-146(n,2np)Pr-144m	TALYS-6a	0	30
Nd-144(n,3npa)La-137	TALYS-6a	0 [8]	16	Nd-146(n,3np)Pr-143	TALYS-6a	0 [8]	24
Nd-144(n,n'pd)Ce-141	TALYS-6a	0 [8]	23	Nd-146(n,n'2p)Ce-144	TALYS-6a	0 [8]	27
Nd-144(n,n'pt)Ce-140	TALYS-6a	0 [8]	24	Nd-146(n,n'pa)La-141	TALYS-6a	0 [8]	32
Nd-144(n,n'dt)Ce-139g	TALYS-6a	0	16	Nd-146(n,g)Nd-147	JEF-2.2	4 [14,13]	
Nd-144(n,n'dt)Ce-139m	TALYS-6a	0	15	17103			
Nd-144(n,n'ta)La-137	TALYS-6a	0 [8]	23	Nd-146(n,p)Pr-146	ADL-3	4 [13]	44
Nd-144(n,2n2p)Ce-141	TALYS-6a	0 [8]	21	Nd-146(n,d)Pr-145	TALYS-6a	0 [8]	46
Nd-144(n,4n2p)Ce-139g	TALYS-6a	0	12	Nd-146(n,t)Pr-144g	TALYS-6a	0	43
Nd-144(n,4n2p)Ce-139m	TALYS-6a	0	11	Nd-146(n,t)Pr-144m	TALYS-6a	0	43
Nd-144(n,4n2a)Ba-133g	TALYS-6a	0	12	Nd-146(n,h)Ce-144	TALYS-6a	5 [8]	37
Nd-144(n,4n2a)Ba-133m	TALYS-6a	0	12	Nd-146(n,a)Ce-143	TALYS-5	6 [9,3,3]	
Nd-144(n,4npa)La-136g	TALYS-6a	0 [4,8]	12	17098			
Nd-144(n,4npa)La-136m	TALYS-6a	0 [4,7,8,8]	11	Nd-146(n,2p)Ce-145	TALYS-6a	0 [8]	32
Nd-144(n,5n2p)Ce-138	TALYS-6a	0 [8]	8	Nd-146(n,pa)La-142	TALYS-6a	0 [8]	42
Nd-145(n,2nd)Pr-142g	TALYS-6a	0	26	Nd-146(n,pd)Ce-144	TALYS-6a	0 [8]	28
Nd-145(n,2nd)Pr-142m	TALYS-6a	0	26	Nd-146(n,da)La-141	TALYS-6a	0 [8]	35
Nd-145(n,2n)Nd-144	TALYS-6a	0	57	Nd-146(n,5n)Nd-142	TALYS-6a	0	19
Nd-145(n,3n)Nd-143	TALYS-6a	0	34	Nd-146(n,6n)Nd-141g	TALYS-6a	0	13
Nd-145(n,n'a)Ce-141	TALYS-6a	0	100	Nd-146(n,6n)Nd-141m	TALYS-6a	0	12
Nd-145(n,2na)Ce-140	TALYS-6a	0 [8]	47	Nd-146(n,2nt)Pr-142g	TALYS-6a	0	24
Nd-145(n,3na)Ce-139g	TALYS-6a	0	29	Nd-146(n,2nt)Pr-142m	TALYS-6a	0	24
Nd-145(n,3na)Ce-139m	TALYS-6a	0	29	Nd-146(n,ta)La-140	TALYS-6a	0 [8]	33
Nd-145(n,n'p)Pr-144g	TALYS-6a	0	44	Nd-146(n,4np)Pr-142g	TALYS-6a	0	17
Nd-145(n,n'p)Pr-144m	TALYS-6a	0	43	Nd-146(n,4np)Pr-142m	TALYS-6a	0	17
Nd-145(n,n'2a)Ba-137g	TALYS-6a	0	100	Nd-146(n,3nd)Pr-142g	TALYS-6a	0	18
Nd-145(n,n'2a)Ba-137m	TALYS-6a	0	100	Nd-146(n,3nd)Pr-142m	TALYS-6a	0	19
Nd-145(n,2n2a)Ba-136g	TALYS-6a	0	29	Nd-146(n,n'da)La-140	TALYS-6a	0 [8]	26
Nd-145(n,2n2a)Ba-136m	TALYS-6a	0	27	Nd-146(n,2npa)La-140	TALYS-6a	0 [8]	25
Nd-145(n,n'd)Pr-143	TALYS-6a	0 [8]	35	Nd-146(n,7n)Nd-140	TALYS-6a	0	9
Nd-145(n,n't)Pr-142g	TALYS-6a	0	32	Nd-146(n,5np)Pr-141	TALYS-6a	0	14
Nd-145(n,n't)Pr-142m	TALYS-6a	0	32	Nd-146(n,6np)Pr-140	TALYS-6a	0	9
Nd-145(n,n'h)Ce-142	TALYS-6a	0 [8]	30	Nd-146(n,4na)Ce-139g	TALYS-6a	0	22
Nd-145(n,4n)Nd-142	TALYS-6a	0	27	Nd-146(n,4na)Ce-139m	TALYS-6a	0	21
Nd-145(n,2np)Pr-143	TALYS-6a	0 [8]	32	Nd-146(n,5na)Ce-138	TALYS-6a	0 [8]	15
Nd-145(n,3np)Pr-142g	TALYS-6a	0	24	Nd-146(n,6na)Ce-137g	TALYS-6a	0	10

Reaction	Library	Value	Col
Nd-146(n,6na)Ce-137m	TALYS-6a	0	10
Nd-146(n,4nd)Pr-141	TALYS-6a	0	15
Nd-146(n,5nd)Pr-140	TALYS-6a	0 [8]	10
Nd-146(n,6nd)Pr-139	TALYS-6a	0 [8]	6
Nd-146(n,3nt)Pr-141	TALYS-6a	0 [8]	18
Nd-146(n,4nt)Pr-140	TALYS-6a	0 [8]	13
Nd-146(n,5nt)Pr-139	TALYS-6a	0 [8]	8
Nd-146(n,2nh)Ce-142	TALYS-6a	0 [8]	23
Nd-146(n,3nh)Ce-141	TALYS-6a	0 [8]	16
Nd-146(n,4nh)Ce-140	TALYS-6a	0 [8]	13
Nd-146(n,3n2p)Ce-142	TALYS-6a	0 [8]	16
Nd-146(n,3n2a)Ba-136g	TALYS-6a	0	21
Nd-146(n,3n2a)Ba-136m	TALYS-6a	0	18
Nd-146(n,3npa)La-139	TALYS-6a	0 [8]	20
Nd-146(n,n'pd)Ce-143	TALYS-6a	0 [8]	21
Nd-146(n,n'pt)Ce-142	TALYS-6a	0 [8]	22
Nd-146(n,n'dt)Ce-141	TALYS-6a	0 [8]	16
Nd-146(n,n'ta)La-139	TALYS-6a	0 [8]	27
Nd-146(n,2n2p)Ce-143	TALYS-6a	0 [8]	20
Nd-146(n,4n2p)Ce-141	TALYS-6a	0 [8]	12
Nd-146(n,4n2a)Ba-135g	TALYS-6a	0	13
Nd-146(n,4n2a)Ba-135m	TALYS-6a	0	13
Nd-146(n,4npa)La-138	TALYS-6a	0 [8]	13
Nd-146(n,3n2pa)Ba-138	TALYS-6a	0 [8]	12
Nd-146(n,5n2p)Ce-140	TALYS-6a	0 [8]	9
Nd-147(n,2nd)Pr-144g	TALYS-6a	0	26
Nd-147(n,2nd)Pr-144m	TALYS-6a	0	26
Nd-147(n,2n)Nd-146	TALYS-6a	0	59
Nd-147(n,3n)Nd-145	TALYS-6a	0	36
Nd-147(n,n'a)Ce-143	TALYS-6a	0	100
Nd-147(n,2na)Ce-142	TALYS-6a	0 [8]	46
Nd-147(n,3na)Ce-141	TALYS-6a	0 [8]	31
Nd-147(n,n'p)Pr-146	TALYS-6a	0 [8,7,8]	42
Nd-147(n,n'2a)Ba-139	TALYS-6a	0	100
Nd-147(n,2n2a)Ba-138	TALYS-6a	0 [8]	35
Nd-147(n,n'd)Pr-145	TALYS-6a	0 [8]	35
Nd-147(n,n't)Pr-144g	TALYS-6a		33
Nd-147(n,n't)Pr-144m	TALYS-6a	0	33
Nd-147(n,n'h)Ce-144	TALYS-6a	0 [8]	29
Nd-147(n,4n)Nd-144	TALYS-6a	0	28
Nd-147(n,2np)Pr-145	TALYS-6a	0 [8]	32
Nd-147(n,3np)Pr-144g	TALYS-6a	0	25
Nd-147(n,3np)Pr-144m	TALYS-6a	0	25
Nd-147(n,n'2p)Ce-145	TALYS-6a	0 [8]	26
Nd-147(n,n'pa)La-142	TALYS-6a	0 [8]	31
>Nd-147(n,g)Nd-148	JEF-2.2	2 [13]	1678
Nd-147(n,p)Pr-147	TALYS-6a	0 [2,8]	72
Nd-147(n,d)Pr-146	TALYS-6a	0 [8,7,8]	45
Nd-147(n,t)Pr-145	TALYS-6a	0 [8]	49
Nd-147(n,h)Ce-145	TALYS-6a	0 [8]	35
Nd-147(n,a)Ce-144	TALYS-6a	0 [9,2,3]	1676
Nd-147(n,2p)Ce-146	TALYS-6a	0 [8,7,8]	35
Nd-147(n,pd)Ce-145	TALYS-6a	0 [8]	28
Nd-147(n,5n)Nd-143	TALYS-6a	0	20
Nd-147(n,6n)Nd-142	TALYS-6a		15
Nd-147(n,2nt)Pr-143	TALYS-6a	0 [8]	26
Nd-147(n,4np)Pr-143	TALYS-6a	0 [8]	19
Nd-147(n,3nd)Pr-143	TALYS-6a	0 [8]	21
Nd-147(n,n'da)La-141	TALYS-6a	0 [8]	28
Nd-147(n,2npa)La-141	TALYS-6a	0 [8]	26
Nd-147(n,7n)Nd-141g	TALYS-6a	0	10
Nd-147(n,7n)Nd-141m	TALYS-6a	0	10
Nd-147(n,5np)Pr-142g	TALYS-6a	0	14
Nd-147(n,5np)Pr-142m	TALYS-6a	0	14
Nd-147(n,6np)Pr-141	TALYS-6a	0	11
Nd-147(n,7np)Pr-140	TALYS-6a	0 [8]	6
Nd-147(n,4na)Ce-140	TALYS-6a	0 [8]	26
Nd-147(n,5na)Ce-139g	TALYS-6a	0	16
Nd-147(n,5na)Ce-139m	TALYS-6a	0	16
Nd-147(n,6na)Ce-138	TALYS-6a	0 [8]	12
Nd-147(n,7na)Ce-137g	TALYS-6a	0	7
Nd-147(n,7na)Ce-137m	TALYS-6a	0	7
Nd-147(n,4nd)Pr-142g	TALYS-6a	0	15
Nd-147(n,4nd)Pr-142m	TALYS-6a	0	15
Nd-147(n,5nd)Pr-141	TALYS-6a	0 [8]	12
Nd-147(n,6nd)Pr-140	TALYS-6a	0 [8]	7
Nd-147(n,3nt)Pr-142g	TALYS-6a	0	19
Nd-147(n,3nt)Pr-142m	TALYS-6a	0	19
Nd-147(n,4nt)Pr-141	TALYS-6a	0 [8]	15
Nd-147(n,5nt)Pr-140	TALYS-6a	0 [8]	10
Nd-147(n,2nh)Ce-143	TALYS-6a	0 [8]	22
Nd-147(n,3nh)Ce-142	TALYS-6a	0 [8]	17
Nd-147(n,4nh)Ce-141	TALYS-6a	0 [8]	13
Nd-147(n,3n2p)Ce-143	TALYS-6a	0 [8]	15
Nd-147(n,3n2a)Ba-137g	TALYS-6a	0	23
Nd-147(n,3n2a)Ba-137m	TALYS-6a	0	22
Nd-147(n,3npa)La-140	TALYS-6a	0 [8]	19
Nd-147(n,n'pd)Ce-144	TALYS-6a	0 [8]	20
Nd-147(n,n'pt)Ce-143	TALYS-6a	0 [8]	17
Nd-147(n,n'dt)Ce-142	TALYS-6a	0 [8]	13
Nd-147(n,n'ta)La-140	TALYS-6a	0 [8]	16
Nd-147(n,2n2p)Ce-144	TALYS-6a	0 [8]	27
Nd-147(n,4n2p)Ce-142	TALYS-6a	0 [8]	21
Nd-147(n,4n2a)Ba-136g	TALYS-6a	0	16
Nd-147(n,4n2a)Ba-136m	TALYS-6a	0	14
Nd-147(n,4npa)La-139	TALYS-6a	0 [8]	15
Nd-147(n,5n2p)Ce-141	TALYS-6a	0 [8]	26
Nd-148(n,2nd)Pr-145	TALYS-6a	0 [8]	45
Nd-148(n,2n)Nd-147	ADL-3	4 [13]	36
Nd-148(n,3n)Nd-146	TALYS-5a	4	100
Nd-148(n,n'a)Ce-144	TALYS-6a	0	41
Nd-148(n,2na)Ce-143	TALYS-6a	0 [8]	31
Nd-148(n,3na)Ce-142	TALYS-6a	0 [8]	41
Nd-148(n,n'p)Pr-147	TALYS-6a	0 [8]	30
Nd-148(n,2n2a)Ba-139	TALYS-6a	0 [8]	31
Nd-148(n,n'd)Pr-146	TALYS-6a	0 [8,7,8]	32
Nd-148(n,n't)Pr-145	TALYS-6a	0 [8]	26
Nd-148(n,n'h)Ce-145	TALYS-6a	0 [8]	26
Nd-148(n,4n)Nd-145	TALYS-6a	0	26

Reaction	Library	Value	Col
Nd-148(n,2np)Pr-146	TALYS-6a	0 [8]	30
Nd-148(n,3np)Pr-145	TALYS-6a	0 [8]	24
Nd-148(n,n'2p)Ce-146	TALYS-6a	0 [8,7,8]	25
Nd-148(n,n'pa)La-143	TALYS-6a	0 [8]	30
Nd-148(n,g)Nd-149	JEF-2.2	4 [14,13]	
20320			
Nd-148(n,p)Pr-148g	ADL-3	2 [13]	44
Nd-148(n,p)Pr-148m	TALYS-6a	0 [2]	60
Nd-148(n,d)Pr-147	TALYS-6a	0 [8]	44
Nd-148(n,t)Pr-146	TALYS-6a	0 [8,7,8]	42
Nd-148(n,h)Ce-146	TALYS-6a	0 [8,7,8]	35
Nd-148(n,a)Ce-145	TALYS-5	2 [9,3]	
20264			
Nd-148(n,2p)Ce-147	TALYS-6a	0 [8]	30
Nd-148(n,pd)Ce-146	TALYS-6a	0 [8,7,8]	27
Nd-148(n,da)La-143	TALYS-6a	0 [8]	32
Nd-148(n,5n)Nd-144	TALYS-6a	0	20
Nd-148(n,6n)Nd-143	TALYS-6a	0	15
Nd-148(n,2nt)Pr-144g	TALYS-6a	0	25
Nd-148(n,2nt)Pr-144m	TALYS-6a	0	25
Nd-148(n,4np)Pr-144g	TALYS-6a	0	17
Nd-148(n,4np)Pr-144m	TALYS-6a	0	17
Nd-148(n,3nd)Pr-144g	TALYS-6a	0	19
Nd-148(n,3nd)Pr-144m	TALYS-6a	0	19
Nd-148(n,n'da)La-142	TALYS-6a	0 [8]	25
Nd-148(n,2npa)La-142	TALYS-6a	0 [8]	24
Nd-148(n,7n)Nd-142	TALYS-6a	0	11
Nd-148(n,8n)Nd-141g	TALYS-6a	0	6
Nd-148(n,8n)Nd-141m	TALYS-6a	0	6
Nd-148(n,5np)Pr-143	TALYS-6a	0	14
Nd-148(n,6np)Pr-142g	TALYS-6a	0	10
Nd-148(n,6np)Pr-142m	TALYS-6a	0	10
Nd-148(n,7np)Pr-141	TALYS-6a	0	8
Nd-148(n,4na)Ce-141	TALYS-6a	0 [8]	24
Nd-148(n,5na)Ce-140	TALYS-6a	0 [8]	18
Nd-148(n,6na)Ce-139g	TALYS-6a	0	13
Nd-148(n,6na)Ce-139m	TALYS-6a	0	12
Nd-148(n,7na)Ce-138	TALYS-6a	0 [8]	8
Nd-148(n,4nd)Pr-143	TALYS-6a	0 [8]	15
Nd-148(n,5nd)Pr-142g	TALYS-6a	0	11
Nd-148(n,5nd)Pr-142m	TALYS-6a	0	11
Nd-148(n,6nd)Pr-141	TALYS-6a	0 [8]	8
Nd-148(n,3nt)Pr-143	TALYS-6a	0 [8]	19
Nd-148(n,4nt)Pr-142g	TALYS-6a	0	14
Nd-148(n,4nt)Pr-142m	TALYS-6a	0	14
Nd-148(n,5nt)Pr-141	TALYS-6a	0 [8]	11
Nd-148(n,6nt)Pr-140	TALYS-6a	0 [8]	6
Nd-148(n,2nh)Ce-144	TALYS-6a	0 [8]	22
Nd-148(n,3nh)Ce-143	TALYS-6a	0 [8]	16
Nd-148(n,4nh)Ce-142	TALYS-6a	0 [8]	13
Nd-148(n,3n2p)Ce-144	TALYS-6a	0 [8]	15
Nd-148(n,3n2a)Ba-138	TALYS-6a	0 [8]	25
Nd-148(n,3npa)La-141	TALYS-6a	0 [8]	19
Nd-148(n,n'pd)Ce-145	TALYS-6a	0 [8]	20
Nd-148(n,n'pt)Ce-144	TALYS-6a	0 [8]	21
Nd-148(n,n'ta)La-141	TALYS-6a	0 [8]	26
Nd-148(n,2n2p)Ce-145	TALYS-6a	0 [8]	19
Nd-148(n,4n2p)Ce-143	TALYS-6a	0 [8]	12
Nd-148(n,4n2a)Ba-137g	TALYS-6a	0	16
Nd-148(n,4n2a)Ba-137m	TALYS-6a	0	15
Nd-148(n,4npa)La-140	TALYS-6a	0 [8]	14
Nd-148(n,5n2p)Ce-142	TALYS-6a	0 [8]	9
Nd-149(n,2nd)Pr-146	TALYS-6a	0 [8,7,8]	26
Nd-149(n,2n)Nd-148	TALYS-6a	0	60
Nd-149(n,3n)Nd-147	TALYS-6a	0	37
Nd-149(n,n'a)Ce-145	TALYS-6a	0	100
Nd-149(n,2na)Ce-144	TALYS-6a	0 [8]	45
Nd-149(n,3na)Ce-143	TALYS-6a	0 [8]	31
Nd-149(n,n'p)Pr-148g	TALYS-6a	0	41
Nd-149(n,n'p)Pr-148m	TALYS-6a	0	41
Nd-149(n,2n2a)Ba-140	TALYS-6a	0 [8]	31
Nd-149(n,n'd)Pr-147	TALYS-6a	0 [8]	34
Nd-149(n,n't)Pr-146	TALYS-6a	0 [8,7,8]	32
Nd-149(n,n'h)Ce-146	TALYS-6a	0 [8,7,8]	28
Nd-149(n,4n)Nd-146	TALYS-6a	0	29
Nd-149(n,2np)Pr-147	TALYS-6a	0 [8]	31
Nd-149(n,3np)Pr-146	TALYS-6a	0 [8,7,8]	24
Nd-149(n,n'2p)Ce-147	TALYS-6a	0 [8]	25
Nd-149(n,n'pa)La-144	TALYS-6a	0 [8]	29
Nd-149(n,g)Nd-150	MASGAM	0 [14,13]	83
Nd-149(n,p)Pr-149	TALYS-6a	0 [2,8]	68
Nd-149(n,d)Pr-148g	TALYS-6a	0	44
Nd-149(n,d)Pr-148m	TALYS-6a	0	44
Nd-149(n,t)Pr-147	TALYS-6a	0 [8]	47
Nd-149(n,h)Ce-147	TALYS-6a	0 [8]	33
Nd-149(n,a)Ce-146	TALYS-6a	0 [2]	100
Nd-149(n,2p)Ce-148	TALYS-6a	0 [8]	31
Nd-149(n,pd)Ce-147	TALYS-6a	0 [8]	26
Nd-149(n,5n)Nd-145	TALYS-6a	0	21
Nd-149(n,6n)Nd-144	TALYS-6a	0	16
Nd-149(n,2nt)Pr-145	TALYS-6a	0 [8]	27
Nd-149(n,4np)Pr-145	TALYS-6a	0 [8]	19
Nd-149(n,3nd)Pr-145	TALYS-6a	0 [8]	21
Nd-149(n,n'da)La-143	TALYS-6a	0 [8]	26
Nd-149(n,2npa)La-143	TALYS-6a	0 [8]	25
Nd-149(n,7n)Nd-143	TALYS-6a	0	12
Nd-149(n,8n)Nd-142	TALYS-6a	0	9
Nd-149(n,5np)Pr-144g	TALYS-6a	0	14
Nd-149(n,5np)Pr-144m	TALYS-6a	0	14
Nd-149(n,6np)Pr-143	TALYS-6a	0	12
Nd-149(n,7np)Pr-142g	TALYS-6a	0	8
Nd-149(n,7np)Pr-142m	TALYS-6a	0	8
Nd-149(n,4na)Ce-142	TALYS-6a	0 [8]	26
Nd-149(n,5na)Ce-141	TALYS-6a	0 [8]	19
Nd-149(n,6na)Ce-140	TALYS-6a	0 [8]	15
Nd-149(n,7na)Ce-139g	TALYS-6a	0	10
Nd-149(n,7na)Ce-139m	TALYS-6a	0	10
Nd-149(n,4nd)Pr-144g	TALYS-6a	0	15
Nd-149(n,4nd)Pr-144m	TALYS-6a	0	15

Nd-149(n,5nd)Pr-143	TALYS-6a	0	[8]	12	Pm-143(n,p)Nd-143	TALYS-6a	0 [2]	100
Nd-149(n,6nd)Pr-142g	TALYS-6a	0		9	Pm-143(n,d)Nd-142	TALYS-6a	0 [8]	69
Nd-149(n,6nd)Pr-142m	TALYS-6a	0		9	Pm-143(n,t)Nd-141g	TALYS-6a	0	48
Nd-149(n,3nt)Pr-144g	TALYS-6a	0		19	Pm-143(n,t)Nd-141m	TALYS-6a	0	46
Nd-149(n,3nt)Pr-144m	TALYS-6a	0		19	Pm-143(n,h)Pr-141	TALYS-6a	0 [8]	45
Nd-149(n,4nt)Pr-143	TALYS-6a	0	[8]	15	Pm-143(n,a)Pr-140	TALYS-6a	0 [2]	100
Nd-149(n,5nt)Pr-142g	TALYS-6a	0		11	Pm-143(n,2a)La-136g	TALYS-6a	0 [4]	100
Nd-149(n,5nt)Pr-142m	TALYS-6a	0		11	Pm-143(n,2a)La-136m	TALYS-6a	0 [4,7]	100
Nd-149(n,6nt)Pr-141	TALYS-6a	0	[8]	8	Pm-143(n,2p)Pr-142g	TALYS-6a	0	43
Nd-149(n,2nh)Ce-145	TALYS-6a	0	[8]	22	Pm-143(n,2p)Pr-142m	TALYS-6a	0	43
Nd-149(n,3nh)Ce-144	TALYS-6a	0	[8]	17	Pm-143(n,pa)Ce-139g	TALYS-6a	0	100
Nd-149(n,4nh)Ce-143	TALYS-6a	0	[8]	13	Pm-143(n,pa)Ce-139m	TALYS-6a	0	100
Nd-149(n,3n2p)Ce-145	TALYS-6a	0	[8]	15	Pm-143(n,pd)Pr-141	TALYS-6a	0 [8]	34
Nd-149(n,3n2a)Ba-139	TALYS-6a	0	[8]	24	Pm-143(n,pt)Pr-140	TALYS-6a	0 [8]	29
Nd-149(n,3npa)La-142	TALYS-6a	0	[8]	18	Pm-143(n,da)Ce-138	TALYS-6a	0 [8]	39
Nd-149(n,n'pd)Ce-146	TALYS-6a	0	[8,7,8]	22	Pm-143(n,5n)Pm-139g	TALYS-6a	0	13
Nd-149(n,n'ta)La-142	TALYS-6a	0	[8]	26	Pm-143(n,5n)Pm-139m	TALYS-6a	0	12
Nd-149(n,2n2p)Ce-146	TALYS-6a	0	[8,7,8]	20	Pm-143(n,6n)Pm-138g	TALYS-6a	0	7
Nd-149(n,4n2p)Ce-144	TALYS-6a	0	[8]	13	Pm-143(n,6n)Pm-138m	TALYS-6a	0	7
Nd-149(n,4n2a)Ba-138	TALYS-6a	0	[8]	20	Pm-143(n,2nt)Nd-139g	TALYS-6a	0	20
Nd-149(n,4npa)La-141	TALYS-6a	0	[8]	15	Pm-143(n,2nt)Nd-139m	TALYS-6a	0	20
Nd-149(n,5n2p)Ce-143	TALYS-6a	0	[8]	9	Pm-143(n,ta)Ce-137g	TALYS-6a	0	31
Nd-150(n,2nd)Pr-147	TALYS-6a	0	[8]	26	Pm-143(n,ta)Ce-137m	TALYS-6a	0	31
Nd-150(n,2n)Nd-149	JENDL-3.3	5	[13]	1321	Pm-143(n,4np)Nd-139g	TALYS-6a	0	15
Nd-150(n,3n)Nd-148	TALYS-5a	4	[3]	36	Pm-143(n,4np)Nd-139m	TALYS-6a	0	15
Nd-150(n,n'a)Ce-146	TALYS-6a	0	[8,7,8]	64	Pm-143(n,3nd)Nd-139g	TALYS-6a	0	16
Nd-150(n,2na)Ce-145	TALYS-6a	0	[8]	40	Pm-143(n,3nd)Nd-139m	TALYS-6a	0	15
Nd-150(n,3na)Ce-144	TALYS-6a	0	[8]	31	Pm-143(n,n'da)Ce-137g	TALYS-6a	0	25
Nd-150(n,n'p)Pr-149	TALYS-6a	0	[8]	39	Pm-143(n,n'da)Ce-137m	TALYS-6a	0	25
Nd-150(n,2n2a)Ba-141	TALYS-6a	0	[8]	27	Pm-143(n,2npa)Ce-137g	TALYS-6a	0	25
Nd-150(n,n'd)Pr-148g	TALYS-6a	0		30	Pm-143(n,2npa)Ce-137m	TALYS-6a	0	24
Nd-150(n,n'd)Pr-148m	TALYS-6a	0		30	Pm-143(n,5np)Nd-138	TALYS-6a	0	11
Nd-150(n,n't)Pr-147	TALYS-6a	0	[8]	31	Pm-143(n,6np)Nd-137g	TALYS-6a	0	5
Nd-150(n,n'h)Ce-147	TALYS-6a	0	[8]	25	Pm-143(n,6np)Nd-137m	TALYS-6a	0	5
Nd-150(n,4n)Nd-147	TALYS-6a	0		27	Pm-143(n,4na)Pr-136	TALYS-6a	0 [8]	15
Nd-150(n,2np)Pr-148g	TALYS-6a	0		29	Pm-143(n,5na)Pr-135	TALYS-6a	0 [8]	11
Nd-150(n,2np)Pr-148m	TALYS-6a	0		29	Pm-143(n,4nd)Nd-138	TALYS-6a	0 [8]	11
Nd-150(n,3np)Pr-147	TALYS-6a	0	[8]	24	Pm-143(n,5nd)Nd-137g	TALYS-6a	0	6
Nd-150(n,n'2p)Ce-148	TALYS-6a	0	[8]	23	Pm-143(n,5nd)Nd-137m	TALYS-6a	0	6
Nd-150(n,n'pa)La-145	TALYS-6a	0	[8,7,8]	28	Pm-143(n,3nt)Nd-138	TALYS-6a	0 [8]	14
>Nd-150(n,g)Nd-151	JEF-2.2	4	[13]	4401	Pm-143(n,4nt)Nd-137g	TALYS-6a	0	9
Nd-150(n,p)Pr-150	TALYS-6a	0	[2,8]	56	Pm-143(n,4nt)Nd-137m	TALYS-6a	0	9
Nd-150(n,d)Pr-149	TALYS-6a	0	[8]	43	Pm-143(n,2nh)Pr-139	TALYS-6a	0 [8]	21
Nd-150(n,t)Pr-148g	TALYS-6a	0		41	Pm-143(n,3nh)Pr-138g	TALYS-6a	0	14
Nd-150(n,t)Pr-148m	TALYS-6a	0		41	Pm-143(n,3nh)Pr-138m	TALYS-6a	0	14
Nd-150(n,h)Ce-148	TALYS-6a	0	[8]	31	Pm-143(n,4nh)Pr-137	TALYS-6a	0 [8]	10
Nd-150(n,a)Ce-147	TALYS-6a	0	[9,2,3]	9179	Pm-143(n,3n2p)Pr-139	TALYS-6a	0 [8]	15
Nd-150(n,2p)Ce-149	TALYS-6a	0	[8]	28	Pm-143(n,3n2a)La-133	TALYS-6a	0 [8]	16
Nd-150(n,pd)Ce-148	TALYS-6a	0	[8]	25	Pm-143(n,3npa)Ce-136	TALYS-6a	0 [8]	17
Nd-150(n,5n)Nd-146	TALYS-6a	0		21	Pm-143(n,dt)Pr-139	TALYS-6a	0 [8]	21
Nd-150(n,6n)Nd-145	TALYS-6a	0		15	Pm-143(n,n'pd)Pr-140	TALYS-6a	0 [8]	23
Nd-150(n,2nt)Pr-146	TALYS-6a	0	[8,7,8]	24	Pm-143(n,n'pt)Pr-139	TALYS-6a	0 [8]	21
Nd-150(n,4np)Pr-146	TALYS-6a	0	[8,7,8]	17	Pm-143(n,n'dt)Pr-138g	TALYS-6a	0	14
Nd-150(n,3nd)Pr-146	TALYS-6a	0	[8,7,8]	19	Pm-143(n,n'dt)Pr-138m	TALYS-6a	0	14
Nd-150(n,2npa)La-144	TALYS-6a	0	[8]	22	Pm-143(n,n'ph)Ce-139g	TALYS-6a	0	20
Nd-150(n,7n)Nd-144	TALYS-6a	0		12	Pm-143(n,n'ph)Ce-139m	TALYS-6a	0	19
Nd-150(n,8n)Nd-143	TALYS-6a	0		8	Pm-143(n,n'dh)Ce-138	TALYS-6a	0 [8]	14
Nd-150(n,5np)Pr-145	TALYS-6a	0	[8]	14	Pm-143(n,n'ta)Ce-136	TALYS-6a	0 [8]	24
Nd-150(n,6np)Pr-144g	TALYS-6a	0		11	Pm-143(n,2n2p)Pr-140	TALYS-6a	0 [8]	22
Nd-150(n,6np)Pr-144m	TALYS-6a	0		11	Pm-143(n,ph)Ce-140	TALYS-6a	0 [8]	29
Nd-150(n,7np)Pr-143	TALYS-6a	0		8	Pm-143(n,4n2p)Pr-138g	TALYS-6a	0	10
Nd-150(n,4na)Ce-143	TALYS-6a	0	[8]	24	Pm-143(n,4n2p)Pr-138m	TALYS-6a	0	10
Nd-150(n,5na)Ce-142	TALYS-6a	0	[8]	18	Pm-143(n,4n2a)La-132g	TALYS-6a	0	11
Nd-150(n,6na)Ce-141	TALYS-6a	0	[8]	14	Pm-143(n,4n2a)La-132m	TALYS-6a	0	11
Nd-150(n,7na)Ce-140	TALYS-6a	0	[8]	11	Pm-143(n,4npa)Ce-135g	TALYS-6a	0	11
Nd-150(n,4nd)Pr-145	TALYS-6a	0	[8]	15	Pm-143(n,4npa)Ce-135m	TALYS-6a	0	11
Nd-150(n,5nd)Pr-144g	TALYS-6a	0		11	Pm-143(n,n'3p)Ce-140	TALYS-6a	0 [8]	22
Nd-150(n,5nd)Pr-144m	TALYS-6a	0		11	Pm-144(n,2nd)Nd-141g	TALYS-6a	0	27
Nd-150(n,6nd)Pr-143	TALYS-6a	0	[8]	8	Pm-144(n,2nd)Nd-141m	TALYS-6a	0	26
Nd-150(n,3nt)Pr-145	TALYS-6a	0	[8]	19	Pm-144(n,2n)Pm-143	TALYS-6a	0	53
Nd-150(n,4nt)Pr-144g	TALYS-6a	0		14	Pm-144(n,3n)Pm-142	TALYS-6a	0	30
Nd-150(n,4nt)Pr-144m	TALYS-6a	0		14	Pm-144(n,n'a)Pr-140	TALYS-6a	0	100
Nd-150(n,5nt)Pr-143	TALYS-6a	0	[8]	11	Pm-144(n,2na)Pr-139	TALYS-6a	0 [8]	40
Nd-150(n,6nt)Pr-142g	TALYS-6a	0		8	Pm-144(n,3na)Pr-138g	TALYS-6a	0	25
Nd-150(n,6nt)Pr-142m	TALYS-6a	0		8	Pm-144(n,3na)Pr-138m	TALYS-6a	0	25
Nd-150(n,2nh)Ce-146	TALYS-6a	0	[8,7,8]	21	Pm-144(n,n'p)Nd-143	TALYS-6a	0 [8]	58
Nd-150(n,3nh)Ce-145	TALYS-6a	0	[8]	15	Pm-144(n,n'2a)La-136g	TALYS-6a	0 [4,8]	37
Nd-150(n,4nh)Ce-144	TALYS-6a	0	[8]	13	Pm-144(n,n'2a)La-136m	TALYS-6a	0 [4,7,8,8]	36
Nd-150(n,3n2p)Ce-146	TALYS-6a	0	[8,7,8]	15	Pm-144(n,2n2a)La-135	TALYS-6a	0 [8]	27
Nd-150(n,3n2a)Ba-140	TALYS-6a	0	[8]	23	Pm-144(n,n'd)Nd-142	TALYS-6a	0 [8]	41
Nd-150(n,3npa)La-143	TALYS-6a	0	[8]	17	Pm-144(n,n't)Nd-141g	TALYS-6a	0	33
Nd-150(n,n'pd)Ce-147	TALYS-6a	0	[8]	19	Pm-144(n,n't)Nd-141m	TALYS-6a	0	32
Nd-150(n,2n2p)Ce-147	TALYS-6a	0	[8]	17	Pm-144(n,n'h)Pr-141	TALYS-6a	0 [8]	31
Nd-150(n,4n2p)Ce-145	TALYS-6a	0	[8]	11	Pm-144(n,4n)Pm-141	TALYS-6a	0	21
Nd-150(n,4n2a)Ba-139	TALYS-6a	0	[8]	16	Pm-144(n,2np)Nd-142	TALYS-6a	0 [8]	38
Nd-150(n,4npa)La-142	TALYS-6a	0	[8]	13	Pm-144(n,3np)Nd-141g	TALYS-6a	0	25
Nd-150(n,5n2p)Ce-144	TALYS-6a	0	[8]	9	Pm-144(n,3np)Nd-141m	TALYS-6a	0	24
Pm-143(n,2nd)Nd-140	TALYS-6a	0	[8]	25	Pm-144(n,n'2p)Pr-142g	TALYS-6a	0	30
Pm-143(n,2n)Pm-142	TALYS-6a	0		41	Pm-144(n,n'2p)Pr-142m	TALYS-6a	0	30
Pm-143(n,3n)Pm-141	TALYS-6a	0		28	Pm-144(n,n'pa)Ce-139g	TALYS-6a	0	40
Pm-143(n,n'a)Pr-139	TALYS-6a	0	[8]	64	Pm-144(n,n'pa)Ce-139m	TALYS-6a	0	38
Pm-143(n,2na)Pr-138g	TALYS-6a	0		33	Pm-144(n,g)Pm-145	MASGAM	0 [14,13]	83
Pm-143(n,2na)Pr-138m	TALYS-6a	0		32	Pm-144(n,p)Nd-144	TALYS-6a	0 [2]	100
Pm-143(n,3na)Pr-137	TALYS-6a	0	[8]	24	Pm-144(n,d)Nd-143	TALYS-6a	0 [8]	66
Pm-143(n,n'p)Nd-142	TALYS-6a	0	[8]	60	Pm-144(n,t)Nd-142	TALYS-6a	0 [8]	65
Pm-143(n,n'2a)La-135	TALYS-6a	0	[8]	37	Pm-144(n,h)Pr-142g	TALYS-6a	0	42
Pm-143(n,2n2a)La-134	TALYS-6a	0	[8]	24	Pm-144(n,h)Pr-142m	TALYS-6a	0	43
Pm-143(n,n'd)Nd-141g	TALYS-6a	0		34	Pm-144(n,a)Pr-141	TALYS-6a	0 [2]	100
Pm-143(n,n'd)Nd-141m	TALYS-6a	0		33	Pm-144(n,2a)La-137	TALYS-6a	0 [10]	100
Pm-143(n,n't)Nd-140	TALYS-6a	0	[8]	31	Pm-144(n,2p)Pr-143	TALYS-6a	0 [8]	44
Pm-143(n,n'h)Pr-140	TALYS-6a	0	[8]	28	Pm-144(n,pa)Ce-140	TALYS-6a	0	100
Pm-143(n,4n)Pm-140g	TALYS-6a	0	[4,7,8]	18	Pm-144(n,pd)Pr-142g	TALYS-6a	0	31
Pm-143(n,4n)Pm-140m	TALYS-6a	0	[4,7,8]	16	Pm-144(n,pd)Pr-142m	TALYS-6a	0	32
Pm-143(n,2np)Nd-141g	TALYS-6a	0		31	Pm-144(n,pt)Pr-141	TALYS-6a	0 [8]	33
Pm-143(n,2np)Nd-141m	TALYS-6a	0		31	Pm-144(n,da)Ce-139g	TALYS-6a	0	42
Pm-143(n,3np)Nd-140	TALYS-6a	0		24	Pm-144(n,da)Ce-139m	TALYS-6a	0	40
Pm-143(n,n'2p)Pr-141	TALYS-6a	0	[8]	32	Pm-144(n,5n)Pm-140g	TALYS-6a	0 [4,7,8]	14
Pm-143(n,n'pa)Ce-138	TALYS-6a	0	[8]	38	Pm-144(n,5n)Pm-140m	TALYS-6a	0 [4,7,8]	13
Pm-143(n,g)Pm-144	MASGAM	0	[14,13]	83	Pm-144(n,6n)Pm-139g	TALYS-6a	0	9

Reaction	Library			
Pm-144(n,6n)Pm-139m	TALYS-6a	0		9
Pm-144(n,2nt)Nd-140	TALYS-6a	0	[8]	24
Pm-144(n,ta)Ce-138	TALYS-6a	0	[8]	38
Pm-144(n,4np)Nd-140	TALYS-6a	0	[8]	17
Pm-144(n,3nd)Nd-140	TALYS-6a	0	[8]	19
Pm-144(n,n'da)Ce-138	TALYS-6a	0	[8]	28
Pm-144(n,2npa)Ce-138	TALYS-6a	0	[8]	28
Pm-144(n,5np)Nd-139g	TALYS-6a	0		12
Pm-144(n,5np)Nd-139m	TALYS-6a	0		12
Pm-144(n,6np)Nd-138	TALYS-6a	0		8
Pm-144(n,4na)Pr-137	TALYS-6a	0	[8]	17
Pm-144(n,5na)Pr-136	TALYS-6a	0	[8]	12
Pm-144(n,6na)Pr-135	TALYS-6a	0	[8]	7
Pm-144(n,4nd)Nd-139g	TALYS-6a	0		12
Pm-144(n,4nd)Nd-139m	TALYS-6a	0		12
Pm-144(n,5nd)Nd-138	TALYS-6a	0	[8]	8
Pm-144(n,3nt)Nd-139g	TALYS-6a	0		15
Pm-144(n,3nt)Nd-139m	TALYS-6a	0		15
Pm-144(n,4nt)Nd-138	TALYS-6a	0	[8]	11
Pm-144(n,5nt)Nd-137g	TALYS-6a	0		6
Pm-144(n,5nt)Nd-137m	TALYS-6a	0		5
Pm-144(n,2nh)Pr-140	TALYS-6a	0	[8]	22
Pm-144(n,3nh)Pr-139	TALYS-6a	0	[8]	15
Pm-144(n,4nh)Pr-138g	TALYS-6a	0		11
Pm-144(n,4nh)Pr-138m	TALYS-6a	0		11
Pm-144(n,3n2p)Pr-140	TALYS-6a	0	[8]	16
Pm-144(n,3n2a)La-134	TALYS-6a	0	[8]	16
Pm-144(n,3npa)Ce-137g	TALYS-6a	0		17
Pm-144(n,3npa)Ce-137m	TALYS-6a	0		17
Pm-144(n,dt)Pr-140	TALYS-6a	0	[8]	23
Pm-144(n,n'pd)Pr-141	TALYS-6a	0	[8]	26
Pm-144(n,n'pt)Pr-140	TALYS-6a	0	[8]	22
Pm-144(n,n'dt)Pr-139	TALYS-6a	0	[8]	16
Pm-144(n,n'ph)Ce-140	TALYS-6a	0	[8]	22
Pm-144(n,n'ta)Ce-137g	TALYS-6a	0		24
Pm-144(n,n'ta)Ce-137m	TALYS-6a	0		24
Pm-144(n,2n2p)Pr-141	TALYS-6a	0	[8]	25
Pm-144(n,4n2p)Pr-139	TALYS-6a	0	[8]	12
Pm-144(n,4n2a)La-133	TALYS-6a	0	[8]	12
Pm-144(n,4npa)Ce-136	TALYS-6a	0	[8]	13
Pm-144(n,5n2p)Pr-138g	TALYS-6a	0		7
Pm-144(n,5n2p)Pr-138m	TALYS-6a	0		7
Pm-145(n,2nd)Nd-142	TALYS-6a	0	[8]	28
Pm-145(n,2n)Pm-144	TALYS-6a	0		46
Pm-145(n,3n)Pm-143	TALYS-6a	0		32
Pm-145(n,n'a)Pr-141	TALYS-6a	0		100
Pm-145(n,n'3a)Cs-133	TALYS-6a	0	[8]	21
Pm-145(n,2na)Pr-140	TALYS-6a	0	[8]	40
Pm-145(n,3na)Pr-139	TALYS-6a	0	[8]	27
Pm-145(n,n'p)Nd-144	TALYS-6a	0	[8]	57
Pm-145(n,n'2a)La-137	TALYS-6a	0		100
Pm-145(n,2n2a)La-136g	TALYS-6a	0	[4,8]	26
Pm-145(n,2n2a)La-136m	TALYS-6a	0	[4,7,8,8]	25
Pm-145(n,n'd)Nd-143	TALYS-6a	0	[8]	37
Pm-145(n,n't)Nd-142	TALYS-6a	0	[8]	37
Pm-145(n,n'h)Pr-142g	TALYS-6a	0		29
Pm-145(n,n'h)Pr-142m	TALYS-6a	0		29
Pm-145(n,4n)Pm-142	TALYS-6a	0		22
Pm-145(n,2np)Nd-143	TALYS-6a	0	[8]	34
Pm-145(n,3np)Nd-142	TALYS-6a	0	[8]	27
Pm-145(n,n'2p)Pr-143	TALYS-6a	0	[8]	30
Pm-145(n,n'pa)Ce-140	TALYS-6a	0	[8]	43
Pm-145(n,g)Pm-146	MASGAM	0	[14,13]	83
Pm-145(n,p)Nd-145	TALYS-6a	0	[2]	100
Pm-145(n,d)Nd-144	TALYS-6a	0	[8]	66
Pm-145(n,t)Nd-143	TALYS-6a	0	[8]	56
Pm-145(n,h)Pr-143	TALYS-6a	0	[8]	42
Pm-145(n,a)Pr-142g	TALYS-6a	0	[2]	100
Pm-145(n,a)Pr-142m	TALYS-6a	0	[2]	100
Pm-145(n,2a)La-138	TALYS-6a	0		100
Pm-145(n,2p)Pr-144g	TALYS-6a	0		39
Pm-145(n,2p)Pr-144m	TALYS-6a	0		39
Pm-145(n,pa)Ce-141	TALYS-6a	0		100
Pm-145(n,pd)Pr-143	TALYS-6a	0	[8]	31
Pm-145(n,pt)Pr-142g	TALYS-6a	0		29
Pm-145(n,pt)Pr-142m	TALYS-6a	0		30
Pm-145(n,da)Ce-140	TALYS-6a	0	[8]	46
Pm-145(n,5n)Pm-141	TALYS-6a	0		15
Pm-145(n,6n)Pm-140g	TALYS-6a	0	[4,7,8]	10
Pm-145(n,6n)Pm-140m	TALYS-6a	0	[4,7,8]	9
Pm-145(n,2nt)Nd-141g	TALYS-6a	0		24
Pm-145(n,2nt)Nd-141m	TALYS-6a	0		23
Pm-145(n,ta)Ce-139g	TALYS-6a	0		38
Pm-145(n,ta)Ce-139m	TALYS-6a	0		36
Pm-145(n,4np)Nd-141g	TALYS-6a	0		17
Pm-145(n,4np)Nd-141m	TALYS-6a	0		16
Pm-145(n,3nd)Nd-141g	TALYS-6a	0		18
Pm-145(n,3nd)Nd-141m	TALYS-6a	0		18
Pm-145(n,n'da)Ce-139g	TALYS-6a	0		28
Pm-145(n,n'da)Ce-139m	TALYS-6a	0		28
Pm-145(n,2npa)Ce-139g	TALYS-6a	0		27
Pm-145(n,2npa)Ce-139m	TALYS-6a	0		26
Pm-145(n,5np)Nd-140	TALYS-6a	0		13
Pm-145(n,6np)Nd-139g	TALYS-6a	0		7
Pm-145(n,6np)Nd-139m	TALYS-6a	0		7
Pm-145(n,4na)Pr-138g	TALYS-6a	0		17
Pm-145(n,4na)Pr-138m	TALYS-6a	0		17
Pm-145(n,5na)Pr-137	TALYS-6a	0	[8]	13
Pm-145(n,6na)Pr-136	TALYS-6a	0	[8]	8
Pm-145(n,4nd)Nd-140	TALYS-6a	0		13
Pm-145(n,5nd)Nd-139g	TALYS-6a	0		8
Pm-145(n,5nd)Nd-139m	TALYS-6a	0		8
Pm-145(n,3nt)Nd-140	TALYS-6a	0	[8]	16
Pm-145(n,4nt)Nd-139g	TALYS-6a	0		11
Pm-145(n,4nt)Nd-139m	TALYS-6a	0		11
Pm-145(n,5nt)Nd-138	TALYS-6a	0	[8]	7
Pm-145(n,2nh)Pr-141	TALYS-6a	0	[8]	23
Pm-145(n,3nh)Pr-140	TALYS-6a	0	[8]	15
Pm-145(n,4nh)Pr-139	TALYS-6a	0	[8]	11
Pm-145(n,3n2p)Pr-141	TALYS-6a	0	[8]	16
Pm-145(n,3n2a)La-135	TALYS-6a	0	[8]	18
Pm-145(n,3npa)Ce-138	TALYS-6a	0	[8]	19
Pm-145(n,n'pd)Pr-142g	TALYS-6a	0		23
Pm-145(n,n'pd)Pr-142m	TALYS-6a	0		24
Pm-145(n,n'pt)Pr-141	TALYS-6a	0	[8]	24
Pm-145(n,n'dt)Pr-140	TALYS-6a	0	[8]	16
Pm-145(n,n'ta)Ce-138	TALYS-6a	0	[8]	26
Pm-145(n,2n2p)Pr-142g	TALYS-6a	0		22
Pm-145(n,2n2p)Pr-142m	TALYS-6a	0		22
Pm-145(n,ha)La-139	TALYS-6a	0	[8]	31
Pm-145(n,4n2p)Pr-140	TALYS-6a	0	[8]	12
Pm-145(n,4n2a)La-134	TALYS-6a	0	[8]	12
Pm-145(n,4npa)Ce-137g	TALYS-6a	0		13
Pm-145(n,4npa)Ce-137m	TALYS-6a	0		13
Pm-145(n,5n2p)Pr-139	TALYS-6a	0	[8]	8
Pm-146(n,2nd)Nd-143	TALYS-6a	0	[8]	28
Pm-146(n,2n)Pm-145	TALYS-6a	0		54
Pm-146(n,3n)Pm-144	TALYS-6a	0		33
Pm-146(n,n'a)Pr-142g	TALYS-6a	0		100
Pm-146(n,n'a)Pr-142m	TALYS-6a	0		100
Pm-146(n,2na)Pr-141	TALYS-6a	0	[8]	47
Pm-146(n,3na)Pr-140	TALYS-6a	0	[8]	29
Pm-146(n,n'p)Nd-145	TALYS-6a	0	[8]	54
Pm-146(n,n'2a)La-138	TALYS-6a	0		100
Pm-146(n,2n2a)La-137	TALYS-6a	0	[8]	30
Pm-146(n,n'd)Nd-144	TALYS-6a	0	[8]	40
Pm-146(n,n't)Nd-143	TALYS-6a	0	[8]	37
Pm-146(n,n'h)Pr-143	TALYS-6a	0	[8]	30
Pm-146(n,n'd2a)Ba-136g	TALYS-6a	0		18
Pm-146(n,n'd2a)Ba-136m	TALYS-6a	0		16
Pm-146(n,4n)Pm-143	TALYS-6a	0		26
Pm-146(n,2np)Nd-144	TALYS-6a	0	[8]	38
Pm-146(n,3np)Nd-143	TALYS-6a	0		27
Pm-146(n,n'2p)Pr-144g	TALYS-6a	0		29
Pm-146(n,n'2p)Pr-144m	TALYS-6a	0		29
Pm-146(n,n'pa)Ce-141	TALYS-6a	0	[8]	41
Pm-146(n,g)Pm-147	MASGAM	2	[14,13,12]	119
Pm-146(n,p)Nd-146	TALYS-6a	0	[2]	100
Pm-146(n,d)Nd-145	TALYS-6a	0	[8]	63
Pm-146(n,t)Nd-144	TALYS-6a	0	[8]	64
Pm-146(n,h)Pr-144g	TALYS-6a	0		40
Pm-146(n,h)Pr-144m	TALYS-6a	0		40
Pm-146(n,a)Pr-143	TALYS-6a	0	[2]	100
Pm-146(n,2a)La-139	TALYS-6a	0	[10]	100
Pm-146(n,2p)Pr-145	TALYS-6a	0	[8]	41
Pm-146(n,pa)Ce-142	TALYS-6a	0		100
Pm-146(n,pd)Pr-144g	TALYS-6a	0		30
Pm-146(n,pd)Pr-144m	TALYS-6a	0		30
Pm-146(n,pt)Pr-143	TALYS-6a	0	[8]	31
Pm-146(n,da)Ce-141	TALYS-6a	0	[8]	43
Pm-146(n,5n)Pm-142	TALYS-6a	0		16
Pm-146(n,6n)Pm-141	TALYS-6a	0		12
Pm-146(n,2nt)Nd-142	TALYS-6a	0	[8]	28
Pm-146(n,ta)Ce-140	TALYS-6a	0	[8]	45
Pm-146(n,4np)Nd-142	TALYS-6a	0		21
Pm-146(n,3nd)Nd-142	TALYS-6a	0	[8]	22
Pm-146(n,n'da)Ce-140	TALYS-6a	0	[8]	32
Pm-146(n,2npa)Ce-140	TALYS-6a	0	[8]	31
Pm-146(n,5np)Nd-141g	TALYS-6a	0		14
Pm-146(n,5np)Nd-141m	TALYS-6a	0		13
Pm-146(n,6np)Nd-140	TALYS-6a	0		10
Pm-146(n,4na)Pr-139	TALYS-6a	0	[8]	21
Pm-146(n,5na)Pr-138g	TALYS-6a	0		14
Pm-146(n,5na)Pr-138m	TALYS-6a	0		13
Pm-146(n,6na)Pr-137	TALYS-6a	0	[8]	10
Pm-146(n,4nd)Nd-141g	TALYS-6a	0		14
Pm-146(n,4nd)Nd-141m	TALYS-6a	0		14
Pm-146(n,5nd)Nd-140	TALYS-6a	0	[8]	10
Pm-146(n,3nt)Nd-141g	TALYS-6a	0		18
Pm-146(n,3nt)Nd-141m	TALYS-6a	0		17
Pm-146(n,4nt)Nd-140	TALYS-6a	0	[8]	13
Pm-146(n,5nt)Nd-139g	TALYS-6a	0		8
Pm-146(n,5nt)Nd-139m	TALYS-6a	0		8
Pm-146(n,2nh)Pr-142g	TALYS-6a	0		23
Pm-146(n,2nh)Pr-142m	TALYS-6a	0		23
Pm-146(n,3nh)Pr-141	TALYS-6a	0	[8]	18
Pm-146(n,4nh)Pr-140	TALYS-6a	0	[8]	12
Pm-146(n,3n2p)Pr-142g	TALYS-6a	0		16
Pm-146(n,3n2p)Pr-142m	TALYS-6a	0		16
Pm-146(n,3n2a)La-136g	TALYS-6a	0	[4,8]	19
Pm-146(n,3n2a)La-136m	TALYS-6a	0	[4,7,8,8]	18
Pm-146(n,3npa)Ce-139g	TALYS-6a	0		21
Pm-146(n,3npa)Ce-139m	TALYS-6a	0		20
Pm-146(n,n'pd)Pr-143	TALYS-6a	0	[8]	25
Pm-146(n,n'pt)Pr-142g	TALYS-6a	0		23
Pm-146(n,n'pt)Pr-142m	TALYS-6a	0		23
Pm-146(n,n'dt)Pr-141	TALYS-6a	0	[8]	18
Pm-146(n,n'ta)Ce-139g	TALYS-6a	0		28
Pm-146(n,n'ta)Ce-139m	TALYS-6a	0		27
Pm-146(n,2n2p)Pr-143	TALYS-6a	0	[8]	23
Pm-146(n,ha)La-140	TALYS-6a	0	[8]	29
Pm-146(n,4n2p)Pr-141	TALYS-6a	0	[8]	13
Pm-146(n,4n2a)La-135	TALYS-6a	0	[8]	14
Pm-146(n,4npa)Ce-138	TALYS-6a	0	[8]	14
Pm-146(n,5n2p)Pr-140	TALYS-6a	0	[8]	9
Pm-147(n,2nd)Nd-144	TALYS-6a	0	[8]	28
Pm-147(n,2n)Pm-146	TALYS-6a	0		47
Pm-147(n,3n)Pm-145	TALYS-6a	0		33
Pm-147(n,n'a)Pr-143	TALYS-6a	0		100
Pm-147(n,2na)Pr-142g	TALYS-6a	0		42
Pm-147(n,2na)Pr-142m	TALYS-6a	0		42
Pm-147(n,3na)Pr-141	TALYS-6a	0	[8]	31
Pm-147(n,n'p)Nd-146	TALYS-6a	0	[8]	54
Pm-147(n,n'2a)La-139	TALYS-6a	0		100
Pm-147(n,2n2a)La-138	TALYS-6a	0	[8]	30
Pm-147(n,n'd)Nd-145	TALYS-6a	0	[8]	37
Pm-147(n,n't)Nd-144	TALYS-6a	0	[8]	37
Pm-147(n,n'h)Pr-144g	TALYS-6a	0		28

Pm-147(n,n'h)Pr-144m	TALYS-6a	0		28	Pm-148(n,5np)Nd-143	TALYS-6a	0	15
Pm-147(n,n'd2a)Ba-137g	TALYS-6a	0		17	Pm-148(n,6np)Nd-142	TALYS-6a	0	12
Pm-147(n,n'd2a)Ba-137m	TALYS-6a	0		16	Pm-148(n,7np)Nd-141g	TALYS-6a	0	7
Pm-147(n,4n)Pm-144	TALYS-6a	0		25	Pm-148(n,7np)Nd-141m	TALYS-6a	0	6
Pm-147(n,2np)Nd-145	TALYS-6a	0 [8]		34	Pm-148(n,4na)Pr-141	TALYS-6a	0 [8]	25
Pm-147(n,3np)Nd-144	TALYS-6a	0 [8]		27	Pm-148(n,5na)Pr-140	TALYS-6a	0 [8]	16
Pm-147(n,n'2p)Pr-145	TALYS-6a	0 [8]		28	Pm-148(n,6na)Pr-139	TALYS-6a	0 [8]	12
Pm-147(n,n'pa)Ce-142	TALYS-6a	0		39	Pm-148(n,4nd)Nd-143	TALYS-6a	0	16
>Pm-147(n,g)Pm-148g	JEF-2.2	2 [14,13,3]		6398	Pm-148(n,5nd)Nd-142	TALYS-6a	0 [8]	12
>Pm-147(n,g)Pm-148m	JEF-2.2	2 [14,13,3]		6398	Pm-148(n,6nd)Nd-141g	TALYS-6a	0	8
Pm-147(n,p)Nd-147	TALYS-6a	0 [2,8]		81	Pm-148(n,6nd)Nd-141m	TALYS-6a	0	7
Pm-147(n,d)Nd-146	TALYS-6a	0 [8]		62	Pm-148(n,3nt)Nd-143	TALYS-6a	0 [8]	20
Pm-147(n,t)Nd-145	TALYS-6a	0 [8]		54	Pm-148(n,4nt)Nd-142	TALYS-6a	0 [8]	15
Pm-147(n,h)Pr-145	TALYS-6a	0 [8]		39	Pm-148(n,5nt)Nd-141g	TALYS-6a	0	10
Pm-147(n,a)Pr-144g	TALYS-6a	0 [9,2,3]		6493	Pm-148(n,5nt)Nd-141m	TALYS-6a	0	10
Pm-147(n,a)Pr-144m	TALYS-6a	0 [9,2,3]		6493	Pm-148(n,2nh)Pr-144g	TALYS-6a	0	23
Pm-147(n,2a)La-140	TALYS-6a	0 [10]		100	Pm-148(n,2nh)Pr-144m	TALYS-6a	0	23
Pm-147(n,2p)Pr-146	TALYS-6a	0 [8,7,8]		35	Pm-148(n,3nh)Pr-143	TALYS-6a	0 [8]	17
Pm-147(n,pa)Ce-143	TALYS-6a	0		100	Pm-148(n,4nh)Pr-142g	TALYS-6a	0	13
Pm-147(n,pd)Pr-145	TALYS-6a	0 [8]		29	Pm-148(n,4nh)Pr-142m	TALYS-6a	0	13
Pm-147(n,da)Ce-142	TALYS-6a	0 [8]		41	Pm-148(n,3n2p)Pr-144g	TALYS-6a	0	16
Pm-147(n,5n)Pm-143	TALYS-6a	0		18	Pm-148(n,3n2p)Pr-144m	TALYS-6a	0	16
Pm-147(n,6n)Pm-142	TALYS-6a	0		12	Pm-148(n,3n2a)La-138	TALYS-6a	0 [8]	23
Pm-147(n,2nt)Nd-143	TALYS-6a	0 [8]		26	Pm-148(n,3npa)Ce-141	TALYS-6a	0 [8]	22
Pm-147(n,ta)Ce-141	TALYS-6a	0 [8]		39	Pm-148(n,n'pd)Pr-145	TALYS-6a	0 [8]	23
Pm-147(n,4np)Nd-143	TALYS-6a	0 [8]		19	Pm-148(n,n'pt)Pr-144g	TALYS-6a	0	22
Pm-147(n,3nd)Nd-143	TALYS-6a	0 [8]		21	Pm-148(n,n'pt)Pr-144m	TALYS-6a	0	22
Pm-147(n,n'da)Ce-141	TALYS-6a	0 [8]		29	Pm-148(n,n'dt)Pr-143	TALYS-6a	0 [8]	18
Pm-147(n,2npa)Ce-141	TALYS-6a	0 [8]		28	Pm-148(n,n'ta)Ce-141	TALYS-6a	0 [8]	29
Pm-147(n,7n)Pm-141	TALYS-6a	0		8	Pm-148(n,2n2p)Pr-145	TALYS-6a	0 [8]	22
Pm-147(n,5np)Nd-142	TALYS-6a	0		15	Pm-148(n,4n2p)Pr-143	TALYS-6a	0 [8]	13
Pm-147(n,6np)Nd-141g	TALYS-6a	0		10	Pm-148(n,4n2a)La-137	TALYS-6a	0 [8]	15
Pm-147(n,6np)Nd-141m	TALYS-6a	0		9	Pm-148(n,4npa)Ce-140	TALYS-6a	0 [8]	16
Pm-147(n,7np)Nd-140	TALYS-6a	0		6	Pm-148(n,3n2pa)La-140	TALYS-6a	0 [8]	12
Pm-147(n,4na)Pr-140	TALYS-6a	0 [8]		21	Pm-148(n,5n2p)Pr-142g	TALYS-6a	0	9
Pm-147(n,5na)Pr-139	TALYS-6a	0 [8]		15	Pm-148(n,5n2p)Pr-142m	TALYS-6a	0	10
Pm-147(n,6na)Pr-138g	TALYS-6a	0		9	Pm-148m(n,n')Pm-148g	TALYS-6a	0 [8]	97
Pm-147(n,6na)Pr-138m	TALYS-6a	0		9	Pm-148m(n,2nd)Nd-145	TALYS-6a	0 [8]	28
Pm-147(n,4nd)Nd-142	TALYS-6a	0 [8]		15	Pm-148m(n,2n)Pm-147	TALYS-6a	0 [8]	56
Pm-147(n,5nd)Nd-141g	TALYS-6a	0		10	Pm-148m(n,3n)Pm-146	TALYS-6a	0	34
Pm-147(n,5nd)Nd-141m	TALYS-6a	0		10	Pm-148m(n,n'a)Pr-144g	TALYS-6a	0	100
Pm-147(n,6nd)Nd-140	TALYS-6a	0 [8]		6	Pm-148m(n,n'a)Pr-144m	TALYS-6a	0	100
Pm-147(n,3nt)Nd-142	TALYS-6a	0 [8]		20	Pm-148m(n,2na)Pr-143	TALYS-6a	0 [8]	45
Pm-147(n,4nt)Nd-141g	TALYS-6a	0		13	Pm-148m(n,3na)Pr-142g	TALYS-6a	0	31
Pm-147(n,4nt)Nd-141m	TALYS-6a	0		13	Pm-148m(n,3na)Pr-142m	TALYS-6a	0	31
Pm-147(n,5nt)Nd-140	TALYS-6a	0 [8]		9	Pm-148m(n,n'p)Nd-147	TALYS-6a	0 [8]	51
Pm-147(n,2nh)Pr-143	TALYS-6a	0 [8]		23	Pm-148m(n,n'2a)La-140	TALYS-6a	0	100
Pm-147(n,3nh)Pr-142g	TALYS-6a	0		16	Pm-148m(n,2n2a)La-139	TALYS-6a	0 [8]	37
Pm-147(n,3nh)Pr-142m	TALYS-6a	0		16	Pm-148m(n,n'd)Nd-146	TALYS-6a	0 [8]	40
Pm-147(n,4nh)Pr-141	TALYS-6a	0 [8]		13	Pm-148m(n,n't)Nd-145	TALYS-6a	0 [8]	37
Pm-147(n,3n2p)Pr-143	TALYS-6a	0 [8]		16	Pm-148m(n,n'h)Pr-145	TALYS-6a	0 [8]	30
Pm-147(n,3n2a)La-137	TALYS-6a	0 [8]		21	Pm-148m(n,4n)Pm-145	TALYS-6a	0	27
Pm-147(n,3npa)Ce-140	TALYS-6a	0 [8]		23	Pm-148m(n,2np)Nd-146	TALYS-6a	0 [8]	37
Pm-147(n,n'pd)Pr-144g	TALYS-6a	0		22	Pm-148m(n,3np)Nd-145	TALYS-6a	0 [8]	27
Pm-147(n,n'pd)Pr-144m	TALYS-6a	0		22	Pm-148m(n,n'2p)Pr-146	TALYS-6a	0 [8,7,8]	27
Pm-147(n,n'pt)Pr-143	TALYS-6a	0 [8]		23	Pm-148m(n,n'pa)Ce-143	TALYS-6a	0 [8]	38
Pm-147(n,n'dt)Pr-142g	TALYS-6a	0		16	Pm-148m(n,g)Pm-149	JEF-2.2	2 [13]	582
Pm-147(n,n'dt)Pr-142m	TALYS-6a	0		16	Pm-148m(n,p)Nd-148	TALYS-6a	0 [2]	100
Pm-147(n,n'ta)Ce-140	TALYS-6a	0 [8]		30	Pm-148m(n,d)Nd-147	TALYS-6a	0 [8]	59
Pm-147(n,2n2p)Pr-144g	TALYS-6a	0		21	Pm-148m(n,t)Nd-146	TALYS-6a	0 [8]	62
Pm-147(n,2n2p)Pr-144m	TALYS-6a	0		21	Pm-148m(n,h)Pr-146	TALYS-6a	0 [8,7,8]	36
Pm-147(n,ha)La-141	TALYS-6a	0 [8]		28	Pm-148m(n,a)Pr-145	TALYS-6a	0 [2]	100
Pm-147(n,4n2p)Pr-142g	TALYS-6a	0		12	Pm-148m(n,2a)La-141	TALYS-6a	0 [10]	100
Pm-147(n,4n2p)Pr-142m	TALYS-6a	0		12	Pm-148m(n,2p)Pr-147	TALYS-6a	0 [8]	37
Pm-147(n,4n2a)La-136g	TALYS-6a	0 [4,8]		13	Pm-148m(n,pa)Ce-144	TALYS-6a	0	100
Pm-147(n,4n2a)La-136m	TALYS-6a	0 [4,7,8,8]		12	Pm-148m(n,pd)Pr-146	TALYS-6a	0 [8,7,8]	29
Pm-147(n,4npa)Ce-139g	TALYS-6a	0		14	Pm-148m(n,da)Ce-143	TALYS-6a	0 [8]	40
Pm-147(n,4npa)Ce-139m	TALYS-6a	0		14	Pm-148m(n,5n)Pm-144	TALYS-6a	0	19
Pm-147(n,3n2pa)La-139	TALYS-6a	0 [8]		13	Pm-148m(n,6n)Pm-143	TALYS-6a	0	14
Pm-147(n,5n2p)Pr-141	TALYS-6a	0 [8]		9	Pm-148m(n,2nt)Nd-144	TALYS-6a	0 [8]	28
Pm-148(n,n')Pm-148m	TALYS-6a	0		89	Pm-148m(n,ta)Ce-142	TALYS-6a	0 [8]	42
Pm-148(n,2nd)Nd-145	TALYS-6a	0 [8]		28	Pm-148m(n,4np)Nd-144	TALYS-6a	0 [8]	21
Pm-148(n,2n)Pm-147	TALYS-6a	0		56	Pm-148m(n,3nd)Nd-144	TALYS-6a	0 [8]	22
Pm-148(n,3n)Pm-146	TALYS-6a	0		34	Pm-148m(n,n'da)Ce-142	TALYS-6a	0 [8]	31
Pm-148(n,n'a)Pr-144g	TALYS-6a	0		100	Pm-148m(n,2npa)Ce-142	TALYS-6a	0 [8]	29
Pm-148(n,n'a)Pr-144m	TALYS-6a	0		100	Pm-148m(n,7n)Pm-142	TALYS-6a	0	9
Pm-148(n,2na)Pr-143	TALYS-6a	0 [8]		45	Pm-148m(n,5np)Nd-143	TALYS-6a	0	15
Pm-148(n,3na)Pr-142g	TALYS-6a	0		31	Pm-148m(n,6np)Nd-142	TALYS-6a	0	12
Pm-148(n,3na)Pr-142m	TALYS-6a	0		31	Pm-148m(n,7np)Nd-141g	TALYS-6a	0	7
Pm-148(n,n'p)Nd-147	TALYS-6a	0 [8]		51	Pm-148m(n,7np)Nd-141m	TALYS-6a	0	6
Pm-148(n,n'2a)La-140	TALYS-6a	0		100	Pm-148m(n,4na)Pr-141	TALYS-6a	0 [8]	25
Pm-148(n,2n2a)La-139	TALYS-6a	0 [8]		36	Pm-148m(n,5na)Pr-140	TALYS-6a	0 [8]	16
Pm-148(n,n'd)Nd-146	TALYS-6a	0 [8]		40	Pm-148m(n,6na)Pr-139	TALYS-6a	0 [8]	12
Pm-148(n,n't)Nd-145	TALYS-6a	0 [8]		37	Pm-148m(n,4nd)Nd-143	TALYS-6a	0	16
Pm-148(n,n'h)Pr-145	TALYS-6a	0 [8]		29	Pm-148m(n,5nd)Nd-142	TALYS-6a	0 [8]	12
Pm-148(n,4n)Pm-145	TALYS-6a	0		27	Pm-148m(n,6nd)Nd-141g	TALYS-6a	0	8
Pm-148(n,2np)Nd-146	TALYS-6a	0 [8]		37	Pm-148m(n,6nd)Nd-141m	TALYS-6a	0	7
Pm-148(n,3np)Nd-145	TALYS-6a	0 [8]		27	Pm-148m(n,3nt)Nd-143	TALYS-6a	0 [8]	20
Pm-148(n,n'2p)Pr-146	TALYS-6a	0 [8,7,8]		27	Pm-148m(n,4nt)Nd-142	TALYS-6a	0 [8]	15
Pm-148(n,n'pa)Ce-143	TALYS-6a	0 [8]		37	Pm-148m(n,5nt)Nd-141g	TALYS-6a	0	10
>Pm-148(n,g)Pm-149	JEF-2.2	4 [13,12]		149	Pm-148m(n,5nt)Nd-141m	TALYS-6a	0	10
Pm-148(n,p)Nd-148	TALYS-6a	0 [2]		100	Pm-148m(n,2nh)Pr-144g	TALYS-6a	0	23
Pm-148(n,d)Nd-147	TALYS-6a	0 [8]		59	Pm-148m(n,2nh)Pr-144m	TALYS-6a	0	23
Pm-148(n,t)Nd-146	TALYS-6a	0 [8]		62	Pm-148m(n,3nh)Pr-143	TALYS-6a	0 [8]	18
Pm-148(n,h)Pr-146	TALYS-6a	0 [8,7,8]		37	Pm-148m(n,4nh)Pr-142g	TALYS-6a	0	13
Pm-148(n,a)Pr-145	TALYS-6a	0 [2]		100	Pm-148m(n,4nh)Pr-142m	TALYS-6a	0	13
Pm-148(n,2a)La-141	TALYS-6a	0 [10]		100	Pm-148m(n,3n2p)Pr-144g	TALYS-6a	0	16
Pm-148(n,2p)Pr-147	TALYS-6a	0 [8]		37	Pm-148m(n,3n2p)Pr-144m	TALYS-6a	0	16
Pm-148(n,pa)Ce-144	TALYS-6a	0		100	Pm-148m(n,3n2a)La-138	TALYS-6a	0 [8]	24
Pm-148(n,pd)Pr-146	TALYS-6a	0 [8,7,8]		28	Pm-148m(n,3npa)Ce-141	TALYS-6a	0 [8]	22
Pm-148(n,da)Ce-143	TALYS-6a	0 [8]		40	Pm-148m(n,n'pd)Pr-145	TALYS-6a	0 [8]	24
Pm-148(n,5n)Pm-144	TALYS-6a	0		19	Pm-148m(n,n'pt)Pr-144g	TALYS-6a	0	23
Pm-148(n,6n)Pm-143	TALYS-6a	0		14	Pm-148m(n,n'pt)Pr-144m	TALYS-6a	0	23
Pm-148(n,2nt)Nd-144	TALYS-6a	0 [8]		28	Pm-148m(n,n'dt)Pr-143	TALYS-6a	0 [8]	18
Pm-148(n,4np)Nd-144	TALYS-6a	0 [8]		21	Pm-148m(n,n'ta)Ce-141	TALYS-6a	0 [8]	30
Pm-148(n,3nd)Nd-144	TALYS-6a	0 [8]		22	Pm-148m(n,2n2p)Pr-145	TALYS-6a	0 [8]	22
Pm-148(n,n'da)Ce-142	TALYS-6a	0 [8]		30	Pm-148m(n,4n2p)Pr-143	TALYS-6a	0 [8]	13
Pm-148(n,2npa)Ce-142	TALYS-6a	0 [8]		29	Pm-148m(n,4n2a)La-137	TALYS-6a	0 [8]	16
Pm-148(n,7n)Pm-142	TALYS-6a	0		9	Pm-148m(n,4npa)Ce-140	TALYS-6a	0 [8]	17

Pm-148m(n,3n2pa)La-140	TALYS-6a	0 [8]	12		Pm-150(n,7n)Pm-144	TALYS-6a	0	11
Pm-148m(n,5n2p)Pr-142g	TALYS-6a	0	9		Pm-150(n,8n)Pm-143	TALYS-6a	0	8
Pm-148m(n,5n2p)Pr-142m	TALYS-6a	0	10		Pm-150(n,5np)Nd-145	TALYS-6a	0 [8]	15
Pm-149(n,2nd)Nd-146	TALYS-6a	0 [8]	29		Pm-150(n,6np)Nd-144	TALYS-6a	0 [8]	12
Pm-149(n,2n)Pm-148g	TALYS-6a	0	49		Pm-150(n,7np)Nd-143	TALYS-6a	0 [8]	8
Pm-149(n,2n)Pm-148m	TALYS-6a	0	48		Pm-150(n,4na)Pr-143	TALYS-6a	0 [8]	25
Pm-149(n,3n)Pm-147	TALYS-6a	0	35		Pm-150(n,5na)Pr-142g	TALYS-6a	0	18
Pm-149(n,n'a)Pr-145	TALYS-6a	0	100		Pm-150(n,5na)Pr-142m	TALYS-6a	0	18
Pm-149(n,2na)Pr-144g	TALYS-6a	0	42		Pm-150(n,6na)Pr-141	TALYS-6a	0 [8]	14
Pm-149(n,2na)Pr-144m	TALYS-6a	0	42		Pm-150(n,7na)Pr-140	TALYS-6a	0 [8]	9
Pm-149(n,3na)Pr-143	TALYS-6a	0 [8]	31		Pm-150(n,4nd)Nd-145	TALYS-6a	0 [8]	16
Pm-149(n,n'p)Nd-148	TALYS-6a	0 [8]	51		Pm-150(n,5nd)Nd-144	TALYS-6a	0 [8]	13
Pm-149(n,n'2a)La-141	TALYS-6a	0	100		Pm-150(n,6nd)Nd-143	TALYS-6a	0 [8]	9
Pm-149(n,2n2a)La-140	TALYS-6a	0 [8]	30		Pm-150(n,3nt)Nd-145	TALYS-6a	0 [8]	21
Pm-149(n,n'd)Nd-147	TALYS-6a	0 [8]	36		Pm-150(n,4nt)Nd-144	TALYS-6a	0 [8]	16
Pm-149(n,n't)Nd-146	TALYS-6a	0 [8]	37		Pm-150(n,5nt)Nd-143	TALYS-6a	0 [8]	12
Pm-149(n,n'h)Pr-146	TALYS-6a	0 [8,7,8]	27		Pm-150(n,6nt)Nd-142	TALYS-6a	0 [8]	9
Pm-149(n,4n)Pm-146	TALYS-6a	0	26		Pm-150(n,2nh)Pr-146	TALYS-6a	0 [8,7,8]	22
Pm-149(n,2np)Nd-147	TALYS-6a	0 [8]	33		Pm-150(n,3nh)Pr-145	TALYS-6a	0 [8]	17
Pm-149(n,3np)Nd-146	TALYS-6a	0 [8]	27		Pm-150(n,4nh)Pr-144g	TALYS-6a	0	13
Pm-149(n,n'2p)Pr-147	TALYS-6a	0 [8]	27		Pm-150(n,4nh)Pr-144m	TALYS-6a	0	13
Pm-149(n,n'pa)Ce-144	TALYS-6a	0 [8]	36		Pm-150(n,3n2p)Pr-146	TALYS-6a	0 [8,7,8]	16
Pm-149(n,g)Pm-150	TALYS-6	4 [12,4]	147		Pm-150(n,3n2a)La-140	TALYS-6a	0 [8]	24
Pm-149(n,p)Nd-149	TALYS-6a	0 [2,8]	77		Pm-150(n,3npa)Ce-143	TALYS-6a	0 [8]	21
Pm-149(n,d)Nd-148	TALYS-6a	0 [8]	59		Pm-150(n,n'pd)Pr-147	TALYS-6a	0 [8]	22
Pm-149(n,t)Nd-147	TALYS-6a	0 [8]	52		Pm-150(n,n'pt)Pr-146	TALYS-6a	0 [8,7,8]	22
Pm-149(n,h)Pr-147	TALYS-6a	0 [8]	35		Pm-150(n,n'dt)Pr-145	TALYS-6a	0 [8]	17
Pm-149(n,a)Pr-146	TALYS-6a	0 [2]	100		Pm-150(n,n'ta)Ce-143	TALYS-6a	0 [8]	28
Pm-149(n,2p)Pr-148g	TALYS-6a	0	31		Pm-150(n,2n2p)Pr-147	TALYS-6a	0 [8]	21
Pm-149(n,2p)Pr-148m	TALYS-6a	0	31		Pm-150(n,4n2p)Pr-145	TALYS-6a	0 [8]	13
Pm-149(n,pd)Pr-147	TALYS-6a	0 [8]	28		Pm-150(n,4n2a)La-139	TALYS-6a	0 [8]	20
Pm-149(n,5n)Pm-145	TALYS-6a	0	19		Pm-150(n,4npa)Ce-142	TALYS-6a	0 [8]	16
Pm-149(n,6n)Pm-144	TALYS-6a	0	14		Pm-150(n,5n2p)Pr-144g	TALYS-6a	0	10
Pm-149(n,2nt)Nd-145	TALYS-6a	0 [8]	27		Pm-150(n,5n2p)Pr-144m	TALYS-6a	0	10
Pm-149(n,4np)Nd-145	TALYS-6a	0 [8]	19		Pm-151(n,2nd)Nd-148	TALYS-6a	0 [8]	28
Pm-149(n,3nd)Nd-145	TALYS-6a	0 [8]	21		Pm-151(n,2n)Pm-150	TALYS-6a	0	46
Pm-149(n,n'da)Ce-143	TALYS-6a	0 [8]	28		Pm-151(n,3n)Pm-149	TALYS-6a	0	34
Pm-149(n,2npa)Ce-143	TALYS-6a	0 [8]	27		Pm-151(n,n'a)Pr-147	TALYS-6a	0 [8]	64
Pm-149(n,7n)Pm-143	TALYS-6a	0	11		Pm-151(n,2na)Pr-146	TALYS-6a	0 [8,7,8]	39
Pm-149(n,5np)Nd-144	TALYS-6a	0	15		Pm-151(n,3na)Pr-145	TALYS-6a	0	30
Pm-149(n,6np)Nd-143	TALYS-6a	0 [8]	11		Pm-151(n,n'p)Nd-150	TALYS-6a	0 [8]	46
Pm-149(n,7np)Nd-142	TALYS-6a	0	8		Pm-151(n,n'2a)La-143	TALYS-6a	0 [8]	38
Pm-149(n,4na)Pr-142g	TALYS-6a	0	23		Pm-151(n,2n2a)La-142	TALYS-6a	0 [8]	28
Pm-149(n,4na)Pr-142m	TALYS-6a	0	23		Pm-151(n,n'd)Nd-149	TALYS-6a	0 [8]	34
Pm-149(n,5na)Pr-141	TALYS-6a	0 [8]	18		Pm-151(n,n't)Nd-148	TALYS-6a	0 [8]	36
Pm-149(n,6na)Pr-140	TALYS-6a	0 [8]	12		Pm-151(n,n'h)Pr-148g	TALYS-6a	0	26
Pm-149(n,7na)Pr-139	TALYS-6a	0 [8]	8		Pm-151(n,n'h)Pr-148m	TALYS-6a	0	25
Pm-149(n,4nd)Nd-144	TALYS-6a	0 [8]	16		Pm-151(n,4n)Pm-148g	TALYS-6a	0	26
Pm-149(n,5nd)Nd-143	TALYS-6a	0 [8]	12		Pm-151(n,4n)Pm-148m	TALYS-6a	0	25
Pm-149(n,6nd)Nd-142	TALYS-6a	0 [8]	9		Pm-151(n,2np)Nd-149	TALYS-6a	0 [8]	31
Pm-149(n,3nt)Nd-144	TALYS-6a	0 [8]	21		Pm-151(n,3np)Nd-148	TALYS-6a	0 [8]	26
Pm-149(n,4nt)Nd-143	TALYS-6a	0 [8]	15		Pm-151(n,n'2p)Pr-149	TALYS-6a	0 [8]	24
Pm-149(n,5nt)Nd-142	TALYS-6a	0 [8]	11		Pm-151(n,n'pa)Ce-146	TALYS-6a	0 [8,7,8]	31
Pm-149(n,2nh)Pr-145	TALYS-6a	0 [8]	23		>Pm-151(n,g)Pm-152g	TALYS-5a	0	100
Pm-149(n,3nh)Pr-144g	TALYS-6a	0	16		>Pm-151(n,g)Pm-152m	TALYS-5a	0	100
Pm-149(n,3nh)Pr-144m	TALYS-6a	0	16		>Pm-151(n,g)Pm-152n	TALYS-5a	0	100
Pm-149(n,4nh)Pr-143	TALYS-6a	0 [8]	13		Pm-151(n,p)Nd-151	TALYS-6a	0 [2,8]	73
Pm-149(n,3n2p)Pr-145	TALYS-6a	0 [8]	16		Pm-151(n,d)Nd-150	TALYS-6a	0 [8]	54
Pm-149(n,3n2a)La-139	TALYS-6a	0 [8]	26		Pm-151(n,t)Nd-149	TALYS-6a	0 [8]	46
Pm-149(n,3npa)Ce-142	TALYS-6a	0 [8]	21		Pm-151(n,h)Pr-149	TALYS-6a	0 [8]	33
Pm-149(n,n'pd)Pr-146	TALYS-6a	0 [8,7,8]	21		Pm-151(n,a)Pr-148g	TALYS-6a	0 [2]	100
Pm-149(n,n'pt)Pr-145	TALYS-6a	0 [8]	22		Pm-151(n,a)Pr-148m	TALYS-6a	0 [2]	100
Pm-149(n,n'ta)Ce-142	TALYS-6a	0 [8]	29		Pm-151(n,2p)Pr-150	TALYS-6a	0 [8]	29
Pm-149(n,2n2p)Pr-146	TALYS-6a	0 [8,7,8]	20		Pm-151(n,pd)Pr-149	TALYS-6a	0 [8]	26
Pm-149(n,4n2p)Pr-144g	TALYS-6a	0	12		Pm-151(n,5n)Pm-147	TALYS-6a	0	20
Pm-149(n,4n2p)Pr-144m	TALYS-6a	0	12		Pm-151(n,6n)Pm-146	TALYS-6a	0	14
Pm-149(n,4n2a)La-138	TALYS-6a	0 [8]	16		Pm-151(n,2nt)Nd-147	TALYS-6a	0 [8]	26
Pm-149(n,4npa)Ce-141	TALYS-6a	0 [8]	15		Pm-151(n,4np)Nd-147	TALYS-6a	0 [8]	19
Pm-149(n,3n2pa)La-141	TALYS-6a	0 [8]	11		Pm-151(n,3nd)Nd-147	TALYS-6a	0 [8]	20
Pm-149(n,5n2p)Pr-143	TALYS-6a	0 [8]	9		Pm-151(n,n'da)Ce-145	TALYS-6a	0 [8]	26
Pm-150(n,2nd)Nd-147	TALYS-6a	0 [8]	28		Pm-151(n,2npa)Ce-145	TALYS-6a	0 [8]	24
Pm-150(n,2n)Pm-149	TALYS-6a	0	57		Pm-151(n,7n)Pm-145	TALYS-6a	0	11
Pm-150(n,3n)Pm-148g	TALYS-6a	0	36		Pm-151(n,8n)Pm-144	TALYS-6a	0	7
Pm-150(n,3n)Pm-148m	TALYS-6a	0	35		Pm-151(n,5np)Nd-146	TALYS-6a	0	15
Pm-150(n,n'a)Pr-146	TALYS-6a	0	100		Pm-151(n,6np)Nd-145	TALYS-6a	0 [8]	11
Pm-150(n,2na)Pr-145	TALYS-6a	0 [8]	45		Pm-151(n,7np)Nd-144	TALYS-6a	0 [8]	8
Pm-150(n,3na)Pr-144g	TALYS-6a	0	31		Pm-151(n,4na)Pr-144g	TALYS-6a	0	23
Pm-150(n,3na)Pr-144m	TALYS-6a	0	31		Pm-151(n,4na)Pr-144m	TALYS-6a	0	23
Pm-150(n,n'p)Nd-149	TALYS-6a	0 [8]	48		Pm-151(n,5na)Pr-143	TALYS-6a	0 [8]	17
Pm-150(n,n'2a)La-142	TALYS-6a	0	100		Pm-151(n,6na)Pr-142g	TALYS-6a	0	13
Pm-150(n,2n2a)La-141	TALYS-6a	0 [8]	32		Pm-151(n,6na)Pr-142m	TALYS-6a	0	13
Pm-150(n,n'd)Nd-148	TALYS-6a	0 [8]	39		Pm-151(n,7na)Pr-141	TALYS-6a	0 [8]	10
Pm-150(n,n't)Nd-147	TALYS-6a	0 [8]	37		Pm-151(n,4nd)Nd-146	TALYS-6a	0	16
Pm-150(n,n'h)Pr-147	TALYS-6a	0 [8]	28		Pm-151(n,5nd)Nd-145	TALYS-6a	0 [8]	12
Pm-150(n,4n)Pm-147	TALYS-6a	0	28		Pm-151(n,6nd)Nd-144	TALYS-6a	0 [8]	9
Pm-150(n,2np)Nd-148	TALYS-6a	0 [8]	36		Pm-151(n,3nt)Nd-146	TALYS-6a	0 [8]	21
Pm-150(n,3np)Nd-147	TALYS-6a	0	27		Pm-151(n,4nt)Nd-145	TALYS-6a	0 [8]	15
Pm-150(n,n'2p)Pr-148g	TALYS-6a	0	26		Pm-151(n,5nt)Nd-144	TALYS-6a	0 [8]	12
Pm-150(n,n'2p)Pr-148m	TALYS-6a	0	26		Pm-151(n,6nt)Nd-143	TALYS-6a	0 [8]	8
Pm-150(n,n'pa)Ce-145	TALYS-6a	0 [8]	34		Pm-151(n,2nh)Pr-147	TALYS-6a	0 [8]	21
Pm-150(n,g)Pm-151	MASGAM	0 [14,13]	83		Pm-151(n,3nh)Pr-146	TALYS-6a	0 [8,7,8]	15
Pm-150(n,p)Nd-150	TALYS-6a	0 [2]	100		Pm-151(n,4nh)Pr-145	TALYS-6a	0 [8]	13
Pm-150(n,d)Nd-149	TALYS-6a	0 [8]	56		Pm-151(n,3n2p)Pr-147	TALYS-6a	0 [8]	15
Pm-150(n,t)Nd-148	TALYS-6a	0 [8]	61		Pm-151(n,3n2a)La-141	TALYS-6a	0 [8]	23
Pm-150(n,h)Pr-148g	TALYS-6a	0	35		Pm-151(n,3npa)Ce-144	TALYS-6a	0 [8]	19
Pm-150(n,h)Pr-148m	TALYS-6a	0	35		Pm-151(n,n'pd)Pr-148g	TALYS-6a	0	19
Pm-150(n,a)Pr-147	TALYS-6a	0 [2]	100		Pm-151(n,n'pd)Pr-148m	TALYS-6a	0	19
Pm-150(n,2a)La-143	TALYS-6a	0	100		Pm-151(n,n'pt)Pr-147	TALYS-6a	0 [8]	20
Pm-150(n,2p)Pr-149	TALYS-6a	0 [8]	33		Pm-151(n,n'ta)Ce-144	TALYS-6a	0 [8]	27
Pm-150(n,pd)Pr-148g	TALYS-6a	0	27		Pm-151(n,2n2p)Pr-148g	TALYS-6a	0	18
Pm-150(n,pd)Pr-148m	TALYS-6a	0	27		Pm-151(n,2n2p)Pr-148m	TALYS-6a	0	18
Pm-150(n,da)Ce-145	TALYS-6a	0 [8]	37		Pm-151(n,4n2p)Pr-146	TALYS-6a	0 [8,7,8]	11
Pm-150(n,5n)Pm-146	TALYS-6a	0	20		Pm-151(n,4n2a)La-140	TALYS-6a	0 [8]	16
Pm-150(n,6n)Pm-145	TALYS-6a	0	15		Pm-151(n,4npa)Ce-143	TALYS-6a	0 [8]	15
Pm-150(n,2nt)Nd-146	TALYS-6a	0 [8]	29		Pm-151(n,5n2p)Pr-145	TALYS-6a	0	9
Pm-150(n,4np)Nd-146	TALYS-6a	0 [8]	21		Sm-144(n,2nd)Pm-141	TALYS-6a	0 [8,7,8]	22
Pm-150(n,3nd)Nd-146	TALYS-6a	0 [8]	23		>Sm-144(n,2n)Sm-143g	TALYS-6a	6 [3]	40
Pm-150(n,n'da)Ce-144	TALYS-6a	0 [8]	29		>Sm-144(n,2n)Sm-143m	TALYS-6a	6 [3]	39
Pm-150(n,2npa)Ce-144	TALYS-6a	0 [8]	28		Sm-144(n,3n)Sm-142	TALYS-6a	0	27

Reaction	Library		Flags	Value
Sm-144(n,n'a)Nd-140	TALYS-6a	0		100
Sm-144(n,2na)Nd-139g	TALYS-6a	0		32
Sm-144(n,2na)Nd-139m	TALYS-6a	0		32
Sm-144(n,3na)Nd-138	TALYS-6a	0	[8]	24
Sm-144(n,n'p)Pm-143	TALYS-6a	0	[8]	50
Sm-144(n,n'2a)Ce-136	TALYS-6a	0	[8]	39
Sm-144(n,2n2a)Ce-135g	TALYS-6a	0		25
Sm-144(n,2n2a)Ce-135m	TALYS-6a	0		24
Sm-144(n,n'd)Pm-142	TALYS-6a	0	[8]	31
Sm-144(n,n't)Pm-141	TALYS-6a	0	[8,7,8]	28
Sm-144(n,n'h)Nd-141g	TALYS-6a	0		29
Sm-144(n,n'h)Nd-141m	TALYS-6a	0		28
Sm-144(n,4n)Sm-141g	TALYS-6a	0		16
Sm-144(n,4n)Sm-141m	TALYS-6a	0		16
Sm-144(n,2np)Pm-142	TALYS-6a	0	[8]	29
Sm-144(n,3np)Pm-141	TALYS-6a	0	[8,7,8]	20
Sm-144(n,n'2p)Nd-142	TALYS-6a	0	[8]	34
Sm-144(n,n'pa)Pr-139	TALYS-6a	0	[8]	34
Sm-144(n,g)Sm-145	JEF-2.2	4	[13,3,12]	227
Sm-144(n,p)Pm-144	TALYS-6	2		100
Sm-144(n,d)Pm-143	TALYS-6a	0	[8]	58
Sm-144(n,t)Pm-142	TALYS-6a	0	[8]	42
Sm-144(n,h)Nd-142	TALYS-6a	0	[8]	50
Sm-144(n,a)Nd-141g	TALYS-6a	0	[2]	100
Sm-144(n,a)Nd-141m	TALYS-6a	0	[2]	100
Sm-144(n,2a)Ce-137g	TALYS-6a	0		100
Sm-144(n,2a)Ce-137m	TALYS-6a	0		100
Sm-144(n,2p)Nd-143	TALYS-6a	0	[8]	48
Sm-144(n,pa)Pr-140	TALYS-6a	0		100
Sm-144(n,pd)Nd-142	TALYS-6a	0	[8]	36
Sm-144(n,pt)Nd-141g	TALYS-6a	0		30
Sm-144(n,pt)Nd-141m	TALYS-6a	0		29
Sm-144(n,da)Pr-139	TALYS-6a	0	[8]	35
Sm-144(n,5n)Sm-140	TALYS-6a	0		12
Sm-144(n,6n)Sm-139g	TALYS-6a	0		6
Sm-144(n,6n)Sm-139m	TALYS-6a	0		6
Sm-144(n,2nt)Pm-140g	TALYS-6a	0	[4,8,7,8]	18
Sm-144(n,2nt)Pm-140m	TALYS-6a	0	[4,7,8,8]	17
Sm-144(n,ta)Pr-138g	TALYS-6a	0		29
Sm-144(n,ta)Pr-138m	TALYS-6a	0		29
Sm-144(n,4np)Pm-140g	TALYS-6a	0	[4,7,8]	14
Sm-144(n,4np)Pm-140m	TALYS-6a	0	[4,7,8]	13
Sm-144(n,3nd)Pm-140g	TALYS-6a	0	[4,8,7,8]	14
Sm-144(n,3nd)Pm-140m	TALYS-6a	0	[4,7,8,8]	13
Sm-144(n,n'da)Pr-138g	TALYS-6a	0		23
Sm-144(n,n'da)Pr-138m	TALYS-6a	0		23
Sm-144(n,2npa)Pr-138g	TALYS-6a	0		22
Sm-144(n,2npa)Pr-138m	TALYS-6a	0		22
Sm-144(n,5np)Pm-139g	TALYS-6a	0		9
Sm-144(n,5np)Pm-139m	TALYS-6a	0		9
Sm-144(n,4na)Nd-137g	TALYS-6a	0		15
Sm-144(n,4na)Nd-137m	TALYS-6a	0		15
Sm-144(n,5na)Nd-136	TALYS-6a	0	[8]	10
Sm-144(n,4nd)Pm-139g	TALYS-6a	0		10
Sm-144(n,4nd)Pm-139m	TALYS-6a	0		10
Sm-144(n,3nt)Pm-139g	TALYS-6a	0		12
Sm-144(n,3nt)Pm-139m	TALYS-6a	0		12
Sm-144(n,4nt)Pm-138g	TALYS-6a	0		7
Sm-144(n,4nt)Pm-138m	TALYS-6a	0		7
Sm-144(n,2nh)Nd-140	TALYS-6a	0	[8]	21
Sm-144(n,3nh)Nd-139g	TALYS-6a	0		14
Sm-144(n,3nh)Nd-139m	TALYS-6a	0		14
Sm-144(n,4nh)Nd-138	TALYS-6a	0	[8]	10
Sm-144(n,3n2p)Nd-140	TALYS-6a	0	[8]	16
Sm-144(n,3n2a)Ce-134	TALYS-6a	0	[8]	16
Sm-144(n,3npa)Pr-137	TALYS-6a	0	[8]	15
Sm-144(n,dt)Nd-140	TALYS-6a	0	[8]	22
Sm-144(n,n'pd)Nd-141g	TALYS-6a	0		24
Sm-144(n,n'pd)Nd-141m	TALYS-6a	0		23
Sm-144(n,n'pt)Nd-140	TALYS-6a	0	[8]	22
Sm-144(n,n'dt)Nd-139g	TALYS-6a	0		14
Sm-144(n,n'dt)Nd-139m	TALYS-6a	0		14
Sm-144(n,n'ph)Pr-140	TALYS-6a	0	[8]	18
Sm-144(n,n'dh)Pr-139	TALYS-6a	0	[8]	13
Sm-144(n,n'ta)Pr-137	TALYS-6a	0	[8]	21
Sm-144(n,2n2p)Nd-141g	TALYS-6a	0		23
Sm-144(n,2n2p)Nd-141m	TALYS-6a	0		22
Sm-144(n,ph)Pr-141	TALYS-6a	0	[8]	28
Sm-144(n,4n2p)Nd-139g	TALYS-6a	0		10
Sm-144(n,4n2p)Nd-139m	TALYS-6a	0		10
Sm-144(n,4n2a)Ce-133g	TALYS-6a	0		11
Sm-144(n,4n2a)Ce-133m	TALYS-6a	0		11
Sm-144(n,4npa)Pr-136	TALYS-6a	0	[8]	10
Sm-144(n,n'3p)Pr-141	TALYS-6a	0	[8]	21
Sm-144(n,3n2pa)Ce-136	TALYS-6a	0	[8]	11
Sm-145(n,2nd)Pm-142	TALYS-6a	0	[8]	24
Sm-145(n,2n)Sm-144	TALYS-6a	0		51
Sm-145(n,3n)Sm-143g	TALYS-6a	0		29
Sm-145(n,3n)Sm-143m	TALYS-6a	0		28
Sm-145(n,n'a)Nd-141g	TALYS-6a	0		100
Sm-145(n,n'a)Nd-141m	TALYS-6a	0		100
Sm-145(n,n'3a)Ba-133g	TALYS-6a	0		21
Sm-145(n,n'3a)Ba-133m	TALYS-6a	0		22
Sm-145(n,2na)Nd-140	TALYS-6a	0	[8]	40
Sm-145(n,3na)Nd-139g	TALYS-6a	0		25
Sm-145(n,3na)Nd-139m	TALYS-6a	0		25
Sm-145(n,n'p)Pm-144	TALYS-6a	0	[8]	48
Sm-145(n,n'2a)Ce-137g	TALYS-6a	0		100
Sm-145(n,n'2a)Ce-137m	TALYS-6a	0		100
Sm-145(n,2n2a)Ce-136	TALYS-6a	0	[8]	28
Sm-145(n,n'd)Pm-143	TALYS-6a	0	[8]	37
Sm-145(n,n't)Pm-142	TALYS-6a	0	[8]	30
Sm-145(n,n'h)Nd-142	TALYS-6a	0	[8]	33
Sm-145(n,4n)Sm-142	TALYS-6a	0		20
Sm-145(n,2np)Pm-143	TALYS-6a	0	[8]	34
Sm-145(n,3np)Pm-142	TALYS-6a	0		23
Sm-145(n,n'2p)Nd-143	TALYS-6a	0	[8]	32
Sm-145(n,n'pa)Pr-140	TALYS-6a	0	[8]	36
Sm-145(n,g)Sm-146	MASGAM	2	[14,13,12]	116
Sm-145(n,p)Pm-145	TALYS-6a	0	[2]	100
Sm-145(n,d)Pm-144	TALYS-6a	0	[8]	57
Sm-145(n,t)Pm-143	TALYS-6a	0	[8]	53
Sm-145(n,h)Nd-143	TALYS-6a	0	[8]	45
Sm-145(n,a)Nd-142	TALYS-6a	0	[2]	100
Sm-145(n,2a)Ce-138	TALYS-6a	0	[10]	100
Sm-145(n,2p)Nd-144	TALYS-6a	0	[8]	52
Sm-145(n,pa)Pr-141	TALYS-6a	0		100
Sm-145(n,pd)Nd-143	TALYS-6a	0	[8]	35
Sm-145(n,pt)Nd-142	TALYS-6a	0	[8]	34
Sm-145(n,da)Pr-140	TALYS-6a	0	[8]	38
Sm-145(n,5n)Sm-141g	TALYS-6a	0		13
Sm-145(n,5n)Sm-141m	TALYS-6a	0		13
Sm-145(n,6n)Sm-140	TALYS-6a	0		9
Sm-145(n,2nt)Pm-141	TALYS-6a	0	[8,7,8]	21
Sm-145(n,ta)Pr-139	TALYS-6a	0	[8]	34
Sm-145(n,4np)Pm-141	TALYS-6a	0	[8,7,8]	15
Sm-145(n,3nd)Pm-141	TALYS-6a	0	[8,7,8]	16
Sm-145(n,n'da)Pr-139	TALYS-6a	0	[8]	27
Sm-145(n,2npa)Pr-139	TALYS-6a	0	[8]	26
Sm-145(n,5np)Pm-140g	TALYS-6a	0	[4,7,8]	10
Sm-145(n,5np)Pm-140m	TALYS-6a	0	[4,7,8]	9
Sm-145(n,6np)Pm-139g	TALYS-6a	0		6
Sm-145(n,6np)Pm-139m	TALYS-6a	0		6
Sm-145(n,4na)Nd-138	TALYS-6a	0	[8]	17
Sm-145(n,5na)Nd-137g	TALYS-6a	0		11
Sm-145(n,5na)Nd-137m	TALYS-6a	0		11
Sm-145(n,6na)Nd-136	TALYS-6a	0	[8]	7
Sm-145(n,4nd)Pm-140g	TALYS-6a	0	[4,8,7,8]	11
Sm-145(n,4nd)Pm-140m	TALYS-6a	0	[4,7,8,8]	9
Sm-145(n,5nd)Pm-139g	TALYS-6a	0		6
Sm-145(n,5nd)Pm-139m	TALYS-6a	0		6
Sm-145(n,3nt)Pm-140g	TALYS-6a	0	[4,8,7,8]	14
Sm-145(n,3nt)Pm-140m	TALYS-6a	0	[4,7,8,8]	12
Sm-145(n,4nt)Pm-139g	TALYS-6a	0		9
Sm-145(n,4nt)Pm-139m	TALYS-6a	0		9
Sm-145(n,2nh)Nd-141g	TALYS-6a	0		23
Sm-145(n,2nh)Nd-141m	TALYS-6a	0		22
Sm-145(n,3nh)Nd-140	TALYS-6a	0	[8]	15
Sm-145(n,4nh)Nd-139g	TALYS-6a	0		10
Sm-145(n,4nh)Nd-139m	TALYS-6a	0		10
Sm-145(n,3n2p)Nd-141g	TALYS-6a	0		16
Sm-145(n,3n2p)Nd-141m	TALYS-6a	0		16
Sm-145(n,3n2a)Ce-135g	TALYS-6a	0		17
Sm-145(n,3n2a)Ce-135m	TALYS-6a	0		17
Sm-145(n,3npa)Pr-138g	TALYS-6a	0		16
Sm-145(n,3npa)Pr-138m	TALYS-6a	0		16
Sm-145(n,dt)Nd-141g	TALYS-6a	0		23
Sm-145(n,dt)Nd-141m	TALYS-6a	0		22
Sm-145(n,n'pd)Nd-142	TALYS-6a	0	[8]	27
Sm-145(n,n'pt)Nd-141g	TALYS-6a	0		23
Sm-145(n,n'pt)Nd-141m	TALYS-6a	0		22
Sm-145(n,n'dt)Nd-140	TALYS-6a	0	[8]	16
Sm-145(n,n'ph)Pr-141	TALYS-6a	0	[8]	21
Sm-145(n,n'dh)Pr-140	TALYS-6a	0	[8]	14
Sm-145(n,n'ta)Pr-138g	TALYS-6a	0		22
Sm-145(n,n'ta)Pr-138m	TALYS-6a	0		22
Sm-145(n,2n2p)Nd-142	TALYS-6a	0	[8]	26
Sm-145(n,4n2p)Nd-140	TALYS-6a	0	[8]	12
Sm-145(n,4n2a)Ce-134	TALYS-6a	0	[8]	13
Sm-145(n,4npa)Pr-137	TALYS-6a	0	[8]	12
Sm-145(n,n'3p)Pr-142g	TALYS-6a	0		18
Sm-145(n,n'3p)Pr-142m	TALYS-6a	0		19
Sm-145(n,3n2pa)Ce-137g	TALYS-6a	0		11
Sm-145(n,3n2pa)Ce-137m	TALYS-6a	0		11
Sm-145(n,5n2p)Nd-139g	TALYS-6a	0		7
Sm-145(n,5n2p)Nd-139m	TALYS-6a	0		7
Sm-146(n,2nd)Pm-143	TALYS-6a	0	[8]	26
Sm-146(n,2n)Sm-145	TALYS-6a	0		45
Sm-146(n,3n)Sm-144	TALYS-6a	0		31
Sm-146(n,n'a)Nd-142	TALYS-6a	0		100
Sm-146(n,n'3a)Ba-134	TALYS-6a	0		100
Sm-146(n,2na)Nd-141g	TALYS-6a	0		39
Sm-146(n,2na)Nd-141m	TALYS-6a	0		38
Sm-146(n,3na)Nd-140	TALYS-6a	0	[8]	27
Sm-146(n,n'p)Pm-145	TALYS-6a	0	[8]	46
Sm-146(n,n'2a)Ce-138	TALYS-6a	0		100
Sm-146(n,2n2a)Ce-137g	TALYS-6a	0		27
Sm-146(n,2n2a)Ce-137m	TALYS-6a	0		26
Sm-146(n,n'd)Pm-144	TALYS-6a	0	[8]	33
Sm-146(n,n't)Pm-143	TALYS-6a	0	[8]	31
Sm-146(n,n'h)Nd-143	TALYS-6a	0	[8]	30
Sm-146(n,4n)Sm-143g	TALYS-6a	0		21
Sm-146(n,4n)Sm-143m	TALYS-6a	0		20
Sm-146(n,2np)Pm-144	TALYS-6a	0		31
Sm-146(n,3np)Pm-143	TALYS-6a	0	[8]	24
Sm-146(n,n'2p)Nd-144	TALYS-6a	0	[8]	31
Sm-146(n,n'pa)Pr-141	TALYS-6a	0	[8]	39
Sm-146(n,g)Sm-147	MASGAM	0	[14,13]	83
Sm-146(n,p)Pm-146	TALYS-6a	0	[2,8]	78
Sm-146(n,d)Pm-145	TALYS-6a	0	[8]	54
Sm-146(n,t)Pm-144	TALYS-6a	0	[8]	45
Sm-146(n,h)Nd-144	TALYS-6a	0	[8]	44
Sm-146(n,a)Nd-143	TALYS-6a	0	[2]	100
Sm-146(n,2a)Ce-139g	TALYS-6a	0	[10]	100
Sm-146(n,2a)Ce-139m	TALYS-6a	0		100
Sm-146(n,2p)Nd-145	TALYS-6a	0	[8]	42
Sm-146(n,pa)Pr-142g	TALYS-6a	0		100
Sm-146(n,pa)Pr-142m	TALYS-6a	0		100
Sm-146(n,pd)Nd-144	TALYS-6a	0	[8]	33
Sm-146(n,pt)Nd-143	TALYS-6a	0	[8]	30
Sm-146(n,da)Pr-141	TALYS-6a	0	[8]	41
Sm-146(n,5n)Sm-142	TALYS-6a	0		14
Sm-146(n,6n)Sm-141g	TALYS-6a	0		9
Sm-146(n,6n)Sm-141m	TALYS-6a	0		9
Sm-146(n,2nt)Pm-142	TALYS-6a	0	[8]	21
Sm-146(n,ta)Pr-140	TALYS-6a	0	[8]	33
Sm-146(n,4np)Pm-142	TALYS-6a	0	[8]	15
Sm-146(n,3nd)Pm-142	TALYS-6a	0	[8]	16

Reaction	Library			Value
Sm-146(n,n'da)Pr-140	TALYS-6a	0	[8]	26
Sm-146(n,2npa)Pr-140	TALYS-6a	0	[8]	25
Sm-146(n,5np)Pm-141	TALYS-6a	0		11
Sm-146(n,6np)Pm-140g	TALYS-6a	0	[4,7,8]	6
Sm-146(n,6np)Pm-140m	TALYS-6a	0	[4,7,8]	5
Sm-146(n,4na)Nd-139g	TALYS-6a	0		17
Sm-146(n,4na)Nd-139m	TALYS-6a	0		16
Sm-146(n,5na)Nd-138	TALYS-6a	0	[8]	12
Sm-146(n,6na)Nd-137g	TALYS-6a	0		7
Sm-146(n,6na)Nd-137m	TALYS-6a	0		7
Sm-146(n,4nd)Pm-141	TALYS-6a	0		12
Sm-146(n,5nd)Pm-140g	TALYS-6a	0	[4,7,8]	7
Sm-146(n,5nd)Pm-140m	TALYS-6a	0	[4,7,8]	6
Sm-146(n,3nt)Pm-141	TALYS-6a	0	[8,7,8]	14
Sm-146(n,4nt)Pm-140g	TALYS-6a	0	[4,8,7,8]	9
Sm-146(n,4nt)Pm-140m	TALYS-6a	0	[4,7,8,8]	8
Sm-146(n,2nh)Nd-142	TALYS-6a	0	[8]	24
Sm-146(n,3nh)Nd-141g	TALYS-6a	0		15
Sm-146(n,3nh)Nd-141m	TALYS-6a	0		15
Sm-146(n,4nh)Nd-140	TALYS-6a	0	[8]	11
Sm-146(n,3n2p)Nd-142	TALYS-6a	0	[8]	17
Sm-146(n,3n2a)Ce-136	TALYS-6a	0	[8]	19
Sm-146(n,3npa)Pr-139	TALYS-6a	0	[8]	17
Sm-146(n,dt)Nd-142	TALYS-6a	0	[8]	24
Sm-146(n,n'pd)Nd-143	TALYS-6a	0	[8]	24
Sm-146(n,n'pt)Nd-142	TALYS-6a	0	[8]	24
Sm-146(n,n'dt)Nd-141g	TALYS-6a	0		15
Sm-146(n,n'dt)Nd-141m	TALYS-6a	0		15
Sm-146(n,n'ph)Pr-142g	TALYS-6a	0		17
Sm-146(n,n'ph)Pr-142m	TALYS-6a	0		17
Sm-146(n,n'ta)Pr-139	TALYS-6a	0	[8]	24
Sm-146(n,2n2p)Nd-143	TALYS-6a	0	[8]	23
Sm-146(n,4n2p)Nd-141g	TALYS-6a	0		12
Sm-146(n,4n2p)Nd-141m	TALYS-6a	0		11
Sm-146(n,4n2a)Ce-135g	TALYS-6a	0		12
Sm-146(n,4n2a)Ce-135m	TALYS-6a	0		12
Sm-146(n,4npa)Pr-138g	TALYS-6a	0		11
Sm-146(n,4npa)Pr-138m	TALYS-6a	0		11
Sm-146(n,5n2p)Nd-140	TALYS-6a	0	[8]	8
Sm-147(n,2nd)Pm-144	TALYS-6a	0	[8]	26
Sm-147(n,2n)Sm-146	TALYS-6a	0		54
Sm-147(n,3n)Sm-145	TALYS-6a	0		32
Sm-147(n,n'a)Nd-143	TALYS-6a	0		100
Sm-147(n,n'3a)Ba-135g	TALYS-6a	0		100
Sm-147(n,n'3a)Ba-135m	TALYS-6a	0		100
Sm-147(n,2na)Nd-142	TALYS-6a	0	[8]	47
Sm-147(n,3na)Nd-141g	TALYS-6a	0		29
Sm-147(n,3na)Nd-141m	TALYS-6a	0		28
Sm-147(n,n'p)Pm-146	TALYS-6a	0	[8]	45
Sm-147(n,n'2a)Ce-139g	TALYS-6a	0		100
Sm-147(n,n'2a)Ce-139m	TALYS-6a	0		100
Sm-147(n,2n2a)Ce-138	TALYS-6a	0	[8]	31
Sm-147(n,n'd)Pm-145	TALYS-6a	0	[8]	36
Sm-147(n,n't)Pm-144	TALYS-6a	0	[8]	32
Sm-147(n,n'h)Nd-144	TALYS-6a	0	[8]	31
Sm-147(n,4n)Sm-144	TALYS-6a	0		25
Sm-147(n,2np)Pm-145	TALYS-6a	0	[8]	33
Sm-147(n,3np)Pm-144	TALYS-6a	0	[8]	24
Sm-147(n,n'2p)Nd-145	TALYS-6a	0	[8]	30
Sm-147(n,n'pa)Pr-142g	TALYS-6a	0		37
Sm-147(n,n'pa)Pr-142m	TALYS-6a	0		37
Sm-147(n,g)Sm-148	JEF-2.2	4	[13]	
17071				
Sm-147(n,p)Pm-147	TALYS-6a	0	[2]	100
Sm-147(n,d)Pm-146	TALYS-6a	0	[8]	53
Sm-147(n,t)Pm-145	TALYS-6a	0	[8]	52
Sm-147(n,h)Nd-145	TALYS-6a	0	[8]	42
Sm-147(n,a)Nd-144	JENDL-3.2	4	[13]	1057
Sm-147(n,2a)Ce-140	TALYS-6a	0	[10]	100
Sm-147(n,2p)Nd-146	TALYS-6a	0	[8]	45
Sm-147(n,pa)Pr-143	TALYS-6a	0		100
Sm-147(n,pd)Nd-145	TALYS-6a	0	[8]	31
Sm-147(n,pt)Nd-144	TALYS-6a	0	[8]	32
Sm-147(n,da)Pr-142g	TALYS-6a	0		39
Sm-147(n,da)Pr-142m	TALYS-6a	0		39
Sm-147(n,5n)Sm-143g	TALYS-6a	0		15
Sm-147(n,5n)Sm-143m	TALYS-6a	0		15
Sm-147(n,6n)Sm-142	TALYS-6a	0		11
Sm-147(n,2nt)Pm-143	TALYS-6a	0	[8]	25
Sm-147(n,ta)Pr-141	TALYS-6a	0	[8]	40
Sm-147(n,4np)Pm-143	TALYS-6a	0	[8]	18
Sm-147(n,3nd)Pm-143	TALYS-6a	0	[8]	19
Sm-147(n,n'da)Pr-141	TALYS-6a	0	[8]	30
Sm-147(n,2npa)Pr-141	TALYS-6a	0	[8]	29
Sm-147(n,5np)Pm-142	TALYS-6a	0		12
Sm-147(n,6np)Pm-141	TALYS-6a	0		8
Sm-147(n,4na)Nd-140	TALYS-6a	0	[8]	21
Sm-147(n,5na)Nd-139g	TALYS-6a	0		13
Sm-147(n,5na)Nd-139m	TALYS-6a	0		13
Sm-147(n,6na)Nd-138	TALYS-6a	0	[8]	9
Sm-147(n,4nd)Pm-142	TALYS-6a	0	[8]	13
Sm-147(n,5nd)Pm-141	TALYS-6a	0		9
Sm-147(n,3nt)Pm-142	TALYS-6a	0	[8]	16
Sm-147(n,4nt)Pm-141	TALYS-6a	0	[8,7,8]	11
Sm-147(n,5nt)Pm-140g	TALYS-6a	0	[4,8,7,8]	6
Sm-147(n,5nt)Pm-140m	TALYS-6a	0	[4,7,8,8]	5
Sm-147(n,2nh)Nd-143	TALYS-6a	0	[8]	24
Sm-147(n,3nh)Nd-142	TALYS-6a	0	[8]	17
Sm-147(n,4nh)Nd-141g	TALYS-6a	0		12
Sm-147(n,4nh)Nd-141m	TALYS-6a	0		12
Sm-147(n,3n2p)Nd-143	TALYS-6a	0	[8]	17
Sm-147(n,3n2a)Ce-137g	TALYS-6a	0		19
Sm-147(n,3n2a)Ce-137m	TALYS-6a	0		19
Sm-147(n,3npa)Pr-140	TALYS-6a	0	[8]	18
Sm-147(n,n'pd)Nd-144	TALYS-6a	0	[8]	26
Sm-147(n,n'pt)Nd-143	TALYS-6a	0	[8]	24
Sm-147(n,n'dt)Nd-142	TALYS-6a	0	[8]	18
Sm-147(n,n'ph)Pr-143	TALYS-6a	0	[8]	18
Sm-147(n,n'ta)Pr-140	TALYS-6a	0	[8]	25
Sm-147(n,2n2p)Nd-144	TALYS-6a	0	[8]	25
Sm-147(n,4n2p)Nd-142	TALYS-6a	0	[8]	13
Sm-147(n,4n2a)Ce-136	TALYS-6a	0	[8]	14
Sm-147(n,4npa)Pr-139	TALYS-6a	0	[8]	13
Sm-147(n,5n2p)Nd-141g	TALYS-6a	0		9
Sm-147(n,5n2p)Nd-141m	TALYS-6a	0		8
Sm-148(n,2nd)Pm-145	TALYS-6a	0	[8]	26
Sm-148(n,2n)Sm-147	ADL-3	4	[13]	45
Sm-148(n,3n)Sm-146	TALYS-6a	0		32
Sm-148(n,n'a)Nd-144	TALYS-6a	0		100
Sm-148(n,2na)Nd-143	TALYS-6a	0	[8]	42
Sm-148(n,3na)Nd-142	TALYS-6a	0	[8]	30
Sm-148(n,n'p)Pm-147	TALYS-6a	0	[8]	45
Sm-148(n,n'2a)Ce-140	TALYS-6a	0		100
Sm-148(n,2n2a)Ce-139g	TALYS-6a	0		30
Sm-148(n,2n2a)Ce-139m	TALYS-6a	0		29
Sm-148(n,n'd)Pm-146	TALYS-6a	0	[8]	32
Sm-148(n,n't)Pm-145	TALYS-6a	0	[8]	31
Sm-148(n,n'h)Nd-145	TALYS-6a	0	[8]	29
Sm-148(n,4n)Sm-145	TALYS-6a	0		23
Sm-148(n,2np)Pm-146	TALYS-6a	0	[8]	30
Sm-148(n,3np)Pm-145	TALYS-6a	0	[8]	24
Sm-148(n,n'2p)Nd-146	TALYS-6a	0	[8]	30
Sm-148(n,n'pa)Pr-143	TALYS-6a	0	[8]	36
>Sm-148(n,g)Sm-149	ENDF/B-VII	4	[13]	4634
Sm-148(n,p)Pm-148g	JEF-2.2	2	[13,4,3]	95
Sm-148(n,p)Pm-148m	JEF-2.2	2	[13,4,7,8,3]	93
Sm-148(n,d)Pm-147	TALYS-6a	0	[8]	51
Sm-148(n,t)Pm-146	TALYS-6a	0	[8]	44
Sm-148(n,h)Nd-146	TALYS-6a	0	[8]	42
Sm-148(n,a)Nd-145	TALYS-6a	0	[2]	100
Sm-148(n,2a)Ce-141	TALYS-6a	0	[10]	100
Sm-148(n,2p)Nd-147	TALYS-6a	0	[8]	38
Sm-148(n,pa)Pr-144g	TALYS-6a	0		49
Sm-148(n,pa)Pr-144m	TALYS-6a	0		50
Sm-148(n,pd)Nd-146	TALYS-6a	0	[8]	31
Sm-148(n,pt)Nd-145	TALYS-6a	0	[8]	29
Sm-148(n,da)Pr-143	TALYS-6a	0	[8]	38
Sm-148(n,5n)Sm-144	TALYS-6a	0		17
Sm-148(n,6n)Sm-143g	TALYS-6a	0		11
Sm-148(n,6n)Sm-143m	TALYS-6a	0		11
Sm-148(n,2nt)Pm-144	TALYS-6a	0	[8]	23
Sm-148(n,ta)Pr-142g	TALYS-6a	0		34
Sm-148(n,ta)Pr-142m	TALYS-6a	0		35
Sm-148(n,4np)Pm-144	TALYS-6a	0	[8]	16
Sm-148(n,3nd)Pm-144	TALYS-6a	0	[8]	18
Sm-148(n,n'da)Pr-142g	TALYS-6a	0		27
Sm-148(n,n'da)Pr-142m	TALYS-6a	0		27
Sm-148(n,2npa)Pr-142g	TALYS-6a	0		26
Sm-148(n,2npa)Pr-142m	TALYS-6a	0		26
Sm-148(n,7n)Sm-142	TALYS-6a	0		7
Sm-148(n,5np)Pm-143	TALYS-6a	0		13
Sm-148(n,6np)Pm-142	TALYS-6a	0		8
Sm-148(n,4na)Nd-141g	TALYS-6a	0		20
Sm-148(n,4na)Nd-141m	TALYS-6a	0		20
Sm-148(n,5na)Nd-140	TALYS-6a	0	[8]	14
Sm-148(n,6na)Nd-139g	TALYS-6a	0		9
Sm-148(n,6na)Nd-139m	TALYS-6a	0		9
Sm-148(n,4nd)Pm-143	TALYS-6a	0	[8]	14
Sm-148(n,5nd)Pm-142	TALYS-6a	0	[8]	9
Sm-148(n,3nt)Pm-143	TALYS-6a	0	[8]	17
Sm-148(n,4nt)Pm-142	TALYS-6a	0	[8]	12
Sm-148(n,5nt)Pm-141	TALYS-6a	0	[8,7,8]	7
Sm-148(n,2nh)Nd-144	TALYS-6a	0	[8]	23
Sm-148(n,3nh)Nd-143	TALYS-6a	0	[8]	16
Sm-148(n,4nh)Nd-142	TALYS-6a	0	[8]	13
Sm-148(n,3n2p)Nd-144	TALYS-6a	0	[8]	16
Sm-148(n,3n2a)Ce-138	TALYS-6a	0	[8]	22
Sm-148(n,3npa)Pr-141	TALYS-6a	0	[8]	20
Sm-148(n,n'pd)Nd-145	TALYS-6a	0	[8]	23
Sm-148(n,n'pt)Nd-144	TALYS-6a	0	[8]	23
Sm-148(n,n'dt)Nd-143	TALYS-6a	0	[8]	16
Sm-148(n,n'ta)Pr-141	TALYS-6a	0	[8]	27
Sm-148(n,2n2p)Nd-145	TALYS-6a	0	[8]	22
Sm-148(n,4n2p)Nd-143	TALYS-6a	0	[8]	12
Sm-148(n,4n2a)Ce-137g	TALYS-6a	0		13
Sm-148(n,4n2a)Ce-137m	TALYS-6a	0		13
Sm-148(n,4npa)Pr-140	TALYS-6a	0	[8]	13
Sm-148(n,3n2pa)Ce-140	TALYS-6a	0	[8]	14
Sm-148(n,5n2p)Nd-142	TALYS-6a	0	[8]	9
Sm-149(n,2nd)Pm-146	TALYS-6a	0	[8]	26
Sm-149(n,2n)Sm-148	TALYS-6a	0		56
Sm-149(n,3n)Sm-147	TALYS-6a	0		33
Sm-149(n,n'a)Nd-145	TALYS-6a	0		100
Sm-149(n,2na)Nd-144	TALYS-6a	0	[8]	47
Sm-149(n,3na)Nd-143	TALYS-6a	0	[8]	31
Sm-149(n,n'p)Pm-148g	TALYS-6a	0		44
Sm-149(n,n'p)Pm-148m	TALYS-6a	0		44
Sm-149(n,n'2a)Ce-141	TALYS-6a	0	[10]	100
Sm-149(n,2n2a)Ce-140	TALYS-6a	0	[8]	38
Sm-149(n,n'd)Pm-147	TALYS-6a	0	[8]	35
Sm-149(n,n't)Pm-146	TALYS-6a	0	[8]	32
Sm-149(n,n'h)Nd-146	TALYS-6a	0	[8]	30
Sm-149(n,n'd2a)La-139	TALYS-6a	0	[8]	21
Sm-149(n,4n)Sm-146	TALYS-6a	0		26
Sm-149(n,2np)Pm-147	TALYS-6a	0	[8]	33
Sm-149(n,3np)Pm-146	TALYS-6a	0	[8]	24
Sm-149(n,n'2p)Nd-147	TALYS-6a	0	[8]	29
Sm-149(n,n'pa)Pr-144g	TALYS-6a	0		34
Sm-149(n,n'pa)Pr-144m	TALYS-6a	0		35
Sm-149(n,g)Sm-150	JEF-2.2	4	[14,13]	7782
Sm-149(n,p)Pm-149	TALYS-6a	0	[2,8]	80
Sm-149(n,d)Pm-148g	TALYS-6a	0		50
Sm-149(n,d)Pm-148m	TALYS-6a	0		50
Sm-149(n,t)Pm-147	TALYS-6a	0	[8]	51
Sm-149(n,h)Nd-147	TALYS-6a	0	[8]	39
Sm-149(n,a)Nd-146	JENDL-3.2	4	[13]	1149
Sm-149(n,2p)Nd-148	TALYS-6a	0	[8]	41
Sm-149(n,pa)Pr-145	TALYS-6a	0	[10]	100

Reaction	Library		Refs	Value
Sm-149(n,pd)Nd-147	TALYS-6a	0	[8]	30
Sm-149(n,5n)Sm-145	TALYS-6a	0		18
Sm-149(n,6n)Sm-144	TALYS-6a	0		14
Sm-149(n,2nt)Pm-145	TALYS-6a	0	[8]	25
Sm-149(n,ta)Pr-143	TALYS-6a	0	[8]	38
Sm-149(n,4np)Pm-145	TALYS-6a	0	[8]	18
Sm-149(n,3nd)Pm-145	TALYS-6a	0	[8]	20
Sm-149(n,n'da)Pr-143	TALYS-6a	0	[8]	29
Sm-149(n,2npa)Pr-143	TALYS-6a	0	[8]	27
Sm-149(n,7n)Sm-143g	TALYS-6a	0		8
Sm-149(n,7n)Sm-143m	TALYS-6a	0		8
Sm-149(n,5np)Pm-144	TALYS-6a	0	[8]	13
Sm-149(n,6np)Pm-143	TALYS-6a	0		10
Sm-149(n,4na)Nd-142	TALYS-6a	0	[8]	24
Sm-149(n,5na)Nd-141g	TALYS-6a	0		15
Sm-149(n,5na)Nd-141m	TALYS-6a	0		15
Sm-149(n,6na)Nd-140	TALYS-6a	0	[8]	11
Sm-149(n,4nd)Pm-144	TALYS-6a	0	[8]	14
Sm-149(n,5nd)Pm-143	TALYS-6a	0	[8]	11
Sm-149(n,3nt)Pm-144	TALYS-6a	0	[8]	17
Sm-149(n,4nt)Pm-143	TALYS-6a	0	[8]	14
Sm-149(n,5nt)Pm-142	TALYS-6a	0	[8]	9
Sm-149(n,2nh)Nd-145	TALYS-6a	0	[8]	23
Sm-149(n,3nh)Nd-144	TALYS-6a	0	[8]	17
Sm-149(n,4nh)Nd-143	TALYS-6a	0	[8]	13
Sm-149(n,3n2p)Nd-145	TALYS-6a	0	[8]	16
Sm-149(n,3n2a)Ce-139g	TALYS-6a	0		24
Sm-149(n,3n2a)Ce-139m	TALYS-6a	0		23
Sm-149(n,3npa)Pr-142g	TALYS-6a	0		20
Sm-149(n,3npa)Pr-142m	TALYS-6a	0		20
Sm-149(n,n'pd)Nd-146	TALYS-6a	0	[8]	25
Sm-149(n,n'pt)Nd-145	TALYS-6a	0	[8]	23
Sm-149(n,n'dt)Nd-144	TALYS-6a	0	[8]	17
Sm-149(n,n'ta)Pr-142g	TALYS-6a	0		27
Sm-149(n,n'ta)Pr-142m	TALYS-6a	0		27
Sm-149(n,2n2p)Nd-146	TALYS-6a	0	[8]	24
Sm-149(n,4n2p)Nd-144	TALYS-6a	0	[8]	13
Sm-149(n,4n2a)Ce-138	TALYS-6a	0	[8]	16
Sm-149(n,4npa)Pr-141	TALYS-6a	0	[8]	15
Sm-149(n,3n2pa)Ce-141	TALYS-6a	0	[8]	13
Sm-149(n,5n2p)Nd-143	TALYS-6a	0	[8]	9
Sm-150(n,2nd)Pm-147	TALYS-6a	0	[8]	25
Sm-150(n,2n)Sm-149	JENDL-3.2	4	[13]	44
Sm-150(n,3n)Sm-148	TALYS-6a	0		34
Sm-150(n,n'a)Nd-146	TALYS-6a	0		100
Sm-150(n,n'3a)Ba-138	TALYS-6a	0		100
Sm-150(n,2na)Nd-145	TALYS-6a	0	[8]	42
Sm-150(n,3na)Nd-144	TALYS-6a	0	[8]	31
Sm-150(n,n'p)Pm-149	TALYS-6a	0	[8]	43
Sm-150(n,n'2a)Ce-142	TALYS-6a	0		100
Sm-150(n,2n2a)Ce-141	TALYS-6a	0	[8]	31
Sm-150(n,n'd)Pm-148g	TALYS-6a	0		31
Sm-150(n,n'd)Pm-148m	TALYS-6a	0		31
Sm-150(n,n't)Pm-147	TALYS-6a	0	[8]	31
Sm-150(n,n'h)Nd-147	TALYS-6a	0	[8]	28
Sm-150(n,n'd2a)La-140	TALYS-6	0	[8]	17
Sm-150(n,n't2a)La-139	TALYS-6a	0	[8]	18
Sm-150(n,4n)Sm-147	TALYS-6a	0		24
Sm-150(n,2np)Pm-148g	TALYS-6a	0		30
Sm-150(n,2np)Pm-148m	TALYS-6a	0		30
Sm-150(n,3np)Pm-147	TALYS-6a	0	[8]	24
Sm-150(n,n'2p)Nd-148	TALYS-6a	0	[8]	28
Sm-150(n,n'pa)Pr-145	TALYS-6a	0	[8]	33
>Sm-150(n,g)Sm-151	JEF-2.2	4	[13,3]	3346
Sm-150(n,p)Pm-150	JEF-2.2	6	[13]	88
Sm-150(n,d)Pm-149	TALYS-6a	0	[8]	47
Sm-150(n,t)Pm-148g	TALYS-6a	0		43
Sm-150(n,t)Pm-148m	TALYS-6a	0		43
Sm-150(n,h)Nd-148	TALYS-6a	0	[8]	39
Sm-150(n,a)Nd-147	TALYS-5	3	[9,3,3]	3346
Sm-150(n,2p)Nd-149	TALYS-6a	0	[8]	34
Sm-150(n,pa)Pr-146	TALYS-6a	0	[8,7,8]	43
Sm-150(n,pd)Nd-148	TALYS-6a	0	[8]	29
Sm-150(n,da)Pr-145	TALYS-6a	0	[8]	35
Sm-150(n,5n)Sm-146	TALYS-6a	0		18
Sm-150(n,6n)Sm-145	TALYS-6a	0		13
Sm-150(n,2nt)Pm-146	TALYS-6a	0	[8]	24
Sm-150(n,4np)Pm-146	TALYS-6a	0	[8]	16
Sm-150(n,3nd)Pm-146	TALYS-6a	0	[8]	18
Sm-150(n,n'da)Pr-144g	TALYS-6a	0		26
Sm-150(n,n'da)Pr-144m	TALYS-6a	0		26
Sm-150(n,2npa)Pr-144g	TALYS-6a	0		25
Sm-150(n,2npa)Pr-144m	TALYS-6a	0		25
Sm-150(n,7n)Sm-144	TALYS-6a	0		10
Sm-150(n,5np)Pm-145	TALYS-6a	0	[8]	13
Sm-150(n,6np)Pm-144	TALYS-6a	0		10
Sm-150(n,4na)Nd-143	TALYS-6a	0	[8]	23
Sm-150(n,5na)Nd-142	TALYS-6a	0	[8]	16
Sm-150(n,6na)Nd-141g	TALYS-6a	0		11
Sm-150(n,6na)Nd-141m	TALYS-6a	0		11
Sm-150(n,7na)Nd-140	TALYS-6a	0		7
Sm-150(n,4nd)Pm-145	TALYS-6a	0	[8]	14
Sm-150(n,5nd)Pm-144	TALYS-6a	0	[8]	10
Sm-150(n,6nd)Pm-143	TALYS-6a	0	[8]	7
Sm-150(n,3nt)Pm-145	TALYS-6a	0	[8]	17
Sm-150(n,4nt)Pm-144	TALYS-6a	0	[8]	13
Sm-150(n,5nt)Pm-143	TALYS-6a	0	[8]	9
Sm-150(n,2nh)Nd-146	TALYS-6a	0	[8]	23
Sm-150(n,3nh)Nd-145	TALYS-6a	0	[8]	16
Sm-150(n,4nh)Nd-144	TALYS-6a	0	[8]	13
Sm-150(n,3n2p)Nd-146	TALYS-6a	0	[8]	16
Sm-150(n,3n2a)Ce-140	TALYS-6a	0	[8]	26
Sm-150(n,3npa)Pr-143	TALYS-6a	0	[8]	19
Sm-150(n,n'pd)Nd-147	TALYS-6a	0	[8]	22
Sm-150(n,n'pt)Nd-146	TALYS-6a	0	[8]	23
Sm-150(n,n'dt)Nd-145	TALYS-6a	0	[8]	16
Sm-150(n,n'ta)Pr-143	TALYS-6a	0		26
Sm-150(n,2n2p)Nd-147	TALYS-6a	0	[8]	20
Sm-150(n,4n2p)Nd-145	TALYS-6a	0	[8]	12
Sm-150(n,4n2a)Ce-139g	TALYS-6a	0		16
Sm-150(n,4n2a)Ce-139m	TALYS-6a	0		15
Sm-150(n,4npa)Pr-142g	TALYS-6a	0		14
Sm-150(n,4npa)Pr-142m	TALYS-6a	0		14
Sm-150(n,5n2p)Nd-144	TALYS-6a	0	[8]	9
Sm-151(n,2nd)Pm-148g	TALYS-6a	0		26
Sm-151(n,2nd)Pm-148m	TALYS-6a	0		26
Sm-151(n,2n)Sm-150	TALYS-6a	0		57
Sm-151(n,3n)Sm-149	TALYS-6a	0		34
Sm-151(n,n'a)Nd-147	TALYS-6a	0		100
Sm-151(n,2na)Nd-146	TALYS-6a	0	[8]	45
Sm-151(n,3na)Nd-145	TALYS-6a	0	[8]	31
Sm-151(n,n'p)Pm-150	TALYS-6a	0	[8]	43
Sm-151(n,n'2a)Ce-143	TALYS-6a	0		100
Sm-151(n,2n2a)Ce-142	TALYS-6a	0	[8]	34
Sm-151(n,n'd)Pm-149	TALYS-6a	0	[8]	35
Sm-151(n,n't)Pm-148g	TALYS-6a	0		32
Sm-151(n,n't)Pm-148m	TALYS-6a	0		32
Sm-151(n,n'h)Nd-148	TALYS-6a	0	[8]	29
Sm-151(n,n'd2a)La-141	TALYS-6	0	[8]	18
Sm-151(n,n't2a)La-140	TALYS-6	0	[8]	17
Sm-151(n,4n)Sm-148	TALYS-6a	0		27
Sm-151(n,2np)Pm-149	TALYS-6a	0	[8]	32
Sm-151(n,3np)Pm-148g	TALYS-6a	0		24
Sm-151(n,3np)Pm-148m	TALYS-6a	0		24
Sm-151(n,n'2p)Nd-149	TALYS-6a	0	[8]	27
Sm-151(n,n'pa)Pr-146	TALYS-6a	0	[8,7,8]	31
>Sm-151(n,g)Sm-152	JEF-2.2	2	[14,13]	13471
Sm-151(n,p)Pm-151	TALYS-6a	0	[2,8]	79
Sm-151(n,d)Pm-150	TALYS-6a	0	[8]	46
Sm-151(n,t)Pm-149	TALYS-6a	0	[8]	48
Sm-151(n,h)Nd-149	TALYS-6a	0	[8]	37
Sm-151(n,a)Nd-148	TALYS-6a	0	[9,2,3]	13470
Sm-151(n,2p)Nd-150	TALYS-6a	0	[8]	38
Sm-151(n,pd)Nd-149	TALYS-6a	0	[8]	28
Sm-151(n,5n)Sm-147	TALYS-6a	0		19
Sm-151(n,6n)Sm-146	TALYS-6a	0		14
Sm-151(n,2nt)Pm-147	TALYS-6a	0	[8]	26
Sm-151(n,4np)Pm-147	TALYS-6a	0		19
Sm-151(n,3nd)Pm-147	TALYS-6a	0	[8]	20
Sm-151(n,n'da)Pr-145	TALYS-6a	0	[8]	27
Sm-151(n,2npa)Pr-145	TALYS-6a	0	[8]	26
Sm-151(n,7n)Sm-145	TALYS-6a	0		10
Sm-151(n,5np)Pm-146	TALYS-6a	0		14
Sm-151(n,6np)Pm-145	TALYS-6a	0		11
Sm-151(n,7np)Pm-144	TALYS-6a	0		7
Sm-151(n,4na)Nd-144	TALYS-6a	0	[8]	25
Sm-151(n,5na)Nd-143	TALYS-6a	0	[8]	17
Sm-151(n,6na)Nd-142	TALYS-6a	0	[8]	13
Sm-151(n,7na)Nd-141g	TALYS-6a	0		8
Sm-151(n,7na)Nd-141m	TALYS-6a	0		8
Sm-151(n,4nd)Pm-146	TALYS-6a	0	[8]	14
Sm-151(n,5nd)Pm-145	TALYS-6a	0	[8]	11
Sm-151(n,6nd)Pm-144	TALYS-6a	0	[8]	7
Sm-151(n,3nt)Pm-146	TALYS-6a	0	[8]	18
Sm-151(n,4nt)Pm-145	TALYS-6a	0	[8]	14
Sm-151(n,5nt)Pm-144	TALYS-6a	0	[8]	10
Sm-151(n,2nh)Nd-147	TALYS-6a	0	[8]	22
Sm-151(n,3nh)Nd-146	TALYS-6a	0	[8]	17
Sm-151(n,4nh)Nd-145	TALYS-6a	0	[8]	13
Sm-151(n,3n2p)Nd-147	TALYS-6a	0	[8]	16
Sm-151(n,3n2a)Ce-141	TALYS-6a	0	[8]	25
Sm-151(n,3npa)Pr-144g	TALYS-6a	0		19
Sm-151(n,3npa)Pr-144m	TALYS-6a	0		19
Sm-151(n,n'pd)Nd-148	TALYS-6a	0	[8]	23
Sm-151(n,n'pt)Nd-147	TALYS-6a	0	[8]	22
Sm-151(n,n'dt)Nd-146	TALYS-6a	0	[8]	17
Sm-151(n,n'ta)Pr-144g	TALYS-6a	0		26
Sm-151(n,n'ta)Pr-144m	TALYS-6a	0		26
Sm-151(n,2n2p)Nd-148	TALYS-6a	0	[8]	22
Sm-151(n,4n2p)Nd-146	TALYS-6a	0	[8]	13
Sm-151(n,4n2a)Ce-140	TALYS-6a	0	[8]	20
Sm-151(n,4npa)Pr-143	TALYS-6a	0	[8]	15
Sm-151(n,5n2p)Nd-145	TALYS-6a	0	[8]	9
Sm-152(n,2nd)Pm-149	TALYS-6a	0	[8]	25
Sm-152(n,2n)Sm-151	JENDL-3.2	4	[13]	43
Sm-152(n,3n)Sm-150	ADL-3	2	[13]	33
Sm-152(n,n'a)Nd-148	TALYS-6a	0		100
Sm-152(n,2na)Nd-147	TALYS-6a	0	[8]	39
Sm-152(n,3na)Nd-146	TALYS-6a	0	[8]	30
Sm-152(n,n'p)Pm-151	TALYS-6a	0	[8]	42
Sm-152(n,n'2a)Ce-144	TALYS-6a	0		100
Sm-152(n,2n2a)Ce-143	TALYS-6a	0	[8]	29
Sm-152(n,n'd)Pm-150	TALYS-6a	0	[8]	30
Sm-152(n,n't)Pm-149	TALYS-6a	0	[8]	31
Sm-152(n,n'h)Nd-149	TALYS-6a	0	[8]	26
Sm-152(n,4n)Sm-149	TALYS-6a	0		25
Sm-152(n,2np)Pm-150	TALYS-6a	0	[8]	29
Sm-152(n,3np)Pm-149	TALYS-6a	0	[8]	23
Sm-152(n,n'2p)Nd-150	TALYS-6a	0	[8]	26
Sm-152(n,n'pa)Pr-147	TALYS-6a	0	[8]	30
Sm-152(n,g)Sm-153	JEF-2.2	5	[13]	16595
Sm-152(n,p)Pm-152g	JENDL-3.2	2	[13,4,7,8]	562
Sm-152(n,p)Pm-152m	JENDL-3.2	2	[13,4,7,8]	562
Sm-152(n,p)Pm-152n	JENDL-3.2	2	[13,4,7,8]	561
Sm-152(n,d)Pm-151	TALYS-6a	0	[8]	45
Sm-152(n,t)Pm-150	TALYS-6a	0	[8]	41
Sm-152(n,h)Nd-150	TALYS-6a	0	[8]	35
Sm-152(n,a)Nd-149	TALYS-5	6	[9,3]	14049
Sm-152(n,2p)Nd-151	TALYS-6a	0	[8]	31
Sm-152(n,pd)Nd-150	TALYS-6a	0	[8]	27
Sm-152(n,da)Pr-147	TALYS-6a	0	[8]	31
Sm-152(n,5n)Sm-148	TALYS-6a	0		19
Sm-152(n,6n)Sm-147	TALYS-6a	0		13
Sm-152(n,2nt)Pm-148g	TALYS-6a	0		23

Reaction	Source	Q	Refs	Value		Reaction	Source	Q	Refs	Value
Sm-152(n,2nt)Pm-148m	TALYS-6a	0		23		Sm-154(n,2na)Nd-149	TALYS-6a	0	[8]	36
Sm-152(n,4np)Pm-148g	TALYS-6a	0		16		Sm-154(n,3na)Nd-148	TALYS-6a	0	[8]	29
Sm-152(n,4np)Pm-148m	TALYS-6a	0		16		Sm-154(n,n'p)Pm-153	TALYS-6a	0	[8,7,8]	41
Sm-152(n,3nd)Pm-148g	TALYS-6a	0		18		Sm-154(n,2n2a)Ce-145	TALYS-6a	0	[8]	25
Sm-152(n,3nd)Pm-148m	TALYS-6a	0		17		Sm-154(n,n'd)Pm-152g	TALYS-6a	0	[4]	30
Sm-152(n,n'da)Pr-146	TALYS-6a	0	[8,7,8]	24		Sm-154(n,n'd)Pm-152m	TALYS-6a	0	[4,7,8]	29
Sm-152(n,2npa)Pr-146	TALYS-6a	0	[8,7,8]	23		Sm-154(n,n'd)Pm-152n	TALYS-6a	0	[4,7,8]	29
Sm-152(n,7n)Sm-146	TALYS-6a	0		10		Sm-154(n,n't)Pm-151	TALYS-6a	0	[8]	30
Sm-152(n,8n)Sm-145	TALYS-6a	0		6		Sm-154(n,n'h)Nd-151	TALYS-6a	0	[8]	25
Sm-152(n,5np)Pm-147	TALYS-6a	0	[8]	13		Sm-154(n,4n)Sm-151	TALYS-6a	0		24
Sm-152(n,6np)Pm-146	TALYS-6a	0		10		Sm-154(n,2np)Pm-152g	TALYS-6a	0	[4]	29
Sm-152(n,7np)Pm-145	TALYS-6a	0		7		Sm-154(n,2np)Pm-152m	TALYS-6a	0	[4,7,8]	28
Sm-152(n,4na)Nd-145	TALYS-6a	0	[8]	22		Sm-154(n,2np)Pm-152n	TALYS-6a	0	[4,7,8]	28
Sm-152(n,5na)Nd-144	TALYS-6a	0	[8]	16		Sm-154(n,3np)Pm-151	TALYS-6a	0	[8]	23
Sm-152(n,6na)Nd-143	TALYS-6a	0	[8]	13		Sm-154(n,n'2p)Nd-152	TALYS-6a	0	[8]	25
Sm-152(n,7na)Nd-142	TALYS-6a	0	[8]	9		Sm-154(n,n'pa)Pr-149	TALYS-6a	0	[8]	27
Sm-152(n,4nd)Pm-147	TALYS-6a	0	[8]	14		>Sm-154(n,g)Sm-155	JEF-2.2	4	[13]	5446
Sm-152(n,5nd)Pm-146	TALYS-6a	0	[8]	10		Sm-154(n,p)Pm-154g	TALYS-6a	2	[4,3,8]	64
Sm-152(n,6nd)Pm-145	TALYS-6a	0	[8]	7		Sm-154(n,p)Pm-154m	TALYS-6a	2	[4,7,8,3,8]	63
Sm-152(n,3nt)Pm-147	TALYS-6a	0	[8]	17		Sm-154(n,d)Pm-153	TALYS-6a	0	[8,7,8]	45
Sm-152(n,4nt)Pm-146	TALYS-6a	0	[8]	13		Sm-154(n,t)Pm-152g	TALYS-6a	0	[4]	41
Sm-152(n,5nt)Pm-145	TALYS-6a	0	[8]	10		Sm-154(n,t)Pm-152m	TALYS-6a	0	[4,7,8]	40
Sm-152(n,2nh)Nd-148	TALYS-6a	0	[8]	21		Sm-154(n,t)Pm-152n	TALYS-6a	0	[4,7,8]	40
Sm-152(n,3nh)Nd-147	TALYS-6a	0	[8]	15		Sm-154(n,h)Nd-152	TALYS-6a	0	[8]	33
Sm-152(n,4nh)Nd-146	TALYS-6a	0	[8]	13		Sm-154(n,a)Nd-151	TALYS-5	4	[9,3,3]	5446
Sm-152(n,3n2p)Nd-148	TALYS-6a	0	[8]	15		Sm-154(n,2p)Nd-153	TALYS-6a	0	[8,7,8]	30
Sm-152(n,3n2a)Ce-142	TALYS-6a	0	[8]	24		Sm-154(n,pd)Nd-152	TALYS-6a	0	[8]	26
Sm-152(n,3npa)Pr-145	TALYS-6a	0	[8]	17		Sm-154(n,5n)Sm-150	TALYS-6a	0		19
Sm-152(n,n'pd)Nd-149	TALYS-6a	0	[8]	20		Sm-154(n,6n)Sm-149	TALYS-6a	0		14
Sm-152(n,n'pt)Nd-148	TALYS-6a	0	[8]	21		Sm-154(n,2nt)Pm-150	TALYS-6a	0	[8]	22
Sm-152(n,n'ta)Pr-145	TALYS-6a	0	[8]	25		Sm-154(n,4np)Pm-150	TALYS-6a	0		16
Sm-152(n,2n2p)Nd-149	TALYS-6a	0	[8]	19		Sm-154(n,3nd)Pm-150	TALYS-6a	0	[8]	17
Sm-152(n,4n2p)Nd-147	TALYS-6a	0	[8]	11		Sm-154(n,2npa)Pr-148g	TALYS-6a	0		20
Sm-152(n,4n2a)Ce-141	TALYS-6a	0	[8]	16		Sm-154(n,2npa)Pr-148m	TALYS-6a	0		19
Sm-152(n,4npa)Pr-144g	TALYS-6a	0		13		Sm-154(n,7n)Sm-148	TALYS-6a	0		11
Sm-152(n,4npa)Pr-144m	TALYS-6a	0		13		Sm-154(n,8n)Sm-147	TALYS-6a	0		6
Sm-152(n,5n2p)Nd-146	TALYS-6a	0	[8]	9		Sm-154(n,5np)Pm-149	TALYS-6a	0		13
Sm-153(n,2nd)Pm-150	TALYS-6a	0	[8]	25		Sm-154(n,6np)Pm-148g	TALYS-6a	0		9
Sm-153(n,2n)Sm-152	TALYS-6a	0		56		Sm-154(n,6np)Pm-148m	TALYS-6a	0		9
Sm-153(n,3n)Sm-151	TALYS-6a	0		33		Sm-154(n,7np)Pm-147	TALYS-6a	0		7
Sm-153(n,n'a)Nd-149	TALYS-6a	0	[8]	63		Sm-154(n,4na)Nd-147	TALYS-6a	0	[8]	21
Sm-153(n,2na)Nd-148	TALYS-6a	0	[8]	42		Sm-154(n,5na)Nd-146	TALYS-6a	0	[8]	16
Sm-153(n,3na)Nd-147	TALYS-6a	0	[8]	29		Sm-154(n,6na)Nd-145	TALYS-6a	0	[8]	12
Sm-153(n,n'p)Pm-152g	TALYS-6a	0	[4]	42		Sm-154(n,7na)Nd-144	TALYS-6a	0	[8]	9
Sm-153(n,n'p)Pm-152m	TALYS-6a	0	[4,7,8]	41		Sm-154(n,4nd)Pm-149	TALYS-6a	0	[8]	14
Sm-153(n,n'p)Pm-152n	TALYS-6a	0	[4,7,8]	41		Sm-154(n,5nd)Pm-148g	TALYS-6a	0		10
Sm-153(n,2n2a)Ce-144	TALYS-6a	0	[8]	29		Sm-154(n,5nd)Pm-148m	TALYS-6a	0		10
Sm-153(n,n'd)Pm-151	TALYS-6a	0	[8]	33		Sm-154(n,6nd)Pm-147	TALYS-6a	0	[8]	7
Sm-153(n,n't)Pm-150	TALYS-6a	0	[8]	30		Sm-154(n,3nt)Pm-149	TALYS-6a	0	[8]	17
Sm-153(n,n'h)Nd-150	TALYS-6a	0	[8]	28		Sm-154(n,4nt)Pm-148g	TALYS-6a	0		13
Sm-153(n,4n)Sm-150	TALYS-6a	0		27		Sm-154(n,4nt)Pm-148m	TALYS-6a	0		13
Sm-153(n,2np)Pm-151	TALYS-6a	0	[8]	31		Sm-154(n,5nt)Pm-147	TALYS-6a	0	[8]	10
Sm-153(n,3np)Pm-150	TALYS-6a	0	[8]	23		Sm-154(n,6nt)Pm-146	TALYS-6a	0	[8]	6
Sm-153(n,n'2p)Nd-151	TALYS-6a	0	[8]	25		Sm-154(n,2nh)Nd-150	TALYS-6a	0	[8]	20
Sm-153(n,n'pa)Pr-148g	TALYS-6a	0		27		Sm-154(n,3nh)Nd-149	TALYS-6a	0	[8]	15
Sm-153(n,n'pa)Pr-148m	TALYS-6a	0		28		Sm-154(n,4nh)Nd-148	TALYS-6a	0	[8]	12
Sm-153(n,g)Sm-154	JEF-2.2	2	[13,13,12,4]	119		Sm-154(n,3n2p)Nd-150	TALYS-6a	0	[8]	14
Sm-153(n,p)Pm-153	TALYS-6a	0	[2,8,7,8]	76		Sm-154(n,3n2a)Ce-144	TALYS-6a	0	[8]	20
Sm-153(n,d)Pm-152g	TALYS-6a	0	[4]	45		Sm-154(n,3npa)Pr-147	TALYS-6a	0	[8]	16
Sm-153(n,d)Pm-152m	TALYS-6a	0	[4,7,8]	44		Sm-154(n,n'pd)Nd-151	TALYS-6a	0	[8]	19
Sm-153(n,d)Pm-152n	TALYS-6a	0	[4,7,8]	44		Sm-154(n,n'pt)Nd-150	TALYS-6a	0	[8]	19
Sm-153(n,t)Pm-151	TALYS-6a	0	[8]	45		Sm-154(n,2n2p)Nd-151	TALYS-6a	0	[8]	17
Sm-153(n,h)Nd-151	TALYS-6a	0	[8]	34		Sm-154(n,4n2p)Nd-149	TALYS-6a	0	[8]	11
Sm-153(n,a)Nd-150	TALYS-6a	0	[2]	100		Sm-154(n,4n2a)Ce-143	TALYS-6a	0	[8]	15
Sm-153(n,2p)Nd-152	TALYS-6a	0	[8]	34		Sm-154(n,4npa)Pr-146	TALYS-6a	0	[8,7,8]	12
Sm-153(n,pd)Nd-151	TALYS-6a	0	[8]	27		Sm-154(n,5n2p)Nd-148	TALYS-6a	0	[8]	8
Sm-153(n,5n)Sm-149	TALYS-6a	0		19		Sm-156(n,2nd)Pm-153	TALYS-6a	0	[8,7,8]	25
Sm-153(n,6n)Sm-148	TALYS-6a	0		15		Sm-156(n,2n)Sm-155	TALYS-6a	0		49
Sm-153(n,2nt)Pm-149	TALYS-6a	0	[8]	25		Sm-156(n,3n)Sm-154	TALYS-6a	0		35
Sm-153(n,4np)Pm-149	TALYS-6a	0		18		Sm-156(n,n'a)Nd-152	TALYS-6a	0	[8]	58
Sm-153(n,3nd)Pm-149	TALYS-6a	0	[8]	19		Sm-156(n,2na)Nd-151	TALYS-6a	0	[8]	35
Sm-153(n,n'da)Pr-147	TALYS-6a	0	[8]	25		Sm-156(n,3na)Nd-150	TALYS-6a	0	[8]	28
Sm-153(n,2npa)Pr-147	TALYS-6a	0	[8]	24		Sm-156(n,n'p)Pm-155	TALYS-6a	0	[8,7,8]	40
Sm-153(n,7n)Sm-147	TALYS-6a	0	[8]	10		Sm-156(n,n'd)Pm-154g	TALYS-6a	0	[4,8,7,8]	31
Sm-153(n,8n)Sm-146	TALYS-6a	0		7		Sm-156(n,n'd)Pm-154m	TALYS-6a	0	[4,7,8,8]	30
Sm-153(n,5np)Pm-148g	TALYS-6a	0		13		Sm-156(n,n't)Pm-153	TALYS-6a	0	[8,7,8]	31
Sm-153(n,5np)Pm-148m	TALYS-6a	0		13		Sm-156(n,n'h)Nd-153	TALYS-6a	0	[8,7,8]	24
Sm-153(n,6np)Pm-147	TALYS-6a	0		11		Sm-156(n,4n)Sm-153	TALYS-6a	0		25
Sm-153(n,7np)Pm-146	TALYS-6a	0		7		Sm-156(n,2np)Pm-154g	TALYS-6a	0	[4,8,7,8]	29
Sm-153(n,4na)Nd-146	TALYS-6a	0	[8]	24		Sm-156(n,2np)Pm-154m	TALYS-6a	0	[4,7,8,8]	28
Sm-153(n,5na)Nd-145	TALYS-6a	0	[8]	16		Sm-156(n,3np)Pm-153	TALYS-6a	0	[8,7,8]	23
Sm-153(n,6na)Nd-144	TALYS-6a	0	[8]	13		Sm-156(n,n'2p)Nd-154	TALYS-6a	0	[8,7,8]	23
Sm-153(n,7na)Nd-143	TALYS-6a	0	[8]	10		Sm-156(n,g)Sm-157	TALYS-6a	0	[14]	100
Sm-153(n,4nd)Pm-148g	TALYS-6a	0		14		Sm-156(n,p)Pm-156	TALYS-6a	0	[2,8]	59
Sm-153(n,4nd)Pm-148m	TALYS-6a	0		14		Sm-156(n,d)Pm-155	TALYS-6a	0	[8,7,8]	43
Sm-153(n,5nd)Pm-147	TALYS-6a	0	[8]	11		Sm-156(n,t)Pm-154g	TALYS-6a	0	[4,8,7,8]	41
Sm-153(n,6nd)Pm-146	TALYS-6a	0	[8]	7		Sm-156(n,t)Pm-154m	TALYS-6a	0	[4,7,8,8]	40
Sm-153(n,3nt)Pm-148g	TALYS-6a	0		17		Sm-156(n,h)Nd-154	TALYS-6a	0	[8,7,8]	31
Sm-153(n,3nt)Pm-148m	TALYS-6a	0		17		Sm-156(n,a)Nd-153	TALYS-6a	0	[7,2]	100
Sm-153(n,4nt)Pm-147	TALYS-6a	0	[8]	14		Sm-156(n,pd)Nd-154	TALYS-6a	0	[8,7,8]	24
Sm-153(n,5nt)Pm-146	TALYS-6a	0	[8]	10		Sm-156(n,5n)Sm-152	TALYS-6a	0		19
Sm-153(n,6nt)Pm-145	TALYS-6a	0	[8]	7		Sm-156(n,6n)Sm-151	TALYS-6a	0		14
Sm-153(n,2nh)Nd-149	TALYS-6a	0	[8]	21		Sm-156(n,2nt)Pm-152g	TALYS-6a	0	[4]	23
Sm-153(n,3nh)Nd-148	TALYS-6a	0	[8]	16		Sm-156(n,2nt)Pm-152m	TALYS-6a	0	[4,7,8]	22
Sm-153(n,4nh)Nd-147	TALYS-6a	0	[8]	12		Sm-156(n,2nt)Pm-152n	TALYS-6a	0	[4,7,8]	22
Sm-153(n,3n2p)Nd-149	TALYS-6a	0	[8]	15		Sm-156(n,4np)Pm-152g	TALYS-6a	0	[4]	16
Sm-153(n,3n2a)Ce-143	TALYS-6a	0	[8]	22		Sm-156(n,4np)Pm-152m	TALYS-6a	0	[4,7,8]	15
Sm-153(n,3npa)Pr-146	TALYS-6a	0	[8,7,8]	16		Sm-156(n,4np)Pm-152n	TALYS-6a	0	[4,7,8]	15
Sm-153(n,n'pd)Nd-150	TALYS-6a	0	[8]	21		Sm-156(n,3nd)Pm-152g	TALYS-6a	0	[4]	17
Sm-153(n,n'ta)Pr-146	TALYS-6a	0	[8,7,8]	24		Sm-156(n,3nd)Pm-152m	TALYS-6a	0	[4,7,8]	16
Sm-153(n,2n2p)Nd-150	TALYS-6a	0	[8]	20		Sm-156(n,3nd)Pm-152n	TALYS-6a	0	[4,7,8]	16
Sm-153(n,4n2p)Nd-148	TALYS-6a	0	[8]	12		Sm-156(n,2npa)Pr-150	TALYS-6a	0	[8]	17
Sm-153(n,4n2a)Ce-142	TALYS-6a	0	[8]	17		Sm-156(n,7n)Sm-150	TALYS-6a	0		11
Sm-153(n,4npa)Pr-145	TALYS-6a	0	[8]	14		Sm-156(n,8n)Sm-149	TALYS-6a	0		7
Sm-153(n,5n2p)Nd-147	TALYS-6a	0	[8]	8		Sm-156(n,5np)Pm-151	TALYS-6a	0	[8]	13
Sm-154(n,2nd)Pm-151	TALYS-6a	0	[8]	25		Sm-156(n,6np)Pm-150	TALYS-6a	0	[8]	9
Sm-154(n,2n)Sm-153	JENDL-3.2	6	[13]	45		Sm-156(n,7np)Pm-149	TALYS-6a	0		7
Sm-154(n,3n)Sm-152	ADL-3	2	[13]	33		Sm-156(n,4na)Nd-149	TALYS-6a	0	[8]	20
Sm-154(n,n'a)Nd-150	TALYS-6a	0	[8]	60		Sm-156(n,5na)Nd-148	TALYS-6a	0	[8]	16

Sm-156(n,6na)Nd-147	TALYS-6a	0	[8]	12	Eu-145(n,4n2a)Pr-134m	TALYS-6a	0 [4,7,8,8]	9
Sm-156(n,7na)Nd-146	TALYS-6a	0	[8]	9	Eu-145(n,4npa)Nd-137g	TALYS-6a	0	11
Sm-156(n,4nd)Pm-151	TALYS-6a	0	[8]	14	Eu-145(n,4npa)Nd-137m	TALYS-6a	0	11
Sm-156(n,5nd)Pm-150	TALYS-6a	0	[8]	10	Eu-145(n,3p)Nd-143	TALYS-6a	0 [8]	31
Sm-156(n,6nd)Pm-149	TALYS-6a	0	[8]	7	Eu-145(n,n'3p)Nd-142	TALYS-6a	0 [8]	26
Sm-156(n,3nt)Pm-151	TALYS-6a	0	[8]	17	Eu-145(n,3n2pa)Pr-137	TALYS-6a	0 [8]	12
Sm-156(n,4nt)Pm-150	TALYS-6a	0	[8]	12	Eu-146(n,2nd)Sm-143g	TALYS-6a	0	26
Sm-156(n,5nt)Pm-149	TALYS-6a	0	[8]	10	Eu-146(n,2nd)Sm-143m	TALYS-6a	0	25
Sm-156(n,6nt)Pm-148g	TALYS-6a	0	[8]	6	Eu-146(n,2n)Eu-145	TALYS-6a	0	49
Sm-156(n,6nt)Pm-148m	TALYS-6a	0		6	Eu-146(n,3n)Eu-144	TALYS-6a	0	29
Sm-156(n,2nh)Nd-152	TALYS-6a	0	[8]	19	Eu-146(n,n'a)Pm-142	TALYS-6a	0	100
Sm-156(n,3nh)Nd-151	TALYS-6a	0	[8]	14	Eu-146(n,n'3a)La-134	TALYS-6a	0	100
Sm-156(n,4nh)Nd-150	TALYS-6a	0	[8]	12	Eu-146(n,2na)Pm-141	TALYS-6a	0 [8,7,8]	39
Sm-156(n,3n2p)Nd-152	TALYS-6a	0	[8]	14	Eu-146(n,3na)Pm-140g	TALYS-6a	0 [4,8,7,8]	25
Sm-156(n,3n2a)Ce-146	TALYS-6a	0	[8,7,8]	17	Eu-146(n,3na)Pm-140m	TALYS-6a	0 [4,7,8,8]	24
Sm-156(n,3npa)Pr-149	TALYS-6a	0	[8]	15	Eu-146(n,n'p)Sm-145	TALYS-6a	0 [8]	62
Sm-156(n,n'pd)Nd-153	TALYS-6a	0	[8,7,8]	18	Eu-146(n,n'2a)Pr-138g	TALYS-6a	0	100
Sm-156(n,2n2p)Nd-153	TALYS-6a	0	[8,7,8]	16	Eu-146(n,n'2a)Pr-138m	TALYS-6a	0	100
Sm-156(n,4n2p)Nd-151	TALYS-6a	0	[8]	10	Eu-146(n,2n2a)Pr-137	TALYS-6a	0 [8]	28
Sm-156(n,4n2a)Ce-145	TALYS-6a	0	[8]	13	Eu-146(n,n'd)Sm-144	TALYS-6a	0 [8]	42
Sm-156(n,4npa)Pr-148g	TALYS-6a	0		11	Eu-146(n,n't)Sm-143g	TALYS-6a	0	32
Sm-156(n,4npa)Pr-148m	TALYS-6a	0		11	Eu-146(n,n't)Sm-143m	TALYS-6a	0	31
Eu-145(n,2nd)Sm-142	TALYS-6a	0	[8]	25	Eu-146(n,n'h)Pm-143	TALYS-6a	0 [8]	33
Eu-145(n,2n)Eu-144	TALYS-6a	0		41	Eu-146(n,n'd2a)Ce-136	TALYS-6a	0 [8]	19
Eu-145(n,3n)Eu-143	TALYS-6a	0		26	Eu-146(n,4n)Eu-143	TALYS-6a	0	19
Eu-145(n,n'a)Pm-141	TALYS-6a	0	[7]	100	Eu-146(n,2np)Sm-144	TALYS-6a	0 [8]	39
Eu-145(n,n'3a)La-133	TALYS-6a	0		100	Eu-146(n,3np)Sm-143g	TALYS-6a	0	24
Eu-145(n,2na)Pm-140g	TALYS-6a	0	[4,8,7,8]	33	Eu-146(n,3np)Sm-143m	TALYS-6a	0	24
Eu-145(n,2na)Pm-140m	TALYS-6a	0	[4,7,8,8]	32	Eu-146(n,n'2p)Pm-144	TALYS-6a	0 [8]	34
Eu-145(n,3na)Pm-139g	TALYS-6a	0		23	Eu-146(n,n'pa)Nd-141g	TALYS-6a	0	43
Eu-145(n,3na)Pm-139m	TALYS-6a	0		23	Eu-146(n,n'pa)Nd-141m	TALYS-6a	0	42
Eu-145(n,n'p)Sm-144	TALYS-6a	0	[8]	64	Eu-146(n,g)Eu-147	MASGAM	0 [14,13]	83
Eu-145(n,n'2a)Pr-137	TALYS-6a	0		100	Eu-146(n,p)Sm-146	TALYS-6a	0 [2]	100
Eu-145(n,2n2a)Pr-136	TALYS-6a	0	[8]	25	Eu-146(n,d)Sm-145	TALYS-6a	0 [8]	71
Eu-145(n,n'd)Sm-143g	TALYS-6a	0		35	Eu-146(n,t)Sm-144	TALYS-6a	0 [8]	66
Eu-145(n,n'd)Sm-143m	TALYS-6a	0		33	Eu-146(n,h)Pm-144	TALYS-6a	0 [8]	50
Eu-145(n,n't)Sm-142	TALYS-6a	0	[8]	30	Eu-146(n,a)Pm-143	TALYS-6a	0 [2]	100
Eu-145(n,n'h)Pm-142	TALYS-6a	0	[8]	30	Eu-146(n,2a)Pr-139	TALYS-6a	0 [10]	100
Eu-145(n,n'd2a)Ce-135g	TALYS-6a	0		16	Eu-146(n,2p)Pm-145	TALYS-6a	0 [8]	57
Eu-145(n,n'd2a)Ce-135m	TALYS-6a	0		16	Eu-146(n,pa)Nd-142	TALYS-6a	0 [10]	100
Eu-145(n,n't2a)Ce-134	TALYS-6a	0	[8]	15	Eu-146(n,pd)Pm-144	TALYS-6a	0 [8]	37
Eu-145(n,4n)Eu-142g	TALYS-6a	0	[4,7,8]	16	Eu-146(n,pt)Pm-143	TALYS-6a	0 [8]	35
Eu-145(n,4n)Eu-142m	TALYS-6a	0	[4,7,8]	15	Eu-146(n,da)Nd-141g	TALYS-6a	0	45
Eu-145(n,2np)Sm-143g	TALYS-6a	0		32	Eu-146(n,da)Nd-141m	TALYS-6a	0	43
Eu-145(n,2np)Sm-143m	TALYS-6a	0		31	Eu-146(n,5n)Eu-142g	TALYS-6a	0 [4,7,8]	12
Eu-145(n,3np)Sm-142	TALYS-6a	0	[8]	23	Eu-146(n,5n)Eu-142m	TALYS-6a	0 [4,7,8]	11
Eu-145(n,n'2p)Pm-143	TALYS-6a	0	[8]	36	Eu-146(n,6n)Eu-141g	TALYS-6a	0	8
Eu-145(n,n'pa)Nd-140	TALYS-6a	0	[8]	42	Eu-146(n,6n)Eu-141m	TALYS-6a	0	8
Eu-145(n,g)Eu-146	MASGAM	0	[14,13]	83	Eu-146(n,2nt)Sm-142	TALYS-6a	0 [8]	23
Eu-145(n,p)Sm-145	TALYS-6a	0	[2]	100	Eu-146(n,ta)Nd-140	TALYS-6a	0 [8]	40
Eu-145(n,d)Sm-144	TALYS-6a	0	[8]	73	Eu-146(n,4np)Sm-142	TALYS-6a	0 [8]	16
Eu-145(n,t)Sm-143g	TALYS-6a	0		49	Eu-146(n,3nd)Sm-142	TALYS-6a	0 [8]	17
Eu-145(n,t)Sm-143m	TALYS-6a	0		47	Eu-146(n,n'da)Nd-140	TALYS-6a	0 [8]	30
Eu-145(n,h)Pm-143	TALYS-6a	0	[8]	55	Eu-146(n,2npa)Nd-140	TALYS-6a	0 [8]	29
Eu-145(n,a)Pm-142	TALYS-6a	0	[2]	100	Eu-146(n,5np)Sm-141g	TALYS-6a	0	11
Eu-145(n,2a)Pr-138g	TALYS-6a	0		100	Eu-146(n,5np)Sm-141m	TALYS-6a	0	11
Eu-145(n,2a)Pr-138m	TALYS-6a	0		100	Eu-146(n,4na)Pm-139g	TALYS-6a	0	16
Eu-145(n,2p)Pm-144	TALYS-6a	0	[8]	54	Eu-146(n,4na)Pm-139m	TALYS-6a	0	16
Eu-145(n,pa)Nd-141g	TALYS-6a	0		100	Eu-146(n,5na)Pm-138g	TALYS-6a	0	11
Eu-145(n,pa)Nd-141m	TALYS-6a	0		100	Eu-146(n,5na)Pm-138m	TALYS-6a	0	11
Eu-145(n,pd)Pm-143	TALYS-6a	0	[8]	38	Eu-146(n,4nd)Sm-141g	TALYS-6a	0	11
Eu-145(n,pt)Pm-142	TALYS-6a	0	[8]	30	Eu-146(n,4nd)Sm-141m	TALYS-6a	0	11
Eu-145(n,da)Nd-140	TALYS-6a	0	[8]	43	Eu-146(n,5nd)Sm-140	TALYS-6a	0 [8,7,8]	7
Eu-145(n,5n)Eu-141g	TALYS-6a	0		11	Eu-146(n,3nt)Sm-141g	TALYS-6a	0	14
Eu-145(n,5n)Eu-141m	TALYS-6a	0		11	Eu-146(n,3nt)Sm-141m	TALYS-6a	0	14
Eu-145(n,2nt)Sm-141g	TALYS-6a	0		19	Eu-146(n,4nt)Sm-140	TALYS-6a	0 [8,7,8]	10
Eu-145(n,2nt)Sm-141m	TALYS-6a	0		19	Eu-146(n,2nh)Pm-142	TALYS-6a	0 [8]	23
Eu-145(n,ta)Nd-139g	TALYS-6a	0		33	Eu-146(n,3nh)Pm-141	TALYS-6a	0 [8,7,8]	15
Eu-145(n,ta)Nd-139m	TALYS-6a	0		33	Eu-146(n,4nh)Pm-140g	TALYS-6a	0 [4,8,7,8]	10
Eu-145(n,4np)Sm-141g	TALYS-6a	0		14	Eu-146(n,4nh)Pm-140m	TALYS-6a	0 [4,7,8,8]	9
Eu-145(n,4np)Sm-141m	TALYS-6a	0		14	Eu-146(n,3n2p)Pm-142	TALYS-6a	0 [8]	16
Eu-145(n,3nd)Sm-141g	TALYS-6a	0		15	Eu-146(n,3n2a)Pr-136	TALYS-6a	0 [8]	17
Eu-145(n,3nd)Sm-141m	TALYS-6a	0		15	Eu-146(n,3npa)Nd-139g	TALYS-6a	0	18
Eu-145(n,n'da)Nd-139g	TALYS-6a	0		27	Eu-146(n,3npa)Nd-139m	TALYS-6a	0	18
Eu-145(n,n'da)Nd-139m	TALYS-6a	0		26	Eu-146(n,dt)Pm-142	TALYS-6a	0 [8]	23
Eu-145(n,2npa)Nd-139g	TALYS-6a	0		26	Eu-146(n,n'pd)Pm-143	TALYS-6a	0 [8]	27
Eu-145(n,2npa)Nd-139m	TALYS-6a	0		26	Eu-146(n,n'pt)Pm-142	TALYS-6a	0 [8]	23
Eu-145(n,5np)Sm-140	TALYS-6a	0		10	Eu-146(n,n'dt)Pm-141	TALYS-6a	0 [8,7,8]	16
Eu-145(n,4na)Pm-138g	TALYS-6a	0		14	Eu-146(n,n'ph)Nd-142	TALYS-6a	0 [8]	25
Eu-145(n,4na)Pm-138m	TALYS-6a	0		14	Eu-146(n,n'dh)Nd-141g	TALYS-6a	0	15
+Eu-145(n,5na)Pm-137g	TALYS-6a	0	[4,8,7,8]	10	Eu-146(n,n'dh)Nd-141m	TALYS-6a	0	15
+Eu-145(n,5na)Pm-137m	TALYS-6a	0	[4,7,8,8]	9	Eu-146(n,n'ta)Nd-139g	TALYS-6a	0	25
Eu-145(n,4nd)Sm-140	TALYS-6a	0		11	Eu-146(n,n'ta)Nd-139m	TALYS-6a	0	25
Eu-145(n,3nt)Sm-140	TALYS-6a	0	[8,7,8]	13	Eu-146(n,2n2p)Pm-143	TALYS-6a	0 [8]	26
Eu-145(n,4nt)Sm-139g	TALYS-6a	0		8	Eu-146(n,ha)Pr-140	TALYS-6a	0 [8]	31
Eu-145(n,4nt)Sm-139m	TALYS-6a	0		8	Eu-146(n,4n2p)Pm-141	TALYS-6a	0 [8,7,8]	12
Eu-145(n,2nh)Pm-141	TALYS-6a	0		21	Eu-146(n,4n2a)Pr-135	TALYS-6a	0 [8]	12
Eu-145(n,3nh)Pm-140g	TALYS-6a	0	[4,8,7,8]	14	Eu-146(n,4npa)Nd-138	TALYS-6a	0 [8]	13
Eu-145(n,3nh)Pm-140m	TALYS-6a	0	[4,7,8,8]	13	Eu-146(n,n'3p)Nd-143	TALYS-6a	0 [8]	23
Eu-145(n,4nh)Pm-139g	TALYS-6a	0		9	Eu-146(n,3n2pa)Pr-138g	TALYS-6a	0	11
Eu-145(n,4nh)Pm-139m	TALYS-6a	0		9	Eu-146(n,3n2pa)Pr-138m	TALYS-6a	0	11
Eu-145(n,3n2p)Pm-141	TALYS-6a	0	[8,7,8]	16	Eu-147(n,2nd)Sm-144	TALYS-6a	0 [8]	28
Eu-145(n,3n2a)Pr-135	TALYS-6a	0	[8]	16	Eu-147(n,2n)Eu-146	TALYS-6a	0	44
Eu-145(n,3npa)Nd-138	TALYS-6a	0	[8]	17	Eu-147(n,3n)Eu-145	TALYS-6a	0	31
Eu-145(n,dt)Pm-141	TALYS-6a	0	[8,7,8]	22	Eu-147(n,n'a)Pm-143	TALYS-6a	0	100
Eu-145(n,n'pd)Pm-142	TALYS-6a	0	[8]	25	Eu-147(n,n'3a)La-135	TALYS-6a	0	100
Eu-145(n,n'pt)Pm-141	TALYS-6a	0	[8,7,8]	22	Eu-147(n,2na)Pm-142	TALYS-6a	0	39
Eu-145(n,n'dt)Pm-140g	TALYS-6a	0	[4,8,7,8]	14	Eu-147(n,3na)Pm-141	TALYS-6a	0 [8,7,8]	27
Eu-145(n,n'dt)Pm-140m	TALYS-6a	0	[4,7,8,8]	13	Eu-147(n,n'p)Sm-146	TALYS-6a	0 [8]	62
Eu-145(n,n'ph)Nd-141g	TALYS-6a	0		22	Eu-147(n,n'2a)Pr-139	TALYS-6a	0	100
Eu-145(n,n'ph)Nd-141m	TALYS-6a	0		21	Eu-147(n,2n2a)Pr-138g	TALYS-6a	0	27
Eu-145(n,n'dh)Nd-140	TALYS-6a	0		15	Eu-147(n,2n2a)Pr-138m	TALYS-6a	0	27
Eu-145(n,n'ta)Nd-138	TALYS-6a	0	[8]	24	Eu-147(n,n'd)Sm-145	TALYS-6a	0 [8]	38
Eu-145(n,2n2p)Pm-142	TALYS-6a	0	[8]	23	Eu-147(n,n't)Sm-144	TALYS-6a	0 [8]	36
Eu-145(n,ph)Nd-142	TALYS-6a	0	[8]	33	Eu-147(n,n'h)Pm-144	TALYS-6a	0 [8]	31
Eu-145(n,ha)Pr-139	TALYS-6a	0	[8]	31	Eu-147(n,4n)Eu-144	TALYS-6a	0	20
Eu-145(n,4n2p)Pm-140g	TALYS-6a	0	[4,8,7,8]	10	Eu-147(n,2np)Sm-145	TALYS-6a	0 [8]	35
Eu-145(n,4n2p)Pm-140m	TALYS-6a	0	[4,7,8,8]	9	Eu-147(n,3np)Sm-144	TALYS-6a	0 [8]	26
Eu-145(n,4n2a)Pr-134g	TALYS-6a	0	[4,8,7,8]	10	Eu-147(n,n'2p)Pm-145	TALYS-6a	0 [8]	33

Reaction	Library		Refs	
Eu-147(n,n'pa)Nd-142	TALYS-6a	0	[8]	49
Eu-147(n,g)Eu-148	MASGAM	0	[14,13]	83
Eu-147(n,p)Sm-147	TALYS-6a	0	[2]	100
Eu-147(n,d)Sm-146	TALYS-6a	0	[8]	71
Eu-147(n,t)Sm-145	TALYS-6a	0	[8]	58
Eu-147(n,h)Pm-145	TALYS-6a	0	[8]	47
Eu-147(n,a)Pm-144	TALYS-6a	0	[2]	100
Eu-147(n,2a)Pr-140	TALYS-6a	0	[10]	100
Eu-147(n,2p)Pm-146	TALYS-6a	0	[8]	45
Eu-147(n,pa)Nd-143	TALYS-6a	0		100
Eu-147(n,pd)Pm-145	TALYS-6a	0	[8]	35
Eu-147(n,pt)Pm-144	TALYS-6a	0	[8]	31
Eu-147(n,da)Nd-142	TALYS-6a	0		100
Eu-147(n,5n)Eu-143	TALYS-6a	0		14
Eu-147(n,6n)Eu-142g	TALYS-6a	0	[4,7,8]	8
Eu-147(n,6n)Eu-142m	TALYS-6a	0	[4,7,8]	7
Eu-147(n,2nt)Sm-143g	TALYS-6a	0		23
Eu-147(n,2nt)Sm-143m	TALYS-6a	0		22
Eu-147(n,ta)Nd-141g	TALYS-6a	0		39
Eu-147(n,ta)Nd-141m	TALYS-6a	0		37
Eu-147(n,4np)Sm-143g	TALYS-6a	0		16
Eu-147(n,4np)Sm-143m	TALYS-6a	0		16
Eu-147(n,3nd)Sm-143g	TALYS-6a	0		17
Eu-147(n,3nd)Sm-143m	TALYS-6a	0		17
Eu-147(n,n'da)Nd-141g	TALYS-6a	0		29
Eu-147(n,n'da)Nd-141m	TALYS-6a	0		28
Eu-147(n,2npa)Nd-141g	TALYS-6a	0		28
Eu-147(n,2npa)Nd-141m	TALYS-6a	0		28
Eu-147(n,5np)Sm-142	TALYS-6a	0		12
Eu-147(n,6np)Sm-141g	TALYS-6a	0		6
Eu-147(n,6np)Sm-141m	TALYS-6a	0		6
Eu-147(n,4na)Pm-140g	TALYS-6a	0	[4,8,7,8]	16
Eu-147(n,4na)Pm-140m	TALYS-6a	0	[4,7,8,8]	15
Eu-147(n,5na)Pm-139g	TALYS-6a	0		12
Eu-147(n,5na)Pm-139m	TALYS-6a	0		12
Eu-147(n,4nd)Sm-142	TALYS-6a	0		13
Eu-147(n,5nd)Sm-141g	TALYS-6a	0		7
Eu-147(n,5nd)Sm-141m	TALYS-6a	0		7
Eu-147(n,3nt)Sm-142	TALYS-6a	0	[8]	15
Eu-147(n,4nt)Sm-141g	TALYS-6a	0		10
Eu-147(n,4nt)Sm-141m	TALYS-6a	0		10
Eu-147(n,2nh)Pm-143	TALYS-6a	0	[8]	25
Eu-147(n,3nh)Pm-142	TALYS-6a	0	[8]	15
Eu-147(n,4nh)Pm-141	TALYS-6a	0	[8,7,8]	11
Eu-147(n,3n2p)Pm-143	TALYS-6a	0	[8]	17
Eu-147(n,3n2a)Pr-137	TALYS-6a	0	[8]	19
Eu-147(n,3npa)Nd-140	TALYS-6a	0	[8]	20
Eu-147(n,dt)Pm-143	TALYS-6a	0	[8]	25
Eu-147(n,n'pd)Pm-144	TALYS-6a	0	[8]	25
Eu-147(n,n'pt)Pm-143	TALYS-6a	0	[8]	25
Eu-147(n,n'dt)Pm-142	TALYS-6a	0	[8]	16
Eu-147(n,n'ph)Nd-143	TALYS-6a	0	[8]	21
Eu-147(n,n'dh)Nd-142	TALYS-6a	0	[8]	16
Eu-147(n,n'ta)Nd-140	TALYS-6a	0	[8]	27
Eu-147(n,2n2p)Pm-144	TALYS-6a	0	[8]	24
Eu-147(n,ha)Pr-141	TALYS-6a	0	[8]	35
Eu-147(n,4n2p)Pm-142	TALYS-6a	0	[8]	12
Eu-147(n,4n2a)Pr-136	TALYS-6a	0	[8]	12
Eu-147(n,4npa)Nd-139g	TALYS-6a	0		13
Eu-147(n,4npa)Nd-139m	TALYS-6a	0		13
Eu-147(n,n'3p)Nd-144	TALYS-6a	0	[8]	23
Eu-147(n,3n2pa)Pr-139	TALYS-6a	0	[8]	12
Eu-147(n,5n2p)Pm-141	TALYS-6a	0	[8,7,8]	7
Eu-148(n,2nd)Sm-145	TALYS-6a	0	[8]	28
Eu-148(n,2n)Eu-147	TALYS-6a	0		51
Eu-148(n,3n)Eu-146	TALYS-6a	0		31
Eu-148(n,n'a)Pm-144	TALYS-6a	0		100
Eu-148(n,2na)Pm-143	TALYS-6a	0	[8]	46
Eu-148(n,3na)Pm-142	TALYS-6a	0	[8]	29
Eu-148(n,n'p)Sm-147	TALYS-6a	0	[8]	60
Eu-148(n,n'2a)Pr-140	TALYS-6a	0		100
Eu-148(n,2n2a)Pr-139	TALYS-6a	0	[8]	31
Eu-148(n,n'd)Sm-146	TALYS-6a	0	[8]	41
Eu-148(n,n't)Sm-145	TALYS-6a	0	[8]	36
Eu-148(n,n'h)Pm-145	TALYS-6a	0	[8]	32
Eu-148(n,4n)Eu-145	TALYS-6a	0		24
Eu-148(n,2np)Sm-146	TALYS-6a	0	[8]	38
Eu-148(n,3np)Sm-145	TALYS-6a	0		27
Eu-148(n,n'2p)Pm-146	TALYS-6a	0	[8]	31
Eu-148(n,n'pa)Nd-143	TALYS-6a	0	[8]	45
Eu-148(n,g)Eu-149	MASGAM	0	[14,13]	83
Eu-148(n,p)Sm-148	TALYS-6a	0	[2]	100
Eu-148(n,d)Sm-147	TALYS-6a	0	[8]	68
Eu-148(n,t)Sm-146	TALYS-6a	0	[8]	65
Eu-148(n,h)Pm-146	TALYS-6a	0	[8]	44
Eu-148(n,a)Pm-145	TALYS-6a	0	[2]	100
Eu-148(n,2a)Pr-141	TALYS-6a	0	[10]	100
Eu-148(n,2p)Pm-147	TALYS-6a	0	[8]	48
Eu-148(n,pa)Nd-144	TALYS-6a	0	[10]	100
Eu-148(n,pd)Pm-146	TALYS-6a	0		33
Eu-148(n,pt)Pm-145	TALYS-6a	0	[8]	33
Eu-148(n,da)Nd-143	TALYS-6a	0		100
Eu-148(n,5n)Eu-144	TALYS-6a	0		15
Eu-148(n,6n)Eu-143	TALYS-6a	0		10
Eu-148(n,2nt)Sm-144	TALYS-6a	0	[8]	27
Eu-148(n,ta)Nd-142	TALYS-6a	0		100
Eu-148(n,4np)Sm-144	TALYS-6a	0	[8]	20
Eu-148(n,3nd)Sm-144	TALYS-6a	0	[8]	21
Eu-148(n,n'da)Nd-142	TALYS-6a	0	[8]	35
Eu-148(n,2npa)Nd-142	TALYS-6a	0	[8]	33
Eu-148(n,5np)Sm-143g	TALYS-6a	0		13
Eu-148(n,5np)Sm-143m	TALYS-6a	0		13
Eu-148(n,6np)Sm-142	TALYS-6a	0		9
Eu-148(n,4na)Pm-141	TALYS-6a	0	[8,7,8]	20
Eu-148(n,5na)Pm-140g	TALYS-6a	0	[4,8,7,8]	13
Eu-148(n,5na)Pm-140m	TALYS-6a	0	[4,7,8,8]	12
Eu-148(n,6na)Pm-139g	TALYS-6a	0		8
Eu-148(n,6na)Pm-139m	TALYS-6a	0		8
Eu-148(n,4nd)Sm-143g	TALYS-6a	0		14
Eu-148(n,4nd)Sm-143m	TALYS-6a	0		13
Eu-148(n,5nd)Sm-142	TALYS-6a	0	[8]	9
Eu-148(n,3nt)Sm-143g	TALYS-6a	0		16
Eu-148(n,3nt)Sm-143m	TALYS-6a	0		16
Eu-148(n,4nt)Sm-142	TALYS-6a	0	[8]	12
Eu-148(n,2nh)Pm-144	TALYS-6a	0	[8]	24
Eu-148(n,3nh)Pm-143	TALYS-6a	0	[8]	18
Eu-148(n,4nh)Pm-142	TALYS-6a	0	[8]	12
Eu-148(n,3n2p)Pm-144	TALYS-6a	0	[8]	17
Eu-148(n,3n2a)Pr-138g	TALYS-6a	0		19
Eu-148(n,3n2a)Pr-138m	TALYS-6a	0		19
Eu-148(n,3npa)Nd-141g	TALYS-6a	0		21
Eu-148(n,3npa)Nd-141m	TALYS-6a	0		20
Eu-148(n,n'pd)Pm-145	TALYS-6a	0	[8]	26
Eu-148(n,n'pt)Pm-144	TALYS-6a	0	[8]	24
Eu-148(n,n'dt)Pm-143	TALYS-6a	0	[8]	18
Eu-148(n,n'ph)Nd-144	TALYS-6a	0	[8]	23
Eu-148(n,n'ta)Nd-141g	TALYS-6a	0		28
Eu-148(n,n'ta)Nd-141m	TALYS-6a	0		27
Eu-148(n,2n2p)Pm-145	TALYS-6a	0	[8]	25
Eu-148(n,ha)Pr-142g	TALYS-6a	0		32
Eu-148(n,ha)Pr-142m	TALYS-6a	0		32
Eu-148(n,4n2p)Pm-143	TALYS-6a	0	[8]	13
Eu-148(n,4n2a)Pr-137	TALYS-6a	0	[8]	14
Eu-148(n,4npa)Nd-140	TALYS-6a	0	[8]	15
Eu-148(n,n'3p)Nd-145	TALYS-6a	0	[8]	21
Eu-148(n,3n2pa)Pr-140	TALYS-6a	0	[8]	13
Eu-148(n,5n2p)Pm-142	TALYS-6a	0	[8]	8
Eu-149(n,2nd)Sm-146	TALYS-6a	0	[8]	28
Eu-149(n,2n)Eu-148	TALYS-6a	0		45
Eu-149(n,3n)Eu-147	TALYS-6a	0		31
Eu-149(n,n'a)Pm-145	TALYS-6a	0		100
Eu-149(n,n'3a)La-137	TALYS-6a	0		100
Eu-149(n,2na)Pm-144	TALYS-6a	0	[8]	42
Eu-149(n,3na)Pm-143	TALYS-6a	0	[8]	30
Eu-149(n,n'p)Sm-148	TALYS-6a	0	[8]	59
Eu-149(n,n'2a)Pr-141	TALYS-6a	0		100
Eu-149(n,2n2a)Pr-140	TALYS-6a	0	[8]	31
Eu-149(n,n'd)Sm-147	TALYS-6a	0	[8]	37
Eu-149(n,n't)Sm-146	TALYS-6a	0	[8]	37
Eu-149(n,n'h)Pm-146	TALYS-6a	0	[8]	30
Eu-149(n,4n)Eu-146	TALYS-6a	0		23
Eu-149(n,2np)Sm-147	TALYS-6a	0	[8]	34
Eu-149(n,3np)Sm-146	TALYS-6a	0	[8]	26
Eu-149(n,n'2p)Pm-147	TALYS-6a	0	[8]	30
Eu-149(n,n'pa)Nd-144	TALYS-6a	0		44
Eu-149(n,g)Eu-150g	MASGAM	0	[14,13,4,6]	83
Eu-149(n,g)Eu-150m	MASGAM	0	[14,13,4,6]	83
Eu-149(n,p)Sm-149	TALYS-6a	0	[2]	100
Eu-149(n,d)Sm-148	TALYS-6a	0	[8]	67
Eu-149(n,t)Sm-147	TALYS-6a	0	[8]	56
Eu-149(n,h)Pm-147	TALYS-6a	0	[8]	43
Eu-149(n,a)Pm-146	TALYS-6a	0	[2]	100
Eu-149(n,2a)Pr-142g	TALYS-6a	0	[10]	100
Eu-149(n,2a)Pr-142m	TALYS-6a	0	[10]	100
Eu-149(n,2p)Pm-148g	TALYS-6a	0		41
Eu-149(n,2p)Pm-148m	TALYS-6a	0		41
Eu-149(n,pa)Nd-145	TALYS-6a	0		100
Eu-149(n,d2a)Ce-140	TALYS-6a	0		100
Eu-149(n,pd)Pm-147	TALYS-6a	0	[8]	32
Eu-149(n,pt)Pm-146	TALYS-6a	0	[8]	30
Eu-149(n,da)Nd-144	TALYS-6a	0	[8]	45
Eu-149(n,5n)Eu-145	TALYS-6a	0		16
Eu-149(n,6n)Eu-144	TALYS-6a	0		11
Eu-149(n,2nt)Sm-145	TALYS-6a	0	[8]	25
Eu-149(n,ta)Nd-143	TALYS-6a	0	[8]	41
Eu-149(n,4np)Sm-145	TALYS-6a	0	[8]	18
Eu-149(n,3nd)Sm-145	TALYS-6a	0	[8]	20
Eu-149(n,n'da)Nd-143	TALYS-6a	0	[8]	30
Eu-149(n,2npa)Nd-143	TALYS-6a	0	[8]	29
Eu-149(n,5np)Sm-144	TALYS-6a	0		14
Eu-149(n,6np)Sm-143g	TALYS-6a	0		9
Eu-149(n,6np)Sm-143m	TALYS-6a	0		8
Eu-149(n,4na)Pm-142	TALYS-6a	0	[8]	20
Eu-149(n,5na)Pm-141	TALYS-6a	0	[8]	14
Eu-149(n,6na)Pm-140g	TALYS-6a	0	[4,8,7,8]	8
Eu-149(n,6na)Pm-140m	TALYS-6a	0	[4,7,8,8]	7
Eu-149(n,4nd)Sm-144	TALYS-6a	0		15
Eu-149(n,5nd)Sm-143g	TALYS-6a	0		9
Eu-149(n,5nd)Sm-143m	TALYS-6a	0		9
Eu-149(n,3nt)Sm-144	TALYS-6a	0	[8]	18
Eu-149(n,4nt)Sm-143g	TALYS-6a	0		12
Eu-149(n,4nt)Sm-143m	TALYS-6a	0		12
Eu-149(n,5nt)Sm-142	TALYS-6a	0	[8,7,8]	8
Eu-149(n,2nh)Pm-145	TALYS-6a	0	[8]	24
Eu-149(n,3nh)Pm-144	TALYS-6a	0	[8]	16
Eu-149(n,4nh)Pm-143	TALYS-6a	0	[8]	13
Eu-149(n,3n2p)Pm-145	TALYS-6a	0	[8]	16
Eu-149(n,3n2a)Pr-139	TALYS-6a	0	[8]	22
Eu-149(n,3npa)Nd-142	TALYS-6a	0	[8]	23
Eu-149(n,n'pd)Pm-146	TALYS-6a	0	[8]	24
Eu-149(n,n'pt)Pm-145	TALYS-6a	0	[8]	24
Eu-149(n,n'dt)Pm-144	TALYS-6a	0	[8]	16
Eu-149(n,n'ph)Nd-145	TALYS-6a	0	[8]	19
Eu-149(n,n'ta)Nd-142	TALYS-6a	0	[8]	31
Eu-149(n,2n2p)Pm-146	TALYS-6a	0	[8]	23
Eu-149(n,4n2p)Pm-144	TALYS-6a	0	[8]	13
Eu-149(n,4n2a)Pr-138g	TALYS-6a	0		13
Eu-149(n,4n2a)Pr-138m	TALYS-6a	0		13
Eu-149(n,4npa)Nd-141g	TALYS-6a	0		14
Eu-149(n,4npa)Nd-141m	TALYS-6a	0		14
Eu-149(n,3n2pa)Pr-141	TALYS-6a	0	[8]	14
Eu-149(n,5n2p)Pm-143	TALYS-6a	0	[8]	9
Eu-150(n,n')Eu-150m	TALYS-6a	0		91
Eu-150(n,2nd)Sm-148	TALYS-6a	0	[8]	28
Eu-150(n,2n)Eu-149	TALYS-6a	0		53
Eu-150(n,3n)Eu-148	TALYS-6a	0		32
Eu-150(n,n'a)Pm-146	TALYS-6a	0		100
Eu-150(n,n'3a)La-138	TALYS-6a	0		100

Reaction	Library	Flag	Refs	Value
Eu-150(n,2na)Pm-145	TALYS-6a	0	[8]	45
Eu-150(n,3na)Pm-144	TALYS-6a	0	[8]	30
Eu-150(n,n'p)Sm-149	TALYS-6a	0	[8]	56
Eu-150(n,n'2a)Pr-142g	TALYS-6a	0		100
Eu-150(n,n'2a)Pr-142m	TALYS-6a	0		100
Eu-150(n,2n2a)Pr-141	TALYS-6a	0	[8]	38
Eu-150(n,n'd)Sm-148	TALYS-6a	0	[8]	41
Eu-150(n,n't)Sm-147	TALYS-6a	0	[8]	36
Eu-150(n,n'h)Pm-147	TALYS-6a	0	[8]	31
Eu-150(n,n'd2a)Ce-140	TALYS-6a	0	[8]	26
Eu-150(n,4n)Eu-147	TALYS-6a	0		25
Eu-150(n,2np)Sm-148	TALYS-6a	0	[8]	38
Eu-150(n,3np)Sm-147	TALYS-6a	0		27
Eu-150(n,n'2p)Pm-148g	TALYS-6a	0		30
Eu-150(n,n'2p)Pm-148m	TALYS-6a	0		29
Eu-150(n,n'pa)Nd-145	TALYS-6a	0	[8]	42
Eu-150(n,g)Eu-151	MASGAM	0	[14,13]	83
Eu-150(n,p)Sm-150	TALYS-6a	0	[2]	100
Eu-150(n,d)Sm-149	TALYS-6a	0	[8]	64
Eu-150(n,t)Sm-148	TALYS-6a	0	[8]	64
Eu-150(n,h)Pm-148g	TALYS-6a	0		42
Eu-150(n,h)Pm-148m	TALYS-6a	0		42
Eu-150(n,a)Pm-147	TALYS-6a	0	[2]	100
Eu-150(n,2a)Pr-143	TALYS-6a	0	[10]	100
Eu-150(n,2p)Pm-149	TALYS-6a	0	[8]	43
Eu-150(n,pa)Nd-146	TALYS-6a	0		100
Eu-150(n,pd)Pm-148g	TALYS-6a	0		31
Eu-150(n,pd)Pm-148m	TALYS-6a	0		31
Eu-150(n,pt)Pm-147	TALYS-6a	0	[8]	31
Eu-150(n,da)Nd-145	TALYS-6a	0	[8]	44
Eu-150(n,5n)Eu-146	TALYS-6a	0		16
Eu-150(n,6n)Eu-145	TALYS-6a	0		13
Eu-150(n,2nt)Sm-146	TALYS-6a	0	[8]	27
Eu-150(n,ta)Nd-144	TALYS-6a	0	[8]	44
Eu-150(n,4np)Sm-146	TALYS-6a	0	[8]	20
Eu-150(n,3nd)Sm-146	TALYS-6a	0	[8]	21
Eu-150(n,n'da)Nd-144	TALYS-6a	0	[8]	32
Eu-150(n,2npa)Nd-144	TALYS-6a	0	[8]	31
Eu-150(n,5np)Sm-145	TALYS-6a	0	[8]	14
Eu-150(n,6np)Sm-144	TALYS-6a	0		11
Eu-150(n,4na)Pm-143	TALYS-6a	0	[8]	24
Eu-150(n,5na)Pm-142	TALYS-6a	0	[8]	15
Eu-150(n,6na)Pm-141	TALYS-6a	0	[8,7,8]	10
Eu-150(n,4nd)Sm-145	TALYS-6a	0	[8]	15
Eu-150(n,5nd)Sm-144	TALYS-6a	0		12
Eu-150(n,3nt)Sm-145	TALYS-6a	0	[8]	19
Eu-150(n,4nt)Sm-144	TALYS-6a	0	[8]	14
Eu-150(n,5nt)Sm-143g	TALYS-6a	0		9
Eu-150(n,5nt)Sm-143m	TALYS-6a	0		8
Eu-150(n,2nh)Pm-146	TALYS-6a	0	[8]	23
Eu-150(n,3nh)Pm-145	TALYS-6a	0	[8]	17
Eu-150(n,4nh)Pm-144	TALYS-6a	0	[8]	13
Eu-150(n,3n2p)Pm-146	TALYS-6a	0	[8]	16
Eu-150(n,3n2a)Pr-140	TALYS-6a	0	[8]	16
Eu-150(n,3npa)Nd-143	TALYS-6a	0	[8]	23
Eu-150(n,n'pd)Pm-147	TALYS-6a	0	[8]	25
Eu-150(n,n'pt)Pm-146	TALYS-6a	0	[8]	23
Eu-150(n,n'dt)Pm-145	TALYS-6a	0	[8]	18
Eu-150(n,n'ta)Nd-143	TALYS-6a	0	[8]	30
Eu-150(n,2n2p)Pm-147	TALYS-6a	0	[8]	24
Eu-150(n,4n2p)Pm-145	TALYS-6a	0	[8]	13
Eu-150(n,4n2a)Pr-139	TALYS-6a	0	[8]	16
Eu-150(n,4npa)Nd-142	TALYS-6a	0	[8]	17
Eu-150(n,3n2pa)Pr-142g	TALYS-6a	0		13
Eu-150(n,3n2pa)Pr-142m	TALYS-6a	0		13
Eu-150(n,5n2p)Pm-144	TALYS-6a	0	[8]	10
Eu-150m(n,n')Eu-150g	TALYS-6a	0	[8,8,8]	96
Eu-150m(n,2nd)Sm-147	TALYS-6a	0	[8]	28
Eu-150m(n,2n)Eu-149	TALYS-6a	0		53
Eu-150m(n,3n)Eu-148	TALYS-6a	0		32
Eu-150m(n,n'a)Pm-146	TALYS-6a	0		100
Eu-150m(n,2na)Pm-145	TALYS-6a	0	[8]	45
Eu-150m(n,3na)Pm-144	TALYS-6a	0	[8]	30
Eu-150m(n,n'p)Sm-149	TALYS-6a	0	[8]	56
Eu-150m(n,n'2a)Pr-142g	TALYS-6a	0		100
Eu-150m(n,n'2a)Pr-142m	TALYS-6a	0		100
Eu-150m(n,2n2a)Pr-141	TALYS-6a	0	[8]	37
Eu-150m(n,n'd)Sm-148	TALYS-6a	0	[8]	41
Eu-150m(n,n't)Sm-147	TALYS-6a	0	[8]	36
Eu-150m(n,n'h)Pm-147	TALYS-6a	0	[8]	31
Eu-150m(n,n'd2a)Ce-140	TALYS-6a	0	[8]	23
Eu-150m(n,4n)Eu-147	TALYS-6a	0		25
Eu-150m(n,2np)Sm-148	TALYS-6a	0	[8]	38
Eu-150m(n,3np)Sm-147	TALYS-6a	0		27
Eu-150m(n,n'2p)Pm-148g	TALYS-6a	0		30
Eu-150m(n,n'2p)Pm-148m	TALYS-6a	0		29
Eu-150m(n,n'pa)Nd-145	TALYS-6a	0	[8]	41
Eu-150m(n,g)Eu-151	MASGAM	0	[14,13]	83
Eu-150m(n,p)Sm-150	TALYS-6a	0	[2]	100
Eu-150m(n,d)Sm-149	TALYS-6a	0	[8]	65
Eu-150m(n,t)Sm-148	TALYS-6a	0	[8]	65
Eu-150m(n,h)Pm-148g	TALYS-6a	0		41
Eu-150m(n,h)Pm-148m	TALYS-6a	0		41
Eu-150m(n,a)Pm-147	TALYS-6a	0	[2]	100
Eu-150m(n,2a)Pr-143	TALYS-6a	0	[10]	100
Eu-150m(n,2p)Pm-149	TALYS-6a	0	[8]	43
Eu-150m(n,pa)Nd-146	TALYS-6a	0		100
Eu-150m(n,pd)Pm-148g	TALYS-6a	0		31
Eu-150m(n,pd)Pm-148m	TALYS-6a	0		31
Eu-150m(n,pt)Pm-147	TALYS-6a	0	[8]	31
Eu-150m(n,da)Nd-145	TALYS-6a	0	[8]	43
Eu-150m(n,5n)Eu-146	TALYS-6a	0		16
Eu-150m(n,6n)Eu-145	TALYS-6a	0		13
Eu-150m(n,2nt)Sm-146	TALYS-6a	0	[8]	27
Eu-150m(n,ta)Nd-144	TALYS-6a	0	[8]	44
Eu-150m(n,4np)Sm-146	TALYS-6a	0	[8]	20
Eu-150m(n,3nd)Sm-146	TALYS-6a	0	[8]	22
Eu-150m(n,n'da)Nd-144	TALYS-6a	0	[8]	31
Eu-150m(n,2npa)Nd-144	TALYS-6a	0	[8]	31
Eu-150m(n,5np)Sm-145	TALYS-6a	0	[8]	14
Eu-150m(n,6np)Sm-144	TALYS-6a	0		11
Eu-150m(n,4na)Pm-143	TALYS-6a	0	[8]	24
Eu-150m(n,5na)Pm-142	TALYS-6a	0	[8]	15
Eu-150m(n,6na)Pm-141	TALYS-6a	0	[8,7,8]	10
Eu-150m(n,4nd)Sm-145	TALYS-6a	0	[8]	15
Eu-150m(n,5nd)Sm-144	TALYS-6a	0		12
Eu-150m(n,3nt)Sm-145	TALYS-6a	0	[8]	19
Eu-150m(n,4nt)Sm-144	TALYS-6a	0	[8]	14
Eu-150m(n,5nt)Sm-143g	TALYS-6a	0		9
Eu-150m(n,5nt)Sm-143m	TALYS-6a	0		9
Eu-150m(n,2nh)Pm-146	TALYS-6a	0	[8]	23
Eu-150m(n,3nh)Pm-145	TALYS-6a	0	[8]	17
Eu-150m(n,4nh)Pm-144	TALYS-6a	0	[8]	13
Eu-150m(n,3n2p)Pm-146	TALYS-6a	0	[8]	16
Eu-150m(n,3n2a)Pr-140	TALYS-6a	0	[8]	23
Eu-150m(n,3npa)Nd-143	TALYS-6a	0	[8]	22
Eu-150m(n,n'pd)Pm-147	TALYS-6a	0	[8]	25
Eu-150m(n,n'pt)Pm-146	TALYS-6a	0	[8]	23
Eu-150m(n,n'dt)Pm-145	TALYS-6a	0	[8]	18
Eu-150m(n,n'ta)Nd-143	TALYS-6a	0	[8]	30
Eu-150m(n,2n2p)Pm-147	TALYS-6a	0	[8]	24
Eu-150m(n,4n2p)Pm-145	TALYS-6a	0	[8]	13
Eu-150m(n,4n2a)Pr-139	TALYS-6a	0	[8]	15
Eu-150m(n,4npa)Nd-142	TALYS-6a	0	[8]	17
Eu-150m(n,3n2pa)Pr-142g	TALYS-6a	0		13
Eu-150m(n,3n2pa)Pr-142m	TALYS-6a	0		13
Eu-150m(n,5n2p)Pm-144	TALYS-6a	0	[8]	10
Eu-151(n,2nd)Sm-148	TALYS-6a	0	[8]	28
Eu-151(n,2n)Eu-150g	CRP	4	[13,4,3,7,8]	41
Eu-151(n,2n)Eu-150m	ADL-3/I	4	[13,3,7,8]	41
Eu-151(n,3n)Eu-149	TALYS-5	4	[3]	33
Eu-151(n,n'a)Pm-147	TALYS-6a	0		100
Eu-151(n,n'3a)La-139	TALYS-6a	0		100
Eu-151(n,2na)Pm-146	TALYS-6a	0	[8]	42
Eu-151(n,3na)Pm-145	TALYS-6a	0	[8]	30
Eu-151(n,n'p)Sm-150	TALYS-6a	0	[8]	56
Eu-151(n,n'2a)Pr-143	TALYS-6a	0		100
Eu-151(n,2n2a)Pr-142g	TALYS-6a	0		32
Eu-151(n,2n2a)Pr-142m	TALYS-6a	0		32
Eu-151(n,n'd)Sm-149	TALYS-6a	0	[8]	37
Eu-151(n,n't)Sm-148	TALYS-6a	0	[8]	37
Eu-151(n,n'h)Pm-148g	TALYS-6a	0		29
Eu-151(n,n'h)Pm-148m	TALYS-6a	0		29
Eu-151(n,n'd2a)Ce-141	TALYS-6a	0	[8]	20
Eu-151(n,n't2a)Ce-140	TALYS-6a	0	[8]	21
Eu-151(n,4n)Eu-148	TALYS-6a	0		24
Eu-151(n,2np)Sm-149	TALYS-6a	0	[8]	34
Eu-151(n,3np)Sm-148	TALYS-6a	0	[8]	27
Eu-151(n,n'2p)Pm-149	TALYS-6a	0		29
Eu-151(n,n'pa)Nd-146	TALYS-6a	0		40
Eu-151(n,g)Eu-152g	JEF-2.2	2	[14,13,4,6]	7893
Eu-151(n,g)Eu-152m	JEF-2.2	5	[14,13,4,6]	7893
Eu-151(n,g)Eu-152n	JEF-2.2	2	[14,13,4,6]	7893
Eu-151(n,p)Sm-151	TALYS-6a	0	[2]	100
Eu-151(n,d)Sm-150	TALYS-6a	0	[8]	65
Eu-151(n,t)Sm-149	TALYS-6a	0	[8]	54
Eu-151(n,h)Pm-149	TALYS-6a	0	[8]	40
Eu-151(n,a)Pm-148g	JENDL-3.2	4	[13,4,3,4,4]	940
Eu-151(n,a)Pm-148m	JENDL-3.2	4	[13,4,7,3,4,4]	940
Eu-151(n,2a)Pr-144g	TALYS-6a	0	[10]	100
Eu-151(n,2a)Pr-144m	TALYS-6a	0	[10]	100
Eu-151(n,2p)Pm-150	TALYS-6a	0	[8]	34
Eu-151(n,pa)Nd-147	TALYS-6a	0		100
Eu-151(n,pd)Pm-149	TALYS-6a	0	[8]	30
Eu-151(n,da)Nd-146	TALYS-6a	0	[8]	42
Eu-151(n,5n)Eu-147	TALYS-6a	0		17
Eu-151(n,6n)Eu-146	TALYS-6a	0		12
Eu-151(n,2nt)Sm-147	TALYS-6a	0	[8]	26
Eu-151(n,ta)Nd-145	TALYS-6a	0	[8]	39
Eu-151(n,4np)Sm-147	TALYS-6a	0		19
Eu-151(n,3nd)Sm-147	TALYS-6a	0	[8]	20
Eu-151(n,n'da)Nd-145	TALYS-6a	0	[8]	29
Eu-151(n,2npa)Nd-145	TALYS-6a	0	[8]	28
Eu-151(n,7n)Eu-145	TALYS-6a	0		9
Eu-151(n,5np)Sm-146	TALYS-6a	0	[8]	14
Eu-151(n,6np)Sm-145	TALYS-6a	0	[8]	10
Eu-151(n,4na)Pm-144	TALYS-6a	0	[8]	22
Eu-151(n,5na)Pm-143	TALYS-6a	0	[8]	16
Eu-151(n,6na)Pm-142	TALYS-6a	0	[8]	11
Eu-151(n,4nd)Sm-146	TALYS-6a	0	[8]	15
Eu-151(n,5nd)Sm-145	TALYS-6a	0	[8]	11
Eu-151(n,3nt)Sm-146	TALYS-6a	0	[8]	19
Eu-151(n,4nt)Sm-145	TALYS-6a	0	[8]	14
Eu-151(n,5nt)Sm-144	TALYS-6a	0	[8]	10
Eu-151(n,2nh)Pm-147	TALYS-6a	0	[8]	23
Eu-151(n,3nh)Pm-146	TALYS-6a	0	[8]	16
Eu-151(n,4nh)Pm-145	TALYS-6a	0	[8]	13
Eu-151(n,3n2p)Pm-147	TALYS-6a	0	[8]	16
Eu-151(n,3n2a)Pr-141	TALYS-6a	0	[8]	26
Eu-151(n,3npa)Nd-144	TALYS-6a	0	[8]	22
Eu-151(n,n'pd)Pm-148g	TALYS-6a	0		23
Eu-151(n,n'pd)Pm-148m	TALYS-6a	0		23
Eu-151(n,n'pt)Pm-147	TALYS-6a	0	[8]	23
Eu-151(n,n'dt)Pm-146	TALYS-6a	0	[8]	16
Eu-151(n,n'ta)Nd-144	TALYS-6a	0	[8]	29
Eu-151(n,2n2p)Pm-148g	TALYS-6a	0		21
Eu-151(n,2n2p)Pm-148m	TALYS-6a	0		21
Eu-151(n,4n2p)Pm-146	TALYS-6a	0	[8]	12
Eu-151(n,4n2a)Pr-140	TALYS-6a	0	[8]	16
Eu-151(n,4npa)Nd-143	TALYS-6a	0	[8]	15
Eu-151(n,5n2p)Pm-145	TALYS-6a	0	[8]	9
Eu-152(n,n')Eu-152m	TALYS-6a	0		91
Eu-152(n,n')Eu-152n	TALYS-6a	0		89
Eu-152(n,2nd)Sm-149	TALYS-6a	0	[8]	28
Eu-152(n,2n)Eu-151	TALYS-6a	0		54
Eu-152(n,3n)Eu-150g	TALYS-6a	0		33
Eu-152(n,3n)Eu-150m	TALYS-6a	0		33
Eu-152(n,n'a)Pm-148g	TALYS-6a	0		100

Reaction	Library			
Eu-152(n,n'a)Pm-148m	TALYS-6a	0		100
Eu-152(n,n'3a)La-140	TALYS-6	0		100
Eu-152(n,2na)Pm-147	TALYS-6a	0	[8]	45
Eu-152(n,3na)Pm-146	TALYS-6a	0	[8]	30
Eu-152(n,n'p)Sm-151	TALYS-6a	0	[8]	53
Eu-152(n,n'2a)Pr-144g	TALYS-6a	0		100
Eu-152(n,n'2a)Pr-144m	TALYS-6a	0		100
Eu-152(n,2n2a)Pr-143	TALYS-6a	0	[8]	34
Eu-152(n,n'd)Sm-150	TALYS-6a	0	[8]	40
Eu-152(n,n't)Sm-149	TALYS-6a	0	[8]	36
Eu-152(n,n'h)Pm-149	TALYS-6a	0	[8]	30
Eu-152(n,n't2a)Ce-141	TALYS-6a	0	[8]	20
Eu-152(n,4n)Eu-149	TALYS-6a	0		26
Eu-152(n,2np)Sm-150	TALYS-6a	0	[8]	37
Eu-152(n,3np)Sm-149	TALYS-6a	0	[8]	26
Eu-152(n,n'2p)Pm-150	TALYS-6a	0	[8]	28
Eu-152(n,n'pa)Nd-147	TALYS-6a	0	[8]	38
Eu-152(n,g)Eu-153	ENDF/B-VI	4	[14,13,3]	4835
Eu-152(n,p)Sm-152	TALYS-6a	0	[9,2,3]	6021
Eu-152(n,d)Sm-151	TALYS-6a	0	[8]	60
Eu-152(n,t)Sm-150	TALYS-6a	0	[8]	62
Eu-152(n,h)Pm-150	TALYS-6a	0	[8]	37
Eu-152(n,a)Pm-149	TALYS-6a	0	[9,2,3]	6021
Eu-152(n,2p)Pm-151	TALYS-6a	0	[8]	41
Eu-152(n,pa)Nd-148	TALYS-6a	0		100
Eu-152(n,pd)Pm-150	TALYS-6a	0	[8]	29
Eu-152(n,da)Nd-147	TALYS-6a	0	[8]	40
Eu-152(n,5n)Eu-148	TALYS-6a	0		17
Eu-152(n,6n)Eu-147	TALYS-6a	0		14
Eu-152(n,2nt)Sm-148	TALYS-6a	0	[8]	28
Eu-152(n,ta)Nd-146	TALYS-6a	0	[8]	42
Eu-152(n,4np)Sm-148	TALYS-6a	0	[8]	20
Eu-152(n,3nd)Sm-148	TALYS-6a	0	[8]	22
Eu-152(n,n'da)Nd-146	TALYS-6a	0	[8]	30
Eu-152(n,2npa)Nd-146	TALYS-6a	0	[8]	29
Eu-152(n,7n)Eu-146	TALYS-6a	0		9
Eu-152(n,5np)Sm-147	TALYS-6a	0		15
Eu-152(n,6np)Sm-146	TALYS-6a	0	[8]	11
Eu-152(n,7np)Sm-145	TALYS-6a	0		7
Eu-152(n,4na)Pm-145	TALYS-6a	0	[8]	24
Eu-152(n,5na)Pm-144	TALYS-6a	0	[8]	16
Eu-152(n,6na)Pm-143	TALYS-6a	0	[8]	13
Eu-152(n,4nd)Sm-147	TALYS-6a	0	[8]	15
Eu-152(n,5nd)Sm-146	TALYS-6a	0	[8]	12
Eu-152(n,3nt)Sm-147	TALYS-6a	0	[8]	19
Eu-152(n,4nt)Sm-146	TALYS-6a	0	[8]	15
Eu-152(n,5nt)Sm-145	TALYS-6a	0	[8]	10
Eu-152(n,2nh)Pm-148g	TALYS-6a	0		23
Eu-152(n,2nh)Pm-148m	TALYS-6a	0		22
Eu-152(n,3nh)Pm-147	TALYS-6a	0	[8]	17
Eu-152(n,4nh)Pm-146	TALYS-6a	0	[8]	13
Eu-152(n,3n2p)Pm-148g	TALYS-6a	0		16
Eu-152(n,3n2p)Pm-148m	TALYS-6a	0		16
Eu-152(n,3n2a)Pr-142g	TALYS-6a	0		25
Eu-152(n,3n2a)Pr-142m	TALYS-6a	0		25
Eu-152(n,3npa)Nd-145	TALYS-6a	0	[8]	22
Eu-152(n,n'pd)Pm-149	TALYS-6a	0	[8]	24
Eu-152(n,n'pt)Pm-148g	TALYS-6a	0		22
Eu-152(n,n'pt)Pm-148m	TALYS-6a	0		22
Eu-152(n,n'dt)Pm-147	TALYS-6a	0	[8]	17
Eu-152(n,n'ta)Nd-145	TALYS-6a	0	[8]	29
Eu-152(n,2n2p)Pm-149	TALYS-6a	0	[8]	22
Eu-152(n,4n2p)Pm-147	TALYS-6a	0	[8]	13
Eu-152(n,4n2a)Pr-141	TALYS-6a	0	[8]	19
Eu-152(n,4npa)Nd-144	TALYS-6a	0	[8]	16
Eu-152(n,5n2p)Pm-146	TALYS-6a	0	[8]	9
Eu-152m(n,n')Eu-152g	TALYS-6a	0	[8,8,8]	98
Eu-152m(n,n')Eu-152n	TALYS-6a	0		89
Eu-152m(n,2nd)Sm-149	TALYS-6a	0	[8]	28
Eu-152m(n,2n)Eu-151	TALYS-6a	0		54
Eu-152m(n,3n)Eu-150g	TALYS-6a	0	[15]	33
Eu-152m(n,3n)Eu-150m	TALYS-6a	0		33
Eu-152m(n,n'a)Pm-148g	TALYS-6a	0		100
Eu-152m(n,n'a)Pm-148m	TALYS-6a	0		100
Eu-152m(n,n'3a)La-140	TALYS-6a	0		100
Eu-152m(n,2na)Pm-147	TALYS-6a	0	[8]	45
Eu-152m(n,3na)Pm-146	TALYS-6a	0	[8]	30
Eu-152m(n,n'p)Sm-151	TALYS-6a	0	[8]	53
Eu-152m(n,n'2a)Pr-144g	TALYS-6a	0		100
Eu-152m(n,n'2a)Pr-144m	TALYS-6a	0		100
Eu-152m(n,2n2a)Pr-143	TALYS-6a	0	[8]	33
Eu-152m(n,n'd)Sm-150	TALYS-6a	0	[8]	40
Eu-152m(n,n't)Sm-149	TALYS-6a	0	[8]	36
Eu-152m(n,n'h)Pm-149	TALYS-6a	0	[8]	30
Eu-152m(n,n't2a)Ce-141	TALYS-6a	0	[8]	19
Eu-152m(n,4n)Eu-149	TALYS-6a	0		26
Eu-152m(n,2np)Sm-150	TALYS-6a	0	[8]	37
Eu-152m(n,3np)Sm-149	TALYS-6a	0	[8]	26
Eu-152m(n,n'2p)Pm-150	TALYS-6a	0	[8]	28
Eu-152m(n,n'pa)Nd-147	TALYS-6a	0	[8]	37
Eu-152m(n,g)Eu-153	JEF-2.2	4	[14,13,3,3]	6208
Eu-152m(n,p)Sm-152	TALYS-6a	0	[9,2,3]	6021
Eu-152m(n,d)Sm-151	TALYS-6a	0	[8]	61
Eu-152m(n,t)Sm-150	TALYS-6a	0	[8]	62
Eu-152m(n,h)Pm-150	TALYS-6a	0	[8]	37
Eu-152m(n,a)Pm-149	TALYS-6a	0	[9,2,3]	6021
Eu-152m(n,2p)Pm-151	TALYS-6a	0	[8]	41
Eu-152m(n,pa)Nd-148	TALYS-6a	0		100
Eu-152m(n,pd)Pm-150	TALYS-6a	0	[8]	29
Eu-152m(n,da)Nd-147	TALYS-6a	0	[8]	39
Eu-152m(n,5n)Eu-148	TALYS-6a	0		17
Eu-152m(n,6n)Eu-147	TALYS-6a	0		14
Eu-152m(n,2nt)Sm-148	TALYS-6a	0	[8]	28
Eu-152m(n,ta)Nd-146	TALYS-6a	0	[8]	41
Eu-152m(n,4np)Sm-148	TALYS-6a	0	[8]	20
Eu-152m(n,3nd)Sm-148	TALYS-6a	0	[8]	22
Eu-152m(n,n'da)Nd-146	TALYS-6a	0	[8]	30
Eu-152m(n,2npa)Nd-146	TALYS-6a	0	[8]	29
Eu-152m(n,7n)Eu-146	TALYS-6a	0		9
Eu-152m(n,5np)Sm-147	TALYS-6a	0		15
Eu-152m(n,6np)Sm-146	TALYS-6a	0	[8]	11
Eu-152m(n,7np)Sm-145	TALYS-6a	0		7
Eu-152m(n,4na)Pm-145	TALYS-6a	0	[8]	24
Eu-152m(n,5na)Pm-144	TALYS-6a	0	[8]	16
Eu-152m(n,6na)Pm-143	TALYS-6a	0	[8]	13
Eu-152m(n,4nd)Sm-147	TALYS-6a	0	[8]	15
Eu-152m(n,5nd)Sm-146	TALYS-6a	0	[8]	12
Eu-152m(n,6nd)Sm-145	TALYS-6a	0	[8]	8
Eu-152m(n,3nt)Sm-147	TALYS-6a	0	[8]	19
Eu-152m(n,4nt)Sm-146	TALYS-6a	0	[8]	15
Eu-152m(n,5nt)Sm-145	TALYS-6a	0	[8]	10
Eu-152m(n,2nh)Pm-148g	TALYS-6a	0		23
Eu-152m(n,2nh)Pm-148m	TALYS-6a	0		22
Eu-152m(n,3nh)Pm-147	TALYS-6a	0	[8]	17
Eu-152m(n,4nh)Pm-146	TALYS-6a	0	[8]	13
Eu-152m(n,3n2p)Pm-148g	TALYS-6a	0		16
Eu-152m(n,3n2p)Pm-148m	TALYS-6a	0		16
Eu-152m(n,3n2a)Pr-142g	TALYS-6a	0		24
Eu-152m(n,3n2a)Pr-142m	TALYS-6a	0		24
Eu-152m(n,3npa)Nd-145	TALYS-6a	0	[8]	21
Eu-152m(n,n'pd)Pm-149	TALYS-6a	0	[8]	24
Eu-152m(n,n'pt)Pm-148g	TALYS-6a	0		22
Eu-152m(n,n'pt)Pm-148m	TALYS-6a	0		22
Eu-152m(n,n'dt)Pm-147	TALYS-6a	0	[8]	17
Eu-152m(n,n'ta)Nd-145	TALYS-6a	0	[8]	29
Eu-152m(n,2n2p)Pm-149	TALYS-6a	0	[8]	22
Eu-152m(n,4n2p)Pm-147	TALYS-6a	0	[8]	13
Eu-152m(n,4n2a)Pr-141	TALYS-6a	0	[8]	18
Eu-152m(n,4npa)Nd-144	TALYS-6a	0	[8]	16
Eu-152m(n,5n2p)Pm-146	TALYS-6a	0	[8]	9
Eu-153(n,2nd)Sm-150	TALYS-6a	0	[8]	27
Eu-153(n,2n)Eu-152g	CRP	4	[13,4,4]	39
Eu-153(n,2n)Eu-152m	JEF-2.2	4	[13,4,7,8]	59
Eu-153(n,2n)Eu-152n	JEF-2.2	4	[13,4,7,8]	59
Eu-153(n,3n)Eu-151	TALYS-6a	0		32
Eu-153(n,n'a)Pm-149	TALYS-6a	0		100
Eu-153(n,2na)Pm-148g	TALYS-6a	0		39
Eu-153(n,2na)Pm-148m	TALYS-6a	0		39
Eu-153(n,3na)Pm-147	TALYS-6a	0	[8]	29
Eu-153(n,n'p)Sm-152	TALYS-6a	0	[8]	52
Eu-153(n,n'2a)Pr-145	TALYS-6a	0		100
Eu-153(n,2n2a)Pr-144g	TALYS-6a	0		28
Eu-153(n,2n2a)Pr-144m	TALYS-6a	0		29
Eu-153(n,n'd)Sm-151	TALYS-6a	0	[8]	34
Eu-153(n,n't)Sm-150	TALYS-6a	0	[8]	35
Eu-153(n,n'h)Pm-150	TALYS-6a	0	[8]	27
Eu-153(n,4n)Eu-150g	TALYS-6a	0		24
Eu-153(n,4n)Eu-150m	TALYS-6a	0		24
Eu-153(n,2np)Sm-151	TALYS-6a	0	[8]	31
Eu-153(n,3np)Sm-150	TALYS-6a	0	[8]	26
Eu-153(n,n'2p)Pm-151	TALYS-6a	0	[8]	27
Eu-153(n,n'pa)Nd-147	TALYS-6a	0	[8]	34
Eu-153(n,g)Eu-154g	JEF-2.2	4	[14,13,4,6]	7003
Eu-153(n,g)Eu-154m	JEF-2.2	0	[14,13,4,6]	7003
Eu-153(n,p)Sm-153	JENDL-3.2/A	2	[13]	46
Eu-153(n,d)Sm-152	TALYS-6a	0	[8]	59
Eu-153(n,t)Sm-151	TALYS-6a	0	[8]	47
Eu-153(n,h)Pm-151	TALYS-6a	0	[8]	37
Eu-153(n,a)Pm-150	JENDL-3.2	4	[13,3,10]	1051
Eu-153(n,2a)Pr-146	TALYS-6a	0		100
Eu-153(n,2p)Pm-152g	TALYS-6a	0	[4]	35
Eu-153(n,2p)Pm-152m	TALYS-6a	0	[4,7,8]	33
Eu-153(n,2p)Pm-152n	TALYS-6a	0	[4,7,8]	34
Eu-153(n,pd)Pm-151	TALYS-6a	0	[8]	28
Eu-153(n,5n)Eu-149	TALYS-6a	0		17
Eu-153(n,6n)Eu-148	TALYS-6a	0		13
Eu-153(n,2nt)Sm-149	TALYS-6a	0	[8]	25
Eu-153(n,4np)Sm-149	TALYS-6a	0	[8]	18
Eu-153(n,3nd)Sm-149	TALYS-6a	0	[8]	19
Eu-153(n,n'da)Nd-147	TALYS-6a	0	[8]	27
Eu-153(n,2npa)Nd-147	TALYS-6a	0	[8]	26
Eu-153(n,7n)Eu-147	TALYS-6a	0		9
Eu-153(n,5np)Sm-148	TALYS-6a	0	[8]	14
Eu-153(n,6np)Sm-147	TALYS-6a	0		10
Eu-153(n,7np)Sm-146	TALYS-6a	0		7
Eu-153(n,4na)Pm-146	TALYS-6a	0	[8]	22
Eu-153(n,5na)Pm-145	TALYS-6a	0	[8]	16
Eu-153(n,6na)Pm-144	TALYS-6a	0	[8]	12
Eu-153(n,7na)Pm-143	TALYS-6a	0	[8]	9
Eu-153(n,4nd)Sm-148	TALYS-6a	0	[8]	15
Eu-153(n,5nd)Sm-147	TALYS-6a	0	[8]	11
Eu-153(n,6nd)Sm-146	TALYS-6a	0		8
Eu-153(n,3nt)Sm-148	TALYS-6a	0	[8]	19
Eu-153(n,4nt)Sm-147	TALYS-6a	0	[8]	14
Eu-153(n,5nt)Sm-146	TALYS-6a	0	[8]	10
Eu-153(n,2nh)Pm-149	TALYS-6a	0	[8]	22
Eu-153(n,3nh)Pm-148g	TALYS-6a	0		15
Eu-153(n,3nh)Pm-148m	TALYS-6a	0		15
Eu-153(n,4nh)Pm-147	TALYS-6a	0	[8]	13
Eu-153(n,3n2p)Pm-149	TALYS-6a	0	[8]	15
Eu-153(n,3n2a)Pr-143	TALYS-6a	0	[8]	24
Eu-153(n,3npa)Nd-146	TALYS-6a	0	[8]	20
Eu-153(n,n'pd)Pm-150	TALYS-6a	0	[8]	21
Eu-153(n,n'pt)Pm-149	TALYS-6a	0	[8]	21
Eu-153(n,n'ta)Nd-146	TALYS-6a	0	[8]	27
Eu-153(n,2n2p)Pm-150	TALYS-6a	0	[8]	19
Eu-153(n,4n2p)Pm-148g	TALYS-6a	0		12
Eu-153(n,4n2p)Pm-148m	TALYS-6a	0		12
Eu-153(n,4n2a)Pr-142g	TALYS-6a	0		16
Eu-153(n,4n2a)Pr-142m	TALYS-6a	0		16
Eu-153(n,4npa)Nd-145	TALYS-6a	0	[8]	15
Eu-153(n,5n2p)Pm-147	TALYS-6a	0	[8]	9
Eu-154(n,n')Eu-154m	TALYS-6a	0		89
Eu-154(n,2nd)Sm-151	TALYS-6a	0	[8]	27
Eu-154(n,2n)Eu-153	TALYS-6a	0		53
Eu-154(n,3n)Eu-152g	TALYS-6a	0	[4]	31
Eu-154(n,3n)Eu-152m	TALYS-6a	0	[4,7,8]	30

Reaction	Library	Flags	Value	Reaction	Library	Flags	Value
Eu-154(n,3n)Eu-152n	TALYS-6a	0 [4,7,8]	30	Eu-155(n,3nd)Sm-151	TALYS-6a	0 [8]	18
Eu-154(n,n'a)Pm-150	TALYS-6a	0 [8]	61	Eu-155(n,n'da)Nd-149	TALYS-6a	0 [8]	24
Eu-154(n,2na)Pm-149	TALYS-6a	0 [8]	41	Eu-155(n,2npa)Nd-149	TALYS-6a	0 [8]	23
Eu-154(n,3na)Pm-148g	TALYS-6a	0	29	Eu-155(n,7n)Eu-149	TALYS-6a	0	9
Eu-154(n,3na)Pm-148m	TALYS-6a	0	29	Eu-155(n,8n)Eu-148	TALYS-6a	0	5
Eu-154(n,n'p)Sm-153	TALYS-6a	0 [8]	48	Eu-155(n,5np)Sm-150	TALYS-6a	0	14
Eu-154(n,n'2a)Pr-146	TALYS-6a	0 [7]	100	Eu-155(n,6np)Sm-149	TALYS-6a	0	10
Eu-154(n,2n2a)Pr-145	TALYS-6a	0 [8]	29	Eu-155(n,7np)Sm-148	TALYS-6a	0	7
Eu-154(n,n'd)Sm-152	TALYS-6a	0 [8]	38	Eu-155(n,4na)Pm-148g	TALYS-6a	0	20
Eu-154(n,n't)Sm-151	TALYS-6a	0 [8]	33	Eu-155(n,4na)Pm-148m	TALYS-6a	0	20
Eu-154(n,n'h)Pm-151	TALYS-6a	0 [8]	28	Eu-155(n,5na)Pm-147	TALYS-6a	0 [8]	16
Eu-154(n,4n)Eu-151	TALYS-6a	0	25	Eu-155(n,6na)Pm-146	TALYS-6a	0 [8]	12
Eu-154(n,2np)Sm-152	TALYS-6a	0 [8]	35	Eu-155(n,7na)Pm-145	TALYS-6a	0 [8]	8
Eu-154(n,3np)Sm-151	TALYS-6a	0 [8]	25	Eu-155(n,4nd)Sm-150	TALYS-6a	0	15
Eu-154(n,n'2p)Pm-152g	TALYS-6a	0 [4]	26	Eu-155(n,5nd)Sm-149	TALYS-6a	0	11
Eu-154(n,n'2p)Pm-152m	TALYS-6a	0 [4,7,8]	25	Eu-155(n,6nd)Sm-148	TALYS-6a	0	8
Eu-154(n,n'2p)Pm-152n	TALYS-6a	0 [4,7,8]	25	Eu-155(n,3nt)Sm-150	TALYS-6a	0 [8]	18
Eu-154(n,n'pa)Nd-149	TALYS-6a	0	31	Eu-155(n,4nt)Sm-149	TALYS-6a	0 [8]	13
Eu-154(n,g)Eu-155	ENDF/B-VI.8	4 [13,3]	6932	Eu-155(n,5nt)Sm-148	TALYS-6a	0 [8]	10
Eu-154(n,p)Sm-154	TALYS-6a	0 [9,2,3]	5509	Eu-155(n,6nt)Sm-147	TALYS-6a	0 [8]	6
Eu-154(n,d)Sm-153	TALYS-6a	0 [8]	56	Eu-155(n,2nh)Pm-151	TALYS-6a	0 [8]	20
Eu-154(n,t)Sm-152	TALYS-6a	0 [8]	56	Eu-155(n,3nh)Pm-150	TALYS-6a	0 [8]	15
Eu-154(n,h)Pm-152g	TALYS-6a	0 [4]	33	Eu-155(n,4nh)Pm-149	TALYS-6a	0 [8]	12
Eu-154(n,h)Pm-152m	TALYS-6a	0 [4,7,8]	35	Eu-155(n,3n2p)Pm-151	TALYS-6a	0 [8]	15
Eu-154(n,h)Pm-152n	TALYS-6a	0 [4,7,8]	32	Eu-155(n,3n2a)Pr-145	TALYS-6a	0 [8]	20
Eu-154(n,a)Pm-151	TALYS-6a	0 [9,2,3]	5509	Eu-155(n,3npa)Nd-148	TALYS-6a	0 [8]	18
Eu-154(n,2p)Pm-153	TALYS-6a	0 [8,7,8]	37	Eu-155(n,n'pd)Pm-152g	TALYS-6a	0 [4]	20
Eu-154(n,pd)Pm-152g	TALYS-6a	0 [4]	28	Eu-155(n,n'pd)Pm-152m	TALYS-6a	0 [4,7,8]	18
Eu-154(n,pd)Pm-152m	TALYS-6a	0 [4,7,8]	26	Eu-155(n,n'pd)Pm-152n	TALYS-6a	0 [4,7,8]	19
Eu-154(n,pd)Pm-152n	TALYS-6a	0 [4,7,8]	27	Eu-155(n,n'pt)Pm-151	TALYS-6a	0 [8]	20
Eu-154(n,5n)Eu-150g	TALYS-6a	0	17	Eu-155(n,n'ta)Nd-148	TALYS-6a	0 [8]	25
Eu-154(n,5n)Eu-150m	TALYS-6a	0	17	Eu-155(n,2n2p)Pm-152g	TALYS-6a	0 [4]	18
Eu-154(n,6n)Eu-149	TALYS-6a	0	14	Eu-155(n,2n2p)Pm-152m	TALYS-6a	0 [4,7,8]	17
Eu-154(n,2nt)Sm-150	TALYS-6a	0 [8]	27	Eu-155(n,2n2p)Pm-152n	TALYS-6a	0 [4,7,8]	17
Eu-154(n,4np)Sm-150	TALYS-6a	0 [8]	19	Eu-155(n,4n2p)Pm-150	TALYS-6a	0 [8]	11
Eu-154(n,3nd)Sm-150	TALYS-6a	0 [8]	21	Eu-155(n,4n2a)Pr-144g	TALYS-6a	0	14
Eu-154(n,n'da)Nd-148	TALYS-6a	0 [8]	27	Eu-155(n,4n2a)Pr-144m	TALYS-6a	0	15
Eu-154(n,2npa)Nd-148	TALYS-6a	0 [8]	26	Eu-155(n,4npa)Nd-147	TALYS-6a	0 [8]	13
Eu-154(n,7n)Eu-148	TALYS-6a	0	9	Eu-155(n,5n2p)Pm-149	TALYS-6a	0 [8]	8
Eu-154(n,5np)Sm-149	TALYS-6a	0	14	Eu-156(n,2nd)Sm-153	TALYS-6a	0	26
Eu-154(n,6np)Sm-148	TALYS-6a	0	11	Eu-156(n,2n)Eu-155	TALYS-6a	0	54
Eu-154(n,7np)Sm-147	TALYS-6a	0	7	Eu-156(n,3n)Eu-154g	TALYS-6a	0 [4]	32
Eu-154(n,4na)Pm-147	TALYS-6a	0 [8]	23	Eu-156(n,3n)Eu-154m	TALYS-6a	0 [4,7,8]	31
Eu-154(n,5na)Pm-146	TALYS-6a	0 [8]	16	Eu-156(n,n'a)Pm-152g	TALYS-6a	0 [4]	59
Eu-154(n,6na)Pm-145	TALYS-6a	0 [8]	13	Eu-156(n,n'a)Pm-152m	TALYS-6a	0 [4,7,8]	57
Eu-154(n,7na)Pm-144	TALYS-6a	0 [8]	9	Eu-156(n,n'a)Pm-152n	TALYS-6a	0 [4,7,8]	58
Eu-154(n,4nd)Sm-149	TALYS-6a	0	15	Eu-156(n,2na)Pm-151	TALYS-6a	0 [8]	39
Eu-154(n,5nd)Sm-148	TALYS-6a	0	12	Eu-156(n,3na)Pm-150	TALYS-6a	0 [8]	26
Eu-154(n,6nd)Sm-147	TALYS-6a	0	8	Eu-156(n,n'p)Sm-155	TALYS-6a	0 [8]	45
Eu-154(n,3nt)Sm-149	TALYS-6a	0 [8]	18	Eu-156(n,2n2a)Pr-147	TALYS-6a	0 [8]	25
Eu-154(n,4nt)Sm-148	TALYS-6a	0 [8]	14	Eu-156(n,n'd)Sm-154	TALYS-6a	0 [8]	36
Eu-154(n,5nt)Sm-147	TALYS-6a	0 [8]	10	Eu-156(n,n't)Sm-153	TALYS-6a	0 [8]	32
Eu-154(n,6nt)Sm-146	TALYS-6a	0 [8]	7	Eu-156(n,n'h)Pm-153	TALYS-6a	0 [8,7,8]	27
Eu-154(n,2nh)Pm-150	TALYS-6a	0 [8]	21	Eu-156(n,4n)Eu-153	TALYS-6a	0	25
Eu-154(n,3nh)Pm-149	TALYS-6a	0 [8]	16	Eu-156(n,2np)Sm-154	TALYS-6a	0 [8]	33
Eu-154(n,4nh)Pm-148g	TALYS-6a	0	12	Eu-156(n,3np)Sm-153	TALYS-6a	0	25
Eu-154(n,4nh)Pm-148m	TALYS-6a	0	12	Eu-156(n,n'2p)Pm-154g	TALYS-6a	0 [4,8,7,8]	25
Eu-154(n,3n2p)Pm-150	TALYS-6a	0 [8]	15	Eu-156(n,n'2p)Pm-154m	TALYS-6a	0 [4,7,8,8]	24
Eu-154(n,3n2a)Pr-144g	TALYS-6a	0	21	Eu-156(n,n'pa)Nd-151	TALYS-6a	0 [8]	28
Eu-154(n,3n2a)Pr-144m	TALYS-6a	0	22	>Eu-156(n,g)Eu-157	TALYS-6a	0	100
Eu-154(n,3npa)Nd-147	TALYS-6a	0 [8]	19	Eu-156(n,p)Sm-156	TALYS-6a	0 [2]	100
Eu-154(n,n'pd)Pm-151	TALYS-6a	0 [8]	22	Eu-156(n,d)Sm-155	TALYS-6a	0 [8]	52
Eu-154(n,n'pt)Pm-150	TALYS-6a	0 [8]	20	Eu-156(n,t)Sm-154	TALYS-6a	0 [8]	53
Eu-154(n,n'dt)Pm-149	TALYS-6a	0 [8]	16	Eu-156(n,h)Pm-154g	TALYS-6a	0 [4,8,7,8]	31
Eu-154(n,n'ta)Nd-147	TALYS-6a	0 [8]	26	Eu-156(n,h)Pm-154m	TALYS-6a	0 [4,7,8,8]	30
Eu-154(n,2n2p)Pm-151	TALYS-6a	0 [8]	21	Eu-156(n,a)Pm-153	TALYS-6a	0 [2]	100
Eu-154(n,4n2p)Pm-149	TALYS-6a	0 [8]	12	Eu-156(n,2p)Pm-155	TALYS-6a	0 [8,7,8]	32
Eu-154(n,4n2a)Pr-143	TALYS-6a	0 [8]	17	Eu-156(n,pd)Pm-154g	TALYS-6a	0 [4,8,7,8]	27
Eu-154(n,4npa)Nd-146	TALYS-6a	0 [8]	15	Eu-156(n,pd)Pm-154m	TALYS-6a	0 [4,7,8,8]	26
Eu-154(n,3n2pa)Pr-146	TALYS-6a	0 [8,7,8]	10	Eu-156(n,5n)Eu-152g	TALYS-6a	0 [4]	17
Eu-154(n,5n2p)Pm-148g	TALYS-6a	0	8	Eu-156(n,5n)Eu-152m	TALYS-6a	0 [4,7,8]	16
Eu-154(n,5n2p)Pm-148m	TALYS-6a	0	8	Eu-156(n,5n)Eu-152n	TALYS-6a	0 [4,7,8]	16
Eu-155(n,2nd)Sm-152	TALYS-6a	0 [8]	26	Eu-156(n,6n)Eu-151	TALYS-6a	0	13
Eu-155(n,2n)Eu-154g	TALYS-6a	0 [4]	45	Eu-156(n,2nt)Sm-152	TALYS-6a	0 [8]	26
Eu-155(n,2n)Eu-154m	TALYS-6a	0 [4,7,8]	44	Eu-156(n,4np)Sm-152	TALYS-6a	0 [8]	19
Eu-155(n,3n)Eu-153	TALYS-6a	0	32	Eu-156(n,3nd)Sm-152	TALYS-6a	0 [8]	20
Eu-155(n,n'a)Pm-151	TALYS-6a	0 [8]	61	Eu-156(n,n'da)Nd-150	TALYS-6a	0 [8]	25
Eu-155(n,2na)Pm-150	TALYS-6a	0 [8]	34	Eu-156(n,2npa)Nd-150	TALYS-6a	0 [8]	24
Eu-155(n,3na)Pm-149	TALYS-6a	0 [8]	28	Eu-156(n,7n)Eu-150g	TALYS-6a	0	9
Eu-155(n,n'p)Sm-154	TALYS-6a	0 [8]	48	Eu-156(n,7n)Eu-150m	TALYS-6a	0	9
Eu-155(n,2n2a)Pr-146	TALYS-6a	0 [8,7,8]	25	Eu-156(n,8n)Eu-149	TALYS-6a	0	6
Eu-155(n,n'd)Sm-153	TALYS-6a	0 [8]	33	Eu-156(n,5np)Sm-151	TALYS-6a	0	14
Eu-155(n,n't)Sm-152	TALYS-6a	0 [8]	33	Eu-156(n,6np)Sm-150	TALYS-6a	0	11
Eu-155(n,n'h)Pm-152g	TALYS-6a	0 [4]	26	Eu-156(n,7np)Sm-149	TALYS-6a	0	7
Eu-155(n,n'h)Pm-152m	TALYS-6a	0 [4,7,8]	25	Eu-156(n,4na)Pm-149	TALYS-6a	0 [8]	21
Eu-155(n,n'h)Pm-152n	TALYS-6a	0 [4,7,8]	25	Eu-156(n,5na)Pm-148g	TALYS-6a	0	15
Eu-155(n,4n)Eu-152g	TALYS-6a	0 [4]	23	Eu-156(n,5na)Pm-148m	TALYS-6a	0	15
Eu-155(n,4n)Eu-152m	TALYS-6a	0 [4,7,8]	22	Eu-156(n,6na)Pm-147	TALYS-6a	0 [8]	12
Eu-155(n,4n)Eu-152n	TALYS-6a	0 [4,7,8]	22	Eu-156(n,7na)Pm-146	TALYS-6a	0 [8]	8
Eu-155(n,2np)Sm-153	TALYS-6a	0 [8]	31	Eu-156(n,4nd)Sm-151	TALYS-6a	0 [8]	14
Eu-155(n,3np)Sm-152	TALYS-6a	0 [8]	25	Eu-156(n,5nd)Sm-150	TALYS-6a	0 [8]	11
Eu-155(n,n'2p)Pm-153	TALYS-6a	0 [8,7,8]	26	Eu-156(n,6nd)Sm-149	TALYS-6a	0 [8]	7
Eu-155(n,n'pa)Nd-150	TALYS-6a	0 [8]	30	Eu-156(n,3nt)Sm-151	TALYS-6a	0 [8]	18
Eu-155(n,g)Eu-156	JENDL-3.2	4 [13]	1531	Eu-156(n,4nt)Sm-150	TALYS-6a	0 [8]	14
Eu-155(n,p)Sm-155	TALYS-6a	0 [2,8]	77	Eu-156(n,5nt)Sm-149	TALYS-6a	0 [8]	10
Eu-155(n,d)Sm-154	TALYS-6a	0 [8]	55	Eu-156(n,6nt)Sm-148	TALYS-6a	0 [8]	7
Eu-155(n,t)Sm-153	TALYS-6a	0 [8]	45	Eu-156(n,2nh)Pm-152g	TALYS-6a	0 [4]	20
Eu-155(n,h)Pm-153	TALYS-6a	0 [8,7,8]	35	Eu-156(n,2nh)Pm-152m	TALYS-6a	0 [4,7,8]	19
Eu-155(n,a)Pm-152g	TALYS-6a	0 [9,4,2,3]	1980	Eu-156(n,2nh)Pm-152n	TALYS-6a	0 [4,7,8]	19
Eu-155(n,a)Pm-152m	TALYS-6a	0 [9,4,7,2,3]	1980	Eu-156(n,3nh)Pm-151	TALYS-6a	0 [8]	15
Eu-155(n,a)Pm-152n	TALYS-6a	0 [7,9,4,7,2,3]	1980	Eu-156(n,4nh)Pm-150	TALYS-6a	0 [8]	12
Eu-155(n,2p)Pm-154g	TALYS-6a	0 [4,8]	30	Eu-156(n,3n2p)Pm-152g	TALYS-6a	0 [4]	14
Eu-155(n,2p)Pm-154m	TALYS-6a	0 [4,7,8,8]	29	Eu-156(n,3n2p)Pm-152m	TALYS-6a	0 [4,7,8]	13
Eu-155(n,pd)Pm-153	TALYS-6a	0 [8,7,8]	27	Eu-156(n,3n2p)Pm-152n	TALYS-6a	0 [4,7,8]	13
Eu-155(n,5n)Eu-151	TALYS-6a	0	17	Eu-156(n,3n2a)Pr-146	TALYS-6a	0 [8,7,8]	18
Eu-155(n,6n)Eu-150g	TALYS-6a	0	13	Eu-156(n,3npa)Nd-149	TALYS-6a	0 [8]	16
Eu-155(n,6n)Eu-150m	TALYS-6a	0	13	Eu-156(n,n'pd)Pm-153	TALYS-6a	0 [8,7,8]	21
Eu-155(n,2nt)Sm-151	TALYS-6a	0 [8]	24	Eu-156(n,n'pt)Pm-152g	TALYS-6a	0 [4]	19
Eu-155(n,4np)Sm-151	TALYS-6a	0 [8]	17	Eu-156(n,n'pt)Pm-152m	TALYS-6a	0 [4,7,8]	18

Eu-156(n,n'pt)Pm-152n	TALYS-6a	0 [4,7,8]	18
Eu-156(n,n'dt)Pm-151	TALYS-6a	0 [8]	15
Eu-156(n,2n2p)Pm-153	TALYS-6a	0 [8,7,8]	19
Eu-156(n,4n2p)Pm-151	TALYS-6a	0 [8]	11
Eu-156(n,4n2a)Pr-145	TALYS-6a	0 [8]	15
Eu-156(n,4npa)Nd-148	TALYS-6a	0 [8]	14
Eu-157(n,2nd)Sm-154	TALYS-6a	0 [8]	27
Eu-157(n,2n)Eu-156	TALYS-6a	0	48
Eu-157(n,3n)Eu-155	TALYS-6a	0	34
Eu-157(n,n'a)Pm-153	TALYS-6a	0 [8,7,8]	59
Eu-157(n,2na)Pm-152g	TALYS-6a	0 [4]	36
Eu-157(n,2na)Pm-152m	TALYS-6a	0 [4,7,8]	34
Eu-157(n,2na)Pm-152n	TALYS-6a	0 [4,7,8]	35
Eu-157(n,3na)Pm-151	TALYS-6a	0 [8]	28
Eu-157(n,n'p)Sm-156	TALYS-6a	0 [8]	45
Eu-157(n,2n2a)Pr-148g	TALYS-6a	0	20
Eu-157(n,2n2a)Pr-148m	TALYS-6a	0	21
Eu-157(n,n'd)Sm-155	TALYS-6a	0 [8]	33
Eu-157(n,n't)Sm-154	TALYS-6a	0 [8]	33
Eu-157(n,n'h)Pm-154g	TALYS-6a	0 [4,8,7,8]	25
Eu-157(n,n'h)Pm-154m	TALYS-6a	0 [4,7,8,8]	24
Eu-157(n,4n)Eu-154g	TALYS-6a	0 [4]	24
Eu-157(n,4n)Eu-154m	TALYS-6a	0 [4,7,8]	23
Eu-157(n,2np)Sm-155	TALYS-6a	0 [8]	31
Eu-157(n,3np)Sm-154	TALYS-6a	0 [8]	25
Eu-157(n,n'2p)Pm-155	TALYS-6a	0 [8,7,8]	24
Eu-157(n,n'pa)Nd-152	TALYS-6a	0 [8]	29
>Eu-157(n,g)Eu-158	TALYS-6a	0	100
Eu-157(n,p)Sm-157	TALYS-6a	0 [2,8,7,8]	71
Eu-157(n,d)Sm-156	TALYS-6a	0 [8]	51
Eu-157(n,t)Sm-155	TALYS-6a	0 [8]	45
Eu-157(n,h)Pm-155	TALYS-6a	0 [8,7,8]	31
Eu-157(n,a)Pm-154g	TALYS-6a	0 [4,2]	100
Eu-157(n,a)Pm-154m	TALYS-6a	0 [4,7,2]	100
Eu-157(n,2p)Pm-156	TALYS-6a	0 [8]	27
Eu-157(n,pd)Pm-155	TALYS-6a	0 [8,7,8]	25
Eu-157(n,5n)Eu-153	TALYS-6a	0	18
Eu-157(n,6n)Eu-152g	TALYS-6a	0 [4]	13
Eu-157(n,6n)Eu-152m	TALYS-6a	0 [4,7,8]	12
Eu-157(n,6n)Eu-152n	TALYS-6a	0 [4,7,8]	12
Eu-157(n,2nt)Sm-153	TALYS-6a	0 [8]	24
Eu-157(n,4np)Sm-153	TALYS-6a	0 [8]	17
Eu-157(n,3nd)Sm-153	TALYS-6a	0 [8]	19
Eu-157(n,2npa)Nd-151	TALYS-6a	0 [8]	21
Eu-157(n,7n)Eu-151	TALYS-6a	0	10
Eu-157(n,8n)Eu-150g	TALYS-6a	0	6
Eu-157(n,8n)Eu-150m	TALYS-6a	0	6
Eu-157(n,5np)Sm-152	TALYS-6a	0	14
Eu-157(n,6np)Sm-151	TALYS-6a	0	10
Eu-157(n,7np)Sm-150	TALYS-6a	0	7
Eu-157(n,4na)Pm-150	TALYS-6a	0 [8]	18
Eu-157(n,5na)Pm-149	TALYS-6a	0 [8]	15
Eu-157(n,6na)Pm-148g	TALYS-6a	0	11
Eu-157(n,6na)Pm-148m	TALYS-6a	0	11
Eu-157(n,7na)Pm-147	TALYS-6a	0 [8]	8
Eu-157(n,4nd)Sm-152	TALYS-6a	0	15
Eu-157(n,5nd)Sm-151	TALYS-6a	0	11
Eu-157(n,6nd)Sm-150	TALYS-6a	0	8
Eu-157(n,3nt)Sm-152	TALYS-6a	0 [8]	18
Eu-157(n,4nt)Sm-151	TALYS-6a	0 [8]	13
Eu-157(n,5nt)Sm-150	TALYS-6a	0 [8]	10
Eu-157(n,6nt)Sm-149	TALYS-6a	0 [8]	6
Eu-157(n,2nh)Pm-153	TALYS-6a	0 [8,7,8]	20
Eu-157(n,3nh)Pm-152g	TALYS-6a	0 [4]	15
Eu-157(n,3nh)Pm-152m	TALYS-6a	0 [4,7,8]	13
Eu-157(n,3nh)Pm-152n	TALYS-6a	0 [4,7,8]	14
Eu-157(n,4nh)Pm-151	TALYS-6a	0 [8]	12
Eu-157(n,3n2p)Pm-153	TALYS-6a	0 [8,7,8]	14
Eu-157(n,3n2a)Pr-147	TALYS-6a	0 [8]	17
Eu-157(n,3npa)Nd-150	TALYS-6a	0 [8]	16
Eu-157(n,n'pd)Pm-154g	TALYS-6a	0 [4,8,7,8]	19
Eu-157(n,n'pd)Pm-154m	TALYS-6a	0 [4,7,8,8]	18
Eu-157(n,n'pt)Pm-153	TALYS-6a	0 [8,7,8]	19
Eu-157(n,2n2p)Pm-154g	TALYS-6a	0 [4,8,7,8]	18
Eu-157(n,2n2p)Pm-154m	TALYS-6a	0 [4,7,8,8]	17
Eu-157(n,4n2p)Pm-152g	TALYS-6a	0 [4]	10
Eu-157(n,4n2p)Pm-152m	TALYS-6a	0 [4,7,8]	9
Eu-157(n,4n2p)Pm-152n	TALYS-6a	0 [4,7,8]	9
Eu-157(n,4n2a)Pr-146	TALYS-6a	0 [8,7,8]	13
Eu-157(n,4npa)Nd-149	TALYS-6a	0 [8]	12
Gd-146(n,2nd)Eu-143	TALYS-6a	0 [8,7,8]	22
Gd-146(n,2n)Gd-145g	TALYS-6a	0	39
Gd-146(n,2n)Gd-145m	TALYS-6a	0	37
Gd-146(n,3n)Gd-144	TALYS-6a	0	26
Gd-146(n,n'a)Sm-142	TALYS-6a	0	100
Gd-146(n,n'3a)Ce-134	TALYS-6a	0	100
Gd-146(n,2na)Sm-141g	TALYS-6a	0	32
Gd-146(n,2na)Sm-141m	TALYS-6a	0	32
Gd-146(n,3na)Sm-140	TALYS-6a	0 [8,7,8]	23
Gd-146(n,n'p)Eu-145	TALYS-6a	0 [8]	54
Gd-146(n,n'2a)Nd-138	TALYS-6a	0	100
Gd-146(n,2n2a)Nd-137g	TALYS-6a	0	25
Gd-146(n,2n2a)Nd-137m	TALYS-6a	0	25
Gd-146(n,n'd)Eu-144	TALYS-6a	0 [8,7,8]	31
Gd-146(n,n't)Eu-143	TALYS-6a	0 [8,7,8]	28
Gd-146(n,n'h)Sm-143g	TALYS-6a	0	30
Gd-146(n,n'h)Sm-143m	TALYS-6a	0	30
Gd-146(n,n'd2a)Pr-136	TALYS-6a	0 [8]	16
Gd-146(n,n't2a)Pr-135	TALYS-6a	0 [8]	14
Gd-146(n,4n)Gd-143g	TALYS-6a	0	15
Gd-146(n,4n)Gd-143m	TALYS-6a	0	15
Gd-146(n,2np)Eu-144	TALYS-6a	0 [8,7,8]	30
Gd-146(n,3np)Eu-143	TALYS-6a	0 [8,7,8]	20
Gd-146(n,n'2p)Sm-144	TALYS-6a	0 [8]	38
Gd-146(n,n'pa)Pm-141	TALYS-6a	0 [8,7,8]	38
Gd-146(n,g)Gd-147	MASGAM	0 [14,13]	83
Gd-146(n,p)Eu-146	TALYS-6a	0 [2]	100
Gd-146(n,d)Eu-145	TALYS-6a	0 [8]	63
Gd-146(n,t)Eu-144	TALYS-6a	0 [8,7,8]	43
Gd-146(n,h)Sm-144	TALYS-6a	0 [8]	60
Gd-146(n,a)Sm-143g	TALYS-6a	0 [2]	100
Gd-146(n,a)Sm-143m	TALYS-6a	0 [2]	100
Gd-146(n,2a)Nd-139g	TALYS-6a	0	100
Gd-146(n,2a)Nd-139m	TALYS-6a	0	100
Gd-146(n,3a)Ce-135g	TALYS-6a	0	100
Gd-146(n,3a)Ce-135m	TALYS-6a	0	100
Gd-146(n,2p)Sm-145	TALYS-6a	0 [8]	61
Gd-146(n,pa)Pm-142	TALYS-6a	0	100
Gd-146(n,pd)Sm-144	TALYS-6a	0 [8]	40
Gd-146(n,pt)Sm-143g	TALYS-6a	0	31
Gd-146(n,pt)Sm-143m	TALYS-6a	0	30
Gd-146(n,da)Pm-141	TALYS-6a	0 [8,7,8]	38
Gd-146(n,5n)Gd-142	TALYS-6a	0	11
Gd-146(n,2nt)Eu-142g	TALYS-6a	0 [4,8,7,8]	16
Gd-146(n,2nt)Eu-142m	TALYS-6a	0 [4,8,7,8]	15
Gd-146(n,ta)Pm-140g	TALYS-6a	0 [4,8,7,8]	30
Gd-146(n,ta)Pm-140m	TALYS-6a	0 [4,7,8,8]	29
Gd-146(n,4np)Eu-142g	TALYS-6a	0 [4,7,8]	13
Gd-146(n,4np)Eu-142m	TALYS-6a	0 [4,7,8]	12
Gd-146(n,3nd)Eu-142g	TALYS-6a	0 [4,7,8]	14
Gd-146(n,3nd)Eu-142m	TALYS-6a	0 [4,7,8]	13
Gd-146(n,n'da)Pm-140g	TALYS-6a	0 [4,8,7,8]	24
Gd-146(n,n'da)Pm-140m	TALYS-6a	0 [4,7,8,8]	23
Gd-146(n,2npa)Pm-140g	TALYS-6a	0 [4,8,7,8]	24
Gd-146(n,2npa)Pm-140m	TALYS-6a	0 [4,7,8,8]	23
Gd-146(n,5np)Eu-141g	TALYS-6a	0	8
Gd-146(n,5np)Eu-141m	TALYS-6a	0	8
Gd-146(n,4na)Sm-139g	TALYS-6a	0	14
Gd-146(n,4na)Sm-139m	TALYS-6a	0	14
Gd-146(n,5na)Sm-138	TALYS-6a	0 [8]	9
Gd-146(n,4nd)Eu-141g	TALYS-6a	0	9
Gd-146(n,4nd)Eu-141m	TALYS-6a	0	9
Gd-146(n,3nt)Eu-141g	TALYS-6a	0	12
Gd-146(n,3nt)Eu-141m	TALYS-6a	0	12
Gd-146(n,4nt)Eu-140	TALYS-6a	0 [8,7,8]	6
Gd-146(n,2nh)Sm-142	TALYS-6a	0 [8]	22
Gd-146(n,3nh)Sm-141g	TALYS-6a	0	14
Gd-146(n,3nh)Sm-141m	TALYS-6a	0	13
Gd-146(n,4nh)Sm-140	TALYS-6a	0 [8,7,8]	9
Gd-146(n,3n2p)Sm-142	TALYS-6a	0 [8]	16
Gd-146(n,3n2a)Nd-136	TALYS-6a	0 [8]	17
Gd-146(n,3npa)Pm-139g	TALYS-6a	0	16
Gd-146(n,3npa)Pm-139m	TALYS-6a	0	16
Gd-146(n,dt)Sm-142	TALYS-6a	0 [8]	22
Gd-146(n,n'pd)Sm-143g	TALYS-6a	0	25
Gd-146(n,n'pd)Sm-143m	TALYS-6a	0	24
Gd-146(n,n'pt)Sm-142	TALYS-6a	0 [8]	22
Gd-146(n,n'dt)Sm-141g	TALYS-6a	0	14
Gd-146(n,n'dt)Sm-141m	TALYS-6a	0	14
Gd-146(n,n'ph)Pm-142	TALYS-6a	0 [8]	21
Gd-146(n,n'dh)Pm-141	TALYS-6a	0 [8,7,8]	14
Gd-146(n,n'ta)Pm-139g	TALYS-6a	0	21
Gd-146(n,n'ta)Pm-139m	TALYS-6a	0	21
Gd-146(n,2n2p)Sm-143g	TALYS-6a	0	24
Gd-146(n,2n2p)Sm-143m	TALYS-6a	0	23
Gd-146(n,ph)Pm-143	TALYS-6a	0 [8]	31
Gd-146(n,ha)Nd-140	TALYS-6a	0 [8]	33
Gd-146(n,4n2p)Sm-141g	TALYS-6a	0	10
Gd-146(n,4n2p)Sm-141m	TALYS-6a	0	10
Gd-146(n,4n2a)Nd-135g	TALYS-6a	0	11
Gd-146(n,4n2a)Nd-135m	TALYS-6a	0	11
Gd-146(n,4npa)Pm-138g	TALYS-6a	0	10
Gd-146(n,4npa)Pm-138m	TALYS-6a	0	10
Gd-146(n,3p)Pm-144	TALYS-6a	0 [8]	31
Gd-146(n,n'3p)Pm-143	TALYS-6a	0 [8]	25
Gd-146(n,3n2pa)Nd-138	TALYS-6a	0 [8]	12
Gd-146(n,5n2p)Sm-140	TALYS-6a	0 [8,7,8]	6
Gd-147(n,2nd)Eu-144	TALYS-6a	0 [8,7,8]	24
Gd-147(n,2n)Gd-146	TALYS-6a	0	49
Gd-147(n,3n)Gd-145g	TALYS-6a	0	28
Gd-147(n,3n)Gd-145m	TALYS-6a	0	27
Gd-147(n,n'a)Sm-143g	TALYS-6a	0	100
Gd-147(n,n'a)Sm-143m	TALYS-6a	0	100
Gd-147(n,n'3a)Ce-135g	TALYS-6a	0	100
Gd-147(n,n'3a)Ce-135m	TALYS-6a	0	100
Gd-147(n,2na)Sm-142	TALYS-6a	0 [8]	40
Gd-147(n,3na)Sm-141g	TALYS-6a	0	24
Gd-147(n,3na)Sm-141m	TALYS-6a	0	24
Gd-147(n,n'p)Eu-146	TALYS-6a	0 [8]	53
Gd-147(n,n'2a)Nd-139g	TALYS-6a	0	100
Gd-147(n,n'2a)Nd-139m	TALYS-6a	0	100
Gd-147(n,2n2a)Nd-138	TALYS-6a	0 [8]	29
Gd-147(n,n'd)Eu-145	TALYS-6a	0 [8]	37
Gd-147(n,n't)Eu-144	TALYS-6a	0 [8,7,8]	30
Gd-147(n,n'h)Sm-144	TALYS-6a	0 [8]	35
Gd-147(n,n'd2a)Pr-137	TALYS-6a	0 [8]	17
Gd-147(n,4n)Gd-144	TALYS-6a	0	19
Gd-147(n,2np)Eu-145	TALYS-6a	0 [8]	34
Gd-147(n,3np)Eu-144	TALYS-6a	0 [8,7,8]	22
Gd-147(n,n'2p)Sm-145	TALYS-6a	0 [8]	36
Gd-147(n,n'pa)Pm-142	TALYS-6a	0 [8]	40
Gd-147(n,g)Gd-148	MASGAM	0 [14,13]	83
Gd-147(n,p)Eu-147	TALYS-6a	0 [2]	100
Gd-147(n,d)Eu-146	TALYS-6a	0 [8]	62
Gd-147(n,t)Eu-145	TALYS-6a	0 [8]	55
Gd-147(n,h)Sm-145	TALYS-6a	0 [8]	56
Gd-147(n,a)Sm-144	TALYS-6a	0 [2]	100
Gd-147(n,2a)Nd-140	TALYS-6a	0 [10]	100
Gd-147(n,3a)Ce-136	TALYS-6a	0	100
Gd-147(n,2p)Sm-146	TALYS-6a	0 [8]	66
Gd-147(n,pa)Pm-143	TALYS-6a	0 [10]	100
Gd-147(n,pd)Sm-145	TALYS-6a	0 [8]	39
Gd-147(n,pt)Sm-144	TALYS-6a	0 [8]	37
Gd-147(n,da)Pm-142	TALYS-6a	0 [8]	41
Gd-147(n,5n)Gd-143g	TALYS-6a	0	12
Gd-147(n,5n)Gd-143m	TALYS-6a	0	12
Gd-147(n,6n)Gd-142	TALYS-6a	0	7
Gd-147(n,2nt)Eu-143	TALYS-6a	0 [8,7,8]	20

Gd-147(n,ta)Pm-141	TALYS-6a	0	[8,7,8]	35	Gd-148(n,3n2a)Nd-138	TALYS-6a	0	[8]	19
Gd-147(n,4np)Eu-143	TALYS-6a	0		15	Gd-148(n,3npa)Pm-141	TALYS-6a	0	[8,7,8]	17
Gd-147(n,3nd)Eu-143	TALYS-6a	0	[8,7,8]	15	Gd-148(n,dt)Sm-144	TALYS-6a	0	[8]	25
Gd-147(n,n'da)Pm-141	TALYS-6a	0	[8,7,8]	27	Gd-148(n,n'pd)Sm-145	TALYS-6a	0	[8]	26
Gd-147(n,2npa)Pm-141	TALYS-6a	0	[8,7,8]	27	Gd-148(n,n'pt)Sm-144	TALYS-6a	0	[8]	25
Gd-147(n,5np)Eu-142g	TALYS-6a	0	[4,8,7,8]	9	Gd-148(n,n'dt)Sm-143g	TALYS-6a	0		15
Gd-147(n,5np)Eu-142m	TALYS-6a	0	[4,7,8,8]	7	Gd-148(n,n'dt)Sm-143m	TALYS-6a	0		15
Gd-147(n,4na)Sm-140	TALYS-6a	0	[8,7,8]	16	Gd-148(n,n'ph)Pm-144	TALYS-6a	0	[8]	20
Gd-147(n,5na)Sm-139g	TALYS-6a	0		10	Gd-148(n,n'dh)Pm-143	TALYS-6a	0	[8]	15
Gd-147(n,5na)Sm-139m	TALYS-6a	0		10	Gd-148(n,n'ta)Pm-141	TALYS-6a	0	[8,7,8]	24
Gd-147(n,4nd)Eu-142g	TALYS-6a	0	[4,8,7,8]	10	Gd-148(n,2n2p)Sm-145	TALYS-6a	0	[8]	25
Gd-147(n,4nd)Eu-142m	TALYS-6a	0	[4,7,8,8]	9	Gd-148(n,ha)Nd-142	TALYS-6a	0		100
Gd-147(n,3nt)Eu-142g	TALYS-6a	0	[4,8,7,8]	13	Gd-148(n,4n2p)Sm-143g	TALYS-6a	0		12
Gd-147(n,3nt)Eu-142m	TALYS-6a	0	[4,7,8,8]	12	Gd-148(n,4n2p)Sm-143m	TALYS-6a	0		11
Gd-147(n,4nt)Eu-141g	TALYS-6a	0		8	Gd-148(n,4n2a)Nd-137g	TALYS-6a	0		12
Gd-147(n,4nt)Eu-141m	TALYS-6a	0		8	Gd-148(n,4n2a)Nd-137m	TALYS-6a	0		12
Gd-147(n,2nh)Sm-143g	TALYS-6a	0		23	Gd-148(n,4npa)Pm-140g	TALYS-6a	0	[4,8,7,8]	11
Gd-147(n,2nh)Sm-143m	TALYS-6a	0		22	Gd-148(n,4npa)Pm-140m	TALYS-6a	0	[4,7,8,8]	10
Gd-147(n,3nh)Sm-142	TALYS-6a	0	[8]	15	Gd-148(n,n'3p)Pm-145	TALYS-6a	0	[8]	21
Gd-147(n,4nh)Sm-141g	TALYS-6a	0		10	Gd-148(n,3n2pa)Nd-140	TALYS-6a	0	[8]	13
Gd-147(n,4nh)Sm-141m	TALYS-6a	0		10	Gd-148(n,5n2p)Sm-142	TALYS-6a	0	[8]	7
Gd-147(n,3n2p)Sm-143g	TALYS-6a	0		16	Gd-149(n,2nd)Eu-146	TALYS-6a	0	[8]	26
Gd-147(n,3n2p)Sm-143m	TALYS-6a	0		16	Gd-149(n,2n)Gd-148	TALYS-6a	0		51
Gd-147(n,3n2a)Nd-137g	TALYS-6a	0		17	Gd-149(n,3n)Gd-147	TALYS-6a	0		30
Gd-147(n,3n2a)Nd-137m	TALYS-6a	0		17	Gd-149(n,n'a)Sm-145	TALYS-6a	0		100
Gd-147(n,3npa)Pm-140g	TALYS-6a	0	[4,8,7,8]	16	Gd-149(n,n'3a)Ce-137g	TALYS-6a	0		100
Gd-147(n,3npa)Pm-140m	TALYS-6a	0	[4,7,8,8]	15	Gd-149(n,n'3a)Ce-137m	TALYS-6a	0		100
Gd-147(n,dt)Sm-143g	TALYS-6a	0		23	Gd-149(n,2na)Sm-144	TALYS-6a	0	[8]	48
Gd-147(n,dt)Sm-143m	TALYS-6a	0		23	Gd-149(n,3na)Sm-143g	TALYS-6a	0		28
Gd-147(n,n'pd)Sm-144	TALYS-6a	0	[8]	28	Gd-149(n,3na)Sm-143m	TALYS-6a	0		27
Gd-147(n,n'pt)Sm-143g	TALYS-6a	0		23	Gd-149(n,n'p)Eu-149	TALYS-6a	0	[8]	50
Gd-147(n,n'pt)Sm-143m	TALYS-6a	0		23	Gd-149(n,n'2a)Nd-141g	TALYS-6a	0		100
Gd-147(n,n'dt)Sm-142	TALYS-6a	0	[8]	16	Gd-149(n,n'2a)Nd-141m	TALYS-6a	0		100
Gd-147(n,n'ph)Pm-143	TALYS-6a	0	[8]	23	Gd-149(n,2n2a)Nd-140	TALYS-6a	0	[8]	33
Gd-147(n,n'dh)Pm-142	TALYS-6a	0	[8]	15	Gd-149(n,n'd)Eu-147	TALYS-6a	0	[8]	37
Gd-147(n,n'ta)Pm-140g	TALYS-6a	0	[4,8,7,8]	22	Gd-149(n,n't)Eu-146	TALYS-6a	0	[8]	31
Gd-147(n,n'ta)Pm-140m	TALYS-6a	0	[4,7,8,8]	21	Gd-149(n,n'h)Sm-146	TALYS-6a	0	[8]	33
Gd-147(n,2n2p)Sm-144	TALYS-6a	0	[8]	27	Gd-149(n,n'd2a)Pr-139	TALYS-6a	0	[8]	19
Gd-147(n,ph)Pm-144	TALYS-6a	0	[8]	29	Gd-149(n,4n)Gd-146	TALYS-6a	0		23
Gd-147(n,ha)Nd-141g	TALYS-6a	0		35	Gd-149(n,2np)Eu-147	TALYS-6a	0	[8]	34
Gd-147(n,ha)Nd-141m	TALYS-6a	0		33	Gd-149(n,3np)Eu-146	TALYS-6a	0	[8]	24
Gd-147(n,4n2p)Sm-142	TALYS-6a	0	[8]	12	Gd-149(n,n'2p)Sm-147	TALYS-6a	0	[8]	34
Gd-147(n,4n2a)Nd-136	TALYS-6a	0	[8]	13	Gd-149(n,n'pa)Pm-144	TALYS-6a	0	[8]	42
Gd-147(n,4npa)Pm-139g	TALYS-6a	0		12	Gd-149(n,g)Gd-150	MASGAM	0	[14,13]	83
Gd-147(n,4npa)Pm-139m	TALYS-6a	0		12	Gd-149(n,p)Eu-149	TALYS-6a	0	[2]	100
Gd-147(n,3p)Pm-145	TALYS-6a	0	[8]	31	Gd-149(n,d)Eu-148	TALYS-6a	0	[8]	58
Gd-147(n,n'3p)Pm-144	TALYS-6a	0	[8]	23	Gd-149(n,t)Eu-147	TALYS-6a	0	[8]	53
Gd-147(n,3n2pa)Nd-139g	TALYS-6a	0		12	Gd-149(n,h)Sm-147	TALYS-6a	0	[8]	49
Gd-147(n,3n2pa)Nd-139m	TALYS-6a	0		12	Gd-149(n,a)Sm-146	TALYS-6a	0	[2]	100
Gd-147(n,5n2p)Sm-141g	TALYS-6a	0		6	Gd-149(n,2a)Nd-142	TALYS-6a	0	[10]	100
Gd-147(n,5n2p)Sm-141m	TALYS-6a	0		6	Gd-149(n,2p)Sm-148	TALYS-6a	0	[8]	58
Gd-148(n,2nd)Eu-145	TALYS-6a	0	[8]	25	Gd-149(n,pa)Pm-145	TALYS-6a	0		100
Gd-148(n,2n)Gd-147	TALYS-6a	0		43	Gd-149(n,pd)Sm-147	TALYS-6a	0	[8]	36
Gd-148(n,3n)Gd-146	TALYS-6a	0		30	Gd-149(n,pt)Sm-146	TALYS-6a	0	[8]	35
Gd-148(n,n'a)Sm-144	TALYS-6a	0		100	Gd-149(n,da)Pm-144	TALYS-6a	0	[8]	43
Gd-148(n,n'3a)Ce-136	TALYS-6a	0		100	Gd-149(n,5n)Gd-145g	TALYS-6a	0		14
Gd-148(n,2na)Sm-143g	TALYS-6a	0		39	Gd-149(n,5n)Gd-145m	TALYS-6a	0		14
Gd-148(n,2na)Sm-143m	TALYS-6a	0		37	Gd-149(n,6n)Gd-144	TALYS-6a	0		10
Gd-148(n,3na)Sm-142	TALYS-6a	0	[8]	26	Gd-149(n,2nt)Eu-145	TALYS-6a	0	[8]	24
Gd-148(n,n'p)Eu-147	TALYS-6a	0	[8]	51	Gd-149(n,ta)Pm-143	TALYS-6a	0	[8]	42
Gd-148(n,n'2a)Nd-140	TALYS-6a	0		100	Gd-149(n,4np)Eu-145	TALYS-6a	0	[8]	17
Gd-148(n,2n2a)Nd-139g	TALYS-6a	0		28	Gd-149(n,3nd)Eu-145	TALYS-6a	0	[8]	18
Gd-148(n,2n2a)Nd-139m	TALYS-6a	0		28	Gd-149(n,n'da)Pm-143	TALYS-6a	0	[8]	31
Gd-148(n,n'd)Eu-146	TALYS-6a	0	[8]	34	Gd-149(n,2npa)Pm-143	TALYS-6a	0	[8]	30
Gd-148(n,n't)Eu-145	TALYS-6a	0	[8]	31	Gd-149(n,5np)Eu-144	TALYS-6a	0	[8,7,8]	11
Gd-148(n,n'h)Sm-145	TALYS-6a	0	[8]	31	Gd-149(n,4na)Sm-142	TALYS-6a	0	[8]	19
Gd-148(n,n'd2a)Pr-138g	TALYS-6a	0		16	Gd-149(n,5na)Sm-141g	TALYS-6a	0		12
Gd-148(n,n'd2a)Pr-138m	TALYS-6a	0		16	Gd-149(n,5na)Sm-141m	TALYS-6a	0		12
Gd-148(n,4n)Gd-145g	TALYS-6a	0		19	Gd-149(n,6na)Sm-140	TALYS-6a	0	[8,7,8]	8
Gd-148(n,4n)Gd-145m	TALYS-6a	0		18	Gd-149(n,4nd)Eu-144	TALYS-6a	0	[8,7,8]	12
Gd-148(n,2np)Eu-146	TALYS-6a	0	[8]	31	Gd-149(n,5nd)Eu-143	TALYS-6a	0		8
Gd-148(n,3np)Eu-145	TALYS-6a	0	[8]	24	Gd-149(n,3nt)Eu-144	TALYS-6a	0	[8,7,8]	15
Gd-148(n,n'2p)Sm-146	TALYS-6a	0	[8]	35	Gd-149(n,4nt)Eu-143	TALYS-6a	0	[8,7,8]	10
Gd-148(n,n'pa)Pm-143	TALYS-6a	0	[8]	43	Gd-149(n,2nh)Sm-145	TALYS-6a	0	[8]	25
Gd-148(n,g)Gd-149	MASGAM	2	[14,13,12]	120	Gd-149(n,3nh)Sm-144	TALYS-6a	0	[8]	18
Gd-148(n,p)Eu-148	TALYS-6a	0	[2]	100	Gd-149(n,4nh)Sm-143g	TALYS-6a	0		12
Gd-148(n,d)Eu-147	TALYS-6a	0	[8]	59	Gd-149(n,4nh)Sm-143m	TALYS-6a	0		11
Gd-148(n,t)Eu-146	TALYS-6a	0	[8]	45	Gd-149(n,3n2p)Sm-145	TALYS-6a	0	[8]	17
Gd-148(n,h)Sm-146	TALYS-6a	0	[8]	52	Gd-149(n,3n2a)Nd-139g	TALYS-6a	0		20
Gd-148(n,a)Sm-145	TALYS-6a	0	[2]	100	Gd-149(n,3n2a)Nd-139m	TALYS-6a	0		20
Gd-148(n,2a)Nd-141g	TALYS-6a	0	[10]	100	Gd-149(n,3npa)Pm-142	TALYS-6a	0	[8]	19
Gd-148(n,2a)Nd-141m	TALYS-6a	0	[10]	100	Gd-149(n,n'pd)Sm-146	TALYS-6a	0	[8]	27
Gd-148(n,2p)Sm-147	TALYS-6a	0	[8]	52	Gd-149(n,n'pt)Sm-145	TALYS-6a	0	[8]	25
Gd-148(n,pa)Pm-144	TALYS-6a	0		100	Gd-149(n,n'dt)Sm-144	TALYS-6a	0	[8]	18
Gd-148(n,pd)Sm-146	TALYS-6a	0	[8]	37	Gd-149(n,n'ph)Pm-145	TALYS-6a	0	[8]	21
Gd-148(n,pt)Sm-145	TALYS-6a	0	[8]	32	Gd-149(n,n'dh)Pm-144	TALYS-6a	0	[8]	15
Gd-148(n,da)Pm-143	TALYS-6a	0	[8]	45	Gd-149(n,n'ta)Pm-142	TALYS-6a	0	[8]	26
Gd-148(n,5n)Gd-144	TALYS-6a	0		13	Gd-149(n,2n2p)Sm-146	TALYS-6a	0	[8]	26
Gd-148(n,6n)Gd-143g	TALYS-6a	0		7	Gd-149(n,4n2p)Sm-144	TALYS-6a	0	[8]	14
Gd-148(n,6n)Gd-143m	TALYS-6a	0		7	Gd-149(n,4n2a)Nd-138	TALYS-6a	0	[8]	14
Gd-148(n,2nt)Eu-144	TALYS-6a	0	[8,7,8]	20	Gd-149(n,4npa)Pm-141	TALYS-6a	0	[8,7,8]	13
Gd-148(n,ta)Pm-142	TALYS-6a	0	[8]	34	Gd-149(n,n'3p)Pm-146	TALYS-6a	0	[8]	20
Gd-148(n,4np)Eu-144	TALYS-6a	0		15	Gd-149(n,3n2pa)Nd-141g	TALYS-6a	0		13
Gd-148(n,3nd)Eu-144	TALYS-6a	0		16	Gd-149(n,3n2pa)Nd-141m	TALYS-6a	0		13
Gd-148(n,n'da)Pm-142	TALYS-6a	0	[8]	27	Gd-149(n,5n2p)Sm-143g	TALYS-6a	0		8
Gd-148(n,2npa)Pm-142	TALYS-6a	0	[8]	26	Gd-149(n,5n2p)Sm-143m	TALYS-6a	0		8
Gd-148(n,5np)Eu-143	TALYS-6a	0	[8,7,8]	10	Gd-150(n,2nd)Eu-147	TALYS-6a	0	[8]	25
Gd-148(n,4na)Sm-141g	TALYS-6a	0		16	Gd-150(n,2n)Gd-149	TALYS-6a	0		44
Gd-148(n,4na)Sm-141m	TALYS-6a	0		16	Gd-150(n,3n)Gd-148	TALYS-6a	0		31
Gd-148(n,5na)Sm-140	TALYS-6a	0	[8,7,8]	11	Gd-150(n,n'a)Sm-146	TALYS-6a	0		100
Gd-148(n,4nd)Eu-143	TALYS-6a	0	[8,7,8]	11	Gd-150(n,n'3a)Ce-138	TALYS-6a	0		100
Gd-148(n,3nt)Eu-143	TALYS-6a	0	[8,7,8]	14	Gd-150(n,2na)Sm-145	TALYS-6a	0	[8]	42
Gd-148(n,4nt)Eu-142g	TALYS-6a	0	[4,8,7,8]	8	Gd-150(n,3na)Sm-144	TALYS-6a	0	[8]	30
Gd-148(n,4nt)Eu-142m	TALYS-6a	0	[4,7,8,8]	7	Gd-150(n,n'p)Eu-149	TALYS-6a	0	[8]	47
Gd-148(n,2nh)Sm-144	TALYS-6a	0	[8]	24	Gd-150(n,n'2a)Nd-142	TALYS-6a	0		100
Gd-148(n,3nh)Sm-143g	TALYS-6a	0		15	Gd-150(n,2n2a)Nd-141g	TALYS-6a	0		31
Gd-148(n,3nh)Sm-143m	TALYS-6a	0		15	Gd-150(n,2n2a)Nd-141m	TALYS-6a	0		30
Gd-148(n,4nh)Sm-142	TALYS-6a	0	[8]	11	Gd-150(n,n'd)Eu-148	TALYS-6a	0	[8]	32
Gd-148(n,3n2p)Sm-144	TALYS-6a	0	[8]	18	Gd-150(n,n't)Eu-147	TALYS-6a	0	[8]	31

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Gd-150(n,n'h)Sm-147    TALYS-6a   0 [8]        30    Gd-151(n,4nd)Eu-146    TALYS-6a   0 [8]          13
Gd-150(n,4n)Gd-147     TALYS-6a   0            22    Gd-151(n,5nd)Eu-145    TALYS-6a   0 [8]          10
Gd-150(n,2np)Eu-148    TALYS-6a   0 [8]        31    Gd-151(n,3nt)Eu-146    TALYS-6a   0 [8]          16
Gd-150(n,3np)Eu-147    TALYS-6a   0 [8]        24    Gd-151(n,4nt)Eu-145    TALYS-6a   0 [8]          12
Gd-150(n,n'2p)Sm-148   TALYS-6a   0 [8]        32    Gd-151(n,2nh)Sm-147    TALYS-6a   0 [8]          24
Gd-150(n,n'pa)Pm-145   TALYS-6a   0 [8]        40    Gd-151(n,3nh)Sm-146    TALYS-6a   0 [8]          17
Gd-150(n,g)Gd-151      MASGAM     0 [14,13]    83    Gd-151(n,4nh)Sm-145    TALYS-6a   0 [8]          13
Gd-150(n,p)Eu-150g     TALYS-6a   0 [2]        80    Gd-151(n,3n2p)Sm-147   TALYS-6a   0 [8]          17
Gd-150(n,p)Eu-150m     TALYS-6a   0 [2]        80    Gd-151(n,3n2a)Nd-141g  TALYS-6a   0               24
Gd-150(n,d)Eu-149      TALYS-6a   0 [8]        56    Gd-151(n,3n2a)Nd-141m  TALYS-6a   0               23
Gd-150(n,t)Eu-148      TALYS-6a   0 [8]        45    Gd-151(n,3npa)Pm-144   TALYS-6a   0 [8]          22
Gd-150(n,h)Sm-148      TALYS-6a   0 [8]        46    Gd-151(n,n'pd)Sm-148   TALYS-6a   0 [8]          26
Gd-150(n,a)Sm-147      TALYS-6a   0 [2]       100    Gd-151(n,n'pt)Sm-147   TALYS-6a   0 [8]          24
Gd-150(n,2a)Nd-143     TALYS-6a   0 [10]      100    Gd-151(n,n'dt)Sm-146   TALYS-6a   0 [8]          18
Gd-150(n,2p)Sm-149     TALYS-6a   0 [8]        44    Gd-151(n,n'ph)Pm-147   TALYS-6a   0 [8]          19
Gd-150(n,pa)Pm-146     TALYS-6a   0           100    Gd-151(n,n'ta)Pm-144   TALYS-6a   0 [8]          28
Gd-150(n,d2a)Pr-141    TALYS-6a   0           100    Gd-151(n,2n2p)Sm-148   TALYS-6a   0 [8]          25
Gd-150(n,pd)Sm-148     TALYS-6a   0 [8]        35    Gd-151(n,4n2p)Sm-146   TALYS-6a   0 [8]          13
Gd-150(n,pt)Sm-147     TALYS-6a   0 [8]        31    Gd-151(n,4n2a)Nd-140   TALYS-6a   0 [8]          16
Gd-150(n,da)Pm-145     TALYS-6a   0 [8]        41    Gd-151(n,4npa)Pm-143   TALYS-6a   0 [8]          15
Gd-150(n,5n)Gd-146     TALYS-6a   0            15    Gd-151(n,3n2pa)Nd-143  TALYS-6a   0 [8]          14
Gd-150(n,6n)Gd-145g    TALYS-6a   0            10    Gd-151(n,5n2p)Sm-145   TALYS-6a   0 [8]           9
Gd-150(n,6n)Gd-145m    TALYS-6a   0             9    Gd-152(n,2nd)Eu-149    TALYS-6a   0 [8]          25
Gd-150(n,2nt)Eu-146    TALYS-6a   0 [8]        22    Gd-152(n,2n)Gd-151     ADL-3      2 [13]          45
Gd-150(n,ta)Pm-144     TALYS-6a   0 [8]        37    Gd-152(n,3n)Gd-150     TALYS-6a   0               31
Gd-150(n,4np)Eu-146    TALYS-6a   0            16    Gd-152(n,n'a)Sm-148    TALYS-6a   0              100
Gd-150(n,3nd)Eu-146    TALYS-6a   0 [8]        17    Gd-152(n,n'3a)Ce-140   TALYS-6a   0              100
Gd-150(n,n'da)Pm-144   TALYS-6a   0 [8]        28    Gd-152(n,2na)Sm-147    TALYS-6a   0 [8]          42
Gd-150(n,2npa)Pm-144   TALYS-6a   0 [8]        28    Gd-152(n,3na)Sm-146    TALYS-6a   0 [8]          30
Gd-150(n,5np)Eu-145    TALYS-6a   0            13    Gd-152(n,n'p)Eu-151    TALYS-6a   0 [8]          45
Gd-150(n,6np)Eu-144    TALYS-6a   0             7    Gd-152(n,n'2a)Nd-144   TALYS-6a   0              100
Gd-150(n,4na)Sm-143g   TALYS-6a   0            19    Gd-152(n,2n2a)Nd-143   TALYS-6a   0 [8]          34
Gd-150(n,4na)Sm-143m   TALYS-6a   0            19    Gd-152(n,n'd)Eu-150g   TALYS-6a   0               32
Gd-150(n,5na)Sm-142    TALYS-6a   0 [8]        13    Gd-152(n,n'd)Eu-150m   TALYS-6a   0               32
Gd-150(n,6na)Sm-141g   TALYS-6a   0             8    Gd-152(n,n't)Eu-149    TALYS-6a   0 [8]          31
Gd-150(n,6na)Sm-141m   TALYS-6a   0             8    Gd-152(n,n'h)Sm-149    TALYS-6a   0 [8]          29
Gd-150(n,4nd)Eu-145    TALYS-6a   0 [8]        13    Gd-152(n,n'd2a)Pr-142g TALYS-6a   0               18
Gd-150(n,5nd)Eu-144    TALYS-6a   0 [8,7,8]     8    Gd-152(n,n'd2a)Pr-142m TALYS-6a   0               19
Gd-150(n,3nt)Eu-145    TALYS-6a   0 [8]        16    Gd-152(n,n't2a)Pr-141  TALYS-6a   0 [8]          20
Gd-150(n,4nt)Eu-144    TALYS-6a   0 [8,7,8]    11    Gd-152(n,4n)Gd-149     TALYS-6a   0               23
Gd-150(n,2nh)Sm-146    TALYS-6a   0 [8]        24    Gd-152(n,2np)Eu-150g   TALYS-6a   0               30
Gd-150(n,3nh)Sm-145    TALYS-6a   0 [8]        16    Gd-152(n,2np)Eu-150m   TALYS-6a   0               30
Gd-150(n,4nh)Sm-144    TALYS-6a   0 [8]        13    Gd-152(n,3np)Eu-149    TALYS-6a   0 [8]          24
Gd-150(n,3n2p)Sm-146   TALYS-6a   0 [8]        17    Gd-152(n,n'2p)Sm-150   TALYS-6a   0 [8]          30
Gd-150(n,3n2a)Nd-140   TALYS-6a   0 [8]        22    Gd-152(n,n'pa)Pm-147   TALYS-6a   0 [8]          37
Gd-150(n,3npa)Pm-143   TALYS-6a   0 [8]        21    Gd-152(n,g)Gd-153      JENDL-3.2  4 [14,13]
Gd-150(n,n'pd)Sm-147   TALYS-6a   0 [8]        25    25554
Gd-150(n,n'pt)Sm-146   TALYS-6a   0 [8]        24    Gd-152(n,p)Eu-152g     TALYS-6a   0 [4,2]         76
Gd-150(n,n'dt)Sm-145   TALYS-6a   0 [8]        16    Gd-152(n,p)Eu-152m     TALYS-6a   0 [4,7,8,2]     76
Gd-150(n,n'ph)Pm-146   TALYS-6a   0 [8]        18    Gd-152(n,p)Eu-152n     TALYS-6a   0 [4,7,8,2]     75
Gd-150(n,n'ta)Pm-143   TALYS-6a   0 [8]        28    Gd-152(n,d)Eu-151      TALYS-6a   0 [8]          52
Gd-150(n,2n2p)Sm-147   TALYS-6a   0 [8]        24    Gd-152(n,t)Eu-150g     TALYS-6a   0               44
Gd-150(n,4n2p)Sm-145   TALYS-6a   0 [8]        13    Gd-152(n,t)Eu-150m     TALYS-6a   0               44
Gd-150(n,4n2a)Nd-139g  TALYS-6a   0            14    Gd-152(n,h)Sm-150      TALYS-6a   0 [8]          42
Gd-150(n,4n2a)Nd-139m  TALYS-6a   0            14    Gd-152(n,a)Sm-149      JENDL-3.2  2 [7,13,2,4]  1411
Gd-150(n,4npa)Pm-142   TALYS-6a   0 [8]        13    Gd-152(n,2a)Nd-145     TALYS-6a   0 [10]        100
Gd-150(n,n'3p)Pm-147   TALYS-6a   0 [8]        19    Gd-152(n,2p)Sm-151     TALYS-6a   0 [8]          40
Gd-150(n,3n2pa)Nd-142  TALYS-6a   0 [8]        14    Gd-152(n,pa)Pm-148g    TALYS-6a   0              100
Gd-150(n,5n2p)Sm-144   TALYS-6a   0 [8]         9    Gd-152(n,pa)Pm-148m    TALYS-6a   0              100
Gd-151(n,2nd)Eu-148    TALYS-6a   0 [8]        26    Gd-152(n,pd)Sm-150     TALYS-6a   0 [8]          32
Gd-151(n,2n)Gd-150     TALYS-6a   0            53    Gd-152(n,pt)Sm-149     TALYS-6a   0 [8]          29
Gd-151(n,3n)Gd-149     TALYS-6a   0            31    Gd-152(n,da)Pm-147     TALYS-6a   0 [8]          38
Gd-151(n,n'a)Sm-147    TALYS-6a   0           100    Gd-152(n,5n)Gd-148     TALYS-6a   0               16
Gd-151(n,n'3a)Ce-139g  TALYS-6a   0           100    Gd-152(n,6n)Gd-147     TALYS-6a   0               12
Gd-151(n,n'3a)Ce-139m  TALYS-6a   0           100    Gd-152(n,2nt)Eu-148    TALYS-6a   0 [8]          23
Gd-151(n,2na)Sm-146    TALYS-6a   0 [8]        47    Gd-152(n,ta)Pm-146     TALYS-6a   0 [8]          35
Gd-151(n,3na)Sm-145    TALYS-6a   0 [8]        30    Gd-152(n,4np)Eu-148    TALYS-6a   0               16
Gd-151(n,n'p)Eu-150g   TALYS-6a   0            47    Gd-152(n,3nd)Eu-148    TALYS-6a   0 [8]          17
Gd-151(n,n'p)Eu-150m   TALYS-6a   0            47    Gd-152(n,n'da)Pm-146   TALYS-6a   0 [8]          27
Gd-151(n,n'2a)Nd-143   TALYS-6a   0           100    Gd-152(n,2npa)Pm-146   TALYS-6a   0 [8]          26
Gd-151(n,2n2a)Nd-142   TALYS-6a   0 [8]        40    Gd-152(n,7n)Gd-146     TALYS-6a   0                8
Gd-151(n,n'd)Eu-149    TALYS-6a   0 [8]        36    Gd-152(n,5np)Eu-147    TALYS-6a   0               13
Gd-151(n,n't)Eu-148    TALYS-6a   0 [8]        32    Gd-152(n,6np)Eu-146    TALYS-6a   0                9
Gd-151(n,n'h)Sm-148    TALYS-6a   0 [8]        32    Gd-152(n,4na)Sm-145    TALYS-6a   0 [8]          21
Gd-151(n,n'd2a)Pr-141  TALYS-6a   0 [8]        23    Gd-152(n,5na)Sm-144    TALYS-6a   0 [8]          16
Gd-151(n,4n)Gd-148     TALYS-6a   0            24    Gd-152(n,6na)Sm-143g   TALYS-6a   0               10
Gd-151(n,2np)Eu-149    TALYS-6a   0 [8]        33    Gd-152(n,6na)Sm-143m   TALYS-6a   0               10
Gd-151(n,3np)Eu-148    TALYS-6a   0 [8]        24    Gd-152(n,4nd)Eu-147    TALYS-6a   0 [8]          13
Gd-151(n,n'2p)Sm-149   TALYS-6a   0 [8]        31    Gd-152(n,5nd)Eu-146    TALYS-6a   0 [8]           9
Gd-151(n,n'pa)Pm-146   TALYS-6a   0 [8]        39    Gd-152(n,3nt)Eu-147    TALYS-6a   0 [8]          16
Gd-151(n,g)Gd-152      MASGAM     0 [14,13]    83    Gd-152(n,4nt)Eu-146    TALYS-6a   0 [8]          12
Gd-151(n,p)Eu-151      TALYS-6a   0 [2]       100    Gd-152(n,5nt)Eu-145    TALYS-6a   0 [8]           8
Gd-151(n,d)Eu-150g     TALYS-6a   0            55    Gd-152(n,2nh)Sm-148    TALYS-6a   0 [8]          23
Gd-151(n,d)Eu-150m     TALYS-6a   0            54    Gd-152(n,3nh)Sm-147    TALYS-6a   0 [8]          16
Gd-151(n,t)Eu-149      TALYS-6a   0 [8]        52    Gd-152(n,4nh)Sm-146    TALYS-6a   0 [8]          13
Gd-151(n,h)Sm-149      TALYS-6a   0 [8]        43    Gd-152(n,3n2p)Sm-148   TALYS-6a   0 [8]          16
Gd-151(n,a)Sm-148      TALYS-6a   0 [2]       100    Gd-152(n,3n2a)Nd-142   TALYS-6a   0 [8]          27
Gd-151(n,2a)Nd-144     TALYS-6a   0 [10]      100    Gd-152(n,3npa)Pm-145   TALYS-6a   0 [8]          20
Gd-151(n,2p)Sm-150     TALYS-6a   0 [8]        49    Gd-152(n,n'pd)Sm-149   TALYS-6a   0 [8]          23
Gd-151(n,pa)Pm-147     TALYS-6a   0           100    Gd-152(n,n'pt)Sm-148   TALYS-6a   0 [8]          23
Gd-151(n,d2a)Pr-142g   TALYS-6a   0            27    Gd-152(n,n'dt)Sm-147   TALYS-6a   0 [8]          16
Gd-151(n,d2a)Pr-142m   TALYS-6a   0            27    Gd-152(n,n'ta)Pm-145   TALYS-6a   0 [8]          27
Gd-151(n,pd)Sm-149     TALYS-6a   0 [8]        33    Gd-152(n,2n2p)Sm-147   TALYS-6a   0 [8]          22
Gd-151(n,pt)Sm-148     TALYS-6a   0 [8]        33    Gd-152(n,4n2p)Sm-145   TALYS-6a   0 [8]          12
Gd-151(n,da)Pm-146     TALYS-6a   0 [8]        40    Gd-152(n,4n2a)Nd-141g  TALYS-6a   0               16
Gd-151(n,5n)Gd-147     TALYS-6a   0            16    Gd-152(n,4n2a)Nd-141m  TALYS-6a   0               15
Gd-151(n,6n)Gd-146     TALYS-6a   0            12    Gd-152(n,4npa)Pm-144   TALYS-6a   0 [8]          15
Gd-151(n,2nt)Eu-147    TALYS-6a   0 [8]        24    Gd-152(n,3n2pa)Nd-144  TALYS-6a   0 [8]          13
Gd-151(n,ta)Pm-145     TALYS-6a   0 [8]        40    Gd-152(n,5n2p)Sm-146   TALYS-6a   0 [8]           9
Gd-151(n,4np)Eu-147    TALYS-6a   0 [8]        17    Gd-153(n,2nd)Eu-150g   TALYS-6a   0               26
Gd-151(n,3nd)Eu-147    TALYS-6a   0 [8]        19    Gd-153(n,2nd)Eu-150m   TALYS-6a   0               25
Gd-151(n,n'da)Pm-145   TALYS-6a   0 [8]        30    Gd-153(n,2n)Gd-152     TALYS-6a   0               54
Gd-151(n,2npa)Pm-145   TALYS-6a   0 [8]        29    Gd-153(n,3n)Gd-151     TALYS-6a   0               32
Gd-151(n,5np)Eu-146    TALYS-6a   0            13    Gd-153(n,n'a)Sm-149    TALYS-6a   0              100
Gd-151(n,6np)Eu-145    TALYS-6a   0             9    Gd-153(n,n'3a)Ce-141   TALYS-6a   0              100
Gd-151(n,4na)Sm-144    TALYS-6a   0 [8]        23    Gd-153(n,2na)Sm-148    TALYS-6a   0 [8]          45
Gd-151(n,5na)Sm-143g   TALYS-6a   0            15    Gd-153(n,3na)Sm-147    TALYS-6a   0 [8]          30
Gd-151(n,5na)Sm-143m   TALYS-6a   0            14    Gd-153(n,n'p)Eu-152g   TALYS-6a   0 [4]          45
Gd-151(n,6na)Sm-142    TALYS-6a   0 [8]        10    Gd-153(n,n'p)Eu-152m   TALYS-6a   0 [4,7,8]      45
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Gd-153(n,n'p)Eu-152n	TALYS-6a	0 [4,7,8]	44	Gd-154(n,2npa)Pm-148m	TALYS-6a	0	24
Gd-153(n,n'2a)Nd-145	TALYS-6a	0	100	Gd-154(n,7n)Gd-148	TALYS-6a	0	8
Gd-153(n,2n2a)Nd-144	TALYS-6a	0 [8]	36	Gd-154(n,5np)Eu-149	TALYS-6a	0	13
Gd-153(n,n'd)Eu-151	TALYS-6a	0 [8]	35	Gd-154(n,6np)Eu-148	TALYS-6a	0 [8]	8
Gd-153(n,n't)Eu-150g	TALYS-6a	0	31	Gd-154(n,4na)Sm-147	TALYS-6a	0 [8]	21
Gd-153(n,n't)Eu-150m	TALYS-6a	0	31	Gd-154(n,5na)Sm-146	TALYS-6a	0 [8]	15
Gd-153(n,n'h)Sm-150	TALYS-6a	0 [8]	31	Gd-154(n,6na)Sm-145	TALYS-6a	0 [8]	11
Gd-153(n,n't2a)Pr-142g	TALYS-6a	0	17	Gd-154(n,7na)Sm-144	TALYS-6a	0 [8]	8
Gd-153(n,n't2a)Pr-142m	TALYS-6a	0	18	Gd-154(n,4nd)Eu-149	TALYS-6a	0 [8]	13
Gd-153(n,4n)Gd-150	TALYS-6a	0	25	Gd-154(n,5nd)Eu-148	TALYS-6a	0 [8]	9
Gd-153(n,2np)Eu-151	TALYS-6a	0 [8]	32	Gd-154(n,3nt)Eu-149	TALYS-6a	0 [8]	16
Gd-153(n,3np)Eu-150g	TALYS-6a	0	24	Gd-154(n,4nt)Eu-148	TALYS-6a	0 [8]	12
Gd-153(n,3np)Eu-150m	TALYS-6a	0	24	Gd-154(n,5nt)Eu-147	TALYS-6a	0 [8]	8
Gd-153(n,n'2p)Sm-151	TALYS-6a	0 [8]	29	Gd-154(n,2nh)Sm-150	TALYS-6a	0 [8]	22
Gd-153(n,n'pa)Pm-148g	TALYS-6a	0	35	Gd-154(n,3nh)Sm-149	TALYS-6a	0 [8]	15
Gd-153(n,n'pa)Pm-148m	TALYS-6a	0	35	Gd-154(n,4nh)Sm-148	TALYS-6a	0 [8]	12
Gd-153(n,g)Gd-154	MASGAM	2 [14,13,12]	117	Gd-154(n,3n2p)Sm-150	TALYS-6a	0 [8]	16
Gd-153(n,p)Eu-153	TALYS-6a	0 [2]	100	Gd-154(n,3n2a)Nd-144	TALYS-6a	0 [8]	24
Gd-153(n,d)Eu-152g	TALYS-6a	0 [4]	51	Gd-154(n,3npa)Pm-147	TALYS-6a	0 [8]	18
Gd-153(n,d)Eu-152m	TALYS-6a	0 [4,7,8]	51	Gd-154(n,n'pd)Sm-151	TALYS-6a	0 [8]	22
Gd-153(n,d)Eu-152n	TALYS-6a	0 [4,7,8]	50	Gd-154(n,n'pt)Sm-150	TALYS-6a	0 [8]	22
Gd-153(n,t)Eu-151	TALYS-6a	0 [8]	50	Gd-154(n,n'dt)Sm-149	TALYS-6a	0 [8]	15
Gd-153(n,h)Sm-151	TALYS-6a	0 [8]	40	Gd-154(n,n'ta)Pm-147	TALYS-6a	0 [8]	25
Gd-153(n,a)Sm-150	ADL-3	2 [13,11]	64	Gd-154(n,2n2p)Sm-151	TALYS-6a	0 [8]	20
Gd-153(n,2a)Nd-146	TALYS-6a	0 [10]	100	Gd-154(n,4n2p)Sm-149	TALYS-6a	0 [8]	12
Gd-153(n,2p)Sm-152	TALYS-6a	0 [8]	45	Gd-154(n,4n2a)Nd-143	TALYS-6a	0 [8]	16
Gd-153(n,pa)Pm-149	TALYS-6a	0	100	Gd-154(n,4npa)Pm-146	TALYS-6a	0 [8]	13
Gd-153(n,pd)Sm-151	TALYS-6a	0 [8]	31	Gd-154(n,5n2p)Sm-148	TALYS-6a	0 [8]	9
Gd-153(n,pt)Sm-150	TALYS-6a	0 [8]	31	Gd-155(n,2nd)Eu-152g	TALYS-6a	0 [4]	24
Gd-153(n,da)Pm-148g	TALYS-6a	0	37	Gd-155(n,2nd)Eu-152m	TALYS-6a	0 [4,7,8]	23
Gd-153(n,da)Pm-148m	TALYS-6a	0	37	Gd-155(n,2nd)Eu-152n	TALYS-6a	0 [4,7,8]	23
Gd-153(n,5n)Gd-149	TALYS-6a	0	16	Gd-155(n,2n)Gd-154	JENDL-3.2	4 [13]	42
Gd-153(n,6n)Gd-148	TALYS-6a	0	13	Gd-155(n,3n)Gd-153	TALYS-6a	0	31
Gd-153(n,2nt)Eu-149	TALYS-6a	0 [8]	25	Gd-155(n,n'a)Sm-151	TALYS-6a	0	100
Gd-153(n,ta)Pm-147	TALYS-6a	0 [8]	38	Gd-155(n,2na)Sm-150	TALYS-6a	0 [8]	42
Gd-153(n,4np)Eu-149	TALYS-6a	0	18	Gd-155(n,3na)Sm-149	TALYS-6a	0 [8]	29
Gd-153(n,3nd)Eu-149	TALYS-6a	0 [8]	19	Gd-155(n,n'p)Eu-154g	TALYS-6a	0 [4,8]	44
Gd-153(n,n'da)Pm-147	TALYS-6a	0 [8]	29	Gd-155(n,n'p)Eu-154m	TALYS-6a	0 [4,7,8,8]	43
Gd-153(n,2npa)Pm-147	TALYS-6a	0 [8]	27	Gd-155(n,n'2a)Nd-147	TALYS-6a	0	100
Gd-153(n,7n)Gd-147	TALYS-6a	0	8	Gd-155(n,2n2a)Nd-146	TALYS-6a	0 [8]	31
Gd-153(n,5np)Eu-148	TALYS-6a	0	13	Gd-155(n,n'd)Eu-153	TALYS-6a	0 [8]	34
Gd-153(n,6np)Eu-147	TALYS-6a	0	10	Gd-155(n,n't)Eu-152g	TALYS-6a	0 [4]	30
Gd-153(n,4na)Sm-146	TALYS-6a	0 [8]	24	Gd-155(n,n't)Eu-152m	TALYS-6a	0 [4,7,8]	29
Gd-153(n,5na)Sm-145	TALYS-6a	0 [8]	16	Gd-155(n,n't)Eu-152n	TALYS-6a	0 [4,7,8]	29
Gd-153(n,6na)Sm-144	TALYS-6a	0 [8]	12	Gd-155(n,n'h)Sm-152	TALYS-6a	0 [8]	29
Gd-153(n,4nd)Eu-148	TALYS-6a	0	14	Gd-155(n,4n)Gd-152	TALYS-6a	0	25
Gd-153(n,5nd)Eu-147	TALYS-6a	0 [8]	10	Gd-155(n,2np)Eu-153	TALYS-6a	0 [8]	31
Gd-153(n,3nt)Eu-148	TALYS-6a	0 [8]	16	Gd-155(n,3np)Eu-152g	TALYS-6a	0 [4]	23
Gd-153(n,4nt)Eu-147	TALYS-6a	0 [8]	13	Gd-155(n,3np)Eu-152m	TALYS-6a	0 [4,7,8]	22
Gd-153(n,5nt)Eu-146	TALYS-6a	0 [8]	9	Gd-155(n,3np)Eu-152n	TALYS-6a	0 [4,7,8]	22
Gd-153(n,2nh)Sm-149	TALYS-6a	0 [8]	23	Gd-155(n,n'2p)Sm-153	TALYS-6a	0 [8]	28
Gd-153(n,3nh)Sm-148	TALYS-6a	0 [8]	17	Gd-155(n,n'pa)Pm-150	TALYS-6a	0 [8]	28
Gd-153(n,4nh)Sm-147	TALYS-6a	0 [8]	13	Gd-155(n,g)Gd-156	JEF-2.2	4 [9,2,7]	9601
Gd-153(n,3n2p)Sm-149	TALYS-6a	0 [8]	16	Gd-155(n,p)Eu-155	TALYS-6a	0 [2]	100
Gd-153(n,3n2a)Nd-143	TALYS-6a	0 [8]	26	Gd-155(n,d)Eu-154g	TALYS-6a	0 [4,8]	50
Gd-153(n,3npa)Pm-146	TALYS-6a	0 [8]	20	Gd-155(n,d)Eu-154m	TALYS-6a	0 [4,7,8,8]	49
Gd-153(n,n'pd)Sm-150	TALYS-6a	0 [8]	25	Gd-155(n,t)Eu-153	TALYS-6a	0 [8]	47
Gd-153(n,n'pt)Sm-149	TALYS-6a	0 [8]	23	Gd-155(n,h)Sm-153	TALYS-6a	0 [8]	37
Gd-153(n,n'dt)Sm-148	TALYS-6a	0 [8]	17	Gd-155(n,a)Sm-152	JENDL-3.2	2 [13]	1099
Gd-153(n,n'ta)Pm-146	TALYS-6a	0 [8]	27	Gd-155(n,2p)Sm-154	TALYS-6a	0 [8]	41
Gd-153(n,2n2p)Sm-150	TALYS-6a	0 [8]	24	Gd-155(n,pa)Pm-151	TALYS-6a	0 [8]	45
Gd-153(n,4n2p)Sm-148	TALYS-6a	0 [8]	13	Gd-155(n,pd)Sm-153	TALYS-6a	0 [8]	29
Gd-153(n,4n2a)Nd-142	TALYS-6a	0 [8]	20	Gd-155(n,5n)Gd-151	TALYS-6a	0	16
Gd-153(n,4npa)Pm-145	TALYS-6a	0 [8]	15	Gd-155(n,6n)Gd-150	TALYS-6a	0	13
Gd-153(n,5n2p)Sm-147	TALYS-6a	0 [8]	9	Gd-155(n,2nt)Eu-151	TALYS-6a	0 [8]	24
Gd-154(n,2nd)Eu-151	TALYS-6a	0 [8]	25	Gd-155(n,4np)Eu-151	TALYS-6a	0	17
Gd-154(n,2n)Gd-153	ADL-3	2 [13]	45	Gd-155(n,3nd)Eu-151	TALYS-6a	0 [8]	18
Gd-154(n,3n)Gd-152	TALYS-6a	0	31	Gd-155(n,n'da)Pm-149	TALYS-6a	0 [8]	26
Gd-154(n,n'a)Sm-150	TALYS-6a	0	100	Gd-155(n,2npa)Pm-149	TALYS-6a	0 [8]	25
Gd-154(n,2na)Sm-149	TALYS-6a	0 [8]	39	Gd-155(n,7n)Gd-149	TALYS-6a	0	9
Gd-154(n,3na)Sm-148	TALYS-6a	0 [8]	29	Gd-155(n,5np)Eu-150g	TALYS-6a	0	13
Gd-154(n,n'p)Eu-153	TALYS-6a	0 [8]	44	Gd-155(n,5np)Eu-150m	TALYS-6a	0	13
Gd-154(n,n'2a)Nd-146	TALYS-6a	0	100	Gd-155(n,6np)Eu-149	TALYS-6a	0 [8]	9
Gd-154(n,2n2a)Nd-145	TALYS-6a	0 [8]	30	Gd-155(n,4na)Sm-148	TALYS-6a	0 [8]	23
Gd-154(n,n'd)Eu-152g	TALYS-6a	0 [4]	31	Gd-155(n,5na)Sm-147	TALYS-6a	0 [8]	16
Gd-154(n,n'd)Eu-152m	TALYS-6a	0 [4,7,8]	30	Gd-155(n,6na)Sm-146	TALYS-6a	0 [8]	12
Gd-154(n,n'd)Eu-152n	TALYS-6a	0 [4,7,8]	30	Gd-155(n,7na)Sm-145	TALYS-6a	0 [8]	8
Gd-154(n,n't)Eu-151	TALYS-6a	0 [8]	30	Gd-155(n,4nd)Eu-150g	TALYS-6a	0	13
Gd-154(n,n'h)Sm-151	TALYS-6a	0 [8]	27	Gd-155(n,4nd)Eu-150m	TALYS-6a	0	13
Gd-154(n,4n)Gd-151	TALYS-6a	0	23	Gd-155(n,5nd)Eu-149	TALYS-6a	0 [8]	10
Gd-154(n,2np)Eu-152g	TALYS-6a	0 [4]	29	Gd-155(n,6nd)Eu-148	TALYS-6a	0 [8]	6
Gd-154(n,2np)Eu-152m	TALYS-6a	0 [4,7,8]	28	Gd-155(n,3nt)Eu-150g	TALYS-6a	0	16
Gd-154(n,2np)Eu-152n	TALYS-6a	0 [4,7,8]	28	Gd-155(n,3nt)Eu-150m	TALYS-6a	0	16
Gd-154(n,3np)Eu-151	TALYS-6a	0 [8]	23	Gd-155(n,4nt)Eu-149	TALYS-6a	0 [8]	13
Gd-154(n,n'2p)Sm-152	TALYS-6a	0 [8]	29	Gd-155(n,5nt)Eu-148	TALYS-6a	0 [8]	9
Gd-154(n,n'pa)Pm-149	TALYS-6a	0 [8]	31	Gd-155(n,2nh)Sm-151	TALYS-6a	0 [8]	21
>Gd-154(n,g)Gd-155	JEF-2.2	4 [13]	4166	Gd-155(n,3nh)Sm-150	TALYS-6a	0 [8]	16
Gd-154(n,p)Eu-154g	TALYS-6a	0 [4,2,8]	75	Gd-155(n,4nh)Sm-149	TALYS-6a	0 [8]	12
Gd-154(n,p)Eu-154m	TALYS-6a	0 [4,7,8,2,8]	74	Gd-155(n,3n2p)Sm-151	TALYS-6a	0 [8]	15
Gd-154(n,d)Eu-153	TALYS-6a	0 [8]	50	Gd-155(n,3n2a)Nd-145	TALYS-6a	0 [8]	23
Gd-154(n,t)Eu-152g	TALYS-6a	0 [4]	42	Gd-155(n,3npa)Pm-148g	TALYS-6a	0	17
Gd-154(n,t)Eu-152m	TALYS-6a	0 [4,7,8]	40	Gd-155(n,3npa)Pm-148m	TALYS-6a	0	17
Gd-154(n,t)Eu-152n	TALYS-6a	0 [4,7,8]	41	Gd-155(n,n'pd)Sm-152	TALYS-6a	0 [8]	23
Gd-154(n,h)Sm-152	TALYS-6a	0 [8]	40	Gd-155(n,n'pt)Sm-151	TALYS-6a	0 [8]	21
Gd-154(n,a)Sm-151	TALYS-5	2 [9,3,3]	4261	Gd-155(n,n'dt)Sm-150	TALYS-6a	0 [8]	16
Gd-154(n,2p)Sm-153	TALYS-6a	0 [8]	37	Gd-155(n,n'ta)Pm-148g	TALYS-6a	0	24
Gd-154(n,pd)Sm-152	TALYS-6a	0 [8]	30	Gd-155(n,n'ta)Pm-148m	TALYS-6a	0	24
Gd-154(n,da)Pm-149	TALYS-6a	0 [8]	33	Gd-155(n,2n2p)Sm-152	TALYS-6a	0 [8]	22
Gd-154(n,5n)Gd-150	TALYS-6a	0	16	Gd-155(n,4n2p)Sm-150	TALYS-6a	0 [8]	12
Gd-154(n,6n)Gd-149	TALYS-6a	0	12	Gd-155(n,4n2a)Nd-144	TALYS-6a	0 [8]	17
Gd-154(n,2nt)Eu-150g	TALYS-6a	0	22	Gd-155(n,4npa)Pm-147	TALYS-6a	0 [8]	14
Gd-154(n,2nt)Eu-150m	TALYS-6a	0	22	Gd-155(n,5n2p)Sm-149	TALYS-6a	0 [8]	8
Gd-154(n,4np)Eu-150g	TALYS-6a	0	16	Gd-156(n,2nd)Eu-153	TALYS-6a	0 [8]	24
Gd-154(n,4np)Eu-150m	TALYS-6a	0	16	Gd-156(n,2n)Gd-155	JENDL-3.2	4 [13,3]	40
Gd-154(n,3nd)Eu-150g	TALYS-6a	0	17	Gd-156(n,3n)Gd-154	TALYS-6a	0	31
Gd-154(n,3nd)Eu-150m	TALYS-6a	0	17	Gd-156(n,n'a)Sm-152	TALYS-6a	0 [8]	64
Gd-154(n,n'da)Pm-148g	TALYS-6a	0	25	Gd-156(n,2na)Sm-151	TALYS-6a	0 [8]	36
Gd-154(n,n'da)Pm-148m	TALYS-6a	0	25	Gd-156(n,3na)Sm-150	TALYS-6a	0 [8]	28
Gd-154(n,2npa)Pm-148g	TALYS-6a	0	24	Gd-156(n,n'p)Eu-155	TALYS-6a	0 [8]	43

Reaction	Library			
Gd-156(n,n'2a)Nd-148	TALYS-6a	0		100
Gd-156(n,2n2a)Nd-147	TALYS-6a	0		26
Gd-156(n,n'd)Eu-154g	TALYS-6a	0	[4,8]	31
Gd-156(n,n'd)Eu-154m	TALYS-6a	0	[4,7,8,8]	30
Gd-156(n,n't)Eu-153	TALYS-6a	0	[8]	30
Gd-156(n,n'h)Sm-153	TALYS-6a	0	[8]	26
Gd-156(n,4n)Gd-153	TALYS-6a	0		22
Gd-156(n,2np)Eu-154g	TALYS-6a	0	[4,8]	29
Gd-156(n,2np)Eu-154m	TALYS-6a	0	[4,7,8,8]	28
Gd-156(n,3np)Eu-153	TALYS-6a	0	[8]	23
Gd-156(n,n'2p)Sm-154	TALYS-6a	0	[8]	27
Gd-156(n,n'pa)Pm-151	TALYS-6a	0	[8]	29
>Gd-156(n,g)Gd-157	JEF-2.2	4	[14,13]	8920
Gd-156(n,p)Eu-156	ADL-3	2	[13]	44
Gd-156(n,d)Eu-155	TALYS-6a	0	[8]	48
Gd-156(n,t)Eu-154g	TALYS-6a	0	[4,8]	42
Gd-156(n,t)Eu-154m	TALYS-6a	0	[4,7,8,8]	41
Gd-156(n,h)Sm-154	TALYS-6a	0	[8]	37
Gd-156(n,a)Sm-153	TALYS-5	2	[9,3]	8919
Gd-156(n,2p)Sm-155	TALYS-6a	0	[8]	35
Gd-156(n,pd)Sm-154	TALYS-6a	0	[8]	28
Gd-156(n,5n)Gd-152	TALYS-6a	0		16
Gd-156(n,6n)Gd-151	TALYS-6a	0		12
Gd-156(n,2nt)Eu-152g	TALYS-6a	0	[4]	21
Gd-156(n,2nt)Eu-152m	TALYS-6a	0	[4,7,8]	20
Gd-156(n,2nt)Eu-152n	TALYS-6a	0	[4,7,8]	20
Gd-156(n,4np)Eu-152g	TALYS-6a	0	[4]	15
Gd-156(n,4np)Eu-152m	TALYS-6a	0	[4,7,8]	14
Gd-156(n,4np)Eu-152n	TALYS-6a	0	[4,7,8]	14
Gd-156(n,3nd)Eu-152g	TALYS-6a	0	[4]	16
Gd-156(n,3nd)Eu-152m	TALYS-6a	0	[4,7,8]	15
Gd-156(n,3nd)Eu-152n	TALYS-6a	0	[4,7,8]	15
Gd-156(n,n'da)Pm-150	TALYS-6a	0	[8]	23
Gd-156(n,2npa)Pm-150	TALYS-6a	0	[8]	21
Gd-156(n,7n)Gd-150	TALYS-6a	0		9
Gd-156(n,5np)Eu-151	TALYS-6a	0	[8]	12
Gd-156(n,6np)Eu-150g	TALYS-6a	0		8
Gd-156(n,6np)Eu-150m	TALYS-6a	0		8
Gd-156(n,7np)Eu-149	TALYS-6a	0		5
Gd-156(n,4na)Sm-149	TALYS-6a	0	[8]	20
Gd-156(n,5na)Sm-148	TALYS-6a	0	[8]	15
Gd-156(n,6na)Sm-147	TALYS-6a	0	[8]	11
Gd-156(n,7na)Sm-146	TALYS-6a	0	[8]	8
Gd-156(n,4nd)Eu-151	TALYS-6a	0	[8]	13
Gd-156(n,5nd)Eu-150g	TALYS-6a	0		9
Gd-156(n,5nd)Eu-150m	TALYS-6a	0		9
Gd-156(n,6nd)Eu-149	TALYS-6a	0	[8]	6
Gd-156(n,3nt)Eu-151	TALYS-6a	0	[8]	16
Gd-156(n,4nt)Eu-150g	TALYS-6a	0		12
Gd-156(n,4nt)Eu-150m	TALYS-6a	0		12
Gd-156(n,5nt)Eu-149	TALYS-6a	0	[8]	8
Gd-156(n,2nh)Sm-152	TALYS-6a	0	[8]	21
Gd-156(n,3nh)Sm-151	TALYS-6a	0	[8]	15
Gd-156(n,4nh)Sm-150	TALYS-6a	0	[8]	12
Gd-156(n,3n2p)Sm-152	TALYS-6a	0	[8]	15
Gd-156(n,3n2a)Nd-146	TALYS-6a	0	[8]	21
Gd-156(n,3npa)Pm-149	TALYS-6a	0	[8]	16
Gd-156(n,n'pd)Sm-153	TALYS-6a	0	[8]	21
Gd-156(n,n'pt)Sm-152	TALYS-6a	0	[8]	21
Gd-156(n,n'ta)Pm-149	TALYS-6a	0	[8]	23
Gd-156(n,2n2p)Sm-153	TALYS-6a	0	[8]	19
Gd-156(n,4n2p)Sm-151	TALYS-6a	0	[8]	11
Gd-156(n,4n2a)Nd-145	TALYS-6a	0	[8]	15
Gd-156(n,4npa)Pm-148g	TALYS-6a	0		12
Gd-156(n,4npa)Pm-148m	TALYS-6a	0		12
Gd-156(n,5n2p)Sm-150	TALYS-6a	0	[8]	8
Gd-157(n,2nd)Eu-154g	TALYS-6a	0	[4,8]	24
Gd-157(n,2nd)Eu-154m	TALYS-6a	0	[4,7,8,8]	23
Gd-157(n,2n)Gd-156	JENDL-3.2	4	[13]	42
Gd-157(n,3n)Gd-155	TALYS-6a	0		32
Gd-157(n,n'a)Sm-153	TALYS-6a	0	[8]	62
Gd-157(n,2na)Sm-152	TALYS-6a	0	[8]	40
Gd-157(n,3na)Sm-151	TALYS-6a	0	[8]	27
Gd-157(n,n'p)Eu-156	TALYS-6a	0	[8]	43
Gd-157(n,2n2a)Nd-148	TALYS-6a	0	[8]	27
Gd-157(n,n'd)Eu-155	TALYS-6a	0	[8]	34
Gd-157(n,n't)Eu-154g	TALYS-6a	0	[4,8]	30
Gd-157(n,n't)Eu-154m	TALYS-6a	0	[4,7,8,8]	29
Gd-157(n,n'h)Sm-154	TALYS-6a	0	[8]	28
Gd-157(n,4n)Gd-154	TALYS-6a	0		25
Gd-157(n,2np)Eu-155	TALYS-6a	0	[8]	31
Gd-157(n,3np)Eu-154g	TALYS-6a	0	[4,8]	23
Gd-157(n,3np)Eu-154m	TALYS-6a	0	[4,7,8,8]	22
Gd-157(n,n'2p)Sm-155	TALYS-6a	0	[8]	26
Gd-157(n,n'pa)Pm-152g	TALYS-6a	0	[4]	28
Gd-157(n,n'pa)Pm-152m	TALYS-6a	0	[4,7,8]	27
Gd-157(n,n'pa)Pm-152n	TALYS-6a	0	[4,7,8]	27
>Gd-157(n,g)Gd-158	JEF-2.2	4	[13]	6466
Gd-157(n,p)Eu-157	JENDL-3.2	2	[13]	547
Gd-157(n,d)Eu-156	TALYS-6a	0	[8]	47
Gd-157(n,t)Eu-155	TALYS-6a	0	[8]	45
Gd-157(n,h)Sm-155	TALYS-6a	0	[8]	35
Gd-157(n,a)Sm-154	JENDL-3.2	2	[13]	1293
Gd-157(n,2p)Sm-156	TALYS-6a	0	[8]	36
Gd-157(n,pd)Sm-155	TALYS-6a	0	[8]	28
Gd-157(n,5n)Gd-153	TALYS-6a	0		16
Gd-157(n,6n)Gd-152	TALYS-6a	0		13
Gd-157(n,2nt)Eu-153	TALYS-6a	0	[8]	24
Gd-157(n,4np)Eu-153	TALYS-6a	0	[8]	16
Gd-157(n,3nd)Eu-153	TALYS-6a	0	[8]	18
Gd-157(n,n'da)Pm-151	TALYS-6a	0	[8]	24
Gd-157(n,2npa)Pm-151	TALYS-6a	0	[8]	23
Gd-157(n,7n)Gd-151	TALYS-6a	0		9
Gd-157(n,8n)Gd-150	TALYS-6a	0		6
Gd-157(n,5np)Eu-152g	TALYS-6a	0	[4]	12
Gd-157(n,5np)Eu-152m	TALYS-6a	0	[4,7,8]	11
Gd-157(n,5np)Eu-152n	TALYS-6a	0	[4,7,8]	11
Gd-157(n,6np)Eu-151	TALYS-6a	0		9
Gd-157(n,7np)Eu-150g	TALYS-6a	0		5
Gd-157(n,7np)Eu-150m	TALYS-6a	0		5
Gd-157(n,4na)Sm-150	TALYS-6a	0	[8]	22
Gd-157(n,5na)Sm-149	TALYS-6a	0	[8]	15
Gd-157(n,6na)Sm-148	TALYS-6a	0	[8]	12
Gd-157(n,7na)Sm-147	TALYS-6a	0	[8]	8
Gd-157(n,4nd)Eu-152g	TALYS-6a	0	[4]	13
Gd-157(n,4nd)Eu-152m	TALYS-6a	0	[4,7,8]	12
Gd-157(n,4nd)Eu-152n	TALYS-6a	0	[4,7,8]	12
Gd-157(n,5nd)Eu-151	TALYS-6a	0	[8]	10
Gd-157(n,6nd)Eu-150g	TALYS-6a	0		6
Gd-157(n,6nd)Eu-150m	TALYS-6a	0		6
Gd-157(n,3nt)Eu-152g	TALYS-6a	0	[4]	16
Gd-157(n,3nt)Eu-152m	TALYS-6a	0	[4,7,8]	15
Gd-157(n,3nt)Eu-152n	TALYS-6a	0	[4,7,8]	15
Gd-157(n,4nt)Eu-151	TALYS-6a	0	[8]	13
Gd-157(n,5nt)Eu-150g	TALYS-6a	0		8
Gd-157(n,5nt)Eu-150m	TALYS-6a	0		8
Gd-157(n,6nt)Eu-149	TALYS-6a	0	[8]	5
Gd-157(n,2nh)Sm-153	TALYS-6a	0	[8]	21
Gd-157(n,3nh)Sm-152	TALYS-6a	0	[8]	16
Gd-157(n,4nh)Sm-151	TALYS-6a	0	[8]	12
Gd-157(n,3n2p)Sm-153	TALYS-6a	0	[8]	15
Gd-157(n,3n2a)Nd-147	TALYS-6a	0	[8]	19
Gd-157(n,3npa)Pm-150	TALYS-6a	0	[8]	16
Gd-157(n,n'pd)Sm-154	TALYS-6a	0	[8]	22
Gd-157(n,n'pt)Sm-153	TALYS-6a	0	[8]	20
Gd-157(n,n'dt)Sm-152	TALYS-6a	0	[8]	15
Gd-157(n,n'ta)Pm-150	TALYS-6a	0	[8]	19
Gd-157(n,2n2p)Sm-154	TALYS-6a	0	[8]	21
Gd-157(n,4n2p)Sm-152	TALYS-6a	0	[8]	12
Gd-157(n,4n2a)Nd-146	TALYS-6a	0	[8]	15
Gd-157(n,4npa)Pm-149	TALYS-6a	0	[8]	13
Gd-157(n,5n2p)Sm-151	TALYS-6a	0	[8]	8
Gd-158(n,2nd)Eu-155	TALYS-6a	0	[8]	25
Gd-158(n,2n)Gd-157	JENDL-3.2	4	[13]	41
Gd-158(n,3n)Gd-156	TALYS-6a	0		33
Gd-158(n,n'a)Sm-154	TALYS-6a	0	[8]	62
Gd-158(n,2na)Sm-153	TALYS-6a	0	[8]	36
Gd-158(n,3na)Sm-152	TALYS-6a	0	[8]	28
Gd-158(n,n'p)Eu-157	TALYS-6a	0	[8]	42
Gd-158(n,2n2a)Nd-149	TALYS-6a	0	[8]	23
Gd-158(n,n'd)Eu-156	TALYS-6a	0	[8]	31
Gd-158(n,n't)Eu-155	TALYS-6a	0	[8]	31
Gd-158(n,n'h)Sm-155	TALYS-6a	0	[8]	26
Gd-158(n,4n)Gd-155	TALYS-6a	0		24
Gd-158(n,2np)Eu-156	TALYS-6a	0	[8]	29
Gd-158(n,3np)Eu-155	TALYS-6a	0	[8]	23
Gd-158(n,n'2p)Sm-156	TALYS-6a	0	[8]	25
Gd-158(n,n'pa)Pm-153	TALYS-6a	0	[8,7,8]	28
Gd-158(n,g)Gd-159	JEF-2.2	4	[13]	16074
Gd-158(n,p)Eu-158	JEF-2.2	6	[13]	90
Gd-158(n,d)Eu-157	TALYS-6a	0	[8]	46
Gd-158(n,t)Eu-156	TALYS-6a	0	[8]	42
Gd-158(n,h)Sm-156	TALYS-6a	0	[8]	35
Gd-158(n,a)Sm-155	TALYS-5	5	[9,3,3]	16011
Gd-158(n,2p)Sm-157	TALYS-6a	0	[8,7,8]	31
Gd-158(n,pd)Sm-156	TALYS-6a	0	[8]	27
Gd-158(n,5n)Gd-154	TALYS-6a	0		17
Gd-158(n,6n)Gd-153	TALYS-6a	0		12
Gd-158(n,2nt)Eu-154g	TALYS-6a	0	[4,8]	22
Gd-158(n,2nt)Eu-154m	TALYS-6a	0	[4,7,8,8]	21
Gd-158(n,4np)Eu-154g	TALYS-6a	0	[4]	16
Gd-158(n,4np)Eu-154m	TALYS-6a	0	[4,7,8]	15
Gd-158(n,3nd)Eu-154g	TALYS-6a	0	[4,8]	16
Gd-158(n,3nd)Eu-154m	TALYS-6a	0	[4,7,8,8]	15
Gd-158(n,n'da)Pm-152g	TALYS-6a	0	[4]	21
Gd-158(n,n'da)Pm-152m	TALYS-6a	0	[4,7,8]	20
Gd-158(n,n'da)Pm-152n	TALYS-6a	0	[4,7,8]	20
Gd-158(n,2npa)Pm-152g	TALYS-6a	0	[4]	20
Gd-158(n,2npa)Pm-152m	TALYS-6a	0	[4,7,8]	19
Gd-158(n,2npa)Pm-152n	TALYS-6a	0	[4,7,8]	19
Gd-158(n,7n)Gd-152	TALYS-6a	0		9
Gd-158(n,8n)Gd-151	TALYS-6a	0		5
Gd-158(n,5np)Eu-153	TALYS-6a	0		13
Gd-158(n,6np)Eu-152g	TALYS-6a	0	[4]	8
Gd-158(n,6np)Eu-152m	TALYS-6a	0	[4,7,8]	7
Gd-158(n,6np)Eu-152n	TALYS-6a	0	[4,7,8]	7
Gd-158(n,7np)Eu-151	TALYS-6a	0		5
Gd-158(n,4na)Sm-151	TALYS-6a	0	[8]	19
Gd-158(n,5na)Sm-150	TALYS-6a	0	[8]	15
Gd-158(n,6na)Sm-149	TALYS-6a	0	[8]	11
Gd-158(n,7na)Sm-148	TALYS-6a	0	[8]	8
Gd-158(n,4nd)Eu-153	TALYS-6a	0	[8]	13
Gd-158(n,5nd)Eu-152g	TALYS-6a	0	[4]	9
Gd-158(n,5nd)Eu-152m	TALYS-6a	0	[4,7,8]	8
Gd-158(n,5nd)Eu-152n	TALYS-6a	0	[4,7,8]	8
Gd-158(n,6nd)Eu-151	TALYS-6a	0	[8]	6
Gd-158(n,3nt)Eu-153	TALYS-6a	0	[8]	16
Gd-158(n,4nt)Eu-152g	TALYS-6a	0	[4]	12
Gd-158(n,4nt)Eu-152m	TALYS-6a	0	[4,7,8]	11
Gd-158(n,4nt)Eu-152n	TALYS-6a	0	[4,7,8]	11
Gd-158(n,5nt)Eu-151	TALYS-6a	0	[8]	8
Gd-158(n,6nt)Eu-150g	TALYS-6a	0		5
Gd-158(n,6nt)Eu-150m	TALYS-6a	0		5
Gd-158(n,2nh)Sm-154	TALYS-6a	0	[8]	20
Gd-158(n,3nh)Sm-153	TALYS-6a	0	[8]	15
Gd-158(n,4nh)Sm-152	TALYS-6a	0	[8]	12
Gd-158(n,3n2p)Sm-154	TALYS-6a	0	[8]	14
Gd-158(n,3n2a)Nd-148	TALYS-6a	0	[8]	18
Gd-158(n,3npa)Pm-151	TALYS-6a	0	[8]	15
Gd-158(n,n'pd)Sm-155	TALYS-6a	0	[8]	20
Gd-158(n,n'pt)Sm-154	TALYS-6a	0	[8]	20
Gd-158(n,n'ta)Pm-151	TALYS-6a	0	[8]	21
Gd-158(n,2n2p)Sm-155	TALYS-6a	0	[8]	18
Gd-158(n,4n2p)Sm-153	TALYS-6a	0	[8]	11
Gd-158(n,4n2a)Nd-147	TALYS-6a	0	[8]	14
Gd-158(n,4npa)Pm-150	TALYS-6a	0	[8]	11

Reaction	Library		Refs	Value
Gd-159(n,2nd)Eu-156	TALYS-6a	0	[8]	25
Gd-159(n,2n)Gd-158	TALYS-6a	0		56
Gd-159(n,3n)Gd-157	TALYS-6a	0		34
Gd-159(n,n'a)Sm-155	TALYS-6a	0	[8]	61
Gd-159(n,2na)Sm-154	TALYS-6a	0	[8]	40
Gd-159(n,3na)Sm-153	TALYS-6a	0	[8]	28
Gd-159(n,n'p)Eu-158	TALYS-6a	0	[8]	42
Gd-159(n,2n2a)Nd-150	TALYS-6a	0	[8]	24
Gd-159(n,n'd)Eu-157	TALYS-6a	0	[8]	33
Gd-159(n,n't)Eu-156	TALYS-6a	0	[8]	31
Gd-159(n,n'h)Sm-156	TALYS-6a	0	[8]	27
Gd-159(n,4n)Gd-156	TALYS-6a	0		26
Gd-159(n,2np)Eu-157	TALYS-6a	0	[8]	31
Gd-159(n,3np)Eu-156	TALYS-6a	0		24
Gd-159(n,n'2p)Sm-157	TALYS-6a	0	[8,7,8]	25
Gd-159(n,n'pa)Pm-154g	TALYS-6a	0	[4,8,7,8]	25
Gd-159(n,n'pa)Pm-154m	TALYS-6a	0	[4,7,8,8]	24
Gd-159(n,g)Gd-160	MASGAM	0	[14,13]	83
Gd-159(n,p)Eu-159	TALYS-6a	0	[2,8]	72
Gd-159(n,d)Eu-158	TALYS-6a	0	[8]	45
Gd-159(n,t)Eu-157	TALYS-6a	0	[8]	45
Gd-159(n,h)Sm-157	TALYS-6a	0	[8,7,8]	34
Gd-159(n,a)Sm-156	TALYS-6a	0	[2]	100
Gd-159(n,2p)Sm-158	TALYS-6a	0	[8,7,8]	31
Gd-159(n,pd)Sm-157	TALYS-6a	0	[8,7,8]	26
Gd-159(n,5n)Gd-155	TALYS-6a	0		18
Gd-159(n,6n)Gd-154	TALYS-6a	0		14
Gd-159(n,2nt)Eu-155	TALYS-6a	0	[8]	24
Gd-159(n,4np)Eu-155	TALYS-6a	0	[8]	17
Gd-159(n,3nd)Eu-155	TALYS-6a	0	[8]	19
Gd-159(n,n'da)Pm-153	TALYS-6a	0	[8,7,8]	23
Gd-159(n,2npa)Pm-153	TALYS-6a	0	[8,7,8]	22
Gd-159(n,7n)Gd-153	TALYS-6a	0		9
Gd-159(n,8n)Gd-152	TALYS-6a	0		6
Gd-159(n,5np)Eu-154g	TALYS-6a	0	[4]	13
Gd-159(n,5np)Eu-154m	TALYS-6a	0	[4,7,8]	12
Gd-159(n,6np)Eu-153	TALYS-6a	0		10
Gd-159(n,7np)Eu-152g	TALYS-6a	0	[4]	5
Gd-159(n,7np)Eu-152m	TALYS-6a	0	[4,7,8]	4
Gd-159(n,7np)Eu-152n	TALYS-6a	0	[4,7,8]	4
Gd-159(n,4na)Sm-152	TALYS-6a	0	[8]	22
Gd-159(n,5na)Sm-151	TALYS-6a	0	[8]	15
Gd-159(n,6na)Sm-150	TALYS-6a	0	[8]	12
Gd-159(n,7na)Sm-149	TALYS-6a	0	[8]	8
Gd-159(n,4nd)Eu-154g	TALYS-6a	0	[4]	14
Gd-159(n,4nd)Eu-154m	TALYS-6a	0	[4,7,8]	13
Gd-159(n,5nd)Eu-153	TALYS-6a	0	[8]	10
Gd-159(n,6nd)Eu-152g	TALYS-6a	0	[4]	6
Gd-159(n,6nd)Eu-152m	TALYS-6a	0	[4,7,8]	5
Gd-159(n,6nd)Eu-152n	TALYS-6a	0	[4,7,8]	5
Gd-159(n,3nt)Eu-154g	TALYS-6a	0	[4,8]	16
Gd-159(n,3nt)Eu-154m	TALYS-6a	0	[4,7,8,8]	15
Gd-159(n,4nt)Eu-153	TALYS-6a	0	[8]	13
Gd-159(n,5nt)Eu-152g	TALYS-6a	0	[4]	9
Gd-159(n,5nt)Eu-152m	TALYS-6a	0	[4,7,8]	8
Gd-159(n,5nt)Eu-152n	TALYS-6a	0	[4,7,8]	8
Gd-159(n,6nt)Eu-151	TALYS-6a	0	[8]	5
Gd-159(n,2nh)Sm-155	TALYS-6a	0	[8]	20
Gd-159(n,3nh)Sm-154	TALYS-6a	0	[8]	15
Gd-159(n,4nh)Sm-153	TALYS-6a	0	[8]	12
Gd-159(n,3n2p)Sm-155	TALYS-6a	0	[8]	14
Gd-159(n,3n2a)Nd-149	TALYS-6a	0	[8]	16
Gd-159(n,3npa)Pm-152g	TALYS-6a	0	[4]	15
Gd-159(n,3npa)Pm-152m	TALYS-6a	0	[4,7,8]	14
Gd-159(n,3npa)Pm-152n	TALYS-6a	0	[4,7,8]	14
Gd-159(n,n'pd)Sm-156	TALYS-6a	0	[8]	21
Gd-159(n,2n2p)Sm-156	TALYS-6a	0	[8]	19
Gd-159(n,4n2p)Sm-154	TALYS-6a	0	[8]	12
Gd-159(n,4n2a)Nd-148	TALYS-6a	0	[8]	14
Gd-159(n,4npa)Pm-151	TALYS-6a	0	[8]	12
Gd-160(n,2nd)Eu-157	TALYS-6a	0	[8]	25
Gd-160(n,2n)Gd-159	JENDL-3.2/A	5	[13,8]	46
Gd-160(n,3n)Gd-158	ADL-3	2	[13]	33
Gd-160(n,n'a)Sm-156	TALYS-6a	0	[8]	60
Gd-160(n,2na)Sm-155	TALYS-6a	0	[8]	37
Gd-160(n,3na)Sm-154	TALYS-6a	0	[8]	28
Gd-160(n,n'p)Eu-159	TALYS-6a	0	[8]	41
Gd-160(n,2n2a)Nd-151	TALYS-6a	0	[8]	20
Gd-160(n,n'd)Eu-158	TALYS-6a	0	[8]	31
Gd-160(n,n't)Eu-157	TALYS-6a	0	[8]	31
Gd-160(n,n'h)Sm-157	TALYS-6a	0	[8,7,8]	25
Gd-160(n,4n)Gd-157	TALYS-6a	0		25
Gd-160(n,2np)Eu-158	TALYS-6a	0	[8]	29
Gd-160(n,3np)Eu-157	TALYS-6a	0		24
Gd-160(n,n'2p)Sm-158	TALYS-6a	0	[8,7,8]	24
Gd-160(n,n'pa)Pm-155	TALYS-6a	0	[8,7,8]	27
Gd-160(n,g)Gd-161	JEF-2.2	6	[13,13,4]	5212
Gd-160(n,p)Eu-160	JENDL-3.3	5	[13]	1412
Gd-160(n,d)Eu-159	TALYS-6a	0	[8]	44
Gd-160(n,t)Eu-158	TALYS-6a	0	[8]	42
Gd-160(n,h)Sm-158	TALYS-6a	0	[8,7,8]	32
Gd-160(n,a)Sm-157	TALYS-5	2	[9,3,3]	5248
Gd-160(n,2p)Sm-159	TALYS-6a	0	[8]	29
Gd-160(n,pd)Sm-158	TALYS-6a	0	[8,7,8]	25
Gd-160(n,5n)Gd-156	TALYS-6a	0		19
Gd-160(n,6n)Gd-155	TALYS-6a	0		13
Gd-160(n,2nt)Eu-156	TALYS-6a	0	[8]	23
Gd-160(n,4np)Eu-156	TALYS-6a	0	[8]	16
Gd-160(n,3nd)Eu-156	TALYS-6a	0	[8]	18
Gd-160(n,2npa)Pm-154g	TALYS-6a	0	[4,8,7,8]	20
Gd-160(n,2npa)Pm-154m	TALYS-6a	0	[4,7,8,8]	19
Gd-160(n,7n)Gd-154	TALYS-6a	0		10
Gd-160(n,8n)Gd-153	TALYS-6a	0		6
Gd-160(n,5np)Eu-155	TALYS-6a	0	[8]	13
Gd-160(n,6np)Eu-154g	TALYS-6a	0	[4]	9
Gd-160(n,6np)Eu-154m	TALYS-6a	0	[4,7,8]	8
Gd-160(n,7np)Eu-153	TALYS-6a	0		6
Gd-160(n,4na)Sm-153	TALYS-6a	0	[8]	20
Gd-160(n,5na)Sm-152	TALYS-6a	0	[8]	15
Gd-160(n,6na)Sm-151	TALYS-6a	0	[8]	11
Gd-160(n,7na)Sm-150	TALYS-6a	0	[8]	8
Gd-160(n,4nd)Eu-155	TALYS-6a	0	[8]	14
Gd-160(n,5nd)Eu-154g	TALYS-6a	0	[4,8]	10
Gd-160(n,5nd)Eu-154m	TALYS-6a	0	[4,7,8,8]	8
Gd-160(n,6nd)Eu-153	TALYS-6a	0	[8]	6
Gd-160(n,3nt)Eu-155	TALYS-6a	0	[8]	17
Gd-160(n,4nt)Eu-154g	TALYS-6a	0	[4,8]	13
Gd-160(n,4nt)Eu-154m	TALYS-6a	0	[4,7,8,8]	12
Gd-160(n,5nt)Eu-153	TALYS-6a	0	[8]	9
Gd-160(n,6nt)Eu-152g	TALYS-6a	0	[4]	5
Gd-160(n,6nt)Eu-152m	TALYS-6a	0	[4,7,8]	4
Gd-160(n,6nt)Eu-152n	TALYS-6a	0	[4,7,8]	4
Gd-160(n,2nh)Sm-156	TALYS-6a	0	[8]	20
Gd-160(n,3nh)Sm-155	TALYS-6a	0	[8]	15
Gd-160(n,4nh)Sm-154	TALYS-6a	0	[8]	12
Gd-160(n,3n2p)Sm-156	TALYS-6a	0	[8]	14
Gd-160(n,3n2a)Nd-150	TALYS-6a	0	[8]	16
Gd-160(n,3npa)Pm-153	TALYS-6a	0	[8,7,8]	15
Gd-160(n,n'pd)Sm-157	TALYS-6a	0	[8,7,8]	19
Gd-160(n,n'ta)Pm-153	TALYS-6a	0	[8,7,8]	21
Gd-160(n,2n2p)Sm-157	TALYS-6a	0	[8,7,8]	17
Gd-160(n,4n2p)Sm-155	TALYS-6a	0	[8]	11
Gd-160(n,4n2a)Nd-149	TALYS-6a	0	[8]	12
Gd-160(n,4npa)Pm-152g	TALYS-6a	0	[4]	11
Gd-160(n,4npa)Pm-152m	TALYS-6a	0	[4,7,8]	10
Gd-160(n,4npa)Pm-152n	TALYS-6a	0	[4,7,8]	10
Tb-151(n,n')Tb-151m	TALYS-6a	0		89
Tb-151(n,2nd)Gd-148	TALYS-6a	0	[8]	28
Tb-151(n,2n)Tb-150g	TALYS-6a	0		44
Tb-151(n,2n)Tb-150m	TALYS-6a	0		43
Tb-151(n,3n)Tb-149g	TALYS-6a	0		30
Tb-151(n,3n)Tb-149m	TALYS-6a	0		30
Tb-151(n,n'a)Eu-147	TALYS-6a	0		100
Tb-151(n,n'3a)Pr-139	TALYS-6a	0		100
Tb-151(n,2na)Eu-146	TALYS-6a	0	[8]	42
Tb-151(n,3na)Eu-145	TALYS-6a	0	[8]	30
Tb-151(n,n'p)Gd-150	TALYS-6a	0	[8]	65
Tb-151(n,n'2a)Pm-143	TALYS-6a	0		100
Tb-151(n,2n2a)Pm-142	TALYS-6a	0	[8]	32
Tb-151(n,n'd)Gd-149	TALYS-6a	0	[8]	39
Tb-151(n,n't)Gd-148	TALYS-6a	0	[8]	37
Tb-151(n,n'h)Eu-148	TALYS-6a	0	[8]	31
Tb-151(n,n'd2a)Nd-141g	TALYS-6a	0		23
Tb-151(n,n'd2a)Nd-141m	TALYS-6a	0		22
Tb-151(n,n't2a)Nd-140	TALYS-6a	0	[8]	20
Tb-151(n,4n)Tb-148g	TALYS-6a	0		21
Tb-151(n,4n)Tb-148m	TALYS-6a	0		21
Tb-151(n,2np)Gd-149	TALYS-6a	0	[8]	36
Tb-151(n,3np)Gd-148	TALYS-6a	0	[8]	27
Tb-151(n,n'2p)Eu-149	TALYS-6a	0	[8]	35
Tb-151(n,n'pa)Sm-146	TALYS-6a	0	[8]	53
Tb-151(n,g)Tb-152g	MASGAM	0	[14,13,4,6]	83
Tb-151(n,g)Tb-152m	MASGAM	0	[14,7,13,4,6]	83
Tb-151(n,p)Gd-151	TALYS-6a	0	[2]	100
Tb-151(n,d)Gd-150	TALYS-6a	0	[8]	74
Tb-151(n,t)Gd-149	TALYS-6a	0	[8]	59
Tb-151(n,h)Eu-149	TALYS-6a	0	[8]	52
Tb-151(n,a)Eu-148	TALYS-6a	0	[2]	100
Tb-151(n,2a)Pm-144	TALYS-6a	0	[10]	100
Tb-151(n,3a)Pr-140	TALYS-6a	0		100
Tb-151(n,2p)Eu-150g	TALYS-6a	0		51
Tb-151(n,2p)Eu-150m	TALYS-6a	0		49
Tb-151(n,pa)Sm-147	TALYS-6a	0	[10]	100
Tb-151(n,t2a)Nd-141g	TALYS-6a	0		100
Tb-151(n,t2a)Nd-141m	TALYS-6a	0		100
Tb-151(n,d2a)Nd-142	TALYS-6a	0		100
Tb-151(n,pd)Eu-149	TALYS-6a	0	[8]	37
Tb-151(n,pt)Eu-148	TALYS-6a	0	[8]	32
Tb-151(n,da)Sm-146	TALYS-6a	0		100
Tb-151(n,5n)Tb-147g	TALYS-6a	0		15
Tb-151(n,5n)Tb-147m	TALYS-6a	0		15
Tb-151(n,2nt)Gd-147	TALYS-6a	0	[8]	25
Tb-151(n,ta)Sm-145	TALYS-6a	0	[8]	45
Tb-151(n,4np)Gd-147	TALYS-6a	0	[8]	18
Tb-151(n,3nd)Gd-147	TALYS-6a	0	[8]	19
Tb-151(n,n'da)Sm-145	TALYS-6a	0	[8]	33
Tb-151(n,2npa)Sm-145	TALYS-6a	0	[8]	31
Tb-151(n,5np)Gd-146	TALYS-6a	0	[8]	13
Tb-151(n,4na)Eu-144	TALYS-6a	0	[8,7,8]	19
Tb-151(n,5na)Eu-143	TALYS-6a	0	[8,7,8]	13
Tb-151(n,4nd)Gd-146	TALYS-6a	0	[8]	14
Tb-151(n,3nt)Gd-146	TALYS-6a	0	[8]	17
Tb-151(n,4nt)Gd-145g	TALYS-6a	0		11
Tb-151(n,4nt)Gd-145m	TALYS-6a	0		11
Tb-151(n,2nh)Eu-147	TALYS-6a	0	[8]	25
Tb-151(n,3nh)Eu-146	TALYS-6a	0	[8]	16
Tb-151(n,4nh)Eu-145	TALYS-6a	0	[8]	13
Tb-151(n,3n2p)Eu-147	TALYS-6a	0	[8]	18
Tb-151(n,3n2a)Pm-141	TALYS-6a	0	[8,7,8]	23
Tb-151(n,3npa)Sm-144	TALYS-6a	0	[8]	24
Tb-151(n,n'pd)Eu-148	TALYS-6a	0	[8]	26
Tb-151(n,n'pt)Eu-147	TALYS-6a	0	[8]	25
Tb-151(n,n'dt)Eu-146	TALYS-6a	0	[8]	17
Tb-151(n,n'ph)Sm-147	TALYS-6a	0	[8]	23
Tb-151(n,n'dh)Sm-146	TALYS-6a	0	[8]	16
Tb-151(n,n'ta)Sm-144	TALYS-6a	0	[8]	31
Tb-151(n,2n2p)Eu-148	TALYS-6a	0	[8]	25
Tb-151(n,4n2p)Eu-146	TALYS-6a	0	[8]	13
Tb-151(n,4n2a)Pm-140g	TALYS-6a	0	[4,8,7,8]	14
Tb-151(n,4n2a)Pm-140m	TALYS-6a	0	[4,7,8,8]	13
Tb-151(n,4npa)Sm-143g	TALYS-6a	0		15
Tb-151(n,4npa)Sm-143m	TALYS-6a	0		14
Tb-151(n,n'3p)Sm-148	TALYS-6a	0	[8]	24
Tb-151(n,3n2pa)Pm-143	TALYS-6a	0	[8]	15
Tb-151(n,5n2p)Eu-145	TALYS-6a	0	[8]	9
Tb-152(n,n')Tb-152m	TALYS-6a	0		85
Tb-152(n,2nd)Gd-149	TALYS-6a	0	[8]	28
Tb-152(n,2n)Tb-151g	TALYS-6a	0	[15]	49

Reaction	Library			%
Tb-152(n,2n)Tb-151m	TALYS-6a	0		49
Tb-152(n,3n)Tb-150g	TALYS-6a	0		31
Tb-152(n,3n)Tb-150m	TALYS-6a	0		30
Tb-152(n,n'a)Eu-148	TALYS-6a	0		100
Tb-152(n,n'3a)Pr-140	TALYS-6a	0		100
Tb-152(n,2na)Eu-147	TALYS-6a	0	[8]	45
Tb-152(n,3na)Eu-146	TALYS-6a	0	[8]	30
Tb-152(n,n'p)Gd-151	TALYS-6a	0	[8]	62
Tb-152(n,n'2a)Pm-144	TALYS-6a			100
Tb-152(n,2n2a)Pm-143	TALYS-6a	0	[8]	41
Tb-152(n,n'd)Gd-150	TALYS-6a	0	[8]	42
Tb-152(n,n't)Gd-149	TALYS-6a	0	[8]	36
Tb-152(n,n'h)Eu-149	TALYS-6a	0	[8]	33
Tb-152(n,n'd2a)Nd-142	TALYS-6a	0	[8]	27
Tb-152(n,n't2a)Nd-141g	TALYS-6a	0		21
Tb-152(n,n't2a)Nd-141m	TALYS-6a	0		20
Tb-152(n,4n)Tb-149g	TALYS-6a	0		23
Tb-152(n,4n)Tb-149m	TALYS-6a	0		23
Tb-152(n,2np)Gd-150	TALYS-6a	0	[8]	39
Tb-152(n,3np)Gd-149	TALYS-6a	0	[8]	26
Tb-152(n,n'2p)Eu-150g	TALYS-6a	0		33
Tb-152(n,n'2p)Eu-150m	TALYS-6a			32
Tb-152(n,n'pa)Sm-147	TALYS-6a	0	[8]	47
Tb-152(n,g)Tb-153	MASGAM	0	[14,13]	83
Tb-152(n,p)Gd-152	TALYS-6a	0	[2]	100
Tb-152(n,d)Gd-151	TALYS-6a	0	[8]	70
Tb-152(n,t)Gd-150	TALYS-6a	0	[8]	67
Tb-152(n,h)Eu-150g	TALYS-6a	0		46
Tb-152(n,h)Eu-150m	TALYS-6a	0		46
Tb-152(n,a)Eu-149	TALYS-6a	0	[2]	100
Tb-152(n,2a)Pm-145	TALYS-6a	0	[10]	100
Tb-152(n,3a)Pr-141	TALYS-6a	0		100
Tb-152(n,2p)Eu-151	TALYS-6a	0	[8]	55
Tb-152(n,pa)Sm-148	TALYS-6a	0	[10]	100
Tb-152(n,t2a)Nd-142	TALYS-6a	0		100
Tb-152(n,pd)Eu-150g	TALYS-6a	0		35
Tb-152(n,pd)Eu-150m	TALYS-6a	0		34
Tb-152(n,pt)Eu-149	TALYS-6a	0	[8]	34
Tb-152(n,da)Sm-147	TALYS-6a	0		100
Tb-152(n,5n)Tb-148g	TALYS-6a	0		15
Tb-152(n,5n)Tb-148m	TALYS-6a	0		15
Tb-152(n,6n)Tb-147g	TALYS-6a	0		11
Tb-152(n,6n)Tb-147m	TALYS-6a	0		11
Tb-152(n,2nt)Gd-148	TALYS-6a	0	[8]	27
Tb-152(n,ta)Sm-146	TALYS-6a	0		100
Tb-152(n,4np)Gd-148	TALYS-6a	0		20
Tb-152(n,3nd)Gd-148	TALYS-6a	0	[8]	21
Tb-152(n,n'da)Sm-146	TALYS-6a	0	[8]	35
Tb-152(n,2npa)Sm-146	TALYS-6a	0	[8]	34
Tb-152(n,5np)Gd-147	TALYS-6a	0		14
Tb-152(n,6np)Gd-146	TALYS-6a	0		10
Tb-152(n,4na)Eu-145	TALYS-6a	0	[8]	22
Tb-152(n,5na)Eu-144	TALYS-6a	0	[8,7,8]	14
Tb-152(n,4nd)Gd-147	TALYS-6a	0	[8]	14
Tb-152(n,5nd)Gd-146	TALYS-6a	0		11
Tb-152(n,3nt)Gd-147	TALYS-6a	0	[8]	17
Tb-152(n,4nt)Gd-146	TALYS-6a	0	[8]	13
Tb-152(n,2nh)Eu-148	TALYS-6a	0	[8]	25
Tb-152(n,3nh)Eu-147	TALYS-6a	0	[8]	18
Tb-152(n,4nh)Eu-146	TALYS-6a	0	[8]	13
Tb-152(n,3n2p)Eu-148	TALYS-6a	0	[8]	17
Tb-152(n,3n2a)Pm-142	TALYS-6a	0	[8]	24
Tb-152(n,3npa)Sm-145	TALYS-6a	0	[8]	24
Tb-152(n,n'pd)Eu-149	TALYS-6a	0	[8]	27
Tb-152(n,n'pt)Eu-148	TALYS-6a	0	[8]	24
Tb-152(n,n'dt)Eu-147	TALYS-6a	0	[8]	18
Tb-152(n,n'ph)Sm-148	TALYS-6a	0	[8]	24
Tb-152(n,n'ta)Sm-145	TALYS-6a	0	[8]	31
Tb-152(n,2n2p)Eu-149	TALYS-6a	0	[8]	26
Tb-152(n,4n2p)Eu-147	TALYS-6a	0	[8]	14
Tb-152(n,4n2a)Pm-141	TALYS-6a	0	[8,7,8]	16
Tb-152(n,4npa)Sm-144	TALYS-6a	0	[8]	17
Tb-152(n,n'3p)Sm-149	TALYS-6a	0	[8]	22
Tb-152(n,3n2pa)Pm-144	TALYS-6a	0	[8]	15
Tb-152(n,5n2p)Eu-146	TALYS-6a	0	[8]	9
Tb-153(n,2nd)Gd-150	TALYS-6a	0	[8]	28
Tb-153(n,2n)Tb-152g	TALYS-6a	0		44
Tb-153(n,2n)Tb-152m	TALYS-6a	0		43
Tb-153(n,3n)Tb-151g	TALYS-6a	0		31
Tb-153(n,3n)Tb-151m	TALYS-6a	0		30
Tb-153(n,n'a)Eu-149	TALYS-6a	0		100
Tb-153(n,n'3a)Pr-141	TALYS-6a	0		100
Tb-153(n,2na)Eu-148	TALYS-6a	0	[8]	42
Tb-153(n,3na)Eu-147	TALYS-6a	0	[8]	30
Tb-153(n,n'p)Gd-152	TALYS-6a	0	[8]	61
Tb-153(n,n'2a)Pm-145	TALYS-6a	0		100
Tb-153(n,2n2a)Pm-144	TALYS-6a	0	[8]	35
Tb-153(n,n'd)Gd-151	TALYS-6a	0	[8]	37
Tb-153(n,n't)Gd-150	TALYS-6a	0	[8]	36
Tb-153(n,n'h)Eu-150g	TALYS-6a	0		30
Tb-153(n,n'h)Eu-150m	TALYS-6a	0		30
Tb-153(n,n't2a)Nd-142	TALYS-6a	0	[8]	23
Tb-153(n,4n)Tb-150g	TALYS-6a	0		22
Tb-153(n,4n)Tb-150m	TALYS-6a	0		21
Tb-153(n,2np)Gd-151	TALYS-6a	0	[8]	34
Tb-153(n,3np)Gd-150	TALYS-6a	0		27
Tb-153(n,n'2p)Eu-151	TALYS-6a	0	[8]	31
Tb-153(n,n'pa)Sm-148	TALYS-6a	0	[8]	45
Tb-153(n,g)Tb-154g	MASGAM	0	[14,13,4,6]	83
Tb-153(n,g)Tb-154m	MASGAM	0	[14,13,4,6]	83
Tb-153(n,g)Tb-154n	MASGAM	0	[14,13,4,6]	83
Tb-153(n,p)Gd-153	TALYS-6a	0	[2]	100
Tb-153(n,d)Gd-152	TALYS-6a	0	[8]	70
Tb-153(n,t)Gd-151	TALYS-6a	0	[8]	55
Tb-153(n,h)Eu-151	TALYS-6a	0	[8]	44
Tb-153(n,a)Eu-150g	TALYS-6a	0	[2]	100
Tb-153(n,a)Eu-150m	TALYS-6a	0	[2]	100
Tb-153(n,2a)Pm-146	TALYS-6a	0	[10]	100
Tb-153(n,3a)Pr-142g	TALYS-6a	0		100
Tb-153(n,3a)Pr-142m	TALYS-6a	0		100
Tb-153(n,2p)Eu-152g	TALYS-6a	0	[4]	43
Tb-153(n,2p)Eu-152m	TALYS-6a	0	[4,7,8]	43
Tb-153(n,2p)Eu-152n	TALYS-6a	0	[4,7,8]	42
Tb-153(n,pa)Sm-149	TALYS-6a	0		100
Tb-153(n,pd)Eu-151	TALYS-6a	0	[8]	33
Tb-153(n,pt)Eu-150g	TALYS-6a	0		30
Tb-153(n,pt)Eu-150m	TALYS-6a	0		30
Tb-153(n,da)Sm-148	TALYS-6a	0		100
Tb-153(n,5n)Tb-149g	TALYS-6a	0		15
Tb-153(n,5n)Tb-149m	TALYS-6a	0		15
Tb-153(n,6n)Tb-148g	TALYS-6a	0		11
Tb-153(n,6n)Tb-148m	TALYS-6a	0		11
Tb-153(n,2nt)Gd-149	TALYS-6a	0	[8]	25
Tb-153(n,ta)Sm-147	TALYS-6a	0	[8]	42
Tb-153(n,4np)Gd-149	TALYS-6a	0	[8]	18
Tb-153(n,3nd)Gd-149	TALYS-6a	0	[8]	19
Tb-153(n,n'da)Sm-147	TALYS-6a	0	[8]	31
Tb-153(n,2npa)Sm-147	TALYS-6a	0	[8]	30
Tb-153(n,5np)Gd-148	TALYS-6a	0		14
Tb-153(n,6np)Gd-147	TALYS-6a	0	[8]	9
Tb-153(n,4na)Eu-146	TALYS-6a	0	[8]	21
Tb-153(n,5na)Eu-145	TALYS-6a	0	[8]	15
Tb-153(n,6na)Eu-144	TALYS-6a	0	[8,7,8]	10
Tb-153(n,4nd)Gd-148	TALYS-6a	0	[8]	14
Tb-153(n,5nd)Gd-147	TALYS-6a	0	[8]	10
Tb-153(n,3nt)Gd-148	TALYS-6a	0	[8]	18
Tb-153(n,4nt)Gd-147	TALYS-6a	0	[8]	13
Tb-153(n,2nh)Eu-149	TALYS-6a	0	[8]	24
Tb-153(n,3nh)Eu-148	TALYS-6a	0	[8]	16
Tb-153(n,4nh)Eu-147	TALYS-6a	0	[8]	13
Tb-153(n,3n2p)Eu-149	TALYS-6a	0	[8]	17
Tb-153(n,3n2a)Pm-143	TALYS-6a	0	[8]	27
Tb-153(n,3npa)Sm-146	TALYS-6a	0	[8]	24
Tb-153(n,n'pd)Eu-150g	TALYS-6a	0		24
Tb-153(n,n'pd)Eu-150m	TALYS-6a	0		24
Tb-153(n,n'pt)Eu-149	TALYS-6a	0	[8]	24
Tb-153(n,n'dt)Eu-148	TALYS-6a	0	[8]	16
Tb-153(n,n'ph)Sm-149	TALYS-6a	0	[8]	20
Tb-153(n,n'ta)Sm-146	TALYS-6a	0	[8]	32
Tb-153(n,2n2p)Eu-150g	TALYS-6a	0		23
Tb-153(n,2n2p)Eu-150m	TALYS-6a	0		23
Tb-153(n,4n2p)Eu-148	TALYS-6a	0	[8]	12
Tb-153(n,4n2a)Pm-142	TALYS-6a	0	[8]	16
Tb-153(n,4npa)Sm-145	TALYS-6a	0	[8]	16
Tb-153(n,n'3p)Sm-150	TALYS-6a	0	[8]	21
Tb-153(n,3n2pa)Pm-145	TALYS-6a	0	[8]	14
Tb-153(n,5n2p)Eu-147	TALYS-6a	0	[8]	9
Tb-154(n,n')Tb-154m	TALYS-5a	0		86
Tb-154(n,n')Tb-154n	TALYS-5a	0		85
Tb-154(n,2nd)Gd-151	TALYS-6a	0	[8]	28
Tb-154(n,2n)Tb-153	TALYS-6a	0		51
Tb-154(n,3n)Tb-152g	TALYS-6a	0		31
Tb-154(n,3n)Tb-152m	TALYS-6a	0		30
Tb-154(n,n'a)Eu-150g	TALYS-6a	0		100
Tb-154(n,n'a)Eu-150m	TALYS-6a	0		100
Tb-154(n,n'3a)Pr-142g	TALYS-6a	0		100
Tb-154(n,n'3a)Pr-142m	TALYS-6a	0		100
Tb-154(n,2na)Eu-149	TALYS-6a	0	[8]	44
Tb-154(n,3na)Eu-148	TALYS-6a	0	[8]	30
Tb-154(n,n'p)Gd-153	TALYS-6a	0	[8]	58
Tb-154(n,n'2a)Pm-146	TALYS-6a	0		100
Tb-154(n,2n2a)Pm-145	TALYS-6a	0	[8]	37
Tb-154(n,n'd)Gd-152	TALYS-6a	0	[8]	41
Tb-154(n,n't)Gd-151	TALYS-6a	0	[8]	35
Tb-154(n,n'h)Eu-151	TALYS-6a	0	[8]	31
Tb-154(n,n'd2a)Nd-144	TALYS-6a	0	[8]	24
Tb-154(n,4n)Tb-151g	TALYS-6a	0		24
Tb-154(n,4n)Tb-151m	TALYS-6a	0		24
Tb-154(n,2np)Gd-152	TALYS-6a	0	[8]	38
Tb-154(n,3np)Gd-151	TALYS-6a	0	[8]	26
Tb-154(n,n'2p)Eu-152g	TALYS-6a	0	[4]	30
Tb-154(n,n'2p)Eu-152m	TALYS-6a	0	[4,7,8]	29
Tb-154(n,n'2p)Eu-152n	TALYS-6a	0	[4,7,8]	29
Tb-154(n,n'pa)Sm-149	TALYS-6a	0	[8]	42
Tb-154(n,g)Tb-155	MASGAM	0	[14,13]	83
Tb-154(n,p)Gd-154	TALYS-6a	0	[2]	100
Tb-154(n,d)Gd-153	TALYS-6a	0	[8]	66
Tb-154(n,t)Gd-152	TALYS-6a	0	[8]	64
Tb-154(n,h)Eu-152g	TALYS-6a	0	[4]	43
Tb-154(n,h)Eu-152m	TALYS-6a	0	[4,7,8]	42
Tb-154(n,h)Eu-152n	TALYS-6a	0	[4,7,8]	42
Tb-154(n,a)Eu-151	TALYS-6a	0	[2]	100
Tb-154(n,2a)Pm-147	TALYS-6a	0	[10]	100
Tb-154(n,2p)Eu-153	TALYS-6a	0	[8]	49
Tb-154(n,pa)Sm-150	TALYS-6a	0		100
Tb-154(n,pd)Eu-152g	TALYS-6a	0	[4]	31
Tb-154(n,pd)Eu-152m	TALYS-6a	0	[4,7,8]	30
Tb-154(n,pd)Eu-152n	TALYS-6a	0	[4,7,8]	30
Tb-154(n,pt)Eu-151	TALYS-6a	0	[8]	31
Tb-154(n,da)Sm-149	TALYS-6a	0	[8]	43
Tb-154(n,5n)Tb-150g	TALYS-6a	0		16
Tb-154(n,5n)Tb-150m	TALYS-6a	0		15
Tb-154(n,6n)Tb-149g	TALYS-6a	0		12
Tb-154(n,6n)Tb-149m	TALYS-6a	0		12
Tb-154(n,2nt)Gd-150	TALYS-6a	0	[8]	27
Tb-154(n,ta)Sm-148	TALYS-6a	0	[8]	44
Tb-154(n,4np)Gd-150	TALYS-6a	0	[8]	19
Tb-154(n,3nd)Gd-150	TALYS-6a	0	[8]	21
Tb-154(n,n'da)Sm-148	TALYS-6a	0	[8]	32
Tb-154(n,2npa)Sm-148	TALYS-6a	0	[8]	31
Tb-154(n,5np)Gd-149	TALYS-6a	0		14
Tb-154(n,6np)Gd-148	TALYS-6a	0	[8]	10
Tb-154(n,4na)Eu-147	TALYS-6a	0	[8]	23
Tb-154(n,5na)Eu-146	TALYS-6a	0	[8]	15
Tb-154(n,6na)Eu-145	TALYS-6a	0	[8]	12
Tb-154(n,4nd)Gd-149	TALYS-6a	0		15
Tb-154(n,5nd)Gd-148	TALYS-6a	0	[8]	11
Tb-154(n,3nt)Gd-149	TALYS-6a	0	[8]	18

Reaction	Library		Refs	Value
Tb-154(n,4nt)Gd-148	TALYS-6a	0	[8]	14
Tb-154(n,5nt)Gd-147	TALYS-6a	0	[8]	9
Tb-154(n,2nh)Eu-150g	TALYS-6a	0		23
Tb-154(n,2nh)Eu-150m	TALYS-6a	0		23
Tb-154(n,3nh)Eu-149	TALYS-6a	0	[8]	17
Tb-154(n,4nh)Eu-148	TALYS-6a	0	[8]	13
Tb-154(n,3n2p)Eu-150g	TALYS-6a	0		16
Tb-154(n,3n2p)Eu-150m	TALYS-6a	0		16
Tb-154(n,3n2a)Pm-144	TALYS-6a	0	[8]	26
Tb-154(n,3npa)Sm-147	TALYS-6a	0	[8]	23
Tb-154(n,n'pd)Eu-151	TALYS-6a	0	[8]	25
Tb-154(n,n'pt)Eu-150g	TALYS-6a	0		23
Tb-154(n,n'pt)Eu-150m	TALYS-6a	0		23
Tb-154(n,n'dt)Eu-149	TALYS-6a	0	[8]	17
Tb-154(n,n'ph)Sm-150	TALYS-6a	0	[8]	21
Tb-154(n,n'ta)Sm-147	TALYS-6a	0	[8]	30
Tb-154(n,2n2p)Eu-151	TALYS-6a	0	[8]	24
Tb-154(n,4n2p)Eu-149	TALYS-6a	0	[8]	13
Tb-154(n,4n2a)Pm-143	TALYS-6a	0	[8]	20
Tb-154(n,4npa)Sm-146	TALYS-6a	0	[8]	17
Tb-154(n,3n2pa)Pm-146	TALYS-6a	0	[8]	13
Tb-154(n,5n2p)Eu-148	TALYS-6a	0	[8]	9
Tb-154m(n,2nd)Gd-151	TALYS-5a	0	[8,7,8]	28
Tb-154m(n,2n)Tb-153	TALYS-5a	0		53
Tb-154m(n,3n)Tb-152g	TALYS-5a	0		31
Tb-154m(n,3n)Tb-152m	TALYS-5a	0		31
Tb-154m(n,n'a)Eu-150g	TALYS-5a	0	[7]	100
Tb-154m(n,n'a)Eu-150m	TALYS-5a	0	[7]	100
Tb-154m(n,2na)Eu-149	TALYS-5a	0	[8,7,8]	45
Tb-154m(n,3na)Eu-148	TALYS-5a	0	[8,7,8]	30
Tb-154m(n,n'p)Gd-153	TALYS-5a	0	[8,7,8]	60
Tb-154m(n,n'2a)Pm-146	TALYS-5a	0	[7]	100
Tb-154m(n,2n2a)Pm-145	TALYS-5a	0	[8,7,8]	38
Tb-154m(n,n'd)Gd-152	TALYS-5a	0	[8,7,8]	42
Tb-154m(n,n't)Gd-151	TALYS-5a	0	[8,7,8]	37
Tb-154m(n,n'h)Eu-151	TALYS-5a	0	[8,7,8]	31
Tb-154m(n,4n)Tb-151g	TALYS-5a	0		24
Tb-154m(n,4n)Tb-151m	TALYS-5a	0		24
Tb-154m(n,2np)Gd-152	TALYS-5a	0		39
Tb-154m(n,3np)Gd-151	TALYS-5a	0		27
Tb-154m(n,n'2p)Eu-152g	TALYS-5a	0	[4,7,8]	31
Tb-154m(n,n'2p)Eu-152m	TALYS-5a	0	[4,7,8]	30
Tb-154m(n,n'2p)Eu-152n	TALYS-5a	0	[4,7,8]	30
Tb-154m(n,n'pa)Sm-149	TALYS-5a	0	[8,7,8]	43
Tb-154m(n,g)Tb-155	TALYS-5a	0	[14]	100
Tb-154m(n,p)Gd-154	TALYS-5a	0	[7,2]	100
Tb-154m(n,d)Gd-153	TALYS-5a	0	[8,7,8]	68
Tb-154m(n,t)Gd-152	TALYS-5a	0	[8,7,8]	66
Tb-154m(n,h)Eu-152g	TALYS-5a	0	[4,7,8]	42
Tb-154m(n,h)Eu-152m	TALYS-5a	0	[4,7,8]	40
Tb-154m(n,h)Eu-152n	TALYS-5a	0	[4,7,8]	41
Tb-154m(n,a)Eu-151	TALYS-5a	0	[2]	100
Tb-154m(n,2a)Pm-147	TALYS-5a	0		100
Tb-154m(n,2p)Eu-153	TALYS-5a	0	[8,7,8]	51
Tb-154m(n,pa)Sm-150	TALYS-5a	0	[7]	100
Tb-154m(n,pd)Eu-152g	TALYS-5a	0	[4,7,8]	33
Tb-154m(n,pd)Eu-152m	TALYS-5a	0	[4,7,8]	32
Tb-154m(n,pd)Eu-152n	TALYS-5a	0	[4,7,8]	32
Tb-154m(n,pt)Eu-151	TALYS-5a	0	[8,7,8]	32
Tb-154m(n,da)Sm-149	TALYS-5a	0	[8,7,8]	45
Tb-154m(n,5n)Tb-150g	TALYS-5a	0		16
Tb-154m(n,5n)Tb-150m	TALYS-5a	0		16
Tb-154m(n,6n)Tb-149g	TALYS-5a	0		12
Tb-154m(n,6n)Tb-149m	TALYS-5a	0		12
Tb-154m(n,2nt)Gd-150	TALYS-5a	0	[8,7,8]	27
Tb-154m(n,ta)Sm-148	TALYS-5a	0		100
Tb-154m(n,4np)Gd-150	TALYS-5a	0	[8,7,8]	20
Tb-154m(n,3nd)Gd-150	TALYS-5a	0	[8,7,8]	22
Tb-154m(n,n'da)Sm-148	TALYS-5a	0	[8,7,8]	34
Tb-154m(n,2npa)Sm-148	TALYS-5a	0	[8,7,8]	31
Tb-154m(n,5np)Gd-149	TALYS-5a	0		14
Tb-154m(n,6np)Gd-148	TALYS-5a	0		11
Tb-154m(n,4na)Eu-147	TALYS-5a	0	[8,7,8]	23
Tb-154m(n,5na)Eu-146	TALYS-5a	0	[8,7,8]	16
Tb-154m(n,6na)Eu-145	TALYS-5a	0	[8,7,8]	12
Tb-154m(n,4nd)Gd-149	TALYS-5a	0		15
Tb-154m(n,5nd)Gd-148	TALYS-5a	0	[8,7,8]	11
Tb-154m(n,3nt)Gd-149	TALYS-5a	0	[8,7,8]	19
Tb-154m(n,4nt)Gd-148	TALYS-5a	0	[8,7,8]	14
Tb-154m(n,5nt)Gd-147	TALYS-5a	0	[8,7,8]	9
Tb-154m(n,2nh)Eu-150g	TALYS-5a	0		24
Tb-154m(n,2nh)Eu-150m	TALYS-5a	0		24
Tb-154m(n,3nh)Eu-149	TALYS-5a	0	[8,7,8]	17
Tb-154m(n,4nh)Eu-148	TALYS-5a	0	[8,7,8]	13
Tb-154m(n,3n2p)Eu-150g	TALYS-5a	0		16
Tb-154m(n,3n2p)Eu-150m	TALYS-5a	0		16
Tb-154m(n,3n2a)Pm-144	TALYS-5a	0	[8,7,8]	27
Tb-154m(n,3npa)Sm-147	TALYS-5a	0	[8,7,8]	23
Tb-154m(n,n'pd)Eu-151	TALYS-5a	0	[8,7,8]	26
Tb-154m(n,n'pt)Eu-150g	TALYS-5a	0		24
Tb-154m(n,n'pt)Eu-150m	TALYS-5a	0		24
Tb-154m(n,n'dt)Eu-149	TALYS-5a	0	[8,7,8]	19
Tb-154m(n,n'ph)Sm-150	TALYS-5a	0	[8,7,8]	21
Tb-154m(n,n'ta)Sm-147	TALYS-5a	0	[8,7,8]	30
Tb-154m(n,2n2p)Eu-151	TALYS-5a	0	[8,7,8]	24
Tb-154m(n,4n2p)Eu-149	TALYS-5a	0	[8,7,8]	13
Tb-154m(n,4n2a)Pm-143	TALYS-5a	0	[8,7,8]	20
Tb-154m(n,4npa)Sm-146	TALYS-5a	0	[8,7,8]	16
Tb-154m(n,n'3p)Sm-151	TALYS-5a	0	[8,7,8]	20
Tb-154m(n,3n2pa)Pm-146	TALYS-5a	0	[8,7,8]	13
Tb-154m(n,5n2p)Eu-148	TALYS-5a	0	[8,7,8]	9
Tb-154n(n,n')Tb-154g	TALYS-5a	0	[7,8]	98
Tb-154n(n,n')Tb-154m	TALYS-5a	0	[7,8]	98
Tb-154n(n,2nd)Gd-151	TALYS-5a	0	[8,7,8]	28
Tb-154n(n,2n)Tb-153	TALYS-5a	0		53
Tb-154n(n,3n)Tb-152g	TALYS-5a	0	[15]	31
Tb-154n(n,3n)Tb-152m	TALYS-5a	0		31
Tb-154n(n,n'a)Eu-150g	TALYS-5a	0	[7]	100
Tb-154n(n,n'a)Eu-150m	TALYS-5a	0	[7]	100
Tb-154n(n,n'3a)Pr-142g	TALYS-5a	0	[7]	100
Tb-154n(n,n'3a)Pr-142m	TALYS-5a	0	[7]	100
Tb-154n(n,2na)Eu-149	TALYS-5a	0	[8,7,8]	45
Tb-154n(n,3na)Eu-148	TALYS-5a	0	[8,7,8]	30
Tb-154n(n,n'p)Gd-153	TALYS-5a	0	[8,7,8]	61
Tb-154n(n,n'2a)Pm-146	TALYS-5a	0	[7]	100
Tb-154n(n,2n2a)Pm-145	TALYS-5a	0	[8,7,8]	38
Tb-154n(n,n'd)Gd-152	TALYS-5a	0	[8,7,8]	42
Tb-154n(n,n't)Gd-151	TALYS-5a	0	[8,7,8]	37
Tb-154n(n,n'h)Eu-151	TALYS-5a	0	[8,7,8]	31
Tb-154n(n,n'd2a)Nd-144	TALYS-5a	0	[8,7,8]	25
Tb-154n(n,4n)Tb-151g	TALYS-5a	0		24
Tb-154n(n,4n)Tb-151m	TALYS-5a	0		24
Tb-154n(n,2np)Gd-152	TALYS-5a	0	[8,7,8]	39
Tb-154n(n,3np)Gd-151	TALYS-5a	0		27
Tb-154n(n,n'2p)Eu-152g	TALYS-5a	0	[4,7,8]	31
Tb-154n(n,n'2p)Eu-152m	TALYS-5a	0	[4,7,8]	30
Tb-154n(n,n'2p)Eu-152n	TALYS-5a	0	[4,7,8]	30
Tb-154n(n,n'pa)Sm-149	TALYS-5a	0	[8,7,8]	43
Tb-154n(n,g)Tb-155	TALYS-5a	0	[14,7]	100
Tb-154n(n,p)Gd-154	TALYS-5a	0	[7,2]	100
Tb-154n(n,d)Gd-153	TALYS-5a	0	[8,7,8]	69
Tb-154n(n,t)Gd-152	TALYS-5a	0	[8,7,8]	67
Tb-154n(n,h)Eu-152g	TALYS-5a	0	[4,7,8]	43
Tb-154n(n,h)Eu-152m	TALYS-5a	0	[4,7,8]	41
Tb-154n(n,h)Eu-152n	TALYS-5a	0	[4,7,8]	42
Tb-154n(n,a)Eu-151	TALYS-5a	0	[2]	100
Tb-154n(n,2a)Pm-147	TALYS-5a	0		100
Tb-154n(n,2p)Eu-153	TALYS-5a	0	[8,7,8]	52
Tb-154n(n,pa)Sm-150	TALYS-5a	0	[7]	100
Tb-154n(n,pd)Eu-152g	TALYS-5a	0	[4,7,8]	33
Tb-154n(n,pd)Eu-152m	TALYS-5a	0	[4,7,8]	32
Tb-154n(n,pd)Eu-152n	TALYS-5a	0	[4,7,8]	32
Tb-154n(n,pt)Eu-151	TALYS-5a	0	[8,7,8]	33
Tb-154n(n,da)Sm-149	TALYS-5a	0		100
Tb-154n(n,5n)Tb-150g	TALYS-5a	0		16
Tb-154n(n,5n)Tb-150m	TALYS-5a	0		16
Tb-154n(n,6n)Tb-149g	TALYS-5a	0		12
Tb-154n(n,6n)Tb-149m	TALYS-5a	0		12
Tb-154n(n,2nt)Gd-150	TALYS-5a	0	[8,7,8]	27
Tb-154n(n,ta)Sm-148	TALYS-5a	0		100
Tb-154n(n,4np)Gd-150	TALYS-5a	0	[8,7,8]	20
Tb-154n(n,3nd)Gd-150	TALYS-5a	0	[8,7,8]	22
Tb-154n(n,n'da)Sm-148	TALYS-5a	0	[8,7,8]	34
Tb-154n(n,2npa)Sm-148	TALYS-5a	0	[8,7,8]	32
Tb-154n(n,5np)Gd-149	TALYS-5a	0		14
Tb-154n(n,6np)Gd-148	TALYS-5a	0		11
Tb-154n(n,4na)Eu-147	TALYS-5a	0	[8,7,8]	23
Tb-154n(n,5na)Eu-146	TALYS-5a	0	[8,7,8]	16
Tb-154n(n,6na)Eu-145	TALYS-5a	0	[8,7,8]	12
Tb-154n(n,4nd)Gd-149	TALYS-5a	0		15
Tb-154n(n,5nd)Gd-148	TALYS-5a	0	[8,7,8]	11
Tb-154n(n,3nt)Gd-149	TALYS-5a	0	[8,7,8]	19
Tb-154n(n,4nt)Gd-148	TALYS-5a	0	[8,7,8]	14
Tb-154n(n,5nt)Gd-147	TALYS-5a	0	[8,7,8]	9
Tb-154n(n,2nh)Eu-150g	TALYS-5a	0		24
Tb-154n(n,2nh)Eu-150m	TALYS-5a	0		24
Tb-154n(n,3nh)Eu-149	TALYS-5a	0	[8,7,8]	17
Tb-154n(n,4nh)Eu-148	TALYS-5a	0	[8,7,8]	13
Tb-154n(n,3n2p)Eu-150g	TALYS-5a	0		17
Tb-154n(n,3n2p)Eu-150m	TALYS-5a	0		17
Tb-154n(n,3n2a)Pm-144	TALYS-5a	0	[8,7,8]	27
Tb-154n(n,3npa)Sm-147	TALYS-5a	0	[8,7,8]	23
Tb-154n(n,n'pd)Eu-151	TALYS-5a	0	[8,7,8]	26
Tb-154n(n,n'pt)Eu-150g	TALYS-5a	0		24
Tb-154n(n,n'pt)Eu-150m	TALYS-5a	0		24
Tb-154n(n,n'dt)Eu-149	TALYS-5a	0	[8,7,8]	19
Tb-154n(n,n'ph)Sm-150	TALYS-5a	0	[8,7,8]	22
Tb-154n(n,n'ta)Sm-147	TALYS-5a	0	[8,7,8]	31
Tb-154n(n,2n2p)Eu-151	TALYS-5a	0	[8,7,8]	25
Tb-154n(n,4n2p)Eu-149	TALYS-5a	0	[8,7,8]	14
Tb-154n(n,4n2a)Pm-143	TALYS-5a	0	[8,7,8]	20
Tb-154n(n,4npa)Sm-146	TALYS-5a	0	[8,7,8]	16
Tb-154n(n,3n2pa)Pm-146	TALYS-5a	0	[8,7,8]	13
Tb-154n(n,5n2p)Eu-148	TALYS-5a	0	[8,7,8]	9
Tb-155(n,2nd)Gd-152	TALYS-6a	0	[8]	27
Tb-155(n,2n)Tb-154g	TALYS-6a	0	[4]	43
Tb-155(n,2n)Tb-154m	TALYS-6a	0	[4,7,8]	42
Tb-155(n,2n)Tb-154n	TALYS-6a	0	[4,7,8]	42
Tb-155(n,3n)Tb-153	TALYS-6a	0		30
Tb-155(n,n'a)Eu-151	TALYS-6a	0		100
Tb-155(n,2na)Eu-150g	TALYS-6a	0		38
Tb-155(n,2na)Eu-150m	TALYS-6a	0		38
Tb-155(n,3na)Eu-149	TALYS-6a	0	[8]	28
Tb-155(n,n'p)Gd-154	TALYS-6a	0	[8]	56
Tb-155(n,n'2a)Pm-147	TALYS-6a	0		100
Tb-155(n,2n2a)Pm-146	TALYS-6a	0	[8]	30
Tb-155(n,n'd)Gd-153	TALYS-6a	0	[8]	35
Tb-155(n,n't)Gd-152	TALYS-6a	0	[8]	34
Tb-155(n,n'h)Eu-152g	TALYS-6a	0	[4]	28
Tb-155(n,n'h)Eu-152m	TALYS-6a	0	[4,7,8]	27
Tb-155(n,n'h)Eu-152n	TALYS-6a	0	[4,7,8]	27
Tb-155(n,4n)Tb-152g	TALYS-6a	0		22
Tb-155(n,4n)Tb-152m	TALYS-6a	0		21
Tb-155(n,2np)Gd-153	TALYS-6a	0	[8]	32
Tb-155(n,3np)Gd-152	TALYS-6a	0		26
Tb-155(n,n'2p)Eu-153	TALYS-6a	0	[8]	30
Tb-155(n,n'pa)Sm-150	TALYS-6a	0	[8]	39
Tb-155(n,g)Tb-156g	MASGAM	0	[14,13,4,6]	83
Tb-155(n,g)Tb-156m	MASGAM	0	[14,13,4,6]	83
Tb-155(n,g)Tb-156n	MASGAM	0	[14,13,4,6]	83
Tb-155(n,p)Gd-155	TALYS-6a	0	[2]	100
Tb-155(n,d)Gd-154	TALYS-6a	0	[8]	65
Tb-155(n,t)Gd-153	TALYS-6a	0	[8]	49
Tb-155(n,h)Eu-153	TALYS-6a	0	[8]	42
Tb-155(n,a)Eu-152g	TALYS-6a	0	[4,2]	100
Tb-155(n,a)Eu-152m	TALYS-6a	0	[4,7,2]	100
Tb-155(n,a)Eu-152n	TALYS-6a	0	[4,7,2]	100
Tb-155(n,2p)Eu-154g	TALYS-6a	0	[4,8]	41

Tb-155(n,2p)Eu-154m	TALYS-6a	0 [4,7,8,8]	40
Tb-155(n,pa)Sm-151	TALYS-6a	0	100
Tb-155(n,pd)Eu-153	TALYS-6a	0 [8]	31
Tb-155(n,pt)Eu-152g	TALYS-6a	0 [4]	28
Tb-155(n,pt)Eu-152m	TALYS-6a	0 [4,7,8]	27
Tb-155(n,pt)Eu-152n	TALYS-6a	0 [4,7,8]	27
Tb-155(n,da)Sm-150	TALYS-6a	0 [8]	40
Tb-155(n,5n)Tb-151g	TALYS-6a	0	15
Tb-155(n,5n)Tb-151m	TALYS-6a	0	15
Tb-155(n,6n)Tb-150g	TALYS-6a	0	11
Tb-155(n,6n)Tb-150m	TALYS-6a	0	11
Tb-155(n,2nt)Gd-151	TALYS-6a	0 [8]	24
Tb-155(n,4np)Gd-151	TALYS-6a	0 [8]	17
Tb-155(n,3nd)Gd-151	TALYS-6a	0 [8]	18
Tb-155(n,n'da)Sm-149	TALYS-6a	0 [8]	28
Tb-155(n,2npa)Sm-149	TALYS-6a	0 [8]	27
Tb-155(n,7n)Tb-149g	TALYS-6a	0	7
Tb-155(n,7n)Tb-149m	TALYS-6a	0	7
Tb-155(n,5np)Gd-150	TALYS-6a	0	14
Tb-155(n,6np)Gd-149	TALYS-6a	0	9
Tb-155(n,4na)Eu-148	TALYS-6a	0 [8]	20
Tb-155(n,5na)Eu-147	TALYS-6a	0 [8]	15
Tb-155(n,6na)Eu-146	TALYS-6a	0 [8]	10
Tb-155(n,4nd)Gd-150	TALYS-6a	0 [8]	14
Tb-155(n,5nd)Gd-149	TALYS-6a	0 [8]	10
Tb-155(n,3nt)Gd-150	TALYS-6a	0 [8]	17
Tb-155(n,4nt)Gd-149	TALYS-6a	0 [8]	13
Tb-155(n,5nt)Gd-148	TALYS-6a	0 [8]	9
Tb-155(n,2nh)Eu-151	TALYS-6a	0 [8]	22
Tb-155(n,3nh)Eu-150g	TALYS-6a	0	15
Tb-155(n,3nh)Eu-150m	TALYS-6a	0	15
Tb-155(n,4nh)Eu-149	TALYS-6a	0 [8]	12
Tb-155(n,3n2p)Eu-151	TALYS-6a	0 [8]	16
Tb-155(n,3n2a)Pm-145	TALYS-6a	0 [8]	24
Tb-155(n,3npa)Sm-148	TALYS-6a	0 [8]	21
Tb-155(n,n'pd)Eu-152g	TALYS-6a	0 [4]	22
Tb-155(n,n'pd)Eu-152m	TALYS-6a	0 [4,7,8]	21
Tb-155(n,n'pd)Eu-152n	TALYS-6a	0 [4,7,8]	21
Tb-155(n,n'pt)Eu-151	TALYS-6a	0 [8]	22
Tb-155(n,n'dt)Eu-150g	TALYS-6a	0	15
Tb-155(n,n'dt)Eu-150m	TALYS-6a	0	15
Tb-155(n,n'ta)Sm-148	TALYS-6a	0 [8]	28
Tb-155(n,2n2p)Eu-152g	TALYS-6a	0 [4]	21
Tb-155(n,2n2p)Eu-152m	TALYS-6a	0 [4,7,8]	20
Tb-155(n,2n2p)Eu-152n	TALYS-6a	0 [4,7,8]	20
Tb-155(n,4n2p)Eu-150g	TALYS-6a	0	11
Tb-155(n,4n2p)Eu-150m	TALYS-6a	0	11
Tb-155(n,4n2a)Pm-144	TALYS-6a	0 [8]	16
Tb-155(n,4npa)Sm-147	TALYS-6a	0 [8]	15
Tb-155(n,3n2pa)Pm-147	TALYS-6a	0 [8]	13
Tb-155(n,5n2p)Eu-149	TALYS-6a	0 [8]	9
Tb-156(n,n')Tb-156m	TALYS-6a	0	90
Tb-156(n,n')Tb-156n	TALYS-6a	0	90
Tb-156(n,2nd)Gd-153	TALYS-6a	0 [8]	26
Tb-156(n,2n)Tb-155	TALYS-6a	0	51
Tb-156(n,3n)Tb-154g	TALYS-6a	0 [4]	30
Tb-156(n,3n)Tb-154m	TALYS-6a	0 [4,7,8]	29
Tb-156(n,3n)Tb-154n	TALYS-6a	0 [4,7,8]	29
Tb-156(n,n'a)Eu-152g	TALYS-6a	0 [4]	100
Tb-156(n,n'a)Eu-152m	TALYS-6a	0 [4,7]	100
Tb-156(n,n'a)Eu-152n	TALYS-6a	0 [7,4,7]	100
Tb-156(n,2na)Eu-151	TALYS-6a	0 [8]	41
Tb-156(n,3na)Eu-150g	TALYS-6a	0	28
Tb-156(n,3na)Eu-150m	TALYS-6a	0	28
Tb-156(n,n'p)Gd-155	TALYS-6a	0 [8]	54
Tb-156(n,n'2a)Pm-148g	TALYS-6a	0	100
Tb-156(n,n'2a)Pm-148m	TALYS-6a	0	100
Tb-156(n,2n2a)Pm-147	TALYS-6a	0 [8]	31
Tb-156(n,n'd)Gd-154	TALYS-6a	0 [8]	39
Tb-156(n,n't)Gd-153	TALYS-6a	0 [8]	33
Tb-156(n,n'h)Eu-153	TALYS-6a	0 [8]	30
Tb-156(n,4n)Tb-153	TALYS-6a	0	23
Tb-156(n,2np)Gd-154	TALYS-6a	0 [8]	36
Tb-156(n,3np)Gd-153	TALYS-6a	0 [8]	25
Tb-156(n,n'2p)Eu-154g	TALYS-6a	0 [4,8]	29
Tb-156(n,n'2p)Eu-154m	TALYS-6a	0 [4,7,8,8]	28
Tb-156(n,n'pa)Sm-151	TALYS-6a	0 [8]	35
Tb-156(n,g)Tb-157	MASGAM	0 [14,13]	83
Tb-156(n,p)Gd-156	TALYS-6a	0 [2]	100
Tb-156(n,d)Gd-155	TALYS-6a	0 [8]	62
Tb-156(n,t)Gd-154	TALYS-6a	0 [8]	59
Tb-156(n,h)Eu-154g	TALYS-6a	0 [4,8]	41
Tb-156(n,h)Eu-154m	TALYS-6a	0 [4,7,8,8]	40
Tb-156(n,a)Eu-153	TALYS-6a	0 [2]	100
Tb-156(n,2p)Eu-155	TALYS-6a	0 [8]	43
Tb-156(n,pa)Sm-152	TALYS-6a	0	100
Tb-156(n,pd)Eu-154g	TALYS-6a	0 [4,8]	30
Tb-156(n,pd)Eu-154m	TALYS-6a	0 [4,7,8,8]	29
Tb-156(n,pt)Eu-153	TALYS-6a	0 [8]	30
Tb-156(n,5n)Tb-152g	TALYS-6a	0	16
Tb-156(n,5n)Tb-152m	TALYS-6a	0	15
Tb-156(n,6n)Tb-151g	TALYS-6a	0	12
Tb-156(n,6n)Tb-151m	TALYS-6a	0	12
Tb-156(n,2nt)Gd-152	TALYS-6a	0 [8]	26
Tb-156(n,4np)Gd-152	TALYS-6a	0 [8]	18
Tb-156(n,3nd)Gd-152	TALYS-6a	0 [8]	20
Tb-156(n,n'da)Sm-150	TALYS-6a	0 [8]	29
Tb-156(n,2npa)Sm-150	TALYS-6a	0 [8]	28
Tb-156(n,7n)Tb-150g	TALYS-6a	0	8
Tb-156(n,7n)Tb-150m	TALYS-6a	0	7
Tb-156(n,5np)Gd-151	TALYS-6a	0 [8]	13
Tb-156(n,6np)Gd-150	TALYS-6a	0	10
Tb-156(n,4na)Eu-149	TALYS-6a	0 [8]	22
Tb-156(n,5na)Eu-148	TALYS-6a	0 [8]	15
Tb-156(n,6na)Eu-147	TALYS-6a	0 [8]	11
Tb-156(n,4nd)Gd-151	TALYS-6a	0 [8]	14
Tb-156(n,5nd)Gd-150	TALYS-6a	0	11
Tb-156(n,6nd)Gd-149	TALYS-6a	0	7
Tb-156(n,3nt)Gd-151	TALYS-6a	0 [8]	17

Tb-156(n,4nt)Gd-150	TALYS-6a	0 [8]	13
Tb-156(n,5nt)Gd-149	TALYS-6a	0 [8]	9
Tb-156(n,2nh)Eu-152g	TALYS-6a	0 [4]	22
Tb-156(n,2nh)Eu-152m	TALYS-6a	0 [4,7,8]	21
Tb-156(n,2nh)Eu-152n	TALYS-6a	0 [4,7,8]	21
Tb-156(n,3nh)Eu-151	TALYS-6a	0 [8]	16
Tb-156(n,4nh)Eu-150g	TALYS-6a	0	12
Tb-156(n,4nh)Eu-150m	TALYS-6a	0	12
Tb-156(n,3n2p)Eu-152g	TALYS-6a	0 [4]	15
Tb-156(n,3n2p)Eu-152m	TALYS-6a	0 [4,7,8]	14
Tb-156(n,3n2p)Eu-152n	TALYS-6a	0 [4,7,8]	14
Tb-156(n,3n2a)Pm-146	TALYS-6a	0 [8]	23
Tb-156(n,3npa)Sm-149	TALYS-6a	0 [8]	20
Tb-156(n,n'pd)Eu-153	TALYS-6a	0 [8]	24
Tb-156(n,n'pt)Eu-152g	TALYS-6a	0 [4]	21
Tb-156(n,n'pt)Eu-152m	TALYS-6a	0 [4,7,8]	20
Tb-156(n,n'pt)Eu-152n	TALYS-6a	0 [4,7,8]	20
Tb-156(n,n'dt)Eu-151	TALYS-6a	0 [8]	16
Tb-156(n,n'ta)Sm-149	TALYS-6a	0 [8]	27
Tb-156(n,2n2p)Eu-153	TALYS-6a	0 [8]	23
Tb-156(n,4n2p)Eu-151	TALYS-6a	0 [8]	12
Tb-156(n,4n2a)Pm-145	TALYS-6a	0 [8]	17
Tb-156(n,4npa)Sm-148	TALYS-6a	0 [8]	15
Tb-156(n,5n2p)Eu-150g	TALYS-6a	0	8
Tb-156(n,5n2p)Eu-150m	TALYS-6a	0	8
Tb-156m(n,n')Tb-156g	TALYS-6a	0 [7,10,8]	98
Tb-156m(n,n')Tb-156n	TALYS-6a	0	100
Tb-156m(n,2nd)Gd-153	TALYS-6a	0 [8,7,8]	26
Tb-156m(n,2n)Tb-155	TALYS-6a	0	51
Tb-156m(n,3n)Tb-154g	TALYS-6a	0 [4,7,8]	30
Tb-156m(n,3n)Tb-154m	TALYS-6a	0 [4,7,8]	29
Tb-156m(n,3n)Tb-154n	TALYS-6a	0 [4,7,8]	29
Tb-156m(n,n'a)Eu-152g	TALYS-6a	0 [7,4]	100
Tb-156m(n,n'a)Eu-152m	TALYS-6a	0 [7,4,7]	100
Tb-156m(n,n'a)Eu-152n	TALYS-6a	0 [7,4,7]	100
Tb-156m(n,2na)Eu-151	TALYS-6a	0 [8,7,8]	41
Tb-156m(n,3na)Eu-150g	TALYS-6a	0	28
Tb-156m(n,3na)Eu-150m	TALYS-6a	0	28
Tb-156m(n,n'p)Gd-155	TALYS-6a	0 [8,7,8]	54
Tb-156m(n,n'2a)Pm-148g	TALYS-6a	0	100
Tb-156m(n,n'2a)Pm-148m	TALYS-6a	0	100
Tb-156m(n,2n2a)Pm-147	TALYS-6a	0 [8,7,8]	30
Tb-156m(n,n'd)Gd-154	TALYS-6a	0 [8,7,8]	39
Tb-156m(n,n't)Gd-153	TALYS-6a	0 [8,7,8]	33
Tb-156m(n,n'h)Eu-153	TALYS-6a	0 [8,7,8]	30
Tb-156m(n,4n)Tb-153	TALYS-6a	0	23
Tb-156m(n,2np)Gd-154	TALYS-6a	0 [8,7,8]	36
Tb-156m(n,3np)Gd-153	TALYS-6a	0 [8,7,8]	25
Tb-156m(n,n'2p)Eu-154g	TALYS-6a	0 [4,8,7,8]	29
Tb-156m(n,n'2p)Eu-154m	TALYS-6a	0 [4,7,8,8]	28
Tb-156m(n,n'pa)Sm-151	TALYS-6a	0 [8,7,8]	35
Tb-156m(n,g)Tb-157	TALYS-5a	0 [14]	100
Tb-156m(n,p)Gd-156	TALYS-6a	0 [2,10]	100
Tb-156m(n,d)Gd-155	TALYS-6a	0 [8,7,8]	62
Tb-156m(n,t)Gd-154	TALYS-6a	0 [8,7,8]	59
Tb-156m(n,h)Eu-154g	TALYS-6a	0 [4,8,7,8]	39
Tb-156m(n,h)Eu-154m	TALYS-6a	0 [4,7,8,8]	38
Tb-156m(n,a)Eu-153	TALYS-6a	0 [2,10]	100
Tb-156m(n,2p)Eu-155	TALYS-6a	0 [8,7,8]	43
Tb-156m(n,pa)Sm-152	TALYS-6a	0	100
Tb-156m(n,pd)Eu-154g	TALYS-6a	0 [4,8,7,8]	30
Tb-156m(n,pd)Eu-154m	TALYS-6a	0 [4,7,8,8]	29
Tb-156m(n,pt)Eu-153	TALYS-6a	0 [8,7,8]	30
Tb-156m(n,5n)Tb-152g	TALYS-6a	0	16
Tb-156m(n,5n)Tb-152m	TALYS-6a	0	15
Tb-156m(n,6n)Tb-151g	TALYS-6a	0	12
Tb-156m(n,6n)Tb-151m	TALYS-6a	0	12
Tb-156m(n,2nt)Gd-152	TALYS-6a	0 [8,7,8]	26
Tb-156m(n,4np)Gd-152	TALYS-6a	0 [8,7,8]	18
Tb-156m(n,3nd)Gd-152	TALYS-6a	0 [8,7,8]	20
Tb-156m(n,n'da)Sm-150	TALYS-6a	0 [8,7,8]	29
Tb-156m(n,2npa)Sm-150	TALYS-6a	0 [8,7,8]	28
Tb-156m(n,7n)Tb-150g	TALYS-6a	0	8
Tb-156m(n,7n)Tb-150m	TALYS-6a	0	7
Tb-156m(n,5np)Gd-151	TALYS-6a	0 [8,7,8]	13
Tb-156m(n,6np)Gd-150	TALYS-6a	0	10
Tb-156m(n,4na)Eu-149	TALYS-6a	0 [8,7,8]	22
Tb-156m(n,5na)Eu-148	TALYS-6a	0 [8,7,8]	15
Tb-156m(n,6na)Eu-147	TALYS-6a	0 [8,7,8]	11
Tb-156m(n,4nd)Gd-151	TALYS-6a	0 [8,7,8]	14
Tb-156m(n,5nd)Gd-150	TALYS-6a	0 [8,7,8]	11
Tb-156m(n,6nd)Gd-149	TALYS-6a	0	7
Tb-156m(n,3nt)Gd-151	TALYS-6a	0 [8,7,8]	17
Tb-156m(n,4nt)Gd-150	TALYS-6a	0 [8,7,8]	13
Tb-156m(n,5nt)Gd-149	TALYS-6a	0 [8,7,8]	9
Tb-156m(n,2nh)Eu-152g	TALYS-6a	0 [4,7,8]	22
Tb-156m(n,2nh)Eu-152m	TALYS-6a	0 [4,7,8]	20
Tb-156m(n,2nh)Eu-152n	TALYS-6a	0 [4,7,8]	21
Tb-156m(n,3nh)Eu-151	TALYS-6a	0 [8,7,8]	16
Tb-156m(n,4nh)Eu-150g	TALYS-6a	0	12
Tb-156m(n,4nh)Eu-150m	TALYS-6a	0	12
Tb-156m(n,3n2p)Eu-152g	TALYS-6a	0 [4,7,8]	15
Tb-156m(n,3n2p)Eu-152m	TALYS-6a	0 [4,7,8]	14
Tb-156m(n,3n2p)Eu-152n	TALYS-6a	0 [4,7,8]	14
Tb-156m(n,3n2a)Pm-146	TALYS-6a	0 [8,7,8]	22
Tb-156m(n,3npa)Sm-149	TALYS-6a	0 [8,7,8]	19
Tb-156m(n,n'pd)Eu-153	TALYS-6a	0 [8,7,8]	24
Tb-156m(n,n'pt)Eu-152g	TALYS-6a	0 [4,7,8]	21
Tb-156m(n,n'pt)Eu-152m	TALYS-6a	0 [4,7,8]	20
Tb-156m(n,n'pt)Eu-152n	TALYS-6a	0 [4,7,8]	20
Tb-156m(n,n'dt)Eu-151	TALYS-6a	0 [8,7,8]	16
Tb-156m(n,n'ta)Sm-149	TALYS-6a	0 [8,7,8]	26
Tb-156m(n,2n2p)Eu-153	TALYS-6a	0 [8,7,8]	23
Tb-156m(n,4n2p)Eu-151	TALYS-6a	0 [8,7,8]	12
Tb-156m(n,4n2a)Pm-145	TALYS-6a	0 [8,7,8]	16
Tb-156m(n,4npa)Sm-148	TALYS-6a	0 [8,7,8]	15
Tb-156m(n,5n2p)Eu-150g	TALYS-6a	0	8
Tb-156m(n,5n2p)Eu-150m	TALYS-6a	0	8
Tb-156n(n,n')Tb-156g	TALYS-5a	0 [7,8]	98

Tb-156n(n,n')Tb-156m	TALYS-5a	0 [7,8]	98
Tb-156n(n,2nd)Gd-153	TALYS-5a	0 [8,7,8]	27
Tb-156n(n,2n)Tb-155	TALYS-5a	0	51
Tb-156n(n,3n)Tb-154g	TALYS-5a	0	30
Tb-156n(n,3n)Tb-154m	TALYS-5a	0	30
Tb-156n(n,3n)Tb-154n	TALYS-5a	0	30
Tb-156n(n,n'a)Eu-152g	TALYS-5a	0 [7,4]	100
Tb-156n(n,n'a)Eu-152m	TALYS-5a	0 [7,4,7]	100
Tb-156n(n,n'a)Eu-152n	TALYS-5a	0 [7,4,7]	100
Tb-156n(n,2na)Eu-151	TALYS-5a	0 [8,7,8]	41
Tb-156n(n,3na)Eu-150g	TALYS-5a	0	28
Tb-156n(n,3na)Eu-150m	TALYS-5a	0	28
Tb-156n(n,n'p)Gd-155	TALYS-5a	0 [8,7,8]	55
Tb-156n(n,n'2a)Pm-148g	TALYS-5a	0	100
Tb-156n(n,n'2a)Pm-148m	TALYS-5a	0	100
Tb-156n(n,2n2a)Pm-147	TALYS-5a	0 [8,7,8]	31
Tb-156n(n,n'd)Gd-154	TALYS-5a	0 [8,7,8]	39
Tb-156n(n,n't)Gd-153	TALYS-5a	0 [8,7,8]	33
Tb-156n(n,n'h)Eu-153	TALYS-5a	0 [8,7,8]	30
Tb-156n(n,4n)Tb-153	TALYS-5a	0	24
Tb-156n(n,2np)Gd-154	TALYS-5a	0 [8,7,8]	36
Tb-156n(n,3np)Gd-153	TALYS-5a	0 [8,7,8]	25
Tb-156n(n,n'2p)Eu-154g	TALYS-5a	0 [4,8,7,8]	29
Tb-156n(n,n'2p)Eu-154m	TALYS-5a	0 [4,7,8,8]	28
Tb-156n(n,n'pa)Sm-151	TALYS-5a	0 [8,7,8]	35
Tb-156n(n,g)Tb-157	MASGAM	0 [14,13,4]	83
Tb-156n(n,p)Gd-156	TALYS-5a	0 [2]	100
Tb-156n(n,d)Gd-155	TALYS-5a	0 [8,7,8]	62
Tb-156n(n,t)Gd-154	TALYS-5a	0 [8,7,8]	59
Tb-156n(n,h)Eu-154g	TALYS-5a	0 [4,8,7,8]	39
Tb-156n(n,h)Eu-154m	TALYS-5a	0 [4,7,8,8]	38
Tb-156n(n,a)Eu-153	TALYS-5a	0 [2]	100
Tb-156n(n,2p)Eu-155	TALYS-5a	0 [8,7,8]	43
Tb-156n(n,pa)Sm-152	TALYS-5a	0	100
Tb-156n(n,pd)Eu-154g	TALYS-5a	0 [4,8,7,8]	31
Tb-156n(n,pd)Eu-154m	TALYS-5a	0 [4,7,8,8]	30
Tb-156n(n,pt)Eu-153	TALYS-5a	0 [8,7,8]	30
Tb-156n(n,5n)Tb-152g	TALYS-5a	0	16
Tb-156n(n,5n)Tb-152m	TALYS-5a	0	15
Tb-156n(n,6n)Tb-151g	TALYS-5a	0	12
Tb-156n(n,6n)Tb-151m	TALYS-5a	0	12
Tb-156n(n,2nt)Gd-152	TALYS-5a	0 [8,7,8]	26
Tb-156n(n,4np)Gd-152	TALYS-5a	0 [8,7,8]	18
Tb-156n(n,3nd)Gd-152	TALYS-5a	0 [8,7,8]	20
Tb-156n(n,n'da)Sm-150	TALYS-5a	0 [8,7,8]	29
Tb-156n(n,2npa)Sm-150	TALYS-5a	0 [8,7,8]	28
Tb-156n(n,7n)Tb-150g	TALYS-5a	0	8
Tb-156n(n,7n)Tb-150m	TALYS-5a	0	7
Tb-156n(n,5np)Gd-151	TALYS-5a	0 [8,7,8]	13
Tb-156n(n,6np)Gd-150	TALYS-5a	0	10
Tb-156n(n,4na)Eu-149	TALYS-5a	0 [8,7,8]	22
Tb-156n(n,5na)Eu-148	TALYS-5a	0 [8,7,8]	15
Tb-156n(n,6na)Eu-147	TALYS-5a	0 [8,7,8]	12
Tb-156n(n,4nd)Gd-151	TALYS-5a	0 [8,7,8]	14
Tb-156n(n,5nd)Gd-150	TALYS-5a	0 [8,7,8]	11
Tb-156n(n,6nd)Gd-149	TALYS-5a	0	7
Tb-156n(n,3nt)Gd-151	TALYS-5a	0 [8,7,8]	18
Tb-156n(n,4nt)Gd-150	TALYS-5a	0 [8,7,8]	14
Tb-156n(n,5nt)Gd-149	TALYS-5a	0 [8,7,8]	9
Tb-156n(n,2nh)Eu-152g	TALYS-5a	0 [4,7,8]	22
Tb-156n(n,2nh)Eu-152m	TALYS-5a	0 [4,7,8]	21
Tb-156n(n,2nh)Eu-152n	TALYS-5a	0 [4,7,8]	21
Tb-156n(n,3nh)Eu-151	TALYS-5a	0 [8,7,8]	16
Tb-156n(n,4nh)Eu-150g	TALYS-5a	0	12
Tb-156n(n,4nh)Eu-150m	TALYS-5a	0	12
Tb-156n(n,3n2p)Eu-152g	TALYS-5a	0 [4,7,8]	15
Tb-156n(n,3n2p)Eu-152m	TALYS-5a	0 [4,7,8]	14
Tb-156n(n,3n2p)Eu-152n	TALYS-5a	0 [4,7,8]	14
Tb-156n(n,3n2a)Pm-146	TALYS-5a	0 [8,7,8]	19
Tb-156n(n,3npa)Sm-149	TALYS-5a	0 [8,7,8]	20
Tb-156n(n,n'pd)Eu-153	TALYS-5a	0 [8,7,8]	24
Tb-156n(n,n'pt)Eu-152g	TALYS-5a	0 [4,7,8]	22
Tb-156n(n,n'pt)Eu-152m	TALYS-5a	0 [4,7,8]	21
Tb-156n(n,n'pt)Eu-152n	TALYS-5a	0 [4,7,8]	21
Tb-156n(n,n'dt)Eu-151	TALYS-5a	0 [8,7,8]	16
Tb-156n(n,n'ta)Sm-149	TALYS-5a	0 [8,7,8]	27
Tb-156n(n,2n2p)Eu-153	TALYS-5a	0 [8,7,8]	23
Tb-156n(n,4n2p)Eu-151	TALYS-5a	0 [8,7,8]	12
Tb-156n(n,4n2a)Pm-145	TALYS-5a	0 [8,7,8]	16
Tb-156n(n,4npa)Sm-148	TALYS-5a	0 [8,7,8]	15
Tb-156n(n,5n2p)Eu-150g	TALYS-5a	0	8
Tb-156n(n,5n2p)Eu-150m	TALYS-5a	0	8
Tb-157(n,2nd)Gd-154	TALYS-6a	0 [8]	26
Tb-157(n,2n)Tb-156g	TALYS-6a	0 [4,2]	44
Tb-157(n,2n)Tb-156m	TALYS-6a	0 [4,7,8,2]	44
Tb-157(n,2n)Tb-156n	TALYS-6a	0 [4,7,8,2]	43
Tb-157(n,3n)Tb-155	TALYS-6a	0	31
Tb-157(n,n'a)Eu-153	TALYS-6a	0	100
Tb-157(n,2na)Eu-152g	TALYS-6a	0 [4]	36
Tb-157(n,2na)Eu-152m	TALYS-6a	0 [4,7,8]	35
Tb-157(n,2na)Eu-152n	TALYS-6a	0 [4,7,8]	35
Tb-157(n,3na)Eu-151	TALYS-6a	0 [8]	27
Tb-157(n,n'p)Gd-156	TALYS-6a	0 [8]	53
Tb-157(n,n'2a)Pm-149	TALYS-6a	0	100
Tb-157(n,2n2a)Pm-148g	TALYS-6a	0	27
Tb-157(n,2n2a)Pm-148m	TALYS-6a	0	27
Tb-157(n,n'd)Gd-155	TALYS-6a	0 [8]	34
Tb-157(n,n't)Gd-154	TALYS-6a	0 [8]	33
Tb-157(n,n'h)Eu-154g	TALYS-6a	0 [4,8]	27
Tb-157(n,n'h)Eu-154m	TALYS-6a	0 [4,7,8,8]	26
Tb-157(n,4n)Tb-154g	TALYS-6a	0 [4]	22
Tb-157(n,4n)Tb-154m	TALYS-6a	0 [4,7,8]	21
Tb-157(n,4n)Tb-154n	TALYS-6a	0 [4,7,8]	21
Tb-157(n,2np)Gd-155	TALYS-6a	0 [8]	31
Tb-157(n,3np)Gd-154	TALYS-6a	0 [8]	25
Tb-157(n,n'2p)Eu-155	TALYS-6a	0 [8]	28
Tb-157(n,n'pa)Sm-152	TALYS-6a	0 [8]	34
Tb-157(n,g)Tb-158g	MASGAM	0 [14,13,4,6]	83
Tb-157(n,g)Tb-158m	MASGAM	0 [14,13,4,6]	83

Tb-157(n,p)Gd-157	TALYS-6a	0 [2]	100
Tb-157(n,d)Gd-156	TALYS-6a	0 [8]	61
Tb-157(n,t)Gd-155	TALYS-6a	0 [8]	47
Tb-157(n,h)Eu-155	TALYS-6a	0 [8]	40
Tb-157(n,a)Eu-154g	TALYS-6a	0 [4,2]	100
Tb-157(n,a)Eu-154m	TALYS-6a	0 [4,7,2]	100
Tb-157(n,2p)Eu-156	TALYS-6a	0 [8]	38
Tb-157(n,pd)Eu-155	TALYS-6a	0 [8]	30
Tb-157(n,5n)Tb-153	TALYS-6a	0	16
Tb-157(n,6n)Tb-152g	TALYS-6a	0	11
Tb-157(n,6n)Tb-152m	TALYS-6a	0	11
Tb-157(n,2nt)Gd-153	TALYS-6a	0 [8]	23
Tb-157(n,4np)Gd-153	TALYS-6a	0 [8]	16
Tb-157(n,3nd)Gd-153	TALYS-6a	0 [8]	18
Tb-157(n,n'da)Sm-151	TALYS-6a	0 [8]	25
Tb-157(n,2npa)Sm-151	TALYS-6a	0 [8]	24
Tb-157(n,7n)Tb-151g	TALYS-6a	0	8
Tb-157(n,7n)Tb-151m	TALYS-6a	0	8
Tb-157(n,5np)Gd-152	TALYS-6a	0 [8]	13
Tb-157(n,6np)Gd-151	TALYS-6a	0	9
Tb-157(n,7np)Gd-150	TALYS-6a	0	6
Tb-157(n,4na)Eu-150g	TALYS-6a	0	19
Tb-157(n,4na)Eu-150m	TALYS-6a	0	19
Tb-157(n,5na)Eu-149	TALYS-6a	0 [8]	15
Tb-157(n,6na)Eu-148	TALYS-6a	0 [8]	10
Tb-157(n,7na)Eu-147	TALYS-6a	0 [8]	7
Tb-157(n,4nd)Gd-152	TALYS-6a	0 [8]	14
Tb-157(n,5nd)Gd-151	TALYS-6a	0 [8]	9
Tb-157(n,6nd)Gd-150	TALYS-6a	0 [8]	6
Tb-157(n,3nt)Gd-152	TALYS-6a	0 [8]	17
Tb-157(n,4nt)Gd-151	TALYS-6a	0 [8]	12
Tb-157(n,5nt)Gd-150	TALYS-6a	0 [8]	9
Tb-157(n,2nh)Eu-153	TALYS-6a	0 [8]	21
Tb-157(n,3nh)Eu-152g	TALYS-6a	0 [4]	15
Tb-157(n,3nh)Eu-152m	TALYS-6a	0 [4,7,8]	14
Tb-157(n,3nh)Eu-152n	TALYS-6a	0 [4,7,8]	14
Tb-157(n,4nh)Eu-151	TALYS-6a	0 [8]	11
Tb-157(n,3n2p)Eu-153	TALYS-6a	0 [8]	15
Tb-157(n,3n2a)Pm-147	TALYS-6a	0 [8]	21
Tb-157(n,3npa)Sm-150	TALYS-6a	0 [8]	18
Tb-157(n,n'pd)Eu-154g	TALYS-6a	0 [4,8]	22
Tb-157(n,n'pd)Eu-154m	TALYS-6a	0 [4,7,8,8]	21
Tb-157(n,n'pt)Eu-153	TALYS-6a	0 [8]	21
Tb-157(n,n'dt)Eu-152g	TALYS-6a	0 [4]	15
Tb-157(n,n'dt)Eu-152m	TALYS-6a	0 [4,7,8]	14
Tb-157(n,n'dt)Eu-152n	TALYS-6a	0 [4,7,8]	14
Tb-157(n,n'ta)Sm-150	TALYS-6a	0 [8]	25
Tb-157(n,2n2p)Eu-154g	TALYS-6a	0 [4,8]	20
Tb-157(n,2n2p)Eu-154m	TALYS-6a	0 [4,7,8,8]	19
Tb-157(n,4n2p)Eu-152g	TALYS-6a	0 [4]	11
Tb-157(n,4n2p)Eu-152m	TALYS-6a	0 [4,7,8]	10
Tb-157(n,4n2p)Eu-152n	TALYS-6a	0 [4,7,8]	10
Tb-157(n,4n2a)Pm-146	TALYS-6a	0 [8]	15
Tb-157(n,4npa)Sm-149	TALYS-6a	0 [8]	13
Tb-157(n,5n2p)Eu-151	TALYS-6a	0 [8]	8
Tb-158(n,n')Tb-158m	TALYS-6a	0	89
Tb-158(n,2nd)Gd-155	TALYS-6a	0 [8]	26
Tb-158(n,2n)Tb-157	TALYS-6a	0	51
Tb-158(n,3n)Tb-156g	TALYS-6a	0 [4]	31
Tb-158(n,3n)Tb-156m	TALYS-6a	0 [4,7,8]	31
Tb-158(n,3n)Tb-156n	TALYS-6a	0 [4,7,8]	30
Tb-158(n,n'a)Eu-154g	TALYS-6a	0 [4,8]	62
Tb-158(n,n'a)Eu-154m	TALYS-6a	0 [4,7,8,8]	61
Tb-158(n,2na)Eu-153	TALYS-6a	0 [8]	39
Tb-158(n,3na)Eu-152g	TALYS-6a	0 [4]	27
Tb-158(n,3na)Eu-152m	TALYS-6a	0 [4,7,8]	26
Tb-158(n,3na)Eu-152n	TALYS-6a	0 [4,7,8]	26
Tb-158(n,n'p)Gd-157	TALYS-6a	0 [8]	51
Tb-158(n,n'2a)Pm-150	TALYS-6a	0 [8]	29
Tb-158(n,2n2a)Pm-149	TALYS-6a	0 [8]	27
Tb-158(n,n'd)Gd-156	TALYS-6a	0 [8]	38
Tb-158(n,n't)Gd-155	TALYS-6a	0 [8]	32
Tb-158(n,n'h)Eu-155	TALYS-6a	0 [8]	29
Tb-158(n,4n)Tb-155	TALYS-6a	0	24
Tb-158(n,2np)Gd-156	TALYS-6a	0 [8]	35
Tb-158(n,3np)Gd-155	TALYS-6a	0 [8]	25
Tb-158(n,n'2p)Eu-156	TALYS-6a	0 [8]	28
Tb-158(n,n'pa)Sm-153	TALYS-6a	0 [8]	31
Tb-158(n,g)Tb-159	MASGAM	0 [14,13]	83
Tb-158(n,p)Gd-158	TALYS-6a	0 [2]	100
Tb-158(n,d)Gd-157	TALYS-6a	0 [8]	58
Tb-158(n,t)Gd-156	TALYS-6a	0 [8]	56
Tb-158(n,h)Eu-156	TALYS-6a	0 [8]	38
Tb-158(n,a)Eu-155	TALYS-6a	0 [2]	100
Tb-158(n,2p)Eu-157	TALYS-6a	0 [8]	39
Tb-158(n,pd)Eu-156	TALYS-6a	0 [8]	29
Tb-158(n,5n)Tb-154g	TALYS-6a	0 [4]	16
Tb-158(n,5n)Tb-154m	TALYS-6a	0 [4,7,8]	15
Tb-158(n,5n)Tb-154n	TALYS-6a	0 [4,7,8]	15
Tb-158(n,6n)Tb-153	TALYS-6a	0	12
Tb-158(n,2nt)Gd-154	TALYS-6a	0 [8]	25
Tb-158(n,4np)Gd-154	TALYS-6a	0 [8]	18
Tb-158(n,3nd)Gd-154	TALYS-6a	0 [8]	20
Tb-158(n,n'da)Sm-152	TALYS-6a	0 [8]	27
Tb-158(n,2npa)Sm-152	TALYS-6a	0 [8]	26
Tb-158(n,7n)Tb-152g	TALYS-6a	0	8
Tb-158(n,7n)Tb-152m	TALYS-6a	0	8
Tb-158(n,5np)Gd-153	TALYS-6a	0	13
Tb-158(n,6np)Gd-152	TALYS-6a	0	10
Tb-158(n,7np)Gd-151	TALYS-6a	0	6
Tb-158(n,4na)Eu-151	TALYS-6a	0 [8]	20
Tb-158(n,5na)Eu-150g	TALYS-6a	0	14
Tb-158(n,5na)Eu-150m	TALYS-6a	0	14
Tb-158(n,6na)Eu-149	TALYS-6a	0 [8]	11
Tb-158(n,7na)Eu-148	TALYS-6a	0 [8]	7
Tb-158(n,4nd)Gd-153	TALYS-6a	0	14
Tb-158(n,5nd)Gd-152	TALYS-6a	0 [8]	10
Tb-158(n,6nd)Gd-151	TALYS-6a	0 [8]	6
Tb-158(n,3nt)Gd-153	TALYS-6a	0 [8]	16

Reaction	Library			
Tb-158(n,4nt)Gd-152	TALYS-6a	0	[8]	13
Tb-158(n,5nt)Gd-151	TALYS-6a	0	[8]	9
Tb-158(n,6nt)Gd-150	TALYS-6a	0	[8]	6
Tb-158(n,2nh)Eu-154g	TALYS-6a	0	[4,8]	21
Tb-158(n,2nh)Eu-154m	TALYS-6a	0	[4,7,8,8]	20
Tb-158(n,3nh)Eu-153	TALYS-6a	0	[8]	16
Tb-158(n,4nh)Eu-152g	TALYS-6a	0	[4]	11
Tb-158(n,4nh)Eu-152m	TALYS-6a	0	[4,7,8]	10
Tb-158(n,4nh)Eu-152n	TALYS-6a	0	[4,7,8]	10
Tb-158(n,3n2p)Eu-154g	TALYS-6a	0	[4,8]	15
Tb-158(n,3n2p)Eu-154m	TALYS-6a	0	[4,7,8,8]	14
Tb-158(n,3n2a)Pm-148g	TALYS-6a	0		19
Tb-158(n,3n2a)Pm-148m	TALYS-6a	0		19
Tb-158(n,3npa)Sm-151	TALYS-6a	0	[8]	17
Tb-158(n,n'pd)Eu-155	TALYS-6a	0	[8]	23
Tb-158(n,n'pt)Eu-154g	TALYS-6a	0	[4,8]	20
Tb-158(n,n'pt)Eu-154m	TALYS-6a	0	[4,7,8,8]	19
Tb-158(n,dt)Eu-153	TALYS-6a	0	[8]	16
Tb-158(n,n'ta)Sm-151	TALYS-6a	0	[8]	24
Tb-158(n,2n2p)Eu-155	TALYS-6a	0	[8]	21
Tb-158(n,4n2p)Eu-153	TALYS-6a	0	[8]	12
Tb-158(n,4n2a)Pm-147	TALYS-6a	0	[8]	15
Tb-158(n,4npa)Sm-150	TALYS-6a	0	[8]	14
Tb-158(n,5n2p)Eu-152g	TALYS-6a	0	[4]	7
Tb-158(n,5n2p)Eu-152m	TALYS-6a	0	[4,7,8]	6
Tb-158(n,5n2p)Eu-152n	TALYS-6a	0	[4,7,8]	6
Tb-159(n,2nd)Gd-156	TALYS-6a	0	[8]	26
Tb-159(n,2n)Tb-158g	CRP	4	[13,4,3]	41
Tb-159(n,2n)Tb-158m	ADL-3/I	5	[13,3]	41
Tb-159(n,3n)Tb-157	TALYS-6a	0		31
Tb-159(n,n'a)Eu-155	TALYS-6a	0	[8]	62
Tb-159(n,2na)Eu-154g	TALYS-6a	0	[4,8]	36
Tb-159(n,2na)Eu-154m	TALYS-6a	0	[4,7,8,8]	35
Tb-159(n,3na)Eu-153	TALYS-6a	0	[8]	27
Tb-159(n,n'p)Gd-158	TALYS-6a	0	[8]	50
Tb-159(n,n'2a)Pm-151	TALYS-6a	0	[8]	33
Tb-159(n,2n2a)Pm-150	TALYS-6a	0	[8]	20
Tb-159(n,n'd)Gd-157	TALYS-6a	0	[8]	34
Tb-159(n,n't)Gd-156	TALYS-6a	0	[8]	33
Tb-159(n,n'h)Eu-156	TALYS-6a	0	[8]	27
Tb-159(n,4n)Tb-156g	TALYS-6a	0	[4]	23
Tb-159(n,4n)Tb-156m	TALYS-6a	0	[4,7,8]	23
Tb-159(n,4n)Tb-156n	TALYS-6a	0	[4,7,8]	22
Tb-159(n,2np)Gd-157	TALYS-6a	0	[8]	31
Tb-159(n,3np)Gd-156	TALYS-6a	0	[8]	25
Tb-159(n,n'2p)Eu-157	TALYS-6a	0	[8]	27
Tb-159(n,n'pa)Sm-154	TALYS-6a	0	[8]	31
Tb-159(n,g)Tb-160	JEF-2.2	4	[14,13]	5762
Tb-159(n,p)Gd-159	ADL-3	6	[13]	43
Tb-159(n,d)Gd-158	TALYS-6a	0	[8]	58
Tb-159(n,t)Gd-157	TALYS-5	5	[8]	48
Tb-159(n,h)Eu-157	TALYS-6a	1	[8]	37
Tb-159(n,a)Eu-156	TALYS-5	6	[9,3]	5606
Tb-159(n,2p)Eu-158	TALYS-6a	0	[8]	31
Tb-159(n,pd)Eu-157	TALYS-6a	0	[8]	28
Tb-159(n,5n)Tb-155	TALYS-6a	0		16
Tb-159(n,6n)Tb-154g	TALYS-6a	0	[4,8]	11
Tb-159(n,6n)Tb-154m	TALYS-6a	0	[4,7,8,8]	10
Tb-159(n,6n)Tb-154n	TALYS-6a	0	[4,7,8,8]	10
Tb-159(n,2nt)Gd-155	TALYS-6a	0	[8]	24
Tb-159(n,4np)Gd-155	TALYS-6a	0		17
Tb-159(n,3nd)Gd-155	TALYS-6a	0	[8]	18
Tb-159(n,n'da)Sm-153	TALYS-6a	0	[8]	24
Tb-159(n,2npa)Sm-153	TALYS-6a	0	[8]	23
Tb-159(n,7n)Tb-153	TALYS-6a	0		8
Tb-159(n,5np)Gd-154	TALYS-6a	0	[8]	13
Tb-159(n,6np)Gd-153	TALYS-6a	0		9
Tb-159(n,7np)Gd-152	TALYS-6a	0		6
Tb-159(n,4na)Eu-152g	TALYS-6a	0	[4]	18
Tb-159(n,4na)Eu-152m	TALYS-6a	0	[4,7,8]	17
Tb-159(n,4na)Eu-152n	TALYS-6a	0	[4,7,8]	17
Tb-159(n,5na)Eu-151	TALYS-6a	0	[8]	14
Tb-159(n,6na)Eu-150g	TALYS-6a	0		10
Tb-159(n,6na)Eu-150m	TALYS-6a	0		10
Tb-159(n,7na)Eu-149	TALYS-6a	0	[8]	7
Tb-159(n,4nd)Gd-154	TALYS-6a	0	[8]	14
Tb-159(n,5nd)Gd-153	TALYS-6a	0		10
Tb-159(n,6nd)Gd-152	TALYS-6a	0		7
Tb-159(n,3nt)Gd-154	TALYS-6a	0	[8]	17
Tb-159(n,4nt)Gd-153	TALYS-6a	0	[8]	12
Tb-159(n,5nt)Gd-152	TALYS-6a	0	[8]	9
Tb-159(n,6nt)Gd-151	TALYS-6a	0	[8]	5
Tb-159(n,2nh)Eu-155	TALYS-6a	0	[8]	21
Tb-159(n,3nh)Eu-154g	TALYS-6a	0	[4,8]	15
Tb-159(n,3nh)Eu-154m	TALYS-6a	0	[4,7,8,8]	14
Tb-159(n,4nh)Eu-153	TALYS-6a	0	[8]	11
Tb-159(n,3n2p)Eu-155	TALYS-6a	0	[8]	15
Tb-159(n,3n2a)Pm-149	TALYS-6a	0	[8]	18
Tb-159(n,3npa)Sm-152	TALYS-6a	0	[8]	17
Tb-159(n,n'pd)Eu-156	TALYS-6a	0	[8]	21
Tb-159(n,n'pt)Eu-155	TALYS-6a	0	[8]	20
Tb-159(n,n'dt)Eu-154g	TALYS-6a	0	[4,8]	15
Tb-159(n,n'dt)Eu-154m	TALYS-6a	0	[4,7,8,8]	14
Tb-159(n,n'ta)Sm-152	TALYS-6a	0	[8]	24
Tb-159(n,2n2p)Eu-156	TALYS-6a	0	[8]	19
Tb-159(n,4n2p)Eu-154g	TALYS-6a	0	[4,8]	11
Tb-159(n,4n2p)Eu-154m	TALYS-6a	0	[4,7,8,8]	10
Tb-159(n,4n2a)Pm-148g	TALYS-6a	0		13
Tb-159(n,4n2a)Pm-148m	TALYS-6a	0		13
Tb-159(n,4npa)Sm-151	TALYS-6a	0	[8]	13
Tb-159(n,5n2p)Eu-153	TALYS-6a	0	[8]	8
Tb-160(n,2nd)Gd-157	TALYS-6a	0	[8]	26
Tb-160(n,2n)Tb-159	TALYS-6a	0		53
Tb-160(n,3n)Tb-158g	TALYS-6a	0		32
Tb-160(n,3n)Tb-158m	TALYS-6a	0		32
Tb-160(n,n'a)Eu-156	TALYS-6a	0	[8]	62
Tb-160(n,2na)Eu-155	TALYS-6a	0	[8]	40
Tb-160(n,3na)Eu-154g	TALYS-6a	0	[4,8]	27
Tb-160(n,3na)Eu-154m	TALYS-6a	0	[4,7,8,8]	26
Tb-160(n,n'p)Gd-159	TALYS-6a	0	[8]	47
Tb-160(n,2n2a)Pm-151	TALYS-6a	0	[8]	25
Tb-160(n,n'd)Gd-158	TALYS-6a	0	[8]	37
Tb-160(n,n't)Gd-157	TALYS-6a	0	[8]	33
Tb-160(n,n'h)Eu-157	TALYS-6a	0	[8]	28
Tb-160(n,4n)Tb-157	TALYS-6a	0		25
Tb-160(n,2np)Gd-158	TALYS-6a	0	[8]	34
Tb-160(n,3np)Gd-157	TALYS-6a	0	[8]	25
Tb-160(n,n'2p)Eu-158	TALYS-6a	0	[8]	26
Tb-160(n,n'pa)Sm-155	TALYS-6a	0	[8]	30
Tb-160(n,g)Tb-161	NGAMMA	2	[13]	248
Tb-160(n,p)Gd-160	TALYS-6a	0	[2]	100
Tb-160(n,d)Gd-159	TALYS-6a	0	[8]	55
Tb-160(n,t)Gd-158	TALYS-6a	0	[8]	55
Tb-160(n,h)Eu-158	TALYS-6a	0	[8]	33
Tb-160(n,a)Eu-157	TALYS-6a	0	[2]	100
Tb-160(n,2p)Eu-159	TALYS-6a	0	[8]	35
Tb-160(n,pd)Eu-158	TALYS-6a	0	[8]	27
Tb-160(n,5n)Tb-156g	TALYS-6a	0	[4]	16
Tb-160(n,5n)Tb-156m	TALYS-6a	0	[4,7,8]	16
Tb-160(n,5n)Tb-156n	TALYS-6a	0	[4,7,8]	15
Tb-160(n,6n)Tb-155	TALYS-6a	0		13
Tb-160(n,2nt)Gd-156	TALYS-6a	0	[8]	26
Tb-160(n,4np)Gd-156	TALYS-6a	0	[8]	19
Tb-160(n,3nd)Gd-156	TALYS-6a	0	[8]	20
Tb-160(n,n'da)Sm-154	TALYS-6a	0	[8]	26
Tb-160(n,2npa)Sm-154	TALYS-6a	0	[8]	25
Tb-160(n,7n)Tb-154g	TALYS-6a	0	[4]	8
Tb-160(n,7n)Tb-154m	TALYS-6a	0	[4,7,8]	7
Tb-160(n,7n)Tb-154n	TALYS-6a	0	[4,7,8]	7
Tb-160(n,8n)Tb-153	TALYS-6a	0		5
Tb-160(n,5np)Gd-155	TALYS-6a	0	[8]	13
Tb-160(n,6np)Gd-154	TALYS-6a	0		10
Tb-160(n,7np)Gd-153	TALYS-6a	0		6
Tb-160(n,4na)Eu-153	TALYS-6a	0	[8]	21
Tb-160(n,5na)Eu-152g	TALYS-6a	0	[4]	14
Tb-160(n,5na)Eu-152m	TALYS-6a	0	[4,7,8]	13
Tb-160(n,5na)Eu-152n	TALYS-6a	0	[4,7,8]	13
Tb-160(n,6na)Eu-151	TALYS-6a	0	[8]	11
Tb-160(n,7na)Eu-150g	TALYS-6a	0		7
Tb-160(n,7na)Eu-150m	TALYS-6a	0		7
Tb-160(n,4nd)Gd-155	TALYS-6a	0	[8]	14
Tb-160(n,5nd)Gd-154	TALYS-6a	0	[8]	11
Tb-160(n,6nd)Gd-153	TALYS-6a	0	[8]	6
Tb-160(n,3nt)Gd-155	TALYS-6a	0	[8]	17
Tb-160(n,4nt)Gd-154	TALYS-6a	0	[8]	14
Tb-160(n,5nt)Gd-153	TALYS-6a	0	[8]	9
Tb-160(n,6nt)Gd-152	TALYS-6a	0	[8]	6
Tb-160(n,2nh)Eu-156	TALYS-6a	0	[8]	21
Tb-160(n,3nh)Eu-155	TALYS-6a	0	[8]	16
Tb-160(n,4nh)Eu-154g	TALYS-6a	0	[4,8]	12
Tb-160(n,4nh)Eu-154m	TALYS-6a	0	[4,7,8,8]	11
Tb-160(n,3n2p)Eu-156	TALYS-6a	0	[8]	15
Tb-160(n,3n2a)Pm-150	TALYS-6a	0	[8]	15
Tb-160(n,3npa)Sm-153	TALYS-6a	0	[8]	16
Tb-160(n,n'pd)Eu-157	TALYS-6a	0	[8]	22
Tb-160(n,n'pt)Eu-156	TALYS-6a	0	[8]	20
Tb-160(n,n'dt)Eu-155	TALYS-6a	0	[8]	16
Tb-160(n,n'ta)Sm-153	TALYS-6a	0	[8]	23
Tb-160(n,2n2p)Eu-157	TALYS-6a	0	[8]	20
Tb-160(n,4n2p)Eu-155	TALYS-6a	0	[8]	12
Tb-160(n,4n2a)Pm-149	TALYS-6a	0	[8]	14
Tb-160(n,4npa)Sm-152	TALYS-6a	0	[8]	13
Tb-161(n,2nd)Gd-158	TALYS-6a	0	[8]	27
Tb-161(n,2n)Tb-160	TALYS-6a	0		47
Tb-161(n,3n)Tb-159	TALYS-6a	0		33
Tb-161(n,n'a)Eu-157	TALYS-6a	0	[8]	61
Tb-161(n,2na)Eu-156	TALYS-6a	0	[8]	37
Tb-161(n,3na)Eu-155	TALYS-6a	0	[8]	28
Tb-161(n,n'p)Gd-160	TALYS-6a	0	[8]	46
Tb-161(n,2n2a)Pm-152g	TALYS-6a	0	[4]	21
Tb-161(n,2n2a)Pm-152m	TALYS-6a	0	[4,7,8]	20
Tb-161(n,2n2a)Pm-152n	TALYS-6a	0	[4,7,8]	20
Tb-161(n,n'd)Gd-159	TALYS-6a	0	[8]	34
Tb-161(n,n't)Gd-158	TALYS-6a	0	[8]	34
Tb-161(n,n'h)Eu-158	TALYS-6a	0	[8]	26
Tb-161(n,4n)Tb-158g	TALYS-6a	0		24
Tb-161(n,4n)Tb-158m	TALYS-6a	0		24
Tb-161(n,2np)Gd-159	TALYS-6a	0	[8]	31
Tb-161(n,3np)Gd-158	TALYS-6a	0	[8]	25
Tb-161(n,n'2p)Eu-159	TALYS-6a	0	[8]	25
Tb-161(n,n'pa)Sm-156	TALYS-6a	0	[8]	30
Tb-161(n,g)Tb-162	MASGAM	0	[14,13]	83
Tb-161(n,p)Gd-161	TALYS-6a	0	[2,8]	75
Tb-161(n,d)Gd-160	TALYS-6a	0	[8]	54
Tb-161(n,t)Gd-159	TALYS-6a	0	[8]	46
Tb-161(n,h)Eu-159	TALYS-6a	0	[8]	34
Tb-161(n,a)Eu-158	TALYS-6a	0	[2]	100
Tb-161(n,2p)Eu-160	TALYS-6a	0	[8]	28
Tb-161(n,pd)Eu-159	TALYS-6a	0	[8]	26
Tb-161(n,5n)Tb-157	TALYS-6a	0		17
Tb-161(n,6n)Tb-156g	TALYS-6a	0	[4]	13
Tb-161(n,6n)Tb-156m	TALYS-6a	0	[4,7,8]	12
Tb-161(n,6n)Tb-156n	TALYS-6a	0	[4,7,8]	11
Tb-161(n,2nt)Gd-157	TALYS-6a	0	[8]	24
Tb-161(n,4np)Gd-157	TALYS-6a	0	[8]	17
Tb-161(n,3nd)Gd-157	TALYS-6a	0	[8]	19
Tb-161(n,2npa)Sm-155	TALYS-6a	0	[8]	23
Tb-161(n,7n)Tb-155	TALYS-6a	0		9
Tb-161(n,8n)Tb-154g	TALYS-6a	0	[4]	4
Tb-161(n,8n)Tb-154m	TALYS-6a	0	[4,7,8]	3
Tb-161(n,8n)Tb-154n	TALYS-6a	0	[4,7,8]	3
Tb-161(n,5np)Gd-156	TALYS-6a	0		14
Tb-161(n,6np)Gd-155	TALYS-6a	0		10
Tb-161(n,7np)Gd-154	TALYS-6a	0		6
Tb-161(n,4na)Eu-154g	TALYS-6a	0	[4,8]	19
Tb-161(n,4na)Eu-154m	TALYS-6a	0	[4,7,8,8]	18
Tb-161(n,5na)Eu-153	TALYS-6a	0	[8]	15
Tb-161(n,6na)Eu-152g	TALYS-6a	0	[4]	10

Reaction	Library	Flag	Value
Tb-161(n,6na)Eu-152m	TALYS-6a	0 [4,7,8]	9
Tb-161(n,6na)Eu-152n	TALYS-6a	0 [4,7,8]	9
Tb-161(n,7na)Eu-151	TALYS-6a	0 [8]	7
Tb-161(n,4nd)Gd-156	TALYS-6a	0 [8]	14
Tb-161(n,5nd)Gd-155	TALYS-6a	0 [8]	10
Tb-161(n,6nd)Gd-154	TALYS-6a	0 [8]	7
Tb-161(n,3nt)Gd-156	TALYS-6a	0 [8]	18
Tb-161(n,4nt)Gd-155	TALYS-6a	0 [8]	13
Tb-161(n,5nt)Gd-154	TALYS-6a	0 [8]	10
Tb-161(n,6nt)Gd-153	TALYS-6a	0 [8]	5
Tb-161(n,2nh)Eu-157	TALYS-6a	0 [8]	21
Tb-161(n,3nh)Eu-156	TALYS-6a	0 [8]	15
Tb-161(n,4nh)Eu-155	TALYS-6a	0 [8]	12
Tb-161(n,3n2p)Eu-157	TALYS-6a	0 [8]	15
Tb-161(n,3n2a)Pm-151	TALYS-6a	0 [8]	16
Tb-161(n,3npa)Sm-154	TALYS-6a	0 [8]	16
Tb-161(n,n'pd)Eu-158	TALYS-6a	0 [8]	20
Tb-161(n,n'pt)Eu-157	TALYS-6a	0 [8]	20
Tb-161(n,n'ta)Sm-154	TALYS-6a	0 [8]	24
Tb-161(n,2n2p)Eu-158	TALYS-6a	0 [8]	19
Tb-161(n,4n2p)Eu-156	TALYS-6a	0 [8]	11
Tb-161(n,4n2a)Pm-150	TALYS-6a	0 [8]	11
Tb-161(n,4npa)Sm-153	TALYS-6a	0 [8]	12
Tb-161(n,5n2p)Eu-155	TALYS-6a	0 [8]	8
Dy-153(n,2nd)Tb-150g	TALYS-6a	0	26
Dy-153(n,2nd)Tb-150m	TALYS-6a	0	25
Dy-153(n,2n)Dy-152	TALYS-6a	0	50
Dy-153(n,3n)Dy-151	TALYS-6a	0	30
Dy-153(n,n'a)Gd-149	TALYS-6a	0	100
Dy-153(n,2na)Gd-148	TALYS-6a	0 [8]	46
Dy-153(n,3na)Gd-147	TALYS-6a	0 [8]	30
Dy-153(n,n'p)Tb-152g	TALYS-6a	0 [4,8]	52
Dy-153(n,n'p)Tb-152m	TALYS-6a	0 [4,7,8,8]	51
Dy-153(n,n'2a)Sm-145	TALYS-6a	0	100
Dy-153(n,2n2a)Sm-144	TALYS-6a	0 [8]	41
Dy-153(n,n'd)Tb-151g	TALYS-6a	0	37
Dy-153(n,n'd)Tb-151m	TALYS-6a	0	36
Dy-153(n,n't)Tb-150g	TALYS-6a	0	31
Dy-153(n,n't)Tb-150m	TALYS-6a	0	31
Dy-153(n,n'h)Gd-150	TALYS-6a	0 [8]	35
Dy-153(n,n'd2a)Pm-143	TALYS-6a	0 [8]	25
Dy-153(n,4n)Dy-150	TALYS-6a	0	22
Dy-153(n,2np)Tb-151g	TALYS-6a	0	34
Dy-153(n,2np)Tb-151m	TALYS-6a	0	34
Dy-153(n,3np)Tb-150g	TALYS-6a	0	24
Dy-153(n,3np)Tb-150m	TALYS-6a	0	23
Dy-153(n,n'2p)Gd-151	TALYS-6a	0 [8]	35
Dy-153(n,n'pa)Eu-148	TALYS-6a	0 [8]	43
Dy-153(n,g)Dy-154	TALYS-6a	0 [14]	100
Dy-153(n,p)Tb-153	TALYS-6a	0 [2]	100
Dy-153(n,d)Tb-152g	TALYS-6a	0 [4,8]	60
Dy-153(n,d)Tb-152m	TALYS-6a	0 [4,7,8,8]	59
Dy-153(n,t)Tb-151g	TALYS-6a	0	53
Dy-153(n,t)Tb-151m	TALYS-6a	0	53
Dy-153(n,h)Gd-151	TALYS-6a	0 [8]	52
Dy-153(n,a)Gd-150	TALYS-6a	0 [2]	100
Dy-153(n,2a)Sm-146	TALYS-6a	0	100
Dy-153(n,2p)Gd-152	TALYS-6a	0 [8]	64
Dy-153(n,pa)Eu-149	TALYS-6a	0	100
Dy-153(n,pd)Gd-151	TALYS-6a	0 [8]	38
Dy-153(n,pt)Gd-150	TALYS-6a	0 [8]	36
Dy-153(n,da)Eu-148	TALYS-6a	0 [8]	44
Dy-153(n,5n)Dy-149	TALYS-6a	0	15
Dy-153(n,6n)Dy-148	TALYS-6a	0	11
Dy-153(n,2nt)Tb-149g	TALYS-6a	0	23
Dy-153(n,2nt)Tb-149m	TALYS-6a	0	23
Dy-153(n,ta)Eu-147	TALYS-6a	0 [8]	43
Dy-153(n,4np)Tb-149g	TALYS-6a	0	16
Dy-153(n,4np)Tb-149m	TALYS-6a	0	16
Dy-153(n,3nd)Tb-149g	TALYS-6a	0	18
Dy-153(n,3nd)Tb-149m	TALYS-6a	0	18
Dy-153(n,n'da)Eu-147	TALYS-6a	0 [8]	31
Dy-153(n,2npa)Eu-147	TALYS-6a	0 [8]	30
Dy-153(n,5np)Tb-148g	TALYS-6a	0	12
Dy-153(n,5np)Tb-148m	TALYS-6a	0	12
Dy-153(n,4na)Gd-146	TALYS-6a	0 [8]	22
Dy-153(n,5na)Gd-145g	TALYS-6a	0	14
Dy-153(n,5na)Gd-145m	TALYS-6a	0	13
Dy-153(n,4nd)Tb-148g	TALYS-6a	0	13
Dy-153(n,4nd)Tb-148m	TALYS-6a	0	13
Dy-153(n,3nt)Tb-148g	TALYS-6a	0	15
Dy-153(n,3nt)Tb-148m	TALYS-6a	0	15
Dy-153(n,4nt)Tb-147g	TALYS-6a	0	11
Dy-153(n,4nt)Tb-147m	TALYS-6a	0	11
Dy-153(n,2nh)Gd-149	TALYS-6a	0 [8]	25
Dy-153(n,3nh)Gd-148	TALYS-6a	0 [8]	18
Dy-153(n,4nh)Gd-147	TALYS-6a	0 [8]	13
Dy-153(n,3n2p)Gd-149	TALYS-6a	0 [8]	18
Dy-153(n,3n2a)Sm-143g	TALYS-6a	0	25
Dy-153(n,3n2a)Sm-143m	TALYS-6a	0	24
Dy-153(n,3npa)Eu-146	TALYS-6a	0 [8]	21
Dy-153(n,n'pd)Gd-150	TALYS-6a	0 [8]	28
Dy-153(n,n'pt)Gd-149	TALYS-6a	0 [8]	25
Dy-153(n,n'dt)Gd-148	TALYS-6a	0 [8]	18
Dy-153(n,n'ph)Eu-149	TALYS-6a	0 [8]	22
Dy-153(n,n'dh)Eu-148	TALYS-6a	0 [8]	15
Dy-153(n,n'th)Eu-147	TALYS-6a	0 [8]	14
Dy-153(n,n'ta)Eu-146	TALYS-6a	0 [8]	29
Dy-153(n,2n2p)Gd-150	TALYS-6a	0 [8]	27
Dy-153(n,ph)Eu-150g	TALYS-6a	0	28
Dy-153(n,ph)Eu-150m	TALYS-6a	0	27
Dy-153(n,ha)Sm-147	TALYS-6a	0	100
Dy-153(n,4n2p)Gd-148	TALYS-6a	0 [8]	14
Dy-153(n,4n2a)Sm-142	TALYS-6a	0 [8]	16
Dy-153(n,4npa)Eu-145	TALYS-6a	0 [8]	16
Dy-153(n,n'3p)Eu-150g	TALYS-6a	0	21
Dy-153(n,n'3p)Eu-150m	TALYS-6a	0	21
Dy-153(n,3n2pa)Sm-145	TALYS-6a	0 [8]	16
Dy-153(n,5n2p)Gd-147	TALYS-6a	0 [8]	9
Dy-154(n,2nd)Tb-151g	TALYS-6a	0	25
Dy-154(n,2nd)Tb-151m	TALYS-6a	0	25
Dy-154(n,2n)Dy-153	TALYS-6a	0	43
Dy-154(n,3n)Dy-152	TALYS-6a	0	30
Dy-154(n,n'a)Gd-150	TALYS-6a	0	100
Dy-154(n,n'3a)Nd-142	TALYS-6a	0	100
Dy-154(n,2na)Gd-149	TALYS-6a	0 [8]	41
Dy-154(n,3na)Gd-148	TALYS-6a	0 [8]	29
Dy-154(n,n'p)Tb-153	TALYS-6a	0 [8]	49
Dy-154(n,n'2a)Sm-146	TALYS-6a	0	100
Dy-154(n,2n2a)Sm-145	TALYS-6a	0 [8]	36
Dy-154(n,n'd)Tb-152g	TALYS-6a	0 [4,8]	32
Dy-154(n,n'd)Tb-152m	TALYS-6a	0 [4,7,8,8]	31
Dy-154(n,n't)Tb-151g	TALYS-6a	0	31
Dy-154(n,n't)Tb-151m	TALYS-6a	0	30
Dy-154(n,n'h)Gd-151	TALYS-6a	0 [8]	30
Dy-154(n,n'd2a)Pm-144	TALYS-6a	0 [8]	22
Dy-154(n,n't2a)Pm-143	TALYS-6a	0 [8]	21
Dy-154(n,4n)Dy-151	TALYS-6a	0	20
Dy-154(n,2np)Tb-152g	TALYS-6a	0 [4,8]	30
Dy-154(n,2np)Tb-152m	TALYS-6a	0 [4,7,8,8]	29
Dy-154(n,3np)Tb-151g	TALYS-6a	0	23
Dy-154(n,3np)Tb-151m	TALYS-6a	0	23
Dy-154(n,n'2p)Gd-152	TALYS-6a	0 [8]	34
Dy-154(n,n'pa)Eu-149	TALYS-6a	0 [8]	40
Dy-154(n,g)Dy-155	MASGAM	0 [14,13]	83
Dy-154(n,p)Tb-154g	TALYS-6a	0 [4,2]	100
Dy-154(n,p)Tb-154m	TALYS-6a	0 [4,7,2]	100
Dy-154(n,p)Tb-154n	TALYS-6a	0 [4,7,2]	100
Dy-154(n,d)Tb-153	TALYS-6a	0 [8]	57
Dy-154(n,t)Tb-152g	TALYS-6a	0 [4,8]	44
Dy-154(n,t)Tb-152m	TALYS-6a	0 [4,7,8,8]	43
Dy-154(n,h)Gd-152	TALYS-6a	0 [8]	48
Dy-154(n,a)Gd-151	TALYS-6a	0 [2]	100
Dy-154(n,2a)Sm-147	TALYS-6a	0 [10]	100
Dy-154(n,3a)Nd-143	TALYS-6a	0	100
Dy-154(n,2p)Gd-153	TALYS-6a	0 [8]	48
Dy-154(n,pa)Eu-150g	TALYS-6a	0	100
Dy-154(n,pa)Eu-150m	TALYS-6a	0	100
Dy-154(n,t2a)Pm-144	TALYS-6a	0 [8]	27
Dy-154(n,d2a)Pm-145	TALYS-6a	0	100
Dy-154(n,pd)Gd-152	TALYS-6a	0 [8]	36
Dy-154(n,pt)Gd-151	TALYS-6a	0 [8]	31
Dy-154(n,da)Eu-149	TALYS-6a	0 [8]	42
Dy-154(n,5n)Dy-150	TALYS-6a	0	15
Dy-154(n,6n)Dy-149	TALYS-6a	0	10
Dy-154(n,2nt)Tb-150g	TALYS-6a	0	22
Dy-154(n,2nt)Tb-150m	TALYS-6a	0	21
Dy-154(n,ta)Eu-148	TALYS-6a	0 [8]	37
Dy-154(n,4np)Tb-150g	TALYS-6a	0	16
Dy-154(n,4np)Tb-150m	TALYS-6a	0	15
Dy-154(n,3nd)Tb-150g	TALYS-6a	0	16
Dy-154(n,3nd)Tb-150m	TALYS-6a	0	16
Dy-154(n,n'da)Eu-148	TALYS-6a	0 [8]	28
Dy-154(n,2npa)Eu-148	TALYS-6a	0 [8]	27
Dy-154(n,5np)Tb-149g	TALYS-6a	0	12
Dy-154(n,5np)Tb-149m	TALYS-6a	0	12
Dy-154(n,4na)Gd-147	TALYS-6a	0 [8]	20
Dy-154(n,5na)Gd-146	TALYS-6a	0 [8]	15
Dy-154(n,4nd)Tb-149g	TALYS-6a	0	12
Dy-154(n,4nd)Tb-149m	TALYS-6a	0	12
Dy-154(n,3nt)Tb-149g	TALYS-6a	0	15
Dy-154(n,3nt)Tb-149m	TALYS-6a	0	15
Dy-154(n,4nt)Tb-148g	TALYS-6a	0	11
Dy-154(n,4nt)Tb-148m	TALYS-6a	0	11
Dy-154(n,2nh)Gd-150	TALYS-6a	0 [8]	24
Dy-154(n,3nh)Gd-149	TALYS-6a	0 [8]	16
Dy-154(n,4nh)Gd-148	TALYS-6a	0 [8]	12
Dy-154(n,3n2p)Gd-150	TALYS-6a	0 [8]	17
Dy-154(n,3n2a)Sm-144	TALYS-6a	0 [8]	27
Dy-154(n,3npa)Eu-147	TALYS-6a	0 [8]	21
Dy-154(n,dt)Gd-150	TALYS-6a	0 [8]	24
Dy-154(n,n'pd)Gd-151	TALYS-6a	0 [8]	25
Dy-154(n,n'pt)Gd-150	TALYS-6a	0 [8]	24
Dy-154(n,n'dt)Gd-149	TALYS-6a	0 [8]	16
Dy-154(n,n'ph)Eu-150g	TALYS-6a	0	18
Dy-154(n,n'ph)Eu-150m	TALYS-6a	0	18
Dy-154(n,n'dh)Eu-149	TALYS-6a	0 [8]	14
Dy-154(n,n'ta)Eu-147	TALYS-6a	0 [8]	28
Dy-154(n,2n2p)Gd-151	TALYS-6a	0 [8]	24
Dy-154(n,4n2p)Gd-149	TALYS-6a	0 [8]	12
Dy-154(n,4n2a)Sm-143g	TALYS-6a	0	16
Dy-154(n,4n2a)Sm-143m	TALYS-6a	0	15
Dy-154(n,4npa)Eu-146	TALYS-6a	0 [8]	14
Dy-154(n,n'3p)Eu-151	TALYS-6a	0 [8]	20
Dy-154(n,3n2pa)Sm-146	TALYS-6a	0 [8]	15
Dy-154(n,5n2p)Gd-148	TALYS-6a	0 [8]	9
Dy-155(n,2nd)Tb-152g	TALYS-6a	0	25
Dy-155(n,2nd)Tb-152m	TALYS-6a	0	25
Dy-155(n,2n)Dy-154	TALYS-6a	0	51
Dy-155(n,3n)Dy-153	TALYS-6a	0	30
Dy-155(n,n'a)Gd-151	TALYS-6a	0	100
Dy-155(n,n'3a)Nd-143	TALYS-6a	0	100
Dy-155(n,2na)Gd-150	TALYS-6a	0 [8]	45
Dy-155(n,3na)Gd-149	TALYS-6a	0 [8]	30
Dy-155(n,n'p)Tb-154g	TALYS-6a	0 [4,8]	49
Dy-155(n,n'p)Tb-154m	TALYS-6a	0 [4,7,8,8]	48
Dy-155(n,n'p)Tb-154n	TALYS-6a	0 [4,7,8,8]	48
Dy-155(n,n'2a)Sm-147	TALYS-6a	0	100
Dy-155(n,2n2a)Sm-146	TALYS-6a	0 [8]	41
Dy-155(n,n'd)Tb-153	TALYS-6a	0 [8]	36
Dy-155(n,n't)Tb-152g	TALYS-6a	0	31
Dy-155(n,n't)Tb-152m	TALYS-6a	0	30
Dy-155(n,n'h)Gd-152	TALYS-6a	0 [8]	33
Dy-155(n,n'd2a)Pm-145	TALYS-6a	0 [8]	22
Dy-155(n,n't2a)Pm-144	TALYS-6a	0 [8]	20
Dy-155(n,4n)Dy-152	TALYS-6a	0	23
Dy-155(n,2np)Tb-153	TALYS-6a	0 [8]	33
Dy-155(n,3np)Tb-152g	TALYS-6a	0	23

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Dy-155(n,3np)Tb-152m	TALYS-6a	0		23
Dy-155(n,n'2p)Gd-153	TALYS-6a	0 [8]		32
Dy-155(n,n'pa)Eu-150g	TALYS-6a	0		39
Dy-155(n,n'pa)Eu-150m	TALYS-6a	0		38
Dy-155(n,g)Dy-156	MASGAM	0 [14,13]		83
Dy-155(n,p)Tb-155	TALYS-6a	0 [2]		100
Dy-155(n,d)Tb-154g	TALYS-6a	0 [4,8]		56
Dy-155(n,d)Tb-154m	TALYS-6a	0 [4,7,8,8]		55
Dy-155(n,d)Tb-154n	TALYS-6a	0 [4,7,8,8]		55
Dy-155(n,t)Tb-153	TALYS-6a	0 [8]		51
Dy-155(n,h)Gd-153	TALYS-6a	0 [8]		45
Dy-155(n,a)Gd-152	TALYS-6a	0 [2]		100
Dy-155(n,2a)Sm-148	TALYS-6a	0 [10]		100
Dy-155(n,2p)Gd-154	TALYS-6a	0 [8]		58
Dy-155(n,pa)Eu-151	TALYS-6a	0		100
Dy-155(n,t2a)Pm-145	TALYS-6a	0		100
Dy-155(n,pd)Gd-153	TALYS-6a	0 [8]		35
Dy-155(n,pt)Gd-152	TALYS-6a	0 [8]		34
Dy-155(n,da)Eu-150g	TALYS-6a	0		40
Dy-155(n,da)Eu-150m	TALYS-6a	0		39
Dy-155(n,5n)Dy-151	TALYS-6a	0		15
Dy-155(n,6n)Dy-150	TALYS-6a	0		11
Dy-155(n,2nt)Tb-151g	TALYS-6a	0		23
Dy-155(n,2nt)Tb-151m	TALYS-6a	0		23
Dy-155(n,ta)Eu-149	TALYS-6a	0 [8]		40
Dy-155(n,4np)Tb-151g	TALYS-6a	0		17
Dy-155(n,4np)Tb-151m	TALYS-6a	0		17
Dy-155(n,3nd)Tb-151g	TALYS-6a	0		18
Dy-155(n,3nd)Tb-151m	TALYS-6a	0		18
Dy-155(n,n'da)Eu-149	TALYS-6a	0 [8]		30
Dy-155(n,2npa)Eu-149	TALYS-6a	0 [8]		29
Dy-155(n,5np)Tb-150g	TALYS-6a	0		12
Dy-155(n,5np)Tb-150m	TALYS-6a	0		12
Dy-155(n,4na)Gd-148	TALYS-6a	0 [8]		22
Dy-155(n,5na)Gd-147	TALYS-6a	0 [8]		15
Dy-155(n,6na)Gd-146	TALYS-6a	0 [8]		11
Dy-155(n,4nd)Tb-150g	TALYS-6a	0		13
Dy-155(n,4nd)Tb-150m	TALYS-6a	0		13
Dy-155(n,5nd)Tb-149g	TALYS-6a	0		9
Dy-155(n,5nd)Tb-149m	TALYS-6a	0		9
Dy-155(n,3nt)Tb-150g	TALYS-6a	0		16
Dy-155(n,3nt)Tb-150m	TALYS-6a	0		15
Dy-155(n,4nt)Tb-149g	TALYS-6a	0		12
Dy-155(n,4nt)Tb-149m	TALYS-6a	0		12
Dy-155(n,2nh)Gd-151	TALYS-6a	0 [8]		24
Dy-155(n,3nh)Gd-150	TALYS-6a	0 [8]		17
Dy-155(n,4nh)Gd-149	TALYS-6a	0 [8]		13
Dy-155(n,3n2p)Gd-151	TALYS-6a	0 [8]		17
Dy-155(n,3n2a)Sm-145	TALYS-6a	0 [8]		21
Dy-155(n,3npa)Eu-148	TALYS-6a	0 [8]		15
Dy-155(n,n'pd)Gd-152	TALYS-6a	0 [8]		27
Dy-155(n,n'pt)Gd-151	TALYS-6a	0 [8]		24
Dy-155(n,n'dt)Gd-150	TALYS-6a	0 [8]		17
Dy-155(n,n'ph)Eu-151	TALYS-6a	0 [8]		19
Dy-155(n,n'ta)Eu-148	TALYS-6a	0 [8]		28
Dy-155(n,2n2p)Gd-152	TALYS-6a	0 [8]		25
Dy-155(n,4n2p)Gd-150	TALYS-6a	0 [8]		13
Dy-155(n,4n2a)Sm-144	TALYS-6a	0 [8]		20
Dy-155(n,4npa)Eu-147	TALYS-6a	0 [8]		15
Dy-155(n,n'3p)Eu-152g	TALYS-6a	0 [4]		19
Dy-155(n,n'3p)Eu-152m	TALYS-6a	0 [4,7,8]		17
Dy-155(n,n'3p)Eu-152n	TALYS-6a	0 [4,7,8]		18
Dy-155(n,3n2pa)Sm-147	TALYS-6a	0 [8]		14
Dy-155(n,5n2p)Gd-149	TALYS-6a	0 [8]		9
Dy-156(n,2nd)Tb-153	TALYS-6a	0 [8]		24
Dy-156(n,2n)Dy-155	ADL-3	6 [13]		45
Dy-156(n,3n)Dy-154	TALYS-6a	0		30
Dy-156(n,n'a)Gd-152	TALYS-6a	0		100
Dy-156(n,n'3a)Nd-144	TALYS-6a	0		100
Dy-156(n,2na)Gd-151	TALYS-6a	0 [8]		39
Dy-156(n,3na)Gd-150	TALYS-6a	0 [8]		29
Dy-156(n,n'p)Tb-155	TALYS-6a	0 [8]		48
Dy-156(n,n'2a)Sm-148	TALYS-6a	0		100
Dy-156(n,2n2a)Sm-147	TALYS-6a	0 [8]		31
Dy-156(n,n'd)Tb-154g	TALYS-6a	0 [4,8]		31
Dy-156(n,n'd)Tb-154m	TALYS-6a	0 [4,7,8,8]		30
Dy-156(n,n'd)Tb-154n	TALYS-6a	0 [4,7,8,8]		30
Dy-156(n,n't)Tb-153	TALYS-6a	0 [8]		30
Dy-156(n,n'h)Gd-153	TALYS-6a	0 [8]		29
Dy-156(n,n't2a)Pm-145	TALYS-6a	0 [8]		18
Dy-156(n,4n)Dy-153	TALYS-6a	0		21
Dy-156(n,2np)Tb-154g	TALYS-6a	0 [4,8]		30
Dy-156(n,2np)Tb-154m	TALYS-6a	0 [4,7,8,8]		29
Dy-156(n,2np)Tb-154n	TALYS-6a	0 [4,7,8,8]		29
Dy-156(n,3np)Tb-153	TALYS-6a	0 [8]		23
Dy-156(n,n'2p)Gd-154	TALYS-6a	0 [8]		31
Dy-156(n,n'pa)Eu-151	TALYS-6a	0 [8]		35
Dy-156(n,g)Dy-157	SIGECN-MASGAM	4 [14,13]		1315
Dy-156(n,p)Tb-156g	TALYS-6a	0 [4,2]		100
Dy-156(n,p)Tb-156m	TALYS-6a	0 [7,4,7,2]		100
Dy-156(n,p)Tb-156n	TALYS-6a	0 [7,4,7,2]		100
Dy-156(n,d)Tb-155	TALYS-6a	0 [8]		56
Dy-156(n,t)Tb-154g	TALYS-6a	0 [4,8]		42
Dy-156(n,t)Tb-154m	TALYS-6a	0 [4,7,8,8]		41
Dy-156(n,t)Tb-154n	TALYS-6a	0 [4,7,8,8]		41
Dy-156(n,h)Gd-154	TALYS-6a	0 [8]		44
Dy-156(n,a)Gd-153	ADL-3	2 [9,13,3,3]		1321
Dy-156(n,2a)Sm-149	TALYS-6a	0 [10]		100
Dy-156(n,2p)Gd-155	TALYS-6a	0 [8]		44
Dy-156(n,pa)Eu-152g	TALYS-6a	0 [4]		100
Dy-156(n,pa)Eu-152m	TALYS-6a	0 [4,7]		100
Dy-156(n,pa)Eu-152n	TALYS-6a	0 [7,4,7]		100
Dy-156(n,pd)Gd-154	TALYS-6a	0 [8]		33
Dy-156(n,pt)Gd-153	TALYS-6a	0 [8]		29
Dy-156(n,da)Eu-151	TALYS-6a	0 [8]		36
Dy-156(n,5n)Dy-152	TALYS-6a	0		15
Dy-156(n,6n)Dy-151	TALYS-6a	0		10
Dy-156(n,2nt)Tb-152g	TALYS-6a	0		21
Dy-156(n,2nt)Tb-152m	TALYS-6a	0		21
Dy-156(n,ta)Eu-150g	TALYS-6a	0		32
Dy-156(n,ta)Eu-150m	TALYS-6a	0		32
Dy-156(n,4np)Tb-152g	TALYS-6a	0		15
Dy-156(n,4np)Tb-152m	TALYS-6a	0		15
Dy-156(n,3nd)Tb-152g	TALYS-6a	0		16
Dy-156(n,3nd)Tb-152m	TALYS-6a	0		16
Dy-156(n,n'da)Eu-150g	TALYS-6a	0		26
Dy-156(n,n'da)Eu-150m	TALYS-6a	0		26
Dy-156(n,2npa)Eu-150g	TALYS-6a	0		25
Dy-156(n,2npa)Eu-150m	TALYS-6a	0		25
Dy-156(n,5np)Tb-151g	TALYS-6a	0		12
Dy-156(n,5np)Tb-151m	TALYS-6a	0		12
Dy-156(n,6np)Tb-150g	TALYS-6a	0		8
Dy-156(n,6np)Tb-150m	TALYS-6a	0		7
Dy-156(n,4na)Gd-149	TALYS-6a	0 [8]		20
Dy-156(n,5na)Gd-148	TALYS-6a	0 [8]		15
Dy-156(n,6na)Gd-147	TALYS-6a	0 [8]		10
Dy-156(n,4nd)Tb-151g	TALYS-6a	0		12
Dy-156(n,4nd)Tb-151m	TALYS-6a	0		12
Dy-156(n,5nd)Tb-150g	TALYS-6a	0		8
Dy-156(n,5nd)Tb-150m	TALYS-6a	0		8
Dy-156(n,3nt)Tb-151g	TALYS-6a	0		15
Dy-156(n,3nt)Tb-151m	TALYS-6a	0		15
Dy-156(n,4nt)Tb-150g	TALYS-6a	0		11
Dy-156(n,4nt)Tb-150m	TALYS-6a	0		11
Dy-156(n,2nh)Gd-152	TALYS-6a	0 [8]		23
Dy-156(n,3nh)Gd-151	TALYS-6a	0 [8]		15
Dy-156(n,4nh)Gd-150	TALYS-6a	0 [8]		12
Dy-156(n,3n2p)Gd-152	TALYS-6a	0 [8]		16
Dy-156(n,3n2a)Sm-146	TALYS-6a	0 [8]		26
Dy-156(n,3npa)Eu-149	TALYS-6a	0 [8]		19
Dy-156(n,n'pd)Gd-153	TALYS-6a	0 [8]		23
Dy-156(n,n'pt)Gd-152	TALYS-6a	0 [8]		23
Dy-156(n,n'dt)Gd-151	TALYS-6a	0 [8]		15
Dy-156(n,n'ph)Eu-152g	TALYS-6a	0 [4]		16
Dy-156(n,n'ph)Eu-152m	TALYS-6a	0 [4,7,8]		15
Dy-156(n,n'ph)Eu-152n	TALYS-6a	0 [4,7,8]		15
Dy-156(n,n'ta)Eu-149	TALYS-6a	0 [8]		26
Dy-156(n,2n2p)Gd-153	TALYS-6a	0 [8]		22
Dy-156(n,4n2p)Gd-151	TALYS-6a	0 [8]		12
Dy-156(n,4n2a)Sm-145	TALYS-6a	0 [8]		16
Dy-156(n,4npa)Eu-148	TALYS-6a	0 [8]		14
Dy-156(n,3n2pa)Sm-148	TALYS-6a	0 [8]		13
Dy-156(n,5n2p)Gd-150	TALYS-6a	0 [8]		9
Dy-157(n,2nd)Tb-154g	TALYS-6a	0 [4,8]		24
Dy-157(n,2nd)Tb-154m	TALYS-6a	0 [4,7,8,8]		23
Dy-157(n,2nd)Tb-154n	TALYS-6a	0 [4,7,8,8]		23
Dy-157(n,2n)Dy-156	TALYS-6a	0		50
Dy-157(n,3n)Dy-155	TALYS-6a	0		30
Dy-157(n,n'a)Gd-153	TALYS-6a	0		100
Dy-157(n,2na)Gd-152	TALYS-6a	0 [8]		42
Dy-157(n,3na)Gd-151	TALYS-6a	0 [8]		28
Dy-157(n,n'p)Tb-156g	TALYS-6a	0 [4]		48
Dy-157(n,n'p)Tb-156m	TALYS-6a	0 [4,7,8]		47
Dy-157(n,n'p)Tb-156n	TALYS-6a	0 [4,7,8]		47
Dy-157(n,n'2a)Sm-149	TALYS-6a	0		100
Dy-157(n,2n2a)Sm-148	TALYS-6a	0 [8]		33
Dy-157(n,n'd)Tb-155	TALYS-6a	0 [8]		35
Dy-157(n,n't)Tb-154g	TALYS-6a	0 [4,8]		29
Dy-157(n,n't)Tb-154m	TALYS-6a	0 [4,7,8,8]		28
Dy-157(n,n't)Tb-154n	TALYS-6a	0 [4,7,8,8]		28
Dy-157(n,n'h)Gd-154	TALYS-6a	0 [8]		31
Dy-157(n,n'd2a)Pm-147	TALYS-6a	0 [8]		18
Dy-157(n,4n)Dy-154	TALYS-6a	0		23
Dy-157(n,2np)Tb-155	TALYS-6a	0 [8]		32
Dy-157(n,3np)Tb-154g	TALYS-6a	0 [4,8]		23
Dy-157(n,3np)Tb-154m	TALYS-6a	0 [4,7,8,8]		22
Dy-157(n,3np)Tb-154n	TALYS-6a	0 [4,7,8,8]		22
Dy-157(n,n'2p)Gd-155	TALYS-6a	0 [8]		31
Dy-157(n,n'pa)Eu-152g	TALYS-6a	0 [4]		33
Dy-157(n,n'pa)Eu-152m	TALYS-6a	0 [4,7,8]		31
Dy-157(n,n'pa)Eu-152n	TALYS-6a	0 [4,7,8]		32
Dy-157(n,g)Dy-158	MASGAM	0 [14,13]		83
Dy-157(n,p)Tb-157	TALYS-6a	0 [2]		100
Dy-157(n,d)Tb-156g	TALYS-6a	0 [4]		55
Dy-157(n,d)Tb-156m	TALYS-6a	0 [4,7,8]		54
Dy-157(n,d)Tb-156n	TALYS-6a	0 [4,7,8]		54
Dy-157(n,t)Tb-155	TALYS-6a	0 [8]		49
Dy-157(n,h)Gd-155	TALYS-6a	0 [8]		43
Dy-157(n,a)Gd-154	TALYS-6a	0 [2]		100
Dy-157(n,2a)Sm-150	TALYS-6a	0 [10]		100
Dy-157(n,2p)Gd-156	TALYS-6a	0 [8]		50
Dy-157(n,pa)Eu-153	TALYS-6a	0		100
Dy-157(n,pd)Gd-155	TALYS-6a	0 [8]		32
Dy-157(n,pt)Gd-154	TALYS-6a	0 [8]		31
Dy-157(n,da)Eu-152g	TALYS-6a	0 [4]		34
Dy-157(n,da)Eu-152m	TALYS-6a	0 [4,7,8]		32
Dy-157(n,da)Eu-152n	TALYS-6a	0 [4,7,8]		33
Dy-157(n,5n)Dy-153	TALYS-6a	0		15
Dy-157(n,6n)Dy-152	TALYS-6a	0		12
Dy-157(n,2nt)Tb-153	TALYS-6a	0 [8]		23
Dy-157(n,ta)Eu-151	TALYS-6a	0 [8]		34
Dy-157(n,4np)Tb-153	TALYS-6a	0 [8]		16
Dy-157(n,3nd)Tb-153	TALYS-6a	0 [8]		17
Dy-157(n,n'da)Eu-151	TALYS-6a	0 [8]		27
Dy-157(n,2npa)Eu-151	TALYS-6a	0 [8]		26
Dy-157(n,5np)Tb-152g	TALYS-6a	0		12
Dy-157(n,5np)Tb-152m	TALYS-6a	0		12
Dy-157(n,6np)Tb-151g	TALYS-6a	0		8
Dy-157(n,6np)Tb-151m	TALYS-6a	0		8
Dy-157(n,4na)Gd-150	TALYS-6a	0 [8]		22
Dy-157(n,5na)Gd-149	TALYS-6a	0 [8]		15
Dy-157(n,6na)Gd-148	TALYS-6a	0 [8]		11
Dy-157(n,4nd)Tb-152g	TALYS-6a	0		13
Dy-157(n,4nd)Tb-152m	TALYS-6a	0		12
Dy-157(n,5nd)Tb-151g	TALYS-6a	0		9
Dy-157(n,5nd)Tb-151m	TALYS-6a	0		9
Dy-157(n,3nt)Tb-152g	TALYS-6a	0		15
Dy-157(n,3nt)Tb-152m	TALYS-6a	0		15

Reaction	Library	N [refs]	Value
Dy-157(n,4nt)Tb-151g	TALYS-6a	0	12
Dy-157(n,4nt)Tb-151m	TALYS-6a	0	12
Dy-157(n,2nh)Gd-153	TALYS-6a	0 [8]	22
Dy-157(n,3nh)Gd-152	TALYS-6a	0 [8]	16
Dy-157(n,4nh)Gd-151	TALYS-6a	0 [8]	12
Dy-157(n,3n2p)Gd-153	TALYS-6a	0 [8]	16
Dy-157(n,3n2a)Sm-147	TALYS-6a	0 [8]	24
Dy-157(n,3npa)Eu-150g	TALYS-6a	0	18
Dy-157(n,3npa)Eu-150m	TALYS-6a	0	18
Dy-157(n,n'pd)Gd-154	TALYS-6a	0 [8]	25
Dy-157(n,n'pt)Gd-153	TALYS-6a	0 [8]	22
Dy-157(n,n'dt)Gd-152	TALYS-6a	0 [8]	16
Dy-157(n,n'ph)Eu-153	TALYS-6a	0 [8]	18
Dy-157(n,n'ta)Eu-150g	TALYS-6a	0	25
Dy-157(n,n'ta)Eu-150m	TALYS-6a	0	24
Dy-157(n,2n2p)Gd-154	TALYS-6a	0 [8]	24
Dy-157(n,4n2p)Gd-152	TALYS-6a	0 [8]	13
Dy-157(n,4n2a)Sm-146	TALYS-6a	0 [8]	19
Dy-157(n,4npa)Eu-149	TALYS-6a	0 [8]	14
Dy-157(n,5n2p)Gd-151	TALYS-6a	0 [8]	8
Dy-158(n,2nd)Tb-155	TALYS-6a	0 [8]	24
Dy-158(n,2n)Dy-157	ADL-3	6 [13]	44
Dy-158(n,3n)Dy-156	TALYS-6a	0	30
Dy-158(n,n'a)Gd-154	TALYS-6a	0	100
Dy-158(n,n'3a)Nd-146	TALYS-6a	0	100
Dy-158(n,2na)Gd-153	TALYS-6a	0 [8]	37
Dy-158(n,3na)Gd-152	TALYS-6a	0 [8]	28
Dy-158(n,n'p)Tb-157	TALYS-6a	0 [8]	46
Dy-158(n,n'2a)Sm-150	TALYS-6a	0	100
Dy-158(n,2n2a)Sm-149	TALYS-6a	0 [8]	28
Dy-158(n,n'd)Tb-156g	TALYS-6a	0 [4]	31
Dy-158(n,n'd)Tb-156m	TALYS-6a	0 [4,7,8]	31
Dy-158(n,n'd)Tb-156n	TALYS-6a	0 [4,7,8]	30
Dy-158(n,n't)Tb-155	TALYS-6a	0 [8]	30
Dy-158(n,n'h)Gd-155	TALYS-6a	0 [8]	28
Dy-158(n,n't2a)Pm-147	TALYS-6a	0 [8]	15
Dy-158(n,4n)Dy-155	TALYS-6a	0	21
Dy-158(n,2np)Tb-156g	TALYS-6a	0 [4]	30
Dy-158(n,2np)Tb-156m	TALYS-6a	0 [4,7,8]	30
Dy-158(n,2np)Tb-156n	TALYS-6a	0 [4,7,8]	29
Dy-158(n,3np)Tb-155	TALYS-6a	0 [8]	23
Dy-158(n,n'2p)Gd-156	TALYS-6a	0 [8]	30
Dy-158(n,n'pa)Eu-153	TALYS-6a	0 [8]	32
Dy-158(n,g)Dy-159	SIGECN-MASGAM	4 [14,13]	602
Dy-158(n,p)Tb-158g	TALYS-6a	0 [2]	80
Dy-158(n,p)Tb-158m	TALYS-6a	0 [2]	80
Dy-158(n,d)Tb-157	TALYS-6a	0 [8]	54
Dy-158(n,t)Tb-156g	TALYS-6a	0 [4]	43
Dy-158(n,t)Tb-156m	TALYS-6a	0 [4,7,8]	42
Dy-158(n,t)Tb-156n	TALYS-6a	0 [4,7,8]	42
Dy-158(n,h)Gd-156	TALYS-6a	0 [8]	42
Dy-158(n,a)Gd-155	JENDL-3.2/A	2 [9,13,3,10]	604
Dy-158(n,2p)Gd-157	TALYS-6a	0 [8]	41
Dy-158(n,pa)Eu-154g	TALYS-6a	0 [4,8]	45
Dy-158(n,pa)Eu-154m	TALYS-6a	0 [4,7,8,8]	44
Dy-158(n,pd)Gd-156	TALYS-6a	0 [8]	31
Dy-158(n,pt)Gd-155	TALYS-6a	0 [8]	28
Dy-158(n,da)Eu-153	TALYS-6a	0 [8]	33
Dy-158(n,5n)Dy-154	TALYS-6a	0	15
Dy-158(n,6n)Dy-153	TALYS-6a	0	11
Dy-158(n,2nt)Tb-154g	TALYS-6a	0 [4,8]	20
Dy-158(n,2nt)Tb-154m	TALYS-6a	0 [4,7,8,8]	19
Dy-158(n,2nt)Tb-154n	TALYS-6a	0 [4,7,8,8]	19
Dy-158(n,4np)Tb-154g	TALYS-6a	0 [4,8]	15
Dy-158(n,4np)Tb-154m	TALYS-6a	0 [4,7,8,8]	14
Dy-158(n,4np)Tb-154n	TALYS-6a	0 [4,7,8,8]	14
Dy-158(n,3nd)Tb-154g	TALYS-6a	0 [4,8]	16
Dy-158(n,3nd)Tb-154m	TALYS-6a	0 [4,7,8,8]	15
Dy-158(n,3nd)Tb-154n	TALYS-6a	0 [4,7,8,8]	15
Dy-158(n,n'da)Eu-152g	TALYS-6a	0 [4]	24
Dy-158(n,n'da)Eu-152m	TALYS-6a	0 [4,7,8]	23
Dy-158(n,n'da)Eu-152n	TALYS-6a	0 [4,7,8]	23
Dy-158(n,2npa)Eu-152g	TALYS-6a	0 [4]	23
Dy-158(n,2npa)Eu-152m	TALYS-6a	0 [4,7,8]	22
Dy-158(n,2npa)Eu-152n	TALYS-6a	0 [4,7,8]	22
Dy-158(n,7n)Dy-152	TALYS-6a	0	7
Dy-158(n,5np)Tb-153	TALYS-6a	0 [8]	11
Dy-158(n,6np)Tb-152g	TALYS-6a	0	7
Dy-158(n,6np)Tb-152m	TALYS-6a	0	7
Dy-158(n,4na)Gd-151	TALYS-6a	0 [8]	19
Dy-158(n,5na)Gd-150	TALYS-6a	0 [8]	14
Dy-158(n,6na)Gd-149	TALYS-6a	0 [8]	10
Dy-158(n,7na)Gd-148	TALYS-6a	0 [8]	6
Dy-158(n,4nd)Tb-153	TALYS-6a	0 [8]	12
Dy-158(n,5nd)Tb-152g	TALYS-6a	0	8
Dy-158(n,5nd)Tb-152m	TALYS-6a	0	8
Dy-158(n,3nt)Tb-153	TALYS-6a	0 [8]	15
Dy-158(n,4nt)Tb-152g	TALYS-6a	0	11
Dy-158(n,4nt)Tb-152m	TALYS-6a	0	10
Dy-158(n,5nt)Tb-151g	TALYS-6a	0	7
Dy-158(n,5nt)Tb-151m	TALYS-6a	0	7
Dy-158(n,2nh)Gd-154	TALYS-6a	0 [8]	22
Dy-158(n,3nh)Gd-153	TALYS-6a	0 [8]	15
Dy-158(n,4nh)Gd-152	TALYS-6a	0 [8]	12
Dy-158(n,3n2p)Gd-154	TALYS-6a	0 [8]	16
Dy-158(n,3n2a)Sm-148	TALYS-6a	0 [8]	22
Dy-158(n,3npa)Eu-151	TALYS-6a	0 [8]	17
Dy-158(n,n'pd)Gd-155	TALYS-6a	0 [8]	22
Dy-158(n,n'pt)Gd-154	TALYS-6a	0 [8]	22
Dy-158(n,n'dt)Gd-153	TALYS-6a	0 [8]	15
Dy-158(n,n'ph)Eu-154g	TALYS-6a	0 [4,8]	16
Dy-158(n,n'ph)Eu-154m	TALYS-6a	0 [4,7,8,8]	15
Dy-158(n,n'ta)Eu-151	TALYS-6a	0 [8]	23
Dy-158(n,2n2p)Gd-155	TALYS-6a	0 [8]	21
Dy-158(n,4n2p)Gd-153	TALYS-6a	0 [8]	11
Dy-158(n,4n2a)Sm-147	TALYS-6a	0 [8]	15
Dy-158(n,4npa)Eu-150g	TALYS-6a	0	12
Dy-158(n,4npa)Eu-150m	TALYS-6a	0	12
Dy-158(n,5n2p)Gd-152	TALYS-6a	0 [8]	8
Dy-159(n,2nd)Tb-156g	TALYS-6a	0 [4]	24
Dy-159(n,2nd)Tb-156m	TALYS-6a	0 [4,7,8]	24
Dy-159(n,2nd)Tb-156n	TALYS-6a	0 [4,7,8]	23
Dy-159(n,2n)Dy-158	TALYS-6a	0	51
Dy-159(n,3n)Dy-157	TALYS-6a	0	31
Dy-159(n,n'a)Gd-155	TALYS-6a	0	100
Dy-159(n,n'3a)Nd-147	TALYS-6	0	100
Dy-159(n,2na)Gd-154	TALYS-6a	0 [8]	41
Dy-159(n,3na)Gd-153	TALYS-6a	0 [8]	27
Dy-159(n,n'p)Tb-158g	TALYS-6a	0	45
Dy-159(n,n'p)Tb-158m	TALYS-6a	0	45
Dy-159(n,n'2a)Sm-151	TALYS-6a	0	100
Dy-159(n,2n2a)Sm-150	TALYS-6a	0 [8]	29
Dy-159(n,n'd)Tb-157	TALYS-6a	0 [8]	35
Dy-159(n,n't)Tb-156g	TALYS-6a	0 [4]	30
Dy-159(n,n't)Tb-156m	TALYS-6a	0 [4,7,8]	30
Dy-159(n,n't)Tb-156n	TALYS-6a	0 [4,7,8]	29
Dy-159(n,n'h)Gd-156	TALYS-6a	0 [8]	30
Dy-159(n,n'd2a)Pm-149	TALYS-6	0 [8]	16
Dy-159(n,n't2a)Pm-148g	TALYS-6	0	15
Dy-159(n,n't2a)Pm-148m	TALYS-6	0	15
Dy-159(n,4n)Dy-156	TALYS-6a	0	23
Dy-159(n,2np)Tb-157	TALYS-6a	0 [8]	32
Dy-159(n,3np)Tb-156g	TALYS-6a	0 [4]	23
Dy-159(n,3np)Tb-156m	TALYS-6a	0 [4,7,8]	23
Dy-159(n,3np)Tb-156n	TALYS-6a	0 [4,7,8]	22
Dy-159(n,n'2p)Gd-157	TALYS-6a	0 [8]	29
Dy-159(n,n'pa)Eu-154g	TALYS-6a	0 [4,8]	31
Dy-159(n,n'pa)Eu-154m	TALYS-6a	0 [4,7,8,8]	30
Dy-159(n,g)Dy-160	MASGAM	2 [13,12]	119
Dy-159(n,p)Tb-159	TALYS-6a	0 [2]	100
Dy-159(n,d)Tb-158g	TALYS-6a	0	53
Dy-159(n,d)Tb-158m	TALYS-6a	0	52
Dy-159(n,t)Tb-157	TALYS-6a	0 [8]	48
Dy-159(n,h)Gd-157	TALYS-6a	0 [8]	40
Dy-159(n,a)Gd-156	TALYS-6a	0 [2]	100
Dy-159(n,2p)Gd-158	TALYS-6a	0 [8]	44
Dy-159(n,pa)Eu-155	TALYS-6a	0	100
Dy-159(n,pd)Gd-157	TALYS-6a	0 [8]	30
Dy-159(n,5n)Dy-155	TALYS-6a	0	15
Dy-159(n,6n)Dy-154	TALYS-6a	0	12
Dy-159(n,2nt)Tb-155	TALYS-6a	0 [8]	23
Dy-159(n,ta)Eu-153	TALYS-6a	0 [8]	32
Dy-159(n,4np)Tb-155	TALYS-6a	0 [8]	16
Dy-159(n,3nd)Tb-155	TALYS-6a	0 [8]	17
Dy-159(n,n'da)Eu-153	TALYS-6a	0 [8]	26
Dy-159(n,2npa)Eu-153	TALYS-6a	0 [8]	25
Dy-159(n,7n)Dy-153	TALYS-6a	0	7
Dy-159(n,5np)Tb-154g	TALYS-6a	0 [4]	12
Dy-159(n,5np)Tb-154m	TALYS-6a	0 [4,7,8]	11
Dy-159(n,5np)Tb-154n	TALYS-6a	0 [4,7,8]	11
Dy-159(n,6np)Tb-153	TALYS-6a	0 [8]	8
Dy-159(n,4na)Gd-152	TALYS-6a	0 [8]	21
Dy-159(n,5na)Gd-151	TALYS-6a	0 [8]	14
Dy-159(n,6na)Gd-150	TALYS-6a	0 [8]	11
Dy-159(n,7na)Gd-149	TALYS-6a	0 [8]	7
Dy-159(n,4nd)Tb-154g	TALYS-6a	0 [4,8]	12
Dy-159(n,4nd)Tb-154m	TALYS-6a	0 [4,7,8,8]	11
Dy-159(n,4nd)Tb-154n	TALYS-6a	0 [4,7,8,8]	11
Dy-159(n,5nd)Tb-153	TALYS-6a	0 [8]	9
Dy-159(n,3nt)Tb-154g	TALYS-6a	0 [4,8]	15
Dy-159(n,3nt)Tb-154m	TALYS-6a	0 [4,7,8,8]	14
Dy-159(n,3nt)Tb-154n	TALYS-6a	0 [4,7,8,8]	14
Dy-159(n,4nt)Tb-153	TALYS-6a	0 [8]	12
Dy-159(n,5nt)Tb-152g	TALYS-6a	0 [8]	7
Dy-159(n,5nt)Tb-152m	TALYS-6a	0	7
Dy-159(n,2nh)Gd-155	TALYS-6a	0 [8]	22
Dy-159(n,3nh)Gd-154	TALYS-6a	0 [8]	16
Dy-159(n,4nh)Gd-153	TALYS-6a	0 [8]	12
Dy-159(n,3n2p)Gd-155	TALYS-6a	0 [8]	15
Dy-159(n,3n2a)Sm-149	TALYS-6a	0 [8]	21
Dy-159(n,3npa)Eu-152g	TALYS-6a	0 [4]	16
Dy-159(n,3npa)Eu-152m	TALYS-6a	0 [4,7,8]	15
Dy-159(n,3npa)Eu-152n	TALYS-6a	0 [4,7,8]	15
Dy-159(n,n'pd)Gd-156	TALYS-6a	0 [8]	24
Dy-159(n,n'pt)Gd-155	TALYS-6a	0 [8]	21
Dy-159(n,n'dt)Gd-154	TALYS-6a	0 [8]	16
Dy-159(n,n'ta)Eu-152g	TALYS-6a	0 [4]	22
Dy-159(n,n'ta)Eu-152m	TALYS-6a	0 [4,7,8]	21
Dy-159(n,n'ta)Eu-152n	TALYS-6a	0 [4,7,8]	21
Dy-159(n,2n2p)Gd-156	TALYS-6a	0 [8]	23
Dy-159(n,4n2p)Gd-154	TALYS-6a	0 [8]	12
Dy-159(n,4n2a)Sm-148	TALYS-6a	0 [8]	16
Dy-159(n,4npa)Eu-151	TALYS-6a	0 [8]	13
Dy-159(n,5n2p)Gd-153	TALYS-6a	0 [8]	8
Dy-160(n,2nd)Tb-157	TALYS-6a	0 [8]	25
Dy-160(n,2n)Dy-159	ADL-3	2 [13,3]	45
Dy-160(n,3n)Dy-158	TALYS-6a	0	31
Dy-160(n,n'a)Gd-156	TALYS-6a	0	100
Dy-160(n,2na)Gd-155	TALYS-6a	0 [8]	36
Dy-160(n,3na)Gd-154	TALYS-6a	0 [8]	27
Dy-160(n,n'p)Tb-159	TALYS-6a	0 [8]	45
Dy-160(n,n'2a)Sm-152	TALYS-6a	0	100
Dy-160(n,2n2a)Sm-151	TALYS-6a	0 [8]	25
Dy-160(n,n'd)Tb-158g	TALYS-6a	0	31
Dy-160(n,n'd)Tb-158m	TALYS-6a	0	31
Dy-160(n,n't)Tb-157	TALYS-6a	0 [8]	30
Dy-160(n,n'h)Gd-157	TALYS-6a	0 [8]	27
Dy-160(n,4n)Dy-157	TALYS-6a	0	22
Dy-160(n,2np)Tb-158g	TALYS-6a	0	30
Dy-160(n,2np)Tb-158m	TALYS-6a	0	30
Dy-160(n,3np)Tb-157	TALYS-6a	0	23
Dy-160(n,n'2p)Gd-158	TALYS-6a	0 [8]	29
Dy-160(n,n'pa)Eu-155	TALYS-6a	0 [8]	31
Dy-160(n,g)Dy-161	JEF-2.2	4 [14,13,13,4]	960
Dy-160(n,p)Tb-160	ADL-3	2 [13]	45
Dy-160(n,d)Tb-159	TALYS-6a	0 [8]	51
Dy-160(n,t)Tb-158g	TALYS-6a	0	43
Dy-160(n,t)Tb-158m	TALYS-6a	0	43

Reaction	Library	Flag	Refs	Value
Dy-160(n,h)Gd-158	TALYS-6a	0	[8]	39
Dy-160(n,a)Gd-157	TALYS-6	2	[9,3]	934
Dy-160(n,2p)Gd-159	TALYS-6a	0	[8]	37
Dy-160(n,pa)Eu-156	TALYS-6a	0	[8]	42
Dy-160(n,pd)Gd-158	TALYS-6a	0	[8]	30
Dy-160(n,5n)Dy-156	TALYS-6a	0		16
Dy-160(n,6n)Dy-155	TALYS-6a	0		11
Dy-160(n,2nt)Tb-156g	TALYS-6a	0	[4]	21
Dy-160(n,2nt)Tb-156m	TALYS-6a	0	[4,7,8]	21
Dy-160(n,2nt)Tb-156n	TALYS-6a	0	[4,7,8]	20
Dy-160(n,4np)Tb-156g	TALYS-6a	0	[4]	15
Dy-160(n,4np)Tb-156m	TALYS-6a	0	[4,7,8]	15
Dy-160(n,4np)Tb-156n	TALYS-6a	0	[4,7,8]	14
Dy-160(n,3nd)Tb-156g	TALYS-6a	0	[4]	16
Dy-160(n,3nd)Tb-156m	TALYS-6a	0	[4,7,8]	16
Dy-160(n,3nd)Tb-156n	TALYS-6a	0	[4,7,8]	15
Dy-160(n,n'da)Eu-154g	TALYS-6a	0	[4,8]	23
Dy-160(n,n'da)Eu-154m	TALYS-6a	0	[4,7,8,8]	22
Dy-160(n,2npa)Eu-154g	TALYS-6a	0	[4,8]	22
Dy-160(n,2npa)Eu-154m	TALYS-6a	0	[4,7,8,8]	21
Dy-160(n,7n)Dy-154	TALYS-6a	0		7
Dy-160(n,5np)Tb-155	TALYS-6a	0		12
Dy-160(n,6np)Tb-154g	TALYS-6a	0	[4,8]	7
Dy-160(n,6np)Tb-154m	TALYS-6a	0	[4,7,8,8]	6
Dy-160(n,6np)Tb-154n	TALYS-6a	0	[4,7,8,8]	6
Dy-160(n,4na)Gd-153	TALYS-6a	0	[8]	18
Dy-160(n,5na)Gd-152	TALYS-6a	0	[8]	14
Dy-160(n,6na)Gd-151	TALYS-6a	0	[8]	10
Dy-160(n,7na)Gd-150	TALYS-6a	0	[8]	7
Dy-160(n,4nd)Tb-155	TALYS-6a	0	[8]	13
Dy-160(n,5nd)Tb-154g	TALYS-6a	0	[4,8]	8
Dy-160(n,5nd)Tb-154m	TALYS-6a	0	[4,7,8,8]	7
Dy-160(n,5nd)Tb-154n	TALYS-6a	0	[4,7,8,8]	7
Dy-160(n,6nd)Tb-153	TALYS-6a	0		5
Dy-160(n,3nt)Tb-155	TALYS-6a	0	[8]	15
Dy-160(n,4nt)Tb-154g	TALYS-6a	0	[4,8]	10
Dy-160(n,4nt)Tb-154m	TALYS-6a	0	[4,7,8,8]	9
Dy-160(n,4nt)Tb-154n	TALYS-6a	0	[4,7,8,8]	9
Dy-160(n,5nt)Tb-153	TALYS-6a	0	[8]	7
Dy-160(n,2nh)Gd-156	TALYS-6a	0	[8]	21
Dy-160(n,3nh)Gd-155	TALYS-6a	0	[8]	15
Dy-160(n,4nh)Gd-154	TALYS-6a	0	[8]	12
Dy-160(n,3n2p)Gd-156	TALYS-6a	0	[8]	15
Dy-160(n,3n2a)Sm-150	TALYS-6a	0	[8]	19
Dy-160(n,3npa)Eu-153	TALYS-6a	0	[8]	16
Dy-160(n,n'pd)Gd-157	TALYS-6a	0	[8]	22
Dy-160(n,n'pt)Gd-156	TALYS-6a	0	[8]	21
Dy-160(n,n'dt)Gd-155	TALYS-6a	0	[8]	15
Dy-160(n,n'ta)Eu-153	TALYS-6a	0	[8]	22
Dy-160(n,2n2p)Gd-157	TALYS-6a	0	[8]	20
Dy-160(n,4n2p)Gd-155	TALYS-6a	0	[8]	11
Dy-160(n,4n2a)Sm-149	TALYS-6a	0	[8]	14
Dy-160(n,4npa)Eu-152g	TALYS-6a	0	[4]	12
Dy-160(n,4npa)Eu-152m	TALYS-6a	0	[4,7,8]	10
Dy-160(n,4npa)Eu-152n	TALYS-6a	0	[4,7,8]	11
Dy-160(n,5n2p)Gd-154	TALYS-6a	0	[8]	8
Dy-161(n,2nd)Tb-158g	TALYS-6a	0		25
Dy-161(n,2nd)Tb-158m	TALYS-6a	0		25
Dy-161(n,2n)Dy-160	TALYS-6a	0		53
Dy-161(n,3n)Dy-159	TALYS-6a	0		31
Dy-161(n,n'a)Gd-157	TALYS-6a	0		100
Dy-161(n,2na)Gd-156	TALYS-6a	0	[8]	41
Dy-161(n,3na)Gd-155	TALYS-6a	0	[8]	27
Dy-161(n,n'p)Tb-160	TALYS-6a	0	[8]	44
Dy-161(n,n'2a)Sm-153	TALYS-6a	0	[8]	33
Dy-161(n,2n2a)Sm-152	TALYS-6a	0	[8]	27
Dy-161(n,n'd)Tb-159	TALYS-6a	0	[8]	34
Dy-161(n,n't)Tb-158g	TALYS-6a	0		31
Dy-161(n,n't)Tb-158m	TALYS-6a	0		31
Dy-161(n,n'h)Gd-158	TALYS-6a	0	[8]	29
Dy-161(n,4n)Dy-158	TALYS-6a	0	[8]	24
Dy-161(n,2np)Tb-159	TALYS-6a	0	[8]	32
Dy-161(n,3np)Tb-158g	TALYS-6a	0		23
Dy-161(n,3np)Tb-158m	TALYS-6a	0		23
Dy-161(n,n'2p)Gd-159	TALYS-6a	0	[8]	28
Dy-161(n,n'pa)Eu-156	TALYS-6a	0	[8]	30
>Dy-161(n,g)Dy-162	JEF-2.2	4	[13]	3970
Dy-161(n,p)Tb-161	TALYS-5	2	[3]	100
Dy-161(n,d)Tb-160	TALYS-6a	0	[8]	50
Dy-161(n,t)Tb-159	TALYS-6a	0	[8]	48
Dy-161(n,h)Gd-159	TALYS-6a	0	[8]	37
Dy-161(n,a)Gd-158	TALYS-5	1	[9,2,3]	3926
Dy-161(n,2p)Gd-160	TALYS-6a	0	[8]	39
Dy-161(n,pd)Gd-159	TALYS-6a	0	[8]	29
Dy-161(n,5n)Dy-157	TALYS-6a	0		16
Dy-161(n,6n)Dy-156	TALYS-6a	0		12
Dy-161(n,2nt)Tb-157	TALYS-6a	0	[8]	24
Dy-161(n,4np)Tb-157	TALYS-6a	0	[8]	17
Dy-161(n,3nd)Tb-157	TALYS-6a	0	[8]	18
Dy-161(n,n'da)Eu-155	TALYS-6a	0	[8]	25
Dy-161(n,2npa)Eu-155	TALYS-6a	0	[8]	24
Dy-161(n,7n)Dy-155	TALYS-6a	0		8
Dy-161(n,5np)Tb-156g	TALYS-6a	0	[4]	12
Dy-161(n,5np)Tb-156m	TALYS-6a	0	[4,7,8]	12
Dy-161(n,5np)Tb-156n	TALYS-6a	0	[4,7,8]	11
Dy-161(n,6np)Tb-155	TALYS-6a	0		9
Dy-161(n,4na)Gd-154	TALYS-6a	0	[8]	21
Dy-161(n,5na)Gd-153	TALYS-6a	0	[8]	14
Dy-161(n,6na)Gd-152	TALYS-6a	0	[8]	11
Dy-161(n,7na)Gd-151	TALYS-6a	0	[8]	7
Dy-161(n,4nd)Tb-156g	TALYS-6a	0	[4]	13
Dy-161(n,4nd)Tb-156m	TALYS-6a	0	[4,7,8]	13
Dy-161(n,4nd)Tb-156n	TALYS-6a	0	[4,7,8]	12
Dy-161(n,5nd)Tb-155	TALYS-6a	0		10
Dy-161(n,6nd)Tb-154g	TALYS-6a	0	[4,8]	5
Dy-161(n,6nd)Tb-154m	TALYS-6a	0	[4,7,8,8]	4
Dy-161(n,6nd)Tb-154n	TALYS-6a	0	[4,7,8,8]	4
Dy-161(n,3nt)Tb-156g	TALYS-6a	0	[4]	16
Dy-161(n,3nt)Tb-156m	TALYS-6a	0	[4,7,8]	16
Dy-161(n,3nt)Tb-156n	TALYS-6a	0	[4,7,8]	15
Dy-161(n,4nt)Tb-155	TALYS-6a	0	[8]	12
Dy-161(n,5nt)Tb-154g	TALYS-6a	0	[4,8]	7
Dy-161(n,5nt)Tb-154m	TALYS-6a	0	[4,7,8,8]	6
Dy-161(n,5nt)Tb-154n	TALYS-6a	0	[4,7,8,8]	6
Dy-161(n,2nh)Gd-157	TALYS-6a	0	[8]	22
Dy-161(n,3nh)Gd-156	TALYS-6a	0	[8]	16
Dy-161(n,4nh)Gd-155	TALYS-6a	0	[8]	12
Dy-161(n,3n2p)Gd-157	TALYS-6a	0	[8]	15
Dy-161(n,3n2a)Sm-151	TALYS-6a	0	[8]	18
Dy-161(n,3npa)Eu-154g	TALYS-6a	0	[4,8]	16
Dy-161(n,3npa)Eu-154m	TALYS-6a	0	[4,7,8,8]	15
Dy-161(n,n'pd)Gd-158	TALYS-6a	0	[8]	23
Dy-161(n,n'pt)Gd-157	TALYS-6a	0	[8]	21
Dy-161(n,n'dt)Gd-156	TALYS-6a	0	[8]	16
Dy-161(n,n'ta)Eu-154g	TALYS-6a	0	[4,8]	22
Dy-161(n,n'ta)Eu-154m	TALYS-6a	0	[4,7,8,8]	21
Dy-161(n,2n2p)Gd-158	TALYS-6a	0	[8]	22
Dy-161(n,4n2p)Gd-156	TALYS-6a	0	[8]	12
Dy-161(n,4n2a)Sm-150	TALYS-6a	0	[8]	14
Dy-161(n,4npa)Eu-153	TALYS-6a	0	[8]	13
Dy-161(n,5n2p)Gd-155	TALYS-6a	0	[8]	8
Dy-162(n,2nd)Tb-159	TALYS-6a	0	[8]	25
Dy-162(n,2n)Dy-161	TALYS-6a	0		45
Dy-162(n,3n)Dy-160	TALYS-6a	0		32
Dy-162(n,n'a)Gd-158	TALYS-6a	0		100
Dy-162(n,2na)Gd-157	TALYS-6a	0	[8]	37
Dy-162(n,3na)Gd-156	TALYS-6a	0	[8]	28
Dy-162(n,n'p)Tb-161	TALYS-6a	0	[8]	43
Dy-162(n,n'2a)Sm-154	TALYS-6a	0	[8]	33
Dy-162(n,2n2a)Sm-153	TALYS-6a	0	[8]	23
Dy-162(n,n'd)Tb-160	TALYS-6a	0	[8]	31
Dy-162(n,n't)Tb-159	TALYS-6a	0	[8]	31
Dy-162(n,n'h)Gd-159	TALYS-6a	0	[8]	27
Dy-162(n,4n)Dy-159	TALYS-6a	0		23
Dy-162(n,2np)Tb-160	TALYS-6a	0	[8]	30
Dy-162(n,3np)Tb-159	TALYS-6a	0		23
Dy-162(n,n'2p)Gd-160	TALYS-6a	0	[8]	27
Dy-162(n,n'pa)Eu-157	TALYS-6a	0	[8]	30
Dy-162(n,g)Dy-163	JEF-2.2	4	[13,13,4]	2400
Dy-162(n,p)Tb-162	ADL-3	6	[13]	44
Dy-162(n,d)Tb-161	TALYS-6a	0	[8]	48
Dy-162(n,t)Tb-160	TALYS-5	5	[8]	43
Dy-162(n,h)Gd-160	TALYS-6a	0	[8]	36
Dy-162(n,a)Gd-159	TALYS-5	2	[9,3]	2433
Dy-162(n,2p)Gd-161	TALYS-6a	0	[8]	33
Dy-162(n,pd)Gd-160	TALYS-6a	0	[8]	28
Dy-162(n,5n)Dy-158	TALYS-6a	0		16
Dy-162(n,6n)Dy-157	TALYS-6a	0		12
Dy-162(n,2nt)Tb-158g	TALYS-6a	0		22
Dy-162(n,2nt)Tb-158m	TALYS-6a	0		22
Dy-162(n,4np)Tb-158g	TALYS-6a	0		16
Dy-162(n,4np)Tb-158m	TALYS-6a	0		16
Dy-162(n,3nd)Tb-158g	TALYS-6a	0		17
Dy-162(n,3nd)Tb-158m	TALYS-6a	0		16
Dy-162(n,n'da)Eu-156	TALYS-6a	0	[8]	23
Dy-162(n,2npa)Eu-156	TALYS-6a	0	[8]	22
Dy-162(n,7n)Dy-156	TALYS-6a	0		8
Dy-162(n,8n)Dy-155	TALYS-6a	0		4
Dy-162(n,5np)Tb-157	TALYS-6a	0		13
Dy-162(n,6np)Tb-156g	TALYS-6a	0	[4]	8
Dy-162(n,6np)Tb-156m	TALYS-6a	0	[4,7,8]	8
Dy-162(n,6np)Tb-156n	TALYS-6a	0	[4,7,8]	7
Dy-162(n,4na)Gd-155	TALYS-6a	0	[8]	19
Dy-162(n,5na)Gd-154	TALYS-6a	0	[8]	14
Dy-162(n,6na)Gd-153	TALYS-6a	0	[8]	10
Dy-162(n,7na)Gd-152	TALYS-6a	0	[8]	7
Dy-162(n,4nd)Tb-157	TALYS-6a	0	[8]	13
Dy-162(n,5nd)Tb-156g	TALYS-6a	0	[4]	9
Dy-162(n,5nd)Tb-156m	TALYS-6a	0	[4,7,8]	9
Dy-162(n,5nd)Tb-156n	TALYS-6a	0	[4,7,8]	8
Dy-162(n,6nd)Tb-155	TALYS-6a	0	[8]	5
Dy-162(n,3nt)Tb-157	TALYS-6a	0	[8]	16
Dy-162(n,4nt)Tb-156g	TALYS-6a	0	[4]	12
Dy-162(n,4nt)Tb-156m	TALYS-6a	0	[4,7,8]	11
Dy-162(n,4nt)Tb-156n	TALYS-6a	0	[4,7,8]	11
Dy-162(n,5nt)Tb-155	TALYS-6a	0	[8]	8
Dy-162(n,2nh)Gd-158	TALYS-6a	0	[8]	21
Dy-162(n,3nh)Gd-157	TALYS-6a	0	[8]	15
Dy-162(n,4nh)Gd-156	TALYS-6a	0	[8]	12
Dy-162(n,3n2p)Gd-158	TALYS-6a	0	[8]	15
Dy-162(n,3n2a)Sm-152	TALYS-6a	0	[8]	18
Dy-162(n,3npa)Eu-155	TALYS-6a	0	[8]	16
Dy-162(n,n'pd)Gd-159	TALYS-6a	0	[8]	20
Dy-162(n,n'pt)Gd-158	TALYS-6a	0	[8]	21
Dy-162(n,n'ta)Eu-155	TALYS-6a	0	[8]	22
Dy-162(n,2n2p)Gd-159	TALYS-6a	0	[8]	19
Dy-162(n,4n2p)Gd-157	TALYS-6a	0	[8]	11
Dy-162(n,4n2a)Sm-151	TALYS-6a	0	[8]	13
Dy-162(n,4npa)Eu-154g	TALYS-6a	0	[4,8]	12
Dy-162(n,4npa)Eu-154m	TALYS-6a	0	[4,7,8,8]	11
Dy-162(n,5n2p)Gd-156	TALYS-6a	0	[8]	8
Dy-163(n,2nd)Tb-160	TALYS-6a	0	[8]	25
Dy-163(n,2n)Dy-162	TALYS-6a	0		54
Dy-163(n,3n)Dy-161	TALYS-6a	0		32
Dy-163(n,n'a)Gd-159	TALYS-6a	0	[8]	61
Dy-163(n,2na)Gd-158	TALYS-6a	0	[8]	40
Dy-163(n,3na)Gd-157	TALYS-6a	0	[8]	28
Dy-163(n,n'p)Tb-162	TALYS-6a	0	[8]	43
Dy-163(n,2n2a)Sm-154	TALYS-6a	0	[8]	25
Dy-163(n,n'd)Tb-161	TALYS-6a	0	[8]	34
Dy-163(n,n't)Tb-160	TALYS-6a	0	[8]	31
Dy-163(n,n'h)Gd-160	TALYS-6a	0	[8]	28
Dy-163(n,4n)Dy-160	TALYS-6a	0		25
Dy-163(n,2np)Tb-161	TALYS-6a	0	[8]	31
Dy-163(n,3np)Tb-160	TALYS-6a	0		24
Dy-163(n,n'2p)Gd-161	TALYS-6a	0	[8]	26
Dy-163(n,n'pa)Eu-158	TALYS-6a	0	[8]	27

Reaction	Library	Flag	Value
>Dy-163(n,g)Dy-164	JEF-2.2	4 [13]	
10349			
Dy-163(n,p)Tb-163	ADL-3	6 [13]	45
Dy-163(n,d)Tb-162	TALYS-6a	0 [8]	47
Dy-163(n,t)Tb-161	TALYS-6a	0 [8]	45
Dy-163(n,h)Gd-161	TALYS-6a	0 [8]	35
Dy-163(n,a)Gd-160	TALYS-5	2 [9,3,3]	
10240			
Dy-163(n,2p)Gd-162	TALYS-6a	0 [8]	34
Dy-163(n,pd)Gd-161	TALYS-6a	0 [8]	27
Dy-163(n,5n)Dy-159	TALYS-6a	0	17
Dy-163(n,6n)Dy-158	TALYS-6a	0	13
Dy-163(n,2nt)Tb-159	TALYS-6a	0 [8]	24
Dy-163(n,4np)Tb-159	TALYS-6a	0 [8]	17
Dy-163(n,3nd)Tb-159	TALYS-6a	0 [8]	19
Dy-163(n,n'da)Eu-157	TALYS-6a	0 [8]	24
Dy-163(n,2npa)Eu-157	TALYS-6a	0 [8]	23
Dy-163(n,7n)Dy-157	TALYS-6a	0	9
Dy-163(n,8n)Dy-156	TALYS-6a	0	5
Dy-163(n,5np)Tb-158g	TALYS-6a	0	13
Dy-163(n,5np)Tb-158m	TALYS-6a	0	13
Dy-163(n,6np)Tb-157	TALYS-6a	0 [8]	9
Dy-163(n,7np)Tb-156g	TALYS-6a	0 [4]	5
Dy-163(n,7np)Tb-156m	TALYS-6a	0 [4,7,8]	5
Dy-163(n,7np)Tb-156n	TALYS-6a	0 [4,7,8]	4
Dy-163(n,4na)Gd-156	TALYS-6a	0 [8]	21
Dy-163(n,5na)Gd-155	TALYS-6a	0 [8]	14
Dy-163(n,6na)Gd-154	TALYS-6a	0 [8]	11
Dy-163(n,7na)Gd-153	TALYS-6a	0 [8]	7
Dy-163(n,4nd)Tb-158g	TALYS-6a	0	14
Dy-163(n,4nd)Tb-158m	TALYS-6a	0	13
Dy-163(n,5nd)Tb-157	TALYS-6a	0 [8]	10
Dy-163(n,6nd)Tb-156g	TALYS-6a	0 [4]	6
Dy-163(n,6nd)Tb-156m	TALYS-6a	0 [4,7,8]	6
Dy-163(n,6nd)Tb-156n	TALYS-6a	0 [4,7,8]	5
Dy-163(n,3nt)Tb-158g	TALYS-6a	0	16
Dy-163(n,3nt)Tb-158m	TALYS-6a	0	16
Dy-163(n,4nt)Tb-157	TALYS-6a	0 [8]	13
Dy-163(n,5nt)Tb-156g	TALYS-6a	0 [4]	8
Dy-163(n,5nt)Tb-156m	TALYS-6a	0 [4,7,8]	8
Dy-163(n,5nt)Tb-156n	TALYS-6a	0 [4,7,8]	7
Dy-163(n,6nt)Tb-155	TALYS-6a	0 [8]	5
Dy-163(n,2nh)Gd-159	TALYS-6a	0 [8]	21
Dy-163(n,3nh)Gd-158	TALYS-6a	0 [8]	16
Dy-163(n,4nh)Gd-157	TALYS-6a	0 [8]	12
Dy-163(n,3n2p)Gd-159	TALYS-6a	0 [8]	15
Dy-163(n,3n2a)Sm-153	TALYS-6a	0 [8]	16
Dy-163(n,3npa)Eu-156	TALYS-6a	0 [8]	16
Dy-163(n,n'pd)Gd-160	TALYS-6a	0 [8]	21
Dy-163(n,n'ta)Eu-156	TALYS-6a	0 [8]	22
Dy-163(n,2n2p)Gd-160	TALYS-6a	0 [8]	20
Dy-163(n,4n2p)Gd-158	TALYS-6a	0 [8]	12
Dy-163(n,4n2a)Sm-152	TALYS-6a	0 [8]	14
Dy-163(n,4npa)Eu-155	TALYS-6a	0 [8]	12
Dy-163(n,5n2p)Gd-157	TALYS-6a	0 [8]	8
Dy-164(n,2nd)Tb-161	TALYS-6a	0 [8]	25
Dy-164(n,2n)Dy-163	TALYS-6a	0	47
Dy-164(n,3n)Dy-162	TALYS-6a	0	33
Dy-164(n,n'a)Gd-160	TALYS-6a	0 [8]	61
Dy-164(n,2na)Gd-159	TALYS-6a	0 [8]	36
Dy-164(n,3na)Gd-158	TALYS-6a	0 [8]	28
Dy-164(n,n'p)Tb-163	TALYS-6a	0 [8]	42
Dy-164(n,2n2a)Sm-155	TALYS-6a	0 [8]	22
Dy-164(n,n'd)Tb-162	TALYS-6a	0 [8]	31
Dy-164(n,n't)Tb-161	TALYS-6a	0 [8]	31
Dy-164(n,n'h)Gd-161	TALYS-6a	0 [8]	26
Dy-164(n,4n)Dy-161	TALYS-6a	0	24
Dy-164(n,2np)Tb-162	TALYS-6a	0 [8]	30
Dy-164(n,3np)Tb-161	TALYS-6a	0 [8]	23
Dy-164(n,n'2p)Gd-162	TALYS-6a	0 [8]	25
Dy-164(n,n'pa)Eu-159	TALYS-6a	0 [8]	28
Dy-164(n,g)Dy-165g	ENDF/B-VI.7	5 [13,4,6]	
10386			
Dy-164(n,g)Dy-165m	ENDF/B-VI.7	6 [13,4,6]	
10386			
Dy-164(n,p)Tb-164	ADL-3	5 [13]	45
Dy-164(n,d)Tb-163	TALYS-6a	0 [8]	45
Dy-164(n,t)Tb-162	TALYS-6a	0 [8]	43
Dy-164(n,h)Gd-162	TALYS-6a	0 [8]	33
Dy-164(n,a)Gd-161	TALYS-5	2 [9,3,3]	709
Dy-164(n,2p)Gd-163	TALYS-6a	0 [8]	28
Dy-164(n,pd)Gd-162	TALYS-6a	0 [8]	26
Dy-164(n,5n)Dy-160	TALYS-6a	0	18
Dy-164(n,6n)Dy-159	TALYS-6a	0	13
Dy-164(n,2nt)Tb-160	TALYS-6a	0 [8]	23
Dy-164(n,4np)Tb-160	TALYS-6a	0 [8]	16
Dy-164(n,3nd)Tb-160	TALYS-6a	0 [8]	17
Dy-164(n,n'da)Eu-158	TALYS-6a	0 [8]	22
Dy-164(n,2npa)Eu-158	TALYS-6a	0 [8]	21
Dy-164(n,7n)Dy-158	TALYS-6a	0	9
Dy-164(n,8n)Dy-157	TALYS-6a	0	5
Dy-164(n,5np)Tb-159	TALYS-6a	0	13
Dy-164(n,6np)Tb-158g	TALYS-6a	0	9
Dy-164(n,6np)Tb-158m	TALYS-6a	0	9
Dy-164(n,7np)Tb-157	TALYS-6a	0	6
Dy-164(n,4na)Gd-157	TALYS-6a	0 [8]	20
Dy-164(n,5na)Gd-156	TALYS-6a	0 [8]	15
Dy-164(n,6na)Gd-155	TALYS-6a	0 [8]	11
Dy-164(n,7na)Gd-154	TALYS-6a	0 [8]	7
Dy-164(n,4nd)Tb-159	TALYS-6a	0	14
Dy-164(n,5nd)Tb-158g	TALYS-6a	0	10
Dy-164(n,5nd)Tb-158m	TALYS-6a	0	9
Dy-164(n,6nd)Tb-157	TALYS-6a	0 [8]	6
Dy-164(n,3nt)Tb-159	TALYS-6a	0 [8]	16
Dy-164(n,4nt)Tb-158g	TALYS-6a	0	12
Dy-164(n,4nt)Tb-158m	TALYS-6a	0	12
Dy-164(n,5nt)Tb-157	TALYS-6a	0 [8]	9
Dy-164(n,6nt)Tb-156g	TALYS-6a	0 [4]	5
Dy-164(n,6nt)Tb-156m	TALYS-6a	0 [4,7,8]	4
Dy-164(n,6nt)Tb-156n	TALYS-6a	0 [4,7,8]	4
Dy-164(n,2nh)Gd-160	TALYS-6a	0 [8]	20
Dy-164(n,3nh)Gd-159	TALYS-6a	0 [8]	15
Dy-164(n,4nh)Gd-158	TALYS-6a	0 [8]	12
Dy-164(n,3n2p)Gd-160	TALYS-6a	0 [8]	14
Dy-164(n,3n2a)Sm-154	TALYS-6a	0 [8]	17
Dy-164(n,3npa)Eu-157	TALYS-6a	0 [8]	16
Dy-164(n,n'pd)Gd-161	TALYS-6a	0 [8]	19
Dy-164(n,n'pt)Gd-160	TALYS-6a	0 [8]	20
Dy-164(n,n'ta)Eu-157	TALYS-6a	0 [8]	22
Dy-164(n,2n2p)Gd-161	TALYS-6a	0 [8]	18
Dy-164(n,4n2p)Gd-159	TALYS-6a	0 [8]	11
Dy-164(n,4n2a)Sm-153	TALYS-6a	0 [8]	12
Dy-164(n,4npa)Eu-156	TALYS-6a	0 [8]	12
Dy-165(n,n')Dy-165m	TALYS-6a	0	89
Dy-165(n,2nd)Tb-162	TALYS-6a	0 [8]	26
Dy-165(n,2n)Dy-164	TALYS-6a	0	57
Dy-165(n,3n)Dy-163	TALYS-6a	0	35
Dy-165(n,n'a)Gd-161	TALYS-6a	0 [8]	61
Dy-165(n,2na)Gd-160	TALYS-6a	0 [8]	40
Dy-165(n,3na)Gd-159	TALYS-6a	0 [8]	28
Dy-165(n,n'p)Tb-164	TALYS-6a	0 [8]	41
Dy-165(n,2n2a)Sm-156	TALYS-6a	0 [8]	24
Dy-165(n,n'd)Tb-163	TALYS-6a	0 [8]	33
Dy-165(n,n't)Tb-162	TALYS-6a	0 [8]	31
Dy-165(n,n'h)Gd-162	TALYS-6a	0 [8]	27
Dy-165(n,4n)Dy-162	TALYS-6a	0	27
Dy-165(n,2np)Tb-163	TALYS-6a	0 [8]	31
Dy-165(n,3np)Tb-162	TALYS-6a	0 [8]	24
Dy-165(n,n'2p)Gd-163	TALYS-6a	0 [8]	24
Dy-165(n,g)Dy-166	MASGAM	2 [13,12]	119
Dy-165(n,p)Tb-165	TALYS-6a	0 [2,8]	69
Dy-165(n,d)Tb-164	TALYS-6a	0 [8]	44
Dy-165(n,t)Tb-163	TALYS-6a	0 [8]	45
Dy-165(n,h)Gd-163	TALYS-6a	0 [8]	30
Dy-165(n,a)Gd-162	TALYS-6a	0 [2]	100
Dy-165(n,2p)Gd-164	TALYS-6a	0 [8]	27
Dy-165(n,pd)Gd-163	TALYS-6a	0 [8]	25
Dy-165(n,5n)Dy-161	TALYS-6a	0	18
Dy-165(n,6n)Dy-160	TALYS-6a	0	14
Dy-165(n,2nt)Tb-161	TALYS-6a	0 [8]	25
Dy-165(n,4np)Tb-161	TALYS-6a	0 [8]	18
Dy-165(n,3nd)Tb-161	TALYS-6a	0 [8]	19
Dy-165(n,2npa)Eu-159	TALYS-6a	0 [8]	22
Dy-165(n,7n)Dy-159	TALYS-6a	0	10
Dy-165(n,8n)Dy-158	TALYS-6a	0	6
Dy-165(n,5np)Tb-160	TALYS-6a	0 [8]	13
Dy-165(n,6np)Tb-159	TALYS-6a	0 [8]	10
Dy-165(n,7np)Tb-158g	TALYS-6a	0	6
Dy-165(n,7np)Tb-158m	TALYS-6a	0	6
Dy-165(n,4na)Gd-158	TALYS-6a	0 [8]	22
Dy-165(n,5na)Gd-157	TALYS-6a	0 [8]	15
Dy-165(n,6na)Gd-156	TALYS-6a	0 [8]	12
Dy-165(n,7na)Gd-155	TALYS-6a	0 [8]	7
Dy-165(n,4nd)Tb-160	TALYS-6a	0 [8]	14
Dy-165(n,5nd)Tb-159	TALYS-6a	0 [8]	11
Dy-165(n,6nd)Tb-158g	TALYS-6a	0	7
Dy-165(n,6nd)Tb-158m	TALYS-6a	0	7
Dy-165(n,3nt)Tb-160	TALYS-6a	0 [8]	17
Dy-165(n,4nt)Tb-159	TALYS-6a	0 [8]	14
Dy-165(n,5nt)Tb-158g	TALYS-6a	0	9
Dy-165(n,5nt)Tb-158m	TALYS-6a	0	9
Dy-165(n,6nt)Tb-157	TALYS-6a	0 [8]	6
Dy-165(n,2nh)Gd-161	TALYS-6a	0 [8]	20
Dy-165(n,3nh)Gd-160	TALYS-6a	0 [8]	16
Dy-165(n,4nh)Gd-159	TALYS-6a	0 [8]	12
Dy-165(n,3n2p)Gd-161	TALYS-6a	0 [8]	14
Dy-165(n,3n2a)Sm-155	TALYS-6a	0 [8]	16
Dy-165(n,3npa)Eu-158	TALYS-6a	0 [8]	16
Dy-165(n,n'pd)Gd-162	TALYS-6a	0 [8]	20
Dy-165(n,2n2p)Gd-162	TALYS-6a	0 [8]	19
Dy-165(n,4n2p)Gd-160	TALYS-6a	0 [8]	12
Dy-165(n,4n2a)Sm-154	TALYS-6a	0 [8]	13
Dy-165(n,4npa)Eu-157	TALYS-6a	0 [8]	13
Dy-165(n,5n2p)Gd-159	TALYS-6a	0 [8]	8
Dy-166(n,2nd)Tb-163	TALYS-6a	0 [8]	25
Dy-166(n,2n)Dy-165g	TALYS-6a	0	50
Dy-166(n,2n)Dy-165m	TALYS-6a	0	50
Dy-166(n,3n)Dy-164	TALYS-6a	0	36
Dy-166(n,n'a)Gd-162	TALYS-6a	0 [8]	59
Dy-166(n,2na)Gd-161	TALYS-6a	0 [8]	37
Dy-166(n,3na)Gd-160	TALYS-6a	0 [8]	29
Dy-166(n,n'p)Tb-165	TALYS-6a	0 [8]	41
Dy-166(n,n'd)Tb-164	TALYS-6a	0 [8]	31
Dy-166(n,n't)Tb-163	TALYS-6a	0 [8]	31
Dy-166(n,n'h)Gd-163	TALYS-6a	0 [8]	25
Dy-166(n,4n)Dy-163	TALYS-6a	0	26
Dy-166(n,2np)Tb-164	TALYS-6a	0 [8]	29
Dy-166(n,3np)Tb-163	TALYS-6a	0 [8]	24
Dy-166(n,n'2p)Gd-164	TALYS-6a	0 [8]	23
>Dy-166(n,g)Dy-167	TALYS-6a	0	100
Dy-166(n,p)Tb-166	TALYS-6a	0 [2,8]	59
Dy-166(n,d)Tb-165	TALYS-6a	0 [8]	44
Dy-166(n,t)Tb-164	TALYS-6a	0 [8]	42
Dy-166(n,h)Gd-164	TALYS-6a	0 [8]	30
Dy-166(n,a)Gd-163	TALYS-6a	0 [2]	100
Dy-166(n,2p)Gd-165	TALYS-6a	0 [8]	25
Dy-166(n,pd)Gd-164	TALYS-6a	0 [8]	24
Dy-166(n,5n)Dy-162	TALYS-6a	0	20
Dy-166(n,6n)Dy-161	TALYS-6a	0	14
Dy-166(n,2nt)Tb-162	TALYS-6a	0 [8]	24
Dy-166(n,4np)Tb-162	TALYS-6a	0 [8]	17
Dy-166(n,3nd)Tb-162	TALYS-6a	0 [8]	19
Dy-166(n,2npa)Eu-160	TALYS-6a	0 [8]	20
Dy-166(n,7n)Dy-160	TALYS-6a	0	11
Dy-166(n,8n)Dy-159	TALYS-6a	0	6
Dy-166(n,5np)Tb-161	TALYS-6a	0	14
Dy-166(n,6np)Tb-160	TALYS-6a	0	10
Dy-166(n,7np)Tb-159	TALYS-6a	0	7

Reaction	Library			
Dy-166(n,4na)Gd-159	TALYS-6a	0	[8]	21
Dy-166(n,5na)Gd-158	TALYS-6a	0	[8]	16
Dy-166(n,6na)Gd-157	TALYS-6a	0	[8]	12
Dy-166(n,7na)Gd-156	TALYS-6a	0	[8]	8
Dy-166(n,4nd)Tb-161	TALYS-6a	0	[8]	14
Dy-166(n,5nd)Tb-160	TALYS-6a	0	[8]	10
Dy-166(n,6nd)Tb-159	TALYS-6a	0	[8]	7
Dy-166(n,3nt)Tb-161	TALYS-6a	0	[8]	18
Dy-166(n,4nt)Tb-160	TALYS-6a	0	[8]	13
Dy-166(n,5nt)Tb-159	TALYS-6a	0	[8]	10
Dy-166(n,6nt)Tb-158g	TALYS-6a	0		6
Dy-166(n,6nt)Tb-158m	TALYS-6a	0		6
Dy-166(n,2nh)Gd-162	TALYS-6a	0	[8]	20
Dy-166(n,3nh)Gd-161	TALYS-6a	0	[8]	15
Dy-166(n,4nh)Gd-160	TALYS-6a	0	[8]	12
Dy-166(n,3n2p)Gd-162	TALYS-6a	0	[8]	14
Dy-166(n,3n2a)Sm-156	TALYS-6a	0	[8]	16
Dy-166(n,3npa)Eu-159	TALYS-6a	0	[8]	16
Dy-166(n,n'pd)Gd-163	TALYS-6a	0	[8]	19
Dy-166(n,2n2p)Gd-163	TALYS-6a	0	[8]	17
Dy-166(n,4n2p)Gd-161	TALYS-6a	0	[8]	11
Dy-166(n,4n2a)Sm-155	TALYS-6a	0	[8]	12
Dy-166(n,4npa)Eu-158	TALYS-6a	0	[8]	12
Dy-166(n,5n2p)Gd-160	TALYS-6a	0	[8]	8
Ho-163(n,n')Ho-163m	TALYS-6a	0		87
Ho-163(n,2nd)Dy-160	TALYS-6a	0	[8]	27
Ho-163(n,2n)Ho-162g	TALYS-6a	0		45
Ho-163(n,2n)Ho-162m	TALYS-6a	0		44
Ho-163(n,3n)Ho-161g	TALYS-6a	0		31
Ho-163(n,3n)Ho-161m	TALYS-6a	0		31
Ho-163(n,n'a)Tb-159	TALYS-6a	0		100
Ho-163(n,2na)Tb-158g	TALYS-6a	0		38
Ho-163(n,2na)Tb-158m	TALYS-6a	0		38
Ho-163(n,3na)Tb-157	TALYS-6a	0	[8]	28
Ho-163(n,n'p)Dy-162	TALYS-6a	0	[8]	53
Ho-163(n,n'2a)Eu-155	TALYS-6a	0		100
Ho-163(n,2n2a)Eu-154g	TALYS-6a	0	[4,8]	25
Ho-163(n,2n2a)Eu-154m	TALYS-6a	0	[4,7,8,8]	24
Ho-163(n,n'd)Dy-161	TALYS-6a	0	[8]	35
Ho-163(n,n't)Dy-160	TALYS-6a	0	[8]	34
Ho-163(n,n'h)Tb-160	TALYS-6a	0	[8]	28
Ho-163(n,4n)Ho-160g	TALYS-6a	0	[4]	22
Ho-163(n,4n)Ho-160m	TALYS-6a	0	[4,7,8]	21
Ho-163(n,4n)Ho-160n	TALYS-6a	0	[4,7,8]	21
Ho-163(n,2np)Dy-161	TALYS-6a	0	[8]	32
Ho-163(n,3np)Dy-160	TALYS-6a	0	[8]	25
Ho-163(n,n'2p)Tb-161	TALYS-6a	0	[8]	28
Ho-163(n,n'pa)Gd-158	TALYS-6a	0	[8]	34
Ho-163(n,g)Ho-164g	MASGAM	2	[14,13,4,6]	83
Ho-163(n,g)Ho-164m	MASGAM	0	[14,13,4,6]	83
Ho-163(n,p)Dy-163	TALYS-6a	0	[2]	100
Ho-163(n,d)Dy-162	TALYS-6a	0	[8]	61
Ho-163(n,t)Dy-161	TALYS-6a	0	[8]	48
Ho-163(n,h)Tb-161	TALYS-6a	0	[8]	39
Ho-163(n,a)Tb-160	TALYS-6a	0	[2]	100
Ho-163(n,2p)Tb-162	TALYS-6a	0	[8]	37
Ho-163(n,pd)Tb-161	TALYS-6a	0	[8]	29
Ho-163(n,5n)Ho-159g	TALYS-6a	0		16
Ho-163(n,5n)Ho-159m	TALYS-6a	0		16
Ho-163(n,6n)Ho-158g	TALYS-6a	0		11
Ho-163(n,6n)Ho-158m	TALYS-6a	0		11
Ho-163(n,6n)Ho-158n	TALYS-6a	0		11
Ho-163(n,2nt)Dy-159	TALYS-6a	0	[8]	24
Ho-163(n,4np)Dy-159	TALYS-6a	0	[8]	17
Ho-163(n,3nd)Dy-159	TALYS-6a	0	[8]	18
Ho-163(n,n'da)Gd-157	TALYS-6a	0	[8]	26
Ho-163(n,2npa)Gd-157	TALYS-6a	0	[8]	25
Ho-163(n,7n)Ho-157	TALYS-6a	0		7
Ho-163(n,5np)Dy-158	TALYS-6a	0	[8]	13
Ho-163(n,6np)Dy-157	TALYS-6a	0		9
Ho-163(n,7np)Dy-156	TALYS-6a	0	[8]	5
Ho-163(n,4na)Tb-156g	TALYS-6a	0	[4]	19
Ho-163(n,4na)Tb-156m	TALYS-6a	0	[4,7,8]	19
Ho-163(n,4na)Tb-156n	TALYS-6a	0	[4,7,8]	18
Ho-163(n,5na)Tb-155	TALYS-6a	0	[8]	14
Ho-163(n,6na)Tb-154g	TALYS-6a	0	[4,8]	9
Ho-163(n,6na)Tb-154m	TALYS-6a	0	[4,7,8,8]	8
Ho-163(n,6na)Tb-154n	TALYS-6a	0	[4,7,8,8]	8
Ho-163(n,7na)Tb-153	TALYS-6a	0	[8]	6
Ho-163(n,4nd)Dy-158	TALYS-6a	0	[8]	14
Ho-163(n,5nd)Dy-157	TALYS-6a	0	[8]	9
Ho-163(n,6nd)Dy-156	TALYS-6a	0	[8]	6
Ho-163(n,3nt)Dy-158	TALYS-6a	0	[8]	17
Ho-163(n,4nt)Dy-157	TALYS-6a	0	[8]	12
Ho-163(n,5nt)Dy-156	TALYS-6a	0	[8]	9
Ho-163(n,2nh)Tb-159	TALYS-6a	0	[8]	22
Ho-163(n,3nh)Tb-158g	TALYS-6a	0		15
Ho-163(n,3nh)Tb-158m	TALYS-6a	0		15
Ho-163(n,4nh)Tb-157	TALYS-6a	0	[8]	12
Ho-163(n,3n2p)Tb-159	TALYS-6a	0	[8]	15
Ho-163(n,3n2a)Eu-153	TALYS-6a	0	[8]	18
Ho-163(n,3npa)Gd-156	TALYS-6a	0	[8]	18
Ho-163(n,n'pd)Tb-160	TALYS-6a	0	[8]	22
Ho-163(n,n'pt)Tb-159	TALYS-6a	0	[8]	21
Ho-163(n,n'dt)Tb-158g	TALYS-6a	0		15
Ho-163(n,n'dt)Tb-158m	TALYS-6a	0		15
Ho-163(n,n'ta)Gd-156	TALYS-6a	0	[8]	25
Ho-163(n,2n2p)Tb-160	TALYS-6a	0	[8]	20
Ho-163(n,4n2p)Tb-158g	TALYS-6a	0		11
Ho-163(n,4n2p)Tb-158m	TALYS-6a	0		11
Ho-163(n,4n2a)Eu-152g	TALYS-6a	0	[4]	13
Ho-163(n,4n2a)Eu-152m	TALYS-6a	0	[4,7,8]	11
Ho-163(n,4n2a)Eu-152n	TALYS-6a	0	[4,7,8]	12
Ho-163(n,4npa)Gd-155	TALYS-6a	0	[8]	13
Ho-163(n,5n2p)Tb-157	TALYS-6a	0	[8]	8
Ho-164(n,n')Ho-164m	TALYS-6a	0		89
Ho-164(n,2nd)Dy-161	TALYS-6a	0	[8]	27
Ho-164(n,2n)Ho-163g	TALYS-6a	0		52
Ho-164(n,2n)Ho-163m	TALYS-6a	0		50
Ho-164(n,3n)Ho-162g	TALYS-6a	0		31
Ho-164(n,3n)Ho-162m	TALYS-6a	0		31
Ho-164(n,n'a)Tb-160	TALYS-6a	0		100
Ho-164(n,2na)Tb-159	TALYS-6a	0	[8]	41
Ho-164(n,3na)Tb-158g	TALYS-6a	0		28
Ho-164(n,3na)Tb-158m	TALYS-6a	0		28
Ho-164(n,n'p)Dy-163	TALYS-6a	0	[8]	51
Ho-164(n,n'2a)Eu-156	TALYS-6a	0		100
Ho-164(n,2n2a)Eu-155	TALYS-6a	0	[8]	27
Ho-164(n,n'd)Dy-162	TALYS-6a	0	[8]	38
Ho-164(n,n't)Dy-161	TALYS-6a	0	[8]	33
Ho-164(n,n'h)Tb-161	TALYS-6a	0	[8]	29
Ho-164(n,4n)Ho-161g	TALYS-6a	0		24
Ho-164(n,4n)Ho-161m	TALYS-6a	0		24
Ho-164(n,2np)Dy-162	TALYS-6a	0	[8]	35
Ho-164(n,3np)Dy-161	TALYS-6a	0	[8]	25
Ho-164(n,n'2p)Tb-162	TALYS-6a	0	[8]	27
Ho-164(n,n'pa)Gd-159	TALYS-6a	0	[8]	32
>Ho-164(n,g)Ho-165	ADL-3	0	[14,13,8]	107
Ho-164(n,p)Dy-164	TALYS-6a	0	[2]	100
Ho-164(n,d)Dy-163	TALYS-6a	0	[8]	58
Ho-164(n,t)Dy-162	TALYS-6a	0	[8]	56
Ho-164(n,h)Tb-162	TALYS-6a	0	[8]	38
Ho-164(n,a)Tb-161	TALYS-6a	0	[2]	100
Ho-164(n,2p)Tb-163	TALYS-6a	0	[8]	37
Ho-164(n,pd)Tb-162	TALYS-6a	0	[8]	29
Ho-164(n,5n)Ho-160g	TALYS-6a	0	[4]	16
Ho-164(n,5n)Ho-160m	TALYS-6a	0	[4,7,8]	15
Ho-164(n,5n)Ho-160n	TALYS-6a	0	[4,7,8]	15
Ho-164(n,6n)Ho-159g	TALYS-6a	0		12
Ho-164(n,6n)Ho-159m	TALYS-6a	0		12
Ho-164(n,2nt)Dy-160	TALYS-6a	0	[8]	26
Ho-164(n,4np)Dy-160	TALYS-6a	0	[8]	18
Ho-164(n,3nd)Dy-160	TALYS-6a	0	[8]	20
Ho-164(n,n'da)Gd-158	TALYS-6a	0	[8]	27
Ho-164(n,2npa)Gd-158	TALYS-6a	0	[8]	26
Ho-164(n,7n)Ho-158g	TALYS-6a	0		8
Ho-164(n,7n)Ho-158m	TALYS-6a	0		8
Ho-164(n,7n)Ho-158n	TALYS-6a	0		8
Ho-164(n,5np)Dy-159	TALYS-6a	0	[8]	13
Ho-164(n,6np)Dy-158	TALYS-6a	0		10
Ho-164(n,7np)Dy-157	TALYS-6a	0	[8]	5
Ho-164(n,4na)Tb-157	TALYS-6a	0	[8]	21
Ho-164(n,5na)Tb-156g	TALYS-6a	0	[4]	14
Ho-164(n,5na)Tb-156m	TALYS-6a	0	[4,7,8]	14
Ho-164(n,5na)Tb-156n	TALYS-6a	0	[4,7,8]	13
Ho-164(n,6na)Tb-155	TALYS-6a	0	[8]	11
Ho-164(n,4nd)Dy-159	TALYS-6a	0	[8]	14
Ho-164(n,5nd)Dy-158	TALYS-6a	0	[8]	10
Ho-164(n,6nd)Dy-157	TALYS-6a	0	[8]	6
Ho-164(n,3nt)Dy-159	TALYS-6a	0	[8]	17
Ho-164(n,4nt)Dy-158	TALYS-6a	0	[8]	13
Ho-164(n,5nt)Dy-157	TALYS-6a	0	[8]	9
Ho-164(n,6nt)Dy-156	TALYS-6a	0	[8]	5
Ho-164(n,2nh)Tb-160	TALYS-6a	0	[8]	21
Ho-164(n,3nh)Tb-159	TALYS-6a	0	[8]	16
Ho-164(n,4nh)Tb-158g	TALYS-6a	0		12
Ho-164(n,4nh)Tb-158m	TALYS-6a	0		12
Ho-164(n,3n2p)Tb-160	TALYS-6a	0	[8]	15
Ho-164(n,3n2a)Eu-154g	TALYS-6a	0	[4,8]	17
Ho-164(n,3n2a)Eu-154m	TALYS-6a	0	[4,7,8,8]	16
Ho-164(n,3npa)Gd-157	TALYS-6a	0	[8]	18
Ho-164(n,n'pd)Tb-161	TALYS-6a	0	[8]	23
Ho-164(n,n'pt)Tb-160	TALYS-6a	0	[8]	21
Ho-164(n,n'dt)Tb-159	TALYS-6a	0	[8]	16
Ho-164(n,n'ta)Gd-157	TALYS-6a	0	[8]	25
Ho-164(n,2n2p)Tb-161	TALYS-6a	0	[8]	21
Ho-164(n,4n2p)Tb-159	TALYS-6a	0	[8]	12
Ho-164(n,4n2a)Eu-153	TALYS-6a	0	[8]	14
Ho-164(n,4npa)Gd-156	TALYS-6a	0	[8]	14
Ho-164(n,5n2p)Tb-158g	TALYS-6a	0		8
Ho-164(n,5n2p)Tb-158m	TALYS-6a	0		8
Ho-164m(n,n')Ho-164g	TALYS-6a	0	[8]	97
Ho-164m(n,2nd)Dy-161	TALYS-6a	0	[8]	27
Ho-164m(n,2n)Ho-163g	TALYS-6a	0		53
Ho-164m(n,2n)Ho-163m	TALYS-6a	0		51
Ho-164m(n,3n)Ho-162g	TALYS-6a	0		31
Ho-164m(n,3n)Ho-162m	TALYS-6a	0		31
Ho-164m(n,n'a)Tb-160	TALYS-6a	0		100
Ho-164m(n,2na)Tb-159	TALYS-6a	0	[8]	41
Ho-164m(n,3na)Tb-158g	TALYS-6a	0		28
Ho-164m(n,3na)Tb-158m	TALYS-6a	0		28
Ho-164m(n,n'p)Dy-163	TALYS-6a	0	[8]	52
Ho-164m(n,n'2a)Eu-156	TALYS-6a	0		100
Ho-164m(n,2n2a)Eu-155	TALYS-6a	0	[8]	27
Ho-164m(n,n'd)Dy-162	TALYS-6a	0	[8]	38
Ho-164m(n,n't)Dy-161	TALYS-6a	0	[8]	33
Ho-164m(n,n'h)Tb-161	TALYS-6a	0	[8]	29
Ho-164m(n,4n)Ho-161g	TALYS-6a	0		25
Ho-164m(n,4n)Ho-161m	TALYS-6a	0		24
Ho-164m(n,2np)Dy-162	TALYS-6a	0	[8]	35
Ho-164m(n,3np)Dy-161	TALYS-6a	0	[8]	25
Ho-164m(n,n'2p)Tb-162	TALYS-6a	0	[8]	28
Ho-164m(n,n'pa)Gd-159	TALYS-6a	0	[8]	32
>Ho-164m(n,g)Ho-165	ADL-3	0	[14,13,8]	107
Ho-164m(n,p)Dy-164	TALYS-6a	0	[2]	100
Ho-164m(n,d)Dy-163	TALYS-6a	0	[8]	59
Ho-164m(n,t)Dy-162	TALYS-6a	0	[8]	56
Ho-164m(n,h)Tb-162	TALYS-6a	0	[8]	35
Ho-164m(n,a)Tb-161	TALYS-6a	0	[2]	100
Ho-164m(n,2p)Tb-163	TALYS-6a	0	[8]	37
Ho-164m(n,pd)Tb-162	TALYS-6a	0	[8]	29
Ho-164m(n,5n)Ho-160g	TALYS-6a	0	[4]	16
Ho-164m(n,5n)Ho-160m	TALYS-6a	0	[4,7,8]	15
Ho-164m(n,5n)Ho-160n	TALYS-6a	0	[4,7,8]	15
Ho-164m(n,6n)Ho-159g	TALYS-6a	0		12
Ho-164m(n,6n)Ho-159m	TALYS-6a	0		12
Ho-164m(n,2nt)Dy-160	TALYS-6a	0	[8]	26
Ho-164m(n,4np)Dy-160	TALYS-6a	0	[8]	19

Reaction	Library	Flag [refs]	Value
Ho-164m(n,3nd)Dy-160	TALYS-6a	0 [8]	20
Ho-164m(n,n'da)Gd-158	TALYS-6a	0 [8]	27
Ho-164m(n,2npa)Gd-158	TALYS-6a	0 [8]	26
Ho-164m(n,7n)Ho-158g	TALYS-6a	0	8
Ho-164m(n,7n)Ho-158m	TALYS-6a	0	8
Ho-164m(n,7n)Ho-158n	TALYS-6a	0	8
Ho-164m(n,5np)Dy-159	TALYS-6a	0 [8]	13
Ho-164m(n,6np)Dy-158	TALYS-6a	0	10
Ho-164m(n,7np)Dy-157	TALYS-6a	0 [8]	5
Ho-164m(n,4na)Tb-157	TALYS-6a	0 [8]	21
Ho-164m(n,5na)Tb-156g	TALYS-6a	0 [4]	14
Ho-164m(n,5na)Tb-156m	TALYS-6a	0 [4,7,8]	14
Ho-164m(n,5na)Tb-156n	TALYS-6a	0 [4,7,8]	13
Ho-164m(n,6na)Tb-155	TALYS-6a	0 [8]	11
Ho-164m(n,4nd)Dy-159	TALYS-6a	0 [8]	14
Ho-164m(n,5nd)Dy-158	TALYS-6a	0	11
Ho-164m(n,6nd)Dy-157	TALYS-6a	0 [8]	6
Ho-164m(n,3nt)Dy-159	TALYS-6a	0 [8]	17
Ho-164m(n,4nt)Dy-158	TALYS-6a	0 [8]	13
Ho-164m(n,5nt)Dy-157	TALYS-6a	0 [8]	9
Ho-164m(n,6nt)Dy-156	TALYS-6a	0 [8]	5
Ho-164m(n,2nh)Tb-160	TALYS-6a	0 [8]	21
Ho-164m(n,3nh)Tb-159	TALYS-6a	0 [8]	16
Ho-164m(n,4nh)Tb-158g	TALYS-6a	0	12
Ho-164m(n,4nh)Tb-158m	TALYS-6a	0	12
Ho-164m(n,3n2p)Tb-160	TALYS-6a	0 [8]	15
Ho-164m(n,3n2a)Eu-154g	TALYS-6a	0 [4,8]	18
Ho-164m(n,3n2a)Eu-154m	TALYS-6a	0 [4,7,8,8]	17
Ho-164m(n,3npa)Gd-157	TALYS-6a	0 [8]	18
Ho-164m(n,n'pd)Tb-161	TALYS-6a	0 [8]	23
Ho-164m(n,n'pt)Tb-160	TALYS-6a	0 [8]	21
Ho-164m(n,n'dt)Tb-159	TALYS-6a	0 [8]	16
Ho-164m(n,n'ta)Gd-157	TALYS-6a	0 [8]	25
Ho-164m(n,2n2p)Tb-161	TALYS-6a	0 [8]	21
Ho-164m(n,4n2p)Tb-159	TALYS-6a	0 [8]	12
Ho-164m(n,4n2a)Eu-153	TALYS-6a	0 [8]	14
Ho-164m(n,4npa)Gd-156	TALYS-6a	0 [8]	14
Ho-164m(n,5n2p)Tb-158g	TALYS-6a	0	8
Ho-164m(n,5n2p)Tb-158m	TALYS-6a	0	8
Ho-165(n,2nd)Dy-162	TALYS-6a	0 [8]	27
>Ho-165(n,2n)Ho-164g	TALYS-6	5 [3]	45
>Ho-165(n,2n)Ho-164m	TALYS-6	6 [3]	45
Ho-165(n,3n)Ho-163g	TALYS-6a	0	32
Ho-165(n,3n)Ho-163m	TALYS-6a	0	31
Ho-165(n,n'a)Tb-161	TALYS-6a	1	100
Ho-165(n,2na)Tb-160	TALYS-6a	0 [8]	37
Ho-165(n,3na)Tb-159	TALYS-6a	0 [8]	28
Ho-165(n,n'p)Dy-164	TALYS-6a	0 [8]	49
Ho-165(n,n'2a)Eu-157	TALYS-6a	0 [8]	33
Ho-165(n,2n2a)Eu-156	TALYS-6a	0 [8]	23
Ho-165(n,n'd)Dy-163	TALYS-6a	0 [8]	34
Ho-165(n,n't)Dy-162	TALYS-6a	0 [8]	34
Ho-165(n,n'h)Tb-162	TALYS-6a	0 [8]	27
Ho-165(n,4n)Ho-162g	TALYS-6a	0	23
Ho-165(n,4n)Ho-162m	TALYS-6a	0	23
Ho-165(n,2np)Dy-163	TALYS-6a	0 [8]	31
Ho-165(n,3np)Dy-162	TALYS-6a	0 [8]	25
Ho-165(n,n'2p)Tb-163	TALYS-6a	0 [8]	26
Ho-165(n,n'pa)Gd-160	TALYS-6a	0 [8]	31
>Ho-165(n,g)Ho-166g	JEF-2.2	4 [13,3]	5010
>Ho-165(n,g)Ho-166m	JEF-2.2	2 [13,3]	5010
Ho-165(n,p)Dy-165g	ADL-3	2 [13,3]	44
Ho-165(n,p)Dy-165m	ADL-3	2 [13,3]	44
Ho-165(n,d)Dy-164	TALYS-6a	0 [8]	57
Ho-165(n,t)Dy-163	TALYS-5	5 [8]	49
Ho-165(n,h)Tb-163	TALYS-6a	5 [8]	36
Ho-165(n,a)Tb-162	TALYS-5	6 [9,3,3]	4924
Ho-165(n,2p)Tb-164	TALYS-6a	0 [8]	30
Ho-165(n,pd)Tb-163	TALYS-6a	0 [8]	27
Ho-165(n,5n)Ho-161g	TALYS-6a	0	16
Ho-165(n,5n)Ho-161m	TALYS-6a	0	16
Ho-165(n,6n)Ho-160g	TALYS-6a	0 [4]	12
Ho-165(n,6n)Ho-160m	TALYS-6a	0 [4,7,8]	11
Ho-165(n,6n)Ho-160n	TALYS-6a	0 [4,7,8]	11
Ho-165(n,2nt)Dy-161	TALYS-6a	0 [8]	24
Ho-165(n,4np)Dy-161	TALYS-6a	0 [8]	17
Ho-165(n,3nd)Dy-161	TALYS-6a	0 [8]	18
Ho-165(n,n'da)Gd-159	TALYS-6a	0 [8]	25
Ho-165(n,2npa)Gd-159	TALYS-6a	0 [8]	23
Ho-165(n,7n)Ho-159g	TALYS-6a	0	8
Ho-165(n,7n)Ho-159m	TALYS-6a	0	8
Ho-165(n,5np)Dy-160	TALYS-6a	0	14
Ho-165(n,6np)Dy-159	TALYS-6a	0 [8]	9
Ho-165(n,7np)Dy-158	TALYS-6a	0	6
Ho-165(n,4na)Tb-158g	TALYS-6a	0	20
Ho-165(n,4na)Tb-158m	TALYS-6a	0	19
Ho-165(n,5na)Tb-157	TALYS-6a	0 [8]	14
Ho-165(n,6na)Tb-156g	TALYS-6a	0 [4]	10
Ho-165(n,6na)Tb-156m	TALYS-6a	0 [4,7,8]	10
Ho-165(n,6na)Tb-156n	TALYS-6a	0 [4,7,8]	9
Ho-165(n,7na)Tb-155	TALYS-6a	0 [8]	6
Ho-165(n,4nd)Dy-160	TALYS-6a	0 [8]	14
Ho-165(n,5nd)Dy-159	TALYS-6a	0 [8]	10
Ho-165(n,6nd)Dy-158	TALYS-6a	0	7
Ho-165(n,3nt)Dy-160	TALYS-6a	0 [8]	17
Ho-165(n,4nt)Dy-159	TALYS-6a	0 [8]	13
Ho-165(n,5nt)Dy-158	TALYS-6a	0 [8]	9
Ho-165(n,6nt)Dy-157	TALYS-6a	0 [8]	5
Ho-165(n,2nh)Tb-161	TALYS-6a	0 [8]	21
Ho-165(n,3nh)Tb-160	TALYS-6a	0 [8]	15
Ho-165(n,4nh)Tb-159	TALYS-6a	0 [8]	12
Ho-165(n,3n2p)Tb-161	TALYS-6a	0 [8]	15
Ho-165(n,3n2a)Eu-155	TALYS-6a	0 [8]	17
Ho-165(n,3npa)Gd-158	TALYS-6a	0 [8]	17
Ho-165(n,n'pd)Tb-162	TALYS-6a	0 [8]	21
Ho-165(n,n'pt)Tb-161	TALYS-6a	0 [8]	20
Ho-165(n,n'dt)Tb-160	TALYS-6a	0 [8]	15
Ho-165(n,n'ta)Gd-158	TALYS-6a	0 [8]	24
Ho-165(n,2n2p)Tb-162	TALYS-6a	0 [8]	19
Ho-165(n,4n2p)Tb-160	TALYS-6a	0 [8]	11
Ho-165(n,4n2a)Eu-154g	TALYS-6a	0 [4,8]	12
Ho-165(n,4n2a)Eu-154m	TALYS-6a	0 [4,7,8,8]	11
Ho-165(n,4npa)Gd-157	TALYS-6a	0 [8]	13
Ho-165(n,5n2p)Tb-159	TALYS-6a	0 [8]	8
Ho-166(n,n')Ho-166m	TALYS-6a	0	93
Ho-166(n,2nd)Dy-163	TALYS-6a	0 [8]	27
Ho-166(n,2n)Ho-165	TALYS-6a	0	54
Ho-166(n,3n)Ho-164g	TALYS-6a	0	33
Ho-166(n,3n)Ho-164m	TALYS-6a	0	33
Ho-166(n,n'a)Tb-162	TALYS-6a	0	100
Ho-166(n,2na)Tb-161	TALYS-6a	0 [8]	40
Ho-166(n,3na)Tb-160	TALYS-6a	0 [8]	28
Ho-166(n,n'p)Dy-165g	TALYS-6a	0	46
Ho-166(n,n'p)Dy-165m	TALYS-6a	0	45
Ho-166(n,2n2a)Eu-157	TALYS-6a	0 [8]	26
Ho-166(n,n'd)Dy-164	TALYS-6a	0 [8]	37
Ho-166(n,n't)Dy-163	TALYS-6a	0 [8]	34
Ho-166(n,n'h)Tb-163	TALYS-6a	0 [8]	27
Ho-166(n,4n)Ho-163g	TALYS-6a	0	25
Ho-166(n,4n)Ho-163m	TALYS-6a	0	25
Ho-166(n,2np)Dy-164	TALYS-6a	0 [8]	34
Ho-166(n,3np)Dy-163	TALYS-6a	0 [8]	25
Ho-166(n,n'2p)Tb-164	TALYS-6a	0 [8]	25
Ho-166(n,n'pa)Gd-161	TALYS-6a	0 [8]	30
Ho-166(n,g)Ho-167	MASGAM	0 [14,13]	83
Ho-166(n,p)Dy-166	TALYS-6a	0 [2]	100
Ho-166(n,d)Dy-165g	TALYS-6a	0	54
Ho-166(n,d)Dy-165m	TALYS-6a	0	54
Ho-166(n,t)Dy-164	TALYS-6a	0 [8]	55
Ho-166(n,h)Tb-164	TALYS-6a	0 [8]	32
Ho-166(n,a)Tb-163	TALYS-6a	0 [2]	100
Ho-166(n,2p)Tb-165	TALYS-6a	0 [8]	29
Ho-166(n,pd)Tb-164	TALYS-6a	0 [8]	27
Ho-166(n,5n)Ho-162g	TALYS-6a	0	17
Ho-166(n,5n)Ho-162m	TALYS-6a	0	17
Ho-166(n,6n)Ho-161g	TALYS-6a	0	13
Ho-166(n,6n)Ho-161m	TALYS-6a	0	13
Ho-166(n,2nt)Dy-162	TALYS-6a	0 [8]	26
Ho-166(n,4np)Dy-162	TALYS-6a	0 [8]	19
Ho-166(n,3nd)Dy-162	TALYS-6a	0 [8]	20
Ho-166(n,n'da)Gd-160	TALYS-6a	0 [8]	26
Ho-166(n,2npa)Gd-160	TALYS-6a	0 [8]	25
Ho-166(n,7n)Ho-160g	TALYS-6a	0 [4]	9
Ho-166(n,7n)Ho-160m	TALYS-6a	0 [4,7,8]	8
Ho-166(n,7n)Ho-160n	TALYS-6a	0 [4,7,8]	8
Ho-166(n,8n)Ho-159g	TALYS-6a	0	5
Ho-166(n,8n)Ho-159m	TALYS-6a	0	5
Ho-166(n,5np)Dy-161	TALYS-6a	0	14
Ho-166(n,6np)Dy-160	TALYS-6a	0	11
Ho-166(n,7np)Dy-159	TALYS-6a	0 [8]	6
Ho-166(n,4na)Tb-159	TALYS-6a	0 [8]	22
Ho-166(n,5na)Tb-158g	TALYS-6a	0	15
Ho-166(n,5na)Tb-158m	TALYS-6a	0	15
Ho-166(n,6na)Tb-157	TALYS-6a	0 [8]	11
Ho-166(n,7na)Tb-156g	TALYS-6a	0 [4]	7
Ho-166(n,7na)Tb-156m	TALYS-6a	0 [4,7,8]	7
Ho-166(n,7na)Tb-156n	TALYS-6a	0 [4,7,8]	6
Ho-166(n,4nd)Dy-161	TALYS-6a	0 [8]	14
Ho-166(n,5nd)Dy-160	TALYS-6a	0 [8]	11
Ho-166(n,6nd)Dy-159	TALYS-6a	0 [8]	7
Ho-166(n,3nt)Dy-161	TALYS-6a	0 [8]	18
Ho-166(n,4nt)Dy-160	TALYS-6a	0 [8]	14
Ho-166(n,5nt)Dy-159	TALYS-6a	0 [8]	10
Ho-166(n,6nt)Dy-158	TALYS-6a	0 [8]	6
Ho-166(n,2nh)Tb-162	TALYS-6a	0 [8]	21
Ho-166(n,3nh)Tb-161	TALYS-6a	0 [8]	16
Ho-166(n,4nh)Tb-160	TALYS-6a	0 [8]	12
Ho-166(n,3n2p)Tb-162	TALYS-6a	0 [8]	15
Ho-166(n,3n2a)Eu-156	TALYS-6a	0 [8]	16
Ho-166(n,3npa)Gd-159	TALYS-6a	0 [8]	17
Ho-166(n,n'pd)Tb-163	TALYS-6a	0 [8]	21
Ho-166(n,n'pt)Tb-162	TALYS-6a	0 [8]	20
Ho-166(n,2n2p)Tb-163	TALYS-6a	0 [8]	20
Ho-166(n,4n2p)Tb-161	TALYS-6a	0 [8]	12
Ho-166(n,4n2a)Eu-155	TALYS-6a	0 [8]	14
Ho-166(n,4npa)Gd-158	TALYS-6a	0 [8]	14
Ho-166(n,5n2p)Tb-160	TALYS-6a	0 [8]	8
Ho-166m(n,n')Ho-166g	TALYS-6a	0 [8,8,8]	96
Ho-166m(n,2nd)Dy-163	TALYS-6a	0 [8]	27
Ho-166m(n,2n)Ho-165	TALYS-6a	0	54
Ho-166m(n,3n)Ho-164g	TALYS-6a	0	33
Ho-166m(n,3n)Ho-164m	TALYS-6a	0	33
Ho-166m(n,n'a)Tb-162	TALYS-6a	0	100
Ho-166m(n,2na)Tb-161	TALYS-6a	0 [8]	40
Ho-166m(n,3na)Tb-160	TALYS-6a	0 [8]	28
Ho-166m(n,n'p)Dy-165g	TALYS-6a	0	46
Ho-166m(n,n'p)Dy-165m	TALYS-6a	0	45
Ho-166m(n,2n2a)Eu-157	TALYS-6a	0 [8]	26
Ho-166m(n,n'd)Dy-164	TALYS-6a	0 [8]	37
Ho-166m(n,n't)Dy-163	TALYS-6a	0 [8]	34
Ho-166m(n,n'h)Tb-163	TALYS-6a	0 [8]	27
Ho-166m(n,4n)Ho-163g	TALYS-6a	0	25
Ho-166m(n,4n)Ho-163m	TALYS-6a	0	25
Ho-166m(n,2np)Dy-164	TALYS-6a	0 [8]	34
Ho-166m(n,3np)Dy-163	TALYS-6a	0 [8]	25
Ho-166m(n,n'2p)Tb-164	TALYS-6a	0 [8]	25
Ho-166m(n,n'pa)Gd-161	TALYS-6a	0 [8]	30
Ho-166m(n,g)Ho-167	MASGAM	2 [13,12]	119
Ho-166m(n,p)Dy-166	TALYS-6a	0 [2]	100
Ho-166m(n,d)Dy-165g	TALYS-6a	0	53
Ho-166m(n,d)Dy-165m	TALYS-6a	0	52
Ho-166m(n,t)Dy-164	TALYS-6a	0 [8]	53
Ho-166m(n,h)Tb-164	TALYS-6a	0 [8]	31
Ho-166m(n,a)Tb-163	TALYS-6a	0 [2]	100
Ho-166m(n,2p)Tb-165	TALYS-6a	0 [8]	29
Ho-166m(n,pd)Tb-164	TALYS-6a	0 [8]	27
Ho-166m(n,5n)Ho-162g	TALYS-6a	0	17
Ho-166m(n,5n)Ho-162m	TALYS-6a	0	17

Reaction	Code			Value
Ho-166m(n,6n)Ho-161g	TALYS-6a	0		13
Ho-166m(n,6n)Ho-161m	TALYS-6a	0		13
Ho-166m(n,2nt)Dy-162	TALYS-6a	0	[8]	26
Ho-166m(n,4np)Dy-162	TALYS-6a	0	[8]	19
Ho-166m(n,3nd)Dy-162	TALYS-6a	0	[8]	20
Ho-166m(n,n'da)Gd-160	TALYS-6a	0	[8]	26
Ho-166m(n,2npa)Gd-160	TALYS-6a	0	[8]	25
Ho-166m(n,7n)Ho-160g	TALYS-6a	0	[4]	9
Ho-166m(n,7n)Ho-160m	TALYS-6a	0	[4,7,8]	8
Ho-166m(n,7n)Ho-160n	TALYS-6a	0	[4,7,8]	8
Ho-166m(n,8n)Ho-159g	TALYS-6a	0		5
Ho-166m(n,8n)Ho-159m	TALYS-6a	0		5
Ho-166m(n,5np)Dy-161	TALYS-6a	0		14
Ho-166m(n,6np)Dy-160	TALYS-6a	0		11
Ho-166m(n,7np)Dy-159	TALYS-6a	0	[8]	6
Ho-166m(n,4na)Tb-159	TALYS-6a	0	[8]	22
Ho-166m(n,5na)Tb-158g	TALYS-6a	0		15
Ho-166m(n,5na)Tb-158m	TALYS-6a	0		15
Ho-166m(n,6na)Tb-157	TALYS-6a	0	[8]	11
Ho-166m(n,7na)Tb-156g	TALYS-6a	0	[4]	7
Ho-166m(n,7na)Tb-156m	TALYS-6a	0	[4,7,8]	7
Ho-166m(n,7na)Tb-156n	TALYS-6a	0	[4,7,8]	6
Ho-166m(n,4nd)Dy-161	TALYS-6a	0	[8]	14
Ho-166m(n,5nd)Dy-160	TALYS-6a	0	[8]	11
Ho-166m(n,6nd)Dy-159	TALYS-6a	0	[8]	7
Ho-166m(n,3nt)Dy-161	TALYS-6a	0	[8]	18
Ho-166m(n,4nt)Dy-160	TALYS-6a	0	[8]	14
Ho-166m(n,5nt)Dy-159	TALYS-6a	0	[8]	10
Ho-166m(n,6nt)Dy-158	TALYS-6a	0	[8]	6
Ho-166m(n,2nh)Tb-162	TALYS-6a	0	[8]	21
Ho-166m(n,3nh)Tb-161	TALYS-6a	0	[8]	16
Ho-166m(n,4nh)Tb-160	TALYS-6a	0	[8]	12
Ho-166m(n,3n2p)Tb-162	TALYS-6a	0	[8]	15
Ho-166m(n,3n2a)Eu-156	TALYS-6a	0	[8]	16
Ho-166m(n,3npa)Gd-159	TALYS-6a	0	[8]	17
Ho-166m(n,n'pd)Tb-163	TALYS-6a	0	[8]	21
Ho-166m(n,n'pt)Tb-162	TALYS-6a	0	[8]	20
Ho-166m(n,2n2p)Tb-163	TALYS-6a	0	[8]	20
Ho-166m(n,4n2p)Tb-161	TALYS-6a	0	[8]	12
Ho-166m(n,4n2a)Eu-155	TALYS-6a	0	[8]	14
Ho-166m(n,4npa)Gd-158	TALYS-6a	0	[8]	14
Ho-166m(n,5n2p)Tb-160	TALYS-6a	0	[8]	8
Er-160(n,2nd)Ho-157	TALYS-6a	0	[8]	24
Er-160(n,2n)Er-159	TALYS-6a	0		42
Er-160(n,3n)Er-158	TALYS-6a	0		29
Er-160(n,n'a)Dy-156	TALYS-6a	0		100
Er-160(n,n'3a)Sm-148	TALYS-6a	0		100
Er-160(n,2na)Dy-155	TALYS-6a	0	[8]	38
Er-160(n,3na)Dy-154	TALYS-6a	0	[8]	28
Er-160(n,n'p)Ho-159g	TALYS-6a	0		50
Er-160(n,n'p)Ho-159m	TALYS-6a	0		49
Er-160(n,n'2a)Gd-152	TALYS-6a	0		100
Er-160(n,2n2a)Gd-151	TALYS-6a	0	[8]	30
Er-160(n,n'd)Ho-158g	TALYS-6a	0	[4]	32
Er-160(n,n'd)Ho-158m	TALYS-6a	0	[4,7,8]	31
Er-160(n,n'd)Ho-158n	TALYS-6a	0	[4,7,8]	31
Er-160(n,n't)Ho-157	TALYS-6a	0	[8]	30
Er-160(n,n'h)Dy-157	TALYS-6a	0	[8]	30
Er-160(n,n't2a)Eu-149	TALYS-6a	0	[8]	16
Er-160(n,4n)Er-157	TALYS-6a	0		19
Er-160(n,2np)Ho-158g	TALYS-6a	0	[4]	30
Er-160(n,2np)Ho-158m	TALYS-6a	0	[4,7,8]	29
Er-160(n,2np)Ho-158n	TALYS-6a	0	[4,7,8]	29
Er-160(n,3np)Ho-157	TALYS-6a	0	[8]	23
Er-160(n,n'2p)Dy-158	TALYS-6a	0	[8]	33
Er-160(n,n'pa)Tb-155	TALYS-5a	0	[8]	37
Er-160(n,g)Er-161	TALYS-5a	0	[14]	100
Er-160(n,p)Ho-160g	TALYS-6a	0	[4,2,10]	100
Er-160(n,p)Ho-160m	TALYS-6a	0	[4,7,2,10]	100
Er-160(n,p)Ho-160n	TALYS-6a	0	[7,4,7,2]	100
Er-160(n,d)Ho-159g	TALYS-6a	0		58
Er-160(n,d)Ho-159m	TALYS-6a	0		57
Er-160(n,t)Ho-158g	TALYS-6a	0	[4]	43
Er-160(n,t)Ho-158m	TALYS-6a	0	[4,7,8]	42
Er-160(n,t)Ho-158n	TALYS-6a	0	[4,7,8]	42
Er-160(n,h)Dy-158	TALYS-6a	0	[8]	47
Er-160(n,a)Dy-157	TALYS-6a	0	[2,10]	100
Er-160(n,2a)Gd-153	TALYS-6a	0	[10]	100
Er-160(n,2p)Dy-159	TALYS-6a	0	[8]	50
Er-160(n,pa)Tb-156g	TALYS-6a	0	[4]	100
Er-160(n,pa)Tb-156m	TALYS-6a	0	[4,7]	100
Er-160(n,pa)Tb-156n	TALYS-6a	0	[4,7]	100
Er-160(n,pd)Dy-158	TALYS-6a	0	[8]	35
Er-160(n,pt)Dy-157	TALYS-6a	0	[8]	30
Er-160(n,da)Tb-155	TALYS-6a	0	[8]	38
Er-160(n,5n)Er-156	TALYS-6a	0		14
Er-160(n,6n)Er-155	TALYS-6a	0		9
+Er-160(n,2nt)Ho-156g	TALYS-6a	0	[4]	20
+Er-160(n,2nt)Ho-156m	TALYS-6a	0	[4,7,8]	20
+Er-160(n,2nt)Ho-156n	TALYS-6a	0	[4,7,8]	19
Er-160(n,ta)Tb-154g	TALYS-6a	0	[4,8]	29
Er-160(n,ta)Tb-154m	TALYS-6a	0	[4,7,8,8]	28
Er-160(n,ta)Tb-154n	TALYS-6a	0	[4,7,8,8]	28
+Er-160(n,4np)Ho-156g	TALYS-6a	0	[4]	15
+Er-160(n,4np)Ho-156m	TALYS-6a	0	[4,7,8]	15
+Er-160(n,4np)Ho-156n	TALYS-6a	0	[4,7,8]	14
+Er-160(n,3nd)Ho-156g	TALYS-6a	0	[4]	16
+Er-160(n,3nd)Ho-156m	TALYS-6a	0	[4,7,8]	16
+Er-160(n,3nd)Ho-156n	TALYS-6a	0	[4,7,8]	15
Er-160(n,n'da)Tb-154g	TALYS-6a	0	[4,8]	26
Er-160(n,n'da)Tb-154m	TALYS-6a	0	[4,7,8,8]	25
Er-160(n,n'da)Tb-154n	TALYS-6a	0	[4,7,8,8]	25
Er-160(n,2npa)Tb-154g	TALYS-6a	0	[4,8]	25
Er-160(n,2npa)Tb-154m	TALYS-6a	0	[4,7,8,8]	24
Er-160(n,2npa)Tb-154n	TALYS-6a	0	[4,7,8,8]	24
Er-160(n,5np)Ho-155	TALYS-6a	0	[8]	11
Er-160(n,4na)Dy-153	TALYS-6a	0	[8]	18
Er-160(n,5na)Dy-152	TALYS-6a	0	[8]	14
Er-160(n,6na)Dy-151	TALYS-6a	0	[8]	9

Reaction	Code			Value
Er-160(n,4nd)Ho-155	TALYS-6a	0	[8]	12
Er-160(n,5nd)Ho-154g	TALYS-6a	0	[4,8]	7
Er-160(n,5nd)Ho-154m	TALYS-6a	0	[4,7,8,8]	6
Er-160(n,3nt)Ho-155	TALYS-6a	0	[8]	15
Er-160(n,4nt)Ho-154g	TALYS-6a	0	[4,8]	10
Er-160(n,4nt)Ho-154m	TALYS-6a	0	[4,7,8,8]	9
Er-160(n,2nh)Dy-156	TALYS-6a	0	[8]	23
Er-160(n,3nh)Dy-155	TALYS-6a	0	[8]	15
Er-160(n,4nh)Dy-154	TALYS-6a	0	[8]	12
Er-160(n,3n2p)Dy-156	TALYS-6a	0	[8]	16
Er-160(n,3n2a)Gd-150	TALYS-6a	0	[8]	23
Er-160(n,3npa)Tb-153	TALYS-6a	0	[8]	18
Er-160(n,n'pd)Dy-157	TALYS-6a	0	[8]	24
Er-160(n,n'pt)Dy-156	TALYS-6a	0	[8]	23
Er-160(n,n'dt)Dy-155	TALYS-6a	0	[8]	15
Er-160(n,n'ph)Tb-156g	TALYS-6a	0	[4]	18
Er-160(n,n'ph)Tb-156m	TALYS-6a	0	[4,7,8]	17
Er-160(n,n'ph)Tb-156n	TALYS-6a	0	[4,7,8]	17
Er-160(n,n'dh)Tb-155	TALYS-6a	0	[8]	14
Er-160(n,n'ta)Tb-153	TALYS-6a	0	[8]	24
Er-160(n,2n2p)Dy-157	TALYS-6a	0	[8]	23
Er-160(n,4n2p)Dy-155	TALYS-6a	0	[8]	11
Er-160(n,4n2a)Gd-149	TALYS-6a	0	[8]	16
Er-160(n,4npa)Tb-152g	TALYS-6a	0		13
Er-160(n,4npa)Tb-152m	TALYS-6a	0		12
Er-160(n,n'3p)Tb-157	TALYS-6a	0	[8]	20
Er-160(n,3n2pa)Gd-152	TALYS-6a	0	[8]	13
Er-160(n,5n2p)Dy-154	TALYS-6a	0	[8]	8
Er-161(n,2nd)Ho-158g	TALYS-6a	0		24
Er-161(n,2nd)Ho-158m	TALYS-6a	0		24
Er-161(n,2nd)Ho-158n	TALYS-6a	0		24
Er-161(n,2n)Er-160	TALYS-6a	0		49
Er-161(n,3n)Er-159	TALYS-6a	0		30
Er-161(n,n'a)Dy-157	TALYS-6a	0		100
Er-161(n,n'3a)Sm-149	TALYS-6a	0		100
Er-161(n,2na)Dy-156	TALYS-6a	0	[8]	42
Er-161(n,3na)Dy-155	TALYS-6a	0	[8]	27
Er-161(n,n'p)Ho-160g	TALYS-6a	0	[4]	50
Er-161(n,n'p)Ho-160m	TALYS-6a	0	[4,7,8]	49
Er-161(n,n'p)Ho-160n	TALYS-6a	0	[4,7,8]	49
Er-161(n,n'2a)Gd-153	TALYS-6a	0		100
Er-161(n,2n2a)Gd-152	TALYS-6a	0	[8]	31
Er-161(n,n'd)Ho-159g	TALYS-6a	0		36
Er-161(n,n'd)Ho-159m	TALYS-6a	0		35
Er-161(n,n't)Ho-158g	TALYS-6a	0		30
Er-161(n,n't)Ho-158m	TALYS-6a	0		30
Er-161(n,n't)Ho-158n	TALYS-6a	0		30
Er-161(n,n'h)Dy-158	TALYS-6a	0	[8]	31
Er-161(n,n'd2a)Eu-151	TALYS-6a	0	[8]	17
Er-161(n,4n)Er-158	TALYS-6a	0		22
Er-161(n,2np)Ho-159g	TALYS-6a	0		33
Er-161(n,2np)Ho-159m	TALYS-6a	0		32
Er-161(n,3np)Ho-158g	TALYS-6a	0		23
Er-161(n,3np)Ho-158m	TALYS-6a	0		23
Er-161(n,3np)Ho-158n	TALYS-6a	0		23
Er-161(n,n'2p)Dy-159	TALYS-6a	0	[8]	32
Er-161(n,n'pa)Tb-156g	TALYS-6a	0	[4]	36
Er-161(n,n'pa)Tb-156m	TALYS-6a	0	[4,7,8]	35
Er-161(n,n'pa)Tb-156n	TALYS-6a	0	[4,7,8]	35
Er-161(n,g)Er-162	MASGAM	0	[14,13]	83
Er-161(n,p)Ho-161g	TALYS-6a	0	[2]	100
Er-161(n,p)Ho-161m	TALYS-6a	0	[2]	100
Er-161(n,d)Ho-160g	TALYS-6a	0	[4]	57
Er-161(n,d)Ho-160m	TALYS-6a	0	[4,7,8]	56
Er-161(n,d)Ho-160n	TALYS-6a	0	[4,7,8]	56
Er-161(n,t)Ho-159g	TALYS-6a	0		51
Er-161(n,t)Ho-159m	TALYS-6a	0		50
Er-161(n,h)Dy-159	TALYS-6a	0	[8]	45
Er-161(n,a)Dy-158	TALYS-6a	0	[2]	100
Er-161(n,2a)Gd-154	TALYS-6a	0	[10]	100
Er-161(n,2p)Dy-160	TALYS-6a	0	[8]	57
Er-161(n,pa)Tb-157	TALYS-6a	0		100
Er-161(n,pd)Dy-159	TALYS-6a	0	[8]	35
Er-161(n,pt)Dy-158	TALYS-6a	0	[8]	32
Er-161(n,da)Tb-156g	TALYS-6a	0	[4]	37
Er-161(n,da)Tb-156m	TALYS-6a	0	[4,7,8]	36
Er-161(n,da)Tb-156n	TALYS-6a	0	[4,7,8]	36
Er-161(n,5n)Er-157	TALYS-6a	0		14
Er-161(n,6n)Er-156	TALYS-6a	0		11
Er-161(n,2nt)Ho-157	TALYS-6a	0	[8]	23
Er-161(n,ta)Tb-155	TALYS-6a	0	[8]	35
Er-161(n,4np)Ho-157	TALYS-6a	0		16
Er-161(n,3nd)Ho-157	TALYS-6a	0	[8]	17
Er-161(n,n'da)Tb-155	TALYS-6a	0	[8]	28
Er-161(n,2npa)Tb-155	TALYS-6a	0	[8]	27
+Er-161(n,5np)Ho-156g	TALYS-6a	0	[4]	11
+Er-161(n,5np)Ho-156m	TALYS-6a	0	[4,7,8]	11
+Er-161(n,5np)Ho-156n	TALYS-6a	0	[4,7,8]	10
Er-161(n,6np)Ho-155	TALYS-6a	0		8
Er-161(n,4na)Dy-154	TALYS-6a	0	[8]	20
Er-161(n,5na)Dy-153	TALYS-6a	0	[8]	14
Er-161(n,6na)Dy-152	TALYS-6a	0	[8]	10
+Er-161(n,4nd)Ho-156g	TALYS-6a	0	[4]	12
+Er-161(n,4nd)Ho-156m	TALYS-6a	0	[4,7,8]	12
+Er-161(n,4nd)Ho-156n	TALYS-6a	0	[4,7,8]	11
Er-161(n,5nd)Ho-155	TALYS-6a	0	[8]	8
+Er-161(n,3nt)Ho-156g	TALYS-6a	0	[4]	15
+Er-161(n,3nt)Ho-156m	TALYS-6a	0	[4,7,8]	15
+Er-161(n,3nt)Ho-156n	TALYS-6a	0	[4,7,8]	14
Er-161(n,4nt)Ho-155	TALYS-6a	0	[8]	11
Er-161(n,2nh)Dy-157	TALYS-6a	0	[8]	23
Er-161(n,3nh)Dy-156	TALYS-6a	0	[8]	16
Er-161(n,4nh)Dy-155	TALYS-6a	0	[8]	12
Er-161(n,3n2p)Dy-157	TALYS-6a	0	[8]	16
Er-161(n,3n2a)Gd-151	TALYS-6a	0	[8]	22
Er-161(n,3npa)Tb-154g	TALYS-6a	0	[4,8]	17
Er-161(n,3npa)Tb-154m	TALYS-6a	0	[4,7,8,8]	16
Er-161(n,3npa)Tb-154n	TALYS-6a	0	[4,7,8,8]	16
Er-161(n,n'pd)Dy-158	TALYS-6a	0	[8]	26

Er-161(n,n'pt)Dy-157	TALYS-6a	0 [8]	23	Er-162(n,4npa)Tb-154g	TALYS-6a	0 [4,8]	12
Er-161(n,n'dt)Dy-156	TALYS-6a	0 [8]	16	Er-162(n,4npa)Tb-154m	TALYS-6a	0 [4,7,8,8]	11
Er-161(n,n'ph)Tb-157	TALYS-6a	0 [8]	19	Er-162(n,4npa)Tb-154n	TALYS-6a	0 [4,7,8,8]	11
Er-161(n,n'ta)Tb-154g	TALYS-6a	0 [4,8]	22	Er-162(n,5n2p)Dy-156	TALYS-6a	0 [8]	8
Er-161(n,n'ta)Tb-154m	TALYS-6a	0 [4,7,8,8]	21	Er-164(n,2nd)Ho-161g	TALYS-6a	0	25
Er-161(n,n'ta)Tb-154n	TALYS-6a	0 [4,7,8,8]	21	Er-164(n,2nd)Ho-161m	TALYS-6a	0	24
Er-161(n,2n2p)Dy-158	TALYS-6a	0 [8]	25	Er-164(n,2n)Er-163	JENDL-3.2/A	5 [13]	38
Er-161(n,4n2p)Dy-156	TALYS-6a	0 [8]	13	Er-164(n,3n)Er-162	TALYS-6a	0	31
Er-161(n,4n2a)Gd-150	TALYS-6a	0 [8]	16	Er-164(n,n'a)Dy-160	TALYS-6a	0	100
Er-161(n,4npa)Tb-153	TALYS-6a	0 [8]	13	Er-164(n,2na)Dy-159	TALYS-6a	0 [8]	38
Er-161(n,n'3p)Tb-158g	TALYS-6a	0	19	Er-164(n,3na)Dy-158	TALYS-6a	0 [8]	28
Er-161(n,n'3p)Tb-158m	TALYS-6a	0	18	Er-164(n,n'p)Ho-163g	TALYS-6a	0	46
Er-161(n,3n2pa)Gd-153	TALYS-6a	0 [8]	12	Er-164(n,n'p)Ho-163m	TALYS-6a	0	45
Er-161(n,5n2p)Dy-155	TALYS-6a	0 [8]	8	Er-164(n,n'2a)Gd-156	TALYS-6a	0	100
Er-162(n,2nd)Ho-159g	TALYS-6a	0	24	Er-164(n,2n2a)Gd-155	TALYS-6a	0 [8]	26
Er-162(n,2nd)Ho-159m	TALYS-6a	0	24	Er-164(n,n'd)Ho-162g	TALYS-6a	0	32
Er-162(n,2n)Er-161	ADL-3	6 [13]	45	Er-164(n,n'd)Ho-162m	TALYS-6a	0	31
Er-162(n,3n)Er-160	TALYS-6a	0	30	Er-164(n,n't)Ho-161g	TALYS-6a	0	30
Er-162(n,n'a)Dy-158	TALYS-6a	0	100	Er-164(n,n't)Ho-161m	TALYS-6a	0	30
Er-162(n,n'3a)Sm-150	TALYS-6a	0	100	Er-164(n,n'h)Dy-161	TALYS-6a	0 [8]	28
Er-162(n,2na)Dy-157	TALYS-6a	0 [8]	38	Er-164(n,4n)Er-161	TALYS-6a	0	21
Er-162(n,3na)Dy-156	TALYS-6a	0 [8]	27	Er-164(n,2np)Ho-162g	TALYS-6a	0	30
Er-162(n,n'p)Ho-161g	TALYS-6a	0	48	Er-164(n,2np)Ho-162m	TALYS-6a	0	30
Er-162(n,n'p)Ho-161m	TALYS-6a	0	47	Er-164(n,3np)Ho-161g	TALYS-6a	0	23
Er-162(n,n'2a)Gd-154	TALYS-6a	0	100	Er-164(n,3np)Ho-161m	TALYS-6a	0	23
Er-162(n,2n2a)Gd-153	TALYS-6a	0 [8]	27	Er-164(n,n'2p)Dy-162	TALYS-6a	0 [8]	30
Er-162(n,n'd)Ho-160g	TALYS-6a	0 [4]	32	Er-164(n,n'pa)Tb-159	TALYS-6a	0 [8]	33
Er-162(n,n'd)Ho-160m	TALYS-6a	0 [4,7,8]	30	Er-164(n,g)Er-165	SIGECN-MASGAM	3 [14,13]	1887
Er-162(n,n'd)Ho-160n	TALYS-6a	0 [4,7,8]	31	Er-164(n,p)Ho-164g	TALYS-6a	0 [2]	80
Er-162(n,n't)Ho-159g	TALYS-6a	0	30	Er-164(n,p)Ho-164m	TALYS-6a	0 [2]	79
Er-162(n,n't)Ho-159m	TALYS-6a	0	30	Er-164(n,d)Ho-163g	TALYS-6a	0	54
Er-162(n,n'h)Dy-159	TALYS-6a	0 [8]	29	Er-164(n,d)Ho-163m	TALYS-6a	0	52
Er-162(n,n't2a)Eu-151	TALYS-6a	0 [8]	14	Er-164(n,t)Ho-162g	TALYS-6a	0	43
Er-162(n,4n)Er-159	TALYS-6a	0	20	Er-164(n,t)Ho-162m	TALYS-6a	0	43
Er-162(n,2np)Ho-160g	TALYS-6a	0 [4]	30	Er-164(n,h)Dy-162	TALYS-6a	0 [8]	41
Er-162(n,2np)Ho-160m	TALYS-6a	0 [4,7,8]	29	Er-164(n,a)Dy-161	TALYS-5	2 [9,2,3,15]	1922
Er-162(n,2np)Ho-160n	TALYS-6a	0 [4,7,8]	29	Er-164(n,2p)Dy-163	TALYS-6a	0 [8]	41
Er-162(n,3np)Ho-159g	TALYS-6a	0	23	Er-164(n,pa)Tb-160	TALYS-6a	0	100
Er-162(n,3np)Ho-159m	TALYS-6a	0	23	Er-164(n,pd)Dy-162	TALYS-6a	0 [8]	31
Er-162(n,n'2p)Dy-160	TALYS-6a	0 [8]	31	Er-164(n,da)Tb-159	TALYS-6a	0 [8]	34
Er-162(n,n'pa)Tb-157	TALYS-6a	0 [8]	35	Er-164(n,5n)Er-160	TALYS-6a	0	15
Er-162(n,g)Er-163	SIGECN-MASGAM	2 [14,13]	1515	Er-164(n,6n)Er-159	TALYS-6a	0 [8]	10
Er-162(n,p)Ho-162g	TALYS-6a	0 [2]	100	Er-164(n,2nt)Ho-160g	TALYS-6a	0 [4]	21
Er-162(n,p)Ho-162m	TALYS-6a	0 [2]	100	Er-164(n,2nt)Ho-160m	TALYS-6a	0 [4,7,8]	20
Er-162(n,d)Ho-161g	TALYS-6a	0	56	Er-164(n,2nt)Ho-160n	TALYS-6a	0 [4,7,8]	20
Er-162(n,d)Ho-161m	TALYS-6a	0	55	Er-164(n,ta)Tb-158g	TALYS-6a	0	30
Er-162(n,t)Ho-160g	TALYS-6a	0 [4]	43	Er-164(n,ta)Tb-158m	TALYS-6a	0	30
Er-162(n,t)Ho-160m	TALYS-6a	0 [4,7,8]	42	Er-164(n,4np)Ho-160g	TALYS-6a	0 [4]	15
Er-162(n,t)Ho-160n	TALYS-6a	0 [4,7,8]	42	Er-164(n,4np)Ho-160m	TALYS-6a	0 [4,7,8]	14
Er-162(n,h)Dy-160	TALYS-6a	0 [8]	43	Er-164(n,4np)Ho-160n	TALYS-6a	0 [4,7,8]	14
Er-162(n,a)Dy-159	TALYS-6	2 [9,3]	1450	Er-164(n,3nd)Ho-160g	TALYS-6a	0 [4]	16
Er-162(n,2a)Gd-155	TALYS-6a	0	100	Er-164(n,3nd)Ho-160m	TALYS-6a	0 [4,7,8]	15
Er-162(n,2p)Dy-161	TALYS-6a	0 [8]	44	Er-164(n,3nd)Ho-160n	TALYS-6a	0 [4,7,8]	15
Er-162(n,pa)Tb-158g	TALYS-6a	0	100	Er-164(n,n'da)Tb-158g	TALYS-6a	0	25
Er-162(n,pa)Tb-158m	TALYS-6a	0	100	Er-164(n,n'da)Tb-158m	TALYS-6a	0	24
Er-162(n,pd)Dy-160	TALYS-6a	0 [8]	33	Er-164(n,2npa)Tb-158g	TALYS-6a	0	24
Er-162(n,pt)Dy-159	TALYS-6a	0 [8]	29	Er-164(n,2npa)Tb-158m	TALYS-6a	0	23
Er-162(n,da)Tb-157	TALYS-6a	0 [8]	36	Er-164(n,7n)Er-158	TALYS-6a	0	7
Er-162(n,5n)Er-158	TALYS-6a	0	15	Er-164(n,5np)Ho-159g	TALYS-6a	0	12
Er-162(n,6n)Er-157	TALYS-6a	0	10	Er-164(n,5np)Ho-159m	TALYS-6a	0	12
Er-162(n,2nt)Ho-158g	TALYS-6a	0	21	Er-164(n,6np)Ho-158g	TALYS-6a	0	7
Er-162(n,2nt)Ho-158m	TALYS-6a	0	21	Er-164(n,6np)Ho-158m	TALYS-6a	0	7
Er-162(n,2nt)Ho-158n	TALYS-6a	0	21	Er-164(n,6np)Ho-158n	TALYS-6a	0	7
Er-162(n,ta)Tb-156g	TALYS-6a	0 [4]	31	Er-164(n,4na)Dy-157	TALYS-6a	0 [8]	19
Er-162(n,ta)Tb-156m	TALYS-6a	0 [4,7,8]	30	Er-164(n,5na)Dy-156	TALYS-6a	0 [8]	14
Er-162(n,ta)Tb-156n	TALYS-6a	0 [4,7,8]	30	Er-164(n,6na)Dy-155	TALYS-6a	0 [8]	9
Er-162(n,4np)Ho-158g	TALYS-6a	0	15	Er-164(n,7na)Dy-154	TALYS-6a	0 [8]	6
Er-162(n,4np)Ho-158m	TALYS-6a	0	15	Er-164(n,4nd)Ho-159g	TALYS-6a	0	13
Er-162(n,4np)Ho-158n	TALYS-6a	0	15	Er-164(n,4nd)Ho-159m	TALYS-6a	0	13
Er-162(n,3nd)Ho-158g	TALYS-6a	0	16	Er-164(n,5nd)Ho-158g	TALYS-6a	0	8
Er-162(n,3nd)Ho-158m	TALYS-6a	0	16	Er-164(n,5nd)Ho-158m	TALYS-6a	0	8
Er-162(n,3nd)Ho-158n	TALYS-6a	0	16	Er-164(n,5nd)Ho-158n	TALYS-6a	0	8
Er-162(n,n'da)Tb-156g	TALYS-6a	0 [4]	25	Er-164(n,3nt)Ho-159g	TALYS-6a	0	15
Er-162(n,n'da)Tb-156m	TALYS-6a	0 [4,7,8]	24	Er-164(n,3nt)Ho-159m	TALYS-6a	0	15
Er-162(n,n'da)Tb-156n	TALYS-6a	0 [4,7,8]	24	Er-164(n,4nt)Ho-158g	TALYS-6a	0	11
Er-162(n,2npa)Tb-156g	TALYS-6a	0 [4]	24	Er-164(n,4nt)Ho-158m	TALYS-6a	0	11
Er-162(n,2npa)Tb-156m	TALYS-6a	0 [4,7,8]	24	Er-164(n,4nt)Ho-158n	TALYS-6a	0	11
Er-162(n,2npa)Tb-156n	TALYS-6a	0 [4,7,8]	23	Er-164(n,5nt)Ho-157	TALYS-6a	0 [8]	7
Er-162(n,5np)Ho-157	TALYS-6a	0 [8]	11	Er-164(n,2nh)Dy-160	TALYS-6a	0 [8]	22
+Er-162(n,6np)Ho-156g	TALYS-6a	0 [4]	7	Er-164(n,3nh)Dy-159	TALYS-6a	0 [8]	15
+Er-162(n,6np)Ho-156m	TALYS-6a	0 [4,7,8]	7	Er-164(n,4nh)Dy-158	TALYS-6a	0 [8]	12
+Er-162(n,6np)Ho-156n	TALYS-6a	0 [4,7,8]	6	Er-164(n,3n2p)Dy-160	TALYS-6a	0 [8]	16
Er-162(n,4na)Dy-155	TALYS-6a	0 [8]	18	Er-164(n,3n2a)Gd-154	TALYS-6a	0 [8]	20
Er-162(n,5na)Dy-154	TALYS-6a	0 [8]	14	Er-164(n,3npa)Tb-157	TALYS-6a	0 [8]	17
Er-162(n,6na)Dy-153	TALYS-6a	0 [8]	9	Er-164(n,n'pd)Dy-161	TALYS-6a	0 [8]	23
Er-162(n,4nd)Ho-157	TALYS-6a	0 [8]	12	Er-164(n,n'pt)Dy-160	TALYS-6a	0 [8]	22
+Er-162(n,5nd)Ho-156g	TALYS-6a	0 [4]	7	Er-164(n,n'dt)Dy-159	TALYS-6a	0 [8]	15
+Er-162(n,5nd)Ho-156m	TALYS-6a	0 [4,7,8]	7	Er-164(n,n'ta)Tb-157	TALYS-6a	0 [8]	23
+Er-162(n,5nd)Ho-156n	TALYS-6a	0 [4,7,8]	6	Er-164(n,2n2p)Dy-161	TALYS-6a	0 [8]	21
Er-162(n,3nt)Ho-157	TALYS-6a	0 [8]	15	Er-164(n,4n2p)Dy-159	TALYS-6a	0 [8]	11
+Er-162(n,4nt)Ho-156g	TALYS-6a	0 [4]	10	Er-164(n,4n2a)Gd-153	TALYS-6a	0 [8]	13
+Er-162(n,4nt)Ho-156m	TALYS-6a	0 [4,7,8]	10	Er-164(n,4npa)Tb-156g	TALYS-6a	0 [4]	12
+Er-162(n,4nt)Ho-156n	TALYS-6a	0 [4,7,8]	9	Er-164(n,4npa)Tb-156m	TALYS-6a	0 [4,7,8]	12
Er-162(n,5nt)Ho-155	TALYS-6a	0 [8]	6	Er-164(n,4npa)Tb-156n	TALYS-6a	0 [4,7,8]	11
Er-162(n,2nh)Dy-158	TALYS-6a	0 [8]	22	Er-164(n,5n2p)Dy-158	TALYS-6a	0 [8]	8
Er-162(n,3nh)Dy-157	TALYS-6a	0 [8]	15	Er-165(n,2nd)Ho-162g	TALYS-6a	0	25
Er-162(n,4nh)Dy-156	TALYS-6a	0 [8]	12	Er-165(n,2nd)Ho-162m	TALYS-6a	0	25
Er-162(n,3n2p)Dy-158	TALYS-6a	0 [8]	16	Er-165(n,2n)Er-164	TALYS-6a	0	52
Er-162(n,3n2a)Gd-152	TALYS-6a	0 [8]	21	Er-165(n,3n)Er-163	TALYS-6a	0	31
Er-162(n,3npa)Tb-155	TALYS-6a	0 [8]	17	Er-165(n,n'a)Dy-161	TALYS-6a	0	100
Er-162(n,n'pd)Dy-159	TALYS-6a	0 [8]	24	Er-165(n,2na)Dy-160	TALYS-6a	0 [8]	42
Er-162(n,n'pt)Dy-158	TALYS-6a	0 [8]	22	Er-165(n,3na)Dy-159	TALYS-6a	0 [8]	28
Er-162(n,n'dt)Dy-157	TALYS-6a	0 [8]	15	Er-165(n,n'p)Ho-164g	TALYS-6a	0	46
Er-162(n,n'ph)Tb-158g	TALYS-6a	0	17	Er-165(n,n'p)Ho-164m	TALYS-6a	0	45
Er-162(n,n'ph)Tb-158m	TALYS-6a	0	16	Er-165(n,n'2a)Gd-157	TALYS-6a	0	100
Er-162(n,n'ta)Tb-155	TALYS-6a	0 [8]	24	Er-165(n,2n2a)Gd-156	TALYS-6a	0 [8]	28
Er-162(n,2n2p)Dy-159	TALYS-6a	0 [8]	22	Er-165(n,n'd)Ho-163g	TALYS-6a	0	35
Er-162(n,4n2p)Dy-157	TALYS-6a	0 [8]	11	Er-165(n,n'd)Ho-163m	TALYS-6a	0	34
Er-162(n,4n2a)Gd-151	TALYS-6a	0 [8]	14	Er-165(n,n't)Ho-162g	TALYS-6a	0	31

Reaction	Library		Ref	
Er-165(n,n't)Ho-162m	TALYS-6a	0		31
Er-165(n,n'h)Dy-162	TALYS-6a	0	[8]	30
Er-165(n,4n)Er-162	TALYS-6a	0		24
Er-165(n,2np)Ho-163g	TALYS-6a	0		32
Er-165(n,2np)Ho-163m	TALYS-6a	0		32
Er-165(n,3np)Ho-162g	TALYS-6a	0		24
Er-165(n,3np)Ho-162m	TALYS-6a	0		23
Er-165(n,n'2p)Dy-163	TALYS-6a	0	[8]	29
Er-165(n,n'pa)Tb-160	TALYS-6a	0	[8]	32
Er-165(n,g)Er-166	MASGAM	0	[14,13]	83
Er-165(n,p)Ho-165	TALYS-6a	0	[2]	100
Er-165(n,d)Ho-164g	TALYS-6a	0		53
Er-165(n,d)Ho-164m	TALYS-6a	0		53
Er-165(n,t)Ho-163g	TALYS-6a	0		49
Er-165(n,t)Ho-163m	TALYS-6a	0		48
Er-165(n,h)Dy-163	TALYS-6a	0	[8]	40
Er-165(n,a)Dy-162	TALYS-6a	0	[2]	100
Er-165(n,2p)Dy-164	TALYS-6a	0	[8]	43
Er-165(n,pa)Tb-161	TALYS-6a	0		100
Er-165(n,pd)Dy-163	TALYS-6a	0	[8]	30
Er-165(n,5n)Er-161	TALYS-6a	0		16
Er-165(n,6n)Er-160	TALYS-6a	0		12
Er-165(n,2nt)Ho-161g	TALYS-6a	0		24
Er-165(n,2nt)Ho-161m	TALYS-6a	0		24
Er-165(n,4np)Ho-161g	TALYS-6a	0		17
Er-165(n,4np)Ho-161m	TALYS-6a	0		16
Er-165(n,3nd)Ho-161g	TALYS-6a	0		18
Er-165(n,3nd)Ho-161m	TALYS-6a	0		18
Er-165(n,n'da)Tb-159	TALYS-6a	0	[8]	26
Er-165(n,2npa)Tb-159	TALYS-6a	0	[8]	25
Er-165(n,7n)Er-159	TALYS-6a	0		7
Er-165(n,5np)Ho-160g	TALYS-6a	0	[4]	12
Er-165(n,5np)Ho-160m	TALYS-6a	0	[4,7,8]	11
Er-165(n,5np)Ho-160n	TALYS-6a	0	[4,7,8]	11
Er-165(n,6np)Ho-159g	TALYS-6a	0		9
Er-165(n,6np)Ho-159m	TALYS-6a	0		9
Er-165(n,4na)Dy-158	TALYS-6a	0	[8]	21
Er-165(n,5na)Dy-157	TALYS-6a	0	[8]	14
Er-165(n,6na)Dy-156	TALYS-6a	0	[8]	11
Er-165(n,4nd)Ho-160g	TALYS-6a	0	[4]	13
Er-165(n,4nd)Ho-160m	TALYS-6a	0	[4,7,8]	12
Er-165(n,4nd)Ho-160n	TALYS-6a	0	[4,7,8]	12
Er-165(n,5nd)Ho-159g	TALYS-6a	0		9
Er-165(n,5nd)Ho-159m	TALYS-6a	0		9
Er-165(n,3nt)Ho-160g	TALYS-6a	0	[4]	16
Er-165(n,3nt)Ho-160m	TALYS-6a	0	[4,7,8]	15
Er-165(n,3nt)Ho-160n	TALYS-6a	0	[4,7,8]	15
Er-165(n,4nt)Ho-159g	TALYS-6a	0		12
Er-165(n,4nt)Ho-159m	TALYS-6a	0		12
Er-165(n,5nt)Ho-158g	TALYS-6a	0		7
Er-165(n,5nt)Ho-158m	TALYS-6a	0		7
Er-165(n,5nt)Ho-158n	TALYS-6a	0		7
Er-165(n,2nh)Dy-161	TALYS-6a	0	[8]	22
Er-165(n,3nh)Dy-160	TALYS-6a	0	[8]	16
Er-165(n,4nh)Dy-159	TALYS-6a	0	[8]	12
Er-165(n,3n2p)Dy-161	TALYS-6a	0	[8]	16
Er-165(n,3n2a)Gd-155	TALYS-6a	0	[8]	19
Er-165(n,3npa)Tb-158g	TALYS-6a	0		17
Er-165(n,3npa)Tb-158m	TALYS-6a	0		16
Er-165(n,n'pd)Dy-162	TALYS-6a	0	[8]	24
Er-165(n,n'pt)Dy-161	TALYS-6a	0	[8]	22
Er-165(n,n'dt)Dy-160	TALYS-6a	0	[8]	16
Er-165(n,n'ta)Tb-158g	TALYS-6a	0		24
Er-165(n,n'ta)Tb-158m	TALYS-6a	0		23
Er-165(n,2n2p)Dy-162	TALYS-6a	0	[8]	23
Er-165(n,4n2p)Dy-160	TALYS-6a	0	[8]	12
Er-165(n,4n2a)Gd-154	TALYS-6a	0	[8]	14
Er-165(n,4npa)Tb-157	TALYS-6a	0	[8]	13
Er-165(n,5n2p)Dy-159	TALYS-6a	0	[8]	8
Er-166(n,2nd)Ho-163g	TALYS-6a	0		25
Er-166(n,2nd)Ho-163m	TALYS-6a	0		24
Er-166(n,2n)Er-165	ADL-3	5	[13]	45
Er-166(n,3n)Er-164	TALYS-6a	0		31
Er-166(n,n'a)Dy-162	TALYS-6a	0		100
Er-166(n,2na)Dy-161	TALYS-6a	0	[8]	38
Er-166(n,3na)Dy-160	TALYS-6a	0	[8]	28
Er-166(n,n'p)Ho-165	TALYS-6a	0	[8]	45
Er-166(n,n'2a)Gd-158	TALYS-6a	0		100
Er-166(n,2n2a)Gd-157	TALYS-6a	0	[8]	26
Er-166(n,n'd)Ho-164g	TALYS-6a	0		31
Er-166(n,n'd)Ho-164m	TALYS-6a	0		31
Er-166(n,n't)Ho-163g	TALYS-6a	0		31
Er-166(n,n't)Ho-163m	TALYS-6a	0		30
Er-166(n,n'h)Dy-163	TALYS-6a	0	[8]	27
Er-166(n,4n)Er-163	TALYS-6a	0		22
Er-166(n,2np)Ho-164g	TALYS-6a	0		30
Er-166(n,2np)Ho-164m	TALYS-6a	0		30
Er-166(n,3np)Ho-163g	TALYS-6a	0		24
Er-166(n,3np)Ho-163m	TALYS-6a	0		23
Er-166(n,n'2p)Dy-164	TALYS-6a	0	[8]	28
Er-166(n,n'pa)Tb-161	TALYS-6a	0	[8]	31
Er-166(n,g)Er-167g 17602	JENDL-3.3	2	[13,4,6,3]	
Er-166(n,g)Er-167m 17602	JENDL-3.3	2	[13,4,6,3]	
Er-166(n,p)Ho-166g	ADL-3	6	[13]	44
Er-166(n,p)Ho-166m	TALYS-6a	0	[2]	75
Er-166(n,d)Ho-165	TALYS-6a	0	[8]	51
Er-166(n,t)Ho-164g	TALYS-6a	0		43
Er-166(n,t)Ho-164m	TALYS-6a	0		43
Er-166(n,h)Dy-164	TALYS-6a	0	[8]	39
Er-166(n,a)Dy-163	ADL-3	2	[9,13,3,3,10]	9942
Er-166(n,2p)Dy-165g	TALYS-6a	0		36
Er-166(n,2p)Dy-165m	TALYS-6a	0		35
Er-166(n,pd)Dy-164	TALYS-6a	0	[8]	29
Er-166(n,5n)Er-162	TALYS-6a	0		16
Er-166(n,6n)Er-161	TALYS-6a	0		11
Er-166(n,2nt)Ho-162g	TALYS-6a	0		22
Er-166(n,2nt)Ho-162m	TALYS-6a	0		22
Er-166(n,4np)Ho-162g	TALYS-6a	0		16
Er-166(n,4np)Ho-162m	TALYS-6a	0		16
Er-166(n,3nd)Ho-162g	TALYS-6a	0		16
Er-166(n,3nd)Ho-162m	TALYS-6a	0		16
Er-166(n,n'da)Tb-160	TALYS-6a	0	[8]	24
Er-166(n,2npa)Tb-160	TALYS-6a	0	[8]	23
Er-166(n,7n)Er-160	TALYS-6a	0		8
Er-166(n,5np)Ho-161g	TALYS-6a	0		12
Er-166(n,5np)Ho-161m	TALYS-6a	0		12
Er-166(n,6np)Ho-160g	TALYS-6a	0	[4]	8
Er-166(n,6np)Ho-160m	TALYS-6a	0	[4,7,8]	7
Er-166(n,6np)Ho-160n	TALYS-6a	0	[4,7,8]	7
Er-166(n,4na)Dy-159	TALYS-6a	0	[8]	19
Er-166(n,5na)Dy-158	TALYS-6a	0	[8]	14
Er-166(n,6na)Dy-157	TALYS-6a	0	[8]	10
Er-166(n,4nd)Ho-161g	TALYS-6a	0		13
Er-166(n,4nd)Ho-161m	TALYS-6a	0		13
Er-166(n,5nd)Ho-160g	TALYS-6a	0	[4]	9
Er-166(n,5nd)Ho-160m	TALYS-6a	0	[4,7,8]	8
Er-166(n,5nd)Ho-160n	TALYS-6a	0	[4,7,8]	8
Er-166(n,6nd)Ho-159g	TALYS-6a	0		5
Er-166(n,6nd)Ho-159m	TALYS-6a	0		5
Er-166(n,3nt)Ho-161g	TALYS-6a	0		16
Er-166(n,3nt)Ho-161m	TALYS-6a	0		16
Er-166(n,4nt)Ho-160g	TALYS-6a	0	[4]	11
Er-166(n,4nt)Ho-160m	TALYS-6a	0	[4,7,8]	10
Er-166(n,4nt)Ho-160n	TALYS-6a	0	[4,7,8]	10
Er-166(n,5nt)Ho-159g	TALYS-6a	0		8
Er-166(n,5nt)Ho-159m	TALYS-6a	0		7
Er-166(n,2nh)Dy-162	TALYS-6a	0	[8]	21
Er-166(n,3nh)Dy-161	TALYS-6a	0	[8]	15
Er-166(n,4nh)Dy-160	TALYS-6a	0	[8]	12
Er-166(n,3n2p)Dy-162	TALYS-6a	0	[8]	15
Er-166(n,3n2a)Gd-156	TALYS-6a	0	[8]	19
Er-166(n,3npa)Tb-159	TALYS-6a	0	[8]	16
Er-166(n,n'pd)Dy-163	TALYS-6a	0	[8]	21
Er-166(n,n'pt)Dy-162	TALYS-6a	0	[8]	21
Er-166(n,n'ta)Tb-159	TALYS-6a	0	[8]	23
Er-166(n,2n2p)Dy-163	TALYS-6a	0	[8]	20
Er-166(n,4n2p)Dy-161	TALYS-6a	0	[8]	11
Er-166(n,4n2a)Gd-155	TALYS-6a	0	[8]	13
Er-166(n,4npa)Tb-158g	TALYS-6a	0		12
Er-166(n,4npa)Tb-158m	TALYS-6a	0		12
Er-166(n,5n2p)Dy-160	TALYS-6a	0	[8]	8
Er-167(n,n')Er-167m	TALYS-6	3		88
Er-167(n,2nd)Ho-164g	TALYS-6a	0		25
Er-167(n,2nd)Ho-164m	TALYS-6a	0		25
Er-167(n,2n)Er-166	TALYS-6a	0		53
Er-167(n,3n)Er-165	TALYS-6a	0		31
Er-167(n,n'a)Dy-163	TALYS-6a	0		100
Er-167(n,2na)Dy-162	TALYS-6a	0	[8]	41
Er-167(n,3na)Dy-161	TALYS-6a	0	[8]	28
Er-167(n,n'p)Ho-166g	TALYS-6a	0		44
Er-167(n,n'p)Ho-166m	TALYS-6a	0		44
Er-167(n,2n2a)Gd-158	TALYS-6a	0	[8]	27
Er-167(n,n'd)Ho-165	TALYS-6a	0	[8]	35
Er-167(n,n't)Ho-164g	TALYS-6a	0		31
Er-167(n,n't)Ho-164m	TALYS-6a	0		31
Er-167(n,n'h)Dy-164	TALYS-6a	0	[8]	29
Er-167(n,4n)Er-164	TALYS-6a	0		25
Er-167(n,2np)Ho-165	TALYS-6a	0	[8]	32
Er-167(n,3np)Ho-164g	TALYS-6a	0		24
Er-167(n,3np)Ho-164m	TALYS-6a	0		23
Er-167(n,n'2p)Dy-165g	TALYS-6a	0		27
Er-167(n,n'2p)Dy-165m	TALYS-6a	0		27
Er-167(n,n'pa)Tb-162	TALYS-6a	0	[8]	30
►Er-167(n,g)Er-168	JEF-2.2	4	[13,3]	5042
Er-167(n,p)Ho-167	ADL-3	6	[13,3]	45
Er-167(n,d)Ho-166g	TALYS-6a	0		49
Er-167(n,d)Ho-166m	TALYS-6a	0		49
Er-167(n,t)Ho-165	TALYS-6a	0	[8]	48
Er-167(n,h)Dy-165g	TALYS-6a	0		37
Er-167(n,h)Dy-165m	TALYS-6a	0		37
Er-167(n,a)Dy-164	ADL-3	2	[9,13,3,3,10]	5106
Er-167(n,2p)Dy-166	TALYS-6a	0	[8]	37
Er-167(n,pd)Dy-165g	TALYS-6a	0		28
Er-167(n,pd)Dy-165m	TALYS-6a	0		28
Er-167(n,5n)Er-163	TALYS-6a	0		16
Er-167(n,6n)Er-162	TALYS-6a	0		13
Er-167(n,2nt)Ho-163g	TALYS-6a	0		24
Er-167(n,2nt)Ho-163m	TALYS-6a	0		24
Er-167(n,4np)Ho-163g	TALYS-6a	0		17
Er-167(n,4np)Ho-163m	TALYS-6a	0		17
Er-167(n,3nd)Ho-163g	TALYS-6a	0		18
Er-167(n,3nd)Ho-163m	TALYS-6a	0		18
Er-167(n,n'da)Tb-161	TALYS-6a	0	[8]	25
Er-167(n,2npa)Tb-161	TALYS-6a	0	[8]	24
Er-167(n,7n)Er-161	TALYS-6a	0		8
Er-167(n,8n)Er-160	TALYS-6a	0		4
Er-167(n,5np)Ho-162g	TALYS-6a	0		13
Er-167(n,5np)Ho-162m	TALYS-6a	0		13
Er-167(n,6np)Ho-161g	TALYS-6a	0		9
Er-167(n,6np)Ho-161m	TALYS-6a	0		9
Er-167(n,4na)Dy-160	TALYS-6a	0	[8]	21
Er-167(n,5na)Dy-159	TALYS-6a	0	[8]	15
Er-167(n,6na)Dy-158	TALYS-6a	0	[8]	11
Er-167(n,7na)Dy-157	TALYS-6a	0	[8]	6
Er-167(n,4nd)Ho-162g	TALYS-6a	0		13
Er-167(n,4nd)Ho-162m	TALYS-6a	0		13
Er-167(n,5nd)Ho-161g	TALYS-6a	0		10
Er-167(n,5nd)Ho-161m	TALYS-6a	0		10
Er-167(n,6nd)Ho-160g	TALYS-6a	0	[4]	5
Er-167(n,6nd)Ho-160m	TALYS-6a	0	[4,7,8]	4
Er-167(n,6nd)Ho-160n	TALYS-6a	0	[4,7,8]	4
Er-167(n,3nt)Ho-162g	TALYS-6a	0		16
Er-167(n,3nt)Ho-162m	TALYS-6a	0		16
Er-167(n,4nt)Ho-161g	TALYS-6a	0		13
Er-167(n,4nt)Ho-161m	TALYS-6a	0		12
Er-167(n,5nt)Ho-160g	TALYS-6a	0	[4]	8

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Er-167(n,5nt)Ho-160m     TALYS-6a     0 [4,7,8]          7    +Er-169(n,n'p)Ho-168g     TALYS-6a     0                43
Er-167(n,5nt)Ho-160n     TALYS-6a     0 [4,7,8]          7    +Er-169(n,n'p)Ho-168m     TALYS-6a     0                43
Er-167(n,6nt)Ho-159g     TALYS-6a     0                  4     Er-169(n,2n2a)Gd-160     TALYS-6a     0 [8]            26
Er-167(n,6nt)Ho-159m     TALYS-6a     0                  4     Er-169(n,n'd)Ho-167      TALYS-6a     0 [8]            34
Er-167(n,2nh)Dy-163      TALYS-6a     0 [8]             21     Er-169(n,n't)Ho-166g     TALYS-6a     0                31
Er-167(n,3nh)Dy-162      TALYS-6a     0 [8]             16     Er-169(n,n't)Ho-166m     TALYS-6a     0                31
Er-167(n,4nh)Dy-161      TALYS-6a     0 [8]             12     Er-169(n,n'h)Dy-166      TALYS-6a     0 [8]            28
Er-167(n,3n2p)Dy-163     TALYS-6a     0 [8]             15     Er-169(n,4n)Er-166       TALYS-6a     0                26
Er-167(n,3n2a)Gd-157     TALYS-6a     0 [8]             18     Er-169(n,2np)Ho-167      TALYS-6a     0 [8]            31
Er-167(n,3npa)Tb-160     TALYS-6a     0 [8]             16     Er-169(n,3np)Ho-166g     TALYS-6a     0                24
Er-167(n,n'pd)Dy-164     TALYS-6a     0 [8]             23     Er-169(n,3np)Ho-166m     TALYS-6a     0                24
Er-167(n,n'pt)Dy-163     TALYS-6a     0 [8]             21     Er-169(n,n'2p)Dy-167     TALYS-6a     0 [8]            25
Er-167(n,n'dt)Dy-162     TALYS-6a     0 [8]             16     Er-169(n,n'pa)Tb-164     TALYS-6a     0 [8]            27
Er-167(n,n'ta)Tb-160     TALYS-6a     0 [8]             23     Er-169(n,g)Er-170        MASGAM       2 [14,13]        83
Er-167(n,2n2p)Dy-164     TALYS-6a     0 [8]             21     Er-169(n,p)Ho-169        TALYS-6a     0 [2,8]          74
Er-167(n,4n2p)Dy-162     TALYS-6a     0 [8]             12    +Er-169(n,d)Ho-168g       TALYS-6a     0                46
Er-167(n,4n2a)Gd-156     TALYS-6a     0 [8]             14    +Er-169(n,d)Ho-168m       TALYS-6a     0                46
Er-167(n,4npa)Tb-159     TALYS-6a     0 [8]             13     Er-169(n,t)Ho-167        TALYS-6a     0 [8]            47
Er-167(n,5n2p)Dy-161     TALYS-6a     0 [8]              8     Er-169(n,h)Dy-167        TALYS-6a     0 [8]            33
Er-168(n,2nd)Ho-165      TALYS-6a     0 [8]             25     Er-169(n,a)Dy-166        ADL-3        2 [13,11]        64
Er-168(n,2n)Er-167g      TALYS-6a     0 [2]             46     Er-169(n,2p)Dy-168       TALYS-6a     0 [8]            32
Er-168(n,2n)Er-167m      ADL-3        2 [13,3]          45     Er-169(n,pd)Dy-167       TALYS-6a     0 [8]            27
Er-168(n,3n)Er-166       TALYS-6a     0                 33     Er-169(n,5n)Er-165       TALYS-6a     0                18
Er-168(n,n'a)Dy-164      TALYS-6a     0                100     Er-169(n,6n)Er-164       TALYS-6a     0                14
Er-168(n,2na)Dy-163      TALYS-6a     0 [8]             38     Er-169(n,2nt)Ho-165      TALYS-6a     0 [8]            25
Er-168(n,3na)Dy-162      TALYS-6a     0 [8]             28     Er-169(n,4np)Ho-165      TALYS-6a     0 [8]            18
Er-168(n,n'p)Ho-167      TALYS-6a     0 [8]             43     Er-169(n,3nd)Ho-165      TALYS-6a     0 [8]            19
Er-168(n,2n2a)Gd-159     TALYS-6a     0 [8]             24     Er-169(n,n'da)Tb-163     TALYS-6a     0 [8]            25
Er-168(n,n'd)Ho-166g     TALYS-6a     0                 31     Er-169(n,2npa)Tb-163     TALYS-6a     0 [8]            23
Er-168(n,n'd)Ho-166m     TALYS-6a     0                 31     Er-169(n,7n)Er-163       TALYS-6a     0                 9
Er-168(n,n't)Ho-165      TALYS-6a     0 [8]             31     Er-169(n,8n)Er-162       TALYS-6a     0                 6
Er-168(n,n'h)Dy-165g     TALYS-6a     0                 27     Er-169(n,5np)Ho-164g     TALYS-6a     0                13
Er-168(n,n'h)Dy-165m     TALYS-6a     0                 27     Er-169(n,5np)Ho-164m     TALYS-6a     0                13
Er-168(n,4n)Er-165       TALYS-6a     0                 24     Er-169(n,6np)Ho-163g     TALYS-6a     0                10
Er-168(n,2np)Ho-166g     TALYS-6a     0                 30     Er-169(n,6np)Ho-163m     TALYS-6a     0                10
Er-168(n,2np)Ho-166m     TALYS-6a     0                 30     Er-169(n,7np)Ho-162g     TALYS-6a     0                 6
Er-168(n,3np)Ho-165      TALYS-6a     0 [8]             24     Er-169(n,7np)Ho-162m     TALYS-6a     0                 6
Er-168(n,n'2p)Dy-166     TALYS-6a     0 [8]             26     Er-169(n,4na)Dy-162      TALYS-6a     0 [8]            22
Er-168(n,n'pa)Tb-163     TALYS-6a     0 [8]             30     Er-169(n,5na)Dy-161      TALYS-6a     0 [8]            15
Er-168(n,g)Er-169        SIGECN-MASGAM 4 [14,13]      4279     Er-169(n,6na)Dy-160      TALYS-6a     0 [8]            12
+Er-168(n,p)Ho-168g      ADL-3        6 [13,4,7,8]      44     Er-169(n,7na)Dy-159      TALYS-6a     0 [8]             7
+Er-168(n,p)Ho-168m      ADL-3        0 [13,4,7,8]      43     Er-169(n,4nd)Ho-164g     TALYS-6a     0                14
Er-168(n,d)Ho-167        TALYS-6a     0 [8]             48     Er-169(n,4nd)Ho-164m     TALYS-6a     0                14
Er-168(n,t)Ho-166g       TALYS-6a     0                 43     Er-169(n,5nd)Ho-163g     TALYS-6a     0                11
Er-168(n,t)Ho-166m       TALYS-6a     0                 43     Er-169(n,5nd)Ho-163m     TALYS-6a     0                10
Er-168(n,h)Dy-166        TALYS-6a     0 [8]             36     Er-169(n,6nd)Ho-162g     TALYS-6a     0                 6
Er-168(n,a)Dy-165g       TALYS-5      1 [12]          4210     Er-169(n,6nd)Ho-162m     TALYS-6a     0                 6
Er-168(n,a)Dy-165m       TALYS-5      2 [3,12,3]      4210     Er-169(n,3nt)Ho-164g     TALYS-6a     0                17
Er-168(n,2p)Dy-167       TALYS-6a     0 [8]             31     Er-169(n,3nt)Ho-164m     TALYS-6a     0                17
Er-168(n,pd)Dy-166       TALYS-6a     0 [8]             27     Er-169(n,4nt)Ho-163g     TALYS-6a     0                13
Er-168(n,5n)Er-164       TALYS-6a     0                 17     Er-169(n,4nt)Ho-163m     TALYS-6a     0                13
Er-168(n,6n)Er-163       TALYS-6a     0                 12     Er-169(n,5nt)Ho-162g     TALYS-6a     0                 9
Er-168(n,2nt)Ho-164g     TALYS-6a     0                 23     Er-169(n,5nt)Ho-162m     TALYS-6a     0                 9
Er-168(n,2nt)Ho-164m     TALYS-6a     0                 23     Er-169(n,6nt)Ho-161g     TALYS-6a     0                 6
Er-168(n,4np)Ho-164g     TALYS-6a     0                 16     Er-169(n,6nt)Ho-161m     TALYS-6a     0                 5
Er-168(n,4np)Ho-164m     TALYS-6a     0                 16     Er-169(n,2nh)Dy-165g     TALYS-6a     0                21
Er-168(n,3nd)Ho-164g     TALYS-6a     0                 17     Er-169(n,2nh)Dy-165m     TALYS-6a     0                21
Er-168(n,3nd)Ho-164m     TALYS-6a     0                 17     Er-169(n,3nh)Dy-164      TALYS-6a     0 [8]            16
Er-168(n,n'da)Tb-162     TALYS-6a     0 [8]             23     Er-169(n,4nh)Dy-163      TALYS-6a     0 [8]            12
Er-168(n,2npa)Tb-162     TALYS-6a     0 [8]             22     Er-169(n,3n2p)Dy-165g    TALYS-6a     0                15
Er-168(n,7n)Er-162       TALYS-6a     0                  9     Er-169(n,3n2p)Dy-165m    TALYS-6a     0                14
Er-168(n,8n)Er-161       TALYS-6a     0                  4     Er-169(n,3n2a)Gd-159     TALYS-6a     0 [8]            18
Er-168(n,5np)Ho-163g     TALYS-6a     0                 13     Er-169(n,3npa)Tb-162     TALYS-6a     0 [8]            16
Er-168(n,5np)Ho-163m     TALYS-6a     0                 13     Er-169(n,n'pd)Dy-166     TALYS-6a     0 [8]            21
Er-168(n,6np)Ho-162g     TALYS-6a     0                  9     Er-169(n,n'ta)Tb-162     TALYS-6a     0 [8]            23
Er-168(n,6np)Ho-162m     TALYS-6a     0                  9     Er-169(n,2n2p)Dy-166     TALYS-6a     0 [8]            20
Er-168(n,7np)Ho-161g     TALYS-6a     0                  5     Er-169(n,4n2p)Dy-164     TALYS-6a     0 [8]            12
Er-168(n,7np)Ho-161m     TALYS-6a     0                  5     Er-169(n,4n2a)Gd-158     TALYS-6a     0 [8]            14
Er-168(n,4na)Dy-161      TALYS-6a     0 [8]             20     Er-169(n,4npa)Tb-161     TALYS-6a     0 [8]            13
Er-168(n,5na)Dy-160      TALYS-6a     0 [8]             15     Er-169(n,5n2p)Dy-163     TALYS-6a     0 [8]             8
Er-168(n,6na)Dy-159      TALYS-6a     0 [8]             11     Er-170(n,2nd)Ho-167      TALYS-6a     0 [8]            26
Er-168(n,7na)Dy-158      TALYS-6a     0 [8]              7     Er-170(n,2n)Er-169       ADL-3        2 [13]           45
Er-168(n,4nd)Ho-163g     TALYS-6a     0                 13     Er-170(n,3n)Er-168       TALYS-6a     0                35
Er-168(n,4nd)Ho-163m     TALYS-6a     0                 13     Er-170(n,n'a)Dy-166      TALYS-6a     0               100
Er-168(n,5nd)Ho-162g     TALYS-6a     0                  9     Er-170(n,2na)Dy-165g     TALYS-6a     0                38
Er-168(n,5nd)Ho-162m     TALYS-6a     0                  9     Er-170(n,2na)Dy-165m     TALYS-6a     0                38
Er-168(n,6nd)Ho-161g     TALYS-6a     0                  6     Er-170(n,3na)Dy-164      TALYS-6a     0 [8]            29
Er-168(n,6nd)Ho-161m     TALYS-6a     0                  6     Er-170(n,n'p)Ho-169      TALYS-6a     0 [8]            42
Er-168(n,3nt)Ho-163g     TALYS-6a     0                 16     Er-170(n,2n2a)Gd-161     TALYS-6a     0 [8]            23
Er-168(n,3nt)Ho-163m     TALYS-6a     0                 16    +Er-170(n,n'd)Ho-168g     TALYS-6a     0                31
Er-168(n,4nt)Ho-162g     TALYS-6a     0                 12    +Er-170(n,n'd)Ho-168m     TALYS-6a     0                31
Er-168(n,4nt)Ho-162m     TALYS-6a     0                 12     Er-170(n,n't)Ho-167      TALYS-6a     0 [8]            31
Er-168(n,5nt)Ho-161g     TALYS-6a     0                  8     Er-170(n,n'h)Dy-167      TALYS-6a     0 [8]            26
Er-168(n,5nt)Ho-161m     TALYS-6a     0                  8     Er-170(n,4n)Er-167g      TALYS-6a     0                25
Er-168(n,2nh)Dy-164      TALYS-6a     0 [8]             21     Er-170(n,4n)Er-167m      TALYS-6a     0                25
Er-168(n,3nh)Dy-163      TALYS-6a     0 [8]             15    +Er-170(n,2np)Ho-168g     TALYS-6a     0                30
Er-168(n,4nh)Dy-162      TALYS-6a     0 [8]             12    +Er-170(n,2np)Ho-168m     TALYS-6a     0                30
Er-168(n,3n2p)Dy-164     TALYS-6a     0 [8]             15     Er-170(n,3np)Ho-167      TALYS-6a     0 [8]            24
Er-168(n,3n2a)Gd-158     TALYS-6a     0 [8]             18     Er-170(n,n'2p)Dy-168     TALYS-6a     0 [8]            24
Er-168(n,3npa)Tb-161     TALYS-6a     0 [8]             16     Er-170(n,n'pa)Tb-165     TALYS-6a     0 [8]            26
Er-168(n,n'pd)Dy-165g    TALYS-6a     0                 20     Er-170(n,g)Er-171        SIGECN-MASGAM 4 [14,13]      4034
Er-168(n,n'pd)Dy-165m    TALYS-6a     0                 20     Er-170(n,p)Ho-170g       ADL-3        5 [13]           44
Er-168(n,n'pt)Dy-164     TALYS-6a     0 [8]             21     Er-170(n,p)Ho-170m       ADL-3        1 [13]           44
Er-168(n,n'ta)Tb-161     TALYS-6a     0 [8]             23     Er-170(n,d)Ho-169        TALYS-6a     6 [8]            45
Er-168(n,2n2p)Dy-165g    TALYS-6a     0                 19     Er-170(n,t)Ho-168g       ADL-3        2 [13,4,8,7,8]   40
Er-168(n,2n2p)Dy-165m    TALYS-6a     0                 19    +Er-170(n,t)Ho-168m       ADL-3        0 [13,4,7,8,8,4] 39
Er-168(n,4n2p)Dy-163     TALYS-6a     0 [8]             11     Er-170(n,h)Dy-168        TALYS-6a     0 [8]            33
Er-168(n,4n2a)Gd-157     TALYS-6a     0 [8]             13     Er-170(n,a)Dy-167        TALYS-5      4 [9,3]        4070
Er-168(n,4npa)Tb-160     TALYS-6a     0 [8]             12     Er-170(n,2p)Dy-169       TALYS-6a     0 [8]            27
Er-168(n,5n2p)Dy-162     TALYS-6a     0 [8]              8     Er-170(n,pd)Dy-168       TALYS-6a     0 [8]            26
Er-169(n,2nd)Ho-166g     TALYS-6a     0                 26     Er-170(n,5n)Er-166       TALYS-6a     0                19
Er-169(n,2nd)Ho-166m     TALYS-6a     0                 26     Er-170(n,6n)Er-165       TALYS-6a     0                13
Er-169(n,2n)Er-168       TALYS-6a     0                 55     Er-170(n,2nt)Ho-166g     TALYS-6a     0                24
Er-169(n,3n)Er-167g      TALYS-6a     0                 34     Er-170(n,2nt)Ho-166m     TALYS-6a     0                24
Er-169(n,3n)Er-167m      TALYS-6a     0                 33     Er-170(n,4np)Ho-166g     TALYS-6a     0                17
Er-169(n,n'a)Dy-165g     TALYS-6a     0                100     Er-170(n,4np)Ho-166m     TALYS-6a     0                17
Er-169(n,n'a)Dy-165m     TALYS-6a     0                100     Er-170(n,3nd)Ho-166g     TALYS-6a     0                18
Er-169(n,2na)Dy-164      TALYS-6a     0 [8]             42     Er-170(n,3nd)Ho-166m     TALYS-6a     0                18
Er-169(n,3na)Dy-163      TALYS-6a     0 [8]             29     Er-170(n,2npa)Tb-164     TALYS-6a     0 [8]            21
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Reaction	Method			
Er-170(n,7n)Er-164	TALYS-6a	0		10
Er-170(n,8n)Er-163	TALYS-6a	0		6
Er-170(n,5np)Ho-165	TALYS-6a	0		14
Er-170(n,6np)Ho-164g	TALYS-6a	0		10
Er-170(n,6np)Ho-164m	TALYS-6a	0		10
Er-170(n,7np)Ho-163g	TALYS-6a	0		6
Er-170(n,7np)Ho-163m	TALYS-6a	0		6
Er-170(n,4na)Dy-163	TALYS-6a	0	[8]	21
Er-170(n,5na)Dy-162	TALYS-6a	0	[8]	16
Er-170(n,6na)Dy-161	TALYS-6a	0	[8]	11
Er-170(n,7na)Dy-160	TALYS-6a	0	[8]	8
Er-170(n,4nd)Ho-165	TALYS-6a	0	[8]	14
Er-170(n,5nd)Ho-164g	TALYS-6a	0		10
Er-170(n,5nd)Ho-164m	TALYS-6a	0		10
Er-170(n,6nd)Ho-163g	TALYS-6a	0		7
Er-170(n,6nd)Ho-163m	TALYS-6a	0		7
Er-170(n,3nt)Ho-165	TALYS-6a	0	[8]	17
Er-170(n,4nt)Ho-164g	TALYS-6a	0		13
Er-170(n,4nt)Ho-164m	TALYS-6a	0		13
Er-170(n,5nt)Ho-163g	TALYS-6a	0		10
Er-170(n,5nt)Ho-163m	TALYS-6a	0		9
Er-170(n,6nt)Ho-162g	TALYS-6a	0		5
Er-170(n,6nt)Ho-162m	TALYS-6a	0		5
Er-170(n,2nh)Dy-166	TALYS-6a	0	[8]	21
Er-170(n,3nh)Dy-165g	TALYS-6a	0		15
Er-170(n,3nh)Dy-165m	TALYS-6a	0		15
Er-170(n,4nh)Dy-164	TALYS-6a	0	[8]	12
Er-170(n,3n2p)Dy-166	TALYS-6a	0	[8]	14
Er-170(n,3n2a)Gd-160	TALYS-6a	0	[8]	18
Er-170(n,3npa)Tb-163	TALYS-6a	0	[8]	16
Er-170(n,n'pd)Dy-167	TALYS-6a	0	[8]	19
Er-170(n,2n2p)Dy-167	TALYS-6a	0	[8]	18
Er-170(n,4n2p)Dy-165g	TALYS-6a	0		11
Er-170(n,4n2p)Dy-165m	TALYS-6a	0		11
Er-170(n,4n2a)Gd-159	TALYS-6a	0	[8]	13
Er-170(n,4npa)Tb-162	TALYS-6a	0	[8]	12
Er-170(n,5n2p)Dy-164	TALYS-6a	0	[8]	8
+Er-171(n,2nd)Ho-168g	TALYS-6a	0		26
+Er-171(n,2nd)Ho-168m	TALYS-6a	0		26
Er-171(n,2n)Er-170	TALYS-6a	0		57
Er-171(n,3n)Er-169	TALYS-6a	0		35
Er-171(n,n'a)Dy-167	TALYS-6a	0	[8]	62
Er-171(n,2na)Dy-166	TALYS-6a	0	[8]	41
Er-171(n,3na)Dy-165g	TALYS-6a	0		29
Er-171(n,3na)Dy-165m	TALYS-6a	0		29
Er-171(n,n'p)Ho-170g	TALYS-6a	0		41
Er-171(n,n'p)Ho-170m	TALYS-6a	0		41
Er-171(n,n'd)Ho-169	TALYS-6a	0	[8]	33
+Er-171(n,n't)Ho-168g	TALYS-6a	0		32
+Er-171(n,n't)Ho-168m	TALYS-6a	0		32
Er-171(n,n'h)Dy-168	TALYS-6a	0	[8]	27
Er-171(n,4n)Er-168	TALYS-6a	0		27
Er-171(n,2np)Ho-169	TALYS-6a	0	[8]	31
+Er-171(n,3np)Ho-168g	TALYS-6a	0		24
+Er-171(n,3np)Ho-168m	TALYS-6a	0		24
Er-171(n,n'2p)Dy-169	TALYS-6a	0	[8]	24
Er-171(n,g)Er-172	MASGAM	2	[14,13]	76
Er-171(n,p)Ho-171	TALYS-6a	0	[2,8]	68
Er-171(n,d)Ho-170g	TALYS-6a	0		44
Er-171(n,d)Ho-170m	TALYS-6a	0		44
Er-171(n,t)Ho-169	TALYS-6a	0	[8]	45
Er-171(n,h)Dy-169	TALYS-6a	0	[8]	30
Er-171(n,a)Dy-168	TALYS-6a	0	[2]	100
Er-171(n,2p)Dy-170	TALYS-6a	0	[8,7,8]	27
Er-171(n,pd)Dy-169	TALYS-6a	0	[8]	25
Er-171(n,5n)Er-167g	TALYS-6a	0		20
Er-171(n,5n)Er-167m	TALYS-6a	0		19
Er-171(n,6n)Er-166	TALYS-6a	0		15
Er-171(n,2nt)Ho-167	TALYS-6a	0	[8]	25
Er-171(n,4np)Ho-167	TALYS-6a	0	[8]	18
Er-171(n,3nd)Ho-167	TALYS-6a	0	[8]	20
Er-171(n,2npa)Tb-165	TALYS-6a	0	[8]	22
Er-171(n,7n)Er-165	TALYS-6a	0		11
Er-171(n,8n)Er-164	TALYS-6a	0		7
Er-171(n,5np)Ho-166g	TALYS-6a	0		14
Er-171(n,5np)Ho-166m	TALYS-6a	0		14
Er-171(n,6np)Ho-165	TALYS-6a	0		11
Er-171(n,7np)Ho-164g	TALYS-6a	0		7
Er-171(n,7np)Ho-164m	TALYS-6a	0		7
Er-171(n,4na)Dy-164	TALYS-6a	0	[8]	23
Er-171(n,5na)Dy-163	TALYS-6a	0	[8]	16
Er-171(n,6na)Dy-162	TALYS-6a	0	[8]	13
Er-171(n,7na)Dy-161	TALYS-6a	0	[8]	8
Er-171(n,4nd)Ho-166g	TALYS-6a	0		15
Er-171(n,4nd)Ho-166m	TALYS-6a	0		15
Er-171(n,5nd)Ho-165	TALYS-6a	0	[8]	11
Er-171(n,6nd)Ho-164g	TALYS-6a	0		7
Er-171(n,6nd)Ho-164m	TALYS-6a	0		7
Er-171(n,3nt)Ho-166g	TALYS-6a	0		18
Er-171(n,3nt)Ho-166m	TALYS-6a	0		18
Er-171(n,4nt)Ho-165	TALYS-6a	0	[8]	14
Er-171(n,5nt)Ho-164g	TALYS-6a	0		10
Er-171(n,5nt)Ho-164m	TALYS-6a	0		10
Er-171(n,6nt)Ho-163g	TALYS-6a	0		7
Er-171(n,6nt)Ho-163m	TALYS-6a	0		7
Er-171(n,2nh)Dy-167	TALYS-6a	0	[8]	21
Er-171(n,3nh)Dy-166	TALYS-6a	0	[8]	16
Er-171(n,4nh)Dy-165g	TALYS-6a	0		12
Er-171(n,4nh)Dy-165m	TALYS-6a	0		12
Er-171(n,3n2p)Dy-167	TALYS-6a	0	[8]	15
Er-171(n,3n2a)Gd-161	TALYS-6a	0	[8]	17
Er-171(n,3npa)Tb-164	TALYS-6a	0	[8]	16
Er-171(n,n'pd)Dy-168	TALYS-6a	0	[8]	20
Er-171(n,2n2p)Dy-168	TALYS-6a	0	[8]	19
Er-171(n,4n2p)Dy-166	TALYS-6a	0	[8]	12
Er-171(n,4n2a)Gd-160	TALYS-6a	0	[8]	14
Er-171(n,4npa)Tb-163	TALYS-6a	0	[8]	13
Er-171(n,5n2p)Dy-165g	TALYS-6a	0		8
Er-171(n,5n2p)Dy-165m	TALYS-6a	0		8
Er-172(n,2nd)Ho-169	TALYS-6a	0	[8]	26
Er-172(n,2n)Er-171	TALYS-6a	0		51
Er-172(n,3n)Er-170	TALYS-6a	0		36
Er-172(n,n'a)Dy-168	TALYS-6a	0	[8]	60
Er-172(n,2na)Dy-167	TALYS-6a	0	[8]	38
Er-172(n,3na)Dy-166	TALYS-6a	0	[8]	29
Er-172(n,n'p)Ho-171	TALYS-6a	0	[8]	40
Er-172(n,n'd)Ho-170g	TALYS-6a	0		31
Er-172(n,n'd)Ho-170m	TALYS-6a	0		31
Er-172(n,n't)Ho-169	TALYS-6a	0	[8]	31
Er-172(n,n'h)Dy-169	TALYS-6a	0	[8]	25
Er-172(n,4n)Er-169	TALYS-6a	0		27
Er-172(n,2np)Ho-170g	TALYS-6a	0		30
Er-172(n,2np)Ho-170m	TALYS-6a	0		29
Er-172(n,3np)Ho-169	TALYS-6a	0	[8]	24
Er-172(n,n'2p)Dy-170	TALYS-6a	0	[8,7,8]	22
Er-172(n,g)Er-173	MASGAM	0	[14,13]	83
Er-172(n,p)Ho-172	TALYS-6a	0	[2,8,7,8]	58
Er-172(n,d)Ho-171	TALYS-6a	0	[8]	43
Er-172(n,t)Ho-170g	TALYS-6a	0		43
Er-172(n,t)Ho-170m	TALYS-6a	0		43
Er-172(n,h)Dy-170	TALYS-6a	0	[8,7,8]	29
Er-172(n,a)Dy-169	TALYS-6a	0	[2]	100
Er-172(n,2p)Dy-171	TALYS-6a	0	[8,7,8]	24
Er-172(n,pd)Dy-170	TALYS-6a	0	[8,7,8]	24
Er-172(n,5n)Er-168	TALYS-6a	0		21
Er-172(n,6n)Er-167g	TALYS-6a	0		15
Er-172(n,6n)Er-167m	TALYS-6a	0		15
+Er-172(n,2nt)Ho-168g	TALYS-6a	0		25
+Er-172(n,2nt)Ho-168m	TALYS-6a	0		24
+Er-172(n,4np)Ho-168g	TALYS-6a	0	[7,8]	19
+Er-172(n,4np)Ho-168m	TALYS-6a	0		18
+Er-172(n,3nd)Ho-168g	TALYS-6a	0		19
+Er-172(n,3nd)Ho-168m	TALYS-6a	0		19
Er-172(n,2npa)Tb-166	TALYS-6a	0	[8]	20
Er-172(n,7n)Er-166	TALYS-6a	0		11
Er-172(n,8n)Er-165	TALYS-6a	0		7
Er-172(n,5np)Ho-167	TALYS-6a	0	[8]	14
Er-172(n,6np)Ho-166g	TALYS-6a	0		10
Er-172(n,6np)Ho-166m	TALYS-6a	0		10
Er-172(n,7np)Ho-165	TALYS-6a	0	[8]	7
Er-172(n,4na)Dy-165g	TALYS-6a	0		22
Er-172(n,4na)Dy-165m	TALYS-6a	0		22
Er-172(n,5na)Dy-164	TALYS-6a	0	[8]	16
Er-172(n,6na)Dy-163	TALYS-6a	0	[8]	12
Er-172(n,7na)Dy-162	TALYS-6a	0	[8]	9
Er-172(n,4nd)Ho-167	TALYS-6a	0	[8]	15
Er-172(n,5nd)Ho-166g	TALYS-6a	0		11
Er-172(n,5nd)Ho-166m	TALYS-6a	0		11
Er-172(n,6nd)Ho-165	TALYS-6a	0	[8]	8
Er-172(n,3nt)Ho-167	TALYS-6a	0	[8]	18
Er-172(n,4nt)Ho-166g	TALYS-6a	0		14
Er-172(n,4nt)Ho-166m	TALYS-6a	0		14
Er-172(n,5nt)Ho-165	TALYS-6a	0	[8]	11
Er-172(n,6nt)Ho-164g	TALYS-6a	0		7
Er-172(n,6nt)Ho-164m	TALYS-6a	0		7
Er-172(n,2nh)Dy-168	TALYS-6a	0	[8]	20
Er-172(n,3nh)Dy-167	TALYS-6a	0	[8]	15
Er-172(n,4nh)Dy-166	TALYS-6a	0	[8]	13
Er-172(n,3n2p)Dy-168	TALYS-6a	0	[8]	14
Er-172(n,3n2a)Gd-162	TALYS-6a	0	[8]	17
Er-172(n,3npa)Tb-165	TALYS-6a	0	[8]	16
Er-172(n,n'pd)Dy-169	TALYS-6a	0	[8]	18
Er-172(n,2n2p)Dy-169	TALYS-6a	0	[8]	17
Er-172(n,4n2p)Dy-167	TALYS-6a	0	[8]	11
Er-172(n,4n2a)Gd-161	TALYS-6a	0	[8]	13
Er-172(n,4npa)Tb-164	TALYS-6a	0	[8]	12
Er-172(n,5n2p)Dy-166	TALYS-6a	0	[8]	8
Tm-165(n,2nd)Er-162	TALYS-6a	0	[8]	27
Tm-165(n,2n)Tm-164g	TALYS-6a	0	[4]	43
Tm-165(n,2n)Tm-164m	TALYS-6a	0	[4,7,8]	42
Tm-165(n,3n)Tm-163	TALYS-6a	0		30
Tm-165(n,n'a)Ho-161g	TALYS-6a	0		100
Tm-165(n,n'a)Ho-161m	TALYS-6a	0		100
Tm-165(n,n'3a)Eu-153	TALYS-6a	0		100
Tm-165(n,2na)Ho-160g	TALYS-6a	0	[4]	38
Tm-165(n,2na)Ho-160m	TALYS-6a	0	[4,7,8]	37
Tm-165(n,2na)Ho-160n	TALYS-6a	0	[4,7,8]	37
Tm-165(n,3na)Ho-159g	TALYS-6a	0		28
Tm-165(n,3na)Ho-159m	TALYS-6a	0		27
Tm-165(n,n'p)Er-164	TALYS-6a	0	[8]	59
Tm-165(n,n'2a)Tb-157	TALYS-6a	0		100
Tm-165(n,2n2a)Tb-156g	TALYS-6a	0	[4]	27
Tm-165(n,2n2a)Tb-156m	TALYS-6a	0	[4,7,8]	27
Tm-165(n,2n2a)Tb-156n	TALYS-6a	0	[4,7,8]	26
Tm-165(n,n'd)Er-163	TALYS-6a	0	[8]	36
Tm-165(n,n't)Er-162	TALYS-6a	0	[8]	34
Tm-165(n,n'h)Ho-162g	TALYS-6a	0		29
Tm-165(n,n'h)Ho-162m	TALYS-6a	0		29
Tm-165(n,4n)Tm-162g	TALYS-6a	0	[4,7,8]	21
Tm-165(n,4n)Tm-162m	TALYS-6a	0	[4,7,8]	20
Tm-165(n,2np)Er-163	TALYS-6a	0	[8]	33
Tm-165(n,3np)Er-162	TALYS-6a	0	[8]	25
Tm-165(n,n'2p)Ho-163g	TALYS-6a	0		31
Tm-165(n,n'2p)Ho-163m	TALYS-6a	0		31
Tm-165(n,n'pa)Dy-160	TALYS-6a	0	[8]	40
Tm-165(n,g)Tm-166	MASGAM	0	[14,13]	83
Tm-165(n,p)Er-165	TALYS-6a	0	[2]	100
Tm-165(n,d)Er-164	TALYS-6a	0	[8]	67
Tm-165(n,t)Er-163	TALYS-6a	0	[8]	51
Tm-165(n,h)Ho-163g	TALYS-6a	0		43
Tm-165(n,h)Ho-163m	TALYS-6a	0		43
Tm-165(n,a)Ho-162g	TALYS-6a	0	[2]	100
Tm-165(n,a)Ho-162m	TALYS-6a	0	[2,15,15,15,15]	100
Tm-165(n,2a)Tb-158g	TALYS-6a	0		100
Tm-165(n,2a)Tb-158m	TALYS-6a	0		100
Tm-165(n,2p)Ho-164g	TALYS-6a	0		44
Tm-165(n,2p)Ho-164m	TALYS-6a	0		44
Tm-165(n,pa)Dy-161	TALYS-6a	0		100

Tm-165(n,pd)Ho-163g	TALYS-6a	0	33	Tm-166(n,n'da)Dy-160	TALYS-6a	0 [8]	29
Tm-165(n,pd)Ho-163m	TALYS-6a	0	32	Tm-166(n,2npa)Dy-160	TALYS-6a	0 [8]	29
Tm-165(n,pt)Ho-162g	TALYS-6a	0	29	Tm-166(n,5np)Er-161	TALYS-6a	0	13
Tm-165(n,pt)Ho-162m	TALYS-6a	0	29	Tm-166(n,6np)Er-160	TALYS-6a	0 [8]	9
Tm-165(n,da)Dy-160	TALYS-6a	0 [8]	41	Tm-166(n,4na)Ho-159g	TALYS-6a	0	21
+Tm-165(n,5n)Tm-161g	TALYS-6a	0 [4]	15	Tm-166(n,4na)Ho-159m	TALYS-6a	0	20
+Tm-165(n,5n)Tm-161m	TALYS-6a	0 [4,7,8]	14	Tm-166(n,5na)Ho-158g	TALYS-6a	0	14
Tm-165(n,6n)Tm-160g	TALYS-6a	0	10	Tm-166(n,5na)Ho-158m	TALYS-6a	0	14
Tm-165(n,6n)Tm-160m	TALYS-6a	0	10	Tm-166(n,5na)Ho-158n	TALYS-6a	0	14
Tm-165(n,2nt)Er-161	TALYS-6a	0 [8]	23	Tm-166(n,6na)Ho-157	TALYS-6a	0 [8]	10
Tm-165(n,ta)Dy-159	TALYS-6a	0 [8]	35	Tm-166(n,4nd)Er-161	TALYS-6a	0	14
Tm-165(n,4np)Er-161	TALYS-6a	0 [8]	16	Tm-166(n,5nd)Er-160	TALYS-6a	0 [8]	10
Tm-165(n,3nd)Er-161	TALYS-6a	0 [8]	18	Tm-166(n,3nt)Er-161	TALYS-6a	0 [8]	16
Tm-165(n,n'da)Dy-159	TALYS-6a	0 [8]	28	Tm-166(n,4nt)Er-160	TALYS-6a	0 [8]	13
Tm-165(n,2npa)Dy-159	TALYS-6a	0 [8]	27	Tm-166(n,5nt)Er-159	TALYS-6a	0 [8]	8
Tm-165(n,5np)Er-160	TALYS-6a	0	13	Tm-166(n,2nh)Ho-162g	TALYS-6a	0	22
Tm-165(n,6np)Er-159	TALYS-6a	0	8	Tm-166(n,2nh)Ho-162m	TALYS-6a	0	22
Tm-165(n,4na)Ho-158g	TALYS-6a	0	18	Tm-166(n,3nh)Ho-161g	TALYS-6a	0	16
Tm-165(n,4na)Ho-158m	TALYS-6a	0	18	Tm-166(n,3nh)Ho-161m	TALYS-6a	0	16
Tm-165(n,4na)Ho-158n	TALYS-6a	0	18	Tm-166(n,4nh)Ho-160g	TALYS-6a	0 [4]	12
Tm-165(n,5na)Ho-157	TALYS-6a	0 [8]	14	Tm-166(n,4nh)Ho-160m	TALYS-6a	0 [4,7,8]	10
+Tm-165(n,6na)Ho-156g	TALYS-6a	0 [4]	9	Tm-166(n,4nh)Ho-160n	TALYS-6a	0 [4,7,8]	11
+Tm-165(n,6na)Ho-156m	TALYS-6a	0 [4,7,8]	9	Tm-166(n,3n2p)Ho-162g	TALYS-6a	0	16
+Tm-165(n,6na)Ho-156n	TALYS-6a	0 [4,7,8]	8	Tm-166(n,3n2p)Ho-162m	TALYS-6a	0	16
Tm-165(n,4nd)Er-160	TALYS-6a	0 [8]	13	Tm-166(n,3n2a)Tb-156g	TALYS-6a	0 [4]	20
Tm-165(n,5nd)Er-159	TALYS-6a	0	9	Tm-166(n,3n2a)Tb-156m	TALYS-6a	0 [4,7,8]	19
Tm-165(n,3nt)Er-160	TALYS-6a	0 [8]	16	Tm-166(n,3n2a)Tb-156n	TALYS-6a	0 [4,7,8]	19
Tm-165(n,4nt)Er-159	TALYS-6a	0 [8]	11	Tm-166(n,3npa)Dy-159	TALYS-6a	0 [8]	19
Tm-165(n,5nt)Er-158	TALYS-6a	0 [8]	8	Tm-166(n,n'pd)Ho-163g	TALYS-6a	0	25
Tm-165(n,2nh)Ho-161g	TALYS-6a	0	22	Tm-166(n,n'pd)Ho-163m	TALYS-6a	0	24
Tm-165(n,2nh)Ho-161m	TALYS-6a	0	22	Tm-166(n,n'pt)Ho-162g	TALYS-6a	0	22
Tm-165(n,3nh)Ho-160g	TALYS-6a	0 [4]	15	Tm-166(n,n'pt)Ho-162m	TALYS-6a	0	22
Tm-165(n,3nh)Ho-160m	TALYS-6a	0 [4,7,8]	14	Tm-166(n,n'dt)Ho-161g	TALYS-6a	0	16
Tm-165(n,3nh)Ho-160n	TALYS-6a	0 [4,7,8]	14	Tm-166(n,n'dt)Ho-161m	TALYS-6a	0	16
Tm-165(n,4nh)Ho-159g	TALYS-6a	0	12	Tm-166(n,n'ta)Dy-159	TALYS-6a	0 [8]	26
Tm-165(n,4nh)Ho-159m	TALYS-6a	0	11	Tm-166(n,2n2p)Ho-163g	TALYS-6a	0	24
Tm-165(n,3n2p)Ho-161g	TALYS-6a	0	16	Tm-166(n,2n2p)Ho-163m	TALYS-6a	0	23
Tm-165(n,3n2p)Ho-161m	TALYS-6a	0	16	Tm-166(n,4n2p)Ho-161g	TALYS-6a	0	12
Tm-165(n,3n2a)Tb-155	TALYS-6a	0 [8]	20	Tm-166(n,4n2p)Ho-161m	TALYS-6a	0	12
Tm-165(n,3npa)Dy-158	TALYS-6a	0 [8]	20	Tm-166(n,4n2a)Tb-155	TALYS-6a	0 [8]	15
Tm-165(n,n'pd)Ho-162g	TALYS-6a	0	23	Tm-166(n,4npa)Dy-158	TALYS-6a	0 [8]	14
Tm-165(n,n'pd)Ho-162m	TALYS-6a	0	23	Tm-166(n,5n2p)Ho-160g	TALYS-6a	0 [4]	8
Tm-165(n,n'pt)Ho-161g	TALYS-6a	0	22	Tm-166(n,5n2p)Ho-160m	TALYS-6a	0 [4,7,8]	7
Tm-165(n,n'pt)Ho-161m	TALYS-6a	0	22	Tm-166(n,5n2p)Ho-160n	TALYS-6a	0 [4,7,8]	7
Tm-165(n,n'dt)Ho-160g	TALYS-6a	0 [4]	15	Tm-167(n,2nd)Er-164	TALYS-6a	0 [8]	27
Tm-165(n,n'dt)Ho-160m	TALYS-6a	0 [4,7,8]	14	Tm-167(n,2n)Tm-166	TALYS-6a	0	44
Tm-165(n,n'dt)Ho-160n	TALYS-6a	0 [4,7,8]	14	Tm-167(n,3n)Tm-165	TALYS-6a	0	31
Tm-165(n,n'ph)Dy-161	TALYS-6a	0 [8]	19	Tm-167(n,n'a)Ho-163g	TALYS-6a	0	100
Tm-165(n,n'ta)Dy-158	TALYS-6a	0 [8]	26	Tm-167(n,n'a)Ho-163m	TALYS-6a	0	100
Tm-165(n,2n2p)Ho-162g	TALYS-6a	0	22	Tm-167(n,2na)Ho-162g	TALYS-6a	0	38
Tm-165(n,2n2p)Ho-162m	TALYS-6a	0	22	Tm-167(n,2na)Ho-162m	TALYS-6a	0	38
Tm-165(n,4n2p)Ho-160g	TALYS-6a	0 [4]	11	Tm-167(n,3na)Ho-161g	TALYS-6a	0	28
Tm-165(n,4n2p)Ho-160m	TALYS-6a	0 [4,7,8]	10	Tm-167(n,3na)Ho-161m	TALYS-6a	0	28
Tm-165(n,4n2p)Ho-160n	TALYS-6a	0 [4,7,8]	10	Tm-167(n,n'p)Er-166	TALYS-6a	0 [8]	56
Tm-165(n,4n2a)Tb-154g	TALYS-6a	0 [4,8]	12	Tm-167(n,n'2a)Tb-159	TALYS-6a	0	100
Tm-165(n,4n2a)Tb-154m	TALYS-6a	0 [4,7,8,8]	11	Tm-167(n,2n2a)Tb-158g	TALYS-6a	0	27
Tm-165(n,4n2a)Tb-154n	TALYS-6a	0 [4,7,8,8]	11	Tm-167(n,2n2a)Tb-158m	TALYS-6a	0	26
Tm-165(n,4npa)Dy-157	TALYS-6a	0 [8]	13	Tm-167(n,n'd)Er-165	TALYS-6a	0 [8]	35
Tm-165(n,5n2p)Ho-159g	TALYS-6a	0	8	Tm-167(n,n't)Er-164	TALYS-6a	0 [8]	34
Tm-165(n,5n2p)Ho-159m	TALYS-6a	0	8	Tm-167(n,n'h)Ho-164g	TALYS-6a	0	28
Tm-166(n,2nd)Er-163	TALYS-6a	0 [8]	27	Tm-167(n,n'h)Ho-164m	TALYS-6a	0	28
Tm-166(n,2n)Tm-165	TALYS-6a	0	50	Tm-167(n,4n)Tm-164g	TALYS-6a	0 [4]	22
Tm-166(n,3n)Tm-164g	TALYS-6a	0 [4]	30	Tm-167(n,4n)Tm-164m	TALYS-6a	0 [4,7,8]	21
Tm-166(n,3n)Tm-164m	TALYS-6a	0 [4,7,8]	29	Tm-167(n,2np)Er-165	TALYS-6a	0 [8]	32
Tm-166(n,n'a)Ho-162g	TALYS-6a	0	100	Tm-167(n,3np)Er-164	TALYS-6a	0 [8]	25
Tm-166(n,n'a)Ho-162m	TALYS-6a	0	100	Tm-167(n,n'2p)Ho-165	TALYS-6a	0 [8]	30
Tm-166(n,2na)Ho-161g	TALYS-6a	0	42	Tm-167(n,n'pa)Dy-162	TALYS-6a	0 [8]	37
Tm-166(n,2na)Ho-161m	TALYS-6a	0	42	Tm-167(n,g)Tm-168	MASGAM	0 [14,13]	83
Tm-166(n,3na)Ho-160g	TALYS-6a	0 [4]	28	Tm-167(n,p)Er-167g	TALYS-6a	0 [2]	100
Tm-166(n,3na)Ho-160m	TALYS-6a	0 [4,7,8]	27	Tm-167(n,p)Er-167m	TALYS-6a	0 [2]	100
Tm-166(n,3na)Ho-160n	TALYS-6a	0 [4,7,8]	27	Tm-167(n,d)Er-166	TALYS-6a	0 [8]	63
Tm-166(n,n'p)Er-165	TALYS-6a	0 [8]	57	Tm-167(n,t)Er-165	TALYS-6a	0 [8]	50
Tm-166(n,n'2a)Tb-158g	TALYS-6a	0	100	Tm-167(n,h)Ho-165	TALYS-6a	0 [8]	41
Tm-166(n,n'2a)Tb-158m	TALYS-6a	0	100	Tm-167(n,a)Ho-164g	TALYS-6a	0 [2]	100
Tm-166(n,2n2a)Tb-157	TALYS-6a	0 [8]	30	Tm-167(n,a)Ho-164m	TALYS-6a	0 [2]	100
Tm-166(n,n'd)Er-164	TALYS-6a	0 [8]	39	Tm-167(n,2p)Ho-166g	TALYS-6a	0	40
Tm-166(n,n't)Er-163	TALYS-6a	0 [8]	34	Tm-167(n,2p)Ho-166m	TALYS-6a	0	40
Tm-166(n,n'h)Ho-163g	TALYS-6a	0	31	Tm-167(n,pa)Dy-163	TALYS-6a	0	100
Tm-166(n,n'h)Ho-163m	TALYS-6a	0	30	Tm-167(n,pd)Ho-165	TALYS-6a	0 [8]	31
Tm-166(n,4n)Tm-163	TALYS-6a	0	23	Tm-167(n,5n)Tm-163	TALYS-6a	0	15
Tm-166(n,2np)Er-164	TALYS-6a	0 [8]	37	Tm-167(n,6n)Tm-162g	TALYS-6a	0 [4,7,8]	11
Tm-166(n,3np)Er-163	TALYS-6a	0 [8]	25	Tm-167(n,6n)Tm-162m	TALYS-6a	0 [4,7,8]	10
Tm-166(n,n'2p)Ho-164g	TALYS-6a	0	30	Tm-167(n,2nt)Er-163	TALYS-6a	0 [8]	24
Tm-166(n,n'2p)Ho-164m	TALYS-6a	0	30	Tm-167(n,4np)Er-163	TALYS-6a	0	17
Tm-166(n,n'pa)Dy-161	TALYS-6a	0 [8]	38	Tm-167(n,3nd)Er-163	TALYS-6a	0 [8]	18
Tm-166(n,g)Tm-167	MASGAM	0 [14,13]	83	Tm-167(n,n'da)Dy-161	TALYS-6a	0 [8]	27
Tm-166(n,p)Er-166	TALYS-6a	0 [2]	100	Tm-167(n,2npa)Dy-161	TALYS-6a	0 [8]	26
Tm-166(n,d)Er-165	TALYS-6a	0 [8]	65	+Tm-167(n,7n)Tm-161g	TALYS-6a	0 [4]	7
Tm-166(n,t)Er-164	TALYS-6a	0 [8]	60	+Tm-167(n,7n)Tm-161m	TALYS-6a	0 [4,7,8]	6
Tm-166(n,h)Ho-164g	TALYS-6a	0	43	Tm-167(n,5np)Er-162	TALYS-6a	0 [8]	13
Tm-166(n,h)Ho-164m	TALYS-6a	0	43	Tm-167(n,6np)Er-161	TALYS-6a	0	9
Tm-166(n,a)Ho-163g	TALYS-6a	0 [2]	100	Tm-167(n,7np)Er-160	TALYS-6a	0	5
Tm-166(n,a)Ho-163m	TALYS-6a	0 [2]	100	Tm-167(n,4na)Ho-160g	TALYS-6a	0 [4]	19
Tm-166(n,2a)Tb-159	TALYS-6a	0 [10]	100	Tm-167(n,4na)Ho-160m	TALYS-6a	0 [4,7,8]	18
Tm-166(n,2p)Ho-165	TALYS-6a	0 [8]	46	Tm-167(n,4na)Ho-160n	TALYS-6a	0 [4,7,8]	18
Tm-166(n,pa)Dy-162	TALYS-6a	0	100	Tm-167(n,5na)Ho-159g	TALYS-6a	0	14
Tm-166(n,pd)Ho-164g	TALYS-6a	0	31	Tm-167(n,5na)Ho-159m	TALYS-6a	0	14
Tm-166(n,pd)Ho-164m	TALYS-6a	0	31	Tm-167(n,6na)Ho-158g	TALYS-6a	0	9
Tm-166(n,pt)Ho-163g	TALYS-6a	0	31	Tm-167(n,6na)Ho-158m	TALYS-6a	0	9
Tm-166(n,pt)Ho-163m	TALYS-6a	0	30	Tm-167(n,6na)Ho-158n	TALYS-6a	0	9
Tm-166(n,da)Dy-161	TALYS-6a	0 [8]	40	Tm-167(n,4nd)Er-162	TALYS-6a	0 [8]	14
Tm-166(n,5n)Tm-162g	TALYS-6a	0 [4,7,8]	15	Tm-167(n,5nd)Er-161	TALYS-6a	0 [8]	9
Tm-166(n,5n)Tm-162m	TALYS-6a	0 [4,7,8]	14	Tm-167(n,6nd)Er-160	TALYS-6a	0	6
+Tm-166(n,6n)Tm-161g	TALYS-6a	0 [4]	11	Tm-167(n,3nt)Er-162	TALYS-6a	0 [8]	16
+Tm-166(n,6n)Tm-161m	TALYS-6a	0 [4,7,8]	10	Tm-167(n,4nt)Er-161	TALYS-6a	0 [8]	12
Tm-166(n,2nt)Er-162	TALYS-6a	0 [8]	25	Tm-167(n,5nt)Er-160	TALYS-6a	0 [8]	8
Tm-166(n,ta)Dy-160	TALYS-6a	0 [8]	39	Tm-167(n,2nh)Ho-163g	TALYS-6a	0	22
Tm-166(n,4np)Er-162	TALYS-6a	0 [8]	18	Tm-167(n,2nh)Ho-163m	TALYS-6a	0	22
Tm-166(n,3nd)Er-162	TALYS-6a	0 [8]	20	Tm-167(n,3nh)Ho-162g	TALYS-6a	0	15

Reaction	Library			
Tm-167(n,3nh)Ho-162m	TALYS-6a	0		15
Tm-167(n,4nh)Ho-161g	TALYS-6a	0		12
Tm-167(n,4nh)Ho-161m	TALYS-6a	0		12
Tm-167(n,3n2p)Ho-163g	TALYS-6a	0		16
Tm-167(n,3n2p)Ho-163m	TALYS-6a	0		15
Tm-167(n,3n2a)Tb-157	TALYS-6a	0	[8]	20
Tm-167(n,3npa)Dy-160	TALYS-6a	0	[8]	19
Tm-167(n,n'pd)Ho-164g	TALYS-6a	0		23
Tm-167(n,n'pd)Ho-164m	TALYS-6a	0		22
Tm-167(n,n'pt)Ho-163g	TALYS-6a	0		22
Tm-167(n,n'pt)Ho-163m	TALYS-6a	0		21
Tm-167(n,n'dt)Ho-162g	TALYS-6a	0		15
Tm-167(n,n'dt)Ho-162m	TALYS-6a	0		15
Tm-167(n,n'ta)Dy-160	TALYS-6a	0	[8]	26
Tm-167(n,2n2p)Ho-164g	TALYS-6a	0		21
Tm-167(n,2n2p)Ho-164m	TALYS-6a	0		21
Tm-167(n,4n2p)Ho-162g	TALYS-6a	0		11
Tm-167(n,4n2p)Ho-162m	TALYS-6a	0		11
Tm-167(n,4n2a)Tb-156g	TALYS-6a	0	[4]	13
Tm-167(n,4n2a)Tb-156m	TALYS-6a	0	[4,7,8]	13
Tm-167(n,4n2a)Tb-156n	TALYS-6a	0	[4,7,8]	12
Tm-167(n,4npa)Dy-159	TALYS-6a	0	[8]	13
Tm-167(n,5n2p)Ho-161g	TALYS-6a	0		8
Tm-167(n,5n2p)Ho-161m	TALYS-6a	0		8
Tm-168(n,2nd)Er-165	TALYS-6a	0	[8]	26
Tm-168(n,2n)Tm-167	TALYS-6a	0		51
Tm-168(n,3n)Tm-166	TALYS-6a	0		31
Tm-168(n,n'a)Ho-164g	TALYS-6a	0		100
Tm-168(n,n'a)Ho-164m	TALYS-6a	0		100
Tm-168(n,2na)Ho-163g	TALYS-6a	0		41
Tm-168(n,2na)Ho-163m	TALYS-6a	0		41
Tm-168(n,3na)Ho-162g	TALYS-6a	0		28
Tm-168(n,3na)Ho-162m	TALYS-6a	0		28
Tm-168(n,n'p)Er-167g	TALYS-6a	0		54
Tm-168(n,n'p)Er-167m	TALYS-6a	0		52
Tm-168(n,n'2a)Tb-160	TALYS-6a	0		100
Tm-168(n,2n2a)Tb-159	TALYS-6a	0	[8]	28
Tm-168(n,n'd)Er-166	TALYS-6a	0	[8]	39
Tm-168(n,n't)Er-165	TALYS-6a	0	[8]	33
Tm-168(n,n'h)Ho-165	TALYS-6a	0	[8]	30
Tm-168(n,4n)Tm-165	TALYS-6a	0		24
Tm-168(n,2np)Er-166	TALYS-6a	0	[8]	36
Tm-168(n,3np)Er-165	TALYS-6a	0	[8]	25
Tm-168(n,n'2p)Ho-166g	TALYS-6a	0		29
Tm-168(n,n'2p)Ho-166m	TALYS-6a	0		29
Tm-168(n,n'pa)Dy-163	TALYS-6a	0	[8]	35
Tm-168(n,g)Tm-169	MASGAM	0	[14,13]	83
Tm-168(n,p)Er-168	TALYS-6a	0	[2]	100
Tm-168(n,d)Er-167g	TALYS-6a	0		61
Tm-168(n,d)Er-167m	TALYS-6a	0		60
Tm-168(n,t)Er-166	TALYS-6a	0	[8]	58
Tm-168(n,h)Ho-166g	TALYS-6a	0		39
Tm-168(n,h)Ho-166m	TALYS-6a	0		40
Tm-168(n,a)Ho-165	TALYS-6a	0	[2]	100
Tm-168(n,2p)Ho-167	TALYS-6a	0	[8]	41
Tm-168(n,pd)Ho-166g	TALYS-6a	0		30
Tm-168(n,pd)Ho-166m	TALYS-6a	0		30
Tm-168(n,5n)Tm-164g	TALYS-6a	0	[4]	16
Tm-168(n,5n)Tm-164m	TALYS-6a	0	[4,7,8]	15
Tm-168(n,6n)Tm-163	TALYS-6a	0		12
Tm-168(n,2nt)Er-164	TALYS-6a	0	[8]	26
Tm-168(n,4np)Er-164	TALYS-6a	0	[8]	18
Tm-168(n,3nd)Er-164	TALYS-6a	0	[8]	20
Tm-168(n,n'da)Dy-162	TALYS-6a	0	[8]	28
Tm-168(n,2npa)Dy-162	TALYS-6a	0	[8]	27
Tm-168(n,7n)Tm-162g	TALYS-6a	0	[4,7,8]	7
Tm-168(n,7n)Tm-162m	TALYS-6a	0	[4,7,8]	6
Tm-168(n,5np)Er-163	TALYS-6a	0	[8]	13
Tm-168(n,6np)Er-162	TALYS-6a	0		10
Tm-168(n,7np)Er-161	TALYS-6a	0		5
Tm-168(n,4na)Ho-161g	TALYS-6a	0		21
Tm-168(n,4na)Ho-161m	TALYS-6a	0		21
Tm-168(n,5na)Ho-160g	TALYS-6a	0	[4]	14
Tm-168(n,5na)Ho-160m	TALYS-6a	0	[4,7,8]	13
Tm-168(n,5na)Ho-160n	TALYS-6a	0	[4,7,8]	13
Tm-168(n,6na)Ho-159g	TALYS-6a	0		11
Tm-168(n,6na)Ho-159m	TALYS-6a	0		10
Tm-168(n,4nd)Er-163	TALYS-6a	0	[8]	14
Tm-168(n,5nd)Er-162	TALYS-6a	0	[8]	10
Tm-168(n,6nd)Er-161	TALYS-6a	0	[8]	6
Tm-168(n,3nt)Er-163	TALYS-6a	0	[8]	17
Tm-168(n,4nt)Er-162	TALYS-6a	0	[8]	13
Tm-168(n,5nt)Er-161	TALYS-6a	0	[8]	8
Tm-168(n,6nt)Er-160	TALYS-6a	0	[8]	5
Tm-168(n,2nh)Ho-164g	TALYS-6a	0		22
Tm-168(n,2nh)Ho-164m	TALYS-6a	0		22
Tm-168(n,3nh)Ho-163g	TALYS-6a	0		16
Tm-168(n,3nh)Ho-163m	TALYS-6a	0		16
Tm-168(n,4nh)Ho-162g	TALYS-6a	0		12
Tm-168(n,4nh)Ho-162m	TALYS-6a	0		12
Tm-168(n,3n2p)Ho-164g	TALYS-6a	0		15
Tm-168(n,3n2p)Ho-164m	TALYS-6a	0		15
Tm-168(n,3n2a)Tb-158g	TALYS-6a	0		19
Tm-168(n,3n2a)Tb-158m	TALYS-6a	0		18
Tm-168(n,3npa)Dy-161	TALYS-6a	0	[8]	19
Tm-168(n,n'pd)Ho-165	TALYS-6a	0	[8]	24
Tm-168(n,n'pt)Ho-164g	TALYS-6a	0		22
Tm-168(n,n'pt)Ho-164m	TALYS-6a	0		21
Tm-168(n,n'dt)Ho-163g	TALYS-6a	0		16
Tm-168(n,n'dt)Ho-163m	TALYS-6a	0		16
Tm-168(n,n'ta)Dy-161	TALYS-6a	0	[8]	25
Tm-168(n,2n2p)Ho-165	TALYS-6a	0	[8]	22
Tm-168(n,4n2p)Ho-163g	TALYS-6a	0		12
Tm-168(n,4n2p)Ho-163m	TALYS-6a	0		12
Tm-168(n,4n2a)Tb-157	TALYS-6a	0	[8]	13
Tm-168(n,4npa)Dy-160	TALYS-6a	0	[8]	14
Tm-168(n,5n2p)Ho-162g	TALYS-6a	0		8
Tm-168(n,5n2p)Ho-162m	TALYS-6a	0		8
Tm-169(n,2nd)Er-166	TALYS-6a	0	[8]	27
Tm-169(n,2n)Tm-168	TALYS-5	6		45
Tm-169(n,3n)Tm-167	TALYS-5	4	[3]	32
Tm-169(n,n'a)Ho-165	TALYS-6a	0		100
Tm-169(n,2na)Ho-164g	TALYS-6a	0		39
Tm-169(n,2na)Ho-164m	TALYS-6a	0		38
Tm-169(n,3na)Ho-163g	TALYS-6a	0		28
Tm-169(n,3na)Ho-163m	TALYS-6a	0		28
Tm-169(n,n'p)Er-168	TALYS-6a	0	[8]	52
Tm-169(n,n'2a)Tb-161	TALYS-6a	0		100
Tm-169(n,2n2a)Tb-160	TALYS-6a	0	[8]	26
Tm-169(n,n'd)Er-167g	TALYS-6a	0		35
Tm-169(n,n'd)Er-167m	TALYS-6a	0		35
Tm-169(n,n't)Er-166	TALYS-6a	0	[8]	34
Tm-169(n,n'h)Ho-166g	TALYS-6a	0		28
Tm-169(n,n'h)Ho-166m	TALYS-6a	0		28
Tm-169(n,4n)Tm-166	TALYS-5	2		23
Tm-169(n,2np)Er-167g	TALYS-6a	0		32
Tm-169(n,2np)Er-167m	TALYS-6a	0		32
Tm-169(n,3np)Er-166	TALYS-6a	0	[8]	25
Tm-169(n,n'2p)Ho-167	TALYS-6a	0	[8]	28
Tm-169(n,n'pa)Dy-164	TALYS-6a	0	[8]	34
Tm-169(n,g)Tm-170	SIGECN-MASGAM	4	[14,13]	7280
Tm-169(n,p)Er-169	TALYS-6a	0	[2]	100
Tm-169(n,d)Er-168	TALYS-6a	0	[8]	60
Tm-169(n,t)Er-167g	TALYS-6a	0		50
Tm-169(n,t)Er-167m	TALYS-6a	0		49
Tm-169(n,h)Ho-167	TALYS-6a	1	[8]	38
Tm-169(n,a)Ho-166g	ADL-3	2	[13,3,11]	63
+Tm-169(n,a)Ho-166m	ADL-3	2	[13,3,11]	63
+Tm-169(n,2p)Ho-168g	TALYS-6a	0		36
+Tm-169(n,2p)Ho-168m	TALYS-6a	0		36
Tm-169(n,pd)Ho-167	TALYS-6a	0	[8]	29
Tm-169(n,5n)Tm-165	TALYS-6a	0		16
Tm-169(n,6n)Tm-164g	TALYS-6a	0	[4]	12
Tm-169(n,6n)Tm-164m	TALYS-6a	0	[4,7,8]	11
Tm-169(n,2nt)Er-165	TALYS-6a	0	[8]	24
Tm-169(n,4np)Er-165	TALYS-6a	0	[8]	17
Tm-169(n,3nd)Er-165	TALYS-6a	0	[8]	19
Tm-169(n,n'da)Dy-163	TALYS-6a	0	[8]	26
Tm-169(n,2npa)Dy-163	TALYS-6a	0	[8]	25
Tm-169(n,7n)Tm-163	TALYS-6a	0		8
Tm-169(n,5np)Er-164	TALYS-6a	0	[8]	13
Tm-169(n,6np)Er-163	TALYS-6a	0		9
Tm-169(n,7np)Er-162	TALYS-6a	0	[8]	5
Tm-169(n,4na)Ho-162g	TALYS-6a	0		20
Tm-169(n,4na)Ho-162m	TALYS-6a	0		20
Tm-169(n,5na)Ho-161g	TALYS-6a	0		14
Tm-169(n,5na)Ho-161m	TALYS-6a	0		14
Tm-169(n,6na)Ho-160g	TALYS-6a	0	[4]	10
Tm-169(n,6na)Ho-160m	TALYS-6a	0	[4,7,8]	9
Tm-169(n,6na)Ho-160n	TALYS-6a	0	[4,7,8]	9
Tm-169(n,7na)Ho-159g	TALYS-6a	0		6
Tm-169(n,7na)Ho-159m	TALYS-6a	0		6
Tm-169(n,4nd)Er-164	TALYS-6a	0	[8]	14
Tm-169(n,5nd)Er-163	TALYS-6a	0	[8]	10
Tm-169(n,6nd)Er-162	TALYS-6a	0	[8]	6
Tm-169(n,3nt)Er-164	TALYS-6a	0	[8]	17
Tm-169(n,4nt)Er-163	TALYS-6a	0	[8]	12
Tm-169(n,5nt)Er-162	TALYS-6a	0	[8]	9
Tm-169(n,6nt)Er-161	TALYS-6a	0	[8]	4
Tm-169(n,2nh)Ho-165	TALYS-6a	0	[8]	22
Tm-169(n,3nh)Ho-164g	TALYS-6a	0		15
Tm-169(n,3nh)Ho-164m	TALYS-6a	0		15
Tm-169(n,4nh)Ho-163g	TALYS-6a	0		12
Tm-169(n,4nh)Ho-163m	TALYS-6a	0		12
Tm-169(n,3n2p)Ho-165	TALYS-6a	0	[8]	15
Tm-169(n,3n2a)Tb-159	TALYS-6a	0	[8]	19
Tm-169(n,3npa)Dy-162	TALYS-6a	0	[8]	18
Tm-169(n,n'pd)Ho-166g	TALYS-6a	0		22
Tm-169(n,n'pd)Ho-166m	TALYS-6a	0		22
Tm-169(n,n'pt)Ho-165	TALYS-6a	0	[8]	21
Tm-169(n,n'dt)Ho-164g	TALYS-6a	0		15
Tm-169(n,n'dt)Ho-164m	TALYS-6a	0		15
Tm-169(n,n'ta)Dy-162	TALYS-6a	0	[8]	25
Tm-169(n,2n2p)Ho-166g	TALYS-6a	0		20
Tm-169(n,2n2p)Ho-166m	TALYS-6a	0		20
Tm-169(n,4n2p)Ho-164g	TALYS-6a	0		11
Tm-169(n,4n2p)Ho-164m	TALYS-6a	0		11
Tm-169(n,4n2a)Tb-158g	TALYS-6a	0		13
Tm-169(n,4n2a)Tb-158m	TALYS-6a	0		13
Tm-169(n,4npa)Dy-161	TALYS-6a	0	[8]	13
Tm-169(n,5n2p)Ho-163g	TALYS-6a	0		8
Tm-169(n,5n2p)Ho-163m	TALYS-6a	0		8
Tm-170(n,2nd)Er-167g	TALYS-6a	0		27
Tm-170(n,2nd)Er-167m	TALYS-6a	0		27
Tm-170(n,2n)Tm-169	TALYS-6a	0		52
Tm-170(n,3n)Tm-168	TALYS-6a	0		32
Tm-170(n,n'a)Ho-166g	TALYS-6a	0		100
Tm-170(n,n'a)Ho-166m	TALYS-6a	0		100
Tm-170(n,2na)Ho-165	TALYS-6a	0	[8]	42
Tm-170(n,3na)Ho-164g	TALYS-6a	0		28
Tm-170(n,3na)Ho-164m	TALYS-6a	0		28
Tm-170(n,n'p)Er-169	TALYS-6a	0	[8]	49
Tm-170(n,n'2a)Tb-162	TALYS-6a	0		100
Tm-170(n,2n2a)Tb-161	TALYS-6a	0	[8]	27
Tm-170(n,n'd)Er-168	TALYS-6a	0	[8]	38
Tm-170(n,n't)Er-167g	TALYS-6a	0		34
Tm-170(n,n't)Er-167m	TALYS-6a	0		34
Tm-170(n,n'h)Ho-167	TALYS-6a	0	[8]	28
Tm-170(n,4n)Tm-167	TALYS-6a	0		25
Tm-170(n,2np)Er-168	TALYS-6a	0	[8]	35
Tm-170(n,3np)Er-167g	TALYS-6a	0		25
Tm-170(n,3np)Er-167m	TALYS-6a	0		25
+Tm-170(n,n'2p)Ho-168g	TALYS-6a	0		27
+Tm-170(n,n'2p)Ho-168m	TALYS-6a	0		26
Tm-170(n,n'pa)Dy-165g	TALYS-6a	0		32
Tm-170(n,n'pa)Dy-165m	TALYS-6a	0		31
Tm-170(n,g)Tm-171	SIGECN-MASGAM	4	[14,13]	871
Tm-170(n,p)Er-170	TALYS-6a	0	[9,2,3]	900

Reaction	Library	Flag	Refs	Value
Tm-170(n,d)Er-169	TALYS-6a	0	[8]	57
Tm-170(n,t)Er-168	TALYS-6a	0	[8]	56
+Tm-170(n,h)Ho-168g	TALYS-6a	0		37
+Tm-170(n,h)Ho-168m	TALYS-6a	0		37
Tm-170(n,a)Ho-167	TALYS-6a	0	[9,2,3]	900
Tm-170(n,2p)Ho-169	TALYS-6a	0	[8]	36
+Tm-170(n,pd)Ho-168g	TALYS-6a	0		28
+Tm-170(n,pd)Ho-168m	TALYS-6a	0		28
Tm-170(n,5n)Tm-166	TALYS-6a	0		16
Tm-170(n,6n)Tm-165	TALYS-6a	0		13
Tm-170(n,2nt)Er-166	TALYS-6a	0	[8]	26
Tm-170(n,4np)Er-166	TALYS-6a	0	[8]	19
Tm-170(n,3nd)Er-166	TALYS-6a	0	[8]	20
Tm-170(n,n'da)Dy-164	TALYS-6a	0	[8]	27
Tm-170(n,2npa)Dy-164	TALYS-6a	0	[8]	26
Tm-170(n,7n)Tm-164g	TALYS-6a	0	[4]	8
Tm-170(n,7n)Tm-164m	TALYS-6a	0	[4,7,8]	7
Tm-170(n,8n)Tm-163	TALYS-6a	0		5
Tm-170(n,5np)Er-165	TALYS-6a	0		14
Tm-170(n,6np)Er-164	TALYS-6a	0	[8]	10
Tm-170(n,7np)Er-163	TALYS-6a	0		6
Tm-170(n,4na)Ho-163g	TALYS-6a	0		22
Tm-170(n,4na)Ho-163m	TALYS-6a	0		21
Tm-170(n,5na)Ho-162g	TALYS-6a	0		15
Tm-170(n,5na)Ho-162m	TALYS-6a	0		15
Tm-170(n,6na)Ho-161g	TALYS-6a	0		11
Tm-170(n,6na)Ho-161m	TALYS-6a	0		11
Tm-170(n,7na)Ho-160g	TALYS-6a	0	[4]	7
Tm-170(n,7na)Ho-160m	TALYS-6a	0	[4,7,8]	5
Tm-170(n,7na)Ho-160n	TALYS-6a	0	[4,7,8]	6
Tm-170(n,4nd)Er-165	TALYS-6a	0	[8]	11
Tm-170(n,5nd)Er-164	TALYS-6a	0	[8]	11
Tm-170(n,6nd)Er-163	TALYS-6a	0	[8]	6
Tm-170(n,3nt)Er-165	TALYS-6a	0	[8]	17
Tm-170(n,4nt)Er-164	TALYS-6a	0	[8]	14
Tm-170(n,5nt)Er-163	TALYS-6a	0	[8]	9
Tm-170(n,6nt)Er-162	TALYS-6a	0	[8]	6
Tm-170(n,2nh)Ho-166g	TALYS-6a	0		22
Tm-170(n,2nh)Ho-166m	TALYS-6a	0		22
Tm-170(n,3nh)Ho-165	TALYS-6a	0	[8]	16
Tm-170(n,4nh)Ho-164g	TALYS-6a	0		12
Tm-170(n,4nh)Ho-164m	TALYS-6a	0		12
Tm-170(n,3n2p)Ho-166g	TALYS-6a	0		15
Tm-170(n,3n2p)Ho-166m	TALYS-6a	0		15
Tm-170(n,3n2a)Tb-160	TALYS-6a	0	[8]	18
Tm-170(n,3npa)Dy-163	TALYS-6a	0	[8]	18
Tm-170(n,n'pd)Ho-167	TALYS-6a	0	[8]	22
Tm-170(n,n'pt)Ho-166g	TALYS-6a	0		21
Tm-170(n,n'pt)Ho-166m	TALYS-6a	0		21
Tm-170(n,n'dt)Ho-165	TALYS-6a	0	[8]	16
Tm-170(n,n'ta)Dy-163	TALYS-6a	0	[8]	25
Tm-170(n,2n2p)Ho-167	TALYS-6a	0	[8]	21
Tm-170(n,4n2p)Ho-165	TALYS-6a	0	[8]	12
Tm-170(n,4n2a)Tb-159	TALYS-6a	0	[8]	14
Tm-170(n,4npa)Dy-162	TALYS-6a	0	[8]	14
Tm-170(n,5n2p)Ho-164g	TALYS-6a	0		8
Tm-170(n,5n2p)Ho-164m	TALYS-6a	0		8
Tm-171(n,2nd)Er-168	TALYS-6a	0	[8]	27
Tm-171(n,2n)Tm-170	TALYS-6a	0		48
Tm-171(n,3n)Tm-169	TALYS-6a	0		33
Tm-171(n,n'a)Ho-167	TALYS-6a	0		100
Tm-171(n,2na)Ho-166g	TALYS-6a	0		39
Tm-171(n,2na)Ho-166m	TALYS-6a	0		39
Tm-171(n,3na)Ho-165	TALYS-6a	0	[8]	29
Tm-171(n,n'p)Er-170	TALYS-6a	0	[8]	48
Tm-171(n,n'2a)Tb-163	TALYS-6a	0		100
Tm-171(n,2n2a)Tb-162	TALYS-6a	0	[8]	25
Tm-171(n,n'd)Er-169	TALYS-6a	0	[8]	35
Tm-171(n,n't)Er-168	TALYS-6a	0	[8]	34
+Tm-171(n,n'h)Ho-168g	TALYS-6a	0		27
+Tm-171(n,n'h)Ho-168m	TALYS-6a	0		27
Tm-171(n,4n)Tm-168	TALYS-6a	0		24
Tm-171(n,2np)Er-169	TALYS-6a	0	[8]	32
Tm-171(n,3np)Er-168	TALYS-6a	0	[8]	26
Tm-171(n,n'2p)Ho-169	TALYS-6a	0	[8]	26
Tm-171(n,n'pa)Dy-166	TALYS-6a	0	[8]	31
>Tm-171(n,g)Tm-172	SIGECN-MASGAM	4	[14,13]	467
Tm-171(n,p)Er-171	TALYS-6a	0	[2,8]	77
Tm-171(n,d)Er-170	TALYS-6a	0	[8]	55
Tm-171(n,t)Er-169	TALYS-6a	0	[8]	48
Tm-171(n,h)Ho-169	TALYS-6a	0	[8]	36
+Tm-171(n,a)Ho-168g	TALYS-6a	0	[2]	100
+Tm-171(n,a)Ho-168m	TALYS-6a	0	[2]	100
Tm-171(n,2p)Ho-170g	TALYS-6a	0		31
Tm-171(n,2p)Ho-170m	TALYS-6a	0		31
Tm-171(n,pd)Ho-169	TALYS-6a	0	[8]	27
Tm-171(n,5n)Tm-167	TALYS-6a	0		17
Tm-171(n,6n)Tm-166	TALYS-6a	0		13
Tm-171(n,2nt)Er-167g	TALYS-6a	0		25
Tm-171(n,2nt)Er-167m	TALYS-6a	0		25
Tm-171(n,4np)Er-167g	TALYS-6a	0		18
Tm-171(n,4np)Er-167m	TALYS-6a	0		18
Tm-171(n,3nd)Er-167g	TALYS-6a	0		19
Tm-171(n,3nd)Er-167m	TALYS-6a	0		19
Tm-171(n,2npa)Dy-165g	TALYS-6a	0		24
Tm-171(n,2npa)Dy-165m	TALYS-6a	0		24
Tm-171(n,7n)Tm-165	TALYS-6a	0		9
Tm-171(n,8n)Tm-164g	TALYS-6a	0	[4]	4
Tm-171(n,8n)Tm-164m	TALYS-6a	0	[4,7,8]	3
Tm-171(n,5np)Er-166	TALYS-6a	0		14
Tm-171(n,6np)Er-165	TALYS-6a	0		10
Tm-171(n,7np)Er-164	TALYS-6a	0		7
Tm-171(n,4na)Ho-164g	TALYS-6a	0		21
Tm-171(n,4na)Ho-164m	TALYS-6a	0		21
Tm-171(n,5na)Ho-163g	TALYS-6a	0		15
Tm-171(n,5na)Ho-163m	TALYS-6a	0		15
Tm-171(n,6na)Ho-162g	TALYS-6a	0		11
Tm-171(n,6na)Ho-162m	TALYS-6a	0		11
Tm-171(n,7na)Ho-161g	TALYS-6a	0		7
Tm-171(n,7na)Ho-161m	TALYS-6a	0		7
Tm-171(n,4nd)Er-166	TALYS-6a	0	[8]	15
Tm-171(n,5nd)Er-165	TALYS-6a	0	[8]	10
Tm-171(n,6nd)Er-164	TALYS-6a	0	[8]	7
Tm-171(n,3nt)Er-166	TALYS-6a	0	[8]	18
Tm-171(n,4nt)Er-165	TALYS-6a	0	[8]	13
Tm-171(n,5nt)Er-164	TALYS-6a	0	[8]	10
Tm-171(n,6nt)Er-163	TALYS-6a	0	[8]	5
Tm-171(n,2nh)Ho-167	TALYS-6a	0	[8]	21
Tm-171(n,3nh)Ho-166g	TALYS-6a	0		15
Tm-171(n,3nh)Ho-166m	TALYS-6a	0		15
Tm-171(n,4nh)Ho-165	TALYS-6a	0	[8]	12
Tm-171(n,3n2p)Ho-167	TALYS-6a	0	[8]	15
Tm-171(n,3n2a)Tb-161	TALYS-6a	0	[8]	19
Tm-171(n,3npa)Dy-164	TALYS-6a	0	[8]	18
+Tm-171(n,n'pd)Ho-168g	TALYS-6a	0		20
+Tm-171(n,n'pd)Ho-168m	TALYS-6a	0		20
Tm-171(n,n'pt)Ho-167	TALYS-6a	0	[8]	21
Tm-171(n,n'ta)Dy-164	TALYS-6a	0	[8]	25
+Tm-171(n,2n2p)Ho-168g	TALYS-6a	0		19
+Tm-171(n,2n2p)Ho-168m	TALYS-6a	0		19
Tm-171(n,4n2p)Ho-166g	TALYS-6a	0		11
Tm-171(n,4n2p)Ho-166m	TALYS-6a	0		12
Tm-171(n,4n2a)Tb-160	TALYS-6a	0	[8]	13
Tm-171(n,4npa)Dy-163	TALYS-6a	0	[8]	13
Tm-171(n,5n2p)Ho-165	TALYS-6a	0	[8]	8
Tm-172(n,2nd)Er-169	TALYS-6a	0	[8]	27
Tm-172(n,2n)Tm-171	TALYS-6a	0		54
Tm-172(n,3n)Tm-170	TALYS-6a	0		34
+Tm-172(n,n'a)Ho-168g	TALYS-6a	0		100
+Tm-172(n,n'a)Ho-168m	TALYS-6a	0		100
Tm-172(n,2na)Ho-167	TALYS-6a	0	[8]	41
Tm-172(n,3na)Ho-166g	TALYS-6a	0		29
Tm-172(n,3na)Ho-166m	TALYS-6a	0		29
Tm-172(n,n'p)Er-171	TALYS-6a	0	[8]	45
Tm-172(n,2n2a)Tb-163	TALYS-6a	0	[8]	26
Tm-172(n,n'd)Er-170	TALYS-6a	0	[8]	37
Tm-172(n,n't)Er-169	TALYS-6a	0	[8]	34
Tm-172(n,n'h)Ho-169	TALYS-6a	0	[8]	27
Tm-172(n,4n)Tm-169	TALYS-6a	0		26
Tm-172(n,2np)Er-170	TALYS-6a	0	[8]	34
Tm-172(n,3np)Er-169	TALYS-6a	0	[8]	25
Tm-172(n,n'2p)Ho-170g	TALYS-6a	0		25
Tm-172(n,n'2p)Ho-170m	TALYS-6a	0		24
Tm-172(n,n'pa)Dy-167	TALYS-6a	0	[8]	30
Tm-172(n,g)Tm-173	MASGAM	0	[14,13]	83
Tm-172(n,p)Er-172	TALYS-6a	0	[2,8]	80
Tm-172(n,d)Er-171	TALYS-6a	0	[8]	53
Tm-172(n,t)Er-170	TALYS-6a	0	[8]	53
Tm-172(n,h)Ho-170g	TALYS-6a	0		34
Tm-172(n,h)Ho-170m	TALYS-6a	0		34
Tm-172(n,a)Ho-169	TALYS-6a	0	[2]	100
Tm-172(n,2p)Ho-171	TALYS-6a	0	[8]	29
Tm-172(n,pd)Ho-170g	TALYS-6a	0		26
Tm-172(n,pd)Ho-170m	TALYS-6a	0		26
Tm-172(n,5n)Tm-168	TALYS-6a	0		18
Tm-172(n,6n)Tm-167	TALYS-6a	0		14
Tm-172(n,2nt)Er-168	TALYS-6a	0	[8]	27
Tm-172(n,4np)Er-168	TALYS-6a	0	[8]	19
Tm-172(n,3nd)Er-168	TALYS-6a	0	[8]	21
Tm-172(n,n'da)Dy-166	TALYS-6a	0	[8]	26
Tm-172(n,2npa)Dy-166	TALYS-6a	0	[8]	25
Tm-172(n,7n)Tm-166	TALYS-6a	0		9
Tm-172(n,8n)Tm-165	TALYS-6a	0		6
Tm-172(n,5np)Er-167g	TALYS-6a	0		14
Tm-172(n,5np)Er-167m	TALYS-6a	0		14
Tm-172(n,6np)Er-166	TALYS-6a	0		11
Tm-172(n,7np)Er-165	TALYS-6a	0		7
Tm-172(n,4na)Ho-165	TALYS-6a	0	[8]	23
Tm-172(n,5na)Ho-164g	TALYS-6a	0		15
Tm-172(n,5na)Ho-164m	TALYS-6a	0		15
Tm-172(n,6na)Ho-163g	TALYS-6a	0		12
Tm-172(n,6na)Ho-163m	TALYS-6a	0		12
Tm-172(n,7na)Ho-162g	TALYS-6a	0		8
Tm-172(n,7na)Ho-162m	TALYS-6a	0		8
Tm-172(n,4nd)Er-167g	TALYS-6a	0		15
Tm-172(n,4nd)Er-167m	TALYS-6a	0		15
Tm-172(n,5nd)Er-166	TALYS-6a	0		12
Tm-172(n,6nd)Er-165	TALYS-6a	0	[8]	7
Tm-172(n,3nt)Er-167g	TALYS-6a	0		19
Tm-172(n,3nt)Er-167m	TALYS-6a	0		18
Tm-172(n,4nt)Er-166	TALYS-6a	0	[8]	14
Tm-172(n,5nt)Er-165	TALYS-6a	0	[8]	10
Tm-172(n,6nt)Er-164	TALYS-6a	0	[8]	7
+Tm-172(n,2nh)Ho-168g	TALYS-6a	0		21
+Tm-172(n,2nh)Ho-168m	TALYS-6a	0		21
Tm-172(n,3nh)Ho-167	TALYS-6a	0	[8]	16
Tm-172(n,4nh)Ho-166g	TALYS-6a	0		12
Tm-172(n,4nh)Ho-166m	TALYS-6a	0		12
+Tm-172(n,3n2p)Ho-168g	TALYS-6a	0		15
+Tm-172(n,3n2p)Ho-168m	TALYS-6a	0		15
Tm-172(n,3n2a)Tb-162	TALYS-6a	0	[8]	18
Tm-172(n,3npa)Dy-165g	TALYS-6a	0		17
Tm-172(n,3npa)Dy-165m	TALYS-6a	0		17
Tm-172(n,n'pd)Ho-169	TALYS-6a	0	[8]	21
Tm-172(n,2n2p)Ho-169	TALYS-6a	0	[8]	20
Tm-172(n,4n2p)Ho-167	TALYS-6a	0	[8]	12
Tm-172(n,4n2a)Tb-161	TALYS-6a	0	[8]	14
Tm-172(n,4npa)Dy-164	TALYS-6a	0	[8]	14
Tm-172(n,5n2p)Ho-166g	TALYS-6a	0		8
Tm-172(n,5n2p)Ho-166m	TALYS-6a	0		8
Tm-173(n,2nd)Er-170	TALYS-6a	0	[8]	27
Tm-173(n,2n)Tm-172	TALYS-6a	0		51
Tm-173(n,3n)Tm-171	TALYS-6a	0		35
Tm-173(n,n'a)Ho-169	TALYS-6a	0		100
Tm-173(n,2na)Ho-168g	TALYS-6a	0		39
Tm-173(n,2na)Ho-168m	TALYS-6a	0		39
Tm-173(n,3na)Ho-167	TALYS-6a	0	[8]	29
Tm-173(n,n'p)Er-172	TALYS-6a	0	[8]	45

Reaction	Method			
Tm-173(n,2n2a)Tb-164	TALYS-6a	0	[8]	20
Tm-173(n,n'd)Er-171	TALYS-6a	0	[8]	34
Tm-173(n,n't)Er-170	TALYS-6a	0	[8]	35
Tm-173(n,n'h)Ho-170g	TALYS-6a	0		26
Tm-173(n,n'h)Ho-170m	TALYS-6a	0		26
Tm-173(n,4n)Tm-170	TALYS-6a	0		26
Tm-173(n,2np)Er-171	TALYS-6a	0	[8]	31
Tm-173(n,3np)Er-170	TALYS-6a	0	[8]	26
Tm-173(n,n'2p)Ho-171	TALYS-6a	0	[8]	24
Tm-173(n,g)Tm-174	TALYS-6a	0	[14]	100
Tm-173(n,p)Er-173	TALYS-6a	2	[2,8]	71
Tm-173(n,d)Er-172	TALYS-6a	0	[8]	52
Tm-173(n,t)Er-171	TALYS-6a	0	[8]	47
Tm-173(n,h)Ho-171	TALYS-6a	0	[8]	31
Tm-173(n,a)Ho-170g	TALYS-6a	0	[2]	100
Tm-173(n,a)Ho-170m	TALYS-6a	0	[2]	100
Tm-173(n,2p)Ho-172	TALYS-6a	0	[8,7,8]	27
Tm-173(n,pd)Ho-171	TALYS-6a	0	[8]	25
Tm-173(n,5n)Tm-169	TALYS-6a	0		19
Tm-173(n,6n)Tm-168	TALYS-6a	0		14
Tm-173(n,2nt)Er-169	TALYS-6a	0	[8]	26
Tm-173(n,4np)Er-169	TALYS-6a	0	[8]	19
Tm-173(n,3nd)Er-169	TALYS-6a	0	[8]	20
Tm-173(n,2npa)Dy-167	TALYS-6a	0	[8]	23
Tm-173(n,7n)Tm-167	TALYS-6a	0		10
Tm-173(n,8n)Tm-166	TALYS-6a	0		6
Tm-173(n,5np)Er-168	TALYS-6a	0	[8]	14
Tm-173(n,6np)Er-167g	TALYS-6a	0		11
Tm-173(n,6np)Er-167m	TALYS-6a	0		11
Tm-173(n,7np)Er-166	TALYS-6a	0		8
Tm-173(n,4na)Ho-166g	TALYS-6a	0		22
Tm-173(n,4na)Ho-166m	TALYS-6a	0		22
Tm-173(n,5na)Ho-165	TALYS-6a	0	[8]	16
Tm-173(n,6na)Ho-164g	TALYS-6a	0		12
Tm-173(n,6na)Ho-164m	TALYS-6a	0		12
Tm-173(n,7na)Ho-163g	TALYS-6a	0		8
Tm-173(n,7na)Ho-163m	TALYS-6a	0		8
Tm-173(n,4nd)Er-168	TALYS-6a	0	[8]	15
Tm-173(n,5nd)Er-167g	TALYS-6a	0		11
Tm-173(n,5nd)Er-167m	TALYS-6a	0		11
Tm-173(n,6nd)Er-166	TALYS-6a	0	[8]	8
Tm-173(n,3nt)Er-168	TALYS-6a	0	[8]	19
Tm-173(n,4nt)Er-167g	TALYS-6a	0		14
Tm-173(n,4nt)Er-167m	TALYS-6a	0		14
Tm-173(n,5nt)Er-166	TALYS-6a	0	[8]	11
Tm-173(n,6nt)Er-165	TALYS-6a	0	[8]	7
Tm-173(n,2nh)Ho-169	TALYS-6a	0	[8]	21
Tm-173(n,3nh)Ho-168g	TALYS-6a	0		15
Tm-173(n,3nh)Ho-168m	TALYS-6a	0		15
Tm-173(n,4nh)Ho-167	TALYS-6a	0	[8]	12
Tm-173(n,3n2p)Ho-169	TALYS-6a	0	[8]	15
Tm-173(n,3n2a)Tb-163	TALYS-6a	0	[8]	18
Tm-173(n,3npa)Dy-166	TALYS-6a	0	[8]	17
Tm-173(n,n'pd)Ho-170g	TALYS-6a	0		19
Tm-173(n,n'pd)Ho-170m	TALYS-6a	0		19
Tm-173(n,2n2p)Ho-170g	TALYS-6a	0		18
Tm-173(n,2n2p)Ho-170m	TALYS-6a	0		18
Tm-173(n,4n2p)Ho-168g	TALYS-6a	0		11
Tm-173(n,4n2p)Ho-168m	TALYS-6a	0		11
Tm-173(n,4n2a)Tb-162	TALYS-6a	0	[8]	13
Tm-173(n,4npa)Dy-165g	TALYS-6a	0		13
Tm-173(n,4npa)Dy-165m	TALYS-6a	0		13
Yb-166(n,2nd)Tm-163	TALYS-6a	0	[8]	25
Yb-166(n,2n)Yb-165	TALYS-6a	0		42
Yb-166(n,3n)Yb-164	TALYS-6a	0		30
Yb-166(n,n'a)Er-162	TALYS-6a	0		100
Yb-166(n,n'3a)Gd-154	TALYS-6a	0		100
Yb-166(n,2na)Er-161	TALYS-6a	0	[8]	39
Yb-166(n,3na)Er-160	TALYS-6a	0	[8]	28
Yb-166(n,n'p)Tm-165	TALYS-6a	0	[8]	50
Yb-166(n,n'2a)Dy-158	TALYS-6a	0		100
Yb-166(n,2n2a)Dy-157	TALYS-6a	0	[8]	29
Yb-166(n,n'd)Tm-164g	TALYS-6a	0	[4,8]	32
Yb-166(n,n'd)Tm-164m	TALYS-6a	0	[4,7,8,8]	31
Yb-166(n,n't)Tm-163	TALYS-6a	0	[8]	30
Yb-166(n,n'h)Er-163	TALYS-6a	0	[8]	30
Yb-166(n,n't2a)Tb-155	TALYS-6a	0	[8]	15
Yb-166(n,4n)Yb-163	TALYS-6a	0		20
Yb-166(n,2np)Tm-164g	TALYS-6a	0	[4,8]	30
Yb-166(n,2np)Tm-164m	TALYS-6a	0	[4,7,8,8]	29
Yb-166(n,3np)Tm-163	TALYS-6a	0	[8]	23
Yb-166(n,n'2p)Er-164	TALYS-6a	0	[8]	33
Yb-166(n,n'pa)Ho-161g	TALYS-6a	0		38
Yb-166(n,n'pa)Ho-161m	TALYS-6a	0		37
Yb-166(n,g)Yb-167	MASGAM	0	[14,13]	83
Yb-166(n,p)Tm-166	TALYS-6a	0	[2]	100
Yb-166(n,d)Tm-165	TALYS-6a	0	[8]	58
Yb-166(n,t)Tm-164g	TALYS-6a	0	[4,8]	44
Yb-166(n,t)Tm-164m	TALYS-6a	0	[4,7,8,8]	43
Yb-166(n,h)Er-164	TALYS-6a	0	[8]	45
Yb-166(n,a)Er-163	TALYS-6a	0	[2]	100
Yb-166(n,2a)Dy-159	TALYS-6a	0	[10]	100
Yb-166(n,2p)Er-165	TALYS-6a	0	[8]	49
Yb-166(n,pa)Ho-162g	TALYS-6a	0		100
Yb-166(n,pa)Ho-162m	TALYS-6a	0		100
Yb-166(n,pd)Er-164	TALYS-6a	0	[8]	35
Yb-166(n,pt)Er-163	TALYS-6a	0	[8]	30
Yb-166(n,da)Ho-161g	TALYS-6a	0		38
Yb-166(n,da)Ho-161m	TALYS-6a	0		37
Yb-166(n,5n)Yb-162	TALYS-6a	0		14
Yb-166(n,6n)Yb-161	TALYS-6a	0		9
Yb-166(n,2nt)Tm-162g	TALYS-6a	0	[4,8,7,8]	21
Yb-166(n,2nt)Tm-162m	TALYS-6a	0	[4,7,8,8]	20
Yb-166(n,ta)Ho-160g	TALYS-6a	0	[4]	32
Yb-166(n,ta)Ho-160m	TALYS-6a	0	[4,7,8]	31
Yb-166(n,ta)Ho-160n	TALYS-6a	0	[4,7,8]	31
Yb-166(n,4np)Tm-162g	TALYS-6a	0	[4,8,7,8]	15
Yb-166(n,4np)Tm-162m	TALYS-6a	0	[4,7,8,8]	14
Yb-166(n,3nd)Tm-162g	TALYS-6a	0	[4,8,7,8]	16
Yb-166(n,3nd)Tm-162m	TALYS-6a	0	[4,7,8,8]	15
Yb-166(n,n'da)Ho-160g	TALYS-6a	0	[4]	26
Yb-166(n,n'da)Ho-160m	TALYS-6a	0	[4,7,8]	25
Yb-166(n,n'da)Ho-160n	TALYS-6a	0	[4,7,8]	25
Yb-166(n,2npa)Ho-160g	TALYS-6a	0	[4]	25
Yb-166(n,2npa)Ho-160m	TALYS-6a	0	[4,7,8]	24
Yb-166(n,2npa)Ho-160n	TALYS-6a	0	[4,7,8]	24
+Yb-166(n,5np)Tm-161g	TALYS-6a	0	[4,8]	11
+Yb-166(n,5np)Tm-161m	TALYS-6a	0	[4,7,8,8]	10
Yb-166(n,6np)Tm-160g	TALYS-6a	0		6
Yb-166(n,6np)Tm-160m	TALYS-6a	0		6
Yb-166(n,4na)Er-159	TALYS-6a	0	[8]	18
Yb-166(n,5na)Er-158	TALYS-6a	0	[8]	14
Yb-166(n,6na)Er-157	TALYS-6a	0	[8,7,8]	8
+Yb-166(n,4nd)Tm-161g	TALYS-6a	0	[4,8]	12
+Yb-166(n,4nd)Tm-161m	TALYS-6a	0	[4,7,8,8]	11
Yb-166(n,5nd)Tm-160g	TALYS-6a	0		7
Yb-166(n,5nd)Tm-160m	TALYS-6a	0		7
+Yb-166(n,3nt)Tm-161g	TALYS-6a	0	[4,8]	15
+Yb-166(n,3nt)Tm-161m	TALYS-6a	0	[4,7,8,8]	14
Yb-166(n,4nt)Tm-160g	TALYS-6a	0		10
Yb-166(n,4nt)Tm-160m	TALYS-6a	0		10
Yb-166(n,5nt)Tm-159	TALYS-6a	0	[8]	6
Yb-166(n,2nh)Er-162	TALYS-6a	0	[8]	23
Yb-166(n,3nh)Er-161	TALYS-6a	0	[8]	15
Yb-166(n,4nh)Er-160	TALYS-6a	0	[8]	12
Yb-166(n,3n2p)Er-162	TALYS-6a	0	[8]	16
Yb-166(n,3n2a)Dy-156	TALYS-6a	0	[8]	21
Yb-166(n,3npa)Ho-159g	TALYS-6a	0		18
Yb-166(n,3npa)Ho-159m	TALYS-6a	0		18
Yb-166(n,n'pd)Er-163	TALYS-6a	0	[8]	24
Yb-166(n,n'pt)Er-162	TALYS-6a	0	[8]	23
Yb-166(n,n'dt)Er-161	TALYS-6a	0	[8]	15
Yb-166(n,n'ph)Ho-162g	TALYS-6a	0		18
Yb-166(n,n'ph)Ho-162m	TALYS-6a	0		18
Yb-166(n,n'ta)Ho-159g	TALYS-6a	0		24
Yb-166(n,n'ta)Ho-159m	TALYS-6a	0		24
Yb-166(n,2n2p)Er-163	TALYS-6a	0	[8]	23
Yb-166(n,4n2p)Er-161	TALYS-6a	0	[8]	12
Yb-166(n,4n2a)Dy-155	TALYS-6a	0	[8]	14
Yb-166(n,4npa)Ho-158g	TALYS-6a	0		12
Yb-166(n,4npa)Ho-158m	TALYS-6a	0		12
Yb-166(n,4npa)Ho-158n	TALYS-6a	0		12
Yb-166(n,n'3p)Ho-163g	TALYS-6a	0		19
Yb-166(n,n'3p)Ho-163m	TALYS-6a	0		19
Yb-166(n,3n2pa)Dy-158	TALYS-6a	0	[8]	12
Yb-166(n,5n2p)Er-160	TALYS-6a	0	[8]	8
Yb-168(n,2nd)Tm-165	TALYS-6a	0	[8]	25
Yb-168(n,2n)Yb-167	ADL-3	6	[13]	45
Yb-168(n,3n)Yb-166	TALYS-6a	0		30
Yb-168(n,n'a)Er-164	TALYS-6a	0		100
Yb-168(n,2na)Er-163	TALYS-6a	0		39
Yb-168(n,3na)Er-162	TALYS-6a	0	[8]	28
Yb-168(n,n'p)Tm-167	TALYS-6a	0	[8]	49
Yb-168(n,n'2a)Dy-160	TALYS-6a	0		100
Yb-168(n,2n2a)Dy-159	TALYS-6a	0	[8]	28
Yb-168(n,n'd)Tm-166	TALYS-6a	0	[8]	32
Yb-168(n,n't)Tm-165	TALYS-6a	0	[8]	30
Yb-168(n,n'h)Er-165	TALYS-6a	0	[8]	29
Yb-168(n,n't2a)Tb-157	TALYS-6a	0	[8]	14
Yb-168(n,4n)Yb-165	TALYS-6a	0		21
Yb-168(n,2np)Tm-166	TALYS-6a	0	[8]	30
Yb-168(n,3np)Tm-165	TALYS-6a	0	[8]	23
Yb-168(n,n'2p)Er-166	TALYS-6a	0	[8]	31
Yb-168(n,n'pa)Ho-163g	TALYS-6a	0		35
Yb-168(n,n'pa)Ho-163m	TALYS-6a	0		34
Yb-168(n,g)Yb-169g	SIGECN-MASGAM	1	[14,13,4,6]	617
Yb-168(n,g)Yb-169m	SIGECN-MASGAM	0	[14,13,4,6]	617
Yb-168(n,p)Tm-168	TALYS-6a	0	[2]	100
Yb-168(n,d)Tm-167	TALYS-6a	0	[8]	56
Yb-168(n,t)Tm-166	TALYS-6a	0	[8]	44
Yb-168(n,h)Er-166	TALYS-6a	0	[8]	43
Yb-168(n,a)Er-165	ADL-3	2	[9,13,3]	621
Yb-168(n,2p)Er-167g	TALYS-6a	0		44
Yb-168(n,2p)Er-167m	TALYS-6a	0		43
Yb-168(n,pa)Ho-164g	TALYS-6a	0		100
Yb-168(n,pa)Ho-164m	TALYS-6a	0		100
Yb-168(n,pd)Er-166	TALYS-6a	0	[8]	33
Yb-168(n,pt)Er-165	TALYS-6a	0	[8]	29
Yb-168(n,da)Ho-163g	TALYS-6a	0		37
Yb-168(n,da)Ho-163m	TALYS-6a	0		35
Yb-168(n,5n)Yb-164	TALYS-6a	0		15
Yb-168(n,6n)Yb-163	TALYS-6a	0		10
Yb-168(n,2nt)Tm-164g	TALYS-6a	0	[4,8]	21
Yb-168(n,2nt)Tm-164m	TALYS-6a	0	[4,7,8,8]	20
Yb-168(n,ta)Ho-162g	TALYS-6a	0		31
Yb-168(n,ta)Ho-162m	TALYS-6a	0		31
Yb-168(n,4np)Tm-164g	TALYS-6a	0	[4,8]	15
Yb-168(n,4np)Tm-164m	TALYS-6a	0	[4,7,8,8]	14
Yb-168(n,3nd)Tm-164g	TALYS-6a	0	[4,8]	16
Yb-168(n,3nd)Tm-164m	TALYS-6a	0	[4,7,8,8]	15
Yb-168(n,n'da)Ho-162g	TALYS-6a	0		26
Yb-168(n,n'da)Ho-162m	TALYS-6a	0		26
Yb-168(n,2npa)Ho-162g	TALYS-6a	0		25
Yb-168(n,2npa)Ho-162m	TALYS-6a	0		25
Yb-168(n,7n)Yb-162	TALYS-6a	0		6
Yb-168(n,5np)Tm-163	TALYS-6a	0		12
Yb-168(n,6np)Tm-162g	TALYS-6a	0	[4,7,8]	7
Yb-168(n,6np)Tm-162m	TALYS-6a	0	[4,7,8]	6
Yb-168(n,4na)Er-161	TALYS-6a	0	[8]	19
Yb-168(n,5na)Er-160	TALYS-6a	0	[8]	14
Yb-168(n,6na)Er-159	TALYS-6a	0	[8]	9
Yb-168(n,4nd)Tm-163	TALYS-6a	0	[8]	12
Yb-168(n,5nd)Tm-162g	TALYS-6a	0	[4,8,7,8]	8
Yb-168(n,5nd)Tm-162m	TALYS-6a	0	[4,7,8,8]	7
Yb-168(n,3nt)Tm-163	TALYS-6a	0	[8]	15
Yb-168(n,4nt)Tm-162g	TALYS-6a	0	[4,8,7,8]	10
Yb-168(n,4nt)Tm-162m	TALYS-6a	0	[4,7,8,8]	9
+Yb-168(n,5nt)Tm-161g	TALYS-6a	0	[4,8]	7

+Yb-168(n,5nt)Tm-161m	TALYS-6a	0 [4,7,8,8]	6	Yb-170(n,n'h)Er-167g	TALYS-6a	0		28
Yb-168(n,2nh)Er-164	TALYS-6a	0 [8]	23	Yb-170(n,n'h)Er-167m	TALYS-6a	0		28
Yb-168(n,3nh)Yb-163	TALYS-6a	0 [8]	15	Yb-170(n,4n)Yb-167	TALYS-6a	0		22
Yb-168(n,4nh)Er-162	TALYS-6a	0 [8]	12	Yb-170(n,2np)Tm-168	TALYS-6a	0 [8]		31
Yb-168(n,3n2p)Er-164	TALYS-6a	0 [8]	16	Yb-170(n,3np)Tm-167	TALYS-6a	0 [8]		24
Yb-168(n,3n2a)Dy-158	TALYS-6a	0 [8]	21	Yb-170(n,n'2p)Er-168	TALYS-6a	0 [8]		30
Yb-168(n,3npa)Ho-161g	TALYS-6a	0	18	Yb-170(n,n'pa)Ho-165	TALYS-6a	0 [8]		34
Yb-168(n,3npa)Ho-161m	TALYS-6a	0	17	Yb-170(n,g)Yb-171	SIGECN-MASGAM	4 [14,13]		2255
Yb-168(n,n'pd)Er-165	TALYS-6a	0 [8]	24	Yb-170(n,p)Tm-170	TALYS-6a	0 [2,8]		80
Yb-168(n,n'pt)Er-164	TALYS-6a	0 [8]	23	Yb-170(n,d)Tm-169	TALYS-6a	0 [8]		53
Yb-168(n,n'dt)Er-163	TALYS-6a	0 [8]	15	Yb-170(n,t)Tm-168	TALYS-6a	0 [8]		44
Yb-168(n,n'ta)Ho-161g	TALYS-6a	0	24	Yb-170(n,h)Er-168	TALYS-6a	0 [8]		41
Yb-168(n,n'ta)Ho-161m	TALYS-6a	0	24	Yb-170(n,a)Er-167g	TALYS-6a	0 [9,2,3]		2294
Yb-168(n,2n2p)Er-165	TALYS-6a	0 [8]	22	Yb-170(n,a)Er-167m	TALYS-6a	0 [9,2,3]		2294
Yb-168(n,4n2p)Er-163	TALYS-6a	0 [8]	12	Yb-170(n,2p)Er-169	TALYS-6a	0 [8]		39
Yb-168(n,4n2a)Dy-157	TALYS-6a	0 [8]	14	Yb-170(n,pd)Er-168	TALYS-6a	0 [8]		31
Yb-168(n,4npa)Ho-160g	TALYS-6a	0 [4]	12	Yb-170(n,da)Ho-165	TALYS-6a	0 [8]		35
Yb-168(n,4npa)Ho-160m	TALYS-6a	0 [4,7,8]	11	Yb-170(n,5n)Yb-166	TALYS-6a	0		16
Yb-168(n,4npa)Ho-160n	TALYS-6a	0 [4,7,8]	11	Yb-170(n,6n)Yb-165	TALYS-6a	0		11
Yb-168(n,5n2p)Er-162	TALYS-6a	0 [8]	8	Yb-170(n,2nt)Tm-166	TALYS-6a	0 [8]		22
Yb-168(n,n')Yb-169m	TALYS-6a	0	91	Yb-170(n,4np)Tm-166	TALYS-6a	0		16
Yb-169(n,2nd)Tm-166	TALYS-6a	0 [8]	25	Yb-170(n,3nd)Tm-166	TALYS-6a	0 [8]		16
Yb-169(n,2n)Yb-168	TALYS-6a	0	51	Yb-170(n,n'da)Ho-164g	TALYS-6a	0		25
Yb-169(n,3n)Yb-167	TALYS-6a	0	30	Yb-170(n,n'da)Ho-164m	TALYS-6a	0		25
Yb-169(n,n'a)Er-165	TALYS-6a	0	100	Yb-170(n,2npa)Ho-164g	TALYS-6a	0		24
Yb-169(n,2na)Er-164	TALYS-6a	0 [8]	43	Yb-170(n,2npa)Ho-164m	TALYS-6a	0		24
Yb-169(n,3na)Er-163	TALYS-6a	0 [8]	28	Yb-170(n,7n)Yb-164	TALYS-6a	0		7
Yb-169(n,n'p)Tm-168	TALYS-6a	0 [8]	49	Yb-170(n,5np)Tm-165	TALYS-6a	0 [8]		12
Yb-169(n,n'2a)Dy-161	TALYS-6a	0	100	Yb-170(n,6np)Tm-164g	TALYS-6a	0 [4]		8
Yb-169(n,2n2a)Dy-160	TALYS-6a	0 [8]	30	Yb-170(n,6np)Tm-164m	TALYS-6a	0 [4,7,8]		7
Yb-169(n,n'd)Tm-167	TALYS-6a	0 [8]	36	Yb-170(n,4na)Er-163	TALYS-6a	0 [8]		19
Yb-169(n,n't)Tm-166	TALYS-6a	0 [8]	31	Yb-170(n,5na)Er-162	TALYS-6a	0 [8]		14
Yb-169(n,n'h)Er-166	TALYS-6a	0 [8]	31	Yb-170(n,6na)Er-161	TALYS-6a	0 [8]		10
Yb-169(n,n'd2a)Tb-159	TALYS-6a	0 [8]	15	Yb-170(n,4nd)Tm-166	TALYS-6a	0 [8]		13
Yb-169(n,4n)Yb-166	TALYS-6a	0	23	Yb-170(n,5nd)Tm-164g	TALYS-6a	0 [4,8]		8
Yb-169(n,2np)Tm-167	TALYS-6a	0 [8]	33	Yb-170(n,5nd)Tm-164m	TALYS-6a	0 [4,7,8,8]		7
Yb-169(n,3np)Tm-166	TALYS-6a	0 [8]	23	Yb-170(n,6nd)Tm-163	TALYS-6a	0 [8]		5
Yb-169(n,n'2p)Er-167g	TALYS-6a	0	30	Yb-170(n,3nt)Tm-165	TALYS-6a	0 [8]		16
Yb-169(n,n'2p)Er-167m	TALYS-6a	0	30	Yb-170(n,4nt)Tm-164g	TALYS-6a	0 [4,8]		11
Yb-169(n,n'pa)Ho-164g	TALYS-6a	0	34	Yb-170(n,4nt)Tm-164m	TALYS-6a	0 [4,7,8,8]		10
Yb-169(n,n'pa)Ho-164m	TALYS-6a	0	34	Yb-170(n,5nt)Tm-163	TALYS-6a	0 [8]		7
Yb-169(n,g)Yb-170	SIGECN-MASGAM	4 [14,13]	1161	Yb-170(n,2nh)Er-166	TALYS-6a	0 [8]		22
Yb-169(n,p)Tm-169	TALYS-6a	0 [9,2,3]	1188	Yb-170(n,3nh)Er-165	TALYS-6a	0 [8]		15
Yb-169(n,d)Tm-168	TALYS-6a	0 [8]	56	Yb-170(n,4nh)Er-164	TALYS-6a	0 [8]		12
Yb-169(n,t)Tm-167	TALYS-6a	0 [8]	50	Yb-170(n,3n2p)Er-166	TALYS-6a	0 [8]		16
Yb-169(n,h)Er-167g	TALYS-6a	0	42	Yb-170(n,3n2a)Dy-160	TALYS-6a	0 [8]		21
Yb-169(n,h)Er-167m	TALYS-6a	0	42	Yb-170(n,3npa)Ho-163g	TALYS-6a	0		17
Yb-169(n,a)Er-166	TALYS-6a	0 [2]	100	Yb-170(n,3npa)Ho-163m	TALYS-6a	0		17
Yb-169(n,2p)Er-168	TALYS-6a	0 [8]	46	Yb-170(n,n'pd)Er-167g	TALYS-6a	0		23
Yb-169(n,pa)Ho-165	TALYS-6a	0	100	Yb-170(n,n'pd)Er-167m	TALYS-6a	0		22
Yb-169(n,pd)Er-167g	TALYS-6a	0	31	Yb-170(n,n'pt)Er-166	TALYS-6a	0 [8]		22
Yb-169(n,pd)Er-167m	TALYS-6a	0	31	Yb-170(n,n'dt)Er-165	TALYS-6a	0 [8]		15
Yb-169(n,pt)Er-166	TALYS-6a	0 [8]	31	Yb-170(n,n'ta)Ho-163g	TALYS-6a	0		24
Yb-169(n,5n)Yb-165	TALYS-6a	0	15	Yb-170(n,n'ta)Ho-163m	TALYS-6a	0		23
Yb-169(n,6n)Yb-164	TALYS-6a	0	12	Yb-170(n,2n2p)Er-167g	TALYS-6a	0		21
Yb-169(n,2nt)Tm-165	TALYS-6a	0 [8]	24	Yb-170(n,2n2p)Er-167m	TALYS-6a	0		21
Yb-169(n,ta)Ho-163g	TALYS-6a	0	35	Yb-170(n,4n2p)Er-165	TALYS-6a	0 [8]		12
Yb-169(n,ta)Ho-163m	TALYS-6a	0	33	Yb-170(n,4n2a)Dy-159	TALYS-6a	0 [8]		14
Yb-169(n,4np)Tm-165	TALYS-6a	0 [8]	16	Yb-170(n,4npa)Ho-162g	TALYS-6a	0		13
Yb-169(n,3nd)Tm-165	TALYS-6a	0 [8]	18	Yb-170(n,4npa)Ho-162m	TALYS-6a	0		13
Yb-169(n,n'da)Ho-163g	TALYS-6a	0	27	Yb-170(n,5n2p)Er-164	TALYS-6a	0 [8]		8
Yb-169(n,n'da)Ho-163m	TALYS-6a	0	27	Yb-171(n,2nd)Tm-168	TALYS-6a	0 [8]		25
Yb-169(n,2npa)Ho-163g	TALYS-6a	0	26	Yb-171(n,2n)Yb-170	TALYS-6a	0		52
Yb-169(n,2npa)Ho-163m	TALYS-6a	0	26	Yb-171(n,3n)Yb-169g	TALYS-6a	0		31
Yb-169(n,7n)Yb-163	TALYS-6a	0	7	Yb-171(n,3n)Yb-169m	TALYS-6a	0		31
Yb-169(n,5np)Tm-164g	TALYS-6a	0 [4]	12	Yb-171(n,n'a)Er-167g	TALYS-6a	0		100
Yb-169(n,5np)Tm-164m	TALYS-6a	0 [4,7,8]	11	Yb-171(n,n'a)Er-167m	TALYS-6a	0		100
Yb-169(n,6np)Tm-163	TALYS-6a	0 [8]	8	Yb-171(n,2na)Er-166	TALYS-6a	0 [8]		43
Yb-169(n,4na)Er-162	TALYS-6a	0 [8]	21	Yb-171(n,3na)Er-165	TALYS-6a	0 [8]		29
Yb-169(n,5na)Er-161	TALYS-6a	0 [8]	14	Yb-171(n,n'p)Tm-170	TALYS-6a	0 [8]		46
Yb-169(n,6na)Er-160	TALYS-6a	0 [8]	10	Yb-171(n,n'2a)Dy-163	TALYS-6a	0		100
Yb-169(n,4nd)Tm-164g	TALYS-6a	0 [4,8]	13	Yb-171(n,2n2a)Dy-162	TALYS-6a	0 [8]		29
Yb-169(n,4nd)Tm-164m	TALYS-6a	0 [4,7,8,8]	12	Yb-171(n,n'd)Tm-169	TALYS-6a	0 [8]		35
Yb-169(n,5nd)Tm-163	TALYS-6a	0 [8]	9	Yb-171(n,n't)Tm-168	TALYS-6a	0 [8]		31
Yb-169(n,3nt)Tm-164g	TALYS-6a	0 [4,8]	15	Yb-171(n,n'h)Er-168	TALYS-6a	0 [8]		30
Yb-169(n,3nt)Tm-164m	TALYS-6a	0 [4,7,8,8]	14	Yb-171(n,4n)Yb-168	TALYS-6a	0		24
Yb-169(n,4nt)Tm-163	TALYS-6a	0 [8]	12	Yb-171(n,2np)Tm-169	TALYS-6a	0 [8]		32
Yb-169(n,5nt)Tm-162g	TALYS-6a	0 [4,8,7,8]	7	Yb-171(n,3np)Tm-168	TALYS-6a	0 [8]		24
Yb-169(n,5nt)Tm-162m	TALYS-6a	0 [4,7,8,8]	6	Yb-171(n,n'2p)Er-169	TALYS-6a	0 [8]		28
Yb-169(n,2nh)Er-165	TALYS-6a	0 [8]	22	Yb-171(n,n'pa)Ho-166g	TALYS-6a	0		31
Yb-169(n,3nh)Er-164	TALYS-6a	0 [8]	16	Yb-171(n,n'pa)Ho-166m	TALYS-6a	0		32
Yb-169(n,4nh)Er-163	TALYS-6a	0 [8]	12	Yb-171(n,g)Yb-172	SIGECN-MASGAM	4 [14,13]		8032
Yb-169(n,3n2p)Er-165	TALYS-6a	0 [8]	16	Yb-171(n,p)Tm-171	TALYS-6a	0 [2]		100
Yb-169(n,3n2a)Dy-159	TALYS-6a	0 [8]	21	Yb-171(n,d)Tm-170	TALYS-6a	0 [8]		53
Yb-169(n,3npa)Ho-162g	TALYS-6a	0	18	Yb-171(n,t)Tm-169	TALYS-6a	0 [8]		49
Yb-169(n,3npa)Ho-162m	TALYS-6a	0	18	Yb-171(n,h)Er-169	TALYS-6a	0 [8]		40
Yb-169(n,n'pd)Er-166	TALYS-6a	0 [8]	25	Yb-171(n,a)Er-168	TALYS-5	2 [9,2,3]		8074
Yb-169(n,n'pt)Er-165	TALYS-6a	0 [8]	22	Yb-171(n,2p)Er-170	TALYS-6a	0 [8]		40
Yb-169(n,n'dt)Er-164	TALYS-6a	0 [8]	16	Yb-171(n,pd)Er-169	TALYS-6a	0 [8]		30
Yb-169(n,n'ta)Ho-162g	TALYS-6a	0	24	Yb-171(n,5n)Yb-167	TALYS-6a	0		16
Yb-169(n,n'ta)Ho-162m	TALYS-6a	0	24	Yb-171(n,6n)Yb-166	TALYS-6a	0		12
Yb-169(n,2n2p)Er-166	TALYS-6a	0 [8]	24	Yb-171(n,2nt)Tm-167	TALYS-6a	0 [8]		24
Yb-169(n,4n2p)Er-164	TALYS-6a	0 [8]	13	Yb-171(n,4np)Tm-167	TALYS-6a	0 [8]		17
Yb-169(n,4n2a)Dy-158	TALYS-6a	0 [8]	15	Yb-171(n,3nd)Tm-167	TALYS-6a	0 [8]		19
Yb-169(n,4npa)Ho-161g	TALYS-6a	0	13	Yb-171(n,n'da)Ho-165	TALYS-6a	0 [8]		27
Yb-169(n,4npa)Ho-161m	TALYS-6a	0	13	Yb-171(n,2npa)Ho-165	TALYS-6a	0 [8]		26
Yb-169(n,5n2p)Er-163	TALYS-6a	0 [8]	8	Yb-171(n,7n)Yb-165	TALYS-6a	0		8
Yb-170(n,2nd)Tm-167	TALYS-6a	0 [8]	25	Yb-171(n,5np)Tm-166	TALYS-6a	0 [8]		12
Yb-170(n,2n)Yb-169g	TALYS-6a	0	44	Yb-171(n,6np)Tm-165	TALYS-6a	0		9
Yb-170(n,2n)Yb-169m	TALYS-6a	0	44	Yb-171(n,4na)Er-164	TALYS-6a	0 [8]		22
Yb-170(n,3n)Yb-168	TALYS-6a	0	31	Yb-171(n,5na)Er-163	TALYS-6a	0 [8]		15
Yb-170(n,n'a)Er-166	TALYS-6a	0	100	Yb-171(n,6na)Er-162	TALYS-6a	0 [8]		11
Yb-170(n,2na)Er-165	TALYS-6a	0 [8]	39	Yb-171(n,7na)Er-161	TALYS-6a	0 [8]		6
Yb-170(n,3na)Er-164	TALYS-6a	0 [8]	28	Yb-171(n,4nd)Tm-166	TALYS-6a	0 [8]		13
Yb-170(n,n'p)Tm-169	TALYS-6a	0 [8]	46	Yb-171(n,5nd)Tm-165	TALYS-6a	0		10
Yb-170(n,n'2a)Dy-162	TALYS-6a	0	100	Yb-171(n,6nd)Tm-164g	TALYS-6a	0 [4,8]		5
Yb-170(n,2n2a)Dy-161	TALYS-6a	0 [8]	27	Yb-171(n,6nd)Tm-164m	TALYS-6a	0 [4,7,8,8]		4
Yb-170(n,n'd)Tm-168	TALYS-6a	0 [8]	32	Yb-171(n,3nt)Tm-166	TALYS-6a	0 [8]		16
Yb-170(n,n't)Tm-167	TALYS-6a	0 [8]	31	Yb-171(n,4nt)Tm-165	TALYS-6a	0 [8]		12

Yb-171(n,5nt)Tm-164g	TALYS-6a	0 [4,8]	8	Yb-173(n,g)Yb-174	SIGECN-MASGAM	4 [14,13]	7628
Yb-171(n,5nt)Tm-164m	TALYS-6a	0 [4,7,8,8]	7	Yb-173(n,p)Tm-173	ADL-3	2 [13,3]	45
Yb-171(n,2nh)Er-167g	TALYS-6a	0	22	Yb-173(n,d)Tm-172	TALYS-6a	0 [8]	50
Yb-171(n,2nh)Er-167m	TALYS-6a	0	22	Yb-173(n,t)Tm-171	TALYS-6a	0 [8]	47
Yb-171(n,3nh)Er-166	TALYS-6a	0 [8]	16	Yb-173(n,h)Er-171	TALYS-6a	0 [8]	37
Yb-171(n,4nh)Er-165	TALYS-6a	0 [8]	12	Yb-173(n,a)Er-170	TALYS-6	2 [9,3]	7664
Yb-171(n,3n2p)Er-167g	TALYS-6a	0	16	Yb-173(n,2p)Er-172	TALYS-6a	0	35
Yb-171(n,3n2p)Er-167m	TALYS-6a	0	15	Yb-173(n,pd)Er-171	TALYS-6a	0 [8]	28
Yb-171(n,3n2a)Dy-161	TALYS-6a	0 [8]	20	Yb-173(n,5n)Yb-169g	TALYS-6a	0	17
Yb-171(n,3npa)Ho-164g	TALYS-6a	0	17	Yb-173(n,5n)Yb-169m	TALYS-6a	0	17
Yb-171(n,3npa)Ho-164m	TALYS-6a	0	17	Yb-173(n,6n)Yb-168	TALYS-6a	0	13
Yb-171(n,n'pd)Er-168	TALYS-6a	0 [8]	24	Yb-173(n,2nt)Tm-169	TALYS-6a	0 [8]	25
Yb-171(n,n'pt)Er-167g	TALYS-6a	0	22	Yb-173(n,4np)Tm-169	TALYS-6a	0 [8]	17
Yb-171(n,n'pt)Er-167m	TALYS-6a	0	21	Yb-173(n,3nd)Tm-169	TALYS-6a	0 [8]	19
Yb-171(n,n'dt)Er-166	TALYS-6a	0 [8]	16	Yb-173(n,n'da)Ho-167	TALYS-6a	0 [8]	26
Yb-171(n,n'ta)Ho-164g	TALYS-6a	0	24	Yb-173(n,2npa)Ho-167	TALYS-6a	0 [8]	24
Yb-171(n,n'ta)Ho-164m	TALYS-6a	0	24	Yb-173(n,7n)Yb-167	TALYS-6a	0	9
Yb-171(n,2n2p)Er-168	TALYS-6a	0 [8]	23	Yb-173(n,8n)Yb-166	TALYS-6a	0	5
Yb-171(n,4n2p)Er-166	TALYS-6a	0 [8]	12	Yb-173(n,5np)Tm-168	TALYS-6a	0	13
Yb-171(n,4n2a)Dy-160	TALYS-6a	0 [8]	15	Yb-173(n,6np)Tm-167	TALYS-6a	0	10
Yb-171(n,4npa)Ho-163g	TALYS-6a	0	13	Yb-173(n,7np)Tm-166	TALYS-6a	0 [8]	5
Yb-171(n,4npa)Ho-163m	TALYS-6a	0	13	Yb-173(n,4na)Er-166	TALYS-6a	0 [8]	22
Yb-171(n,5n2p)Er-165	TALYS-6a	0 [8]	8	Yb-173(n,5na)Er-165	TALYS-6a	0 [8]	15
Yb-172(n,2nd)Tm-169	TALYS-6a	0 [8]	25	Yb-173(n,6na)Er-164	TALYS-6a	0 [8]	12
Yb-172(n,2n)Yb-171	TALYS-6a	0	45	Yb-173(n,7na)Er-163	TALYS-6a	0 [8]	7
Yb-172(n,3n)Yb-170	TALYS-6a	0	32	Yb-173(n,4nd)Tm-168	TALYS-6a	0 [8]	14
Yb-172(n,n'a)Er-168	TALYS-6a	0	100	Yb-173(n,5nd)Tm-167	TALYS-6a	0 [8]	10
Yb-172(n,2na)Er-167g	TALYS-6a	0	40	Yb-173(n,6nd)Tm-166	TALYS-6a	0 [8]	6
Yb-172(n,2na)Er-167m	TALYS-6a	0	39	Yb-173(n,3nt)Tm-168	TALYS-6a	0 [8]	16
Yb-172(n,3na)Er-166	TALYS-6a	0 [8]	29	Yb-173(n,4nt)Tm-167	TALYS-6a	0 [8]	13
Yb-172(n,n'p)Tm-171	TALYS-6a	0 [8]	45	Yb-173(n,5nt)Tm-166	TALYS-6a	0 [8]	9
Yb-172(n,n'2a)Dy-164	TALYS-6a	0	100	Yb-173(n,6nt)Tm-165	TALYS-6a	0 [8]	5
Yb-172(n,2n2a)Dy-163	TALYS-6a	0 [8]	27	Yb-173(n,2nh)Er-169	TALYS-6a	0 [8]	22
Yb-172(n,n'd)Tm-170	TALYS-6a	0 [8]	32	Yb-173(n,3nh)Er-168	TALYS-6a	0 [8]	16
Yb-172(n,n't)Tm-169	TALYS-6a	0 [8]	31	Yb-173(n,4nh)Er-167g	TALYS-6a	0	12
Yb-172(n,n'h)Er-169	TALYS-6a	0 [8]	28	Yb-173(n,4nh)Er-167m	TALYS-6a	0	12
Yb-172(n,4n)Yb-169g	TALYS-6a	0	23	Yb-173(n,3n2p)Er-169	TALYS-6a	0 [8]	15
Yb-172(n,4n)Yb-169m	TALYS-6a	0	23	Yb-173(n,3n2a)Dy-163	TALYS-6a	0 [8]	20
Yb-172(n,2np)Tm-170	TALYS-6a	0 [8]	30	Yb-173(n,3npa)Ho-166g	TALYS-6a	0	17
Yb-172(n,3np)Tm-169	TALYS-6a	0 [8]	24	Yb-173(n,3npa)Ho-166m	TALYS-6a	0	17
Yb-172(n,n'2p)Er-170	TALYS-6a	0 [8]	28	Yb-173(n,n'pd)Er-170	TALYS-6a	0 [8]	22
Yb-172(n,n'pa)Ho-167	TALYS-6a	0 [8]	31	Yb-173(n,n'pt)Er-169	TALYS-6a	0 [8]	21
Yb-172(n,g)Yb-173	SIGECN-MASGAM	4 [14,13]	5340	Yb-173(n,n'ta)Ho-166g	TALYS-6a	0	23
Yb-172(n,p)Tm-172	TALYS-6a	0 [2,8]	75	Yb-173(n,n'ta)Ho-166m	TALYS-6a	0	24
Yb-172(n,d)Tm-171	TALYS-6a	0 [8]	50	Yb-173(n,2n2p)Er-170	TALYS-6a	0 [8]	21
Yb-172(n,t)Tm-170	TALYS-6a	0 [8]	44	Yb-173(n,4n2p)Er-168	TALYS-6a	0 [8]	12
Yb-172(n,h)Er-170	TALYS-6a	0 [8]	38	Yb-173(n,4n2a)Dy-162	TALYS-6a	0 [8]	15
Yb-172(n,a)Er-169	TALYS-5	2 [9,3,3]	5378	Yb-173(n,4npa)Ho-165	TALYS-6a	0 [8]	13
Yb-172(n,2p)Er-171	TALYS-6a	0 [8]	35	Yb-173(n,5n2p)Er-167g	TALYS-6a	0	8
Yb-172(n,pd)Er-170	TALYS-6a	0 [8]	29	Yb-173(n,5n2p)Er-167m	TALYS-6a	0	8
Yb-172(n,5n)Yb-168	TALYS-6a	0	16	Yb-174(n,2nd)Tm-171	TALYS-6a	0 [8]	26
Yb-172(n,6n)Yb-167	TALYS-6a	0	12	Yb-174(n,2n)Yb-173	TALYS-6a	0	48
Yb-172(n,2nt)Tm-168	TALYS-6a	0 [8]	23	Yb-174(n,3n)Yb-172	TALYS-6a	0	34
Yb-172(n,4np)Tm-168	TALYS-6a	0 [8]	16	Yb-174(n,n'a)Er-170	TALYS-6a	0	100
Yb-172(n,3nd)Tm-168	TALYS-6a	0 [8]	17	Yb-174(n,2na)Er-169	TALYS-6a	0 [8]	39
Yb-172(n,n'da)Ho-166g	TALYS-6a	0	24	Yb-174(n,3na)Er-168	TALYS-6a	0 [8]	29
Yb-172(n,n'da)Ho-166m	TALYS-6a	0	24	Yb-174(n,n'p)Tm-173	TALYS-6a	0 [8]	43
Yb-172(n,2npa)Ho-166g	TALYS-6a	0	23	Yb-174(n,2n2a)Dy-165g	TALYS-6a	0	26
Yb-172(n,2npa)Ho-166m	TALYS-6a	0	23	Yb-174(n,2n2a)Dy-165m	TALYS-6a	0	25
Yb-172(n,7n)Yb-166	TALYS-6a	0	8	Yb-174(n,n'd)Tm-172	TALYS-6a	0 [8]	32
Yb-172(n,8n)Yb-165	TALYS-6a	0	4	Yb-174(n,n't)Tm-171	TALYS-6a	0 [8]	31
Yb-172(n,5np)Tm-167	TALYS-6a	0	13	Yb-174(n,n'h)Er-171	TALYS-6a	0 [8]	27
Yb-172(n,6np)Tm-166	TALYS-6a	0 [8]	8	Yb-174(n,4n)Yb-171	TALYS-6a	0	25
Yb-172(n,7np)Tm-165	TALYS-6a	0	5	Yb-174(n,2np)Tm-172	TALYS-6a	0 [8]	30
Yb-172(n,4na)Er-165	TALYS-6a	0 [8]	20	Yb-174(n,3np)Tm-171	TALYS-6a	0 [8]	24
Yb-172(n,5na)Er-164	TALYS-6a	0 [8]	15	Yb-174(n,n'2p)Er-172	TALYS-6a	0 [8]	26
Yb-172(n,6na)Er-163	TALYS-6a	0 [8]	10	Yb-174(n,n'pa)Ho-169	TALYS-6a	0 [8]	30
Yb-172(n,7na)Er-162	TALYS-6a	0 [8]	7	Yb-174(n,g)Yb-175	SIGECN-MASGAM	4 [14,13]	2926
Yb-172(n,4nd)Tm-167	TALYS-6a	0 [8]	13	Yb-174(n,p)Tm-174	ADL-3	6 [13]	44
Yb-172(n,5nd)Tm-166	TALYS-6a	0 [8]	9	Yb-174(n,d)Tm-173	TALYS-6a	0 [8]	47
Yb-172(n,6nd)Tm-165	TALYS-6a	0	6	Yb-174(n,t)Tm-172	TALYS-6a	0 [8]	44
Yb-172(n,3nt)Tm-167	TALYS-6a	0 [8]	16	Yb-174(n,h)Er-172	TALYS-6a	5 [8]	35
Yb-172(n,4nt)Tm-166	TALYS-6a	0 [8]	12	Yb-174(n,a)Er-171	TALYS-5	6 [9,3,3]	2964
Yb-172(n,5nt)Tm-165	TALYS-6a	0 [8]	8	Yb-174(n,2p)Er-173	TALYS-6a	0 [8]	28
Yb-172(n,2nh)Er-168	TALYS-6a	0 [8]	22	Yb-174(n,pd)Er-172	TALYS-6a	0 [8]	27
Yb-172(n,3nh)Er-167g	TALYS-6a	0	15	Yb-174(n,5n)Yb-170	TALYS-6a	0	18
Yb-172(n,3nh)Er-167m	TALYS-6a	0	15	Yb-174(n,6n)Yb-169g	TALYS-6a	0	13
Yb-172(n,4nh)Er-166	TALYS-6a	0 [8]	12	Yb-174(n,6n)Yb-169m	TALYS-6a	0	13
Yb-172(n,3n2p)Er-168	TALYS-6a	0 [8]	15	Yb-174(n,2nt)Tm-170	TALYS-6a	0 [8]	24
Yb-172(n,3n2a)Dy-162	TALYS-6a	0 [8]	20	Yb-174(n,4np)Tm-170	TALYS-6a	0 [8]	17
Yb-172(n,3npa)Ho-165	TALYS-6a	0 [8]	17	Yb-174(n,3nd)Tm-170	TALYS-6a	0 [8]	18
Yb-172(n,n'pd)Er-169	TALYS-6a	0 [8]	21	+Yb-174(n,2npa)Ho-168g	TALYS-6a	0	22
Yb-172(n,n'pt)Er-168	TALYS-6a	0 [8]	22	+Yb-174(n,2npa)Ho-168m	TALYS-6a	0	22
Yb-172(n,n'ta)Ho-165	TALYS-6a	0 [8]	24	Yb-174(n,7n)Yb-168	TALYS-6a	0	9
Yb-172(n,2n2p)Er-169	TALYS-6a	0 [8]	20	Yb-174(n,8n)Yb-167	TALYS-6a	0	5
Yb-172(n,4n2p)Er-167g	TALYS-6a	0	12	Yb-174(n,5np)Tm-169	TALYS-6a	0 [8]	13
Yb-172(n,4n2p)Er-167m	TALYS-6a	0	11	Yb-174(n,6np)Tm-168	TALYS-6a	0 [8]	9
Yb-172(n,4n2a)Dy-161	TALYS-6a	0 [8]	14	Yb-174(n,7np)Tm-167	TALYS-6a	0	6
Yb-172(n,4npa)Ho-164g	TALYS-6a	0	13	Yb-174(n,4na)Er-167g	TALYS-6a	0	21
Yb-172(n,4npa)Ho-164m	TALYS-6a	0	13	Yb-174(n,4na)Er-167m	TALYS-6a	0	21
Yb-172(n,5n2p)Er-166	TALYS-6a	0 [8]	8	Yb-174(n,5na)Er-166	TALYS-6a	0 [8]	16
Yb-173(n,2nd)Tm-170	TALYS-6a	0 [8]	26	Yb-174(n,6na)Er-165	TALYS-6a	0 [8]	11
Yb-173(n,2n)Yb-172	TALYS-6a	0	53	Yb-174(n,7na)Er-164	TALYS-6a	0 [8]	8
Yb-173(n,3n)Yb-171	TALYS-6a	0	33	Yb-174(n,4nd)Tm-169	TALYS-6a	0 [8]	14
Yb-173(n,n'a)Er-169	TALYS-6a	0	100	Yb-174(n,5nd)Tm-168	TALYS-6a	0 [8]	10
Yb-173(n,2na)Er-168	TALYS-6a	0 [8]	42	Yb-174(n,6nd)Tm-167	TALYS-6a	0	7
Yb-173(n,3na)Er-167g	TALYS-6a	0	29	Yb-174(n,3nt)Tm-169	TALYS-6a	0 [8]	17
Yb-173(n,3na)Er-167m	TALYS-6a	0	29	Yb-174(n,4nt)Tm-168	TALYS-6a	0 [8]	13
Yb-173(n,n'p)Tm-172	TALYS-6a	0 [8]	44	Yb-174(n,5nt)Tm-167	TALYS-6a	0 [8]	9
Yb-173(n,2n2a)Dy-164	TALYS-6a	0 [8]	28	Yb-174(n,6nt)Tm-166	TALYS-6a	0 [8]	5
Yb-173(n,n'd)Tm-171	TALYS-6a	0 [8]	35	Yb-174(n,2nh)Er-170	TALYS-6a	0 [8]	21
Yb-173(n,n't)Tm-170	TALYS-6a	0 [8]	31	Yb-174(n,3nh)Er-169	TALYS-6a	0 [8]	15
Yb-173(n,n'h)Er-170	TALYS-6a	0 [8]	28	Yb-174(n,4nh)Er-168	TALYS-6a	0 [8]	12
Yb-173(n,4n)Yb-170	TALYS-6a	0	25	Yb-174(n,3n2p)Er-170	TALYS-6a	0 [8]	15
Yb-173(n,2np)Tm-171	TALYS-6a	0 [8]	32	Yb-174(n,3n2a)Dy-164	TALYS-6a	0 [8]	19
Yb-173(n,3np)Tm-170	TALYS-6a	0 [8]	24	Yb-174(n,3npa)Ho-167	TALYS-6a	0 [8]	16
Yb-173(n,n'2p)Er-171	TALYS-6a	0 [8]	27	Yb-174(n,n'pd)Er-171	TALYS-6a	0 [8]	20
+Yb-173(n,n'pa)Ho-168g	TALYS-6a	0	30	Yb-174(n,n'pt)Er-170	TALYS-6a	0 [8]	20
+Yb-173(n,n'pa)Ho-168m	TALYS-6a	0	30	Yb-174(n,n'ta)Ho-167	TALYS-6a	0 [8]	24

Reaction	Library		Refs	
Yb-174(n,2n2p)Er-171	TALYS-6a	0	[8]	19
Yb-174(n,4n2p)Er-169	TALYS-6a	0	[8]	11
Yb-174(n,4n2a)Dy-163	TALYS-6a	0	[8]	14
Yb-174(n,4npa)Ho-166g	TALYS-6a	0		13
Yb-174(n,4npa)Ho-166m	TALYS-6a	0		13
Yb-174(n,5n2p)Er-168	TALYS-6a	0	[8]	8
Yb-175(n,2nd)Tm-172	TALYS-6a	0	[8]	26
Yb-175(n,2n)Yb-174	TALYS-6a	0		56
Yb-175(n,3n)Yb-173	TALYS-6a	0		35
Yb-175(n,n'a)Er-171	TALYS-6a	0		100
Yb-175(n,2na)Er-170	TALYS-6a	0	[8]	42
Yb-175(n,3na)Er-169	TALYS-6a	0	[8]	29
Yb-175(n,n'p)Tm-174	TALYS-6a	0	[8]	43
Yb-175(n,2n2a)Dy-166	TALYS-6a	0	[8]	26
Yb-175(n,n'd)Tm-173	TALYS-6a	0	[8]	34
Yb-175(n,n't)Tm-172	TALYS-6a	0	[8]	32
Yb-175(n,n'h)Er-172	TALYS-6a	0	[8]	28
Yb-175(n,4n)Yb-172	TALYS-6a	0		27
Yb-175(n,2np)Tm-173	TALYS-6a	0	[8]	31
Yb-175(n,3np)Tm-172	TALYS-6a	0	[8]	24
Yb-175(n,n'2p)Er-173	TALYS-6a	0	[8]	25
>Yb-175(n,g)Yb-176g	TALYS-6a	0		100
>Yb-175(n,g)Yb-176m	TALYS-6a	2		100
Yb-175(n,p)Tm-175	TALYS-6a	0	[2,8]	72
Yb-175(n,d)Tm-174	TALYS-6a	0	[8]	46
Yb-175(n,t)Tm-173	TALYS-6a	0	[8]	47
Yb-175(n,h)Er-173	TALYS-6a	0	[8]	31
Yb-175(n,a)Er-172	TALYS-6	2	[3]	100
Yb-175(n,2p)Er-174	TALYS-6a	0	[8,7,8]	28
Yb-175(n,pd)Er-173	TALYS-6a	0	[8]	26
Yb-175(n,5n)Yb-171	TALYS-6a	0		19
Yb-175(n,6n)Yb-170	TALYS-6a	0		14
Yb-175(n,2nt)Tm-171	TALYS-6a	0	[8]	25
Yb-175(n,4np)Tm-171	TALYS-6a	0	[8]	18
Yb-175(n,3nd)Tm-171	TALYS-6a	0	[8]	20
Yb-175(n,n'da)Ho-169	TALYS-6a	0	[8]	25
Yb-175(n,2npa)Ho-169	TALYS-6a	0	[8]	23
Yb-175(n,7n)Yb-169g	TALYS-6a	0		10
Yb-175(n,7n)Yb-169m	TALYS-6a	0		10
Yb-175(n,8n)Yb-168	TALYS-6a	0		7
Yb-175(n,5np)Tm-170	TALYS-6a	0		14
Yb-175(n,6np)Tm-169	TALYS-6a	0	[8]	10
Yb-175(n,7np)Tm-168	TALYS-6a	0		7
Yb-175(n,4na)Er-168	TALYS-6a	0	[8]	23
Yb-175(n,5na)Er-167g	TALYS-6a	0		16
Yb-175(n,5na)Er-167m	TALYS-6a	0		16
Yb-175(n,6na)Er-166	TALYS-6a	0	[8]	13
Yb-175(n,7na)Er-165	TALYS-6a	0	[8]	8
Yb-175(n,4nd)Tm-170	TALYS-6a	0	[8]	14
Yb-175(n,5nd)Tm-169	TALYS-6a	0	[8]	11
Yb-175(n,6nd)Tm-168	TALYS-6a	0	[8]	7
Yb-175(n,3nt)Tm-170	TALYS-6a	0	[8]	18
Yb-175(n,4nt)Tm-169	TALYS-6a	0	[8]	14
Yb-175(n,5nt)Tm-168	TALYS-6a	0	[8]	10
Yb-175(n,6nt)Tm-167	TALYS-6a	0	[8]	6
Yb-175(n,2nh)Er-171	TALYS-6a	0	[8]	21
Yb-175(n,3nh)Er-170	TALYS-6a	0	[8]	16
Yb-175(n,4nh)Er-169	TALYS-6a	0	[8]	13
Yb-175(n,3n2p)Er-171	TALYS-6a	0	[8]	15
Yb-175(n,3n2a)Dy-165g	TALYS-6a	0		19
Yb-175(n,3n2a)Dy-165m	TALYS-6a	0		18
+Yb-175(n,3npa)Ho-168g	TALYS-6a	0		16
+Yb-175(n,3npa)Ho-168m	TALYS-6a	0		16
Yb-175(n,n'pd)Er-172	TALYS-6a	0	[8]	21
Yb-175(n,2n2p)Er-172	TALYS-6a	0	[8]	20
Yb-175(n,4n2p)Er-170	TALYS-6a	0	[8]	12
Yb-175(n,4n2a)Dy-164	TALYS-6a	0	[8]	15
Yb-175(n,4npa)Ho-167	TALYS-6a	0	[8]	13
Yb-175(n,5n2p)Er-169	TALYS-6a	0	[8]	8
Yb-176(n,n')Yb-176m	TALYS-5	5		80
Yb-176(n,2nd)Tm-173	TALYS-6a	0	[8]	26
Yb-176(n,2n)Yb-175	ADL-3	2	[13]	45
Yb-176(n,3n)Yb-174	TALYS-6a	0		36
Yb-176(n,n'a)Er-172	TALYS-6	1		100
Yb-176(n,2na)Er-171	TALYS-6a	0	[8]	40
Yb-176(n,3na)Er-170	TALYS-6a	0	[8]	30
Yb-176(n,n'p)Tm-175	TALYS-6a	0	[8]	42
Yb-176(n,n'd)Tm-174	TALYS-6a	0	[8]	32
Yb-176(n,n't)Tm-173	TALYS-6a	0	[8]	32
Yb-176(n,n'h)Er-173	TALYS-6a	0	[8]	26
Yb-176(n,4n)Yb-173	TALYS-6a	0		26
Yb-176(n,2np)Tm-174	TALYS-6a	0	[8]	30
Yb-176(n,3np)Tm-173	TALYS-6a	0	[8]	25
Yb-176(n,n'2p)Er-174	TALYS-6a	0	[8,7,8]	24
Yb-176(n,n'pa)Ho-171	TALYS-6a	0	[8]	25
Yb-176(n,g)Yb-177g	SIGECN-MASGAM	4	[14,13,4,6]	2189
Yb-176(n,g)Yb-177m	SIGECN-MASGAM	0	[14,7,13,4,6]	2189
Yb-176(n,p)Tm-176	ADL-3	4	[13]	44
Yb-176(n,d)Tm-175	TALYS-6a	0	[8]	45
Yb-176(n,t)Tm-174	TALYS-6a	0	[8]	44
Yb-176(n,h)Er-174	TALYS-6a	0	[8,7,8]	30
Yb-176(n,a)Er-173	TALYS-6a	2	[12,15,15,15,15,15]	2115
Yb-176(n,2p)Er-175	TALYS-6a	0	[8,7,8]	26
Yb-176(n,pd)Er-174	TALYS-6a	0	[8,7,8]	25
Yb-176(n,5n)Yb-172	TALYS-6a	0		20
Yb-176(n,6n)Yb-171	TALYS-6a	0		14
Yb-176(n,2nt)Tm-172	TALYS-6a	0	[8]	25
Yb-176(n,4np)Tm-172	TALYS-6a	0	[8]	18
Yb-176(n,3nd)Tm-172	TALYS-6a	0	[8]	19
Yb-176(n,2npa)Ho-170g	TALYS-6a	0		21
Yb-176(n,2npa)Ho-170m	TALYS-6a	0		21
Yb-176(n,7n)Yb-170	TALYS-6a	0		11
Yb-176(n,8n)Yb-169g	TALYS-6a	0		7
Yb-176(n,8n)Yb-169m	TALYS-6a	0		7
Yb-176(n,5np)Tm-171	TALYS-6a	0		14
Yb-176(n,6np)Tm-170	TALYS-6a	0	[8]	10
Yb-176(n,7np)Tm-169	TALYS-6a	0		7
Yb-176(n,4na)Er-169	TALYS-6a	0	[8]	22
Yb-176(n,5na)Er-168	TALYS-6a	0	[8]	16
Yb-176(n,6na)Er-167g	TALYS-6a	0		12
Yb-176(n,6na)Er-167m	TALYS-6a	0		12
Yb-176(n,7na)Er-166	TALYS-6a	0	[8]	9
Yb-176(n,4nd)Tm-171	TALYS-6a	0	[8]	15
Yb-176(n,5nd)Tm-170	TALYS-6a	0	[8]	11
Yb-176(n,6nd)Tm-169	TALYS-6a	0	[8]	8
Yb-176(n,3nt)Tm-171	TALYS-6a	0	[8]	18
Yb-176(n,4nt)Tm-170	TALYS-6a	0	[8]	14
Yb-176(n,5nt)Tm-169	TALYS-6a	0	[8]	10
Yb-176(n,6nt)Tm-168	TALYS-6a	0	[8]	6
Yb-176(n,2nh)Er-172	TALYS-6a	0	[8]	21
Yb-176(n,3nh)Er-171	TALYS-6a	0	[8]	15
Yb-176(n,4nh)Er-170	TALYS-6a	0	[8]	13
Yb-176(n,3n2p)Er-172	TALYS-6a	0	[8]	15
Yb-176(n,3n2a)Dy-166	TALYS-6a	0	[8]	19
Yb-176(n,3npa)Ho-169	TALYS-6a	0	[8]	16
Yb-176(n,n'pd)Er-173	TALYS-6a	0	[8]	19
Yb-176(n,2n2p)Er-173	TALYS-6a	0	[8]	18
Yb-176(n,4n2p)Er-171	TALYS-6a	0	[8]	11
Yb-176(n,4n2a)Dy-165g	TALYS-6a	0		14
Yb-176(n,4n2a)Dy-165m	TALYS-6a	0		13
+Yb-176(n,4npa)Ho-168g	TALYS-6a	0		13
+Yb-176(n,4npa)Ho-168m	TALYS-6a	0		13
Yb-176(n,5n2p)Er-170	TALYS-6a	0	[8]	9
Lu-169(n,n')Lu-169m	TALYS-6a	0		91
Lu-169(n,2nd)Yb-166	TALYS-6a	0	[8]	27
Lu-169(n,2n)Lu-168g	TALYS-6a	0		43
Lu-169(n,2n)Lu-168m	TALYS-6a	0		43
+Lu-169(n,3n)Lu-167g	TALYS-6a	0	[4]	30
+Lu-169(n,3n)Lu-167m	TALYS-6a	0	[4,7,8]	29
Lu-169(n,n'a)Tm-165	TALYS-6a	0		100
Lu-169(n,n'3a)Tb-157	TALYS-6a	0		100
Lu-169(n,2na)Tm-164g	TALYS-6a	0	[4,8]	39
Lu-169(n,2na)Tm-164m	TALYS-6a	0	[4,7,8,8]	38
Lu-169(n,3na)Tm-163	TALYS-6a	0	[8]	28
Lu-169(n,n'p)Yb-168	TALYS-6a	0	[8]	61
Lu-169(n,n'2a)Ho-161g	TALYS-6a	0		100
Lu-169(n,n'2a)Ho-161m	TALYS-6a	0		100
Lu-169(n,2n2a)Ho-160g	TALYS-6a	0	[4]	29
Lu-169(n,2n2a)Ho-160m	TALYS-6a	0	[4,7,8]	28
Lu-169(n,2n2a)Ho-160n	TALYS-6a	0	[4,7,8]	28
Lu-169(n,n'd)Yb-167	TALYS-6a	0	[8]	36
Lu-169(n,n't)Yb-166	TALYS-6a	0	[8]	34
Lu-169(n,n'h)Tm-166	TALYS-6a	0	[8]	30
Lu-169(n,4n)Lu-166g	TALYS-6a	0		20
Lu-169(n,4n)Lu-166m	TALYS-6a	0		20
Lu-169(n,4n)Lu-166n	TALYS-6a	0		20
Lu-169(n,2np)Yb-167	TALYS-6a	0	[8]	34
Lu-169(n,3np)Yb-166	TALYS-6a	0	[8]	25
Lu-169(n,n'2p)Tm-167	TALYS-6a	0	[8]	33
Lu-169(n,n'pa)Er-164	TALYS-6a	0	[8]	42
Lu-169(n,g)Lu-170g	MASGAM	0	[14,13,4,6]	83
Lu-169(n,g)Lu-170m	MASGAM	0	[14,13,4,6]	83
Lu-169(n,p)Yb-169g	TALYS-6a	0	[2]	100
Lu-169(n,p)Yb-169m	TALYS-6a	0	[2]	100
Lu-169(n,d)Yb-168	TALYS-6a	0	[8]	69
Lu-169(n,t)Yb-167	TALYS-6a	0	[8]	52
Lu-169(n,h)Tm-167	TALYS-6a	0	[8]	45
Lu-169(n,a)Tm-166	TALYS-6a	0	[2]	100
Lu-169(n,2a)Ho-162g	TALYS-6a	0	[10]	100
Lu-169(n,2a)Ho-162m	TALYS-6a	0	[10]	100
Lu-169(n,2p)Tm-168	TALYS-6a	0	[8]	48
Lu-169(n,pa)Er-165	TALYS-6a	0		100
Lu-169(n,pd)Tm-167	TALYS-6a	0	[8]	35
Lu-169(n,pt)Tm-166	TALYS-6a	0	[8]	30
Lu-169(n,da)Er-164	TALYS-6a	0		100
Lu-169(n,5n)Lu-165	TALYS-6a	0		14
Lu-169(n,6n)Lu-164	TALYS-6a	0		10
Lu-169(n,2nt)Yb-165	TALYS-6a	0	[8]	23
Lu-169(n,ta)Er-163	TALYS-6a	0	[8]	37
Lu-169(n,4np)Yb-165	TALYS-6a	0	[8]	16
Lu-169(n,3nd)Yb-165	TALYS-6a	0	[8]	17
Lu-169(n,n'da)Er-163	TALYS-6a	0	[8]	28
Lu-169(n,2npa)Er-163	TALYS-6a	0	[8]	28
Lu-169(n,5np)Yb-164	TALYS-6a	0		13
Lu-169(n,6np)Yb-163	TALYS-6a	0		8
Lu-169(n,4na)Tm-162g	TALYS-6a	0	[4,8,7,8]	18
Lu-169(n,4na)Tm-162m	TALYS-6a	0	[4,7,8,8]	17
+Lu-169(n,5na)Tm-161g	TALYS-6a	0	[4,8]	14
+Lu-169(n,5na)Tm-161m	TALYS-6a	0	[4,7,8,8]	13
Lu-169(n,6na)Tm-160g	TALYS-6a	0		9
Lu-169(n,6na)Tm-160m	TALYS-6a	0		9
Lu-169(n,4nd)Yb-164	TALYS-6a	0	[8]	13
Lu-169(n,5nd)Yb-163	TALYS-6a	0	[8]	8
Lu-169(n,3nt)Yb-164	TALYS-6a	0	[8]	16
Lu-169(n,4nt)Yb-163	TALYS-6a	0	[8]	11
Lu-169(n,5nt)Yb-162	TALYS-6a	0	[8]	7
Lu-169(n,2nh)Tm-165	TALYS-6a	0	[8]	23
Lu-169(n,3nh)Tm-164g	TALYS-6a	0	[4,8]	15
Lu-169(n,3nh)Tm-164m	TALYS-6a	0	[4,7,8,8]	14
Lu-169(n,4nh)Tm-163	TALYS-6a	0	[8]	12
Lu-169(n,3n2p)Tm-165	TALYS-6a	0	[8]	16
Lu-169(n,3n2a)Ho-159g	TALYS-6a	0		22
Lu-169(n,3n2a)Ho-159m	TALYS-6a	0		21
Lu-169(n,3npa)Er-162	TALYS-6a	0		22
Lu-169(n,n'pd)Tm-166	TALYS-6a	0	[8]	24
Lu-169(n,n'pt)Tm-165	TALYS-6a	0	[8]	23
Lu-169(n,n'dt)Tm-164g	TALYS-6a	0	[4,8]	15
Lu-169(n,n'dt)Tm-164m	TALYS-6a	0	[4,7,8,8]	14
Lu-169(n,n'ph)Er-165	TALYS-6a	0	[8]	20
Lu-169(n,n'ta)Er-162	TALYS-6a	0	[8]	27
Lu-169(n,2n2p)Tm-166	TALYS-6a	0		23
Lu-169(n,4n2p)Tm-164g	TALYS-6a	0	[4,8]	12
Lu-169(n,4n2p)Tm-164m	TALYS-6a	0	[4,7,8,8]	11
Lu-169(n,4n2a)Ho-158g	TALYS-6a	0		14
Lu-169(n,4n2a)Ho-158m	TALYS-6a	0		14
Lu-169(n,4n2a)Ho-158n	TALYS-6a	0		14
Lu-169(n,4npa)Er-161	TALYS-6a	0	[8]	14
Lu-169(n,n'3p)Er-166	TALYS-6a	0	[8]	22

Reaction	Library		Refs	
Lu-169(n,3n2pa)Ho-161g	TALYS-6a	0		13
Lu-169(n,3n2pa)Ho-161m	TALYS-6a	0		12
Lu-169(n,5n2p)Tm-163	TALYS-6a	0	[8]	8
Lu-170(n,n')Lu-170m	TALYS-6a	0		90
Lu-170(n,2nd)Yb-167	TALYS-6a	0	[8]	27
Lu-170(n,2n)Lu-169g	TALYS-6a	0	[15]	49
Lu-170(n,2n)Lu-169m	TALYS-6a	0		49
Lu-170(n,3n)Lu-168g	TALYS-6a	0		30
Lu-170(n,3n)Lu-168m	TALYS-6a	0		30
Lu-170(n,n'a)Tm-166	TALYS-6a	0		100
Lu-170(n,n'3a)Tb-158g	TALYS-6a	0		100
Lu-170(n,n'3a)Tb-158m	TALYS-6a	0		100
Lu-170(n,2na)Tm-165	TALYS-6a	0	[8]	43
Lu-170(n,3na)Tm-164g	TALYS-6a	0	[4,8]	28
Lu-170(n,3na)Tm-164m	TALYS-6a	0	[4,7,8,8]	27
Lu-170(n,n'p)Yb-169g	TALYS-6a	0		59
Lu-170(n,n'p)Yb-169m	TALYS-6a	0		59
Lu-170(n,n'2a)Ho-162g	TALYS-6a	0		100
Lu-170(n,n'2a)Ho-162m	TALYS-6a	0		100
Lu-170(n,2n2a)Ho-161g	TALYS-6a	0		31
Lu-170(n,2n2a)Ho-161m	TALYS-6a	0		30
Lu-170(n,n'd)Yb-168	TALYS-6a	0	[8]	40
Lu-170(n,n't)Yb-167	TALYS-6a	0	[8]	34
Lu-170(n,n'h)Tm-167	TALYS-6a	0	[8]	31
Lu-170(n,n't2a)Dy-159	TALYS-6a	0	[8]	16
+Lu-170(n,4n)Lu-167g	TALYS-6a	0	[4]	22
+Lu-170(n,4n)Lu-167m	TALYS-6a	0	[4,7,8]	22
Lu-170(n,2np)Yb-168	TALYS-6a	0	[8]	37
Lu-170(n,3np)Yb-167	TALYS-6a	0	[8]	25
Lu-170(n,n'2p)Tm-168	TALYS-6a	0	[8]	32
Lu-170(n,n'pa)Er-165	TALYS-6a	0	[8]	40
Lu-170(n,g)Lu-171g	MASGAM	0	[14,13,4,6]	83
Lu-170(n,g)Lu-171m	MASGAM	0	[14,13,4,6]	83
Lu-170(n,p)Yb-170	TALYS-6a	0	[2]	100
Lu-170(n,d)Yb-169g	TALYS-6a	0		67
Lu-170(n,d)Yb-169m	TALYS-6a	0		66
Lu-170(n,t)Yb-168	TALYS-6a	0	[8]	61
Lu-170(n,h)Tm-168	TALYS-6a	0	[8]	44
Lu-170(n,a)Tm-167	TALYS-6a	0	[2]	100
Lu-170(n,2a)Ho-163g	TALYS-6a	0	[10]	100
Lu-170(n,2a)Ho-163m	TALYS-6a	0	[10]	100
Lu-170(n,2p)Tm-169	TALYS-6a	0	[8]	51
Lu-170(n,pa)Er-166	TALYS-6a	0		100
Lu-170(n,pd)Tm-168	TALYS-6a	0	[8]	34
Lu-170(n,pt)Tm-167	TALYS-6a	0	[8]	32
Lu-170(n,da)Er-165	TALYS-6a	0	[8]	42
Lu-170(n,5n)Lu-166g	TALYS-6a	0		15
Lu-170(n,5n)Lu-166m	TALYS-6a	0		15
Lu-170(n,5n)Lu-166n	TALYS-6a	0		15
Lu-170(n,6n)Lu-165	TALYS-6a	0		11
Lu-170(n,2nt)Yb-166	TALYS-6a	0	[8]	25
Lu-170(n,ta)Er-164	TALYS-6a	0	[8]	40
Lu-170(n,4np)Yb-166	TALYS-6a	0	[8]	18
Lu-170(n,3nd)Yb-166	TALYS-6a	0	[8]	20
Lu-170(n,n'da)Er-164	TALYS-6a	0	[8]	30
Lu-170(n,2npa)Er-164	TALYS-6a	0	[8]	29
Lu-170(n,5np)Yb-165	TALYS-6a	0		13
Lu-170(n,6np)Yb-164	TALYS-6a	0		9
Lu-170(n,4na)Tm-163	TALYS-6a	0	[8]	21
Lu-170(n,5na)Tm-162g	TALYS-6a	0	[4,8,7,8]	14
Lu-170(n,5na)Tm-162m	TALYS-6a	0	[4,7,8,8]	13
+Lu-170(n,6na)Tm-161g	TALYS-6a	0	[4,8]	10
+Lu-170(n,6na)Tm-161m	TALYS-6a	0	[4,7,8,8]	9
Lu-170(n,4nd)Yb-165	TALYS-6a	0	[8]	13
Lu-170(n,5nd)Yb-164	TALYS-6a	0	[8]	10
Lu-170(n,3nt)Yb-165	TALYS-6a	0	[8]	16
Lu-170(n,4nt)Yb-164	TALYS-6a	0	[8]	12
Lu-170(n,5nt)Yb-163	TALYS-6a	0	[8]	7
Lu-170(n,2nh)Tm-166	TALYS-6a	0	[8]	23
Lu-170(n,3nh)Tm-165	TALYS-6a	0	[8]	16
Lu-170(n,4nh)Tm-164g	TALYS-6a	0	[4,8]	12
Lu-170(n,4nh)Tm-164m	TALYS-6a	0	[4,7,8,8]	11
Lu-170(n,3n2p)Tm-166	TALYS-6a	0	[8]	16
Lu-170(n,3n2a)Ho-160g	TALYS-6a	0	[4]	21
Lu-170(n,3n2a)Ho-160m	TALYS-6a	0	[4,7,8]	20
Lu-170(n,3n2a)Ho-160n	TALYS-6a	0	[4,7,8]	20
Lu-170(n,3npa)Er-163	TALYS-6a	0	[8]	20
Lu-170(n,n'pd)Tm-167	TALYS-6a	0	[8]	26
Lu-170(n,n'pt)Tm-166	TALYS-6a	0	[8]	22
Lu-170(n,n'dt)Tm-165	TALYS-6a	0	[8]	16
Lu-170(n,n'ph)Er-166	TALYS-6a	0	[8]	21
Lu-170(n,n'ta)Er-163	TALYS-6a	0	[8]	27
Lu-170(n,2n2p)Tm-167	TALYS-6a	0	[8]	25
Lu-170(n,4n2p)Tm-165	TALYS-6a	0	[8]	12
Lu-170(n,4n2a)Ho-159g	TALYS-6a	0		15
Lu-170(n,4n2a)Ho-159m	TALYS-6a	0		15
Lu-170(n,4npa)Er-162	TALYS-6a	0	[8]	15
Lu-170(n,3n2pa)Ho-162g	TALYS-6a	0		12
Lu-170(n,3n2pa)Ho-162m	TALYS-6a	0		12
Lu-170(n,5n2p)Tm-164g	TALYS-6a	0	[4,8]	8
Lu-170(n,5n2p)Tm-164m	TALYS-6a	0	[4,7,8,8]	7
Lu-171(n,n')Lu-171m	TALYS-6a	0		90
Lu-171(n,2nd)Yb-168	TALYS-6a	0	[8]	27
Lu-171(n,2n)Lu-170g	TALYS-6a	0		44
Lu-171(n,2n)Lu-170m	TALYS-6a	0		44
Lu-171(n,3n)Lu-169g	TALYS-6a	0		31
Lu-171(n,3n)Lu-169m	TALYS-6a	0		30
Lu-171(n,n'a)Tm-167	TALYS-6a	0		100
Lu-171(n,n'3a)Tb-159	TALYS-6a	0		100
Lu-171(n,2na)Tm-166	TALYS-6a	0	[8]	39
Lu-171(n,3na)Tm-165	TALYS-6a	0	[8]	28
Lu-171(n,n'p)Yb-170	TALYS-6a	0	[8]	58
Lu-171(n,n'2a)Ho-163g	TALYS-6a	0		100
Lu-171(n,n'2a)Ho-163m	TALYS-6a	0		100
Lu-171(n,2n2a)Ho-162g	TALYS-6a	0		28
Lu-171(n,2n2a)Ho-162m	TALYS-6a	0		29
Lu-171(n,n'd)Yb-169g	TALYS-6a	0		36
Lu-171(n,n'd)Yb-169m	TALYS-6a	0		36
Lu-171(n,n't)Yb-168	TALYS-6a	0	[8]	34
Lu-171(n,n'h)Tm-168	TALYS-6a	0	[8]	29
Lu-171(n,4n)Lu-168g	TALYS-6a	0		21
Lu-171(n,4n)Lu-168m	TALYS-6a	0		21
Lu-171(n,2np)Yb-169g	TALYS-6a	0		34
Lu-171(n,2np)Yb-169m	TALYS-6a	0		34
Lu-171(n,3np)Yb-168	TALYS-6a	0	[8]	26
Lu-171(n,n'2p)Tm-169	TALYS-6a	0	[8]	31
Lu-171(n,n'pa)Er-166	TALYS-6a	0	[8]	40
Lu-171(n,g)Lu-172g	MASGAM	0	[14,13,4,6]	83
Lu-171(n,g)Lu-172m	MASGAM	0	[14,13,4,6]	83
Lu-171(n,p)Yb-171	TALYS-6a	0	[2]	100
Lu-171(n,d)Yb-170	TALYS-6a	0	[8]	66
Lu-171(n,t)Yb-169g	TALYS-6a	0		52
Lu-171(n,t)Yb-169m	TALYS-6a	0		52
Lu-171(n,h)Tm-169	TALYS-6a	0	[8]	42
Lu-171(n,a)Tm-168	TALYS-6a	0	[2]	100
Lu-171(n,2p)Tm-170	TALYS-6a	0	[8]	43
Lu-171(n,pa)Er-167g	TALYS-6a	0		100
Lu-171(n,pa)Er-167m	TALYS-6a	0		100
Lu-171(n,pd)Tm-169	TALYS-6a	0	[8]	32
Lu-171(n,pt)Tm-168	TALYS-6a	0	[8]	30
Lu-171(n,da)Er-166	TALYS-6a	0	[8]	41
+Lu-171(n,5n)Lu-167g	TALYS-6a	0	[4]	15
+Lu-171(n,5n)Lu-167m	TALYS-6a	0	[4,7,8]	14
Lu-171(n,6n)Lu-166g	TALYS-6a	0		10
Lu-171(n,6n)Lu-166m	TALYS-6a	0		10
Lu-171(n,6n)Lu-166n	TALYS-6a	0		10
Lu-171(n,2nt)Yb-167	TALYS-6a	0	[8]	24
Lu-171(n,ta)Er-165	TALYS-6a	0	[8]	36
Lu-171(n,4np)Yb-167	TALYS-6a	0	[8]	17
Lu-171(n,3nd)Yb-167	TALYS-6a	0	[8]	18
Lu-171(n,n'da)Er-165	TALYS-6a	0	[8]	28
Lu-171(n,2npa)Er-165	TALYS-6a	0	[8]	27
Lu-171(n,5np)Yb-166	TALYS-6a	0		13
Lu-171(n,6np)Yb-165	TALYS-6a	0	[8]	8
Lu-171(n,4na)Tm-164g	TALYS-6a	0	[4,8]	19
Lu-171(n,4na)Tm-164m	TALYS-6a	0	[4,7,8,8]	18
Lu-171(n,5na)Tm-163	TALYS-6a	0	[8]	14
Lu-171(n,6na)Tm-162g	TALYS-6a	0	[4,8,7,8]	9
Lu-171(n,6na)Tm-162m	TALYS-6a	0	[4,7,8,8]	8
Lu-171(n,4nd)Yb-166	TALYS-6a	0	[8]	14
Lu-171(n,5nd)Yb-165	TALYS-6a	0	[8]	9
Lu-171(n,3nt)Yb-166	TALYS-6a	0	[8]	16
Lu-171(n,4nt)Yb-165	TALYS-6a	0	[8]	12
Lu-171(n,5nt)Yb-164	TALYS-6a	0	[8]	8
Lu-171(n,2nh)Tm-167	TALYS-6a	0	[8]	23
Lu-171(n,3nh)Tm-166	TALYS-6a	0	[8]	15
Lu-171(n,4nh)Tm-165	TALYS-6a	0	[8]	12
Lu-171(n,3n2p)Tm-167	TALYS-6a	0	[8]	16
Lu-171(n,3n2a)Ho-161g	TALYS-6a	0		21
Lu-171(n,3n2a)Ho-161m	TALYS-6a	0		21
Lu-171(n,3npa)Er-164	TALYS-6a	0	[8]	20
Lu-171(n,n'pd)Tm-168	TALYS-6a	0	[8]	24
Lu-171(n,n'pt)Tm-167	TALYS-6a	0	[8]	23
Lu-171(n,n'dt)Tm-166	TALYS-6a	0	[8]	15
Lu-171(n,n'ta)Er-164	TALYS-6a	0	[8]	27
Lu-171(n,2n2p)Tm-168	TALYS-6a	0	[8]	23
Lu-171(n,4n2p)Tm-166	TALYS-6a	0	[8]	12
Lu-171(n,4n2a)Ho-160g	TALYS-6a	0	[4]	14
Lu-171(n,4n2a)Ho-160m	TALYS-6a	0	[4,7,8]	13
Lu-171(n,4n2a)Ho-160n	TALYS-6a	0	[4,7,8]	13
Lu-171(n,4npa)Er-163	TALYS-6a	0	[8]	14
Lu-171(n,3n2pa)Ho-163g	TALYS-6a	0		12
Lu-171(n,3n2pa)Ho-163m	TALYS-6a	0		11
Lu-171(n,5n2p)Tm-165	TALYS-6a	0	[8]	8
Lu-172(n,n')Lu-172m	TALYS-6a	0		91
Lu-172(n,2nd)Yb-169g	TALYS-6a	0		27
Lu-172(n,2nd)Yb-169m	TALYS-6a	0		27
Lu-172(n,2n)Lu-171g	TALYS-6a	0		50
Lu-172(n,2n)Lu-171m	TALYS-6a	0		50
Lu-172(n,3n)Lu-170g	TALYS-6a	0		31
Lu-172(n,3n)Lu-170m	TALYS-6a	0		31
Lu-172(n,n'a)Tm-168	TALYS-6a	0		100
Lu-172(n,2na)Tm-167	TALYS-6a	0	[8]	43
Lu-172(n,3na)Tm-166	TALYS-6a	0	[8]	28
Lu-172(n,n'p)Yb-171	TALYS-6a	0	[8]	57
Lu-172(n,n'2a)Ho-164g	TALYS-6a	0		100
Lu-172(n,n'2a)Ho-164m	TALYS-6a	0		100
Lu-172(n,2n2a)Ho-163g	TALYS-6a	0		30
Lu-172(n,2n2a)Ho-163m	TALYS-6a	0		29
Lu-172(n,n'd)Yb-170	TALYS-6a	0	[8]	39
Lu-172(n,n't)Yb-169g	TALYS-6a	0		34
Lu-172(n,n't)Yb-169m	TALYS-6a	0		34
Lu-172(n,n'h)Tm-169	TALYS-6a	0	[8]	30
Lu-172(n,4n)Lu-169g	TALYS-6a	0		23
Lu-172(n,4n)Lu-169m	TALYS-6a	0		23
Lu-172(n,2np)Yb-170	TALYS-6a	0	[8]	36
Lu-172(n,3np)Yb-169g	TALYS-6a	0		25
Lu-172(n,3np)Yb-169m	TALYS-6a	0		25
Lu-172(n,n'2p)Tm-170	TALYS-6a	0	[8]	30
Lu-172(n,n'pa)Er-167g	TALYS-6a	0		39
Lu-172(n,n'pa)Er-167m	TALYS-6a	0		38
Lu-172(n,g)Lu-173	MASGAM	0	[14,13]	83
Lu-172(n,p)Yb-172	TALYS-6a	0	[2]	100
Lu-172(n,d)Yb-171	TALYS-6a	0	[8]	64
Lu-172(n,t)Yb-170	TALYS-6a	0	[8]	60
Lu-172(n,h)Tm-170	TALYS-6a	0	[8]	43
Lu-172(n,a)Tm-169	TALYS-6a	0	[2]	100
Lu-172(n,2a)Ho-165	TALYS-6a	0	[10]	100
Lu-172(n,2p)Tm-171	TALYS-6a	0	[8]	44
Lu-172(n,pa)Er-168	TALYS-6a	0		100
Lu-172(n,pd)Tm-170	TALYS-6a	0	[8]	31
Lu-172(n,pt)Tm-169	TALYS-6a	0	[8]	30
Lu-172(n,da)Er-167g	TALYS-6a	0		40
Lu-172(n,da)Er-167m	TALYS-6a	0		39
Lu-172(n,5n)Lu-168g	TALYS-6a	0		15
Lu-172(n,5n)Lu-168m	TALYS-6a	0		15
+Lu-172(n,6n)Lu-167g	TALYS-6a	0	[4]	12
+Lu-172(n,6n)Lu-167m	TALYS-6a	0	[4,7,8]	11

Reaction	Library	Flag	Refs	Value
Lu-172(n,2nt)Yb-168	TALYS-6a	0	[8]	26
Lu-172(n,ta)Er-166	TALYS-6a	0	[8]	39
Lu-172(n,4np)Yb-168	TALYS-6a	0	[8]	19
Lu-172(n,3nd)Yb-168	TALYS-6a	0	[8]	20
Lu-172(n,n'da)Er-166	TALYS-6a	0	[8]	29
Lu-172(n,2npa)Er-166	TALYS-6a	0	[8]	28
Lu-172(n,7n)Lu-166g	TALYS-6a	0		7
Lu-172(n,7n)Lu-166m	TALYS-6a	0		7
Lu-172(n,7n)Lu-166n	TALYS-6a	0		7
Lu-172(n,5np)Yb-167	TALYS-6a	0	[8]	13
Lu-172(n,6np)Yb-166	TALYS-6a	0		10
Lu-172(n,4na)Tm-165	TALYS-6a	0	[8]	21
Lu-172(n,5na)Tm-164g	TALYS-6a	0	[4,8]	14
Lu-172(n,5na)Tm-164m	TALYS-6a	0	[4,7,8,8]	13
Lu-172(n,6na)Tm-163	TALYS-6a	0	[8]	11
Lu-172(n,4nd)Yb-167	TALYS-6a	0	[8]	14
Lu-172(n,5nd)Yb-166	TALYS-6a	0	[8]	10
Lu-172(n,3nt)Yb-167	TALYS-6a	0	[8]	17
Lu-172(n,4nt)Yb-166	TALYS-6a	0	[8]	13
Lu-172(n,5nt)Yb-165	TALYS-6a	0	[8]	8
Lu-172(n,2nh)Tm-168	TALYS-6a	0	[8]	23
Lu-172(n,3nh)Tm-167	TALYS-6a	0	[8]	16
Lu-172(n,4nh)Tm-166	TALYS-6a	0	[8]	12
Lu-172(n,3n2p)Tm-168	TALYS-6a	0	[8]	16
Lu-172(n,3n2a)Ho-162g	TALYS-6a	0		21
Lu-172(n,3n2a)Ho-162m	TALYS-6a	0		21
Lu-172(n,3npa)Er-165	TALYS-6a	0	[8]	20
Lu-172(n,n'pd)Tm-169	TALYS-6a	0	[8]	25
Lu-172(n,n'pt)Tm-168	TALYS-6a	0	[8]	23
Lu-172(n,n'dt)Tm-167	TALYS-6a	0	[8]	16
Lu-172(n,n'ta)Er-165	TALYS-6a	0	[8]	26
Lu-172(n,2n2p)Tm-169	TALYS-6a	0	[8]	23
Lu-172(n,4n2p)Tm-167	TALYS-6a	0	[8]	13
Lu-172(n,4n2a)Ho-161g	TALYS-6a	0		15
Lu-172(n,4n2a)Ho-161m	TALYS-6a	0		15
Lu-172(n,4npa)Er-164	TALYS-6a	0	[8]	15
Lu-172(n,5n2p)Tm-166	TALYS-6a	0	[8]	8
Lu-173(n,2nd)Yb-170	TALYS-6a	0	[8]	27
Lu-173(n,2n)Lu-172g	TALYS-6a	0		45
Lu-173(n,2n)Lu-172m	TALYS-6a	0		45
Lu-173(n,3n)Lu-171g	TALYS-6a	0		31
Lu-173(n,3n)Lu-171m	TALYS-6a	0		31
Lu-173(n,n'a)Tm-169	TALYS-6a	0		100
Lu-173(n,2na)Tm-168	TALYS-6a	0	[8]	40
Lu-173(n,3na)Tm-167	TALYS-6a	0	[8]	29
Lu-173(n,n'p)Yb-172	TALYS-6a	0	[8]	56
Lu-173(n,n'2a)Ho-165	TALYS-6a	0		100
Lu-173(n,2n2a)Ho-164g	TALYS-6a	0		28
Lu-173(n,2n2a)Ho-164m	TALYS-6a	0		28
Lu-173(n,n'd)Yb-171	TALYS-6a	0	[8]	36
Lu-173(n,n't)Yb-170	TALYS-6a	0	[8]	35
Lu-173(n,n'h)Tm-170	TALYS-6a	0	[8]	29
Lu-173(n,4n)Lu-170g	TALYS-6a	0		23
Lu-173(n,4n)Lu-170m	TALYS-6a	0		22
Lu-173(n,2np)Yb-171	TALYS-6a	0	[8]	33
Lu-173(n,3np)Yb-170	TALYS-6a	0	[8]	26
Lu-173(n,n'2p)Tm-171	TALYS-6a	0	[8]	29
Lu-173(n,n'pa)Er-168	TALYS-6a	0	[8]	37
Lu-173(n,g)Lu-174g	MASGAM	0	[14,13,4,6]	83
Lu-173(n,g)Lu-174m	MASGAM	0	[14,13,4,6]	83
Lu-173(n,p)Yb-173	TALYS-6a	0	[2]	100
Lu-173(n,d)Yb-172	TALYS-6a	0	[8]	63
Lu-173(n,t)Yb-171	TALYS-6a	0	[8]	52
Lu-173(n,h)Tm-171	TALYS-6a	0	[8]	40
Lu-173(n,a)Tm-170	TALYS-6a	0	[2]	100
Lu-173(n,2p)Tm-172	TALYS-6a	0	[8]	39
Lu-173(n,pa)Er-169	TALYS-6a	0		100
Lu-173(n,pd)Tm-171	TALYS-6a	0	[8]	30
Lu-173(n,5n)Lu-169g	TALYS-6a	0		16
Lu-173(n,5n)Lu-169m	TALYS-6a	0		16
Lu-173(n,6n)Lu-168g	TALYS-6a	0		11
Lu-173(n,6n)Lu-168m	TALYS-6a	0		11
Lu-173(n,2nt)Yb-169g	TALYS-6a	0		24
Lu-173(n,2nt)Yb-169m	TALYS-6a	0		24
Lu-173(n,4np)Yb-169g	TALYS-6a	0		17
Lu-173(n,4np)Yb-169m	TALYS-6a	0		17
Lu-173(n,3nd)Yb-169g	TALYS-6a	0		19
Lu-173(n,3nd)Yb-169m	TALYS-6a	0		19
Lu-173(n,n'da)Er-167g	TALYS-6a	0		27
Lu-173(n,n'da)Er-167m	TALYS-6a	0		27
Lu-173(n,2npa)Er-167g	TALYS-6a	0		26
Lu-173(n,2npa)Er-167m	TALYS-6a	0		26
+Lu-173(n,7n)Lu-167g	TALYS-6a	0	[4]	7
+Lu-173(n,7n)Lu-167m	TALYS-6a	0	[4,7,8]	6
Lu-173(n,5np)Yb-168	TALYS-6a	0	[8]	13
Lu-173(n,6np)Yb-167	TALYS-6a	0		9
Lu-173(n,7np)Yb-166	TALYS-6a	0	[8]	5
Lu-173(n,4na)Tm-166	TALYS-6a	0	[8]	20
Lu-173(n,5na)Tm-165	TALYS-6a	0	[8]	15
Lu-173(n,6na)Tm-164g	TALYS-6a	0	[4,8]	10
Lu-173(n,6na)Tm-164m	TALYS-6a	0	[4,7,8,8]	9
Lu-173(n,7na)Tm-163	TALYS-6a	0	[8]	6
Lu-173(n,4nd)Yb-168	TALYS-6a	0	[8]	14
Lu-173(n,5nd)Yb-167	TALYS-6a	0	[8]	10
Lu-173(n,6nd)Yb-166	TALYS-6a	0	[8]	6
Lu-173(n,3nt)Yb-168	TALYS-6a	0	[8]	17
Lu-173(n,4nt)Yb-167	TALYS-6a	0	[8]	12
Lu-173(n,5nt)Yb-166	TALYS-6a	0	[8]	9
Lu-173(n,2nh)Tm-169	TALYS-6a	0	[8]	23
Lu-173(n,3nh)Tm-168	TALYS-6a	0	[8]	16
Lu-173(n,4nh)Tm-167	TALYS-6a	0	[8]	12
Lu-173(n,3n2p)Tm-169	TALYS-6a	0	[8]	16
Lu-173(n,3n2a)Ho-163g	TALYS-6a	0		21
Lu-173(n,3n2a)Ho-163m	TALYS-6a	0		20
Lu-173(n,3npa)Er-166	TALYS-6a	0	[8]	20
Lu-173(n,n'pd)Tm-170	TALYS-6a	0	[8]	23
Lu-173(n,n'pt)Tm-169	TALYS-6a	0	[8]	22
Lu-173(n,n'dt)Tm-168	TALYS-6a	0	[8]	16
Lu-173(n,n'ta)Er-166	TALYS-6a	0	[8]	26
Lu-173(n,2n2p)Tm-170	TALYS-6a	0	[8]	22
Lu-173(n,4n2p)Tm-168	TALYS-6a	0	[8]	12
Lu-173(n,4n2a)Ho-162g	TALYS-6a	0		14
Lu-173(n,4n2a)Ho-162m	TALYS-6a	0		14
Lu-173(n,4npa)Er-165	TALYS-6a	0	[8]	14
Lu-173(n,5n2p)Tm-167	TALYS-6a	0	[8]	8
Lu-174(n,n')Lu-174m	TALYS-6a	0		89
Lu-174(n,2nd)Yb-171	TALYS-6a	0	[8]	27
Lu-174(n,2n)Lu-173	TALYS-6a	0		51
Lu-174(n,3n)Lu-172g	TALYS-6a	0		31
Lu-174(n,3n)Lu-172m	TALYS-6a	0		31
Lu-174(n,n'a)Tm-170	TALYS-6a	0		100
Lu-174(n,2na)Tm-169	TALYS-6a	0	[8]	43
Lu-174(n,3na)Tm-168	TALYS-6a	0	[8]	29
Lu-174(n,n'p)Yb-173	TALYS-6a	0	[8]	54
Lu-174(n,n'2a)Ho-166g	TALYS-6a	0		100
Lu-174(n,n'2a)Ho-166m	TALYS-6a	0		100
Lu-174(n,2n2a)Ho-165	TALYS-6a	0	[8]	29
Lu-174(n,n'd)Yb-172	TALYS-6a	0	[8]	38
Lu-174(n,n't)Yb-171	TALYS-6a	0	[8]	34
Lu-174(n,n'h)Tm-171	TALYS-6a	0	[8]	29
Lu-174(n,4n)Lu-171g	TALYS-6a	0		24
Lu-174(n,4n)Lu-171m	TALYS-6a	0		24
Lu-174(n,2np)Yb-172	TALYS-6a	0	[8]	36
Lu-174(n,3np)Yb-171	TALYS-6a	0	[8]	26
Lu-174(n,n'2p)Tm-172	TALYS-6a	0	[8]	28
Lu-174(n,n'pa)Er-169	TALYS-6a	0	[8]	35
Lu-174(n,g)Lu-175	MASGAM	0	[14,13]	83
Lu-174(n,p)Yb-174	TALYS-6a	0	[2]	100
Lu-174(n,d)Yb-173	TALYS-6a	0	[8]	61
Lu-174(n,t)Yb-172	TALYS-6a	0	[8]	58
Lu-174(n,h)Tm-172	TALYS-6a	0	[8]	40
Lu-174(n,a)Tm-171	TALYS-6a	0	[2]	100
Lu-174(n,2p)Tm-173	TALYS-6a	0	[8]	39
Lu-174(n,pd)Tm-172	TALYS-6a	0	[8]	29
Lu-174(n,5n)Lu-170g	TALYS-6a	0		16
Lu-174(n,5n)Lu-170m	TALYS-6a	0		16
Lu-174(n,6n)Lu-169g	TALYS-6a	0		12
Lu-174(n,6n)Lu-169m	TALYS-6a	0		12
Lu-174(n,2nt)Yb-170	TALYS-6a	0	[8]	26
Lu-174(n,4np)Yb-170	TALYS-6a	0	[8]	19
Lu-174(n,3nd)Yb-170	TALYS-6a	0	[8]	20
Lu-174(n,n'da)Er-168	TALYS-6a	0	[8]	28
Lu-174(n,2npa)Er-168	TALYS-6a	0	[8]	27
Lu-174(n,7n)Lu-168g	TALYS-6a	0		8
Lu-174(n,7n)Lu-168m	TALYS-6a	0		8
Lu-174(n,5np)Yb-169g	TALYS-6a	0		14
Lu-174(n,5np)Yb-169m	TALYS-6a	0		13
Lu-174(n,6np)Yb-168	TALYS-6a	0	[8]	10
Lu-174(n,7np)Yb-167	TALYS-6a	0		6
Lu-174(n,4na)Tm-167	TALYS-6a	0	[8]	22
Lu-174(n,5na)Tm-166	TALYS-6a	0	[8]	15
Lu-174(n,6na)Tm-165	TALYS-6a	0	[8]	11
Lu-174(n,4nd)Yb-169g	TALYS-6a	0		14
Lu-174(n,4nd)Yb-169m	TALYS-6a	0		14
Lu-174(n,5nd)Yb-168	TALYS-6a	0	[8]	11
Lu-174(n,6nd)Yb-167	TALYS-6a	0	[8]	6
Lu-174(n,3nt)Yb-169g	TALYS-6a	0		17
Lu-174(n,3nt)Yb-169m	TALYS-6a	0		17
Lu-174(n,4nt)Yb-168	TALYS-6a	0	[8]	13
Lu-174(n,5nt)Yb-167	TALYS-6a	0	[8]	9
Lu-174(n,6nt)Yb-166	TALYS-6a	0	[8]	5
Lu-174(n,2nh)Tm-170	TALYS-6a	0	[8]	22
Lu-174(n,3nh)Tm-169	TALYS-6a	0	[8]	16
Lu-174(n,4nh)Tm-168	TALYS-6a	0	[8]	12
Lu-174(n,3n2p)Tm-170	TALYS-6a	0	[8]	16
Lu-174(n,3n2a)Ho-164g	TALYS-6a	0		20
Lu-174(n,3n2a)Ho-164m	TALYS-6a	0		20
Lu-174(n,3npa)Er-167g	TALYS-6a	0		19
Lu-174(n,3npa)Er-167m	TALYS-6a	0		19
Lu-174(n,n'pd)Tm-171	TALYS-6a	0	[8]	23
Lu-174(n,n'pt)Tm-170	TALYS-6a	0	[8]	22
Lu-174(n,n'dt)Tm-169	TALYS-6a	0	[8]	16
Lu-174(n,n'ta)Er-167g	TALYS-6a	0		26
Lu-174(n,n'ta)Er-167m	TALYS-6a	0		26
Lu-174(n,2n2p)Tm-171	TALYS-6a	0	[8]	22
Lu-174(n,4n2p)Tm-169	TALYS-6a	0	[8]	12
Lu-174(n,4n2a)Ho-163g	TALYS-6a	0		15
Lu-174(n,4n2a)Ho-163m	TALYS-6a	0		15
Lu-174(n,4npa)Er-166	TALYS-6a	0	[8]	15
Lu-174(n,5n2p)Tm-168	TALYS-6a	0	[8]	9
Lu-174m(n,n')Lu-174g	TALYS-6a	0	[8]	97
Lu-174m(n,2nd)Yb-171	TALYS-6a	0	[8]	27
Lu-174m(n,2n)Lu-173	TALYS-6a	0		52
Lu-174m(n,3n)Lu-172g	TALYS-6a	0		32
Lu-174m(n,3n)Lu-172m	TALYS-6a	0		32
Lu-174m(n,n'a)Tm-170	TALYS-6a	0		100
Lu-174m(n,2na)Tm-169	TALYS-6a	0	[8]	43
Lu-174m(n,3na)Tm-168	TALYS-6a	0	[8]	29
Lu-174m(n,n'p)Yb-173	TALYS-6a	0	[8]	54
Lu-174m(n,n'2a)Ho-166g	TALYS-6a	0		100
Lu-174m(n,n'2a)Ho-166m	TALYS-6a	0		100
Lu-174m(n,2n2a)Ho-165	TALYS-6a	0	[8]	30
Lu-174m(n,n'd)Yb-172	TALYS-6a	0	[8]	39
Lu-174m(n,n't)Yb-171	TALYS-6a	0	[8]	35
Lu-174m(n,n'h)Tm-171	TALYS-6a	0	[8]	30
Lu-174m(n,4n)Lu-171g	TALYS-6a	0		25
Lu-174m(n,4n)Lu-171m	TALYS-6a	0		25
Lu-174m(n,2np)Yb-172	TALYS-6a	0	[8]	36
Lu-174m(n,3np)Yb-171	TALYS-6a	0	[8]	26
Lu-174m(n,n'2p)Tm-172	TALYS-6a	0	[8]	28
Lu-174m(n,n'pa)Er-169	TALYS-6a	0	[8]	35
Lu-174m(n,g)Lu-175	MASGAM	0	[14,13]	83
Lu-174m(n,p)Yb-174	TALYS-6a	0	[2]	100
Lu-174m(n,d)Yb-173	TALYS-6a	0	[8]	61
Lu-174m(n,t)Yb-172	TALYS-6a	0	[8]	58
Lu-174m(n,h)Tm-172	TALYS-6a	0	[8]	38
Lu-174m(n,a)Tm-171	TALYS-6a	0	[2]	100
Lu-174m(n,2p)Tm-173	TALYS-6a	0	[8]	39

Reaction	Library	Flag	Refs	Value
Lu-174m(n,pd)Tm-172	TALYS-6a	0	[8]	29
Lu-174m(n,5n)Lu-170g	TALYS-6a	0		16
Lu-174m(n,5n)Lu-170m	TALYS-6a	0		16
Lu-174m(n,6n)Lu-169g	TALYS-6a	0		13
Lu-174m(n,6n)Lu-169m	TALYS-6a	0		13
Lu-174m(n,2nt)Yb-170	TALYS-6a	0	[8]	26
Lu-174m(n,4np)Yb-170	TALYS-6a	0	[8]	19
Lu-174m(n,3nd)Yb-170	TALYS-6a	0	[8]	21
Lu-174m(n,n'da)Er-168	TALYS-6a	0	[8]	29
Lu-174m(n,2npa)Er-168	TALYS-6a	0	[8]	28
Lu-174m(n,7n)Lu-168g	TALYS-6a	0		8
Lu-174m(n,7n)Lu-168m	TALYS-6a	0		8
Lu-174m(n,5np)Yb-169g	TALYS-6a	0		14
Lu-174m(n,5np)Yb-169m	TALYS-6a	0		14
Lu-174m(n,6np)Yb-168	TALYS-6a	0	[8]	10
Lu-174m(n,7np)Yb-167	TALYS-6a	0		6
Lu-174m(n,4na)Tm-167	TALYS-6a	0	[8]	22
Lu-174m(n,5na)Tm-166	TALYS-6a	0	[8]	15
Lu-174m(n,6na)Tm-165	TALYS-6a	0	[8]	11
Lu-174m(n,4nd)Yb-169g	TALYS-6a	0		14
Lu-174m(n,4nd)Yb-169m	TALYS-6a	0		14
Lu-174m(n,5nd)Yb-168	TALYS-6a	0	[8]	11
Lu-174m(n,6nd)Yb-167	TALYS-6a	0	[8]	6
Lu-174m(n,3nt)Yb-169g	TALYS-6a	0		18
Lu-174m(n,3nt)Yb-169m	TALYS-6a	0		18
Lu-174m(n,4nt)Yb-168	TALYS-6a	0	[8]	13
Lu-174m(n,5nt)Yb-167	TALYS-6a	0	[8]	9
Lu-174m(n,6nt)Yb-166	TALYS-6a	0	[8]	5
Lu-174m(n,2nh)Tm-170	TALYS-6a	0	[8]	22
Lu-174m(n,3nh)Tm-169	TALYS-6a	0	[8]	16
Lu-174m(n,4nh)Tm-168	TALYS-6a	0	[8]	12
Lu-174m(n,3n2p)Tm-170	TALYS-6a	0	[8]	16
Lu-174m(n,3n2a)Ho-164g	TALYS-6a	0		21
Lu-174m(n,3n2a)Ho-164m	TALYS-6a	0		21
Lu-174m(n,3npa)Er-167g	TALYS-6a	0		20
Lu-174m(n,3npa)Er-167m	TALYS-6a	0		19
Lu-174m(n,n'pd)Tm-171	TALYS-6a	0	[8]	24
Lu-174m(n,n'pt)Tm-170	TALYS-6a	0	[8]	22
Lu-174m(n,n'dt)Tm-169	TALYS-6a	0	[8]	16
Lu-174m(n,n'ta)Er-167g	TALYS-6a	0		27
Lu-174m(n,n'ta)Er-167m	TALYS-6a	0		26
Lu-174m(n,2n2p)Tm-171	TALYS-6a	0	[8]	22
Lu-174m(n,4n2p)Tm-169	TALYS-6a	0	[8]	12
Lu-174m(n,4n2a)Ho-163g	TALYS-6a	0		15
Lu-174m(n,4n2a)Ho-163m	TALYS-6a	0		15
Lu-174m(n,4npa)Er-166	TALYS-6a	0	[8]	15
Lu-174m(n,5n2p)Tm-168	TALYS-6a	0	[8]	9
Lu-175(n,2nd)Yb-172	TALYS-6a	0	[8]	27
Lu-175(n,2n)Lu-174g	TALYS-5	5	[3]	47
Lu-175(n,2n)Lu-174m	TALYS-5	4	[3]	46
Lu-175(n,3n)Lu-173	TALYS-5	5		32
Lu-175(n,n'a)Tm-171	TALYS-6a	0		100
Lu-175(n,2na)Tm-170	TALYS-6a	0	[8]	41
Lu-175(n,3na)Tm-169	TALYS-6a	0	[8]	29
Lu-175(n,n'p)Yb-174	TALYS-6a	0	[8]	53
Lu-175(n,n'2a)Ho-167	TALYS-6a	0		100
Lu-175(n,2n2a)Ho-166g	TALYS-6a	0		26
Lu-175(n,2n2a)Ho-166m	TALYS-6a	0		27
Lu-175(n,n'd)Yb-173	TALYS-6a	0	[8]	36
Lu-175(n,n't)Yb-172	TALYS-6a	0	[8]	35
Lu-175(n,n'h)Tm-172	TALYS-6a	0	[8]	28
Lu-175(n,4n)Lu-172g	TALYS-6a	0		24
Lu-175(n,4n)Lu-172m	TALYS-6a	0		24
Lu-175(n,2np)Yb-173	TALYS-6a	0	[8]	33
Lu-175(n,3np)Yb-172	TALYS-6a	0	[8]	26
Lu-175(n,n'2p)Tm-173	TALYS-6a	0	[8]	27
Lu-175(n,n'pa)Er-170	TALYS-6a	0	[8]	34
Lu-175(n,g)Lu-176g	ENDF/B-VI.7	2	[13,4,6]	6595
Lu-175(n,g)Lu-176m	ENDF/B-VI.7	6	[13,4,6]	6595
Lu-175(n,p)Yb-175	TALYS-6	2		100
Lu-175(n,d)Yb-174	TALYS-6a	0	[8]	60
Lu-175(n,t)Yb-173	TALYS-6a	0	[8]	52
Lu-175(n,h)Tm-173	TALYS-6a	0	[8]	38
Lu-175(n,a)Tm-172	TALYS-5	2	[9,3,3]	17886
Lu-175(n,2p)Tm-174	TALYS-6a	0	[8]	31
Lu-175(n,pd)Tm-173	TALYS-6a	0	[8]	29
Lu-175(n,5n)Lu-171g	TALYS-6a	0		17
Lu-175(n,5n)Lu-171m	TALYS-6a	0		17
Lu-175(n,6n)Lu-170g	TALYS-6a	0		12
Lu-175(n,6n)Lu-170m	TALYS-6a	0		12
Lu-175(n,2nt)Yb-171	TALYS-6a	0	[8]	25
Lu-175(n,4np)Yb-171	TALYS-6a	0	[8]	18
Lu-175(n,3nd)Yb-171	TALYS-6a	0	[8]	19
Lu-175(n,n'da)Er-169	TALYS-6a	0	[8]	27
Lu-175(n,2npa)Er-169	TALYS-6a	0	[8]	25
Lu-175(n,7n)Lu-169g	TALYS-6a	0		9
Lu-175(n,7n)Lu-169m	TALYS-6a	0		9
Lu-175(n,5np)Yb-170	TALYS-6a	0		14
Lu-175(n,6np)Yb-169g	TALYS-6a	0		10
Lu-175(n,6np)Yb-169m	TALYS-6a	0		10
Lu-175(n,7np)Yb-168	TALYS-6a	0	[8]	6
Lu-175(n,4na)Tm-168	TALYS-6a	0	[8]	21
Lu-175(n,5na)Tm-167	TALYS-6a	0	[8]	15
Lu-175(n,6na)Tm-166	TALYS-6a	0	[8]	11
Lu-175(n,7na)Tm-165	TALYS-6a	0	[8]	7
Lu-175(n,4nd)Yb-170	TALYS-6a	0	[8]	15
Lu-175(n,5nd)Yb-169g	TALYS-6a	0		10
Lu-175(n,5nd)Yb-169m	TALYS-6a	0		10
Lu-175(n,6nd)Yb-168	TALYS-6a	0	[8]	7
Lu-175(n,3nt)Yb-170	TALYS-6a	0	[8]	18
Lu-175(n,4nt)Yb-169g	TALYS-6a	0		13
Lu-175(n,4nt)Yb-169m	TALYS-6a	0		13
Lu-175(n,5nt)Yb-168	TALYS-6a	0	[8]	9
Lu-175(n,6nt)Yb-167	TALYS-6a	0	[8]	5
Lu-175(n,2nh)Tm-171	TALYS-6a	0	[8]	22
Lu-175(n,3nh)Tm-170	TALYS-6a	0	[8]	15
Lu-175(n,4nh)Tm-169	TALYS-6a	0	[8]	12
Lu-175(n,3n2p)Tm-171	TALYS-6a	0	[8]	15
Lu-175(n,3n2a)Ho-165	TALYS-6a	0	[8]	21
Lu-175(n,3npa)Er-168	TALYS-6a	0	[8]	19
Lu-175(n,n'pd)Tm-172	TALYS-6a	0	[8]	22
Lu-175(n,n'pt)Tm-171	TALYS-6a	0	[8]	22
Lu-175(n,n'dt)Tm-170	TALYS-6a	0	[8]	16
Lu-175(n,n'ta)Er-168	TALYS-6a	0	[8]	26
Lu-175(n,2n2p)Tm-172	TALYS-6a	0	[8]	20
Lu-175(n,4n2p)Tm-170	TALYS-6a	0	[8]	12
Lu-175(n,4n2a)Ho-164g	TALYS-6a	0		14
Lu-175(n,4n2a)Ho-164m	TALYS-6a	0		14
Lu-175(n,4npa)Er-167g	TALYS-6a	0		14
Lu-175(n,4npa)Er-167m	TALYS-6a	0		14
Lu-175(n,5n2p)Tm-169	TALYS-6a	0	[8]	8
Lu-176(n,n')Lu-176m	TALYS-6a	0		89
Lu-176(n,2nd)Yb-173	TALYS-6a	0	[8]	28
Lu-176(n,2n)Lu-175	TALYS-6a	0		54
Lu-176(n,3n)Lu-174g	TALYS-6a	0		33
Lu-176(n,3n)Lu-174m	TALYS-6a	0		33
Lu-176(n,n'a)Tm-172	TALYS-6a	0		100
Lu-176(n,2na)Tm-171	TALYS-6a	0	[8]	43
Lu-176(n,3na)Tm-170	TALYS-6a	0	[8]	30
Lu-176(n,n'p)Yb-175	TALYS-6a	0	[8]	50
Lu-176(n,2n2a)Ho-167	TALYS-6a	0	[8]	28
Lu-176(n,n'd)Yb-174	TALYS-6a	0	[8]	38
Lu-176(n,n't)Yb-173	TALYS-6a	0	[8]	35
Lu-176(n,n'h)Tm-173	TALYS-6a	0	[8]	29
Lu-176(n,4n)Lu-173	TALYS-6a	0		26
Lu-176(n,2np)Yb-174	TALYS-6a	0	[8]	35
Lu-176(n,3np)Yb-173	TALYS-6a	0	[8]	26
Lu-176(n,n'2p)Tm-174	TALYS-6a	0	[8]	27
Lu-176(n,n'pa)Er-171	TALYS-6a	0	[8]	32
>Lu-176(n,g)Lu-177g	ENDF/B-VI.7	4	[13,4,6]	3268
>Lu-176(n,g)Lu-177m	ENDF/B-VI.7	2	[7,13,4,6]	3268
+Lu-176(n,g)Lu-177m	ENDF/B-VI.7	0	[7,13,4,6]	3268
Lu-176(n,p)Yb-176g	TALYS-6a	0	[2]	100
Lu-176(n,p)Yb-176m	TALYS-6a	0	[2]	80
Lu-176(n,d)Yb-175	TALYS-6a	0	[8]	57
Lu-176(n,t)Yb-174	TALYS-6a	0	[8]	57
Lu-176(n,h)Tm-174	TALYS-6a	0	[8]	34
Lu-176(n,a)Tm-173	TALYS-5	2	[9,3,3]	8662
Lu-176(n,2p)Tm-175	TALYS-6a	0	[8]	34
Lu-176(n,pd)Tm-174	TALYS-6a	0	[8]	28
Lu-176(n,da)Er-171	TALYS-6a	0	[8]	35
Lu-176(n,5n)Lu-172g	TALYS-6a	0		17
Lu-176(n,5n)Lu-172m	TALYS-6a	0		17
Lu-176(n,6n)Lu-171g	TALYS-6a	0		13
Lu-176(n,6n)Lu-171m	TALYS-6a	0		13
Lu-176(n,2nt)Yb-172	TALYS-6a	0	[8]	27
Lu-176(n,4np)Yb-172	TALYS-6a	0	[8]	20
Lu-176(n,3nd)Yb-172	TALYS-6a	0	[8]	21
Lu-176(n,n'da)Er-170	TALYS-6a	0	[8]	27
Lu-176(n,2npa)Er-170	TALYS-6a	0	[8]	26
Lu-176(n,7n)Lu-170g	TALYS-6a	0		9
Lu-176(n,7n)Lu-170m	TALYS-6a	0		9
Lu-176(n,8n)Lu-169g	TALYS-6a	0		5
Lu-176(n,8n)Lu-169m	TALYS-6a	0		5
Lu-176(n,5np)Yb-171	TALYS-6a	0	[8]	14
Lu-176(n,6np)Yb-170	TALYS-6a	0		11
Lu-176(n,7np)Yb-169g	TALYS-6a	0		7
Lu-176(n,7np)Yb-169m	TALYS-6a	0		6
Lu-176(n,4na)Tm-169	TALYS-6a	0	[8]	23
Lu-176(n,5na)Tm-168	TALYS-6a	0	[8]	15
Lu-176(n,6na)Tm-167	TALYS-6a	0	[8]	12
Lu-176(n,7na)Tm-166	TALYS-6a	0	[8]	7
Lu-176(n,4nd)Yb-171	TALYS-6a	0	[8]	15
Lu-176(n,5nd)Yb-170	TALYS-6a	0	[8]	11
Lu-176(n,6nd)Yb-169g	TALYS-6a	0		7
Lu-176(n,6nd)Yb-169m	TALYS-6a	0		7
Lu-176(n,3nt)Yb-171	TALYS-6a	0	[8]	18
Lu-176(n,4nt)Yb-170	TALYS-6a	0	[8]	14
Lu-176(n,5nt)Yb-169g	TALYS-6a	0		10
Lu-176(n,5nt)Yb-169m	TALYS-6a	0		10
Lu-176(n,6nt)Yb-168	TALYS-6a	0	[8]	6
Lu-176(n,2nh)Tm-172	TALYS-6a	0	[8]	22
Lu-176(n,3nh)Tm-171	TALYS-6a	0	[8]	16
Lu-176(n,4nh)Tm-170	TALYS-6a	0	[8]	12
Lu-176(n,3n2p)Tm-172	TALYS-6a	0	[8]	15
Lu-176(n,3n2a)Ho-166g	TALYS-6a	0		19
Lu-176(n,3n2a)Ho-166m	TALYS-6a	0		20
Lu-176(n,3npa)Er-169	TALYS-6a	0	[8]	19
Lu-176(n,n'pd)Tm-173	TALYS-6a	0	[8]	22
Lu-176(n,n'pt)Tm-172	TALYS-6a	0	[8]	21
Lu-176(n,n'dt)Tm-171	TALYS-6a	0	[8]	16
Lu-176(n,n'ta)Er-169	TALYS-6a	0	[8]	25
Lu-176(n,2n2p)Tm-173	TALYS-6a	0	[8]	21
Lu-176(n,4n2p)Tm-171	TALYS-6a	0	[8]	12
Lu-176(n,4n2a)Ho-165	TALYS-6a	0	[8]	15
Lu-176(n,4npa)Er-168	TALYS-6a	0	[8]	14
Lu-176(n,5n2p)Tm-170	TALYS-6a	0	[8]	8
Lu-177(n,n')Lu-177m	IEAF-2001	0	[5,7,8]	56
+Lu-177(n,n')Lu-177n	IEAF-2001	0	[5,7,8]	53
Lu-177(n,2nd)Yb-174	TALYS-6a	0	[8]	28
Lu-177(n,2n)Lu-176g	TALYS-6a	0		50
Lu-177(n,2n)Lu-176m	TALYS-6a	0		49
Lu-177(n,3n)Lu-175	TALYS-6a	0		35
Lu-177(n,n'a)Tm-173	TALYS-6a	0		100
Lu-177(n,2na)Tm-172	TALYS-6a	0	[8]	41
Lu-177(n,3na)Tm-171	TALYS-6a	0	[8]	30
Lu-177(n,n'p)Yb-176g	TALYS-6a	0		49
Lu-177(n,n'p)Yb-176m	TALYS-6a	0		45
+Lu-177(n,2n2a)Ho-168g	TALYS-6a	0		26
+Lu-177(n,2n2a)Ho-168m	TALYS-6a	0		26
Lu-177(n,n'd)Yb-175	TALYS-6a	0	[8]	36
Lu-177(n,n't)Yb-174	TALYS-6a	0	[8]	36
Lu-177(n,n'h)Tm-174	TALYS-6a	0	[8]	27
Lu-177(n,4n)Lu-174g	TALYS-6a	0		25
Lu-177(n,4n)Lu-174m	TALYS-6a	0		25
Lu-177(n,2np)Yb-175	TALYS-6a	0	[8]	33
Lu-177(n,3np)Yb-174	TALYS-6a	0	[8]	26

Lu-177(n,n'2p)Tm-175	TALYS-6a	0 [8]	26	Hf-170(n,n'd2a)Ho-160g	TALYS-6a	0 [4]	17
Lu-177(n,n'pa)Er-172	TALYS-6a	0 [8]	32	Hf-170(n,n'd2a)Ho-160m	TALYS-6a	0 [4,7,8]	16
Lu-177(n,g)Lu-178g	MASGAM	0 [13,4,6,12,4]	119	Hf-170(n,n'd2a)Ho-160n	TALYS-6a	0 [4,7,8]	16
Lu-177(n,g)Lu-178m	MASGAM	0 [13,4,6,12,4]	119	Hf-170(n,n't2a)Ho-159g	TALYS-6a	0	16
Lu-177(n,p)Yb-177g	TALYS-6a	0 [2]	77	Hf-170(n,n't2a)Ho-159m	TALYS-6a	0	16
Lu-177(n,p)Yb-177m	TALYS-6a	0 [2]	75	Hf-170(n,4n)Hf-167	TALYS-6a	0	19
Lu-177(n,d)Yb-176g	TALYS-6a	0	56	Hf-170(n,2np)Lu-168g	TALYS-6a	0	31
Lu-177(n,d)Yb-176m	TALYS-6a	0	51	Hf-170(n,2np)Lu-168m	TALYS-6a	0	31
Lu-177(n,t)Yb-175	TALYS-6a	0 [8]	51	+Hf-170(n,3np)Lu-167g	TALYS-6a	0 [4,8]	23
Lu-177(n,h)Tm-175	TALYS-6a	0 [8]	34	+Hf-170(n,3np)Lu-167m	TALYS-6a	0 [4,7,8,8]	23
Lu-177(n,a)Tm-174	TALYS-6a	0 [2]	100	Hf-170(n,n'2p)Yb-168	TALYS-6a	0 [8]	35
Lu-177(n,2p)Tm-176	TALYS-6a	0 [8,7,8]	29	Hf-170(n,n'pa)Tm-165	TALYS-6a	0 [8]	40
Lu-177(n,pd)Tm-175	TALYS-6a	0 [8]	27	+Hf-170(n,g)Hf-171g	MASGAM	0 [14,13,4,6]	83
Lu-177(n,5n)Lu-173	TALYS-6a	0	19	+Hf-170(n,g)Hf-171m	MASGAM	0 [14,13,4,6]	83
Lu-177(n,6n)Lu-172g	TALYS-6a	0	13	Hf-170(n,p)Lu-170g	TALYS-6a	0 [2]	100
Lu-177(n,6n)Lu-172m	TALYS-6a	0	13	Hf-170(n,p)Lu-170m	TALYS-6a	0 [2]	100
Lu-177(n,2nt)Yb-173	TALYS-6a	0 [8]	26	Hf-170(n,d)Lu-169g	TALYS-6a	0	61
Lu-177(n,4np)Yb-173	TALYS-6a	0 [8]	19	Hf-170(n,d)Lu-169m	TALYS-6a	0	61
Lu-177(n,3nd)Yb-173	TALYS-6a	0 [8]	20	Hf-170(n,t)Lu-168g	TALYS-6a	0	45
Lu-177(n,2npa)Er-171	TALYS-6a	0 [8]	25	Hf-170(n,t)Lu-168m	TALYS-6a	0	44
Lu-177(n,7n)Lu-171g	TALYS-6a	0	10	Hf-170(n,h)Yb-168	TALYS-6a	0 [8]	50
Lu-177(n,7n)Lu-171m	TALYS-6a	0	10	Hf-170(n,a)Yb-167	TALYS-6a	0 [2]	100
Lu-177(n,8n)Lu-170g	TALYS-6a	0	6	Hf-170(n,2a)Er-163	TALYS-6a	0 [10]	100
Lu-177(n,8n)Lu-170m	TALYS-6a	0	6	Hf-170(n,2p)Yb-169g	TALYS-6a	0	55
Lu-177(n,5np)Yb-172	TALYS-6a	0 [8]	14	Hf-170(n,2p)Yb-169m	TALYS-6a	0	55
Lu-177(n,6np)Yb-171	TALYS-6a	0	11	Hf-170(n,pa)Tm-166	TALYS-6a	0	100
Lu-177(n,7np)Yb-170	TALYS-6a	0 [8]	7	Hf-170(n,d2a)Ho-161g	TALYS-6a	0	100
Lu-177(n,4na)Tm-170	TALYS-6a	0 [8]	22	Hf-170(n,d2a)Ho-161m	TALYS-6a	0	100
Lu-177(n,5na)Tm-169	TALYS-6a	0 [8]	16	Hf-170(n,pd)Yb-168	TALYS-6a	0 [8]	37
Lu-177(n,6na)Tm-168	TALYS-6a	0 [8]	12	Hf-170(n,pt)Yb-167	TALYS-6a	0 [8]	31
Lu-177(n,7na)Tm-167	TALYS-6a	0 [8]	8	Hf-170(n,da)Tm-165	TALYS-6a	0 [8]	40
Lu-177(n,4nd)Yb-172	TALYS-6a	0 [8]	15	Hf-170(n,5n)Hf-166	TALYS-6a	0	14
Lu-177(n,5nd)Yb-171	TALYS-6a	0 [8]	11	Hf-170(n,6n)Hf-165	TALYS-6a	0	9
Lu-177(n,6nd)Yb-170	TALYS-6a	0 [8]	8	Hf-170(n,2nt)Lu-166g	TALYS-6a	0	21
Lu-177(n,3nt)Yb-172	TALYS-6a	0 [8]	19	Hf-170(n,2nt)Lu-166m	TALYS-6a	0	21
Lu-177(n,4nt)Yb-171	TALYS-6a	0 [8]	14	Hf-170(n,2nt)Lu-166n	TALYS-6a	0	21
Lu-177(n,5nt)Yb-170	TALYS-6a	0 [8]	10	Hf-170(n,ta)Tm-164g	TALYS-6a	0 [4,8]	33
Lu-177(n,6nt)Yb-169g	TALYS-6a	0	6	Hf-170(n,ta)Tm-164m	TALYS-6a	0 [4,7,8,8]	32
Lu-177(n,6nt)Yb-169m	TALYS-6a	0	6	Hf-170(n,4np)Lu-166g	TALYS-6a	0	15
Lu-177(n,2nh)Tm-173	TALYS-6a	0 [8]	22	Hf-170(n,4np)Lu-166m	TALYS-6a	0	15
Lu-177(n,3nh)Tm-172	TALYS-6a	0 [8]	16	Hf-170(n,4np)Lu-166n	TALYS-6a	0	15
Lu-177(n,4nh)Tm-171	TALYS-6a	0 [8]	13	Hf-170(n,3nd)Lu-166g	TALYS-6a	0	16
Lu-177(n,3n2p)Tm-173	TALYS-6a	0 [8]	15	Hf-170(n,3nd)Lu-166m	TALYS-6a	0	16
Lu-177(n,3n2a)Ho-167	TALYS-6a	0 [8]	20	Hf-170(n,3nd)Lu-166n	TALYS-6a	0	16
Lu-177(n,3npa)Er-170	TALYS-6a	0 [8]	19	Hf-170(n,n'da)Tm-164g	TALYS-6a	0 [4,8]	27
Lu-177(n,n'pd)Tm-174	TALYS-6a	0 [8]	21	Hf-170(n,n'da)Tm-164m	TALYS-6a	0 [4,7,8,8]	26
Lu-177(n,n'pt)Tm-173	TALYS-6a	0 [8]	21	Hf-170(n,2npa)Tm-164g	TALYS-6a	0 [4,8]	26
Lu-177(n,2n2p)Tm-174	TALYS-6a	0 [8]	20	Hf-170(n,2npa)Tm-164m	TALYS-6a	0 [4,7,8,8]	25
Lu-177(n,4n2p)Tm-172	TALYS-6a	0 [8]	12	Hf-170(n,5np)Lu-165	TALYS-6a	0 [8]	11
Lu-177(n,4n2a)Ho-166g	TALYS-6a	0	14	Hf-170(n,4na)Yb-163	TALYS-6a	0 [8]	18
Lu-177(n,4n2a)Ho-166m	TALYS-6a	0	14	Hf-170(n,5na)Yb-162	TALYS-6a	0 [8]	13
Lu-177(n,4npa)Er-169	TALYS-6a	0 [8]	14	Hf-170(n,6na)Yb-161	TALYS-6a	0 [8]	8
Lu-177(n,5n2p)Tm-171	TALYS-6a	0 [8]	9	Hf-170(n,4nd)Lu-165	TALYS-6a	0 [8]	12
Lu-177m(n,n')Lu-177g	TALYS-6	0 [8]	97	Hf-170(n,5nd)Lu-164	TALYS-6a	0 [8,7,8]	7
+Lu-177m(n,n')Lu-177n	TALYS-6	0 [7,8,10]	71	Hf-170(n,3nt)Lu-165	TALYS-6a	0 [8]	14
Lu-177m(n,2n)Lu-176g	TALYS-6	0	55	Hf-170(n,4nt)Lu-164	TALYS-6a	0 [8,7,8]	10
Lu-177m(n,2n)Lu-176m	TALYS-6	0	54	Hf-170(n,2nh)Yb-166	TALYS-6a	0 [8]	24
Lu-177m(n,3n)Lu-175	TALYS-6	0	37	Hf-170(n,3nh)Yb-165	TALYS-6a	0 [8]	15
Lu-177m(n,n'a)Tm-173	TALYS-6	0	100	Hf-170(n,4nh)Yb-164	TALYS-6a	0 [8]	12
Lu-177m(n,2na)Tm-172	TALYS-6	0 [8]	43	Hf-170(n,3n2p)Yb-166	TALYS-6a	0 [8]	17
Lu-177m(n,3na)Tm-171	TALYS-6	0 [8]	31	Hf-170(n,3n2a)Er-160	TALYS-6a	0 [8]	22
Lu-177m(n,n'p)Yb-176g	TALYS-6	0	52	Hf-170(n,3npa)Tm-163	TALYS-6a	0 [8]	19
Lu-177m(n,n'p)Yb-176m	TALYS-6	0	48	Hf-170(n,n'pd)Yb-167	TALYS-6a	0 [8]	25
+Lu-177m(n,2n2a)Ho-168g	TALYS-6	0 [7,8]	26	Hf-170(n,n'pt)Yb-166	TALYS-6a	0 [8]	24
+Lu-177m(n,2n2a)Ho-168m	TALYS-6	0	25	Hf-170(n,n'dt)Yb-165	TALYS-6a	0 [8]	15
Lu-177m(n,n'd)Yb-175	TALYS-6	0 [8]	38	Hf-170(n,n'ph)Tm-166	TALYS-6a	0 [8]	19
Lu-177m(n,n't)Yb-174	TALYS-6	0 [8]	38	Hf-170(n,n'dh)Tm-165	TALYS-6a	0 [8]	14
Lu-177m(n,4n)Lu-174g	TALYS-6	0	26	Hf-170(n,n'ta)Tm-163	TALYS-6a	0 [8]	25
Lu-177m(n,4n)Lu-174m	TALYS-6	0	26	Hf-170(n,2n2p)Yb-167	TALYS-6a	0 [8]	24
>Lu-177m(n,g)Lu-178g	TALYS-6	0 [4,4]	100	Hf-170(n,4n2p)Yb-165	TALYS-6a	0 [8]	12
>Lu-177m(n,g)Lu-178m	TALYS-6	0 [4,4]	100	Hf-170(n,4n2a)Er-159	TALYS-6a	0 [8]	14
Lu-177m(n,p)Yb-177g	TALYS-6	0 [2]	100	Hf-170(n,4npa)Tm-162g	TALYS-6a	0 [4,8,7,8]	13
Lu-177m(n,p)Yb-177m	TALYS-6	0 [2]	100	Hf-170(n,4npa)Tm-162m	TALYS-6a	0 [4,7,8,8]	12
Lu-177m(n,d)Yb-176g	TALYS-6	0	58	Hf-170(n,n'3p)Tm-167	TALYS-6a	0 [8]	22
Lu-177m(n,d)Yb-176m	TALYS-6	0	56	Hf-170(n,3n2pa)Er-162	TALYS-6a	0 [8]	13
Lu-177m(n,t)Yb-175	TALYS-6	0 [8]	56	Hf-170(n,5n2p)Yb-164	TALYS-6a	0 [8]	8
Lu-177m(n,h)Tm-175	TALYS-6	0 [8]	32	Hf-171(n,2nd)Lu-168g	TALYS-6a	0	25
Lu-177m(n,a)Tm-174	TALYS-6	0 [2]	100	Hf-171(n,2nd)Lu-168m	TALYS-6a	0	25
Lu-177m(n,2p)Tm-176	TALYS-6	0 [8,7,8]	29	Hf-171(n,2n)Hf-170	TALYS-6a	0	49
Lu-177m(n,da)Er-172	TALYS-6	0 [8]	36	Hf-171(n,3n)Hf-169	TALYS-6a	0	30
Lu-177m(n,5n)Lu-173	TALYS-6	0	20	Hf-171(n,n'a)Yb-167	TALYS-6a	0	100
Lu-177m(n,6n)Lu-172g	TALYS-6	0	12	Hf-171(n,n'3a)Dy-159	TALYS-6a	0	100
Lu-177m(n,6n)Lu-172m	TALYS-6	0	12	Hf-171(n,2na)Yb-166	TALYS-6a	0 [8]	43
Lu-177m(n,2nt)Yb-173	TALYS-6	0 [8]	27	Hf-171(n,3na)Yb-165	TALYS-6a	0 [8]	28
Lu-177m(n,ta)Er-171	TALYS-6	0 [8]	34	Hf-171(n,n'p)Lu-170g	TALYS-6a	0	53
Lu-177m(n,7n)Lu-171g	TALYS-6	0	10	Hf-171(n,n'p)Lu-170m	TALYS-6a	0	53
Lu-177m(n,7n)Lu-171m	TALYS-6	0	10	Hf-171(n,n'2a)Er-163	TALYS-6a	0	100
Lu-177m(n,4na)Tm-170	TALYS-6	0 [8]	23	Hf-171(n,2n2a)Er-162	TALYS-6a	0 [8]	33
Lu-177m(n,5na)Tm-169	TALYS-6	0 [8]	16	Hf-171(n,n'd)Lu-169g	TALYS-6a	0	36
Lu-177m(n,3nt)Yb-172	TALYS-6	0 [8]	20	Hf-171(n,n'd)Lu-169m	TALYS-6a	0	36
Lu-177m(n,4nt)Yb-171	TALYS-6	0 [8]	14	Hf-171(n,n't)Lu-168g	TALYS-6a	0	31
Lu-177m(n,n'ta)Er-170	TALYS-6	0 [8]	26	Hf-171(n,n't)Lu-168m	TALYS-6a	0	31
+Hf-170(n,2nd)Lu-167g	TALYS-6a	0 [4,8]	25	Hf-171(n,n'h)Yb-168	TALYS-6a	0 [8]	33
+Hf-170(n,2nd)Lu-167m	TALYS-6a	0 [4,7,8,8]	25	Hf-171(n,n'd2a)Ho-161g	TALYS-6a	0	19
Hf-170(n,2n)Hf-169	TALYS-6a	0	42	Hf-171(n,n'd2a)Ho-161m	TALYS-6a	0	18
Hf-170(n,3n)Hf-168	TALYS-6a	0	29	Hf-171(n,n't2a)Ho-160g	TALYS-6a	0 [4]	16
Hf-170(n,n'a)Yb-166	TALYS-6a	0	100	Hf-171(n,n't2a)Ho-160m	TALYS-6a	0 [4,7,8]	14
Hf-170(n,n'3a)Dy-158	TALYS-6a	0	100	Hf-171(n,n't2a)Ho-160n	TALYS-6a	0 [4,7,8]	15
Hf-170(n,2na)Yb-165	TALYS-6a	0 [8]	38	Hf-171(n,4n)Hf-168	TALYS-6a	0	22
Hf-170(n,3na)Yb-164	TALYS-6a	0 [8]	28	Hf-171(n,2np)Lu-169g	TALYS-6a	0	34
Hf-170(n,n'p)Lu-169g	TALYS-6a	0	53	Hf-171(n,2np)Lu-169m	TALYS-6a	0	34
Hf-170(n,n'p)Lu-169m	TALYS-6a	0	53	Hf-171(n,3np)Lu-168g	TALYS-6a	0	24
Hf-170(n,n'2a)Er-162	TALYS-6a	0	100	Hf-171(n,3np)Lu-168m	TALYS-6a	0	23
Hf-170(n,2n2a)Er-161	TALYS-6a	0 [8]	30	Hf-171(n,n'2p)Yb-169g	TALYS-6a	0	34
Hf-170(n,n'd)Lu-168g	TALYS-6a	0	33	Hf-171(n,n'2p)Yb-169m	TALYS-6a	0	34
Hf-170(n,n'd)Lu-168m	TALYS-6a	0	33	Hf-171(n,n'pa)Tm-166	TALYS-6a	0 [8]	39
+Hf-170(n,n't)Lu-167g	TALYS-6a	0 [4,8]	30	Hf-171(n,g)Hf-172	MASGAM	0 [14,13]	83
+Hf-170(n,n't)Lu-167m	TALYS-6a	0 [4,7,8,8]	30	Hf-171(n,p)Lu-171g	TALYS-6a	0 [2]	100
Hf-170(n,n'h)Yb-167	TALYS-6a	0 [8]	30	Hf-171(n,p)Lu-171m	TALYS-6a	0 [2]	100

Reaction	Code		Ref	
Hf-171(n,d)Lu-170g	TALYS-6a	0		60
Hf-171(n,d)Lu-170m	TALYS-6a	0		60
Hf-171(n,t)Lu-169g	TALYS-6a	0		53
Hf-171(n,t)Lu-169m	TALYS-6a	0		52
Hf-171(n,h)Yb-169g	TALYS-6a	0		48
Hf-171(n,h)Yb-169m	TALYS-6a	0		48
Hf-171(n,a)Yb-168	TALYS-6a	0	[2]	100
Hf-171(n,2a)Er-164	TALYS-6a	0	[10]	100
Hf-171(n,2p)Yb-170	TALYS-6a	0	[8]	60
Hf-171(n,pa)Tm-167	TALYS-6a	0		100
Hf-171(n,pd)Yb-169g	TALYS-6a	0		36
Hf-171(n,pd)Yb-169m	TALYS-6a	0		36
Hf-171(n,pt)Yb-168	TALYS-6a	0	[8]	34
Hf-171(n,da)Tm-166	TALYS-6a	0	[8]	39
Hf-171(n,5n)Hf-167	TALYS-6a	0		14
Hf-171(n,6n)Hf-166	TALYS-6a	0		10
+Hf-171(n,2nt)Lu-167g	TALYS-6a	0	[4,8]	23
+Hf-171(n,2nt)Lu-167m	TALYS-6a	0	[4,7,8,8]	22
Hf-171(n,ta)Tm-165	TALYS-6a	0	[8]	37
+Hf-171(n,4np)Lu-167g	TALYS-6a	0	[4,8]	16
+Hf-171(n,4np)Lu-167m	TALYS-6a	0	[4,7,8,8]	15
+Hf-171(n,3nd)Lu-167g	TALYS-6a	0	[4,8]	17
+Hf-171(n,3nd)Lu-167m	TALYS-6a	0	[4,7,8,8]	16
Hf-171(n,n'da)Tm-165	TALYS-6a	0	[8]	29
Hf-171(n,2npa)Tm-165	TALYS-6a	0	[8]	28
Hf-171(n,5np)Lu-166g	TALYS-6a	0		11
Hf-171(n,5np)Lu-166m	TALYS-6a	0		11
Hf-171(n,5np)Lu-166n	TALYS-6a	0		11
Hf-171(n,6np)Lu-165	TALYS-6a	0		8
Hf-171(n,4na)Yb-164	TALYS-6a	0	[8]	20
Hf-171(n,5na)Yb-163	TALYS-6a	0	[8]	14
Hf-171(n,6na)Yb-162	TALYS-6a	0	[8]	10
Hf-171(n,4nd)Lu-166g	TALYS-6a	0		12
Hf-171(n,4nd)Lu-166m	TALYS-6a	0		12
Hf-171(n,4nd)Lu-166n	TALYS-6a	0		12
Hf-171(n,5nd)Lu-165	TALYS-6a	0	[8]	8
Hf-171(n,3nt)Lu-166g	TALYS-6a	0		15
Hf-171(n,3nt)Lu-166m	TALYS-6a	0		15
Hf-171(n,3nt)Lu-166n	TALYS-6a	0		15
Hf-171(n,4nt)Lu-165	TALYS-6a	0	[8]	10
Hf-171(n,2nh)Yb-167	TALYS-6a	0	[8]	23
Hf-171(n,3nh)Yb-166	TALYS-6a	0	[8]	16
Hf-171(n,4nh)Yb-165	TALYS-6a	0	[8]	12
Hf-171(n,3n2p)Yb-167	TALYS-6a	0	[8]	16
Hf-171(n,3n2a)Er-161	TALYS-6a	0	[8]	22
Hf-171(n,3npa)Tm-164g	TALYS-6a	0	[4,8]	19
Hf-171(n,3npa)Tm-164m	TALYS-6a	0	[4,7,8,8]	18
Hf-171(n,n'pd)Yb-168	TALYS-6a	0	[8]	27
Hf-171(n,n'pt)Yb-167	TALYS-6a	0	[8]	23
Hf-171(n,n'dt)Yb-166	TALYS-6a	0	[8]	16
Hf-171(n,n'ph)Tm-167	TALYS-6a	0	[8]	21
Hf-171(n,n'ta)Tm-164g	TALYS-6a	0	[4,8]	25
Hf-171(n,n'ta)Tm-164m	TALYS-6a	0	[4,7,8,8]	24
Hf-171(n,2n2p)Yb-168	TALYS-6a	0	[8]	26
Hf-171(n,4n2p)Yb-166	TALYS-6a	0	[8]	13
Hf-171(n,4n2a)Er-160	TALYS-6a	0	[8]	16
Hf-171(n,4npa)Tm-163	TALYS-6a	0	[8]	14
Hf-171(n,n'3p)Tm-168	TALYS-6a	0	[8]	20
Hf-171(n,3n2pa)Er-163	TALYS-6a	0	[8]	13
Hf-171(n,5n2p)Yb-165	TALYS-6a	0	[8]	8
Hf-172(n,2nd)Lu-169g	TALYS-6a	0		25
Hf-172(n,2nd)Lu-169m	TALYS-6a	0		25
+Hf-172(n,2n)Hf-171g	TALYS-6a	0		43
+Hf-172(n,2n)Hf-171m	TALYS-6a	0		43
Hf-172(n,3n)Hf-170	TALYS-6a	0		30
Hf-172(n,n'a)Yb-168	TALYS-6a	0		100
Hf-172(n,n'3a)Dy-160	TALYS-6a	0		100
Hf-172(n,2na)Yb-167	TALYS-6a	0	[8]	39
Hf-172(n,3na)Yb-166	TALYS-6a	0	[8]	28
Hf-172(n,n'p)Lu-171g	TALYS-6a	0		51
Hf-172(n,n'p)Lu-171m	TALYS-6a	0		50
Hf-172(n,n'2a)Er-164	TALYS-6a	0		100
Hf-172(n,2n2a)Er-163	TALYS-6a	0	[8]	30
Hf-172(n,n'd)Lu-170g	TALYS-6a	0		33
Hf-172(n,n'd)Lu-170m	TALYS-6a	0		33
Hf-172(n,n't)Lu-169g	TALYS-6a	0		31
Hf-172(n,n't)Lu-169m	TALYS-6a	0		31
Hf-172(n,n'h)Yb-169g	TALYS-6a	0		30
Hf-172(n,n'h)Yb-169m	TALYS-6a	0		30
Hf-172(n,n'd2a)Ho-162g	TALYS-6a	0		16
Hf-172(n,n'd2a)Ho-162m	TALYS-6a	0		16
Hf-172(n,n't2a)Ho-161g	TALYS-6a	0		15
Hf-172(n,n't2a)Ho-161m	TALYS-6a	0		15
Hf-172(n,4n)Hf-169	TALYS-6a	0		21
Hf-172(n,2np)Lu-170g	TALYS-6a	0		31
Hf-172(n,2np)Lu-170m	TALYS-6a	0		31
Hf-172(n,3np)Lu-169g	TALYS-6a	0		24
Hf-172(n,3np)Lu-169m	TALYS-6a	0		24
Hf-172(n,n'2p)Yb-170	TALYS-6a	0	[8]	33
Hf-172(n,n'pa)Tm-167	TALYS-6a	0	[8]	38
Hf-172(n,g)Hf-173	MASGAM	0	[14,13]	83
Hf-172(n,p)Lu-172g	TALYS-6a	0	[2]	100
Hf-172(n,p)Lu-172m	TALYS-6a	0	[2]	100
Hf-172(n,d)Lu-171g	TALYS-6a	0		58
Hf-172(n,d)Lu-171m	TALYS-6a	0		58
Hf-172(n,t)Lu-170g	TALYS-6a	0		45
Hf-172(n,t)Lu-170m	TALYS-6a	0		45
Hf-172(n,h)Yb-170	TALYS-6a	0	[8]	45
Hf-172(n,a)Yb-169g	TALYS-6a	0	[2]	100
Hf-172(n,a)Yb-169m	TALYS-6a	0	[2]	100
Hf-172(n,2a)Er-165	TALYS-6a	0	[10]	100
Hf-172(n,2p)Yb-171	TALYS-6a	0	[8]	47
Hf-172(n,pa)Tm-168	TALYS-6a	0		100
Hf-172(n,pd)Yb-170	TALYS-6a	0	[8]	35
Hf-172(n,pt)Yb-169g	TALYS-6a	0		30
Hf-172(n,pt)Yb-169m	TALYS-6a	0		30
Hf-172(n,da)Tm-167	TALYS-6a	0	[8]	39
Hf-172(n,5n)Hf-168	TALYS-6a	0		15
Hf-172(n,6n)Hf-167	TALYS-6a	0		10
Hf-172(n,2nt)Lu-168g	TALYS-6a	0		22
Hf-172(n,2nt)Lu-168m	TALYS-6a	0		21
Hf-172(n,ta)Tm-166	TALYS-6a	0	[8]	33
Hf-172(n,4np)Lu-168g	TALYS-6a	0		15
Hf-172(n,4np)Lu-168m	TALYS-6a	0		15
Hf-172(n,3nd)Lu-168g	TALYS-6a	0		16
Hf-172(n,3nd)Lu-168m	TALYS-6a	0		16
Hf-172(n,n'da)Tm-166	TALYS-6a	0	[8]	26
Hf-172(n,2npa)Tm-166	TALYS-6a	0	[8]	26
+Hf-172(n,5np)Lu-167g	TALYS-6a	0	[4]	12
+Hf-172(n,5np)Lu-167m	TALYS-6a	0	[4,7,8]	11
+Hf-172(n,6np)Lu-166g	TALYS-6a	0		7
+Hf-172(n,6np)Lu-166m	TALYS-6a	0		7
+Hf-172(n,6np)Lu-166n	TALYS-6a	0		7
Hf-172(n,4na)Yb-165	TALYS-6a	0	[8]	18
Hf-172(n,5na)Yb-164	TALYS-6a	0	[8]	14
Hf-172(n,6na)Yb-163	TALYS-6a	0	[8]	9
+Hf-172(n,4nd)Lu-167g	TALYS-6a	0	[4,8]	12
+Hf-172(n,4nd)Lu-167m	TALYS-6a	0	[4,7,8,8]	11
Hf-172(n,5nd)Lu-166g	TALYS-6a	0		7
Hf-172(n,5nd)Lu-166m	TALYS-6a	0		7
Hf-172(n,5nd)Lu-166n	TALYS-6a	0		7
+Hf-172(n,3nt)Lu-167g	TALYS-6a	0	[4,8]	15
+Hf-172(n,3nt)Lu-167m	TALYS-6a	0	[4,7,8,8]	15
Hf-172(n,4nt)Lu-166g	TALYS-6a	0		10
Hf-172(n,4nt)Lu-166n	TALYS-6a	0		10
Hf-172(n,5nt)Lu-165	TALYS-6a	0	[8]	6
Hf-172(n,2nh)Yb-168	TALYS-6a	0	[8]	23
Hf-172(n,3nh)Yb-167	TALYS-6a	0	[8]	16
Hf-172(n,4nh)Yb-166	TALYS-6a	0	[8]	12
Hf-172(n,3n2p)Yb-168	TALYS-6a	0	[8]	16
Hf-172(n,3n2a)Er-162	TALYS-6a	0	[8]	22
Hf-172(n,3npa)Tm-165	TALYS-6a	0	[8]	19
Hf-172(n,n'pd)Yb-169g	TALYS-6a	0		24
Hf-172(n,n'pd)Yb-169m	TALYS-6a	0		24
Hf-172(n,n'pt)Yb-168	TALYS-6a	0	[8]	23
Hf-172(n,n'dt)Yb-167	TALYS-6a	0	[8]	15
Hf-172(n,n'ph)Tm-168	TALYS-6a	0	[8]	18
Hf-172(n,n'ta)Tm-165	TALYS-6a	0	[8]	25
Hf-172(n,2n2p)Yb-169g	TALYS-6a	0		23
Hf-172(n,2n2p)Yb-169m	TALYS-6a	0		23
Hf-172(n,4n2p)Yb-167	TALYS-6a	0	[8]	12
Hf-172(n,4n2a)Er-161	TALYS-6a	0		14
Hf-172(n,4npa)Tm-164g	TALYS-6a	0	[4,8]	13
Hf-172(n,4npa)Tm-164m	TALYS-6a	0	[4,7,8,8]	12
Hf-172(n,5n2p)Yb-166	TALYS-6a	0	[8]	8
Hf-173(n,2nd)Lu-170g	TALYS-6a	0		25
Hf-173(n,2nd)Lu-170m	TALYS-6a	0		25
Hf-173(n,2n)Hf-172	TALYS-6a	0		50
+Hf-173(n,3n)Hf-171g	TALYS-6a	0		30
+Hf-173(n,3n)Hf-171m	TALYS-6a	0		30
Hf-173(n,n'a)Yb-169g	TALYS-6a	0		100
Hf-173(n,n'a)Yb-169m	TALYS-6a	0		100
Hf-173(n,n'3a)Dy-161	TALYS-6a	0		100
Hf-173(n,2na)Yb-168	TALYS-6a	0	[8]	43
Hf-173(n,3na)Yb-167	TALYS-6a	0	[8]	28
Hf-173(n,n'p)Lu-172g	TALYS-6a	0		51
Hf-173(n,n'p)Lu-172m	TALYS-6a	0		51
Hf-173(n,n'2a)Er-165	TALYS-6a	0		100
Hf-173(n,2n2a)Er-164	TALYS-6a	0	[8]	32
Hf-173(n,n'd)Lu-171g	TALYS-6a	0		36
Hf-173(n,n'd)Lu-171m	TALYS-6a	0		36
Hf-173(n,n't)Lu-170g	TALYS-6a	0		31
Hf-173(n,n't)Lu-170m	TALYS-6a	0		31
Hf-173(n,n'h)Yb-170	TALYS-6a	0	[8]	31
Hf-173(n,n'd2a)Ho-163g	TALYS-6a	0		17
Hf-173(n,n'd2a)Ho-163m	TALYS-6a	0		17
Hf-173(n,4n)Hf-170	TALYS-6a	0		23
Hf-173(n,2np)Lu-171g	TALYS-6a	0		34
Hf-173(n,2np)Lu-171m	TALYS-6a	0		34
Hf-173(n,3np)Lu-170g	TALYS-6a	0		24
Hf-173(n,3np)Lu-170m	TALYS-6a	0		24
Hf-173(n,n'2p)Yb-171	TALYS-6a	0	[8]	32
Hf-173(n,n'pa)Tm-168	TALYS-6a	0	[8]	38
Hf-173(n,g)Hf-174	MASGAM	0	[14,13]	83
Hf-173(n,p)Lu-173	TALYS-6a	0	[2]	100
Hf-173(n,d)Lu-172g	TALYS-6a	0		58
Hf-173(n,d)Lu-172m	TALYS-6a	0		58
Hf-173(n,t)Lu-171g	TALYS-6a	0		52
Hf-173(n,t)Lu-171m	TALYS-6a	0		52
Hf-173(n,h)Yb-171	TALYS-6a	0	[8]	45
Hf-173(n,a)Yb-170	TALYS-6a	0	[2]	100
Hf-173(n,2a)Er-166	TALYS-6a	0	[10]	100
Hf-173(n,2p)Yb-172	TALYS-6a	0	[8]	53
Hf-173(n,pa)Tm-169	TALYS-6a	0		100
Hf-173(n,pd)Yb-171	TALYS-6a	0	[8]	34
Hf-173(n,pt)Yb-170	TALYS-6a	0	[8]	32
Hf-173(n,da)Tm-168	TALYS-6a	0	[8]	39
Hf-173(n,5n)Hf-169	TALYS-6a	0		15
Hf-173(n,6n)Hf-168	TALYS-6a	0		11
Hf-173(n,2nt)Lu-169g	TALYS-6a	0		24
Hf-173(n,2nt)Lu-169m	TALYS-6a	0		24
Hf-173(n,ta)Tm-167	TALYS-6a	0	[8]	37
Hf-173(n,4np)Lu-169g	TALYS-6a	0		17
Hf-173(n,4np)Lu-169m	TALYS-6a	0		17
Hf-173(n,3nd)Lu-169g	TALYS-6a	0		18
Hf-173(n,3nd)Lu-169m	TALYS-6a	0		18
Hf-173(n,n'da)Tm-167	TALYS-6a	0	[8]	28
Hf-173(n,2npa)Tm-167	TALYS-6a	0	[8]	28
Hf-173(n,5np)Lu-168g	TALYS-6a	0		12
Hf-173(n,5np)Lu-168m	TALYS-6a	0		12
+Hf-173(n,6np)Lu-167g	TALYS-6a	0	[4,8]	8
+Hf-173(n,6np)Lu-167m	TALYS-6a	0	[4,7,8,8]	7
Hf-173(n,4na)Yb-166	TALYS-6a	0	[8]	21
Hf-173(n,5na)Yb-165	TALYS-6a	0	[8]	14
Hf-173(n,6na)Yb-164	TALYS-6a	0	[8]	10
Hf-173(n,4nd)Lu-168g	TALYS-6a	0		13
Hf-173(n,4nd)Lu-168m	TALYS-6a	0		13

Reaction	Library	Flag	Refs	Value
+Hf-173(n,5nd)Lu-167g	TALYS-6a	0	[4,8]	9
+Hf-173(n,5nd)Lu-167m	TALYS-6a	0	[4,7,8,8]	8
Hf-173(n,3nt)Lu-168g	TALYS-6a	0		15
Hf-173(n,3nt)Lu-168m	TALYS-6a	0		15
+Hf-173(n,4nt)Lu-167g	TALYS-6a	0	[4,8]	12
+Hf-173(n,4nt)Lu-167m	TALYS-6a	0	[4,7,8,8]	11
Hf-173(n,5nt)Lu-166g	TALYS-6a	0		7
Hf-173(n,5nt)Lu-166m	TALYS-6a	0		7
Hf-173(n,5nt)Lu-166n	TALYS-6a	0		7
Hf-173(n,2nh)Yb-169g	TALYS-6a	0		23
Hf-173(n,2nh)Yb-169m	TALYS-6a	0		23
Hf-173(n,3nh)Yb-168	TALYS-6a	0	[8]	16
Hf-173(n,4nh)Yb-167	TALYS-6a	0	[8]	12
Hf-173(n,3n2p)Yb-169g	TALYS-6a	0		16
Hf-173(n,3n2p)Yb-169m	TALYS-6a	0		16
Hf-173(n,3n2a)Er-163	TALYS-6a	0	[8]	22
Hf-173(n,3npa)Tm-166	TALYS-6a	0	[8]	18
Hf-173(n,n'pd)Yb-170	TALYS-6a	0	[8]	26
Hf-173(n,n'pt)Yb-169g	TALYS-6a	0		23
Hf-173(n,n'pt)Yb-169m	TALYS-6a	0		23
Hf-173(n,n'dt)Yb-168	TALYS-6a	0	[8]	16
Hf-173(n,n'ph)Tm-169	TALYS-6a	0	[8]	19
Hf-173(n,n'ta)Tm-166	TALYS-6a	0	[8]	25
Hf-173(n,2n2p)Yb-170	TALYS-6a	0	[8]	25
Hf-173(n,4n2p)Yb-168	TALYS-6a	0	[8]	13
Hf-173(n,4n2a)Er-162	TALYS-6a	0	[8]	16
Hf-173(n,4npa)Tm-165	TALYS-6a	0	[8]	14
Hf-173(n,5n2p)Yb-167	TALYS-6a	0	[8]	8
Hf-174(n,2nd)Lu-171g	TALYS-6a	0		25
Hf-174(n,2nd)Lu-171m	TALYS-6a	0		25
Hf-174(n,2n)Hf-173	TALYS-5a	6		44
Hf-174(n,3n)Hf-172	TALYS-6a	0		31
Hf-174(n,n'a)Yb-170	TALYS-6a	0		100
Hf-174(n,n'3a)Dy-162	TALYS-6	0		100
Hf-174(n,2na)Yb-169g	TALYS-6a	0		40
Hf-174(n,2na)Yb-169m	TALYS-6a	0		40
Hf-174(n,3na)Yb-168	TALYS-6a	0	[8]	29
Hf-174(n,n'p)Lu-173	TALYS-6a	0	[8]	49
Hf-174(n,n'2a)Er-166	TALYS-6a	0		100
Hf-174(n,2n2a)Er-165	TALYS-6a	0	[8]	29
Hf-174(n,n'd)Lu-172g	TALYS-6a	0		33
Hf-174(n,n'd)Lu-172m	TALYS-6a	0		33
Hf-174(n,n't)Lu-171g	TALYS-6a	0		31
Hf-174(n,n't)Lu-171m	TALYS-6a	0		31
Hf-174(n,n'h)Yb-171	TALYS-6a	0	[8]	29
Hf-174(n,n't2a)Ho-163g	TALYS-6a	0		15
Hf-174(n,n't2a)Ho-163m	TALYS-6a	0		14
+Hf-174(n,4n)Hf-171g	TALYS-6a	0		22
+Hf-174(n,4n)Hf-171m	TALYS-6a	0		22
Hf-174(n,2np)Lu-172g	TALYS-6a	0		31
Hf-174(n,2np)Lu-172m	TALYS-6a	0		31
Hf-174(n,3np)Lu-171g	TALYS-6a	0		24
Hf-174(n,3np)Lu-171m	TALYS-6a	0		24
Hf-174(n,n'2p)Yb-172	TALYS-6a	0	[8]	31
Hf-174(n,n'pa)Tm-169	TALYS-6a	0	[8]	36
>Hf-174(n,g)Hf-175	JEF-2.2	4	[9,2,13]	4184
Hf-174(n,p)Lu-174g	TALYS-6a	0	[2]	100
Hf-174(n,p)Lu-174m	TALYS-6a	0	[2]	100
Hf-174(n,d)Lu-173	TALYS-6a	0	[8]	56
Hf-174(n,t)Lu-172g	TALYS-6a	0		45
Hf-174(n,t)Lu-172m	TALYS-6a	0		44
Hf-174(n,h)Yb-172	TALYS-6a	0	[8]	43
Hf-174(n,a)Yb-171	TALYS-6a	0	[9,2,3]	4184
Hf-174(n,2p)Yb-173	TALYS-6a	0	[8]	43
Hf-174(n,pa)Tm-170	TALYS-6a	0		100
Hf-174(n,pd)Yb-172	TALYS-6a	0	[8]	32
Hf-174(n,pt)Yb-171	TALYS-6a	0	[8]	30
Hf-174(n,da)Tm-169	TALYS-6a	0	[8]	37
Hf-174(n,5n)Hf-170	TALYS-6a	0		15
Hf-174(n,6n)Hf-169	TALYS-6a	0		11
Hf-174(n,2nt)Lu-170g	TALYS-6a	0		22
Hf-174(n,2nt)Lu-170m	TALYS-6a	0		22
Hf-174(n,ta)Tm-168	TALYS-6a	0	[8]	33
Hf-174(n,4np)Lu-170g	TALYS-6a	0		16
Hf-174(n,4np)Lu-170m	TALYS-6a	0		16
Hf-174(n,3nd)Lu-170g	TALYS-6a	0		16
Hf-174(n,3nd)Lu-170m	TALYS-6a	0		16
Hf-174(n,n'da)Tm-168	TALYS-6a	0	[8]	26
Hf-174(n,2npa)Tm-168	TALYS-6a	0	[8]	26
Hf-174(n,7n)Hf-168	TALYS-6a	0		7
Hf-174(n,5np)Lu-169g	TALYS-6a	0		12
Hf-174(n,5np)Lu-169m	TALYS-6a	0		12
Hf-174(n,6np)Lu-168g	TALYS-6a	0		8
Hf-174(n,6np)Lu-168m	TALYS-6a	0		8
Hf-174(n,4na)Yb-167	TALYS-6a	0	[8]	19
Hf-174(n,5na)Yb-166	TALYS-6a	0	[8]	14
Hf-174(n,6na)Yb-165	TALYS-6a	0	[8]	10
Hf-174(n,4nd)Lu-169g	TALYS-6a	0		13
Hf-174(n,4nd)Lu-169m	TALYS-6a	0		13
Hf-174(n,5nd)Lu-168g	TALYS-6a	0		8
Hf-174(n,5nd)Lu-168m	TALYS-6a	0		8
Hf-174(n,3nt)Lu-169g	TALYS-6a	0		16
Hf-174(n,3nt)Lu-169m	TALYS-6a	0		16
Hf-174(n,4nt)Lu-168g	TALYS-6a	0		11
Hf-174(n,4nt)Lu-168m	TALYS-6a	0		11
+Hf-174(n,5nt)Lu-167g	TALYS-6a	0	[4,8]	7
+Hf-174(n,5nt)Lu-167m	TALYS-6a	0	[4,7,8,8]	7
Hf-174(n,2nh)Yb-170	TALYS-6a	0	[8]	23
Hf-174(n,3nh)Yb-169g	TALYS-6a	0		16
Hf-174(n,3nh)Yb-169m	TALYS-6a	0		16
Hf-174(n,4nh)Yb-168	TALYS-6a	0	[8]	12
Hf-174(n,3n2p)Yb-170	TALYS-6a	0	[8]	16
Hf-174(n,3n2a)Er-164	TALYS-6a	0	[8]	22
Hf-174(n,3npa)Tm-167	TALYS-6a	0	[8]	18
Hf-174(n,n'pd)Yb-171	TALYS-6a	0	[8]	24
Hf-174(n,n'pt)Yb-170	TALYS-6a	0	[8]	23
Hf-174(n,n'dt)Yb-169g	TALYS-6a	0		16
Hf-174(n,n'dt)Yb-169m	TALYS-6a	0		15
Hf-174(n,n'ta)Tm-167	TALYS-6a	0	[8]	25
Hf-174(n,2n2p)Yb-171	TALYS-6a	0	[8]	23
Hf-174(n,4n2p)Yb-169g	TALYS-6a	0		12
Hf-174(n,4n2p)Yb-169m	TALYS-6a	0		12
Hf-174(n,4n2a)Er-163	TALYS-6a	0	[8]	15
Hf-174(n,4npa)Tm-166	TALYS-6a	0	[8]	13
Hf-174(n,5n2p)Yb-168	TALYS-6a	0	[8]	8
Hf-175(n,2nd)Lu-172g	TALYS-6a	0		26
Hf-175(n,2nd)Lu-172m	TALYS-6a	0		26
Hf-175(n,2n)Hf-174	TALYS-6a	0		52
Hf-175(n,3n)Hf-173	TALYS-6a	0		31
Hf-175(n,n'a)Yb-171	TALYS-6a	0		100
Hf-175(n,2na)Yb-170	TALYS-6a	0	[8]	43
Hf-175(n,3na)Yb-169g	TALYS-6a	0		29
Hf-175(n,3na)Yb-169m	TALYS-6a	0		29
Hf-175(n,n'p)Lu-174g	TALYS-6a	0		49
Hf-175(n,n'p)Lu-174m	TALYS-6a	0		48
Hf-175(n,n'2a)Er-167g	TALYS-6a	0		100
Hf-175(n,n'2a)Er-167m	TALYS-6a	0		100
Hf-175(n,2n2a)Er-166	TALYS-6a	0	[8]	31
Hf-175(n,n'd)Lu-173	TALYS-6a	0	[8]	36
Hf-175(n,n't)Lu-172g	TALYS-6a	0		31
Hf-175(n,n't)Lu-172m	TALYS-6a	0		31
Hf-175(n,n'h)Yb-172	TALYS-6a	0	[8]	31
Hf-175(n,n'd2a)Ho-165	TALYS-6a	0	[8]	16
Hf-175(n,4n)Hf-172	TALYS-6a	0		24
Hf-175(n,2np)Lu-173	TALYS-6a	0	[8]	33
Hf-175(n,3np)Lu-172g	TALYS-6a	0		24
Hf-175(n,3np)Lu-172m	TALYS-6a	0		24
Hf-175(n,n'2p)Yb-173	TALYS-6a	0	[8]	30
Hf-175(n,n'pa)Tm-170	TALYS-6a	0	[8]	35
Hf-175(n,g)Hf-176	MASGAM	0	[14,13]	83
Hf-175(n,p)Lu-175	TALYS-6a	0	[2]	100
Hf-175(n,d)Lu-174g	TALYS-6a	0		56
Hf-175(n,d)Lu-174m	TALYS-6a	0		55
Hf-175(n,t)Lu-173	TALYS-6a	0	[8]	52
Hf-175(n,h)Yb-173	TALYS-6a	0	[8]	43
Hf-175(n,a)Yb-172	TALYS-6a	0	[2]	100
Hf-175(n,2p)Yb-174	TALYS-6a	0	[8]	45
Hf-175(n,pa)Tm-171	TALYS-6a	0		100
Hf-175(n,pd)Yb-173	TALYS-6a	0	[8]	31
Hf-175(n,da)Tm-170	TALYS-6a	0	[8]	37
+Hf-175(n,5n)Hf-171g	TALYS-6a	0		16
+Hf-175(n,5n)Hf-171m	TALYS-6a	0		16
Hf-175(n,6n)Hf-170	TALYS-6a	0		12
Hf-175(n,2nt)Lu-171g	TALYS-6a	0		24
Hf-175(n,2nt)Lu-171m	TALYS-6a	0		24
Hf-175(n,4np)Lu-171g	TALYS-6a	0		17
Hf-175(n,4np)Lu-171m	TALYS-6a	0		17
Hf-175(n,3nd)Lu-171g	TALYS-6a	0		19
Hf-175(n,3nd)Lu-171m	TALYS-6a	0		19
Hf-175(n,n'da)Tm-169	TALYS-6a	0	[8]	28
Hf-175(n,2npa)Tm-169	TALYS-6a	0	[8]	27
Hf-175(n,7n)Hf-169	TALYS-6a	0		7
Hf-175(n,5np)Lu-170g	TALYS-6a	0		13
Hf-175(n,5np)Lu-170m	TALYS-6a	0		13
Hf-175(n,6np)Lu-169g	TALYS-6a	0		9
Hf-175(n,6np)Lu-169m	TALYS-6a	0		9
Hf-175(n,4na)Yb-168	TALYS-6a	0	[8]	22
Hf-175(n,5na)Yb-167	TALYS-6a	0	[8]	15
Hf-175(n,6na)Yb-166	TALYS-6a	0	[8]	11
Hf-175(n,4nd)Lu-170g	TALYS-6a	0		13
Hf-175(n,4nd)Lu-170m	TALYS-6a	0		13
Hf-175(n,5nd)Lu-169g	TALYS-6a	0		10
Hf-175(n,5nd)Lu-169m	TALYS-6a	0		10
Hf-175(n,3nt)Lu-170g	TALYS-6a	0		16
Hf-175(n,3nt)Lu-170m	TALYS-6a	0		16
Hf-175(n,4nt)Lu-169g	TALYS-6a	0		12
Hf-175(n,4nt)Lu-169m	TALYS-6a	0		12
Hf-175(n,5nt)Lu-168g	TALYS-6a	0		8
Hf-175(n,5nt)Lu-168m	TALYS-6a	0		8
Hf-175(n,2nh)Yb-171	TALYS-6a	0	[8]	23
Hf-175(n,3nh)Yb-170	TALYS-6a	0	[8]	16
Hf-175(n,4nh)Yb-169g	TALYS-6a	0		12
Hf-175(n,4nh)Yb-169m	TALYS-6a	0		12
Hf-175(n,3n2p)Yb-171	TALYS-6a	0	[8]	16
Hf-175(n,3n2a)Er-165	TALYS-6a	0	[8]	22
Hf-175(n,3npa)Tm-168	TALYS-6a	0	[8]	19
Hf-175(n,n'pd)Yb-172	TALYS-6a	0	[8]	25
Hf-175(n,n'pt)Yb-171	TALYS-6a	0	[8]	23
Hf-175(n,n'dt)Yb-170	TALYS-6a	0	[8]	16
Hf-175(n,n'ta)Tm-168	TALYS-6a	0	[8]	25
Hf-175(n,2n2p)Yb-172	TALYS-6a	0	[8]	24
Hf-175(n,4n2p)Yb-170	TALYS-6a	0	[8]	13
Hf-175(n,4n2a)Er-164	TALYS-6a	0	[8]	16
Hf-175(n,4npa)Tm-167	TALYS-6a	0	[8]	14
Hf-175(n,5n2p)Yb-169g	TALYS-6a	0		9
Hf-175(n,5n2p)Yb-169m	TALYS-6a	0		8
Hf-176(n,2nd)Lu-173	TALYS-6a	0	[8]	26
Hf-176(n,2n)Hf-175	ADL-3	6	[13]	44
Hf-176(n,3n)Hf-174	TALYS-6a	0		32
Hf-176(n,n'a)Yb-172	TALYS-6a	0		100
Hf-176(n,2na)Yb-171	TALYS-6a	0	[8]	40
Hf-176(n,3na)Yb-170	TALYS-6a	0	[8]	29
Hf-176(n,n'p)Lu-175	TALYS-6a	0	[8]	47
Hf-176(n,n'2a)Er-168	TALYS-6a	0		100
Hf-176(n,2n2a)Er-167g	TALYS-6a	0		29
Hf-176(n,2n2a)Er-167m	TALYS-6a	0		28
Hf-176(n,n'd)Lu-174g	TALYS-6a	0		33
Hf-176(n,n'd)Lu-174m	TALYS-6a	0		33
Hf-176(n,n't)Lu-173	TALYS-6a	0	[8]	31
Hf-176(n,n'h)Yb-173	TALYS-6a	0	[8]	29
Hf-176(n,4n)Hf-173	TALYS-6a	0		23
Hf-176(n,2np)Lu-174g	TALYS-6a	0		31
Hf-176(n,2np)Lu-174m	TALYS-6a	0		31
Hf-176(n,3np)Lu-173	TALYS-6a	0	[8]	24
Hf-176(n,n'2p)Yb-174	TALYS-6a	0	[8]	30
Hf-176(n,n'pa)Tm-171	TALYS-6a	0		34
Hf-176(n,g)Hf-177g	JEF-2.2	4	[9,2,4,6,4]	
10529				

Hf-176(n,g)Hf-177m	JEF-2.2	0 [9,2,7,4,6]		
10529				
Hf-176(n,g)Hf-177n	JEF-2.2	0 [9,2,7,4,6]		
10529				
Hf-176(n,p)Lu-176g	TALYS-6a	0 [2]		77
Hf-176(n,p)Lu-176m	TALYS-6a	0 [2]		78
Hf-176(n,d)Lu-175	TALYS-6a	0 [8]		54
Hf-176(n,t)Lu-174g	TALYS-6a	0		45
Hf-176(n,t)Lu-174m	TALYS-6a	0		45
Hf-176(n,h)Yb-174	TALYS-6a	0 [8]		41
Hf-176(n,a)Yb-173	TALYS-6a	0 [9,2,3]		
10279				
Hf-176(n,2p)Yb-175	TALYS-6a	0 [8]		39
Hf-176(n,pa)Tm-172	TALYS-6a	0		100
Hf-176(n,pd)Yb-174	TALYS-6a	0 [8]		31
Hf-176(n,da)Tm-171	TALYS-6a	0 [8]		35
Hf-176(n,5n)Hf-172	TALYS-6a	0		16
+Hf-176(n,6n)Hf-171g	TALYS-6a	0		12
+Hf-176(n,6n)Hf-171m	TALYS-6a	0		12
Hf-176(n,2nt)Lu-172g	TALYS-6a	0		23
Hf-176(n,2nt)Lu-172m	TALYS-6a	0		23
Hf-176(n,4np)Lu-172g	TALYS-6a	0		16
Hf-176(n,4np)Lu-172m	TALYS-6a	0		16
Hf-176(n,3nd)Lu-172g	TALYS-6a	0		17
Hf-176(n,3nd)Lu-172m	TALYS-6a	0		17
Hf-176(n,n'da)Tm-170	TALYS-6a	0 [8]		26
Hf-176(n,2npa)Tm-170	TALYS-6a	0 [8]		25
Hf-176(n,7n)Hf-170	TALYS-6a	0		8
Hf-176(n,5np)Lu-171g	TALYS-6a	0		13
Hf-176(n,5np)Lu-171m	TALYS-6a	0		13
Hf-176(n,6np)Lu-170g	TALYS-6a	0		8
Hf-176(n,6np)Lu-170m	TALYS-6a	0		8
Hf-176(n,4na)Yb-169g	TALYS-6a	0		20
Hf-176(n,4na)Yb-169m	TALYS-6a	0		20
Hf-176(n,5na)Yb-168	TALYS-6a	0 [8]		15
Hf-176(n,6na)Yb-167	TALYS-6a	0 [8]		10
Hf-176(n,7na)Yb-166	TALYS-6a	0 [8]		7
Hf-176(n,4nd)Lu-171g	TALYS-6a	0		13
Hf-176(n,4nd)Lu-171m	TALYS-6a	0		13
Hf-176(n,5nd)Lu-170g	TALYS-6a	0		9
Hf-176(n,5nd)Lu-170m	TALYS-6a	0		9
Hf-176(n,6nd)Lu-169g	TALYS-6a	0		5
Hf-176(n,6nd)Lu-169m	TALYS-6a	0		5
Hf-176(n,3nt)Lu-171g	TALYS-6a	0		16
Hf-176(n,3nt)Lu-171m	TALYS-6a	0		16
Hf-176(n,4nt)Lu-170g	TALYS-6a	0		12
Hf-176(n,4nt)Lu-170m	TALYS-6a	0		12
Hf-176(n,5nt)Lu-169g	TALYS-6a	0		8
Hf-176(n,5nt)Lu-169m	TALYS-6a	0		8
Hf-176(n,2nh)Yb-172	TALYS-6a	0 [8]		23
Hf-176(n,3nh)Yb-171	TALYS-6a	0 [8]		16
Hf-176(n,4nh)Yb-170	TALYS-6a	0 [8]		12
Hf-176(n,3n2p)Yb-172	TALYS-6a	0 [8]		16
Hf-176(n,3n2a)Er-166	TALYS-6a	0 [8]		22
Hf-176(n,3npa)Tm-169	TALYS-6a	0 [8]		18
Hf-176(n,n'pd)Yb-173	TALYS-6a	0 [8]		23
Hf-176(n,n'pt)Yb-172	TALYS-6a	0 [8]		22
Hf-176(n,n'dt)Yb-171	TALYS-6a	0 [8]		16
Hf-176(n,n'ta)Tm-169	TALYS-6a	0 [8]		25
Hf-176(n,2n2p)Yb-173	TALYS-6a	0 [8]		22
Hf-176(n,4n2p)Yb-171	TALYS-6a	0 [8]		12
Hf-176(n,4n2a)Er-165	TALYS-6a	0 [8]		15
Hf-176(n,4npa)Tm-168	TALYS-6a	0 [8]		13
Hf-176(n,5n2p)Yb-170	TALYS-6a	0 [8]		9
Hf-177(n,n')Hf-177m	ADL-3	0 [13,4,5]		55
Hf-177(n,n')Hf-177n	ADL-3	5 [13,4,4,5]		55
Hf-177(n,2nd)Lu-174g	TALYS-6a	0		26
Hf-177(n,2nd)Lu-174m	TALYS-6a	0		26
Hf-177(n,2n)Hf-176	TALYS-6a	0		53
Hf-177(n,3n)Hf-175	TALYS-6a	0		32
Hf-177(n,n'a)Yb-173	TALYS-6a	0		100
Hf-177(n,2na)Yb-172	TALYS-6a	0 [8]		43
Hf-177(n,3na)Yb-171	TALYS-6a	0 [8]		29
Hf-177(n,n'p)Lu-176g	TALYS-6a	0		46
Hf-177(n,n'p)Lu-176m	TALYS-6a	0		45
Hf-177(n,n'2a)Er-169	TALYS-6a	0		100
Hf-177(n,2n2a)Er-168	TALYS-6a	0 [8]		30
Hf-177(n,n'd)Lu-175	TALYS-6a	0 [8]		36
Hf-177(n,n't)Lu-174g	TALYS-6a	0		32
Hf-177(n,n't)Lu-174m	TALYS-6a	0		32
Hf-177(n,n'h)Yb-174	TALYS-6a	0 [8]		30
Hf-177(n,4n)Hf-174	TALYS-6a	0		25
Hf-177(n,2np)Lu-175	TALYS-6a	0 [8]		33
Hf-177(n,3np)Lu-174g	TALYS-6a	0		24
Hf-177(n,3np)Lu-174m	TALYS-6a	0		24
Hf-177(n,n'2p)Yb-175	TALYS-6a	0 [8]		28
Hf-177(n,n'pa)Tm-172	TALYS-6a	0 [8]		33
Hf-177(n,g)Hf-178g	JENDL-3.3	4 [9,2,14,4,6]		
16276				
Hf-177(n,g)Hf-178m	JENDL-3.3	2 [9,2,14,7,4,6]		
16276				
Hf-177(n,g)Hf-178n	JENDL-3.3	2 [9,2,14,7,4,6]		
16276				
Hf-177(n,p)Lu-177g	TALYS-6a	0 [4,2]		100
Hf-177(n,p)Lu-177m	TALYS-6a	0 [7,4,7,8,2,10,10]		83
+Hf-177(n,p)Lu-177n	TALYS-6a	0 [7,4,7,8,10]		66
Hf-177(n,d)Lu-176g	TALYS-6a	0		53
Hf-177(n,d)Lu-176m	TALYS-6a	0		52
Hf-177(n,t)Lu-175	TALYS-6a	0 [8]		51
Hf-177(n,h)Yb-175	TALYS-6a	0 [8]		40
Hf-177(n,a)Yb-174	ADL-3	2 [9,13,3,3]		
29867				
Hf-177(n,2p)Yb-176g	TALYS-6a	0		39
Hf-177(n,2p)Yb-176m	TALYS-6a	0		37
Hf-177(n,pd)Yb-175	TALYS-6a	0 [8]		30
Hf-177(n,5n)Hf-173	TALYS-6a	0		16
Hf-177(n,6n)Hf-172	TALYS-6a	0		13
Hf-177(n,2nt)Lu-173	TALYS-6a	0 [8]		25
Hf-177(n,4np)Lu-173	TALYS-6a	0 [8]		18
Hf-177(n,3nd)Lu-173	TALYS-6a	0 [8]		19
Hf-177(n,n'da)Tm-171	TALYS-6a	0 [8]		27
Hf-177(n,2npa)Tm-171	TALYS-6a	0 [8]		26
+Hf-177(n,7n)Hf-171g	TALYS-6a	0		8
+Hf-177(n,7n)Hf-171m	TALYS-6a	0		8
Hf-177(n,5np)Lu-172g	TALYS-6a	0		13
Hf-177(n,5np)Lu-172m	TALYS-6a	0		13
Hf-177(n,6np)Lu-171g	TALYS-6a	0		10
Hf-177(n,6np)Lu-171m	TALYS-6a	0		10
Hf-177(n,4na)Yb-170	TALYS-6a	0 [8]		23
Hf-177(n,5na)Yb-169g	TALYS-6a	0		15
Hf-177(n,5na)Yb-169m	TALYS-6a	0		15
Hf-177(n,6na)Yb-168	TALYS-6a	0 [8]		12
Hf-177(n,7na)Yb-167	TALYS-6a	0 [8]		7
Hf-177(n,4nd)Lu-172g	TALYS-6a	0		14
Hf-177(n,4nd)Lu-172m	TALYS-6a	0		14
Hf-177(n,5nd)Lu-171g	TALYS-6a	0		10
Hf-177(n,5nd)Lu-171m	TALYS-6a	0		10
Hf-177(n,6nd)Lu-170g	TALYS-6a	0		6
Hf-177(n,6nd)Lu-170m	TALYS-6a	0		6
Hf-177(n,3nt)Lu-172g	TALYS-6a	0		16
Hf-177(n,3nt)Lu-172m	TALYS-6a	0		16
Hf-177(n,4nt)Lu-171g	TALYS-6a	0		13
Hf-177(n,4nt)Lu-171m	TALYS-6a	0		13
Hf-177(n,5nt)Lu-170g	TALYS-6a	0		8
Hf-177(n,5nt)Lu-170m	TALYS-6a	0		9
Hf-177(n,2nh)Yb-173	TALYS-6a	0 [8]		23
Hf-177(n,3nh)Yb-172	TALYS-6a	0 [8]		17
Hf-177(n,4nh)Yb-171	TALYS-6a	0 [8]		12
Hf-177(n,3n2p)Yb-173	TALYS-6a	0 [8]		16
Hf-177(n,3n2a)Er-167g	TALYS-6a	0		22
Hf-177(n,3n2a)Er-167m	TALYS-6a	0		21
Hf-177(n,3npa)Tm-170	TALYS-6a	0 [8]		18
Hf-177(n,n'pd)Yb-174	TALYS-6a	0 [8]		24
Hf-177(n,n'pt)Yb-173	TALYS-6a	0 [8]		22
Hf-177(n,n'dt)Yb-172	TALYS-6a	0 [8]		16
Hf-177(n,n'ta)Tm-170	TALYS-6a	0 [8]		25
Hf-177(n,2n2p)Yb-174	TALYS-6a	0 [8]		23
Hf-177(n,4n2p)Yb-172	TALYS-6a	0 [8]		13
Hf-177(n,4n2a)Er-166	TALYS-6a	0 [8]		16
Hf-177(n,4npa)Tm-169	TALYS-6a	0 [8]		14
Hf-177(n,5n2p)Yb-171	TALYS-6a	0 [8]		9
Hf-178(n,n')Hf-178m	TALYS-6a	0		80
Hf-178(n,n')Hf-178n	TALYS-6a	0		80
Hf-178(n,2nd)Lu-175	TALYS-6a	0 [8]		26
Hf-178(n,2n)Hf-177g	TALYS-6a	0 [4]		47
Hf-178(n,2n)Hf-177m	TALYS-6a	0 [4,7,8]		43
Hf-178(n,2n)Hf-177n	TALYS-6a	0 [4,7,8]		40
Hf-178(n,3n)Hf-176	TALYS-6a	0		33
Hf-178(n,n'a)Yb-174	TALYS-6a	0		100
Hf-178(n,2na)Yb-173	TALYS-6a	0 [8]		41
Hf-178(n,3na)Yb-172	TALYS-6a	0 [8]		30
Hf-178(n,n'p)Lu-177g	TALYS-6a	0 [4,8]		44
Hf-178(n,n'p)Lu-177m	TALYS-6a	0 [4,7,8,8]		43
+Hf-178(n,n'p)Lu-177n	TALYS-6a	0 [4,7,8,8]		37
Hf-178(n,n'2a)Er-170	TALYS-6a	0		100
Hf-178(n,2n2a)Er-169	TALYS-6a	0 [8]		28
Hf-178(n,n'd)Lu-176g	TALYS-6a	0		33
Hf-178(n,n'd)Lu-176m	TALYS-6a	0		33
Hf-178(n,n't)Lu-175	TALYS-6a	0 [8]		32
Hf-178(n,n'h)Yb-175	TALYS-6a	0 [8]		28
Hf-178(n,4n)Hf-175	TALYS-6a	0		24
Hf-178(n,2np)Lu-176g	TALYS-6a	0		31
Hf-178(n,2np)Lu-176m	TALYS-6a	0		31
Hf-178(n,3np)Lu-175	TALYS-6a	0 [8]		24
Hf-178(n,n'2p)Yb-176g	TALYS-6a	0		27
Hf-178(n,n'2p)Yb-176m	TALYS-6a	0		26
Hf-178(n,n'pa)Tm-173	TALYS-6a	0 [8]		32
Hf-178(n,g)Hf-179g	JEF-2.2	2 [9,2,4,6]		
12892				
Hf-178(n,g)Hf-179m	JEF-2.2	2 [9,2,7,4,6]		
12892				
Hf-178(n,g)Hf-179n	JEF-2.2	2 [9,2,7,4,6]		
12892				
Hf-178(n,p)Lu-178g	ADL-3	5 [13,3,7,8,4]		44
Hf-178(n,p)Lu-178m	ADL-3	6 [13,3,7,8]		44
Hf-178(n,d)Lu-177g	TALYS-6a	0 [4,8]		50
Hf-178(n,d)Lu-177m	TALYS-6a	0 [4,7,8,8]		49
+Hf-178(n,d)Lu-177n	TALYS-6a	0 [4,7,8,8]		41
Hf-178(n,t)Lu-176g	TALYS-6a	0		45
Hf-178(n,t)Lu-176m	TALYS-6a	0		45
Hf-178(n,h)Yb-176g	TALYS-6a	0		38
Hf-178(n,h)Yb-176m	TALYS-6a	0		37
Hf-178(n,a)Yb-175	TALYS-5	4 [9,3,3]		
12623				
Hf-178(n,2p)Yb-177g	TALYS-6a	0		35
Hf-178(n,2p)Yb-177m	TALYS-6a	0		34
Hf-178(n,pd)Yb-176g	TALYS-6a	0		29
Hf-178(n,pd)Yb-176m	TALYS-6a	0		27
Hf-178(n,5n)Hf-174	TALYS-6a	0		17
Hf-178(n,6n)Hf-173	TALYS-6a	0		13
Hf-178(n,2nt)Lu-174g	TALYS-6a	0		24
Hf-178(n,2nt)Lu-174m	TALYS-6a	0		24
Hf-178(n,4np)Lu-174g	TALYS-6a	0		17
Hf-178(n,4np)Lu-174m	TALYS-6a	0		17
Hf-178(n,3nd)Lu-174g	TALYS-6a	0		18
Hf-178(n,3nd)Lu-174m	TALYS-6a	0		18
Hf-178(n,n'da)Tm-172	TALYS-6a	0 [8]		25
Hf-178(n,2npa)Tm-172	TALYS-6a	0 [8]		24
Hf-178(n,7n)Hf-172	TALYS-6a	0		9
+Hf-178(n,8n)Hf-171g	TALYS-6a	0		5
+Hf-178(n,8n)Hf-171m	TALYS-6a	0		5
Hf-178(n,5np)Lu-173	TALYS-6a	0 [8]		13
Hf-178(n,6np)Lu-172g	TALYS-6a	0		9
Hf-178(n,6np)Lu-172m	TALYS-6a	0		9
Hf-178(n,7np)Lu-171g	TALYS-6a	0		6
Hf-178(n,7np)Lu-171m	TALYS-6a	0		6
Hf-178(n,4na)Yb-171	TALYS-6a	0 [8]		22
Hf-178(n,5na)Yb-170	TALYS-6a	0 [8]		16

Hf-178(n,6na)Yb-169g	TALYS-6a	0		11	Hf-179(n,n'2p)Yb-177m	TALYS-6a	0 [4,7,8,8]	26
Hf-178(n,6na)Yb-169m	TALYS-6a	0		11	Hf-179(n,n'pa)Tm-174	TALYS-6a	0 [8]	30
Hf-178(n,7na)Yb-168	TALYS-6a	0 [8]		8	Hf-179(n,g)Hf-180g	JEF-2.2	4 [9,2,14,4,6]	
Hf-178(n,4nd)Lu-173	TALYS-6a	0 [8]		14	19468			
Hf-178(n,5nd)Lu-172g	TALYS-6a	0		10	Hf-179(n,g)Hf-180m	JEF-2.2	2 [9,2,14,7,4,6]	
Hf-178(n,5nd)Lu-172m	TALYS-6a	0		10	19468			
Hf-178(n,6nd)Lu-171g	TALYS-6a	0		6	Hf-179(n,p)Lu-179	TALYS-5	5 [3,8]	77
Hf-178(n,6nd)Lu-171m	TALYS-6a	0		6	Hf-179(n,d)Lu-178g	TALYS-6a	0	49
Hf-178(n,3nt)Lu-173	TALYS-6a	0 [8]		17	Hf-179(n,d)Lu-178m	TALYS-6a	0	49
Hf-178(n,4nt)Lu-172g	TALYS-6a	0		13	Hf-179(n,t)Lu-177g	TALYS-6a	0 [4,8]	49
Hf-178(n,4nt)Lu-172m	TALYS-6a	0		13	Hf-179(n,t)Lu-177m	TALYS-6a	0 [4,7,8,8]	48
Hf-178(n,5nt)Lu-171g	TALYS-6a	0		9	+Hf-179(n,t)Lu-177n	TALYS-6a	0 [4,7,8,8]	42
Hf-178(n,5nt)Lu-171m	TALYS-6a	0		9	Hf-179(n,h)Yb-177g	TALYS-6a	0 [4,8]	36
Hf-178(n,6nt)Lu-170g	TALYS-6a	0		5	Hf-179(n,h)Yb-177m	TALYS-6a	0 [4,7,8,8]	35
Hf-178(n,6nt)Lu-170m	TALYS-6a	0		5	Hf-179(n,a)Yb-176g	TALYS-6a	0 [9,2,3]	
Hf-178(n,2nh)Yb-174	TALYS-6a	0 [8]		22	19229			
Hf-178(n,3nh)Yb-173	TALYS-6a	0 [8]		16	Hf-179(n,a)Yb-176m	TALYS-6a	0 [9,2,3]	
Hf-178(n,4nh)Yb-172	TALYS-6a	0 [8]		13	19229			
Hf-178(n,3n2p)Yb-174	TALYS-6a	0 [8]		16	Hf-179(n,2p)Yb-178	TALYS-6a	0 [8]	35
Hf-178(n,3n2a)Er-168	TALYS-6a	0 [8]		21	Hf-179(n,pd)Yb-177g	TALYS-6a	0 [4,8]	28
Hf-178(n,3npa)Tm-171	TALYS-6a	0 [8]		18	Hf-179(n,pd)Yb-177m	TALYS-6a	0 [4,7,8,8]	27
Hf-178(n,n'pd)Yb-175	TALYS-6a	0 [8]		22	Hf-179(n,5n)Hf-175	TALYS-6a	0	18
Hf-178(n,n'pt)Yb-174	TALYS-6a	0 [8]		22	Hf-179(n,6n)Hf-174	TALYS-6a	0	14
Hf-178(n,n'ta)Tm-171	TALYS-6a	0 [8]		25	Hf-179(n,2nt)Lu-175	TALYS-6a	0 [8]	26
Hf-178(n,2n2p)Yb-175	TALYS-6a	0 [8]		20	Hf-179(n,4np)Lu-175	TALYS-6a	0 [8]	18
Hf-178(n,4n2p)Yb-173	TALYS-6a	0 [8]		12	Hf-179(n,3nd)Lu-175	TALYS-6a	0 [8]	20
Hf-178(n,4n2a)Er-167g	TALYS-6a	0		15	Hf-179(n,n'da)Tm-173	TALYS-6a	0 [8]	26
Hf-178(n,4n2a)Er-167m	TALYS-6a	0		15	Hf-179(n,2npa)Tm-173	TALYS-6a	0 [8]	25
Hf-178(n,4npa)Tm-170	TALYS-6a	0 [8]		13	Hf-179(n,7n)Hf-173	TALYS-6a	0	10
Hf-178(n,5n2p)Yb-172	TALYS-6a	0 [8]		9	Hf-179(n,8n)Hf-172	TALYS-6a	0	6
Hf-178n(n,n')Hf-178g	TALYS-6	0 [8]		97	Hf-179(n,5np)Lu-174g	TALYS-6a	0	14
Hf-178n(n,n')Hf-178m	TALYS-6	0 [8]		97	Hf-179(n,5np)Lu-174m	TALYS-6a	0	14
Hf-178n(n,2n)Hf-177g	IEAF-2001	0 [2,5,7,8]		54	Hf-179(n,6np)Lu-173	TALYS-6a	0 [8]	10
Hf-178n(n,2n)Hf-177m	IEAF-2001	0 [2,5,7,8]		53	Hf-179(n,7np)Lu-172g	TALYS-6a	0	6
Hf-178n(n,2n)Hf-177n	IEAF-2001	0 [2,5,7,8]		51	Hf-179(n,7np)Lu-172m	TALYS-6a	0	6
Hf-178n(n,3n)Hf-176	TALYS-6	0		38	Hf-179(n,4na)Yb-172	TALYS-6a	0 [8]	23
Hf-178n(n,n'a)Yb-174	TALYS-6	0		100	Hf-179(n,5na)Yb-171	TALYS-6a	0 [8]	16
Hf-178n(n,2na)Yb-173	TALYS-6	0 [8]		46	Hf-179(n,6na)Yb-170	TALYS-6a	0 [8]	13
Hf-178n(n,3na)Yb-172	TALYS-6	0 [8]		32	Hf-179(n,7na)Yb-169g	TALYS-6a	0	8
>Hf-178n(n,n'p)Lu-177g	TALYS-6	0 [4]		53	Hf-179(n,7na)Yb-169m	TALYS-6a	0	8
>Hf-178n(n,n'p)Lu-177m	TALYS-6	0 [4,7,8]		50	Hf-179(n,4nd)Lu-174g	TALYS-6a	0	14
+Hf-178n(n,n'p)Lu-177n	TALYS-6	0 [4,7,8]		43	Hf-179(n,4nd)Lu-174m	TALYS-6a	0	14
Hf-178n(n,2n2a)Er-169	TALYS-6	0 [8]		30	Hf-179(n,5nd)Lu-173	TALYS-6a	0 [8]	11
Hf-178n(n,n'd)Lu-176g	TALYS-6	0		38	Hf-179(n,6nd)Lu-172g	TALYS-6a	0	7
Hf-178n(n,n'd)Lu-176m	TALYS-6	0		37	Hf-179(n,6nd)Lu-172m	TALYS-6a	0	7
Hf-178n(n,n't)Lu-175	TALYS-6	0 [8]		37	Hf-179(n,3nt)Lu-174g	TALYS-6a	0	18
Hf-178n(n,4n)Hf-175	TALYS-6	0		27	Hf-179(n,3nt)Lu-174m	TALYS-6a	0	18
Hf-178n(n,g)Hf-179g	JEF-2.2	0 [9,2,7,4,6]			Hf-179(n,4nt)Lu-173	TALYS-6a	0 [8]	14
12892					Hf-179(n,5nt)Lu-172g	TALYS-6a	0	9
Hf-178n(n,g)Hf-179m	JEF-2.2	0 [9,2,7,4,6]			Hf-179(n,5nt)Lu-172m	TALYS-6a	0	9
12892					Hf-179(n,6nt)Lu-171g	TALYS-6a	0	6
Hf-178n(n,g)Hf-179n	JEF-2.2	0 [9,2,7,4,6]			Hf-179(n,6nt)Lu-171m	TALYS-6a	0	6
12892					Hf-179(n,2nh)Yb-175	TALYS-6a	0 [8]	22
Hf-178n(n,p)Lu-178g	TALYS-6	0 [2]		100	Hf-179(n,3nh)Yb-174	TALYS-6a	0 [8]	16
Hf-178n(n,p)Lu-178m	TALYS-6	0 [7,2]		100	Hf-179(n,4nh)Yb-173	TALYS-6a	0 [8]	13
>Hf-178n(n,d)Lu-177g	TALYS-6	0 [4]		59	Hf-179(n,3n2p)Yb-175	TALYS-6a	0 [8]	15
>Hf-178n(n,d)Lu-177m	TALYS-6	0 [4,7,8]		58	Hf-179(n,3n2a)Er-169	TALYS-6a	0 [8]	21
+Hf-178n(n,d)Lu-177n	TALYS-6	0 [4,7,8]		51	Hf-179(n,3npa)Tm-172	TALYS-6a	0 [8]	18
Hf-178n(n,t)Lu-176g	TALYS-6	0		55	Hf-179(n,n'pd)Yb-176g	TALYS-6a	0	22
Hf-178n(n,t)Lu-176m	TALYS-6	0		51	Hf-179(n,n'pd)Yb-176m	TALYS-6a	0	21
Hf-178n(n,h)Yb-176g	TALYS-6	0		36	Hf-179(n,n'ta)Tm-172	TALYS-6a	0 [8]	25
Hf-178n(n,h)Yb-176m	TALYS-6	0		38	Hf-179(n,2n2p)Yb-176g	TALYS-6a	0	21
Hf-178n(n,a)Yb-175	TALYS-6	0 [2]		100	Hf-179(n,2n2p)Yb-176m	TALYS-6a	0	20
Hf-178n(n,2p)Yb-177g	TALYS-6	0		37	Hf-179(n,4n2p)Yb-174	TALYS-6a	0 [8]	12
Hf-178n(n,2p)Yb-177m	TALYS-6	0		33	Hf-179(n,4n2a)Er-168	TALYS-6a	0 [8]	16
Hf-178n(n,da)Tm-173	TALYS-6	0 [8]		38	Hf-179(n,4npa)Tm-171	TALYS-6a	0 [8]	14
Hf-178n(n,5n)Hf-174	TALYS-6	0		20	Hf-179(n,5n2p)Yb-173	TALYS-6a	0 [8]	9
Hf-178n(n,6n)Hf-173	TALYS-6	0		14	Hf-179n(n,n')Hf-179g	ADL-3	1 [13,8,10,4,15]	45
Hf-178n(n,2nt)Lu-174g	TALYS-6	0		26	Hf-179n(n,n')Hf-179m	TALYS-6	0 [8]	97
Hf-178n(n,2nt)Lu-174m	TALYS-6	0		26	Hf-179n(n,2n)Hf-178g	IEAF-2001	0 [2,5,7,8]	56
Hf-178n(n,ta)Tm-172	TALYS-6	0 [8]		36	Hf-179n(n,2n)Hf-178m	IEAF-2001	0 [2,5,7,8]	55
Hf-178n(n,7n)Hf-172	TALYS-6	0		10	Hf-179n(n,2n)Hf-178n	IEAF-2001	0 [2,5,7,8]	53
Hf-178n(n,4na)Yb-171	TALYS-6	0 [8]		24	Hf-179n(n,3n)Hf-177g	TALYS-6	0	36
Hf-178n(n,5na)Yb-170	TALYS-6	0 [8]		17	Hf-179n(n,3n)Hf-177m	TALYS-6	0	33
Hf-178n(n,6na)Yb-169g	TALYS-6	0		12	Hf-179n(n,3n)Hf-177n	TALYS-6	0	31
Hf-178n(n,6na)Yb-169m	TALYS-6	0		12	Hf-179n(n,n'a)Yb-175	TALYS-6	0	100
Hf-178n(n,3nt)Lu-173	TALYS-6	0 [8]		19	Hf-179n(n,n'p)Lu-178g	TALYS-6	0	46
Hf-178n(n,3n2a)Er-168	TALYS-6	0 [8]		24	Hf-179n(n,n'p)Lu-178m	TALYS-6	0	47
Hf-178n(n,n'ta)Tm-171	TALYS-6	0		27	>Hf-179n(n,n'd)Lu-177g	TALYS-6	0 [4]	37
Hf-179(n,n')Hf-179m	TALYS-5	3 [3]		87	>Hf-179n(n,n'd)Lu-177m	TALYS-6	0 [4,7,8]	35
Hf-179(n,n')Hf-179n	ADL-3	3 [13,4,8,3,4,5,7]		56	+Hf-179n(n,n'd)Lu-177n	TALYS-6	0 [4,7,8]	32
Hf-179(n,2nd)Lu-176g	TALYS-6a	0		26	Hf-179n(n,n't)Lu-176g	TALYS-6	0	35
Hf-179(n,2nd)Lu-176m	TALYS-6a	0		26	Hf-179n(n,n't)Lu-176m	TALYS-6	0	34
Hf-179(n,2n)Hf-178g	TALYS-6a	0 [4]		55	Hf-179n(n,g)Hf-180g	JEF-2.2	0 [9,2,14,7,4,6]	
Hf-179(n,2n)Hf-178m	ADL-3/I	2 [13,8]		43	19468			
Hf-179(n,2n)Hf-178n	CRP	4 [13,8,7,8]		41	Hf-179n(n,g)Hf-180m	JEF-2.2	0 [9,2,14,4,6]	
Hf-179(n,3n)Hf-177g	TALYS-6a	0 [4]		34	19468			
Hf-179(n,3n)Hf-177m	TALYS-6a	0 [4,7,8]		30	Hf-179n(n,p)Lu-179	TALYS-6	0 [2]	100
Hf-179(n,3n)Hf-177n	TALYS-6a	0 [4,7,8]		29	Hf-179n(n,d)Lu-178g	TALYS-6	0	52
Hf-179(n,n'a)Yb-175	TALYS-6a	0		100	Hf-179n(n,d)Lu-178m	TALYS-6	0	55
Hf-179(n,2na)Yb-174	TALYS-6a	0 [8]		44	>Hf-179n(n,t)Lu-177g	TALYS-6	0 [4]	53
Hf-179(n,3na)Yb-173	TALYS-6a	0 [8]		30	>Hf-179n(n,t)Lu-177m	TALYS-6	0 [4,7,8]	50
Hf-179(n,n'p)Lu-178g	TALYS-5a	0		44	+Hf-179n(n,t)Lu-177n	TALYS-6	0 [4,7,8]	46
Hf-179(n,n'p)Lu-178m	TALYS-5a	1		44	Hf-179n(n,h)Yb-177g	TALYS-6	0	36
Hf-179(n,2n2a)Er-170	TALYS-6a	0 [8]		29	Hf-179n(n,h)Yb-177m	TALYS-6	0	33
Hf-179(n,n'd)Lu-177g	TALYS-6a	0 [4,8]		35	Hf-179n(n,a)Yb-176g	TALYS-6	0 [2]	100
Hf-179(n,n'd)Lu-177m	TALYS-6a	0 [4,7,8,8]		34	Hf-179n(n,a)Yb-176m	TALYS-6	0 [2]	100
+Hf-179(n,n'd)Lu-177n	TALYS-6a	0 [4,7,8,8]		29	Hf-179n(n,2p)Yb-178	TALYS-6	0 [8]	35
Hf-179(n,n't)Lu-176g	TALYS-6a	0		32	Hf-180(n,n')Hf-180m	TALYS-5	6	80
Hf-179(n,n't)Lu-176m	TALYS-6a	0		32	Hf-180(n,2nd)Lu-177g	TALYS-6a	0 [4,8]	26
Hf-179(n,n'h)Yb-176g	TALYS-6a	0		29	Hf-180(n,2nd)Lu-177m	TALYS-6a	0 [4,7,8,8]	25
Hf-179(n,n'h)Yb-176m	TALYS-6a	0		28	+Hf-180(n,2nd)Lu-177n	TALYS-6a	0 [4,7,8,8]	22
Hf-179(n,4n)Hf-176	TALYS-6a	0		26	Hf-180(n,2n)Hf-179g	TALYS-6a	0 [4]	48
Hf-179(n,2np)Lu-177g	TALYS-6a	0 [4,8]		32	Hf-180(n,2n)Hf-179m	TALYS-5	6 [4,7,8,3]	45
Hf-179(n,2np)Lu-177m	TALYS-6a	0 [4,7,8,8]		31	Hf-180(n,2n)Hf-179n	JENDL-3.3	2 [13,4,7,8,3]	94
+Hf-179(n,2np)Lu-177n	TALYS-6a	0 [4,7,8,8]		27	Hf-180(n,3n)Hf-178g	TALYS-6a	0 [4]	34
Hf-179(n,3np)Lu-176g	TALYS-6a	0		25	Hf-180(n,3n)Hf-178m	TALYS-6a	0 [4,7,8]	31
Hf-179(n,3np)Lu-176m	TALYS-6a	0		25	Hf-180(n,3n)Hf-178n	TALYS-6a	0 [4,7,8]	29
Hf-179(n,n'2p)Yb-177g	TALYS-6a	0 [4,8]		27	Hf-180(n,n'a)Yb-176g	TALYS-6a	0	100

Reaction	Source			
Hf-180(n,n'a)Yb-176m	TALYS-6a	0		100
Hf-180(n,2na)Yb-175	TALYS-6a	0	[8]	40
Hf-180(n,3na)Yb-174	TALYS-6a	0	[8]	30
Hf-180(n,n'p)Lu-179	TALYS-6a	0	[8]	43
Hf-180(n,2n2a)Er-171	TALYS-6a	0	[8]	27
Hf-180(n,n'd)Lu-178g	TALYS-6a	0		32
Hf-180(n,n'd)Lu-178m	TALYS-6a	0		32
Hf-180(n,n't)Lu-177g	TALYS-6a	0	[4,8]	32
Hf-180(n,n't)Lu-177m	TALYS-6a	0	[4,7,8,8]	31
+Hf-180(n,n't)Lu-177n	TALYS-6a	0	[4,7,8,8]	28
Hf-180(n,n'h)Yb-177g	TALYS-6a	0		27
Hf-180(n,n'h)Yb-177m	TALYS-6a	0		26
Hf-180(n,4n)Hf-177g	TALYS-6a	0	[4]	25
Hf-180(n,4n)Hf-177m	TALYS-6a	0	[4,7,8]	23
Hf-180(n,4n)Hf-177n	TALYS-6a	0	[4,7,8]	22
Hf-180(n,2np)Lu-178g	TALYS-6a	0		30
Hf-180(n,2np)Lu-178m	TALYS-6a	0		30
Hf-180(n,3np)Lu-177g	TALYS-6a	0	[4,8]	24
Hf-180(n,3np)Lu-177m	TALYS-6a	0	[4,7,8,8]	23
+Hf-180(n,3np)Lu-177n	TALYS-6a	0	[4,7,8,8]	20
Hf-180(n,n'2p)Yb-178	TALYS-6a	0	[8]	26
Hf-180(n,n'pa)Tm-175	TALYS-6a	0	[8]	30
Hf-180(n,g)Hf-181	JEF-2.2	5	[9,2]	
15425				
+Hf-180(n,p)Lu-180g	ENDF/B-VI.7	6	[13,4,7,8]	46
+Hf-180(n,p)Lu-180m	ENDF/B-VI.7	0	[13,4,7,8]	46
Hf-180(n,d)Lu-179	TALYS-6a	0	[8]	47
Hf-180(n,t)Lu-178g	TALYS-6a	0		44
Hf-180(n,t)Lu-178m	TALYS-6a	0		44
Hf-180(n,h)Yb-178	TALYS-6a	0	[8]	35
Hf-180(n,a)Yb-177g	TALYS-6a	0	[9,2,3]	
14806				
Hf-180(n,a)Yb-177m	TALYS-6a	0	[9,2,3]	
14806				
Hf-180(n,2p)Yb-179	TALYS-6a	0	[8,7,8]	28
Hf-180(n,pd)Yb-178	TALYS-6a	0	[8]	27
Hf-180(n,5n)Hf-176	TALYS-6a	0		19
Hf-180(n,6n)Hf-175	TALYS-6a	0		14
Hf-180(n,2nt)Lu-176g	TALYS-6a	0		24
Hf-180(n,2nt)Lu-176m	TALYS-6a	0		24
Hf-180(n,4np)Lu-176g	TALYS-6a	0		17
Hf-180(n,4np)Lu-176m	TALYS-6a	0		17
Hf-180(n,3nd)Lu-176g	TALYS-6a	0		19
Hf-180(n,3nd)Lu-176m	TALYS-6a	0		19
Hf-180(n,n'da)Tm-174	TALYS-6a	0	[8]	25
Hf-180(n,2npa)Tm-174	TALYS-6a	0	[8]	23
Hf-180(n,7n)Hf-174	TALYS-6a	0		10
Hf-180(n,8n)Hf-173	TALYS-6a	0		6
Hf-180(n,5np)Lu-175	TALYS-6a	0		14
Hf-180(n,6np)Lu-174g	TALYS-6a	0		10
Hf-180(n,6np)Lu-174m	TALYS-6a	0		10
Hf-180(n,7np)Lu-173	TALYS-6a	0		7
Hf-180(n,4na)Yb-173	TALYS-6a	0	[8]	22
Hf-180(n,5na)Yb-172	TALYS-6a	0	[8]	16
Hf-180(n,6na)Yb-171	TALYS-6a	0	[8]	12
Hf-180(n,7na)Yb-170	TALYS-6a	0	[8]	9
Hf-180(n,4nd)Lu-175	TALYS-6a	0	[8]	14
Hf-180(n,5nd)Lu-174g	TALYS-6a	0		11
Hf-180(n,5nd)Lu-174m	TALYS-6a	0		11
Hf-180(n,6nd)Lu-173	TALYS-6a	0	[8]	7
Hf-180(n,3nt)Lu-175	TALYS-6a	0	[8]	18
Hf-180(n,4nt)Lu-174g	TALYS-6a	0		13
Hf-180(n,4nt)Lu-174m	TALYS-6a	0		13
Hf-180(n,5nt)Lu-173	TALYS-6a	0	[8]	10
Hf-180(n,6nt)Lu-172g	TALYS-6a	0		6
Hf-180(n,6nt)Lu-172m	TALYS-6a	0		6
Hf-180(n,2nh)Yb-176g	TALYS-6a	0		22
Hf-180(n,2nh)Yb-176m	TALYS-6a	0		21
Hf-180(n,3nh)Yb-175	TALYS-6a	0	[8]	16
Hf-180(n,4nh)Yb-174	TALYS-6a	0	[8]	13
Hf-180(n,3n2p)Yb-176g	TALYS-6a	0		15
Hf-180(n,3n2p)Yb-176m	TALYS-6a	0		15
Hf-180(n,3n2a)Er-170	TALYS-6a	0	[8]	21
Hf-180(n,3npa)Tm-173	TALYS-6a	0	[8]	17
Hf-180(n,n'pd)Yb-177g	TALYS-6a	0		20
Hf-180(n,n'pd)Yb-177m	TALYS-6a	0		20
Hf-180(n,n'ta)Tm-173	TALYS-6a	0	[8]	24
Hf-180(n,2n2p)Yb-177g	TALYS-6a	0		19
Hf-180(n,2n2p)Yb-177m	TALYS-6a	0		18
Hf-180(n,4n2p)Yb-175	TALYS-6a	0	[8]	12
Hf-180(n,4n2a)Er-169	TALYS-6a	0	[8]	14
Hf-180(n,4npa)Tm-172	TALYS-6a	0	[8]	13
Hf-180(n,5n2p)Yb-174	TALYS-6a	0	[8]	9
Hf-180m(n,n')Hf-180g	TALYS-6a	0	[8]	97
Hf-180m(n,2nd)Lu-177g	TALYS-6a	0	[4,8]	27
Hf-180m(n,2nd)Lu-177m	TALYS-6a	0	[4,7,8,8]	26
+Hf-180m(n,2nd)Lu-177n	TALYS-6a	0	[4,7,8,8]	23
Hf-180m(n,2n)Hf-179g	TALYS-6a	0	[4]	54
Hf-180m(n,2n)Hf-179m	TALYS-6a	0	[4,7,8]	51
Hf-180m(n,2n)Hf-179n	TALYS-6a	0	[4,7,8]	48
Hf-180m(n,3n)Hf-178g	TALYS-6a	0	[4]	37
Hf-180m(n,3n)Hf-178m	TALYS-6a	0	[4,7,8]	33
Hf-180m(n,3n)Hf-178n	TALYS-6a	0	[4,7,8]	31
Hf-180m(n,n'a)Yb-176g	TALYS-6a	0		100
Hf-180m(n,n'a)Yb-176m	TALYS-6a	0		100
Hf-180m(n,2na)Yb-175	TALYS-6a	0	[8]	43
Hf-180m(n,3na)Yb-174	TALYS-6a	0	[8]	31
Hf-180m(n,n'p)Lu-179	TALYS-6a	0	[8]	45
Hf-180m(n,2n2a)Er-171	TALYS-6a	0	[8]	28
Hf-180m(n,n'd)Lu-178g	TALYS-6a	0		34
Hf-180m(n,n'd)Lu-178m	TALYS-6a	0		34
Hf-180m(n,n't)Lu-177g	TALYS-6a	0	[4,8]	34
Hf-180m(n,n't)Lu-177m	TALYS-6a	0	[4,7,8,8]	33
+Hf-180m(n,n't)Lu-177n	TALYS-6a	0	[4,7,8,8]	29
Hf-180m(n,n'h)Yb-177g	TALYS-6a	0		28
Hf-180m(n,n'h)Yb-177m	TALYS-6a	0		28
Hf-180m(n,4n)Hf-177g	TALYS-6a	0	[4]	26
Hf-180m(n,4n)Hf-177m	TALYS-6a	0	[4,7,8]	24
Hf-180m(n,4n)Hf-177n	TALYS-6a	0	[4,7,8]	23
Hf-180m(n,2np)Lu-178g	TALYS-6a	0		32
Hf-180m(n,2np)Lu-178m	TALYS-6a	0		31
Hf-180m(n,3np)Lu-177g	TALYS-6a	0	[4,8]	26
Hf-180m(n,3np)Lu-177m	TALYS-6a	0	[4,7,8,8]	24
+Hf-180m(n,3np)Lu-177n	TALYS-6a	0	[4,7,8,8]	21
Hf-180m(n,n'2p)Yb-178	TALYS-6a	0	[8]	27
Hf-180m(n,n'pa)Tm-175	TALYS-6a	0	[8]	31
>Hf-180m(n,g)Hf-181	JEF-2.2	0	[13]	
15184				
+Hf-180m(n,p)Lu-180g	TALYS-6a	0	[4,8]	74
+Hf-180m(n,p)Lu-180m	TALYS-6a	0	[4,7,8,8]	73
Hf-180m(n,d)Lu-179	TALYS-6a	0	[8]	52
Hf-180m(n,t)Lu-178g	TALYS-6a	0		46
Hf-180m(n,t)Lu-178m	TALYS-6a	0		47
Hf-180m(n,h)Yb-178	TALYS-6a	0	[8]	34
Hf-180m(n,a)Yb-177g	TALYS-6a	0	[2]	100
Hf-180m(n,a)Yb-177m	TALYS-6a	0	[2]	100
Hf-180m(n,2p)Yb-179	TALYS-6a	0	[8,7,8]	29
Hf-180m(n,pd)Yb-178	TALYS-6a	0	[8]	28
Hf-180m(n,5n)Hf-176	TALYS-6a	0		20
Hf-180m(n,6n)Hf-175	TALYS-6a	0		14
Hf-180m(n,2nt)Lu-176g	TALYS-6a	0		26
Hf-180m(n,2nt)Lu-176m	TALYS-6a	0		25
Hf-180m(n,4np)Lu-176g	TALYS-6a	0		18
Hf-180m(n,4np)Lu-176m	TALYS-6a	0		18
Hf-180m(n,3nd)Lu-176g	TALYS-6a	0		20
Hf-180m(n,3nd)Lu-176m	TALYS-6a	0		20
Hf-180m(n,n'da)Tm-174	TALYS-6a	0	[8]	26
Hf-180m(n,2npa)Tm-174	TALYS-6a	0	[8]	25
Hf-180m(n,7n)Hf-174	TALYS-6a	0		11
Hf-180m(n,8n)Hf-173	TALYS-6a	0		6
Hf-180m(n,5np)Lu-175	TALYS-6a	0	[8]	14
Hf-180m(n,6np)Lu-174g	TALYS-6a	0		11
Hf-180m(n,6np)Lu-174m	TALYS-6a	0		11
Hf-180m(n,7np)Lu-173	TALYS-6a	0	[8]	7
Hf-180m(n,4na)Yb-173	TALYS-6a	0	[8]	24
Hf-180m(n,5na)Yb-172	TALYS-6a	0	[8]	17
Hf-180m(n,6na)Yb-171	TALYS-6a	0	[8]	13
Hf-180m(n,7na)Yb-170	TALYS-6a	0	[8]	9
Hf-180m(n,4nd)Lu-175	TALYS-6a	0	[8]	15
Hf-180m(n,5nd)Lu-174g	TALYS-6a	0		11
Hf-180m(n,5nd)Lu-174m	TALYS-6a	0		11
Hf-180m(n,6nd)Lu-173	TALYS-6a	0	[8]	8
Hf-180m(n,3nt)Lu-175	TALYS-6a	0	[8]	19
Hf-180m(n,4nt)Lu-174g	TALYS-6a	0		14
Hf-180m(n,4nt)Lu-174m	TALYS-6a	0		14
Hf-180m(n,5nt)Lu-173	TALYS-6a	0	[8]	10
Hf-180m(n,6nt)Lu-172g	TALYS-6a	0		6
Hf-180m(n,6nt)Lu-172m	TALYS-6a	0		6
Hf-180m(n,2nh)Yb-176g	TALYS-6a	0		23
Hf-180m(n,2nh)Yb-176m	TALYS-6a	0		22
Hf-180m(n,3nh)Yb-175	TALYS-6a	0	[8]	16
Hf-180m(n,4nh)Yb-174	TALYS-6a	0	[8]	13
Hf-180m(n,3n2p)Yb-176g	TALYS-6a	0		16
Hf-180m(n,3n2p)Yb-176m	TALYS-6a	0		15
Hf-180m(n,3n2a)Er-170	TALYS-6a	0	[8]	22
Hf-180m(n,3npa)Tm-173	TALYS-6a	0	[8]	19
Hf-180m(n,n'pd)Yb-177g	TALYS-6a	0		22
Hf-180m(n,n'pd)Yb-177m	TALYS-6a	0		21
Hf-180m(n,n'ta)Tm-173	TALYS-6a	0	[8]	26
Hf-180m(n,2n2p)Yb-177g	TALYS-6a	0		20
Hf-180m(n,2n2p)Yb-177m	TALYS-6a	0		20
Hf-180m(n,4n2p)Yb-175	TALYS-6a	0	[8]	12
Hf-180m(n,4n2a)Er-169	TALYS-6a	0	[8]	15
Hf-180m(n,4npa)Tm-172	TALYS-6a	0	[8]	14
Hf-180m(n,5n2p)Yb-174	TALYS-6a	0	[8]	9
Hf-181(n,2nd)Lu-178g	TALYS-6a	0		26
Hf-181(n,2nd)Lu-178m	TALYS-6a	0		26
Hf-181(n,2n)Hf-180g	TALYS-6a	0		57
Hf-181(n,2n)Hf-180m	TALYS-6a	0		51
Hf-181(n,3n)Hf-179g	TALYS-6a	0	[4]	35
Hf-181(n,3n)Hf-179m	TALYS-6a	0	[4,7,8]	33
Hf-181(n,3n)Hf-179n	TALYS-6a	0	[4,7,8]	32
Hf-181(n,n'a)Yb-177g	TALYS-6a	0		100
Hf-181(n,n'a)Yb-177m	TALYS-6a	0		100
Hf-181(n,2na)Yb-176g	TALYS-6a	0		43
Hf-181(n,2na)Yb-176m	TALYS-6a	0		40
Hf-181(n,3na)Yb-175	TALYS-6a	0	[8]	30
+Hf-181(n,n'p)Lu-180g	TALYS-6a	0	[4,8]	43
+Hf-181(n,n'p)Lu-180m	TALYS-6a	0	[4,7,8,8]	42
Hf-181(n,2n2a)Er-172	TALYS-6a	0	[8]	27
Hf-181(n,n'd)Lu-179	TALYS-6a	0	[8]	34
Hf-181(n,n't)Lu-178g	TALYS-6a	0		33
Hf-181(n,n't)Lu-178m	TALYS-6a	0		32
Hf-181(n,n'h)Yb-178	TALYS-6a	0	[8]	28
Hf-181(n,4n)Hf-178g	TALYS-6a	0	[4]	27
Hf-181(n,4n)Hf-178m	TALYS-6a	0	[4,7,8]	25
Hf-181(n,4n)Hf-178n	TALYS-6a	0	[4,7,8]	24
Hf-181(n,2np)Lu-179	TALYS-6a	0	[8]	31
Hf-181(n,3np)Lu-178g	TALYS-6a	0		25
Hf-181(n,3np)Lu-178m	TALYS-6a	0		25
Hf-181(n,n'2p)Yb-179	TALYS-6a	0	[8,7,8]	25
Hf-181(n,g)Hf-182g	MASGAM	2	[13,4,6,12,4]	118
Hf-181(n,g)Hf-182m	MASGAM	0	[7,13,4,6,12,4]	118
Hf-181(n,p)Lu-181	TALYS-6a	0	[2,8,7,8]	70
+Hf-181(n,d)Lu-180g	TALYS-6a	0	[4,8]	46
+Hf-181(n,d)Lu-180m	TALYS-6a	0	[4,7,8,8]	45
Hf-181(n,t)Lu-179	TALYS-6a	0	[8]	47
Hf-181(n,h)Yb-179	TALYS-6a	0	[8,7,8]	31
Hf-181(n,a)Yb-178	TALYS-6a	0	[2]	100
Hf-181(n,2p)Yb-180	TALYS-6a	0	[8,7,8]	27
Hf-181(n,pd)Yb-179	TALYS-6a	0	[8,7,8]	26
Hf-181(n,5n)Hf-177g	TALYS-6a	0	[4]	20
Hf-181(n,5n)Hf-177m	TALYS-6a	0	[4,7,8]	17
Hf-181(n,5n)Hf-177n	TALYS-6a	0	[4,7,8]	16
Hf-181(n,6n)Hf-176	TALYS-6a	0		15
Hf-181(n,2nt)Lu-177g	TALYS-6a	0	[4,8]	26
Hf-181(n,2nt)Lu-177m	TALYS-6a	0	[4,7,8,8]	25
+Hf-181(n,2nt)Lu-177n	TALYS-6a	0	[4,7,8,8]	22

Reaction	Code		Flags	Num
Hf-181(n,4np)Lu-177g	TALYS-6a	0	[4,8]	19
Hf-181(n,4np)Lu-177m	TALYS-6a	0	[4,7,8,8]	17
+Hf-181(n,4np)Lu-177n	TALYS-6a	0	[4,7,8,8]	14
Hf-181(n,3nd)Lu-177g	TALYS-6a	0	[4,8]	20
Hf-181(n,3nd)Lu-177m	TALYS-6a	0	[4,7,8,8]	19
+Hf-181(n,3nd)Lu-177n	TALYS-6a	0	[4,7,8,8]	16
Hf-181(n,2npa)Tm-175	TALYS-6a	0	[8]	24
Hf-181(n,7n)Hf-175	TALYS-6a	0		11
Hf-181(n,8n)Hf-174	TALYS-6a	0		7
Hf-181(n,5np)Lu-176g	TALYS-6a	0		14
Hf-181(n,5np)Lu-176m	TALYS-6a	0		14
Hf-181(n,6np)Lu-175	TALYS-6a	0		11
Hf-181(n,7np)Lu-174g	TALYS-6a	0		7
Hf-181(n,7np)Lu-174m	TALYS-6a	0		7
Hf-181(n,4na)Yb-174	TALYS-6a	0	[8]	24
Hf-181(n,5na)Yb-173	TALYS-6a	0	[8]	17
Hf-181(n,6na)Yb-172	TALYS-6a	0	[8]	13
Hf-181(n,7na)Yb-171	TALYS-6a	0	[8]	9
Hf-181(n,4nd)Lu-176g	TALYS-6a	0		15
Hf-181(n,4nd)Lu-176m	TALYS-6a	0		15
Hf-181(n,5nd)Lu-175	TALYS-6a	0	[8]	12
Hf-181(n,6nd)Lu-174g	TALYS-6a	0		8
Hf-181(n,6nd)Lu-174m	TALYS-6a	0		8
Hf-181(n,3nt)Lu-176g	TALYS-6a	0		18
Hf-181(n,3nt)Lu-176m	TALYS-6a	0		18
Hf-181(n,4nt)Lu-175	TALYS-6a	0	[8]	14
Hf-181(n,5nt)Lu-174g	TALYS-6a	0		10
Hf-181(n,5nt)Lu-174m	TALYS-6a	0		10
Hf-181(n,6nt)Lu-173	TALYS-6a	0	[8]	7
Hf-181(n,2nh)Yb-177g	TALYS-6a	0		21
Hf-181(n,2nh)Yb-177m	TALYS-6a	0		21
Hf-181(n,3nh)Yb-176g	TALYS-6a	0		16
Hf-181(n,3nh)Yb-176m	TALYS-6a	0		16
Hf-181(n,4nh)Yb-175	TALYS-6a	0	[8]	13
Hf-181(n,3n2p)Yb-177g	TALYS-6a	0		15
Hf-181(n,3n2p)Yb-177m	TALYS-6a	0		15
Hf-181(n,3n2a)Er-171	TALYS-6a	0	[8]	20
Hf-181(n,3npa)Tm-174	TALYS-6a	0	[8]	17
Hf-181(n,n'pd)Yb-178	TALYS-6a	0	[8]	21
Hf-181(n,2n2p)Yb-178	TALYS-6a	0	[8]	20
Hf-181(n,4n2p)Yb-176g	TALYS-6a	0		12
Hf-181(n,4n2p)Yb-176m	TALYS-6a	0		12
Hf-181(n,4n2a)Er-170	TALYS-6a	0	[8]	15
Hf-181(n,4npa)Tm-173	TALYS-6a	0	[8]	14
Hf-181(n,5n2p)Yb-175	TALYS-6a	0	[8]	9
Hf-182(n,n')Hf-182m	TALYS-6a	0		80
Hf-182(n,2nd)Lu-179	TALYS-6a	0	[8]	26
Hf-182(n,2n)Hf-181	TALYS-6a	0		52
Hf-182(n,3n)Hf-180g	TALYS-6a	0		37
Hf-182(n,3n)Hf-180m	TALYS-6a	0		34
Hf-182(n,n'a)Yb-178	TALYS-6a	0		100
Hf-182(n,2na)Yb-177g	TALYS-6a	0		41
Hf-182(n,2na)Yb-177m	TALYS-6a	0		40
Hf-182(n,3na)Yb-176g	TALYS-6a	0		30
Hf-182(n,3na)Yb-176m	TALYS-6a	0		29
Hf-182(n,n'p)Lu-181	TALYS-6a	0	[8,7,8]	41
+Hf-182(n,n'd)Lu-180g	TALYS-6a	0	[4,8]	32
+Hf-182(n,n'd)Lu-180m	TALYS-6a	0	[4,7,8,8]	31
Hf-182(n,n't)Lu-179	TALYS-6a	0	[8]	33
Hf-182(n,n'h)Yb-179	TALYS-6a	0	[8,7,8]	26
Hf-182(n,4n)Hf-179g	TALYS-6a	0	[4]	27
Hf-182(n,4n)Hf-179m	TALYS-6a	0	[4,7,8]	25
Hf-182(n,4n)Hf-179n	TALYS-6a	0	[4,7,8]	24
+Hf-182(n,2np)Lu-180g	TALYS-6a	0	[4,8]	30
+Hf-182(n,2np)Lu-180m	TALYS-6a	0	[4,7,8,8]	29
Hf-182(n,3np)Lu-179	TALYS-6a	0	[8]	25
Hf-182(n,n'2p)Yb-180	TALYS-6a	0	[8,7,8]	23
Hf-182(n,g)Hf-183	MASGAM	2	[14,13]	83
Hf-182(n,p)Lu-182	TALYS-6a	0	[2,8,7,8]	61
Hf-182(n,d)Lu-181	TALYS-6a	0	[8,7,8]	45
+Hf-182(n,t)Lu-180g	TALYS-6a	0	[4,8]	44
+Hf-182(n,t)Lu-180m	TALYS-6a	0	[4,7,8,8]	43
Hf-182(n,h)Yb-180	TALYS-6a	0	[8,7,8]	30
Hf-182(n,a)Yb-179	TALYS-6a	0	[2]	100
Hf-182(n,2p)Yb-181	TALYS-6a	0	[8,7,8]	25
Hf-182(n,pd)Yb-180	TALYS-6a	0	[8,7,8]	25
Hf-182(n,5n)Hf-178g	TALYS-6a	0	[4]	20
Hf-182(n,5n)Hf-178m	TALYS-6a	0	[4,7,8]	18
Hf-182(n,5n)Hf-178n	TALYS-6a	0	[4,7,8]	17
Hf-182(n,6n)Hf-177g	TALYS-6a	0	[4]	15
Hf-182(n,6n)Hf-177m	TALYS-6a	0	[4,7,8]	13
Hf-182(n,6n)Hf-177n	TALYS-6a	0	[4,7,8]	12
Hf-182(n,2nt)Lu-178g	TALYS-6a	0		25
Hf-182(n,2nt)Lu-178m	TALYS-6a	0		25
Hf-182(n,4np)Lu-178g	TALYS-6a	0		18
Hf-182(n,4np)Lu-178m	TALYS-6a	0		18
Hf-182(n,3nd)Lu-178g	TALYS-6a	0		19
Hf-182(n,3nd)Lu-178m	TALYS-6a	0		19
Hf-182(n,2npa)Tm-176	TALYS-6a	0	[8,7,8]	22
Hf-182(n,7n)Hf-176	TALYS-6a	0		11
Hf-182(n,8n)Hf-175	TALYS-6a	0		7
Hf-182(n,5np)Lu-177g	TALYS-6a	0	[4,8]	14
Hf-182(n,5np)Lu-177m	TALYS-6a	0	[4,7,8,8]	12
+Hf-182(n,5np)Lu-177n	TALYS-6a	0	[4,7,8,8]	11
Hf-182(n,6np)Lu-176g	TALYS-6a	0		11
Hf-182(n,6np)Lu-176m	TALYS-6a	0		11
Hf-182(n,7np)Lu-175	TALYS-6a	0		8
Hf-182(n,4na)Yb-175	TALYS-6a	0	[8]	23
Hf-182(n,5na)Yb-174	TALYS-6a	0	[8]	17
Hf-182(n,6na)Yb-173	TALYS-6a	0	[8]	13
Hf-182(n,7na)Yb-172	TALYS-6a	0	[8]	10
Hf-182(n,4nd)Lu-177g	TALYS-6a	0	[4,8]	15
Hf-182(n,4nd)Lu-177m	TALYS-6a	0	[4,7,8,8]	13
+Hf-182(n,4nd)Lu-177n	TALYS-6a	0	[4,7,8,8]	12
Hf-182(n,5nd)Lu-176g	TALYS-6a	0		11
Hf-182(n,5nd)Lu-176m	TALYS-6a	0		11
Hf-182(n,6nd)Lu-175	TALYS-6a	0	[8]	8
Hf-182(n,3nt)Lu-177g	TALYS-6a	0	[4,8]	19
Hf-182(n,3nt)Lu-177m	TALYS-6a	0	[4,7,8,8]	18
+Hf-182(n,3nt)Lu-177n	TALYS-6a	0	[4,7,8,8]	16
Hf-182(n,4nt)Lu-176g	TALYS-6a	0		14
Hf-182(n,4nt)Lu-176m	TALYS-6a	0		14
Hf-182(n,5nt)Lu-175	TALYS-6a	0	[8]	11
Hf-182(n,6nt)Lu-174g	TALYS-6a	0		7
Hf-182(n,6nt)Lu-174m	TALYS-6a	0		7
Hf-182(n,2nh)Yb-178	TALYS-6a	0	[8]	21
Hf-182(n,3nh)Yb-177g	TALYS-6a	0		16
Hf-182(n,3nh)Yb-177m	TALYS-6a	0		15
Hf-182(n,4nh)Yb-176g	TALYS-6a	0		13
Hf-182(n,4nh)Yb-176m	TALYS-6a	0		12
Hf-182(n,3n2p)Yb-178	TALYS-6a	0	[8]	15
Hf-182(n,3n2a)Er-172	TALYS-6a	0	[8]	20
Hf-182(n,3npa)Tm-175	TALYS-6a	0	[8]	17
Hf-182(n,n'pd)Yb-179	TALYS-6a	0	[8,7,8]	19
Hf-182(n,2n2p)Yb-179	TALYS-6a	0	[8,7,8]	18
Hf-182(n,4n2p)Yb-177g	TALYS-6a	0		12
Hf-182(n,4n2p)Yb-177m	TALYS-6a	0		11
Hf-182(n,4n2a)Er-171	TALYS-6a	0	[8]	14
Hf-182(n,4npa)Tm-174	TALYS-6a	0	[8]	13
Hf-182(n,5n2p)Yb-176g	TALYS-6a	0		9
Hf-182(n,5n2p)Yb-176m	TALYS-6a	0		8
Ta-175(n,2nd)Hf-172	TALYS-6a	0	[8]	27
Ta-175(n,2n)Ta-174	TALYS-6a	0		44
Ta-175(n,3n)Ta-173	TALYS-6a	0		30
Ta-175(n,n'a)Lu-171g	TALYS-6a	0		100
Ta-175(n,n'a)Lu-171m	TALYS-6a	0		100
Ta-175(n,2na)Lu-170g	TALYS-6a	0		40
Ta-175(n,2na)Lu-170m	TALYS-6a	0		40
Ta-175(n,3na)Lu-169g	TALYS-6a	0		29
Ta-175(n,3na)Lu-169m	TALYS-6a	0		28
Ta-175(n,n'p)Hf-174	TALYS-6a	0	[8]	60
Ta-175(n,n'2a)Tm-167	TALYS-6a	0		100
Ta-175(n,2n2a)Tm-166	TALYS-6a	0	[8]	30
Ta-175(n,n'd)Hf-173	TALYS-6a	0	[8]	37
Ta-175(n,n't)Hf-172	TALYS-6a	0	[8]	34
Ta-175(n,n'h)Lu-172g	TALYS-6a	0		30
Ta-175(n,n'h)Lu-172m	TALYS-6a	0		30
Ta-175(n,4n)Ta-172	TALYS-6a	0		21
Ta-175(n,2np)Hf-173	TALYS-6a	0	[8]	34
Ta-175(n,3np)Hf-172	TALYS-6a	0	[8]	26
Ta-175(n,n'2p)Lu-173	TALYS-6a	0	[8]	32
Ta-175(n,n'pa)Yb-170	TALYS-6a	0	[8]	43
Ta-175(n,g)Ta-176	TALYS-6a	0	[14]	100
Ta-175(n,p)Hf-175	TALYS-6a	0	[2]	100
Ta-175(n,d)Hf-174	TALYS-6a	0	[8]	68
Ta-175(n,t)Hf-173	TALYS-6a	0	[8]	53
Ta-175(n,h)Lu-173	TALYS-6a	0	[8]	45
Ta-175(n,a)Lu-172g	TALYS-6a	0	[2]	100
Ta-175(n,a)Lu-172m	TALYS-6a	0	[2]	100
Ta-175(n,2a)Tm-168	TALYS-6a	0		100
Ta-175(n,2p)Lu-174g	TALYS-6a	0		45
Ta-175(n,2p)Lu-174m	TALYS-6a	0		45
Ta-175(n,pa)Yb-171	TALYS-6a	0		100
Ta-175(n,pd)Lu-173	TALYS-6a	0	[8]	34
Ta-175(n,pt)Lu-172g	TALYS-6a	0		30
Ta-175(n,pt)Lu-172m	TALYS-6a	0		30
Ta-175(n,da)Yb-170	TALYS-6a	0		100
Ta-175(n,5n)Ta-171	TALYS-6a	0		15
Ta-175(n,6n)Ta-170	TALYS-6a	0		10
Ta-175(n,2nt)Hf-171g	TALYS-6a	0		24
Ta-175(n,2nt)Hf-171m	TALYS-6a	0		24
Ta-175(n,ta)Yb-169g	TALYS-6a	0		38
Ta-175(n,ta)Yb-169m	TALYS-6a	0		38
Ta-175(n,4np)Hf-171g	TALYS-6a	0		17
Ta-175(n,4np)Hf-171m	TALYS-6a	0		17
Ta-175(n,3nd)Hf-171g	TALYS-6a	0		18
Ta-175(n,3nd)Hf-171m	TALYS-6a	0		18
Ta-175(n,n'da)Yb-169g	TALYS-6a	0		29
Ta-175(n,n'da)Yb-169m	TALYS-6a	0		29
Ta-175(n,2npa)Yb-169g	TALYS-6a	0		28
Ta-175(n,2npa)Yb-169m	TALYS-6a	0		28
Ta-175(n,5np)Hf-170	TALYS-6a	0		13
Ta-175(n,6np)Hf-169	TALYS-6a	0	[8]	8
Ta-175(n,4na)Lu-168g	TALYS-6a	0		19
Ta-175(n,4na)Lu-168m	TALYS-6a	0		19
Ta-175(n,5na)Lu-167g	TALYS-6a	0	[4,8]	14
Ta-175(n,5na)Lu-167m	TALYS-6a	0	[4,7,8,8]	14
Ta-175(n,6na)Lu-166g	TALYS-6a	0		9
Ta-175(n,6na)Lu-166m	TALYS-6a	0		9
Ta-175(n,6na)Lu-166n	TALYS-6a	0		9
Ta-175(n,4nd)Hf-170	TALYS-6a	0	[8]	14
Ta-175(n,5nd)Hf-169	TALYS-6a	0	[8]	9
Ta-175(n,3nt)Hf-170	TALYS-6a	0	[8]	16
Ta-175(n,4nt)Hf-169	TALYS-6a	0	[8]	12
Ta-175(n,5nt)Hf-168	TALYS-6a	0	[8]	8
Ta-175(n,2nh)Lu-171g	TALYS-6a	0		24
Ta-175(n,2nh)Lu-171m	TALYS-6a	0		23
Ta-175(n,3nh)Lu-170g	TALYS-6a	0		16
Ta-175(n,3nh)Lu-170m	TALYS-6a	0		16
Ta-175(n,4nh)Lu-169g	TALYS-6a	0		12
Ta-175(n,4nh)Lu-169m	TALYS-6a	0		12
Ta-175(n,3n2p)Lu-171g	TALYS-6a	0		16
Ta-175(n,3n2p)Lu-171m	TALYS-6a	0		16
Ta-175(n,3n2a)Tm-165	TALYS-6a	0	[8]	22
Ta-175(n,3npa)Yb-168	TALYS-6a	0	[8]	21
Ta-175(n,n'pd)Lu-172g	TALYS-6a	0		24
Ta-175(n,n'pd)Lu-172m	TALYS-6a	0		24
Ta-175(n,n'pt)Lu-171g	TALYS-6a	0		23
Ta-175(n,n'pt)Lu-171m	TALYS-6a	0		23
Ta-175(n,n'dt)Lu-170g	TALYS-6a	0		16
Ta-175(n,n'dt)Lu-170m	TALYS-6a	0		15
Ta-175(n,n'ph)Yb-171	TALYS-6a	0	[8]	20
Ta-175(n,n'dh)Yb-170	TALYS-6a	0	[8]	15
Ta-175(n,n'ta)Yb-168	TALYS-6a	0	[8]	28
Ta-175(n,2n2p)Lu-172g	TALYS-6a	0		23
Ta-175(n,2n2p)Lu-172m	TALYS-6a	0		23
Ta-175(n,4n2p)Lu-170g	TALYS-6a	0		12
Ta-175(n,4n2p)Lu-170m	TALYS-6a	0		12

Reaction	Library			
Ta-175(n,4n2a)Tm-164g	TALYS-6a	0	[4,8]	14
Ta-175(n,4n2a)Tm-164m	TALYS-6a	0	[4,7,8,8]	13
Ta-175(n,4npa)Yb-167	TALYS-6a	0	[8]	14
Ta-175(n,5n2p)Lu-169g	TALYS-6a	0		8
Ta-175(n,5n2p)Lu-169m	TALYS-6a	0		9
Ta-176(n,2nd)Hf-173	TALYS-6a	0	[8]	27
Ta-176(n,2n)Ta-175	TALYS-6a	0		50
Ta-176(n,3n)Ta-174	TALYS-6a	0		31
Ta-176(n,n'a)Lu-172g	TALYS-6a	0		100
Ta-176(n,n'a)Lu-172m	TALYS-6a	0		100
Ta-176(n,2na)Lu-171g	TALYS-6a	0		43
Ta-176(n,2na)Lu-171m	TALYS-6a	0		43
Ta-176(n,3na)Lu-170g	TALYS-6a	0		29
Ta-176(n,3na)Lu-170m	TALYS-6a	0		29
Ta-176(n,n'p)Hf-175	TALYS-6a	0	[8]	59
Ta-176(n,n'2a)Tm-168	TALYS-6a	0		100
Ta-176(n,2n2a)Tm-167	TALYS-6a	0	[8]	32
Ta-176(n,n'd)Hf-174	TALYS-6a	0	[8]	40
Ta-176(n,n't)Hf-173	TALYS-6a	0	[8]	34
Ta-176(n,n'h)Lu-173	TALYS-6a	0	[8]	31
Ta-176(n,4n)Ta-173	TALYS-6a	0		23
Ta-176(n,2np)Hf-174	TALYS-6a	0	[8]	37
Ta-176(n,3np)Hf-173	TALYS-6a	0	[8]	26
Ta-176(n,n'2p)Lu-174g	TALYS-6a	0		31
Ta-176(n,n'2p)Lu-174m	TALYS-6a	0		31
Ta-176(n,npa)Yb-171	TALYS-6a	0	[8]	41
Ta-176(n,g)Ta-177	TALYS-6a	0	[14]	100
Ta-176(n,p)Hf-176	TALYS-6a	0	[2]	100
Ta-176(n,d)Hf-175	TALYS-6a	0	[8]	66
Ta-176(n,t)Hf-174	TALYS-6a	0	[8]	61
Ta-176(n,h)Lu-174g	TALYS-6a	0		44
Ta-176(n,h)Lu-174m	TALYS-6a	0		45
Ta-176(n,a)Lu-173	TALYS-6a	0	[2]	100
Ta-176(n,2a)Tm-169	TALYS-6a	0		100
Ta-176(n,2p)Lu-175	TALYS-6a	0	[8]	49
Ta-176(n,pa)Yb-172	TALYS-6a	0		100
Ta-176(n,pd)Lu-174g	TALYS-6a	0		33
Ta-176(n,pd)Lu-174m	TALYS-6a	0		32
Ta-176(n,pt)Lu-173	TALYS-6a	0	[8]	32
Ta-176(n,da)Yb-171	TALYS-6a	0		100
Ta-176(n,5n)Ta-172	TALYS-6a	0		15
Ta-176(n,6n)Ta-171	TALYS-6a	0		11
Ta-176(n,2nt)Hf-172	TALYS-6a	0	[8]	26
Ta-176(n,ta)Yb-170	TALYS-6a	0	[8]	41
Ta-176(n,4np)Hf-172	TALYS-6a	0	[8]	19
Ta-176(n,3nd)Hf-172	TALYS-6a	0	[8]	20
Ta-176(n,n'da)Yb-170	TALYS-6a	0	[8]	31
Ta-176(n,2npa)Yb-170	TALYS-6a	0	[8]	30
Ta-176(n,5np)Hf-171g	TALYS-6a	0		13
Ta-176(n,5np)Hf-171m	TALYS-6a	0		13
Ta-176(n,6np)Hf-170	TALYS-6a	0		10
Ta-176(n,4na)Lu-169g	TALYS-6a	0		21
Ta-176(n,4na)Lu-169m	TALYS-6a	0		21
Ta-176(n,5na)Lu-168g	TALYS-6a	0		14
Ta-176(n,5na)Lu-168m	TALYS-6a	0		14
Ta-176(n,6na)Lu-167g	TALYS-6a	0	[4,8]	10
Ta-176(n,6na)Lu-167m	TALYS-6a	0	[4,7,8,8]	10
Ta-176(n,4nd)Hf-171g	TALYS-6a	0		14
Ta-176(n,4nd)Hf-171m	TALYS-6a	0		14
Ta-176(n,5nd)Hf-170	TALYS-6a	0	[8]	10
Ta-176(n,3nt)Hf-171g	TALYS-6a	0		17
Ta-176(n,3nt)Hf-171m	TALYS-6a	0		17
Ta-176(n,4nt)Hf-170	TALYS-6a	0	[8]	13
Ta-176(n,5nt)Hf-169	TALYS-6a	0	[8]	8
Ta-176(n,2nh)Lu-172g	TALYS-6a	0		23
Ta-176(n,2nh)Lu-172m	TALYS-6a	0		23
Ta-176(n,3nh)Lu-171g	TALYS-6a	0		16
Ta-176(n,3nh)Lu-171m	TALYS-6a	0		16
Ta-176(n,4nh)Lu-170g	TALYS-6a	0		12
Ta-176(n,4nh)Lu-170m	TALYS-6a	0		12
Ta-176(n,3n2p)Lu-172g	TALYS-6a	0		16
Ta-176(n,3n2p)Lu-172m	TALYS-6a	0		16
Ta-176(n,3n2a)Tm-166	TALYS-6a	0	[8]	22
Ta-176(n,3npa)Yb-169g	TALYS-6a	0		21
Ta-176(n,3npa)Yb-169m	TALYS-6a	0		21
Ta-176(n,n'pd)Lu-173	TALYS-6a	0	[8]	26
Ta-176(n,n'pt)Lu-172g	TALYS-6a	0		23
Ta-176(n,n'pt)Lu-172m	TALYS-6a	0		23
Ta-176(n,n'dt)Lu-171g	TALYS-6a	0		16
Ta-176(n,n'dt)Lu-171m	TALYS-6a	0		16
Ta-176(n,n'ph)Yb-172	TALYS-6a	0	[8]	21
Ta-176(n,n'ta)Yb-169g	TALYS-6a	0		28
Ta-176(n,n'ta)Yb-169m	TALYS-6a	0		27
Ta-176(n,2n2p)Lu-173	TALYS-6a	0	[8]	25
Ta-176(n,4n2p)Lu-171g	TALYS-6a	0		13
Ta-176(n,4n2p)Lu-171m	TALYS-6a	0		13
Ta-176(n,4n2a)Tm-165	TALYS-6a	0	[8]	16
Ta-176(n,4npa)Yb-168	TALYS-6a	0	[8]	15
Ta-176(n,5n2p)Lu-170g	TALYS-6a	0		8
Ta-176(n,5n2p)Lu-170m	TALYS-6a	0		8
Ta-177(n,2nd)Hf-174	TALYS-6a	0	[8]	27
Ta-177(n,2n)Ta-176	TALYS-6a	0		45
Ta-177(n,3n)Ta-175	TALYS-6a	0		31
Ta-177(n,n'a)Lu-173	TALYS-6a	0		100
Ta-177(n,n'3a)Ho-165	TALYS-6a	0		100
Ta-177(n,2na)Lu-172g	TALYS-6a	0		41
Ta-177(n,2na)Lu-172m	TALYS-6a	0		41
Ta-177(n,3na)Lu-171g	TALYS-6a	0		29
Ta-177(n,3na)Lu-171m	TALYS-6a	0		29
Ta-177(n,n'p)Hf-176	TALYS-6a	0	[8]	57
Ta-177(n,n'2a)Tm-169	TALYS-6a	0		100
Ta-177(n,2n2a)Tm-168	TALYS-6a	0	[8]	30
Ta-177(n,n'd)Hf-175	TALYS-6a	0	[8]	37
Ta-177(n,n't)Hf-174	TALYS-6a	0	[8]	35
Ta-177(n,n'h)Lu-174g	TALYS-6a	0		30
Ta-177(n,n'h)Lu-174m	TALYS-6a	0		29
Ta-177(n,n'd2a)Er-167g	TALYS-6	0		19
Ta-177(n,n'd2a)Er-167m	TALYS-6	0		18
Ta-177(n,4n)Ta-174	TALYS-6a	0		22
Ta-177(n,2np)Hf-175	TALYS-6a	0	[8]	34
Ta-177(n,3np)Hf-174	TALYS-6a	0	[8]	26
Ta-177(n,n'2p)Lu-175	TALYS-6a	0	[8]	30
Ta-177(n,n'pa)Yb-172	TALYS-6a	0	[8]	41
Ta-177(n,g)Ta-178g	MASGAM	0	[14,13,4,6]	83
Ta-177(n,g)Ta-178m	MASGAM	0	[14,13,4,6]	83
Ta-177(n,p)Hf-177g	TALYS-6a	0	[4,2]	100
Ta-177(n,p)Hf-177m	TALYS-6a	0	[7,4,7,2]	100
Ta-177(n,p)Hf-177n	TALYS-6a	0	[4,7,8,2,10]	82
Ta-177(n,d)Hf-176	TALYS-6a	0	[8]	65
Ta-177(n,t)Hf-175	TALYS-6a	0	[8]	53
Ta-177(n,h)Lu-175	TALYS-6a	0	[8]	43
Ta-177(n,a)Lu-174g	TALYS-6a	0	[2]	100
Ta-177(n,a)Lu-174m	TALYS-6a	0	[2]	100
Ta-177(n,2a)Tm-170	TALYS-6a	0	[10]	100
Ta-177(n,2p)Lu-176g	TALYS-6a	0		42
Ta-177(n,2p)Lu-176m	TALYS-6a	0		42
Ta-177(n,pa)Yb-173	TALYS-6a	0		100
Ta-177(n,pd)Lu-175	TALYS-6a	0	[8]	31
Ta-177(n,pt)Lu-174g	TALYS-6a	0		30
Ta-177(n,pt)Lu-174m	TALYS-6a	0		29
Ta-177(n,da)Yb-172	TALYS-6a	0		100
Ta-177(n,5n)Ta-173	TALYS-6a	0		16
Ta-177(n,6n)Ta-172	TALYS-6a	0		11
Ta-177(n,2nt)Hf-173	TALYS-6a	0	[8]	24
Ta-177(n,ta)Yb-171	TALYS-6a	0	[8]	37
Ta-177(n,4np)Hf-173	TALYS-6a	0	[8]	17
Ta-177(n,3nd)Hf-173	TALYS-6a	0	[8]	19
Ta-177(n,n'da)Yb-171	TALYS-6a	0	[8]	29
Ta-177(n,2npa)Yb-171	TALYS-6a	0	[8]	28
Ta-177(n,7n)Ta-171	TALYS-6a	0		7
Ta-177(n,5np)Hf-172	TALYS-6a	0	[8]	13
+Ta-177(n,6np)Hf-171g	TALYS-6a	0		9
+Ta-177(n,6np)Hf-171m	TALYS-6a	0		9
Ta-177(n,4na)Lu-170g	TALYS-6a	0		20
Ta-177(n,4na)Lu-170m	TALYS-6a	0		20
Ta-177(n,5na)Lu-169g	TALYS-6a	0		15
Ta-177(n,5na)Lu-169m	TALYS-6a	0		15
Ta-177(n,6na)Lu-168g	TALYS-6a	0		10
Ta-177(n,6na)Lu-168m	TALYS-6a	0		10
Ta-177(n,4nd)Hf-172	TALYS-6a	0	[8]	14
+Ta-177(n,5nd)Hf-171g	TALYS-6a	0		10
+Ta-177(n,5nd)Hf-171m	TALYS-6a	0		10
Ta-177(n,3nt)Hf-172	TALYS-6a	0	[8]	17
+Ta-177(n,4nt)Hf-171g	TALYS-6a	0		12
+Ta-177(n,4nt)Hf-171m	TALYS-6a	0		12
Ta-177(n,5nt)Hf-170	TALYS-6a	0	[8]	9
Ta-177(n,2nh)Lu-173	TALYS-6a	0	[8]	23
Ta-177(n,3nh)Lu-172g	TALYS-6a	0		16
Ta-177(n,3nh)Lu-172m	TALYS-6a	0		16
Ta-177(n,4nh)Lu-171g	TALYS-6a	0		12
Ta-177(n,4nh)Lu-171m	TALYS-6a	0		12
Ta-177(n,3n2p)Lu-173	TALYS-6a	0	[8]	16
Ta-177(n,3n2a)Tm-167	TALYS-6a	0	[8]	23
Ta-177(n,3npa)Yb-170	TALYS-6a	0	[8]	21
Ta-177(n,n'pd)Lu-174g	TALYS-6a	0		24
Ta-177(n,n'pd)Lu-174m	TALYS-6a	0		24
Ta-177(n,n'pt)Lu-173	TALYS-6a	0	[8]	23
Ta-177(n,n'dt)Lu-172g	TALYS-6a	0		16
Ta-177(n,n'dt)Lu-172m	TALYS-6a	0		16
Ta-177(n,n'ta)Yb-170	TALYS-6a	0	[8]	28
Ta-177(n,2n2p)Lu-174g	TALYS-6a	0		23
Ta-177(n,2n2p)Lu-174m	TALYS-6a	0		22
Ta-177(n,4n2p)Lu-172g	TALYS-6a	0		12
Ta-177(n,4n2p)Lu-172m	TALYS-6a	0		12
Ta-177(n,4n2a)Tm-166	TALYS-6a	0	[8]	15
Ta-177(n,4npa)Yb-169g	TALYS-6a	0		14
Ta-177(n,4npa)Yb-169m	TALYS-6a	0		14
Ta-177(n,3n2pa)Tm-169	TALYS-6a	0	[8]	12
Ta-177(n,5n2p)Lu-171g	TALYS-6a	0		8
Ta-177(n,5n2p)Lu-171m	TALYS-6a	0		8
Ta-179(n,2nd)Hf-176	TALYS-6a	0	[8]	27
Ta-179(n,2n)Ta-178g	TALYS-6a	0	[4]	46
Ta-179(n,2n)Ta-178m	TALYS-6a	0	[4,7,8]	45
Ta-179(n,3n)Ta-177	TALYS-6a	0		32
Ta-179(n,n'a)Lu-175	TALYS-6a	0		100
Ta-179(n,2na)Lu-174g	TALYS-6a	0		41
Ta-179(n,2na)Lu-174m	TALYS-6a	0		41
Ta-179(n,3na)Lu-173	TALYS-6a	0	[8]	29
Ta-179(n,n'p)Hf-178g	TALYS-6a	0	[4]	54
Ta-179(n,n'p)Hf-178m	TALYS-6a	0	[4,7,8]	47
Ta-179(n,n'p)Hf-178n	TALYS-6a	0	[4,7,8]	46
Ta-179(n,n'2a)Tm-171	TALYS-6a	0		100
Ta-179(n,2n2a)Tm-170	TALYS-6a	0	[8]	29
Ta-179(n,n'd)Hf-177g	TALYS-6a	0	[4,8]	36
Ta-179(n,n'd)Hf-177m	TALYS-6a	0	[4,7,8,8]	35
Ta-179(n,n'd)Hf-177n	TALYS-6a	0	[4,7,8,8]	33
Ta-179(n,n't)Hf-176	TALYS-6a	0	[8]	35
Ta-179(n,n'h)Lu-176g	TALYS-6a	0		29
Ta-179(n,n'h)Lu-176m	TALYS-6a	0		28
Ta-179(n,4n)Ta-176	TALYS-6a	0		23
Ta-179(n,2np)Hf-177g	TALYS-6a	0	[4,8]	33
Ta-179(n,2np)Hf-177m	TALYS-6a	0	[4,7,8,8]	31
Ta-179(n,2np)Hf-177n	TALYS-6a	0	[4,7,8,8]	29
Ta-179(n,3np)Hf-176	TALYS-6a	0	[8]	26
Ta-179(n,n'2p)Lu-177g	TALYS-6a	0	[4,8]	29
Ta-179(n,n'2p)Lu-177m	TALYS-6a	0	[4,7,8,8]	28
+Ta-179(n,n'2p)Lu-177n	TALYS-6a	0	[4,7,8,8]	28
Ta-179(n,n'pa)Yb-174	TALYS-6a	0	[8]	38
Ta-179(n,g)Ta-180g	MASGAM	2	[14,13,4,6,4]	83
Ta-179(n,g)Ta-180m	MASGAM	0	[14,13,4,6,4]	83
Ta-179(n,p)Hf-179g	TALYS-6a	0	[4,2]	100
Ta-179(n,p)Hf-179m	TALYS-6a	0	[4,7,2]	100
Ta-179(n,p)Hf-179n	TALYS-6a	0	[4,7,8,2,10]	87
Ta-179(n,d)Hf-178g	TALYS-6a	0	[4]	61
Ta-179(n,d)Hf-178m	TALYS-6a	0	[4,7,8]	54
Ta-179(n,d)Hf-178n	TALYS-6a	0	[4,7,8]	57
Ta-179(n,t)Hf-177g	TALYS-6a	0	[4,8]	52
Ta-179(n,t)Hf-177m	TALYS-6a	0	[4,7,8,8]	51

Reaction	Library	Flag	Refs	Value
Ta-179(n,t)Hf-177n	TALYS-6a	0	[4,7,8,8]	48
Ta-179(n,h)Lu-177g	TALYS-6a	0	[4,8,4]	40
Ta-179(n,h)Lu-177m	TALYS-6a	0	[4,7,8,8,4]	39
+Ta-179(n,h)Lu-177n	TALYS-6a	0	[4,7,8,8,4]	39
Ta-179(n,a)Lu-176g	TALYS-6a	0	[2]	100
Ta-179(n,a)Lu-176m	TALYS-6a	0	[2]	100
Ta-179(n,2p)Lu-178g	TALYS-6a	0		37
Ta-179(n,2p)Lu-178m	TALYS-6a	0		37
Ta-179(n,pd)Lu-177g	TALYS-6a	0	[4,8]	30
Ta-179(n,pd)Lu-177m	TALYS-6a	0	[4,7,8,8]	29
+Ta-179(n,pd)Lu-177n	TALYS-6a	0	[4,7,8,8]	29
Ta-179(n,5n)Ta-175	TALYS-6a	0		16
Ta-179(n,6n)Ta-174	TALYS-6a	0		12
Ta-179(n,2nt)Hf-175	TALYS-6a	0	[8]	25
Ta-179(n,4np)Hf-175	TALYS-6a	0	[8]	18
Ta-179(n,3nd)Hf-175	TALYS-6a	0	[8]	19
Ta-179(n,n'da)Yb-173	TALYS-6a	0	[8]	28
Ta-179(n,2npa)Yb-173	TALYS-6a	0	[8]	27
Ta-179(n,7n)Ta-173	TALYS-6a	0		8
Ta-179(n,5np)Hf-174	TALYS-6a	0		14
Ta-179(n,6np)Hf-173	TALYS-6a	0		10
Ta-179(n,7np)Hf-172	TALYS-6a	0	[8]	6
Ta-179(n,4na)Lu-172g	TALYS-6a	0		21
Ta-179(n,4na)Lu-172m	TALYS-6a	0		21
Ta-179(n,5na)Lu-171g	TALYS-6a	0		15
Ta-179(n,5na)Lu-171m	TALYS-6a	0		15
Ta-179(n,6na)Lu-170g	TALYS-6a	0		11
Ta-179(n,6na)Lu-170m	TALYS-6a	0		11
Ta-179(n,7na)Lu-169g	TALYS-6a	0		7
Ta-179(n,7na)Lu-169m	TALYS-6a	0		7
Ta-179(n,4nd)Hf-174	TALYS-6a	0	[8]	14
Ta-179(n,5nd)Hf-173	TALYS-6a	0	[8]	10
Ta-179(n,6nd)Hf-172	TALYS-6a	0	[8]	7
Ta-179(n,3nt)Hf-174	TALYS-6a	0	[8]	18
Ta-179(n,4nt)Hf-173	TALYS-6a	0	[8]	13
Ta-179(n,5nt)Hf-172	TALYS-6a	0	[8]	9
Ta-179(n,2nh)Lu-175	TALYS-6a	0	[8]	23
Ta-179(n,3nh)Lu-174g	TALYS-6a	0		16
Ta-179(n,3nh)Lu-174m	TALYS-6a	0		16
Ta-179(n,4nh)Lu-173	TALYS-6a	0	[8]	12
Ta-179(n,3n2p)Lu-175	TALYS-6a	0	[8]	16
Ta-179(n,3n2a)Tm-169	TALYS-6a	0	[8]	22
Ta-179(n,3npa)Yb-172	TALYS-6a	0	[8]	20
Ta-179(n,n'pd)Lu-176g	TALYS-6a	0		23
Ta-179(n,n'pd)Lu-176m	TALYS-6a	0		22
Ta-179(n,n'pt)Lu-175	TALYS-6a	0	[8]	22
Ta-179(n,n'dt)Lu-174g	TALYS-6a	0		16
Ta-179(n,n'dt)Lu-174m	TALYS-6a	0		16
Ta-179(n,n'ta)Yb-172	TALYS-6a	0	[8]	27
Ta-179(n,2n2p)Lu-176g	TALYS-6a	0		21
Ta-179(n,2n2p)Lu-176m	TALYS-6a	0		21
Ta-179(n,4n2p)Lu-174g	TALYS-6a	0		12
Ta-179(n,4n2p)Lu-174m	TALYS-6a	0		12
Ta-179(n,4n2a)Tm-168	TALYS-6a	0	[8]	15
Ta-179(n,4npa)Yb-171	TALYS-6a	0	[8]	14
Ta-179(n,5n2p)Lu-173	TALYS-6a	0	[8]	9
Ta-180(n,n')Ta-180m	TALYS-6a	0		90
Ta-180(n,2nd)Hf-177g	TALYS-6a	0	[4,8]	27
Ta-180(n,2nd)Hf-177m	TALYS-6a	0	[4,7,8,8]	26
Ta-180(n,2nd)Hf-177n	TALYS-6a	0	[4,7,8,8]	24
Ta-180(n,2n)Ta-179	TALYS-6a	0		52
Ta-180(n,3n)Ta-178g	TALYS-6a	0	[4]	32
Ta-180(n,3n)Ta-178m	TALYS-6a	0	[4,7,8]	31
Ta-180(n,n'a)Lu-176g	TALYS-6a	0		100
Ta-180(n,n'a)Lu-176m	TALYS-6a	0		100
Ta-180(n,2na)Lu-175	TALYS-6a	0	[8]	43
Ta-180(n,3na)Lu-174g	TALYS-6a	0		29
Ta-180(n,3na)Lu-174m	TALYS-6a	0		29
Ta-180(n,n'p)Hf-179g	TALYS-6a	0	[4]	51
Ta-180(n,n'p)Hf-179m	TALYS-6a	0	[4,7,8]	48
Ta-180(n,n'p)Hf-179n	TALYS-6a	0	[4,7,8]	50
Ta-180(n,n'2a)Tm-172	TALYS-6a	0		100
Ta-180(n,2n2a)Tm-171	TALYS-6a	0	[8]	30
Ta-180(n,n'd)Hf-178g	TALYS-6a	0	[4]	38
Ta-180(n,n'd)Hf-178m	TALYS-6a	0	[4,7,8]	35
Ta-180(n,n'd)Hf-178n	TALYS-6a	0	[4,7,8]	36
Ta-180(n,n't)Hf-177g	TALYS-6a	0	[4,8]	35
Ta-180(n,n't)Hf-177m	TALYS-6a	0	[4,7,8,8]	34
Ta-180(n,n't)Hf-177n	TALYS-6a	0	[4,7,8,8]	32
Ta-180(n,n'h)Lu-177g	TALYS-6a	0	[4,8]	29
Ta-180(n,n'h)Lu-177m	TALYS-6a	0	[4,7,8,8]	28
+Ta-180(n,n'h)Lu-177n	TALYS-6a	0	[4,7,8,8]	28
Ta-180(n,4n)Ta-177	TALYS-6a	0		25
Ta-180(n,2np)Hf-178g	TALYS-6a	0	[4]	35
Ta-180(n,2np)Hf-178m	TALYS-6a	0	[4,7,8]	32
Ta-180(n,2np)Hf-178n	TALYS-6a	0	[4,7,8]	32
Ta-180(n,3np)Hf-177g	TALYS-6a	0	[4,8]	26
Ta-180(n,3np)Hf-177m	TALYS-6a	0	[4,7,8,8]	24
Ta-180(n,3np)Hf-177n	TALYS-6a	0	[4,7,8,8]	22
Ta-180(n,n'2p)Lu-178g	TALYS-6a	0		28
Ta-180(n,n'2p)Lu-178m	TALYS-6a	0		28
Ta-180(n,n'pa)Yb-175	TALYS-6a	0	[8]	36
Ta-180(n,g)Ta-181	TALYS-6	4	[9]	1620
Ta-180(n,p)Hf-180g	TALYS-6a	0	[9,2,3]	1635
Ta-180(n,p)Hf-180m	TALYS-6a	0	[2]	100
Ta-180(n,d)Hf-179g	TALYS-6a	0	[4]	58
Ta-180(n,d)Hf-179m	TALYS-6a	0	[4,7,8]	55
Ta-180(n,d)Hf-179n	TALYS-6a	0	[4,7,8]	57
Ta-180(n,t)Hf-178g	TALYS-6a	0	[4]	56
Ta-180(n,t)Hf-178m	TALYS-6a	0	[4,7,8]	50
Ta-180(n,t)Hf-178n	TALYS-6a	0	[4,7,8]	55
Ta-180(n,h)Lu-178g	TALYS-6a	0		38
Ta-180(n,h)Lu-178m	TALYS-6a	0		38
Ta-180(n,a)Lu-177g	TALYS-6a	0	[9,4,2,3]	1629
Ta-180(n,a)Lu-177m	TALYS-6a	0	[7,9,4,7,2,3]	1629
+Ta-180(n,a)Lu-177n	TALYS-6a	0	[7,4,7]	100
Ta-180(n,2p)Lu-179	TALYS-6a	0	[8]	38
Ta-180(n,pd)Lu-178g	TALYS-6a	0		29
Ta-180(n,pd)Lu-178m	TALYS-6a	0		29
Ta-180(n,5n)Ta-176	TALYS-6a	0		17
Ta-180(n,6n)Ta-175	TALYS-6a	0		13
Ta-180(n,2nt)Hf-176	TALYS-6a	0	[8]	26
Ta-180(n,4np)Hf-176	TALYS-6a	0	[8]	19
Ta-180(n,3nd)Hf-176	TALYS-6a	0	[8]	21
Ta-180(n,n'da)Yb-174	TALYS-6a	0	[8]	29
Ta-180(n,2npa)Yb-174	TALYS-6a	0	[8]	28
Ta-180(n,7n)Ta-174	TALYS-6a	0		9
Ta-180(n,5np)Hf-175	TALYS-6a	0		14
Ta-180(n,6np)Hf-174	TALYS-6a	0	[8]	10
Ta-180(n,7np)Hf-173	TALYS-6a	0	[8]	6
Ta-180(n,4na)Lu-173	TALYS-6a	0	[8]	23
Ta-180(n,5na)Lu-172g	TALYS-6a	0		15
Ta-180(n,5na)Lu-172m	TALYS-6a	0		15
Ta-180(n,6na)Lu-171g	TALYS-6a	0		12
Ta-180(n,6na)Lu-171m	TALYS-6a	0		12
Ta-180(n,7na)Lu-170g	TALYS-6a	0		7
Ta-180(n,7na)Lu-170m	TALYS-6a	0		7
Ta-180(n,4nd)Hf-175	TALYS-6a	0	[8]	15
Ta-180(n,5nd)Hf-174	TALYS-6a	0	[8]	11
Ta-180(n,6nd)Hf-173	TALYS-6a	0	[8]	7
Ta-180(n,3nt)Hf-175	TALYS-6a	0	[8]	18
Ta-180(n,4nt)Hf-174	TALYS-6a	0	[8]	14
Ta-180(n,5nt)Hf-173	TALYS-6a	0	[8]	9
Ta-180(n,6nt)Hf-172	TALYS-6a	0	[8]	6
Ta-180(n,2nh)Lu-176g	TALYS-6a	0		22
Ta-180(n,2nh)Lu-176m	TALYS-6a	0		22
Ta-180(n,3nh)Lu-175	TALYS-6a	0	[8]	16
Ta-180(n,4nh)Lu-174g	TALYS-6a	0		12
Ta-180(n,4nh)Lu-174m	TALYS-6a	0		12
Ta-180(n,3n2p)Lu-176g	TALYS-6a	0		16
Ta-180(n,3n2p)Lu-176m	TALYS-6a	0		16
Ta-180(n,3n2a)Tm-170	TALYS-6a	0	[8]	22
Ta-180(n,3npa)Yb-173	TALYS-6a	0	[8]	20
Ta-180(n,n'pd)Lu-177g	TALYS-6a	0	[4,8]	23
Ta-180(n,n'pd)Lu-177m	TALYS-6a	0	[4,7,8,8]	22
+Ta-180(n,n'pd)Lu-177n	TALYS-6a	0	[4,7,8,8]	22
Ta-180(n,n'pt)Lu-176g	TALYS-6a	0		22
Ta-180(n,n'pt)Lu-176m	TALYS-6a	0		22
Ta-180(n,n'dt)Lu-175	TALYS-6a	0	[8]	16
Ta-180(n,n'ta)Yb-173	TALYS-6a	0	[8]	27
Ta-180(n,2n2p)Lu-177g	TALYS-6a	0	[4,8]	22
Ta-180(n,2n2p)Lu-177m	TALYS-6a	0	[4,7,8,8]	21
+Ta-180(n,2n2p)Lu-177n	TALYS-6a	0	[4,7,8,8]	21
Ta-180(n,4n2p)Lu-175	TALYS-6a	0	[8]	13
Ta-180(n,4n2a)Tm-169	TALYS-6a	0	[8]	16
Ta-180(n,4npa)Yb-172	TALYS-6a	0	[8]	15
Ta-180(n,5n2p)Lu-174g	TALYS-6a	0		9
Ta-180(n,5n2p)Lu-174m	TALYS-6a	0		9
Ta-180m(n,n')Ta-180g	TALYS-6a	0	[8]	97
Ta-180m(n,2nd)Hf-177g	TALYS-6a	0	[4,8]	27
Ta-180m(n,2nd)Hf-177m	TALYS-6a	0	[4,7,8,8]	26
Ta-180m(n,2nd)Hf-177n	TALYS-6a	0	[4,7,8,8]	24
Ta-180m(n,2n)Ta-179	TALYS-6a	0		52
Ta-180m(n,3n)Ta-178g	TALYS-6a	0	[4]	32
Ta-180m(n,3n)Ta-178m	TALYS-6a	0	[4,7,8]	31
Ta-180m(n,n'a)Lu-176g	TALYS-6a	0		100
Ta-180m(n,n'a)Lu-176m	TALYS-6a	0		100
Ta-180m(n,2na)Lu-175	TALYS-6a	0	[8]	43
Ta-180m(n,3na)Lu-174g	TALYS-6a	0		30
Ta-180m(n,3na)Lu-174m	TALYS-6a	0		29
Ta-180m(n,n'p)Hf-179g	TALYS-6a	0	[4]	51
Ta-180m(n,n'p)Hf-179m	TALYS-6a	0	[4,7,8]	48
Ta-180m(n,n'p)Hf-179n	TALYS-6a	0	[4,7,8]	50
Ta-180m(n,n'2a)Tm-172	TALYS-6a	0		100
Ta-180m(n,2n2a)Tm-171	TALYS-6a	0	[8]	30
Ta-180m(n,n'd)Hf-178g	TALYS-6a	0	[4]	38
Ta-180m(n,n'd)Hf-178m	TALYS-6a	0	[4,7,8]	35
Ta-180m(n,n'd)Hf-178n	TALYS-6a	0	[4,7,8]	36
Ta-180m(n,n't)Hf-177g	TALYS-6a	0	[4,8]	35
Ta-180m(n,n't)Hf-177m	TALYS-6a	0	[4,7,8,8]	34
Ta-180m(n,n't)Hf-177n	TALYS-6a	0	[4,7,8,8]	32
Ta-180m(n,n'h)Lu-177g	TALYS-6a	0	[4,8]	29
Ta-180m(n,n'h)Lu-177m	TALYS-6a	0	[4,7,8,8]	28
+Ta-180m(n,n'h)Lu-177n	TALYS-6a	0	[4,7,8,8]	28
Ta-180m(n,4n)Ta-177	TALYS-6a	0		25
Ta-180m(n,2np)Hf-178g	TALYS-6a	0	[4]	35
Ta-180m(n,2np)Hf-178m	TALYS-6a	0	[4,7,8]	32
Ta-180m(n,2np)Hf-178n	TALYS-6a	0	[4,7,8]	32
Ta-180m(n,3np)Hf-177g	TALYS-6a	0	[4,8]	26
Ta-180m(n,3np)Hf-177m	TALYS-6a	0	[4,7,8,8]	24
Ta-180m(n,3np)Hf-177n	TALYS-6a	0	[4,7,8,8]	22
Ta-180m(n,n'2p)Lu-178g	TALYS-6a	0		27
Ta-180m(n,n'2p)Lu-178m	TALYS-6a	0		28
Ta-180m(n,n'pa)Yb-175	TALYS-6a	0	[8]	36
Ta-180m(n,g)Ta-181	MASGAM	2	[14,13,13,12,4]	118
Ta-180m(n,p)Hf-180g	TALYS-6a	0	[2]	100
Ta-180m(n,p)Hf-180m	TALYS-6a	0	[2]	100
Ta-180m(n,d)Hf-179g	TALYS-6a	0	[4]	58
Ta-180m(n,d)Hf-179m	TALYS-6a	0	[4,7,8]	53
Ta-180m(n,d)Hf-179n	TALYS-6a	0	[4,7,8]	57
Ta-180m(n,t)Hf-178g	TALYS-6a	0	[4]	55
Ta-180m(n,t)Hf-178m	TALYS-6a	0	[4,7,8]	50
Ta-180m(n,t)Hf-178n	TALYS-6a	0	[4,7,8]	54
Ta-180m(n,h)Lu-178g	TALYS-6a	0		35
Ta-180m(n,h)Lu-178m	TALYS-6a	0		36
Ta-180m(n,a)Lu-177g	TALYS-6a	0	[4,2]	100
Ta-180m(n,a)Lu-177m	TALYS-6a	0	[7,4,7,2]	100
+Ta-180m(n,a)Lu-177n	TALYS-6a	0	[7,4,7]	100
Ta-180m(n,2p)Lu-179	TALYS-6a	0	[8]	37
Ta-180m(n,pd)Lu-178g	TALYS-6a	0		29
Ta-180m(n,pd)Lu-178m	TALYS-6a	0		29
Ta-180m(n,5n)Ta-176	TALYS-6a	0		17
Ta-180m(n,6n)Ta-175	TALYS-6a	0		13
Ta-180m(n,2nt)Hf-176	TALYS-6a	0	[8]	26
Ta-180m(n,4np)Hf-176	TALYS-6a	0	[8]	19
Ta-180m(n,3nd)Hf-176	TALYS-6a	0	[8]	21
Ta-180m(n,n'da)Yb-174	TALYS-6a	0	[8]	29
Ta-180m(n,2npa)Yb-174	TALYS-6a	0	[8]	28

Ta-180m(n,7n)Ta-174	TALYS-6a	0		9	Ta-181(n,2npa)Yb-175	TALYS-6a	0 [8]		26
Ta-180m(n,5np)Hf-175	TALYS-6a	0		14	Ta-181(n,7n)Ta-175	TALYS-6a	0		9
Ta-180m(n,6np)Hf-174	TALYS-6a	0 [8]		10	Ta-181(n,8n)Ta-174	TALYS-6a	0		5
Ta-180m(n,7np)Hf-173	TALYS-6a	0 [8]		6	Ta-181(n,5np)Hf-176	TALYS-6a	0 [8]		14
Ta-180m(n,4na)Lu-173	TALYS-6a	0 [8]		23	Ta-181(n,6np)Hf-175	TALYS-6a	0 [8]		10
Ta-180m(n,5na)Lu-172g	TALYS-6a	0		15	Ta-181(n,7np)Hf-174	TALYS-6a	0		7
Ta-180m(n,5na)Lu-172m	TALYS-6a	0		15	Ta-181(n,4na)Lu-174g	TALYS-6a	0		22
Ta-180m(n,6na)Lu-171g	TALYS-6a	0		12	Ta-181(n,4na)Lu-174m	TALYS-6a	0		22
Ta-180m(n,6na)Lu-171m	TALYS-6a	0		12	Ta-181(n,5na)Lu-173	TALYS-6a	0 [8]		16
Ta-180m(n,7na)Lu-170g	TALYS-6a	0		7	Ta-181(n,6na)Lu-172g	TALYS-6a	0		11
Ta-180m(n,7na)Lu-170m	TALYS-6a	0		7	Ta-181(n,6na)Lu-172m	TALYS-6a	0		11
Ta-180m(n,4nd)Hf-175	TALYS-6a	0 [8]		15	Ta-181(n,7na)Lu-171g	TALYS-6a	0		8
Ta-180m(n,5nd)Hf-174	TALYS-6a	0 [8]		11	Ta-181(n,7na)Lu-171m	TALYS-6a	0		8
Ta-180m(n,6nd)Hf-173	TALYS-6a	0 [8]		7	Ta-181(n,4nd)Hf-176	TALYS-6a	0 [8]		15
Ta-180m(n,3nt)Hf-175	TALYS-6a	0 [8]		18	Ta-181(n,5nd)Hf-175	TALYS-6a	0 [8]		11
Ta-180m(n,4nt)Hf-174	TALYS-6a	0 [8]		14	Ta-181(n,6nd)Hf-174	TALYS-6a	0 [8]		7
Ta-180m(n,5nt)Hf-173	TALYS-6a	0 [8]		9	Ta-181(n,3nt)Hf-176	TALYS-6a	0 [8]		19
Ta-180m(n,6nt)Hf-172	TALYS-6a	0 [8]		6	Ta-181(n,4nt)Hf-175	TALYS-6a	0 [8]		13
Ta-180m(n,2nh)Lu-176g	TALYS-6a	0		22	Ta-181(n,5nt)Hf-174	TALYS-6a	0 [8]		10
Ta-180m(n,2nh)Lu-176m	TALYS-6a	0		22	Ta-181(n,6nt)Hf-173	TALYS-6a	0 [8]		6
Ta-180m(n,3nh)Lu-175	TALYS-6a	0 [8]		16	Ta-181(n,2nh)Lu-177g	TALYS-6a	0 [4,8]		22
Ta-180m(n,4nh)Lu-174g	TALYS-6a	0		12	Ta-181(n,2nh)Lu-177m	TALYS-6a	0 [4,7,8,8]		21
Ta-180m(n,4nh)Lu-174m	TALYS-6a	0		12	+Ta-181(n,2nh)Lu-177n	TALYS-6a	0 [4,7,8,8]		21
Ta-180m(n,3n2p)Lu-176g	TALYS-6a	0		16	Ta-181(n,3nh)Lu-176g	TALYS-6a	0		16
Ta-180m(n,3n2p)Lu-176m	TALYS-6a	0		16	Ta-181(n,3nh)Lu-176m	TALYS-6a	0		16
Ta-180m(n,3n2a)Tm-170	TALYS-6a	0 [8]		22	Ta-181(n,4nh)Lu-175	TALYS-6a	0 [8]		13
Ta-180m(n,3npa)Yb-173	TALYS-6a	0 [8]		20	Ta-181(n,3n2p)Lu-177g	TALYS-6a	0 [4,8]		15
Ta-180m(n,n'pd)Lu-177g	TALYS-6a	0 [4,8]		23	Ta-181(n,3n2p)Lu-177m	TALYS-6a	0 [4,7,8,8]		14
Ta-180m(n,n'pd)Lu-177m	TALYS-6a	0 [4,7,8,8]		22	+Ta-181(n,3n2p)Lu-177n	TALYS-6a	0 [4,7,8,8]		14
+Ta-180m(n,n'pd)Lu-177n	TALYS-6a	0 [4,7,8,8]		22	Ta-181(n,3n2a)Tm-171	TALYS-6a	0 [8]		21
Ta-180m(n,n'pt)Lu-176g	TALYS-6a	0		22	Ta-181(n,3npa)Yb-174	TALYS-6a	0 [8]		20
Ta-180m(n,n'pt)Lu-176m	TALYS-6a	0		22	Ta-181(n,n'pd)Lu-178g	TALYS-6a	0		21
Ta-180m(n,n'dt)Lu-175	TALYS-6a	0 [8]		16	Ta-181(n,n'pd)Lu-178m	TALYS-6a	0		21
Ta-180m(n,n'ta)Yb-173	TALYS-6a	0 [8]		27	Ta-181(n,n'pt)Lu-177g	TALYS-6a	0 [4,8]		21
Ta-180m(n,2n2p)Lu-177g	TALYS-6a	0 [4,8]		22	Ta-181(n,n'pt)Lu-177m	TALYS-6a	0 [4,7,8,8]		20
Ta-180m(n,2n2p)Lu-177m	TALYS-6a	0 [4,7,8,8]		21	+Ta-181(n,n'pt)Lu-177n	TALYS-6a	0 [4,7,8,8]		20
+Ta-180m(n,2n2p)Lu-177n	TALYS-6a	0 [4,7,8,8]		21	Ta-181(n,n'ta)Yb-174	TALYS-6a	0 [8]		27
Ta-180m(n,4n2p)Lu-175	TALYS-6a	0 [8]		13	Ta-181(n,2n2p)Lu-178g	TALYS-6a	0		20
Ta-180m(n,4n2a)Tm-169	TALYS-6a	0 [8]		16	Ta-181(n,2n2p)Lu-178m	TALYS-6a	0		20
Ta-180m(n,4npa)Yb-172	TALYS-6a	0 [8]		15	Ta-181(n,4n2p)Lu-176g	TALYS-6a	0		12
Ta-180m(n,5n2p)Lu-174g	TALYS-6a	0		9	Ta-181(n,4n2p)Lu-176m	TALYS-6a	0		12
Ta-180m(n,5n2p)Lu-174m	TALYS-6a	0		9	Ta-181(n,4n2a)Tm-170	TALYS-6a	0 [8]		15
Ta-181(n,2nd)Hf-178g	TALYS-6a	0 [4]		27	Ta-181(n,4npa)Yb-173	TALYS-6a	0 [8]		14
Ta-181(n,2nd)Hf-178m	TALYS-6a	0 [4,7,8]		25	Ta-181(n,5n2p)Lu-175	TALYS-6a	0 [8]		9
Ta-181(n,2nd)Hf-178n	TALYS-6a	0 [4,7,8]		26	Ta-182(n,n')Ta-182m	TALYS-6a	0		92
Ta-181(n,2n)Ta-180g	TALYS-6	6 [3]		47	Ta-182(n,n')Ta-182n	TALYS-6a	0		92
Ta-181(n,2n)Ta-180m	TALYS-6	4 [3]		47	Ta-182(n,2nd)Hf-179g	TALYS-6a	0 [4]		27
Ta-181(n,3n)Ta-179	TALYS-5	4		33	Ta-182(n,2nd)Hf-179m	TALYS-6a	0 [4,7,8]		26
Ta-181(n,n'a)Lu-177g	TALYS-6a	0 [4]		100	Ta-182(n,2nd)Hf-179n	TALYS-6a	0 [4,7,8]		26
Ta-181(n,n'a)Lu-177m	TALYS-6	5 [7,4,7]		100	Ta-182(n,2n)Ta-181	TALYS-6a	0		55
+Ta-181(n,n'a)Lu-177n	TALYS-6a	0 [7,4,7,8,10]		73	Ta-182(n,3n)Ta-180g	TALYS-6a	0		34
Ta-181(n,2na)Lu-176g	TALYS-6a	0		40	Ta-182(n,3n)Ta-180m	TALYS-6a	0		34
Ta-181(n,2na)Lu-176m	TALYS-6a	0		40	Ta-182(n,n'a)Lu-178g	TALYS-6a	0		100
Ta-181(n,3na)Lu-175	TALYS-6a	0 [8]		30	Ta-182(n,n'a)Lu-178m	TALYS-6a	0 [7]		100
Ta-181(n,n'p)Hf-180g	TALYS-6a	0 [4,8]		50	Ta-182(n,2na)Lu-177g	TALYS-6a	0 [4,8]		42
Ta-181(n,n'p)Hf-180m	ADL-3	6 [13,3,7,8]		43	Ta-182(n,2na)Lu-177m	TALYS-6a	0 [4,7,8,8]		41
Ta-181(n,n'2a)Tm-173	TALYS-6a	0		100	+Ta-182(n,2na)Lu-177n	TALYS-6a	0 [4,7,8,8]		41
Ta-181(n,2n2a)Tm-172	TALYS-6a	0 [8]		28	Ta-182(n,3na)Lu-176g	TALYS-6a	0		30
Ta-181(n,n'd)Hf-179g	TALYS-6a	0 [4]		35	Ta-182(n,3na)Lu-176m	TALYS-6a	0		30
Ta-181(n,n'd)Hf-179m	TALYS-6a	0 [4,7,8]		33	Ta-182(n,n'p)Hf-181	TALYS-6a	0 [8]		48
Ta-181(n,n'd)Hf-179n	TALYS-6a	0 [4,7,8]		34	Ta-182(n,2n2a)Tm-173	TALYS-6a	0 [8]		29
Ta-181(n,n't)Hf-178g	TALYS-6a	0 [4]		35	Ta-182(n,n'd)Hf-180g	TALYS-6a	0 [4,8]		37
Ta-181(n,n't)Hf-178m	TALYS-6a	0 [4,7,8]		31	Ta-182(n,n'd)Hf-180m	TALYS-6a	0 [4,7,8,8]		36
Ta-181(n,n't)Hf-178n	TALYS-6a	0 [4,7,8]		34	Ta-182(n,n't)Hf-179g	TALYS-6a	0 [4]		35
Ta-181(n,n'h)Lu-178g	TALYS-6a	0		27	Ta-182(n,n't)Hf-179m	TALYS-6a	0 [4,7,8]		33
Ta-181(n,n'h)Lu-178m	TALYS-6a	0		27	Ta-182(n,n't)Hf-179n	TALYS-6a	0 [4,7,8]		34
Ta-181(n,4n)Ta-178g	TALYS-6a	0 [4]		24	Ta-182(n,n'h)Lu-179	TALYS-6a	0 [8]		28
Ta-181(n,4n)Ta-178m	TALYS-5	5		24	Ta-182(n,4n)Ta-179	TALYS-6a	0		26
Ta-181(n,2np)Hf-179g	TALYS-6a	0 [4]		32	Ta-182(n,2np)Hf-180g	TALYS-6a	0 [4,8]		35
Ta-181(n,2np)Hf-179m	TALYS-6a	0 [4,7,8]		30	Ta-182(n,2np)Hf-180m	TALYS-6a	0 [4,7,8,8]		33
Ta-181(n,2np)Hf-179n	TALYS-6a	0 [4,7,8]		31	Ta-182(n,3np)Hf-179g	TALYS-6a	0 [4]		26
Ta-181(n,3np)Hf-178g	TALYS-6a	0 [4]		26	Ta-182(n,3np)Hf-179m	TALYS-6a	0 [4,7,8]		24
Ta-181(n,3np)Hf-178m	TALYS-6a	0 [4,7,8]		24	Ta-182(n,3np)Hf-179n	TALYS-6a	0 [4,7,8]		25
Ta-181(n,3np)Hf-178n	TALYS-6a	0 [4,7,8]		24	+Ta-182(n,n'2p)Lu-180g	TALYS-6a	0 [4,8]		26
Ta-181(n,n'2p)Lu-179	TALYS-6a	0 [8]		27	+Ta-182(n,n'2p)Lu-180m	TALYS-6a	0 [4,7,8,8]		25
Ta-181(n,n'pa)Yb-176g	TALYS-6a	0		33	Ta-182(n,n'pa)Yb-177g	TALYS-6a	0		33
Ta-181(n,n'pa)Yb-176m	TALYS-6a	0		31	Ta-182(n,n'pa)Yb-177m	TALYS-6a	0		31
Ta-181(n,g)Ta-182g 11554	JEF-2.2	6 [14,13,4,6]			>Ta-182(n,g)Ta-183	JEF-2.2	4 [14,13,3]		1851
Ta-181(n,g)Ta-182m 11554	JEF-2.2	2 [14,13,4,6]			Ta-182(n,p)Hf-182g	TALYS-6a	0 [2]		100
Ta-181(n,g)Ta-182n 11554	JEF-2.2	6 [14,7,13,4,6]			Ta-182(n,p)Hf-182m	TALYS-6a	0 [2]		76
Ta-181(n,p)Hf-181	ADL-3	6 [13,3,16]		45	Ta-182(n,d)Hf-181	TALYS-6a	0 [8]		55
Ta-181(n,d)Hf-180g	TALYS-6a	0 [4,8]		57	Ta-182(n,t)Hf-180g	TALYS-6a	0 [4,8]		56
Ta-181(n,d)Hf-180m	TALYS-5	5 [4,7,8,8]		57	Ta-182(n,t)Hf-180m	TALYS-6a	0 [4,7,8,8]		55
Ta-181(n,t)Hf-179g	TALYS-6a	0 [4]		49	+Ta-182(n,h)Lu-180g	TALYS-6a	0 [4,8]		36
Ta-181(n,t)Hf-179m	TALYS-6a	0 [4,7,8]		46	+Ta-182(n,h)Lu-180m	TALYS-6a	0 [4,7,8,8]		35
Ta-181(n,t)Hf-179n	TALYS-5	5 [4,7,8]		55	Ta-182(n,a)Lu-179	TALYS-6a	0 [9,2,3]		1850
Ta-181(n,h)Lu-179	TALYS-6a	5 [8]		37	Ta-182(n,2p)Lu-181	TALYS-6a	0 [8,7,8]		29
Ta-181(n,a)Lu-178g 11412	TALYS-6	5 [9,3,3]			+Ta-182(n,pd)Lu-180g	TALYS-6a	0 [4,8]		27
Ta-181(n,a)Lu-178m 11412	TALYS-6	6 [9,3,3]			+Ta-182(n,pd)Lu-180m	TALYS-6a	0 [4,7,8,8]		26
+Ta-181(n,2p)Lu-180g	TALYS-6a	0 [4,8]		33	Ta-182(n,da)Yb-177g	TALYS-6a	0		35
+Ta-181(n,2p)Lu-180m	TALYS-6a	0 [4,7,8,8]		32	Ta-182(n,da)Yb-177m	TALYS-6a	0		34
Ta-181(n,pd)Lu-179	TALYS-6a	0 [8]		28	Ta-182(n,5n)Ta-178g	TALYS-6a	0 [4]		18
Ta-181(n,5n)Ta-177	TALYS-6a	0		17	Ta-182(n,5n)Ta-178m	TALYS-6a	0 [4,7,8]		17
Ta-181(n,6n)Ta-176	TALYS-6a	0		13	Ta-182(n,6n)Ta-177	TALYS-6a	0		14
Ta-181(n,2nt)Hf-177g	TALYS-6a	0 [4,8]		25	Ta-182(n,2nt)Hf-178g	TALYS-6a	0 [4]		27
Ta-181(n,2nt)Hf-177m	TALYS-6a	0 [4,7,8,8]		24	Ta-182(n,2nt)Hf-178m	TALYS-6a	0 [4,7,8]		25
Ta-181(n,2nt)Hf-177n	TALYS-6a	0 [4,7,8,8]		23	Ta-182(n,2nt)Hf-178n	TALYS-6a	0 [4,7,8]		26
Ta-181(n,4np)Hf-177g	TALYS-6a	0 [4,8]		18	Ta-182(n,4np)Hf-178g	TALYS-6a	0 [4]		20
Ta-181(n,4np)Hf-177m	TALYS-6a	0 [4,7,8,8]		16	Ta-182(n,4np)Hf-178m	TALYS-6a	0 [4,7,8]		18
Ta-181(n,4np)Hf-177n	TALYS-6a	0 [4,7,8,8]		15	Ta-182(n,4np)Hf-178n	TALYS-6a	0 [4,7,8]		17
Ta-181(n,3nd)Hf-177g	TALYS-6a	0 [4,8]		19	Ta-182(n,3nd)Hf-178g	TALYS-6a	0 [4]		21
Ta-181(n,3nd)Hf-177m	TALYS-6a	0 [4,7,8,8]		18	Ta-182(n,3nd)Hf-178m	TALYS-6a	0 [4,7,8]		19
Ta-181(n,3nd)Hf-177n	TALYS-6a	0 [4,7,8,8]		17	Ta-182(n,3nd)Hf-178n	TALYS-6a	0 [4,7,8]		20
Ta-181(n,n'da)Yb-175	TALYS-6a	0 [8]		27	Ta-182(n,n'da)Yb-176g	TALYS-6a	0		27
					Ta-182(n,n'da)Yb-176m	TALYS-6a	0		26
					Ta-182(n,2npa)Yb-176g	TALYS-6a	0		26
					Ta-182(n,2npa)Yb-176m	TALYS-6a	0		25
					Ta-182(n,7n)Ta-176	TALYS-6a	0		10
					Ta-182(n,8n)Ta-175	TALYS-6a	0		6

Ta-182(n,5np)Hf-177g	TALYS-6a	0	[4,8]	14		Ta-183(n,4nd)Hf-178m	TALYS-6a	0	[4,7,8]	14
Ta-182(n,5np)Hf-177m	TALYS-6a	0	[4,7,8,8]	12		Ta-183(n,4nd)Hf-178n	TALYS-6a	0	[4,7,8]	14
Ta-182(n,5np)Hf-177n	TALYS-6a	0	[4,7,8,8]	11		Ta-183(n,5nd)Hf-177g	TALYS-6a	0	[4]	12
Ta-182(n,6np)Hf-176	TALYS-6a	0	[8]	11		Ta-183(n,5nd)Hf-177m	TALYS-6a	0	[4,7,8]	11
Ta-182(n,7np)Hf-175	TALYS-6a	0	[8]	7		Ta-183(n,5nd)Hf-177n	TALYS-6a	0	[4,7,8]	10
Ta-182(n,4na)Lu-175	TALYS-6a	0	[8]	23		Ta-183(n,6nd)Hf-176	TALYS-6a	0	[8]	8
Ta-182(n,5na)Lu-174g	TALYS-6a	0		16		Ta-183(n,3nt)Hf-178g	TALYS-6a	0	[4]	20
Ta-182(n,5na)Lu-174m	TALYS-6a	0		16		Ta-183(n,3nt)Hf-178m	TALYS-6a	0	[4,7,8]	18
Ta-182(n,6na)Lu-173	TALYS-6a	0	[8]	13		Ta-183(n,3nt)Hf-178n	TALYS-6a	0	[4,7,8]	19
Ta-182(n,7na)Lu-172g	TALYS-6a	0		8		Ta-183(n,4nt)Hf-177g	TALYS-6a	0	[4,8]	14
Ta-182(n,7na)Lu-172m	TALYS-6a	0		8		Ta-183(n,4nt)Hf-177m	TALYS-6a	0	[4,7,8,8]	13
Ta-182(n,4nd)Hf-177g	TALYS-6a	0	[4,8]	15		Ta-183(n,4nt)Hf-177n	TALYS-6a	0	[4,7,8,8]	12
Ta-182(n,4nd)Hf-177m	TALYS-6a	0	[4,7,8,8]	13		Ta-183(n,5nt)Hf-176	TALYS-6a	0	[8]	11
Ta-182(n,4nd)Hf-177n	TALYS-6a	0	[4,7,8,8]	13		Ta-183(n,6nt)Hf-175	TALYS-6a	0	[8]	7
Ta-182(n,5nd)Hf-176	TALYS-6a	0	[8]	12		Ta-183(n,2nh)Lu-179	TALYS-6a	0	[8]	22
Ta-182(n,6nd)Hf-175	TALYS-6a	0	[8]	8		Ta-183(n,3nh)Lu-178g	TALYS-6a	0		16
Ta-182(n,3nt)Hf-177g	TALYS-6a	0	[4,8]	19		Ta-183(n,3nh)Lu-178m	TALYS-6a	0		16
Ta-182(n,3nt)Hf-177m	TALYS-6a	0	[4,7,8,8]	18		Ta-183(n,4nh)Lu-177g	TALYS-6a	0	[4,8]	13
Ta-182(n,3nt)Hf-177n	TALYS-6a	0	[4,7,8,8]	17		Ta-183(n,4nh)Lu-177m	TALYS-6a	0	[4,7,8,8]	12
Ta-182(n,4nt)Hf-176	TALYS-6a	0	[8]	14	+Ta-183(n,4nh)Lu-177n	TALYS-6a	0	[4,7,8,8]	11
Ta-182(n,5nt)Hf-175	TALYS-6a	0	[8]	10		Ta-183(n,3n2p)Lu-179	TALYS-6a	0	[8]	15
Ta-182(n,6nt)Hf-174	TALYS-6a	0	[8]	7		Ta-183(n,3n2a)Tm-173	TALYS-6a	0	[8]	21
Ta-182(n,2nh)Lu-178g	TALYS-6a	0		22		Ta-183(n,3npa)Yb-176g	TALYS-6a	0		19
Ta-182(n,2nh)Lu-178m	TALYS-6a	0		22		Ta-183(n,3npa)Yb-176m	TALYS-6a	0		18
Ta-182(n,3nh)Lu-177g	TALYS-6a	0	[4,8]	16	+Ta-183(n,n'pd)Lu-180g	TALYS-6a	0	[4,8]	20
Ta-182(n,3nh)Lu-177m	TALYS-6a	0	[4,7,8,8]	15	+Ta-183(n,n'pd)Lu-180m	TALYS-6a	0	[4,7,8,8]	19
+Ta-182(n,3nh)Lu-177n	TALYS-6a	0	[4,7,8,8]	15		Ta-183(n,n'pt)Lu-179	TALYS-6a	0	[8]	21
Ta-182(n,4nh)Lu-176g	TALYS-6a	0		13	+Ta-183(n,2n2p)Lu-180g	TALYS-6a	0	[4,8]	19
Ta-182(n,4nh)Lu-176m	TALYS-6a	0		13	+Ta-183(n,2n2p)Lu-180m	TALYS-6a	0	[4,7,8,8]	18
Ta-182(n,3n2p)Lu-178g	TALYS-6a	0		15		Ta-183(n,4n2p)Lu-178g	TALYS-6a	0		12
Ta-182(n,3n2p)Lu-178m	TALYS-6a	0		15		Ta-183(n,4n2p)Lu-178m	TALYS-6a	0		12
Ta-182(n,3n2a)Tm-172	TALYS-6a	0	[8]	21		Ta-183(n,4n2a)Tm-172	TALYS-6a	0	[8]	15
Ta-182(n,3npa)Yb-175	TALYS-6a	0	[8]	19		Ta-183(n,4npa)Yb-175	TALYS-6a	0	[8]	14
Ta-182(n,n'pd)Lu-179	TALYS-6a	0	[8]	22		Ta-183(n,5n2p)Lu-177g	TALYS-6a	0	[4,8]	9
Ta-182(n,2n2p)Lu-179	TALYS-6a	0	[8]	21		Ta-183(n,5n2p)Lu-177m	TALYS-6a	0	[4,7,8,8]	8
Ta-182(n,4n2p)Lu-177g	TALYS-6a	0	[4,8]	12	+Ta-183(n,5n2p)Lu-177n	TALYS-6a	0	[4,7,8,8]	8
Ta-182(n,4n2p)Lu-177m	TALYS-6a	0	[4,7,8,8]	11		Ta-184(n,2nd)Hf-181	TALYS-6a	0	[8]	28
+Ta-182(n,4n2p)Lu-177n	TALYS-6a	0	[4,7,8,8]	11		Ta-184(n,2n)Ta-183	TALYS-6a	0		57
Ta-182(n,4n2a)Tm-171	TALYS-6a	0	[8]	15		Ta-184(n,3n)Ta-182g	TALYS-6a	0	[4]	36
Ta-182(n,4npa)Yb-174	TALYS-6a	0	[8]	15		Ta-184(n,3n)Ta-182m	TALYS-6a	0	[4,7,8]	35
Ta-182(n,5n2p)Lu-176g	TALYS-6a	0		9		Ta-184(n,3n)Ta-182n	TALYS-6a	0	[4,7,8]	34
Ta-182(n,5n2p)Lu-176m	TALYS-6a	0		9		Ta-184(n,n'a)Lu-180g	TALYS-6a	0	[4]	100
Ta-183(n,2nd)Hf-180g	TALYS-6a	0		28		Ta-184(n,n'a)Lu-180m	TALYS-6a	0	[4,7]	100
Ta-183(n,2nd)Hf-180m	TALYS-6a	0		27		Ta-184(n,2na)Lu-179	TALYS-6a	0	[8]	43
Ta-183(n,2n)Ta-182g	TALYS-6a	0	[4,2]	51		Ta-184(n,3na)Lu-178g	TALYS-6a	0		30
Ta-183(n,2n)Ta-182m	TALYS-6a	0	[4,7,8,2]	50		Ta-184(n,3na)Lu-178m	TALYS-6a	0		30
Ta-183(n,2n)Ta-182n	TALYS-6a	0	[4,7,8,2]	47		Ta-184(n,n'p)Hf-183	TALYS-6a	0	[8]	45
Ta-183(n,3n)Ta-181	TALYS-6a	0		35		Ta-184(n,n'd)Hf-182g	TALYS-6a	0	[4,8]	37
Ta-183(n,n'a)Lu-179	TALYS-6a	0		100		Ta-184(n,n'd)Hf-182m	TALYS-6a	0	[4,7,8,8]	36
Ta-183(n,2na)Lu-178g	TALYS-6a	0		41		Ta-184(n,n't)Hf-181	TALYS-6a	0	[8]	36
Ta-183(n,2na)Lu-178m	TALYS-6a	0		40		Ta-184(n,n'h)Lu-181	TALYS-6a	0	[8,7,8]	27
Ta-183(n,3na)Lu-177g	TALYS-6a	0	[4,8]	30		Ta-184(n,4n)Ta-181	TALYS-6a	0		28
Ta-183(n,3na)Lu-177m	TALYS-6a	0	[4,7,8,8]	29		Ta-184(n,2np)Hf-182g	TALYS-6a	0	[4,8]	34
+Ta-183(n,3na)Lu-177n	TALYS-6a	0	[4,7,8,8]	29		Ta-184(n,2np)Hf-182m	TALYS-6a	0	[4,7,8,8]	33
Ta-183(n,n'p)Hf-182g	TALYS-6a	0	[4,8]	46		Ta-184(n,3np)Hf-181	TALYS-6a	0	[8]	26
Ta-183(n,n'p)Hf-182m	TALYS-6a	0	[4,7,8,8]	45		Ta-184(n,n'2p)Lu-182	TALYS-6a	0	[8,7,8]	24
Ta-183(n,2n2a)Tm-174	TALYS-6a	0	[8]	23		Ta-184(n,g)Ta-185	TALYS-6a	0	[14]	100
Ta-183(n,n'd)Hf-181	TALYS-6a	0	[8]	35		Ta-184(n,p)Hf-184g	TALYS-6a	0	[4,2,8]	76
Ta-183(n,n't)Hf-180g	TALYS-6a	0		35		Ta-184(n,p)Hf-184m	TALYS-6a	0	[4,7,8,2,8]	74
Ta-183(n,n't)Hf-180m	TALYS-6a	0		33		Ta-184(n,d)Hf-183	TALYS-6a	0	[8]	52
+Ta-183(n,n'h)Lu-180g	TALYS-6a	0	[4,8]	27		Ta-184(n,t)Hf-182g	TALYS-6a	0	[4,8]	55
+Ta-183(n,n'h)Lu-180m	TALYS-6a	0	[4,7,8,8]	26		Ta-184(n,t)Hf-182m	TALYS-6a	0	[4,7,8,8]	54
Ta-183(n,4n)Ta-180g	TALYS-6a	0		26		Ta-184(n,h)Lu-182	TALYS-6a	0	[8,7,8]	31
Ta-183(n,4n)Ta-180m	TALYS-6a	0		26		Ta-184(n,a)Lu-181	TALYS-6a	0	[2]	100
Ta-183(n,2np)Hf-181	TALYS-6a	0	[8]	32		Ta-184(n,2p)Lu-183	TALYS-6a	0	[8,7,8]	27
Ta-183(n,3np)Hf-180g	TALYS-6a	0		26		Ta-184(n,pd)Lu-182	TALYS-6a	0	[8,7,8]	26
Ta-183(n,3np)Hf-180m	TALYS-6a	0		25		Ta-184(n,5n)Ta-180g	TALYS-6a	0		20
Ta-183(n,n'2p)Lu-181	TALYS-6a	0	[8,7,8]	25		Ta-184(n,5n)Ta-180m	TALYS-6a	0		20
Ta-183(n,npa)Yb-178	TALYS-6a	0	[8]	32		Ta-184(n,6n)Ta-179	TALYS-6a	0		15
Ta-183(n,g)Ta-184	MASGAM	0	[14,13]	83		Ta-184(n,2nt)Hf-180g	TALYS-6a	0		28
Ta-183(n,p)Hf-183	TALYS-6a	0	[2,8]	74		Ta-184(n,2nt)Hf-180m	TALYS-6a	0		27
Ta-183(n,d)Hf-182g	TALYS-6a	0	[4,8]	54		Ta-184(n,4np)Hf-180g	TALYS-6a	0		20
Ta-183(n,d)Hf-182m	TALYS-6a	0	[4,7,8,8]	53		Ta-184(n,4np)Hf-180m	TALYS-6a	0		19
Ta-183(n,t)Hf-181	TALYS-6a	0	[8]	49		Ta-184(n,3nd)Hf-180g	TALYS-6a	0		22
Ta-183(n,h)Lu-181	TALYS-6a	0	[8,7,8]	31		Ta-184(n,3nd)Hf-180m	TALYS-6a	0		21
+Ta-183(n,a)Lu-180g	TALYS-6a	0	[4]	100		Ta-184(n,2npa)Yb-178	TALYS-6a	0	[8]	26
+Ta-183(n,a)Lu-180m	TALYS-6a	0	[4,7]	100		Ta-184(n,7n)Ta-178g	TALYS-6a	0	[4]	11
Ta-183(n,2p)Lu-182	TALYS-6a	0	[8,7,8]	28		Ta-184(n,7n)Ta-178m	TALYS-6a	0	[4,7,8]	10
Ta-183(n,pd)Lu-181	TALYS-6a	0	[8,7,8]	26		Ta-184(n,8n)Ta-177	TALYS-6a	0		8
Ta-183(n,5n)Ta-179	TALYS-6a	0		19		Ta-184(n,5np)Hf-179g	TALYS-6a	0	[4]	15
Ta-183(n,6n)Ta-178g	TALYS-6a	0	[4]	14		Ta-184(n,5np)Hf-179m	TALYS-6a	0	[4,7,8]	14
Ta-183(n,6n)Ta-178m	TALYS-6a	0	[4,7,8]	13		Ta-184(n,5np)Hf-179n	TALYS-6a	0	[4,7,8]	14
Ta-183(n,2nt)Hf-179g	TALYS-6a	0	[4]	26		Ta-184(n,6np)Hf-178g	TALYS-6a	0	[4]	12
Ta-183(n,2nt)Hf-179m	TALYS-6a	0	[4,7,8]	25		Ta-184(n,6np)Hf-178m	TALYS-6a	0	[4,7,8]	10
Ta-183(n,2nt)Hf-179n	TALYS-6a	0	[4,7,8]	25		Ta-184(n,6np)Hf-178n	TALYS-6a	0	[4,7,8]	10
Ta-183(n,4np)Hf-179g	TALYS-6a	0	[4]	19		Ta-184(n,7np)Hf-177g	TALYS-6a	0	[4,8]	8
Ta-183(n,4np)Hf-179m	TALYS-6a	0	[4,7,8]	17		Ta-184(n,7np)Hf-177m	TALYS-6a	0	[4,7,8,8]	6
Ta-183(n,4np)Hf-179n	TALYS-6a	0	[4,7,8]	18		Ta-184(n,7np)Hf-177n	TALYS-6a	0	[4,7,8,8]	5
Ta-183(n,3nd)Hf-179g	TALYS-6a	0	[4]	20		Ta-184(n,4na)Lu-177g	TALYS-6a	0	[4,8]	24
Ta-183(n,3nd)Hf-179m	TALYS-6a	0	[4,7,8]	19		Ta-184(n,4na)Lu-177m	TALYS-6a	0	[4,7,8,8]	23
Ta-183(n,3nd)Hf-179n	TALYS-6a	0	[4,7,8]	19		Ta-184(n,4na)Lu-177n	TALYS-6a	0	[4,7,8,8]	23
Ta-183(n,2npa)Yb-177g	TALYS-6a	0		25		Ta-184(n,5na)Lu-176g	TALYS-6a	0		17
Ta-183(n,2npa)Yb-177m	TALYS-6a	0		24		Ta-184(n,5na)Lu-176m	TALYS-6a	0		17
Ta-183(n,7n)Ta-177	TALYS-6a	0		10		Ta-184(n,6na)Lu-175	TALYS-6a	0	[8]	13
Ta-183(n,8n)Ta-176	TALYS-6a	0		6		Ta-184(n,7na)Lu-174g	TALYS-6a	0		9
Ta-183(n,5np)Hf-178g	TALYS-6a	0	[4]	14		Ta-184(n,7na)Lu-174m	TALYS-6a	0		9
Ta-183(n,5np)Hf-178m	TALYS-6a	0	[4,7,8]	13		Ta-184(n,4nd)Hf-179g	TALYS-6a	0	[4]	16
Ta-183(n,5np)Hf-178n	TALYS-6a	0	[4,7,8]	13		Ta-184(n,4nd)Hf-179m	TALYS-6a	0	[4,7,8]	14
Ta-183(n,6np)Hf-177g	TALYS-6a	0	[4]	11		Ta-184(n,4nd)Hf-179n	TALYS-6a	0	[4,7,8]	15
Ta-183(n,6np)Hf-177m	TALYS-6a	0	[4,7,8]	10		Ta-184(n,5nd)Hf-178g	TALYS-6a	0	[4]	12
Ta-183(n,6np)Hf-177n	TALYS-6a	0	[4,7,8]	9		Ta-184(n,5nd)Hf-178m	TALYS-6a	0	[4,7,8]	11
Ta-183(n,7np)Hf-176	TALYS-6a	0		8		Ta-184(n,5nd)Hf-178n	TALYS-6a	0	[4,7,8]	11
Ta-183(n,4na)Lu-176g	TALYS-6a	0		23		Ta-184(n,6nd)Hf-177g	TALYS-6a	0	[4,8]	9
Ta-183(n,4na)Lu-176m	TALYS-6a	0		23		Ta-184(n,6nd)Hf-177m	TALYS-6a	0	[4,7,8,8]	7
Ta-183(n,5na)Lu-175	TALYS-6a	0	[8]	16		Ta-184(n,6nd)Hf-177n	TALYS-6a	0	[4,7,8,8]	6
Ta-183(n,6na)Lu-174g	TALYS-6a	0		12		Ta-184(n,3nt)Hf-179g	TALYS-6a	0	[4]	20
Ta-183(n,6na)Lu-174m	TALYS-6a	0		12		Ta-184(n,3nt)Hf-179m	TALYS-6a	0	[4,7,8]	19
Ta-183(n,7na)Lu-173	TALYS-6a	0	[8]	9		Ta-184(n,3nt)Hf-179n	TALYS-6a	0	[4,7,8]	19
Ta-183(n,4nd)Hf-178g	TALYS-6a	0	[4]	15		Ta-184(n,4nt)Hf-178g	TALYS-6a	0	[4]	15

Reaction	Library	Flag	Refs	Value
Ta-184(n,4nt)Hf-178m	TALYS-6a	0	[4,7,8]	14
Ta-184(n,4nt)Hf-178n	TALYS-6a	0	[4,7,8]	14
Ta-184(n,5nt)Hf-177g	TALYS-6a	0	[4,8]	11
Ta-184(n,5nt)Hf-177m	TALYS-6a	0	[4,7,8,8]	10
Ta-184(n,5nt)Hf-177n	TALYS-6a	0	[4,7,8,8]	9
Ta-184(n,6nt)Hf-176	TALYS-6a	0	[8]	8
Ta-184(n,2nh)Lu-180g	TALYS-6a	0	[4,8]	21
Ta-184(n,2nh)Lu-180m	TALYS-6a	0	[4,7,8,8]	20
Ta-184(n,3nh)Lu-179	TALYS-6a	0	[8]	16
Ta-184(n,4nh)Lu-178g	TALYS-6a	0		13
Ta-184(n,4nh)Lu-178m	TALYS-6a	0		13
Ta-184(n,3n2p)Lu-180g	TALYS-6a	0	[4,8]	15
Ta-184(n,3n2p)Lu-180m	TALYS-6a	0	[4,7,8,8]	14
Ta-184(n,3n2a)Tm-174	TALYS-6a	0	[8]	17
Ta-184(n,3npa)Yb-177g	TALYS-6a	0		19
Ta-184(n,3npa)Yb-177m	TALYS-6a	0		18
Ta-184(n,n'pd)Lu-181	TALYS-6a	0	[8,7,8]	21
Ta-184(n,2n2p)Lu-181	TALYS-6a	0	[8,7,8]	19
Ta-184(n,4n2p)Lu-179	TALYS-6a	0	[8]	12
Ta-184(n,4n2a)Tm-173	TALYS-6a	0	[8]	15
Ta-184(n,4npa)Yb-176g	TALYS-6a	0		15
Ta-184(n,4npa)Yb-176m	TALYS-6a	0		14
W-178(n,2nd)Ta-175	TALYS-6a	0	[8]	25
W-178(n,2n)W-177	TALYS-6a	0		44
W-178(n,3n)W-176	TALYS-6a	0		31
W-178(n,n'a)Hf-174	TALYS-6a	0		100
W-178(n,n'3a)Er-166	TALYS-6a	0		100
W-178(n,2na)Hf-173	TALYS-6a	0	[8]	40
W-178(n,3na)Hf-172	TALYS-6a	0	[8]	29
W-178(n,n'p)Ta-177	TALYS-6a	0	[8]	50
W-178(n,n'2a)Yb-170	TALYS-6a	0		100
W-178(n,2n2a)Yb-169g	TALYS-6a	0		31
W-178(n,2n2a)Yb-169m	TALYS-6a	0		31
W-178(n,n'd)Ta-176	TALYS-6a	0	[8]	33
W-178(n,n't)Ta-175	TALYS-6a	0	[8]	31
W-178(n,n'h)Hf-175	TALYS-6a	0	[8]	30
W-178(n,n'd2a)Tm-168	TALYS-6a	0	[8]	17
W-178(n,n't2a)Tm-167	TALYS-6a	0	[8]	16
W-178(n,4n)W-175	TALYS-6a	0		21
W-178(n,2np)Ta-176	TALYS-6a	0	[8]	31
W-178(n,3np)Ta-175	TALYS-6a	0	[8]	24
W-178(n,n'2p)Hf-176	TALYS-6a	0	[8]	32
W-178(n,n'pa)Lu-173	TALYS-6a	0	[8]	38
W-178(n,g)W-179g	MASGAM	0	[14,13,4,6]	83
W-178(n,g)W-179m	MASGAM	0	[14,13,4,6]	83
W-178(n,p)Ta-178g	TALYS-6a	0	[4,2]	100
W-178(n,p)Ta-178m	TALYS-6a	0	[4,7,2]	100
W-178(n,d)Ta-177	TALYS-6a	0	[8]	57
W-178(n,t)Ta-176	TALYS-6a	0	[8]	45
W-178(n,h)Hf-176	TALYS-6a	0	[8]	44
W-178(n,a)Hf-175	TALYS-6a	0	[2]	100
W-178(n,2a)Yb-171	TALYS-6a	0	[10]	100
W-178(n,2p)Hf-177g	TALYS-6a	0	[4,8]	45
W-178(n,2p)Hf-177m	TALYS-6a	0	[4,7,8,8]	44
W-178(n,2p)Hf-177n	TALYS-6a	0	[4,7,8,8]	44
W-178(n,pa)Lu-174g	TALYS-6a	0		100
W-178(n,pa)Lu-174m	TALYS-6a	0		100
W-178(n,pd)Hf-176	TALYS-6a	0	[8]	34
W-178(n,pt)Hf-175	TALYS-6a	0	[8]	30
W-178(n,da)Lu-173	TALYS-6a	0	[8]	40
W-178(n,5n)W-174	TALYS-6a	0		15
W-178(n,6n)W-173	TALYS-6a	0		10
W-178(n,2nt)Ta-174	TALYS-6a	0	[8]	22
W-178(n,ta)Lu-172g	TALYS-6a	0		34
W-178(n,ta)Lu-172m	TALYS-6a	0		34
W-178(n,4np)Ta-174	TALYS-6a	0		16
W-178(n,3nd)Ta-174	TALYS-6a	0	[8]	17
W-178(n,n'da)Lu-172g	TALYS-6a	0		27
W-178(n,n'da)Lu-172m	TALYS-6a	0		27
W-178(n,2npa)Lu-172g	TALYS-6a	0		27
W-178(n,2npa)Lu-172m	TALYS-6a	0		26
W-178(n,5np)Ta-173	TALYS-6a	0	[8,7,8]	12
W-178(n,6np)Ta-172	TALYS-6a	0	[8]	7
+W-178(n,4na)Hf-171g	TALYS-6a	0		20
+W-178(n,4na)Hf-171m	TALYS-6a	0		20
W-178(n,5na)Hf-170	TALYS-6a	0	[8]	14
W-178(n,6na)Hf-169	TALYS-6a	0	[8]	10
W-178(n,4nd)Ta-173	TALYS-6a	0	[8,7,8]	13
W-178(n,5nd)Ta-172	TALYS-6a	0	[8]	8
W-178(n,3nt)Ta-173	TALYS-6a	0	[8,7,8]	16
W-178(n,4nt)Ta-172	TALYS-6a	0	[8]	11
W-178(n,5nt)Ta-171	TALYS-6a	0	[8]	7
W-178(n,2nh)Hf-174	TALYS-6a	0	[8]	23
W-178(n,3nh)Hf-173	TALYS-6a	0	[8]	16
W-178(n,4nh)Hf-172	TALYS-6a	0	[8]	12
W-178(n,3n2p)Hf-174	TALYS-6a	0	[8]	16
W-178(n,3n2a)Yb-168	TALYS-6a	0	[8]	23
W-178(n,3npa)Lu-171g	TALYS-6a	0		19
W-178(n,3npa)Lu-171m	TALYS-6a	0		19
W-178(n,n'pd)Hf-175	TALYS-6a	0	[8]	24
W-178(n,n'pt)Hf-174	TALYS-6a	0	[8]	23
W-178(n,n'dt)Hf-173	TALYS-6a	0	[8]	16
W-178(n,n'ph)Lu-174g	TALYS-6a	0		17
W-178(n,n'ph)Lu-174m	TALYS-6a	0		17
W-178(n,n'ta)Lu-171g	TALYS-6a	0		26
W-178(n,n'ta)Lu-171m	TALYS-6a	0		25
W-178(n,2n2p)Hf-175	TALYS-6a	0	[8]	23
W-178(n,4n2p)Hf-173	TALYS-6a	0	[8]	12
W-178(n,4n2a)Yb-167	TALYS-6a	0	[8]	15
W-178(n,4npa)Lu-170g	TALYS-6a	0		13
W-178(n,4npa)Lu-170m	TALYS-6a	0		13
W-178(n,5n2p)Hf-172	TALYS-6a	0	[8]	8
W-180(n,2nd)Ta-177	TALYS-6a	0	[8]	25
W-180(n,2n)W-179g	ADL-3	2	[13,3]	45
W-180(n,2n)W-179m	ADL-3	6	[13,3]	45
W-180(n,3n)W-178	ADL-3	5	[13]	31
W-180(n,n'a)Hf-176	TALYS-6a	0		100
W-180(n,2na)Hf-175	TALYS-6a	0	[8]	40
W-180(n,3na)Hf-174	TALYS-6a	0	[8]	29
W-180(n,n'p)Ta-179	TALYS-6a	0	[8]	47
W-180(n,n'2a)Yb-172	TALYS-6a	0		100
W-180(n,2n2a)Yb-171	TALYS-6a	0	[8]	30
W-180(n,n'd)Ta-178g	TALYS-6a	0	[4,8]	33
W-180(n,n'd)Ta-178m	TALYS-6a	0	[4,7,8,8]	32
W-180(n,n't)Ta-177	TALYS-6a	0	[8]	31
W-180(n,n'h)Hf-177g	TALYS-6a	0	[4,8]	29
W-180(n,n'h)Hf-177m	TALYS-6a	0	[4,7,8,8]	28
W-180(n,n'h)Hf-177n	TALYS-6a	0	[4,7,8,8]	28
W-180(n,n't2a)Tm-169	TALYS-6	0	[8]	16
W-180(n,4n)W-177	TALYS-6a	0		22
W-180(n,2np)Ta-178g	TALYS-6a	0	[4,8]	31
W-180(n,2np)Ta-178m	TALYS-6a	0	[4,7,8,8]	30
W-180(n,3np)Ta-177	TALYS-6a	0	[8]	24
W-180(n,n'2p)Hf-178g	TALYS-6a	0	[4]	30
W-180(n,n'2p)Hf-178m	TALYS-6a	0	[4,7,8]	27
W-180(n,n'2p)Hf-178n	TALYS-6a	0	[4,7,8]	29
W-180(n,n'pa)Lu-175	TALYS-6a	0	[8]	36
W-180(n,g)W-181	SIGECN-MASGAM	4	[13]	743
W-180(n,p)Ta-180g	TALYS-6a	0	[2]	100
W-180(n,p)Ta-180m	TALYS-5a	2		79
W-180(n,d)Ta-179	TALYS-6a	0	[8]	54
W-180(n,t)Ta-178g	TALYS-6a	0	[4,8]	44
W-180(n,t)Ta-178m	TALYS-6a	0	[4,7,8,8]	43
W-180(n,h)Hf-178g	TALYS-6a	0	[4]	41
W-180(n,h)Hf-178m	TALYS-6a	0	[4,7,8]	38
W-180(n,h)Hf-178n	TALYS-6a	0	[4,7,8]	40
W-180(n,a)Hf-177g	TALYS-6a	0	[9,4,2,3]	781
W-180(n,a)Hf-177m	TALYS-6a	0	[7,9,4,7,2,3]	781
W-180(n,a)Hf-177n	TALYS-6a	0	[7,9,4,7,2,3]	781
W-180(n,2p)Hf-179g	TALYS-6a	0	[4]	40
W-180(n,2p)Hf-179m	TALYS-6a	0	[4,7,8]	38
W-180(n,2p)Hf-179n	TALYS-6a	0	[4,7,8]	39
W-180(n,pa)Lu-176g	TALYS-6a	0		100
W-180(n,pa)Lu-176m	TALYS-6a	0		100
W-180(n,pd)Hf-178g	TALYS-6a	0	[4]	31
W-180(n,pd)Hf-178m	TALYS-6a	0	[4,7,8]	28
W-180(n,pd)Hf-178n	TALYS-6a	0	[4,7,8]	30
W-180(n,da)Lu-175	TALYS-6a	0	[8]	38
W-180(n,5n)W-176	TALYS-6a	0		16
W-180(n,6n)W-175	TALYS-6a	0		11
W-180(n,2nt)Ta-176	TALYS-6a	0	[8]	22
W-180(n,ta)Lu-174g	TALYS-6a	0		33
W-180(n,ta)Lu-174m	TALYS-6a	0		33
W-180(n,4np)Ta-176	TALYS-6a	0	[8]	16
W-180(n,3nd)Ta-176	TALYS-6a	0	[8]	17
W-180(n,n'da)Lu-174g	TALYS-6a	0		26
W-180(n,n'da)Lu-174m	TALYS-6a	0		26
W-180(n,2npa)Lu-174g	TALYS-6a	0		26
W-180(n,2npa)Lu-174m	TALYS-6a	0		25
W-180(n,7n)W-174	TALYS-6a	0		7
W-180(n,5np)Ta-175	TALYS-6a	0	[8]	12
W-180(n,6np)Ta-174	TALYS-6a	0	[8]	8
W-180(n,4na)Hf-173	TALYS-6a	0	[8]	20
W-180(n,5na)Hf-172	TALYS-6a	0	[8]	15
+W-180(n,6na)Hf-171g	TALYS-6a	0		10
+W-180(n,6na)Hf-171m	TALYS-6a	0		10
W-180(n,7na)Hf-170	TALYS-6a	0	[8]	6
W-180(n,4nd)Ta-175	TALYS-6a	0	[8]	13
W-180(n,5nd)Ta-174	TALYS-6a	0	[8]	9
W-180(n,3nt)Ta-175	TALYS-6a	0	[8]	16
W-180(n,4nt)Ta-174	TALYS-6a	0	[8]	12
W-180(n,5nt)Ta-173	TALYS-6a	0	[8,7,8]	8
W-180(n,2nh)Hf-176	TALYS-6a	0	[8]	23
W-180(n,3nh)Hf-175	TALYS-6a	0	[8]	15
W-180(n,4nh)Hf-174	TALYS-6a	0	[8]	12
W-180(n,3n2p)Hf-176	TALYS-6a	0	[8]	16
W-180(n,3n2a)Yb-170	TALYS-6a	0	[8]	23
W-180(n,3npa)Lu-173	TALYS-6a	0	[8]	19
W-180(n,n'pd)Hf-177g	TALYS-6a	0	[4,8]	23
W-180(n,n'pd)Hf-177m	TALYS-6a	0	[4,7,8,8]	22
W-180(n,n'pd)Hf-177n	TALYS-6a	0	[4,7,8,8]	22
W-180(n,n'pt)Hf-176	TALYS-6a	0	[8]	23
W-180(n,n'dt)Hf-175	TALYS-6a	0	[8]	15
W-180(n,n'ta)Lu-173	TALYS-6a	0	[8]	25
W-180(n,2n2p)Hf-177g	TALYS-6a	0	[4,8]	22
W-180(n,2n2p)Hf-177m	TALYS-6a	0	[4,7,8,8]	21
W-180(n,2n2p)Hf-177n	TALYS-6a	0	[4,7,8,8]	21
W-180(n,4n2p)Hf-175	TALYS-6a	0	[8]	12
W-180(n,4n2a)Yb-169g	TALYS-6a	0		15
W-180(n,4n2a)Yb-169m	TALYS-6a	0		15
W-180(n,4npa)Lu-172g	TALYS-6a	0		13
W-180(n,4npa)Lu-172m	TALYS-6a	0		13
W-180(n,5n2p)Hf-174	TALYS-6a	0	[8]	9
W-181(n,2nd)Ta-178g	TALYS-6a	0	[4,8]	26
W-181(n,2nd)Ta-178m	TALYS-6a	0	[4,7,8,8]	25
W-181(n,2n)W-180	TALYS-5a	1		52
W-181(n,3n)W-179g	TALYS-6a	0		31
W-181(n,3n)W-179m	TALYS-6a	0		31
W-181(n,n'a)Hf-177g	TALYS-6a	0	[4]	100
W-181(n,n'a)Hf-177m	TALYS-6a	0	[7,4,7]	100
W-181(n,n'a)Hf-177n	TALYS-6a	0	[4,7,8,10]	84
W-181(n,2na)Hf-176	TALYS-6a	0	[8]	43
W-181(n,3na)Hf-175	TALYS-6a	0	[8]	29
W-181(n,n'p)Ta-180g	TALYS-6a	0		46
W-181(n,n'p)Ta-180m	TALYS-6a	0		46
W-181(n,n'2a)Yb-173	TALYS-6a	0		100
W-181(n,2n2a)Yb-172	TALYS-6a	0	[8]	31
W-181(n,n'd)Ta-179	TALYS-6a	0	[8]	35
W-181(n,n't)Ta-178g	TALYS-6a	0	[4,8]	31
W-181(n,n't)Ta-178m	TALYS-6a	0	[4,7,8,8]	30
W-181(n,n'h)Hf-178g	TALYS-6a	0	[4]	30
W-181(n,n'h)Hf-178m	TALYS-6a	0	[4,7,8]	27
W-181(n,n'h)Hf-178n	TALYS-6a	0	[4,7,8]	29
W-181(n,4n)W-178	TALYS-6a	0		24
W-181(n,2np)Ta-179	TALYS-6a	0	[8]	32
W-181(n,3np)Ta-178g	TALYS-6a	0	[4,8]	24
W-181(n,3np)Ta-178m	TALYS-6a	0	[4,7,8,8]	23
W-181(n,n'2p)Hf-179g	TALYS-6a	0	[4]	29

W-181(n,n'2p)Hf-179m	TALYS-6a	0 [4,7,8]	27
W-181(n,n'2p)Hf-179n	TALYS-6a	0 [4,7,8]	28
W-181(n,pa)Lu-176g	TALYS-6a	0	35
W-181(n,pa)Lu-176m	TALYS-6a	0	34
W-181(n,g)W-182	MASGAM	0 [14,13]	83
W-181(n,p)Ta-181	TALYS-6a	0 [2]	100
W-181(n,d)Ta-180g	TALYS-6a	0	53
W-181(n,d)Ta-180m	TALYS-6a	0	53
W-181(n,t)Ta-179	TALYS-6a	0 [8]	49
W-181(n,h)Hf-179g	TALYS-6a	0 [4]	40
W-181(n,h)Hf-179m	TALYS-6a	0 [4,7,8]	38
W-181(n,h)Hf-179n	TALYS-6a	0 [4,7,8]	39
W-181(n,a)Hf-178g	TALYS-6a	0 [4,2]	100
W-181(n,a)Hf-178m	TALYS-6a	0 [4,7,2]	100
W-181(n,a)Hf-178n	TALYS-6a	0 [7,4,7,2]	100
W-181(n,2p)Hf-180g	TALYS-6a	0	41
W-181(n,2p)Hf-180m	TALYS-6a	0	39
W-181(n,pa)Lu-177g	TALYS-6a	0 [4]	100
W-181(n,pa)Lu-177m	TALYS-6a	0 [7,4,7]	100
+W-181(n,pa)Lu-177n	TALYS-6a	0 [7,4,7,8,10,10,10,977]	
W-181(n,pd)Hf-179g	TALYS-6a	0 [4]	30
W-181(n,pd)Hf-179m	TALYS-6a	0 [4,7,8]	28
W-181(n,pd)Hf-179n	TALYS-6a	0 [4,7,8]	29
W-181(n,5n)W-177	TALYS-6a	0	16
W-181(n,6n)W-176	TALYS-6a	0	12
W-181(n,2nt)Ta-177	TALYS-6a	0 [8]	24
W-181(n,4np)Ta-177	TALYS-6a	0 [8]	17
W-181(n,3nd)Ta-177	TALYS-6a	0 [8]	19
W-181(n,n'da)Lu-175	TALYS-6a	0 [8]	28
W-181(n,2npa)Lu-175	TALYS-6a	0 [8]	27
W-181(n,5np)Ta-176	TALYS-6a	0	13
W-181(n,6np)Ta-175	TALYS-6a	0 [8]	9
W-181(n,4na)Hf-174	TALYS-6a	0 [8]	22
W-181(n,5na)Hf-173	TALYS-6a	0 [8]	15
W-181(n,6na)Hf-172	TALYS-6a	0 [8]	11
W-181(n,4nd)Ta-176	TALYS-6a	0 [8]	13
W-181(n,5nd)Ta-175	TALYS-6a	0 [8]	10
W-181(n,3nt)Ta-176	TALYS-6a	0 [8]	16
W-181(n,4nt)Ta-175	TALYS-6a	0 [8]	12
W-181(n,2nh)Hf-177g	TALYS-6a	0 [4,8]	23
W-181(n,2nh)Hf-177m	TALYS-6a	0 [4,7,8,8]	22
W-181(n,2nh)Hf-177n	TALYS-6a	0 [4,7,8,8]	22
W-181(n,3nh)Hf-176	TALYS-6a	0 [8]	16
W-181(n,4nh)Hf-175	TALYS-6a	0 [8]	12
W-181(n,3n2p)Hf-177g	TALYS-6a	0 [4,8]	16
W-181(n,3n2p)Hf-177m	TALYS-6a	0 [4,7,8,8]	15
W-181(n,3n2p)Hf-177n	TALYS-6a	0 [4,7,8,8]	15
W-181(n,3n2a)Yb-171	TALYS-6a	0 [8]	22
W-181(n,3npa)Lu-174g	TALYS-6a	0	19
W-181(n,3npa)Lu-174m	TALYS-6a	0	18
W-181(n,n'pd)Hf-178g	TALYS-6a	0 [4]	24
W-181(n,n'pd)Hf-178m	TALYS-6a	0 [4,7,8]	22
W-181(n,n'pd)Hf-178n	TALYS-6a	0 [4,7,8]	23
W-181(n,n'pt)Hf-177g	TALYS-6a	0 [4,8]	22
W-181(n,n'pt)Hf-177m	TALYS-6a	0 [4,7,8,8]	21
W-181(n,n'pt)Hf-177n	TALYS-6a	0 [4,7,8,8]	21
W-181(n,n'dt)Hf-176	TALYS-6a	0 [8]	16
W-181(n,n'ta)Lu-174g	TALYS-6a	0	25
W-181(n,n'ta)Lu-174m	TALYS-6a	0	25
W-181(n,2n2p)Hf-178g	TALYS-6a	0 [4]	23
W-181(n,2n2p)Hf-178m	TALYS-6a	0 [4,7,8]	21
W-181(n,2n2p)Hf-178n	TALYS-6a	0 [4,7,8]	22
W-181(n,4n2p)Hf-176	TALYS-6a	0 [8]	13
W-181(n,4n2a)Yb-170	TALYS-6a	0 [8]	16
W-181(n,4npa)Lu-173	TALYS-6a	0 [8]	14
W-181(n,5n2p)Hf-175	TALYS-6a	0 [8]	9
W-182(n,2nd)Ta-179	TALYS-6a	0 [8]	25
W-182(n,2n)W-181	ENDF/B-VI	6 [13]	48
W-182(n,3n)W-180	TALYS-6a	0	32
W-182(n,n'a)Hf-178g	TALYS-6a	0 [4]	100
W-182(n,n'a)Hf-178m	TALYS-6a	0 [4,7]	100
W-182(n,n'a)Hf-178n	ADL-3/I	2 [13,8,7,8,3]	58
W-182(n,2na)Hf-177g	TALYS-6a	0 [4,8]	40
W-182(n,2na)Hf-177m	TALYS-6a	0 [4,7,8,8]	39
W-182(n,2na)Hf-177n	TALYS-6a	0 [4,7,8,8]	39
W-182(n,3na)Hf-176	TALYS-6a	0 [8]	29
W-182(n,n'p)Ta-181	TALYS-6a	0 [8]	45
W-182(n,n'2a)Yb-174	TALYS-6a	0	100
W-182(n,2n2a)Yb-173	TALYS-6a	0 [8]	29
W-182(n,n'd)Ta-180g	TALYS-6a	0	32
W-182(n,n'd)Ta-180m	TALYS-6a	0	32
W-182(n,n't)Ta-179	TALYS-6a	0 [8]	31
W-182(n,n'h)Hf-179g	TALYS-6a	0 [4]	28
W-182(n,n'h)Hf-179m	TALYS-6a	0 [4,7,8]	26
W-182(n,n'h)Hf-179n	TALYS-6a	0 [4,7,8]	27
W-182(n,4n)W-179g	TALYS-6a	0	23
W-182(n,4n)W-179m	TALYS-6a	0	23
W-182(n,2np)Ta-180g	TALYS-6a	0	31
W-182(n,2np)Ta-180m	TALYS-6a	0	30
W-182(n,3np)Ta-179	TALYS-6a	0 [8]	24
W-182(n,n'2p)Hf-180g	TALYS-6a	0 [4,8]	28
W-182(n,n'2p)Hf-180m	TALYS-6a	0 [4,7,8,8]	27
W-182(n,n'pa)Lu-177g	TALYS-6a	0 [4,8]	32
W-182(n,n'pa)Lu-177m	TALYS-6a	0 [4,7,8,8]	31
+W-182(n,n'pa)Lu-177n	TALYS-6a	0 [4,7,8,8]	31
W-182(n,g)W-183g	JEF-2.2	4 [14,13,4,6]	
14869			
W-182(n,g)W-183m	JEF-2.2	0 [14,7,13,4,6]	
14869			
W-182(n,p)Ta-182g	JEF-2.2	2 [13,4,3]	66
W-182(n,p)Ta-182m	JEF-2.2	4 [13,4,7,8]	66
W-182(n,p)Ta-182n	JEF-2.2	4 [13,4,7,8,3]	66
W-182(n,d)Ta-181	TALYS-6a	0 [8]	51
W-182(n,t)Ta-180g	TALYS-6a	0	44
W-182(n,t)Ta-180m	TALYS-6a	0	44
W-182(n,h)Hf-180g	TALYS-6a	0 [4,8]	39
W-182(n,h)Hf-180m	TALYS-6a	0 [4,7,8,8]	38
W-182(n,a)Hf-179g	TALYS-5	2 [9,4,3,3]	
14774			

W-182(n,a)Hf-179m	TALYS-5	2 [9,4,7,3,3]	
14774			
W-182(n,a)Hf-179n	JEF-2.2	6 [7,9,13,4,7,3,3]	
14890			
W-182(n,2p)Hf-181	TALYS-6a	0 [8]	36
W-182(n,pd)Hf-180g	TALYS-6a	0 [4,8]	29
W-182(n,pd)Hf-180m	TALYS-6a	0 [4,7,8,8]	28
W-182(n,da)Lu-177g	TALYS-6a	0 [4,8]	34
W-182(n,da)Lu-177m	TALYS-6a	0 [4,7,8,8]	33
+W-182(n,da)Lu-177n	TALYS-6a	0 [4,7,8,8]	33
W-182(n,5n)W-178	TALYS-6a	0	16
W-182(n,6n)W-177	TALYS-6a	0	12
W-182(n,2nt)Ta-178g	TALYS-6a	0 [4,8]	22
W-182(n,2nt)Ta-178m	TALYS-6a	0 [4,7,8,8]	21
W-182(n,4np)Ta-178g	TALYS-6a	0 [4,8]	16
W-182(n,4np)Ta-178m	TALYS-6a	0 [4,7,8,8]	15
W-182(n,3nd)Ta-178g	TALYS-6a	0 [4,8]	17
W-182(n,3nd)Ta-178m	TALYS-6a	0 [4,7,8,8]	16
W-182(n,n'da)Lu-176g	TALYS-6a	0	25
W-182(n,n'da)Lu-176m	TALYS-6a	0	25
W-182(n,2npa)Lu-176g	TALYS-6a	0	24
W-182(n,2npa)Lu-176m	TALYS-6a	0	24
W-182(n,7n)W-176	TALYS-6a	0	8
W-182(n,5np)Ta-177	TALYS-6a	0	13
W-182(n,6np)Ta-176	TALYS-6a	0	9
W-182(n,4na)Hf-175	TALYS-6a	0 [8]	21
W-182(n,5na)Hf-174	TALYS-6a	0 [8]	15
W-182(n,6na)Hf-173	TALYS-6a	0 [8]	11
W-182(n,7na)Hf-172	TALYS-6a	0 [8]	7
W-182(n,4nd)Ta-177	TALYS-6a	0 [8]	13
W-182(n,5nd)Ta-176	TALYS-6a	0 [8]	9
W-182(n,6nd)Ta-175	TALYS-6a	0 [8]	6
W-182(n,3nt)Ta-177	TALYS-6a	0 [8]	16
W-182(n,4nt)Ta-176	TALYS-6a	0 [8]	12
W-182(n,5nt)Ta-175	TALYS-6a	0 [8]	8
W-182(n,2nh)Hf-178g	TALYS-6a	0 [4]	22
W-182(n,2nh)Hf-178m	TALYS-6a	0 [4,7,8]	20
W-182(n,2nh)Hf-178n	TALYS-6a	0 [4,7,8]	21
W-182(n,3nh)Hf-177g	TALYS-6a	0 [4,8]	16
W-182(n,3nh)Hf-177m	TALYS-6a	0 [4,7,8,8]	15
W-182(n,3nh)Hf-177n	TALYS-6a	0 [4,7,8,8]	15
W-182(n,4nh)Hf-176	TALYS-6a	0 [8]	12
W-182(n,3n2p)Hf-178g	TALYS-6a	0 [4]	15
W-182(n,3n2p)Hf-178m	TALYS-6a	0 [4,7,8]	14
W-182(n,3n2p)Hf-178n	TALYS-6a	0 [4,7,8]	14
W-182(n,3n2a)Yb-172	TALYS-6a	0 [8]	22
W-182(n,3npa)Lu-175	TALYS-6a	0 [8]	18
W-182(n,n'pd)Hf-179g	TALYS-6a	0 [4]	22
W-182(n,n'pd)Hf-179m	TALYS-6a	0 [4,7,8]	20
W-182(n,n'pd)Hf-179n	TALYS-6a	0 [4,7,8]	21
W-182(n,n'pt)Hf-178g	TALYS-6a	0 [4]	22
W-182(n,n'pt)Hf-178m	TALYS-6a	0 [4,7,8]	19
W-182(n,n'pt)Hf-178n	TALYS-6a	0 [4,7,8]	21
W-182(n,n'ta)Lu-175	TALYS-6a	0 [8]	25
W-182(n,2n2p)Hf-179g	TALYS-6a	0 [4]	20
W-182(n,2n2p)Hf-179m	TALYS-6a	0 [4,7,8]	19
W-182(n,2n2p)Hf-179n	TALYS-6a	0 [4,7,8]	19
W-182(n,4n2p)Hf-177g	TALYS-6a	0 [4,8]	12
W-182(n,4n2p)Hf-177m	TALYS-6a	0 [4,7,8,8]	11
W-182(n,4n2p)Hf-177n	TALYS-6a	0 [4,7,8,8]	11
W-182(n,4n2a)Yb-171	TALYS-6a	0 [8]	15
W-182(n,4npa)Lu-174g	TALYS-6a	0	13
W-182(n,4npa)Lu-174m	TALYS-6a	0	13
W-182(n,5n2p)Hf-176	TALYS-6a	0 [8]	8
W-183(n,n')W-183m	TALYS-6	1	87
W-183(n,2nd)Ta-180g	TALYS-6a	0	26
W-183(n,2nd)Ta-180m	TALYS-6a	0	26
W-183(n,2n)W-182	TALYS-5a	4	54
W-183(n,3n)W-181	TALYS-6a	0	33
W-183(n,n'a)Hf-179g	TALYS-6a	0 [4]	100
W-183(n,n'a)Hf-179m	TALYS-6a	0 [4,7]	100
W-183(n,n'a)Hf-179n	TALYS-6a	0 [7,4,7]	100
W-183(n,2na)Hf-178g	TALYS-6a	0 [4]	43
W-183(n,2na)Hf-178m	TALYS-6a	0 [4,7,8]	40
W-183(n,2na)Hf-178n	TALYS-6a	0 [4,7,8]	42
W-183(n,3na)Hf-177g	TALYS-6a	0 [4,8]	29
W-183(n,3na)Hf-177m	TALYS-6a	0 [4,7,8,8]	28
W-183(n,3na)Hf-177n	TALYS-6a	0 [4,7,8,8]	28
W-183(n,n'p)Ta-182g	TALYS-6a	0 [4]	44
W-183(n,n'p)Ta-182m	TALYS-6a	0 [4,7,8]	43
W-183(n,n'p)Ta-182n	TALYS-6a	0 [4,7,8]	43
W-183(n,n'2a)Yb-175	TALYS-6a	0	100
W-183(n,2n2a)Yb-174	TALYS-6a	0 [8]	30
W-183(n,n'd)Ta-181	TALYS-6a	0 [8]	35
W-183(n,n't)Ta-180g	TALYS-6a	0	32
W-183(n,n't)Ta-180m	TALYS-6a	0	32
W-183(n,n'h)Hf-180g	TALYS-6a	0	29
W-183(n,n'h)Hf-180m	TALYS-6a	0	28
W-183(n,4n)W-180	TALYS-6a	0	25
W-183(n,2np)Ta-181	TALYS-6a	0 [8]	32
W-183(n,3np)Ta-180g	TALYS-6a	0	24
W-183(n,3np)Ta-180m	TALYS-6a	0	24
W-183(n,n'2p)Hf-181	TALYS-6a	0 [8]	27
W-183(n,n'pa)Lu-178g	TALYS-6a	0	31
W-183(n,n'pa)Lu-178m	TALYS-6a	0	31
>W-183(n,g)W-184	JEF-2.2	4 [14,13,3]	
10045			
W-183(n,p)Ta-183	ADL-3	5 [13,3,16]	44
W-183(n,d)Ta-182g	TALYS-6a	0 [4]	50
W-183(n,d)Ta-182m	TALYS-6a	0 [4,7,8]	49
W-183(n,d)Ta-182n	TALYS-6a	0 [4,7,8]	49
W-183(n,t)Ta-181	TALYS-6a	0 [8]	49
W-183(n,h)Hf-181	TALYS-6a	0 [8]	38
W-183(n,a)Hf-180g	TALYS-6a	0 [9,2,10,3]	
10044			
W-183(n,a)Hf-180m	TALYS-5	6 [9,3,10,3]	
10044			
W-183(n,2p)Hf-182g	TALYS-6a	0	36
W-183(n,2p)Hf-182m	TALYS-6a	0	33

Reaction	Library	Flag	Refs	Value
W-183(n,pd)Hf-181	TALYS-6a	0	[8]	28
W-183(n,5n)W-179g	TALYS-6a	0		17
W-183(n,5n)W-179m	TALYS-6a	0		17
W-183(n,6n)W-178	TALYS-6a	0		13
W-183(n,2nt)Ta-179	TALYS-6a	0	[8]	25
W-183(n,4np)Ta-179	TALYS-6a	0	[8]	18
W-183(n,3nd)Ta-179	TALYS-6a	0	[8]	19
W-183(n,n'da)Lu-177g	TALYS-6a	0	[4,8]	27
W-183(n,n'da)Lu-177m	TALYS-6a	0	[4,7,8,8]	26
+W-183(n,n'da)Lu-177n	TALYS-6a	0	[4,7,8,8]	26
W-183(n,2npa)Lu-177g	TALYS-6a	0	[4,8]	25
W-183(n,2npa)Lu-177m	TALYS-6a	0	[4,7,8,8]	24
+W-183(n,2npa)Lu-177n	TALYS-6a	0	[4,7,8,8]	24
W-183(n,7n)W-177	TALYS-6a	0		9
W-183(n,5np)Ta-178g	TALYS-6a	0	[4,8]	13
W-183(n,5np)Ta-178m	TALYS-6a	0	[4,7,8,8]	12
W-183(n,6np)Ta-177	TALYS-6a	0		10
W-183(n,7np)Ta-176	TALYS-6a	0	[8]	5
W-183(n,4na)Hf-176	TALYS-6a	0	[8]	23
W-183(n,5na)Hf-175	TALYS-6a	0	[8]	16
W-183(n,6na)Hf-174	TALYS-6a	0	[8]	12
W-183(n,7na)Hf-173	TALYS-6a	0	[8]	8
W-183(n,4nd)Ta-178g	TALYS-6a	0	[4,8]	14
W-183(n,4nd)Ta-178m	TALYS-6a	0	[4,7,8,8]	13
W-183(n,5nd)Ta-177	TALYS-6a	0	[8]	10
W-183(n,6nd)Ta-176	TALYS-6a	0	[8]	6
W-183(n,3nt)Ta-178g	TALYS-6a	0	[4,8]	16
W-183(n,3nt)Ta-178m	TALYS-6a	0	[4,7,8,8]	15
W-183(n,4nt)Ta-177	TALYS-6a	0	[8]	13
W-183(n,5nt)Ta-176	TALYS-6a	0	[8]	9
W-183(n,2nh)Hf-179g	TALYS-6a	0	[4]	22
W-183(n,2nh)Hf-179m	TALYS-6a	0	[4,7,8]	20
W-183(n,2nh)Hf-179n	TALYS-6a	0	[4,7,8]	21
W-183(n,3nh)Hf-178g	TALYS-6a	0	[4]	16
W-183(n,3nh)Hf-178m	TALYS-6a	0	[4,7,8]	15
W-183(n,3nh)Hf-178n	TALYS-6a	0	[4,7,8]	15
W-183(n,4nh)Hf-177g	TALYS-6a	0	[4,8]	13
W-183(n,4nh)Hf-177m	TALYS-6a	0	[4,7,8,8]	12
W-183(n,4nh)Hf-177n	TALYS-6a	0	[4,7,8,8]	12
W-183(n,3n2p)Hf-179g	TALYS-6a	0	[4]	15
W-183(n,3n2p)Hf-179m	TALYS-6a	0	[4,7,8]	14
W-183(n,3n2p)Hf-179n	TALYS-6a	0	[4,7,8]	14
W-183(n,3n2a)Yb-173	TALYS-6a	0	[8]	22
W-183(n,3npa)Lu-176g	TALYS-6a	0		18
W-183(n,3npa)Lu-176m	TALYS-6a	0		18
W-183(n,n'pd)Hf-180g	TALYS-6a	0		23
W-183(n,n'pd)Hf-180m	TALYS-6a	0		21
W-183(n,n'pt)Hf-179g	TALYS-6a	0	[4]	21
W-183(n,n'pt)Hf-179m	TALYS-6a	0	[4,7,8]	20
W-183(n,n'pt)Hf-179n	TALYS-6a	0	[4,7,8]	20
W-183(n,n'ta)Lu-176g	TALYS-6a	0		25
W-183(n,n'ta)Lu-176m	TALYS-6a	0		24
W-183(n,2n2p)Hf-180g	TALYS-6a	0		21
W-183(n,2n2p)Hf-180m	TALYS-6a	0		20
W-183(n,4n2p)Hf-178g	TALYS-6a	0	[4]	12
W-183(n,4n2p)Hf-178m	TALYS-6a	0	[4,7,8]	11
W-183(n,4n2p)Hf-178n	TALYS-6a	0	[4,7,8]	11
W-183(n,4n2a)Yb-172	TALYS-6a	0	[8]	16
W-183(n,4npa)Lu-175	TALYS-6a	0	[8]	14
W-183(n,5n2p)Hf-177g	TALYS-6a	0	[4,8]	9
W-183(n,5n2p)Hf-177m	TALYS-6a	0	[4,7,8,8]	8
W-183(n,5n2p)Hf-177n	TALYS-6a	0	[4,7,8,8]	8
W-184(n,2nd)Ta-181	TALYS-6a	0	[8]	26
W-184(n,2n)W-183g	TALYS-6a	0	[3]	48
W-184(n,2n)W-183m	ADL-3	2	[13,3,7,8]	45
W-184(n,3n)W-182	ENDF/B-VI	2	[13]	39
W-184(n,n'a)Hf-180g	TALYS-6a	0		100
W-184(n,n'a)Hf-180m	TALYS-6a	0		100
W-184(n,2na)Hf-179g	TALYS-6a	0	[4]	40
W-184(n,2na)Hf-179m	TALYS-6a	0	[4,7,8]	38
W-184(n,2na)Hf-179n	TALYS-6a	0	[4,7,8]	39
W-184(n,3na)Hf-178g	TALYS-6a	0	[4]	30
W-184(n,3na)Hf-178m	TALYS-6a	0	[4,7,8]	27
W-184(n,3na)Hf-178n	TALYS-6a	0	[4,7,8]	29
W-184(n,n'p)Ta-183	TALYS-6a	5	[8]	43
W-184(n,2n2a)Yb-175	TALYS-6a	0	[8]	28
W-184(n,n'd)Ta-182g	TALYS-6a	0	[4]	32
W-184(n,n'd)Ta-182m	TALYS-6a	0	[4,7,8]	31
W-184(n,n'd)Ta-182n	TALYS-6a	0	[4,7,8]	31
W-184(n,n't)Ta-181	TALYS-6a	0	[8]	32
W-184(n,n'h)Hf-181	TALYS-6a	0	[8]	27
W-184(n,4n)W-181	TALYS-6a	0		25
W-184(n,2np)Ta-182g	TALYS-6a	0	[4]	31
W-184(n,2np)Ta-182m	TALYS-6a	0	[4,7,8]	30
W-184(n,2np)Ta-182n	TALYS-6a	0	[4,7,8]	30
W-184(n,3np)Ta-181	TALYS-6a	0	[8]	24
W-184(n,n'2p)Hf-182g	TALYS-6a	0	[4,8]	26
W-184(n,n'2p)Hf-182m	TALYS-6a	0	[4,7,8,8]	25
W-184(n,n'pa)Lu-179	TALYS-6a	0	[8]	31
>W-184(n,g)W-185g	LANL	4	[14,13]	1075
>W-184(n,g)W-185m	LANL	2	[14,13]	1075
W-184(n,p)Ta-184	ADL-3	6	[13,3]	44
W-184(n,d)Ta-183	TALYS-6a	0	[8]	48
W-184(n,t)Ta-182g	TALYS-6a	0	[4]	44
W-184(n,t)Ta-182m	TALYS-6a	0	[4,7,8]	43
W-184(n,t)Ta-182n	TALYS-6a	0	[4,7,8]	43
W-184(n,h)Hf-182g	TALYS-6a	0	[4,8]	36
W-184(n,h)Hf-182m	TALYS-6a	0	[4,7,8,8]	35
W-184(n,a)Hf-181	TALYS-5	6	[9,3,3]	1072
W-184(n,2a)Yb-177g	TALYS-6a	0		100
W-184(n,2a)Yb-177m	TALYS-6a	0		100
W-184(n,2p)Hf-183	TALYS-6a	0	[8]	32
W-184(n,pd)Hf-182g	TALYS-6a	0	[4,8]	27
W-184(n,pd)Hf-182m	TALYS-6a	0	[4,7,8,8]	26
W-184(n,5n)W-180	TALYS-6a	0		18
W-184(n,6n)W-179g	TALYS-6a	0		13
W-184(n,6n)W-179m	TALYS-6a	0		13
W-184(n,2nt)Ta-180g	TALYS-6a	0		24
W-184(n,2nt)Ta-180m	TALYS-6a	0		24
W-184(n,4np)Ta-180g	TALYS-6a	0		17
W-184(n,4np)Ta-180m	TALYS-6a	0		17
W-184(n,3nd)Ta-180g	TALYS-6a	0		18
W-184(n,3nd)Ta-180m	TALYS-6a	0		18
W-184(n,n'da)Lu-178g	TALYS-6a	0		25
W-184(n,n'da)Lu-178m	TALYS-6a	0		24
W-184(n,2npa)Lu-178g	TALYS-6a	0		23
W-184(n,2npa)Lu-178m	TALYS-6a	0		23
W-184(n,7n)W-178	TALYS-6a	0		10
W-184(n,8n)W-177	TALYS-6a	0		5
W-184(n,5np)Ta-179	TALYS-6a	0	[8]	13
W-184(n,6np)Ta-178g	TALYS-6a	0	[4,8]	9
W-184(n,6np)Ta-178m	TALYS-6a	0	[4,7,8,8]	8
W-184(n,7np)Ta-177	TALYS-6a	0	[8]	6
W-184(n,4na)Hf-177g	TALYS-6a	0	[4,8]	22
W-184(n,4na)Hf-177m	TALYS-6a	0	[4,7,8,8]	21
W-184(n,4na)Hf-177n	TALYS-6a	0	[4,7,8,8]	21
W-184(n,5na)Hf-176	TALYS-6a	0	[8]	16
W-184(n,6na)Hf-175	TALYS-6a	0	[8]	12
W-184(n,7na)Hf-174	TALYS-6a	0	[8]	8
W-184(n,4nd)Ta-179	TALYS-6a	0	[8]	14
W-184(n,5nd)Ta-178g	TALYS-6a	0	[4,8]	10
W-184(n,5nd)Ta-178m	TALYS-6a	0	[4,7,8,8]	9
W-184(n,6nd)Ta-177	TALYS-6a	0	[8]	7
W-184(n,3nt)Ta-179	TALYS-6a	0	[8]	17
W-184(n,4nt)Ta-178g	TALYS-6a	0	[4,8]	12
W-184(n,4nt)Ta-178m	TALYS-6a	0	[4,7,8,8]	11
W-184(n,5nt)Ta-177	TALYS-6a	0	[8]	9
W-184(n,6nt)Ta-176	TALYS-6a	0	[8]	5
W-184(n,2nh)Hf-180g	TALYS-6a	0		22
W-184(n,2nh)Hf-180m	TALYS-6a	0		21
W-184(n,3nh)Hf-179g	TALYS-6a	0	[4]	16
W-184(n,3nh)Hf-179m	TALYS-6a	0	[4,7,8]	14
W-184(n,3nh)Hf-179n	TALYS-6a	0	[4,7,8]	15
W-184(n,4nh)Hf-178g	TALYS-6a	0	[4]	12
W-184(n,4nh)Hf-178m	TALYS-6a	0	[4,7,8]	11
W-184(n,4nh)Hf-178n	TALYS-6a	0	[4,7,8]	11
W-184(n,3n2p)Hf-180g	TALYS-6a	0		15
W-184(n,3n2p)Hf-180m	TALYS-6a	0		15
W-184(n,3n2a)Yb-174	TALYS-6a	0	[8]	21
W-184(n,3npa)Lu-177g	TALYS-6a	0	[4,8]	17
W-184(n,3npa)Lu-177m	TALYS-6a	0	[4,7,8,8]	16
+W-184(n,3npa)Lu-177n	TALYS-6a	0	[4,7,8,8]	16
W-184(n,n'pd)Hf-181	TALYS-6a	0	[8]	21
W-184(n,n'ta)Lu-177g	TALYS-6a	0	[4,8]	25
W-184(n,n'ta)Lu-177m	TALYS-6a	0	[4,7,8,8]	24
+W-184(n,n'ta)Lu-177n	TALYS-6a	0	[4,7,8,8]	24
W-184(n,2n2p)Hf-181	TALYS-6a	0	[8]	20
W-184(n,4n2p)Hf-179g	TALYS-6a	0	[4]	11
W-184(n,4n2p)Hf-179m	TALYS-6a	0	[4,7,8]	10
W-184(n,4n2p)Hf-179n	TALYS-6a	0	[4,7,8]	10
W-184(n,4n2a)Yb-173	TALYS-6a	0	[8]	15
W-184(n,4npa)Lu-176g	TALYS-6a	0		13
W-184(n,4npa)Lu-176m	TALYS-6a	0		13
W-185(n,n')W-185m	TALYS-6a	0		89
W-185(n,2nd)Ta-182g	TALYS-6a	0	[4]	26
W-185(n,2nd)Ta-182m	TALYS-6a	0	[4,7,8]	25
W-185(n,2nd)Ta-182n	TALYS-6a	0	[4,7,8]	25
W-185(n,2n)W-184	TALYS-6a	0		57
W-185(n,3n)W-183g	TALYS-6a	0		35
W-185(n,3n)W-183m	TALYS-6a	0		34
W-185(n,n'a)Hf-181	TALYS-6a	0		100
W-185(n,2na)Hf-180g	TALYS-6a	0		43
W-185(n,2na)Hf-180m	TALYS-6a	0		41
W-185(n,3na)Hf-179g	TALYS-6a	0	[4]	30
W-185(n,3na)Hf-179m	TALYS-6a	0	[4,7,8]	28
W-185(n,3na)Hf-179n	TALYS-6a	0	[4,7,8]	29
W-185(n,n'p)Ta-184	TALYS-6a	0	[8]	43
W-185(n,n'2a)Yb-177g	TALYS-6a	0		100
W-185(n,n'2a)Yb-177m	TALYS-6a	0		100
W-185(n,2n2a)Yb-176g	TALYS-6a	0		29
W-185(n,2n2a)Yb-176m	TALYS-6a	0		28
W-185(n,n'd)Ta-183	TALYS-6a	0	[8]	34
W-185(n,n't)Ta-182g	TALYS-6a	0	[4]	32
W-185(n,n't)Ta-182m	TALYS-6a	0	[4,7,8]	31
W-185(n,n't)Ta-182n	TALYS-6a	0	[4,7,8]	31
W-185(n,n'h)Hf-182g	TALYS-6a	0		28
W-185(n,n'h)Hf-182m	TALYS-6a	0		27
W-185(n,4n)W-182	TALYS-6a	0		27
W-185(n,2np)Ta-183	TALYS-6a	0	[8]	32
W-185(n,3np)Ta-182g	TALYS-6a	0	[4]	25
W-185(n,3np)Ta-182m	TALYS-6a	0	[4,7,8]	24
W-185(n,3np)Ta-182n	TALYS-6a	0	[4,7,8]	24
W-185(n,n'2p)Hf-183	TALYS-6a	0	[8]	26
+W-185(n,n'pa)Lu-180g	TALYS-6a	0	[4,8]	30
+W-185(n,n'pa)Lu-180m	TALYS-6a	0	[4,7,8,8]	29
W-185(n,g)W-186	MASGAM	2	[13,12]	118
W-185(n,p)Ta-185	TALYS-6a	0	[2,8]	74
W-185(n,d)Ta-184	TALYS-6a	0	[8]	47
W-185(n,t)Ta-183	TALYS-6a	0	[8]	48
W-185(n,h)Hf-183	TALYS-6a	0	[8]	35
W-185(n,a)Hf-182g	TALYS-6a	0	[2]	100
W-185(n,a)Hf-182m	TALYS-6a	0	[2]	100
+W-185(n,2p)Hf-184g	TALYS-6a	0	[4,8]	32
+W-185(n,2p)Hf-184m	TALYS-6a	0	[4,7,8,8]	31
W-185(n,pd)Hf-183	TALYS-6a	0	[8]	27
W-185(n,5n)W-181	TALYS-6a	0		19
W-185(n,6n)W-180	TALYS-6a	0		14
W-185(n,2nt)Ta-181	TALYS-6a	0	[8]	26
W-185(n,4np)Ta-181	TALYS-6a	0	[8]	19
W-185(n,3nd)Ta-181	TALYS-6a	0	[8]	20
W-185(n,n'da)Lu-179	TALYS-6a	0	[8]	26
W-185(n,2npa)Lu-179	TALYS-6a	0	[8]	25
W-185(n,7n)W-179g	TALYS-6a	0		10
W-185(n,7n)W-179m	TALYS-6a	0		10
W-185(n,8n)W-178	TALYS-6a	0		7
W-185(n,5np)Ta-180g	TALYS-6a	0		14
W-185(n,5np)Ta-180m	TALYS-6a	0		14
W-185(n,6np)Ta-179	TALYS-6a	0	[8]	10

Reaction	Library	Value	Refs	Value
W-185(n,7np)Ta-178g	TALYS-6a	0	[4]	7
W-185(n,7np)Ta-178m	TALYS-6a	0	[4,7,8]	6
W-185(n,4na)Hf-178g	TALYS-6a	0	[4]	24
W-185(n,4na)Hf-178m	TALYS-6a	0	[4,7,8]	22
W-185(n,4na)Hf-178n	TALYS-6a	0	[4,7,8]	23
W-185(n,5na)Hf-177g	TALYS-6a	0	[4,8]	16
W-185(n,5na)Hf-177m	TALYS-6a	0	[4,7,8,8]	15
W-185(n,5na)Hf-177n	TALYS-6a	0	[4,7,8,8]	15
W-185(n,6na)Hf-176	TALYS-6a	0	[8]	13
W-185(n,7na)Hf-175	TALYS-6a	0	[8]	9
W-185(n,4nd)Ta-180g	TALYS-6a	0		14
W-185(n,4nd)Ta-180m	TALYS-6a	0		14
W-185(n,5nd)Ta-179	TALYS-6a	0	[8]	11
W-185(n,6nd)Ta-178g	TALYS-6a	0	[4,8]	7
W-185(n,6nd)Ta-178m	TALYS-6a	0	[4,7,8,8]	6
W-185(n,3nt)Ta-180g	TALYS-6a	0		18
W-185(n,3nt)Ta-180m	TALYS-6a	0		18
W-185(n,4nt)Ta-179	TALYS-6a	0	[8]	14
W-185(n,5nt)Ta-178g	TALYS-6a	0	[4,8]	9
W-185(n,5nt)Ta-178m	TALYS-6a	0	[4,7,8,8]	8
W-185(n,6nt)Ta-177	TALYS-6a	0	[8]	6
W-185(n,2nh)Hf-181	TALYS-6a	0	[8]	22
W-185(n,3nh)Hf-180g	TALYS-6a	0		16
W-185(n,3nh)Hf-180m	TALYS-6a	0		16
W-185(n,4nh)Hf-179g	TALYS-6a	0	[4]	13
W-185(n,4nh)Hf-179m	TALYS-6a	0	[4,7,8]	11
W-185(n,4nh)Hf-179n	TALYS-6a	0	[4,7,8]	12
W-185(n,3n2p)Hf-181	TALYS-6a	0	[8]	15
W-185(n,3n2a)Yb-175	TALYS-6a	0	[8]	22
W-185(n,3npa)Lu-178g	TALYS-6a	0		17
W-185(n,3npa)Lu-178m	TALYS-6a	0		17
W-185(n,n'pd)Hf-182g	TALYS-6a	0		22
W-185(n,n'pd)Hf-182m	TALYS-6a	0		20
W-185(n,2n2p)Hf-182g	TALYS-6a	0		20
W-185(n,2n2p)Hf-182m	TALYS-6a	0		19
W-185(n,4n2p)Hf-180g	TALYS-6a	0		12
W-185(n,4n2p)Hf-180m	TALYS-6a	0		12
W-185(n,4n2a)Yb-174	TALYS-6a	0	[8]	16
W-185(n,4npa)Lu-177g	TALYS-6a	0	[4,8]	14
W-185(n,4npa)Lu-177m	TALYS-6a	0	[4,7,8,8]	13
+W-185(n,4npa)Lu-177n	TALYS-6a	0	[4,7,8,8]	13
W-185(n,5n2p)Hf-179g	TALYS-6a	0	[4]	9
W-185(n,5n2p)Hf-179m	TALYS-6a	0	[4,7,8]	7
W-185(n,5n2p)Hf-179n	TALYS-6a	0	[4,7,8]	8
W-186(n,2nd)Ta-183	TALYS-6a	0	[8]	26
W-186(n,2n)W-185g	JENDL-3.2/A	6	[13,3]	39
W-186(n,2n)W-185m	JENDL-3.2/A	6	[13,3,7,8]	39
W-186(n,3n)W-184	JENDL-3.2	4	[13]	33
W-186(n,n'a)Hf-182g	TALYS-6a	0		100
W-186(n,n'a)Hf-182m	TALYS-6	5		60
W-186(n,2na)Hf-181	TALYS-6a	0	[8]	40
W-186(n,3na)Hf-180g	TALYS-6a	0		30
W-186(n,3na)Hf-180m	TALYS-6a	0		29
W-186(n,n'p)Ta-185	TALYS-5a	5	[8]	42
W-186(n,2n2a)Yb-177g	TALYS-6a	0		27
W-186(n,2n2a)Yb-177m	TALYS-6a	0		25
W-186(n,n'd)Ta-184	TALYS-6a	0	[8]	31
W-186(n,n't)Ta-183	TALYS-6a	0	[8]	32
W-186(n,n'h)Hf-183	TALYS-6a	0	[8]	26
W-186(n,4n)W-183g	TALYS-6a	0		26
W-186(n,4n)W-183m	TALYS-6a	0		26
W-186(n,2np)Ta-184	TALYS-6a	0		30
W-186(n,3np)Ta-183	TALYS-6a	0	[8]	24
W-186(n,n'2p)Hf-184g	TALYS-6a	0	[4,8]	24
W-186(n,n'2p)Hf-184m	TALYS-6a	0	[4,7,8,8]	23
W-186(n,n'pa)Lu-181	TALYS-6a	0	[8,7,8]	27
>W-186(n,g)W-187	JEF-2.2	6	[13]	8749
W-186(n,p)Ta-186	TALYS-5	6	[3,8]	63
W-186(n,d)Ta-185	TALYS-6a	0	[8]	45
W-186(n,t)Ta-184	TALYS-6a	0	[8]	43
+W-186(n,h)Hf-184g	TALYS-6a	5	[4,8]	33
+W-186(n,h)Hf-184m	TALYS-6a	0	[4,7,8,8]	32
W-186(n,a)Hf-183	TALYS-5	6	[9,3,3]	8749
W-186(n,2p)Hf-185	TALYS-6a	0	[8,7,8]	27
W-186(n,pd)Hf-184g	TALYS-6a	0	[4,8]	26
W-186(n,pd)Hf-184m	TALYS-6a	0	[4,7,8,8]	25
W-186(n,5n)W-182	TALYS-6a	0		20
W-186(n,6n)W-181	TALYS-6a	0		14
W-186(n,2nt)Ta-182g	TALYS-6a	0	[4]	25
W-186(n,2nt)Ta-182m	TALYS-6a	0	[4,7,8]	24
W-186(n,2nt)Ta-182n	TALYS-6a	0	[4,7,8]	24
W-186(n,4np)Ta-182g	TALYS-6a	0	[4]	17
W-186(n,4np)Ta-182m	TALYS-6a	0	[4,7,8]	16
W-186(n,4np)Ta-182n	TALYS-6a	0	[4,7,8]	16
W-186(n,3nd)Ta-182g	TALYS-6a	0	[4]	19
W-186(n,3nd)Ta-182m	TALYS-6a	0	[4,7,8]	18
W-186(n,3nd)Ta-182n	TALYS-6a	0	[4,7,8]	18
+W-186(n,2npa)Lu-180g	TALYS-6a	0	[4,8]	23
+W-186(n,2npa)Lu-180m	TALYS-6a	0	[4,7,8,8]	22
W-186(n,7n)W-180	TALYS-6a	0		11
W-186(n,8n)W-179g	TALYS-6a	0		7
W-186(n,8n)W-179m	TALYS-6a	0		6
W-186(n,5np)Ta-181	TALYS-6a	0	[8]	14
W-186(n,6np)Ta-180g	TALYS-6a	0		10
W-186(n,6np)Ta-180m	TALYS-6a	0		10
W-186(n,7np)Ta-179	TALYS-6a	0		7
W-186(n,4na)Hf-179g	TALYS-6a	0	[4]	23
W-186(n,4na)Hf-179m	TALYS-6a	0	[4,7,8]	21
W-186(n,4na)Hf-179n	TALYS-6a	0	[4,7,8]	22
W-186(n,5na)Hf-178g	TALYS-6a	0	[4]	16
W-186(n,5na)Hf-178m	TALYS-6a	0	[4,7,8]	15
W-186(n,5na)Hf-178n	TALYS-6a	0	[4,7,8]	15
W-186(n,6na)Hf-177g	TALYS-6a	0	[4,8]	12
W-186(n,6na)Hf-177m	TALYS-6a	0	[4,7,8,8]	11
W-186(n,6na)Hf-177n	TALYS-6a	0	[4,7,8,8]	11
W-186(n,7na)Hf-176	TALYS-6a	0	[8]	9
W-186(n,4nd)Ta-181	TALYS-6a	0	[8]	15
W-186(n,5nd)Ta-180g	TALYS-6a	0		11
W-186(n,5nd)Ta-180m	TALYS-6a	0		11
W-186(n,6nd)Ta-179	TALYS-6a	0	[8]	8
W-186(n,3nt)Ta-181	TALYS-6a	0	[8]	18
W-186(n,4nt)Ta-180g	TALYS-6a	0		14
W-186(n,4nt)Ta-180m	TALYS-6a	0		13
W-186(n,5nt)Ta-179	TALYS-6a	0	[8]	10
W-186(n,6nt)Ta-178g	TALYS-6a	0	[4,8]	6
W-186(n,6nt)Ta-178m	TALYS-6a	0	[4,7,8,8]	5
W-186(n,2nh)Hf-182g	TALYS-6a	0		21
W-186(n,2nh)Hf-182m	TALYS-6a	0		20
W-186(n,3nh)Hf-181	TALYS-6a	0	[8]	15
W-186(n,4nh)Hf-180g	TALYS-6a	0		13
W-186(n,4nh)Hf-180m	TALYS-6a	0		12
W-186(n,3n2p)Hf-182g	TALYS-6a	0		15
W-186(n,3n2p)Hf-182m	TALYS-6a	0		14
W-186(n,3n2a)Yb-176g	TALYS-6a	0		20
W-186(n,3n2a)Yb-176m	TALYS-6a	0		20
W-186(n,3npa)Lu-179	TALYS-6a	0	[8]	17
W-186(n,n'pd)Hf-183	TALYS-6a	0	[8]	19
W-186(n,2n2p)Hf-183	TALYS-6a	0	[8]	18
W-186(n,4n2p)Hf-181	TALYS-6a	0	[8]	12
W-186(n,4n2a)Yb-175	TALYS-6a	0	[8]	15
W-186(n,4npa)Lu-178g	TALYS-6a	0		13
W-186(n,4npa)Lu-178m	TALYS-6a	0		13
W-186(n,5n2p)Hf-180g	TALYS-6a	0		9
W-186(n,5n2p)Hf-180m	TALYS-6a	0		8
W-187(n,2nd)Ta-184	TALYS-6a	0	[8]	26
W-187(n,2n)W-186	TALYS-6a	0		58
W-187(n,3n)W-185g	TALYS-6a	0		36
W-187(n,3n)W-185m	TALYS-6a	0		36
W-187(n,n'a)Hf-183	TALYS-6a	0		100
W-187(n,2na)Hf-182g	TALYS-6a	0		43
W-187(n,2na)Hf-182m	TALYS-6a	0		40
W-187(n,3na)Hf-181	TALYS-6a	0	[8]	30
W-187(n,n'p)Ta-186	TALYS-6a	0	[8]	41
W-187(n,2n2a)Yb-178	TALYS-6a	0	[8]	28
W-187(n,n'd)Ta-185	TALYS-6a	0	[8]	34
W-187(n,n't)Ta-184	TALYS-6a	0	[8]	32
W-187(n,n'h)Hf-184g	TALYS-6a	0	[4,8]	27
W-187(n,n'h)Hf-184m	TALYS-6a	0	[4,7,8,8]	26
W-187(n,4n)W-184	TALYS-6a	0		28
W-187(n,2np)Ta-185	TALYS-6a	0	[8]	31
W-187(n,3np)Ta-184	TALYS-6a	0	[8]	25
W-187(n,n'2p)Hf-185	TALYS-6a	0	[8,7,8]	24
W-187(n,g)W-188	MASGAM	2	[14,13,12]	120
W-187(n,p)Ta-187	TALYS-6a	0	[2,8]	68
W-187(n,d)Ta-186	TALYS-6a	0	[8]	44
W-187(n,t)Ta-185	TALYS-6a	0	[8]	46
W-187(n,h)Hf-185	TALYS-6a	0	[8,7,8]	30
+W-187(n,a)Hf-184g	TALYS-6a	0	[4]	100
+W-187(n,a)Hf-184m	TALYS-6a	0	[7,4,7]	100
W-187(n,2p)Hf-186	TALYS-6a	0	[8,7,8]	27
W-187(n,pd)Hf-185	TALYS-6a	0	[8,7,8]	25
W-187(n,5n)W-183g	TALYS-6a	0		21
W-187(n,5n)W-183m	TALYS-6a	0		20
W-187(n,6n)W-182	TALYS-6a	0		15
W-187(n,2nt)Ta-183	TALYS-6a	0	[8]	26
W-187(n,4np)Ta-183	TALYS-6a	0	[8]	19
W-187(n,3nd)Ta-183	TALYS-6a	0	[8]	20
W-187(n,2npa)Lu-181	TALYS-6a	0	[8,7,8]	23
W-187(n,7n)W-181	TALYS-6a	0		11
W-187(n,8n)W-180	TALYS-6a	0		8
W-187(n,5np)Ta-182g	TALYS-6a	0	[4]	14
W-187(n,5np)Ta-182m	TALYS-6a	0	[4,7,8]	13
W-187(n,5np)Ta-182n	TALYS-6a	0	[4,7,8]	13
W-187(n,6np)Ta-181	TALYS-6a	0	[8]	11
W-187(n,7np)Ta-180g	TALYS-6a	0		7
W-187(n,7np)Ta-180m	TALYS-6a	0		7
W-187(n,4na)Hf-180g	TALYS-6a	0		24
W-187(n,4na)Hf-180m	TALYS-6a	0		23
W-187(n,5na)Hf-179g	TALYS-6a	0	[4]	17
W-187(n,5na)Hf-179m	TALYS-6a	0	[4,7,8]	15
W-187(n,5na)Hf-179n	TALYS-6a	0	[4,7,8]	16
W-187(n,6na)Hf-178g	TALYS-6a	0	[4]	13
W-187(n,6na)Hf-178m	TALYS-6a	0	[4,7,8]	12
W-187(n,6na)Hf-178n	TALYS-6a	0	[4,7,8]	12
W-187(n,7na)Hf-177g	TALYS-6a	0	[4,8]	10
W-187(n,7na)Hf-177m	TALYS-6a	0	[4,7,8,8]	9
W-187(n,7na)Hf-177n	TALYS-6a	0	[4,7,8,8]	9
W-187(n,4nd)Ta-182g	TALYS-6a	0	[4]	15
W-187(n,4nd)Ta-182m	TALYS-6a	0	[4,7,8]	14
W-187(n,4nd)Ta-182n	TALYS-6a	0	[4,7,8]	14
W-187(n,5nd)Ta-181	TALYS-6a	0	[8]	12
W-187(n,6nd)Ta-180g	TALYS-6a	0		8
W-187(n,6nd)Ta-180m	TALYS-6a	0		8
W-187(n,3nt)Ta-182g	TALYS-6a	0	[4]	19
W-187(n,3nt)Ta-182m	TALYS-6a	0	[4,7,8]	18
W-187(n,3nt)Ta-182n	TALYS-6a	0	[4,7,8]	18
W-187(n,4nt)Ta-181	TALYS-6a	0	[8]	15
W-187(n,5nt)Ta-180g	TALYS-6a	0		11
W-187(n,5nt)Ta-180m	TALYS-6a	0		11
W-187(n,6nt)Ta-179	TALYS-6a	0	[8]	7
W-187(n,2nh)Hf-183	TALYS-6a	0	[8]	21
W-187(n,3nh)Hf-182g	TALYS-6a	0		16
W-187(n,3nh)Hf-182m	TALYS-6a	0		15
W-187(n,4nh)Hf-181	TALYS-6a	0	[8]	13
W-187(n,3n2p)Hf-183	TALYS-6a	0	[8]	15
W-187(n,3n2a)Yb-177g	TALYS-6a	0		21
W-187(n,3n2a)Yb-177m	TALYS-6a	0		19
+W-187(n,3npa)Lu-180g	TALYS-6a	0	[4,8]	17
+W-187(n,3npa)Lu-180m	TALYS-6a	0	[4,7,8,8]	16
W-187(n,n'pd)Hf-184g	TALYS-6a	0	[4,8]	20
W-187(n,n'pd)Hf-184m	TALYS-6a	0	[4,7,8,8]	19
W-187(n,2n2p)Hf-184g	TALYS-6a	0	[4,8]	19
W-187(n,2n2p)Hf-184m	TALYS-6a	0	[4,7,8,8]	18
W-187(n,4n2p)Hf-182g	TALYS-6a	0		12
W-187(n,4n2p)Hf-182m	TALYS-6a	0		12
W-187(n,4n2a)Yb-176g	TALYS-6a	0		15
W-187(n,4n2a)Yb-176m	TALYS-6a	0		15
W-187(n,4npa)Lu-179	TALYS-6a	0	[8]	14

Reaction	Library	Flag	Refs	Value
W-187(n,5n2p)Hf-181	TALYS-6a	0	[8]	9
W-188(n,2nd)Ta-185	TALYS-6a	0	[8]	26
W-188(n,2n)W-187	TALYS-6a	0		51
W-188(n,3n)W-186	TALYS-6a	0		37
+W-188(n,n'a)Hf-184g	TALYS-6a	0	[4]	100
+W-188(n,n'a)Hf-184m	TALYS-6a	0	[7,4,7,8,10,9,10]	81
W-188(n,2na)Hf-183	TALYS-6a	0	[8]	40
W-188(n,3na)Hf-182g	TALYS-6a	0		30
W-188(n,3na)Hf-182m	TALYS-6a	0		29
W-188(n,n'p)Ta-187	TALYS-6a	0	[8]	40
W-188(n,n'd)Ta-186	TALYS-6a	0	[8]	31
W-188(n,n't)Ta-185	TALYS-6a	0	[8]	32
W-188(n,n'h)Hf-185	TALYS-6a	0	[8,7,8]	25
W-188(n,4n)W-185g	TALYS-6a	0		27
W-188(n,4n)W-185m	TALYS-6a	0		27
W-188(n,2np)Ta-186	TALYS-6a	0	[8]	30
W-188(n,3np)Ta-185	TALYS-6a	0	[8]	24
W-188(n,n'2p)Hf-186	TALYS-6a	0	[8,7,8]	22
W-188(n,g)W-189	MASGAM	2	[14,13,12]	114
W-188(n,p)Ta-188	TALYS-6a	0	[2,8,7,8]	58
W-188(n,d)Ta-187	TALYS-6a	0	[8]	43
W-188(n,t)Ta-186	TALYS-6a	0	[8]	42
W-188(n,h)Hf-186	TALYS-6a	0	[8,7,8]	29
W-188(n,a)Hf-185	TALYS-6a	0	[7,2]	100
W-188(n,2p)Hf-187	TALYS-6a	0	[8,7,8]	25
W-188(n,pd)Hf-186	TALYS-6a	0	[8,7,8]	24
W-188(n,5n)W-184	TALYS-6a	0		21
W-188(n,6n)W-183g	TALYS-6a	0		15
W-188(n,6n)W-183m	TALYS-6a	0		15
W-188(n,2nt)Ta-184	TALYS-6a	0	[8]	25
W-188(n,4np)Ta-184	TALYS-6a	0	[8]	18
W-188(n,3nd)Ta-184	TALYS-6a	0	[8]	19
W-188(n,2npa)Lu-182	TALYS-6a	0	[8,7,8]	21
W-188(n,7n)W-182	TALYS-6a	0		12
W-188(n,8n)W-181	TALYS-6a	0		8
W-188(n,5np)Ta-183	TALYS-6a	0	[8]	14
W-188(n,6np)Ta-182g	TALYS-6a	0	[4]	11
W-188(n,6np)Ta-182m	TALYS-6a	0	[4,7,8]	10
W-188(n,6np)Ta-182n	TALYS-6a	0	[4,7,8]	10
W-188(n,7np)Ta-181	TALYS-6a	0		8
W-188(n,4na)Hf-181	TALYS-6a	0	[8]	23
W-188(n,5na)Hf-180g	TALYS-6a	0		17
W-188(n,5na)Hf-180m	TALYS-6a	0		16
W-188(n,6na)Hf-179g	TALYS-6a	0	[4]	13
W-188(n,6na)Hf-179m	TALYS-6a	0	[4,7,8]	12
W-188(n,6na)Hf-179n	TALYS-6a	0	[4,7,8]	12
W-188(n,7na)Hf-178g	TALYS-6a	0	[4]	10
W-188(n,7na)Hf-178m	TALYS-6a	0	[4,7,8]	8
W-188(n,7na)Hf-178n	TALYS-6a	0	[4,7,8]	9
W-188(n,4nd)Ta-183	TALYS-6a	0	[8]	15
W-188(n,5nd)Ta-182g	TALYS-6a	0	[4]	12
W-188(n,5nd)Ta-182m	TALYS-6a	0	[4,7,8]	11
W-188(n,5nd)Ta-182n	TALYS-6a	0	[4,7,8]	11
W-188(n,6nd)Ta-181	TALYS-6a	0	[8]	9
W-188(n,3nt)Ta-183	TALYS-6a	0	[8]	19
W-188(n,4nt)Ta-182g	TALYS-6a	0	[4]	14
W-188(n,4nt)Ta-182m	TALYS-6a	0	[4,7,8]	13
W-188(n,4nt)Ta-182n	TALYS-6a	0	[4,7,8]	13
W-188(n,5nt)Ta-181	TALYS-6a	0	[8]	11
W-188(n,6nt)Ta-180g	TALYS-6a	0		7
W-188(n,6nt)Ta-180m	TALYS-6a	0		7
W-188(n,2nh)Hf-184g	TALYS-6a	0	[4,8]	21
W-188(n,2nh)Hf-184m	TALYS-6a	0	[4,7,8,8]	20
W-188(n,3nh)Hf-183	TALYS-6a	0	[8]	16
W-188(n,4nh)Hf-182g	TALYS-6a	0		13
W-188(n,4nh)Hf-182m	TALYS-6a	0		12
W-188(n,3n2p)Hf-184g	TALYS-6a	0	[4,8]	14
W-188(n,3n2p)Hf-184m	TALYS-6a	0	[4,7,8,8]	13
W-188(n,3n2a)Yb-178	TALYS-6a	0	[8]	20
W-188(n,3npa)Lu-181	TALYS-6a	0	[8,7,8]	16
W-188(n,n'pd)Hf-185	TALYS-6a	0	[8,7,8]	18
W-188(n,2n2p)Hf-185	TALYS-6a	0	[8,7,8]	17
W-188(n,4n2p)Hf-183	TALYS-6a	0	[8]	11
W-188(n,4n2a)Yb-177g	TALYS-6a	0		15
W-188(n,4n2a)Yb-177m	TALYS-6a	0		14
+W-188(n,4npa)Lu-180g	TALYS-6a	0	[4,8]	13
+W-188(n,4npa)Lu-180m	TALYS-6a	0	[4,7,8,8]	12
Re-181(n,2nd)W-178	TALYS-6a	0	[8]	27
Re-181(n,2n)Re-180	TALYS-6a	0		44
Re-181(n,3n)Re-179	TALYS-6a	0		30
Re-181(n,n'a)Ta-177	TALYS-6a	0		100
Re-181(n,n'3a)Tm-169	TALYS-6a	0		100
Re-181(n,2na)Ta-176	TALYS-6a	0	[8]	41
Re-181(n,3na)Ta-175	TALYS-6a	0	[8]	29
Re-181(n,n'p)W-180	TALYS-6a	0	[8]	59
Re-181(n,n'2a)Lu-173	TALYS-6a	0		100
Re-181(n,2n2a)Lu-172g	TALYS-6a	0		31
Re-181(n,2n2a)Lu-172m	TALYS-6a	0		30
Re-181(n,n'd)W-179g	TALYS-6a	0		37
Re-181(n,n'd)W-179m	TALYS-6a	0		36
Re-181(n,n't)W-178	TALYS-6a	0	[8]	34
Re-181(n,n'h)Ta-178g	TALYS-6a	0	[4,8]	30
Re-181(n,n'h)Ta-178m	TALYS-6a	0	[4,7,8,8]	29
Re-181(n,n'd2a)Yb-171	TALYS-6a	0	[8]	19
Re-181(n,4n)Re-178	TALYS-6a	0		21
Re-181(n,2np)W-179g	TALYS-6a	0		34
Re-181(n,2np)W-179m	TALYS-6a	0		33
Re-181(n,3np)W-178	TALYS-6a	0	[8]	26
Re-181(n,n'2p)Ta-179	TALYS-6a	0	[8]	31
Re-181(n,n'pa)Hf-176	TALYS-6a	0	[8]	42
Re-181(n,g)Re-182g	MASGAM	0	[14,13,4,6]	83
Re-181(n,g)Re-182m	MASGAM	0	[14,13,4,6]	83
Re-181(n,p)W-181	TALYS-6a	0	[2]	100
Re-181(n,d)W-180	TALYS-6a	0	[8]	66
Re-181(n,t)W-179g	TALYS-6a	0		53
Re-181(n,t)W-179m	TALYS-6a	0		52
Re-181(n,h)Ta-179	TALYS-6a	0	[8]	43
Re-181(n,a)Ta-178g	TALYS-6a	0	[4,2]	100
Re-181(n,a)Ta-178m	TALYS-6a	0	[4,7,2]	100
Re-181(n,2a)Lu-174g	TALYS-6a	0	[10]	100
Re-181(n,2a)Lu-174m	TALYS-6a	0	[10]	100
Re-181(n,2p)Ta-180g	TALYS-6a	0		44
Re-181(n,2p)Ta-180m	TALYS-6a	0		44
Re-181(n,pa)Hf-177g	TALYS-6a	0	[4]	100
Re-181(n,pa)Hf-177m	TALYS-6a	0	[7,4,7]	100
Re-181(n,pa)Hf-177n	TALYS-6a	0	[7,4,7]	100
Re-181(n,pd)Ta-179	TALYS-6a	0	[8]	32
Re-181(n,pt)Ta-178g	TALYS-6a	0	[4,8]	30
Re-181(n,pt)Ta-178m	TALYS-6a	0	[4,7,8,8]	29
Re-181(n,da)Hf-176	TALYS-6a	0		100
Re-181(n,5n)Re-177	TALYS-6a	0		15
Re-181(n,6n)Re-176	TALYS-6a	0		11
Re-181(n,2nt)W-177	TALYS-6a	0	[8]	24
Re-181(n,ta)Hf-175	TALYS-6a	0	[8]	38
Re-181(n,4np)W-177	TALYS-6a	0	[8]	17
Re-181(n,3nd)W-177	TALYS-6a	0	[8]	18
Re-181(n,n'da)Hf-175	TALYS-6a	0	[8]	29
Re-181(n,2npa)Hf-175	TALYS-6a	0	[8]	28
Re-181(n,5np)W-176	TALYS-6a	0	[8]	13
Re-181(n,6np)W-175	TALYS-6a	0		9
Re-181(n,4na)Ta-174	TALYS-6a	0	[8]	20
Re-181(n,5na)Ta-173	TALYS-6a	0	[8,7,8]	15
Re-181(n,6na)Ta-172	TALYS-6a	0	[8]	10
Re-181(n,4nd)W-176	TALYS-6a	0	[8]	14
Re-181(n,5nd)W-175	TALYS-6a	0	[8]	9
Re-181(n,3nt)W-176	TALYS-6a	0	[8]	16
Re-181(n,4nt)W-175	TALYS-6a	0	[8]	12
Re-181(n,5nt)W-174	TALYS-6a	0	[8]	8
Re-181(n,2nh)Ta-177	TALYS-6a	0	[8]	23
Re-181(n,3nh)Ta-176	TALYS-6a	0	[8]	16
Re-181(n,4nh)Ta-175	TALYS-6a	0	[8]	12
Re-181(n,3n2p)Ta-177	TALYS-6a	0	[8]	16
Re-181(n,3n2a)Lu-171g	TALYS-6a	0		23
Re-181(n,3n2a)Lu-171m	TALYS-6a	0		23
Re-181(n,3npa)Hf-174	TALYS-6a	0	[8]	21
Re-181(n,n'pd)Ta-178g	TALYS-6a	0	[4,8]	24
Re-181(n,n'pd)Ta-178m	TALYS-6a	0	[4,7,8,8]	23
Re-181(n,n'pt)Ta-177	TALYS-6a	0	[8]	23
Re-181(n,n'dt)Ta-176	TALYS-6a	0	[8]	16
Re-181(n,n'ta)Hf-174	TALYS-6a	0	[8]	28
Re-181(n,2n2p)Ta-178g	TALYS-6a	0	[4,8]	23
Re-181(n,2n2p)Ta-178m	TALYS-6a	0	[4,7,8,8]	22
Re-181(n,4n2p)Ta-176	TALYS-6a	0	[8]	12
Re-181(n,4n2a)Lu-170g	TALYS-6a	0		15
Re-181(n,4n2a)Lu-170m	TALYS-6a	0		15
Re-181(n,4npa)Hf-173	TALYS-6a	0	[8]	14
Re-181(n,3n2pa)Lu-173	TALYS-6a	0	[8]	13
Re-181(n,5n2p)Ta-175	TALYS-6a	0	[8]	9
Re-182(n,n')Re-182m	TALYS-5a	0		89
Re-182(n,2nd)W-179g	TALYS-6a	0		27
Re-182(n,2nd)W-179m	TALYS-6a	0		27
Re-182(n,2n)Re-181	TALYS-6a	0		50
Re-182(n,3n)Re-180	TALYS-6a	0		31
Re-182(n,n'a)Ta-178g	TALYS-6a	0	[4]	100
Re-182(n,n'a)Ta-178m	TALYS-6a	0	[4,7]	100
Re-182(n,n'3a)Tm-170	TALYS-6a	0		100
Re-182(n,2na)Ta-177	TALYS-6a	0	[8]	43
Re-182(n,3na)Ta-176	TALYS-6a	0	[8]	29
Re-182(n,n'p)W-181	TALYS-6a	0	[8]	57
Re-182(n,n'2a)Lu-174g	TALYS-6a	0		100
Re-182(n,n'2a)Lu-174m	TALYS-6a	0		100
Re-182(n,2n2a)Lu-173	TALYS-6a	0	[8]	32
Re-182(n,n'd)W-180	TALYS-6a	0	[8]	39
Re-182(n,n't)W-179g	TALYS-6a	0		34
Re-182(n,n't)W-179m	TALYS-6a	0		34
Re-182(n,n'h)Ta-179	TALYS-6a	0	[8]	30
Re-182(n,n't2a)Yb-171	TALYS-6a	0	[8]	16
Re-182(n,4n)Re-179	TALYS-6a	0		23
Re-182(n,2np)W-180	TALYS-6a	0	[8]	37
Re-182(n,3np)W-179g	TALYS-6a	0		26
Re-182(n,3np)W-179m	TALYS-6a	0		25
Re-182(n,n'2p)Ta-180g	TALYS-6a	0		30
Re-182(n,n'2p)Ta-180m	TALYS-6a	0		30
Re-182(n,n'pa)Hf-177g	TALYS-6a	0	[4,8]	40
Re-182(n,n'pa)Hf-177m	TALYS-6a	0	[4,7,8,8]	39
Re-182(n,n'pa)Hf-177n	TALYS-6a	0	[4,7,8,8]	39
Re-182(n,g)Re-183	MASGAM	0	[14,13]	83
Re-182(n,p)W-182	TALYS-6a	0	[2]	100
Re-182(n,d)W-181	TALYS-6a	0	[8]	64
Re-182(n,t)W-180	TALYS-6a	0	[8]	60
Re-182(n,h)Ta-180g	TALYS-6a	0		40
Re-182(n,h)Ta-180m	TALYS-6a	0		42
Re-182(n,a)Ta-179	TALYS-6a	0	[2]	100
Re-182(n,2p)Ta-181	TALYS-6a	0	[8]	45
Re-182(n,pa)Hf-178g	TALYS-6a	0	[4]	100
Re-182(n,pa)Hf-178m	TALYS-6a	0	[4,7]	100
Re-182(n,pa)Hf-178n	TALYS-6a	0	[7,4,7]	100
Re-182(n,pd)Ta-180g	TALYS-6a	0		31
Re-182(n,pd)Ta-180m	TALYS-6a	0		31
Re-182(n,pt)Ta-179	TALYS-6a	0	[8]	31
Re-182(n,da)Hf-177g	TALYS-6a	0	[4,8]	41
Re-182(n,da)Hf-177m	TALYS-6a	0	[4,7,8,8]	40
Re-182(n,da)Hf-177n	TALYS-6a	0	[4,7,8,8]	40
Re-182(n,5n)Re-178	TALYS-6a	0		15
Re-182(n,6n)Re-177	TALYS-6a	0		12
Re-182(n,2nt)W-178	TALYS-6a	0	[8]	26
Re-182(n,ta)Hf-176	TALYS-6a	0	[8]	40
Re-182(n,4np)W-178	TALYS-6a	0	[8]	19
Re-182(n,3nd)W-178	TALYS-6a	0	[8]	20
Re-182(n,n'da)Hf-176	TALYS-6a	0	[8]	30
Re-182(n,2npa)Hf-176	TALYS-6a	0	[8]	29
Re-182(n,5np)W-177	TALYS-6a	0	[8]	13
Re-182(n,6np)W-176	TALYS-6a	0		10
Re-182(n,4na)Ta-175	TALYS-6a	0	[8]	22
Re-182(n,5na)Ta-174	TALYS-6a	0	[8]	15
Re-182(n,6na)Ta-173	TALYS-6a	0	[8,7,8]	11
Re-182(n,4nd)W-177	TALYS-6a	0	[8]	14
Re-182(n,5nd)W-176	TALYS-6a	0	[8]	10

Left column:

Re-182(n,3nt)W-177	TALYS-6a	0 [8]		17
Re-182(n,4nt)W-176	TALYS-6a	0 [8]		13
Re-182(n,5nt)W-175	TALYS-6a	0 [8]		8
Re-182(n,2nh)Ta-178g	TALYS-6a	0 [4,8]		23
Re-182(n,2nh)Ta-178m	TALYS-6a	0 [4,7,8,8]		22
Re-182(n,3nh)Ta-177	TALYS-6a	0 [8]		16
Re-182(n,4nh)Ta-176	TALYS-6a	0 [8]		12
Re-182(n,3n2p)Ta-178g	TALYS-6a	0 [4,8]		16
Re-182(n,3n2p)Ta-178m	TALYS-6a	0 [4,7,8,8]		15
Re-182(n,3n2a)Lu-172g	TALYS-6a	0		23
Re-182(n,3n2a)Lu-172m	TALYS-6a	0		23
Re-182(n,3npa)Hf-175	TALYS-6a	0 [8]		21
Re-182(n,n'pd)Ta-179	TALYS-6a	0 [8]		25
Re-182(n,n'pt)Ta-178g	TALYS-6a	0 [4,8]		23
Re-182(n,n'pt)Ta-178m	TALYS-6a	0 [4,7,8,8]		22
Re-182(n,n'dt)Ta-177	TALYS-6a	0 [8]		16
Re-182(n,n'ta)Hf-175	TALYS-6a	0 [8]		27
Re-182(n,2n2p)Ta-179	TALYS-6a	0 [8]		24
Re-182(n,4n2p)Ta-177	TALYS-6a	0 [8]		13
Re-182(n,4n2a)Lu-171g	TALYS-6a	0		16
Re-182(n,4n2a)Lu-171m	TALYS-6a	0		16
Re-182(n,4npa)Hf-174	TALYS-6a	0 [8]		15
Re-182(n,5n2p)Ta-176	TALYS-6a	0 [8]		9
Re-182m(n,n')Re-182g	TALYS-5a	0 [7,8]		98
Re-182m(n,2nd)W-179g	TALYS-5a	0		28
Re-182m(n,2nd)W-179m	TALYS-5a	0		27
Re-182m(n,2n)Re-181	TALYS-5a	0		51
Re-182m(n,3n)Re-180	TALYS-5a	0		31
Re-182m(n,n'a)Ta-178g	TALYS-5a	0		100
Re-182m(n,n'a)Ta-178m	TALYS-5a	0 [7]		100
Re-182m(n,3'a)Tm-170	TALYS-5a	0		100
Re-182m(n,2na)Ta-177	TALYS-5a	0 [8,7,8]		48
Re-182m(n,3na)Ta-176	TALYS-5a	0 [8,7,8]		30
Re-182m(n,n'p)W-181	TALYS-5a	0 [8,7,8]		60
Re-182m(n,n'2a)Lu-174g	TALYS-5a	0		100
Re-182m(n,n'2a)Lu-174m	TALYS-5a	0		100
Re-182m(n,2n2a)Lu-173	TALYS-5a	0 [8,7,8]		43
Re-182m(n,n'd)W-180	TALYS-5a	0 [8,7,8]		41
Re-182m(n,n't)W-179g	TALYS-5a	0		36
Re-182m(n,n't)W-179m	TALYS-5a	0		35
Re-182m(n,n'h)Ta-179	TALYS-5a	0 [8,7,8]		33
Re-182m(n,n't2a)Yb-171	TALYS-5a	0 [8,7,8]		27
Re-182m(n,4n)Re-179	TALYS-5a	0		23
Re-182m(n,2np)W-180	TALYS-5a	0 [8,7,8]		38
Re-182m(n,3np)W-179g	TALYS-5a	0		26
Re-182m(n,3np)W-179m	TALYS-5a	0		26
Re-182m(n,n'2p)Ta-180g	TALYS-5a	0		32
Re-182m(n,n'2p)Ta-180m	TALYS-5a	0		32
Re-182m(n,n'pa)Hf-177g	TALYS-5a	0 [4,8,7,8]		46
Re-182m(n,n'pa)Hf-177m	TALYS-5a	0 [4,7,8,8]		45
Re-182m(n,n'pa)Hf-177n	TALYS-5a	0 [4,7,8,8]		45
Re-182m(n,g)Re-183	TALYS-5a	0		100
Re-182m(n,p)W-182	TALYS-5a	0 [2]		100
Re-182m(n,d)W-181	TALYS-5a	0 [8,7,8]		68
Re-182m(n,t)W-180	TALYS-5a	0 [8,7,8]		64
Re-182m(n,h)Ta-180g	TALYS-5a	0		49
Re-182m(n,h)Ta-180m	TALYS-5a	0		48
Re-182m(n,a)Ta-179	TALYS-5a	0 [2]		100
Re-182m(n,2p)Ta-181	TALYS-5a	0 [8,7,8]		50
Re-182m(n,pa)Hf-178g	TALYS-5a	0 [4]		100
Re-182m(n,pa)Hf-178m	TALYS-5a	0 [4,7]		100
Re-182m(n,pa)Hf-178n	TALYS-5a	0 [7,4,7]		100
Re-182m(n,pd)Ta-180g	TALYS-5a	0		35
Re-182m(n,pd)Ta-180m	TALYS-5a	0		35
Re-182m(n,pt)Ta-179	TALYS-5a	0 [8,7,8]		34
Re-182m(n,da)Hf-177g	TALYS-5a	0 [7,4]		100
Re-182m(n,da)Hf-177m	TALYS-5a	0 [4,7,8,10]		78
Re-182m(n,da)Hf-177n	TALYS-5a	0 [4,7,8,10]		71
Re-182m(n,5n)Re-178	TALYS-5a	0		15
Re-182m(n,6n)Re-177	TALYS-5a	0		12
Re-182m(n,2nt)W-178	TALYS-5a	0 [8,7,8]		27
Re-182m(n,4np)W-178	TALYS-5a	0 [8,7,8]		19
Re-182m(n,3nd)W-178	TALYS-5a	0 [8,7,8]		21
Re-182m(n,n'da)Hf-176	TALYS-5a	0 [8,7,8]		36
Re-182m(n,2npa)Hf-176	TALYS-5a	0 [8,7,8]		33
Re-182m(n,5np)W-177	TALYS-5a	0 [8,7,8]		13
Re-182m(n,6np)W-176	TALYS-5	0		10
Re-182m(n,4na)Ta-175	TALYS-5a	0 [8,7,8]		23
Re-182m(n,5na)Ta-174	TALYS-5a	0 [8,7,8]		15
Re-182m(n,6na)Ta-173	TALYS-5a	0 [8,7,8]		12
Re-182m(n,4nd)W-177	TALYS-5a	0 [8,7,8]		14
Re-182m(n,5nd)W-176	TALYS-5a	0		11
Re-182m(n,3nt)W-177	TALYS-5a	0 [8,7,8]		18
Re-182m(n,4nt)W-176	TALYS-5a	0		14
Re-182m(n,5nt)W-175	TALYS-5	0 [8,7,8]		9
Re-182m(n,2nh)Ta-178g	TALYS-5a	0		25
Re-182m(n,2nh)Ta-178m	TALYS-5a	0		25
Re-182m(n,3nh)Ta-177	TALYS-5a	0 [8,7,8]		18
Re-182m(n,4nh)Ta-176	TALYS-5a	0 [8,7,8]		13
Re-182m(n,3n2p)Ta-178g	TALYS-5a	0		17
Re-182m(n,3n2p)Ta-178m	TALYS-5a	0		16
Re-182m(n,3n2a)Lu-172g	TALYS-5a	0		29
Re-182m(n,3n2a)Lu-172m	TALYS-5a	0		29
Re-182m(n,3npa)Hf-175	TALYS-5a	0 [8,7,8]		24
Re-182m(n,n'pd)Ta-179	TALYS-5a	0 [8,7,8]		27
Re-182m(n,n'pt)Ta-178g	TALYS-5a	0		24
Re-182m(n,n'pt)Ta-178m	TALYS-5a	0		24
Re-182m(n,n'dt)Ta-177	TALYS-5a	0 [8,7,8]		19
Re-182m(n,n'ta)Hf-175	TALYS-5a	0 [8,7,8]		31
Re-182m(n,2n2p)Ta-179	TALYS-5a	0 [8,7,8]		25
Re-182m(n,4n2p)Ta-177	TALYS-5a	0 [8,7,8]		13
Re-182m(n,4n2a)Lu-171g	TALYS-5a	0		22
Re-182m(n,4n2a)Lu-171m	TALYS-5a	0		21
Re-182m(n,4npa)Hf-174	TALYS-5a	0 [8,7,8]		18
Re-182m(n,5n2p)Ta-176	TALYS-5	0 [8,7,8]		8
Re-183(n,2nd)W-180	TALYS-6a	0 [8]		27
Re-183(n,2n)Re-182g	TALYS-6a	0 [4]		45
Re-183(n,2n)Re-182m	TALYS-6a	0 [4,7,8]		43
Re-183(n,3n)Re-181	TALYS-6a	0		31

Right column:

Re-183(n,n'a)Ta-179	TALYS-6a	0		100
Re-183(n,2na)Ta-178g	TALYS-6a	0 [4,8]		39
Re-183(n,2na)Ta-178m	TALYS-6a	0 [4,7,8,8]		38
Re-183(n,3na)Ta-177	TALYS-6a	0 [8]		29
Re-183(n,n'p)W-182	TALYS-6a	0 [8]		55
Re-183(n,n'2a)Lu-175	TALYS-6a	0		100
Re-183(n,2n2a)Lu-174g	TALYS-6a	0		29
Re-183(n,2n2a)Lu-174m	TALYS-6a	0		29
Re-183(n,n'd)W-181	TALYS-6a	0 [8]		36
Re-183(n,n't)W-180	TALYS-6a	0 [8]		34
Re-183(n,n'h)Ta-180g	TALYS-6a	0		29
Re-183(n,n'h)Ta-180m	TALYS-6a	0		29
Re-183(n,4n)Re-180	TALYS-6a	0		22
Re-183(n,2np)W-181	TALYS-6a	0 [8]		33
Re-183(n,3np)W-180	TALYS-6a	0 [8]		26
Re-183(n,n'2p)Ta-181	TALYS-6a	0 [8]		29
Re-183(n,n'pa)Hf-178g	TALYS-6a	0 [4]		38
Re-183(n,n'pa)Hf-178m	TALYS-6a	0 [4,7,8]		34
Re-183(n,n'pa)Hf-178n	TALYS-6a	0 [4,7,8]		37
Re-183(n,g)Re-184g	MASGAM	0 [14,13,4,6]		83
Re-183(n,g)Re-184m	MASGAM	0 [14,13,4,6]		83
Re-183(n,p)W-183g	TALYS-6a	0 [2]		100
Re-183(n,p)W-183m	TALYS-6a	0 [2]		100
Re-183(n,d)W-182	TALYS-6a	0 [8]		63
Re-183(n,t)W-181	TALYS-6a	0 [8]		51
Re-183(n,h)Ta-181	TALYS-6a	0 [8]		40
Re-183(n,a)Ta-180g	TALYS-6a	0 [2]		100
Re-183(n,a)Ta-180m	TALYS-6a	0 [2]		100
Re-183(n,2p)Ta-182g	TALYS-6a	0 [4]		39
Re-183(n,2p)Ta-182m	TALYS-6a	0 [4,7,8]		39
Re-183(n,2p)Ta-182n	TALYS-6a	0 [4,7,8]		38
Re-183(n,pd)Ta-181	TALYS-6a	0 [8]		30
Re-183(n,5n)Re-179	TALYS-6a	0		16
Re-183(n,6n)Re-178	TALYS-6a	0		11
Re-183(n,2nt)W-179g	TALYS-6a	0		24
Re-183(n,2nt)W-179m	TALYS-6a	0		24
Re-183(n,4np)W-179g	TALYS-6a	0		17
Re-183(n,4np)W-179m	TALYS-6a	0		17
Re-183(n,3nd)W-179g	TALYS-6a	0		19
Re-183(n,3nd)W-179m	TALYS-6a	0		18
Re-183(n,n'da)Hf-177g	TALYS-6a	0 [4,8]		28
Re-183(n,n'da)Hf-177m	TALYS-6a	0 [4,7,8,8]		27
Re-183(n,n'da)Hf-177n	TALYS-6a	0 [4,7,8,8]		27
Re-183(n,2npa)Hf-177g	TALYS-6a	0 [4,8]		27
Re-183(n,2npa)Hf-177m	TALYS-6a	0 [4,7,8,8]		26
Re-183(n,2npa)Hf-177n	TALYS-6a	0 [4,7,8,8]		26
Re-183(n,7n)Re-177	TALYS-6a	0		7
Re-183(n,5np)W-178	TALYS-6a	0 [8]		13
Re-183(n,6np)W-177	TALYS-6a	0 [8]		9
Re-183(n,4na)Ta-176	TALYS-6a	0 [8]		20
Re-183(n,5na)Ta-175	TALYS-6a	0 [8]		15
Re-183(n,6na)Ta-174	TALYS-6a	0 [8]		10
Re-183(n,7na)Ta-173	TALYS-6a	0 [8,7,8]		7
Re-183(n,4nd)W-178	TALYS-6a	0 [8]		14
Re-183(n,5nd)W-177	TALYS-6a	0 [8]		10
Re-183(n,6nd)W-176	TALYS-6a	0 [8]		6
Re-183(n,3nt)W-178	TALYS-6a	0 [8]		17
Re-183(n,4nt)W-177	TALYS-6a	0 [8]		12
Re-183(n,5nt)W-176	TALYS-6a	0 [8]		9
Re-183(n,2nh)Ta-179	TALYS-6a	0 [8]		22
Re-183(n,3nh)Ta-178g	TALYS-6a	0 [4,8]		16
Re-183(n,3nh)Ta-178m	TALYS-6a	0 [4,7,8,8]		15
Re-183(n,4nh)Ta-177	TALYS-6a	0 [8]		12
Re-183(n,3n2p)Ta-179	TALYS-6a	0 [8]		16
Re-183(n,3n2a)Lu-173	TALYS-6a	0 [8]		23
Re-183(n,3npa)Hf-176	TALYS-6a	0 [8]		20
Re-183(n,n'pd)Ta-180g	TALYS-6a	0		23
Re-183(n,n'pd)Ta-180m	TALYS-6a	0		23
Re-183(n,n'pt)Ta-179	TALYS-6a	0 [8]		22
Re-183(n,n'dt)Ta-178g	TALYS-6a	0 [4,8]		16
Re-183(n,n'dt)Ta-178m	TALYS-6a	0 [4,7,8,8]		15
Re-183(n,n'ta)Hf-176	TALYS-6a	0 [8]		27
Re-183(n,2n2p)Ta-180g	TALYS-6a	0		22
Re-183(n,2n2p)Ta-180m	TALYS-6a	0		22
Re-183(n,4n2p)Ta-178g	TALYS-6a	0 [4,8]		12
Re-183(n,4n2p)Ta-178m	TALYS-6a	0 [4,7,8,8]		11
Re-183(n,4n2a)Lu-172g	TALYS-6a	0		15
Re-183(n,4n2a)Lu-172m	TALYS-6a	0		15
Re-183(n,4npa)Hf-175	TALYS-6a	0 [8]		14
Re-183(n,5n2p)Ta-177	TALYS-6a	0 [8]		8
Re-184(n,n')Re-184m	TALYS-6a	0		89
Re-184(n,2nd)W-181	TALYS-6a	0 [8]		27
Re-184(n,2n)Re-183	TALYS-6a	0		53
Re-184(n,3n)Re-182g	TALYS-6a	0 [4]		31
Re-184(n,3n)Re-182m	TALYS-6a	0 [4,7,8]		30
Re-184(n,n'a)Ta-180g	TALYS-6a	0		100
Re-184(n,n'a)Ta-180m	TALYS-6a	0		100
Re-184(n,2na)Ta-179	TALYS-6a	0 [8]		43
Re-184(n,3na)Ta-178g	TALYS-6a	0 [4,8]		29
Re-184(n,3na)Ta-178m	TALYS-6a	0 [4,7,8,8]		28
Re-184(n,n'p)W-183g	TALYS-6a	0 [4,8]		54
Re-184(n,n'p)W-183m	TALYS-6a	0 [4,7,8,8]		53
Re-184(n,n'2a)Lu-176g	TALYS-6a	0		100
Re-184(n,n'2a)Lu-176m	TALYS-6a	0		100
Re-184(n,2n2a)Lu-175	TALYS-6a	0		31
Re-184(n,n'd)W-182	TALYS-6a	0 [8]		39
Re-184(n,n't)W-181	TALYS-6a	0 [8]		34
Re-184(n,n'h)Ta-181	TALYS-6a	0 [8]		30
Re-184(n,4n)Re-181	TALYS-6a	0		24
Re-184(n,2np)W-182	TALYS-6a	0 [8]		36
Re-184(n,3np)W-181	TALYS-6a	0 [8]		26
Re-184(n,n'2p)Ta-182g	TALYS-6a	0 [4]		29
Re-184(n,n'2p)Ta-182m	TALYS-6a	0 [4,7,8]		28
Re-184(n,n'2p)Ta-182n	TALYS-6a	0 [4,7,8]		28
Re-184(n,n'pa)Hf-179g	TALYS-6a	0 [4]		37
Re-184(n,n'pa)Hf-179m	TALYS-6a	0 [4,7,8]		34
Re-184(n,n'pa)Hf-179n	TALYS-6a	0 [4,7,8]		36
Re-184(n,g)Re-185	MASGAM	2 [13,12]		119
Re-184(n,p)W-184	TALYS-6a	0 [2]		100

Re-184(n,d)W-183g	TALYS-6a	0 [4,8]		61
Re-184(n,d)W-183m	TALYS-6a	0 [4,7,8,8]		60
Re-184(n,t)W-182	TALYS-6a	0 [8]		59
Re-184(n,h)Ta-182g	TALYS-6a	0 [4]		39
Re-184(n,h)Ta-182m	TALYS-6a	0 [4,7,8]		39
Re-184(n,h)Ta-182n	TALYS-6a	0 [4,7,8]		38
Re-184(n,a)Ta-181	TALYS-6a	0 [2]		100
Re-184(n,2p)Ta-183	TALYS-6a	0 [8]		40
Re-184(n,pd)Ta-182g	TALYS-6a	0 [4]		30
Re-184(n,pd)Ta-182m	TALYS-6a	0 [4,7,8]		29
Re-184(n,pd)Ta-182n	TALYS-6a	0 [4,7,8]		29
Re-184(n,da)Hf-179g	TALYS-6a	0 [4]		38
Re-184(n,da)Hf-179m	TALYS-6a	0 [4,7,8]		36
Re-184(n,da)Hf-179n	TALYS-6a	0 [4,7,8]		37
Re-184(n,5n)Re-180	TALYS-6a	0		16
Re-184(n,6n)Re-179	TALYS-6a	0		12
Re-184(n,2nt)W-180	TALYS-6a	0 [8]		26
Re-184(n,4np)W-180	TALYS-6a	0 [8]		19
Re-184(n,3nd)W-180	TALYS-6a	0 [8]		20
Re-184(n,n'da)Hf-178g	TALYS-6a	0 [4]		29
Re-184(n,n'da)Hf-178m	TALYS-6a	0 [4,7,8]		26
Re-184(n,n'da)Hf-178n	TALYS-6a	0 [4,7,8]		28
Re-184(n,2npa)Hf-178g	TALYS-6a	0 [4]		28
Re-184(n,2npa)Hf-178m	TALYS-6a	0 [4,7,8]		25
Re-184(n,2npa)Hf-178n	TALYS-6a	0 [4,7,8]		27
Re-184(n,5np)W-179g	TALYS-6a	0		14
Re-184(n,5np)W-179m	TALYS-6a	0		13
Re-184(n,6np)W-178	TALYS-6a	0 [8]		10
Re-184(n,4na)Ta-177	TALYS-6a	0 [8]		22
Re-184(n,5na)Ta-176	TALYS-6a	0 [8]		15
Re-184(n,6na)Ta-175	TALYS-6a	0 [8]		11
Re-184(n,4nd)W-179g	TALYS-6a	0		14
Re-184(n,4nd)W-179m	TALYS-6a	0		14
Re-184(n,5nd)W-178	TALYS-6a	0 [8]		11
Re-184(n,3nt)W-179g	TALYS-6a	0		18
Re-184(n,3nt)W-179m	TALYS-6a	0		17
Re-184(n,4nt)W-178	TALYS-6a	0 [8]		13
Re-184(n,2nh)Ta-180g	TALYS-6a	0		23
Re-184(n,2nh)Ta-180m	TALYS-6a	0		23
Re-184(n,3nh)Ta-179	TALYS-6a	0 [8]		16
Re-184(n,4nh)Ta-178g	TALYS-6a	0 [4,8]		12
Re-184(n,4nh)Ta-178m	TALYS-6a	0 [4,7,8,8]		11
Re-184(n,3n2p)Ta-180g	TALYS-6a	0		16
Re-184(n,3n2p)Ta-180m	TALYS-6a	0		16
Re-184(n,3n2a)Lu-174g	TALYS-6a	0		22
Re-184(n,3n2a)Lu-174m	TALYS-6a	0		23
Re-184(n,3npa)Hf-177g	TALYS-6a	0 [4,8]		20
Re-184(n,3npa)Hf-177m	TALYS-6a	0 [4,7,8,8]		19
Re-184(n,3npa)Hf-177n	TALYS-6a	0 [4,7,8,8]		19
Re-184(n,n'pd)Ta-181	TALYS-6a	0 [8]		24
Re-184(n,n'pt)Ta-180g	TALYS-6a	0		22
Re-184(n,n'pt)Ta-180m	TALYS-6a	0		22
Re-184(n,n'dt)Ta-179	TALYS-6a	0 [8]		16
Re-184(n,n'ta)Hf-177g	TALYS-6a	0 [4,8]		27
Re-184(n,n'ta)Hf-177m	TALYS-6a	0 [4,7,8,8]		26
Re-184(n,n'ta)Hf-177n	TALYS-6a	0 [4,7,8,8]		26
Re-184(n,2n2p)Ta-181	TALYS-6a	0 [8]		23
Re-184(n,4n2p)Ta-179	TALYS-6a	0 [8]		13
Re-184(n,4n2a)Lu-173	TALYS-6a	0 [8]		16
Re-184(n,4npa)Hf-176	TALYS-6a	0 [8]		15
Re-184m(n,n')Re-184g	TALYS-6a	0 [8]		98
Re-184m(n,2nd)W-181	TALYS-6a	0 [8]		27
Re-184m(n,2n)Re-183	TALYS-6a	0		54
Re-184m(n,3n)Re-182g	TALYS-6a	0 [4]		32
Re-184m(n,3n)Re-182m	TALYS-6a	0 [4,7,8]		31
Re-184m(n,n'a)Ta-180g	TALYS-6a	0		100
Re-184m(n,n'a)Ta-180m	TALYS-6a	0		100
Re-184m(n,2na)Ta-179	TALYS-6a	0 [8]		43
Re-184m(n,3na)Ta-178g	TALYS-6a	0 [4,8]		29
Re-184m(n,3na)Ta-178m	TALYS-6a	0 [4,7,8,8]		28
Re-184m(n,n'p)W-183g	TALYS-6a	0 [4,8]		54
Re-184m(n,n'p)W-183m	TALYS-6a	0 [4,7,8,8]		53
Re-184m(n,n'2a)Lu-176g	TALYS-6a	0		100
Re-184m(n,n'2a)Lu-176m	TALYS-6a	0		100
Re-184m(n,2n2a)Lu-175	TALYS-6a	0 [8]		31
Re-184m(n,n'd)W-182	TALYS-6a	0 [8]		39
Re-184m(n,n't)W-181	TALYS-6a	0 [8]		35
Re-184m(n,n'h)Ta-181	TALYS-6a	0 [8]		30
Re-184m(n,4n)Re-181	TALYS-6a	0		25
Re-184m(n,2np)W-182	TALYS-6a	0 [8]		37
Re-184m(n,3np)W-181	TALYS-6a	0 [8]		26
Re-184m(n,n'2p)Ta-182g	TALYS-6a	0 [4]		29
Re-184m(n,n'2p)Ta-182m	TALYS-6a	0 [4,7,8]		28
Re-184m(n,n'2p)Ta-182n	TALYS-6a	0 [4,7,8]		28
Re-184m(n,n'pa)Hf-179g	TALYS-6a	0 [4]		37
Re-184m(n,n'pa)Hf-179m	TALYS-6a	0 [4,7,8]		34
Re-184m(n,n'pa)Hf-179n	TALYS-6a	0 [4,7,8]		36
Re-184m(n,g)Re-185	MASGAM	0 [14,13]		83
Re-184m(n,p)W-184	TALYS-6a	0 [2]		100
Re-184m(n,d)W-183g	TALYS-6a	0 [4,8]		60
Re-184m(n,d)W-183m	TALYS-6a	0 [4,7,8,8]		59
Re-184m(n,t)W-182	TALYS-6a	0 [8]		58
Re-184m(n,h)Ta-182g	TALYS-6a	0 [4]		37
Re-184m(n,h)Ta-182m	TALYS-6a	0 [4,7,8]		37
Re-184m(n,h)Ta-182n	TALYS-6a	0 [4,7,8]		36
Re-184m(n,a)Ta-181	TALYS-6a	0 [2]		100
Re-184m(n,2p)Ta-183	TALYS-6a	0 [8]		40
Re-184m(n,pd)Ta-182g	TALYS-6a	0 [4]		30
Re-184m(n,pd)Ta-182m	TALYS-6a	0 [4,7,8]		29
Re-184m(n,pd)Ta-182n	TALYS-6a	0 [4,7,8]		29
Re-184m(n,da)Hf-179g	TALYS-6a	0 [4]		39
Re-184m(n,da)Hf-179m	TALYS-6a	0 [4,7,8]		36
Re-184m(n,da)Hf-179n	TALYS-6a	0 [4,7,8]		38
Re-184m(n,5n)Re-180	TALYS-6a	0		16
Re-184m(n,6n)Re-179	TALYS-6a	0		12
Re-184m(n,2nt)W-180	TALYS-6a	0 [8]		26
Re-184m(n,4np)W-180	TALYS-6a	0 [8]		19
Re-184m(n,3nd)W-180	TALYS-6a	0 [8]		21
Re-184m(n,n'da)Hf-178g	TALYS-6a	0 [4]		29
Re-184m(n,n'da)Hf-178m	TALYS-6a	0 [4,7,8]		27
Re-184m(n,n'da)Hf-178n	TALYS-6a	0 [4,7,8]		28
Re-184m(n,2npa)Hf-178g	TALYS-6a	0 [4]		28
Re-184m(n,2npa)Hf-178m	TALYS-6a	0 [4,7,8]		26
Re-184m(n,2npa)Hf-178n	TALYS-6a	0 [4,7,8]		27
Re-184m(n,5np)W-179g	TALYS-6a	0		14
Re-184m(n,5np)W-179m	TALYS-6a	0		14
Re-184m(n,6np)W-178	TALYS-6a	0 [8]		10
Re-184m(n,4na)Ta-177	TALYS-6a	0 [8]		22
Re-184m(n,5na)Ta-176	TALYS-6a	0 [8]		15
Re-184m(n,6na)Ta-175	TALYS-6a	0 [8]		12
Re-184m(n,4nd)W-179g	TALYS-6a	0		14
Re-184m(n,4nd)W-179m	TALYS-6a	0		14
Re-184m(n,5nd)W-178	TALYS-6a	0 [8]		11
Re-184m(n,3nt)W-179g	TALYS-6a	0		18
Re-184m(n,3nt)W-179m	TALYS-6a	0		17
Re-184m(n,4nt)W-178	TALYS-6a	0 [8]		13
Re-184m(n,2nh)Ta-180g	TALYS-6a	0		23
Re-184m(n,2nh)Ta-180m	TALYS-6a	0		23
Re-184m(n,3nh)Ta-179	TALYS-6a	0 [8]		16
Re-184m(n,4nh)Ta-178g	TALYS-6a	0 [4,8]		13
Re-184m(n,4nh)Ta-178m	TALYS-6a	0 [4,7,8,8]		12
Re-184m(n,3n2p)Ta-180g	TALYS-6a	0		16
Re-184m(n,3n2p)Ta-180m	TALYS-6a	0		16
Re-184m(n,3n2a)Lu-174g	TALYS-6a	0		22
Re-184m(n,3n2a)Lu-174m	TALYS-6a	0		23
Re-184m(n,3npa)Hf-177g	TALYS-6a	0 [4,8]		20
Re-184m(n,3npa)Hf-177m	TALYS-6a	0 [4,7,8,8]		19
Re-184m(n,3npa)Hf-177n	TALYS-6a	0 [4,7,8,8]		19
Re-184m(n,n'pd)Ta-181	TALYS-6a	0 [8]		24
Re-184m(n,n'pt)Ta-180g	TALYS-6a	0		22
Re-184m(n,n'pt)Ta-180m	TALYS-6a	0		22
Re-184m(n,n'dt)Ta-179	TALYS-6a	0 [8]		16
Re-184m(n,n'ta)Hf-177g	TALYS-6a	0 [4,8]		27
Re-184m(n,n'ta)Hf-177m	TALYS-6a	0 [4,7,8,8]		26
Re-184m(n,n'ta)Hf-177n	TALYS-6a	0 [4,7,8,8]		26
Re-184m(n,2n2p)Ta-181	TALYS-6a	0 [8]		23
Re-184m(n,4n2p)Ta-179	TALYS-6a	0 [8]		13
Re-184m(n,4n2a)Lu-173	TALYS-6a	0 [8]		16
Re-184m(n,4npa)Hf-176	TALYS-6a	0 [8]		15
Re-185(n,2nd)W-182	TALYS-6a	0		28
Re-185(n,2n)Re-184g	EFF-2.4	5 [13,4,3]		49
Re-185(n,2n)Re-184m	EFF-2.4	6 [13,4,7,8,3]		47
Re-185(n,3n)Re-183	TALYS-6a	5		33
Re-185(n,n'a)Ta-181	TALYS-6a	0		100
Re-185(n,2na)Ta-180g	TALYS-6a	0		41
Re-185(n,2na)Ta-180m	TALYS-6a	0		41
Re-185(n,3na)Ta-179	TALYS-6a	0 [8]		29
Re-185(n,n'p)W-184	TALYS-6a	0 [8]		53
Re-185(n,n'2a)Lu-177g	TALYS-6a	0 [4]		100
Re-185(n,n'2a)Lu-177m	TALYS-6a	0 [7,4,7]		100
+Re-185(n,n'2a)Lu-177n	TALYS-6a	0 [7,4,7,8,10,9,10,10		88
Re-185(n,2n2a)Lu-176g	TALYS-6a	0		29
Re-185(n,2n2a)Lu-176m	TALYS-6a	0		28
Re-185(n,n'd)W-183g	TALYS-6a	0 [4,8]		36
Re-185(n,n'd)W-183m	TALYS-6a	0 [4,7,8,8]		35
Re-185(n,n't)W-182	TALYS-6a	0 [8]		35
Re-185(n,n'h)Ta-182g	TALYS-6a	0 [4]		28
Re-185(n,n'h)Ta-182m	TALYS-6a	0 [4,7,8]		27
Re-185(n,n'h)Ta-182n	TALYS-6a	0 [4,7,8]		27
Re-185(n,4n)Re-182g	TALYS-6a	0 [4]		24
Re-185(n,4n)Re-182m	TALYS-6a	0 [4,7,8]		23
Re-185(n,2np)W-183g	TALYS-6a	0 [4,8]		33
Re-185(n,2np)W-183m	TALYS-6a	0 [4,7,8,8]		32
Re-185(n,3np)W-182	TALYS-6a	0 [8]		26
Re-185(n,n'2p)Ta-183	TALYS-6a	0 [8]		28
Re-185(n,n'pa)Hf-180g	TALYS-6a	0		35
Re-185(n,n'pa)Hf-180m	TALYS-6a	0		33
Re-185(n,g)Re-186g	LANL	4 [13]		2632
Re-185(n,g)Re-186m	LANL	2 [13,3]		2632
Re-185(n,p)W-185g	TALYS-6a	0 [2]		100
Re-185(n,p)W-185m	TALYS-5a	6		100
Re-185(n,d)W-184	TALYS-6a	0 [8]		59
Re-185(n,t)W-183g	TALYS-6a	0 [4,8]		51
Re-185(n,t)W-183m	TALYS-6a	0 [4,7,8,8]		50
Re-185(n,h)Ta-183	TALYS-6a	0 [8]		37
Re-185(n,a)Ta-182g	TALYS-6a	0 [9,4,2,3]		2618
Re-185(n,a)Ta-182m	TALYS-6a	0 [9,4,7,2,3]		2618
Re-185(n,a)Ta-182n	TALYS-6a	0 [7,4,7,2,3]		100
Re-185(n,2a)Lu-178g	TALYS-6a	0		100
Re-185(n,2a)Lu-178m	TALYS-6a	0		100
Re-185(n,2p)Ta-184	TALYS-6a	0 [8]		35
Re-185(n,pd)Ta-183	TALYS-6a	0 [8]		29
Re-185(n,5n)Re-181	TALYS-6a	0		17
Re-185(n,6n)Re-180	TALYS-6a	0		12
Re-185(n,2nt)W-181	TALYS-6a	0 [8]		25
Re-185(n,4np)W-181	TALYS-6a	0 [8]		18
Re-185(n,3nd)W-181	TALYS-6a	0 [8]		19
Re-185(n,n'da)Hf-179g	TALYS-6a	0 [4]		27
Re-185(n,n'da)Hf-179m	TALYS-6a	0 [4,7,8]		25
Re-185(n,n'da)Hf-179n	TALYS-6a	0 [4,7,8]		26
Re-185(n,2npa)Hf-179g	TALYS-6a	0 [4]		26
Re-185(n,2npa)Hf-179m	TALYS-6a	0 [4,7,8]		24
Re-185(n,2npa)Hf-179n	TALYS-6a	0 [4,7,8]		25
Re-185(n,7n)Re-179	TALYS-6a	0		9
Re-185(n,5np)W-180	TALYS-6a	0 [8]		14
Re-185(n,6np)W-179g	TALYS-6a	0		10
Re-185(n,6np)W-179m	TALYS-6a	0		10
Re-185(n,7np)W-178	TALYS-6a	0 [8]		6
Re-185(n,4na)Ta-178g	TALYS-6a	0 [4,8]		21
Re-185(n,4na)Ta-178m	TALYS-6a	0 [4,7,8,8]		20
Re-185(n,5na)Ta-177	TALYS-6a	0 [8]		15
Re-185(n,6na)Ta-176	TALYS-6a	0 [8]		11
Re-185(n,7na)Ta-175	TALYS-6a	0 [8]		7
Re-185(n,4nd)W-180	TALYS-6a	0 [8]		15
Re-185(n,5nd)W-179g	TALYS-6a	0		10
Re-185(n,5nd)W-179m	TALYS-6a	0		10
Re-185(n,6nd)W-178	TALYS-6a	0 [8]		7
Re-185(n,3nt)W-180	TALYS-6a	0 [8]		18

Reaction	Library	Flag	Refs	Value
Re-185(n,4nt)W-179g	TALYS-6a	0		13
Re-185(n,4nt)W-179m	TALYS-6a	0		13
Re-185(n,5nt)W-178	TALYS-6a	0	[8]	9
Re-185(n,2nh)Ta-181	TALYS-6a	0	[8]	22
Re-185(n,3nh)Ta-180g	TALYS-6a	0		16
Re-185(n,3nh)Ta-180m	TALYS-6a	0		16
Re-185(n,4nh)Ta-179	TALYS-6a	0	[8]	12
Re-185(n,3n2p)Ta-181	TALYS-6a	0	[8]	16
Re-185(n,3n2a)Lu-175	TALYS-6a	0	[8]	23
Re-185(n,3npa)Hf-178g	TALYS-6a	0	[4]	20
Re-185(n,3npa)Hf-178m	TALYS-6a	0	[4,7,8]	17
Re-185(n,3npa)Hf-178n	TALYS-6a	0	[4,7,8]	19
Re-185(n,n'pd)Ta-182g	TALYS-6a	0	[4]	22
Re-185(n,n'pd)Ta-182m	TALYS-6a	0	[4,7,8]	21
Re-185(n,n'pd)Ta-182n	TALYS-6a	0	[4,7,8]	21
Re-185(n,n'pt)Ta-181	TALYS-6a	0	[8]	22
Re-185(n,n'dt)Ta-180g	TALYS-6a	0		16
Re-185(n,n'dt)Ta-180m	TALYS-6a	0		16
Re-185(n,n'ta)Hf-178g	TALYS-6a	0	[4]	26
Re-185(n,n'ta)Hf-178m	TALYS-6a	0	[4,7,8]	24
Re-185(n,n'ta)Hf-178n	TALYS-6a	0	[4,7,8]	25
Re-185(n,2n2p)Ta-182g	TALYS-6a	0	[4]	21
Re-185(n,2n2p)Ta-182m	TALYS-6a	0	[4,7,8]	20
Re-185(n,2n2p)Ta-182n	TALYS-6a	0	[4,7,8]	20
Re-185(n,4n2p)Ta-180g	TALYS-6a	0		12
Re-185(n,4n2p)Ta-180m	TALYS-6a	0		12
Re-185(n,4n2a)Lu-174g	TALYS-6a	0		15
Re-185(n,4n2a)Lu-174m	TALYS-6a	0		15
Re-185(n,4npa)Hf-177g	TALYS-6a	0	[4,8]	14
Re-185(n,4npa)Hf-177m	TALYS-6a	0	[4,7,8,8]	13
Re-185(n,4npa)Hf-177n	TALYS-6a	0	[4,7,8,8]	13
Re-185(n,5n2p)Ta-179	TALYS-6a	0	[8]	9
Re-186(n,n')Re-186m	TALYS-6a	0		89
Re-186(n,2nd)W-183g	TALYS-6a	0		28
Re-186(n,2nd)W-183m	TALYS-6a	0		27
Re-186(n,2n)Re-185	TALYS-6a	0		54
Re-186(n,3n)Re-184g	TALYS-6a	0		34
Re-186(n,3n)Re-184m	TALYS-6a	0		33
Re-186(n,n'a)Ta-182g	TALYS-6a	0	[4]	100
Re-186(n,n'a)Ta-182m	TALYS-6a	0	[4,7]	100
Re-186(n,n'a)Ta-182n	TALYS-6a	0	[7,4,7]	100
Re-186(n,2na)Ta-181	TALYS-6a	0	[8]	43
Re-186(n,3na)Ta-180g	TALYS-6a	0		30
Re-186(n,3na)Ta-180m	TALYS-6a	0		30
Re-186(n,n'p)W-185g	TALYS-6a	0	[4,8]	50
Re-186(n,n'p)W-185m	TALYS-6a	0	[4,7,8,8]	49
Re-186(n,n'2a)Lu-178g	TALYS-6a	0		100
Re-186(n,n'2a)Lu-178m	TALYS-6a	0		100
Re-186(n,2n2a)Lu-177g	TALYS-6a	0	[4,8]	30
Re-186(n,2n2a)Lu-177m	TALYS-6a	0	[4,7,8,8]	29
+Re-186(n,2n2a)Lu-177n	TALYS-6a	0	[4,7,8,8]	29
Re-186(n,n'd)W-184	TALYS-6a	0	[8]	38
Re-186(n,n't)W-183g	TALYS-6a	0		35
Re-186(n,n't)W-183m	TALYS-6a	0		35
Re-186(n,n'h)Ta-183	TALYS-6a	0	[8]	29
Re-186(n,4n)Re-183	TALYS-6a	0		26
Re-186(n,2np)W-184	TALYS-6a	0		36
Re-186(n,3np)W-183g	TALYS-6a	0		26
Re-186(n,3np)W-183m	TALYS-6a	0		26
Re-186(n,n'2p)Ta-184	TALYS-6a	0	[8]	27
Re-186(n,n'pa)Hf-181	TALYS-6a	0		34
Re-186(n,g)Re-187	MASGAM	2	[14,13]	83
Re-186(n,p)W-186	TALYS-6a	0	[2]	100
Re-186(n,d)W-185g	TALYS-6a	0	[4,8]	57
Re-186(n,d)W-185m	TALYS-6a	0	[4,7,8,8]	56
Re-186(n,t)W-184	TALYS-6a	0	[8]	58
Re-186(n,h)Ta-184	TALYS-6a	0	[8]	37
Re-186(n,a)Ta-183	TALYS-6a	0	[2]	100
Re-186(n,2p)Ta-185	TALYS-6a	0	[8]	36
Re-186(n,pd)Ta-184	TALYS-6a	0	[8]	28
Re-186(n,da)Hf-181	TALYS-6a	0	[8]	36
Re-186(n,5n)Re-182g	TALYS-6a	0	[4]	18
Re-186(n,5n)Re-182m	TALYS-6a	0	[4,7,8]	17
Re-186(n,6n)Re-181	TALYS-6a	0		14
Re-186(n,2nt)W-182	TALYS-6a	0	[8]	27
Re-186(n,4np)W-182	TALYS-6a	0	[8]	20
Re-186(n,3nd)W-182	TALYS-6a	0	[8]	21
Re-186(n,n'da)Hf-180g	TALYS-6a	0		28
Re-186(n,n'da)Hf-180m	TALYS-6a	0		27
Re-186(n,2npa)Hf-180g	TALYS-6a	0		27
Re-186(n,2npa)Hf-180m	TALYS-6a	0		26
Re-186(n,7n)Re-180	TALYS-6a	0		9
Re-186(n,5np)W-181	TALYS-6a	0	[8]	14
Re-186(n,6np)W-180	TALYS-6a	0		11
Re-186(n,7np)W-179g	TALYS-6a	0		7
Re-186(n,7np)W-179m	TALYS-6a	0		7
Re-186(n,4na)Ta-179	TALYS-6a	0	[8]	23
Re-186(n,5na)Ta-178g	TALYS-6a	0	[4,8]	15
Re-186(n,5na)Ta-178m	TALYS-6a	0	[4,7,8,8]	14
Re-186(n,6na)Ta-177	TALYS-6a	0	[8]	12
Re-186(n,7na)Ta-176	TALYS-6a	0	[8]	8
Re-186(n,4nd)W-181	TALYS-6a	0	[8]	15
Re-186(n,5nd)W-180	TALYS-6a	0	[8]	11
Re-186(n,6nd)W-179g	TALYS-6a	0		7
Re-186(n,6nd)W-179m	TALYS-6a	0		7
Re-186(n,3nt)W-181	TALYS-6a	0	[8]	19
Re-186(n,4nt)W-180	TALYS-6a	0	[8]	14
Re-186(n,5nt)W-179g	TALYS-6a	0		10
Re-186(n,5nt)W-179m	TALYS-6a	0		10
Re-186(n,6nt)W-178	TALYS-6a	0	[8]	6
Re-186(n,2nh)Ta-182g	TALYS-6a	0	[4]	22
Re-186(n,2nh)Ta-182m	TALYS-6a	0	[4,7,8]	21
Re-186(n,2nh)Ta-182n	TALYS-6a	0	[4,7,8]	21
Re-186(n,3nh)Ta-181	TALYS-6a	0	[8]	17
Re-186(n,4nh)Ta-180g	TALYS-6a	0		12
Re-186(n,4nh)Ta-180m	TALYS-6a	0		12
Re-186(n,3n2p)Ta-182g	TALYS-6a	0	[4]	15
Re-186(n,3n2p)Ta-182m	TALYS-6a	0	[4,7,8]	15
Re-186(n,3n2p)Ta-182n	TALYS-6a	0	[4,7,8]	14
Re-186(n,3n2a)Lu-176g	TALYS-6a	0		22
Re-186(n,3n2a)Lu-176m	TALYS-6a	0		21
Re-186(n,3npa)Hf-179g	TALYS-6a	0	[4]	19
Re-186(n,3npa)Hf-179m	TALYS-6a	0	[4,7,8]	18
Re-186(n,3npa)Hf-179n	TALYS-6a	0	[4,7,8]	18
Re-186(n,n'pd)Ta-183	TALYS-6a	0	[8]	23
Re-186(n,n'pt)Ta-182g	TALYS-6a	0	[4]	21
Re-186(n,n'pt)Ta-182m	TALYS-6a	0	[4,7,8]	20
Re-186(n,n'pt)Ta-182n	TALYS-6a	0	[4,7,8]	20
Re-186(n,n'dt)Ta-181	TALYS-6a	0	[8]	16
Re-186(n,n'ta)Hf-179g	TALYS-6a	0	[4]	26
Re-186(n,n'ta)Hf-179m	TALYS-6a	0	[4,7,8]	24
Re-186(n,n'ta)Hf-179n	TALYS-6a	0	[4,7,8]	25
Re-186(n,2n2p)Ta-183	TALYS-6a	0	[8]	21
Re-186(n,4n2p)Ta-181	TALYS-6a	0	[8]	13
Re-186(n,4n2a)Lu-175	TALYS-6a	0	[8]	16
Re-186(n,4npa)Hf-178g	TALYS-6a	0	[4]	15
Re-186(n,4npa)Hf-178m	TALYS-6a	0	[4,7,8]	13
Re-186(n,4npa)Hf-178n	TALYS-6a	0	[4,7,8]	14
Re-186(n,3n2pa)Lu-178g	TALYS-6	0		14
Re-186(n,3n2pa)Lu-178m	TALYS-6	0		14
Re-186(n,5n2p)Ta-180g	TALYS-6a	0		9
Re-186(n,5n2p)Ta-180m	TALYS-6a	0		9
Re-186m(n,n')Re-186g	TALYS-6a	0	[8]	97
Re-186m(n,2nd)W-183g	TALYS-6a	0		28
Re-186m(n,2nd)W-183m	TALYS-6a	0		27
Re-186m(n,2n)Re-185	TALYS-6a	0		55
Re-186m(n,3n)Re-184g	TALYS-6a	0		34
Re-186m(n,3n)Re-184m	TALYS-6a	0		34
Re-186m(n,n'a)Ta-182g	TALYS-6a	0	[4]	100
Re-186m(n,n'a)Ta-182m	TALYS-6a	0	[4,7]	100
Re-186m(n,n'a)Ta-182n	TALYS-6a	0	[7,4,7]	100
Re-186m(n,2na)Ta-181	TALYS-6a	0	[8]	44
Re-186m(n,3na)Ta-180g	TALYS-6a	0		30
Re-186m(n,3na)Ta-180m	TALYS-6a	0		30
Re-186m(n,n'p)W-185g	TALYS-6a	0	[4,8]	50
Re-186m(n,n'p)W-185m	TALYS-6a	0	[4,7,8,8]	49
Re-186m(n,n'2a)Lu-178g	TALYS-6a	0		100
Re-186m(n,n'2a)Lu-178m	TALYS-6a	0		100
Re-186m(n,2n2a)Lu-177g	TALYS-6a	0	[4,8]	30
Re-186m(n,2n2a)Lu-177m	TALYS-6a	0	[4,7,8,8]	29
+Re-186m(n,2n2a)Lu-177n	TALYS-6a	0	[4,7,8,8]	29
Re-186m(n,n'd)W-184	TALYS-6a	0	[8]	38
Re-186m(n,n't)W-183g	TALYS-6a	0		36
Re-186m(n,n't)W-183m	TALYS-6a	0		35
Re-186m(n,n'h)Ta-183	TALYS-6a	0	[8]	29
Re-186m(n,4n)Re-183	TALYS-6a	0		26
Re-186m(n,2np)W-184	TALYS-6a	0	[8]	36
Re-186m(n,3np)W-183g	TALYS-6a	0		26
Re-186m(n,3np)W-183m	TALYS-6a	0		26
Re-186m(n,n'2p)Ta-184	TALYS-6a	0	[8]	27
Re-186m(n,n'pa)Hf-181	TALYS-6a	0	[8]	34
Re-186m(n,g)Re-187	MASGAM	0	[14,13]	83
Re-186m(n,p)W-186	TALYS-6a	0	[2]	100
Re-186m(n,d)W-185g	TALYS-6a	0	[4,8]	57
Re-186m(n,d)W-185m	TALYS-6a	0	[4,7,8,8]	56
Re-186m(n,t)W-184	TALYS-6a	0	[8]	56
Re-186m(n,h)Ta-184	TALYS-6a	0	[8]	34
Re-186m(n,a)Ta-183	TALYS-6a	0	[2]	100
Re-186m(n,2p)Ta-185	TALYS-6a	0	[8]	36
Re-186m(n,pd)Ta-184	TALYS-6a	0	[8]	28
Re-186m(n,da)Hf-181	TALYS-6a	0	[8]	36
Re-186m(n,5n)Re-182g	TALYS-6a	0	[4]	18
Re-186m(n,5n)Re-182m	TALYS-6a	0	[4,7,8]	17
Re-186m(n,6n)Re-181	TALYS-6a	0		14
Re-186m(n,2nt)W-182	TALYS-6a	0	[8]	27
Re-186m(n,4np)W-182	TALYS-6a	0	[8]	20
Re-186m(n,3nd)W-182	TALYS-6a	0	[8]	21
Re-186m(n,n'da)Hf-180g	TALYS-6a	0		28
Re-186m(n,n'da)Hf-180m	TALYS-6a	0		27
Re-186m(n,2npa)Hf-180g	TALYS-6a	0		27
Re-186m(n,2npa)Hf-180m	TALYS-6a	0		26
Re-186m(n,7n)Re-180	TALYS-6a	0		9
Re-186m(n,8n)Re-179	TALYS-6a	0		6
Re-186m(n,5np)W-181	TALYS-6a	0	[8]	14
Re-186m(n,6np)W-180	TALYS-6a	0	[8]	11
Re-186m(n,7np)W-179g	TALYS-6a	0		7
Re-186m(n,7np)W-179m	TALYS-6a	0		7
Re-186m(n,4na)Ta-179	TALYS-6a	0	[8]	23
Re-186m(n,5na)Ta-178g	TALYS-6a	0	[4,8]	15
Re-186m(n,5na)Ta-178m	TALYS-6a	0	[4,7,8,8]	14
Re-186m(n,6na)Ta-177	TALYS-6a	0	[8]	12
Re-186m(n,7na)Ta-176	TALYS-6a	0	[8]	8
Re-186m(n,4nd)W-181	TALYS-6a	0	[8]	15
Re-186m(n,5nd)W-180	TALYS-6a	0	[8]	12
Re-186m(n,6nd)W-179g	TALYS-6a	0		7
Re-186m(n,6nd)W-179m	TALYS-6a	0		7
Re-186m(n,3nt)W-181	TALYS-6a	0	[8]	19
Re-186m(n,4nt)W-180	TALYS-6a	0	[8]	14
Re-186m(n,5nt)W-179g	TALYS-6a	0		10
Re-186m(n,5nt)W-179m	TALYS-6a	0		10
Re-186m(n,6nt)W-178	TALYS-6a	0	[8]	6
Re-186m(n,2nh)Ta-182g	TALYS-6a	0	[4]	22
Re-186m(n,2nh)Ta-182m	TALYS-6a	0	[4,7,8]	21
Re-186m(n,2nh)Ta-182n	TALYS-6a	0	[4,7,8]	21
Re-186m(n,3nh)Ta-181	TALYS-6a	0	[8]	17
Re-186m(n,4nh)Ta-180g	TALYS-6a	0		13
Re-186m(n,4nh)Ta-180m	TALYS-6a	0		13
Re-186m(n,3n2p)Ta-182g	TALYS-6a	0	[4]	16
Re-186m(n,3n2p)Ta-182m	TALYS-6a	0	[4,7,8]	15
Re-186m(n,3n2p)Ta-182n	TALYS-6a	0	[4,7,8]	15
Re-186m(n,3n2a)Lu-176g	TALYS-6a	0		23
Re-186m(n,3n2a)Lu-176m	TALYS-6a	0		22
Re-186m(n,3npa)Hf-179g	TALYS-6a	0	[4]	20
Re-186m(n,3npa)Hf-179m	TALYS-6a	0	[4,7,8]	18
Re-186m(n,3npa)Hf-179n	TALYS-6a	0	[4,7,8]	19
Re-186m(n,n'pd)Ta-183	TALYS-6a	0	[8]	23
Re-186m(n,n'pt)Ta-182g	TALYS-6a	0	[4]	21
Re-186m(n,n'pt)Ta-182m	TALYS-6a	0	[4,7,8]	21

Re-186m(n,n'pt)Ta-182n	TALYS-6a	0 [4,7,8]		20
Re-186m(n,n'dt)Ta-181	TALYS-6a	0 [8]		16
Re-186m(n,n'ta)Hf-179g	TALYS-6a	0 [4]		27
Re-186m(n,n'ta)Hf-179m	TALYS-6a	0 [4,7,8]		25
Re-186m(n,n'ta)Hf-179n	TALYS-6a	0 [4,7,8]		26
Re-186m(n,2n2p)Ta-183	TALYS-6a	0 [8]		22
Re-186m(n,4n2p)Ta-181	TALYS-6a	0 [8]		13
Re-186m(n,4n2a)Lu-175	TALYS-6a	0 [8]		16
Re-186m(n,4npa)Hf-178g	TALYS-6a	0 [4]		15
Re-186m(n,4npa)Hf-178m	TALYS-6a	0 [4,7,8]		13
Re-186m(n,4npa)Hf-178n	TALYS-6a	0 [4,7,8]		14
Re-186m(n,3n2pa)Lu-178g	TALYS-6	0		14
Re-186m(n,3n2pa)Lu-178m	TALYS-6	0		14
Re-186m(n,5n2p)Ta-180g	TALYS-6a	0		9
Re-186m(n,5n2p)Ta-180m	TALYS-6a	0		9
Re-187(n,2nd)W-184	TALYS-6a	0 [8]		28
>Re-187(n,2n)Re-186g	EFF-2.4	6 [13,4,3]		52
Re-187(n,2n)Re-186m	CRP	4 [13,4,7,8,3,8]		41
Re-187(n,3n)Re-185	TALYS-6a	0		34
Re-187(n,n'a)Ta-183	TALYS-6a	0		100
Re-187(n,2na)Ta-182g	TALYS-6a	0 [4]		41
Re-187(n,2na)Ta-182m	TALYS-6a	0 [4,7,8]		40
Re-187(n,2na)Ta-182n	TALYS-6a	0 [4,7,8]		40
Re-187(n,3na)Ta-181	TALYS-6a	0		30
Re-187(n,n'p)W-186	TALYS-6a	0 [8]		49
Re-187(n,2n2a)Lu-178g	TALYS-6a	0		27
Re-187(n,2n2a)Lu-178m	TALYS-6a	0		28
Re-187(n,n'd)W-185g	TALYS-6a	0 [4,8]		35
Re-187(n,n'd)W-185m	TALYS-6a	0 [4,7,8,8]		34
Re-187(n,n't)W-184	TALYS-6a	0 [8]		35
Re-187(n,n'h)Ta-184	TALYS-6a	0 [8]		27
Re-187(n,4n)Re-184g	TALYS-6a	0		25
Re-187(n,4n)Re-184m	TALYS-6a	0		25
Re-187(n,2np)W-185g	TALYS-6a	0 [4,8]		32
Re-187(n,2np)W-185m	TALYS-6a	0 [4,7,8,8]		31
Re-187(n,3np)W-184	TALYS-6a	0 [8]		26
Re-187(n,n'2p)Ta-185	TALYS-6a	0 [8]		26
Re-187(n,n'pa)Hf-182g	TALYS-6a	0		32
Re-187(n,n'pa)Hf-182m	TALYS-6a	0		31
>Re-187(n,g)Re-188g	JEF-2.2	4 [14,13,4,6]		4433
>Re-187(n,g)Re-188m	JEF-2.2	6 [14,13,4,6,3]		4433
Re-187(n,p)W-187	ADL-3	6 [13]		44
Re-187(n,d)W-186	TALYS-6a	0 [8]		56
Re-187(n,t)W-185g	TALYS-6a	0 [4,8]		49
Re-187(n,t)W-185m	TALYS-6a	0 [4,7,8,8]		48
Re-187(n,h)Ta-185	TALYS-6a	1 [8]		36
Re-187(n,a)Ta-184	TALYS-5	6 [9,3,3]		5456
Re-187(n,2p)Ta-186	TALYS-6a	0 [8]		29
Re-187(n,pd)Ta-185	TALYS-6a	0 [8]		27
Re-187(n,5n)Re-183	TALYS-6a	0		19
Re-187(n,6n)Re-182g	TALYS-6a	0 [4]		13
Re-187(n,6n)Re-182m	TALYS-6a	0 [4,7,8]		12
Re-187(n,2nt)W-183g	TALYS-6a	0		26
Re-187(n,2nt)W-183m	TALYS-6a	0		26
Re-187(n,4np)W-183g	TALYS-6a	0		19
Re-187(n,4np)W-183m	TALYS-6a	0		18
Re-187(n,3nd)W-183g	TALYS-6a	0		20
Re-187(n,3nd)W-183m	TALYS-6a	0		20
Re-187(n,n'da)Hf-181	TALYS-6a	0 [8]		26
Re-187(n,2npa)Hf-181	TALYS-6a	0 [8]		25
Re-187(n,7n)Re-181	TALYS-6a	0		10
Re-187(n,8n)Re-180	TALYS-6a	0		5
Re-187(n,5np)W-182	TALYS-6a	0 [8]		14
Re-187(n,6np)W-181	TALYS-6a	0		11
Re-187(n,7np)W-180	TALYS-6a	0 [8]		7
Re-187(n,4na)Ta-180g	TALYS-6a	0		22
Re-187(n,4na)Ta-180m	TALYS-6a	0		22
Re-187(n,5na)Ta-179	TALYS-6a	0 [8]		16
Re-187(n,6na)Ta-178g	TALYS-6a	0 [4,8]		11
Re-187(n,6na)Ta-178m	TALYS-6a	0 [4,7,8,8]		10
Re-187(n,7na)Ta-177	TALYS-6a	0 [8]		8
Re-187(n,4nd)W-182	TALYS-6a	0 [8]		15
Re-187(n,5nd)W-181	TALYS-6a	0 [8]		11
Re-187(n,6nd)W-180	TALYS-6a	0 [8]		8
Re-187(n,3nt)W-182	TALYS-6a	0 [8]		19
Re-187(n,4nt)W-181	TALYS-6a	0 [8]		14
Re-187(n,5nt)W-180	TALYS-6a	0 [8]		10
Re-187(n,6nt)W-179g	TALYS-6a	0		6
Re-187(n,6nt)W-179m	TALYS-6a	0		6
Re-187(n,2nh)Ta-183	TALYS-6a	0 [8]		22
Re-187(n,3nh)Ta-182g	TALYS-6a	0 [4]		16
Re-187(n,3nh)Ta-182m	TALYS-6a	0 [4,7,8]		15
Re-187(n,3nh)Ta-182n	TALYS-6a	0 [4,7,8]		15
Re-187(n,4nh)Ta-181	TALYS-6a	0 [8]		13
Re-187(n,3n2p)Ta-183	TALYS-6a	0 [8]		15
Re-187(n,3n2a)Lu-177g	TALYS-6a	0 [4,8]		21
Re-187(n,3n2a)Lu-177m	TALYS-6a	0 [4,7,8,8]		20
+Re-187(n,3n2a)Lu-177n	TALYS-6a	0 [4,7,8,8]		20
Re-187(n,3npa)Hf-180g	TALYS-6a	0		19
Re-187(n,3npa)Hf-180m	TALYS-6a	0		18
Re-187(n,n'pd)Ta-184	TALYS-6a	0 [8]		21
Re-187(n,n'pt)Ta-183	TALYS-6a	0 [8]		21
Re-187(n,n'ta)Hf-180g	TALYS-6a	0		26
Re-187(n,n'ta)Hf-180m	TALYS-6a	0		25
Re-187(n,2n2p)Ta-184	TALYS-6a	0 [8]		19
Re-187(n,4n2p)Ta-182g	TALYS-6a	0 [4]		12
Re-187(n,4n2p)Ta-182m	TALYS-6a	0 [4,7,8]		11
Re-187(n,4n2p)Ta-182n	TALYS-6a	0 [4,7,8]		11
Re-187(n,4n2a)Lu-176g	TALYS-6a	0		15
Re-187(n,4n2a)Lu-176m	TALYS-6a	0		15
Re-187(n,4npa)Hf-179g	TALYS-6a	0 [4]		14
Re-187(n,4npa)Hf-179m	TALYS-6a	0 [4,7,8]		13
Re-187(n,4npa)Hf-179n	TALYS-6a	0 [4,7,8]		13
Re-187(n,5n2p)Ta-181	TALYS-6a	0 [8]		9
Re-188(n,n')Re-188m	TALYS-6a	0		89
Re-188(n,2nd)W-185g	TALYS-6a	0		28
Re-188(n,2nd)W-185m	TALYS-6a	0		27
Re-188(n,2n)Re-187	TALYS-6a	0		56
Re-188(n,3n)Re-186g	TALYS-6a	0		35
Re-188(n,3n)Re-186m	TALYS-6a	0		35
Re-188(n,n'a)Ta-184	TALYS-6a	0		100
Re-188(n,2na)Ta-183	TALYS-6a	0 [8]		43
Re-188(n,3na)Ta-182g	TALYS-6a	0 [4]		30
Re-188(n,3na)Ta-182m	TALYS-6a	0 [4,7,8]		29
Re-188(n,3na)Ta-182n	TALYS-6a	0 [4,7,8]		29
Re-188(n,n'p)W-187	TALYS-6a	0 [8]		47
Re-188(n,2n2a)Lu-179	TALYS-6a	0 [8]		29
Re-188(n,n'd)W-186	TALYS-6a	0 [8]		38
Re-188(n,n't)W-185g	TALYS-6a	0		35
Re-188(n,n't)W-185m	TALYS-6a	0		35
Re-188(n,n'h)Ta-185	TALYS-6a	0 [8]		28
Re-188(n,4n)Re-185	TALYS-6a	0		27
Re-188(n,2np)W-186	TALYS-6a	0 [8]		35
Re-188(n,3np)W-185g	TALYS-6a	0		26
Re-188(n,3np)W-185m	TALYS-6a	0		26
Re-188(n,n'2p)Ta-186	TALYS-6a	0 [8]		25
Re-188(n,n'pa)Hf-183	TALYS-6a	0 [8]		31
Re-188(n,g)Re-189	MASGAM	2 [14,13]		83
Re-188(n,p)W-188	TALYS-6a	0 [2]		100
Re-188(n,d)W-187	TALYS-6a	0 [8]		54
Re-188(n,t)W-186	TALYS-6a	0 [8]		56
Re-188(n,h)Ta-186	TALYS-6a	0 [8]		31
Re-188(n,a)Ta-185	TALYS-6a	0 [2]		100
Re-188(n,2p)Ta-187	TALYS-6a	0 [8]		29
Re-188(n,pd)Ta-186	TALYS-6a	0 [8]		26
Re-188(n,5n)Re-184g	TALYS-6a	0		19
Re-188(n,5n)Re-184m	TALYS-6a	0		19
Re-188(n,6n)Re-183	TALYS-6a	0		15
Re-188(n,2nt)W-184	TALYS-6a	0 [8]		27
Re-188(n,4np)W-184	TALYS-6a	0 [8]		20
Re-188(n,3nd)W-184	TALYS-6a	0 [8]		22
Re-188(n,2npa)Hf-182g	TALYS-6a	0		26
Re-188(n,2npa)Hf-182m	TALYS-6a	0		24
Re-188(n,7n)Re-182g	TALYS-6a	0 [4]		10
Re-188(n,7n)Re-182m	TALYS-6a	0 [4,7,8]		9
Re-188(n,8n)Re-181	TALYS-6a	0		7
Re-188(n,5np)W-183g	TALYS-6a	0		15
Re-188(n,5np)W-183m	TALYS-6a	0		14
Re-188(n,6np)W-182	TALYS-6a	0 [8]		11
Re-188(n,7np)W-181	TALYS-6a	0		8
Re-188(n,4na)Ta-181	TALYS-6a	0 [8]		24
Re-188(n,5na)Ta-180g	TALYS-6a	0		16
Re-188(n,5na)Ta-180m	TALYS-6a	0		16
Re-188(n,6na)Ta-179	TALYS-6a	0 [8]		13
Re-188(n,7na)Ta-178g	TALYS-6a	0 [4,8]		8
Re-188(n,7na)Ta-178m	TALYS-6a	0 [4,7,8,8]		7
Re-188(n,4nd)W-183g	TALYS-6a	0		15
Re-188(n,4nd)W-183m	TALYS-6a	0		15
Re-188(n,5nd)W-182	TALYS-6a	0 [8]		12
Re-188(n,6nd)W-181	TALYS-6a	0 [8]		8
Re-188(n,3nt)W-183g	TALYS-6a	0		20
Re-188(n,3nt)W-183m	TALYS-6a	0		19
Re-188(n,4nt)W-182	TALYS-6a	0 [8]		15
Re-188(n,5nt)W-181	TALYS-6a	0 [8]		11
Re-188(n,6nt)W-180	TALYS-6a	0 [8]		7
Re-188(n,2nh)Ta-184	TALYS-6a	0 [8]		22
Re-188(n,3nh)Ta-183	TALYS-6a	0 [8]		16
Re-188(n,4nh)Ta-182g	TALYS-6a	0 [4]		13
Re-188(n,4nh)Ta-182m	TALYS-6a	0 [4,7,8]		12
Re-188(n,4nh)Ta-182n	TALYS-6a	0 [4,7,8]		12
Re-188(n,3n2p)Ta-184	TALYS-6a	0 [8]		15
Re-188(n,3n2a)Lu-178g	TALYS-6a	0		20
Re-188(n,3n2a)Lu-178m	TALYS-6a	0		21
Re-188(n,3npa)Hf-181	TALYS-6a	0 [8]		19
Re-188(n,n'pd)Ta-185	TALYS-6a	0 [8]		21
Re-188(n,2n2p)Ta-185	TALYS-6a	0 [8]		20
Re-188(n,4n2p)Ta-183	TALYS-6a	0 [8]		12
Re-188(n,4n2a)Lu-177g	TALYS-6a	0 [4,8]		16
Re-188(n,4n2a)Lu-177m	TALYS-6a	0 [4,7,8,8]		15
+Re-188(n,4n2a)Lu-177n	TALYS-6a	0 [4,7,8,8]		15
Re-188(n,4npa)Hf-180g	TALYS-6a	0		15
Re-188(n,4npa)Hf-180m	TALYS-6a	0		14
Re-188(n,5n2p)Ta-182g	TALYS-6a	0 [4]		9
Re-188(n,5n2p)Ta-182m	TALYS-6a	0 [4,7,8]		8
Re-188(n,5n2p)Ta-182n	TALYS-6a	0 [4,7,8]		8
Re-189(n,2nd)W-186	TALYS-6a	0 [8]		28
Re-189(n,2n)Re-188g	TALYS-6a	0		50
Re-189(n,2n)Re-188m	TALYS-6a	0		49
Re-189(n,3n)Re-187	TALYS-6a	0		36
Re-189(n,n'a)Ta-185	TALYS-6a	0		100
Re-189(n,2na)Ta-184	TALYS-6a	0 [8]		40
Re-189(n,3na)Ta-183	TALYS-6a	0 [8]		30
Re-189(n,n'p)W-188	TALYS-6a	0 [8]		45
+Re-189(n,2n2a)Lu-180g	TALYS-6a	0 [4,8]		26
+Re-189(n,2n2a)Lu-180m	TALYS-6a	0 [4,7,8,8]		25
Re-189(n,n'd)W-187	TALYS-6a	0 [8]		35
Re-189(n,n't)W-186	TALYS-6a	0 [8]		35
Re-189(n,n'h)Ta-186	TALYS-6a	0 [8]		26
Re-189(n,4n)Re-186g	TALYS-6a	0		26
Re-189(n,4n)Re-186m	TALYS-6a	0		26
Re-189(n,2np)W-187	TALYS-6a	0 [8]		32
Re-189(n,3np)W-186	TALYS-6a	0 [8]		26
Re-189(n,n'2p)Ta-187	TALYS-6a	0 [8]		24
Re-189(n,n'pa)Hf-184g	TALYS-6a	0 [4,8]		30
Re-189(n,n'pa)Hf-184m	TALYS-6a	0 [4,7,8,8]		29
Re-189(n,g)Re-190g	MASGAM	0 [14,13,4,6]		83
Re-189(n,g)Re-190m	MASGAM	0 [14,13,4,6]		83
Re-189(n,p)W-189	TALYS-6a	0 [2,8]		71
Re-189(n,d)W-188	TALYS-6a	0 [8]		53
Re-189(n,t)W-187	TALYS-6a	0 [8]		48
Re-189(n,h)Ta-187	TALYS-6a	0 [8]		30
Re-189(n,a)Ta-186	TALYS-6a	0 [2]		100
Re-189(n,2p)Ta-188	TALYS-6a	0 [8,7,8]		26
Re-189(n,pd)Ta-187	TALYS-6a	0 [8]		25
Re-189(n,5n)Re-185	TALYS-6a	0		20
Re-189(n,6n)Re-184g	TALYS-6a	0		14
Re-189(n,6n)Re-184m	TALYS-6a	0		14
Re-189(n,2nt)W-185g	TALYS-6a	0		26

Reaction	Code	Flag	Refs	Value
Re-189(n,2nt)W-185m	TALYS-6a	0		26
Re-189(n,4np)W-185g	TALYS-6a	0		19
Re-189(n,4np)W-185m	TALYS-6a	0		19
Re-189(n,3nd)W-185g	TALYS-6a	0		20
Re-189(n,3nd)W-185m	TALYS-6a	0		20
Re-189(n,2npa)Hf-183	TALYS-6a	0	[8]	24
Re-189(n,7n)Re-183	TALYS-6a	0		11
Re-189(n,8n)Re-182g	TALYS-6a	0	[4]	7
Re-189(n,8n)Re-182m	TALYS-6a	0	[4,7,8]	6
Re-189(n,5np)W-184	TALYS-6a	0		15
Re-189(n,6np)W-183g	TALYS-6a	0		11
Re-189(n,6np)W-183m	TALYS-6a	0		11
Re-189(n,7np)W-182	TALYS-6a	0		8
Re-189(n,4na)Ta-182g	TALYS-6a	0	[4]	23
Re-189(n,4na)Ta-182m	TALYS-6a	0	[4,7,8]	22
Re-189(n,4na)Ta-182n	TALYS-6a	0	[4,7,8]	22
Re-189(n,5na)Ta-181	TALYS-6a	0	[8]	17
Re-189(n,6na)Ta-180g	TALYS-6a	0		13
Re-189(n,6na)Ta-180m	TALYS-6a	0		13
Re-189(n,7na)Ta-179	TALYS-6a	0	[8]	9
Re-189(n,4nd)W-184	TALYS-6a	0	[8]	15
Re-189(n,5nd)W-183g	TALYS-6a	0		12
Re-189(n,5nd)W-183m	TALYS-6a	0		12
Re-189(n,6nd)W-182	TALYS-6a	0	[8]	9
Re-189(n,3nt)W-184	TALYS-6a	0	[8]	20
Re-189(n,4nt)W-183g	TALYS-6a	0		14
Re-189(n,4nt)W-183m	TALYS-6a	0		14
Re-189(n,5nt)W-182	TALYS-6a	0	[8]	11
Re-189(n,6nt)W-181	TALYS-6a	0	[8]	7
Re-189(n,2nh)Ta-185	TALYS-6a	0	[8]	21
Re-189(n,3nh)Ta-184	TALYS-6a	0	[8]	16
Re-189(n,4nh)Ta-183	TALYS-6a	0	[8]	13
Re-189(n,3n2p)Ta-185	TALYS-6a	0	[8]	15
Re-189(n,3n2a)Lu-179	TALYS-6a	0	[8]	21
Re-189(n,3npa)Hf-182g	TALYS-6a	0		18
Re-189(n,3npa)Hf-182m	TALYS-6a	0		17
Re-189(n,n'pd)Ta-186	TALYS-6a	0	[8]	20
Re-189(n,2n2p)Ta-186	TALYS-6a	0	[8]	18
Re-189(n,4n2p)Ta-184	TALYS-6a	0	[8]	11
Re-189(n,4n2a)Lu-178g	TALYS-6a	0		14
Re-189(n,4n2a)Lu-178m	TALYS-6a	0		15
Re-189(n,4npa)Hf-181	TALYS-6a	0	[8]	14
Re-189(n,5n2p)Ta-183	TALYS-6a	0	[8]	9
Os-182(n,2nd)Re-179	TALYS-6a	0	[8]	25
Os-182(n,2n)Os-181g	TALYS-6a	0		43
Os-182(n,2n)Os-181m	TALYS-6a	0		43
Os-182(n,3n)Os-180	TALYS-6a	0		30
Os-182(n,n'a)W-178	TALYS-6a	0		100
Os-182(n,n'3a)Yb-170	TALYS-6a	0		100
Os-182(n,2na)W-177	TALYS-6a	0	[8]	41
Os-182(n,3na)W-176	TALYS-6a	0	[8]	29
Os-182(n,n'p)Re-181	TALYS-6a	0	[8]	53
Os-182(n,n'2a)Hf-174	TALYS-6a	0		100
Os-182(n,2n2a)Hf-173	TALYS-6a	0	[8]	31
Os-182(n,n'd)Re-180	TALYS-6a	0	[8]	33
Os-182(n,n't)Re-179	TALYS-6a	0	[8]	31
Os-182(n,n'h)W-179g	TALYS-6a	0		30
Os-182(n,n'h)W-179m	TALYS-6a	0		30
Os-182(n,n'd2a)Lu-172g	TALYS-6a	0		19
Os-182(n,n'd2a)Lu-172m	TALYS-6a	0		19
Os-182(n,n't2a)Lu-171g	TALYS-6a	0		17
Os-182(n,n't2a)Lu-171m	TALYS-6a	0		16
Os-182(n,4n)Os-179	TALYS-6a	0		20
Os-182(n,2np)Re-180	TALYS-6a	0	[8]	31
Os-182(n,3np)Re-179	TALYS-6a	0	[8]	24
Os-182(n,n'2p)W-180	TALYS-6a	0	[8]	34
Os-182(n,n'pa)Ta-177	TALYS-6a	0	[8]	40
Os-182(n,g)Os-183g	MASGAM	0	[14,13,4,6]	83
Os-182(n,g)Os-183m	MASGAM	0	[14,13,4,6]	83
Os-182(n,p)Re-182g	TALYS-6a	0	[4,2]	100
Os-182(n,p)Re-182m	TALYS-6a	0	[4,7,2]	100
Os-182(n,d)Re-181	TALYS-6a	0	[8]	61
Os-182(n,t)Re-180	TALYS-6a	0	[8]	45
Os-182(n,h)W-180	TALYS-6a	0	[8]	46
Os-182(n,a)W-179g	TALYS-6a	0	[2]	100
Os-182(n,a)W-179m	TALYS-6a	0	[2]	100
Os-182(n,2a)Hf-175	TALYS-6a	0	[10]	100
Os-182(n,2p)W-181	TALYS-6a	0	[8]	51
Os-182(n,pa)Ta-178g	TALYS-6a	0	[4]	100
Os-182(n,pa)Ta-178m	TALYS-6a	0	[4,7]	100
Os-182(n,d2a)Lu-173	TALYS-6a	0		100
Os-182(n,pd)W-180	TALYS-6a	0	[8]	35
Os-182(n,pt)W-179g	TALYS-6a	0		31
Os-182(n,pt)W-179m	TALYS-6a	0		30
Os-182(n,da)Ta-177	TALYS-6a	0	[8]	40
Os-182(n,5n)Os-178	TALYS-6a	0		15
Os-182(n,6n)Os-177	TALYS-6a	0		10
Os-182(n,2nt)Re-178	TALYS-6a	0	[8]	21
Os-182(n,ta)Ta-176	TALYS-6a	0	[8]	35
Os-182(n,4np)Re-178	TALYS-6a	0		16
Os-182(n,3nd)Re-178	TALYS-6a	0	[8]	16
Os-182(n,n'da)Ta-176	TALYS-6a	0	[8]	28
Os-182(n,2npa)Ta-176	TALYS-6a	0	[8]	27
Os-182(n,5np)Re-177	TALYS-6a	0	[8]	12
Os-182(n,4na)W-175	TALYS-6a	0	[8]	20
Os-182(n,5na)W-174	TALYS-6a	0	[8]	14
Os-182(n,6na)W-173	TALYS-6a	0	[8,7,8]	9
Os-182(n,4nd)Re-177	TALYS-6a	0	[8]	12
Os-182(n,5nd)Re-176	TALYS-6a	0	[8]	8
Os-182(n,3nt)Re-177	TALYS-6a	0	[8]	15
Os-182(n,4nt)Re-176	TALYS-6a	0	[8]	11
Os-182(n,2nh)W-178	TALYS-6a	0	[8]	24
Os-182(n,3nh)W-177	TALYS-6a	0	[8]	16
Os-182(n,4nh)W-176	TALYS-6a	0	[8]	12
Os-182(n,3n2p)W-178	TALYS-6a	0	[8]	17
Os-182(n,3n2a)Hf-172	TALYS-6a	0	[8]	24
Os-182(n,3npa)Ta-175	TALYS-6a	0	[8]	20
Os-182(n,n'pd)W-179g	TALYS-6a	0		25
Os-182(n,n'pd)W-179m	TALYS-6a	0		24

Reaction	Code	Flag	Refs	Value
Os-182(n,n'pt)W-178	TALYS-6a	0	[8]	24
Os-182(n,n'dt)W-177	TALYS-6a	0	[8]	16
Os-182(n,n'ph)Ta-178g	TALYS-6a	0	[4,8]	19
Os-182(n,n'ph)Ta-178m	TALYS-6a	0	[4,7,8,8]	18
Os-182(n,n'ta)Ta-175	TALYS-6a	0	[8]	26
Os-182(n,2n2p)W-179g	TALYS-6a	0		24
Os-182(n,2n2p)W-179m	TALYS-6a	0		24
Os-182(n,4n2p)W-177	TALYS-6a	0	[8]	12
+Os-182(n,4n2a)Hf-171g	TALYS-6a	0		16
+Os-182(n,4n2a)Hf-171m	TALYS-6a	0		15
Os-182(n,4npa)Ta-174	TALYS-6a	0	[8]	14
Os-182(n,3n2pa)Hf-174	TALYS-6a	0	[8]	13
Os-182(n,5n2p)W-176	TALYS-6a	0	[8]	8
Os-183(n,n')Os-183m	TALYS-6a	0		89
Os-183(n,2nd)Re-180	TALYS-6a	0	[8]	25
Os-183(n,2n)Os-182	TALYS-6a	0		49
Os-183(n,3n)Os-181g	TALYS-6a	0		30
Os-183(n,3n)Os-181m	TALYS-6a	0		30
Os-183(n,n'a)W-179g	TALYS-6a	0		100
Os-183(n,n'a)W-179m	TALYS-6a	0		100
Os-183(n,n'3a)Yb-171	TALYS-6a	0		100
Os-183(n,2na)W-178	TALYS-6a	0	[8]	44
Os-183(n,3na)W-177	TALYS-6a	0	[8]	29
Os-183(n,n'p)Re-182g	TALYS-6a	0	[4,8]	52
Os-183(n,n'p)Re-182m	TALYS-6a	0	[4,7,8,8]	51
Os-183(n,n'2a)Hf-175	TALYS-6a	0		100
Os-183(n,2n2a)Hf-174	TALYS-6a	0	[8]	34
Os-183(n,n'd)Re-181	TALYS-6a	0	[8]	37
Os-183(n,n't)Re-180	TALYS-6a	0	[8]	31
Os-183(n,n'h)W-180	TALYS-6a	0	[8]	32
Os-183(n,n'd2a)Lu-173	TALYS-6a	0	[8]	20
Os-183(n,n't2a)Lu-172g	TALYS-6a	0		16
Os-183(n,n't2a)Lu-172m	TALYS-6a	0		16
Os-183(n,4n)Os-180	TALYS-6a	0		23
Os-183(n,2np)Re-181	TALYS-6a	0	[8]	34
Os-183(n,3np)Re-180	TALYS-6a	0	[8]	24
Os-183(n,n'2p)W-181	TALYS-6a	0	[8]	32
Os-183(n,n'pa)Ta-178g	TALYS-6a	0	[4,8]	35
Os-183(n,n'pa)Ta-178m	TALYS-6a	0	[4,7,8,8]	34
Os-183(n,g)Os-184	MASGAM	0	[14,13]	83
Os-183(n,p)Re-183	TALYS-6a	0	[2]	100
Os-183(n,d)Re-182g	TALYS-6a	0	[4,8]	59
Os-183(n,d)Re-182m	TALYS-6a	0	[4,7,8,8]	58
Os-183(n,t)Re-181	TALYS-6a	0	[8]	53
Os-183(n,h)W-181	TALYS-6a	0	[8]	45
Os-183(n,a)W-180	TALYS-6a	0	[2]	100
Os-183(n,2a)Hf-176	TALYS-6a	0	[10]	100
Os-183(n,2p)W-182	TALYS-6a	0	[8]	54
Os-183(n,pa)Ta-179	TALYS-6a	0		100
Os-183(n,pd)W-181	TALYS-6a	0	[8]	34
Os-183(n,pt)W-180	TALYS-6a	0	[8]	32
Os-183(n,da)Ta-178g	TALYS-6a	0	[4,8]	35
Os-183(n,da)Ta-178m	TALYS-6a	0	[4,7,8,8]	34
Os-183(n,5n)Os-179	TALYS-6a	0		15
Os-183(n,6n)Os-178	TALYS-6a	0		11
Os-183(n,2nt)Re-179	TALYS-6a	0	[8]	24
Os-183(n,ta)Ta-177	TALYS-6a	0	[8]	38
Os-183(n,4np)Re-179	TALYS-6a	0	[8]	16
Os-183(n,3nd)Re-179	TALYS-6a	0	[8]	18
Os-183(n,n'da)Ta-177	TALYS-6a	0	[8]	29
Os-183(n,2npa)Ta-177	TALYS-6a	0	[8]	28
Os-183(n,5np)Re-178	TALYS-6a	0	[8]	12
Os-183(n,6np)Re-177	TALYS-6a	0	[8]	8
Os-183(n,4na)W-176	TALYS-6a	0	[8]	22
Os-183(n,5na)W-175	TALYS-6a	0	[8]	14
Os-183(n,6na)W-174	TALYS-6a	0	[8]	10
Os-183(n,4nd)Re-178	TALYS-6a	0	[8]	13
Os-183(n,5nd)Re-177	TALYS-6a	0	[8]	9
Os-183(n,3nt)Re-178	TALYS-6a	0	[8]	15
Os-183(n,4nt)Re-177	TALYS-6a	0	[8]	12
Os-183(n,2nh)W-179g	TALYS-6a	0		24
Os-183(n,2nh)W-179m	TALYS-6a	0		23
Os-183(n,3nh)W-178	TALYS-6a	0	[8]	17
Os-183(n,4nh)W-177	TALYS-6a	0	[8]	12
Os-183(n,3n2p)W-179g	TALYS-6a	0		16
Os-183(n,3n2p)W-179m	TALYS-6a	0		16
Os-183(n,3n2a)Hf-173	TALYS-6a	0	[8]	23
Os-183(n,3npa)Ta-176	TALYS-6a	0	[8]	19
Os-183(n,n'pd)W-180	TALYS-6a	0	[8]	26
Os-183(n,n'pt)W-179g	TALYS-6a	0		23
Os-183(n,n'pt)W-179m	TALYS-6a	0		23
Os-183(n,n'dt)W-178	TALYS-6a	0	[8]	16
Os-183(n,n'ph)Ta-179	TALYS-6a	0	[8]	19
Os-183(n,n'ta)Ta-176	TALYS-6a	0	[8]	25
Os-183(n,2n2p)W-180	TALYS-6a	0	[8]	25
Os-183(n,4n2p)W-178	TALYS-6a	0	[8]	13
Os-183(n,4n2a)Hf-172	TALYS-6a	0	[8]	16
Os-183(n,4npa)Ta-175	TALYS-6a	0	[8]	14
Os-183(n,5n2p)W-177	TALYS-6a	0	[8]	8
Os-183m(n,2nd)Re-180	TALYS-6a	0	[8]	25
Os-183m(n,2n)Os-182	TALYS-6a	0		50
Os-183m(n,3n)Os-181g	TALYS-6a	0		30
Os-183m(n,3n)Os-181m	TALYS-6a	0		30
Os-183m(n,n'a)W-179g	TALYS-6a	0		100
Os-183m(n,n'a)W-179m	TALYS-6a	0		100
Os-183m(n,2na)W-178	TALYS-6a	0	[8]	44
Os-183m(n,3na)W-177	TALYS-6a	0	[8]	29
Os-183m(n,n'p)Re-182g	TALYS-6a	0	[4,8]	53
Os-183m(n,n'p)Re-182m	TALYS-6a	0	[4,7,8,8]	52
Os-183m(n,n'2a)Hf-175	TALYS-6a	0		100
Os-183m(n,2n2a)Hf-174	TALYS-6a	0	[8]	33
Os-183m(n,n'd)Re-181	TALYS-6a	0	[8]	37
Os-183m(n,n't)Re-180	TALYS-6a	0	[8]	31
Os-183m(n,n'h)W-180	TALYS-6a	0	[8]	32
Os-183m(n,4n)Os-180	TALYS-6a	0		23
Os-183m(n,2np)Re-181	TALYS-6a	0	[8]	34
Os-183m(n,3np)Re-180	TALYS-6a	0		24
Os-183m(n,n'2p)W-181	TALYS-6a	0	[8]	32
Os-183m(n,n'pa)Ta-178g	TALYS-6a	0	[4,8]	35

Os-183m(n,n'pa)Ta-178m	TALYS-6a	0 [4,7,8,8]		34
Os-183m(n,g)Os-184	TALYS-6a	0 [14]		100
Os-183m(n,p)Re-183	TALYS-6a	0 [2]		100
Os-183m(n,d)Re-182g	TALYS-6a	0 [4,8]		60
Os-183m(n,d)Re-182m	TALYS-6a	0 [4,7,8,8]		59
Os-183m(n,t)Re-181	TALYS-6a	0 [8]		54
Os-183m(n,h)W-181	TALYS-6a	0 [8]		45
Os-183m(n,a)W-180	TALYS-6a	0 [2]		100
Os-183m(n,2a)Hf-176	TALYS-6a	0		100
Os-183m(n,2p)W-182	TALYS-6a	0 [8]		55
Os-183m(n,pa)Ta-179	TALYS-6a	0		100
Os-183m(n,pd)W-181	TALYS-6a	0 [8]		34
Os-183m(n,pt)W-180	TALYS-6a	0 [8]		32
Os-183m(n,da)Ta-178g	TALYS-6a	0 [4,8]		35
Os-183m(n,da)Ta-178m	TALYS-6a	0 [4,7,8,8]		34
Os-183m(n,5n)Os-179	TALYS-6a	0		15
Os-183m(n,6n)Os-178	TALYS-6a	0		11
Os-183m(n,2nt)Re-179	TALYS-6a	0 [8]		24
Os-183m(n,ta)Ta-177	TALYS-6a	0 [8]		38
Os-183m(n,4np)Re-179	TALYS-6a	0 [8]		17
Os-183m(n,3nd)Re-179	TALYS-6a	0 [8]		18
Os-183m(n,n'da)Ta-177	TALYS-6a	0 [8]		29
Os-183m(n,2npa)Ta-177	TALYS-6a	0 [8]		28
Os-183m(n,5np)Re-178	TALYS-6a	0 [8]		12
Os-183m(n,6np)Re-177	TALYS-6a	0 [8]		8
Os-183m(n,4na)W-176	TALYS-6a	0 [8]		22
Os-183m(n,5na)W-175	TALYS-6a	0 [8]		14
Os-183m(n,6na)W-174	TALYS-6a	0 [8]		11
Os-183m(n,4nd)Re-178	TALYS-6a	0 [8]		13
Os-183m(n,5nd)Re-177	TALYS-6a	0 [8]		9
Os-183m(n,3nt)Re-178	TALYS-6a	0 [8]		15
Os-183m(n,4nt)Re-177	TALYS-6a	0 [8]		12
Os-183m(n,2nh)W-179g	TALYS-6a	0		24
Os-183m(n,2nh)W-179m	TALYS-6a	0		23
Os-183m(n,3nh)W-178	TALYS-6a	0 [8]		17
Os-183m(n,4nh)W-177	TALYS-6a	0 [8]		12
Os-183m(n,3n2p)W-179g	TALYS-6a	0		16
Os-183m(n,3n2p)W-179m	TALYS-6a	0		16
Os-183m(n,3n2a)Hf-173	TALYS-6a	0 [8]		23
Os-183m(n,3npa)Ta-176	TALYS-6a	0 [8]		19
Os-183m(n,n'pd)W-180	TALYS-6a	0 [8]		26
Os-183m(n,n'pt)W-179g	TALYS-6a	0		23
Os-183m(n,n'pt)W-179m	TALYS-6a	0		23
Os-183m(n,n'dt)W-178	TALYS-6a	0 [8]		16
Os-183m(n,n'ph)Ta-179	TALYS-6a	0 [8]		19
Os-183m(n,n'dh)Ta-178g	TALYS-6a	0 [4,8]		14
Os-183m(n,n'dh)Ta-178m	TALYS-6a	0 [4,7,8,8]		13
Os-183m(n,n'ta)Ta-176	TALYS-6a	0 [8]		25
Os-183m(n,2n2p)W-180	TALYS-6a	0 [8]		25
Os-183m(n,4n2p)W-178	TALYS-6a	0 [8]		13
Os-183m(n,4n2a)Hf-172	TALYS-6a	0 [8]		16
Os-183m(n,4npa)Ta-175	TALYS-6a	0 [8]		14
Os-183m(n,5n2p)W-177	TALYS-6a	0 [8]		8
Os-184(n,2nd)Re-181	TALYS-6a	0 [8]		25
Os-184(n,2n)Os-183g	ADL-3	2 [13,3,7,8]		45
Os-184(n,2n)Os-183m	ADL-3	2 [13,3,7,8]		45
Os-184(n,3n)Os-182	TALYS-6a	0		31
Os-184(n,n'a)W-180	TALYS-6a	0		100
Os-184(n,n'3a)Yb-172	TALYS-6a	0		100
Os-184(n,2na)W-179g	TALYS-6a	0		41
Os-184(n,2na)W-179m	TALYS-6a	0		40
Os-184(n,3na)W-178	TALYS-6a	0 [8]		29
Os-184(n,n'p)Re-183	TALYS-6a	0 [8]		51
Os-184(n,n'2a)Hf-176	TALYS-6a	0		100
Os-184(n,2n2a)Hf-175	TALYS-6a	0 [8]		31
Os-184(n,n'd)Re-182g	TALYS-6a	0 [4,8]		33
Os-184(n,n'd)Re-182m	TALYS-6a	0 [4,7,8,8]		32
Os-184(n,n't)Re-181	TALYS-6a	0 [8]		31
Os-184(n,n'h)W-181	TALYS-6a	0 [8]		29
Os-184(n,n'd2a)Lu-174g	TALYS-6a	0		16
Os-184(n,n'd2a)Lu-174m	TALYS-6a	0		16
Os-184(n,n't2a)Lu-173	TALYS-6a	0 [8]		16
Os-184(n,4n)Os-181g	TALYS-6a	0		21
Os-184(n,4n)Os-181m	TALYS-6a	0		21
Os-184(n,2np)Re-182g	TALYS-6a	0 [4,8]		31
Os-184(n,2np)Re-182m	TALYS-6a	0 [4,7,8,8]		30
Os-184(n,3np)Re-181	TALYS-6a	0 [8]		24
Os-184(n,n'2p)W-182	TALYS-6a	0 [8]		31
Os-184(n,n'pa)Ta-179	TALYS-6a	0 [8]		37
>Os-184(n,g)Os-185	TALYS-5a	2		100
Os-184(n,p)Re-184g	TALYS-6a	0 [2]		100
Os-184(n,p)Re-184m	TALYS-6a	0 [2]		100
Os-184(n,d)Re-183	TALYS-6a	0 [8]		58
Os-184(n,t)Re-182g	TALYS-6a	0 [4,8]		45
Os-184(n,t)Re-182m	TALYS-6a	0 [4,7,8,8]		44
Os-184(n,h)W-182	TALYS-6a	0 [8]		43
Os-184(n,a)W-181	ADL-3	2 [13,11]		66
Os-184(n,2a)Hf-177g	TALYS-6a	0 [4,10]		100
Os-184(n,2a)Hf-177m	TALYS-6a	0 [7,4,7,10]		100
Os-184(n,2a)Hf-177n	TALYS-6a	0 [7,4,7,10]		100
Os-184(n,2p)W-183g	TALYS-6a	0		43
Os-184(n,2p)W-183m	TALYS-6a	0		43
Os-184(n,pa)Ta-180g	TALYS-6a	0		100
Os-184(n,pa)Ta-180m	TALYS-6a	0		100
Os-184(n,pd)W-182	TALYS-6a	0 [8]		33
Os-184(n,pt)W-181	TALYS-6a	0 [8]		30
Os-184(n,da)Ta-179	TALYS-6a	0 [8]		38
Os-184(n,5n)Os-180	TALYS-6a	0		15
Os-184(n,6n)Os-179	TALYS-6a	0		11
Os-184(n,2nt)Re-180	TALYS-6a	0 [8]		22
Os-184(n,ta)Ta-178g	TALYS-6a	0 [4,8]		30
Os-184(n,ta)Ta-178m	TALYS-6a	0 [4,7,8,8]		29
Os-184(n,4np)Re-180	TALYS-6a	0		16
Os-184(n,3nd)Re-180	TALYS-6a	0 [8]		17
Os-184(n,n'da)Ta-178g	TALYS-6a	0 [4,8]		27
Os-184(n,n'da)Ta-178m	TALYS-6a	0 [4,7,8,8]		26
Os-184(n,2npa)Ta-178g	TALYS-6a	0 [4,8]		26
Os-184(n,2npa)Ta-178m	TALYS-6a	0 [4,7,8,8]		25
Os-184(n,5np)Re-179	TALYS-6a	0 [8]		12
Os-184(n,6np)Re-178	TALYS-6a	0		8
Os-184(n,4na)W-177	TALYS-6a	0 [8]		20
Os-184(n,5na)W-176	TALYS-6a	0 [8]		15
Os-184(n,6na)W-175	TALYS-6a	0 [8]		10
Os-184(n,4nd)Re-179	TALYS-6a	0 [8]		13
Os-184(n,5nd)Re-178	TALYS-6a	0 [8]		8
Os-184(n,3nt)Re-179	TALYS-6a	0 [8]		16
Os-184(n,4nt)Re-178	TALYS-6a	0 [8]		11
Os-184(n,5nt)Re-177	TALYS-6a	0 [8]		7
Os-184(n,2nh)W-180	TALYS-6a	0 [8]		23
Os-184(n,3nh)W-179g	TALYS-6a	0		16
Os-184(n,3nh)W-179m	TALYS-6a	0		15
Os-184(n,4nh)W-178	TALYS-6a	0 [8]		12
Os-184(n,3n2p)W-180	TALYS-6a	0 [8]		16
Os-184(n,3n2a)Hf-174	TALYS-6a	0 [8]		23
Os-184(n,3npa)Ta-177	TALYS-6a	0 [8]		19
Os-184(n,n'pd)W-181	TALYS-6a	0 [8]		24
Os-184(n,n'pt)W-180	TALYS-6a	0 [8]		23
Os-184(n,n'dt)W-179g	TALYS-6a	0		16
Os-184(n,n'dt)W-179m	TALYS-6a	0		15
Os-184(n,n'ta)Ta-177	TALYS-6a	0 [8]		26
Os-184(n,2n2p)W-181	TALYS-6a	0 [8]		23
Os-184(n,4n2p)W-179g	TALYS-6a	0		12
Os-184(n,4n2p)W-179m	TALYS-6a	0		12
Os-184(n,4n2a)Hf-173	TALYS-6a	0 [8]		15
Os-184(n,4npa)Ta-176	TALYS-6a	0 [8]		13
Os-184(n,5n2p)W-178	TALYS-6a	0 [8]		8
Os-185(n,2nd)Re-182g	TALYS-6a	0 [4,8]		26
Os-185(n,2nd)Re-182m	TALYS-6a	0 [4,7,8,8]		25
Os-185(n,2n)Os-184	TALYS-6a	0		52
Os-185(n,3n)Os-183g	TALYS-6a	0		31
Os-185(n,3n)Os-183m	TALYS-6a	0		31
Os-185(n,n'a)W-181	TALYS-6a	0		100
Os-185(n,2na)W-180	TALYS-6a	0 [8]		44
Os-185(n,3na)W-179g	TALYS-6a	0		29
Os-185(n,3na)W-179m	TALYS-6a	0		29
Os-185(n,n'p)Re-184g	TALYS-6a	0		50
Os-185(n,n'p)Re-184m	TALYS-6a	0		49
Os-185(n,n'2a)Hf-177g	TALYS-6a	0 [4]		100
Os-185(n,n'2a)Hf-177m	TALYS-6a	0 [7,4,7]		100
Os-185(n,n'2a)Hf-177n	TALYS-6a	0 [7,4,7]		100
Os-185(n,2n2a)Hf-176	TALYS-6a	0 [8]		32
Os-185(n,n'd)Re-183	TALYS-6a	0 [8]		37
Os-185(n,n't)Re-182g	TALYS-6a	0 [4,8]		31
Os-185(n,n't)Re-182m	TALYS-6a	0 [4,7,8,8]		30
Os-185(n,n'h)W-182	TALYS-6a	0 [8]		31
Os-185(n,n'd2a)Lu-175	TALYS-6a	0 [8]		17
Os-185(n,4n)Os-182	TALYS-6a	0		24
Os-185(n,2np)Re-183	TALYS-6a	0 [8]		34
Os-185(n,3np)Re-182g	TALYS-6a	0 [4,8]		24
Os-185(n,3np)Re-182m	TALYS-6a	0 [4,7,8,8]		23
Os-185(n,n'2p)W-183g	TALYS-6a	0 [4,8]		30
Os-185(n,n'2p)W-183m	TALYS-6a	0 [4,7,8,8]		29
Os-185(n,n'pa)Ta-180g	TALYS-6a	0		36
Os-185(n,n'pa)Ta-180m	TALYS-6a	0		36
Os-185(n,g)Os-186	MASGAM	0 [14,13]		83
Os-185(n,p)Re-185	TALYS-6a	0 [2]		100
Os-185(n,d)Re-184g	TALYS-6a	0		57
Os-185(n,d)Re-184m	TALYS-6a	0		56
Os-185(n,t)Re-183	TALYS-6a	0 [8]		54
Os-185(n,h)W-183g	TALYS-6a	0 [4,8]		43
Os-185(n,h)W-183m	TALYS-6a	0 [4,7,8,8]		42
Os-185(n,a)W-182	TALYS-6a	0 [2]		100
Os-185(n,2p)W-184	TALYS-6a	0 [8]		45
Os-185(n,pa)Ta-181	TALYS-6a	0		100
Os-185(n,pd)W-183g	TALYS-6a	0 [4,8]		31
Os-185(n,pd)W-183m	TALYS-6a	0 [4,7,8,8]		30
Os-185(n,da)Ta-180g	TALYS-6a	0		37
Os-185(n,da)Ta-180m	TALYS-6a	0		37
Os-185(n,5n)Os-181g	TALYS-6a	0		16
Os-185(n,5n)Os-181m	TALYS-6a	0		16
Os-185(n,6n)Os-180	TALYS-6a	0		12
Os-185(n,2nt)Re-181	TALYS-6a	0 [8]		24
Os-185(n,ta)Ta-179	TALYS-6a	0 [8]		36
Os-185(n,4np)Re-181	TALYS-6a	0 [8]		17
Os-185(n,3nd)Re-181	TALYS-6a	0 [8]		19
Os-185(n,n'da)Ta-179	TALYS-6a	0 [8]		28
Os-185(n,2npa)Ta-179	TALYS-6a	0 [8]		27
Os-185(n,5np)Re-180	TALYS-6a	0		13
Os-185(n,6np)Re-179	TALYS-6a	0		9
Os-185(n,4na)W-178	TALYS-6a	0 [8]		22
Os-185(n,5na)W-177	TALYS-6a	0 [8]		15
Os-185(n,6na)W-176	TALYS-6a	0 [8]		11
Os-185(n,4nd)Re-180	TALYS-6a	0 [8]		13
Os-185(n,5nd)Re-179	TALYS-6a	0 [8]		9
Os-185(n,3nt)Re-180	TALYS-6a	0 [8]		16
Os-185(n,4nt)Re-179	TALYS-6a	0 [8]		12
Os-185(n,5nt)Re-178	TALYS-6a	0 [8]		7
Os-185(n,2nh)W-181	TALYS-6a	0 [8]		23
Os-185(n,3nh)W-180	TALYS-6a	0 [8]		16
Os-185(n,4nh)W-179g	TALYS-6a	0		12
Os-185(n,4nh)W-179m	TALYS-6a	0		12
Os-185(n,3n2p)W-181	TALYS-6a	0 [8]		16
Os-185(n,3n2a)Hf-175	TALYS-6a	0 [8]		23
Os-185(n,3npa)Ta-178g	TALYS-6a	0 [4,8]		19
Os-185(n,3npa)Ta-178m	TALYS-6a	0 [4,7,8,8]		18
Os-185(n,n'pd)W-182	TALYS-6a	0 [8]		25
Os-185(n,n'pt)W-181	TALYS-6a	0 [8]		23
Os-185(n,n'dt)W-180	TALYS-6a	0 [8]		16
Os-185(n,n'ta)Ta-178g	TALYS-6a	0 [4,8]		23
Os-185(n,n'ta)Ta-178m	TALYS-6a	0 [4,7,8,8]		22
Os-185(n,2n2p)W-182	TALYS-6a	0 [8]		24
Os-185(n,4n2p)W-180	TALYS-6a	0 [8]		13
Os-185(n,4n2a)Hf-174	TALYS-6a	0 [8]		16
Os-185(n,4npa)Ta-176	TALYS-6a	0 [8]		14
Os-185(n,5n2p)W-179g	TALYS-6a	0		9
Os-185(n,5n2p)W-179m	TALYS-6a	0		8
Os-186(n,2nd)Re-183	TALYS-6a	0 [8]		26
Os-186(n,2n)Os-185	ADL-3	2 [13]		45

Reaction	Library	Flag	Refs	Value
Os-186(n,3n)Os-184	TALYS-6a	0		32
Os-186(n,n'a)W-182	TALYS-6a	0		100
Os-186(n,2na)W-181	TALYS-6a	0	[8]	41
Os-186(n,3na)W-180	TALYS-6a	0	[8]	29
Os-186(n,n'p)Re-185	TALYS-6a	0	[8]	47
Os-186(n,n'2a)Hf-178g	TALYS-6a	0	[4]	100
Os-186(n,n'2a)Hf-178m	TALYS-6a	0	[4,7]	100
Os-186(n,n'2a)Hf-178n	TALYS-6a	0	[7,4,7]	100
Os-186(n,2n2a)Hf-177g	TALYS-6a	0	[4,8]	30
Os-186(n,2n2a)Hf-177m	TALYS-6a	0	[4,7,8,8]	29
Os-186(n,2n2a)Hf-177n	TALYS-6a	0	[4,7,8,8]	29
Os-186(n,n'd)Re-184g	TALYS-6a	0		33
Os-186(n,n'd)Re-184m	TALYS-6a	0		33
Os-186(n,n't)Re-183	TALYS-6a	0	[8]	32
Os-186(n,n'h)W-183g	TALYS-6a	0		29
Os-186(n,n'h)W-183m	TALYS-6a	0		28
Os-186(n,n't2a)Lu-175	TALYS-6	0	[8]	16
Os-186(n,4n)Os-183g	TALYS-6a	0		23
Os-186(n,4n)Os-183m	TALYS-6a	0		23
Os-186(n,2np)Re-184g	TALYS-6a	0		31
Os-186(n,2np)Re-184m	TALYS-6a	0		31
Os-186(n,3np)Re-183	TALYS-6a	0	[8]	25
Os-186(n,n'2p)W-184	TALYS-6a	0	[8]	30
Os-186(n,n'pa)Ta-181	TALYS-6a	0	[8]	35
Os-186(n,g)Os-187	SIGECN-MASGAM	4	[14,13]	8666
Os-186(n,p)Re-186g	ADL-3	2	[13]	45
Os-186(n,p)Re-186m	TALYS-6a	0	[2]	77
Os-186(n,d)Re-185	TALYS-6a	0	[8]	54
Os-186(n,t)Re-184g	TALYS-6a	0		45
Os-186(n,t)Re-184m	TALYS-6a	0		45
Os-186(n,h)W-184	TALYS-6a	0	[8]	41
>Os-186(n,a)W-183g	TALYS-6a	0	[9,2,4]	8704
>Os-186(n,a)W-183m	TALYS-6a	0	[9,2,4]	8704
Os-186(n,2a)Hf-179g	TALYS-6a	0	[4]	100
Os-186(n,2a)Hf-179m	TALYS-6a	0	[4,7]	100
Os-186(n,2a)Hf-179n	TALYS-6a	0	[7,4,7]	100
Os-186(n,2p)W-185g	TALYS-6a	0		39
Os-186(n,2p)W-185m	TALYS-6a	0		38
Os-186(n,pa)Ta-182g	TALYS-6a	0	[4]	100
Os-186(n,pa)Ta-182m	TALYS-6a	0	[4,7]	100
Os-186(n,pa)Ta-182n	TALYS-6a	0	[7,4,7]	100
Os-186(n,pd)W-184	TALYS-6a	0	[8]	30
Os-186(n,da)Ta-181	TALYS-6a	0	[8]	36
Os-186(n,5n)Os-182	TALYS-6a	0		16
Os-186(n,6n)Os-181g	TALYS-6a	0		11
Os-186(n,6n)Os-181m	TALYS-6a	0		11
Os-186(n,2nt)Re-182g	TALYS-6a	0	[4,8]	23
Os-186(n,2nt)Re-182m	TALYS-6a	0	[4,7,8,8]	22
Os-186(n,4np)Re-182g	TALYS-6a	0	[4,8]	16
Os-186(n,4np)Re-182m	TALYS-6a	0	[4,7,8,8]	15
Os-186(n,3nd)Re-182g	TALYS-6a	0	[4,8]	17
Os-186(n,3nd)Re-182m	TALYS-6a	0	[4,7,8,8]	16
Os-186(n,n'da)Ta-180g	TALYS-6a	0		26
Os-186(n,n'da)Ta-180m	TALYS-6a	0		26
Os-186(n,2npa)Ta-180g	TALYS-6a	0		25
Os-186(n,2npa)Ta-180m	TALYS-6a	0		25
Os-186(n,7n)Os-180	TALYS-6a	0		8
Os-186(n,5np)Re-181	TALYS-6a	0		13
Os-186(n,6np)Re-180	TALYS-6a	0	[8]	8
Os-186(n,4na)W-179g	TALYS-6a	0		21
Os-186(n,4na)W-179m	TALYS-6a	0		21
Os-186(n,5na)W-178	TALYS-6a	0	[8]	15
Os-186(n,6na)W-177	TALYS-6a	0	[8]	11
Os-186(n,7na)W-176	TALYS-6a	0	[8]	7
Os-186(n,4nd)Re-181	TALYS-6a	0	[8]	13
Os-186(n,5nd)Re-180	TALYS-6a	0	[8]	9
Os-186(n,3nt)Re-181	TALYS-6a	0	[8]	16
Os-186(n,4nt)Re-180	TALYS-6a	0	[8]	12
Os-186(n,5nt)Re-179	TALYS-6a	0	[8]	8
Os-186(n,2nh)W-182	TALYS-6a	0	[8]	23
Os-186(n,3nh)W-181	TALYS-6a	0	[8]	16
Os-186(n,4nh)W-180	TALYS-6a	0	[8]	12
Os-186(n,3n2p)W-182	TALYS-6a	0	[8]	16
Os-186(n,3n2a)Hf-176	TALYS-6a	0	[8]	23
Os-186(n,3npa)Ta-179	TALYS-6a	0	[8]	18
Os-186(n,n'pd)W-183g	TALYS-6a	0		23
Os-186(n,n'pd)W-183m	TALYS-6a	0		22
Os-186(n,n'pt)W-182	TALYS-6a	0	[8]	23
Os-186(n,n'dt)W-181	TALYS-6a	0	[8]	16
Os-186(n,n'ta)Ta-179	TALYS-6a	0	[8]	25
Os-186(n,2n2p)W-183g	TALYS-6a	0		22
Os-186(n,2n2p)W-183m	TALYS-6a	0		21
Os-186(n,4n2p)W-181	TALYS-6a	0	[8]	12
Os-186(n,4n2a)Hf-175	TALYS-6a	0		15
Os-186(n,4npa)Ta-178g	TALYS-6a	0	[4,8]	13
Os-186(n,4npa)Ta-178m	TALYS-6a	0	[4,7,8,8]	12
Os-186(n,5n2p)W-180	TALYS-6a	0	[8]	9
Os-187(n,2nd)Re-184g	TALYS-6a	0		26
Os-187(n,2nd)Re-184m	TALYS-6a	0		26
Os-187(n,2n)Os-186	TALYS-6a	0		54
Os-187(n,3n)Os-185	TALYS-6a	0		32
Os-187(n,n'a)W-183g	TALYS-6a	0		100
Os-187(n,n'a)W-183m	TALYS-6a	0		100
Os-187(n,2na)W-182	TALYS-6a	0	[8]	45
Os-187(n,3na)W-181	TALYS-6a	0	[8]	30
Os-187(n,n'p)Re-186g	TALYS-6a	0		46
Os-187(n,n'p)Re-186m	TALYS-6a	0		45
Os-187(n,n'2a)Hf-179g	TALYS-6a	0	[4]	100
Os-187(n,n'2a)Hf-179m	TALYS-6a	0	[4,7]	100
Os-187(n,n'2a)Hf-179n	TALYS-6a	0	[7,4,7]	100
Os-187(n,2n2a)Hf-178g	TALYS-6a	0	[4]	30
Os-187(n,2n2a)Hf-178m	TALYS-6a	0	[4,7,8]	28
Os-187(n,2n2a)Hf-178n	TALYS-6a	0	[4,7,8]	29
Os-187(n,n'd)Re-185	TALYS-6a	0	[8]	36
Os-187(n,n't)Re-184g	TALYS-6a	0		32
Os-187(n,n't)Re-184m	TALYS-6a	0		32
Os-187(n,n'h)W-184	TALYS-6a	0	[8]	30
Os-187(n,4n)Os-184	TALYS-6a	0		25
Os-187(n,2np)Re-185	TALYS-6a	0	[8]	33
Os-187(n,3np)Re-184g	TALYS-6a	0		25
Os-187(n,3np)Re-184m	TALYS-6a	0		25
Os-187(n,n'2p)W-185g	TALYS-6a	0	[4,8]	29
Os-187(n,n'2p)W-185m	TALYS-6a	0	[4,7,8,8]	28
Os-187(n,n'pa)Ta-182g	TALYS-6a	0	[4]	33
Os-187(n,n'pa)Ta-182m	TALYS-6a	0	[4,7,8]	32
Os-187(n,n'pa)Ta-182n	TALYS-6a	0	[4,7,8]	32
>Os-187(n,g)Os-188	SIGECN-MASGAM	4	[14,13]	6890
Os-187(n,p)Re-187	TALYS-6a	0	[2]	100
Os-187(n,d)Re-186g	TALYS-6a	0		53
Os-187(n,d)Re-186m	TALYS-6a	0		52
Os-187(n,t)Re-185	TALYS-6a	0	[8]	52
Os-187(n,h)W-185g	TALYS-6a	0	[4,8]	39
Os-187(n,h)W-185m	TALYS-6a	0	[4,7,8,8]	38
Os-187(n,a)W-184	TALYS-5	2	[9,2,3]	6893
Os-187(n,2p)W-186	TALYS-6a	0	[8]	40
Os-187(n,pa)Ta-183	TALYS-6a	0		100
Os-187(n,pd)W-185g	TALYS-6a	0	[4,8]	30
Os-187(n,pd)W-185m	TALYS-6a	0	[4,7,8,8]	29
Os-187(n,5n)Os-183g	TALYS-6a	0		17
Os-187(n,5n)Os-183m	TALYS-6a	0		16
Os-187(n,6n)Os-182	TALYS-6a	0		13
Os-187(n,2nt)Re-183	TALYS-6a	0	[8]	25
Os-187(n,4np)Re-183	TALYS-6a	0	[8]	18
Os-187(n,3nd)Re-183	TALYS-6a	0	[8]	20
Os-187(n,n'da)Ta-181	TALYS-6a	0	[8]	28
Os-187(n,2npa)Ta-181	TALYS-6a	0	[8]	27
Os-187(n,7n)Os-181g	TALYS-6a	0		8
Os-187(n,7n)Os-181m	TALYS-6a	0		8
Os-187(n,5np)Re-182g	TALYS-6a	0	[4,8]	13
Os-187(n,5np)Re-182m	TALYS-6a	0	[4,7,8,8]	12
Os-187(n,6np)Re-181	TALYS-6a	0		10
Os-187(n,4na)W-180	TALYS-6a	0	[8]	23
Os-187(n,5na)W-179g	TALYS-6a	0		15
Os-187(n,5na)W-179m	TALYS-6a	0		15
Os-187(n,6na)W-178	TALYS-6a	0	[8]	12
Os-187(n,7na)W-177	TALYS-6a	0	[8]	7
Os-187(n,4nd)Re-182g	TALYS-6a	0	[4,8]	14
Os-187(n,4nd)Re-182m	TALYS-6a	0	[4,7,8,8]	13
Os-187(n,5nd)Re-181	TALYS-6a	0	[8]	10
Os-187(n,6nd)Re-180	TALYS-6a	0	[8]	6
Os-187(n,3nt)Re-182g	TALYS-6a	0	[4,8]	17
Os-187(n,3nt)Re-182m	TALYS-6a	0	[4,7,8,8]	16
Os-187(n,4nt)Re-181	TALYS-6a	0	[8]	13
Os-187(n,5nt)Re-180	TALYS-6a	0	[8]	8
Os-187(n,2nh)W-183g	TALYS-6a	0		23
Os-187(n,2nh)W-183m	TALYS-6a	0		23
Os-187(n,3nh)W-182	TALYS-6a	0	[8]	17
Os-187(n,4nh)W-181	TALYS-6a	0	[8]	13
Os-187(n,3n2p)W-183g	TALYS-6a	0		16
Os-187(n,3n2p)W-183m	TALYS-6a	0		16
Os-187(n,3n2a)Hf-177g	TALYS-6a	0	[4,8]	22
Os-187(n,3n2a)Hf-177m	TALYS-6a	0	[4,7,8,8]	21
Os-187(n,3n2a)Hf-177n	TALYS-6a	0	[4,7,8,8]	21
Os-187(n,3npa)Ta-180g	TALYS-6a	0		18
Os-187(n,3npa)Ta-180m	TALYS-6a	0		18
Os-187(n,n'pd)W-184	TALYS-6a	0	[8]	24
Os-187(n,n'pt)W-183g	TALYS-6a	0		22
Os-187(n,n'pt)W-183m	TALYS-6a	0		22
Os-187(n,n'dt)W-182	TALYS-6a	0	[8]	16
Os-187(n,n'ta)Ta-180g	TALYS-6a	0		25
Os-187(n,n'ta)Ta-180m	TALYS-6a	0		25
Os-187(n,2n2p)W-184	TALYS-6a	0	[8]	23
Os-187(n,4n2p)W-182	TALYS-6a	0	[8]	13
Os-187(n,4n2a)Hf-176	TALYS-6a	0	[8]	16
Os-187(n,4npa)Ta-179	TALYS-6a	0	[8]	14
Os-187(n,3n2pa)Hf-179g	TALYS-6a	0	[4]	11
Os-187(n,3n2pa)Hf-179m	TALYS-6a	0	[4,7,8]	9
Os-187(n,3n2pa)Hf-179n	TALYS-6a	0	[4,7,8]	10
Os-187(n,5n2p)W-181	TALYS-6a	0	[8]	9
Os-188(n,2nd)Re-185	TALYS-6a	0	[8]	26
Os-188(n,2n)Os-187	TALYS-6a	0		45
Os-188(n,3n)Os-186	TALYS-6a	0		33
Os-188(n,n'a)W-184	TALYS-6a	0		100
Os-188(n,2na)W-183g	TALYS-6a	0		41
Os-188(n,2na)W-183m	TALYS-6a	0		40
Os-188(n,3na)W-182	TALYS-6a	0	[8]	30
Os-188(n,n'p)Re-187	TALYS-6a	0	[8]	44
Os-188(n,n'2a)Hf-180g	TALYS-6a	0		100
Os-188(n,n'2a)Hf-180m	TALYS-6a	0		100
Os-188(n,2n2a)Hf-179g	TALYS-6a	0	[4]	28
Os-188(n,2n2a)Hf-179m	TALYS-6a	0	[4,7,8]	26
Os-188(n,2n2a)Hf-179n	TALYS-6a	0	[4,7,8]	27
Os-188(n,n'd)Re-186g	TALYS-6a	0		32
Os-188(n,n'd)Re-186m	TALYS-6a	0		32
Os-188(n,n't)Re-185	TALYS-6a	0	[8]	32
Os-188(n,n'h)W-185g	TALYS-6a	0		28
Os-188(n,n'h)W-185m	TALYS-6a	0		27
Os-188(n,4n)Os-185	TALYS-6a	0		24
Os-188(n,2np)Re-186g	TALYS-6a	0		31
Os-188(n,2np)Re-186m	TALYS-6a	0		30
Os-188(n,3np)Re-185	TALYS-6a	0	[8]	24
Os-188(n,n'2p)W-186	TALYS-6a	0	[8]	27
Os-188(n,n'pa)Ta-183	TALYS-6a	0	[8]	31
>Os-188(n,g)Os-189g	FISPRO	0	[13,3]	5315
>Os-188(n,g)Os-189m	FISPRO	0	[13,3]	5315
>Os-188(n,p)Re-188g	TALYS-5a	0		73
>Os-188(n,p)Re-188m	TALYS-5a	2		72
Os-188(n,d)Re-187	TALYS-6a	0	[8]	50
Os-188(n,t)Re-186g	TALYS-6a	0		44
Os-188(n,t)Re-186m	TALYS-6a	0		44
Os-188(n,h)W-186	TALYS-6a	0	[8]	38
>Os-188(n,a)W-185g	TALYS-6a	0	[9,2,4]	5320
>Os-188(n,a)W-185m	TALYS-6a	0	[9,2,4]	5320
Os-188(n,2p)W-187	TALYS-6a	0		34
Os-188(n,pd)W-186	TALYS-6a	0	[8]	29
Os-188(n,da)Ta-183	TALYS-6a	0	[8]	33
Os-188(n,5n)Os-184	TALYS-6a	0		17
Os-188(n,6n)Os-183g	TALYS-6a	0		12

Reaction	Library	Flag [refs]	Value
Os-188(n,6n)Os-183m	TALYS-6a	0	12
Os-188(n,2nt)Re-184g	TALYS-6a	0	24
Os-188(n,2nt)Re-184m	TALYS-6a	0	23
Os-188(n,4np)Re-184g	TALYS-6a	0	17
Os-188(n,4np)Re-184m	TALYS-6a	0	16
Os-188(n,3nd)Re-184g	TALYS-6a	0	18
Os-188(n,3nd)Re-184m	TALYS-6a	0	18
Os-188(n,n'da)Ta-182g	TALYS-6a	0 [4]	25
Os-188(n,n'da)Ta-182m	TALYS-6a	0 [4,7,8]	24
Os-188(n,n'da)Ta-182n	TALYS-6a	0 [4,7,8]	24
Os-188(n,2npa)Ta-182g	TALYS-6a	0 [4]	24
Os-188(n,2npa)Ta-182m	TALYS-6a	0 [4,7,8]	23
Os-188(n,2npa)Ta-182n	TALYS-6a	0 [4,7,8]	23
Os-188(n,7n)Os-182	TALYS-6a	0	9
Os-188(n,5np)Re-183	TALYS-6a	0 [8]	13
Os-188(n,6np)Re-182g	TALYS-6a	0 [4,8]	9
Os-188(n,6np)Re-182m	TALYS-6a	0 [4,7,8,8]	8
Os-188(n,7np)Re-181	TALYS-6a	0	6
Os-188(n,4na)W-181	TALYS-6a	0 [8]	22
Os-188(n,5na)W-180	TALYS-6a	0 [8]	16
Os-188(n,6na)W-179g	TALYS-6a	0	11
Os-188(n,6na)W-179m	TALYS-6a	0	11
Os-188(n,7na)W-178	TALYS-6a	0 [8]	8
Os-188(n,4nd)Re-183	TALYS-6a	0 [8]	14
Os-188(n,5nd)Re-182g	TALYS-6a	0 [4,8]	10
Os-188(n,5nd)Re-182m	TALYS-6a	0 [4,7,8,8]	9
Os-188(n,6nd)Re-181	TALYS-6a	0 [8]	6
Os-188(n,3nt)Re-183	TALYS-6a	0 [8]	17
Os-188(n,4nt)Re-182g	TALYS-6a	0 [4,8]	12
Os-188(n,4nt)Re-182m	TALYS-6a	0 [4,7,8,8]	11
Os-188(n,5nt)Re-181	TALYS-6a	0 [8]	9
Os-188(n,2nh)W-184	TALYS-6a	0 [8]	22
Os-188(n,3nh)W-183g	TALYS-6a	0	16
Os-188(n,3nh)W-183m	TALYS-6a	0	16
Os-188(n,4nh)W-182	TALYS-6a	0 [8]	13
Os-188(n,3n2p)W-184	TALYS-6a	0 [8]	15
Os-188(n,3n2a)Hf-178g	TALYS-6a	0 [4]	22
Os-188(n,3n2a)Hf-178m	TALYS-6a	0 [4,7,8]	20
Os-188(n,3n2a)Hf-178n	TALYS-6a	0 [4,7,8]	21
Os-188(n,3npa)Ta-181	TALYS-6a	0 [8]	18
Os-188(n,n'pd)W-185g	TALYS-6a	0	21
Os-188(n,n'pd)W-185m	TALYS-6a	0	21
Os-188(n,n'pt)W-184	TALYS-6a	0 [8]	22
Os-188(n,n'ta)Ta-181	TALYS-6a	0 [8]	25
Os-188(n,2n2p)W-185g	TALYS-6a	0	20
Os-188(n,2n2p)W-185m	TALYS-6a	0	20
Os-188(n,4n2p)W-183g	TALYS-6a	0	12
Os-188(n,4n2p)W-183m	TALYS-6a	0	12
Os-188(n,4n2a)Hf-177g	TALYS-6a	0 [4,8]	15
Os-188(n,4n2a)Hf-177m	TALYS-6a	0 [4,7,8,8]	14
Os-188(n,4n2a)Hf-177n	TALYS-6a	0 [4,7,8,8]	14
Os-188(n,4npa)Ta-180g	TALYS-6a	0	13
Os-188(n,4npa)Ta-180m	TALYS-6a	0	13
Os-188(n,5n2p)W-182	TALYS-6a	0 [8]	9
Os-189(n,n')Os-189m	TALYS-6a	0	91
Os-189(n,2nd)Re-186g	TALYS-6a	0	26
Os-189(n,2nd)Re-186m	TALYS-6a	0	26
Os-189(n,2n)Os-188	TALYS-6a	0	56
Os-189(n,3n)Os-187	TALYS-6a	0	34
Os-189(n,n'a)W-185g	TALYS-6a	0	100
Os-189(n,n'a)W-185m	TALYS-6a	0	100
Os-189(n,2na)W-184	TALYS-6a	0 [8]	44
Os-189(n,3na)W-183g	TALYS-6a	0	30
Os-189(n,3na)W-183m	TALYS-6a	0	30
Os-189(n,n'p)Re-188g	TALYS-6a	0 [4,8]	44
Os-189(n,n'p)Re-188m	TALYS-6a	0 [4,7,8,8]	43
Os-189(n,2n2a)Hf-180g	TALYS-6a	0	29
Os-189(n,2n2a)Hf-180m	TALYS-6a	0	28
Os-189(n,n'd)Re-187	TALYS-6a	0 [8]	35
Os-189(n,n't)Re-186g	TALYS-6a	0	32
Os-189(n,n't)Re-186m	TALYS-6a	0	32
Os-189(n,n'h)W-186	TALYS-6a	0 [8]	29
Os-189(n,4n)Os-186	TALYS-6a	0	26
Os-189(n,2np)Re-187	TALYS-6a	0 [8]	32
Os-189(n,3np)Re-186g	TALYS-6a	0	25
Os-189(n,3np)Re-186m	TALYS-6a	0	24
Os-189(n,n'2p)W-187	TALYS-6a	0 [8]	27
Os-189(n,n'pa)Ta-184	TALYS-6a	0 [8]	31
>Os-189(n,g)Os-190g	FISPRO	4 [13,4,6]	1246
>Os-189(n,g)Os-190m	FISPRO	2 [7,13,4,6]	1246
Os-189(n,p)Re-189	ADL-3	4 [13,3]	45
Os-189(n,d)Re-188g	TALYS-6a	0 [4,8]	50
Os-189(n,d)Re-188m	TALYS-6a	0 [4,7,8,8]	49
Os-189(n,t)Re-187	TALYS-6a	0 [8]	50
Os-189(n,h)W-187	TALYS-6a	0 [8]	37
Os-189(n,a)W-186	TALYS-6	2 [9,2,3]	1201
Os-189(n,2a)Hf-182g	TALYS-6a	0	100
Os-189(n,2a)Hf-182m	TALYS-6a	0	100
Os-189(n,2p)W-188	TALYS-6a	0 [8]	36
Os-189(n,pd)W-187	TALYS-6a	0 [8]	28
Os-189(n,5n)Os-185	TALYS-6a	0	18
Os-189(n,6n)Os-184	TALYS-6a	0	14
Os-189(n,2nt)Re-185	TALYS-6a	0 [8]	25
Os-189(n,4np)Re-185	TALYS-6a	0 [8]	18
Os-189(n,3nd)Re-185	TALYS-6a	0 [8]	20
Os-189(n,n'da)Ta-183	TALYS-6a	0 [8]	26
Os-189(n,2npa)Ta-183	TALYS-6a	0 [8]	25
Os-189(n,7n)Os-183g	TALYS-6a	0	10
Os-189(n,7n)Os-183m	TALYS-6a	0	9
Os-189(n,8n)Os-182	TALYS-6a	0	6
Os-189(n,5np)Re-184g	TALYS-6a	0	14
Os-189(n,5np)Re-184m	TALYS-6a	0	13
Os-189(n,6np)Re-183	TALYS-6a	0 [8]	10
Os-189(n,7np)Re-182g	TALYS-6a	0 [4,8]	6
Os-189(n,7np)Re-182m	TALYS-6a	0 [4,7,8,8]	5
Os-189(n,4na)W-182	TALYS-6a	0 [8]	24
Os-189(n,5na)W-181	TALYS-6a	0 [8]	16
Os-189(n,6na)W-180	TALYS-6a	0 [8]	13
Os-189(n,7na)W-179g	TALYS-6a	0	8
Os-189(n,7na)W-179m	TALYS-6a	0	8
Os-189(n,4nd)Re-184g	TALYS-6a	0	14
Os-189(n,4nd)Re-184m	TALYS-6a	0	14
Os-189(n,5nd)Re-183	TALYS-6a	0 [8]	11
Os-189(n,6nd)Re-182g	TALYS-6a	0 [4,8]	7
Os-189(n,6nd)Re-182m	TALYS-6a	0 [4,7,8,8]	6
Os-189(n,3nt)Re-184g	TALYS-6a	0	17
Os-189(n,3nt)Re-184m	TALYS-6a	0	17
Os-189(n,4nt)Re-183	TALYS-6a	0 [8]	14
Os-189(n,5nt)Re-182g	TALYS-6a	0 [4,8]	9
Os-189(n,5nt)Re-182m	TALYS-6a	0 [4,7,8,8]	8
Os-189(n,6nt)Re-181	TALYS-6a	0 [8]	6
Os-189(n,2nh)W-185g	TALYS-6a	0	22
Os-189(n,2nh)W-185m	TALYS-6a	0	22
Os-189(n,3nh)W-184	TALYS-6a	0 [8]	16
Os-189(n,4nh)W-183g	TALYS-6a	0	13
Os-189(n,4nh)W-183m	TALYS-6a	0	13
Os-189(n,3n2p)W-185g	TALYS-6a	0	15
Os-189(n,3n2p)W-185m	TALYS-6a	0	15
Os-189(n,3n2a)Hf-179g	TALYS-6a	0 [4]	22
Os-189(n,3n2a)Hf-179m	TALYS-6a	0 [4,7,8]	19
Os-189(n,3n2a)Hf-179n	TALYS-6a	0 [4,7,8]	21
Os-189(n,3npa)Ta-182g	TALYS-6a	0 [4]	18
Os-189(n,3npa)Ta-182m	TALYS-6a	0 [4,7,8]	17
Os-189(n,3npa)Ta-182n	TALYS-6a	0 [4,7,8]	17
Os-189(n,n'pd)W-186	TALYS-6a	0 [8]	22
Os-189(n,n'pt)W-185g	TALYS-6a	0	21
Os-189(n,n'pt)W-185m	TALYS-6a	0	21
Os-189(n,n'ta)Ta-182g	TALYS-6a	0 [4]	25
Os-189(n,n'ta)Ta-182m	TALYS-6a	0 [4,7,8]	24
Os-189(n,n'ta)Ta-182n	TALYS-6a	0 [4,7,8]	24
Os-189(n,2n2p)W-186	TALYS-6a	0 [8]	21
Os-189(n,4n2p)W-184	TALYS-6a	0 [8]	12
Os-189(n,4n2a)Hf-178g	TALYS-6a	0 [4]	16
Os-189(n,4n2a)Hf-178m	TALYS-6a	0 [4,7,8]	14
Os-189(n,4n2a)Hf-178n	TALYS-6a	0 [4,7,8]	15
Os-189(n,4npa)Ta-181	TALYS-6a	0 [8]	14
Os-189(n,5n2p)W-183g	TALYS-6a	0	9
Os-189(n,5n2p)W-183m	TALYS-6a	0	9
Os-190(n,n')Os-190m	ADL-3	5 [13,3,7,8,4,5]	55
Os-190(n,2nd)Re-187	TALYS-6a	0 [8]	25
Os-190(n,2n)Os-189g	TALYS-6a	0	46
Os-190(n,2n)Os-189m	TALYS-6a	0	46
Os-190(n,3n)Os-188	TALYS-6a	0	34
Os-190(n,n'a)W-186	TALYS-6a	0	100
Os-190(n,2na)W-185g	TALYS-6a	0	40
Os-190(n,2na)W-185m	TALYS-6a	0	40
Os-190(n,3na)W-184	TALYS-6a	0 [8]	30
Os-190(n,n'p)Re-189	TALYS-6a	0 [8]	43
Os-190(n,n'2a)Hf-182g	TALYS-6a	0	100
Os-190(n,n'2a)Hf-182m	TALYS-6a	0	100
Os-190(n,2n2a)Hf-181	TALYS-6a	0 [8]	27
Os-190(n,n'd)Re-188g	TALYS-6a	0 [4,8]	31
Os-190(n,n'd)Re-188m	TALYS-6a	0 [4,7,8,8]	30
Os-190(n,n't)Re-187	TALYS-6a	0 [8]	31
Os-190(n,n'h)W-187	TALYS-6a	0 [8]	26
Os-190(n,4n)Os-187	TALYS-6a	0	25
Os-190(n,2np)Re-188g	TALYS-6a	0 [4,8]	30
Os-190(n,2np)Re-188m	TALYS-6a	0 [4,7,8,8]	29
Os-190(n,3np)Re-187	TALYS-6a	0 [8]	24
Os-190(n,n'2p)W-188	TALYS-6a	0 [8]	26
Os-190(n,n'pa)Ta-185	TALYS-6a	0 [8]	30
Os-190(n,g)Os-191g	FISPRO	2 [14,13,4,6]	1006
Os-190(n,g)Os-191m	FISPRO	2 [14,13,4,6]	1006
Os-190(n,p)Re-190g	ADL-3	2 [13,3,7,8,16]	45
Os-190(n,p)Re-190m	ADL-3	4 [13,3,7,8,16]	45
Os-190(n,d)Re-189	TALYS-6a	0 [8]	46
Os-190(n,t)Re-188g	TALYS-6a	0 [4,8]	43
Os-190(n,t)Re-188m	TALYS-6a	0 [4,7,8,8]	42
Os-190(n,h)W-188	TALYS-6a	0 [8]	35
Os-190(n,a)W-187	TALYS-5	4 [9,3,10,3]	993
Os-190(n,2p)W-189	TALYS-6a	0 [8]	28
Os-190(n,pd)W-188	TALYS-6a	0 [8]	27
Os-190(n,5n)Os-186	TALYS-6a	0	18
Os-190(n,6n)Os-185	TALYS-6a	0	13
Os-190(n,2nt)Re-186g	TALYS-6a	0	24
Os-190(n,2nt)Re-186m	TALYS-6a	0	24
Os-190(n,4np)Re-186g	TALYS-6a	0	17
Os-190(n,4np)Re-186m	TALYS-6a	0	17
Os-190(n,3nd)Re-186g	TALYS-6a	0	18
Os-190(n,3nd)Re-186m	TALYS-6a	0	18
Os-190(n,2npa)Ta-184	TALYS-6a	0 [8]	23
Os-190(n,7n)Os-184	TALYS-6a	0	10
Os-190(n,8n)Os-183g	TALYS-6a	0	6
Os-190(n,8n)Os-183m	TALYS-6a	0	6
Os-190(n,5np)Re-185	TALYS-6a	0 [8]	13
Os-190(n,6np)Re-184g	TALYS-6a	0	10
Os-190(n,6np)Re-184m	TALYS-6a	0	10
Os-190(n,7np)Re-183	TALYS-6a	0	7
Os-190(n,4na)W-183g	TALYS-6a	0	22
Os-190(n,4na)W-183m	TALYS-6a	0	22
Os-190(n,5na)W-182	TALYS-6a	0 [8]	16
Os-190(n,6na)W-181	TALYS-6a	0 [8]	12
Os-190(n,7na)W-180	TALYS-6a	0 [8]	8
Os-190(n,4nd)Re-185	TALYS-6a	0 [8]	14
Os-190(n,5nd)Re-184g	TALYS-6a	0	10
Os-190(n,5nd)Re-184m	TALYS-6a	0	10
Os-190(n,6nd)Re-183	TALYS-6a	0 [8]	7
Os-190(n,3nt)Re-185	TALYS-6a	0 [8]	17
Os-190(n,4nt)Re-184g	TALYS-6a	0	13
Os-190(n,4nt)Re-184m	TALYS-6a	0	13
Os-190(n,5nt)Re-183	TALYS-6a	0 [8]	10
Os-190(n,6nt)Re-182g	TALYS-6a	0 [4,8]	6
Os-190(n,6nt)Re-182m	TALYS-6a	0 [4,7,8,8]	5
Os-190(n,2nh)W-186	TALYS-6a	0 [8]	21
Os-190(n,3nh)W-185g	TALYS-6a	0	15
Os-190(n,3nh)W-185m	TALYS-6a	0	15
Os-190(n,4nh)W-184	TALYS-6a	0 [8]	12
Os-190(n,3n2p)W-186	TALYS-6a	0 [8]	15

Reaction	Library	Flag	Refs	Value
Os-190(n,3n2a)Hf-180g	TALYS-6a	0		21
Os-190(n,3n2a)Hf-180m	TALYS-6a	0		20
Os-190(n,3npa)Ta-183	TALYS-6a	0	[8]	17
Os-190(n,n'pd)W-187	TALYS-6a	0	[8]	20
Os-190(n,n'pt)W-186	TALYS-6a	0	[8]	20
Os-190(n,2n2p)W-187	TALYS-6a	0	[8]	19
Os-190(n,4n2p)W-185g	TALYS-6a	0		11
Os-190(n,4n2p)W-185m	TALYS-6a	0		11
Os-190(n,4n2a)Hf-179g	TALYS-6a	0	[4]	15
Os-190(n,4n2a)Hf-179m	TALYS-6a	0	[4,7,8]	13
Os-190(n,4n2a)Hf-179n	TALYS-6a	0	[4,7,8]	14
Os-190(n,4npa)Ta-182g	TALYS-6a	0	[4]	13
Os-190(n,4npa)Ta-182m	TALYS-6a	0	[4,7,8]	12
Os-190(n,4npa)Ta-182n	TALYS-6a	0	[4,7,8]	12
Os-190(n,5n2p)W-184	TALYS-6a	0	[8]	9
Os-191(n,n')Os-191m	TALYS-6a	0		90
Os-191(n,2nd)Re-188g	TALYS-6a	0		26
Os-191(n,2nd)Re-188m	TALYS-6a	0		25
Os-191(n,2n)Os-190g	TALYS-6a	0	[4]	57
Os-191(n,2n)Os-190m	TALYS-6a	0	[4,7,8]	47
Os-191(n,3n)Os-189g	TALYS-6a	0		34
Os-191(n,3n)Os-189m	TALYS-6a	0		34
Os-191(n,n'a)W-187	TALYS-6a	0		100
Os-191(n,2na)W-186	TALYS-6a	0	[8]	43
Os-191(n,3na)W-185g	TALYS-6a	0		30
Os-191(n,3na)W-185m	TALYS-6a	0		30
Os-191(n,n'p)Re-190g	TALYS-6a	0		42
Os-191(n,n'p)Re-190m	TALYS-6a	0		42
Os-191(n,2n2a)Hf-182g	TALYS-6a	0		27
Os-191(n,2n2a)Hf-182m	TALYS-6a	0		26
Os-191(n,n'd)Re-189	TALYS-6a	0	[8]	34
Os-191(n,n't)Re-188g	TALYS-6a	0		31
Os-191(n,n't)Re-188m	TALYS-6a	0		31
Os-191(n,n'h)W-188	TALYS-6a	0	[8]	27
Os-191(n,4n)Os-188	TALYS-6a	0		27
Os-191(n,2np)Re-189	TALYS-6a	0	[8]	31
Os-191(n,3np)Re-188g	TALYS-6a	0		24
Os-191(n,3np)Re-188m	TALYS-6a	0		24
Os-191(n,n'2p)W-189	TALYS-6a	0	[8]	24
Os-191(n,g)Os-192g	MASGAM	0	[14,13,13,4,6,4]	75
Os-191(n,g)Os-192m	MASGAM	0	[14,7,13,13,4,6,4]	75
Os-191(n,p)Re-191	TALYS-6a	0	[2,8]	73
Os-191(n,d)Re-190g	TALYS-6a	0		45
Os-191(n,d)Re-190m	TALYS-6a	0		45
Os-191(n,t)Re-189	TALYS-6a	0	[8]	46
Os-191(n,h)W-189	TALYS-6a	0		31
Os-191(n,a)W-188	TALYS-6a	0	[2]	100
Os-191(n,2p)W-190	TALYS-6a	0	[8,7,8]	31
Os-191(n,pd)W-189	TALYS-6a	0	[8]	26
Os-191(n,5n)Os-187	TALYS-6a	0		19
Os-191(n,6n)Os-186	TALYS-6a	0		15
Os-191(n,2nt)Re-187	TALYS-6a	0	[8]	25
Os-191(n,4np)Re-187	TALYS-6a	0	[8]	18
Os-191(n,3nd)Re-187	TALYS-6a	0	[8]	20
Os-191(n,2npa)Ta-185	TALYS-6a	0	[8]	23
Os-191(n,7n)Os-185	TALYS-6a	0		10
Os-191(n,8n)Os-184	TALYS-6a	0		7
Os-191(n,5np)Re-186g	TALYS-6a	0		14
Os-191(n,5np)Re-186m	TALYS-6a	0		14
Os-191(n,6np)Re-185	TALYS-6a	0		11
Os-191(n,7np)Re-184g	TALYS-6a	0		7
Os-191(n,7np)Re-184m	TALYS-6a	0		7
Os-191(n,4na)W-184	TALYS-6a	0	[8]	24
Os-191(n,5na)W-183g	TALYS-6a	0		16
Os-191(n,5na)W-183m	TALYS-6a	0		16
Os-191(n,6na)W-182	TALYS-6a	0	[8]	13
Os-191(n,7na)W-181	TALYS-6a	0	[8]	9
Os-191(n,4nd)Re-186g	TALYS-6a	0		14
Os-191(n,4nd)Re-186m	TALYS-6a	0		14
Os-191(n,5nd)Re-185	TALYS-6a	0	[8]	11
Os-191(n,6nd)Re-184g	TALYS-6a	0		7
Os-191(n,6nd)Re-184m	TALYS-6a	0		7
Os-191(n,3nt)Re-186g	TALYS-6a	0		18
Os-191(n,3nt)Re-186m	TALYS-6a	0		18
Os-191(n,4nt)Re-185	TALYS-6a	0	[8]	14
Os-191(n,5nt)Re-184g	TALYS-6a	0		10
Os-191(n,5nt)Re-184m	TALYS-6a	0		10
Os-191(n,6nt)Re-183	TALYS-6a	0	[8]	7
Os-191(n,2nh)W-187	TALYS-6a	0	[8]	21
Os-191(n,3nh)W-186	TALYS-6a	0	[8]	16
Os-191(n,4nh)W-185g	TALYS-6a	0		12
Os-191(n,4nh)W-185m	TALYS-6a	0		12
Os-191(n,3n2p)W-187	TALYS-6a	0	[8]	15
Os-191(n,3n2a)Hf-181	TALYS-6a	0	[8]	20
Os-191(n,3npa)Ta-184	TALYS-6a	0	[8]	16
Os-191(n,n'pd)W-188	TALYS-6a	0	[8]	21
Os-191(n,2n2p)W-188	TALYS-6a	0	[8]	19
Os-191(n,4n2p)W-186	TALYS-6a	0	[8]	12
Os-191(n,4n2a)Hf-180g	TALYS-6a	0		15
Os-191(n,4n2a)Hf-180m	TALYS-6a	0		15
Os-191(n,4npa)Ta-183	TALYS-6a	0	[8]	14
Os-191(n,5n2p)W-185g	TALYS-6a	0		9
Os-191(n,5n2p)W-185m	TALYS-6a	0		8
Os-191m(n,n')Os-191g	TALYS-6a	0	[8,8,8]	97
Os-191m(n,2nd)Re-188g	TALYS-6a	0		26
Os-191m(n,2nd)Re-188m	TALYS-6a	0		26
Os-191m(n,2n)Os-190g	TALYS-6a	0	[4]	57
Os-191m(n,2n)Os-190m	TALYS-6a	0	[4,7,8]	47
Os-191m(n,3n)Os-189g	TALYS-6a	0		34
Os-191m(n,3n)Os-189m	TALYS-6a	0		34
Os-191m(n,n'a)W-187	TALYS-6a	0		100
Os-191m(n,2na)W-186	TALYS-6a	0	[8]	43
Os-191m(n,3na)W-185g	TALYS-6a	0		30
Os-191m(n,3na)W-185m	TALYS-6a	0		30
Os-191m(n,n'p)Re-190g	TALYS-6a	0		42
Os-191m(n,n'p)Re-190m	TALYS-6a	0		42
Os-191m(n,2n2a)Hf-182g	TALYS-6a	0		27
Os-191m(n,2n2a)Hf-182m	TALYS-6a	0		26
Os-191m(n,n'd)Re-189	TALYS-6a	0	[8]	34
Os-191m(n,n't)Re-188g	TALYS-6a	0		32
Os-191m(n,n't)Re-188m	TALYS-6a	0		31
Os-191m(n,n'h)W-188	TALYS-6a	0	[8]	28
Os-191m(n,4n)Os-188	TALYS-6a	0		27
Os-191m(n,2np)Re-189	TALYS-6a	0	[8]	31
Os-191m(n,3np)Re-188g	TALYS-6a	0		24
Os-191m(n,3np)Re-188m	TALYS-6a	0		24
Os-191m(n,n'2p)W-189	TALYS-6a	0	[8]	24
Os-191m(n,g)Os-192g	MASGAM	0	[14,13,4,6]	83
Os-191m(n,g)Os-192m	MASGAM	0	[14,7,13,4,6]	83
Os-191m(n,p)Re-191	TALYS-6a	0	[2,8]	73
Os-191m(n,d)Re-190g	TALYS-6a	0		45
Os-191m(n,d)Re-190m	TALYS-6a	0		45
Os-191m(n,t)Re-189	TALYS-6a	0	[8]	46
Os-191m(n,h)W-189	TALYS-6a	0	[8]	31
Os-191m(n,a)W-188	TALYS-6a	0	[2]	100
Os-191m(n,2p)W-190	TALYS-6a	0	[8,7,8]	31
Os-191m(n,pd)W-189	TALYS-6a	0	[8]	26
Os-191m(n,5n)Os-187	TALYS-6a	0		19
Os-191m(n,6n)Os-186	TALYS-6a	0		15
Os-191m(n,2nt)Re-187	TALYS-6a	0	[8]	25
Os-191m(n,4np)Re-187	TALYS-6a	0	[8]	18
Os-191m(n,3nd)Re-187	TALYS-6a	0	[8]	20
Os-191m(n,2npa)Ta-185	TALYS-6a	0	[8]	23
Os-191m(n,7n)Os-185	TALYS-6a	0		10
Os-191m(n,8n)Os-184	TALYS-6a	0		7
Os-191m(n,5np)Re-186g	TALYS-6a	0		14
Os-191m(n,5np)Re-186m	TALYS-6a	0		14
Os-191m(n,6np)Re-185	TALYS-6a	0		11
Os-191m(n,7np)Re-184g	TALYS-6a	0		7
Os-191m(n,7np)Re-184m	TALYS-6a	0		7
Os-191m(n,4na)W-184	TALYS-6a	0	[8]	24
Os-191m(n,5na)W-183g	TALYS-6a	0		16
Os-191m(n,5na)W-183m	TALYS-6a	0		16
Os-191m(n,6na)W-182	TALYS-6a	0	[8]	13
Os-191m(n,7na)W-181	TALYS-6a	0	[8]	9
Os-191m(n,4nd)Re-186g	TALYS-6a	0		14
Os-191m(n,4nd)Re-186m	TALYS-6a	0		14
Os-191m(n,5nd)Re-185	TALYS-6a	0	[8]	11
Os-191m(n,6nd)Re-184g	TALYS-6a	0		8
Os-191m(n,6nd)Re-184m	TALYS-6a	0		7
Os-191m(n,3nt)Re-186g	TALYS-6a	0		18
Os-191m(n,3nt)Re-186m	TALYS-6a	0		18
Os-191m(n,4nt)Re-185	TALYS-6a	0		14
Os-191m(n,5nt)Re-184g	TALYS-6a	0	[8]	10
Os-191m(n,5nt)Re-184m	TALYS-6a	0		10
Os-191m(n,6nt)Re-183	TALYS-6a	0	[8]	7
Os-191m(n,2nh)W-187	TALYS-6a	0	[8]	21
Os-191m(n,3nh)W-186	TALYS-6a	0	[8]	16
Os-191m(n,4nh)W-185g	TALYS-6a	0		13
Os-191m(n,4nh)W-185m	TALYS-6a	0		12
Os-191m(n,3n2p)W-187	TALYS-6a	0	[8]	15
Os-191m(n,3n2a)Hf-181	TALYS-6a	0	[8]	20
Os-191m(n,3npa)Ta-184	TALYS-6a	0	[8]	16
Os-191m(n,n'pd)W-188	TALYS-6a	0	[8]	21
Os-191m(n,2n2p)W-188	TALYS-6a	0	[8]	20
Os-191m(n,4n2p)W-186	TALYS-6a	0	[8]	12
Os-191m(n,4n2a)Hf-180g	TALYS-6a	0		15
Os-191m(n,4n2a)Hf-180m	TALYS-6a	0		15
Os-191m(n,4npa)Ta-183	TALYS-6a	0	[8]	14
Os-191m(n,5n2p)W-185g	TALYS-6a	0		9
Os-191m(n,5n2p)W-185m	TALYS-6a	0		9
Os-192(n,n')Os-192m	LANL(HERMAN)	2	[13,5]	59
Os-192(n,2nd)Re-189	TALYS-6a	0	[8]	25
Os-192(n,2n)Os-191g	FENDL/A-1	2	[13,8]	64
Os-192(n,2n)Os-191m	FENDL/A-1	2	[13,8]	64
Os-192(n,3n)Os-190g	TALYS-6a	0	[4]	35
Os-192(n,3n)Os-190m	ADL-3	4	[13,4]	31
Os-192(n,n'a)W-188	TALYS-6a	0		100
Os-192(n,2na)W-187	TALYS-6a	0	[8]	38
Os-192(n,3na)W-186	TALYS-6a	0	[8]	29
Os-192(n,n'p)Re-191	TALYS-6a	0		41
Os-192(n,n'd)Re-190g	TALYS-6a	0		31
Os-192(n,n'd)Re-190m	TALYS-6a	0		30
Os-192(n,n't)Re-189	TALYS-6a	0	[8]	31
Os-192(n,n'h)W-189	TALYS-6a	0	[8]	25
Os-192(n,4n)Os-189g	TALYS-6a	0		25
Os-192(n,4n)Os-189m	TALYS-6a	0		25
Os-192(n,2np)Re-190g	TALYS-6a	0		29
Os-192(n,2np)Re-190m	TALYS-6a	0		29
Os-192(n,3np)Re-189	TALYS-6a	0	[8]	24
Os-192(n,n'2p)W-190	TALYS-6a	0	[8,7,8]	23
>Os-192(n,g)Os-193	FISPRO	4	[14,13]	397
Os-192(n,p)Re-192	ADL-3	2	[13,3,7,8]	44
Os-192(n,d)Re-191	TALYS-6a	0	[8]	44
Os-192(n,t)Re-190g	TALYS-6a	0		42
Os-192(n,t)Re-190m	TALYS-6a	0		41
Os-192(n,h)W-190	TALYS-6a	0	[8,7,8]	32
Os-192(n,a)W-189	TALYS-6	2	[9,3]	396
Os-192(n,2p)W-191	TALYS-6a	0	[8,7,8]	26
Os-192(n,pd)W-190	TALYS-6a	0	[8,7,8]	25
Os-192(n,5n)Os-188	TALYS-6a	0		19
Os-192(n,6n)Os-187	TALYS-6a	0		14
Os-192(n,2nt)Re-188g	TALYS-6a	0		24
Os-192(n,2nt)Re-188m	TALYS-6a	0		24
Os-192(n,4np)Re-188g	TALYS-6a	0		16
Os-192(n,4np)Re-188m	TALYS-6a	0		16
Os-192(n,3nd)Re-188g	TALYS-6a	0		18
Os-192(n,3nd)Re-188m	TALYS-6a	0		18
Os-192(n,2npa)Ta-186	TALYS-6a	0		21
Os-192(n,7n)Os-186	TALYS-6a	0		11
Os-192(n,8n)Os-185	TALYS-6a	0		7
Os-192(n,5np)Re-187	TALYS-6a	0		14
Os-192(n,6np)Re-186g	TALYS-6a	0		10
Os-192(n,6np)Re-186m	TALYS-6a	0		10
Os-192(n,7np)Re-185	TALYS-6a	0		7
Os-192(n,4na)W-185g	TALYS-6a	0		22
Os-192(n,4na)W-185m	TALYS-6a	0		22
Os-192(n,5na)W-184	TALYS-6a	0	[8]	16

Reaction	Library			
Os-192(n,6na)W-183g	TALYS-6a	0		12
Os-192(n,6na)W-183m	TALYS-6a	0		12
Os-192(n,7na)W-182	TALYS-6a	0	[8]	9
Os-192(n,4nd)Re-187	TALYS-6a	0	[8]	14
Os-192(n,5nd)Re-186g	TALYS-6a	0		11
Os-192(n,5nd)Re-186m	TALYS-6a	0		10
Os-192(n,6nd)Re-185	TALYS-6a	0	[8]	8
Os-192(n,3nt)Re-187	TALYS-6a	0	[8]	18
Os-192(n,4nt)Re-186g	TALYS-6a	0		13
Os-192(n,4nt)Re-186m	TALYS-6a	0		13
Os-192(n,5nt)Re-185	TALYS-6a	0	[8]	10
Os-192(n,6nt)Re-184g	TALYS-6a	0		6
Os-192(n,6nt)Re-184m	TALYS-6a	0		6
Os-192(n,2nh)W-188	TALYS-6a	0	[8]	20
Os-192(n,3nh)W-187	TALYS-6a	0	[8]	15
Os-192(n,4nh)W-186	TALYS-6a	0	[8]	12
Os-192(n,3n2p)W-188	TALYS-6a	0	[8]	14
Os-192(n,3n2a)Hf-182g	TALYS-6a	0		19
Os-192(n,3n2a)Hf-182m	TALYS-6a	0		18
Os-192(n,3npa)Ta-185	TALYS-6a	0	[8]	16
Os-192(n,n'pd)W-189	TALYS-6a	0	[8]	18
Os-192(n,2n2p)W-189	TALYS-6a	0	[8]	17
Os-192(n,4n2p)W-187	TALYS-6a	0	[8]	11
Os-192(n,4n2a)Hf-181	TALYS-6a	0	[8]	14
Os-192(n,4npa)Ta-184	TALYS-6a	0	[8]	12
Os-193(n,2nd)Re-190g	TALYS-6a	0		25
Os-193(n,2nd)Re-190m	TALYS-6a	0		25
Os-193(n,2n)Os-192g	TALYS-6a	0	[4]	57
Os-193(n,2n)Os-192m	TALYS-6a	0	[4,7,8]	46
Os-193(n,3n)Os-191g	TALYS-6a	0		35
Os-193(n,3n)Os-191m	TALYS-6a	0		35
Os-193(n,n'a)W-189	TALYS-6a	0	[8]	56
Os-193(n,2na)W-188	TALYS-6a	0	[8]	41
Os-193(n,3na)W-187	TALYS-6a	0	[8]	29
Os-193(n,n'p)Re-192	TALYS-6a	0	[8]	42
Os-193(n,2n2a)Hf-184g	TALYS-6a	0	[4,8]	25
Os-193(n,2n2a)Hf-184m	TALYS-6a	0	[4,7,8,8]	24
Os-193(n,n'd)Re-191	TALYS-6a	0	[8]	32
Os-193(n,n't)Re-190g	TALYS-6a	0		31
Os-193(n,n't)Re-190m	TALYS-6a	0		31
Os-193(n,n'h)W-190	TALYS-6a	0	[8,7,8]	27
Os-193(n,4n)Os-190g	TALYS-6a	0	[4]	27
Os-193(n,4n)Os-190m	TALYS-6a	0	[4,7,8]	25
Os-193(n,2np)Re-191	TALYS-6a	0	[8]	31
Os-193(n,3np)Re-190g	TALYS-6a	0		24
Os-193(n,3np)Re-190m	TALYS-6a	0		24
Os-193(n,n'2p)W-191	TALYS-6a	0	[8,7,8]	23
Os-193(n,g)Os-194	MASGAM	2	[14,13]	69
Os-193(n,p)Re-193	TALYS-6a	0	[2,8,7,8]	70
Os-193(n,d)Re-192	TALYS-6a	0	[8]	43
Os-193(n,t)Re-191	TALYS-6a	0	[8]	44
Os-193(n,h)W-191	TALYS-6a	0	[8,7,8]	30
Os-193(n,a)W-190	TALYS-6a	0	[2]	100
Os-193(n,2p)W-192	TALYS-6a	0	[8,7,8]	27
Os-193(n,pd)W-191	TALYS-6a	0	[8,7,8]	24
Os-193(n,5n)Os-189g	TALYS-6a	0		20
Os-193(n,5n)Os-189m	TALYS-6a	0		20
Os-193(n,6n)Os-188	TALYS-6a	0		15
Os-193(n,2nt)Re-189	TALYS-6a	0	[8]	25
Os-193(n,4np)Re-189	TALYS-6a	0		19
Os-193(n,3nd)Re-189	TALYS-6a	0	[8]	19
Os-193(n,2npa)Ta-187	TALYS-6a	0	[8]	22
Os-193(n,7n)Os-187	TALYS-6a	0		11
Os-193(n,8n)Os-186	TALYS-6a	0		8
Os-193(n,5np)Re-188g	TALYS-6a	0		14
Os-193(n,5np)Re-188m	TALYS-6a	0		14
Os-193(n,6np)Re-187	TALYS-6a	0		11
Os-193(n,7np)Re-186g	TALYS-6a	0		7
Os-193(n,7np)Re-186m	TALYS-6a	0		7
Os-193(n,4na)W-186	TALYS-6a	0	[8]	23
Os-193(n,5na)W-185g	TALYS-6a	0		16
Os-193(n,5na)W-185m	TALYS-6a	0		16
Os-193(n,6na)W-184	TALYS-6a	0	[8]	13
Os-193(n,7na)W-183g	TALYS-6a	0		9
Os-193(n,7na)W-183m	TALYS-6a	0		9
Os-193(n,4nd)Re-188g	TALYS-6a	0		14
Os-193(n,4nd)Re-188m	TALYS-6a	0		14
Os-193(n,5nd)Re-187	TALYS-6a	0	[8]	11
Os-193(n,6nd)Re-186g	TALYS-6a	0		8
Os-193(n,6nd)Re-186m	TALYS-6a	0		8
Os-193(n,3nt)Re-188g	TALYS-6a	0		18
Os-193(n,3nt)Re-188m	TALYS-6a	0		18
Os-193(n,4nt)Re-187	TALYS-6a	0	[8]	14
Os-193(n,5nt)Re-186g	TALYS-6a	0		10
Os-193(n,5nt)Re-186m	TALYS-6a	0		10
Os-193(n,6nt)Re-185	TALYS-6a	0	[8]	7
Os-193(n,2nh)W-189	TALYS-6a	0	[8]	20
Os-193(n,3nh)W-188	TALYS-6a	0	[8]	16
Os-193(n,4nh)W-187	TALYS-6a	0	[8]	13
Os-193(n,3n2p)W-189	TALYS-6a	0	[8]	14
Os-193(n,3n2a)Hf-183	TALYS-6a	0	[8]	18
Os-193(n,3npa)Ta-186	TALYS-6a	0	[8]	16
Os-193(n,n'pd)W-190	TALYS-6a	0	[8,7,8]	19
Os-193(n,2n2p)W-190	TALYS-6a	0	[8,7,8]	18
Os-193(n,4n2p)W-188	TALYS-6a	0	[8]	12
Os-193(n,4n2a)Hf-182g	TALYS-6a	0		14
Os-193(n,4n2a)Hf-182m	TALYS-6a	0		14
Os-193(n,4npa)Ta-185	TALYS-6a	0	[8]	13
Os-194(n,2nd)Re-191	TALYS-6a	0	[8]	26
Os-194(n,2n)Os-193	TALYS-6a	0		50
Os-194(n,3n)Os-192g	TALYS-6a	0	[4]	36
Os-194(n,3n)Os-192m	TALYS-6a	0	[4,7,8]	31
Os-194(n,n'a)W-190	TALYS-6a	0		100
Os-194(n,2na)W-189	TALYS-6a	0	[8]	36
Os-194(n,3na)W-188	TALYS-6a	0	[8]	29
Os-194(n,n'p)Re-193	TALYS-6a	0	[8,7,8]	41
Os-194(n,n'd)Re-192	TALYS-6a	0	[8]	31
Os-194(n,n't)Re-191	TALYS-6a	0	[8]	31
Os-194(n,n'h)W-191	TALYS-6a	0	[8,7,8]	25
Os-194(n,4n)Os-191g	TALYS-6a	0		26
Os-194(n,4n)Os-191m	TALYS-6a	0		26
Os-194(n,2np)Re-192	TALYS-6a	0		30
Os-194(n,3np)Re-191	TALYS-6a	0	[8]	24
Os-194(n,n'2p)W-192	TALYS-6a	0	[8,7,8]	23
Os-194(n,g)Os-195	MASGAM	0	[14,13]	83
Os-194(n,p)Re-194	TALYS-6a	0	[2,8,7,8]	59
Os-194(n,d)Re-193	TALYS-6a	0	[8,7,8]	44
Os-194(n,t)Re-192	TALYS-6a	0	[8]	40
Os-194(n,h)W-192	TALYS-6a	0	[8,7,8]	30
Os-194(n,a)W-191	TALYS-6a	0		100
Os-194(n,2p)W-193	TALYS-6a	0	[8,7,8]	24
Os-194(n,pd)W-192	TALYS-6a	0	[8,7,8]	24
Os-194(n,5n)Os-190g	TALYS-6a	0	[4]	20
Os-194(n,5n)Os-190m	TALYS-6a	0	[4,7,8]	18
Os-194(n,6n)Os-189g	TALYS-6a	0		15
Os-194(n,6n)Os-189m	TALYS-6a	0		14
Os-194(n,2nt)Re-190g	TALYS-6a	0		24
Os-194(n,2nt)Re-190m	TALYS-6a	0		23
Os-194(n,4np)Re-190g	TALYS-6a	0		17
Os-194(n,4np)Re-190m	TALYS-6a	0		17
Os-194(n,3nd)Re-190g	TALYS-6a	0		19
Os-194(n,3nd)Re-190m	TALYS-6a	0		19
Os-194(n,2npa)Ta-188	TALYS-6a	0	[8,7,8]	19
Os-194(n,7n)Os-188	TALYS-6a	0		12
Os-194(n,8n)Os-187	TALYS-6a	0		8
Os-194(n,5np)Re-189	TALYS-6a	0		14
Os-194(n,6np)Re-188g	TALYS-6a	0		11
Os-194(n,6np)Re-188m	TALYS-6a	0		10
Os-194(n,7np)Re-187	TALYS-6a	0		8
Os-194(n,4na)W-187	TALYS-6a	0	[8]	22
Os-194(n,5na)W-186	TALYS-6a	0	[8]	16
Os-194(n,6na)W-185g	TALYS-6a	0		13
Os-194(n,6na)W-185m	TALYS-6a	0		13
Os-194(n,7na)W-184	TALYS-6a	0	[8]	10
Os-194(n,4nd)Re-189	TALYS-6a	0	[8]	15
Os-194(n,5nd)Re-188g	TALYS-6a	0		11
Os-194(n,5nd)Re-188m	TALYS-6a	0		11
Os-194(n,6nd)Re-187	TALYS-6a	0	[8]	8
Os-194(n,3nt)Re-189	TALYS-6a	0	[8]	18
Os-194(n,4nt)Re-188g	TALYS-6a	0		13
Os-194(n,4nt)Re-188m	TALYS-6a	0		13
Os-194(n,5nt)Re-187	TALYS-6a	0	[8]	11
Os-194(n,6nt)Re-186g	TALYS-6a	0		7
Os-194(n,6nt)Re-186m	TALYS-6a	0		7
Os-194(n,2nh)W-190	TALYS-6a	0	[8,7,8]	20
Os-194(n,3nh)W-189	TALYS-6a	0	[8]	15
Os-194(n,4nh)W-188	TALYS-6a	0	[8]	13
Os-194(n,3n2p)W-190	TALYS-6a	0	[8,7,8]	14
Os-194(n,3n2a)Hf-184g	TALYS-6a	0	[4,8]	17
Os-194(n,3n2a)Hf-184m	TALYS-6a	0	[4,7,8,8]	16
Os-194(n,3npa)Ta-187	TALYS-6a	0	[8]	16
Os-194(n,n'pd)W-191	TALYS-6a	0	[8,7,8]	18
Os-194(n,2n2p)W-191	TALYS-6a	0	[8,7,8]	17
Os-194(n,4n2p)W-189	TALYS-6a	0	[8]	11
Os-194(n,4n2a)Hf-183	TALYS-6a	0	[8]	14
Os-194(n,4npa)Ta-186	TALYS-6a	0	[8]	13
Ir-185(n,2nd)Os-182	TALYS-6a	0	[8]	27
Ir-185(n,2n)Ir-184	TALYS-6a	0		44
Ir-185(n,3n)Ir-183	TALYS-6a	0		30
Ir-185(n,n'a)Re-181	TALYS-6a	0		100
Ir-185(n,n'3a)Lu-173	TALYS-6a	0		100
Ir-185(n,2na)Re-180	TALYS-6a	0	[8]	41
Ir-185(n,3na)Re-179	TALYS-6a	0	[8]	29
Ir-185(n,n'p)Os-184	TALYS-6a	0	[8]	62
Ir-185(n,n'2a)Ta-177	TALYS-6a	0		100
Ir-185(n,2n2a)Ta-176	TALYS-6a	0	[8]	31
Ir-185(n,n'd)Os-183g	TALYS-6a	0		37
Ir-185(n,n'd)Os-183m	TALYS-6a	0		37
Ir-185(n,n't)Os-182	TALYS-6a	0	[8]	35
Ir-185(n,n'h)Re-182g	TALYS-6a	0	[4,8]	30
Ir-185(n,n'h)Re-182m	TALYS-6a	0	[4,7,8,8]	29
Ir-185(n,n'd2a)Hf-175	TALYS-6a	0	[8]	20
Ir-185(n,n't2a)Hf-174	TALYS-6a	0	[8]	19
Ir-185(n,4n)Ir-182	TALYS-6a	0		21
Ir-185(n,2np)Os-183g	TALYS-6a	0		35
Ir-185(n,2np)Os-183m	TALYS-6a	0		34
Ir-185(n,3np)Os-182	TALYS-6a	0	[8]	26
Ir-185(n,n'2p)Re-183	TALYS-6a	0	[8]	34
Ir-185(n,n'pa)W-180	TALYS-6a	0	[8]	44
Ir-185(n,g)Ir-186g	MASGAM	0	[14,13,4,6]	83
Ir-185(n,g)Ir-186m	MASGAM	0	[14,13,4,6]	83
Ir-185(n,p)Os-185	TALYS-6a	0	[2]	100
Ir-185(n,d)Os-184	TALYS-6a	0	[8]	70
Ir-185(n,t)Os-183g	TALYS-6a	0		55
Ir-185(n,t)Os-183m	TALYS-6a	0		54
Ir-185(n,h)Re-183	TALYS-6a	0	[8]	48
Ir-185(n,a)Re-182g	TALYS-6a	0	[4,2]	100
Ir-185(n,a)Re-182m	TALYS-6a	0	[4,7,2]	100
Ir-185(n,2a)Ta-178g	TALYS-6a	0	[4,10]	100
Ir-185(n,2a)Ta-178m	TALYS-6a	0	[4,7,10]	100
Ir-185(n,2p)Re-184g	TALYS-6a	0		49
Ir-185(n,2p)Re-184m	TALYS-6a	0		48
Ir-185(n,pa)W-181	TALYS-6a	0		100
Ir-185(n,pd)Re-183	TALYS-6a	0	[8]	36
Ir-185(n,pt)Re-182g	TALYS-6a	0	[4,8]	31
Ir-185(n,pt)Re-182m	TALYS-6a	0	[4,7,8,8]	30
Ir-185(n,da)W-180	TALYS-6a	0		100
Ir-185(n,5n)Ir-181	TALYS-6a	0		15
Ir-185(n,6n)Ir-180	TALYS-6a	0		10
Ir-185(n,2nt)Os-181g	TALYS-6a	0		24
Ir-185(n,2nt)Os-181m	TALYS-6a	0		24
Ir-185(n,ta)W-179g	TALYS-6a	0		39
Ir-185(n,ta)W-179m	TALYS-6a	0		38
Ir-185(n,4np)Os-181g	TALYS-6a	0		16
Ir-185(n,4np)Os-181m	TALYS-6a	0		17
Ir-185(n,3nd)Os-181g	TALYS-6a	0		18
Ir-185(n,3nd)Os-181m	TALYS-6a	0		18
Ir-185(n,n'da)W-179g	TALYS-6a	0		29

Reaction	Code	Flag	Value
Ir-185(n,n'da)W-179m	TALYS-6a	0	29
Ir-185(n,2npa)W-179g	TALYS-6a	0	29
Ir-185(n,2npa)W-179m	TALYS-6a	0	28
Ir-185(n,5np)Os-180	TALYS-6a	0 [8]	13
Ir-185(n,6np)Os-179	TALYS-6a	0 [8,7,8]	8
Ir-185(n,4na)Re-178	TALYS-6a	0 [8]	19
Ir-185(n,5na)Re-177	TALYS-6a	0 [8]	14
Ir-185(n,6na)Re-176	TALYS-6a	0 [8]	10
Ir-185(n,4nd)Os-180	TALYS-6a	0 [8]	14
Ir-185(n,5nd)Os-179	TALYS-6a	0 [8,7,8]	9
Ir-185(n,3nt)Os-180	TALYS-6a	0 [8]	16
Ir-185(n,4nt)Os-179	TALYS-6a	0 [8,7,8]	11
Ir-185(n,2nh)Re-181	TALYS-6a	0 [8]	24
Ir-185(n,3nh)Re-180	TALYS-6a	0 [8]	16
Ir-185(n,4nh)Re-179	TALYS-6a	0 [8]	12
Ir-185(n,3n2p)Re-181	TALYS-6a	0 [8]	17
Ir-185(n,3n2a)Ta-175	TALYS-6a	0 [8]	24
Ir-185(n,3npa)W-178	TALYS-6a	0 [8]	22
Ir-185(n,n'pd)Re-182g	TALYS-6a	0 [4,8]	25
Ir-185(n,n'pd)Re-182m	TALYS-6a	0 [4,7,8,8]	24
Ir-185(n,n'pt)Re-181	TALYS-6a	0 [8]	24
Ir-185(n,n'dt)Re-180	TALYS-6a	0 [8]	16
Ir-185(n,n'ph)W-181	TALYS-6a	0 [8]	20
Ir-185(n,n'ta)W-178	TALYS-6a	0 [8]	28
Ir-185(n,2n2p)Re-182g	TALYS-6a	0 [4,8]	24
Ir-185(n,2n2p)Re-182m	TALYS-6a	0 [4,7,8,8]	23
Ir-185(n,4n2p)Re-180	TALYS-6a	0 [8]	12
Ir-185(n,4n2a)Ta-174	TALYS-6a	0 [8]	16
Ir-185(n,4npa)W-177	TALYS-6a	0 [8]	14
Ir-185(n,5n2p)Re-179	TALYS-6a	0 [8]	8
Ir-186(n,n')Ir-186m	TALYS-5a	0	89
Ir-186(n,2nd)Os-183g	TALYS-6a	0	28
Ir-186(n,2nd)Os-183m	TALYS-6a	0	27
Ir-186(n,2n)Ir-185	TALYS-6a	0	51
Ir-186(n,3n)Ir-184	TALYS-6a	0	31
Ir-186(n,n'a)Re-182g	TALYS-6a	0 [4]	100
Ir-186(n,n'a)Re-182m	TALYS-6a	0 [4,7]	100
Ir-186(n,n'3a)Lu-174g	TALYS-6a	0	100
Ir-186(n,n'3a)Lu-174m	TALYS-6a	0	100
Ir-186(n,2na)Re-181	TALYS-6a	0 [8]	46
Ir-186(n,3na)Re-180	TALYS-6a	0 [8]	29
Ir-186(n,n'p)Os-185	TALYS-6a	0 [8]	61
Ir-186(n,n'2a)Ta-178g	TALYS-6a	0 [4]	100
Ir-186(n,n'2a)Ta-178m	TALYS-6a	0 [4,7]	100
Ir-186(n,2n2a)Ta-177	TALYS-6a	0 [8]	34
Ir-186(n,n'd)Os-184	TALYS-6a	0 [8]	41
Ir-186(n,n't)Os-183g	TALYS-6a	0	35
Ir-186(n,n't)Os-183m	TALYS-6a	0	35
Ir-186(n,n'h)Re-183	TALYS-6a	0 [8]	33
Ir-186(n,n'd2a)Hf-176	TALYS-6a	0 [8]	21
Ir-186(n,n't2a)Hf-175	TALYS-6a	0 [8]	18
Ir-186(n,4n)Ir-183	TALYS-6a	0	23
Ir-186(n,2np)Os-184	TALYS-6a	0 [8]	38
Ir-186(n,3np)Os-183g	TALYS-6a	0	26
Ir-186(n,3np)Os-183m	TALYS-6a	0	26
Ir-186(n,n'2p)Re-184g	TALYS-6a	0	32
Ir-186(n,n'2p)Re-184m	TALYS-6a	0	32
Ir-186(n,n'pa)W-181	TALYS-6a	0 [8]	43
Ir-186(n,g)Ir-187	MASGAM	0 [14,13]	83
Ir-186(n,p)Os-186	TALYS-6a	0 [2]	100
Ir-186(n,d)Os-185	TALYS-6a	0 [8]	68
Ir-186(n,t)Os-184	TALYS-6a	0 [8]	64
Ir-186(n,h)Re-184g	TALYS-6a	0	46
Ir-186(n,h)Re-184m	TALYS-6a	0	45
Ir-186(n,a)Re-183	TALYS-6a	0 [2]	100
Ir-186(n,2a)Ta-179	TALYS-6a	0 [10]	100
Ir-186(n,2p)Re-185	TALYS-6a	0 [8]	53
Ir-186(n,pa)W-182	TALYS-6a	0 [10]	100
Ir-186(n,pd)Re-184g	TALYS-6a	0	34
Ir-186(n,pd)Re-184m	TALYS-6a	0	34
Ir-186(n,pt)Re-183	TALYS-6a	0 [8]	33
Ir-186(n,da)W-181	TALYS-6a	0	100
Ir-186(n,5n)Ir-182	TALYS-6a	0	15
Ir-186(n,6n)Ir-181	TALYS-6a	0	11
Ir-186(n,2nt)Os-182	TALYS-6a	0 [8]	26
Ir-186(n,ta)W-180	TALYS-6a	0	100
Ir-186(n,4np)Os-182	TALYS-6a	0 [8]	19
Ir-186(n,3nd)Os-182	TALYS-6a	0 [8]	20
Ir-186(n,n'da)W-180	TALYS-6a	0 [8]	31
Ir-186(n,2npa)W-180	TALYS-6a	0 [8]	31
Ir-186(n,5np)Os-181g	TALYS-6a	0	13
Ir-186(n,5np)Os-181m	TALYS-6a	0	13
Ir-186(n,6np)Os-180	TALYS-6a	0	10
Ir-186(n,4na)Re-179	TALYS-6a	0 [8]	22
Ir-186(n,5na)Re-178	TALYS-6a	0 [8]	14
Ir-186(n,6na)Re-177	TALYS-6a	0 [8]	11
Ir-186(n,4nd)Os-181g	TALYS-6a	0	14
Ir-186(n,4nd)Os-181m	TALYS-6a	0	14
Ir-186(n,5nd)Os-180	TALYS-6a	0 [8]	10
Ir-186(n,3nt)Os-181g	TALYS-6a	0	17
Ir-186(n,3nt)Os-181m	TALYS-6a	0	17
Ir-186(n,4nt)Os-180	TALYS-6a	0 [8]	13
Ir-186(n,5nt)Os-179	TALYS-6a	0 [8,7,8]	8
Ir-186(n,2nh)Re-182g	TALYS-6a	0 [4,8]	24
Ir-186(n,2nh)Re-182m	TALYS-6a	0 [4,7,8,8]	23
Ir-186(n,3nh)Re-181	TALYS-6a	0 [8]	17
Ir-186(n,4nh)Re-180	TALYS-6a	0 [8]	12
Ir-186(n,3n2p)Re-182g	TALYS-6a	0 [4,8]	17
Ir-186(n,3n2p)Re-182m	TALYS-6a	0 [4,7,8,8]	16
Ir-186(n,3n2a)Ta-176	TALYS-6a	0 [8]	24
Ir-186(n,3npa)W-179g	TALYS-6a	0	22
Ir-186(n,3npa)W-179m	TALYS-6a	0	21
Ir-186(n,n'pd)Re-183	TALYS-6a	0 [8]	27
Ir-186(n,n'pt)Re-182g	TALYS-6a	0 [4,8]	24
Ir-186(n,n'pt)Re-182m	TALYS-6a	0 [4,7,8,8]	23
Ir-186(n,n'dt)Re-181	TALYS-6a	0 [8]	17
Ir-186(n,n'ph)W-182	TALYS-6a	0 [8]	22
Ir-186(n,n'ta)W-179g	TALYS-6a	0	28
Ir-186(n,n'ta)W-179m	TALYS-6a	0	28
Ir-186(n,2n2p)Re-183	TALYS-6a	0 [8]	25
Ir-186(n,4n2p)Re-181	TALYS-6a	0 [8]	13
Ir-186(n,4n2a)Ta-175	TALYS-6a	0 [8]	17
Ir-186(n,4npa)W-178	TALYS-6a	0 [8]	16
Ir-186(n,5n2p)Re-180	TALYS-6a	0 [8]	9
Ir-187(n,2nd)Os-184	TALYS-6a	0 [8]	28
Ir-187(n,2n)Ir-186g	TALYS-6a	0 [4]	44
Ir-187(n,2n)Ir-186m	TALYS-6a	0 [4,7,8]	43
Ir-187(n,3n)Ir-185	TALYS-6a	0	31
Ir-187(n,n'a)Re-183	TALYS-6a	0	100
Ir-187(n,2na)Re-182g	TALYS-6a	0 [4,8]	42
Ir-187(n,2na)Re-182m	TALYS-6a	0 [4,7,8,8]	41
Ir-187(n,3na)Re-181	TALYS-6a	0 [8]	30
Ir-187(n,n'p)Os-186	TALYS-6a	0 [8]	60
Ir-187(n,n'2a)Ta-179	TALYS-6a	0	100
Ir-187(n,2n2a)Ta-178g	TALYS-6a	0 [4,8]	28
Ir-187(n,2n2a)Ta-178m	TALYS-6a	0 [4,7,8,8]	27
Ir-187(n,n'd)Os-185	TALYS-6a	0 [8]	37
Ir-187(n,n't)Os-184	TALYS-6a	0 [8]	35
Ir-187(n,n'h)Re-184g	TALYS-6a	0	30
Ir-187(n,n'h)Re-184m	TALYS-6a	0	30
Ir-187(n,4n)Ir-184	TALYS-6a	0	22
Ir-187(n,2np)Os-185	TALYS-6a	0 [8]	34
Ir-187(n,3np)Os-184	TALYS-6a	0 [8]	26
Ir-187(n,n'2p)Re-185	TALYS-6a	0 [8]	31
Ir-187(n,n'pa)W-182	TALYS-6a	0 [8]	42
Ir-187(n,g)Ir-188	TALYS-6a	0 [14]	100
Ir-187(n,p)Os-187	TALYS-6a	0 [2]	100
Ir-187(n,d)Os-186	TALYS-6a	0 [8]	67
Ir-187(n,t)Os-185	TALYS-6a	0 [8]	54
Ir-187(n,h)Re-185	TALYS-6a	0 [8]	44
Ir-187(n,a)Re-184g	TALYS-6a	0 [2]	100
Ir-187(n,a)Re-184m	TALYS-6a	0 [2]	100
Ir-187(n,2p)Re-186g	TALYS-6a	0	42
Ir-187(n,2p)Re-186m	TALYS-6a	0	42
Ir-187(n,pa)W-183g	TALYS-6a	0	100
Ir-187(n,pa)W-183m	TALYS-6a	0	100
Ir-187(n,pd)Re-185	TALYS-6a	0 [8]	32
Ir-187(n,pt)Re-184g	TALYS-6a	0	30
Ir-187(n,pt)Re-184m	TALYS-6a	0	30
Ir-187(n,da)W-182	TALYS-6a	0	100
Ir-187(n,5n)Ir-183	TALYS-6a	0	16
Ir-187(n,6n)Ir-182	TALYS-6a	0	11
Ir-187(n,2nt)Os-183g	TALYS-6a	0	25
Ir-187(n,2nt)Os-183m	TALYS-6a	0	24
Ir-187(n,ta)W-181	TALYS-6a	0 [8]	38
Ir-187(n,4np)Os-183g	TALYS-6a	0	18
Ir-187(n,4np)Os-183m	TALYS-6a	0	17
Ir-187(n,3nd)Os-183g	TALYS-6a	0	19
Ir-187(n,3nd)Os-183m	TALYS-6a	0	19
Ir-187(n,n'da)W-181	TALYS-6a	0 [8]	29
Ir-187(n,2npa)W-181	TALYS-6a	0 [8]	28
Ir-187(n,5np)Os-182	TALYS-6a	0 [8]	13
Ir-187(n,6np)Os-181g	TALYS-6a	0	9
Ir-187(n,6np)Os-181m	TALYS-6a	0	9
Ir-187(n,4na)Re-180	TALYS-6a	0 [8]	21
Ir-187(n,5na)Re-179	TALYS-6a	0 [8]	15
Ir-187(n,6na)Re-178	TALYS-6a	0 [8]	10
Ir-187(n,4nd)Os-182	TALYS-6a	0 [8]	14
Ir-187(n,5nd)Os-181g	TALYS-6a	0	9
Ir-187(n,5nd)Os-181m	TALYS-6a	0	9
Ir-187(n,3nt)Os-182	TALYS-6a	0 [8]	17
Ir-187(n,4nt)Os-181g	TALYS-6a	0	12
Ir-187(n,4nt)Os-181m	TALYS-6a	0	12
Ir-187(n,5nt)Os-180	TALYS-6a	0 [8]	8
Ir-187(n,2nh)Re-183	TALYS-6a	0 [8]	24
Ir-187(n,3nh)Re-182g	TALYS-6a	0 [4,8]	16
Ir-187(n,3nh)Re-182m	TALYS-6a	0 [4,7,8,8]	15
Ir-187(n,4nh)Re-181	TALYS-6a	0 [8]	12
Ir-187(n,3n2p)Re-183	TALYS-6a	0 [8]	16
Ir-187(n,3n2a)Ta-177	TALYS-6a	0 [8]	23
Ir-187(n,3npa)W-180	TALYS-6a	0 [8]	21
Ir-187(n,n'pd)Re-184g	TALYS-6a	0	24
Ir-187(n,n'pd)Re-184m	TALYS-6a	0	24
Ir-187(n,n'pt)Re-183	TALYS-6a	0 [8]	23
Ir-187(n,n'dt)Re-182g	TALYS-6a	0 [4,8]	16
Ir-187(n,n'dt)Re-182m	TALYS-6a	0 [4,7,8,8]	15
Ir-187(n,n'ph)W-183g	TALYS-6a	0	18
Ir-187(n,n'ph)W-183m	TALYS-6a	0	18
Ir-187(n,n'ta)W-180	TALYS-6a	0 [8]	28
Ir-187(n,2n2p)Re-184g	TALYS-6a	0	23
Ir-187(n,2n2p)Re-184m	TALYS-6a	0	23
Ir-187(n,4n2p)Re-182g	TALYS-6a	0 [4,8]	12
Ir-187(n,4n2p)Re-182m	TALYS-6a	0 [4,7,8,8]	11
Ir-187(n,4n2a)Ta-176	TALYS-6a	0 [8]	15
Ir-187(n,4npa)W-179g	TALYS-6a	0	14
Ir-187(n,4npa)W-179m	TALYS-6a	0	14
Ir-187(n,5n2p)Re-181	TALYS-6a	0 [8]	9
Ir-188(n,2nd)Os-185	TALYS-6a	0 [8]	28
Ir-188(n,2n)Ir-187	TALYS-6a	0	52
Ir-188(n,3n)Ir-186g	TALYS-6a	0 [4]	31
Ir-188(n,3n)Ir-186m	TALYS-6a	0 [4,7,8]	30
Ir-188(n,n'a)Re-184g	TALYS-6a	0	100
Ir-188(n,n'a)Re-184m	TALYS-6a	0	100
Ir-188(n,2na)Re-183	TALYS-6a	0 [8]	46
Ir-188(n,3na)Re-182g	TALYS-6a	0 [4,8]	30
Ir-188(n,3na)Re-182m	TALYS-6a	0 [4,7,8,8]	29
Ir-188(n,n'p)Os-187	TALYS-6a	0 [8]	58
Ir-188(n,n'2a)Ta-180g	TALYS-6a	0	100
Ir-188(n,n'2a)Ta-180m	TALYS-6a	0	100
Ir-188(n,2n2a)Ta-179	TALYS-6a	0 [8]	33
Ir-188(n,n'd)Os-186	TALYS-6a	0 [8]	40
Ir-188(n,n't)Os-185	TALYS-6a	0 [8]	35
Ir-188(n,n'h)Re-185	TALYS-6a	0 [8]	31
Ir-188(n,n'd2a)Hf-178g	TALYS-6	0 [4]	20
Ir-188(n,n'd2a)Hf-178m	TALYS-6	0 [4,7,8]	18
Ir-188(n,n'd2a)Hf-178n	TALYS-6	0 [4,7,8]	19
Ir-188(n,n't2a)Hf-177g	TALYS-6	0 [4,8]	18
Ir-188(n,n't2a)Hf-177m	TALYS-6	0 [4,7,8,8]	17

Reaction	Library		Refs	Value	Reaction	Library		Refs	Value
Ir-188(n,n't2a)Hf-177n	TALYS-6	0	[4,7,8,8]	17	Ir-189(n,n'da)W-183g	TALYS-6a	0		28
Ir-188(n,4n)Ir-185	TALYS-6a	0		24	Ir-189(n,n'da)W-183m	TALYS-6a	0		28
Ir-188(n,2np)Os-186	TALYS-6a	0	[8]	38	Ir-189(n,2npa)W-183g	TALYS-6a	0		27
Ir-188(n,3np)Os-185	TALYS-6a	0	[8]	26	Ir-189(n,2npa)W-183m	TALYS-6a	0		27
Ir-188(n,n'2p)Re-186g	TALYS-6a	0		30	Ir-189(n,7n)Ir-183	TALYS-6a	0		8
Ir-188(n,n'2p)Re-186m	TALYS-6a	0		30	Ir-189(n,5np)Os-184	TALYS-6a	0	[8]	14
Ir-188(n,n'pa)W-183g	TALYS-6a	0		40	Ir-189(n,6np)Os-183g	TALYS-6a	0		10
Ir-188(n,n'pa)W-183m	TALYS-6a	0		39	Ir-189(n,6np)Os-183m	TALYS-6a	0		10
Ir-188(n,g)Ir-189	MASGAM	0	[14,13]	83	Ir-189(n,4na)Re-182g	TALYS-6a	0	[4,8]	22
Ir-188(n,p)Os-188	TALYS-6a	0	[2]	100	Ir-189(n,4na)Re-182m	TALYS-6a	0	[4,7,8,8]	21
Ir-188(n,d)Os-187	TALYS-6a	0	[8]	64	Ir-189(n,5na)Re-181	TALYS-6a	0	[8]	15
Ir-188(n,t)Os-186	TALYS-6a	0	[8]	62	Ir-189(n,6na)Re-180	TALYS-6a	0	[8]	11
Ir-188(n,h)Re-186g	TALYS-6a	0		43	Ir-189(n,7na)Re-179	TALYS-6a	0	[8]	7
Ir-188(n,h)Re-186m	TALYS-6a	0		42	Ir-189(n,4nd)Os-184	TALYS-6a	0	[8]	15
Ir-188(n,a)Re-185	TALYS-6a	0	[2]	100	Ir-189(n,5nd)Os-183g	TALYS-6a	0		10
Ir-188(n,2p)Re-187	TALYS-6a	0	[8]	44	Ir-189(n,5nd)Os-183m	TALYS-6a	0		10
Ir-188(n,pa)W-184	TALYS-6a	0		100	Ir-189(n,6nd)Os-182	TALYS-6a	0	[8]	7
Ir-188(n,pd)Re-186g	TALYS-6a	0		31	Ir-189(n,3nt)Os-184	TALYS-6a	0	[8]	18
Ir-188(n,pd)Re-186m	TALYS-6a	0		31	Ir-189(n,4nt)Os-183g	TALYS-6a	0		13
Ir-188(n,da)W-183g	TALYS-6a	0		100	Ir-189(n,4nt)Os-183m	TALYS-6a	0		13
Ir-188(n,da)W-183m	TALYS-6a	0		100	Ir-189(n,5nt)Os-182	TALYS-6a	0	[8]	9
Ir-188(n,5n)Ir-184	TALYS-6a	0		16	Ir-189(n,2nh)Re-185	TALYS-6a	0	[8]	23
Ir-188(n,6n)Ir-183	TALYS-6a	0		12	Ir-189(n,3nh)Re-184g	TALYS-6a	0		16
Ir-188(n,2nt)Os-184	TALYS-6a	0	[8]	27	Ir-189(n,3nh)Re-184m	TALYS-6a	0		16
Ir-188(n,ta)W-182	TALYS-6a	0		100	Ir-189(n,4nh)Re-183	TALYS-6a	0	[8]	13
Ir-188(n,4np)Os-184	TALYS-6a	0	[8]	19	Ir-189(n,3n2p)Re-185	TALYS-6a	0	[8]	16
Ir-188(n,3nd)Os-184	TALYS-6a	0	[8]	21	Ir-189(n,3n2a)Ta-179	TALYS-6a	0	[8]	23
Ir-188(n,n'da)W-182	TALYS-6a	0	[8]	30	Ir-189(n,3npa)W-182	TALYS-6a	0	[8]	21
Ir-188(n,2npa)W-182	TALYS-6a	0	[8]	30	Ir-189(n,n'pd)Re-186g	TALYS-6a	0		23
Ir-188(n,5np)Os-183g	TALYS-6a	0		14	Ir-189(n,n'pd)Re-186m	TALYS-6a	0		23
Ir-188(n,5np)Os-183m	TALYS-6a	0		14	Ir-189(n,n'pt)Re-185	TALYS-6a	0	[8]	22
Ir-188(n,6np)Os-182	TALYS-6a	0	[8]	10	Ir-189(n,n'dt)Re-184g	TALYS-6a	0		16
Ir-188(n,4na)Re-181	TALYS-6a	0	[8]	23	Ir-189(n,n'dt)Re-184m	TALYS-6a	0		16
Ir-188(n,5na)Re-180	TALYS-6a	0	[8]	15	Ir-189(n,n'ta)W-182	TALYS-6a	0	[8]	28
Ir-188(n,6na)Re-179	TALYS-6a	0	[8]	11	Ir-189(n,2n2p)Re-186g	TALYS-6a	0		22
Ir-188(n,4nd)Os-183g	TALYS-6a	0		14	Ir-189(n,2n2p)Re-186m	TALYS-6a	0		21
Ir-188(n,4nd)Os-183m	TALYS-6a	0		14	Ir-189(n,4n2p)Re-184g	TALYS-6a	0		12
Ir-188(n,5nd)Os-182	TALYS-6a	0	[8]	11	Ir-189(n,4n2p)Re-184m	TALYS-6a	0		12
Ir-188(n,3nt)Os-183g	TALYS-6a	0		18	Ir-189(n,4n2a)Ta-178g	TALYS-6a	0	[4,8]	14
Ir-188(n,3nt)Os-183m	TALYS-6a	0		17	Ir-189(n,4n2a)Ta-178m	TALYS-6a	0	[4,7,8,8]	13
Ir-188(n,4nt)Os-182	TALYS-6a	0	[8]	13	Ir-189(n,4npa)W-181	TALYS-6a	0	[8]	14
Ir-188(n,5nt)Os-181g	TALYS-6a	0		9	Ir-189(n,5n2p)Re-183	TALYS-6a	0	[8]	9
Ir-188(n,5nt)Os-181m	TALYS-6a	0		9	Ir-190(n,n')Ir-190m	TALYS-6a	0		91
Ir-188(n,2nh)Re-184g	TALYS-6a	0		24	Ir-190(n,n')Ir-190n	TALYS-6a	0		91
Ir-188(n,2nh)Re-184m	TALYS-6a	0		23	Ir-190(n,2nd)Os-187	TALYS-6a	0	[8]	28
Ir-188(n,3nh)Re-183	TALYS-6a	0	[8]	17	Ir-190(n,2n)Ir-189	TALYS-6a	0		54
Ir-188(n,4nh)Re-182g	TALYS-6a	0	[4,8]	13	Ir-190(n,3n)Ir-188	TALYS-6a	0		32
Ir-188(n,4nh)Re-182m	TALYS-6a	0	[4,7,8,8]	12	Ir-190(n,n'a)Re-186g	TALYS-6a	0		100
Ir-188(n,3n2p)Re-184g	TALYS-6a	0		16	Ir-190(n,n'a)Re-186m	TALYS-6a	0		100
Ir-188(n,3n2p)Re-184m	TALYS-6a	0		16	Ir-190(n,2na)Re-185	TALYS-6a	0	[8]	45
Ir-188(n,3n2a)Ta-178g	TALYS-6a	0	[4,8]	21	Ir-190(n,3na)Re-184g	TALYS-6a	0		30
Ir-188(n,3n2a)Ta-178m	TALYS-6a	0	[4,7,8,8]	20	Ir-190(n,3na)Re-184m	TALYS-6a	0		30
Ir-188(n,3npa)W-181	TALYS-6a	0	[8]	21	Ir-190(n,n'p)Os-189g	TALYS-6a	0		54
Ir-188(n,n'pd)Re-185	TALYS-6a	0	[8]	25	Ir-190(n,n'p)Os-189m	TALYS-6a	0		54
Ir-188(n,n'pt)Re-184g	TALYS-6a	0		23	Ir-190(n,n'2a)Ta-182g	TALYS-6a	0	[4]	100
Ir-188(n,n'pt)Re-184m	TALYS-6a	0		23	Ir-190(n,n'2a)Ta-182m	TALYS-6a	0	[4,7]	100
Ir-188(n,n'dt)Re-183	TALYS-6a	0	[8]	17	Ir-190(n,n'2a)Ta-182n	TALYS-6a	0	[7,4,7]	100
Ir-188(n,n'ta)W-181	TALYS-6a	0	[8]	28	Ir-190(n,2n2a)Ta-181	TALYS-6a	0	[8]	32
Ir-188(n,2n2p)Re-185	TALYS-6a	0	[8]	24	Ir-190(n,n'd)Os-188	TALYS-6a	0	[8]	40
Ir-188(n,ha)Ta-182g	TALYS-6a	0	[4]	28	Ir-190(n,n't)Os-187	TALYS-6a	0	[8]	35
Ir-188(n,ha)Ta-182m	TALYS-6a	0	[4,7,8]	27	Ir-190(n,n'h)Re-187	TALYS-6a	0	[8]	30
Ir-188(n,ha)Ta-182n	TALYS-6a	0	[4,7,8]	27	Ir-190(n,4n)Ir-187	TALYS-6a	0		25
Ir-188(n,4n2p)Re-183	TALYS-6a	0	[8]	13	Ir-190(n,2np)Os-188	TALYS-6a	0	[8]	37
Ir-188(n,4n2a)Ta-177	TALYS-6a	0	[8]	16	Ir-190(n,3np)Os-187	TALYS-6a	0	[8]	26
Ir-188(n,4npa)W-180	TALYS-6a	0	[8]	15	Ir-190(n,n'2p)Re-188g	TALYS-6a	0	[4,8]	28
Ir-188(n,5n2p)Re-182g	TALYS-6a	0	[4,8]	9	Ir-190(n,n'2p)Re-188m	TALYS-6a	0	[4,7,8,8]	27
Ir-188(n,5n2p)Re-182m	TALYS-6a	0	[4,7,8,8]	8	Ir-190(n,n'pa)W-185g	TALYS-6a	0		36
Ir-189(n,2nd)Os-186	TALYS-6a	0	[8]	28	Ir-190(n,n'pa)W-185m	TALYS-6a	0		36
Ir-189(n,2n)Ir-188	TALYS-6a	0		45	Ir-190(n,g)Ir-191g	MASGAM	0	[14,13,4,6]	83
Ir-189(n,3n)Ir-187	TALYS-6a	0		32	Ir-190(n,g)Ir-191m	MASGAM	0	[14,13,4,6]	83
Ir-189(n,n'a)Re-185	TALYS-6a	0		100	Ir-190(n,g)Ir-191n	MASGAM	0	[14,7,13,4,6]	83
Ir-189(n,2na)Re-184g	TALYS-6a	0		42	Ir-190(n,p)Os-190g	TALYS-6a	0	[4,2]	100
Ir-189(n,2na)Re-184m	TALYS-6a	0		42	Ir-190(n,p)Os-190m	TALYS-6a	0	[7,4,7,2]	100
Ir-189(n,3na)Re-183	TALYS-6a	0	[8]	30	Ir-190(n,d)Os-189g	TALYS-6a	0		61
Ir-189(n,n'p)Os-188	TALYS-6a	0	[8]	57	Ir-190(n,d)Os-189m	TALYS-6a	0		61
Ir-189(n,n'2a)Ta-181	TALYS-6a	0		100	Ir-190(n,t)Os-188	TALYS-6a	0	[8]	61
Ir-189(n,2n2a)Ta-180g	TALYS-6a	0		30	Ir-190(n,h)Re-188g	TALYS-6a	0	[4,8]	39
Ir-189(n,2n2a)Ta-180m	TALYS-6a	0		30	Ir-190(n,h)Re-188m	TALYS-6a	0	[4,7,8,8]	38
Ir-189(n,n'd)Os-187	TALYS-6a	0	[8]	36	Ir-190(n,a)Re-187	TALYS-6a	0	[2]	100
Ir-189(n,n't)Os-186	TALYS-6a	0	[8]	35	Ir-190(n,2a)Ta-183	TALYS-6a	0	[10]	100
Ir-189(n,n'h)Re-186g	TALYS-6a	0		29	Ir-190(n,2p)Re-189	TALYS-6a	0	[8]	39
Ir-189(n,n'h)Re-186m	TALYS-6a	0		29	Ir-190(n,pd)Re-188g	TALYS-6a	0	[4,8]	29
Ir-189(n,4n)Ir-186g	TALYS-6a	0	[4]	23	Ir-190(n,pd)Re-188m	TALYS-6a	0	[4,7,8,8]	28
Ir-189(n,4n)Ir-186m	TALYS-6a	0	[4,7,8]	22	Ir-190(n,da)W-185g	TALYS-6a	0		38
Ir-189(n,2np)Os-187	TALYS-6a	0	[8]	34	Ir-190(n,da)W-185m	TALYS-6a	0		38
Ir-189(n,3np)Os-186	TALYS-6a	0	[8]	26	Ir-190(n,5n)Ir-186g	TALYS-6a	0	[4]	17
Ir-189(n,n'2p)Re-187	TALYS-6a	0	[8]	29	Ir-190(n,5n)Ir-186m	TALYS-6a	0	[4,7,8]	16
Ir-189(n,n'pa)W-184	TALYS-6a	0	[8]	38	Ir-190(n,6n)Ir-185	TALYS-6a	0		13
Ir-189(n,g)Ir-190g	MASGAM	0	[14,13,4,6]	83	Ir-190(n,2nt)Os-186	TALYS-6a	0	[8]	27
Ir-189(n,g)Ir-190m	MASGAM	0	[14,13,4,6]	83	Ir-190(n,4np)Os-186	TALYS-6a	0	[8]	20
Ir-189(n,g)Ir-190n	MASGAM	0	[14,7,13,4,6]	83	Ir-190(n,3nd)Os-186	TALYS-6a	0	[8]	21
Ir-189(n,p)Os-189g	TALYS-6a	0	[2]	100	Ir-190(n,n'da)W-184	TALYS-6a	0	[8]	29
Ir-189(n,p)Os-189m	TALYS-6a	0	[2]	100	Ir-190(n,2npa)W-184	TALYS-6a	0	[8]	28
Ir-189(n,d)Os-188	TALYS-6a	0	[8]	64	Ir-190(n,7n)Ir-184	TALYS-6a	0		9
Ir-189(n,t)Os-187	TALYS-6a	0	[8]	52	Ir-190(n,5np)Os-185	TALYS-6a	0	[8]	14
Ir-189(n,h)Re-187	TALYS-6a	0	[8]	41	Ir-190(n,6np)Os-184	TALYS-6a	0		11
Ir-189(n,a)Re-186g	TALYS-6a	0	[2]	100	Ir-190(n,7np)Os-183g	TALYS-6a	0		6
Ir-189(n,a)Re-186m	TALYS-6a	0	[2]	100	Ir-190(n,7np)Os-183m	TALYS-6a	0		6
Ir-189(n,2a)Ta-182g	TALYS-6a	0	[4]	100	Ir-190(n,4na)Re-183	TALYS-6a	0	[8]	24
Ir-189(n,2a)Ta-182m	TALYS-6a	0	[4,7]	100	Ir-190(n,5na)Re-182g	TALYS-6a	0	[4,8]	16
Ir-189(n,2a)Ta-182n	TALYS-6a	0	[4,7]	100	Ir-190(n,5na)Re-182m	TALYS-6a	0	[4,7,8,8]	15
Ir-189(n,2p)Re-188g	TALYS-6a	0		38	Ir-190(n,6na)Re-181	TALYS-6a	0	[8]	12
Ir-189(n,2p)Re-188m	TALYS-6a	0		38	Ir-190(n,7na)Re-180	TALYS-6a	0	[8]	7
Ir-189(n,pd)Re-187	TALYS-6a	0	[8]	30	Ir-190(n,4nd)Os-185	TALYS-6a	0	[8]	15
Ir-189(n,5n)Ir-185	TALYS-6a	0		16	Ir-190(n,6nd)Os-183g	TALYS-6a	0	[8]	7
Ir-189(n,6n)Ir-184	TALYS-6a	0		12	Ir-190(n,6nd)Os-183m	TALYS-6a	0		7
Ir-189(n,2nt)Os-185	TALYS-6a	0	[8]	25	Ir-190(n,3nt)Os-185	TALYS-6a	0	[8]	18
Ir-189(n,4np)Os-185	TALYS-6a	0	[8]	18	Ir-190(n,4nt)Os-184	TALYS-6a	0	[8]	14
Ir-189(n,3nd)Os-185	TALYS-6a	0	[8]	19					

Reaction	Library	Flag	Refs	Value
Ir-190(n,5nt)Os-183g	TALYS-6a	0		10
Ir-190(n,5nt)Os-183m	TALYS-6a	0		10
Ir-190(n,2nh)Re-186g	TALYS-6a	0		23
Ir-190(n,2nh)Re-186m	TALYS-6a	0		23
Ir-190(n,3nh)Re-185	TALYS-6a	0	[8]	17
Ir-190(n,4nh)Re-184g	TALYS-6a	0		13
Ir-190(n,4nh)Re-184m	TALYS-6a	0		13
Ir-190(n,3n2p)Re-186g	TALYS-6a	0		16
Ir-190(n,3n2p)Re-186m	TALYS-6a	0		16
Ir-190(n,3n2a)Ta-180g	TALYS-6a	0		23
Ir-190(n,3n2a)Ta-180m	TALYS-6a	0		23
Ir-190(n,3npa)W-183g	TALYS-6a	0		20
Ir-190(n,3npa)W-183m	TALYS-6a	0		20
Ir-190(n,n'pd)Re-187	TALYS-6a	0	[8]	24
Ir-190(n,n'pt)Re-186g	TALYS-6a	0		22
Ir-190(n,n'pt)Re-186m	TALYS-6a	0		22
Ir-190(n,n'dt)Re-185	TALYS-6a	0	[8]	16
Ir-190(n,n'ta)W-183g	TALYS-6a	0		27
Ir-190(n,n'ta)W-183m	TALYS-6a	0		27
Ir-190(n,2n2p)Re-187	TALYS-6a	0	[8]	22
Ir-190(n,4n2p)Re-185	TALYS-6a	0	[8]	13
Ir-190(n,4n2a)Ta-179	TALYS-6a	0	[8]	16
Ir-190(n,4npa)W-182	TALYS-6a	0	[8]	15
Ir-190(n,3n2pa)Ta-182g	TALYS-6a	0	[4]	11
Ir-190(n,3n2pa)Ta-182m	TALYS-6a	0	[4,7,8]	10
Ir-190(n,3n2pa)Ta-182n	TALYS-6a	0	[4,7,8]	10
Ir-190(n,5n2p)Re-184g	TALYS-6a	0		9
Ir-190(n,5n2p)Re-184m	TALYS-6a	0		9
Ir-191(n,n')Ir-191m	TALYS-5	2		89
Ir-191(n,n')Ir-191n	TALYS-6a	0		89
Ir-191(n,2nd)Os-188	TALYS-6a	0	[8]	27
Ir-191(n,2n)Ir-190g	ADL-3	2	[13,4,3]	45
Ir-191(n,2n)Ir-190m	ADL-3	4	[13,4,7,8,3]	45
Ir-191(n,2n)Ir-190n	EXIFON	6	[13,4,7,8,3]	55
Ir-191(n,3n)Ir-189	TALYS-5	4	[3]	33
Ir-191(n,n'a)Re-187	TALYS-6a	0		100
Ir-191(n,2na)Re-186g	TALYS-6a	0		41
Ir-191(n,2na)Re-186m	TALYS-6a	0		41
Ir-191(n,3na)Re-185	TALYS-6a	0	[8]	30
Ir-191(n,n'p)Os-190g	TALYS-6a	0	[4,8]	53
Ir-191(n,n'p)Os-190m	TALYS-6a	0	[4,7,8,8]	48
Ir-191(n,n'2a)Ta-183	TALYS-6a	0		100
Ir-191(n,2n2a)Ta-182g	TALYS-6a	0	[4]	28
Ir-191(n,2n2a)Ta-182m	TALYS-6a	0	[4,7,8]	28
Ir-191(n,2n2a)Ta-182n	TALYS-6a	0	[4,7,8]	27
Ir-191(n,n'd)Os-189g	TALYS-6a	0		35
Ir-191(n,n'd)Os-189m	TALYS-6a	0		35
Ir-191(n,n't)Os-188	TALYS-6a	0	[8]	35
Ir-191(n,n'h)Re-188g	TALYS-6a	0		27
Ir-191(n,n'h)Re-188m	TALYS-6a	0		27
Ir-191(n,4n)Ir-188	TALYS-6a	0		24
Ir-191(n,2np)Os-189g	TALYS-6a	0		33
Ir-191(n,2np)Os-189m	TALYS-6a	0		33
Ir-191(n,3np)Os-188	TALYS-6a	0		26
Ir-191(n,n'2p)Re-189	TALYS-6a	0	[8]	27
Ir-191(n,n'pa)W-186	TALYS-5	0	[8]	34
Ir-191(n,g)Ir-192g	SIGECN-MASGAM	2	[14,13,4,6]	2496
Ir-191(n,g)Ir-192m	SIGECN-MASGAM	2	[14,13,4,6]	2496
Ir-191(n,g)Ir-192n	SIGECN-MASGAM	2	[14,13,4,6]	2496
Ir-191(n,p)Os-191g	TALYS-6a	0	[2]	100
Ir-191(n,p)Os-191m	TALYS-6a	0	[2]	100
Ir-191(n,d)Os-190g	TALYS-6a	0	[4,8]	60
Ir-191(n,d)Os-190m	TALYS-6a	0	[4,7,8,8]	59
Ir-191(n,t)Os-189g	TALYS-6a	0		50
Ir-191(n,t)Os-189m	TALYS-6a	0		50
Ir-191(n,h)Re-189	TALYS-6a	0	[8]	38
Ir-191(n,a)Re-188g	TALYS-6a	0	[9,2,3]	9358
Ir-191(n,a)Re-188m	TALYS-6a	0	[9,2,3]	9358
Ir-191(n,2a)Ta-184	TALYS-6a	0		100
Ir-191(n,2p)Re-190g	TALYS-6a	0		34
Ir-191(n,2p)Re-190m	TALYS-6a	0		33
Ir-191(n,pd)Re-189	TALYS-6a	0	[8]	28
Ir-191(n,5n)Ir-187	TALYS-6a	0		17
Ir-191(n,6n)Ir-186g	TALYS-6a	0	[4]	12
Ir-191(n,6n)Ir-186m	TALYS-6a	0	[4,7,8]	11
Ir-191(n,2nt)Os-187	TALYS-6a	0	[8]	25
Ir-191(n,4np)Os-187	TALYS-6a	0	[8]	18
Ir-191(n,3nd)Os-187	TALYS-6a	0	[8]	19
Ir-191(n,n'da)W-185g	TALYS-6a	0		27
Ir-191(n,n'da)W-185m	TALYS-6a	0		26
Ir-191(n,2npa)W-185g	TALYS-6a	0		26
Ir-191(n,2npa)W-185m	TALYS-6a	0		25
Ir-191(n,7n)Ir-185	TALYS-6a	0		9
Ir-191(n,5np)Os-186	TALYS-6a	0	[8]	14
Ir-191(n,6np)Os-185	TALYS-6a	0	[8]	10
Ir-191(n,7np)Os-184	TALYS-6a	0		7
Ir-191(n,4na)Re-184g	TALYS-6a	0		22
Ir-191(n,4na)Re-184m	TALYS-6a	0		22
Ir-191(n,5na)Re-183	TALYS-6a	0	[8]	16
Ir-191(n,6na)Re-182g	TALYS-6a	0	[4,8]	12
Ir-191(n,6na)Re-182m	TALYS-6a	0	[4,7,8,8]	11
Ir-191(n,7na)Re-181	TALYS-6a	0	[8]	8
Ir-191(n,4nd)Os-186	TALYS-6a	0	[8]	15
Ir-191(n,5nd)Os-185	TALYS-6a	0	[8]	11
Ir-191(n,6nd)Os-184	TALYS-6a	0	[8]	7
Ir-191(n,3nt)Os-186	TALYS-6a	0	[8]	19
Ir-191(n,4nt)Os-185	TALYS-6a	0	[8]	13
Ir-191(n,5nt)Os-184	TALYS-6a	0	[8]	10
Ir-191(n,6nt)Os-183g	TALYS-6a	0		6
Ir-191(n,6nt)Os-183m	TALYS-6a	0		5
Ir-191(n,2nh)Re-187	TALYS-6a	0	[8]	22
Ir-191(n,3nh)Re-186g	TALYS-6a	0		16
Ir-191(n,3nh)Re-186m	TALYS-6a	0		15
Ir-191(n,4nh)Re-185	TALYS-6a	0	[8]	12
Ir-191(n,3n2p)Re-187	TALYS-6a	0	[8]	15
Ir-191(n,3n2a)Ta-181	TALYS-6a	0	[8]	23
Ir-191(n,3npa)W-184	TALYS-6a	0	[8]	20
Ir-191(n,n'pd)Re-188g	TALYS-6a	0		21
Ir-191(n,n'pd)Re-188m	TALYS-6a	0		21
Ir-191(n,n'pt)Re-187	TALYS-6a	0	[8]	21
Ir-191(n,n'ta)W-184	TALYS-6a	0	[8]	26
Ir-191(n,2n2p)Re-188g	TALYS-6a	0		20
Ir-191(n,2n2p)Re-188m	TALYS-6a	0		20
Ir-191(n,4n2p)Re-186g	TALYS-6a	0		12
Ir-191(n,4n2p)Re-186m	TALYS-6a	0		12
Ir-191(n,4n2a)Ta-180g	TALYS-6a	0		15
Ir-191(n,4n2a)Ta-180m	TALYS-6a	0		15
Ir-191(n,4npa)W-183g	TALYS-6a	0		14
Ir-191(n,4npa)W-183m	TALYS-6a	0		14
Ir-191(n,3n2pa)Ta-183	TALYS-5	0	[8]	11
Ir-191(n,5n2p)Re-185	TALYS-6a	0	[8]	9
Ir-192(n,n')Ir-192m	TALYS-6a	0		90
Ir-192(n,n')Ir-192n	TALYS-6a	0		89
Ir-192(n,2nd)Os-189g	TALYS-6a	0		27
Ir-192(n,2nd)Os-189m	TALYS-6a	0		27
Ir-192(n,2n)Ir-191g	TALYS-6a	0	[4,2]	54
Ir-192(n,2n)Ir-191m	TALYS-6a	0	[4,7,8,2]	52
Ir-192(n,2n)Ir-191n	TALYS-6a	0	[4,7,8,2]	44
Ir-192(n,3n)Ir-190g	TALYS-6a	0	[4]	33
Ir-192(n,3n)Ir-190m	TALYS-6a	0	[4,7,8]	32
Ir-192(n,3n)Ir-190n	TALYS-6a	0	[4,7,8]	31
Ir-192(n,n'a)Re-188g	TALYS-6a	0		100
Ir-192(n,n'a)Re-188m	TALYS-6a	0		100
Ir-192(n,2na)Re-187	TALYS-6a	0	[8]	43
Ir-192(n,3na)Re-186g	TALYS-6a	0		30
Ir-192(n,3na)Re-186m	TALYS-6a	0		30
Ir-192(n,n'p)Os-191g	TALYS-6a	0		50
Ir-192(n,n'p)Os-191m	TALYS-6a	0		50
Ir-192(n,n'2a)Ta-184	TALYS-6a	0		100
Ir-192(n,2n2a)Ta-183	TALYS-6a	0	[8]	29
Ir-192(n,n'd)Os-190g	TALYS-6a	0	[4,8]	38
Ir-192(n,n'd)Os-190m	TALYS-6a	0	[4,7,8,8]	37
Ir-192(n,n't)Os-189g	TALYS-6a	0		35
Ir-192(n,n't)Os-189m	TALYS-6a	0		35
Ir-192(n,n'h)Re-189	TALYS-6a	0	[8]	28
Ir-192(n,4n)Ir-189	TALYS-6a	0		26
Ir-192(n,2np)Os-190g	TALYS-6a	0	[4,8]	36
Ir-192(n,2np)Os-190m	TALYS-6a	0	[4,7,8,8]	33
Ir-192(n,3np)Os-189g	TALYS-6a	0		26
Ir-192(n,3np)Os-189m	TALYS-6a	0		26
Ir-192(n,n'2p)Re-190g	TALYS-6a	0		26
Ir-192(n,n'2p)Re-190m	TALYS-6a	0		26
Ir-192(n,n'pa)W-187	TALYS-6a	0	[8]	32
>Ir-192(n,g)Ir-193g	SIGECN-MASGAM	4	[14,13,3]	371
>Ir-192(n,g)Ir-193m	SIGECN-MASGAM	0	[14,13,3]	371
Ir-192(n,p)Os-192g	TALYS-6a	0	[9,4,2,3]	369
Ir-192(n,p)Os-192m	TALYS-6a	0	[4,7,8,2,10]	88
Ir-192(n,d)Os-191g	TALYS-6a	0		57
Ir-192(n,d)Os-191m	TALYS-6a	0		57
Ir-192(n,t)Os-190g	TALYS-6a	0	[4,8]	58
Ir-192(n,t)Os-190m	TALYS-6a	0	[4,7,8,8]	57
Ir-192(n,h)Re-190g	TALYS-6a	0		37
Ir-192(n,h)Re-190m	TALYS-6a	0		37
Ir-192(n,a)Re-189	TALYS-6a	0	[9,2,3]	369
Ir-192(n,2a)Ta-185	TALYS-6a	0		100
Ir-192(n,2p)Re-191	TALYS-6a	0	[8]	35
Ir-192(n,pd)Re-190g	TALYS-6a	0		27
Ir-192(n,pd)Re-190m	TALYS-6a	0		27
Ir-192(n,da)W-187	TALYS-6a	0	[8]	34
Ir-192(n,5n)Ir-188	TALYS-6a	0		18
Ir-192(n,6n)Ir-187	TALYS-6a	0		14
Ir-192(n,2nt)Os-188	TALYS-6a	0	[8]	27
Ir-192(n,4np)Os-188	TALYS-6a	0	[8]	20
Ir-192(n,3nd)Os-188	TALYS-6a	0	[8]	21
Ir-192(n,n'da)W-186	TALYS-6a	0	[8]	27
Ir-192(n,2npa)W-186	TALYS-6a	0	[8]	26
Ir-192(n,7n)Ir-186g	TALYS-6a	0	[4]	9
Ir-192(n,7n)Ir-186m	TALYS-6a	0	[4,7,8]	8
Ir-192(n,8n)Ir-185	TALYS-6a	0		6
Ir-192(n,5np)Os-187	TALYS-6a	0	[8]	14
Ir-192(n,6np)Os-186	TALYS-6a	0	[8]	11
Ir-192(n,7np)Os-185	TALYS-6a	0	[8]	7
Ir-192(n,4na)Re-185	TALYS-6a	0	[8]	24
Ir-192(n,5na)Re-184g	TALYS-6a	0		16
Ir-192(n,5na)Re-184m	TALYS-6a	0		16
Ir-192(n,6na)Re-183	TALYS-6a	0	[8]	13
Ir-192(n,7na)Re-182g	TALYS-6a	0	[4,8]	8
Ir-192(n,7na)Re-182m	TALYS-6a	0	[4,7,8,8]	7
Ir-192(n,4nd)Os-187	TALYS-6a	0	[8]	15
Ir-192(n,5nd)Os-186	TALYS-6a	0	[8]	12
Ir-192(n,6nd)Os-185	TALYS-6a	0	[8]	8
Ir-192(n,3nt)Os-187	TALYS-6a	0	[8]	19
Ir-192(n,4nt)Os-186	TALYS-6a	0	[8]	14
Ir-192(n,5nt)Os-185	TALYS-6a	0	[8]	10
Ir-192(n,6nt)Os-184	TALYS-6a	0	[8]	7
Ir-192(n,2nh)Re-188g	TALYS-6a	0		22
Ir-192(n,2nh)Re-188m	TALYS-6a	0		22
Ir-192(n,3nh)Re-187	TALYS-6a	0	[8]	16
Ir-192(n,4nh)Re-186g	TALYS-6a	0		12
Ir-192(n,4nh)Re-186m	TALYS-6a	0		12
Ir-192(n,3n2p)Re-188g	TALYS-6a	0		15
Ir-192(n,3n2p)Re-188m	TALYS-6a	0		15
Ir-192(n,3n2a)Ta-182g	TALYS-6a	0	[4]	21
Ir-192(n,3n2a)Ta-182m	TALYS-6a	0	[4,7,8]	21
Ir-192(n,3n2a)Ta-182n	TALYS-6a	0	[4,7,8]	20
Ir-192(n,3npa)W-185g	TALYS-6a	0		19
Ir-192(n,3npa)W-185m	TALYS-6a	0		19
Ir-192(n,n'pd)Re-189	TALYS-6a	0	[8]	22
Ir-192(n,n'pt)Re-188g	TALYS-6a	0		21
Ir-192(n,n'pt)Re-188m	TALYS-6a	0		21
Ir-192(n,n'ta)W-185g	TALYS-6a	0		26
Ir-192(n,n'ta)W-185m	TALYS-6a	0		26
Ir-192(n,2n2p)Re-189	TALYS-6a	0	[8]	21
Ir-192(n,4n2p)Re-187	TALYS-6a	0	[8]	12
Ir-192(n,4n2a)Ta-181	TALYS-6a	0	[8]	16
Ir-192(n,4npa)W-184	TALYS-6a	0	[8]	15
Ir-192(n,5n2p)Re-186g	TALYS-6a	0		9
Ir-192(n,5n2p)Re-186m	TALYS-6a	0		9

Reaction	Library			
Ir-192n(n,n')Ir-192g	TALYS-6	0	[7,8]	98
Ir-192n(n,n')Ir-192m	TALYS-6	0	[7,8]	98
Ir-192n(n,2nd)Os-189g	TALYS-6	0		27
Ir-192n(n,2nd)Os-189m	TALYS-6	0		28
Ir-192n(n,2n)Ir-191g	TALYS-6	0	[4,2,7,8]	55
Ir-192n(n,2n)Ir-191m	TALYS-6	0	[4,7,8,2]	54
Ir-192n(n,2n)Ir-191n	TALYS-6	0	[4,7,8,2]	44
Ir-192n(n,3n)Ir-190g	TALYS-6	0	[4,7,8]	33
Ir-192n(n,3n)Ir-190m	TALYS-6	0	[4,7,8]	33
Ir-192n(n,3n)Ir-190n	TALYS-6	0	[4,7,8]	31
Ir-192n(n,n'a)Re-188g	TALYS-6	0		100
Ir-192n(n,n'a)Re-188m	TALYS-6	0		100
Ir-192n(n,2na)Re-187	TALYS-6	0	[8,7,8]	43
Ir-192n(n,3na)Re-186g	TALYS-6	0		30
Ir-192n(n,3na)Re-186m	TALYS-6	0		30
Ir-192n(n,n'p)Os-191g	TALYS-6	0		51
Ir-192n(n,n'p)Os-191m	TALYS-6	0		50
Ir-192n(n,n'2a)Ta-184	TALYS-6	0		100
Ir-192n(n,2n2a)Ta-183	TALYS-6	0	[8,7,8]	30
Ir-192n(n,n'd)Os-190g	TALYS-6	0	[4,8,7,8]	39
Ir-192n(n,n'd)Os-190m	TALYS-6	0	[4,7,8,8]	38
Ir-192n(n,n't)Os-189g	TALYS-6	0		35
Ir-192n(n,n't)Os-189m	TALYS-6	0		35
Ir-192n(n,n'h)Re-189	TALYS-6	0	[8,7,8]	29
Ir-192n(n,4n)Ir-189	TALYS-6	0		26
Ir-192n(n,2np)Os-190g	TALYS-6	0	[4,8,7,8]	36
Ir-192n(n,2np)Os-190m	TALYS-6	0	[4,7,8,8]	33
Ir-192n(n,3np)Os-189g	TALYS-6	0		26
Ir-192n(n,3np)Os-189m	TALYS-6	0		26
Ir-192n(n,n'2p)Re-190g	TALYS-6	0	[4,8]	26
Ir-192n(n,n'2p)Re-190m	TALYS-6	0	[4,7,8,8]	25
Ir-192n(n,n'pa)W-187	TALYS-6	0	[8,7,8]	32
Ir-192n(n,g)Ir-193g	SIGECN-MASGAM	0	[14,13,4,6,4]	347
Ir-192n(n,g)Ir-193m	SIGECN-MASGAM	0	[14,13,4,6]	347
Ir-192n(n,p)Os-192g	TALYS-6	0	[4,2]	100
Ir-192n(n,p)Os-192m	TALYS-6	0	[4,7,8,2,10]	91
Ir-192n(n,d)Os-191g	TALYS-6	0		59
Ir-192n(n,d)Os-191m	TALYS-6	0		57
Ir-192n(n,t)Os-190g	TALYS-6	0	[4,8,7,8]	58
Ir-192n(n,t)Os-190m	TALYS-6	0	[4,7,8,8]	57
Ir-192n(n,h)Re-190g	TALYS-6	0	[4,8]	34
Ir-192n(n,h)Re-190m	TALYS-6	0	[4,7,8,8]	33
Ir-192n(n,a)Re-189	TALYS-6	0	[9,2,3]	369
Ir-192n(n,2a)Ta-185	TALYS-6	0		100
Ir-192n(n,2p)Re-191	TALYS-6	0	[8,7,8]	34
Ir-192n(n,pd)Re-190g	TALYS-6	0	[4,8]	28
Ir-192n(n,pd)Re-190m	TALYS-6	0	[4,7,8,8]	27
Ir-192n(n,da)W-187	TALYS-6	0	[8,7,8]	36
Ir-192n(n,5n)Ir-188	TALYS-6	0		18
Ir-192n(n,6n)Ir-187	TALYS-6	0		14
Ir-192n(n,2nt)Os-188	TALYS-6	0	[8,7,8]	27
Ir-192n(n,4np)Os-188	TALYS-6	0	[8,7,8]	20
Ir-192n(n,3nd)Os-188	TALYS-6	0	[8,7,8]	21
Ir-192n(n,n'da)W-186	TALYS-6	0	[8,7,8]	28
Ir-192n(n,2npa)W-186	TALYS-6	0	[8,7,8]	27
Ir-192n(n,7n)Ir-186g	TALYS-6	0	[4,7,8]	9
Ir-192n(n,7n)Ir-186m	TALYS-6	0	[4,7,8]	9
Ir-192n(n,5np)Os-187	TALYS-6	0	[8,7,8]	14
Ir-192n(n,6np)Os-186	TALYS-6	0	[8,7,8]	11
Ir-192n(n,7np)Os-185	TALYS-6	0	[8,7,8]	7
Ir-192n(n,4na)Re-185	TALYS-6	0	[8,7,8]	24
Ir-192n(n,5na)Re-184g	TALYS-6	0		16
Ir-192n(n,5na)Re-184m	TALYS-6	0		16
Ir-192n(n,6na)Re-183	TALYS-6	0	[8,7,8]	13
Ir-192n(n,7na)Re-182g	TALYS-6	0	[4,8,7,8]	9
Ir-192n(n,7na)Re-182m	TALYS-6	0	[4,7,8,8]	8
Ir-192n(n,4nd)Os-187	TALYS-6	0	[8,7,8]	15
Ir-192n(n,5nd)Os-186	TALYS-6	0	[8,7,8]	12
Ir-192n(n,6nd)Os-185	TALYS-6	0	[8,7,8]	8
Ir-192n(n,3nt)Os-187	TALYS-6	0	[8,7,8]	19
Ir-192n(n,4nt)Os-186	TALYS-6	0	[8,7,8]	15
Ir-192n(n,5nt)Os-185	TALYS-6	0	[8,7,8]	10
Ir-192n(n,6nt)Os-184	TALYS-6	0	[8,7,8]	7
Ir-192n(n,2nh)Re-188g	TALYS-6	0		22
Ir-192n(n,2nh)Re-188m	TALYS-6	0		22
Ir-192n(n,3nh)Re-187	TALYS-6	0	[8,7,8]	16
Ir-192n(n,4nh)Re-186g	TALYS-6	0		13
Ir-192n(n,4nh)Re-186m	TALYS-6	0		13
Ir-192n(n,3n2p)Re-188g	TALYS-6	0		15
Ir-192n(n,3n2p)Re-188m	TALYS-6	0		15
Ir-192n(n,3n2a)Ta-182g	TALYS-6	0	[4,7,8]	22
Ir-192n(n,3n2a)Ta-182m	TALYS-6	0	[4,7,8]	22
Ir-192n(n,3n2a)Ta-182n	TALYS-6	0	[4,7,8]	21
Ir-192n(n,3npa)W-185g	TALYS-6	0		19
Ir-192n(n,3npa)W-185m	TALYS-6	0		19
Ir-192n(n,n'pd)Re-189	TALYS-6	0	[8,7,8]	23
Ir-192n(n,n'pt)Re-188g	TALYS-6	0		22
Ir-192n(n,n'pt)Re-188m	TALYS-6	0		21
Ir-192n(n,n'ta)W-185g	TALYS-6	0		27
Ir-192n(n,n'ta)W-185m	TALYS-6	0		27
Ir-192n(n,2n2p)Re-189	TALYS-6	0	[8,7,8]	21
Ir-192n(n,4n2p)Re-187	TALYS-6	0	[8,7,8]	12
Ir-192n(n,4n2a)Ta-181	TALYS-6	0	[8,7,8]	16
Ir-192n(n,4npa)W-184	TALYS-6	0	[8,7,8]	15
Ir-192n(n,5n2p)Re-186g	TALYS-6	0		9
Ir-192n(n,5n2p)Re-186m	TALYS-6	0		9
Ir-193(n,n')Ir-193m	LANL(HERMAN)	4	[13]	61
Ir-193(n,2nd)Os-190g	TALYS-6a	0	[4,8]	27
Ir-193(n,2nd)Os-190m	TALYS-6a	0	[4,7,8,8]	26
>Ir-193(n,2n)Ir-192g	TALYS-5a	0	[4]	46
>Ir-193(n,2n)Ir-192m	TALYS-5a	5		46
>Ir-193(n,2n)Ir-192n	TALYS-5a	2	[3,7,8]	46
Ir-193(n,3n)Ir-191g	TALYS-6a	0	[4]	33
Ir-193(n,3n)Ir-191m	TALYS-6a	0	[4,7,8]	33
Ir-193(n,3n)Ir-191n	TALYS-6a	0	[4,7,8]	29
Ir-193(n,n'a)Re-189	TALYS-6a	0		100
Ir-193(n,2na)Re-188g	TALYS-6a	0		39
Ir-193(n,2na)Re-188m	TALYS-6a	0		39
Ir-193(n,3na)Re-187	TALYS-6a	0	[8]	29
Ir-193(n,n'p)Os-192g	TALYS-6a	0	[4,8]	49
Ir-193(n,n'p)Os-192m	TALYS-6a	0	[4,7,8,8]	43
Ir-193(n,n'2a)Ta-185	TALYS-6a	0		100
Ir-193(n,2n2a)Ta-184	TALYS-6a	0	[8]	26
Ir-193(n,n'd)Os-191g	TALYS-6a	0		34
Ir-193(n,n'd)Os-191m	TALYS-6a	0		34
Ir-193(n,n't)Os-190g	TALYS-6a	0	[4,8]	35
Ir-193(n,n't)Os-190m	TALYS-6a	0	[4,7,8,8]	34
Ir-193(n,n'h)Re-190g	TALYS-6a	0		26
Ir-193(n,n'h)Re-190m	TALYS-6a	0		26
Ir-193(n,4n)Ir-190g	TALYS-6a	0	[4]	24
Ir-193(n,4n)Ir-190m	TALYS-6a	0	[4,7,8]	23
Ir-193(n,4n)Ir-190n	TALYS-6a	0	[4,7,8]	23
Ir-193(n,2np)Os-191g	TALYS-6a	0		32
Ir-193(n,2np)Os-191m	TALYS-6a	0		31
Ir-193(n,3np)Os-190g	TALYS-6a	0	[4,8]	26
Ir-193(n,3np)Os-190m	TALYS-6a	0	[4,7,8,8]	23
Ir-193(n,n'2p)Re-191	TALYS-6a	0	[8]	25
Ir-193(n,n'pa)W-188	TALYS-6a	0	[8]	30
>Ir-193(n,g)Ir-194g	SIGECN-MASGAM	4	[14,13,4,6]	2563
>Ir-193(n,g)Ir-194m	SIGECN-MASGAM	0	[14,13,4,6]	2563
+Ir-193(n,g)Ir-194n	SIGECN-MASGAM	0	[14,7,13,4,6]	2563
Ir-193(n,p)Os-193	JENDL-3.2/A	4	[13]	45
Ir-193(n,d)Os-192g	TALYS-6a	0	[4,8]	57
Ir-193(n,d)Os-192m	TALYS-6a	0	[4,7,8,8]	55
Ir-193(n,t)Os-191g	TALYS-6a	0		48
Ir-193(n,t)Os-191m	TALYS-6a	0		47
Ir-193(n,h)Re-191	TALYS-6a	0	[8]	34
Ir-193(n,a)Re-190g	TALYS-5	2	[9,3,3]	2595
Ir-193(n,a)Re-190m	TALYS-5	4	[9,3,3]	2595
Ir-193(n,2p)Re-192	TALYS-6a	0	[8]	28
Ir-193(n,pd)Re-191	TALYS-6a	0	[8]	26
Ir-193(n,5n)Ir-189	TALYS-6a	0		18
Ir-193(n,2nt)Os-189g	TALYS-6a	0		25
Ir-193(n,2nt)Os-189m	TALYS-6a	0		25
Ir-193(n,4np)Os-189g	TALYS-6a	0		18
Ir-193(n,4np)Os-189m	TALYS-6a	0		18
Ir-193(n,3nd)Os-189g	TALYS-6a	0		19
Ir-193(n,3nd)Os-189m	TALYS-6a	0		19
Ir-193(n,2npa)W-187	TALYS-6a	0	[8]	24
Ir-193(n,7n)Ir-187	TALYS-6a	0		10
Ir-193(n,8n)Ir-186g	TALYS-6a	0	[4]	5
Ir-193(n,8n)Ir-186m	TALYS-6a	0	[4,7,8]	4
Ir-193(n,5np)Os-188	TALYS-6a	0	[8]	14
Ir-193(n,6np)Os-187	TALYS-6a	0	[8]	10
Ir-193(n,7np)Os-186	TALYS-6a	0	[8]	7
Ir-193(n,4na)Re-186g	TALYS-6a	0		22
Ir-193(n,4na)Re-186m	TALYS-6a	0		22
Ir-193(n,5na)Re-185	TALYS-6a	0	[8]	16
Ir-193(n,6na)Re-184g	TALYS-6a	0		12
Ir-193(n,6na)Re-184m	TALYS-6a	0		12
Ir-193(n,7na)Re-183	TALYS-6a	0	[8]	9
Ir-193(n,4nd)Os-188	TALYS-6a	0	[8]	15
Ir-193(n,5nd)Os-187	TALYS-6a	0	[8]	11
Ir-193(n,6nd)Os-186	TALYS-6a	0	[8]	8
Ir-193(n,3nt)Os-188	TALYS-6a	0	[8]	19
Ir-193(n,4nt)Os-187	TALYS-6a	0	[8]	14
Ir-193(n,5nt)Os-186	TALYS-6a	0	[8]	10
Ir-193(n,6nt)Os-185	TALYS-6a	0	[8]	6
Ir-193(n,2nh)Re-189	TALYS-6a	0	[8]	21
Ir-193(n,3nh)Re-188g	TALYS-6a	0		15
Ir-193(n,3nh)Re-188m	TALYS-6a	0		15
Ir-193(n,4nh)Re-187	TALYS-6a	0	[8]	12
Ir-193(n,3n2p)Re-189	TALYS-6a	0	[8]	15
Ir-193(n,3n2a)Ta-183	TALYS-6a	0	[8]	20
Ir-193(n,3npa)W-186	TALYS-6a	0	[8]	18
Ir-193(n,n'pd)Re-190g	TALYS-6a	0		20
Ir-193(n,n'pd)Re-190m	TALYS-6a	0		20
Ir-193(n,n'pt)Re-189	TALYS-6a	0	[8]	20
Ir-193(n,2n2p)Re-190g	TALYS-6a	0		18
Ir-193(n,2n2p)Re-190m	TALYS-6a	0		18
Ir-193(n,4n2p)Re-188g	TALYS-6a	0		11
Ir-193(n,4n2p)Re-188m	TALYS-6a	0		11
Ir-193(n,4n2a)Ta-182g	TALYS-6a	0	[4]	15
Ir-193(n,4n2a)Ta-182m	TALYS-6a	0	[4,7,8]	14
Ir-193(n,4n2a)Ta-182n	TALYS-6a	0	[4,7,8]	14
Ir-193(n,4npa)W-185g	TALYS-6a	0		14
Ir-193(n,4npa)W-185m	TALYS-6a	0		13
Ir-193(n,5n2p)Re-187	TALYS-6a	0	[8]	8
Ir-193m(n,n')Ir-193g	TALYS-6a	0	[8]	97
Ir-193m(n,2nd)Os-190g	TALYS-6a	0	[4,8]	27
Ir-193m(n,2nd)Os-190m	TALYS-6a	0	[4,7,8,8]	26
Ir-193m(n,2n)Ir-192g	TALYS-6a	0	[4,2]	47
Ir-193m(n,2n)Ir-192m	TALYS-6a	0	[4,7,8,2]	47
Ir-193m(n,2n)Ir-192n	TALYS-6a	0	[4,7,8,2]	45
Ir-193m(n,3n)Ir-191g	TALYS-6a	0	[4]	34
Ir-193m(n,3n)Ir-191m	TALYS-6a	0	[4,7,8]	32
Ir-193m(n,3n)Ir-191n	TALYS-6a	0	[4,7,8]	29
Ir-193m(n,n'a)Re-189	TALYS-6a	0		100
Ir-193m(n,2na)Re-188g	TALYS-6a	0		39
Ir-193m(n,2na)Re-188m	TALYS-6a	0		39
Ir-193m(n,3na)Re-187	TALYS-6a	0	[8]	30
Ir-193m(n,n'p)Os-192g	TALYS-6a	0	[4,8]	50
Ir-193m(n,n'p)Os-192m	TALYS-6a	0	[4,7,8,8]	44
Ir-193m(n,n'2a)Ta-185	TALYS-6a	0		100
Ir-193m(n,2n2a)Ta-184	TALYS-6a	0	[8]	26
Ir-193m(n,n'd)Os-191g	TALYS-6a	0		35
Ir-193m(n,n'd)Os-191m	TALYS-6a	0		34
Ir-193m(n,n't)Os-190g	TALYS-6a	0	[4,8]	35
Ir-193m(n,n't)Os-190m	TALYS-6a	0	[4,7,8,8]	34
Ir-193m(n,n'h)Re-190g	TALYS-6a	0		26
Ir-193m(n,n'h)Re-190m	TALYS-6a	0		26
Ir-193m(n,4n)Ir-190g	TALYS-6a	0	[4]	24
Ir-193m(n,4n)Ir-190m	TALYS-6a	0	[4,7,8]	23
Ir-193m(n,4n)Ir-190n	TALYS-6a	0	[4,7,8]	23
Ir-193m(n,2np)Os-191g	TALYS-6a	0		32
Ir-193m(n,2np)Os-191m	TALYS-6a	0		32
Ir-193m(n,3np)Os-190g	TALYS-6a	0	[4,8]	26

Reaction	Library	Flag	Refs	Value
Ir-193m(n,3np)Os-190m	TALYS-6a	0	[4,7,8,8]	24
Ir-193m(n,n'2p)Re-191	TALYS-6a	0	[8]	25
Ir-193m(n,n'pa)W-188	TALYS-6a	0	[8]	31
>Ir-193m(n,g)Ir-194g	SIGECN-MASGAM	0	[14,13,4,6]	2563
>Ir-193m(n,g)Ir-194m	SIGECN-MASGAM	0	[14,13,4,6]	2563
+Ir-193m(n,g)Ir-194n	SIGECN-MASGAM	0	[14,13,4,6]	2563
Ir-193m(n,p)Os-193	TALYS-6a	0	[2,8]	78
Ir-193m(n,d)Os-192g	TALYS-6a	0	[4,8]	56
Ir-193m(n,d)Os-192m	TALYS-6a	0	[4,7,8,8]	55
Ir-193m(n,t)Os-191g	TALYS-6a	0		48
Ir-193m(n,t)Os-191m	TALYS-6a	0		47
Ir-193m(n,h)Re-191	TALYS-6a	0	[8]	31
Ir-193m(n,a)Re-190g	TALYS-6a	0	[2]	100
Ir-193m(n,a)Re-190m	TALYS-6a	0	[2]	100
Ir-193m(n,2p)Re-192	TALYS-6a	0	[8]	28
Ir-193m(n,pd)Re-191	TALYS-6a	0	[8]	26
Ir-193m(n,5n)Ir-189	TALYS-6a	0		18
Ir-193m(n,6n)Ir-188	TALYS-6a	0		13
Ir-193m(n,2nt)Os-189g	TALYS-6a	0		25
Ir-193m(n,2nt)Os-189m	TALYS-6a	0		25
Ir-193m(n,4np)Os-189g	TALYS-6a	0		18
Ir-193m(n,4np)Os-189m	TALYS-6a	0		18
Ir-193m(n,3nd)Os-189g	TALYS-6a	0		19
Ir-193m(n,3nd)Os-189m	TALYS-6a	0		20
Ir-193m(n,2npa)W-187	TALYS-6a	0	[8]	24
Ir-193m(n,7n)Ir-187	TALYS-6a	0		10
Ir-193m(n,8n)Ir-186g	TALYS-6a	0	[4]	5
Ir-193m(n,8n)Ir-186m	TALYS-6a	0	[4,7,8]	4
Ir-193m(n,5np)Os-188	TALYS-6a	0	[8]	14
Ir-193m(n,6np)Os-187	TALYS-6a	0	[8]	10
Ir-193m(n,7np)Os-186	TALYS-6a	0	[8]	7
Ir-193m(n,4na)Re-186g	TALYS-6a	0		22
Ir-193m(n,4na)Re-186m	TALYS-6a	0		22
Ir-193m(n,5na)Re-185	TALYS-6a	0	[8]	16
Ir-193m(n,6na)Re-184g	TALYS-6a	0		12
Ir-193m(n,6na)Re-184m	TALYS-6a	0		12
Ir-193m(n,7na)Re-183	TALYS-6a	0	[8]	9
Ir-193m(n,4nd)Os-188	TALYS-6a	0	[8]	15
Ir-193m(n,5nd)Os-187	TALYS-6a	0	[8]	11
Ir-193m(n,6nd)Os-186	TALYS-6a	0	[8]	8
Ir-193m(n,3nt)Os-188	TALYS-6a	0	[8]	19
Ir-193m(n,4nt)Os-187	TALYS-6a	0	[8]	14
Ir-193m(n,5nt)Os-186	TALYS-6a	0	[8]	10
Ir-193m(n,6nt)Os-185	TALYS-6a	0	[8]	6
Ir-193m(n,2nh)Re-189	TALYS-6a	0	[8]	21
Ir-193m(n,3nh)Re-188g	TALYS-6a	0		15
Ir-193m(n,3nh)Re-188m	TALYS-6a	0		15
Ir-193m(n,4nh)Re-187	TALYS-6a	0	[8]	12
Ir-193m(n,3n2p)Re-189	TALYS-6a	0	[8]	15
Ir-193m(n,3n2a)Ta-183	TALYS-6a	0	[8]	21
Ir-193m(n,3npa)W-186	TALYS-6a	0	[8]	18
Ir-193m(n,n'pd)Re-190g	TALYS-6a	0		20
Ir-193m(n,n'pd)Re-190m	TALYS-6a	0		20
Ir-193m(n,n'pt)Re-189	TALYS-6a	0	[8]	20
Ir-193m(n,2n2p)Re-190g	TALYS-6a	0		18
Ir-193m(n,2n2p)Re-190m	TALYS-6a	0		18
Ir-193m(n,4n2p)Re-188g	TALYS-6a	0		11
Ir-193m(n,4n2p)Re-188m	TALYS-6a	0		11
Ir-193m(n,4n2a)Ta-182g	TALYS-6a	0	[4]	15
Ir-193m(n,4n2a)Ta-182m	TALYS-6a	0	[4,7,8]	14
Ir-193m(n,4n2a)Ta-182n	TALYS-6a	0	[4,7,8]	14
Ir-193m(n,4npa)W-185g	TALYS-6a	0		14
Ir-193m(n,4npa)W-185m	TALYS-6a	0		14
Ir-193m(n,5n2p)Re-187	TALYS-6a	0	[8]	8
Ir-194(n,n')Ir-194m	TALYS-5a	0	[7,8]	88
+Ir-194(n,n')Ir-194n	TALYS-5a	0	[7,8]	87
Ir-194(n,2nd)Os-191g	TALYS-6a	0		27
Ir-194(n,2nd)Os-191m	TALYS-6a	0		27
Ir-194(n,2n)Ir-193g	TALYS-6a	0		55
Ir-194(n,2n)Ir-193m	TALYS-6a	0		55
Ir-194(n,3n)Ir-192g	TALYS-6a	0	[4]	34
Ir-194(n,3n)Ir-192m	TALYS-6a	0	[4,7,8]	34
Ir-194(n,3n)Ir-192n	TALYS-6a	0	[4,7,8]	32
Ir-194(n,n'a)Re-190g	TALYS-6a	0		100
Ir-194(n,n'a)Re-190m	TALYS-6a	0	[7]	100
Ir-194(n,2na)Re-189	TALYS-6a	0	[8]	41
Ir-194(n,3na)Re-188g	TALYS-6a	0		29
Ir-194(n,3na)Re-188m	TALYS-6a	0		29
Ir-194(n,n'p)Os-193	TALYS-6a	0	[8]	46
Ir-194(n,2n2a)Ta-185	TALYS-6a	0	[8]	26
Ir-194(n,n'd)Os-192g	TALYS-6a	0	[4,8]	37
Ir-194(n,n'd)Os-192m	TALYS-6a	0	[4,7,8,8]	36
Ir-194(n,n't)Os-191g	TALYS-6a	0		34
Ir-194(n,n't)Os-191m	TALYS-6a	0		34
Ir-194(n,n'h)Re-191	TALYS-6a	0	[8]	27
Ir-194(n,4n)Ir-191g	TALYS-6a	0	[4]	26
Ir-194(n,4n)Ir-191m	TALYS-6a	0	[4,7,8]	26
Ir-194(n,4n)Ir-191n	TALYS-6a	0	[4,7,8]	23
Ir-194(n,2np)Os-192g	TALYS-6a	0	[4,8]	35
Ir-194(n,2np)Os-192m	TALYS-6a	0	[4,7,8,8]	31
Ir-194(n,3np)Os-191g	TALYS-6a	0		25
Ir-194(n,3np)Os-191m	TALYS-6a	0		25
Ir-194(n,n'2p)Re-192	TALYS-6a	0	[8]	25
Ir-194(n,g)Ir-195g	MASGAM	2	[14,13,4,6,12,4]	115
Ir-194(n,g)Ir-195m	MASGAM		[14,13,4,6,12,4]	115
Ir-194(n,p)Os-194	TALYS-6a	0	[2]	100
Ir-194(n,d)Os-193	TALYS-6a	0	[8]	54
Ir-194(n,t)Os-192g	TALYS-6a	0	[4,8]	55
Ir-194(n,t)Os-192m	TALYS-6a	0	[4,7,8,8]	54
Ir-194(n,h)Re-192	TALYS-6a	0	[8]	31
Ir-194(n,a)Re-191	TALYS-6a	0	[2]	100
Ir-194(n,2p)Re-193	TALYS-6a	0	[8,7,8]	29
Ir-194(n,pd)Re-192	TALYS-6a	0	[8]	26
Ir-194(n,5n)Ir-190g	TALYS-6a	0	[4]	18
Ir-194(n,5n)Ir-190m	TALYS-6a	0	[4,7,8]	17
Ir-194(n,5n)Ir-190n	TALYS-6a	0	[4,7,8]	17
Ir-194(n,6n)Ir-189	TALYS-6a	0		14
Ir-194(n,2nt)Os-190g	TALYS-6a	0	[4,8]	27
Ir-194(n,2nt)Os-190m	TALYS-6a	0	[4,7,8,8]	26

Reaction	Library	Flag	Refs	Value
Ir-194(n,4np)Os-190g	TALYS-6a	0	[4,8]	20
Ir-194(n,4np)Os-190m	TALYS-6a	0	[4,7,8,8]	17
Ir-194(n,3nd)Os-190g	TALYS-6a	0	[4,8]	21
Ir-194(n,3nd)Os-190m	TALYS-6a	0	[4,7,8,8]	20
Ir-194(n,2npa)W-188	TALYS-6a	0	[8]	24
Ir-194(n,7n)Ir-188	TALYS-6a	0		10
Ir-194(n,8n)Ir-187	TALYS-6a	0		7
Ir-194(n,5np)Os-189g	TALYS-6a	0		14
Ir-194(n,5np)Os-189m	TALYS-6a	0		14
Ir-194(n,6np)Os-188	TALYS-6a	0	[8]	11
Ir-194(n,7np)Os-187	TALYS-6a	0	[8]	7
Ir-194(n,4na)Re-187	TALYS-6a	0	[8]	23
Ir-194(n,5na)Re-186g	TALYS-6a	0		16
Ir-194(n,5na)Re-186m	TALYS-6a	0		16
Ir-194(n,6na)Re-185	TALYS-6a	0	[8]	13
Ir-194(n,7na)Re-184g	TALYS-6a	0		9
Ir-194(n,7na)Re-184m	TALYS-6a	0		9
Ir-194(n,4nd)Os-189g	TALYS-6a	0		15
Ir-194(n,4nd)Os-189m	TALYS-6a	0		15
Ir-194(n,5nd)Os-188	TALYS-6a	0	[8]	12
Ir-194(n,6nd)Os-187	TALYS-6a	0	[8]	8
Ir-194(n,3nt)Os-189g	TALYS-6a	0		19
Ir-194(n,3nt)Os-189m	TALYS-6a	0		19
Ir-194(n,4nt)Os-188	TALYS-6a	0	[8]	15
Ir-194(n,5nt)Os-187	TALYS-6a	0	[8]	10
Ir-194(n,6nt)Os-186	TALYS-6a	0	[8]	7
Ir-194(n,2nh)Re-190g	TALYS-6a	0		21
Ir-194(n,2nh)Re-190m	TALYS-6a	0		20
Ir-194(n,3nh)Re-189	TALYS-6a	0	[8]	16
Ir-194(n,4nh)Re-188g	TALYS-6a	0		12
Ir-194(n,4nh)Re-188m	TALYS-6a	0		12
Ir-194(n,3n2p)Re-190g	TALYS-6a	0		15
Ir-194(n,3n2p)Re-190m	TALYS-6a	0		15
Ir-194(n,3n2a)Ta-184	TALYS-6a	0		19
Ir-194(n,3npa)W-187	TALYS-6a	0	[8]	17
Ir-194(n,n'pd)Re-191	TALYS-6a	0	[8]	21
Ir-194(n,2n2p)Re-191	TALYS-6a	0	[8]	19
Ir-194(n,4n2p)Re-189	TALYS-6a	0	[8]	12
Ir-194(n,4n2a)Ta-183	TALYS-6a	0	[8]	15
Ir-194(n,4npa)W-186	TALYS-6a	0	[8]	14
+Ir-194n(n,n')Ir-194g	ADL-3	0	[7,13,5,8,10,15]	56
+Ir-194n(n,n')Ir-194m	ADL-3	0	[7,8,10,15,12]	56
+Ir-194n(n,2n)Ir-193g	ADL-3	0	[13,5,7,8]	55
+Ir-194n(n,2n)Ir-193m	ADL-3	0	[13,5,7,8]	55
+Ir-194n(n,3n)Ir-192g	ADL-3	0	[13,4,7,8,5,4]	44
+Ir-194n(n,3n)Ir-192m	ADL-3	0	[13,4,7,8,5,4]	44
+Ir-194n(n,3n)Ir-192n	ADL-3	0	[13,4,7,8,4,5,4]	43
+Ir-194n(n,n'a)Re-190g	ADL-3	0	[7,13,8,10,5,4]	55
+Ir-194n(n,n'a)Re-190m	ADL-3	0	[7,13,8,10,5,4]	55
+Ir-194n(n,n'p)Os-193	ADL-3	0	[13,4,5,4]	55
+Ir-194n(n,n'd)Os-192g	ADL-3	0	[13,8,7,8,5,4]	50
+Ir-194n(n,n'd)Os-192m	ADL-3	0	[13,8,7,8,5,4]	50
+Ir-194n(n,n't)Os-191g	IEAF-2001	0	[8,5,7,8,4]	47
+Ir-194n(n,n't)Os-191m	IEAF-2001	0	[8,5,7,8,4]	47
+Ir-194n(n,g)Ir-195g	MASGAM	0	[14,7,13,4,6,4,5]	94
+Ir-194n(n,g)Ir-195m	MASGAM	0	[14,7,13,4,6,4,5]	94
+Ir-194n(n,p)Os-194	ADL-3	0	[7,13,2,8,10,5,4]	55
+Ir-194n(n,d)Os-193	ADL-3	0	[13,4,5,4]	66
+Ir-194n(n,t)Os-192g	ADL-3	0	[13,8,7,8,4,5,4]	52
+Ir-194n(n,t)Os-192m	ADL-3	0	[13,8,7,8,4,5,4]	50
+Ir-194n(n,h)Re-192	ADL-3	0	[13,4,5,4]	40
+Ir-194n(n,a)Re-191	ADL-3	0	[7,13,2,8,10,4,12,555]	
+Ir-194n(n,2p)Re-193	ADL-3	0	[13,4,5,4]	44
Ir-196m(n,n')Ir-196g	TALYS-6a	0	[8]	97
Ir-196m(n,2nd)Os-193	TALYS-6a	0	[8]	27
Ir-196m(n,2n)Ir-195g	TALYS-6a	0		58
Ir-196m(n,2n)Ir-195m	TALYS-6a	0		58
>Ir-196m(n,3n)Ir-194g	TALYS-6a	0	[4]	36
>Ir-196m(n,3n)Ir-194m	TALYS-6a	0	[4,7,8]	35
+Ir-196m(n,3n)Ir-194n	TALYS-6a	0	[4,7,8]	34
Ir-196m(n,n'a)Re-192	TALYS-6a	0		100
Ir-196m(n,2na)Re-191	TALYS-6a	0	[8]	43
Ir-196m(n,3na)Re-190g	TALYS-6a	0		30
Ir-196m(n,3na)Re-190m	TALYS-6a	0		30
Ir-196m(n,n'p)Os-195	TALYS-6a	0	[8]	45
Ir-196m(n,n'd)Os-194	TALYS-6a	0	[8]	37
Ir-196m(n,n't)Os-193	TALYS-6a	0	[8]	35
Ir-196m(n,n'h)Re-193	TALYS-6a	0	[8,7,8]	27
Ir-196m(n,4n)Ir-193g	TALYS-6a	0		28
Ir-196m(n,4n)Ir-193m	TALYS-6a	0		28
Ir-196m(n,2np)Os-194	TALYS-6a	0	[8]	35
Ir-196m(n,3np)Os-193	TALYS-6a	0	[8]	26
Ir-196m(n,n'2p)Re-194	TALYS-6a	0	[8,7,8]	24
Ir-196m(n,g)Ir-197g	MASGAM	0	[14,7,13,4,6]	83
Ir-196m(n,g)Ir-197m	MASGAM	0	[14,7,13,4,6]	83
Ir-196m(n,p)Os-196	TALYS-6a	0	[2]	100
Ir-196m(n,d)Os-195	TALYS-6a	0	[8]	52
Ir-196m(n,t)Os-194	TALYS-6a	0	[8]	55
Ir-196m(n,h)Re-194	TALYS-6a	0	[8,7,8]	30
Ir-196m(n,a)Re-193	TALYS-6a	0	[7,2]	100
Ir-196m(n,2p)Re-195	TALYS-6a	0	[8,7,8]	27
Ir-196m(n,pa)W-192	TALYS-6a	0	[7]	100
Ir-196m(n,pd)Re-194	TALYS-6a	0	[8,7,8]	25
Ir-196m(n,5n)Ir-192g	TALYS-6a	0	[4]	20
Ir-196m(n,5n)Ir-192m	TALYS-6a	0	[4,7,8]	19
Ir-196m(n,5n)Ir-192n	TALYS-6a	0	[4,7,8]	19
Ir-196m(n,6n)Ir-191g	TALYS-6a	0	[4]	15
Ir-196m(n,6n)Ir-191m	TALYS-6a	0	[4,7,8]	14
Ir-196m(n,6n)Ir-191n	TALYS-6a	0	[4,7,8]	13
Ir-196m(n,2nt)Os-192g	TALYS-6a	0	[4,8]	27
Ir-196m(n,2nt)Os-192m	TALYS-6a	0	[4,7,8,8]	26
Ir-196m(n,4np)Os-192g	TALYS-6a	0	[4,8]	20
Ir-196m(n,4np)Os-192m	TALYS-6a	0	[4,7,8,8]	18
Ir-196m(n,3nd)Os-192g	TALYS-6a	0	[4,8]	22
Ir-196m(n,3nd)Os-192m	TALYS-6a	0	[4,7,8,8]	20
Ir-196m(n,2npa)W-190	TALYS-6a	0	[8,7,8]	23
Ir-196m(n,7n)Ir-190g	TALYS-6a	0	[4]	11
Ir-196m(n,7n)Ir-190m	TALYS-6a	0	[4,7,8]	10
Ir-196m(n,7n)Ir-190n	TALYS-6a	0	[4,7,8]	10

Reaction	Library		Ref	Value
Ir-196m(n,8n)Ir-189	TALYS-6a	0		8
Ir-196m(n,5np)Os-191g	TALYS-6a	0		15
Ir-196m(n,5np)Os-191m	TALYS-6a	0		14
Ir-196m(n,6np)Os-190g	TALYS-6a	0	[4]	12
Ir-196m(n,6np)Os-190m	TALYS-6a	0	[4,7,8]	11
Ir-196m(n,7np)Os-189g	TALYS-6a	0		8
Ir-196m(n,7np)Os-189m	TALYS-6a	0		8
Ir-196m(n,4na)Re-189	TALYS-6a	0	[8]	24
Ir-196m(n,5na)Re-188g	TALYS-6a	0		16
Ir-196m(n,5na)Re-188m	TALYS-6a	0		16
Ir-196m(n,6na)Re-187	TALYS-6a	0	[8]	13
Ir-196m(n,7na)Re-186g	TALYS-6a	0		10
Ir-196m(n,7na)Re-186m	TALYS-6a	0		10
Ir-196m(n,4nd)Os-191g	TALYS-6a	0		15
Ir-196m(n,4nd)Os-191m	TALYS-6a	0		15
Ir-196m(n,5nd)Os-190g	TALYS-6a	0	[4,8]	12
Ir-196m(n,5nd)Os-190m	TALYS-6a	0	[4,7,8,8]	11
Ir-196m(n,6nd)Os-189g	TALYS-6a	0		8
Ir-196m(n,6nd)Os-189m	TALYS-6a	0		9
Ir-196m(n,3nt)Os-191g	TALYS-6a	0		20
Ir-196m(n,3nt)Os-191m	TALYS-6a	0		19
Ir-196m(n,4nt)Os-190g	TALYS-6a	0	[4,8]	15
Ir-196m(n,4nt)Os-190m	TALYS-6a	0	[4,7,8,8]	14
Ir-196m(n,5nt)Os-189g	TALYS-6a	0		11
Ir-196m(n,5nt)Os-189m	TALYS-6a	0		11
Ir-196m(n,6nt)Os-188	TALYS-6a	0	[8]	8
Ir-196m(n,2nh)Re-192	TALYS-6a	0	[8]	21
Ir-196m(n,3nh)Re-191	TALYS-6a	0	[8]	16
Ir-196m(n,4nh)Re-190g	TALYS-6a	0		13
Ir-196m(n,4nh)Re-190m	TALYS-6a	0		13
Ir-196m(n,3n2p)Re-192	TALYS-6a	0	[8]	15
Ir-196m(n,3n2a)Ta-186	TALYS-6a	0	[8]	16
Ir-196m(n,3npa)W-189	TALYS-6a	0	[8]	17
Ir-196m(n,n'pd)Re-193	TALYS-6a	0	[8,7,8]	21
Ir-196m(n,2n2p)Re-193	TALYS-6a	0	[8,7,8]	19
Ir-196m(n,4n2p)Re-191	TALYS-6a	0	[8]	12
Ir-196m(n,4n2a)Ta-185	TALYS-6a	0	[8]	15
Ir-196m(n,4npa)W-188	TALYS-6a	0	[8]	14
Pt-188(n,2nd)Ir-185	TALYS-6a	0	[8]	26
Pt-188(n,2n)Pt-187	TALYS-6a	0		43
Pt-188(n,3n)Pt-186	TALYS-6a	0		30
Pt-188(n,n'a)Os-184	TALYS-6a	0		100
Pt-188(n,n'3a)Hf-176	TALYS-6a	0		100
Pt-188(n,2na)Os-183g	TALYS-6a	0		42
Pt-188(n,2na)Os-183m	TALYS-6a	0		42
Pt-188(n,3na)Os-182	TALYS-6a	0	[8]	29
Pt-188(n,n'p)Ir-187	TALYS-6a	0	[8]	52
Pt-188(n,n'2a)W-180	TALYS-6a	0		100
Pt-188(n,2n2a)W-179g	TALYS-6a	0		32
Pt-188(n,2n2a)W-179m	TALYS-6a	0		31
Pt-188(n,n'd)Ir-186g	TALYS-6a	0	[4,8]	33
Pt-188(n,n'd)Ir-186m	TALYS-6a	0	[4,7,8,8]	32
Pt-188(n,n't)Ir-185	TALYS-6a	0	[8]	31
Pt-188(n,n'h)Os-185	TALYS-6a	0	[8]	30
Pt-188(n,n'd2a)Ta-178g	TALYS-6a	0	[4,8]	18
Pt-188(n,n'd2a)Ta-178m	TALYS-6a	0	[4,7,8,8]	17
Pt-188(n,n't2a)Ta-177	TALYS-6a	0	[8]	17
Pt-188(n,4n)Pt-185g	TALYS-6a	0		21
Pt-188(n,4n)Pt-185m	TALYS-6a	0		21
Pt-188(n,2np)Ir-186g	TALYS-6a	0	[4,8]	31
Pt-188(n,2np)Ir-186m	TALYS-6a	0	[4,7,8,8]	30
Pt-188(n,3np)Ir-185	TALYS-6a	0	[8]	24
Pt-188(n,n'2p)Os-186	TALYS-6a	0	[8]	33
Pt-188(n,n'pa)Re-183	TALYS-6a	0	[8]	41
Pt-188(n,g)Pt-189	MASGAM	0	[14,13]	83
Pt-188(n,p)Ir-188	TALYS-6a	0	[2]	100
Pt-188(n,d)Ir-187	TALYS-6a	0	[8]	60
Pt-188(n,t)Ir-186g	TALYS-6a	0	[4,8]	45
Pt-188(n,t)Ir-186m	TALYS-6a	0	[4,7,8,8]	44
Pt-188(n,h)Os-186	TALYS-6a	0	[8]	47
Pt-188(n,a)Os-185	TALYS-6a	0	[2]	100
Pt-188(n,2a)W-181	TALYS-6a	0	[10]	100
Pt-188(n,2p)Os-187	TALYS-6a	0	[8]	47
Pt-188(n,pa)Re-184g	TALYS-6a	0		100
Pt-188(n,pa)Re-184m	TALYS-6a	0		100
Pt-188(n,pd)Os-186	TALYS-6a	0	[8]	35
Pt-188(n,pt)Os-185	TALYS-6a	0	[8]	31
Pt-188(n,da)Re-183	TALYS-6a	0		100
Pt-188(n,5n)Pt-184	TALYS-6a	0		15
Pt-188(n,6n)Pt-183g	TALYS-6a	0		10
Pt-188(n,6n)Pt-183m	TALYS-6a	0		10
Pt-188(n,2nt)Ir-184	TALYS-6a	0	[8]	22
Pt-188(n,ta)Re-182g	TALYS-6a	0	[4,8]	36
Pt-188(n,ta)Re-182m	TALYS-6a	0	[4,7,8,8]	35
Pt-188(n,4np)Ir-184	TALYS-6a	0	[8]	16
Pt-188(n,3nd)Ir-184	TALYS-6a	0	[8]	17
Pt-188(n,n'da)Re-182g	TALYS-6a	0	[4,8]	28
Pt-188(n,n'da)Re-182m	TALYS-6a	0	[4,7,8,8]	27
Pt-188(n,2npa)Re-182g	TALYS-6a	0	[4,8]	28
Pt-188(n,2npa)Re-182m	TALYS-6a	0	[4,7,8,8]	27
Pt-188(n,5np)Ir-183	TALYS-6a	0	[8]	12
Pt-188(n,4na)Os-181g	TALYS-6a	0		20
Pt-188(n,4na)Os-181m	TALYS-6a	0		20
Pt-188(n,5na)Os-180	TALYS-6a	0	[8]	14
Pt-188(n,6na)Os-179	TALYS-6a	0	[8,7,8]	10
Pt-188(n,4nd)Ir-183	TALYS-6a	0	[8]	13
Pt-188(n,5nd)Ir-182	TALYS-6a	0	[8,7,8]	8
Pt-188(n,3nt)Ir-183	TALYS-6a	0	[8]	16
Pt-188(n,4nt)Ir-182	TALYS-6a	0	[8,7,8]	11
Pt-188(n,2nh)Os-184	TALYS-6a	0	[8]	24
Pt-188(n,3nh)Os-183g	TALYS-6a	0		16
Pt-188(n,3nh)Os-183m	TALYS-6a	0		16
Pt-188(n,4nh)Os-182	TALYS-6a	0	[8]	12
Pt-188(n,3n2p)Os-184	TALYS-6a	0	[8]	17
Pt-188(n,3n2a)W-178	TALYS-6a	0	[8]	24
Pt-188(n,3npa)Re-181	TALYS-6a	0	[8]	20
Pt-188(n,n'pd)Os-185	TALYS-6a	0	[8]	25
Pt-188(n,n'pt)Os-184	TALYS-6a	0	[8]	24
Pt-188(n,n'dt)Os-183g	TALYS-6a	0		16
Pt-188(n,n'dt)Os-183m	TALYS-6a	0		16
Pt-188(n,n'ph)Re-184g	TALYS-6a	0		18
Pt-188(n,n'ph)Re-184m	TALYS-6a	0		18
Pt-188(n,n'ta)Re-181	TALYS-6a	0	[8]	26
Pt-188(n,2n2p)Os-185	TALYS-6a	0	[8]	24
Pt-188(n,ha)W-182	TALYS-6a	0		100
Pt-188(n,4n2p)Os-183g	TALYS-6a	0		12
Pt-188(n,4n2p)Os-183m	TALYS-6a	0		12
Pt-188(n,4n2a)W-177	TALYS-6a	0	[8]	16
Pt-188(n,4npa)Re-180	TALYS-6a	0	[8]	14
Pt-188(n,5n2p)Os-182	TALYS-6a	0	[8]	9
Pt-189(n,2nd)Ir-186g	TALYS-6a	0	[4,8]	26
Pt-189(n,2nd)Ir-186m	TALYS-6a	0	[4,7,8,8]	25
Pt-189(n,2n)Pt-188	TALYS-6a	0		52
Pt-189(n,3n)Pt-187	TALYS-6a	0		31
Pt-189(n,n'a)Os-185	TALYS-6a	0		100
Pt-189(n,n'3a)Hf-177g	TALYS-6a	0	[4]	100
Pt-189(n,n'3a)Hf-177m	TALYS-6a	0	[7,4,7]	100
Pt-189(n,n'3a)Hf-177n	TALYS-6a	0	[7,4,7]	100
Pt-189(n,2na)Os-184	TALYS-6a	0	[8]	48
Pt-189(n,3na)Os-183g	TALYS-6a	0		30
Pt-189(n,3na)Os-183m	TALYS-6a	0		30
Pt-189(n,n'p)Ir-188	TALYS-6a	0	[8]	52
Pt-189(n,n'2a)W-181	TALYS-6a	0		100
Pt-189(n,2n2a)W-180	TALYS-6a	0		100
Pt-189(n,n'd)Ir-187	TALYS-6a	0	[8]	37
Pt-189(n,n't)Ir-186g	TALYS-6a	0	[4,8]	32
Pt-189(n,n't)Ir-186m	TALYS-6a	0	[4,7,8,8]	31
Pt-189(n,n'h)Os-186	TALYS-6a	0	[8]	32
Pt-189(n,n'd2a)Ta-179	TALYS-6a	0	[8]	19
Pt-189(n,n't2a)Ta-178g	TALYS-6a	0	[4,8]	14
Pt-189(n,n't2a)Ta-178m	TALYS-6a	0	[4,7,8,8]	13
Pt-189(n,4n)Pt-186	TALYS-6a	0		23
Pt-189(n,2np)Ir-187	TALYS-6a	0	[8]	35
Pt-189(n,3np)Ir-186g	TALYS-6a	0	[4,8]	24
Pt-189(n,3np)Ir-186m	TALYS-6a	0	[4,7,8,8]	23
Pt-189(n,n'2p)Os-187	TALYS-6a	0	[8]	32
Pt-189(n,n'pa)Re-184g	TALYS-6a	0		40
Pt-189(n,n'pa)Re-184m	TALYS-6a	0		40
Pt-189(n,g)Pt-190	MASGAM	0	[14,13]	83
Pt-189(n,p)Ir-189	TALYS-6a	0	[2]	100
Pt-189(n,d)Ir-188	TALYS-6a	0	[8]	59
Pt-189(n,t)Ir-187	TALYS-6a	0	[8]	55
Pt-189(n,h)Os-187	TALYS-6a	0	[8]	44
Pt-189(n,a)Os-186	TALYS-6a	0	[2]	100
Pt-189(n,2a)W-182	TALYS-6a	0	[10]	100
Pt-189(n,2p)Os-188	TALYS-6a	0	[8]	54
Pt-189(n,pa)Re-185	TALYS-6a	0		100
Pt-189(n,pd)Os-187	TALYS-6a	0	[8]	34
Pt-189(n,pt)Os-186	TALYS-6a	0	[8]	33
Pt-189(n,da)Re-184g	TALYS-6a	0		100
Pt-189(n,da)Re-184m	TALYS-6a	0		100
Pt-189(n,5n)Pt-185g	TALYS-6a	0		15
Pt-189(n,5n)Pt-185m	TALYS-6a	0		15
Pt-189(n,6n)Pt-184	TALYS-6a	0		12
Pt-189(n,2nt)Ir-185	TALYS-6a	0	[8]	25
Pt-189(n,ta)Re-183	TALYS-6a	0		100
Pt-189(n,4np)Ir-185	TALYS-6a	0	[8]	17
Pt-189(n,3nd)Ir-185	TALYS-6a	0	[8]	19
Pt-189(n,n'da)Re-183	TALYS-6a	0	[8]	30
Pt-189(n,2npa)Re-183	TALYS-6a	0	[8]	29
Pt-189(n,5np)Ir-184	TALYS-6a	0	[8]	12
Pt-189(n,6np)Ir-183	TALYS-6a	0		9
Pt-189(n,4na)Os-182	TALYS-6a	0	[8]	22
Pt-189(n,5na)Os-181g	TALYS-6a	0		15
Pt-189(n,5na)Os-181m	TALYS-6a	0		15
Pt-189(n,6na)Os-180	TALYS-6a	0	[8]	11
Pt-189(n,4nd)Ir-184	TALYS-6a	0	[8]	13
Pt-189(n,5nd)Ir-183	TALYS-6a	0	[8]	9
Pt-189(n,3nt)Ir-184	TALYS-6a	0	[8]	16
Pt-189(n,4nt)Ir-183	TALYS-6a	0	[8]	12
Pt-189(n,2nh)Os-185	TALYS-6a	0	[8]	24
Pt-189(n,3nh)Os-184	TALYS-6a	0	[8]	17
Pt-189(n,4nh)Os-183g	TALYS-6a	0		13
Pt-189(n,4nh)Os-183m	TALYS-6a	0		12
Pt-189(n,3n2p)Os-185	TALYS-6a	0	[8]	17
Pt-189(n,3n2a)W-179g	TALYS-6a	0		25
Pt-189(n,3n2a)W-179m	TALYS-6a	0		24
Pt-189(n,3npa)Re-182g	TALYS-6a	0	[4,8]	20
Pt-189(n,3npa)Re-182m	TALYS-6a	0	[4,7,8,8]	19
Pt-189(n,n'pd)Os-186	TALYS-6a	0	[8]	26
Pt-189(n,n'pt)Os-185	TALYS-6a	0	[8]	24
Pt-189(n,n'dt)Os-184	TALYS-6a	0	[8]	17
Pt-189(n,n'ph)Re-185	TALYS-6a	0	[8]	19
Pt-189(n,n'ta)Re-182g	TALYS-6a	0	[4,8]	27
Pt-189(n,n'ta)Re-182m	TALYS-6a	0	[4,7,8,8]	26
Pt-189(n,2n2p)Os-186	TALYS-6a	0	[8]	25
Pt-189(n,4n2p)Os-184	TALYS-6a	0	[8]	13
Pt-189(n,4n2a)W-178	TALYS-6a	0	[8]	17
Pt-189(n,4npa)Re-181	TALYS-6a	0	[8]	15
Pt-189(n,3n2pa)W-181	TALYS-6a	0	[8]	13
Pt-189(n,5n2p)Os-183g	TALYS-6a	0		9
Pt-189(n,5n2p)Os-183m	TALYS-6a	0		9
Pt-190(n,2nd)Ir-187	TALYS-6a	0	[8]	25
Pt-190(n,2n)Pt-189	TALYS-6a	0		44
Pt-190(n,3n)Pt-188	TALYS-6a	0		31
Pt-190(n,n'a)Os-186	TALYS-6a	0		100
Pt-190(n,2na)Os-185	TALYS-6a	0	[8]	41
Pt-190(n,3na)Os-184	TALYS-6a	0	[8]	30
Pt-190(n,n'p)Ir-189	TALYS-6a	0	[8]	48
Pt-190(n,n'2a)W-182	TALYS-6a	0		100
Pt-190(n,2n2a)W-181	TALYS-6a	0	[8]	31
Pt-190(n,n'd)Ir-188	TALYS-6a	0	[8]	33
Pt-190(n,n't)Ir-187	TALYS-6a	0	[8]	31
Pt-190(n,n'h)Os-187	TALYS-6a	0	[8]	29
Pt-190(n,n'd2a)Ta-180g	TALYS-6	0		15
Pt-190(n,n'd2a)Ta-180m	TALYS-6	0		16
Pt-190(n,n't2a)Ta-179	TALYS-6	0	[8]	16
Pt-190(n,4n)Pt-187	TALYS-6a	0		22

Reaction	Library	Flag	Refs	Value
Pt-190(n,2np)Ir-188	TALYS-6a	0 [8]		31
Pt-190(n,3np)Ir-187	TALYS-6a	0 [8]		24
Pt-190(n,n'2p)Os-188	TALYS-6a	0 [8]		31
Pt-190(n,n'pa)Re-185	TALYS-6a	0 [8]		37
Pt-190(n,g)Pt-191	SIGECN-MASGAM	2 [14,13,13,4]		313
Pt-190(n,p)Ir-190g	TALYS-6a	0 [4,2]		100
Pt-190(n,p)Ir-190m	TALYS-6a	0 [4,7,2]		100
Pt-190(n,p)Ir-190n	TALYS-6a	0 [4,7,8,2,9,8,10]		87
Pt-190(n,d)Ir-189	TALYS-6a	0 [8]		56
Pt-190(n,t)Ir-188	TALYS-6a	0 [8]		44
Pt-190(n,h)Os-188	TALYS-6a	0 [8]		43
Pt-190(n,a)Os-187	TALYS-5	2 [9,2,3]		339
Pt-190(n,2p)Os-189g	TALYS-6a	0		42
Pt-190(n,2p)Os-189m	TALYS-6a	0		42
Pt-190(n,pa)Re-186g	TALYS-6a	0		100
Pt-190(n,pa)Re-186m	TALYS-6a	0		100
Pt-190(n,pd)Os-188	TALYS-6a	0 [8]		32
Pt-190(n,pt)Os-187	TALYS-6a	0 [8]		29
Pt-190(n,da)Re-185	TALYS-6a	0 [8]		38
Pt-190(n,5n)Pt-186	TALYS-6a	0		16
Pt-190(n,6n)Pt-185g	TALYS-6a	0		11
Pt-190(n,6n)Pt-185m	TALYS-6a	0		11
Pt-190(n,2nt)Ir-186g	TALYS-6a	0 [4,8]		22
Pt-190(n,2nt)Ir-186m	TALYS-6a	0 [4,7,8,8]		21
Pt-190(n,ta)Re-184g	TALYS-6a	0		35
Pt-190(n,ta)Re-184m	TALYS-6a	0		34
Pt-190(n,4np)Ir-186g	TALYS-6a	0 [4,8]		16
Pt-190(n,4np)Ir-186m	TALYS-6a	0 [4,7,8,8]		15
Pt-190(n,3nd)Ir-186g	TALYS-6a	0 [4,8]		17
Pt-190(n,3nd)Ir-186m	TALYS-6a	0 [4,7,8,8]		16
Pt-190(n,n'da)Re-184g	TALYS-6a	0		27
Pt-190(n,n'da)Re-184m	TALYS-6a	0		27
Pt-190(n,2npa)Re-184g	TALYS-6a	0		27
Pt-190(n,2npa)Re-184m	TALYS-6a	0		26
Pt-190(n,7n)Pt-184	TALYS-6a	0		7
Pt-190(n,5np)Ir-185	TALYS-6a	0		13
Pt-190(n,6np)Ir-184	TALYS-6a	0 [8]		8
Pt-190(n,4na)Os-183g	TALYS-6a	0		21
Pt-190(n,4na)Os-183m	TALYS-6a	0		21
Pt-190(n,5na)Os-182	TALYS-6a	0 [8]		15
Pt-190(n,6na)Os-181g	TALYS-6a	0		10
Pt-190(n,6na)Os-181m	TALYS-6a	0		10
Pt-190(n,4nd)Ir-185	TALYS-6a	0 [8]		13
Pt-190(n,5nd)Ir-184	TALYS-6a	0 [8]		9
Pt-190(n,3nt)Ir-185	TALYS-6a	0 [8]		16
Pt-190(n,4nt)Ir-184	TALYS-6a	0 [8]		11
Pt-190(n,5nt)Ir-183	TALYS-6a	0 [8]		7
Pt-190(n,2nh)Os-186	TALYS-6a	0 [8]		23
Pt-190(n,3nh)Os-185	TALYS-6a	0 [8]		16
Pt-190(n,4nh)Os-184	TALYS-6a	0 [8]		12
Pt-190(n,3n2p)Os-186	TALYS-6a	0 [8]		16
Pt-190(n,3n2a)W-180	TALYS-6a	0 [8]		24
Pt-190(n,3npa)Re-183	TALYS-6a	0 [8]		20
Pt-190(n,n'pd)Os-187	TALYS-6a	0 [8]		24
Pt-190(n,n'pt)Os-186	TALYS-6a	0 [8]		23
Pt-190(n,n'dt)Os-185	TALYS-6a	0 [8]		16
Pt-190(n,n'ta)Re-183	TALYS-6a	0 [8]		26
Pt-190(n,2n2p)Os-187	TALYS-6a	0 [8]		22
Pt-190(n,4n2p)Os-185	TALYS-6a	0 [8]		12
Pt-190(n,4n2a)W-179g	TALYS-6a	0		16
Pt-190(n,4n2a)W-179m	TALYS-6a	0		15
Pt-190(n,4npa)Re-182g	TALYS-6a	0 [4,8]		14
Pt-190(n,4npa)Re-182m	TALYS-6a	0 [4,7,8,8]		13
Pt-190(n,3n2pa)W-182	TALYS-6a	0 [8]		12
Pt-190(n,5n2p)Os-184	TALYS-6a	0 [8]		9
Pt-191(n,2nd)Ir-188	TALYS-6a	0 [8]		26
Pt-191(n,2n)Pt-190	TALYS-6a	0		53
Pt-191(n,3n)Pt-189	TALYS-6a	0		31
Pt-191(n,n'a)Os-187	TALYS-6a	0		100
Pt-191(n,2na)Os-186	TALYS-6a	0 [8]		45
Pt-191(n,3na)Os-185	TALYS-6a	0 [8]		30
Pt-191(n,n'p)Ir-190g	TALYS-6a	0 [4]		48
Pt-191(n,n'p)Ir-190m	TALYS-6a	0 [4,7,8]		48
Pt-191(n,n'p)Ir-190n	TALYS-6a	0 [4,7,8]		47
Pt-191(n,n'2a)W-183g	TALYS-6a	0		100
Pt-191(n,n'2a)W-183m	TALYS-6a	0		100
Pt-191(n,2n2a)W-182	TALYS-6a	0 [8]		34
Pt-191(n,n'd)Ir-189	TALYS-6a	0 [8]		36
Pt-191(n,n't)Ir-188	TALYS-6a	0 [8]		31
Pt-191(n,n'h)Os-188	TALYS-6a	0 [8]		31
Pt-191(n,4n)Pt-188	TALYS-6a	0		24
Pt-191(n,2np)Ir-189	TALYS-6a	0 [8]		34
Pt-191(n,3np)Ir-188	TALYS-6a	0 [8]		24
Pt-191(n,n'2p)Os-189g	TALYS-6a	0		30
Pt-191(n,n'2p)Os-189m	TALYS-6a	0		30
Pt-191(n,n'pa)Re-186g	TALYS-6a	0		36
Pt-191(n,n'pa)Re-186m	TALYS-6a	0		35
Pt-191(n,g)Pt-192	MASGAM	0 [14,13]		83
Pt-191(n,p)Ir-191g	TALYS-6a	0 [4,2]		100
Pt-191(n,p)Ir-191m	TALYS-6a	0 [4,7,2]		100
Pt-191(n,p)Ir-191n	TALYS-6a	0 [4,7,8,2,10]		87
Pt-191(n,d)Ir-190g	TALYS-6a	0 [4]		55
Pt-191(n,d)Ir-190m	TALYS-6a	0 [4,7,8]		54
Pt-191(n,d)Ir-190n	TALYS-6a	0 [4,7,8]		54
Pt-191(n,t)Ir-189	TALYS-6a	0 [8]		52
Pt-191(n,h)Os-189g	TALYS-6a	0		41
Pt-191(n,h)Os-189m	TALYS-6a	0		41
Pt-191(n,a)Os-188	TALYS-6a	0 [2]		100
Pt-191(n,2a)W-184	TALYS-6a	0 [10]		100
Pt-191(n,2p)Os-190g	TALYS-6a	0 [4,8]		45
Pt-191(n,2p)Os-190m	TALYS-6a	0 [4,7,8,8]		44
Pt-191(n,pa)Re-187	TALYS-6a	0		100
Pt-191(n,pd)Os-189g	TALYS-6a	0		31
Pt-191(n,pd)Os-189m	TALYS-6a	0		31
Pt-191(n,5n)Pt-187	TALYS-6a	0		16
Pt-191(n,6n)Pt-186	TALYS-6a	0		12
Pt-191(n,2nt)Ir-187	TALYS-6a	0 [8]		25
Pt-191(n,4np)Ir-187	TALYS-6a	0 [8]		18
Pt-191(n,3nd)Ir-187	TALYS-6a	0 [8]		19
Pt-191(n,n'da)Re-185	TALYS-6a	0 [8]		28
Pt-191(n,2npa)Re-185	TALYS-6a	0 [8]		28
Pt-191(n,7n)Pt-185g	TALYS-6a	0		8
Pt-191(n,7n)Pt-185m	TALYS-6a	0		8
Pt-191(n,5np)Ir-186g	TALYS-6a	0 [4]		13
Pt-191(n,5np)Ir-186m	TALYS-6a	0 [4,7,8]		12
Pt-191(n,6np)Ir-185	TALYS-6a	0 [8]		9
Pt-191(n,4na)Os-184	TALYS-6a	0 [8]		23
Pt-191(n,5na)Os-183g	TALYS-6a	0		15
Pt-191(n,5na)Os-183m	TALYS-6a	0		15
Pt-191(n,6na)Os-182	TALYS-6a	0 [8]		12
Pt-191(n,4nd)Ir-186g	TALYS-6a	0 [4,8]		13
Pt-191(n,4nd)Ir-186m	TALYS-6a	0 [4,7,8,8]		12
Pt-191(n,5nd)Ir-185	TALYS-6a	0 [8]		10
Pt-191(n,3nt)Ir-186g	TALYS-6a	0 [4,8]		16
Pt-191(n,3nt)Ir-186m	TALYS-6a	0 [4,7,8,8]		15
Pt-191(n,4nt)Ir-185	TALYS-6a	0 [8]		13
Pt-191(n,5nt)Ir-184	TALYS-6a	0 [8]		8
Pt-191(n,2nh)Os-187	TALYS-6a	0 [8]		23
Pt-191(n,3nh)Os-186	TALYS-6a	0 [8]		17
Pt-191(n,4nh)Os-185	TALYS-6a	0 [8]		13
Pt-191(n,3n2p)Os-187	TALYS-6a	0 [8]		16
Pt-191(n,3n2a)W-181	TALYS-6a	0 [8]		24
Pt-191(n,3npa)Re-184g	TALYS-6a	0		20
Pt-191(n,3npa)Re-184m	TALYS-6a	0		19
Pt-191(n,n'pd)Os-188	TALYS-6a	0 [8]		25
Pt-191(n,n'pt)Os-187	TALYS-6a	0 [8]		23
Pt-191(n,n'dt)Os-186	TALYS-6a	0 [8]		16
Pt-191(n,n'ta)Re-184g	TALYS-6a	0		26
Pt-191(n,n'ta)Re-184m	TALYS-6a	0		26
Pt-191(n,2n2p)Os-188	TALYS-6a	0 [8]		24
Pt-191(n,4n2p)Os-186	TALYS-6a	0 [8]		13
Pt-191(n,4n2a)W-180	TALYS-6a	0 [8]		17
Pt-191(n,4npa)Re-183	TALYS-6a	0 [8]		15
Pt-191(n,5n2p)Os-185	TALYS-6a	0 [8]		9
Pt-192(n,2nd)Ir-189	TALYS-6a	0 [8]		25
Pt-192(n,2n)Pt-191	ADL-3	2 [13,3]		45
Pt-192(n,3n)Pt-190	TALYS-6a	0		31
Pt-192(n,n'a)Os-188	TALYS-6a	0		100
Pt-192(n,2na)Os-187	TALYS-6a	0 [8]		40
Pt-192(n,3na)Os-186	TALYS-6a	0 [8]		29
Pt-192(n,n'p)Ir-191g	TALYS-6a	0 [4]		45
Pt-192(n,n'p)Ir-191m	TALYS-6a	0 [4,7,8]		44
Pt-192(n,n'p)Ir-191n	TALYS-6a	0 [4,7,8]		42
Pt-192(n,n'2a)W-184	TALYS-6a	0		100
Pt-192(n,2n2a)W-183g	TALYS-6a	0		29
Pt-192(n,2n2a)W-183m	TALYS-6a	0		29
Pt-192(n,n'd)Ir-190g	TALYS-6a	0 [4]		32
Pt-192(n,n'd)Ir-190m	TALYS-6a	0 [4,7,8]		30
Pt-192(n,n'd)Ir-190n	TALYS-6a	0 [4,7,8]		31
Pt-192(n,n't)Ir-189	TALYS-6a	0 [8]		31
Pt-192(n,n'h)Os-189g	TALYS-6a	0		28
Pt-192(n,n'h)Os-189m	TALYS-6a	0		28
Pt-192(n,4n)Pt-189	TALYS-6a	0		22
Pt-192(n,2np)Ir-190g	TALYS-6a	0 [4]		30
Pt-192(n,2np)Ir-190m	TALYS-6a	0 [4,7,8]		29
Pt-192(n,2np)Ir-190n	TALYS-6a	0 [4,7,8]		29
Pt-192(n,3np)Ir-189	TALYS-6a	0 [8]		24
Pt-192(n,n'2p)Os-190g	TALYS-6a	0 [4,8]		29
Pt-192(n,n'2p)Os-190m	TALYS-6a	0 [4,7,8,8]		28
Pt-192(n,n'pa)Re-187	TALYS-6a	0 [8]		33
Pt-192(n,g)Pt-193g	FISPRO	2 [13,4,6]		954
Pt-192(n,g)Pt-193m	FISPRO	2 [13,4,6]		954
Pt-192(n,p)Ir-192g	TALYS-6a	0 [4,2]		76
Pt-192(n,p)Ir-192m	TALYS-6a	0 [4,7,8,2]		76
Pt-192(n,p)Ir-192n	TALYS-6a	0 [4,7,8,2]		75
Pt-192(n,d)Ir-191g	TALYS-6a	0 [4]		52
Pt-192(n,d)Ir-191m	TALYS-6a	0 [4,7,8]		50
Pt-192(n,d)Ir-191n	TALYS-6a	0 [4,7,8]		51
Pt-192(n,t)Ir-190g	TALYS-6a	0 [4]		43
Pt-192(n,t)Ir-190m	TALYS-6a	0 [4,7,8]		42
Pt-192(n,t)Ir-190n	TALYS-6a	0 [4,7,8]		42
Pt-192(n,h)Os-190g	TALYS-6a	0 [4,8]		40
Pt-192(n,h)Os-190m	TALYS-6a	0 [4,7,8,8]		39
Pt-192(n,a)Os-189g	TALYS-6a	0 [9,2,3]		928
Pt-192(n,a)Os-189m	TALYS-6a	0 [9,2,3]		928
Pt-192(n,2a)W-185g	TALYS-6a	0		100
Pt-192(n,2a)W-185m	TALYS-6a	0		100
Pt-192(n,2p)Os-191g	TALYS-6a	0		38
Pt-192(n,2p)Os-191m	TALYS-6a	0		37
Pt-192(n,pd)Os-190g	TALYS-6a	0 [4,8]		30
Pt-192(n,pd)Os-190m	TALYS-6a	0 [4,7,8,8]		29
Pt-192(n,da)Re-187	TALYS-6a	0 [8]		34
Pt-192(n,5n)Pt-188	TALYS-6a	0		16
Pt-192(n,6n)Pt-187	TALYS-6a	0		11
Pt-192(n,2nt)Ir-188	TALYS-6a	0 [8]		23
Pt-192(n,4np)Ir-188	TALYS-6a	0 [8]		16
Pt-192(n,3nd)Ir-188	TALYS-6a	0 [8]		17
Pt-192(n,n'da)Re-186g	TALYS-6a	0		26
Pt-192(n,n'da)Re-186m	TALYS-6a	0		25
Pt-192(n,2npa)Re-186g	TALYS-6a	0		25
Pt-192(n,2npa)Re-186m	TALYS-6a	0		24
Pt-192(n,7n)Pt-186	TALYS-6a	0		8
Pt-192(n,5np)Ir-187	TALYS-6a	0		13
Pt-192(n,6np)Ir-186g	TALYS-6a	0 [4,8]		8
Pt-192(n,6np)Ir-186m	TALYS-6a	0 [4,7,8,8]		7
Pt-192(n,4na)Os-185	TALYS-6a	0 [8]		21
Pt-192(n,5na)Os-184	TALYS-6a	0 [8]		15
Pt-192(n,6na)Os-183g	TALYS-6a	0		11
Pt-192(n,6na)Os-183m	TALYS-6a	0		11
Pt-192(n,7na)Os-182	TALYS-6a	0 [8]		7
Pt-192(n,4nd)Ir-187	TALYS-6a	0		13
Pt-192(n,5nd)Ir-186g	TALYS-6a	0 [4,8]		9
Pt-192(n,5nd)Ir-186m	TALYS-6a	0 [4,7,8,8]		8
Pt-192(n,3nt)Ir-187	TALYS-6a	0 [8]		16
Pt-192(n,4nt)Ir-186g	TALYS-6a	0 [4,8]		12
Pt-192(n,4nt)Ir-186m	TALYS-6a	0 [4,7,8,8]		11
Pt-192(n,5nt)Ir-185	TALYS-6a	0 [8]		8
Pt-192(n,2nh)Os-188	TALYS-6a	0 [8]		22

Reaction	Method		Refs	Value
Pt-192(n,3nh)Os-187	TALYS-6a	0	[8]	16
Pt-192(n,4nh)Os-186	TALYS-6a	0	[8]	12
Pt-192(n,3n2p)Os-188	TALYS-6a	0	[8]	16
Pt-192(n,3n2a)W-182	TALYS-6a	0	[8]	23
Pt-192(n,3npa)Re-185	TALYS-6a	0	[8]	18
Pt-192(n,n'pd)Os-189g	TALYS-6a	0		22
Pt-192(n,n'pd)Os-189m	TALYS-6a			22
Pt-192(n,n'pt)Os-188	TALYS-6a	0	[8]	22
Pt-192(n,n'dt)Os-187	TALYS-6a	0	[8]	15
Pt-192(n,n'ta)Re-185	TALYS-6a	0	[8]	25
Pt-192(n,2n2p)Os-189g	TALYS-6a	0		21
Pt-192(n,2n2p)Os-189m	TALYS-6a	0		21
Pt-192(n,4n2p)Os-187	TALYS-6a	0	[8]	12
Pt-192(n,4n2a)W-181	TALYS-6a	0	[8]	16
Pt-192(n,4npa)Re-184g	TALYS-6a	0		13
Pt-192(n,4npa)Re-184m	TALYS-6a	0		13
Pt-192(n,3n2pa)W-184	TALYS-6a	0	[8]	11
Pt-192(n,5n2p)Os-186	TALYS-6a	0	[8]	8
Pt-193(n,n')Pt-193m	TALYS-6a	0		89
Pt-193(n,2nd)Ir-190g	TALYS-6a	0	[4]	25
Pt-193(n,2nd)Ir-190m	TALYS-6a	0	[4,7,8]	24
Pt-193(n,2nd)Ir-190n	TALYS-6a	0	[4,7,8]	24
Pt-193(n,2n)Pt-192	TALYS-6a	0		54
Pt-193(n,3n)Pt-191	TALYS-6a	0		31
Pt-193(n,n'a)Os-189g	TALYS-6a	0		99
Pt-193(n,n'a)Os-189m	TALYS-6a	0		99
Pt-193(n,2na)Os-188	TALYS-6a	0	[8]	44
Pt-193(n,3na)Os-187	TALYS-6a	0	[8]	29
Pt-193(n,n'p)Ir-192g	TALYS-6a	0	[4]	45
Pt-193(n,n'p)Ir-192m	TALYS-6a	0	[4,7,8]	44
Pt-193(n,n'p)Ir-192n	TALYS-6a	0	[4,7,8]	44
Pt-193(n,n'2a)W-185g	TALYS-6a	0		99
Pt-193(n,n'2a)W-185m	TALYS-6a	0		99
Pt-193(n,2n2a)W-184	TALYS-6a	0	[8]	30
Pt-193(n,n'd)Ir-191g	TALYS-6a	0	[4]	35
Pt-193(n,n'd)Ir-191m	TALYS-6a	0	[4,7,8]	34
Pt-193(n,n'd)Ir-191n	TALYS-6a	0	[4,7,8]	34
Pt-193(n,n't)Ir-190g	TALYS-6a	0	[4]	31
Pt-193(n,n't)Ir-190m	TALYS-6a	0	[4,7,8]	30
Pt-193(n,n't)Ir-190n	TALYS-6a	0	[4,7,8]	30
Pt-193(n,n'h)Os-190g	TALYS-6a	0	[4,8]	29
Pt-193(n,n'h)Os-190m	TALYS-6a	0	[4,7,8,8]	28
Pt-193(n,4n)Pt-190	TALYS-6a	0		25
Pt-193(n,2np)Ir-191g	TALYS-6a	0	[4]	32
Pt-193(n,2np)Ir-191m	TALYS-6a	0	[4,7,8]	31
Pt-193(n,2np)Ir-191n	TALYS-6a	0	[4,7,8]	30
Pt-193(n,3np)Ir-190g	TALYS-6a	0	[4]	24
Pt-193(n,3np)Ir-190m	TALYS-6a	0	[4,7,8]	23
Pt-193(n,3np)Ir-190n	TALYS-6a	0	[4,7,8]	23
Pt-193(n,n'2p)Os-191g	TALYS-6a	0		28
Pt-193(n,n'2p)Os-191m	TALYS-6a	0		28
Pt-193(n,n'pa)Re-188g	TALYS-6a	0		31
Pt-193(n,n'pa)Re-188m	TALYS-6a	0		31
Pt-193(n,g)Pt-194	MASGAM	2	[14,13,13,3,4]	83
Pt-193(n,p)Ir-193g	TALYS-6a	0	[2]	99
Pt-193(n,p)Ir-193m	TALYS-6a	0	[2]	99
Pt-193(n,d)Ir-192g	TALYS-6a	0	[4]	51
Pt-193(n,d)Ir-192m	TALYS-6a	0	[4,7,8]	49
Pt-193(n,d)Ir-192n	TALYS-6a	0	[4,7,8]	50
Pt-193(n,t)Ir-191g	TALYS-6a	0	[4]	49
Pt-193(n,t)Ir-191m	TALYS-6a	0	[4,7,8]	47
Pt-193(n,t)Ir-191n	TALYS-6a	0	[4,7,8]	48
Pt-193(n,h)Os-191g	TALYS-6a	0		38
Pt-193(n,h)Os-191m	TALYS-6a	0		38
Pt-193(n,a)Os-190g	TALYS-6a	0	[4,2]	99
Pt-193(n,a)Os-190m	TALYS-6a	0	[7,4,7,2]	99
Pt-193(n,2a)W-186	TALYS-6a	0		99
Pt-193(n,2p)Os-192g	TALYS-6a	0	[4,8]	40
Pt-193(n,2p)Os-192m	TALYS-6a	0	[4,7,8,8]	39
Pt-193(n,pa)Re-189	TALYS-6a	0		99
Pt-193(n,pd)Os-191g	TALYS-6a	0		29
Pt-193(n,pd)Os-191m	TALYS-6a	0		29
Pt-193(n,5n)Pt-189	TALYS-6a	0		16
Pt-193(n,6n)Pt-188	TALYS-6a	0		13
Pt-193(n,2nt)Ir-189	TALYS-6a	0	[8]	24
Pt-193(n,4np)Ir-189	TALYS-6a	0	[8]	17
Pt-193(n,3nd)Ir-189	TALYS-6a	0	[8]	19
Pt-193(n,n'da)Re-187	TALYS-6a	0	[8]	27
Pt-193(n,2npa)Re-187	TALYS-6a	0	[8]	26
Pt-193(n,7n)Pt-187	TALYS-6a	0		8
Pt-193(n,5np)Ir-188	TALYS-6a	0	[8]	13
Pt-193(n,6np)Ir-187	TALYS-6a	0		10
Pt-193(n,4na)Os-186	TALYS-6a	0	[8]	23
Pt-193(n,5na)Os-185	TALYS-6a	0	[8]	15
Pt-193(n,6na)Os-184	TALYS-6a	0	[8]	12
Pt-193(n,7na)Os-183g	TALYS-6a	0		8
Pt-193(n,7na)Os-183m	TALYS-6a	0		7
Pt-193(n,4nd)Ir-188	TALYS-6a	0	[8]	13
Pt-193(n,5nd)Ir-187	TALYS-6a	0	[8]	10
Pt-193(n,6nd)Ir-186g	TALYS-6a	0	[4,8]	6
Pt-193(n,6nd)Ir-186m	TALYS-6a	0	[4,7,8,8]	5
Pt-193(n,3nt)Ir-188	TALYS-6a	0	[8]	16
Pt-193(n,4nt)Ir-187	TALYS-6a	0	[8]	13
Pt-193(n,5nt)Ir-186g	TALYS-6a	0	[4,8]	8
Pt-193(n,5nt)Ir-186m	TALYS-6a	0	[4,7,8,8]	7
Pt-193(n,2nh)Os-189g	TALYS-6a	0		22
Pt-193(n,2nh)Os-189m	TALYS-6a	0		22
Pt-193(n,3nh)Os-188	TALYS-6a	0	[8]	16
Pt-193(n,4nh)Os-187	TALYS-6a	0	[8]	12
Pt-193(n,3n2p)Os-189g	TALYS-6a	0		15
Pt-193(n,3n2p)Os-189m	TALYS-6a	0		15
Pt-193(n,3n2a)W-183g	TALYS-6a	0		22
Pt-193(n,3n2a)W-183m	TALYS-6a	0		22
Pt-193(n,3npa)Re-186g	TALYS-6a	0		18
Pt-193(n,3npa)Re-186m	TALYS-6a	0		18
Pt-193(n,n'pd)Os-190g	TALYS-6a	0	[4,8]	24
Pt-193(n,n'pd)Os-190m	TALYS-6a	0	[4,7,8,8]	23
Pt-193(n,n'pt)Os-189g	TALYS-6a	0		21
Pt-193(n,n'pt)Os-189m	TALYS-6a	0		21
Pt-193(n,n'dt)Os-188	TALYS-6a	0	[8]	16
Pt-193(n,n'ta)Re-186g	TALYS-6a	0		25
Pt-193(n,n'ta)Re-186m	TALYS-6a	0		25
Pt-193(n,2n2p)Os-190g	TALYS-6a	0	[4,8]	22
Pt-193(n,2n2p)Os-190m	TALYS-6a	0	[4,7,8,8]	21
Pt-193(n,4n2p)Os-188	TALYS-6a	0	[8]	12
Pt-193(n,4n2a)W-182	TALYS-6a	0	[8]	16
Pt-193(n,4npa)Re-185	TALYS-6a	0	[8]	14
Pt-193(n,3n2pa)W-185g	TALYS-5a	0		11
Pt-193(n,3n2pa)W-185m	TALYS-5a	0		10
Pt-193(n,5n2p)Os-187	TALYS-6a	0	[8]	9
Pt-193m(n,n')Pt-193g	TALYS-6a	0	[8]	97
Pt-193m(n,2nd)Ir-190g	TALYS-6a	0	[4]	25
Pt-193m(n,2nd)Ir-190m	TALYS-6a	0	[4,7,8]	24
Pt-193m(n,2nd)Ir-190n	TALYS-6a	0	[4,7,8]	24
Pt-193m(n,2n)Pt-192	TALYS-6a	0		55
Pt-193m(n,3n)Pt-191	TALYS-6a	0		32
Pt-193m(n,n'a)Os-189g	TALYS-6a	0		99
Pt-193m(n,n'a)Os-189m	TALYS-6a	0		99
Pt-193m(n,2na)Os-188	TALYS-6a	0	[8]	44
Pt-193m(n,3na)Os-187	TALYS-6a	0	[8]	30
Pt-193m(n,n'p)Ir-192g	TALYS-6a	0	[4]	45
Pt-193m(n,n'p)Ir-192m	TALYS-6a	0	[4,7,8]	44
Pt-193m(n,n'p)Ir-192n	TALYS-6a	0	[4,7,8]	44
Pt-193m(n,n'2a)W-185g	TALYS-6a	0		99
Pt-193m(n,n'2a)W-185m	TALYS-6a	0		99
Pt-193m(n,2n2a)W-184	TALYS-6a	0	[8]	31
Pt-193m(n,n'd)Ir-191g	TALYS-6a	0	[4]	35
Pt-193m(n,n'd)Ir-191m	TALYS-6a	0	[4,7,8]	34
Pt-193m(n,n'd)Ir-191n	TALYS-6a	0	[4,7,8]	34
Pt-193m(n,n't)Ir-190g	TALYS-6a	0	[4]	31
Pt-193m(n,n't)Ir-190m	TALYS-6a	0	[4,7,8]	30
Pt-193m(n,n't)Ir-190n	TALYS-6a	0	[4,7,8]	30
Pt-193m(n,n'h)Os-190g	TALYS-6a	0	[4,8]	29
Pt-193m(n,n'h)Os-190m	TALYS-6a	0	[4,7,8,8]	28
Pt-193m(n,4n)Pt-190	TALYS-6a	0		25
Pt-193m(n,2np)Ir-191g	TALYS-6a	0	[4]	33
Pt-193m(n,2np)Ir-191m	TALYS-6a	0	[4,7,8]	32
Pt-193m(n,2np)Ir-191n	TALYS-6a	0	[4,7,8]	30
Pt-193m(n,3np)Ir-190g	TALYS-6a	0	[4]	24
Pt-193m(n,3np)Ir-190m	TALYS-6a	0	[4,7,8]	23
Pt-193m(n,3np)Ir-190n	TALYS-6a	0	[4,7,8]	23
Pt-193m(n,n'2p)Os-191g	TALYS-6a	0		28
Pt-193m(n,n'2p)Os-191m	TALYS-6a	0		28
Pt-193m(n,n'pa)Re-188g	TALYS-6a	0		31
Pt-193m(n,n'pa)Re-188m	TALYS-6a	0		32
Pt-193m(n,g)Pt-194	MASGAM	0	[14,13]	83
Pt-193m(n,p)Ir-193g	TALYS-6a	0	[2]	99
Pt-193m(n,p)Ir-193m	TALYS-6a	0	[2]	99
Pt-193m(n,d)Ir-192g	TALYS-6a	0	[4]	51
Pt-193m(n,d)Ir-192m	TALYS-6a	0	[4,7,8]	51
Pt-193m(n,d)Ir-192n	TALYS-6a	0	[4,7,8]	50
Pt-193m(n,t)Ir-191g	TALYS-6a	0	[4]	49
Pt-193m(n,t)Ir-191m	TALYS-6a	0	[4,7,8]	48
Pt-193m(n,t)Ir-191n	TALYS-6a	0	[4,7,8]	48
Pt-193m(n,h)Os-191g	TALYS-6a	0		37
Pt-193m(n,h)Os-191m	TALYS-6a	0		36
Pt-193m(n,a)Os-190g	TALYS-6a	0	[4,2]	99
Pt-193m(n,a)Os-190m	TALYS-6a	0	[7,4,7,2]	99
Pt-193m(n,2a)W-186	TALYS-6a	0		99
Pt-193m(n,2p)Os-192g	TALYS-6a	0	[4,8]	40
Pt-193m(n,2p)Os-192m	TALYS-6a	0	[4,7,8,8]	39
Pt-193m(n,pa)Re-189	TALYS-6a	0		99
Pt-193m(n,pd)Os-191g	TALYS-6a	0		29
Pt-193m(n,pd)Os-191m	TALYS-6a	0		29
Pt-193m(n,5n)Pt-189	TALYS-6a	0		16
Pt-193m(n,6n)Pt-188	TALYS-6a	0		13
Pt-193m(n,2nt)Ir-189	TALYS-6a	0	[8]	25
Pt-193m(n,4np)Ir-189	TALYS-6a	0	[8]	18
Pt-193m(n,3nd)Ir-189	TALYS-6a	0	[8]	19
Pt-193m(n,n'da)Re-187	TALYS-6a	0	[8]	27
Pt-193m(n,2npa)Re-187	TALYS-6a	0	[8]	26
Pt-193m(n,7n)Pt-187	TALYS-6a	0		8
Pt-193m(n,5np)Ir-188	TALYS-6a	0	[8]	13
Pt-193m(n,6np)Ir-187	TALYS-6a	0		10
Pt-193m(n,4na)Os-186	TALYS-6a	0	[8]	23
Pt-193m(n,5na)Os-185	TALYS-6a	0	[8]	16
Pt-193m(n,6na)Os-184	TALYS-6a	0	[8]	12
Pt-193m(n,7na)Os-183g	TALYS-6a	0		8
Pt-193m(n,7na)Os-183m	TALYS-6a	0		8
Pt-193m(n,4nd)Ir-188	TALYS-6a	0	[8]	14
Pt-193m(n,5nd)Ir-187	TALYS-6a	0	[8]	10
Pt-193m(n,6nd)Ir-186g	TALYS-6a	0	[4,8]	6
Pt-193m(n,6nd)Ir-186m	TALYS-6a	0	[4,7,8,8]	5
Pt-193m(n,3nt)Ir-188	TALYS-6a	0	[8]	16
Pt-193m(n,4nt)Ir-187	TALYS-6a	0	[8]	13
Pt-193m(n,5nt)Ir-186g	TALYS-6a	0	[4,8]	9
Pt-193m(n,5nt)Ir-186m	TALYS-6a	0	[4,7,8,8]	8
Pt-193m(n,2nh)Os-189g	TALYS-6a	0		22
Pt-193m(n,2nh)Os-189m	TALYS-6a	0		22
Pt-193m(n,3nh)Os-188	TALYS-6a	0	[8]	16
Pt-193m(n,4nh)Os-187	TALYS-6a	0	[8]	13
Pt-193m(n,3n2p)Os-189g	TALYS-6a	0		16
Pt-193m(n,3n2p)Os-189m	TALYS-6a	0		16
Pt-193m(n,3n2a)W-183g	TALYS-6a	0		23
Pt-193m(n,3n2a)W-183m	TALYS-6a	0		23
Pt-193m(n,3npa)Re-186g	TALYS-6a	0		18
Pt-193m(n,3npa)Re-186m	TALYS-6a	0		18
Pt-193m(n,n'pd)Os-190g	TALYS-6a	0	[4,8]	24
Pt-193m(n,n'pd)Os-190m	TALYS-6a	0	[4,7,8,8]	23
Pt-193m(n,n'pt)Os-189g	TALYS-6a	0		21
Pt-193m(n,n'pt)Os-189m	TALYS-6a	0		22
Pt-193m(n,n'dt)Os-188	TALYS-6a	0	[8]	16
Pt-193m(n,n'ta)Re-186g	TALYS-6a	0		25
Pt-193m(n,n'ta)Re-186m	TALYS-6a	0		25
Pt-193m(n,2n2p)Os-190g	TALYS-6a	0	[4,8]	23
Pt-193m(n,2n2p)Os-190m	TALYS-6a	0	[4,7,8,8]	22
Pt-193m(n,4n2p)Os-188	TALYS-6a	0	[8]	13
Pt-193m(n,4n2a)W-182	TALYS-6a	0	[8]	17

Reaction	Library	Flag	Refs	Value
Pt-193m(n,4npa)Re-185	TALYS-6a	0	[8]	14
Pt-193m(n,3n2pa)W-185g	TALYS-5a	0		11
Pt-193m(n,3n2pa)W-185m	TALYS-5a	0		10
Pt-193m(n,5n2p)Os-187	TALYS-6a	0	[8]	9
Pt-194(n,2nd)Ir-191g	TALYS-6a	0	[4]	25
Pt-194(n,2nd)Ir-191m	TALYS-6a	0	[4,7,8]	24
Pt-194(n,2nd)Ir-191n	TALYS-6a	0	[4,7,8]	24
Pt-194(n,2n)Pt-193g	TALYS-6a	0		45
Pt-194(n,2n)Pt-193m	TALYS-6a	0		44
Pt-194(n,3n)Pt-192	TALYS-6a	0		32
Pt-194(n,n'a)Os-190g	TALYS-6a	0	[4]	100
Pt-194(n,n'a)Os-190m	TALYS-6a	0	[4,7,8,10]	87
Pt-194(n,2na)Os-189g	TALYS-6a	0		39
Pt-194(n,2na)Os-189m	TALYS-6a	0		39
Pt-194(n,3na)Os-188	TALYS-6a	0	[8]	29
Pt-194(n,n'p)Ir-193g	TALYS-6a	0		44
Pt-194(n,n'p)Ir-193m	TALYS-6a	0		44
Pt-194(n,n'2a)W-186	TALYS-6a	0		100
Pt-194(n,2n2a)W-185g	TALYS-6a	0		27
Pt-194(n,2n2a)W-185m	TALYS-6a	0		27
Pt-194(n,n'd)Ir-192g	TALYS-6a	0	[4]	31
Pt-194(n,n'd)Ir-192m	TALYS-6a	0	[4,7,8]	30
Pt-194(n,n'd)Ir-192n	TALYS-6a	0	[4,7,8]	30
Pt-194(n,n't)Ir-191g	TALYS-6a	0	[4]	31
Pt-194(n,n't)Ir-191m	TALYS-6a	0	[4,7,8]	30
Pt-194(n,n't)Ir-191n	TALYS-6a	0	[4,7,8]	30
Pt-194(n,n'h)Os-191g	TALYS-6a	0		27
Pt-194(n,n'h)Os-191m	TALYS-6a	0		27
Pt-194(n,4n)Pt-191	TALYS-6a	0		23
Pt-194(n,2np)Ir-192g	TALYS-6a	0	[4]	30
Pt-194(n,2np)Ir-192m	TALYS-6a	0	[4,7,8]	29
Pt-194(n,2np)Ir-192n	TALYS-6a	0	[4,7,8]	29
Pt-194(n,3np)Ir-191g	TALYS-6a	0	[4]	23
Pt-194(n,3np)Ir-191m	TALYS-6a	0	[4,7,8]	22
Pt-194(n,3np)Ir-191n	TALYS-6a	0	[4,7,8]	22
Pt-194(n,n'2p)Os-192g	TALYS-6a	0	[4,8]	27
Pt-194(n,n'2p)Os-192m	TALYS-6a	0	[4,7,8,8]	26
Pt-194(n,n'pa)Re-189	TALYS-6a	0	[8]	30
>Pt-194(n,g)Pt-195g	LANL-2000	4	[14,13,3]	928
>Pt-194(n,g)Pt-195m	LANL-2000	2	[14,13,3]	928
Pt-194(n,p)Ir-194g	TALYS-5	4	[4,3,8]	72
Pt-194(n,p)Ir-194m	TALYS-5	2	[4,7,8,3,8]	71
+Pt-194(n,p)Ir-194n	TALYS-5	0	[4,7,8,8]	71
Pt-194(n,d)Ir-193g	TALYS-6a	0		48
Pt-194(n,d)Ir-193m	TALYS-6a	0		48
Pt-194(n,t)Ir-192g	TALYS-6a	0	[4]	42
Pt-194(n,t)Ir-192m	TALYS-6a	0	[4,7,8]	41
Pt-194(n,t)Ir-192n	TALYS-6a	0	[4,7,8]	41
Pt-194(n,h)Os-192g	TALYS-6a	0	[4,8]	38
Pt-194(n,h)Os-192m	TALYS-6a	0	[4,7,8,8]	37
Pt-194(n,a)Os-191g	TALYS-6a	0	[9,2,3]	927
Pt-194(n,a)Os-191m	TALYS-6a	0	[9,2,3]	927
Pt-194(n,2a)W-187	TALYS-6a	0		100
Pt-194(n,2p)Os-193	TALYS-6a	0	[8]	34
Pt-194(n,pd)Os-192g	TALYS-6a	0	[4,8]	28
Pt-194(n,pd)Os-192m	TALYS-6a	0	[4,7,8,8]	27
Pt-194(n,da)Re-189	TALYS-6a	0	[8]	31
Pt-194(n,5n)Pt-190	TALYS-6a	0		17
Pt-194(n,6n)Pt-189	TALYS-6a	0		12
Pt-194(n,2nt)Ir-190g	TALYS-6a	0	[4]	23
Pt-194(n,2nt)Ir-190m	TALYS-6a	0	[4,7,8]	21
Pt-194(n,2nt)Ir-190n	TALYS-6a	0	[4,7,8]	22
Pt-194(n,4np)Ir-190g	TALYS-6a	0	[4]	16
Pt-194(n,4np)Ir-190m	TALYS-6a	0	[4,7,8]	15
Pt-194(n,4np)Ir-190n	TALYS-6a	0	[4,7,8]	15
Pt-194(n,3nd)Ir-190g	TALYS-6a	0	[4]	17
Pt-194(n,3nd)Ir-190m	TALYS-6a	0	[4,7,8]	16
Pt-194(n,3nd)Ir-190n	TALYS-6a	0	[4,7,8]	16
Pt-194(n,n'da)Re-188g	TALYS-6a	0		24
Pt-194(n,n'da)Re-188m	TALYS-6a	0		24
Pt-194(n,2npa)Re-188g	TALYS-6a	0		23
Pt-194(n,2npa)Re-188m	TALYS-6a	0		23
Pt-194(n,7n)Pt-188	TALYS-6a	0		9
Pt-194(n,5np)Ir-189	TALYS-6a	0		13
Pt-194(n,6np)Ir-188	TALYS-6a	0		9
Pt-194(n,4na)Os-187	TALYS-6a	0	[8]	21
Pt-194(n,5na)Os-186	TALYS-6a	0	[8]	15
Pt-194(n,6na)Os-185	TALYS-6a	0	[8]	11
Pt-194(n,7na)Os-184	TALYS-6a	0	[8]	8
Pt-194(n,4nd)Ir-189	TALYS-6a	0	[8]	13
Pt-194(n,5nd)Ir-188	TALYS-6a	0	[8]	9
Pt-194(n,6nd)Ir-187	TALYS-6a	0	[8]	6
Pt-194(n,3nt)Ir-189	TALYS-6a	0	[8]	16
Pt-194(n,4nt)Ir-188	TALYS-6a	0	[8]	12
Pt-194(n,5nt)Ir-187	TALYS-6a	0	[8]	9
Pt-194(n,2nh)Os-190g	TALYS-6a	0	[4,8]	21
Pt-194(n,2nh)Os-190m	TALYS-6a	0	[4,7,8,8]	20
Pt-194(n,3nh)Os-189g	TALYS-6a	0		15
Pt-194(n,3nh)Os-189m	TALYS-6a	0		15
Pt-194(n,4nh)Os-188	TALYS-6a	0	[8]	12
Pt-194(n,3n2p)Os-190g	TALYS-6a	0	[4,8]	15
Pt-194(n,3n2p)Os-190m	TALYS-6a	0	[4,7,8,8]	14
Pt-194(n,3n2a)W-184	TALYS-6a	0	[8]	21
Pt-194(n,3npa)Re-187	TALYS-6a	0	[8]	17
Pt-194(n,n'pd)Os-191g	TALYS-6a	0		21
Pt-194(n,n'pd)Os-191m	TALYS-6a	0		20
Pt-194(n,n'pt)Os-190g	TALYS-6a	0	[4,8]	21
Pt-194(n,n'pt)Os-190m	TALYS-6a	0	[4,7,8,8]	20
Pt-194(n,n'ta)Re-187	TALYS-6a	0	[8]	24
Pt-194(n,2n2p)Os-191g	TALYS-6a	0		19
Pt-194(n,2n2p)Os-191m	TALYS-6a	0		19
Pt-194(n,4n2p)Os-189g	TALYS-6a	0		11
Pt-194(n,4n2p)Os-189m	TALYS-6a	0		11
Pt-194(n,4n2a)W-183g	TALYS-6a	0		15
Pt-194(n,4n2a)W-183m	TALYS-6a	0		15
Pt-194(n,4npa)Re-186g	TALYS-6a	0		13
Pt-194(n,4npa)Re-186m	TALYS-6a	0		13
Pt-195(n,n')Pt-195m	TALYS-6a	0		88
Pt-195(n,2nd)Ir-192g	TALYS-6a	0	[4]	25
Pt-195(n,2nd)Ir-192m	TALYS-6a	0	[4,7,8]	24
Pt-195(n,2nd)Ir-192n	TALYS-6a	0	[4,7,8]	24
Pt-195(n,2n)Pt-194	TALYS-6a	0		55
Pt-195(n,3n)Pt-193g	TALYS-6a	0		32
Pt-195(n,3n)Pt-193m	TALYS-6a	0		32
Pt-195(n,n'a)Os-191g	TALYS-6a	0		100
Pt-195(n,n'a)Os-191m	TALYS-6a	0		100
Pt-195(n,2na)Os-190g	TALYS-6a	0	[4,8]	42
Pt-195(n,2na)Os-190m	TALYS-6a	0	[4,7,8,8]	41
Pt-195(n,3na)Os-189g	TALYS-6a	0		29
Pt-195(n,3na)Os-189m	TALYS-6a	0		29
>Pt-195(n,n'p)Ir-194g	TALYS-6a	0	[4,8]	44
>Pt-195(n,n'p)Ir-194m	TALYS-6a	0	[4,7,8,8]	43
+Pt-195(n,n'p)Ir-194n	TALYS-6a	0	[4,7,8,8]	43
Pt-195(n,n'2a)W-187	TALYS-6a	0		100
Pt-195(n,2n2a)W-186	TALYS-6a	0	[8]	27
Pt-195(n,n'd)Ir-193g	TALYS-6a	0		34
Pt-195(n,n'd)Ir-193m	TALYS-6a	0		34
Pt-195(n,n't)Ir-192g	TALYS-6a	0	[4]	31
Pt-195(n,n't)Ir-192m	TALYS-6a	0	[4,7,8]	30
Pt-195(n,n't)Ir-192n	TALYS-6a	0	[4,7,8]	30
Pt-195(n,n'h)Os-192g	TALYS-6a	0	[4,8]	28
Pt-195(n,n'h)Os-192m	TALYS-6a	0	[4,7,8,8]	27
Pt-195(n,4n)Pt-192	TALYS-6a	0		26
Pt-195(n,2np)Ir-193g	TALYS-6a	0		31
Pt-195(n,2np)Ir-193m	TALYS-6a	0		31
Pt-195(n,3np)Ir-192g	TALYS-6a	0	[4]	24
Pt-195(n,3np)Ir-192m	TALYS-6a	0	[4,7,8]	22
Pt-195(n,3np)Ir-192n	TALYS-6a	0	[4,7,8]	23
Pt-195(n,n'2p)Os-193	TALYS-6a	0	[8]	26
Pt-195(n,n'pa)Re-190g	TALYS-6a	0		29
Pt-195(n,n'pa)Re-190m	TALYS-6a	0		29
>Pt-195(n,g)Pt-196	SIGECN-MASGAM	4	[14,13]	3064
>Pt-195(n,p)Ir-195g	TALYS-5a	2		78
>Pt-195(n,p)Ir-195m	TALYS-5a	4	[3]	77
>Pt-195(n,d)Ir-194g	TALYS-6a	0	[4,8]	48
>Pt-195(n,d)Ir-194m	TALYS-6a	0	[4,7,8,8]	47
+Pt-195(n,d)Ir-194n	TALYS-6a	0	[4,7,8,8]	47
Pt-195(n,t)Ir-193g	TALYS-6a	0		46
Pt-195(n,t)Ir-193m	TALYS-6a	0		46
Pt-195(n,h)Os-193	TALYS-6a	0	[8]	36
Pt-195(n,a)Os-192g	TALYS-6a	0	[9,4,2,3]	3040
Pt-195(n,a)Os-192m	TALYS-6a	0	[7,9,4,7,2,3]	3040
Pt-195(n,2a)W-188	TALYS-6a	0		100
Pt-195(n,2p)Os-194	TALYS-6a	0	[8]	35
Pt-195(n,pa)Re-191	TALYS-6a	0	[8]	41
Pt-195(n,pd)Os-193	TALYS-6a	0	[8]	27
Pt-195(n,5n)Pt-191	TALYS-6a	0		17
Pt-195(n,6n)Pt-190	TALYS-6a	0		13
Pt-195(n,2nt)Ir-191g	TALYS-6a	0	[4]	24
Pt-195(n,2nt)Ir-191m	TALYS-6a	0	[4,7,8]	23
Pt-195(n,2nt)Ir-191n	TALYS-6a	0	[4,7,8]	23
Pt-195(n,4np)Ir-191g	TALYS-6a	0	[4]	17
Pt-195(n,4np)Ir-191m	TALYS-6a	0	[4,7,8]	16
Pt-195(n,4np)Ir-191n	TALYS-6a	0	[4,7,8]	16
Pt-195(n,3nd)Ir-191g	TALYS-6a	0	[4]	19
Pt-195(n,3nd)Ir-191m	TALYS-6a	0	[4,7,8]	18
Pt-195(n,3nd)Ir-191n	TALYS-6a	0	[4,7,8]	18
Pt-195(n,n'da)Re-189	TALYS-6a	0	[8]	24
Pt-195(n,2npa)Re-189	TALYS-6a	0	[8]	23
Pt-195(n,7n)Pt-189	TALYS-6a	0		9
Pt-195(n,8n)Pt-188	TALYS-6a	0		6
Pt-195(n,5np)Ir-190g	TALYS-6a	0	[4]	13
Pt-195(n,5np)Ir-190m	TALYS-6a	0	[4,7,8]	12
Pt-195(n,5np)Ir-190n	TALYS-6a	0	[4,7,8]	12
Pt-195(n,6np)Ir-189	TALYS-6a	0		10
Pt-195(n,7np)Ir-188	TALYS-6a	0	[8]	5
Pt-195(n,4na)Os-188	TALYS-6a	0	[8]	23
Pt-195(n,5na)Os-187	TALYS-6a	0	[8]	15
Pt-195(n,6na)Os-186	TALYS-6a	0	[8]	12
Pt-195(n,7na)Os-185	TALYS-6a	0	[8]	8
Pt-195(n,4nd)Ir-190g	TALYS-6a	0	[4]	14
Pt-195(n,4nd)Ir-190m	TALYS-6a	0	[4,7,8]	13
Pt-195(n,4nd)Ir-190n	TALYS-6a	0	[4,7,8]	13
Pt-195(n,5nd)Ir-189	TALYS-6a	0	[8]	10
Pt-195(n,6nd)Ir-188	TALYS-6a	0	[8]	6
Pt-195(n,3nt)Ir-190g	TALYS-6a	0	[4]	16
Pt-195(n,3nt)Ir-190m	TALYS-6a	0	[4,7,8]	15
Pt-195(n,3nt)Ir-190n	TALYS-6a	0	[4,7,8]	15
Pt-195(n,4nt)Ir-189	TALYS-6a	0	[8]	13
Pt-195(n,5nt)Ir-188	TALYS-6a	0	[8]	9
Pt-195(n,6nt)Ir-187	TALYS-6a	0	[8]	5
Pt-195(n,2nh)Os-191g	TALYS-6a	0		21
Pt-195(n,2nh)Os-191m	TALYS-6a	0		21
Pt-195(n,3nh)Os-190g	TALYS-6a	0	[4,8]	16
Pt-195(n,3nh)Os-190m	TALYS-6a	0	[4,7,8,8]	15
Pt-195(n,4nh)Os-189g	TALYS-6a	0		12
Pt-195(n,4nh)Os-189m	TALYS-6a	0		12
Pt-195(n,3n2p)Os-191g	TALYS-6a	0		15
Pt-195(n,3n2p)Os-191m	TALYS-6a	0		15
Pt-195(n,3n2a)W-185g	TALYS-6a	0		20
Pt-195(n,3n2a)W-185m	TALYS-6a	0		20
Pt-195(n,3npa)Re-188g	TALYS-6a	0		16
Pt-195(n,3npa)Re-188m	TALYS-6a	0		16
Pt-195(n,n'pd)Os-192g	TALYS-6a	0	[4,8]	22
Pt-195(n,n'pd)Os-192m	TALYS-6a	0	[4,7,8,8]	21
Pt-195(n,n'pt)Os-191g	TALYS-6a	0		20
Pt-195(n,n'pt)Os-191m	TALYS-6a	0		20
Pt-195(n,2n2p)Os-192g	TALYS-6a	0	[4,8]	21
Pt-195(n,2n2p)Os-192m	TALYS-6a	0	[4,7,8,8]	20
Pt-195(n,4n2p)Os-190g	TALYS-6a	0	[4,8]	12
Pt-195(n,4n2p)Os-190m	TALYS-6a	0	[4,7,8,8]	11
Pt-195(n,4n2a)W-184	TALYS-6a	0	[8]	15
Pt-195(n,4npa)Re-187	TALYS-6a	0	[8]	13
Pt-195m(n,n')Pt-195g	TALYS-6a	0		97
Pt-195m(n,2nd)Ir-192g	TALYS-6a	0	[4]	25
Pt-195m(n,2nd)Ir-192m	TALYS-6a	0	[4,7,8]	24
Pt-195m(n,2nd)Ir-192n	TALYS-6a	0	[4,7,8]	24
Pt-195m(n,2n)Pt-194	TALYS-6a	0		56

Pt-195m(n,3n)Pt-193g	TALYS-6a	0		33	Pt-196(n,2na)Os-191m	TALYS-6a	0	37
Pt-195m(n,3n)Pt-193m	TALYS-6a	0		33	Pt-196(n,3na)Os-190g	TALYS-6a	0 [4,8]	29
Pt-195m(n,n'a)Os-191g	TALYS-6a	0		100	Pt-196(n,3na)Os-190m	TALYS-6a	0 [4,7,8,8]	28
Pt-195m(n,n'a)Os-191m	TALYS-6a	0		100	Pt-196(n,n'p)Ir-195g	TALYS-6a	0	42
Pt-195m(n,2na)Os-190g	TALYS-6a	0 [4,8]		43	Pt-196(n,n'p)Ir-195m	TALYS-6a	0	42
Pt-195m(n,2na)Os-190m	TALYS-6a	0 [4,7,8,8]		42	Pt-196(n,n'2a)W-188	TALYS-6a	0	100
Pt-195m(n,3na)Os-189g	TALYS-6a	0		29	Pt-196(n,2n2a)W-187	TALYS-6a	0 [8]	24
Pt-195m(n,3na)Os-189m	TALYS-6a	0		29	>Pt-196(n,n'd)Ir-194g	TALYS-6a	0 [4,8]	31
>Pt-195m(n,n'p)Ir-194g	TALYS-6a	0 [4,8]		44	>Pt-196(n,n'd)Ir-194m	TALYS-6a	0 [4,7,8,8]	30
>Pt-195m(n,n'p)Ir-194m	TALYS-6a	0 [4,7,8,8]		43	+Pt-196(n,n'd)Ir-194n	TALYS-6a	0 [4,7,8,8]	30
+Pt-195m(n,n'p)Ir-194n	TALYS-6a	0 [4,7,8,8]		43	Pt-196(n,n't)Ir-193g	TALYS-6a	0	31
Pt-195m(n,n'2a)W-187	TALYS-6a	0		100	Pt-196(n,n't)Ir-193m	TALYS-6a	0	31
Pt-195m(n,2n2a)W-186	TALYS-6a	0 [8]		28	Pt-196(n,n'h)Os-193	TALYS-6a	0 [8]	26
Pt-195m(n,n'd)Ir-193g	TALYS-6a	0		34	Pt-196(n,4n)Pt-193g	TALYS-6a	0	24
Pt-195m(n,n'd)Ir-193m	TALYS-6a	0		34	Pt-196(n,4n)Pt-193m	TALYS-6a	0	24
Pt-195m(n,n't)Ir-192g	TALYS-6a	0 [4]		31	>Pt-196(n,2np)Ir-194g	TALYS-6a	0 [4,8]	30
Pt-195m(n,n't)Ir-192m	TALYS-6a	0 [4,7,8]		30	>Pt-196(n,2np)Ir-194m	TALYS-6a	0 [4,7,8,8]	29
Pt-195m(n,n't)Ir-192n	TALYS-6a	0 [4,7,8]		30	+Pt-196(n,2np)Ir-194n	TALYS-6a	0 [4,7,8,8]	29
Pt-195m(n,n'h)Os-192g	TALYS-6a	0 [4,8]		28	Pt-196(n,3np)Ir-193g	TALYS-6a	0	23
Pt-195m(n,n'h)Os-192m	TALYS-6a	0 [4,7,8,8]		27	Pt-196(n,3np)Ir-193m	TALYS-6a	0	23
Pt-195m(n,4n)Pt-192	TALYS-6a	0		26	Pt-196(n,n'2p)Os-194	TALYS-6a	0 [8]	25
Pt-195m(n,2np)Ir-193g	TALYS-6a	0		32	Pt-196(n,n'pa)Re-191	TALYS-6a	0 [8]	28
Pt-195m(n,2np)Ir-193m	TALYS-6a	0		32	>Pt-196(n,g)Pt-197g	LANL-2000	4 [14,13,16,15]	677
Pt-195m(n,3np)Ir-192g	TALYS-6a	0 [4]		24	>Pt-196(n,g)Pt-197m	LANL-2000	4 [14,13,3]	675
Pt-195m(n,3np)Ir-192m	TALYS-6a	0 [4,7,8]		23	Pt-196(n,p)Ir-196g	TALYS-6	6 [3]	67
Pt-195m(n,3np)Ir-192n	TALYS-6a	0 [4,7,8]		23	Pt-196(n,p)Ir-196m	TALYS-6	4 [3]	65
Pt-195m(n,n'2p)Os-193	TALYS-6a	0 [8]		26	Pt-196(n,d)Ir-195g	TALYS-6a	0	45
Pt-195m(n,n'pa)Re-190g	TALYS-6a	0		29	Pt-196(n,d)Ir-195m	TALYS-6a	0	45
Pt-195m(n,n'pa)Re-190m	TALYS-6a	0		29	>Pt-196(n,t)Ir-194g	TALYS-6a	0 [4,8]	42
>Pt-195m(n,g)Pt-196	SIGECN-MASGAM	0 [14,7,13]		3064	>Pt-196(n,t)Ir-194m	TALYS-6a	0 [4,7,8,8]	41
Pt-195m(n,p)Ir-195g	TALYS-6a	0 [2]		78	+Pt-196(n,t)Ir-194n	TALYS-6a	0 [4,7,8,8]	41
Pt-195m(n,p)Ir-195m	TALYS-6a	0 [2]		79	Pt-196(n,h)Os-194	TALYS-6a	0 [8]	34
>Pt-195m(n,d)Ir-194g	TALYS-6a	0 [4,8]		48	Pt-196(n,a)Os-193	TALYS-5	2 [9,3,3]	693
>Pt-195m(n,d)Ir-194m	TALYS-6a	0 [4,7,8,8]		47	Pt-196(n,2p)Os-195	TALYS-6a	0 [8]	28
+Pt-195m(n,d)Ir-194n	TALYS-6a	0 [4,7,8,8]		47	Pt-196(n,pd)Os-194	TALYS-6a	0 [8]	26
Pt-195m(n,t)Ir-193g	TALYS-6a	0		47	Pt-196(n,da)Re-191	TALYS-6a	0 [8]	29
Pt-195m(n,t)Ir-193m	TALYS-6a	0		47	Pt-196(n,5n)Pt-192	TALYS-6a	0	18
Pt-195m(n,h)Os-193	TALYS-6a	0 [8]		34	Pt-196(n,6n)Pt-191	TALYS-6a	0	13
Pt-195m(n,a)Os-192g	TALYS-6a	0 [4,2]		100	Pt-196(n,2nt)Ir-192g	TALYS-6a	0 [4]	23
Pt-195m(n,a)Os-192m	TALYS-6a	0 [7,4,7,2]		100	Pt-196(n,2nt)Ir-192m	TALYS-6a	0 [4,7,8]	22
Pt-195m(n,2a)W-188	TALYS-6a	0		100	Pt-196(n,2nt)Ir-192n	TALYS-6a	0 [4,7,8]	22
Pt-195m(n,2p)Os-194	TALYS-6a	0 [8]		36	Pt-196(n,4np)Ir-192g	TALYS-6a	0 [4]	16
Pt-195m(n,pa)Re-191	TALYS-6a	0		100	Pt-196(n,4np)Ir-192m	TALYS-6a	0 [4,7,8]	15
Pt-195m(n,pd)Os-193	TALYS-6a	0 [8]		27	Pt-196(n,4np)Ir-192n	TALYS-6a	0 [4,7,8]	15
Pt-195m(n,5n)Pt-191	TALYS-6a	0		17	Pt-196(n,3nd)Ir-192g	TALYS-6a	0 [4]	17
Pt-195m(n,6n)Pt-190	TALYS-6a	0		14	Pt-196(n,3nd)Ir-192m	TALYS-6a	0 [4,7,8]	16
Pt-195m(n,2nt)Ir-191g	TALYS-6a	0 [4]		25	Pt-196(n,3nd)Ir-192n	TALYS-6a	0 [4,7,8]	16
Pt-195m(n,2nt)Ir-191m	TALYS-6a	0 [4,7,8]		23	Pt-196(n,2npa)Re-190g	TALYS-6a	0	20
Pt-195m(n,2nt)Ir-191n	TALYS-6a	0 [4,7,8]		24	Pt-196(n,2npa)Re-190m	TALYS-6a	0	20
Pt-195m(n,4np)Ir-191g	TALYS-6a	0 [4]		18	Pt-196(n,7n)Pt-190	TALYS-6a	0	10
Pt-195m(n,4np)Ir-191m	TALYS-6a	0 [4,7,8]		16	Pt-196(n,8n)Pt-189	TALYS-6a	0	5
Pt-195m(n,4np)Ir-191n	TALYS-6a	0 [4,7,8]		16	Pt-196(n,5np)Ir-191g	TALYS-6a	0 [4]	13
Pt-195m(n,3nd)Ir-191g	TALYS-6a	0 [4]		19	Pt-196(n,5np)Ir-191m	TALYS-6a	0 [4,7,8]	12
Pt-195m(n,3nd)Ir-191m	TALYS-6a	0 [4,7,8]		18	Pt-196(n,5np)Ir-191n	TALYS-6a	0 [4,7,8]	12
Pt-195m(n,3nd)Ir-191n	TALYS-6a	0 [4,7,8]		18	Pt-196(n,6np)Ir-190g	TALYS-6a	0 [4]	9
Pt-195m(n,n'da)Re-189	TALYS-6a	0 [8]		25	Pt-196(n,6np)Ir-190m	TALYS-6a	0 [4,7,8]	8
Pt-195m(n,2npa)Re-189	TALYS-6a	0 [8]		24	Pt-196(n,6np)Ir-190n	TALYS-6a	0 [4,7,8]	8
Pt-195m(n,7n)Pt-189	TALYS-6a	0		9	Pt-196(n,7np)Ir-189	TALYS-6a	0	6
Pt-195m(n,8n)Pt-188	TALYS-6a	0		6	Pt-196(n,4na)Os-189g	TALYS-6a	0	20
Pt-195m(n,5np)Ir-190g	TALYS-6a	0 [4]		13	Pt-196(n,4na)Os-189m	TALYS-6a	0	21
Pt-195m(n,5np)Ir-190m	TALYS-6a	0 [4,7,8]		12	Pt-196(n,5na)Os-188	TALYS-6a	0 [8]	15
Pt-195m(n,5np)Ir-190n	TALYS-6a	0 [4,7,8]		12	Pt-196(n,6na)Os-187	TALYS-6a	0 [8]	11
Pt-195m(n,6np)Ir-189	TALYS-6a	0 [8]		10	Pt-196(n,7na)Os-186	TALYS-6a	0 [8]	8
Pt-195m(n,7np)Ir-188	TALYS-6a	0		6	Pt-196(n,4nd)Ir-191g	TALYS-6a	0 [4]	14
Pt-195m(n,4na)Os-188	TALYS-6a	0 [8]		23	Pt-196(n,4nd)Ir-191m	TALYS-6a	0 [4,7,8]	13
Pt-195m(n,5na)Os-187	TALYS-6a	0 [8]		16	Pt-196(n,4nd)Ir-191n	TALYS-6a	0 [4,7,8]	13
Pt-195m(n,6na)Os-186	TALYS-6a	0 [8]		12	Pt-196(n,5nd)Ir-190g	TALYS-6a	0 [4]	9
Pt-195m(n,7na)Os-185	TALYS-6a	0 [8]		8	Pt-196(n,5nd)Ir-190m	TALYS-6a	0 [4,7,8]	8
Pt-195m(n,4nd)Ir-190g	TALYS-6a	0 [4]		14	Pt-196(n,5nd)Ir-190n	TALYS-6a	0 [4,7,8]	8
Pt-195m(n,4nd)Ir-190m	TALYS-6a	0 [4,7,8]		13	Pt-196(n,6nd)Ir-189	TALYS-6a	0 [8]	6
Pt-195m(n,4nd)Ir-190n	TALYS-6a	0 [4,7,8]		13	Pt-196(n,3nt)Ir-191g	TALYS-6a	0 [4]	16
Pt-195m(n,5nd)Ir-189	TALYS-6a	0 [8]		10	Pt-196(n,3nt)Ir-191m	TALYS-6a	0 [4,7,8]	15
Pt-195m(n,6nd)Ir-188	TALYS-6a	0 [8]		6	Pt-196(n,3nt)Ir-191n	TALYS-6a	0 [4,7,8]	15
Pt-195m(n,3nt)Ir-190g	TALYS-6a	0 [4]		16	Pt-196(n,4nt)Ir-190g	TALYS-6a	0 [4]	12
Pt-195m(n,3nt)Ir-190m	TALYS-6a	0 [4,7,8]		15	Pt-196(n,4nt)Ir-190m	TALYS-6a	0 [4,7,8]	11
Pt-195m(n,3nt)Ir-190n	TALYS-6a	0 [4,7,8]		15	Pt-196(n,4nt)Ir-190n	TALYS-6a	0 [4,7,8]	11
Pt-195m(n,4nt)Ir-189	TALYS-6a	0 [8]		13	Pt-196(n,5nt)Ir-189	TALYS-6a	0 [8]	9
Pt-195m(n,5nt)Ir-188	TALYS-6a	0 [8]		9	Pt-196(n,6nt)Ir-188	TALYS-6a	0 [8]	5
Pt-195m(n,6nt)Ir-187	TALYS-6a	0 [8]		6	Pt-196(n,2nh)Os-192g	TALYS-6a	0 [4,8]	21
Pt-195m(n,2nh)Os-191g	TALYS-6a	0		21	Pt-196(n,2nh)Os-192m	TALYS-6a	0 [4,7,8,8]	20
Pt-195m(n,2nh)Os-191m	TALYS-6a	0		21	Pt-196(n,3nh)Os-191g	TALYS-6a	0	15
Pt-195m(n,3nh)Os-190g	TALYS-6a	0 [4,8]		16	Pt-196(n,3nh)Os-191m	TALYS-6a	0	15
Pt-195m(n,3nh)Os-190m	TALYS-6a	0 [4,7,8,8]		15	Pt-196(n,4nh)Os-190g	TALYS-6a	0 [4,8]	12
Pt-195m(n,4nh)Os-189g	TALYS-6a	0		12	Pt-196(n,4nh)Os-190m	TALYS-6a	0 [4,7,8,8]	11
Pt-195m(n,4nh)Os-189m	TALYS-6a	0		12	Pt-196(n,3n2p)Os-192g	TALYS-6a	0 [4,8]	15
Pt-195m(n,3n2p)Os-191g	TALYS-6a	0		15	Pt-196(n,3n2p)Os-192m	TALYS-6a	0 [4,7,8,8]	14
Pt-195m(n,3n2p)Os-191m	TALYS-6a	0		15	Pt-196(n,3n2a)W-186	TALYS-6a	0 [8]	19
Pt-195m(n,3n2a)W-185g	TALYS-6a	0		20	Pt-196(n,3npa)Re-189	TALYS-6a	0 [8]	16
Pt-195m(n,3n2a)W-185m	TALYS-6a	0		21	Pt-196(n,n'pd)Os-193	TALYS-6a	0 [8]	19
Pt-195m(n,3npa)Re-188g	TALYS-6a	0		16	Pt-196(n,n'pt)Os-192g	TALYS-6a	0 [4,8]	20
Pt-195m(n,3npa)Re-188m	TALYS-6a	0		16	Pt-196(n,n'pt)Os-192m	TALYS-6a	0 [4,7,8,8]	19
Pt-195m(n,n'pd)Os-192g	TALYS-6a	0 [4,8]		22	Pt-196(n,2n2p)Os-193	TALYS-6a	0 [8]	18
Pt-195m(n,n'pd)Os-192m	TALYS-6a	0 [4,7,8,8]		21	Pt-196(n,4n2p)Os-191g	TALYS-6a	0	11
Pt-195m(n,n'pt)Os-191g	TALYS-6a	0		21	Pt-196(n,4n2p)Os-191m	TALYS-6a	0	11
Pt-195m(n,n'pt)Os-191m	TALYS-6a	0		20	Pt-196(n,4n2a)W-185g	TALYS-6a	0	14
Pt-195m(n,2n2p)Os-192g	TALYS-6a	0 [4,8]		21	Pt-196(n,4n2a)W-185m	TALYS-6a	0	14
Pt-195m(n,2n2p)Os-192m	TALYS-6a	0 [4,7,8,8]		20	Pt-196(n,4npa)Re-188g	TALYS-6a	0	12
Pt-195m(n,4n2p)Os-190g	TALYS-6a	0 [4,8]		12	Pt-196(n,4npa)Re-188m	TALYS-6a	0	12
Pt-195m(n,4n2p)Os-190m	TALYS-6a	0 [4,7,8,8]		11	Pt-197(n,n')Pt-197m	TALYS-6a	0	86
Pt-195m(n,4n2a)W-184	TALYS-6a	0 [8]		16	>Pt-197(n,2nd)Ir-194g	TALYS-6a	0 [4,8]	25
Pt-195m(n,4npa)Re-187	TALYS-6a	0 [8]		13	>Pt-197(n,2nd)Ir-194m	TALYS-6a	0 [4,7,8,8]	24
Pt-196(n,2nd)Ir-193g	TALYS-6a	0		25	+Pt-197(n,2nd)Ir-194n	TALYS-6a	0 [4,7,8,8]	24
Pt-196(n,2nd)Ir-193m	TALYS-6a	0		25	Pt-197(n,2n)Pt-196	TALYS-6a	0	56
Pt-196(n,2n)Pt-195g	TALYS-6a	0		46	Pt-197(n,3n)Pt-195g	TALYS-6a	0	34
Pt-196(n,2n)Pt-195m	TALYS-6a	0		45	Pt-197(n,3n)Pt-195m	TALYS-6a	0	33
Pt-196(n,3n)Pt-194	TALYS-6a	0		33	Pt-197(n,n'a)Os-193	TALYS-6a	0	100
Pt-196(n,n'a)Os-192g	TALYS-6a	0 [4]		100	>Pt-197(n,2na)Os-192g	TALYS-6a	0 [4,8]	41
Pt-196(n,n'a)Os-192m	TALYS-6a	0 [4,7,8,10]		78	Pt-197(n,2na)Os-192m	TALYS-6a	0 [4,7,8,8]	40
Pt-196(n,2na)Os-191g	TALYS-6a	0		38	Pt-197(n,3na)Os-191g	TALYS-6a	0	29

Reaction	Library	Flag	Value
Pt-197(n,3na)Os-191m	TALYS-6a	0	28
Pt-197(n,n'p)Ir-196g	TALYS-6a	0	42
Pt-197(n,n'p)Ir-196m	TALYS-6a	0	41
Pt-197(n,2n2a)W-188	TALYS-6a	0 [8]	25
Pt-197(n,n'd)Ir-195g	TALYS-6a	0	33
Pt-197(n,n'd)Ir-195m	TALYS-6a	0	33
>Pt-197(n,n't)Ir-194g	TALYS-6a	0 [4,8]	31
>Pt-197(n,n't)Ir-194m	TALYS-6a	0 [4,7,8,8]	30
+Pt-197(n,n't)Ir-194n	TALYS-6a	0 [4,7,8,8]	30
Pt-197(n,n'h)Os-194	TALYS-6a	0 [8]	27
Pt-197(n,4n)Pt-194	TALYS-6a	0	27
Pt-197(n,2np)Ir-195g	TALYS-6a	0	31
Pt-197(n,2np)Ir-195m	TALYS-6a	0	31
Pt-197(n,3np)Ir-194g	TALYS-6a	0 [4,8]	24
Pt-197(n,3np)Ir-194m	TALYS-6a	0 [4,7,8,8]	23
+Pt-197(n,3np)Ir-194n	TALYS-6a	0 [4,7,8,8]	23
Pt-197(n,n'2p)Os-195	TALYS-6a	0 [8]	24
Pt-197(n,n'pa)Re-192	TALYS-6a	0 [8]	25
Pt-197(n,g)Pt-198	MASGAM	0 [14,13]	83
Pt-197(n,p)Ir-197g	TALYS-6a	0 [2]	72
Pt-197(n,p)Ir-197m	TALYS-6a	0 [2]	71
Pt-197(n,d)Ir-196g	TALYS-6a	0	45
Pt-197(n,d)Ir-196m	TALYS-6a	0	44
Pt-197(n,t)Ir-195g	TALYS-6a	0	45
Pt-197(n,t)Ir-195m	TALYS-6a	0	45
Pt-197(n,h)Os-195	TALYS-6a	0 [8]	31
Pt-197(n,a)Os-194	TALYS-6a	0 [2]	100
Pt-197(n,2p)Os-196	TALYS-6a	0 [8]	31
Pt-197(n,pd)Os-195	TALYS-6a	0 [8]	26
Pt-197(n,5n)Pt-193g	TALYS-6a	0	18
Pt-197(n,5n)Pt-193m	TALYS-6a	0	18
Pt-197(n,6n)Pt-192	TALYS-6a	0	14
Pt-197(n,2nt)Ir-193g	TALYS-6a	0	25
Pt-197(n,2nt)Ir-193m	TALYS-6a	0	24
Pt-197(n,ta)Re-191	TALYS-6a	0 [8]	29
Pt-197(n,4np)Ir-193g	TALYS-6a	0	17
Pt-197(n,4np)Ir-193m	TALYS-6a	0	17
Pt-197(n,3nd)Ir-193g	TALYS-6a	0	19
Pt-197(n,3nd)Ir-193m	TALYS-6a	0	19
Pt-197(n,n'da)Re-191	TALYS-6a	0 [8]	23
Pt-197(n,2npa)Re-191	TALYS-6a	0 [8]	22
Pt-197(n,7n)Pt-191	TALYS-6a	0	10
Pt-197(n,8n)Pt-190	TALYS-6a	0	7
Pt-197(n,5np)Ir-192g	TALYS-6a	0 [4]	13
Pt-197(n,5np)Ir-192m	TALYS-6a	0 [4,7,8]	12
Pt-197(n,5np)Ir-192n	TALYS-6a	0 [4,7,8]	12
Pt-197(n,6np)Ir-191g	TALYS-6a	0 [4]	10
Pt-197(n,6np)Ir-191m	TALYS-6a	0 [4,7,8]	9
Pt-197(n,6np)Ir-191n	TALYS-6a	0 [4,7,8]	9
Pt-197(n,7np)Ir-190g	TALYS-6a	0 [4]	6
Pt-197(n,7np)Ir-190m	TALYS-6a	0 [4,7,8]	5
Pt-197(n,7np)Ir-190n	TALYS-6a	0 [4,7,8]	5
Pt-197(n,4na)Os-190g	TALYS-6a	0 [4,8]	22
Pt-197(n,4na)Os-190m	TALYS-6a	0 [4,7,8,8]	21
Pt-197(n,5na)Os-189g	TALYS-6a	0	15
Pt-197(n,5na)Os-189m	TALYS-6a	0	15
Pt-197(n,6na)Os-188	TALYS-6a	0 [8]	12
Pt-197(n,7na)Os-187	TALYS-6a	0 [8]	8
Pt-197(n,4nd)Ir-192g	TALYS-6a	0 [4]	14
Pt-197(n,4nd)Ir-192m	TALYS-6a	0 [4,7,8]	13
Pt-197(n,4nd)Ir-192n	TALYS-6a	0 [4,7,8]	13
Pt-197(n,5nd)Ir-191g	TALYS-6a	0 [4]	11
Pt-197(n,5nd)Ir-191m	TALYS-6a	0 [4,7,8]	10
Pt-197(n,5nd)Ir-191n	TALYS-6a	0 [4,7,8]	10
Pt-197(n,6nd)Ir-190g	TALYS-6a	0 [4]	7
Pt-197(n,6nd)Ir-190m	TALYS-6a	0 [4,7,8]	5
Pt-197(n,6nd)Ir-190n	TALYS-6a	0 [4,7,8]	6
Pt-197(n,3nt)Ir-192g	TALYS-6a	0 [4]	17
Pt-197(n,3nt)Ir-192m	TALYS-6a	0 [4,7,8]	16
Pt-197(n,3nt)Ir-192n	TALYS-6a	0 [4,7,8]	16
Pt-197(n,4nt)Ir-191g	TALYS-6a	0 [4]	13
Pt-197(n,4nt)Ir-191m	TALYS-6a	0 [4,7,8]	12
Pt-197(n,4nt)Ir-191n	TALYS-6a	0 [4,7,8]	12
Pt-197(n,5nt)Ir-190g	TALYS-6a	0 [4]	9
Pt-197(n,5nt)Ir-190m	TALYS-6a	0 [4,7,8]	8
Pt-197(n,5nt)Ir-190n	TALYS-6a	0 [4,7,8]	8
Pt-197(n,6nt)Ir-189	TALYS-6a	0 [8]	6
Pt-197(n,2nh)Os-193	TALYS-6a	0 [8]	20
Pt-197(n,3nh)Os-192g	TALYS-6a	0 [4,8]	16
Pt-197(n,3nh)Os-192m	TALYS-6a	0 [4,7,8,8]	15
Pt-197(n,4nh)Os-191g	TALYS-6a	0	12
Pt-197(n,4nh)Os-191m	TALYS-6a	0	12
Pt-197(n,3n2p)Os-193	TALYS-6a	0 [8]	14
Pt-197(n,3n2a)W-187	TALYS-6a	0 [8]	17
Pt-197(n,3npa)Re-190g	TALYS-6a	0	16
Pt-197(n,3npa)Re-190m	TALYS-6a	0	16
Pt-197(n,n'pd)Os-194	TALYS-6a	0 [8]	20
Pt-197(n,2n2p)Os-194	TALYS-6a	0 [8]	19
Pt-197(n,4n2p)Os-192g	TALYS-6a	0 [4,8]	12
Pt-197(n,4n2p)Os-192m	TALYS-6a	0 [4,7,8,8]	11
Pt-197(n,4n2a)W-186	TALYS-6a	0 [8]	14
Pt-197(n,4npa)Re-189	TALYS-6a	0 [8]	13
Pt-198(n,2nd)Ir-195g	TALYS-6a	0	25
Pt-198(n,2nd)Ir-195m	TALYS-6a	0	25
>Pt-198(n,2n)Pt-197g	TALYS-6a	2 [4]	48
>Pt-198(n,2n)Pt-197m	TALYS-6a	6	46
Pt-198(n,3n)Pt-196	TALYS-6a	0	35
Pt-198(n,n'a)Os-194	TALYS-6a	0	100
Pt-198(n,2na)Os-193	TALYS-6a	0 [8]	37
Pt-198(n,3na)Os-192g	TALYS-6a	0 [4,8]	28
Pt-198(n,3na)Os-192m	TALYS-6a	0 [4,7,8,8]	27
Pt-198(n,n'p)Ir-197g	TALYS-6a	0	41
Pt-198(n,n'p)Ir-197m	TALYS-6a	0	40
Pt-198(n,n'd)Ir-196g	TALYS-6a	0	30
Pt-198(n,n'd)Ir-196m	TALYS-6a	0	30
Pt-198(n,n't)Ir-195g	TALYS-6a	0	31
Pt-198(n,n't)Ir-195m	TALYS-6a	0	30
Pt-198(n,n'h)Os-195	TALYS-6a	0 [8]	25
Pt-198(n,4n)Pt-195g	TALYS-6a	0	25
Pt-198(n,4n)Pt-195m	TALYS-6a	0	25
Pt-198(n,2np)Ir-196g	TALYS-6a	0	29
Pt-198(n,2np)Ir-196m	TALYS-6a	0	29
Pt-198(n,3np)Ir-195g	TALYS-6a	0	23
Pt-198(n,3np)Ir-195m	TALYS-6a	0	23
Pt-198(n,n'2p)Os-196	TALYS-6a	0 [8]	23
Pt-198(n,n'pa)Re-193	TALYS-6a	0 [8,7,8]	25
Pt-198(n,g)Pt-199g	LANL-2000	4 [9,2,14,4,6,10]	814
Pt-198(n,g)Pt-199m	LANL-2000	2 [9,2,14,7,4,6,10]	814
Pt-198(n,p)Ir-198	TALYS-6a	0 [2,8]	62
Pt-198(n,d)Ir-197g	TALYS-6a	0	44
Pt-198(n,d)Ir-197m	TALYS-6a	0	43
Pt-198(n,t)Ir-196g	TALYS-6a	0	41
Pt-198(n,t)Ir-196m	TALYS-6a	0	41
Pt-198(n,h)Os-196	TALYS-6a	0 [8]	31
Pt-198(n,a)Os-195	TALYS-6a	0 [9,3]	799
Pt-198(n,2p)Os-197	TALYS-6a	0 [8,7,8]	26
Pt-198(n,pd)Os-196	TALYS-6a	0 [8]	25
Pt-198(n,5n)Pt-194	TALYS-6a	0	19
Pt-198(n,6n)Pt-193g	TALYS-6a	0	14
Pt-198(n,6n)Pt-193m	TALYS-6a	0	13
Pt-198(n,2nt)Ir-194g	TALYS-6a	0 [4,8]	23
Pt-198(n,2nt)Ir-194m	TALYS-6a	0 [4,7,8,8]	22
+Pt-198(n,2nt)Ir-194n	TALYS-6a	0 [4,7,8,8]	22
Pt-198(n,4np)Ir-194g	TALYS-6a	0 [4,8]	16
Pt-198(n,4np)Ir-194m	TALYS-6a	0 [4,7,8,8]	15
+Pt-198(n,4np)Ir-194n	TALYS-6a	0 [4,7,8,8]	15
Pt-198(n,3nd)Ir-194g	TALYS-6a	0 [4,8]	17
Pt-198(n,3nd)Ir-194m	TALYS-6a	0 [4,7,8,8]	16
+Pt-198(n,3nd)Ir-194n	TALYS-6a	0 [4,7,8,8]	16
Pt-198(n,2npa)Re-192	TALYS-6a	0 [8]	20
Pt-198(n,7n)Pt-192	TALYS-6a	0	10
Pt-198(n,8n)Pt-191	TALYS-6a	0	6
Pt-198(n,5np)Ir-193g	TALYS-6a	0	13
Pt-198(n,5np)Ir-193m	TALYS-6a	0	13
Pt-198(n,6np)Ir-192g	TALYS-6a	0 [4]	9
Pt-198(n,6np)Ir-192m	TALYS-6a	0 [4,7,8]	8
Pt-198(n,6np)Ir-192n	TALYS-6a	0 [4,7,8]	8
Pt-198(n,7np)Ir-191g	TALYS-6a	0 [4]	6
Pt-198(n,7np)Ir-191m	TALYS-6a	0 [4,7,8]	5
Pt-198(n,7np)Ir-191n	TALYS-6a	0 [4,7,8]	5
Pt-198(n,4na)Os-191g	TALYS-6a	0	21
Pt-198(n,4na)Os-191m	TALYS-6a	0	20
Pt-198(n,5na)Os-190g	TALYS-6a	0 [4,8]	15
Pt-198(n,5na)Os-190m	TALYS-6a	0 [4,7,8,8]	14
Pt-198(n,6na)Os-189g	TALYS-6a	0	11
Pt-198(n,6na)Os-189m	TALYS-6a	0	11
Pt-198(n,7na)Os-188	TALYS-6a	0 [8]	8
Pt-198(n,4nd)Ir-193g	TALYS-6a	0	14
Pt-198(n,4nd)Ir-193m	TALYS-6a	0	14
Pt-198(n,5nd)Ir-192g	TALYS-6a	0 [4]	10
Pt-198(n,5nd)Ir-192m	TALYS-6a	0 [4,7,8]	9
Pt-198(n,5nd)Ir-192n	TALYS-6a	0 [4,7,8]	9
Pt-198(n,6nd)Ir-191g	TALYS-6a	0 [4]	7
Pt-198(n,6nd)Ir-191m	TALYS-6a	0 [4,7,8]	6
Pt-198(n,6nd)Ir-191n	TALYS-6a	0 [4,7,8]	6
Pt-198(n,3nt)Ir-193g	TALYS-6a	0	17
Pt-198(n,3nt)Ir-193m	TALYS-6a	0	17
Pt-198(n,4nt)Ir-192g	TALYS-6a	0 [4]	13
Pt-198(n,4nt)Ir-192m	TALYS-6a	0 [4,7,8]	12
Pt-198(n,4nt)Ir-192n	TALYS-6a	0 [4,7,8]	12
Pt-198(n,5nt)Ir-191g	TALYS-6a	0 [4]	9
Pt-198(n,5nt)Ir-191m	TALYS-6a	0 [4,7,8]	8
Pt-198(n,5nt)Ir-191n	TALYS-6a	0 [4,7,8]	8
Pt-198(n,6nt)Ir-190g	TALYS-6a	0 [4]	5
Pt-198(n,6nt)Ir-190m	TALYS-6a	0 [4,7,8]	4
Pt-198(n,6nt)Ir-190n	TALYS-6a	0 [4,7,8]	4
Pt-198(n,2nh)Os-194	TALYS-6a	0 [8]	20
Pt-198(n,3nh)Os-193	TALYS-6a	0 [8]	15
Pt-198(n,4nh)Os-192g	TALYS-6a	0 [4,8]	12
Pt-198(n,4nh)Os-192m	TALYS-6a	0 [4,7,8,8]	11
Pt-198(n,3n2p)Os-194	TALYS-6a	0 [8]	14
Pt-198(n,3n2a)W-188	TALYS-6a	0 [8]	16
Pt-198(n,3npa)Re-191	TALYS-6a	0 [8]	15
Pt-198(n,n'pd)Os-195	TALYS-6a	0 [8]	18
Pt-198(n,n'ta)Re-191	TALYS-6a	0 [8]	20
Pt-198(n,2n2p)Os-195	TALYS-6a	0 [8]	17
Pt-198(n,4n2p)Os-193	TALYS-6a	0 [8]	11
Pt-198(n,4n2a)W-187	TALYS-6a	0 [8]	13
Pt-198(n,4npa)Re-190g	TALYS-6a	0	12
Pt-198(n,4npa)Re-190m	TALYS-6a	0	12
Pt-200(n,2nd)Ir-197g	TALYS-6a	0	25
Pt-200(n,2nd)Ir-197m	TALYS-6a	0	25
Pt-200(n,2n)Pt-199g	TALYS-6a	0	49
Pt-200(n,2n)Pt-199m	TALYS-6a	0	47
Pt-200(n,3n)Pt-198	TALYS-6a	0	36
Pt-200(n,n'a)Os-196	TALYS-6a	0 [8]	56
Pt-200(n,2na)Os-195	TALYS-6a	0 [8]	33
Pt-200(n,3na)Os-194	TALYS-6a	0 [8]	28
Pt-200(n,n'p)Ir-199	TALYS-6a	0 [8,7,8]	39
Pt-200(n,n'd)Ir-198	TALYS-6a	0 [8]	30
Pt-200(n,n't)Ir-197g	TALYS-6a	0	30
Pt-200(n,n't)Ir-197m	TALYS-6a	0	30
Pt-200(n,n'h)Os-197	TALYS-6a	0 [8,7,8]	23
Pt-200(n,4n)Pt-197g	TALYS-6a	0	26
Pt-200(n,4n)Pt-197m	TALYS-6a	0	26
Pt-200(n,2np)Ir-198	TALYS-6a	0 [8]	29
Pt-200(n,3np)Ir-197g	TALYS-6a	0	23
Pt-200(n,3np)Ir-197m	TALYS-6a	0	23
Pt-200(n,n'2p)Os-198	TALYS-6a	0 [8,7,8]	21
>Pt-200(n,g)Pt-201	TALYS-6a	0 [2]	100
Pt-200(n,p)Ir-200	TALYS-6a	0 [8,7,8]	57
Pt-200(n,d)Ir-199	TALYS-6a	0 [8,7,8]	42
Pt-200(n,t)Ir-198	TALYS-6a	0 [8]	40
Pt-200(n,h)Os-198	TALYS-6a	0 [8,7,8]	28
Pt-200(n,a)Os-197	TALYS-6a	0 [7]	100
Pt-200(n,2p)Os-199	TALYS-6a	0 [8,7,8]	24
Pt-200(n,pd)Os-198	TALYS-6a	0 [8,7,8]	23
Pt-200(n,5n)Pt-196	TALYS-6a	0	20

Reaction	Library		Refs	Value
Pt-200(n,6n)Pt-195g	TALYS-6a	0		14
Pt-200(n,6n)Pt-195m	TALYS-6a	0		14
Pt-200(n,2nt)Ir-196g	TALYS-6a	0		23
Pt-200(n,2nt)Ir-196m	TALYS-6a	0		23
Pt-200(n,4np)Ir-196g	TALYS-6a	0		16
Pt-200(n,4np)Ir-196m	TALYS-6a	0		16
Pt-200(n,3nd)Ir-196g	TALYS-6a	0		17
Pt-200(n,3nd)Ir-196m	TALYS-6a	0		17
Pt-200(n,2npa)Re-194	TALYS-6a	0	[8,7,8]	17
Pt-200(n,7n)Pt-194	TALYS-6a	0		11
Pt-200(n,8n)Pt-193g	TALYS-6a	0		7
Pt-200(n,8n)Pt-193m	TALYS-6a	0		7
Pt-200(n,5np)Ir-195g	TALYS-6a	0		13
Pt-200(n,5np)Ir-195m	TALYS-6a	0		13
Pt-200(n,6np)Ir-194g	TALYS-6a	0	[4,8]	10
Pt-200(n,6np)Ir-194m	TALYS-6a	0	[4,7,8,8]	8
+Pt-200(n,6np)Ir-194n	TALYS-6a	0	[4,7,8,8]	8
Pt-200(n,7np)Ir-193g	TALYS-6a	0		6
Pt-200(n,7np)Ir-193m	TALYS-6a	0		6
Pt-200(n,4na)Os-193	TALYS-6a	0	[8]	21
Pt-200(n,5na)Os-192g	TALYS-6a	0	[4,8]	16
Pt-200(n,5na)Os-192m	TALYS-6a	0	[4,7,8,8]	15
Pt-200(n,6na)Os-191g	TALYS-6a	0		12
Pt-200(n,6na)Os-191m	TALYS-6a	0		12
Pt-200(n,7na)Os-190g	TALYS-6a	0	[4,8]	8
Pt-200(n,7na)Os-190m	TALYS-6a	0	[4,7,8,8]	7
Pt-200(n,4nd)Ir-195g	TALYS-6a	0		14
Pt-200(n,4nd)Ir-195m	TALYS-6a	0		14
Pt-200(n,5nd)Ir-194g	TALYS-6a	0	[4,8]	10
Pt-200(n,5nd)Ir-194m	TALYS-6a	0	[4,7,8,8]	9
+Pt-200(n,5nd)Ir-194n	TALYS-6a	0	[4,7,8,8]	9
Pt-200(n,6nd)Ir-193g	TALYS-6a	0		7
Pt-200(n,6nd)Ir-193m	TALYS-6a	0		7
Pt-200(n,3nt)Ir-195g	TALYS-6a	0		17
Pt-200(n,3nt)Ir-195m	TALYS-6a	0		17
Pt-200(n,4nt)Ir-194g	TALYS-6a	0	[4,8]	13
Pt-200(n,4nt)Ir-194m	TALYS-6a	0	[4,7,8,8]	12
+Pt-200(n,4nt)Ir-194n	TALYS-6a	0	[4,7,8,8]	12
Pt-200(n,5nt)Ir-193g	TALYS-6a	0		10
Pt-200(n,5nt)Ir-193m	TALYS-6a	0		10
Pt-200(n,6nt)Ir-192g	TALYS-6a	0	[4]	6
Pt-200(n,6nt)Ir-192m	TALYS-6a	0	[4,7,8]	5
Pt-200(n,6nt)Ir-192n	TALYS-6a	0	[4,7,8]	5
Pt-200(n,2nh)Os-196	TALYS-6a	0	[8]	18
Pt-200(n,3nh)Os-195	TALYS-6a	0	[8]	14
Pt-200(n,4nh)Os-194	TALYS-6a	0	[8]	11
Pt-200(n,3n2p)Os-196	TALYS-6a	0	[8]	13
Pt-200(n,3n2a)W-190	TALYS-6a	0	[8,7,8]	13
Pt-200(n,3npa)Re-193	TALYS-6a	0	[8,7,8]	14
Pt-200(n,n'pd)Os-197	TALYS-6a	0	[8,7,8]	15
Pt-200(n,2n2p)Os-197	TALYS-6a	0	[8,7,8]	10
Pt-200(n,4n2p)Os-195	TALYS-6a	0	[8]	12
Pt-200(n,4npa)Re-192	TALYS-6a	0	[8]	24
Pt-202(n,2nd)Ir-199	TALYS-6a	0	[8,7,8]	51
Pt-202(n,2n)Pt-201	TALYS-6a	0		37
Pt-202(n,3n)Pt-200	TALYS-6a	0		46
Pt-202(n,n'a)Os-198	TALYS-6a	0	[8,7,8]	31
Pt-202(n,2na)Os-197	TALYS-6a	0	[8,7,8]	28
Pt-202(n,3na)Os-196	TALYS-6a	0	[8,7,8]	38
Pt-202(n,n'p)Ir-201	TALYS-6a	0	[8,7,8]	30
Pt-202(n,n'd)Ir-200	TALYS-6a	0	[8,7,8]	30
Pt-202(n,n't)Ir-199	TALYS-6a	0	[8,7,8]	23
Pt-202(n,n'h)Os-199	TALYS-6a	0	[8,7,8]	27
Pt-202(n,4n)Pt-199g	TALYS-6a	0		27
Pt-202(n,4n)Pt-199m	TALYS-6a	0		28
Pt-202(n,2np)Ir-200	TALYS-6a	0	[8,7,8]	23
Pt-202(n,3np)Ir-199	TALYS-6a	0	[8,7,8]	20
Pt-202(n,n'2p)Os-200	TALYS-6a	0	[8,7,8]	100
Pt-202(n,g)Pt-203	TALYS-5a	0	[14]	55
Pt-202(n,p)Ir-202	TALYS-6a	0	[8,7,8]	41
Pt-202(n,d)Ir-201	TALYS-6a	0	[8,7,8]	40
Pt-202(n,t)Ir-200	TALYS-6a	0	[8,7,8]	27
Pt-202(n,h)Os-200	TALYS-6a	0	[8,7,8]	100
Pt-202(n,a)Os-199	TALYS-6a	0	[7,4]	23
Pt-202(n,2p)Os-201	TALYS-6a	0	[8,7,8]	21
Pt-202(n,5n)Pt-198	TALYS-6a	0		15
Pt-202(n,6n)Pt-197g	TALYS-6a	0		15
Pt-202(n,6n)Pt-197m	TALYS-6a	0		23
Pt-202(n,2nt)Ir-198	TALYS-6a	0	[8,7,8]	16
Pt-202(n,4np)Ir-198	TALYS-6a	0	[8,7,8]	18
Pt-202(n,3nd)Ir-198	TALYS-6a	0	[8,7,8]	18
Pt-202(n,7n)Pt-196	TALYS-6a	0		18
Pt-202(n,8n)Pt-195g	TALYS-6a	0		13
Pt-202(n,8n)Pt-195m	TALYS-6a	0		13
Pt-202(n,5np)Ir-197g	TALYS-6a	0		10
Pt-202(n,5np)Ir-197m	TALYS-6a	0		8
Pt-202(n,6np)Ir-196g	TALYS-6a	0		8
Pt-202(n,6np)Ir-196m	TALYS-6a	0		7
Pt-202(n,7np)Ir-195g	TALYS-6a	0		7
Pt-202(n,7np)Ir-195m	TALYS-6a	0		7
Pt-202(n,4na)Os-195	TALYS-6a	0	[8,7,8]	19
Pt-202(n,5na)Os-194	TALYS-6a	0	[8,7,8]	16
Pt-202(n,6na)Os-193	TALYS-6a	0	[8,7,8]	12
Pt-202(n,7na)Os-192g	TALYS-6a	0	[4,8,7,8]	9
Pt-202(n,7na)Os-192m	TALYS-6a	0	[4,7,8,8]	8
Pt-202(n,4nd)Ir-197g	TALYS-6a	0		14
Pt-202(n,5nd)Ir-197m	TALYS-6a	0		14
Pt-202(n,5nd)Ir-196g	TALYS-6a	0		11
Pt-202(n,5nd)Ir-196m	TALYS-6a	0		10
Pt-202(n,6nd)Ir-195g	TALYS-6a	0		8
Pt-202(n,6nd)Ir-195m	TALYS-6a	0		8
Pt-202(n,3nt)Ir-197g	TALYS-6a	0		18
Pt-202(n,3nt)Ir-197m	TALYS-6a	0		17
Pt-202(n,4nt)Ir-196g	TALYS-6a	0		13
Pt-202(n,4nt)Ir-196m	TALYS-6a	0		13
Pt-202(n,5nt)Ir-195g	TALYS-6a	0		10
Pt-202(n,5nt)Ir-195m	TALYS-6a	0		10
Pt-202(n,6nt)Ir-194g	TALYS-6a	0	[4,8,7,8]	7
Pt-202(n,6nt)Ir-194m	TALYS-6a	0	[4,7,8,8]	6

Reaction	Library		Refs	Value
+Pt-202(n,6nt)Ir-194n	TALYS-6a	0	[4,7,8,8]	6
Pt-202(n,2nh)Os-198	TALYS-6a	0	[8,7,8]	18
Pt-202(n,3nh)Os-197	TALYS-6a	0	[8,7,8]	14
Pt-202(n,4nh)Os-196	TALYS-6a	0	[8,7,8]	11
Pt-202(n,3n2p)Os-198	TALYS-6a	0	[8,7,8]	13
Pt-202(n,3n2a)W-192	TALYS-6a	0	[8,7,8]	13
Pt-202(n,3npa)Re-195	TALYS-6a	0	[8,7,8]	14
Pt-202(n,2n2p)Os-199	TALYS-6a	0	[8,7,8]	15
Pt-202(n,4n2p)Os-197	TALYS-6a	0	[8,7,8]	10
Au-193(n,n')Au-193m	TALYS-6a	0		88
Au-193(n,2nd)Pt-190	TALYS-6a	0	[8]	27
>Au-193(n,2n)Au-192g	TALYS-6a	0	[4]	44
>Au-193(n,2n)Au-192m	TALYS-6a	0	[4,7,8]	43
+Au-193(n,2n)Au-192n	TALYS-6a	0	[4,7,8]	42
Au-193(n,3n)Au-191g	TALYS-6a	0		31
Au-193(n,3n)Au-191m	TALYS-6a	0		30
Au-193(n,n'a)Ir-189	TALYS-6a	0		100
Au-193(n,2na)Ir-188	TALYS-6a	0	[8]	39
Au-193(n,3na)Ir-187	TALYS-6a	0	[8]	29
Au-193(n,n'p)Pt-192	TALYS-6a	0	[8]	57
Au-193(n,n'2a)Re-185	TALYS-6a	0		100
Au-193(n,2n2a)Re-184g	TALYS-6a	0		30
Au-193(n,2n2a)Re-184m	TALYS-6a	0		30
Au-193(n,n'd)Pt-191	TALYS-6a	0	[8]	35
Au-193(n,n't)Pt-190	TALYS-6a	0	[8]	34
Au-193(n,n'h)Ir-190g	TALYS-6a	0	[4]	28
Au-193(n,n'h)Ir-190m	TALYS-6a	0	[4,7,8]	27
Au-193(n,n'h)Ir-190n	TALYS-6a	0	[4,7,8]	27
Au-193(n,n'd2a)W-183g	TALYS-6	0		19
Au-193(n,n'd2a)W-183m	TALYS-6	0		19
Au-193(n,n't2a)W-182	TALYS-6	0	[8]	19
Au-193(n,4n)Au-190	TALYS-6a	0		22
Au-193(n,2np)Pt-191	TALYS-6a	0	[8]	33
Au-193(n,3np)Pt-190	TALYS-6a	0	[8]	26
Au-193(n,n'2p)Ir-191g	TALYS-6a	0	[4]	30
Au-193(n,n'2p)Ir-191m	TALYS-6a	0	[4,7,8]	29
Au-193(n,n'2p)Ir-191n	TALYS-6a	0	[4,7,8]	29
Au-193(n,n'pa)Os-188	TALYS-6a	0	[8]	39
Au-193(n,g)Au-194g	MASGAM	0	[14,13,4,6]	83
Au-193(n,g)Au-194m	MASGAM	0	[14,13,4,6]	83
Au-193(n,g)Au-194n	MASGAM	0	[14,7,13,4,6]	83
Au-193(n,p)Pt-193g	TALYS-6a	0	[2]	100
Au-193(n,p)Pt-193m	TALYS-6a	0	[2]	100
Au-193(n,d)Pt-192	TALYS-6a	0	[8]	65
Au-193(n,t)Pt-191	TALYS-6a	0	[8]	49
Au-193(n,h)Ir-191g	TALYS-6a	0	[4]	41
Au-193(n,h)Ir-191m	TALYS-6a	0	[4,7,8]	40
Au-193(n,h)Ir-191n	TALYS-6a	0	[4,7,8]	40
Au-193(n,a)Ir-190g	TALYS-6a	0	[4,2]	100
Au-193(n,a)Ir-190m	TALYS-6a	0	[4,7,2]	100
Au-193(n,a)Ir-190n	TALYS-6a	0	[4,7,2]	100
Au-193(n,2p)Ir-192g	TALYS-6a	0	[4]	41
Au-193(n,2p)Ir-192m	TALYS-6a	0	[4,7,8]	39
Au-193(n,2p)Ir-192n	TALYS-6a	0	[4,7,8]	40
Au-193(n,pa)Os-189g	TALYS-6a	0		100
Au-193(n,pa)Os-189m	TALYS-6a	0		100
Au-193(n,pd)Ir-191g	TALYS-6a	0	[4]	31
Au-193(n,pd)Ir-191m	TALYS-6a	0	[4,7,8]	29
Au-193(n,pd)Ir-191n	TALYS-6a	0	[4,7,8]	30
Au-193(n,da)Os-188	TALYS-6a	0		100
Au-193(n,5n)Au-189g	TALYS-6a	0		15
Au-193(n,5n)Au-189m	TALYS-6a	0		15
Au-193(n,6n)Au-188	TALYS-6a	0		11
Au-193(n,2nt)Pt-189	TALYS-6a	0	[8]	24
Au-193(n,ta)Os-187	TALYS-6a	0	[8]	36
Au-193(n,4np)Pt-189	TALYS-6a	0	[8]	17
Au-193(n,3nd)Pt-189	TALYS-6a	0	[8]	18
Au-193(n,n'da)Os-187	TALYS-6a	0	[8]	28
Au-193(n,2npa)Os-187	TALYS-6a	0	[8]	27
Au-193(n,5np)Pt-188	TALYS-6a	0	[8]	13
Au-193(n,6np)Pt-187	TALYS-6a	0		9
Au-193(n,4na)Ir-186g	TALYS-6a	0	[4,8]	20
Au-193(n,4na)Ir-186m	TALYS-6a	0	[4,7,8,8]	19
Au-193(n,5na)Ir-185	TALYS-6a	0	[8]	15
Au-193(n,6na)Ir-184	TALYS-6a	0	[8]	10
Au-193(n,4nd)Pt-188	TALYS-6a	0	[8]	14
Au-193(n,5nd)Pt-187	TALYS-6a	0	[8,7,8]	9
Au-193(n,3nt)Pt-188	TALYS-6a	0	[8]	17
Au-193(n,4nt)Pt-187	TALYS-6a	0	[8,7,8]	12
Au-193(n,5nt)Pt-186	TALYS-6a	0	[8]	8
Au-193(n,2nh)Ir-189	TALYS-6a	0	[8]	22
Au-193(n,3nh)Ir-188	TALYS-6a	0	[8]	15
Au-193(n,4nh)Ir-187	TALYS-6a	0	[8]	12
Au-193(n,3n2p)Ir-189	TALYS-6a	0	[8]	16
Au-193(n,3n2a)Re-183	TALYS-6a	0	[8]	24
Au-193(n,3npa)Os-186	TALYS-6a	0	[8]	21
Au-193(n,n'pd)Ir-190g	TALYS-6a	0	[4]	23
Au-193(n,n'pd)Ir-190m	TALYS-6a	0	[4,7,8]	21
Au-193(n,n'pd)Ir-190n	TALYS-6a	0	[4,7,8]	22
Au-193(n,n'pt)Ir-189	TALYS-6a	0	[8]	22
Au-193(n,n'dt)Ir-188	TALYS-6a	0	[8]	15
Au-193(n,n'ta)Os-186	TALYS-6a	0	[8]	27
Au-193(n,2n2p)Ir-190g	TALYS-6a	0	[4]	21
Au-193(n,2n2p)Ir-190m	TALYS-6a	0	[4,7,8]	20
Au-193(n,2n2p)Ir-190n	TALYS-6a	0	[4,7,8]	20
Au-193(n,4n2p)Ir-188	TALYS-6a	0	[8]	12
Au-193(n,4n2a)Re-182g	TALYS-6a	0	[4,8]	16
Au-193(n,4n2a)Re-182m	TALYS-6a	0	[4,7,8,8]	15
Au-193(n,4npa)Os-185	TALYS-6a	0	[8]	14
Au-193(n,3n2pa)Re-185	TALYS-6a	0	[8]	12
Au-193(n,5n2p)Ir-187	TALYS-6a	0	[8]	8
Au-194(n,n')Au-194m	TALYS-6a	0		89
Au-194(n,n')Au-194n	TALYS-6a	0		86
Au-194(n,2nd)Pt-191	TALYS-6a	0	[8]	26
Au-194(n,2n)Au-193g	TALYS-6a	0		51
Au-194(n,2n)Au-193m	TALYS-6a	0		49
>Au-194(n,3n)Au-192g	TALYS-6a	0	[4]	31
>Au-194(n,3n)Au-192m	TALYS-6a	0	[4,7,8]	30
+Au-194(n,3n)Au-192n	TALYS-6a	0	[4,7,8]	29

Reaction	Library			Value
Au-194(n,n'a)Ir-190g	TALYS-6a	0	[4]	100
Au-194(n,n'a)Ir-190m	TALYS-6a	0	[4,7]	100
Au-194(n,n'a)Ir-190n	TALYS-6a	0	[7,4,7]	100
Au-194(n,2na)Ir-189	TALYS-6a	0	[8]	42
Au-194(n,3na)Ir-188	TALYS-6a	0	[8]	28
Au-194(n,n'p)Pt-193g	TALYS-6a	0		54
Au-194(n,n'p)Pt-193m	TALYS-6a	0		53
Au-194(n,n'2a)Re-186g	TALYS-6a	0		100
Au-194(n,n'2a)Re-186m	TALYS-6a	0		100
Au-194(n,2n2a)Re-185	TALYS-6a	0	[8]	31
Au-194(n,n'd)Pt-192	TALYS-6a	0	[8]	39
Au-194(n,n't)Pt-191	TALYS-6a	0	[8]	33
Au-194(n,n'h)Ir-191g	TALYS-6a	0	[4]	29
Au-194(n,n'h)Ir-191m	TALYS-6a	0	[4,7,8]	28
Au-194(n,n'h)Ir-191n	TALYS-6a	0	[4,7,8]	28
Au-194(n,n'd2a)W-184	TALYS-6	0	[8]	19
Au-194(n,4n)Au-191g	TALYS-6a	0		24
Au-194(n,4n)Au-191m	TALYS-6a	0		23
Au-194(n,2np)Pt-192	TALYS-6a	0	[8]	36
Au-194(n,3np)Pt-191	TALYS-6a	0	[8]	25
Au-194(n,n'2p)Ir-192g	TALYS-6a	0	[4]	29
Au-194(n,n'2p)Ir-192m	TALYS-6a	0	[4,7,8]	28
Au-194(n,n'2p)Ir-192n	TALYS-6a	0	[4,7,8]	28
Au-194(n,n'pa)Os-189g	TALYS-6a	0		36
Au-194(n,n'pa)Os-189m	TALYS-6a	0		36
Au-194(n,g)Au-195g	MASGAM	0	[14,13,4,6]	83
Au-194(n,g)Au-195m	MASGAM	0	[14,13,4,6]	83
Au-194(n,p)Pt-194	TALYS-6a	0	[2]	100
Au-194(n,d)Pt-193g	TALYS-6a	0		61
Au-194(n,d)Pt-193m	TALYS-6a	0		60
Au-194(n,t)Pt-192	TALYS-6a	0	[8]	58
Au-194(n,h)Ir-192g	TALYS-6a	0	[4]	40
Au-194(n,h)Ir-192m	TALYS-6a	0	[4,7,8]	39
Au-194(n,h)Ir-192n	TALYS-6a	0	[4,7,8]	39
Au-194(n,a)Ir-191g	TALYS-6a	0	[4,2]	100
Au-194(n,a)Ir-191m	TALYS-6a	0	[4,7,2]	100
Au-194(n,a)Ir-191n	TALYS-6a	0	[7,4,7,2]	100
Au-194(n,2p)Ir-193g	TALYS-6a	0		42
Au-194(n,2p)Ir-193m	TALYS-6a	0		42
Au-194(n,pa)Os-190g	TALYS-6a	0	[4]	100
Au-194(n,pa)Os-190m	TALYS-6a	0	[7,4,7]	100
Au-194(n,pd)Ir-192g	TALYS-6a	0	[4]	30
Au-194(n,pd)Ir-192m	TALYS-6a	0	[4,7,8]	29
Au-194(n,pd)Ir-192n	TALYS-6a	0	[4,7,8]	29
Au-194(n,da)Os-189g	TALYS-6a	0		38
Au-194(n,da)Os-189m	TALYS-6a	0		38
Au-194(n,5n)Au-190	TALYS-6a	0		16
Au-194(n,6n)Au-189g	TALYS-6a	0		12
Au-194(n,6n)Au-189m	TALYS-6a	0		12
Au-194(n,2nt)Pt-190	TALYS-6a	0	[8]	26
Au-194(n,4np)Pt-190	TALYS-6a	0	[8]	18
Au-194(n,3nd)Pt-190	TALYS-6a	0	[8]	20
Au-194(n,n'da)Os-188	TALYS-6a	0	[8]	29
Au-194(n,2npa)Os-188	TALYS-6a	0	[8]	28
Au-194(n,5np)Pt-189	TALYS-6a	0	[8]	13
Au-194(n,6np)Pt-188	TALYS-6a	0		10
Au-194(n,4na)Ir-187	TALYS-6a	0	[8]	22
Au-194(n,5na)Ir-186g	TALYS-6a	0	[4,8]	15
Au-194(n,5na)Ir-186m	TALYS-6a	0	[4,7,8,8]	14
Au-194(n,6na)Ir-185	TALYS-6a	0	[8]	11
Au-194(n,4nd)Pt-189	TALYS-6a	0	[8]	14
Au-194(n,5nd)Pt-188	TALYS-6a	0	[8]	10
Au-194(n,3nt)Pt-189	TALYS-6a	0	[8]	16
Au-194(n,4nt)Pt-188	TALYS-6a	0	[8]	13
Au-194(n,5nt)Pt-187	TALYS-6a	0	[8,7,8]	8
Au-194(n,2nh)Ir-190g	TALYS-6a	0	[4]	22
Au-194(n,2nh)Ir-190m	TALYS-6a	0	[4,7,8]	21
Au-194(n,2nh)Ir-190n	TALYS-6a	0	[4,7,8]	21
Au-194(n,3nh)Ir-189	TALYS-6a	0	[8]	16
Au-194(n,4nh)Ir-188	TALYS-6a	0	[8]	12
Au-194(n,3n2p)Ir-190g	TALYS-6a	0	[4]	15
Au-194(n,3n2p)Ir-190m	TALYS-6a	0	[4,7,8]	14
Au-194(n,3n2p)Ir-190n	TALYS-6a	0	[4,7,8]	14
Au-194(n,3n2a)Re-184g	TALYS-6a	0		23
Au-194(n,3n2a)Re-184m	TALYS-6a	0		23
Au-194(n,3npa)Os-187	TALYS-6a	0	[8]	20
Au-194(n,n'pd)Ir-191g	TALYS-6a	0	[4]	24
Au-194(n,n'pd)Ir-191m	TALYS-6a	0	[4,7,8]	22
Au-194(n,n'pd)Ir-191n	TALYS-6a	0	[4,7,8]	23
Au-194(n,n'pt)Ir-190g	TALYS-6a	0	[4]	21
Au-194(n,n'pt)Ir-190m	TALYS-6a	0	[4,7,8]	20
Au-194(n,n'pt)Ir-190n	TALYS-6a	0	[4,7,8]	20
Au-194(n,n'dt)Ir-189	TALYS-6a	0	[8]	16
Au-194(n,n'ta)Os-187	TALYS-6a	0	[8]	26
Au-194(n,2n2p)Ir-191g	TALYS-6a	0	[4]	22
Au-194(n,2n2p)Ir-191m	TALYS-6a	0	[4,7,8]	21
Au-194(n,2n2p)Ir-191n	TALYS-6a	0	[4,7,8]	21
Au-194(n,4n2p)Ir-189	TALYS-6a	0	[8]	12
Au-194(n,4n2a)Re-183	TALYS-6a	0	[8]	16
Au-194(n,4npa)Os-186	TALYS-6a	0	[8]	15
Au-194(n,5n2p)Ir-188	TALYS-6a	0	[8]	8
Au-195(n,n')Au-195m	TALYS-6a	0		87
Au-195(n,2nd)Pt-192	TALYS-6a	0	[8]	27
Au-195(n,2n)Au-194g	TALYS-6a	0		45
Au-195(n,2n)Au-194m	TALYS-6a	0		44
Au-195(n,2n)Au-194n	TALYS-6a	0		44
Au-195(n,3n)Au-193g	TALYS-6a	0		31
Au-195(n,3n)Au-193m	TALYS-6a	0		31
Au-195(n,n'a)Ir-191g	TALYS-6a	0	[4]	100
Au-195(n,n'a)Ir-191m	TALYS-6a	0	[4,7]	100
Au-195(n,n'a)Ir-191n	TALYS-6a	0	[4,7,8,10]	86
Au-195(n,2na)Ir-190g	TALYS-6a	0	[4]	38
Au-195(n,2na)Ir-190m	TALYS-6a	0	[4,7,8]	37
Au-195(n,2na)Ir-190n	TALYS-6a	0	[4,7,8]	37
Au-195(n,3na)Ir-189	TALYS-6a	0	[8]	28
Au-195(n,n'p)Pt-194	TALYS-6a	0	[8]	54
Au-195(n,n'2a)Re-187	TALYS-6a	0		100
Au-195(n,2n2a)Re-186g	TALYS-6a	0		27
Au-195(n,2n2a)Re-186m	TALYS-6a	0		28
Au-195(n,n'd)Pt-193g	TALYS-6a	0		34
Au-195(n,n'd)Pt-193m	TALYS-6a	0		34
Au-195(n,n't)Pt-192	TALYS-6a	0	[8]	33
Au-195(n,n'h)Ir-192g	TALYS-6a	0	[4]	27
Au-195(n,n'h)Ir-192m	TALYS-6a	0	[4,7,8]	26
Au-195(n,n'h)Ir-192n	TALYS-6a	0	[4,7,8]	26
Au-195(n,4n)Au-192g	TALYS-6a	0	[4]	22
Au-195(n,4n)Au-192m	TALYS-6a	0	[4,7,8]	21
+Au-195(n,4n)Au-192n	TALYS-6a	0	[4,7,8]	21
Au-195(n,2np)Pt-193g	TALYS-6a	0		32
Au-195(n,2np)Pt-193m	TALYS-6a	0		32
Au-195(n,3np)Pt-192	TALYS-6a	0	[8]	25
Au-195(n,n'2p)Ir-193g	TALYS-6a	0		28
Au-195(n,n'2p)Ir-193m	TALYS-6a	0		28
Au-195(n,n'pa)Os-190g	TALYS-6a	0	[4,8]	34
Au-195(n,n'pa)Os-190m	TALYS-6a	0	[4,7,8,8]	33
Au-195(n,g)Au-196g	MASGAM	0	[14,13,4,6]	83
Au-195(n,g)Au-196m	MASGAM	0	[14,13,4,6]	83
Au-195(n,g)Au-196n	MASGAM	0	[14,7,13,4,6]	83
Au-195(n,p)Pt-195g	TALYS-6a	0	[2]	100
Au-195(n,p)Pt-195m	TALYS-6a	0	[2]	100
Au-195(n,d)Pt-194	TALYS-6a	0	[8]	61
Au-195(n,t)Pt-193g	TALYS-6a	0		47
Au-195(n,t)Pt-193m	TALYS-6a	0		47
Au-195(n,h)Ir-193g	TALYS-6a	0		38
Au-195(n,h)Ir-193m	TALYS-6a	0		38
Au-195(n,a)Ir-192g	TALYS-6a	0	[4,2]	100
Au-195(n,a)Ir-192m	TALYS-6a	0	[4,7,2]	100
Au-195(n,a)Ir-192n	TALYS-6a	0	[4,7,2]	100
>Au-195(n,2p)Ir-194g	TALYS-6a	0	[4,8]	36
>Au-195(n,2p)Ir-194m	TALYS-6a	0	[4,7,8,8]	35
+Au-195(n,2p)Ir-194n	TALYS-6a	0	[4,7,8,8]	35
Au-195(n,pa)Os-191g	TALYS-6a	0		100
Au-195(n,pa)Os-191m	TALYS-6a	0		100
Au-195(n,pd)Ir-193g	TALYS-6a	0		29
Au-195(n,pd)Ir-193m	TALYS-6a	0		29
Au-195(n,5n)Au-191g	TALYS-6a	0		16
Au-195(n,5n)Au-191m	TALYS-6a	0		16
Au-195(n,6n)Au-190	TALYS-6a	0		11
Au-195(n,2nt)Pt-191	TALYS-6a	0	[8]	24
Au-195(n,4np)Pt-191	TALYS-6a	0	[8]	17
Au-195(n,3nd)Pt-191	TALYS-6a	0	[8]	18
Au-195(n,n'da)Os-189g	TALYS-6a	0		26
Au-195(n,n'da)Os-189m	TALYS-6a	0		26
Au-195(n,2npa)Os-189g	TALYS-6a	0		25
Au-195(n,2npa)Os-189m	TALYS-6a	0		25
Au-195(n,7n)Au-189g	TALYS-6a	0		8
Au-195(n,7n)Au-189m	TALYS-6a	0		8
Au-195(n,5np)Pt-190	TALYS-6a	0	[8]	13
Au-195(n,6np)Pt-189	TALYS-6a	0	[8]	9
Au-195(n,4na)Ir-188	TALYS-6a	0	[8]	20
Au-195(n,5na)Ir-187	TALYS-6a	0	[8]	15
Au-195(n,6na)Ir-186g	TALYS-6a	0	[4,8]	10
Au-195(n,6na)Ir-186m	TALYS-6a	0	[4,7,8,8]	9
Au-195(n,7na)Ir-185	TALYS-6a	0	[8]	7
Au-195(n,4nd)Pt-190	TALYS-6a	0	[8]	14
Au-195(n,5nd)Pt-189	TALYS-6a	0	[8]	9
Au-195(n,6nd)Pt-188	TALYS-6a	0	[8]	6
Au-195(n,3nt)Pt-190	TALYS-6a	0	[8]	17
Au-195(n,4nt)Pt-189	TALYS-6a	0	[8]	12
Au-195(n,5nt)Pt-188	TALYS-6a	0	[8]	9
Au-195(n,2nh)Ir-191g	TALYS-6a	0	[4]	21
Au-195(n,2nh)Ir-191m	TALYS-6a	0	[4,7,8]	20
Au-195(n,2nh)Ir-191n	TALYS-6a	0	[4,7,8]	20
Au-195(n,3nh)Ir-190g	TALYS-6a	0	[4]	15
Au-195(n,3nh)Ir-190m	TALYS-6a	0	[4,7,8]	14
Au-195(n,3nh)Ir-190n	TALYS-6a	0	[4,7,8]	14
Au-195(n,4nh)Ir-189	TALYS-6a	0	[8]	12
Au-195(n,3n2p)Ir-191g	TALYS-6a	0	[4]	15
Au-195(n,3n2p)Ir-191m	TALYS-6a	0	[4,7,8]	14
Au-195(n,3n2p)Ir-191n	TALYS-6a	0	[4,7,8]	14
Au-195(n,3n2a)Re-185	TALYS-6a	0	[8]	22
Au-195(n,3npa)Os-188	TALYS-6a	0	[8]	19
Au-195(n,n'pd)Ir-192g	TALYS-6a	0	[4]	21
Au-195(n,n'pd)Ir-192m	TALYS-6a	0	[4,7,8]	20
Au-195(n,n'pd)Ir-192n	TALYS-6a	0	[4,7,8]	20
Au-195(n,n'pt)Ir-191g	TALYS-6a	0	[4]	21
Au-195(n,n'pt)Ir-191m	TALYS-6a	0	[4,7,8]	20
Au-195(n,n'pt)Ir-191n	TALYS-6a	0	[4,7,8]	20
Au-195(n,n'ta)Os-188	TALYS-6a	0	[8]	26
Au-195(n,2n2p)Ir-192g	TALYS-6a	0	[4]	20
Au-195(n,2n2p)Ir-192m	TALYS-6a	0	[4,7,8]	19
Au-195(n,2n2p)Ir-192n	TALYS-6a	0	[4,7,8]	19
Au-195(n,4n2p)Ir-190g	TALYS-6a	0	[4]	11
Au-195(n,4n2p)Ir-190m	TALYS-6a	0	[4,7,8]	10
Au-195(n,4n2p)Ir-190n	TALYS-6a	0	[4,7,8]	10
Au-195(n,4n2a)Re-184g	TALYS-6a	0		15
Au-195(n,4n2a)Re-184m	TALYS-6a	0		15
Au-195(n,4npa)Os-187	TALYS-6a	0	[8]	14
Au-195(n,5n2p)Ir-189	TALYS-6a	0	[8]	8
Au-196(n,n')Au-196m	TALYS-6a	0		90
Au-196(n,n')Au-196n	TALYS-6a	0		90
Au-196(n,2nd)Pt-193g	TALYS-6a	0		26
Au-196(n,2nd)Pt-193m	TALYS-6a	0		26
Au-196(n,2n)Au-195g	TALYS-6a	0		52
Au-196(n,2n)Au-195m	TALYS-6a	0		51
Au-196(n,3n)Au-194g	TALYS-6a	0		31
Au-196(n,3n)Au-194m	TALYS-6a	0		31
Au-196(n,3n)Au-194n	TALYS-6a	0		31
Au-196(n,n'a)Ir-192g	TALYS-6a	0	[4]	100
Au-196(n,n'a)Ir-192m	TALYS-6a	0	[4,7]	100
Au-196(n,n'a)Ir-192n	TALYS-6a	0	[7,4,7]	100
Au-196(n,2na)Ir-191g	TALYS-6a	0	[4]	41
Au-196(n,2na)Ir-191m	TALYS-6a	0	[4,7,8]	40
Au-196(n,2na)Ir-191n	TALYS-6a	0	[4,7,8]	40
Au-196(n,3na)Ir-190g	TALYS-6a	0	[4]	28
Au-196(n,3na)Ir-190m	TALYS-6a	0	[4,7,8]	27
Au-196(n,3na)Ir-190n	TALYS-6a	0	[4,7,8]	27
Au-196(n,n'p)Pt-195g	TALYS-6a	0	[4,8]	51

Reaction	Library		Refs	Value
Au-196(n,n'p)Pt-195m	TALYS-6a	0	[4,7,8,8]	50
Au-196(n,2n2a)Re-187	TALYS-6a	0	[8]	28
Au-196(n,n'd)Pt-194	TALYS-6a	0	[8]	38
Au-196(n,n't)Pt-193g	TALYS-6a	0		33
Au-196(n,n't)Pt-193m	TALYS-6a	0		32
Au-196(n,n'h)Ir-193g	TALYS-6a	0		29
Au-196(n,n'h)Ir-193m	TALYS-6a	0		28
Au-196(n,4n)Au-193g	TALYS-6a	0		24
Au-196(n,4n)Au-193m	TALYS-6a	0		24
Au-196(n,2np)Pt-194	TALYS-6a	0	[8]	35
Au-196(n,3np)Pt-193g	TALYS-6a	0		25
Au-196(n,3np)Pt-193m	TALYS-6a	0		25
>Au-196(n,n'2p)Ir-194g	TALYS-6a	0	[4,8]	27
>Au-196(n,n'2p)Ir-194m	TALYS-6a	0	[4,7,8,8]	26
+Au-196(n,n'2p)Ir-194n	TALYS-6a	0	[4,7,8,8]	26
Au-196(n,n'pa)Os-191g	TALYS-6a	0		32
Au-196(n,n'pa)Os-191m	TALYS-6a	0		32
Au-196(n,g)Au-197g	MASGAM	0	[14,13,4,6]	83
Au-196(n,g)Au-197m	MASGAM	0	[14,7,13,4,6]	83
Au-196(n,p)Pt-196	TALYS-6a	0	[2]	100
Au-196(n,d)Pt-195g	TALYS-6a	0	[4,8]	58
Au-196(n,d)Pt-195m	TALYS-6a	0	[4,7,8,8]	57
Au-196(n,t)Pt-194	TALYS-6a	0	[8]	56
>Au-196(n,h)Ir-194g	TALYS-6a	0	[4,8]	37
>Au-196(n,h)Ir-194m	TALYS-6a	0	[4,7,8,8]	36
+Au-196(n,h)Ir-194n	TALYS-6a	0	[4,7,8,8]	36
Au-196(n,a)Ir-193g	TALYS-6a	0	[2]	100
Au-196(n,a)Ir-193m	TALYS-6a	0	[2]	100
Au-196(n,2a)Re-189	TALYS-6a	0		100
Au-196(n,2p)Ir-195g	TALYS-6a	0		37
Au-196(n,2p)Ir-195m	TALYS-6a	0		37
Au-196(n,pa)Os-192g	TALYS-6a	0	[4]	100
Au-196(n,pa)Os-192m	TALYS-6a	0	[7,4,7]	100
>Au-196(n,pd)Ir-194g	TALYS-6a	0	[4,8]	28
>Au-196(n,pd)Ir-194m	TALYS-6a	0	[4,7,8,8]	27
+Au-196(n,pd)Ir-194n	TALYS-6a	0	[4,7,8,8]	27
Au-196(n,da)Os-191g	TALYS-6a	0		34
Au-196(n,da)Os-191m	TALYS-6a	0		34
Au-196(n,5n)Au-192g	TALYS-6a	0	[4]	16
Au-196(n,5n)Au-192m	TALYS-6a	0	[4,7,8]	15
+Au-196(n,5n)Au-192n	TALYS-6a	0	[4,7,8]	15
Au-196(n,6n)Au-191g	TALYS-6a	0		13
Au-196(n,6n)Au-191m	TALYS-6a	0		12
Au-196(n,2nt)Pt-192	TALYS-6a	0	[8]	26
Au-196(n,4np)Pt-192	TALYS-6a	0	[8]	18
Au-196(n,3nd)Pt-192	TALYS-6a	0	[8]	20
Au-196(n,n'da)Os-190g	TALYS-6a	0	[4,8]	27
Au-196(n,n'da)Os-190m	TALYS-6a	0	[4,7,8,8]	26
Au-196(n,2npa)Os-190g	TALYS-6a	0	[4,8]	26
Au-196(n,2npa)Os-190m	TALYS-6a	0	[4,7,8,8]	25
Au-196(n,7n)Au-190	TALYS-6a	0		8
Au-196(n,5np)Pt-191	TALYS-6a	0	[8]	13
Au-196(n,6np)Pt-190	TALYS-6a	0	[8]	10
Au-196(n,4na)Ir-189	TALYS-6a	0	[8]	21
Au-196(n,5na)Ir-188	TALYS-6a	0	[8]	15
Au-196(n,6na)Ir-187	TALYS-6a	0	[8]	11
Au-196(n,7na)Ir-186g	TALYS-6a	0	[4,8]	7
Au-196(n,7na)Ir-186m	TALYS-6a	0	[4,7,8,8]	6
Au-196(n,4nd)Pt-191	TALYS-6a	0	[8]	14
Au-196(n,5nd)Pt-190	TALYS-6a	0	[8]	10
Au-196(n,6nd)Pt-189	TALYS-6a	0	[8]	6
Au-196(n,3nt)Pt-191	TALYS-6a	0	[8]	17
Au-196(n,4nt)Pt-190	TALYS-6a	0	[8]	13
Au-196(n,5nt)Pt-189	TALYS-6a	0	[8]	9
Au-196(n,6nt)Pt-188	TALYS-6a	0	[8]	5
Au-196(n,2nh)Ir-192g	TALYS-6a	0	[4]	21
Au-196(n,2nh)Ir-192m	TALYS-6a	0	[4,7,8]	20
Au-196(n,2nh)Ir-192n	TALYS-6a	0	[4,7,8]	20
Au-196(n,3nh)Ir-191g	TALYS-6a	0	[4]	16
Au-196(n,3nh)Ir-191m	TALYS-6a	0	[4,7,8]	15
Au-196(n,3nh)Ir-191n	TALYS-6a	0	[4,7,8]	15
Au-196(n,4nh)Ir-190g	TALYS-6a	0	[4]	12
Au-196(n,4nh)Ir-190m	TALYS-6a	0	[4,7,8]	11
Au-196(n,4nh)Ir-190n	TALYS-6a	0	[4,7,8]	11
Au-196(n,3n2p)Ir-192g	TALYS-6a	0	[4]	15
Au-196(n,3n2p)Ir-192m	TALYS-6a	0	[4,7,8]	14
Au-196(n,3n2p)Ir-192n	TALYS-6a	0	[4,7,8]	14
Au-196(n,3n2a)Re-186g	TALYS-6a	0		20
Au-196(n,3n2a)Re-186m	TALYS-6a	0		20
Au-196(n,3npa)Os-189g	TALYS-6a	0		18
Au-196(n,3npa)Os-189m	TALYS-6a	0		18
Au-196(n,n'pd)Ir-193g	TALYS-6a	0		22
Au-196(n,n'pd)Ir-193m	TALYS-6a	0		22
Au-196(n,n'pt)Ir-192g	TALYS-6a	0	[4]	21
Au-196(n,n'pt)Ir-192m	TALYS-6a	0	[4,7,8]	19
Au-196(n,n'pt)Ir-192n	TALYS-6a	0	[4,7,8]	20
Au-196(n,n'dt)Ir-191g	TALYS-6a	0	[4]	15
Au-196(n,n'dt)Ir-191m	TALYS-6a	0	[4,7,8]	14
Au-196(n,n'dt)Ir-191n	TALYS-6a	0	[4,7,8]	14
Au-196(n,n'ta)Os-189g	TALYS-6a	0		25
Au-196(n,n'ta)Os-189m	TALYS-6a	0		25
Au-196(n,2n2p)Ir-193g	TALYS-6a	0		21
Au-196(n,2n2p)Ir-193m	TALYS-6a	0		21
Au-196(n,4n2p)Ir-191g	TALYS-6a	0	[4]	12
Au-196(n,4n2p)Ir-191m	TALYS-6a	0	[4,7,8]	11
Au-196(n,4n2p)Ir-191n	TALYS-6a	0	[4,7,8]	11
Au-196(n,4n2a)Re-185	TALYS-6a	0	[8]	15
Au-196(n,4npa)Os-188	TALYS-6a	0	[8]	14
Au-196n(n,2nd)Pt-193g	TALYS-6	0		27
Au-196n(n,2nd)Pt-193m	TALYS-6	0		27
Au-196n(n,2n)Au-195g	TALYS-6	0		55
Au-196n(n,2n)Au-195m	TALYS-6	0		53
Au-196n(n,3n)Au-194g	TALYS-6	0		33
Au-196n(n,3n)Au-194m	TALYS-6	0		32
Au-196n(n,3n)Au-194n	TALYS-6	0		32
Au-196n(n,n'a)Ir-192g	TALYS-6	0		100
Au-196n(n,n'a)Ir-192m	TALYS-6	0		100
Au-196n(n,n'a)Ir-192n	TALYS-6	0		100
Au-196n(n,2na)Ir-191g	TALYS-6	0	[4]	42
Au-196n(n,2na)Ir-191m	TALYS-6	0	[4,7,8]	41
Au-196n(n,2na)Ir-191n	TALYS-6	0	[4,7,8]	41
Au-196n(n,3na)Ir-190g	TALYS-6	0	[4]	28
Au-196n(n,3na)Ir-190m	TALYS-6	0	[4,7,8]	28
Au-196n(n,3na)Ir-190n	TALYS-6	0	[4,7,8]	27
Au-196n(n,n'p)Pt-195g	TALYS-6	0		52
Au-196n(n,n'p)Pt-195m	TALYS-6	0		52
Au-196n(n,n'2a)Re-188g	TALYS-6	0		100
Au-196n(n,n'2a)Re-188m	TALYS-6	0		100
Au-196n(n,2n2a)Re-187	TALYS-6	0	[8]	29
Au-196n(n,n'd)Pt-194	TALYS-6	0	[8]	39
Au-196n(n,n't)Pt-193g	TALYS-6	0		34
Au-196n(n,n't)Pt-193m	TALYS-6	0		34
Au-196n(n,n'h)Ir-193g	TALYS-6	0		29
Au-196n(n,n'h)Ir-193m	TALYS-6	0		29
Au-196n(n,4n)Au-193g	TALYS-6	0		25
Au-196n(n,4n)Au-193m	TALYS-6	0		25
Au-196n(n,2np)Pt-194	TALYS-6	0	[8]	36
Au-196n(n,3np)Pt-193g	TALYS-6	0		25
Au-196n(n,3np)Pt-193m	TALYS-6	0		25
Au-196n(n,n'2p)Ir-194g	TALYS-6	0	[4,8]	27
Au-196n(n,n'2p)Ir-194m	TALYS-6	0	[4,7,8,8]	26
Au-196n(n,n'2p)Ir-194n	TALYS-6	0	[4,7,8,8]	26
Au-196n(n,n'pa)Os-191g	TALYS-6	0		33
Au-196n(n,n'pa)Os-191m	TALYS-6	0		33
Au-196n(n,g)Au-197g	TALYS-6	0	[14]	100
Au-196n(n,g)Au-197m	TALYS-6	0	[14]	100
Au-196n(n,p)Pt-196	TALYS-6	0	[2]	100
Au-196n(n,d)Pt-195g	TALYS-6	0		58
Au-196n(n,d)Pt-195m	TALYS-6	0		60
Au-196n(n,t)Pt-194	TALYS-6	0	[8]	58
Au-196n(n,h)Ir-194g	TALYS-6	0	[4,8]	33
Au-196n(n,h)Ir-194m	TALYS-6	0	[4,7,8,8]	32
Au-196n(n,h)Ir-194n	TALYS-6	0	[4,7,8,8]	32
Au-196n(n,a)Ir-193g	TALYS-6	0	[2]	100
Au-196n(n,a)Ir-193m	TALYS-6	0	[2]	100
Au-196n(n,2p)Ir-195g	TALYS-6	0		37
Au-196n(n,2p)Ir-195m	TALYS-6	0		38
Au-196n(n,pd)Ir-194g	TALYS-6	0	[4,8]	29
Au-196n(n,pd)Ir-194m	TALYS-6	0	[4,7,8,8]	28
Au-196n(n,pd)Ir-194n	TALYS-6	0	[4,7,8,8]	28
Au-196n(n,5n)Au-192g	TALYS-6	0	[4]	16
Au-196n(n,5n)Au-192m	TALYS-6	0	[4,7,8]	16
Au-196n(n,5n)Au-192n	TALYS-6	0	[4,7,8]	15
Au-196n(n,6n)Au-191g	TALYS-6	0		13
Au-196n(n,6n)Au-191m	TALYS-6	0		13
Au-196n(n,2nt)Pt-192	TALYS-6	0	[8]	26
Au-196n(n,4np)Pt-192	TALYS-6	0	[8]	19
Au-196n(n,3nd)Pt-192	TALYS-6	0	[8]	20
Au-196n(n,n'da)Os-190g	TALYS-6	0		28
Au-196n(n,n'da)Os-190m	TALYS-6	0		26
Au-196n(n,2npa)Os-190g	TALYS-6	0		27
Au-196n(n,2npa)Os-190m	TALYS-6	0		25
Au-196n(n,7n)Au-190	TALYS-6	0		8
Au-196n(n,8n)Au-189g	TALYS-6	0		5
Au-196n(n,8n)Au-189m	TALYS-6	0		5
Au-196n(n,5np)Pt-191	TALYS-6	0	[8]	13
Au-196n(n,6np)Pt-190	TALYS-6	0	[8]	10
Au-196n(n,4na)Ir-189	TALYS-6	0	[8]	22
Au-196n(n,5na)Ir-188	TALYS-6	0	[8]	15
Au-196n(n,6na)Ir-187	TALYS-6	0	[8]	12
Au-196n(n,4nd)Pt-191	TALYS-6	0	[8]	14
Au-196n(n,5nd)Pt-190	TALYS-6	0	[8]	11
Au-196n(n,6nd)Pt-189	TALYS-6	0	[8]	6
Au-196n(n,3nt)Pt-191	TALYS-6	0	[8]	17
Au-196n(n,4nt)Pt-190	TALYS-6	0	[8]	14
Au-196n(n,5nt)Pt-189	TALYS-6	0	[8]	9
Au-196n(n,2nh)Ir-192g	TALYS-6	0		21
Au-196n(n,2nh)Ir-192m	TALYS-6	0		21
Au-196n(n,2nh)Ir-192n	TALYS-6	0		21
Au-196n(n,3nh)Ir-191g	TALYS-6	0	[4]	16
Au-196n(n,3nh)Ir-191m	TALYS-6	0	[4,7,8]	15
Au-196n(n,3nh)Ir-191n	TALYS-6	0	[4,7,8]	15
Au-196n(n,4nh)Ir-190g	TALYS-6	0	[4]	12
Au-196n(n,4nh)Ir-190m	TALYS-6	0	[4,7,8]	12
Au-196n(n,4nh)Ir-190n	TALYS-6	0	[4,7,8]	11
Au-196n(n,3n2p)Ir-192g	TALYS-6	0		15
Au-196n(n,3n2p)Ir-192m	TALYS-6	0		15
Au-196n(n,3n2p)Ir-192n	TALYS-6	0		15
Au-196n(n,3n2a)Re-186g	TALYS-6	0		21
Au-196n(n,3n2a)Re-186m	TALYS-6	0		22
Au-196n(n,3npa)Os-189g	TALYS-6	0		19
Au-196n(n,3npa)Os-189m	TALYS-6	0		19
Au-196n(n,n'pd)Ir-193g	TALYS-6	0		23
Au-196n(n,n'pd)Ir-193m	TALYS-6	0		23
Au-196n(n,n'pt)Ir-192g	TALYS-6	0		21
Au-196n(n,n'pt)Ir-192m	TALYS-6	0		21
Au-196n(n,n'pt)Ir-192n	TALYS-6	0		21
Au-196n(n,n'ta)Os-189g	TALYS-6	0		26
Au-196n(n,n'ta)Os-189m	TALYS-6	0		27
Au-196n(n,2n2p)Ir-193g	TALYS-6	0		21
Au-196n(n,2n2p)Ir-193m	TALYS-6	0		22
Au-196n(n,4n2p)Ir-191g	TALYS-6	0	[4]	12
Au-196n(n,4n2p)Ir-191m	TALYS-6	0	[4,7,8]	11
Au-196n(n,4n2p)Ir-191n	TALYS-6	0	[4,7,8]	11
Au-196n(n,4n2a)Re-185	TALYS-6	0	[8]	16
Au-196n(n,4npa)Os-188	TALYS-6	0		14
Au-197(n,n')Au-197m	LANL(HERMAN)	5	[13]	54
Au-197(n,2nd)Pt-194	TALYS-6a	0	[8]	27
Au-197(n,2n)Au-196g	IRDF-90.2	4	[13,4,3,8,3,8,7]	145
Au-197(n,2n)Au-196m	IRDF-90.2	6	[13,4,7,8,3,8,3,8]	144
Au-197(n,2n)Au-196n	BRC	6	[13,3,12]	98
Au-197(n,3n)Au-195g	TALYS-6a	0		32
Au-197(n,3n)Au-195m	TALYS-5	5		31
Au-197(n,n'a)Ir-193g	TALYS-6a	0		100
Au-197(n,n'a)Ir-193m	TALYS-6a	0		100
Au-197(n,2na)Ir-192g	TALYS-6a	0	[4]	37
Au-197(n,2na)Ir-192m	TALYS-6a	0	[4,7,8]	36
Au-197(n,2na)Ir-192n	TALYS-6a	0	[4,7,8]	36

Au-197(n,3na)Ir-191g	TALYS-6a	0 [4]	28	Au-197(n,4n2a)Re-186m	TALYS-6a	0	14
Au-197(n,3na)Ir-191m	TALYS-6a	0 [4,7,8]	27	Au-197(n,4npa)Os-189g	TALYS-6a	0	13
Au-197(n,3na)Ir-191n	TALYS-6a	0 [4,7,8]	27	Au-197(n,4npa)Os-189m	TALYS-6a	0	13
Au-197(n,n'p)Pt-196	TALYS-6a	0 [8]	50	Au-198(n,n')Au-198m	IEAF-2001	0 [5,7,8]	56
Au-197(n,n'2a)Re-189	TALYS-6a	0	100	Au-198(n,2nd)Pt-195g	TALYS-6a	0	26
Au-197(n,2n2a)Re-188g	TALYS-6a	0	25	Au-198(n,2nd)Pt-195m	TALYS-6a	0	26
Au-197(n,2n2a)Re-188m	TALYS-6a	0	25	Au-198(n,2n)Au-197g	TALYS-6a	0	53
Au-197(n,n'd)Pt-195g	TALYS-6a	0 [4,8]	34	Au-198(n,2n)Au-197m	TALYS-6a	0	51
Au-197(n,n'd)Pt-195m	TALYS-6a	0 [4,7,8,8]	33	Au-198(n,3n)Au-196g	TALYS-6a	0 [4]	32
Au-197(n,n't)Pt-194	TALYS-6a	0 [8]	33	Au-198(n,3n)Au-196m	TALYS-6a	0 [4,7,8]	32
>Au-197(n,n'h)Ir-194g	TALYS-6a	0 [4,8]	26	Au-198(n,3n)Au-196n	TALYS-6a	0 [4,7,8]	30
>Au-197(n,n'h)Ir-194m	TALYS-6a	0 [4,7,8,8]	25	>Au-198(n,n'a)Ir-194g	TALYS-6a	0 [4]	100
+Au-197(n,n'h)Ir-194n	TALYS-6a	0 [4,7,8,8]	25	>Au-198(n,n'a)Ir-194m	TALYS-6a	0 [7,4,7]	100
Au-197(n,4n)Au-194g	TALYS-6a	0	23	+Au-198(n,n'a)Ir-194n	TALYS-6a	0 [7,4,7]	100
Au-197(n,4n)Au-194m	TALYS-6a	0	23	Au-198(n,2na)Ir-193g	TALYS-6a	0	40
Au-197(n,4n)Au-194n	TALYS-6a	0	23	Au-198(n,2na)Ir-193m	TALYS-6a	0	39
Au-197(n,2np)Pt-195g	TALYS-6a	0 [4,8]	31	Au-198(n,3na)Ir-192g	TALYS-6a	0 [4]	27
Au-197(n,2np)Pt-195m	TALYS-6a	0 [4,7,8,8]	30	Au-198(n,3na)Ir-192m	TALYS-6a	0 [4,7,8]	26
Au-197(n,3np)Pt-194	TALYS-6a	0 [8]	25	Au-198(n,3na)Ir-192n	TALYS-6a	0 [4,7,8]	26
Au-197(n,n'2p)Ir-195g	TALYS-6a	0	26	Au-198(n,n'p)Pt-197g	TALYS-6a	0 [4,8]	46
Au-197(n,n'2p)Ir-195m	TALYS-6a	0	26	Au-198(n,n'p)Pt-197m	TALYS-6a	0 [4,7,8,8]	45
Au-197(n,n'pa)Os-192g	TALYS-6a	0 [4,8]	31	Au-198(n,2n2a)Re-189	TALYS-6a	0 [8]	25
Au-197(n,n'pa)Os-192m	TALYS-6a	0 [4,7,8,8]	30	Au-198(n,n'd)Pt-196	TALYS-6a	0 [8]	36
>Au-197(n,g)Au-198g 75409	IRDF-P	4 [14,13,4,6,3,16]		Au-198(n,n't)Pt-195g	TALYS-6a	0	32
>Au-197(n,g)Au-198m 75409	IRDF-P	2 [14,7,13,4,6,3,16]		Au-198(n,n't)Pt-195m	TALYS-6a	0	32
				Au-198(n,n'h)Ir-195g	TALYS-6a	0	27
Au-197(n,p)Pt-197g	TALYS-5a	2 [3]	100	Au-198(n,n'h)Ir-195m	TALYS-6a	0	27
Au-197(n,p)Pt-197m	TALYS-5a	4 [3]	78	Au-198(n,4n)Au-195g	TALYS-6a	0	25
Au-197(n,d)Pt-196	TALYS-6a	0 [8]	57	Au-198(n,4n)Au-195m	TALYS-6a	0	25
Au-197(n,t)Pt-195g	TALYS-6a	0 [4,8]	46	Au-198(n,2np)Pt-196	TALYS-6a	0 [8]	34
Au-197(n,t)Pt-195m	TALYS-6a	0 [4,7,8,8]	45	Au-198(n,3np)Pt-195g	TALYS-6a	0	25
Au-197(n,h)Ir-195g	TALYS-6a	5	36	Au-198(n,3np)Pt-195m	TALYS-6a	0	25
Au-197(n,h)Ir-195m	TALYS-6a	0	36	Au-198(n,n'2p)Ir-196g	TALYS-6a	0	25
Au-197(n,a)Ir-194g 75366	TALYS-5	6 [9,4,3,3]		Au-198(n,n'2p)Ir-196m	TALYS-6a	0	24
Au-197(n,a)Ir-194m 75366	TALYS-5	6 [9,4,7,3,3]		Au-198(n,n'pa)Os-193	TALYS-6a	0 [8]	30
+Au-197(n,a)Ir-194n 75366	TALYS-5	0 [7,9,4,7,3]		>Au-198(n,g)Au-199	MASGAM	2 [14,13,12]	146
				Au-198(n,p)Pt-198	TALYS-6a	0 [2]	100
Au-197(n,2p)Ir-196g	TALYS-6a	0	32	Au-198(n,d)Pt-197g	TALYS-6a	0 [4,8]	53
Au-197(n,2p)Ir-196m	TALYS-6a	0	31	Au-198(n,d)Pt-197m	TALYS-6a	0 [4,7,8,8]	52
Au-197(n,pa)Os-193	TALYS-6a	0	100	Au-198(n,t)Pt-196	TALYS-6a	0 [8]	53
Au-197(n,pd)Ir-195g	TALYS-6a	0	27	Au-198(n,h)Ir-196g	TALYS-6a	0	34
Au-197(n,pd)Ir-195m	TALYS-6a	0	27	Au-198(n,h)Ir-196m	TALYS-6a	0	34
Au-197(n,da)Os-192g	TALYS-6a	0 [4,8]	33	Au-198(n,a)Ir-195g	TALYS-6a	0 [2]	100
Au-197(n,da)Os-192m	TALYS-6a	0 [4,7,8,8]	32	Au-198(n,a)Ir-195m	TALYS-6a	0 [2]	100
Au-197(n,5n)Au-193g	TALYS-6a	0	16	Au-198(n,2a)Re-191	TALYS-6a	0 [10]	100
Au-197(n,5n)Au-193m	TALYS-6a	0	16	Au-198(n,2p)Ir-197g	TALYS-6a	0	33
Au-197(n,6n)Au-192g	TALYS-6a	0 [4]	12	Au-198(n,2p)Ir-197m	TALYS-6a	0	33
Au-197(n,6n)Au-192m	TALYS-6a	0 [4,7,8]	11	Au-198(n,pa)Os-194	TALYS-6a	0 [10]	100
+Au-197(n,6n)Au-192n	TALYS-6a	0 [4,7,8]	11	Au-198(n,pd)Ir-196g	TALYS-6a	0	26
Au-197(n,2nt)Pt-193g	TALYS-6a	0	24	Au-198(n,pd)Ir-196m	TALYS-6a	0	26
Au-197(n,2nt)Pt-193m	TALYS-6a	0	24	Au-198(n,da)Os-193	TALYS-6a	0 [8]	31
Au-197(n,ta)Os-191g	TALYS-6a	0	30	Au-198(n,5n)Au-194g	TALYS-6a	0	17
Au-197(n,ta)Os-191m	TALYS-6a	0	30	Au-198(n,5n)Au-194m	TALYS-6a	0	17
Au-197(n,4np)Pt-193g	TALYS-6a	0	17	Au-198(n,5n)Au-194n	TALYS-6a	0	16
Au-197(n,4np)Pt-193m	TALYS-6a	0	17	Au-198(n,6n)Au-193g	TALYS-6a	0	13
Au-197(n,3nd)Pt-193g	TALYS-6a	0	18	Au-198(n,6n)Au-193m	TALYS-6a	0	13
Au-197(n,3nd)Pt-193m	TALYS-6a	0	18	Au-198(n,2nt)Pt-194	TALYS-6a	0 [8]	26
Au-197(n,n'da)Os-191g	TALYS-6a	0	25	Au-198(n,ta)Os-192g	TALYS-6a	0 [4,8]	31
Au-197(n,n'da)Os-191m	TALYS-6a	0	24	Au-198(n,ta)Os-192m	TALYS-6a	0 [4,7,8,8]	30
Au-197(n,2npa)Os-191g	TALYS-6a	0	23	Au-198(n,4np)Pt-194	TALYS-6a	0 [8]	19
Au-197(n,2npa)Os-191m	TALYS-6a	0	23	Au-198(n,3nd)Pt-194	TALYS-6a	0 [8]	20
Au-197(n,7n)Au-191g	TALYS-6a	0	9	Au-198(n,n'da)Os-192g	TALYS-6a	0 [4,8]	25
Au-197(n,7n)Au-191m	TALYS-6a	0	8	Au-198(n,n'da)Os-192m	TALYS-6a	0 [4,7,8,8]	24
Au-197(n,5np)Pt-192	TALYS-6a	0	14	Au-198(n,2npa)Os-192g	TALYS-6a	0 [4,8]	24
Au-197(n,6np)Pt-191	TALYS-6a	0 [8]	9	Au-198(n,2npa)Os-192m	TALYS-6a	0 [4,7,8,8]	23
Au-197(n,7np)Pt-190	TALYS-6a	0 [8]	6	Au-198(n,7n)Au-192g	TALYS-6a	0 [4]	9
Au-197(n,4na)Ir-190g	TALYS-6a	0 [4]	20	Au-198(n,7n)Au-192m	TALYS-6a	0 [4,7,8]	8
Au-197(n,4na)Ir-190m	TALYS-6a	0 [4,7,8]	19	+Au-198(n,7n)Au-192n	TALYS-6a	0 [4,7,8]	8
Au-197(n,4na)Ir-190n	TALYS-6a	0 [4,7,8]	19	Au-198(n,8n)Au-191g	TALYS-6a	0	5
Au-197(n,5na)Ir-189	TALYS-6a	0 [8]	15	Au-198(n,8n)Au-191m	TALYS-6a	0	5
Au-197(n,6na)Ir-188	TALYS-6a	0 [8]	11	Au-198(n,5np)Pt-193g	TALYS-6a	0	13
Au-197(n,7na)Ir-187	TALYS-6a	0 [8]	7	Au-198(n,5np)Pt-193m	TALYS-6a	0	13
Au-197(n,4nd)Pt-192	TALYS-6a	0 [8]	14	Au-198(n,6np)Pt-192	TALYS-6a	0 [8]	10
Au-197(n,5nd)Pt-191	TALYS-6a	0 [8]	10	Au-198(n,7np)Pt-191	TALYS-6a	0 [8]	6
Au-197(n,6nd)Pt-190	TALYS-6a	0 [8]	7	Au-198(n,4na)Ir-191g	TALYS-6a	0 [4]	21
Au-197(n,3nt)Pt-192	TALYS-6a	0 [8]	17	Au-198(n,4na)Ir-191m	TALYS-6a	0 [4,7,8]	21
Au-197(n,4nt)Pt-191	TALYS-6a	0 [8]	12	Au-198(n,4na)Ir-191n	TALYS-6a	0 [4,7,8]	20
Au-197(n,5nt)Pt-190	TALYS-6a	0 [8]	9	Au-198(n,5na)Ir-190g	TALYS-6a	0 [4]	15
Au-197(n,6nt)Pt-189	TALYS-6a	0 [8]	5	Au-198(n,5na)Ir-190m	TALYS-6a	0 [4,7,8]	14
Au-197(n,2nh)Ir-193g	TALYS-6a	0	21	Au-198(n,5na)Ir-190n	TALYS-6a	0 [4,7,8]	14
Au-197(n,2nh)Ir-193m	TALYS-6a	0	21	Au-198(n,6na)Ir-189	TALYS-6a	0 [8]	11
Au-197(n,3nh)Ir-192g	TALYS-6a	0 [4]	15	Au-198(n,7na)Ir-188	TALYS-6a	0 [8]	7
Au-197(n,3nh)Ir-192m	TALYS-6a	0 [4,7,8]	14	Au-198(n,4nd)Pt-193g	TALYS-6a	0	14
Au-197(n,3nh)Ir-192n	TALYS-6a	0 [4,7,8]	14	Au-198(n,4nd)Pt-193m	TALYS-6a	0	14
Au-197(n,4nh)Ir-191g	TALYS-6a	0 [4]	12	Au-198(n,5nd)Pt-192	TALYS-6a	0 [8]	11
Au-197(n,4nh)Ir-191m	TALYS-6a	0 [4,7,8]	11	Au-198(n,6nd)Pt-191	TALYS-6a	0 [8]	7
Au-197(n,4nh)Ir-191n	TALYS-6a	0 [4,7,8]	11	Au-198(n,3nt)Pt-193g	TALYS-6a	0	17
Au-197(n,3n2p)Ir-193g	TALYS-6a	0	15	Au-198(n,3nt)Pt-193m	TALYS-6a	0	17
Au-197(n,3n2p)Ir-193m	TALYS-6a	0	15	Au-198(n,4nt)Pt-192	TALYS-6a	0 [8]	13
Au-197(n,3n2a)Re-187	TALYS-6a	0 [8]	19	Au-198(n,5nt)Pt-191	TALYS-6a	0 [8]	9
Au-197(n,3npa)Os-190g	TALYS-6a	0 [4,8]	17	Au-198(n,6nt)Pt-190	TALYS-6a	0 [8]	6
Au-197(n,3npa)Os-190m	TALYS-6a	0 [4,7,8,8]	16	Au-198(n,2nh)Ir-194g	TALYS-6a	0 [4,8]	20
>Au-197(n,n'pd)Ir-194g	TALYS-6a	0 [4,8]	20	Au-198(n,2nh)Ir-194m	TALYS-6a	0 [4,7,8,8]	19
>Au-197(n,n'pd)Ir-194m	TALYS-6a	0 [4,7,8,8]	19	+Au-198(n,2nh)Ir-194n	TALYS-6a	0 [4,7,8,8]	19
+Au-197(n,n'pd)Ir-194n	TALYS-6a	0 [4,7,8,8]	19	Au-198(n,3nh)Ir-193g	TALYS-6a	0	15
Au-197(n,n'pt)Ir-193g	TALYS-6a	0	20	Au-198(n,3nh)Ir-193m	TALYS-6a	0	15
Au-197(n,n'pt)Ir-193m	TALYS-6a	0	20	Au-198(n,4nh)Ir-192g	TALYS-6a	0 [4]	11
Au-197(n,n'ta)Os-190g	TALYS-6a	0 [4,8]	24	Au-198(n,4nh)Ir-192m	TALYS-6a	0 [4,7,8]	11
Au-197(n,n'ta)Os-190m	TALYS-6a	0 [4,7,8,8]	23	Au-198(n,4nh)Ir-192n	TALYS-6a	0 [4,7,8]	10
Au-197(n,2n2p)Ir-194g	TALYS-6a	0 [4,8]	19	Au-198(n,3n2p)Ir-194g	TALYS-6a	0 [4,8]	14
Au-197(n,2n2p)Ir-194m	TALYS-6a	0 [4,7,8,8]	18	Au-198(n,3n2p)Ir-194m	TALYS-6a	0 [4,7,8,8]	13
+Au-197(n,2n2p)Ir-194n	TALYS-6a	0 [4,7,8,8]	18	+Au-198(n,3n2p)Ir-194n	TALYS-6a	0 [4,7,8,8]	13
Au-197(n,4n2p)Ir-192g	TALYS-6a	0 [4]	11	Au-198(n,3n2a)Re-188g	TALYS-6a	0	17
Au-197(n,4n2p)Ir-192m	TALYS-6a	0 [4,7,8]	10	Au-198(n,3n2a)Re-188m	TALYS-6a	0	17
Au-197(n,4n2p)Ir-192n	TALYS-6a	0 [4,7,8]	10	Au-198(n,3npa)Os-191g	TALYS-6a	0	16
Au-197(n,4n2a)Re-186g	TALYS-6a	0	14	Au-198(n,3npa)Os-191m	TALYS-6a	0	16
				Au-198(n,n'pd)Ir-195g	TALYS-6a	0	21
				Au-198(n,n'pd)Ir-195m	TALYS-6a	0	21
				>Au-198(n,n'pt)Ir-194g	TALYS-6a	0 [4,8]	19

Reaction	Library			
>Au-198(n,n'pt)Ir-194m	TALYS-6a	0	[4,7,8,8]	18
+Au-198(n,n'pt)Ir-194n	TALYS-6a	0	[4,7,8,8]	18
Au-198(n,n'ta)Os-191g	TALYS-6a	0		23
Au-198(n,n'ta)Os-191m	TALYS-6a	0		23
Au-198(n,2n2p)Ir-195g	TALYS-6a	0		19
Au-198(n,2n2p)Ir-195m	TALYS-6a	0		19
Au-198(n,4n2p)Ir-193g	TALYS-6a	0		11
Au-198(n,4n2p)Ir-193m	TALYS-6a	0		11
Au-198(n,4n2a)Re-187	TALYS-6a	0	[8]	14
Au-198(n,4npa)Os-190g	TALYS-6a	0	[4,8]	13
Au-198(n,4npa)Os-190m	TALYS-6a	0	[4,7,8,8]	12
Au-198m(n,n')Au-198g	TALYS-6	0	[8]	97
Au-198m(n,2n)Au-197g	IEAF-2001	0	[2,5,7,8]	55
Au-198m(n,2n)Au-197m	IEAF-2001	0	[2,5,7,8]	55
Au-198m(n,3n)Au-196g	TALYS-6	0		34
Au-198m(n,3n)Au-196m	TALYS-6	0		34
Au-198m(n,3n)Au-196n	TALYS-6	0		33
>Au-198m(n,n'a)Ir-194g	TALYS-6	0	[4]	100
>Au-198m(n,n'a)Ir-194m	TALYS-6	0	[7,4,7]	100
+Au-198m(n,n'a)Ir-194n	TALYS-6	0	[7,4,7]	100
Au-198m(n,n'p)Pt-197g	TALYS-6	0		49
Au-198m(n,n'p)Pt-197m	TALYS-6	0		48
Au-198m(n,n'd)Pt-196	TALYS-6	0	[8]	38
Au-198m(n,n't)Pt-195g	TALYS-6	0		34
Au-198m(n,n't)Pt-195m	TALYS-6	0		34
Au-198m(n,g)Au-199	MASGAM	0	[14,7,13,4]	83
Au-198m(n,p)Pt-198	TALYS-6	0	[2]	100
Au-198m(n,d)Pt-197g	TALYS-6	0		55
Au-198m(n,d)Pt-197m	TALYS-6	0		56
Au-198m(n,t)Pt-196	TALYS-6	0	[8]	56
Au-198m(n,h)Ir-196g	TALYS-6	0		32
Au-198m(n,h)Ir-196m	TALYS-6	0		32
Au-198m(n,a)Ir-195g	TALYS-6	0		100
Au-198m(n,a)Ir-195m	TALYS-6	0		100
Au-198m(n,2p)Ir-197g	TALYS-6	0		33
Au-198m(n,2p)Ir-197m	TALYS-6	0		34
Au-199(n,2nd)Pt-196	TALYS-6a	0	[8]	26
Au-199(n,2n)Au-198g	TALYS-6a	0	[4]	47
Au-199(n,2n)Au-198m	TALYS-6a	0	[4,7,8]	44
Au-199(n,3n)Au-197g	TALYS-6a	0		33
Au-199(n,3n)Au-197m	TALYS-6a	0		32
Au-199(n,n'a)Ir-195g	TALYS-6a	0		100
Au-199(n,n'a)Ir-195m	TALYS-6a	0		100
>Au-199(n,2na)Ir-194g	TALYS-6a	0	[4,8]	36
>Au-199(n,2na)Ir-194m	TALYS-6a	0	[4,7,8,8]	35
+Au-199(n,2na)Ir-194n	TALYS-6a	0	[4,7,8,8]	35
Au-199(n,3na)Ir-193g	TALYS-6a	0		28
Au-199(n,3na)Ir-193m	TALYS-6a	0		28
Au-199(n,n'p)Pt-198	TALYS-6a	0	[8]	46
Au-199(n,n'2a)Re-191	TALYS-6a	0		100
Au-199(n,n'd)Pt-197g	TALYS-6a	0	[4,8]	33
Au-199(n,n'd)Pt-197m	TALYS-6a	0	[4,7,8,8]	32
Au-199(n,n't)Pt-196	TALYS-6a	0	[8]	33
Au-199(n,n'h)Ir-196g	TALYS-6a	0		25
Au-199(n,n'h)Ir-196m	TALYS-6a	0		25
Au-199(n,4n)Au-196g	TALYS-6a	0	[4]	24
Au-199(n,4n)Au-196m	TALYS-6a	0	[4,7,8]	24
Au-199(n,4n)Au-196n	TALYS-6a	0	[4,7,8]	23
Au-199(n,2np)Pt-197g	TALYS-6a	0	[4,8]	31
Au-199(n,2np)Pt-197m	TALYS-6a	0	[4,7,8,8]	30
Au-199(n,3np)Pt-196	TALYS-6a	0	[8]	25
Au-199(n,n'2p)Ir-197g	TALYS-6a	0		24
Au-199(n,n'2p)Ir-197m	TALYS-6a	0		24
Au-199(n,n'pa)Os-194	TALYS-6a	0	[8]	29
Au-199(n,g)Au-200g	MASGAM	2	[14,13,4,6,12,4]	117
Au-199(n,g)Au-200m	MASGAM	0	[14,7,13,4,6,12,4]	117
Au-199(n,p)Pt-199g	TALYS-6a	0	[2]	75
Au-199(n,p)Pt-199m	TALYS-6a	0	[2]	72
Au-199(n,d)Pt-198	TALYS-6a	0	[8]	54
Au-199(n,t)Pt-197g	TALYS-6a	0	[4,8]	45
Au-199(n,t)Pt-197m	TALYS-6a	0	[4,7,8,8]	44
Au-199(n,h)Ir-197g	TALYS-6a	0		33
Au-199(n,h)Ir-197m	TALYS-6a	0		33
Au-199(n,a)Ir-196g	TALYS-6a	0		100
Au-199(n,a)Ir-196m	TALYS-6a	0		100
Au-199(n,2p)Ir-198	TALYS-6a	0	[8]	28
Au-199(n,pd)Ir-197g	TALYS-6a	0		25
Au-199(n,pd)Ir-197m	TALYS-6a	0		25
Au-199(n,da)Os-194	TALYS-6a	0	[8]	30
Au-199(n,5n)Au-195g	TALYS-6a	0		18
Au-199(n,5n)Au-195m	TALYS-6a	0		17
Au-199(n,6n)Au-194g	TALYS-6a	0		13
Au-199(n,6n)Au-194m	TALYS-6a	0		13
Au-199(n,6n)Au-194n	TALYS-6a	0		13
Au-199(n,2nt)Pt-195g	TALYS-6a	0		24
Au-199(n,2nt)Pt-195m	TALYS-6a	0		24
Au-199(n,ta)Os-193	TALYS-6a	0	[8]	29
Au-199(n,4np)Pt-195g	TALYS-6a	0		17
Au-199(n,4np)Pt-195m	TALYS-6a	0		17
Au-199(n,3nd)Pt-195g	TALYS-6a	0		18
Au-199(n,3nd)Pt-195m	TALYS-6a	0		18
Au-199(n,n'da)Os-193	TALYS-6a	0	[8]	23
Au-199(n,2npa)Os-193	TALYS-6a	0	[8]	22
Au-199(n,7n)Au-193g	TALYS-6a	0		9
Au-199(n,7n)Au-193m	TALYS-6a	0		9
Au-199(n,8n)Au-192g	TALYS-6a	0	[4]	5
Au-199(n,8n)Au-192m	TALYS-6a	0	[4,7,8]	4
+Au-199(n,8n)Au-192n	TALYS-6a	0	[4,7,8]	4
Au-199(n,5np)Pt-194	TALYS-6a	0		14
Au-199(n,6np)Pt-193g	TALYS-6a	0		9
Au-199(n,6np)Pt-193m	TALYS-6a	0		9
Au-199(n,7np)Pt-192	TALYS-6a	0	[8]	6
Au-199(n,4na)Ir-192g	TALYS-6a	0	[4]	20
Au-199(n,4na)Ir-192m	TALYS-6a	0	[4,7,8]	19
Au-199(n,4na)Ir-192n	TALYS-6a	0	[4,7,8]	19
Au-199(n,5na)Ir-191g	TALYS-6a	0	[4]	15
Au-199(n,5na)Ir-191m	TALYS-6a	0	[4,7,8]	15
Au-199(n,5na)Ir-191n	TALYS-6a	0	[4,7,8]	14
Au-199(n,6na)Ir-190g	TALYS-6a	0	[4]	11
Au-199(n,6na)Ir-190m	TALYS-6a	0	[4,7,8]	10
Au-199(n,6na)Ir-190n	TALYS-6a	0	[4,7,8]	10
Au-199(n,7na)Ir-189	TALYS-6a	0	[8]	7
Au-199(n,4nd)Pt-194	TALYS-6a	0	[8]	14
Au-199(n,5nd)Pt-193g	TALYS-6a	0		10
Au-199(n,5nd)Pt-193m	TALYS-6a	0		10
Au-199(n,6nd)Pt-192	TALYS-6a	0	[8]	7
Au-199(n,3nt)Pt-194	TALYS-6a	0	[8]	18
Au-199(n,4nt)Pt-193g	TALYS-6a	0		13
Au-199(n,4nt)Pt-193m	TALYS-6a	0		13
Au-199(n,5nt)Pt-192	TALYS-6a	0	[8]	10
Au-199(n,6nt)Pt-191	TALYS-6a	0	[8]	5
Au-199(n,2nh)Ir-195g	TALYS-6a	0		20
Au-199(n,2nh)Ir-195m	TALYS-6a	0		20
Au-199(n,3nh)Ir-194g	TALYS-6a	0	[4,8]	15
Au-199(n,3nh)Ir-194m	TALYS-6a	0	[4,7,8,8]	14
+Au-199(n,3nh)Ir-194n	TALYS-6a	0	[4,7,8,8]	14
Au-199(n,4nh)Ir-193g	TALYS-6a	0		12
Au-199(n,4nh)Ir-193m	TALYS-6a	0		12
Au-199(n,3n2p)Ir-195g	TALYS-6a	0		14
Au-199(n,3n2p)Ir-195m	TALYS-6a	0		14
Au-199(n,3n2a)Re-189	TALYS-6a	0	[8]	16
Au-199(n,3npa)Os-192g	TALYS-6a	0	[4,8]	16
Au-199(n,3npa)Os-192m	TALYS-6a	0	[4,7,8,8]	15
Au-199(n,n'pd)Ir-196g	TALYS-6a	0		19
Au-199(n,n'pd)Ir-196m	TALYS-6a	0		18
Au-199(n,n'ta)Os-192g	TALYS-6a	0	[4,8]	23
Au-199(n,n'ta)Os-192m	TALYS-6a	0	[4,7,8,8]	22
Au-199(n,2n2p)Ir-196g	TALYS-6a	0		17
Au-199(n,2n2p)Ir-196m	TALYS-6a	0		17
Au-199(n,4n2p)Ir-194g	TALYS-6a	0	[4,8]	11
Au-199(n,4n2p)Ir-194m	TALYS-6a	0	[4,7,8,8]	10
+Au-199(n,4n2p)Ir-194n	TALYS-6a	0	[4,7,8,8]	10
Au-199(n,4n2a)Re-188g	TALYS-6a	0		13
Au-199(n,4n2a)Re-188m	TALYS-6a	0		13
Au-199(n,4npa)Os-191g	TALYS-6a	0		12
Au-199(n,4npa)Os-191m	TALYS-6a	0		12
Au-200m(n,n')Au-200g	TALYS-6a	0	[8]	97
Au-200m(n,2nd)Pt-197g	TALYS-6a	0		27
Au-200m(n,2nd)Pt-197m	TALYS-6a	0		27
Au-200m(n,2n)Au-199	TALYS-6a	0		59
Au-200m(n,3n)Au-198g	TALYS-6a	0	[4,7,8]	36
Au-200m(n,3n)Au-198m	TALYS-6a	0	[4,7,8]	33
Au-200m(n,n'a)Ir-196g	TALYS-6a	0		100
Au-200m(n,n'a)Ir-196m	TALYS-6a	0	[7]	100
Au-200m(n,2na)Ir-195g	TALYS-6a	0		40
Au-200m(n,2na)Ir-195m	TALYS-6a	0		40
>Au-200m(n,3na)Ir-194g	TALYS-6a	0	[4,8,7,8]	28
>Au-200m(n,3na)Ir-194m	TALYS-6a	0	[4,7,8,8]	27
+Au-200m(n,3na)Ir-194n	TALYS-6a	0	[4,7,8,8]	27
Au-200m(n,n'p)Pt-199g	TALYS-6a	0	[4,8,7,8]	46
Au-200m(n,n'p)Pt-199m	TALYS-6a	0	[4,7,8,8]	45
Au-200m(n,2n2a)Re-191	TALYS-6a	0	[8,7,8]	23
Au-200m(n,n'd)Pt-198	TALYS-6a	0	[8,7,8]	37
Au-200m(n,n't)Pt-197g	TALYS-6a	0		34
Au-200m(n,n't)Pt-197m	TALYS-6a	0		33
Au-200m(n,n'h)Ir-197g	TALYS-6a	0		27
Au-200m(n,n'h)Ir-197m	TALYS-6a	0		27
Au-200m(n,4n)Au-197g	TALYS-6a	0		27
Au-200m(n,4n)Au-197m	TALYS-6a	0		27
Au-200m(n,2np)Pt-198	TALYS-6a	0	[8,7,8]	34
Au-200m(n,3np)Pt-197g	TALYS-6a	0		25
Au-200m(n,3np)Pt-197m	TALYS-6a	0		25
Au-200m(n,n'2p)Ir-198	TALYS-6a	0	[8,7,8]	24
Au-200m(n,g)Au-201	MASGAM	0	[14,7,13]	83
Au-200m(n,p)Pt-200	TALYS-6a	0	[2]	100
Au-200m(n,d)Pt-199g	TALYS-6a	0	[4,8,7,8]	52
Au-200m(n,d)Pt-199m	TALYS-6a	0	[4,7,8,8]	51
Au-200m(n,t)Pt-198	TALYS-6a	0	[8,7,8]	53
Au-200m(n,h)Ir-198	TALYS-6a	0	[8,7,8]	31
Au-200m(n,a)Ir-197g	TALYS-6a	0	[2]	100
Au-200m(n,a)Ir-197m	TALYS-6a	0	[2]	100
Au-200m(n,2p)Ir-199	TALYS-6a	0	[8,7,8]	30
Au-200m(n,pa)Os-196	TALYS-6a	0	[7]	100
Au-200m(n,pd)Ir-198	TALYS-6a	0	[8,7,8]	26
Au-200m(n,5n)Au-196g	TALYS-6a	0	[4,7,8]	19
Au-200m(n,5n)Au-196m	TALYS-6a	0	[4,7,8]	19
Au-200m(n,5n)Au-196n	TALYS-6a	0	[4,7,8]	17
Au-200m(n,6n)Au-195g	TALYS-6a	0		14
Au-200m(n,6n)Au-195m	TALYS-6a	0		14
Au-200m(n,2nt)Pt-196	TALYS-6a	0	[8,7,8]	27
Au-200m(n,ta)Os-194	TALYS-6a	0	[8,7,8]	30
Au-200m(n,4np)Pt-196	TALYS-6a	0	[8,7,8]	19
Au-200m(n,3nd)Pt-196	TALYS-6a	0	[8,7,8]	21
Au-200m(n,n'da)Os-194	TALYS-6a	0	[8,7,8]	24
Au-200m(n,2npa)Os-194	TALYS-6a	0	[8,7,8]	23
Au-200m(n,7n)Au-194g	TALYS-6a	0		10
Au-200m(n,7n)Au-194m	TALYS-6a	0		10
Au-200m(n,7n)Au-194n	TALYS-6a	0		10
Au-200m(n,8n)Au-193g	TALYS-6a	0		7
Au-200m(n,8n)Au-193m	TALYS-6a	0		7
Au-200m(n,5np)Pt-195g	TALYS-6a	0		14
Au-200m(n,5np)Pt-195m	TALYS-6a	0		14
Au-200m(n,6np)Pt-194	TALYS-6a	0	[8,7,8]	11
Au-200m(n,7np)Pt-193g	TALYS-6a	0		7
Au-200m(n,7np)Pt-193m	TALYS-6a	0		7
Au-200m(n,4na)Ir-193g	TALYS-6a	0		22
Au-200m(n,4na)Ir-193m	TALYS-6a	0		22
Au-200m(n,5na)Ir-192g	TALYS-6a	0	[4,7,8]	15
Au-200m(n,5na)Ir-192m	TALYS-6a	0	[4,7,8]	15
Au-200m(n,5na)Ir-192n	TALYS-6a	0	[4,7,8]	14
Au-200m(n,6na)Ir-191g	TALYS-6a	0	[4,7,8]	12
Au-200m(n,6na)Ir-191m	TALYS-6a	0	[4,7,8]	12
Au-200m(n,6na)Ir-191n	TALYS-6a	0	[4,7,8]	11
Au-200m(n,4nd)Pt-195g	TALYS-6a	0		15
Au-200m(n,5nd)Pt-194	TALYS-6a	0	[8,7,8]	12
Au-200m(n,6nd)Pt-193g	TALYS-6a	0		7
Au-200m(n,6nd)Pt-193m	TALYS-6a	0		7

Au-200m(n,3nt)Pt-195g	TALYS-6a	0		18	Hg-193(n,n'ta)Ir-186m	TALYS-6a	0 [4,7,8,8]	25
Au-200m(n,3nt)Pt-195m	TALYS-6a	0		18	Hg-193(n,2n2p)Pt-190	TALYS-6a	0 [8]	25
Au-200m(n,4nt)Pt-194	TALYS-6a	0 [8,7,8]		14	Hg-193(n,4n2p)Pt-188	TALYS-6a	0 [8]	13
Au-200m(n,5nt)Pt-193g	TALYS-6a	0		10	Hg-193(n,4n2a)Os-182	TALYS-6a	0 [8]	17
Au-200m(n,5nt)Pt-193m	TALYS-6a	0		10	Hg-193(n,4npa)Ir-185	TALYS-6a	0 [8]	15
Au-200m(n,6nt)Pt-192	TALYS-6a	0 [8,7,8]		7	Hg-193(n,3n2pa)Os-184	TALYS-6a	0 [8]	13
Au-200m(n,2nh)Ir-196g	TALYS-6a	0		20	Hg-193(n,5n2p)Pt-187	TALYS-6a	0 [8,7,8]	8
Au-200m(n,2nh)Ir-196m	TALYS-6a	0		20	Hg-193m(n,n')Hg-193g	TALYS-6a	0 [8]	98
Au-200m(n,3nh)Ir-195g	TALYS-6a	0		15	Hg-193m(n,2nd)Au-190	TALYS-6a	0 [8]	25
Au-200m(n,3nh)Ir-195m	TALYS-6a	0		15	Hg-193m(n,2n)Hg-192	TALYS-6a	0	51
Au-200m(n,4nh)Ir-194g	TALYS-6a	0 [4,8,7,8]		12	Hg-193m(n,3n)Hg-191g	TALYS-6a	0 [4]	30
Au-200m(n,4nh)Ir-194m	TALYS-6a	0 [4,7,8,8]		11	Hg-193m(n,3n)Hg-191m	TALYS-6a	0 [4,7,8]	29
+Au-200m(n,4nh)Ir-194n	TALYS-6a	0 [4,7,8,8]		11	Hg-193m(n,n'a)Pt-189	TALYS-6a	0	100
Au-200m(n,3n2p)Ir-196g	TALYS-6a	0		14	Hg-193m(n,n'3a)W-181	TALYS-6a	0	100
Au-200m(n,3n2p)Ir-196m	TALYS-6a	0		14	Hg-193m(n,2na)Pt-188	TALYS-6a	0 [8]	43
Au-200m(n,3n2a)Re-190g	TALYS-6a	0		17	Hg-193m(n,3na)Pt-187	TALYS-6a	0 [8,7,8]	28
Au-200m(n,3n2a)Re-190m	TALYS-6a	0		16	>Hg-193m(n,n'p)Au-192g	TALYS-6a	0 [4,8]	52
Au-200m(n,3npa)Os-193	TALYS-6a	0 [8,7,8]		16	>Hg-193m(n,n'p)Au-192m	TALYS-6a	0 [4,7,8,8]	51
Au-200m(n,n'pd)Ir-197g	TALYS-6a	0		20	+Hg-193m(n,n'p)Au-192n	TALYS-6a	0 [4,7,8,8]	51
Au-200m(n,n'pd)Ir-197m	TALYS-6a	0		20	Hg-193m(n,n'2a)Os-185	TALYS-6a	0	100
Au-200m(n,n'ta)Os-193	TALYS-6a	0 [8,7,8]		23	Hg-193m(n,2n2a)Os-184	TALYS-6a	0	100
Au-200m(n,2n2p)Ir-197g	TALYS-6a	0		19	Hg-193m(n,n'd)Au-191g	TALYS-6a	0	36
Au-200m(n,2n2p)Ir-197m	TALYS-6a	0		19	Hg-193m(n,n'd)Au-191m	TALYS-6a	0	36
Au-200m(n,4n2p)Ir-195g	TALYS-6a	0		11	Hg-193m(n,n't)Au-190	TALYS-6a	0 [8]	31
Au-200m(n,4n2p)Ir-195m	TALYS-6a	0		11	Hg-193m(n,n'h)Pt-190	TALYS-6a	0 [8]	31
Au-200m(n,4n2a)Re-189	TALYS-6a	0 [8,7,8]		14	Hg-193m(n,n'd2a)Re-183	TALYS-6a	0 [8]	22
Au-200m(n,4npa)Os-192g	TALYS-6a	0 [4,8,7,8]		13	Hg-193m(n,n't2a)Re-182g	TALYS-6a	0 [4,8]	18
Au-200m(n,4npa)Os-192m	TALYS-6a	0 [4,7,8,8]		12	Hg-193m(n,n't2a)Re-182m	TALYS-6a	0 [4,7,8,8]	17
Hg-193(n,n')Hg-193m	TALYS-6a	0		89	Hg-193m(n,4n)Hg-190	TALYS-6a	0	23
Hg-193(n,2nd)Au-190	TALYS-6a	0 [8]		25	Hg-193m(n,2np)Au-191g	TALYS-6a	0	34
Hg-193(n,2n)Hg-192	TALYS-6a	0		50	Hg-193m(n,2np)Au-191m	TALYS-6a	0	33
Hg-193(n,3n)Hg-191g	TALYS-6a	0 [4]		30	Hg-193m(n,3np)Au-190	TALYS-6a	0 [8]	23
Hg-193(n,3n)Hg-191m	TALYS-6a	0 [4,7,8]		29	Hg-193m(n,n'2p)Pt-191	TALYS-6a	0 [8]	32
Hg-193(n,n'a)Pt-189	TALYS-6a	0		100	Hg-193m(n,n'pa)Ir-188	TALYS-6a	0 [8]	39
Hg-193(n,n'3a)W-181	TALYS-6a	0		100	Hg-193m(n,g)Hg-194	MASGAM	0 [14,13]	83
Hg-193(n,2na)Pt-188	TALYS-6a	0 [8]		43	Hg-193m(n,p)Au-193g	TALYS-6a	0 [2]	100
Hg-193(n,3na)Pt-187	TALYS-6a	0 [8,7,8]		28	Hg-193m(n,p)Au-193m	TALYS-6a	0 [2]	100
>Hg-193(n,n'p)Au-192g	TALYS-6a	0 [4,8]		51	>Hg-193m(n,d)Au-192g	TALYS-6a	0 [4,8]	58
>Hg-193(n,n'p)Au-192m	TALYS-6a	0 [4,7,8,8]		50	>Hg-193m(n,d)Au-192m	TALYS-6a	0 [4,7,8,8]	57
+Hg-193(n,n'p)Au-192n	TALYS-6a	0 [4,7,8,8]		50	+Hg-193m(n,d)Au-192n	TALYS-6a	0 [4,7,8,8]	57
Hg-193(n,n'2a)Os-185	TALYS-6a	0		100	Hg-193m(n,t)Au-191g	TALYS-6a	0	52
Hg-193(n,2n2a)Os-184	TALYS-6a	0		100	Hg-193m(n,t)Au-191m	TALYS-6a	0	51
Hg-193(n,n'd)Au-191g	TALYS-6a	0		36	Hg-193m(n,h)Pt-191	TALYS-6a	0 [8]	44
Hg-193(n,n'd)Au-191m	TALYS-6a	0		36	Hg-193m(n,a)Pt-190	TALYS-6a	0 [2]	100
Hg-193(n,n't)Au-190	TALYS-6a	0 [8]		31	Hg-193m(n,2a)Os-186	TALYS-6a	0 [10]	100
Hg-193(n,n'h)Pt-190	TALYS-6a	0 [8]		31	Hg-193m(n,2p)Pt-192	TALYS-6a	0 [8]	57
Hg-193(n,n'd2a)Re-183	TALYS-6a	0 [8]		21	Hg-193m(n,pa)Ir-189	TALYS-6a	0	100
Hg-193(n,n't2a)Re-182g	TALYS-6a	0 [4,8]		18	Hg-193m(n,pd)Pt-191	TALYS-6a	0 [8]	34
Hg-193(n,n't2a)Re-182m	TALYS-6a	0 [4,7,8,8]		17	Hg-193m(n,pt)Pt-190	TALYS-6a	0 [8]	32
Hg-193(n,4n)Hg-190	TALYS-6a	0 [8]		22	Hg-193m(n,da)Ir-188	TALYS-6a	0 [8]	39
Hg-193(n,2np)Au-191g	TALYS-6a	0		34	Hg-193m(n,5n)Hg-189g	TALYS-6a	0 [4]	15
Hg-193(n,2np)Au-191m	TALYS-6a	0		33	Hg-193m(n,5n)Hg-189m	TALYS-6a	0 [4,7,8]	14
Hg-193(n,3np)Au-190	TALYS-6a	0 [8]		23	Hg-193m(n,6n)Hg-188	TALYS-6a	0	11
Hg-193(n,n'2p)Pt-191	TALYS-6a	0 [8]		32	Hg-193m(n,2nt)Au-189g	TALYS-6a	0	23
Hg-193(n,n'pa)Ir-188	TALYS-6a	0 [8]		38	Hg-193m(n,2nt)Au-189m	TALYS-6a	0	23
Hg-193(n,g)Hg-194	MASGAM	0 [14,13]		83	Hg-193m(n,ta)Ir-187	TALYS-6a	0 [8]	38
Hg-193(n,p)Au-193g	TALYS-6a	0 [2]		100	Hg-193m(n,4np)Au-189g	TALYS-6a	0	16
Hg-193(n,p)Au-193m	TALYS-6a	0 [2]		100	Hg-193m(n,4np)Au-189m	TALYS-6a	0	16
>Hg-193(n,d)Au-192g	TALYS-6a	0 [4,8]		58	Hg-193m(n,3nd)Au-189g	TALYS-6a	0	18
>Hg-193(n,d)Au-192m	TALYS-6a	0 [4,7,8,8]		57	Hg-193m(n,3nd)Au-189m	TALYS-6a	0	17
+Hg-193(n,d)Au-192n	TALYS-6a	0 [4,7,8,8]		57	Hg-193m(n,n'da)Ir-187	TALYS-6a	0 [8]	29
Hg-193(n,t)Au-191g	TALYS-6a	0		52	Hg-193m(n,2npa)Ir-187	TALYS-6a	0 [8]	29
Hg-193(n,t)Au-191m	TALYS-6a	0		51	Hg-193m(n,5np)Au-188	TALYS-6a	0	12
Hg-193(n,h)Pt-191	TALYS-6a	0 [8]		44	Hg-193m(n,4na)Pt-186	TALYS-6a	0 [8]	21
Hg-193(n,a)Pt-190	TALYS-6a	0 [2]		100	Hg-193m(n,5na)Pt-185g	TALYS-6a	0	14
Hg-193(n,2a)Os-186	TALYS-6a	0 [10]		100	Hg-193m(n,5na)Pt-185m	TALYS-6a	0	14
Hg-193(n,2p)Pt-192	TALYS-6a	0 [8]		57	Hg-193m(n,6na)Pt-184	TALYS-6a	0 [8]	10
Hg-193(n,pa)Ir-189	TALYS-6a	0		100	Hg-193m(n,4nd)Au-188	TALYS-6a	0 [8]	12
Hg-193(n,pd)Pt-191	TALYS-6a	0 [8]		34	Hg-193m(n,3nt)Au-188	TALYS-6a	0 [8]	15
Hg-193(n,pt)Pt-190	TALYS-6a	0 [8]		32	Hg-193m(n,4nt)Au-187g	TALYS-6a	0	11
Hg-193(n,da)Ir-188	TALYS-6a	0 [8]		39	Hg-193m(n,4nt)Au-187m	TALYS-6a	0	11
Hg-193(n,5n)Hg-189g	TALYS-6a	0 [4]		15	Hg-193m(n,2nh)Pt-189	TALYS-6a	0 [8]	23
Hg-193(n,5n)Hg-189m	TALYS-6a	0 [4,7,8]		14	Hg-193m(n,3nh)Pt-188	TALYS-6a	0 [8]	16
Hg-193(n,6n)Hg-188	TALYS-6a	0		11	Hg-193m(n,4nh)Pt-187	TALYS-6a	0 [8,7,8]	12
Hg-193(n,2nt)Au-189g	TALYS-6a	0		23	Hg-193m(n,3n2p)Pt-189	TALYS-6a	0 [8]	16
Hg-193(n,2nt)Au-189m	TALYS-6a	0		23	Hg-193m(n,3n2a)Os-183g	TALYS-6a	0	25
Hg-193(n,ta)Ir-187	TALYS-6a	0 [8]		38	Hg-193m(n,3n2a)Os-183m	TALYS-6a	0	24
Hg-193(n,4np)Au-189g	TALYS-6a	0		16	Hg-193m(n,3npa)Ir-186g	TALYS-6a	0 [4,8]	20
Hg-193(n,4np)Au-189m	TALYS-6a	0		16	Hg-193m(n,3npa)Ir-186m	TALYS-6a	0 [4,7,8,8]	19
Hg-193(n,3nd)Au-189g	TALYS-6a	0		17	Hg-193m(n,n'pd)Pt-190	TALYS-6a	0 [8]	26
Hg-193(n,3nd)Au-189m	TALYS-6a	0		17	Hg-193m(n,n'pt)Pt-189	TALYS-6a	0 [8]	23
Hg-193(n,n'da)Ir-187	TALYS-6a	0 [8]		29	Hg-193m(n,n'dt)Pt-188	TALYS-6a	0 [8]	16
Hg-193(n,2npa)Ir-187	TALYS-6a	0 [8]		28	Hg-193m(n,n'ph)Ir-189	TALYS-6a	0 [8]	19
Hg-193(n,5np)Au-188	TALYS-6a	0		12	Hg-193m(n,n'ta)Ir-186g	TALYS-6a	0 [4,8]	26
Hg-193(n,6np)Au-187g	TALYS-6a	0		8	Hg-193m(n,n'ta)Ir-186m	TALYS-6a	0 [4,7,8,8]	25
Hg-193(n,6np)Au-187m	TALYS-6a	0		8	Hg-193m(n,2n2p)Pt-190	TALYS-6a	0 [8]	25
Hg-193(n,4na)Pt-186	TALYS-6a	0 [8]		21	Hg-193m(n,4n2p)Pt-188	TALYS-6a	0 [8]	13
Hg-193(n,5na)Pt-185g	TALYS-6a	0		14	Hg-193m(n,4n2a)Os-182	TALYS-6a	0 [8]	18
Hg-193(n,5na)Pt-185m	TALYS-6a	0		14	Hg-193m(n,4npa)Ir-185	TALYS-6a	0 [8]	15
Hg-193(n,6na)Pt-184	TALYS-6a	0 [8]		10	Hg-193m(n,3n2pa)Os-185	TALYS-6a	0 [8]	13
Hg-193(n,4nd)Au-188	TALYS-6a	0 [8]		12	Hg-194(n,2nd)Au-191g	TALYS-6a	0	25
Hg-193(n,5nd)Au-187g	TALYS-6a	0		8	Hg-194(n,2nd)Au-191m	TALYS-6a	0	24
Hg-193(n,5nd)Au-187m	TALYS-6a	0		8	Hg-194(n,2n)Hg-193g	TALYS-6a	0	43
Hg-193(n,3nt)Au-188	TALYS-6a	0 [8]		15	Hg-194(n,2n)Hg-193m	TALYS-6a	0	43
Hg-193(n,4nt)Au-187g	TALYS-6a	0		11	Hg-194(n,3n)Hg-192	TALYS-6a	0	30
Hg-193(n,4nt)Au-187m	TALYS-6a	0		11	Hg-194(n,n'a)Pt-190	TALYS-6a	0	100
Hg-193(n,2nh)Pt-189	TALYS-6a	0 [8]		23	Hg-194(n,n'3a)W-182	TALYS-6a	0	100
Hg-193(n,3nh)Pt-188	TALYS-6a	0 [8]		16	Hg-194(n,2na)Pt-189	TALYS-6a	0 [8]	38
Hg-193(n,4nh)Pt-187	TALYS-6a	0 [8,7,8]		12	Hg-194(n,3na)Pt-188	TALYS-6a	0 [8]	28
Hg-193(n,3n2p)Pt-189	TALYS-6a	0 [8]		16	Hg-194(n,n'p)Au-193g	TALYS-6a	0	48
Hg-193(n,3n2a)Os-183g	TALYS-6a	0		25	Hg-194(n,n'p)Au-193m	TALYS-6a	0	47
Hg-193(n,3n2a)Os-183m	TALYS-6a	0		24	Hg-194(n,n'2a)Os-186	TALYS-6a	0	100
Hg-193(n,3npa)Ir-186g	TALYS-6a	0 [4,8]		19	Hg-194(n,2n2a)Os-185	TALYS-6a	0 [8]	30
Hg-193(n,3npa)Ir-186m	TALYS-6a	0 [4,7,8,8]		18	>Hg-194(n,n'd)Au-192g	TALYS-6a	0 [4,8]	31
Hg-193(n,n'pd)Pt-190	TALYS-6a	0 [8]		26	>Hg-194(n,n'd)Au-192m	TALYS-6a	0 [4,7,8,8]	30
Hg-193(n,n'pt)Pt-189	TALYS-6a	0 [8]		23	+Hg-194(n,n'd)Au-192n	TALYS-6a	0 [4,7,8,8]	30
Hg-193(n,n'dt)Pt-188	TALYS-6a	0 [8]		16	Hg-194(n,n't)Au-191g	TALYS-6a	0	30
Hg-193(n,n'ph)Ir-189	TALYS-6a	0 [8]		19	Hg-194(n,n't)Au-191m	TALYS-6a	0	30
Hg-193(n,n'ta)Ir-186g	TALYS-6a	0 [4,8]		26	Hg-194(n,n'h)Pt-191	TALYS-6a	0 [8]	29

Reaction	Library		Ref	Val	Reaction	Library		Ref	Val
Hg-194(n,n'd2a)Re-184g	TALYS-6a	0		16	Hg-195(n,d)Au-194g	TALYS-6a	0	[4]	56
Hg-194(n,n'd2a)Re-184m	TALYS-6a	0		16	Hg-195(n,d)Au-194m	TALYS-6a	0	[4,7,8]	54
Hg-194(n,n't2a)Re-183	TALYS-6a	0	[8]	16	Hg-195(n,d)Au-194n	TALYS-6a	0	[4,7,8]	55
Hg-194(n,4n)Hg-191g	TALYS-6a	0	[4]	21	Hg-195(n,t)Au-193g	TALYS-6a	0		50
Hg-194(n,4n)Hg-191m	TALYS-6a	0	[4,7,8]	19	Hg-195(n,t)Au-193m	TALYS-6a	0		48
>Hg-194(n,2np)Au-192g	TALYS-6a	0	[4,8]	30	Hg-195(n,h)Pt-193g	TALYS-6a	0		41
>Hg-194(n,2np)Au-192m	TALYS-6a	0	[4,7,8,8]	29	Hg-195(n,h)Pt-193m	TALYS-6a	0		41
+Hg-194(n,2np)Au-192n	TALYS-6a	0	[4,7,8,8]	29	Hg-195(n,a)Pt-192	TALYS-6a	0	[2]	100
Hg-194(n,3np)Au-191g	TALYS-6a	0		23	Hg-195(n,2a)Os-188	TALYS-6a	0	[10]	100
Hg-194(n,3np)Au-191m	TALYS-6a	0		23	Hg-195(n,2p)Pt-194	TALYS-6a	0	[8]	48
Hg-194(n,n'2p)Pt-192	TALYS-6a	0	[8]	31	Hg-195(n,pa)Ir-191g	TALYS-6a	0	[4]	100
Hg-194(n,n'pa)Ir-189	TALYS-6a	0	[8]	36	Hg-195(n,pa)Ir-191m	TALYS-6a	0	[4,7]	100
Hg-194(n,g)Hg-195g	MASGAM	0	[14,13,4,6]	83	Hg-195(n,pa)Ir-191n	TALYS-6a	0	[7,4,7]	100
Hg-194(n,g)Hg-195m	MASGAM	0	[14,13,4,6]	83	Hg-195(n,pd)Pt-193g	TALYS-6a	0		31
Hg-194(n,p)Au-194g	TALYS-6a	0	[2]	100	Hg-195(n,pd)Pt-193m	TALYS-6a	0		31
Hg-194(n,p)Au-194m	TALYS-6a	0	[2]	100	Hg-195(n,pt)Pt-192	TALYS-6a	0	[8]	31
Hg-194(n,p)Au-194n	TALYS-6a	0	[2]	100	Hg-195(n,5n)Hg-191g	TALYS-6a	0	[4]	15
Hg-194(n,d)Au-193g	TALYS-6a	0		56	Hg-195(n,5n)Hg-191m	TALYS-6a	0	[4,7,8]	14
Hg-194(n,d)Au-193m	TALYS-6a	0		54	Hg-195(n,6n)Hg-190	TALYS-6a	0		11
>Hg-194(n,t)Au-192g	TALYS-6a	0	[4,8]	43	Hg-195(n,2nt)Au-191g	TALYS-6a	0		23
>Hg-194(n,t)Au-192m	TALYS-6a	0	[4,7,8,8]	42	Hg-195(n,2nt)Au-191m	TALYS-6a	0		23
+Hg-194(n,t)Au-192n	TALYS-6a	0	[4,7,8,8]	42	Hg-195(n,ta)Ir-189	TALYS-6a	0	[8]	34
Hg-194(n,h)Pt-192	TALYS-6a	0	[8]	44	Hg-195(n,4np)Au-191g	TALYS-6a	0		16
Hg-194(n,a)Pt-191	TALYS-6a	0	[2]	100	Hg-195(n,4np)Au-191m	TALYS-6a	0		16
Hg-194(n,2p)Pt-193g	TALYS-6a	0		43	Hg-195(n,3nd)Au-191g	TALYS-6a	0		18
Hg-194(n,2p)Pt-193m	TALYS-6a	0		43	Hg-195(n,3nd)Au-191m	TALYS-6a	0		17
Hg-194(n,pa)Ir-190g	TALYS-6a	0	[4]	100	Hg-195(n,n'da)Ir-189	TALYS-6a	0	[8]	27
Hg-194(n,pa)Ir-190m	TALYS-6a	0	[4,7]	100	Hg-195(n,2npa)Ir-189	TALYS-6a	0	[8]	26
Hg-194(n,pa)Ir-190n	TALYS-6a	0	[7,4,7]	100	Hg-195(n,5np)Au-190	TALYS-6a	0	[8]	12
Hg-194(n,pd)Pt-192	TALYS-6a	0	[8]	32	Hg-195(n,6np)Au-189g	TALYS-6a	0		8
Hg-194(n,pt)Pt-191	TALYS-6a	0	[8]	29	Hg-195(n,6np)Au-189m	TALYS-6a	0		8
Hg-194(n,da)Ir-189	TALYS-6a	0	[8]	37	Hg-195(n,4na)Pt-188	TALYS-6a	0	[8]	21
Hg-194(n,5n)Hg-190	TALYS-6a	0		15	Hg-195(n,5na)Pt-187	TALYS-6a	0	[8,7,8]	14
Hg-194(n,6n)Hg-189g	TALYS-6a	0	[4]	10	Hg-195(n,6na)Pt-186	TALYS-6a	0	[8]	10
Hg-194(n,6n)Hg-189m	TALYS-6a	0	[4,7,8]	9	Hg-195(n,4nd)Au-190	TALYS-6a	0	[8]	12
Hg-194(n,2nt)Au-190	TALYS-6a	0	[8]	21	Hg-195(n,5nd)Au-189g	TALYS-6a	0		9
Hg-194(n,ta)Ir-188	TALYS-6a	0	[8]	31	Hg-195(n,5nd)Au-189m	TALYS-6a	0		9
Hg-194(n,4np)Au-190	TALYS-6a	0	[8]	15	Hg-195(n,3nt)Au-190	TALYS-6a	0	[8]	15
Hg-194(n,3nd)Au-190	TALYS-6a	0	[8]	16	Hg-195(n,4nt)Au-189g	TALYS-6a	0		11
Hg-194(n,n'da)Ir-188	TALYS-6a	0	[8]	26	Hg-195(n,4nt)Au-189m	TALYS-6a	0		11
Hg-194(n,2npa)Ir-188	TALYS-6a	0	[8]	25	Hg-195(n,2nh)Pt-191	TALYS-6a	0	[8]	22
Hg-194(n,5np)Au-189g	TALYS-6a	0		12	Hg-195(n,3nh)Pt-190	TALYS-6a	0	[8]	16
Hg-194(n,5np)Au-189m	TALYS-6a	0		11	Hg-195(n,4nh)Pt-189	TALYS-6a	0	[8]	12
Hg-194(n,4na)Pt-187	TALYS-6a	0	[8,7,8]	19	Hg-195(n,3n2p)Pt-191	TALYS-6a	0	[8]	16
Hg-194(n,5na)Pt-186	TALYS-6a	0	[8]	14	Hg-195(n,3n2a)Os-185	TALYS-6a	0	[8]	22
Hg-194(n,6na)Pt-185g	TALYS-6a	0		9	Hg-195(n,3npa)Ir-188	TALYS-6a	0	[8]	18
Hg-194(n,6na)Pt-185m	TALYS-6a	0		9	Hg-195(n,n'pd)Pt-192	TALYS-6a	0	[8]	25
Hg-194(n,4nd)Au-189g	TALYS-6a	0		12	Hg-195(n,n'pt)Pt-191	TALYS-6a	0	[8]	22
Hg-194(n,4nd)Au-189m	TALYS-6a	0		12	Hg-195(n,n'dt)Pt-190	TALYS-6a	0	[8]	16
Hg-194(n,5nd)Au-188	TALYS-6a	0	[8]	7	Hg-195(n,n'ta)Ir-188	TALYS-6a	0	[8]	24
Hg-194(n,3nt)Au-189g	TALYS-6a	0		15	Hg-195(n,2n2p)Pt-192	TALYS-6a	0	[8]	24
Hg-194(n,3nt)Au-189m	TALYS-6a	0		15	Hg-195(n,4n2p)Pt-190	TALYS-6a	0	[8]	12
Hg-194(n,4nt)Au-188	TALYS-6a	0	[8]	10	Hg-195(n,4n2a)Os-184	TALYS-6a	0	[8]	16
Hg-194(n,2nh)Pt-190	TALYS-6a	0	[8]	22	Hg-195(n,4npa)Ir-187	TALYS-6a	0	[8]	14
Hg-194(n,3nh)Pt-189	TALYS-6a	0	[8]	15	Hg-195(n,5n2p)Pt-189	TALYS-6a	0	[8]	8
Hg-194(n,4nh)Pt-188	TALYS-6a	0	[8]	12	Hg-195m(n,n')Hg-195g	TALYS-6a	0	[8]	97
Hg-194(n,3n2p)Pt-190	TALYS-6a	0	[8]	16	>Hg-195m(n,2nd)Au-192g	TALYS-6a	0	[4,8]	25
Hg-194(n,3n2a)Os-184	TALYS-6a	0	[8]	23	>Hg-195m(n,2nd)Au-192m	TALYS-6a	0	[4,7,8,8]	24
Hg-194(n,3npa)Ir-187	TALYS-6a	0	[8]	18	+Hg-195m(n,2nd)Au-192n	TALYS-6a	0	[4,7,8,8]	24
Hg-194(n,n'pd)Pt-191	TALYS-6a	0	[8]	23	Hg-195m(n,2n)Hg-194	TALYS-6a	0		52
Hg-194(n,n'pt)Pt-190	TALYS-6a	0	[8]	22	Hg-195m(n,3n)Hg-193g	TALYS-6a	0		30
Hg-194(n,n'dt)Pt-189	TALYS-6a	0	[8]	15	Hg-195m(n,3n)Hg-193m	TALYS-6a	0		30
Hg-194(n,n'ta)Ir-187	TALYS-6a	0	[8]	25	Hg-195m(n,n'a)Pt-191	TALYS-6a	0		100
Hg-194(n,2n2p)Pt-191	TALYS-6a	0	[8]	22	Hg-195m(n,n'3a)W-183g	TALYS-6	0		100
Hg-194(n,4n2p)Pt-189	TALYS-6a	0	[8]	11	Hg-195m(n,n'3a)W-183m	TALYS-6	0		100
Hg-194(n,4n2a)Os-183g	TALYS-6a	0		15	Hg-195m(n,2na)Pt-190	TALYS-6a	0	[8]	42
Hg-194(n,4n2a)Os-183m	TALYS-6a	0		15	Hg-195m(n,3na)Pt-189	TALYS-6a	0	[8]	28
Hg-194(n,4npa)Ir-186g	TALYS-6a	0	[4,8]	13	Hg-195m(n,n'p)Au-194g	TALYS-6a	0	[4]	49
Hg-194(n,4npa)Ir-186m	TALYS-6a	0	[4,7,8,8]	12	Hg-195m(n,n'p)Au-194m	TALYS-6a	0	[4,7,8]	48
Hg-194(n,3n2pa)Os-186	TALYS-6a	0	[8]	13	Hg-195m(n,n'p)Au-194n	TALYS-6a	0	[4,7,8]	48
Hg-194(n,5n2p)Pt-188	TALYS-6a	0	[8]	8	Hg-195m(n,n'2a)Os-187	TALYS-6a	0		100
Hg-195(n,n')Hg-195m	TALYS-6a	0		89	Hg-195m(n,2n2a)Os-186	TALYS-6a	0	[8]	33
>Hg-195(n,2nd)Au-192g	TALYS-6a	0	[4,8]	25	Hg-195m(n,n'd)Au-193g	TALYS-6a	0		36
>Hg-195(n,2nd)Au-192m	TALYS-6a	0	[4,7,8,8]	24	Hg-195m(n,n'd)Au-193m	TALYS-6a	0		35
+Hg-195(n,2nd)Au-192n	TALYS-6a	0	[4,7,8,8]	24	>Hg-195m(n,n't)Au-192g	TALYS-6a	0	[4,8]	31
Hg-195(n,2n)Hg-194	TALYS-6a	0		51	>Hg-195m(n,n't)Au-192m	TALYS-6a	0	[4,7,8,8]	30
Hg-195(n,3n)Hg-193g	TALYS-6a	0		30	+Hg-195m(n,n't)Au-192n	TALYS-6a	0	[4,7,8,8]	30
Hg-195(n,3n)Hg-193m	TALYS-6a	0		30	Hg-195m(n,n'h)Pt-192	TALYS-6a	0	[8]	30
Hg-195(n,n'a)Pt-191	TALYS-6a	0		100	Hg-195m(n,n'd2a)Re-185	TALYS-6a	0	[8]	18
Hg-195(n,2na)Pt-190	TALYS-6a	0	[8]	42	Hg-195m(n,n't2a)Re-184g	TALYS-6	0		17
Hg-195(n,3na)Pt-189	TALYS-6a	0	[8]	28	Hg-195m(n,n't2a)Re-184m	TALYS-6	0		17
Hg-195(n,n'p)Au-194g	TALYS-6a	0	[4]	48	Hg-195m(n,4n)Hg-192	TALYS-6a	0		23
Hg-195(n,n'p)Au-194m	TALYS-6a	0	[4,7,8]	47	Hg-195m(n,2np)Au-193g	TALYS-6a	0		33
Hg-195(n,n'p)Au-194n	TALYS-6a	0	[4,7,8]	47	Hg-195m(n,2np)Au-193m	TALYS-6a	0		33
Hg-195(n,n'2a)Os-187	TALYS-6a	0		100	Hg-195m(n,3np)Au-192g	TALYS-6a	0	[4,8]	23
Hg-195(n,2n2a)Os-186	TALYS-6a	0	[8]	31	Hg-195m(n,3np)Au-192m	TALYS-6a	0	[4,7,8,8]	22
Hg-195(n,n'd)Au-193g	TALYS-6a	0		35	+Hg-195m(n,3np)Au-192n	TALYS-6a	0	[4,7,8,8]	22
Hg-195(n,n'd)Au-193m	TALYS-6a	0		35	Hg-195m(n,n'2p)Pt-193g	TALYS-6a	0		30
>Hg-195(n,n't)Au-192g	TALYS-6a	0	[4,8]	30	Hg-195m(n,n'2p)Pt-193m	TALYS-6a	0		30
>Hg-195(n,n't)Au-192m	TALYS-6a	0	[4,7,8,8]	29	Hg-195m(n,n'pa)Ir-190g	TALYS-6a	0	[4]	35
+Hg-195(n,n't)Au-192n	TALYS-6a	0	[4,7,8,8]	29	Hg-195m(n,n'pa)Ir-190m	TALYS-6a	0	[4,7,8]	33
Hg-195(n,n'h)Pt-192	TALYS-6a	0	[8]	30	Hg-195m(n,n'pa)Ir-190n	TALYS-6a	0	[4,7,8]	34
Hg-195(n,n'd2a)Re-185	TALYS-6a	0	[8]	16	Hg-195m(n,g)Hg-196	MASGAM	0	[14,13]	83
Hg-195(n,n't2a)Re-184g	TALYS-6	0		16	Hg-195m(n,p)Au-195g	TALYS-6a	0	[2,4]	100
Hg-195(n,n't2a)Re-184m	TALYS-6	0		16	Hg-195m(n,p)Au-195m	TALYS-6a	0	[2]	100
Hg-195(n,4n)Hg-192	TALYS-6a	0		23	Hg-195m(n,d)Au-194g	TALYS-6a	0	[4]	56
Hg-195(n,2np)Au-193g	TALYS-6a	0		33	Hg-195m(n,d)Au-194m	TALYS-6a	0	[4,7,8]	55
Hg-195(n,2np)Au-193m	TALYS-6a	0		32	Hg-195m(n,d)Au-194n	TALYS-6a	0	[4,7,8]	55
Hg-195(n,3np)Au-192g	TALYS-6a	0	[4,8]	23	Hg-195m(n,t)Au-193g	TALYS-6a	0		50
Hg-195(n,3np)Au-192m	TALYS-6a	0	[4,7,8,8]	22	Hg-195m(n,t)Au-193m	TALYS-6a	0		49
+Hg-195(n,3np)Au-192n	TALYS-6a	0	[4,7,8,8]	22	Hg-195m(n,h)Pt-193g	TALYS-6a	0		40
Hg-195(n,n'2p)Pt-193g	TALYS-6a	0		30	Hg-195m(n,h)Pt-193m	TALYS-6a	0		41
Hg-195(n,n'2p)Pt-193m	TALYS-6a	0		30	Hg-195m(n,a)Pt-192	TALYS-6a	0	[2]	100
Hg-195(n,n'pa)Ir-190g	TALYS-6a	0	[4]	34	Hg-195m(n,2a)Os-188	TALYS-6a	0	[10]	100
Hg-195(n,n'pa)Ir-190m	TALYS-6a	0	[4,7,8]	33	Hg-195m(n,2p)Pt-194	TALYS-6a	0	[8]	48
Hg-195(n,n'pa)Ir-190n	TALYS-6a	0	[4,7,8]	33	Hg-195m(n,pa)Ir-191g	TALYS-6a	0	[4]	100
Hg-195(n,g)Hg-196	MASGAM	0	[14,13]	83	Hg-195m(n,pa)Ir-191m	TALYS-6a	0	[4,7]	100
Hg-195(n,p)Au-195g	TALYS-6a	0	[2]	100	Hg-195m(n,pa)Ir-191n	TALYS-6a	0	[7,4,7]	100
Hg-195(n,p)Au-195m	TALYS-6a	0	[2]	100	Hg-195m(n,pd)Pt-193g	TALYS-6a	0		31

Reaction	Code	Flag	Refs	Value
Hg-195m(n,pd)Pt-193m	TALYS-6a	0		31
Hg-195m(n,pt)Pt-192	TALYS-6a	0	[8]	31
Hg-195m(n,5n)Hg-191g	TALYS-6a	0	[4]	15
Hg-195m(n,5n)Hg-191m	TALYS-6a	0	[4,7,8]	14
Hg-195m(n,6n)Hg-190	TALYS-6a	0		11
Hg-195m(n,2nt)Au-191g	TALYS-6a	0		23
Hg-195m(n,2nt)Au-191m	TALYS-6a	0		23
Hg-195m(n,ta)Ir-189	TALYS-6a	0	[8]	35
Hg-195m(n,4np)Au-191g	TALYS-6a	0		16
Hg-195m(n,4np)Au-191m	TALYS-6a	0		16
Hg-195m(n,3nd)Au-191g	TALYS-6a	0		18
Hg-195m(n,3nd)Au-191m	TALYS-6a	0		18
Hg-195m(n,n'da)Ir-189	TALYS-6a	0	[8]	28
Hg-195m(n,2npa)Ir-189	TALYS-6a	0	[8]	27
Hg-195m(n,5np)Au-190	TALYS-6a	0	[8]	12
Hg-195m(n,6np)Au-189g	TALYS-6a	0		8
Hg-195m(n,6np)Au-189m	TALYS-6a	0		8
Hg-195m(n,4na)Pt-188	TALYS-6a	0	[8]	21
Hg-195m(n,5na)Pt-187	TALYS-6a	0	[8,7,8]	14
Hg-195m(n,6na)Pt-186	TALYS-6a	0	[8]	11
Hg-195m(n,4nd)Au-190	TALYS-6a	0	[8]	13
Hg-195m(n,5nd)Au-189g	TALYS-6a	0		9
Hg-195m(n,5nd)Au-189m	TALYS-6a	0		9
Hg-195m(n,3nt)Au-190	TALYS-6a	0	[8]	15
Hg-195m(n,4nt)Au-189g	TALYS-6a	0		11
Hg-195m(n,4nt)Au-189m	TALYS-6a	0		11
Hg-195m(n,2nh)Pt-191	TALYS-6a	0	[8]	22
Hg-195m(n,3nh)Pt-190	TALYS-6a	0	[8]	16
Hg-195m(n,4nh)Pt-189	TALYS-6a	0	[8]	12
Hg-195m(n,3n2p)Pt-191	TALYS-6a	0	[8]	16
Hg-195m(n,3n2a)Os-185	TALYS-6a	0	[8]	23
Hg-195m(n,3npa)Ir-188	TALYS-6a	0	[8]	18
Hg-195m(n,n'pd)Pt-192	TALYS-6a	0	[8]	25
Hg-195m(n,n'pt)Pt-191	TALYS-6a	0	[8]	22
Hg-195m(n,n'dt)Pt-190	TALYS-6a	0	[8]	16
Hg-195m(n,n'ta)Ir-188	TALYS-6a	0	[8]	25
Hg-195m(n,2n2p)Pt-192	TALYS-6a	0	[8]	24
Hg-195m(n,4n2p)Pt-190	TALYS-6a	0	[8]	12
Hg-195m(n,4n2a)Os-184	TALYS-6a	0	[8]	17
Hg-195m(n,4npa)Ir-187	TALYS-6a	0	[8]	14
Hg-195m(n,5n2p)Pt-189	TALYS-6a	0	[8]	8
Hg-196(n,2nd)Au-193g	TALYS-6a	0		25
Hg-196(n,2nd)Au-193m	TALYS-6a	0		24
Hg-196(n,2n)Hg-195g	ADL-3	2	[13]	44
Hg-196(n,2n)Hg-195m	ADL-3	2	[13]	44
Hg-196(n,3n)Hg-194	TALYS-6a	0		31
Hg-196(n,n'a)Pt-192	TALYS-6a	0		100
Hg-196(n,2na)Pt-191	TALYS-6a	0	[8]	37
Hg-196(n,3na)Pt-190	TALYS-6a	0	[8]	28
Hg-196(n,n'p)Au-195g	TALYS-6a	0		46
Hg-196(n,n'p)Au-195m	TALYS-6a	0		45
Hg-196(n,n'2a)Os-188	TALYS-6a	0	[10]	100
Hg-196(n,2n2a)Os-187	TALYS-6a	0	[8]	28
Hg-196(n,n'd)Au-194g	TALYS-6a	0	[4]	32
Hg-196(n,n'd)Au-194m	TALYS-6a	0	[4,7,8]	31
Hg-196(n,n'd)Au-194n	TALYS-6a	0	[4,7,8]	31
Hg-196(n,n't)Au-193g	TALYS-6a	0		30
Hg-196(n,n't)Au-193m	TALYS-6a	0		30
Hg-196(n,n'h)Pt-193g	TALYS-6a	0		28
Hg-196(n,n'h)Pt-193m	TALYS-6a	0		28
Hg-196(n,n'd2a)Re-186g	TALYS-6	0		15
Hg-196(n,n'd2a)Re-186m	TALYS-6	0		15
Hg-196(n,n't2a)Re-185	TALYS-6	0	[8]	15
Hg-196(n,4n)Hg-193g	TALYS-6a	0		21
Hg-196(n,4n)Hg-193m	TALYS-6a	0		21
Hg-196(n,2np)Au-194g	TALYS-6a	0	[4]	30
Hg-196(n,2np)Au-194m	TALYS-6a	0	[4,7,8]	30
Hg-196(n,2np)Au-194n	TALYS-6a	0	[4,7,8]	29
Hg-196(n,3np)Au-193g	TALYS-6a	0		23
Hg-196(n,3np)Au-193m	TALYS-6a	0		23
Hg-196(n,n'2p)Pt-194	TALYS-6a	0	[8]	30
Hg-196(n,n'pa)Ir-191g	TALYS-6a	0	[4]	32
Hg-196(n,n'pa)Ir-191m	TALYS-6a	0	[4,7,8]	32
Hg-196(n,n'pa)Ir-191n	TALYS-6a	0	[4,7,8]	31
Hg-196(n,g)Hg-197g	SIGECN-MASGAM	4	[14,13,4,6]	414
Hg-196(n,g)Hg-197m	SIGECN-MASGAM	2	[14,7,13,4,6]	414
Hg-196(n,p)Au-196g	TALYS-6a	0	[4,2]	100
Hg-196(n,p)Au-196m	TALYS-6a	0	[4,7,2]	100
Hg-196(n,p)Au-196n	TALYS-6a	0	[4,7,8,2,10]	84
Hg-196(n,d)Au-195g	TALYS-6a	0		54
Hg-196(n,d)Au-195m	TALYS-6a	0		52
Hg-196(n,t)Au-194g	TALYS-6a	0	[4]	43
Hg-196(n,t)Au-194m	TALYS-6a	0	[4,7,8]	43
Hg-196(n,t)Au-194n	TALYS-6a	0	[4,7,8]	42
Hg-196(n,h)Pt-194	TALYS-6a	0	[8]	41
Hg-196(n,a)Pt-193g	TALYS-6a	0	[9,2,3]	444
Hg-196(n,a)Pt-193m	TALYS-6a	0	[9,2,3]	444
Hg-196(n,2p)Pt-195g	TALYS-6a	0		40
Hg-196(n,2p)Pt-195m	TALYS-6a	0		39
Hg-196(n,pd)Pt-194	TALYS-6a	0	[8]	31
Hg-196(n,da)Ir-191g	TALYS-6a	0	[4]	33
Hg-196(n,da)Ir-191m	TALYS-6a	0	[4,7,8]	33
Hg-196(n,da)Ir-191n	TALYS-6a	0	[4,7,8]	32
Hg-196(n,5n)Hg-192	TALYS-6a	0		15
Hg-196(n,6n)Hg-191g	TALYS-6a	0	[4]	11
Hg-196(n,6n)Hg-191m	TALYS-6a	0	[4,7,8]	10
Hg-196(n,2nt)Au-192g	TALYS-6a	0	[4,8]	21
Hg-196(n,2nt)Au-192m	TALYS-6a	0	[15]	22
+Hg-196(n,2nt)Au-192n	TALYS-6a	0	[4,7,8,8]	20
Hg-196(n,4np)Au-192g	TALYS-6a	0	[4,8]	15
Hg-196(n,4np)Au-192m	TALYS-6a	0	[4,7,8,8]	14
+Hg-196(n,4np)Au-192n	TALYS-6a	0	[4,7,8,8]	14
Hg-196(n,3nd)Au-192g	TALYS-6a	0	[4,8]	16
Hg-196(n,3nd)Au-192m	TALYS-6a	0	[4,7,8,8]	15
+Hg-196(n,3nd)Au-192n	TALYS-6a	0	[4,7,8,8]	15
Hg-196(n,n'da)Ir-190g	TALYS-6a	0	[4]	24
Hg-196(n,n'da)Ir-190m	TALYS-6a	0	[4,7,8]	23
Hg-196(n,n'da)Ir-190n	TALYS-6a	0	[4,7,8]	23
Hg-196(n,2npa)Ir-190g	TALYS-6a	0	[4]	24
Hg-196(n,2npa)Ir-190m	TALYS-6a	0	[4,7,8]	23
Hg-196(n,2npa)Ir-190n	TALYS-6a	0	[4,7,8]	23
Hg-196(n,7n)Hg-190	TALYS-6a	0		7
Hg-196(n,5np)Au-191g	TALYS-6a	0		12
Hg-196(n,5np)Au-191m	TALYS-6a	0		12
Hg-196(n,6np)Au-190	TALYS-6a	0	[8]	7
Hg-196(n,4na)Pt-189	TALYS-6a	0	[8]	19
Hg-196(n,5na)Pt-188	TALYS-6a	0	[8]	14
Hg-196(n,6na)Pt-187	TALYS-6a	0	[8,7,8]	9
Hg-196(n,4nd)Au-191g	TALYS-6a	0		13
Hg-196(n,4nd)Au-191m	TALYS-6a	0		12
Hg-196(n,5nd)Au-190	TALYS-6a	0	[8]	8
Hg-196(n,3nt)Au-191g	TALYS-6a	0		15
Hg-196(n,3nt)Au-191m	TALYS-6a	0		15
Hg-196(n,4nt)Au-190	TALYS-6a	0	[8]	11
Hg-196(n,5nt)Au-189g	TALYS-6a	0		7
Hg-196(n,5nt)Au-189m	TALYS-6a	0		7
Hg-196(n,2nh)Pt-192	TALYS-6a	0	[8]	22
Hg-196(n,3nh)Pt-191	TALYS-6a	0	[8]	15
Hg-196(n,4nh)Pt-190	TALYS-6a	0	[8]	12
Hg-196(n,3n2p)Pt-192	TALYS-6a	0	[8]	15
Hg-196(n,3n2a)Os-186	TALYS-6a	0	[8]	22
Hg-196(n,3npa)Ir-189	TALYS-6a	0	[8]	17
Hg-196(n,n'pd)Pt-193g	TALYS-6a	0		22
Hg-196(n,n'pd)Pt-193m	TALYS-6a	0		22
Hg-196(n,n'pt)Pt-192	TALYS-6a	0	[8]	21
Hg-196(n,n'dt)Pt-191	TALYS-6a	0	[8]	15
Hg-196(n,n'ta)Ir-189	TALYS-6a	0	[8]	24
Hg-196(n,2n2p)Pt-193g	TALYS-6a	0		21
Hg-196(n,2n2p)Pt-193m	TALYS-6a	0		21
Hg-196(n,4n2p)Pt-191	TALYS-6a	0	[8]	11
Hg-196(n,4n2a)Os-185	TALYS-6a	0	[8]	15
Hg-196(n,4npa)Ir-188	TALYS-6a	0	[8]	12
Hg-196(n,3n2pa)Os-188	TALYS-6a	0	[8]	11
Hg-196(n,5n2p)Pt-190	TALYS-6a	0	[8]	8
Hg-197(n,n')Hg-197m	TALYS-6a	0		87
Hg-197(n,2nd)Au-194g	TALYS-6a	0		25
Hg-197(n,2nd)Au-194m	TALYS-6a	0		24
Hg-197(n,2nd)Au-194n	TALYS-6a	0		24
Hg-197(n,2n)Hg-196	TALYS-6a	0		51
Hg-197(n,3n)Hg-195g	TALYS-6a	0		31
Hg-197(n,3n)Hg-195m	TALYS-6a	0		31
Hg-197(n,n'a)Pt-193g	TALYS-6a	0		100
Hg-197(n,n'a)Pt-193m	TALYS-6a	0		100
Hg-197(n,2na)Pt-192	TALYS-6a	0	[8]	41
Hg-197(n,3na)Pt-191	TALYS-6a	0	[8]	27
Hg-197(n,n'p)Au-196g	TALYS-6a	0	[4]	45
Hg-197(n,n'p)Au-196m	TALYS-6a	0	[4,7,8]	45
Hg-197(n,n'p)Au-196n	TALYS-6a	0	[4,7,8]	44
Hg-197(n,n'2a)Os-189g	TALYS-6a	0		100
Hg-197(n,n'2a)Os-189m	TALYS-6a	0		100
Hg-197(n,2n2a)Os-188	TALYS-6a	0	[8]	29
Hg-197(n,n'd)Au-195g	TALYS-6a	0		34
Hg-197(n,n'd)Au-195m	TALYS-6a	0		34
Hg-197(n,n't)Au-194g	TALYS-6a	0		31
Hg-197(n,n't)Au-194m	TALYS-6a	0		30
Hg-197(n,n't)Au-194n	TALYS-6a	0		30
Hg-197(n,n'h)Pt-194	TALYS-6a	0	[8]	29
Hg-197(n,4n)Hg-194	TALYS-6a	0		24
Hg-197(n,2np)Au-195g	TALYS-6a	0		32
Hg-197(n,2np)Au-195m	TALYS-6a	0		31
Hg-197(n,3np)Au-194g	TALYS-6a	0		23
Hg-197(n,3np)Au-194m	TALYS-6a	0		23
Hg-197(n,3np)Au-194n	TALYS-6a	0		23
Hg-197(n,n'2p)Pt-195g	TALYS-6a	0	[4,8]	28
Hg-197(n,n'2p)Pt-195m	TALYS-6a	0	[4,7,8,8]	27
Hg-197(n,n'pa)Ir-192g	TALYS-6a	0	[4]	31
Hg-197(n,n'pa)Ir-192m	TALYS-6a	0	[4,7,8]	31
Hg-197(n,n'pa)Ir-192n	TALYS-6a	0	[4,7,8]	30
Hg-197(n,g)Hg-198	MASGAM	0	[14,13]	83
Hg-197(n,p)Au-197g	TALYS-6a	0	[2]	100
Hg-197(n,p)Au-197m	TALYS-6a	0	[2]	100
Hg-197(n,d)Au-196g	TALYS-6a	0	[4]	52
Hg-197(n,d)Au-196m	TALYS-6a	0	[4,7,8]	52
Hg-197(n,d)Au-196n	TALYS-6a	0	[4,7,8]	51
Hg-197(n,t)Au-195g	TALYS-6a	0		48
Hg-197(n,t)Au-195m	TALYS-6a	0		47
Hg-197(n,h)Pt-195g	TALYS-6a	0	[4,8]	39
Hg-197(n,h)Pt-195m	TALYS-6a	0	[4,7,8,8]	38
Hg-197(n,a)Pt-194	TALYS-6a	0	[2]	100
Hg-197(n,2a)Os-190g	TALYS-6a	0	[4]	100
Hg-197(n,2a)Os-190m	TALYS-6a	0	[7,4,7]	100
Hg-197(n,2p)Pt-196	TALYS-6a	0	[8]	42
Hg-197(n,pa)Ir-193g	TALYS-6a	0		100
Hg-197(n,pa)Ir-193m	TALYS-6a	0		100
Hg-197(n,pd)Pt-195g	TALYS-6a	0	[4,8]	29
Hg-197(n,pd)Pt-195m	TALYS-6a	0	[4,7,8,8]	28
Hg-197(n,da)Ir-192g	TALYS-6a	0	[4]	32
Hg-197(n,da)Ir-192m	TALYS-6a	0	[4,7,8]	31
Hg-197(n,da)Ir-192n	TALYS-6a	0	[4,7,8]	31
Hg-197(n,5n)Hg-193g	TALYS-6a	0		16
Hg-197(n,5n)Hg-193m	TALYS-6a	0		15
Hg-197(n,6n)Hg-192	TALYS-6a	0		12
Hg-197(n,2nt)Au-193g	TALYS-6a	0		23
Hg-197(n,2nt)Au-193m	TALYS-6a	0		23
Hg-197(n,ta)Ir-191g	TALYS-6a	0	[4]	31
Hg-197(n,ta)Ir-191m	TALYS-6a	0	[4,7,8]	31
Hg-197(n,ta)Ir-191n	TALYS-6a	0	[4,7,8]	30
Hg-197(n,4np)Au-193g	TALYS-6a	0		16
Hg-197(n,4np)Au-193m	TALYS-6a	0		16
Hg-197(n,3nd)Au-193g	TALYS-6a	0		18
Hg-197(n,3nd)Au-193m	TALYS-6a	0		17
Hg-197(n,n'da)Ir-191g	TALYS-6a	0	[4]	26
Hg-197(n,n'da)Ir-191m	TALYS-6a	0	[4,7,8]	25
Hg-197(n,n'da)Ir-191n	TALYS-6a	0	[4,7,8]	25
Hg-197(n,2npa)Ir-191g	TALYS-6a	0	[4]	25
Hg-197(n,2npa)Ir-191m	TALYS-6a	0	[4,7,8]	24
Hg-197(n,2npa)Ir-191n	TALYS-6a	0	[4,7,8]	24
Hg-197(n,7n)Hg-191g	TALYS-6a	0	[4]	7

Reaction	Library	Flag	Refs	Value
Hg-197(n,7n)Hg-191m	TALYS-6a	0	[4,7,8]	6
Hg-197(n,5np)Au-192g	TALYS-6a	0	[4,8]	12
Hg-197(n,5np)Au-192m	TALYS-6a	0	[4,7,8,8]	11
+Hg-197(n,5np)Au-192n	TALYS-6a	0	[4,7,8,8]	11
Hg-197(n,6np)Au-191g	TALYS-6a	0		8
Hg-197(n,6np)Au-191m	TALYS-6a	0		8
Hg-197(n,4na)Pt-190	TALYS-6a	0	[8]	21
Hg-197(n,5na)Pt-189	TALYS-6a	0	[8]	14
Hg-197(n,6na)Pt-188	TALYS-6a	0	[8]	11
Hg-197(n,4nd)Au-192g	TALYS-6a	0	[4,8]	13
Hg-197(n,4nd)Au-192m	TALYS-6a	0	[4,7,8,8]	12
+Hg-197(n,4nd)Au-192n	TALYS-6a	0	[4,7,8,8]	12
Hg-197(n,5nd)Au-191g	TALYS-6a	0		9
Hg-197(n,5nd)Au-191m	TALYS-6a	0		9
Hg-197(n,3nt)Au-192g	TALYS-6a	0	[4,8]	15
Hg-197(n,3nt)Au-192m	TALYS-6a	0	[4,7,8,8]	14
+Hg-197(n,3nt)Au-192n	TALYS-6a	0	[4,7,8,8]	14
Hg-197(n,4nt)Au-191g	TALYS-6a	0		12
Hg-197(n,4nt)Au-191m	TALYS-6a	0		12
Hg-197(n,5nt)Au-190	TALYS-6a	0	[8]	7
Hg-197(n,2nh)Pt-193g	TALYS-6a	0		21
Hg-197(n,2nh)Pt-193m	TALYS-6a	0		21
Hg-197(n,3nh)Pt-192	TALYS-6a	0	[8]	16
Hg-197(n,4nh)Pt-191	TALYS-6a	0	[8]	12
Hg-197(n,3n2p)Pt-193g	TALYS-6a	0		15
Hg-197(n,3n2p)Pt-193m	TALYS-6a	0		15
Hg-197(n,3n2a)Os-187	TALYS-6a	0	[8]	20
Hg-197(n,3npa)Ir-190g	TALYS-6a	0	[4]	16
Hg-197(n,3npa)Ir-190m	TALYS-6a	0	[4,7,8]	16
Hg-197(n,3npa)Ir-190n	TALYS-6a	0	[4,7,8]	15
Hg-197(n,n'pd)Pt-194	TALYS-6a	0	[8]	23
Hg-197(n,n'pt)Pt-193g	TALYS-6a	0		21
Hg-197(n,n'pt)Pt-193m	TALYS-6a	0		21
Hg-197(n,n'dt)Pt-192	TALYS-6a	0	[8]	15
Hg-197(n,n'ta)Ir-190g	TALYS-6a	0	[4]	23
Hg-197(n,n'ta)Ir-190m	TALYS-6a	0	[4,7,8]	22
Hg-197(n,n'ta)Ir-190n	TALYS-6a	0	[4,7,8]	22
Hg-197(n,2n2p)Pt-194	TALYS-6a	0	[8]	22
Hg-197(n,4n2p)Pt-192	TALYS-6a	0	[8]	12
Hg-197(n,4n2a)Os-186	TALYS-6a	0	[8]	15
Hg-197(n,4npa)Ir-189	TALYS-6a	0	[8]	13
Hg-197m(n,n')Hg-197g	TALYS-6a	0	[8]	97
Hg-197m(n,2nd)Au-194g	TALYS-6a	0		25
Hg-197m(n,2nd)Au-194m	TALYS-6a	0		25
Hg-197m(n,2nd)Au-194n	TALYS-6a	0		25
Hg-197m(n,2n)Hg-196	TALYS-6a	0		53
Hg-197m(n,3n)Hg-195g	TALYS-6a	0		31
Hg-197m(n,3n)Hg-195m	TALYS-6a	0		31
Hg-197m(n,n'a)Pt-193g	TALYS-6a	0		100
Hg-197m(n,n'a)Pt-193m	TALYS-6a	0		100
Hg-197m(n,2na)Pt-192	TALYS-6a	0	[8]	41
Hg-197m(n,3na)Pt-191	TALYS-6a	0	[8]	28
Hg-197m(n,n'p)Au-196g	TALYS-6a	0	[4]	47
Hg-197m(n,n'p)Au-196m	TALYS-6a	0	[4,7,8]	47
Hg-197m(n,n'p)Au-196n	TALYS-6a	0	[4,7,8]	46
Hg-197m(n,n'2a)Os-189g	TALYS-6a	0		100
Hg-197m(n,n'2a)Os-189m	TALYS-6a	0		100
Hg-197m(n,2n2a)Os-188	TALYS-6a	0	[8]	30
Hg-197m(n,n'd)Au-195g	TALYS-6a	0		35
Hg-197m(n,n'd)Au-195m	TALYS-6a	0		35
Hg-197m(n,n't)Au-194g	TALYS-6a	0		31
Hg-197m(n,n't)Au-194m	TALYS-6a	0		31
Hg-197m(n,n't)Au-194n	TALYS-6a	0		30
Hg-197m(n,n'h)Pt-194	TALYS-6a	0	[8]	30
Hg-197m(n,4n)Hg-194	TALYS-6a	0		24
Hg-197m(n,2np)Au-195g	TALYS-6a	0		33
Hg-197m(n,2np)Au-195m	TALYS-6a	0		32
Hg-197m(n,3np)Au-194g	TALYS-6a	0		24
Hg-197m(n,3np)Au-194m	TALYS-6a	0		23
Hg-197m(n,3np)Au-194n	TALYS-6a	0		23
Hg-197m(n,n'2p)Pt-195g	TALYS-6a	0	[4,8]	29
Hg-197m(n,n'2p)Pt-195m	TALYS-6a	0	[4,7,8,8]	28
Hg-197m(n,n'pa)Ir-192g	TALYS-6a	0	[4]	31
Hg-197m(n,n'pa)Ir-192m	TALYS-6a	0	[4,7,8]	31
Hg-197m(n,n'pa)Ir-192n	TALYS-6a	0	[4,7,8]	30
Hg-197m(n,g)Hg-198	MASGAM	0	[14,7,13]	83
Hg-197m(n,p)Au-197g	TALYS-6a	0	[2]	100
Hg-197m(n,p)Au-197m	TALYS-6a	0	[2]	100
Hg-197m(n,d)Au-196g	TALYS-6a	0	[4]	53
Hg-197m(n,d)Au-196m	TALYS-6a	0	[4,7,8]	53
Hg-197m(n,d)Au-196n	TALYS-6a	0	[4,7,8]	52
Hg-197m(n,t)Au-195g	TALYS-6a	0		49
Hg-197m(n,t)Au-195m	TALYS-6a	0		48
Hg-197m(n,h)Pt-195g	TALYS-6a	0	[4,8]	38
Hg-197m(n,h)Pt-195m	TALYS-6a	0	[4,7,8,8]	37
Hg-197m(n,a)Pt-194	TALYS-6a	0	[2]	100
Hg-197m(n,2a)Os-190g	TALYS-6a	0	[4]	100
Hg-197m(n,2a)Os-190m	TALYS-6a	0	[7,4,7]	100
Hg-197m(n,2p)Pt-196	TALYS-6a	0	[8]	43
Hg-197m(n,pa)Ir-193g	TALYS-6a	0		100
Hg-197m(n,pa)Ir-193m	TALYS-6a	0		100
Hg-197m(n,pd)Pt-195g	TALYS-6a	0	[4,8]	30
Hg-197m(n,pd)Pt-195m	TALYS-6a	0	[4,7,8,8]	29
Hg-197m(n,5n)Hg-193g	TALYS-6a	0		16
Hg-197m(n,5n)Hg-193m	TALYS-6a	0		16
Hg-197m(n,6n)Hg-192	TALYS-6a	0		12
Hg-197m(n,2nt)Au-193g	TALYS-6a	0		24
Hg-197m(n,2nt)Au-193m	TALYS-6a	0		23
Hg-197m(n,ta)Ir-191g	TALYS-6a	0	[4]	32
Hg-197m(n,ta)Ir-191m	TALYS-6a	0	[4,7,8]	32
Hg-197m(n,ta)Ir-191n	TALYS-6a	0	[4,7,8]	31
Hg-197m(n,4np)Au-193g	TALYS-6a	0		16
Hg-197m(n,4np)Au-193m	TALYS-6a	0		16
Hg-197m(n,3nd)Au-193g	TALYS-6a	0		18
Hg-197m(n,3nd)Au-193m	TALYS-6a	0		18
Hg-197m(n,n'da)Ir-191g	TALYS-6a	0	[4]	26
Hg-197m(n,n'da)Ir-191m	TALYS-6a	0	[4,7,8]	26
Hg-197m(n,n'da)Ir-191n	TALYS-6a	0	[4,7,8]	25
Hg-197m(n,2npa)Ir-191g	TALYS-6a	0	[4]	25
Hg-197m(n,2npa)Ir-191m	TALYS-6a	0	[4,7,8]	25
Hg-197m(n,2npa)Ir-191n	TALYS-6a	0	[4,7,8]	24
Hg-197m(n,7n)Hg-191g	TALYS-6a	0	[4]	7
Hg-197m(n,7n)Hg-191m	TALYS-6a	0	[4,7,8]	6
Hg-197m(n,5np)Au-192g	TALYS-6a	0	[4,8]	12
Hg-197m(n,5np)Au-192m	TALYS-6a	0	[4,7,8,8]	11
+Hg-197m(n,5np)Au-192n	TALYS-6a	0	[4,7,8,8]	11
Hg-197m(n,6np)Au-191g	TALYS-6a	0		9
Hg-197m(n,6np)Au-191m	TALYS-6a	0		9
Hg-197m(n,4na)Pt-190	TALYS-6a	0	[8]	21
Hg-197m(n,5na)Pt-189	TALYS-6a	0	[8]	14
Hg-197m(n,6na)Pt-188	TALYS-6a	0	[8]	11
Hg-197m(n,4nd)Au-192g	TALYS-6a	0	[4,8]	13
Hg-197m(n,4nd)Au-192m	TALYS-6a	0	[4,7,8,8]	12
+Hg-197m(n,4nd)Au-192n	TALYS-6a	0	[4,7,8,8]	12
Hg-197m(n,5nd)Au-191g	TALYS-6a	0		9
Hg-197m(n,5nd)Au-191m	TALYS-6a	0		9
Hg-197m(n,3nt)Au-192g	TALYS-6a	0	[4,8]	16
Hg-197m(n,3nt)Au-192m	TALYS-6a	0	[4,7,8,8]	15
+Hg-197m(n,3nt)Au-192n	TALYS-6a	0	[4,7,8,8]	15
Hg-197m(n,4nt)Au-191g	TALYS-6a	0		12
Hg-197m(n,4nt)Au-191m	TALYS-6a	0		12
Hg-197m(n,5nt)Au-190	TALYS-6a	0	[8]	7
Hg-197m(n,2nh)Pt-193g	TALYS-6a	0		21
Hg-197m(n,2nh)Pt-193m	TALYS-6a	0		21
Hg-197m(n,3nh)Pt-192	TALYS-6a	0	[8]	16
Hg-197m(n,4nh)Pt-191	TALYS-6a	0	[8]	12
Hg-197m(n,3n2p)Pt-193g	TALYS-6a	0		15
Hg-197m(n,3n2p)Pt-193m	TALYS-6a	0		15
Hg-197m(n,3n2a)Os-187	TALYS-6a	0	[8]	21
Hg-197m(n,3npa)Ir-190g	TALYS-6a	0	[4]	17
Hg-197m(n,3npa)Ir-190m	TALYS-6a	0	[4,7,8]	15
Hg-197m(n,3npa)Ir-190n	TALYS-6a	0	[4,7,8]	16
Hg-197m(n,n'pd)Pt-194	TALYS-6a	0	[8]	24
Hg-197m(n,n'pt)Pt-193g	TALYS-6a	0		21
Hg-197m(n,n'pt)Pt-193m	TALYS-6a	0		21
Hg-197m(n,n'dt)Pt-192	TALYS-6a	0	[8]	15
Hg-197m(n,n'ta)Ir-190g	TALYS-6a	0	[4]	23
Hg-197m(n,n'ta)Ir-190m	TALYS-6a	0	[4,7,8]	23
Hg-197m(n,n'ta)Ir-190n	TALYS-6a	0	[4,7,8]	22
Hg-197m(n,2n2p)Pt-194	TALYS-6a	0	[8]	23
Hg-197m(n,4n2p)Pt-192	TALYS-6a	0	[8]	12
Hg-197m(n,4n2a)Os-186	TALYS-6a	0	[8]	16
Hg-197m(n,4npa)Ir-189	TALYS-6a	0	[8]	13
Hg-198(n,2nd)Au-195g	TALYS-6a	0		25
Hg-198(n,2nd)Au-195m	TALYS-6a	0		24
Hg-198(n,2n)Hg-197g	FENDL/A-1	4	[13,3,8,7,8,9,8]	54
Hg-198(n,2n)Hg-197m	FENDL/A-1	4	[13,3,8,7,8]	52
Hg-198(n,3n)Hg-196	TALYS-6a	0		31
Hg-198(n,n'a)Pt-194	TALYS-6a	0		100
Hg-198(n,2na)Pt-193g	TALYS-6a	0		37
Hg-198(n,2na)Pt-193m	TALYS-6a	0		36
Hg-198(n,3na)Pt-192	TALYS-6a	0	[8]	28
Hg-198(n,n'p)Au-197g	TALYS-6a	0		45
Hg-198(n,n'p)Au-197m	TALYS-6a	0		44
Hg-198(n,n'2a)Os-190g	TALYS-6a	0	[4]	100
Hg-198(n,n'2a)Os-190m	TALYS-6a	0	[7,4,7]	100
Hg-198(n,2n2a)Os-189g	TALYS-6a	0		26
Hg-198(n,2n2a)Os-189m	TALYS-6a	0		26
Hg-198(n,n'd)Au-196g	TALYS-6a	0	[4]	31
Hg-198(n,n'd)Au-196m	TALYS-6a	0	[4,7,8]	31
Hg-198(n,n'd)Au-196n	TALYS-6a	0	[4,7,8]	30
Hg-198(n,n't)Au-195g	TALYS-6a	0		30
Hg-198(n,n't)Au-195m	TALYS-6a	0		30
Hg-198(n,n'h)Pt-195g	TALYS-6a	0		27
Hg-198(n,n'h)Pt-195m	TALYS-6a	0		27
Hg-198(n,4n)Hg-195g	TALYS-6a	0		22
Hg-198(n,4n)Hg-195m	TALYS-6a	0		22
Hg-198(n,2np)Au-196g	TALYS-6a	0	[4]	30
Hg-198(n,2np)Au-196m	TALYS-6a	0	[4,7,8]	30
Hg-198(n,2np)Au-196n	TALYS-6a	0	[4,7,8]	29
Hg-198(n,3np)Au-195g	TALYS-6a	0		23
Hg-198(n,3np)Au-195m	TALYS-6a	0		23
Hg-198(n,n'2p)Pt-196	TALYS-6a	0	[8]	28
Hg-198(n,n'pa)Ir-193g	TALYS-6a	0		30
Hg-198(n,n'pa)Ir-193m	TALYS-6a	0		30
>Hg-198(n,g)Hg-199g	SIGECN-MASGAM	4	[14,13,3]	805
>Hg-198(n,g)Hg-199m	SIGECN-MASGAM	2	[14,7,13,3]	805
Hg-198(n,p)Au-198g	TALYS-6a	0	[4,2,8]	77
Hg-198(n,p)Au-198m	TALYS-6a	0	[4,7,8,2,8]	76
Hg-198(n,d)Au-197g	TALYS-6a	0		51
Hg-198(n,d)Au-197m	TALYS-6a	0		49
Hg-198(n,t)Au-196g	TALYS-6a	0	[4]	43
Hg-198(n,t)Au-196m	TALYS-6a	0	[4,7,8]	43
Hg-198(n,t)Au-196n	TALYS-6a	0	[4,7,8]	42
Hg-198(n,h)Pt-196	TALYS-6a	0	[8]	38
Hg-198(n,a)Pt-195g	TALYS-6a	0	[9,2,3]	803
Hg-198(n,a)Pt-195m	TALYS-6a	0	[9,2,3]	803
Hg-198(n,2a)Os-191g	TALYS-6a	0		100
Hg-198(n,2a)Os-191m	TALYS-6a	0		100
Hg-198(n,2p)Pt-197g	TALYS-6a	0		36
Hg-198(n,2p)Pt-197m	TALYS-6a	0		35
>Hg-198(n,pa)Ir-194g	TALYS-6a	0	[4,8]	41
>Hg-198(n,pa)Ir-194m	TALYS-6a	0	[4,7,8,8]	40
+Hg-198(n,pa)Ir-194n	TALYS-6a	0	[4,7,8,8]	40
Hg-198(n,pd)Pt-196	TALYS-6a	0	[8]	29
Hg-198(n,da)Ir-193g	TALYS-6a	0		31
Hg-198(n,da)Ir-193m	TALYS-6a	0		31
Hg-198(n,5n)Hg-194	TALYS-6a	0		16
Hg-198(n,6n)Hg-193g	TALYS-6a	0		11
Hg-198(n,6n)Hg-193m	TALYS-6a	0		11
Hg-198(n,2nt)Au-194g	TALYS-6a	0		22
Hg-198(n,2nt)Au-194m	TALYS-6a	0		22
Hg-198(n,2nt)Au-194n	TALYS-6a	0		21
Hg-198(n,ta)Ir-192g	TALYS-6a	0	[4]	29
Hg-198(n,ta)Ir-192m	TALYS-6a	0	[4,7,8]	28
Hg-198(n,ta)Ir-192n	TALYS-6a	0	[4,7,8]	28
Hg-198(n,4np)Au-194g	TALYS-6a	0		16
Hg-198(n,4np)Au-194m	TALYS-6a	0		16

Reaction	Library			
Hg-198(n,4np)Au-194n	TALYS-6a	0		15
Hg-198(n,3nd)Au-194g	TALYS-6a	0		16
Hg-198(n,3nd)Au-194m	TALYS-6a	0		16
Hg-198(n,3nd)Au-194n	TALYS-6a	0		16
Hg-198(n,n'da)Ir-192g	TALYS-6a	0	[4]	23
Hg-198(n,n'da)Ir-192m	TALYS-6a	0	[4,7,8]	23
Hg-198(n,n'da)Ir-192n	TALYS-6a	0	[4,7,8]	22
Hg-198(n,2npa)Ir-192g	TALYS-6a	0	[4]	22
Hg-198(n,2npa)Ir-192m	TALYS-6a	0	[4,7,8]	22
Hg-198(n,2npa)Ir-192n	TALYS-6a	0	[4,7,8]	21
Hg-198(n,7n)Hg-192	TALYS-6a	0		8
Hg-198(n,5np)Au-193g	TALYS-6a	0		12
Hg-198(n,5np)Au-193m	TALYS-6a	0		12
Hg-198(n,6np)Au-192g	TALYS-6a	0	[4]	8
Hg-198(n,6np)Au-192m	TALYS-6a	0	[4,7,8]	7
+Hg-198(n,6np)Au-192n	TALYS-6a	0	[4,7,8]	7
Hg-198(n,4na)Pt-191	TALYS-6a	0	[8]	19
Hg-198(n,5na)Pt-190	TALYS-6a	0	[8]	14
Hg-198(n,6na)Pt-189	TALYS-6a	0	[8]	10
Hg-198(n,4nd)Au-193g	TALYS-6a	0		13
Hg-198(n,4nd)Au-193m	TALYS-6a	0		13
Hg-198(n,5nd)Au-192g	TALYS-6a	0	[4,8]	8
Hg-198(n,5nd)Au-192m	TALYS-6a	0	[4,7,8,8]	7
+Hg-198(n,5nd)Au-192n	TALYS-6a	0	[4,7,8,8]	7
Hg-198(n,3nt)Au-193g	TALYS-6a	0		16
Hg-198(n,3nt)Au-193m	TALYS-6a	0		15
Hg-198(n,4nt)Au-192g	TALYS-6a	0	[4,8]	11
Hg-198(n,4nt)Au-192m	TALYS-6a	0	[4,7,8,8]	10
+Hg-198(n,4nt)Au-192n	TALYS-6a	0	[4,7,8,8]	10
Hg-198(n,5nt)Au-191g	TALYS-6a	0		7
Hg-198(n,5nt)Au-191m	TALYS-6a	0		7
Hg-198(n,2nh)Pt-194	TALYS-6a	0	[8]	21
Hg-198(n,3nh)Pt-193g	TALYS-6a	0		15
Hg-198(n,3nh)Pt-193m	TALYS-6a	0		15
Hg-198(n,4nh)Pt-192	TALYS-6a	0	[8]	11
Hg-198(n,3n2p)Pt-194	TALYS-6a	0	[8]	15
Hg-198(n,3n2a)Os-188	TALYS-6a	0	[8]	20
Hg-198(n,3npa)Ir-191g	TALYS-6a	0	[4]	16
Hg-198(n,3npa)Ir-191m	TALYS-6a	0	[4,7,8]	16
Hg-198(n,3npa)Ir-191n	TALYS-6a	0	[4,7,8]	15
Hg-198(n,n'pd)Pt-195g	TALYS-6a	0		21
Hg-198(n,n'pd)Pt-195m	TALYS-6a	0		21
Hg-198(n,n'pt)Pt-194	TALYS-6a	0	[8]	21
Hg-198(n,n'ta)Ir-191g	TALYS-6a	0	[4]	22
Hg-198(n,n'ta)Ir-191m	TALYS-6a	0	[4,7,8]	22
Hg-198(n,n'ta)Ir-191n	TALYS-6a	0	[4,7,8]	21
Hg-198(n,2n2p)Pt-195g	TALYS-6a	0		20
Hg-198(n,2n2p)Pt-195m	TALYS-6a	0		19
Hg-198(n,ha)Os-192g	TALYS-6a	0	[4,8]	23
Hg-198(n,ha)Os-192m	TALYS-6a	0	[4,7,8,8]	22
Hg-198(n,4n2p)Pt-193g	TALYS-6a	0		11
Hg-198(n,4n2p)Pt-193m	TALYS-6a	0		11
Hg-198(n,4n2a)Os-187	TALYS-6a	0	[8]	14
Hg-198(n,4npa)Ir-190g	TALYS-6a	0	[4]	12
Hg-198(n,4npa)Ir-190m	TALYS-6a	0	[4,7,8]	12
Hg-198(n,4npa)Ir-190n	TALYS-6a	0	[4,7,8]	11
Hg-199(n,n')Hg-199m	LANL(HERMAN)	4	[13]	55
Hg-199(n,2nd)Au-196g	TALYS-6a	0	[4]	25
Hg-199(n,2nd)Au-196m	TALYS-6a	0	[4,7,8]	25
Hg-199(n,2nd)Au-196n	TALYS-6a	0	[4,7,8]	24
Hg-199(n,2n)Hg-198	TALYS-6a	0		52
Hg-199(n,3n)Hg-197g	TALYS-6a	0		31
Hg-199(n,3n)Hg-197m	TALYS-6a	0		31
Hg-199(n,n'a)Pt-195g	TALYS-6a	0		100
Hg-199(n,n'a)Pt-195m	TALYS-6a	0		100
Hg-199(n,2na)Pt-194	TALYS-6a	0	[8]	40
Hg-199(n,3na)Pt-193g	TALYS-6a	0		27
Hg-199(n,3na)Pt-193m	TALYS-6a	0		27
Hg-199(n,n'p)Au-198g	TALYS-6a	0	[4,8]	44
Hg-199(n,n'p)Au-198m	TALYS-6a	0	[4,7,8,8]	43
Hg-199(n,n'2a)Os-191g	TALYS-6a	0	[10]	100
Hg-199(n,n'2a)Os-191m	TALYS-6a	0		100
Hg-199(n,2n2a)Os-190g	TALYS-6a	0	[4,8]	26
Hg-199(n,2n2a)Os-190m	TALYS-6a	0	[4,7,8,8]	25
Hg-199(n,n'd)Au-197g	TALYS-6a	0		34
Hg-199(n,n'd)Au-197m	TALYS-6a	0		33
Hg-199(n,n't)Au-196g	TALYS-6a	0	[4]	30
Hg-199(n,n't)Au-196m	TALYS-6a	0	[4,7,8]	30
Hg-199(n,n't)Au-196n	TALYS-6a	0	[4,7,8]	29
Hg-199(n,n'h)Pt-196	TALYS-6a	0	[8]	28
Hg-199(n,4n)Hg-196	TALYS-6a	0		24
Hg-199(n,2np)Au-197g	TALYS-6a	0		31
Hg-199(n,2np)Au-197m	TALYS-6a	0		31
Hg-199(n,3np)Au-196g	TALYS-6a	0	[4]	23
Hg-199(n,3np)Au-196m	TALYS-6a	0	[4,7,8]	23
Hg-199(n,3np)Au-196n	TALYS-6a	0	[4,7,8]	22
Hg-199(n,n'2p)Pt-197g	TALYS-6a	0	[4,8]	27
Hg-199(n,n'2p)Pt-197m	TALYS-6a	0	[4,7,8,8]	26
>Hg-199(n,n'pa)Ir-194g	TALYS-6a	0	[4,8]	29
>Hg-199(n,n'pa)Ir-194m	TALYS-6a	0	[4,7,8,8]	28
+Hg-199(n,n'pa)Ir-194n	TALYS-6a	0	[4,7,8,8]	28
>Hg-199(n,g)Hg-200	SIGECN-MASGAM	4	[14,13]	891
Hg-199(n,p)Au-199	TALYS-5	2	[3]	100
Hg-199(n,d)Au-198g	TALYS-6a	0	[4,8]	50
Hg-199(n,d)Au-198m	TALYS-6a	0	[4,7,8,8]	49
Hg-199(n,t)Au-197g	TALYS-6a	0		46
Hg-199(n,t)Au-197m	TALYS-6a	0		45
Hg-199(n,h)Pt-197g	TALYS-6a	0	[4,8]	36
Hg-199(n,h)Pt-197m	TALYS-6a	0	[4,7,8,8]	35
Hg-199(n,a)Pt-196	TALYS-6a	0	[9,2,3]	890
Hg-199(n,2a)Os-192g	TALYS-6a	0	[4,10]	100
Hg-199(n,2a)Os-192m	TALYS-6a	0	[7,4,7,10]	100
Hg-199(n,2p)Pt-198	TALYS-6a	0	[8]	37
Hg-199(n,pa)Ir-195g	TALYS-6a	0		100
Hg-199(n,pa)Ir-195m	TALYS-6a	0		100
Hg-199(n,pd)Pt-197g	TALYS-6a	0	[4,8]	28
Hg-199(n,pd)Pt-197m	TALYS-6a	0	[4,7,8,8]	27
>Hg-199(n,da)Ir-194g	TALYS-6a	0	[4,8]	30
>Hg-199(n,da)Ir-194m	TALYS-6a	0	[4,7,8,8]	29
+Hg-199(n,da)Ir-194n	TALYS-6a	0	[4,7,8,8]	29
Hg-199(n,5n)Hg-195g	TALYS-6a	0		16
Hg-199(n,5n)Hg-195m	TALYS-6a	0		16
Hg-199(n,6n)Hg-194	TALYS-6a	0		13
Hg-199(n,2nt)Au-195g	TALYS-6a	0		23
Hg-199(n,2nt)Au-195m	TALYS-6a	0		23
Hg-199(n,ta)Ir-193g	TALYS-6a	0		30
Hg-199(n,ta)Ir-193m	TALYS-6a	0		30
Hg-199(n,4np)Au-195g	TALYS-6a	0		16
Hg-199(n,4np)Au-195m	TALYS-6a	0		16
Hg-199(n,3nd)Au-195g	TALYS-6a	0		18
Hg-199(n,3nd)Au-195m	TALYS-6a	0		18
Hg-199(n,n'da)Ir-193g	TALYS-6a	0		24
Hg-199(n,n'da)Ir-193m	TALYS-6a	0		24
Hg-199(n,2npa)Ir-193g	TALYS-6a	0		23
Hg-199(n,2npa)Ir-193m	TALYS-6a	0		23
Hg-199(n,7n)Hg-193g	TALYS-6a	0		8
Hg-199(n,7n)Hg-193m	TALYS-6a	0		8
Hg-199(n,5np)Au-194g	TALYS-6a	0		12
Hg-199(n,5np)Au-194m	TALYS-6a	0		12
Hg-199(n,5np)Au-194n	TALYS-6a	0		12
Hg-199(n,6np)Au-193g	TALYS-6a	0		9
Hg-199(n,6np)Au-193m	TALYS-6a	0		9
Hg-199(n,4na)Pt-192	TALYS-6a	0	[8]	21
Hg-199(n,5na)Pt-191	TALYS-6a	0	[8]	14
Hg-199(n,6na)Pt-190	TALYS-6a	0	[8]	11
Hg-199(n,4nd)Au-194g	TALYS-6a	0		13
Hg-199(n,4nd)Au-194m	TALYS-6a	0		13
Hg-199(n,4nd)Au-194n	TALYS-6a	0		13
Hg-199(n,5nd)Au-193g	TALYS-6a	0		9
Hg-199(n,5nd)Au-193m	TALYS-6a	0		9
Hg-199(n,6nd)Au-192g	TALYS-6a	0	[4,8]	5
Hg-199(n,6nd)Au-192m	TALYS-6a	0	[4,7,8,8]	4
+Hg-199(n,6nd)Au-192n	TALYS-6a	0	[4,7,8,8]	4
Hg-199(n,3nt)Au-194g	TALYS-6a	0		16
Hg-199(n,3nt)Au-194m	TALYS-6a	0		16
Hg-199(n,3nt)Au-194n	TALYS-6a	0		15
Hg-199(n,4nt)Au-193g	TALYS-6a	0		12
Hg-199(n,4nt)Au-193m	TALYS-6a	0		12
Hg-199(n,5nt)Au-192g	TALYS-6a	0	[4,8]	8
Hg-199(n,5nt)Au-192m	TALYS-6a	0	[4,7,8,8]	7
+Hg-199(n,5nt)Au-192n	TALYS-6a	0	[4,7,8,8]	7
Hg-199(n,2nh)Pt-195g	TALYS-6a	0		20
Hg-199(n,2nh)Pt-195m	TALYS-6a	0		20
Hg-199(n,3nh)Pt-194	TALYS-6a	0	[8]	15
Hg-199(n,4nh)Pt-193g	TALYS-6a	0		11
Hg-199(n,4nh)Pt-193m	TALYS-6a	0		11
Hg-199(n,3n2p)Pt-195g	TALYS-6a	0		15
Hg-199(n,3n2p)Pt-195m	TALYS-6a	0		15
Hg-199(n,3n2a)Os-189g	TALYS-6a	0		18
Hg-199(n,3n2a)Os-189m	TALYS-6a	0		19
Hg-199(n,3npa)Ir-192g	TALYS-6a	0	[4]	16
Hg-199(n,3npa)Ir-192m	TALYS-6a	0	[4,7,8]	16
Hg-199(n,3npa)Ir-192n	TALYS-6a	0	[4,7,8]	15
Hg-199(n,n'pd)Pt-196	TALYS-6a	0	[8]	22
Hg-199(n,n'pt)Pt-195g	TALYS-6a	0		20
Hg-199(n,n'pt)Pt-195m	TALYS-6a	0		20
Hg-199(n,n'ta)Ir-192g	TALYS-6a	0	[4]	22
Hg-199(n,n'ta)Ir-192m	TALYS-6a	0	[4,7,8]	21
Hg-199(n,n'ta)Ir-192n	TALYS-6a	0	[4,7,8]	21
Hg-199(n,2n2p)Pt-196	TALYS-6a	0	[8]	21
Hg-199(n,4n2p)Pt-194	TALYS-6a	0	[8]	11
Hg-199(n,4n2a)Os-188	TALYS-6a	0	[8]	14
Hg-199(n,4npa)Ir-191g	TALYS-6a	0	[4]	12
Hg-199(n,4npa)Ir-191m	TALYS-6a	0	[4,7,8]	12
Hg-199(n,4npa)Ir-191n	TALYS-6a	0	[4,7,8]	11
Hg-200(n,2nd)Au-197g	TALYS-6a	0		25
Hg-200(n,2nd)Au-197m	TALYS-6a	0		24
Hg-200(n,2n)Hg-199g	TALYS-6a	0		45
Hg-200(n,2n)Hg-199m	ADL-3	6	[13,3]	44
Hg-200(n,3n)Hg-198	TALYS-6a	0		32
Hg-200(n,n'a)Pt-196	TALYS-6a	0		99
Hg-200(n,2na)Pt-195g	TALYS-6a	0		36
Hg-200(n,2na)Pt-195m	TALYS-6a	0		36
Hg-200(n,3na)Pt-194	TALYS-6a	0	[8]	27
Hg-200(n,n'p)Au-199	TALYS-6a	0	[8]	43
Hg-200(n,n'2a)Os-192g	TALYS-6a	0	[4]	99
Hg-200(n,n'2a)Os-192m	TALYS-6a	0	[4,7,8,10]	84
Hg-200(n,2n2a)Os-191g	TALYS-6a	0		24
Hg-200(n,2n2a)Os-191m	TALYS-6a	0		23
Hg-200(n,n'd)Au-198g	TALYS-6a	0	[4,8]	31
Hg-200(n,n'd)Au-198m	TALYS-6a	0	[4,7,8,8]	30
Hg-200(n,n't)Au-197g	TALYS-6a	0		30
Hg-200(n,n't)Au-197m	TALYS-6a	0		30
Hg-200(n,n'h)Pt-197g	TALYS-6a	0		26
Hg-200(n,n'h)Pt-197m	TALYS-6a	0		26
Hg-200(n,4n)Hg-197g	TALYS-6a	0		23
Hg-200(n,4n)Hg-197m	TALYS-6a	0		23
Hg-200(n,2np)Au-198g	TALYS-6a	0	[4,8]	30
Hg-200(n,2np)Au-198m	TALYS-6a	0	[4,7,8,8]	28
Hg-200(n,3np)Au-197g	TALYS-6a	0		23
Hg-200(n,3np)Au-197m	TALYS-6a	0		23
Hg-200(n,n'2p)Pt-198	TALYS-6a	0	[8]	26
Hg-200(n,n'pa)Ir-195g	TALYS-6a	0		28
Hg-200(n,n'pa)Ir-195m	TALYS-6a	0		28
Hg-200(n,g)Hg-201	SIGECN-MASGAM	4	[14,13]	752
>Hg-200(n,p)Au-200g	TALYS-6a	1	[4,8]	72
>Hg-200(n,p)Au-200m	TALYS-6a	0	[4,7,8,2,8]	71
Hg-200(n,d)Au-199	TALYS-6a	0	[8]	48
Hg-200(n,t)Au-198g	TALYS-6a	0	[4,8]	43
Hg-200(n,t)Au-198m	TALYS-6a	0	[4,7,8,8]	42
Hg-200(n,h)Pt-198	TALYS-6a	0	[8]	35
Hg-200(n,a)Pt-197g	TALYS-6a	0	[9,2,3]	789
Hg-200(n,a)Pt-197m	TALYS-6a	0	[9,2,3]	789
Hg-200(n,2a)Os-193	TALYS-6a	0		99
Hg-200(n,2p)Pt-199g	TALYS-6a	0		32
Hg-200(n,2p)Pt-199m	TALYS-6a	0		31
Hg-200(n,pd)Pt-198	TALYS-6a	0	[8]	27
Hg-200(n,da)Ir-195g	TALYS-6a	0		29

Reaction	Library		Value
Hg-200(n,da)Ir-195m	TALYS-6a	0	29
Hg-200(n,5n)Hg-196	TALYS-6a	0	16
Hg-200(n,6n)Hg-195g	TALYS-6a	0	12
Hg-200(n,6n)Hg-195m	TALYS-6a	0	12
Hg-200(n,2nt)Au-196g	TALYS-6a	0 [4]	22
Hg-200(n,2nt)Au-196m	TALYS-6a	0 [4,7,8]	22
Hg-200(n,2nt)Au-196n	TALYS-6a	0 [4,7,8]	21
>Hg-200(n,ta)Ir-194g	TALYS-6a	0 [4,8]	27
>Hg-200(n,ta)Ir-194m	TALYS-6a	0 [4,7,8,8]	26
+Hg-200(n,ta)Ir-194n	TALYS-6a	0 [4,7,8,8]	26
Hg-200(n,4np)Au-196g	TALYS-6a	0 [4]	16
Hg-200(n,4np)Au-196m	TALYS-6a	0 [4,7,8]	16
Hg-200(n,4np)Au-196n	TALYS-6a	0 [4,7,8]	15
Hg-200(n,3nd)Au-196g	TALYS-6a	0 [4]	16
Hg-200(n,3nd)Au-196m	TALYS-6a	0 [4,7,8]	16
Hg-200(n,3nd)Au-196n	TALYS-6a	0 [4,7,8]	15
>Hg-200(n,n'da)Ir-194g	TALYS-6a	0 [4,8]	22
>Hg-200(n,n'da)Ir-194m	TALYS-6a	0 [4,7,8,8]	21
+Hg-200(n,n'da)Ir-194n	TALYS-6a	0 [4,7,8,8]	21
>Hg-200(n,2npa)Ir-194g	TALYS-6a	0 [4,8]	21
>Hg-200(n,2npa)Ir-194m	TALYS-6a	0 [4,7,8,8]	20
+Hg-200(n,2npa)Ir-194n	TALYS-6a	0 [4,7,8,8]	20
Hg-200(n,7n)Hg-194	TALYS-6a	0	9
Hg-200(n,8n)Hg-193g	TALYS-6a	0	4
Hg-200(n,8n)Hg-193m	TALYS-6a	0	4
Hg-200(n,5np)Au-195g	TALYS-6a	0	12
Hg-200(n,5np)Au-195m	TALYS-6a	0	12
Hg-200(n,6np)Au-194g	TALYS-6a	0	8
Hg-200(n,6np)Au-194m	TALYS-6a	0	8
Hg-200(n,6np)Au-194n	TALYS-6a	0	8
Hg-200(n,4na)Pt-193g	TALYS-6a	0	19
Hg-200(n,4na)Pt-193m	TALYS-6a	0	19
Hg-200(n,5na)Pt-192	TALYS-6a	0 [8]	14
Hg-200(n,6na)Pt-191	TALYS-6a	0 [8]	10
Hg-200(n,4nd)Au-195g	TALYS-6a	0	13
Hg-200(n,4nd)Au-195m	TALYS-6a	0	13
Hg-200(n,5nd)Au-194g	TALYS-6a	0	9
Hg-200(n,5nd)Au-194m	TALYS-6a	0	9
Hg-200(n,5nd)Au-194n	TALYS-6a	0	9
Hg-200(n,6nd)Au-193g	TALYS-6a	0	5
Hg-200(n,6nd)Au-193m	TALYS-6a	0	5
Hg-200(n,3nt)Au-195g	TALYS-6a	0	16
Hg-200(n,3nt)Au-195m	TALYS-6a	0	16
Hg-200(n,4nt)Au-194g	TALYS-6a	0	11
Hg-200(n,4nt)Au-194m	TALYS-6a	0	11
Hg-200(n,4nt)Au-194n	TALYS-6a	0	11
Hg-200(n,5nt)Au-193g	TALYS-6a	0	8
Hg-200(n,5nt)Au-193m	TALYS-6a	0	8
Hg-200(n,2nh)Pt-196	TALYS-6a	0 [8]	20
Hg-200(n,3nh)Pt-195g	TALYS-6a	0	14
Hg-200(n,3nh)Pt-195m	TALYS-6a	0	14
Hg-200(n,4nh)Pt-194	TALYS-6a	0 [8]	11
Hg-200(n,3n2p)Pt-196	TALYS-6a	0 [8]	14
Hg-200(n,3n2a)Os-190g	TALYS-6a	0 [4,8]	17
Hg-200(n,3n2a)Os-190m	TALYS-6a	0 [4,7,8,8]	16
Hg-200(n,3npa)Ir-193g	TALYS-6a	0	15
Hg-200(n,3npa)Ir-193m	TALYS-6a	0	15
Hg-200(n,n'pd)Pt-197g	TALYS-6a	0	20
Hg-200(n,n'pd)Pt-197m	TALYS-6a	0	19
Hg-200(n,n'pt)Pt-196	TALYS-6a	0 [8]	19
Hg-200(n,n'ta)Ir-193g	TALYS-6a	0	21
Hg-200(n,n'ta)Ir-193m	TALYS-6a	0	21
Hg-200(n,2n2p)Pt-197g	TALYS-6a	0	18
Hg-200(n,2n2p)Pt-197m	TALYS-6a	0	18
Hg-200(n,4n2p)Pt-195g	TALYS-6a	0	10
Hg-200(n,4n2p)Pt-195m	TALYS-6a	0	10
Hg-200(n,4n2a)Os-189g	TALYS-6a	0	13
Hg-200(n,4n2a)Os-189m	TALYS-6a	0	13
Hg-200(n,4npa)Ir-192g	TALYS-6a	0 [4]	12
Hg-200(n,4npa)Ir-192m	TALYS-6a	0 [4,7,8]	11
Hg-200(n,4npa)Ir-192n	TALYS-6a	0 [4,7,8]	11
Hg-201(n,2nd)Au-198g	TALYS-6a	0 [4,8]	25
Hg-201(n,2nd)Au-198m	TALYS-6a	0 [4,7,8,8]	24
Hg-201(n,2n)Hg-200	TALYS-6a	0	54
Hg-201(n,3n)Hg-199g	TALYS-6a	0	33
Hg-201(n,3n)Hg-199m	TALYS-6a	0	32
Hg-201(n,n'a)Pt-197g	TALYS-6a	0	100
Hg-201(n,n'a)Pt-197m	TALYS-6a	0	58
Hg-201(n,2na)Pt-196	TALYS-6a	0 [8]	39
Hg-201(n,3na)Pt-195g	TALYS-6a	0	27
Hg-201(n,3na)Pt-195m	TALYS-6a	0	27
Hg-201(n,n'p)Au-200g	TALYS-6a	0 [4,8]	43
Hg-201(n,n'p)Au-200m	TALYS-6a	0 [4,7,8,8]	42
Hg-201(n,n'2a)Os-193	TALYS-6a	0	100
Hg-201(n,2n2a)Os-192g	TALYS-6a	0 [4,8]	25
Hg-201(n,2n2a)Os-192m	TALYS-6a	0 [4,7,8,8]	24
Hg-201(n,n'd)Au-199	TALYS-6a	0 [8]	33
Hg-201(n,n't)Au-198g	TALYS-6a	0 [4,8]	31
Hg-201(n,n't)Au-198m	TALYS-6a	0 [4,7,8,8]	30
Hg-201(n,n'h)Pt-198	TALYS-6a	0 [8]	27
Hg-201(n,4n)Hg-198	TALYS-6a	0	25
Hg-201(n,2np)Au-199	TALYS-6a	0 [8]	31
Hg-201(n,3np)Au-198g	TALYS-6a	0 [4,8]	23
Hg-201(n,3np)Au-198m	TALYS-6a	0 [4,7,8,8]	22
Hg-201(n,n'2p)Pt-199g	TALYS-6a	0 [4,8]	25
Hg-201(n,n'2p)Pt-199m	TALYS-6a	0 [4,7,8,8]	24
Hg-201(n,n'pa)Ir-196g	TALYS-6a	0	26
Hg-201(n,n'pa)Ir-196m	TALYS-6a	0	26
Hg-201(n,g)Hg-202	LANL-2000	4 [14,13,10]	699
Hg-201(n,p)Au-201	ADL-3	2 [13]	44
Hg-201(n,d)Au-200g	TALYS-6a	0 [4,8]	47
Hg-201(n,d)Au-200m	TALYS-6a	0 [4,7,8,8]	46
Hg-201(n,t)Au-199	TALYS-6a	0 [8]	45
Hg-201(n,h)Pt-199g	TALYS-6a	0 [4,8]	34
Hg-201(n,h)Pt-199m	TALYS-6a	0 [4,7,8,8]	33
Hg-201(n,a)Pt-198	TALYS-6a	0 [9,2,3]	732
Hg-201(n,2a)Os-194	TALYS-6a	0	100
Hg-201(n,2p)Pt-200	TALYS-6a	0 [8]	34
Hg-201(n,pa)Ir-197g	TALYS-6a	0	38
Hg-201(n,pa)Ir-197m	TALYS-6a	0	38
Hg-201(n,pd)Pt-199g	TALYS-6a	0 [4,8]	26
Hg-201(n,pd)Pt-199m	TALYS-6a	0 [4,7,8,8]	25
Hg-201(n,5n)Hg-197g	TALYS-6a	0	17
Hg-201(n,5n)Hg-197m	TALYS-6a	0	17
Hg-201(n,6n)Hg-196	TALYS-6a	0	13
Hg-201(n,2nt)Au-197g	TALYS-6a	0	24
Hg-201(n,2nt)Au-197m	TALYS-6a	0	23
Hg-201(n,ta)Ir-195g	TALYS-6a	0	29
Hg-201(n,ta)Ir-195m	TALYS-6a	0	29
Hg-201(n,4np)Au-197g	TALYS-6a	0	17
Hg-201(n,4np)Au-197m	TALYS-6a	0	16
Hg-201(n,3nd)Au-197g	TALYS-6a	0	18
Hg-201(n,3nd)Au-197m	TALYS-6a	0	18
Hg-201(n,n'da)Ir-195g	TALYS-6a	0	23
Hg-201(n,n'da)Ir-195m	TALYS-6a	0	23
Hg-201(n,2npa)Ir-195g	TALYS-6a	0	22
Hg-201(n,2npa)Ir-195m	TALYS-6a	0	21
Hg-201(n,7n)Hg-195g	TALYS-6a	0	9
Hg-201(n,7n)Hg-195m	TALYS-6a	0	9
Hg-201(n,8n)Hg-194	TALYS-6a	0	5
Hg-201(n,5np)Au-196g	TALYS-6a	0 [4]	13
Hg-201(n,5np)Au-196m	TALYS-6a	0 [4,7,8]	13
Hg-201(n,5np)Au-196n	TALYS-6a	0 [4,7,8]	12
Hg-201(n,6np)Au-195g	TALYS-6a	0	9
Hg-201(n,6np)Au-195m	TALYS-6a	0	9
Hg-201(n,4na)Pt-194	TALYS-6a	0 [8]	21
Hg-201(n,5na)Pt-193g	TALYS-6a	0	14
Hg-201(n,5na)Pt-193m	TALYS-6a	0	14
Hg-201(n,6na)Pt-192	TALYS-6a	0 [8]	11
Hg-201(n,7na)Pt-191	TALYS-6a	0 [8]	7
Hg-201(n,4nd)Au-196g	TALYS-6a	0 [4]	13
Hg-201(n,4nd)Au-196m	TALYS-6a	0 [4,7,8]	13
Hg-201(n,4nd)Au-196n	TALYS-6a	0 [4,7,8]	12
Hg-201(n,5nd)Au-195g	TALYS-6a	0	10
Hg-201(n,5nd)Au-195m	TALYS-6a	0	10
Hg-201(n,6nd)Au-194g	TALYS-6a	0	6
Hg-201(n,6nd)Au-194m	TALYS-6a	0	6
Hg-201(n,6nd)Au-194n	TALYS-6a	0	5
Hg-201(n,3nt)Au-196g	TALYS-6a	0 [4]	16
Hg-201(n,3nt)Au-196m	TALYS-6a	0 [4,7,8]	16
Hg-201(n,3nt)Au-196n	TALYS-6a	0 [4,7,8]	15
Hg-201(n,4nt)Au-195g	TALYS-6a	0	13
Hg-201(n,4nt)Au-195m	TALYS-6a	0	12
Hg-201(n,5nt)Au-194g	TALYS-6a	0	8
Hg-201(n,5nt)Au-194m	TALYS-6a	0	8
Hg-201(n,5nt)Au-194n	TALYS-6a	0	8
Hg-201(n,2nh)Pt-197g	TALYS-6a	0	20
Hg-201(n,2nh)Pt-197m	TALYS-6a	0	20
Hg-201(n,3nh)Pt-196	TALYS-6a	0 [8]	15
Hg-201(n,4nh)Pt-195g	TALYS-6a	0	11
Hg-201(n,4nh)Pt-195m	TALYS-6a	0	11
Hg-201(n,3n2p)Pt-197g	TALYS-6a	0	14
Hg-201(n,3n2p)Pt-197m	TALYS-6a	0	14
Hg-201(n,3n2a)Os-191g	TALYS-6a	0	17
Hg-201(n,3n2a)Os-191m	TALYS-6a	0	16
Hg-201(n,3npa)Ir-194g	TALYS-6a	0 [4,8]	15
Hg-201(n,3npa)Ir-194m	TALYS-6a	0 [4,7,8,8]	14
+Hg-201(n,3npa)Ir-194n	TALYS-6a	0 [4,7,8,8]	14
Hg-201(n,n'pd)Pt-198	TALYS-6a	0 [8]	21
>Hg-201(n,n'ta)Ir-194g	TALYS-6a	0 [4,8]	20
>Hg-201(n,n'ta)Ir-194m	TALYS-6a	0 [4,7,8,8]	19
+Hg-201(n,n'ta)Ir-194n	TALYS-6a	0 [4,7,8,8]	19
Hg-201(n,2n2p)Pt-198	TALYS-6a	0 [8]	19
Hg-201(n,4n2p)Pt-196	TALYS-6a	0 [8]	11
Hg-201(n,4n2a)Os-190g	TALYS-6a	0 [4,8]	13
Hg-201(n,4n2a)Os-190m	TALYS-6a	0 [4,7,8,8]	12
Hg-201(n,4npa)Ir-193g	TALYS-6a	0	12
Hg-201(n,4npa)Ir-193m	TALYS-6a	0	12
Hg-202(n,2nd)Au-199	TALYS-6a	0 [8]	25
Hg-202(n,2n)Hg-201	TALYS-6a	0	47
Hg-202(n,3n)Hg-200	TALYS-6a	0	33
Hg-202(n,n'a)Pt-198	TALYS-6a	0	100
Hg-202(n,2na)Pt-197g	TALYS-6a	0	36
Hg-202(n,2na)Pt-197m	TALYS-6a	0	35
Hg-202(n,3na)Pt-196	TALYS-6a	0 [8]	27
Hg-202(n,n'p)Au-201	TALYS-6a	0 [8,7,8]	42
Hg-202(n,n'2a)Os-194	TALYS-6a	0	100
Hg-202(n,2n2a)Os-193	TALYS-6a	0 [8]	21
Hg-202(n,n'd)Au-200g	TALYS-6a	0 [4,8]	31
Hg-202(n,n'd)Au-200m	TALYS-6a	0 [4,7,8,8]	30
Hg-202(n,n't)Au-199	TALYS-6a	0 [8]	30
Hg-202(n,n'h)Pt-199g	TALYS-6a	0	25
Hg-202(n,n'h)Pt-199m	TALYS-6a	0	25
Hg-202(n,4n)Hg-199g	TALYS-6a	0	24
Hg-202(n,4n)Hg-199m	TALYS-6a	0	24
Hg-202(n,2np)Au-200g	TALYS-6a	0 [4,8]	30
Hg-202(n,2np)Au-200m	TALYS-6a	0 [4,7,8,8]	28
Hg-202(n,3np)Au-199	TALYS-6a	0 [8]	23
Hg-202(n,n'2p)Pt-200	TALYS-6a	0 [8]	24
Hg-202(n,n'pa)Ir-197g	TALYS-6a	0	26
Hg-202(n,n'pa)Ir-197m	TALYS-6a	0	26
Hg-202(n,g)Hg-203	SIGECN-MASGAM	4 [14,13]	535
Hg-202(n,p)Au-202	TALYS-6a	0 [2,8]	68
Hg-202(n,d)Au-201	TALYS-6a	0 [8,7,8]	45
Hg-202(n,t)Au-200g	TALYS-6a	0 [4,8]	42
Hg-202(n,t)Au-200m	TALYS-6a	0 [4,7,8,8]	41
Hg-202(n,h)Pt-200	TALYS-6a	0 [8]	33
Hg-202(n,a)Pt-199g	TALYS-6a	0	100
Hg-202(n,a)Pt-199m	TALYS-6a	0	100
Hg-202(n,2p)Pt-201	TALYS-6a	0 [8,7,8]	27
Hg-202(n,pd)Pt-200	TALYS-6a	0 [8]	26
Hg-202(n,da)Ir-197g	TALYS-6a	0	27
Hg-202(n,da)Ir-197m	TALYS-6a	0	27
Hg-202(n,5n)Hg-198	TALYS-6a	0	18
Hg-202(n,6n)Hg-197g	TALYS-6a	0	13
Hg-202(n,6n)Hg-197m	TALYS-6a	0	13
Hg-202(n,2nt)Au-198g	TALYS-6a	0 [4,8]	23
Hg-202(n,2nt)Au-198m	TALYS-6a	0 [4,7,8,8]	22

Reaction	Library			
Hg-202(n,4np)Au-198g	TALYS-6a	0	[4,8]	16
Hg-202(n,4np)Au-198m	TALYS-6a	0	[4,7,8,8]	14
Hg-202(n,3nd)Au-198g	TALYS-6a	0	[4,8]	17
Hg-202(n,3nd)Au-198m	TALYS-6a	0	[4,7,8,8]	16
Hg-202(n,2npa)Ir-196g	TALYS-6a	0		19
Hg-202(n,2npa)Ir-196m	TALYS-6a	0		18
Hg-202(n,7n)Hg-196	TALYS-6a	0		9
Hg-202(n,8n)Hg-195g	TALYS-6a	0		5
Hg-202(n,8n)Hg-195m	TALYS-6a	0		5
Hg-202(n,5np)Au-197g	TALYS-6a	0		13
Hg-202(n,5np)Au-197m	TALYS-6a	0		13
Hg-202(n,6np)Au-196g	TALYS-6a	0	[4]	9
Hg-202(n,6np)Au-196m	TALYS-6a	0	[4,7,8]	9
Hg-202(n,6np)Au-196n	TALYS-6a	0	[4,7,8]	8
Hg-202(n,4na)Pt-195g	TALYS-6a	0		19
Hg-202(n,4na)Pt-195m	TALYS-6a	0		19
Hg-202(n,5na)Pt-194	TALYS-6a	0	[8]	15
Hg-202(n,6na)Pt-193g	TALYS-6a	0		10
Hg-202(n,6na)Pt-193m	TALYS-6a	0		10
Hg-202(n,7na)Pt-192	TALYS-6a	0	[8]	7
Hg-202(n,4nd)Au-197g	TALYS-6a	0		13
Hg-202(n,4nd)Au-197m	TALYS-6a	0		13
Hg-202(n,5nd)Au-196g	TALYS-6a	0	[4]	9
Hg-202(n,5nd)Au-196m	TALYS-6a	0	[4,7,8]	9
Hg-202(n,5nd)Au-196n	TALYS-6a	0	[4,7,8]	8
Hg-202(n,6nd)Au-195g	TALYS-6a	0		6
Hg-202(n,6nd)Au-195m	TALYS-6a	0		6
Hg-202(n,3nt)Au-197g	TALYS-6a	0		16
Hg-202(n,3nt)Au-197m	TALYS-6a	0		16
Hg-202(n,4nt)Au-196g	TALYS-6a	0	[4]	12
Hg-202(n,4nt)Au-196m	TALYS-6a	0	[4,7,8]	12
Hg-202(n,4nt)Au-196n	TALYS-6a	0	[4,7,8]	11
Hg-202(n,5nt)Au-195g	TALYS-6a	0		9
Hg-202(n,5nt)Au-195m	TALYS-6a	0		8
Hg-202(n,2nh)Pt-198	TALYS-6a	0	[8]	20
Hg-202(n,3nh)Pt-197g	TALYS-6a	0		14
Hg-202(n,3nh)Pt-197m	TALYS-6a	0		14
Hg-202(n,4nh)Pt-196	TALYS-6a	0	[8]	11
Hg-202(n,3n2p)Pt-198	TALYS-6a	0	[8]	14
Hg-202(n,3n2a)Os-192g	TALYS-6a	0	[4,8]	16
Hg-202(n,3n2a)Os-192m	TALYS-6a	0	[4,7,8,8]	15
Hg-202(n,3npa)Ir-195g	TALYS-6a	0		15
Hg-202(n,3npa)Ir-195m	TALYS-6a	0		15
Hg-202(n,n'pd)Pt-199g	TALYS-6a	0		18
Hg-202(n,n'pd)Pt-199m	TALYS-6a	0		18
Hg-202(n,n'ta)Ir-195g	TALYS-6a	0		20
Hg-202(n,n'ta)Ir-195m	TALYS-6a	0		20
Hg-202(n,2n2p)Pt-199g	TALYS-6a	0		17
Hg-202(n,2n2p)Pt-199m	TALYS-6a	0		17
Hg-202(n,4n2p)Pt-197g	TALYS-6a	0		10
Hg-202(n,4n2p)Pt-197m	TALYS-6a	0		10
Hg-202(n,4n2a)Os-191g	TALYS-6a	0		12
Hg-202(n,4n2a)Os-191m	TALYS-6a	0		12
Hg-202(n,4npa)Ir-194g	TALYS-6a	0	[4,8]	11
Hg-202(n,4npa)Ir-194m	TALYS-6a	0	[4,7,8,8]	10
+Hg-202(n,4npa)Ir-194n	TALYS-6a	0	[4,7,8,8]	10
Hg-203(n,2nd)Au-200g	TALYS-6a	0	[4,8]	25
Hg-203(n,2nd)Au-200m	TALYS-6a	0	[4,7,8,8]	24
Hg-203(n,2n)Hg-202	TALYS-6a	0		55
Hg-203(n,3n)Hg-201	TALYS-6a	0		34
Hg-203(n,n'a)Pt-199g	TALYS-6a	0		56
Hg-203(n,n'a)Pt-199m	TALYS-6a	0		54
Hg-203(n,2na)Pt-198	TALYS-6a	0	[8]	38
Hg-203(n,3na)Pt-197g	TALYS-6a	0		27
Hg-203(n,3na)Pt-197m	TALYS-6a	0		27
Hg-203(n,n'p)Au-202	TALYS-6a	0	[8]	42
Hg-203(n,2n2a)Os-194	TALYS-6a	0	[8]	22
Hg-203(n,n'd)Au-201	TALYS-6a	0	[8,7,8]	33
Hg-203(n,n't)Au-200g	TALYS-6a	0	[4,8]	31
Hg-203(n,n't)Au-200m	TALYS-6a	0	[4,7,8,8]	30
Hg-203(n,n'h)Pt-200	TALYS-6a	0	[8]	26
Hg-203(n,4n)Hg-200	TALYS-6a	0		26
Hg-203(n,2np)Au-201	TALYS-6a	0	[8,7,8]	31
Hg-203(n,3np)Au-200g	TALYS-6a	0	[4,8]	23
Hg-203(n,3np)Au-200m	TALYS-6a	0	[4,7,8,8]	22
Hg-203(n,n'2p)Pt-201	TALYS-6a	0	[8,7,8]	23
Hg-203(n,n'pa)Ir-198	TALYS-6a	0	[8]	23
Hg-203(n,g)Hg-204	MASGAM	2	[14,13]	83
Hg-203(n,p)Au-203	TALYS-6a	0	[2,8,7,8]	73
Hg-203(n,d)Au-202	TALYS-6a	0	[8]	45
Hg-203(n,t)Au-201	TALYS-6a	0	[8,7,8]	45
Hg-203(n,h)Pt-201	TALYS-6a	0	[8,7,8]	30
Hg-203(n,a)Pt-200	TALYS-6a	0	[2]	100
Hg-203(n,2a)Os-196	TALYS-6	0		100
Hg-203(n,2p)Pt-202	TALYS-6a	0	[8,7,8]	28
Hg-203(n,pd)Pt-201	TALYS-6a	0	[8,7,8]	25
Hg-203(n,5n)Hg-199g	TALYS-6a	0		18
Hg-203(n,5n)Hg-199m	TALYS-6a	0		18
Hg-203(n,6n)Hg-198	TALYS-6a	0		14
Hg-203(n,2nt)Au-199	TALYS-6a	0	[8]	24
Hg-203(n,ta)Ir-197g	TALYS-6a	0		27
Hg-203(n,ta)Ir-197m	TALYS-6a	0		27
Hg-203(n,4np)Au-199	TALYS-6a	0	[8]	17
Hg-203(n,3nd)Au-199	TALYS-6a	0	[8]	18
Hg-203(n,n'da)Ir-197g	TALYS-6a	0		21
Hg-203(n,n'da)Ir-197m	TALYS-6a	0		21
Hg-203(n,2npa)Ir-197g	TALYS-6a	0		20
Hg-203(n,2npa)Ir-197m	TALYS-6a	0		20
Hg-203(n,7n)Hg-197g	TALYS-6a	0		10
Hg-203(n,7n)Hg-197m	TALYS-6a	0		10
Hg-203(n,8n)Hg-196	TALYS-6a	0		6
Hg-203(n,5np)Au-198g	TALYS-6a	0	[4,8]	13
Hg-203(n,5np)Au-198m	TALYS-6a	0	[4,7,8,8]	11
Hg-203(n,6np)Au-197g	TALYS-6a	0		10
Hg-203(n,6np)Au-197m	TALYS-6a	0		9
Hg-203(n,7np)Au-196g	TALYS-6a	0	[4]	6
Hg-203(n,7np)Au-196m	TALYS-6a	0	[4,7,8]	6
Hg-203(n,7np)Au-196n	TALYS-6a	0	[4,7,8]	5
Hg-203(n,4na)Pt-196	TALYS-6a	0	[8]	21
Hg-203(n,5na)Pt-195g	TALYS-6a	0		15
Hg-203(n,5na)Pt-195m	TALYS-6a	0		15
Hg-203(n,6na)Pt-194	TALYS-6a	0	[8]	11
Hg-203(n,7na)Pt-193g	TALYS-6a	0		7
Hg-203(n,7na)Pt-193m	TALYS-6a	0		7
Hg-203(n,4nd)Au-198g	TALYS-6a	0	[4,8]	14
Hg-203(n,4nd)Au-198m	TALYS-6a	0	[4,7,8,8]	12
Hg-203(n,5nd)Au-197g	TALYS-6a	0		10
Hg-203(n,5nd)Au-197m	TALYS-6a	0		10
Hg-203(n,6nd)Au-196g	TALYS-6a	0	[4]	6
Hg-203(n,6nd)Au-196m	TALYS-6a	0	[4,7,8]	6
Hg-203(n,6nd)Au-196n	TALYS-6a	0	[4,7,8]	5
Hg-203(n,3nt)Au-198g	TALYS-6a	0	[4,8]	16
Hg-203(n,3nt)Au-198m	TALYS-6a	0	[4,7,8,8]	15
Hg-203(n,4nt)Au-197g	TALYS-6a	0		13
Hg-203(n,4nt)Au-197m	TALYS-6a	0		13
Hg-203(n,5nt)Au-196g	TALYS-6a	0	[4]	9
Hg-203(n,5nt)Au-196m	TALYS-6a	0	[4,7,8]	9
Hg-203(n,5nt)Au-196n	TALYS-6a	0	[4,7,8]	8
Hg-203(n,6nt)Au-195g	TALYS-6a	0		5
Hg-203(n,6nt)Au-195m	TALYS-6a	0		5
Hg-203(n,2nh)Pt-199g	TALYS-6a	0		19
Hg-203(n,2nh)Pt-199m	TALYS-6a	0		19
Hg-203(n,3nh)Pt-198	TALYS-6a	0	[8]	15
Hg-203(n,4nh)Pt-197g	TALYS-6a	0		11
Hg-203(n,4nh)Pt-197m	TALYS-6a	0		11
Hg-203(n,3n2p)Pt-199g	TALYS-6a	0		14
Hg-203(n,3n2p)Pt-199m	TALYS-6a	0		14
Hg-203(n,3n2a)Os-193	TALYS-6a	0	[8]	16
Hg-203(n,3npa)Ir-196g	TALYS-6a	0		15
Hg-203(n,3npa)Ir-196m	TALYS-6a	0		14
Hg-203(n,n'pd)Pt-200	TALYS-6a	0	[8]	19
Hg-203(n,2n2p)Pt-200	TALYS-6a	0	[8]	18
Hg-203(n,4n2p)Pt-198	TALYS-6a	0	[8]	11
Hg-203(n,4n2a)Os-192g	TALYS-6a	0	[4,8]	13
Hg-203(n,4n2a)Os-192m	TALYS-6a	0	[4,7,8,8]	12
Hg-203(n,4npa)Ir-195g	TALYS-6a	0		12
Hg-203(n,4npa)Ir-195m	TALYS-6a	0		12
Hg-204(n,2nd)Au-201	TALYS-6a	0	[8,7,8]	25
Hg-204(n,2n)Hg-203	TALYS-5a	4	[3]	48
Hg-204(n,3n)Hg-202	TALYS-6a	0		34
Hg-204(n,n'a)Pt-200	TALYS-6a	0	[8]	55
Hg-204(n,2na)Pt-199g	TALYS-6a	0		35
Hg-204(n,2na)Pt-199m	TALYS-6a	0		34
Hg-204(n,3na)Pt-198	TALYS-6a	0	[8]	27
Hg-204(n,n'p)Au-203	TALYS-6a	0	[8,7,8]	41
Hg-204(n,n'2a)Os-196	TALYS-6a	0	[8]	26
Hg-204(n,n'd)Au-202	TALYS-6a	0	[8]	31
Hg-204(n,n't)Au-201	TALYS-6a	0	[8,7,8]	30
Hg-204(n,n'h)Pt-201	TALYS-6a	0	[8,7,8]	24
Hg-204(n,4n)Hg-201	TALYS-6a	0		25
Hg-204(n,2np)Au-202	TALYS-6a	0	[8]	29
Hg-204(n,3np)Au-201	TALYS-6a	0	[8,7,8]	23
Hg-204(n,n'2p)Pt-202	TALYS-6a	0	[8,7,8]	23
Hg-204(n,n'pa)Ir-199	TALYS-6a	0	[8,7,8]	24
Hg-204(n,g)Hg-205	MASGAM	4	[14,13,12]	110
Hg-204(n,p)Au-204	TALYS-6a	2	[2,8,7,8]	63
Hg-204(n,d)Au-203	TALYS-6a	0	[8,7,8]	44
Hg-204(n,t)Au-202	TALYS-6a	0	[8]	42
Hg-204(n,h)Pt-202	TALYS-6a	0	[8,7,8]	30
Hg-204(n,a)Pt-201	TALYS-6a	0		100
Hg-204(n,2p)Pt-203	TALYS-6a	0	[8,7,8]	26
Hg-204(n,pd)Pt-202	TALYS-6a	0	[8,7,8]	24
Hg-204(n,da)Ir-199	TALYS-6a	0	[8,7,8]	25
Hg-204(n,5n)Hg-200	TALYS-6a	0		19
Hg-204(n,6n)Hg-199g	TALYS-6a	0		14
Hg-204(n,6n)Hg-199m	TALYS-6a	0		13
Hg-204(n,2nt)Au-200g	TALYS-6a	0	[4,8]	23
Hg-204(n,2nt)Au-200m	TALYS-6a	0	[4,7,8,8]	22
Hg-204(n,4np)Au-200g	TALYS-6a	0	[4,8]	16
Hg-204(n,4np)Au-200m	TALYS-6a	0	[4,7,8,8]	14
Hg-204(n,3nd)Au-200g	TALYS-6a	0	[4,8]	17
Hg-204(n,3nd)Au-200m	TALYS-6a	0	[4,7,8,8]	16
Hg-204(n,2npa)Ir-198	TALYS-6a	0	[8]	18
Hg-204(n,7n)Hg-198	TALYS-6a	0		10
Hg-204(n,8n)Hg-197g	TALYS-6a	0		6
Hg-204(n,8n)Hg-197m	TALYS-6a	0		6
Hg-204(n,5np)Au-199	TALYS-6a	0	[8]	13
Hg-204(n,6np)Au-198g	TALYS-6a	0	[4,8]	9
Hg-204(n,6np)Au-198m	TALYS-6a	0	[4,7,8,8]	8
Hg-204(n,4na)Pt-197g	TALYS-6a	0		19
Hg-204(n,4na)Pt-197m	TALYS-6a	0		19
Hg-204(n,5na)Pt-196	TALYS-6a	0	[8]	15
Hg-204(n,6na)Pt-195g	TALYS-6a	0		11
Hg-204(n,6na)Pt-195m	TALYS-6a	0		11
Hg-204(n,7na)Pt-194	TALYS-6a	0	[8]	8
Hg-204(n,4nd)Au-199	TALYS-6a	0	[8]	14
Hg-204(n,5nd)Au-198g	TALYS-6a	0	[4,8]	10
Hg-204(n,5nd)Au-198m	TALYS-6a	0	[4,7,8,8]	9
Hg-204(n,6nd)Au-197g	TALYS-6a	0		7
Hg-204(n,6nd)Au-197m	TALYS-6a	0		6
Hg-204(n,3nt)Au-199	TALYS-6a	0	[8]	16
Hg-204(n,4nt)Au-198g	TALYS-6a	0	[4,8]	13
Hg-204(n,4nt)Au-198m	TALYS-6a	0	[4,7,8,8]	12
Hg-204(n,5nt)Au-197g	TALYS-6a	0		9
Hg-204(n,5nt)Au-197m	TALYS-6a	0		9
Hg-204(n,6nt)Au-196g	TALYS-6a	0	[4]	5
Hg-204(n,6nt)Au-196m	TALYS-6a	0	[4,7,8]	5
Hg-204(n,6nt)Au-196n	TALYS-6a	0	[4,7,8]	4
Hg-204(n,2nh)Pt-200	TALYS-6a	0	[8]	19
Hg-204(n,3nh)Pt-199g	TALYS-6a	0		14
Hg-204(n,3nh)Pt-199m	TALYS-6a	0		14
Hg-204(n,4nh)Pt-198	TALYS-6a	0	[8]	11
Hg-204(n,3n2p)Pt-200	TALYS-6a	0	[8]	14
Hg-204(n,3n2a)Os-194	TALYS-6a	0	[8]	15
Hg-204(n,3npa)Ir-197g	TALYS-6a	0		14
Hg-204(n,3npa)Ir-197m	TALYS-6a	0		14
Hg-204(n,n'pd)Pt-201	TALYS-6a	0	[8,7,8]	17
Hg-204(n,n'ta)Ir-197g	TALYS-6a	0		19

Hg-204(n,n'ta)Ir-197m	TALYS-6a	0		19
Hg-204(n,2n2p)Pt-201	TALYS-6a	0 [8,7,8]		16
Hg-204(n,4n2p)Pt-199g	TALYS-6a	0		10
Hg-204(n,4n2p)Pt-199m	TALYS-6a	0		10
Hg-204(n,4n2a)Os-193	TALYS-6a	0 [8]		11
Hg-204(n,4npa)Ir-196g	TALYS-6a	0		11
Hg-204(n,4npa)Ir-196m	TALYS-6a	0		10
Tl-199(n,2nd)Hg-196	TALYS-6a	0 [8]		27
Tl-199(n,2n)Tl-198g	TALYS-6a	0		44
Tl-199(n,2n)Tl-198m	TALYS-6a	0		43
Tl-199(n,3n)Tl-197g	TALYS-6a	0		31
Tl-199(n,3n)Tl-197m	TALYS-6a	0		30
Tl-199(n,n'a)Au-195g	TALYS-6a	0		100
Tl-199(n,n'a)Au-195m	TALYS-6a	0		100
Tl-199(n,2na)Au-194g	TALYS-6a	0		38
Tl-199(n,2na)Au-194m	TALYS-6a	0		38
Tl-199(n,2na)Au-194n	TALYS-6a	0		37
Tl-199(n,3na)Au-193g	TALYS-6a	0		28
Tl-199(n,3na)Au-193m	TALYS-6a	0		27
Tl-199(n,n'p)Hg-198	TALYS-6a	0 [8]		57
Tl-199(n,n'2a)Ir-191g	TALYS-6a	0 [4]		100
Tl-199(n,n'2a)Ir-191m	TALYS-6a	0 [4,7]		100
Tl-199(n,n'2a)Ir-191n	TALYS-6a	0 [7,4,7]		100
Tl-199(n,2n2a)Ir-190g	TALYS-6a	0 [4]		26
Tl-199(n,2n2a)Ir-190m	TALYS-6a	0 [4,7,8]		25
Tl-199(n,2n2a)Ir-190n	TALYS-6a	0 [4,7,8]		25
Tl-199(n,n'd)Hg-197g	TALYS-6a	0		35
Tl-199(n,n'd)Hg-197m	TALYS-6a	0		35
Tl-199(n,n't)Hg-196	TALYS-6a	0 [8]		33
Tl-199(n,n'h)Au-196g	TALYS-6a	0 [4]		28
Tl-199(n,n'h)Au-196m	TALYS-6a	0 [4,7,8]		27
Tl-199(n,n'h)Au-196n	TALYS-6a	0 [4,7,8]		27
Tl-199(n,4n)Tl-196g	TALYS-6a	0		22
Tl-199(n,4n)Tl-196m	TALYS-6a	0		21
Tl-199(n,2np)Hg-197g	TALYS-6a	0		33
Tl-199(n,2np)Hg-197m	TALYS-6a	0		32
Tl-199(n,3np)Hg-196	TALYS-6a	0 [8]		25
Tl-199(n,n'2p)Au-197g	TALYS-6a	0		29
Tl-199(n,n'2p)Au-197m	TALYS-6a	0		29
Tl-199(n,n'pa)Pt-194	TALYS-6a	0 [8]		35
Tl-199(n,g)Tl-200	TALYS-6a	0 [14]		100
Tl-199(n,p)Hg-199g	TALYS-6a	0 [2]		100
Tl-199(n,p)Hg-199m	TALYS-6a	0 [2]		100
Tl-199(n,d)Hg-198	TALYS-6a	0 [8]		64
Tl-199(n,t)Hg-197g	TALYS-6a	0		50
Tl-199(n,t)Hg-197m	TALYS-6a	0		49
Tl-199(n,h)Au-197g	TALYS-6a	0		41
Tl-199(n,h)Au-197m	TALYS-6a	0		40
Tl-199(n,a)Au-196g	TALYS-6a	0 [4,2]		100
Tl-199(n,a)Au-196m	TALYS-6a	0 [4,7,2]		100
Tl-199(n,a)Au-196n	TALYS-6a	0 [7,4,7,2]		100
Tl-199(n,2p)Au-198g	TALYS-6a	0 [4,8]		40
Tl-199(n,2p)Au-198m	TALYS-6a	0 [4,7,8,8]		39
Tl-199(n,pd)Au-197g	TALYS-6a	0		30
Tl-199(n,pd)Au-197m	TALYS-6a	0		30
Tl-199(n,5n)Tl-195g	TALYS-6a	0		15
Tl-199(n,5n)Tl-195m	TALYS-6a	0		15
Tl-199(n,6n)Tl-194g	TALYS-6a	0 [4]		11
Tl-199(n,6n)Tl-194m	TALYS-6a	0 [4,7,8]		9
Tl-199(n,2nt)Hg-195g	TALYS-6a	0		23
Tl-199(n,2nt)Hg-195m	TALYS-6a	0		23
Tl-199(n,4np)Hg-195g	TALYS-6a	0		16
Tl-199(n,4np)Hg-195m	TALYS-6a	0		16
Tl-199(n,3nd)Hg-195g	TALYS-6a	0		18
Tl-199(n,3nd)Hg-195m	TALYS-6a	0		18
Tl-199(n,n'da)Pt-193g	TALYS-6a	0		25
Tl-199(n,n'da)Pt-193m	TALYS-6a	0		25
Tl-199(n,2npa)Pt-193g	TALYS-6a	0		25
Tl-199(n,2npa)Pt-193m	TALYS-6a	0		25
Tl-199(n,7n)Tl-193g	TALYS-6a	0 [4]		7
Tl-199(n,7n)Tl-193m	TALYS-6a	0 [4,7,8]		6
Tl-199(n,5np)Hg-194	TALYS-6a	0 [8]		13
Tl-199(n,6np)Hg-193g	TALYS-6a	0		8
Tl-199(n,6np)Hg-193m	TALYS-6a	0		8
Tl-199(n,4na)Au-192g	TALYS-6a	0 [4,8]		19
Tl-199(n,4na)Au-192m	TALYS-6a	0 [4,7,8,8]		18
Tl-199(n,4na)Au-192n	TALYS-6a	0 [4,7,8,8]		18
Tl-199(n,5na)Au-191g	TALYS-6a	0		14
Tl-199(n,5na)Au-191m	TALYS-6a	0		14
Tl-199(n,6na)Au-190	TALYS-6a	0 [8]		9
Tl-199(n,4nd)Hg-194	TALYS-6a	0 [8]		14
Tl-199(n,5nd)Hg-193g	TALYS-6a	0		9
Tl-199(n,5nd)Hg-193m	TALYS-6a	0		9
Tl-199(n,3nt)Hg-194	TALYS-6a	0 [8]		16
Tl-199(n,4nt)Hg-193g	TALYS-6a	0		12
Tl-199(n,4nt)Hg-193m	TALYS-6a	0		11
Tl-199(n,5nt)Hg-192	TALYS-6a	0 [8]		8
Tl-199(n,2nh)Au-195g	TALYS-6a	0		21
Tl-199(n,2nh)Au-195m	TALYS-6a	0		21
Tl-199(n,3nh)Au-194g	TALYS-6a	0		15
Tl-199(n,3nh)Au-194m	TALYS-6a	0		15
Tl-199(n,3nh)Au-194n	TALYS-6a	0		15
Tl-199(n,4nh)Au-193g	TALYS-6a	0		11
Tl-199(n,4nh)Au-193m	TALYS-6a	0		11
Tl-199(n,3n2p)Au-195g	TALYS-6a	0		15
Tl-199(n,3n2p)Au-195m	TALYS-6a	0		15
Tl-199(n,3n2a)Ir-189	TALYS-6a	0 [8]		20
Tl-199(n,3npa)Pt-192	TALYS-6a	0 [8]		18
Tl-199(n,n'pd)Au-196g	TALYS-6a	0 [4]		22
Tl-199(n,n'pd)Au-196m	TALYS-6a	0 [4,7,8]		21
Tl-199(n,n'pd)Au-196n	TALYS-6a	0 [4,7,8]		21
Tl-199(n,n'pt)Au-195g	TALYS-6a	0		21
Tl-199(n,n'pt)Au-195m	TALYS-6a	0		21
Tl-199(n,n'dt)Au-194g	TALYS-6a	0		15
Tl-199(n,n'dt)Au-194m	TALYS-6a	0		15
Tl-199(n,n'dt)Au-194n	TALYS-6a	0		14
Tl-199(n,n'ph)Pt-195g	TALYS-6a	0		16
Tl-199(n,n'ph)Pt-195m	TALYS-6a	0		16
Tl-199(n,n'ta)Pt-192	TALYS-6a	0 [8]		25
Tl-199(n,2n2p)Au-196g	TALYS-6a	0 [4]		21
Tl-199(n,2n2p)Au-196m	TALYS-6a	0 [4,7,8]		20
Tl-199(n,2n2p)Au-196n	TALYS-6a	0 [4,7,8]		20
Tl-199(n,4n2p)Au-194g	TALYS-6a	0		11
Tl-199(n,4n2p)Au-194m	TALYS-6a	0		11
Tl-199(n,4n2p)Au-194n	TALYS-6a	0		11
Tl-199(n,4n2a)Ir-188	TALYS-6a	0 [8]		13
Tl-199(n,4npa)Pt-191	TALYS-6a	0 [8]		13
Tl-200(n,2nd)Hg-197g	TALYS-6a	0		26
Tl-200(n,2nd)Hg-197m	TALYS-6a	0		26
Tl-200(n,2n)Tl-199	TALYS-6a	0		50
Tl-200(n,3n)Tl-198g	TALYS-6a	0		31
Tl-200(n,3n)Tl-198m	TALYS-6a	0		30
Tl-200(n,n'a)Au-196g	TALYS-6a	0 [4]		100
Tl-200(n,n'a)Au-196m	TALYS-6a	0 [4,7]		100
Tl-200(n,n'a)Au-196n	TALYS-6a	0 [7,4,7]		100
Tl-200(n,2na)Au-195g	TALYS-6a	0		41
Tl-200(n,2na)Au-195m	TALYS-6a	0		40
Tl-200(n,3na)Au-194g	TALYS-6a	0		27
Tl-200(n,3na)Au-194m	TALYS-6a	0		27
Tl-200(n,3na)Au-194n	TALYS-6a	0		27
Tl-200(n,n'p)Hg-199g	TALYS-6a	0 [4,8]		55
Tl-200(n,n'p)Hg-199m	TALYS-6a	0 [4,7,8,8]		54
Tl-200(n,n'2a)Ir-192g	TALYS-6a	0 [4]		100
Tl-200(n,n'2a)Ir-192m	TALYS-6a	0 [4,7]		100
Tl-200(n,n'2a)Ir-192n	TALYS-6a	0 [7,4,7]		100
Tl-200(n,2n2a)Ir-191g	TALYS-6a	0 [4]		27
Tl-200(n,2n2a)Ir-191m	TALYS-6a	0 [4,7,8]		27
Tl-200(n,2n2a)Ir-191n	TALYS-6a	0 [4,7,8]		26
Tl-200(n,n'd)Hg-198	TALYS-6a	0 [8]		38
Tl-200(n,n't)Hg-197g	TALYS-6a	0		33
Tl-200(n,n't)Hg-197m	TALYS-6a	0		32
Tl-200(n,n'h)Au-197g	TALYS-6a	0		29
Tl-200(n,n'h)Au-197m	TALYS-6a	0		29
Tl-200(n,4n)Tl-197g	TALYS-6a	0		23
Tl-200(n,4n)Tl-197m	TALYS-6a	0		23
Tl-200(n,2np)Hg-198	TALYS-6a	0 [8]		36
Tl-200(n,3np)Hg-197g	TALYS-6a	0		25
Tl-200(n,3np)Hg-197m	TALYS-6a	0		25
Tl-200(n,n'2p)Au-198g	TALYS-6a	0 [4,8]		28
Tl-200(n,n'2p)Au-198m	TALYS-6a	0 [4,7,8,8]		27
Tl-200(n,n'pa)Pt-195g	TALYS-6a	0		32
Tl-200(n,n'pa)Pt-195m	TALYS-6a	0		32
Tl-200(n,g)Tl-201	MASGAM	0 [14,13]		83
Tl-200(n,p)Hg-200	TALYS-6a	0 [2]		100
Tl-200(n,d)Hg-199g	TALYS-6a	0 [4,8]		62
Tl-200(n,d)Hg-199m	TALYS-6a	0 [4,7,8,8]		61
Tl-200(n,t)Hg-198	TALYS-6a	0 [8]		58
Tl-200(n,h)Au-198g	TALYS-6a	0 [4,8]		40
Tl-200(n,h)Au-198m	TALYS-6a	0 [4,7,8,8]		39
Tl-200(n,a)Au-197g	TALYS-6a	0 [2]		100
Tl-200(n,a)Au-197m	TALYS-6a	0 [2]		100
Tl-200(n,2a)Ir-193g	TALYS-6a	0		100
Tl-200(n,2a)Ir-193m	TALYS-6a	0		100
Tl-200(n,2p)Au-199	TALYS-6a	0 [8]		41
Tl-200(n,pa)Pt-196	TALYS-6a	0		100
Tl-200(n,pd)Au-198g	TALYS-6a	0 [4,8]		30
Tl-200(n,pd)Au-198m	TALYS-6a	0 [4,7,8,8]		29
Tl-200(n,da)Pt-195g	TALYS-6a	0		34
Tl-200(n,da)Pt-195m	TALYS-6a	0		34
Tl-200(n,5n)Tl-196g	TALYS-6a	0		15
Tl-200(n,5n)Tl-196m	TALYS-6a	0		15
Tl-200(n,6n)Tl-195g	TALYS-6a	0		12
Tl-200(n,6n)Tl-195m	TALYS-6a	0		12
Tl-200(n,2nt)Hg-196	TALYS-6a	0 [8]		25
Tl-200(n,ta)Pt-194	TALYS-6a	0 [8]		34
Tl-200(n,4np)Hg-196	TALYS-6a	0 [8]		18
Tl-200(n,3nd)Hg-196	TALYS-6a	0 [8]		19
Tl-200(n,n'da)Pt-194	TALYS-6a	0 [8]		27
Tl-200(n,2npa)Pt-194	TALYS-6a	0 [8]		26
Tl-200(n,7n)Tl-194g	TALYS-6a	0 [4]		7
Tl-200(n,7n)Tl-194m	TALYS-6a	0 [4,7,8]		6
Tl-200(n,5np)Hg-195g	TALYS-6a	0		13
Tl-200(n,5np)Hg-195m	TALYS-6a	0		13
Tl-200(n,6np)Hg-194	TALYS-6a	0 [8]		9
Tl-200(n,4na)Au-193g	TALYS-6a	0		20
Tl-200(n,4na)Au-193m	TALYS-6a	0		20
Tl-200(n,5na)Au-192g	TALYS-6a	0 [4,8]		14
Tl-200(n,5na)Au-192m	TALYS-6a	0 [4,7,8,8]		13
+Tl-200(n,5na)Au-192n	TALYS-6a	0 [4,7,8,8]		13
Tl-200(n,6na)Au-191g	TALYS-6a	0		10
Tl-200(n,6na)Au-191m	TALYS-6a	0		10
Tl-200(n,4nd)Hg-195g	TALYS-6a	0		13
Tl-200(n,4nd)Hg-195m	TALYS-6a	0		13
Tl-200(n,5nd)Hg-194	TALYS-6a	0 [8]		10
Tl-200(n,6nd)Hg-193g	TALYS-6a	0		5
Tl-200(n,6nd)Hg-193m	TALYS-6a	0		5
Tl-200(n,3nt)Hg-195g	TALYS-6a	0		16
Tl-200(n,3nt)Hg-195m	TALYS-6a	0		16
Tl-200(n,4nt)Hg-194	TALYS-6a	0 [8]		13
Tl-200(n,5nt)Hg-193g	TALYS-6a	0		8
Tl-200(n,5nt)Hg-193m	TALYS-6a	0		8
Tl-200(n,2nh)Au-196g	TALYS-6a	0 [4]		21
Tl-200(n,2nh)Au-196m	TALYS-6a	0 [4,7,8]		21
Tl-200(n,2nh)Au-196n	TALYS-6a	0 [4,7,8]		20
Tl-200(n,3nh)Au-195g	TALYS-6a	0		15
Tl-200(n,3nh)Au-195m	TALYS-6a	0		15
Tl-200(n,4nh)Au-194g	TALYS-6a	0		11
Tl-200(n,4nh)Au-194m	TALYS-6a	0		11
Tl-200(n,4nh)Au-194n	TALYS-6a	0		11
Tl-200(n,3n2p)Au-196g	TALYS-6a	0 [4]		15
Tl-200(n,3n2p)Au-196m	TALYS-6a	0 [4,7,8]		15
Tl-200(n,3n2p)Au-196n	TALYS-6a	0 [4,7,8]		14
Tl-200(n,3n2a)Ir-190g	TALYS-6a	0 [4]		18
Tl-200(n,3n2a)Ir-190m	TALYS-6a	0 [4,7,8]		18
Tl-200(n,3n2a)Ir-190n	TALYS-6a	0 [4,7,8]		17
Tl-200(n,3npa)Pt-193g	TALYS-6a	0		17
Tl-200(n,3npa)Pt-193m	TALYS-6a	0		17
Tl-200(n,n'pd)Au-197g	TALYS-6a	0		23

Tl-200(n,n'pd)Au-197m	TALYS-6a	0		23	Tl-201(n,3n2a)Ir-191m	TALYS-6a	0 [4,7,8]	17
Tl-200(n,n'pt)Au-196g	TALYS-6a	0 [4]		21	Tl-201(n,3n2a)Ir-191n	TALYS-6a	0 [4,7,8]	17
Tl-200(n,n'pt)Au-196m	TALYS-6a	0 [4,7,8]		21	Tl-201(n,3npa)Pt-194	TALYS-6a	0 [8]	17
Tl-200(n,n'pt)Au-196n	TALYS-6a	0 [4,7,8]		20	Tl-201(n,n'pd)Au-198g	TALYS-6a	0 [4,8]	21
Tl-200(n,n'dt)Au-195g	TALYS-6a	0		15	Tl-201(n,n'pd)Au-198m	TALYS-6a	0 [4,7,8,8]	20
Tl-200(n,n'dt)Au-195m	TALYS-6a	0		15	Tl-201(n,n'pt)Au-197g	TALYS-6a	0	20
Tl-200(n,n'ta)Pt-193g	TALYS-6a	0		23	Tl-201(n,n'pt)Au-197m	TALYS-6a	0	20
Tl-200(n,n'ta)Pt-193m	TALYS-6a	0		24	Tl-201(n,n'ta)Pt-194	TALYS-6a	0 [8]	24
Tl-200(n,2n2p)Au-197g	TALYS-6a	0		22	Tl-201(n,2n2p)Au-198g	TALYS-6a	0 [4,8]	20
Tl-200(n,2n2p)Au-197m	TALYS-6a	0		21	Tl-201(n,2n2p)Au-198m	TALYS-6a	0 [4,7,8,8]	19
>Tl-200(n,ha)Ir-194g	TALYS-6a	0 [4,8]		22	Tl-201(n,ha)Ir-195g	TALYS-6a	0	21
>Tl-200(n,ha)Ir-194m	TALYS-6a	0 [4,7,8,8]		21	Tl-201(n,ha)Ir-195m	TALYS-6a	0	22
+Tl-200(n,ha)Ir-194n	TALYS-6a	0 [4,7,8,8]		21	Tl-201(n,4n2p)Au-196g	TALYS-6a	0 [4]	11
Tl-200(n,4n2p)Au-195g	TALYS-6a	0		12	Tl-201(n,4n2p)Au-196m	TALYS-6a	0 [4,7,8]	11
Tl-200(n,4n2p)Au-195m	TALYS-6a	0		12	Tl-201(n,4n2p)Au-196n	TALYS-6a	0 [4,7,8]	10
Tl-200(n,4n2a)Ir-189	TALYS-6a	0 [8]		14	Tl-201(n,4n2a)Ir-190g	TALYS-6a	0 [4]	13
Tl-200(n,4npa)Pt-192	TALYS-6a	0 [8]		13	Tl-201(n,4n2a)Ir-190m	TALYS-6a	0 [4,7,8]	11
Tl-201(n,2nd)Hg-198	TALYS-6a	0 [8]		27	Tl-201(n,4n2a)Ir-190n	TALYS-6a	0 [4,7,8]	12
Tl-201(n,2n)Tl-200	TALYS-6a	0		45	Tl-201(n,4npa)Pt-193g	TALYS-6a	0	12
Tl-201(n,3n)Tl-199	TALYS-6a	0		31	Tl-201(n,4npa)Pt-193m	TALYS-6a	0	12
Tl-201(n,n'a)Au-197g	TALYS-6a	0		100	Tl-202(n,2nd)Hg-199g	TALYS-6a	0	26
Tl-201(n,n'a)Au-197m	TALYS-6a	0		100	Tl-202(n,2nd)Hg-199m	TALYS-6a	0	26
Tl-201(n,2na)Au-196g	TALYS-6a	0 [4]		37	Tl-202(n,2n)Tl-201	TALYS-6a	0	51
Tl-201(n,2na)Au-196m	TALYS-6a	0 [4,7,8]		37	Tl-202(n,3n)Tl-200	TALYS-6a	0	31
Tl-201(n,2na)Au-196n	TALYS-6a	0 [4,7,8]		36	Tl-202(n,n'a)Au-198g	TALYS-6a	0 [4]	100
Tl-201(n,3na)Au-195g	TALYS-6a	0		28	Tl-202(n,n'a)Au-198m	TALYS-6a	0 [7,4,7]	100
Tl-201(n,3na)Au-195m	TALYS-6a	0		27	Tl-202(n,2na)Au-197g	TALYS-6a	0	40
Tl-201(n,n'p)Hg-200	TALYS-6a	0 [8]		54	Tl-202(n,2na)Au-197m	TALYS-6a	0	39
Tl-201(n,n'2a)Ir-193g	TALYS-6a	0		100	Tl-202(n,3na)Au-196g	TALYS-6a	0 [4]	27
Tl-201(n,n'2a)Ir-193m	TALYS-6a	0		100	Tl-202(n,3na)Au-196m	TALYS-6a	0 [4,7,8]	27
Tl-201(n,2n2a)Ir-192g	TALYS-6a	0 [4]		24	Tl-202(n,3na)Au-196n	TALYS-6a	0 [4,7,8]	26
Tl-201(n,2n2a)Ir-192m	TALYS-6a	0 [4,7,8]		23	Tl-202(n,n'p)Hg-201	TALYS-6a	0 [8]	51
Tl-201(n,2n2a)Ir-192n	TALYS-6a	0 [4,7,8]		23	>Tl-202(n,n'2a)Ir-194g	TALYS-6a	0 [4]	100
Tl-201(n,n'd)Hg-199g	TALYS-6a	0 [4,8]		35	>Tl-202(n,n'2a)Ir-194m	TALYS-6a	0 [7,4,7]	100
Tl-201(n,n'd)Hg-199m	TALYS-6a	0 [4,7,8,8]		34	+Tl-202(n,n'2a)Ir-194n	TALYS-6a	0 [7,4,7]	100
Tl-201(n,n't)Hg-198	TALYS-6a	0 [8]		33	Tl-202(n,2n2a)Ir-193g	TALYS-6a	0	25
Tl-201(n,n'h)Au-198g	TALYS-6a	0 [4,8]		27	Tl-202(n,2n2a)Ir-193m	TALYS-6a	0	25
Tl-201(n,n'h)Au-198m	TALYS-6a	0 [4,7,8,8]		26	Tl-202(n,n'd)Hg-200	TALYS-6a	0 [8]	38
Tl-201(n,4n)Tl-198g	TALYS-6a	0		22	Tl-202(n,n't)Hg-199g	TALYS-6a	0	33
Tl-201(n,4n)Tl-198m	TALYS-6a	0		22	Tl-202(n,n't)Hg-199m	TALYS-6a	0	32
Tl-201(n,2np)Hg-199g	TALYS-6a	0 [4,8]		32	Tl-202(n,n'h)Au-199	TALYS-6a	0 [8]	28
Tl-201(n,2np)Hg-199m	TALYS-6a	0 [4,7,8,8]		31	Tl-202(n,4n)Tl-199	TALYS-6a	0	24
Tl-201(n,3np)Hg-198	TALYS-6a	0 [8]		25	Tl-202(n,2np)Hg-200	TALYS-6a	0 [8]	35
Tl-201(n,n'2p)Au-199	TALYS-6a	0 [8]		28	Tl-202(n,3np)Hg-199g	TALYS-6a	0	25
Tl-201(n,n'pa)Pt-196	TALYS-6a	0 [8]		31	Tl-202(n,3np)Hg-199m	TALYS-6a	0	25
Tl-201(n,g)Tl-202	MASGAM	0 [14,13]		83	Tl-202(n,n'2p)Au-200g	TALYS-6a	0 [4,8]	27
Tl-201(n,p)Hg-201	TALYS-6a	0 [2]		100	Tl-202(n,n'2p)Au-200m	TALYS-6a	0 [4,7,8,8]	26
Tl-201(n,d)Hg-200	TALYS-6a	0 [8]		62	Tl-202(n,n'pa)Pt-197g	TALYS-6a	0	30
Tl-201(n,t)Hg-199g	TALYS-6a	0 [4,8]		50	Tl-202(n,n'pa)Pt-197m	TALYS-6a	0	30
Tl-201(n,t)Hg-199m	TALYS-6a	0 [4,7,8,8]		49	Tl-202(n,g)Tl-203	MASGAM	0 [14,13]	83
Tl-201(n,h)Au-199	TALYS-6a	0 [8]		38	Tl-202(n,p)Hg-202	TALYS-6a	0 [2]	100
Tl-201(n,a)Au-198g	TALYS-6a	0 [4,2]		100	Tl-202(n,d)Hg-201	TALYS-6a	0 [8]	58
Tl-201(n,a)Au-198m	TALYS-6a	0 [7,4,7,2]		100	Tl-202(n,t)Hg-200	TALYS-6a	0 [8]	56
>Tl-201(n,2a)Ir-194g	TALYS-6a	0 [4]		100	Tl-202(n,h)Au-200g	TALYS-6a	0 [4,8]	37
>Tl-201(n,2a)Ir-194m	TALYS-6a	0 [4,7]		100	Tl-202(n,h)Au-200m	TALYS-6a	0 [4,7,8,8]	36
+Tl-201(n,2a)Ir-194n	TALYS-6a	0 [4,7]		100	Tl-202(n,a)Au-199	TALYS-6a	0 [2]	100
Tl-201(n,2p)Au-200g	TALYS-6a	0 [4,8]		36	Tl-202(n,2a)Ir-195g	TALYS-6a	0	100
Tl-201(n,2p)Au-200m	TALYS-6a	0 [4,7,8,8]		35	Tl-202(n,2a)Ir-195m	TALYS-6a	0	100
Tl-201(n,pa)Pt-197g	TALYS-6a	0		100	Tl-202(n,2p)Au-201	TALYS-6a	0 [8,7,8]	37
Tl-201(n,pa)Pt-197m	TALYS-6a	0		100	Tl-202(n,pa)Pt-198	TALYS-6a	0	100
Tl-201(n,pd)Au-199	TALYS-6a	0 [8]		29	Tl-202(n,pd)Au-200g	TALYS-6a	0 [4,8]	28
Tl-201(n,da)Pt-196	TALYS-6a	0 [8]		33	Tl-202(n,pd)Au-200m	TALYS-6a	0 [4,7,8,8]	27
Tl-201(n,5n)Tl-197g	TALYS-6a	0		16	Tl-202(n,da)Pt-197g	TALYS-6a	0	31
Tl-201(n,5n)Tl-197m	TALYS-6a	0		16	Tl-202(n,da)Pt-197m	TALYS-6a	0	31
Tl-201(n,6n)Tl-196g	TALYS-6a	0		11	Tl-202(n,5n)Tl-198g	TALYS-6a	0	16
Tl-201(n,6n)Tl-196m	TALYS-6a	0		11	Tl-202(n,5n)Tl-198m	TALYS-6a	0	16
Tl-201(n,2nt)Hg-197g	TALYS-6a	0		24	Tl-202(n,6n)Tl-197g	TALYS-6a	0	12
Tl-201(n,2nt)Hg-197m	TALYS-6a	0		23	Tl-202(n,6n)Tl-197m	TALYS-6a	0	12
Tl-201(n,ta)Pt-195g	TALYS-6a	0		30	Tl-202(n,2nt)Hg-198	TALYS-6a	0 [8]	25
Tl-201(n,ta)Pt-195m	TALYS-6a	0		30	Tl-202(n,ta)Pt-196	TALYS-6a	0 [8]	31
Tl-201(n,4np)Hg-197g	TALYS-6a	0		17	Tl-202(n,4np)Hg-198	TALYS-6a	0 [8]	18
Tl-201(n,4np)Hg-197m	TALYS-6a	0		16	Tl-202(n,3nd)Hg-198	TALYS-6a	0 [8]	20
Tl-201(n,3nd)Hg-197g	TALYS-6a	0		18	Tl-202(n,n'da)Pt-196	TALYS-6a	0 [8]	25
Tl-201(n,3nd)Hg-197m	TALYS-6a	0		18	Tl-202(n,2npa)Pt-196	TALYS-6a	0 [8]	24
Tl-201(n,n'da)Pt-195g	TALYS-6a	0		24	Tl-202(n,7n)Tl-196g	TALYS-6a	0	8
Tl-201(n,n'da)Pt-195m	TALYS-6a	0		24	Tl-202(n,7n)Tl-196m	TALYS-6a	0	8
Tl-201(n,2npa)Pt-195g	TALYS-6a	0		23	Tl-202(n,5np)Hg-197g	TALYS-6a	0	13
Tl-201(n,2npa)Pt-195m	TALYS-6a	0		23	Tl-202(n,5np)Hg-197m	TALYS-6a	0	13
Tl-201(n,7n)Tl-195g	TALYS-6a	0		8	Tl-202(n,6np)Hg-196	TALYS-6a	0	10
Tl-201(n,7n)Tl-195m	TALYS-6a	0		7	Tl-202(n,4na)Au-195g	TALYS-6a	0	21
Tl-201(n,5np)Hg-196	TALYS-6a	0 [8]		13	Tl-202(n,4na)Au-195m	TALYS-6a	0	20
Tl-201(n,6np)Hg-195g	TALYS-6a	0		9	Tl-202(n,5na)Au-194g	TALYS-6a	0	14
Tl-201(n,6np)Hg-195m	TALYS-6a	0		9	Tl-202(n,5na)Au-194m	TALYS-6a	0	14
Tl-201(n,4na)Au-194g	TALYS-6a	0		19	Tl-202(n,5na)Au-194n	TALYS-6a	0	14
Tl-201(n,4na)Au-194m	TALYS-6a	0		19	Tl-202(n,6na)Au-193g	TALYS-6a	0	11
Tl-201(n,4na)Au-194n	TALYS-6a	0		19	Tl-202(n,6na)Au-193m	TALYS-6a	0	10
Tl-201(n,5na)Au-193g	TALYS-6a	0		14	Tl-202(n,4nd)Hg-197g	TALYS-6a	0	14
Tl-201(n,5na)Au-193m	TALYS-6a	0		14	Tl-202(n,4nd)Hg-197m	TALYS-6a	0	14
Tl-201(n,6na)Au-192g	TALYS-6a	0 [4,8]		9	Tl-202(n,5nd)Hg-196	TALYS-6a	0 [8]	10
Tl-201(n,6na)Au-192m	TALYS-6a	0 [4,7,8,8]		8	Tl-202(n,6nd)Hg-195g	TALYS-6a	0	6
+Tl-201(n,6na)Au-192n	TALYS-6a	0 [4,7,8,8]		8	Tl-202(n,6nd)Hg-195m	TALYS-6a	0	6
Tl-201(n,4nd)Hg-196	TALYS-6a	0 [8]		14	Tl-202(n,3nt)Hg-197g	TALYS-6a	0	17
Tl-201(n,5nd)Hg-195g	TALYS-6a	0		9	Tl-202(n,3nt)Hg-197m	TALYS-6a	0	16
Tl-201(n,5nd)Hg-195m	TALYS-6a	0		9	Tl-202(n,4nt)Hg-196	TALYS-6a	0 [8]	13
Tl-201(n,6nd)Hg-194	TALYS-6a	0 [8]		6	Tl-202(n,5nt)Hg-195g	TALYS-6a	0	8
Tl-201(n,3nt)Hg-196	TALYS-6a	0 [8]		17	Tl-202(n,5nt)Hg-195m	TALYS-6a	0	8
Tl-201(n,4nt)Hg-195g	TALYS-6a	0		12	Tl-202(n,6nt)Hg-194	TALYS-6a	0 [8]	5
Tl-201(n,4nt)Hg-195m	TALYS-6a	0		12	Tl-202(n,2nh)Au-198g	TALYS-6a	0 [4,8]	21
Tl-201(n,5nt)Hg-194	TALYS-6a	0 [8]		8	Tl-202(n,2nh)Au-198m	TALYS-6a	0 [4,7,8,8]	20
Tl-201(n,2nh)Au-197g	TALYS-6a	0		21	Tl-202(n,3nh)Au-197g	TALYS-6a	0	15
Tl-201(n,2nh)Au-197m	TALYS-6a	0		21	Tl-202(n,3nh)Au-197m	TALYS-6a	0	15
Tl-201(n,3nh)Au-196g	TALYS-6a	0 [4]		15	Tl-202(n,4nh)Au-196g	TALYS-6a	0 [4]	11
Tl-201(n,3nh)Au-196m	TALYS-6a	0 [4,7,8]		15	Tl-202(n,4nh)Au-196m	TALYS-6a	0 [4,7,8]	11
Tl-201(n,3nh)Au-196n	TALYS-6a	0 [4,7,8]		14	Tl-202(n,4nh)Au-196n	TALYS-6a	0 [4,7,8]	10
Tl-201(n,4nh)Au-195g	TALYS-6a	0		11	Tl-202(n,3n2p)Au-198g	TALYS-6a	0 [4,8]	15
Tl-201(n,4nh)Au-195m	TALYS-6a	0		11	Tl-202(n,3n2p)Au-198m	TALYS-6a	0 [4,7,8,8]	14
Tl-201(n,3n2p)Au-197g	TALYS-6a	0		15	Tl-202(n,3n2a)Ir-192g	TALYS-6a	0 [4]	16
Tl-201(n,3n2p)Au-197m	TALYS-6a	0		15	Tl-202(n,3n2a)Ir-192m	TALYS-6a	0 [4,7,8]	16
Tl-201(n,3n2a)Ir-191g	TALYS-6a	0 [4]		18	Tl-202(n,3n2a)Ir-192n	TALYS-6a	0 [4,7,8]	15

Left				
Tl-202(n,3npa)Pt-195g	TALYS-6a	0		16
Tl-202(n,3npa)Pt-195m	TALYS-6a	0		16
Tl-202(n,n'pd)Au-199	TALYS-6a	0	[8]	22
Tl-202(n,n'pt)Au-198g	TALYS-6a	0	[4,8]	20
Tl-202(n,n'pt)Au-198m	TALYS-6a	0	[4,7,8,8]	19
Tl-202(n,n'ta)Pt-195g	TALYS-6a	0		23
Tl-202(n,n'ta)Pt-195m	TALYS-6a	0		23
Tl-202(n,2n2p)Au-199	TALYS-6a	0	[8]	20
Tl-202(n,4n2p)Au-197g	TALYS-6a	0		11
Tl-202(n,4n2p)Au-197m	TALYS-6a	0		11
Tl-202(n,4n2a)Ir-191g	TALYS-6a	0	[4]	13
Tl-202(n,4n2a)Ir-191m	TALYS-6a	0	[4,7,8]	12
Tl-202(n,4n2a)Ir-191n	TALYS-6a	0	[4,7,8]	12
Tl-202(n,4npa)Pt-194	TALYS-6a	0	[8]	13
Tl-203(n,2nd)Hg-200	TALYS-6a	0	[8]	27
Tl-203(n,2n)Tl-202	TALYS-5	6	[3]	46
Tl-203(n,3n)Tl-201	TALYS-5	4	[3]	32
Tl-203(n,n'a)Au-199	TALYS-6a	0		100
Tl-203(n,2na)Au-198g	TALYS-6a	0	[4,8]	37
Tl-203(n,2na)Au-198m	TALYS-6a	0	[4,7,8,8]	36
Tl-203(n,3na)Au-197g	TALYS-6a	0		28
Tl-203(n,3na)Au-197m	TALYS-6a	0		27
Tl-203(n,n'p)Hg-202	TALYS-6a	0	[8]	50
Tl-203(n,n'2a)Ir-195g	TALYS-6a	0		100
Tl-203(n,n'2a)Ir-195m	TALYS-6a	0		100
>Tl-203(n,2n2a)Ir-194g	TALYS-6a	0	[4,8]	22
>Tl-203(n,2n2a)Ir-194m	TALYS-6a	0	[4,7,8,8]	21
+Tl-203(n,2n2a)Ir-194n	TALYS-6a	0	[4,7,8,8]	21
Tl-203(n,n'd)Hg-201	TALYS-6a	0	[8]	34
Tl-203(n,n't)Hg-200	TALYS-6a	0	[8]	33
Tl-203(n,n'h)Au-200g	TALYS-6a	0	[4,8]	26
Tl-203(n,n'h)Au-200m	TALYS-6a	0	[4,7,8,8]	25
Tl-203(n,4n)Tl-200	TALYS-6a	0		23
Tl-203(n,2np)Hg-201	TALYS-6a	0	[8]	32
Tl-203(n,3np)Hg-200	TALYS-6a	0	[8]	25
Tl-203(n,n'2p)Au-201	TALYS-6a	0	[8,7,8]	26
Tl-203(n,n'pa)Pt-198	TALYS-6a	0	[8]	30
Tl-203(n,g)Tl-204	SIGCN-MASGAM	4	[14,13,13,4]	4312
Tl-203(n,p)Hg-203	TALYS-5	2	[3]	100
Tl-203(n,d)Hg-202	TALYS-6a	0	[8]	58
Tl-203(n,t)Hg-201	TALYS-6a	0	[8]	48
Tl-203(n,h)Au-201	TALYS-6a	0	[8,7,8]	36
Tl-203(n,a)Au-200g	TALYS-5	2	[9,4,3]	4353
Tl-203(n,a)Au-200m	TALYS-5	2	[7,9,4,7,3]	4353
Tl-203(n,2p)Au-202	TALYS-6a	0	[8]	30
Tl-203(n,pa)Pt-199g	TALYS-6a	0		40
Tl-203(n,pa)Pt-199m	TALYS-6a	0		39
Tl-203(n,pd)Au-201	TALYS-6a	0	[8,7,8]	27
Tl-203(n,da)Pt-198	TALYS-6a	0	[8]	31
Tl-203(n,5n)Tl-199	TALYS-6a	0		16
Tl-203(n,6n)Tl-198g	TALYS-6a	0		12
Tl-203(n,6n)Tl-198m	TALYS-6a	0		12
Tl-203(n,2nt)Hg-199g	TALYS-6a	0		24
Tl-203(n,2nt)Hg-199m	TALYS-6a	0		24
Tl-203(n,ta)Pt-197g	TALYS-6a	0		29
Tl-203(n,ta)Pt-197m	TALYS-6a	0		29
Tl-203(n,4np)Hg-199g	TALYS-6a	0		17
Tl-203(n,4np)Hg-199m	TALYS-6a	0		17
Tl-203(n,3nd)Hg-199g	TALYS-6a	0		18
Tl-203(n,3nd)Hg-199m	TALYS-6a	0		18
Tl-203(n,n'da)Pt-197g	TALYS-6a	0		23
Tl-203(n,n'da)Pt-197m	TALYS-6a	0		23
Tl-203(n,2npa)Pt-197g	TALYS-6a	0		22
Tl-203(n,2npa)Pt-197m	TALYS-6a	0		22
Tl-203(n,7n)Tl-197g	TALYS-6a	0		8
Tl-203(n,7n)Tl-197m	TALYS-6a	0		8
Tl-203(n,8n)Tl-196g	TALYS-6a	0		4
Tl-203(n,8n)Tl-196m	TALYS-6a	0		4
Tl-203(n,5np)Hg-198	TALYS-6a	0	[8]	13
Tl-203(n,6np)Hg-197g	TALYS-6a	0		9
Tl-203(n,6np)Hg-197m	TALYS-6a	0		9
Tl-203(n,4na)Au-196g	TALYS-6a	0	[4]	19
Tl-203(n,4na)Au-196m	TALYS-6a	0	[4,7,8]	19
Tl-203(n,4na)Au-196n	TALYS-6a	0	[4,7,8]	18
Tl-203(n,5na)Au-195g	TALYS-6a	0		14
Tl-203(n,5na)Au-195m	TALYS-6a	0		14
Tl-203(n,6na)Au-194g	TALYS-6a	0		10
Tl-203(n,6na)Au-194m	TALYS-6a	0		10
Tl-203(n,6na)Au-194n	TALYS-6a	0		10
Tl-203(n,4nd)Hg-198	TALYS-6a	0	[8]	14
Tl-203(n,5nd)Hg-197g	TALYS-6a	0		10
Tl-203(n,5nd)Hg-197m	TALYS-6a	0		10
Tl-203(n,6nd)Hg-196	TALYS-6a	0	[8]	6
Tl-203(n,3nt)Hg-198	TALYS-6a	0	[8]	17
Tl-203(n,4nt)Hg-197g	TALYS-6a	0		12
Tl-203(n,4nt)Hg-197m	TALYS-6a	0		12
Tl-203(n,5nt)Hg-196	TALYS-6a	0	[8]	9
Tl-203(n,2nh)Au-199	TALYS-6a	0	[8]	21
Tl-203(n,3nh)Au-198g	TALYS-6a	0	[4,8]	15
Tl-203(n,3nh)Au-198m	TALYS-6a	0	[4,7,8,8]	14
Tl-203(n,4nh)Au-197g	TALYS-6a	0		11
Tl-203(n,4nh)Au-197m	TALYS-6a	0		11
Tl-203(n,3n2p)Au-199	TALYS-6a	0	[8]	15
Tl-203(n,3n2a)Ir-193g	TALYS-6a	0		16
Tl-203(n,3n2a)Ir-193m	TALYS-6a	0		17
Tl-203(n,3npa)Pt-196	TALYS-6a	0	[8]	16
Tl-203(n,n'pd)Au-200g	TALYS-6a	0	[4,8]	20
Tl-203(n,n'pd)Au-200m	TALYS-6a	0	[4,7,8,8]	19
Tl-203(n,n'pt)Au-199	TALYS-6a	0	[8]	20
Tl-203(n,n'ta)Pt-196	TALYS-6a	0	[8]	23
Tl-203(n,2n2p)Au-200g	TALYS-6a	0	[4,8]	19
Tl-203(n,2n2p)Au-200m	TALYS-6a	0	[4,7,8,8]	18
Tl-203(n,4n2p)Au-198g	TALYS-6a	0	[4,8]	11
Tl-203(n,4n2p)Au-198m	TALYS-6a	0	[4,7,8,8]	10
Tl-203(n,4n2a)Ir-192g	TALYS-6a	0	[4]	12
Tl-203(n,4n2a)Ir-192m	TALYS-6a	0	[4,7,8]	12
Tl-203(n,4n2a)Ir-192n	TALYS-6a	0	[4,7,8]	11
Tl-203(n,4npa)Pt-195g	TALYS-6a	0		12
Tl-203(n,4npa)Pt-195m	TALYS-6a	0		12

Right				
Tl-204(n,2nd)Hg-201	TALYS-6a	0	[8]	26
Tl-204(n,2n)Tl-203	TALYS-6a	0		52
Tl-204(n,3n)Tl-202	TALYS-6a	0		32
Tl-204(n,n'a)Au-200g	TALYS-6a	0	[4]	100
Tl-204(n,n'a)Au-200m	TALYS-6a	0	[4,7,8,10]	84
Tl-204(n,2na)Au-199	TALYS-6a	0	[8]	39
Tl-204(n,3na)Au-198g	TALYS-6a	0	[4,8]	27
Tl-204(n,3na)Au-198m	TALYS-6a	0	[4,7,8,8]	26
Tl-204(n,n'p)Hg-203	TALYS-6a	0	[8]	47
Tl-204(n,2n2a)Ir-195g	TALYS-6a	0		23
Tl-204(n,2n2a)Ir-195m	TALYS-6a	0		23
Tl-204(n,n'd)Hg-202	TALYS-6a	0	[8]	36
Tl-204(n,n't)Hg-201	TALYS-6a	0	[8]	33
Tl-204(n,n'h)Au-201	TALYS-6a	0	[8,7,8]	27
Tl-204(n,4n)Tl-201	TALYS-6a	0		25
Tl-204(n,2np)Hg-202	TALYS-6a	0	[8]	34
Tl-204(n,3np)Hg-201	TALYS-6a	0	[8]	25
Tl-204(n,n'2p)Au-202	TALYS-6a	0	[8]	25
Tl-204(n,n'pa)Pt-199g	TALYS-6a	0		28
Tl-204(n,n'pa)Pt-199m	TALYS-6a	0		28
Tl-204(n,g)Tl-205	MASGAM	2	[14,14,13,12]	116
Tl-204(n,p)Hg-204	TALYS-6a	0	[2]	100
Tl-204(n,d)Hg-203	TALYS-6a	0	[8]	54
Tl-204(n,t)Hg-202	TALYS-6a	0	[8]	53
Tl-204(n,h)Au-202	TALYS-6a	0	[8]	33
Tl-204(n,a)Au-201	TALYS-6a	0	[2]	100
Tl-204(n,2a)Ir-197g	TALYS-6a	0		100
Tl-204(n,2a)Ir-197m	TALYS-6a	0		100
Tl-204(n,2p)Au-203	TALYS-6a	0	[8,7,8]	34
Tl-204(n,pa)Pt-200	TALYS-6a	0		100
Tl-204(n,pd)Au-202	TALYS-6a	0	[8]	26
Tl-204(n,da)Pt-199g	TALYS-6a	0		29
Tl-204(n,da)Pt-199m	TALYS-6a	0		29
Tl-204(n,5n)Tl-200	TALYS-6a	0		17
Tl-204(n,6n)Tl-199	TALYS-6a	0		13
Tl-204(n,2nt)Hg-200	TALYS-6a	0	[8]	25
Tl-204(n,ta)Pt-198	TALYS-6a	0	[8]	30
Tl-204(n,4np)Hg-200	TALYS-6a	0	[8]	18
Tl-204(n,3nd)Hg-200	TALYS-6a	0	[8]	20
Tl-204(n,n'da)Pt-198	TALYS-6a	0	[8]	24
Tl-204(n,2npa)Pt-198	TALYS-6a	0	[8]	22
Tl-204(n,7n)Tl-198g	TALYS-6a	0		9
Tl-204(n,7n)Tl-198m	TALYS-6a	0		8
Tl-204(n,8n)Tl-197g	TALYS-6a	0		5
Tl-204(n,8n)Tl-197m	TALYS-6a	0		5
Tl-204(n,5np)Hg-199g	TALYS-6a	0		13
Tl-204(n,5np)Hg-199m	TALYS-6a	0		13
Tl-204(n,6np)Hg-198	TALYS-6a	0	[8]	10
Tl-204(n,7np)Hg-197g	TALYS-6a	0		6
Tl-204(n,7np)Hg-197m	TALYS-6a	0		6
Tl-204(n,4na)Au-197g	TALYS-6a	0		21
Tl-204(n,4na)Au-197m	TALYS-6a	0		20
Tl-204(n,5na)Au-196g	TALYS-6a	0	[4]	14
Tl-204(n,5na)Au-196m	TALYS-6a	0	[4,7,8]	14
Tl-204(n,5na)Au-196n	TALYS-6a	0	[4,7,8]	13
Tl-204(n,6na)Au-195g	TALYS-6a	0		11
Tl-204(n,6na)Au-195m	TALYS-6a	0		11
Tl-204(n,4nd)Hg-199g	TALYS-6a	0		14
Tl-204(n,4nd)Hg-199m	TALYS-6a	0		14
Tl-204(n,5nd)Hg-198	TALYS-6a	0	[8]	11
Tl-204(n,6nd)Hg-197g	TALYS-6a	0		6
Tl-204(n,6nd)Hg-197m	TALYS-6a	0		6
Tl-204(n,3nt)Hg-199g	TALYS-6a	0		17
Tl-204(n,3nt)Hg-199m	TALYS-6a	0		17
Tl-204(n,4nt)Hg-198	TALYS-6a	0	[8]	13
Tl-204(n,5nt)Hg-197g	TALYS-6a	0		9
Tl-204(n,5nt)Hg-197m	TALYS-6a	0		9
Tl-204(n,6nt)Hg-196	TALYS-6a	0	[8]	6
Tl-204(n,2nh)Au-200g	TALYS-6a	0	[4,8]	20
Tl-204(n,2nh)Au-200m	TALYS-6a	0	[4,7,8,8]	19
Tl-204(n,3nh)Au-199	TALYS-6a	0	[8]	15
Tl-204(n,4nh)Au-198g	TALYS-6a	0	[4,8]	11
Tl-204(n,4nh)Au-198m	TALYS-6a	0	[4,7,8,8]	10
Tl-204(n,3n2p)Au-200g	TALYS-6a	0	[4,8]	14
Tl-204(n,3n2p)Au-200m	TALYS-6a	0	[4,7,8,8]	13
>Tl-204(n,3n2a)Ir-194g	TALYS-6a	0	[4,8]	16
>Tl-204(n,3n2a)Ir-194m	TALYS-6a	0	[4,7,8,8]	15
+Tl-204(n,3n2a)Ir-194n	TALYS-6a	0	[4,7,8,8]	15
Tl-204(n,3npa)Pt-197g	TALYS-6a	0		16
Tl-204(n,3npa)Pt-197m	TALYS-6a	0		16
Tl-204(n,n'pd)Au-201	TALYS-6a	0	[8,7,8]	20
Tl-204(n,n'pt)Au-200g	TALYS-6a	0	[4,8]	19
Tl-204(n,n'pt)Au-200m	TALYS-6a	0	[4,7,8,8]	18
Tl-204(n,n'ta)Pt-197g	TALYS-6a	0		22
Tl-204(n,n'ta)Pt-197m	TALYS-6a	0		22
Tl-204(n,2n2p)Au-201	TALYS-6a	0	[8,7,8]	19
Tl-204(n,4n2p)Au-199	TALYS-6a	0	[8]	11
Tl-204(n,4n2a)Ir-193g	TALYS-6a	0		12
Tl-204(n,4n2a)Ir-193m	TALYS-6a	0		13
Tl-204(n,4npa)Pt-196	TALYS-6a	0	[8]	13
Tl-205(n,2nd)Hg-202	TALYS-6a	0	[8]	26
Tl-205(n,2n)Tl-204	TALYS-5	4	[3]	48
Tl-205(n,3n)Tl-203	TALYS-6a	0		33
Tl-205(n,n'a)Au-201	TALYS-5a	0	[7]	100
Tl-205(n,2na)Au-200g	TALYS-6a	0	[4,8]	36
Tl-205(n,2na)Au-200m	TALYS-6a	0	[4,7,8,8]	35
Tl-205(n,3na)Au-199	TALYS-6a	0	[8]	27
Tl-205(n,n'p)Hg-204	TALYS-6a	0	[8]	46
Tl-205(n,n'2a)Ir-197g	TALYS-6a	0		28
Tl-205(n,n'2a)Ir-197m	TALYS-6a	0		28
Tl-205(n,2n2a)Ir-196g	TALYS-6a	0		20
Tl-205(n,2n2a)Ir-196m	TALYS-6a	0		20
Tl-205(n,n'd)Hg-203	TALYS-6a	0	[8]	33
Tl-205(n,n't)Hg-202	TALYS-6a	0	[8]	33
Tl-205(n,n'h)Au-202	TALYS-6a	0	[8]	25
Tl-205(n,4n)Tl-202	TALYS-6a	0		24
Tl-205(n,2np)Hg-203	TALYS-6a	0	[8]	31
Tl-205(n,3np)Hg-202	TALYS-6a	0	[8]	25
Tl-205(n,n'2p)Au-203	TALYS-6a	0	[8,7,8]	25

Reaction	Library	Flag	Refs	Value
Tl-205(n,n'pa)Pt-200	TALYS-6a	0	[8]	28
Tl-205(n,g)Tl-206g	SIGECN-MASGAM	4	[14,13,13,4,6,4]	2178
Tl-205(n,g)Tl-206m	SIGECN-MASGAM	0	[14,7,13,13,4,6,4]	2178
Tl-205(n,p)Hg-205	ADL-3	6	[13]	44
Tl-205(n,d)Hg-204	TALYS-6a	0	[8]	54
Tl-205(n,t)Hg-203	ADL-3	6	[13,3,8,7,8]	40
Tl-205(n,h)Au-203	TALYS-6a	0	[8,7,8]	32
Tl-205(n,a)Au-202	TALYS-6a	5	[9,3,3]	2218
Tl-205(n,2p)Au-204	TALYS-6a	0	[8,7,8]	28
Tl-205(n,pd)Au-203	TALYS-6a	0	[8,7,8]	26
Tl-205(n,da)Pt-200	TALYS-6a	0	[8]	29
Tl-205(n,5n)Tl-201	TALYS-6a	0		17
Tl-205(n,6n)Tl-200	TALYS-6a	0		13
Tl-205(n,2nt)Hg-201	TALYS-6a	0	[8]	24
Tl-205(n,ta)Pt-199g	TALYS-6a	0		28
Tl-205(n,ta)Pt-199m	TALYS-6a	0		27
Tl-205(n,4np)Hg-201	TALYS-6a	0	[8]	17
Tl-205(n,3nd)Hg-201	TALYS-6a	0	[8]	18
Tl-205(n,n'da)Pt-199g	TALYS-6a	0		22
Tl-205(n,n'da)Pt-199m	TALYS-6a	0		21
Tl-205(n,2npa)Pt-199g	TALYS-6a	0		21
Tl-205(n,2npa)Pt-199m	TALYS-6a	0		20
Tl-205(n,7n)Tl-199	TALYS-6a	0		9
Tl-205(n,8n)Tl-198g	TALYS-6a	0		5
Tl-205(n,8n)Tl-198m	TALYS-6a	0		5
Tl-205(n,5np)Hg-200	TALYS-6a	0		14
Tl-205(n,6np)Hg-199g	TALYS-6a	0		9
Tl-205(n,6np)Hg-199m	TALYS-6a	0		9
Tl-205(n,7np)Hg-198	TALYS-6a	0		6
Tl-205(n,4na)Au-198g	TALYS-6a	0	[4,8]	19
Tl-205(n,4na)Au-198m	TALYS-6a	0	[4,7,8,8]	18
Tl-205(n,5na)Au-197g	TALYS-6a	0		15
Tl-205(n,5na)Au-197m	TALYS-6a	0		14
Tl-205(n,6na)Au-196g	TALYS-6a	0	[4]	10
Tl-205(n,6na)Au-196m	TALYS-6a	0	[4,7,8]	10
Tl-205(n,6na)Au-196n	TALYS-6a	0	[4,7,8]	9
Tl-205(n,4nd)Hg-200	TALYS-6a	0	[8]	14
Tl-205(n,5nd)Hg-199g	TALYS-6a	0		10
Tl-205(n,5nd)Hg-199m	TALYS-6a	0		10
Tl-205(n,6nd)Hg-198	TALYS-6a	0	[8]	7
Tl-205(n,3nt)Hg-200	TALYS-6a	0	[8]	18
Tl-205(n,4nt)Hg-199g	TALYS-6a	0		13
Tl-205(n,4nt)Hg-199m	TALYS-6a	0		13
Tl-205(n,5nt)Hg-198	TALYS-6a	0	[8]	10
Tl-205(n,6nt)Hg-197g	TALYS-6a	0		5
Tl-205(n,6nt)Hg-197m	TALYS-6a	0		5
Tl-205(n,2nh)Au-201	TALYS-6a	0	[8,7,8]	19
Tl-205(n,3nh)Au-200g	TALYS-6a	0	[4,8]	15
Tl-205(n,3nh)Au-200m	TALYS-6a	0	[4,7,8,8]	14
Tl-205(n,4nh)Au-199	TALYS-6a	0	[8]	11
Tl-205(n,3n2p)Au-201	TALYS-6a	0	[8,7,8]	14
Tl-205(n,3n2a)Ir-195g	TALYS-6a	0		15
Tl-205(n,3n2a)Ir-195m	TALYS-6a	0		16
Tl-205(n,3npa)Pt-198	TALYS-6a	0	[8]	16
Tl-205(n,n'pd)Au-202	TALYS-6a	0	[8]	19
Tl-205(n,n'ta)Pt-198	TALYS-6a	0	[8]	22
Tl-205(n,2n2p)Au-202	TALYS-6a	0	[8]	18
Tl-205(n,4n2p)Au-200g	TALYS-6a	0	[4,8]	10
Tl-205(n,4n2p)Au-200m	TALYS-6a	0	[4,7,8,8]	9
Tl-205(n,4n2a)Ir-194g	TALYS-6a	0	[4,8]	12
Tl-205(n,4n2a)Ir-194m	TALYS-6a	0	[4,7,8,8]	11
+Tl-205(n,4n2a)Ir-194n	TALYS-6a	0	[4,7,8,8]	11
Tl-205(n,4npa)Pt-197g	TALYS-6a	0		12
Tl-205(n,4npa)Pt-197m	TALYS-6a	0		12
Pb-200(n,2nd)Tl-197g	TALYS-6a	0		25
Pb-200(n,2nd)Tl-197m	TALYS-6a	0		24
Pb-200(n,2n)Pb-199g	TALYS-6a	0	[4]	43
Pb-200(n,2n)Pb-199m	TALYS-6a	0	[4,7,8]	41
Pb-200(n,3n)Pb-198	TALYS-6a	0		30
Pb-200(n,n'a)Hg-196	TALYS-6a	0		100
Pb-200(n,n'3a)Os-188	TALYS-6a	0		100
Pb-200(n,2na)Hg-195g	TALYS-6a	0		39
Pb-200(n,2na)Hg-195m	TALYS-6a	0		39
Pb-200(n,3na)Hg-194	TALYS-6a	0	[8]	28
Pb-200(n,n'p)Tl-199	TALYS-6a	0	[8]	52
Pb-200(n,n'2a)Pt-192	TALYS-6a	0		100
Pb-200(n,2n2a)Pt-191	TALYS-6a	0	[8]	27
Pb-200(n,n'd)Tl-198g	TALYS-6a	0	[4,8]	33
Pb-200(n,n'd)Tl-198m	TALYS-6a	0	[4,7,8,8]	32
Pb-200(n,n't)Tl-197g	TALYS-6a	0		31
Pb-200(n,n't)Tl-197m	TALYS-6a	0		30
Pb-200(n,n'h)Hg-197g	TALYS-6a	0		29
Pb-200(n,n'h)Hg-197m	TALYS-6a	0		29
Pb-200(n,n't2a)Ir-189	TALYS-6	0	[8]	15
Pb-200(n,4n)Pb-197g	TALYS-6a	0		21
Pb-200(n,4n)Pb-197m	TALYS-6a	0		20
Pb-200(n,2np)Tl-198g	TALYS-6a	0	[4,8]	31
Pb-200(n,2np)Tl-198m	TALYS-6a	0	[4,7,8,8]	30
Pb-200(n,3np)Tl-197g	TALYS-6a	0		24
Pb-200(n,3np)Tl-197m	TALYS-6a	0		23
Pb-200(n,n'2p)Hg-198	TALYS-6a	0	[8]	31
Pb-200(n,n'pa)Au-195g	TALYS-6a	0		35
Pb-200(n,n'pa)Au-195m	TALYS-6a	0		35
Pb-200(n,g)Pb-201g	MASGAM	0	[14,13,4,6]	83
Pb-200(n,g)Pb-201m	MASGAM	0	[14,7,13,4,6]	83
Pb-200(n,p)Tl-200	TALYS-6a	0	[2]	100
Pb-200(n,d)Tl-199	TALYS-6a	0	[8]	59
Pb-200(n,t)Tl-198g	TALYS-6a	0	[4,8]	45
Pb-200(n,t)Tl-198m	TALYS-6a	0	[4,7,8,8]	44
Pb-200(n,h)Hg-198	TALYS-6a	0	[8]	45
Pb-200(n,a)Hg-197g	TALYS-6a	0	[2]	100
Pb-200(n,a)Hg-197m	TALYS-6a	0	[2]	100
Pb-200(n,2a)Pt-193g	TALYS-6a	0		100
Pb-200(n,2a)Pt-193m	TALYS-6a	0		100
Pb-200(n,2p)Hg-199g	TALYS-6a	0		45
Pb-200(n,2p)Hg-199m	TALYS-6a	0		44
Pb-200(n,pa)Au-196g	TALYS-6a	0	[4]	100
Pb-200(n,pa)Au-196m	TALYS-6a	0	[4,7]	100
Pb-200(n,pa)Au-196n	TALYS-6a	0	[7,4,7]	100
Pb-200(n,pd)Hg-198	TALYS-6a	0	[8]	33
Pb-200(n,pt)Hg-197g	TALYS-6a	0		29
Pb-200(n,pt)Hg-197m	TALYS-6a	0		29
Pb-200(n,da)Au-195g	TALYS-6a	0		36
Pb-200(n,da)Au-195m	TALYS-6a	0		35
Pb-200(n,5n)Pb-196	TALYS-6a	0		15
Pb-200(n,6n)Pb-195g	TALYS-6a	0		10
Pb-200(n,6n)Pb-195m	TALYS-6a	0		10
Pb-200(n,2nt)Tl-196g	TALYS-6a	0		21
Pb-200(n,2nt)Tl-196m	TALYS-6a	0		21
Pb-200(n,ta)Au-194g	TALYS-6a	0		31
Pb-200(n,ta)Au-194m	TALYS-6a	0		31
Pb-200(n,ta)Au-194n	TALYS-6a	0		30
Pb-200(n,4np)Tl-196g	TALYS-6a	0		15
Pb-200(n,4np)Tl-196m	TALYS-6a	0		15
Pb-200(n,3nd)Tl-196g	TALYS-6a	0		16
Pb-200(n,3nd)Tl-196m	TALYS-6a	0		16
Pb-200(n,n'da)Au-194g	TALYS-6a	0		25
Pb-200(n,n'da)Au-194m	TALYS-6a	0		25
Pb-200(n,n'da)Au-194n	TALYS-6a	0		24
Pb-200(n,2npa)Au-194g	TALYS-6a	0		24
Pb-200(n,2npa)Au-194m	TALYS-6a	0		24
Pb-200(n,2npa)Au-194n	TALYS-6a	0		24
Pb-200(n,5np)Tl-195g	TALYS-6a	0		12
Pb-200(n,5np)Tl-195m	TALYS-6a	0		12
Pb-200(n,6np)Tl-194g	TALYS-6a	0	[4,8]	7
Pb-200(n,6np)Tl-194m	TALYS-6a	0	[4,7,8,8]	6
Pb-200(n,4na)Hg-193g	TALYS-6a	0		19
Pb-200(n,4na)Hg-193m	TALYS-6a	0		19
Pb-200(n,5na)Hg-192	TALYS-6a	0	[8]	14
Pb-200(n,6na)Hg-191g	TALYS-6a	0	[4,8]	9
Pb-200(n,6na)Hg-191m	TALYS-6a	0	[4,7,8,8]	8
Pb-200(n,4nd)Tl-195g	TALYS-6a	0		12
Pb-200(n,4nd)Tl-195m	TALYS-6a	0		12
Pb-200(n,5nd)Tl-194g	TALYS-6a	0	[4,8]	8
Pb-200(n,5nd)Tl-194m	TALYS-6a	0	[4,7,8,8]	7
Pb-200(n,3nt)Tl-195g	TALYS-6a	0		15
Pb-200(n,3nt)Tl-195m	TALYS-6a	0		15
Pb-200(n,4nt)Tl-194g	TALYS-6a	0	[4,8]	10
Pb-200(n,4nt)Tl-194m	TALYS-6a	0	[4,7,8,8]	9
Pb-200(n,5nt)Tl-193g	TALYS-6a	0	[4,8]	6
Pb-200(n,5nt)Tl-193m	TALYS-6a	0	[4,7,8,8]	5
Pb-200(n,2nh)Hg-196	TALYS-6a	0	[8]	22
Pb-200(n,3nh)Hg-195g	TALYS-6a	0		15
Pb-200(n,3nh)Hg-195m	TALYS-6a	0		15
Pb-200(n,4nh)Hg-194	TALYS-6a	0	[8]	12
Pb-200(n,3n2p)Hg-196	TALYS-6a	0	[8]	16
Pb-200(n,3n2a)Pt-190	TALYS-6a	0	[8]	21
Pb-200(n,3npa)Au-193g	TALYS-6a	0		17
Pb-200(n,3npa)Au-193m	TALYS-6a	0		17
Pb-200(n,n'pd)Hg-197g	TALYS-6a	0		24
Pb-200(n,n'pd)Hg-197m	TALYS-6a	0		23
Pb-200(n,n'pt)Hg-196	TALYS-6a	0	[8]	22
Pb-200(n,n'dt)Hg-195g	TALYS-6a	0		15
Pb-200(n,n'dt)Hg-195m	TALYS-6a	0		15
Pb-200(n,n'ta)Au-193g	TALYS-6a	0		24
Pb-200(n,n'ta)Au-193m	TALYS-6a	0		23
Pb-200(n,2n2p)Hg-197g	TALYS-6a	0		22
Pb-200(n,2n2p)Hg-197m	TALYS-6a	0		22
Pb-200(n,ha)Pt-194	TALYS-6a	0	[8]	27
Pb-200(n,4n2p)Hg-195g	TALYS-6a	0		11
Pb-200(n,4n2p)Hg-195m	TALYS-6a	0		11
Pb-200(n,4n2a)Pt-189	TALYS-6a	0	[8]	14
Pb-200(n,4npa)Au-192g	TALYS-6a	0	[4,8]	12
Pb-200(n,4npa)Au-192m	TALYS-6a	0	[4,7,8,8]	11
+Pb-200(n,4npa)Au-192n	TALYS-6a	0	[4,7,8,8]	11
Pb-200(n,3n2pa)Pt-192	TALYS-6a	0	[8]	11
Pb-200(n,5n2p)Hg-194	TALYS-6a	0	[8]	8
Pb-201(n,2nd)Tl-198g	TALYS-6a	0		25
Pb-201(n,2nd)Tl-198m	TALYS-6a	0		24
Pb-201(n,2n)Pb-200	TALYS-6a	0		50
Pb-201(n,3n)Pb-199g	TALYS-6a	0	[4]	30
Pb-201(n,3n)Pb-199m	TALYS-6a	0	[4,7,8]	29
Pb-201(n,n'a)Hg-197g	TALYS-6a	0		100
Pb-201(n,n'a)Hg-197m	TALYS-6a	0		100
Pb-201(n,2na)Hg-196	TALYS-6a	0	[8]	43
Pb-201(n,3na)Hg-195g	TALYS-6a	0		28
Pb-201(n,3na)Hg-195m	TALYS-6a	0		28
Pb-201(n,n'p)Tl-200	TALYS-6a	0	[8]	51
Pb-201(n,n'2a)Pt-193g	TALYS-6a	0		100
Pb-201(n,n'2a)Pt-193m	TALYS-6a	0		100
Pb-201(n,2n2a)Pt-192	TALYS-6a	0	[8]	29
Pb-201(n,n'd)Tl-199	TALYS-6a	0	[8]	36
Pb-201(n,n't)Tl-198g	TALYS-6a	0		31
Pb-201(n,n't)Tl-198m	TALYS-6a	0		30
Pb-201(n,n'h)Hg-198	TALYS-6a	0	[8]	31
Pb-201(n,4n)Pb-198	TALYS-6a	0		23
Pb-201(n,2np)Tl-199	TALYS-6a	0	[8]	33
Pb-201(n,3np)Tl-198g	TALYS-6a	0		24
Pb-201(n,3np)Tl-198m	TALYS-6a	0		23
Pb-201(n,n'2p)Hg-199g	TALYS-6a	0	[4,8]	31
Pb-201(n,n'2p)Hg-199m	TALYS-6a	0	[4,7,8,8]	30
Pb-201(n,n'pa)Au-196g	TALYS-6a	0	[4]	33
Pb-201(n,n'pa)Au-196m	TALYS-6a	0	[4,7,8]	33
Pb-201(n,n'pa)Au-196n	TALYS-6a	0	[4,7,8]	32
Pb-201(n,g)Pb-202g	TALYS-6a	0	[14,4,6]	100
Pb-201(n,g)Pb-202m	TALYS-6a	0	[14,7,4,6]	100
Pb-201(n,p)Tl-201	TALYS-6a	0	[2]	100
Pb-201(n,d)Tl-200	TALYS-6a	0	[8]	59
Pb-201(n,t)Tl-199	TALYS-6a	0	[8]	52
Pb-201(n,h)Hg-199g	TALYS-6a	0	[4,8]	43
Pb-201(n,h)Hg-199m	TALYS-6a	0	[4,7,8,8]	42
Pb-201(n,a)Hg-198	TALYS-6a	0	[2]	100
Pb-201(n,2p)Hg-200	TALYS-6a	0	[8]	49
Pb-201(n,pa)Au-197g	TALYS-6a	0		100
Pb-201(n,pa)Au-197m	TALYS-6a	0		100
Pb-201(n,pd)Hg-199g	TALYS-6a	0		32
Pb-201(n,pd)Hg-199m	TALYS-6a	0	[4,7,8,8]	31
Pb-201(n,pt)Hg-198	TALYS-6a	0	[8]	31

Reaction	Library			
Pb-201(n,5n)Pb-197g	TALYS-6a	0		15
Pb-201(n,5n)Pb-197m	TALYS-6a	0		15
Pb-201(n,6n)Pb-196	TALYS-6a	0		11
Pb-201(n,2nt)Tl-197g	TALYS-6a	0		23
Pb-201(n,2nt)Tl-197m	TALYS-6a	0		23
Pb-201(n,4np)Tl-197g	TALYS-6a	0		16
Pb-201(n,4np)Tl-197m	TALYS-6a	0		16
Pb-201(n,3nd)Tl-197g	TALYS-6a	0		18
Pb-201(n,3nd)Tl-197m	TALYS-6a	0		17
Pb-201(n,n'da)Au-195g	TALYS-6a	0		26
Pb-201(n,n'da)Au-195m	TALYS-6a	0		26
Pb-201(n,2npa)Au-195g	TALYS-6a	0		26
Pb-201(n,2npa)Au-195m	TALYS-6a	0		25
Pb-201(n,7n)Pb-195g	TALYS-6a	0		6
Pb-201(n,7n)Pb-195m	TALYS-6a	0		6
Pb-201(n,5np)Tl-196g	TALYS-6a	0		12
Pb-201(n,5np)Tl-196m	TALYS-6a	0		12
Pb-201(n,6np)Tl-195g	TALYS-6a	0		8
Pb-201(n,6np)Tl-195m	TALYS-6a	0		8
Pb-201(n,4na)Hg-194	TALYS-6a	0	[8]	21
Pb-201(n,5na)Hg-193g	TALYS-6a	0		14
Pb-201(n,5na)Hg-193m	TALYS-6a	0		14
Pb-201(n,6na)Hg-192	TALYS-6a	0	[8]	10
Pb-201(n,4nd)Tl-196g	TALYS-6a	0		12
Pb-201(n,4nd)Tl-196m	TALYS-6a	0		12
Pb-201(n,5nd)Tl-195g	TALYS-6a	0		9
Pb-201(n,5nd)Tl-195m	TALYS-6a	0		9
Pb-201(n,3nt)Tl-196g	TALYS-6a	0		15
Pb-201(n,3nt)Tl-196m	TALYS-6a	0		15
Pb-201(n,4nt)Tl-195g	TALYS-6a	0		12
Pb-201(n,4nt)Tl-195m	TALYS-6a	0		11
Pb-201(n,5nt)Tl-194g	TALYS-6a	0	[4,8]	7
Pb-201(n,5nt)Tl-194m	TALYS-6a	0	[4,7,8,8]	6
Pb-201(n,2nh)Hg-197g	TALYS-6a	0		22
Pb-201(n,2nh)Hg-197m	TALYS-6a	0		22
Pb-201(n,3nh)Hg-196	TALYS-6a	0	[8]	16
Pb-201(n,4nh)Hg-195g	TALYS-6a	0		11
Pb-201(n,4nh)Hg-195m	TALYS-6a	0		11
Pb-201(n,3n2p)Hg-197g	TALYS-6a	0		16
Pb-201(n,3n2p)Hg-197m	TALYS-6a	0		16
Pb-201(n,3n2a)Pt-191	TALYS-6a	0	[8]	19
Pb-201(n,3npa)Au-194g	TALYS-6a	0		17
Pb-201(n,3npa)Au-194m	TALYS-6a	0		17
Pb-201(n,3npa)Au-194n	TALYS-6a	0		16
Pb-201(n,n'pd)Hg-198	TALYS-6a	0	[8]	25
Pb-201(n,n'pt)Hg-197g	TALYS-6a	0		22
Pb-201(n,n'pt)Hg-197m	TALYS-6a	0		22
Pb-201(n,n'dt)Hg-196	TALYS-6a	0	[8]	16
Pb-201(n,n'ph)Au-197g	TALYS-6a	0		16
Pb-201(n,n'ph)Au-197m	TALYS-6a	0		16
Pb-201(n,n'ta)Au-194g	TALYS-6a	0		23
Pb-201(n,n'ta)Au-194m	TALYS-6a	0		23
Pb-201(n,n'ta)Au-194n	TALYS-6a	0		23
Pb-201(n,2n2p)Hg-198	TALYS-6a	0	[8]	24
Pb-201(n,4n2p)Hg-196	TALYS-6a	0	[8]	12
Pb-201(n,4n2a)Pt-190	TALYS-6a	0	[8]	14
Pb-201(n,4npa)Au-193g	TALYS-6a	0		13
Pb-201(n,4npa)Au-193m	TALYS-6a	0		13
Pb-202(n,n')Pb-202m	TALYS-6a	0		75
Pb-202(n,2nd)Tl-199	TALYS-6a	0	[8]	25
Pb-202(n,2n)Pb-201g	TALYS-6a	0		44
Pb-202(n,2n)Pb-201m	TALYS-6a	0		43
Pb-202(n,3n)Pb-200	TALYS-6a	0		31
Pb-202(n,n'a)Hg-198	TALYS-6a	0		100
Pb-202(n,2na)Hg-197g	TALYS-6a	0		39
Pb-202(n,2na)Hg-197m	TALYS-6a	0		38
Pb-202(n,3na)Hg-196	TALYS-6a	0	[8]	28
Pb-202(n,n'p)Tl-201	TALYS-6a	0	[8]	49
Pb-202(n,n'2a)Pt-194	TALYS-6a	0		100
Pb-202(n,2n2a)Pt-193g	TALYS-6a	0		25
Pb-202(n,2n2a)Pt-193m	TALYS-6a	0		26
Pb-202(n,n'd)Tl-200	TALYS-6a	0	[8]	33
Pb-202(n,n't)Tl-199	TALYS-6a	0	[8]	31
Pb-202(n,n'h)Hg-199g	TALYS-6a	0		29
Pb-202(n,n'h)Hg-199m	TALYS-6a	0		28
Pb-202(n,4n)Pb-199g	TALYS-6a	0	[4]	21
Pb-202(n,4n)Pb-199m	TALYS-6a	0	[4,7,8]	20
Pb-202(n,2np)Tl-200	TALYS-6a	0	[8]	31
Pb-202(n,3np)Tl-199	TALYS-6a	0	[8]	24
Pb-202(n,n'2p)Hg-200	TALYS-6a	0	[8]	30
Pb-202(n,n'pa)Au-197g	TALYS-6a	0		32
Pb-202(n,n'pa)Au-197m	TALYS-6a	0		31
Pb-202(n,g)Pb-203g	MASGAM	0	[14,13,4,6]	83
Pb-202(n,g)Pb-203m	MASGAM	0	[14,7,13,4,6]	83
Pb-202(n,g)Pb-203n	MASGAM	0	[14,7,13,4,6]	83
Pb-202(n,p)Tl-202	TALYS-6a	0	[2]	100
Pb-202(n,d)Tl-201	TALYS-6a	0	[8]	56
Pb-202(n,t)Tl-200	TALYS-6a	0	[8]	45
Pb-202(n,h)Hg-200	TALYS-6a	0	[8]	42
Pb-202(n,a)Hg-199g	TALYS-6a	0	[2]	100
Pb-202(n,a)Hg-199m	TALYS-6a	0	[2]	100
Pb-202(n,2a)Pt-195g	TALYS-6a	0		100
Pb-202(n,2a)Pt-195m	TALYS-6a	0		100
Pb-202(n,2p)Hg-201	TALYS-6a	0	[8]	41
Pb-202(n,pa)Au-198g	TALYS-6a	0	[4]	100
Pb-202(n,pa)Au-198m	TALYS-6a	0	[7,4,7]	100
Pb-202(n,pd)Hg-200	TALYS-6a	0	[8]	31
Pb-202(n,da)Au-197g	TALYS-6a	0		33
Pb-202(n,da)Au-197m	TALYS-6a	0		32
Pb-202(n,5n)Pb-198	TALYS-6a	0		15
Pb-202(n,6n)Pb-197g	TALYS-6a	0		11
Pb-202(n,6n)Pb-197m	TALYS-6a	0		10
Pb-202(n,2nt)Tl-198g	TALYS-6a	0		22
Pb-202(n,2nt)Tl-198m	TALYS-6a	0		21
Pb-202(n,ta)Au-196g	TALYS-6a	0	[4]	30
Pb-202(n,ta)Au-196m	TALYS-6a	0	[4,7,8]	30
Pb-202(n,ta)Au-196n	TALYS-6a	0	[4,7,8]	29
Pb-202(n,4np)Tl-198g	TALYS-6a	0		16
Pb-202(n,4np)Tl-198m	TALYS-6a	0		15
Pb-202(n,3nd)Tl-198g	TALYS-6a	0		16
Pb-202(n,3nd)Tl-198m	TALYS-6a	0		16
Pb-202(n,n'da)Au-196g	TALYS-6a	0	[4]	24
Pb-202(n,n'da)Au-196m	TALYS-6a	0	[4,7,8]	24
Pb-202(n,n'da)Au-196n	TALYS-6a	0	[4,7,8]	23
Pb-202(n,2npa)Au-196g	TALYS-6a	0	[4]	23
Pb-202(n,2npa)Au-196m	TALYS-6a	0	[4,7,8]	23
Pb-202(n,2npa)Au-196n	TALYS-6a	0	[4,7,8]	22
Pb-202(n,7n)Pb-196	TALYS-6a	0		7
Pb-202(n,5np)Tl-197g	TALYS-6a	0		12
Pb-202(n,5np)Tl-197m	TALYS-6a	0		12
Pb-202(n,6np)Tl-196g	TALYS-6a	0		7
Pb-202(n,6np)Tl-196m	TALYS-6a	0		7
Pb-202(n,4na)Hg-195g	TALYS-6a	0		19
Pb-202(n,4na)Hg-195m	TALYS-6a	0		19
Pb-202(n,5na)Hg-194	TALYS-6a	0	[8]	14
Pb-202(n,6na)Hg-193g	TALYS-6a	0		9
Pb-202(n,6na)Hg-193m	TALYS-6a	0		9
Pb-202(n,4nd)Tl-197g	TALYS-6a	0		13
Pb-202(n,4nd)Tl-197m	TALYS-6a	0		12
Pb-202(n,5nd)Tl-196g	TALYS-6a	0		8
Pb-202(n,5nd)Tl-196m	TALYS-6a	0		8
Pb-202(n,3nt)Tl-197g	TALYS-6a	0		15
Pb-202(n,3nt)Tl-197m	TALYS-6a	0		15
Pb-202(n,4nt)Tl-196g	TALYS-6a	0		11
Pb-202(n,4nt)Tl-196m	TALYS-6a	0		11
Pb-202(n,5nt)Tl-195g	TALYS-6a	0		7
Pb-202(n,5nt)Tl-195m	TALYS-6a	0		7
Pb-202(n,2nh)Hg-198	TALYS-6a	0	[8]	22
Pb-202(n,3nh)Hg-197g	TALYS-6a	0		15
Pb-202(n,3nh)Hg-197m	TALYS-6a	0		15
Pb-202(n,4nh)Hg-196	TALYS-6a	0	[8]	11
Pb-202(n,3n2p)Hg-198	TALYS-6a	0	[8]	16
Pb-202(n,3n2a)Pt-192	TALYS-6a	0	[8]	19
Pb-202(n,3npa)Au-195g	TALYS-6a	0		16
Pb-202(n,3npa)Au-195m	TALYS-6a	0		16
Pb-202(n,n'pd)Hg-199g	TALYS-6a	0		23
Pb-202(n,n'pd)Hg-199m	TALYS-6a	0		22
Pb-202(n,n'pt)Hg-198	TALYS-6a	0	[8]	22
Pb-202(n,n'dt)Hg-197g	TALYS-6a	0		15
Pb-202(n,n'dt)Hg-197m	TALYS-6a	0		15
Pb-202(n,n'ta)Au-195g	TALYS-6a	0		23
Pb-202(n,n'ta)Au-195m	TALYS-6a	0		23
Pb-202(n,2n2p)Hg-199g	TALYS-6a	0		21
Pb-202(n,2n2p)Hg-199m	TALYS-6a	0		21
Pb-202(n,ha)Pt-196	TALYS-6a	0	[8]	24
Pb-202(n,4n2p)Hg-197g	TALYS-6a	0		11
Pb-202(n,4n2p)Hg-197m	TALYS-6a	0		11
Pb-202(n,4n2a)Pt-191	TALYS-6a	0	[8]	13
Pb-202(n,4npa)Au-194g	TALYS-6a	0		12
Pb-202(n,4npa)Au-194m	TALYS-6a	0		12
Pb-202(n,4npa)Au-194n	TALYS-6a	0		12
Pb-202(n,3n2pa)Pt-194	TALYS-6	0	[8]	10
Pb-203(n,n')Pb-203m	TALYS-6a	0		82
Pb-203(n,n')Pb-203n	TALYS-6a	0		82
Pb-203(n,2nd)Tl-200	TALYS-6a	0	[8]	25
Pb-203(n,2n)Pb-202g	TALYS-6a	0	[4]	51
Pb-203(n,2n)Pb-202m	TALYS-6a	0	[4,7,8]	42
Pb-203(n,3n)Pb-201g	TALYS-6a	0		31
Pb-203(n,3n)Pb-201m	TALYS-6a	0		30
Pb-203(n,n'a)Hg-199g	TALYS-6a	0		100
Pb-203(n,n'a)Hg-199m	TALYS-6a	0		100
Pb-203(n,2na)Hg-198	TALYS-6a	0	[8]	42
Pb-203(n,3na)Hg-197g	TALYS-6a	0		28
Pb-203(n,3na)Hg-197m	TALYS-6a	0		28
Pb-203(n,n'p)Tl-202	TALYS-6a	0	[8]	48
Pb-203(n,n'2a)Pt-195g	TALYS-6a	0		100
Pb-203(n,n'2a)Pt-195m	TALYS-6a	0		100
Pb-203(n,2n2a)Pt-194	TALYS-6a	0	[8]	27
Pb-203(n,n'd)Tl-201	TALYS-6a	0	[8]	35
Pb-203(n,n't)Tl-200	TALYS-6a	0	[8]	31
Pb-203(n,n'h)Hg-200	TALYS-6a	0	[8]	30
Pb-203(n,4n)Pb-200	TALYS-6a	0		24
Pb-203(n,2np)Tl-201	TALYS-6a	0	[8]	33
Pb-203(n,3np)Tl-200	TALYS-6a	0	[8]	24
Pb-203(n,n'2p)Hg-201	TALYS-6a	0	[8]	29
Pb-203(n,n'pa)Au-198g	TALYS-6a	0	[4,8]	31
Pb-203(n,n'pa)Au-198m	TALYS-6a	0	[4,7,8,8]	30
Pb-203(n,g)Pb-204g	MASGAM	0	[14,13,4,6]	83
Pb-203(n,g)Pb-204m	MASGAM	0	[14,7,13,4,6]	83
Pb-203(n,p)Tl-203	TALYS-6a	0	[2]	100
Pb-203(n,d)Tl-202	TALYS-6a	0	[8]	56
Pb-203(n,t)Tl-201	TALYS-6a	0	[8]	50
Pb-203(n,h)Hg-201	TALYS-6a	0	[8]	40
Pb-203(n,a)Hg-200	TALYS-6a	0	[2]	100
Pb-203(n,2a)Pt-196	TALYS-6a	0		100
Pb-203(n,2p)Hg-202	TALYS-6a	0	[8]	43
Pb-203(n,pa)Au-199	TALYS-6a	0		100
Pb-203(n,pd)Hg-201	TALYS-6a	0	[8]	30
Pb-203(n,da)Au-198g	TALYS-6a	0	[4,8]	32
Pb-203(n,da)Au-198m	TALYS-6a	0	[4,7,8,8]	31
Pb-203(n,5n)Pb-199g	TALYS-6a	0	[4]	15
Pb-203(n,5n)Pb-199m	TALYS-6a	0	[4,7,8]	14
Pb-203(n,6n)Pb-198	TALYS-6a	0		12
Pb-203(n,2nt)Tl-199	TALYS-6a	0	[8]	24
Pb-203(n,ta)Au-197g	TALYS-6a	0		31
Pb-203(n,ta)Au-197m	TALYS-6a	0		31
Pb-203(n,4np)Tl-199	TALYS-6a	0	[8]	16
Pb-203(n,3nd)Tl-199	TALYS-6a	0	[8]	18
Pb-203(n,n'da)Au-197g	TALYS-6a	0		25
Pb-203(n,n'da)Au-197m	TALYS-6a	0		25
Pb-203(n,2npa)Au-197g	TALYS-6a	0		24
Pb-203(n,2npa)Au-197m	TALYS-6a	0		24
Pb-203(n,7n)Pb-197g	TALYS-6a	0		7
Pb-203(n,7n)Pb-197m	TALYS-6a	0		7
Pb-203(n,5np)Tl-198g	TALYS-6a	0		12
Pb-203(n,5np)Tl-198m	TALYS-6a	0		12
Pb-203(n,6np)Tl-197g	TALYS-6a	0		9
Pb-203(n,6np)Tl-197m	TALYS-6a	0		8

Reaction	Library		Value
Pb-203(n,4na)Hg-196	TALYS-6a	0 [8]	21
Pb-203(n,5na)Hg-195g	TALYS-6a	0	14
Pb-203(n,5na)Hg-195m	TALYS-6a	0	14
Pb-203(n,6na)Hg-194	TALYS-6a	0 [8]	11
Pb-203(n,4nd)Tl-198g	TALYS-6a	0	13
Pb-203(n,4nd)Tl-198m	TALYS-6a	0	13
Pb-203(n,5nd)Tl-197g	TALYS-6a	0	9
Pb-203(n,5nd)Tl-197m	TALYS-6a	0	9
Pb-203(n,3nt)Tl-198g	TALYS-6a	0	16
Pb-203(n,3nt)Tl-198m	TALYS-6a	0	15
Pb-203(n,4nt)Tl-197g	TALYS-6a	0	12
Pb-203(n,4nt)Tl-197m	TALYS-6a	0	12
Pb-203(n,5nt)Tl-196g	TALYS-6a	0	7
Pb-203(n,5nt)Tl-196m	TALYS-6a	0	7
Pb-203(n,2nh)Hg-199g	TALYS-6a	0	22
Pb-203(n,2nh)Hg-199m	TALYS-6a	0	21
Pb-203(n,3nh)Hg-198	TALYS-6a	0 [8]	16
Pb-203(n,4nh)Hg-197g	TALYS-6a	0	11
Pb-203(n,4nh)Hg-197m	TALYS-6a	0	11
Pb-203(n,3n2p)Hg-199g	TALYS-6a	0	15
Pb-203(n,3n2p)Hg-199m	TALYS-6a	0	15
Pb-203(n,3n2a)Pt-193g	TALYS-6a	0	18
Pb-203(n,3n2a)Pt-193m	TALYS-6a	0	18
Pb-203(n,3npa)Au-196g	TALYS-6a	0 [4]	16
Pb-203(n,3npa)Au-196m	TALYS-6a	0 [4,7,8]	16
Pb-203(n,3npa)Au-196n	TALYS-6a	0 [4,7,8]	15
Pb-203(n,n'pd)Hg-200	TALYS-6a	0 [8]	24
Pb-203(n,n'pt)Hg-199g	TALYS-6a	0	21
Pb-203(n,n'pt)Hg-199m	TALYS-6a	0	21
Pb-203(n,n'dt)Hg-198	TALYS-6a	0 [8]	15
Pb-203(n,n'ta)Au-196g	TALYS-6a	0 [4]	22
Pb-203(n,n'ta)Au-196m	TALYS-6a	0 [4,7,8]	22
Pb-203(n,n'ta)Au-196n	TALYS-6a	0 [4,7,8]	21
Pb-203(n,2n2p)Hg-200	TALYS-6a	0 [8]	23
Pb-203(n,4n2p)Hg-198	TALYS-6a	0 [8]	12
Pb-203(n,4n2a)Pt-192	TALYS-6a	0 [8]	14
Pb-203(n,4npa)Au-195g	TALYS-6a	0	13
Pb-203(n,4npa)Au-195m	TALYS-6a	0	13
Pb-204(n,n')Pb-204m	ADL-3	6 [13,4,5]	55
Pb-204(n,2nd)Tl-201	TALYS-6a	0 [8]	25
Pb-204(n,2n)Pb-203g	ADL-3	2 [13,4,3]	45
Pb-204(n,2n)Pb-203m	ADL-3	5 [13,4,7,8,3]	43
Pb-204(n,2n)Pb-203n	ADL-3	2 [13,4,7,8,3]	40
Pb-204(n,3n)Pb-202g	TALYS-6a	0 [4]	31
Pb-204(n,3n)Pb-202m	JENDL-3.2/A	4 [13,12]	32
Pb-204(n,n'a)Hg-200	TALYS-6a	0	100
Pb-204(n,2na)Hg-199g	TALYS-6a	0	39
Pb-204(n,2na)Hg-199m	TALYS-6a	0	37
Pb-204(n,3na)Hg-198	TALYS-6a	0 [8]	28
Pb-204(n,n'p)Tl-203	TALYS-6a	0 [8]	46
Pb-204(n,n'2a)Pt-196	TALYS-6a	0	100
Pb-204(n,2n2a)Pt-195g	TALYS-6a	0	24
Pb-204(n,2n2a)Pt-195m	TALYS-6a	0	24
Pb-204(n,n'd)Tl-202	TALYS-6a	0 [8]	32
Pb-204(n,n't)Tl-201	TALYS-6a	0 [8]	31
Pb-204(n,n'h)Hg-201	TALYS-6a	0 [8]	27
Pb-204(n,4n)Pb-201g	TALYS-6a	0	22
Pb-204(n,4n)Pb-201m	TALYS-6a	0	22
Pb-204(n,2np)Tl-202	TALYS-6a	0 [8]	30
Pb-204(n,3np)Tl-201	TALYS-6a	0 [8]	23
Pb-204(n,n'2p)Hg-202	TALYS-6a	0 [8]	28
Pb-204(n,n'pa)Au-199	TALYS-6a	0 [8]	30
+Pb-204(n,g)Pb-205g	JENDL-3.1	4 [14,13,4,6]	4760
+Pb-204(n,g)Pb-205m	JENDL-3.1	0 [14,7,13,4,6]	4760
Pb-204(n,p)Tl-204	TALYS-6a	0 [2]	100
Pb-204(n,d)Tl-203	TALYS-6a	0 [8]	53
Pb-204(n,t)Tl-202	TALYS-6a	2 [8]	44
Pb-204(n,h)Hg-202	TALYS-6a	0 [8]	39
Pb-204(n,a)Hg-201	TALYS-6a	0 [9,2,3]	9485
Pb-204(n,2a)Pt-197g	TALYS-6a	0	100
Pb-204(n,2a)Pt-197m	TALYS-6a	0	100
Pb-204(n,2p)Hg-203	TALYS-6a	0 [8]	37
Pb-204(n,pa)Au-200g	TALYS-6a	0 [4]	100
Pb-204(n,pa)Au-200m	TALYS-6a	0 [4,7,8,10]	85
Pb-204(n,pd)Hg-202	TALYS-6a	0 [8]	29
Pb-204(n,da)Au-199	TALYS-6a	0 [8]	31
Pb-204(n,5n)Pb-200	TALYS-6a	0	16
Pb-204(n,6n)Pb-199g	TALYS-6a	0 [4]	11
Pb-204(n,6n)Pb-199m	TALYS-6a	0 [4,7,8]	10
Pb-204(n,2nt)Tl-200	TALYS-6a	0 [8]	22
Pb-204(n,ta)Au-198g	TALYS-6a	0 [4,8]	29
Pb-204(n,ta)Au-198m	TALYS-6a	0 [4,7,8,8]	28
Pb-204(n,4np)Tl-200	TALYS-6a	0 [8]	16
Pb-204(n,3nd)Tl-200	TALYS-6a	0 [8]	17
Pb-204(n,n'da)Au-198g	TALYS-6a	0 [4,8]	23
Pb-204(n,n'da)Au-198m	TALYS-6a	0 [4,7,8,8]	22
Pb-204(n,2npa)Au-198g	TALYS-6a	0 [4,8]	22
Pb-204(n,2npa)Au-198m	TALYS-6a	0 [4,7,8,8]	21
Pb-204(n,7n)Pb-198	TALYS-6a	0	8
Pb-204(n,5np)Tl-199	TALYS-6a	0 [8]	12
Pb-204(n,6np)Tl-198g	TALYS-6a	0	8
Pb-204(n,6np)Tl-198m	TALYS-6a	0	8
Pb-204(n,4na)Hg-197g	TALYS-6a	0	19
Pb-204(n,4na)Hg-197m	TALYS-6a	0	19
Pb-204(n,5na)Hg-196	TALYS-6a	0 [8]	15
Pb-204(n,6na)Hg-195g	TALYS-6a	0	10
Pb-204(n,6na)Hg-195m	TALYS-6a	0	10
Pb-204(n,4nd)Tl-199	TALYS-6a	0 [8]	13
Pb-204(n,5nd)Tl-198g	TALYS-6a	0	9
Pb-204(n,5nd)Tl-198m	TALYS-6a	0	8
Pb-204(n,3nt)Tl-199	TALYS-6a	0 [8]	16
Pb-204(n,4nt)Tl-198g	TALYS-6a	0	11
Pb-204(n,4nt)Tl-198m	TALYS-6a	0	11
Pb-204(n,5nt)Tl-197g	TALYS-6a	0	7
Pb-204(n,5nt)Tl-197m	TALYS-6a	0	7
Pb-204(n,2nh)Hg-200	TALYS-6a	0 [8]	21
Pb-204(n,3nh)Hg-199g	TALYS-6a	0	15
Pb-204(n,3nh)Hg-199m	TALYS-6a	0	15
Pb-204(n,4nh)Hg-198	TALYS-6a	0 [8]	12
Pb-204(n,3n2p)Hg-200	TALYS-6a	0 [8]	15
Pb-204(n,3n2a)Pt-194	TALYS-6a	0 [8]	18
Pb-204(n,3npa)Au-197g	TALYS-6a	0	16
Pb-204(n,3npa)Au-197m	TALYS-6a	0	16
Pb-204(n,n'pd)Hg-201	TALYS-6a	0 [8]	21
Pb-204(n,n'pt)Hg-200	TALYS-6a	0 [8]	21
Pb-204(n,n'ta)Au-197g	TALYS-6a	0	22
Pb-204(n,n'ta)Au-197m	TALYS-6a	0	22
Pb-204(n,2n2p)Hg-201	TALYS-6a	0 [8]	20
Pb-204(n,4n2p)Hg-199g	TALYS-6a	0	11
Pb-204(n,4n2p)Hg-199m	TALYS-6a	0	11
Pb-204(n,4n2a)Pt-193g	TALYS-6a	0	12
Pb-204(n,4n2a)Pt-193m	TALYS-6a	0	13
Pb-204(n,4npa)Au-196g	TALYS-6a	0 [4]	12
Pb-204(n,4npa)Au-196m	TALYS-6a	0 [4,7,8]	12
Pb-204(n,4npa)Au-196n	TALYS-6a	0 [4,7,8]	11
Pb-205(n,2nd)Tl-202	TALYS-6a	0 [8]	25
Pb-205(n,2n)Pb-204g	TALYS-6a	0 [4]	52
Pb-205(n,2n)Pb-204m	TALYS-6a	0 [4,7,8]	43
Pb-205(n,3n)Pb-203g	TALYS-6a	0 [4]	31
Pb-205(n,3n)Pb-203m	TALYS-6a	0 [4,7,8]	29
Pb-205(n,3n)Pb-203n	TALYS-6a	0 [4,7,8]	27
Pb-205(n,n'a)Hg-201	TALYS-6a	0	100
Pb-205(n,2na)Hg-200	TALYS-6a	0 [8]	41
Pb-205(n,3na)Hg-199g	TALYS-6a	0	28
Pb-205(n,3na)Hg-199m	TALYS-6a	0	28
Pb-205(n,n'p)Tl-204	TALYS-6a	0 [8]	45
Pb-205(n,n'2a)Pt-197g	TALYS-6a	0	100
Pb-205(n,n'2a)Pt-197m	TALYS-6a	0	100
Pb-205(n,2n2a)Pt-196	TALYS-6a	0 [8]	25
Pb-205(n,n'd)Tl-203	TALYS-6a	0 [8]	34
Pb-205(n,n't)Tl-202	TALYS-6a	0 [8]	31
Pb-205(n,n'h)Hg-202	TALYS-6a	0 [8]	28
Pb-205(n,4n)Pb-202g	TALYS-6a	0 [4]	24
Pb-205(n,4n)Pb-202m	TALYS-6a	0 [4,7,8]	21
Pb-205(n,2np)Tl-203	TALYS-6a	0 [8]	32
Pb-205(n,3np)Tl-202	TALYS-6a	0 [8]	24
Pb-205(n,n'2p)Hg-203	TALYS-6a	0 [8]	27
Pb-205(n,n'pa)Au-200g	TALYS-6a	0 [4,8]	29
Pb-205(n,n'pa)Au-200m	TALYS-6a	0 [4,7,8,8]	28
Pb-205(n,g)Pb-206	MASGAM	4 [14,13]	66
Pb-205(n,p)Tl-205	TALYS-6a	0 [2]	100
Pb-205(n,d)Tl-204	TALYS-6a	0 [8]	53
Pb-205(n,t)Tl-203	TALYS-6a	0 [8]	48
Pb-205(n,h)Hg-203	TALYS-6a	0 [8]	37
Pb-205(n,a)Hg-202	TALYS-6a	0 [2]	100
Pb-205(n,2a)Pt-198	TALYS-6a	0	100
Pb-205(n,2p)Hg-204	TALYS-6a	0 [8]	38
Pb-205(n,pa)Au-201	TALYS-6a	0	100
Pb-205(n,pd)Hg-203	TALYS-6a	0 [8]	28
Pb-205(n,da)Au-200g	TALYS-6a	0 [4,8]	30
Pb-205(n,da)Au-200m	TALYS-6a	0 [4,7,8,8]	29
Pb-205(n,5n)Pb-201g	TALYS-6a	0	16
Pb-205(n,5n)Pb-201m	TALYS-6a	0	16
Pb-205(n,6n)Pb-200	TALYS-6a	0	12
Pb-205(n,2nt)Tl-201	TALYS-6a	0 [8]	24
Pb-205(n,ta)Au-199	TALYS-6a	0 [8]	30
Pb-205(n,4np)Tl-201	TALYS-6a	0 [8]	16
Pb-205(n,3nd)Tl-201	TALYS-6a	0 [8]	18
Pb-205(n,n'da)Au-199	TALYS-6a	0 [8]	24
Pb-205(n,2npa)Au-199	TALYS-6a	0 [8]	23
Pb-205(n,7n)Pb-199g	TALYS-6a	0 [4]	8
Pb-205(n,7n)Pb-199m	TALYS-6a	0 [4,7,8]	7
Pb-205(n,8n)Pb-198	TALYS-6a	0	4
Pb-205(n,5np)Tl-200	TALYS-6a	0 [8]	12
Pb-205(n,6np)Tl-199	TALYS-6a	0 [8]	9
Pb-205(n,4na)Hg-198	TALYS-6a	0 [8]	21
Pb-205(n,5na)Hg-197g	TALYS-6a	0	14
Pb-205(n,5na)Hg-197m	TALYS-6a	0	14
Pb-205(n,6na)Hg-196	TALYS-6a	0 [8]	11
Pb-205(n,4nd)Tl-200	TALYS-6a	0 [8]	13
Pb-205(n,5nd)Tl-199	TALYS-6a	0 [8]	9
Pb-205(n,3nt)Tl-200	TALYS-6a	0 [8]	16
Pb-205(n,4nt)Tl-199	TALYS-6a	0 [8]	12
Pb-205(n,5nt)Tl-198g	TALYS-6a	0	8
Pb-205(n,5nt)Tl-198m	TALYS-6a	0	8
Pb-205(n,2nh)Hg-201	TALYS-6a	0 [8]	21
Pb-205(n,3nh)Hg-200	TALYS-6a	0 [8]	15
Pb-205(n,4nh)Hg-199g	TALYS-6a	0	11
Pb-205(n,4nh)Hg-199m	TALYS-6a	0	11
Pb-205(n,3n2p)Hg-201	TALYS-6a	0 [8]	15
Pb-205(n,3n2a)Pt-195g	TALYS-6a	0	16
Pb-205(n,3n2a)Pt-195m	TALYS-6a	0	17
Pb-205(n,3npa)Au-198g	TALYS-6a	0 [4,8]	16
Pb-205(n,3npa)Au-198m	TALYS-6a	0 [4,7,8,8]	15
Pb-205(n,n'pd)Hg-202	TALYS-6a	0 [8]	22
Pb-205(n,n'pt)Hg-201	TALYS-6a	0 [8]	20
Pb-205(n,n'ta)Au-198g	TALYS-6a	0 [4,8]	22
Pb-205(n,n'ta)Au-198m	TALYS-6a	0 [4,7,8,8]	21
Pb-205(n,2n2p)Hg-202	TALYS-6a	0 [8]	21
Pb-205(n,4n2p)Hg-200	TALYS-6a	0 [8]	12
Pb-205(n,4n2a)Pt-194	TALYS-6a	0 [8]	13
Pb-205(n,4npa)Au-197g	TALYS-6a	0	12
Pb-205(n,4npa)Au-197m	TALYS-6a	0	12
Pb-206(n,2nd)Tl-203	TALYS-6a	0 [8]	25
+Pb-206(n,2n)Pb-205g	FENDL/A-1	4 [13,4]	47
+Pb-206(n,2n)Pb-205m	FENDL/A-1	0 [13,4,7,8]	41
Pb-206(n,3n)Pb-204g	TALYS-6a	0 [4]	32
Pb-206(n,3n)Pb-204m	ENDF/B-VI	4 [13,4,7,8,3]	28
Pb-206(n,n'a)Hg-202	TALYS-6a	0	100
Pb-206(n,2na)Hg-201	TALYS-6a	0 [8]	37
Pb-206(n,3na)Hg-200	TALYS-6a	0 [8]	28
Pb-206(n,n'p)Tl-205	TALYS-6a	0 [8]	44
Pb-206(n,n'2a)Pt-198	TALYS-6a	0	100
Pb-206(n,2n2a)Pt-197g	TALYS-6a	0	22
Pb-206(n,2n2a)Pt-197m	TALYS-6a	0	23
Pb-206(n,n'd)Tl-204	TALYS-6a	0 [8]	32
Pb-206(n,n't)Tl-203	TALYS-6a	0 [8]	31
Pb-206(n,n'h)Hg-203	TALYS-6a	0 [8]	26

Reaction	Library		Refs	Value
Pb-206(n,4n)Pb-203g	TALYS-6a	0	[4]	23
Pb-206(n,4n)Pb-203m	TALYS-6a	0	[4,7,8]	21
Pb-206(n,4n)Pb-203n	TALYS-6a	0	[4,7,8]	19
Pb-206(n,2np)Tl-204	TALYS-6a	0	[8]	30
Pb-206(n,3np)Tl-203	TALYS-6a	0	[8]	23
Pb-206(n,n'2p)Hg-204	TALYS-6a	0	[8]	26
Pb-206(n,n'pa)Au-201	TALYS-6a	0	[8,7,8]	29
Pb-206(n,g)Pb-207g	ENDF/B-VI	4	[13,4,6]	
62426				
Pb-206(n,g)Pb-207m	ENDF/B-VI	2	[7,13,4,6]	
62426				
Pb-206(n,p)Tl-206g	TALYS-6a	0	[4,2,8]	75
Pb-206(n,p)Tl-206m	TALYS-6a	0	[4,7,8,2,8]	66
Pb-206(n,d)Tl-205	TALYS-6a	0	[8]	50
Pb-206(n,t)Tl-204	TALYS-6a	0	[8]	44
Pb-206(n,h)Hg-204	TALYS-6a	0	[8]	36
Pb-206(n,a)Hg-203	TALYS-5	6	[9,3]	
29151				
Pb-206(n,2a)Pt-199g	TALYS-6a	0		100
Pb-206(n,2a)Pt-199m	TALYS-6a	0		100
Pb-206(n,2p)Hg-205	TALYS-6a	0	[8]	33
Pb-206(n,pa)Au-202	TALYS-6a	0	[8]	31
Pb-206(n,pd)Hg-204	TALYS-6a	0	[8]	28
Pb-206(n,da)Au-201	TALYS-6a	0	[8,7,8]	30
Pb-206(n,5n)Pb-202g	TALYS-6a	0	[4]	16
Pb-206(n,5n)Pb-202m	TALYS-6a	0	[4,7,8]	14
Pb-206(n,6n)Pb-201g	TALYS-6a	0		12
Pb-206(n,6n)Pb-201m	TALYS-6a	0		12
Pb-206(n,2nt)Tl-202	TALYS-6a	0	[8]	22
Pb-206(n,ta)Au-200g	TALYS-6a	0	[4,8]	28
Pb-206(n,ta)Au-200m	TALYS-6a	0	[4,7,8,8]	27
Pb-206(n,4np)Tl-202	TALYS-6a	0	[8]	16
Pb-206(n,3nd)Tl-202	TALYS-6a	0	[8]	17
Pb-206(n,n'da)Au-200g	TALYS-6a	0	[4,8]	22
Pb-206(n,n'da)Au-200m	TALYS-6a	0	[4,7,8,8]	21
Pb-206(n,2npa)Au-200g	TALYS-6a	0	[4,8]	21
Pb-206(n,2npa)Au-200m	TALYS-6a	0	[4,7,8,8]	20
Pb-206(n,7n)Pb-200	TALYS-6a	0		8
Pb-206(n,8n)Pb-199g	TALYS-6a	0	[4]	4
Pb-206(n,8n)Pb-199m	TALYS-6a	0	[4,7,8]	3
Pb-206(n,5np)Tl-201	TALYS-6a	0		13
Pb-206(n,6np)Tl-200	TALYS-6a	0	[8]	8
Pb-206(n,4na)Hg-199g	TALYS-6a	0		20
Pb-206(n,4na)Hg-199m	TALYS-6a	0		19
Pb-206(n,5na)Hg-198	TALYS-6a	0	[8]	15
Pb-206(n,6na)Hg-197g	TALYS-6a	0		10
Pb-206(n,6na)Hg-197m	TALYS-6a	0		10
Pb-206(n,7na)Hg-196	TALYS-6a	0	[8]	7
Pb-206(n,4nd)Tl-201	TALYS-6a	0	[8]	13
Pb-206(n,5nd)Tl-200	TALYS-6a	0	[8]	9
Pb-206(n,6nd)Tl-199	TALYS-6a	0	[8]	5
Pb-206(n,3nt)Tl-201	TALYS-6a	0	[8]	16
Pb-206(n,4nt)Tl-200	TALYS-6a	0	[8]	12
Pb-206(n,5nt)Tl-199	TALYS-6a	0	[8]	8
Pb-206(n,2nh)Hg-202	TALYS-6a	0	[8]	21
Pb-206(n,3nh)Hg-201	TALYS-6a	0	[8]	15
Pb-206(n,4nh)Hg-200	TALYS-6a	0	[8]	11
Pb-206(n,3n2p)Hg-202	TALYS-6a	0	[8]	15
Pb-206(n,3n2a)Pt-196	TALYS-6a	0	[8]	17
Pb-206(n,3npa)Au-199	TALYS-6a	0	[8]	15
Pb-206(n,n'pd)Hg-203	TALYS-6a	0	[8]	20
Pb-206(n,n'pt)Hg-202	TALYS-6a	0	[8]	20
Pb-206(n,n'ta)Au-199	TALYS-6a	0	[8]	21
Pb-206(n,2n2p)Hg-203	TALYS-6a	0	[8]	19
Pb-206(n,4n2p)Hg-201	TALYS-6a	0	[8]	11
Pb-206(n,4n2a)Pt-195g	TALYS-6a	0		12
Pb-206(n,4n2a)Pt-195m	TALYS-6a	0		12
Pb-206(n,4npa)Au-198g	TALYS-6a	0	[4,8]	12
Pb-206(n,4npa)Au-198m	TALYS-6a	0	[4,7,8,8]	11
Pb-207(n,n')Pb-207m	ADL-3	4	[13,4]	44
Pb-207(n,2nd)Tl-204	TALYS-6a	0	[8]	25
Pb-207(n,2n)Pb-206	ENDF/B-VI	4	[13]	52
+Pb-207(n,3n)Pb-205g	TALYS-6a	0	[4]	32
+Pb-207(n,3n)Pb-205m	TALYS-6a	0	[4,7,8]	30
Pb-207(n,n'a)Hg-203	TALYS-6a	0		100
Pb-207(n,2na)Hg-202	TALYS-6a	0	[8]	39
Pb-207(n,3na)Hg-201	TALYS-6a	0	[8]	27
Pb-207(n,n'p)Tl-206g	TALYS-6a	0	[4,8]	43
Pb-207(n,n'p)Tl-206m	TALYS-6a	0	[4,7,8,8]	39
Pb-207(n,n'2a)Pt-199g	TALYS-6a	0	[10]	100
Pb-207(n,n'2a)Pt-199m	TALYS-6a	0		29
Pb-207(n,2n2a)Pt-198	TALYS-6a	0	[8]	24
Pb-207(n,n'd)Tl-205	TALYS-6a	0	[8]	33
Pb-207(n,n't)Tl-204	TALYS-6a	0	[8]	31
Pb-207(n,n'h)Hg-204	TALYS-6a	0	[8]	27
Pb-207(n,4n)Pb-204g	TALYS-6a	0	[4]	25
Pb-207(n,4n)Pb-204m	TALYS-6a	0	[4,7,8]	22
Pb-207(n,2np)Tl-205	TALYS-6a	0	[8]	31
Pb-207(n,3np)Tl-204	TALYS-6a	0	[8]	23
Pb-207(n,n'2p)Hg-205	TALYS-6a	0	[8]	25
Pb-207(n,n'pa)Au-202	TALYS-6a	0	[8]	25
>Pb-207(n,g)Pb-208	ENDF/B-VI	4	[14,13]	
17801				
Pb-207(n,p)Tl-207g	TALYS-6a	0	[2]	76
Pb-207(n,p)Tl-207m	TALYS-6a	0	[2]	69
Pb-207(n,d)Tl-206g	TALYS-6a	0	[4,8]	49
Pb-207(n,d)Tl-206m	TALYS-6a	0	[4,7,8,8]	44
Pb-207(n,t)Tl-205	TALYS-6a	0	[8]	45
Pb-207(n,h)Hg-205	TALYS-6a	0	[8]	34
Pb-207(n,a)Hg-204	TALYS-5	2	[9,3,3]	9510
Pb-207(n,2a)Pt-200	TALYS-6a	0	[10]	100
Pb-207(n,2p)Hg-206	TALYS-6a	0	[8]	33
Pb-207(n,pd)Hg-205	TALYS-6a	0	[8]	26
Pb-207(n,da)Au-202	TALYS-6a	0	[8]	25
Pb-207(n,5n)Pb-203g	TALYS-6a	0	[4]	16
Pb-207(n,5n)Pb-203m	TALYS-6a	0	[4,7,8]	15
Pb-207(n,5n)Pb-203n	TALYS-6a	0	[4,7,8]	14
Pb-207(n,6n)Pb-202g	TALYS-6a	0	[4]	13
Pb-207(n,6n)Pb-202m	TALYS-6a	0	[4,7,8]	11
Pb-207(n,2nt)Tl-203	TALYS-6a	0	[8]	24
Pb-207(n,ta)Au-201	TALYS-6a	0	[8,7,8]	29
Pb-207(n,4np)Tl-203	TALYS-6a	0	[8]	16
Pb-207(n,3nd)Tl-203	TALYS-6a	0	[8]	18
Pb-207(n,n'da)Au-201	TALYS-6a	0	[8,7,8]	23
Pb-207(n,2npa)Au-201	TALYS-6a	0	[8,7,8]	22
Pb-207(n,7n)Pb-201g	TALYS-6a	0		9
Pb-207(n,7n)Pb-201m	TALYS-6a	0		8
Pb-207(n,8n)Pb-200	TALYS-6a	0		5
Pb-207(n,5np)Tl-202	TALYS-6a	0		13
Pb-207(n,6np)Tl-201	TALYS-6a	0	[8]	9
Pb-207(n,4na)Hg-200	TALYS-6a	0	[8]	21
Pb-207(n,5na)Hg-199g	TALYS-6a	0		15
Pb-207(n,5na)Hg-199m	TALYS-6a	0		14
Pb-207(n,6na)Hg-198	TALYS-6a	0	[8]	11
Pb-207(n,7na)Hg-197g	TALYS-6a	0		7
Pb-207(n,7na)Hg-197m	TALYS-6a	0		7
Pb-207(n,4nd)Tl-202	TALYS-6a	0	[8]	13
Pb-207(n,5nd)Tl-201	TALYS-6a	0	[8]	10
Pb-207(n,6nd)Tl-200	TALYS-6a	0	[8]	6
Pb-207(n,3nt)Tl-202	TALYS-6a	0	[8]	16
Pb-207(n,4nt)Tl-201	TALYS-6a	0	[8]	12
Pb-207(n,5nt)Tl-200	TALYS-6a	0	[8]	8
Pb-207(n,2nh)Hg-203	TALYS-6a	0	[8]	20
Pb-207(n,3nh)Hg-202	TALYS-6a	0	[8]	15
Pb-207(n,4nh)Hg-201	TALYS-6a	0	[8]	11
Pb-207(n,3n2p)Hg-203	TALYS-6a	0	[8]	14
Pb-207(n,3n2a)Pt-197g	TALYS-6a	0		16
Pb-207(n,3n2a)Pt-197m	TALYS-6a	0		16
Pb-207(n,3npa)Au-200g	TALYS-6a	0	[4,8]	15
Pb-207(n,3npa)Au-200m	TALYS-6a	0	[4,7,8,8]	14
Pb-207(n,n'pd)Hg-204	TALYS-6a	0	[8]	21
Pb-207(n,n'ta)Au-200g	TALYS-6a	0	[4,8]	21
Pb-207(n,n'ta)Au-200m	TALYS-6a	0	[4,7,8,8]	20
Pb-207(n,2n2p)Hg-204	TALYS-6a	0	[8]	19
Pb-207(n,4n2p)Hg-202	TALYS-6a	0	[8]	11
Pb-207(n,4n2a)Pt-196	TALYS-6a	0	[8]	13
Pb-207(n,4npa)Au-199	TALYS-6a	0	[8]	12
Pb-208(n,2nd)Tl-205	TALYS-6a	0	[8]	25
Pb-208(n,2n)Pb-207g	TALYS-6a	0		48
Pb-208(n,2n)Pb-207m	TALYS-6	4	[3]	43
Pb-208(n,3n)Pb-206	TALYS-6a	0		33
Pb-208(n,n'a)Hg-204	TALYS-6a	0		98
Pb-208(n,2na)Hg-203	TALYS-6a	0	[8]	36
Pb-208(n,3na)Hg-202	TALYS-6a	0	[8]	28
Pb-208(n,n'p)Tl-207g	TALYS-6a	0		42
Pb-208(n,n'p)Tl-207m	TALYS-6a	0		40
Pb-208(n,n'2a)Pt-200	TALYS-6a	0	[7]	98
Pb-208(n,2n2a)Pt-199g	TALYS-6a	0		20
Pb-208(n,2n2a)Pt-199m	TALYS-6a	0		20
Pb-208(n,n'd)Tl-206g	TALYS-6a	0	[4,8]	31
Pb-208(n,n'd)Tl-206m	TALYS-6a	0	[4,7,8,8]	29
Pb-208(n,n't)Tl-205	TALYS-6a	0	[8]	31
Pb-208(n,n'h)Hg-205	TALYS-6a	0	[8]	25
+Pb-208(n,4n)Pb-205g	TALYS-6a	0	[4]	24
+Pb-208(n,4n)Pb-205m	TALYS-6a	0	[4,7,8]	22
Pb-208(n,2np)Tl-206g	TALYS-6a	0	[4,8]	30
Pb-208(n,2np)Tl-206m	TALYS-6a	0	[4,7,8,8]	27
Pb-208(n,3np)Tl-205	TALYS-6a	0	[8]	23
Pb-208(n,n'2p)Hg-206	TALYS-6a	0	[8]	24
Pb-208(n,n'pa)Au-203	TALYS-6a	0	[8,7,8]	27
Pb-208(n,g)Pb-209	ENDF/B-VI	4	[7,13]	
12304				
Pb-208(n,p)Tl-208	ENDF/B-VI.8	5	[13,3]	256
Pb-208(n,d)Tl-207g	TALYS-6a	0		46
Pb-208(n,d)Tl-207m	TALYS-6a	0		44
Pb-208(n,t)Tl-206g	TALYS-6a	0	[4,8]	44
Pb-208(n,t)Tl-206m	TALYS-6a	0	[4,7,8,8]	41
Pb-208(n,h)Hg-206	TALYS-6a	0	[8]	33
Pb-208(n,a)Hg-205	TALYS-5	4	[9,3,10,3]	6282
Pb-208(n,2p)Hg-207	TALYS-6a	0	[8,7,8]	24
Pb-208(n,pd)Hg-206	TALYS-6a	0	[8]	26
Pb-208(n,5n)Pb-204g	TALYS-6a	0	[4]	17
Pb-208(n,5n)Pb-204m	TALYS-6a	0	[4,7,8]	15
Pb-208(n,6n)Pb-203g	TALYS-6a	0	[4]	13
Pb-208(n,6n)Pb-203m	TALYS-6a	0	[4,7,8]	11
Pb-208(n,6n)Pb-203n	TALYS-6a	0	[4,7,8]	10
Pb-208(n,2nt)Tl-204	TALYS-6a	0	[8]	23
Pb-208(n,ta)Au-202	TALYS-6a	0	[8]	23
Pb-208(n,4np)Tl-204	TALYS-6a	0	[8]	16
Pb-208(n,3nd)Tl-204	TALYS-6a	0	[8]	17
Pb-208(n,n'da)Au-202	TALYS-6a	0	[8]	21
Pb-208(n,2npa)Au-202	TALYS-6a	0	[8]	20
Pb-208(n,7n)Pb-202g	TALYS-6a	0	[4]	9
Pb-208(n,7n)Pb-202m	TALYS-6a	0	[4,7,8]	7
Pb-208(n,8n)Pb-201g	TALYS-6a	0		5
Pb-208(n,8n)Pb-201m	TALYS-6a	0		5
Pb-208(n,5np)Tl-203	TALYS-6a	0	[8]	13
Pb-208(n,6np)Tl-202	TALYS-6a	0	[8]	9
Pb-208(n,4na)Hg-201	TALYS-6a	0	[8]	20
Pb-208(n,5na)Hg-200	TALYS-6a	0	[8]	15
Pb-208(n,6na)Hg-199g	TALYS-6a	0		10
Pb-208(n,6na)Hg-199m	TALYS-6a	0		10
Pb-208(n,7na)Hg-198	TALYS-6a	0	[8]	7
Pb-208(n,4nd)Tl-203	TALYS-6a	0	[8]	13
Pb-208(n,5nd)Tl-202	TALYS-6a	0	[8]	9
Pb-208(n,6nd)Tl-201	TALYS-6a	0	[8]	6
Pb-208(n,3nt)Tl-203	TALYS-6a	0	[8]	16
Pb-208(n,4nt)Tl-202	TALYS-6a	0	[8]	12
Pb-208(n,5nt)Tl-201	TALYS-6a	0	[8]	9
Pb-208(n,2nh)Hg-204	TALYS-6a	0	[8]	20
Pb-208(n,3nh)Hg-203	TALYS-6a	0	[8]	14
Pb-208(n,4nh)Hg-202	TALYS-6a	0	[8]	11
Pb-208(n,3n2p)Hg-204	TALYS-6a	0	[8]	14
Pb-208(n,3n2a)Pt-198	TALYS-6a	0	[8]	16
Pb-208(n,3npa)Au-201	TALYS-6a	0	[8,7,8]	15
Pb-208(n,n'pd)Hg-205	TALYS-6a	0	[8]	19
Pb-208(n,n'ta)Au-201	TALYS-6a	0	[8,7,8]	21
Pb-208(n,2n2p)Hg-205	TALYS-6a	0	[8]	17

Pb-208(n,4n2p)Hg-203	TALYS-6a	0	[8]	10	Pb-210(n,2nt)Tl-206m	TALYS-6a	0	[4,7,8,8]	26
Pb-208(n,4n2a)Pt-197g	TALYS-6a	0		11	Pb-210(n,4np)Tl-206g	TALYS-6a	0	[4,8]	20
Pb-208(n,4n2a)Pt-197m	TALYS-6a	0		12	Pb-210(n,4np)Tl-206m	TALYS-6a	0	[4,7,8,8]	18
Pb-208(n,4npa)Au-200g	TALYS-6a	0	[4,8]	11	Pb-210(n,3nd)Tl-206g	TALYS-6a	0	[4,8]	22
Pb-208(n,4npa)Au-200m	TALYS-6a	0	[4,7,8,8]	10	Pb-210(n,3nd)Tl-206m	TALYS-6a	0	[4,7,8,8]	20
Pb-209(n,2nd)Tl-206g	TALYS-6a	0	[4,8]	27	Pb-210(n,2npa)Au-204	TALYS-6a	0	[8,7,8]	23
Pb-209(n,2nd)Tl-206m	TALYS-6a	0	[4,7,8,8]	25	Pb-210(n,7n)Pb-204g	TALYS-6a	0	[4]	12
Pb-209(n,2n)Pb-208	TALYS-6a	0		66	Pb-210(n,7n)Pb-204m	TALYS-6a	0	[4,7,8]	10
Pb-209(n,3n)Pb-207g	TALYS-6a	0		39	Pb-210(n,8n)Pb-203g	TALYS-6a	0	[4]	8
Pb-209(n,3n)Pb-207m	TALYS-6a	0		35	Pb-210(n,8n)Pb-203m	TALYS-6a	0	[4,7,8]	8
Pb-209(n,n'a)Hg-205	TALYS-6a	0		100	Pb-210(n,8n)Pb-203n	TALYS-6a	0	[4,7,8]	6
Pb-209(n,2na)Hg-204	TALYS-6a	0	[8]	44	Pb-210(n,5np)Tl-205	TALYS-6a	0	[8]	15
Pb-209(n,3na)Hg-203	TALYS-6a	0	[8]	30	Pb-210(n,6np)Tl-204	TALYS-6a	0	[8]	11
Pb-209(n,n'p)Tl-208	TALYS-6a	0	[8]	42	Pb-210(n,7np)Tl-203	TALYS-6a	0	[8]	8
Pb-209(n,2n2a)Pt-200	TALYS-6a	0	[8,15]	25	Pb-210(n,4na)Hg-203	TALYS-6a	0	[8]	24
Pb-209(n,n'd)Tl-207g	TALYS-6a	0		37	Pb-210(n,5na)Hg-202	TALYS-6a	0	[8]	18
Pb-209(n,n'd)Tl-207m	TALYS-6a	0		34	Pb-210(n,6na)Hg-201	TALYS-6a	0	[8]	13
Pb-209(n,n't)Tl-206g	TALYS-6a	0	[4,8]	35	Pb-210(n,7na)Hg-200	TALYS-6a	0	[8]	10
Pb-209(n,n't)Tl-206m	TALYS-6a	0	[4,7,8,8]	33	Pb-210(n,4nd)Tl-205	TALYS-6a	0	[8]	16
Pb-209(n,n'h)Hg-206	TALYS-6a	0	[8]	28	Pb-210(n,5nd)Tl-204	TALYS-6a	0	[8]	12
Pb-209(n,4n)Pb-206	TALYS-6a	0		28	Pb-210(n,6nd)Tl-203	TALYS-6a	0	[8]	9
Pb-209(n,2np)Tl-207g	TALYS-6a	0		34	Pb-210(n,3nt)Tl-205	TALYS-6a	0	[8]	21
Pb-209(n,2np)Tl-207m	TALYS-6a	0		32	Pb-210(n,4nt)Tl-204	TALYS-6a	0	[8]	15
Pb-209(n,3np)Tl-206g	TALYS-6a	0	[4,8]	26	Pb-210(n,5nt)Tl-203	TALYS-6a	0	[8]	11
Pb-209(n,3np)Tl-206m	TALYS-6a	0	[4,7,8,8]	23	Pb-210(n,6nt)Tl-202	TALYS-6a	0	[8]	7
Pb-209(n,n'2p)Hg-207	TALYS-6a	0	[8,7,8]	23	Pb-210(n,2nh)Hg-206	TALYS-6a	0	[8]	23
Pb-209(n,n'pa)Au-204	TALYS-6a	0	[8,7,8]	27	Pb-210(n,3nh)Hg-205	TALYS-6a	0	[8]	16
>Pb-209(n,g)Pb-210	TALYS-6a	0		100	Pb-210(n,4nh)Hg-204	TALYS-6a	0	[8]	13
Pb-209(n,p)Tl-209	TALYS-6a	0	[2,8]	62	Pb-210(n,3n2p)Hg-206	TALYS-6a	0	[8]	16
Pb-209(n,d)Tl-208	TALYS-6a	0	[8]	45	Pb-210(n,3n2a)Pt-200	TALYS-6a	0	[8]	17
Pb-209(n,t)Tl-207g	TALYS-6a	0		56	Pb-210(n,3npa)Au-203	TALYS-6a	0	[8,7,8]	17
Pb-209(n,t)Tl-207m	TALYS-6a	0		51	Pb-210(n,n'pd)Hg-207	TALYS-6a	0	[8,7,8]	20
Pb-209(n,h)Hg-207	TALYS-6a	0	[8,7,8]	31	Pb-210(n,2n2p)Hg-207	TALYS-6a	0	[8,7,8]	19
Pb-209(n,a)Hg-206	TALYS-6	2	[3]	100	Pb-210(n,4n2p)Hg-205	TALYS-6a	0	[8]	12
Pb-209(n,2p)Hg-208	TALYS-6a	0	[8,7,8]	25	Pb-210(n,4n2a)Pt-199g	TALYS-6a	0		13
Pb-209(n,pa)Au-205	TALYS-6a	0	[8,7,8,10]	36	Pb-210(n,4n2a)Pt-199m	TALYS-6a	0		13
+Pb-209(n,5n)Pb-205g	TALYS-6a	0	[4]	20	Pb-210(n,4npa)Au-202	TALYS-6a	0	[8]	13
+Pb-209(n,5n)Pb-205m	TALYS-6a	0	[4,7,8]	18	Pb-210(n,5n2p)Hg-204	TALYS-6a	0	[8]	10
Pb-209(n,6n)Pb-204g	TALYS-6a	0	[4]	15	Pb-212(n,2nd)Tl-209	TALYS-6a	0	[8]	30
Pb-209(n,6n)Pb-204m	TALYS-6a	0	[4,7,8]	13	Pb-212(n,2n)Pb-211	TALYS-6a	0		60
Pb-209(n,2nt)Tl-205	TALYS-6a	0	[8]	26	Pb-212(n,3n)Pb-210	TALYS-6a	0	[8]	43
Pb-209(n,4np)Tl-205	TALYS-6a	0	[8]	19	Pb-212(n,n'a)Hg-208	TALYS-6a	0	[7]	100
Pb-209(n,3nd)Tl-205	TALYS-6a	0	[8]	21	Pb-212(n,2na)Hg-207	TALYS-6a	0	[8,7,8]	53
Pb-209(n,2npa)Au-203	TALYS-6a	0	[8,7,8]	23	Pb-212(n,3na)Hg-206	TALYS-6a	0	[8]	42
Pb-209(n,7n)Pb-203g	TALYS-6a	0	[4]	11	Pb-212(n,n'd)Tl-210	TALYS-6a	0	[8]	35
Pb-209(n,7n)Pb-203m	TALYS-6a	0	[4,7,8]	10	Pb-212(n,n't)Tl-209	TALYS-6a	0	[8]	38
Pb-209(n,7n)Pb-203n	TALYS-6a	0	[4,7,8]	8	Pb-212(n,n'h)Hg-209	TALYS-6a	0	[8,7,8]	27
Pb-209(n,8n)Pb-202g	TALYS-6a	0	[4]	7	Pb-212(n,4n)Pb-209	TALYS-6a	0		33
Pb-209(n,8n)Pb-202m	TALYS-6a	0	[4,7,8]	5	Pb-212(n,2np)Tl-210	TALYS-6a	0	[8]	32
Pb-209(n,5np)Tl-204	TALYS-6a	0	[8]	14	Pb-212(n,3np)Tl-209	TALYS-6a	0	[8]	28
Pb-209(n,6np)Tl-203	TALYS-6a	0	[8]	11	Pb-212(n,g)Pb-213	TALYS-6a	0	[14]	100
Pb-209(n,7np)Tl-202	TALYS-6a	0	[8]	7	Pb-212(n,t)Tl-210	TALYS-6a	0	[8]	46
Pb-209(n,4na)Hg-202	TALYS-6a	0	[8]	23	Pb-212(n,a)Hg-209	TALYS-6a	0	[2]	100
Pb-209(n,5na)Hg-201	TALYS-6a	0	[8]	16	Pb-212(n,5n)Pb-208	TALYS-6a	0		28
Pb-209(n,6na)Hg-200	TALYS-6a	0	[8]	13	Pb-212(n,6n)Pb-207g	TALYS-6a	0		21
Pb-209(n,7na)Hg-199g	TALYS-6a	0		8	Pb-212(n,6n)Pb-207m	TALYS-6a	0		19
Pb-209(n,7na)Hg-199m	TALYS-6a	0		8	Pb-212(n,2nt)Tl-208	TALYS-6a	0	[8]	29
Pb-209(n,4nd)Tl-204	TALYS-6a	0	[8]	15	Pb-212(n,4np)Tl-208	TALYS-6a	0	[8]	23
Pb-209(n,5nd)Tl-203	TALYS-6a	0	[8]	11	Pb-212(n,3nd)Tl-208	TALYS-6a	0	[8]	24
Pb-209(n,6nd)Tl-202	TALYS-6a	0	[8]	7	Pb-212(n,7n)Pb-206	TALYS-6a	0		15
Pb-209(n,3nt)Tl-204	TALYS-6a	0	[8]	19	Pb-212(n,8n)Pb-205g	TALYS-6a	0	[4]	11
Pb-209(n,4nt)Tl-203	TALYS-6a	0	[8]	14	Pb-212(n,8n)Pb-205m	TALYS-6a	0	[4,7,8]	10
Pb-209(n,5nt)Tl-202	TALYS-6a	0	[8]	10	Pb-212(n,5np)Tl-207g	TALYS-6a	0		19
Pb-209(n,6nt)Tl-201	TALYS-6a	0	[8]	7	Pb-212(n,5np)Tl-207m	TALYS-6a	0		18
Pb-209(n,2nh)Hg-205	TALYS-6a	0	[8]	21	Pb-212(n,6np)Tl-206g	TALYS-6a	0	[4,8]	14
Pb-209(n,3nh)Hg-204	TALYS-6a	0	[8]	16	Pb-212(n,6np)Tl-206m	TALYS-6a	0	[4,7,8,8]	12
Pb-209(n,4nh)Hg-203	TALYS-6a	0	[8]	12	Pb-212(n,7np)Tl-205	TALYS-6a	0	[8]	11
Pb-209(n,3n2p)Hg-205	TALYS-6a	0	[8]	15	Pb-212(n,4na)Hg-205	TALYS-6a	0	[8]	29
Pb-209(n,3n2a)Pt-199g	TALYS-6a	0		16	Pb-212(n,5na)Hg-204	TALYS-6a	0	[8]	23
Pb-209(n,3n2a)Pt-199m	TALYS-6a	0		16	Pb-212(n,6na)Hg-203	TALYS-6a	0	[8]	16
Pb-209(n,3npa)Au-202	TALYS-6a	0	[8]	16	Pb-212(n,7na)Hg-202	TALYS-6a	0	[8]	13
Pb-209(n,n'pd)Hg-206	TALYS-6a	0	[8]	21	Pb-212(n,4nd)Tl-207g	TALYS-6a	0		20
Pb-209(n,n'ta)Au-202	TALYS-6a	0	[8]	19	Pb-212(n,4nd)Tl-207m	TALYS-6a	0		19
Pb-209(n,2n2p)Hg-206	TALYS-6a	0	[8]	20	Pb-212(n,5nd)Tl-206g	TALYS-6a	0	[4,8]	15
Pb-209(n,4n2p)Hg-204	TALYS-6a	0	[8]	12	Pb-212(n,5nd)Tl-206m	TALYS-6a	0	[4,7,8,8]	13
Pb-209(n,4n2a)Pt-198	TALYS-6a	0	[8]	13	Pb-212(n,6nd)Tl-205	TALYS-6a	0	[8]	12
Pb-209(n,4npa)Au-201	TALYS-6a	0	[8,7,8]	13	Pb-212(n,3nt)Tl-207g	TALYS-6a	0		25
Pb-210(n,2nd)Tl-207g	TALYS-6a	0		29	Pb-212(n,3nt)Tl-207m	TALYS-6a	0		24
Pb-210(n,2nd)Tl-207m	TALYS-6a	0		28	Pb-212(n,4nt)Tl-206g	TALYS-6a	0	[4,8]	18
Pb-210(n,2n)Pb-209	TALYS-6a	0		59	Pb-212(n,4nt)Tl-206m	TALYS-6a	0	[4,7,8,8]	17
Pb-210(n,3n)Pb-208	TALYS-6a	0		43	Pb-212(n,5nt)Tl-205	TALYS-6a	0	[8]	14
Pb-210(n,n'a)Hg-206	TALYS-6a	0		100	Pb-212(n,6nt)Tl-204	TALYS-6a	0	[8]	10
Pb-210(n,2na)Hg-205	TALYS-6a	0	[8]	45	Pb-212(n,2nh)Hg-208	TALYS-6a	0	[8,7,8]	24
Pb-210(n,3na)Hg-204	TALYS-6a	0	[8]	33	Pb-212(n,3nh)Hg-207	TALYS-6a	0	[8,7,8]	19
Pb-210(n,n'p)Tl-209	TALYS-6a	0	[8]	41	Pb-212(n,4nh)Hg-206	TALYS-6a	0	[8]	16
Pb-210(n,n'd)Tl-208	TALYS-6a	0	[8]	34	Pb-212(n,3n2p)Hg-208	TALYS-6a	0	[8,7,8]	16
Pb-210(n,n't)Tl-207g	TALYS-6a	0		39	Pb-212(n,3npa)Au-205	TALYS-6a	0	[8,7,8]	22
Pb-210(n,n't)Tl-207m	TALYS-6a	0		36	Pb-212(n,n'pd)Hg-209	TALYS-6a	0	[8,7,8]	20
Pb-210(n,n'h)Hg-207	TALYS-6a	0	[8,7,8]	26	Pb-212(n,2n2p)Hg-209	TALYS-6a	0	[8,7,8]	19
Pb-210(n,4n)Pb-207g	TALYS-6a	0		30	Pb-212(n,4n2p)Hg-207	TALYS-6a	0	[8,7,8]	14
Pb-210(n,4n)Pb-207m	TALYS-6a	0		28	Pb-212(n,4n2a)Pt-201	TALYS-6a	0	[8,7,8]	14
Pb-210(n,2np)Tl-208	TALYS-6a	0	[8]	32	Pb-212(n,4npa)Au-204	TALYS-6a	0	[8,7,8]	15
Pb-210(n,3np)Tl-207g	TALYS-6a	0		27	Pb-212(n,5n2p)Hg-206	TALYS-6a	0	[8]	12
Pb-210(n,3np)Tl-207m	TALYS-6a	0		26	Bi-203(n,2nd)Pb-200	TALYS-6a	0	[8]	27
Pb-210(n,n'2p)Hg-208	TALYS-6a	0	[8,7,8]	23	Bi-203(n,2n)Bi-202	TALYS-6a	0		44
Pb-210(n,n'pa)Au-205	TALYS-6a	0	[8,7,8]	29	Bi-203(n,3n)Bi-201g	TALYS-6a	0		30
>Pb-210(n,g)Pb-211	TALYS-6a	2	[14]	100	Bi-203(n,3n)Bi-201m	TALYS-6a	0		29
Pb-210(n,p)Tl-210	TALYS-6a	0	[8]	55	Bi-203(n,n'a)Tl-199	TALYS-6a	0		100
Pb-210(n,d)Tl-209	TALYS-6a	0	[8]	45	Bi-203(n,n'3a)Ir-191g	TALYS-6	0	[4]	100
Pb-210(n,t)Tl-208	TALYS-6a	0	[8]	49	Bi-203(n,n'3a)Ir-191m	TALYS-6	0	[4,7]	100
Pb-210(n,h)Hg-208	TALYS-6a	0	[8,7,8]	30	Bi-203(n,n'3a)Ir-191n	TALYS-6	0	[7,4,7]	100
Pb-210(n,a)Hg-207	TALYS-6a	0	[2]	100	Bi-203(n,2na)Tl-198g	TALYS-6a	0		41
Pb-210(n,2p)Hg-209	TALYS-6a	0	[8,7,8]	24	Bi-203(n,2na)Tl-198m	TALYS-6a	0		40
Pb-210(n,pa)Au-206	TALYS-6a	0	[8,7,8]	33	Bi-203(n,3na)Tl-197g	TALYS-6a	0		29
Pb-210(n,da)Au-205	TALYS-6a	0	[8,7,8]	29	Bi-203(n,3na)Tl-197m	TALYS-6a	0		29
Pb-210(n,5n)Pb-206	TALYS-6a	0		23	Bi-203(n,n'p)Pb-202g	TALYS-6a	0	[4,8]	64
+Pb-210(n,6n)Pb-205g	TALYS-6a	0	[4]	16	Bi-203(n,n'p)Pb-202m	TALYS-6a	0	[4,7,8,8]	58
+Pb-210(n,6n)Pb-205m	TALYS-6a	0	[4,7,8]	14	Bi-203(n,n'2a)Au-195g	TALYS-6a	0		100
Pb-210(n,2nt)Tl-206g	TALYS-6a	0	[4,8]	28	Bi-203(n,n'2a)Au-195m	TALYS-6a	0		100

Reaction	Library		Refs	Value
Bi-203(n,2n2a)Au-194g	TALYS-6a	0		28
Bi-203(n,2n2a)Au-194m	TALYS-6a	0		28
Bi-203(n,2n2a)Au-194n	TALYS-6a	0		28
Bi-203(n,n'd)Pb-201g	TALYS-6a	0		38
Bi-203(n,n'd)Pb-201m	TALYS-6a	0		37
Bi-203(n,n't)Pb-200	TALYS-6a	0	[8]	35
Bi-203(n,n'h)Tl-200	TALYS-6a	0	[8]	30
Bi-203(n,n'd2a)Pt-193g	TALYS-6	0		15
Bi-203(n,n'd2a)Pt-193m	TALYS-6	0		15
Bi-203(n,n't2a)Pt-192	TALYS-6	0	[8]	15
Bi-203(n,4n)Bi-200g	TALYS-6a	0	[4]	21
Bi-203(n,4n)Bi-200m	TALYS-6a	0	[4,7,8]	21
+Bi-203(n,4n)Bi-200n	TALYS-6a	0	[4,7,8]	20
Bi-203(n,2np)Pb-201g	TALYS-6a	0		35
Bi-203(n,2np)Pb-201m	TALYS-6a	0		34
Bi-203(n,3np)Pb-200	TALYS-6a	0	[8]	26
Bi-203(n,n'2p)Tl-201	TALYS-6a	0	[8]	33
Bi-203(n,n'pa)Hg-198	TALYS-6a	0	[8]	41
Bi-203(n,g)Bi-204	MASGAM	0	[14,13]	83
Bi-203(n,p)Pb-203g	TALYS-6a	0	[4,2]	100
Bi-203(n,p)Pb-203m	TALYS-6a	0	[4,7,2]	100
Bi-203(n,p)Pb-203n	TALYS-6a	0	[7,4,7,2]	100
Bi-203(n,d)Pb-202g	TALYS-6a	0	[4,8]	72
Bi-203(n,d)Pb-202m	TALYS-6a	0	[4,7,8,8]	69
Bi-203(n,t)Pb-201g	TALYS-6a	0		57
Bi-203(n,t)Pb-201m	TALYS-6a	0		54
Bi-203(n,h)Tl-201	TALYS-6a	0	[8]	48
Bi-203(n,a)Tl-200	TALYS-6a	0	[2]	100
Bi-203(n,2a)Au-196g	TALYS-6a	0	[4]	100
Bi-203(n,2a)Au-196m	TALYS-6a	0	[4,7]	100
Bi-203(n,2a)Au-196n	TALYS-6a	0	[4,7]	100
Bi-203(n,2p)Tl-202	TALYS-6a	0	[8]	49
Bi-203(n,pa)Hg-199g	TALYS-6a	0		100
Bi-203(n,pa)Hg-199m	TALYS-6a	0		100
Bi-203(n,pd)Tl-201	TALYS-6a	0	[8]	34
Bi-203(n,pt)Tl-200	TALYS-6a	0	[8]	30
Bi-203(n,da)Hg-198	TALYS-6a	0		100
Bi-203(n,5n)Bi-199g	TALYS-6a	0		15
Bi-203(n,5n)Bi-199m	TALYS-6a	0		15
Bi-203(n,6n)Bi-198g	TALYS-6a	0	[4]	10
Bi-203(n,6n)Bi-198m	TALYS-6a	0	[4,7,8]	10
Bi-203(n,6n)Bi-198n	TALYS-6a	0	[4,7,8]	9
Bi-203(n,2nt)Pb-199g	TALYS-6a	0	[4,8]	23
Bi-203(n,2nt)Pb-199m	TALYS-6a	0	[4,7,8,8]	22
Bi-203(n,ta)Hg-197g	TALYS-6a	0		36
Bi-203(n,ta)Hg-197m	TALYS-6a	0		36
Bi-203(n,4np)Pb-199g	TALYS-6a	0	[4,8]	17
Bi-203(n,4np)Pb-199m	TALYS-6a	0	[4,7,8,8]	16
Bi-203(n,3nd)Pb-199g	TALYS-6a	0	[4,8]	18
Bi-203(n,3nd)Pb-199m	TALYS-6a	0	[4,7,8,8]	17
Bi-203(n,n'da)Hg-197g	TALYS-6a	0		28
Bi-203(n,n'da)Hg-197m	TALYS-6a	0		28
Bi-203(n,2npa)Hg-197g	TALYS-6a	0		27
Bi-203(n,2npa)Hg-197m	TALYS-6a	0		28
Bi-203(n,5np)Pb-198	TALYS-6a	0	[8]	13
Bi-203(n,6np)Pb-197g	TALYS-6a	0		8
Bi-203(n,6np)Pb-197m	TALYS-6a	0		8
Bi-203(n,4na)Tl-196g	TALYS-6a	0		20
Bi-203(n,4na)Tl-196m	TALYS-6a	0		19
Bi-203(n,5na)Tl-195g	TALYS-6a	0		14
Bi-203(n,5na)Tl-195m	TALYS-6a	0		14
Bi-203(n,6na)Tl-194g	TALYS-6a	0	[4,8]	10
Bi-203(n,6na)Tl-194m	TALYS-6a	0	[4,7,8,8]	9
Bi-203(n,4nd)Pb-198	TALYS-6a	0	[8]	14
Bi-203(n,5nd)Pb-197g	TALYS-6a	0		9
Bi-203(n,5nd)Pb-197m	TALYS-6a	0		9
Bi-203(n,3nt)Pb-198	TALYS-6a	0	[8]	16
Bi-203(n,4nt)Pb-197g	TALYS-6a	0		12
Bi-203(n,4nt)Pb-197m	TALYS-6a	0		11
Bi-203(n,5nt)Pb-196	TALYS-6a	0	[8]	8
Bi-203(n,2nh)Tl-199	TALYS-6a	0	[8]	23
Bi-203(n,3nh)Tl-198g	TALYS-6a	0		15
Bi-203(n,3nh)Tl-198m	TALYS-6a	0		15
Bi-203(n,4nh)Tl-197g	TALYS-6a	0		12
Bi-203(n,4nh)Tl-197m	TALYS-6a	0		12
Bi-203(n,3n2p)Tl-199	TALYS-6a	0	[8]	16
Bi-203(n,3n2a)Au-193g	TALYS-6a	0		21
Bi-203(n,3n2a)Au-193m	TALYS-6a	0		20
Bi-203(n,3npa)Hg-196	TALYS-6a	0	[8]	20
Bi-203(n,n'pd)Tl-200	TALYS-6a	0	[8]	24
Bi-203(n,n'pt)Tl-199	TALYS-6a	0	[8]	23
Bi-203(n,n'dt)Tl-198g	TALYS-6a	0		15
Bi-203(n,n'dt)Tl-198m	TALYS-6a	0		15
Bi-203(n,n'ta)Hg-196	TALYS-6a	0	[8]	27
Bi-203(n,2n2p)Tl-200	TALYS-6a	0	[8]	23
Bi-203(n,ha)Au-197g	TALYS-6a	0		100
Bi-203(n,ha)Au-197m	TALYS-6a	0		27
Bi-203(n,4n2p)Tl-198g	TALYS-6a	0		12
Bi-203(n,4n2p)Tl-198m	TALYS-6a	0		12
>Bi-203(n,4n2a)Au-192g	TALYS-6a	0	[4,8]	13
>Bi-203(n,4n2a)Au-192m	TALYS-6a	0	[4,7,8,8]	12
+Bi-203(n,4n2a)Au-192n	TALYS-6a	0	[4,7,8,8]	12
Bi-203(n,4npa)Hg-195g	TALYS-6a	0		14
Bi-203(n,4npa)Hg-195m	TALYS-6a	0		14
Bi-203(n,5n2p)Tl-197g	TALYS-6a	0		8
Bi-203(n,5n2p)Tl-197m	TALYS-6a	0		8
Bi-204(n,2nd)Pb-201g	TALYS-6a	0		27
Bi-204(n,2nd)Pb-201m	TALYS-6a	0		27
Bi-204(n,2n)Bi-203g	TALYS-6a	0		49
Bi-204(n,2n)Bi-203m	TALYS-6a	0		45
Bi-204(n,3n)Bi-202	TALYS-6a	0		30
Bi-204(n,n'a)Tl-200	TALYS-6a	0		100
Bi-204(n,2na)Tl-199	TALYS-6a	0	[8,7,8]	44
Bi-204(n,3na)Tl-198g	TALYS-6a	0		29
Bi-204(n,3na)Tl-198m	TALYS-6a	0		29
Bi-204(n,n'p)Pb-203g	TALYS-6a	0	[4,8,7,8]	63
Bi-204(n,n'p)Pb-203m	TALYS-6a	0	[4,7,8,8]	62
Bi-204(n,n'p)Pb-203n	TALYS-6a	0	[4,7,8,8]	53
Bi-204(n,n'2a)Au-196g	TALYS-6a	0	[4]	100
Bi-204(n,n'2a)Au-196m	TALYS-6a	0	[4,7]	100
Bi-204(n,n'2a)Au-196n	TALYS-6a	0	[7,4,7]	100
Bi-204(n,2n2a)Au-195g	TALYS-6a	0		29
Bi-204(n,n'd)Pb-202g	TALYS-6a	0	[4,8,7,8]	41
Bi-204(n,n'd)Pb-202m	TALYS-6a	0	[4,7,8,8]	39
Bi-204(n,n't)Pb-201g	TALYS-6a	0		35
Bi-204(n,n't)Pb-201m	TALYS-6a	0		34
Bi-204(n,n'h)Tl-201	TALYS-6a	0	[8,7,8]	31
Bi-204(n,4n)Bi-201g	TALYS-6a	0		23
Bi-204(n,4n)Bi-201m	TALYS-6a	0		22
Bi-204(n,2np)Pb-202g	TALYS-6a	0	[4,8,7,8]	38
Bi-204(n,2np)Pb-202m	TALYS-6a	0	[4,7,8,8]	35
Bi-204(n,3np)Pb-201g	TALYS-6a	0		26
Bi-204(n,3np)Pb-201m	TALYS-6a	0		25
Bi-204(n,n'2p)Tl-202	TALYS-6a	0	[8,7,8]	32
Bi-204(n,n'pa)Hg-199g	TALYS-6a	0		40
Bi-204(n,n'pa)Hg-199m	TALYS-6a	0		39
Bi-204(n,g)Bi-205	TALYS-6a	0	[14]	100
Bi-204(n,p)Pb-204g	TALYS-6a	0	[4,2]	100
Bi-204(n,p)Pb-204m	TALYS-6a	0	[7,4,7,2]	100
Bi-204(n,d)Pb-203g	TALYS-6a	0	[4,8,7,8]	71
Bi-204(n,d)Pb-203m	TALYS-6a	0	[4,7,8,8]	70
Bi-204(n,d)Pb-203n	TALYS-6a	0	[4,7,8,8]	64
Bi-204(n,t)Pb-202g	TALYS-6a	0	[4,8,7,8]	64
Bi-204(n,t)Pb-202m	TALYS-6a	0	[4,7,8,8]	63
Bi-204(n,h)Tl-202	TALYS-6a	0	[8,7,8]	45
Bi-204(n,a)Tl-201	TALYS-6a	0	[2]	100
Bi-204(n,2p)Tl-203	TALYS-6a	0	[8,7,8]	51
Bi-204(n,pa)Hg-200	TALYS-6a	0		100
Bi-204(n,pd)Tl-202	TALYS-6a	0	[8,7,8]	33
Bi-204(n,pt)Tl-201	TALYS-6a	0	[8,7,8]	31
Bi-204(n,da)Hg-199g	TALYS-6a	0		100
Bi-204(n,da)Hg-199m	TALYS-6a	0		100
Bi-204(n,5n)Bi-200g	TALYS-6a	0	[4,7,8]	15
Bi-204(n,5n)Bi-200m	TALYS-6a	0	[4,7,8]	15
Bi-204(n,5n)Bi-200n	TALYS-6a	0	[4,7,8]	14
Bi-204(n,6n)Bi-199g	TALYS-6a	0		11
Bi-204(n,6n)Bi-199m	TALYS-6a	0		11
Bi-204(n,2nt)Pb-200	TALYS-6a	0	[8,7,8]	26
Bi-204(n,ta)Hg-198	TALYS-6a	0		100
Bi-204(n,4np)Pb-200	TALYS-6a	0	[8,7,8]	19
Bi-204(n,3nd)Pb-200	TALYS-6a	0	[8,7,8]	20
Bi-204(n,n'da)Hg-198	TALYS-6a	0	[8,7,8]	29
Bi-204(n,2npa)Hg-198	TALYS-6a	0	[8,7,8]	29
Bi-204(n,7n)Bi-198g	TALYS-6a	0	[4,7,8]	7
Bi-204(n,7n)Bi-198m	TALYS-6a	0	[4,7,8]	6
Bi-204(n,7n)Bi-198n	TALYS-6a	0	[4,7,8]	5
Bi-204(n,5np)Pb-199g	TALYS-6a	0	[4,8,7,8]	13
Bi-204(n,5np)Pb-199m	TALYS-6a	0	[4,7,8,8]	12
Bi-204(n,6np)Pb-198	TALYS-6a	0	[8,7,8]	9
Bi-204(n,4na)Tl-197g	TALYS-6a	0		21
Bi-204(n,4na)Tl-197m	TALYS-6a	0		21
Bi-204(n,5na)Tl-196g	TALYS-6a	0		14
Bi-204(n,5na)Tl-196m	TALYS-6a	0		14
Bi-204(n,6na)Tl-195g	TALYS-6a	0		11
Bi-204(n,6na)Tl-195m	TALYS-6a	0		11
Bi-204(n,4nd)Pb-199g	TALYS-6a	0	[4,8,7,8]	14
Bi-204(n,4nd)Pb-199m	TALYS-6a	0	[4,7,8,8]	13
Bi-204(n,5nd)Pb-198	TALYS-6a	0	[8,7,8]	10
Bi-204(n,3nt)Pb-199g	TALYS-6a	0	[4,8,7,8]	16
Bi-204(n,3nt)Pb-199m	TALYS-6a	0	[4,7,8,8]	15
Bi-204(n,4nt)Pb-198	TALYS-6a	0	[8,7,8]	13
Bi-204(n,5nt)Pb-197g	TALYS-6a	0		8
Bi-204(n,5nt)Pb-197m	TALYS-6a	0		8
Bi-204(n,2nh)Tl-200	TALYS-6a	0	[8,7,8]	23
Bi-204(n,3nh)Tl-199	TALYS-6a	0	[8,7,8]	16
Bi-204(n,4nh)Tl-198g	TALYS-6a	0		12
Bi-204(n,4nh)Tl-198m	TALYS-6a	0		12
Bi-204(n,3n2p)Tl-200	TALYS-6a	0	[8,7,8]	16
Bi-204(n,3n2a)Au-194g	TALYS-6a	0		20
Bi-204(n,3n2a)Au-194m	TALYS-6a	0		20
Bi-204(n,3n2a)Au-194n	TALYS-6a	0		20
Bi-204(n,3npa)Hg-197g	TALYS-6a	0		20
Bi-204(n,3npa)Hg-197m	TALYS-6a	0		20
Bi-204(n,n'pd)Tl-201	TALYS-6a	0	[8,7,8]	25
Bi-204(n,n'pt)Tl-200	TALYS-6a	0	[8,7,8]	23
Bi-204(n,n'dt)Tl-199	TALYS-6a	0	[8,7,8]	16
Bi-204(n,n'ph)Hg-200	TALYS-6a	0	[8,7,8]	20
Bi-204(n,n'ta)Hg-197g	TALYS-6a	0		26
Bi-204(n,n'ta)Hg-197m	TALYS-6a	0		26
Bi-204(n,2n2p)Tl-201	TALYS-6a	0	[8,7,8]	24
Bi-204(n,4n2p)Tl-199	TALYS-6a	0	[8,7,8]	12
Bi-204(n,4n2a)Au-193g	TALYS-6a	0		15
Bi-204(n,4n2a)Au-193m	TALYS-6a	0		14
Bi-204(n,4npa)Hg-196	TALYS-6a	0	[8,7,8]	14
Bi-205(n,2nd)Pb-202g	TALYS-6a	0	[4,8]	28
Bi-205(n,2nd)Pb-202m	TALYS-6a	0	[4,7,8,8]	26
Bi-205(n,2n)Bi-204	TALYS-6a	0		44
Bi-205(n,3n)Bi-203g	TALYS-6a	0		31
Bi-205(n,3n)Bi-203m	TALYS-6a	0		30
Bi-205(n,n'a)Tl-201	TALYS-6a	0		100
Bi-205(n,2na)Tl-200	TALYS-6a	0	[8]	42
Bi-205(n,3na)Tl-199	TALYS-6a	0	[8]	29
Bi-205(n,n'p)Pb-204g	TALYS-6a	0	[4,8]	63
Bi-205(n,n'p)Pb-204m	TALYS-6a	0	[4,7,8,8]	56
Bi-205(n,n'2a)Au-197g	TALYS-6a	0		100
Bi-205(n,n'2a)Au-197m	TALYS-6a	0		100
Bi-205(n,2n2a)Au-196g	TALYS-6a	0	[4]	27
Bi-205(n,2n2a)Au-196m	TALYS-6a	0	[4,7,8]	27
Bi-205(n,2n2a)Au-196n	TALYS-6a	0	[4,7,8]	26
Bi-205(n,n'd)Pb-203g	TALYS-6a	0	[4,8]	38
Bi-205(n,n'd)Pb-203m	TALYS-6a	0	[4,7,8,8]	37
Bi-205(n,n'd)Pb-203n	TALYS-6a	0	[4,7,8,8]	35
Bi-205(n,n't)Pb-202g	TALYS-6a	0	[4,8]	36
Bi-205(n,n't)Pb-202m	TALYS-6a	0	[4,7,8,8]	35
Bi-205(n,n'h)Tl-202	TALYS-6a	0	[8]	30
Bi-205(n,4n)Bi-202	TALYS-6a	0		22
Bi-205(n,2np)Pb-203g	TALYS-6a	0	[4,8]	35

Reaction	Library	Flag	Refs	%
Bi-205(n,2np)Pb-203m	TALYS-6a	0	[4,7,8,8]	34
Bi-205(n,2np)Pb-203n	TALYS-6a	0	[4,7,8,8]	30
Bi-205(n,3np)Pb-202g	TALYS-6a	0	[4,8]	26
Bi-205(n,3np)Pb-202m	TALYS-6a	0	[4,7,8,8]	24
Bi-205(n,n'2p)Tl-203	TALYS-6a	0	[8]	31
Bi-205(n,n'pa)Hg-200	TALYS-6a	0	[8]	39
Bi-205(n,g)Bi-206	MASGAM	0	[14,13]	83
+Bi-205(n,p)Pb-205g	TALYS-6a	0	[4]	100
+Bi-205(n,p)Pb-205m	TALYS-6a	0	[7,4,7]	100
Bi-205(n,d)Pb-204g	TALYS-6a	0	[4,8]	70
Bi-205(n,d)Pb-204m	TALYS-6a	0	[4,7,8,8]	67
Bi-205(n,t)Pb-203g	TALYS-6a	0	[4,8]	57
Bi-205(n,t)Pb-203m	TALYS-6a	0	[4,7,8,8]	56
Bi-205(n,t)Pb-203n	TALYS-6a	0	[4,7,8,8]	53
Bi-205(n,h)Tl-203	TALYS-6a	0	[8]	44
Bi-205(n,a)Tl-202	TALYS-6a	0	[2]	100
Bi-205(n,2p)Tl-204	TALYS-6a	0	[8]	44
Bi-205(n,pa)Hg-201	TALYS-6a	0		100
Bi-205(n,pd)Tl-203	TALYS-6a	0	[8]	32
Bi-205(n,pt)Tl-202	TALYS-6a	0	[8]	30
Bi-205(n,da)Hg-200	TALYS-6a	0		100
Bi-205(n,5n)Bi-201g	TALYS-6a	0		15
Bi-205(n,5n)Bi-201m	TALYS-6a	0		15
Bi-205(n,6n)Bi-200g	TALYS-6a	0	[4]	11
+Bi-205(n,6n)Bi-200n	TALYS-6a	0	[4,7,8]	10
Bi-205(n,2nt)Pb-201g	TALYS-6a	0		25
Bi-205(n,2nt)Pb-201m	TALYS-6a	0		24
Bi-205(n,ta)Hg-199g	TALYS-6a	0		35
Bi-205(n,ta)Hg-199m	TALYS-6a	0		34
Bi-205(n,4np)Pb-201g	TALYS-6a	0		18
Bi-205(n,4np)Pb-201m	TALYS-6a	0		17
Bi-205(n,3nd)Pb-201g	TALYS-6a	0		19
Bi-205(n,3nd)Pb-201m	TALYS-6a	0		18
Bi-205(n,n'da)Hg-199g	TALYS-6a	0		27
Bi-205(n,n'da)Hg-199m	TALYS-6a	0		27
Bi-205(n,2npa)Hg-199g	TALYS-6a	0		27
Bi-205(n,2npa)Hg-199m	TALYS-6a	0		26
Bi-205(n,7n)Bi-199g	TALYS-6a	0		7
Bi-205(n,7n)Bi-199m	TALYS-6a	0		7
Bi-205(n,5np)Pb-200	TALYS-6a	0	[8]	13
Bi-205(n,6np)Pb-199g	TALYS-6a	0	[4,8]	9
Bi-205(n,6np)Pb-199m	TALYS-6a	0	[4,7,8,8]	7
Bi-205(n,4na)Tl-198g	TALYS-6a	0		20
Bi-205(n,4na)Tl-198m	TALYS-6a	0		20
Bi-205(n,5na)Tl-197g	TALYS-6a	0		15
Bi-205(n,5na)Tl-197m	TALYS-6a	0		15
Bi-205(n,6na)Tl-196g	TALYS-6a	0		10
Bi-205(n,6na)Tl-196m	TALYS-6a	0		10
Bi-205(n,4nd)Pb-200	TALYS-6a	0	[8]	14
Bi-205(n,5nd)Pb-199g	TALYS-6a	0	[4,8]	9
Bi-205(n,5nd)Pb-199m	TALYS-6a	0	[4,7,8,8]	8
Bi-205(n,6nd)Pb-198	TALYS-6a	0	[8]	6
Bi-205(n,3nt)Pb-200	TALYS-6a	0	[8]	17
Bi-205(n,4nt)Pb-199g	TALYS-6a	0	[4,8]	11
Bi-205(n,4nt)Pb-199m	TALYS-6a	0	[4,7,8,8]	10
Bi-205(n,5nt)Pb-198	TALYS-6a	0	[8]	8
Bi-205(n,2nh)Tl-201	TALYS-6a	0	[8]	23
Bi-205(n,3nh)Tl-200	TALYS-6a	0	[8]	16
Bi-205(n,4nh)Tl-199	TALYS-6a	0	[8]	12
Bi-205(n,3n2p)Tl-201	TALYS-6a	0	[8]	16
Bi-205(n,3n2a)Au-195g	TALYS-6a	0		20
Bi-205(n,3n2a)Au-195m	TALYS-6a	0		20
Bi-205(n,3npa)Hg-198	TALYS-6a	0	[8]	20
Bi-205(n,n'pd)Tl-202	TALYS-6a	0	[8]	24
Bi-205(n,n'pt)Tl-201	TALYS-6a	0	[8]	22
Bi-205(n,n'dt)Tl-200	TALYS-6a	0	[8]	26
Bi-205(n,n'ta)Hg-198	TALYS-6a	0	[8]	23
Bi-205(n,2n2p)Tl-202	TALYS-6a	0	[8]	12
Bi-205(n,4n2p)Tl-200	TALYS-6a	0		14
Bi-205(n,4n2a)Au-194g	TALYS-6a	0		14
Bi-205(n,4n2a)Au-194m	TALYS-6a	0		14
Bi-205(n,4n2a)Au-194n	TALYS-6a	0		14
Bi-205(n,4npa)Hg-197g	TALYS-6a	0		14
Bi-205(n,4npa)Hg-197m	TALYS-6a	0		10
Bi-205(n,3n2pa)Au-197g	TALYS-6a	0		10
Bi-205(n,3n2pa)Au-197m	TALYS-6a	0		10
Bi-206(n,2nd)Pb-203g	TALYS-6a	0	[4]	28
Bi-206(n,2nd)Pb-203m	TALYS-6a	0	[4,7,8]	26
Bi-206(n,2nd)Pb-203n	TALYS-6a	0	[4,7,8]	26
Bi-206(n,2n)Bi-205	TALYS-6a	0		50
Bi-206(n,3n)Bi-204	TALYS-6a	0		31
Bi-206(n,n'a)Tl-202	TALYS-6a	0		100
Bi-206(n,2na)Tl-201	TALYS-6a	0	[8]	44
Bi-206(n,3na)Tl-200	TALYS-6a	0	[8]	29
+Bi-206(n,n'p)Pb-205g	TALYS-6a	0	[4,8]	61
+Bi-206(n,n'p)Pb-205m	TALYS-6a	0	[4,7,8,8]	60
Bi-206(n,n'2a)Au-198g	TALYS-6a	0	[4]	100
Bi-206(n,n'2a)Au-198m	TALYS-6a	0	[7,4,7]	100
Bi-206(n,2n2a)Au-197g	TALYS-6a	0		29
Bi-206(n,2n2a)Au-197m	TALYS-6a	0		29
Bi-206(n,n'd)Pb-204g	TALYS-6a	0	[4,8]	41
Bi-206(n,n'd)Pb-204m	TALYS-6a	0	[4,7,8,8]	39
Bi-206(n,n't)Pb-203g	TALYS-6a	0	[4]	35
Bi-206(n,n't)Pb-203m	TALYS-6a	0	[4,7,8]	33
Bi-206(n,n't)Pb-203n	TALYS-6a	0	[4,7,8]	34
Bi-206(n,n'h)Tl-203	TALYS-6a	0	[8]	30
Bi-206(n,4n)Bi-203g	TALYS-6a	0		24
Bi-206(n,4n)Bi-203m	TALYS-6a	0		23
Bi-206(n,2np)Pb-204g	TALYS-6a	0	[4,8]	38
Bi-206(n,2np)Pb-204m	TALYS-6a	0	[4,7,8,8]	34
Bi-206(n,3np)Pb-203g	TALYS-6a	0	[4]	26
Bi-206(n,3np)Pb-203m	TALYS-6a	0	[4,7,8]	24
Bi-206(n,3np)Pb-203n	TALYS-6a	0	[4,7,8]	24
Bi-206(n,n'2p)Tl-204	TALYS-6a	0	[8]	30
Bi-206(n,n'pa)Hg-201	TALYS-6a	0	[8]	37
Bi-206(n,g)Bi-207	MASGAM	0	[14,13]	83
Bi-206(n,p)Pb-206	TALYS-6a	0	[2]	100
+Bi-206(n,d)Pb-205g	TALYS-6a	0	[4,8]	69
+Bi-206(n,d)Pb-205m	TALYS-6a	0	[4,7,8,8]	68
Bi-206(n,t)Pb-204g	TALYS-6a	0	[4,8]	64
Bi-206(n,t)Pb-204m	TALYS-6a	0	[4,7,8,8]	63
Bi-206(n,h)Tl-204	TALYS-6a	0	[8]	43
Bi-206(n,a)Tl-203	TALYS-6a	0	[2]	100
Bi-206(n,2a)Au-199	TALYS-6a	0		100
Bi-206(n,2p)Tl-205	TALYS-6a	0	[8]	44
Bi-206(n,pa)Hg-202	TALYS-6a	0		100
Bi-206(n,pd)Tl-204	TALYS-6a	0	[8]	31
Bi-206(n,da)Hg-201	TALYS-6a	0		100
Bi-206(n,5n)Bi-202	TALYS-6a	0		16
Bi-206(n,6n)Bi-201g	TALYS-6a	0		12
Bi-206(n,6n)Bi-201m	TALYS-6a	0		12
Bi-206(n,2nt)Pb-202g	TALYS-6a	0	[4,8]	26
Bi-206(n,2nt)Pb-202m	TALYS-6a	0	[4,7,8,8]	25
Bi-206(n,ta)Hg-200	TALYS-6a	0		100
Bi-206(n,4np)Pb-202g	TALYS-6a	0	[4,8]	19
Bi-206(n,4np)Pb-202m	TALYS-6a	0	[4,7,8,8]	17
Bi-206(n,3nd)Pb-202g	TALYS-6a	0	[4,8]	20
Bi-206(n,3nd)Pb-202m	TALYS-6a	0	[4,7,8,8]	19
Bi-206(n,n'da)Hg-200	TALYS-6a	0	[8]	28
Bi-206(n,2npa)Hg-200	TALYS-6a	0	[8]	28
Bi-206(n,7n)Bi-200g	TALYS-6a	0	[4]	7
Bi-206(n,7n)Bi-200m	TALYS-6a	0	[4,7,8]	7
+Bi-206(n,7n)Bi-200n	TALYS-6a	0	[4,7,8]	6
Bi-206(n,5np)Pb-201g	TALYS-6a	0		13
Bi-206(n,5np)Pb-201m	TALYS-6a	0		13
Bi-206(n,6np)Pb-200	TALYS-6a	0	[8]	10
Bi-206(n,4na)Tl-199	TALYS-6a	0	[8]	22
Bi-206(n,5na)Tl-198g	TALYS-6a	0		15
Bi-206(n,5na)Tl-198m	TALYS-6a	0		15
Bi-206(n,6na)Tl-197g	TALYS-6a	0		11
Bi-206(n,6na)Tl-197m	TALYS-6a	0		11
Bi-206(n,4nd)Pb-201g	TALYS-6a	0		14
Bi-206(n,4nd)Pb-201m	TALYS-6a	0		14
Bi-206(n,5nd)Pb-200	TALYS-6a	0	[8]	10
Bi-206(n,6nd)Pb-199g	TALYS-6a	0	[4,8]	6
Bi-206(n,6nd)Pb-199m	TALYS-6a	0	[4,7,8,8]	5
Bi-206(n,3nt)Pb-201g	TALYS-6a	0		17
Bi-206(n,3nt)Pb-201m	TALYS-6a	0		17
Bi-206(n,4nt)Pb-200	TALYS-6a	0	[8]	13
Bi-206(n,5nt)Pb-199g	TALYS-6a	0	[4,8]	8
Bi-206(n,5nt)Pb-199m	TALYS-6a	0	[4,7,8,8]	7
Bi-206(n,2nh)Tl-202	TALYS-6a	0	[8]	23
Bi-206(n,3nh)Tl-201	TALYS-6a	0	[8]	16
Bi-206(n,4nh)Tl-200	TALYS-6a	0	[8]	12
Bi-206(n,3n2p)Tl-202	TALYS-6a	0	[8]	16
Bi-206(n,3n2a)Au-196g	TALYS-6a	0	[4]	20
Bi-206(n,3n2a)Au-196m	TALYS-6a	0	[4,7,8]	20
Bi-206(n,3n2a)Au-196n	TALYS-6a	0	[4,7,8]	19
Bi-206(n,3npa)Hg-199g	TALYS-6a	0		19
Bi-206(n,3npa)Hg-199m	TALYS-6a	0		19
Bi-206(n,n'pd)Tl-203	TALYS-6a	0	[8]	24
Bi-206(n,n'pt)Tl-202	TALYS-6a	0	[8]	22
Bi-206(n,n'dt)Tl-201	TALYS-6a	0	[8]	16
Bi-206(n,n'ta)Hg-199g	TALYS-6a	0		26
Bi-206(n,n'ta)Hg-199m	TALYS-6a	0		26
Bi-206(n,2n2p)Tl-203	TALYS-6a	0	[8]	23
Bi-206(n,ha)Au-200g	TALYS-6a	0	[4,8]	24
Bi-206(n,ha)Au-200m	TALYS-6a	0	[4,7,8,8]	23
Bi-206(n,4n2p)Tl-201	TALYS-6a	0	[8]	12
Bi-206(n,4n2a)Au-195g	TALYS-6a	0		15
Bi-206(n,4n2a)Au-195m	TALYS-6a	0		15
Bi-206(n,4npa)Hg-198	TALYS-6a	0	[8]	14
Bi-206(n,5n2p)Tl-200	TALYS-6a	0	[8]	8
Bi-207(n,2nd)Pb-204g	TALYS-6a	0	[4,8]	28
Bi-207(n,2nd)Pb-204m	TALYS-6a	0	[4,7,8,8]	26
Bi-207(n,2n)Bi-206	TALYS-6a	0		45
Bi-207(n,3n)Bi-205	TALYS-6a	0		31
Bi-207(n,n'a)Tl-203	TALYS-6a	0		100
Bi-207(n,2na)Tl-202	TALYS-6a	0	[8]	41
Bi-207(n,3na)Tl-201	TALYS-6a	0	[8]	29
Bi-207(n,n'p)Pb-206	TALYS-6a	0	[8]	61
Bi-207(n,n'2a)Au-199	TALYS-6a	0		100
Bi-207(n,2n2a)Au-198g	TALYS-6a	0	[4,8]	27
Bi-207(n,2n2a)Au-198m	TALYS-6a	0	[4,7,8,8]	26
Bi-207(n,n'd)Pb-205g	TALYS-6a	0	[4,8]	38
+Bi-207(n,n'd)Pb-205m	TALYS-6a	0	[4,7,8,8]	37
Bi-207(n,n't)Pb-204g	TALYS-6a	0	[4,8]	36
Bi-207(n,n't)Pb-204m	TALYS-6a	0	[4,7,8,8]	35
Bi-207(n,n'h)Tl-204	TALYS-6a	0	[8]	29
Bi-207(n,4n)Bi-204	TALYS-6a	0		23
+Bi-207(n,2np)Pb-205g	TALYS-6a	0	[4,8]	35
+Bi-207(n,2np)Pb-205m	TALYS-6a	0	[4,7,8,8]	34
Bi-207(n,3np)Pb-204g	TALYS-6a	0	[4,8]	27
Bi-207(n,3np)Pb-204m	TALYS-6a	0	[4,7,8,8]	24
Bi-207(n,n'2p)Tl-205	TALYS-6a	0	[8]	29
Bi-207(n,n'pa)Hg-202	TALYS-6a	0	[8]	36
Bi-207(n,g)Bi-208g	MASGAM	0	[14,13,4,6]	83
Bi-207(n,g)Bi-208m	MASGAM	0	[14,7,13,4,6]	83
Bi-207(n,p)Pb-207g	TALYS-6a	0	[2]	100
Bi-207(n,p)Pb-207m	TALYS-6a	0	[2]	100
Bi-207(n,d)Pb-206	TALYS-6a	0	[8]	69
+Bi-207(n,t)Pb-205g	TALYS-6a	0	[4,8]	57
+Bi-207(n,t)Pb-205m	TALYS-6a	0	[4,7,8,8]	56
Bi-207(n,h)Tl-205	TALYS-6a	0	[8]	42
Bi-207(n,a)Tl-204	TALYS-6a	0	[2]	100
Bi-207(n,2a)Au-200g	TALYS-6a	0	[4]	100
Bi-207(n,2a)Au-200m	TALYS-6a	0	[7,4,7]	100
Bi-207(n,2p)Tl-206g	TALYS-6a	0	[4,8]	41
Bi-207(n,2p)Tl-206m	TALYS-6a	0	[4,7,8,8]	40
Bi-207(n,pa)Hg-203	TALYS-6a	0		100
Bi-207(n,pd)Tl-205	TALYS-6a	0	[8]	31
Bi-207(n,da)Hg-202	TALYS-6a	0	[8]	38
Bi-207(n,5n)Bi-203g	TALYS-6a	0		16
Bi-207(n,5n)Bi-203m	TALYS-6a	0		15
Bi-207(n,6n)Bi-202	TALYS-6a	0		12
Bi-207(n,2nt)Pb-203g	TALYS-6a	0	[4]	25
Bi-207(n,2nt)Pb-203m	TALYS-6a	0	[4,7,8]	24

Reaction	Library		Refs	Value
Bi-207(n,2nt)Pb-203n	TALYS-6a	0	[4,7,8]	24
Bi-207(n,ta)Hg-201	TALYS-6a	0	[8]	34
Bi-207(n,4np)Pb-203g	TALYS-6a	0	[4]	18
Bi-207(n,4np)Pb-203m	TALYS-6a	0	[4,7,8]	17
Bi-207(n,4np)Pb-203n	TALYS-6a	0	[4,7,8]	16
Bi-207(n,3nd)Pb-203g	TALYS-6a	0	[4]	19
Bi-207(n,3nd)Pb-203m	TALYS-6a	0	[4,7,8]	19
Bi-207(n,3nd)Pb-203n	TALYS-6a	0	[4,7,8]	18
Bi-207(n,n'da)Hg-201	TALYS-6a	0	[8]	27
Bi-207(n,2npa)Hg-201	TALYS-6a	0	[8]	26
Bi-207(n,7n)Bi-201g	TALYS-6a	0		8
Bi-207(n,7n)Bi-201m	TALYS-6a	0		7
Bi-207(n,5np)Pb-202g	TALYS-6a	0	[4,8]	14
Bi-207(n,5np)Pb-202m	TALYS-6a	0	[4,7,8,8]	11
Bi-207(n,6np)Pb-201g	TALYS-6a	0		9
Bi-207(n,6np)Pb-201m	TALYS-6a	0		9
Bi-207(n,4na)Tl-200	TALYS-6a	0	[8]	21
Bi-207(n,5na)Tl-199	TALYS-6a	0	[8]	15
Bi-207(n,6na)Tl-198g	TALYS-6a	0		11
Bi-207(n,6na)Tl-198m	TALYS-6a	0		11
Bi-207(n,7na)Tl-197g	TALYS-6a	0		7
Bi-207(n,7na)Tl-197m	TALYS-6a	0		7
Bi-207(n,4nd)Pb-202g	TALYS-6a	0	[4,8]	14
Bi-207(n,4nd)Pb-202m	TALYS-6a	0	[4,7,8,8]	13
Bi-207(n,5nd)Pb-201g	TALYS-6a	0		10
Bi-207(n,5nd)Pb-201m	TALYS-6a	0		10
Bi-207(n,6nd)Pb-200	TALYS-6a	0	[8]	6
Bi-207(n,3nt)Pb-202g	TALYS-6a	0	[4,8]	18
Bi-207(n,3nt)Pb-202m	TALYS-6a	0	[4,7,8,8]	17
Bi-207(n,4nt)Pb-201g	TALYS-6a	0		13
Bi-207(n,4nt)Pb-201m	TALYS-6a	0		12
Bi-207(n,5nt)Pb-200	TALYS-6a	0	[8]	9
Bi-207(n,2nh)Tl-203	TALYS-6a	0	[8]	22
Bi-207(n,3nh)Tl-202	TALYS-6a	0	[8]	16
Bi-207(n,4nh)Tl-201	TALYS-6a	0	[8]	12
Bi-207(n,3n2p)Tl-203	TALYS-6a	0	[8]	16
Bi-207(n,3n2a)Au-197g	TALYS-6a	0		20
Bi-207(n,3n2a)Au-197m	TALYS-6a	0		20
Bi-207(n,3npa)Hg-200	TALYS-6a	0	[8]	19
Bi-207(n,n'pd)Tl-204	TALYS-6a	0	[8]	23
Bi-207(n,n'pt)Tl-203	TALYS-6a	0	[8]	22
Bi-207(n,n'dt)Tl-202	TALYS-6a	0	[8]	16
Bi-207(n,n'ta)Hg-200	TALYS-6a	0	[8]	26
Bi-207(n,2n2p)Tl-204	TALYS-6a	0	[8]	22
Bi-207(n,ha)Au-201	TALYS-6a	0	[8,7,8]	24
Bi-207(n,4n2p)Tl-202	TALYS-6a	0	[8]	12
Bi-207(n,4n2a)Au-196g	TALYS-6a	0	[4]	14
Bi-207(n,4n2a)Au-196m	TALYS-6a	0	[4,7,8]	14
Bi-207(n,4n2a)Au-196n	TALYS-6a	0	[4,7,8]	13
Bi-207(n,4npa)Hg-199g	TALYS-6a	0		14
Bi-207(n,4npa)Hg-199m	TALYS-6a	0		14
+Bi-208(n,2nd)Pb-205g	TALYS-6a	0	[4,8]	28
+Bi-208(n,2nd)Pb-205m	TALYS-6a	0	[4,7,8,8]	27
Bi-208(n,2n)Bi-207	TALYS-6a	0		51
Bi-208(n,3n)Bi-206	TALYS-6a	0		31
Bi-208(n,n'a)Tl-204	TALYS-6a	0		100
Bi-208(n,2na)Tl-203	TALYS-6a	0	[8]	43
Bi-208(n,3na)Tl-202	TALYS-6a	0	[8]	29
Bi-208(n,n'p)Pb-207g	TALYS-6a	0		60
Bi-208(n,n'p)Pb-207m	TALYS-6a	0		52
Bi-208(n,n'2a)Au-200g	TALYS-6a	0	[4]	100
Bi-208(n,n'2a)Au-200m	TALYS-6a	0	[7,4,7]	100
Bi-208(n,2n2a)Au-199	TALYS-6a	0	[8]	28
Bi-208(n,n'd)Pb-206	TALYS-6a	0	[8]	40
+Bi-208(n,n't)Pb-205g	TALYS-6a	0	[4,8]	36
+Bi-208(n,n't)Pb-205m	TALYS-6a	0	[4,7,8,8]	35
Bi-208(n,n'h)Tl-205	TALYS-6a	0	[8]	30
Bi-208(n,4n)Bi-205	TALYS-6a	0		24
Bi-208(n,2np)Pb-206	TALYS-6a	0	[8]	38
+Bi-208(n,3np)Pb-205g	TALYS-6a	0	[4,8]	26
+Bi-208(n,3np)Pb-205m	TALYS-6a	0	[4,7,8,8]	25
Bi-208(n,n'2p)Tl-206g	TALYS-6a	0	[4,8]	29
Bi-208(n,n'2p)Tl-206m	TALYS-6a	0	[4,7,8,8]	28
Bi-208(n,n'pa)Hg-203	TALYS-6a	0	[8]	35
Bi-208(n,g)Bi-209	MASGAM	0	[14,13]	83
Bi-208(n,p)Pb-208	TALYS-6a	0	[2]	100
Bi-208(n,d)Pb-207g	TALYS-6a	0		68
Bi-208(n,d)Pb-207m	TALYS-6a	0		61
Bi-208(n,t)Pb-206	TALYS-6a	0	[8]	63
Bi-208(n,h)Tl-206g	TALYS-6a	0	[4,8]	41
Bi-208(n,h)Tl-206m	TALYS-6a	0	[4,7,8,8]	40
Bi-208(n,a)Tl-205	TALYS-6a	0	[2]	100
Bi-208(n,2a)Au-201	TALYS-6a	0		100
Bi-208(n,2p)Tl-207g	TALYS-6a	0		41
Bi-208(n,2p)Tl-207m	TALYS-6a	0		38
Bi-208(n,pa)Hg-204	TALYS-6a	0		100
Bi-208(n,pd)Tl-206g	TALYS-6a	0	[4,8]	30
Bi-208(n,pd)Tl-206m	TALYS-6a	0	[4,7,8,8]	29
Bi-208(n,da)Hg-203	TALYS-6a	0	[8]	37
Bi-208(n,5n)Bi-204	TALYS-6a	0		16
Bi-208(n,6n)Bi-203g	TALYS-6a	0		13
Bi-208(n,6n)Bi-203m	TALYS-6a	0		12
Bi-208(n,2nt)Pb-204g	TALYS-6a	0	[4,8]	27
Bi-208(n,2nt)Pb-204m	TALYS-6a	0	[4,7,8,8]	25
Bi-208(n,ta)Hg-202	TALYS-6a	0	[8]	36
Bi-208(n,4np)Pb-204g	TALYS-6a	0	[4,8]	19
Bi-208(n,4np)Pb-204m	TALYS-6a	0	[4,7,8,8]	17
Bi-208(n,3nd)Pb-204g	TALYS-6a	0	[4,8]	21
Bi-208(n,3nd)Pb-204m	TALYS-6a	0	[4,7,8,8]	19
Bi-208(n,n'da)Hg-202	TALYS-6a	0	[8]	28
Bi-208(n,2npa)Hg-202	TALYS-6a	0	[8]	27
Bi-208(n,7n)Bi-202	TALYS-6a	0		8
Bi-208(n,5np)Pb-203g	TALYS-6a	0	[4]	14
Bi-208(n,5np)Pb-203m	TALYS-6a	0	[4,7,8]	13
Bi-208(n,5np)Pb-203n	TALYS-6a	0	[4,7,8]	12
Bi-208(n,6np)Pb-202g	TALYS-6a	0	[4,8]	10
Bi-208(n,6np)Pb-202m	TALYS-6a	0	[4,7,8,8]	8
Bi-208(n,7np)Pb-201g	TALYS-6a	0		6
Bi-208(n,7np)Pb-201m	TALYS-6a	0		6
Bi-208(n,4na)Tl-201	TALYS-6a	0	[8]	22
Bi-208(n,5na)Tl-200	TALYS-6a	0	[8]	15
Bi-208(n,6na)Tl-199	TALYS-6a	0	[8]	12
Bi-208(n,7na)Tl-198g	TALYS-6a	0		7
Bi-208(n,7na)Tl-198m	TALYS-6a	0		7
Bi-208(n,4nd)Pb-203g	TALYS-6a	0	[4]	14
Bi-208(n,4nd)Pb-203m	TALYS-6a	0	[4,7,8]	14
Bi-208(n,4nd)Pb-203n	TALYS-6a	0	[4,7,8]	13
Bi-208(n,5nd)Pb-202g	TALYS-6a	0	[4,8]	11
Bi-208(n,5nd)Pb-202m	TALYS-6a	0	[4,7,8,8]	9
Bi-208(n,6nd)Pb-201g	TALYS-6a	0		7
Bi-208(n,6nd)Pb-201m	TALYS-6a	0		6
Bi-208(n,3nt)Pb-203g	TALYS-6a	0	[4]	18
Bi-208(n,3nt)Pb-203m	TALYS-6a	0	[4,7,8]	17
Bi-208(n,3nt)Pb-203n	TALYS-6a	0	[4,7,8]	17
Bi-208(n,4nt)Pb-202g	TALYS-6a	0	[4,8]	14
Bi-208(n,4nt)Pb-202m	TALYS-6a	0	[4,7,8,8]	12
Bi-208(n,5nt)Pb-201g	TALYS-6a	0		9
Bi-208(n,5nt)Pb-201m	TALYS-6a	0		9
Bi-208(n,6nt)Pb-200	TALYS-6a	0	[8]	5
Bi-208(n,2nh)Tl-204	TALYS-6a	0	[8]	22
Bi-208(n,3nh)Tl-203	TALYS-6a	0	[8]	16
Bi-208(n,4nh)Tl-202	TALYS-6a	0	[8]	12
Bi-208(n,3n2p)Tl-204	TALYS-6a	0	[8]	16
Bi-208(n,3n2a)Au-198g	TALYS-6a	0	[4,8]	19
Bi-208(n,3n2a)Au-198m	TALYS-6a	0	[4,7,8,8]	18
Bi-208(n,3npa)Hg-201	TALYS-6a	0	[8]	19
Bi-208(n,n'pd)Tl-205	TALYS-6a	0	[8]	23
Bi-208(n,n'pt)Tl-204	TALYS-6a	0	[8]	22
Bi-208(n,n'ta)Hg-201	TALYS-6a	0	[8]	26
Bi-208(n,2n2p)Tl-205	TALYS-6a	0	[8]	22
Bi-208(n,4n2p)Tl-203	TALYS-6a	0	[8]	12
Bi-208(n,4n2a)Au-197g	TALYS-6a	0		15
Bi-208(n,4n2a)Au-197m	TALYS-6a	0		15
Bi-208(n,4npa)Hg-200	TALYS-6a	0	[8]	14
Bi-209(n,2nd)Pb-206	TALYS-6a	0	[8]	28
Bi-209(n,2n)Bi-208g	TALYS-6a	0	[4]	48
Bi-209(n,2n)Bi-208m	FENDL/A-1	4	[13,4,7,8,3]	43
Bi-209(n,3n)Bi-207	TALYS-5	6		33
Bi-209(n,n'a)Tl-205	TALYS-6a	0		100
Bi-209(n,2na)Tl-204	TALYS-6a	0	[8]	42
Bi-209(n,3na)Tl-203	TALYS-6a	0	[8]	30
Bi-209(n,n'p)Pb-208	TALYS-6a	0	[8]	60
Bi-209(n,n'2a)Au-201	TALYS-6a	0		100
Bi-209(n,2n2a)Au-200g	TALYS-6a	0	[4,8]	25
Bi-209(n,2n2a)Au-200m	TALYS-6a	0	[4,7,8,8]	24
Bi-209(n,n'd)Pb-207g	TALYS-6a	0		39
Bi-209(n,n'd)Pb-207m	TALYS-6a	0		36
Bi-209(n,n't)Pb-206	TALYS-6a	0	[8]	37
Bi-209(n,n'h)Tl-206g	TALYS-6a	0	[4,8]	29
Bi-209(n,n'h)Tl-206m	TALYS-6a	0	[4,7,8,8]	28
Bi-209(n,4n)Bi-206	TALYS-5	6		24
Bi-209(n,2np)Pb-207g	TALYS-6a	0		36
Bi-209(n,2np)Pb-207m	TALYS-6a	0		33
Bi-209(n,3np)Pb-206	TALYS-6a	0	[8]	27
Bi-209(n,n'2p)Tl-207g	TALYS-6a	0		28
Bi-209(n,n'2p)Tl-207m	TALYS-6a	0		27
Bi-209(n,n'pa)Hg-204	TALYS-6a	0	[8]	34
Bi-209(n,g)Bi-210g	ENDF/B-VI	4	[13,13,4,6,4]	19149
Bi-209(n,g)Bi-210m	ENDF/B-VI	2	[7,13,13,4,6,4]	19149
>Bi-209(n,p)Pb-209	TALYS-5a	5	[3]	100
Bi-209(n,d)Pb-208	TALYS-6a	0	[8]	68
>Bi-209(n,t)Pb-207g	TALYS-6a	0	[4]	60
Bi-209(n,t)Pb-207m	TALYS-6a	0		53
Bi-209(n,h)Tl-207g	TALYS-6a	0		40
Bi-209(n,h)Tl-207m	TALYS-6a	0		39
Bi-209(n,a)Tl-206g	TALYS-5	6	[9,14,4,3,10,3]	8417
Bi-209(n,a)Tl-206m	TALYS-5	5	[7,9,14,4,7,3,10,3]	8417
Bi-209(n,2a)Au-202	TALYS-6a	0		100
Bi-209(n,2p)Tl-208	TALYS-6a	0	[8]	33
Bi-209(n,pd)Tl-207g	TALYS-6a	0		29
Bi-209(n,pd)Tl-207m	TALYS-6a	0		28
Bi-209(n,5n)Bi-205	TALYS-5	4		17
Bi-209(n,6n)Bi-204	TALYS-5	4		12
+Bi-209(n,2nt)Pb-205g	TALYS-6a	0	[4,8]	26
+Bi-209(n,2nt)Pb-205m	TALYS-6a	0	[4,7,8,8]	25
Bi-209(n,ta)Hg-203	TALYS-6a	0	[8]	33
+Bi-209(n,4np)Pb-205g	TALYS-6a	0	[4,8]	19
+Bi-209(n,4np)Pb-205m	TALYS-6a	0	[4,7,8,8]	17
+Bi-209(n,3nd)Pb-205g	TALYS-6a	0	[4,8]	20
+Bi-209(n,3nd)Pb-205m	TALYS-6a	0	[4,7,8,8]	19
Bi-209(n,n'da)Hg-203	TALYS-6a	0	[8]	26
Bi-209(n,2npa)Hg-203	TALYS-6a	0	[8]	25
Bi-209(n,7n)Bi-203g	TALYS-6a	0		9
Bi-209(n,7n)Bi-203m	TALYS-6a	0		8
Bi-209(n,8n)Bi-202	TALYS-6a	0		4
Bi-209(n,5np)Pb-204g	TALYS-6a	0	[4,8]	14
Bi-209(n,5np)Pb-204m	TALYS-6a	0	[4,7,8,8]	12
Bi-209(n,6np)Pb-203g	TALYS-6a	0	[4]	10
Bi-209(n,6np)Pb-203m	TALYS-6a	0	[4,7,8]	10
Bi-209(n,6np)Pb-203n	TALYS-6a	0	[4,7,8]	8
Bi-209(n,7np)Pb-202g	TALYS-6a	0	[4,8]	6
Bi-209(n,7np)Pb-202m	TALYS-6a	0	[4,7,8,8]	4
Bi-209(n,4na)Tl-202	TALYS-6a	0	[8]	22
Bi-209(n,5na)Tl-201	TALYS-6a	0	[8]	16
Bi-209(n,6na)Tl-200	TALYS-6a	0	[8]	11
Bi-209(n,7na)Tl-199	TALYS-6a	0	[8]	8
Bi-209(n,4nd)Pb-204g	TALYS-6a	0	[4,8]	15
Bi-209(n,4nd)Pb-204m	TALYS-6a	0	[4,7,8,8]	13
Bi-209(n,5nd)Pb-203g	TALYS-6a	0	[4]	11
Bi-209(n,5nd)Pb-203m	TALYS-6a	0	[4,7,8]	10
Bi-209(n,5nd)Pb-203n	TALYS-6a	0	[4,7,8]	9
Bi-209(n,6nd)Pb-202g	TALYS-6a	0	[4]	7
Bi-209(n,6nd)Pb-202m	TALYS-6a	0	[4,7,8,8]	5
Bi-209(n,3nt)Pb-204g	TALYS-6a	0	[4,8]	19
Bi-209(n,3nt)Pb-204m	TALYS-6a	0	[4,7,8,8]	18
Bi-209(n,4nt)Pb-203g	TALYS-6a	0	[4]	13

Reaction	Library	Flag	Refs	Value
Bi-209(n,4nt)Pb-203m	TALYS-6a	0	[4,7,8]	13
Bi-209(n,4nt)Pb-203n	TALYS-6a	0	[4,7,8]	12
Bi-209(n,5nt)Pb-202g	TALYS-6a	0	[4,8]	10
Bi-209(n,5nt)Pb-202m	TALYS-6a	0	[4,7,8,8]	9
Bi-209(n,6nt)Pb-201g	TALYS-6a	0		5
Bi-209(n,6nt)Pb-201m	TALYS-6a	0		5
Bi-209(n,2nh)Tl-205	TALYS-6a	0	[8]	22
Bi-209(n,3nh)Tl-204	TALYS-6a	0	[8]	16
Bi-209(n,4nh)Tl-203	TALYS-6a	0	[8]	12
Bi-209(n,3n2p)Tl-205	TALYS-6a	0	[8]	15
Bi-209(n,3n2a)Au-199	TALYS-6a	0	[8]	19
Bi-209(n,3npa)Hg-202	TALYS-6a	0	[8]	18
Bi-209(n,n'pd)Tl-206g	TALYS-6a	0	[4,8]	22
Bi-209(n,n'pd)Tl-206m	TALYS-6a	0	[4,7,8,8]	21
Bi-209(n,n'pt)Tl-205	TALYS-6a	0	[8]	22
Bi-209(n,n'ta)Hg-202	TALYS-6a	0	[8]	25
Bi-209(n,2n2p)Tl-206g	TALYS-6a	0	[4,8]	21
Bi-209(n,2n2p)Tl-206m	TALYS-6a	0	[4,7,8,8]	20
Bi-209(n,4n2p)Tl-204	TALYS-6a	0	[8]	12
Bi-209(n,4n2a)Au-198g	TALYS-6a	0	[4,8]	13
Bi-209(n,4n2a)Au-198m	TALYS-6a	0	[4,7,8,8]	12
Bi-209(n,4npa)Hg-201	TALYS-6a	0	[8]	13
Bi-210(n,n')Bi-210m	TALYS-6a	0		88
Bi-210(n,2nd)Pb-207g	TALYS-6a	0		30
Bi-210(n,2nd)Pb-207m	TALYS-6a	0		29
Bi-210(n,2n)Bi-209	TALYS-6a	0		62
Bi-210(n,3n)Bi-208g	TALYS-6a	0	[4]	37
Bi-210(n,3n)Bi-208m	TALYS-6a	0	[4,7,8]	33
Bi-210(n,n'a)Tl-206g	TALYS-6a	0	[4]	100
Bi-210(n,n'a)Tl-206m	TALYS-6a	0	[7,4,7]	100
Bi-210(n,2na)Tl-205	TALYS-6a	0	[8]	50
Bi-210(n,3na)Tl-204	TALYS-6a	0	[8]	32
Bi-210(n,n'p)Pb-209	TALYS-6a	0	[8]	56
Bi-210(n,n'2a)Au-202	TALYS-6a	0		100
Bi-210(n,2n2a)Au-201	TALYS-6a	0	[8,7,8]	28
Bi-210(n,n'd)Pb-208	TALYS-6a	0	[8]	45
Bi-210(n,n't)Pb-207g	TALYS-6a	0		41
Bi-210(n,n't)Pb-207m	TALYS-6a	0		38
Bi-210(n,n'h)Tl-207g	TALYS-6a	0		31
Bi-210(n,n'h)Tl-207m	TALYS-6a	0		30
Bi-210(n,4n)Bi-207	TALYS-6a	0		27
Bi-210(n,2np)Pb-208	TALYS-6a	0	[8]	42
Bi-210(n,3np)Pb-207g	TALYS-6a	0		29
Bi-210(n,3np)Pb-207m	TALYS-6a	0		27
Bi-210(n,n'2p)Tl-208	TALYS-6a	0	[8]	27
Bi-210(n,n'pa)Hg-205	TALYS-6a	0	[8]	36
>Bi-210(n,g)Bi-211	TALYS-5a	2		100
Bi-210(n,p)Pb-210	TALYS-5a	0	[2]	100
Bi-210(n,d)Pb-209	TALYS-6a	0	[8]	64
Bi-210(n,t)Pb-208	TALYS-6a	0		100
Bi-210(n,h)Tl-208	TALYS-6a	0	[8]	38
Bi-210(n,a)Tl-207g	TALYS-6a	0	[2]	100
Bi-210(n,a)Tl-207m	TALYS-6a	0	[2]	100
Bi-210(n,2p)Tl-209	TALYS-6a	0	[8]	32
Bi-210(n,pa)Hg-206	TALYS-6a	0		100
Bi-210(n,pd)Tl-208	TALYS-6a	0	[8]	28
Bi-210(n,5n)Bi-206	TALYS-6a	0		19
Bi-210(n,6n)Bi-205	TALYS-6a	0		14
Bi-210(n,2nt)Pb-206	TALYS-6a	0	[8]	29
Bi-210(n,4np)Pb-206	TALYS-6a	0	[8]	22
Bi-210(n,3nd)Pb-206	TALYS-6a	0	[8]	23
Bi-210(n,n'da)Hg-204	TALYS-6a	0	[8]	29
Bi-210(n,2npa)Hg-204	TALYS-6a	0	[8]	27
Bi-210(n,7n)Bi-204	TALYS-6a	0		10
Bi-210(n,8n)Bi-203g	TALYS-6a	0		6
Bi-210(n,8n)Bi-203m	TALYS-6a	0		6
+Bi-210(n,5np)Pb-205g	TALYS-6a	0	[4,8]	15
+Bi-210(n,5np)Pb-205m	TALYS-6a	0	[4,7,8,8]	14
Bi-210(n,6np)Pb-204g	TALYS-6a	0	[4,8]	12
Bi-210(n,6np)Pb-204m	TALYS-6a	0	[4,7,8,8]	10
Bi-210(n,7np)Pb-203g	TALYS-6a	0	[4]	8
Bi-210(n,7np)Pb-203m	TALYS-6a	0	[4,7,8]	7
Bi-210(n,7np)Pb-203n	TALYS-6a	0	[4,7,8]	6
Bi-210(n,4na)Tl-203	TALYS-6a	0	[8]	25
Bi-210(n,5na)Tl-202	TALYS-6a	0	[8]	17
Bi-210(n,6na)Tl-201	TALYS-6a	0	[8]	13
Bi-210(n,7na)Tl-200	TALYS-6a	0	[8]	9
+Bi-210(n,4nd)Pb-205g	TALYS-6a	0	[4,8]	16
+Bi-210(n,4nd)Pb-205m	TALYS-6a	0	[4,7,8,8]	15
Bi-210(n,5nd)Pb-204g	TALYS-6a	0	[4,8]	12
Bi-210(n,5nd)Pb-204m	TALYS-6a	0	[4,7,8,8]	11
Bi-210(n,6nd)Pb-203g	TALYS-6a	0	[4]	8
Bi-210(n,6nd)Pb-203m	TALYS-6a	0	[4,7,8]	8
Bi-210(n,6nd)Pb-203n	TALYS-6a	0	[4,7,8]	7
+Bi-210(n,3nt)Pb-205g	TALYS-6a	0	[4,8]	21
+Bi-210(n,3nt)Pb-205m	TALYS-6a	0	[4,7,8,8]	20
Bi-210(n,4nt)Pb-204g	TALYS-6a	0	[4,8]	15
Bi-210(n,4nt)Pb-204m	TALYS-6a	0	[4,7,8,8]	14
Bi-210(n,5nt)Pb-203g	TALYS-6a	0	[4]	11
Bi-210(n,5nt)Pb-203m	TALYS-6a	0	[4,7,8]	11
Bi-210(n,5nt)Pb-203n	TALYS-6a	0	[4,7,8]	10
Bi-210(n,6nt)Pb-202g	TALYS-6a	0	[4,8]	7
Bi-210(n,6nt)Pb-202m	TALYS-6a	0	[4,7,8,8]	6
Bi-210(n,2nh)Tl-206g	TALYS-6a	0	[4,8]	24
Bi-210(n,2nh)Tl-206m	TALYS-6a	0	[4,7,8]	23
Bi-210(n,3nh)Tl-205	TALYS-6a	0	[8]	18
Bi-210(n,4nh)Tl-204	TALYS-6a	0	[8]	13
Bi-210(n,3n2p)Tl-206g	TALYS-6a	0	[4,8]	16
Bi-210(n,3n2p)Tl-206m	TALYS-6a	0	[4,7,8,8]	15
Bi-210(n,3n2a)Au-200g	TALYS-6a	0	[4,8]	18
Bi-210(n,3n2a)Au-200m	TALYS-6a	0	[4,7,8,8]	18
Bi-210(n,3npa)Hg-203	TALYS-6a	0	[8]	20
Bi-210(n,n'pd)Tl-207g	TALYS-6a	0		25
Bi-210(n,n'pd)Tl-207m	TALYS-6a	0		23
Bi-210(n,n'pt)Tl-206g	TALYS-6a	0	[4,8]	24
Bi-210(n,n'pt)Tl-206m	TALYS-6a	0	[4,7,8,8]	23
Bi-210(n,n'ta)Hg-203	TALYS-6a	0	[8]	27
Bi-210(n,2n2p)Tl-207g	TALYS-6a	0		23
Bi-210(n,2n2p)Tl-207m	TALYS-6a	0		22
Bi-210(n,4n2p)Tl-205	TALYS-6a	0	[8]	13
Bi-210(n,4n2a)Au-199	TALYS-6a	0	[8]	15
Bi-210(n,4npa)Hg-202	TALYS-6a	0	[8]	15
Bi-210(n,5n2p)Tl-204	TALYS-6a	0	[8]	9
Bi-210m(n,n')Bi-210g	TALYS-6a	0	[8]	97
Bi-210m(n,2nd)Pb-207g	TALYS-6a	0		31
Bi-210m(n,2nd)Pb-207m	TALYS-6a	0		29
Bi-210m(n,2n)Bi-209	TALYS-6a	0		64
Bi-210m(n,3n)Bi-208g	TALYS-6a	0	[4]	38
Bi-210m(n,3n)Bi-208m	TALYS-6a	0	[4,7,8]	34
Bi-210m(n,n'a)Tl-206g	TALYS-6a	0	[4]	100
Bi-210m(n,n'a)Tl-206m	TALYS-6a	0	[7,4,7]	100
Bi-210m(n,2na)Tl-205	TALYS-6a	0	[8]	51
Bi-210m(n,3na)Tl-204	TALYS-6a	0	[8]	33
Bi-210m(n,n'p)Pb-209	TALYS-6a	0	[8]	57
Bi-210m(n,n'2a)Au-202	TALYS-6a	0		100
Bi-210m(n,2n2a)Au-201	TALYS-6a	0	[8,7,8]	28
Bi-210m(n,n'd)Pb-208	TALYS-6a	0	[8]	45
Bi-210m(n,n't)Pb-207g	TALYS-6a	0		42
Bi-210m(n,n't)Pb-207m	TALYS-6a	0		39
Bi-210m(n,n'h)Tl-207g	TALYS-6a	0		31
Bi-210m(n,n'h)Tl-207m	TALYS-6a	0		30
Bi-210m(n,4n)Bi-207	TALYS-6a	0		28
Bi-210m(n,2np)Pb-208	TALYS-6a	0	[8]	42
Bi-210m(n,3np)Pb-207g	TALYS-6a	0		29
Bi-210m(n,3np)Pb-207m	TALYS-6a	0		28
Bi-210m(n,n'2p)Tl-208	TALYS-6a	0	[8]	27
Bi-210m(n,n'pa)Hg-205	TALYS-6a	0	[8]	37
>Bi-210m(n,g)Bi-211	MASGAM	2	[14,13,12]	147
Bi-210m(n,p)Pb-210	TALYS-6a	0	[2]	100
Bi-210m(n,d)Pb-209	TALYS-6a	0	[8]	65
Bi-210m(n,t)Pb-208	TALYS-6a	0		100
Bi-210m(n,h)Tl-208	TALYS-6a	0	[8]	38
Bi-210m(n,a)Tl-207g	TALYS-6a	0	[2]	100
Bi-210m(n,a)Tl-207m	TALYS-6a	0	[2]	100
Bi-210m(n,2p)Tl-209	TALYS-6a	0	[8]	32
Bi-210m(n,pa)Hg-206	TALYS-6a	0		100
Bi-210m(n,pd)Tl-208	TALYS-6a	0	[8]	28
Bi-210m(n,5n)Bi-206	TALYS-6a	0		20
Bi-210m(n,6n)Bi-205	TALYS-6a	0		15
Bi-210m(n,2nt)Pb-206	TALYS-6a	0	[8]	30
Bi-210m(n,ta)Hg-204	TALYS-6a	0		100
Bi-210m(n,4np)Pb-206	TALYS-6a	0	[8]	22
Bi-210m(n,3nd)Pb-206	TALYS-6a	0	[8]	24
Bi-210m(n,n'da)Hg-204	TALYS-6a	0	[8]	29
Bi-210m(n,2npa)Hg-204	TALYS-6a	0	[8]	28
Bi-210m(n,7n)Bi-204	TALYS-6a	0		10
Bi-210m(n,8n)Bi-203g	TALYS-6a	0		7
Bi-210m(n,8n)Bi-203m	TALYS-6a	0		6
+Bi-210m(n,5np)Pb-205g	TALYS-6a	0	[4,8]	15
+Bi-210m(n,5np)Pb-205m	TALYS-6a	0	[4,7,8,8]	14
Bi-210m(n,6np)Pb-204g	TALYS-6a	0	[4,8]	12
Bi-210m(n,6np)Pb-204m	TALYS-6a	0	[4,7,8,8]	10
Bi-210m(n,7np)Pb-203g	TALYS-6a	0	[4]	8
Bi-210m(n,7np)Pb-203m	TALYS-6a	0	[4,7,8]	6
Bi-210m(n,7np)Pb-203n	TALYS-6a	0	[4,7,8]	6
Bi-210m(n,4na)Tl-203	TALYS-6a	0	[8]	25
Bi-210m(n,5na)Tl-202	TALYS-6a	0	[8]	17
Bi-210m(n,6na)Tl-201	TALYS-6a	0	[8]	13
Bi-210m(n,7na)Tl-200	TALYS-6a	0	[8]	9
+Bi-210m(n,4nd)Pb-205g	TALYS-6a	0	[4,8]	16
+Bi-210m(n,4nd)Pb-205m	TALYS-6a	0	[4,7,8,8]	15
Bi-210m(n,5nd)Pb-204g	TALYS-6a	0	[4,8]	12
Bi-210m(n,5nd)Pb-204m	TALYS-6a	0	[4,7,8,8]	11
Bi-210m(n,6nd)Pb-203g	TALYS-6a	0	[4]	8
Bi-210m(n,6nd)Pb-203m	TALYS-6a	0	[4,7,8]	7
Bi-210m(n,6nd)Pb-203n	TALYS-6a	0	[4,7,8]	7
+Bi-210m(n,3nt)Pb-205g	TALYS-6a	0	[4,8]	21
+Bi-210m(n,3nt)Pb-205m	TALYS-6a	0	[4,7,8,8]	20
Bi-210m(n,4nt)Pb-204g	TALYS-6a	0	[4,8]	15
Bi-210m(n,4nt)Pb-204m	TALYS-6a	0	[4,7,8,8]	14
Bi-210m(n,5nt)Pb-203g	TALYS-6a	0	[4]	11
Bi-210m(n,5nt)Pb-203m	TALYS-6a	0	[4,7,8]	10
Bi-210m(n,5nt)Pb-203n	TALYS-6a	0	[4,7,8]	10
Bi-210m(n,6nt)Pb-202g	TALYS-6a	0	[4,8]	7
Bi-210m(n,6nt)Pb-202m	TALYS-6a	0	[4,7,8,8]	6
Bi-210m(n,2nh)Tl-206g	TALYS-6a	0	[4,8]	24
Bi-210m(n,2nh)Tl-206m	TALYS-6a	0	[4,7,8,8]	23
Bi-210m(n,3nh)Tl-205	TALYS-6a	0	[8]	18
Bi-210m(n,4nh)Tl-204	TALYS-6a	0	[8]	14
Bi-210m(n,3n2p)Tl-206g	TALYS-6a	0	[4,8]	16
Bi-210m(n,3n2p)Tl-206m	TALYS-6a	0	[4,7,8,8]	15
Bi-210m(n,3n2a)Au-200g	TALYS-6a	0	[4,8]	19
Bi-210m(n,3n2a)Au-200m	TALYS-6a	0	[4,7,8,8]	18
Bi-210m(n,3npa)Hg-203	TALYS-6a	0	[8]	20
Bi-210m(n,n'pd)Tl-207g	TALYS-6a	0		25
Bi-210m(n,n'pd)Tl-207m	TALYS-6a	0		24
Bi-210m(n,n'pt)Tl-206g	TALYS-6a	0	[4,8]	24
Bi-210m(n,n'pt)Tl-206m	TALYS-6a	0	[4,7,8,8]	23
Bi-210m(n,n'ta)Hg-203	TALYS-6a	0	[8]	27
Bi-210m(n,2n2p)Tl-207g	TALYS-6a	0		23
Bi-210m(n,2n2p)Tl-207m	TALYS-6a	0		22
Bi-210m(n,4n2p)Tl-205	TALYS-6a	0	[8]	13
Bi-210m(n,4n2a)Au-199	TALYS-6a	0	[8]	15
Bi-210m(n,4npa)Hg-202	TALYS-6a	0	[8]	15
Bi-210m(n,5n2p)Tl-204	TALYS-6a	0	[8]	9
Po-206(n,2nd)Bi-203g	TALYS-6a	0		26
Po-206(n,2nd)Bi-203m	TALYS-6a	0		25
Po-206(n,2n)Po-205	TALYS-6a	0		44
Po-206(n,3n)Po-204	TALYS-6a	0		30
Po-206(n,n'a)Pb-202g	TALYS-6a	0	[4]	100
Po-206(n,n'a)Pb-202m	TALYS-6a	0	[7,4,7]	100
Po-206(n,2na)Pb-201g	TALYS-6a	0		44
Po-206(n,2na)Pb-201m	TALYS-6a	0		42
Po-206(n,3na)Pb-200	TALYS-6a	0		30
Po-206(n,n'p)Bi-205	TALYS-6a	0	[8]	57
Po-206(n,n'2a)Hg-198	TALYS-6a	0		100
Po-206(n,2n2a)Hg-197g	TALYS-6a	0		31
Po-206(n,2n2a)Hg-197m	TALYS-6a	0		31

Reaction	Method		Refs	Value
Po-206(n,n'd)Bi-204	TALYS-6a	0	[8,7,8]	35
Po-206(n,n't)Bi-203g	TALYS-6a	0		33
Po-206(n,n't)Bi-203m	TALYS-6a	0		31
Po-206(n,n'h)Pb-203g	TALYS-6a	0	[4]	32
Po-206(n,n'h)Pb-203m	TALYS-6a	0	[4,7,8]	30
Po-206(n,n'h)Pb-203n	TALYS-6a	0	[4,7,8]	31
Po-206(n,n't2a)Au-195g	TALYS-6a	0		15
Po-206(n,n't2a)Au-195m	TALYS-6a	0		15
Po-206(n,4n)Po-203g	TALYS-6a	0		21
Po-206(n,4n)Po-203m	TALYS-6a	0		21
Po-206(n,2np)Bi-204	TALYS-6a	0	[8,7,8]	33
Po-206(n,3np)Bi-203g	TALYS-6a	0		25
Po-206(n,3np)Bi-203m	TALYS-6a	0		24
Po-206(n,n'2p)Pb-204g	TALYS-6a	0	[4,8]	36
Po-206(n,n'2p)Pb-204m	TALYS-6a	0	[4,7,8,8]	35
Po-206(n,npa)Tl-201	TALYS-6a	0	[8]	42
Po-206(n,g)Po-207g	MASGAM	0	[14,13,4,6]	83
Po-206(n,g)Po-207m	MASGAM	0	[14,7,13,4,6]	83
Po-206(n,p)Bi-206	TALYS-6a	0	[2]	100
Po-206(n,d)Bi-205	TALYS-6a	0	[8]	65
Po-206(n,t)Bi-204	TALYS-6a	0	[8,7,8]	50
Po-206(n,h)Pb-204g	TALYS-6a	0	[4]	100
Po-206(n,h)Pb-204m	TALYS-6a	0	[4,7,8,10]	74
Po-206(n,a)Pb-203g	TALYS-6a	0	[4,2]	100
Po-206(n,a)Pb-203m	TALYS-6a	0	[4,7,2]	100
Po-206(n,a)Pb-203n	TALYS-6a	0	[7,4,7,2]	100
Po-206(n,2a)Hg-199g	TALYS-6a	0	[10]	100
Po-206(n,2a)Hg-199m	TALYS-6a	0	[10]	100
+Po-206(n,2p)Pb-205g	TALYS-6a	0	[4,8]	58
+Po-206(n,2p)Pb-205m	TALYS-6a	0	[4,7,8,8]	57
Po-206(n,pa)Tl-202	TALYS-6a	0		100
Po-206(n,pd)Pb-204g	TALYS-6a	0	[4,8]	38
Po-206(n,pd)Pb-204m	TALYS-6a	0	[4,7,8,8]	37
Po-206(n,pt)Pb-203g	TALYS-6a	0	[4]	33
Po-206(n,pt)Pb-203m	TALYS-6a	0	[4,7,8]	30
Po-206(n,pt)Pb-203n	TALYS-6a	0	[4,7,8]	32
Po-206(n,da)Tl-201	TALYS-6a	0		100
Po-206(n,5n)Po-202	TALYS-6a	0		15
Po-206(n,2nt)Bi-202	TALYS-6a	0	[8]	23
Po-206(n,ta)Tl-200	TALYS-6a	0	[8]	37
Po-206(n,4np)Bi-202	TALYS-6a	0	[8]	16
Po-206(n,3nd)Bi-202	TALYS-6a	0	[8]	17
Po-206(n,n'da)Tl-200	TALYS-6a	0	[8]	28
Po-206(n,2npa)Tl-200	TALYS-6a	0	[8]	28
Po-206(n,5np)Bi-201g	TALYS-6a	0		12
Po-206(n,5np)Bi-201m	TALYS-6a	0		12
Po-206(n,6np)Bi-200g	TALYS-6a	0	[4]	8
Po-206(n,6np)Bi-200m	TALYS-6a	0	[4,7,8]	8
+Po-206(n,6np)Bi-200n	TALYS-6a	0	[4,7,8]	7
Po-206(n,4na)Pb-199g	TALYS-6a	0	[4,8]	20
Po-206(n,4na)Pb-199m	TALYS-6a	0	[4,7,8,8]	19
Po-206(n,5na)Pb-198	TALYS-6a	0	[8]	15
Po-206(n,6na)Pb-197g	TALYS-6a	0		10
Po-206(n,6na)Pb-197m	TALYS-6a	0		10
Po-206(n,4nd)Bi-201g	TALYS-6a	0		13
Po-206(n,4nd)Bi-201m	TALYS-6a	0		13
Po-206(n,5nd)Bi-200g	TALYS-6a	0	[4]	8
Po-206(n,5nd)Bi-200m	TALYS-6a	0	[4,7,8]	8
+Po-206(n,5nd)Bi-200n	TALYS-6a	0	[4,7,8]	7
Po-206(n,3nt)Bi-201g	TALYS-6a	0		16
Po-206(n,3nt)Bi-201m	TALYS-6a	0		15
Po-206(n,4nt)Bi-200g	TALYS-6a	0	[4]	11
Po-206(n,4nt)Bi-200m	TALYS-6a	0	[4,7,8]	11
+Po-206(n,4nt)Bi-200n	TALYS-6a	0	[4,7,8]	10
Po-206(n,5nt)Bi-199g	TALYS-6a	0		7
Po-206(n,5nt)Bi-199m	TALYS-6a	0		7
Po-206(n,2nh)Pb-202g	TALYS-6a	0	[4,8]	25
Po-206(n,2nh)Pb-202m	TALYS-6a	0	[4,7,8,8]	24
Po-206(n,3nh)Pb-201g	TALYS-6a	0		16
Po-206(n,3nh)Pb-201m	TALYS-6a	0		16
Po-206(n,4nh)Pb-200	TALYS-6a	0	[8]	13
Po-206(n,3n2p)Pb-202g	TALYS-6a	0	[4,8]	18
Po-206(n,3n2p)Pb-202m	TALYS-6a	0	[4,7,8,8]	17
Po-206(n,3n2a)Hg-196	TALYS-6a	0	[8]	24
Po-206(n,3npa)Tl-199	TALYS-6a	0	[8]	21
Po-206(n,n'pd)Pb-203g	TALYS-6a	0	[4]	26
Po-206(n,n'pd)Pb-203m	TALYS-6a	0	[4,7,8]	24
Po-206(n,n'pd)Pb-203n	TALYS-6a	0	[4,7,8]	25
Po-206(n,n'pt)Pb-202g	TALYS-6a	0	[4,8]	25
Po-206(n,n'pt)Pb-202m	TALYS-6a	0	[4,7,8,8]	24
Po-206(n,n'ta)Tl-199	TALYS-6a	0	[8]	27
Po-206(n,2n2p)Pb-203g	TALYS-6a	0	[4]	25
Po-206(n,2n2p)Pb-203m	TALYS-6a	0	[4,7,8]	23
Po-206(n,2n2p)Pb-203n	TALYS-6a	0	[4,7,8]	24
Po-206(n,ha)Hg-200	TALYS-6a	0		100
Po-206(n,4n2p)Pb-201g	TALYS-6a	0		12
Po-206(n,4n2p)Pb-201m	TALYS-6a	0		12
Po-206(n,4n2a)Hg-195g	TALYS-6a	0		15
Po-206(n,4n2a)Hg-195m	TALYS-6a	0		15
Po-206(n,4npa)Tl-198g	TALYS-6a	0		14
Po-206(n,4npa)Tl-198m	TALYS-6a	0		14
Po-206(n,3n2pa)Hg-198	TALYS-6a	0	[8]	12
Po-206(n,5n2p)Pb-200	TALYS-6a	0	[8]	9
Po-207(n,n')Po-207m	TALYS-6a	0		79
Po-207(n,2nd)Bi-204	TALYS-6a	0	[8,7,8]	26
Po-207(n,2n)Po-206	TALYS-6a	0		50
Po-207(n,3n)Po-205	TALYS-6a	0		31
Po-207(n,n'a)Pb-203g	TALYS-6a	0	[4]	100
Po-207(n,n'a)Pb-203m	TALYS-6a	0	[4,7]	100
Po-207(n,n'a)Pb-203n	TALYS-6a	0	[7,4,7]	100
Po-207(n,2na)Pb-202g	TALYS-6a	0	[4,8]	50
Po-207(n,2na)Pb-202m	TALYS-6a	0	[4,7,8,8]	49
Po-207(n,3na)Pb-201g	TALYS-6a	0		31
Po-207(n,3na)Pb-201m	TALYS-6a	0		30
Po-207(n,n'p)Bi-206	TALYS-6a	0	[8]	57
Po-207(n,n'2a)Hg-199g	TALYS-6a	0		100
Po-207(n,n'2a)Hg-199m	TALYS-6a	0		100
Po-207(n,2n2a)Hg-198	TALYS-6a	0		100
Po-207(n,n'd)Bi-205	TALYS-6a	0	[8]	38
Po-207(n,n't)Bi-204	TALYS-6a	0	[8,7,8]	33
Po-207(n,n'h)Pb-204g	TALYS-6a	0	[4,8]	34
Po-207(n,n'h)Pb-204m	TALYS-6a	0	[4,7,8,8]	33
Po-207(n,4n)Po-204	TALYS-6a	0		23
Po-207(n,2np)Bi-205	TALYS-6a	0	[8]	36
Po-207(n,3np)Bi-204	TALYS-6a	0	[8,7,8]	25
+Po-207(n,n'2p)Pb-205g	TALYS-6a	0	[4,8]	36
+Po-207(n,n'2p)Pb-205m	TALYS-6a	0	[4,7,8,8]	35
Po-207(n,n'pa)Tl-202	TALYS-6a	0	[8]	41
Po-207(n,g)Po-208	MASGAM	0	[14,13]	83
Po-207(n,p)Bi-207	TALYS-6a	0	[2]	100
Po-207(n,d)Bi-206	TALYS-6a	0	[8]	64
Po-207(n,t)Bi-205	TALYS-6a	0	[8]	58
+Po-207(n,h)Pb-205g	TALYS-6a	0	[4,8]	55
+Po-207(n,h)Pb-205m	TALYS-6a	0	[4,7,8,8]	54
Po-207(n,a)Pb-204g	TALYS-6a	0	[4,2]	100
Po-207(n,a)Pb-204m	TALYS-6a	0	[7,4,7,2]	100
Po-207(n,2a)Hg-200	TALYS-6a	0	[10]	100
Po-207(n,2p)Pb-206	TALYS-6a	0		100
Po-207(n,pa)Tl-203	TALYS-6a	0		100
+Po-207(n,pd)Pb-205g	TALYS-6a	0	[4,8]	38
+Po-207(n,pd)Pb-205m	TALYS-6a	0	[4,7,8,8]	37
Po-207(n,pt)Pb-204g	TALYS-6a	0	[4,8]	36
Po-207(n,pt)Pb-204m	TALYS-6a	0	[4,7,8,8]	35
Po-207(n,da)Tl-202	TALYS-6a	0		100
Po-207(n,5n)Po-203g	TALYS-6a	0		15
Po-207(n,5n)Po-203m	TALYS-6a	0		15
Po-207(n,6n)Po-202	TALYS-6a	0		12
Po-207(n,2nt)Bi-203g	TALYS-6a	0		25
Po-207(n,2nt)Bi-203m	TALYS-6a	0		23
Po-207(n,ta)Tl-201	TALYS-6a	0		100
Po-207(n,4np)Bi-203g	TALYS-6a	0		18
Po-207(n,4np)Bi-203m	TALYS-6a	0		16
Po-207(n,3nd)Bi-203g	TALYS-6a	0		19
Po-207(n,3nd)Bi-203m	TALYS-6a	0		18
Po-207(n,n'da)Tl-201	TALYS-6a	0	[8]	30
Po-207(n,2npa)Tl-201	TALYS-6a	0	[8]	29
Po-207(n,5np)Bi-202	TALYS-6a	0		13
Po-207(n,6np)Bi-201g	TALYS-6a	0		9
Po-207(n,6np)Bi-201m	TALYS-6a	0		8
Po-207(n,4na)Pb-200	TALYS-6a	0	[8]	23
Po-207(n,5na)Pb-199g	TALYS-6a	0	[4,8]	15
Po-207(n,5na)Pb-199m	TALYS-6a	0	[4,7,8,8]	14
Po-207(n,6na)Pb-198	TALYS-6a	0	[8]	11
Po-207(n,4nd)Bi-202	TALYS-6a	0	[8]	13
Po-207(n,5nd)Bi-201g	TALYS-6a	0		10
Po-207(n,5nd)Bi-201m	TALYS-6a	0		9
Po-207(n,3nt)Bi-202	TALYS-6a	0	[8]	16
Po-207(n,4nt)Bi-201g	TALYS-6a	0		12
Po-207(n,4nt)Bi-201m	TALYS-6a	0		12
Po-207(n,5nt)Bi-200g	TALYS-6a	0	[4]	8
Po-207(n,5nt)Bi-200m	TALYS-6a	0	[4,7,8]	7
+Po-207(n,5nt)Bi-200n	TALYS-6a	0	[4,7,8]	7
Po-207(n,2nh)Pb-203g	TALYS-6a	0	[4]	25
Po-207(n,2nh)Pb-203m	TALYS-6a	0	[4,7,8]	23
Po-207(n,2nh)Pb-203n	TALYS-6a	0	[4,7,8]	24
Po-207(n,3nh)Pb-202g	TALYS-6a	0	[4,8]	18
Po-207(n,3nh)Pb-202m	TALYS-6a	0	[4,7,8,8]	17
Po-207(n,4nh)Pb-201g	TALYS-6a	0		13
Po-207(n,4nh)Pb-201m	TALYS-6a	0		12
Po-207(n,3n2p)Pb-203g	TALYS-6a	0	[4]	18
Po-207(n,3n2p)Pb-203m	TALYS-6a	0	[4,7,8]	17
Po-207(n,3n2p)Pb-203n	TALYS-6a	0	[4,7,8]	17
Po-207(n,3n2a)Hg-197g	TALYS-6a	0		24
Po-207(n,3n2a)Hg-197m	TALYS-6a	0		24
Po-207(n,3npa)Tl-200	TALYS-6a	0	[8]	20
Po-207(n,n'pd)Pb-204g	TALYS-6a	0	[4,8]	28
Po-207(n,n'pd)Pb-204m	TALYS-6a	0	[4,7,8,8]	27
Po-207(n,n'pt)Pb-203g	TALYS-6a	0	[4]	25
Po-207(n,n'pt)Pb-203m	TALYS-6a	0	[4,7,8]	23
Po-207(n,n'pt)Pb-203n	TALYS-6a	0	[4,7,8]	24
Po-207(n,n'dt)Pb-202g	TALYS-6a	0	[4,8]	18
Po-207(n,n'dt)Pb-202m	TALYS-6a	0	[4,7,8,8]	17
Po-207(n,n'ta)Tl-200	TALYS-6a	0	[8]	27
Po-207(n,2n2p)Pb-204g	TALYS-6a	0	[4,8]	26
Po-207(n,2n2p)Pb-204m	TALYS-6a	0	[4,7,8,8]	25
Po-207(n,ha)Hg-201	TALYS-6a	0		100
Po-207(n,4n2p)Pb-202g	TALYS-6a	0	[4,8]	13
Po-207(n,4n2p)Pb-202m	TALYS-6a	0	[4,7,8,8]	12
Po-207(n,4n2a)Hg-196	TALYS-6a	0	[8]	17
Po-207(n,4npa)Tl-199	TALYS-6a	0	[8]	15
Po-207(n,3n2pa)Hg-199g	TALYS-6a	0		12
Po-207(n,3n2pa)Hg-199m	TALYS-6a	0		12
Po-207(n,5n2p)Pb-201g	TALYS-6a	0		9
Po-207(n,5n2p)Pb-201m	TALYS-6a	0		8
Po-208(n,2nd)Bi-205	TALYS-6a	0	[8]	27
Po-208(n,2n)Po-207g	TALYS-6a	0	[4]	45
Po-208(n,2n)Po-207m	TALYS-6a	0	[4,7,8]	41
Po-208(n,3n)Po-206	TALYS-6a	0		31
Po-208(n,n'a)Pb-204g	TALYS-6a	0	[4]	100
Po-208(n,n'a)Pb-204m	TALYS-6a	0	[7,4,7]	100
Po-208(n,2na)Pb-203g	TALYS-6a	0	[4]	44
Po-208(n,2na)Pb-203m	TALYS-6a	0	[4,7,8]	42
Po-208(n,2na)Pb-203n	TALYS-6a	0	[4,7,8]	43
Po-208(n,3na)Pb-202g	TALYS-6a	0	[4,8]	31
Po-208(n,3na)Pb-202m	TALYS-6a	0	[4,7,8,8]	30
Po-208(n,n'p)Bi-207	TALYS-6a	0	[8]	55
Po-208(n,n'2a)Hg-200	TALYS-6a	0	[10]	100
Po-208(n,2n2a)Hg-199g	TALYS-6a	0		31
Po-208(n,2n2a)Hg-199m	TALYS-6a	0		31
Po-208(n,n'd)Bi-206	TALYS-6a	0	[8]	36
Po-208(n,n't)Bi-205	TALYS-6a	0	[8]	33
+Po-208(n,n'h)Pb-205g	TALYS-6a	0	[4,8]	31
+Po-208(n,n'h)Pb-205m	TALYS-6a	0	[4,7,8,8]	30
Po-208(n,4n)Po-205	TALYS-6a	0		22
Po-208(n,2np)Bi-206	TALYS-6a	0	[8]	33
Po-208(n,3np)Bi-205	TALYS-6a	0	[8]	25
Po-208(n,n'2p)Pb-206	TALYS-6a	0	[8]	35
Po-208(n,n'pa)Tl-203	TALYS-6a	0	[8]	40

Reaction	Library			
>Po-208(n,g)Po-209	TALYS-6a	0		100
Po-208(n,p)Bi-208g	TALYS-6a	0	[4,2]	100
Po-208(n,p)Bi-208m	TALYS-6a	0	[7,4,7,2]	100
Po-208(n,d)Bi-207	TALYS-6a	0	[8]	63
Po-208(n,t)Bi-206	TALYS-6a	0	[8]	51
Po-208(n,h)Pb-206	TALYS-6a	0	[8]	53
+Po-208(n,a)Pb-205g	TALYS-6a	0	[4]	100
+Po-208(n,a)Pb-205m	TALYS-6a	0	[7,4,7]	100
Po-208(n,2a)Hg-201	TALYS-6a	0	[10]	100
Po-208(n,2p)Pb-207g	TALYS-6a	0		56
Po-208(n,2p)Pb-207m	TALYS-6a	0		45
Po-208(n,pa)Tl-204	TALYS-6a	0	[10]	100
Po-208(n,pd)Pb-206	TALYS-6a	0	[8]	38
+Po-208(n,pt)Pb-205g	TALYS-6a	0	[4,8]	33
+Po-208(n,pt)Pb-205m	TALYS-6a	0	[4,7,8,8]	32
Po-208(n,da)Tl-203	TALYS-6a	0	[10]	100
Po-208(n,5n)Po-204	TALYS-6a	0		16
Po-208(n,6n)Po-203g	TALYS-6a	0		11
Po-208(n,6n)Po-203m	TALYS-6a	0		11
Po-208(n,2nt)Bi-204	TALYS-6a	0	[8,7,8]	23
Po-208(n,ta)Tl-202	TALYS-6a	0	[8]	37
Po-208(n,4np)Bi-204	TALYS-6a	0	[8,7,8]	16
Po-208(n,3nd)Bi-204	TALYS-6a	0	[8,7,8]	18
Po-208(n,n'da)Tl-202	TALYS-6a	0	[8]	28
Po-208(n,2npa)Tl-202	TALYS-6a	0	[8]	27
Po-208(n,7n)Po-202	TALYS-6a	0		7
Po-208(n,5np)Bi-203g	TALYS-6a	0		13
Po-208(n,5np)Bi-203m	TALYS-6a	0		12
Po-208(n,6np)Bi-202	TALYS-6a	0	[8]	8
Po-208(n,4na)Pb-201g	TALYS-6a	0		22
Po-208(n,4na)Pb-201m	TALYS-6a	0		21
Po-208(n,5na)Pb-200	TALYS-6a	0	[8]	15
Po-208(n,6na)Pb-199g	TALYS-6a	0	[4,8]	11
Po-208(n,6na)Pb-199m	TALYS-6a	0	[4,7,8,8]	10
Po-208(n,4nd)Bi-203g	TALYS-6a	0		13
Po-208(n,4nd)Bi-203m	TALYS-6a	0		13
Po-208(n,5nd)Bi-202	TALYS-6a	0	[8]	9
Po-208(n,3nt)Bi-203g	TALYS-6a	0		16
Po-208(n,3nt)Bi-203m	TALYS-6a	0		16
Po-208(n,4nt)Bi-202	TALYS-6a	0	[8]	12
Po-208(n,5nt)Bi-201g	TALYS-6a	0		8
Po-208(n,5nt)Bi-201m	TALYS-6a	0		7
Po-208(n,2nh)Pb-204g	TALYS-6a	0	[4,8]	25
Po-208(n,2nh)Pb-204m	TALYS-6a	0	[4,7,8,8]	24
Po-208(n,3nh)Pb-203g	TALYS-6a	0	[4]	16
Po-208(n,3nh)Pb-203m	TALYS-6a	0	[4,7,8]	15
Po-208(n,3nh)Pb-203n	TALYS-6a	0	[4,7,8]	15
Po-208(n,4nh)Pb-202g	TALYS-6a	0	[4,8]	13
Po-208(n,4nh)Pb-202m	TALYS-6a	0	[4,7,8,8]	12
Po-208(n,3n2p)Pb-204g	TALYS-6a	0	[4,8]	18
Po-208(n,3n2p)Pb-204m	TALYS-6a	0	[4,7,8,8]	17
Po-208(n,3n2a)Hg-198	TALYS-6a	0	[8]	24
Po-208(n,3npa)Tl-201	TALYS-6a	0	[8]	20
+Po-208(n,n'pd)Pb-205g	TALYS-6a	0	[4,8]	26
+Po-208(n,n'pd)Pb-205m	TALYS-6a	0	[4,7,8,8]	25
Po-208(n,n'pt)Pb-204g	TALYS-6a	0	[4,8]	25
Po-208(n,n'pt)Pb-204m	TALYS-6a	0	[4,7,8,8]	24
Po-208(n,n'ta)Tl-201	TALYS-6a	0	[8]	27
+Po-208(n,2n2p)Pb-205g	TALYS-6a	0	[4,8]	25
+Po-208(n,2n2p)Pb-205m	TALYS-6a	0	[4,7,8,8]	24
Po-208(n,ha)Hg-202	TALYS-6a	0	[10]	100
Po-208(n,4n2p)Pb-203g	TALYS-6a	0	[4]	13
Po-208(n,4n2p)Pb-203m	TALYS-6a	0	[4,7,8]	11
Po-208(n,4n2p)Pb-203n	TALYS-6a	0	[4,7,8]	12
Po-208(n,4n2a)Hg-197g	TALYS-6a	0		16
Po-208(n,4n2a)Hg-197m	TALYS-6a	0		16
Po-208(n,4npa)Tl-200	TALYS-6a	0	[8]	14
Po-208(n,5n2p)Pb-202g	TALYS-6a	0	[4,8]	9
Po-208(n,5n2p)Pb-202m	TALYS-6a	0	[4,7,8,8]	8
Po-209(n,2nd)Bi-206	TALYS-6a	0	[8]	27
Po-209(n,2n)Po-208	TALYS-6a	0		50
Po-209(n,3n)Po-207g	TALYS-6a	0	[4]	31
Po-209(n,3n)Po-207m	TALYS-6a	0	[4,7,8]	29
+Po-209(n,n'a)Pb-205g	TALYS-6a	0	[4]	100
+Po-209(n,n'a)Pb-205m	TALYS-6a	0	[7,4,7]	100
Po-209(n,2na)Pb-204g	TALYS-6a	0	[4,8]	49
Po-209(n,2na)Pb-204m	TALYS-6a	0	[4,7,8,8]	48
Po-209(n,3na)Pb-203g	TALYS-6a	0	[4]	31
Po-209(n,3na)Pb-203m	TALYS-6a	0	[4,7,8]	29
Po-209(n,3na)Pb-203n	TALYS-6a	0	[4,7,8]	30
Po-209(n,n'p)Bi-208g	TALYS-6a	0	[4,8]	55
Po-209(n,n'p)Bi-208m	TALYS-6a	0	[4,7,8,8]	52
Po-209(n,n'2a)Hg-201	TALYS-6a	0	[10]	100
Po-209(n,2n2a)Hg-200	TALYS-6a	0	[10]	100
Po-209(n,n'd)Bi-207	TALYS-6a	0	[8]	38
Po-209(n,n't)Bi-206	TALYS-6a	0	[8]	33
Po-209(n,n'h)Pb-206	TALYS-6a	0	[8]	33
Po-209(n,4n)Po-206	TALYS-6a	0		24
Po-209(n,2np)Bi-207	TALYS-6a	0	[8]	35
Po-209(n,3np)Bi-206	TALYS-6a	0	[8]	25
Po-209(n,n'2p)Pb-207g	TALYS-6a	0		34
Po-209(n,n'2p)Pb-207m	TALYS-6a	0		31
Po-209(n,n'pa)Tl-204	TALYS-6a	0	[8]	39
>Po-209(n,g)Po-210	TALYS-6a	0		100
Po-209(n,p)Bi-209	TALYS-6a	0	[2]	100
Po-209(n,d)Bi-208g	TALYS-6a	0	[4,8]	63
Po-209(n,d)Bi-208m	TALYS-6a	0	[4,7,8,8]	62
Po-209(n,t)Bi-207	TALYS-6a	0	[8]	57
Po-209(n,h)Pb-207g	TALYS-6a	0		51
Po-209(n,h)Pb-207m	TALYS-6a	0		45
Po-209(n,a)Pb-206	TALYS-6a	0	[2]	100
Po-209(n,2a)Hg-202	TALYS-6a	0	[10]	100
Po-209(n,2p)Pb-208	TALYS-6a	0	[8]	57
Po-209(n,pa)Tl-205	TALYS-6a	0	[10]	100
Po-209(n,pd)Pb-207g	TALYS-6a	0		37
Po-209(n,pd)Pb-207m	TALYS-6a	0		32
Po-209(n,pt)Pb-206	TALYS-6a	0	[8]	35
Po-209(n,da)Tl-204	TALYS-6a	0	[10]	100
Po-209(n,5n)Po-205	TALYS-6a	0		16
Po-209(n,6n)Po-204	TALYS-6a	0		12
Po-209(n,2nt)Bi-205	TALYS-6a	0	[8]	25
Po-209(n,ta)Tl-203	TALYS-6a	0	[10]	100
Po-209(n,4np)Bi-205	TALYS-6a	0	[8]	18
Po-209(n,3nd)Bi-205	TALYS-6a	0	[8]	19
Po-209(n,n'da)Tl-203	TALYS-6a	0	[8]	29
Po-209(n,2npa)Tl-203	TALYS-6a	0	[8]	28
Po-209(n,7n)Po-203g	TALYS-6a	0		8
Po-209(n,7n)Po-203m	TALYS-6a	0		7
Po-209(n,5np)Bi-204	TALYS-6a	0	[8,7,8]	13
Po-209(n,6np)Bi-203g	TALYS-6a	0		9
Po-209(n,6np)Bi-203m	TALYS-6a	0		8
Po-209(n,4na)Pb-202g	TALYS-6a	0	[4,8]	24
Po-209(n,4na)Pb-202m	TALYS-6a	0	[4,7,8,8]	23
Po-209(n,5na)Pb-201g	TALYS-6a	0		16
Po-209(n,5na)Pb-201m	TALYS-6a	0		15
Po-209(n,6na)Pb-200	TALYS-6a	0	[8]	12
Po-209(n,7na)Pb-199g	TALYS-6a	0	[4,8]	7
Po-209(n,7na)Pb-199m	TALYS-6a	0	[4,7,8,8]	6
Po-209(n,4nd)Bi-204	TALYS-6a	0	[8,7,8]	14
Po-209(n,5nd)Bi-203g	TALYS-6a	0		10
Po-209(n,5nd)Bi-203m	TALYS-6a	0		9
Po-209(n,3nt)Bi-204	TALYS-6a	0	[8,7,8]	16
Po-209(n,4nt)Bi-203g	TALYS-6a	0		13
Po-209(n,4nt)Bi-203m	TALYS-6a	0		12
Po-209(n,5nt)Bi-202	TALYS-6a	0	[8]	8
+Po-209(n,2nh)Pb-205g	TALYS-6a	0	[4,8]	25
+Po-209(n,2nh)Pb-205m	TALYS-6a	0	[4,7,8,8]	24
Po-209(n,3nh)Pb-204g	TALYS-6a	0	[4,8]	17
Po-209(n,3nh)Pb-204m	TALYS-6a	0	[4,7,8,8]	16
Po-209(n,4nh)Pb-203g	TALYS-6a	0	[4]	13
Po-209(n,4nh)Pb-203m	TALYS-6a	0	[4,7,8]	11
Po-209(n,4nh)Pb-203n	TALYS-6a	0	[4,7,8]	12
+Po-209(n,3n2p)Pb-205g	TALYS-6a	0	[4,8]	17
+Po-209(n,3n2p)Pb-205m	TALYS-6a	0	[4,7,8,8]	16
Po-209(n,3n2a)Hg-199g	TALYS-6a	0		24
Po-209(n,3n2a)Hg-199m	TALYS-6a	0		23
Po-209(n,3npa)Tl-202	TALYS-6a	0	[8]	20
Po-209(n,n'pd)Pb-206	TALYS-6a	0	[8]	27
+Po-209(n,n'pt)Pb-205g	TALYS-6a	0	[4,8]	25
+Po-209(n,n'pt)Pb-205m	TALYS-6a	0	[4,7,8,8]	24
Po-209(n,n'dt)Pb-204g	TALYS-6a	0	[4,8]	17
Po-209(n,n'dt)Pb-204m	TALYS-6a	0	[4,7,8,8]	16
Po-209(n,n'ta)Tl-202	TALYS-6a	0	[8]	27
Po-209(n,2n2p)Pb-206	TALYS-6a	0	[8]	26
Po-209(n,ha)Hg-203	TALYS-6a	0	[8]	28
Po-209(n,4n2p)Pb-204g	TALYS-6a	0	[4,8]	13
Po-209(n,4n2p)Pb-204m	TALYS-6a	0	[4,7,8,8]	12
Po-209(n,4n2a)Hg-198	TALYS-6a	0	[8]	16
Po-209(n,4npa)Tl-201	TALYS-6a	0	[8]	14
Po-210(n,2nd)Bi-207	TALYS-6a	0	[8]	27
Po-210(n,2n)Po-209	TALYS-6a	0		47
Po-210(n,3n)Po-208	TALYS-6a	0		32
Po-210(n,n'a)Pb-206	TALYS-6a	0		100
+Po-210(n,2na)Pb-205g	TALYS-6a	0	[4,8]	45
+Po-210(n,2na)Pb-205m	TALYS-6a	0	[4,7,8,8]	44
Po-210(n,3na)Pb-204g	TALYS-6a	0	[4,8]	31
Po-210(n,3na)Pb-204m	TALYS-6a	0	[4,7,8,8]	30
Po-210(n,n'p)Bi-209	TALYS-6a	0	[8]	54
Po-210(n,n'2a)Hg-202	TALYS-6a	0		100
Po-210(n,2n2a)Hg-201	TALYS-6a	0	[8]	30
Po-210(n,n'd)Bi-208g	TALYS-6a	0	[4,8]	36
Po-210(n,n'd)Bi-208m	TALYS-6a	0	[4,7,8,8]	35
Po-210(n,n't)Bi-207	TALYS-6a	0	[8]	34
Po-210(n,n'h)Pb-207g	TALYS-6a	0		31
Po-210(n,n'h)Pb-207m	TALYS-6a	0		30
Po-210(n,4n)Po-207g	TALYS-6a	0	[4]	23
Po-210(n,4n)Po-207m	TALYS-6a	0	[4,7,8]	21
Po-210(n,2np)Bi-208g	TALYS-6a	0	[4,8]	34
Po-210(n,2np)Bi-208m	TALYS-6a	0	[4,7,8,8]	31
Po-210(n,3np)Bi-207	TALYS-6a	0	[8]	25
Po-210(n,n'2p)Pb-208	TALYS-6a	0	[8]	33
Po-210(n,n'pa)Tl-205	TALYS-6a	0	[8]	41
>Po-210(n,g)Po-211g	TALYS-6a	2	[4,6]	100
>Po-210(n,g)Po-211m	TALYS-6a	0	[7,4,6]	100
Po-210(n,p)Bi-210g	TALYS-6a	0	[2]	77
Po-210(n,p)Bi-210m	TALYS-6a	0	[2]	75
Po-210(n,d)Bi-209	TALYS-6a	0	[8]	62
Po-210(n,t)Bi-208g	TALYS-6a	0	[4,8]	53
Po-210(n,t)Bi-208m	TALYS-6a	0	[4,7,8,8]	52
Po-210(n,h)Pb-208	TALYS-6a	0	[8]	50
>Po-210(n,a)Pb-207g	TALYS-6a	0	[2,3]	100
Po-210(n,a)Pb-207m	TALYS-6a	0	[2]	100
Po-210(n,2a)Hg-203	TALYS-6a	0		100
Po-210(n,2p)Pb-209	TALYS-6a	0	[8]	41
Po-210(n,pa)Tl-206g	TALYS-6a	0	[4]	100
Po-210(n,pa)Tl-206m	TALYS-6a	0	[7,4,7]	100
Po-210(n,pd)Pb-208	TALYS-6a	0	[8]	36
Po-210(n,da)Tl-205	TALYS-6a	0		100
Po-210(n,5n)Po-206	TALYS-6a	0		16
Po-210(n,6n)Po-205	TALYS-6a	0		12
Po-210(n,2nt)Bi-206	TALYS-6a	0	[8]	24
Po-210(n,ta)Tl-204	TALYS-6a	0	[8]	36
Po-210(n,4np)Bi-206	TALYS-6a	0	[8]	17
Po-210(n,3nd)Bi-206	TALYS-6a	0	[8]	19
Po-210(n,n'da)Tl-204	TALYS-6a	0	[8]	28
Po-210(n,2npa)Tl-204	TALYS-6a	0	[8]	27
Po-210(n,7n)Po-204	TALYS-6a	0		8
Po-210(n,5np)Bi-205	TALYS-6a	0	[8]	13
Po-210(n,6np)Bi-204	TALYS-6a	0	[8,7,8]	9
Po-210(n,4na)Pb-203g	TALYS-6a	0	[4]	23
Po-210(n,4na)Pb-203m	TALYS-6a	0	[4,7,8]	21
Po-210(n,4na)Pb-203n	TALYS-6a	0	[4,7,8]	22
Po-210(n,5na)Pb-202g	TALYS-6a	0	[4,8]	16
Po-210(n,5na)Pb-202m	TALYS-6a	0	[4,7,8,8]	15
Po-210(n,6na)Pb-201g	TALYS-6a	0		12
Po-210(n,6na)Pb-201m	TALYS-6a	0		12
Po-210(n,7na)Pb-200	TALYS-6a	0	[8]	8
Po-210(n,4nd)Bi-205	TALYS-6a	0	[8]	14

Reaction	Library		Refs	Value
Po-210(n,5nd)Bi-204	TALYS-6a	0	[8,7,8]	10
Po-210(n,6nd)Bi-203g	TALYS-6a	0		6
Po-210(n,6nd)Bi-203m	TALYS-6a	0		5
Po-210(n,3nt)Bi-205	TALYS-6a	0	[8]	17
Po-210(n,4nt)Bi-204	TALYS-6a	0	[8,7,8]	12
Po-210(n,5nt)Bi-203g	TALYS-6a	0		9
Po-210(n,5nt)Bi-203m	TALYS-6a	0		8
Po-210(n,2nh)Pb-206	TALYS-6a	0	[8]	25
+Po-210(n,3nh)Pb-205g	TALYS-6a	0	[4,8]	17
+Po-210(n,3nh)Pb-205m	TALYS-6a	0	[4,7,8,8]	16
Po-210(n,4nh)Pb-204g	TALYS-6a	0	[4,8]	13
Po-210(n,4nh)Pb-204m	TALYS-6a	0	[4,7,8,8]	12
Po-210(n,3n2p)Pb-206	TALYS-6a	0	[8]	17
Po-210(n,3n2a)Hg-200	TALYS-6a	0	[8]	23
Po-210(n,3npa)Tl-203	TALYS-6a	0	[8]	19
Po-210(n,n'pd)Pb-207g	TALYS-6a	0		26
Po-210(n,n'pd)Pb-207m	TALYS-6a	0		24
Po-210(n,n'pt)Pb-206	TALYS-6a	0	[8]	25
Po-210(n,n'ta)Tl-203	TALYS-6a	0	[8]	27
Po-210(n,2n2p)Pb-207g	TALYS-6a	0		25
Po-210(n,2n2p)Pb-207m	TALYS-6a	0		23
+Po-210(n,4n2p)Pb-205g	TALYS-6a	0	[4,8]	13
+Po-210(n,4n2p)Pb-205m	TALYS-6a	0	[4,7,8,8]	12
Po-210(n,4n2a)Hg-199g	TALYS-6a	0		15
Po-210(n,4n2a)Hg-199m	TALYS-6a	0		15
Po-210(n,4npa)Tl-202	TALYS-6a	0	[8]	14
At-210(n,2nd)Po-207g	TALYS-6a	0	[4,8]	28
At-210(n,2nd)Po-207m	TALYS-6a	0	[4,7,8,8]	27
At-210(n,2n)At-209	TALYS-6a	0	[8]	49
At-210(n,3n)At-208	TALYS-6a	0		31
At-210(n,n'a)Bi-206	TALYS-6a	0		100
At-210(n,2na)Bi-205	TALYS-6a	0	[8]	49
At-210(n,3na)Bi-204	TALYS-6a	0	[8,7,8]	31
At-210(n,n'p)Po-209	TALYS-6a	0	[8]	64
At-210(n,n'2a)Tl-202	TALYS-6a	0		100
At-210(n,2n2a)Tl-201	TALYS-6a	0		100
At-210(n,n'd)Po-208	TALYS-6a	0	[8]	41
At-210(n,n't)Po-207g	TALYS-6a	0	[4,8]	36
At-210(n,n't)Po-207m	TALYS-6a	0	[4,7,8,8]	35
At-210(n,n'h)Bi-207	TALYS-6a	0	[8]	34
At-210(n,4n)At-207	TALYS-6a	0		23
At-210(n,2np)Po-208	TALYS-6a	0	[8]	39
At-210(n,3np)Po-207g	TALYS-6a	0	[4,8]	27
At-210(n,3np)Po-207m	TALYS-6a	0	[4,7,8,8]	25
At-210(n,n'2p)Bi-208g	TALYS-6a	0	[4,8]	36
At-210(n,n'2p)Bi-208m	TALYS-6a	0	[4,7,8,8]	35
At-210(n,n'pa)Pb-205g	TALYS-6a	0	[4]	100
At-210(n,n'pa)Pb-205m	TALYS-6a	0	[7,4,7]	100
At-210(n,g)At-211	TALYS-6a	0	[14]	100
At-210(n,p)Po-210	TALYS-6a	0	[2]	100
At-210(n,d)Po-209	TALYS-6a	0	[8]	72
At-210(n,t)Po-208	TALYS-6a	0	[8]	65
At-210(n,h)Bi-208g	TALYS-6a	0	[4]	100
At-210(n,h)Bi-208m	TALYS-6a	0	[4,7,8,10]	77
At-210(n,a)Bi-207	TALYS-6a	0	[2]	100
At-210(n,2a)Tl-203	TALYS-6a	0		100
At-210(n,2p)Bi-209	TALYS-6a	0	[8]	62
At-210(n,pa)Pb-206	TALYS-6a	0		100
At-210(n,pd)Bi-208g	TALYS-6a	0	[4,8]	38
At-210(n,pd)Bi-208m	TALYS-6a	0	[4,7,8,8]	37
At-210(n,pt)Bi-207	TALYS-6a	0	[8]	36
At-210(n,da)Pb-205g	TALYS-6a	0	[4]	100
At-210(n,da)Pb-205m	TALYS-6a	0	[7,4,7]	100
At-210(n,5n)At-206	TALYS-6a	0		16
At-210(n,6n)At-205	TALYS-6a	0		12
At-210(n,2nt)Po-206	TALYS-6a	0	[8]	26
At-210(n,ta)Pb-204g	TALYS-6a	0	[4]	100
At-210(n,ta)Pb-204m	TALYS-6a	0	[7,4,7]	100
At-210(n,4np)Po-206	TALYS-6a	0	[8]	19
At-210(n,3nd)Po-206	TALYS-6a	0	[8]	21
At-210(n,n'da)Pb-204g	TALYS-6a	0	[4,8]	38
At-210(n,n'da)Pb-204m	TALYS-6a	0	[4,7,8,8]	37
At-210(n,2npa)Pb-204g	TALYS-6a	0	[4,8]	35
At-210(n,2npa)Pb-204m	TALYS-6a	0	[4,7,8,8]	34
At-210(n,5np)Po-205	TALYS-6a	0		14
At-210(n,6np)Po-204	TALYS-6a	0	[8]	10
At-210(n,4na)Bi-203g	TALYS-6a	0		23
At-210(n,4na)Bi-203m	TALYS-6a	0		22
At-210(n,5na)Bi-202	TALYS-6a	0	[8]	15
At-210(n,6na)Bi-201g	TALYS-6a	0		12
At-210(n,6na)Bi-201m	TALYS-6a	0		11
At-210(n,4nd)Po-205	TALYS-6a	0	[8]	15
At-210(n,5nd)Po-204	TALYS-6a	0	[8]	10
At-210(n,3nt)Po-205	TALYS-6a	0	[8]	17
At-210(n,4nt)Po-204	TALYS-6a	0	[8]	13
At-210(n,5nt)Po-203g	TALYS-6a	0		9
At-210(n,5nt)Po-203m	TALYS-6a	0		8
At-210(n,2nh)Bi-206	TALYS-6a	0	[8]	25
At-210(n,3nh)Bi-205	TALYS-6a	0	[8]	18
At-210(n,4nh)Bi-204	TALYS-6a	0	[8,7,8]	13
At-210(n,3n2p)Bi-206	TALYS-6a	0	[8]	18
At-210(n,3n2a)Tl-200	TALYS-6a	0	[8]	26
At-210(n,3npa)Pb-203g	TALYS-6a	0	[4]	25
At-210(n,3npa)Pb-203m	TALYS-6a	0	[4,7,8]	23
At-210(n,3npa)Pb-203n	TALYS-6a	0	[4,7,8]	24
At-210(n,n'pd)Bi-207	TALYS-6a	0	[8]	28
At-210(n,n'pt)Bi-206	TALYS-6a	0	[8]	25
At-210(n,n'dt)Bi-205	TALYS-6a	0	[8]	18
At-210(n,n'ph)Pb-206	TALYS-6a	0	[8]	24
At-210(n,n'dh)Pb-205g	TALYS-6a	0	[4,8]	16
At-210(n,n'dh)Pb-205m	TALYS-6a	0	[4,7,8,8]	15
At-210(n,n'th)Pb-204g	TALYS-6a	0	[4,8]	15
At-210(n,n'th)Pb-204m	TALYS-6a	0	[4,7,8,8]	14
At-210(n,n'ta)Pb-203g	TALYS-6a	0	[4]	33
At-210(n,n'ta)Pb-203m	TALYS-6a	0	[4,7,8]	30
At-210(n,n'ta)Pb-203n	TALYS-6a	0	[4,7,8]	32
At-210(n,2n2p)Bi-207	TALYS-6a	0	[8]	27
At-210(n,ha)Tl-204	TALYS-6a	0		100
At-210(n,4n2p)Bi-205	TALYS-6a	0	[8]	14
At-210(n,4n2a)Tl-199	TALYS-6a	0	[8]	20
At-210(n,4npa)Pb-202g	TALYS-6a	0	[4,8]	17
At-210(n,4npa)Pb-202m	TALYS-6a	0	[4,7,8,8]	16
At-210(n,5n2p)Bi-204	TALYS-6a	0	[8,7,8]	9
At-211(n,2nd)Po-208	TALYS-6a	0	[8]	29
At-211(n,2n)At-210	TALYS-6a	0		47
At-211(n,3n)At-209	TALYS-6a	0		32
At-211(n,n'a)Bi-207	TALYS-6a	0		100
At-211(n,2na)Bi-206	TALYS-6a	0	[8]	45
At-211(n,3na)Bi-205	TALYS-6a	0	[8]	31
At-211(n,n'p)Po-210	TALYS-6a	0	[8]	64
At-211(n,n'2a)Tl-203	TALYS-6a	0		100
At-211(n,2n2a)Tl-202	TALYS-6a	0		100
At-211(n,n'd)Po-209	TALYS-6a	0	[8]	40
At-211(n,n't)Po-208	TALYS-6a	0	[8]	37
At-211(n,n'h)Bi-208g	TALYS-6a	0	[4,8]	32
At-211(n,n'h)Bi-208m	TALYS-6a	0	[4,7,8,8]	31
At-211(n,4n)At-208	TALYS-6a	0		23
At-211(n,2np)Po-209	TALYS-6a	0	[8]	37
At-211(n,3np)Po-208	TALYS-6a	0	[8]	27
At-211(n,n'2p)Bi-209	TALYS-6a	0	[8]	35
At-211(n,n'pa)Pb-206	TALYS-6a	0		100
At-211(n,g)At-212g	TALYS-6a	0	[14]	100
At-211(n,g)At-212m	TALYS-6a	0	[14]	100
At-211(n,p)Po-211g	TALYS-6a	0	[4,2]	100
At-211(n,p)Po-211m	TALYS-6a	0	[7,4,7,2]	100
At-211(n,d)Po-210	TALYS-6a	0	[8]	72
At-211(n,t)Po-209	TALYS-6a	0	[8]	62
At-211(n,h)Bi-209	TALYS-6a	0	[8]	54
At-211(n,a)Bi-208g	TALYS-6a	0	[4,2]	100
At-211(n,a)Bi-208m	TALYS-6a	0	[7,4,7,2]	100
At-211(n,2a)Tl-204	TALYS-6a	0		100
At-211(n,2p)Bi-210g	TALYS-6a	0		43
At-211(n,2p)Bi-210m	TALYS-6a	0		43
At-211(n,pa)Pb-207g	TALYS-6a	0		100
At-211(n,pa)Pb-207m	TALYS-6a	0		100
At-211(n,pd)Bi-209	TALYS-6a	0	[8]	38
At-211(n,pt)Bi-208g	TALYS-6a	0	[4,8]	34
At-211(n,pt)Bi-208m	TALYS-6a	0	[4,7,8,8]	33
At-211(n,da)Pb-206	TALYS-6a	0		100
At-211(n,5n)At-207	TALYS-6a	0		16
At-211(n,6n)At-206	TALYS-6a	0		12
At-211(n,2nt)Po-207g	TALYS-6a	0	[4,8]	26
At-211(n,2nt)Po-207m	TALYS-6a	0	[4,7,8,8]	25
At-211(n,ta)Pb-205g	TALYS-6a	0	[4]	100
At-211(n,ta)Pb-205m	TALYS-6a	0	[7,4,7]	100
At-211(n,4np)Po-207g	TALYS-6a	0	[4,8]	19
At-211(n,4np)Po-207m	TALYS-6a	0	[4,7,8,8]	17
At-211(n,3nd)Po-207g	TALYS-6a	0	[4,8]	20
At-211(n,3nd)Po-207m	TALYS-6a	0	[4,7,8,8]	19
At-211(n,n'da)Pb-205g	TALYS-6a	0	[4,8]	37
At-211(n,n'da)Pb-205m	TALYS-6a	0	[4,7,8,8]	36
At-211(n,2npa)Pb-205g	TALYS-6a	0	[4,8]	34
At-211(n,2npa)Pb-205m	TALYS-6a	0	[4,7,8,8]	33
At-211(n,7n)At-205	TALYS-6a	0		8
At-211(n,5np)Po-206	TALYS-6a	0	[8]	14
At-211(n,6np)Po-205	TALYS-6a	0	[8]	10
At-211(n,4na)Bi-204	TALYS-6a	0	[8,7,8]	23
At-211(n,5na)Bi-203g	TALYS-6a	0		16
At-211(n,5na)Bi-203m	TALYS-6a	0		15
At-211(n,6na)Bi-202	TALYS-6a	0	[8]	12
At-211(n,4nd)Po-206	TALYS-6a	0	[8]	15
At-211(n,5nd)Po-205	TALYS-6a	0	[8]	10
At-211(n,3nt)Po-206	TALYS-6a	0	[8]	18
At-211(n,4nt)Po-205	TALYS-6a	0	[8]	13
At-211(n,5nt)Po-204	TALYS-6a	0	[8]	9
At-211(n,2nh)Bi-207	TALYS-6a	0	[8]	25
At-211(n,3nh)Bi-206	TALYS-6a	0	[8]	17
At-211(n,4nh)Bi-205	TALYS-6a	0	[8]	13
At-211(n,3n2p)Bi-207	TALYS-6a	0	[8]	18
At-211(n,3n2a)Tl-201	TALYS-6a	0	[8]	26
At-211(n,3npa)Pb-204g	TALYS-6a	0	[4,8]	24
At-211(n,3npa)Pb-204m	TALYS-6a	0	[4,7,8,8]	23
At-211(n,n'pd)Bi-208g	TALYS-6a	0	[4,8]	27
At-211(n,n'pd)Bi-208m	TALYS-6a	0	[4,7,8,8]	26
At-211(n,n'pt)Bi-207	TALYS-6a	0	[8]	26
At-211(n,n'dt)Bi-206	TALYS-6a	0	[8]	18
At-211(n,n'ph)Pb-207g	TALYS-6a	0		22
At-211(n,n'ph)Pb-207m	TALYS-6a	0		20
At-211(n,n'dh)Pb-206	TALYS-6a	0	[8]	15
At-211(n,n'ta)Pb-204g	TALYS-6a	0	[4,8]	32
At-211(n,n'ta)Pb-204m	TALYS-6a	0	[4,7,8,8]	31
At-211(n,2n2p)Bi-208g	TALYS-6a	0	[4,8]	25
At-211(n,2n2p)Bi-208m	TALYS-6a	0	[4,7,8,8]	24
At-211(n,4n2p)Bi-206	TALYS-6a	0	[8]	13
At-211(n,4n2a)Tl-200	TALYS-6a	0	[8]	17
At-211(n,4npa)Pb-203g	TALYS-6a	0	[4]	17
At-211(n,4npa)Pb-203m	TALYS-6a	0	[4,7,8]	16
At-211(n,4npa)Pb-203n	TALYS-6a	0	[4,7,8]	16
At-211(n,5n2p)Bi-205	TALYS-6a	0	[8]	9
Rn-211(n,2nd)At-208	TALYS-6a	0	[8,7,8]	27
Rn-211(n,2n)Rn-210	TALYS-5	0		49
Rn-211(n,3n)Rn-209	TALYS-5	0		30
Rn-211(n,f)	ESTIMATE	0	[13,12,3,8,10,7]	16
Rn-211(n,n'a)Po-207g	TALYS-6a	0	[4,10]	100
Rn-211(n,n'a)Po-207m	TALYS-6a	0	[7,4,7,10]	100
Rn-211(n,n'3a)Hg-199g	TALYS-6a	0		100
Rn-211(n,n'3a)Hg-199m	TALYS-6a	0		100
Rn-211(n,2na)Po-206	TALYS-6a	0	[8]	50
Rn-211(n,3na)Po-205	TALYS-6a	0	[8]	31
Rn-211(n,n'p)At-210	TALYS-6a	0	[8]	58
Rn-211(n,n'2a)Pb-203g	TALYS-6a	0	[4]	100
Rn-211(n,n'2a)Pb-203m	TALYS-6a	0	[4,7]	100
Rn-211(n,n'2a)Pb-203n	TALYS-6a	0	[7,4,7]	100
Rn-211(n,2n2a)Pb-202g	TALYS-6a	0	[4]	100
Rn-211(n,2n2a)Pb-202m	TALYS-6a	0	[7,4,7]	100
Rn-211(n,n'd)At-209	TALYS-6a	0	[8]	39
Rn-211(n,n't)At-208	TALYS-6a	0	[8,7,8]	33
Rn-211(n,n'h)Po-208	TALYS-6a	0	[8]	36

Reaction	Library		Refs	Value
Rn-211(n,n't2a)Tl-200	TALYS-6a	0	[8]	21
Rn-211(n,4n)Rn-208	TALYS-6a	0		23
Rn-211(n,2np)At-209	TALYS-6a	0	[8]	36
Rn-211(n,3np)At-208	TALYS-6a	0	[8,7,8]	25
Rn-211(n,n'2p)Po-209	TALYS-6a	0	[8]	38
Rn-211(n,n'pa)Bi-206	TALYS-6a	0		100
Rn-211(n,g)Rn-212	NGAMMA	0	[14,13]	76
Rn-211(n,p)At-211	TALYS-6a	0	[2]	100
Rn-211(n,d)At-210	TALYS-6a	0	[8]	66
Rn-211(n,t)At-209	TALYS-6a	0	[8]	59
Rn-211(n,h)Po-209	TALYS-6a	0		100
Rn-211(n,a)Po-208	TALYS-6a	0	[2,10,12]	76
Rn-211(n,2a)Pb-204g	TALYS-6a	0	[4,10]	100
Rn-211(n,2a)Pb-204m	TALYS-6a	0	[7,4,7,10]	100
Rn-211(n,2p)Po-210	TALYS-6a	0		100
Rn-211(n,pa)Bi-207	TALYS-6a	0		100
Rn-211(n,pd)Po-209	TALYS-6a	0	[8]	40
Rn-211(n,pt)Po-208	TALYS-6a	0	[8]	37
Rn-211(n,da)Bi-206	TALYS-6a	0		100
Rn-211(n,2nt)At-207	TALYS-6a	0	[8]	25
Rn-211(n,ta)Bi-205	TALYS-6a	0		100
Rn-211(n,4np)At-207	TALYS-6a	0	[8]	18
Rn-211(n,3nd)At-207	TALYS-6a	0	[8]	19
Rn-211(n,n'da)Bi-205	TALYS-6a	0	[8]	37
Rn-211(n,2npa)Bi-205	TALYS-6a	0	[8]	34
Rn-211(n,4na)Po-204	TALYS-6a	0	[8]	23
Rn-211(n,5na)Po-203g	TALYS-6a	0		15
Rn-211(n,5na)Po-203m	TALYS-6a	0		15
Rn-211(n,6na)Po-202	TALYS-6a	0	[8]	11
Rn-211(n,4nt)At-205	TALYS-6a	0	[8]	12
Rn-211(n,2nh)Po-207g	TALYS-6a	0	[4,8]	26
Rn-211(n,2nh)Po-207m	TALYS-6a	0	[4,7,8,8]	25
Rn-211(n,3nh)Po-206	TALYS-6a	0	[8]	18
Rn-211(n,4nh)Po-205	TALYS-6a	0	[8]	13
Rn-211(n,3n2p)Po-207g	TALYS-6a	0	[4,8]	18
Rn-211(n,3n2p)Po-207m	TALYS-6a	0	[4,7,8,8]	17
Rn-211(n,3n2a)Pb-201g	TALYS-6a	0		30
Rn-211(n,3n2a)Pb-201m	TALYS-6a	0		28
Rn-211(n,3npa)Bi-204	TALYS-6a	0	[8,7,8]	25
Rn-211(n,n'pd)Po-208	TALYS-6a	0	[8]	28
Rn-211(n,n'pt)Po-207g	TALYS-6a	0	[4,8]	26
Rn-211(n,n'pt)Po-207m	TALYS-6a	0	[4,7,8,8]	25
Rn-211(n,n'dt)Po-206	TALYS-6a	0	[8]	18
Rn-211(n,n'ta)Bi-204	TALYS-6a	0	[8,7,8]	32
Rn-211(n,2n2p)Po-208	TALYS-6a	0	[8]	27
+Rn-211(n,ha)Pb-205g	TALYS-6a	0	[4]	100
+Rn-211(n,ha)Pb-205m	TALYS-6a	0	[7,4,7]	100
Rn-211(n,4n2p)Po-206	TALYS-6a	0	[8]	14
Rn-211(n,4n2a)Pb-200	TALYS-6a	0	[8]	21
Rn-211(n,4npa)Bi-203g	TALYS-6a	0		16
Rn-211(n,4npa)Bi-203m	TALYS-6a	0		15
Rn-211(n,3n2pa)Pb-203g	TALYS-6a	0	[4]	16
Rn-211(n,3n2pa)Pb-203m	TALYS-6a	0	[4,7,8]	14
Rn-211(n,3n2pa)Pb-203n	TALYS-6a	0	[4,7,8]	15
Rn-222(n,2nd)At-219	TALYS-6a	0	[8]	29
Rn-222(n,2n)Rn-221	TALYS-5	0	[7,8]	54
Rn-222(n,3n)Rn-220	TALYS-5	0		41
>Rn-222(n,f)	ESTIMATE	0	[7,11,15,12,3]	32
Rn-222(n,n'a)Po-218	TALYS-6a	0		100
Rn-222(n,2na)Po-217	TALYS-6a	0	[7,8,10]	42
Rn-222(n,3na)Po-216	TALYS-6a	0	[8]	41
Rn-222(n,n'p)At-221	TALYS-6a	0	[8,7,8]	42
Rn-222(n,n'2a)Pb-214	TALYS-6a	0		100
Rn-222(n,2n2a)Pb-213	TALYS-6a	0		100
Rn-222(n,n'd)At-220	TALYS-6a	0	[8]	34
Rn-222(n,n't)At-219	TALYS-6a	0	[8]	36
Rn-222(n,n'h)Po-219	TALYS-6a	0	[8,7,8]	28
Rn-222(n,2np)At-220	TALYS-6a	0	[8]	32
Rn-222(n,3np)At-219	TALYS-6a	0	[8]	27
>Rn-222(n,g)Rn-223	TALYS-6a	2	[14,7]	100
Rn-222(n,p)At-222	TALYS-6a	0	[2,8,7,8]	58
Rn-222(n,d)At-221	TALYS-6a	0	[8,7,8]	45
Rn-222(n,t)At-220	TALYS-6a	0	[8]	46
Rn-222(n,a)Po-219	TALYS-6a	0	[7,2]	100
Rn-222(n,4na)Po-215	TALYS-6a	0	[8]	31
Rn-222(n,5na)Po-214	TALYS-6a	0	[8]	26
Rn-222(n,6na)Po-213	TALYS-6a	0	[8]	20
Rn-222(n,7na)Po-212g	TALYS-6a	0	[4,8]	16
Rn-222(n,7na)Po-212m	TALYS-6a	0	[4,7,8,8]	15
Rn-222(n,2nh)Po-218	TALYS-6a	0		25
Rn-222(n,3nh)Po-217	TALYS-6a	0	[8,7,8]	19
Rn-222(n,4nh)Po-216	TALYS-6a	0	[8]	16
Rn-222(n,3n2p)Po-218	TALYS-6a	0	[8]	16
Rn-222(n,3n2a)Pb-212	TALYS-6a	0		100
+Rn-222(n,3npa)Bi-215g	TALYS-6a	0		25
+Rn-222(n,3npa)Bi-215m	TALYS-6a	0		24
Rn-222(n,n'pd)Po-219	TALYS-6a	0	[8,7,8]	21
+Rn-222(n,n'ta)Bi-215g	TALYS-6a	0		35
+Rn-222(n,n'ta)Bi-215m	TALYS-6a	0		31
Rn-222(n,2n2p)Po-219	TALYS-6a	0	[8,7,8]	19
Rn-222(n,4n2p)Po-217	TALYS-6a	0	[8,7,8]	14
Rn-222(n,4n2a)Pb-211	TALYS-6a	0	[8]	30
Rn-222(n,4npa)Bi-214	TALYS-6a	0	[8]	20
Rn-222(n,3n2pa)Pb-214	TALYS-6a	0	[8]	15
Rn-222(n,5n2p)Po-216	TALYS-6a	0	[8]	12
Ra-223(n,2nd)Fr-220	TALYS-6a	0	[8]	28
Ra-223(n,2n)Ra-222	TALYS-5	0		60
Ra-223(n,3n)Ra-221	TALYS-5	0		38
Ra-223(n,f)	JENDL-3.3	1	[7,12]	1018
Ra-223(n,n'a)Rn-219	TALYS-6a	0		100
Ra-223(n,n'3a)Pb-211	TALYS-6a	0		100
Ra-223(n,2na)Rn-218	TALYS-6a	0		100
Ra-223(n,3na)Rn-217	TALYS-6a	0	[8]	40
Ra-223(n,n'p)Fr-222	TALYS-6a	0	[8]	45
Ra-223(n,n'2a)Po-215	TALYS-6a	0		100
Ra-223(n,2n2a)Po-214	TALYS-6a	0		100
Ra-223(n,n'd)Fr-221	TALYS-6a	0	[8]	38
Ra-223(n,n't)Fr-220	TALYS-6a	0	[8]	37
Ra-223(n,n'h)Rn-220	TALYS-6a	0	[8]	31
Ra-223(n,n'd2a)Bi-213	TALYS-6a	0		100
Ra-223(n,n't2a)Bi-212g	TALYS-6a	0		100
Ra-223(n,n't2a)Bi-212m	TALYS-6a	0		100
Ra-223(n,n't2a)Bi-212n	TALYS-6a	0	[7]	100
Ra-223(n,4n)Ra-220	TALYS-6a	0		29
Ra-223(n,2np)Fr-221	TALYS-6a	0	[8]	35
Ra-223(n,3np)Fr-220	TALYS-6a	0	[8]	27
Ra-223(n,g)Ra-224	JENDL-3.1	2	[13,12]	121
Ra-223(n,p)Fr-223	TALYS-6a	0	[2,8]	76
Ra-223(n,d)Fr-222	TALYS-6a	0	[8]	51
Ra-223(n,t)Fr-221	TALYS-6a	0	[8]	56
Ra-223(n,a)Rn-220	TALYS-6a	0	[2]	100
Ra-223(n,2a)Po-216	TALYS-6a	0	[10]	100
Ra-223(n,3a)Pb-212	TALYS-6a	0	[10]	100
Ra-223(n,2p)Rn-222	TALYS-6a	0	[8]	34
Ra-223(n,t2a)Bi-213	TALYS-6a	0		100
Ra-223(n,2nt)Fr-219	TALYS-6a	0	[8]	29
Ra-223(n,ta)At-217	TALYS-6a	0		100
Ra-223(n,4np)Fr-219	TALYS-6a	0	[8]	22
Ra-223(n,3nd)Fr-219	TALYS-6a	0	[8]	23
Ra-223(n,n'da)At-217	TALYS-6a	0	[8]	37
Ra-223(n,2npa)At-217	TALYS-6a	0	[8]	34
+Ra-223(n,5np)Fr-218g	TALYS-6a	0	[4,8]	16
+Ra-223(n,5np)Fr-218m	TALYS-6a	0	[4,7,8,8]	15
Ra-223(n,4na)Rn-216	TALYS-6a	0	[8]	31
Ra-223(n,5na)Rn-215	TALYS-6a	0	[8]	24
Ra-223(n,6na)Rn-214	TALYS-6a	0	[8]	19
Ra-223(n,7na)Rn-213	TALYS-6a	0	[8]	14
+Ra-223(n,4nd)Fr-218g	TALYS-6a	0	[4,8]	16
+Ra-223(n,4nd)Fr-218m	TALYS-6a	0	[4,7,8,8]	15
+Ra-223(n,3nt)Fr-218g	TALYS-6a	0	[4,8]	22
+Ra-223(n,3nt)Fr-218m	TALYS-6a	0	[4,7,8,8]	21
Ra-223(n,2nh)Rn-219	TALYS-6a	0	[8]	25
Ra-223(n,3nh)Rn-218	TALYS-6a	0	[8]	20
Ra-223(n,4nh)Rn-217	TALYS-6a	0	[8]	15
Ra-223(n,3n2a)Po-213	TALYS-6a	0		100
Ra-223(n,3npa)At-216	TALYS-6a	0	[8]	27
Ra-223(n,n'ta)At-216	TALYS-6a	0	[8]	35
Ra-223(n,ha)Po-217	TALYS-6a	0		100
Ra-223(n,4n2a)Po-212g	TALYS-6a	0	[4,8]	32
Ra-223(n,4n2a)Po-212m	TALYS-6a	0	[4,7,8,8]	31
Ra-223(n,4npa)At-215	TALYS-6a	0	[8]	21
Ra-224(n,2nd)Fr-221	TALYS-6a	0	[8]	28
Ra-224(n,2n)Ra-223	TALYS-5	0		53
Ra-224(n,3n)Ra-222	TALYS-5	0		38
Ra-224(n,f)	ESTIMATE	0	[13,12]	18
Ra-224(n,n'a)Rn-220	TALYS-6a	0		100
Ra-224(n,n'3a)Pb-212	TALYS-6a	0		100
Ra-224(n,2na)Rn-219	TALYS-6a	0	[8]	54
Ra-224(n,3na)Rn-218	TALYS-6a	0	[8]	40
Ra-224(n,n'p)Fr-223	TALYS-6a	0	[8]	44
Ra-224(n,n'2a)Po-216	TALYS-6a	0		100
Ra-224(n,2n2a)Po-215	TALYS-6a	0		100
Ra-224(n,n'd)Fr-222	TALYS-6a	0	[8]	35
Ra-224(n,n't)Fr-221	TALYS-6a	0	[8]	36
Ra-224(n,n't2a)Bi-213	TALYS-6a	0		100
Ra-224(n,4n)Ra-221	TALYS-6a	0		28
Ra-224(n,2np)Fr-222	TALYS-6a	0	[8]	32
Ra-224(n,3np)Fr-221	TALYS-6a	0	[8]	27
Ra-224(n,n'2p)Rn-222	TALYS-6a	0	[8]	26
Ra-224(n,n'pa)At-219	TALYS-6a	0	[8]	36
Ra-224(n,g)Ra-225	JENDL-3.1	2	[13,12]	118
Ra-224(n,p)Fr-224	TALYS-6a	0	[2,8]	67
Ra-224(n,d)Fr-223	TALYS-6a	0	[8]	49
Ra-224(n,t)Fr-222	TALYS-6a	0	[8]	48
Ra-224(n,h)Rn-222	TALYS-6a	0	[8]	38
Ra-224(n,a)Rn-221	TALYS-6a	0	[2,15,10]	100
Ra-224(n,2a)Po-217	TALYS-6a	0	[10]	100
Ra-224(n,3a)Pb-213	TALYS-6	0		100
Ra-224(n,2p)Rn-223	TALYS-6a	0	[8,7,8]	28
Ra-224(n,pd)Rn-222	TALYS-6a	0	[8]	27
Ra-224(n,da)At-219	TALYS-6a	0		100
Ra-224(n,5n)Ra-220	TALYS-6a	0		23
Ra-224(n,2nt)Fr-220	TALYS-6a	0	[8]	27
Ra-224(n,4np)Fr-220	TALYS-6a	0	[8]	20
Ra-224(n,3nd)Fr-220	TALYS-6a	0	[8]	22
Ra-224(n,5np)Fr-219	TALYS-6a	0	[8]	16
+Ra-224(n,6np)Fr-218g	TALYS-6a	0	[4,8]	12
+Ra-224(n,6np)Fr-218m	TALYS-6a	0	[4,7,8,8]	11
Ra-224(n,4na)Rn-217	TALYS-6a	0	[8]	29
Ra-224(n,5na)Rn-216	TALYS-6a	0	[8]	24
Ra-224(n,6na)Rn-215	TALYS-6a	0	[8]	17
Ra-224(n,7na)Rn-214	TALYS-6a	0	[8]	14
Ra-224(n,4nd)Fr-219	TALYS-6a	0	[8]	16
+Ra-224(n,5nd)Fr-218g	TALYS-6a	0	[4,8]	13
+Ra-224(n,5nd)Fr-218m	TALYS-6a	0	[4,7,8,8]	12
Ra-224(n,3nt)Fr-219	TALYS-6a	0	[8]	22
+Ra-224(n,4nt)Fr-218g	TALYS-6a	0	[4,8]	16
+Ra-224(n,4nt)Fr-218m	TALYS-6a	0	[4,7,8,8]	15
Ra-224(n,3n2a)Po-214	TALYS-6a	0		100
Ra-224(n,3npa)At-217	TALYS-6a	0	[8]	26
Ra-224(n,n'ta)At-217	TALYS-6a	0	[8]	34
Ra-224(n,ha)Po-218	TALYS-6a	0		100
Ra-224(n,4n2a)Po-213	TALYS-6a	0	[8]	28
Ra-224(n,4npa)At-216	TALYS-6a	0	[8]	20
Ra-225(n,2nd)Fr-222	TALYS-6a	0	[8]	28
Ra-225(n,2n)Ra-224	TALYS-5	0		61
Ra-225(n,3n)Ra-223	TALYS-5	0		39
Ra-225(n,f)	ESTIMATE	0	[13,12]	18
Ra-225(n,n'3a)Pb-213	TALYS-6a	0		100
Ra-225(n,2na)Rn-220	TALYS-6a	0		100
Ra-225(n,3na)Rn-219	TALYS-6a	0		39
Ra-225(n,n'p)Fr-224	TALYS-6a	0	[8]	44
Ra-225(n,n'2a)Po-217	TALYS-6a	0		100
Ra-225(n,2n2a)Po-216	TALYS-6a	0		100
Ra-225(n,n'd)Fr-223	TALYS-6a	0	[8]	37
Ra-225(n,n't)Fr-222	TALYS-6a	0	[8]	37
Ra-225(n,n'h)Rn-222	TALYS-6a	0	[8]	30
Ra-225(n,4n)Ra-222	TALYS-6a	0		30

Ra-225(n,2np)Fr-223	TALYS-6a	0 [8]	34		Ra-228(n,a)Rn-225	TALYS-6a	0 [2]	100
Ra-225(n,3np)Fr-222	TALYS-6a	0 [8]	27		Ra-228(n,5n)Ra-224	TALYS-6a	0	24
Ra-225(n,n'2p)Rn-223	TALYS-6a	0 [8,7,8]	26		Ra-228(n,6n)Ra-223	TALYS-6a	0	18
Ra-225(n,g)Ra-226	JENDL-3.1	0 [14,13]	67		Ra-228(n,2nt)Fr-224	TALYS-6a	0 [8]	27
Ra-225(n,p)Fr-225	TALYS-6a	0 [2,8]	72		Ra-228(n,ta)At-222	TALYS-6a	0 [8,7,8]	30
Ra-225(n,d)Fr-224	TALYS-6a	0 [8]	47		Ra-228(n,4np)Fr-224	TALYS-6a	0 [8]	20
Ra-225(n,t)Fr-223	TALYS-6a	0 [8]	54		Ra-228(n,3nd)Fr-224	TALYS-6a	0 [8]	22
Ra-225(n,h)Rn-223	TALYS-6a	0 [8,7,8]	33		Ra-228(n,n'da)At-222	TALYS-6a	0 [8,7,8]	27
Ra-225(n,a)Rn-222	TALYS-6a	0 [2]	100		Ra-228(n,2npa)At-222	TALYS-6a	0 [8,7,8]	26
Ra-225(n,2a)Po-218	TALYS-6a	0 [10]	100		Ra-228(n,7n)Ra-222	TALYS-6a	0	15
Ra-225(n,2p)Rn-224	TALYS-6a	0 [8,7,8]	29		Ra-228(n,8n)Ra-221	TALYS-6a	0	11
Ra-225(n,pa)At-221	TALYS-6a	0 [7]	100		Ra-228(n,5np)Fr-223	TALYS-6a	0 [8]	16
Ra-225(n,5n)Ra-221	TALYS-6a	0	23		Ra-228(n,6np)Fr-222	TALYS-6a	0 [8]	13
Ra-225(n,6n)Ra-220	TALYS-6a	0	18		Ra-228(n,7np)Fr-221	TALYS-6a	0 [8]	10
Ra-225(n,2nt)Fr-221	TALYS-6a	0 [8]	29		Ra-228(n,5na)Rn-220	TALYS-6a	0 [8]	24
Ra-225(n,ta)At-219	TALYS-6a	0	100		Ra-228(n,6na)Rn-219	TALYS-6a	0 [8]	17
Ra-225(n,4np)Fr-221	TALYS-6a	0 [8]	22		Ra-228(n,7na)Rn-218	TALYS-6a	0 [8]	14
Ra-225(n,3nd)Fr-221	TALYS-6a	0 [8]	23		Ra-228(n,4nd)Fr-223	TALYS-6a	0 [8]	17
Ra-225(n,n'da)At-219	TALYS-6a	0 [8]	31		Ra-228(n,5nd)Fr-222	TALYS-6a	0 [8]	14
Ra-225(n,2npa)At-219	TALYS-6a	0 [8]	30		Ra-228(n,6nd)Fr-221	TALYS-6a	0 [8]	11
Ra-225(n,5np)Fr-220	TALYS-6a	0 [8]	16		Ra-228(n,3nt)Fr-223	TALYS-6a	0 [8]	22
Ra-225(n,6np)Fr-219	TALYS-6a	0 [8]	13		Ra-228(n,4nt)Fr-222	TALYS-6a	0 [8]	16
Ra-225(n,4na)Rn-218	TALYS-6a	0 [8]	31		Ra-228(n,5nt)Fr-221	TALYS-6a	0 [8]	14
Ra-225(n,5na)Rn-217	TALYS-6a	0 [8]	24		Ra-228(n,6nt)Fr-220	TALYS-6a	0 [8]	10
Ra-225(n,6na)Rn-216	TALYS-6a	0 [8]	19		Ra-228(n,2nh)Rn-224	TALYS-6a	0 [8,7,8]	23
Ra-225(n,7na)Rn-215	TALYS-6a	0 [8]	14		Ra-228(n,3nh)Rn-223	TALYS-6a	0 [8,7,8]	17
Ra-225(n,4nd)Fr-220	TALYS-6a	0 [8]	17		Ra-228(n,4nh)Rn-222	TALYS-6a	0 [8]	14
Ra-225(n,5nd)Fr-219	TALYS-6a	0 [8]	14		Ra-228(n,3n2p)Rn-224	TALYS-6a	0 [8,7,8]	15
Ra-225(n,3nt)Fr-220	TALYS-6a	0 [8]	22		Ra-228(n,3n2a)Po-218	TALYS-6a	0 [8]	34
Ra-225(n,4nt)Fr-219	TALYS-6a	0 [8]	17		Ra-228(n,3npa)At-221	TALYS-6a	0 [8,7,8]	22
+Ra-225(n,5nt)Fr-218g	TALYS-6a	0 [4,8]	13		Ra-228(n,n'pd)Rn-225	TALYS-6a	0 [8,7,8]	20
+Ra-225(n,5nt)Fr-218m	TALYS-6a	0 [4,7,8,8]	12		Ra-228(n,2n2p)Rn-225	TALYS-6a	0 [8,7,8]	18
Ra-225(n,3n2a)Po-215	TALYS-6a	0	100		Ra-228(n,4n2p)Rn-223	TALYS-6a	0 [8,7,8]	13
Ra-225(n,n'pd)Rn-222	TALYS-6a	0 [8]	23		Ra-228(n,5n2p)Rn-222	TALYS-6a	0 [8]	11
Ra-225(n,2n2p)Rn-222	TALYS-6a	0 [8]	22		Ac-225(n,2nd)Ra-222	TALYS-6a	0 [8]	30
Ra-225(n,4n2a)Po-214	TALYS-6a	0 [8]	29		Ac-225(n,2n)Ac-224	TALYS-5	0	52
Ra-225(n,4npa)At-217	TALYS-6a	0 [8]	21		Ac-225(n,3n)Ac-223	TALYS-5	0	37
Ra-226(n,2nd)Fr-223	TALYS-6a	0 [8]	28		>Ac-225(n,f)	ESTIMATE	0 [13,12,3]	18
Ra-226(n,2n)Ra-225	TALYS-5a	2	53		Ac-225(n,n'a)Fr-221	TALYS-6a	0	100
Ra-226(n,3n)Ra-224	TALYS-5a	2	39		Ac-225(n,n'3a)Bi-213	TALYS-6a	0	100
Ra-226(n,f)	JENDL-3.3	4 [13,12,3]	9863		Ac-225(n,2na)Fr-220	TALYS-6a	0 [8]	54
Ra-226(n,n'a)Rn-222	TALYS-6a	0	100		Ac-225(n,3na)Fr-219	TALYS-6a	0 [8]	38
Ra-226(n,n'3a)Pb-214	TALYS-6a	0	100		Ac-225(n,n'p)Ra-224	TALYS-6a	0 [8]	56
Ra-226(n,3na)Rn-220	TALYS-6a	0 [8]	38		Ac-225(n,n'2a)At-217	TALYS-6a	0	100
Ra-226(n,n'p)Fr-225	TALYS-6a	0 [8]	43		Ac-225(n,2n2a)At-216	TALYS-6a	0	100
Ra-226(n,n'2a)Po-218	TALYS-6a	0	100		Ac-225(n,n'd)Ra-223	TALYS-6a	0 [8]	39
Ra-226(n,n'd)Fr-224	TALYS-6a	0 [8]	34		Ac-225(n,n't)Ra-222	TALYS-6a	0 [8]	40
Ra-226(n,n't)Fr-223	TALYS-6a	0 [8]	36		Ac-225(n,n'h)Fr-222	TALYS-6a	0 [8]	29
Ra-226(n,n'h)Rn-223	TALYS-6a	0 [8,7,8]	28		Ac-225(n,n'd2a)Po-215	TALYS-6a	0	100
Ra-226(n,4n)Ra-223	TALYS-6a	0	29		Ac-225(n,n't2a)Po-214	TALYS-6a	0	100
Ra-226(n,2np)Fr-224	TALYS-6a	0 [8]	31		Ac-225(n,4n)Ac-222g	TALYS-6a	0 [4]	27
Ra-226(n,3np)Fr-223	TALYS-6a	0 [8]	26		Ac-225(n,4n)Ac-222m	TALYS-6a	0 [4,7,8]	27
Ra-226(n,n'2p)Rn-224	TALYS-6a	0 [8,7,8]	25		Ac-225(n,2np)Ra-223	TALYS-6a	0 [8]	36
Ra-226(n,n'pa)At-221	TALYS-6a	0 [8,7,8]	32		Ac-225(n,3np)Ra-222	TALYS-6a	0 [8]	29
Ra-226(n,g)Ra-227	JENDL-3.1	4 [14,13]	9693		Ac-225(n,n'2p)Fr-223	TALYS-6a	0 [8]	28
Ra-226(n,p)Fr-226	TALYS-6a	0 [2,8,7,8]	62		Ac-225(n,n'pa)Rn-220	TALYS-6a	0	100
Ra-226(n,d)Fr-225	TALYS-6a	0 [8]	46		Ac-225(n,g)Ac-226	JENDL-3.1	0 [14,13]	63
Ra-226(n,t)Fr-224	TALYS-6a	0 [8]	45		Ac-225(n,p)Ra-225	TALYS-6a	0 [2]	100
Ra-226(n,h)Rn-224	TALYS-6a	0 [8,7,8]	32		Ac-225(n,d)Ra-224	TALYS-6a	0 [8]	62
Ra-226(n,a)Rn-223	TALYS-6a	0 [2]	100		Ac-225(n,t)Ra-223	TALYS-6a	0 [8]	58
Ra-226(n,2a)Po-219	TALYS-6a	0 [7]	100		Ac-225(n,h)Fr-223	TALYS-6a	0 [8]	39
Ra-226(n,2p)Rn-225	TALYS-6a	0 [8,7,8]	26		Ac-225(n,a)Fr-222	TALYS-6a	0 [2]	100
Ra-226(n,pa)At-222	TALYS-6a	0 [7]	100		Ac-225(n,2p)Fr-224	TALYS-6a	0 [8]	30
Ra-226(n,pd)Rn-224	TALYS-6a	0 [8,7,8]	26		Ac-225(n,t2a)Po-215	TALYS-6	0	100
Ra-226(n,da)At-221	TALYS-6a	0 [8,7,8,10]	32		Ac-225(n,pd)Fr-223	TALYS-6a	0 [8]	29
Ra-226(n,5n)Ra-222	TALYS-6a	0	23		Ac-225(n,da)Rn-220	TALYS-6a	0	100
Ra-226(n,6n)Ra-221	TALYS-6a	0	17		Ac-225(n,2nt)Ra-221	TALYS-6a	0 [8]	29
Ra-226(n,2nt)Fr-222	TALYS-6a	0 [8]	27		Ac-225(n,ta)Rn-219	TALYS-6a	0	100
Ra-226(n,4np)Fr-222	TALYS-6a	0 [8]	20		Ac-225(n,4np)Ra-221	TALYS-6a	0 [8]	22
Ra-226(n,3nd)Fr-222	TALYS-6a	0 [8]	22		Ac-225(n,3nd)Ra-221	TALYS-6a	0 [8]	23
Ra-226(n,7n)Ra-220	TALYS-6a	0	14		Ac-225(n,n'da)Rn-219	TALYS-6a	0 [8]	38
Ra-226(n,5np)Fr-221	TALYS-6a	0 [8]	16		Ac-225(n,2npa)Rn-219	TALYS-6a	0 [8]	35
Ra-226(n,6np)Fr-220	TALYS-6a	0 [8]	13		Ac-225(n,5np)Ra-220	TALYS-6a	0 [8]	16
Ra-226(n,4na)Rn-219	TALYS-6a	0 [8]	29		+Ac-225(n,4na)Fr-218g	TALYS-6a	0 [4,8]	28
Ra-226(n,5na)Rn-218	TALYS-6a	0 [8]	24		+Ac-225(n,4na)Fr-218m	TALYS-6a	0 [4,7,8,8]	27
Ra-226(n,6na)Rn-217	TALYS-6a	0 [8]	17		Ac-225(n,4nd)Ra-220	TALYS-6a	0 [8]	17
Ra-226(n,7na)Rn-216	TALYS-6a	0 [8]	14		Ac-225(n,3nt)Ra-220	TALYS-6a	0 [8]	23
Ra-226(n,4nd)Fr-221	TALYS-6a	0 [8]	16		Ac-225(n,2nh)Fr-221	TALYS-6a	0 [8]	25
Ra-226(n,5nd)Fr-220	TALYS-6a	0 [8]	13		Ac-225(n,3nh)Fr-220	TALYS-6a	0 [8]	19
Ra-226(n,6nd)Fr-219	TALYS-6a	0 [8]	11		Ac-225(n,4nh)Fr-219	TALYS-6a	0 [8]	15
Ra-226(n,3nt)Fr-221	TALYS-6a	0 [8]	22		Ac-225(n,3n2p)Fr-221	TALYS-6a	0 [8]	17
Ra-226(n,4nt)Fr-220	TALYS-6a	0 [8]	16		Ac-225(n,3n2a)At-215	TALYS-6a	0	100
Ra-226(n,5nt)Fr-219	TALYS-6a	0 [8]	13		Ac-225(n,3npa)Rn-218	TALYS-6a	0 [8]	27
Ra-226(n,2nh)Rn-222	TALYS-6a	0 [8]	24		Ac-225(n,n'pd)Fr-222	TALYS-6a	0 [8]	23
Ra-226(n,3n2p)Rn-222	TALYS-6a	0 [8]	16		Ac-225(n,n'ta)Rn-218	TALYS-6a	0 [8]	36
Ra-226(n,3n2a)Po-216	TALYS-6a	0	100		Ac-225(n,2n2p)Fr-222	TALYS-6a	0 [8]	22
Ra-226(n,n'pd)Rn-223	TALYS-6a	0 [8,7,8]	21		Ac-225(n,4n2a)At-214	TALYS-6a	0 [8]	28
Ra-226(n,2n2p)Rn-223	TALYS-6a	0 [8,7,8]	20		Ac-225(n,4npa)Rn-217	TALYS-6a	0 [8]	21
Ra-226(n,4n2a)Po-215	TALYS-6a	0 [8]	28		Ac-225(n,3n2pa)At-217	TALYS-6a	0 [8]	16
Ra-226(n,3n2pa)Po-218	TALYS-6	0 [8]	14		Ac-226(n,2nd)Ra-223	TALYS-6a	0 [8]	30
Ra-228(n,2nd)Fr-225	TALYS-6a	0 [8]	28		Ac-226(n,2n)Ac-225	TALYS-5	0	58
Ra-228(n,2n)Ra-227	TALYS-5	0	54		Ac-226(n,3n)Ac-224	TALYS-5	0	37
Ra-228(n,3n)Ra-226	TALYS-5	0	40		>Ac-226(n,f)	ESTIMATE	0 [11,12,3]	36
Ra-228(n,f)	ESTIMATE	2 [13,4]	35		Ac-226(n,n'a)Fr-222	TALYS-6a	0	100
Ra-228(n,n'a)Rn-224	TALYS-6a	0	100		Ac-226(n,2na)Fr-221	TALYS-6a	0	100
Ra-228(n,2na)Rn-223	TALYS-6a	0 [8,7,8]	45		Ac-226(n,3na)Fr-220	TALYS-6a	0 [8]	38
Ra-228(n,3na)Rn-222	TALYS-6a	0 [8]	37		Ac-226(n,n'p)Ra-225	TALYS-6a	0 [8]	52
Ra-228(n,n'p)Fr-227	TALYS-6a	0 [8]	42		Ac-226(n,2n2a)At-217	TALYS-6a	0	100
Ra-228(n,2n2a)Po-219	TALYS-6a	0 [7]	100		Ac-226(n,n'd)Ra-224	TALYS-6a	0 [8]	41
Ra-228(n,n'd)Fr-226	TALYS-6a	0 [8,7,8]	33		Ac-226(n,n't)Ra-223	TALYS-6a	0 [8]	40
Ra-228(n,n't)Fr-225	TALYS-6a	0 [8]	35		Ac-226(n,n'h)Fr-223	TALYS-6a	0 [8]	30
Ra-228(n,n'h)Rn-225	TALYS-6a	0 [8,7,8]	26		Ac-226(n,n't2a)Po-215	TALYS-6a	0	100
Ra-228(n,4n)Ra-225	TALYS-6a	0	29		Ac-226(n,4n)Ac-223	TALYS-6a	0	29
Ra-228(n,2np)Fr-226	TALYS-6a	0 [8,7,8]	31		Ac-226(n,2np)Ra-224	TALYS-6a	0 [8]	38
Ra-228(n,3np)Fr-225	TALYS-6a	0 [8]	26		Ac-226(n,3np)Ra-223	TALYS-6a	0 [8]	28
Ra-228(n,g)Ra-229	TALYS-6	2	100		Ac-226(n,n'2p)Fr-224	TALYS-6a	0 [8]	27
Ra-228(n,p)Fr-228	TALYS-6a	0 [2,8]	59		Ac-226(n,g)Ac-227	JENDL-3.1	0 [14,13]	62
Ra-228(n,d)Fr-227	TALYS-6a	0 [8]	44		Ac-226(n,p)Ra-226	TALYS-6a	0 [2]	100
Ra-228(n,t)Fr-226	TALYS-6a	0 [8,7,8]	44		Ac-226(n,d)Ra-225	TALYS-6a	0 [8]	59

Reaction	Library			
Ac-226(n,t)Ra-224	TALYS-6a	0	[8]	63
Ac-226(n,h)Fr-224	TALYS-6a	0	[8]	35
Ac-226(n,a)Fr-223	TALYS-6a	0	[2]	100
Ac-226(n,2p)Fr-225	TALYS-6a	0	[8]	33
Ac-226(n,pd)Fr-224	TALYS-6a	0	[8]	28
Ac-226(n,5n)Ac-222g	TALYS-6a	0	[4]	22
Ac-226(n,5n)Ac-222m	TALYS-6a	0	[4,7,8]	22
Ac-226(n,2nt)Ra-222	TALYS-6a	0	[8]	30
Ac-226(n,ta)Rn-220	TALYS-6a	0		100
Ac-226(n,4np)Ra-222	TALYS-6a	0	[8]	23
Ac-226(n,3nd)Ra-222	TALYS-6a	0	[8]	24
Ac-226(n,n'da)Rn-220	TALYS-6a	0	[8]	39
Ac-226(n,2npa)Rn-220	TALYS-6a	0	[8]	36
Ac-226(n,5np)Ra-221	TALYS-6a	0	[8]	16
Ac-226(n,6np)Ra-220	TALYS-6a	0	[8]	13
Ac-226(n,4na)Fr-219	TALYS-6a	0	[8]	29
+Ac-226(n,5na)Fr-218g	TALYS-6a	0	[4,8]	23
+Ac-226(n,5na)Fr-218m	TALYS-6a	0	[4,7,8,8]	22
Ac-226(n,4nd)Ra-221	TALYS-6a	0	[8]	17
Ac-226(n,5nd)Ra-220	TALYS-6a	0	[8]	14
Ac-226(n,3nt)Ra-221	TALYS-6a	0	[8]	23
Ac-226(n,4nt)Ra-220	TALYS-6a	0	[8]	17
Ac-226(n,2nh)Fr-222	TALYS-6a	0	[8]	25
Ac-226(n,3nh)Fr-221	TALYS-6a	0	[8]	19
Ac-226(n,4nh)Fr-220	TALYS-6a	0	[8]	15
Ac-226(n,3n2p)Fr-222	TALYS-6a	0	[8]	17
Ac-226(n,3n2a)At-216	TALYS-6a	0	[8]	37
Ac-226(n,3npa)Rn-219	TALYS-6a	0	[8]	27
Ac-226(n,n'pd)Fr-223	TALYS-6a	0	[8]	24
Ac-226(n,n'ta)Rn-219	TALYS-6a	0	[8]	38
Ac-226(n,2n2p)Fr-223	TALYS-6a	0	[8]	22
Ac-226(n,4n2p)Fr-221	TALYS-6a	0	[8]	14
Ac-226(n,4n2a)At-215	TALYS-6a	0	[8]	29
Ac-226(n,4npa)Rn-218	TALYS-6a	0	[8]	21
Ac-227(n,2nd)Ra-224	TALYS-6a	0	[8]	30
Ac-227(n,2n)Ac-226	TALYS-5	0		53
Ac-227(n,3n)Ac-225	TALYS-5	0		38
Ac-227(n,f)	JENDL-3.2	4	[13,12]	306
Ac-227(n,n'a)Fr-223	TALYS-6a	0		100
Ac-227(n,2na)Fr-222	TALYS-6a	0	[8]	51
Ac-227(n,3na)Fr-221	TALYS-6a	0	[8]	37
Ac-227(n,n'p)Ra-226	TALYS-6a	0	[8]	52
Ac-227(n,n'd)Ra-225	TALYS-6a	0	[8]	37
Ac-227(n,n't)Ra-224	TALYS-6a	0	[8]	39
Ac-227(n,n'h)Fr-224	TALYS-6a	0	[8]	28
Ac-227(n,4n)Ac-224	TALYS-6a	0		28
Ac-227(n,2np)Ra-225	TALYS-6a	0	[8]	35
Ac-227(n,3np)Ra-224	TALYS-6a	0	[8]	28
Ac-227(n,n'2p)Fr-225	TALYS-6a	0	[8]	26
>Ac-227(n,g)Ac-228	JENDL-3.1	2	[14,13,12]	147
Ac-227(n,p)Ra-227	TALYS-6a	0	[2,8]	75
Ac-227(n,d)Ra-226	TALYS-6a	0	[8]	58
Ac-227(n,t)Ra-225	TALYS-6a	0	[8]	54
Ac-227(n,h)Fr-225	TALYS-6a	0	[8]	35
Ac-227(n,a)Fr-224	TALYS-6a	0	[2]	100
Ac-227(n,2p)Fr-226	TALYS-6a	0	[8,7,8]	28
Ac-227(n,pa)Rn-223	TALYS-6a	0	[7]	100
Ac-227(n,pd)Fr-225	TALYS-6a	0	[8]	27
Ac-227(n,5n)Ac-223	TALYS-6a	0		22
Ac-227(n,6n)Ac-222g	TALYS-6a	0	[4]	16
Ac-227(n,6n)Ac-222m	TALYS-6a	0	[4,7,8]	16
Ac-227(n,2nt)Ra-223	TALYS-6a	0	[8]	29
Ac-227(n,4np)Ra-223	TALYS-6a	0	[8]	22
Ac-227(n,3nd)Ra-223	TALYS-6a	0	[8]	23
Ac-227(n,5np)Ra-222	TALYS-6a	0	[8]	16
Ac-227(n,6np)Ra-221	TALYS-6a	0	[8]	13
Ac-227(n,4na)Fr-220	TALYS-6a	0	[8]	28
Ac-227(n,5na)Fr-219	TALYS-6a	0	[8]	23
+Ac-227(n,6na)Fr-218g	TALYS-6a	0	[4,8]	16
+Ac-227(n,6na)Fr-218m	TALYS-6a	0	[4,7,8,8]	15
Ac-227(n,4nd)Ra-222	TALYS-6a	0	[8]	18
Ac-227(n,5nd)Ra-221	TALYS-6a	0	[8]	14
Ac-227(n,3nt)Ra-222	TALYS-6a	0	[8]	23
Ac-227(n,4nt)Ra-221	TALYS-6a	0	[8]	16
Ac-227(n,5nt)Ra-220	TALYS-6a	0	[8]	14
Ac-227(n,2nh)Fr-223	TALYS-6a	0	[8]	24
Ac-227(n,3nh)Fr-222	TALYS-6a	0	[8]	18
Ac-227(n,4nh)Fr-221	TALYS-6a	0	[8]	15
Ac-227(n,3n2p)Fr-223	TALYS-6a	0	[8]	16
Ac-227(n,3n2a)At-217	TALYS-6a	0		100
Ac-227(n,3npa)Rn-220	TALYS-6a	0	[8]	26
Ac-227(n,n'pd)Fr-224	TALYS-6a	0	[8]	22
Ac-227(n,n'ta)Rn-220	TALYS-6a	0	[8]	35
Ac-227(n,2n2p)Fr-224	TALYS-6a	0	[8]	21
Ac-227(n,4n2p)Fr-222	TALYS-6a	0	[8]	13
Ac-227(n,4n2a)At-216	TALYS-6a	0	[8]	28
Ac-227(n,4npa)Rn-219	TALYS-6a	0	[8]	20
Ac-228(n,2nd)Ra-225	TALYS-6a	0	[8]	29
Ac-228(n,2n)Ac-227	TALYS-5	0		60
Ac-228(n,3n)Ac-226	TALYS-5	0		38
Ac-228(n,f)	TALYS-6a	0	[8,8,10]	61
Ac-228(n,n'a)Fr-224	TALYS-6a	0		100
Ac-228(n,2na)Fr-223	TALYS-6a	0	[7]	100
Ac-228(n,3na)Fr-222	TALYS-6a	0	[8]	37
Ac-228(n,n'p)Ra-227	TALYS-6a	0	[8]	48
Ac-228(n,2n2a)At-219	TALYS-6a	0		100
Ac-228(n,n'd)Ra-226	TALYS-6a	0	[8]	40
Ac-228(n,n't)Ra-225	TALYS-6a	0	[8]	39
Ac-228(n,n'h)Fr-225	TALYS-6a	0	[8]	29
Ac-228(n,4n)Ac-225	TALYS-6a	0		29
Ac-228(n,2np)Ra-226	TALYS-6a	0	[8]	38
Ac-228(n,3np)Ra-225	TALYS-6a	0	[8]	28
Ac-228(n,n'2p)Fr-226	TALYS-6a	0	[8,7,8]	26
Ac-228(n,g)Ac-229	TALYS-6a	0	[14]	100
Ac-228(n,p)Ra-228	TALYS-6a	0	[2]	100
Ac-228(n,d)Ra-227	TALYS-6a	0	[8]	55
Ac-228(n,t)Ra-226	TALYS-6a	0	[8]	62
Ac-228(n,h)Fr-226	TALYS-6a	0	[8,7,8]	32
Ac-228(n,a)Fr-225	TALYS-6a	0	[2]	100
Ac-228(n,2p)Fr-227	TALYS-6a	0	[8]	30
Ac-228(n,pd)Fr-226	TALYS-6a	0	[8,7,8]	27
Ac-228(n,5n)Ac-224	TALYS-6a	0		23
Ac-228(n,6n)Ac-223	TALYS-6a	0		17
Ac-228(n,2nt)Ra-224	TALYS-6a	0	[8]	30
Ac-228(n,4np)Ra-224	TALYS-6a	0	[8]	23
Ac-228(n,3nd)Ra-224	TALYS-6a	0	[8]	24
Ac-228(n,2npa)Rn-222	TALYS-6a	0	[8]	30
Ac-228(n,7n)Ac-222g	TALYS-6a	0	[4]	13
Ac-228(n,7n)Ac-222m	TALYS-6a	0	[4,7,8]	13
Ac-228(n,5np)Ra-223	TALYS-6a	0	[8]	16
Ac-228(n,6np)Ra-222	TALYS-6a	0	[8]	14
Ac-228(n,4na)Fr-221	TALYS-6a	0	[8]	29
Ac-228(n,5na)Fr-220	TALYS-6a	0	[8]	23
Ac-228(n,6na)Fr-219	TALYS-6a	0	[8]	17
Ac-228(n,7na)Fr-218g	TALYS-6a	0	[4,8]	13
Ac-228(n,7na)Fr-218m	TALYS-6a	0	[4,7,8,8]	12
Ac-228(n,4nd)Ra-223	TALYS-6a	0	[8]	18
Ac-228(n,5nd)Ra-222	TALYS-6a	0	[8]	14
Ac-228(n,6nd)Ra-221	TALYS-6	0	[8]	11
Ac-228(n,3nt)Ra-223	TALYS-6a	0	[8]	23
Ac-228(n,4nt)Ra-222	TALYS-6a	0	[8]	18
Ac-228(n,5nt)Ra-221	TALYS-6a	0	[8]	14
Ac-228(n,2nh)Fr-224	TALYS-6a	0	[8]	24
Ac-228(n,3nh)Fr-223	TALYS-6a	0	[8]	19
Ac-228(n,4nh)Fr-222	TALYS-6a	0	[8]	15
Ac-228(n,3n2p)Fr-224	TALYS-6a	0	[8]	16
Ac-228(n,3n2a)At-218	TALYS-6a	0	[8]	29
Ac-228(n,3npa)Rn-221	TALYS-6a	0	[8,7,8]	25
Ac-228(n,n'pd)Fr-225	TALYS-6a	0	[8]	22
Ac-228(n,2n2p)Fr-225	TALYS-6a	0	[8]	21
Ac-228(n,4n2p)Fr-223	TALYS-6a	0	[8]	14
Ac-228(n,4n2a)At-217	TALYS-6a	0	[8]	29
Ac-228(n,4npa)Rn-220	TALYS-6a	0	[8]	21
Th-227(n,2nd)Ac-224	TALYS-6a	0	[8]	28
Th-227(n,2n)Th-226	TALYS-5	0		58
Th-227(n,3n)Th-225	TALYS-5	0		36
Th-227(n,f)	JENDL-3.1	2	[13,12,4]	104
Th-227(n,n'a)Ra-223	TALYS-6a	0	[10]	100
Th-227(n,n'3a)Po-215	TALYS-6a	0		100
Th-227(n,2na)Ra-222	TALYS-6a	0		100
Th-227(n,3na)Ra-221	TALYS-6a	0	[8]	38
Th-227(n,n'p)Ac-226	TALYS-6a	0	[8]	48
Th-227(n,n'2a)Rn-219	TALYS-6a	0		100
Th-227(n,2n2a)Rn-218	TALYS-6a	0		100
Th-227(n,n'd)Ac-225	TALYS-6a	0	[8]	38
Th-227(n,n't)Ac-224	TALYS-6a	0	[8]	36
Th-227(n,n'h)Ra-224	TALYS-6a	0	[8]	31
Th-227(n,n'd2a)At-217	TALYS-6	0		100
Th-227(n,n't2a)At-216	TALYS-6a	0		100
Th-227(n,4n)Th-224	TALYS-6a	0		28
Th-227(n,2np)Ac-225	TALYS-6a	0	[8]	36
Th-227(n,3np)Ac-224	TALYS-6a	0	[8]	27
Th-227(n,n'2p)Ra-225	TALYS-6a	0	[8]	28
Th-227(n,n'pa)Fr-222	TALYS-6a	0	[8]	40
Th-227(n,g)Th-228	JENDL-3.1	0	[14,13]	62
Th-227(n,p)Ac-227	TALYS-6a	0	[2]	100
Th-227(n,d)Ac-226	TALYS-6a	0	[8]	53
Th-227(n,t)Ac-225	TALYS-6a	0	[8]	56
Th-227(n,h)Ra-225	TALYS-6a	0	[8]	40
Th-227(n,a)Ra-224	TALYS-6a	0	[2]	100
Th-227(n,2a)Rn-220	TALYS-6a	0	[10]	100
Th-227(n,3a)Po-216	TALYS-6	0		100
Th-227(n,2p)Ra-226	TALYS-6a	0	[8]	37
Th-227(n,pa)Fr-223	TALYS-6a	0		100
Th-227(n,t2a)At-217	TALYS-6	0		100
Th-227(n,pd)Ra-225	TALYS-6a	0	[8]	29
Th-227(n,da)Fr-222	TALYS-6a	0		100
Th-227(n,2nt)Ac-223	TALYS-6a	0	[8]	28
Th-227(n,ta)Fr-221	TALYS-6a	0		100
Th-227(n,4np)Ac-223	TALYS-6a	0	[8]	21
Th-227(n,3nd)Ac-223	TALYS-6a	0	[8]	22
Th-227(n,n'da)Fr-221	TALYS-6a	0	[8]	36
Th-227(n,2npa)Fr-221	TALYS-6a	0	[8]	34
Th-227(n,5np)Ac-222g	TALYS-6a	0	[4,8]	15
Th-227(n,5np)Ac-222m	TALYS-6a	0	[4,7,8,8]	15
Th-227(n,4na)Ra-220	TALYS-6a	0	[8]	29
Th-227(n,4nd)Ac-222g	TALYS-6a	0	[4,8]	16
Th-227(n,4nd)Ac-222m	TALYS-6a	0	[4,7,8,8]	16
Th-227(n,3nt)Ac-222g	TALYS-6a	0	[4,8]	21
Th-227(n,3nt)Ac-222m	TALYS-6a	0	[4,7,8,8]	21
Th-227(n,2nh)Ra-223	TALYS-6a	0	[8]	25
Th-227(n,3nh)Ra-222	TALYS-6a	0	[8]	20
Th-227(n,4nh)Ra-221	TALYS-6a	0	[8]	15
Th-227(n,3n2p)Ra-223	TALYS-6a	0	[8]	17
Th-227(n,3n2a)Rn-217	TALYS-6a	0		100
Th-227(n,3npa)Fr-220	TALYS-6a	0	[8]	26
Th-227(n,n'pd)Ra-224	TALYS-6a	0	[8]	25
Th-227(n,n'ta)Fr-220	TALYS-6a	0	[8]	33
Th-227(n,2n2p)Ra-224	TALYS-6a	0	[8]	23
Th-227(n,4n2p)Ra-222	TALYS-6a	0	[8]	14
Th-227(n,4n2a)Rn-216	TALYS-6a	0	[8]	28
Th-227(n,4npa)Fr-219	TALYS-6a	0	[8]	21
Th-227(n,3n2pa)Rn-219	TALYS-6a	0	[8]	16
Th-228(n,2nd)Ac-225	TALYS-6a	0	[8]	28
Th-228(n,2n)Th-227	TALYS-5	0		50
Th-228(n,3n)Th-226	TALYS-5	0		36
Th-228(n,f)	JAERI(MDF)	4	[13,4]	70
Th-228(n,n'a)Ra-224	TALYS-6a	0		99
Th-228(n,n'3a)Po-216	TALYS-6a	0		99
Th-228(n,2na)Ra-223	TALYS-6a	0	[8]	51
Th-228(n,3na)Ra-222	TALYS-6a	0	[8]	37
Th-228(n,n'p)Ac-227	TALYS-6a	0	[8]	45
Th-228(n,n'2a)Rn-220	TALYS-6a	0		99
Th-228(n,2n2a)Rn-219	TALYS-6a	0		99
Th-228(n,n'd)Ac-226	TALYS-6a	0	[8]	34
Th-228(n,n't)Ac-225	TALYS-6a	0	[8]	35
Th-228(n,n'h)Ra-225	TALYS-6a	0	[8]	29
Th-228(n,n't2a)At-217	TALYS-6a	0		99

Reaction	Library	Flag	Refs	Value
Th-228(n,4n)Th-225	TALYS-6a	0		27
Th-228(n,2np)Ac-226	TALYS-6a	0	[8]	32
Th-228(n,3np)Ac-225	TALYS-6a	0	[8]	26
Th-228(n,n'2p)Ra-226	TALYS-6a	0	[8]	27
Th-228(n,n'pa)Fr-223	TALYS-6a	0	[8]	37
+Th-228(n,g)Th-229g	JENDL-3.1	2	[14,13,4,6]	860
+Th-228(n,g)Th-229m	JENDL-3.1	2	[14,13,4,6]	860
Th-228(n,p)Ac-228	TALYS-6a	0	[2,8]	71
Th-228(n,d)Ac-227	TALYS-6a	0	[8]	51
Th-228(n,t)Ac-226	TALYS-6a	0	[8]	47
Th-228(n,h)Ra-226	TALYS-6a	0	[8]	39
Th-228(n,a)Ra-225	TALYS-6a	0	[2]	99
Th-228(n,3a)Po-217	TALYS-5a	0		99
Th-228(n,2p)Ra-227	TALYS-6a	0	[8]	32
Th-228(n,pa)Fr-224	TALYS-6a	0		99
Th-228(n,pd)Ra-226	TALYS-6a	0	[8]	28
Th-228(n,da)Fr-223	TALYS-6a	0		99
Th-228(n,5n)Th-224	TALYS-6a	0		21
Th-228(n,2nt)Ac-224	TALYS-6a	0	[8]	26
Th-228(n,ta)Fr-222	TALYS-6a	0		99
Th-228(n,4np)Ac-224	TALYS-6a	0	[8]	19
Th-228(n,3nd)Ac-224	TALYS-6a	0	[8]	21
Th-228(n,n'da)Fr-222	TALYS-6a	0	[8]	30
Th-228(n,3npa)Fr-222	TALYS-6a	0	[8]	29
Th-228(n,5np)Ac-223	TALYS-6a	0	[8]	15
Th-228(n,4na)Ra-221	TALYS-6a	0	[8]	27
Th-228(n,5na)Ra-220	TALYS-6a	0	[8]	22
Th-228(n,4nd)Ac-223	TALYS-6a	0	[8]	16
Th-228(n,5nd)Ac-222g	TALYS-6a	0	[4,8]	12
Th-228(n,5nd)Ac-222m	TALYS-6a	0	[4,7,8,8]	12
Th-228(n,3nt)Ac-223	TALYS-6a	0	[8]	21
Th-228(n,4nt)Ac-222g	TALYS-6a	0	[4,8]	15
Th-228(n,4nt)Ac-222m	TALYS-6a	0	[4,7,8,8]	15
Th-228(n,2nh)Ra-224	TALYS-6a	0	[8]	24
Th-228(n,3nh)Ra-223	TALYS-6a	0	[8]	18
Th-228(n,4nh)Ra-222	TALYS-6a	0	[8]	15
Th-228(n,3n2p)Ra-224	TALYS-6a	0	[8]	16
Th-228(n,3n2a)Rn-218	TALYS-6a	0		99
Th-228(n,3npa)Fr-221	TALYS-6a	0	[8]	25
Th-228(n,n'pd)Ra-225	TALYS-6a	0	[8]	22
Th-228(n,n'ta)Fr-221	TALYS-6a	0	[8]	34
Th-228(n,2n2p)Ra-225	TALYS-6a	0	[8]	21
Th-228(n,4n2p)Ra-223	TALYS-6a	0	[8]	13
Th-228(n,4n2a)Rn-217	TALYS-6a	0	[8]	27
Th-228(n,4npa)Fr-220	TALYS-6a	0	[8]	19
Th-228(n,3n2pa)Rn-220	TALYS-6a	0	[8]	14
Th-229(n,2nd)Ac-226	TALYS-6a	0	[8]	28
Th-229(n,2n)Th-228	TALYS-5	0	[4]	59
Th-229(n,3n)Th-227	TALYS-5	0		37
Th-229(n,f)	JENDL-3.1	3	[13,4]	2338
Th-229(n,n'a)Ra-225	TALYS-6a	0		100
Th-229(n,n'3a)Po-217	TALYS-6a	0		100
Th-229(n,2na)Ra-224	TALYS-6a	0		100
Th-229(n,3na)Ra-223	TALYS-6a	0	[8]	37
Th-229(n,n'p)Ac-228	TALYS-6a	0	[8]	45
Th-229(n,2n2a)Rn-220	TALYS-6a	0		100
Th-229(n,n'd)Ac-227	TALYS-6a	0	[8]	37
Th-229(n,n't)Ac-226	TALYS-6a	0	[8]	36
Th-229(n,n'h)Ra-226	TALYS-6a	0	[8]	30
Th-229(n,4n)Th-226	TALYS-6a	0		29
Th-229(n,2np)Ac-227	TALYS-6a	0	[8]	35
Th-229(n,3np)Ac-226	TALYS-6a	0	[8]	26
Th-229(n,n'2p)Ra-227	TALYS-6a	0	[8]	26
Th-229(n,n'pa)Fr-224	TALYS-6a	0	[8]	34
Th-229(n,g)Th-230	JENDL-3.1	4	[14,13]	2338
Th-229(n,p)Ac-229	TALYS-6a	0	[2,8]	76
Th-229(n,d)Ac-228	TALYS-6a	0	[8]	49
Th-229(n,t)Ac-227	TALYS-6a	0	[8]	53
Th-229(n,h)Ra-227	TALYS-6a	0	[8]	36
Th-229(n,a)Ra-226	TALYS-6a	0	[2]	100
Th-229(n,2a)Rn-222	TALYS-6a	0	[10]	100
Th-229(n,2p)Ra-228	TALYS-6a	0	[8]	33
Th-229(n,pa)Fr-225	TALYS-6a	0		100
Th-229(n,pd)Ra-227	TALYS-6a	0	[8]	27
Th-229(n,da)Fr-224	TALYS-6a	0		100
Th-229(n,5n)Th-225	TALYS-6a	0		21
Th-229(n,6n)Th-224	TALYS-6a	0		16
Th-229(n,2nt)Ac-225	TALYS-6a	0	[8]	28
Th-229(n,ta)Fr-223	TALYS-6a	0		100
Th-229(n,4np)Ac-225	TALYS-6a	0	[8]	21
Th-229(n,3nd)Ac-225	TALYS-6a	0	[8]	22
Th-229(n,n'da)Fr-223	TALYS-6a	0	[8]	30
Th-229(n,2npa)Fr-223	TALYS-6a	0	[8]	29
Th-229(n,5np)Ac-224	TALYS-6a	0	[8]	15
Th-229(n,6np)Ac-223	TALYS-6a	0	[8]	12
Th-229(n,4na)Ra-222	TALYS-6a	0	[8]	29
Th-229(n,5na)Ra-221	TALYS-6a	0	[8]	22
Th-229(n,6na)Ra-220	TALYS-6a	0	[8]	16
Th-229(n,4nd)Ac-224	TALYS-6a	0	[8]	16
Th-229(n,5nd)Ac-223	TALYS-6a	0	[8]	13
Th-229(n,3nt)Ac-224	TALYS-6a	0	[8]	21
Th-229(n,4nt)Ac-223	TALYS-6a	0	[8]	16
Th-229(n,5nt)Ac-222g	TALYS-6a	0	[4,8]	12
Th-229(n,5nt)Ac-222m	TALYS-6a	0	[4,7,8,8]	12
Th-229(n,2nh)Ra-225	TALYS-6a	0	[8]	24
Th-229(n,3nh)Ra-224	TALYS-6a	0	[8]	19
Th-229(n,4nh)Ra-223	TALYS-6a	0	[8]	15
Th-229(n,3n2p)Ra-225	TALYS-6a	0	[8]	16
Th-229(n,3n2a)Rn-219	TALYS-6a	0	[8]	36
Th-229(n,3npa)Fr-222	TALYS-6a	0	[8]	23
Th-229(n,n'pd)Ra-226	TALYS-6a	0	[8]	23
Th-229(n,2n2p)Ra-226	TALYS-6a	0	[8]	22
Th-229(n,4n2p)Ra-224	TALYS-6a	0	[8]	14
Th-229(n,4n2a)Rn-218	TALYS-6a	0	[8]	27
Th-229(n,4npa)Fr-221	TALYS-6a	0	[8]	20
Th-230(n,2nd)Ac-227	TALYS-6a	0	[8]	28
+Th-230(n,2n)Th-229g	TALYS-5	0	[4]	51
+Th-230(n,2n)Th-229m	TALYS-5	0	[4,7,8]	51
Th-230(n,3n)Th-228	TALYS-5	0		37
Th-230(n,f)	JEF-2.2	4	[13,10,9,12,4]	93
Th-230(n,n'a)Ra-226	TALYS-6a	0		100
Th-230(n,2na)Ra-225	TALYS-6a	0	[8]	47
Th-230(n,3na)Ra-224	TALYS-6a	0	[8]	36
Th-230(n,n'p)Ac-229	TALYS-6a	0	[8]	44
Th-230(n,n'2a)Rn-222	TALYS-6a	0		100
Th-230(n,n'd)Ac-228	TALYS-6a	0	[8]	33
Th-230(n,n't)Ac-227	TALYS-6a	0	[8]	35
Th-230(n,n'h)Ra-227	TALYS-6a	0	[8]	28
Th-230(n,4n)Th-227	TALYS-6a	0		27
Th-230(n,2np)Ac-228	TALYS-6a	0	[8]	31
Th-230(n,3np)Ac-227	TALYS-6a	0	[8]	26
Th-230(n,n'2p)Ra-228	TALYS-6a	0	[8]	26
Th-230(n,n'pa)Fr-225	TALYS-6a	0	[8]	34
Th-230(n,g)Th-231	JENDL-3.3	4	[9,2,14]	11071
Th-230(n,p)Ac-230	TALYS-6a	0	[2,8]	68
Th-230(n,d)Ac-229	TALYS-6a	0	[8]	47
Th-230(n,t)Ac-228	TALYS-6a	0	[8]	45
Th-230(n,h)Ra-228	TALYS-6a	0	[8]	36
Th-230(n,a)Ra-227	TALYS-5	1		100
Th-230(n,2p)Ra-229	TALYS-6a	0	[8]	28
Th-230(n,pd)Ra-228	TALYS-6a	0	[8]	27
Th-230(n,da)Fr-225	TALYS-6a	0	[8]	36
Th-230(n,5n)Th-226	TALYS-6a	0		22
Th-230(n,6n)Th-225	TALYS-6a	0		16
Th-230(n,2nt)Ac-226	TALYS-6a	0	[8]	26
Th-230(n,ta)Fr-224	TALYS-6a	0	[8]	32
Th-230(n,4np)Ac-226	TALYS-6a	0	[8]	19
Th-230(n,3nd)Ac-226	TALYS-6a	0	[8]	21
Th-230(n,n'da)Fr-224	TALYS-6a	0	[8]	28
Th-230(n,2npa)Fr-224	TALYS-6a	0	[8]	27
Th-230(n,7n)Th-224	TALYS-6a	0		13
Th-230(n,5np)Ac-225	TALYS-6a	0	[8]	15
Th-230(n,6np)Ac-224	TALYS-6a	0	[8]	12
Th-230(n,4na)Ra-223	TALYS-6a	0	[8]	27
Th-230(n,5na)Ra-222	TALYS-6a	0	[8]	22
Th-230(n,6na)Ra-221	TALYS-6a	0	[8]	16
Th-230(n,7na)Ra-220	TALYS-6a	0	[8]	13
Th-230(n,4nd)Ac-225	TALYS-6a	0	[8]	16
Th-230(n,5nd)Ac-224	TALYS-6a	0	[8]	13
Th-230(n,6nd)Ac-223	TALYS-6a	0	[8]	10
Th-230(n,3nt)Ac-225	TALYS-6a	0	[8]	21
Th-230(n,4nt)Ac-224	TALYS-6a	0	[8]	15
Th-230(n,5nt)Ac-223	TALYS-6a	0	[8]	12
Th-230(n,2nh)Ra-226	TALYS-6a	0	[8]	23
Th-230(n,3nh)Ra-225	TALYS-6a	0	[8]	17
Th-230(n,4nh)Ra-224	TALYS-6a	0	[8]	14
Th-230(n,3n2p)Ra-226	TALYS-6a	0	[8]	16
Th-230(n,3n2a)Rn-220	TALYS-6a	0	[8]	33
Th-230(n,3npa)Fr-223	TALYS-6a	0	[8]	22
Th-230(n,n'pd)Ra-227	TALYS-6a	0	[8]	21
Th-230(n,n'ta)Fr-223	TALYS-6a	0	[8]	28
Th-230(n,2n2p)Ra-227	TALYS-6a	0	[8]	20
Th-230(n,4n2p)Ra-225	TALYS-6a	0	[8]	13
Th-230(n,4n2a)Rn-219	TALYS-6a	0	[8]	27
Th-230(n,4npa)Fr-222	TALYS-6a	0	[8]	16
Th-230(n,5n2p)Ra-224	TALYS-6a	0	[8]	10
Th-231(n,2nd)Ac-228	TALYS-6a	0	[8]	27
Th-231(n,2n)Th-230	TALYS-5	0		60
+Th-231(n,3n)Th-229g	TALYS-5	0	[4]	38
+Th-231(n,3n)Th-229m	TALYS-5	0	[4,7,8]	38
>Th-231(n,f)	JAERI	0	[7,11,12,3]	70
Th-231(n,n'a)Ra-227	TALYS-6a	0		100
Th-231(n,2na)Ra-226	TALYS-6a	0	[8]	54
Th-231(n,3na)Ra-225	TALYS-6a	0	[8]	36
Th-231(n,n'p)Ac-230	TALYS-6a	0	[8]	44
Th-231(n,n'2a)Rn-223	TALYS-6a	0		100
Th-231(n,2n2a)Rn-222	TALYS-6a	0		100
Th-231(n,n'd)Ac-229	TALYS-6a	0	[8]	36
Th-231(n,n't)Ac-228	TALYS-6a	0	[8]	35
Th-231(n,n'h)Ra-228	TALYS-6a	0	[8]	29
Th-231(n,4n)Th-228	TALYS-6a	0		29
Th-231(n,2np)Ac-229	TALYS-6a	0	[8]	33
Th-231(n,3np)Ac-228	TALYS-6a	0	[8]	26
Th-231(n,n'2p)Ra-229	TALYS-6a	0	[8]	25
>Th-231(n,g)Th-232	TALYS-5	0		100
Th-231(n,p)Ac-231	TALYS-6a	0	[2,8]	70
Th-231(n,d)Ac-230	TALYS-6a	0	[8]	47
Th-231(n,t)Ac-229	TALYS-6a	0	[8]	49
Th-231(n,h)Ra-229	TALYS-6a	0	[8]	31
Th-231(n,a)Ra-228	TALYS-6a	0	[2]	100
Th-231(n,2p)Ra-230	TALYS-6a	0	[8]	30
Th-231(n,pd)Ra-229	TALYS-6a	0	[8]	26
Th-231(n,5n)Th-227	TALYS-6a	0		22
Th-231(n,6n)Th-226	TALYS-6a	0		17
Th-231(n,2nt)Ac-227	TALYS-6a	0	[8]	28
Th-231(n,ta)Fr-225	TALYS-6a	0		100
Th-231(n,4np)Ac-227	TALYS-6a	0	[8]	21
Th-231(n,3nd)Ac-227	TALYS-6a	0	[8]	22
Th-231(n,n'da)Fr-225	TALYS-6a	0	[8]	29
Th-231(n,2npa)Fr-225	TALYS-6a	0	[8]	28
Th-231(n,7n)Th-225	TALYS-6a	0		13
Th-231(n,8n)Th-224	TALYS-6a	0		10
Th-231(n,5np)Ac-226	TALYS-6a	0	[8]	15
Th-231(n,6np)Ac-225	TALYS-6a	0	[8]	13
Th-231(n,7np)Ac-224	TALYS-6a	0	[8]	9
Th-231(n,4na)Ra-224	TALYS-6a	0	[8]	29
Th-231(n,5na)Ra-223	TALYS-6a	0	[8]	22
Th-231(n,6na)Ra-222	TALYS-6a	0	[8]	17
Th-231(n,7na)Ra-221	TALYS-6a	0	[8]	13
Th-231(n,4nd)Ac-226	TALYS-6a	0	[8]	16
Th-231(n,5nd)Ac-225	TALYS-6a	0	[8]	13
Th-231(n,6nd)Ac-224	TALYS-6a	0	[8]	10
Th-231(n,3nt)Ac-226	TALYS-6a	0	[8]	21
Th-231(n,4nt)Ac-225	TALYS-6a	0	[8]	16
Th-231(n,5nt)Ac-224	TALYS-6a	0	[8]	12
Th-231(n,6nt)Ac-223	TALYS-6a	0	[8]	10
Th-231(n,2nh)Ra-227	TALYS-6a	0	[8]	23

Reaction	Library		Value
Th-231(n,3nh)Ra-226	TALYS-6a	0 [8]	18
Th-231(n,4nh)Ra-225	TALYS-6a	0 [8]	14
Th-231(n,3n2p)Ra-227	TALYS-6a	0 [8]	16
Th-231(n,3npa)Fr-224	TALYS-6a	0 [8]	22
Th-231(n,n'pd)Ra-228	TALYS-6a	0 [8]	22
Th-231(n,n'ta)Fr-224	TALYS-6a	0 [8]	26
Th-231(n,2n2p)Ra-228	TALYS-6a	0 [8]	21
Th-231(n,4n2p)Ra-226	TALYS-6a	0 [8]	13
Th-231(n,4n2a)Rn-220	TALYS-6a	0 [8]	27
Th-231(n,4npa)Fr-223	TALYS-6a	0 [8]	16
Th-231(n,5n2p)Ra-225	TALYS-6a	0 [8]	10
Th-232(n,2nd)Ac-229	TALYS-6a	0 [8]	27
Th-232(n,2n)Th-231	TALYS-5a	4	53
Th-232(n,3n)Th-230	TALYS-5a	2	38
Th-232(n,f)	JENDL-3.3	6 [7,12,12,3]	15388
Th-232(n,n'a)Ra-228	TALYS-6a	0	100
Th-232(n,2na)Ra-227	TALYS-6a	0 [8]	45
Th-232(n,3na)Ra-226	TALYS-6a	0 [8]	36
Th-232(n,n'p)Ac-231	TALYS-6a	0 [8]	42
Th-232(n,n'2a)Rn-224	TALYS-6a	0	100
Th-232(n,2n2a)Rn-223	TALYS-6a	0 [7]	100
Th-232(n,n'd)Ac-230	TALYS-6a	0 [8]	33
Th-232(n,n't)Ac-229	TALYS-6a	0 [8]	35
Th-232(n,n'h)Ra-229	TALYS-6a	0 [8]	27
+Th-232(n,4n)Th-229g	TALYS-6a	0 [4]	28
+Th-232(n,4n)Th-229m	TALYS-6a	0 [4,7,8]	28
Th-232(n,2np)Ac-230	TALYS-6a	0 [8]	31
Th-232(n,3np)Ac-229	TALYS-6a	0 [8]	26
Th-232(n,n'2p)Ra-230	TALYS-6a	0 [8]	24
Th-232(n,n'pa)Fr-227	TALYS-6a	0 [8]	31
Th-232(n,g)Th-233	ENDF/B-VI.7	4 [13]	22340
Th-232(n,p)Ac-232	TALYS-6a	0 [2,8]	62
Th-232(n,d)Ac-231	TALYS-6a	0 [8]	45
Th-232(n,t)Ac-230	TALYS-6a	0 [8]	45
Th-232(n,h)Ra-230	TALYS-6a	0 [8]	34
Th-232(n,a)Ra-229	TALYS-5	2 [9,3]	41322
Th-232(n,2p)Ra-231	TALYS-6a	0 [8,7,8]	28
Th-232(n,pd)Ra-230	TALYS-6a	0 [8]	25
Th-232(n,5n)Th-228	TALYS-6a	0	23
Th-232(n,6n)Th-227	TALYS-6a	0	16
Th-232(n,2nt)Ac-228	TALYS-6a	0 [8]	26
Th-232(n,4np)Ac-228	TALYS-6a	0 [8]	19
Th-232(n,3nd)Ac-228	TALYS-6a	0 [8]	21
Th-232(n,7n)Th-226	TALYS-6a	0	13
Th-232(n,8n)Th-225	TALYS-6a	0	10
Th-232(n,5np)Ac-227	TALYS-6a	0 [8]	15
Th-232(n,6np)Ac-226	TALYS-6a	0 [8]	12
Th-232(n,7np)Ac-225	TALYS-6a	0 [8]	9
Th-232(n,4na)Ra-225	TALYS-6a	0 [8]	27
Th-232(n,5na)Ra-224	TALYS-6a	0 [8]	22
Th-232(n,6na)Ra-223	TALYS-6a	0 [8]	16
Th-232(n,7na)Ra-222	TALYS-6a	0 [8]	13
Th-232(n,4nd)Ac-227	TALYS-6a	0 [8]	16
Th-232(n,5nd)Ac-226	TALYS-6a	0 [8]	13
Th-232(n,6nd)Ac-225	TALYS-6a	0 [8]	10
Th-232(n,3nt)Ac-227	TALYS-6a	0 [8]	21
Th-232(n,4nt)Ac-226	TALYS-6a	0 [8]	15
Th-232(n,5nt)Ac-225	TALYS-6a	0 [8]	13
Th-232(n,6nt)Ac-224	TALYS-6a	0 [8]	9
Th-232(n,2nh)Ra-228	TALYS-6a	0 [8]	23
Th-232(n,3nh)Ra-227	TALYS-6a	0 [8]	17
Th-232(n,4nh)Ra-226	TALYS-6a	0 [8]	14
Th-232(n,3n2p)Ra-228	TALYS-6a	0 [8]	15
Th-232(n,3n2a)Rn-222	TALYS-6a	0 [8]	28
Th-232(n,3npa)Fr-225	TALYS-6a	0 [8]	20
Th-232(n,n'pd)Ra-229	TALYS-6a	0 [8]	20
Th-232(n,n'ta)Fr-225	TALYS-6a	0 [8]	27
Th-232(n,2n2p)Ra-229	TALYS-6a	0 [8]	19
Th-232(n,4n2p)Ra-227	TALYS-6a	0 [8]	12
Th-232(n,4npa)Fr-224	TALYS-6a	0 [8]	16
Th-232(n,5n2p)Ra-226	TALYS-6a	0 [8]	10
Th-234(n,2nd)Ac-231	TALYS-6a	0 [8]	27
Th-234(n,2n)Th-233	TALYS-5	0	54
Th-234(n,3n)Th-232	TALYS-5	0	39
Th-234(n,f)	JENDL-3.1	2 [13,4]	53
Th-234(n,n'a)Ra-230	TALYS-6a	0	100
Th-234(n,2na)Ra-229	TALYS-6a	0 [8]	44
Th-234(n,3na)Ra-228	TALYS-6a	0 [8]	35
Th-234(n,n'p)Ac-233	TALYS-6a	0 [8,7,8]	41
Th-234(n,2n2a)Rn-225	TALYS-6a	0 [7]	100
Th-234(n,n'd)Ac-232	TALYS-6a	0 [8]	32
Th-234(n,n't)Ac-231	TALYS-6a	0 [8]	34
Th-234(n,n'h)Ra-231	TALYS-6a	0 [8,7,8]	26
Th-234(n,4n)Th-231	TALYS-6a	0	29
Th-234(n,2np)Ac-232	TALYS-6a	0 [8]	31
Th-234(n,3np)Ac-231	TALYS-6a	0 [8]	26
Th-234(n,g)Th-235	JENDL-3.1	2 [14,13]	76
Th-234(n,p)Ac-234	TALYS-6a	0 [2,8,7,8]	57
Th-234(n,d)Ac-233	TALYS-6a	0 [8,7,8]	43
Th-234(n,t)Ac-232	TALYS-6a	0 [8]	44
Th-234(n,a)Ra-231	TALYS-6a	0 [7,2]	100
Th-234(n,5n)Th-230	TALYS-6a	0	24
+Th-234(n,6n)Th-229g	TALYS-6a	0 [4]	17
+Th-234(n,6n)Th-229m	TALYS-6a	0 [4,7,8]	17
Th-234(n,2nt)Ac-230	TALYS-6a	0 [8]	27
Th-234(n,4np)Ac-230	TALYS-6a	0 [8]	20
Th-234(n,3nd)Ac-230	TALYS-6a	0 [8]	21
Th-234(n,7n)Th-228	TALYS-6a	0	14
Th-234(n,8n)Th-227	TALYS-6a	0	11
Th-234(n,5np)Ac-229	TALYS-6a	0 [8]	16
Th-234(n,6np)Ac-228	TALYS-6a	0 [8]	12
Th-234(n,7np)Ac-227	TALYS-6a	0 [8]	10
Th-234(n,4na)Ra-227	TALYS-6a	0 [8]	27
Th-234(n,5na)Ra-226	TALYS-6a	0 [8]	22
Th-234(n,6na)Ra-225	TALYS-6a	0 [8]	16
Th-234(n,7na)Ra-224	TALYS-6a	0 [8]	13
Th-234(n,4nd)Ac-229	TALYS-6a	0 [8]	16
Th-234(n,5nd)Ac-228	TALYS-6a	0 [8]	13
Th-234(n,6nd)Ac-227	TALYS-6a	0 [8]	11
Th-234(n,3nt)Ac-229	TALYS-6a	0 [8]	21
Th-234(n,4nt)Ac-228	TALYS-6a	0 [8]	16
Th-234(n,5nt)Ac-227	TALYS-6a	0 [8]	13
Th-234(n,6nt)Ac-226	TALYS-6a	0 [8]	10
Th-234(n,2nh)Ra-230	TALYS-6a	0 [8]	22
Th-234(n,3nh)Ra-229	TALYS-6a	0 [8]	16
Th-234(n,4nh)Ra-228	TALYS-6a	0 [8]	14
Th-234(n,3n2p)Ra-230	TALYS-6a	0 [8]	15
Th-234(n,3n2a)Rn-224	TALYS-6a	0 [8,7,8]	22
Th-234(n,3npa)Fr-225	TALYS-6a	0 [8]	19
Th-234(n,n'pd)Ra-231	TALYS-6a	0 [8,7,8]	19
Th-234(n,2n2p)Ra-231	TALYS-6a	0 [8,7,8]	18
Th-234(n,4n2p)Ra-229	TALYS-6a	0 [8]	12
Th-234(n,4n2a)Rn-223	TALYS-6a	0 [8,7,8]	16
Th-234(n,4npa)Fr-226	TALYS-6a	0 [8,7,8]	15
Th-234(n,5n2p)Ra-228	TALYS-6a	0 [8]	10
Pa-228(n,2nd)Th-225	TALYS-6a	0 [8,7,8]	29
Pa-228(n,2n)Pa-227	TALYS-5	0 [7,8,4]	55
Pa-228(n,3n)Pa-226	TALYS-5	0 [7,8]	35
>Pa-228(n,f)	ESTIMATE	0 [7,3,3,12,3]	18
Pa-228(n,n'a)Ac-224	TALYS-6a	0 [10]	100
Pa-228(n,n'3a)At-216	TALYS-6a	0	100
Pa-228(n,2na)Ac-223	TALYS-6a	0 [7]	100
Pa-228(n,3na)Ac-222g	TALYS-6a	0 [4,8,7,8]	37
Pa-228(n,3na)Ac-222m	TALYS-6a	0 [4,7,8,8]	36
Pa-228(n,n'p)Th-227	TALYS-6a	0 [8,7,8]	57
Pa-228(n,n'2a)Fr-220	TALYS-6a	0 [10]	100
Pa-228(n,2n2a)Fr-219	TALYS-6a	0	100
Pa-228(n,n'd)Th-226	TALYS-6a	0 [8,7,8]	41
Pa-228(n,n't)Th-225	TALYS-6a	0 [8,7,8]	39
Pa-228(n,n'h)Ac-225	TALYS-6a	0 [8,7,8]	31
Pa-228(n,n'd2a)Rn-218	TALYS-6a	0	100
Pa-228(n,n't2a)Rn-217	TALYS-6a	0	100
Pa-228(n,2np)Th-226	TALYS-6a	0 [8,7,8]	39
Pa-228(n,3np)Th-225	TALYS-6a	0 [8,7,8]	28
Pa-228(n,n'2p)Ac-226	TALYS-6a	0 [8,7,8]	29
Pa-228(n,n'pa)Ra-223	TALYS-6a	0	100
>Pa-228(n,g)Pa-229	TALYS-5	0	100
Pa-228(n,p)Th-228	TALYS-6a	0 [2]	100
Pa-228(n,d)Th-227	TALYS-6a	0 [8,7,8]	62
Pa-228(n,t)Th-226	TALYS-6a	0 [8,7,8]	64
Pa-228(n,h)Ac-226	TALYS-6a	0 [8,7,8]	41
Pa-228(n,a)Ac-225	TALYS-6a	0 [2]	100
Pa-228(n,2a)Fr-221	TALYS-6a	0 [10]	100
Pa-228(n,2p)Ac-227	TALYS-6a	0 [8,7,8]	40
Pa-228(n,pa)Ra-224	TALYS-6a	0	100
Pa-228(n,pd)Ac-226	TALYS-6a	0 [8,7,8]	30
Pa-228(n,da)Ra-223	TALYS-6a	0	100
Pa-228(n,2nt)Th-224	TALYS-6a	0 [8,7,8]	29
Pa-228(n,ta)Ra-222	TALYS-6a	0	100
Pa-228(n,4np)Th-224	TALYS-6a	0 [8,7,8]	22
Pa-228(n,3nd)Th-224	TALYS-6a	0 [8,7,8]	23
Pa-228(n,n'da)Ra-222	TALYS-6a	0 [8,7,8]	40
Pa-228(n,2npa)Ra-222	TALYS-6a	0 [8,7,8]	38
Pa-228(n,2nh)Ac-224	TALYS-6a	0 [8,7,8]	25
Pa-228(n,3nh)Ac-223	TALYS-6a	0 [8,7,8]	19
+Pa-228(n,3n2a)Fr-218g	TALYS-6a	0 [4]	100
+Pa-228(n,3n2a)Fr-218m	TALYS-6a	0 [7,4,7]	100
Pa-228(n,3npa)Ra-221	TALYS-6a	0 [8,7,8]	27
Pa-228(n,n'pd)Ac-225	TALYS-6a	0 [8,7,8]	25
Pa-228(n,n'ta)Ra-221	TALYS-6a	0 [8,7,8]	37
Pa-228(n,2n2p)Ac-225	TALYS-6a	0 [8,7,8]	24
Pa-228(n,ha)Fr-222	TALYS-6a	0	100
Pa-228(n,4npa)Ra-220	TALYS-6a	0 [8,7,8]	21
Pa-229(n,2nd)Th-226	TALYS-6a	0 [8]	29
>Pa-229(n,2n)Pa-228	TALYS-5	0 [7,8,4]	50
>Pa-229(n,3n)Pa-227	TALYS-5	0 [4]	35
>Pa-229(n,f)	JAERI(MDF)	0 [13,4,7,3]	70
Pa-229(n,n'a)Ac-225	TALYS-6a	0	100
Pa-229(n,n'3a)At-217	TALYS-6a	0	100
Pa-229(n,2na)Ac-224	TALYS-6a	0 [8]	52
Pa-229(n,3na)Ac-223	TALYS-6a	0 [8]	36
Pa-229(n,n'p)Th-228	TALYS-6a	0 [8]	57
Pa-229(n,n'2a)Fr-221	TALYS-6a	0	100
Pa-229(n,2n2a)Fr-220	TALYS-6a	0	100
Pa-229(n,n'd)Th-227	TALYS-6a	0 [8]	38
Pa-229(n,n't)Th-226	TALYS-6a	0 [8]	39
Pa-229(n,n'h)Ac-226	TALYS-6a	0 [8]	30
Pa-229(n,n't2a)Rn-218	TALYS-6a	0	100
Pa-229(n,2np)Th-227	TALYS-6a	0 [8]	35
Pa-229(n,3np)Th-226	TALYS-6a	0 [8]	28
Pa-229(n,n'2p)Ac-227	TALYS-6a	0 [8]	29
Pa-229(n,n'pa)Ra-224	TALYS-6a	0	100
>Pa-229(n,g)Pa-230	TALYS-6a	0	100
+Pa-229(n,p)Th-229g	TALYS-6a	0 [4]	100
+Pa-229(n,p)Th-229m	TALYS-6a	0 [4,7]	100
Pa-229(n,d)Th-228	TALYS-6a	0 [8]	63
Pa-229(n,t)Th-227	TALYS-6a	0 [8]	55
Pa-229(n,h)Ac-227	TALYS-6a	0 [8]	41
Pa-229(n,a)Ac-226	TALYS-6a	0 [2]	100
Pa-229(n,2a)Fr-222	TALYS-6a	0 [10]	100
Pa-229(n,2p)Ac-228	TALYS-6a	0 [8]	34
Pa-229(n,pa)Ra-225	TALYS-6a	0	100
Pa-229(n,pd)Ac-227	TALYS-6a	0 [8]	30
Pa-229(n,da)Ra-224	TALYS-6a	0	100
Pa-229(n,2nt)Th-225	TALYS-6a	0 [8]	28
Pa-229(n,ta)Ra-223	TALYS-6a	0	100
Pa-229(n,4np)Th-225	TALYS-6a	0 [8]	21
Pa-229(n,3nd)Th-225	TALYS-6a	0 [8]	22
Pa-229(n,n'da)Ra-223	TALYS-6a	0 [8]	36
Pa-229(n,2npa)Ra-223	TALYS-6a	0 [8]	34
Pa-229(n,5np)Th-224	TALYS-6a	0 [8]	15
Pa-229(n,4na)Ac-222g	TALYS-6a	0 [4,8,7,8]	27
Pa-229(n,4na)Ac-222m	TALYS-6a	0 [4,7,8,8]	27
Pa-229(n,4nd)Th-224	TALYS-6a	0 [8]	16
Pa-229(n,3nt)Th-224	TALYS-6a	0 [8]	22

Reaction	Library	Code	Refs	Value
Pa-229(n,2nh)Ac-225	TALYS-6a	0	[8]	25
Pa-229(n,3nh)Ac-224	TALYS-6a	0	[8]	18
Pa-229(n,4nh)Ac-223	TALYS-6a	0	[8]	14
Pa-229(n,3n2p)Ac-225	TALYS-6a	0	[8]	17
Pa-229(n,3n2a)Fr-219	TALYS-6a	0		100
Pa-229(n,3npa)Ra-222	TALYS-6a	0	[8]	27
Pa-229(n,n'pd)Ac-226	TALYS-6a	0	[8]	23
Pa-229(n,n'ta)Ra-222	TALYS-6a	0	[8]	36
Pa-229(n,2n2p)Ac-226	TALYS-6a	0	[8]	22
Pa-229(n,ha)Fr-223	TALYS-6a	0		100
+Pa-229(n,4n2a)Fr-218g	TALYS-6a	0	[4,8]	26
+Pa-229(n,4n2a)Fr-218m	TALYS-6a	0	[4,7,8,8]	25
Pa-229(n,4npa)Ra-221	TALYS-6a	0	[8]	20
Pa-229(n,3n2pa)Fr-221	TALYS-6a	0	[8]	15
Pa-230(n,2nd)Th-227	TALYS-6a	0	[8]	29
>Pa-230(n,2n)Pa-229	TALYS-6a	0	[4]	56
>Pa-230(n,3n)Pa-228	TALYS-6a	0	[7,8,4]	36
Pa-230(n,f)	JAERI(MDF)	2	[13,12,4,7]	118
Pa-230(n,n'a)Ac-226	TALYS-6a	0		100
Pa-230(n,2na)Ac-225	TALYS-6a	0		100
Pa-230(n,3na)Ac-224	TALYS-6a	0	[8]	36
+Pa-230(n,n'p)Th-229g	TALYS-6a	0	[4,8]	54
+Pa-230(n,n'p)Th-229m	TALYS-6a	0	[4,7,8,8]	54
Pa-230(n,n'2a)Fr-222	TALYS-6a	0		100
Pa-230(n,2n2a)Fr-221	TALYS-6a	0		100
Pa-230(n,n'd)Th-228	TALYS-6a	0	[8]	40
Pa-230(n,n't)Th-227	TALYS-6a	0	[8]	38
Pa-230(n,n'h)Ac-227	TALYS-6a	0	[8]	30
Pa-230(n,2np)Th-228	TALYS-6a	0	[8]	38
Pa-230(n,3np)Th-227	TALYS-6a	0	[8]	28
Pa-230(n,n'2p)Ac-228	TALYS-6a	0	[8]	27
Pa-230(n,n'pa)Ra-225	TALYS-6a	0		100
>Pa-230(n,g)Pa-231	TALYS-6a	0		100
Pa-230(n,p)Th-230	TALYS-6a	0	[2]	100
+Pa-230(n,d)Th-229g	TALYS-6a	0	[4,8]	59
+Pa-230(n,d)Th-229m	TALYS-6a	0	[4,7,8,8]	59
Pa-230(n,t)Th-228	TALYS-6a	0	[8]	63
Pa-230(n,h)Ac-228	TALYS-6a	0	[8]	38
Pa-230(n,a)Ac-227	TALYS-6a	0	[2]	100
Pa-230(n,2a)Fr-223	TALYS-6a	0	[10]	100
Pa-230(n,2p)Ac-229	TALYS-6a	0	[8]	35
Pa-230(n,pd)Ac-228	TALYS-6a	0	[8]	28
Pa-230(n,da)Ra-225	TALYS-6a	0		100
Pa-230(n,ta)Ra-224	TALYS-6a	0		100
Pa-230(n,4np)Th-226	TALYS-6a	0	[8]	22
Pa-230(n,3nd)Th-226	TALYS-6a	0	[8]	23
Pa-230(n,n'da)Ra-224	TALYS-6a	0	[8]	34
Pa-230(n,2npa)Ra-224	TALYS-6a	0	[8]	32
Pa-230(n,5np)Th-225	TALYS-6a	0	[8]	16
Pa-230(n,4na)Ac-223	TALYS-6a	0	[8]	28
Pa-230(n,5na)Ac-222g	TALYS-6a	0	[4,8]	21
Pa-230(n,5na)Ac-222m	TALYS-6a	0	[4,7,8,8]	21
Pa-230(n,4nd)Th-225	TALYS-6a	0	[8]	16
Pa-230(n,5nd)Th-224	TALYS-6a	0	[8]	13
Pa-230(n,3nt)Th-225	TALYS-6a	0	[8]	22
Pa-230(n,4nt)Th-224	TALYS-6a	0	[8]	16
Pa-230(n,2nh)Ac-226	TALYS-6a	0	[8]	24
Pa-230(n,3nh)Ac-225	TALYS-6a	0	[8]	19
Pa-230(n,4nh)Ac-224	TALYS-6a	0	[8]	14
Pa-230(n,3n2p)Ac-226	TALYS-6a	0	[8]	16
Pa-230(n,3n2a)Fr-220	TALYS-6a	0	[8]	36
Pa-230(n,3npa)Ra-223	TALYS-6a	0	[8]	26
Pa-230(n,n'pd)Ac-227	TALYS-6a	0	[8]	24
Pa-230(n,n'ta)Ra-223	TALYS-6a	0	[8]	34
Pa-230(n,2n2p)Ac-227	TALYS-6a	0	[8]	23
Pa-230(n,4n2a)Fr-219	TALYS-6a	0	[8]	28
Pa-230(n,4npa)Ra-222	TALYS-6a	0	[8]	21
Pa-231(n,2nd)Th-228	TALYS-6a	0	[8]	29
Pa-231(n,2n)Pa-230	TALYS-5	0		51
Pa-231(n,3n)Pa-229	TALYS-5	0		36
Pa-231(n,f)	MASLOV	6	[13,3]	4322
Pa-231(n,n'a)Ac-227	TALYS-6a	0		100
Pa-231(n,2na)Ac-226	TALYS-6a	0	[8]	48
Pa-231(n,3na)Ac-225	TALYS-6a	0	[8]	36
Pa-231(n,n'p)Th-230	TALYS-6a	0	[8]	53
Pa-231(n,n'2a)Fr-223	TALYS-6a	0		100
Pa-231(n,2n2a)Fr-222	TALYS-6a	0		100
+Pa-231(n,n'd)Th-229g	TALYS-6a	0	[4,8]	37
+Pa-231(n,n'd)Th-229m	TALYS-6a	0	[4,7,8,8]	37
Pa-231(n,n't)Th-228	TALYS-6a	0	[8]	39
Pa-231(n,n'h)Ac-228	TALYS-6a	0	[8]	28
+Pa-231(n,2np)Th-229g	TALYS-6a	0	[4,8]	35
+Pa-231(n,2np)Th-229m	TALYS-6a	0	[4,7,8,8]	35
Pa-231(n,3np)Th-228	TALYS-6a	0	[8]	28
Pa-231(n,n'2p)Ac-229	TALYS-6a	0	[8]	26
Pa-231(n,n'pa)Ra-226	TALYS-6a	0		100
Pa-231(n,g)Pa-232	JENDL-3.2	4	[5,9,2]	13556
Pa-231(n,p)Th-231	TALYS-6a	0	[2]	100
Pa-231(n,d)Th-230	TALYS-6a	0	[8]	60
+Pa-231(n,t)Th-229g	TALYS-6a	0	[4,8]	54
+Pa-231(n,t)Th-229m	TALYS-6a	0	[4,7,8,8]	54
Pa-231(n,h)Ac-229	TALYS-6a	0	[8]	37
Pa-231(n,a)Ac-228	TALYS-6a	0	[2]	100
Pa-231(n,2a)Fr-224	TALYS-6a	0		100
Pa-231(n,2p)Ac-230	TALYS-6a	0	[8]	31
Pa-231(n,pa)Ra-227	TALYS-6a	0		100
Pa-231(n,pd)Ac-229	TALYS-6a	0	[8]	27
Pa-231(n,2nt)Th-227	TALYS-6a	0	[8]	28
Pa-231(n,4np)Th-227	TALYS-6a	0	[8]	21
Pa-231(n,3nd)Th-227	TALYS-6a	0	[8]	22
Pa-231(n,2npa)Ra-225	TALYS-6a	0	[8]	29
Pa-231(n,5np)Th-226	TALYS-6a	0	[8]	16
Pa-231(n,6np)Th-225	TALYS-6a	0	[8]	12
Pa-231(n,4na)Ac-224	TALYS-6a	0	[8]	27
Pa-231(n,5na)Ac-223	TALYS-6a	0	[8]	21
Pa-231(n,6na)Ac-222g	TALYS-6a	0	[4,8]	15
Pa-231(n,6na)Ac-222m	TALYS-6a	0	[4,7,8,8]	15
Pa-231(n,4nd)Th-226	TALYS-6a	0	[8]	16
Pa-231(n,5nd)Th-225	TALYS-6a	0	[8]	13
Pa-231(n,3nt)Th-226	TALYS-6a	0	[8]	22
Pa-231(n,4nt)Th-225	TALYS-6a	0	[8]	16
Pa-231(n,5nt)Th-224	TALYS-6a	0	[8]	12
Pa-231(n,2nh)Ac-227	TALYS-6a	0	[8]	24
Pa-231(n,3nh)Ac-226	TALYS-6a	0	[8]	17
Pa-231(n,4nh)Ac-225	TALYS-6a	0	[8]	14
Pa-231(n,3n2p)Ac-227	TALYS-6a	0	[8]	16
Pa-231(n,3n2a)Fr-221	TALYS-6a	0	[8]	32
Pa-231(n,3npa)Ra-224	TALYS-6a	0	[8]	24
Pa-231(n,n'pd)Ac-228	TALYS-6a	0	[8]	22
Pa-231(n,n'ta)Ra-224	TALYS-6a	0	[8]	31
Pa-231(n,2n2p)Ac-228	TALYS-6a	0	[8]	21
Pa-231(n,4n2p)Ac-226	TALYS-6a	0	[8]	13
Pa-231(n,4n2a)Fr-220	TALYS-6a	0	[8]	27
Pa-231(n,4npa)Ra-223	TALYS-6a	0	[8]	19
Pa-231(n,3n2pa)Fr-223	TALYS-6a	0	[8]	13
+Pa-232(n,2nd)Th-229g	TALYS-6a	0	[4,8]	29
+Pa-232(n,2nd)Th-229m	TALYS-6a	0	[4,7,8,8]	29
Pa-232(n,2n)Pa-231	TALYS-5	0		58
Pa-232(n,3n)Pa-230	TALYS-5	0		37
Pa-232(n,f)	ENDF/B-VII.2	4	[13,12,3]	1532
Pa-232(n,n'a)Ac-228	TALYS-6a	0		100
Pa-232(n,2na)Ac-227	TALYS-6a	0	[8]	53
Pa-232(n,3na)Ac-226	TALYS-6a	0	[8]	35
Pa-232(n,n'p)Th-231	TALYS-6a	0	[8]	51
Pa-232(n,n'2a)Fr-224	TALYS-6a	0		100
Pa-232(n,2n2a)Fr-223	TALYS-6a	0		100
Pa-232(n,n'd)Th-230	TALYS-6a	0	[8]	40
+Pa-232(n,n't)Th-229g	TALYS-6a	0	[4,8]	38
+Pa-232(n,n't)Th-229m	TALYS-6a	0	[4,7,8,8]	38
Pa-232(n,n'h)Ac-229	TALYS-6a	0	[8]	29
Pa-232(n,4n)Pa-229	TALYS-6a	0		28
Pa-232(n,2np)Th-230	TALYS-6a	0	[8]	37
+Pa-232(n,3np)Th-229g	TALYS-6a	0	[4,8]	28
+Pa-232(n,3np)Th-229m	TALYS-6a	0	[4,7,8,8]	28
Pa-232(n,n'2p)Ac-230	TALYS-6a	0	[8]	26
Pa-232(n,n'pa)Ra-227	TALYS-6a	0	[8]	37
Pa-232(n,g)Pa-233	JENDL-3.1	2	[14,13,12,16]	121
Pa-232(n,p)Th-232	TALYS-6a	0	[2]	100
Pa-232(n,d)Th-231	TALYS-6a	0	[8]	57
Pa-232(n,t)Th-230	TALYS-6a	0	[8]	61
Pa-232(n,h)Ac-230	TALYS-6a	0	[8]	36
Pa-232(n,a)Ac-229	TALYS-6a	0	[2]	100
Pa-232(n,2a)Fr-225	TALYS-6a	0	[10]	100
Pa-232(n,2p)Ac-231	TALYS-6a	0	[8]	31
Pa-232(n,pa)Ra-228	TALYS-6a	0		100
Pa-232(n,pd)Ac-230	TALYS-6a	0	[8]	28
Pa-232(n,da)Ra-227	TALYS-6a	0		100
Pa-232(n,2nt)Th-228	TALYS-6a	0	[8]	29
Pa-232(n,4np)Th-228	TALYS-6a	0	[8]	22
Pa-232(n,3nd)Th-228	TALYS-6a	0	[8]	23
Pa-232(n,2npa)Ra-226	TALYS-6a	0	[8]	30
Pa-232(n,5np)Th-227	TALYS-6a	0	[8]	16
Pa-232(n,6np)Th-226	TALYS-6a	0	[8]	13
Pa-232(n,4na)Ac-225	TALYS-6a	0	[8]	28
Pa-232(n,5na)Ac-224	TALYS-6a	0	[8]	21
Pa-232(n,6na)Ac-223	TALYS-6a	0	[8]	16
Pa-232(n,7na)Ac-222g	TALYS-6a	0	[4,8]	12
Pa-232(n,7na)Ac-222m	TALYS-6a	0	[4,7,8,8]	12
Pa-232(n,5nd)Th-227	TALYS-6a	0	[8]	16
Pa-232(n,3nt)Th-227	TALYS-6a	0	[8]	22
Pa-232(n,4nt)Th-226	TALYS-6a	0	[8]	16
Pa-232(n,5nt)Th-225	TALYS-6a	0	[8]	13
Pa-232(n,2nh)Ac-228	TALYS-6a	0	[8]	23
Pa-232(n,3nh)Ac-227	TALYS-6a	0	[8]	18
Pa-232(n,4nh)Ac-226	TALYS-6a	0	[8]	14
Pa-232(n,3n2p)Ac-228	TALYS-6a	0	[8]	16
Pa-232(n,3n2a)Fr-222	TALYS-6a	0	[8]	29
Pa-232(n,3npa)Ra-225	TALYS-6a	0	[8]	23
Pa-232(n,n'pd)Ac-229	TALYS-6a	0	[8]	23
Pa-232(n,2n2p)Ac-229	TALYS-6a	0	[8]	21
Pa-232(n,4n2p)Ac-227	TALYS-6a	0	[8]	14
Pa-232(n,4n2a)Fr-221	TALYS-6a	0	[8]	28
Pa-232(n,4npa)Ra-224	TALYS-6a	0	[8]	19
Pa-233(n,2nd)Th-230	TALYS-6a	0	[8]	29
Pa-233(n,2n)Pa-232	TALYS-5	0	[4]	53
Pa-233(n,3n)Pa-231	TALYS-5	0		37
Pa-233(n,f)	JEF-2.2	3	[13,11,4]	141
Pa-233(n,n'a)Ac-229	TALYS-6a	0		100
Pa-233(n,2na)Ac-228	TALYS-6a	0	[8]	46
Pa-233(n,3na)Ac-227	TALYS-6a	0	[8]	35
Pa-233(n,n'p)Th-232	TALYS-6a	0	[8]	50
Pa-233(n,n'2a)Fr-225	TALYS-6a	0		100
Pa-233(n,2n2a)Fr-224	TALYS-6a	0		100
Pa-233(n,n'd)Th-231	TALYS-6a	0	[8]	37
Pa-233(n,n't)Th-230	TALYS-6a	0	[8]	39
Pa-233(n,n'h)Ac-230	TALYS-6a	0	[8]	28
Pa-233(n,4n)Pa-230	TALYS-6a	0		28
Pa-233(n,2np)Th-231	TALYS-6a	0	[8]	34
Pa-233(n,3np)Th-230	TALYS-6a	0	[8]	28
Pa-233(n,n'2p)Ac-231	TALYS-6a	0	[8]	25
Pa-233(n,g)Pa-234g	JENDL-3.3	2	[5,9,2,4,6]	3916
Pa-233(n,g)Pa-234m	JENDL-3.3	2	[5,9,2,4,6]	3916
Pa-233(n,p)Th-233	TALYS-6a	0	[2,8]	75
Pa-233(n,d)Th-232	TALYS-6a	0	[8]	57
Pa-233(n,t)Th-231	TALYS-6a	0	[8]	54
Pa-233(n,h)Ac-231	TALYS-6a	0	[8]	36
Pa-233(n,a)Ac-230	TALYS-6a	0	[2]	100
Pa-233(n,2p)Ac-232	TALYS-6a	0	[8]	29
Pa-233(n,pa)Ra-229	TALYS-6a	0		100
Pa-233(n,pd)Ac-231	TALYS-6a	0	[8]	26
Pa-233(n,5n)Pa-229	TALYS-6a	0		22
+Pa-233(n,2nt)Th-229g	TALYS-6a	0	[4,8]	28
+Pa-233(n,2nt)Th-229m	TALYS-6a	0	[4,7,8,8]	28
Pa-233(n,ta)Ra-227	TALYS-6a	0		100
+Pa-233(n,4np)Th-229g	TALYS-6a	0	[4,8]	21

+Pa-233(n,4np)Th-229m	TALYS-6a	0 [4,7,8,8]	21
+Pa-233(n,3nd)Th-229g	TALYS-6a	0 [4,8]	22
+Pa-233(n,3nd)Th-229m	TALYS-6a	0 [4,7,8,8]	22
Pa-233(n,n'da)Ra-227	TALYS-6a	0 [8]	29
Pa-233(n,2npa)Ra-227	TALYS-6a	0 [8]	28
Pa-233(n,5np)Th-228	TALYS-6a	0 [8]	16
Pa-233(n,6np)Th-227	TALYS-6a	0 [8]	12
Pa-233(n,7np)Th-226	TALYS-6a	0 [8]	10
Pa-233(n,4na)Ac-226	TALYS-6a	0 [8]	27
Pa-233(n,5na)Ac-225	TALYS-6a	0 [8]	21
Pa-233(n,6na)Ac-224	TALYS-6a	0 [8]	16
Pa-233(n,7na)Ac-223	TALYS-6a	0 [8]	13
Pa-233(n,4nd)Th-228	TALYS-6a	0 [8]	17
Pa-233(n,5nd)Th-227	TALYS-6a	0 [8]	13
Pa-233(n,6nd)Th-226	TALYS-6a	0 [8]	10
Pa-233(n,3nt)Th-228	TALYS-6a	0 [8]	22
Pa-233(n,4nt)Th-227	TALYS-6a	0 [8]	16
Pa-233(n,5nt)Th-226	TALYS-6a	0 [8]	13
Pa-233(n,6nt)Th-225	TALYS-6a	0 [8]	9
Pa-233(n,2nh)Ac-229	TALYS-6a	0 [8]	23
Pa-233(n,3nh)Ac-228	TALYS-6a	0 [8]	17
Pa-233(n,4nh)Ac-227	TALYS-6a	0 [8]	14
Pa-233(n,3n2p)Ac-229	TALYS-6a	0 [8]	16
Pa-233(n,3n2a)Fr-223	TALYS-6a	0 [8]	28
Pa-233(n,3npa)Ra-226	TALYS-6a	0 [8]	23
Pa-233(n,n'pd)Ac-230	TALYS-6a	0 [8]	21
Pa-233(n,2n2p)Ac-230	TALYS-6a	0 [8]	20
Pa-233(n,4n2p)Ac-228	TALYS-6a	0 [8]	13
Pa-233(n,4n2a)Fr-222	TALYS-6a	0 [8]	22
Pa-233(n,4npa)Ra-225	TALYS-6a	0 [8]	16
Pa-233(n,5n2p)Ac-227	TALYS-6a	0 [8]	10
Pa-234(n,2nd)Th-231	TALYS-6a	0 [8]	29
Pa-234(n,2n)Pa-233	TALYS-5	0	59
Pa-234(n,3n)Pa-232	TALYS-5	0	38
>Pa-234(n,f)	TALYS-6a	0 [7,8,8,10,4,11]	109
Pa-234(n,n'a)Ac-230	TALYS-6a	0	100
Pa-234(n,2na)Ac-229	TALYS-6a	0 [8]	51
Pa-234(n,3na)Ac-228	TALYS-6a	0 [8]	35
Pa-234(n,n'p)Th-233	TALYS-6a	0 [8]	48
Pa-234(n,2n2a)Fr-225	TALYS-6a	0	100
Pa-234(n,n'd)Th-232	TALYS-6a	0 [8]	39
Pa-234(n,n't)Th-231	TALYS-6a	0 [8]	38
Pa-234(n,n'h)Ac-231	TALYS-6a	0 [8]	28
Pa-234(n,4n)Pa-231	TALYS-6a	0	29
Pa-234(n,2np)Th-232	TALYS-6a	0 [8]	37
Pa-234(n,3np)Th-231	TALYS-6a	0 [8]	28
Pa-234(n,n'2p)Ac-232	TALYS-6a	0 [8]	24
Pa-234(n,g)Pa-235	TALYS-6a	0 [14]	100
Pa-234(n,p)Th-234	TALYS-6a	0 [2]	100
Pa-234(n,d)Th-233	TALYS-6a	0 [8]	54
Pa-234(n,t)Th-232	TALYS-6a	0 [8]	59
Pa-234(n,h)Ac-232	TALYS-6a	0 [8]	34
Pa-234(n,a)Ac-231	TALYS-6a	0 [2]	100
Pa-234(n,2p)Ac-233	TALYS-6a	0 [8,7,8]	27
Pa-234(n,pd)Ac-232	TALYS-6a	0 [8]	25
Pa-234(n,5n)Pa-230	TALYS-6a	0	22
Pa-234(n,6n)Pa-229	TALYS-6a	0	16
Pa-234(n,2nt)Th-230	TALYS-6a	0 [8]	29
Pa-234(n,4np)Th-230	TALYS-6a	0 [8]	22
Pa-234(n,3nd)Th-230	TALYS-6a	0 [8]	24
Pa-234(n,2npa)Ra-228	TALYS-6a	0 [8]	28
Pa-234(n,7n)Pa-228	TALYS-6a	0	13
Pa-234(n,8n)Pa-227	TALYS-6a	0	10
Pa-234(n,5np)Th-229g	TALYS-6a	0 [4,8]	16
Pa-234(n,5np)Th-229m	TALYS-6a	0 [4,7,8,8]	16
Pa-234(n,6np)Th-228	TALYS-6a	0 [8]	13
Pa-234(n,7np)Th-227	TALYS-6a	0 [8]	10
Pa-234(n,4na)Ac-227	TALYS-6a	0 [8]	28
Pa-234(n,5na)Ac-226	TALYS-6a	0 [8]	21
Pa-234(n,6na)Ac-225	TALYS-6a	0 [8]	16
Pa-234(n,7na)Ac-224	TALYS-6a	0 [8]	13
Pa-234(n,4nd)Th-229g	TALYS-6a	0 [4,8]	17
Pa-234(n,4nd)Th-229m	TALYS-6a	0 [4,7,8,8]	17
Pa-234(n,5nd)Th-228	TALYS-6a	0 [8]	14
Pa-234(n,6nd)Th-227	TALYS-6a	0 [8]	10
Pa-234(n,3nt)Th-229g	TALYS-6a	0 [4,8]	22
Pa-234(n,3nt)Th-229m	TALYS-6a	0 [4,7,8,8]	22
Pa-234(n,4nt)Th-228	TALYS-6a	0 [8]	17
Pa-234(n,5nt)Th-227	TALYS-6a	0 [8]	13
Pa-234(n,6nt)Th-226	TALYS-6a	0 [8]	10
Pa-234(n,2nh)Ac-230	TALYS-6a	0 [8]	23
Pa-234(n,3nh)Ac-229	TALYS-6a	0 [8]	18
Pa-234(n,4nh)Ac-228	TALYS-6a	0 [8]	14
Pa-234(n,3n2p)Ac-230	TALYS-6a	0 [8]	16
Pa-234(n,3n2a)Fr-224	TALYS-6a	0 [8]	23
Pa-234(n,3npa)Ra-227	TALYS-6a	0 [8]	22
Pa-234(n,n'pd)Ac-231	TALYS-6a	0 [8]	21
Pa-234(n,2n2p)Ac-231	TALYS-6a	0 [8]	20
Pa-234(n,4n2p)Ac-229	TALYS-6a	0 [8]	13
Pa-234(n,4n2a)Fr-223	TALYS-6a	0 [8]	22
Pa-234(n,4npa)Ra-226	TALYS-6a	0 [8]	17
Pa-234(n,5n2p)Ac-228	TALYS-6a	0 [8]	10
>U-230(n,2n)U-229	TALYS-5	0 [4]	47
>U-230(n,3n)U-228	TALYS-6a	0 [4]	34
U-230(n,f)	JAERI(MDF)	2 [13,12,4,7]	118
U-230(n,n'a)Th-226	TALYS-6a	0	100
U-230(n,n'3a)Rn-218	TALYS-6a	0	100
U-230(n,2na)Th-225	TALYS-6a	0 [8]	49
U-230(n,3na)Th-224	TALYS-6a	0 [8]	35
U-230(n,n'p)Pa-229	TALYS-6a	0	49
U-230(n,n'2a)Ra-222	TALYS-6a	0	100
U-230(n,2n2a)Ra-221	TALYS-6a	0	100
U-230(n,n'd)Pa-228	TALYS-6a	0 [8,7,8,12]	35
U-230(n,n'h)Th-227	TALYS-6a	0 [8]	30
U-230(n,n'd2a)Fr-220	TALYS-6a	0	100
U-230(n,n't2a)Fr-219	TALYS-6a	0	100
U-230(n,2np)Pa-228	TALYS-6a	0 [8,7,8,12]	33
U-230(n,n'2p)Th-228	TALYS-6a	0	30
U-230(n,n'pa)Ac-225	TALYS-6a	0	100

U-230(n,g)U-231	MASGAM	0 [14,13]	83
U-230(n,p)Pa-230	TALYS-6a	0 [2]	100
U-230(n,d)Pa-229	TALYS-6a	0 [8]	55
U-230(n,t)Pa-228	TALYS-6a	0 [8,7,8,12]	47
U-230(n,h)Th-228	TALYS-6a	0 [8]	42
U-230(n,a)Th-227	TALYS-6a	0 [2]	100
U-230(n,2a)Ra-223	TALYS-6a	0 [10]	100
+U-230(n,2p)Th-229g	TALYS-6a	0 [4,8]	38
+U-230(n,2p)Th-229m	TALYS-6a	0 [4,7,8,8]	38
U-230(n,pa)Ac-226	TALYS-6a	0	100
U-230(n,pd)Th-228	TALYS-6a	0 [8]	31
U-230(n,da)Ac-225	TALYS-6a	0	100
U-230(n,ta)Ac-224	TALYS-6a	0	100
U-230(n,n'da)Ac-224	TALYS-6a	0 [8]	33
U-230(n,2npa)Ac-224	TALYS-6a	0 [8]	31
U-230(n,2nh)Th-226	TALYS-6a	0 [8]	25
U-230(n,3nh)Th-225	TALYS-6a	0 [8]	18
U-230(n,3n2p)Th-226	TALYS-6a	0 [8]	17
U-230(n,3n2a)Ra-220	TALYS-6a	0	100
U-230(n,3npa)Ac-223	TALYS-6a	0 [8]	24
U-230(n,n'pd)Th-227	TALYS-6a	0 [8]	24
U-230(n,n'ta)Ac-223	TALYS-6a	0 [8]	32
U-230(n,2n2p)Th-227	TALYS-6a	0 [8]	22
U-230(n,ha)Ra-224	TALYS-6a	0	100
U-230(n,4npa)Ac-222g	TALYS-6a	0 [4,8]	17
U-230(n,4npa)Ac-222m	TALYS-6a	0 [4,7,8,8]	17
U-231(n,2nd)Pa-228	TALYS-6a	0 [8,7,8,12]	28
U-231(n,2n)U-230	TALYS-5	0 [7,8]	56
U-231(n,3n)U-229	TALYS-5	0 [7,8]	34
U-231(n,f)	JAERI(MDF)	2 [13,11,12,4]	124
U-231(n,n'a)Th-227	TALYS-6a	0 [10]	100
U-231(n,n'3a)Rn-219	TALYS-6a	0 [10]	100
U-231(n,2na)Th-226	TALYS-6a	0 [7,10]	100
U-231(n,3na)Th-225	TALYS-6a	0 [8,7,8]	35
U-231(n,n'p)Pa-230	TALYS-6a	0 [8,7,8]	49
U-231(n,n'2a)Ra-223	TALYS-6a	0 [10]	100
U-231(n,2n2a)Ra-222	TALYS-6a	0 [10]	100
U-231(n,n'd)Pa-229	TALYS-6a	0 [8,7,8]	38
U-231(n,n't)Pa-228	TALYS-6a	0 [8,7,8,12]	34
U-231(n,n'h)Th-228	TALYS-6a	0 [8,7,8]	31
U-231(n,n't2a)Fr-220	TALYS-6a	0 [10]	100
U-231(n,4n)U-228	TALYS-6a	0	27
U-231(n,2np)Pa-229	TALYS-6a	0 [8,7,8]	35
U-231(n,3np)Pa-228	TALYS-6a	0 [8,7,8,12]	26
+U-231(n,n'2p)Th-229g	TALYS-6a	0 [4,8,7,8]	29
+U-231(n,n'2p)Th-229m	TALYS-6a	0 [4,7,8,8]	28
U-231(n,n'pa)Ac-226	TALYS-6a	0 [8,7,8]	39
U-231(n,g)U-232	MASGAM	0 [14,13]	83
U-231(n,p)Pa-231	TALYS-6a	0 [2]	100
U-231(n,d)Pa-230	TALYS-6a	0 [8,7,8]	53
U-231(n,t)Pa-229	TALYS-6a	0 [8,7,8]	54
+U-231(n,h)Th-229g	TALYS-6a	0 [4,8,7,8]	38
+U-231(n,h)Th-229m	TALYS-6a	0 [4,7,8,8]	37
U-231(n,a)Th-228	TALYS-6a	0 [2]	100
U-231(n,2a)Ra-224	TALYS-6a	0 [10]	100
U-231(n,2p)Th-230	TALYS-6a	0 [8,7,8]	39
U-231(n,pa)Ac-227	TALYS-6a	0 [10]	100
+U-231(n,pd)Th-229g	TALYS-6a	0 [4,8,7,8]	30
+U-231(n,pd)Th-229m	TALYS-6a	0 [4,7,8,8]	29
U-231(n,da)Ac-226	TALYS-6a	0 [10]	100
U-231(n,ta)Ac-225	TALYS-6a	0 [10]	100
U-231(n,n'da)Ac-225	TALYS-6a	0 [8,7,8]	35
U-231(n,2npa)Ac-225	TALYS-6a	0 [8,7,8]	33
U-231(n,4na)Th-224	TALYS-6a	0 [8,7,8]	28
U-231(n,2nh)Th-227	TALYS-6a	0 [8,7,8]	24
U-231(n,3nh)Th-226	TALYS-6a	0 [8,7,8]	19
U-231(n,4nh)Th-225	TALYS-6a	0 [8,7,8]	14
U-231(n,3n2p)Th-227	TALYS-6a	0 [8,7,8]	16
U-231(n,3n2a)Ra-221	TALYS-6a	0 [8,7,8]	34
U-231(n,3npa)Ac-224	TALYS-6a	0 [8,7,8]	25
U-231(n,n'pd)Th-228	TALYS-6a	0 [8,7,8]	25
U-231(n,n'ta)Ac-224	TALYS-6a	0 [8,7,8]	31
U-231(n,2n2p)Th-228	TALYS-6a	0 [8,7,8]	24
U-231(n,4n2a)Ra-220	TALYS-6a	0 [8,7,8]	26
U-231(n,4npa)Ac-223	TALYS-6a	0 [8,7,8]	18
U-231(n,3n2pa)Ra-223	TALYS-6a	0 [8,7,8]	15
U-232(n,2nd)Pa-229	TALYS-6a	0 [8]	27
U-232(n,2n)U-231	TALYS-5	0 [7,8]	49
U-232(n,3n)U-230	TALYS-5	0	35
U-232(n,f)	JENDL-3.2	4 [13,4]	5790
U-232(n,n'a)Th-228	TALYS-6a	0 [10]	100
U-232(n,n'3a)Rn-220	TALYS-6a	0 [10]	100
U-232(n,2na)Th-227	TALYS-6a	0 [8]	47
U-232(n,3na)Th-226	TALYS-6a	0 [8]	35
U-232(n,n'p)Pa-231	TALYS-6a	0 [8]	46
U-232(n,n'2a)Ra-224	TALYS-6a	0 [10]	100
U-232(n,2n2a)Ra-223	TALYS-6a	0 [10]	100
U-232(n,n'd)Pa-230	TALYS-6a	0 [8]	34
U-232(n,n't)Pa-229	TALYS-6a	0 [8]	35
+U-232(n,n'h)Th-229g	TALYS-6a	0 [4,8]	29
+U-232(n,n'h)Th-229m	TALYS-6a	0 [4,7,8,8]	29
U-232(n,4n)U-229	TALYS-6a	0	26
U-232(n,2np)Pa-230	TALYS-6a	0 [8]	32
U-232(n,3np)Pa-229	TALYS-6a	0 [8]	26
U-232(n,n'2p)Th-230	TALYS-6a	0 [8]	28
U-232(n,n'pa)Ac-227	TALYS-6a	0 [8]	38
U-232(n,g)U-233	ENDF/B-VI.8	4 [9,2,14]	7125
U-232(n,p)Pa-232	TALYS-6a	0 [2,8]	75
U-232(n,d)Pa-231	TALYS-6a	0 [8]	52
U-232(n,t)Pa-230	TALYS-6a	0 [8]	46
U-232(n,h)Th-230	TALYS-6a	0 [8]	40
+U-232(n,a)Th-229g	TALYS-6a	0 [4]	100
+U-232(n,a)Th-229m	TALYS-6a	0 [4,7]	100
U-232(n,2a)Ra-225	TALYS-6a	0 [10]	100
U-232(n,2p)Th-231	TALYS-6a	0 [8]	34
U-232(n,pa)Ac-228	TALYS-6a	0 [10]	100
U-232(n,pd)Th-230	TALYS-6a	0 [8]	29
U-232(n,da)Ac-227	TALYS-6a	0 [10]	100
U-232(n,5n)U-228	TALYS-6a	0	19

Reaction	Library		Refs	Value
U-232(n,2nt)Pa-228	TALYS-6a	0	[8,7,8,12]	25
U-232(n,ta)Ac-226	TALYS-6a	0	[10]	100
U-232(n,3nd)Pa-228	TALYS-6a	0	[8,7,8,12]	20
U-232(n,n'da)Ac-226	TALYS-6a	0	[8]	29
U-232(n,2npa)Ac-226	TALYS-6a	0	[8]	28
U-232(n,4na)Th-225	TALYS-6a	0	[8]	26
U-232(n,5na)Th-224	TALYS-6a	0	[8]	20
U-232(n,2nh)Th-228	TALYS-6a	0	[8]	24
U-232(n,3nh)Th-227	TALYS-6a	0	[8]	17
U-232(n,4nh)Th-226	TALYS-6a	0	[8]	14
U-232(n,3n2p)Th-228	TALYS-6a	0	[8]	16
U-232(n,3n2a)Ra-222	TALYS-6a	0	[8]	31
U-232(n,3npa)Ac-225	TALYS-6a	0	[8]	24
+U-232(n,n'pd)Th-229g	TALYS-6a	0	[4,8]	23
+U-232(n,n'pd)Th-229m	TALYS-6a	0	[4,7,8,8]	23
U-232(n,n'ta)Ac-225	TALYS-6a	0	[8]	30
+U-232(n,2n2p)Th-229g	TALYS-6a	0	[4,8]	21
+U-232(n,2n2p)Th-229m	TALYS-6a	0	[4,7,8,8]	21
U-232(n,4n2p)Th-227	TALYS-6a	0	[8]	13
U-232(n,4n2a)Ra-221	TALYS-6a	0	[8]	26
U-232(n,4npa)Ac-224	TALYS-6a	0	[8]	17
U-232(n,3n2pa)Ra-224	TALYS-6a	0	[8]	14
U-233(n,2nd)Pa-230	TALYS-6a	0	[8]	27
U-233(n,2n)U-232	TALYS-5	0		57
U-233(n,3n)U-231	TALYS-5	0	[7,8]	35
U-233(n,f)	JEF-2.2	6	[13,4]	2806
+U-233(n,n'a)Th-229g	TALYS-6a	0	[4]	100
+U-233(n,n'a)Th-229m	TALYS-6a	0	[4,7]	100
U-233(n,2na)Th-228	TALYS-6a	0	[8]	54
U-233(n,3na)Th-227	TALYS-6a	0	[8]	34
U-233(n,n'p)Pa-232	TALYS-6a	0	[8]	45
U-233(n,n'2a)Ra-225	TALYS-6a	0		100
U-233(n,2n2a)Ra-224	TALYS-6a	0		100
U-233(n,n'd)Pa-231	TALYS-6a	0	[8]	37
U-233(n,n't)Pa-230	TALYS-6a	0	[8]	33
U-233(n,n'h)Th-230	TALYS-6a	0	[8]	30
U-233(n,4n)U-230	TALYS-6a	0		28
U-233(n,2np)Pa-231	TALYS-6a	0	[8]	34
U-233(n,3np)Pa-230	TALYS-6a	0	[8]	26
U-233(n,n'2p)Th-231	TALYS-6a	0	[8]	27
U-233(n,n'pa)Ac-228	TALYS-6a	0	[8]	34
U-233(n,g)U-234	JENDL-3.3	4	[13,3]	9927
U-233(n,p)Pa-233	TALYS-6a	0	[2]	100
U-233(n,d)Pa-232	TALYS-6a	0	[8]	50
U-233(n,t)Pa-231	TALYS-6a	0	[8]	52
U-233(n,h)Th-231	TALYS-6a	0	[8]	39
U-233(n,a)Th-230	TALYS-5	2	[9,2,3]	8985
U-233(n,2p)Th-232	TALYS-6a	0	[8]	35
U-233(n,pa)Ac-229	TALYS-6a	0		100
U-233(n,pd)Th-231	TALYS-6a	0	[8]	28
U-233(n,da)Ac-228	TALYS-6a	0		100
U-233(n,5n)U-229	TALYS-6a	0		20
U-233(n,6n)U-228	TALYS-6a	0		15
U-233(n,2nt)Pa-229	TALYS-6a	0	[8]	27
U-233(n,ta)Ac-227	TALYS-6a	0		100
U-233(n,4np)Pa-229	TALYS-6a	0	[8]	20
U-233(n,3nd)Pa-229	TALYS-6a	0	[8]	21
U-233(n,n'da)Ac-227	TALYS-6a	0	[8]	30
U-233(n,2npa)Ac-227	TALYS-6a	0	[8]	29
U-233(n,4na)Th-226	TALYS-6a	0	[8]	27
U-233(n,5na)Th-225	TALYS-6a	0	[8]	20
U-233(n,6na)Th-224	TALYS-6a	0	[8]	15
U-233(n,3nt)Pa-228	TALYS-6a	0	[8,7,8,12]	18
+U-233(n,2nh)Th-229g	TALYS-6a	0	[4,8]	24
+U-233(n,2nh)Th-229m	TALYS-6a	0	[4,7,8,8]	23
U-233(n,3nh)Th-228	TALYS-6a	0	[8]	18
U-233(n,4nh)Th-227	TALYS-6a	0	[8]	14
+U-233(n,3n2p)Th-229g	TALYS-6a	0	[4,8]	16
+U-233(n,3n2p)Th-229m	TALYS-6a	0	[4,7,8,8]	15
U-233(n,3n2a)Ra-223	TALYS-6a	0	[8]	33
U-233(n,3npa)Ac-226	TALYS-6a	0	[8]	22
U-233(n,n'pd)Th-230	TALYS-6a	0	[8]	23
U-233(n,n'ta)Ac-226	TALYS-6a	0	[8]	28
U-233(n,2n2p)Th-230	TALYS-6a	0	[8]	22
U-233(n,4n2p)Th-228	TALYS-6a	0	[8]	13
U-233(n,4n2a)Ra-222	TALYS-6a	0	[8]	25
U-233(n,4npa)Ac-225	TALYS-6a	0	[8]	18
U-233(n,3n2pa)Ra-225	TALYS-6a	0	[8]	13
U-234(n,2nd)Pa-231	TALYS-6a	0	[8]	27
U-234(n,2n)U-233	TALYS-5	0		51
U-234(n,3n)U-232	TALYS-5	0		36
U-234(n,f)	MASLOV	6	[13,3] 24154	
U-234(n,n'a)Th-230	TALYS-6a	0		100
+U-234(n,2na)Th-229g	TALYS-6a	0	[4,8]	46
+U-234(n,2na)Th-229m	TALYS-6a	0	[4,7,8,8]	46
U-234(n,3na)Th-228	TALYS-6a	0	[8]	35
U-234(n,n'p)Pa-233	TALYS-6a	0	[8]	45
U-234(n,2n2a)Ra-225	TALYS-6a	0		100
U-234(n,n'd)Pa-232	TALYS-6a	0	[8]	34
U-234(n,n't)Pa-231	TALYS-6a	0	[8]	34
U-234(n,n'h)Th-231	TALYS-6a	0	[8]	28
U-234(n,4n)U-231	TALYS-6a	0		27
U-234(n,2np)Pa-232	TALYS-6a	0	[8]	31
U-234(n,3np)Pa-231	TALYS-6a	0	[8]	26
U-234(n,n'2p)Th-232	TALYS-6a	0	[8]	26
U-234(n,n'pa)Ac-229	TALYS-6a	0	[8]	34
U-234(n,g)U-235g	JENDL-3.3	0	[13,4,6,3] 23254	
U-234(n,g)U-235m	JENDL-3.3	0	[13,4,6,3] 23254	
U-234(n,p)Pa-234g	TALYS-6a	0	[4,2,8]	70
U-234(n,p)Pa-234m	TALYS-6a	0	[4,7,8,2,8]	69
U-234(n,d)Pa-233	TALYS-6a	0	[8]	49
U-234(n,t)Pa-232	TALYS-6a	0	[8]	45
U-234(n,h)Th-232	TALYS-6a	0	[8]	37
U-234(n,a)Th-231	TALYS-6a	0	[2]	100
U-234(n,2a)Ra-227	TALYS-6a	0	[10]	100
U-234(n,2p)Th-233	TALYS-6a	0	[8]	31
U-234(n,pa)Ac-230	TALYS-6a	0		100
U-234(n,pd)Th-232	TALYS-6a	0	[8]	27
U-234(n,da)Ac-229	TALYS-6a	0	[8]	36
U-234(n,5n)U-230	TALYS-6a	0		21
U-234(n,6n)U-229	TALYS-6a	0		15
U-234(n,2nt)Pa-230	TALYS-6a	0	[8]	25
U-234(n,ta)Ac-228	TALYS-6a	0	[8]	34
U-234(n,4np)Pa-230	TALYS-6a	0	[8]	19
U-234(n,3nd)Pa-230	TALYS-6a	0	[8]	20
U-234(n,n'da)Ac-228	TALYS-6a	0	[8]	27
U-234(n,2npa)Ac-228	TALYS-6a	0	[8]	26
U-234(n,7n)U-228	TALYS-6a	0		12
U-234(n,5np)Pa-229	TALYS-6a	0	[8]	15
U-234(n,4na)Th-227	TALYS-6a	0	[8]	26
U-234(n,5na)Th-226	TALYS-6a	0	[8]	20
U-234(n,6na)Th-225	TALYS-6a	0	[8]	15
U-234(n,7na)Th-224	TALYS-6a	0	[8]	12
U-234(n,4nd)Pa-229	TALYS-6a	0	[8]	15
U-234(n,3nt)Pa-229	TALYS-6a	0	[8]	20
U-234(n,4nt)Pa-228	TALYS-6a	0	[8,7,8,12]	14
U-234(n,2nh)Th-230	TALYS-6a	0	[8]	23
+U-234(n,3nh)Th-229g	TALYS-6a	0	[4,8]	17
+U-234(n,3nh)Th-229m	TALYS-6a	0	[4,7,8,8]	17
U-234(n,4nh)Th-228	TALYS-6a	0	[8]	14
U-234(n,3n2p)Th-230	TALYS-6a	0	[8]	16
U-234(n,3n2a)Ra-224	TALYS-6a	0	[8]	30
U-234(n,3npa)Ac-227	TALYS-6a	0	[8]	22
U-234(n,n'pd)Th-231	TALYS-6a	0	[8]	22
U-234(n,n'ta)Ac-227	TALYS-6a	0	[8]	28
U-234(n,2n2p)Th-231	TALYS-6a	0	[8]	20
+U-234(n,4n2p)Th-229g	TALYS-6a	0	[4,8]	13
+U-234(n,4n2p)Th-229m	TALYS-6a	0	[4,7,8,8]	13
U-234(n,4n2a)Ra-223	TALYS-6a	0	[8]	25
U-234(n,4npa)Ac-226	TALYS-6a	0	[8]	16
U-234(n,5n2p)Th-228	TALYS-6a	0	[8]	10
U-235(n,n')U-235m	TALYS-6a	0		95
U-235(n,2nd)Pa-232	TALYS-6a	0	[8]	28
U-235(n,2n)U-234	JEF-2.2	4	[13]	69
U-235(n,3n)U-233	JENDL-3.2	4	[13]	56
U-235(n,f)	JEF-2.2	6	[13,4] 48193	
U-235(n,n'a)Th-231	TALYS-6a	0		100
U-235(n,2na)Th-230	TALYS-6a	0	[8]	51
+U-235(n,3na)Th-229g	TALYS-6a	0	[4,8]	34
+U-235(n,3na)Th-229m	TALYS-6a	0	[4,7,8,8]	34
U-235(n,n'p)Pa-234g	TALYS-6a	0	[4,8]	44
U-235(n,n'p)Pa-234m	TALYS-6a	0	[4,7,8,8]	43
U-235(n,n'2a)Ra-227	TALYS-6a	0		100
U-235(n,2n2a)Ra-226	TALYS-6a	0		100
U-235(n,n'd)Pa-233	TALYS-6a	0	[8]	36
U-235(n,n't)Pa-232	TALYS-6a	0	[8]	34
U-235(n,n'h)Th-232	TALYS-6a	0	[8]	29
>U-235(n,4n)U-232	WIND	1	[8,5,7,8,4]	33
U-235(n,2np)Pa-233	TALYS-6a	0	[8]	34
U-235(n,3np)Pa-232	TALYS-6a	0	[8]	26
U-235(n,n'2p)Th-233	TALYS-6a	0	[8]	26
U-235(n,n'pa)Ac-230	TALYS-6a	0	[8]	31
U-235(n,g)U-236	JEF-2.2	4	[14,13] 49140	
U-235(n,p)Pa-235	TALYS-5a	2	[8]	74
U-235(n,d)Pa-234g	TALYS-6a	0	[4,8,15]	49
U-235(n,d)Pa-234m	TALYS-6a	0	[4,7,8,8,15]	48
U-235(n,t)Pa-233	TALYS-6a	0	[8]	52
U-235(n,h)Th-233	TALYS-6a	0	[8]	36
U-235(n,a)Th-232	TALYS-5	2	[9,2,3] 48938	
U-235(n,2a)Ra-228	TALYS-6a	0	[10]	100
U-235(n,2p)Th-234	TALYS-6a	0	[8]	31
U-235(n,pa)Ac-231	TALYS-6a	0		100
U-235(n,pd)Th-233	TALYS-6a	0	[8]	27
U-235(n,da)Ac-230	TALYS-6a	0	[8]	33
U-235(n,5n)U-231	TALYS-6a	0		21
U-235(n,6n)U-230	TALYS-6a	0		16
U-235(n,2nt)Pa-231	TALYS-6a	0	[8]	27
U-235(n,ta)Ac-229	TALYS-6a	0		100
U-235(n,4np)Pa-231	TALYS-6a	0	[8]	20
U-235(n,3nd)Pa-231	TALYS-6a	0	[8]	22
U-235(n,n'da)Ac-229	TALYS-6a	0	[8]	28
U-235(n,2npa)Ac-229	TALYS-6a	0	[8]	27
U-235(n,7n)U-229	TALYS-6a	0		12
U-235(n,5np)Pa-230	TALYS-6a	0	[8,15]	15
U-235(n,6np)Pa-229	TALYS-6a	0	[8]	12
U-235(n,4na)Th-228	TALYS-6a	0	[8]	27
U-235(n,5na)Th-227	TALYS-6a	0	[8]	20
U-235(n,6na)Th-226	TALYS-6a	0	[8]	15
U-235(n,7na)Th-225	TALYS-6a	0	[8]	12
U-235(n,4nd)Pa-230	TALYS-6a	0	[8,15]	16
U-235(n,5nd)Pa-229	TALYS-6a	0	[8]	13
U-235(n,3nt)Pa-230	TALYS-6a	0	[8,15]	20
U-235(n,4nt)Pa-229	TALYS-6a	0	[8]	15
U-235(n,2nh)Th-231	TALYS-6a	0	[8]	23
U-235(n,3nh)Th-230	TALYS-6a	0	[8]	18
+U-235(n,4nh)Th-229g	TALYS-6a	0	[4,8]	14
+U-235(n,4nh)Th-229m	TALYS-6a	0	[4,7,8,8]	14
U-235(n,3n2p)Th-231	TALYS-6a	0	[8]	16
U-235(n,3n2a)Ra-225	TALYS-6a	0	[8]	27
U-235(n,3npa)Ac-228	TALYS-6a	0	[8]	20
U-235(n,n'pd)Th-232	TALYS-6a	0	[8]	23
U-235(n,n'ta)Ac-228	TALYS-6a	0	[8]	27
U-235(n,2n2p)Th-232	TALYS-6a	0	[8]	21
U-235(n,4n2p)Th-230	TALYS-6a	0	[8]	13
U-235(n,4n2a)Ra-224	TALYS-6a	0	[8]	22
U-235(n,4npa)Ac-227	TALYS-6a	0	[8]	16
+U-235(n,5n2p)Th-229g	TALYS-6a	0	[4,8]	10
+U-235(n,5n2p)Th-229m	TALYS-6a	0	[4,7,8,8]	10
U-236(n,2nd)Pa-233	TALYS-6a	0	[8]	27
U-236(n,2n)U-235g	TALYS-5	0		53
U-236(n,2n)U-235m	TALYS-5	0		53
U-236(n,3n)U-234	TALYS-5	0		38

Reaction	Library			
U-236(n,f)	JEF-2.2	6	[13,4]	
29805				
U-236(n,n'a)Th-232	TALYS-6a	0		100
U-236(n,2na)Th-231	TALYS-6a	0	[8]	47
U-236(n,3na)Th-230	TALYS-6a	0	[8]	35
U-236(n,n'p)Pa-235	TALYS-6a	0	[8]	43
U-236(n,n'2a)Ra-228	TALYS-6a	0		100
U-236(n,2n2a)Ra-227	TALYS-6a	0		100
U-236(n,n'd)Pa-234g	TALYS-6a	0	[4,8]	34
U-236(n,n'd)Pa-234m	TALYS-6a	0	[4,7,8,8]	33
U-236(n,n't)Pa-233	TALYS-6a	0	[8]	35
U-236(n,n'h)Th-233	TALYS-6a	0	[8]	28
U-236(n,4n)U-233	TALYS-6a	0		28
U-236(n,2np)Pa-234g	TALYS-6a	0	[4,8]	31
U-236(n,2np)Pa-234m	TALYS-6a	0	[4,7,8,8]	30
U-236(n,3np)Pa-233	TALYS-6a	0	[8]	26
U-236(n,n'2p)Th-234	TALYS-6a	0	[8]	25
U-236(n,n'pa)Ac-231	TALYS-6a	0	[8]	31
>U-236(n,g)U-237	JENDL-3.3	4	[13]	
20493				
U-236(n,p)Pa-236	TALYS-6a	0	[2,8]	66
U-236(n,d)Pa-235	TALYS-6a	0	[8]	47
U-236(n,t)Pa-234g	TALYS-6a	0	[4,8]	45
U-236(n,t)Pa-234m	TALYS-6a	0	[4,7,8,8]	44
U-236(n,h)Th-234	TALYS-6a	0	[8]	36
U-236(n,a)Th-233	TALYS-6a	0	[2]	100
U-236(n,2p)Th-235	TALYS-6a	0	[8]	26
U-236(n,pd)Th-234	TALYS-6a	0	[8]	26
U-236(n,da)Ac-231	TALYS-6a	0	[8]	34
U-236(n,5n)U-232	TALYS-6a	0		22
U-236(n,6n)U-231	TALYS-6a	0		16
U-236(n,2nt)Pa-232	TALYS-6a	0	[8]	26
U-236(n,4np)Pa-232	TALYS-6a	0	[8]	19
U-236(n,3nd)Pa-232	TALYS-6a	0	[8]	21
U-236(n,2npa)Ac-230	TALYS-6a	0	[8]	26
U-236(n,7n)U-230	TALYS-6a	0		13
U-236(n,8n)U-229	TALYS-6a	0		9
U-236(n,5np)Pa-231	TALYS-6a	0	[8]	15
U-236(n,6np)Pa-230	TALYS-6a	0	[8]	12
U-236(n,7np)Pa-229	TALYS-6a	0	[8]	9
+U-236(n,4na)Th-229g	TALYS-6a	0	[4,8]	26
+U-236(n,4na)Th-229m	TALYS-6a	0	[4,7,8,8]	26
U-236(n,5na)Th-228	TALYS-6a	0	[8]	21
U-236(n,6na)Th-227	TALYS-6a	0	[8]	15
U-236(n,7na)Th-226	TALYS-6a	0	[8]	12
U-236(n,4nd)Pa-231	TALYS-6a	0	[8]	16
U-236(n,5nd)Pa-230	TALYS-6a	0	[8]	12
U-236(n,6nd)Pa-229	TALYS-6a	0	[8]	9
U-236(n,3nt)Pa-231	TALYS-6a	0	[8]	21
U-236(n,4nt)Pa-230	TALYS-6a	0	[8]	15
U-236(n,5nt)Pa-229	TALYS-6a	0	[8]	12
U-236(n,2nh)Th-232	TALYS-6a	0	[8]	23
U-236(n,3nh)Th-231	TALYS-6a	0	[8]	17
U-236(n,4nh)Th-230	TALYS-6a	0	[8]	14
U-236(n,3n2p)Th-232	TALYS-6a	0	[8]	16
U-236(n,3npa)Ac-229	TALYS-6a	0	[8]	20
U-236(n,n'pd)Th-233	TALYS-6a	0	[8]	21
U-236(n,n'ta)Ac-229	TALYS-6a	0	[8]	27
U-236(n,2n2p)Th-233	TALYS-6a	0	[8]	19
U-236(n,4n2p)Th-231	TALYS-6a	0	[8]	12
U-236(n,4n2a)Ra-225	TALYS-6a	0	[8]	21
U-236(n,4npa)Ac-228	TALYS-6a	0	[8]	15
U-236(n,5n2p)Th-230	TALYS-6a	0	[8]	10
U-237(n,2nd)Pa-234g	TALYS-6a	0	[4,8]	28
U-237(n,2nd)Pa-234m	TALYS-6a	0	[4,7,8,8]	27
U-237(n,2n)U-236	TALYS-5	0		60
U-237(n,3n)U-235g	TALYS-5	0		38
U-237(n,3n)U-235m	TALYS-5	0		38
U-237(n,f)	JENDL-3.2	4	[13,4]	8885
U-237(n,n'a)Th-233	TALYS-6a	0		100
U-237(n,2na)Th-232	TALYS-6a	0	[8]	53
U-237(n,3na)Th-231	TALYS-6a	0	[8]	35
U-237(n,n'p)Pa-236	TALYS-6a	0	[8]	43
U-237(n,n'2a)Ra-229	TALYS-6a	0		100
U-237(n,2n2a)Ra-228	TALYS-6a	0		100
U-237(n,n'd)Pa-235	TALYS-6a	0	[8]	36
U-237(n,n't)Pa-234g	TALYS-6a	0	[4,8]	35
U-237(n,n't)Pa-234m	TALYS-6a	0	[4,7,8,8]	34
U-237(n,n'h)Th-234	TALYS-6a	0	[8]	29
U-237(n,4n)U-234	TALYS-6a	0		29
U-237(n,2np)Pa-235	TALYS-6a	0	[8]	33
U-237(n,3np)Pa-234g	TALYS-6a	0	[4,8]	26
U-237(n,3np)Pa-234m	TALYS-6a	0	[4,7,8,8]	25
U-237(n,n'2p)Th-235	TALYS-6a	0	[8]	24
U-237(n,n'pa)Ac-232	TALYS-6a	0	[8]	30
U-237(n,g)U-238	JENDL-3.2	4	[13,3]	5894
U-237(n,p)Pa-237	TALYS-6a	0	[2,8]	69
U-237(n,d)Pa-236	TALYS-6a	0	[8]	46
U-237(n,t)Pa-235	TALYS-6a	0	[8]	50
U-237(n,h)Th-235	TALYS-6a	0	[8]	31
U-237(n,a)Th-234	TALYS-6a	0	[2]	100
U-237(n,da)Ac-232	TALYS-6a	0	[8]	31
U-237(n,5n)U-233	TALYS-6a	0		23
U-237(n,6n)U-232	TALYS-6a	0		17
U-237(n,2nt)Pa-233	TALYS-6a	0	[8]	28
U-237(n,4np)Pa-233	TALYS-6a	0	[8]	20
U-237(n,3nd)Pa-233	TALYS-6a	0	[8]	22
U-237(n,2npa)Ac-231	TALYS-6a	0	[8]	26
U-237(n,7n)U-231	TALYS-6a	0		13
U-237(n,8n)U-230	TALYS-6a	0		10
U-237(n,5np)Pa-232	TALYS-6a	0	[8]	15
U-237(n,6np)Pa-231	TALYS-6a	0	[8]	12
U-237(n,7np)Pa-230	TALYS-6a	0	[8]	9
U-237(n,4na)Th-230	TALYS-6a	0	[8]	28
+U-237(n,5na)Th-229g	TALYS-6a	0	[4,8]	21
+U-237(n,5na)Th-229m	TALYS-6a	0	[4,7,8,8]	21
U-237(n,6na)Th-228	TALYS-6a	0	[8]	16
U-237(n,7na)Th-227	TALYS-6a	0	[8]	12
U-237(n,4nd)Pa-232	TALYS-6a	0	[8]	16
U-237(n,5nd)Pa-231	TALYS-6a	0	[8]	13
U-237(n,6nd)Pa-230	TALYS-6a	0	[8]	10
U-237(n,3nt)Pa-232	TALYS-6a	0	[8]	20
U-237(n,4nt)Pa-231	TALYS-6a	0	[8]	16
U-237(n,5nt)Pa-230	TALYS-6a	0	[8]	12
U-237(n,6nt)Pa-229	TALYS-6a	0	[8]	9
U-237(n,2nh)Th-233	TALYS-6a	0	[8]	23
U-237(n,3nh)Th-232	TALYS-6a	0	[8]	18
U-237(n,4nh)Th-231	TALYS-6a	0	[8]	14
U-237(n,3n2p)Th-233	TALYS-6a	0	[8]	15
U-237(n,3n2a)Ra-226	TALYS-6a	0	[8]	26
U-237(n,3npa)Ac-230	TALYS-6a	0	[8]	20
U-237(n,n'pd)Th-234	TALYS-6a	0	[8]	21
U-237(n,2n2p)Th-234	TALYS-6a	0	[8]	20
U-237(n,4n2p)Th-232	TALYS-6a	0	[8]	13
U-237(n,4n2a)Ra-226	TALYS-6a	0	[8]	21
U-237(n,4npa)Ac-229	TALYS-6a	0	[8]	15
U-238(n,2nd)Pa-235	TALYS-6a	0	[8]	27
U-238(n,2n)U-237	ENDF/B-VI	5	[13]	73
U-238(n,3n)U-236	ENDF/B-VI	4	[13]	52
U-238(n,f)	JEF-2.2	6	[13,4]	
15965				
U-238(n,n'a)Th-234	TALYS-6a	0		100
U-238(n,2na)Th-233	TALYS-6a	0	[8]	46
U-238(n,3na)Th-232	TALYS-6a	0	[8]	36
U-238(n,n'p)Pa-237	TALYS-6a	0	[8]	42
U-238(n,n'2a)Ra-229	TALYS-6a	0		100
U-238(n,n'd)Pa-236	TALYS-6a	0	[8]	33
U-238(n,n't)Pa-235	TALYS-6a	0	[8]	35
U-238(n,n'h)Th-235	TALYS-6a	0	[8]	27
>U-238(n,4n)U-235g	TALYS-6a	0	[4]	29
>U-238(n,4n)U-235m	TALYS-6a	0	[4]	29
U-238(n,2np)Pa-236	TALYS-6a	0	[8]	31
U-238(n,3np)Pa-235	TALYS-6a	0	[8]	26
U-238(n,n'pa)Ac-233	TALYS-6a	0	[8,7,8]	29
U-238(n,g)U-239	JEF-2.2	4	[14,13]	
141588				
U-238(n,p)Pa-238	TALYS-5a	2	[8]	63
U-238(n,d)Pa-237	TALYS-5a	0	[8]	45
U-238(n,t)Pa-236	TALYS-5	2	[8]	45
U-238(n,a)Th-235	TALYS-5	2	[9,3,3]	
141542				
U-238(n,5n)U-234	TALYS-6a	0		23
U-238(n,6n)U-233	TALYS-6a	0		16
U-238(n,2nt)Pa-234g	TALYS-6a	0	[4,8]	27
U-238(n,2nt)Pa-234m	TALYS-6a	0	[4,7,8,8]	26
U-238(n,ta)Ac-232	TALYS-6a	0	[8]	31
U-238(n,4np)Pa-234g	TALYS-6a	0	[4,8]	20
U-238(n,4np)Pa-234m	TALYS-6a	0	[4,7,8,8]	19
U-238(n,3nd)Pa-234g	TALYS-6a	0	[4,8]	21
U-238(n,3nd)Pa-234m	TALYS-6a	0	[4,7,8,8]	20
U-238(n,n'da)Ac-232	TALYS-6a	0	[8]	26
U-238(n,2npa)Ac-232	TALYS-6a	0	[8]	25
U-238(n,7n)U-232	TALYS-6a	0		14
U-238(n,8n)U-231	TALYS-6a	0		10
U-238(n,5np)Pa-233	TALYS-6a	0	[8]	15
U-238(n,6np)Pa-232	TALYS-6a	0	[8]	12
U-238(n,7np)Pa-231	TALYS-6a	0	[8]	9
U-238(n,4na)Th-231	TALYS-6a	0	[8]	27
U-238(n,5na)Th-230	TALYS-6a	0	[8]	22
+U-238(n,6na)Th-229g	TALYS-6a	0	[4,8]	16
+U-238(n,6na)Th-229m	TALYS-6a	0	[4,7,8,8]	16
U-238(n,7na)Th-228	TALYS-6a	0	[8]	13
U-238(n,4nd)Pa-233	TALYS-6a	0	[8]	16
U-238(n,5nd)Pa-232	TALYS-6a	0	[8]	13
U-238(n,6nd)Pa-231	TALYS-6a	0	[8]	10
U-238(n,3nt)Pa-233	TALYS-6a	0	[8]	21
U-238(n,4nt)Pa-232	TALYS-6a	0	[8]	15
U-238(n,5nt)Pa-231	TALYS-6a	0	[8]	13
U-238(n,6nt)Pa-230	TALYS-6a	0	[8]	9
U-238(n,2nh)Th-234	TALYS-6a	0	[8]	23
U-238(n,3nh)Th-233	TALYS-6a	0	[8]	17
U-238(n,4nh)Th-232	TALYS-6a	0	[8]	14
U-238(n,3n2p)Th-234	TALYS-6a	0	[8]	15
U-238(n,3n2a)Ra-228	TALYS-6a	0	[8]	26
U-238(n,3npa)Ac-231	TALYS-6a	0	[8]	19
U-238(n,n'pd)Th-235	TALYS-6a	0	[8]	20
U-238(n,2n2p)Th-235	TALYS-6a	0	[8]	18
U-238(n,4n2p)Th-233	TALYS-6a	0	[8]	12
U-238(n,4n2a)Ra-227	TALYS-6a	0	[8]	19
U-238(n,4npa)Ac-230	TALYS-6a	0	[8]	15
U-238(n,5n2p)Th-232	TALYS-6a	0	[8]	10
U-240(n,2nd)Pa-237	TALYS-6a	0	[8]	27
U-240(n,2n)U-239	TALYS-5	0		56
U-240(n,3n)U-238	TALYS-5	0		40
>U-240(n,f)	JAERI	0	[13,7,11]	84
U-240(n,2na)Th-235	TALYS-6a	0	[8]	45
U-240(n,3na)Th-234	TALYS-6a	0	[8]	36
U-240(n,n'd)Pa-238	TALYS-6a	0	[8]	33
U-240(n,n't)Pa-237	TALYS-6a	0	[8]	35
U-240(n,4n)U-237	TALYS-6a	0		30
U-240(n,2np)Pa-238	TALYS-6a	0	[8]	31
U-240(n,3np)Pa-237	TALYS-6a	0	[8]	26
>U-240(n,g)U-241	ENDF/B-VII.2	0	[14,7,13,3]	
16938				
U-240(n,t)Pa-238	TALYS-6a	0	[8]	44
U-240(n,5n)U-236	TALYS-6a	0		24
U-240(n,6n)U-235g	TALYS-6a	0		18
U-240(n,6n)U-235m	TALYS-6a	0		18
U-240(n,2nt)Pa-236	TALYS-6a	0	[8]	27
U-240(n,4np)Pa-236	TALYS-6a	0	[8]	20
U-240(n,3nd)Pa-236	TALYS-6a	0	[8]	21
U-240(n,7n)U-234	TALYS-6a	0		14
U-240(n,8n)U-233	TALYS-6a	0		11
U-240(n,5np)Pa-235	TALYS-6a	0	[8]	16
U-240(n,6np)Pa-234g	TALYS-6a	0	[4,8]	12
U-240(n,6np)Pa-234m	TALYS-6a	0	[4,7,8,8]	11
U-240(n,7np)Pa-233	TALYS-6a	0	[8]	10
U-240(n,4na)Th-233	TALYS-6a	0	[8]	27

Reaction	Library	Flag	References	Value
U-240(n,5na)Th-232	TALYS-6a	0	[8]	22
U-240(n,6na)Th-231	TALYS-6a	0	[8]	16
U-240(n,7na)Th-230	TALYS-6a	0	[8]	13
U-240(n,4nd)Pa-235	TALYS-6a	0	[8]	16
U-240(n,5nd)Pa-234g	TALYS-6a	0	[4,8]	13
U-240(n,5nd)Pa-234m	TALYS-6a	0	[4,7,8,8]	12
U-240(n,6nd)Pa-233	TALYS-6a	0	[8]	10
U-240(n,3nt)Pa-235	TALYS-6a	0	[8]	22
U-240(n,4nt)Pa-234g	TALYS-6a	0	[4,8]	16
U-240(n,4nt)Pa-234m	TALYS-6a	0	[4,7,8,8]	15
U-240(n,5nt)Pa-233	TALYS-6a	0	[8]	13
U-240(n,6nt)Pa-232	TALYS-6a	0	[8]	9
U-240(n,3nh)Th-235	TALYS-6a	0	[8]	17
U-240(n,4nh)Th-234	TALYS-6a	0	[8]	14
U-240(n,3npa)Ac-233	TALYS-6a	0	[8,7,8]	19
U-240(n,4n2p)Th-235	TALYS-6a	0	[8]	12
U-240(n,4n2a)Ra-229	TALYS-6a	0	[8]	15
U-240(n,4npa)Ac-232	TALYS-6a	0	[8]	14
U-240(n,5n2p)Th-234	TALYS-6a	0	[8]	10
U-241(n,2n)U-240	ENDF/B-VII.2	0	[12]	76
U-241(n,3n)U-239	ENDF/B-VII.2	0	[12]	62
U-241(n,f)	ENDF/B-VII.2	0	[12]	8033
U-241(n,4n)U-238	ENDF/B-VII.2	0	[12]	51
U-241(n,g)U-242	ENDF/B-VII.2	0	[7,12]	8033
Np-234(n,2nd)U-231	TALYS-6a	0	[8,7,8]	28
>Np-234(n,2n)Np-233	TALYS-5	0	[7,8,4,4]	54
>Np-234(n,3n)Np-232	TALYS-5	0	[7,8,4]	34
>Np-234(n,f)	ESTIMATE	2	[13,12,3,12]	67
Np-234(n,n'a)Pa-230	TALYS-6a	0		100
Np-234(n,2na)Pa-229	TALYS-6a	0	[8]	53
Np-234(n,3na)Pa-228	TALYS-6a	0	[8,7,8,15]	34
Np-234(n,n'p)U-233	TALYS-6a	0	[8]	56
Np-234(n,n'2a)Ac-226	TALYS-6a	0		100
Np-234(n,2n2a)Ac-225	TALYS-6a	0		100
Np-234(n,n'd)U-232	TALYS-6a	0	[8]	40
Np-234(n,n't)U-231	TALYS-6a	0	[8,7,8]	37
Np-234(n,n'h)Pa-231	TALYS-6a	0	[8]	31
Np-234(n,4n)Np-231	TALYS-6a	0		27
Np-234(n,2np)U-232	TALYS-6a	0	[8]	38
Np-234(n,3np)U-231	TALYS-6a	0	[8,7,8]	27
Np-234(n,n'2p)Pa-232	TALYS-6a	0	[8]	29
+Np-234(n,n'pa)Th-229g	TALYS-6a	0	[4]	100
+Np-234(n,n'pa)Th-229m	TALYS-6a	0	[4,7]	100
>Np-234(n,g)Np-235	TALYS-6a	0		100
Np-234(n,p)U-234	TALYS-6a	0	[2]	100
Np-234(n,d)U-233	TALYS-6a	0	[8]	62
Np-234(n,t)U-232	TALYS-6a	0	[8]	62
Np-234(n,h)Pa-232	TALYS-6a	0	[8]	37
Np-234(n,a)Pa-231	TALYS-6a	0	[2]	100
Np-234(n,2a)Ac-227	TALYS-6a	0	[10]	100
Np-234(n,2p)Pa-233	TALYS-6a	0	[8]	37
Np-234(n,pd)Pa-232	TALYS-6a	0	[8]	30
+Np-234(n,da)Th-229g	TALYS-6a	0	[4]	100
+Np-234(n,da)Th-229m	TALYS-6a	0	[4,7]	100
Np-234(n,5n)Np-230	TALYS-6a	0		19
Np-234(n,2nt)U-230	TALYS-6a	0	[8]	28
Np-234(n,ta)Th-228	TALYS-6a	0		100
Np-234(n,4np)U-230	TALYS-6a	0	[8]	21
Np-234(n,3nd)U-230	TALYS-6a	0	[8]	22
Np-234(n,n'da)Th-228	TALYS-6a	0	[8]	33
Np-234(n,2npa)Th-228	TALYS-6a	0	[8]	31
Np-234(n,5np)U-229	TALYS-6a	0	[8]	15
Np-234(n,5na)Pa-226	TALYS-6a	0	[8]	19
Np-234(n,4nd)U-229	TALYS-6a	0	[8]	16
Np-234(n,3nt)U-229	TALYS-6a	0	[8]	20
Np-234(n,4nt)U-228	TALYS-6a	0	[8]	15
Np-234(n,2nh)Pa-230	TALYS-6a	0	[8]	24
Np-234(n,3nh)Pa-229	TALYS-6a	0	[8]	18
Np-234(n,3n2p)Pa-230	TALYS-6a	0	[8]	16
Np-234(n,3n2a)Ac-224	TALYS-6a	0	[8]	33
Np-234(n,3npa)Th-227	TALYS-6a	0	[8]	25
Np-234(n,n'pd)Pa-231	TALYS-6a	0	[8]	24
Np-234(n,n'ta)Th-227	TALYS-6a	0	[8]	33
Np-234(n,2n2p)Pa-231	TALYS-6a	0	[8]	23
Np-234(n,4n2p)Pa-229	TALYS-6a	0	[8]	13
Np-234(n,4n2a)Ac-223	TALYS-6a	0	[8]	27
Np-234(n,4npa)Th-226	TALYS-6a	0	[8]	19
Np-234(n,3n2pa)Ac-226	TALYS-6a	0	[8]	14
Np-235(n,2nd)U-232	TALYS-6a	0	[8]	29
Np-235(n,2n)Np-234	TALYS-5	0		50
>Np-235(n,3n)Np-233	TALYS-5	0	[7,8,4]	35
Np-235(n,f)	JENDL-3.3	0	[13,12]	1083
Np-235(n,n'a)Pa-231	TALYS-6a	0		100
Np-235(n,n'3a)Fr-223	TALYS-6a	0		100
Np-235(n,3na)Pa-229	TALYS-6a	0	[8]	34
Np-235(n,n'p)U-234	TALYS-6a	0	[8]	55
Np-235(n,n'2a)Ac-227	TALYS-6a	0		100
Np-235(n,2n2a)Ac-226	TALYS-6a	0		100
Np-235(n,n'd)U-233	TALYS-6a	0	[8]	38
Np-235(n,n't)U-232	TALYS-6a	0	[8]	38
Np-235(n,n't2a)Ra-224	TALYS-6a	0		100
Np-235(n,4n)Np-232	TALYS-6a	0		26
Np-235(n,2np)U-233	TALYS-6a	0	[8]	35
Np-235(n,3np)U-232	TALYS-6a	0	[8]	27
Np-235(n,n'2p)Pa-233	TALYS-6a	0	[8]	28
Np-235(n,n'pa)Th-230	TALYS-6a	0		100
>Np-235(n,g)Np-236g	MASGAM	0	[14,13,12,3]	147
>Np-235(n,g)Np-236m	MASGAM	0	[14,13,12,3]	147
Np-235(n,p)U-235g	TALYS-6a	0	[2]	100
Np-235(n,p)U-235m	TALYS-6a	0	[2]	100
Np-235(n,d)U-234	TALYS-6a	0	[8]	61
Np-235(n,t)U-233	TALYS-6a	0	[8]	55
Np-235(n,h)Pa-233	TALYS-6a	0	[8]	39
Np-235(n,a)Pa-232	TALYS-6a	0	[2,15,10]	100
Np-235(n,2a)Ac-228	TALYS-6a	0	[10]	100
Np-235(n,2p)Pa-234g	TALYS-6a	0	[4,8]	33
Np-235(n,2p)Pa-234m	TALYS-6a	0	[4,7,8,8]	32
Np-235(n,pa)Th-231	TALYS-6a	0		100
Np-235(n,d2a)Ra-226	TALYS-6a	0		100
Np-235(n,pd)Pa-233	TALYS-6a	0	[8]	28
Np-235(n,da)Th-230	TALYS-6a	0		100
Np-235(n,2nt)U-231	TALYS-6a	0	[8,7,8]	27
+Np-235(n,ta)Th-229g	TALYS-6a	0	[4]	100
+Np-235(n,ta)Th-229m	TALYS-6a	0	[4,7]	100
Np-235(n,4np)U-231	TALYS-6a	0	[8,7,8]	20
Np-235(n,3nd)U-231	TALYS-6a	0	[8,7,8]	21
+Np-235(n,n'da)Th-229g	TALYS-6a	0	[4,8]	30
+Np-235(n,n'da)Th-229m	TALYS-6a	0	[4,7,8,8]	30
+Np-235(n,2npa)Th-229g	TALYS-6a	0	[4,8]	29
+Np-235(n,2npa)Th-229m	TALYS-6a	0	[4,7,8,8]	29
Np-235(n,5np)U-230	TALYS-6a	0	[8]	15
Np-235(n,4nd)U-230	TALYS-6a	0	[8]	16
Np-235(n,3nt)U-230	TALYS-6a	0	[8]	21
Np-235(n,4nt)U-229	TALYS-6a	0	[8]	15
Np-235(n,3n2a)Ac-225	TALYS-6a	0	[8]	31
Np-235(n,3npa)Th-228	TALYS-6a	0	[8]	24
Np-235(n,n'ta)Th-228	TALYS-6a	0	[8]	30
Np-235(n,ha)Ac-229	TALYS-6a	0		100
Np-235(n,4n2a)Ac-224	TALYS-6a	0	[8]	25
Np-235(n,4npa)Th-227	TALYS-6a	0	[8]	18
Np-236(n,n')Np-236m	TALYS-6a	0		90
Np-236(n,2nd)U-233	TALYS-6a	0	[8,7,8]	29
>Np-236(n,2n)Np-235	TALYS-5	0	[7,8,4]	57
>Np-236(n,3n)Np-234	TALYS-5	0	[7,8,4]	36
Np-236(n,f)	ENDF/B-VII.2	4	[13,12]	1786
Np-236(n,n'a)Pa-232	TALYS-6a	0		100
Np-236(n,2na)Pa-231	TALYS-6a	0	[8,7,8]	53
Np-236(n,3na)Pa-230	TALYS-6a	0	[8,7,8]	34
Np-236(n,n'p)U-235g	TALYS-6a	0		52
Np-236(n,n'p)U-235m	TALYS-6a	0		52
Np-236(n,n'2a)Ac-228	TALYS-6a	0		100
Np-236(n,2n2a)Ac-227	TALYS-6a	0		100
Np-236(n,n'd)U-234	TALYS-6a	0	[8,7,8]	40
Np-236(n,n't)U-233	TALYS-6a	0	[8,7,8]	38
Np-236(n,n'h)Pa-233	TALYS-6a	0	[8,7,8]	30
Np-236(n,4n)Np-233	TALYS-6a	0		28
Np-236(n,2np)U-234	TALYS-6a	0	[8,7,8]	38
Np-236(n,3np)U-233	TALYS-6a	0	[8,7,8]	27
Np-236(n,n'2p)Pa-234g	TALYS-6a	0	[4,8]	27
Np-236(n,n'2p)Pa-234m	TALYS-6a	0	[4,7,8,8]	26
Np-236(n,n'pa)Th-231	TALYS-6a	0	[8,7,8]	39
Np-236(n,g)Np-237	MASGAM	2	[14,13,3]	83
Np-236(n,p)U-236	TALYS-6a	0	[2]	100
Np-236(n,d)U-235g	TALYS-6a	0		57
Np-236(n,d)U-235m	TALYS-6a	0		58
Np-236(n,t)U-234	TALYS-6a	0	[8,7,8]	61
Np-236(n,h)Pa-234g	TALYS-6a	0	[4,8]	39
Np-236(n,h)Pa-234m	TALYS-6a	0	[4,7,8,8]	38
Np-236(n,a)Pa-233	TALYS-6a	0	[2]	100
Np-236(n,2a)Ac-229	TALYS-6a	0	[10]	100
Np-236(n,2p)Pa-235	TALYS-6a	0	[8,7,8]	33
Np-236(n,pd)Pa-234g	TALYS-6a	0	[4,8]	28
Np-236(n,pd)Pa-234m	TALYS-6a	0	[4,7,8,8]	27
Np-236(n,da)Th-231	TALYS-6a	0		100
Np-236(n,5n)Np-232	TALYS-6a	0		20
Np-236(n,6n)Np-231	TALYS-6a	0		15
Np-236(n,2nt)U-232	TALYS-6a	0	[8,7,8]	28
Np-236(n,4np)U-232	TALYS-6a	0	[8,7,8]	21
Np-236(n,3nd)U-232	TALYS-6a	0	[8]	23
Np-236(n,2npa)Th-230	TALYS-6a	0	[8,7,8]	30
Np-236(n,7n)Np-230	TALYS-6a	0		11
Np-236(n,5np)U-231	TALYS-6a	0	[8,7,8]	15
Np-236(n,6np)U-230	TALYS-6a	0	[8]	12
Np-236(n,4na)Pa-229	TALYS-6a	0	[8]	27
Np-236(n,7na)Pa-226	TALYS-6a	0	[8,7,8]	11
Np-236(n,4nd)U-231	TALYS-6a	0	[8,7,8]	16
Np-236(n,5nd)U-230	TALYS-6a	0	[8]	13
Np-236(n,3nt)U-231	TALYS-6a	0	[8,7,8]	21
Np-236(n,4nt)U-230	TALYS-6a	0	[8]	16
Np-236(n,5nt)U-229	TALYS-6a	0	[8]	12
Np-236(n,2nh)Pa-232	TALYS-6a	0	[8,7,8]	24
Np-236(n,3nh)Pa-231	TALYS-6a	0	[8,7,8]	18
Np-236(n,4nh)Pa-230	TALYS-6a	0	[8,7,8]	14
Np-236(n,3n2p)Pa-232	TALYS-6a	0	[8]	16
Np-236(n,3n2a)Ac-226	TALYS-6a	0	[8,7,8]	29
+Np-236(n,3npa)Th-229g	TALYS-6a	0	[4,8,7,8]	23
+Np-236(n,3npa)Th-229m	TALYS-6a	0	[4,7,8,8]	23
Np-236(n,n'pd)Pa-232	TALYS-6a	0	[8,7,8]	23
Np-236(n,2n2p)Pa-233	TALYS-6a	0	[8,7,8]	22
Np-236(n,4n2p)Pa-231	TALYS-6a	0	[8,7,8]	13
Np-236(n,4n2a)Ac-225	TALYS-6a	0	[8,7,8]	24
Np-236(n,4npa)Th-228	TALYS-6a	0	[8]	18
Np-236(n,5n2p)Pa-230	TALYS-6a	0	[8,7,8]	10
Np-236m(n,2nd)U-233	TALYS-6a	0	[8,7,8]	29
Np-236m(n,2n)Np-235	TALYS-5	0	[7,8]	57
Np-236m(n,3n)Np-234	TALYS-5	0	[7,8]	36
>Np-236m(n,f)	TALYS-6a	0	[8,8,10,11]	111
Np-236m(n,n'a)Pa-232	TALYS-6a	0		100
Np-236m(n,2na)Pa-231	TALYS-6a	0	[8,7,8]	53
Np-236m(n,3na)Pa-230	TALYS-6a	0	[8,7,8]	34
Np-236m(n,n'p)U-235g	TALYS-6a	0		53
Np-236m(n,n'p)U-235m	TALYS-6a	0		53
Np-236m(n,2n2a)Ac-227	TALYS-6a	0		100
Np-236m(n,n'd)U-234	TALYS-6a	0	[8,7,8]	40
Np-236m(n,n't)U-233	TALYS-6a	0	[8,7,8]	38
Np-236m(n,n'h)Pa-233	TALYS-6a	0	[8,7,8]	30
Np-236m(n,4n)Np-233	TALYS-6a	0		28
Np-236m(n,2np)U-234	TALYS-6a	0	[8,7,8]	38
Np-236m(n,3np)U-233	TALYS-6a	0	[8,7,8]	27
Np-236m(n,n'2p)Pa-234g	TALYS-6a	0	[4,8]	27
Np-236m(n,n'2p)Pa-234m	TALYS-6a	0	[4,7,8,8]	26
Np-236m(n,n'pa)Th-231	TALYS-6a	0	[8,7,8]	38
Np-236m(n,g)Np-237	TALYS-6a	0	[14]	100
Np-236m(n,p)U-236	TALYS-6a	0	[2]	100
Np-236m(n,d)U-235g	TALYS-6a	0		58
Np-236m(n,d)U-235m	TALYS-6a	0		58
Np-236m(n,t)U-234	TALYS-6a	0	[8,7,8]	61
Np-236m(n,h)Pa-234g	TALYS-6a	0	[4,8]	35

Reaction	Library	Flag / Refs	Value
Np-236m(n,h)Pa-234m	TALYS-6a	0 [4,7,8,8]	34
Np-236m(n,a)Pa-233	TALYS-6a	0 [2]	100
Np-236m(n,2a)Ac-229	TALYS-6a	0	100
Np-236m(n,2p)Pa-235	TALYS-6a	0 [8,7,8]	33
Np-236m(n,pa)Th-232	TALYS-6a	0	100
Np-236m(n,pd)Pa-234g	TALYS-6a	0 [4,8]	28
Np-236m(n,pd)Pa-234m	TALYS-6a	0 [4,7,8,8]	27
Np-236m(n,5n)Np-232	TALYS-6a	0	20
Np-236m(n,6n)Np-231	TALYS-6a	0	15
Np-236m(n,2nt)U-232	TALYS-6a	0 [8,7,8]	29
Np-236m(n,4np)U-232	TALYS-6a	0 [8,7,8]	21
Np-236m(n,3nd)U-232	TALYS-6a	0 [8]	23
Np-236m(n,n'da)Th-230	TALYS-6a	0 [8,7,8]	31
Np-236m(n,2npa)Th-230	TALYS-6a	0 [8,7,8]	30
Np-236m(n,7n)Np-230	TALYS-6a	0	11
Np-236m(n,5np)U-231	TALYS-6a	0 [8,7,8]	15
Np-236m(n,6np)U-230	TALYS-6a	0 [8]	12
Np-236m(n,4na)Pa-229	TALYS-6a	0 [8]	27
Np-236m(n,5na)Pa-228	TALYS-6a	0 [8,7,8]	20
Np-236m(n,6na)Pa-227	TALYS-6a	0 [8]	15
Np-236m(n,4nd)U-231	TALYS-6a	0 [8,7,8]	16
Np-236m(n,5nd)U-230	TALYS-6a	0 [8]	13
Np-236m(n,3nt)U-231	TALYS-6a	0 [8,7,8]	21
Np-236m(n,4nt)U-230	TALYS-6a	0 [8]	16
Np-236m(n,5nt)U-229	TALYS-6a	0 [8]	12
Np-236m(n,2nh)Pa-232	TALYS-6a	0 [8,7,8]	24
Np-236m(n,3nh)Pa-231	TALYS-6a	0 [8,7,8]	18
Np-236m(n,4nh)Pa-230	TALYS-6a	0 [8,7,8]	14
Np-236m(n,3n2p)Pa-232	TALYS-6a	0 [8]	16
Np-236m(n,3n2a)Ac-226	TALYS-6a	0 [8,7,8]	28
Np-236m(n,3npa)Th-229g	TALYS-6a	0 [4,8,7,8]	23
Np-236m(n,3npa)Th-229m	TALYS-6a	0 [4,7,8,8]	23
Np-236m(n,n'pd)Pa-233	TALYS-6a	0 [8,7,8]	23
Np-236m(n,n'pt)Pa-232	TALYS-6a	0 [8]	23
Np-236m(n,2n2p)Pa-233	TALYS-6a	0 [8,7,8]	22
Np-236m(n,4n2p)Pa-231	TALYS-6a	0 [8,7,8]	13
Np-236m(n,4n2a)Ac-225	TALYS-6a	0 [8,7,8]	24
Np-236m(n,4npa)Th-228	TALYS-6a	0 [8]	17
Np-236m(n,5n2p)Pa-230	TALYS-6a	0 [8,7,8]	10
Np-237(n,2nd)U-234	TALYS-6a	0	30
Np-237(n,2n)Np-236g	JEF-2.2	2 [13,4,7,8]	48
>Np-237(n,2n)Np-236m	JEF-2.2	5 [3]	23
Np-237(n,3n)Np-235	TALYS-5	0	37
Np-237(n,f)	JEF-2.2	6 [13,4]	14142
Np-237(n,n'a)Pa-233	TALYS-6a	0	100
Np-237(n,2na)Pa-232	TALYS-6a	0 [8]	47
Np-237(n,3na)Pa-231	TALYS-6a	0 [8]	35
Np-237(n,n'p)U-236	TALYS-6a	0 [8]	53
Np-237(n,n'2a)Ac-229	TALYS-6a	0	100
Np-237(n,2n2a)Ac-228	TALYS-6a	0	100
Np-237(n,n'd)U-235g	TALYS-6a	0	37
Np-237(n,n'd)U-235m	TALYS-6a	0	37
Np-237(n,n't)U-234	TALYS-6a	0 [8]	38
Np-237(n,n'h)Pa-234g	TALYS-6a	0 [4,8]	28
Np-237(n,n'h)Pa-234m	TALYS-6a	0 [4,7,8,8]	27
Np-237(n,4n)Np-234	TALYS-6a	0	27
Np-237(n,2np)U-235g	TALYS-6a	0	35
Np-237(n,2np)U-235m	TALYS-6a	0	35
Np-237(n,3np)U-234	TALYS-6a	0 [8]	28
Np-237(n,n'2p)Pa-235	TALYS-6a	0 [8]	26
Np-237(n,g)Np-238	JENDL-3.3	4 [7,13]	40034
Np-237(n,p)U-237	TALYS-5	2 [3]	100
Np-237(n,d)U-236	TALYS-6a	0 [8]	59
Np-237(n,t)U-235g	TALYS-6a	0	55
Np-237(n,t)U-235m	TALYS-6a	0	54
Np-237(n,h)Pa-235	TALYS-6a	0 [8]	37
Np-237(n,a)Pa-234g	TALYS-6a	0 [4,2]	100
Np-237(n,a)Pa-234m	TALYS-6a	0 [4,7,2]	100
Np-237(n,2a)Ac-230	TALYS-6a	0 [10]	100
Np-237(n,2p)Pa-236	TALYS-6a	0 [8]	30
Np-237(n,pa)Th-233	TALYS-6a	0	100
Np-237(n,pd)Pa-235	TALYS-6a	0 [8]	27
Np-237(n,5n)Np-233	TALYS-6a	0	21
Np-237(n,6n)Np-232	TALYS-6a	0	15
Np-237(n,2nt)U-233	TALYS-6a	0 [8]	28
Np-237(n,ta)Th-231	TALYS-6a	0	100
Np-237(n,4np)U-233	TALYS-6a	0 [8]	21
Np-237(n,3nd)U-233	TALYS-6a	0 [8]	22
Np-237(n,n'da)Th-231	TALYS-6a	0 [8]	29
Np-237(n,2npa)Th-231	TALYS-6a	0 [8]	28
Np-237(n,7n)Np-231	TALYS-6a	0	12
Np-237(n,5np)U-232	TALYS-6a	0 [8]	16
Np-237(n,6np)U-231	TALYS-6a	0 [8,7,8]	12
Np-237(n,4na)Pa-230	TALYS-6a	0 [8]	26
Np-237(n,5na)Pa-229	TALYS-6a	0 [8]	20
Np-237(n,4nd)U-232	TALYS-6a	0 [8]	16
Np-237(n,5nd)U-231	TALYS-6a	0 [8,7,8]	12
Np-237(n,6nd)U-230	TALYS-6a	0 [8]	9
Np-237(n,3nt)U-232	TALYS-6a	0 [8]	22
Np-237(n,4nt)U-231	TALYS-6a	0 [8,7,8]	15
Np-237(n,5nt)U-230	TALYS-6a	0 [8]	12
Np-237(n,2nh)Pa-233	TALYS-6a	0 [8]	24
Np-237(n,3nh)Pa-232	TALYS-6a	0 [8]	17
Np-237(n,4nh)Pa-231	TALYS-6a	0 [8]	14
Np-237(n,3n2p)Pa-233	TALYS-6a	0 [8]	16
Np-237(n,3n2a)Ac-227	TALYS-6a	0 [8]	28
Np-237(n,3npa)Th-230	TALYS-6a	0 [8]	23
Np-237(n,n'pd)Pa-234g	TALYS-6a	0 [4,8]	22
Np-237(n,n'pd)Pa-234m	TALYS-6a	0 [4,7,8,8]	21
Np-237(n,2n2p)Pa-234g	TALYS-6a	0 [4,8]	21
Np-237(n,2n2p)Pa-234m	TALYS-6a	0 [4,7,8,8]	20
Np-237(n,4n2p)Pa-232	TALYS-6a	0 [8]	13
Np-237(n,4n2a)Ac-226	TALYS-6a	0 [8]	20
+Np-237(n,4npa)Th-229g	TALYS-6a	0 [4,8]	16
+Np-237(n,4npa)Th-229m	TALYS-6a	0 [4,7,8,8]	16
Np-237(n,5n2p)Pa-231	TALYS-6a	0 [8]	10
Np-238(n,2nd)U-235g	TALYS-6a	0	29
Np-238(n,2nd)U-235m	TALYS-6a	0	29
>Np-238(n,2n)Np-237	TALYS-5	0 [4]	58
>Np-238(n,3n)Np-236g	TALYS-5	0 [7,8,4]	37
>Np-238(n,3n)Np-236m	TALYS-5	0 [7,8,4]	37
Np-238(n,f)	MASLOV	4 [13,12]	3073
Np-238(n,n'a)Pa-234g	TALYS-6a	0 [4]	100
Np-238(n,n'a)Pa-234m	TALYS-6a	0 [4,7]	100
Np-238(n,2na)Pa-233	TALYS-6a	0 [8]	53
Np-238(n,3na)Pa-232	TALYS-6a	0 [8]	34
Np-238(n,n'p)U-237	TALYS-6a	0 [8]	50
Np-238(n,n'2a)Ac-230	TALYS-6a	0	100
Np-238(n,2n2a)Ac-229	TALYS-6a	0	100
Np-238(n,n'd)U-236	TALYS-6a	0 [8]	39
Np-238(n,n't)U-235g	TALYS-6a	0	38
Np-238(n,n't)U-235m	TALYS-6a	0	38
Np-238(n,n'h)Pa-235	TALYS-6a	0 [8]	29
Np-238(n,4n)Np-235	TALYS-6a	0	29
Np-238(n,2np)U-236	TALYS-6a	0 [8]	37
Np-238(n,3np)U-235g	TALYS-6a	0	27
Np-238(n,3np)U-235m	TALYS-6a	0	27
Np-238(n,n'2p)Pa-236	TALYS-6a	0 [8]	25
Np-238(n,n'pa)Th-233	TALYS-6a	0 [8]	36
Np-238(n,g)Np-239	TALYS-5a	0	100
Np-238(n,p)U-238	TALYS-6a	0 [2]	100
Np-238(n,d)U-237	TALYS-6a	0 [8]	56
Np-238(n,t)U-236	TALYS-6a	0 [8]	60
Np-238(n,h)Pa-236	TALYS-6a	0 [8]	36
Np-238(n,a)Pa-235	TALYS-6a	0 [2]	100
Np-238(n,2p)Pa-237	TALYS-6a	0 [8]	30
Np-238(n,pd)Pa-236	TALYS-6a	0 [8]	26
Np-238(n,da)Th-233	TALYS-6a	0	100
Np-238(n,5n)Np-234	TALYS-6a	0	22
Np-238(n,6n)Np-233	TALYS-6a	0	16
Np-238(n,2nt)U-234	TALYS-6a	0 [8]	29
Np-238(n,4np)U-234	TALYS-6a	0 [8]	22
Np-238(n,3nd)U-234	TALYS-6a	0 [8]	24
Np-238(n,n'da)Th-232	TALYS-6a	0 [8]	31
Np-238(n,2npa)Th-232	TALYS-6a	0 [8]	29
Np-238(n,5np)U-233	TALYS-6a	0 [8]	16
Np-238(n,4na)Pa-231	TALYS-6a	0 [8]	27
Np-238(n,5na)Pa-230	TALYS-6a	0 [8]	20
Np-238(n,6na)Pa-229	TALYS-6a	0 [8]	15
Np-238(n,4nd)U-233	TALYS-6a	0 [8]	16
Np-238(n,5nd)U-232	TALYS-6a	0 [8]	13
Np-238(n,3nt)U-233	TALYS-6a	0 [8]	22
Np-238(n,4nt)U-232	TALYS-6a	0 [8]	16
Np-238(n,2nh)Pa-234g	TALYS-6a	0 [4,8]	23
Np-238(n,2nh)Pa-234m	TALYS-6a	0 [4,7,8,8]	22
Np-238(n,3nh)Pa-233	TALYS-6a	0 [8]	18
Np-238(n,4nh)Pa-232	TALYS-6a	0 [8]	14
Np-238(n,3n2p)Pa-234g	TALYS-6a	0 [4,8]	16
Np-238(n,3n2p)Pa-234m	TALYS-6a	0 [4,7,8,8]	15
Np-238(n,3n2a)Ac-228	TALYS-6a	0 [8]	25
Np-238(n,3npa)Th-231	TALYS-6a	0 [8]	22
Np-238(n,n'pd)Pa-235	TALYS-6a	0 [8]	22
Np-238(n,n'ta)Th-231	TALYS-6a	0 [8]	29
Np-238(n,2n2p)Pa-235	TALYS-6a	0 [8]	21
Np-238(n,4n2p)Pa-233	TALYS-6a	0 [8]	13
Np-238(n,4n2a)Ac-227	TALYS-6a	0 [8]	22
Np-238(n,4npa)Th-230	TALYS-6a	0 [8]	18
Np-238(n,3n2pa)Ac-230	TALYS-6a	0 [8]	11
Np-239(n,2nd)U-236	TALYS-6a	0 [8]	29
>Np-239(n,2n)Np-238	TALYS-5	0 [4]	54
>Np-239(n,3n)Np-237	TALYS-5	0 [4]	38
>Np-239(n,f)	WIND	2 [7,5,8,10,11]	80
Np-239(n,n'a)Pa-235	TALYS-6a	0	100
Np-239(n,2na)Pa-234g	TALYS-6a	0 [4,8]	48
Np-239(n,2na)Pa-234m	TALYS-6a	0 [4,7,8,8]	47
Np-239(n,3na)Pa-233	TALYS-6a	0 [8]	36
Np-239(n,n'p)U-238	TALYS-6a	0 [8]	50
Np-239(n,n'2a)Ac-231	TALYS-6a	0	100
Np-239(n,2n2a)Ac-230	TALYS-6a	0	100
Np-239(n,n'd)U-237	TALYS-6a	0 [8]	37
Np-239(n,n't)U-236	TALYS-6a	0 [8]	39
Np-239(n,n'h)Pa-236	TALYS-6a	0 [8]	28
Np-239(n,4n)Np-236g	TALYS-6a	0	28
Np-239(n,4n)Np-236m	TALYS-6a	0	28
Np-239(n,2np)U-237	TALYS-6a	0 [8]	35
Np-239(n,3np)U-236	TALYS-6a	0 [8]	28
Np-239(n,n'2p)Pa-237	TALYS-6a	0 [8]	24
Np-239(n,n'pa)Th-234	TALYS-6a	0 [8]	36
>Np-239(n,g)Np-240g	JEF-2.2	2 [13,4,6,12,4]	249
>Np-239(n,g)Np-240m	JEF-2.2	2 [13,4,6,12,4]	249
Np-239(n,p)U-239	TALYS-6a	0 [2,8]	75
Np-239(n,d)U-238	TALYS-6a	0 [8]	56
Np-239(n,t)U-237	TALYS-6a	0 [8]	53
Np-239(n,h)Pa-237	TALYS-6a	0 [8]	35
Np-239(n,a)Pa-236	TALYS-6a	0 [2]	100
Np-239(n,2p)Pa-238	TALYS-6a	0 [8]	27
Np-239(n,pa)Th-235	TALYS-6a	0	100
Np-239(n,pd)Pa-237	TALYS-6a	0 [8]	25
Np-239(n,5n)Np-235	TALYS-6a	0	22
Np-239(n,6n)Np-234	TALYS-6a	0	16
Np-239(n,2nt)U-235g	TALYS-6a	0	28
Np-239(n,2nt)U-235m	TALYS-6a	0	28
Np-239(n,ta)Th-233	TALYS-6a	0	100
Np-239(n,4np)U-235g	TALYS-6a	0	21
Np-239(n,4np)U-235m	TALYS-6a	0	21
Np-239(n,3nd)U-235g	TALYS-6a	0	22
Np-239(n,3nd)U-235m	TALYS-6a	0	22
Np-239(n,n'da)Th-233	TALYS-6a	0 [8]	29
Np-239(n,2npa)Th-233	TALYS-6a	0 [8]	28
Np-239(n,7n)Np-233	TALYS-6a	0	13
Np-239(n,8n)Np-232	TALYS-6a	0	9
Np-239(n,5np)U-234	TALYS-6a	0 [8]	16
Np-239(n,6np)U-233	TALYS-6a	0 [8]	12
Np-239(n,7np)U-232	TALYS-6a	0 [8]	9
Np-239(n,4na)Pa-232	TALYS-6a	0 [8]	26
Np-239(n,5na)Pa-231	TALYS-6a	0 [8]	21

Reaction	Library		References	Value
Np-239(n,6na)Pa-230	TALYS-6a	0	[8]	15
Np-239(n,7na)Pa-229	TALYS-6a	0	[8]	12
Np-239(n,4nd)U-234	TALYS-6a	0	[8]	17
Np-239(n,5nd)U-233	TALYS-6a	0	[8]	13
Np-239(n,6nd)U-232	TALYS-6a	0	[8]	10
Np-239(n,3nt)U-234	TALYS-6a	0	[8]	23
Np-239(n,4nt)U-233	TALYS-6a	0	[8]	16
Np-239(n,5nt)U-232	TALYS-6a	0	[8]	13
Np-239(n,6nt)U-231	TALYS-6a	0	[8,7,8]	9
Np-239(n,2nh)Pa-235	TALYS-6a	0	[8]	23
Np-239(n,3nh)Pa-234g	TALYS-6a	0	[4,8]	17
Np-239(n,3nh)Pa-234m	TALYS-6a	0	[4,7,8,8]	16
Np-239(n,4nh)Pa-233	TALYS-6a	0	[8]	14
Np-239(n,3n2p)Pa-235	TALYS-6a	0	[8]	16
Np-239(n,3n2a)Ac-229	TALYS-6a	0	[8]	26
Np-239(n,3npa)Th-232	TALYS-6a	0	[8]	24
Np-239(n,n'pd)Pa-236	TALYS-6a	0	[8]	20
Np-239(n,2n2p)Pa-236	TALYS-6a	0	[8]	19
Np-239(n,4n2p)Pa-234g	TALYS-6a	0	[4,8]	12
Np-239(n,4n2p)Pa-234m	TALYS-6a	0	[4,7,8,8]	11
Np-239(n,4n2a)Ac-228	TALYS-6a	0	[8]	18
Np-239(n,4npa)Th-231	TALYS-6a	0	[8]	16
Np-239(n,5n2p)Pa-233	TALYS-6a	0	[8]	10
Pu-234(n,2nd)Np-231	TALYS-6a	0	[8]	27
Pu-234(n,2n)Pu-233	TALYS-5	0		46
Pu-234(n,3n)Pu-232	TALYS-5	0		33
>Pu-234(n,f)	TALYS-6a	0	[7,8,8,10,15]	97
Pu-234(n,n'a)U-230	TALYS-6a	0		100
Pu-234(n,2na)U-229	TALYS-6a	0	[8]	46
Pu-234(n,3na)U-228	TALYS-6a	0	[8]	34
Pu-234(n,n'p)Np-233	TALYS-6a	0	[8,7,8]	53
Pu-234(n,n'2a)Th-226	TALYS-6a	0		100
Pu-234(n,2n2a)Th-225	TALYS-6a	0		100
Pu-234(n,n'd)Np-232	TALYS-6a	0	[8,7,8]	36
Pu-234(n,n't)Np-231	TALYS-6a	0	[8]	33
Pu-234(n,n'h)U-231	TALYS-6a	0	[8,7,8]	30
Pu-234(n,2np)Np-232	TALYS-6a	0	[8,7,8]	33
Pu-234(n,3np)Np-231	TALYS-6a	0	[8]	26
Pu-234(n,n'2p)U-232	TALYS-6a	0	[8]	31
Pu-234(n,n'pa)Pa-229	TALYS-6a	0		100
Pu-234(n,g)Pu-235	TALYS-6a	0	[14]	100
Pu-234(n,p)Np-234	TALYS-6a	0	[2]	100
Pu-234(n,d)Np-233	TALYS-6a	0	[8,7,8]	59
Pu-234(n,t)Np-232	TALYS-6a	0	[8,7,8]	50
Pu-234(n,h)U-232	TALYS-6a	0	[8]	44
Pu-234(n,a)U-231	TALYS-6a	0	[2]	100
Pu-234(n,2a)Th-227	TALYS-6a	0		100
Pu-234(n,2p)U-233	TALYS-6a	0	[8]	42
Pu-234(n,pd)U-232	TALYS-6a	0	[8]	32
Pu-234(n,2nt)Np-230	TALYS-6a	0	[8]	25
Pu-234(n,4np)Np-230	TALYS-6a	0	[8]	18
Pu-234(n,3nd)Np-230	TALYS-6a	0	[8]	19
Pu-234(n,n'da)Pa-228	TALYS-6a	0	[8,7,8]	31
Pu-234(n,2npa)Pa-228	TALYS-6a	0	[8,7,8]	30
Pu-234(n,2nh)U-230	TALYS-6a	0	[8]	25
Pu-234(n,3nh)U-229	TALYS-6a	0	[8]	17
Pu-234(n,3n2p)U-230	TALYS-6a	0	[8]	17
Pu-234(n,3n2a)Th-224	TALYS-6a	0	[8]	33
Pu-234(n,3npa)Pa-227	TALYS-6a	0	[8]	24
Pu-234(n,n'pd)U-231	TALYS-6a	0	[8,7,8]	24
Pu-234(n,n'pt)U-230	TALYS-6a	0	[8]	24
Pu-234(n,n'dt)U-229	TALYS-6a	0	[8]	17
Pu-234(n,n'ta)Pa-227	TALYS-6a	0	[8]	28
Pu-234(n,2n2p)U-231	TALYS-6a	0	[8,7,8]	23
Pu-234(n,ha)Th-228	TALYS-6a	0		100
Pu-234(n,4npa)Pa-226	TALYS-6a	0	[8]	18
Pu-236(n,2nd)Np-233	TALYS-6a	0	[8,7,8]	27
>Pu-236(n,2n)Pu-235	TALYS-5	0	[7,8,4]	48
>Pu-236(n,3n)Pu-234	TALYS-5	0	[4]	34
Pu-236(n,f)	JENDL-3.3	4	[7,12,3]	1310
Pu-236(n,n'a)U-232	TALYS-6a	0	[10]	100
Pu-236(n,2na)U-231	TALYS-6a	0	[8,7,8]	47
Pu-236(n,3na)U-230	TALYS-6a	0	[8]	34
Pu-236(n,n'p)Np-235	TALYS-6a	0	[8]	50
Pu-236(n,n'2a)Th-228	TALYS-6a	0	[10]	100
Pu-236(n,2n2a)Th-227	TALYS-6a	0	[10]	100
Pu-236(n,n'd)Np-234	TALYS-6a	0	[8]	35
Pu-236(n,n't)Np-233	TALYS-6a	0	[8,7,8]	35
Pu-236(n,n'h)U-233	TALYS-6a	0	[8]	30
Pu-236(n,n'd2a)Ac-226	TALYS-6a	0	[10]	100
Pu-236(n,4n)Pu-233	TALYS-6a	0	[12]	25
Pu-236(n,2np)Np-234	TALYS-6a	0	[8]	33
Pu-236(n,3np)Np-233	TALYS-6a	0	[8,7,8]	26
Pu-236(n,n'2p)U-234	TALYS-6a	0	[8]	29
Pu-236(n,n'pa)Pa-231	TALYS-6a	0	[8]	40
Pu-236(n,g)Pu-237g	JENDL-3.3	0	[13,4,6,4]	1327
Pu-236(n,g)Pu-237m	JENDL-3.3	0	[13,4,6,4]	1327
Pu-236(n,p)Np-236g	TALYS-6a	0	[2]	100
Pu-236(n,p)Np-236m	TALYS-6a	0	[2]	100
Pu-236(n,d)Np-235	TALYS-6a	0	[8]	55
Pu-236(n,t)Np-234	TALYS-6a	0	[8]	48
Pu-236(n,h)U-234	TALYS-6a	0	[8]	42
Pu-236(n,a)U-233	TALYS-6a	0	[2]	100
+Pu-236(n,2a)Th-229g	TALYS-6a	0	[4,10]	100
+Pu-236(n,2a)Th-229m	TALYS-6a	0	[4,7,10]	100
Pu-236(n,2p)U-235g	TALYS-6a	0		37
Pu-236(n,2p)U-235m	TALYS-6a	0		37
Pu-236(n,pa)Pa-232	TALYS-6a	0	[10]	100
Pu-236(n,pd)U-234	TALYS-6a	0	[8]	30
Pu-236(n,da)Pa-231	TALYS-6a	0	[10]	100
Pu-236(n,5n)Pu-232	TALYS-6a	0		19
Pu-236(n,2nt)Np-232	TALYS-6a	0	[8,7,8]	25
Pu-236(n,ta)Pa-230	TALYS-6a	0	[15,10]	100
Pu-236(n,4np)Np-232	TALYS-6a	0	[8,7,8]	18
Pu-236(n,3nd)Np-232	TALYS-6a	0	[8,7,8]	20
Pu-236(n,n'da)Pa-230	TALYS-6a	0	[8,15]	30
Pu-236(n,2npa)Pa-230	TALYS-6a	0	[8,15]	29
Pu-236(n,5np)Np-231	TALYS-6a	0	[8]	14
Pu-236(n,4na)U-229	TALYS-6a	0	[8]	25
Pu-236(n,5na)U-228	TALYS-6a	0	[8]	19
Pu-236(n,4nd)Np-231	TALYS-6a	0	[8]	15
Pu-236(n,3nt)Np-231	TALYS-6a	0	[8]	18
Pu-236(n,4nt)Np-230	TALYS-6a	0	[8]	14
Pu-236(n,2nh)U-232	TALYS-6a	0	[8]	24
Pu-236(n,3nh)U-231	TALYS-6a	0	[8,7,8]	17
Pu-236(n,4nh)U-230	TALYS-6a	0	[8]	14
Pu-236(n,3n2p)U-232	TALYS-6a	0	[8]	16
Pu-236(n,3n2a)Th-226	TALYS-6a	0	[8]	30
Pu-236(n,3npa)Pa-229	TALYS-6a	0	[8]	24
Pu-236(n,n'pd)U-233	TALYS-6a	0	[8]	23
Pu-236(n,n'ta)Pa-229	TALYS-6a	0	[8]	31
Pu-236(n,2n2p)U-233	TALYS-6a	0	[8]	22
Pu-236(n,4n2p)U-231	TALYS-6a	0	[8,7,8]	12
Pu-236(n,4n2a)Th-225	TALYS-6a	0	[8]	25
Pu-236(n,3n2pa)Th-228	TALYS-6a	0	[8]	14
Pu-237(n,n')Pu-237m	TALYS-6a	0		89
Pu-237(n,2nd)Np-234	TALYS-6a	0	[8]	28
Pu-237(n,2n)Pu-236	TALYS-5	0	[4]	56
Pu-237(n,3n)Pu-235	TALYS-5	0	[7,8]	35
Pu-237(n,f)	JEF-2.2	2	[13,12,4]	181
Pu-237(n,n'a)U-233	TALYS-6a	0	[10]	100
Pu-237(n,n'3a)Ra-225	TALYS-6a	0	[10]	100
Pu-237(n,2na)U-232	TALYS-6a	0	[8]	53
Pu-237(n,3na)U-231	TALYS-6a	0	[8,7,8]	34
Pu-237(n,n'p)Np-236g	TALYS-6a	0		49
Pu-237(n,n'p)Np-236m	TALYS-6a	0		48
+Pu-237(n,n'2a)Th-229g	TALYS-6a	0	[4,10]	100
+Pu-237(n,n'2a)Th-229m	TALYS-6a	0	[4,7,10]	100
Pu-237(n,2n2a)Th-228	TALYS-6a	0	[10]	100
Pu-237(n,n'd)Np-235	TALYS-6a	0	[8]	37
Pu-237(n,n't)Np-234	TALYS-6a	0	[8]	34
Pu-237(n,n'h)U-234	TALYS-6a	0	[8]	31
Pu-237(n,n'd2a)Ac-227	TALYS-6a	0	[10]	100
Pu-237(n,4n)Pu-234	TALYS-6a	0		27
Pu-237(n,2np)Np-235	TALYS-6a	0	[8]	35
Pu-237(n,3np)Np-234	TALYS-6a	0	[8]	26
Pu-237(n,n'2p)U-235g	TALYS-6a	0		28
Pu-237(n,n'2p)U-235m	TALYS-6a	0		28
Pu-237(n,g)Pu-238	JENDL-3.3	0	[14,13,3]	983
Pu-237(n,p)Np-237	TALYS-6a	0	[2]	100
Pu-237(n,d)Np-236g	TALYS-6a	0		54
Pu-237(n,d)Np-236m	TALYS-6a	0		55
Pu-237(n,t)Np-235	TALYS-6a	0	[8]	55
Pu-237(n,h)U-235g	TALYS-6a	0		38
Pu-237(n,h)U-235m	TALYS-6a	0		40
Pu-237(n,a)U-234	TALYS-6a	0	[2]	100
Pu-237(n,2a)Th-230	TALYS-6a	0	[10]	100
Pu-237(n,3a)Ra-226	TALYS-6a	0	[10]	100
Pu-237(n,2p)U-236	TALYS-6a	0	[8]	37
Pu-237(n,pa)Pa-233	TALYS-6a	0	[10]	100
Pu-237(n,t2a)Ac-227	TALYS-6a	0	[10]	100
Pu-237(n,2nt)Np-233	TALYS-6a	0	[8,7,8]	27
Pu-237(n,ta)Pa-231	TALYS-6a	0	[10]	100
Pu-237(n,4np)Np-233	TALYS-6a	0	[8,7,8]	20
Pu-237(n,3nd)Np-233	TALYS-6a	0	[8,7,8]	21
Pu-237(n,n'da)Pa-231	TALYS-6a	0	[8]	30
Pu-237(n,2npa)Pa-231	TALYS-6a	0	[8]	30
Pu-237(n,4na)U-230	TALYS-6a	0	[8]	27
Pu-237(n,5na)U-229	TALYS-6a	0	[8]	19
Pu-237(n,6na)U-228	TALYS-6a	0	[8]	15
Pu-237(n,4nd)Np-232	TALYS-6a	0	[8,7,8]	15
Pu-237(n,3nt)Np-232	TALYS-6a	0	[8,7,8]	19
Pu-237(n,2nh)U-233	TALYS-6a	0	[8]	24
Pu-237(n,3nh)U-232	TALYS-6a	0	[8]	18
Pu-237(n,3n2p)U-233	TALYS-6a	0	[8]	16
Pu-237(n,3n2a)Th-227	TALYS-6a	0	[8]	31
Pu-237(n,n'pd)U-234	TALYS-6a	0	[8]	24
Pu-237(n,n'pt)U-233	TALYS-6a	0	[8]	23
Pu-237(n,2n2p)U-234	TALYS-6a	0	[8]	23
Pu-237(n,ha)Th-231	TALYS-6a	0	[10]	100
Pu-237(n,4n2a)Th-226	TALYS-6a	0	[8]	24
Pu-237(n,4npa)Pa-229	TALYS-6a	0	[8]	18
+Pu-237(n,3n2pa)Th-229g	TALYS-6a	0	[4,8]	13
+Pu-237(n,3n2pa)Th-229m	TALYS-6a	0	[4,7,8,8]	13
Pu-238(n,2nd)Np-235	TALYS-6a	0	[8]	28
Pu-238(n,2n)Pu-237g	TALYS-5	0		50
Pu-238(n,2n)Pu-237m	TALYS-5	0		50
Pu-238(n,3n)Pu-236	TALYS-5	0		36
Pu-238(n,f)	JEF-2.2	4	[13,4]	8560
Pu-238(n,n'a)U-234	TALYS-6a	0		100
Pu-238(n,2na)U-233	TALYS-6a	0	[8]	48
Pu-238(n,3na)U-232	TALYS-6a	0	[8]	34
Pu-238(n,n'p)Np-237	TALYS-6a	0	[8]	46
+Pu-238(n,2n2a)Th-229g	TALYS-6a	0	[4]	100
+Pu-238(n,2n2a)Th-229m	TALYS-6a	0	[4,7]	100
Pu-238(n,n'd)Np-236g	TALYS-6a	0		35
Pu-238(n,n'd)Np-236m	TALYS-6a	0		35
Pu-238(n,n't)Np-235	TALYS-6a	0	[8]	35
Pu-238(n,n'h)U-235g	TALYS-6a	0		29
Pu-238(n,n'h)U-235m	TALYS-6a	0		29
Pu-238(n,4n)Pu-235	TALYS-6a	0		26
Pu-238(n,2np)Np-236g	TALYS-6a	0		32
Pu-238(n,2np)Np-236m	TALYS-6a	0		32
Pu-238(n,3np)Np-235	TALYS-6a	0	[8]	26
Pu-238(n,n'2p)U-236	TALYS-6a	0	[8]	27
Pu-238(n,n'pa)Pa-233	TALYS-6a	0	[8]	37
Pu-238(n,g)Pu-239	JENDL-3.3	4	[13,3]	13192
Pu-238(n,p)Np-238	TALYS-6a	0	[2,8]	75
Pu-238(n,d)Np-237	TALYS-6a	0	[8]	52
Pu-238(n,t)Np-236g	TALYS-6a	0		49
Pu-238(n,t)Np-236m	TALYS-6a	0		49
Pu-238(n,h)U-236	TALYS-6a	0	[8]	40
Pu-238(n,a)U-235g	TALYS-6a	0	[2]	100
Pu-238(n,a)U-235m	TALYS-6a	0	[2]	100
Pu-238(n,2a)Th-231	TALYS-6a	0	[10]	100
Pu-238(n,2p)U-237	TALYS-6a	0	[8]	33
Pu-238(n,pa)Pa-234g	TALYS-6a	0	[4]	100

Reaction	Library		Refs	
Pu-238(n,pa)Pa-234m	TALYS-6a	0	[4,7]	
Pu-238(n,pd)U-236	TALYS-6a	0	[8]	28
Pu-238(n,da)Pa-233	TALYS-6a	0		100
Pu-238(n,5n)Pu-234	TALYS-6a	0		20
Pu-238(n,6n)Pu-233	TALYS-6a	0	[15]	14
Pu-238(n,2nt)Np-234	TALYS-6a	0	[8]	25
Pu-238(n,4np)Np-234	TALYS-6a	0	[8]	19
Pu-238(n,3nd)Np-234	TALYS-6a	0	[8]	21
Pu-238(n,2npa)Pa-232	TALYS-6a	0	[8]	28
Pu-238(n,7n)Pu-232	TALYS-6a	0		11
Pu-238(n,5np)Np-233	TALYS-6a	0	[8,7,8]	15
Pu-238(n,6np)Np-232	TALYS-6a	0	[8,7,8]	11
Pu-238(n,4na)U-231	TALYS-6a	0	[8,7,8]	25
Pu-238(n,5na)U-230	TALYS-6a	0	[8]	19
Pu-238(n,7na)U-228	TALYS-6a	0	[8]	14
Pu-238(n,4nd)Np-233	TALYS-6a	0	[8,7,8]	15
Pu-238(n,5nd)Np-232	TALYS-6a	0	[8,7,8]	12
Pu-238(n,3nt)Np-233	TALYS-6a	0	[8,7,8]	20
Pu-238(n,4nt)Np-232	TALYS-6a	0	[8,7,8]	14
Pu-238(n,5nt)Np-231	TALYS-6a	0	[8]	10
Pu-238(n,2nh)U-234	TALYS-6a	0	[8]	24
Pu-238(n,3nh)U-233	TALYS-6a	0	[8]	17
Pu-238(n,4nh)U-232	TALYS-6a	0	[8]	14
Pu-238(n,3n2p)U-234	TALYS-6a	0	[8]	16
Pu-238(n,3n2a)Th-228	TALYS-6a	0	[8]	29
Pu-238(n,3npa)Pa-231	TALYS-6a	0	[8]	22
Pu-238(n,n'pd)U-235g	TALYS-6a	0		22
Pu-238(n,n'pd)U-235m	TALYS-6a	0		22
Pu-238(n,n'ta)Pa-231	TALYS-6a	0	[8]	29
Pu-238(n,2n2p)U-235g	TALYS-6a	0		21
Pu-238(n,2n2p)U-235m	TALYS-6a	0		21
Pu-238(n,4n2p)U-233	TALYS-6a	0	[8]	13
Pu-238(n,4n2a)Th-227	TALYS-6a	0	[8]	23
Pu-238(n,4npa)Pa-230	TALYS-6a	0	[8,15]	16
Pu-239(n,2nd)Np-236g	TALYS-6a	0		27
Pu-239(n,2nd)Np-236m	TALYS-6a	0		27
Pu-239(n,2n)Pu-238	JENDL-3.3	4	[13,3]	104
Pu-239(n,3n)Pu-237g	TALYS-5	0		36
Pu-239(n,3n)Pu-237m	TALYS-5	0		36
Pu-239(n,f)	JEFF-3.0	6	[13,3]	
65353				
Pu-239(n,n'a)U-235g	TALYS-6a	0		100
Pu-239(n,n'a)U-235m	TALYS-6a	0		100
Pu-239(n,2na)U-234	TALYS-6a	0	[8]	53
Pu-239(n,3na)U-233	TALYS-6a	0	[8]	35
Pu-239(n,n'p)Np-238	TALYS-6a	0	[8]	45
Pu-239(n,n'2a)Th-231	TALYS-6a	0		100
Pu-239(n,n'd)Np-237	TALYS-6a	0	[8]	37
Pu-239(n,n't)Np-236g	TALYS-6a	0		35
Pu-239(n,n't)Np-236m	TALYS-6a	0		35
Pu-239(n,n'h)U-236	TALYS-6a	0	[8]	30
Pu-239(n,4n)Pu-236	TALYS-6a	0		28
Pu-239(n,2np)Np-237	TALYS-6a	0	[8]	34
Pu-239(n,3np)Np-236g	TALYS-6a	0		26
Pu-239(n,3np)Np-236m	TALYS-6a	0		26
Pu-239(n,n'2p)U-237	TALYS-6a	0	[8]	26
Pu-239(n,n'pa)Pa-234g	TALYS-6a	0	[4,8]	35
Pu-239(n,n'pa)Pa-234m	TALYS-6a	0	[4,7,8,8]	34
Pu-239(n,g)Pu-240	JEF-2.2	4	[9,2,14]	
35064				
Pu-239(n,p)Np-239	TALYS-5	2		100
Pu-239(n,d)Np-238	TALYS-6a	0	[8]	50
Pu-239(n,t)Np-237	TALYS-6a	0	[8]	53
Pu-239(n,h)U-237	TALYS-6a	0	[8]	38
Pu-239(n,a)U-236	TALYS-5	2	[9,3]	
34406				
Pu-239(n,2p)U-238	TALYS-6a	0	[8]	34
Pu-239(n,pa)Pa-235	TALYS-6a	0		100
Pu-239(n,pd)U-237	TALYS-6a	0	[8]	28
Pu-239(n,da)Pa-234g	TALYS-6a	0	[4]	100
Pu-239(n,da)Pa-234m	TALYS-6a	0	[7,4,7]	100
Pu-239(n,5n)Pu-235	TALYS-6a	0		21
Pu-239(n,6n)Pu-234	TALYS-6a	0		15
Pu-239(n,2nt)Np-235	TALYS-6a	0	[8]	27
Pu-239(n,ta)Pa-233	TALYS-6a	0		100
Pu-239(n,4np)Np-235	TALYS-6a	0	[8]	20
Pu-239(n,3nd)Np-235	TALYS-6a	0	[8]	21
Pu-239(n,n'da)Pa-233	TALYS-6a	0	[8]	29
Pu-239(n,2npa)Pa-233	TALYS-6a	0	[8]	28
Pu-239(n,7n)Pu-233	TALYS-6a	0	[15]	11
Pu-239(n,5np)Np-234	TALYS-6a	0	[8]	15
Pu-239(n,6np)Np-233	TALYS-6a	0	[8,7,8]	11
Pu-239(n,4na)U-232	TALYS-6a	0	[8]	27
Pu-239(n,5na)U-231	TALYS-6a	0	[8,7,8]	19
Pu-239(n,6na)U-230	TALYS-6a	0	[8]	14
Pu-239(n,7na)U-229	TALYS-6a	0	[8]	11
Pu-239(n,4nd)Np-234	TALYS-6a	0	[8]	15
Pu-239(n,5nd)Np-233	TALYS-6a	0	[8,7,8]	12
Pu-239(n,3nt)Np-234	TALYS-6a	0	[8]	19
Pu-239(n,4nt)Np-233	TALYS-6a	0	[8,7,8]	15
Pu-239(n,5nt)Np-232	TALYS-6a	0	[8,7,8]	11
Pu-239(n,2nh)U-235g	TALYS-6a	0		24
Pu-239(n,2nh)U-235m	TALYS-6a	0		24
Pu-239(n,3nh)U-234	TALYS-6a	0	[8]	18
Pu-239(n,4nh)U-233	TALYS-6a	0	[8]	14
Pu-239(n,3n2p)U-235g	TALYS-6a	0		16
Pu-239(n,3n2p)U-235m	TALYS-6a	0		16
+Pu-239(n,3n2a)Th-229g	TALYS-6a	0	[4,8]	27
+Pu-239(n,3n2a)Th-229m	TALYS-6a	0	[4,7,8,8]	27
Pu-239(n,3npa)Pa-232	TALYS-6a	0	[8]	21
Pu-239(n,n'pd)U-236	TALYS-6a	0	[8]	23
Pu-239(n,2n2p)U-236	TALYS-6a	0	[8]	22
Pu-239(n,4n2p)U-234	TALYS-6a	0	[8]	13
Pu-239(n,4n2a)Th-228	TALYS-6a	0	[8]	22
Pu-239(n,4npa)Pa-231	TALYS-6a	0	[8]	16
Pu-240(n,2nd)Np-237	TALYS-6a	0	[8]	28
>Pu-240(n,2n)Pu-239	TALYS-5	0	[4]	53
>Pu-240(n,3n)Pu-238	TALYS-5	0	[4]	37
Pu-240(n,f)	JEFF-3.0	6	[13,3]	
57506				
Pu-240(n,n'a)U-236	TALYS-6a	0		100
Pu-240(n,2na)U-235g	TALYS-6a	0		47
Pu-240(n,2na)U-235m	TALYS-6a	0		47
Pu-240(n,3na)U-234	TALYS-6a	0	[8]	35
Pu-240(n,n'p)Np-239	TALYS-6a	0	[8]	45
Pu-240(n,2n2a)Th-231	TALYS-6a	0		100
Pu-240(n,n'd)Np-238	TALYS-6a	0	[8]	35
Pu-240(n,n't)Np-237	TALYS-6a	0	[8]	35
Pu-240(n,n'h)U-237	TALYS-6a	0	[8]	28
Pu-240(n,4n)Pu-237g	TALYS-6a	0		27
Pu-240(n,4n)Pu-237m	TALYS-6a	0		27
Pu-240(n,2np)Np-238	TALYS-6a	0	[8]	32
Pu-240(n,3np)Np-237	TALYS-6a	0	[8]	26
Pu-240(n,n'2p)U-238	TALYS-6a	0	[8]	26
Pu-240(n,n'pa)Pa-235	TALYS-6a	0	[8]	34
Pu-240(n,g)Pu-241	JENDL-3.3	4	[14,13,3]	
36721				
Pu-240(n,p)Np-240g	TALYS-6a	0	[4,2,8]	69
Pu-240(n,p)Np-240m	TALYS-6a	0	[4,7,8,2,8]	68
Pu-240(n,d)Np-239	TALYS-6a	0	[8]	50
Pu-240(n,t)Np-238	TALYS-6a	0	[8]	48
Pu-240(n,h)U-238	TALYS-6a	0	[8]	37
Pu-240(n,a)U-237	TALYS-5	2	[9,3,3]	
36023				
Pu-240(n,2p)U-239	TALYS-6a	0		31
Pu-240(n,pa)Pa-236	TALYS-6a	0		100
Pu-240(n,pd)U-238	TALYS-6a	0	[8]	27
Pu-240(n,da)Pa-235	TALYS-6a	0		100
Pu-240(n,5n)Pu-236	TALYS-6a	0		21
Pu-240(n,6n)Pu-235	TALYS-6a	0		15
Pu-240(n,2nt)Np-236g	TALYS-6a	0		27
Pu-240(n,2nt)Np-236m	TALYS-6a	0		26
Pu-240(n,ta)Pa-234g	TALYS-6a	0	[4]	100
Pu-240(n,ta)Pa-234m	TALYS-6a	0	[7,4,7]	100
Pu-240(n,4np)Np-236g	TALYS-6a	0		19
Pu-240(n,4np)Np-236m	TALYS-6a	0		19
Pu-240(n,3nd)Np-236g	TALYS-6a	0		21
Pu-240(n,3nd)Np-236m	TALYS-6a	0		21
Pu-240(n,n'da)Pa-234g	TALYS-6a	0	[4,8]	28
Pu-240(n,n'da)Pa-234m	TALYS-6a	0	[4,7,8,8]	27
Pu-240(n,2npa)Pa-234g	TALYS-6a	0	[4,8]	27
Pu-240(n,2npa)Pa-234m	TALYS-6a	0	[4,7,8,8]	26
Pu-240(n,7n)Pu-234	TALYS-6a	0		12
Pu-240(n,5np)Np-235	TALYS-6a	0	[8]	15
Pu-240(n,6np)Np-234	TALYS-6a	0	[8]	12
Pu-240(n,7np)Np-233	TALYS-6a	0	[8,7,8]	8
Pu-240(n,4na)U-233	TALYS-6a	0	[8]	26
Pu-240(n,5na)U-232	TALYS-6a	0	[8]	20
Pu-240(n,6na)U-231	TALYS-6a	0	[8,7,8]	14
Pu-240(n,7na)U-230	TALYS-6a	0	[8]	11
Pu-240(n,4nd)Np-235	TALYS-6a	0	[8]	16
Pu-240(n,5nd)Np-234	TALYS-6a	0	[8]	12
Pu-240(n,6nd)Np-233	TALYS-6a	0	[8,7,8]	9
Pu-240(n,3nt)Np-235	TALYS-6a	0	[8]	20
Pu-240(n,4nt)Np-234	TALYS-6a	0	[8]	14
Pu-240(n,5nt)Np-233	TALYS-6a	0	[8,7,8]	12
Pu-240(n,6nt)Np-232	TALYS-6a	0	[8,7,8]	8
Pu-240(n,2nh)U-236	TALYS-6a	0	[8]	24
Pu-240(n,3nh)U-235g	TALYS-6a	0		17
Pu-240(n,3nh)U-235m	TALYS-6a	0		17
Pu-240(n,4nh)U-234	TALYS-6a	0	[8]	14
Pu-240(n,3n2p)U-236	TALYS-6a	0	[8]	16
Pu-240(n,3npa)Pa-233	TALYS-6a	0	[8]	21
Pu-240(n,n'pd)U-237	TALYS-6a	0	[8]	22
Pu-240(n,n'ta)Pa-233	TALYS-6a	0	[8]	28
Pu-240(n,2n2p)U-237	TALYS-6a	0	[8]	20
Pu-240(n,4n2p)U-235g	TALYS-6a	0		12
Pu-240(n,4n2p)U-235m	TALYS-6a	0		12
+Pu-240(n,4n2a)Th-229g	TALYS-6a	0	[4,8]	20
+Pu-240(n,4n2a)Th-229m	TALYS-6a	0	[4,7,8,8]	20
Pu-240(n,4npa)Pa-232	TALYS-6a	0	[8]	16
Pu-240(n,5n2p)U-234	TALYS-6a	0	[8]	10
Pu-241(n,2nd)Np-238	TALYS-6a	0	[8]	28
>Pu-241(n,2n)Pu-240	TALYS-5	0	[4]	59
>Pu-241(n,3n)Pu-239	TALYS-5	0	[4]	38
Pu-241(n,f)	JEF-2.2	6	[13,4]	
10916				
Pu-241(n,n'a)U-237	TALYS-6a	0	[10]	100
Pu-241(n,2na)U-236	TALYS-6a	0	[10]	100
Pu-241(n,3na)U-235g	TALYS-6a	0		35
Pu-241(n,3na)U-235m	TALYS-6a	0		35
Pu-241(n,n'p)Np-240g	TALYS-6a	0	[4,8]	44
Pu-241(n,n'p)Np-240m	TALYS-6a	0	[4,7,8,8]	43
Pu-241(n,n'2a)Th-233	TALYS-6a	0	[10]	100
Pu-241(n,n'd)Np-239	TALYS-6a	0	[8]	37
Pu-241(n,n't)Np-238	TALYS-6a	0	[8]	36
Pu-241(n,n'h)U-238	TALYS-6a	0	[8]	29
Pu-241(n,4n)Pu-238	TALYS-6a	0		29
Pu-241(n,2np)Np-239	TALYS-6a	0	[8]	34
Pu-241(n,3np)Np-238	TALYS-6a	0	[8]	26
Pu-241(n,n'2p)U-239	TALYS-6a	0	[8]	25
>Pu-241(n,g)Pu-242	JEF-2.2	4	[9,2,14,13]	
13472				
Pu-241(n,p)Np-241	TALYS-6a	0	[2,8]	74
Pu-241(n,d)Np-240g	TALYS-6a	0	[4,8]	47
Pu-241(n,d)Np-240m	TALYS-6a	0	[4,7,8,8]	46
Pu-241(n,t)Np-239	TALYS-6a	0	[8]	53
Pu-241(n,h)U-239	TALYS-6a	0	[8]	36
Pu-241(n,a)U-238	TALYS-6a	0	[2]	100
Pu-241(n,2p)U-240	TALYS-6a	0	[8]	31
Pu-241(n,pa)Pa-237	TALYS-6a	0	[10]	100
Pu-241(n,pd)U-239	TALYS-6a	0	[8]	26
Pu-241(n,5n)Pu-237g	TALYS-6a	0		22
Pu-241(n,5n)Pu-237m	TALYS-6a	0		22
Pu-241(n,6n)Pu-236	TALYS-6a	0		16
Pu-241(n,2nt)Np-237	TALYS-6a	0	[8]	28
Pu-241(n,ta)Pa-235	TALYS-6a	0	[10]	100

Reaction	Library			
Pu-241(n,4np)Np-237	TALYS-6a	0	[8]	21
Pu-241(n,3nd)Np-237	TALYS-6a	0	[8]	22
Pu-241(n,n'da)Pa-235	TALYS-6a	0	[8]	28
Pu-241(n,2npa)Pa-235	TALYS-6a	0	[8]	27
Pu-241(n,7n)Pu-235	TALYS-6a	0		13
Pu-241(n,8n)Pu-234	TALYS-6a	0		9
Pu-241(n,5np)Np-236g	TALYS-6a	0		15
Pu-241(n,5np)Np-236m	TALYS-6a	0		15
Pu-241(n,6np)Np-235	TALYS-6a	0	[8]	12
Pu-241(n,7np)Np-234	TALYS-6a	0	[8]	9
Pu-241(n,4na)U-234	TALYS-6a	0	[8]	28
Pu-241(n,5na)U-233	TALYS-6a	0	[8]	21
Pu-241(n,6na)U-232	TALYS-6a	0	[8]	15
Pu-241(n,7na)U-231	TALYS-6a	0	[8,7,8]	11
Pu-241(n,4nd)Np-236g	TALYS-6a	0		16
Pu-241(n,4nd)Np-236m	TALYS-6a	0		16
Pu-241(n,5nd)Np-235	TALYS-6a	0	[8]	13
Pu-241(n,6nd)Np-234	TALYS-6a	0	[8]	9
Pu-241(n,3nt)Np-236g	TALYS-6a	0		21
Pu-241(n,3nt)Np-236m	TALYS-6a	0		21
Pu-241(n,4nt)Np-235	TALYS-6a	0	[8]	16
Pu-241(n,5nt)Np-234	TALYS-6a	0	[8]	12
Pu-241(n,6nt)Np-233	TALYS-6a	0	[8,7,8]	9
Pu-241(n,2nh)U-237	TALYS-6a	0	[8]	24
Pu-241(n,3nh)U-236	TALYS-6a	0	[8]	19
Pu-241(n,4nh)U-235g	TALYS-6a	0		14
Pu-241(n,4nh)U-235m	TALYS-6a	0		14
Pu-241(n,3n2p)U-237	TALYS-6a	0	[8]	16
Pu-241(n,3n2a)Th-231	TALYS-6a	0	[8]	26
Pu-241(n,3npa)Pa-234g	TALYS-6a	0	[4,8]	21
Pu-241(n,3npa)Pa-234m	TALYS-6a	0	[4,7,8,8]	20
Pu-241(n,n'pd)U-238	TALYS-6a	0	[8]	22
Pu-241(n,n'ta)Pa-234g	TALYS-6a	0	[4,8]	27
Pu-241(n,n'ta)Pa-234m	TALYS-6a	0	[4,7,8,8]	26
Pu-241(n,2n2p)U-238	TALYS-6a	0	[8]	21
Pu-241(n,4n2p)U-236	TALYS-6a	0	[8]	13
Pu-241(n,4n2a)Th-230	TALYS-6a	0	[8,15]	20
Pu-241(n,4npa)Pa-233	TALYS-6a	0	[8]	16
Pu-241(n,5n2p)U-235g	TALYS-6a	0		10
Pu-241(n,5n2p)U-235m	TALYS-6a	0		10
Pu-242(n,2nd)Np-239	TALYS-6a	0	[8]	28
>Pu-242(n,2n)Pu-241	TALYS-5	0	[4]	54
>Pu-242(n,3n)Pu-240	TALYS-5	0	[4]	38
Pu-242(n,f)	JEF-2.2	4	[13,12]	
17329				
Pu-242(n,n'a)U-238	TALYS-6a	0		100
Pu-242(n,2na)U-237	TALYS-6a	0	[8]	48
Pu-242(n,3na)U-236	TALYS-6a	0	[8]	36
Pu-242(n,n'p)Np-241	TALYS-6a	0	[8]	44
Pu-242(n,2n2a)Th-233	TALYS-6a	0		100
Pu-242(n,n'd)Np-240g	TALYS-6a	0	[4,8]	34
Pu-242(n,n'd)Np-240m	TALYS-6a	0	[4,7,8,8]	33
Pu-242(n,n't)Np-239	TALYS-6a	0	[8]	36
Pu-242(n,n'h)U-239	TALYS-6a	0	[8]	28
Pu-242(n,4n)Pu-239	TALYS-6a	0		28
Pu-242(n,2np)Np-240g	TALYS-6a	0	[4,8]	32
Pu-242(n,2np)Np-240m	TALYS-6a	0	[4,7,8,8]	31
Pu-242(n,3np)Np-239	TALYS-6a	0	[8]	26
Pu-242(n,n'2p)U-240	TALYS-6a	0	[8]	25
Pu-242(n,n'pa)Pa-237	TALYS-6a	0	[8]	31
Pu-242(n,g)Pu-243	JEF-2.2	4	[14,13]	
18776				
Pu-242(n,p)Np-242g	TALYS-6a	0	[4,2,8]	67
Pu-242(n,p)Np-242m	TALYS-6a	0	[4,7,8,2,8]	66
Pu-242(n,d)Np-241	TALYS-6a	0	[8]	47
Pu-242(n,t)Np-240g	TALYS-6a	0	[4,8]	45
Pu-242(n,t)Np-240m	TALYS-6a	0	[4,7,8,8]	44
Pu-242(n,h)U-240	TALYS-6a	0	[8]	36
Pu-242(n,a)U-239	TALYS-6a	0	[2]	100
Pu-242(n,2p)U-241	TALYS-6a	0	[8,7,8]	26
Pu-242(n,pd)U-240	TALYS-6a	0	[8]	26
Pu-242(n,da)Pa-237	TALYS-6a	0	[8]	33
Pu-242(n,5n)Pu-238	TALYS-6a	0		23
Pu-242(n,6n)Pu-237g	TALYS-6a	0		16
Pu-242(n,6n)Pu-237m	TALYS-6a	0		16
Pu-242(n,2nt)Np-238	TALYS-6a	0	[8]	27
Pu-242(n,4np)Np-238	TALYS-6a	0	[8]	20
Pu-242(n,3nd)Np-238	TALYS-6a	0	[8]	21
Pu-242(n,7n)Pu-236	TALYS-6a	0		13
Pu-242(n,8n)Pu-235	TALYS-6a	0		9
Pu-242(n,5np)Np-237	TALYS-6a	0	[8]	15
Pu-242(n,6np)Np-236g	TALYS-6a	0		12
Pu-242(n,6np)Np-236m	TALYS-6a	0		12
Pu-242(n,7np)Np-235	TALYS-6a	0	[8]	8
Pu-242(n,4na)U-235g	TALYS-6a	0		27
Pu-242(n,4na)U-235m	TALYS-6a	0		27
Pu-242(n,5na)U-234	TALYS-6a	0	[8]	22
Pu-242(n,6na)U-233	TALYS-6a	0	[8]	15
Pu-242(n,7na)U-232	TALYS-6a	0	[8]	12
Pu-242(n,4nd)Np-237	TALYS-6a	0	[8]	16
Pu-242(n,5nd)Np-236g	TALYS-6a	0		12
Pu-242(n,5nd)Np-236m	TALYS-6a	0		12
Pu-242(n,6nd)Np-235	TALYS-6a	0	[8]	9
Pu-242(n,3nt)Np-237	TALYS-6a	0	[8]	21
Pu-242(n,4nt)Np-236g	TALYS-6a	0		15
Pu-242(n,4nt)Np-236m	TALYS-6a	0		15
Pu-242(n,5nt)Np-235	TALYS-6a	0	[8]	12
Pu-242(n,6nt)Np-234	TALYS-6a	0	[8]	8
Pu-242(n,2nh)U-238	TALYS-6a	0	[8]	23
Pu-242(n,3nh)U-237	TALYS-6a	0	[8]	17
Pu-242(n,4nh)U-236	TALYS-6a	0	[8]	14
Pu-242(n,3n2p)U-238	TALYS-6a	0	[8]	16
Pu-242(n,3npa)Pa-235	TALYS-6a	0	[8]	21
Pu-242(n,n'pd)U-239	TALYS-6a	0	[8]	21
Pu-242(n,n'ta)Pa-235	TALYS-6a	0	[8]	27
Pu-242(n,2n2p)U-239	TALYS-6a	0	[8]	19
Pu-242(n,4n2p)U-237	TALYS-6a	0	[8]	12
Pu-242(n,4n2a)Th-231	TALYS-6a	0	[8]	20
Pu-242(n,4npa)Pa-234g	TALYS-6a	0	[4,8]	15
Pu-242(n,4npa)Pa-234m	TALYS-6a	0	[4,7,8,8]	14
Pu-242(n,5n2p)U-236	TALYS-6a	0	[8]	10
Pu-243(n,2nd)Np-240g	TALYS-6a	0	[4,8]	28
Pu-243(n,2nd)Np-240m	TALYS-6a	0	[4,7,8,8]	27
>Pu-243(n,2n)Pu-242	TALYS-5	0	[4]	60
>Pu-243(n,3n)Pu-241	TALYS-5	0	[4]	39
Pu-243(n,f)	ENDF/B-VII.2	0	[13]	9460
Pu-243(n,n'a)U-239	TALYS-6a	0		100
Pu-243(n,2na)U-238	TALYS-6a	0	[8]	53
Pu-243(n,3na)U-237	TALYS-6a	0	[8]	36
Pu-243(n,n'p)Np-242g	TALYS-6a	0	[4,8]	43
Pu-243(n,n'p)Np-242m	TALYS-6a	0	[4,7,8,8]	42
Pu-243(n,n'd)Np-241	TALYS-6a	0	[8]	36
Pu-243(n,n't)Np-240g	TALYS-6a	0	[4,8]	35
Pu-243(n,n't)Np-240m	TALYS-6a	0	[4,7,8,8]	34
Pu-243(n,n'h)U-240	TALYS-6a	0	[8]	29
Pu-243(n,4n)Pu-240	TALYS-6a	0		30
Pu-243(n,2np)Np-241	TALYS-6a	0	[8]	34
Pu-243(n,3np)Np-240g	TALYS-6a	0	[4,8]	26
Pu-243(n,3np)Np-240m	TALYS-6a	0	[4,7,8,8]	25
Pu-243(n,n'2p)U-241	TALYS-6a	0	[8,7,8]	24
Pu-243(n,g)Pu-244	TALYS-6a	2	[14]	100
Pu-243(n,p)Np-243	TALYS-6a	0	[2,8,7,8]	69
Pu-243(n,d)Np-242g	TALYS-6a	0	[4,8]	45
Pu-243(n,d)Np-242m	TALYS-6a	0	[4,7,8,8]	44
Pu-243(n,t)Np-241	TALYS-6a	0	[8]	51
Pu-243(n,h)U-241	TALYS-6a	0	[8,7,8]	31
Pu-243(n,a)U-240	TALYS-6a	0	[2]	100
Pu-243(n,2p)U-242	TALYS-6a	0	[8]	27
Pu-243(n,pd)U-241	TALYS-6a	0	[8,7,8]	26
Pu-243(n,5n)Pu-239	TALYS-6a	0		23
Pu-243(n,6n)Pu-238	TALYS-6a	0		18
Pu-243(n,2nt)Np-239	TALYS-6a	0	[8]	28
Pu-243(n,4np)Np-239	TALYS-6a	0	[8]	21
Pu-243(n,3nd)Np-239	TALYS-6a	0	[8]	23
Pu-243(n,2npa)Pa-237	TALYS-6a	0	[8]	26
Pu-243(n,7n)Pu-237g	TALYS-6a	0		14
Pu-243(n,7n)Pu-237m	TALYS-6a	0		13
Pu-243(n,8n)Pu-236	TALYS-6a	0		11
Pu-243(n,5np)Np-238	TALYS-6a	0	[8]	16
Pu-243(n,6np)Np-237	TALYS-6a	0	[8]	13
Pu-243(n,7np)Np-236g	TALYS-6a	0		9
Pu-243(n,7np)Np-236m	TALYS-6a	0		9
Pu-243(n,4na)U-236	TALYS-6a	0	[8]	29
Pu-243(n,5na)U-235g	TALYS-6a	0		22
Pu-243(n,5na)U-235m	TALYS-6a	0		22
Pu-243(n,6na)U-234	TALYS-6a	0	[8]	16
Pu-243(n,7na)U-233	TALYS-6a	0	[8]	13
Pu-243(n,4nd)Np-238	TALYS-6a	0	[8]	16
Pu-243(n,5nd)Np-237	TALYS-6a	0	[8]	13
Pu-243(n,6nd)Np-236g	TALYS-6a	0		10
Pu-243(n,6nd)Np-236m	TALYS-6a	0		10
Pu-243(n,3nt)Np-238	TALYS-6a	0	[8]	22
Pu-243(n,4nt)Np-237	TALYS-6a	0	[8]	16
Pu-243(n,5nt)Np-236g	TALYS-6a	0		13
Pu-243(n,5nt)Np-236m	TALYS-6a	0		13
Pu-243(n,6nt)Np-235	TALYS-6a	0	[8]	10
Pu-243(n,2nh)U-239	TALYS-6a	0	[8]	23
Pu-243(n,3nh)U-238	TALYS-6a	0	[8]	18
Pu-243(n,4nh)U-237	TALYS-6a	0	[8]	14
Pu-243(n,3n2p)U-239	TALYS-6a	0	[8]	15
Pu-243(n,3n2a)Th-233	TALYS-6a	0	[8]	26
Pu-243(n,3npa)Pa-236	TALYS-6a	0	[8]	20
Pu-243(n,n'pd)U-240	TALYS-6a	0	[8]	21
Pu-243(n,2n2p)U-240	TALYS-6a	0	[8]	20
Pu-243(n,4n2p)U-238	TALYS-6a	0	[8]	13
Pu-243(n,4n2a)Th-232	TALYS-6a	0	[8]	23
Pu-243(n,4npa)Pa-235	TALYS-6a	0	[8]	16
Pu-244(n,2nd)Np-241	TALYS-6a	0	[8]	28
>Pu-244(n,2n)Pu-243	TALYS-5	0	[4]	55
>Pu-244(n,3n)Pu-242	TALYS-5	0	[4]	39
Pu-244(n,f)	JENDL-3.3	4	[13,3]	5809
Pu-244(n,n'a)U-240	TALYS-6a	0		100
Pu-244(n,2na)U-239	TALYS-6a	0	[8]	47
Pu-244(n,3na)U-238	TALYS-6a	0	[8]	36
Pu-244(n,n'p)Np-243	TALYS-6a	0	[8,7,8]	43
Pu-244(n,2n2a)Th-235	TALYS-6a	0		100
Pu-244(n,n'd)Np-242g	TALYS-6a	0	[4,8]	34
Pu-244(n,n'd)Np-242m	TALYS-6a	0	[4,7,8,8]	33
Pu-244(n,n't)Np-241	TALYS-6a	0	[8]	35
Pu-244(n,n'h)U-241	TALYS-6a	0	[8,7,8]	27
Pu-244(n,4n)Pu-241	TALYS-6a	0		29
Pu-244(n,2np)Np-242g	TALYS-6a	0	[4,8]	31
Pu-244(n,2np)Np-242m	TALYS-6a	0	[4,7,8,8]	30
Pu-244(n,3np)Np-241	TALYS-6a	0	[8]	27
Pu-244(n,n'2p)U-242	TALYS-6a	0	[8]	24
Pu-244(n,g)Pu-245	JENDL-3.3	2	[13]	5388
Pu-244(n,p)Np-244	TALYS-6a	0	[2,8,7,8]	62
Pu-244(n,d)Np-243	TALYS-6a	0	[8,7,8]	46
Pu-244(n,t)Np-242g	TALYS-6a	0	[4,8]	47
Pu-244(n,t)Np-242m	TALYS-6a	0	[4,7,8,8]	46
Pu-244(n,h)U-242	TALYS-6a	0	[8]	31
Pu-244(n,a)U-241	TALYS-6a	0	[2]	100
Pu-244(n,2p)U-243	TALYS-6a	0	[8,7,8]	25
Pu-244(n,pd)U-242	TALYS-6a	0	[8]	25
Pu-244(n,5n)Pu-240	TALYS-6a	0		24
Pu-244(n,6n)Pu-239	TALYS-6a	0		17
Pu-244(n,2nt)Np-240g	TALYS-6a	0	[4,8]	27
Pu-244(n,2nt)Np-240m	TALYS-6a	0	[4,7,8,8]	26
Pu-244(n,4np)Np-240g	TALYS-6a	0	[4,8]	20
Pu-244(n,4np)Np-240m	TALYS-6a	0	[4,7,8,8]	19
Pu-244(n,3nd)Np-240g	TALYS-6a	0	[4,8]	22
Pu-244(n,3nd)Np-240m	TALYS-6a	0	[4,7,8,8]	21
Pu-244(n,7n)Pu-238	TALYS-6a	0		14
Pu-244(n,8n)Pu-237g	TALYS-6a	0		11
Pu-244(n,8n)Pu-237m	TALYS-6a	0		10
Pu-244(n,5np)Np-239	TALYS-6a	0	[8]	16
Pu-244(n,6np)Np-238	TALYS-6a	0	[8]	12
Pu-244(n,7np)Np-237	TALYS-6a	0	[8]	10

Pu-244(n,4na)U-237	TALYS-6a	0 [8]	28	Pu-246(n,6n)Pu-241	TALYS-6a	0	18
Pu-244(n,5na)U-236	TALYS-6a	0 [8]	22	Pu-246(n,2nt)Np-242g	TALYS-6a	0 [4,8]	28
Pu-244(n,6na)U-235g	TALYS-6a	0	16	Pu-246(n,2nt)Np-242m	TALYS-6a	0 [4,7,8,8]	28
Pu-244(n,6na)U-235m	TALYS-6a	0	16	Pu-246(n,4np)Np-242g	TALYS-6a	0 [4,8]	20
Pu-244(n,7na)U-234	TALYS-6a	0 [8]	13	Pu-246(n,4np)Np-242m	TALYS-6a	0 [4,7,8,8]	20
Pu-244(n,4nd)Np-239	TALYS-6a	0 [8]	16	Pu-246(n,3nd)Np-242g	TALYS-6a	0 [4,8]	22
Pu-244(n,5nd)Np-238	TALYS-6a	0 [8]	13	Pu-246(n,3nd)Np-242m	TALYS-6a	0 [4,7,8,8]	22
Pu-244(n,6nd)Np-237	TALYS-6a	0 [8]	10	Pu-246(n,7n)Pu-240	TALYS-6a	0	15
Pu-244(n,3nt)Np-239	TALYS-6a	0 [8]	22	Pu-246(n,8n)Pu-239	TALYS-6a	0	12
Pu-244(n,4nt)Np-238	TALYS-6a	0 [8]	16	Pu-246(n,5np)Np-241	TALYS-6a	0 [8]	16
Pu-244(n,5nt)Np-237	TALYS-6a	0 [8]	13	Pu-246(n,6np)Np-240g	TALYS-6a	0 [4,8]	13
Pu-244(n,6nt)Np-236g	TALYS-6a	0	10	Pu-246(n,6np)Np-240m	TALYS-6a	0 [4,7,8,8]	12
Pu-244(n,6nt)Np-236m	TALYS-6a	0	9	Pu-246(n,7np)Np-239	TALYS-6a	0 [8]	10
Pu-244(n,2nh)U-240	TALYS-6a	0 [8]	23	Pu-246(n,4na)U-239	TALYS-6a	0 [8]	28
Pu-244(n,3nh)U-239	TALYS-6a	0 [8]	17	Pu-246(n,5na)U-238	TALYS-6a	0 [8]	23
Pu-244(n,4nh)U-238	TALYS-6a	0 [8]	14	Pu-246(n,6na)U-237	TALYS-6a	0 [8]	16
Pu-244(n,3n2p)U-240	TALYS-6a	0 [8]	15	Pu-246(n,7na)U-236	TALYS-6a	0 [8]	14
Pu-244(n,3npa)Pa-237	TALYS-6a	0 [8]	20	Pu-246(n,4nd)Np-241	TALYS-6a	0 [8]	17
Pu-244(n,n'pd)U-241	TALYS-6a	0 [8,7,8]	20	Pu-246(n,5nd)Np-240g	TALYS-6a	0 [4,8]	14
Pu-244(n,n'ta)Pa-237	TALYS-6a	0 [8]	26	Pu-246(n,5nd)Np-240m	TALYS-6a	0 [4,7,8,8]	13
Pu-244(n,2n2p)U-241	TALYS-6a	0 [8,7,8]	19	Pu-246(n,6nd)Np-239	TALYS-6a	0 [8]	11
Pu-244(n,4n2p)U-239	TALYS-6a	0 [8]	12	Pu-246(n,3nt)Np-241	TALYS-6a	0 [8]	22
Pu-244(n,4n2a)Th-233	TALYS-6a	0 [8]	19	Pu-246(n,4nt)Np-240g	TALYS-6a	0 [4,8]	16
Pu-244(n,4npa)Pa-236	TALYS-6a	0 [8]	15	Pu-246(n,4nt)Np-240m	TALYS-6a	0 [4,7,8,8]	15
Pu-244(n,5n2p)U-238	TALYS-6a	0 [8]	10	Pu-246(n,5nt)Np-239	TALYS-6a	0 [8]	14
Pu-245(n,2nd)Np-242g	TALYS-6a	0 [4,8]	28	Pu-246(n,6nt)Np-238	TALYS-6a	0 [8]	10
Pu-245(n,2nd)Np-242m	TALYS-6a	0 [4,7,8,8]	28	Pu-246(n,2nh)U-242	TALYS-6a	0 [8]	23
>Pu-245(n,2n)Pu-244	TALYS-5	0 [4]	62	Pu-246(n,3nh)U-241	TALYS-6a	0 [8,7,8]	17
>Pu-245(n,3n)Pu-243	TALYS-5	0 [4]	40	Pu-246(n,4nh)U-240	TALYS-6a	0 [8]	15
>Pu-245(n,f)	TALYS-6a	0 [7,8,8,10,11]	98	Pu-246(n,3n2p)U-242	TALYS-6a	0 [8]	15
Pu-245(n,n'a)U-241	TALYS-6a	0 [7]	99	Pu-246(n,2n2p)U-243	TALYS-6a	0 [8,7,8]	18
Pu-245(n,2na)U-240	TALYS-6a	0 [8]	53	Pu-246(n,4n2p)U-241	TALYS-6a	0 [8,7,8]	12
Pu-245(n,3na)U-239	TALYS-6a	0 [8]	36	Pu-246(n,4n2a)Th-235	TALYS-6a	0 [8]	15
Pu-245(n,n'p)Np-244	TALYS-6a	0 [8,7,8]	43	Pu-246(n,4npa)Pa-238	TALYS-6a	0 [8]	15
Pu-245(n,n'd)Np-243	TALYS-6a	0 [8,7,8]	36	Pu-246(n,5n2p)U-240	TALYS-6a	0 [8]	10
Pu-245(n,n't)Np-242g	TALYS-6a	0 [4,8]	36	Pu-247(n,2nd)Np-244	TALYS-6a	0 [8,7,8]	28
Pu-245(n,n't)Np-242m	TALYS-6a	0 [4,7,8,8]	35	>Pu-247(n,2n)Pu-246	TALYS-5	0 [7,8,4]	60
Pu-245(n,n'h)U-242	TALYS-6a	0 [8]	28	>Pu-247(n,3n)Pu-245	TALYS-6a	0 [7,8,4]	40
Pu-245(n,4n)Pu-242	TALYS-6a	0	31	>Pu-247(n,f)	JAERI	[13,7,11]	86
Pu-245(n,2np)Np-243	TALYS-6a	0 [8,7,8]	33	Pu-247(n,n'a)U-243	TALYS-6a	0 [7]	100
Pu-245(n,3np)Np-242g	TALYS-6a	0 [4,8]	26	Pu-247(n,2na)U-242	TALYS-6a	0 [8,7,8]	53
Pu-245(n,3np)Np-242m	TALYS-6a	0 [4,7,8,8]	25	Pu-247(n,3na)U-241	TALYS-6a	0 [8,7,8]	36
Pu-245(n,n'2p)U-243	TALYS-6a	0 [8,7,8]	23	Pu-247(n,n'p)Np-246	TALYS-6a	0 [8,7,8]	41
Pu-245(n,g)Pu-246	TALYS-6a	0 [14]	99	Pu-247(n,n'd)Np-245	TALYS-6a	0 [8,7,8]	36
Pu-245(n,p)Np-245	TALYS-6a	0 [2,8,7,8]	64	Pu-247(n,n't)Np-244	TALYS-6a	0 [8,7,8]	35
Pu-245(n,d)Np-244	TALYS-6a	0 [8,7,8]	44	Pu-247(n,n'h)U-244	TALYS-6a	0 [8,7,8]	28
Pu-245(n,t)Np-243	TALYS-6a	0 [8,7,8]	51	Pu-247(n,4n)Pu-244	TALYS-6a	0	31
Pu-245(n,h)U-243	TALYS-6a	0 [8,7,8]	30	Pu-247(n,2np)Np-245	TALYS-6a	0 [8,7,8]	33
Pu-245(n,a)U-242	TALYS-6a	0 [2]	99	Pu-247(n,3np)Np-244	TALYS-6a	0 [8,7,8]	27
Pu-245(n,2p)U-244	TALYS-6a	0 [8,7,8]	26	Pu-247(n,n'2p)U-245	TALYS-6a	0 [8,7,8]	22
Pu-245(n,pd)U-243	TALYS-6a	0 [8,7,8]	25	Pu-247(n,d)Np-246	TALYS-6a	0 [8,7,8]	43
Pu-245(n,5n)Pu-241	TALYS-6a	0	24	Pu-247(n,t)Np-245	TALYS-6a	0 [8,7,8]	49
Pu-245(n,6n)Pu-240	TALYS-6a	0	19	Pu-247(n,h)U-245	TALYS-6a	0 [8,7,8]	29
Pu-245(n,2nt)Np-241	TALYS-6a	0 [8]	28	Pu-247(n,a)U-244	TALYS-6a	0 [7,2,10]	100
Pu-245(n,4np)Np-241	TALYS-6a	0 [8]	21	Pu-247(n,5n)Pu-243	TALYS-6a	0	25
Pu-245(n,3nd)Np-241	TALYS-6a	0 [8]	23	Pu-247(n,6n)Pu-242	TALYS-6a	0	20
Pu-245(n,7n)Pu-239	TALYS-6a	0	14	Pu-247(n,2nt)Np-243	TALYS-6a	0 [8,7,8]	29
Pu-245(n,8n)Pu-238	TALYS-6a	0	12	Pu-247(n,4np)Np-243	TALYS-6a	0 [8,7,8]	22
Pu-245(n,5np)Np-240g	TALYS-6a	0 [4,8]	16	Pu-247(n,3nd)Np-243	TALYS-6a	0 [8,7,8]	23
Pu-245(n,5np)Np-240m	TALYS-6a	0 [4,7,8,8]	15	Pu-247(n,7n)Pu-241	TALYS-6a	0	15
Pu-245(n,6np)Np-239	TALYS-6a	0 [8]	13	Pu-247(n,8n)Pu-240	TALYS-6a	0	13
Pu-245(n,7np)Np-238	TALYS-6a	0 [8]	10	Pu-247(n,5np)Np-242g	TALYS-6a	0 [4,8,7,8]	16
Pu-245(n,4na)U-238	TALYS-6a	0 [8]	29	Pu-247(n,5np)Np-242m	TALYS-6a	0 [4,7,8,8]	15
Pu-245(n,5na)U-237	TALYS-6a	0 [8]	23	Pu-247(n,6np)Np-241	TALYS-6a	0 [8,7,8]	14
Pu-245(n,6na)U-236	TALYS-6a	0 [8]	17	Pu-247(n,7np)Np-240g	TALYS-6a	0 [4,8,7,8]	11
Pu-245(n,7na)U-235g	TALYS-6a	0	13	Pu-247(n,7np)Np-240m	TALYS-6a	0 [4,7,8,8]	10
Pu-245(n,7na)U-235m	TALYS-6a	0	13	Pu-247(n,4na)U-240	TALYS-6a	0 [8,7,8]	30
Pu-245(n,4nd)Np-240g	TALYS-6a	0 [4,8]	17	Pu-247(n,5na)U-239	TALYS-6a	0 [8,7,8]	23
Pu-245(n,4nd)Np-240m	TALYS-6a	0 [4,7,8,8]	16	Pu-247(n,6na)U-238	TALYS-6a	0 [8,7,8]	18
Pu-245(n,5nd)Np-239	TALYS-6a	0 [8]	14	Pu-247(n,7na)U-237	TALYS-6a	0 [8,7,8]	14
Pu-245(n,6nd)Np-238	TALYS-6a	0 [8]	11	Pu-247(n,4nd)Np-242g	TALYS-6a	0 [4,8,7,8]	17
Pu-245(n,3nt)Np-240g	TALYS-6a	0 [4,8]	21	Pu-247(n,4nd)Np-242m	TALYS-6a	0 [4,7,8,8]	16
Pu-245(n,3nt)Np-240m	TALYS-6a	0 [4,7,8,8]	20	Pu-247(n,5nd)Np-241	TALYS-6a	0 [8,7,8]	14
Pu-245(n,4nt)Np-239	TALYS-6a	0 [8]	17	Pu-247(n,6nd)Np-240g	TALYS-6a	0 [4,8,7,8]	11
Pu-245(n,5nt)Np-238	TALYS-6a	0 [8]	13	Pu-247(n,6nd)Np-240m	TALYS-6a	0 [4,7,8,8]	10
Pu-245(n,6nt)Np-237	TALYS-6a	0 [8]	10	Pu-247(n,3nt)Np-242g	TALYS-6a	0 [4,8,7,8]	23
Pu-245(n,2nh)U-241	TALYS-6a	0 [8,7,8]	23	Pu-247(n,3nt)Np-242m	TALYS-6a	0 [4,7,8,8]	22
Pu-245(n,3nh)U-240	TALYS-6a	0 [8]	18	Pu-247(n,4nt)Np-241	TALYS-6a	0 [8,7,8]	17
Pu-245(n,4nh)U-239	TALYS-6a	0 [8]	14	Pu-247(n,5nt)Np-240g	TALYS-6a	0 [4,8,7,8]	13
Pu-245(n,3n2p)U-241	TALYS-6a	0 [8,7,8]	15	Pu-247(n,5nt)Np-240m	TALYS-6a	0 [4,7,8,8]	12
Pu-245(n,3npa)Pa-238	TALYS-6a	0 [8]	20	Pu-247(n,6nt)Np-239	TALYS-6a	0 [8,7,8]	11
Pu-245(n,n'pd)U-242	TALYS-6a	0 [8]	21	Pu-247(n,2nh)U-243	TALYS-6a	0 [8,7,8]	22
Pu-245(n,2n2p)U-242	TALYS-6a	0 [8]	19	Pu-247(n,3nh)U-242	TALYS-6a	0 [8,7,8]	18
Pu-245(n,4n2p)U-240	TALYS-6a	0 [8]	13	Pu-247(n,4nh)U-241	TALYS-6a	0 [8,7,8]	15
Pu-245(n,4n2a)Th-234	TALYS-6a	0 [8,15]	22	Pu-247(n,3n2p)U-243	TALYS-6a	0 [8,7,8]	15
Pu-245(n,4npa)Pa-237	TALYS-6a	0 [8]	15	Pu-247(n,n'pd)U-244	TALYS-6a	0 [8,7,8]	20
Pu-246(n,2nd)Np-243	TALYS-6a	0 [8,7,8]	28	Pu-247(n,2n2p)U-244	TALYS-6a	0 [8,7,8]	19
>Pu-246(n,2n)Pu-245	TALYS-5	0 [4]	56	Pu-247(n,4n2p)U-242	TALYS-6a	0 [8,7,8]	13
>Pu-246(n,3n)Pu-244	TALYS-5	0 [4]	40	Pu-247(n,5n2p)U-241	TALYS-6a	0 [8,7,8]	10
>Pu-246(n,f)	JAERI(MDF)	0 [13,4,7,3]	69	Am-239(n,2nd)Pu-236	TALYS-6a	0 [8]	29
Pu-246(n,n'a)U-242	TALYS-6a	0	100	Am-239(n,2n)Am-238	TALYS-5	0	50
Pu-246(n,2na)U-241	TALYS-6a	0 [8,7,8]	46	Am-239(n,3n)Am-237	TALYS-5	0 [7,8]	34
Pu-246(n,3na)U-240	TALYS-6a	0 [8]	37	>Am-239(n,f)	TALYS-6a	0 [8,8,10,10,11]	110
Pu-246(n,n'p)Np-245	TALYS-6a	0 [8,7,8]	42	Am-239(n,n'a)Np-235	TALYS-6a	0	100
Pu-246(n,n'd)Np-244	TALYS-6a	0 [8,7,8]	33	Am-239(n,2na)Np-234	TALYS-6a	0 [8]	47
Pu-246(n,n't)Np-243	TALYS-6a	0 [8,7,8]	36	Am-239(n,3na)Np-233	TALYS-6a	0 [8,7,8]	34
Pu-246(n,n'h)U-243	TALYS-6a	0 [8,7,8]	27	Am-239(n,n'p)Pu-238	TALYS-6a	0 [8]	57
Pu-246(n,4n)Pu-243	TALYS-6a	0	30	Am-239(n,n'2a)Pa-231	TALYS-6a	0	100
Pu-246(n,2np)Np-244	TALYS-6a	0 [8,7,8]	31	Am-239(n,2n2a)Pa-230	TALYS-6a	0	100
Pu-246(n,3np)Np-243	TALYS-6a	0 [8,7,8]	26	Am-239(n,n'd)Pu-237g	TALYS-6a	0	38
Pu-246(n,n'2p)U-244	TALYS-6a	0 [8,7,8]	23	Am-239(n,n'd)Pu-237m	TALYS-6a	0	37
>Pu-246(n,g)Pu-247	TALYS-6a	0 [7]	100	Am-239(n,n't)Pu-236	TALYS-6a	0 [8]	38
Pu-246(n,p)Np-246	TALYS-6a	0 [2,8,7,8]	57	Am-239(n,n'h)Np-236g	TALYS-6a	0	30
Pu-246(n,d)Np-245	TALYS-6a	0 [8,7,8]	44	Am-239(n,n'h)Np-236m	TALYS-6a	0	30
Pu-246(n,t)Np-244	TALYS-6a	0 [8,7,8]	45	Am-239(n,n't2a)Th-228	TALYS-6a	0	100
Pu-246(n,h)U-244	TALYS-6a	0 [8,7,8]	30	Am-239(n,2np)Pu-237g	TALYS-6a	0	35
Pu-246(n,a)U-243	TALYS-6a	0 [2]	100	Am-239(n,2np)Pu-237m	TALYS-6a	0	35
Pu-246(n,2p)U-245	TALYS-6a	0 [8,7,8]	23	Am-239(n,3np)Pu-236	TALYS-6a	0 [8]	27
Pu-246(n,5n)Pu-242	TALYS-6a	0	25	Am-239(n,n'2p)Np-237	TALYS-6a	0 [8]	29

Reaction	Library	Flag	Refs	Value
Am-239(n,n'pa)U-234	TALYS-6a	0		100
Am-239(n,g)Am-240	TALYS-6a	0	[14]	100
Am-239(n,p)Pu-239	TALYS-6a	0	[2]	100
Am-239(n,d)Pu-238	TALYS-6a	0	[8]	62
Am-239(n,t)Pu-237g	TALYS-6a	0		56
Am-239(n,t)Pu-237m	TALYS-6a	0		56
Am-239(n,h)Np-237	TALYS-6a	0	[8]	41
Am-239(n,a)Np-236g	TALYS-6a	0	[2]	100
Am-239(n,a)Np-236m	TALYS-6a	0	[2]	100
Am-239(n,2a)Pa-232	TALYS-6a	0		100
Am-239(n,2p)Np-238	TALYS-6a	0	[8]	36
Am-239(n,pd)Np-237	TALYS-6a	0	[8]	30
Am-239(n,2nt)Pu-235	TALYS-6a	0	[8,7,8]	27
Am-239(n,ta)U-233	TALYS-6a	0		100
Am-239(n,4np)Pu-235	TALYS-6a	0	[8,7,8]	20
Am-239(n,3nd)Pu-235	TALYS-6a	0	[8,7,8]	21
Am-239(n,n'da)U-233	TALYS-6a	0	[8]	31
Am-239(n,2npa)U-233	TALYS-6a	0	[8]	30
Am-239(n,5np)Pu-234	TALYS-6a	0	[8]	15
Am-239(n,4na)Np-232	TALYS-6a	0	[8,7,8]	25
Am-239(n,5na)Np-231	TALYS-6a	0	[8]	19
Am-239(n,6na)Np-230	TALYS-6a	0	[8]	14
Am-239(n,4nd)Pu-234	TALYS-6a	0	[8]	16
Am-239(n,3nt)Pu-234	TALYS-6a	0	[8]	21
Am-239(n,4nt)Pu-233	TALYS-6a	0	[8]	14
Am-239(n,2nh)Np-235	TALYS-6a	0	[8]	24
Am-239(n,3nh)Np-234	TALYS-6a	0	[8]	17
Am-239(n,4nh)Np-233	TALYS-6a	0	[8,7,8]	14
Am-239(n,3n2p)Np-235	TALYS-6a	0	[8]	16
Am-239(n,3n2a)Pa-229	TALYS-6a	0	[8]	31
Am-239(n,3npa)U-232	TALYS-6a	0	[8]	23
Am-239(n,n'pd)Np-236g	TALYS-6a	0		23
Am-239(n,n'pd)Np-236m	TALYS-6a	0		23
Am-239(n,n'pt)Np-235	TALYS-6a	0	[8]	24
Am-239(n,n'dt)Np-234	TALYS-6a	0	[8]	17
Am-239(n,n'ta)U-232	TALYS-6a	0	[8]	30
Am-239(n,2n2p)Np-236g	TALYS-6a	0		22
Am-239(n,2n2p)Np-236m	TALYS-6a	0		22
Am-239(n,4n2p)Np-234	TALYS-6a	0	[8]	13
Am-239(n,4n2a)Pa-228	TALYS-6a	0	[8,7,8]	20
Am-239(n,4npa)U-231	TALYS-6a	0	[8,7,8]	17
Am-240(n,2nd)Pu-237g	TALYS-6a	0		28
Am-240(n,2nd)Pu-237m	TALYS-6a	0		28
Am-240(n,2n)Am-239	TALYS-5	0		56
Am-240(n,3n)Am-238	TALYS-5	0		35
>Am-240(n,f)	JAERI(MDF)	0	[13,4,7,3]	69
Am-240(n,n'a)Np-236g	TALYS-6a	0		100
Am-240(n,n'a)Np-236m	TALYS-6a	0		100
Am-240(n,2na)Np-235	TALYS-6a	0	[8]	53
Am-240(n,3na)Np-234	TALYS-6a	0	[8]	33
Am-240(n,n'p)Pu-239	TALYS-6a	0	[8]	55
Am-240(n,2n2a)Pa-231	TALYS-6a	0		100
Am-240(n,n'd)Pu-238	TALYS-6a	0	[8]	40
Am-240(n,n't)Pu-237g	TALYS-6a	0		38
Am-240(n,n't)Pu-237m	TALYS-6a	0		37
Am-240(n,n'h)Np-237	TALYS-6a	0	[8]	30
Am-240(n,4n)Am-237	TALYS-6a	0		27
Am-240(n,2np)Pu-238	TALYS-6a	0	[8]	38
Am-240(n,3np)Pu-237g	TALYS-6a	0		27
Am-240(n,3np)Pu-237m	TALYS-6a	0		27
Am-240(n,n'2p)Np-238	TALYS-6a	0	[8]	28
Am-240(n,n'pa)U-235g	TALYS-6a	0		100
Am-240(n,n'pa)U-235m	TALYS-6a	0		100
Am-240(n,g)Am-241	MASGAM	0	[14,13]	83
Am-240(n,p)Pu-240	TALYS-6a	0	[2]	100
Am-240(n,d)Pu-239	TALYS-6a	0	[8]	60
Am-240(n,t)Pu-238	TALYS-6a	0	[8]	61
Am-240(n,h)Np-238	TALYS-6a	0	[8]	40
Am-240(n,a)Np-237	TALYS-6a	0	[2]	100
Am-240(n,2a)Pa-233	TALYS-6a	0	[10]	100
Am-240(n,2p)Np-239	TALYS-6a	0	[8]	36
Am-240(n,pd)Np-238	TALYS-6a	0	[8]	29
Am-240(n,da)U-235g	TALYS-6a	0		100
Am-240(n,da)U-235m	TALYS-6a	0		100
Am-240(n,2nt)Pu-236	TALYS-6a	0	[8]	28
Am-240(n,ta)U-234	TALYS-6a	0		100
Am-240(n,4np)Pu-236	TALYS-6a	0	[8]	21
Am-240(n,3nd)Pu-236	TALYS-6a	0	[8]	22
Am-240(n,n'da)U-234	TALYS-6a	0	[8]	33
Am-240(n,2npa)U-234	TALYS-6a	0	[8]	31
Am-240(n,5np)Pu-235	TALYS-6a	0	[8,7,8]	15
Am-240(n,6np)Pu-234	TALYS-6a	0	[8]	12
Am-240(n,4na)Np-233	TALYS-6a	0	[8,7,8]	26
Am-240(n,5na)Np-232	TALYS-6a	0	[8,7,8]	18
Am-240(n,6na)Np-231	TALYS-6a	0	[8]	13
Am-240(n,4nd)Pu-235	TALYS-6a	0	[8,7,8]	16
Am-240(n,5nd)Pu-234	TALYS-6a	0	[8]	12
Am-240(n,3nt)Pu-235	TALYS-6a	0	[8,7,8]	21
Am-240(n,4nt)Pu-234	TALYS-6a	0	[8]	15
Am-240(n,2nh)Np-236g	TALYS-6a	0		24
Am-240(n,2nh)Np-236m	TALYS-6a	0		24
Am-240(n,3nh)Np-235	TALYS-6a	0	[8]	18
Am-240(n,4nh)Np-234	TALYS-6a	0	[8]	14
Am-240(n,3n2p)Np-236g	TALYS-6a	0		16
Am-240(n,3n2p)Np-236m	TALYS-6a	0		16
Am-240(n,3n2a)Pa-230	TALYS-6a	0	[8,15]	26
Am-240(n,3npa)U-233	TALYS-6a	0	[8]	24
Am-240(n,n'pd)Np-237	TALYS-6a	0	[8]	24
Am-240(n,n'ta)U-233	TALYS-6a	0	[8]	31
Am-240(n,2n2p)Np-237	TALYS-6a	0	[8]	23
Am-240(n,4n2p)Np-235	TALYS-6a	0	[8]	13
Am-240(n,4n2a)Pa-229	TALYS-6a	0	[8]	25
Am-240(n,4npa)U-232	TALYS-6a	0	[8]	17
Am-241(n,2nd)Pu-238	TALYS-6a	0	[8]	29
>Am-241(n,2n)Am-240	ENDF/B-VII.2	4	[13,13,3]	110
Am-241(n,3n)Am-239	ENDF/B-VII.0	2	[13,3]	52
Am-241(n,f)	JEF-2.2	4	[13,4]	
14776				
Am-241(n,n'a)Np-237	TALYS-6a	0		100

Reaction	Library	Flag	Refs	Value
Am-241(n,n'3a)Ac-229	TALYS-6a	0		100
Am-241(n,2na)Np-236g	TALYS-6a	0		49
Am-241(n,2na)Np-236m	TALYS-6a	0		49
Am-241(n,3na)Np-235	TALYS-6a	0	[8]	35
Am-241(n,n'p)Pu-240	TALYS-6a	0	[8]	54
Am-241(n,n'2a)Pa-233	TALYS-6a	0		100
Am-241(n,2n2a)Pa-232	TALYS-6a	0		100
Am-241(n,n'd)Pu-239	TALYS-6a	0	[8]	38
Am-241(n,n't)Pu-238	TALYS-6a	0	[8]	38
Am-241(n,n'h)Np-238	TALYS-6a	0	[8]	29
Am-241(n,4n)Am-238	TALYS-6a	0		27
Am-241(n,2np)Pu-239	TALYS-6a	0	[8]	35
Am-241(n,3np)Pu-238	TALYS-6a	0	[8]	28
Am-241(n,n'2p)Np-239	TALYS-6a	0	[8]	27
Am-241(n,n'pa)U-236	TALYS-6a	0		100
Am-241(n,g)Am-242g	JENDL-3.3	4	[13,4,6,3]	
19517				
Am-241(n,g)Am-242m	JENDL-3.3	2	[13,4,6,3]	
19517				
Am-241(n,p)Pu-241	TALYS-6a	0	[2]	100
Am-241(n,d)Pu-240	TALYS-6a	0	[8]	60
Am-241(n,t)Pu-239	TALYS-6a	0	[8]	55
Am-241(n,h)Np-239	TALYS-6a	0	[8]	39
Am-241(n,a)Np-238	TALYS-6a	0	[2]	100
Am-241(n,2a)Pa-234g	TALYS-6a	0	[4,10]	100
Am-241(n,2a)Pa-234m	TALYS-6a	0	[4,7,10]	100
Am-241(n,2p)Np-240g	TALYS-6a	0	[4,8]	30
Am-241(n,2p)Np-240m	TALYS-6a	0	[4,7,8,8]	29
Am-241(n,pa)U-237	TALYS-6a	0		100
Am-241(n,pd)Np-239	TALYS-6a	0	[8]	28
Am-241(n,da)U-236	TALYS-6a	0		100
Am-241(n,5n)Am-237	TALYS-6a	0		20
Am-241(n,2nt)Pu-237g	TALYS-6a	0		27
Am-241(n,2nt)Pu-237m	TALYS-6a	0		27
Am-241(n,ta)U-235g	TALYS-6a	0		100
Am-241(n,ta)U-235m	TALYS-6a	0		100
Am-241(n,4np)Pu-237g	TALYS-6a	0		20
Am-241(n,4np)Pu-237m	TALYS-6a	0		20
Am-241(n,3nd)Pu-237g	TALYS-6a	0		22
Am-241(n,3nd)Pu-237m	TALYS-6a	0		21
Am-241(n,n'da)U-235g	TALYS-6a	0		30
Am-241(n,n'da)U-235m	TALYS-6a	0		30
Am-241(n,2npa)U-235g	TALYS-6a	0		29
Am-241(n,2npa)U-235m	TALYS-6a	0		29
Am-241(n,5np)Pu-236	TALYS-6a	0	[8]	15
Am-241(n,6np)Pu-235	TALYS-6a	0	[8,7,8]	11
Am-241(n,4na)Np-234	TALYS-6a	0	[8]	25
Am-241(n,5na)Np-233	TALYS-6a	0	[8,7,8]	19
Am-241(n,6na)Np-232	TALYS-6a	0	[8,7,8]	14
Am-241(n,4nd)Pu-236	TALYS-6a	0	[8]	16
Am-241(n,5nd)Pu-235	TALYS-6a	0	[8,7,8]	12
Am-241(n,3nt)Pu-236	TALYS-6a	0	[8]	21
Am-241(n,4nt)Pu-235	TALYS-6a	0	[8,7,8]	15
Am-241(n,5nt)Pu-234	TALYS-6a	0	[8]	12
Am-241(n,2nh)Np-237	TALYS-6a	0	[8]	24
Am-241(n,3nh)Np-236g	TALYS-6a	0		17
Am-241(n,3nh)Np-236m	TALYS-6a	0		17
Am-241(n,4nh)Np-235	TALYS-6a	0	[8]	14
Am-241(n,3n2p)Np-237	TALYS-6a	0	[8]	16
Am-241(n,3n2a)Pa-231	TALYS-6a	0	[8]	28
Am-241(n,3npa)U-234	TALYS-6a	0	[8]	25
Am-241(n,n'pd)Np-238	TALYS-6a	0	[8]	23
Am-241(n,n'ta)U-234	TALYS-6a	0	[8]	31
Am-241(n,2n2p)Np-238	TALYS-6a	0	[8]	21
Am-241(n,4n2p)Np-236g	TALYS-6a	0		13
Am-241(n,4n2p)Np-236m	TALYS-6a	0		13
Am-241(n,4npa)U-233	TALYS-6a	0	[8]	18
Am-242(n,n')Am-242m	TALYS-6a	1		91
Am-242(n,2nd)Pu-239	TALYS-6a	0	[8]	29
>Am-242(n,2n)Am-241	TALYS-5	0	[4]	58
>Am-242(n,3n)Am-240	TALYS-5	0	[4]	37
>Am-242(n,f)	MASLOV	4	[7,13]	4016
Am-242(n,n'a)Np-238	TALYS-6a	0		100
Am-242(n,2na)Np-237	TALYS-6a	0		100
Am-242(n,3na)Np-236g	TALYS-6a	0		35
Am-242(n,3na)Np-236m	TALYS-6a	0		35
Am-242(n,n'p)Pu-241	TALYS-6a	0	[8]	52
Am-242(n,n'2a)Pa-234g	TALYS-6a	0	[4]	100
Am-242(n,n'2a)Pa-234m	TALYS-6a	0	[4,7]	100
Am-242(n,2n2a)Pa-233	TALYS-6a	0		100
Am-242(n,n'd)Pu-240	TALYS-6a	0	[8]	40
Am-242(n,n't)Pu-239	TALYS-6a	0	[8]	39
Am-242(n,n'h)Np-239	TALYS-6a	0	[8]	30
Am-242(n,4n)Am-239	TALYS-6a	0		28
Am-242(n,2np)Pu-240	TALYS-6a	0	[8]	38
Am-242(n,3np)Pu-239	TALYS-6a	0	[8]	28
Am-242(n,n'2p)Np-240g	TALYS-6a	0	[4,8]	27
Am-242(n,n'2p)Np-240m	TALYS-6a	0	[4,7,8,8]	26
Am-242(n,n'pa)U-237	TALYS-6a	0		100
>Am-242(n,g)Am-243	ENDF/B-VII.2	2	[13]	6307
Am-242(n,p)Pu-242	TALYS-6a	0	[2]	100
Am-242(n,d)Pu-241	TALYS-6a	0	[8]	59
Am-242(n,t)Pu-240	TALYS-6a	0	[8]	61
Am-242(n,h)Np-240g	TALYS-6a	0	[4,8]	35
Am-242(n,h)Np-240m	TALYS-6a	0	[4,7,8,8]	34
Am-242(n,a)Np-239	TALYS-6a	0	[2]	100
Am-242(n,2p)Np-241	TALYS-6a	0	[8]	30
Am-242(n,da)U-237	TALYS-6a	0		100
Am-242(n,5n)Am-238	TALYS-6a	0		21
Am-242(n,6n)Am-237	TALYS-6a	0		16
Am-242(n,2nt)Pu-238	TALYS-6a	0	[8]	29
Am-242(n,4np)Pu-238	TALYS-6a	0	[8]	22
Am-242(n,3nd)Pu-238	TALYS-6a	0	[8]	23
Am-242(n,5np)Pu-237g	TALYS-6a	0		15
Am-242(n,5np)Pu-237m	TALYS-6a	0		15
Am-242(n,6np)Pu-236	TALYS-6a	0	[8]	12
Am-242(n,4na)Np-235	TALYS-6a	0	[8]	28
Am-242(n,5na)Np-234	TALYS-6a	0	[8]	19
Am-242(n,6na)Np-233	TALYS-6a	0	[8,7,8]	15

Reaction	Library	Flag [Refs]	Value
Am-242(n,7na)Np-232	TALYS-6a	0 [8,7,8]	10
Am-242(n,4nd)Pu-237g	TALYS-6a	0	16
Am-242(n,4nd)Pu-237m	TALYS-6a	0	16
Am-242(n,5nd)Pu-236	TALYS-6a	0 [8]	13
Am-242(n,6nd)Pu-235	TALYS-6a	0 [8,7,8]	9
Am-242(n,3nt)Pu-237g	TALYS-6a	0	22
Am-242(n,3nt)Pu-237m	TALYS-6a	0	21
Am-242(n,4nt)Pu-236	TALYS-6a	0 [8]	16
Am-242(n,5nt)Pu-235	TALYS-6a	0 [8,7,8]	12
Am-242(n,2nh)Np-238	TALYS-6a	0 [8]	24
Am-242(n,3nh)Np-237	TALYS-6a	0 [8]	18
Am-242(n,4nh)Np-236g	TALYS-6a	0	14
Am-242(n,4nh)Np-236m	TALYS-6a	0	14
Am-242(n,3n2p)Np-238	TALYS-6a	0 [8]	16
Am-242(n,3n2a)Pa-232	TALYS-6a	0 [8]	26
Am-242(n,3npa)U-235g	TALYS-6a	0	23
Am-242(n,3npa)U-235m	TALYS-6a	0	23
Am-242(n,n'pd)Np-239	TALYS-6a	0 [8]	23
Am-242(n,2n2p)Np-239	TALYS-6a	0 [8]	22
Am-242(n,4n2p)Np-237	TALYS-6a	0 [8]	13
Am-242(n,4n2a)Pa-231	TALYS-6a	0 [8]	22
Am-242(n,4npa)U-234	TALYS-6a	0 [8]	19
Am-242(n,5n2p)Np-236g	TALYS-6a	0	10
Am-242(n,5n2p)Np-236m	TALYS-6a	0	10
Am-242m(n,n')Am-242g	TALYS-6a	0 [8]	98
Am-242m(n,2nd)Pu-239	TALYS-6a	0 [8]	29
>Am-242m(n,2n)Am-241	TALYS-5	0 [4]	58
>Am-242m(n,3n)Am-240	TALYS-5	0 [4]	37
Am-242m(n,f)	JEF-2.2	4 [13,4]	1040
Am-242m(n,n'a)Np-238	TALYS-6a	0	100
Am-242m(n,2na)Np-237	TALYS-6a	0	100
Am-242m(n,3na)Np-236g	TALYS-6a	0	36
Am-242m(n,3na)Np-236m	TALYS-6a	0	35
Am-242m(n,n'p)Pu-241	TALYS-6a	0 [8]	52
Am-242m(n,n'2a)Pa-234g	TALYS-6a	0 [4]	100
Am-242m(n,n'2a)Pa-234m	TALYS-6a	0 [4,7]	100
Am-242m(n,2n2a)Pa-233	TALYS-6a	0	100
Am-242m(n,n'd)Pu-240	TALYS-6a	0 [8]	40
Am-242m(n,n't)Pu-239	TALYS-6a	0 [8]	39
Am-242m(n,n'h)Np-239	TALYS-6a	0 [8]	30
Am-242m(n,4n)Am-239	TALYS-6a	0	28
Am-242m(n,2np)Pu-240	TALYS-6a	0 [8]	38
Am-242m(n,3np)Pu-239	TALYS-6a	0 [8]	28
Am-242m(n,n'2p)Np-240g	TALYS-6a	0 [4,8]	27
Am-242m(n,n'2p)Np-240m	TALYS-6a	0 [4,7,8,8]	26
Am-242m(n,n'pa)U-237	TALYS-6a	0	100
>Am-242m(n,g)Am-243	JEF-2.2	4 [13]	1097
Am-242m(n,p)Pu-242	TALYS-6a	0 [2]	100
Am-242m(n,d)Pu-241	TALYS-6a	0 [8]	57
Am-242m(n,t)Pu-240	TALYS-6a	0 [8]	60
Am-242m(n,h)Np-240g	TALYS-6a	0 [4,8]	35
Am-242m(n,h)Np-240m	TALYS-6a	0 [4,7,8,8]	34
Am-242m(n,a)Np-239	TALYS-6a	0 [2]	100
Am-242m(n,2a)Pa-235	TALYS-6a	0 [10]	100
Am-242m(n,2p)Np-241	TALYS-6a	0 [8]	30
Am-242m(n,da)U-237	TALYS-6a	0	100
Am-242m(n,5n)Am-238	TALYS-6a	0	21
Am-242m(n,6n)Am-237	TALYS-6a	0	16
Am-242m(n,2nt)Pu-238	TALYS-6a	0 [8]	28
Am-242m(n,4np)Pu-238	TALYS-6a	0 [8]	22
Am-242m(n,3nd)Pu-238	TALYS-6a	0 [8]	23
Am-242m(n,5np)Pu-237g	TALYS-6a	0	15
Am-242m(n,5np)Pu-237m	TALYS-6a	0	15
Am-242m(n,6np)Pu-236	TALYS-6a	0 [8]	12
Am-242m(n,4na)Np-235	TALYS-6a	0 [8]	28
Am-242m(n,5na)Np-234	TALYS-6a	0 [8]	19
Am-242m(n,6na)Np-233	TALYS-6a	0 [8,7,8]	15
Am-242m(n,7na)Np-232	TALYS-6a	0 [8,7,8]	10
Am-242m(n,4nd)Pu-237g	TALYS-6a	0	16
Am-242m(n,4nd)Pu-237m	TALYS-6a	0	16
Am-242m(n,5nd)Pu-236	TALYS-6a	0 [8]	13
Am-242m(n,6nd)Pu-235	TALYS-6a	0 [8,7,8]	9
Am-242m(n,3nt)Pu-237g	TALYS-6a	0	22
Am-242m(n,3nt)Pu-237m	TALYS-6a	0	21
Am-242m(n,4nt)Pu-236	TALYS-6a	0 [8]	16
Am-242m(n,5nt)Pu-235	TALYS-6a	0 [8,7,8]	12
Am-242m(n,2nh)Np-238	TALYS-6a	0 [8]	24
Am-242m(n,3nh)Np-237	TALYS-6a	0 [8]	19
Am-242m(n,4nh)Np-236g	TALYS-6a	0	14
Am-242m(n,4nh)Np-236m	TALYS-6a	0	14
Am-242m(n,3n2p)Np-238	TALYS-6a	0 [8]	16
Am-242m(n,3n2a)Pa-232	TALYS-6a	0 [8]	27
Am-242m(n,3npa)U-235g	TALYS-6a	0	24
Am-242m(n,3npa)U-235m	TALYS-6a	0	24
Am-242m(n,n'pd)Np-239	TALYS-6a	0 [8]	23
Am-242m(n,2n2p)Np-239	TALYS-6a	0 [8]	22
Am-242m(n,4n2p)Np-237	TALYS-6a	0 [8]	13
Am-242m(n,4n2a)Pa-231	TALYS-6a	0 [8]	23
Am-242m(n,4npa)U-234	TALYS-6a	0 [8]	19
Am-242m(n,5n2p)Np-236g	TALYS-6a	0	10
Am-242m(n,5n2p)Np-236m	TALYS-6a	0	10
Am-243(n,2nd)Pu-240	TALYS-6a	0 [8]	29
>Am-243(n,2n)Am-242g	TALYS-5	0 [4]	54
>Am-243(n,2n)Am-242m	TALYS-5	3 [4]	53
>Am-243(n,3n)Am-241	TALYS-5	0 [4]	38
Am-243(n,f)	ENDF/B-VI	6 [13,12] 20727	
Am-243(n,n'a)Np-239	TALYS-6a	0	100
Am-243(n,2na)Np-238	TALYS-6a	0 [8]	50
Am-243(n,3na)Np-237	TALYS-6a	0 [8]	36
Am-243(n,n'p)Pu-242	TALYS-6a	0 [8]	52
Am-243(n,n'2a)Pa-235	TALYS-6a	0	100
Am-243(n,2n2a)Pa-234g	TALYS-6a	0 [4]	100
Am-243(n,2n2a)Pa-234m	TALYS-6a	0 [4,7]	100
Am-243(n,n'd)Pu-241	TALYS-6a	0 [8]	38
Am-243(n,n't)Pu-240	TALYS-6a	0 [8]	39
Am-243(n,n'h)Np-240g	TALYS-6a	0 [4,8]	29
Am-243(n,n'h)Np-240m	TALYS-6a	0 [4,7,8,8]	28
Am-243(n,4n)Am-240	TALYS-6a	0	28
Am-243(n,2np)Pu-241	TALYS-6a	0 [8]	35
Am-243(n,3np)Pu-240	TALYS-6a	0 [8]	28
Am-243(n,n'2p)Np-241	TALYS-6a	0 [8]	26
Am-243(n,g)Am-244g	JENDL-3.3	2 [13,4,6,3] 26353	
Am-243(n,g)Am-244m	JENDL-3.3	4 [13,4,6,3] 26353	
Am-243(n,p)Pu-243	TALYS-6a	0 [2]	100
Am-243(n,d)Pu-242	TALYS-6a	0 [8]	58
Am-243(n,t)Pu-241	TALYS-6a	0 [8]	56
Am-243(n,h)Np-241	TALYS-6a	0 [8]	34
Am-243(n,a)Np-240g	TALYS-6a	0 [4,2]	100
Am-243(n,a)Np-240m	TALYS-6a	0 [4,7,2]	100
Am-243(n,2a)Pa-236	TALYS-6a	0 [10]	100
Am-243(n,2p)Np-242g	TALYS-6a	0 [4,8]	30
Am-243(n,2p)Np-242m	TALYS-6a	0 [4,7,8,8]	30
Am-243(n,pa)U-239	TALYS-6a	0	100
Am-243(n,pd)Np-241	TALYS-6a	0 [8]	27
Am-243(n,5n)Am-239	TALYS-6a	0	22
Am-243(n,6n)Am-238	TALYS-6a	0	16
Am-243(n,2nt)Pu-239	TALYS-6a	0 [8]	28
Am-243(n,ta)U-237	TALYS-6a	0	100
Am-243(n,4np)Pu-239	TALYS-6a	0 [8]	21
Am-243(n,3nd)Pu-239	TALYS-6a	0 [8]	23
Am-243(n,n'da)U-237	TALYS-6a	0 [8]	30
Am-243(n,2npa)U-237	TALYS-6a	0 [8]	29
Am-243(n,7n)Am-237	TALYS-6a	0	13
Am-243(n,5np)Pu-238	TALYS-6a	0 [8]	16
Am-243(n,6np)Pu-237g	TALYS-6a	0	12
Am-243(n,6np)Pu-237m	TALYS-6a	0	12
Am-243(n,7np)Pu-236	TALYS-6a	0 [8]	9
Am-243(n,4na)Np-236g	TALYS-6a	0	27
Am-243(n,4na)Np-236m	TALYS-6a	0	27
Am-243(n,5na)Np-235	TALYS-6a	0 [8]	21
Am-243(n,6na)Np-234	TALYS-6a	0 [8]	14
Am-243(n,7na)Np-233	TALYS-6a	0 [8,7,8]	11
Am-243(n,4nd)Pu-238	TALYS-6a	0 [8]	17
Am-243(n,5nd)Pu-237g	TALYS-6a	0	13
Am-243(n,5nd)Pu-237m	TALYS-6a	0	13
Am-243(n,6nd)Pu-236	TALYS-6a	0 [8]	10
Am-243(n,3nt)Pu-238	TALYS-6a	0 [8]	22
Am-243(n,4nt)Pu-237g	TALYS-6a	0	16
Am-243(n,4nt)Pu-237m	TALYS-6a	0	16
Am-243(n,5nt)Pu-236	TALYS-6a	0 [8]	12
Am-243(n,2nh)Np-239	TALYS-6a	0 [8]	24
Am-243(n,3nh)Np-238	TALYS-6a	0 [8]	18
Am-243(n,4nh)Np-237	TALYS-6a	0 [8]	14
Am-243(n,3n2p)Np-239	TALYS-6a	0 [8]	16
Am-243(n,3n2a)Pa-233	TALYS-6a	0 [8]	28
Am-243(n,3npa)U-236	TALYS-6a	0 [8]	24
Am-243(n,n'pd)Np-240g	TALYS-6a	0 [4,8]	22
Am-243(n,n'pd)Np-240m	TALYS-6a	0 [4,7,8,8]	21
Am-243(n,n'ta)U-236	TALYS-6a	0 [8]	30
Am-243(n,2n2p)Np-240g	TALYS-6a	0 [4,8]	21
Am-243(n,2n2p)Np-240m	TALYS-6a	0 [4,7,8,8]	20
Am-243(n,4n2p)Np-238	TALYS-6a	0 [8]	13
Am-243(n,4n2a)Pa-232	TALYS-6a	0 [8]	20
Am-243(n,4npa)U-235g	TALYS-6a	0	17
Am-243(n,4npa)U-235m	TALYS-6a	0	17
Am-243(n,5n2p)Np-237	TALYS-6a	0 [8]	10
Am-244(n,2nd)Pu-241	TALYS-6a	0 [8]	29
>Am-244(n,2n)Am-243	TALYS-5	0 [4]	59
>Am-244(n,3n)Am-242g	TALYS-5	0 [4]	38
>Am-244(n,3n)Am-242m	TALYS-5	0 [4]	38
Am-244(n,f)	ENDF/B-VII.2	0 [13]	1068
Am-244(n,n'a)Np-240g	TALYS-6a	0 [4]	100
Am-244(n,n'a)Np-240m	TALYS-6a	0 [4,7]	100
Am-244(n,2na)Np-239	TALYS-6a	0	100
Am-244(n,3na)Np-238	TALYS-6a	0 [8]	36
Am-244(n,n'p)Pu-243	TALYS-6a	0 [8]	50
Am-244(n,n'd)Pu-242	TALYS-6a	0 [8]	40
Am-244(n,n't)Pu-241	TALYS-6a	0 [8]	39
Am-244(n,n'h)Np-241	TALYS-6a	0 [8]	29
Am-244(n,4n)Am-241	TALYS-6a	0	29
Am-244(n,2np)Pu-242	TALYS-6a	0 [8]	37
Am-244(n,3np)Pu-241	TALYS-6a	0 [8]	28
Am-244(n,n'2p)Np-242g	TALYS-6a	0 [4,8]	25
Am-244(n,n'2p)Np-242m	TALYS-6a	0 [4,7,8,8]	25
Am-244(n,n'pa)U-239	TALYS-6a	0 [8]	37
Am-244(n,g)Am-245	TALYS-6a	0 [14]	100
Am-244(n,p)Pu-244	TALYS-6a	0 [2]	100
Am-244(n,d)Pu-243	TALYS-6a	0 [8]	57
Am-244(n,t)Pu-242	TALYS-6a	0 [8]	61
Am-244(n,h)Np-242g	TALYS-6a	0 [4,8]	33
Am-244(n,h)Np-242m	TALYS-6a	0 [4,7,8,8]	33
Am-244(n,a)Np-241	TALYS-6a	0 [2]	100
Am-244(n,2p)Np-243	TALYS-6a	0 [8,7,8]	30
Am-244(n,pd)Np-242g	TALYS-6a	0 [4,8]	26
Am-244(n,pd)Np-242m	TALYS-6a	0 [4,7,8,8]	26
Am-244(n,5n)Am-240	TALYS-6a	0	22
Am-244(n,6n)Am-239	TALYS-6a	0	17
Am-244(n,2nt)Pu-240	TALYS-6a	0 [8]	30
Am-244(n,4np)Pu-240	TALYS-6a	0 [8]	22
Am-244(n,3nd)Pu-240	TALYS-6a	0 [8]	24
Am-244(n,2npa)U-238	TALYS-6a	0 [8]	30
Am-244(n,7n)Am-238	TALYS-6a	0	13
Am-244(n,8n)Am-237	TALYS-6a	0	10
Am-244(n,5np)Pu-239	TALYS-6a	0 [8]	16
Am-244(n,6np)Pu-238	TALYS-6a	0 [8]	13
Am-244(n,7np)Pu-237g	TALYS-6a	0	9
Am-244(n,7np)Pu-237m	TALYS-6a	0	9
Am-244(n,4na)Np-237	TALYS-6a	0 [8]	28
Am-244(n,5na)Np-236g	TALYS-6a	0	22
Am-244(n,5na)Np-236m	TALYS-6a	0	21
Am-244(n,6na)Np-235	TALYS-6a	0 [8]	16
Am-244(n,7na)Np-234	TALYS-6a	0 [8]	12
Am-244(n,4nd)Pu-239	TALYS-6a	0 [8]	17
Am-244(n,5nd)Pu-238	TALYS-6a	0 [8]	14
Am-244(n,6nd)Pu-237g	TALYS-6a	0	10

Reaction	Library	flag	refs	value
Am-244(n,6nd)Pu-237m	TALYS-6a	0		10
Am-244(n,3nt)Pu-239	TALYS-6a	0	[8]	23
Am-244(n,4nt)Pu-238	TALYS-6a	0	[8]	17
Am-244(n,5nt)Pu-237g	TALYS-6a	0		13
Am-244(n,5nt)Pu-237m	TALYS-6a	0		13
Am-244(n,6nt)Pu-236	TALYS-6a	0	[8]	10
Am-244(n,2nh)Np-240g	TALYS-6a	0	[4,8]	24
Am-244(n,2nh)Np-240m	TALYS-6a	0	[4,7,8,8]	23
Am-244(n,3nh)Np-239	TALYS-6a	0	[8]	18
Am-244(n,4nh)Np-238	TALYS-6a	0	[8]	14
Am-244(n,3n2p)Np-240g	TALYS-6a	0	[4,8]	16
Am-244(n,3n2p)Np-240m	TALYS-6a	0	[4,7,8,8]	15
Am-244(n,3npa)U-237	TALYS-6a	0	[8]	23
Am-244(n,n'pd)Np-241	TALYS-6a	0	[8]	23
Am-244(n,2n2p)Np-241	TALYS-6a	0	[8]	21
Am-244(n,4n2p)Np-239	TALYS-6a	0	[8]	13
Am-244(n,4n2a)Pa-233	TALYS-6a	0	[8]	22
Am-244(n,4npa)U-236	TALYS-6a	0	[8]	19
Cm-240(n,2nd)Am-237	TALYS-6a	0	[8,7,8]	27
Cm-240(n,2n)Cm-239	TALYS-5	0	[7,8]	48
Cm-240(n,3n)Cm-238	TALYS-5	0		34
Cm-240(n,f)	JENDL-3.3	0	[13,3]	7949
Cm-240(n,n'a)Pu-236	TALYS-6a	0		100
Cm-240(n,2na)Pu-235	TALYS-6a	0	[8,7,8]	48
Cm-240(n,3na)Pu-234	TALYS-6a	0	[8]	34
Cm-240(n,n'p)Am-239	TALYS-6a	0	[8]	52
Cm-240(n,2n2a)U-231	TALYS-6a	0		100
Cm-240(n,n'd)Am-238	TALYS-6a	0	[8]	36
Cm-240(n,n't)Am-237	TALYS-6a	0	[8,7,8]	34
Cm-240(n,n'h)Pu-237g	TALYS-6a	0		30
Cm-240(n,n'h)Pu-237m	TALYS-6a	0		30
Cm-240(n,2np)Am-238	TALYS-6a	0	[8]	33
Cm-240(n,3np)Am-237	TALYS-6a	0	[8,7,8]	26
Cm-240(n,n'2p)Pu-238	TALYS-6a	0	[8]	30
Cm-240(n,n'pa)Np-235	TALYS-6a	0		100
>Cm-240(n,g)Cm-241	JEFF-3.1	0	[14,13]	7860
Cm-240(n,p)Am-240	TALYS-6a	0	[2]	100
Cm-240(n,d)Am-239	TALYS-6a	0	[8]	58
Cm-240(n,t)Am-238	TALYS-6a	0	[8]	52
Cm-240(n,h)Pu-238	TALYS-6a	0	[8]	43
Cm-240(n,a)Pu-237g	TALYS-6a	0	[2]	100
Cm-240(n,a)Pu-237m	TALYS-6a	0	[2]	100
Cm-240(n,2a)U-233	TALYS-6a	0	[10]	100
Cm-240(n,2p)Pu-239	TALYS-6a	0	[8]	40
Cm-240(n,pa)Np-236g	TALYS-6a	0		100
Cm-240(n,pa)Np-236m	TALYS-6a	0		100
Cm-240(n,pd)Pu-238	TALYS-6a	0	[8]	31
Cm-240(n,da)Np-235	TALYS-6a	0		100
Cm-240(n,ta)Pu-234	TALYS-6a	0		100
Cm-240(n,n'da)Np-234	TALYS-6a	0	[8]	31
Cm-240(n,2npa)Np-234	TALYS-6a	0	[8]	30
Cm-240(n,2nh)Pu-236	TALYS-6a	0	[8]	25
Cm-240(n,3nh)Pu-235	TALYS-6a	0	[8,7,8]	17
Cm-240(n,4nh)Pu-234	TALYS-6a	0	[8]	14
Cm-240(n,3n2p)Pu-236	TALYS-6a	0	[8]	17
Cm-240(n,3n2a)U-230	TALYS-6a	0	[8]	29
Cm-240(n,3npa)Np-233	TALYS-6a	0	[8,7,8]	23
Cm-240(n,n'pd)Pu-237g	TALYS-6a	0		24
Cm-240(n,n'pd)Pu-237m	TALYS-6a	0		23
Cm-240(n,n'ta)Np-233	TALYS-6a	0	[8,7,8]	30
Cm-240(n,2n2p)Pu-237g	TALYS-6a	0		23
Cm-240(n,2n2p)Pu-237m	TALYS-6a	0		23
Cm-240(n,4n2p)Pu-235	TALYS-6a	0	[8,7,8]	13
Cm-240(n,4n2a)U-229	TALYS-6a	0	[8]	24
Cm-240(n,4npa)Np-232	TALYS-6a	0	[8,7,8]	16
Cm-241(n,2nd)Am-238	TALYS-5a	0	[8]	27
Cm-241(n,2n)Cm-240	TALYS-5	0		55
Cm-241(n,3n)Cm-239	TALYS-5	0	[7,8]	34
Cm-241(n,f)	JENDL-3.3		[13,3]	6852
Cm-241(n,n'a)Pu-237g	TALYS-6a	0	[4]	100
Cm-241(n,n'a)Pu-237m	TALYS-6a	0	[4]	100
+Cm-241(n,n'3a)Th-229g	TALYS-6a	0	[4]	100
+Cm-241(n,n'3a)Th-229m	TALYS-6a	0	[4,7]	100
Cm-241(n,2na)Pu-236	TALYS-6a	0		100
Cm-241(n,3na)Pu-235	TALYS-6a	0	[8,7,8]	34
Cm-241(n,n'p)Am-240	TALYS-6a	0	[8]	51
Cm-241(n,n'2a)U-233	TALYS-6a	0		100
Cm-241(n,2n2a)U-232	TALYS-6a	0		100
Cm-241(n,n'd)Am-239	TALYS-6a	0	[8]	38
Cm-241(n,n't)Am-238	TALYS-6a	0	[8]	35
Cm-241(n,n'h)Pu-238	TALYS-6a	0	[8]	31
Cm-241(n,4n)Cm-238	TALYS-6a	0		27
Cm-241(n,2np)Am-239	TALYS-6a	0	[8]	35
Cm-241(n,3np)Am-238	TALYS-6a	0	[8]	26
Cm-241(n,n'2p)Pu-239	TALYS-6a	0	[8]	29
Cm-241(n,n'pa)Np-236g	TALYS-6a	0		100
Cm-241(n,n'pa)Np-236m	TALYS-6a	0		100
>Cm-241(n,g)Cm-242	TALYS-6a	0	[14]	100
Cm-241(n,p)Am-241	TALYS-6a	0	[2]	100
Cm-241(n,d)Am-240	TALYS-6a	0	[8]	57
Cm-241(n,t)Am-239	TALYS-6a	0	[8]	56
Cm-241(n,h)Pu-239	TALYS-6a	0	[8]	41
Cm-241(n,a)Pu-238	TALYS-6a	0	[2]	100
Cm-241(n,2a)U-234	TALYS-6a	0	[10]	100
Cm-241(n,3a)Th-230	TALYS-6a	0	[10]	100
Cm-241(n,2p)Pu-240	TALYS-6a	0	[8]	40
Cm-241(n,pa)Np-237	TALYS-6a	0	[10]	100
Cm-241(n,pd)Pu-239	TALYS-6a	0	[8]	30
Cm-241(n,da)Np-236g	TALYS-6a	0		100
Cm-241(n,da)Np-236m	TALYS-6a	0		100
Cm-241(n,2nt)Am-237	TALYS-6a	0	[8,7,8]	26
Cm-241(n,ta)Np-235	TALYS-6a	0		100
Cm-241(n,4np)Am-237	TALYS-6a	0	[8,7,8]	19
Cm-241(n,3nd)Am-237	TALYS-6a	0	[8,7,8]	20
Cm-241(n,n'da)Np-235	TALYS-6a	0	[8]	32
Cm-241(n,2npa)Np-235	TALYS-6a	0	[8]	31
Cm-241(n,4na)Pu-234	TALYS-6a	0	[8]	26
Cm-241(n,2nh)Pu-237g	TALYS-6a	0		24
Cm-241(n,2nh)Pu-237m	TALYS-6a	0		24
Cm-241(n,3nh)Pu-236	TALYS-6a	0	[8]	18
Cm-241(n,3n2p)Pu-237g	TALYS-6a	0	[15]	16
Cm-241(n,3n2p)Pu-237m	TALYS-6a	0		16
Cm-241(n,3n2a)U-231	TALYS-6a	0	[8,7,8]	29
Cm-241(n,3npa)Np-234	TALYS-6a	0	[8]	23
Cm-241(n,n'pd)Pu-238	TALYS-6a	0	[8]	25
Cm-241(n,n'pt)Pu-237g	TALYS-6a	0		23
Cm-241(n,n'pt)Pu-237m	TALYS-6a	0		23
Cm-241(n,n'dt)Pu-236	TALYS-6a	0	[8]	17
Cm-241(n,n'dh)Np-236g	TALYS-6a	0		13
Cm-241(n,n'dh)Np-236m	TALYS-6a	0		13
Cm-241(n,n'ta)Np-234	TALYS-6a	0	[8]	29
Cm-241(n,2n2p)Pu-238	TALYS-6a	0	[8]	24
Cm-241(n,ha)U-235g	TALYS-6a	0		100
Cm-241(n,ha)U-235m	TALYS-6a	0		100
Cm-241(n,4n2a)U-230	TALYS-6a	0	[8]	21
Cm-241(n,4npa)Np-233	TALYS-6a	0	[8,7,8]	16
Cm-241(n,3n2pa)U-233	TALYS-6a	0	[8]	14
Cm-242(n,2nd)Am-239	TALYS-6a	0	[8]	28
>Cm-242(n,2n)Cm-241	TALYS-5	0	[8,4]	50
>Cm-242(n,3n)Cm-240	TALYS-5	0	[4]	35
Cm-242(n,f)	JENDL-3.2	4	[13,12]	3279
Cm-242(n,n'a)Pu-238	TALYS-6a	0		100
Cm-242(n,2na)Pu-237g	TALYS-6a	0		49
Cm-242(n,2na)Pu-237m	TALYS-6a	0		48
Cm-242(n,3na)Pu-236	TALYS-6a	0	[8]	35
Cm-242(n,n'p)Am-241	TALYS-6a	0	[8]	49
Cm-242(n,n'2a)U-234	TALYS-6a	0		100
Cm-242(n,2n2a)U-233	TALYS-6a	0		100
Cm-242(n,n'd)Am-240	TALYS-6a	0	[8]	36
Cm-242(n,n't)Am-239	TALYS-6a	0	[8]	36
Cm-242(n,n'h)Pu-239	TALYS-6a	0	[8]	30
Cm-242(n,4n)Cm-239	TALYS-6a	0		26
Cm-242(n,2np)Am-240	TALYS-6a	0	[8]	33
Cm-242(n,3np)Am-239	TALYS-6a	0	[8]	26
Cm-242(n,n'2p)Pu-240	TALYS-6a	0	[8]	28
Cm-242(n,n'pa)Np-237	TALYS-6a	0		100
Cm-242(n,g)Cm-243	JEF-2.2	4	[9,2,14]	3987
Cm-242(n,p)Am-242g	TALYS-6a	0	[2]	100
Cm-242(n,p)Am-242m	TALYS-6a	0	[2]	100
Cm-242(n,d)Am-241	TALYS-6a	0	[8]	55
Cm-242(n,t)Am-240	TALYS-6a	0	[8]	51
Cm-242(n,h)Pu-240	TALYS-6a	0	[8]	41
Cm-242(n,a)Pu-239	TALYS-6a	0	[2]	100
Cm-242(n,2a)U-235g	TALYS-6a	0	[10]	100
Cm-242(n,2a)U-235m	TALYS-6a	0	[10]	100
Cm-242(n,2p)Pu-241	TALYS-6a	0	[8]	36
Cm-242(n,pa)Np-238	TALYS-6a	0		100
Cm-242(n,pd)Pu-240	TALYS-6a	0	[8]	29
Cm-242(n,da)Np-237	TALYS-6a	0		100
Cm-242(n,5n)Cm-238	TALYS-6a	0		20
Cm-242(n,2nt)Am-238	TALYS-6a	0	[8]	26
Cm-242(n,ta)Np-236g	TALYS-6a	0		100
Cm-242(n,ta)Np-236m	TALYS-6a	0		100
Cm-242(n,4np)Am-238	TALYS-6a	0	[8]	18
Cm-242(n,3nd)Am-238	TALYS-6a	0	[8]	20
Cm-242(n,n'da)Np-236g	TALYS-6a	0		29
Cm-242(n,n'da)Np-236m	TALYS-6a	0		29
Cm-242(n,2npa)Np-236g	TALYS-6a	0		28
Cm-242(n,2npa)Np-236m	TALYS-6a	0		28
Cm-242(n,5np)Am-237	TALYS-6a	0	[8,7,8]	14
Cm-242(n,4na)Pu-235	TALYS-6a	0	[8,7,8]	26
Cm-242(n,5na)Pu-234	TALYS-6a	0	[8]	19
Cm-242(n,4nd)Am-237	TALYS-6a	0	[8,7,8]	15
Cm-242(n,3nt)Am-237	TALYS-6a	0	[8,7,8]	19
Cm-242(n,2nh)Pu-238	TALYS-6a	0	[8]	25
Cm-242(n,3nh)Pu-237g	TALYS-6a	0		17
Cm-242(n,3nh)Pu-237m	TALYS-6a	0		17
Cm-242(n,4nh)Pu-236	TALYS-6a	0	[8]	14
Cm-242(n,3n2p)Pu-238	TALYS-6a	0	[8]	16
Cm-242(n,3n2a)U-232	TALYS-6a	0	[8]	28
Cm-242(n,3npa)Np-235	TALYS-6a	0	[8]	23
Cm-242(n,n'pd)Pu-239	TALYS-6a	0	[8]	23
Cm-242(n,n'ta)Np-235	TALYS-6a	0	[8]	29
Cm-242(n,2n2p)Pu-239	TALYS-6a	0	[8]	22
Cm-242(n,4n2p)Pu-237g	TALYS-6a	0		13
Cm-242(n,4n2p)Pu-237m	TALYS-6a	0		13
Cm-242(n,4n2a)U-231	TALYS-6a	0	[8,7,8]	21
Cm-242(n,4npa)Np-234	TALYS-6a	0	[8]	16
Cm-243(n,2nd)Am-240	TALYS-6a	0	[8]	28
>Cm-243(n,2n)Cm-242	JENDL-3.3	0	[13,3]	172
>Cm-243(n,3n)Cm-241	TALYS-5	0	[4]	36
Cm-243(n,f)	JENDL-3.3	4	[13,12]	6825
Cm-243(n,n'a)Pu-239	TALYS-6a	0	[4]	100
Cm-243(n,n'3a)Th-231	TALYS-6a	0		100
Cm-243(n,2na)Pu-238	TALYS-6a	0		100
Cm-243(n,3na)Pu-237g	TALYS-6a	0		35
Cm-243(n,3na)Pu-237m	TALYS-6a	0		35
Cm-243(n,n'p)Am-242g	TALYS-6a	0		48
Cm-243(n,n'p)Am-242m	TALYS-6a	0		48
Cm-243(n,n'2a)U-235g	TALYS-6a	0		100
Cm-243(n,n'2a)U-235m	TALYS-6a	0		100
Cm-243(n,2n2a)U-234	TALYS-6a	0		100
Cm-243(n,n'd)Am-241	TALYS-6a	0	[8]	38
Cm-243(n,n't)Am-240	TALYS-6a	0	[8]	36
Cm-243(n,n'h)Pu-240	TALYS-6a	0	[8]	31
Cm-243(n,n'd2a)Pa-233	TALYS-6a	0		100
Cm-243(n,4n)Cm-240	TALYS-6a	0		28
Cm-243(n,2np)Am-241	TALYS-6a	0	[8]	35
Cm-243(n,3np)Am-240	TALYS-6a	0	[8]	27
Cm-243(n,n'2p)Pu-241	TALYS-6a	0	[8]	28
Cm-243(n,n'pa)Np-238	TALYS-6a	0		100
Cm-243(n,g)Cm-244	JENDL-3.3	4	[13,3]	6842
Cm-243(n,p)Am-243	TALYS-6a	0	[2]	100
Cm-243(n,d)Am-242g	TALYS-6a	0		53
Cm-243(n,d)Am-242m	TALYS-6a	0		53
Cm-243(n,t)Am-241	TALYS-6a	0	[8]	56
Cm-243(n,h)Pu-241	TALYS-6a	0	[8]	40
Cm-243(n,a)Pu-240	TALYS-6a	0	[2]	100

Reaction	Library	Flag / Refs	Value
Cm-243(n,2a)U-236	TALYS-6a	0 [10]	100
Cm-243(n,3a)Th-232	TALYS-6a	0 [10]	100
Cm-243(n,2p)Pu-242	TALYS-6a	0 [8]	36
Cm-243(n,pa)Np-239	TALYS-6a	0	100
Cm-243(n,t2a)Pa-233	TALYS-6a	0	100
Cm-243(n,pd)Pu-241	TALYS-6a	0 [8]	29
Cm-243(n,da)Np-238	TALYS-6a	0	100
Cm-243(n,5n)Cm-239	TALYS-6a	0	20
Cm-243(n,2nt)Am-239	TALYS-6a	0 [8]	28
Cm-243(n,ta)Np-237	TALYS-6a	0	100
Cm-243(n,4np)Am-239	TALYS-6a	0 [8]	20
Cm-243(n,3nd)Am-239	TALYS-6a	0 [8]	22
Cm-243(n,n'da)Np-237	TALYS-6a	0 [8]	31
Cm-243(n,2npa)Np-237	TALYS-6a	0 [8]	30
Cm-243(n,4na)Pu-236	TALYS-6a	0 [8]	27
Cm-243(n,5na)Pu-235	TALYS-6a	0 [8,7,8]	20
Cm-243(n,6na)Pu-234	TALYS-6a	0 [8]	15
Cm-243(n,3nt)Am-238	TALYS-6a	0 [8]	20
Cm-243(n,2nh)Pu-239	TALYS-6a	0 [8]	24
Cm-243(n,3nh)Pu-238	TALYS-6a	0 [8]	19
Cm-243(n,3n2p)Pu-239	TALYS-6a	0 [8]	16
Cm-243(n,3n2a)U-233	TALYS-6a	0 [8]	31
Cm-243(n,3npa)Np-236g	TALYS-6a	0	23
Cm-243(n,3npa)Np-236m	TALYS-6a	0	22
Cm-243(n,n'pd)Pu-240	TALYS-6a	0 [8]	24
Cm-243(n,n'pt)Pu-239	TALYS-6a	0 [8]	23
Cm-243(n,n'dt)Pu-238	TALYS-6a	0 [8]	18
Cm-243(n,n'ta)Np-236g	TALYS-6a	0	29
Cm-243(n,n'ta)Np-236m	TALYS-6a	0	29
Cm-243(n,2n2p)Pu-240	TALYS-6a	0 [8]	23
Cm-243(n,ha)U-237	TALYS-6a	0	100
Cm-243(n,4n2a)U-232	TALYS-6a	0 [8]	23
Cm-243(n,4npa)Np-235	TALYS-6a	0 [8]	18
Cm-243(n,3n2pa)U-235g	TALYS-6a	0	13
Cm-243(n,3n2pa)U-235m	TALYS-6a	0	13
Cm-244(n,2nd)Am-241	TALYS-6a	0 [8]	28
>Cm-244(n,2n)Cm-243	TALYS-5	0 [4]	51
>Cm-244(n,3n)Cm-242	TALYS-5	0 [4]	36
Cm-244(n,f)	JENDL-3.2	4 [13,4]	15753
Cm-244(n,n'a)Pu-240	TALYS-6a	0	100
Cm-244(n,2na)Pu-239	TALYS-6a	0 [8]	50
Cm-244(n,3na)Pu-238	TALYS-6a	0 [8]	36
Cm-244(n,n'p)Am-243	TALYS-6a	0 [8]	46
Cm-244(n,2n2a)U-235g	TALYS-6a	0	100
Cm-244(n,2n2a)U-235m	TALYS-6a	0	100
Cm-244(n,n'd)Am-242g	TALYS-6a	0	35
Cm-244(n,n'd)Am-242m	TALYS-6a	0	35
Cm-244(n,n't)Am-241	TALYS-6a	0 [8]	36
Cm-244(n,n'h)Pu-241	TALYS-6a	0 [8]	29
Cm-244(n,4n)Cm-241	TALYS-6a	0	27
Cm-244(n,2np)Am-242g	TALYS-6a	0	33
Cm-244(n,2np)Am-242m	TALYS-6a	0	33
Cm-244(n,3np)Am-241	TALYS-6a	0 [8]	26
Cm-244(n,n'2p)Pu-242	TALYS-6a	0 [8]	27
Cm-244(n,n'pa)Np-239	TALYS-6a	0 [8]	37
Cm-244(n,g)Cm-245	JENDL-3.2	4 [9,2,14]	15979
Cm-244(n,p)Am-244g	TALYS-6a	0 [2]	73
Cm-244(n,p)Am-244m	TALYS-6a	0 [2,7,8]	73
Cm-244(n,d)Am-243	TALYS-6a	0 [8]	52
Cm-244(n,t)Am-242g	TALYS-6a	0	49
Cm-244(n,t)Am-242m	TALYS-6a	0	49
Cm-244(n,h)Pu-242	TALYS-6a	0 [8]	39
Cm-244(n,a)Pu-241	TALYS-6a	0 [2]	100
Cm-244(n,2a)U-237	TALYS-6a	0 [10]	100
Cm-244(n,2p)Pu-243	TALYS-6a	0 [8]	32
Cm-244(n,pa)Np-240g	TALYS-6a	0 [4]	100
Cm-244(n,pa)Np-240m	TALYS-6a	0 [4,7]	100
Cm-244(n,pd)Pu-242	TALYS-6a	0 [8]	28
Cm-244(n,da)Np-239	TALYS-6a	0	100
Cm-244(n,5n)Cm-240	TALYS-6a	0	21
Cm-244(n,6n)Cm-239	TALYS-6a	0	15
Cm-244(n,2nt)Am-240	TALYS-6a	0 [8]	27
Cm-244(n,ta)Np-238	TALYS-6a	0	100
Cm-244(n,4np)Am-240	TALYS-6a	0 [8]	20
Cm-244(n,3nd)Am-240	TALYS-6a	0 [8]	21
Cm-244(n,n'da)Np-238	TALYS-6a	0 [8]	29
Cm-244(n,2npa)Np-238	TALYS-6a	0 [8]	28
Cm-244(n,7n)Cm-238	TALYS-6a	0	12
Cm-244(n,5np)Am-239	TALYS-6a	0 [8]	15
Cm-244(n,6np)Am-238	TALYS-6a	0 [8]	11
Cm-244(n,4na)Pu-237g	TALYS-6a	0	26
Cm-244(n,4na)Pu-237m	TALYS-6a	0	26
Cm-244(n,5na)Pu-236	TALYS-6a	0 [8]	20
Cm-244(n,6na)Pu-235	TALYS-6a	0 [8,7,8]	15
Cm-244(n,7na)Pu-234	TALYS-6a	0 [8]	11
Cm-244(n,4nd)Am-239	TALYS-6a	0 [8]	16
Cm-244(n,5nd)Am-238	TALYS-6a	0 [8]	12
Cm-244(n,3nt)Am-239	TALYS-6a	0 [8]	20
Cm-244(n,4nt)Am-238	TALYS-6a	0 [8]	15
Cm-244(n,5nt)Am-237	TALYS-6a	0 [8,7,8]	11
Cm-244(n,2nh)Pu-240	TALYS-6a	0 [8]	24
Cm-244(n,3nh)Pu-239	TALYS-6a	0 [8]	18
Cm-244(n,4nh)Pu-238	TALYS-6a	0 [8]	14
Cm-244(n,3n2p)Pu-240	TALYS-6a	0 [8]	16
Cm-244(n,3n2a)U-234	TALYS-6a	0 [8]	31
Cm-244(n,3npa)Np-237	TALYS-6a	0 [8]	23
Cm-244(n,n'pd)Pu-241	TALYS-6a	0 [8]	22
Cm-244(n,n'ta)Np-237	TALYS-6a	0 [8]	29
Cm-244(n,2n2p)Pu-241	TALYS-6a	0 [8]	21
Cm-244(n,4n2p)Pu-239	TALYS-6a	0 [8]	13
Cm-244(n,4n2a)U-233	TALYS-6a	0 [8]	25
Cm-244(n,4npa)Np-236g	TALYS-6a	0	16
Cm-244(n,4npa)Np-236m	TALYS-6a	0	16
Cm-244(n,5n2p)Pu-238	TALYS-6a	0 [8]	10
Cm-245(n,2nd)Am-242g	TALYS-6a	0	28
Cm-245(n,2nd)Am-242m	TALYS-6a	0	28
>Cm-245(n,2n)Cm-244	TALYS-5	0 [4]	58
>Cm-245(n,3n)Cm-243	TALYS-5	0 [4]	37
Cm-245(n,f)	JENDL-3.2	4 [13,12]	2758
Cm-245(n,n'a)Pu-241	TALYS-6a	0 [10]	100
Cm-245(n,2na)Pu-240	TALYS-6a	0 [10]	100
Cm-245(n,3na)Pu-239	TALYS-6a	0 [8]	36
Cm-245(n,n'p)Am-244g	TALYS-6a	0	45
Cm-245(n,n'p)Am-244m	TALYS-6a	0	45
Cm-245(n,n'2a)U-237	TALYS-6a	0 [10]	100
Cm-245(n,n'd)Am-243	TALYS-6a	0 [8]	37
Cm-245(n,n't)Am-242g	TALYS-6a	0	36
Cm-245(n,n't)Am-242m	TALYS-6a	0	36
Cm-245(n,n'h)Pu-242	TALYS-6a	0 [8]	30
Cm-245(n,4n)Cm-242	TALYS-6a	0	28
Cm-245(n,2np)Am-243	TALYS-6a	0 [8]	34
Cm-245(n,3np)Am-242g	TALYS-6a	0	26
Cm-245(n,3np)Am-242m	TALYS-6a	0	26
Cm-245(n,n'2p)Pu-243	TALYS-6a	0 [8]	26
Cm-245(n,n'pa)Np-240g	TALYS-6a	0 [4,8]	33
Cm-245(n,n'pa)Np-240m	TALYS-6a	0 [4,7,8,8]	32
Cm-245(n,g)Cm-246	JENDL-3.3	4 [13,3]	5048
Cm-245(n,p)Am-245	TALYS-6a	0 [2,8]	76
Cm-245(n,d)Am-244g	TALYS-6a	0	51
Cm-245(n,d)Am-244m	TALYS-6a	0	51
Cm-245(n,t)Am-243	TALYS-6a	0 [8]	53
Cm-245(n,h)Pu-243	TALYS-6a	0 [8]	38
Cm-245(n,a)Pu-242	TALYS-6a	0 [2]	100
Cm-245(n,2p)Pu-244	TALYS-6a	0 [8]	32
Cm-245(n,pa)Np-241	TALYS-6a	0 [10]	100
Cm-245(n,pd)Pu-243	TALYS-6a	0 [8]	27
Cm-245(n,da)Np-240g	TALYS-6a	0 [4]	100
Cm-245(n,da)Np-240m	TALYS-6a	0 [4,7]	100
Cm-245(n,5n)Cm-241	TALYS-6a	0	21
Cm-245(n,6n)Cm-240	TALYS-6a	0	16
Cm-245(n,2nt)Am-241	TALYS-6a	0 [8]	28
Cm-245(n,ta)Np-239	TALYS-6a	0 [10]	100
Cm-245(n,4np)Am-241	TALYS-6a	0 [8]	21
Cm-245(n,3nd)Am-241	TALYS-6a	0 [8]	22
Cm-245(n,n'da)Np-239	TALYS-6a	0 [8]	30
Cm-245(n,2npa)Np-239	TALYS-6a	0 [8]	29
Cm-245(n,7n)Cm-239	TALYS-6a	0	12
Cm-245(n,5np)Am-239	TALYS-6a	0 [8]	15
Cm-245(n,6np)Am-239	TALYS-6a	0 [8]	12
Cm-245(n,4na)Pu-238	TALYS-6a	0 [8]	28
Cm-245(n,5na)Pu-237g	TALYS-6a	0	21
Cm-245(n,5na)Pu-237m	TALYS-6a	0	20
Cm-245(n,6na)Pu-236	TALYS-6a	0	15
Cm-245(n,7na)Pu-235	TALYS-6a	0 [8,7,8]	12
Cm-245(n,4nd)Am-240	TALYS-6a	0 [8]	16
Cm-245(n,5nd)Am-239	TALYS-6a	0 [8]	13
Cm-245(n,6nd)Am-238	TALYS-6a	0 [8]	9
Cm-245(n,3nt)Am-240	TALYS-6a	0 [8]	21
Cm-245(n,4nt)Am-239	TALYS-6a	0 [8]	16
Cm-245(n,5nt)Am-238	TALYS-6a	0 [8]	12
Cm-245(n,2nh)Pu-241	TALYS-6a	0 [8]	24
Cm-245(n,3nh)Pu-240	TALYS-6a	0 [8]	19
Cm-245(n,4nh)Pu-239	TALYS-6a	0 [8]	14
Cm-245(n,3n2p)Pu-241	TALYS-6a	0 [8]	16
Cm-245(n,3n2a)U-235g	TALYS-6a	0	29
Cm-245(n,3n2a)U-235m	TALYS-6a	0	29
Cm-245(n,3npa)Np-238	TALYS-6a	0 [8]	22
Cm-245(n,n'pd)Pu-242	TALYS-6a	0 [8]	23
Cm-245(n,n'ta)Np-238	TALYS-6a	0 [8]	29
Cm-245(n,2n2p)Pu-242	TALYS-6a	0 [8]	22
Cm-245(n,4n2p)Pu-240	TALYS-6a	0 [8]	13
Cm-245(n,4n2a)U-234	TALYS-6a	0 [8]	25
Cm-245(n,4npa)Np-237	TALYS-6a	0 [8]	17
Cm-245(n,5n2p)Pu-239	TALYS-6a	0 [8]	10
Cm-246(n,2nd)Am-243	TALYS-6a	0 [8]	28
>Cm-246(n,2n)Cm-245	TALYS-5	0 [4]	53
>Cm-246(n,3n)Cm-244	TALYS-5	0 [4]	37
Cm-246(n,f)	JENDL-3.3	4 [13,12]	6766
Cm-246(n,n'a)Pu-242	TALYS-6a	0	100
Cm-246(n,2na)Pu-241	TALYS-6a	0 [8]	49
Cm-246(n,3na)Pu-240	TALYS-6a	0 [8]	36
Cm-246(n,n'p)Am-245	TALYS-6a	0 [8]	44
Cm-246(n,2n2a)U-237	TALYS-6a	0	100
Cm-246(n,n'd)Am-244g	TALYS-6a	0	35
Cm-246(n,n'd)Am-244m	TALYS-6a	0	34
Cm-246(n,n't)Am-243	TALYS-6a	0 [8]	36
Cm-246(n,n'h)Pu-243	TALYS-6a	0 [8]	28
Cm-246(n,4n)Cm-243	TALYS-6a	0	28
Cm-246(n,2np)Am-244g	TALYS-6a	0	32
Cm-246(n,2np)Am-244m	TALYS-6a	0	32
Cm-246(n,3np)Am-243	TALYS-6a	0 [8]	26
Cm-246(n,n'2p)Pu-244	TALYS-6a	0 [8]	25
Cm-246(n,n'pa)Np-241	TALYS-6a	0 [8]	33
Cm-246(n,g)Cm-247	JENDL-3.3	4 [13,3]	6783
Cm-246(n,p)Am-246g	TALYS-6a	0 [4,2,8]	67
Cm-246(n,p)Am-246m	TALYS-6a	0 [4,7,8,2,8]	66
Cm-246(n,d)Am-245	TALYS-6a	0 [8]	49
Cm-246(n,t)Am-244g	TALYS-6a	0	47
Cm-246(n,t)Am-244m	TALYS-6a	0	48
Cm-246(n,h)Pu-244	TALYS-6a	0 [8]	37
Cm-246(n,a)Pu-243	TALYS-6a	0 [2]	100
Cm-246(n,2a)U-239	TALYS-6a	0 [10]	100
Cm-246(n,2p)Pu-245	TALYS-6a	0 [8]	30
Cm-246(n,pa)Np-242g	TALYS-6a	0 [4]	100
Cm-246(n,pa)Np-242m	TALYS-6a	0 [4,7]	100
Cm-246(n,pd)Pu-244	TALYS-6a	0 [8]	26
Cm-246(n,da)Np-241	TALYS-6a	0	100
Cm-246(n,5n)Cm-242	TALYS-6a	0	22
Cm-246(n,6n)Cm-241	TALYS-6a	0	16
Cm-246(n,2nt)Am-242g	TALYS-6a	0	27
Cm-246(n,2nt)Am-242m	TALYS-6a	0	27
Cm-246(n,ta)Np-240g	TALYS-6a	0 [4]	100
Cm-246(n,ta)Np-240m	TALYS-6a	0 [4,7]	100
Cm-246(n,4np)Am-242g	TALYS-6a	0	20
Cm-246(n,4np)Am-242m	TALYS-6a	0	20
Cm-246(n,3nd)Am-242g	TALYS-6a	0	21

Reaction	Library		Refs	Value
Cm-246(n,3nd)Am-242m	TALYS-6a	0		21
Cm-246(n,n'da)Np-240g	TALYS-6a	0	[4,8]	29
Cm-246(n,n'da)Np-240m	TALYS-6a	0	[4,7,8,8]	28
Cm-246(n,2npa)Np-240g	TALYS-6a	0	[4,8]	27
Cm-246(n,2npa)Np-240m	TALYS-6a	0	[4,7,8,8]	26
Cm-246(n,7n)Cm-240	TALYS-6a	0		13
Cm-246(n,8n)Cm-239	TALYS-6a	0		9
Cm-246(n,5np)Am-241	TALYS-6a	0	[8]	15
Cm-246(n,6np)Am-240	TALYS-6a	0		12
Cm-246(n,7np)Am-239	TALYS-6a	0		9
Cm-246(n,4na)Pu-239	TALYS-6a	0	[8]	27
Cm-246(n,5na)Pu-238	TALYS-6a	0	[8]	21
Cm-246(n,6na)Pu-237g	TALYS-6a	0		15
Cm-246(n,6na)Pu-237m	TALYS-6a	0		15
Cm-246(n,7na)Pu-236	TALYS-6a	0	[8]	12
Cm-246(n,4nd)Am-241	TALYS-6a	0	[8]	16
Cm-246(n,5nd)Am-240	TALYS-6a	0	[8]	13
Cm-246(n,6nd)Am-239	TALYS-6a	0	[8]	9
Cm-246(n,3nt)Am-241	TALYS-6a	0	[8]	21
Cm-246(n,4nt)Am-240	TALYS-6a	0	[8]	15
Cm-246(n,5nt)Am-239	TALYS-6a	0	[8]	12
Cm-246(n,6nt)Am-238	TALYS-6a	0	[8]	8
Cm-246(n,2nh)Pu-242	TALYS-6a	0	[8]	24
Cm-246(n,3nh)Pu-241	TALYS-6a	0	[8]	18
Cm-246(n,4nh)Pu-240	TALYS-6a	0	[8]	14
Cm-246(n,3n2p)Pu-242	TALYS-6a	0	[8]	16
Cm-246(n,3npa)Np-239	TALYS-6a	0	[8]	22
Cm-246(n,n'pd)Pu-243	TALYS-6a	0	[8]	21
Cm-246(n,n'ta)Np-239	TALYS-6a	0	[8]	29
Cm-246(n,2n2p)Pu-243	TALYS-6a	0	[8]	20
Cm-246(n,4n2p)Pu-241	TALYS-6a	0	[8]	13
Cm-246(n,4n2a)U-235g	TALYS-6a	0		22
Cm-246(n,4n2a)U-235m	TALYS-6a	0		21
Cm-246(n,4npa)Np-238	TALYS-6a	0	[8]	16
Cm-246(n,5n2p)Pu-240	TALYS-6a	0	[8]	10
Cm-247(n,2nd)Am-244g	TALYS-6a	0		28
Cm-247(n,2nd)Am-244m	TALYS-6a	0		28
>Cm-247(n,2n)Cm-246	TALYS-5	0	[4]	60
>Cm-247(n,3n)Cm-245	TALYS-5	0	[4]	38
Cm-247(n,f)	JENDL-3.2	4	[13,4]	3693
Cm-247(n,n'a)Pu-243	TALYS-6a	0		100
Cm-247(n,2na)Pu-242	TALYS-6a	0		100
Cm-247(n,3na)Pu-241	TALYS-6a	0	[8]	36
Cm-247(n,n'p)Am-246g	TALYS-6a	0	[4,8]	44
Cm-247(n,n'p)Am-246m	TALYS-6a	0	[4,7,8,8]	43
Cm-247(n,n'2a)U-239	TALYS-6a	0		100
Cm-247(n,n'd)Am-245	TALYS-6a	0	[8]	36
Cm-247(n,n't)Am-244g	TALYS-6a	0		36
Cm-247(n,n't)Am-244m	TALYS-6a	0		36
Cm-247(n,n'h)Pu-244	TALYS-6a	0	[8]	29
Cm-247(n,4n)Cm-244	TALYS-6a	0		29
Cm-247(n,2np)Am-245	TALYS-6a	0	[8]	34
Cm-247(n,3np)Am-244g	TALYS-6a	0		26
Cm-247(n,3np)Am-244m	TALYS-6a	0		26
Cm-247(n,n'2p)Pu-245	TALYS-6a	0	[8]	25
Cm-247(n,n'pa)Np-242g	TALYS-6a	0	[4,8]	40
Cm-247(n,n'pa)Np-242m	TALYS-6a	0	[4,7,8,8]	39
Cm-247(n,g)Cm-248	JENDL-3.3	4	[13,3]	5914
Cm-247(n,p)Am-247	TALYS-6a	0	[2,8,7,8]	71
Cm-247(n,d)Am-246g	TALYS-6a	0	[4,8]	46
Cm-247(n,d)Am-246m	TALYS-6a	0	[4,7,8,8]	45
Cm-247(n,t)Am-245	TALYS-6a	0	[8]	52
Cm-247(n,h)Pu-245	TALYS-6a	0	[8]	36
Cm-247(n,a)Pu-244	TALYS-6a	0	[2]	100
Cm-247(n,2p)Pu-246	TALYS-6a	0	[8]	30
Cm-247(n,pa)Np-243	TALYS-6a	0		100
Cm-247(n,pd)Pu-245	TALYS-6a	0	[8]	26
Cm-247(n,da)Np-242g	TALYS-6a	0	[4]	100
Cm-247(n,da)Np-242m	TALYS-6a	0	[4,7]	100
Cm-247(n,5n)Cm-243	TALYS-6a	0		22
Cm-247(n,6n)Cm-242	TALYS-6a	0		17
Cm-247(n,2nt)Am-243	TALYS-6a	0	[8]	28
Cm-247(n,ta)Np-241	TALYS-6a	0		100
Cm-247(n,4np)Am-243	TALYS-6a	0	[8]	21
Cm-247(n,3nd)Am-243	TALYS-6a	0	[8]	22
Cm-247(n,n'da)Np-241	TALYS-6a	0	[8]	29
Cm-247(n,2npa)Np-241	TALYS-6a	0	[8]	28
Cm-247(n,7n)Cm-241	TALYS-6a	0		13
Cm-247(n,8n)Cm-240	TALYS-6a	0		10
Cm-247(n,5np)Am-242g	TALYS-6a	0		15
Cm-247(n,5np)Am-242m	TALYS-6a	0		15
Cm-247(n,6np)Am-241	TALYS-6a	0	[8]	12
Cm-247(n,7np)Am-240	TALYS-6a	0	[8]	9
Cm-247(n,4na)Pu-240	TALYS-6a	0	[8]	29
Cm-247(n,5na)Pu-239	TALYS-6a	0	[8]	22
Cm-247(n,6na)Pu-238	TALYS-6a	0	[8]	16
Cm-247(n,7na)Pu-237g	TALYS-6a	0		12
Cm-247(n,7na)Pu-237m	TALYS-6a	0		12
Cm-247(n,4nd)Am-242g	TALYS-6a	0		16
Cm-247(n,4nd)Am-242m	TALYS-6a	0		16
Cm-247(n,5nd)Am-241	TALYS-6a	0	[8]	13
Cm-247(n,6nd)Am-240	TALYS-6a	0	[8]	10
Cm-247(n,3nt)Am-242g	TALYS-6a	0		21
Cm-247(n,3nt)Am-242m	TALYS-6a	0		21
Cm-247(n,4nt)Am-241	TALYS-6a	0	[8]	16
Cm-247(n,5nt)Am-240	TALYS-6a	0	[8]	13
Cm-247(n,6nt)Am-239	TALYS-6a	0	[8]	9
Cm-247(n,2nh)Pu-243	TALYS-6a	0	[8]	23
Cm-247(n,3nh)Pu-242	TALYS-6a	0	[8]	19
Cm-247(n,4nh)Pu-241	TALYS-6a	0	[8]	14
Cm-247(n,3n2p)Pu-243	TALYS-6a	0	[8]	16
Cm-247(n,3n2a)U-237	TALYS-6a	0	[8]	28
Cm-247(n,3npa)Np-240g	TALYS-6a	0	[4,8]	22
Cm-247(n,3npa)Np-240m	TALYS-6a	0	[4,7,8,8]	21
Cm-247(n,n'pd)Pu-244	TALYS-6a	0	[8]	22
Cm-247(n,n'ta)Np-240g	TALYS-6a	0	[4,8]	26
Cm-247(n,n'ta)Np-240m	TALYS-6a	0	[4,7,8,8]	25
Cm-247(n,2n2p)Pu-244	TALYS-6a	0	[8]	21
Cm-247(n,4n2p)Pu-242	TALYS-6a	0	[8]	13
Cm-247(n,4n2a)U-236	TALYS-6a	0	[8]	25
Cm-247(n,4npa)Np-239	TALYS-6a	0	[8]	16
Cm-247(n,5n2p)Pu-241	TALYS-6a	0	[8]	10
Cm-248(n,2nd)Am-245	TALYS-6a	0	[8]	28
>Cm-248(n,2n)Cm-247	TALYS-5	0	[4]	54
>Cm-248(n,3n)Cm-246	TALYS-5	0	[4]	39
Cm-248(n,f)	JENDL-3.3	4	[13,3]	10541
Cm-248(n,n'a)Pu-244	TALYS-6a	0		100
Cm-248(n,2na)Pu-243	TALYS-6a	0	[8]	49
Cm-248(n,3na)Pu-242	TALYS-6a	0	[8]	37
Cm-248(n,n'p)Am-247	TALYS-6a	0	[8,7,8]	43
Cm-248(n,2n2a)U-239	TALYS-6a	0		100
Cm-248(n,n'd)Am-246g	TALYS-6a	0	[4,8]	34
Cm-248(n,n'd)Am-246m	TALYS-6a	0	[4,7,8,8]	33
Cm-248(n,n't)Am-245	TALYS-6a	0	[8]	36
Cm-248(n,n'h)Pu-245	TALYS-6a	0	[8]	28
Cm-248(n,4n)Cm-245	TALYS-6a	0		29
Cm-248(n,2np)Am-246g	TALYS-6a	0	[4,8]	31
Cm-248(n,2np)Am-246m	TALYS-6a	0	[4,7,8,8]	30
Cm-248(n,3np)Am-245	TALYS-6a	0	[8]	26
Cm-248(n,n'2p)Pu-246	TALYS-6a	0	[8]	24
Cm-248(n,n'pa)Np-243	TALYS-6a	0	[8,7,8]	32
Cm-248(n,g)Cm-249	JENDL-3.3	4	[13,3]	10541
Cm-248(n,p)Am-248	TALYS-6a	0	[2,8,7,8]	63
Cm-248(n,d)Am-247	TALYS-6a	0	[8,7,8]	45
Cm-248(n,t)Am-246g	TALYS-6a	0	[4,8]	47
Cm-248(n,t)Am-246m	TALYS-6a	0	[4,7,8,8]	46
Cm-248(n,h)Pu-246	TALYS-6a	0	[8]	36
Cm-248(n,a)Pu-245	TALYS-6a	0	[2]	100
Cm-248(n,2p)Pu-247	TALYS-6a	0	[8,7,8]	26
Cm-248(n,da)Np-243	TALYS-6a	0		100
Cm-248(n,5n)Cm-244	TALYS-6a	0		23
Cm-248(n,6n)Cm-243	TALYS-6a	0		16
Cm-248(n,2nt)Am-244g	TALYS-6a	0		27
Cm-248(n,2nt)Am-244m	TALYS-6a	0		27
Cm-248(n,ta)Np-242g	TALYS-6a	0	[4]	100
Cm-248(n,ta)Np-242m	TALYS-6a	0	[4,7]	100
Cm-248(n,4np)Am-244g	TALYS-6a	0		20
Cm-248(n,4np)Am-244m	TALYS-6a	0		20
Cm-248(n,3nd)Am-244g	TALYS-6a	0		22
Cm-248(n,3nd)Am-244m	TALYS-6a	0		21
Cm-248(n,n'da)Np-242g	TALYS-6a	0	[4,8]	31
Cm-248(n,n'da)Np-242m	TALYS-6a	0	[4,7,8,8]	30
Cm-248(n,2npa)Np-242g	TALYS-6a	0	[4,8]	29
Cm-248(n,2npa)Np-242m	TALYS-6a	0	[4,7,8,8]	28
Cm-248(n,7n)Cm-242	TALYS-6a	0		14
Cm-248(n,8n)Cm-241	TALYS-6a	0		10
Cm-248(n,5np)Am-243	TALYS-6a	0	[8]	16
Cm-248(n,6np)Am-242g	TALYS-6a	0		12
Cm-248(n,6np)Am-242m	TALYS-6a	0		12
Cm-248(n,7np)Am-241	TALYS-6a	0	[8]	9
Cm-248(n,4na)Pu-241	TALYS-6a	0	[8]	28
Cm-248(n,5na)Pu-240	TALYS-6a	0	[8]	22
Cm-248(n,6na)Pu-239	TALYS-6a	0	[8]	16
Cm-248(n,7na)Pu-238	TALYS-6a	0	[8]	13
Cm-248(n,4nd)Am-243	TALYS-6a	0	[8]	16
Cm-248(n,5nd)Am-242g	TALYS-6a	0		13
Cm-248(n,5nd)Am-242m	TALYS-6a	0		13
Cm-248(n,6nd)Am-241	TALYS-6a	0	[8]	10
Cm-248(n,3nt)Am-243	TALYS-6a	0	[8]	22
Cm-248(n,4nt)Am-242g	TALYS-6a	0		16
Cm-248(n,4nt)Am-242m	TALYS-6a	0		16
Cm-248(n,5nt)Am-241	TALYS-6a	0	[8]	13
Cm-248(n,6nt)Am-240	TALYS-6a	0	[8]	9
Cm-248(n,2nh)Pu-244	TALYS-6a	0	[8]	23
Cm-248(n,3nh)Pu-243	TALYS-6a	0	[8]	17
Cm-248(n,4nh)Pu-242	TALYS-6a	0	[8]	14
Cm-248(n,3n2p)Pu-244	TALYS-6a	0	[8]	16
Cm-248(n,3npa)Np-241	TALYS-6a	0	[8]	22
Cm-248(n,n'pd)Pu-245	TALYS-6a	0	[8]	21
Cm-248(n,n'ta)Np-241	TALYS-6a	0	[8]	26
Cm-248(n,2n2p)Pu-245	TALYS-6a	0	[8]	19
Cm-248(n,4n2p)Pu-243	TALYS-6a	0	[8]	13
Cm-248(n,4n2a)U-237	TALYS-6a	0	[8]	21
Cm-248(n,4npa)Np-240g	TALYS-6a	0	[4,8]	16
Cm-248(n,4npa)Np-240m	TALYS-6a	0	[4,7,8,8]	15
Cm-248(n,5n2p)Pu-242	TALYS-6a	0	[8]	10
Cm-249(n,2nd)Am-246g	TALYS-6a	0	[4,8]	28
Cm-249(n,2nd)Am-246m	TALYS-6a	0	[4,7,8,8]	27
Cm-249(n,2n)Cm-248	TALYS-5	0		62
Cm-249(n,3n)Cm-247	TALYS-5	0		40
Cm-249(n,f)	JENDL-3.3	0	[13,3]	3706
Cm-249(n,n'a)Pu-245	TALYS-6a	0	[10]	100
Cm-249(n,2na)Pu-244	TALYS-6a	0	[10]	100
Cm-249(n,3na)Pu-243	TALYS-6a	0	[8]	37
Cm-249(n,n'p)Am-248	TALYS-6a	0	[8,7,8]	43
Cm-249(n,n'd)Am-247	TALYS-6a	0	[8,7,8]	36
Cm-249(n,n't)Am-246g	TALYS-6a	0	[4,8]	36
Cm-249(n,n't)Am-246m	TALYS-6a	0	[4,7,8,8]	35
Cm-249(n,n'h)Pu-246	TALYS-6a	0	[8]	29
Cm-249(n,4n)Cm-246	TALYS-6a	0		30
Cm-249(n,2np)Am-247	TALYS-6a	0	[8,7,8]	34
Cm-249(n,3np)Am-246g	TALYS-6a	0	[4,8]	27
Cm-249(n,3np)Am-246m	TALYS-6a	0	[4,7,8,8]	26
Cm-249(n,n'2p)Pu-247	TALYS-6a	0	[8,7,8]	24
Cm-249(n,g)Cm-250	JENDL-3.3	2	[14,13,3]	3706
Cm-249(n,p)Am-249	TALYS-6a	0	[2,8,7,8]	65
Cm-249(n,d)Am-248	TALYS-6a	0	[8,7,8]	44
Cm-249(n,t)Am-247	TALYS-6a	0	[8,7,8]	48
Cm-249(n,h)Pu-247	TALYS-6a	0	[8,7,8]	31
Cm-249(n,a)Pu-246	TALYS-6a	0	[2]	100
Cm-249(n,pa)Np-245	TALYS-6a	0	[7,10]	100
Cm-249(n,5n)Cm-245	TALYS-6a	0		24
Cm-249(n,6n)Cm-244	TALYS-6a	0		18
Cm-249(n,2nt)Am-245	TALYS-6a	0	[8]	29
Cm-249(n,ta)Np-243	TALYS-6a	0	[10]	100
Cm-249(n,4np)Am-245	TALYS-6a	0	[8]	21

Cm-249(n,3nd)Am-245	TALYS-6a	0 [8]	23
Cm-249(n,n'da)Np-243	TALYS-6a	0 [8,7,8]	28
Cm-249(n,2npa)Np-243	TALYS-6a	0 [8,7,8]	27
Cm-249(n,7n)Cm-243	TALYS-6a	0	14
Cm-249(n,8n)Cm-242	TALYS-6a	0	11
Cm-249(n,5np)Am-244g	TALYS-6a	0	16
Cm-249(n,5np)Am-244m	TALYS-6a	0	16
Cm-249(n,6np)Am-243	TALYS-6a	0 [8]	13
Cm-249(n,7np)Am-242g	TALYS-6a	0	10
Cm-249(n,7np)Am-242m	TALYS-6a	0	10
Cm-249(n,4na)Pu-242	TALYS-6a	0 [8]	29
Cm-249(n,5na)Pu-241	TALYS-6a	0 [8]	23
Cm-249(n,6na)Pu-240	TALYS-6a	0 [8]	17
Cm-249(n,7na)Pu-239	TALYS-6a	0 [8]	13
Cm-249(n,4nd)Am-244g	TALYS-6a	0	17
Cm-249(n,4nd)Am-244m	TALYS-6a	0	16
Cm-249(n,5nd)Am-243	TALYS-6a	0 [8]	14
Cm-249(n,6nd)Am-242g	TALYS-6a	0	10
Cm-249(n,6nd)Am-242m	TALYS-6a	0	10
Cm-249(n,3nt)Am-244g	TALYS-6a	0	22
Cm-249(n,3nt)Am-244m	TALYS-6a	0	22
Cm-249(n,4nt)Am-243	TALYS-6a	0 [8]	16
Cm-249(n,5nt)Am-242g	TALYS-6a	0	13
Cm-249(n,5nt)Am-242m	TALYS-6a	0	13
Cm-249(n,6nt)Am-241	TALYS-6a	0 [8]	10
Cm-249(n,2nh)Pu-245	TALYS-6a	0 [8]	23
Cm-249(n,3nh)Pu-244	TALYS-6a	0 [8]	19
Cm-249(n,4nh)Pu-243	TALYS-6a	0 [8]	14
Cm-249(n,3n2p)Pu-245	TALYS-6a	0 [8]	16
Cm-249(n,3n2a)U-239	TALYS-6a	0 [8]	27
Cm-249(n,3npa)Np-242g	TALYS-6a	0 [4,8]	24
Cm-249(n,3npa)Np-242m	TALYS-6a	0 [4,7,8,8]	23
Cm-249(n,n'pd)Pu-246	TALYS-6a	0 [8]	21
Cm-249(n,n'ta)Np-242g	TALYS-6a	0 [4,8]	32
Cm-249(n,n'ta)Np-242m	TALYS-6a	0 [4,7,8,8]	31
Cm-249(n,2n2p)Pu-246	TALYS-6a	0 [8]	20
Cm-249(n,4n2p)Pu-244	TALYS-6a	0 [8]	13
Cm-249(n,4npa)Np-241	TALYS-6a	0 [8]	17
Cm-249(n,5n2p)Pu-243	TALYS-6a	0 [8]	10
Cm-250(n,2nd)Am-247	TALYS-6a	0 [8,7,8]	28
Cm-250(n,2n)Cm-249	TALYS-5	0	56
Cm-250(n,3n)Cm-248	TALYS-5	0	40
Cm-250(n,f)	JENDL-3.3	0 [13,3]	1442
Cm-250(n,n'a)Pu-246	TALYS-6a	0 [10]	100
Cm-250(n,2na)Pu-245	TALYS-6a	0 [8]	49
Cm-250(n,3na)Pu-244	TALYS-6a	0 [8]	37
Cm-250(n,n'p)Am-249	TALYS-6a	0 [8,7,8]	43
Cm-250(n,n'2a)U-242	TALYS-6a	0 [10]	100
Cm-250(n,n'd)Am-248	TALYS-6a	0 [8,7,8]	34
Cm-250(n,n't)Am-247	TALYS-6a	0 [8,7,8]	35
Cm-250(n,n'h)Pu-247	TALYS-6a	0 [8,7,8]	28
Cm-250(n,4n)Cm-247	TALYS-6a	0	30
Cm-250(n,2np)Am-248	TALYS-6a	0 [8,7,8]	32
Cm-250(n,3np)Am-247	TALYS-6a	0 [8,7,8]	27
Cm-250(n,n'pa)Np-245	TALYS-6a	0 [8,7,8]	31
Cm-250(n,g)Cm-251	JENDL-3.1	4 [14,13,12]	506
Cm-250(n,p)Am-250	TALYS-6a	0 [2,8,7,8]	56
Cm-250(n,d)Am-249	TALYS-6a	0 [8,7,8]	44
Cm-250(n,t)Am-248	TALYS-6a	0 [8,7,8]	43
Cm-250(n,a)Pu-247	TALYS-6a	0 [7,2]	100
Cm-250(n,5n)Cm-246	TALYS-6a	0	24
Cm-250(n,6n)Cm-245	TALYS-6a	0	18
Cm-250(n,2nt)Am-246g	TALYS-6a	0 [4,8]	28
Cm-250(n,2nt)Am-246m	TALYS-6a	0 [4,7,8,8]	27
Cm-250(n,4np)Am-246g	TALYS-6a	0 [4,8]	21
Cm-250(n,4np)Am-246m	TALYS-6a	0 [4,7,8,8]	20
Cm-250(n,3nd)Am-246g	TALYS-6a	0 [4,8]	22
Cm-250(n,3nd)Am-246m	TALYS-6a	0 [4,7,8,8]	21
Cm-250(n,7n)Cm-244	TALYS-6a	0	14
Cm-250(n,8n)Cm-243	TALYS-6a	0	11
Cm-250(n,5np)Am-245	TALYS-6a	0 [8]	16
Cm-250(n,6np)Am-244g	TALYS-6a	0	13
Cm-250(n,6np)Am-244m	TALYS-6a	0	13
Cm-250(n,7np)Am-243	TALYS-6a	0 [8]	10
Cm-250(n,4na)Pu-243	TALYS-6a	0 [8]	28
Cm-250(n,5na)Pu-242	TALYS-6a	0 [8]	23
Cm-250(n,6na)Pu-241	TALYS-6a	0 [8]	16
Cm-250(n,7na)Pu-240	TALYS-6a	0 [8]	14
Cm-250(n,4nd)Am-245	TALYS-6a	0 [8]	17
Cm-250(n,5nd)Am-244g	TALYS-6a	0	14
Cm-250(n,5nd)Am-244m	TALYS-6a	0	13
Cm-250(n,6nd)Am-243	TALYS-6a	0 [8]	11
Cm-250(n,3nt)Am-245	TALYS-6a	0 [8]	22
Cm-250(n,4nt)Am-244g	TALYS-6a	0	16
Cm-250(n,4nt)Am-244m	TALYS-6a	0	16
Cm-250(n,5nt)Am-243	TALYS-6a	0 [8]	13
Cm-250(n,6nt)Am-242g	TALYS-6a	0	10
Cm-250(n,6nt)Am-242m	TALYS-6a	0	10
Cm-250(n,2nh)Pu-246	TALYS-6a	0 [8]	23
Cm-250(n,3nh)Pu-245	TALYS-6a	0 [8]	18
Cm-250(n,4nh)Pu-244	TALYS-6a	0 [8]	15
Cm-250(n,3n2p)Pu-246	TALYS-6a	0 [8]	16
Cm-250(n,3npa)Np-243	TALYS-6a	0 [8,7,8]	21
Cm-250(n,n'pd)Pu-247	TALYS-6a	0 [8,7,8]	20
Cm-250(n,n'ta)Np-243	TALYS-6a	0 [8,7,8]	28
Cm-250(n,2n2p)Pu-247	TALYS-6a	0 [8,7,8]	19
Cm-250(n,4n2p)Pu-245	TALYS-6a	0 [8]	13
Cm-250(n,4n2a)U-239	TALYS-6a	0 [8]	18
Cm-250(n,4npa)Np-242g	TALYS-6a	0 [4,8]	18
Cm-250(n,4npa)Np-242m	TALYS-6a	0 [4,7,8,8]	17
Cm-250(n,5n2p)Pu-244	TALYS-6a	0 [8]	10
Bk-245(n,2nd)Cm-242	TALYS-6a	0 [8]	29
Bk-245(n,2n)Bk-244	TALYS-5	0	51
Bk-245(n,3n)Bk-243	TALYS-5	0	35
>Bk-245(n,f)	JAERI(MDF)	0 [13,4,7,3]	69
Bk-245(n,n'a)Am-241	TALYS-6a	0	100
Bk-245(n,2na)Am-240	TALYS-6a	0 [8]	51
Bk-245(n,3na)Am-239	TALYS-6a	0 [8]	35
Bk-245(n,n'p)Cm-244	TALYS-6a	0 [8]	56

Bk-245(n,n'2a)Np-237	TALYS-6a	0	100
Bk-245(n,2n2a)Np-236g	TALYS-6a	0	100
Bk-245(n,2n2a)Np-236m	TALYS-6a	0	100
Bk-245(n,n'd)Cm-243	TALYS-6a	0 [8]	38
Bk-245(n,n't)Cm-242	TALYS-6a	0 [8]	39
Bk-245(n,n'h)Am-242g	TALYS-6a	0	30
Bk-245(n,n'h)Am-242m	TALYS-6a	0	30
Bk-245(n,n'd2a)U-235g	TALYS-6a	0	100
Bk-245(n,n'd2a)U-235m	TALYS-6a	0	100
Bk-245(n,n't2a)U-234	TALYS-6a	0	100
Bk-245(n,2np)Cm-243	TALYS-6a	0 [8]	36
Bk-245(n,3np)Cm-242	TALYS-6a	0 [8]	28
Bk-245(n,n'2p)Am-243	TALYS-6a	0 [8]	28
Bk-245(n,n'pa)Pu-240	TALYS-6a	0	100
Bk-245(n,g)Bk-246	NGAMMA	0 [14,7,13,15]	75
Bk-245(n,p)Cm-245	TALYS-6a	0 [2]	100
Bk-245(n,d)Cm-244	TALYS-6a	0 [8]	63
Bk-245(n,t)Cm-243	TALYS-6a	0 [8]	57
Bk-245(n,h)Am-243	TALYS-6a	0 [8]	41
Bk-245(n,a)Am-242g	TALYS-6a	0 [2]	100
Bk-245(n,a)Am-242m	TALYS-6a	0 [2]	100
Bk-245(n,2a)Np-238	TALYS-6a	0 [10]	100
Bk-245(n,2p)Am-244g	TALYS-6a	0	34
Bk-245(n,2p)Am-244m	TALYS-6a	0	33
Bk-245(n,pa)Pu-241	TALYS-6a	0	100
Bk-245(n,pd)Am-243	TALYS-6a	0 [8]	29
Bk-245(n,da)Pu-240	TALYS-6a	0	100
Bk-245(n,2nt)Cm-241	TALYS-6a	0 [8]	28
Bk-245(n,ta)Pu-239	TALYS-6a	0	100
Bk-245(n,4np)Cm-241	TALYS-6a	0 [8]	20
Bk-245(n,3nd)Cm-241	TALYS-6a	0 [8]	22
Bk-245(n,n'da)Pu-239	TALYS-6a	0 [8]	33
Bk-245(n,2npa)Pu-239	TALYS-6a	0 [8]	32
Bk-245(n,5np)Cm-240	TALYS-6a	0 [8]	15
Bk-245(n,4na)Am-238	TALYS-6a	0 [8]	26
Bk-245(n,5na)Am-237	TALYS-6a	0 [8,7,8]	19
Bk-245(n,4nd)Cm-240	TALYS-6a	0 [8]	16
Bk-245(n,5nd)Cm-239	TALYS-6a	0 [8,7,8]	12
Bk-245(n,3nt)Cm-240	TALYS-6a	0 [8]	21
Bk-245(n,4nt)Cm-239	TALYS-6a	0 [8,7,8]	14
Bk-245(n,2nh)Am-241	TALYS-6a	0 [8]	25
Bk-245(n,3nh)Am-240	TALYS-6a	0 [8]	18
Bk-245(n,4nh)Am-239	TALYS-6a	0 [8]	14
Bk-245(n,3n2p)Am-241	TALYS-6a	0 [8]	16
Bk-245(n,3n2a)Np-235	TALYS-6a	0 [8]	31
Bk-245(n,3npa)Pu-238	TALYS-6a	0 [8]	25
Bk-245(n,n'pd)Am-242g	TALYS-6a	0	23
Bk-245(n,n'pd)Am-242m	TALYS-6a	0	23
Bk-245(n,n'ta)Pu-238	TALYS-6a	0 [8]	32
Bk-245(n,2n2p)Am-242g	TALYS-6a	0	22
Bk-245(n,2n2p)Am-242m	TALYS-6a	0	21
Bk-245(n,ha)Np-239	TALYS-6a	0	100
Bk-245(n,4n2p)Am-240	TALYS-6a	0 [8]	13
Bk-245(n,4n2a)Np-234	TALYS-6a	0 [8]	19
Bk-245(n,4npa)Pu-237g	TALYS-6a	0	18
Bk-245(n,4npa)Pu-237m	TALYS-6a	0	18
Bk-245(n,3n2pa)Np-237	TALYS-6a	0 [8]	13
Bk-246(n,2nd)Cm-243	TALYS-6a	0 [8]	29
Bk-246(n,2n)Bk-245	TALYS-5	0	56
Bk-246(n,3n)Bk-244	TALYS-5	0	36
>Bk-246(n,f)	JAERI(MDF)	0 [13,4,7,3]	69
Bk-246(n,n'a)Am-242g	TALYS-6a	0	100
Bk-246(n,n'a)Am-242m	TALYS-6a	0	100
Bk-246(n,2na)Am-241	TALYS-6a	0	100
Bk-246(n,3na)Am-240	TALYS-6a	0 [8]	35
Bk-246(n,n'p)Cm-245	TALYS-6a	0 [8]	53
Bk-246(n,n'2a)Np-238	TALYS-6a	0	100
Bk-246(n,2n2a)Np-237	TALYS-6a	0	100
Bk-246(n,n'd)Cm-244	TALYS-6a	0 [8]	40
Bk-246(n,n't)Cm-243	TALYS-6a	0 [8]	38
Bk-246(n,n'h)Am-243	TALYS-6a	0 [8]	30
Bk-246(n,4n)Bk-243	TALYS-6a	0	27
Bk-246(n,2np)Cm-244	TALYS-6a	0 [8]	37
Bk-246(n,3np)Cm-243	TALYS-6a	0 [8]	27
Bk-246(n,n'2p)Am-244g	TALYS-6a	0	27
Bk-246(n,n'2p)Am-244m	TALYS-6a	0	27
Bk-246(n,n'pa)Pu-241	TALYS-6a	0	100
Bk-246(n,g)Bk-247	NGAMMA	0 [14,7,13]	75
Bk-246(n,p)Cm-246	TALYS-6a	0 [2]	100
Bk-246(n,d)Cm-245	TALYS-6a	0 [8]	61
Bk-246(n,t)Cm-244	TALYS-6a	0 [8]	61
Bk-246(n,h)Am-244g	TALYS-6a	0	40
Bk-246(n,h)Am-244m	TALYS-6a	0	40
Bk-246(n,a)Am-243	TALYS-6a	0 [2]	100
Bk-246(n,2a)Np-239	TALYS-6a	0 [10]	100
Bk-246(n,2p)Am-245	TALYS-6a	0 [8]	33
Bk-246(n,pa)Pu-242	TALYS-6a	0	100
Bk-246(n,pd)Am-244g	TALYS-6a	0	28
Bk-246(n,pd)Am-244m	TALYS-6a	0	28
Bk-246(n,da)Pu-241	TALYS-6a	0	100
Bk-246(n,2nt)Cm-242	TALYS-6a	0 [8]	29
Bk-246(n,4np)Cm-242	TALYS-6a	0 [8]	22
Bk-246(n,3nd)Cm-242	TALYS-6a	0 [8]	23
Bk-246(n,2npa)Pu-240	TALYS-6a	0 [8]	32
Bk-246(n,5np)Cm-241	TALYS-6a	0 [8]	15
Bk-246(n,6np)Cm-240	TALYS-6a	0 [8]	12
Bk-246(n,4na)Am-239	TALYS-6a	0 [8]	27
Bk-246(n,5na)Am-238	TALYS-6a	0 [8]	19
Bk-246(n,6na)Am-237	TALYS-6a	0 [8,7,8]	14
Bk-246(n,4nd)Am-241	TALYS-6a	0 [8]	16
Bk-246(n,5nd)Cm-240	TALYS-6a	0 [8]	13
Bk-246(n,3nt)Cm-241	TALYS-6a	0 [8]	21
Bk-246(n,4nt)Cm-240	TALYS-6a	0 [8]	16
Bk-246(n,5nt)Cm-239	TALYS-6a	0 [8,7,8]	11
Bk-246(n,2nh)Am-242g	TALYS-6a	0	24
Bk-246(n,2nh)Am-242m	TALYS-6a	0	24
Bk-246(n,3nh)Am-241	TALYS-6a	0 [8]	19
Bk-246(n,4nh)Am-240	TALYS-6a	0 [8]	14
Bk-246(n,3n2p)Am-242g	TALYS-6a	0	16

Reaction	Library		Refs	Value
Bk-246(n,3n2p)Am-242m	TALYS-6a	0		16
Bk-246(n,3n2a)Np-236g	TALYS-6a	0		27
Bk-246(n,3n2a)Np-236m	TALYS-6a	0		26
Bk-246(n,3npa)Pu-239	TALYS-6a	0	[8]	24
Bk-246(n,n'pd)Am-243	TALYS-6a	0	[8]	24
Bk-246(n,n'ta)Pu-239	TALYS-6a	0	[8]	32
Bk-246(n,2n2p)Am-243	TALYS-6a	0	[8]	22
Bk-246(n,4n2p)Am-241	TALYS-6a	0	[8]	13
Bk-246(n,4n2a)Np-235	TALYS-6a	0	[8]	25
Bk-246(n,4npa)Pu-238	TALYS-6a	0	[8]	19
Bk-246(n,5n2p)Am-240	TALYS-6a	0	[8]	10
Bk-247(n,2nd)Cm-244	TALYS-6a	0	[8]	29
Bk-247(n,2n)Bk-246	TALYS-5	0		53
Bk-247(n,3n)Bk-245	TALYS-5	0		36
Bk-247(n,f)	JENDL-3.3	0	[13,3]	
17015				
Bk-247(n,n'a)Am-243	TALYS-6a	0		100
Bk-247(n,2na)Am-242g	TALYS-6a	0		50
Bk-247(n,2na)Am-242m	TALYS-6a	0		50
Bk-247(n,3na)Am-241	TALYS-6a	0	[8]	35
Bk-247(n,n'p)Am-246	TALYS-6a	0	[8]	53
Bk-247(n,n'2a)Np-239	TALYS-6a	0		100
Bk-247(n,2n2a)Np-238	TALYS-6a	0		100
Bk-247(n,n'd)Cm-245	TALYS-6a	0	[8]	38
Bk-247(n,n't)Cm-244	TALYS-6a	0	[8]	39
Bk-247(n,n'h)Am-244g	TALYS-6a	0		29
Bk-247(n,n'h)Am-244m	TALYS-6a	0		29
Bk-247(n,4n)Bk-244	TALYS-6a	0		27
Bk-247(n,2np)Cm-245	TALYS-6a	0	[8]	35
Bk-247(n,3np)Cm-244	TALYS-6a	0	[8]	28
Bk-247(n,n'2p)Am-245	TALYS-6a	0	[8]	26
Bk-247(n,n'pa)Pu-242	TALYS-6a	0		100
Bk-247(n,g)Bk-248g	NGAMMA	0	[14,13,4,6]	75
Bk-247(n,g)Bk-248m	NGAMMA	0	[14,13,4,6]	75
Bk-247(n,p)Cm-247	TALYS-6a	0	[2]	100
Bk-247(n,d)Cm-246	TALYS-6a	0	[8]	60
Bk-247(n,t)Cm-245	TALYS-6a	0	[8]	56
Bk-247(n,h)Am-245	TALYS-6a	0	[8]	39
Bk-247(n,a)Am-244g	TALYS-6a	0	[2]	100
Bk-247(n,a)Am-244m	TALYS-6a	0	[2]	100
Bk-247(n,2a)Np-240g	TALYS-6a	0	[4,10]	100
Bk-247(n,2a)Np-240m	TALYS-6a	0	[4,7,10]	100
Bk-247(n,2p)Am-246g	TALYS-6a	0	[4,8]	31
Bk-247(n,2p)Am-246m	TALYS-6a	0	[4,7,8,8]	30
Bk-247(n,pd)Am-245	TALYS-6a	0	[8]	28
Bk-247(n,da)Pu-242	TALYS-6a	0		100
Bk-247(n,5n)Bk-243	TALYS-6a	0		21
Bk-247(n,2nt)Cm-243	TALYS-6a	0	[8]	28
Bk-247(n,4np)Cm-243	TALYS-6a	0	[8]	21
Bk-247(n,3nd)Cm-243	TALYS-6a	0	[8]	22
Bk-247(n,2npa)Pu-241	TALYS-6a	0	[8]	30
Bk-247(n,5np)Cm-242	TALYS-6a	0	[8]	16
Bk-247(n,6np)Cm-241	TALYS-6a	0	[8]	12
Bk-247(n,4na)Am-240	TALYS-6a	0	[8]	27
Bk-247(n,5na)Am-239	TALYS-6a	0	[8]	19
Bk-247(n,6na)Am-238	TALYS-6a	0	[8]	14
Bk-247(n,7na)Am-237	TALYS-6a	0	[8,7,8]	9
Bk-247(n,4nd)Cm-242	TALYS-6a	0	[8]	16
Bk-247(n,5nd)Cm-241	TALYS-6a	0	[8]	13
Bk-247(n,3nt)Cm-242	TALYS-6a	0	[8]	22
Bk-247(n,4nt)Cm-241	TALYS-6a	0	[8]	15
Bk-247(n,5nt)Cm-240	TALYS-6a	0	[8]	12
Bk-247(n,2nh)Am-243	TALYS-6a	0	[8]	24
Bk-247(n,3nh)Am-242g	TALYS-6a	0		18
Bk-247(n,3nh)Am-242m	TALYS-6a	0		18
Bk-247(n,4nh)Am-241	TALYS-6a	0	[8]	14
Bk-247(n,3n2p)Am-243	TALYS-6a	0	[8]	16
Bk-247(n,3n2a)Np-237	TALYS-6a	0	[8]	27
Bk-247(n,3npa)Pu-240	TALYS-6a	0	[8]	25
Bk-247(n,n'pd)Am-244g	TALYS-6a	0		22
Bk-247(n,n'pd)Am-244m	TALYS-6a	0		22
Bk-247(n,n'ta)Pu-240	TALYS-6a	0	[8]	32
Bk-247(n,2n2p)Am-244g	TALYS-6a	0		21
Bk-247(n,2n2p)Am-244m	TALYS-6a	0		20
Bk-247(n,4n2p)Am-242g	TALYS-6a	0		13
Bk-247(n,4n2p)Am-242m	TALYS-6a	0		13
Bk-247(n,4n2a)Np-236g	TALYS-6a	0		19
Bk-247(n,4n2a)Np-236m	TALYS-6a	0		17
Bk-247(n,4npa)Pu-239	TALYS-6a	0	[8]	18
Bk-247(n,3n2pa)Np-239	TALYS-6a	0	[8]	13
Bk-247(n,5n2p)Am-241	TALYS-6a	0	[8]	10
Bk-248(n,n')Bk-248m	TALYS-6	0	[8,7]	95
Bk-248(n,2nd)Cm-245	TALYS-6a	0	[8,7,8]	29
Bk-248(n,2n)Bk-247	TALYS-5	0	[7,8]	58
Bk-248(n,3n)Bk-246	TALYS-5	0	[7,8]	37
Bk-248(n,f)	JAERI(MDF)	0	[13,4]	69
Bk-248(n,n'a)Am-244g	TALYS-6a	0		100
Bk-248(n,n'a)Am-244m	TALYS-6a	0		100
Bk-248(n,2na)Am-243	TALYS-6a	0	[7]	100
Bk-248(n,3na)Am-242g	TALYS-6a	0		36
Bk-248(n,3na)Am-242m	TALYS-6a	0		36
Bk-248(n,n'p)Am-247	TALYS-6a	0	[8,7,8]	51
Bk-248(n,n'2a)Np-240g	TALYS-6a	0	[4]	100
Bk-248(n,n'2a)Np-240m	TALYS-6a	0	[4,7]	100
Bk-248(n,2n2a)Np-239	TALYS-6a	0		100
Bk-248(n,n'd)Cm-246	TALYS-6a	0	[8,7,8]	40
Bk-248(n,n't)Cm-245	TALYS-6a	0	[8,7,8]	39
Bk-248(n,n'h)Am-245	TALYS-6a	0	[8,7,8]	30
Bk-248(n,4n)Bk-245	TALYS-6a	0		28
Bk-248(n,2np)Cm-246	TALYS-6a	0	[8,7,8]	37
Bk-248(n,3np)Cm-245	TALYS-6a	0	[8,7,8]	28
Bk-248(n,n'2p)Am-246g	TALYS-6a	0	[4,8,7,8]	25
Bk-248(n,n'2p)Am-246m	TALYS-6a	0	[4,7,8,8]	25
Bk-248(n,n'pa)Pu-243	TALYS-6a	0		100
Bk-248(n,g)Bk-249	NGAMMA	0	[14,7,13]	75
Bk-248(n,p)Cm-248	TALYS-6a	0	[2]	100
Bk-248(n,d)Cm-247	TALYS-6a	0	[8,7,8]	58
Bk-248(n,t)Cm-246	TALYS-6a	0	[8,7,8]	62
Bk-248(n,h)Am-246g	TALYS-6a	0	[4,8,7,8]	39
Bk-248(n,h)Am-246m	TALYS-6a	0	[4,7,8,8]	39
Bk-248(n,a)Am-245	TALYS-6a	0	[2]	100
Bk-248(n,2a)Np-241	TALYS-6a	0		100
Bk-248(n,2p)Am-247	TALYS-6a	0	[8,7,8]	28
Bk-248(n,da)Pu-243	TALYS-6a	0		100
Bk-248(n,5n)Bk-244	TALYS-6a	0		21
Bk-248(n,6n)Bk-243	TALYS-6a	0		16
Bk-248(n,2nt)Cm-244	TALYS-6a	0	[8,7,8]	29
Bk-248(n,ta)Pu-242	TALYS-6a	0		100
Bk-248(n,4np)Cm-244	TALYS-6a	0	[8,7,8]	22
Bk-248(n,3nd)Cm-243	TALYS-6a	0	[8,7,8]	23
Bk-248(n,n'da)Pu-242	TALYS-6a	0	[8,7,8]	33
Bk-248(n,2npa)Pu-242	TALYS-6a	0	[8,7,8]	31
Bk-248(n,5np)Cm-243	TALYS-6a	0	[8,7,8]	16
Bk-248(n,6np)Cm-242	TALYS-6a	0	[8,7,8]	13
Bk-248(n,4na)Am-241	TALYS-6a	0	[8,7,8]	27
Bk-248(n,5na)Am-240	TALYS-6a	0	[8,7,8]	21
Bk-248(n,6na)Am-239	TALYS-6a	0	[8,7,8]	15
Bk-248(n,7na)Am-238	TALYS-6a	0	[8,7,8]	10
Bk-248(n,4nd)Cm-243	TALYS-6a	0	[8,7,8]	16
Bk-248(n,5nd)Cm-242	TALYS-6a	0	[8,7,8]	14
Bk-248(n,3nt)Cm-243	TALYS-6a	0	[8,7,8]	22
Bk-248(n,4nt)Cm-242	TALYS-6a	0	[8,7,8]	16
Bk-248(n,5nt)Cm-241	TALYS-6a	0	[8,7,8]	13
Bk-248(n,2nh)Am-244g	TALYS-6a	0		24
Bk-248(n,2nh)Am-244m	TALYS-6a	0		23
Bk-248(n,3nh)Am-243	TALYS-6a	0	[8,7,8]	19
Bk-248(n,4nh)Am-242g	TALYS-6a	0		14
Bk-248(n,4nh)Am-242m	TALYS-6a	0		14
Bk-248(n,3n2p)Am-244g	TALYS-6a	0		16
Bk-248(n,3n2p)Am-244m	TALYS-6a	0		16
Bk-248(n,3n2a)Np-238	TALYS-6a	0	[8,7,8]	26
Bk-248(n,3npa)Pu-241	TALYS-6a	0	[8,7,8]	24
Bk-248(n,n'pd)Am-245	TALYS-6a	0	[8,7,8]	23
Bk-248(n,n'ta)Pu-241	TALYS-6a	0	[8,7,8]	31
Bk-248(n,2n2p)Am-245	TALYS-6a	0	[8,7,8]	21
Bk-248(n,4n2p)Am-243	TALYS-6a	0	[8,7,8]	13
Bk-248(n,4n2a)Np-237	TALYS-6a	0	[8,7,8]	20
Bk-248(n,4npa)Pu-240	TALYS-6a	0	[8,7,8]	19
Bk-248(n,3n2pa)Np-240g	TALYS-6a	0	[4,8,7,8]	12
Bk-248(n,3n2pa)Np-240m	TALYS-6a	0	[4,7,8,8]	12
Bk-248(n,5n2p)Am-242g	TALYS-6a	0		10
Bk-248(n,5n2p)Am-242m	TALYS-6a	0		10
Bk-248m(n,n')Bk-248g	TALYS-6	0	[8,10]	95
Bk-248m(n,2nd)Cm-245	TALYS-6	0	[8,7,8]	30
Bk-248m(n,2n)Bk-247	TALYS-5	0	[7,8]	58
Bk-248m(n,3n)Bk-246	TALYS-5	0	[7,8]	37
Bk-248m(n,f)	JAERI(MDF)	0	[13,4]	69
Bk-248m(n,n'a)Am-244g	TALYS-6	0		100
Bk-248m(n,n'a)Am-244m	TALYS-6	0		100
Bk-248m(n,2na)Am-243	TALYS-6	0	[7]	100
Bk-248m(n,3na)Am-242g	TALYS-6	0		36
Bk-248m(n,3na)Am-242m	TALYS-6	0		36
Bk-248m(n,n'p)Cm-247	TALYS-6	0	[8,7,8]	51
Bk-248m(n,n'2a)Np-240g	TALYS-6	0	[4]	100
Bk-248m(n,n'2a)Np-240m	TALYS-6	0	[4,7]	100
Bk-248m(n,2n2a)Np-239	TALYS-6	0		100
Bk-248m(n,n'd)Cm-246	TALYS-6	0	[8,7,8]	40
Bk-248m(n,n't)Cm-245	TALYS-6	0	[8,7,8]	40
Bk-248m(n,n'h)Am-245	TALYS-6	0	[8,7,8]	30
Bk-248m(n,4n)Bk-245	TALYS-6	0		28
Bk-248m(n,2np)Cm-246	TALYS-6	0	[8,7,8]	37
Bk-248m(n,3np)Cm-245	TALYS-6	0	[8,7,8]	28
Bk-248m(n,n'2p)Am-246g	TALYS-6	0		25
Bk-248m(n,n'2p)Am-246m	TALYS-6	0		26
Bk-248m(n,n'pa)Pu-243	TALYS-6	0		100
Bk-248m(n,g)Bk-249	NGAMMA	0	[14,7,12]	90
Bk-248m(n,p)Cm-248	TALYS-6	0	[2]	100
Bk-248m(n,d)Cm-247	TALYS-6	0	[8,7,8]	57
Bk-248m(n,t)Cm-246	TALYS-6	0	[8,7,8]	61
Bk-248m(n,h)Am-246g	TALYS-6	0		35
Bk-248m(n,h)Am-246m	TALYS-6	0		35
Bk-248m(n,a)Am-245	TALYS-6	0	[2]	100
Bk-248m(n,2a)Np-241	TALYS-6	0		100
Bk-248m(n,2p)Am-247	TALYS-6	0	[8,7,8]	28
Bk-248m(n,da)Pu-243	TALYS-6	0		100
Bk-248m(n,5n)Bk-244	TALYS-6	0		21
Bk-248m(n,6n)Bk-243	TALYS-6	0		16
Bk-248m(n,2nt)Cm-244	TALYS-6	0	[8,7,8]	30
Bk-248m(n,ta)Pu-242	TALYS-6	0		100
Bk-248m(n,4np)Cm-244	TALYS-6	0	[8,7,8]	22
Bk-248m(n,3nd)Cm-244	TALYS-6	0	[8,7,8]	24
Bk-248m(n,n'da)Pu-242	TALYS-6	0	[8,7,8]	34
Bk-248m(n,2npa)Pu-242	TALYS-6	0	[8,7,8]	31
Bk-248m(n,5np)Cm-243	TALYS-6	0	[8,7,8]	16
Bk-248m(n,6np)Cm-242	TALYS-6	0	[8,7,8]	13
Bk-248m(n,4na)Am-241	TALYS-6	0	[8,7,8]	27
Bk-248m(n,5na)Am-240	TALYS-6	0	[8,7,8]	21
Bk-248m(n,6na)Am-239	TALYS-6	0	[8,7,8]	15
Bk-248m(n,7na)Am-238	TALYS-6	0	[8,7,8]	11
Bk-248m(n,4nd)Cm-243	TALYS-6	0	[8,7,8]	17
Bk-248m(n,5nd)Cm-242	TALYS-6	0	[8,7,8]	14
Bk-248m(n,3nt)Cm-243	TALYS-6	0	[8,7,8]	23
Bk-248m(n,4nt)Cm-242	TALYS-6	0	[8,7,8]	17
Bk-248m(n,5nt)Cm-241	TALYS-6	0	[8,7,8]	13
Bk-248m(n,2nh)Am-244g	TALYS-6	0		24
Bk-248m(n,2nh)Am-244m	TALYS-6	0		24
Bk-248m(n,3nh)Am-243	TALYS-6	0	[8,7,8]	19
Bk-248m(n,4nh)Am-242g	TALYS-6	0		15
Bk-248m(n,4nh)Am-242m	TALYS-6	0		14
Bk-248m(n,3n2p)Am-244g	TALYS-6	0		16
Bk-248m(n,3n2p)Am-244m	TALYS-6	0		16
Bk-248m(n,3n2a)Np-238	TALYS-6	0	[8,7,8]	27
Bk-248m(n,3npa)Pu-241	TALYS-6	0	[8,7,8]	24
Bk-248m(n,n'pd)Am-245	TALYS-6	0	[8,7,8]	23
Bk-248m(n,n'ta)Pu-241	TALYS-6	0	[8,7,8]	32
Bk-248m(n,2n2p)Am-245	TALYS-6	0	[8,7,8]	21
Bk-248m(n,4n2p)Am-243	TALYS-6	0	[8,7,8]	13
Bk-248m(n,4n2a)Np-237	TALYS-6	0	[8,7,8]	23

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Bk-248m(n,4npa)Pu-240     TALYS-6    0 [8,7,8]          19    Bk-250(n,4np)Cm-246        TALYS-6a   0 [8]              23
Bk-248m(n,3n2pa)Np-240g   TALYS-6    0 [4,8,7,8,15]     14    Bk-250(n,3nd)Cm-246        TALYS-6a   0 [8]              24
Bk-248m(n,3n2pa)Np-240m   TALYS-6    0 [4,7,8,8,15]     14    Bk-250(n,5np)Cm-245        TALYS-6a   0 [8]              16
Bk-248m(n,5n2p)Am-242g    TALYS-6    0                  10    Bk-250(n,6np)Cm-244        TALYS-6a   0 [8]              13
Bk-248m(n,5n2p)Am-242m    TALYS-6    0                  10    Bk-250(n,7np)Cm-243        TALYS-6a   0 [8]              10
Bk-249(n,2nd)Cm-246       TALYS-6a   0 [8]              29    Bk-250(n,4na)Am-243        TALYS-6a   0 [8]              28
Bk-249(n,2n)Bk-248g       TALYS-5    0 [7,8]            54    Bk-250(n,5na)Am-242g       TALYS-6a   0                  21
Bk-249(n,2n)Bk-248m       TALYS-5    0 [7,8]            54    Bk-250(n,5na)Am-242m       TALYS-6a   0                  21
Bk-249(n,3n)Bk-247        TALYS-5    0                  38    Bk-250(n,6na)Am-241        TALYS-6a   0 [8]              15
Bk-249(n,f)               JENDL-3.1  4 [13,4]         7620    Bk-250(n,7na)Am-240        TALYS-6a   0 [8]              12
Bk-249(n,n'a)Am-245       TALYS-6a   0 [10]             99    Bk-250(n,4nd)Cm-245        TALYS-6a   0 [8]              17
Bk-249(n,2na)Am-244g      TALYS-6a   0                  50    Bk-250(n,5nd)Cm-244        TALYS-6a   0 [8]              14
Bk-249(n,2na)Am-244m      TALYS-6a   0                  49    Bk-250(n,6nd)Cm-243        TALYS-6a   0 [8]              11
Bk-249(n,3na)Am-243       TALYS-6a   0 [8]              36    Bk-250(n,3nt)Cm-245        TALYS-6a   0 [8]              23
Bk-249(n,n'p)Cm-248       TALYS-6a   0 [8]              50    Bk-250(n,4nt)Cm-244        TALYS-6a   0 [8]              17
Bk-249(n,n'2a)Np-241      TALYS-6a   0 [10]             99    Bk-250(n,5nt)Cm-243        TALYS-6a   0 [8]              13
Bk-249(n,2n2a)Np-240g     TALYS-6a   0 [4,10]           99    Bk-250(n,6nt)Cm-242        TALYS-6a   0 [8]              10
Bk-249(n,2n2a)Np-240m     TALYS-6a   0 [4,7]            99    Bk-250(n,2nh)Am-246g       TALYS-6a   0 [4,8]            23
Bk-249(n,n'd)Cm-247       TALYS-6a   0 [8]              38    Bk-250(n,2nh)Am-246m       TALYS-6a   0 [4,7,8,8]        22
Bk-249(n,n't)Cm-246       TALYS-6a   0 [8]              39    Bk-250(n,3nh)Am-245        TALYS-6a   0 [8]              19
Bk-249(n,n'h)Am-246g      TALYS-6a   0 [4,8]            28    Bk-250(n,4nh)Am-244g       TALYS-6a   0                  15
Bk-249(n,n'h)Am-246m      TALYS-6a   0 [4,7,8,8]        27    Bk-250(n,4nh)Am-244m       TALYS-6a   0                  14
Bk-249(n,4n)Bk-246        TALYS-6a   0 [15]             28    Bk-250(n,3n2p)Am-246g      TALYS-6a   0 [4,8]            15
Bk-249(n,2np)Cm-247       TALYS-6a   0 [8]              35    Bk-250(n,3n2p)Am-246m      TALYS-6a   0 [4,7,8,8]        14
Bk-249(n,3np)Cm-246       TALYS-6a   0 [8]              28    Bk-250(n,3n2a)Np-240g      TALYS-6a   0 [4,8]            22
Bk-249(n,n'2p)Am-247      TALYS-6a   0 [8,7,8]          25    Bk-250(n,3n2a)Np-240m      TALYS-6a   0 [4,7,8,8]        21
Bk-249(n,g)Bk-250         JENDL-3.2  2 [9,2,14,7,4]   6043    Bk-250(n,3npa)Pu-243       TALYS-6a   0 [8]              23
Bk-249(n,p)Cm-249         TALYS-6a   0 [2,8]            75    Bk-250(n,n'pd)Am-247       TALYS-6a   0 [8,7,8]          22
Bk-249(n,d)Cm-248         TALYS-6a   0 [8]              58    Bk-250(n,2n2p)Am-247       TALYS-6a   0 [8,7,8]          20
Bk-249(n,t)Cm-247         TALYS-6a   0 [8]              55    Bk-250(n,4n2p)Am-245       TALYS-6a   0 [8]              13
Bk-249(n,h)Am-247         TALYS-6a   0 [8,7,8]          33    Bk-250(n,4n2a)Np-239       TALYS-6a   0 [8]              21
Bk-249(n,a)Am-246g        TALYS-6a   0 [4,2]            99    Bk-250(n,4npa)Pu-242       TALYS-6a   0 [8]              18
Bk-249(n,a)Am-246m        TALYS-6a   0 [4,7,2]          99    Bk-250(n,3n2pa)Np-242g     TALYS-6a   0 [4,8]            13
Bk-249(n,2a)Np-242g       TALYS-6a   0 [4,10]           99    Bk-250(n,3n2pa)Np-242m     TALYS-6a   0 [4,7,8,8]        12
Bk-249(n,2a)Np-242m       TALYS-6a   0 [4,7,10]         99    Bk-250(n,5n2p)Am-244g      TALYS-6a   0                  10
Bk-249(n,2p)Am-248        TALYS-6a   0 [8,7,8]          27    Bk-250(n,5n2p)Am-244m      TALYS-6a   0                  10
Bk-249(n,pa)Pu-245        TALYS-6a   0 [10]             99    Cf-246(n,2nd)Bk-243        TALYS-6a   0 [8]              26
Bk-249(n,pd)Am-247        TALYS-6a   0 [8,7,8]          27   >Cf-246(n,2n)Cf-245         EXIFON     0 [13,7,8]         57
Bk-249(n,5n)Bk-245        TALYS-6a   0                  22    Cf-246(n,3n)Cf-244         TALYS-5    0                  34
Bk-249(n,6n)Bk-244        TALYS-6a   0                  16    Cf-246(n,f)                ESTIMATE   0 [7,12]           18
Bk-249(n,2nt)Cm-245       TALYS-6a   0 [8]              29    Cf-246(n,n'a)Cm-242        TALYS-6a   0 [10]            100
Bk-249(n,4np)Cm-245       TALYS-6a   0 [8]              21    Cf-246(n,2na)Cm-241        TALYS-6a   0 [8]              52
Bk-249(n,3nd)Cm-245       TALYS-6a   0 [8]              23    Cf-246(n,3na)Cm-240        TALYS-6a   0 [8]              36
Bk-249(n,2npa)Pu-243      TALYS-6a   0 [8]              29    Cf-246(n,n'p)Bk-245        TALYS-6a   0 [8]              50
Bk-249(n,5np)Cm-244       TALYS-6a   0 [8]              16    Cf-246(n,n'2a)Pu-238       TALYS-6a   0                 100
Bk-249(n,6np)Cm-243       TALYS-6a   0 [8]              13    Cf-246(n,2n2a)Pu-237g      TALYS-6a   0                 100
Bk-249(n,7np)Cm-242       TALYS-6a   0 [8]              10    Cf-246(n,2n2a)Pu-237m      TALYS-6a   0                 100
Bk-249(n,4na)Am-242g      TALYS-6a   0                  26    Cf-246(n,n'd)Bk-244        TALYS-6a   0 [8]              35
Bk-249(n,4na)Am-242m      TALYS-6a   0                  26    Cf-246(n,n't)Bk-243        TALYS-6a   0 [8]              34
Bk-249(n,5na)Am-241       TALYS-6a   0                  20    Cf-246(n,n'h)Cm-243        TALYS-6a   0 [8]              30
Bk-249(n,6na)Am-240       TALYS-6a   0 [8]              15    Cf-246(n,n't2a)Np-235      TALYS-6a   0                 100
Bk-249(n,7na)Am-239       TALYS-6a   0 [8]              11    Cf-246(n,2np)Bk-244        TALYS-6a   0 [8]              32
Bk-249(n,4nd)Cm-244       TALYS-6a   0 [8]              17    Cf-246(n,3np)Bk-243        TALYS-6a   0 [8]              24
Bk-249(n,5nd)Cm-243       TALYS-6a   0 [8]              13    Cf-246(n,n'2p)Cm-244       TALYS-6a   0 [8]              27
Bk-249(n,6nd)Cm-242       TALYS-6a   0 [8]              10    Cf-246(n,n'pa)Am-241       TALYS-6a   0                 100
Bk-249(n,3nt)Cm-244       TALYS-6a   0 [8]              23   >Cf-246(n,g)Cf-247          TALYS-6a   0                 100
Bk-249(n,4nt)Cm-243       TALYS-6a   0 [8]              16    Cf-246(n,p)Bk-246          TALYS-6a   0 [2]             100
Bk-249(n,5nt)Cm-242       TALYS-6a   0 [8]              13    Cf-246(n,d)Bk-245          TALYS-6a   0 [8]              58
Bk-249(n,2nh)Am-245       TALYS-6a   0 [8]              24    Cf-246(n,t)Bk-244          TALYS-6a   0 [8]              51
Bk-249(n,3nh)Am-244g      TALYS-6a   0                  18    Cf-246(n,h)Cm-244          TALYS-6a   0 [8]              43
Bk-249(n,3nh)Am-244m      TALYS-6a   0                  18    Cf-246(n,a)Cm-243          TALYS-6a   0 [2]             100
Bk-249(n,4nh)Am-243       TALYS-6a   0 [8]              14    Cf-246(n,2a)Pu-239         TALYS-6a   0 [10]            100
Bk-249(n,3n2p)Am-245      TALYS-6a   0 [8]              16    Cf-246(n,3a)U-235g         TALYS-6a   0                 100
Bk-249(n,3n2a)Np-239      TALYS-6a   0 [8]              26    Cf-246(n,3a)U-235m         TALYS-6a   0                 100
Bk-249(n,3npa)Pu-242      TALYS-6a   0 [8]              24    Cf-246(n,2p)Cm-245         TALYS-6a   0 [8]              35
Bk-249(n,n'ta)Pu-242      TALYS-6a   0 [8]              31    Cf-246(n,pa)Am-242g        TALYS-6a   0                 100
Bk-249(n,2n2p)Am-246g     TALYS-6a   0 [4,8]            20    Cf-246(n,pa)Am-242m        TALYS-6a   0                 100
Bk-249(n,2n2p)Am-246m     TALYS-6a   0 [4,7,8,8]        19    Cf-246(n,pd)Cm-244         TALYS-6a   0 [8]              29
Bk-249(n,4n2p)Am-244g     TALYS-6a   0                  13    Cf-246(n,da)Am-241         TALYS-6a   0                 100
Bk-249(n,4n2p)Am-244m     TALYS-6a   0                  13    Cf-246(n,ta)Am-240         TALYS-6a   0                 100
Bk-249(n,4n2a)Np-238      TALYS-6a   0 [8]              17    Cf-246(n,n'da)Am-240       TALYS-6a   0 [8]              34
Bk-249(n,4npa)Pu-241      TALYS-6a   0 [8]              18    Cf-246(n,2npa)Am-240       TALYS-6a   0 [8]              31
Bk-249(n,5n2p)Am-243      TALYS-6a   0 [8]              10    Cf-246(n,4na)Cm-239        TALYS-6a   0 [8,7,8]          25
Bk-250(n,2nd)Cm-247       TALYS-6a   0 [8]              30    Cf-246(n,5na)Cm-238        TALYS-6a   0 [8]              19
Bk-250(n,2n)Bk-249        TALYS-5    0                  61    Cf-246(n,2nh)Cm-242        TALYS-6a   0 [8]              25
Bk-250(n,3n)Bk-248g       TALYS-5    0 [7,8]            39    Cf-246(n,3nh)Cm-241        TALYS-6a   0 [8]              17
Bk-250(n,3n)Bk-248m       TALYS-5    0 [7,8]            39    Cf-246(n,4nh)Cm-240        TALYS-6a   0 [8]              14
Bk-250(n,f)               JENDL-3.1  2 [13,4]         8967    Cf-246(n,3n2p)Cm-242       TALYS-6a   0 [8]              16
Bk-250(n,n'a)Am-246g      TALYS-6a   0 [4]             100    Cf-246(n,3n2a)Pu-236       TALYS-6a   0                 100
Bk-250(n,n'a)Am-246m      TALYS-6a   0 [4,7]           100    Cf-246(n,3npa)Am-239       TALYS-6a   0 [8]              22
Bk-250(n,2na)Am-245       TALYS-6a   0 [10]            100    Cf-246(n,n'pd)Cm-243       TALYS-6a   0 [8]              23
Bk-250(n,3na)Am-244g      TALYS-6a   0                  37    Cf-246(n,n'ta)Am-239       TALYS-6a   0 [8]              30
Bk-250(n,3na)Am-244m      TALYS-6a   0                  36    Cf-246(n,2n2p)Cm-243       TALYS-6a   0 [8]              21
Bk-250(n,n'p)Cm-249       TALYS-6a   0 [8]              48    Cf-246(n,4n2p)Cm-241       TALYS-6a   0 [8]              12
Bk-250(n,n'2a)Np-242g     TALYS-6a   0 [4,10]          100    Cf-246(n,4n2a)Pu-235       TALYS-6a   0 [8,7,8]          25
Bk-250(n,n'2a)Np-242m     TALYS-6a   0 [4,7]           100    Cf-246(n,4npa)Am-238       TALYS-6a   0 [8]              16
Bk-250(n,2n2a)Np-241      TALYS-6a   0 [10]            100    Cf-246(n,3n2pa)Pu-238      TALYS-6a   0 [8]              15
Bk-250(n,n'd)Cm-248       TALYS-6a   0 [8]              40    Cf-248(n,2nd)Bk-245        TALYS-6a   0 [8]              26
Bk-250(n,n't)Cm-247       TALYS-6a   0 [8]              40    Cf-248(n,2n)Cf-247         TALYS-5    0                  51
Bk-250(n,n'h)Am-247       TALYS-6a   0 [8,7,8]          29    Cf-248(n,3n)Cf-246         TALYS-5    0                  35
Bk-250(n,4n)Bk-247        TALYS-6a   0                  30    Cf-248(n,f)                TALYS-5a   0 [8,8,10,8,10]    96
Bk-250(n,2np)Cm-248       TALYS-6a   0 [8]              37    Cf-248(n,n'a)Cm-244        TALYS-6a   0                 100
Bk-250(n,3np)Cm-247       TALYS-6a   0 [8]              28    Cf-248(n,2na)Cm-243        TALYS-6a   0 [8]              51
Bk-250(n,n'2p)Am-248      TALYS-6a   0 [8,7,8]          24    Cf-248(n,3na)Cm-242        TALYS-6a   0 [8]              36
Bk-250(n,n'pa)Pu-245      TALYS-6a   0 [10]            100    Cf-248(n,n'p)Bk-247        TALYS-6a   0 [8]              47
Bk-250(n,g)Bk-251         JENDL-3.1  2 [14,7,13]      8967    Cf-248(n,n'2a)Pu-240       TALYS-6a   0                 100
Bk-250(n,p)Cm-250         TALYS-6a   0 [2]             100    Cf-248(n,2n2a)Pu-239       TALYS-6a   0                 100
Bk-250(n,d)Cm-249         TALYS-6a   0 [8]              57    Cf-248(n,n'd)Bk-246        TALYS-6a   0 [8,15]           35
Bk-250(n,t)Cm-248         TALYS-6a   0 [8]              62    Cf-248(n,n't)Bk-245        TALYS-6a   0 [8]              34
Bk-250(n,h)Am-248         TALYS-6a   0 [8,7,8]          32    Cf-248(n,n'h)Cm-245        TALYS-6a   0 [8]              30
Bk-250(n,a)Am-247         TALYS-6a   0 [2]             100    Cf-248(n,n't2a)Np-237      TALYS-6a   0                 100
Bk-250(n,2a)Np-243        TALYS-6a   0 [10]            100    Cf-248(n,4n)Cf-245         TALYS-6a   0                  26
Bk-250(n,2p)Am-249        TALYS-6a   0 [8,7,8]          27    Cf-248(n,2np)Bk-246        TALYS-6a   0 [8,15]           32
Bk-250(n,pa)Pu-246        TALYS-6a   0 [10]            100    Cf-248(n,3np)Bk-245        TALYS-6a   0 [8]              24
Bk-250(n,pd)Am-248        TALYS-6a   0 [8,7,8]          26    Cf-248(n,n'2p)Cm-246       TALYS-6a   0 [8]              27
Bk-250(n,da)Pu-245        TALYS-6a   0 [10]            100    Cf-248(n,n'pa)Am-243       TALYS-6a   0                 100
Bk-250(n,5n)Bk-246        TALYS-6a   0 [15]             23   >Cf-248(n,g)Cf-249          TALYS-6a   0                 100
Bk-250(n,6n)Bk-245        TALYS-6a   0                  17    Cf-248(n,p)Bk-248g         TALYS-6a   0 [4,2,8,7,8]      76
Bk-250(n,2nt)Cm-246       TALYS-6a   0 [8]              30    Cf-248(n,p)Bk-248m         TALYS-6a   0 [4,7,8,2,8]      75
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Reaction	Library		Refs	Value
Cf-248(n,d)Bk-247	TALYS-6a	0	[8]	54
Cf-248(n,t)Bk-246	TALYS-6a	0	[8,15]	47
Cf-248(n,h)Cm-246	TALYS-6a	0	[8]	41
Cf-248(n,a)Cm-245	TALYS-6a	0	[2]	100
Cf-248(n,2a)Pu-241	TALYS-6a	0	[10]	100
Cf-248(n,2p)Cm-247	TALYS-6a	0	[8]	31
Cf-248(n,pa)Am-244g	TALYS-6a	0		100
Cf-248(n,pa)Am-244m	TALYS-6a	0		100
Cf-248(n,pd)Cm-246	TALYS-6a	0	[8]	28
Cf-248(n,da)Am-243	TALYS-6a	0		100
Cf-248(n,5n)Cf-244	TALYS-6a	0		20
Cf-248(n,2nt)Bk-244	TALYS-6a	0	[8]	25
Cf-248(n,ta)Am-242g	TALYS-6a	0		100
Cf-248(n,ta)Am-242m	TALYS-6a	0		100
Cf-248(n,4np)Bk-244	TALYS-6a	0	[8]	17
Cf-248(n,3nd)Bk-244	TALYS-6a	0	[8]	19
Cf-248(n,n'da)Am-242g	TALYS-6a	0		29
Cf-248(n,n'da)Am-242m	TALYS-6a	0		29
Cf-248(n,2npa)Am-242g	TALYS-6a	0		27
Cf-248(n,2npa)Am-242m	TALYS-6a	0		26
Cf-248(n,4na)Cm-241	TALYS-6a	0	[8]	26
Cf-248(n,5na)Cm-240	TALYS-6a	0	[8]	20
Cf-248(n,6na)Cm-239	TALYS-6a	0	[8,7,8]	13
Cf-248(n,3nt)Bk-243	TALYS-6a	0	[8]	17
Cf-248(n,2nh)Cm-244	TALYS-6a	0	[8]	24
Cf-248(n,3nh)Cm-243	TALYS-6a	0	[8]	18
Cf-248(n,4nh)Cm-242	TALYS-6a	0	[8]	14
Cf-248(n,3n2p)Cm-244	TALYS-6a	0	[8]	16
Cf-248(n,3n2a)Pu-238	TALYS-6a	0		100
Cf-248(n,3npa)Am-241	TALYS-6a	0	[8]	22
Cf-248(n,n'pd)Cm-245	TALYS-6a	0	[8]	22
Cf-248(n,n'ta)Am-241	TALYS-6a	0	[8]	30
Cf-248(n,2n2p)Cm-245	TALYS-6a	0	[8]	20
Cf-248(n,4n2p)Cm-243	TALYS-6a	0	[8]	12
Cf-248(n,4n2a)Pu-237g	TALYS-6a	0		23
Cf-248(n,4n2a)Pu-237m	TALYS-6a	0		23
Cf-248(n,4npa)Am-240	TALYS-6a	0	[8]	16
Cf-248(n,3n2pa)Pu-240	TALYS-6a	0	[8]	15
Cf-249(n,2nd)Bk-246	TALYS-6a	0	[8,15]	27
Cf-249(n,2n)Cf-248	TALYS-5	0		57
Cf-249(n,3n)Cf-247	TALYS-5	0		36
Cf-249(n,f)	JEF-2.2	4	[13,4,10]	4281
Cf-249(n,n'a)Cm-245	TALYS-6a	0	[10]	100
Cf-249(n,2na)Cm-244	TALYS-6a	0	[10]	100
Cf-249(n,3na)Cm-243	TALYS-6a	0	[8]	35
Cf-249(n,n'p)Bk-248g	TALYS-6a	0	[4,8,7,8]	46
Cf-249(n,n'p)Bk-248m	TALYS-6a	0	[4,7,8,8]	45
Cf-249(n,n'2a)Pu-241	TALYS-6a	0	[10]	100
Cf-249(n,2n2a)Pu-240	TALYS-6a	0	[10]	100
Cf-249(n,n'd)Bk-247	TALYS-6a	0	[8]	37
Cf-249(n,n't)Bk-246	TALYS-6a	0	[8,15]	34
Cf-249(n,n'h)Cm-246	TALYS-6a	0	[8]	31
Cf-249(n,4n)Cf-246	TALYS-6a	0		28
Cf-249(n,2np)Bk-247	TALYS-6a	0	[8]	33
Cf-249(n,3np)Bk-246	TALYS-6a	0	[8,15]	26
Cf-249(n,n'2p)Cm-247	TALYS-6a	0	[8]	26
Cf-249(n,n'pa)Am-244g	TALYS-6a	0		100
Cf-249(n,n'pa)Am-244m	TALYS-6a	0	[7]	100
Cf-249(n,g)Cf-250	JENDL-3.3	4	[13,3]	5961
Cf-249(n,p)Bk-249	TALYS-6a	0	[2]	100
Cf-249(n,d)Bk-248g	TALYS-6a	0	[4,8,7,8]	49
Cf-249(n,d)Bk-248m	TALYS-6a	0	[4,7,8,8]	48
Cf-249(n,t)Bk-247	TALYS-6a	0	[8]	55
Cf-249(n,h)Cm-247	TALYS-6a	0	[8]	40
Cf-249(n,a)Cm-246	TALYS-6a	0	[2]	100
Cf-249(n,2a)Pu-242	TALYS-6a	0	[10]	100
Cf-249(n,2p)Cm-248	TALYS-6a	0	[8]	31
Cf-249(n,pa)Am-245	TALYS-6a	0	[10]	100
Cf-249(n,pd)Cm-247	TALYS-6a	0	[8]	27
Cf-249(n,da)Am-244g	TALYS-6a	0		100
Cf-249(n,da)Am-244m	TALYS-6a	0		100
Cf-249(n,5n)Cf-245	TALYS-6a	0		20
Cf-249(n,6n)Cf-244	TALYS-6a	0		15
Cf-249(n,2nt)Bk-245	TALYS-6a	0	[8]	26
Cf-249(n,ta)Am-243	TALYS-6a	0	[10]	100
Cf-249(n,4np)Bk-245	TALYS-6a	0	[8]	17
Cf-249(n,3nd)Bk-245	TALYS-6a	0	[8]	19
Cf-249(n,n'da)Am-243	TALYS-6a	0	[8]	30
Cf-249(n,2npa)Am-243	TALYS-6a	0	[8]	29
Cf-249(n,5np)Bk-244	TALYS-6a	0	[8]	13
Cf-249(n,4na)Cm-242	TALYS-6a	0	[8]	27
Cf-249(n,5na)Cm-241	TALYS-6a	0	[8]	20
Cf-249(n,6na)Cm-240	TALYS-6a	0	[8]	15
Cf-249(n,4nd)Bk-244	TALYS-6a	0	[8]	14
Cf-249(n,3nt)Bk-244	TALYS-6a	0	[8]	18
Cf-249(n,2nh)Cm-245	TALYS-6a	0	[8]	24
Cf-249(n,3nh)Cm-244	TALYS-6a	0	[8]	19
Cf-249(n,4nh)Cm-243	TALYS-6a	0	[8]	14
Cf-249(n,3n2p)Cm-245	TALYS-6a	0	[8]	16
Cf-249(n,3n2a)Pu-239	TALYS-6a	0	[10]	100
Cf-249(n,3npa)Am-242g	TALYS-6a	0		20
Cf-249(n,3npa)Am-242m	TALYS-6a	0		20
Cf-249(n,n'pd)Cm-246	TALYS-6a	0	[8]	23
Cf-249(n,n'ta)Am-242g	TALYS-6a	0		28
Cf-249(n,n'ta)Am-242m	TALYS-6a	0		29
Cf-249(n,2n2p)Cm-246	TALYS-6a	0	[8]	21
Cf-249(n,4n2p)Cm-244	TALYS-6a	0	[8]	13
Cf-249(n,4n2a)Pu-238	TALYS-6a	0	[8]	25
Cf-249(n,4npa)Am-241	TALYS-6a	0	[8]	16
Cf-249(n,3n2pa)Pu-241	TALYS-6a	0	[8]	12
Cf-250(n,2nd)Bk-247	TALYS-6a	0	[8]	27
Cf-250(n,2n)Cf-249	TALYS-5	0		52
Cf-250(n,3n)Cf-248	TALYS-5	0		37
Cf-250(n,f)	JENDL-3.1	4	[13,3,12,4,7]	4346
Cf-250(n,n'a)Cm-246	TALYS-6a	0	[10]	100
Cf-250(n,2na)Cm-245	TALYS-6a	0	[8]	51
Cf-250(n,3na)Cm-244	TALYS-6a	0	[8]	36
Cf-250(n,n'p)Bk-249	TALYS-6a	0	[8]	45
Cf-250(n,n'2a)Pu-242	TALYS-6a	0	[10]	100
Cf-250(n,2n2a)Pu-241	TALYS-6a	0	[10]	100
Cf-250(n,n'd)Bk-248g	TALYS-6a	0	[4,8,7,8]	35
Cf-250(n,n'd)Bk-248m	TALYS-6a	0	[4,7,8,8]	34
Cf-250(n,n't)Bk-247	TALYS-6a	0	[8]	35
Cf-250(n,n'h)Cm-247	TALYS-6a	0	[8]	29
Cf-250(n,4n)Cf-247	TALYS-6a	0		27
Cf-250(n,2np)Bk-248g	TALYS-6a	0	[4,8,7,8]	32
Cf-250(n,2np)Bk-248m	TALYS-6a	0	[4,7,8,8]	31
Cf-250(n,3np)Bk-247	TALYS-6a	0	[8]	25
Cf-250(n,n'2p)Cm-248	TALYS-6a	0	[8]	26
Cf-250(n,n'pa)Am-245	TALYS-6a	0	[8]	34
Cf-250(n,g)Cf-251	JENDL-3.3	4	[9,2,7]	4842
Cf-250(n,p)Bk-250	TALYS-6a	0	[2,8]	70
Cf-250(n,d)Bk-249	TALYS-6a	0	[8]	51
Cf-250(n,t)Bk-248g	TALYS-6a	0	[4,8,7,8]	45
Cf-250(n,t)Bk-248m	TALYS-6a	0	[4,7,8,8]	44
Cf-250(n,h)Cm-248	TALYS-6a	0	[8]	39
Cf-250(n,a)Cm-247	TALYS-6a	0	[2]	100
Cf-250(n,2p)Cm-249	TALYS-6a	0	[8]	29
Cf-250(n,pa)Am-246g	TALYS-6a	0	[4]	100
Cf-250(n,pa)Am-246m	TALYS-6a	0	[4,7]	100
Cf-250(n,pd)Cm-248	TALYS-6a	0	[8]	26
Cf-250(n,da)Am-245	TALYS-6a	0	[10]	100
Cf-250(n,5n)Cf-246	TALYS-6a	0		21
Cf-250(n,6n)Cf-245	TALYS-6a	0		15
Cf-250(n,2nt)Bk-246	TALYS-6a	0	[8,15]	25
Cf-250(n,ta)Am-244g	TALYS-6a	0		100
Cf-250(n,ta)Am-244m	TALYS-6a	0		100
Cf-250(n,4np)Bk-246	TALYS-6a	0	[8,15]	18
Cf-250(n,3nd)Bk-246	TALYS-6a	0	[8,15]	20
Cf-250(n,n'da)Am-244g	TALYS-6a	0		28
Cf-250(n,n'da)Am-244m	TALYS-6a	0		28
Cf-250(n,2npa)Am-244g	TALYS-6a	0		26
Cf-250(n,2npa)Am-244m	TALYS-6a	0		26
Cf-250(n,5np)Bk-245	TALYS-6a	0	[8]	13
Cf-250(n,4na)Cm-243	TALYS-6a	0	[8]	27
Cf-250(n,5na)Cm-242	TALYS-6a	0	[8]	20
Cf-250(n,6na)Cm-241	TALYS-6a	0	[8]	14
Cf-250(n,7na)Cm-240	TALYS-6a	0	[8]	11
Cf-250(n,4nd)Bk-245	TALYS-6a	0	[8]	14
Cf-250(n,3nt)Bk-245	TALYS-6a	0	[8]	18
Cf-250(n,2nh)Cm-246	TALYS-6a	0	[8]	24
Cf-250(n,3nh)Cm-245	TALYS-6a	0	[8]	18
Cf-250(n,4nh)Cm-244	TALYS-6a	0	[8]	14
Cf-250(n,3n2p)Cm-246	TALYS-6a	0	[8]	16
Cf-250(n,3n2a)Pu-240	TALYS-6a	0	[10]	100
Cf-250(n,3npa)Am-243	TALYS-6a	0	[8]	21
Cf-250(n,n'pd)Cm-247	TALYS-6a	0	[8]	21
Cf-250(n,n'ta)Am-243	TALYS-6a	0	[8]	28
Cf-250(n,2n2p)Cm-247	TALYS-6a	0	[8]	20
Cf-250(n,4n2p)Cm-245	TALYS-6a	0	[8]	12
Cf-250(n,4n2a)Pu-239	TALYS-6a	0	[8]	21
Cf-250(n,4npa)Am-242g	TALYS-6a	0		15
Cf-250(n,4npa)Am-242m	TALYS-6a	0		14
Cf-250(n,5n2p)Cm-244	TALYS-6a	0	[8]	10
Cf-251(n,2nd)Bk-248g	TALYS-6a	0	[4,8,7,8]	28
Cf-251(n,2nd)Bk-248m	TALYS-6a	0	[4,7,8,8]	27
Cf-251(n,2n)Cf-250	TALYS-5	0		60
Cf-251(n,3n)Cf-249	TALYS-5	0		38
Cf-251(n,f)	JEF-2.2	2	[13,4,10]	4589
Cf-251(n,n'a)Cm-247	TALYS-6a	0	[10]	100
Cf-251(n,2na)Cm-246	TALYS-6a	0	[10]	100
Cf-251(n,3na)Cm-245	TALYS-6a	0	[8]	37
Cf-251(n,n'p)Bk-250	TALYS-6a	0	[8]	44
Cf-251(n,2n2a)Pu-242	TALYS-6a	0	[10]	100
Cf-251(n,n'd)Bk-249	TALYS-6a	0	[8]	37
Cf-251(n,n't)Bk-248g	TALYS-6a	0	[4,8,7,8]	34
Cf-251(n,n't)Bk-248m	TALYS-6a	0	[4,7,8,8]	33
Cf-251(n,n'h)Cm-248	TALYS-6a	0	[8]	30
Cf-251(n,4n)Cf-248	TALYS-6a	0		29
Cf-251(n,2np)Bk-249	TALYS-6a	0	[8]	33
Cf-251(n,3np)Bk-248g	TALYS-6a	0	[4,8,7,8]	26
Cf-251(n,3np)Bk-248m	TALYS-6a	0	[4,7,8,8]	25
Cf-251(n,n'2p)Cm-249	TALYS-6a	0	[8]	25
Cf-251(n,n'pa)Am-246g	TALYS-6a	0	[4,8]	33
Cf-251(n,n'pa)Am-246m	TALYS-6a	0	[4,7,8,8]	32
Cf-251(n,g)Cf-252	JEF-2.2	2	[13]	4550
Cf-251(n,p)Bk-251	TALYS-6a	0	[2,8]	74
Cf-251(n,d)Bk-250	TALYS-6a	0	[8]	51
Cf-251(n,t)Bk-249	TALYS-6a	0	[8]	54
Cf-251(n,h)Cm-249	TALYS-6a	0	[8]	38
Cf-251(n,a)Cm-248	TALYS-6a	0	[2]	100
Cf-251(n,2p)Cm-250	TALYS-6a	0	[8]	29
Cf-251(n,pa)Am-247	TALYS-6a	0	[10]	100
Cf-251(n,pd)Cm-249	TALYS-6a	0	[8]	25
Cf-251(n,5n)Cf-247	TALYS-6a	0		22
Cf-251(n,6n)Cf-246	TALYS-6a	0		16
Cf-251(n,2nt)Bk-247	TALYS-6a	0	[8]	27
Cf-251(n,4np)Bk-247	TALYS-6a	0	[8]	19
Cf-251(n,3nd)Bk-247	TALYS-6a	0	[8]	21
Cf-251(n,n'da)Am-245	TALYS-6a	0	[8]	29
Cf-251(n,2npa)Am-245	TALYS-6a	0	[8]	27
Cf-251(n,5np)Bk-246	TALYS-6a	0	[8,15]	14
Cf-251(n,4na)Cm-244	TALYS-6a	0	[8]	28
Cf-251(n,5na)Cm-243	TALYS-6a	0	[8]	21
Cf-251(n,6na)Cm-242	TALYS-6a	0	[8]	15
Cf-251(n,7na)Cm-241	TALYS-6a	0	[8]	11
Cf-251(n,4nd)Bk-246	TALYS-6a	0	[8,15]	15
Cf-251(n,3nt)Bk-246	TALYS-6a	0	[8,15]	18
Cf-251(n,2nh)Cm-247	TALYS-6a	0	[8]	24
Cf-251(n,3nh)Cm-246	TALYS-6a	0	[8]	19
Cf-251(n,4nh)Cm-245	TALYS-6a	0	[8]	15
Cf-251(n,3n2p)Cm-247	TALYS-6a	0	[8]	15
Cf-251(n,3n2a)Pu-241	TALYS-6a	0	[10]	100
Cf-251(n,3npa)Am-244g	TALYS-6a	0		19
Cf-251(n,3npa)Am-244m	TALYS-6a	0		19
Cf-251(n,n'pd)Cm-248	TALYS-6a	0	[8]	22
Cf-251(n,n'ta)Am-244g	TALYS-6a	0		28
Cf-251(n,n'ta)Am-244m	TALYS-6a	0		27

Reaction	Library	Flag [Refs]	Value
Cf-251(n,2n2p)Cm-248	TALYS-6a	0 [8]	20
Cf-251(n,4n2p)Cm-246	TALYS-6a	0 [8]	13
Cf-251(n,4n2a)Pu-240	TALYS-6a	0 [8]	23
Cf-251(n,4npa)Am-243	TALYS-6a	0 [8]	15
Cf-251(n,5n2p)Cm-245	TALYS-6a	0 [8]	9
Cf-251(n,2nd)Bk-249	TALYS-6a	0 [8]	27
Cf-252(n,2n)Cf-251	TALYS-5	0	55
Cf-252(n,3n)Cf-250	TALYS-5	0	39
Cf-252(n,f)	JENDL-3.2	4 [13,4]	8512
Cf-252(n,n'a)Cm-248	TALYS-6a	0	100
Cf-252(n,2na)Cm-247	TALYS-6a	0	100
Cf-252(n,3na)Cm-246	TALYS-6a	0 [8]	38
Cf-252(n,n'p)Bk-251	TALYS-6a	0 [8]	43
Cf-252(n,n'd)Bk-250	TALYS-6a	0 [8]	34
Cf-252(n,n't)Bk-249	TALYS-6a	0 [8]	36
Cf-252(n,n'h)Cm-249	TALYS-6a	0 [8]	28
Cf-252(n,4n)Cf-249	TALYS-6a	0	29
Cf-252(n,2np)Bk-250	TALYS-6a	0 [8]	31
Cf-252(n,3np)Bk-249	TALYS-6a	0 [8]	25
Cf-252(n,n'2p)Cm-250	TALYS-6a	0 [8]	24
Cf-252(n,n'pa)Am-247	TALYS-6a	0 [8,7,8]	33
Cf-252(n,g)Cf-253	JENDL-3.3	4 [9,2,7]	9160
Cf-252(n,p)Bk-252	TALYS-6a	0 [2,8]	65
Cf-252(n,d)Bk-251	TALYS-6a	0 [8]	49
Cf-252(n,t)Bk-250	TALYS-6a	0 [8]	49
Cf-252(n,h)Cm-250	TALYS-6a	0 [8]	38
Cf-252(n,a)Cm-249	TALYS-6a	0 [2]	100
Cf-252(n,2a)Pu-245	TALYS-6a	0 [10]	100
Cf-252(n,2p)Cm-251	TALYS-6a	0 [8]	26
Cf-252(n,da)Am-247	TALYS-6a	0 [7]	100
Cf-252(n,5n)Cf-248	TALYS-6a	0	23
Cf-252(n,6n)Cf-247	TALYS-6a	0	16
Cf-252(n,2nt)Bk-248g	TALYS-6a	0 [4,8,7,8]	26
Cf-252(n,2nt)Bk-248m	TALYS-6a	0 [4,7,8,8]	25
Cf-252(n,4np)Bk-248g	TALYS-6a	0 [4,8,7,8]	19
Cf-252(n,4np)Bk-248m	TALYS-6a	0 [4,7,8,8]	18
Cf-252(n,3nd)Bk-248g	TALYS-6a	0 [4,8,7,8]	21
Cf-252(n,3nd)Bk-248m	TALYS-6a	0 [4,7,8,8]	20
Cf-252(n,n'da)Am-246g	TALYS-6a	0 [4,8]	27
Cf-252(n,n'da)Am-246m	TALYS-6a	0 [4,7,8,8]	26
Cf-252(n,2npa)Am-246g	TALYS-6a	0 [4,8]	24
Cf-252(n,2npa)Am-246m	TALYS-6a	0 [4,7,8,8]	23
Cf-252(n,5np)Bk-247	TALYS-6a	0 [8]	14
Cf-252(n,4na)Cm-245	TALYS-6a	0 [8]	28
Cf-252(n,5na)Cm-244	TALYS-6a	0 [8]	22
Cf-252(n,6na)Cm-243	TALYS-6a	0 [8]	15
Cf-252(n,7na)Cm-242	TALYS-6a	0 [8]	12
Cf-252(n,4nd)Bk-247	TALYS-6a	0 [8]	15
Cf-252(n,3nt)Bk-247	TALYS-6a	0 [8]	20
Cf-252(n,4nt)Bk-246	TALYS-6a	0 [8,15]	13
Cf-252(n,2nh)Cm-248	TALYS-6a	0 [8]	24
Cf-252(n,3nh)Cm-247	TALYS-6a	0 [8]	18
Cf-252(n,4nh)Cm-246	TALYS-6a	0 [8]	14
Cf-252(n,3n2p)Cm-248	TALYS-6a	0 [8]	15
Cf-252(n,3n2a)Pu-242	TALYS-6a	0	100
Cf-252(n,3npa)Am-245	TALYS-6a	0 [8]	19
Cf-252(n,n'ta)Am-245	TALYS-6a	0 [8]	28
Cf-252(n,2n2p)Cm-249	TALYS-6a	0 [8]	17
Cf-252(n,4n2p)Cm-247	TALYS-6a	0 [8]	12
Cf-252(n,4n2a)Pu-241	TALYS-6a	0 [8]	19
Cf-252(n,4npa)Am-244g	TALYS-6a	0	15
Cf-252(n,4npa)Am-244m	TALYS-6a	0	15
Cf-253(n,2nd)Bk-250	TALYS-6a	0 [8]	27
Cf-253(n,2n)Cf-252	TALYS-5	0 [4]	61
Cf-253(n,3n)Cf-251	TALYS-5	0	39
>Cf-253(n,f)	JEF-2.2(MDF)	2 [13,4,10,4]	13114
Cf-253(n,n'a)Cm-249	TALYS-6a	0 [10,8]	86
Cf-253(n,2na)Cm-248	TALYS-6a	0 [10]	100
Cf-253(n,3na)Cm-247	TALYS-6a	0 [8]	39
Cf-253(n,n'p)Bk-252	TALYS-6a	0 [8]	44
Cf-253(n,n'2a)Pu-245	TALYS-6a	0 [10]	100
Cf-253(n,n'd)Bk-251	TALYS-6a	0 [8]	36
Cf-253(n,n't)Bk-250	TALYS-6a	0 [8]	36
Cf-253(n,n'h)Cm-250	TALYS-6a	0 [8]	29
Cf-253(n,4n)Cf-250	TALYS-6a	0	30
Cf-253(n,2np)Bk-251	TALYS-6a	0 [8]	32
Cf-253(n,3np)Bk-250	TALYS-6a	0 [8]	25
Cf-253(n,n'2p)Cm-251	TALYS-6a	0 [8]	24
>Cf-253(n,g)Cf-254	KOPECKY-2000	2 [13,12]	149
Cf-253(n,p)Bk-253	TALYS-6a	0 [2,8,7,8]	69
Cf-253(n,d)Bk-252	TALYS-6a	0 [8]	45
Cf-253(n,t)Bk-251	TALYS-6a	0 [8]	54
Cf-253(n,h)Cm-251	TALYS-6a	0 [8]	33
Cf-253(n,a)Cm-250	TALYS-6a	0 [2]	100
Cf-253(n,5n)Cf-249	TALYS-6a	0	24
Cf-253(n,6n)Cf-248	TALYS-6a	0	18
Cf-253(n,2nt)Bk-249	TALYS-6a	0 [8]	28
Cf-253(n,4np)Bk-249	TALYS-6a	0 [8]	20
Cf-253(n,3nd)Bk-249	TALYS-6a	0 [8]	21
Cf-253(n,7n)Cf-247	TALYS-6a	0	14
Cf-253(n,5np)Bk-248g	TALYS-6a	0 [4,8,7,8]	15
Cf-253(n,5np)Bk-248m	TALYS-6a	0 [4,7,8,8]	14
Cf-253(n,4na)Cm-246	TALYS-6a	0 [8]	29
Cf-253(n,5na)Cm-245	TALYS-6a	0 [8]	23
Cf-253(n,6na)Cm-244	TALYS-6a	0 [8]	17
Cf-253(n,7na)Cm-243	TALYS-6a	0 [8]	12
Cf-253(n,4nd)Bk-248g	TALYS-6a	0 [4,8,7,8]	16
Cf-253(n,4nd)Bk-248m	TALYS-6a	0 [4,7,8,8]	15
Cf-253(n,3nt)Bk-248g	TALYS-6a	0 [4,8,7,8]	19
Cf-253(n,3nt)Bk-248m	TALYS-6a	0 [4,7,8,8]	18
Cf-253(n,4nt)Bk-247	TALYS-6a	0 [8]	15
Cf-253(n,2nh)Cm-249	TALYS-6a	0 [8]	22
Cf-253(n,3nh)Cm-248	TALYS-6a	0 [8]	18
Cf-253(n,4nh)Cm-247	TALYS-6a	0 [8]	14
Cf-253(n,3n2p)Cm-249	TALYS-6a	0 [8]	14
Cf-253(n,3n2a)Pu-243	TALYS-6a	0 [10]	100
Cf-253(n,3npa)Am-246g	TALYS-6a	0 [4,8]	19
Cf-253(n,3npa)Am-246m	TALYS-6a	0 [4,7,8,8]	18
Cf-253(n,n'ta)Am-246g	TALYS-6a	0 [4,8]	28
Cf-253(n,n'ta)Am-246m	TALYS-6a	0 [4,7,8,8]	27
Cf-253(n,2n2p)Cm-250	TALYS-6a	0 [8]	20
Cf-253(n,4n2p)Cm-248	TALYS-6a	0 [8]	12
Cf-253(n,4n2a)Pu-242	TALYS-6a	0 [8]	23
Cf-253(n,4npa)Am-245	TALYS-6a	0 [8]	15
Cf-254(n,2nd)Bk-251	TALYS-6a	0 [8]	27
Cf-254(n,2n)Cf-253	TALYS-5	0	55
Cf-254(n,3n)Cf-252	TALYS-5	0	40
Cf-254(n,f)	JENDL-3.1	0 [13,4]	667
Cf-254(n,n'a)Cm-250	TALYS-6a	0	100
Cf-254(n,2na)Cm-249	TALYS-6a	0	100
Cf-254(n,3na)Cm-248	TALYS-6a	0 [8]	38
Cf-254(n,n'p)Bk-253	TALYS-6a	0 [8,7,8]	43
Cf-254(n,2n2a)Pu-245	TALYS-6a	0	100
Cf-254(n,n'd)Bk-252	TALYS-6a	0 [8]	34
Cf-254(n,n't)Bk-251	TALYS-6a	0 [8]	35
Cf-254(n,n'h)Cm-251	TALYS-6a	0 [8]	28
Cf-254(n,4n)Cf-251	TALYS-6a	0	29
Cf-254(n,2np)Bk-252	TALYS-6a	0 [8]	31
Cf-254(n,3np)Bk-251	TALYS-6a	0 [8]	25
>Cf-254(n,g)Cf-255	TALYS-5a	2	100
Cf-254(n,p)Bk-254	TALYS-6a	0 [2,8,7,8]	61
Cf-254(n,d)Bk-253	TALYS-6a	0 [8,7,8]	44
Cf-254(n,t)Bk-252	TALYS-6a	0 [8]	44
Cf-254(n,a)Cm-251	TALYS-6a	0 [2]	100
Cf-254(n,5n)Cf-250	TALYS-6a	0	24
Cf-254(n,6n)Cf-249	TALYS-6a	0	18
Cf-254(n,2nt)Bk-250	TALYS-6a	0 [8]	27
Cf-254(n,4np)Bk-250	TALYS-6a	0 [8]	19
Cf-254(n,3nd)Bk-250	TALYS-6a	0 [8]	20
Cf-254(n,7n)Cf-248	TALYS-6a	0	14
Cf-254(n,5np)Bk-249	TALYS-6a	0 [8]	14
Cf-254(n,4na)Cm-247	TALYS-6a	0 [8]	29
Cf-254(n,5na)Cm-246	TALYS-6a	0 [8]	23
Cf-254(n,6na)Cm-245	TALYS-6a	0 [8]	16
Cf-254(n,7na)Cm-244	TALYS-6a	0 [8]	13
Cf-254(n,4nd)Bk-249	TALYS-6a	0 [8]	15
Cf-254(n,3nt)Bk-249	TALYS-6a	0 [8]	21
Cf-254(n,4nt)Bk-248g	TALYS-6a	0 [4,8,7,8]	14
Cf-254(n,4nt)Bk-248m	TALYS-6a	0 [4,7,8,8]	13
Cf-254(n,2nh)Cm-250	TALYS-6a	0 [8]	23
Cf-254(n,3nh)Cm-249	TALYS-6a	0 [8]	16
Cf-254(n,4nh)Cm-248	TALYS-6a	0 [8]	14
Cf-254(n,3n2p)Cm-250	TALYS-6a	0 [8]	15
Cf-254(n,3npa)Am-247	TALYS-6a	0 [8,7,8]	20
Cf-254(n,2n2p)Cm-251	TALYS-6a	0 [8]	19
Cf-254(n,4n2p)Cm-249	TALYS-6a	0 [8]	11
Cf-254(n,4n2a)Pu-243	TALYS-6a	0 [8]	17
Cf-254(n,4npa)Am-246g	TALYS-6a	0 [4,8]	15
Cf-254(n,4npa)Am-246m	TALYS-6a	0 [4,7,8,8]	14
Es-250(n,2nd)Cf-247	TALYS-6a	0 [8]	29
Es-250(n,2n)Es-249	TALYS-5	0 [8]	55
>Es-250(n,f)	TALYS-5a	0 [7,8,8,10,11]	107
Es-250(n,n'a)Bk-246	TALYS-6a	0	100
Es-250(n,2na)Bk-245	TALYS-6a	0	100
Es-250(n,n'p)Cf-249	TALYS-6a	0 [8]	57
Es-250(n,n'd)Cf-248	TALYS-6a	0 [8]	41
Es-250(n,n't)Cf-247	TALYS-6a	0 [8]	39
Es-250(n,n'h)Bk-247	TALYS-6a	0 [8]	31
Es-250(n,2np)Cf-248	TALYS-6a	0 [8]	38
Es-250(n,3np)Cf-247	TALYS-6a	0 [8]	27
Es-250(n,n'2p)Bk-248g	TALYS-6a	0 [4,8,7,8]	27
Es-250(n,n'2p)Bk-248m	TALYS-6a	0 [4,7,8,8]	26
Es-250(n,g)Es-251	TALYS-6a	0 [14]	100
Es-250(n,p)Cf-250	TALYS-6a	0 [2]	100
Es-250(n,d)Cf-249	TALYS-6a	0 [8]	63
Es-250(n,t)Cf-248	TALYS-6a	0 [8]	64
Es-250(n,h)Bk-248g	TALYS-6a	0 [4,8,7,8]	38
Es-250(n,h)Bk-248m	TALYS-6a	0 [4,7,8,8]	37
Es-250(n,a)Bk-247	TALYS-6a	0 [2]	100
Es-250(n,2p)Bk-249	TALYS-6a	0 [8]	35
Es-250(n,pa)Cm-246	TALYS-6a	0	100
Es-250(n,pd)Bk-248g	TALYS-6a	0 [4,8,7,8]	29
Es-250(n,pd)Bk-248m	TALYS-6a	0 [4,7,8,8]	28
Es-250(n,2nt)Cf-246	TALYS-6a	0 [8]	28
Es-250(n,2nh)Bk-246	TALYS-6a	0 [8]	24
Es-250(n,3npa)Cm-243	TALYS-6a	0 [8]	25
Es-251(n,2nd)Cf-248	TALYS-6a	0 [8]	29
Es-251(n,2n)Es-250g	TALYS-5	0	51
Es-251(n,2n)Es-250m	TALYS-5	0	51
Es-251(n,3n)Es-249	TALYS-5	0	36
Es-251(n,f)	TALYS-5a	0 [8,10]	98
Es-251(n,n'a)Bk-247	TALYS-6a	0	100
Es-251(n,2na)Bk-246	TALYS-6a	0 [8]	41
Es-251(n,3na)Bk-245	TALYS-6a	0 [8]	36
Es-251(n,n'p)Cf-250	TALYS-6a	0 [8]	56
Es-251(n,n'2a)Am-243	TALYS-6a	0	100
Es-251(n,2n2a)Am-242g	TALYS-6a	0	100
Es-251(n,2n2a)Am-242m	TALYS-6a	0	100
Es-251(n,n'd)Cf-249	TALYS-6a	0 [8]	38
Es-251(n,n't)Cf-248	TALYS-6a	0 [8]	39
Es-251(n,n'h)Bk-248g	TALYS-6a	0 [4,8,7,8]	30
Es-251(n,n'h)Bk-248m	TALYS-6a	0 [4,7,8,8]	29
Es-251(n,2np)Cf-249	TALYS-6a	0 [8]	35
Es-251(n,3np)Cf-248	TALYS-6a	0 [8]	27
Es-251(n,n'2p)Bk-249	TALYS-6a	0 [8]	26
Es-251(n,n'pa)Cm-246	TALYS-6a	0	100
Es-251(n,g)Es-252	NGAMMA	0 [14,7,13]	75
Es-251(n,p)Cf-251	TALYS-6a	0 [2]	100
Es-251(n,d)Cf-250	TALYS-6a	0 [8]	62
Es-251(n,t)Cf-249	TALYS-6a	0 [8]	58
Es-251(n,h)Bk-249	TALYS-6a	0 [8]	40
Es-251(n,a)Bk-248g	TALYS-6a	0 [4,2]	100
Es-251(n,a)Bk-248m	TALYS-6a	0 [4,7,2]	100
Es-251(n,2a)Am-244g	TALYS-6a	0 [10]	100
Es-251(n,2a)Am-244m	TALYS-6a	0 [10]	100
Es-251(n,2p)Bk-250	TALYS-6a	0 [8]	30
Es-251(n,pa)Cm-247	TALYS-6a	0	100

Es-251(n,pd)Bk-249	TALYS-6a	0 [8]	28	Es-253(n,t)Cf-251	TALYS-6a	0 [8]	58
Es-251(n,da)Cm-246	TALYS-6a	0	100	Es-253(n,h)Bk-251	TALYS-6a	0 [8]	38
Es-251(n,2nt)Cf-247	TALYS-6a	0 [8]	28	Es-253(n,a)Bk-250	TALYS-6a	0 [2]	100
Es-251(n,ta)Cm-245	TALYS-6a	0	100	Es-253(n,2p)Bk-252	TALYS-6a	0 [8]	27
Es-251(n,4np)Cf-247	TALYS-6a	0 [8]	19	Es-253(n,pa)Cm-249	TALYS-6a	0 [10]	100
Es-251(n,3nd)Cf-247	TALYS-6a	0 [8]	21	Es-253(n,da)Cm-248	TALYS-6a	0 [10]	100
Es-251(n,n'da)Cm-245	TALYS-6a	0 [8]	35	Es-253(n,5n)Es-249	TALYS-6a	0 [12]	22
Es-251(n,2npa)Cm-245	TALYS-6a	0 [8]	31	Es-253(n,2nt)Cf-249	TALYS-6a	0 [8]	29
Es-251(n,5np)Cf-246	TALYS-6a	0 [8]	14	Es-253(n,ta)Cm-247	TALYS-6a	0 [10]	100
Es-251(n,4na)Bk-244	TALYS-6a	0 [8]	26	Es-253(n,4np)Cf-249	TALYS-6a	0 [8]	20
Es-251(n,4nd)Cf-246	TALYS-6a	0 [8]	15	Es-253(n,3nd)Cf-249	TALYS-6a	0 [8]	22
Es-251(n,3nt)Cf-246	TALYS-6a	0 [8]	20	Es-253(n,n'da)Cm-247	TALYS-6a	0 [8]	34
Es-251(n,4nt)Cf-245	TALYS-6a	0 [8]	14	Es-253(n,2npa)Cm-247	TALYS-6a	0 [8]	31
Es-251(n,2nh)Bk-247	TALYS-6a	0 [8]	23	Es-253(n,5np)Cf-248	TALYS-6a	0 [8]	15
Es-251(n,3nh)Bk-246	TALYS-6a	0 [8]	16	Es-253(n,4na)Bk-246	TALYS-6a	0 [8,15]	28
Es-251(n,3n2p)Bk-247	TALYS-6a	0 [8]	14	Es-253(n,4nd)Cf-248	TALYS-6a	0 [8]	16
Es-251(n,3n2a)Am-241	TALYS-6a	0	100	Es-253(n,3nt)Cf-248	TALYS-6a	0 [8]	22
Es-251(n,3npa)Cm-244	TALYS-6a	0 [8]	26	Es-253(n,4nt)Cf-247	TALYS-6a	0 [8]	15
Es-251(n,n'pd)Bk-248g	TALYS-6a	0 [4,8,7,8]	22	Es-253(n,2nh)Bk-249	TALYS-6a	0 [8]	23
Es-251(n,n'pd)Bk-248m	TALYS-6a	0 [4,7,8,8]	21	Es-253(n,3nh)Bk-248g	TALYS-6a	0 [4,8,7,8]	17
Es-251(n,n'ta)Cm-244	TALYS-6a	0 [8]	36	Es-253(n,3nh)Bk-248m	TALYS-6a	0 [4,7,8,8]	16
Es-251(n,2n2p)Bk-248g	TALYS-6a	0 [4,8,7,8]	20	Es-253(n,4nh)Bk-247	TALYS-6a	0 [8]	13
Es-251(n,2n2p)Bk-248m	TALYS-6a	0 [4,7,8,8]	19	Es-253(n,3n2p)Bk-249	TALYS-6a	0 [8]	14
Es-251(n,ha)Am-245	TALYS-6a	0	100	Es-253(n,3n2a)Am-243	TALYS-6a	0 [10]	100
Es-251(n,4n2a)Am-240	TALYS-6a	0 [8]	26	Es-253(n,3npa)Cm-246	TALYS-6a	0 [8]	24
Es-251(n,4npa)Cm-243	TALYS-6a	0 [8]	17	Es-253(n,n'ta)Cm-246	TALYS-6a	0 [8]	32
Es-252(n,2nd)Cf-249	TALYS-6a	0 [8]	29	Es-253(n,2n2p)Bk-250	TALYS-6a	0 [8]	18
Es-252(n,2n)Es-251	TALYS-5	0	59	Es-253(n,4n2a)Am-242g	TALYS-6a	0	19
Es-252(n,3n)Es-250g	TALYS-5	0	37	Es-253(n,4n2a)Am-242m	TALYS-6a	0	22
Es-252(n,3n)Es-250m	TALYS-5	0	37	Es-253(n,4npa)Cm-245	TALYS-6a	0 [8]	17
Es-252(n,f)	TALYS-5a	0 [8,10]	98	Es-254(n,n')Es-254m	TALYS-6a	0	90
Es-252(n,n'a)Bk-248g	TALYS-6a	0 [4]	100	Es-254(n,2nd)Cf-251	TALYS-6a	0 [8]	29
Es-252(n,n'a)Bk-248m	TALYS-6a	0 [4,7]	100	Es-254(n,2n)Es-253	TALYS-5	0	60
Es-252(n,2na)Bk-247	TALYS-6a	0	100	Es-254(n,3n)Es-252	TALYS-5	0	39
Es-252(n,3na)Bk-246	TALYS-6a	0 [8,15]	37	Es-254(n,f)	JENDL-3.1	4 [13,4]	614
Es-252(n,n'p)Cf-251	TALYS-6a	0 [8]	53	Es-254(n,n'a)Bk-250	TALYS-6a	0 [10]	100
Es-252(n,n'2a)Am-244g	TALYS-6a	0	100	Es-254(n,2na)Bk-249	TALYS-6a	0 [10]	100
Es-252(n,n'2a)Am-244m	TALYS-6a	0	100	Es-254(n,3na)Bk-248g	TALYS-6a	0 [4,8,7,8]	37
Es-252(n,2n2a)Am-243	TALYS-6a	0	100	Es-254(n,3na)Bk-248m	TALYS-6a	0 [4,7,8,8]	36
Es-252(n,n'd)Cf-250	TALYS-6a	0 [8]	41	Es-254(n,n'p)Cf-253	TALYS-6a	0 [8]	50
Es-252(n,n't)Cf-249	TALYS-6a	0 [8]	40	Es-254(n,n'2a)Am-246g	TALYS-6a	0 [4]	100
Es-252(n,n'h)Bk-249	TALYS-6a	0 [8]	30	Es-254(n,n'2a)Am-246m	TALYS-6a	0 [4,7]	100
Es-252(n,4n)Es-249	TALYS-6a	0 [12]	28	Es-254(n,2n2a)Am-245	TALYS-6a	0 [10]	100
Es-252(n,2np)Cf-250	TALYS-6a	0 [8]	38	Es-254(n,n'd)Cf-252	TALYS-6a	0 [8]	40
Es-252(n,3np)Cf-249	TALYS-6a	0 [8]	27	Es-254(n,n't)Cf-251	TALYS-6a	0 [8]	40
Es-252(n,n'2p)Bk-250	TALYS-6a	0 [8]	26	Es-254(n,n'h)Bk-251	TALYS-6a	0 [8]	29
Es-252(n,n'pa)Cm-247	TALYS-6a	0	100	Es-254(n,4n)Es-251	TALYS-6a	0	30
Es-252(n,g)Es-253	NGAMMA	0 [14,7,13]	75	Es-254(n,2np)Cf-252	TALYS-6a	0 [8]	37
Es-252(n,p)Cf-252	TALYS-6a	2 [2,10]	100	Es-254(n,3np)Cf-251	TALYS-6a	0 [8]	27
Es-252(n,d)Cf-251	TALYS-6a	0 [8]	61	Es-254(n,n'2p)Bk-252	TALYS-6a	0 [8]	25
Es-252(n,t)Cf-250	TALYS-6a	0 [8]	64	Es-254(n,n'pa)Cm-249	TALYS-6a	0 [10]	100
Es-252(n,h)Bk-250	TALYS-6a	0 [8]	40	>Es-254(n,g)Es-255	TALYS-5a	2	100
Es-252(n,a)Bk-249	TALYS-6a	0 [2]	100	Es-254(n,p)Cf-254	TALYS-6a	0 [2]	100
Es-252(n,2a)Am-245	TALYS-6a	0 [10]	100	Es-254(n,d)Cf-253	TALYS-6a	0 [8]	59
Es-252(n,2p)Bk-251	TALYS-6a	0 [8]	30	Es-254(n,t)Cf-252	TALYS-6a	0 [8]	64
Es-252(n,pa)Cm-248	TALYS-6a	0	100	Es-254(n,h)Bk-252	TALYS-6a	0 [8]	34
Es-252(n,pd)Bk-250	TALYS-6a	0 [8]	27	Es-254(n,a)Bk-251	TALYS-6a	0 [2]	100
Es-252(n,da)Cm-247	TALYS-6a	0	100	Es-254(n,2a)Am-247	TALYS-6a	0 [10]	100
Es-252(n,2nt)Cf-248	TALYS-6a	0 [8]	29	Es-254(n,2p)Bk-253	TALYS-6a	0 [8,7,8]	27
Es-252(n,ta)Cm-246	TALYS-6a	0	100	Es-254(n,da)Cm-249	TALYS-6a	0 [10]	100
Es-252(n,4np)Cf-248	TALYS-6a	0 [8]	21	Es-254(n,5n)Es-250g	TALYS-6a	0 [4]	23
Es-252(n,3nd)Cf-248	TALYS-6a	0 [8]	23	Es-254(n,5n)Es-250m	TALYS-6a	0 [4,7,8]	23
Es-252(n,n'da)Cm-246	TALYS-6a	0 [8]	35	Es-254(n,6n)Es-249	TALYS-6a	0 [8,15]	16
Es-252(n,2npa)Cm-246	TALYS-6a	0 [8]	31	Es-254(n,2nt)Cf-250	TALYS-6a	0 [8]	30
Es-252(n,5np)Cf-247	TALYS-6a	0 [8]	15	Es-254(n,ta)Cm-248	TALYS-6a	0 [10]	100
Es-252(n,4na)Bk-245	TALYS-6a	0 [8]	28	Es-254(n,4np)Cf-250	TALYS-6a	0 [8]	22
Es-252(n,5na)Bk-244	TALYS-6a	0 [8]	21	Es-254(n,3nd)Cf-250	TALYS-6a	0 [8]	24
Es-252(n,4nd)Cf-247	TALYS-6a	0 [8]	16	Es-254(n,n'da)Cm-248	TALYS-6a	0 [8]	35
Es-252(n,3nt)Cf-247	TALYS-6a	0 [8]	21	Es-254(n,2npa)Cm-248	TALYS-6a	0 [8]	31
Es-252(n,4nt)Cf-246	TALYS-6a	0 [8]	15	Es-254(n,5np)Cf-249	TALYS-6a	0 [8]	15
Es-252(n,2nh)Bk-248g	TALYS-6a	0 [4,8,7,8]	24	Es-254(n,4na)Bk-247	TALYS-6a	0 [8]	29
Es-252(n,2nh)Bk-248m	TALYS-6a	0 [4,7,8,8]	23	Es-254(n,5na)Bk-246	TALYS-6a	0 [8,15]	22
Es-252(n,3nh)Bk-247	TALYS-6a	0 [8]	16	Es-254(n,4nd)Cf-249	TALYS-6a	0 [8]	16
Es-252(n,4nh)Bk-246	TALYS-6a	0 [8,15]	13	Es-254(n,3nt)Cf-249	TALYS-6a	0 [8]	22
Es-252(n,3n2p)Bk-248g	TALYS-6a	0 [4,8,7,8]	15	Es-254(n,4nt)Cf-248	TALYS-6a	0 [8]	16
Es-252(n,3n2p)Bk-248m	TALYS-6a	0 [4,7,8,8]	14	Es-254(n,2nh)Bk-250	TALYS-6a	0 [8]	23
Es-252(n,3n2a)Am-242g	TALYS-6a	0	100	Es-254(n,3nh)Bk-249	TALYS-6a	0 [8]	17
Es-252(n,3n2a)Am-242m	TALYS-6a	0	100	Es-254(n,4nh)Bk-248g	TALYS-6a	0 [4,8,7,8]	14
Es-252(n,3npa)Cm-245	TALYS-6a	0 [8]	25	Es-254(n,4nh)Bk-248m	TALYS-6a	0 [4,7,8,8]	13
Es-252(n,n'pd)Bk-249	TALYS-6a	0 [8]	21	Es-254(n,3n2p)Bk-250	TALYS-6a	0 [8]	14
Es-252(n,n'ta)Cm-245	TALYS-6a	0 [8]	35	Es-254(n,3n2a)Am-244g	TALYS-6a	0 [10]	100
Es-252(n,2n2p)Bk-249	TALYS-6a	0 [8]	19	Es-254(n,3n2a)Am-244m	TALYS-6a	0	100
Es-252(n,4n2a)Am-241	TALYS-6a	0 [8]	24	Es-254(n,3npa)Cm-247	TALYS-6a	0 [8]	25
Es-252(n,4npa)Cm-244	TALYS-6a	0 [8]	20	Es-254(n,n'ta)Cm-247	TALYS-6a	0 [8]	34
Es-253(n,2nd)Cf-250	TALYS-6a	0 [8]	30	Es-254(n,2n2p)Bk-251	TALYS-6a	0 [8]	18
Es-253(n,2n)Es-252	TALYS-5	0	54	Es-254(n,4n2a)Am-243	TALYS-6a	0 [8]	24
Es-253(n,3n)Es-251	TALYS-5	0	38	Es-254(n,4npa)Cm-246	TALYS-6a	0 [8]	17
Es-253(n,f)	TALYS-5a	0 [8,10]	98	Es-254m(n,n')Es-254g	TALYS-6a	0 [8,15,8]	98
Es-253(n,n'a)Bk-249	TALYS-6a	0 [10]	100	Es-254m(n,2n)Es-253	TALYS-5	0	60
Es-253(n,2na)Bk-248g	TALYS-6a	0 [7,4,8]	50	Es-254m(n,3n)Es-252	TALYS-5	0	39
Es-253(n,2na)Bk-248m	TALYS-6a	0 [7,4,7,8]	50	Es-254m(n,f)	JENDL-3.1	2 [13,12,12]	514
Es-253(n,3na)Bk-247	TALYS-6a	0 [8]	37	Es-254m(n,g)Es-255	KOPECKY-2000	2 [13,12]	119
Es-253(n,n'p)Cf-252	TALYS-6a	0 [8]	53	Es-254m(n,p)Cf-254	TALYS-6a	0 [2]	100
Es-253(n,n'2a)Am-245	TALYS-6a	0 [10]	100	Es-254m(n,a)Bk-251	TALYS-6a	0 [2]	100
Es-253(n,2n2a)Am-244g	TALYS-6a	0 [10]	100	Es-255(n,2nd)Cf-252	TALYS-6a	0 [8]	30
Es-253(n,2n2a)Am-244m	TALYS-6a	0	100	Es-255(n,2n)Es-254g	TALYS-5	0	56
Es-253(n,n'd)Cf-251	TALYS-6a	0 [8]	38	Es-255(n,2n)Es-254m	TALYS-5	0	55
Es-253(n,n't)Cf-250	TALYS-6a	0 [8]	40	Es-255(n,3n)Es-253	TALYS-5	0	39
Es-253(n,n'h)Bk-250	TALYS-6a	0 [8]	29	Es-255(n,f)	JENDL-3.1	0 [13,4]	718
Es-253(n,4n)Es-250g	TALYS-6a	0 [4]	28	Es-255(n,n'a)Bk-251	TALYS-6a	0 [10]	100
Es-253(n,4n)Es-250m	TALYS-6a	0 [4,7,8]	28	Es-255(n,2na)Bk-250	TALYS-6a	0 [10]	100
Es-253(n,2np)Cf-251	TALYS-6a	0 [8]	35	Es-255(n,3na)Bk-249	TALYS-6a	0 [8]	38
Es-253(n,3np)Cf-250	TALYS-6a	0 [8]	28	Es-255(n,n'p)Cf-254	TALYS-6a	0 [8]	51
Es-253(n,n'2p)Bk-251	TALYS-6a	0 [8]	24	Es-255(n,2n2a)Am-246g	TALYS-6a	0 [4,10]	100
Es-253(n,n'pa)Cm-248	TALYS-6a	0 [10]	100	Es-255(n,2n2a)Am-246m	TALYS-6a	0 [4,7]	100
Es-253(n,g)Es-254g	JEF-2.2(MDF)	2 [14,13,4,6]	8563	Es-255(n,n'd)Cf-253	TALYS-6a	0 [8]	38
Es-253(n,g)Es-254m	JEF-2.2(MDF)	2 [14,13,4,6]	8563	Es-255(n,n't)Cf-252	TALYS-6a	0 [8]	40
Es-253(n,p)Cf-253	TALYS-6a	0 [2]	100	Es-255(n,n'h)Bk-252	TALYS-6a	0 [8]	29
Es-253(n,d)Cf-252	TALYS-6a	0 [8]	61	Es-255(n,4n)Es-252	TALYS-6a	0	29

Reaction	Method		Ref	N
Es-255(n,2np)Cf-253	TALYS-6a	0	[8]	34
Es-255(n,3np)Cf-252	TALYS-6a	0	[8]	28
Es-255(n,n'2p)Bk-253	TALYS-6a	0	[8,7,8]	24
Es-255(n,g)Es-256g	JENDL-3.1	0	[13,4,6,12,4]	481
Es-255(n,g)Es-256m	JENDL-3.1	0	[13,4,6,12,4]	481
Es-255(n,p)Cf-255	TALYS-6a	0	[7,2]	100
Es-255(n,d)Cf-254	TALYS-6a	0	[8]	55
Es-255(n,t)Cf-253	TALYS-6a	0	[8]	58
Es-255(n,h)Bk-253	TALYS-6a	0	[8,7,8]	34
Es-255(n,a)Bk-252	TALYS-6a	0	[2]	100
Es-255(n,2p)Bk-254	TALYS-6a	0	[8,7,8]	26
Es-255(n,5n)Es-251	TALYS-6a	0		24
Es-255(n,6n)Es-250g	TALYS-6a	0	[4,8]	16
Es-255(n,6n)Es-250m	TALYS-6a	0	[4,7,8,8]	15
Es-255(n,2nt)Cf-251	TALYS-6a	0	[8]	29
Es-255(n,ta)Cm-249	TALYS-6a	0	[10]	100
Es-255(n,4np)Cf-251	TALYS-6a	0	[8]	21
Es-255(n,3nd)Cf-251	TALYS-6a	0	[8]	23
Es-255(n,7n)Es-249	TALYS-6a	0	[8,15]	12
Es-255(n,5np)Cf-250	TALYS-6a	0	[8]	16
Es-255(n,4na)Bk-248g	TALYS-6a	0	[4,8,7,8]	28
Es-255(n,4na)Bk-248m	TALYS-6a	0	[4,7,8,8]	27
Es-255(n,4nd)Cf-250	TALYS-6a	0	[8]	17
Es-255(n,3nt)Cf-250	TALYS-6a	0	[8]	23
Es-255(n,4nt)Cf-249	TALYS-6a	0	[8]	16
Es-255(n,2nh)Bk-251	TALYS-6a	0	[8]	22
Es-255(n,3nh)Bk-250	TALYS-6a	0	[8]	16
Es-255(n,4nh)Bk-249	TALYS-6a	0	[8]	13
Es-255(n,3n2a)Am-245	TALYS-6a	0	[10]	100
Es-255(n,3npa)Cm-248	TALYS-6a	0	[8]	25
Es-255(n,n'ta)Cm-248	TALYS-6a	0	[8]	33
Es-255(n,2n2p)Bk-252	TALYS-6a	0	[8]	18
Es-255(n,4n2a)Am-244g	TALYS-6a	0		21
Es-255(n,4n2a)Am-244m	TALYS-6a	0		15
Es-255(n,4npa)Cm-247	TALYS-6a	0	[8]	17
Es-256m(n,2nd)Cf-253	TALYS-6	0	[8,7,8]	29
Es-256m(n,2n)Es-255	TALYS-5	0	[7,8]	60
Es-256m(n,3n)Es-254g	TALYS-5	0	[7,8]	39
Es-256m(n,3n)Es-254m	TALYS-5	0	[7,8]	39
Es-256m(n,f)	TALYS-6	0	[8,8,10,10,11]	107
Es-256m(n,n'a)Bk-252	TALYS-6	0		100
Es-256m(n,2na)Bk-251	TALYS-6	0		100
Es-256m(n,3na)Bk-250	TALYS-6	0	[8,7,8]	38
Es-256m(n,n'p)Cf-255	TALYS-6	0	[8]	49
Es-256m(n,n'd)Cf-254	TALYS-6	0	[8,7,8]	41
Es-256m(n,n't)Cf-253	TALYS-6	0	[8,7,8]	40
Es-256m(n,4n)Es-253	TALYS-6	0		30
Es-256m(n,2np)Cf-254	TALYS-6	0	[8,7,8]	37
Es-256m(n,3np)Cf-253	TALYS-6	0	[8,7,8]	27
Es-256m(n,n'2p)Bk-254	TALYS-6	0	[8,7,8]	23
Es-256m(n,n'pa)Cm-251	TALYS-6	0		100
>Es-256m(n,g)Es-257	TALYS-6	0	[9,2,14,4]	100
Es-256m(n,d)Cf-255	TALYS-6	0	[8]	55
Es-256m(n,t)Cf-254	TALYS-6	0	[8,7,8]	61
Es-256m(n,h)Bk-254	TALYS-6	0	[8,7,8]	33
Es-256m(n,a)Bk-253	TALYS-6	0	[2]	100
Es-256m(n,pd)Bk-254	TALYS-6	0	[8,7,8]	26
Es-256m(n,da)Cm-251	TALYS-6	0		100
Es-256m(n,5n)Es-252	TALYS-6	0		24
Es-256m(n,2nt)Cf-252	TALYS-6	0	[8,7,8]	31
Es-257(n,2nd)Cf-254	TALYS-6a	0	[8]	29
Es-257(n,2n)Es-256g	TALYS-6a	0	[4,7,8]	56
Es-257(n,2n)Es-256m	TALYS-6a	0	[4,7,8]	56
Es-257(n,3n)Es-255	TALYS-6a	0		40
>Es-257(n,f)	TALYS-6a	0	[7,8,8,10,11]	107
Es-257(n,n'a)Bk-253	TALYS-6a	0	[7]	100
Es-257(n,2na)Bk-252	TALYS-6a	0		100
Es-257(n,n'd)Cf-255	TALYS-6a	0	[8,7,8]	37
Es-257(n,n't)Cf-254	TALYS-6a	0	[8]	38
Es-257(n,4n)Es-254g	TALYS-6a	0		30
Es-257(n,4n)Es-254m	TALYS-6a	0		30
Es-257(n,2np)Cf-255	TALYS-6a	0	[8,7,8]	33
Es-257(n,3np)Cf-254	TALYS-6a	0	[8]	27
Es-257(n,t)Cf-255	TALYS-6a	0	[8,7,8]	51
Es-257(n,a)Bk-254	TALYS-6a	0	[7,2]	100
Es-257(n,5n)Es-253	TALYS-6a	0		25
Es-257(n,ta)Cm-251	TALYS-6a	0	[7]	100
Es-257(n,n'da)Cm-251	TALYS-6a	0	[8]	30
Es-257(n,2npa)Cm-251	TALYS-6a	0	[8]	27
Fm-252(n,2n)Fm-251	TALYS-5	0		49
+Fm-252(n,3n)Fm-250g	TALYS-5	0		35
+Fm-252(n,3n)Fm-250m	TALYS-5	0	[7,8]	32
Fm-252(n,f)	TALYS-5a	0	[8,10]	97
Fm-252(n,n'a)Cf-248	TALYS-6a	0		100
Fm-252(n,2na)Cf-247	TALYS-6a	0		100
Fm-252(n,3na)Cf-246	TALYS-6a	0	[8]	36
Fm-252(n,n'p)Es-251	TALYS-6a	0	[8]	51
Fm-252(n,n'2a)Cm-244	TALYS-6a	0		100
Fm-252(n,2n2a)Cm-243	TALYS-6a	0		100
Fm-252(n,n'd)Es-250g	TALYS-6a	0	[4,8]	36
Fm-252(n,n'd)Es-250m	TALYS-6a	0	[4,7,8,8]	36
Fm-252(n,n'h)Cf-249	TALYS-6a	0	[8]	30
Fm-252(n,2np)Es-250g	TALYS-6a	0	[4,8]	33
Fm-252(n,2np)Es-250m	TALYS-6a	0	[4,7,8,8]	33
Fm-252(n,n'2p)Cf-250	TALYS-6a	0	[8]	27
Fm-252(n,n'pa)Bk-247	TALYS-6a	0		100
>Fm-252(n,g)Fm-253	TALYS-6a	0		100
Fm-252(n,p)Es-252	TALYS-6a	0	[2]	100
Fm-252(n,d)Es-251	TALYS-6a	0	[8]	56
Fm-252(n,t)Es-250g	TALYS-6a	0	[4,8]	49
Fm-252(n,t)Es-250m	TALYS-6a	0	[4,7,8,8]	49
Fm-252(n,h)Cf-250	TALYS-6a	0	[8]	43
Fm-252(n,a)Cf-249	TALYS-6a	0	[2]	100
Fm-252(n,2a)Cm-245	TALYS-6a	0	[10]	100
Fm-252(n,2p)Cf-251	TALYS-6a	0	[8]	33
Fm-252(n,pa)Bk-248g	TALYS-6a	0	[4]	100
Fm-252(n,pa)Bk-248m	TALYS-6a	0	[4,7]	100
Fm-252(n,pd)Cf-250	TALYS-6a	0		30
Fm-252(n,da)Bk-247	TALYS-6a	0		100
Fm-252(n,ta)Bk-246	TALYS-6a	0	[15]	100
Fm-252(n,n'da)Bk-246	TALYS-6a	0	[8,15]	32
Fm-252(n,2npa)Bk-246	TALYS-6a	0	[8,15]	30
Fm-252(n,4na)Cf-245	TALYS-6a	0	[8]	25
Fm-252(n,5na)Cf-244	TALYS-6a	0	[8]	19
Fm-252(n,2nh)Cf-248	TALYS-6a	0	[8]	25
Fm-252(n,3nh)Cf-247	TALYS-6a	0	[8]	16
Fm-252(n,4nh)Cf-246	TALYS-6a	0	[8]	13
Fm-252(n,3n2p)Cf-248	TALYS-6a	0	[8]	15
Fm-252(n,3n2a)Cm-242	TALYS-6a	0		100
Fm-252(n,n'pd)Cf-249	TALYS-6a	0	[8]	22
Fm-252(n,n'ta)Bk-245	TALYS-6a	0	[8]	31
Fm-252(n,2n2p)Cf-249	TALYS-6a	0	[8]	21
Fm-252(n,4n2a)Cm-241	TALYS-6a	0	[8]	25
Fm-253(n,2nd)Es-250g	TALYS-6a	0	[4,8]	28
Fm-253(n,2nd)Es-250m	TALYS-6a	0	[4,7,8,8]	28
Fm-253(n,2n)Fm-252	TALYS-5	0		58
Fm-253(n,3n)Fm-251	TALYS-5	0		36
Fm-253(n,f)	TALYS-5a	0	[8,10]	97
Fm-253(n,n'a)Cf-249	TALYS-6a	0	[10]	100
Fm-253(n,n'3a)Pu-241	TALYS-6a	0		100
Fm-253(n,2na)Cf-248	TALYS-6a	0		100
Fm-253(n,3na)Cf-247	TALYS-6a	0	[8]	37
Fm-253(n,n'p)Es-252	TALYS-6a	0	[8]	48
Fm-253(n,n'2a)Cm-245	TALYS-6a	0		100
Fm-253(n,2n2a)Cm-244	TALYS-6a	0		100
Fm-253(n,n'd)Es-251	TALYS-6a	0	[8]	38
Fm-253(n,n't)Es-250g	TALYS-6a	0	[4,8]	35
Fm-253(n,n't)Es-250m	TALYS-6a	0	[4,7,8,8]	35
Fm-253(n,n'h)Cf-250	TALYS-6a	0	[8]	32
+Fm-253(n,4n)Fm-250g	TALYS-6a	0	[4]	27
+Fm-253(n,4n)Fm-250m	TALYS-6a	0	[4,7,8]	25
Fm-253(n,2np)Es-251	TALYS-6a	0	[8]	36
Fm-253(n,3np)Es-250g	TALYS-6a	0	[4,8]	26
Fm-253(n,3np)Es-250m	TALYS-6a	0	[4,7,8,8]	26
Fm-253(n,n'2p)Cf-251	TALYS-6a	0	[8]	27
Fm-253(n,n'pa)Bk-248g	TALYS-6a	0	[4]	100
Fm-253(n,n'pa)Bk-248m	TALYS-6a	0	[4,7]	100
Fm-253(n,g)Fm-254	NGAMMA	0	[14,13]	75
Fm-253(n,p)Es-253	TALYS-6a	0	[2]	100
Fm-253(n,d)Es-252	TALYS-6a	0	[8]	56
Fm-253(n,t)Es-251	TALYS-6a	0	[8]	57
Fm-253(n,h)Cf-251	TALYS-6a	0	[8]	41
Fm-253(n,a)Cf-250	TALYS-6a	0	[2]	100
Fm-253(n,2a)Cm-246	TALYS-6a	0	[10]	100
Fm-253(n,2p)Cf-252	TALYS-6a	0	[8]	35
Fm-253(n,pa)Bk-249	TALYS-6a	0		100
Fm-253(n,pd)Cf-251	TALYS-6a	0	[8]	28
Fm-253(n,da)Bk-248g	TALYS-6a	0	[4]	100
Fm-253(n,da)Bk-248m	TALYS-6a	0	[4,7]	100
Fm-253(n,ta)Bk-247	TALYS-6a	0		100
Fm-253(n,n'da)Bk-247	TALYS-6a	0	[8]	36
Fm-253(n,2npa)Bk-247	TALYS-6a	0	[8]	33
Fm-253(n,4na)Cf-246	TALYS-6a	0	[8]	28
Fm-253(n,5na)Cf-245	TALYS-6a	0	[8]	19
Fm-253(n,6na)Cf-244	TALYS-6a	0	[8]	15
Fm-253(n,2nh)Cf-249	TALYS-6a	0	[8]	24
Fm-253(n,3nh)Cf-248	TALYS-6a	0	[8]	18
Fm-253(n,4nh)Cf-247	TALYS-6a	0	[8]	13
Fm-253(n,3n2p)Cf-249	TALYS-6a	0	[8]	15
Fm-253(n,3n2a)Cm-243	TALYS-6a	0		100
Fm-253(n,3npa)Bk-246	TALYS-6a	0	[8,15]	23
Fm-253(n,n'pd)Cf-250	TALYS-6a	0	[8]	24
Fm-253(n,n'ta)Bk-246	TALYS-6a	0	[8,15]	29
Fm-253(n,2n2p)Cf-250	TALYS-6a	0	[8]	22
Fm-253(n,4n2a)Cm-242	TALYS-6a	0	[8]	25
Fm-255(n,2nd)Es-252	TALYS-6a	0	[8]	28
Fm-255(n,2n)Fm-254	TALYS-5	0		60
Fm-255(n,3n)Fm-253	TALYS-5	0		38
Fm-255(n,f)	JENDL-3.1	2	[13,12]	492
Fm-255(n,n'a)Cf-251	TALYS-6a	0	[10]	100
Fm-255(n,2na)Cf-250	TALYS-6a	0	[10]	100
Fm-255(n,3na)Cf-249	TALYS-6a	0	[8]	39
Fm-255(n,n'p)Es-254g	TALYS-6a	0		46
Fm-255(n,n'p)Es-254m	TALYS-6a	0		45
Fm-255(n,n'2a)Cm-247	TALYS-6a	0	[10]	100
Fm-255(n,2n2a)Cm-246	TALYS-6a	0	[10]	100
Fm-255(n,n'd)Es-253	TALYS-6a	0	[8]	38
Fm-255(n,n't)Es-252	TALYS-6a	0	[8]	37
Fm-255(n,n'h)Cf-252	TALYS-6a	0	[8]	31
Fm-255(n,4n)Fm-252	TALYS-6a	0		29
Fm-255(n,2np)Es-253	TALYS-6a	0	[8]	34
Fm-255(n,3np)Es-252	TALYS-6a	0	[8]	26
Fm-255(n,n'2p)Cf-253	TALYS-6a	0	[8]	26
Fm-255(n,n'pa)Bk-250	TALYS-6a	0	[10]	100
Fm-255(n,g)Fm-256	JENDL-3.1	2	[13,12]	415
Fm-255(n,p)Es-255	TALYS-6a	0	[2]	100
Fm-255(n,d)Es-254g	TALYS-6a	0		54
Fm-255(n,d)Es-254m	TALYS-6a	0		54
Fm-255(n,t)Es-253	TALYS-6a	0	[8]	58
Fm-255(n,h)Cf-253	TALYS-6a	0	[8]	41
Fm-255(n,a)Cf-252	TALYS-6a	0	[2]	100
Fm-255(n,2a)Cm-248	TALYS-6a	0	[10]	100
Fm-255(n,2p)Cf-254	TALYS-6a	0	[8]	27
Fm-255(n,pa)Bk-251	TALYS-6a	0	[10]	100
Fm-255(n,da)Bk-250	TALYS-6a	0	[10]	100
Fm-255(n,5n)Fm-251	TALYS-6a	0		22
+Fm-255(n,6n)Fm-250g	TALYS-6a	0	[4]	16
+Fm-255(n,6n)Fm-250m	TALYS-6a	0	[4,7,8]	14
Fm-255(n,2nt)Es-251	TALYS-6a	0	[8]	28
Fm-255(n,ta)Bk-249	TALYS-6a	0	[10]	100
Fm-255(n,4np)Es-251	TALYS-6a	0	[8]	20
Fm-255(n,3nd)Es-251	TALYS-6a	0	[8]	22
Fm-255(n,n'da)Bk-249	TALYS-6a	0	[8]	35
Fm-255(n,2npa)Bk-249	TALYS-6a	0	[8]	31
Fm-255(n,5np)Es-250g	TALYS-6a	0	[4,8]	15
Fm-255(n,5np)Es-250m	TALYS-6a	0	[4,7,8,8]	15
Fm-255(n,4na)Cf-248	TALYS-6a	0	[8]	29
Fm-255(n,5na)Cf-247	TALYS-6a	0	[8]	21

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Fm-255(n,4nd)Es-250g    TALYS-6a    0 [4,8]         16
Fm-255(n,4nd)Es-250m    TALYS-6a    0 [4,7,8,8]     16
Fm-255(n,3nt)Es-250g    TALYS-6a    0 [4,8]         19
Fm-255(n,3nt)Es-250m    TALYS-6a    0 [4,7,8,8]     19
Fm-255(n,2nh)Cf-251     TALYS-6a    0 [8]           24
Fm-255(n,3nh)Cf-250     TALYS-6a    0 [8]           19
Fm-255(n,4nh)Cf-249     TALYS-6a    0 [8]           14
Fm-255(n,3n2p)Cf-251    TALYS-6a    0 [8]           15
Fm-255(n,3n2a)Cm-245    TALYS-6a    0 [10]          100
Fm-255(n,3npa)Bk-248g   TALYS-6a    0 [4,8,7,8]     25
Fm-255(n,3npa)Bk-248m   TALYS-6a    0 [4,7,8,8]     24
Fm-255(n,n'ta)Bk-248g   TALYS-6a    0 [4,8,7,8]     32
Fm-255(n,n'ta)Bk-248m   TALYS-6a    0 [4,7,8,8]     31
Fm-255(n,2n2p)Cf-252    TALYS-6a    0 [8]           20
Fm-255(n,ha)Cm-249      TALYS-6a    0 [10]          100
Fm-255(n,4n2a)Cm-244    TALYS-6a    0 [8]           28
Fm-257(n,2nd)Es-254g    TALYS-6a    0               28
Fm-257(n,2nd)Es-254m    TALYS-6a    0               27
Fm-257(n,2n)Fm-256      TALYS-5     0               61
Fm-257(n,3n)Fm-255      TALYS-5     0               39
Fm-257(n,f)             TALYS-5a    0 [12]          147
Fm-257(n,n'a)Cf-253     TALYS-6a    0 [10]          100
Fm-257(n,2na)Cf-252     TALYS-6a    0 [10]          100
Fm-257(n,3na)Cf-251     TALYS-6a    0 [8]           39
Fm-257(n,n'p)Es-256g    TALYS-6a    0 [4,8,7,8]     45
Fm-257(n,n'p)Es-256m    TALYS-6a    0 [4,7,8,8]     45
Fm-257(n,n'2a)Cm-249    TALYS-6a    0 [10]          100
Fm-257(n,2n2a)Cm-248    TALYS-6a    0 [10]          100
Fm-257(n,n'd)Es-255     TALYS-6a    0 [8,15]        37
Fm-257(n,n't)Es-254g    TALYS-6a    0               37
Fm-257(n,n't)Es-254m    TALYS-6a    0               36
Fm-257(n,n'h)Cf-254     TALYS-6a    0 [8]           31
Fm-257(n,4n)Fm-254      TALYS-6a    0               30
Fm-257(n,2np)Es-255     TALYS-6a    0 [8,15]        33
Fm-257(n,3np)Es-254g    TALYS-6a    0               26
Fm-257(n,3np)Es-254m    TALYS-6a    0               26
Fm-257(n,n'2p)Cf-255    TALYS-6a    0 [8,7,8]       25
Fm-257(n,n'pa)Bk-252    TALYS-6a    0 [10]          100
Fm-257(n,g)Fm-258       NGAMMA      0 [14,7,13]     75
Fm-257(n,p)Es-257       TALYS-6a    0 [2,8]         73
Fm-257(n,d)Es-256g      TALYS-6a    0 [4,8,7,8]     48
Fm-257(n,d)Es-256m      TALYS-6a    0 [4,7,8,8]     48
Fm-257(n,t)Es-255       TALYS-6a    0 [8,15]        53
Fm-257(n,h)Cf-255       TALYS-6a    0 [8,7,8]       35
Fm-257(n,a)Cf-254       TALYS-6a    0 [2]           100
Fm-257(n,pa)Bk-253      TALYS-6a    0 [15,10]       100
Fm-257(n,da)Bk-252      TALYS-6a    0 [10]          100
Fm-257(n,5n)Fm-253      TALYS-6a    0               23
Fm-257(n,6n)Fm-252      TALYS-6a    0               18
Fm-257(n,2nt)Es-253     TALYS-6a    0 [8]           28
Fm-257(n,ta)Bk-251      TALYS-6a    0 [10]          100
Fm-257(n,4np)Es-253     TALYS-6a    0 [8]           20
Fm-257(n,3nd)Es-253     TALYS-6a    0 [8]           21
Fm-257(n,n'da)Bk-251    TALYS-6a    0 [8]           31
Fm-257(n,2npa)Bk-251    TALYS-6a    0 [8]           29
Fm-257(n,7n)Fm-251      TALYS-6a    0 [8]           13
Fm-257(n,5np)Es-252     TALYS-6a    0 [8]           15
Fm-257(n,4na)Cf-250     TALYS-6a    0 [8]           30
Fm-257(n,5na)Cf-249     TALYS-6a    0 [8]           23
Fm-257(n,4nd)Es-252     TALYS-6a    0 [8]           16
Fm-257(n,3nt)Es-252     TALYS-6a    0 [8]           21
Fm-257(n,4nt)Es-251     TALYS-6a    0 [8]           15
Fm-257(n,2nh)Cf-253     TALYS-6a    0 [8]           23
Fm-257(n,3nh)Cf-252     TALYS-6a    0 [8]           18
Fm-257(n,4nh)Cf-251     TALYS-6a    0 [8]           13
Fm-257(n,3n2p)Cf-253    TALYS-6a    0 [8]           14
Fm-257(n,3n2a)Cm-247    TALYS-6a    0 [10]          100
Fm-257(n,3npa)Bk-250    TALYS-6a    0 [8]           24
Fm-257(n,n'ta)Bk-250    TALYS-6a    0 [8]           33
Fm-257(n,2n2p)Cf-254    TALYS-6a    0 [8]           20
Fm-257(n,4n2a)Cm-246    TALYS-6a    0 [8]           25
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Appendix 5: Index of EAF-2010 targets

A listing of all targets in the EAF-2010 cross section library is given in the list below. Stable targets are indicated, half-lives are listed for radioactive targets and ENDF-6 MAT numbers are shown.

Nuclide	ZAID	Half-life	MAT	Nuclide	ZAID	Half-life	MAT
H-1	1001	stable	125	Ca-42	20042	stable	2031
H-2	1002	stable	128	Ca-43	20043	stable	2034
H-3	1003	1.23E+01y	131	Ca-44	20044	stable	2037
He-3	2003	stable	225	Ca-45	20045	1.63E+02d	2040
He-4	2004	stable	228	Ca-46	20046	stable	2043
Li-6	3006	stable	325	Ca-47	20047	4.54E+00d	2046
Li-7	3007	stable	328	Ca-48	20048	5.30E+19y	2049
Be-7	4007	5.32E+01d	419	Sc-44m	21044	2.44E+00d	2123
Be-9	4009	stable	425	Sc-45	21045	stable	2125
Be-10	4010	1.60E+06y	428	Sc-46	21046	8.38E+01d	2128
B-10	5010	stable	525	Sc-47	21047	3.36E+00d	2131
B-11	5011	stable	528	Sc-48	21048	1.82E+00d	2134
C-12	6012	stable	625	Ti-44	22044	5.99E+01y	2219
C-13	6013	stable	628	Ti-45	22045	3.08E+00h	2222
C-14	6014	5.71E+03y	631	Ti-46	22046	stable	2225
N-14	7014	stable	725	Ti-47	22047	stable	2228
N-15	7015	stable	728	Ti-48	22048	stable	2231
O-16	8016	stable	825	Ti-49	22049	stable	2234
O-17	8017	stable	828	Ti-50	22050	stable	2237
O-18	8018	stable	831	V-48	23048	1.60E+01d	2319
F-19	9019	stable	925	V-49	23049	3.30E+02d	2322
Ne-20	10020	stable	1025	V-50	23050	1.40E+17y	2325
Ne-21	10021	stable	1028	V-51	23051	stable	2328
Ne-22	10022	stable	1031	Cr-48	24048	2.16E+01h	2419
Na-22	11022	2.60E+00y	1122	Cr-50	24050	1.80E+17y	2425
Na-23	11023	stable	1125	Cr-51	24051	2.77E+01d	2428
Na-24	11024	1.49E+01h	1128	Cr-52	24052	stable	2431
Mg-24	12024	stable	1225	Cr-53	24053	stable	2434
Mg-25	12025	stable	1228	Cr-54	24054	stable	2437
Mg-26	12026	stable	1231	Mn-52	25052	5.59E+00d	2516
Mg-28	12028	2.09E+01h	1237	Mn-53	25053	3.68E+06y	2519
Al-26	13026	7.17E+05y	1322	Mn-54	25054	3.12E+02d	2522
Al-27	13027	stable	1325	Mn-55	25055	stable	2525
Si-28	14028	stable	1425	Fe-52	26052	8.28E+00h	2619
Si-29	14029	stable	1428	Fe-54	26054	stable	2625
Si-30	14030	stable	1431	Fe-55	26055	2.74E+00y	2628
Si-31	14031	2.62E+00h	1434	Fe-56	26056	stable	2631
Si-32	14032	1.32E+02y	1437	Fe-57	26057	stable	2634
P-31	15031	stable	1525	Fe-58	26058	stable	2637
P-32	15032	1.42E+01d	1528	Fe-59	26059	4.44E+01d	2640
P-33	15033	2.53E+01d	1531	Fe-60	26060	1.50E+06y	2643
S-32	16032	stable	1625	Co-55	27055	1.75E+01h	2713
S-33	16033	stable	1628	Co-56	27056	7.73E+01d	2716
S-34	16034	stable	1631	Co-57	27057	2.72E+02d	2719
S-35	16035	8.73E+01d	1634	Co-58	27058	7.08E+01d	2722
S-36	16036	stable	1637	Co-58m	27058	8.89E+00h	2723
Cl-35	17035	stable	1725	Co-59	27059	stable	2725
Cl-36	17036	3.01E+05y	1728	Co-60	27060	5.26E+00y	2728
Cl-37	17037	stable	1731	Ni-56	28056	6.08E+00d	2819
Ar-36	18036	stable	1825	Ni-57	28057	1.49E+00d	2822
Ar-37	18037	3.51E+01d	1828	Ni-58	28058	7.01E+20y	2825
Ar-38	18038	stable	1831	Ni-59	28059	7.61E+04y	2828
Ar-39	18039	2.69E+02y	1834	Ni-60	28060	stable	2831
Ar-40	18040	stable	1837	Ni-61	28061	stable	2834
Ar-41	18041	1.83E+00h	1840	Ni-62	28062	stable	2837
Ar-42	18042	3.30E+01y	1843	Ni-63	28063	1.01E+02y	2840
K-39	19039	stable	1925	Ni-64	28064	stable	2843
K-40	19040	1.27E+09y	1928	Ni-66	28066	2.27E+00d	2849
K-41	19041	stable	1931	Cu-63	29063	stable	2925
K-42	19042	1.24E+01h	1934	Cu-64	29064	1.27E+01h	2928
K-43	19043	2.22E+01h	1937	Cu-65	29065	stable	2931
Ca-40	20040	stable	2025	Cu-67	29067	2.58E+00d	2937
Ca-41	20041	1.03E+05y	2028	Zn-62	30062	9.25E+00h	3019

Nuclide	ZAID	Half-life	MAT	Nuclide	ZAID	Half-life	MAT
Zn-64	30064	2.30E+18y	3025	Zr-89	40089	3.26E+00d	4022
Zn-65	30065	2.44E+02d	3028	Zr-90	40090	stable	4025
Zn-66	30066	stable	3031	Zr-91	40091	stable	4028
Zn-67	30067	stable	3034	Zr-92	40092	stable	4031
Zn-68	30068	stable	3037	Zr-93	40093	1.53E+06y	4034
Zn-69m	30069	1.38E+01h	3041	Zr-94	40094	5.99E+15y	4037
Zn-70	30070	stable	3043	Zr-95	40095	6.40E+01d	4040
Zn-72	30072	1.93E+00d	3049	Zr-96	40096	3.90E+19y	4043
Ga-66	31066	9.50E+00h	3116	Zr-97	40097	1.68E+01h	4046
Ga-67	31067	3.26E+00d	3119	Nb-90	41090	1.46E+01h	4116
Ga-69	31069	stable	3125	Nb-91	41091	6.82E+02y	4119
Ga-71	31071	stable	3131	Nb-91m	41091	6.09E+01d	4120
Ga-72	31072	1.41E+01h	3134	Nb-92	41092	3.49E+07y	4122
Ge-68	32068	2.71E+02d	3219	Nb-92m	41092	1.02E+01d	4123
Ge-69	32069	1.63E+00d	3222	Nb-93	41093	stable	4125
Ge-70	32070	stable	3225	Nb-93m	41093	1.61E+01y	4126
Ge-71	32071	1.14E+01d	3228	Nb-94	41094	2.00E+04y	4128
Ge-72	32072	stable	3231	Nb-95	41095	3.50E+01d	4131
Ge-73	32073	stable	3234	Nb-95m	41095	3.61E+00d	4132
Ge-74	32074	stable	3237	Nb-96	41096	2.34E+01h	4134
Ge-76	32076	1.58E+21y	3243	Mo-92	42092	1.90E+20y	4225
Ge-77	32077	1.13E+01h	3246	Mo-93	42093	4.00E+03y	4228
As-71	33071	2.72E+00d	3313	Mo-93m	42093	6.86E+00h	4229
As-72	33072	1.08E+00d	3316	Mo-94	42094	stable	4231
As-73	33073	8.03E+01d	3319	Mo-95	42095	stable	4234
As-74	33074	1.78E+01d	3322	Mo-96	42096	stable	4237
As-75	33075	stable	3325	Mo-97	42097	stable	4240
As-76	33076	1.09E+00d	3328	Mo-98	42098	1.00E+14y	4243
As-77	33077	1.62E+00d	3331	Mo-99	42099	2.74E+00d	4246
Se-72	34072	8.40E+00d	3419	Mo-100	42100	9.89E+18y	4249
Se-73	34073	7.14E+00h	3422	Tc-95	43095	2.00E+01h	4313
Se-74	34074	stable	3425	Tc-95m	43095	6.10E+01d	4314
Se-75	34075	1.19E+02d	3428	Tc-96	43096	4.28E+00d	4316
Se-76	34076	stable	3431	Tc-97	43097	2.60E+06y	4319
Se-77	34077	stable	3434	Tc-97m	43097	9.02E+01d	4320
Se-78	34078	stable	3437	Tc-98	43098	4.31E+06y	4322
Se-79	34079	3.77E+05y	3440	Tc-99	43099	2.14E+05y	4325
Se-80	34080	stable	3443	Tc-99m	43099	6.00E+00h	4326
Se-82	34082	1.21E+20y	3449	Ru-96	44096	6.69E+16y	4425
Br-76	35076	1.62E+01h	3516	Ru-97	44097	2.91E+00d	4428
Br-77	35077	2.37E+00d	3519	Ru-98	44098	stable	4431
Br-79	35079	stable	3525	Ru-99	44099	stable	4434
Br-81	35081	stable	3531	Ru-100	44100	stable	4437
Br-82	35082	1.47E+00d	3534	Ru-101	44101	stable	4440
Kr-76	36076	1.48E+01h	3619	Ru-102	44102	stable	4443
Kr-78	36078	1.10E+20y	3625	Ru-103	44103	3.92E+01d	4446
Kr-79	36079	1.46E+00d	3628	Ru-104	44104	stable	4449
Kr-80	36080	stable	3631	Ru-105	44105	4.44E+00h	4452
Kr-81	36081	2.10E+05y	3634	Ru-106	44106	1.02E+00y	4455
Kr-82	36082	stable	3637	Rh-99	45099	1.61E+01d	4513
Kr-83	36083	stable	3640	Rh-99m	45099	4.69E+00h	4514
Kr-84	36084	stable	3643	Rh-100	45100	2.08E+01h	4516
Kr-85	36085	1.07E+01y	3646	Rh-101	45101	3.20E+00y	4519
Kr-86	36086	stable	3649	Rh-101m	45101	4.35E+00d	4520
Rb-82m	37082	6.47E+00h	3717	Rh-102	45102	2.90E+00y	4522
Rb-83	37083	8.62E+01d	3719	Rh-102m	45102	2.08E+02d	4523
Rb-84	37084	3.34E+01d	3722	Rh-103	45103	stable	4525
Rb-85	37085	stable	3725	Rh-105	45105	1.47E+00d	4531
Rb-86	37086	1.86E+01d	3728	Pd-100	46100	3.63E+00d	4619
Rb-87	37087	4.82E+10y	3731	Pd-101	46101	8.47E+00h	4622
Sr-82	38082	2.56E+01d	3819	Pd-102	46102	stable	4625
Sr-83	38083	1.35E+00d	3822	Pd-103	46103	1.70E+01d	4628
Sr-84	38084	stable	3825	Pd-104	46104	stable	4631
Sr-85	38085	6.48E+01d	3828	Pd-105	46105	stable	4634
Sr-86	38086	stable	3831	Pd-106	46106	stable	4637
Sr-87	38087	stable	3834	Pd-107	46107	6.50E+06y	4640
Sr-88	38088	stable	3837	Pd-108	46108	stable	4643
Sr-89	38089	5.06E+01d	3840	Pd-109	46109	1.37E+01h	4646
Sr-90	38090	2.88E+01y	3843	Pd-110	46110	5.99E+17y	4649
Sr-91	38091	9.64E+00h	3846	Pd-112	46112	2.03E+01h	4655
Y-86	39086	1.48E+01h	3916	Ag-105	47105	4.13E+01d	4719
Y-87	39087	3.34E+00d	3919	Ag-106m	47106	8.46E+00d	4723
Y-87m	39087	1.34E+01h	3920	Ag-107	47107	stable	4725
Y-88	39088	1.07E+02d	3922	Ag-108m	47108	4.19E+02y	4729
Y-89	39089	stable	3925	Ag-109	47109	stable	4731
Y-90	39090	2.66E+00d	3928	Ag-110m	47110	2.50E+02d	4735
Y-91	39091	5.86E+01d	3931	Ag-111	47111	7.45E+00d	4737
Y-93	39093	1.02E+01h	3937	Cd-106	48106	6.60E+18y	4825
Zr-86	40086	1.65E+01h	4013	Cd-107	48107	6.53E+00h	4828
Zr-88	40088	8.30E+01d	4019	Cd-108	48108	4.09E+17y	4831

Nuclide	ZAID	Half-life	MAT	Nuclide	ZAID	Half-life	MAT
Cd-109	48109	1.27E+00y	4834	Xe-129	54129	stable	5440
Cd-110	48110	stable	4837	Xe-129m	54129	8.88E+00d	5441
Cd-111	48111	stable	4840	Xe-130	54130	stable	5443
Cd-112	48112	stable	4843	Xe-131	54131	stable	5446
Cd-113	48113	7.80E+15y	4846	Xe-131m	54131	1.19E+01d	5447
Cd-113m	48113	1.46E+01y	4847	Xe-132	54132	stable	5449
Cd-114	48114	5.99E+17y	4849	Xe-133	54133	5.24E+00d	5452
Cd-115	48115	2.22E+00d	4852	Xe-133m	54133	2.19E+00d	5453
Cd-115m	48115	4.44E+01d	4853	Xe-134	54134	1.10E+16y	5455
Cd-116	48116	3.39E+19y	4855	Xe-135	54135	9.14E+00h	5458
In-111	49111	2.80E+00d	4919	Xe-136	54136	2.10E+20y	5461
In-113	49113	stable	4925	Cs-127	55127	6.25E+00h	5507
In-114m	49114	5.00E+01d	4929	Cs-129	55129	1.34E+00d	5513
In-115	49115	4.41E+14y	4931	Cs-131	55131	9.69E+00d	5519
Sn-112	50112	stable	5025	Cs-132	55132	6.53E+00d	5522
Sn-113	50113	1.15E+02d	5028	Cs-133	55133	stable	5525
Sn-114	50114	stable	5031	Cs-134	55134	2.07E+00y	5528
Sn-115	50115	stable	5034	Cs-135	55135	2.30E+06y	5531
Sn-116	50116	stable	5037	Cs-136	55136	1.31E+01d	5534
Sn-117	50117	stable	5040	Cs-137	55137	3.01E+01y	5537
Sn-117m	50117	1.37E+01d	5041	Ba-128	56128	2.43E+00d	5619
Sn-118	50118	stable	5043	Ba-129	56129	2.38E+00h	5622
Sn-119	50119	stable	5046	Ba-130	56130	stable	5625
Sn-119m	50119	2.93E+02d	5047	Ba-131	56131	1.16E+01d	5628
Sn-120	50120	stable	5049	Ba-132	56132	stable	5631
Sn-121	50121	1.12E+00d	5052	Ba-133	56133	1.06E+01y	5634
Sn-121m	50121	4.41E+01y	5053	Ba-133m	56133	1.60E+00d	5635
Sn-122	50122	stable	5055	Ba-134	56134	stable	5637
Sn-123	50123	1.30E+02d	5058	Ba-135	56135	stable	5640
Sn-124	50124	1.00E+17y	5061	Ba-135m	56135	1.19E+00d	5641
Sn-125	50125	9.64E+00d	5064	Ba-136	56136	stable	5643
Sn-126	50126	2.30E+05y	5067	Ba-137	56137	stable	5646
Sb-119	51119	1.60E+00d	5119	Ba-138	56138	stable	5649
Sb-120m	51120	5.76E+00d	5123	Ba-139	56139	1.38E+00h	5652
Sb-121	51121	stable	5125	Ba-140	56140	1.27E+01d	5655
Sb-122	51122	2.70E+00d	5128	La-135	57135	1.95E+01h	5716
Sb-123	51123	stable	5131	La-137	57137	5.99E+04y	5722
Sb-124	51124	6.02E+01d	5134	La-138	57138	1.02E+11y	5725
Sb-125	51125	2.76E+00y	5137	La-139	57139	stable	5728
Sb-126	51126	1.24E+01d	5140	La-140	57140	1.68E+00d	5731
Sb-127	51127	3.85E+00d	5143	La-141	57141	3.92E+00h	5734
Sb-128	51128	9.00E+00h	5146	Ce-134	58134	3.16E+00d	5819
Te-118	52118	6.00E+00d	5219	Ce-135	58135	1.77E+01h	5822
Te-119	52119	1.61E+01h	5222	Ce-136	58136	7.01E+13y	5825
Te-119m	52119	4.70E+00d	5223	Ce-137	58137	9.00E+00h	5828
Te-120	52120	stable	5225	Ce-137m	58137	1.44E+00d	5829
Te-121	52121	1.92E+01d	5228	Ce-138	58138	stable	5831
Te-121m	52121	1.54E+02d	5229	Ce-139	58139	1.38E+02d	5834
Te-122	52122	stable	5231	Ce-140	58140	stable	5837
Te-123	52123	9.20E+16y	5234	Ce-141	58141	3.25E+01d	5840
Te-123m	52123	1.19E+02d	5235	Ce-142	58142	5.01E+16y	5843
Te-124	52124	stable	5237	Ce-143	58143	1.38E+00d	5846
Te-125	52125	stable	5240	Ce-144	58144	2.85E+02d	5849
Te-125m	52125	5.74E+01d	5241	Pr-141	59141	stable	5925
Te-126	52126	stable	5243	Pr-142	59142	1.91E+01h	5928
Te-127	52127	9.36E+00h	5246	Pr-143	59143	1.35E+01d	5931
Te-127m	52127	1.09E+02d	5247	Nd-140	60140	3.37E+00d	6019
Te-128	52128	2.20E+24y	5249	Nd-141	60141	2.49E+00h	6022
Te-129	52129	1.16E+00h	5252	Nd-142	60142	stable	6025
Te-129m	52129	3.36E+01d	5253	Nd-143	60143	stable	6028
Te-130	52130	7.90E+23y	5255	Nd-144	60144	2.29E+15y	6031
Te-131m	52131	1.25E+00d	5259	Nd-145	60145	stable	6034
Te-132	52132	3.21E+00d	5261	Nd-146	60146	stable	6037
I-123	53123	1.32E+01h	5313	Nd-147	60147	1.10E+01d	6040
I-124	53124	4.18E+00d	5316	Nd-148	60148	2.70E+18y	6043
I-125	53125	5.94E+01d	5319	Nd-149	60149	1.73E+00h	6046
I-126	53126	1.30E+01d	5322	Nd-150	60150	2.10E+19y	6049
I-127	53127	stable	5325	Pm-143	61143	2.66E+02d	6137
I-128	53128	4.17E-01s	5328	Pm-144	61144	3.63E+02d	6140
I-129	53129	1.61E+07y	5331	Pm-145	61145	1.77E+01y	6143
I-130	53130	1.24E+01h	5334	Pm-146	61146	5.55E+00y	6146
I-131	53131	8.02E+00d	5337	Pm-147	61147	2.63E+00y	6149
I-133	53133	2.08E+01h	5343	Pm-148	61148	5.37E+00d	6152
I-135	53135	6.58E+00h	5349	Pm-148m	61148	4.11E+01d	6153
Xe-122	54122	2.01E+01h	5419	Pm-149	61149	2.21E+00d	6155
Xe-124	54124	2.00E+14y	5425	Pm-150	61150	2.68E+00h	6158
Xe-125	54125	1.69E+01h	5428	Pm-151	61151	1.18E+00d	6161
Xe-126	54126	stable	5431	Sm-144	62144	stable	6225
Xe-127	54127	3.63E+01d	5434	Sm-145	62145	3.40E+02d	6228
Xe-128	54128	stable	5437	Sm-146	62146	1.00E+08y	6231

Nuclide	ZAID	Half-life	MAT	Nuclide	ZAID	Half-life	MAT
Sm-147	62147	1.06E+11y	6234	Er-167	68167	stable	6840
Sm-148	62148	7.01E+15y	6237	Er-168	68168	stable	6843
Sm-149	62149	2.00E+15y	6240	Er-169	68169	9.40E+00d	6846
Sm-150	62150	stable	6243	Er-170	68170	stable	6849
Sm-151	62151	9.01E+01y	6246	Er-171	68171	7.53E+00h	6852
Sm-152	62152	stable	6249	Er-172	68172	2.05E+00d	6855
Sm-153	62153	1.93E+00d	6252	Tm-165	69165	1.25E+00d	6913
Sm-154	62154	stable	6255	Tm-166	69166	7.69E+00h	6916
Sm-156	62156	9.39E+00h	6261	Tm-167	69167	9.25E+00d	6919
Eu-145	63145	5.93E+00d	6307	Tm-168	69168	9.31E+01d	6922
Eu-146	63146	4.59E+00d	6310	Tm-169	69169	stable	6925
Eu-147	63147	2.40E+01d	6313	Tm-170	69170	1.28E+02d	6928
Eu-148	63148	5.45E+01d	6316	Tm-171	69171	1.92E+00y	6931
Eu-149	63149	9.31E+01d	6319	Tm-172	69172	2.65E+00d	6934
Eu-150	63150	3.65E+01y	6322	Tm-173	69173	8.25E+00h	6937
Eu-150m	63150	1.28E+01h	6323	Yb-166	70166	2.36E+00d	7019
Eu-151	63151	stable	6325	Yb-168	70168	1.30E+14y	7025
Eu-152	63152	1.35E+01y	6328	Yb-169	70169	3.21E+01d	7028
Eu-152m	63152	9.28E+00h	6329	Yb-170	70170	stable	7031
Eu-153	63153	stable	6331	Yb-171	70171	stable	7034
Eu-154	63154	8.59E+00y	6334	Yb-172	70172	stable	7037
Eu-155	63155	4.76E+00y	6337	Yb-173	70173	stable	7040
Eu-156	63156	1.52E+01d	6340	Yb-174	70174	stable	7043
Eu-157	63157	1.52E+01h	6343	Yb-175	70175	4.19E+00d	7046
Gd-146	64146	4.83E+01d	6407	Yb-176	70176	stable	7049
Gd-147	64147	1.59E+00d	6410	Lu-169	71169	1.42E+00d	7107
Gd-148	64148	7.45E+01y	6413	Lu-170	71170	2.00E+00d	7110
Gd-149	64149	9.28E+00d	6416	Lu-171	71171	8.25E+00d	7113
Gd-150	64150	1.82E+06y	6419	Lu-172	71172	6.70E+00d	7116
Gd-151	64151	1.24E+02d	6422	Lu-173	71173	1.34E+00y	7119
Gd-152	64152	1.08E+14y	6425	Lu-174	71174	3.55E+00y	7122
Gd-153	64153	2.41E+02d	6428	Lu-174m	71174	1.42E+02d	7123
Gd-154	64154	stable	6431	Lu-175	71175	stable	7125
Gd-155	64155	stable	6434	Lu-176	71176	4.00E+10y	7128
Gd-156	64156	stable	6437	Lu-177	71177	6.64E+00d	7131
Gd-157	64157	stable	6440	Lu-177m	71177	1.60E+02d	7132
Gd-158	64158	stable	6443	Hf-170	72170	1.60E+01h	7213
Gd-159	64159	1.85E+01h	6446	Hf-171	72171	1.21E+01h	7216
Gd-160	64160	1.30E+17y	6449	Hf-172	72172	1.87E+00y	7219
Tb-151	65151	1.76E+01h	6501	Hf-173	72173	2.39E+01h	7222
Tb-152	65152	1.75E+01h	6504	Hf-174	72174	2.00E+15y	7225
Tb-153	65153	2.34E+00d	6507	Hf-175	72175	7.00E+01d	7228
Tb-154	65154	2.15E+01h	6510	Hf-176	72176	stable	7231
Tb-154m	65154	9.00E+00h	6511	Hf-177	72177	stable	7234
Tb-154n	65154	2.27E+01h	6512	Hf-178	72178	stable	7237
Tb-155	65155	5.32E+00d	6513	Hf-178n	72178	3.10E+01y	7239
Tb-156	65156	5.17E+00d	6516	Hf-179	72179	stable	7240
Tb-156m	65156	1.02E+00d	6517	Hf-179n	72179	2.51E+01d	7242
Tb-156n	65156	5.11E+00h	6518	Hf-180	72180	stable	7243
Tb-157	65157	9.89E+01y	6519	Hf-180m	72180	5.50E+00h	7244
Tb-158	65158	1.80E+02y	6522	Hf-181	72181	4.24E+01d	7246
Tb-159	65159	stable	6525	Hf-182	72182	9.01E+06y	7249
Tb-160	65160	7.23E+01d	6528	Ta-175	73175	1.05E+01h	7310
Tb-161	65161	6.89E+00d	6531	Ta-176	73176	8.08E+00h	7313
Dy-153	66153	6.39E+00h	6616	Ta-177	73177	2.35E+00d	7316
Dy-154	66154	3.00E+06y	6619	Ta-179	73179	1.61E+00y	7322
Dy-155	66155	9.89E+00h	6622	Ta-180	73180	8.08E+00h	7325
Dy-156	66156	1.00E+18y	6625	Ta-180m	73180	1.80E+15y	7326
Dy-157	66157	8.14E+00h	6628	Ta-181	73181	stable	7328
Dy-158	66158	stable	6631	Ta-182	73182	1.15E+02d	7331
Dy-159	66159	1.45E+02d	6634	Ta-183	73183	5.09E+00d	7334
Dy-160	66160	stable	6637	Ta-184	73184	8.69E+00h	7337
Dy-161	66161	stable	6640	W-178	74178	2.16E+01d	7419
Dy-162	66162	stable	6643	W-180	74180	stable	7425
Dy-163	66163	stable	6646	W-181	74181	1.22E+02d	7428
Dy-164	66164	stable	6649	W-182	74182	stable	7431
Dy-165	66165	2.33E+00h	6652	W-183	74183	1.10E+17y	7434
Dy-166	66166	3.40E+00d	6655	W-184	74184	4.00E+17y	7437
Ho-163	67163	4.57E+03y	6719	W-185	74185	7.51E+01d	7440
Ho-164	67164	4.78E-01s	6722	W-186	74186	5.90E+17y	7443
Ho-164m	67164	6.28E-01s	6723	W-187	74187	2.39E+01h	7446
Ho-165	67165	stable	6725	W-188	74188	6.98E+01d	7449
Ho-166	67166	1.12E+00d	6728	Re-181	75181	1.99E+01h	7513
Ho-166m	67166	1.20E+03y	6729	Re-182	75182	2.66E+00d	7516
Er-160	68160	1.19E+00d	6819	Re-182m	75182	1.27E+01h	7517
Er-161	68161	3.22E+00h	6822	Re-183	75183	7.00E+01d	7519
Er-162	68162	1.40E+14y	6825	Re-184	75184	3.54E+01d	7522
Er-164	68164	stable	6831	Re-184m	75184	1.68E+02d	7523
Er-165	68165	1.04E+01h	6834	Re-185	75185	stable	7525
Er-166	68166	stable	6837	Re-186	75186	3.75E+00d	7528

Nuclide	ZAID	Half-life	MAT	Nuclide	ZAID	Half-life	MAT
Re-186m	75186	2.00E+05y	7529	Pb-200	82200	2.15E+01h	8213
Re-187	75187	4.34E+10y	7531	Pb-201	82201	9.39E+00h	8216
Re-188	75188	1.70E+01h	7534	Pb-202	82202	5.30E+04y	8219
Re-189	75189	1.01E+00d	7537	Pb-203	82203	2.16E+00d	8222
Os-182	76182	2.21E+01h	7619	Pb-204	82204	1.40E+17y	8225
Os-183	76183	1.30E+01h	7622	Pb-205	82205	1.53E+07y	8228
Os-183m	76183	9.89E+00h	7623	Pb-206	82206	stable	8231
Os-184	76184	5.61E+13y	7625	Pb-207	82207	stable	8234
Os-185	76185	9.38E+01d	7628	Pb-208	82208	stable	8237
Os-186	76186	2.00E+15y	7631	Pb-209	82209	3.25E+00h	8240
Os-187	76187	stable	7634	Pb-210	82210	2.22E+01y	8243
Os-188	76188	stable	7637	Pb-212	82212	1.06E+01h	8249
Os-189	76189	stable	7640	Bi-203	83203	1.18E+01h	8307
Os-190	76190	stable	7643	Bi-204	83204	1.12E+01h	8310
Os-191	76191	1.53E+01d	7646	Bi-205	83205	1.53E+01d	8313
Os-191m	76191	1.31E+01h	7647	Bi-206	83206	6.24E+00d	8316
Os-192	76192	stable	7649	Bi-207	83207	3.17E+01y	8319
Os-193	76193	1.25E+00d	7652	Bi-208	83208	3.68E+05y	8322
Os-194	76194	5.99E+00y	7655	Bi-209	83209	1.90E+19y	8325
Ir-185	77185	1.39E+01h	7707	Bi-210	83210	5.01E+00d	8328
Ir-186	77186	1.66E+01h	7710	Bi-210m	83210	3.00E+06y	8329
Ir-187	77187	1.05E+01h	7713	Po-206	84206	8.80E+00d	8425
Ir-188	77188	1.72E+00d	7716	Po-207	84207	5.81E+00h	8428
Ir-189	77189	1.32E+01d	7719	Po-208	84208	2.93E+00y	8431
Ir-190	77190	1.20E+01d	7722	Po-209	84209	1.02E+02y	8434
Ir-191	77191	stable	7725	Po-210	84210	1.39E+02d	8437
Ir-192	77192	7.38E+01d	7728	At-210	85210	8.11E+00h	8546
Ir-192n	77192	2.41E+02y	7730	At-211	85211	7.22E+00h	8549
Ir-193	77193	stable	7731	Rn-211	86211	1.46E+01h	8625
Ir-193m	77193	1.05E+01d	7732	Rn-222	86222	3.82E+00d	8658
Ir-194	77194	1.93E+01h	7734	Ra-223	88223	1.14E+01d	8825
Ir-194n	77194	1.71E+02d	7736	Ra-224	88224	3.63E+00d	8828
Ir-196m	77196	1.40E+00h	7741	Ra-225	88225	1.48E+01d	8831
Pt-188	78188	1.02E+01d	7819	Ra-226	88226	1.60E+03y	8834
Pt-189	78189	1.09E+01h	7822	Ra-228	88228	5.74E+00y	8840
Pt-190	78190	6.50E+11y	7825	Ac-225	89225	1.00E+01d	8925
Pt-191	78191	2.80E+00d	7828	Ac-226	89226	1.20E+00d	8928
Pt-192	78192	stable	7831	Ac-227	89227	2.18E+01y	8931
Pt-193	78193	5.01E+01y	7834	Ac-228	89228	6.14E+00h	8934
Pt-193m	78193	4.34E+00d	7835	Th-227	90227	1.88E+01d	9025
Pt-194	78194	stable	7837	Th-228	90228	1.92E+00y	9028
Pt-195	78195	stable	7840	Th-229	90229	7.36E+03y	9031
Pt-195m	78195	4.02E+00d	7841	Th-230	90230	7.55E+04y	9034
Pt-196	78196	stable	7843	Th-231	90231	1.06E+00d	9037
Pt-197	78197	1.99E+01h	7846	Th-232	90232	1.40E+10y	9040
Pt-198	78198	stable	7849	Th-234	90234	2.41E+01d	9046
Pt-200	78200	1.25E+01h	7855	Pa-228	91228	2.20E+01h	9122
Pt-202	78202	1.83E+00d	7861	Pa-229	91229	1.50E+00d	9125
Au-193	79193	1.76E+01h	7913	Pa-230	91230	1.74E+01d	9128
Au-194	79194	1.59E+00d	7916	Pa-231	91231	3.27E+04y	9131
Au-195	79195	1.86E+02d	7919	Pa-232	91232	1.31E+00d	9134
Au-196	79196	6.18E+00d	7922	Pa-233	91233	2.70E+01d	9137
Au-196n	79196	9.61E+00h	7924	Pa-234	91234	6.78E+00h	9140
Au-197	79197	stable	7925	U-230	92230	2.08E+01d	9213
Au-198	79198	2.70E+00d	7928	U-231	92231	4.20E+00d	9216
Au-198m	79198	2.30E+00d	7929	U-232	92232	6.98E+01y	9219
Au-199	79199	3.14E+00d	7931	U-233	92233	1.60E+05y	9222
Au-200m	79200	1.87E+01h	7935	U-234	92234	2.46E+05y	9225
Hg-193	80193	3.81E+00h	8016	U-235	92235	7.04E+08y	9228
Hg-193m	80193	1.18E+01h	8017	U-236	92236	2.37E+07y	9231
Hg-194	80194	4.44E+02y	8019	U-237	92237	6.75E+00d	9234
Hg-195	80195	9.89E+00h	8022	U-238	92238	4.47E+09y	9237
Hg-195m	80195	1.74E+00d	8023	U-240	92240	1.41E+01h	9243
Hg-196	80196	2.50E+18y	8025	U-241	92241	8.33E-02s	9246
Hg-197	80197	2.70E+00d	8028	Np-234	93234	4.40E+00d	9337
Hg-197m	80197	2.39E+01h	8029	Np-235	93235	1.08E+00y	9340
Hg-198	80198	stable	8031	Np-236	93236	1.52E+05y	9343
Hg-199	80199	stable	8034	Np-236m	93236	2.25E+01h	9344
Hg-200	80200	stable	8037	Np-237	93237	2.14E+06y	9346
Hg-201	80201	stable	8040	Np-238	93238	2.12E+00d	9349
Hg-202	80202	stable	8043	Np-239	93239	2.35E+00d	9352
Hg-203	80203	4.66E+01d	8046	Pu-234	94234	8.81E+00h	9422
Hg-204	80204	stable	8049	Pu-236	94236	2.86E+00y	9428
Tl-199	81199	7.42E+00h	8113	Pu-237	94237	4.53E+01d	9431
Tl-200	81200	1.09E+00d	8116	Pu-238	94238	8.78E+01y	9434
Tl-201	81201	3.04E+00d	8119	Pu-239	94239	2.41E+04y	9437
Tl-202	81202	1.23E+01d	8122	Pu-240	94240	6.56E+03y	9440
Tl-203	81203	stable	8125	Pu-241	94241	1.43E+01y	9443
Tl-204	81204	3.81E+00y	8128	Pu-242	94242	3.74E+05y	9446
Tl-205	81205	stable	8131	Pu-243	94243	4.94E+00h	9449

Nuclide	ZAID	Half-life	MAT
Pu-244	94244	7.99E+07y	9452
Pu-245	94245	1.05E+01h	9455
Pu-246	94246	1.08E+01d	9458
Pu-247	94247	2.27E+00d	9461
Am-239	95239	1.19E+01h	9537
Am-240	95240	2.12E+00d	9540
Am-241	95241	4.34E+02y	9543
Am-242	95242	1.60E+01h	9546
Am-242m	95242	1.41E+02y	9547
Am-243	95243	7.36E+03y	9549
Am-244	95244	1.01E+01h	9552
Cm-240	96240	2.70E+01d	9625
Cm-241	96241	3.28E+01d	9628
Cm-242	96242	1.63E+02d	9631
Cm-243	96243	3.00E+01y	9634
Cm-244	96244	1.80E+01y	9637
Cm-245	96245	8.50E+03y	9640
Cm-246	96246	4.72E+03y	9643
Cm-247	96247	1.60E+07y	9646
Cm-248	96248	3.39E+05y	9649
Cm-249	96249	1.07E+00h	9652
Cm-250	96250	7.99E+03y	9655
Bk-245	97245	4.94E+00d	9740
Bk-246	97246	1.81E+00d	9743
Bk-247	97247	1.38E+03y	9746
Bk-248	97248	9.01E+00y	9749
Bk-248m	97248	2.37E+01h	9750
Bk-249	97249	3.19E+02d	9752
Bk-250	97250	3.22E+00h	9755
Cf-246	98246	1.49E+00d	9843
Cf-248	98248	3.33E+02d	9849
Cf-249	98249	3.52E+02y	9852
Cf-250	98250	1.31E+01y	9855
Cf-251	98251	8.97E+02y	9858
Cf-252	98252	2.65E+00y	9861
Cf-253	98253	1.78E+01d	9864
Cf-254	98254	6.05E+01d	9867
Es-250	99250	8.61E+00h	9910
Es-251	99251	1.38E+00d	9911
Es-252	99252	1.29E+00y	9912
Es-253	99253	2.05E+01d	9913
Es-254	99254	2.75E+02d	9914
Es-254m	99254	1.64E+00d	9915
Es-255	99255	3.98E+01d	9916
Es-256m	99256	7.61E+00h	9917
Es-257	99257	7.70E+00d	9918
Fm-252	100252	1.06E+00d	9933
Fm-253	100253	3.00E+00d	9934
Fm-255	100255	2.01E+01h	9936
Fm-257	100257	1.00E+02d	9938