ENDF/B-VII.1 TH-228
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic
- gamma production
ENDF/B-VII.1 TH-228
resonance total cross section

Energy (MeV)

Cross section (barns)

$10^{-5}$

$10^{-4}$

$10^{-3}$

$10^{-2}$

$10^{2}$

$10^{3}$

$10^{4}$

$10^{5}$

$10^{6}$

$10^{-6}$

total
ENDF/B-VII.1 TH-228
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VII.1 TH-228
resonance absorption cross sections

- Capture
- Fission
ENDF/B-VII.1 TH-228
UR total cross section

Cross section (barns)

Energy (MeV)

Inf. Dil.
100 b
1 b
ENDF/B-VII.1 TH-228
UR fission cross section

Energy (MeV)

Cross section (barns)

Inf. Dil.
100 b
1 b

10^{-5}  10^{-4}  10^{-3}  10^{-2}  10^{-1}
ENDF/B-VII.1 TH-228
UR capture cross section

Energy (MeV)

Cross section (barns)

Inf. Dil.
100 b
1 b
ENDF/B-VII.1 TH-228
Damage

![Graph showing damage as a function of energy (MeV) on a logarithmic scale. The x-axis represents energy in MeV, ranging from $10^{-11}$ to $10^1$, and the y-axis represents damage in MeV-barns, ranging from $10^{-5}$ to $10^1$. The graph displays multiple peaks and valleys, indicating significant changes in damage across different energy levels.]
ENDF/B-VII.1 TH-228
Non-threshold reactions

Energy (MeV)

Cross section (barns)

- fission
- (n,gma)
ENDF/B-VII.1 TH-228
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic
- gamma production

Energy (MeV)
ENDF/B-VII.1 TH-228
Heating

![Graph showing Heating (MeV/reaction) vs. Energy (MeV).]
ENDF/B-VII.1 TH-228
Damage

Damage (MeV-barns) vs. Energy (MeV)
ENDF/B-VII.1 TH-228
Inelastic levels

Cross section (barns) vs. Energy (MeV)

- (n,n*1)
- (n,n*2)
- (n,n*3)
- (n,n*4)
- (n,n*5)
ENDF/B-VII.1 TH-228
Inelastic levels

Energy (MeV)

Cross section (barns)

(n,n*21)
(n,n*22)
(n,n*23)
(n,n*24)
(n,n*25)
ENDF/B-VII.1 TH-228
Threshold reactions

Energy (MeV)

Cross section (barns)

- (n,2n)
- (n,3n)
- (n,n^c)
ENDF/B-VII.1 TH-228
angular distribution for elastic
ENDF/B-VII.1 TH-228
angular distribution for (n,n*1)
ENDF/B-VII.1 TH-228
angular distribution for (n,n*3)
ENDF/B-VII.1 TH-228
angular distribution for \( (n,n^*4) \)
ENDF/B-VII.1 TH-228
angular distribution for (n,n*5)
ENDF/B-VII.1 TH-228
angular distribution for (n,n*8)
ENDF/B-VII.1 TH-228
angular distribution for (n,n*9)
ENDF/B-VII.1 TH-228
angular distribution for (n,n*10)
ENDF/B-VII.1 TH-228 angular distribution for (n,n^*11)
ENDF/B-VII.1 TH-228
angular distribution for (n,n*12)
ENDF/B-VII.1 TH-228
angular distribution for (n,n*14)
ENDF/B-VII.1 TH-228
angular distribution for \((n,n'15)\)
ENDF/B-VII.1 TH-228
angular distribution for (n,n*16)
ENDF/B-VII.1 TH-228
angular distribution for (n,n*17)
ENDF/B-VII.1 TH-228
angular distribution for (n,n*18)
ENDF/B-VII.1 TH-228
angular distribution for (n,n*19)
ENDF/B-VII.1 TH-228
angular distribution for (n,n*20)
ENDF/B-VII.1 TH-228
angular distribution for \((n,n^*21)\)
ENDF/B-VII.1 TH-228
angular distribution for (n,n*22)
ENDF/B-VII.1 TH-228
angular distribution for (n,n*23)
ENDF/B-VII.1 TH-228
angular distribution for (n,n*24)
ENDF/B-VII.1 TH-228
angular distribution for (n,n*25)
ENDF/B-VII.1 TH-228
angular distribution for (n,n*26)
ENDF/B-VII.1 TH-228
angular distribution for \((n,n^*27)\)
ENDF/B-VII.1 TH-228
angular distribution for (n,n*28)
ENDF/B-VII.1 TH-228
Neutron emission for (n,2n)
ENDF/B-VII.1 TH-228
Neutron emission for (n,3n)
ENDF/B-VII.1 TH-228
Neutron emission for fission
ENDF/B-VII.1 TH-228
Neutron emission for (n,n*c)
ENDORF/B-VII.1 TH-228
Photon emission for fission
ENDF/B-VII.1 TH-228
Photon emission for (n,2n)
ENDF/B-VII.1 TH-228
Photon emission for (n,3n)
ENDF/B-VII.1 TH-228
Photon emission for (n,n*1)
ENDF/B-VII.1 TH-228
Photon emission for (n,n*2)
ENDF/B-VII.1 TH-228
Photon emission for (n,n*3)
ENDF/B-VII.1 TH-228
Photon emission for (n,n*4)
ENDF/B-VII.1 TH-228
Photon emission for (n,n*5)
ENDF/B-VII.1 TH-228
Photon emission for (n,n*7)
ENDF/B-VII.1 TH-228
Photon emission for (n,n*8)
ENDF/B-VII.1 TH-228
Photon emission for \((n,n^*9)\)
ENDF/B-VII.1 TH-228
Photon emission for \((n,n^{*}10)\)
ENDF/B-VII.1 TH-228
Photon emission for (n,n*11)
ENDF/B-VII.1 TH-228
Photon emission for (n,n*12)
ENDF/B-VII.1 TH-228
Photon emission for \( (n,n^*13) \)
ENDF/B-VII.1 TH-228
Photon emission for (n,n'*14)
ENDF/B-VII.1 TH-228
Photon emission for \((n,n^*15)\)
ENDF/B-VII.1 TH-228
Photon emission for (n,n\textsuperscript{*}16)
ENDF/B-VII.1 TH-228
Photon emission for (n,n*18)
ENDF/B-VII.1 TH-228
Photon emission for \((n,n^*19)\)
ENDF/B-VII.1 TH-228
Photon emission for (n,n*20)
ENDF/B-VII.1 TH-228
Photon emission for (n,n*21)
ENDF/B-VII.1 TH-228
Photon emission for (n,n*22)
ENDF/B-VII.1 TH-228
Photon emission for \( (n,n^{*23}) \)
ENDF/B-VII.1 TH-228
Photon emission for (n,n*24)
ENDF/B-VII.1 TH-228
Photon emission for \( (n,n^*25) \)
ENDF/B-VII.1 TH-228
Photon emission for (n,n*26)
ENDF/B-VII.1 TH-228
Photon emission for (n,n*27)
ENDF/B-VII.1 TH-228
Photon emission for (n,n*28)
ENDF/B-VII.1 TH-228
Photon emission for \((n,n^*29)\)
ENDF/B-VII.1 TH-228
Photon emission for (n,n*c)
ENDF/B-VII.1 TH-228
Photon emission for (n,gma)
ENDF/B-VII.1 TH-228 thermal capture photon spectrum
ENDF/B-VII.1 TH-228
14 MeV photon spectrum