ENDF/B-VII.1 TC-99
resonance total cross section

Energy (MeV) vs. Cross section (barns) graph
ENDF/B-VII.1 TC-99
resonance total cross section
ENDF/B-VII.1 TC-99 resonance total cross section

- Energy (MeV)
- Cross section (barns)

Graph showing the resonance total cross section for TC-99 as a function of energy (MeV). The graph is on a logarithmic scale for both axes, with energy ranging from $10^{-4}$ to $10^{-3}$ MeV and cross section ranging from $10^{-3}$ to $10^3$ barns.
ENDF/B-VII.1 TC-99
resonance total cross section

![Graph showing resonance total cross section for ENDF/B-VII.1 TC-99. The graph displays the cross section in barns against energy in MeV on a log-log scale. The cross section data shows a complex pattern with resonances.]
ENDF/B-VII.1 TC-99 resonance absorption cross sections

Cross section (barns) vs. Energy (MeV) for capture.
ENDF/B-VII.1 TC-99
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VII.1 TC-99 resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VII.1 TC-99 resonance absorption cross sections
ENDF/B-VII.1 TC-99
UR total cross section

Energy (MeV)

Cross section (barns)

- Inf. Dil.
- 100 b
- 1 b

Energy (MeV)
ENDF/B-VII.1 TC-99
UR elastic cross section

Cross section (barns)

Energy (MeV)

Inf. Dil. 100 b 1 b
ENDF/B-VII.1 TC-99 Damage

Damage

Energy (MeV)

Damage (MeV-barns)
ENDF/B-VII.1 TC-99
Non-threshold reactions
ENDF/B-VII.1 TC-99 Damage

Energy (MeV) vs. Damage (MeV-barns) graph.
ENDF/B-VII.1 TC-99
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n, gma)
ENDF/B-VII.1 TC-99
Inelastic levels

Cross section (barns) vs. Energy (MeV)

- (n,n*21)
- (n,n*22)
- (n,n*23)
- (n,n*24)
- (n,n*25)
ENDF/B-VII.1 TC-99
Threshold reactions

Cross section (barns)

Energy (MeV)
ENDF/B-VII.1 TC-99
Threshold reactions

Energy (MeV)

Cross section (barns)

- (n,2np)
- (n,n°c)
- (n,p)
- (n,a)
ENDF/B-VII.1 TC-99
Threshold reactions

Energy (MeV)

Cross section (barns)

- (n,xp)
- (n,xa)
- (n,p*0)
- (n,p*1)
- (n,p*2)
ENDF/B-VII.1 TC-99
Threshold reactions

Cross section (barns)

Energy (MeV)

*10^{-3}
ENDF/B-VII.1 TC-99
Threshold reactions

Energy (MeV) vs. Cross section (barns)

- (n,a*7)
- (n,a*8)
- (n,a*9)
- (n,a*c)
ENDF/B-VII.1 TC-99
angular distribution for elastic

Prob/Cos

10^1

10^-1

10^-3

Cosine

Energy (MeV)

1.0 0.5 0.0 -0.5 -1.0 0 5 10 15 20
ENDF/B-VII.1 TC-99
angular distribution for (n, n*1)
ENDF/B-VII.1 TC-99
angular distribution for \((n,n^*2)\)
ENDF/B-VII.1 TC-99
angular distribution for \((n,n^*3)\)
ENDF/B-VII.1 TC-99 angular distribution for (n,n*4)
ENDF/B-VII.1 TC-99
angular distribution for (n,n*5)
ENDF/B-VII.1 TC-99
angular distribution for (n,n*6)
ENDF/B-VII.1 TC-99
angular distribution for (n,n*9)
ENDF/B-VII.1 TC-99
angular distribution for (n,n*10)
ENDF/B-VII.1 TC-99
angular distribution for (n,n*11)
ENDF/B-VII.1 TC-99
angular distribution for (n,n*12)
ENDF/B-VII.1 TC-99
angular distribution for (n,n*13)
ENDF/B-VII.1 TC-99
angular distribution for (n,n*14)
ENDF/B-VII.1 TC-99 angular distribution for (n,n*15)
ENDF/B-VII.1 TC-99
angular distribution for (n,n*16)
ENDF/B-VII.1 TC-99
angular distribution for (n,n*17)
ENDF/B-VII.1 TC-99
angular distribution for (n,n*18)
ENDF/B-VII.1 TC-99
angular distribution for (n,n*19)
ENDF/B-VII.1 TC-99
angular distribution for (n,n^*20)
ENDF/B-VII.1 TC-99
angular distribution for (n,n*21)
ENDF/B-VII.1 TC-99
angular distribution for (n,n*22)
ENDF/B-VII.1 TC-99
angular distribution for (n,n*23)
ENDF/B-VII.1 TC-99
angular distribution for (n,n*24)
ENDF/B-VII.1 TC-99
angular distribution for (n,n*25)
ENDF/B-VII.1 TC-99
angular distribution for (n,n*26)
ENDF/B-VII.1 TC-99
angular distribution for (n,n*27)
ENDF/B-VII.1 TC-99
Neutron emission for (n,2n)
ENDF/B-VII.1 TC-99
Neutron emission for (n,3n)
ENDF/B-VII.1 TC-99
Neutron emission for \((n, n^*)a\)
ENDF/B-VII.1 TC-99
Neutron emission for (n,2n)a
ENDF/B-VII.1 TC-99
Neutron emission for \((n,n^*)p\)
ENDF/B-VII.1 TC-99
Neutron emission for (n,2np)
ENDF/B-VII.1 TC-99
Neutron emission for \((n,n^*c)\)
ENDF/B-VII.1 TC-99
Photon emission for (n,2n)
ENDF/B-VII.1 TC-99
Photon emission for (n,3n)
ENDF/B-VII.1 TC-99
Photon emission for (n,n*)a
ENDF/B-VII.1 TC-99
Photon emission for (n,2n)a
ENDF/B-VII.1 TC-99
Photon emission for \((n,n^*)p\)
ENDF/B-VII.1 TC-99
Photon emission for (n,n^c)
ENDF/B-VII.1 TC-99
Photon emission for (n,gma)
ENDF/B-VII.1 TC-99
Photon emission for (n,p\(^*\)c)
ENDF/B-VII.1 TC-99
Photon emission for (n,a*c)
ENDF/B-VII.1 TC-99 thermal capture photon spectrum
ENDF/B-VII.1 TC-99
14 MeV photon spectrum
ENDF/B-VII.1 TC-99 Particle heating contributions

Energy (MeV) vs. MeV/collision

- protons
- alphas

Graph showing the relationship between energy (in MeV) and MeV/collision for protons and alphas.
ENDF/B-VII.1 TC-99
Recoil Heating

Heating (MeV/reaction) vs. Energy (MeV)

- Heating (MeV/reaction) on a logarithmic scale from 0 to 250 x 10^{-3}
- Energy (MeV) from 0 to 20
- Graph shows the recoil heating for different energy levels.
ENDF/B-VII.1 TC-99
protons from (n,n*)p
ENDF/B-VII.1 TC-99
protons from (n,2np)
ENDF/B-VII.1 TC-99
angular distribution for (n,p^0) proton
ENDF/B-VII.1 TC-99 angular distribution for (n,p*1) proton
ENDF/B-VII.1 TC-99
angular distribution for (n,p^2) proton
ENDF/B-VII.1 TC-99
angular distribution for (n,p*4) proton
ENDF/B-VII.1 TC-99
angular distribution for (n,p*5) proton
ENDF/B-VII.1 TC-99
angular distribution for (n,p*6) proton
ENDF/B-VII.1 TC-99
angular distribution for (n,p^7) proton
ENDF/B-VII.1 TC-99 angular distribution for \((n,p^*8)\) proton
ENDF/B-VII.1 TC-99
angular distribution for (n,p^9) proton
ENDF/B-VII.1 TC-99 protons from (n,p*^c)
ENDF/B-VII.1 TC-99
alphas from \((n,n^*)a\)
ENDF/B-VII.1 TC-99 alphas from (n,2n)a
ENDF/B-VII.1 TC-99
angular distribution for (n,a*0) alpha
ENDF/B-VII.1 TC-99
angular distribution for (n,a*1) alpha
ENDF/B-VII.1 TC-99
angular distribution for (n,a^2) alpha
ENDF/B-VII.1 TC-99
angular distribution for (n,a*3) alpha
ENDF/B-VII.1 TC-99
angular distribution for (n,a*4) alpha
ENDF/B-VII.1 TC-99
angular distribution for (n,a*5) alpha
ENDF/B-VII.1 TC-99
angular distribution for (n,a*6) alpha
ENDF/B-VII.1 TC-99
angular distribution for (n,a°8) alpha
ENDF/B-VII.1 TC-99 angular distribution for (n,a*9) alpha
ENDF/B-VII.1 TC-99
alphas from (n,a*c)