ENDF/B-VII.1 MG-24
resonance total cross section
ENDF/B-VII.1 MG-24
resonance total cross section
ENDF/B-VII.1 MG-24
resonance total cross section

Energy (MeV)

Cross section (barns)

Total
ENDF/B-VII.1 MG-24
resonance absorption cross sections

Cross section (barns) vs. Energy (MeV). The graph shows two resonance peaks, labeled "capture."
ENDF/B-VII.1 MG-24
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

10^0
10^-1
10^-2
10^-3
10^-4

10^-1
10^0

energy (MeV)

Capture
ENDF/B-VII.1 MG-24
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VII.1 MG-24
Damage

![Graph showing the relationship between energy (MeV) and damage (MeV-barns).](image-url)
ENDF/B-VII.1 MG-24
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n,gma)
ENDF/B-VII.1 MG-24
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic
- gamma production
ENDF/B-VII.1 MG-24
Non-threshold reactions

Cross section (barns)

Energy (MeV)
ENDF/B-VII.1 MG-24
Threshold reactions
ENDF/B-VII.1 MG-24
Threshold reactions

Cross section (barns)

Energy (MeV)
ENDF/B-VII.1 MG-24
angular distribution for elastic
ENDF/B-VII.1 MG-24
angular distribution for (n,2n)

Prob/Cos

Energy (MeV)

Cosine
ENDF/B-VII.1 MG-24
angular distribution for (n,n*)a
ENDF/B-VII.1 MG-24
angular distribution for \((n, n^*)p\)
ENDF/B-VII.1 MG-24
angular distribution for (n,n*1)
ENDF/B-VII.1 MG-24
angular distribution for (n,n*2)
ENDF/B-VII.1 MG-24
angular distribution for (n,n*3)
ENDF/B-VII.1 MG-24
angular distribution for (n,n*4)
ENDF/B-VII.1 MG-24
angular distribution for (n,n*5)
ENDF/B-VII.1 MG-24
angular distribution for (n,n*6)
ENDF/B-VII.1 MG-24 angular distribution for (n,n*7)
ENDF/B-VII.1 MG-24
angular distribution for (n,n*8)
ENDF/B-VII.1 MG-24
angular distribution for (n,n*9)
ENDF/B-VII.1 MG-24
angular distribution for (n,n*10)
ENDF/B-VII.1 MG-24
angular distribution for (n,n*11)
ENDF/B-VII.1 MG-24
angular distribution for (n,n*c)
ENDF/B-VII.1 MG-24
Neutron emission for (n,2n)
ENDF/B-VII.1 MG-24
Neutron emission for (n,n*)a
ENDF/B-VII.1 MG-24
Neutron emission for (n,n*)p

![Graph showing neutron emission for (n,n*)p with energy on the x-axis, secondary energy on the y-axis, and probability on the z-axis. The graph is a 3D representation with logarithmic scales on the y-axis and linear scales on the x-axis and z-axis.](image-url)
ENDF/B-VII.1 MG-24
Neutron emission for (n,n*c)
ENDF/B-VII.1 MG-24
Photon emission for (n,2n)
ENDF/B-VII.1 MG-24
Photon emission for (n,n*)a
ENDF/B-VII.1 MG-24
Photon emission for (n,n*)p
ENDF/B-VII.1 MG-24
Photon emission for (n,n*c)
ENDF/B-VII.1 MG-24
Photon emission for (n,gma)
ENDF/B-VII.1 MG-24
Photon emission for (n,p)
ENDF/B-VII.1 MG-24
Photon emission for (n,a)
ENDF/B-VII.1 MG-24 thermal capture photon spectrum

Gamma Energy (MeV) vs. Gamma Prod (barns/MeV)
ENDF/B-VII.1 MG-24
14 MeV photon spectrum