ENDF/B-VII W-186
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-VII W-186
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-VII W-186
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-VII W-186
resonance total cross section

Energy (MeV)

Cross section (barns)

10^1

10^{-1}

10^0

total
ENDF/B-VII W-186
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VII W-186
resonance absorption cross sections

Energy (MeV)

Cross section (barns)
ENDF/B-VII W-186
resonance absorption cross sections

![Graph showing resonance absorption cross sections with energy on the x-axis and cross section on the y-axis.](image-url)
ENDF/B-VII W-186
resonance absorption cross sections

![Graph showing the relationship between energy (MeV) and cross section (barns) for capture. The graph indicates a decrease in cross section with increasing energy.]
ENDF/B-VII W-186
resonance absorption cross sections

Energy (MeV) vs Cross section (barns)

Capture peak at approximately 10^3 barns at 10^1 MeV.
ENDF/B-VII W-186
UR total cross section

Energy (MeV)

Cross section (barns)

Inf. Dil.
100 b
ENDF/B-VII W-186
UR elastic cross section

Energy (MeV) vs. Cross section (barns)

- Inf. Dil.
- 100 b
ENDF/B-VII W-186
UR capture cross section

Cross section (barns)

Energy (MeV)
ENDF/B-VII W-186
Non-threshold reactions
ENDF/B-VII W-186 Heating

Heating (MeV/reaction) vs. Energy (MeV)
ENDF/B-VII W-186
Non-threshold reactions

Cross section (barns)

Energy (MeV)
ENDF/B-VII W-186
Inelastic levels

Energy (MeV)

Cross section (barns)

- (n,n*11)
- (n,n*12)
- (n,n*13)
- (n,n*14)
- (n,n*15)
ENDF/B-VII W-186
Inelastic levels

Cross section (barns) vs. Energy (MeV)

- (n,n*16)
- (n,n*17)
- (n,n*18)
ENDF/B-VII W-186
Threshold reactions

Energy (MeV)

Cross section (barns)

(n,x)
(n,2n)
(n,3n)
(n,n*)p
(n,n*c)
ENDF/B-VII W-186
Threshold reactions

Energy (MeV)

Cross section (barns)

- (n,p)
- (n,a)
ENDF/B-VII W-186
Threshold reactions

Energy (MeV) vs. Cross section (barns)

- (n,xp)
- (n,xd)
- (n,xt)
- (n,xa)
angular distribution for elastic

ENDF/B-VII W-186

Energy (MeV)

Cosine

Prob/Cos

1.0 0.5 0.0 0.5 1.0
ENDF/B-VII W-186
angular distribution for elastic
ENDF/B-VII W-186
angular distribution for (n,2n)
angular distribution for (n,3n)

ENDF/B-VII W-186
angular distribution for (n,n*1)
ENDF/B-VII W-186
angular distribution for (n,n*2)
ENDF/B-VII W-186
angular distribution for (n,n*3)
ENDF/B-VII W-186
angular distribution for (n,n*4)
ENDF/B-VII W-186 angular distribution for (n,n^5)
ENDF/B-VII W-186
angular distribution for (n,n*6)
ENDF/B-VII W-186 angular distribution for (n,n^7)
ENDF/B-VII W-186
angular distribution for (n,n*8)
ENDF/B-VII W-186 angular distribution for (n,n*9)
ENDF/B-VII W-186
angular distribution for (n,n*10)
ENDF/B-VII W-186 angular distribution for (n,n*12)
ENDF/B-VII W-186
angular distribution for (n,n'13)

Energy (MeV)

Cosine

Prob/Cos

Prob/Cos
ENDF/B-VII W-186 angular distribution for (n,n*14)
ENDF/B-VII W-186
angular distribution for (n,n*15)
angular distribution for (n,n*16)

ENDF/B-VII W-186

Energy (MeV)

Cosine

Prob/Cos
ENDF/B-VII W-186
angular distribution for (n,n*17)
ENDF/B-VII W-186
angular distribution for (n,n*18)
ENDF/B-VII W-186
Neutron emission for (n,x)
ENDF/B-VII W-186
Neutron emission for (n,2n)
ENDF/B-VII W-186
Neutron emission for (n,3n)
ENDF/B-VII W-186
Neutron emission for (n,n*c)
ENDF/B-VII W-186
Photon emission for (n,p)
ENDF/B-VII W-186
Photon emission for inelastic
ENDF/B-VII W-186
Photon emission for (n,3n)
ENDF/B-VII W-186
Photon emission for (n,x)
ENDF/B-VII W-186
thermal capture photon spectrum

Gamma Energy (MeV)

Gamma Prod (barns/MeV)

Gamma Energy (MeV)
ENDF/B-VII W-186
14 MeV photon spectrum
ENDF/B-VII W-186
Recoil Heating

![Graph showing the relationship between energy (MeV) and heating (MeV/reaction). The graph indicates a general increase in heating as energy increases, with significant fluctuations at certain energy levels.](image-url)
ENDF/B-VII W-186
Particle production cross sections

Energy (MeV)

0.0 0.2 0.4 0.6 0.8 1.0

Cross section (barns)

protons
deuterons
tritons
alphas

Energy (MeV)

20 40 60 80 100 120 140 160
ENDF/B-VII W-186 protons from (n,x)
ENDF/B-VII W-186
deuterons from (n,x)
ENDF/B-VII W-186
alphas from \( (n,x) \)