ENDF/B-VII EU-155
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic

Energy (MeV)
ENDF/B-VII EU-155
resonance total cross section

Energy (MeV) vs. Cross section (barns)

- Energy (MeV) ranges from $10^{-7}$ to $10^{-6}$
- Cross section (barns) ranges from $10^{3}$ to $10^{5}$

The graph shows the total cross section against energy, highlighting a resonance peak.
ENDF/B-VII EU-155 resonance total cross section

Energy (MeV)

Cross section (barns)
ENDF/B-VII EU-155
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VII EU-155
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VII EU-155
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VII EU-155

UR total cross section

Cross section (barns)

Energy (MeV)

Inf. Dil.

100 b
ENDF/B-VII EU-155
UR elastic cross section

Cross section (barns)

Energy (MeV)

Inf. Dil.
100 b
ENDF/B-VII EU-155
UR capture cross section
ENDF/B-VII EU-155
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n,gma) (n,a) (n,xa)
ENDF/B-VII EU-155

Non-threshold reactions

Energy (MeV)

Cross section (barns)

- (n,gma)
- (n,a)
- (n,xa)
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Inelastic levels

Cross section (barns)

Energy (MeV)

- $^{(n,n^1)}$
- $^{(n,n^2)}$
- $^{(n,n^3)}$
- $^{(n,n^4)}$
- $^{(n,n^5)}$
ENDF/B-VII EU-155
Inelastic levels

Energy (MeV)

Cross section (barns)

(n,n*6)

(n,n*7)
ENDF/B-VII EU-155
Threshold reactions

Cross section (barns)

Energy (MeV)
ENDF/B-VII EU-155
angular distribution for elastic
ENDF/B-VII EU-155
angular distribution for (n,2n)
ENDF/B-VII EU-155
angular distribution for (n,3n)
ENDF/B-VII EU-155
angular distribution for (n,n*)a
ENDF/B-VII EU-155
angular distribution for (n,n*)p
ENDF/B-VII EU-155
angular distribution for (n,n^1)
ENDF/B-VII EU-155
angular distribution for (n,n*2)
angular distribution for (n,n*4)

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Energy (MeV)

Cosine

Prob/Cos

Prob/Cos
ENDF/B-VII EU-155
angular distribution for (n,n*7)
ENDF/B-VII EU-155
Angular distribution for (n,n*)
ENDF/B-VII EU-155
Neutron emission for (n,2n)
ENDF/B-VII EU-155
Neutron emission for (n,3n)
ENDF/B-VII EU-155
Neutron emission for (n,n*)a
ENDF/B-VII EU-155
Neutron emission for \((n,n^*)p\)
ENDF/B-VII EU-155
Neutron emission for (n,n*c)