ENDF/B-VII ER-168
Principal cross sections

Cross section (barns)

Energy (MeV)

- total
- absorption
- elastic
- gamma production
ENDF/B-VII ER-168
resonance total cross section
ENDF/B-VII ER-168
resonance total cross section

Energy (MeV)

Cross section (barns)
ENDF/B-VII ER-168
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-VII ER-168
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

Capture
ENDF/B-VII ER-168
resonance absorption cross sections

![Graph showing resonance absorption cross sections with energy on the x-axis and cross section on the y-axis, plotted on a logarithmic scale.](image-url)
ENDF/B-VII ER-168
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
ENDF/B-VII ER-168 Damage

Energy (MeV) vs. Damage (MeV-barns) plot.
ENDF/B-VII ER-168
Inelastic levels

Cross section (barns)

Energy (MeV)
ENDF/B-VII ER-168
Inelastic levels

Energy (MeV)

Cross section (barns)

(n,n*16)
(n,n*17)
(n,n*18)
(n,n*19)
(n,n*20)
ENDF/B-VII ER-168
Inelastic levels

Energy (MeV)

Cross section (barns)

*10^-3

(n,n*21)
(n,n*22)
(n,n*23)
(n,n*24)
(n,n*25)
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Inelastic levels

Energy (MeV)

Cross section (barns)

(n,n*26)
(n,n*27)
(n,n*28)
(n,n*29)
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Threshold reactions

Energy (MeV) vs Cross section (barns)

- (n,xp)
- (n,xd)
- (n,xt)
- (n,xa)
ENDF/B-VII ER-168 angular distribution for elastic
ENDF/B-VII ER-168
angular distribution for (n,n^*2)
ENDF/B-VII ER-168
angular distribution for (n,n*3)
ENDF/B-VII ER-168 angular distribution for (n,n*5)
ENDF/B-VII ER-168
angular distribution for (n,n*6)
ENDF/B-VII ER-168
angular distribution for (n,n*7)
ENDF/B-VII ER-168
angular distribution for (n,n*8)
ENDF/B-VII ER-168
angular distribution for (n,n*9)
ENDF/B-VII ER-168
angular distribution for (n,n*10)
ENDF/B-VII ER-168
angular distribution for (n,n*12)
ENDF/B-VII ER-168
angular distribution for (n,n*13)
ENDF/B-VII ER-168
angular distribution for (n,n*14)
ENDF/B-VII ER-168
angular distribution for (n,n*16)
ENDF/B-VII ER-168

angular distribution for (n,n*17)
ENDF/B-VII ER-168
angular distribution for (n,n*18)
ENDF/B-VII ER-168
angular distribution for (n,n*20)
ENDF/B-VII ER-168 angular distribution for \((n,n'21)\)
ENDF/B-VII ER-168 angular distribution for (n,n*22)
ENDF/B-VII ER-168
angular distribution for (n,n*23)
ENDF/B-VII ER-168
angular distribution for (n,n*24)
ENDF/B-VII ER-168 angular distribution for (n,n*25)
ENDF/B-VII ER-168
angular distribution for (n,n*26)
ENDF/B-VII ER-168
angular distribution for (n,n*27)

Energy (MeV)

Cosine

Probeta
ENDF/B-VII ER-168
angular distribution for (n,n*28)
ENDF/B-VII ER-168 angular distribution for (n,n*29)
angular distribution for (n,n'c)

ENDF/B-VII ER-168

Prob/Cos

Energy (MeV)

Cosine
ENDF/B-VII ER-168
Neutron emission for (n,2n)
ENDF/B-VII ER-168
Neutron emission for \((n, n^*)a\)
ENDF/B-VII ER-168
Neutron emission for (n,n*)d
ENDF/B-VII ER-168
Photon emission for \((n,n^*)\)a
ENDF/B-VII ER-168
Photon emission for (n,n*)p
ENDF/B-VII ER-168
Photon emission for \((n,n^*c)\)
ENDF/B-VII ER-168
Photon emission for (n,gma)
ENDF/B-VII ER-168
Photon emission for (n,p)
ENDF/B-VII ER-168
Photon emission for (n,d)
ENDF/B-VII ER-168
thermal capture photon spectrum

Gamma Energy (MeV)

Gamma Prod (barns/MeV)
ENDF/B-VII ER-168
14 MeV photon spectrum