ENDF/B-VII.1 GE-70
resonance total cross section

Energy (MeV)

Cross section (barns)

10^{-3} 10^{-2} 10^{-1} 10^{0} 10^{1} 10^{2} 10^{3}

10^{-3} 10^{-2} 10^{-1} 10^{0} 10^{1} 10^{2} 10^{3}
ENDF/B-VII.1 GE-70
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-VII.1 GE-70
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VII.1 GE-70
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VII.1 GE-70
UR total cross section

Energy (MeV)

Cross section (barns)

- Inf. Dil.
- 100 b
- 1 b
ENDF/B-VII.1 GE-70
UR elastic cross section

Cross section (barns)

Energy (MeV)
ENDF/B-VII.1 GE-70
UR capture cross section

Energy (MeV) vs. Cross section (barns)

- Inf. Dil.
- 100 b
- 1 b

Energy range: $10^{-2}$ to $10^{0}$
Cross section range: $10^{-1}$ to 1
ENDF/B-VII.1 GE-70

Heating

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

- Heating curve with log-log scale.
ENDF/B-VII.1 GE-70
Non-threshold reactions

![Plot showing cross section (barns) vs. energy (MeV).](image)
ENDF/B-VII.1 GE-70

Heating

Heating (MeV/reaction) vs. Energy (MeV)
ENDF/B-VII.1 GE-70
Non-threshold reactions

![Graph showing cross section vs. energy for non-threshold reactions](image-url)
ENDF/B-VII.1 GE-70
Inelastic levels

Energy (MeV)

Cross section (barns)

- (n,n*6)
- (n,n*7)
- (n,n*8)
- (n,n*9)
- (n,n*10)

Energy (MeV)
ENDF/B-VII.1 GE-70
Inelastic levels

Energy (MeV)

*10^-3

Cross section (barns)

2 4 6 8 10 12 14 16 18 20

(n,n*16)
(n,n*17)
(n,n*18)
(n,n*19)
(n,n*20)
ENDF/B-VII.1 GE-70
Inelastic levels

Energy (MeV)

*10^{-3}

Cross section (barns)

(n,n^*21)
(n,n^*22)
(n,n^*23)
(n,n^*24)
(n,n^*25)

Energy (MeV)
ENDF/B-VII.1 GE-70
Inelastic levels

Cross section (barns) vs. Energy (MeV)

- (n,n*36)
- (n,n*37)
- (n,n*38)
- (n,n*39)
ENDF/B-VII.1 GE-70
Threshold reactions

Cross section (barns) vs. Energy (MeV)

- (n,p)
- (n,a)
- (n,pa)
Threshold reactions

Cross section (barns) vs. Energy (MeV)

- (n,p*8)
- (n,p*9)
- (n,p*10)
- (n,p*11)
- (n,p*12)
ENDF/B-VII.1 GE-70
Threshold reactions

Cross section (barns)

Energy (MeV)
ENDF/B-VII.1 GE-70
Threshold reactions

Graph showing the cross section (in barns) versus energy (in MeV) for different threshold reactions: 
- (n,a*12)
- (n,a*13)
- (n,a*14)
- (n,a*15)
- (n,a*16)

The graph plots the cross section on the y-axis and energy on the x-axis. The reactions show distinct peaks and could be analyzed for further scientific purposes.
ENDF/B-VII.1 GE-70
Threshold reactions

Energy (MeV)

Cross section (barns)

*(n,a)^{(27)}
*(n,a)^{(28)}
*(n,a)^{(29)}
*(n,a)^{(30)}
*(n,a)^{(31)}

Energy (MeV)
ENDF/B-VII.1 GE-70 angular distribution for elastic
ENDF/B-VII.1 GE-70
angular distribution for (n,n*1)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*2)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*3)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*4)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*5)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*6)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*7)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*8)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*9)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*10)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*11)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*12)
ENDF/B-VII.1 GE-70
angular distribution for \( (n,n^{*13}) \)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*14)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*15)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*16)
ENDF/B-VII.1 GE-70
angular distribution for (n, n*17)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*18)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*19)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*20)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*21)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*22)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*23)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*24)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*25)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*26)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*27)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*28)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*29)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*30)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*31)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*32)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*33)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*34)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*35)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*36)
ENDF/B-VII.1 GE-70
angular distribution for \( (n,n^{*37}) \)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*38)
ENDF/B-VII.1 GE-70
angular distribution for (n,n*39)
ENDF/B-VII.1 GE-70
Neutron emission for (n,2n)
ENDF/B-VII.1 GE-70
Neutron emission for \((n,n^*)a\)
ENDF/B-VII.1 GE-70
Neutron emission for (n,2n)a
ENDF/B-VII.1 GE-70
Neutron emission for (n,n*)p
ENDF/B-VII.1 GE-70
Neutron emission for \((n,n^\ast c)\)
ENDF/B-VII.1 GE-70
Photon emission for (n,2n)
ENDF/B-VII.1 GE-70
Photon emission for (n,n*)a
ENDF/B-VII.1 GE-70
Photon emission for (n,2n)a
ENDF/B-VII.1 GE-70
Photon emission for (n,n*)p
ENDF/B-VII.1 GE-70
Photon emission for (n,n*c)
ENDF/B-VII.1 GE-70
Photon emission for (n,gma)
ENDF/B-VII.1 GE-70
Photon emission for (n,p*c)
ENDF/B-VII.1 GE-70
Photon emission for (n,a*c)
ENDF/B-VII.1 GE-70
thermal capture photon spectrum
ENDF/B-VII.1 GE-70
14 MeV photon spectrum
ENDF/B-VII.1 GE-70
Recoil Heating

Heating (MeV/reaction)

Energy (MeV)
ENDF/B-VII.1 GE-70
Particle production cross sections

Energy (MeV)

Cross section (barns)

protons

alphas

Energy (MeV)
ENDF/B-VII.1 GE-70
protons from \((n,n^*)p\)
ENDF/B-VII.1 GE-70
angular distribution for (n,p^*0) proton
ENDF/B-VII.1 GE-70
angular distribution for (n,p*1) proton
ENDF/B-VII.1 GE-70
angular distribution for (n,p*2) proton
ENDF/B-VII.1 GE-70
angular distribution for \((n, p^*3)\) proton
ENDF/B-VII.1 GE-70
angular distribution for (n,p*4) proton

[3D diagram with axes labeled: Probl/Cos, Energy (MeV), Cosine]
ENDF/B-VII.1 GE-70
angular distribution for (n,p*5) proton
ENDF/B-VII.1 GE-70
angular distribution for (n,p*6) proton
ENDF/B-VII.1 GE-70 angular distribution for (n,p*7) proton
ENDF/B-VII.1 GE-70
angular distribution for \((n,p^8)\) proton
ENDF/B-VII.1 GE-70
angular distribution for \((n,p^9)\) proton
ENDF/B-VII.1 GE-70
angular distribution for (n,p*10) proton
ENDF/B-VII.1 GE-70
angular distribution for (n,p*11) proton
ENDF/B-VII.1 GE-70
angular distribution for (n,p*12) proton
ENDF/B-VII.1 GE-70
angular distribution for (n,p*14) proton
ENDF/B-VII.1 GE-70
angular distribution for \((n,p^{*}15)\) proton
ENDF/B-VII.1 GE-70
angular distribution for (n,p*16) proton
ENDF/B-VII.1 GE-70
angular distribution for (n,p^*17) proton
ENDF/B-VII.1 GE-70
angular distribution for (n,p*18) proton
ENDF/B-VII.1 GE-70
angular distribution for (n,p*19) proton
ENDF/B-VII.1 GE-70
protons from (n,p*c)
ENDF/B-VII.1 GE-70
alphas from \((n,n^*)a\)
ENDF/B-VII.1 GE-70 alphas from (n,2n)a
ENDF/B-VII.1 GE-70
angular distribution for (n,a*0) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*1) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*2) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*3) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*4) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*5) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a^*6) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*7) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*8) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*9) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*10) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*11) alpha

Prob/Cos

10^0
10^-1
1.0 0.5 0.0 -0.5 -1.0

Cosine

Energy (MeV)

5 10 15 20
ENDF/B-VII.1 GE-70
angular distribution for (n,a*12) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*13) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a^14) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n, a*15) alpha
ENDF/B-VII.1 GE-70
angular distribution for \((n,a^{*16})\) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*17) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*18) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*19) alpha
ENDF/B-VII.1 GE-70
angular distribution for \((n,a^*20)\) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*21) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a^{22}) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*23) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*24) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*25) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a^{26}) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*27) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*28) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*29) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*30) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*31) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*32) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*33) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*34) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*35) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*36) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*37) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*38) alpha
ENDF/B-VII.1 GE-70
angular distribution for (n,a*39) alpha
ENDF/B-VII.1 GE-70 alphas from (n,a*c)