ENDF/B-VII.1 GE-76
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic
- gamma production

Energy (MeV)
ENDF/B-VII.1 GE-76
resonance total cross section
ENDF/B-VII.1 GE-76
resonance total cross section

Energy (MeV)

Cross section (barns)

- total
ENDF/B-VII.1 GE-76
resonance total cross section

Energy (MeV)

Cross section (barns)

- total
ENDF/B-VII.1 GE-76
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

- capture
ENDF/B-VII.1 GE-76
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
ENDF/B-VII.1 GE-76
resonance absorption cross sections
ENDF/B-VII.1 GE-76
UR total cross section

Energy (MeV)

Cross section (barns)

Inf. Dil.
100 b
1 b
ENDF/B-VII.1 GE-76
UR elastic cross section

Cross section (barns) vs. Energy (MeV)

Lines represent:
- Inf. Dil.
- 100 b
- 1 b
ENDF/B-VII.1 GE-76
UR capture cross section

Energy (MeV)

Cross section (barns)

Inf. Dil. 100 b 1 b

Energy (MeV)

Cross section (barns)
ENDF/B-VII.1 GE-76
Heating

Energy (MeV) vs. Heating (MeV/reaction) plot.
ENDF/B-VII.1 GE-76
Non-threshold reactions

Energy (MeV)

Cross section (barns)

\( (n,gma) \)
ENDF/B-VII.1 GE-76

Principal cross sections

Energy (MeV) vs. Cross section (barns)

- **total**
- **absorption**
- **elastic**
- **gamma production**

Energy (MeV) from 2 to 20 MeV.
ENDF/B-VII.1 GE-76 Heating

Heating (MeV/reaction) vs. Energy (MeV)
ENDF/B-VII.1 GE-76
Non-threshold reactions

Cross section (barns) vs. Energy (MeV)

(n,gma)
ENDF/B-VII.1 GE-76
Inelastic levels

Cross section (barns) vs. Energy (MeV)

- (n,n*6)
- (n,n*7)
- (n,n*8)
- (n,n*9)
- (n,n*10)
ENDF/B-VII.1 GE-76
Inelastic levels

Cross section (barns) vs. Energy (MeV)

- (n,n*21)
- (n,n*22)
- (n,n*23)
- (n,n*24)
- (n,n*25)
ENDF/B-VII.1 GE-76
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-76
Threshold reactions

Energy (MeV)

Cross section (barns)

- (n,p*8)
- (n,p*c)
- (n,a*0)
- (n,a*c)
ENDF/B-VII.1 GE-76
angular distribution for elastic
ENDF/B-VII.1 GE-76
angular distribution for (n,n*1)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*2)
ENDF/B-VII.1 GE-76
angular distribution for \((n,n^*3)\)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*4)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*5)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*6)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*7)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*8)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*10)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*11)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*12)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*13)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*14)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*15)
ENDF/B-VII.1 GE-76
angular distribution for \((n,n^*16)\)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*17)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*18)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*19)
ENDF/B-VII.1 GE-76
angular distribution for \((n,n^*20)\)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*21)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*22)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*23)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*24)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*25)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*26)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*27)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*28)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*29)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*30)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*31)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*32)
ENDF/B-VII.1 GE-76
angular distribution for \((n,n^*33)\)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*34)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*35)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*36)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*37)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*38)
ENDF/B-VII.1 GE-76
angular distribution for (n,n*39)
ENDF/B-VII.1 GE-76
Neutron emission for (n,2n)
ENDF/B-VII.1 GE-76
Neutron emission for (n,3n)
ENDF/B-VII.1 GE-76
Neutron emission for \((n,n^*)a\)
ENDF/B-VII.1 GE-76
Neutron emission for (n,2n)a
ENDF/B-VII.1 GE-76
Neutron emission for (n,n*)p
ENDF/B-VII.1 GE-76
Neutron emission for \((n,n^*c)\)
ENDF/B-VII.1 GE-76
Photon emission for (n,2n)
ENDF/B-VII.1 GE-76
Photon emission for (n,3n)
ENDF/B-VII.1 GE-76
Photon emission for (n,n*)a
ENDF/B-VII.1 GE-76
Photon emission for (n,2n)a
ENDF/B-VII.1 GE-76
Photon emission for (n,n*)p
ENDF/B-VII.1 GE-76
Photon emission for (n,n*c)
ENDF/B-VII.1 GE-76
Photon emission for (n,gma)
ENDF/B-VII.1 GE-76
Photon emission for (n,p*c)
ENDF/B-VII.1 GE-76
Photon emission for (n,a*c)
ENDF/B-VII.1 GE-76
thermal capture photon spectrum

Gamma Energy (MeV)

Gamma Prod (barns/MeV)
ENDF/B-VII.1 GE-76
Recoil Heating

Heating (MeV/reaction)

Energy (MeV)
ENDF/B-VII.1 GE-76
Particle production cross sections
ENDF/B-VII.1 GE-76
protons from \((n,n^*)p\)
ENDF/B-VII.1 GE-76
angular distribution for (n, p^0) proton

Energy (MeV)

Cosine

Prob/Cos

10^{-1} 10^{0} 10^{1}
ENDF/B-VII.1 GE-76
angular distribution for (n,p*1) proton
ENDF/B-VII.1 GE-76
angular distribution for (n,p*2) proton
ENDF/B-VII.1 GE-76
angular distribution for (n,p*3) proton
ENDF/B-VII.1 GE-76
angular distribution for (n,p*4) proton
ENDF/B-VII.1 GE-76
angular distribution for (n,p*5) proton
ENDF/B-VII.1 GE-76
angular distribution for (n,p*6) proton
ENDF/B-VII.1 GE-76
angular distribution for (n,p*7) proton
ENDF/B-VII.1 GE-76
angular distribution for \((n,p^8)\) proton
ENDF/B-VII.1 GE-76
protons from (n,p*c)
ENDF/B-VII.1 GE-76
alphas from (n,n*)a
ENDF/B-VII.1 GE-76
alphas from (n,2n)a
ENDF/B-VII.1 GE-76
angular distribution for (n,a*0) alpha
ENDF/B-VII.1 GE-76
alphas from (n,a*c)