ENDF/B-VI GD-152H
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic

Energy (MeV)
ENDF/B-VI GD-152H
resonance total cross section
ENDF/B-VI GD-152H
resonance total cross section
ENDF/B-VI GD-152H
resonance total cross section

Energy (MeV)

Cross section (barns)
ENDF/B-VI GD-152H
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VI GD-152H
resonance absorption cross sections

Capture

Cross section (barns)

Energy (MeV)
ENDF/B-VI GD-152H
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VI GD-152H Damage

Energy (MeV) vs. Damage (MeV-barns)

- Energy scale ranges from $10^{-11}$ to $10^1$ MeV.
- Damage scale ranges from $10^{-4}$ to $10^0$ MeV-barns.

The graph shows the relationship between energy and damage, with a sharp peak and several smaller peaks at certain energy levels.
ENDF/B-VI GD-152H
Non-threshold reactions

Cross section (barns)

Energy (MeV)
ENDF/B-VI GD-152H
Heating

Energy (MeV)

Heating (MeV/reaction)
ENDF/B-VI GD-152H Damage

Energy (MeV) vs. Damage (MeV-barns)

*10^{-3}

- Energy (MeV)
- Damage (MeV-barns)
ENDF/B-VI GD-152H
Non-threshold reactions

Cross section (barns)

Energy (MeV)
ENDF/B-VI GD-152H
Threshold reactions

Energy (MeV)

Cross section (barns)

(n,he3) (n,xp) (n,xd) (n,xt) (n,xhe3)
ENDF/B-VI GD-152H
angular distribution for elastic
ENDF/B-VI GD-152H
angular distribution for (n,2n)
ENDF/B-VI GD-152H
angular distribution for (n,3n)
ENDF/B-VI GD-152H
angular distribution for \((n,n^*)a\)
ENDF/B-VI GD-152H
angular distribution for (n,n*)p
ENDF/B-VI GD-152H
angular distribution for (n,n*)d
ENDF/B-VI GD-152H
angular distribution for (n,n*)t
ENDF/B-VI GD-152H
angular distribution for (n,n*1)
ENDF/B-VI GD-152H
angular distribution for (n,n*2)
ENDF/B-VI GD-152H
angular distribution for (n,n*3)
ENDF/B-VI GD-152H
angular distribution for (n,n*4)
ENDF/B-VI GD-152H
angular distribution for (n,n*5)
ENDF/B-VI GD-152H
angular distribution for (n,n*6)
ENDF/B-VI GD-152H
angular distribution for (n,n*7)
ENDF/B-VI GD-152H
angular distribution for (n,n*8)
ENDF/B-VI GD-152H
angular distribution for (n,n*9)
ENDF/B-VI GD-152H
angular distribution for (n,n*10)
ENDF/B-VI GD-152H
angular distribution for (n,n*11)
ENDF/B-VI GD-152H
angular distribution for (n,n*12)
ENDF/B-VI GD-152H
angular distribution for \((n,n^*13)\)
ENDF/B-VI GD-152H
angular distribution for (n,n*14)
ENDF/B-VI GD-152H
angular distribution for (n,n*15)
ENDF/B-VI GD-152H
angular distribution for (n,n*16)
ENDF/B-VI GD-152H
angular distribution for (n,n*18)
ENDF/B-VI GD-152H
angular distribution for (n,n*19)
ENDF/B-VI GD-152H
angular distribution for (n,n*20)
ENDF/B-VI GD-152H
angular distribution for \((n,n^{*}21)\)
ENDF/B-VI GD-152H
angular distribution for (n,n*22)
ENDF/B-VI GD-152H
angular distribution for \((n,n^*23)\)
ENDF/B-VI GD-152H
angular distribution for (n,n^*24)
ENDF/B-VI GD-152H
angular distribution for (n,n*25)
ENDF/B-VI GD-152H
angular distribution for (n,n*26)
ENDF/B-VI GD-152H
angular distribution for (n,n\*27)
ENDF/B-VI GD-152H
angular distribution for (n,n*28)
ENDF/B-VI GD-152H
angular distribution for (n,n*29)
ENDF/B-VI GD-152H
angular distribution for (n,n*c)
ENDF/B-VI GD-152H
Neutron emission for (n,2n)
ENDF/B-VI GD-152H
Neutron emission for (n,3n)
ENDF/B-VI GD-152H
Neutron emission for \( (n,n^*)a \)
ENDF/B-VI GD-152H
Neutron emission for \((n,n^*)p\)
ENDF/B-VI GD-152H
Neutron emission for (n,n*)d
ENDF/B-VI GD-152H
Neutron emission for (n,n*)t
ENDF/B-VI GD-152H
Neutron emission for \((n,n^*c)\)