ENDF/B-VII.1 KR-82
resonance total cross section

Energy (MeV)

Cross section (barns)

10^{-5}  10^{-4}  10^{-3}  10^{-2}  10^{-1}  10^{0}  10^{1}  10^{2}  10^{3}  10^{4}

10^{-5}  10^{-4}  10^{-3}  10^{-2}  10^{-1}  10^{0}  10^{1}  10^{2}  10^{3}  10^{4}
ENDF/B-VII.1 KR-82
resonance total cross section

Energy (MeV) vs. Cross section (barns)

- Total cross section graph
ENDF/B-VII.1 KR-82
resonance absorption cross sections

![Graph showing resonance absorption cross sections as a function of energy. The y-axis is labeled Cross section (barns) and the x-axis is labeled Energy (MeV). The graph includes a line labeled 'capture'.]
ENDF/B-VII.1 KR-82
UR total cross section

Energy (MeV) vs. Cross section (barns)
ENDF/B-VII.1 KR-82
UR elastic cross section

Energy (MeV)

Cross section (barns)

Inf. Dil. 100 b 1 b

10^1

10^{-4} 10^{-3} 10^{-2} 10^{-1}

Energy (MeV)
ENDF/B-VII.1 KR-82
UR capture cross section

Energy (MeV)

Cross section (barns)

Inf. Dil. 100 b 1 b
ENDF/B-VII.1 KR-82 Damage

Energy (MeV)

Damage (MeV-barns)
ENDF/B-VII.1 KR-82
Non-threshold reactions

Cross section (barns) vs. Energy (MeV)

(n,g,ma)
ENDF/B-VII.1 KR-82
Principal cross sections

Energy (MeV) vs. Cross section (barns)

- Total cross section
- Absorption cross section
- Elastic cross section
ENDF/B-VII.1 KR-82
Damage

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

- Damage graph
  - Energy (MeV) on the x-axis
  - Damage (MeV-barns) on the y-axis
  - The damage increases with energy.

*10^{-3}
ENDF/B-VII.1 KR-82
Non-threshold reactions

Cross section (barns)

Energy (MeV)

(n, gma)
ENDF/B-VII.1 KR-82
Inelastic levels

Energy (MeV) vs. Cross section (barns)

- (n,n*6)
- (n,n*7)
- (n,n*8)
- (n,n*9)
- (n,n*10)
ENDF/B-VII.1 KR-82
Threshold reactions

Energy (MeV)

Cross section (barns)

- (n,xp)
- (n,xd)
- (n,xt)
- (n,xa)
ENDF/B-VII.1 KR-82
angular distribution for elastic
ENDF/B-VII.1 KR-82
angular distribution for (n,2n)
ENDF/B-VII.1 KR-82
angular distribution for (n,3n)
ENDF/B-VII.1 KR-82
angular distribution for (n,n*)a
ENDF/B-VII.1 KR-82
angular distribution for (n,n*)p
ENDF/B-VII.1 KR-82
angular distribution for (n,n*1)
ENDF/B-VII.1 KR-82
angular distribution for (n,n*2)
ENDF/B-VII.1 KR-82
angular distribution for (n,n*3)
ENDF/B-VII.1 KR-82
angular distribution for \((n,n^*4)\)
ENDF/B-VII.1 KR-82
angular distribution for (n,n*5)
ENDF/B-VII.1 KR-82
angular distribution for (n,n*6)
ENDF/B-VII.1 KR-82
angular distribution for (n,n*7)
ENDF/B-VII.1 KR-82

angular distribution for (n,n*8)
ENDF/B-VII.1 KR-82
angular distribution for (n,n*9)
ENDF/B-VII.1 KR-82
angular distribution for (n,n*10)
ENDF/B-VII.1 KR-82
angular distribution for (n,n*11)
ENDF/B-VII.1 KR-82
angular distribution for (n,n*12)
ENDF/B-VII.1 KR-82
angular distribution for \((n,n^*13)\)
ENDF/B-VII.1 KR-82
angular distribution for \((n,n^*14)\)
ENDF/B-VII.1 KR-82
angular distribution for (n,n*c)
ENDF/B-VII.1 KR-82
Neutron emission for (n,2n)
ENDF/B-VII.1 KR-82
Neutron emission for (n,3n)
ENDF/B-VII.1 KR-82
Neutron emission for \((n,n^*)a\)

![Graph showing neutron emission for \((n,n^*)\) reaction in ENDF/B-VII.1 KR-82.]
ENDF/B-VII.1 KR-82
Neutron emission for \((n,n^*)p\)
ENDF/B-VII.1 KR-82
Neutron emission for (n,n*c)