ENDF/B-VII BA-132
Principal cross sections

Energy (MeV) vs. Cross section (barns)

- Total
- Absorption
- Elastic
ENDF/B-VII BA-132
resonance total cross section
ENDF/B-VII BA-132
resonance total cross section

Energy (MeV)

Cross section (barns)

10^{-4} to 10^{-3}

10^{1} to 10^{4}

Energy (MeV)
ENDF/B-VII BA-132
resonance absorption cross sections

- Energy (MeV)
- Cross section (barns)

Capture
ENDF/B-VII BA-132
resonance absorption cross sections

Energy (MeV)

Capture

Cross section (barns)

10^{-1}

10^{0}

10^{1}

Energy (MeV)
ENDF/B-VII BA-132
UR total cross section

Energy (MeV)

Cross section (barns)

- Inf. Dil.
- 100 b

10^{-4} 10^{-3} 10^{-2} 10^{-1}
ENDF/B-VII BA-132
UR elastic cross section

Cross section (barns)

Energy (MeV)

---

Inf. Dil.

100 b
ENDF/B-VII BA-132
UR capture cross section

Energy (MeV) vs. Cross section (barns)
ENDF/B-VII BA-132
Damage

![Graph showing damage vs. energy plot. The x-axis represents energy (MeV) ranging from $10^{-11}$ to $10^1$, and the y-axis represents damage (MeV-barns) ranging from $10^{-4}$ to $10^0$. The plot includes a line labeled 'damage'.]
ENDF/B-VII BA-132
Non-threshold reactions

Energy (MeV)

Cross section (barns)

\( (n,gma) \)
ENDF/B-VII BA-132
Heating

![Graph showing Heating vs. Energy (MeV/reaction)]
ENDF/B-VII BA-132
Non-threshold reactions

Cross section (barns) vs. Energy (MeV)

(n, gma)
angular distribution for elastic
ENDF/B-VII BA-132
angular distribution for (n,2n)
ENDF/B-VII BA-132

angular distribution for (n,3n)
ENDF/B-VII BA-132
angular distribution for (n,n*)a

Prob/Cos

Energy (MeV)

Cosine

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
ENDF/B-VII BA-132
angular distribution for (n,n*)p
ENDF/B-VII BA-132
angular distribution for (n,n*1)
ENDF/B-VII BA-132
angular distribution for (n,n*2)
ENDF/B-VII BA-132 angular distribution for (n,n*3)
angular distribution for \( (n,n^4) \)
ENDF/B-VII BA-132
angular distribution for (n,n*5)
ENDF/B-VII BA-132
angular distribution for (n,n*6)
ENDF/B-VII BA-132
angular distribution for \((n,n^*7)\)
ENDF/B-VII BA-132
angular distribution for \((n,n^*8)\)
ENDF/B-VII BA-132
angular distribution for (n,n*9)
ENDF/B-VII BA-132
angular distribution for (n,n*10)
ENDF/B-VII BA-132
angular distribution for \((n,n^c)\)
ENDF/B-VII BA-132
Neutron emission for (n,2n)
ENDF/B-VII BA-132
Neutron emission for (n,3n)

Energy (MeV)

Prob/MeV

Sec. Energy

1.7
1.8
1.9
0.0
0.5
1.0
1.5
2.0

1.8
1.9
2.0
ENDF/B-VII BA-132
Neutron emission for (n,n*)a
ENDF/B-VII BA-132
Neutron emission for (n,n*)p
ENDF/B-VII BA-132
Neutron emission for \((n,n^c)\)