ENDF/B-VI SM-149
Principal cross sections

Energy (MeV) vs. Cross section (barns)

- Total
- Absorption
- Elastic
ENDF/B-VI SM-149
resonance total cross section

Energy (MeV)

Cross section (barns)

10^1
10^2
10^3
10^4
10^{-6}
10^{-5}
10^{-4}
10^{-3}
10^{-2}
10^{-1}
total
ENDF/B-VI SM-149
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-VI SM-149
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VI SM-149
resonance absorption cross sections

![Graph showing the relationship between energy (MeV) and cross section (barns)]

- The y-axis represents the cross section in barns, with values ranging from $10^{-1}$ to $10^0$.
- The x-axis represents the energy in MeV, ranging from $10^0$ to $10^1$.
- The graph shows a line indicating the capture process.

The data suggests a decrease in cross section with increasing energy, characteristic of resonance absorption processes.
ENDF/B-VI SM-149
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic

Energy (MeV)
ENDF/B-VI SM-149
Non-threshold reactions

Energy (MeV)

Cross section (barns)

\( (n,\text{gma}) \)
ENDF/B-VI SM-149
Inelastic levels

Energy (MeV) vs. Cross section (barns)

Cross section (barns)

Energy (MeV)
ENDF/B-VI SM-149
angular distribution for elastic
ENDF/B-VI SM-149
angular distribution for (n,2n)
ENDF/B-VI SM-149
angular distribution for (n,3n)
ENDF/B-VI SM-149
angular distribution for (n,n^*1)
ENDF/B-VI SM-149
angular distribution for (n,n*2)
ENDF/B-VI SM-149
angular distribution for \((n,n^*3)\)
ENDF/B-VI SM-149
angular distribution for \((n,n^*4)\)
ENDF/B-VI SM-149
angular distribution for (n,n*5)
ENDF/B-VI SM-149
angular distribution for \((n,n^*6)\)
ENDF/B-VI SM-149
angular distribution for (n,n*7)
ENDF/B-VI SM-149
angular distribution for (n,n^*8)
ENDF/B-VI SM-149
angular distribution for (n,n*9)
ENDF/B-VI SM-149
angular distribution for (n,n*10)
ENDF/B-VI SM-149
angular distribution for \((n,n^*c)\)