ENDF/B-VI XE-134
Principal cross sections

Energy (MeV) vs. Cross section (barns)

- Total cross section
- Absorption cross section
- Elastic cross section

The graph shows the energy distribution of cross sections ranging from $10^{-11}$ to $10^1$ MeV, with the cross sections measured in barns ($10^{-24}$ m$^2$). The graph highlights the absorption and elastic cross sections, with notable spikes at energies $10^{-3}$ and $10^{-4}$ MeV.
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Damage

Damage (MeV-barns)

Energy (MeV)
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Non-threshold reactions

Energy (MeV)

Cross section (barns)

\((n,\text{gma})\)
ENDF/B-VI XE-134
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic

Energy (MeV)
ENDF/B-VI XE-134 Damage

Damage (MeV-barns)

Energy (MeV)

Damage (MeV-barns)

Energy (MeV)
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Non-threshold reactions

Cross section (barns) vs. Energy (MeV)
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Inelastic levels

Energy (MeV) vs. Cross section (barns)

- (n,n*1)
- (n,n*2)
- (n,n*3)
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Threshold reactions

Cross section (barns) vs. Energy (MeV)

- (n,2n)
- (n,3n)
- (n,n\textsuperscript{c})
- (n,p)
- (n,d)
ENDF/B-VI XE-134
Threshold reactions

Energy (MeV)

Cross section (barns)

*10^-3

(n,xp)
(n,xd)
(n,xt)
(n,xa)

Energy (MeV)

2 4 6 8 10 12 14 16 18 20
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angular distribution for elastic
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angular distribution for (n,3n)
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angular distribution for (n, n*1)
ENDF/B-VI XE-134
angular distribution for (n,n*2)
ENDF/B-VI XE-134
angular distribution for (n,n*3)
ENDF/B-VI XE-134
angular distribution for (n,n*c)