ENDF/B-VI SE-77
Principal cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VI SE-77
resonance total cross section
ENDF/B-VI SE-77
resonance total cross section

Energy (MeV)

Cross section (barns)

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

10^{-3}  10^{-2}
ENDF/B-VI SE-77
resonance absorption cross sections

![Graph showing resonance absorption cross sections for capture. The x-axis represents energy in MeV on a log scale ranging from $10^{-4}$ to $10^{-3}$, and the y-axis represents cross section in barns on a log scale ranging from $10^{-2}$ to $10^0$. Peaks are observed at various energies, indicating resonances.]
ENDF/B-VI SE-77
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

- Capture
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Heating

Energy (MeV) vs. Heating (MeV/reaction)

- Heating curve

Energy (MeV) range: 0 to 20
Heating range: 0 to 6
ENDF/B-VI SE-77 Damage

![Graph showing the relationship between Energy (MeV) and Damage (MeV-barns). The damage increases with energy, starting from a low value at 0 MeV and rising to a peak at around 20 MeV.]
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Non-threshold reactions

Cross section (barns)

Energy (MeV)

(n,gma)
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Inelastic levels

Cross section (barns) vs. Energy (MeV)

- (n,n*6)
- (n,n*7)
- (n,n*8)
- (n,n*9)
- (n,n*10)
ENDF/B-VI SE-77
Threshold reactions

Energy (MeV)

Cross section (barns)

(n,n*c)