ENDF/B-V DY-162
Principal cross sections

![Graph showing principal cross sections for ENDF/B-V DY-162, with the y-axis representing cross section in barns and the x-axis representing energy in MeV. The graph includes lines for total, absorption, and elastic cross sections.]
ENDF/B-V DY-162
resonance total cross section

Energy (MeV)

Cross section (barns)

total
ENDF/B-V DY-162
resonance total cross section

[Graph showing the total cross section as a function of energy (MeV), with a logarithmic scale for both axes. The cross section is given in barns (barns). The graph highlights a peak in the cross section at a specific energy, indicating a resonance.]
ENDF/B-V DY-162
resonance total cross section

Energy (MeV)

Cross section (barns)

total
ENDF/B-V DY-162
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-V DY-162
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-V DY-162
resonance absorption cross sections

- Energy (MeV): $10^{-3}$ to $10^{1}$
- Cross section (barns): $10^{-1}$ to $10^{0}$

The graph shows the cross section as a function of energy, with a peak at lower energies and a rapid decrease at higher energies.
ENDF/B-V DY-162
Non-threshold reactions

Cross section (barns)

Energy (MeV)

(n,gma)
ENDF/B-V DY-162 Damage

Damage

Energy (MeV)

Damage (MeV-barns)

0.0  0.1  0.2  0.3  0.4  0.5  0.6  0.7  0.8

0.0  0.1  0.2  0.3  0.4  0.5  0.6  0.7  0.8

0  2  4  6  8  10  12  14  16  18  20

Energy (MeV)

Damage (MeV-barns)
ENDF/B-V DY-162
Non-threshold reactions

![Graph showing cross section vs. energy for the reaction (n,gma)]
ENDF/B-V DY-162
Inelastic levels

Energy (MeV) vs Cross section (barns)

- (n,n*1)
- (n,n*2)
- (n,n*3)
- (n,n*4)
- (n,n*5)
ENDF/B-V DY-162
Threshold reactions

Cross section (barns)

Energy (MeV)

(n,n^c)