ENDF/B-III RE-185
Principal cross sections

![Graph showing cross sections vs. energy]

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

Energy (MeV) vs. Cross section (barns)
ENDF/B-III RE-185
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-III RE-185
resonance total cross section

energy (MeV)

Cross section (barns)
ENDF/B-III RE-185
resonance total cross section

Energy (MeV)

Cross section (barns)

10^{-8} 10^{-7}

10^2

total
ENDF/B-III RE-185
resonance total cross section

Energy (MeV)

Cross section (barns)

total

$10^{-7}$

$10^{-6}$
ENDF/B-III RE-185
resonance total cross section

![Graph showing the resonance total cross section with peaks at specific energy levels.](image-url)
ENDF/B-III RE-185
resonance total cross section

Energy (MeV) vs Cross section (barns) graph

- X-axis: Energy (MeV)
- Y-axis: Cross section (barns)
- The graph shows a series of peaks and valleys indicating resonant states.

Legend:
- *total* line

Scale:
- Energy: $10^{-5}$ to $10^{-4}$ MeV
- Cross section: $10^1$ to $10^4$ barns
ENDF/B-III RE-185
resonance total cross section
ENDF/B-III RE-185
resonance absorption cross sections

Energy (MeV) vs. Cross section (barns)
ENDF/B-III RE-185
resonance absorption cross sections

Capture cross section vs. energy (MeV)
ENDF/B-III RE-185
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-III RE-185
resonance absorption cross sections

Energy (MeV)

Capture

Cross section (barns)

10^{-7} to 10^{-6}
ENDF/B-III RE-185
resonance absorption cross sections

**Graph:**
- **Y-axis:** Cross section (barns)
- **X-axis:** Energy (MeV)
- The graph shows two prominent resonances in the energy range of $10^{-6}$ to $10^{-5}$ MeV, indicating significant absorption cross sections at these energies.
ENDF/B-III RE-185
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
ENDF/B-III RE-185
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
ENDF/B-III RE-185
resonance absorption cross sections

- Energy (MeV)
- Cross section (barns)

- Capture
ENDF/B-III RE-185
resonance absorption cross sections

Energy (MeV) vs Cross section (barns)

- Capture line
ENDF/B-III RE-185
UR total cross section

Energy (MeV)

Cross section (barns)

Inf. Dil.
100 b
1 b

Energy (MeV)
ENDF/B-III RE-185
UR elastic cross section

![Graph showing cross section (barns) vs. Energy (MeV) on a log-log scale. The graph includes three curves labeled Inf. Dil., 100 b, and 1 b. The cross section decreases with increasing energy.](image-url)
ENDF/B-III RE-185
Principal cross sections

![Graph showing principal cross sections]

- Total cross section
- Absorption cross section
- Elastic cross section
ENDF/B-III RE-185
Non-threshold reactions

Cross section (barns)

Energy (MeV)
ENDF/B-III RE-185
Inelastic levels

Energy (MeV)

Cross section (barns)

(n,n*6)
(n,n*7)
(n,n*8)
ENDF/B-III RE-185
Threshold reactions

Energy (MeV)

Cross section (barns)

(n,2n)  (n,3n)  (n,n*c)
ENDF/B-III RE-185
angular distribution for elastic
ENDF/B-III RE-185
angular distribution for (n,2n)
ENDF/B-III RE-185
angular distribution for (n,3n)
ENDF/B-III RE-185
angular distribution for (n,n*1)
ENDF/B-III RE-185
angular distribution for (n,n*2)
ENDF/B-III RE-185
angular distribution for (n,n*3)
ENDF/B-III RE-185
angular distribution for (n,n*4)
ENDF/B-III RE-185
angular distribution for (n,n*5)
ENDF/B-III RE-185
angular distribution for (n,n*6)
ENDF/B-III RE-185
angular distribution for (n,n\*7)
ENDF/B-III RE-185
angular distribution for (n,n*8)
ENDF/B-III RE-185
angular distribution for (n,n*c)