ENDF/B-IV CM-244
Principal cross sections

Energy (MeV) vs. Cross section (barns)
- Total
- Absorption
- Elastic

Log-log scale with energy ranging from $10^{-11}$ to $10^1$ MeV and cross section ranging from $10^{-1}$ to $10^4$ barns.
ENDF/B-IV CM-244
resonance total cross section

Energy (MeV) vs Cross section (barns)
ENDF/B-IV CM-244
resonance total cross section

![Graph showing resonance total cross section with energy on the x-axis and cross section in barns on the y-axis. There are peaks at various energies, indicating resonances.]
ENDF/B-IV CM-244
resonance total cross section

Energy (MeV)

Cross section (barns)

10^{-4} 10^{-3}

10^1 10^2 10^3

total
ENDF/B-IV CM-244
resonance absorption cross sections

Energy (MeV) vs. Cross section (barns)

Capture (solid line) and fission (dashed line)

横坐标：能量 (MeV)
纵坐标：截面 (巴恩)

图示了不同能量下吸收截面的共振吸收特性，包括捕获和裂变两种类型的截面。
ENDF/B-IV CM-244
UR total cross section

Energy (MeV)

Cross section (barns)

Inf. Dil.
100 b
1 b
ENDF/B-IV CM-244
UR fission cross section

Energy (MeV) vs. Cross section (barns)

- Inf. Dil.
- 100 b
- 1 b

Cross section (barns) vs. Energy (MeV)
ENDF/B-IV CM-244
Heating

![Graph showing the heating as a function of energy (MeV) on a log-log scale. The x-axis represents energy in MeV, and the y-axis represents heating in MeV/reaction. The graph shows a curve with distinct features at various energy levels.]
ENDF/B-IV CM-244
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic

Energy (MeV)
ENDF/B-IV CM-244
Non-threshold reactions

Energy (MeV)

Cross section (barns)

fission
(n,gma)
ENDF/B-IV CM-244

Inelastic levels

Cross section (barns) vs. Energy (MeV)

- (n,n*1)
- (n,n*2)
- (n,n*3)
- (n,n*4)
- (n,n*5)
ENDF/B-IV CM-244
Threshold reactions

Energy (MeV)

Cross section (barns)

(n,2n)
(n,3n)
(n,n*c)
ENDF/B-IV CM-244
angular distribution for elastic
ENDF/B-IV CM-244
angular distribution for (n,2n)
ENDF/B-IV CM-244
angular distribution for (n,3n)
ENDF/B-IV CM-244
angular distribution for fission
ENDF/B-IV CM-244
angular distribution for \((n,n^*1)\)
ENDF/B-IV CM-244
angular distribution for (n,n*2)
ENDF/B-IV CM-244
angular distribution for (n,n*3)
ENDF/B-IV CM-244
angular distribution for (n,n*4)
ENDF/B-IV CM-244
angular distribution for (n,n*5)
ENDF/B-IV CM-244
angular distribution for (n,n*6)
ENDF/B-IV CM-244
angular distribution for (n,n*7)
ENDF/B-IV CM-244
angular distribution for (n,n*8)
ENDF/B-IV CM-244
angular distribution for (n,n*9)
ENDF/B-IV CM-244
angular distribution for (n,n*10)
ENDF/B-IV CM-244
angular distribution for (n,n*c)