ENDF/B-V U-234B
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic
ENDF/B-V U-234B
resonance total cross section
ENDF/B-V U-234B
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-V U-234B
resonance total cross section
ENDF/B-V U-234B
resonance absorption cross sections

![Graph showing cross section versus energy for capture and fission reactions. The graph plots cross section in barns against energy in MeV on a log-log scale.](image)
ENDF/B-V U-234B
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-V U-234B
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
fission
ENDF/B-V U-234B
UR total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-V U-234B
UR elastic cross section

Energy (MeV)

Cross section (barns)

Inf. Dil.
100 b
1 b

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

10^{1}
ENDF/B-V U-234B
UR fission cross section

![Cross section graph](image-url)
ENDF/B-V U-234B Heating

Heating (MeV/reaction)

Energy (MeV)
ENDF/B-V U-234B
Principal cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-V U-234B Damage

Damage (MeV-barns) vs. Energy (MeV) graph.
ENDF/B-V U-234B
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n,f)

(n,gma)
ENDF/B-V U-234B
Inelastic levels

Energy (MeV)

Cross section (barns)

*(n,n*6)
ENDF/B-V U-234B
High-order fission reactions

Energy (Mev)

Cross section (barns)

(n,n*f)

(n,2nf)
ENDF/B-V U-234B
angular distribution for elastic
ENDF/B-V U-234B
Total fission nubar

Fission nubar

Energy (MeV)

2.0
2.5
3.0
3.5
4.0
4.5
5.0
5.5