ENDF/B-V ZR-94
Principal cross sections

Cross section (barns)

Energy (MeV)

- Total
- Absorption
- Elastic
ENDF/B-V ZR-94
resonance total cross section
ENDF/B-V ZR-94
resonance total cross section

Energy (MeV)

Cross section (barns)
ENDF/B-V ZR-94
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-V ZR-94 resonance absorption cross sections

capture
ENDF/B-V ZR-94
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
ENDF/B-V ZR-94 Heating

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

- Energy (MeV) axis ranges from $10^{-11}$ to $10^1$.
- Heating (MeV/reaction) axis ranges from $10^{-3}$ to $10^0$.

Graph shows a complex pattern with peaks and valleys, indicating variation in heating with energy.
ENDF/B-V ZR-94
Damage

Damage (MeV-barns)

Energy (MeV)
ENDF/B-V ZR-94
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n,gma)
ENDF/B-V ZR-94
Principal cross sections

Energy (MeV)

Cross section (barns)

Total
Absorption
Elastic
ENDF/B-V ZR-94
Heating

Energy (MeV)

Heating (MeV/reaction)

heating
ENDF/B-V ZR-94
Threshold reactions

Cross section (barns)

Energy (MeV)

(n,xp)

(n,xa)
ENDF/B-V ZR-94
angular distribution for elastic