ENDF/B-V RB-87
Principal cross sections

Energy (MeV)

Cross section (barns)

total
absorption
elastic
ENDF/B-V RB-87
resonance total cross section

Energy (MeV)

Cross section (barns)
ENDF/B-V RB-87
resonance total cross section
ENDF/B-V RB-87
resonance total cross section
ENDF/B-V RB-87
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
ENDF/B-V RB-87
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

10^{-3} 10^{-2} 10^{-1} 10^{0} 10^{1} 10^{2} 10^{3}

capture
ENDF/B-V RB-87
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

Capture
ENDF/B-V RB-87
Heating

Energy (MeV)

Heating (MeV/reaction)

heating
ENDF/B-V RB-87
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(\text{n,\text{gma}})
Principal cross sections
ENDF/B-V RB-87
Heating

Energy (MeV) vs Heating (MeV/reaction)

- Heating increases linearly with energy up to 20 MeV.

- The heating value ranges from 0 to 5 MeV/reaction.

- The energy range is from 0 to 20 MeV.
ENDF/B-V RB-87
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)