ENDF/B-VII TH-230
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic
ENDF/B-VII TH-230
resonance total cross section
ENDF/B-VII TH-230
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-VII TH-230
resonance absorption cross sections

Cross section (barns)

Energy (MeV)

Capture peak
ENDF/B-VII TH-230
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VII TH-230
resonance absorption cross sections

Graph showing resonance absorption cross sections with energy (MeV) on the x-axis and cross section (barns) on the y-axis. The graph contains peaks and valleys indicating resonance capture and fission events.
ENDF/B-VII TH-230
Heating

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

- Heating peaks at various energy levels.
- The graph shows a sharp increase at a specific energy range.
ENDF/B-VII TH-230
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(\text{n,gma})
ENDF/B-VII TH-230
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic
ENDF/B-VII TH-230 Damage

Energy (MeV)

Damage (MeV-barns)
ENDF/B-VII TH-230
Non-threshold reactions

Cross section (barns)

Energy (MeV)

(n,gma)
ENDF/B-VII TH-230
Inelastic levels

Energy (MeV)

Cross section (barns)

(n,n*1) (n,n*2) (n,n*3) (n,n*4) (n,n*5)
ENDF/B-VII TH-230
Inelastic levels

Cross section (barns) vs Energy (MeV)

- $^{10}(-1)$
- $^{11}(n,n)$
- $^{12}(n,n)$
- $^{13}(n,n)$
- $^{14}(n,n)$
- $^{15}(n,n)$

Energy range: 0 to 20 MeV
Cross section range: 0 to $10^{-3}$ barns
ENDF/B-VII TH-230
Inelastic levels

Energy (MeV)

Cross section (barns)

*10^{-3}

(n,n*16)

(n,n*17)
ENDF/B-VII TH-230
Threshold reactions

Energy (MeV)

Cross section (barns)

- (n,2n)
- (n,3n)
- (n,n*c)
ENDF/B-VII TH-230
angular distribution for elastic
ENDF/B-VII TH-230
Total fission nubar

Energy (MeV)

Fission nubar

0 2.0 4.0
5 2.5 4.5
10 3.0
15 3.5
20 4.0