ENDF/B-V ND-143
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-V ND-143 resonance total cross section

Energy (MeV)

Cross section (barns)
ENDF/B-V ND-143
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

- capture
ENDF/B-V ND-143
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-V ND-143
resonance absorption cross sections

Energy (MeV) vs. Cross section (barns)
ENDF/B-V ND-143
Damage

Energy (MeV) vs. Damage (MeV-barns)

- Y-axis: Damage (MeV-barns)
  - 10^-4 to 10^1

- X-axis: Energy (MeV)
  - 10^-11 to 10^1

Graph showing the damage as a function of energy.
ENDF/B-V ND-143
Non-threshold reactions

Cross section (barns) vs. Energy (MeV) graph showing cross sections for reactions 
- (n,n*)a
- (n,γma)
- (n,a)
ENDF/B-V ND-143
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic

Graph showing cross section values for ENDF/B-V ND-143.
ENDF/B-V ND-143
Heating

Heating (MeV/reaction) vs. Energy (MeV)
ENDF/B-V ND-143
Non-threshold reactions

Cross section (barns) vs Energy (MeV) graph showing:
- (n,n*)a (black line)
- (n,gma) (red line)
- (n,a) (green line)
ENDF/B-V ND-143
Inelastic levels

Cross section (barns) vs. Energy (MeV)

- (n,n*6)
- (n,n*7)
- (n,n*8)
ENDF/B-V ND-143
Threshold reactions

Cross section (barns)

Energy (MeV)

*(n,d)*
*(n,t)*
*(n,he3)*
ENDF/B-V ND-143
angular distribution for elastic