ENDF/B-VII.1 HO-165
resonance total cross section

Energy (MeV)

Cross section (barns)
ENDF/B-VII.1 HO-165 resonance total cross section

Energy (MeV) vs Cross section (barns) plot with logarithmic scales.
ENDF/B-VII.1 HO-165
resonance total cross section
ENDF/B-VII.1 HO-165
resonance total cross section

Energy (MeV)

Cross section (barns)

10^{-3}  10^{-2}  10^{-1}  10^{0}  10^{1}  10^{2}
ENDF/B-VII.1 HO-165
resonance absorption cross sections

Energy (MeV) vs. Cross section (barns)

- Capture peak at low energy
- Another peak at higher energy
ENDF/B-VII.1 HO-165
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
ENDF/B-VII.1 HO-165
resonance absorption cross sections
ENDF/B-VII.1 HO-165 Damage

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

The graph shows the variation of damage with energy for different energy levels.
ENDF/B-VII.1 HO-165
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n,gma)
ENDF/B-VII.1 HO-165
Principal cross sections

Cross section (barns)

Energy (MeV)

- total
- absorption
- elastic
- gamma production
ENDF/B-VII.1 HO-165
Non-threshold reactions

Cross section (barns) vs. Energy (MeV)

(n,gma)
ENDF/B-VII.1 HO-165

Inelastic levels

Cross section (barns)

Energy (MeV)

- (n,n*6)
- (n,n*7)
- (n,n*8)
- (n,n*9)
- (n,n*10)
ENDF/B-VII.1 HO-165
angular distribution for elastic
ENDF/B-VII.1 HO-165
angular distribution for (n,n*1)
ENDF/B-VII.1 HO-165
angular distribution for (n,n*2)
ENDF/B-VII.1 HO-165
Neutron emission for (n,2n)
ENDF/B-VII.1 HO-165
Neutron emission for (n,3n)
ENDF/B-VII.1 HO-165
Neutron emission for (n,4n)
ENDF/B-VII.1 HO-165
Neutron emission for \((n,n^*c)\)
ENDF/B-VII.1 HO-165
Photon emission for (n,gma)
ENDF/B-VII.1 HO-165
Photon emission for inelastic
ENDF/B-VII.1 HO-165
Photon emission for (n,2n)
ENDF/B-VII.1 HO-165
Photon emission for (n,3n)
ENDF/B-VII.1 HO-165
Photon emission for (n,4n)
ENDF/B-VII.1 HO-165
thermal capture photon spectrum

Gamma Energy (MeV)

Gamma Prod (barns/MeV)
ENDF/B-VII.1 HO-165
14 MeV photon spectrum

Gamma Energy (MeV)

Gamma Prod (barns/MeV)