ENDF/B-VI HF-179B
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-VI HF-179B
resonance total cross section
ENDF/B-VI HF-179B
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VI HF-179B
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VI HF-179B
resonance absorption cross sections

capture
ENDF/B-VI HF-179B
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n,gma)
ENDF/B-VI HF-179B
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic

Energy (MeV)
ENDF/B-VI HF-179B Heating

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

- Heating curve shows a peak around Energy = 5 MeV.
ENDF/B-VI HF-179B
Non-threshold reactions
ENDF/B-VI HF-179B
Inelastic levels

Energy (MeV)

Cross section (barns)

(n,n*1)
(n,n*2)
(n,n*3)
(n,n*4)

Energy (MeV)
ENDF/B-VI HF-179B
Threshold reactions

Cross section (barns)

Energy (MeV)

- (n,2n)
- (n,n*γ)
- (n,p)
ENDF/B-VI HF-179B
angular distribution for elastic