ENDF/B-V HF-174
Principal cross sections

Energy (MeV)

Cross section (barns)

10^{-11}  10^{-10}  10^{-9}  10^{-8}  10^{-7}  10^{-6}  10^{-5}  10^{-4}  10^{-3}  10^{-2}  10^{-1}  10^0  10^1

- total
- absorption
- elastic
ENDF/B-V HF-174 resonance total cross section

![Graph showing ENDF/B-V HF-174 resonance total cross section. The graph plots energy in MeV on the x-axis and cross section in barns on the y-axis. There is a significant peak at a certain energy, indicating a resonance.]
ENDF/B-V HF-174
resonance total cross section

Energy (MeV)

Cross section (barns)

10^{-5}  10^{-4}  10^{-3}  10^{-2}  10^{-1}  10^{0}  10^{1}  10^{2}  10^{3}  10^{4}

total
ENDF/B-V HF-174
resonance total cross section
ENDF/B-V HF-174
resonance absorption cross sections

![Graph showing resonance capture cross sections](image)

- Cross section (barns) vs Energy (MeV)
- The graph displays a sharp peak indicating a resonance capture cross section.
ENDF/B-V HF-174 resonance absorption cross sections

Cross section (barns) vs. Energy (MeV)
ENDF/B-V HF-174 resonance absorption cross sections
ENDF/B-V HF-174
UR total cross section

Energy (MeV) vs. Cross section (barns)

- Inf. Dil.
- 100 b
- 1 b

The graph shows the total cross section for UR as a function of energy, with three different cross sections represented by different lines.
ENDF/B-V HF-174
Heating

Energy (MeV)

Heating (MeV/reaction)

10^{-11} 10^{-10} 10^{-9} 10^{-8} 10^{-7} 10^{-6} 10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1

10^{-1} 10^0 10^1

heating
ENDF/B-V HF-174
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n,gma)
ENDF/B-V HF-174 Heating

Energy (MeV) vs. Heating (MeV/reaction)
ENDF/B-V HF-174
Non-threshold reactions

$\frac{\text{Cross section (barns)}}{10^{-1}}$ vs $\text{Energy (MeV)}$

(n,gma)
ENDF/B-V HF-174
Inelastic levels

Energy (MeV)

Cross section (barns)

- (n,n*1)
- (n,n*2)
- (n,n*3)
ENDF/B-V HF-174 Threshold reactions

Cross section (barns)

Energy (MeV)

(n,xp)
ENDF/B-V HF-174
angular distribution for elastic