ENDF/B-VI NA-23H
resonance total cross section

Energy (MeV)

Cross section (barns)
ENDF/B-VI NA-23H
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-VI NA-23H
resonance total cross section

Energy (MeV)

Cross section (barns)

total
ENDF/B-VI NA-23H
resonance absorption cross sections

![Graph showing the resonance absorption cross sections for ENDF/B-VI NA-23H. The graph plots energy in MeV on the x-axis and cross section in barns on the y-axis. There is a significant peak near 10^{-3} MeV and a sharp spike near 10^{-2} MeV. The curve shows the capture process.](image-url)
ENDF/B-VI NA-23H
resonance absorption cross sections

Cross section (barns)

Energy (MeV)

Capture
ENDF/B-VI NA-23H
resonance absorption cross sections

capture
ENDF/B-VI NA-23H
resonance absorption cross sections

Cross section (barns)

Energy (MeV)

10^{-4}

10^{0} 10^{1}
ENDF/B-VI NA-23H
Heating

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

- Heating curve shown on a log-log scale.
- The heating rate increases significantly at high energies.

Energy (MeV) range: $10^{-11}$ to $10^{1}$
ENDF/B-VI NA-23H
Damage

Energy (MeV) vs. Damage (MeV-barns)
ENDF/B-VI NA-23H
Non-threshold reactions

![Graph showing cross section in barns vs energy in MeV with peaks at certain energy levels.](image-url)
ENDF/B-VI NA-23H
Principal cross sections

Energy (MeV) vs. Cross section (barns)

- Total
- Absorption
- Elastic
- Gamma production
ENDF/B-VI NA-23H
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n,gma)
ENDF/B-VI NA-23H
Threshold reactions

Energy (MeV)

Cross section (barns)

- $(n,xp)$
- $(n,xa)$
ENDF/B-VI NA-23H
angular distribution for elastic
ENDF/B-VI NA-23H
Photon emission for nonelastic
ENDF/B-VI NA-23H
thermal capture photon spectrum
ENDF/B-VI NA-23H
14 MeV photon spectrum