ENDF/B-III NA-23
Principal cross sections

Cross section (barns)

Energy (MeV)

- total
- absorption
- elastic
- gamma production
ENDF/B-III NA-23
resonance total cross section

![Graph showing resonance total cross section](image)

- Energy (MeV)
- Cross section (barns)
ENDF/B-III NA-23
resonance total cross section

![Graph showing the resonance total cross section for ENDF/B-III NA-23. The x-axis represents energy in MeV, ranging from $10^{-2}$ to $10^{-1}$. The y-axis represents cross section in barns, ranging from $10^{-1}$ to $10^1$. The graph features a spike at a specific energy, indicating a resonance peak.]
ENDF/B-III NA-23
resonance total cross section

Energy (MeV)

Cross section (barns)
ENDF/B-III NA-23
resonance total cross section
ENDF/B-III NA-23
resonance absorption cross sections

[Graph showing the cross section vs. energy with a peak at a certain energy level and a sharp rise at a higher energy level.]
ENDF/B-III NA-23
resonance absorption cross sections

Capture cross section as a function of energy (MeV).
ENDF/B-III NA-23
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
ENDF/B-III NA-23
resonance absorption cross sections

Cross section (barns)

Energy (MeV)

capture
ENDF/B-III NA-23
Non-threshold reactions

Cross section (barns) vs. Energy (MeV)

(n,gma)
ENDF/B-III NA-23
Principal cross sections

- Total
- Absorption
- Elastic
- Gamma production

Energy (MeV)

Cross section (barns)
ENDF/B-III NA-23
Non-threshold reactions

Cross section (barns)

Energy (MeV)

\(10^{-4}\)

\((n,gma)\)
ENDF/B-III NA-23
Inelastic levels

Energy (MeV)

Cross section (barns)

(n,n*6)
(n,n*7)
(n,n*8)
(n,n*9)
(n,n*10)
ENDF/B-III NA-23
Threshold reactions

Energy (MeV) vs. Cross section (barns)

- (n,2n)
- (n,n*c)
- (n,p)
- (n,a)
ENDF/B-III NA-23
angular distribution for elastic
ENDF/B-III NA-23
angular distribution for (n,2n)
ENDF/B-III NA-23
angular distribution for (n,n*1)
ENDF/B-III NA-23
angular distribution for (n,n*2)
ENDF/B-III NA-23
angular distribution for (n,n*3)
ENDF/B-III NA-23
angular distribution for (n,n*4)
ENDF/B-III NA-23
angular distribution for (n,n*5)
ENDF/B-III NA-23
angular distribution for (n,n*6)
ENDF/B-III NA-23
angular distribution for (n,n*7)
ENDF/B-III NA-23
angular distribution for (n,n*8)
ENDF/B-III NA-23
angular distribution for \((n,n^*10)\)
ENDF/B-III NA-23
angular distribution for (n,n*11)
ENDF/B-III NA-23
angular distribution for (n,n*12)
ENDF/B-III NA-23
angular distribution for (n,n*13)
ENDF/B-III NA-23
angular distribution for (n,n*14)
ENDF/B-III NA-23
angular distribution for (n,n*15)
ENDF/B-III NA-23
angular distribution for (n,n*16)
ENDF/B-III NA-23
angular distribution for (n,n*17)
ENDF/B-III NA-23
angular distribution for (n,n^*18)
ENDF/B-III NA-23
angular distribution for (n,n*c)
ENDF/B-III NA-23
thermal capture photon spectrum

Gamma Energy (MeV)

Gamma Prod (barns/MeV)
ENDF/B-III NA-23
14 MeV photon spectrum