ENDF/B-III AG-109
Principal cross sections

Energy (MeV) vs. Cross section (barns) graph.
ENDF/B-III AG-109
resonance total cross section

Energy (MeV)

Cross section (barns)

10^4

10^3

10^2

10^1

10^{-6} 10^{-5}
ENDF/B-III AG-109
resonance total cross section

Energy (MeV) vs. Cross section (barns)

- The graph shows the resonance total cross section for ENDF/B-III AG-109.
- The x-axis represents energy in MeV, ranging from $10^{-5}$ to $10^{-4}$.
- The y-axis represents the cross section in barns, ranging from $10^{-5}$ to $10^3$.
- The line labeled "total" indicates the resonance structure with peaks at specific energies.

The graph visually demonstrates the behavior of the cross section at different energy levels, highlighting the resonant peaks.
ENDF/B-III AG-109
resonance total cross section
ENDF/B-III AG-109
resonance total cross section

Energy (MeV)

Cross section (barns)
ENDF/B-III AG-109
resonance absorption cross sections
ENDF/B-III AG-109
resonance absorption cross sections
ENDF/B-III AG-109
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-III AG-109
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

10^{-1}

10^{-2}

10^{-3}

10^{-4}

10^{-5}

10^{0}

10^{1}

capture
ENDF/B-III AG-109
Non-threshold reactions

Cross section (barns) vs. Energy (MeV)

The graph shows the cross section in barns as a function of energy in MeV. The cross section decreases as the energy increases, with a logarithmic scale for both axes.
ENDF/B-III AG-109
Inelastic levels

Cross section (barns) vs. Energy (MeV)

- (n,n*1)
- (n,n*2)
- (n,n*3)
- (n,n*4)
- (n,n*5)
ENDF/B-III AG-109
angular distribution for elastic
ENDF/B-III AG-109
angular distribution for (n,2n)
ENDF/B-III AG-109
angular distribution for (n,n*1)
ENDF/B-III AG-109
angular distribution for (n,n*2)
ENDF/B-III AG-109
angular distribution for (n,n*3)
ENDF/B-III AG-109
angular distribution for \((n,n^4)\)
ENDF/B-III AG-109
angular distribution for \((n,n^*5)\)
ENDF/B-III AG-109
angular distribution for (n,n*c)