ENDF/B-VI CD-116D
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-VI CD-116D
resonance total cross section

Energy (MeV)

Cross section (barns)

10^2
10^1
10^0
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
10^{-6}
10^{-7}
10^{-8}
10^{-9}
10^{-10}
10^{-11}
10^{-12
ENDF/B-VI CD-116D
resonance total cross section

Energy (MeV)

Cross section (barns)

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

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

Energy (MeV)
ENDF/B-VI CD-116D
resonance absorption cross sections

![Graph showing resonance absorption cross sections. The x-axis represents energy in MeV, and the y-axis represents cross section in barns. The graph features a sharp peak and a gradual decrease on both sides.]
ENDF/B-VI CD-116D
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

- Capture
ENDF/B-VI CD-116D resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VI CD-116D
Damage

Damage (MeV-barns)

Energy (MeV)
ENDF/B-VI CD-116D
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n,gma)
ENDF/B-VI CD-116D
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic

Energy (MeV)
ENDF/B-VI CD-116D Damage

![Graph showing the relationship between energy (MeV) and damage (MeV-barns). The damage increases as the energy increases.]

- X-axis: Energy (MeV)
- Y-axis: Damage (MeV-barns)

The graph illustrates the Damage as a function of Energy (MeV), with the damage increasing significantly as the energy increases.
ENDF/B-VI CD-116D
Non-threshold reactions

Cross section (barns) vs. Energy (MeV)
ENDF/B-VI CD-116D
Inelastic levels

Energy (MeV)

Cross section (barns)

(n,n*6)
ENDF/B-VI CD-116D
Threshold reactions

Energy (MeV)

Cross section (barns)

- (n,2n)
- (n,3n)
- (n,n*)a
- (n,n*)p
- (n,n*)d

Energy (MeV)
ENDF/B-VI CD-116D
angular distribution for elastic
ENDF/B-VI CD-116D
Neutron emission for (n,2n)
ENDF/B-VI CD-116D
Neutron emission for (n,3n)
ENDF/B-VI CD-116D
Neutron emission for (n,n*)a
ENDF/B-VI CD-116D
Neutron emission for (n,n*)p
ENDF/B-VI CD-116D
Neutron emission for (n,n*)d
ENDF/B-VI CD-116D
Neutron emission for (n,n*)t
ENDF/B-VI CD-116D
Neutron emission for (n,n^c)