ENDF/B-VI IR-191D
resonance total cross section
ENDF/B-VI IR-191D
resonance total cross section

Cross section (barns) vs. Energy (MeV)

- Total cross section

Log-log plot showing the variation of cross section with energy.
ENDF/B-VI IR-191D
resonance absorption cross sections
ENDF/B-VI IR-191D resonance absorption cross sections

Cross section (barns) vs Energy (MeV)

Capture resonance peaks are shown on the graph.

The y-axis represents the cross section in barns (units of area), ranging from $10^{-4}$ to $10^3$. The x-axis represents energy in MeV, ranging from $10^{-4}$ to $10^{-3}$.
ENDF/B-VI IR-191D
Heating

Heating (MeV/reaction)

Energy (MeV)
ENDF/B-VI IR-191D
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n,gma)
ENDF/B-VI IR-191D
Principal cross sections

Cross section (barns)

Energy (MeV)

- total
- absorption
- elastic
- gamma production
ENDF/B-VI IR-191D
Non-threshold reactions

Cross section (barns)

Energy (MeV)
ENDF/B-VI IR-191D
Threshold reactions

Energy (MeV)

Cross section (barns)

*(n,xp)
*(n,xa)
ENDF/B-VI IR-191D
angular distribution for elastic
ENDF/B-VI IR-191D
Neutron emission for (n,2n)
ENDF/B-VI IR-191D
Neutron emission for (n,2n)
ENDF/B-VI IR-191D
Neutron emission for (n,3n)
ENDF/B-VI IR-191D
Neutron emission for (n,3n)
ENDF/B-VI IR-191D
Neutron emission for (n,3n)
ENDF/B-VI IR-191D
Neutron emission for (n,n*c)
ENDF/B-VI IR-191D
Photon emission for (n,n*c)
ENDF/B-VI IR-191D
Photon emission for (n,gma)
ENDF/B-VI IR-191D
Photon emission for (n,a)
ENDF/B-VI IR-191D thermal capture photon spectrum
ENDF/B-VI IR-191D
14 MeV photon spectrum