JEFF-3.0 HF-180
resonance total cross section

Energy (MeV)

Cross section (barns)

10^4
10^3
10^2
10^1
10^{-5}
10^{-4}
JEFF-3.0 HF-180
resonance total cross section

Energy (MeV)

Cross section (barns)

total
JEFF-3.0 HF-180
resonance total cross section

Cross section (barns)

Energy (MeV)
JEFF-3.0 HF-180
resonance total cross section

Cross section (barns)

Energy (MeV)
JEFF-3.0 HF-180 resonance absorption cross sections

![Graph showing cross section versus energy with a peak at a specific energy level.](image)
JEFF-3.0 HF-180
resonance absorption cross sections

Capture cross section as a function of energy (MeV).
JEFF-3.0 HF-180 resonance absorption cross sections

Cross section (barns) vs. Energy (MeV)

The graph shows the JEFF-3.0 HF-180 resonance absorption cross sections. The y-axis represents the cross section in barns, while the x-axis represents the energy in MeV. The graph includes a line labeled 'capture'.
JEFF-3.0 HF-180
resonance absorption cross sections

Energy (MeV) vs. Cross section (barns)
JEFF-3.0 HF-180
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n,gma)
JEFF-3.0 HF-180
Inelastic levels

Energy (MeV)

Cross section (barns)

(n,n*1)
(n,n*2)
(n,n*3)
(n,n*4)
(n,n*5)
JEFF-3.0 HF-180
angular distribution for elastic
JEFF-3.0 HF-180
angular distribution for (n,n^*1)
JEFF-3.0 HF-180
angular distribution for (n,n*2)
JEFF-3.0 HF-180
angular distribution for \((n,n^*3)\)
JEFF-3.0 HF-180
angular distribution for (n,n*4)
JEFF-3.0 HF-180
angular distribution for (n,n^*5)
JEFF-3.0 HF-180
angular distribution for (n,n*6)
JEFF-3.0 HF-180
angular distribution for \((n,n^*7)\)
JEFF-3.0 HF-180
angular distribution for (n,n*8)
JEFF-3.0 HF-180
angular distribution for (n,n*9)
JEFF-3.0 HF-180
angular distribution for (n,n*10)
JEFF-3.0 HF-180
angular distribution for \((n,n^*11)\)
JEFF-3.0 HF-180
Neutron emission for (n,2n)
JEFF-3.0 HF-180
Neutron emission for (n,3n)
JEFF-3.0 HF-180
Neutron emission for (n,n*c)
JEFF-3.0 HF-180
Photon emission for (n,2n)
JEFF-3.0 HF-180
Photon emission for (n,3n)
JEFF-3.0 HF-180
Photon emission for (n,n*c)
JEFF-3.0 HF-180
Photon emission for (n,gma)
JEFF-3.0 HF-180
Photon emission for (n,p)
JEFF-3.0 HF-180
Photon emission for (n,a)
JEFF-3.0 HF-180
thermal capture photon spectrum

Gamma Energy (MeV)

Gamma Prod (barns/MeV)
JEFF-3.0 HF-180
14 MeV photon spectrum

Gamma Energy (MeV)

Gamma Prod (barns/MeV)