JEFF-3.0 BA-135
resonance total cross section

Energy (MeV)

Cross section (barns)
JEFF-3.0 BA-135
resonance total cross section

Cross section (barns)

Energy (MeV)
JEFF-3.0 BA-135
resonance total cross section

Energy (MeV)

Cross section (barns)

total
JEFF-3.0 BA-135
resonance total cross section

Energy (MeV)

Cross section (barns)
JEFF-3.0 BA-135
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
JEFF-3.0 BA-135
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
JEFF-3.0 BA-135
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
JEFF-3.0 BA-135
resonance absorption cross sections

![Graph showing the resonance absorption cross sections of JEFF-3.0 BA-135. The x-axis represents energy in MeV, ranging from $10^{-1}$ to $10^0$. The y-axis represents cross section in barns, ranging from $10^{-1}$ to $10^1$. The graph shows a decreasing trend in cross section with increasing energy.](image-url)
JEFF-3.0 BA-135
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
JEFF-3.0 BA-135
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n,gma)
JEFF-3.0 BA-135
Principal cross sections

Energy (MeV) vs. Cross section (barns)
- Total cross section
- Absorption cross section
- Elastic cross section

Legend:
- Total
- Absorption
- Elastic
JEFF-3.0 BA-135
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n,gma)
JEFF-3.0 BA-135
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 BA-135
Threshold reactions

Energy (MeV)

Cross section (barns)

*(n,a)*
JEFF-3.0 BA-135
angular distribution for elastic
JEFF-3.0 BA-135
angular distribution for (n,2n)
JEFF-3.0 BA-135
angular distribution for (n,3n)
JEFF-3.0 BA-135
angular distribution for (n,n*)a
JEFF-3.0 BA-135
angular distribution for (n,n*)p
JEFF-3.0 BA-135
angular distribution for (n,n*)d
JEFF-3.0 BA-135
angular distribution for (n,n*1)
JEFF-3.0 BA-135
angular distribution for (n,n*2)
JEFF-3.0 BA-135
angular distribution for (n,n^3)
JEFF-3.0 BA-135
angular distribution for (n,n^*4)
JEFF-3.0 BA-135
angular distribution for \((n,n^*5)\)
JEFF-3.0 BA-135
angular distribution for (n,n*6)
JEFF-3.0 BA-135
angular distribution for (n,n*7)
JEFF-3.0 BA-135
angular distribution for (n,n*c)
JEFF-3.0 BA-135
Neutron emission for (n,2n)
JEFF-3.0 BA-135
Neutron emission for (n,3n)
JEFF-3.0 BA-135
Neutron emission for (n,n*)a
JEFF-3.0 BA-135
Neutron emission for \((n,n^*)p\)
JEFF-3.0 BA-135
Neutron emission for (n,n*)d
JEFF-3.0 BA-135
Neutron emission for \((n,n^*c)\)