ENDF/B-VII BA-138
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic
ENDF/B-VII BA-138
resonance total cross section

Energy (MeV)

Cross section (barns)
ENDF/B-VII BA-138
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-VII BA-138
resonance total cross section

Energy (MeV)

Cross section (barns)
ENDF/B-VII BA-138
resonance absorption cross sections

![Graph showing resonance absorption cross sections for BA-138. The graph plots cross section (in barns) against energy (in MeV). There is a sharp peak indicating a resonance.]
ENDF/B-VII BA-138
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
ENDF/B-VII BA-138
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VII BA-138
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VII BA-138

Heating

Energy (MeV)

Heating (MeV/reaction)
ENDF/B-VII BA-138
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n,gma)
ENDF/B-VII BA-138
Principal cross sections

Energy (MeV)

Cross section (barns)

total
absorption
elastic
ENDF/B-VII BA-138
Heating

Heating (MeV/reaction) vs. Energy (MeV)
ENDF/B-VII BA-138
Non-threshold reactions

Energy (MeV) vs. Cross section (barns)

(n,gma)
ENDF/B-VII BA-138
Inelastic levels

Cross section (barns) vs. Energy (MeV)

- (n,n\*1)
- (n,n\*2)
- (n,n\*3)
ENDF/B-VII BA-138
Threshold reactions

Energy (MeV)

Cross section (barns)

- (n,p)
- (n,d)
- (n,t)
- (n,he3)
- (n,a)
angular distribution for elastic
ENDF/B-VII BA-138
angular distribution for (n,2n)
ENDF/B-VII BA-138
angular distribution for (n,3n)
ENDF/B-VII BA-138
angular distribution for (n,n*)a
ENDF/B-VII BA-138
angular distribution for (n,n*)p
ENDF/B-VII BA-138
angular distribution for (n,n*1)
ENDF/B-VII BA-138
angular distribution for (n,n^2)
ENDF/B-VII BA-138
angular distribution for (n,n*3)

energy (MeV)
ENDF/B-VII BA-138
angular distribution for (n,n*c)
ENDF/B-VII BA-138
Neutron emission for (n,2n)
ENDF/B-VII BA-138
Neutron emission for (n,3n)
ENDF/B-VII BA-138
Neutron emission for \((n,n^*)a\)
ENDF/B-VII BA-138
Neutron emission for \((n,n^*)p\)