ENDF/B-VII.1 BA-137
Principal cross sections

Energy (MeV)

Cross section (barns)

total
absorption
elastic

Energy (MeV)
ENDF/B-VII.1 BA-137
resonance total cross section

Energy (MeV)

Cross section (barns)

- total
ENDF/B-VII.1 BA-137
resonance total cross section

_energy (MeV) |
cross section (barns) |

- Energy (MeV)
- Cross section (barns)
ENDF/B-VII.1 BA-137
resonance total cross section

![Graph showing resonance total cross section with energy (MeV) on the x-axis and cross section (barns) on the y-axis.]
ENDF/B-VII.1 BA-137
resonance total cross section

Energy (MeV)

Cross section (barns)

total
ENDF/B-VII.1 BA-137
resonance absorption cross sections
ENDF/B-VII.1 BA-137
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
ENDF/B-VII.1 BA-137
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VII.1 BA-137 resonance absorption cross sections

Energy (MeV) vs. Cross section (barns)

Capture cross section curve

Log-log scale representation
ENDF/B-VII.1 BA-137
UR elastic cross section

Energy (MeV)

Cross section (barns)

Inf. Dil.
100 b
1 b

10^{-2} 10^{-1} 10^{1}
ENDF/B-VII.1 BA-137
UR capture cross section

Energy (MeV)

Cross section (barns)

Inf. Dil.
100 b
1 b
ENDF/B-VII.1 BA-137
Damage

Damage (MeV-barns)

Energy (MeV)
ENDF/B-VII.1 BA-137

Non-threshold reactions

![Graph showing cross section vs energy for BA-137 with (n,gma) reaction indicated.](image-url)
ENDF/B-VII.1 BA-137
Principal cross sections

![Graph showing cross sections in barns against energy in MeV.]

- **Total**
- **Absorption**
- **Elastic**
ENDF/B-VII.1 BA-137 Heating

![Graph showing heating (MeV/reaction) versus energy (MeV)]
ENDF/B-VII.1 BA-137
Non-threshold reactions

Cross section (barns)

Energy (MeV)
ENDF/B-VII.1 BA-137
Inelastic levels

Energy (MeV) vs. Cross section (barns)

- (n,n*1) black line
- (n,n*2) red line
- (n,n*3) green line
- (n,n*4) blue line
- (n,n*5) magenta line
ENDF/B-VII.1 BA-137
Inelastic levels

Energy (MeV)

Cross section (barns)

Energy (MeV)

Cross section (barns)

(n,n*6)  
(n,n*7)  
(n,n*8)
ENDF/B-VII.1 BA-137
Threshold reactions

Energy (MeV)

Cross section (barns)

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

Cross section (barns) vs. Energy (MeV)

- (n,xp)
- (n,xd)
- (n,xt)
- (n,xa)
ENDF/B-VII.1 BA-137
angular distribution for elastic
ENDF/B-VII.1 BA-137
angular distribution for (n,2n)
ENDF/B-VII.1 BA-137
angular distribution for \( (n,3n) \)
ENDF/B-VII.1 BA-137
angular distribution for (n,n*)a
ENDF/B-VII.1 BA-137
angular distribution for (n,n*)p
ENDF/B-VII.1 BA-137
angular distribution for (n,n*)d
ENDF/B-VII.1 BA-137
angular distribution for (n,n*1)
ENDF/B-VII.1 BA-137
angular distribution for (n,n*2)
ENDF/B-VII.1 BA-137
angular distribution for (n,n*3)
ENDF/B-VII.1 BA-137
angular distribution for (n,n*4)
ENDF/B-VII.1 BA-137
angular distribution for \((n,n^*5)\)
ENDF/B-VII.1 BA-137
angular distribution for \((n,n^\ast 6)\)
ENDF/B-VII.1 BA-137
angular distribution for (n,n*7)
ENDF/B-VII.1 BA-137
angular distribution for (n,n*8)
ENDF/B-VII.1 BA-137
angular distribution for \((n,n^*c)\)
ENDF/B-VII.1 BA-137
Neutron emission for (n,2n)
ENDF/B-VII.1 BA-137
Neutron emission for (n,3n)
ENDF/B-VII.1 BA-137
Neutron emission for (n,n*)\text{a}
ENDF/B-VII.1 BA-137
Neutron emission for \( (n,n^*)p \)
ENDF/B-VII.1 BA-137
Neutron emission for (n,n*)d

Energy (MeV)
ENDF/B-VII.1 BA-137
Neutron emission for (n,n*c)