56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
 resonance total cross section

Energy (MeV)

Cross section (barns)

- total
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
resonance total cross section

Energy (MeV)

Cross section (barns)

10^{-2} 10^{-1} 10^{0} 10^{1} 10^{2}

total
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
resonance total cross section

![Graph showing cross section vs. energy](image_url)
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
resonance absorption cross sections

![Graph showing cross section vs. energy](image-url)
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
resonance absorption cross sections

![Graph showing capture cross section vs. energy.](image-url)
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ UR total cross section

Energy (MeV) vs. Cross section (barns) for different cross sections:

- Inf. Dil.
- 100 b
- 1 b
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
UR elastic cross section

Cross section (barns)

Energy (MeV)
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
UR capture cross section

Cross section (barns)

Energy (MeV)

Inf. Dil.
100 b
1 b
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+

Heating

Heating (MeV/reaction)

Energy (MeV)
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
Heating

Heating (MeV/reaction)

Energy (MeV)
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
Damage

Energy (MeV)

Damage (MeV-barns)

damage

0.0
0.1
0.2
0.3
0.4
0.5
0.6

0 50 100 150 200

energy (MeV)
Non-threshold reactions

56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+

Cross section (barns)

Energy (MeV)
Inelastic levels

Cross section (barns)

Energy (MeV)

56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+

(n,n*)1
(n,n*)2
(n,n*)3
(n,n*)4
(n,n*)5
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
Inelastic levels

Cross section (barns)

Energy (MeV)
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
Threshold reactions

Energy (MeV)

Cross section (barns)

- (n,xp)
- (n,xd)
- (n,xt)
- (n,xhe3)
- (n,xa)
angular distribution for elastic
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
angular distribution for (n,2n)
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
angular distribution for (n,3n)
angular distribution for (n,n*)a
angular distribution for (n,n*)p
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
angular distribution for \( (n,n^\ast1) \)
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
angular distribution for (n,n*2)
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
angular distribution for (n,n*3)
angular distribution for (n,n*4)
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
angular distribution for (n,n*5)

![Graph showing angular distribution for (n,n*5)]
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
angular distribution for (n,n*6)
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
angular distribution for (n,n*7)
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
angular distribution for (n,n*8)
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
angular distribution for (n,n*9)
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
angular distribution for (n,n*10)
angular distribution for (n,n*c)
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
Neutron emission for (n,x)
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
Neutron emission for (n,2n)
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
Neutron emission for (n,3n)
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
Neutron emission for (n,n*)p
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
Neutron emission for (n,n*c)
Photon emission for (n,x)
Particle heating contributions

- protons
- deuterons
- tritons
- he-3
- alphas
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
Recoil Heating

![Graph showing recoil heating vs energy (MeV). The graph has a line labeled 'recoil heating' that increases with energy.]
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
protons from (n,x)
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
deuterons from (n,x)
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
tritons from (n,x)
56-BA-136 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+
alphas from (n,x)