ENDF/B-VII XE-134
Principal cross sections

Energy (MeV) vs. Cross section (barns)

- Total
- Absorption
- Elastic

Graph showing cross sections vs. energy with logarithmic scales for both axes.
ENDF/B-VII XE-134
resonance total cross section
ENDF/B-VII XE-134 resonance total cross section

Energy (MeV)

Cross section (barns)

10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2

total
ENDF/B-VII XE-134
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VII XE-134
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
ENDF/B-VII XE-134
UR total cross section

Energy (MeV)

Cross section (barns)

- Inf. Dil.
- 100 b

Energy (MeV)

Cross section (barns)
ENDF/B-VII XE-134
UR elastic cross section

Energy (MeV)

Cross section (barns)

Inf. Dil.

100 b
ENDF/B-VII XE-134
UR capture cross section
ENDF/B-VII XE-134

Heating

Heating (MeV/reaction)

Energy (MeV)
ENDF/B-VII XE-134
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n,gma)
ENDF/B-VII XE-134
Principal cross sections

Energy (MeV) vs. Cross section (barns) graph:
- Total cross section
- Absorption cross section
- Elastic cross section
ENDF/B-VII XE-134
Heating

![Graph showing heating vs. energy (MeV). The graph has a y-axis labeled Heating (MeV/reaction) and an x-axis labeled Energy (MeV). The graph shows a peak in heating at around 10 MeV, with heating rising and then falling before rising again.](image-url)
ENDF/B-VII XE-134
Inelastic levels

Cross section (barns) vs. Energy (MeV)

- (n,n*6)
- (n,n*7)
- (n,n*8)
- (n,n*9)
- (n,n*10)
angular distribution for elastic
ENDF/B-VII XE-134
angular distribution for (n,2n)
ENDF/B-VII XE-134 angular distribution for (n,3n)

Energy (MeV)

Cosine

Prob/Cos

1
0
-1
0
-1

-0.5
0
0.5
1

-1.0
1.0
ENDF/B-VII XE-134
angular distribution for \((n,n^*)p\)
ENDF/B-VII XE-134
angular distribution for (n,n*1)
ENDF/B-VII XE-134
angular distribution for (n,n*2)
ENDF/B-VII XE-134
angular distribution for (n,n*3)

Energy (MeV)

Cosine

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0

1.0 2.0 1.6 1.4 1.2 1.0

0.0 -0.5 -1.0

-1.0 -1.5 -2.0
ENDF/B-VII XE-134
angular distribution for (n,n*4)
ENDF/B-VII XE-134

angular distribution for (n,n*5)

Energy (MeV)

Cosine

Prob/Cos

Prob/Cos

Prob/Cos
ENDF/B-VII XE-134

angular distribution for (n,n*6)
ENDF/B-VII XE-134
angular distribution for (n,n*7)
ENDF/B-VII XE-134
angular distribution for (n,n*8)
ENDF/B-VII XE-134
angular distribution for (n,n*9)
ENDF/B-VII XE-134
angular distribution for (n,n*10)
ENDF/B-VII XE-134
angular distribution for \( (n,n^*11) \)
ENDF/B-VII XE-134
angular distribution for (n,n*12)
ENDF/B-VII XE-134
angular distribution for \((n,n^*13)\)
ENDF/B-VII XE-134 angular distribution for (n,n*14)
ENDF/B-VII XE-134
angular distribution for (n,n*15)
ENDF/B-VII XE-134
angular distribution for (n,n'*16)
ENDF/B-VII XE-134
angular distribution for \((n,n^{*17})\)
ENDF/B-VII XE-134
angular distribution for (n,n*18)
ENDF/B-VII XE-134
angular distribution for (n,n*19)
ENDF/B-VII XE-134
angular distribution for (n,n\*c)
ENDF/B-VII XE-134
Neutron emission for (n,2n)
ENDF/B-VII XE-134
Neutron emission for (n,3n)
ENDF/B-VII XE-134
Neutron emission for (n,n*)a
ENDF/B-VII XE-134
Neutron emission for (n,n*)p
ENDF/B-VII XE-134
Neutron emission for (n,n*c)