ENDF/B-VII.1 CS-134 resonance total cross section
ENDF/B-VII.1 CS-134
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-VII.1 CS-134
resonance total cross section

Cross section (barns)

Energy (MeV)

total
ENDF/B-VII.1 CS-134
resonance absorption cross sections

![Graph showing resonance absorption cross sections for CS-134, with energy on the x-axis and cross section on the y-axis, highlighting capture events.]
ENDF/B-VII.1 CS-134
resonance absorption cross sections
ENDF/B-VII.1 CS-134 resonance absorption cross sections

Energy (MeV) vs. Cross section (barns)

- Capture
ENDF/B-VII.1 CS-134
resonance absorption cross sections

![Graph showing cross section vs energy for CS-134. The x-axis represents energy in MeV, ranging from 10^0 to 10^1, and the y-axis represents cross section in barns, ranging from 10^1 to 10^{-3}. The graph shows a smooth decrease in cross section as energy increases.]

- **capture**
ENDF/B-VII.1 CS-134
UR total cross section

Energy (MeV)

Cross section (barns)

Inf. Dil.
100 b
1 b

Energy (MeV)
ENDF/B-VII.1 CS-134
UR elastic cross section

Cross section (barns)

Energy (MeV)
ENDF/B-VII.1 CS-134
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n,gma)
ENDF/B-VII.1 CS-134
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic

Energy (MeV)
ENDF/B-VII.1 CS-134 Damage

Energy (MeV) vs. Damage (MeV-barns)

- Damage increases with increasing energy.

- The graph shows a linear relationship between energy and damage.

- The damage value is on a logarithmic scale, indicating a large range of values for damage at lower energies.

- The damage at 20 MeV is approximately 350 MeV-barns.
ENDF/B-VII.1 CS-134
Inelastic levels

![Graph showing the cross-sections for different inelastic levels of CS-134. The x-axis represents energy in MeV, and the y-axis represents cross-section in barns. The graph includes curves for (n,n*1), (n,n*2), (n,n*3), (n,n*4), and (n,n*5).]
ENDF/B-VII.1 CS-134
Inelastic Levels

Cross section (barns) vs. Energy (MeV)

Lines represent different inelastic levels:
- (n,n*21)
- (n,n*22)
- (n,n*23)
- (n,n*24)
- (n,n*25)
ENDF/B-VII.1 CS-134
Threshold reactions

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

Cross section (barns) vs. Energy (MeV)
ENDF/B-VII.1 CS-134
Threshold reactions

Energy (MeV)

Cross section (barns)

- (n,n*)t
- (n,n*c)
- (n,p)
- (n,d)
- (n,t)
ENDF/B-VII.1 CS-134
Threshold reactions

Energy (MeV)

Cross section (barns)

*10^-3

(n,he3)

(n,a)
ENDF/B-VII.1 CS-134
angular distribution for elastic
ENDF/B-VII.1 CS-134
angular distribution for (n,2n)
ENDF/B-VII.1 CS-134
angular distribution for (n,3n)
ENDF/B-VII.1 CS-134
angular distribution for (n,n*)a
ENDF/B-VII.1 CS-134
angular distribution for (n,n*)p
ENDF/B-VII.1 CS-134
angular distribution for (n,n*)d
ENDF/B-VII.1 CS-134
angular distribution for (n,n*)t
ENDF/B-VII.1 CS-134
angular distribution for (n,n*1)
ENDF/B-VII.1 CS-134
angular distribution for (n,n*2)
ENDF/B-VII.1 CS-134
angular distribution for \((n,n*3)\)
ENDF/B-VII.1 CS-134 angular distribution for (n,n*4)
ENDF/B-VII.1 CS-134
angular distribution for (n,n*6)
ENDF/B-VII.1 CS-134
angular distribution for \((n,n^*7)\)
ENDF/B-VII.1 CS-134
angular distribution for (n,n*8)
ENDF/B-VII.1 CS-134
angular distribution for (n,n*9)
ENDF/B-VII.1 CS-134 angular distribution for (n,n*10)
ENDF/B-VII.1 CS-134
angular distribution for \((n,n\times11)\)
ENDF/B-VII.1 CS-134
angular distribution for (n,n*12)
ENDF/B-VII.1 CS-134
angular distribution for (n,n*13)
ENDF/B-VII.1 CS-134
angular distribution for (n,n*14)
ENDF/B-VII.1 CS-134
angular distribution for (n,n*15)
ENDF/B-VII.1 CS-134
angular distribution for (n,n*16)
ENDF/B-VII.1 CS-134
angular distribution for (n,n*17)
ENDF/B-VII.1 CS-134
angular distribution for (n,n*18)
ENDF/B-VII.1 CS-134
angular distribution for \((n,n^{*}19)\)
ENDF/B-VII.1 CS-134
angular distribution for \( (n,n^{*20}) \)
ENDF/B-VII.1 CS-134
angular distribution for (n,n*21)
ENDF/B-VII.1 CS-134 angular distribution for (n,n*22)
ENDF/B-VII.1 CS-134
angular distribution for (n,n*24)
ENDF/B-VII.1 CS-134
angular distribution for (n,n*25)
ENDF/B-VII.1 CS-134
angular distribution for (n,n*26)
ENDF/B-VII.1 CS-134
angular distribution for (n,n*27)
ENDF/B-VII.1 CS-134
angular distribution for (n,n*28)
ENDF/B-VII.1 CS-134
angular distribution for (n,n*29)
ENDF/B-VII.1 CS-134
angular distribution for (n,n*c)
ENDF/B-VII.1 CS-134
Neutron emission for (n,2n)
ENDF/B-VII.1 CS-134
Neutron emission for (n,3n)
ENDF/B-VII.1 CS-134
Neutron emission for \( (n,n^*)a \)
ENDF/B-VII.1 CS-134
Neutron emission for $(n, n^*)p$
ENDF/B-VII.1 CS-134
Neutron emission for (n,n*)d
ENDF/B-VII.1 CS-134
Neutron emission for \((n,n^*)t\)
ENDF/B-VII.1 CS-134
Neutron emission for \((n,n^*c)\)