ENDF/B-VII.1 XE-129
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic
ENDF/B-VII.1 XE-129
resonance total cross section

![Graph showing the resonance total cross section for XE-129, with energy on the x-axis (MeV) and cross section on the y-axis (barns). The graph includes a line labeled 'total'.]
ENDF/B-VII.1 XE-129
resonance total cross section

Energy (MeV) vs. Cross section (barns)
ENDF/B-VII.1 XE-129
resonance total cross section

Energy (MeV)

Cross section (barns)

total
ENDF/B-VII.1 XE-129
resonance total cross section

Energy (MeV)

Cross section (barns)

- Energy (MeV)
- Cross section (barns)
ENDF/B-VII.1 XE-129
resonance total cross section

Energy (MeV)

Cross section (barns)

total
ENDF/B-VII.1 XE-129
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VII.1 XE-129 resonance absorption cross sections

capture
ENDF/B-VII.1 XE-129
resonance absorption cross sections

![Graph showing resonance absorption cross sections for ENDF/B-VII.1 XE-129. The graph plots energy (MeV) on the x-axis and cross section (barns) on the y-axis, with the cross section decreasing as energy increases.]
ENDF/B-VII.1 XE-129
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

Capture
ENDF/B-VII.1 XE-129
UR total cross section

Energy (MeV)

Cross section (barns)

Inf. Dil.
100 b
1 b
ENDF/B-VII.1 XE-129
UR elastic cross section

Energy (MeV)

Cross section (barns)

Inf. Dil.
100 b
1 b
ENDF/B-VII.1 XE-129

Heating

Energy (MeV) vs. Heating (MeV/reaction)

- Heating in the range of 10^{-11} to 10^1 MeV
- Energy axis is logarithmic
- Heating axis is logarithmic
ENDF/B-VII.1 XE-129 Damage

Energy (MeV) vs. Damage (MeV-barns)
ENDF/B-VII.1 XE-129

Heating

Heating (MeV/reaction) vs. Energy (MeV) graph.
ENDF/B-VII.1 XE-129
Inelastic levels

Energy (MeV) vs. Cross section (barns) for different inelastic levels:
- (n,n*1)
- (n,n*2)
- (n,n*3)
- (n,n*4)
- (n,n*5)
ENDF/B-VII.1 XE-129

Inelastic levels

Cross section (barns) vs. Energy (MeV)

- (n,n*6)
- (n,n*7)
- (n,n*8)
- (n,n*9)
- (n,n*10)
ENDF/B-VII.1 XE-129
Threshold reactions

Cross section (barns) vs. Energy (MeV)

- (n,2n)
- (n,3n)
- (n,n*)a
- (n,n*)p
- (n,n*)d
ENDF/B-VII.1 XE-129
Threshold reactions

Energy (MeV)

Cross section (barns)

- (n,n*)
- (n,p)
- (n,d)
- (n,t)
- (n,he3)
ENDF/B-VII.1 XE-129
Threshold reactions

Energy (MeV)

Cross section (barns)
ENDF/B-VII.1 XE-129
Threshold reactions

Energy (MeV)

Cross section (barns)

- (n,xp)
- (n,xd)
- (n,xt)
- (n,xhe3)
- (n,xa)
ENDF/B-VII.1 XE-129
angular distribution for elastic
ENDF/B-VII.1 XE-129
angular distribution for (n,2n)
ENDF/B-VII.1 XE-129
angular distribution for (n,3n)
ENDF/B-VII.1 XE-129
angular distribution for (n,n*)a
ENDF/B-VII.1 XE-129
angular distribution for (n,n*)p
ENDF/B-VII.1 XE-129
angular distribution for (n,n*)d
ENDF/B-VII.1 XE-129
angular distribution for (n,n*1)
ENDF/B-VII.1 XE-129
angular distribution for (n,n*2)
ENDF/B-VII.1 XE-129
angular distribution for (n,n*4)
ENDF/B-VII.1 XE-129
angular distribution for (n,n*5)
ENDF/B-VII.1 XE-129
angular distribution for (n,n*6)

Probl.Cos

Cosine

Energy (MeV)

10^0

1.0 0.5 0.0 -0.5 -1.0 0 4 6 8 10 12 14 16 18 20
ENDF/B-VII.1 XE-129
angular distribution for (n,n*7)
ENDF/B-VII.1 XE-129
angular distribution for (n,n*8)
ENDF/B-VII.1 XE-129
angular distribution for \((n,n^*9)\)
ENDF/B-VII.1 XE-129
angular distribution for (n,n*10)
ENDF/B-VII.1 XE-129
angular distribution for (n,n*11)
ENDF/B-VII.1 XE-129
angular distribution for (n,n*12)
ENDF/B-VII.1 XE-129
angular distribution for (n,n*13)
ENDF/B-VII.1 XE-129
angular distribution for (n,n\*14)
ENDF/B-VII.1 XE-129
angular distribution for (n,n*15)
ENDF/B-VII.1 XE-129
angular distribution for (n,n*16)
ENDF/B-VII.1 XE-129
angular distribution for (n,n*c)
ENDF/B-VII.1 XE-129
Neutron emission for (n,2n)
ENDF/B-VII.1 XE-129
Neutron emission for \((n,n^*)a\)
ENDF/B-VII.1 XE-129
Neutron emission for \((n,n^*)p\)
ENDF/B-VII.1 XE-129
Neutron emission for \((n,n^*)d\)
ENDF/B-VII.1 XE-129
Neutron emission for (n,n*c)