ENDF/B-VII TE-124
Principal cross sections

Cross section (barns) vs. Energy (MeV)

- Total
- Absorption
- Elastic
ENDF/B-VII TE-124 resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-VII TE-124
resonance total cross section
ENDF/B-VII TE-124
resonance total cross section

Energy (MeV)

Cross section (barns)

total
ENDF/B-VII TE-124
resonance absorption cross sections

Capture cross section as a function of energy (MeV). The graph shows resonances at various energies, with peaks that indicate absorption cross sections in barns.
ENDF/B-VII TE-124
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VII TE-124
resonance absorption cross sections

capture

Cross section (barns)

Energy (MeV)
ENDF/B-VII TE-124
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VII TE-124
Heating

Energy (MeV) vs Heating (MeV/reaction) graph.
ENDF/B-VII TE-124
Damage

Energy (MeV)

Damage (MeV-barns)

damage
ENDF/B-VII TE-124
Principal cross sections

Energy (MeV)

Cross section (barns)

total
absorption
elastic

Energy (MeV)
ENDF/B-VII TE-124

Heating

Heating (MeV/reaction) vs Energy (MeV)
ENDF/B-VII TE-124
Non-threshold reactions

Cross section (barns)

Energy (MeV)
ENDF/B-VII TE-124
Threshold reactions

![Graph showing the cross section (barns) for various threshold reactions versus energy (MeV). The reactions include (n,p), (n,d), (n,t), and (n,a).](image)
ENDF/B-VII TE-124
angular distribution for elastic
ENDF/B-VII TE-124
angular distribution for (n,2n)
ENDF/B-VII TE-124
angular distribution for (n,3n)
ENDF/B-VII TE-124
angular distribution for (n,n*)a
ENDF/B-VII TE-124
angular distribution for (n,n*)p
ENDF/B-VII TE-124
angular distribution for (n,n*1)
ENDF/B-VII TE-124
angular distribution for (n,n*2)
ENDF/B-VII TE-124
angular distribution for (n,n*3)
ENDF/B-VII TE-124
angular distribution for (n,n*4)
ENDF/B-VII TE-124
angular distribution for (n,n*5)
angular distribution for (n,n*6)

ENDF/B-VII TE-124

Energy (MeV)

0 10 12 14 16 18 20

Cosine

-1.0 -0.5 0.0 0.5 1.0

Probl/Cos

0 10 20 30 40 50 60

Probl/Cos

0 10 20 30 40 50 60
angular distribution for (n,n*8)
ENDF/B-VII TE-124
angular distribution for (n,n*9)
ENDF/B-VII TE-124
angular distribution for (n,n*10)
ENDF/B-VII TE-124
angular distribution for (n,n*11)

Energy (MeV)
0.0 0.5 1.0

Cosine
0.0 0.5 1.0

Prob/Cos
0.0 1.0 1.5
ENDF/B-VII TE-124
angular distribution for (n,n*12)
ENDF/B-VII TE-124
angular distribution for (n,n*13)

Prob/Cos

Energy (MeV)
ENDF/B-VII TE-124
angular distribution for (n,n*14)
ENDF/B-VII TE-124 angular distribution for (n,n*15)
ENDF/B-VII TE-124
angular distribution for (n,n*c)
ENDF/B-VII TE-124
Neutron emission for (n,2n)
ENDF/B-VII TE-124
Neutron emission for (n,3n)
Neutron emission for \((n,n^*)a\)

ENDF/B-VII TE-124

Energy (MeV)

Sec. Energy

Primary

Secondary

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

0 2 4 6 8 10
ENDF/B-VII TE-124
Neutron emission for (n,n*)p
ENDF/B-VII TE-124
Neutron emission for (n,n*c)