ENDF/B-VI EU-155A
Principal cross sections

Cross section (barns)

Energy (MeV)

- total
- absorption
- elastic
ENDF/B-VI EU-155A
Heating

Energy (MeV)

Heating (MeV/reaction)

-11 -10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 1

-5 -4 -3 -2 -1 0 1 10 100 1000

-1 -2 -3 -4 -5 -6 -7 -8 -9 -10
ENDF/B-VI EU-155A
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic

Energy (MeV)
ENDF/B-VI EU-155A
Heating

Heating (MeV/reaction)

Energy (MeV)
ENDF/B-VI EU-155A
Non-threshold reactions

The graph shows the cross section (in barns) as a function of energy (in MeV) for different reactions:
- (n,gma)
- (n,a)
- (n,xa)

The y-axis represents the cross section in powers of 10, ranging from $10^{-4}$ to $10^0$. The x-axis represents the energy in MeV, ranging from 0 to 20.
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Inelastic levels

Energy (MeV)

Cross section (barns)

(n,n*1)
(n,n*2)
(n,n*3)
(n,n*4)
(n,n*5)
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Inelastic levels

Energy (MeV)

Cross section (barns)

(n,n*6)  
(n,n*7)  
(n,n*8)  
(n,n*9)
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Threshold reactions

Cross section (barns)

Energy (MeV)

- (n,xd)
- (n,xt)
- (n,xhe3)
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angular distribution for elastic

Prob/Cos

Energy (MeV)

Cosine

$\theta$