N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJOY 99
Principal cross sections

![Graph showing cross sections vs. energy](image-url)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJOY 99
resonance total cross section

Cross section (barns)

Energy (MeV)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJOY 99
resonance total cross section

Energy (MeV)

Cross section (barns)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJOY 99
resonance total cross section
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJOY 99
resonance total cross section

Cross section (barns)

Energy (MeV)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJOY 99
resonance absorption cross sections
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJOY 99
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJOY 99
resonance absorption cross sections

capture
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJOY 99
resonance absorption cross sections

Energy (MeV) vs. Cross section (barns)

- Capture

- Cross section in units of barns

- Energy range from $10^0$ to $10^1$ MeV
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJOY 99
Heating

Heating (MeV/reaction) vs. Energy (MeV)
Non-threshold reactions

Cross section (barns)

Energy (MeV)
Inelastic levels

Cross section (barns)

Energy (MeV)

(n,n*1)
(n,n*2)
(n,n*3)
(n,n*4)
(n,n*5)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJOY 99
Inelastic levels

Energy (MeV)
Cross section (barns)

- (n,n*11)
- (n,n*12)
- (n,n*13)
- (n,n*14)
- (n,n*15)

Energy (MeV)
Inelastic levels

Cross section (barns)

Energy (MeV)

- (n,n*16)
- (n,n*17)
- (n,n*18)
- (n,n*19)
- (n,n*20)
Inelastic levels

Cross section (barns) vs. Energy (MeV)

- (n,n*21)
- (n,n*22)
- (n,n*23)
- (n,n*24)
- (n,n*25)
Threshold reactions

Cross section (barns)

Energy (MeV)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJOY 99
Threshold reactions

Energy (MeV)

Cross section (barns)

- (n,p)
- (n,d)
- (n,t)
- (n,he3)
- (n,a)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJQY 99
angular distribution for elastic
angular distribution for elastic

\[ \text{Prob/Cos} \]

\[ 10^{-1} \quad 10^{-0.5} \quad 10^{-0} \quad 10^{0.5} \quad 10^{1} \]

\[ \text{Cosine} \quad -1.0 \quad -0.5 \quad 0.0 \quad 0.5 \quad 1.0 \]

\[ \text{Energy (MeV)} \quad 80 \quad 100 \quad 120 \quad 140 \quad 160 \]
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJQY 99
angular distribution for (n,n*1)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJQY 99
angular distribution for (n,n*2)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJQY 99
angular distribution for (n,n*4)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJOY 99
angular distribution for (n,n*5)
angular distribution for (n,n*6)

Prob/Cos

Energy (MeV)

Cosine

N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJQY 99
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJQY 99
angular distribution for (n,n*7)
angular distribution for (n,n*8)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJQY 99
angular distribution for (n,n*9)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJQY 99
angular distribution for (n,n*10)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJQY 99
angular distribution for (n,n*11)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJQY 99
angular distribution for (n,n*12)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJQY 99
angular distribution for (n,n*13)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJQY 99
angular distribution for (n,n*14)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJQY 99
angular distribution for (n,n*15)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJQY 99
angular distribution for (n,n*16)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJOY 99

angular distribution for (n,n*17)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJQY 99
angular distribution for (n,n*18)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJQY 99
angular distribution for \((n,n^{*19})\)
angular distribution for (n,n*20)
angular distribution for (n,n*21)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJQY 99
angular distribution for (n,n*22)
angular distribution for (n,n*23)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJQY 99
angular distribution for (n,n*24)
angular distribution for (n,n*25)
Neutron emission for (n,x)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJOY 99
Neutron emission for (n,2n)
Neutron emission for \((n,n^*)a\)
Neutron emission for (n,n*)p

The diagram shows a 3D plot with the y-axis labeled "Prob/MeV" and the x-axis labeled "Secondary Energy" and "Energy (MeV)". The plot appears to display the neutron emission probability as a function of energy and secondary energy.
Neutron emission for \((n,n^*c)\)
Photon emission for (n,gma)
Photon emission for (n,x)
Photon emission for (n,2n)
Photon emission for \((n,n^*)a\)
Photon emission for (n,n*c)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJOY 99
thermal capture photon spectrum
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJOY 99
14 MeV photon spectrum
Particle heating contributions

Energy (MeV)

MeV/collision

Energy (MeV)

protons

deuterons

tritons

alphas
Particle production cross sections

Energy (MeV)

Cross section (barns)

protons
deuteronstritonsalphas
protons from (n,x)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJOY 99
protons from (n,n*)p
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJOY 99 protons from (n,p)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJOY 99
deuteron from (n,x)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJOY 99 tritons from (n,x)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJOY 99
alphas from (n,x)
N + 26-FE-56 ENDF/B-VI.6 APT LA150 NJOY 99 alphas from (n,a)