ENDF/B-VI FE-57H
Principal cross sections

Cross section (barns)

Energy (MeV)

total
absorption
elastic
gamma production
ENDF/B-VI FE-57H
resonance total cross section

Cross section (barns)

Energy (MeV)

Graph showing the resonance total cross section for ENDF/B-VI FE-57H, with energy on the x-axis and cross-section on the y-axis.
ENDF/B-VI FE-57H
resonance total cross section
ENDF/B-VI FE-57H
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
ENDF/B-VI FE-57H
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VI FE-57H
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VI FE-57H
resonance absorption cross sections

![Graph showing capture cross section vs. energy in MeV.]
ENDF/B-VI FE-57H Heating

Energy (MeV) vs Heating (MeV/reaction)
ENDF/B-VI FE-57H
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n,gma)
ENDF/B-VI FE-57H
Threshold reactions

Cross section (barns) vs. Energy (MeV)

- (n,p)
- (n,a)
ENDF/B-VI FE-57H
angular distribution for elastic
ENDF/B-VI FE-57H
angular distribution for elastic
ENDF/B-VI FE-57H
Neutron emission for (n,x)
ENDF/B-VI FE-57H
Neutron emission for (n,2n)
ENDF/B-VI FE-57H
Neutron emission for (n,n*)a
ENDF/B-VI FE-57H
Neutron emission for (n,n*)p
ENDF/B-VI FE-57H
Neutron emission for (n,n*c)
ENDF/B-VI FE-57H
Photon emission for (n,gma)
ENDF/B-VI FE-57H
Photon emission for (n,x)
ENDF/B-VI FE-57H
Photon emission for (n,2n)
ENDF/B-VI FE-57H
Photon emission for (n,n*)a
ENDF/B-VI FE-57H
Photon emission for \((n,n^*)p\)
ENDF/B-VI FE-57H
Photon emission for (n,n*c)
ENDF/B-VI FE-57H
Photon emission for (n,p)
ENDF/B-VI FE-57H
Photon emission for (n,a)
ENDF/B-VI FE-57H
14 MeV photon spectrum

Gamma Prod (barns/MeV)

Gamma Energy (MeV)
ENDF/B-VI FE-57H
Particle heating contributions

Energy (MeV)

MeV/collision

Protons
Deuterons
Tritons
Alphas
ENDF/B-VI FE-57H
Particle production cross sections

Energy (MeV)

Cross section (barns)

- protons
- deuterons
- tritons
- alphas
ENDF/B-VI FE-57H protons from (n,x)
ENDF/B-VI FE-57H
protons from (n,n\(^*\))p
ENDF/B-VI FE-57H protons from (n,p)
ENDF/B-VI FE-57H
deuteron from (n,x)
ENDF/B-VI FE-57H
tritons from \( n,x \)
ENDF/B-VI FE-57H
alphas from (n,x)
ENDF/B-VI FE-57H
alphas from \((n,n^*)a\)
ENDF/B-VI FE-57H
alphas from (n,a)