ENDF/B-VI FE-54A
resonance total cross section
ENDF/B-VI FE-54A
resonance total cross section

Energy (MeV)

Cross section (barns)

total
ENDF/B-VI FE-54A
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-VI FE-54A resonance total cross section

Energy (MeV)

Cross section (barns)
ENDF/B-VI FE-54A
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

Capture
ENDF/B-VI FE-54A
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
ENDF/B-VI FE-54A
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VI FE-54A
resonance absorption cross sections

![Graph showing cross section versus energy](graph.png)
ENDF/B-VI FE-54A
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n,gma)

$10^{-3}$
ENDF/B-VI FE-54A
Inelastic levels

Energy (MeV)

Cross section (barns)

- (n,n*6)
- (n,n*7)
ENDF/B-VI FE-54A
angular distribution for elastic
ENDF/B-VI FE-54A
angular distribution for (n,n*1)
ENDF/B-VI FE-54A
angular distribution for \((n,n^*2)\)
ENDF/B-VI FE-54A
angular distribution for \((n,n^*5)\)
ENDF/B-VI FE-54A
angular distribution for (n,n*6)
ENDF/B-VI FE-54A
angular distribution for (n,n*7)
ENDF/B-VI FE-54A
Neutron emission for (n,2n)
ENDF/B-VI FE-54A
Neutron emission for \((n,n^*)a\)
ENDF/B-VI FE-54A
Neutron emission for \((n,n^*)p\)
ENDF/B-VI FE-54A
Neutron emission for (n,n*c)
ENDF/B-VI FE-54A
Photon emission for (n,gma)
ENDF/B-VI FE-54A
Photon emission for (n,2n)
ENDF/B-VI FE-54A
Photon emission for (n,n*)a
ENDF/B-VI FE-54A
Photon emission for \((n,n^*)p\)
ENDF/B-VI FE-54A
Photon emission for (n,n*c)
ENDF/B-VI FE-54A
Photon emission for (n,p)
ENDF/B-VI FE-54A
Photon emission for (n,a)
ENDF/B-VI FE-54A
thermal capture photon spectrum
ENDF/B-VI FE-54A
14 MeV photon spectrum
ENDF/B-VI FE-54A
Recoil Heating

Energy (MeV)

Heating (MeV/reaction)

recoil heating
ENDF/B-VI FE-54A
Particle production cross sections

Energy (MeV)

Cross section (barns)

protons
alphas

Energy (MeV)
ENDF/B-VI FE-54A
protons from \((n,n^*)p\)
ENDF/B-VI FE-54A
alphas from \((n,n^*)a\)
ENDF/B-VI FE-54A alphas from (n,a)