ENDF/B-VII FE-57
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-VII FE-57
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-VII FE-57
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-VII FE-57
resonance total cross section

Energy (MeV)

10^0  10^1

Cross section (barns)

10^0  10^1

total
ENDF/B-VII FE-57
resonance absorption cross sections

Cross section (barns)

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

capture
ENDF/B-VII FE-57
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
ENDF/B-VII FE-57
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VII FE-57
Damage

Damage (MeV-barns) vs. Energy (MeV)
ENDF/B-VII FE-57
Non-threshold reactions

Energy (MeV)

Cross section (barns)
ENDF/B-VII FE-57
Principal cross sections

Energy (MeV)

Cross section (barns)

- Total
- Absorption
- Elastic
- Gamma production
ENDF/B-VII FE-57
Damage

Damage (MeV-barns) vs. Energy (MeV)
ENDF/B-VII FE-57
Non-threshold reactions

Cross section (barns)

Energy (MeV)

10^{-3}

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

- (n,x)
- (n,2n)
- (n,n*)a
- (n,n*)p
- (n,n* c)
ENDF/B-VII FE-57
angular distribution for elastic
ENDF/B-VII FE-57
angular distribution for elastic
ENDF/B-VII FE-57
Neutron emission for (n,x)
ENDF/B-VII FE-57
Neutron emission for (n,2n)
ENDF/B-VII FE-57
Neutron emission for \((n,n^*)a\)
ENDF/B-VII FE-57
Neutron emission for \((n,n*)p\)
ENDF/B-VII FE-57
Neutron emission for (n,n*c)
ENDF/B-VII FE-57
Photon emission for (n,gma)
ENDF/B-VII FE-57
Photon emission for (n,x)
ENDF/B-VII FE-57
Photon emission for \( (n,2n) \)
ENDF/B-VII FE-57
Photon emission for (n,n*)a
ENDF/B-VII FE-57
Photon emission for (n,n*)p
ENDF/B-VII FE-57
Photon emission for (n,p)
ENDF/B-VII FE-57
Photon emission for (n,a)
ENDF/B-VII FE-57
thermal capture photon spectrum
ENDF/B-VII FE-57
14 MeV photon spectrum
ENDF/B-VII FE-57
Particle heating contributions

- protons
- deuterons
- tritons
- alphas

Energy (MeV) vs. MeV/collision
ENDF/B-VII FE-57
Recoil Heating

Recoil heating
Particle production cross sections

Cross section (barns) vs. Energy (MeV)

- Protons
- Deuterons
- Tritons
- Alphas
ENDF/B-VII FE-57
protons from (n,x)
ENDF/B-VII FE-57
protons from (n,n*)p
ENDF/B-VII FE-57
protons from (n,p)
ENDF/B-VII FE-57
deuterons from (n,x)
ENDF/B-VII FE-57
alphas from (n,x)
ENDF/B-VII FE-57
alphas from (n,n*)a
ENDF/B-VII FE-57
alphas from (n,a)