ENDF/B-VI EU-154
resonance total cross section

Energy (MeV)

Cross section (barns)
ENDF/B-VI EU-154
resonance total cross section

Cross section (barns)

Energy (MeV)

Total
ENDF/B-VI EU-154
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VI EU-154
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VI EU-154
resonance absorption cross sections

Cross section (barns) vs. Energy (MeV)
ENDF/B-VI EU-154 Damage

Energy (MeV) vs. Damage (MeV-barns) graph
ENDF/B-VI EU-154

Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n,gma)  (n,a)  (n,xa)
ENDF/B-VI EU-154 Heating

Heating (MeV/reaction) vs. Energy (MeV)

- Energy range: 0 to 20 MeV
- Heating range: 0 to 3.0 MeV/reaction

Graph showing the heating profile of EU-154 as a function of energy, with peak values around 10 MeV and 15 MeV.
ENDF/B-VI EU-154 Damage

Energy (MeV) vs. Damage (MeV-barns) graph showing the damage as a function of energy.
ENDF/B-VI EU-154
Non-threshold reactions

Energy (MeV)

Cross section (barns)

- (n,gma)
- (n,a)
- (n,xa)
ENDF/B-VI EU-154
Inelastic levels

Cross section (barns)

Energy (MeV)

*(n,n*1)
*(n,n*2)
*(n,n*3)
*(n,n*4)
*(n,n*5)
ENDF/B-VI EU-154
angular distribution for elastic
ENDF/B-VI EU-154
angular distribution for (n,2n)
ENDF/B-VI EU-154
angular distribution for (n,3n)
ENDF/B-VI EU-154
angular distribution for (n,n*)a
ENDF/B-VI EU-154
angular distribution for \((n,n^*)p\)
ENDF/B-VI EU-154
angular distribution for (n,n*1)
ENDF/B-VI EU-154
angular distribution for (n,n*2)
ENDF/B-VI EU-154
angular distribution for (n,n*3)
ENDF/B-VI EU-154
angular distribution for (n,n*4)
ENDF/B-VI EU-154
angular distribution for (n,n*5)
ENDF/B-VI EU-154
angular distribution for (n,n*c)