ENDF/B-VI EU-153
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-VI EU-153
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

10^{-6} to 10^{-5}

capture
ENDF/B-VI EU-153
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
ENDF/B-VI EU-153
Heating

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

- Heating curve

- Logarithmic scale for both axes
ENDF/B-VI EU-153
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic
- gamma production

Energy (MeV)
ENDF/B-VI EU-153
Non-threshold reactions

![Graph depicting non-threshold reactions for Eu-153](image)
ENDF/B-VI EU-153
Inelastic levels
ENDF/B-VI EU-153
Threshold reactions

Cross section (barns)

Energy (MeV)

(n,t)
(n,he3)
(n,xp)
(n,xd)
(n,xt)
ENDF/B-VI EU-153
angular distribution for elastic
ENDF/B-VI EU-153
angular distribution for (n,n*1)
ENDF/B-VI EU-153
angular distribution for (n,n*6)
ENDF/B-VI EU-153
Neutron emission for (n,2n)
ENDF/B-VI EU-153
Neutron emission for \((n,3n)\)
ENDF/B-VI EU-153
Neutron emission for \((n,n^*c)\)
ENDF/B-VI EU-153
Photon emission for (n,gma)
ENDF/B-VI EU-153
Photon emission for inelastic
ENDF/B-VI EU-153
Photon emission for (n,2n)
ENDF/B-VI EU-153
Photon emission for (n,3n)
ENDF/B-VI EU-153
thermal capture photon spectrum
ENDF/B-VI EU-153
14 MeV photon spectrum