ENDF/B-V CF-252
Principal cross sections

- Total cross section
- Absorption cross section
- Elastic cross section
- Gamma production cross section
ENDF/B-V CF-252
resonance total cross section

Energy (MeV)

Cross section (barns)

10^{-5}  10^{-4}  10^{-3}  10^{-2}  10^{-1}  10^1  10^2  10^3  10^4

10^{-5}  10^{-4}  10^{-3}  10^{-2}  10^{-1}  10^1  10^2  10^3  10^4

total
ENDF/B-V CF-252
resonance total cross section

Energy (MeV)

Cross section (barns)

total
ENDF/B-V CF-252
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-V CF-252
UR total cross section

Energy (MeV) vs. Cross section (barns)

- Inf. Dil.
- 100 b
- 1 b
ENDF/B-V CF-252
UR elastic cross section

Cross section (barns)

Energy (MeV)

Inf. Dil.
100 b
1 b
ENDF/B-V CF-252
UR fission cross section
ENDF/B-V CF-252
UR capture cross section

Cross section (barns)

Energy (MeV)
ENDF/B-V CF-252
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic
- gamma production

Energy (MeV)
ENDF/B-V CF-252
Non-threshold reactions

Energy (MeV)

Cross section (barns)

fission

(n,gma)
ENDF/B-V CF-252
angular distribution for elastic
ENDF/B-V CF-252
angular distribution for (n,2n)
ENDF/B-V CF-252
angular distribution for (n,3n)
ENDF/B-V CF-252
angular distribution for (n,4n)
ENDF/B-V CF-252
angular distribution for (n,n*c)
ENDF/B-V CF-252
Total fission nubar

Energy (MeV)

Fission nubar
ENDF/B-V CF-252
Neutron emission for (n,2n)
ENDF/B-V CF-252
Neutron emission for (n,3n)
ENDF/B-V CF-252
Neutron emission for (n,4n)
ENDF/B-V CF-252
Neutron emission for \((n,n^*c)\)
ENDF/B-V CF-252
Photon emission for fission
ENDF/B-V CF-252
Photon emission for (n,gma)
ENDF/B-V CF-252
Photon emission for nonelastic
ENDF/B-V CF-252 thermal capture photon spectrum
ENDF/B-V CF-252
14 MeV photon spectrum

Gamma Energy (MeV) vs. Gamma Prod (barns/MeV)