ENDF/B-V LU-175
Principal cross sections

Cross section (barns)

Energy (MeV)

- total
- absorption
- elastic

-10^11 -10^10 -10^9 -10^8 -10^7 -10^6 -10^5 -10^4 -10^3 -10^2 -10^1 10^0 10^1

-10^2 -10^1 -10^0 -10^-1 -10^-2 -10^-3 -10^-4 -10^-5 -10^-6 -10^-7 -10^-8 -10^-9 -10^-10

-10^-11
ENDF/B-V LU-175
resonance total cross section
ENDF/B-V LU-175
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-V LU-175
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-V LU-175
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
ENDF/B-V LU-175
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-V LU-175
resonance absorption cross sections

Capture cross section as a function of energy.
ENDF/B-V LU-175
UR total cross section

Energy (MeV) vs. Cross section (barns)

- Inf. Dil.
- 100 b
- 1 b

- Energy range: $10^{-4}$ to $10^{-2}$ MeV
- Cross section range: $10^1$ to $10^2$ barns
ENDF/B-V LU-175
UR elastic cross section

Cross section (barns)

Energy (MeV)
ENDF/B-V LU-175
UR capture cross section

Energy (MeV) vs. Cross section (barns)
ENDF/B-V LU-175
Heating

Heating (MeV/reaction)

Energy (MeV)

10^{-11} 10^{-10} 10^{-9} 10^{-8} 10^{-7} 10^{-6} 10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^{0} 10^{1}
ENDF/B-V LU-175
Principal cross sections

![Graph showing energy (MeV) on the x-axis and cross section (barns) on the y-axis. The graph includes lines for total, absorption, and elastic cross sections.](image-url)
ENDF/B-V LU-175 Damage

Energy (MeV) vs Damage (MeV-barns)

*10^{-3}
ENDF/B-V LU-175
Threshold reactions

Cross section (barns) vs. Energy (MeV)

- (n,xp)
- (n,xa)
ENDF/B-V LU-175
angular distribution for elastic
ENDF/B-V LU-175
angular distribution for (n,2n)
ENDF/B-V LU-175
angular distribution for (n,3n)
ENDF/B-V LU-175
angular distribution for (n,n*1)
ENDF/B-V LU-175
angular distribution for (n,n*2)
ENDF/B-V LU-175
angular distribution for (n,n*3)
ENDF/B-V LU-175
angular distribution for (n,n*4)
ENDF/B-V LU-175
angular distribution for (n,n*5)
ENDF/B-V LU-175
angular distribution for (n,n*6)
ENDF/B-V LU-175
angular distribution for (n,n*7)
ENDF/B-V LU-175
angular distribution for (n,n*8)
ENDF/B-V LU-175
angular distribution for (n,n*c)