ENDF/B-III PU-242
Principal cross sections

Energy (MeV)

Cross section (barns)

total
absorption
elastic
ENDF/B-III PU-242
resonance total cross section

![Graph showing the total cross section for ENDF/B-III PU-242]
ENDF/B-III PU-242
resonance total cross section

Energy (MeV)

Cross section (barns)

total
ENDF/B-III PU-242
resonance total cross section
ENDF/B-III PU-242
resonance total cross section

Energy (MeV)

Cross section (barns)
ENDF/B-III PU-242
resonance absorption cross sections

[Graph showing the resonance absorption cross sections with energy on the x-axis and cross section on the y-axis. The graph has a peak at a certain energy level and decreases as the energy increases.]
ENDF/B-III PU-242
resonance absorption cross sections

Capture cross section vs. energy (MeV)
ENDF/B-III PU-242
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
fission

10^{-2}  10^{-1}  10^{0}

10^{-1}  10^{-2}  10^{0}

10^{-2}  10^{-1}  10^{0}
ENDF/B-III PU-242
resonance absorption cross sections

Capture
Fission

Cross section (barns)

Energy (MeV)
ENDF/B-III PU-242
UR elastic cross section

Cross section (barns)

Energy (MeV)

Inf. Dil
100 b
1 b
ENDF/B-III PU-242
UR capture cross section

Energy (MeV) vs. Cross section (barns)

- Inf. Dil.
- 100 b
- 1 b
ENDF/B-III PU-242
Non-threshold reactions

Cross section (barns)

Energy (MeV)
ENDF/B-III PU-242
Inelastic levels

Cross section (barns)

Energy (MeV)
ENDF/B-III PU-242
angular distribution for elastic
ENDF/B-III PU-242
angular distribution for (n,2n)
ENDF/B-III PU-242
angular distribution for (n,3n)
ENDF/B-III PU-242
angular distribution for fission
ENDF/B-III PU-242
angular distribution for (n,n*1)
ENDF/B-III PU-242
angular distribution for \((n,n^*2)\)
ENDF/B-III PU-242
angular distribution for (n,n*3)
ENDF/B-III PU-242
angular distribution for (n,n*4)
ENDF/B-III PU-242
angular distribution for (n,n*5)
ENDF/B-III PU-242
angular distribution for (n,n*6)
ENDF/B-III PU-242
angular distribution for (n, n*7)
ENDF/B-III PU-242
angular distribution for (n,n*8)
ENDF/B-III PU-242
angular distribution for \((n,n^*9)\)
ENDF/B-III PU-242
angular distribution for (n,n*10)
ENDF/B-III PU-242
angular distribution for (n,n*c)
ENDF/B-III PU-242
Total fission nubar

Energy (MeV)

Fission nubar