ENDF/B-III NP-237
Principal cross sections

Cross section (barns)

Energy (MeV)

total
absorption
elastic
ENDF/B-III NP-237
resonance total cross section

Energy (MeV)

Cross section (barns)

10^{-7} 10^{-6}
ENDF/B-III NP-237
resonance total cross section

Energy (MeV)

Cross section (barns)

10^{-5}  10^{-4}  10^{-3}  10^{-2}  10^{-1}  10^0  10^1  10^2  10^3

total
ENDF/B-III NP-237
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-III NP-237
resonance absorption cross sections

[Graph showing resonance absorption cross sections for capture and fission as functions of energy (MeV)]
ENDF/B-III NP-237
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
fission
ENDF/B-III NP-237
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture

fission
ENDF/B-III NP-237
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

- capture
- fission

Energy (MeV)
ENDF/B-III NP-237
UR total cross section

Energy (MeV) vs. Cross section (barns)

- Inf. Dil.
- 100 b
- 1 b

Graph showing the total cross section for UR as a function of energy.
ENDF/B-III NP-237
UR capture cross section

Cross section (barns)

Energy (MeV)
ENDF/B-III NP-237
Non-threshold reactions
ENDF/B-III NP-237
Inelastic levels

Energy (MeV)

Cross section (barns)

(n,n*1)

(n,n*2)

(n,n*3)

(n,n*4)

(n,n*5)
ENDF/B-III NP-237
Inelastic levels

Cross section (barns) vs. Energy (MeV) graph showing the reaction (n,n*11).
ENDF/B-III NP-237
angular distribution for elastic
ENDF/B-III NP-237
angular distribution for (n,2n)
ENDF/B-III NP-237
angular distribution for (n,3n)
ENDF/B-III NP-237
angular distribution for fission
ENDF/B-III NP-237
angular distribution for \((n,n^*1)\)
ENDF/B-III NP-237
angular distribution for (n,n*2)
ENDF/B-III NP-237
angular distribution for (n,n*3)
ENDF/B-III NP-237
angular distribution for \( (n,n^*4) \)
ENDF/B-III NP-237
angular distribution for (n,n*5)
ENDF/B-III NP-237
angular distribution for (n,n*6)
ENDF/B-III NP-237
angular distribution for \((n,n^*7)\)
ENDF/B-III NP-237
angular distribution for (n,n*8)
ENDF/B-III NP-237
angular distribution for (n,n*9)
ENDF/B-III NP-237
angular distribution for (n,n*10)
ENDF/B-III NP-237
angular distribution for (n,n*11)
ENDF/B-III NP-237
angular distribution for \((n,n^*c)\)