ENDF/B-VII.1 CF-246
Non-threshold reactions

Energy (MeV)

Cross section (barns)

fission
(n, gma)
ENDF/B-VII.1 CF-246
Damage

Damage (MeV-barns) vs. Energy (MeV)
ENDF/B-VII.1 CF-246
Threshold reactions

Energy (MeV)

Cross section (barns)

(n,2n)  (n,3n)  (n,n*c)
ENDF/B-VII.1 CF-246
angular distribution for elastic
ENDF/B-VII.1 CF-246
angular distribution for (n,n*1)
ENDF/B-VII.1 CF-246
angular distribution for (n,n*2)
ENDF/B-VII.1 CF-246 angular distribution for (n,n*3)
ENDF/B-VII.1 CF-246
angular distribution for (n,n*4)
ENDF/B-VII.1 CF-246
Total fission nubar

Energy (MeV) vs. Fission nubar

Fission nubar increases linearly with energy.
ENDF/B-VII.1 CF-246
Neutron emission for (n,3n)
ENDF/B-VII.1 CF-246
Neutron emission for fission
ENDF/B-VII.1 CF-246
Neutron emission for \((n,n^*c)\)
ENDF/B-VII.1 CF-246
Photon emission for fission
ENDF/B-VII.1 CF-246
Photon emission for \((n,2n)\)
ENDF/B-VII.1 CF-246
Photon emission for (n,3n)
ENDF/B-VII.1 CF-246
Photon emission for (n,n\*1)
ENDF/B-VII.1 CF-246
Photon emission for (n,n*2)
ENDF/B-VII.1 CF-246
Photon emission for (n,n^*3)
ENDF/B-VII.1 CF-246
Photon emission for (n,n*4)
ENDF/B-VII.1 CF-246
Photon emission for (n,n*c)
ENDF/B-VII.1 CF-246
Photon emission for (n,gma)
ENDF/B-VII.1 CF-246
14 MeV photon spectrum

Gamma Energy (MeV)

Gamma Prod (barns/MeV)