ENDF/B-VII.1 TH-227 Heating
ENDF/B-VII.1 TH-227 Damage

Energy (MeV)

Damage (MeV-barns)
ENDF/B-VII.1 TH-227
Non-threshold reactions

Energy (MeV) vs. Cross section (barns) graph showing:
- Fission
- (n, gma)
ENDF/B-VII.1 TH-227
Non-threshold reactions

Energy (MeV)

Cross section (barns)

0 2 4 6 8 10 12 14 16 18 20

10^0 10^-1 10^-2 10^-3

fission (n,gma)
ENDF/B-VII.1 TH-227
angular distribution for elastic
ENDF/B-VII.1 TH-227
Delayed neutron spectra

- Group 1: frac 0.1027 decay/shake 1.280E-10
- Group 2: frac 0.2182 decay/shake 3.540E-10
- Group 3: frac 0.1304 decay/shake 1.098E-09
- Group 4: frac 0.3555 decay/shake 2.677E-09
- Group 5: frac 0.1647 decay/shake 5.022E-09
- Group 6: frac 0.0284 decay/shake 2.096E-08
ENDF/B-VII.1 TH-227
Photon emission for fission
ENDF/B-VII.1 TH-227
Photon emission for \((n,2n)\)
ENDF/B-VII.1 TH-227
Photon emission for (n,3n)
ENDF/B-VII.1 TH-227
Photon emission for (n,4n)
ENDF/B-VII.1 TH-227
Photon emission for (n,n^*1)
ENDF/B-VII.1 TH-227
Photon emission for \((n,n^*2)\)
ENDF/B-VII.1 TH-227
Photon emission for (n,n*3)
ENDF/B-VII.1 TH-227
Photon emission for (n,n\*4)
ENDF/B-VII.1 TH-227
Photon emission for (n,n*5)
ENDF/B-VII.1 TH-227
Photon emission for (n,n*6)
ENDF/B-VII.1 TH-227
Photon emission for (n, n*7)
ENDF/B-VII.1 TH-227
Photon emission for \((n,n^8)\)
ENDF/B-VII.1 TH-227
Photon emission for (n,n*9)
ENDF/B-VII.1 TH-227
Photon emission for (n,n*10)
ENDF/B-VII.1 TH-227
Photon emission for (n,n*11)
ENDF/B-VII.1 TH-227
Photon emission for (n,n*12)
ENDF/B-VII.1 TH-227
Photon emission for \((n,n'13)\)
ENDF/B-VII.1 TH-227
Photon emission for (n,n^*14)
ENDF/B-VII.1 TH-227
Photon emission for (n,n*c)
ENDF/B-VII.1 TH-227
Photon emission for \((n,g\gamma)\)
ENDF/B-VII.1 TH-227
14 MeV photon spectrum

Gamma Energy (MeV)

Gamma Prod (barns/MeV)