ENDF/B-IV F-19
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic
- gamma production
ENDF/B-IV F-19
Damage

Energy (MeV)

Damage (MeV-barns)
ENDF/B-IV F-19
Principal cross sections

Energy (MeV)

Cross section (barns)

total
absorption
elastic
gamma production

Energy (MeV)
ENDF/B-IV F-19
Threshold reactions

Energy (MeV) vs Cross section (barns)

- (n,d)
- (n,t)
- (n,a)
ENDF/B-IV F-19
Threshold reactions

Energy (MeV)

Cross section (barns)

- (n,xp)
- (n,xd)
- (n,xt)
- (n,xa)
ENDF/B-IV F-19
angular distribution for elastic
ENDF/B-IV F-19
angular distribution for (n,2n)
ENDF/B-IV F-19
angular distribution for (n,n*)a
ENDF/B-IV F-19
angular distribution for (n,n*)p
ENDF/B-IV F-19
angular distribution for (n,n*1)
ENDF/B-IV F-19
angular distribution for (n,n*2)
ENDF/B-IV F-19
angular distribution for (n,n*3)
ENDF/B-IV F-19
angular distribution for \((n,n^*4)\)
ENDF/B-IV F-19
angular distribution for (n,n*5)
ENDF/B-IV F-19
angular distribution for (n,n*7)
ENDF/B-IV F-19
angular distribution for (n,n*8)
ENDF/B-IV F-19
angular distribution for (n,n*9)
ENDF/B-IV F-19
angular distribution for \((n,n^*10)\)
ENDF/B-IV F-19
angular distribution for (n,n*11)
ENDF/B-IV F-19
angular distribution for \((n,n*12)\)
ENDF/B-IV F-19
angular distribution for (n,n*13)
ENDF/B-IV F-19
angular distribution for (n,n*14)
ENDF/B-IV F-19
angular distribution for (n,n*15)
ENDF/B-IV F-19
angular distribution for (n,n*16)
ENDF/B-IV F-19
angular distribution for (n,n*17)
ENDF/B-IV F-19
angular distribution for (n,n*18)
ENDF/B-IV F-19
angular distribution for (n,n*19)
ENDF/B-IV F-19
angular distribution for (n,n*20)
ENDF/B-IV F-19
angular distribution for \((n,n'^{21})\)
ENDF/B-IV F-19
angular distribution for (n,n*c)
ENDF/B-IV F-19
Neutron emission for (n,2n)
ENDF/B-IV F-19
Neutron emission for (n,n*)a
ENDF/B-IV F-19
Neutron emission for (n,n*)p
ENDF/B-IV F-19
Neutron emission for (n,n*c)
ENDF/B-IV F-19
Photon emission for nonelastic
ENDF/B-IV F-19
Photon emission for (n,gma)
ENDF/B-IV F-19
thermal capture photon spectrum

Gamma Energy (MeV)

Gamma Prod (barns/MeV)
ENDF/B-IV F-19
14 MeV photon spectrum