ENDF/B-VII.1 S-36 Heating

Energy (MeV) vs. Heating (MeV/reaction)
ENDF/B-VII.1 S-36
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n,gma)
ENDF/B-VII.1 S-36 Damage

Energy (MeV) vs. Damage (MeV-barns) graph.
ENDF/B-VII.1 S-36
Non-threshold reactions

Energy (MeV) vs. Cross section (barns)
ENDF/B-VII.1 S-36
Threshold reactions

Cross section (barns)

Energy (MeV)

- (n,2n)
- (n,n*)α
- (n,n*)p
- (n,n*c)
- (n,p)
ENDF/B-VII.1 S-36
Threshold reactions

Cross section (barns) vs. Energy (MeV)

(n,a)
Threshold reactions

Cross section (barns) vs. Energy (MeV)

- (n,xp)
- (n,xa)
ENDF/B-VII.1 S-36
angular distribution for elastic
ENDF/B-VII.1 S-36
angular distribution for (n,n*1)
ENDF/B-VII.1 S-36
angular distribution for (n,n*2)
ENDF/B-VII.1 S-36
angular distribution for \((n,n^*3)\)
ENDF/B-VII.1 S-36
angular distribution for \((n,n^*4)\)
ENDF/B-VII.1 S-36
angular distribution for (n,n*5)
ENDF/B-VII.1 S-36
angular distribution for (n,n*c)
ENDF/B-VII.1 S-36
Neutron emission for (n,2n)
ENDF/B-VII.1 S-36
Neutron emission for (n,n*)a
ENDF/B-VII.1 S-36
Neutron emission for (n,n*)p
ENDF/B-VII.1 S-36
Neutron emission for \((n,n^c)\)
ENDF/B-VII.1 S-36
Photon emission for (n,2n)

[Graph showing the photon emission distribution for (n,2n) reactions, with axes for energy (E_n) and energy (E_\gamma).]
ENDF/B-VII.1 S-36
Photon emission for (n,n*)a
ENDF/B-VII.1 S-36
Photon emission for (n,n*c)
ENDF/B-VII.1 S-36
Photon emission for (n,gma)
ENDF/B-VII.1 S-36
Photon emission for (n,p)
ENDF/B-VII.1 S-36
thermal capture photon spectrum

Gamma Energy (MeV)

Gamma Prod (barns/MeV)
ENDF/B-VII.1 S-36
14 MeV photon spectrum