ENDF/B-VII N-14
Damage

Energy (MeV)

Damage (MeV-barns)
ENDF/B-VII N-14
Non-threshold reactions

Energy (MeV)

Cross section (barns)

\( (n,\text{gma}) \)
ENDF/B-VII N-14
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic
- gamma production
ENDF/B-VII N-14

Heating

Heating (MeV/reaction) vs. Energy (MeV)
ENDF/B-VII N-14
Damage

Energy (MeV) vs. Damage (MeV-barns) graph.
ENDF/B-VII N-14
Non-threshold reactions

Cross section (barns)

Energy (MeV)

$10^{-5}$
ENDF/B-VII N-14
Inelastic levels

Cross section (barns) vs. Energy (MeV)

Graph showing cross section for different inelastic levels of N-14.
ENDF/B-VII N-14
Inelastic levels

Cross section (barns) vs. Energy (MeV) graph for (n,n*6) and (n,n*7) reactions.
ENDF/B-VII N-14
Threshold reactions

ENDF/B-VII N-14
Threshold reactions

Cross section (barns)

Energy (MeV)

*10^{-3}

(n,d)
(n,t)
(n,a)
ENDF/B-VII N-14
angular distribution for elastic
ENDF/B-VII N-14
angular distribution for (n,2n)
ENDF/B-VII N-14
angular distribution for \( (n,n^*)a \)
Angular distribution for \((n,n^*)p\)
ENDF/B-VII N-14 angular distribution for (n,n*1)
ENDF/B-VII N-14
angular distribution for (n,n^2)
ENDF/B-VII N-14
angular distribution for (n,n^3)

Energy (MeV)
ENDF/B-VII N-14
angular distribution for (n,n*4)
ENDF/B-VII N-14
angular distribution for (n,n*5)

Energy (MeV)

Probl/Cos

Cosine

1.0  0.5  0.0  -0.5  -1.0

-1.0  -0.5  -0.0  0.5  1.0
ENDF/B-VII N-14
angular distribution for (n,n*6)
ENDF/B-VII N-14
angular distribution for (n,n*7)
ENDF/B-VII N-14
angular distribution for (n,n*c)
ENDF/B-VII N-14
Neutron emission for \((n,2n)\)
ENDF/B-VII N-14
Neutron emission for (n,n*)a
ENDF/B-VII N-14
Neutron emission for (n,n*)p
ENDF/B-VII N-14
Neutron emission for \((n,n^*c)\)
ENDF/B-VII N-14
Photon emission for (n,2n)
ENDF/B-VII N-14
Photon emission for \((n,n^*)a\)
ENDF/B-VII N-14
Photon emission for (n,p)
ENDF/B-VII N-14
Photon emission for (n,d)
ENDF/B-VII N-14
Photon emission for (n,t)
ENDF/B-VII N-14
Photon emission for (n,a)
ENDF/B-VII N-14
14 MeV photon spectrum

Gamma Energy (MeV)

Gamma Prod (barns/MeV)