ENDF/B-VI H-1F
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic
- gamma production

Energy (MeV)
ENDF/B-VI H-1F Heating

Heating (MeV/reaction) vs. Energy (MeV)

- Heating line is shown as a straight line through the origin.

- The graph shows a linear relationship between energy and heating.
ENDF/B-VI H-1F
Damage

Energy (MeV)

Damage (MeV-barns)

-10

*10^-3

damage
ENDF/B-VI H-1F
angular distribution for elastic
ENDF/B-VI H-1F
angular distribution for elastic
ENDF/B-VI H-1F
thermal capture photon spectrum

Gamma Energy (MeV)

Gamma Prod (barns/MeV)
ENDF/B-VI H-1F
14 MeV photon spectrum
ENDF/B-VI H-1F
Particle heating contributions

MeV/collision vs. Energy (MeV)

- Deuterons
Recoil Heating

Energy (MeV) vs. Heating (MeV/reaction) graph showing a linear relationship.

ENDF/B-VI H-1F

recoil heating
ENDF/B-VI H-1F
Particle production cross sections

Energy (MeV)

Cross section (barns)

*10^-6
ENDF/B-VI H-1F
angular distribution for (n,gma) deuteron