JEFF-3.1 H-3
Heating

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

The graph shows the heating as a function of energy for the reaction H-3. The heating increases with energy, with noticeable changes at certain energy levels.
JEFF-3.1 H-3
Threshold reactions

Energy (MeV)

Cross section (barns)

(n,2n)

(n,3n)
JEFF-3.1 H-3
angular distribution for elastic

Prob/Cos

10^0

10^-1

Cosine

1.0 0.5 0.0 -0.5 -1.0 0

Energy (MeV)

10 15 20

1.0 0.5 0.0 -0.5 -1.0 0

JEFF-3.1 H-3
angular distribution for (n,2n)
JEFF-3.1 H-3
Neutron emission for (n,2n)
JEFF-3.1 H-3
Recoil Heating

- Heating (MeV/reaction)
- Energy (MeV)

recoil heating
JEFF-3.1 H-3
Particle production cross sections

Cross section (barns)

Energy (MeV)

protons