ENDF/B-V SN-123
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic
ENDF/B-V SN-123 Damage

Energy (MeV) vs. Damage (MeV-barns)
ENDF/B-V SN-123
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n,gma)
ENDF/B-V SN-123
Non-threshold reactions

Cross section (barns) vs. Energy (MeV)

The graph shows the cross section (in barns) for the reaction (n,gma) as a function of energy (in MeV). The cross section varies significantly with energy, peaking at around 2 MeV and then decreasing rapidly, before leveling off at higher energies.
ENDF/B-V SN-123
Inelastic levels

Energy (MeV)

Cross section (barns)

- (n,n*1)
- (n,n*2)
- (n,n*3)
- (n,n*4)
- (n,n*5)
ENDF/B-V SN-123
Threshold reactions

Energy (MeV)

Cross section (barns)

(n,n^c)