ENDF/B-VII PU-237
Principal cross sections

Energy (MeV)

Cross section (barns)

10^{-11} 10^{-10} 10^{-9} 10^{-8} 10^{-7} 10^{-6} 10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1

- total
- absorption
- elastic
ENDF/B-VII PU-237
Heating

Heating (MeV/reaction)

Energy (MeV)
ENDF/B-VII PU-237
Damage

Energy (MeV)

Damage (MeV-barns)
ENDF/B-VII PU-237
Non-threshold reactions

Energy (MeV) vs. Cross section (barns)
ENDF/B-VII PU-237
Principal cross sections

Energy (MeV) vs. Cross section (barns)

- Total
- Absorption
- Elastic
ENDF/B-VII PU-237
Heating

Energy (MeV) vs Heating (MeV/reaction) graph.
ENDF/B-VII PU-237
Damage

![Graph of ENDF/B-VII PU-237 Damage]

- **Energy (MeV)**
  - Values range from 0 to 20
  - Increments of 2
- **Damage (MeV-barns)**
  - Values range from $10^{-3}$ to 70
  - Increments of 10

The graph illustrates the damage (in MeV-barns) as a function of energy (in MeV). The damage increases with energy, showing a trend that peaks and then continues to rise.
ENDF/B-VII PU-237
Inelastic levels

Energy (MeV)

Cross section (barns)

- (n,n*1)
- (n,n*2)
- (n,n*3)
- (n,n*4)
- (n,n*5)
ENDF/B-VII PU-237
Threshold reactions

Cross section (barns) vs Energy (MeV)

- (n,2n)
- (n,3n)
- (n,n^c)
ENDF/B-VII PU-237
Total fission nubar

Energy (MeV)

Fission nubar