Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic
- gamma production

ENDF/B-VII.1 PA-229
ENDF/B-VII.1 PA-229

Heating

Heating (MeV/reaction) vs. Energy (MeV)
ENDF/B-VII.1 PA-229
Damage

Energy (MeV)

Damage (MeV-barns)

*10^{-3}
ENDF/B-VII.1 PA-229

Inelastic levels

Cross section (barns) vs. Energy (MeV)

- (n,n*1)
- (n,n*2)
- (n,n*3)
- (n,n*4)
- (n,n*5)
ENDF/B-VII.1 PA-229
Inelastic levels

Energy (MeV)

Cross section (barns)

$\times 10^{-3}$

- (n,n*6)
- (n,n*7)
- (n,n*8)
- (n,n*9)
- (n,n*10)

Energy (MeV)
ENDF/B-VII.1 PA-229
angular distribution for elastic
ENDF/B-VII.1 PA-229
angular distribution for (n,n*1)
ENDF/B-VII.1 PA-229
angular distribution for (n,n*2)
ENDF/B-VII.1 PA-229
angular distribution for (n,n*3)
ENDF/B-VII.1 PA-229
angular distribution for (n,n*4)
ENDF/B-VII.1 PA-229
angular distribution for (n,n*5)
ENDF/B-VII.1 PA-229
angular distribution for (n,n*6)
ENDF/B-VII.1 PA-229
angular distribution for (n,n*7)
ENDF/B-VII.1 PA-229
angular distribution for (n,n*8)
ENDF/B-VII.1 PA-229
angular distribution for (n,n*10)
ENDF/B-VII.1 PA-229

Total fission nubar

Fission nubar vs Energy (MeV)
ENDF/B-VII.1 PA-229
Neutron emission for (n,2n)
ENDF/B-VII.1 PA-229
Neutron emission for (n,3n)
ENDF/B-VII.1 PA-229
Neutron emission for fission
ENDF/B-VII.1 PA-229
Neutron emission for (n,n*c)
ENDF/B-VII.1 PA-229
Photon emission for fission

![Diagram showing photon emission for fission with axes labeled as $E_n$ (MeV) and $E_y$ (MeV) and probability on the y-axis.](image-url)
ENDF/B-VII.1 PA-229
Photon emission for (n,2n)
ENDF/B-VII.1 PA-229
Photon emission for (n,3n)
ENDF/B-VII.1 PA-229
Photon emission for (n,n*1)
ENDF/B-VII.1 PA-229
Photon emission for (n,n*2)
ENDF/B-VII.1 PA-229
Photon emission for (n,n'3)
ENDF/B-VII.1 PA-229
Photon emission for (n,n*4)
ENDF/B-VII.1 PA-229
Photon emission for (n,n*5)
ENDF/B-VII.1 PA-229
Photon emission for \( (n,n^*6) \)
ENDF/B-VII.1 PA-229
Photon emission for (n,n*7)
ENDF/B-VII.1 PA-229
Photon emission for (n,n*8)
ENDF/B-VII.1 PA-229
Photon emission for (n,n*9)
Photon emission for (n,n*10)
ENDF/B-VII.1 PA-229
Photon emission for (n,n*c)
ENDF/B-VII.1 PA-229
Photon emission for (n,gma)
ENDF/B-VII.1 PA-229
thermal capture photon spectrum

Gamma Energy (MeV) vs. Gamma Prod (barns/MeV)

Gamma Energy (MeV)

Gamma Prod (barns/MeV)