ENDF/B-VII CF-254
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic

Range: 10^{-11} to 10^{1}
ENDF/B-VII CF-254

Heating

Energy (MeV)

Heating (MeV/reaction)
ENDF/B-VII CF-254
Damage

Energy (MeV)

Damage (MeV-barns)
ENDF/B-VII CF-254
Non-threshold reactions
ENDF/B-VII CF-254
Principal cross sections

Cross section (barns) vs. Energy (MeV)

- Total
- Absorption
- Elastic
ENDF/B-VII CF-254
Damage

Damage (MeV-barns) vs. Energy (MeV)

- Damage (MeV-barns) range: 0 to 50
- Energy (MeV) range: 0 to 20
ENDF/B-VII CF-254
Non-threshold reactions

Cross section (barns) vs Energy (MeV)

- fission
- (n,gma)
ENDF/B-VII CF-254

Threshold reactions

Cross section (barns)

Energy (MeV)

(n,2n)

(n,3n)

(n,4n)

(n,n*c)
ENDF/B-VII CF-254

angular distribution for elastic
ENDF/B-VII CF-254
angular distribution for (n,2n)
ENDF/B-VII CF-254
angular distribution for (n,3n)
ENDF/B-VII CF-254
angular distribution for fission
ENDF/B-VII CF-254
angular distribution for (n,4n)
ENDF/B-VII CF-254
angular distribution for (n,n*1)
ENDF/B-VII CF-254
angular distribution for (n,n*c)