ENDF/B-VII CM-249
resonance total cross section

![Graph showing the resonance total cross section](image)
ENDF/B-VII CM-249
resonance total cross section
ENDF/B-VII CM-249
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-VII CM-249
resonance absorption cross sections

Energy (MeV)

Cross section (barns)
ENDF/B-VII CM-249
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
fission
ENDF/B-VII CM-249
resonance absorption cross sections

![Graph showing resonance absorption cross sections for capture and fission reactions.](image-url)
ENDF/B-VII CM-249
UR total cross section

- Inf. Dil.
- 100 b

Cross section (barns)

Energy (MeV)
ENDF/B-VII CM-249
UR elastic cross section

Cross section (barns)

Energy (MeV)
ENDF/B-VII CM-249
UR fission cross section

Energy (MeV)

Cross section (barns)

- Inf. Dil.
- 100 b
ENDF/B-VII CM-249
UR capture cross section

Energy (MeV) vs. Cross section (barns)

- Inf. Dil.
- 100 b

Cross section decreases with increasing energy.
ENDF/B-VII CM-249

Heating

Heating (MeV/reaction)

Energy (MeV)
ENDF/B-VII CM-249

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

 damage
ENDF/B-VII CM-249
Non-threshold reactions
ENDF/B-VII CM-249
Principal cross sections

Cross section (barns)

Energy (MeV)

total
absorption
elastic
ENDF/B-VII CM-249
Non-threshold reactions

Energy (MeV)

Cross section (barns)

0 2 4 6 8 10 12 14 16 18 20

10^{-3} 10^{-2} 10^{-1} 10^{0}

fission
(n,gma)
ENDF/B-VII CM-249
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 CM-249
Inelastic levels

Cross section (barns)

Energy (MeV)

(n,n*6)
(n,n*7)
(n,n*8)
(n,n*9)
(n,n*10)
ENDF/B-VII CM-249
Inelastic levels

- Cross section (barns) vs. Energy (MeV)
- Various inelastic levels are shown, labeled as (n,n*11) to (n,n*15)
angular distribution for (n,n*1)

ENDF/B-VII CM-249

angular distribution for (n,n*1)
ENDF/B-VII CM-249
angular distribution for (n,n^2)
angular distribution for (n,n*3)
ENDF/B-VII CM-249
angular distribution for (n,n^4)
ENDF/B-VII CM-249
angular distribution for (n,n*5)
ENDF/B-VII CM-249
angular distribution for \((n,n^*6)\)
ENDF/B-VII CM-249

angular distribution for (n,n*7)

Prob/Cos

Energy (MeV)

Cosine
ENDF/B-VII CM-249
angular distribution for (n,n*8)
angular distribution for (n,n°9)
ENDF/B-VII CM-249
angular distribution for (n,n*10)
ENDF/B-VII CM-249
angular distribution for (n,n*11)
ENDF/B-VII CM-249
angular distribution for (n,n*12)
ENDF/B-VII CM-249
angular distribution for (n,n*14)
ENDF/B-VII CM-249
angular distribution for (n,n*15)
ENDF/B-VII CM-249 angular distribution for (n,n^16)
ENDF/B-VII CM-249
angular distribution for (n,n*17)
ENDF/B-VII CM-249 angular distribution for (n,n^*18)
angular distribution for (n,n*c)
ENDF/B-VII CM-249
Total fission nubar

Energy (MeV)

Fission nubar

0 5 10 15 20

3 4 5 6

0 3 6 9 12

20
ENDF/B-VII CM-249
Neutron emission for (n,2n)
ENDF/B-VII CM-249
Neutron emission for (n,3n)
ENDF/B-VII CM-249
Neutron emission for (n,n^c)