ENDF/B-VII.1 SC-45
Principal cross sections

![Graph showing cross sections vs energy](image-url)
ENDF/B-VII.1 SC-45
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-VII.1 SC-45
resonance total cross section
ENDF/B-VII.1 SC-45
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VII.1 SC-45
resonance absorption cross sections

Capture cross section as a function of energy. The graph shows multiple peaks indicative of resonance absorption cross sections.
ENDF/B-VII.1 SC-45
resonance absorption cross sections

Capture cross section as a function of energy (MeV).
ENDF/B-VII.1 SC-45
Non-threshold reactions

Cross section (barns) vs. Energy (MeV)

- (n,gma)
- (n,p)
- (n,xp)
ENDF/B-VII.1 SC-45 Damage

Damage (MeV-barns) vs. Energy (MeV)
ENDF/B-VII.1 SC-45
Non-threshold reactions

Energy (MeV)

Cross section (barns)

- $(n,gma)$
- $(n,p)$
- $(n,xp)$
ENDF/B-VII.1 SC-45
Inelastic levels

Energy (MeV) vs. Cross section (barns)

- (n,n*6)
- (n,n*7)
- (n,n*8)
- (n,n*9)
- (n,n*10)
ENDF/B-VII.1 SC-45
Threshold reactions

Energy (MeV)

Cross section (barns)

- (n,2n)
- (n,n^*)a
- (n,n^*)p
- (n,n^*)c
- (n,d)
ENDF/B-VII.1 SC-45
Threshold reactions

Cross section (barns)

Energy (MeV)

(n,xd)
(n,xt)
(n,xhe3)
(n,xa)
ENDF/B-VII.1 SC-45
angular distribution for elastic
ENDF/B-VII.1 SC-45
Neutron emission for (n,2n)
ENDF/B-VII.1 SC-45
Neutron emission for (n,n*)a
ENDF/B-VII.1 SC-45
Neutron emission for \((n,n^*)p\)
ENDF/B-VII.1 SC-45
Neutron emission for (n,n^c)
ENDF/B-VII.1 SC-45
14 MeV photon spectrum

Gamma Energy (MeV)

Gamma Prod (barns/MeV)