ENDF/B-VII CO-59
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-VII CO-59
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-VII CO-59
resonance absorption cross sections

Energy (MeV)

Capture

Cross section (barns)

$10^{-4}$

$10^{-3}$
ENDF/B-VII CO-59
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VII CO-59
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VII CO-59
resonance absorption cross sections

Cross section (barns)

Energy (MeV)

Capture
ENDF/B-VII CO-59
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VII CO-59
Non-threshold reactions

Cross section (barns)

Energy (MeV)
ENDF/B-VII CO-59
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic
- gamma production

Energy (MeV) range: 2 to 20
Cross section (barns) range: 0 to 5
ENDF/B-VII CO-59

Heating

Heating (MeV/reaction) vs. Energy (MeV)
ENDF/B-VII CO-59
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n,gma)

10^{-2}

10^{-3}

10^{-4}

10^{-5}

0 2 4 6 8 10 12 14 16 18 20
ENDF/B-VII CO-59
Inelastic levels

Cross section (barns) vs. Energy (MeV)

- (n,n*6)
- (n,n*7)
- (n,n*8)
- (n,n*9)
- (n,n*10)
ENDF/B-VII CO-59
Inelastic levels

Cross section (barns)

Energy (MeV)

(n,n*11)
(n,n*12)
(n,n*13)
(n,n*14)
(n,n*15)
ENDF/B-VII CO-59
Threshold reactions

Cross section (barns)

Energy (MeV)

(n,2n) (n,n*)a (n,n*)p (n,n*)d (n,n*)t
ENDF/B-VII CO-59
Threshold reactions

Energy (MeV)

Cross section (barns)

- (n,xp)
- (n,xd)
- (n,xt)
- (n,xhe3)
- (n,xa)
ENDF/B-VII CO-59 angular distribution for elastic
ENDF/B-VII CO-59
angular distribution for (n,2n)
ENDF/B-VII CO-59
angular distribution for (n,n*)a
ENDF/B-VII CO-59

Angular distribution for (n,n*)p
ENDF/B-VII CO-59

angular distribution for \((n,n^*)d\)

Energy (MeV) vs. Cosine
ENDF/B-VII CO-59
angular distribution for (n,n*)t

Energy (MeV)

10^0 10^1

Cosine

Prob/Cos
ENDF/B-VII CO-59
angular distribution for \((n,n'1)\)
ENDF/B-VII CO-59
angular distribution for (n,n*2)
angular distribution for \((n,n^3)\)
ENDF/B-VII CO-59
angular distribution for (n,n*4)
ENDF/B-VII CO-59
angular distribution for (n,n*5)
angular distribution for \((n,n^6)\)
ENDF/B-VII CO-59
angular distribution for (n,n*7)
ENDF/B-VII CO-59
angular distribution for (n,n*8)
ENFD/B-VII CO-59
angular distribution for (n,n*9)
ENDF/B-VII CO-59
angular distribution for (n,n*10)
ENDF/B-VII CO-59
angular distribution for \( (n, n^{*11}) \)
ENDF/B-VII CO-59
angular distribution for (n,n*12)
ENDF/B-VII CO-59
angular distribution for \((n,n^*13)\)
ENDF/B-VII CO-59
angular distribution for (n,n*14)
ENDF/B-VII CO-59
angular distribution for (n,n^\ast15)
ENDF/B-VII CO-59
angular distribution for (n,n*16)
ENDF/B-VII CO-59
angular distribution for \((n,n'17)\)
ENDF/B-VII CO-59

angular distribution for \((n,n^{*18})\)
ENDF/B-VII CO-59
angular distribution for (n,n*19)
angular distribution for (n,n* c)

ENDF/B-VII CO-59

Energy (MeV)

Cosine

Prob/Cos

10^0 1.0 0.5 0.0 -0.5 -1.0
ENDF/B-VII CO-59
Neutron emission for (n,2n)
ENDF/B-VII CO-59
Neutron emission for $(n,n^*)a$
ENDF/B-VII CO-59
Neutron emission for \((n,n^*)p\)
ENDF/B-VII CO-59
Neutron emission for (n,n*c)
ENDF/B-VII CO-59
Photon emission for (n, gma)
ENDF/B-VII CO-59
Photon emission for nonelastic
ENDF/B-VII CO-59
14 MeV photon spectrum

![Gamma Energy Spectrum Graph](image-url)