ENDF/B-VII.1 KR-85
resonance total cross section

Energy (MeV)

Cross section (barns)

- total
ENDF/B-VII.1 KR-85
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-VII.1 KR-85 resonance absorption cross sections

Capture cross section as a function of energy (MeV) on a logarithmic scale.
ENDF/B-VII.1 KR-85
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
ENDF/B-VII.1 KR-85
UR total cross section

Energy (MeV)

Cross section (barns)

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

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

Inf. Dil.
100 b
1 b
ENDF/B-VII.1 KR-85
UR capture cross section

Energy (MeV)

Cross section (barns)

Inf. Dil.
100 b
1 b
ENDF/B-VII.1 KR-85
Heating

Energy (MeV)

Heating (MeV/reaction)

10^{-11} 10^{-10} 10^{-9} 10^{-8} 10^{-7} 10^{-6} 10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1
ENDF/B-VII.1 KR-85
Non-threshold reactions
ENDF/B-VII.1 KR-85
Non-threshold reactions

Cross section (barns) vs. Energy (MeV)

- Cross section in barns
- Energy range from 0 to 20 MeV
- (n,gma) reaction shown
ENDF/B-VII.1 KR-85
Inelastic levels

Energy (MeV)

Cross section (barns)

(n,n*6)
(n,n*7)
ENDF/B-VII.1 KR-85
Threshold reactions

Cross section (barns) vs Energy (MeV)

- (n,2n)
- (n,3n)
- (n,n*)a
- (n,2n)a
- (n,n*)p
ENDF/B-VII.1 KR-85
Threshold reactions

ENEF/E-B-VII.1 KR-85
Threshold reactions

Cross section (barns)

Energy (MeV)
ENDF/B-VII.1 KR-85
Threshold reactions

Energy (MeV) vs. Cross section (barns)

- (n,p*3)
- (n,p*4)
- (n,p*5)
- (n,p*6)
- (n,p*7)
ENDF/B-VII.1 KR-85
Threshold reactions

Energy (MeV)

Cross section (barns)

(n,a*7)
(n,a*8)
(n,a*9)
(n,a*10)
(n,a*11)
ENDF/B-VII.1 KR-85
Threshold reactions

Cross section (barns) vs. Energy (MeV)

- (n,a*12)
- (n,a*13)
- (n,a*14)
- (n,a*15)
- (n,a*16)
ENDF/B-VII.1 KR-85
Threshold reactions

Cross section (barns)

Energy (MeV)

- (n,a*17)
- (n,a*18)
- (n,a*c)
ENDF/B-VII.1 KR-85
angular distribution for elastic
ENDF/B-VII.1 KR-85
angular distribution for (n,n*1)
ENDF/B-VII.1 KR-85
angular distribution for \((n,n^{*}2)\)
ENDF/B-VII.1 KR-85
angular distribution for (n,n*3)
ENDF/B-VII.1 KR-85
angular distribution for (n,n*4)
ENDF/B-VII.1 KR-85
angular distribution for (n,n*5)
ENDF/B-VII.1 KR-85
angular distribution for (n,n*6)
ENDF/B-VII.1 KR-85
angular distribution for (n,n*7)
ENDF/B-VII.1 KR-85
Neutron emission for (n,2n)
ENDF/B-VII.1 KR-85
Neutron emission for (n,3n)
ENDF/B-VII.1 KR-85
Neutron emission for \((n,n^*)a\)
ENDF/B-VII.1 KR-85
Neutron emission for (n,2n)a

![Graph showing neutron emission probability as a function of secondary energy and energy (Mev).]
ENDF/B-VII.1 KR-85
Neutron emission for \((n,n^*)p\)
ENDF/B-VII.1 KR-85
Neutron emission for (n,2np)
ENDF/B-VII.1 KR-85
Neutron emission for \((n,n^c)\)
ENDF/B-VII.1 KR-85
Photon emission for (n,2n)
ENDF/B-VII.1 KR-85
Photon emission for (n,3n)
ENDF/B-VII.1 KR-85
Photon emission for (n,n*)a
ENDF/B-VII.1 KR-85
Photon emission for \((n,n^*)p\)
ENDF/B-VII.1 KR-85
Photon emission for (n,2np)
ENDF/B-VII.1 KR-85
Photon emission for (n,n*c)
ENDF/B-VII.1 KR-85
Photon emission for (n,gma)
ENDF/B-VII.1 KR-85
Photon emission for (n,p*c)
ENDF/B-VII.1 KR-85
Photon emission for (n,a*c)
ENDF/B-VII.1 KR-85
thermal capture photon spectrum

Gamma Energy (MeV)

Gamma Prod (barns/MeV)
ENDF/B-VII.1 KR-85
14 MeV photon spectrum

Gamma Energy (MeV)

Gamma Prod (barns/MeV)
ENDF/B-VII.1 KR-85
Recoil Heating

Heating (MeV/reaction) vs. Energy (MeV)

- recoil heating
ENDF/B-VII.1 KR-85
Particle production cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VII.1 KR-85
protons from \((n,n^*)p\)
ENDF/B-VII.1 KR-85 protons from (n,2np)
ENDF/B-VII.1 KR-85
angular distribution for (n,p*:0) proton
ENDF/B-VII.1 KR-85
angular distribution for (n,p*1) proton
ENDF/B-VII.1 KR-85
angular distribution for (n,p*2) proton
ENDF/B-VII.1 KR-85
angular distribution for (n,p*3) proton
ENDF/B-VII.1 KR-85
angular distribution for (n,p*4) proton
ENDF/B-VII.1 KR-85
angular distribution for (n,p*5) proton
ENDF/B-VII.1 KR-85
angular distribution for (n,p*6) proton
ENDF/B-VII.1 KR-85
angular distribution for (n,p^7) proton
ENDF/B-VII.1 KR-85
angular distribution for (n,p*8) proton
ENDF/B-VII.1 KR-85
angular distribution for (n,p*9) proton
ENDF/B-VII.1 KR-85
protons from (n,p*c)
ENDF/B-VII.1 KR-85
alphas from (n,n*)a
ENDF/B-VII.1 KR-85
alphas from (n,2n)a
ENDF/B-VII.1 KR-85
angular distribution for (n,a*0) alpha
ENDF/B-VII.1 KR-85
angular distribution for (n,a*1) alpha
ENDF/B-VII.1 KR-85
angular distribution for (n,a^2) alpha
ENDF/B-VII.1 KR-85 angular distribution for \((n,a^*3)\) alpha
ENDF/B-VII.1 KR-85
angular distribution for (n,a^4) alpha
ENDF/B-VII.1 KR-85
angular distribution for (n,a^*5) alpha

Energy (MeV)
Cosine
Prob/Cos
ENDF/B-VII.1 KR-85
angular distribution for (n,a*6) alpha
ENDF/B-VII.1 KR-85
angular distribution for (n,a*7) alpha
ENDF/B-VII.1 KR-85
angular distribution for (n,a*8) alpha
ENDF/B-VII.1 KR-85
angular distribution for (n,a*9) alpha
ENDF/B-VII.1 KR-85
angular distribution for \((n,a*10)\) alpha
ENDF/B-VII.1 KR-85
angular distribution for \((n,a^\ast11)\) alpha
ENDF/B-VII.1 KR-85
angular distribution for (n,a*12) alpha
ENDF/B-VII.1 KR-85
angular distribution for (n,a*13) alpha
ENDF/B-VII.1 KR-85
angular distribution for \((n, a^{*14})\) alpha

diagram with axes labeled:
- Cosine on the x-axis
- Prob/Cos on the y-axis
- Energy (MeV) on the z-axis

ENDF/B-VII.1 KR-85
angular distribution for (n,a*15) alpha
ENDF/B-VII.1 KR-85
angular distribution for (n,a*17) alpha
ENDF/B-VII.1 KR-85
angular distribution for (n,α*18) alpha
ENDF/B-VII.1 KR-85
alphas from (n,a*c)