JENDL-3.3 CO-59
Principal cross sections

Cross section (barns) vs. Energy (MeV)
- Total
- Absorption
- Elastic
- Gamma production
JENDL-3.3 CO-59
resonance total cross section

Energy (MeV)

Cross section (barns)

10^{-4} \quad 10^{-3} \quad 10^{-2} \quad 10^{-1} \quad 10^{0} \quad 10^{1} \quad 10^{2} \quad 10^{3} \quad 10^{4}
JENDL-3.3 CO-59
resonance total cross section

![Graph showing the cross section (in barns) vs energy (in MeV). The y-axis is logarithmic, ranging from $10^{-2}$ to $10^2$, and the x-axis is linear, ranging from $10^{-3}$ to $10^{-2}$. The graph has a line labeled 'total'.]
JENDL-3.3 CO-59
resonance total cross section

Cross section (barns)

Energy (MeV)
JENDL-3.3 CO-59
resonance total cross section

Energy (MeV)

Cross section (barns)

total
JENDL-3.3 CO-59
resonance total cross section

Cross section (barns)

Energy (MeV)
JENDL-3.3 CO-59
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
JENDL-3.3 CO-59
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
JENDL-3.3 CO-59
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
JENDL-3.3 CO-59 resonance absorption cross sections

Energy (MeV)

Cross section (barns)
JENDL-3.3 CO-59
resonance absorption cross sections

Energy (MeV) vs. Cross section (barns)
JENDL-3.3 CO-59
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic
- gamma production

Energy (MeV)
JENDL-3.3 CO-59
angular distribution for elastic
JENDL-3.3 CO-59
angular distribution for (n,n*1)
JENDL-3.3 CO-59
angular distribution for \((n,n^*2)\)
JENDL-3.3 CO-59
angular distribution for \((n,n^*3)\)
JENDL-3.3 CO-59
angular distribution for (n,n*4)
JENDL-3.3 CO-59
angular distribution for (n,n*5)
JENDL-3.3 CO-59
angular distribution for (n,n*6)
JENDL-3.3 CO-59
angular distribution for \((n,n^*7)\)
JENDL-3.3 CO-59
angular distribution for (n,n*8)
JENDL-3.3 CO-59
angular distribution for (n,n*9)
JENDL-3.3 CO-59
angular distribution for (n,n*10)
JENDL-3.3 CO-59
angular distribution for (n,n*11)
JENDL-3.3 CO-59
angular distribution for (n,n*12)
JENDL-3.3 CO-59
angular distribution for (n,n*13)
JENDL-3.3 CO-59
angular distribution for (n,n*14)
JENDL-3.3 CO-59
angular distribution for (n,n*15)
JENDL-3.3 CO-59
angular distribution for (n,n*16)
JENDL-3.3 CO-59
angular distribution for (n,n*17)
JENDL-3.3 CO-59
angular distribution for (n,n*18)
JENDL-3.3 CO-59
angular distribution for (n,n*19)
JENDL-3.3 CO-59
angular distribution for (n,n*20)
JENDL-3.3 CO-59
Neutron emission for (n,2n)
JENDL-3.3 CO-59
Neutron emission for (n,n*)a
JENDL-3.3 CO-59
Neutron emission for \((n,n^*p)\)
JENDL-3.3 CO-59
Neutron emission for (n,n*c)
JENDL-3.3 CO-59
Photon emission for (n,2n)
JENDL-3.3 CO-59
Photon emission for (n,n*)a
JENDL-3.3 CO-59
Photon emission for \((n,n^*)p\)
JENDL-3.3 CO-59
Photon emission for (n,n*c)
JENDL-3.3 CO-59
Photon emission for (n,gma)
JENDL-3.3 CO-59
Photon emission for (n,p)
JENDL-3.3 CO-59
Photon emission for (n,d)
JENDL-3.3 CO-59
Photon emission for (n,a)
JENDL-3.3 CO-59
14 MeV photon spectrum

Gamma Prod (barns/MeV)

Gamma Energy (MeV)
JENDL-3.3 CO-59
Particle heating contributions

- protons
- deuterons
- alphas

Energy (MeV) vs. MeV/collision
JENDL-3.3 CO-59
Particle production cross sections

Energy (MeV)

Cross section (barns)

protons
deuterons
alphas

Energy (MeV)
JENDL-3.3 CO-59
protons from (n,xp)
JENDL-3.3 CO-59
deuterons from (n,xd)
JENDL-3.3 CO-59
alphas from (n,xa)