ENDF/B-V LI-7B
Heating

Energy (MeV)

Heating (MeV/reaction)

-11 -10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 10 100 101

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-V LI-7B
Non-threshold reactions

Energy (MeV)

Cross section (barns)

$^{(n,gma)}$
ENDF/B-V LI-7B
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic
- gamma production

Energy (MeV)
ENDF/B-V LI-7B
Inelastic levels

Energy (MeV)

Cross section (barns)

(n,n*11)
(n,n*12)
(n,n*13)
(n,n*14)
(n,n*15)
ENDF/B-V LI-7B
Inelastic levels

Energy (MeV)

Cross section (barns)

(n,n^31)

(n,n^32)
ENDF/B-V LI-7B
angular distribution for elastic
ENDF/B-V LI-7B
angular distribution for (n,2n)
ENDF/B-V LI-7B angular distribution for (n,2n)a
ENDF/B-V LI-7B
angular distribution for (n,3n)a
ENDF/B-V LI-7B
angular distribution for (n,n*1)
ENDF/B-V LI-7B
angular distribution for \( (n,n^*2) \)
ENDF/B-V LI-7B
angular distribution for (n,n*3)
ENDF/B-V LI-7B
angular distribution for (n,n*4)
ENDF/B-V LI-7B
angular distribution for (n,n*5)
ENDF/B-V LI-7B
angular distribution for (n,n*6)
ENDF/B-V LI-7B
angular distribution for (n,n*7)
ENDF/B-V LI-7B
angular distribution for (n,n*8)
ENDF/B-V LI-7B angular distribution for (n,n*9)
ENDF/B-V LI-7B
angular distribution for (n,n*10)
ENDF/B-V LI-7B
angular distribution for (n,n*11)
ENDF/B-V LI-7B
angular distribution for (n,n*12)
ENDF/B-V LI-7B
angular distribution for (n,n*13)
ENDF/B-V LI-7B
angular distribution for (n,n*14)
ENDF/B-V LI-7B
angular distribution for (n,n*15)
ENDF/B-V LI-7B angular distribution for \((n,n^*16)\).
ENDF/B-V LI-7B
angular distribution for (n,n*17)
ENDF/B-V LI-7B
angular distribution for (n,n*18)
ENDF/B-V LI-7B
angular distribution for (n,n*19)
ENDF/B-V LI-7B
angular distribution for \( (n,n^*20) \)
ENDF/B-V LI-7B
angular distribution for (n,n*21)
ENDF/B-V LI-7B
Neutron emission for (n,2n)
ENDF/B-V LI-7B
Neutron emission for (n,2n)a
ENDF/B-V Li-7B
Neutron emission for (n,3n)a
ENDF/B-V LI-7B thermal capture photon spectrum

Gamma Energy (MeV)

Gamma Prod (barns/MeV)
ENDF/B-V LI-7B
14 MeV photon spectrum

Gamma Energy (MeV)

Gamma Prod (barns/MeV)