ENDF/B-VII.1 I-131
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic
ENDF/B-VII.1 I-131 resonance total cross section

Cross section (barns) vs. Energy (MeV)
ENDF/B-VII.1 I-131 resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VII.1 I-131 UR total cross section

[Graph showing the total cross section of UR as a function of energy. The x-axis represents energy in MeV, ranging from $10^{-2}$ to $10^{-1}$, and the y-axis represents cross section in barns, ranging from $10^{-1}$ to $10^{2}$. The graph includes a line for Inf. Dil. and two lines for different cross sections labeled 100 b and 1 b, respectively.]
ENDF/B-VII.1 I-131
UR elastic cross section

![Graph showing elastic cross section vs energy](image-url)
ENDF/B-VII.1 I-131 UR capture cross section

Energy (MeV)

Cross section (barns)

Inf. Dil.
100 b
1 b
ENDF/B-VII.1 I-131 Damage

Energy (MeV) vs. Damage (MeV-barns) graph
ENDF/B-VII.1 I-131
Non-threshold reactions

Cross section (barns) vs. Energy (MeV) graph showing the data for non-threshold reactions of I-131.
ENDF/B-VII.1 I-131
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic

Energy (MeV)
ENDF/B-VII.1 I-131 Damage

Energy (MeV) vs. Damage (MeV-barns) graph.
ENDF/B-VII.1 I-131
Non-threshold reactions

Cross section (barns)

Energy (MeV)

(n,gma)
ENDF/B-VII.1 I-131
Inelastic levels

Energy (MeV)

Cross section (barns)

*10^{-3}

(n,n*)

(n,n*11)

(n,n*12)

(n,n*13)

(n,n*14)

(n,n*15)
ENDF/B-VII.1 I-131
Threshold reactions

Energy (MeV)

Cross section (barns)

- (n,2n)
- (n,3n)
- (n,n*)a
- (n,n*)p
- (n,n*)d
ENDF/B-VII.1 I-131
Threshold reactions

Cross section (barns)

Energy (MeV)

- $(n,n^*)t$
- $(n,n^*c)$
- $(n,p)$
- $(n,d)$
- $(n,t)$
ENDF/B-VII.1 I-131
Threshold reactions

Energy (MeV)

Cross section (barns)
ENDF/B-VII.1 I-131 angular distribution for elastic
ENDF/B-VII.1 I-131
angular distribution for (n,2n)
ENDF/B-VII.1 I-131
angular distribution for (n,3n)
ENDF/B-VII.1 I-131
angular distribution for (n,n*)a
ENDF/B-VII.1 I-131
angular distribution for (n,n*)p
ENDF/B-VII.1 I-131
angular distribution for (n,n*)d
ENDF/B-VII.1 I-131 angular distribution for (n,n*)t
ENDF/B-VII.1 I-131 angular distribution for (n,n*1)
ENDF/B-VII.1 I-131
angular distribution for (n,n*2)
ENDF/B-VII.1 I-131 angular distribution for (n,n*3)
ENDF/B-VII.1 I-131 angular distribution for (n,n*4)
ENDF/B-VII.1 I-131 angular distribution for (n,n*5)
ENDF/B-VII.1 I-131
angular distribution for \((n,n^6)\)
ENDF/B-VII.1 I-131
angular distribution for (n,n*7)
ENDF/B-VII.1 I-131
angular distribution for \((n,n^*8)\)
ENDF/B-VII.1 I-131 angular distribution for (n,n*9)
ENDF/B-VII.1 I-131
angular distribution for (n,n*10)
ENDF/B-VII.1 I-131 angular distribution for (n,n^*11)
ENDF/B-VII.1 I-131
angular distribution for (n,n*12)
ENDF/B-VII.1 I-131
angular distribution for (n,n*13)
ENDF/B-VII.1 I-131 angular distribution for (n,n*14)
ENDF/B-VII.1 I-131 angular distribution for (n,n*15)
ENDF/B-VII.1 I-131 angular distribution for (n,n*c)
ENDF/B-VII.1 I-131
Neutron emission for (n,2n)
ENDF/B-VII.1 I-131
Neutron emission for (n,3n)
ENDF/B-VII.1 I-131
Neutron emission for \((n,n^*)a\)
ENDF/B-VII.1 I-131
Neutron emission for \((n,n^*)p\)
ENDF/B-VII.1 I-131
Neutron emission for (n,n*)d
ENDF/B-VII.1 I-131
Neutron emission for \((n,n^*)t\)
ENDF/B-VII.1 I-131
Neutron emission for (n,n*c)