JEFF-3.0 SN-118
Principal cross sections

Cross section (barns)

Energy (MeV)

- total
- absorption
- elastic
JEFF-3.0 SN-118
resonance total cross section

Energy (MeV)

Cross section (barns)

10^{-5}  10^{-4}
JEFF-3.0 SN-118
resonance total cross section

Cross section (barns)

Energy (MeV)
JEFF-3.0 SN-118
resonance total cross section

Cross section (barns)

Energy (MeV)
JEFF-3.0 SN-118
resonance total cross section

- Energy (MeV)
- Cross section (barns)
- total

The graph shows the total cross section of SN-118 as a function of energy, with a logarithmic scale for both axes.
JEFF-3.0 SN-118
resonance absorption cross sections

![Graph showing cross section vs. energy for an absorption process]

- Energy (MeV) on the x-axis, ranging from $10^{-5}$ to $10^{-4}$.
- Cross section (barns) on the y-axis, ranging from $10^{-2}$ to $10^2$.

The graph illustrates the resonance absorption cross sections for SN-118, with a sharp peak around $10^{-5}$ MeV, indicating a significant absorption effect at that energy level.
JEFF-3.0 SN-118
resonance absorption cross sections

![Graph showing resonance absorption cross sections with energy on the x-axis and cross section in barns on the y-axis. The graph has multiple peaks and valleys indicating resonances.]
JEFF-3.0 SN-118 resonance absorption cross sections

Energy (MeV) vs Cross section (barns) graph

Capture cross section curve

The graph shows the capture cross section for SN-118 as a function of energy. The cross section decreases significantly with increasing energy.
JEFF-3.0 SN-118
Non-threshold reactions

Energy (MeV) vs. Cross section (barns)

- (n,gma)

The graph shows the non-threshold reactions of JEFF-3.0 SN-118, with energy on the x-axis and cross section on the y-axis, both on a log scale.
JEFF-3.0 SN-118
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic
JEFF-3.0 SN-118
Inelastic levels

Energy (MeV)

Cross section (barns)

(n,n*1)
(n,n*2)
(n,n*3)
(n,n*4)
(n,n*5)
JEFF-3.0 SN-118
angular distribution for elastic
JEFF-3.0 SN-118
angular distribution for (n,2n)
JEFF-3.0 SN-118
angular distribution for (n,3n)
JEFF-3.0 SN-118
angular distribution for (n,n*)a
JEFF-3.0 SN-118
angular distribution for \((n,n^*1)\)
JEFF-3.0 SN-118
angular distribution for (n,n*2)
JEFF-3.0 SN-118
angular distribution for (n,n^*3)
JEFF-3.0 SN-118
angular distribution for (n,n*4)
JEFF-3.0 SN-118
angular distribution for (n,n^*5)
JEFF-3.0 SN-118
angular distribution for \((n,n^*6)\)
JEFF-3.0 SN-118
angular distribution for (n,n*7)
JEFF-3.0 SN-118
angular distribution for (n,n*c)
JEFF-3.0 SN-118
Neutron emission for (n,2n)
JEFF-3.0 SN-118
Neutron emission for (n,3n)
JEFF-3.0 SN-118
Neutron emission for \((n,n^*)a\)
JEFF-3.0 SN-118
Neutron emission for \((n,n^*)p\)
JEFF-3.0 SN-118
Neutron emission for \((n,n^*c)\)