JEFF-3.0 AR-36
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic

Energy (MeV)
JEFF-3.0 AR-36
Non-threshold reactions

![Graph showing energy versus cross section for non-threshold reactions. The x-axis represents energy in MeV, ranging from $10^{-11}$ to $10^1$. The y-axis represents cross section in barns, ranging from $10^{-3}$ to $10^2$. A line indicates the (n,gma) reaction.]
JEFF-3.0 AR-36
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic

Energy (MeV)
JEFF-3.0 AR-36
Non-threshold reactions

Cross section (barns)

Energy (MeV)
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Inelastic levels

Cross section (barns)

Energy (MeV)
JEFF-3.0 AR-36
Threshold reactions

Energy (MeV)

Cross section (barns)

(n,d)
(n,a)
(n,2a)
JEFF-3.0 AR-36
angular distribution for elastic

![Graph of angular distribution for elastic scattering. The x-axis represents energy (MeV) ranging from 0 to 20, the y-axis represents cosine values from -1 to 1, and the z-axis represents probability density from $10^{-1}$ to $10^1$. The graph shows oscillatory patterns with peaks and troughs, indicating the angular distribution of elastic scattering.]