JEFF-3.0 IR-NAT
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic
- gamma production
JEFF-3.0 IR-NAT
resonance total cross section

Energy (MeV)

Cross section (barns)

10^2

10^3

10^4

10^{-7}

10^{-6}
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cross section
JEFF-3.0 IR-NAT
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

Capture
JEFF-3.0 IR-NAT
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

- Capture
JEFF-3.0 IR-NAT
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
JEFF-3.0 IR-NAT
resonance absorption cross sections

capture

Cross section (barns)

Energy (MeV)
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Inelastic levels

Cross section (barns) vs. Energy (MeV)

- (n,n*6)
- (n,n*7)
- (n,n*8)
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angular distribution for elastic
JEFF-3.0 IR-NAT
Neutron emission for (n,2n)
JEFF-3.0 IR-NAT
Neutron emission for (n,2n)
JEFF-3.0 IR-NAT
Neutron emission for (n,3n)
JEFF-3.0 IR-NAT
Neutron emission for (n,3n)
JEFF-3.0 IR-NAT
Neutron emission for (n,3n)
Jeff-3.0 IR-NAT

Neutron emission for (n,n*)
JEFF-3.0 IR-NAT
Photon emission for \((n, n^*c)\)
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Photon emission for (n,gma)
JEFF-3.0 IR-NAT
Photon emission for (n,p)
JEFF-3.0 IR-NAT
Photon emission for (n,a)
JEFF-3.0 IR-NAT
thermal capture photon spectrum
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14 MeV photon spectrum