JEFF-3.0 PU-243
resonance total cross section

Energy (MeV) vs. Cross section (barns) graph

- Energy (MeV) range: $10^{-6}$ to $10^{-5}$
- Cross section (barns) range: $10^1$ to $10^4$
- Label: total
JEFF-3.0 PU-243
resonance total cross section

Energy (MeV)

Cross section (barns)

10^{-5} to 10^{-4}

10^1 to 10^3
JEFF-3.0 PU-243
resonance total cross section

Cross section (barns)

Energy (MeV)
JEFF-3.0 PU-243
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
fission
JEFF-3.0 PU-243
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
fission
JEFF-3.0 PU-243
Non-threshold reactions

Energy (MeV)

Cross section (barns)

- fission
- (n,gma)
JEFF-3.0 PU-243
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic
- gamma production

Energy (MeV)
JEFF-3.0 PU-243
Non-threshold reactions

Energy (MeV) vs. Cross section (barns)

- Black curve: fission
- Red curve: (n,gma)
JEFF-3.0 PU-243
angular distribution for elastic
JEFF-3.0 PU-243
angular distribution for (n,2n)
JEFF-3.0 PU-243
angular distribution for fission
JEFF-3.0 PU-243
angular distribution for (n,4n)
JEFF-3.0 PU-243
angular distribution for (n,n*c)
JEFF-3.0 PU-243
Neutron emission for (n,2n)
JEFF-3.0 PU-243
Neutron emission for (n,3n)
JEFF-3.0 PU-243
Neutron emission for (n,4n)
JEFF-3.0 PU-243
Neutron emission for \((n,n^*c)\)
Photon emission for fission
JEFF-3.0 PU-243
Photon emission for (n,gma)
JEFF-3.0 PU-243
Photon emission for nonelastic
JEFF-3.0 PU-243
thermal capture photon spectrum
JEFF-3.0 PU-243
14 MeV photon spectrum

Gamma Energy (MeV)

Gamma Prod (barns/MeV)