JEFF-3.0 AM-243
Principal cross sections

Cross section (barns)

Energy (MeV)
JEFF-3.0 AM-243
resonance total cross section
JEFF-3.0 AM-243
resonance total cross section
JEFF-3.0 AM-243
resonance total cross section

Cross section (barns)

Energy (MeV)
JEFF-3.0 AM-243
resonance total cross section
JEFF-3.0 AM-243
resonance total cross section

Energy (MeV)

Cross section (barns)
JEFF-3.0 AM-243
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

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

Cross section (barns)

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

Energy (MeV)

Cross section (barns)

- Capture
- Fission

10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^{0} 10^{1} 10^{2} 10^{3}
JEFF-3.0 AM-243
resonance absorption cross sections

![Graph showing resonance absorption cross sections for capture and fission processes. The x-axis represents energy (MeV) ranging from $10^{-1}$ to $10^0$, and the y-axis represents cross section (barns) ranging from $10^0$ to $10^{-2}$. The graph includes a line for capture and a dashed line for fission.]
JEFF-3.0 AM-243
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

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

Energy (MeV)

Cross section (barns)

- fission
- \( (n,\gamma ma) \)
JEFF-3.0 AM-243
Non-threshold reactions

Energy (MeV)

Cross section (barns)

- fission
- (n,gma)
JEFF-3.0 AM-243
Inelastic levels

Energy (MeV)

Cross section (barns)

(n,n*1)  
(n,n*2)  
(n,n*3)  
(n,n*4)  
(n,n*5)  

Energy (MeV)
JEFF-3.0 AM-243
Inelastic levels

Energy (MeV)

Cross section (barns)

0.0 0.1 0.2 0.3 0.4 0.5

0 1 2 3 4 5

(n,n*6) (n,n*7) (n,n*8) (n,n*9)
JEFF-3.0 AM-243
Threshold reactions

Cross section (barns)

Energy (MeV)

(n,2n)
(n,3n)
(n,n*c)
JEFF-3.0 AM-243
angular distribution for elastic