JEFF-3.0 HF-177
resonance total cross section

Energy (MeV)

Cross section (barns)

total
JEFF-3.0 HF-177
resonance total cross section

Energy (MeV)

Cross section (barns)
JEFF-3.0 HF-177
resonance total cross section

Energy (MeV)

Cross section (barns)
JEFF-3.0 HF-177
resonance total cross section

Cross section (barns)

Energy (MeV)
JEFF-3.0 HF-177
resonance total cross section

Energy (MeV)

Cross section (barns)

- total
JEFF-3.0 HF-177
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
JEFF-3.0 HF-177
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
JEFF-3.0 HF-177 resonance absorption cross sections

Energy (MeV) vs. Cross section (barns)

- Capture

Cross section (barns)

- 10^3
- 10^2
- 10^1
- 10^0
- 10^{-1}
- 10^{-2}
- 10^{-3}

Energy (MeV)

- 10^{-4}
- 10^{-3}
JEFF-3.0 HF-177
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
JEFF-3.0 HF-177
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
JEFF-3.0 HF-177
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n,gma)
JEFF-3.0 HF-177
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic
- gamma production

Energy (MeV)
JEFF-3.0 HF-177
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n,\gamma a)
JEFF-3.0 HF-177
Inelastic levels

Energy (MeV)

Cross section (barns)

(n,n*11)
(n,n*12)
(n,n*13)
(n,n*14)
(n,n*15)
JEFF-3.0 HF-177
angular distribution for elastic

Prob/Cos

Energy (MeV)

Cosine
JEFF-3.0 HF-177
angular distribution for (n,n*1)
JEFF-3.0 HF-177
angular distribution for (n,n*2)
JEFF-3.0 HF-177
angular distribution for (n,n*3)
JEFF-3.0 HF-177
angular distribution for (n,n*4)
JEFF-3.0 HF-177
angular distribution for $(n,n^*5)$
JEFF-3.0 HF-177
angular distribution for (n,n*6)
JEFF-3.0 HF-177
angular distribution for \((n,n^*7)\)
JEFF-3.0 HF-177
angular distribution for (n,n*8)
JEFF-3.0 HF-177
angular distribution for (n,n*9)
JEFF-3.0 HF-177
angular distribution for (n,n*10)
JEFF-3.0 HF-177
angular distribution for \((n,n^{*11})\)
JEFF-3.0 HF-177
angular distribution for (n,n*12)
JEFF-3.0 HF-177
angular distribution for (n,n*13)
JEFF-3.0 HF-177
angular distribution for (n,n*14)
JEFF-3.0 HF-177
angular distribution for (n,n*15)
JEFF-3.0 HF-177
angular distribution for (n,n^*16)
JEFF-3.0 HF-177
Neutron emission for (n,2n)
JEFF-3.0 HF-177
Neutron emission for \((n,3n)\)
JEFF-3.0 HF-177
Neutron emission for (n,n^c)
JEFF-3.0 HF-177
Photon emission for (n,2n)
JEFF-3.0 HF-177
Photon emission for (n,3n)
JEFF-3.0 HF-177
Photon emission for (n,n*c)
JEFF-3.0 HF-177
Photon emission for (n,gma)
JEFF-3.0 HF-177
Photon emission for (n,p)
JEFF-3.0 HF-177
Photon emission for (n,a)
JEFF-3.0 HF-177 thermal capture photon spectrum

Gamma Energy (MeV)

Gamma Prod (barns/MeV)
JEFF-3.0 HF-177
14 MeV photon spectrum