JEFF-3.0 HF-178

resonance total cross section

Cross section (barns) vs. Energy (MeV)
JEFF-3.0 HF-178
resonance total cross section

Energy (MeV)

Cross section (barns)

total
JEFF-3.0 HF-178
resonance total cross section
JEFF-3.0 HF-178
resonance total cross section

Energy (MeV)

Cross section (barns)
JEFF-3.0 HF-178
resonance total cross section

Cross section (barns)

Energy (MeV)
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resonance absorption cross sections
JEFF-3.0 HF-178
resonance absorption cross sections

Energy (MeV)

Cross section (barns)
JEFF-3.0 HF-178 resonance absorption cross sections

Energy (MeV)

Cross section (barns)

- Capture curve
JEFF-3.0 HF-178
Principal cross sections

Energy (MeV)
Cross section (barns)

- total
- absorption
- elastic
- gamma production
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Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n,\gamma a)
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Inelastic levels

Energy (MeV)

Cross section (barns)

(n,n*11)
(n,n*12)
(n,n*13)
(n,n*14)
(n,n*15)
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Inelastic levels

Energy (MeV)

Cross section (barns)

(n,n*16)
(n,n*17)
(n,n*18)
(n,n*19)
(n,n*20)
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Inelastic levels

Energy (MeV)

Cross section (barns)

$^{*10^{-6}}$

(n,n$^{*21}$)
JEFF-3.0 HF-178
angular distribution for elastic
JEFF-3.0 HF-178
angular distribution for (n,n*1)
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angular distribution for (n,n*2)
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angular distribution for \((n,n^*3)\)
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angular distribution for \((n,n^*4)\)
JEFF-3.0 HF-178
angular distribution for \((n,n^*5)\)
JEFF-3.0 HF-178
angular distribution for (n,n*6)
JEFF-3.0 HF-178
angular distribution for (n,n*7)
JEFF-3.0 HF-178
angular distribution for (n,n*8)
JEFF-3.0 HF-178
angular distribution for (n,n*9)
JEFF-3.0 HF-178
angular distribution for (n,n*10)
JEFF-3.0 HF-178
angular distribution for (n,n*11)
JEFF-3.0 HF-178
angular distribution for (n,n*12)
JEFF-3.0 HF-178
angular distribution for (n,n*13)
JEFF-3.0 HF-178
angular distribution for (n,n*14)
JEFF-3.0 HF-178
angular distribution for (n,n*15)
JEFF-3.0 HF-178
angular distribution for (n,n*16)
JEFF-3.0 HF-178
angular distribution for (n,n*17)
JEFF-3.0 HF-178
angular distribution for (n,n*18)
JEFF-3.0 HF-178
angular distribution for (n,n*19)
JEFF-3.0 HF-178
angular distribution for (n,n*20)
JEFF-3.0 HF-178
angular distribution for (n,n*21)
JEFF-3.0 HF-178
Neutron emission for (n,2n)
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Neutron emission for (n,3n)
JEFF-3.0 HF-178
Neutron emission for (n,n*c)
JEFF-3.0 HF-178
Photon emission for (n,2n)
JEFF-3.0 HF-178
Photon emission for (n,3n)
JEFF-3.0 HF-178
Photon emission for \((n,n^*c)\)
JEFF-3.0 HF-178
Photon emission for (n,gma)
JEFF-3.0 HF-178
Photon emission for (n,p)
JEFF-3.0 HF-178
Photon emission for (n,a)
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thermal capture photon spectrum

Gamma Prod (barns/MeV) vs. Gamma Energy (MeV)
JEFF-3.0 HF-178
14 MeV photon spectrum

Gamma Prod (barns/MeV)

Gamma Energy (MeV)