JEFF-3.1 ER-166
resonance total cross section

Energy (MeV)

Cross section (barns)
JEFF-3.1 ER-166
resonance total cross section

Energy (MeV) vs. Cross section (barns)
JEFF-3.1 ER-166
resonance total cross section

Cross section (barns)

Energy (MeV)
JEFF-3.1 ER-166
resonance absorption cross sections
JEFF-3.1 ER-166
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

Capture
JEFF-3.1 ER-166
resonance absorption cross sections

capture

Cross section (barns)

Energy (MeV)
JEFF-3.1 ER-166
Principal cross sections

<table>
<thead>
<tr>
<th>Energy (MeV)</th>
<th>Cross section (barns)</th>
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</tbody>
</table>

- total
- absorption
- elastic
- gamma production
JEFF-3.1 ER-166
Non-threshold reactions

Cross section (barns) vs. Energy (MeV)

(n,gma)
JEFF-3.1 ER-166
angular distribution for elastic
JEFF-3.1 ER-166
general distribution for (n,n*1)
JEFF-3.1 ER-166
angular distribution for (n,n*2)
JEFF-3.1 ER-166
angular distribution for \( (n,n^*3) \)
JEFF-3.1 ER-166
angular distribution for (n,n*4)
JEFF-3.1 ER-166
angular distribution for (n,n*5)
JEFF-3.1 ER-166
angular distribution for (n,n*7)
JEFF-3.1 ER-166
angular distribution for (n,n*8)
JEFF-3.1 ER-166
angular distribution for (n,n*9)
JEFF-3.1 ER-166
angular distribution for (n,n*10)
JEFF-3.1 ER-166
angular distribution for \((n,n^*11)\)
JEFF-3.1 ER-166
angular distribution for (n,n*12)
JEFF-3.1 ER-166
angular distribution for (n,n*13)
JEFF-3.1 ER-166
angular distribution for \((n,n^{*14})\)
JEFF-3.1 ER-166
angular distribution for \((n,n^*15)\)
JEFF-3.1 ER-166
angular distribution for (n,n*16)
JEFF-3.1 ER-166
angular distribution for (n,n*17)
JEFF-3.1 ER-166
angular distribution for (n,n*18)
JEFF-3.1 ER-166
angular distribution for (n,n*19)
JEFF-3.1 ER-166
angular distribution for (n,n*20)
JEFF-3.1 ER-166
angular distribution for (n,n*21)
JEFF-3.1 ER-166
angular distribution for (n,n*22)
JEFF-3.1 ER-166
angular distribution for (n,n*23)
JEFF-3.1 ER-166
angular distribution for (n,n*24)
JEFF-3.1 ER-166
angular distribution for \((n,n^*c)\)
JEFF-3.1 ER-166
Neutron emission for (n,2n)
JEFF-3.1 ER-166
Neutron emission for (n,3n)
JEFF-3.1 ER-166
Neutron emission for (n,n*)a
JEFF-3.1 ER-166
Neutron emission for \((n,n^*)p\)
JEFF-3.1 ER-166
Neutron emission for \((n,n^*)d\)
JEFF-3.1 ER-166
Neutron emission for (n,n^c)
JEFF-3.1 ER-166
Photon emission for (n,2n)
JEFF-3.1 ER-166
Photon emission for (n,3n)
JEFF-3.1 ER-166
Photon emission for (n,n*)a
JEFF-3.1 ER-166
Photon emission for \((n,n^*)p\)
JEFF-3.1 ER-166
Photon emission for (n,gma)
JEFF-3.1 ER-166
Photon emission for (n,p)
JEFF-3.1 ER-166
Photon emission for \((n,d)\)
JEFF-3.1 ER-166
Photon emission for (n,a)
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thermal capture photon spectrum

Gamma Energy (MeV)

Gamma Prod (barns/MeV)
Gamma Energy (MeV)

Gamma Prod (barns/MeV)

14 MeV Photon Spectrum

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