JEFF-3.0 CM-242
resonance total cross section

Cross section (barns)

Energy (MeV)
JEFF-3.0 CM-242
resonance total cross section

Cross section (barns)

Energy (MeV)
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resonance absorption cross sections

graph showing energy (MeV) on the x-axis and cross section (barns) on the y-axis, with capture and fission curves.
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resonance absorption cross sections

Energy (MeV)

Cross section (barns)

- capture
- fission
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resonance absorption cross sections

Cross section (barns)

Energy (MeV)
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angular distribution for (n,2n)
JEFF-3.0 CM-242
angular distribution for (n,3n)
JEFF-3.0 CM-242
angular distribution for fission
JEFF-3.0 CM-242
angular distribution for (n,n*1)
JEFF-3.0 CM-242
angular distribution for (n,n*2)
JEFF-3.0 CM-242
angular distribution for (n,n*3)
JEFF-3.0 CM-242
angular distribution for \((n,n^c)\)
Photon emission for fission

Graph showing the probability of photon emission in MeV as a function of the energy of the emitted neutrons (En in MeV) and the energy of the emitted photons (Ey in MeV). The x-axis represents En in MeV, ranging from 0 to 20. The y-axis represents Ey in MeV, ranging from 0 to 10. The z-axis represents the probability of photon emission on a logarithmic scale from $10^{-2}$ to $10^0$. The graph shows a peak at certain values of En and Ey, indicating the most probable emission of photons.
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Photon emission for (n,gma)
Photon emission for nonelastic
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thermal capture photon spectrum

Gamma Prod (barns/MeV)

Gamma Energy (MeV)
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14 MeV photon spectrum

Gamma Energy (MeV)

Gamma Prod (barns/MeV)