JEFF-3.1 MO-95
resonance total cross section

Cross section (barns)

Energy (MeV)
JEFF-3.1 MO-95 resonance absorption cross sections

Cross section (barns)

Energy (MeV)

Capture
JEFF-3.1 MO-95 resonance absorption cross sections

Cross section (barns) vs. Energy (MeV)
JEFF-3.1 MO-95 resonance absorption cross sections

Capture

Energy (MeV)

Cross section (barns)
JEFF-3.1 MO-95
UR total cross section

Energy (MeV)

Cross section (barns)

- Inf. Dil.
- 100 b
- 1 b

Energy (MeV)
JEFF-3.1 MO-95
UR elastic cross section

Cross section (barns)

Energy (MeV)
JEFF-3.1 MO-95
UR capture cross section

Energy (MeV) vs. Cross section (barns)

Inf. Dil. 100 b 1 b
JEFF-3.1 MO-95
Heating

Energy (MeV)

Heating (MeV/reaction)

heating
Figure: JEFF-3.1 MO-95 Damage plot. The graph shows the relationship between energy (MeV) on the x-axis and damage (MeV-barns) on the y-axis. The plot includes a line labeled 'damage' that depicts the variation in damage with energy.
JEFF-3.1 MO-95
Heating

Energy (MeV)

Heating (MeV/reaction)

heating
JEFF-3.1 MO-95
Non-threshold reactions

Energy (MeV)

Cross section (barns)

\((n,\text{gma})\)
JEFF-3.1 MO-95
Threshold reactions

Cross section (barns)

Energy (MeV)
JEFF-3.1 MO-95
Threshold reactions

Cross section (barns)

Energy (MeV)
JEFF-3.1 MO-95
angular distribution for elastic
JEFF-3.1 MO-95
angular distribution for \((n,n^*1)\)
JEFF-3.1 MO-95
angular distribution for (n,n*2)
JEFF-3.1 MO-95
angular distribution for \((n,n^*3)\)
JEFF-3.1 MO-95
angular distribution for \((n,n^*4)\)
JEFF-3.1 MO-95
Neutron emission for (n,2n)
JEFF-3.1 MO-95
Neutron emission for (n,3n)
JEFF-3.1 MO-95
Neutron emission for (n,n*)a
JEFF-3.1 MO-95
Neutron emission for \((n,n^*)p\)
JEFF-3.1 MO-95
Neutron emission for (n,n^c)
JEFF-3.1 MO-95
Photon emission for (n,2n)
JEFF-3.1 MO-95
Photon emission for (n,3n)
JEFF-3.1 MO-95
Photon emission for \((n,n^*)p\)
JEFF-3.1 MO-95
Photon emission for \((n, n^*c)\)
JEFF-3.1 MO-95
Photon emission for (n,gma)
JEFF-3.1 MO-95
Photon emission for \((n,p^*c)\)
JEFF-3.1 MO-95
thermal capture photon spectrum
JEFF-3.1 MO-95
14 MeV photon spectrum

Gamma Energy (MeV)

Gamma Prod (barns/MeV)
Recoil Heating

![Graph showing recoil heating vs energy](image-url)
JEFF-3.1 MO-95
Particle production cross sections

![Graph showing energy vs. cross section for protons and alphas](image-url)
JEFF-3.1 MO-95
protons from $(n,n^*)p$
JEFF-3.1 MO-95
angular distribution for (n,p*0) proton
JEFF-3.1 MO-95
angular distribution for (n,p*1) proton
JEFF-3.1 MO-95
protons from (n,p*c)
JEFF-3.1 MO-95
alphas from \((n,n^*)\)a
JEFF-3.1 MO-95
angular distribution for (n,a*0) alpha
JEFF-3.1 MO-95
angular distribution for (n,a*1) alpha
JEFF-3.1 MO-95
angular distribution for \((n,a^2)\) alpha
JEFF-3.1 MO-95
angular distribution for (n,a*3) alpha
JEFF-3.1 MO-95
angular distribution for (n,a*4) alpha
JEFF-3.1 MO-95
angular distribution for (n,a*5) alpha
JEFF-3.1 MO-95
alphas from (n,a*c)