JEFF-3.1 U-235
resonance total cross section

Cross section (barns)

Energy (MeV)
JEFF-3.1 U-235
resonance total cross section

Energy (MeV)

Cross section (barns)

total
JEFF-3.1 U-235
resonance total cross section
JEFF-3.1 U-235
cross section
JEFF-3.1 U-235
resonance total cross section

Energy (MeV) vs. Cross section (barns)
JEFF-3.1 U-235
resonance total cross section

Cross section (barns)

Energy (MeV)

10^1
10^{-2}
10^{-1}
JEFF-3.1 U-235
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
fission
JEFF-3.1 U-235 resonance absorption cross sections

Cross section (barns)

Energy (MeV)
JEFF-3.1 U-235
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
JEFF-3.1 U-235
resonance absorption cross sections
JEFF-3.1 U-235
resonance absorption cross sections

Energy (MeV)

Cross section (barns)
JEFF-3.1 U-235 resonance absorption cross sections
JEFF-3.1 U-235
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic
- gamma production

Energy (MeV)

2 4 6 8 10 12 14 16 18 20
JEFF-3.1 U-235 Damage

Energy (MeV)

Damage (MeV-barns)

*10^-3
JEFF-3.1 U-235
Non-threshold reactions

Cross section (barns)

Energy (MeV)
JEFF-3.1 U-235
Inelastic levels

Energy (MeV)

Cross section (barns)

(n,n*11)
(n,n*12)
(n,n*13)
(n,n*14)
(n,n*15)
JEFF-3.1 U-235
Inelastic levels

Energy (MeV)

Cross section (barns)

(n,n*16)
(n,n*17)
(n,n*18)
(n,n*19)
(n,n*20)
JEFF-3.1 U-235
Threshold reactions

Cross section (barns)

Energy (MeV)
JEFF-3.1 U-235
angular distribution for elastic
JEFF-3.1 U-235
angular distribution for (n,n*1)
JEFF-3.1 U-235
angular distribution for (n,n*2)
JEFF-3.1 U-235
angular distribution for (n,n*3)
JEFF-3.1 U-235
angular distribution for (n,n*4)
JEFF-3.1 U-235
angular distribution for (n,n*5)
JEFF-3.1 U-235
angular distribution for (n,n*6)
JEFF-3.1 U-235
angular distribution for (n,n*7)
JEFF-3.1 U-235
angular distribution for (n,n*8)
JEFF-3.1 U-235
angular distribution for \((n,n^*9)\)
JEFF-3.1 U-235
angular distribution for (n,n*10)
JEFF-3.1 U-235
angular distribution for (n,n*11)
JEFF-3.1 U-235
angular distribution for \((n,n^{*12})\)
JEFF-3.1 U-235
angular distribution for (n,n*13)
JEFF-3.1 U-235
angular distribution for \((n,n^*14)\)
JEFF-3.1 U-235
angular distribution for (n,n*15)
JEFF-3.1 U-235
angular distribution for \((n,n^{*}16)\)
JEFF-3.1 U-235
angular distribution for \((n,n^*17)\)
JEFF-3.1 U-235
angular distribution for (n,n*18)
JEFF-3.1 U-235
angular distribution for (n,n*19)
JEFF-3.1 U-235
angular distribution for (n,n*20)
JEFF-3.1 U-235
angular distribution for (n,n*21)
JEFF-3.1 U-235
angular distribution for (n,n*22)
JEFF-3.1 U-235
angular distribution for (n,n\*23)
JEFF-3.1 U-235
angular distribution for (n,n*24)
JEFF-3.1 U-235
angular distribution for (n,n*25)
JEFF-3.1 U-235
angular distribution for (n,n*26)
JEFF-3.1 U-235
angular distribution for (n,n*27)
JEFF-3.1 U-235
angular distribution for (n,n*28)
JEFF-3.1 U-235
angular distribution for (n,n*29)
JEFF-3.1 U-235
angular distribution for (n,n*30)
JEFF-3.1 U-235
angular distribution for (n,n*31)
JEFF-3.1 U-235
angular distribution for (n,n*32)
JEFF-3.1 U-235
angular distribution for (n,n^*33)
JEFF-3.1 U-235
angular distribution for (n,n*34)
JEFF-3.1 U-235
Neutron emission for (n,2n)
JEFF-3.1 U-235
Neutron emission for (n,3n)
JEFF-3.1 U-235
Neutron emission for fission
JEFF-3.1 U-235
Neutron emission for (n,4n)
JEFF-3.1 U-235
Neutron emission for \((n,n^*c)\)
JEFF-3.1 U-235
Delayed nubar

Delayed nubar

Energy (MeV)
JEFF-3.1 U-235
Photon emission for fission
JEFF-3.1 U-235
Photon emission for (n,gma)
JEFF-3.1 U-235
Photon emission for nonelastic
JEFF-3.1 U-235 thermal capture photon spectrum

Gamma Energy (MeV)

Gamma Prod (barns/MeV)
JEFF-3.1 U-235
14 MeV photon spectrum