JENDL-3.3 U-233
Principal cross sections

![Graph showing cross sections of U-233 in different energy ranges. The graph displays three different cross sections: total, absorption, and elastic. The x-axis represents energy in MeV, ranging from $10^{-11}$ to $10^1$, and the y-axis represents cross section in barns, ranging from $10^{-1}$ to $10^4$. The total cross section is shown in black, absorption in blue, and elastic in green. The graph highlights the energy range where the absorption cross section is particularly high.]
JENDL-3.3 U-233 resonance total cross section

Energy (MeV) vs. Cross section (barns) for U-233.
JENDL-3.3 U-233
resonance total cross section

Energy (MeV)

Cross section (barns)

total
JENDL-3.3 U-233
resonance total cross section

Energy (MeV)

Cross section (barns)

$10^{-4}$ $10^{-3}$ $10^{1}$ $10^{2}$

$10^{-4}$ $10^{-3}$
JENDL-3.3 U-233
resonance total cross section
JENDL-3.3 U-233
resonance total cross section

Cross section (barns)

Energy (MeV)
JENDL-3.3 U-233
resonance absorption cross sections

Capture
Fission
JENDL-3.3 U-233
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
JENDL-3.3 U-233
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

- capture
- fission
JENDL-3.3 U-233 resonance absorption cross sections

Cross section (barns)

Energy (MeV)
JENDL-3.3 U-233
resonance absorption cross sections

![Graph showing resonance absorption cross sections for U-233 with energy on the x-axis and cross section on the y-axis, with two lines representing capture and fission.]
JENDL-3.3 U-233
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
fission
JENDL-3.3 U-233 resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
fission
JENDL-3.3 U-233 Damage

Damage (MeV-barns) vs. Energy (MeV)
JENDL-3.3 U-233 Damage

Energy (MeV)

Damage (MeV-barns)

- damage
JENDL-3.3 U-233
Non-threshold reactions

Energy (MeV)

Cross section (barns)

Fission

(n,gma)
JENDL-3.3 U-233
Threshold reactions

Cross section (barns) vs. Energy (MeV)

- (n,2n)
- (n,3n)
- (n,n^*)
JENDL-3.3 U-233 angular distribution for elastic
JENDL-3.3 U-233
angular distribution for (n,2n)

Prob/Cos

Cosine

Energy (MeV)

0
10
20
30
40
50
60
70
80
90
100

Prob/Cos

Cosine

Energy (MeV)
JENDL-3.3 U-233
angular distribution for (n,3n)
JENDL-3.3 U-233 angular distribution for fission

Energy (MeV)

Prob/Cos

Cosine

1.0 0.5 0.0 -0.5 -1.0 0

Energy (MeV)

100

10 15 20
JENDL-3.3 U-233
angular distribution for (n,n*1)
JENDL-3.3 U-233
angular distribution for (n,n*2)
JENDL-3.3 U-233
angular distribution for (n,n*3)
JENDL-3.3 U-233
angular distribution for (n,n*4)
JENDL-3.3 U-233 angular distribution for (n,n*5)
JENDL-3.3 U-233
angular distribution for (n,n*6)
JENDL-3.3 U-233
angular distribution for (n,n*7)
JENDL-3.3 U-233
angular distribution for (n,n*8)
JENDL-3.3 U-233
angular distribution for (n,n*9)
JENDL-3.3 U-233
angular distribution for (n,n*10)
JENDL-3.3 U-233
angular distribution for (n,n*11)
JENDL-3.3 U-233 angular distribution for (n,n*13)
JENDL-3.3 U-233 angular distribution for \((n,n^{*14})\)
JENDL-3.3 U-233
angular distribution for (n,n*15)
JENDL-3.3 U-233 angular distribution for (n,n*16)
JENDL-3.3 U-233
angular distribution for (n,n*17)
JENDL-3.3 U-233
angular distribution for (n,n*18)
JENDL-3.3 U-233
angular distribution for (n,n*19)
JENDL-3.3 U-233
angular distribution for (n,n*\text{c})
JENDL-3.3 U-233
Delayed neutron spectra

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<th>Group</th>
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