JENDL-3.3 S-32 resonance total cross section

Cross section (barns) vs. Energy (MeV)
JENDL-3.3 S-32 resonance absorption cross sections

Cross section (barns)

Energy (MeV)
JENDL-3.3 S-32
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

- Capture
JENDL-3.3 S-32 Damage

Energy (MeV) vs. Damage (MeV-barns)

- Damage graph showing the relationship between energy (MeV) and damage (MeV-barns).
- The graph illustrates a significant increase in damage at certain energy levels.
- The x-axis represents energy in units of MeV, ranging from $10^{-11}$ to $10^1$.
- The y-axis represents damage in units of MeV-barns, ranging from $10^{-3}$ to $10^0$. 
JENDL-3.3 S-32
Non-threshold reactions

Energy (MeV)

Cross section (barns)

- (n,gma)
- (n,a)
- (n,xa)
JENDL-3.3 S-32
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic
- gamma production
JENDL-3.3 S-32
angular distribution for (n,n*1)
JENDL-3.3 S-32
angular distribution for \((n,n'2)\)
JENDL-3.3 S-32
angular distribution for (n,n*3)
JENDL-3.3 S-32
angular distribution for (n,n*4)
JENDL-3.3 S-32
angular distribution for (n,n*5)
JENDL-3.3 S-32
angular distribution for (n,n*6)
JENDL-3.3 S-32
angular distribution for (n,n*c)
JENDL-3.3 S-32
Neutron emission for (n,2n)
JENDL-3.3 S-32
Neutron emission for \((n,n^*)a\)
JENDL-3.3 S-32
Neutron emission for \((n,n^*)p\)
JENDL-3.3 S-32
Photon emission for (n,2n)
JENDL-3.3 S-32
Photon emission for (n,n*)a
JENDL-3.3 S-32
Photon emission for \((n,n^*)p\)
JENDL-3.3 S-32
Photon emission for \((n,n^*c)\)
JENDL-3.3 S-32
Photon emission for (n,gma)
JENDL-3.3 S-32
Photon emission for (n,p)
JENDL-3.3 S-32
Photon emission for (n,a)
JENDL-3.3 S-32
thermal capture photon spectrum

Gamma Energy (MeV)

Gamma Prod (barns/MeV)
JENDL-3.3 S-32
14 MeV photon spectrum