JEFF-3.0 NI-61
resonance total cross section

Energy (MeV)

Cross section (barns)
JEFF-3.0 NI-61
resonance total cross section
JEFF-3.0 NI-61
resonance total cross section

Energy (MeV) vs Cross section (barns)
JEFF-3.0 Ni-61
resonance total cross section

Cross section (barns)

Energy (MeV)
JEFF-3.0 NI-61
resonance absorption cross sections

Energy (MeV)

Cross section (barns)
JEFF-3.0 NI-61
resonance absorption cross sections

![Graph showing the energy (MeV) vs. cross section (barns) for Ni-61. The graph plots a downward trend as energy increases, indicating a decrease in cross section with increasing energy. The title of the graph is "JEFF-3.0 NI-61 resonance absorption cross sections." The y-axis is labeled "Cross section (barns)" and the x-axis is labeled "Energy (MeV)." The graph includes a line labeled "capture."}
JEFF-3.0 Ni-61
resonance absorption cross sections

Cross section (barns)

Energy (MeV)

- Capture
JEFF-3.0 Ni-61
Non-threshold reactions

Energy (MeV) vs. Cross section (barns)

Cross section (barns) vs. Energy (MeV)

(n,gma)
JEFF-3.0 NI-61
Inelastic levels

Energy (MeV)

Cross section (barns)

- (n,n*6)
- (n,n*7)
- (n,n*8)

Energy (MeV)
JEFF-3.0 NI-61
angular distribution for elastic
JEFF-3.0 NI-61
Neutron emission for (n,2n)
JEFF-3.0 NI-61
Neutron emission for \((n,n^*)p\)
JEFF-3.0 Ni-61
Neutron emission for (n,n*c)
JEFF-3.0 NI-61
Photon emission for \((n,\gamma m a)\)
JEFF-3.0 NI-61
Photon emission for \((n,n^*)p\)
JEFF-3.0 NI-61
Photon emission for (n,n*c)
JEFF-3.0 Ni-61
Photon emission for (n,p)
JEFF-3.0 NI-61
Photon emission for \((n,a)\)
JEFF-3.0 Ni-61
thermal capture photon spectrum
JEFF-3.0 Ni-61
14 MeV photon spectrum
JEFF-3.0 NI-61
Particle heating contributions

Energy (MeV)

MeV/collision

Energy (MeV)
JEFF-3.0 NI-61
Recoil Heating

Energy (MeV) vs Heating (MeV/reaction) graph.
JEFF-3.0 NI-61
Particle production cross sections

Energy (MeV)

Cross section (barns)

protons
alphas

Energy (MeV)
JEFF-3.0 Ni-61
protons from \((n,n^*)p\)
JEFF-3.0 Ni-61
protons from (n,p)
JEFF-3.0 NI-61
alphas from (n,a)