ENDF/B-VII.1 CD-114
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic
ENDF/B-VII.1 CD-114
resonance total cross section

Energy (MeV)
Cross section (barns)
ENDF/B-VII.1 CD-114
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-VII.1 CD-114
resonance total cross section

Energy (MeV)

Cross section (barns)

total
ENDF/B-VII.1 CD-114
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
ENDF/B-VII.1 CD-114
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-VII.1 CD-114

UR total cross section

Energy (MeV)

Cross section (barns)

Inf. Dil.
100 b
1 b
ENDF/B-VII.1 CD-114
UR elastic cross section

Energy (MeV) vs. Cross section (barns) plot.
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Heating

Energy (MeV)

Heating (MeV/reaction)
ENDF/B-VII.1 CD-114 Damage

![Graph showing damage vs. energy]
ENDF/B-VII.1 CD-114
Heating

![Graph showing Heating (MeV/reaction) vs. Energy (MeV). The graph has a peak around Energy = 10 MeV and decreases before increasing again.]
ENDF/B-VII.1 CD-114 Damage

Damage (MeV-barns)

Energy (MeV)
Non-threshold reactions

Cross section (barns) vs. Energy (MeV)

(n,gma)
ENDF/B-VII.1 CD-114
Inelastic levels

Cross section (barns)

Energy (MeV)
ENDF/B-VII.1 CD-114
Threshold reactions

Cross section (barns)

Energy (MeV)

- (n,2n)
- (n,3n)
- (n,n*)a
- (n,n*)p
- (n,n*)d
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angular distribution for elastic
ENDF/B-VII.1 CD-114
Neutron emission for (n,2n)
ENDF/B-VII.1 CD-114
Neutron emission for (n,3n)
ENDF/B-VII.1 CD-114
Neutron emission for (n,n*)a
ENDF/B-VII.1 CD-114
Neutron emission for (n,n*)p
ENDF/B-VII.1 CD-114
Neutron emission for (n,n*)d

Diagram showing the probability of neutron emission as a function of secondary energy and energy in MeV.
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Neutron emission for (n,n*)t
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Neutron emission for (n,n*c)