ENDF/B-V PB-NATB
resonance total cross section
ENDF/B-V PB-NATB
resonance total cross section

Energy (MeV)

Cross section (barns)

-1

10

10

10
ENDF/B-V PB-NATB
resonance absorption cross sections

Energy (MeV)

Cross section (barns)
ENDF/B-V PB-NATB
resonance absorption cross sections

Energy (MeV)

Cross section (barns)
ENDF/B-V PB-NATB
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

capture
ENDF/B-V PB-NATB
resonance absorption cross sections

Capture cross section as a function of energy (MeV).
ENDF/B-V PB-NATB Heating

Energy (MeV)

Heating (MeV/reaction)

10^{-11} 10^{-10} 10^{-9} 10^{-8} 10^{-7} 10^{-6} 10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^{0} 10^{1}

Heating
ENDF/B-V PB-NATB
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n,gma)
ENDF/B-V PB-NATB
Non-threshold reactions

Cross section (barns) vs. Energy (MeV)
ENDF/B-V PB-NATB
Inelastic levels

Energy (MeV)

Cross section (barns)

0
20
40
60
80
100
120
140
160
180

*10^{-3}

(n,n*1)
(n,n*2)
(n,n*3)
(n,n*4)
(n,n*5)

Energy (MeV)
ENDF/B-V PB-NATB
Inelastic levels

Energy (MeV)

Cross section (barns)

(n,n*11)
(n,n*12)
(n,n*13)
(n,n*14)
(n,n*15)
ENDF/B-V PB-NATB
Inelastic levels

Energy (MeV)

Cross section (barns)

(n,n*21)
(n,n*22)
(n,n*23)
(n,n*24)
(n,n*25)
ENDF/B-V PB-NATB
Inelastic levels

Cross section (barns) vs. Energy (MeV)

- (n,n*26)
- (n,n*27)
- (n,n*28)
- (n,n*29)
- (n,n*30)
ENDF/B-V PB-NATB
angular distribution for elastic
ENDF/B-V PB-NATB
angular distribution for (n,n*1)
ENDF/B-V PB-NATB
angular distribution for \((n,n^2)\)
ENDF/B-V PB-NATB
angular distribution for (n,n*3)
ENDF/B-V PB-NATB
angular distribution for (n,n*4)
ENDF/B-V PB-NATB
angular distribution for (n,n*5)
ENDF/B-V PB-NATB
angular distribution for (n,n*6)
ENDF/B-V PB-NATB
angular distribution for \((n,n^*7)\)
ENDF/B-V PB-NATB
angular distribution for \((n,n*8)\)
ENDF/B-V PB-NATB
angular distribution for (n,n*9)
ENDF/B-V PB-NATB
angular distribution for (n, n^*10)
ENDF/B-V PB-NATB
angular distribution for (n,n*11)
ENDF/B-V PB-NATB
angular distribution for (n,n*12)
ENDF/B-V PB-NATB
angular distribution for (n,n*14)
ENDF/B-V PB-NATB
angular distribution for (n,n*15)
ENDF/B-V PB-NATB
angular distribution for \((n,n*16)\)
ENDF/B-V PB-NATB
angular distribution for (n,n*17)
ENDF/B-V PB-NATB
angular distribution for (n,n*18)
ENDF/B-V PB-NATB
angular distribution for (n,n*19)
ENDF/B-V PB-NATB
angular distribution for (n,n*20)
ENDF/B-V PB-NATB
angular distribution for (n,n*21)
ENDF/B-V PB-NATB
angular distribution for (n,n*22)
ENDF/B-V PB-NATB
angular distribution for (n,n*23)
ENDF/B-V PB-NATB
angular distribution for (n,n*24)
ENDF/B-V PB-NATB
angular distribution for (n,n*25)
ENDF/B-V PB-NATB
angular distribution for (n,n*26)
ENDF/B-V PB-NATB
angular distribution for (n,n*27)
ENDF/B-V PB-NATB
angular distribution for (n,n*28)
ENDF/B-V PB-NATB
angular distribution for (n,n*29)
ENDF/B-V PB-NATB
angular distribution for \((n,n*30)\)
ENDF/B-V PB-NATB
angular distribution for (n,n*31)
ENDF/B-V PB-NATB
angular distribution for (n,n*32)
ENDF/B-V PB-NATB
angular distribution for (n,n*33)
ENDF/B-V PB-NATB
angular distribution for (n,n*34)
ENDF/B-V PB-NATB
angular distribution for (n,n^*35)
ENDF/B-V PB-NATB
Neutron emission for (n,2n)
ENDF/B-V PB-NATB
Neutron emission for (n,3n)
ENDF/B-V PB-NATB
Neutron emission for (n,n*c)
ENDF/B-V PB-NATB
Photon emission for (n,gma)
ENDF/B-V PB-NATB
Photon emission for nonelastic
ENDF/B-V PB-NATB
14 MeV photon spectrum