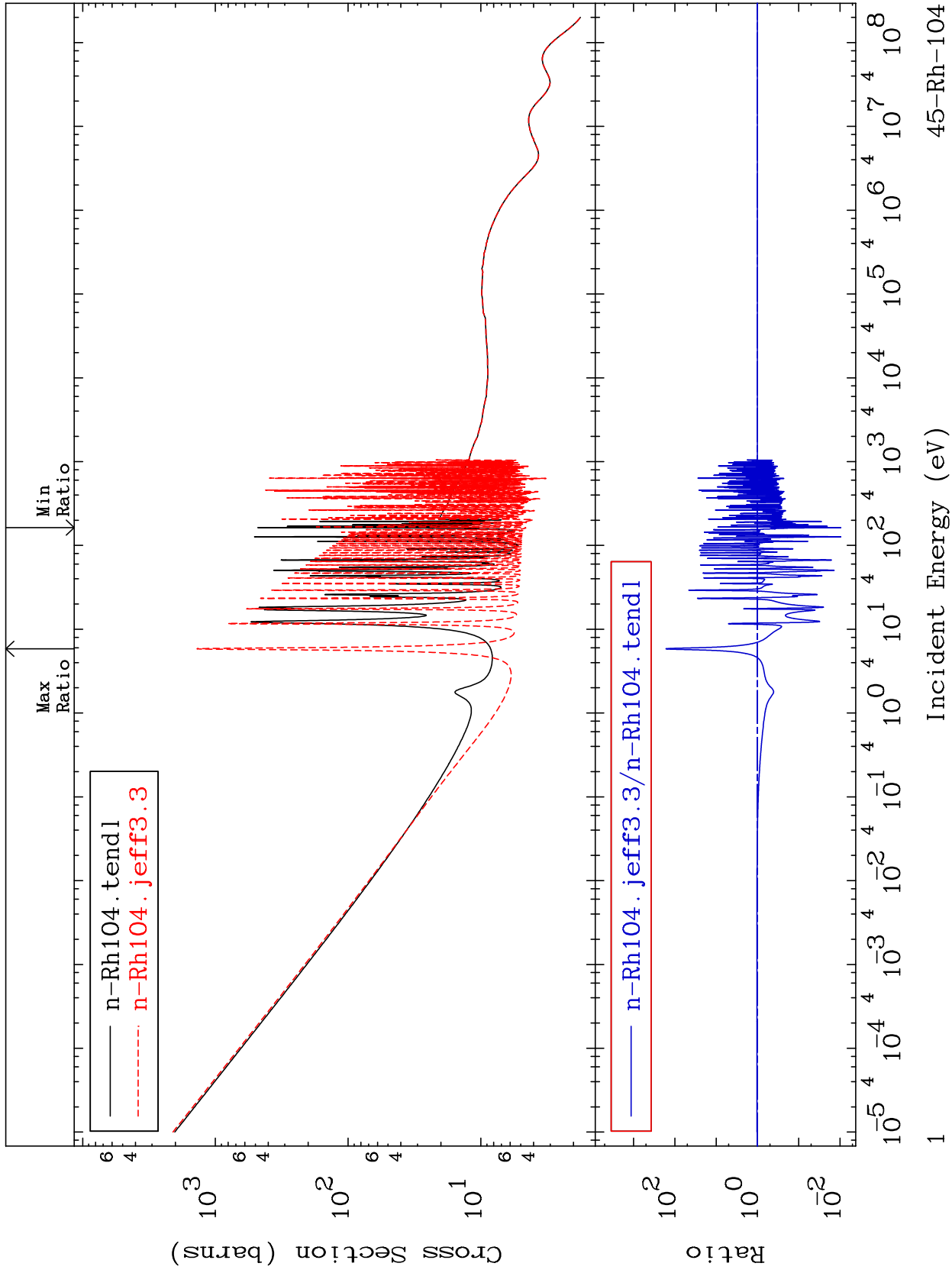


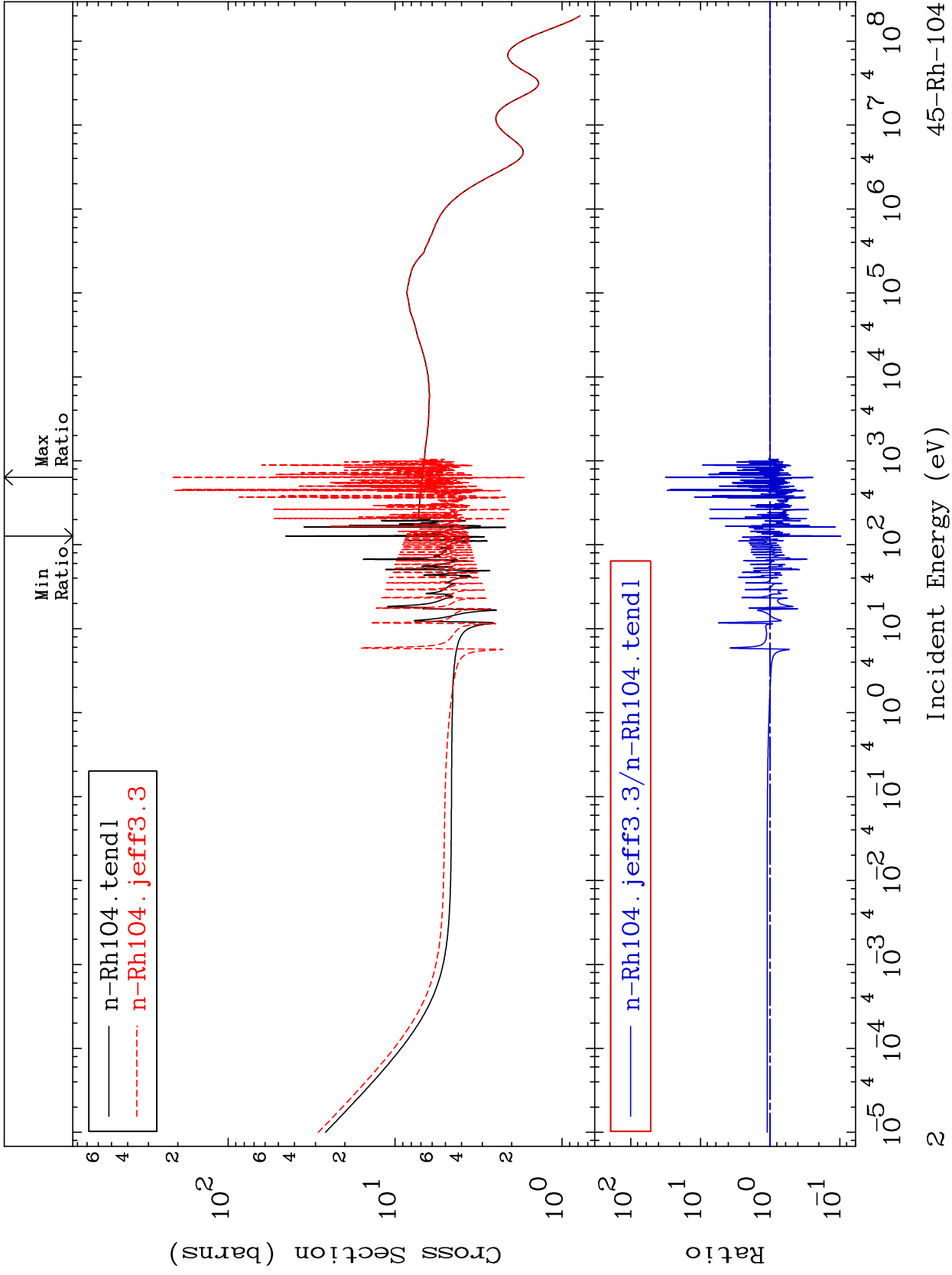
MAT 4528

Total Cross Section
45-Rh-104
-99.04 To 9999. %



MAT 4528

Elastic Cross Section
45-Rh-104
-90.27 To 3076. %



45-Rh-104

Incident Energy (eV)

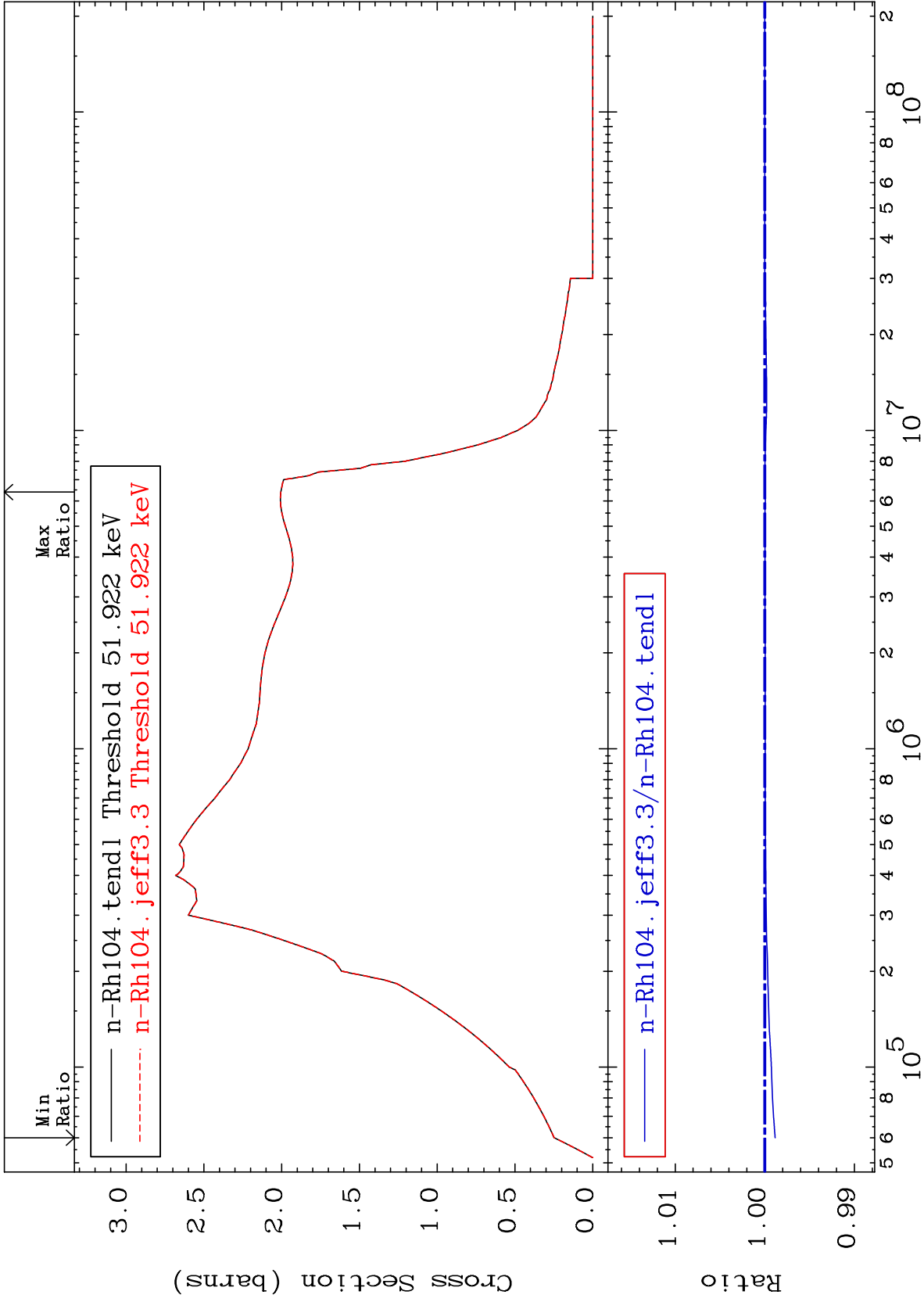
2

MAT 4528

45-Rh-104

Inelastic
Cross Section

-0.115 To 0.000 %



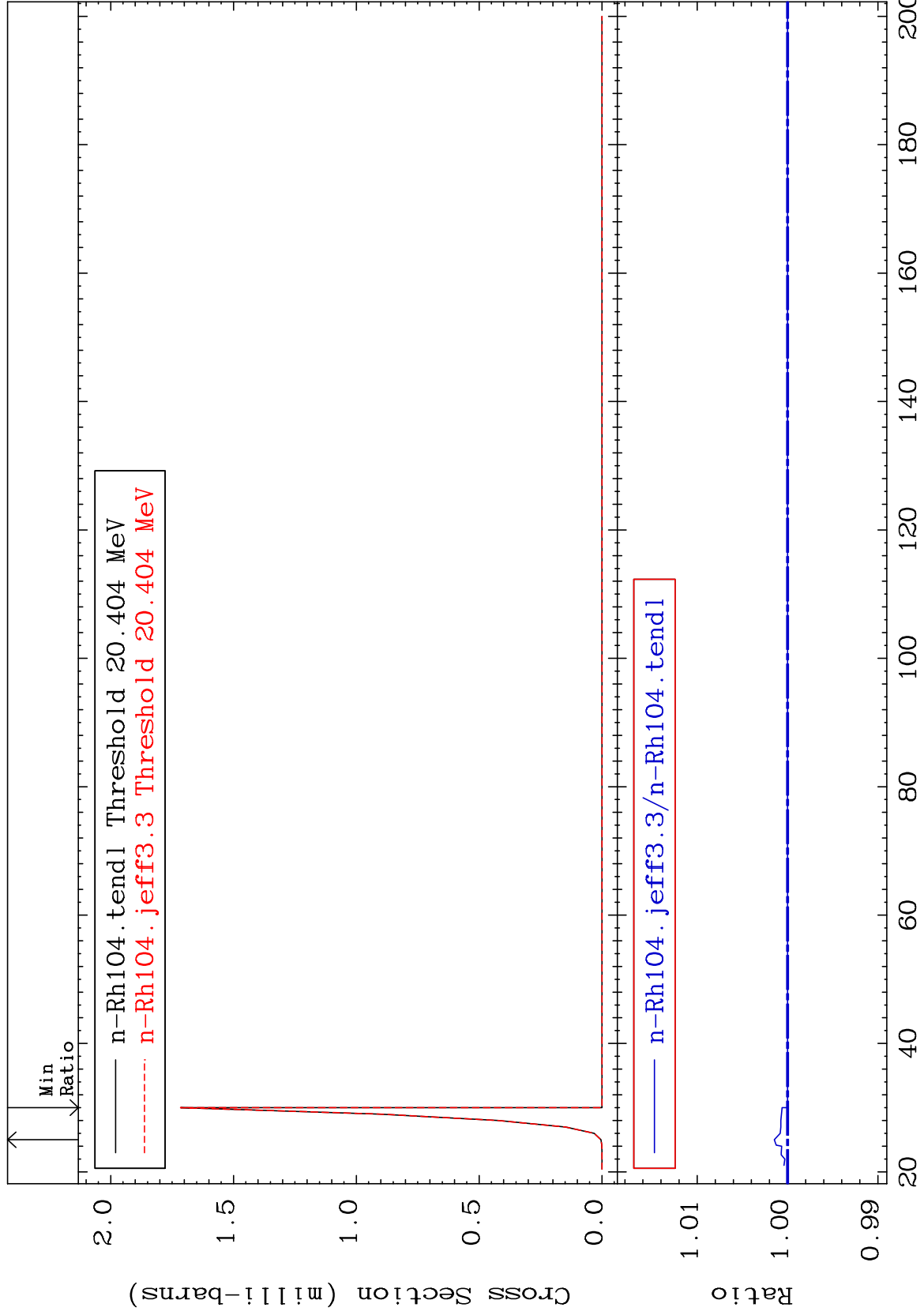
MAT 4528

(n,2n) d

45-Rh-104

Cross Section

0.000 To 0.146 %



Incident Energy (MeV)

45-Rh-104

4

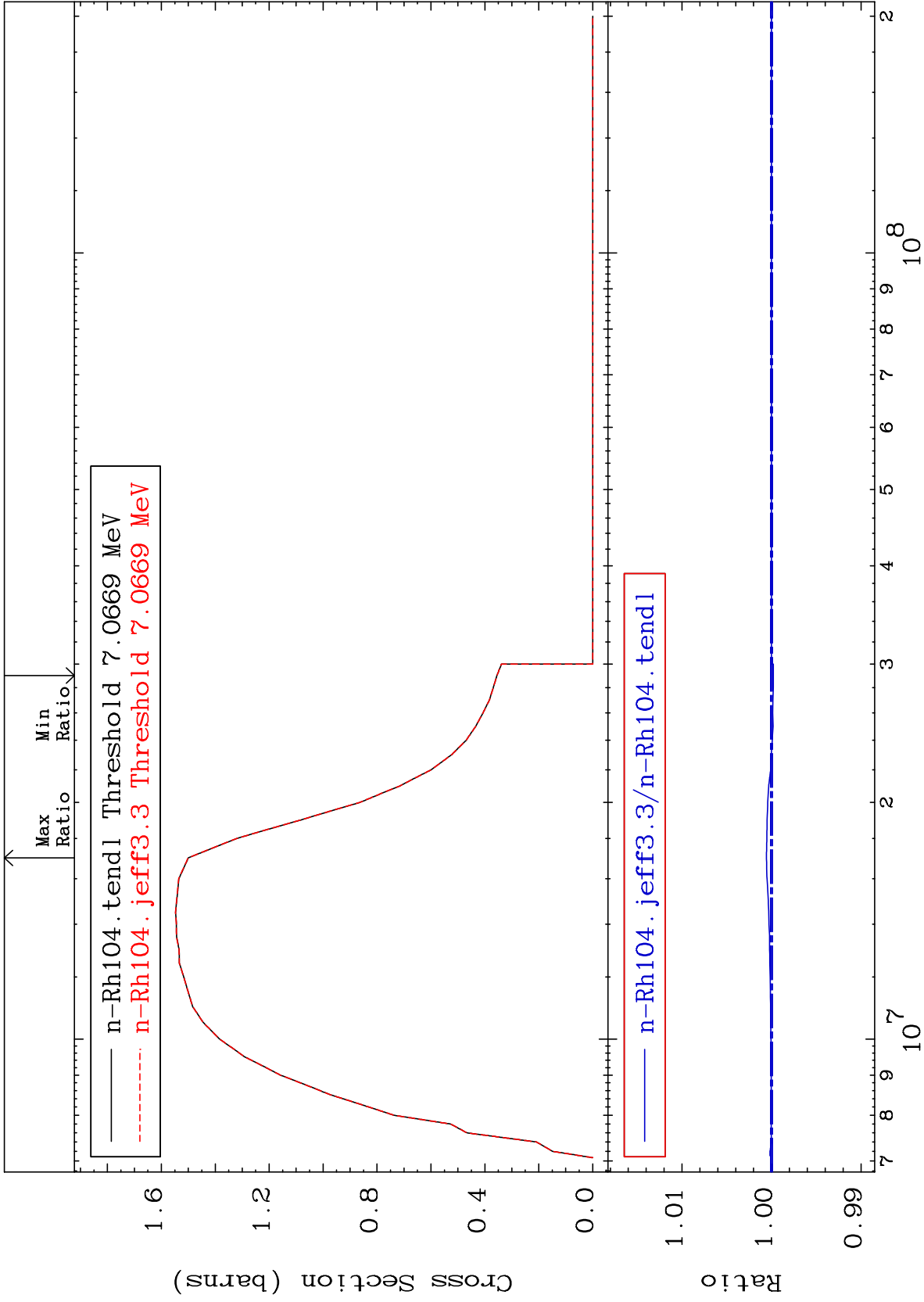
MAT 4528

(n,2n)

45-Rh-104

Cross Section

-0.021 To 0.057 %



5

Incident Energy (eV)

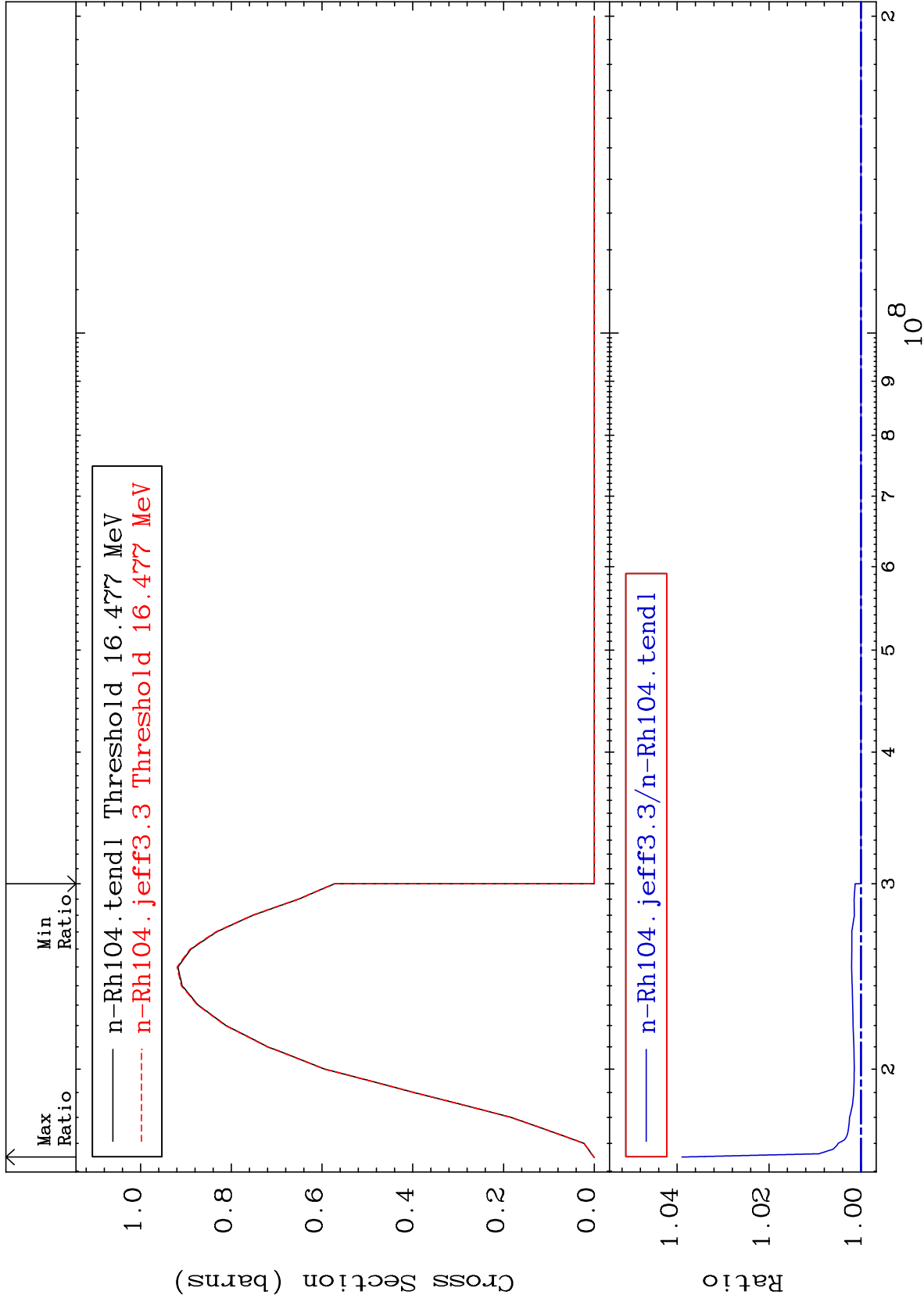
45-Rh-104

MAT 4528

(n,3n)
Cross Section

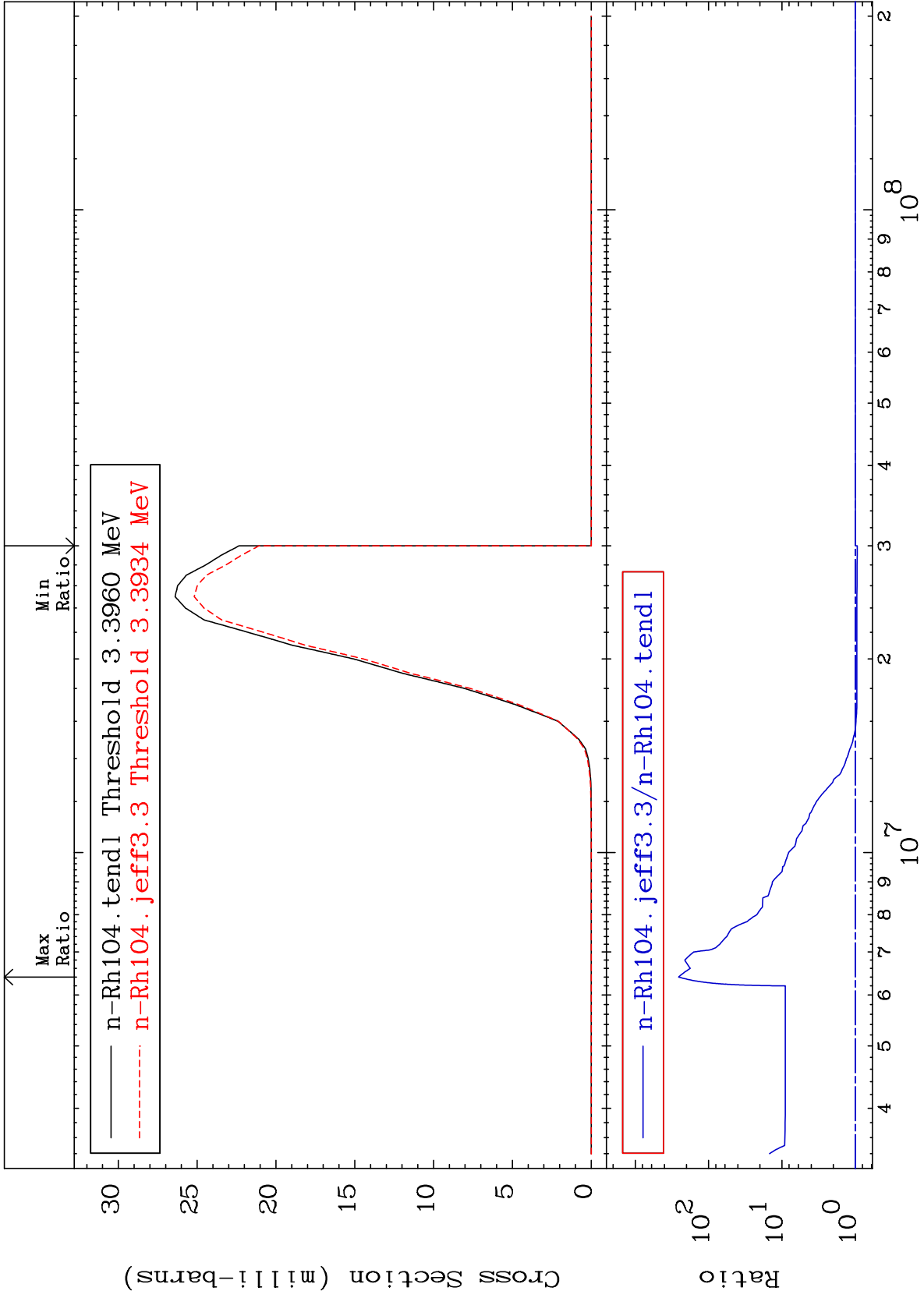
45-Rh-104

0.000 To 3.895 %



MAT 4528

(n, n') α
Cross Section
45-Rh-104
-5.643 To 9999. %



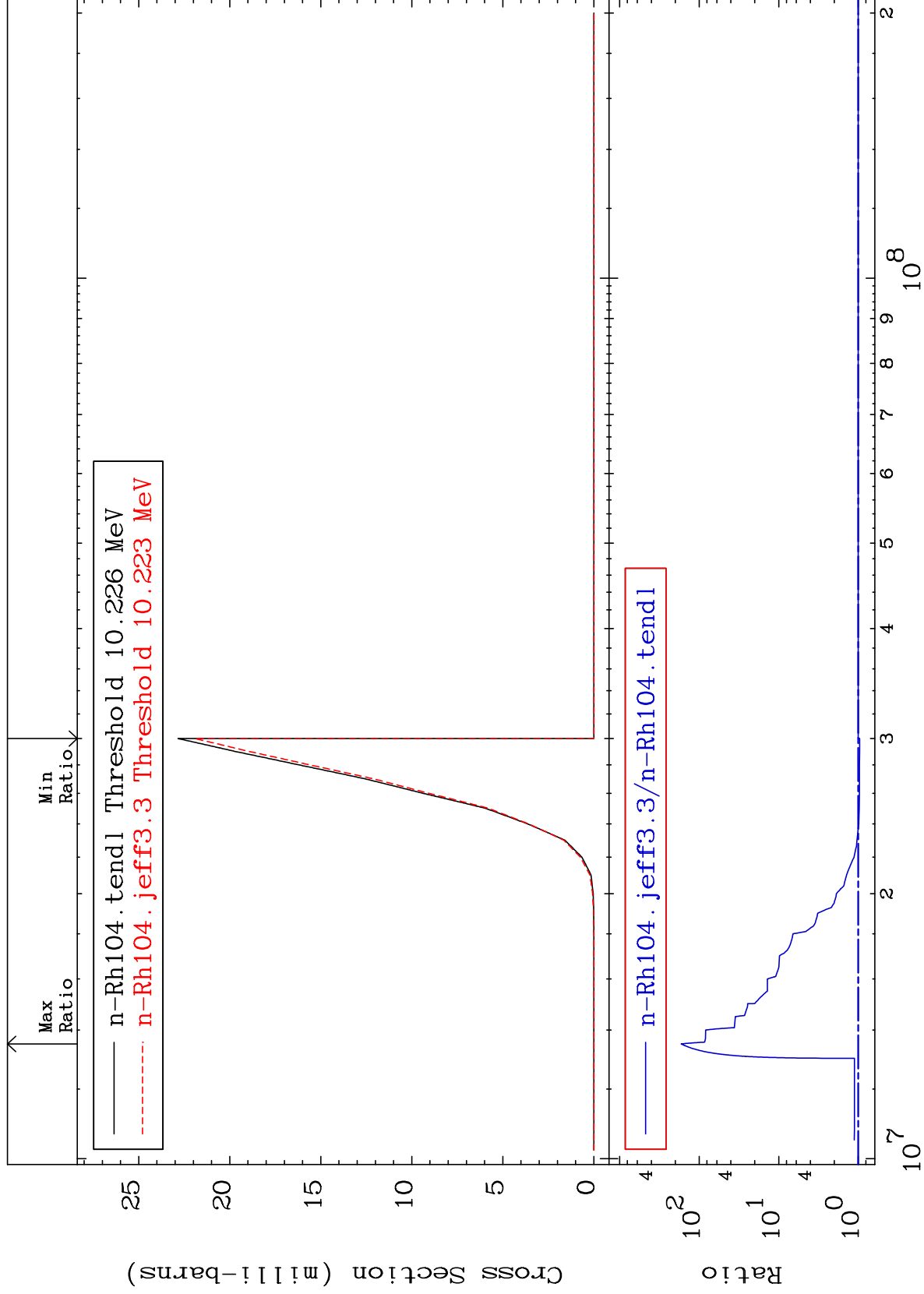
MAT 4528

(n,2n) α

45-Rh-104

Cross Section

-4.031 To 9999. %



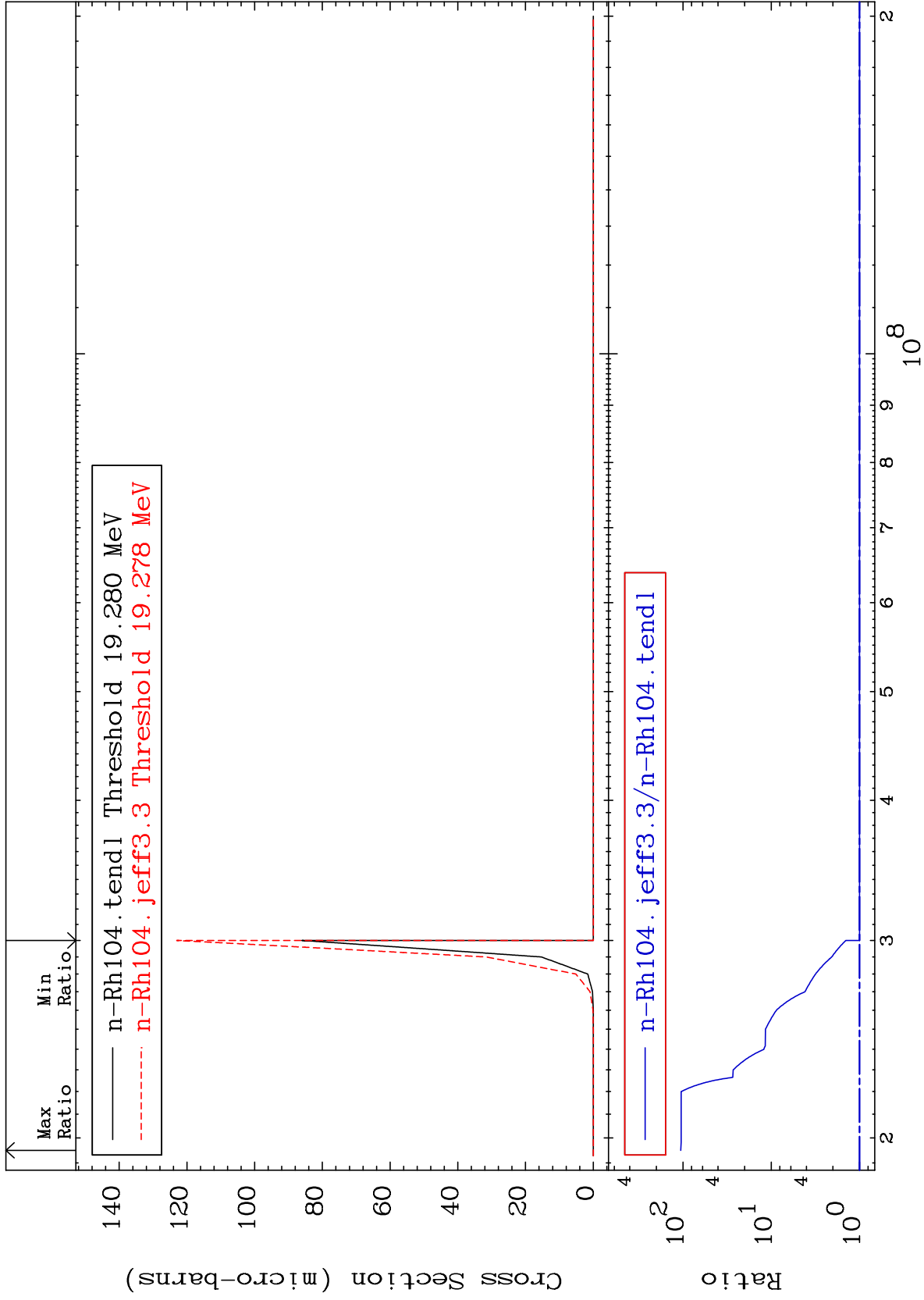
45-Rh-104

MAT 4528

(n,3n) α
Cross Section

45-Rh-104

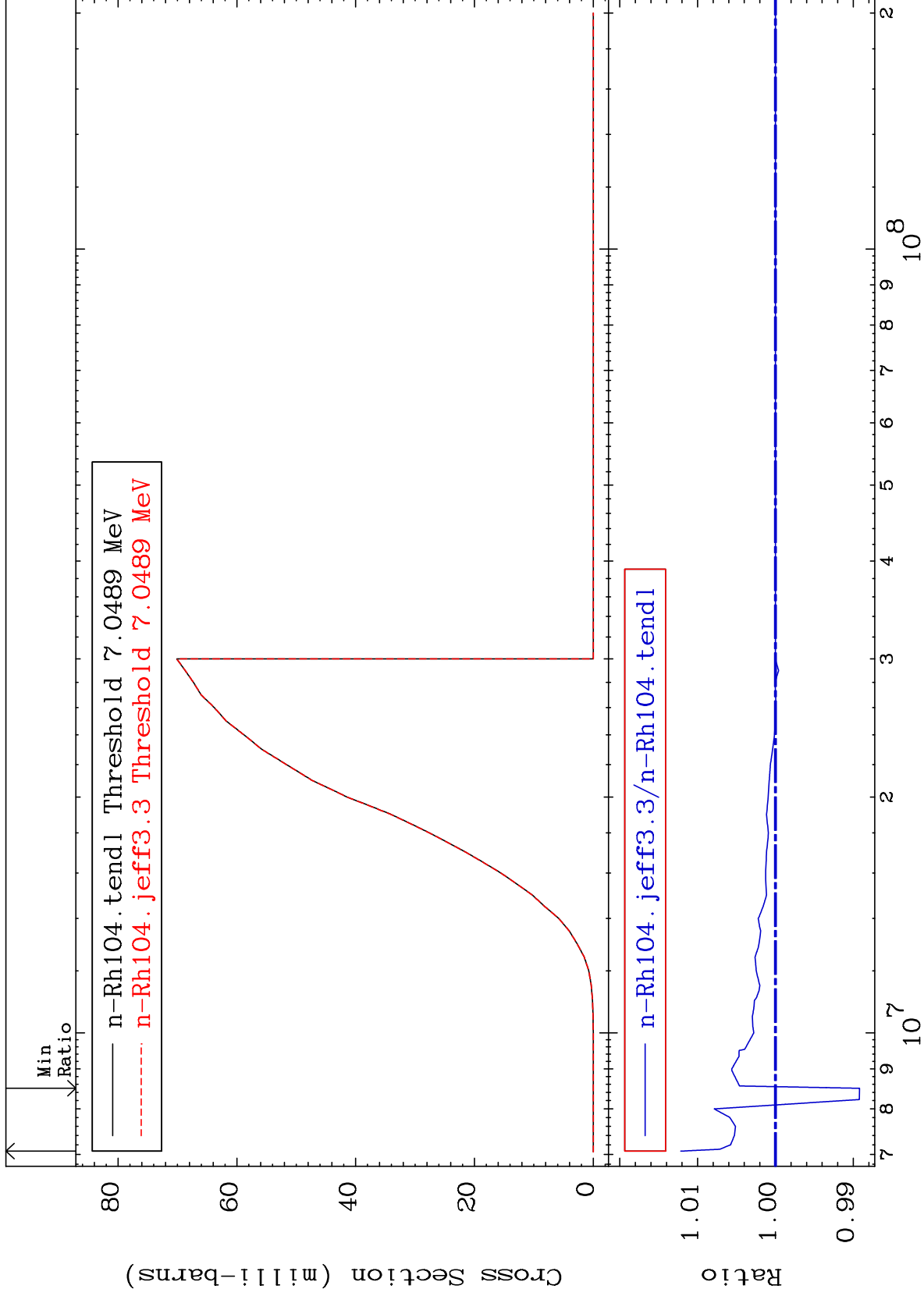
To 9999. %



MAT 4528

(n,n') p
Cross Section

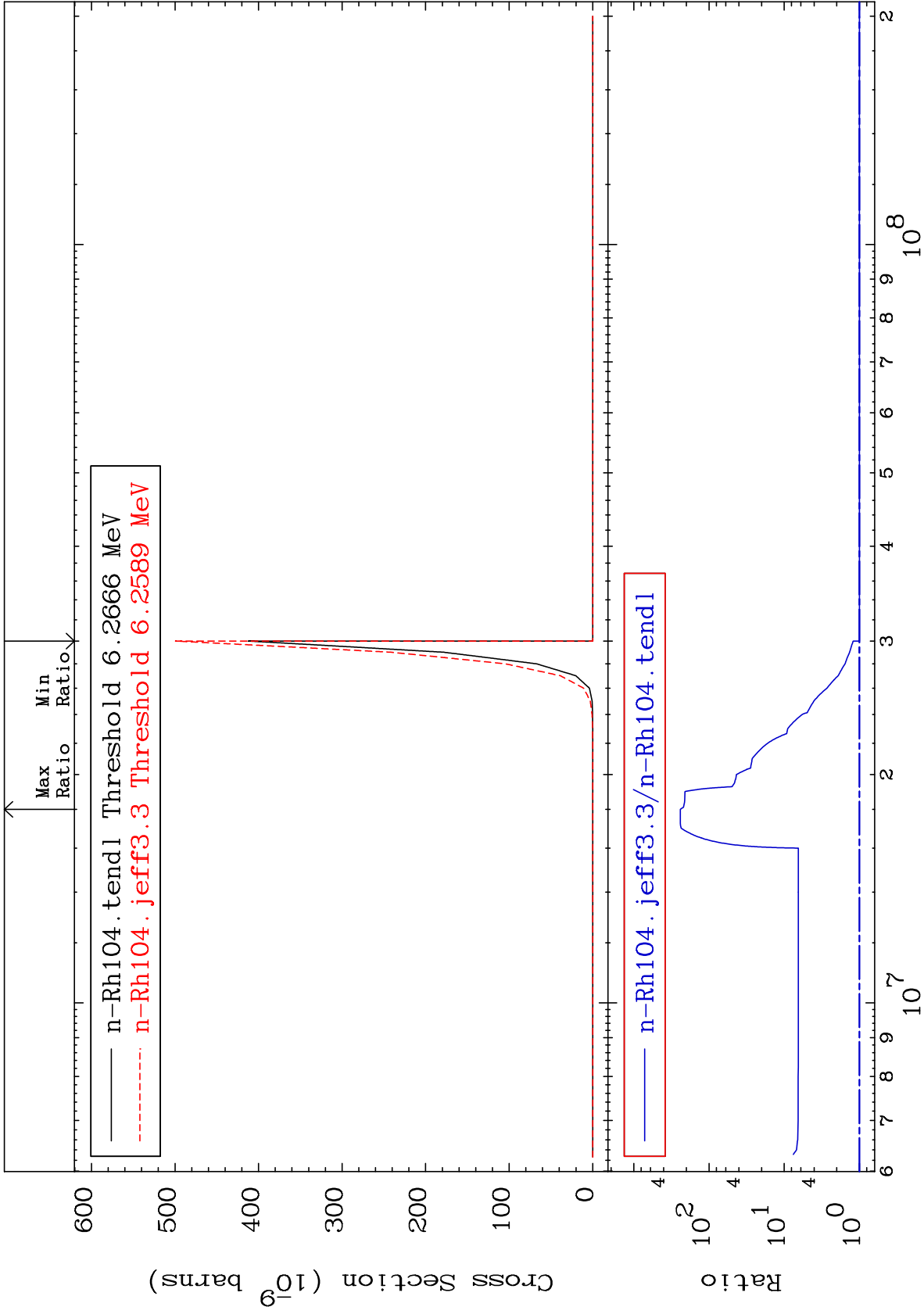
45-Rh-104
-1.080 To 1.216 %



MAT 4528

(n, n') 2α
Cross Section

45-Rh-104
To 9999. %



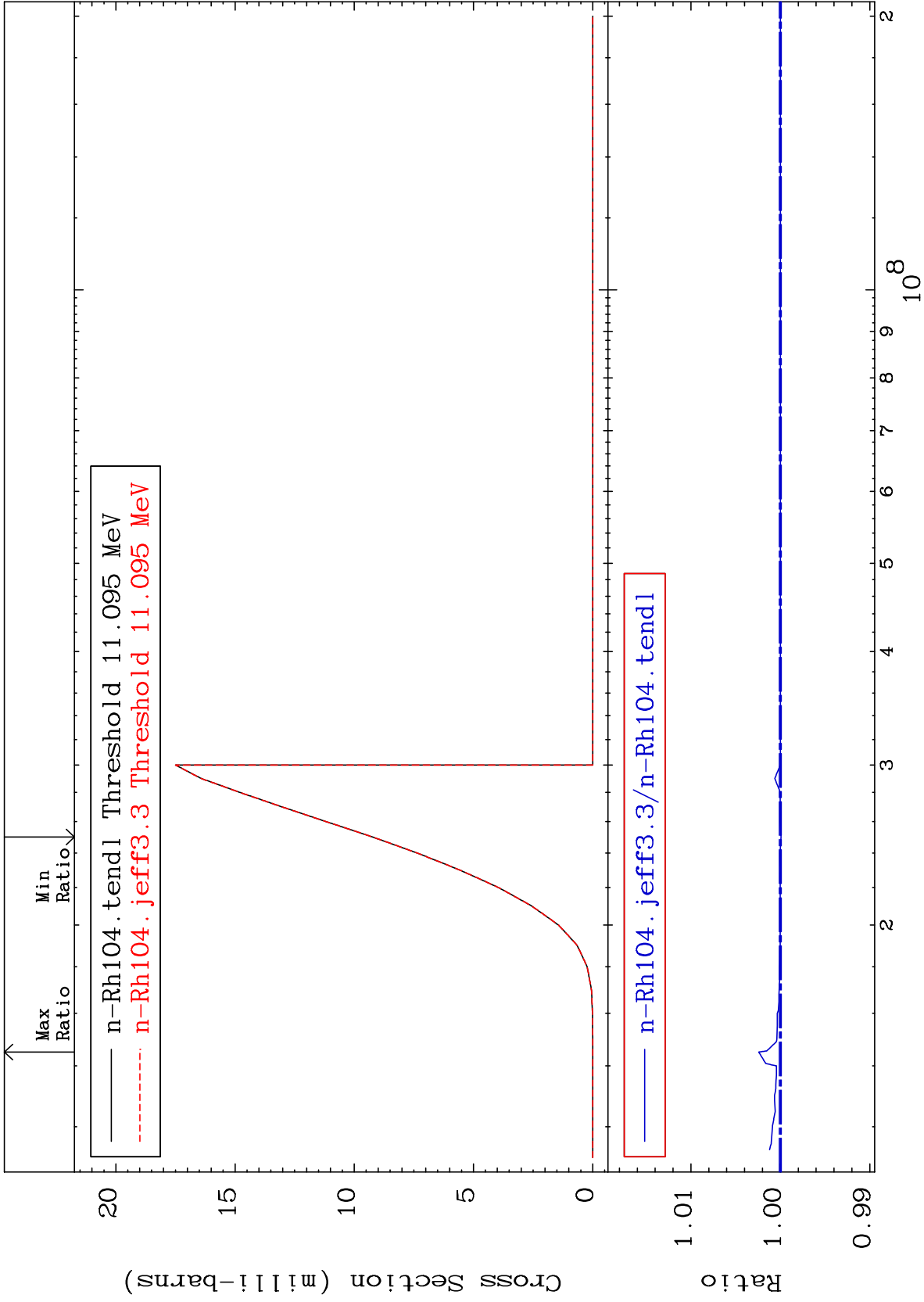
MAT 4528

(n, n') d

45-Rh-104

Cross Section

-0.008 To 0.242 %



MAT 4528

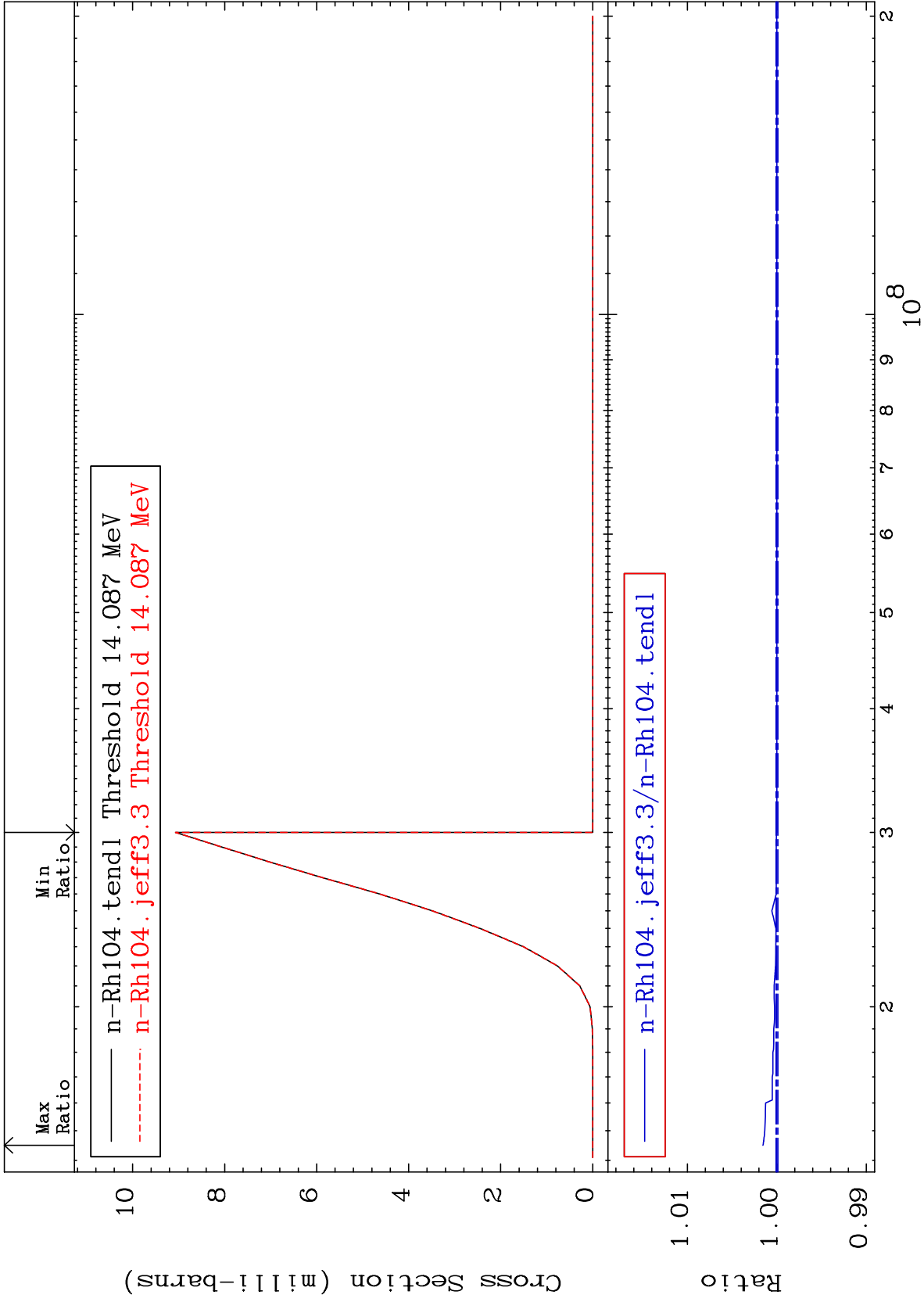
(n, n') t

45-Rh-104

Cross Section

0.000

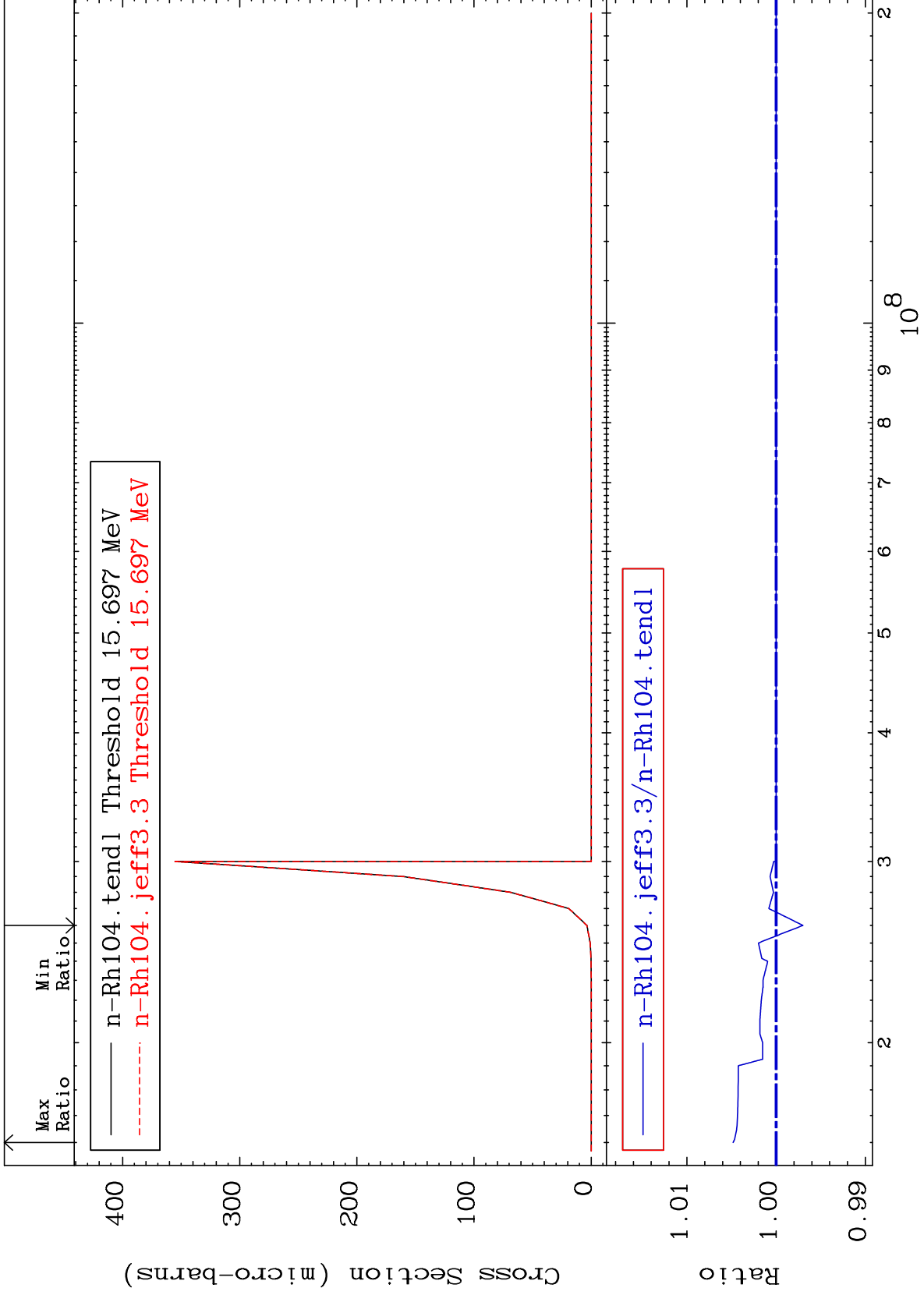
To 0.157 %



MAT 4528

(n, n') He-3
Cross Section

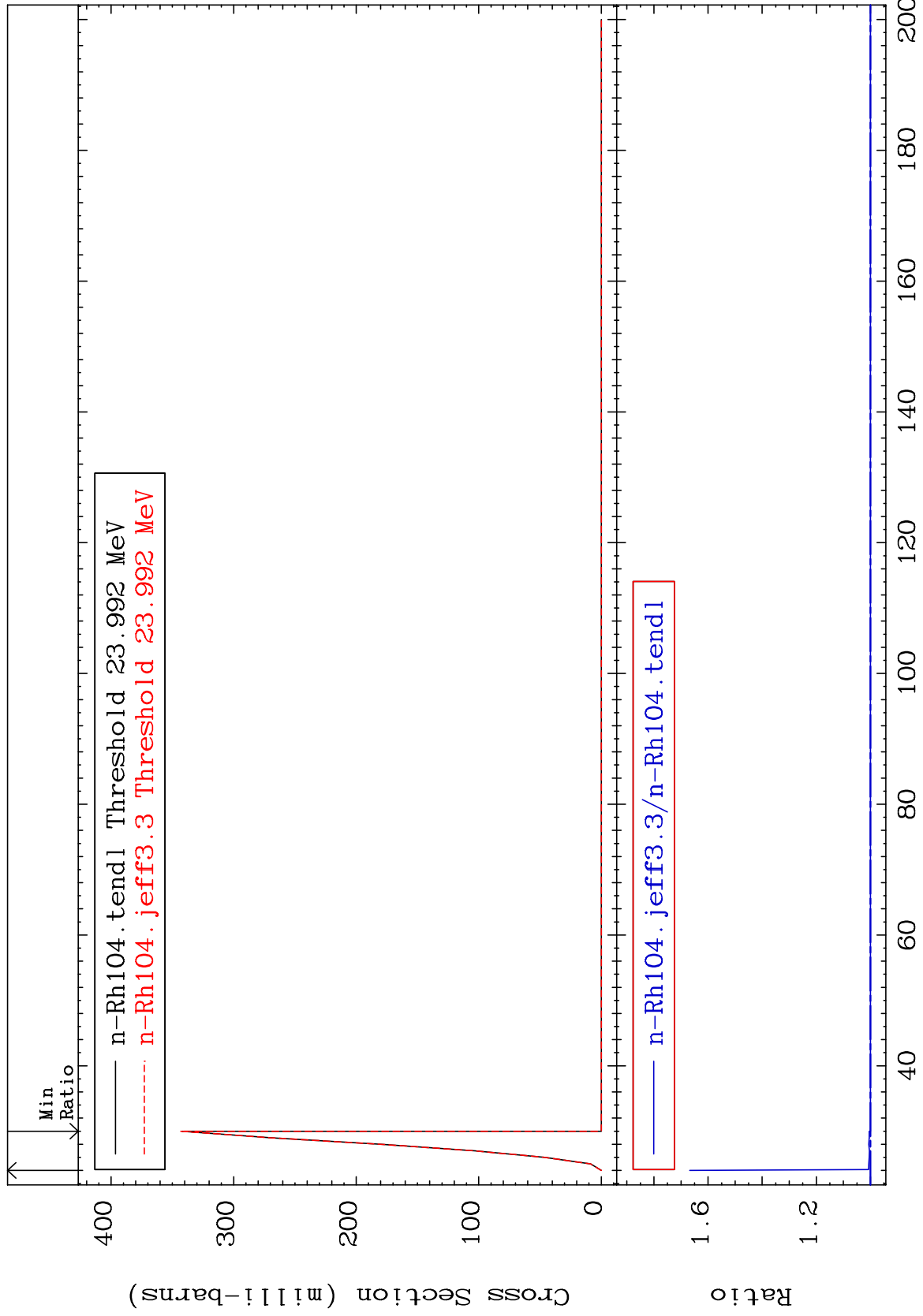
45-Rh-104
-0.300 To 0.484 %



MAT 4528

(n,4n)
Cross Section

45-Rh-104
To 66.76 %



15

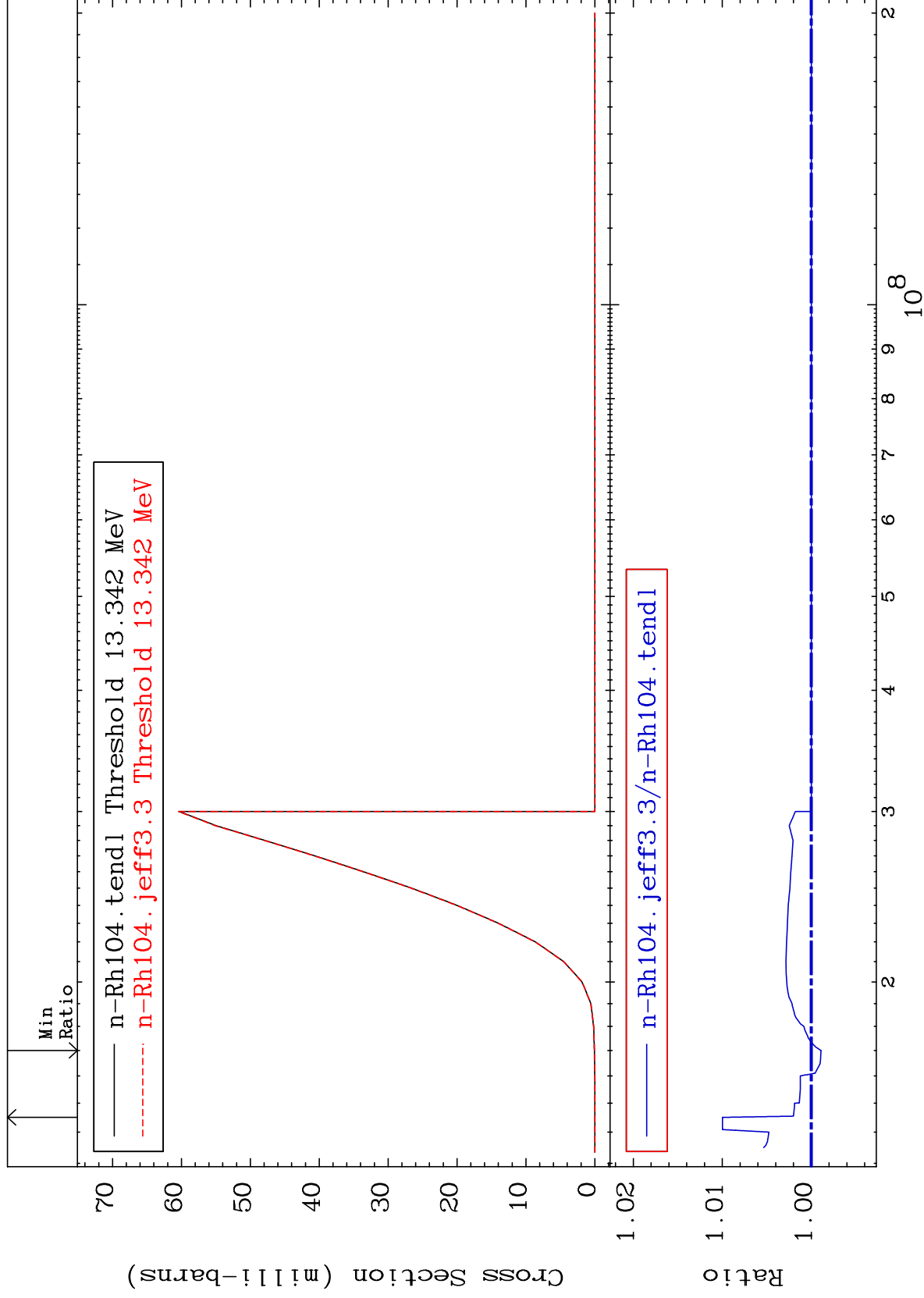
Incident Energy (MeV)

45-Rh-104

MAT 4528

(n,2n) p
Cross Section

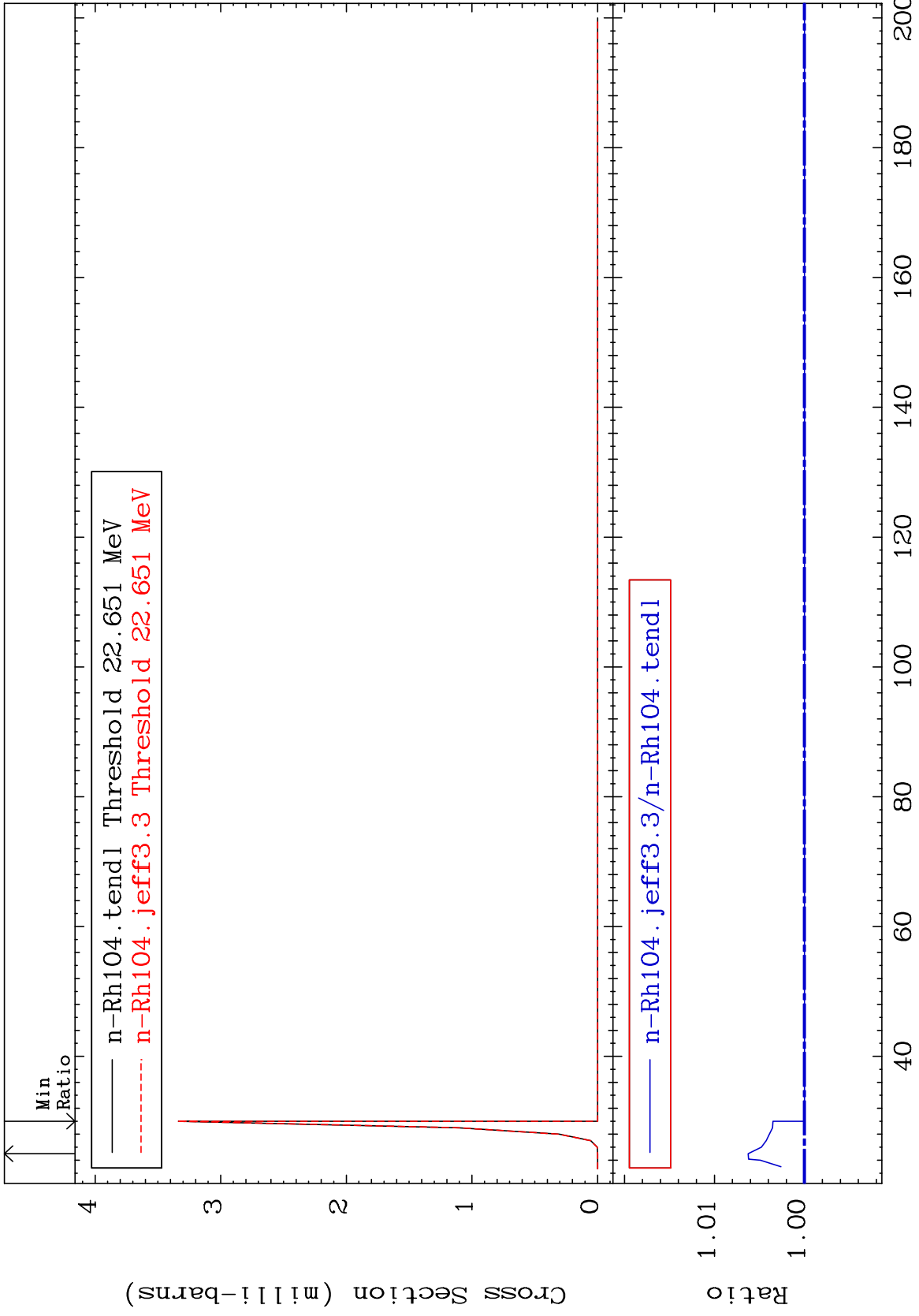
45-Rh-104
-0.110 To 0.999 %



MAT 4528

(n,3n) p
Cross Section

45-Rh-104
0.000 To 0.626 %



17

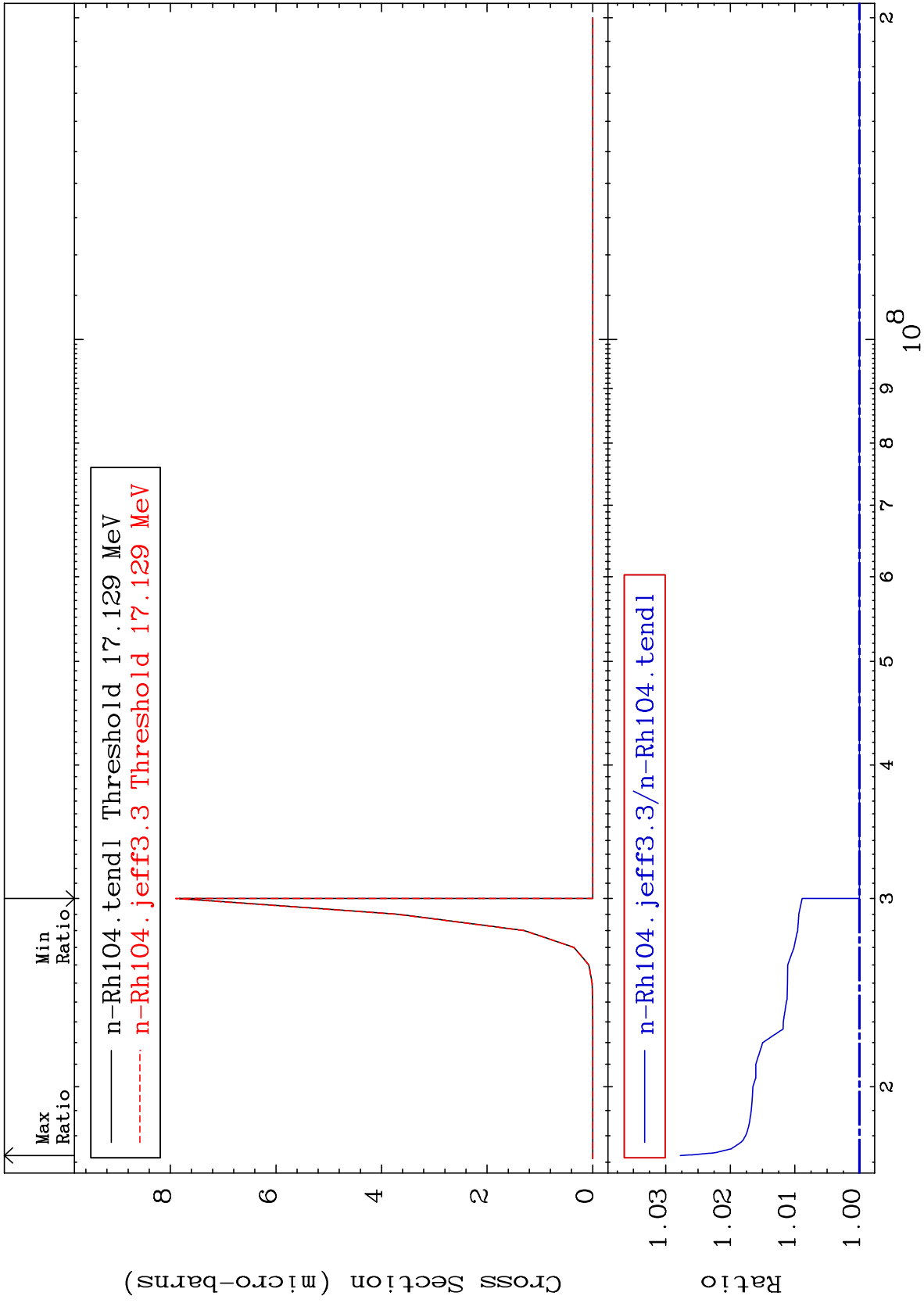
Incident Energy (MeV)

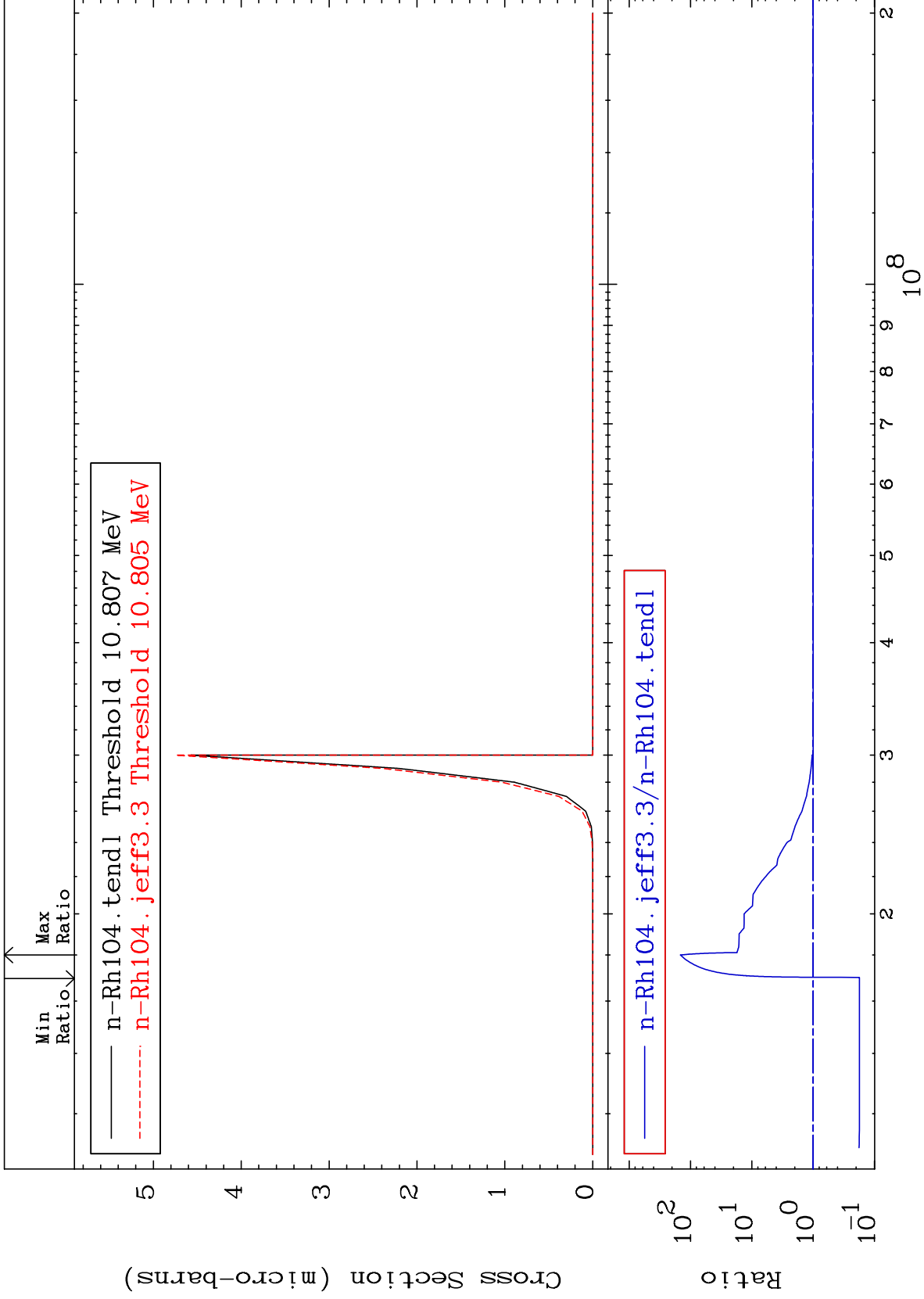
45-Rh-104

MAT 4528

(n,2n) p
Cross Section

45-Rh-104
To 2.773 %

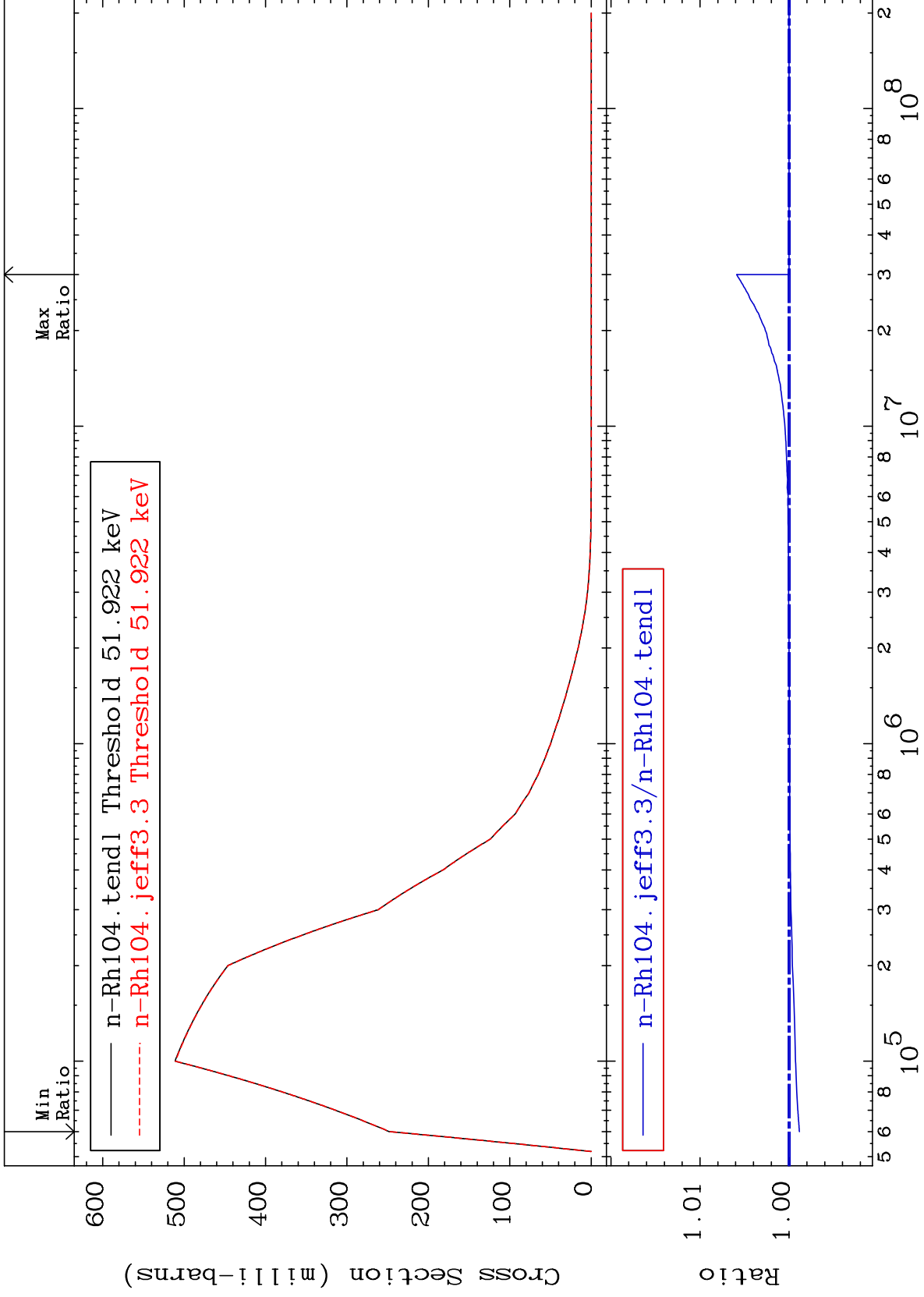




MAT 4528

MT= 51 (n,n') Level
Cross Section

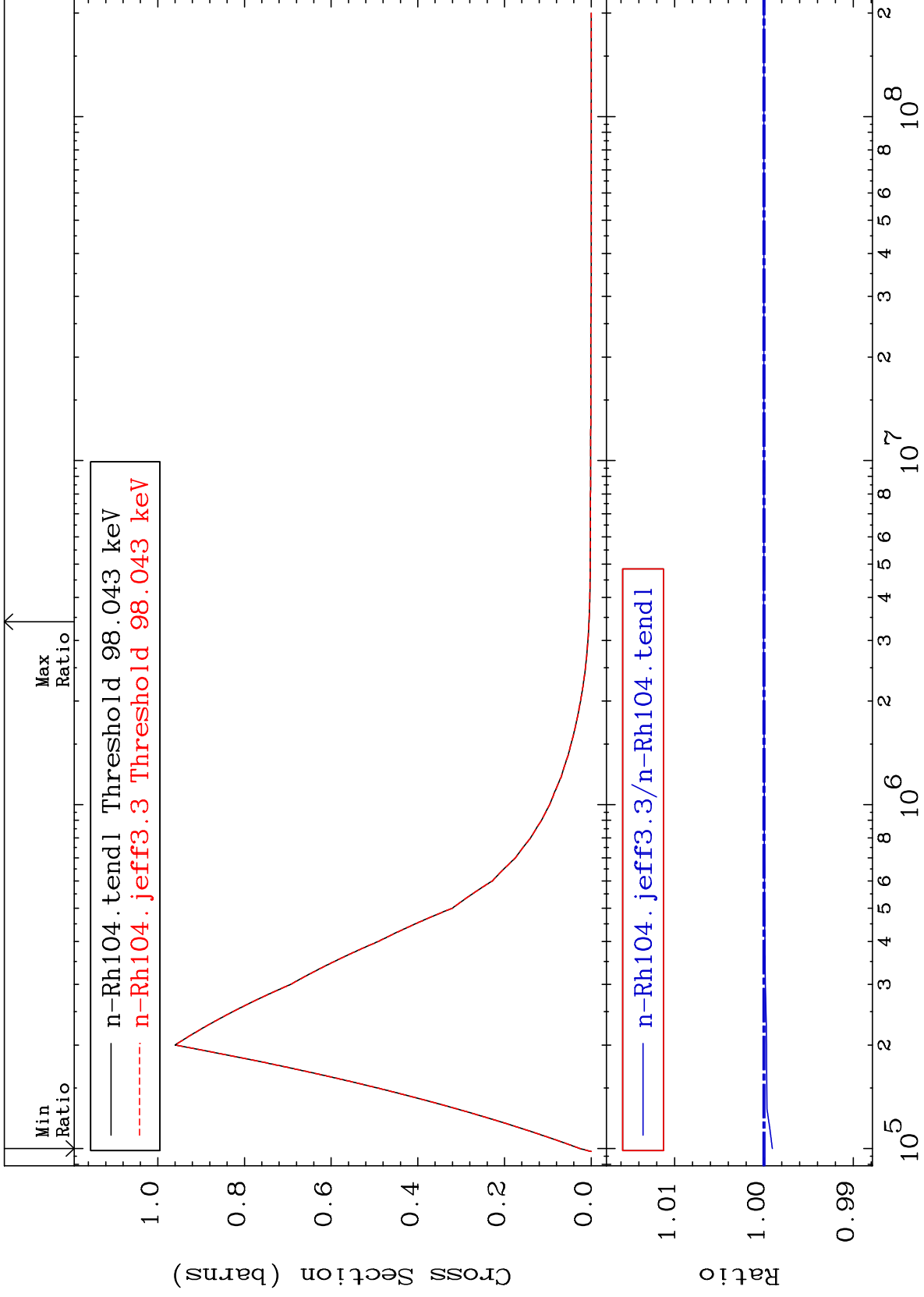
45-Rh-104
-0.115 To 0.590 %



MAT 4528

MT= 52 (n,n') Level
Cross Section

45-Rh-104
-0.093 To 0.004 %



21

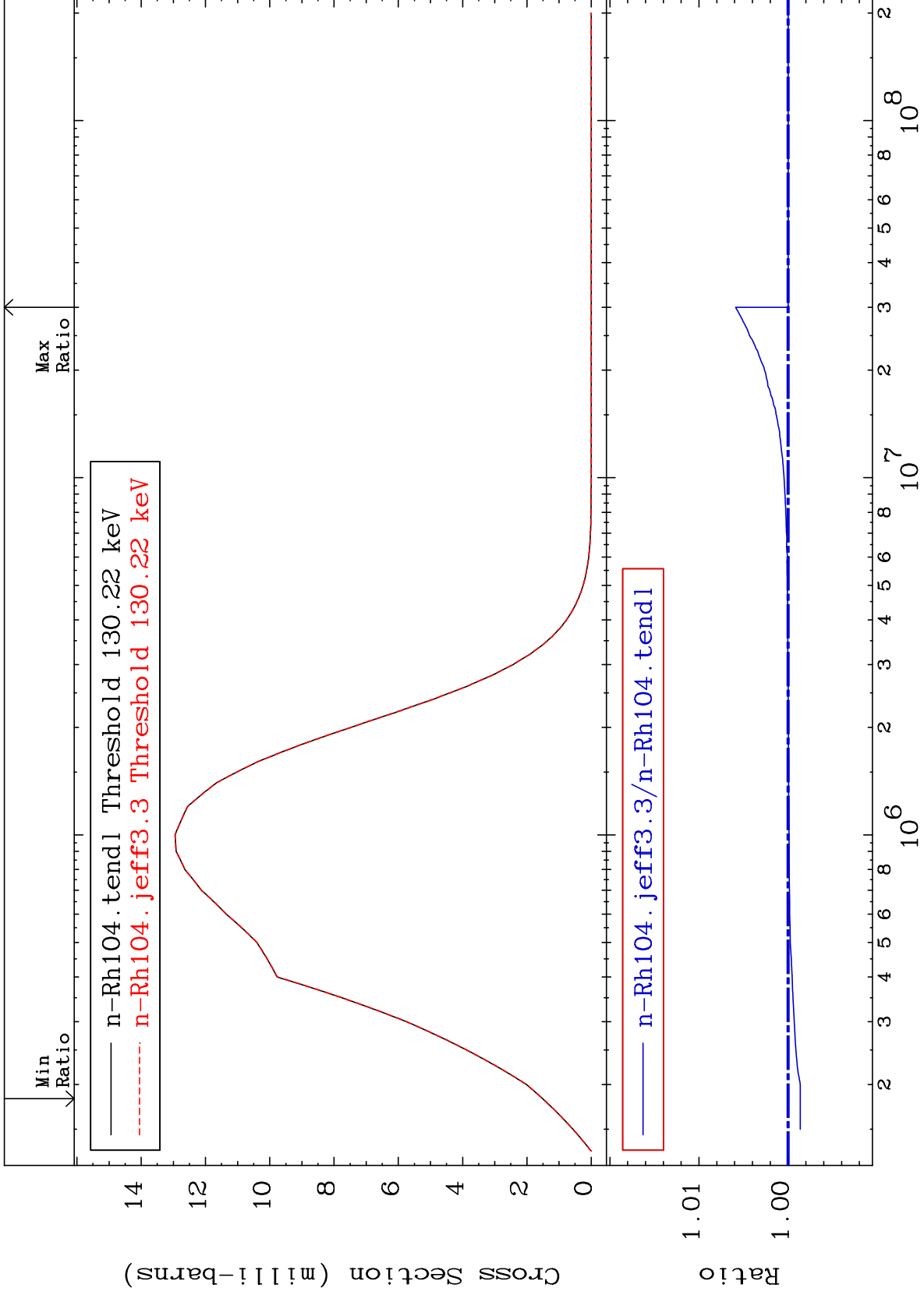
Incident Energy (eV)

45-Rh-104

MAT 4528

MT= 53 (n,n') Level
Cross Section

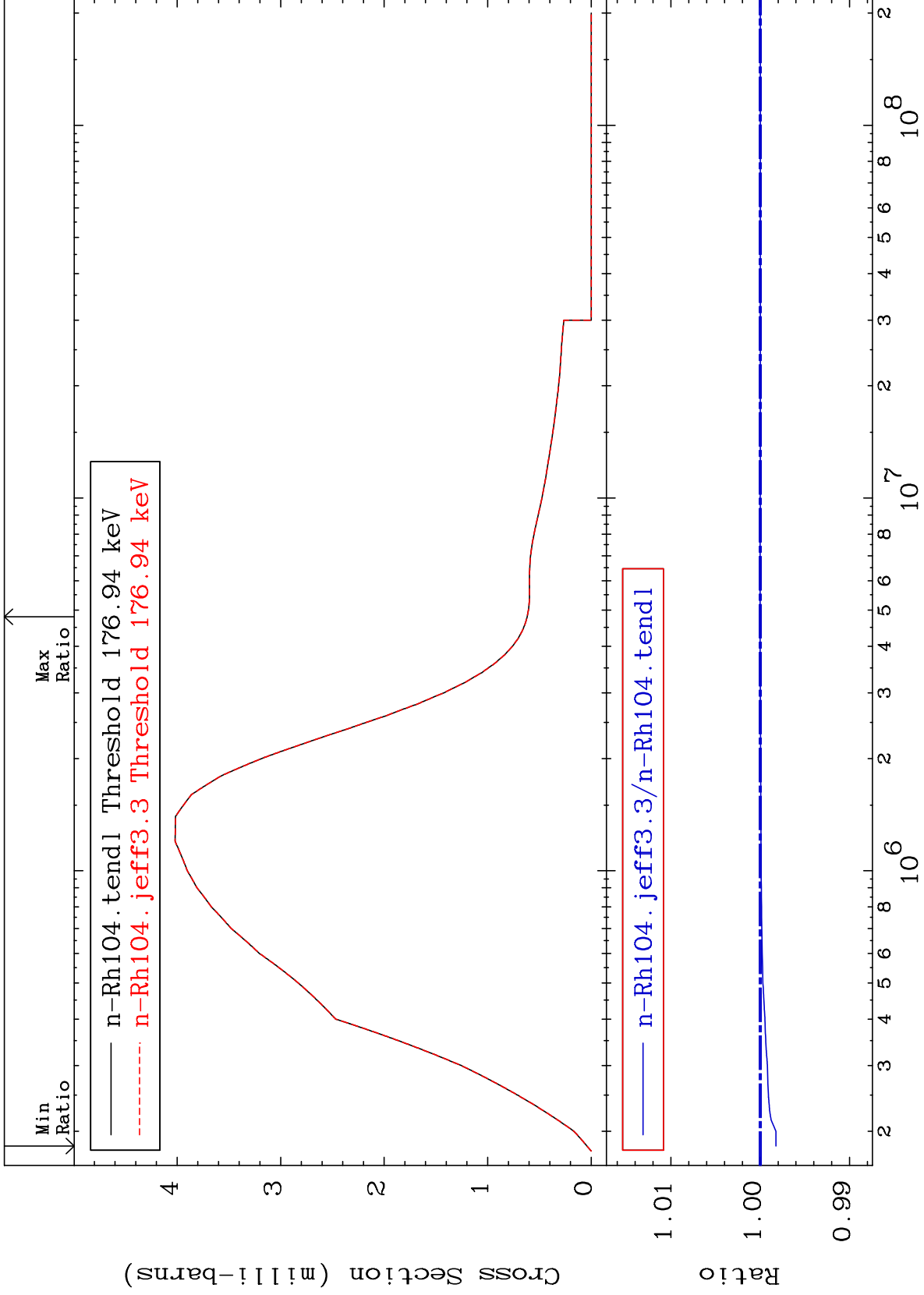
45-Rh-104
-0.137 To 0.590 %



MAT 4528

MT= 54 (n,n') Level
Cross Section

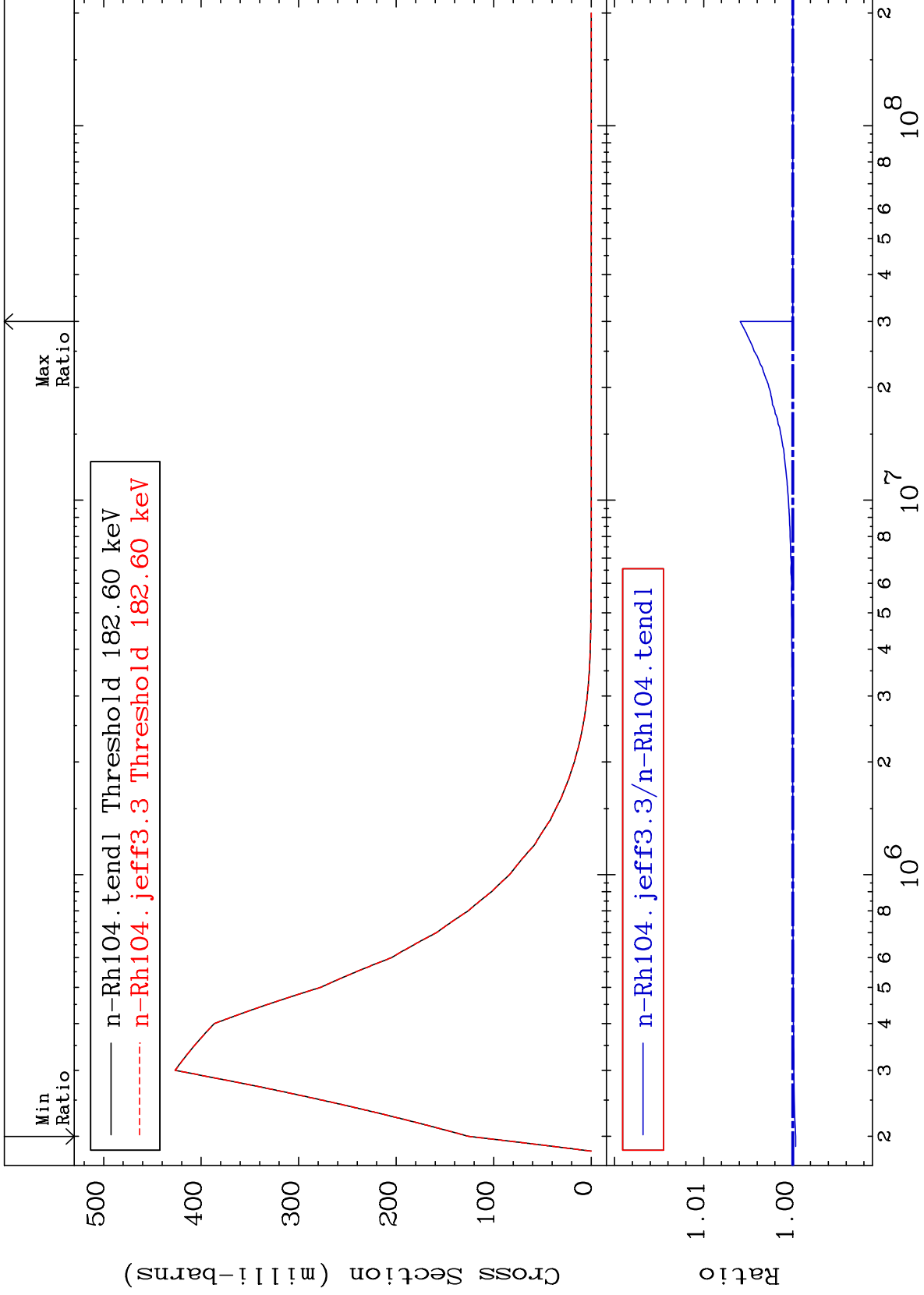
45-Rh-104
-0.175 To 0.002 %



MAT 4528

MT= 55 (n,n') Level
Cross Section

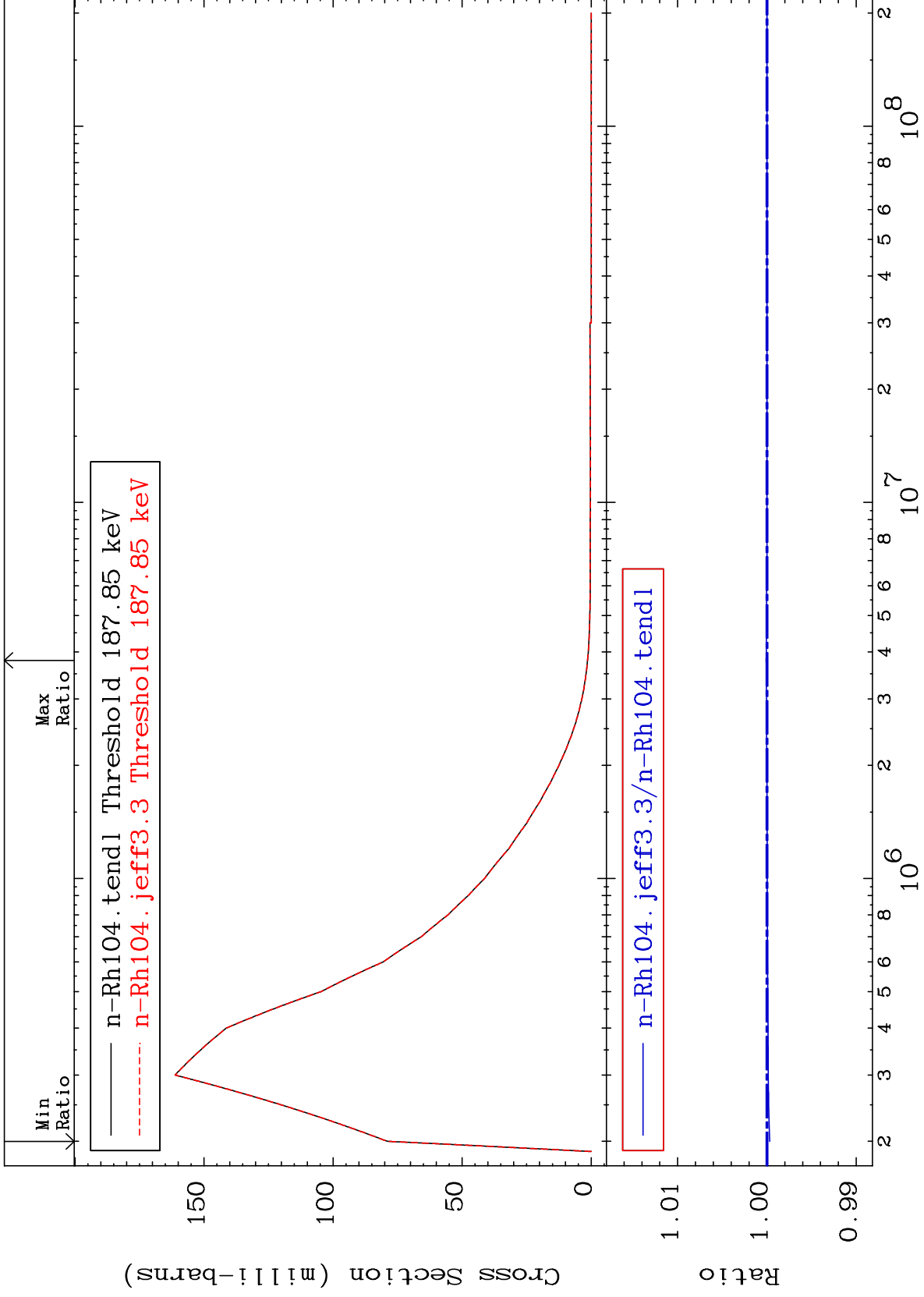
45-Rh-104
-0.033 To 0.590 %



MAT 4528

MT= 56 (n,n') Level
Cross Section

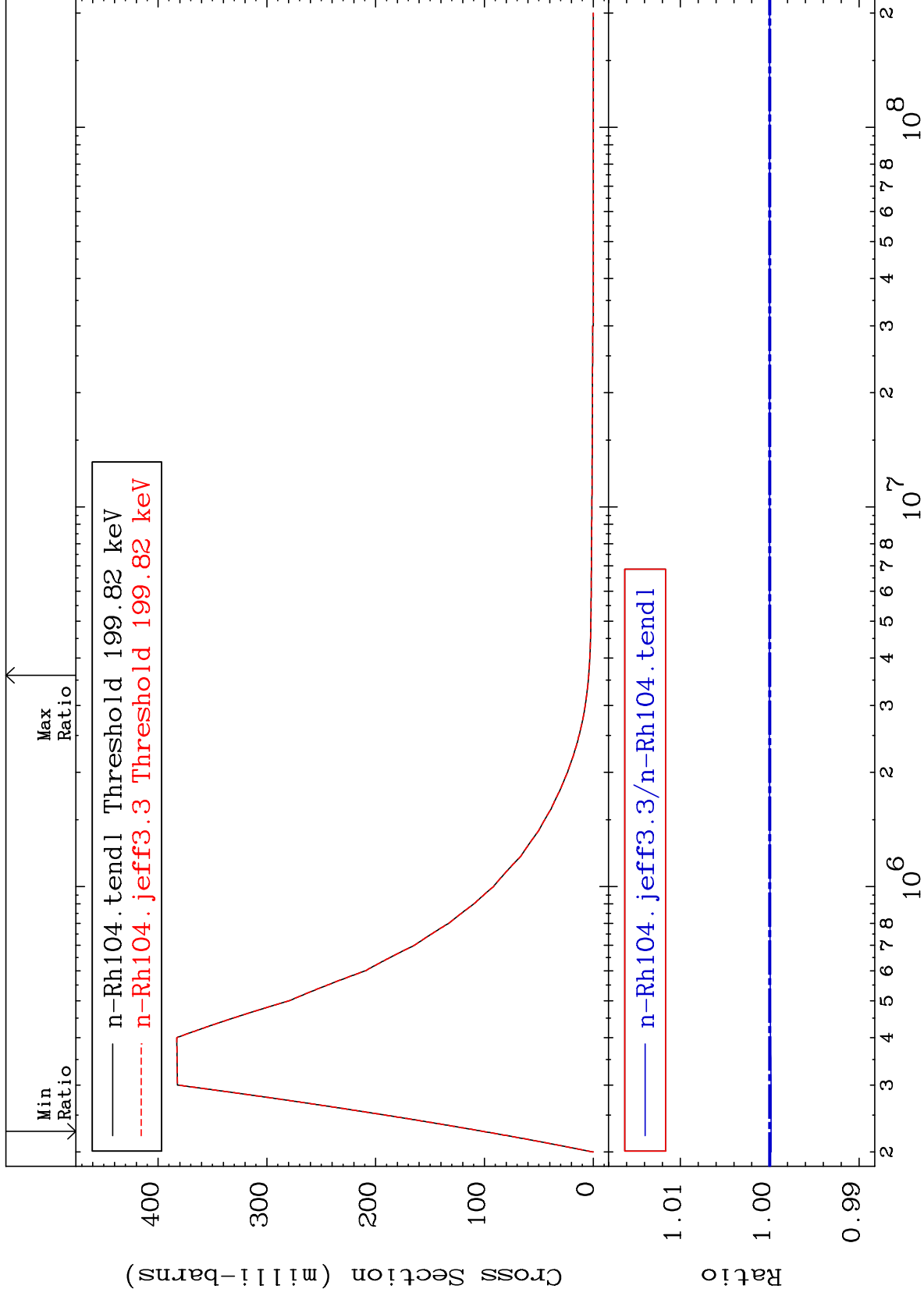
45-Rh-104
-0.030 To 0.008 %



MAT 4528

MT= 57 (n,n') Level
Cross Section

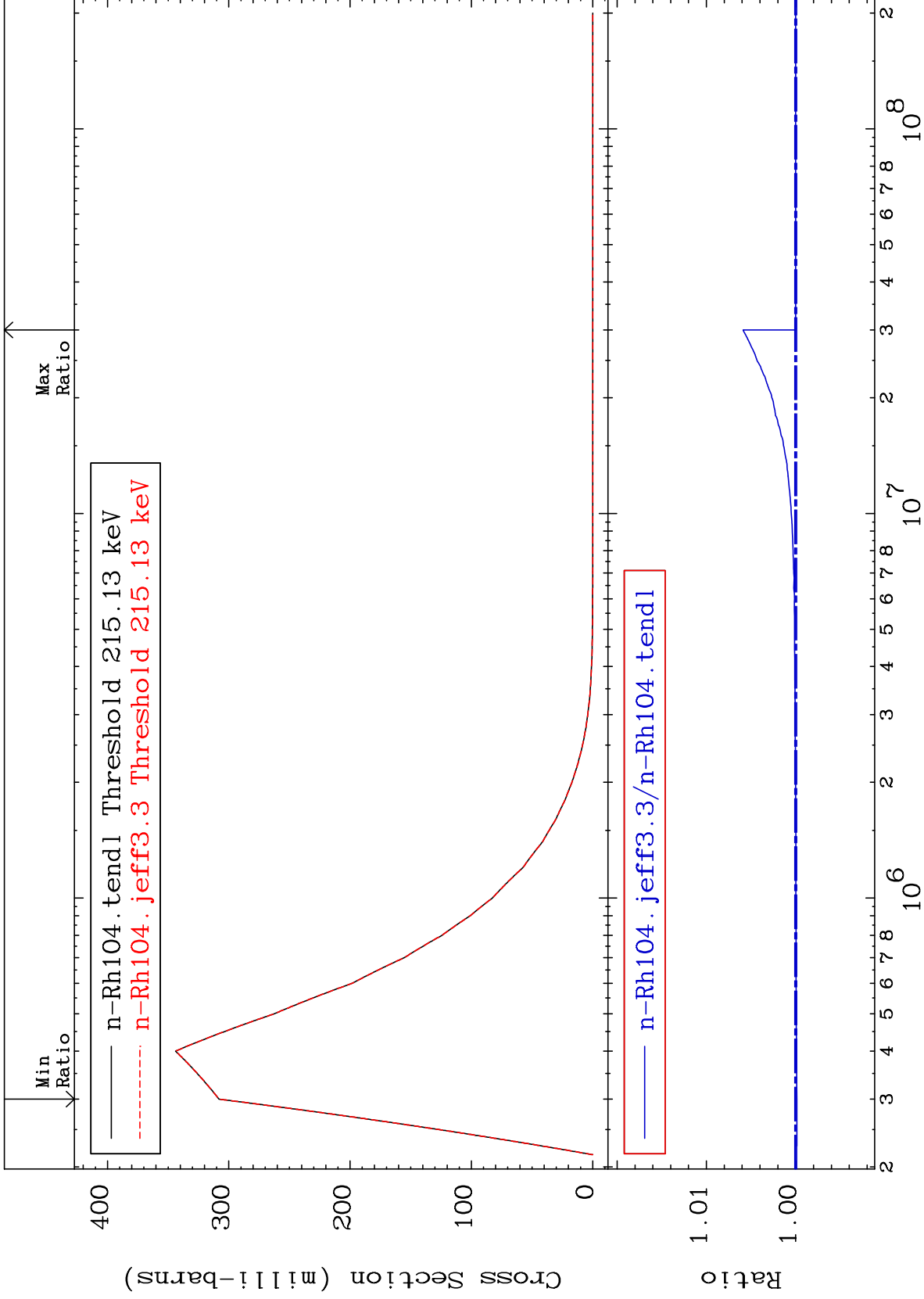
45-Rh-104
-0.015 To 0.004 %



MAT 4528

MT= 58 (n,n') Level
Cross Section

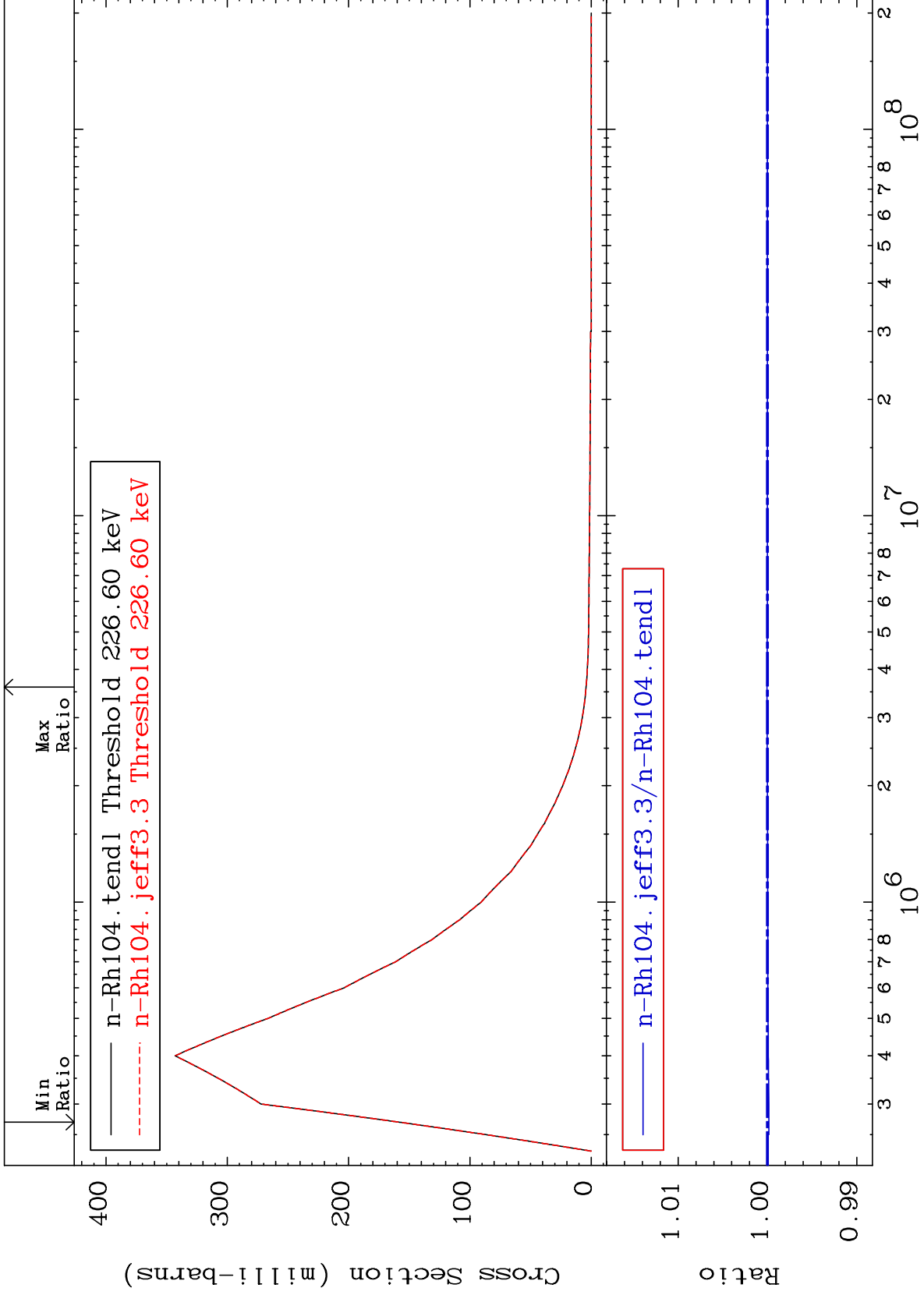
45-Rh-104
-0.013 To 0.590 %



MAT 4528

MT= 59 (n,n') Level
Cross Section

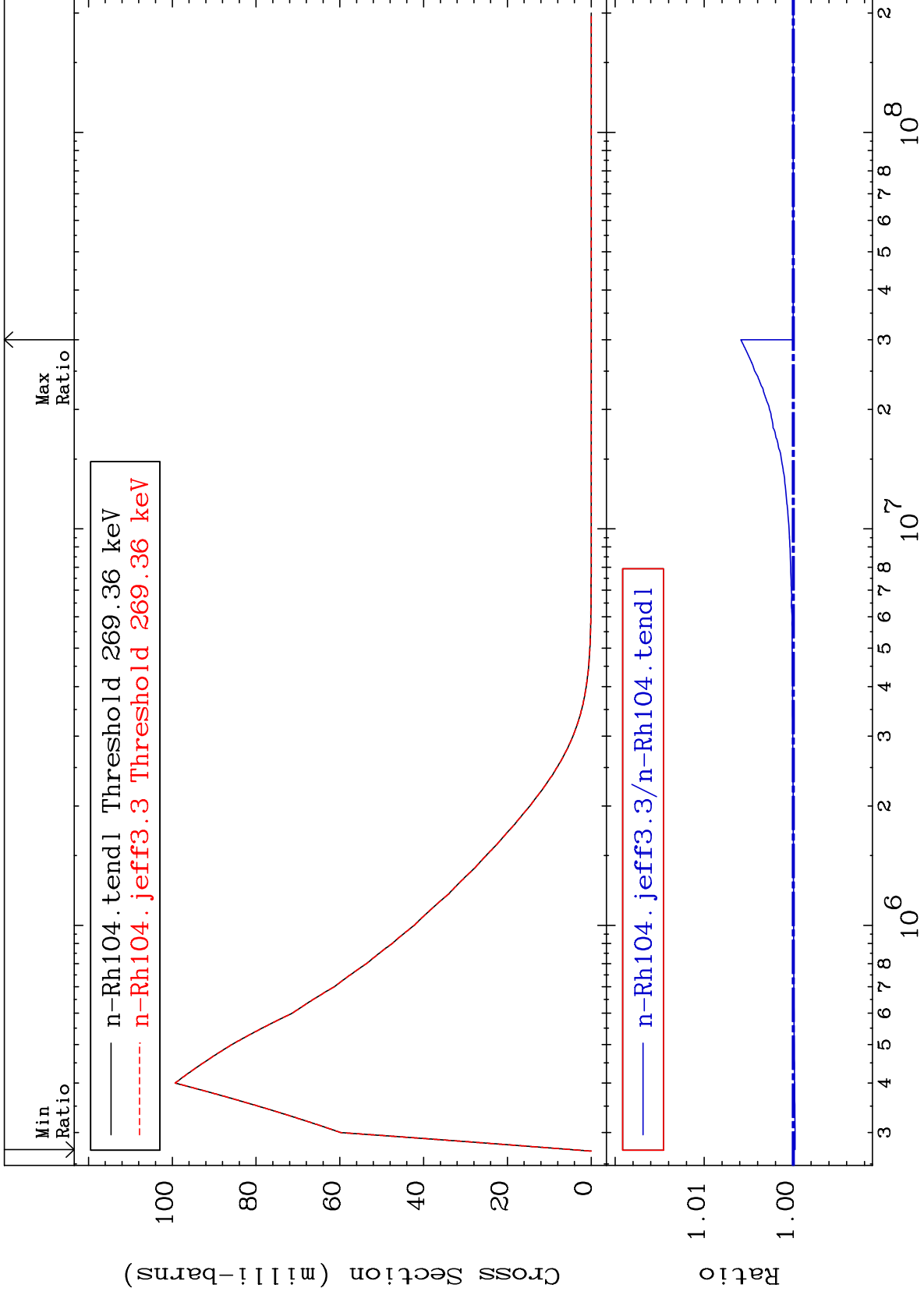
45-Rh-104
-0.015 To 0.004 %



MAT 4528

MT= 60 (n,n') Level
Cross Section

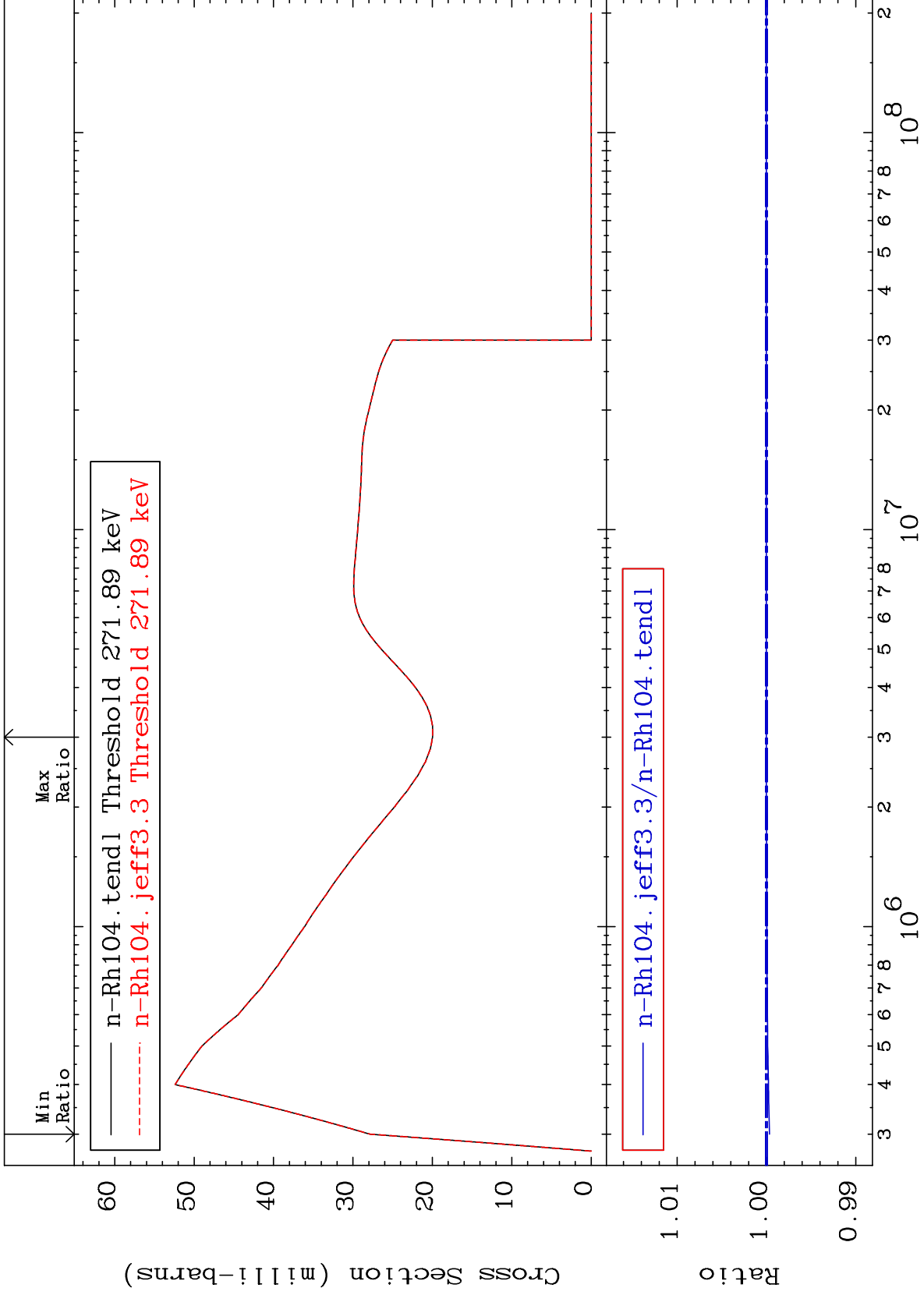
45-Rh-104
-0.021 To 0.590 %



MAT 4528

MT= 61 (n,n') Level
Cross Section

45-Rh-104
-0.034 To 0.001 %



30

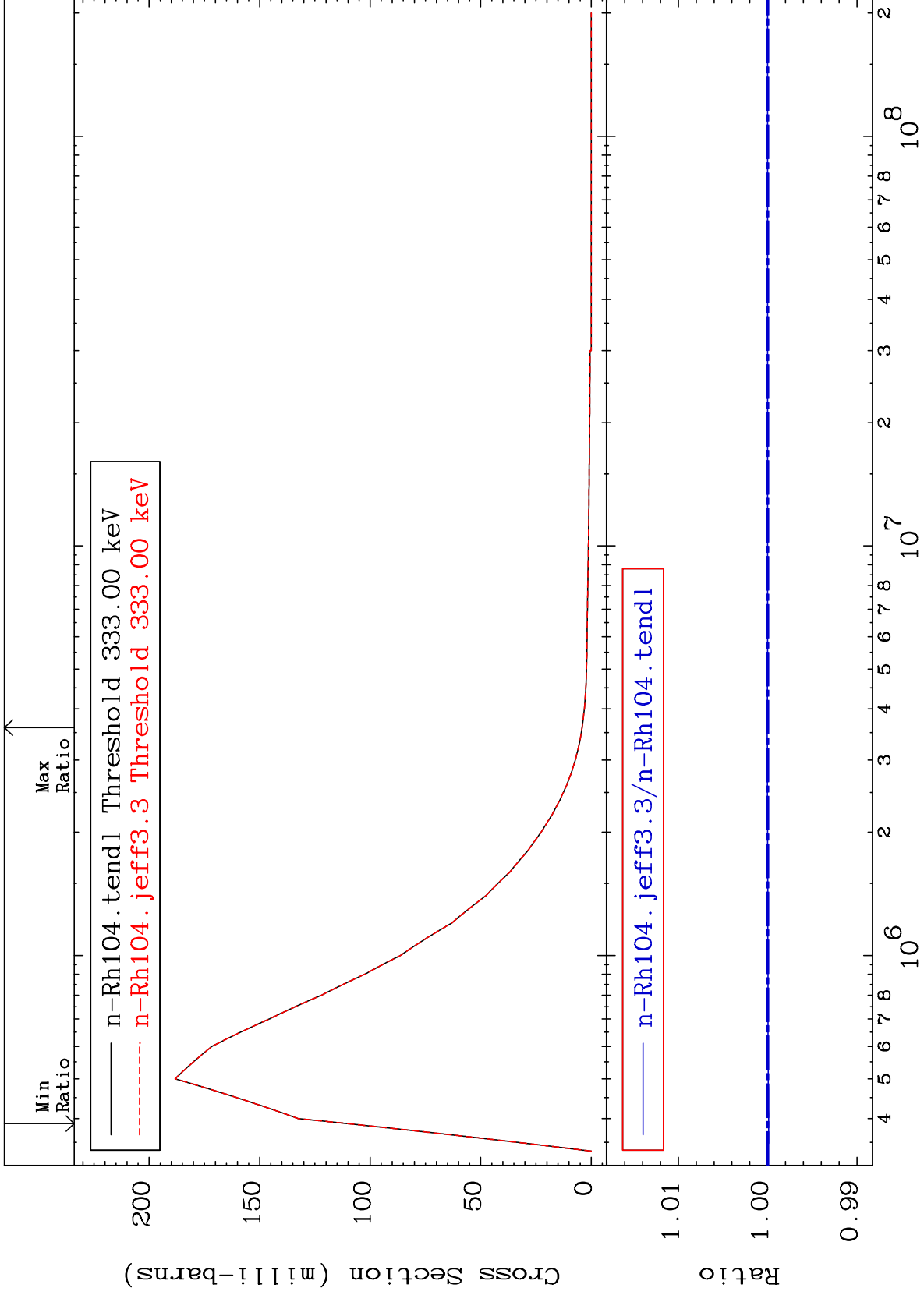
Incident Energy (eV)

45-Rh-104

MAT 4528

MT= 62 (n,n') Level
Cross Section

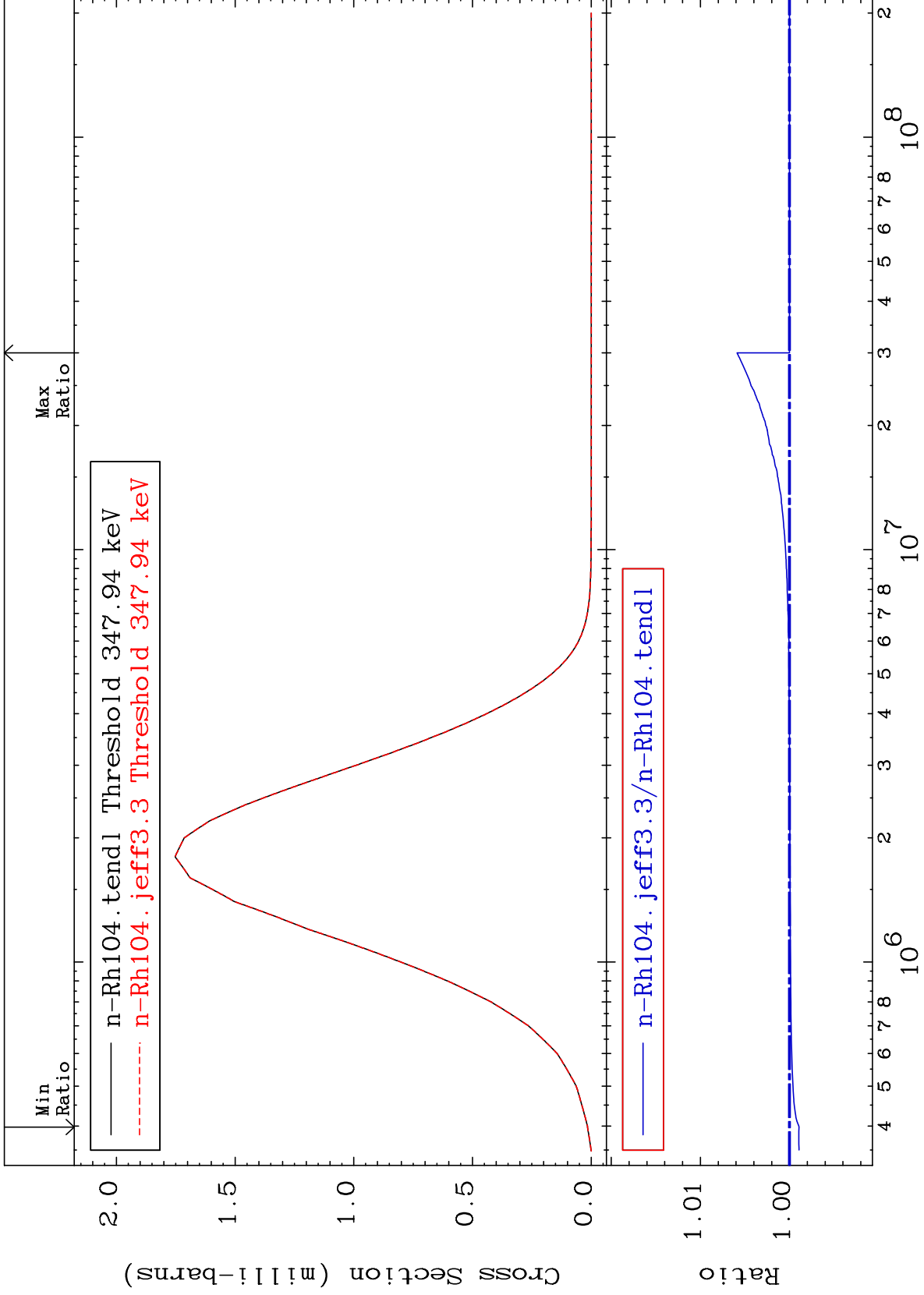
45-Rh-104
-0.011 To 0.004 %



MAT 4528

MT= 63 (n,n') Level
Cross Section

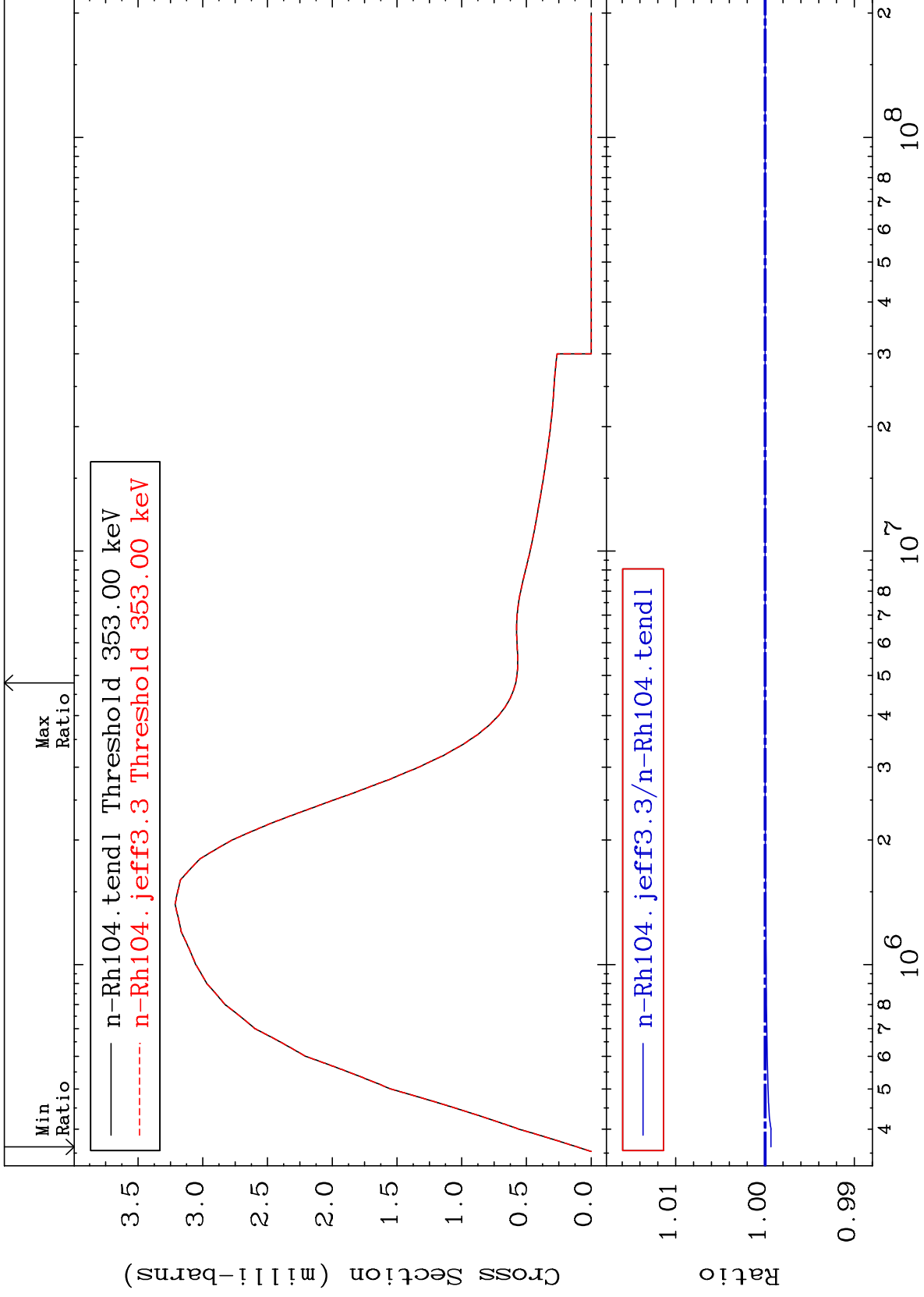
45-Rh-104
-0.106 To 0.589 %



MAT 4528

MT= 64 (n,n') Level
Cross Section

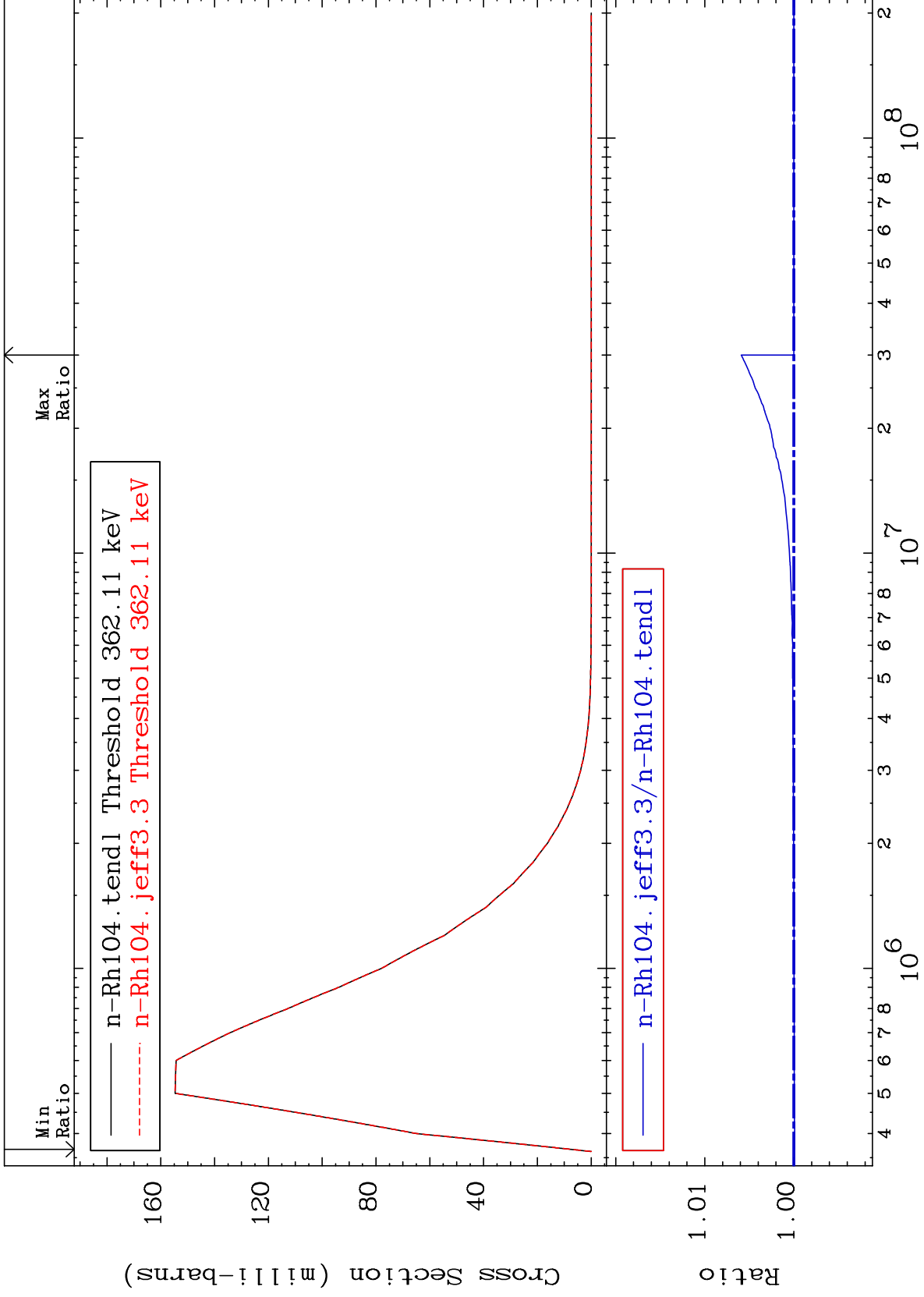
45-Rh-104
-0.066 To 0.002 %



MAT 4528

MT= 65 (n,n') Level
Cross Section

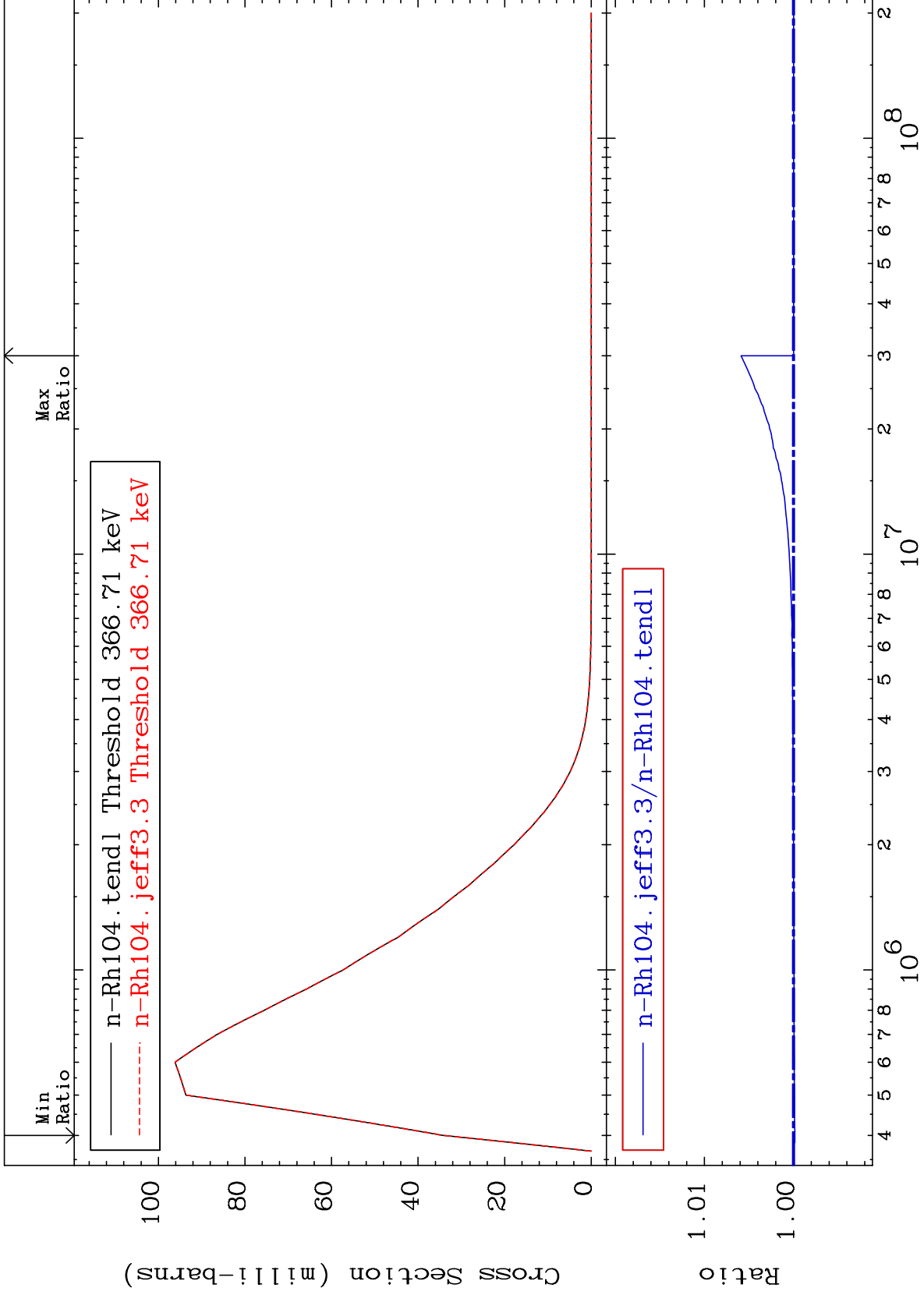
45-Rh-104
-0.009 To 0.590 %



MAT 4528

MT= 66 (n,n') Level
Cross Section

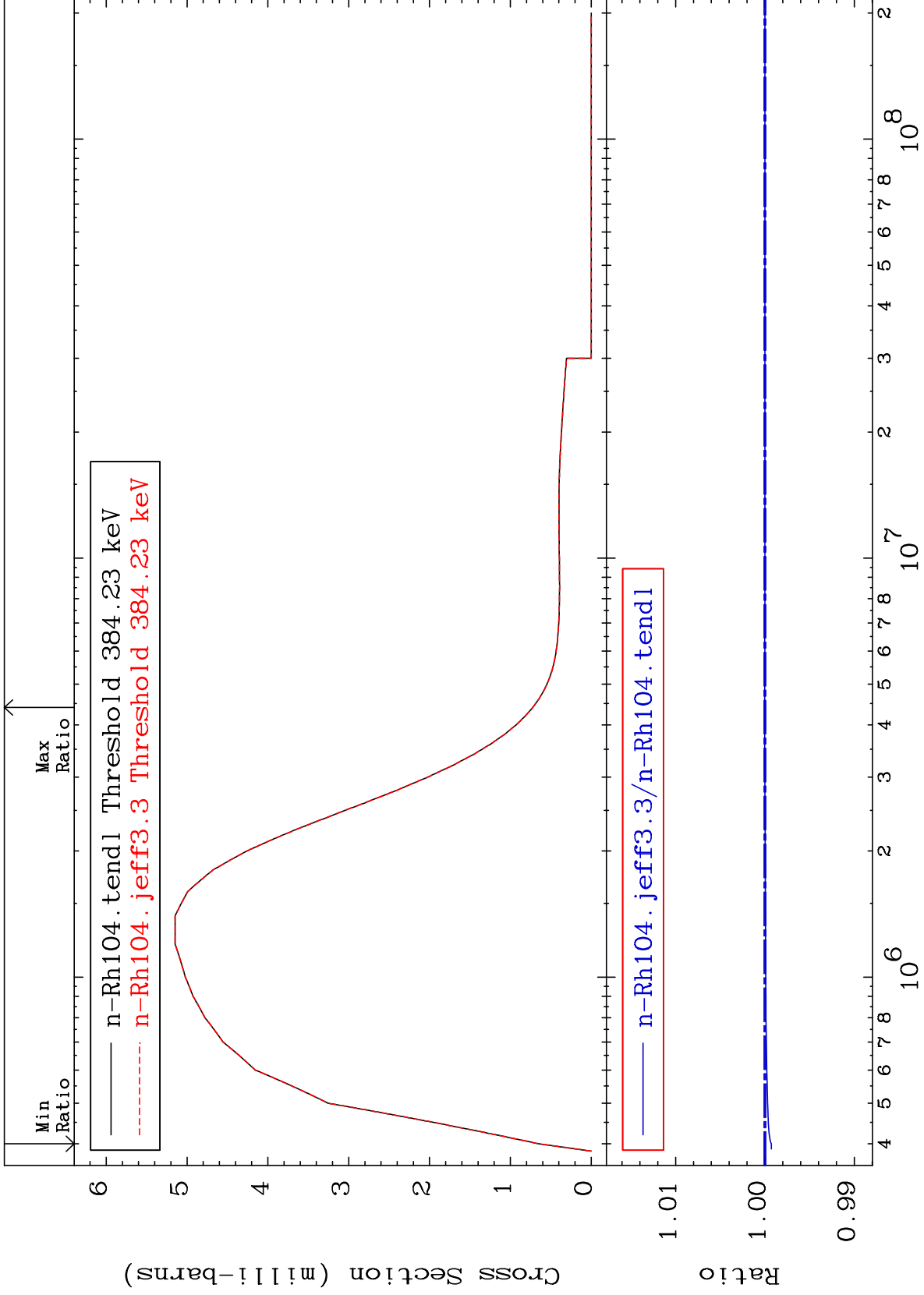
45-Rh-104
-0.016 To 0.590 %



MAT 4528

MT= 67 (n,n') Level
Cross Section

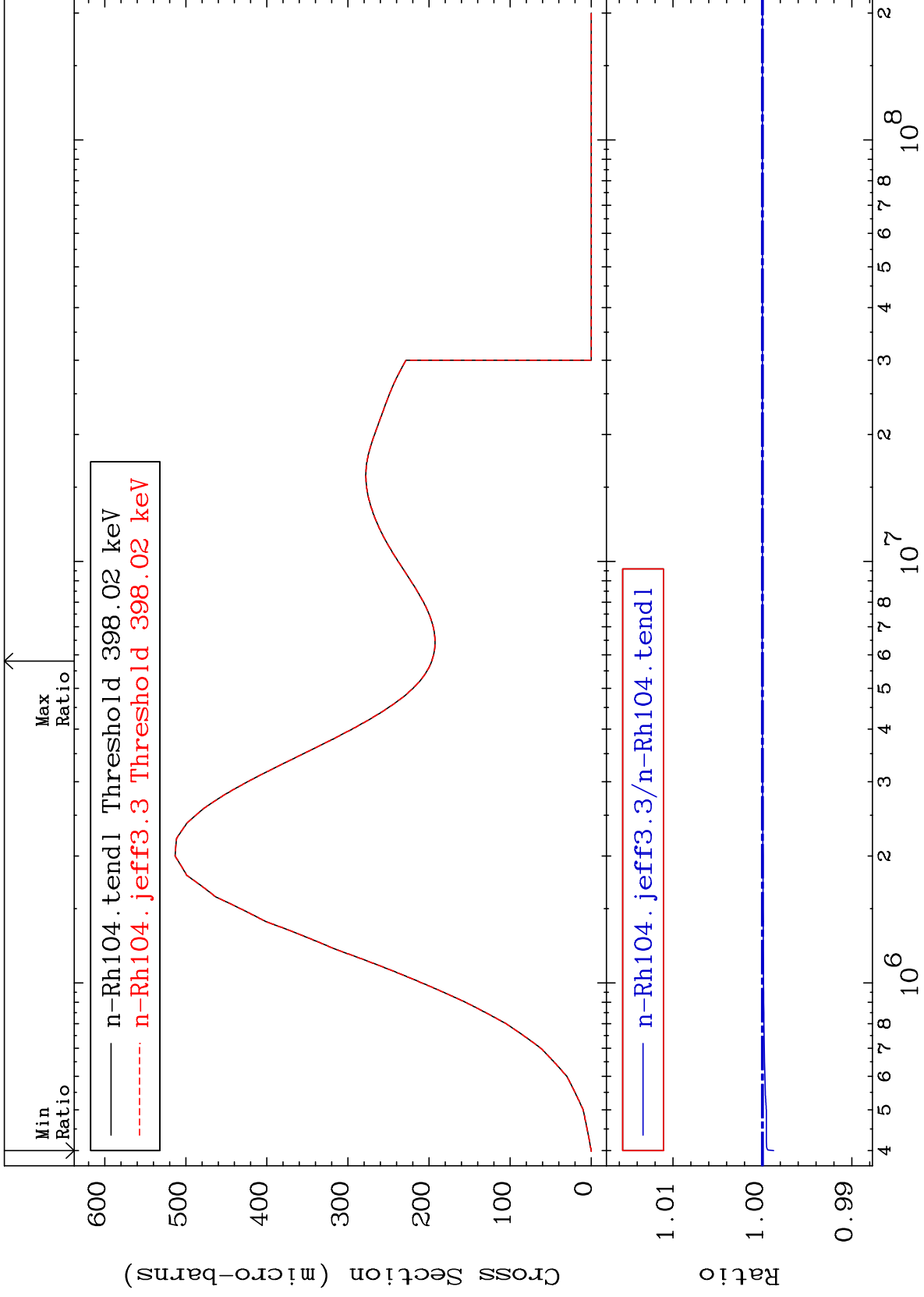
45-Rh-104
-0.071 To 0.004 %



MAT 4528

MT= 69 (n,n') Level
Cross Section

45-Rh-104
-0.126 To 0.002 %



37

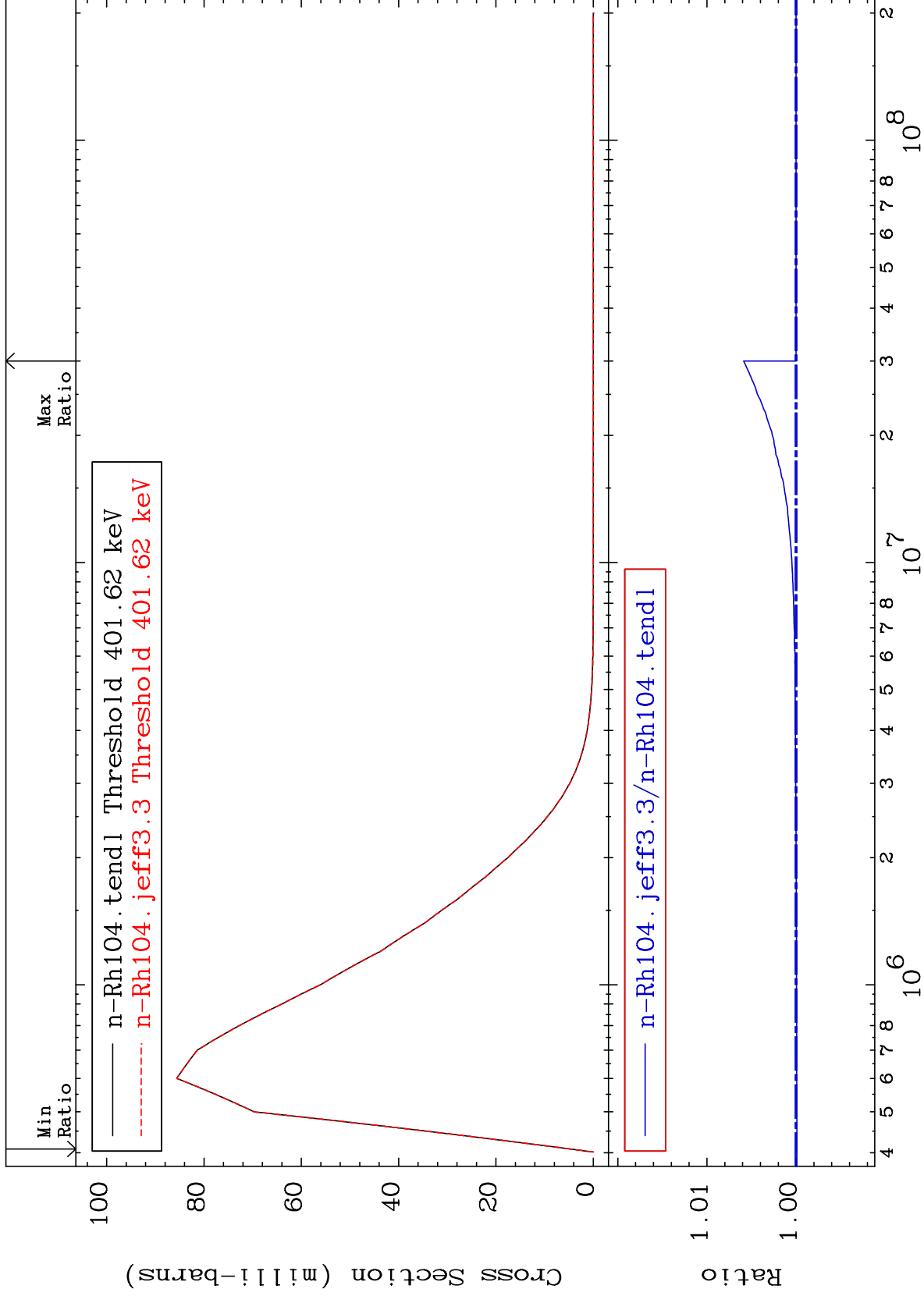
Incident Energy (eV)

45-Rh-104

MAT 4528

MT= 70 (n,n') Level
Cross Section

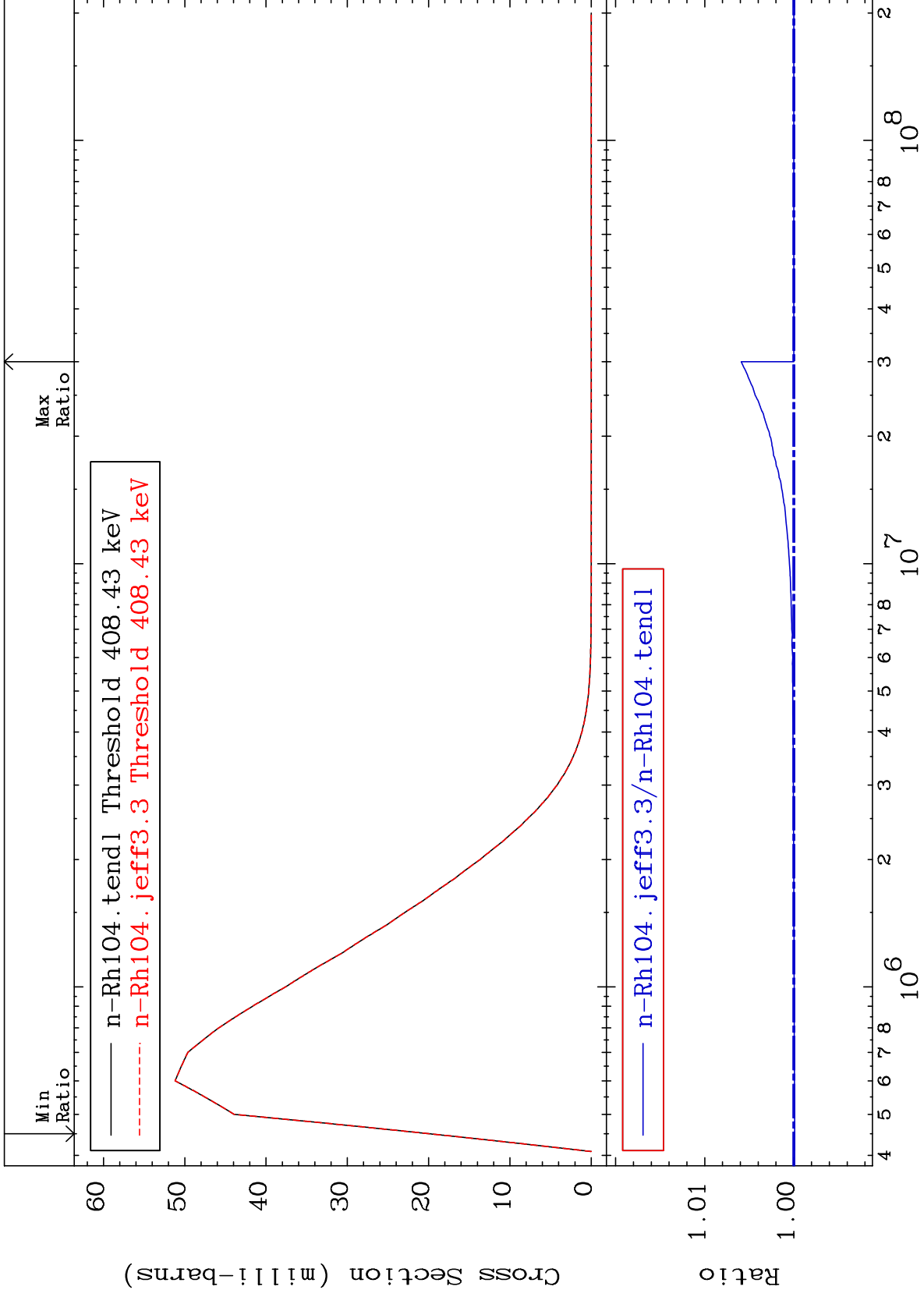
45-Rh-104
-0.008 To 0.590 %



MAT 4528

MT= 72 (n,n') Level
Cross Section

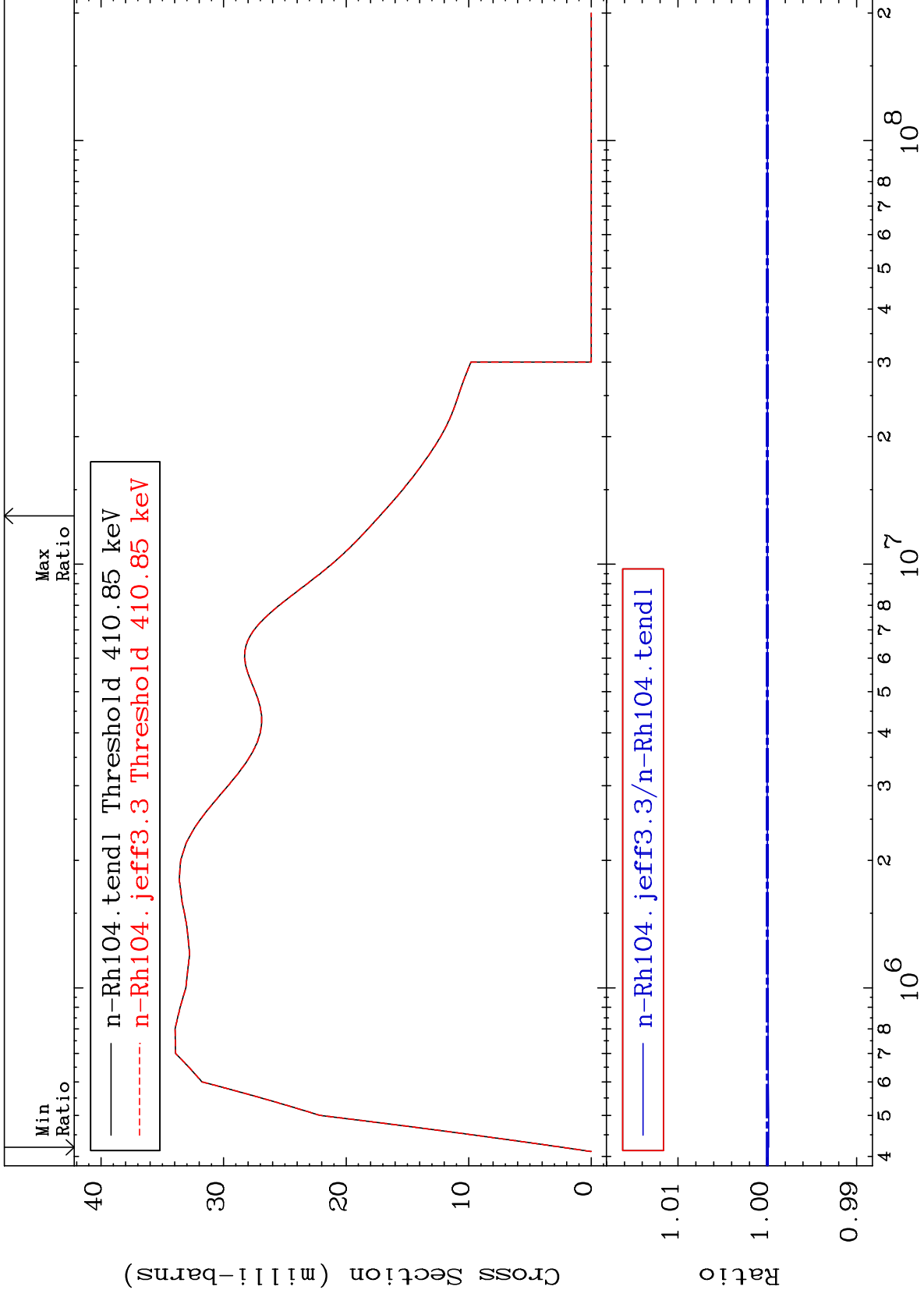
45-Rh-104
-0.010 To 0.590 %



MAT 4528

MT= 73 (n,n') Level
Cross Section

45-Rh-104
-0.014 To 0.000 %



40

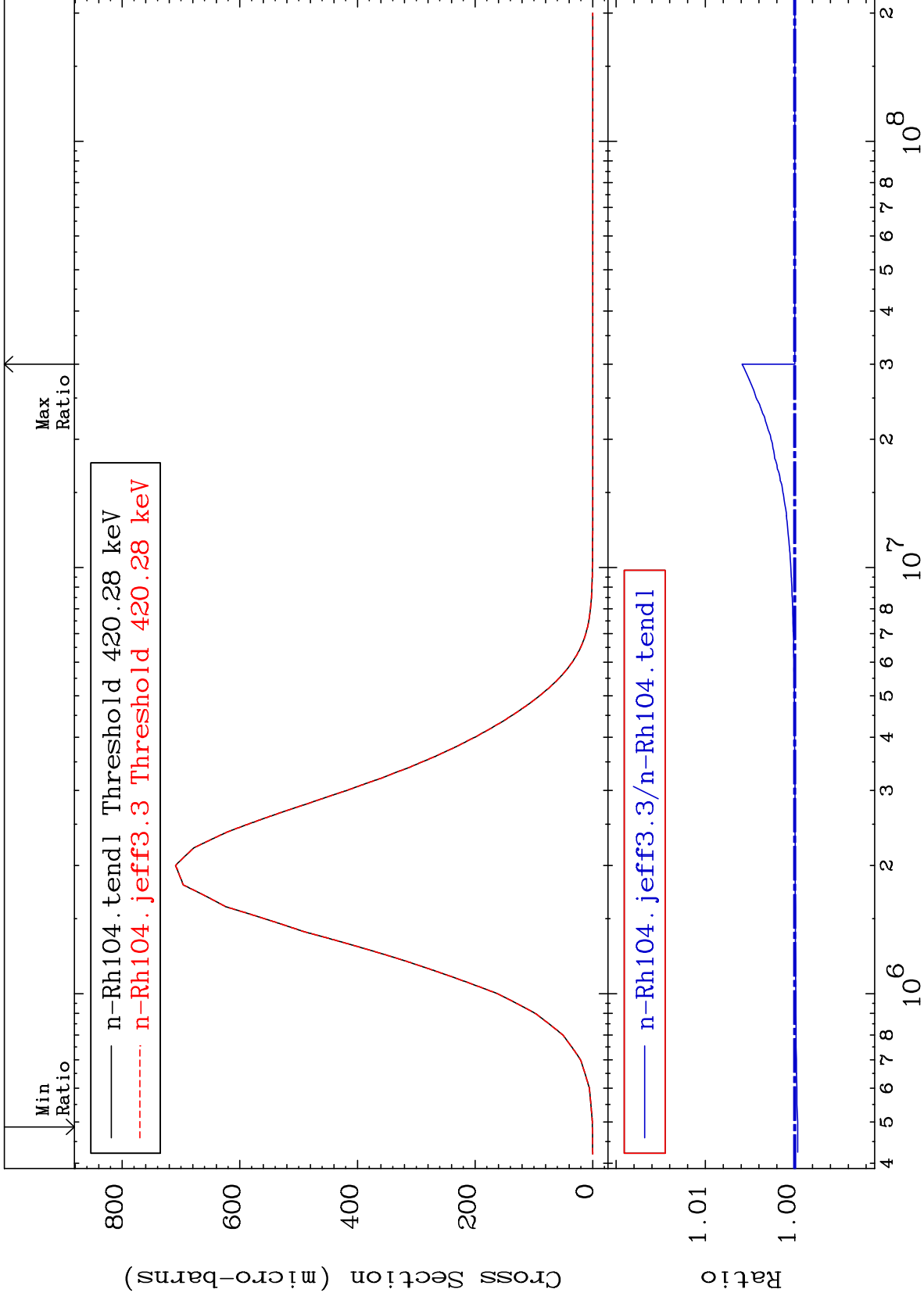
Incident Energy (eV)

45-Rh-104

MAT 4528

MT= 74 (n,n') Level
Cross Section

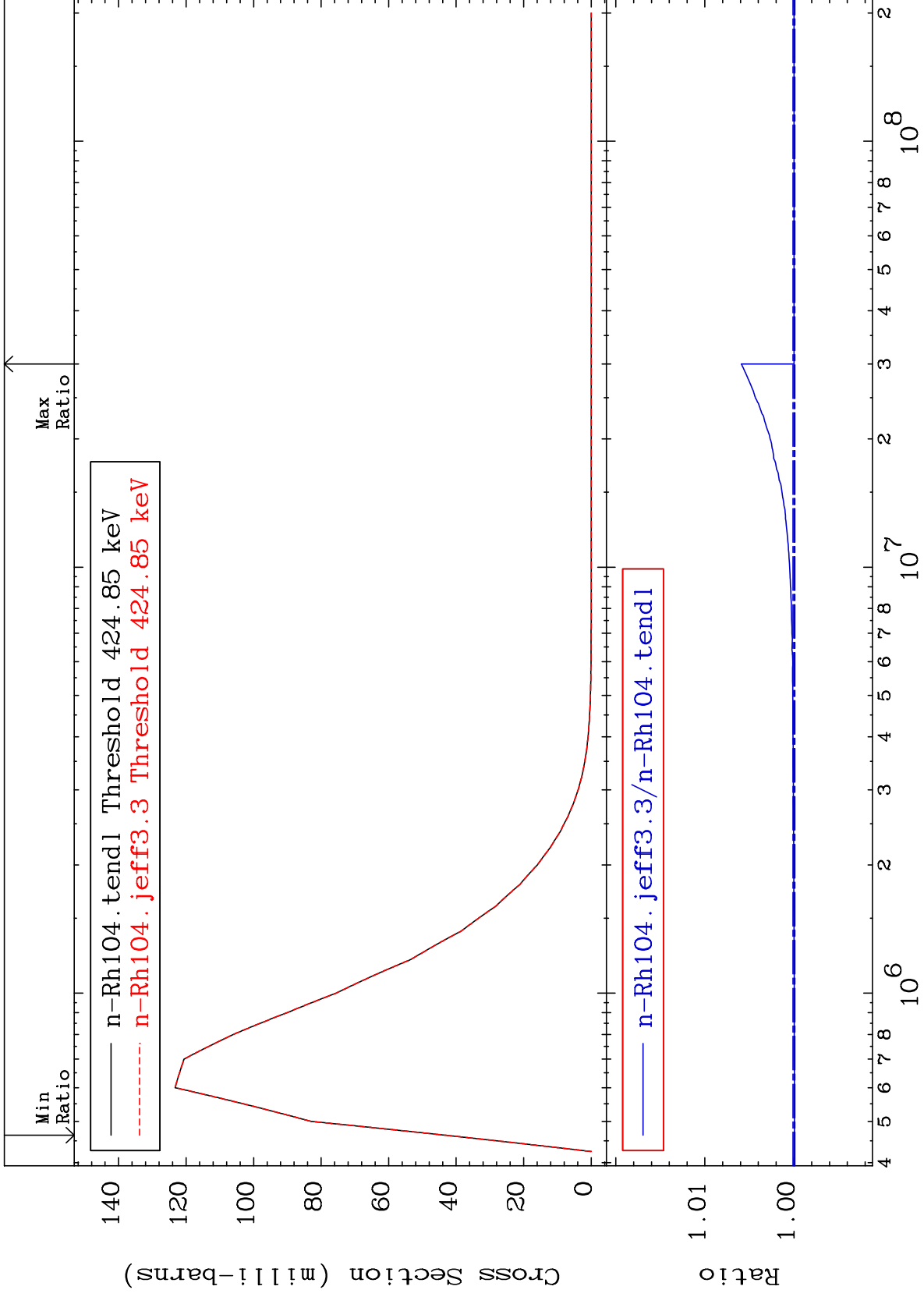
45-Rh-104
-0.033 To 0.589 %



MAT 4528

MT= 75 (n,n') Level
Cross Section

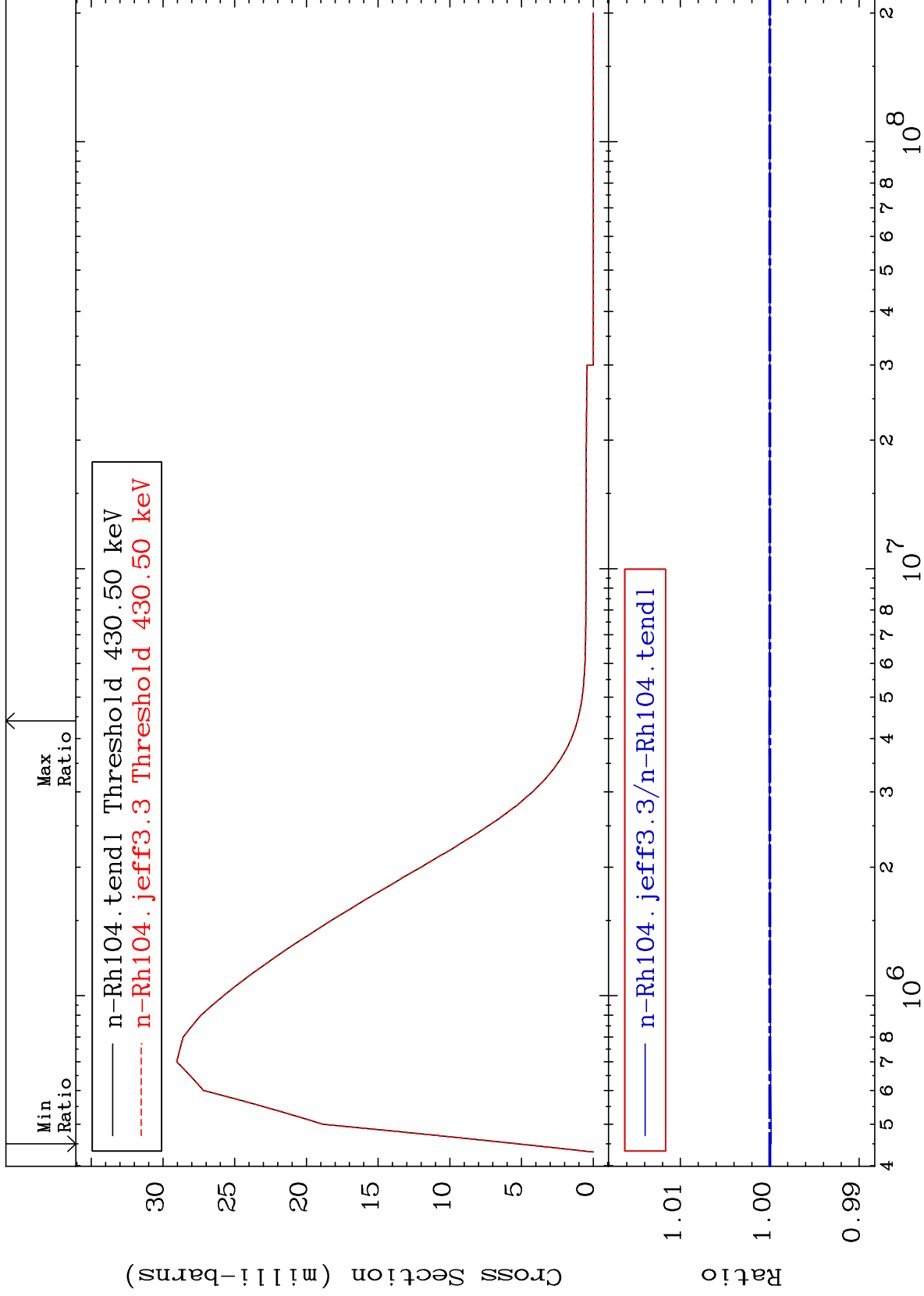
45-Rh-104
-0.006 To 0.590 %



MAT 4528

MT= 76 (n,n') Level
Cross Section

45-Rh-104
-0.014 To 0.006 %



43

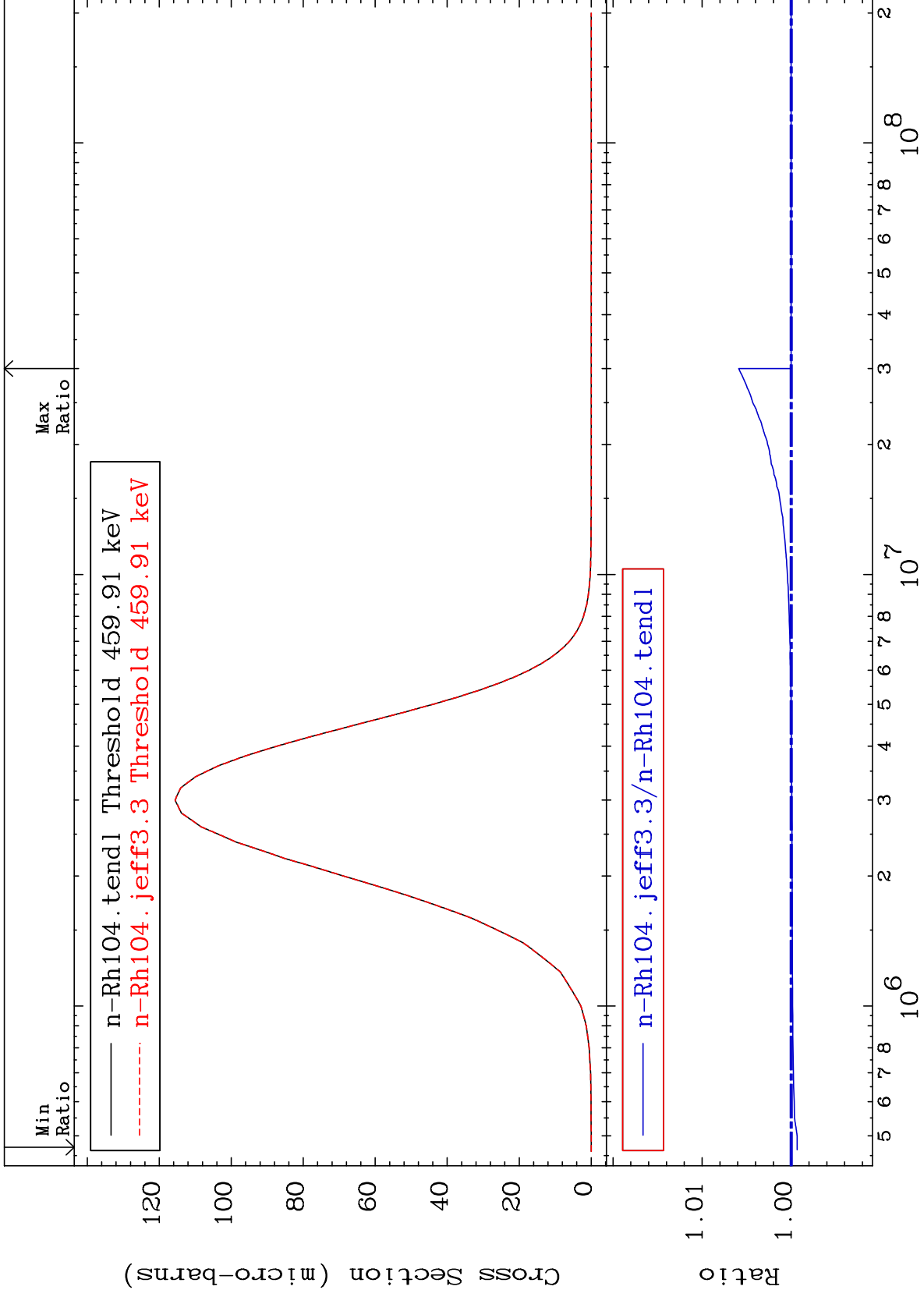
Incident Energy (eV)

45-Rh-104

MAT 4528

MT= 77 (n,n') Level
Cross Section

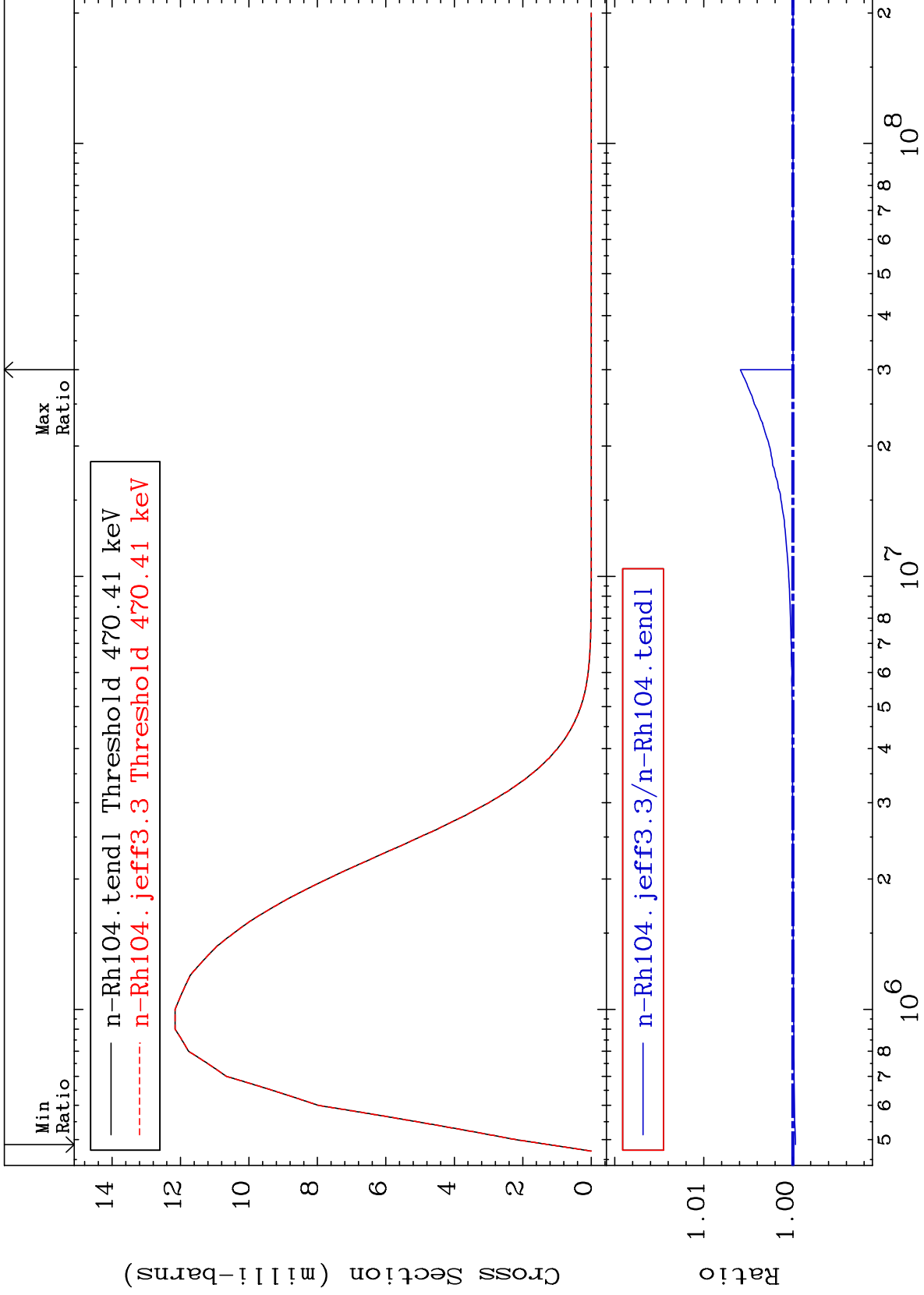
45-Rh-104
-0.067 To 0.589 %



MAT 4528

MT= 79 (n,n') Level
Cross Section

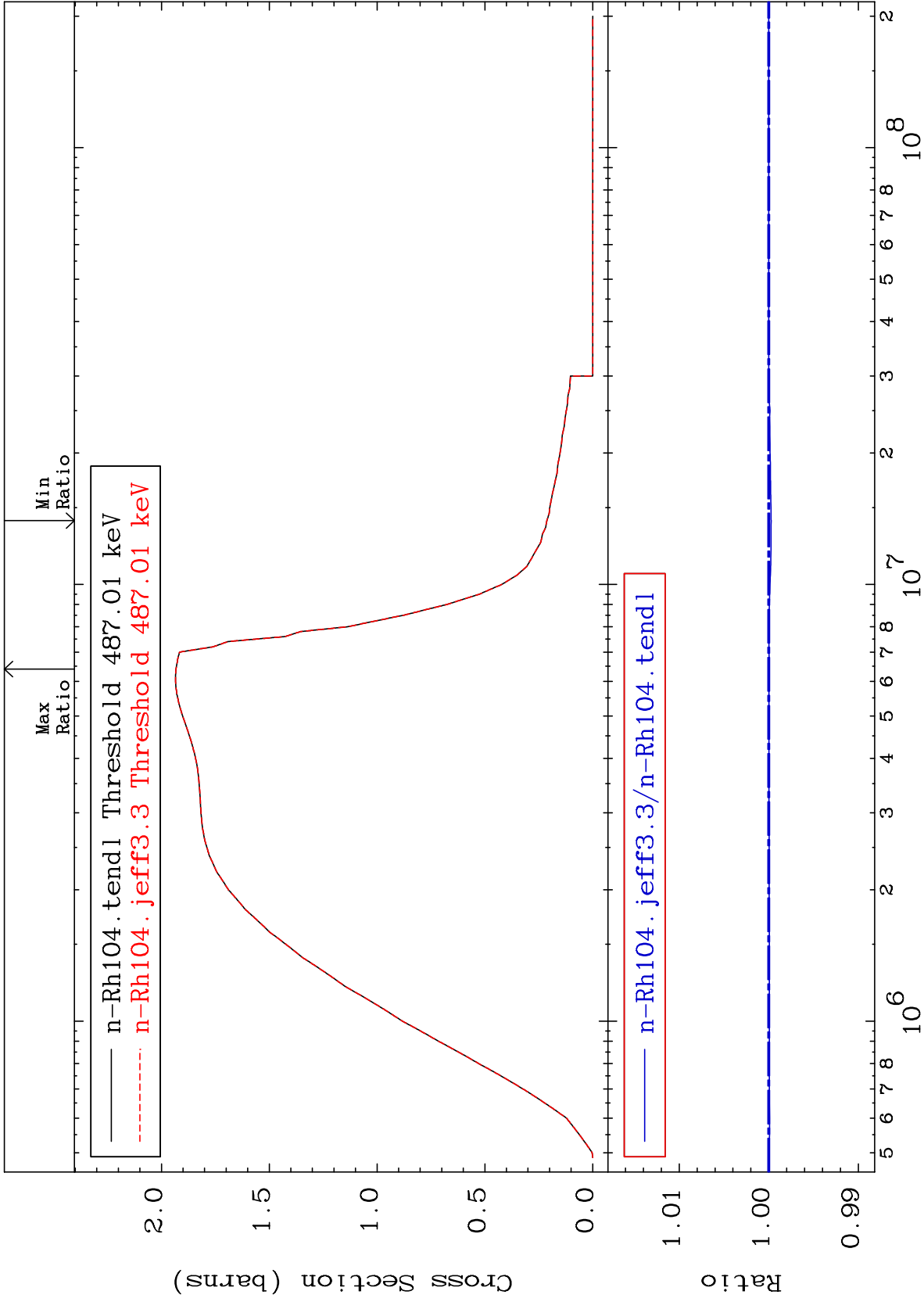
45-Rh-104
-0.029 To 0.590 %



45

Incident Energy (eV)

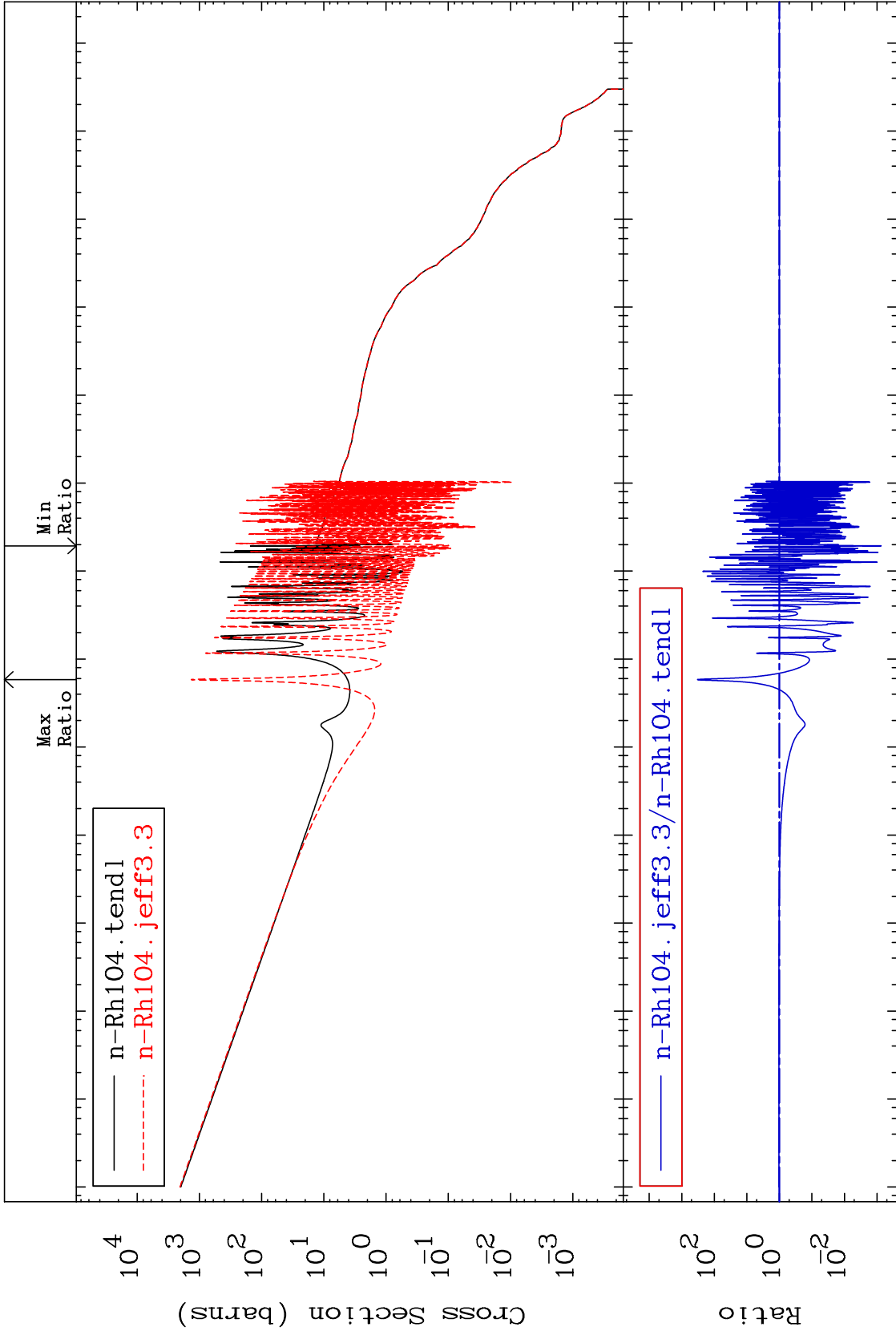
45-Rh-104



MAT 4528

(n, γ)
Cross Section

45-Rh-104
-99.93 To 9999. %



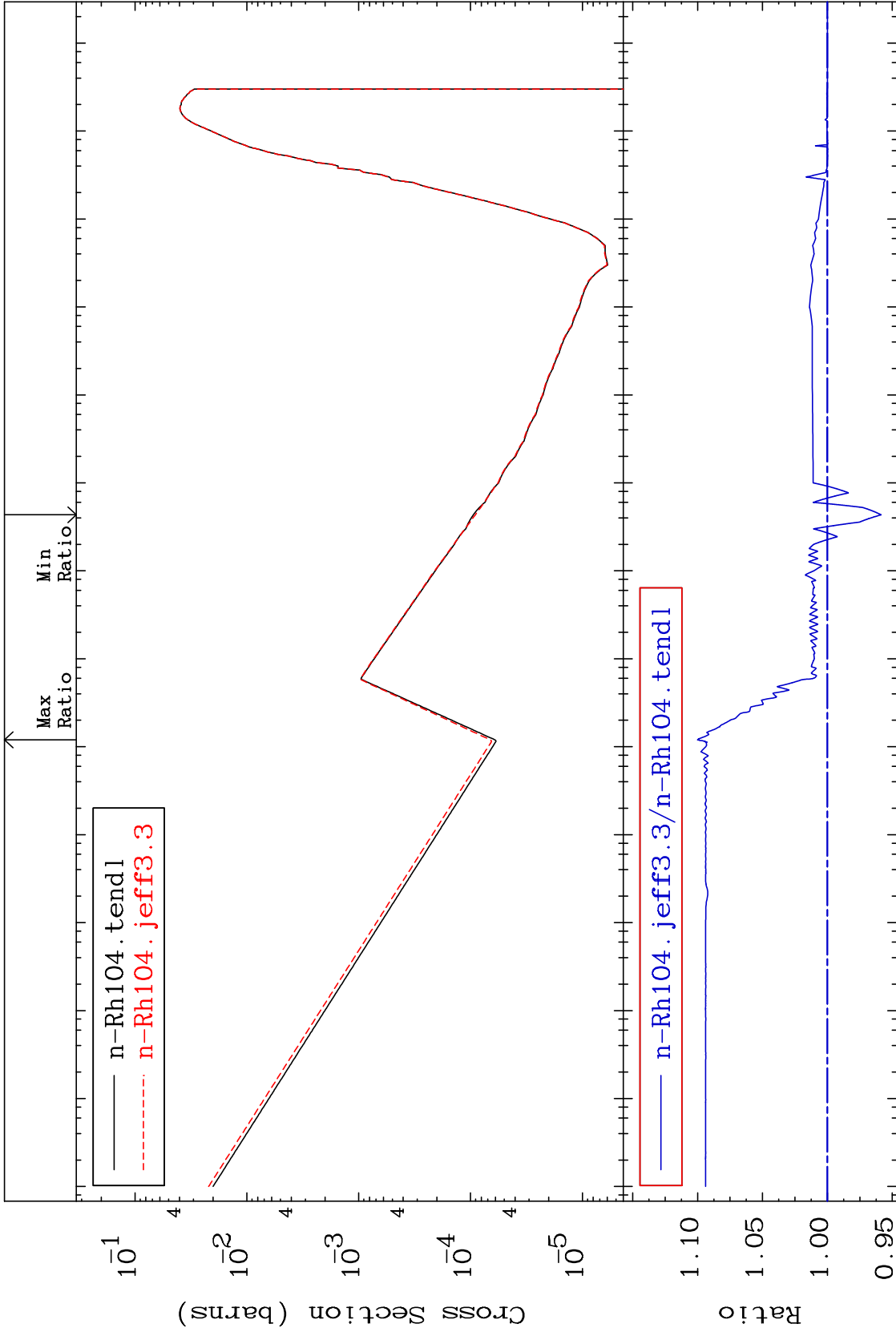
MAT 4528

(n, p)

45-Rh-104

Cross Section

-4.136 To 10.01 %



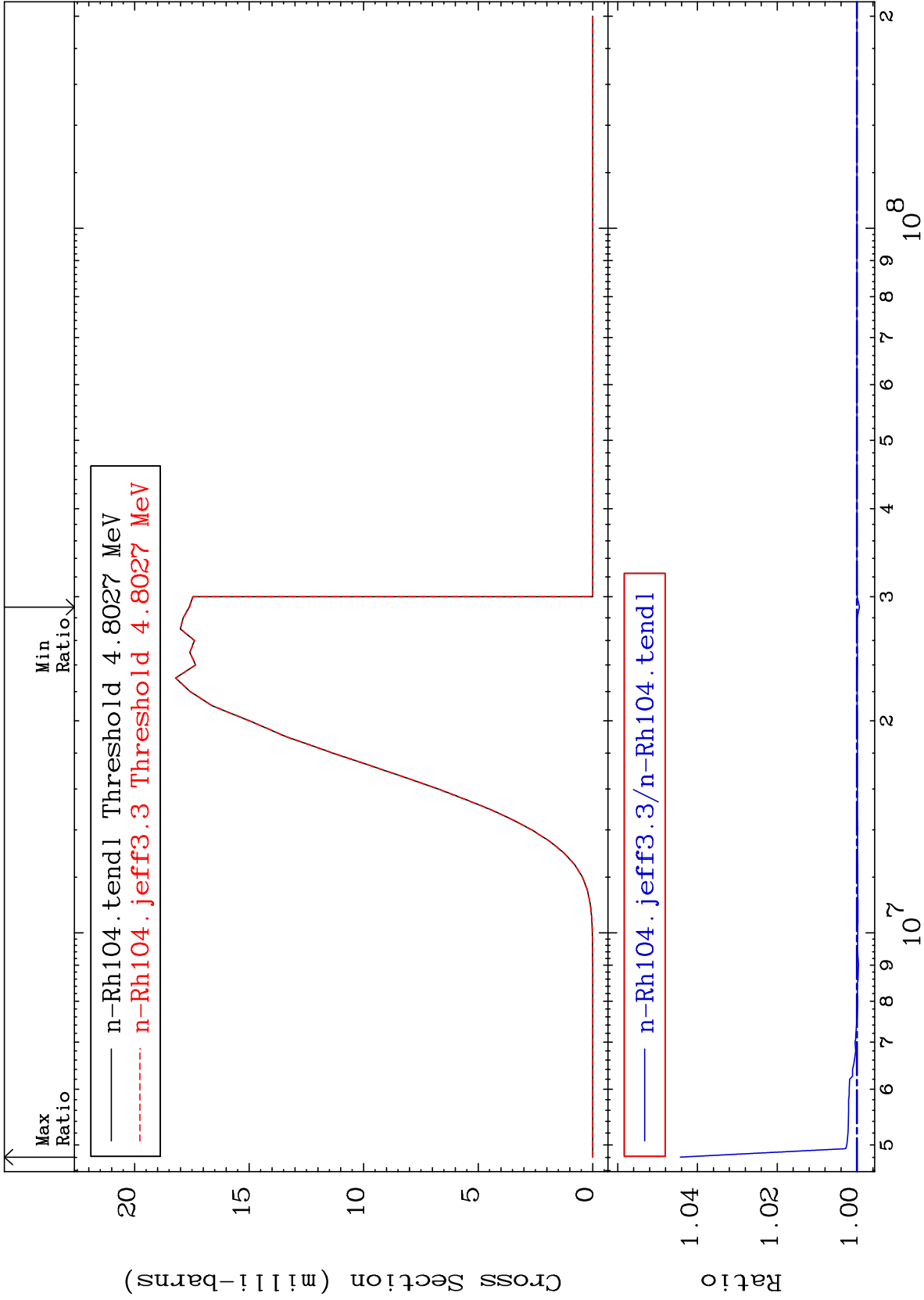
MAT 4528

(n, d)

45-Rh-104

Cross Section

-0.062 To 4.429 %



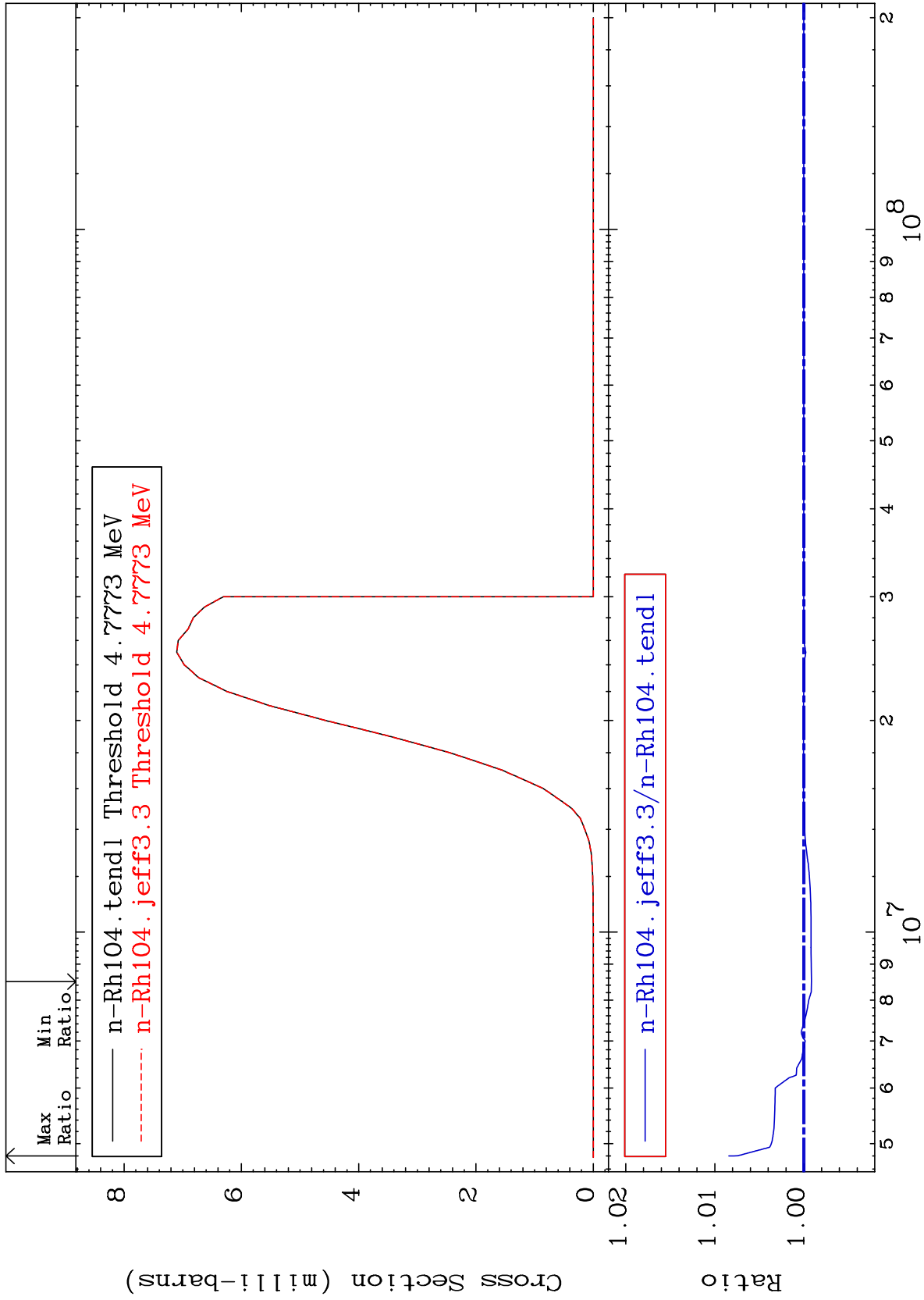
MAT 4528

(n, t)

45-Rh-104

Cross Section

-0.085 To 0.841 %



50

Incident Energy (eV)

45-Rh-104

MAT 4528

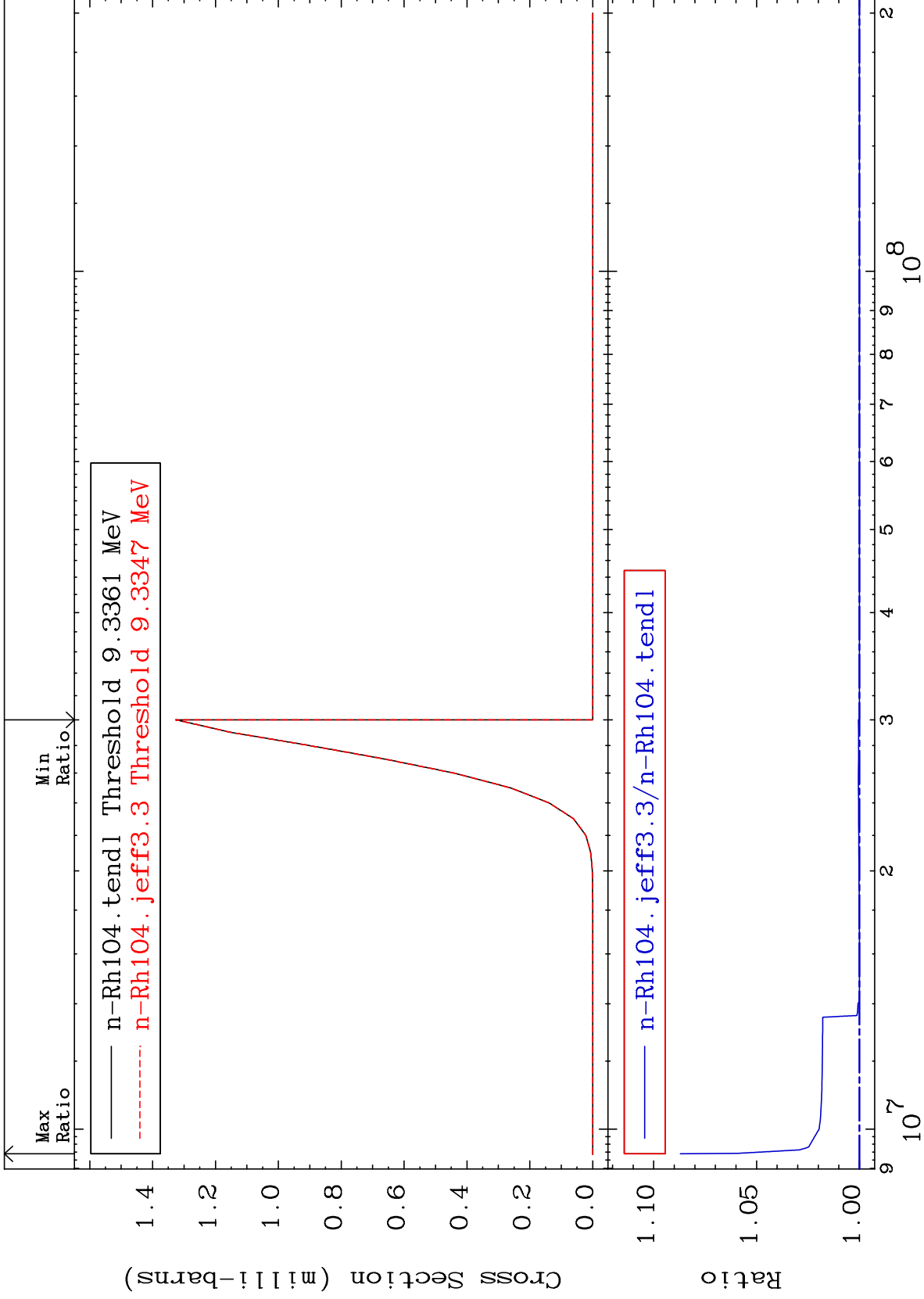
(n, He-3)

45-Rh-104

Cross Section

0.000

To 8.703 %



51

Incident Energy (eV)

45-Rh-104

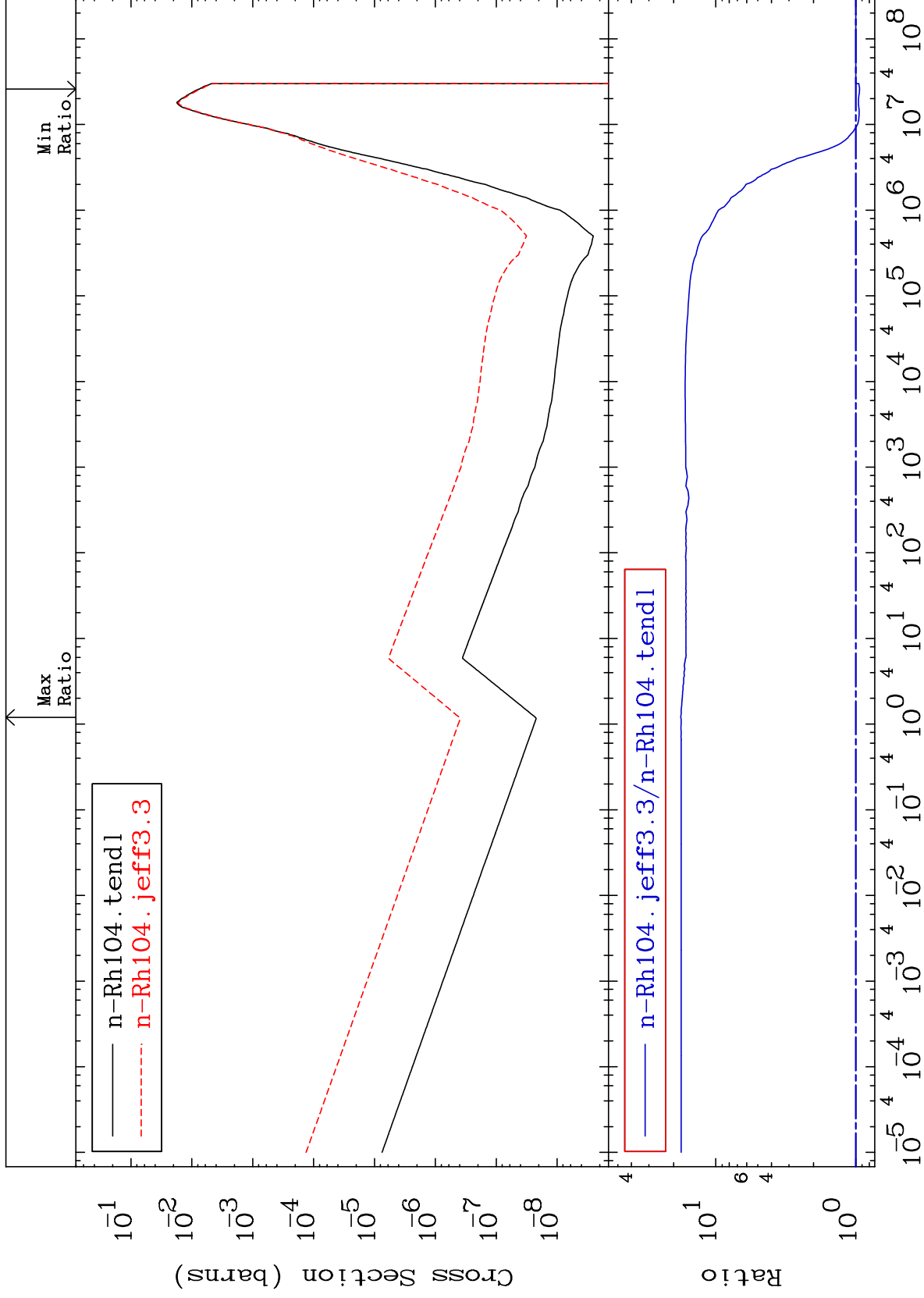
MAT 4528

(n, α)

45-Rh-104

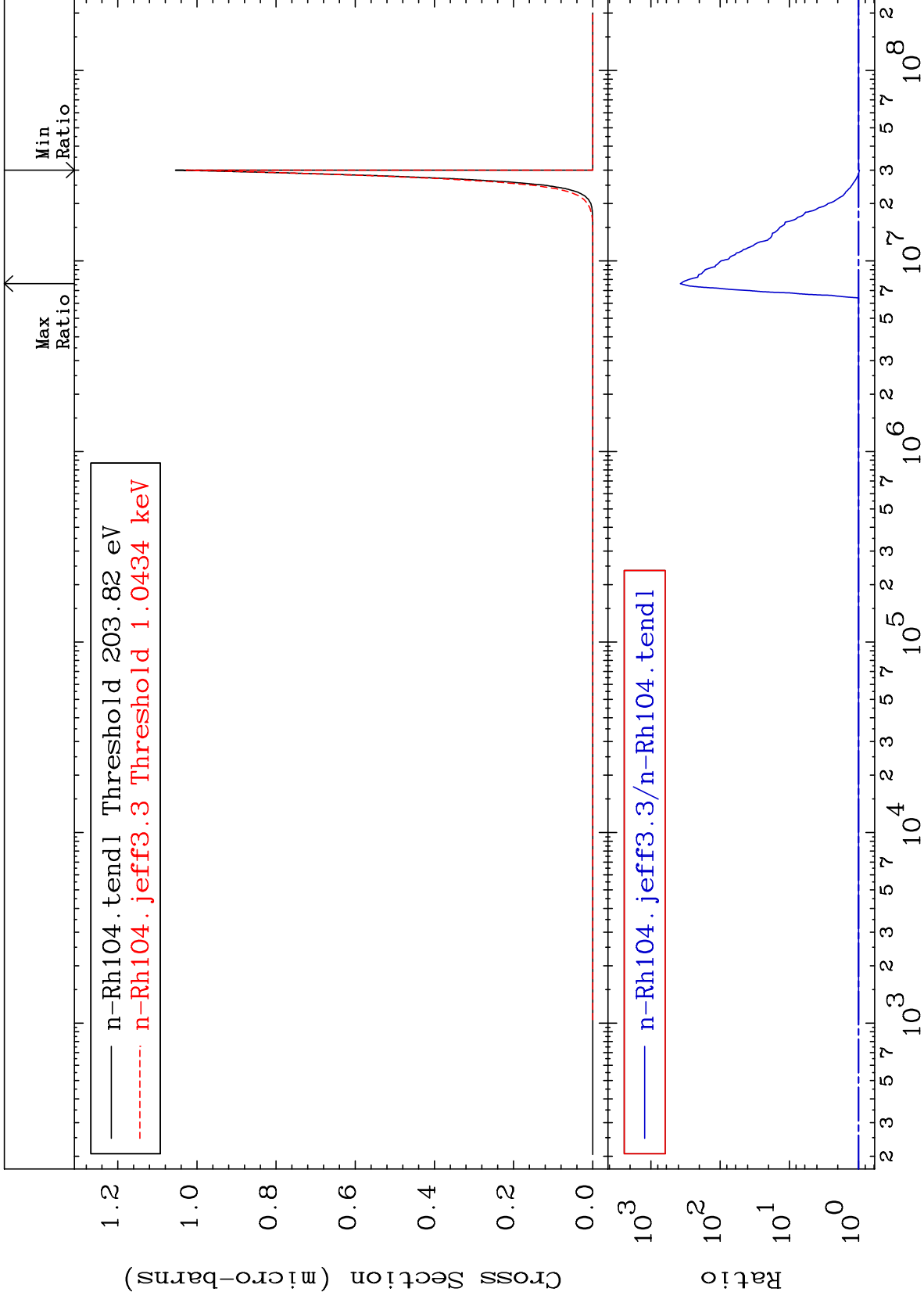
Cross Section

-6.112 To 1676. %



Cross Section

-2.637 To 9999. %



— n-Rh104.tendl Threshold 203.82 eV
- - - n-Rh104.jeff3.3 Threshold 1.0434 keV

— n-Rh104.jeff3.3/n-Rh104.tendl

MAT 4528

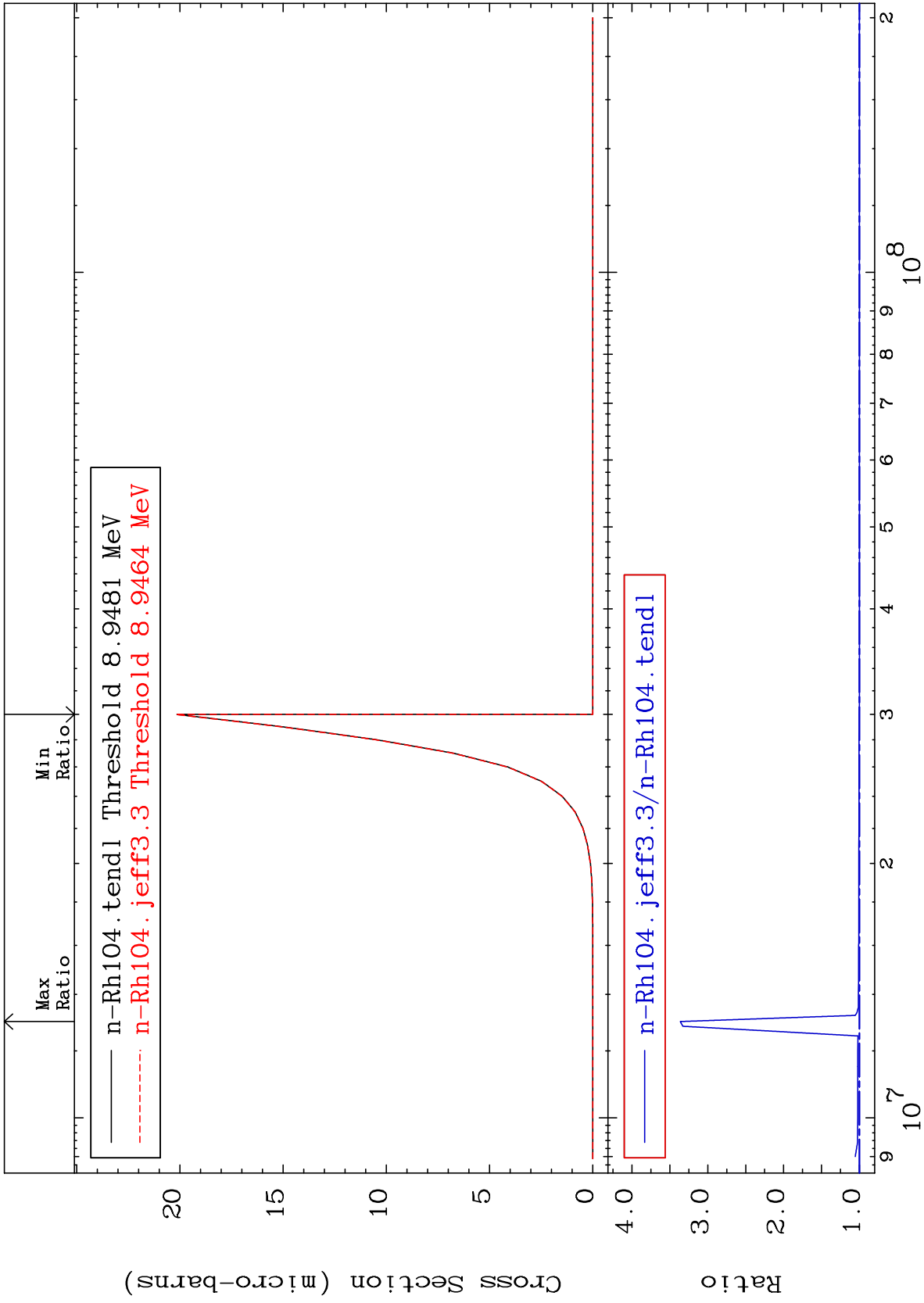
(n,2p)

45-Rh-104

Cross Section

0.000

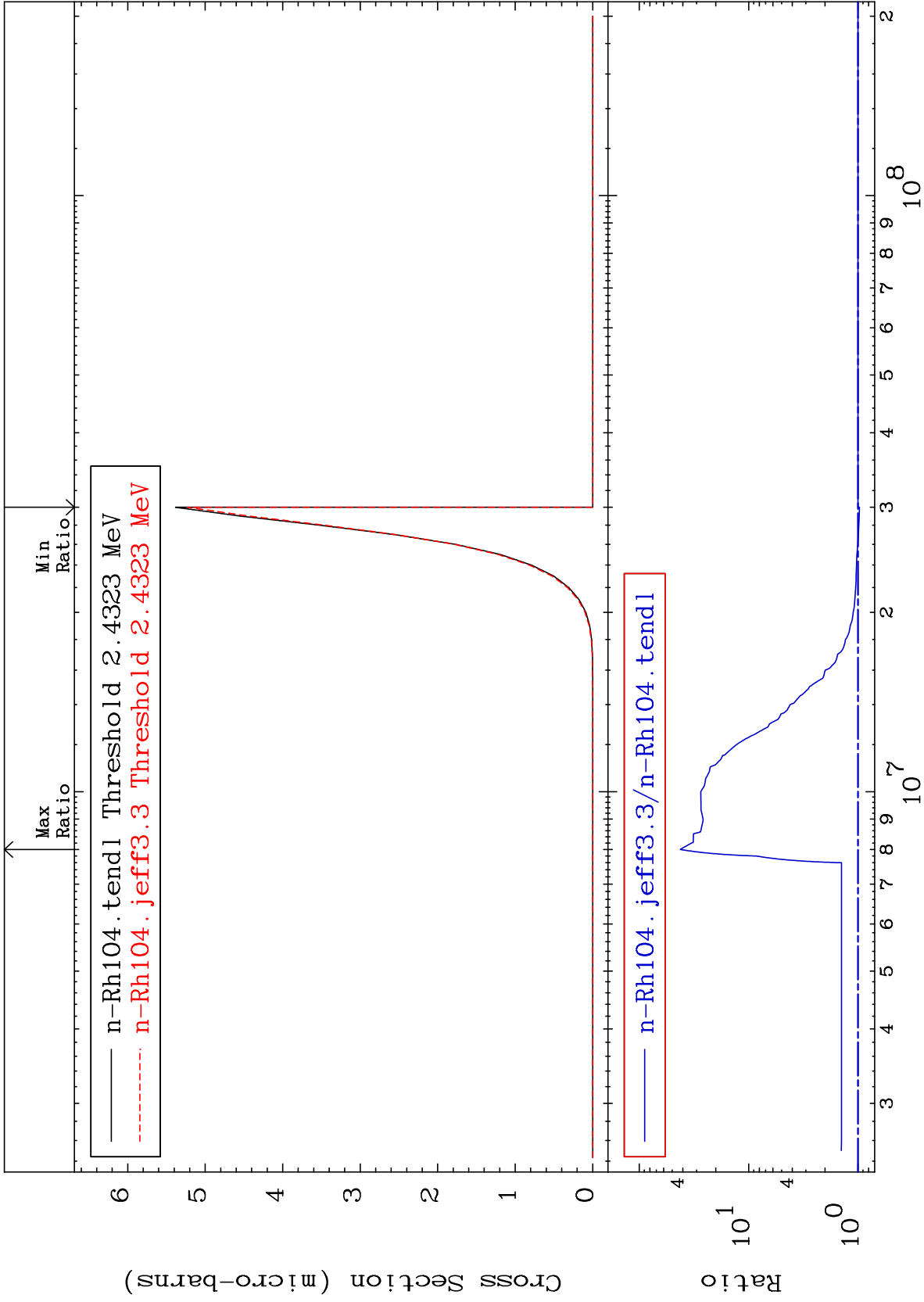
To 236.2 %



54

Incident Energy (eV)

45-Rh-104



MAT 4528

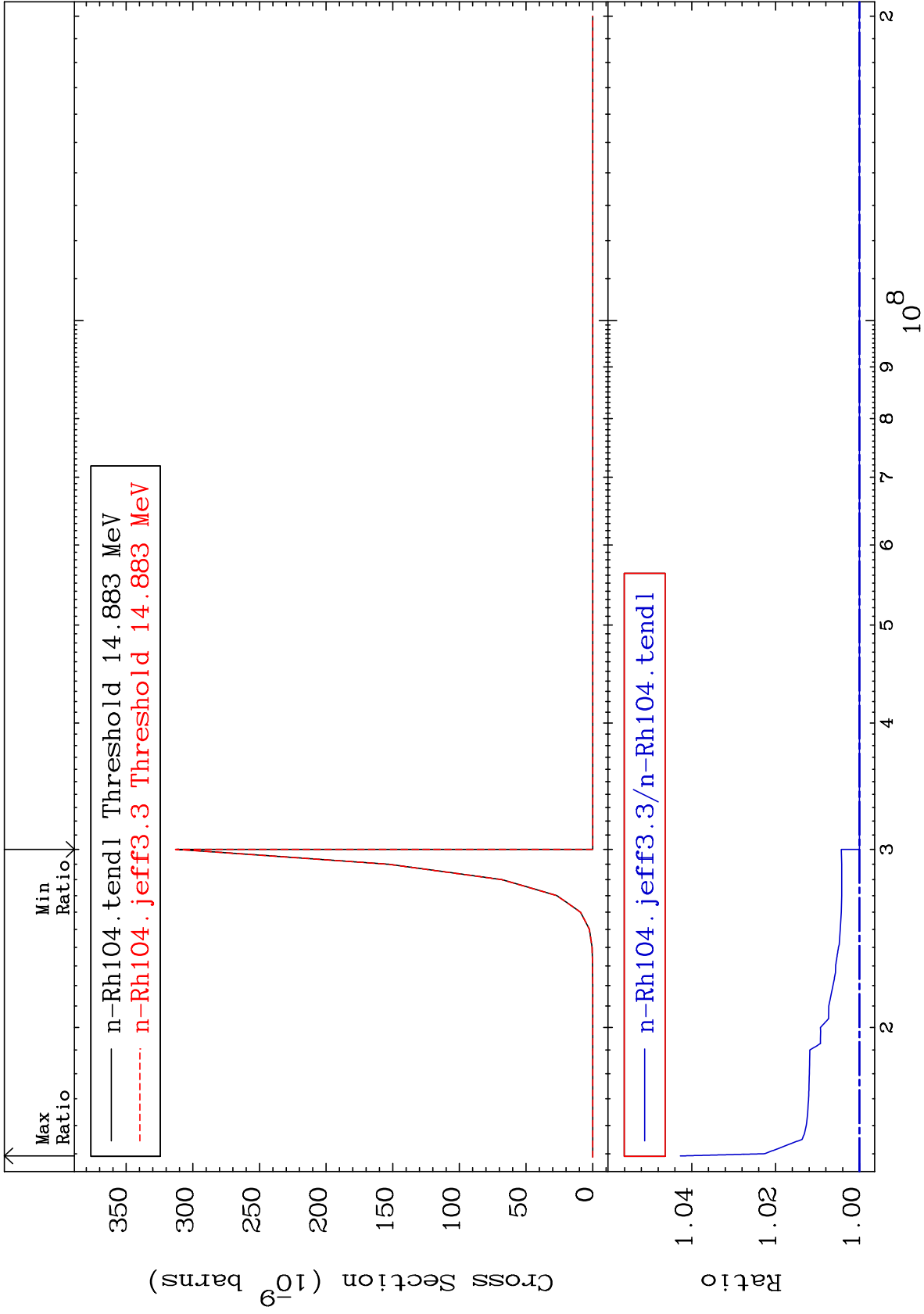
(n,p) d

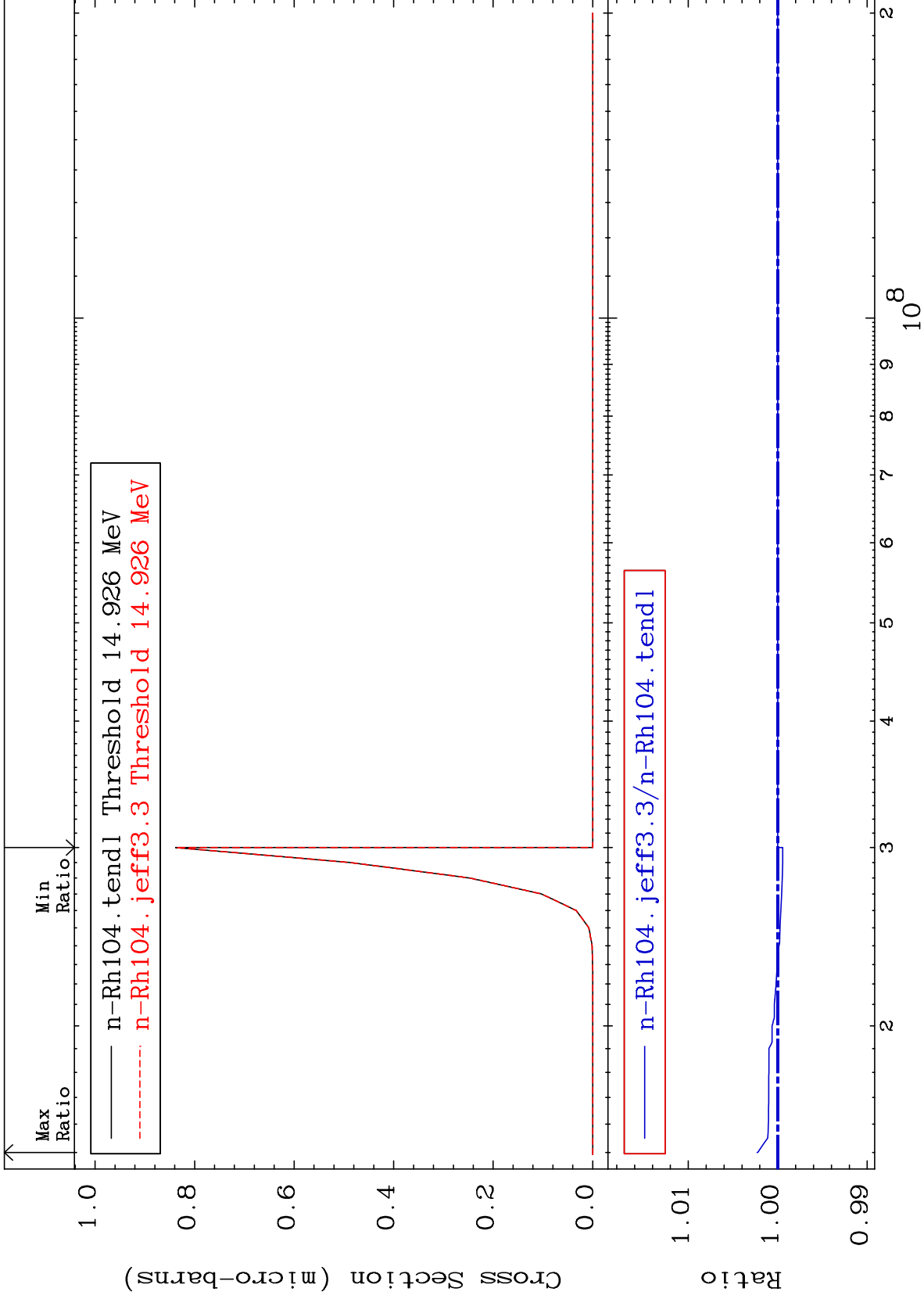
45-Rh-104

Cross Section

0.000

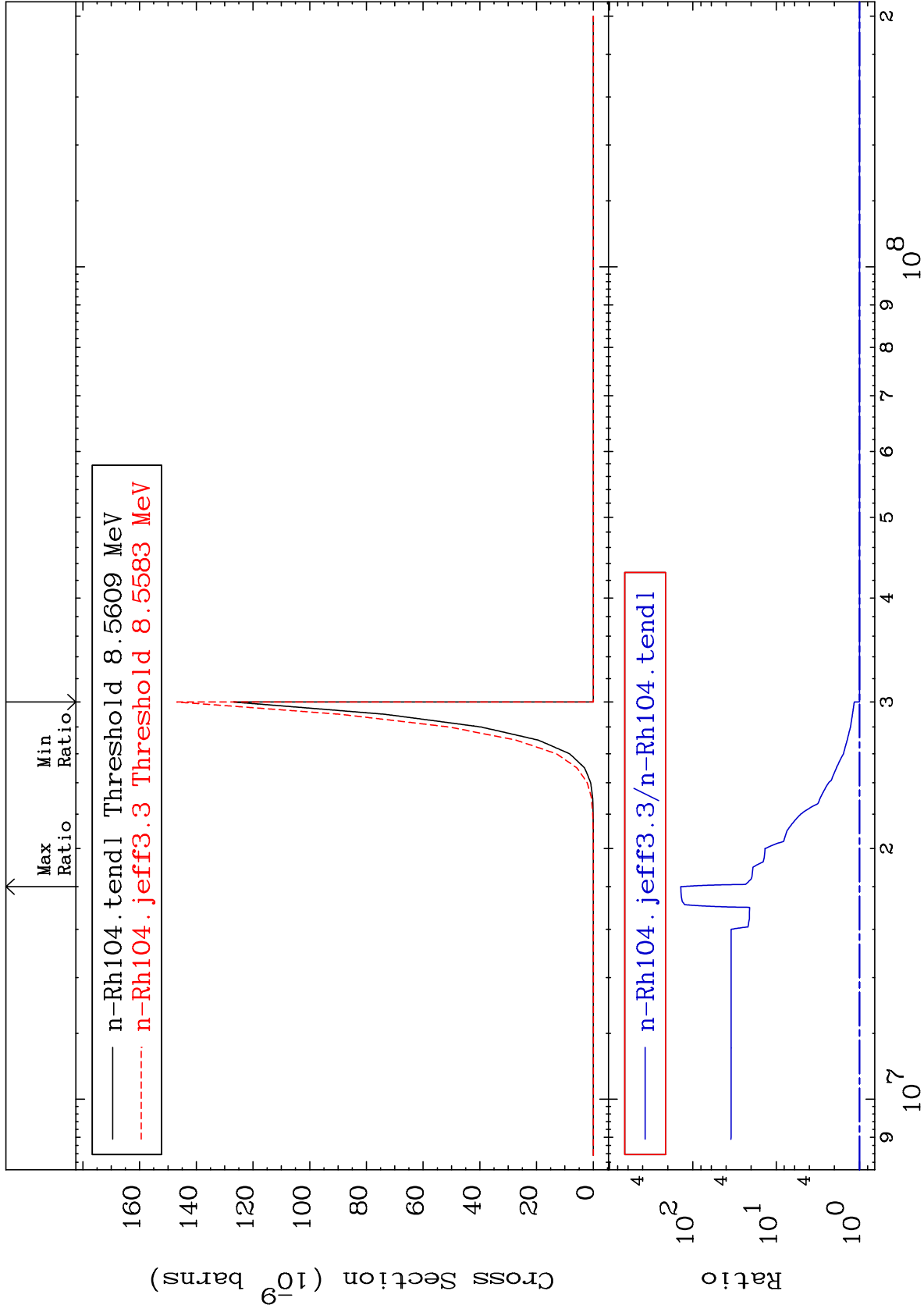
To 4.271 %





MAT 4528

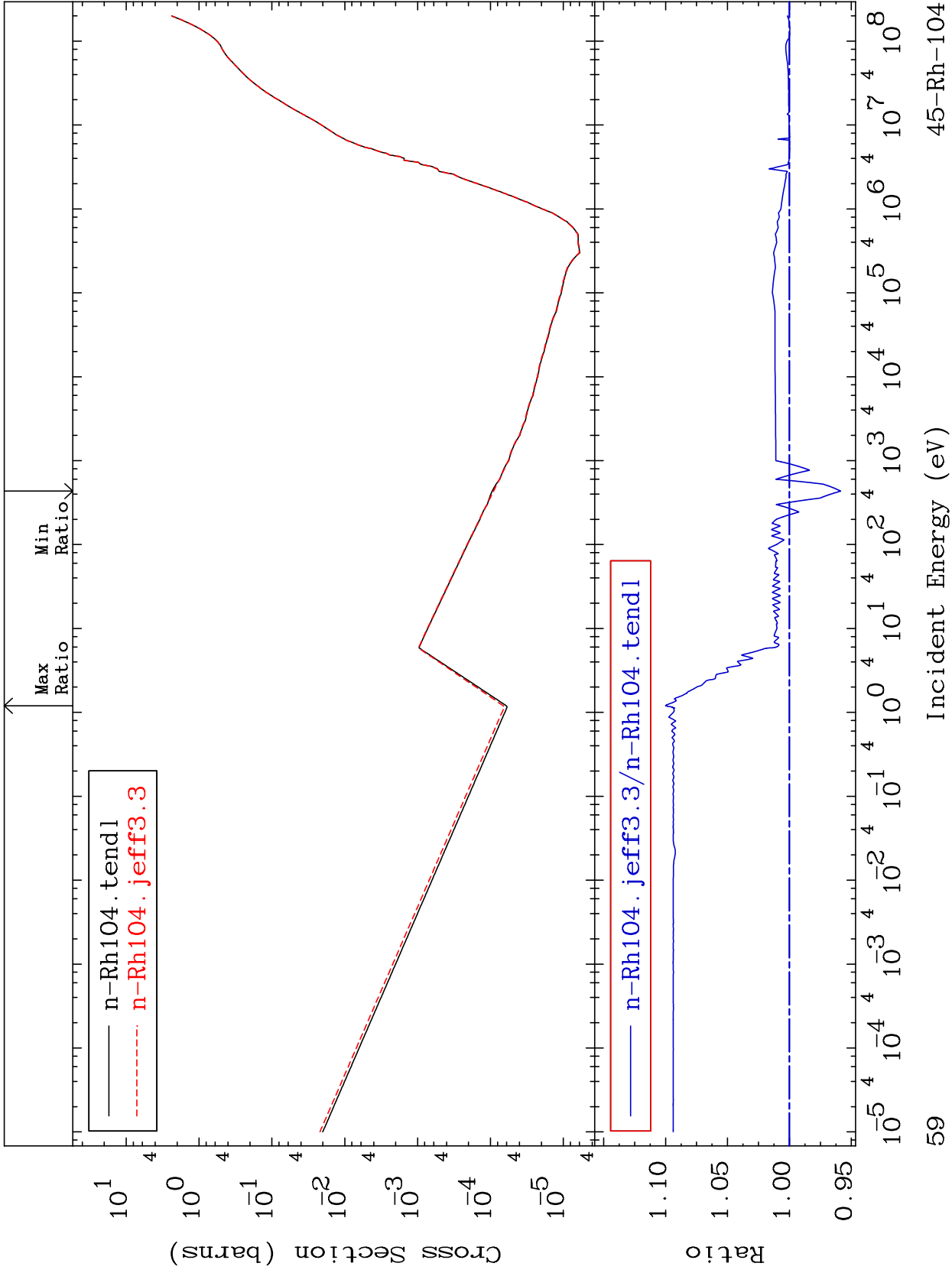
(n, d) α Cross Section
45-Rh-104
To 9999. %
0.000



58

Incident Energy (eV)

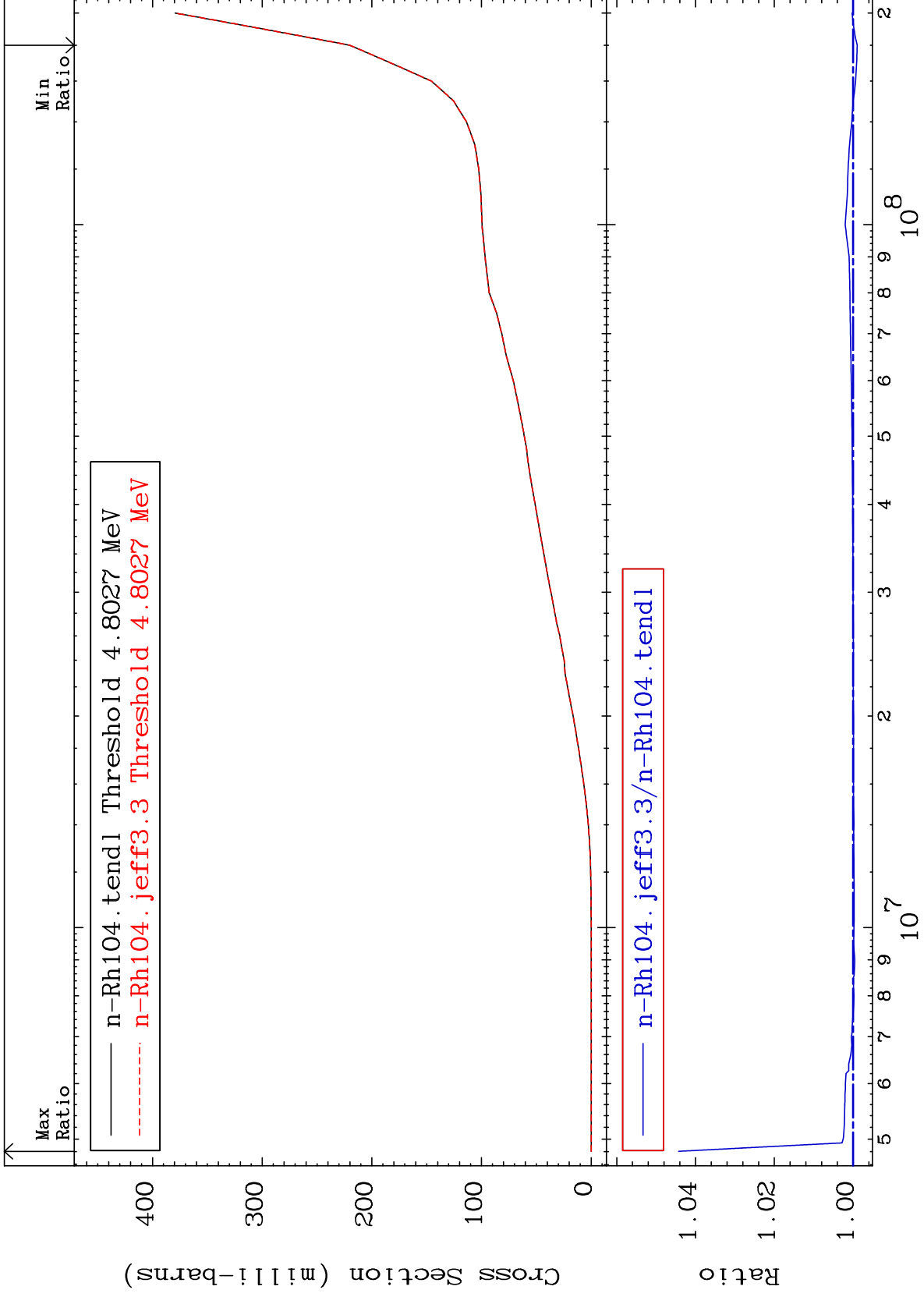
45-Rh-104



MAT 4528

Deuterium Production
Cross Section

45-Rh-104
-0.105 To 4.429 %



60

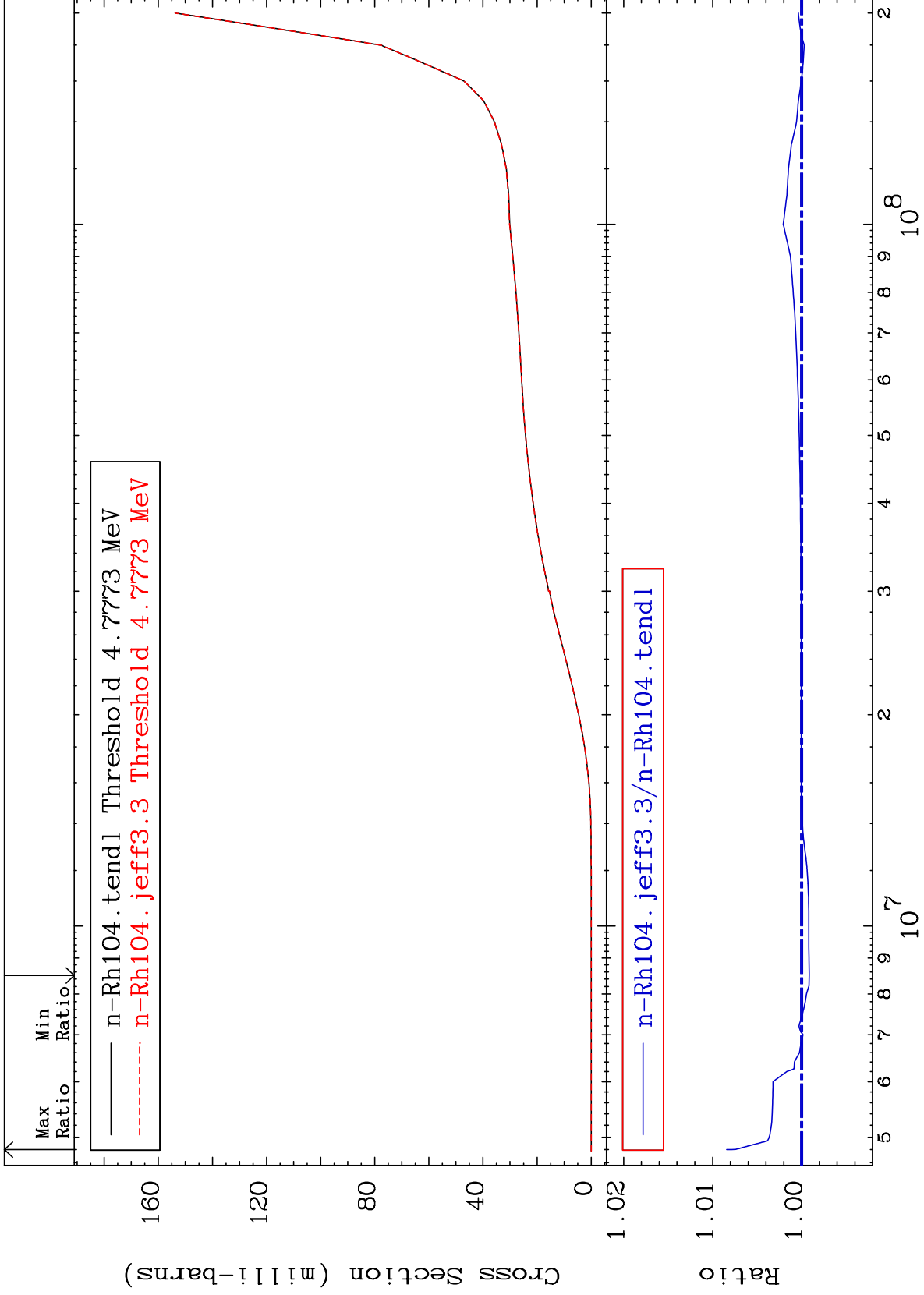
Incident Energy (eV)

45-Rh-104

MAT 4528

Tritium Production
Cross Section

45-Rh-104
-0.085 To 0.841 %



61

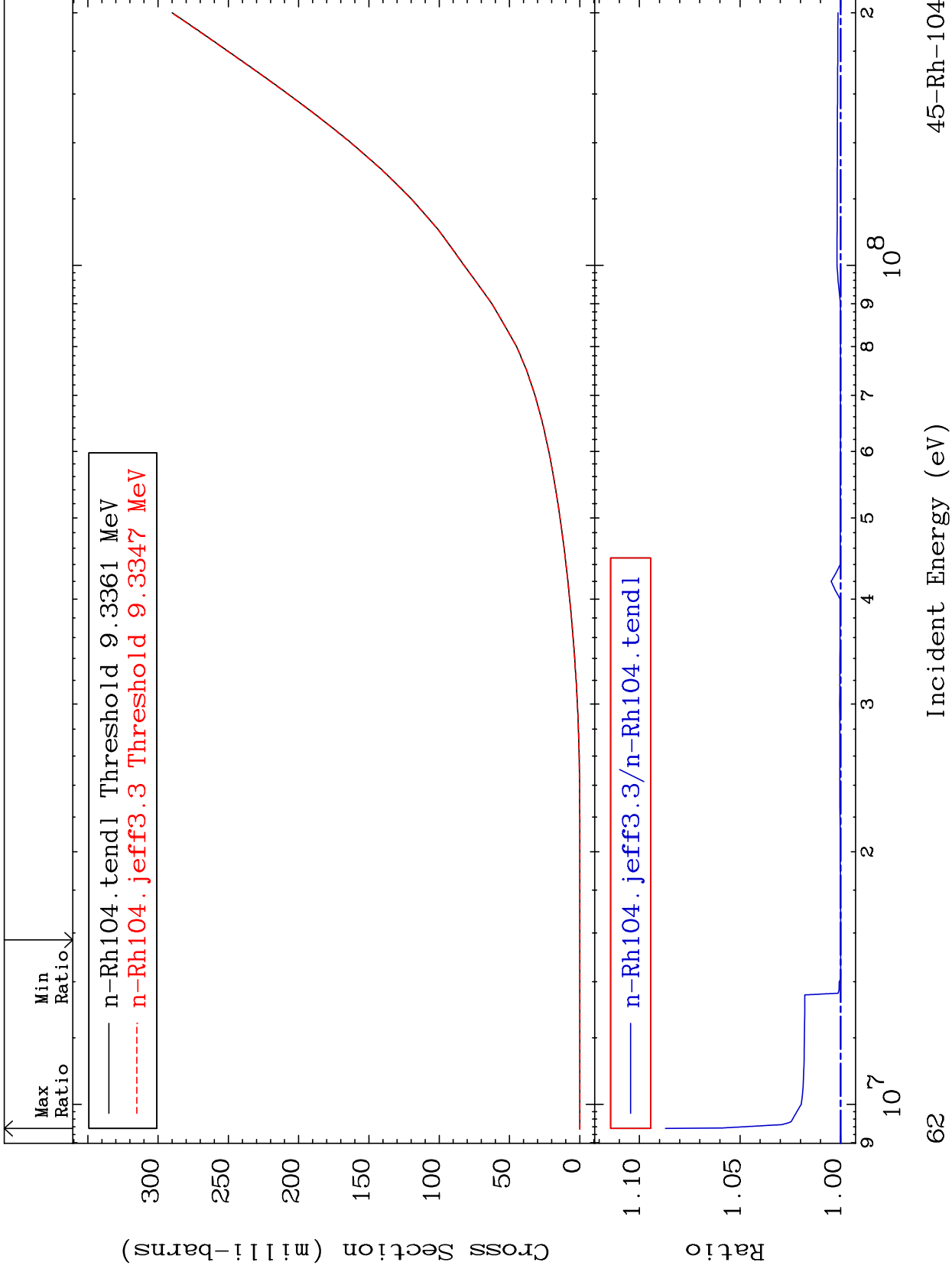
Incident Energy (eV)

45-Rh-104

MAT 4528

He-3 Production
Cross Section

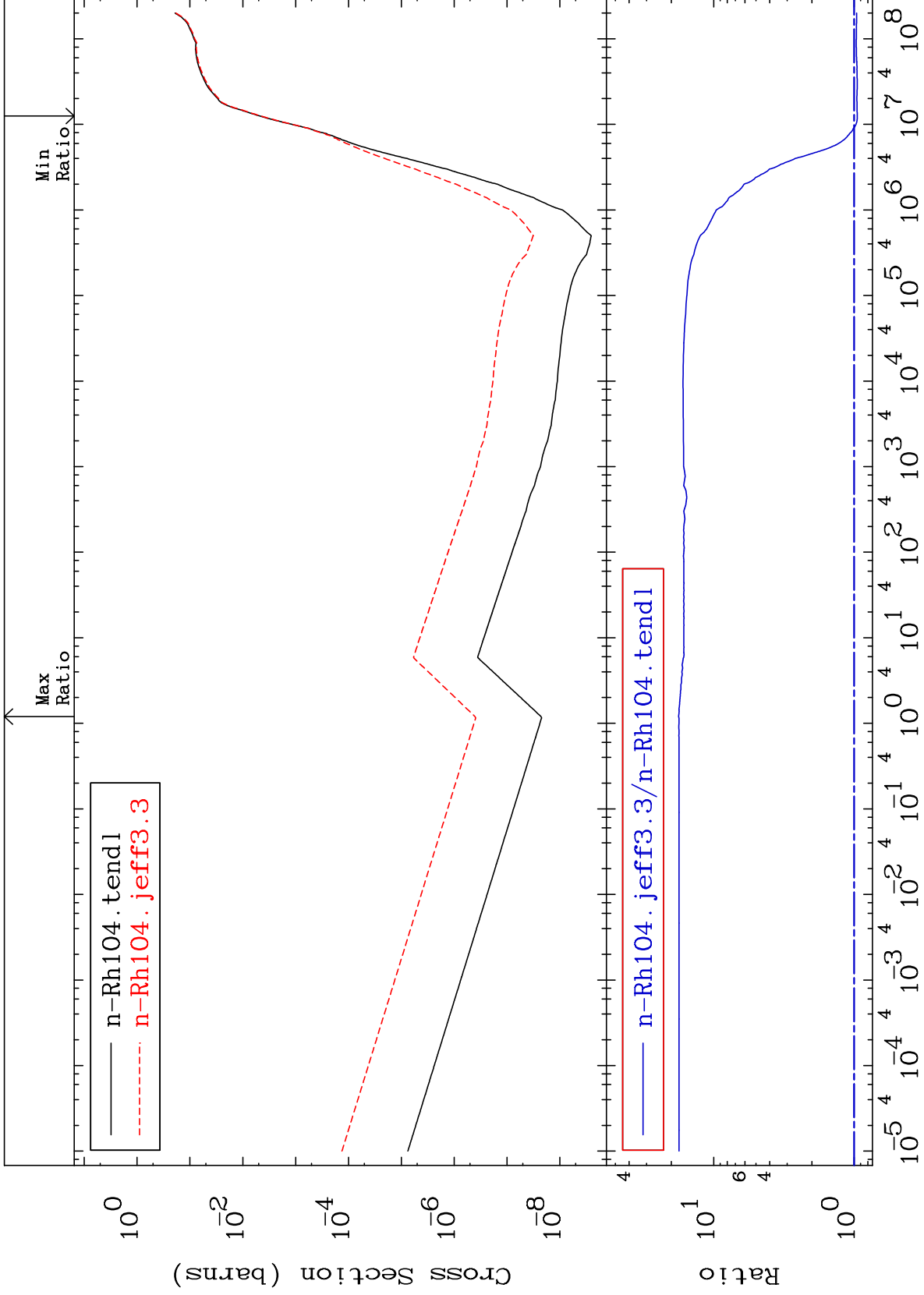
45-Rh-104
To 8.703 %



MAT 4528

He-4 Production
Cross Section

45-Rh-104
-4.850 To 1676. %



63

Incident Energy (eV)

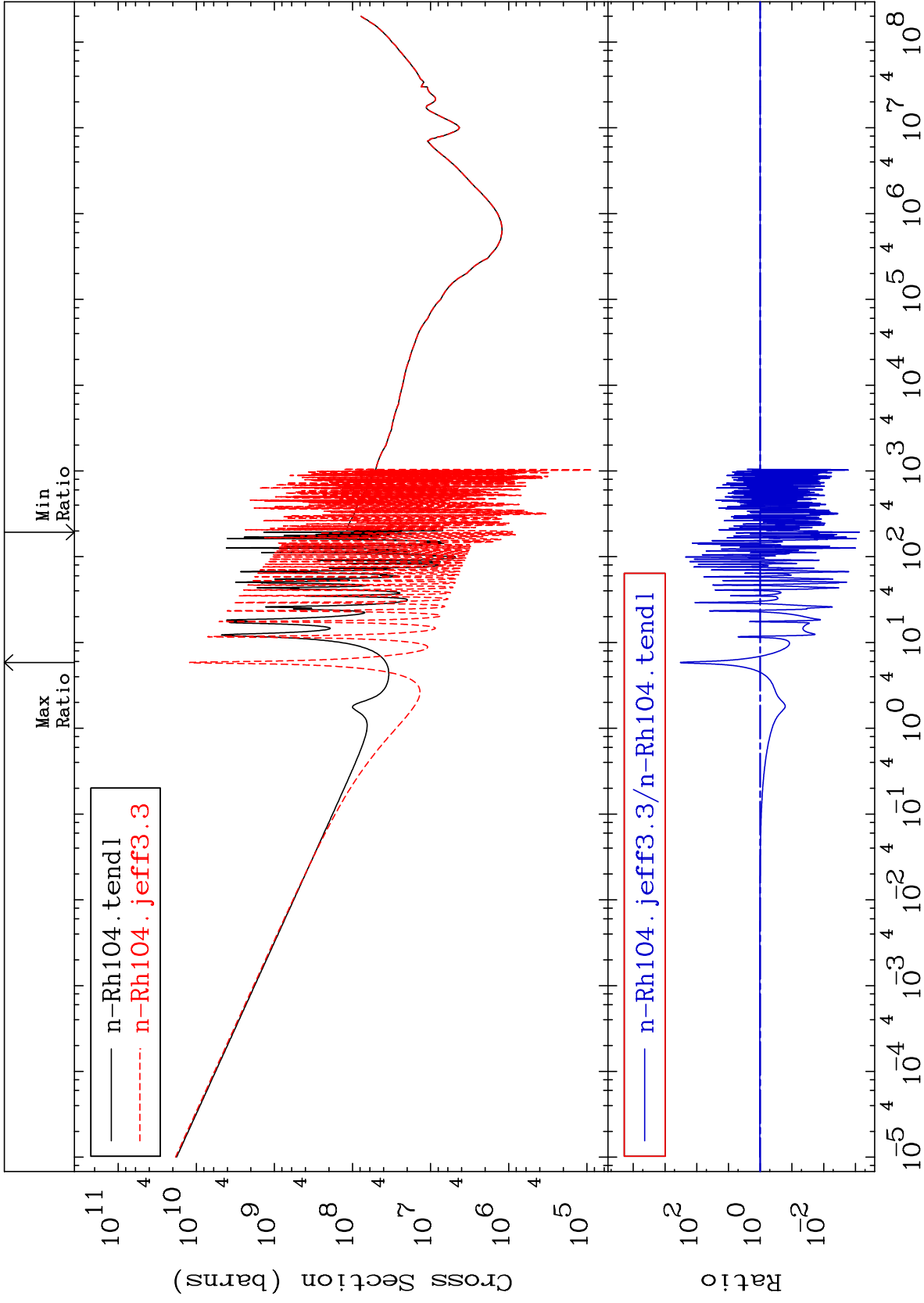
45-Rh-104

MAT 4528

Kerma total (eV-barns)

45-Rh-104

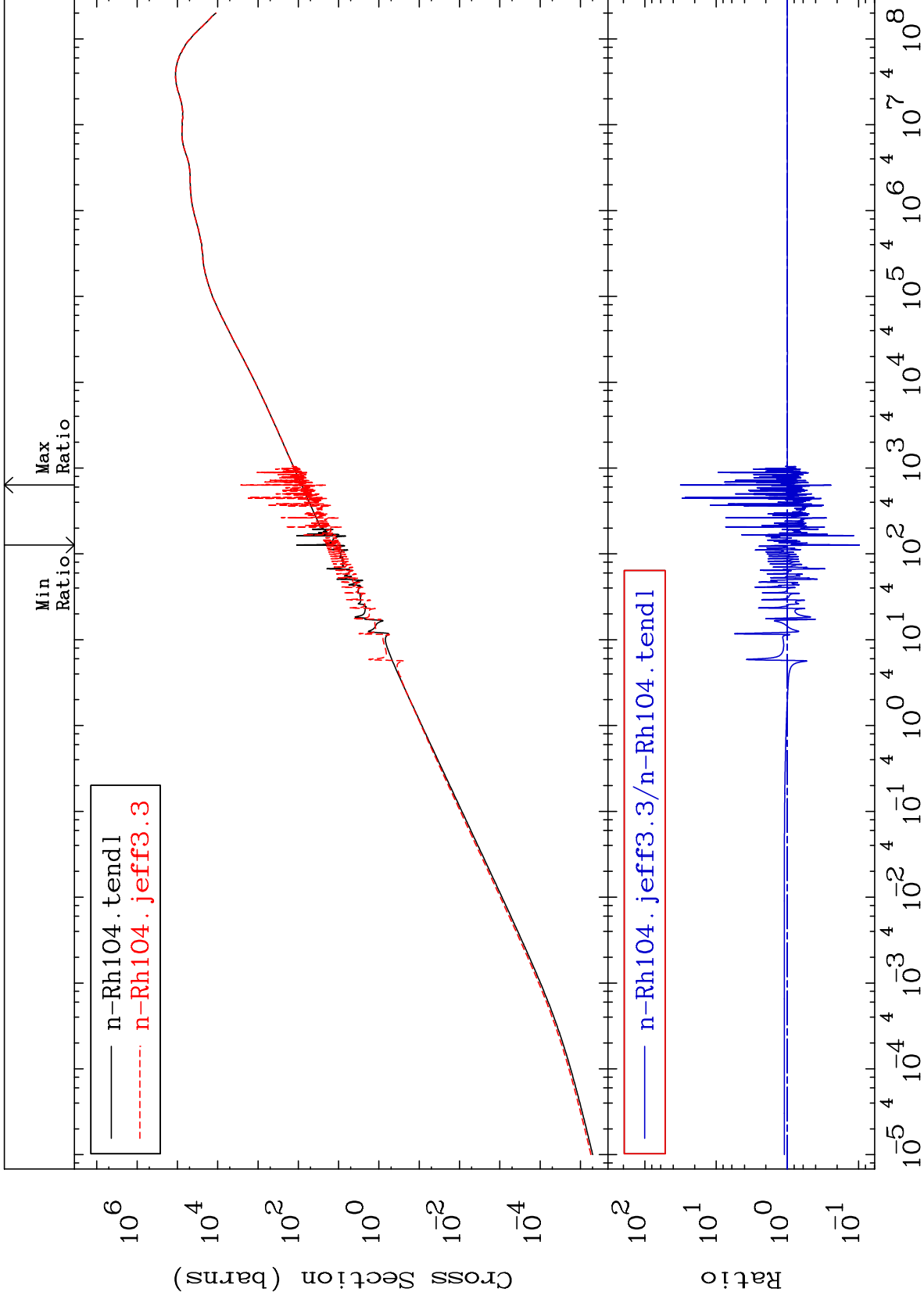
-99.93 To 9999. %



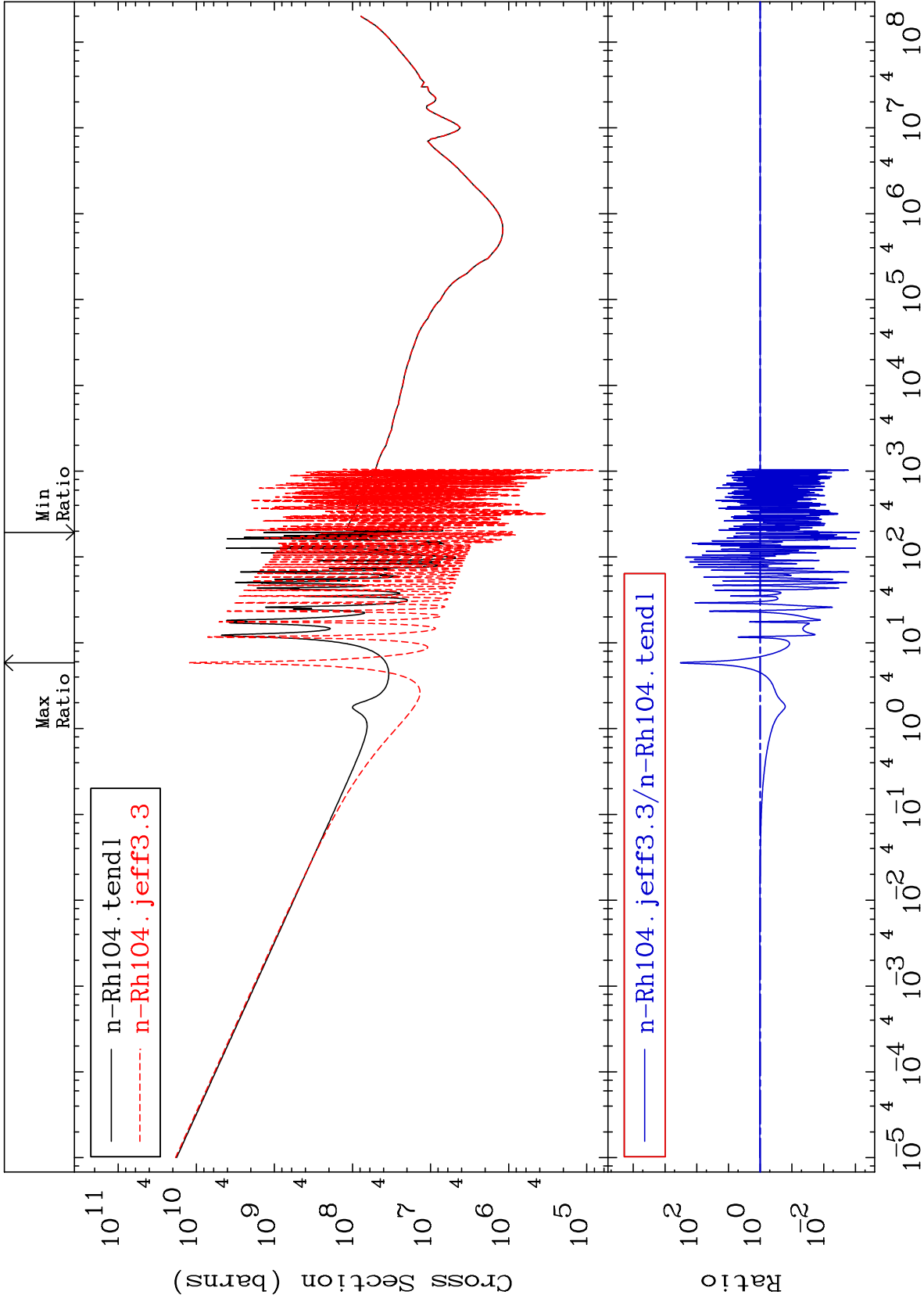
MAT 4528

Kerma elastic
Cross Section

45-Rh-104
-90.27 To 3077. %



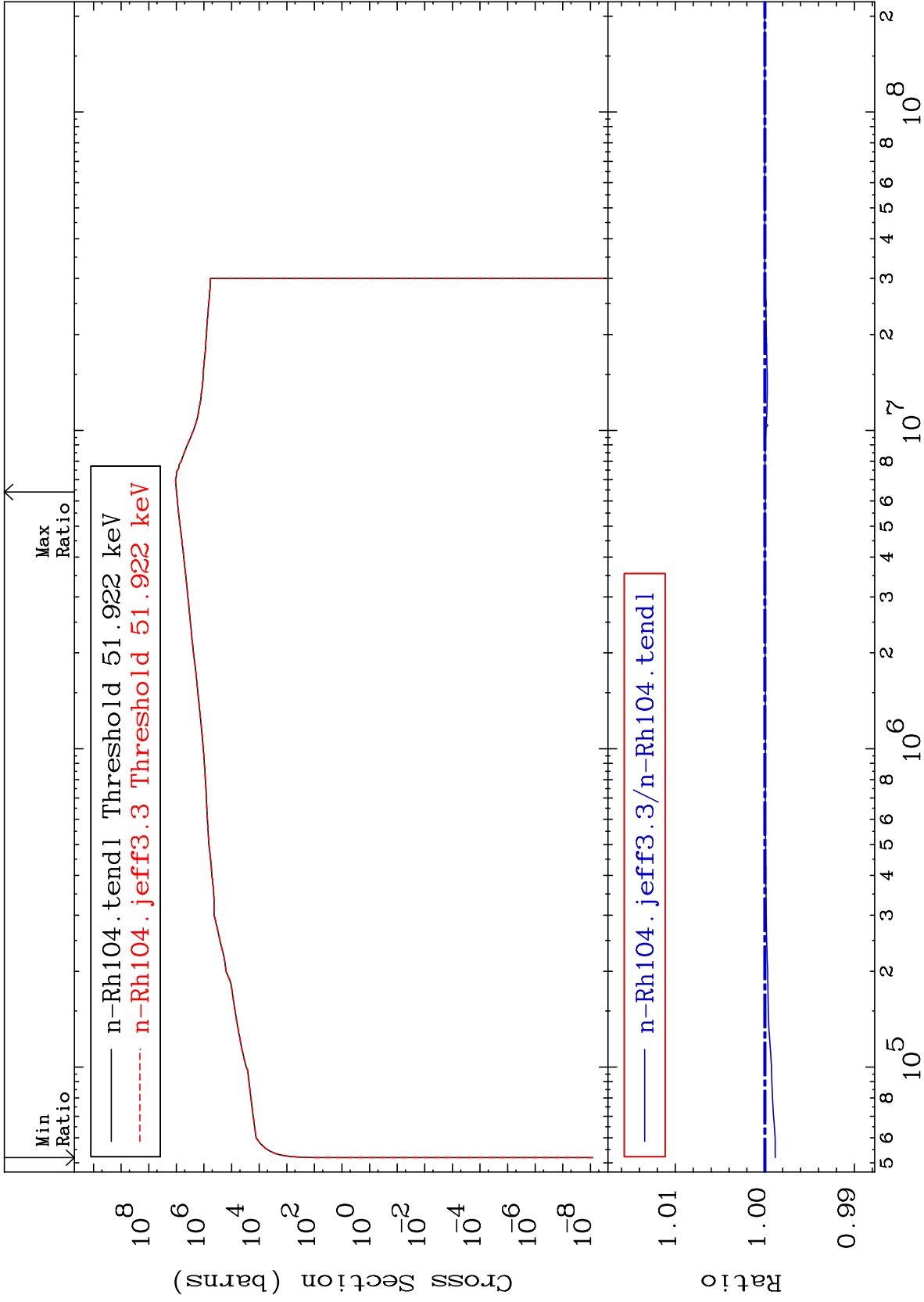
45-Rh-104

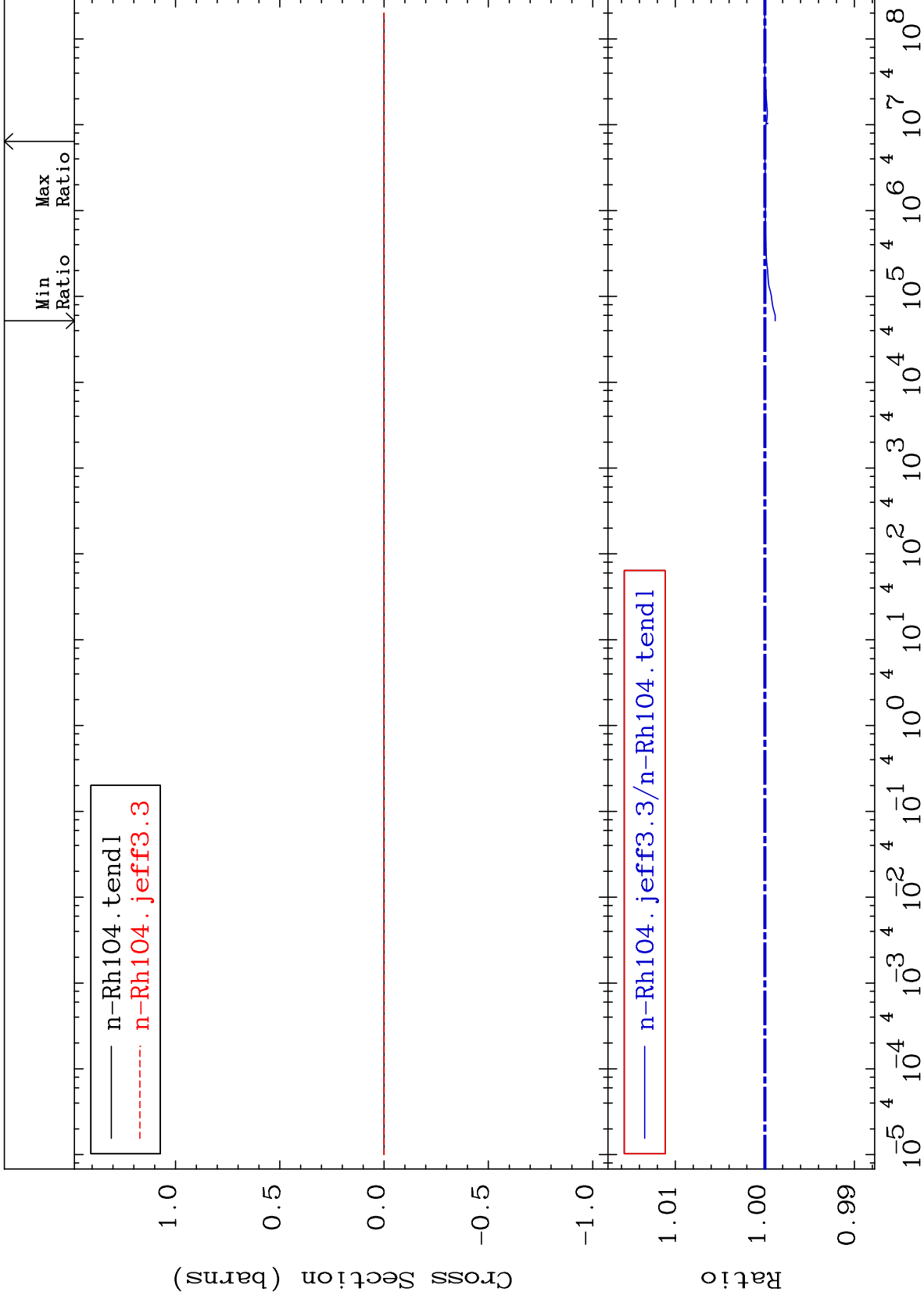


MAT 4528

Kerma inelastic (mt51-91)
Cross Section

45-Rh-104
-0.115 To 0.002 %

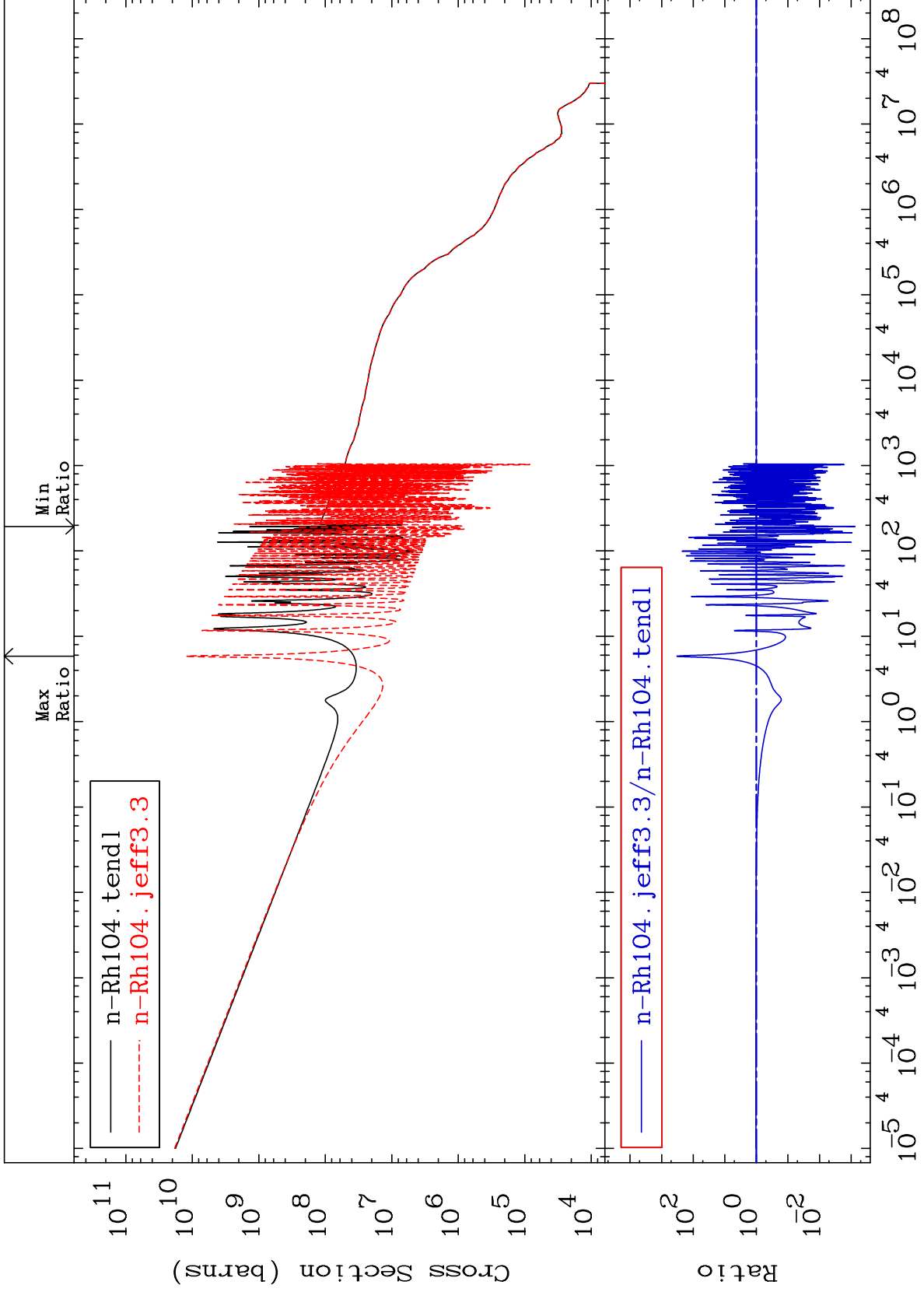




MAT 4528

Kerma capture (mt102)
Cross Section

45-Rh-104
-99.93 To 9999. %

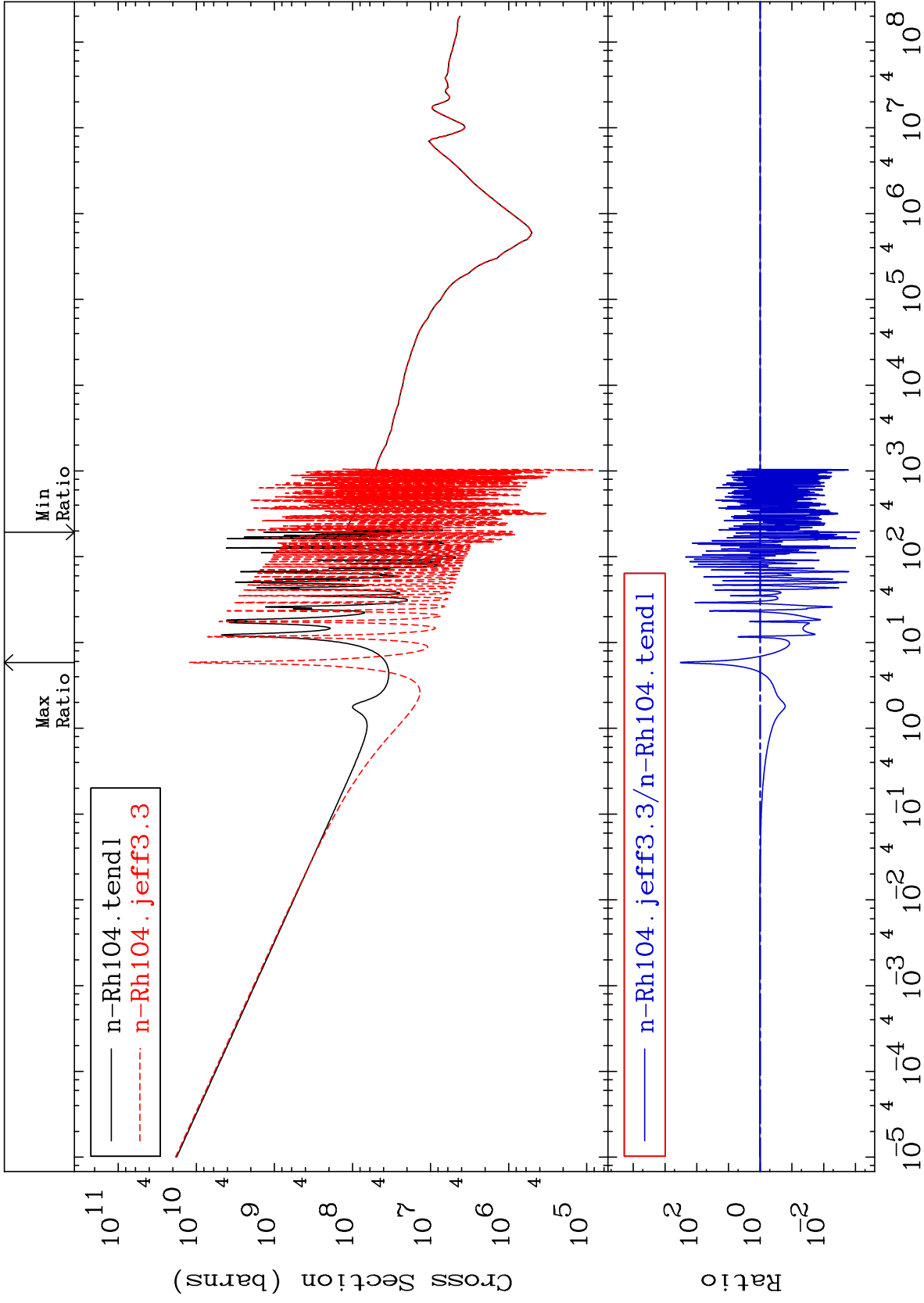


MAT 4528

Total photon (eV-barns)

45-Rh-104

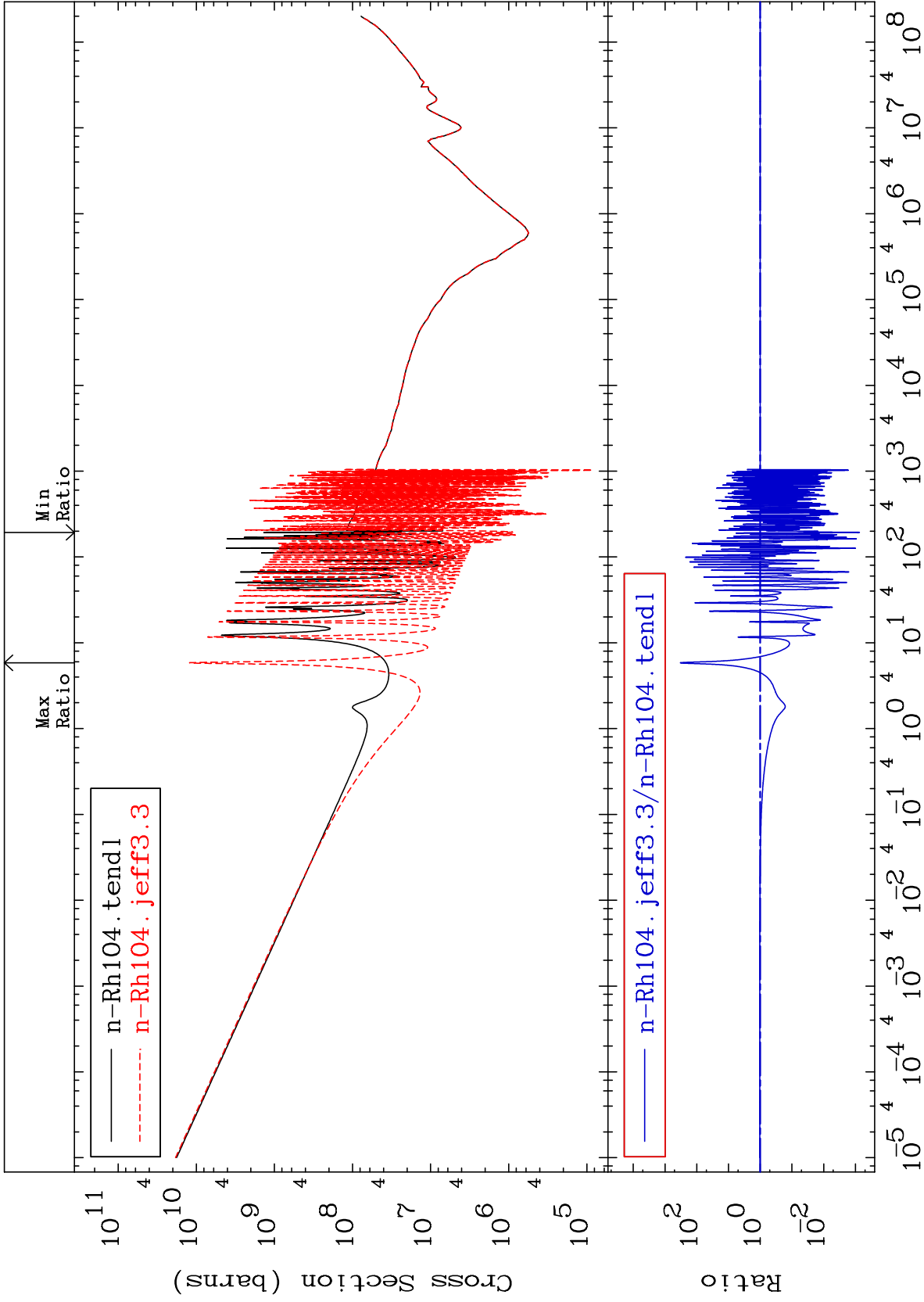
-99.93 To 9999. %



70

Incident Energy (eV)

45-Rh-104



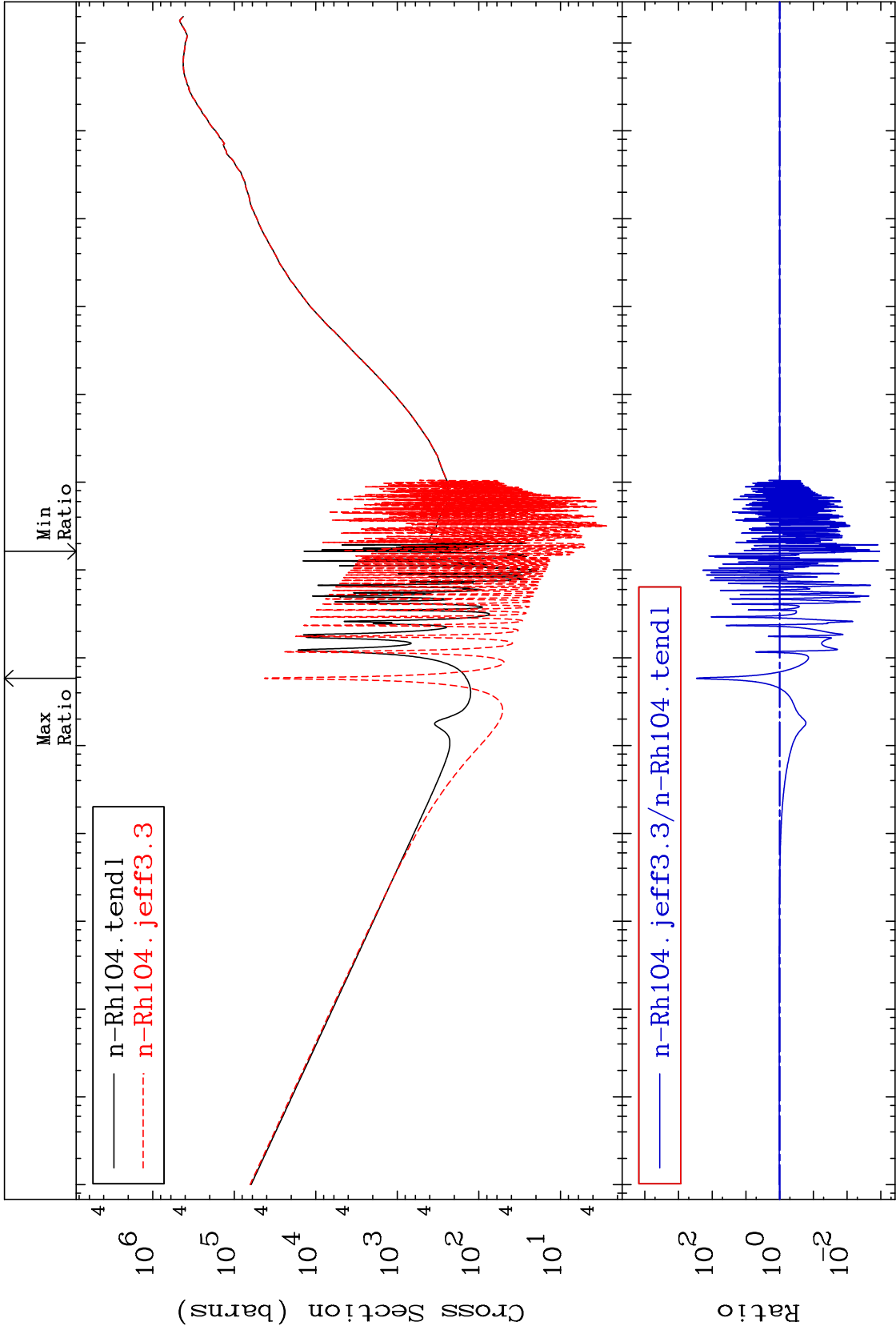
MAT 4528

Dpa total (eV-barns)

45-Rh-104

-99.89 To 9999. %

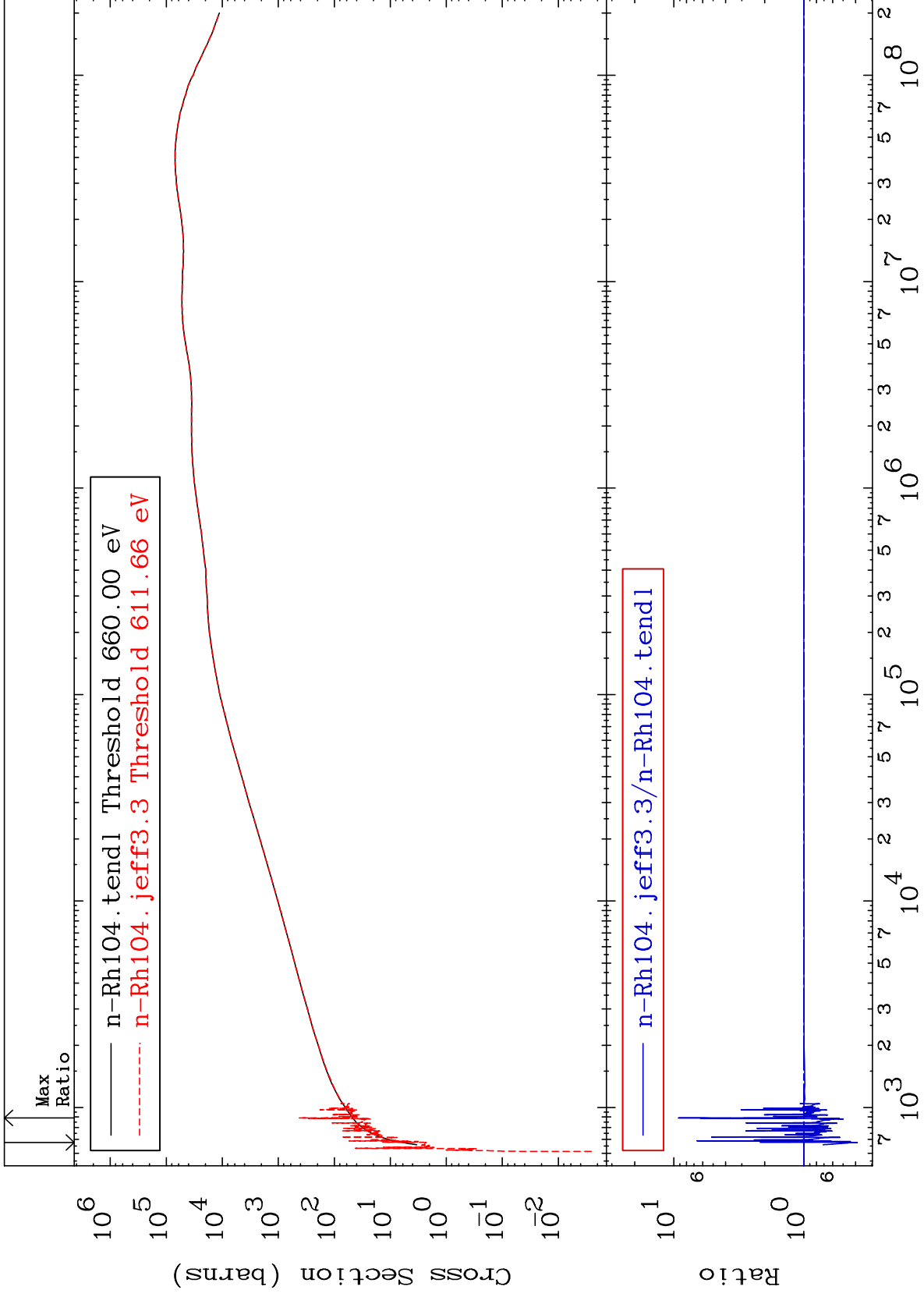
Cross Section



MAT 4528

Dpa elastic (mt2)
Cross Section

45-Rh-104
-61.14 To 819.2 %



73

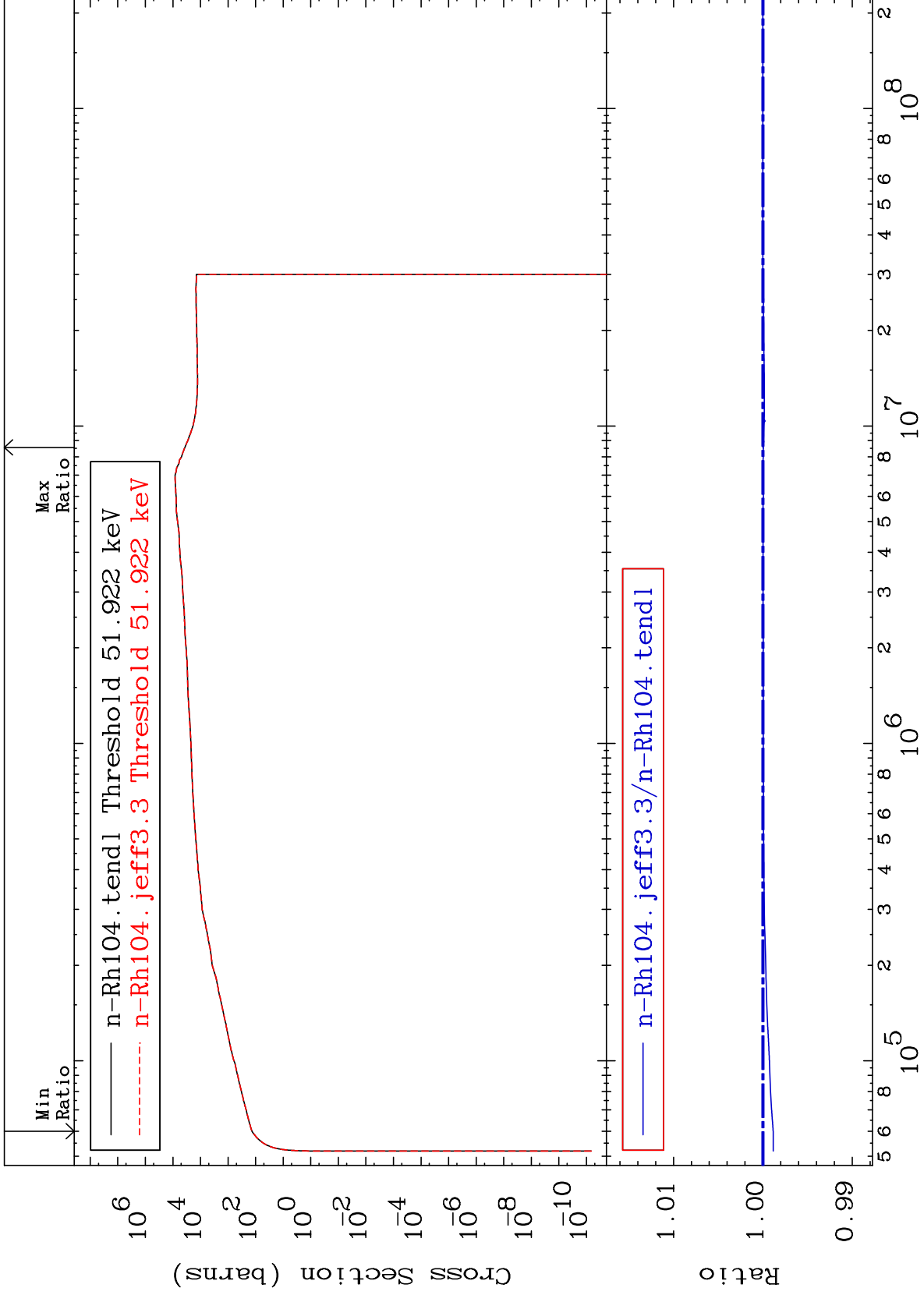
Incident Energy (eV)

45-Rh-104

MAT 4528

Dpa inelastic (mt51-91)
Cross Section

45-Rh-104
-0.115 To 0.001 %

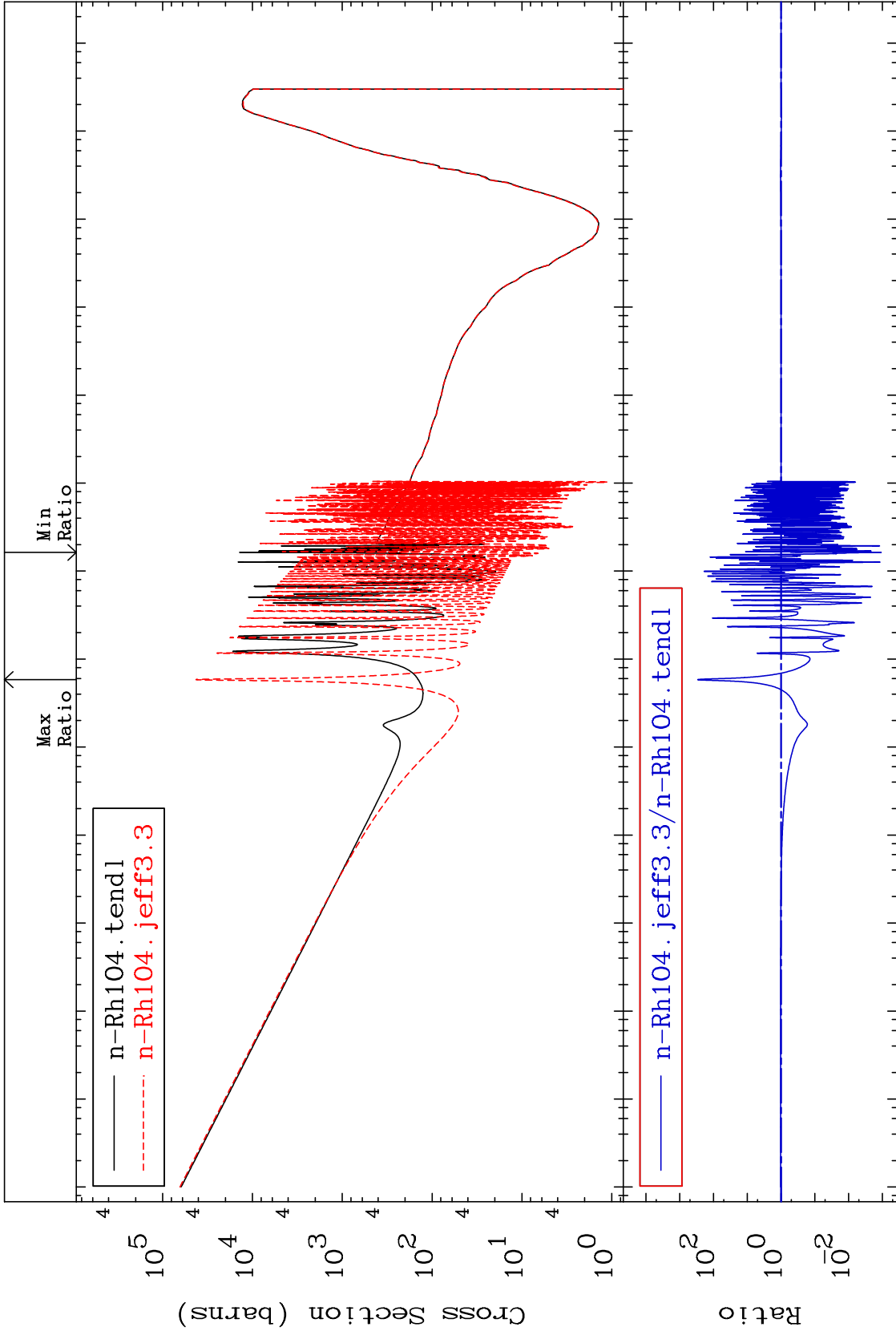


MAT 4528

Dpa disappearance (mt102 -120)

45-Rh-104

-99.89 To 9999. %



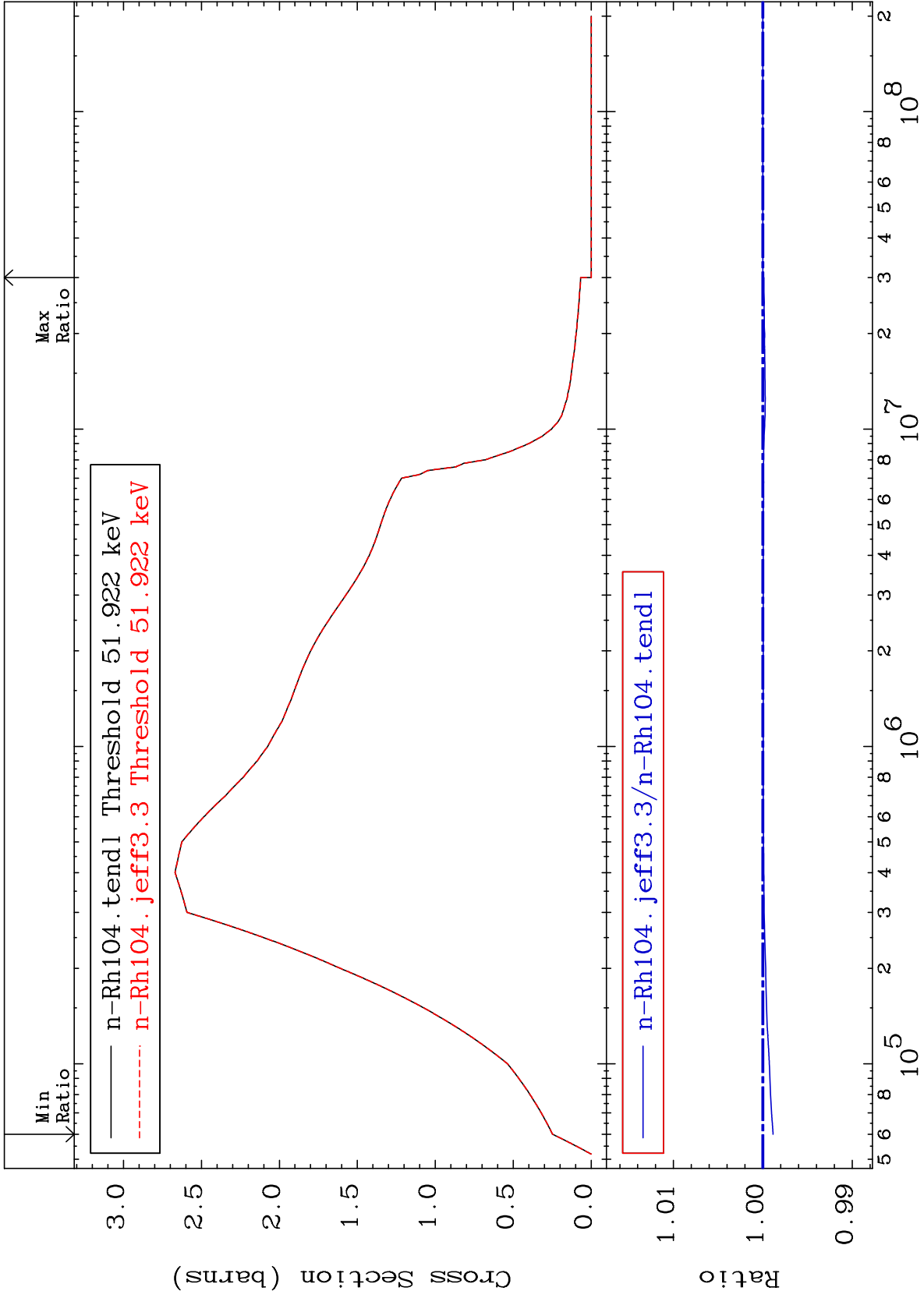
75

Incident Energy (eV)

45-Rh-104

MAT 4528

Inelastic: 45-Rh-104
Radionuclide Production Cross Section -0.115 To 0.000 %



76

Incident Energy (eV)

45-Rh-104

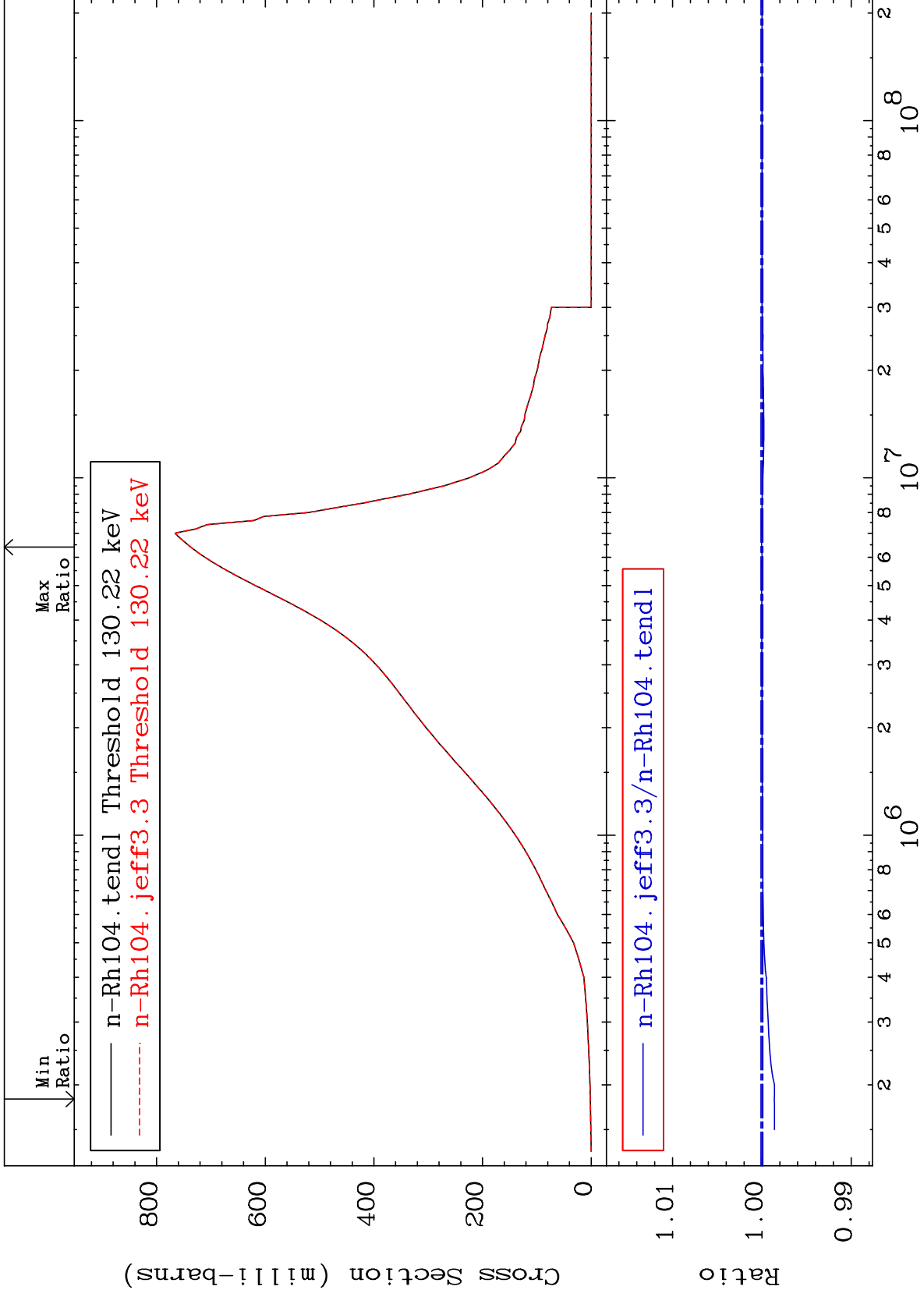
MAT 4528

Inelastic: 45-Rh-104m3

45-Rh-104

Radionuclide Production Cross Section

-0.139 To 0.004 %



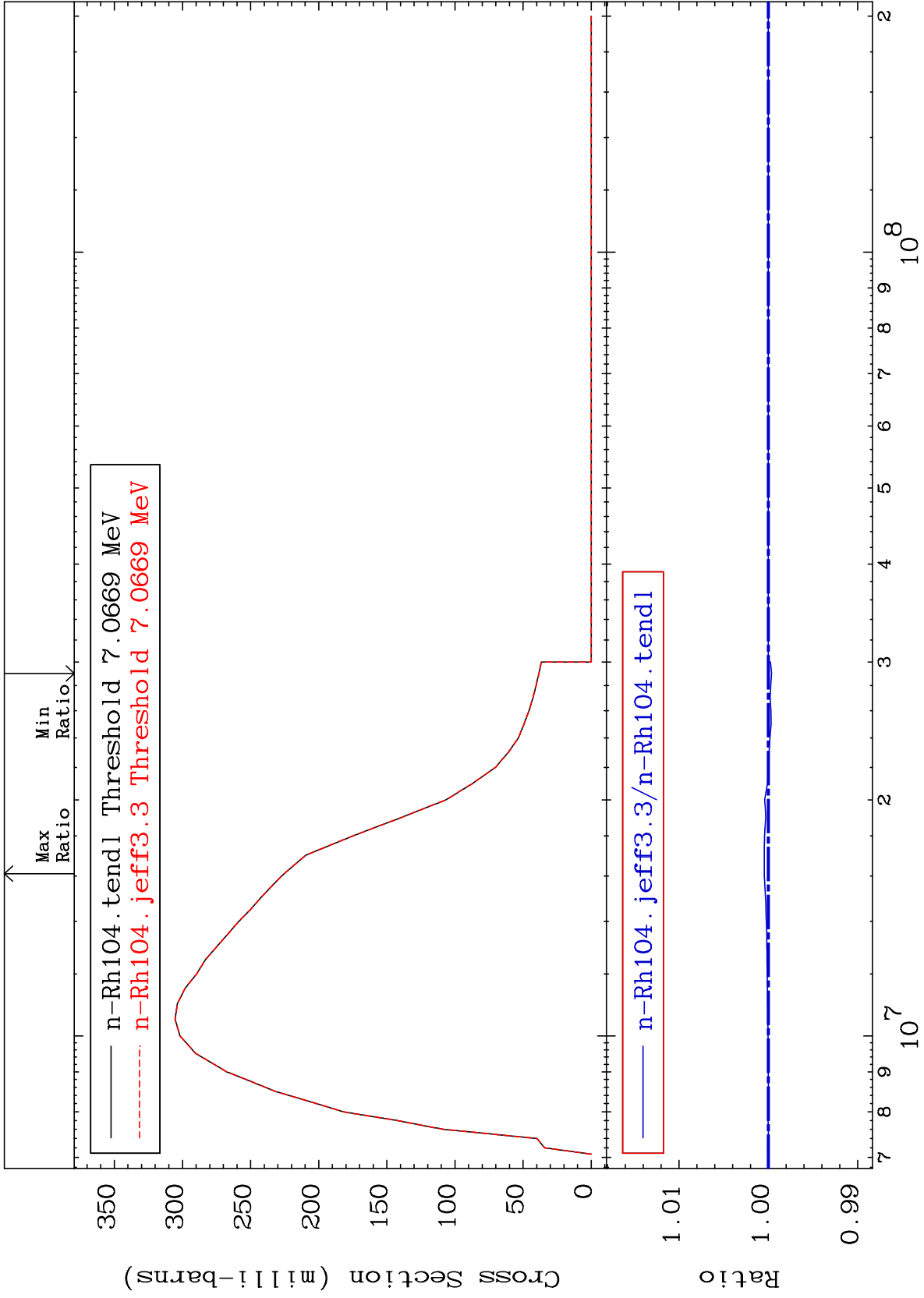
77

Incident Energy (eV)

45-Rh-104

MAT 4528

(n,2n):45-Rh-103g 45-Rh-104
Radionuclide Production Cross Section -0.037 To 0.045 %



78

Incident Energy (eV)

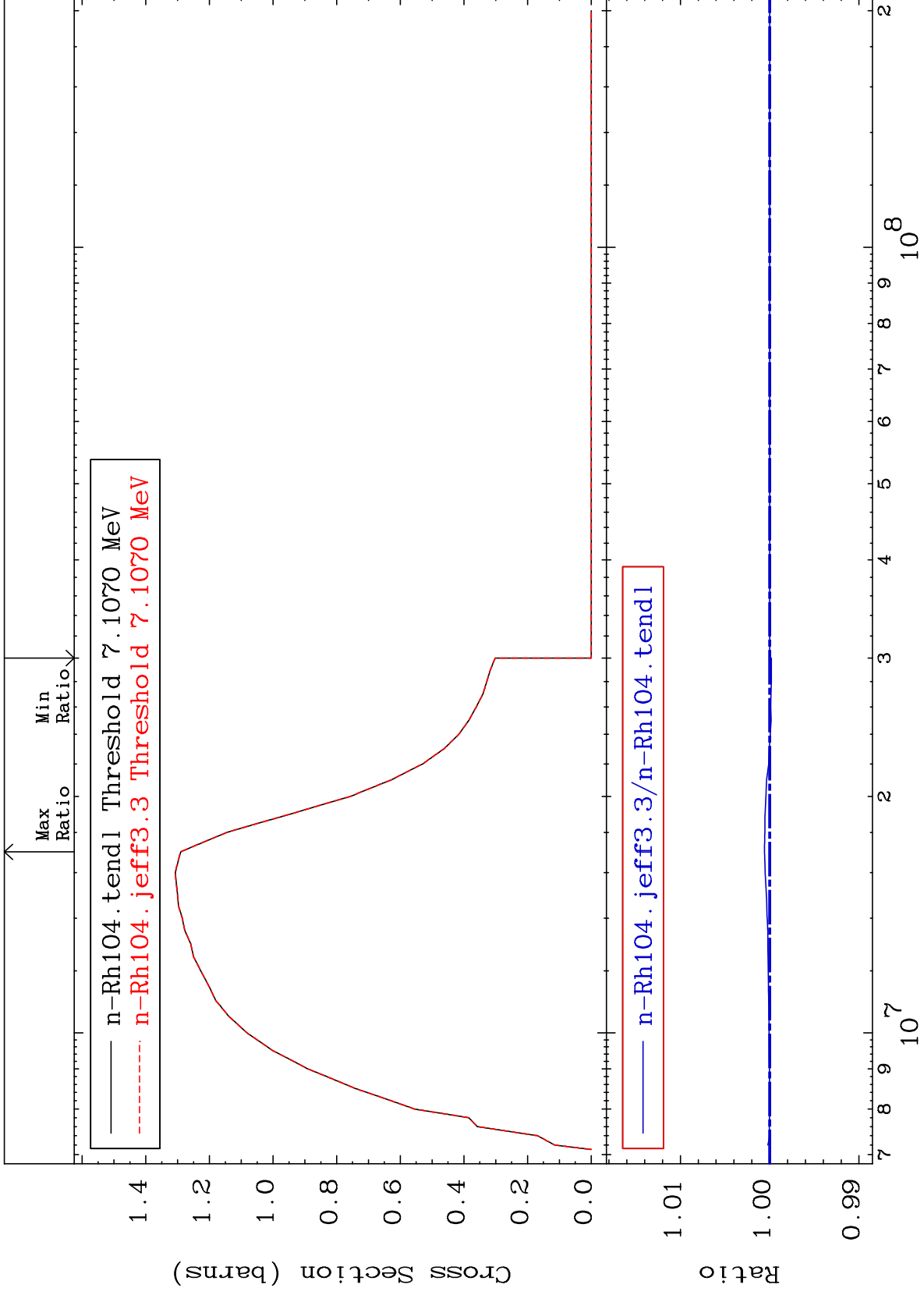
45-Rh-104

MAT 4528

(n,2n) : 45-Rh-103m1

45-Rh-104

Radionuclide Production Cross Section -0.020 To 0.059 %



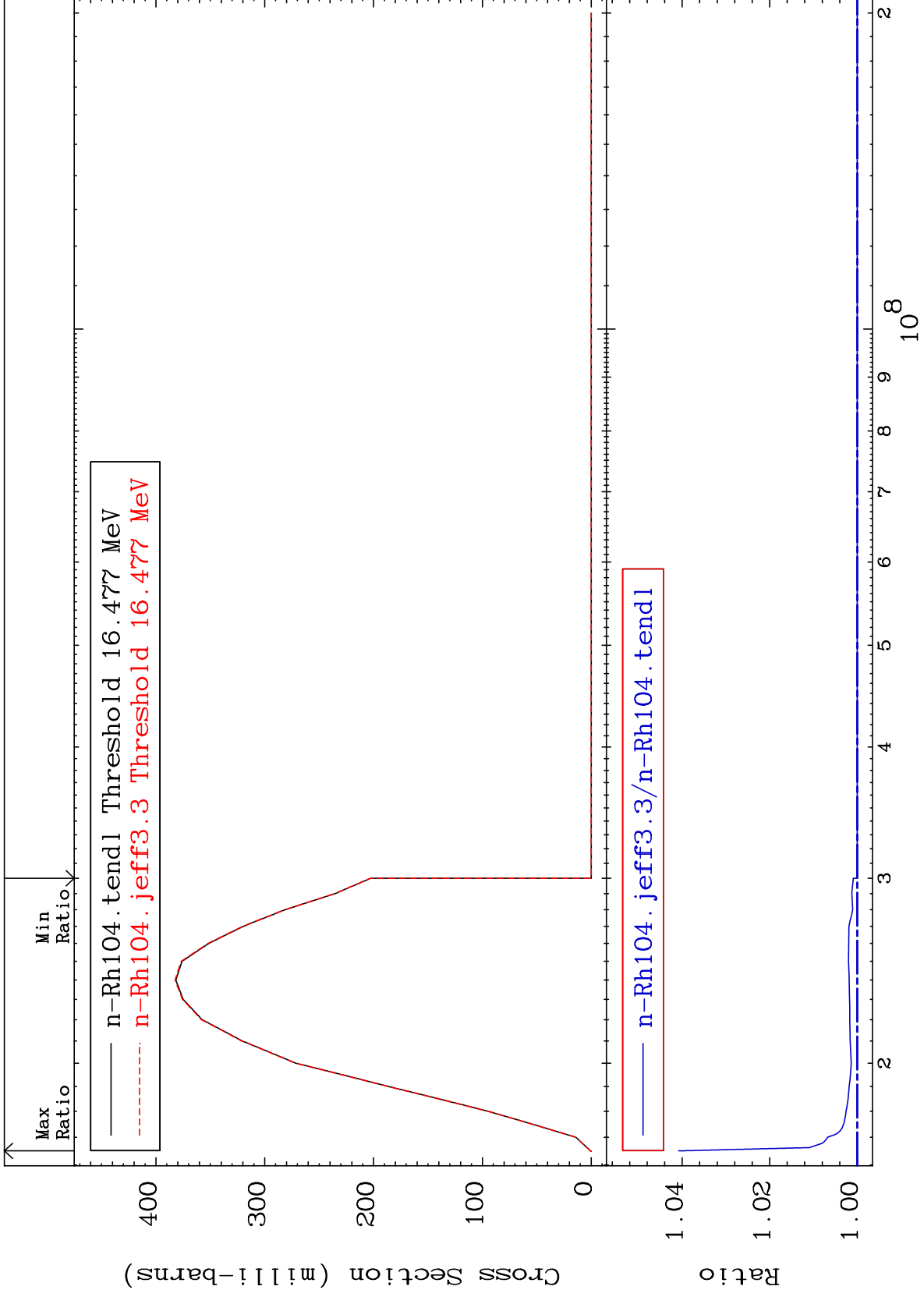
79

Incident Energy (eV)

45-Rh-104

MAT 4528

(n,3n):45-Rh-102g 45-Rh-104
Radionuclide Production Cross Section 0.000 To 4.081 %



80

45-Rh-104

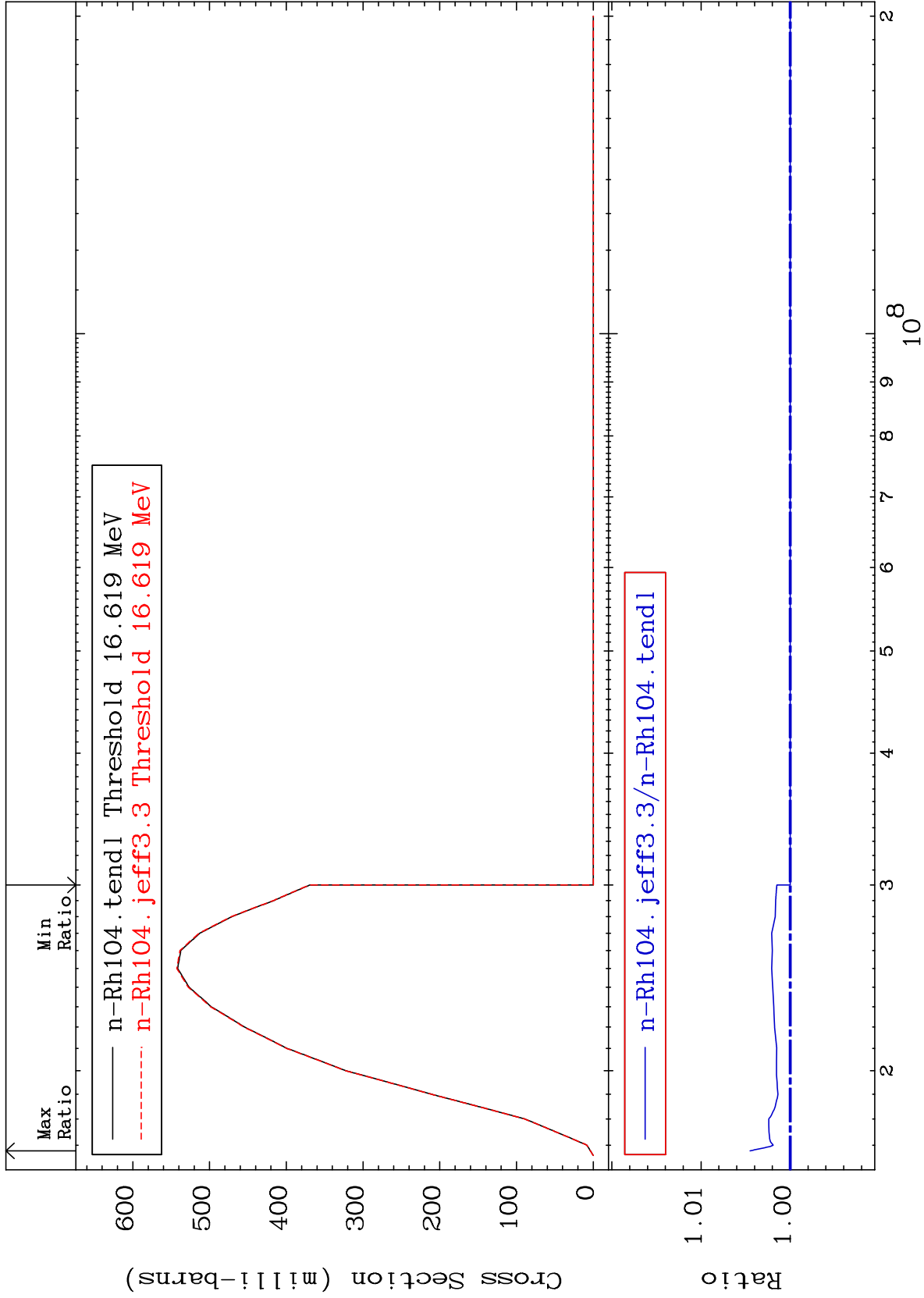
45-Rh-104

MAT 4528

(n, 3n) : 45-Rh-102m5

45-Rh-104

Radionuclide Production Cross Section 0.000 To 0.450 %

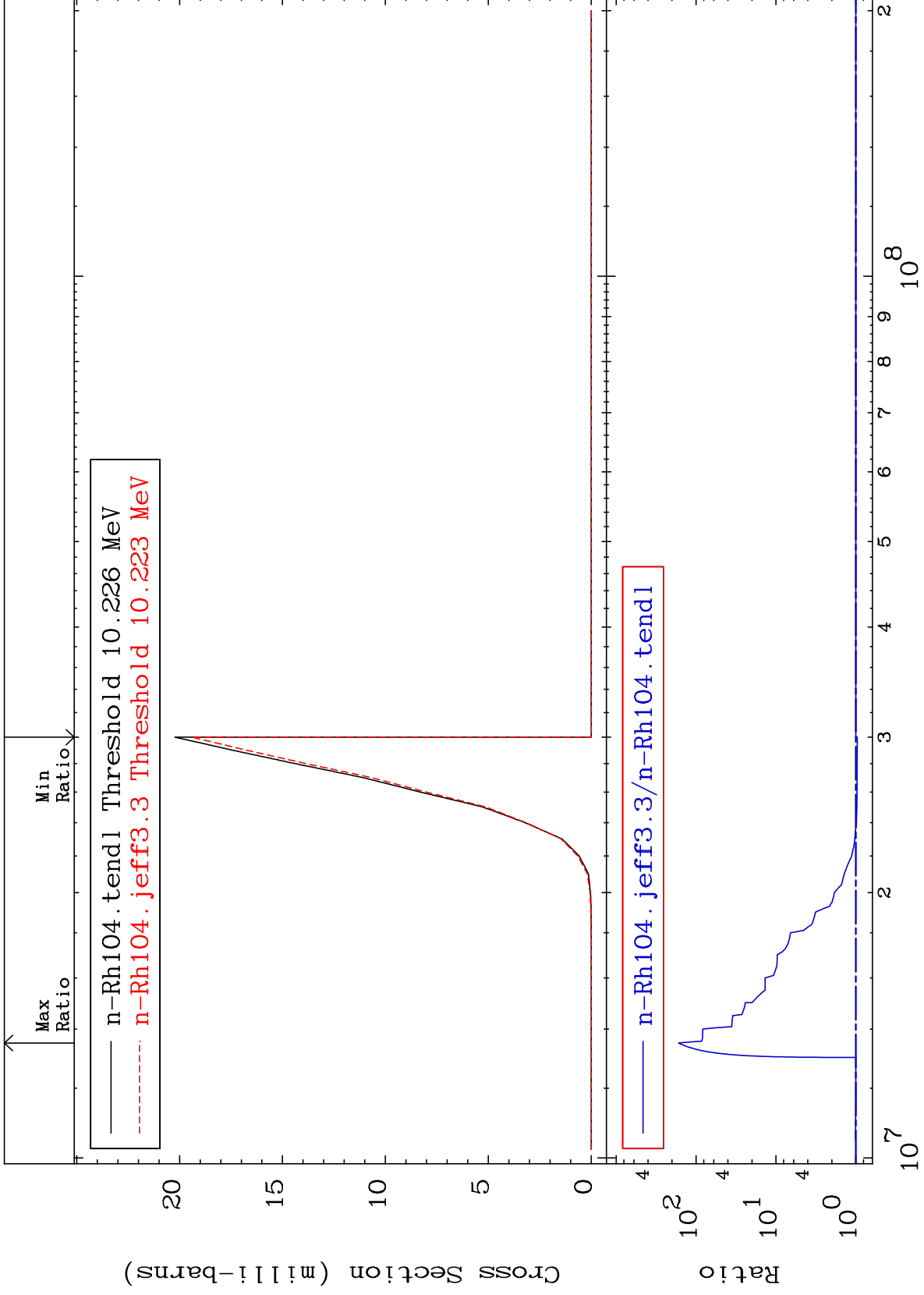


MAT 4528

(n,2n) α :43-Tc-99g

45-Rh-104

Radionuclide Production Cross Section -4.035 To 9999. %



82

Incident Energy (eV)

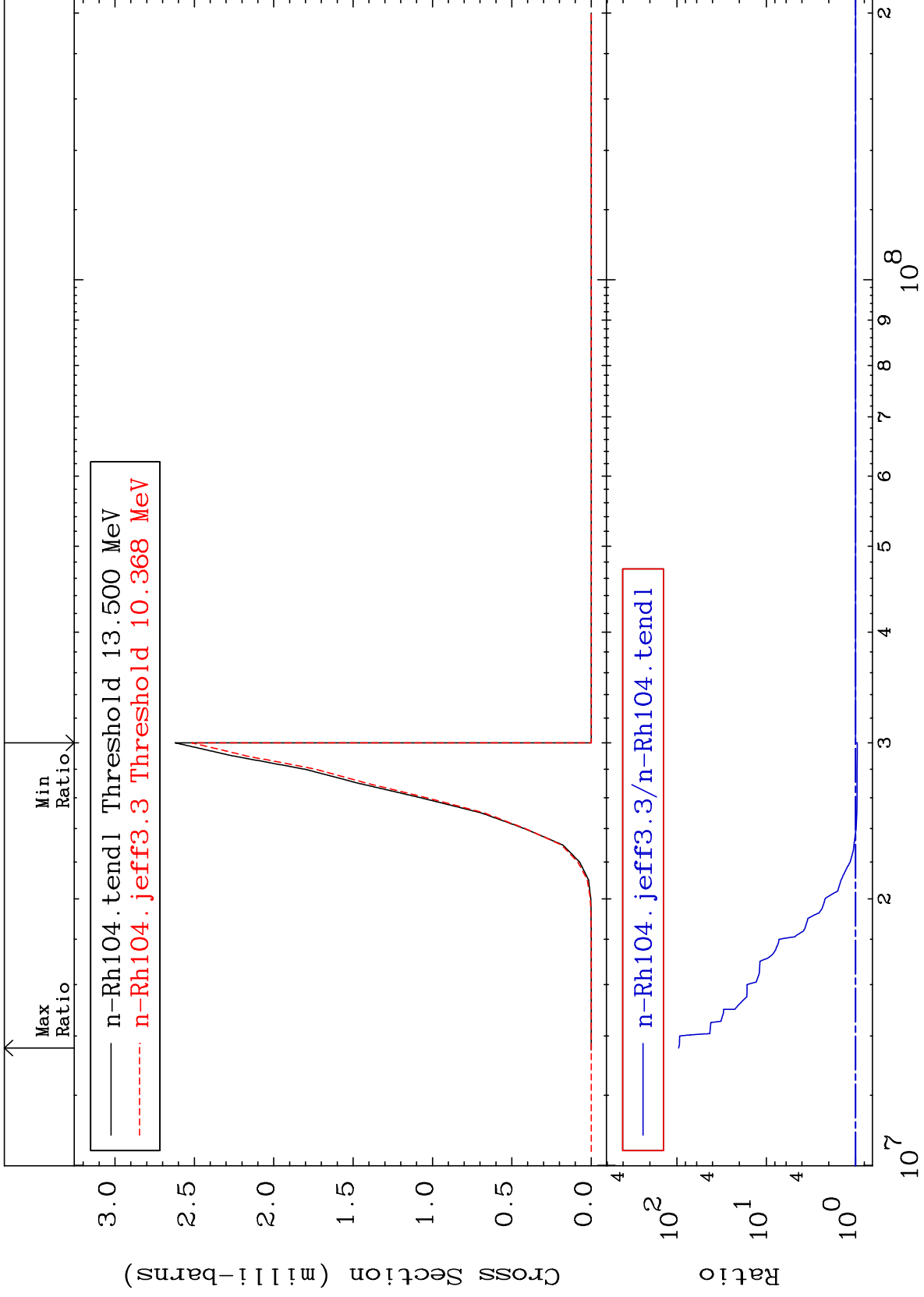
45-Rh-104

MAT 4528

(n,2n) α : 43-Tc-99m2

45-Rh-104

Radionuclide Production Cross Section -3.996 To 9449. %



83

Incident Energy (eV)

45-Rh-104

MAT 4528

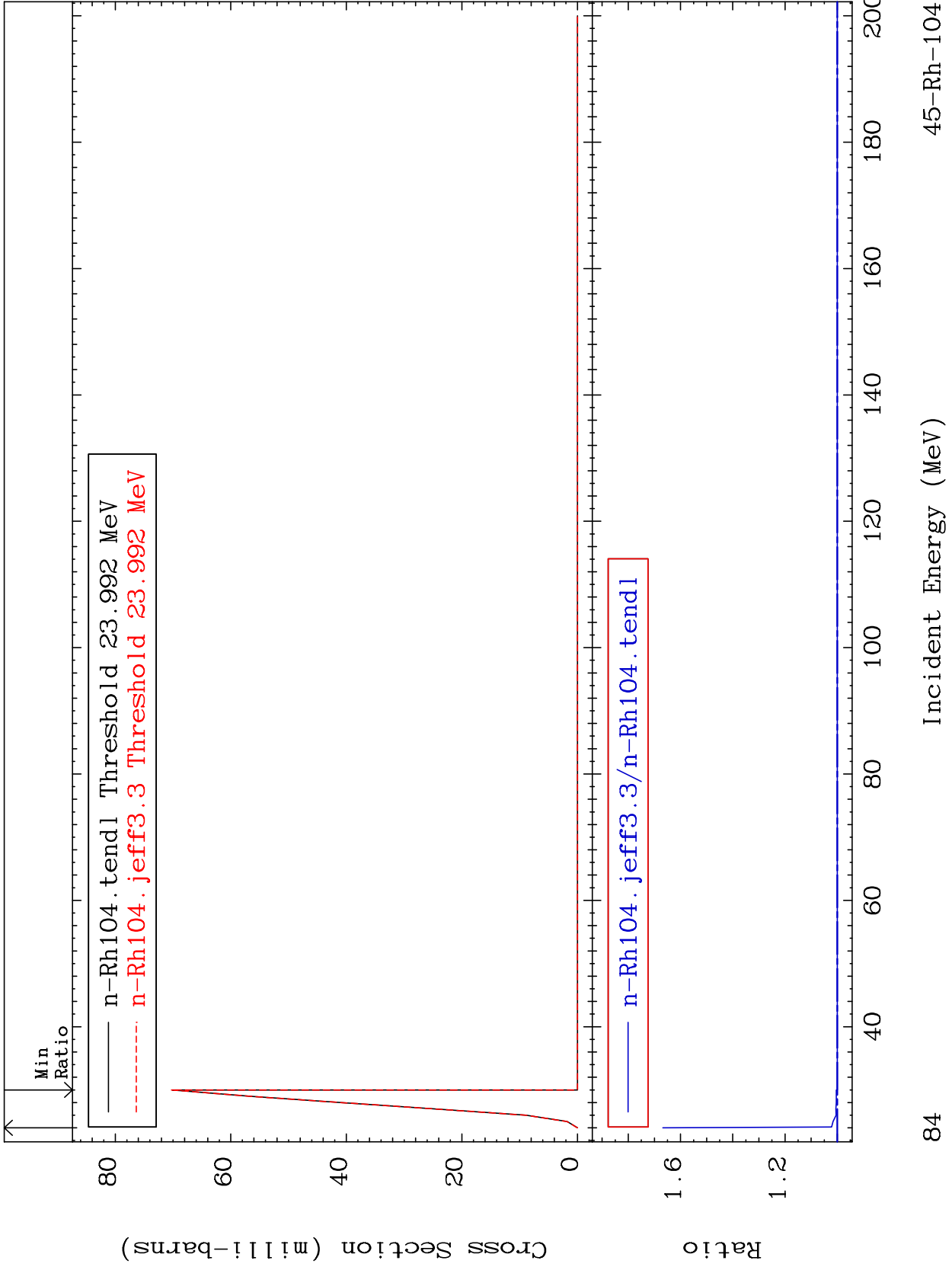
(n, 4n) : 45-Rh-101g

45-Rh-104

Radionuclide Production Cross Section

0.000

To 66.76 %

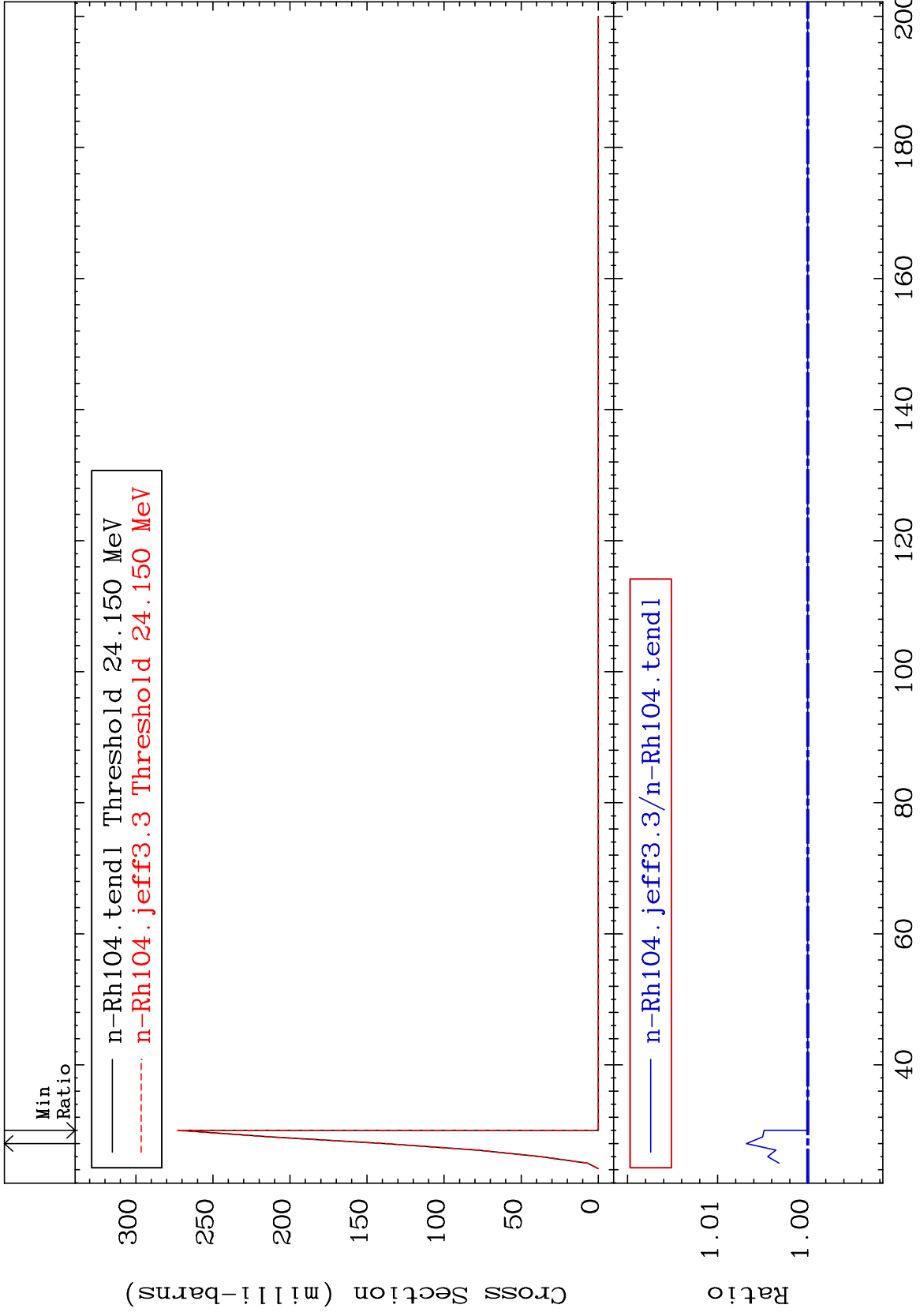


MAT 4528

(n, 4n) : 45-Rh-101m1

45-Rh-104

Radionuclide Production Cross Section 0.000 To 0.681 %



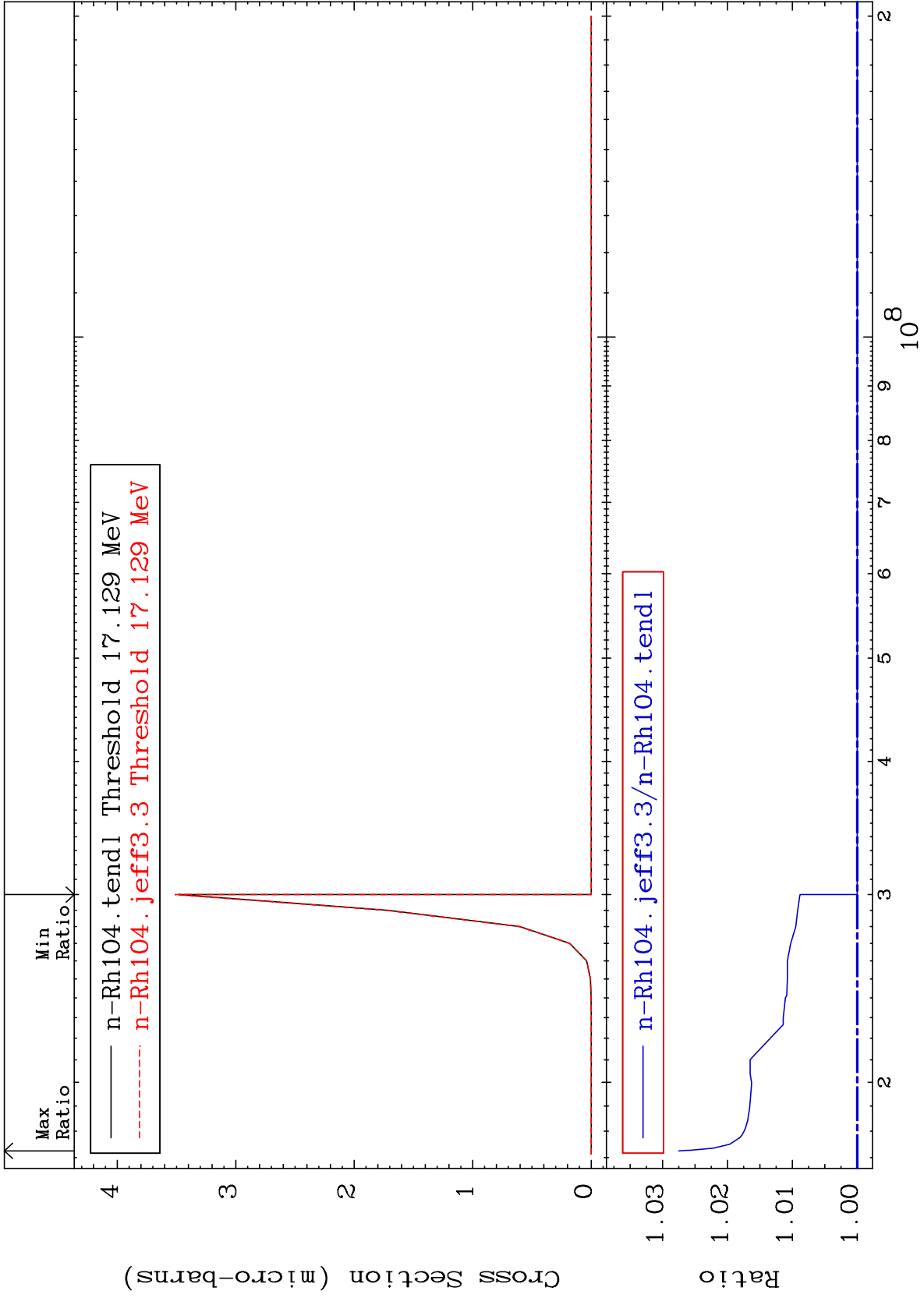
85

Incident Energy (MeV)

45-Rh-104

MAT 4528

(n,2n) p:43-Tc-102g 45-Rh-104
Radionuclide Production Cross Section 0.000 To 2.752 %

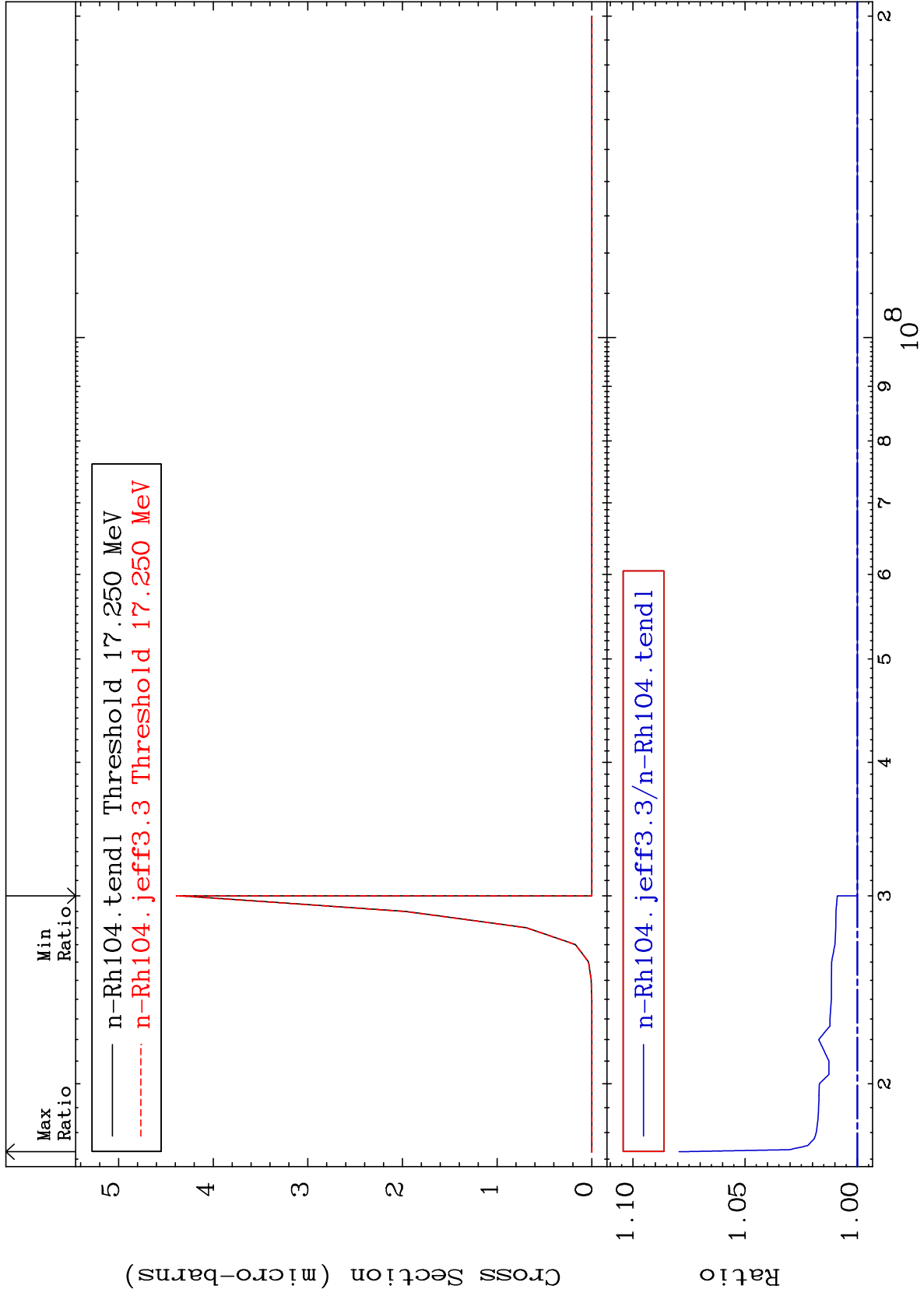


MAT 4528

(n,2n) p:43-Tc-102m3

45-Rh-104

Radionuclide Production Cross Section 0.000 To 7.942 %

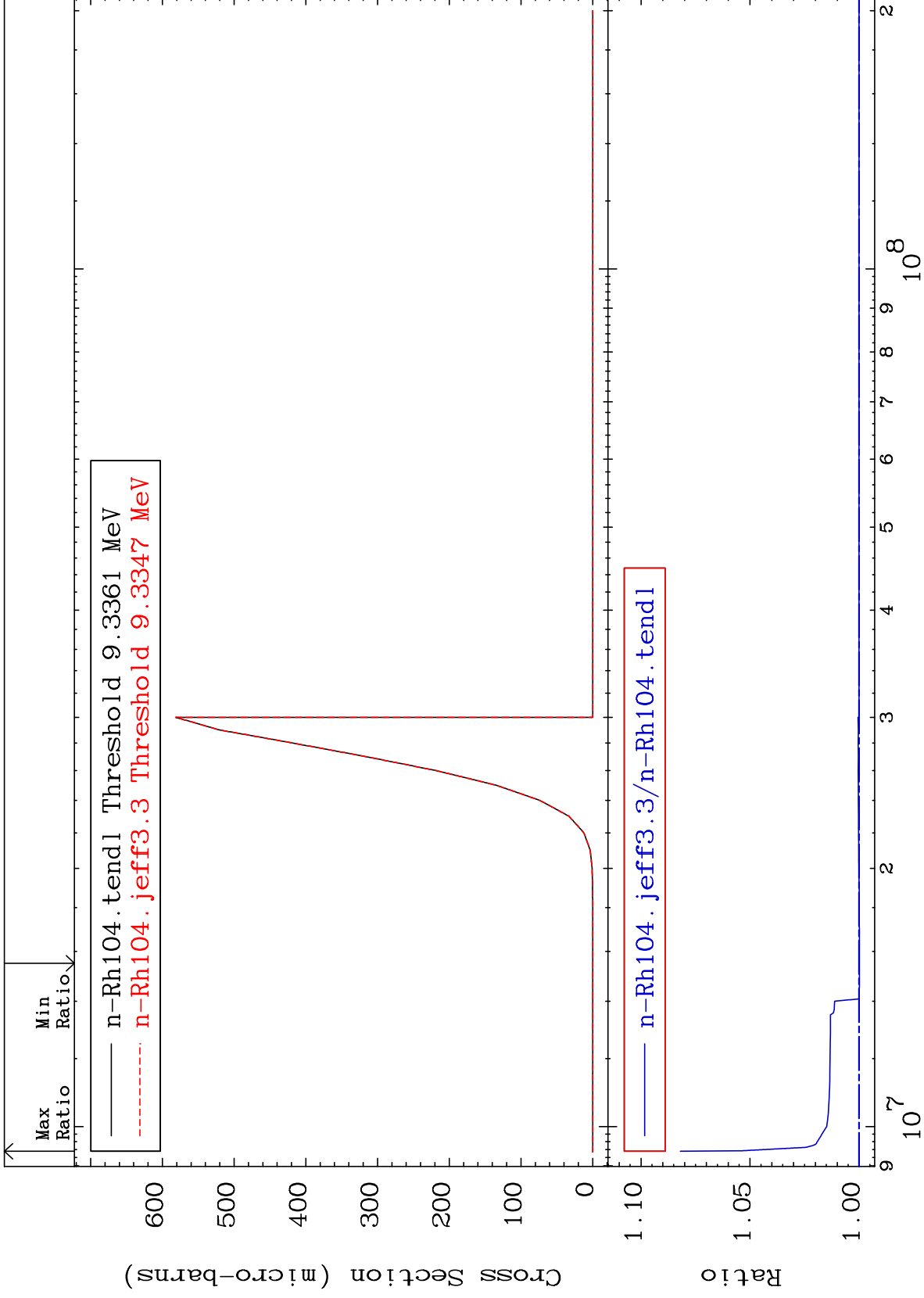


MAT 4528

(n,He-3) : 43-Tc-102g

45-Rh-104

Radionuclide Production Cross Section -0.018 To 8.196 %

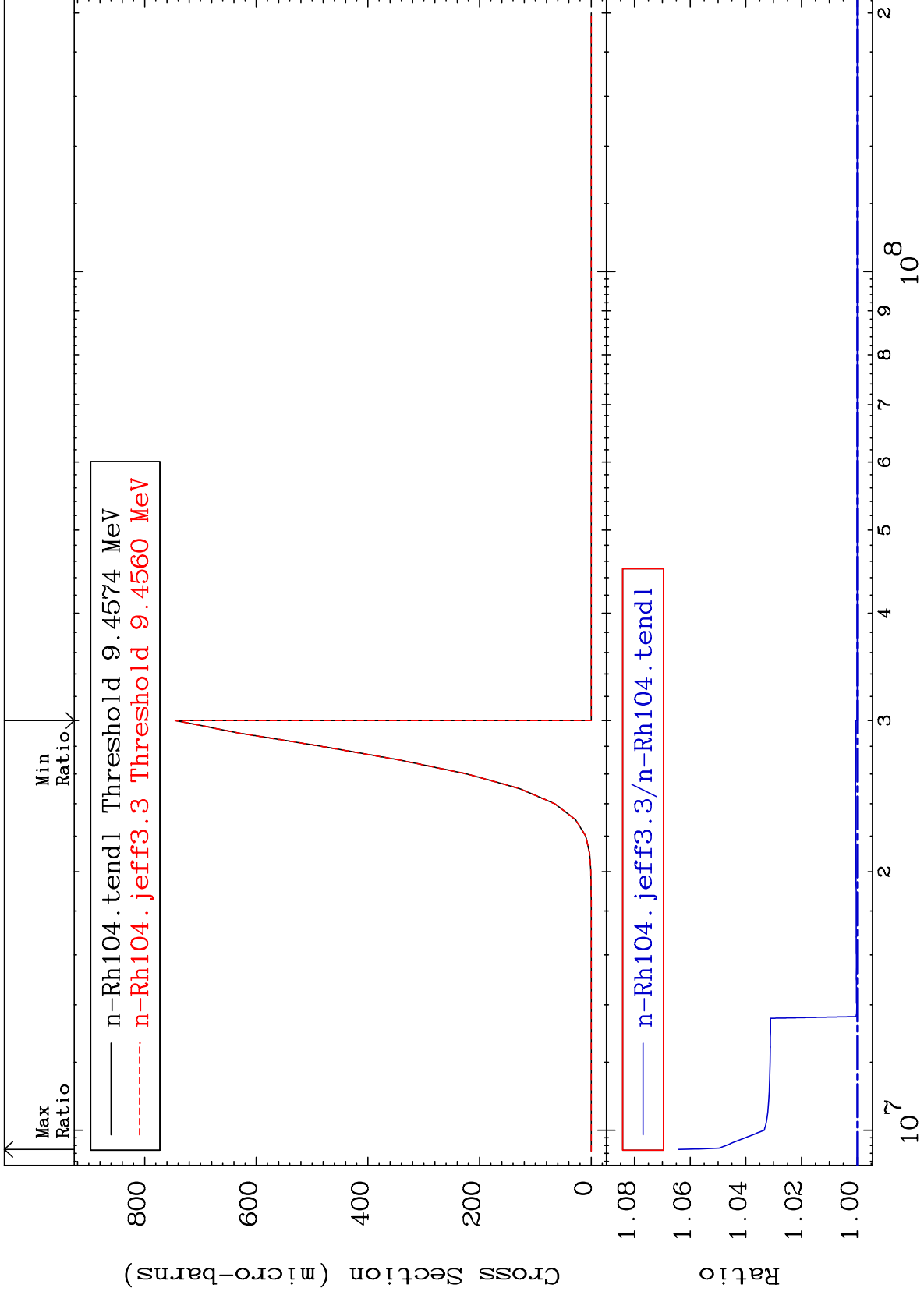


MAT 4528

(n,He-3) : 43-Tc-102m3

45-Rh-104

Radionuclide Production Cross Section 0.000 To 6.414 %



89

Incident Energy (eV)

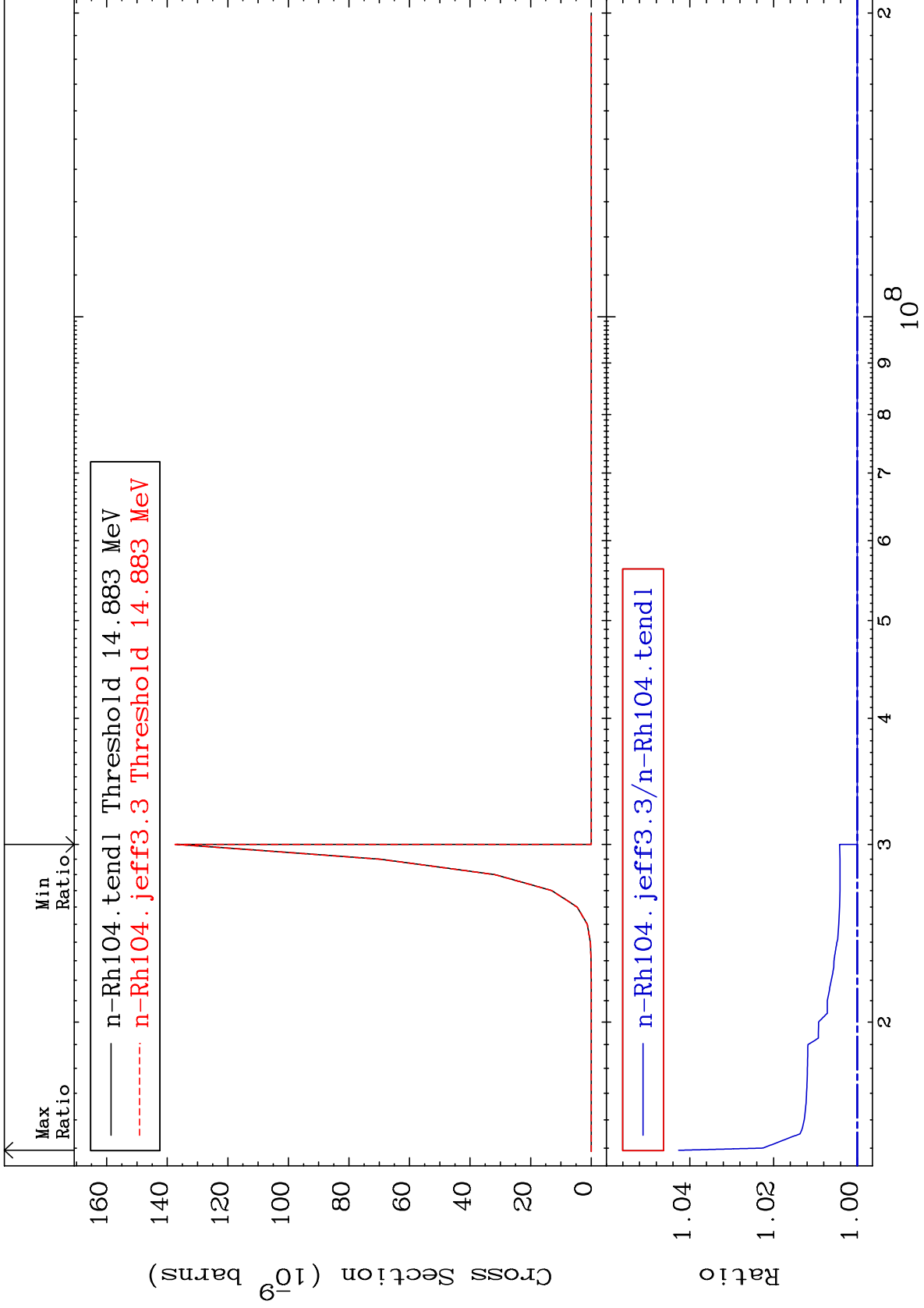
45-Rh-104

MAT 4528

(n, p) d:43-Tc-102g

45-Rh-104
To 4.267 %

Radionuclide Production Cross Section 0.000



MAT 4528

(n,p) d:43-Tc-102m3

45-Rh-104

Radionuclide Production Cross Section 0.000 To 1.433 %

