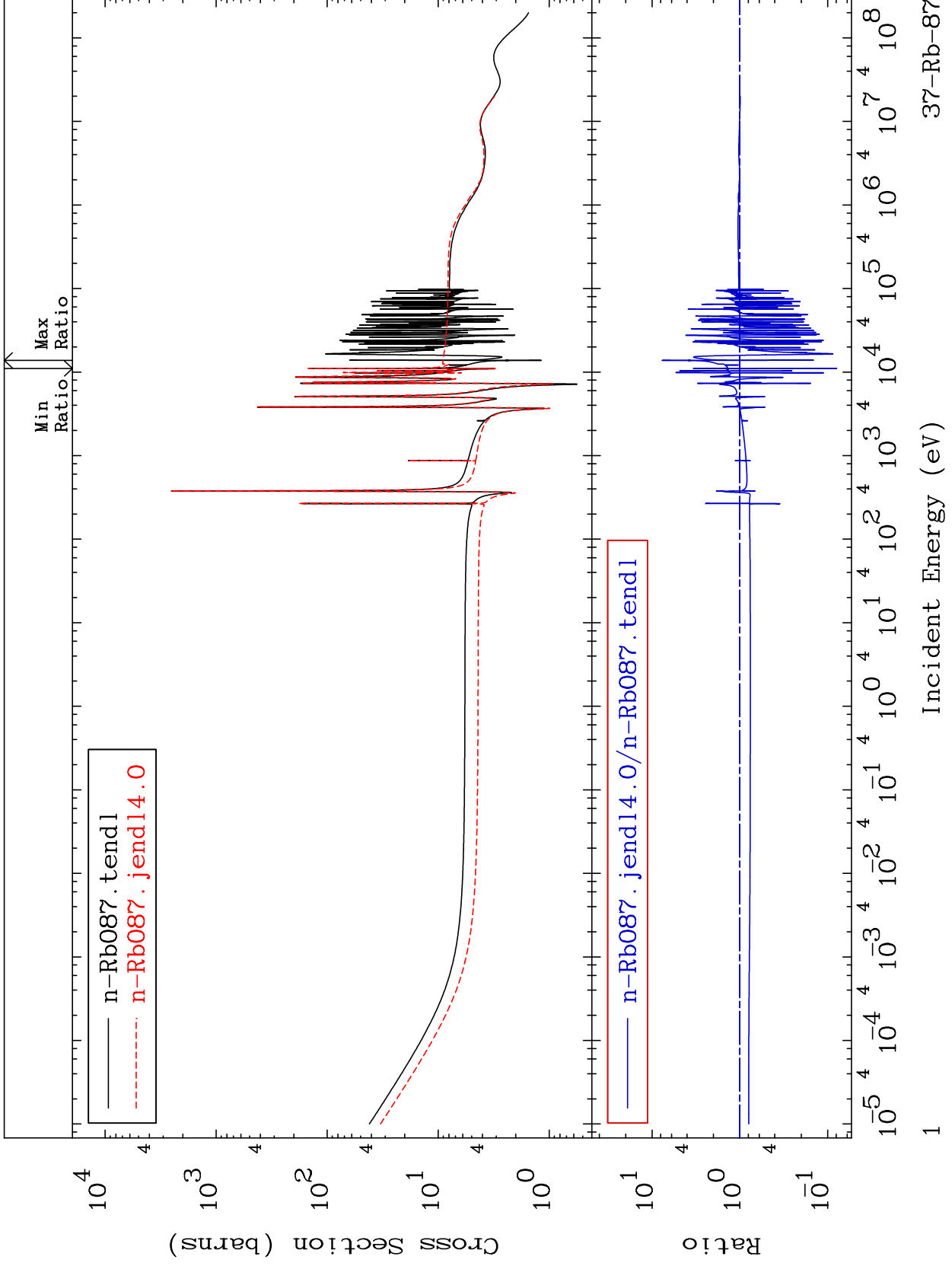


MAT 3731

Total
Cross Section

37-Rb-87
-92.10 To 666.2 %

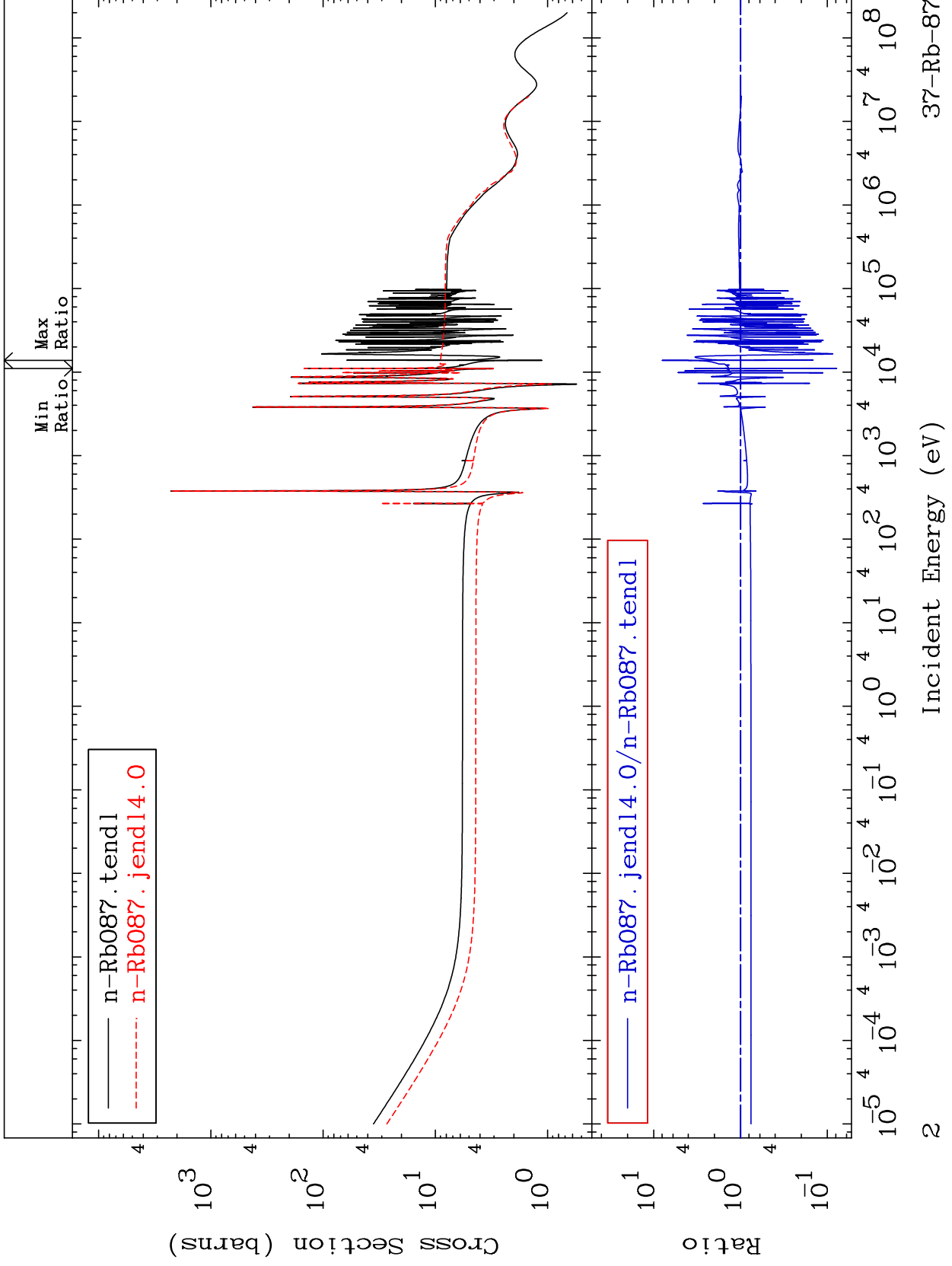


37-Rb-87

MAT 3731

Elastic
Cross Section

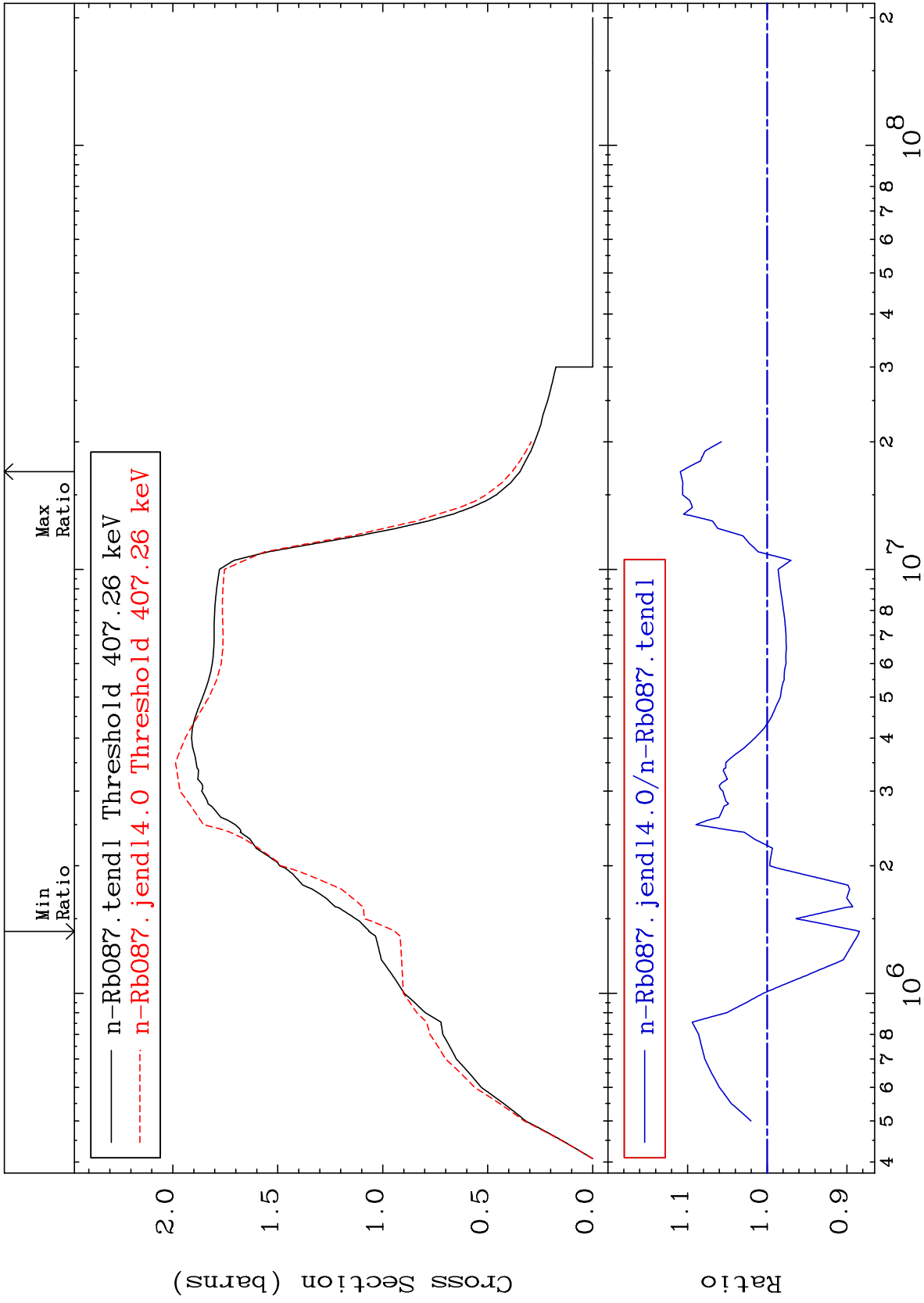
37-Rb-87
-92.18 To 696.6 %



MAT 3731

³⁷Rb-87

Inelastic Cross Section -11.58 To 10.90 %



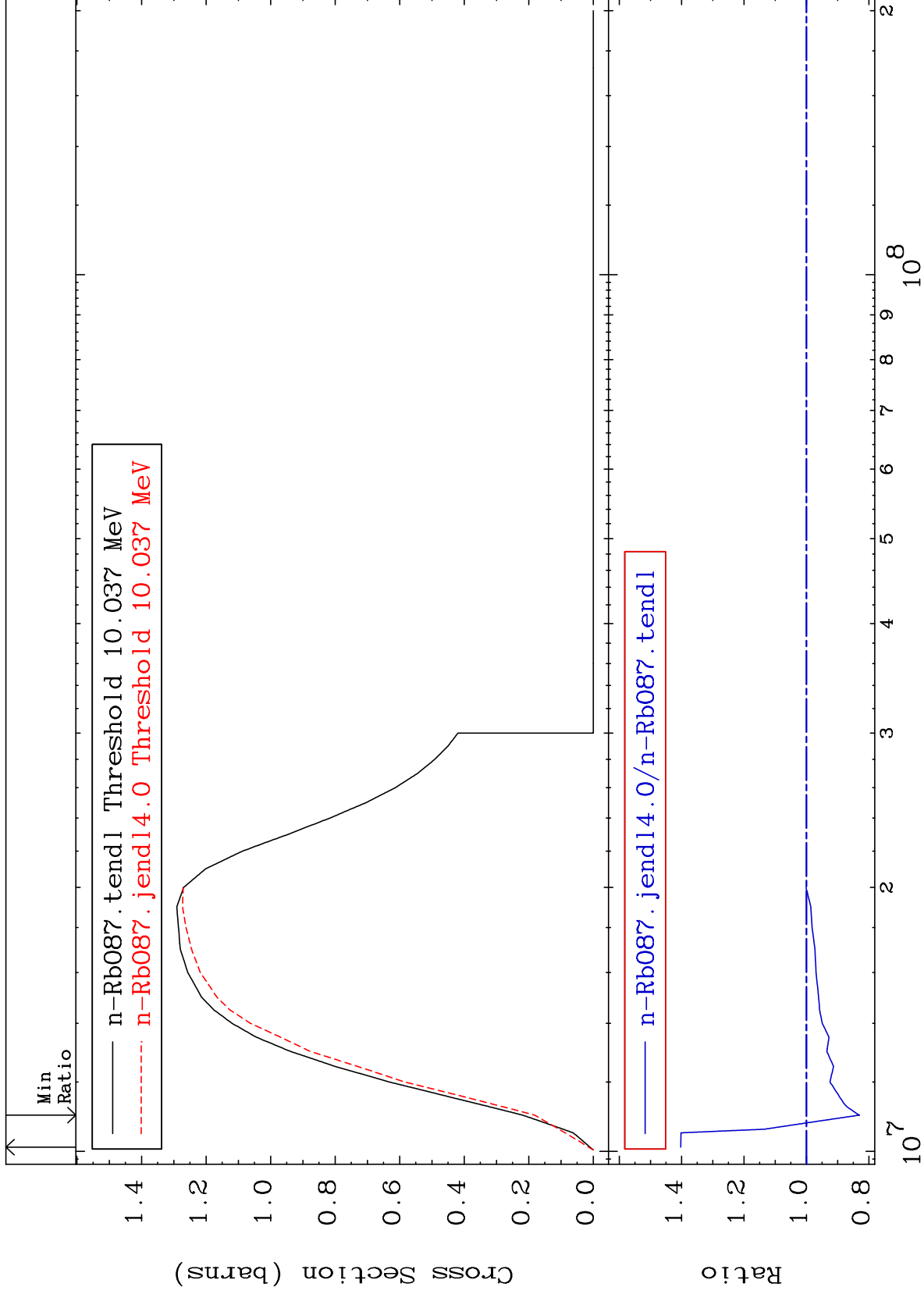
MAT 3731

(n,2n)

37-Rb-87

Cross Section

-17.03 To 40.28 %



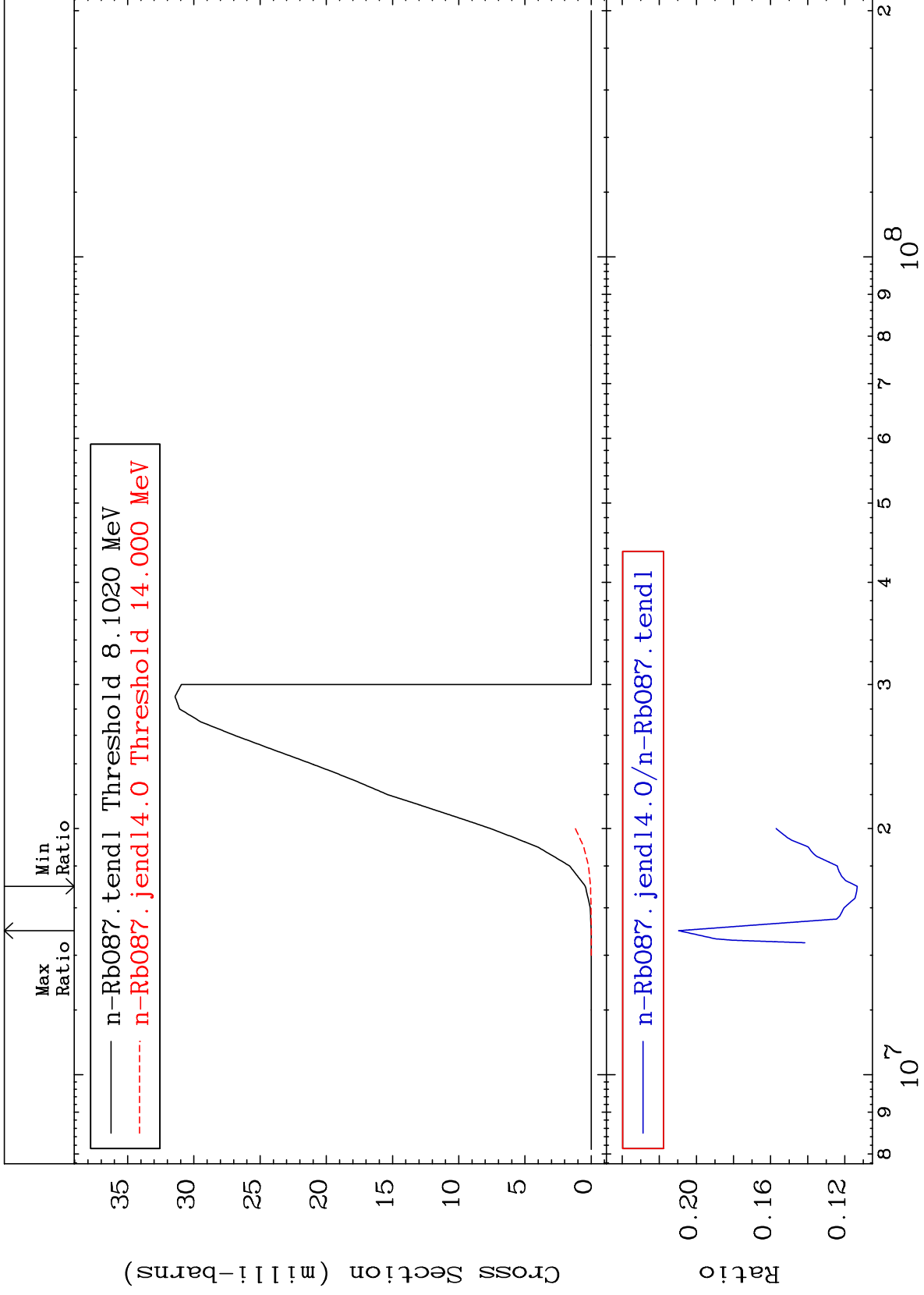
Incident Energy (eV)

37-Rb-87

MAT 3731

(n, n') α
Cross Section

³⁷Rb-87
-88.67 To -79.04%



5

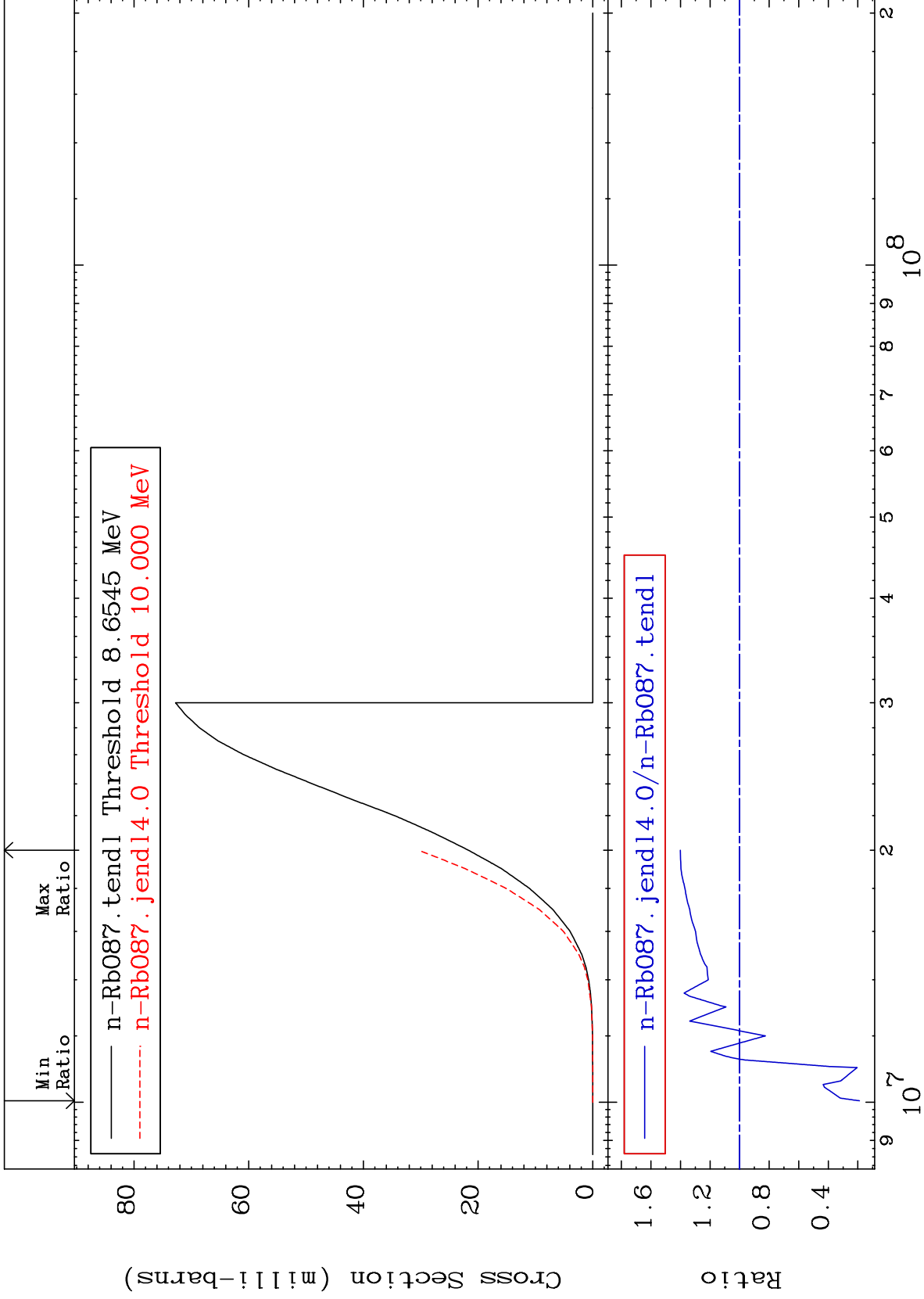
Incident Energy (eV)

³⁷Rb-87

MAT 3731

(n, n') p
Cross Section

³⁷Rb-87
-81.07 To 40.08 %



6

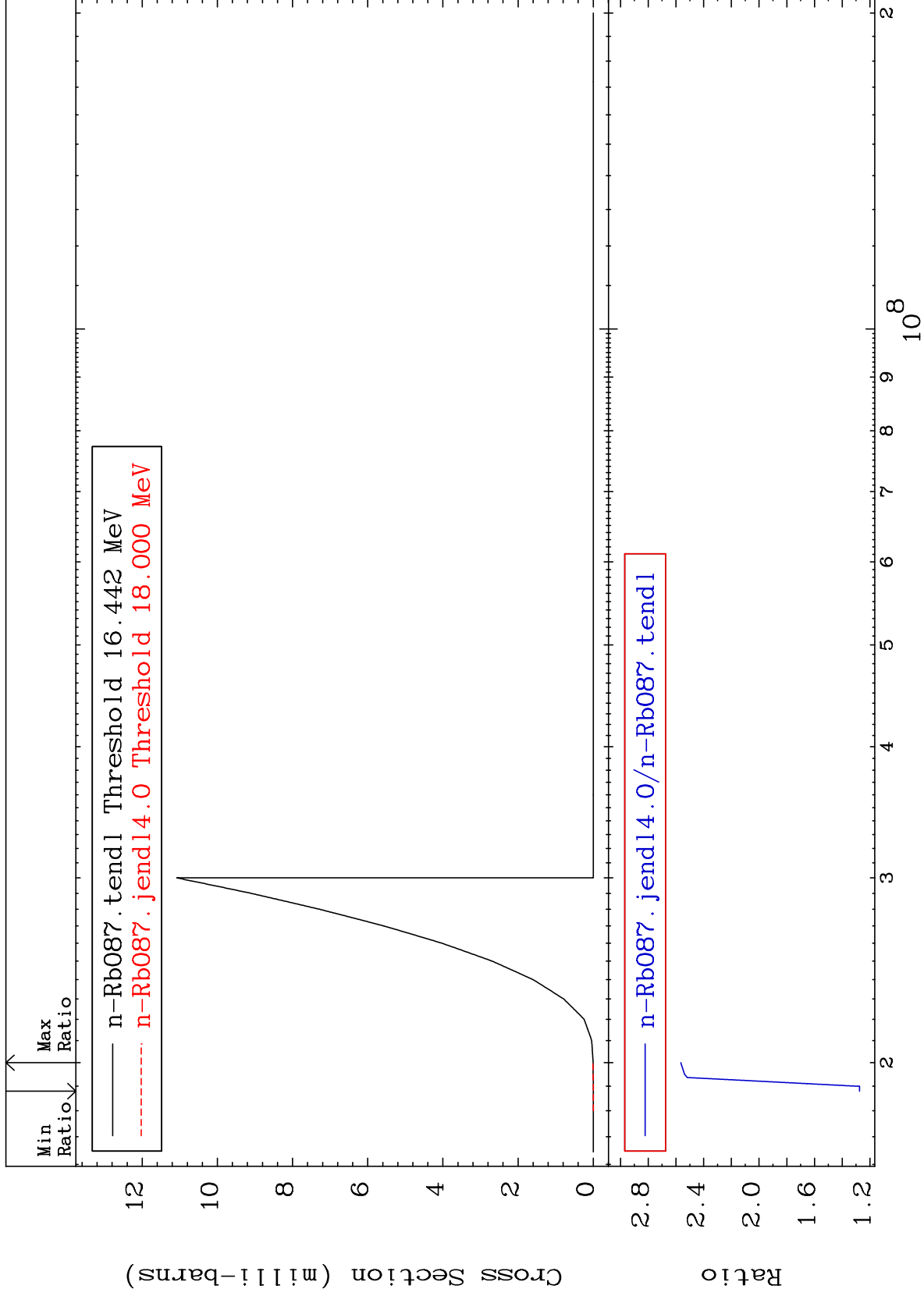
Incident Energy (eV)

³⁷Rb-87

MAT 3731

(n,n') d
Cross Section

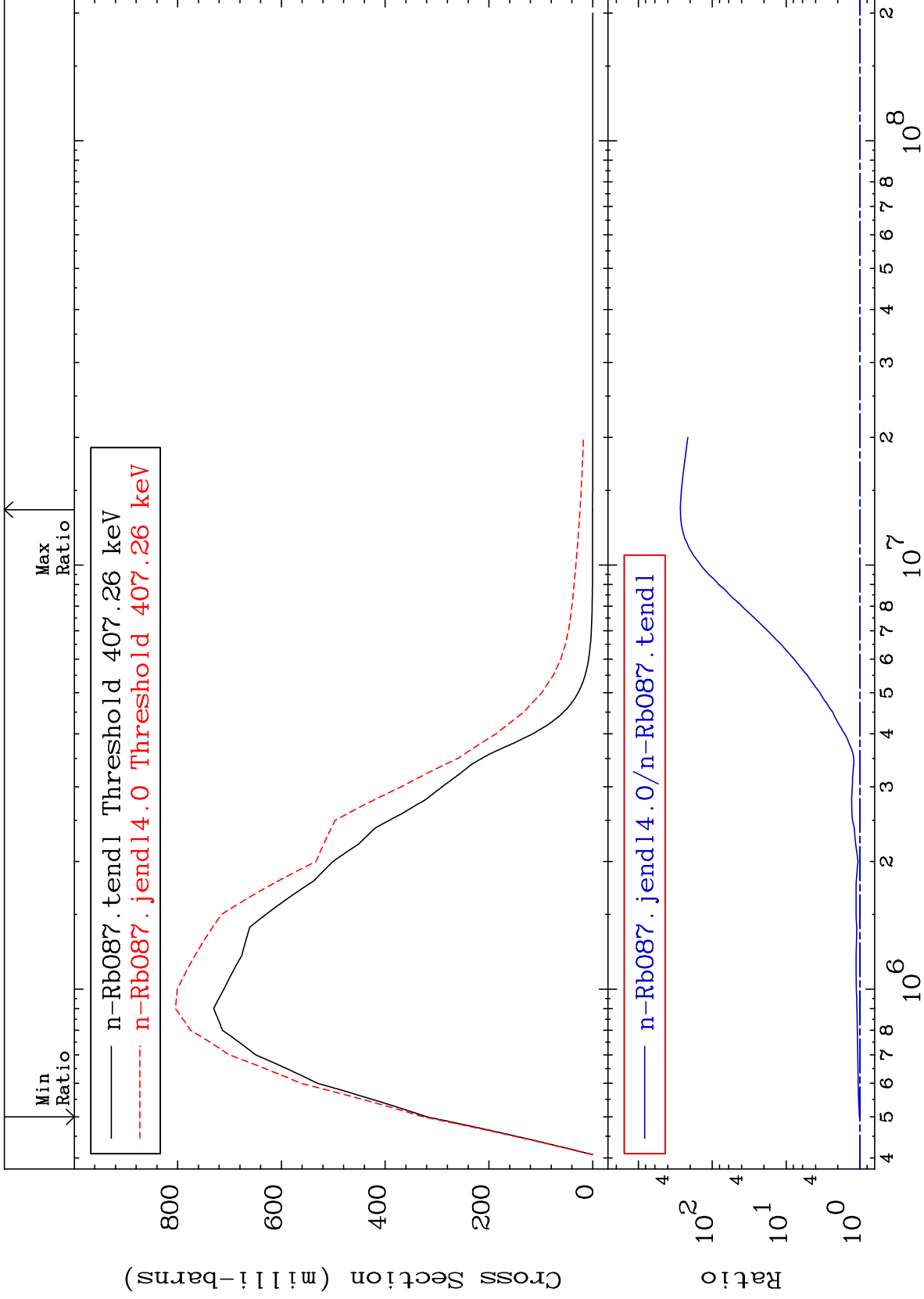
37-Rb-87
27.51 To 156.5 %



MAT 3731

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

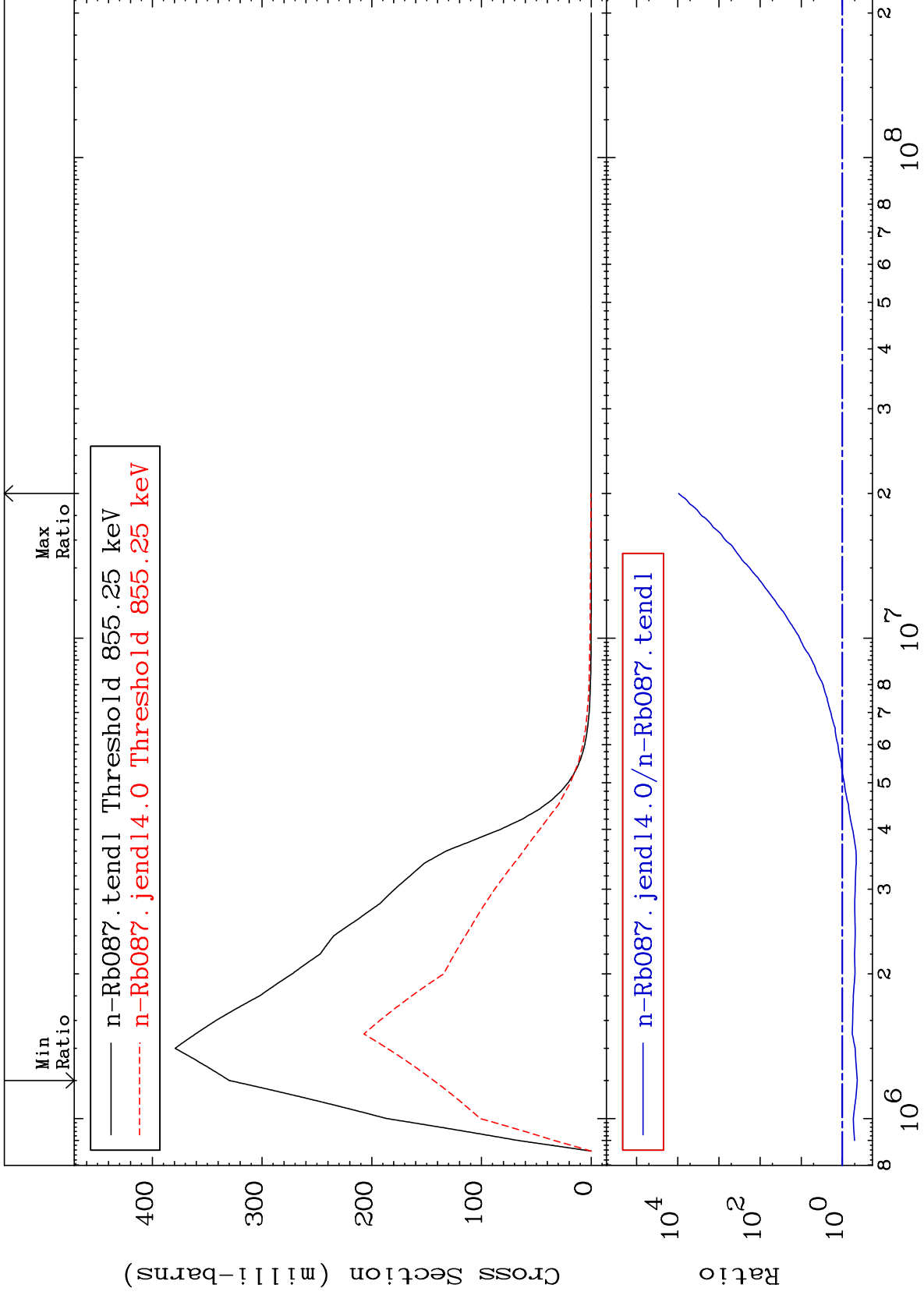
37-Rb-87
2.037 To 9999. %



MAT 3731

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

37-Rb-87
-56.48 To 9999. %



9

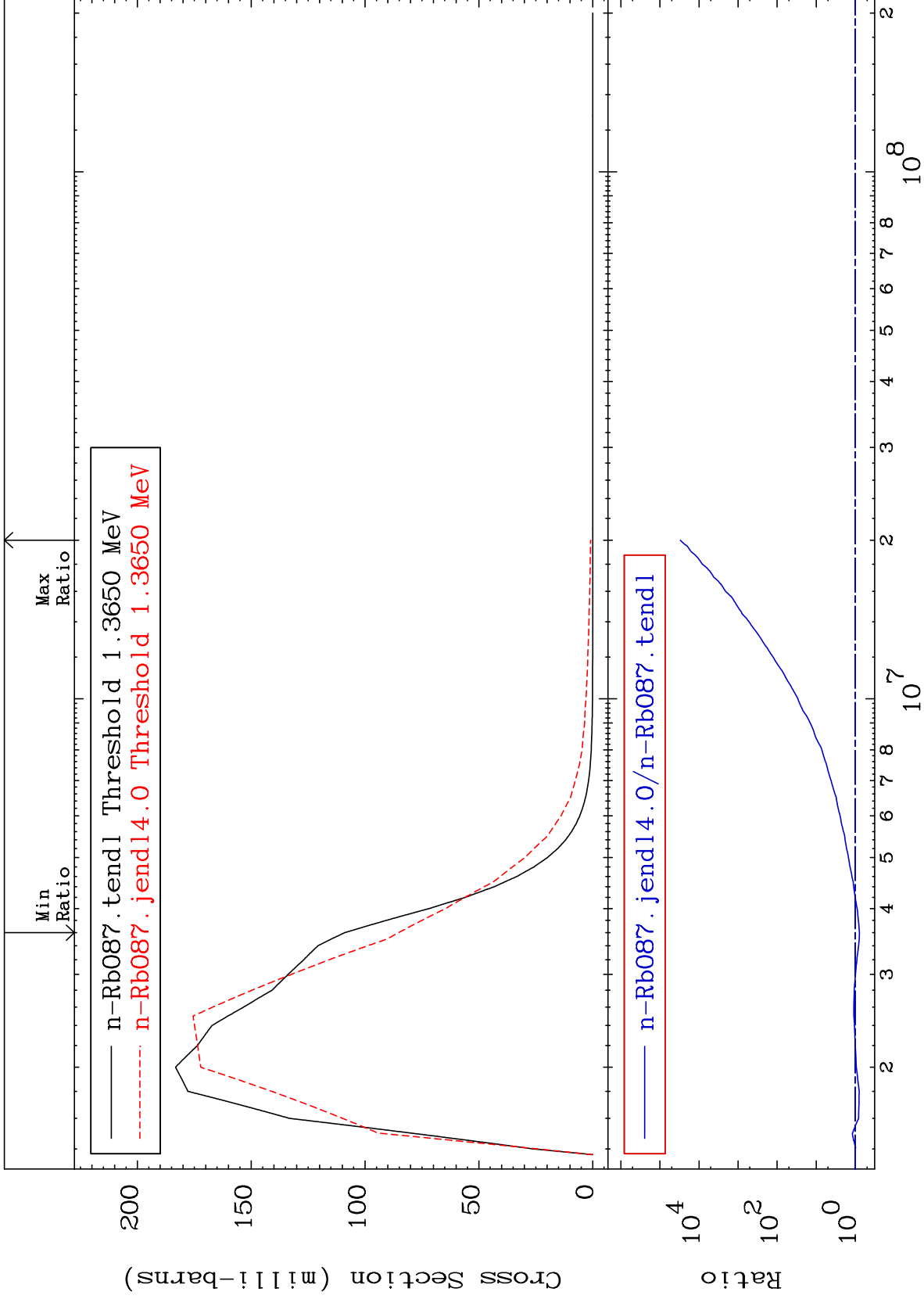
Incident Energy (eV)

37-Rb-87

MAT 3731

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

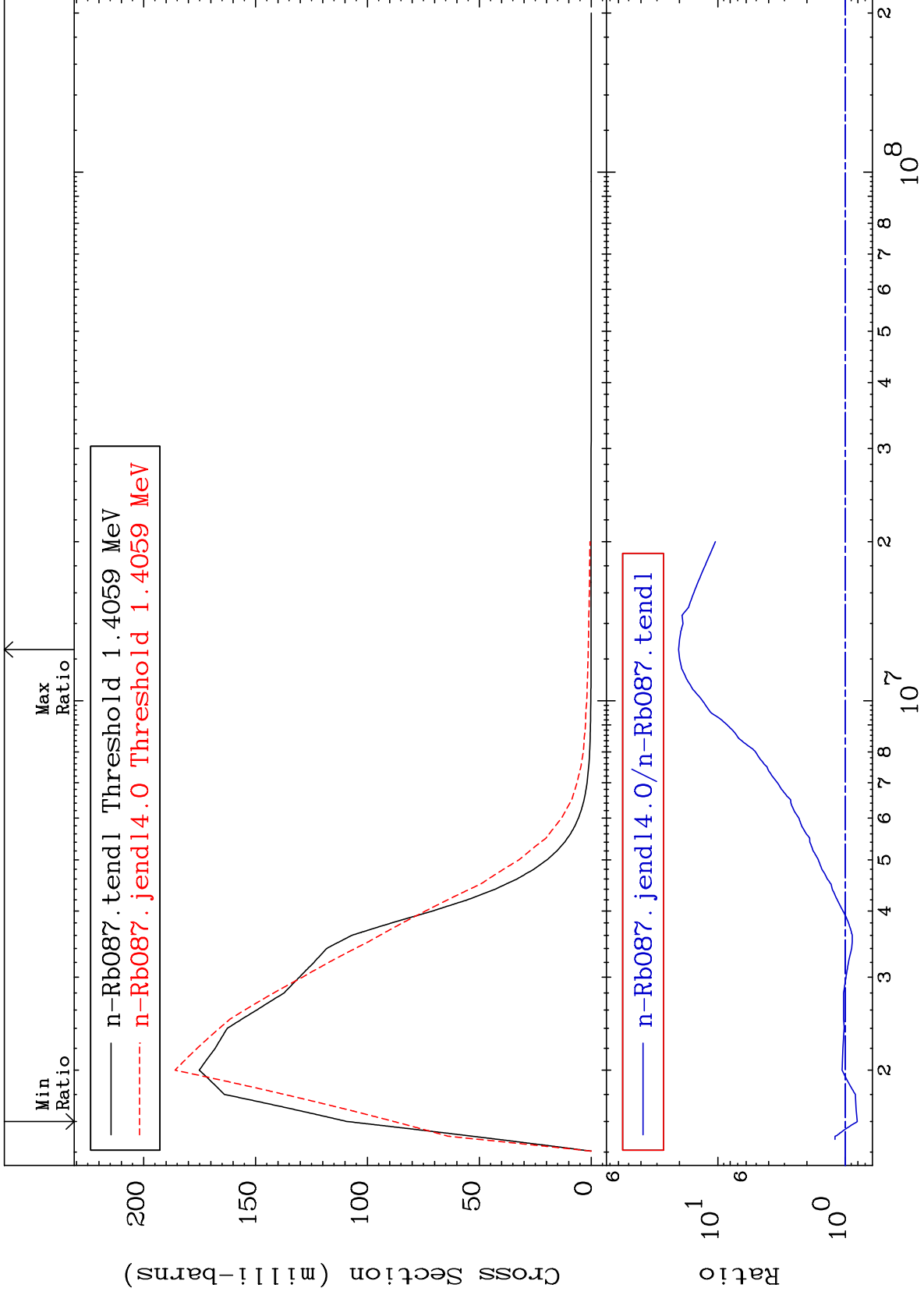
37-Rb-87
-21.70 To 9999. %



10

Incident Energy (eV)

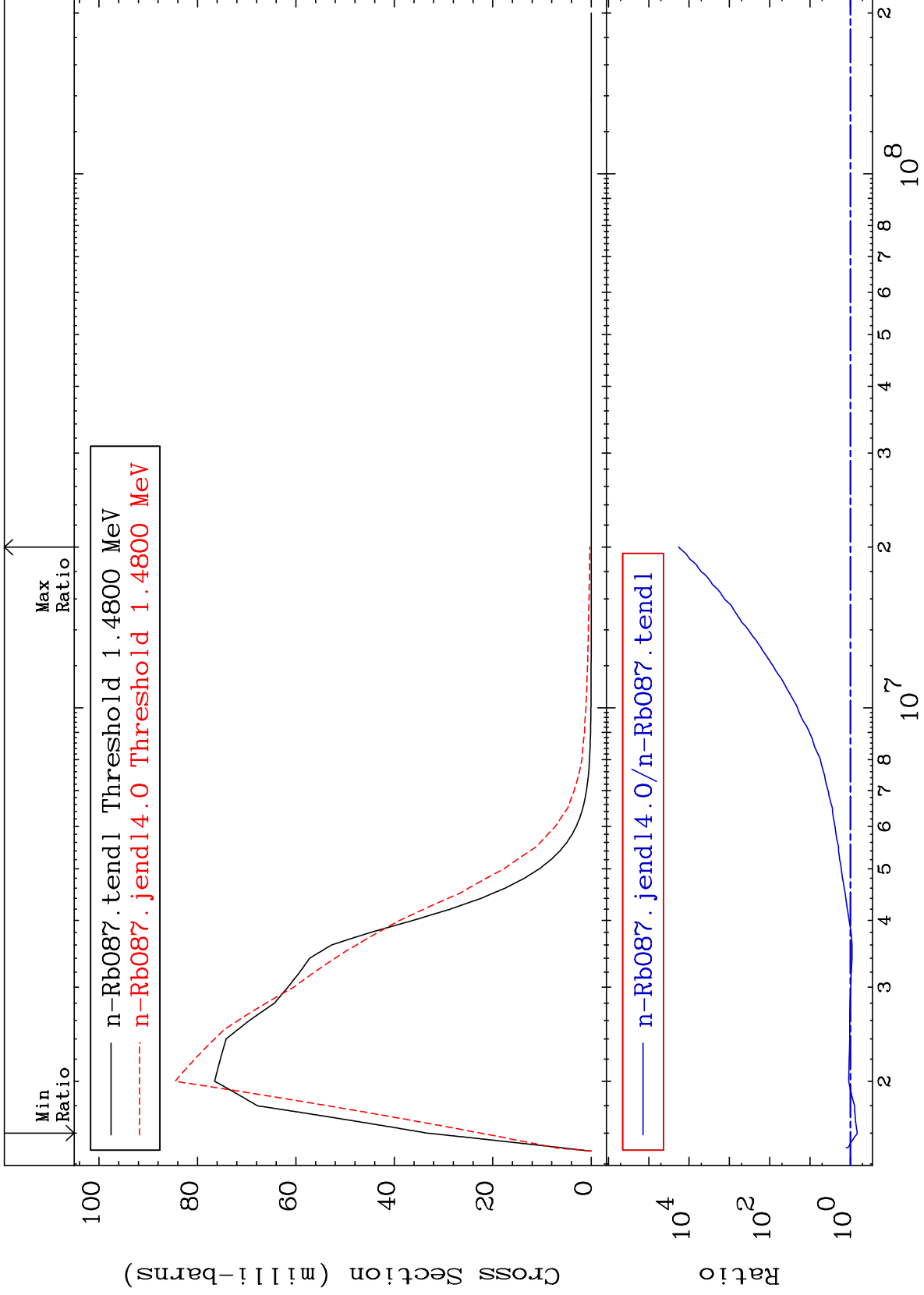
37-Rb-87

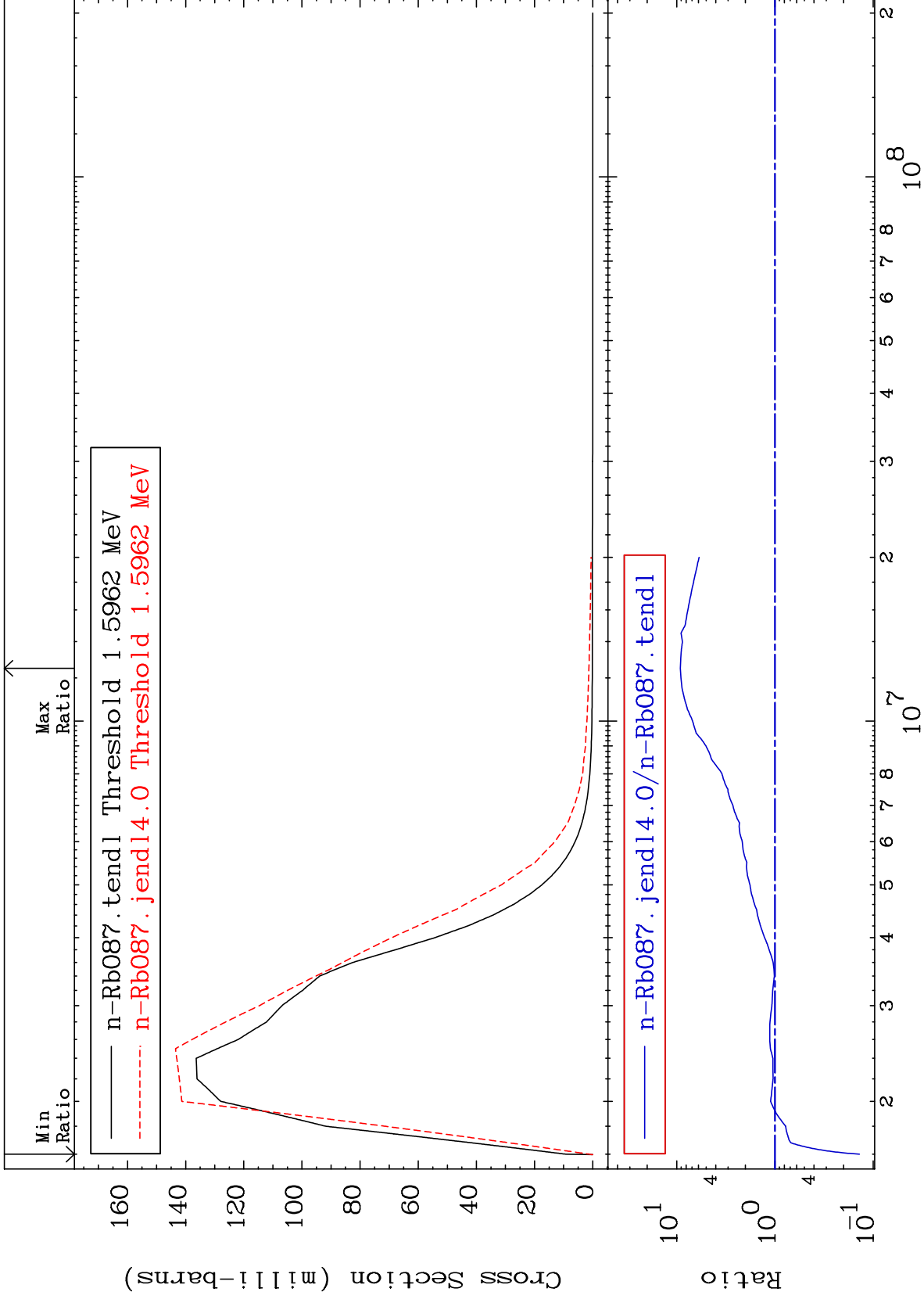


MAT 3731

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

37-Rb-87
-32.45 To 9999. %

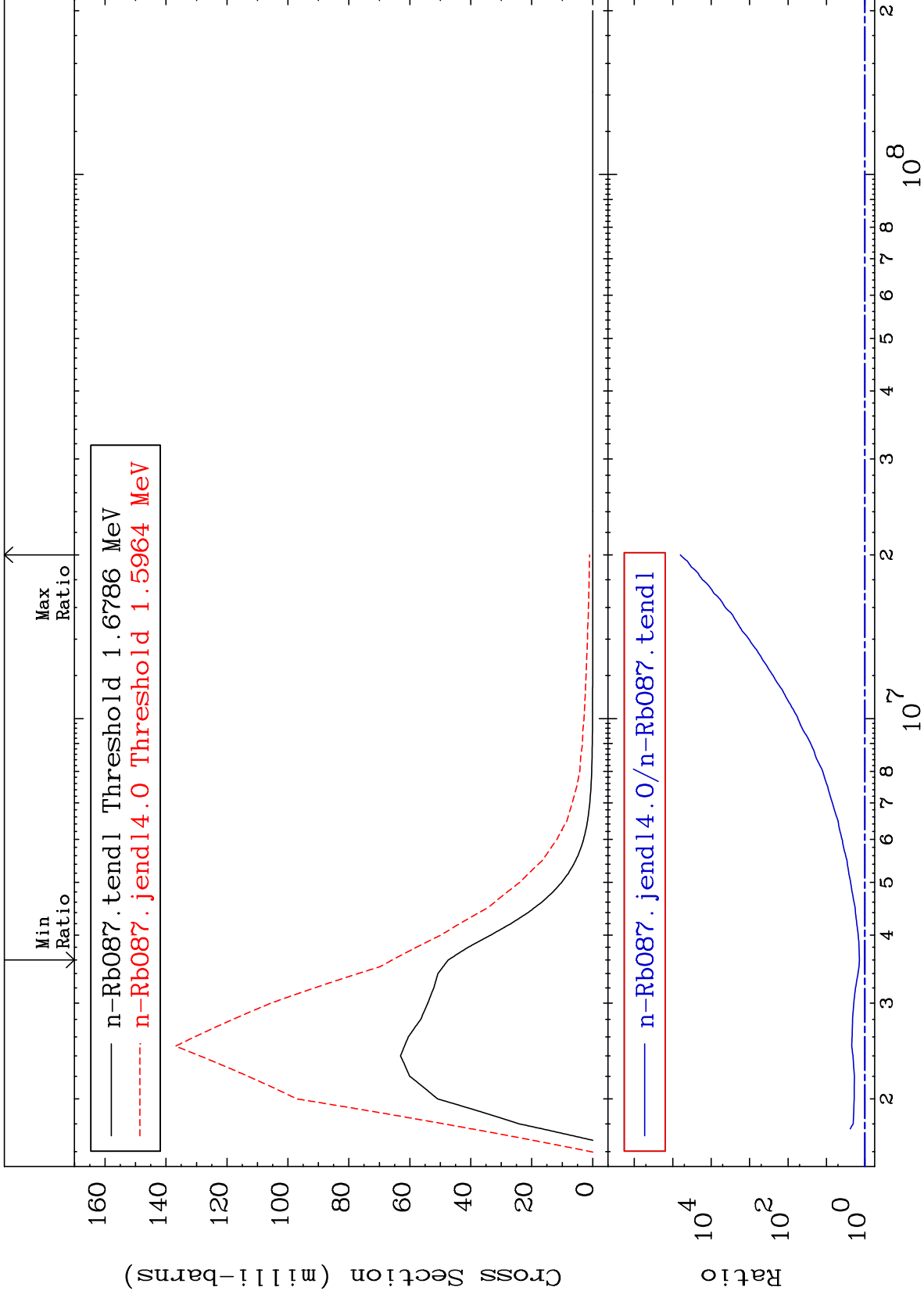




MAT 3731

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

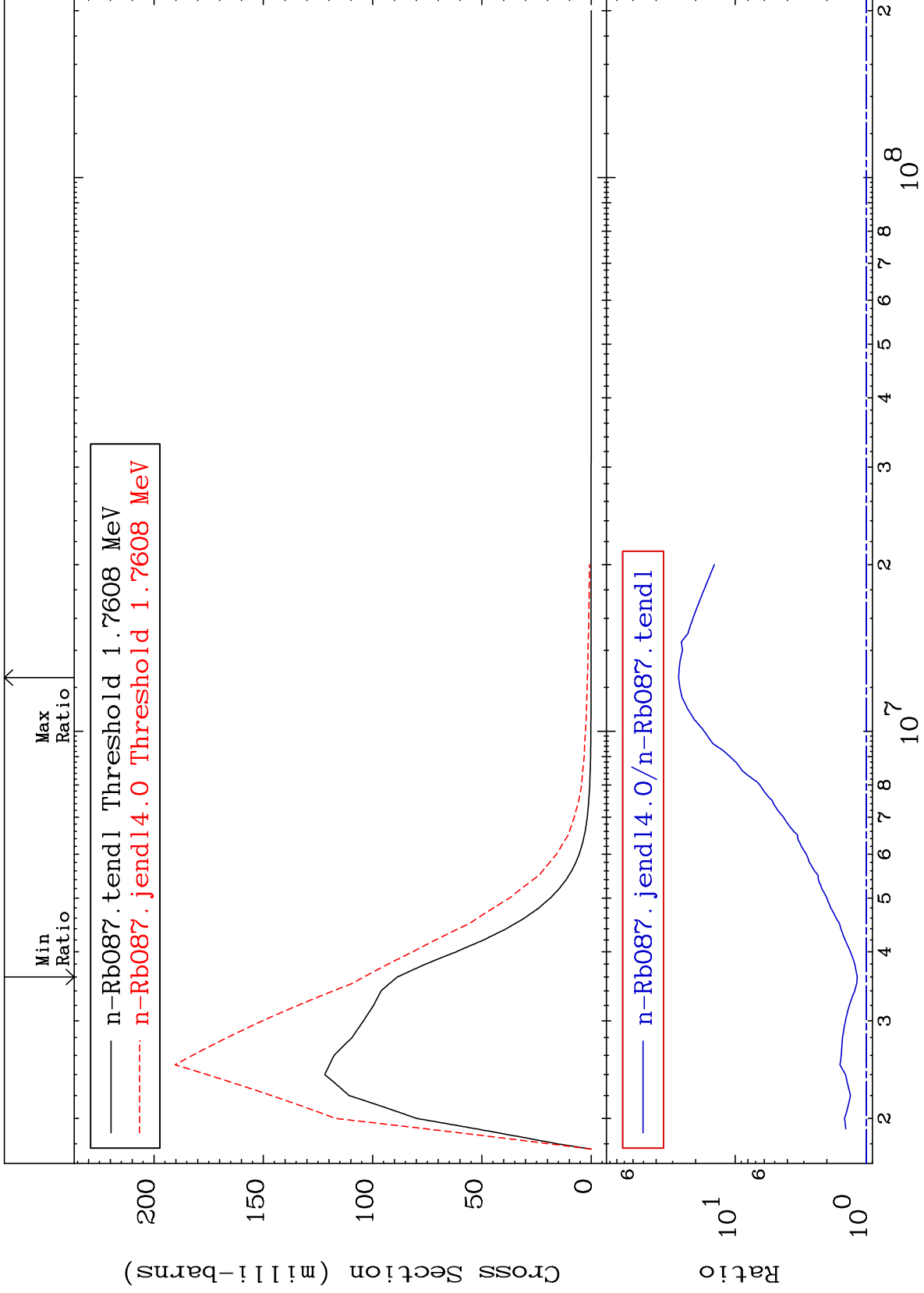
37-Rb-87
38.78 To 9999. %



MAT 3731

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

37-Rb-87
17.26 To 2599. %



15

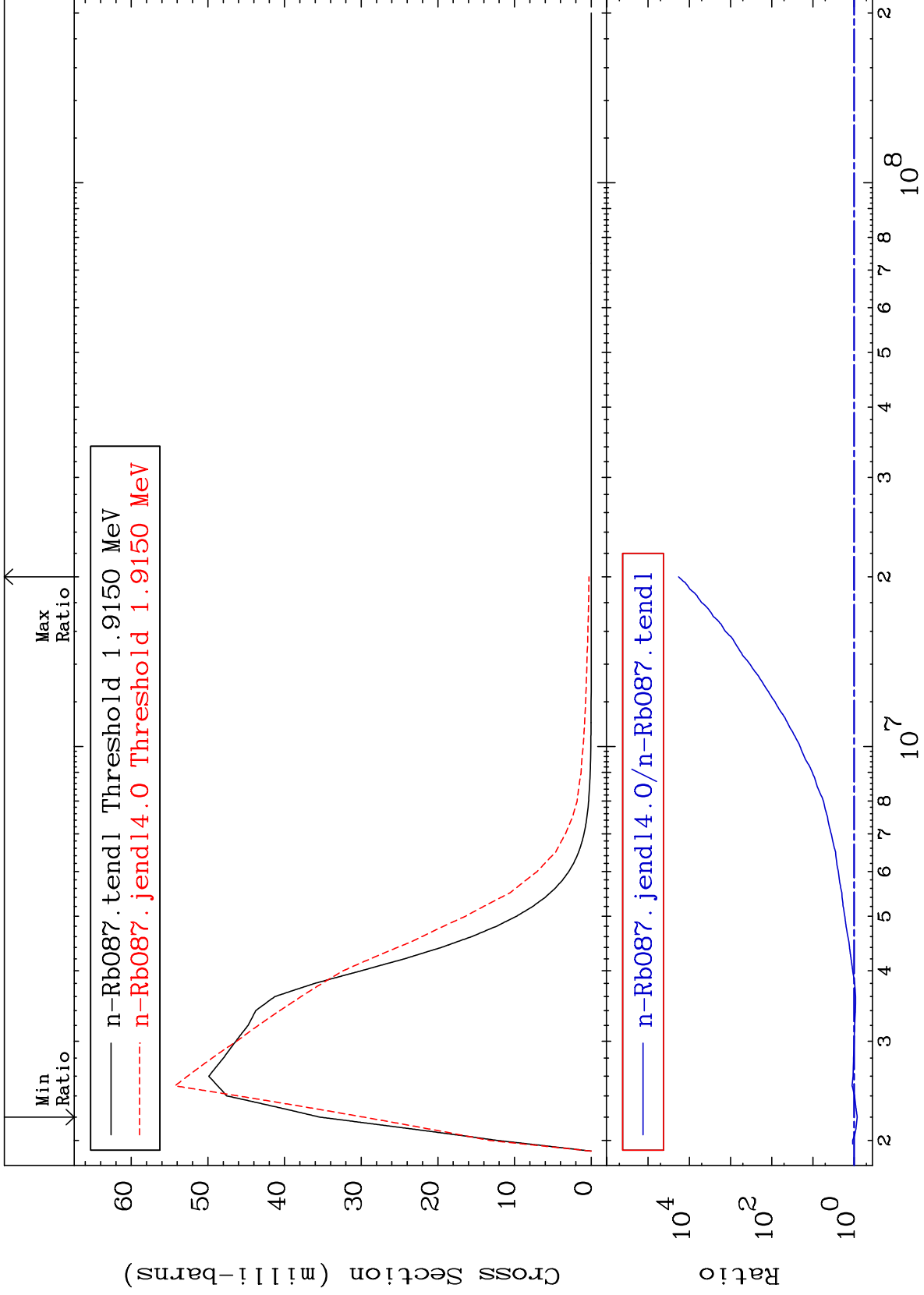
37-Rb-87

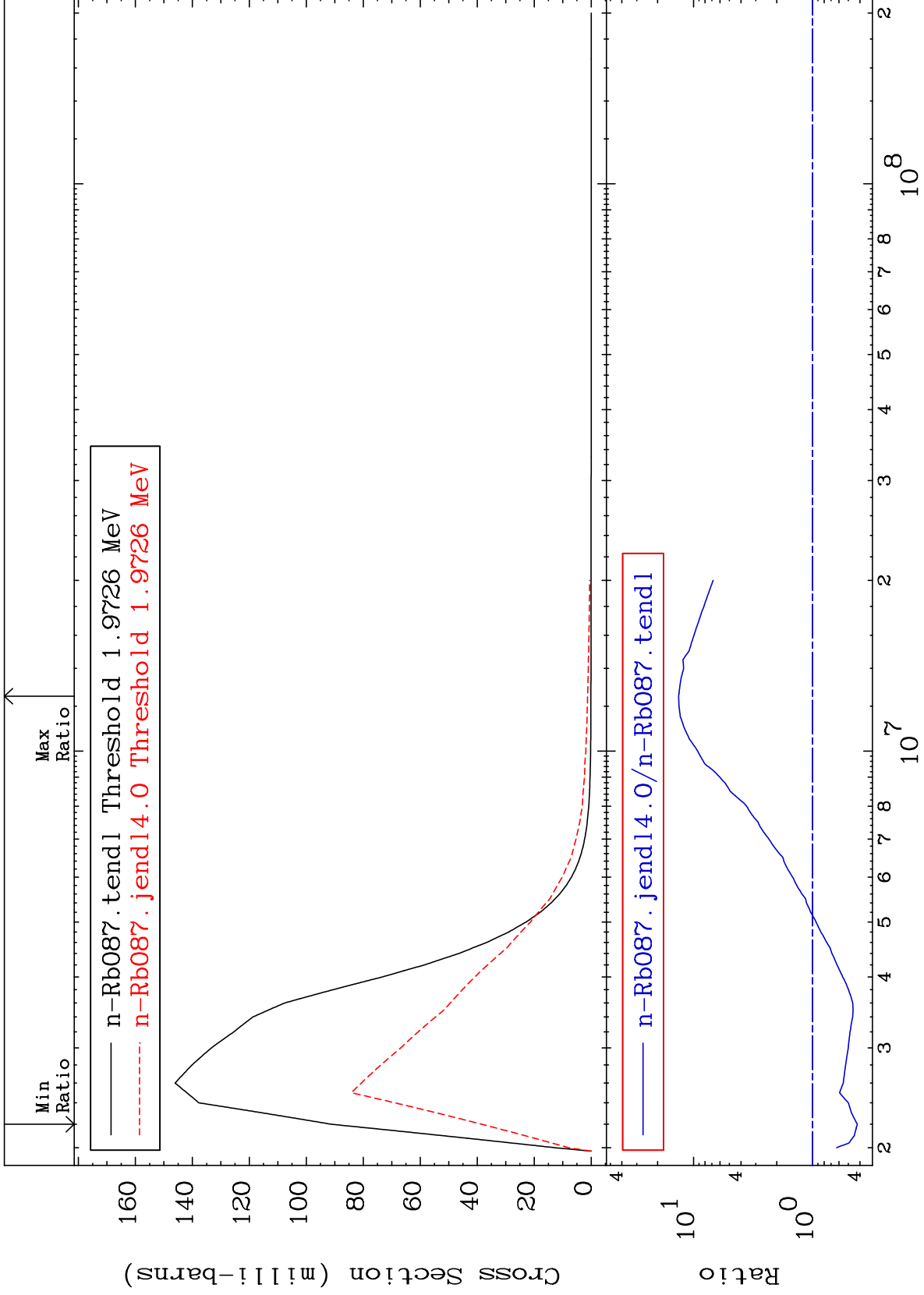
37-Rb-87

MAT 3731

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

37-Rb-87
-16.26 To 9999. %

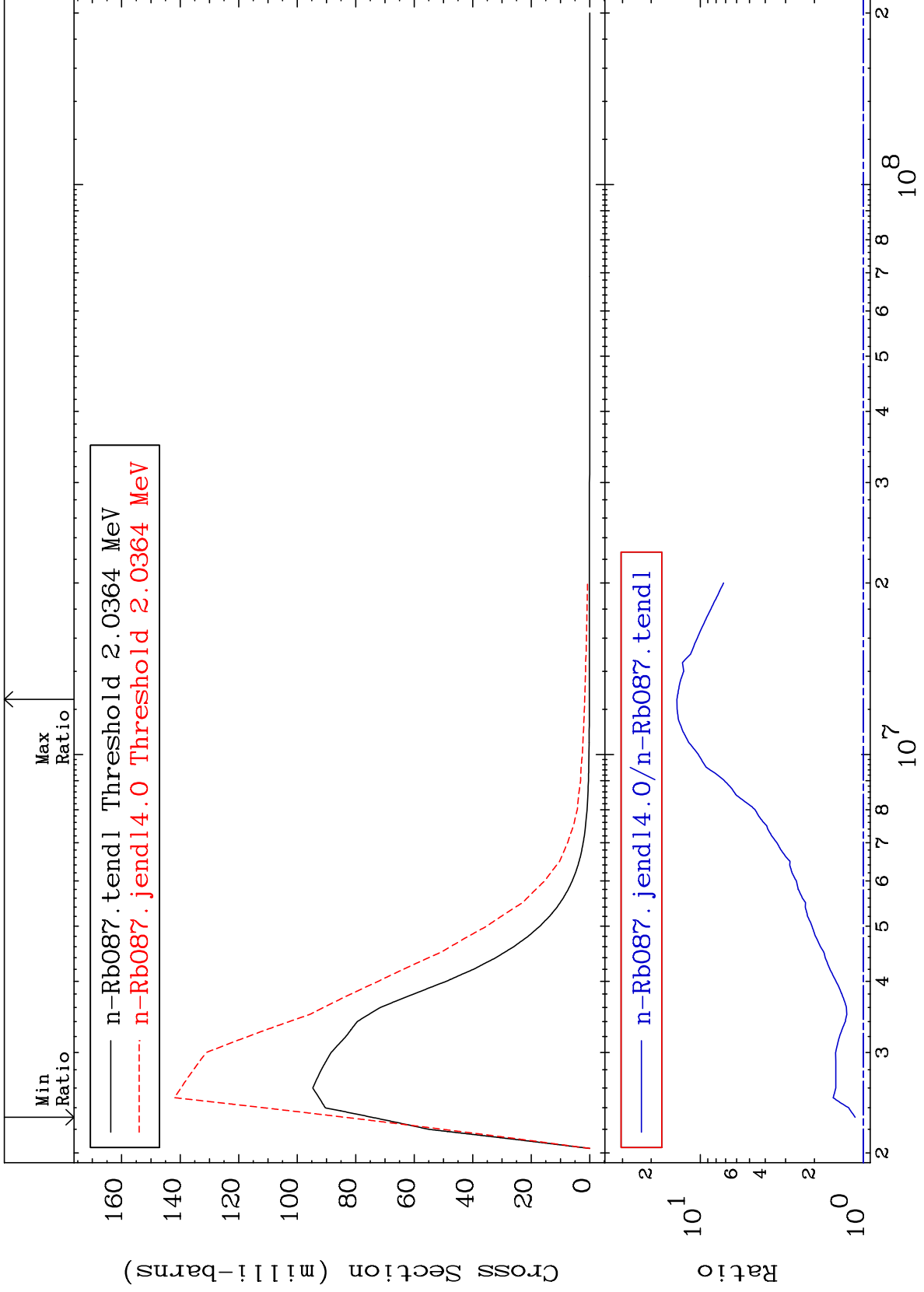




MAT 3731

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

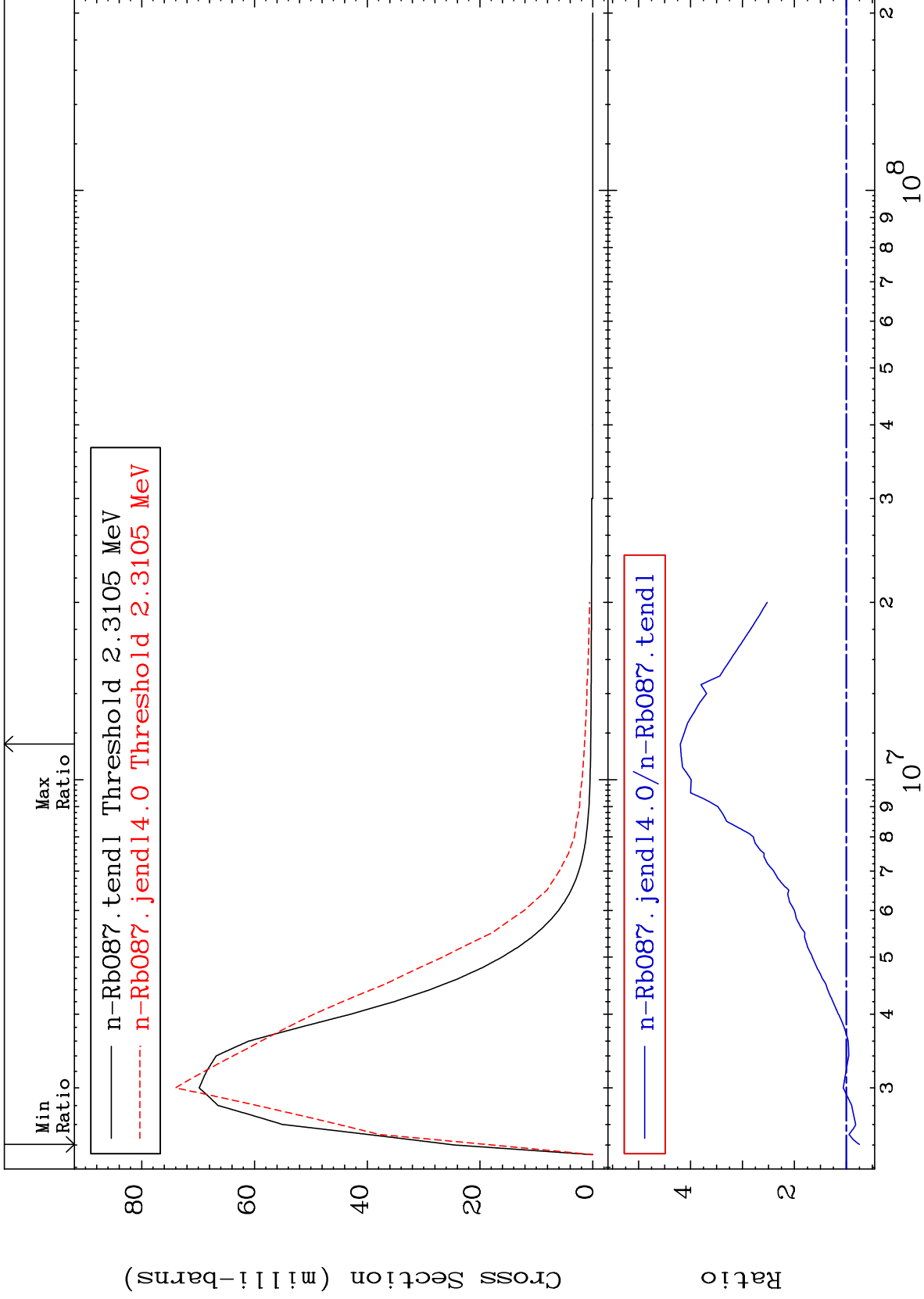
37-Rb-87
12.55 To 1292. %

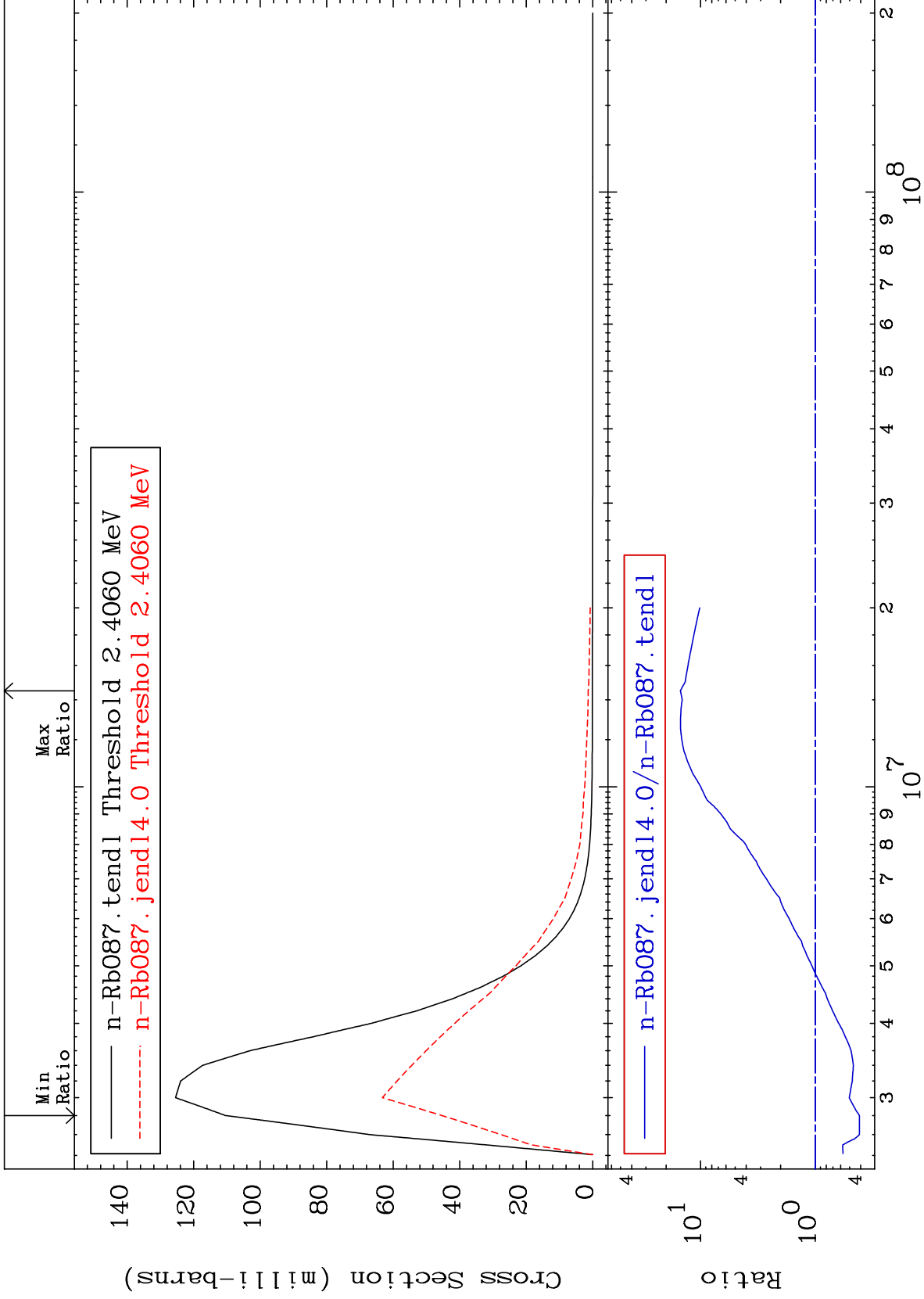


MAT 3731

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

37-Rb-87
-25.15 To 319.6 %

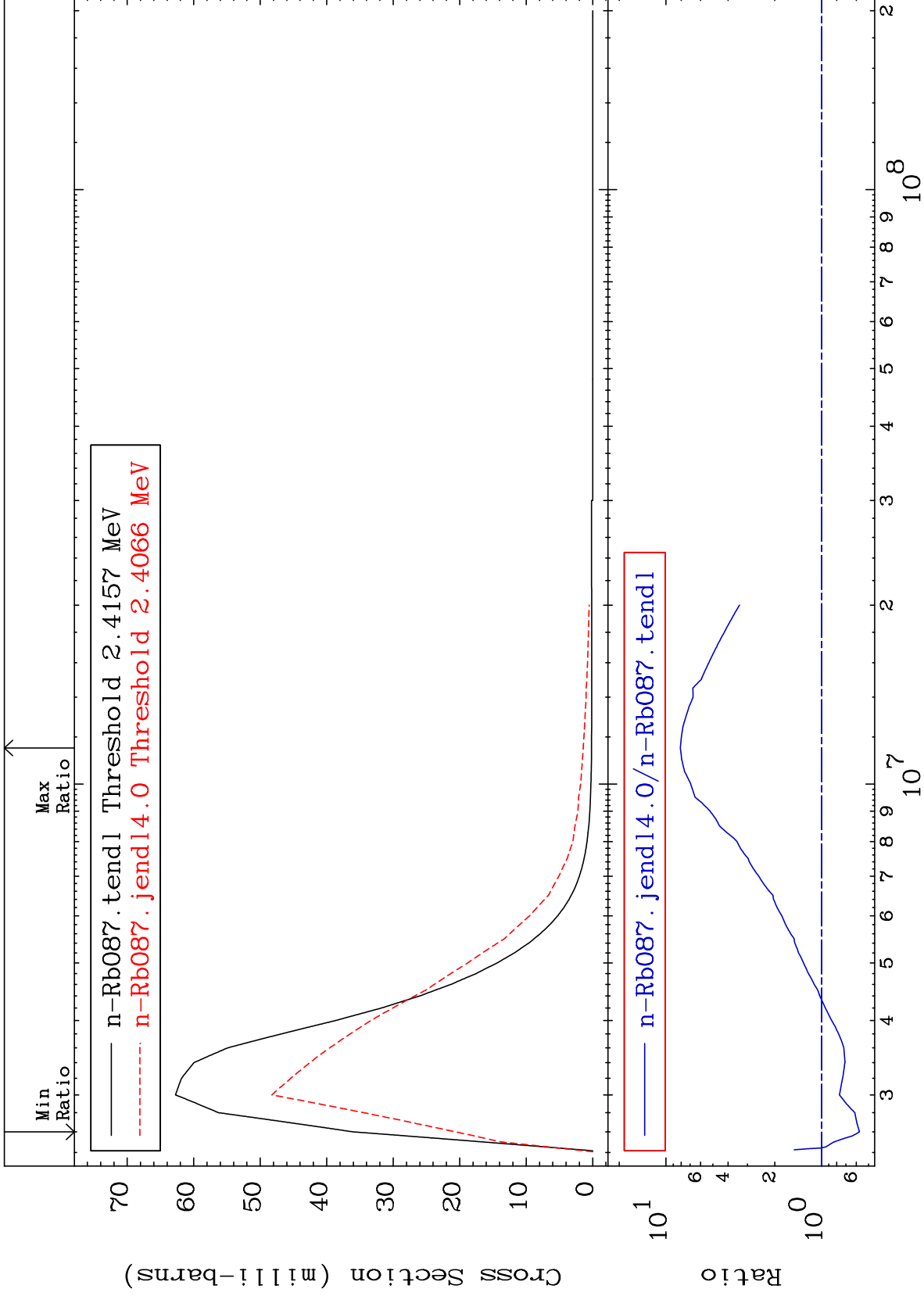




MAT 3731

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

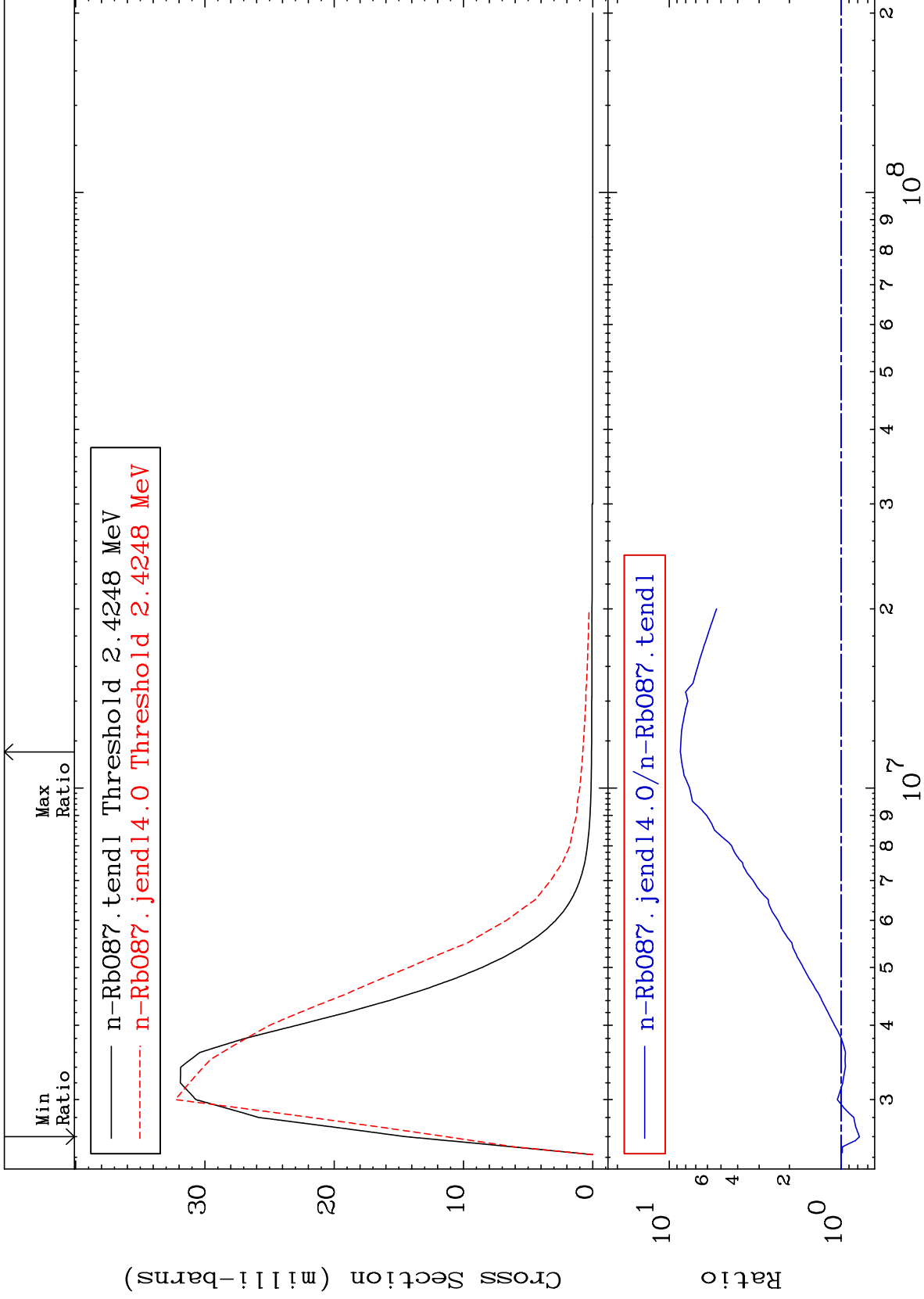
37-Rb-87
-42.75 To 709.0 %

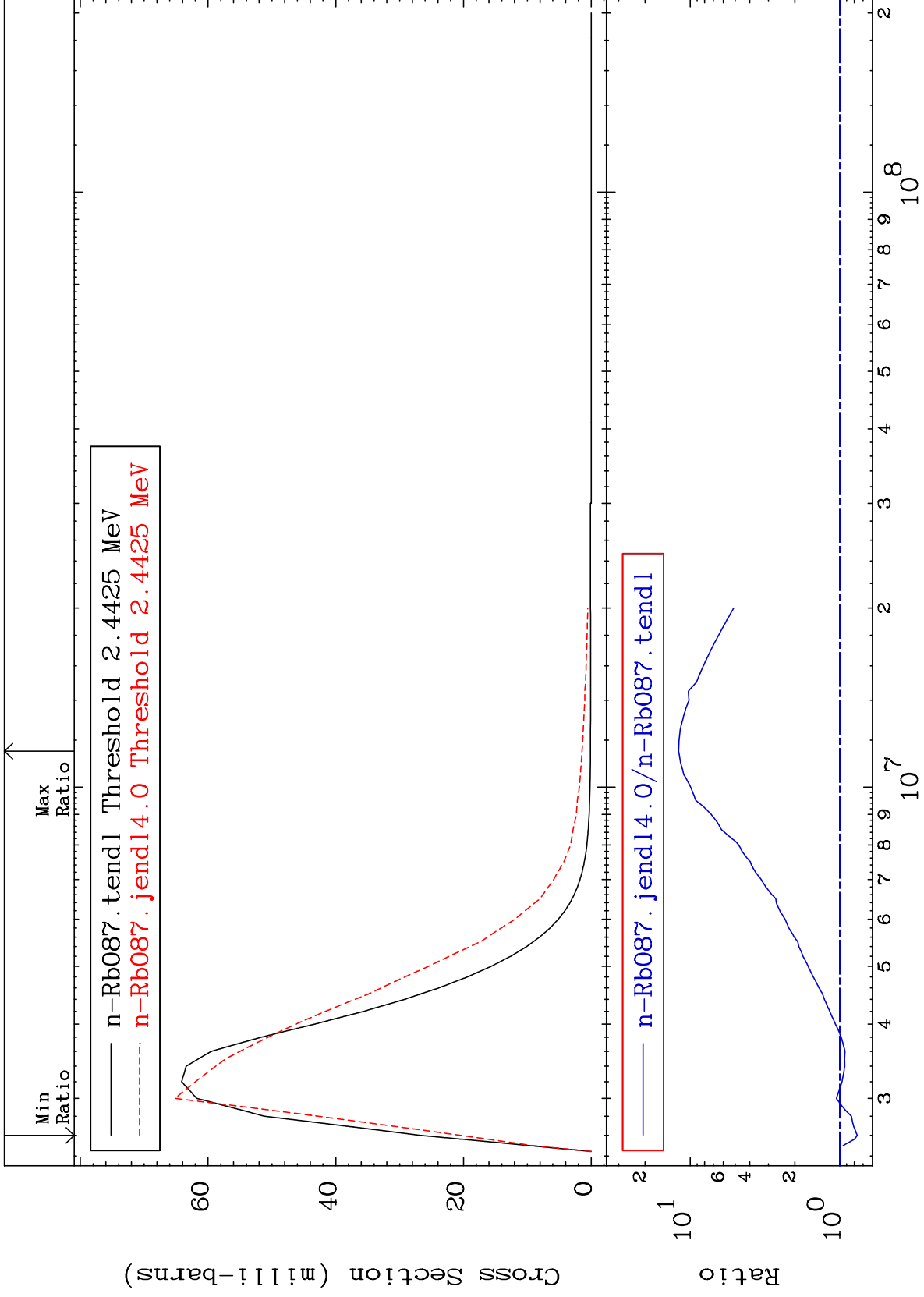


MAT 3731

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

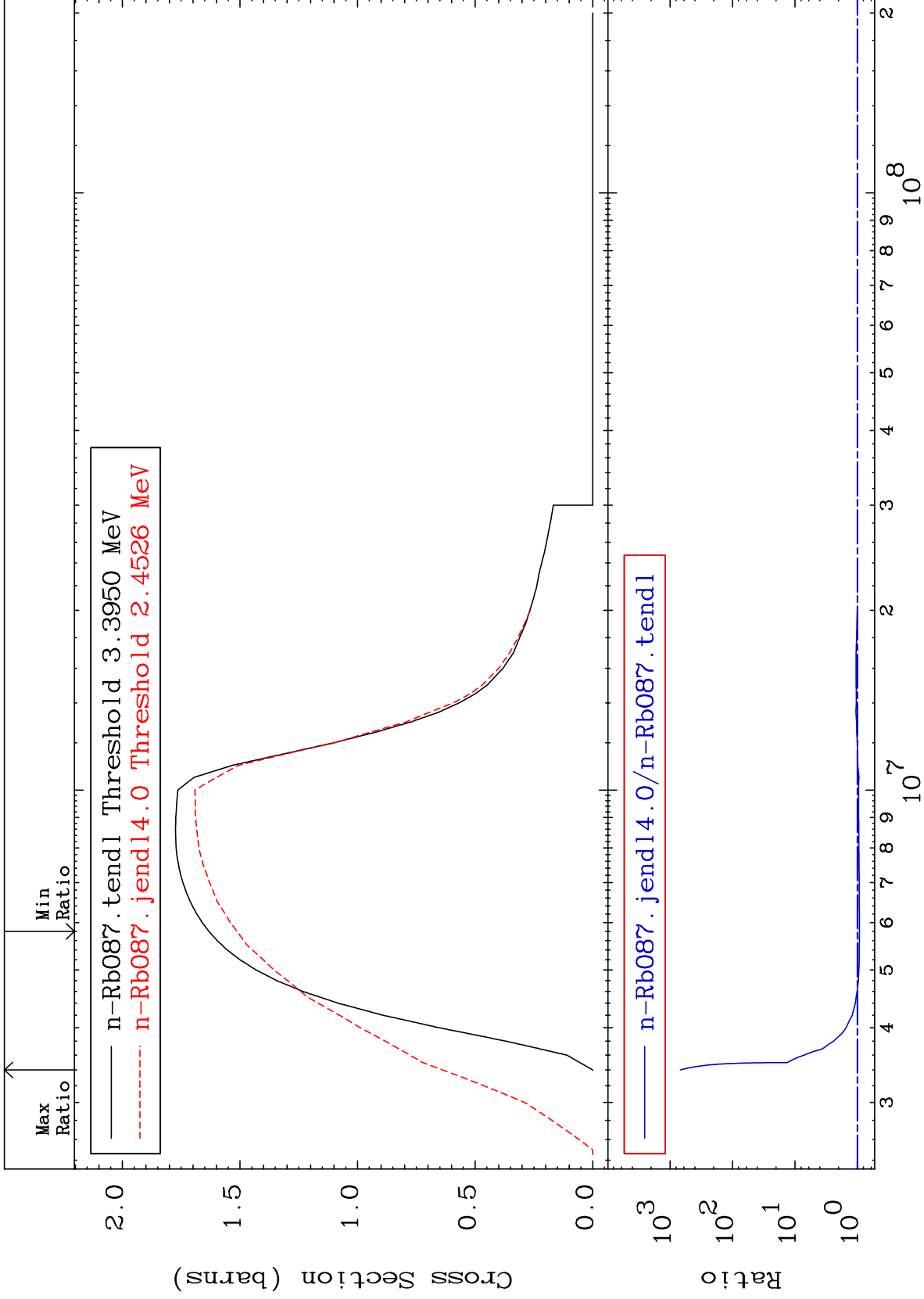
37-Rb-87
-21.72 To 760.8 %





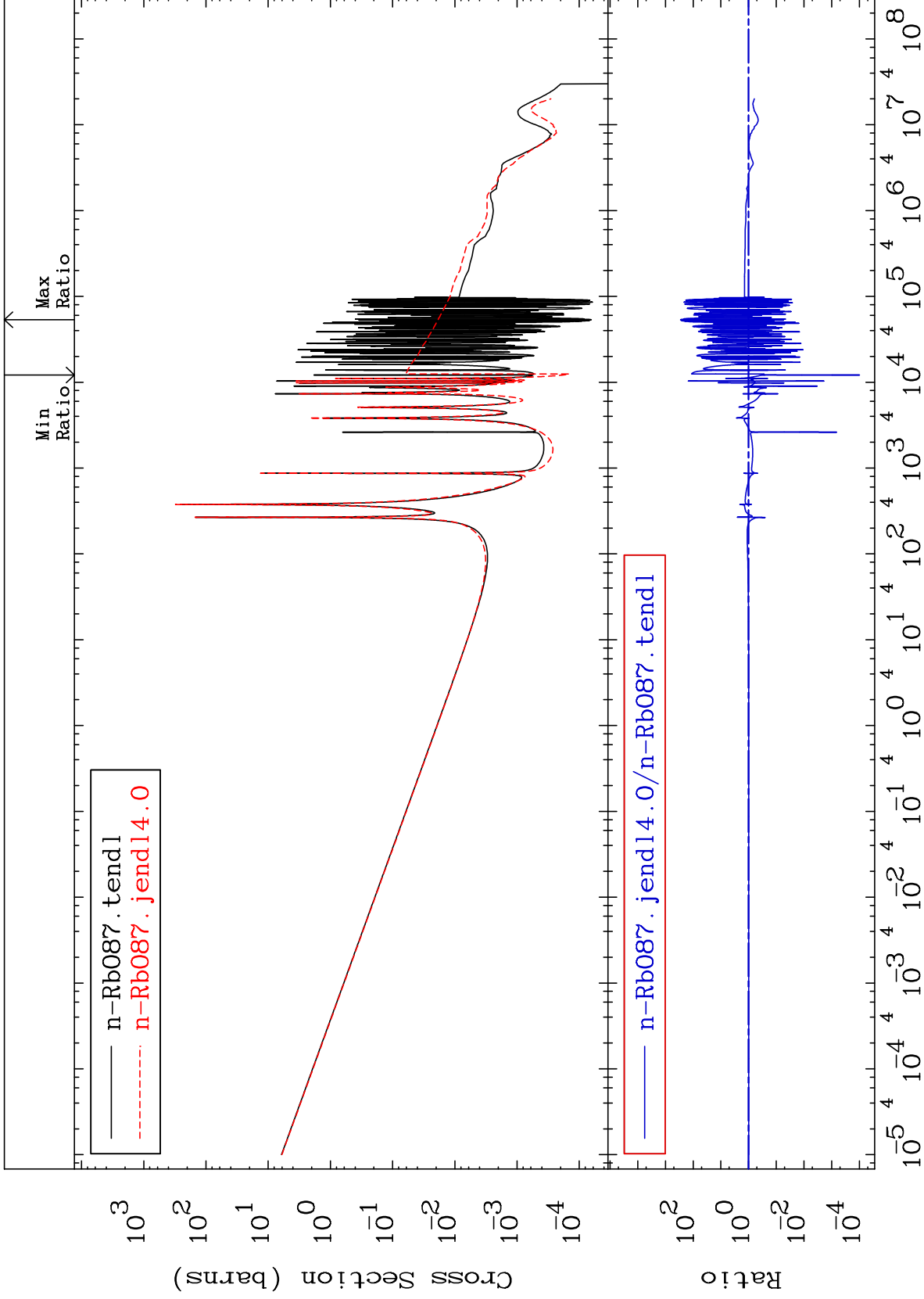
— n-Rb087.tendl Threshold 2.4425 MeV
- - - n-Rb087.jendl4.0 Threshold 2.4425 MeV

— n-Rb087.jendl4.0/n-Rb087.tendl



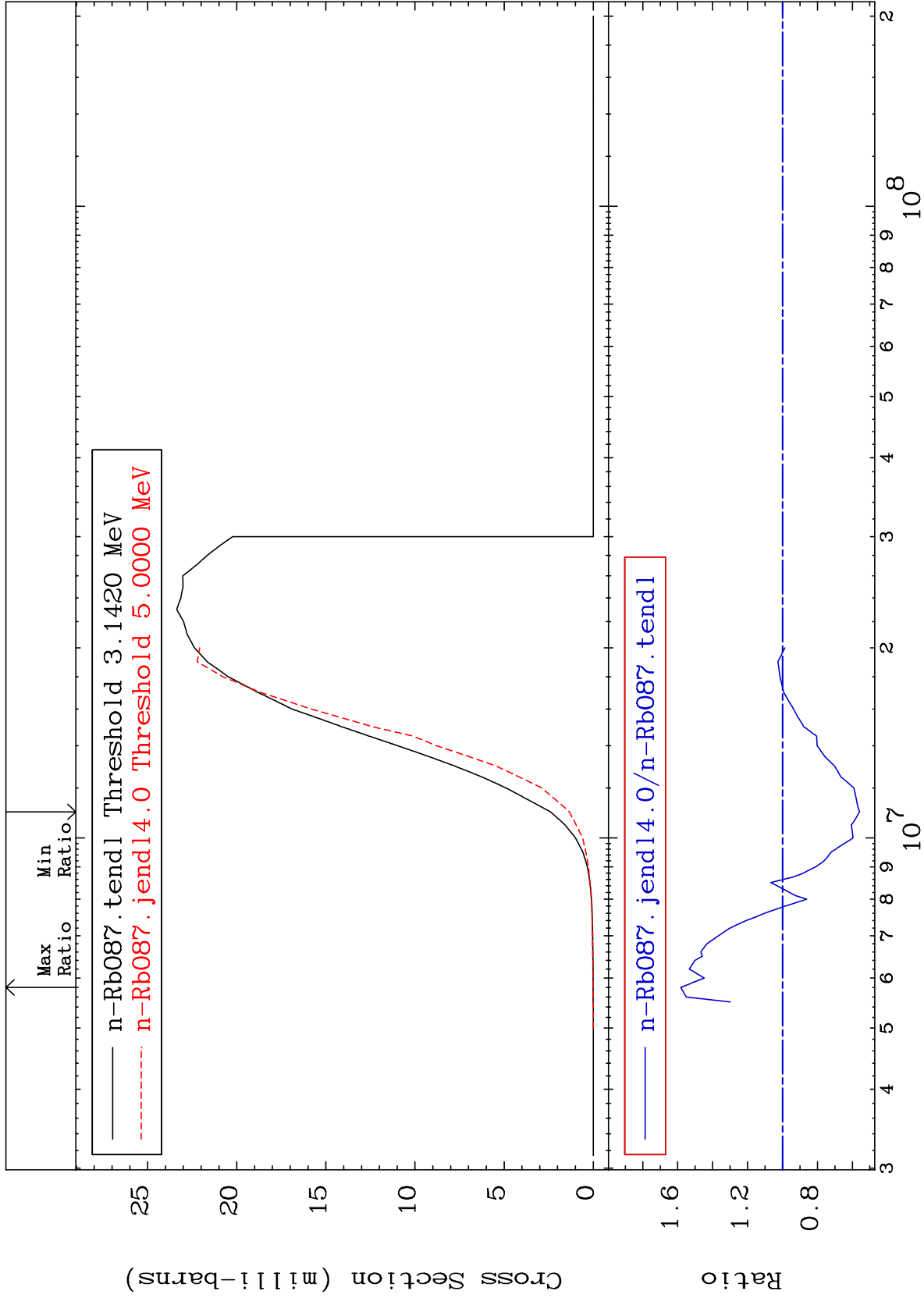
Cross Section

-99.99 To 9999. %



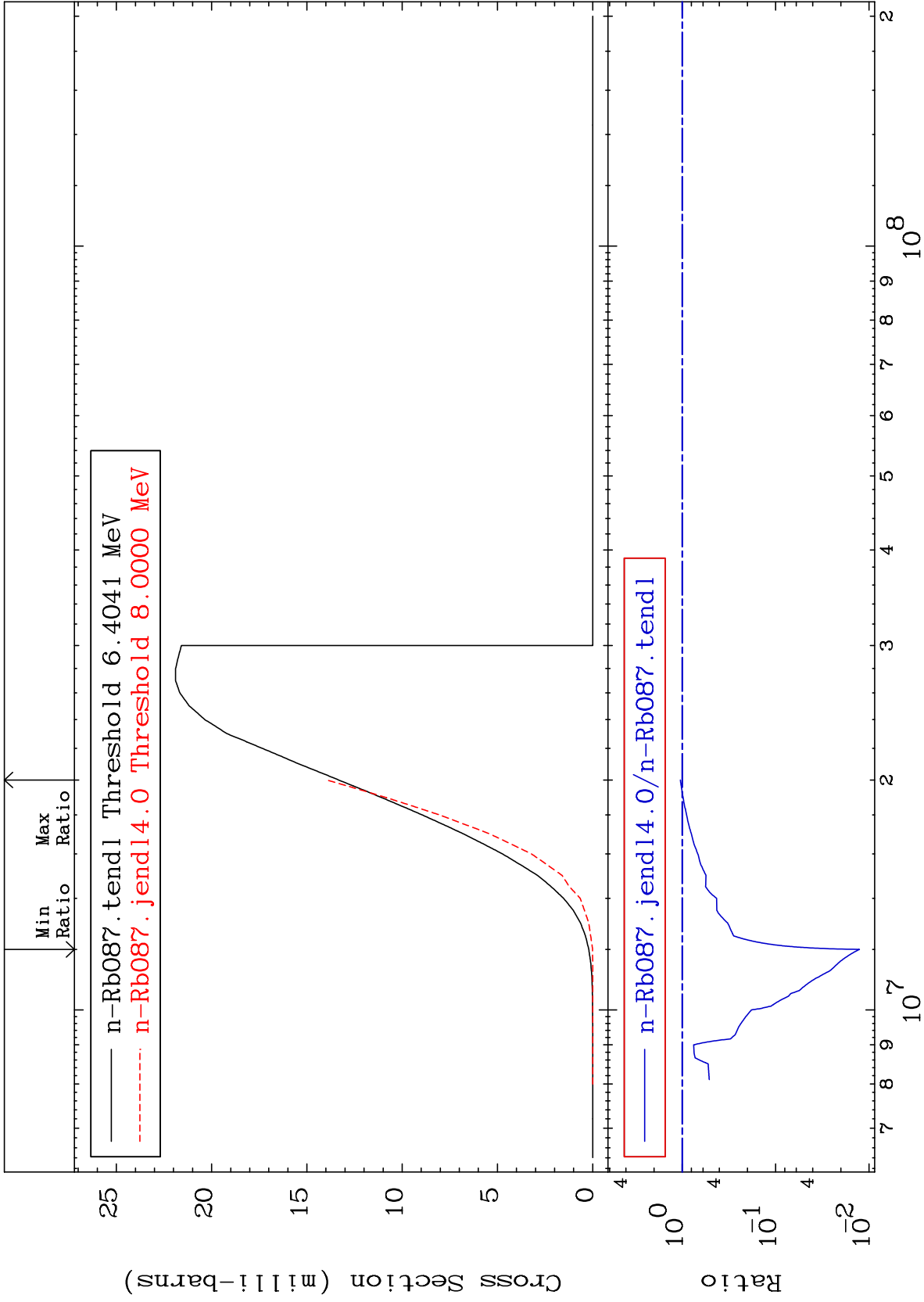
Cross Section

-44.11 To 58.24 %



Cross Section

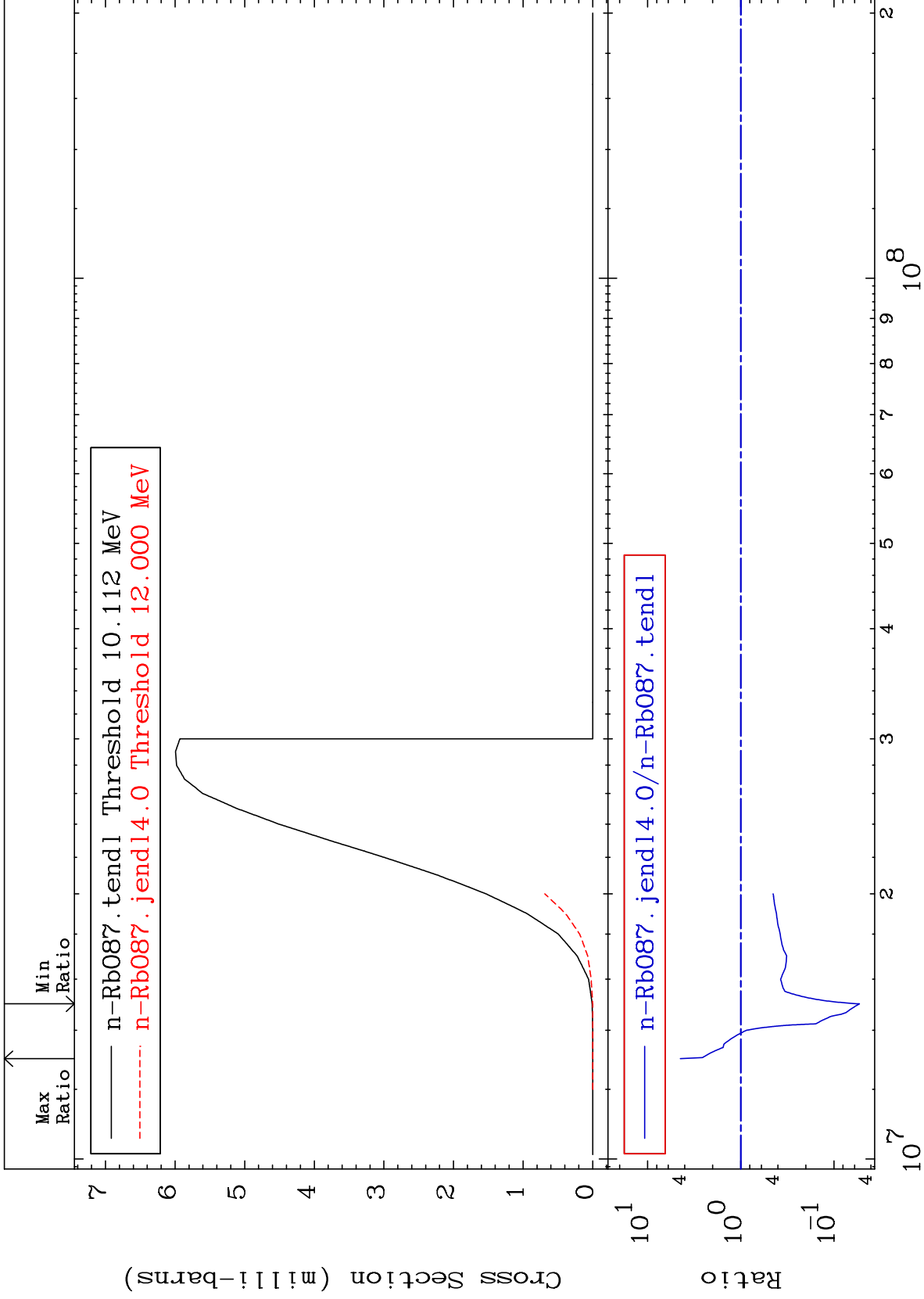
-98.73 To 4.707 %



MAT 3731

(n, t)
Cross Section

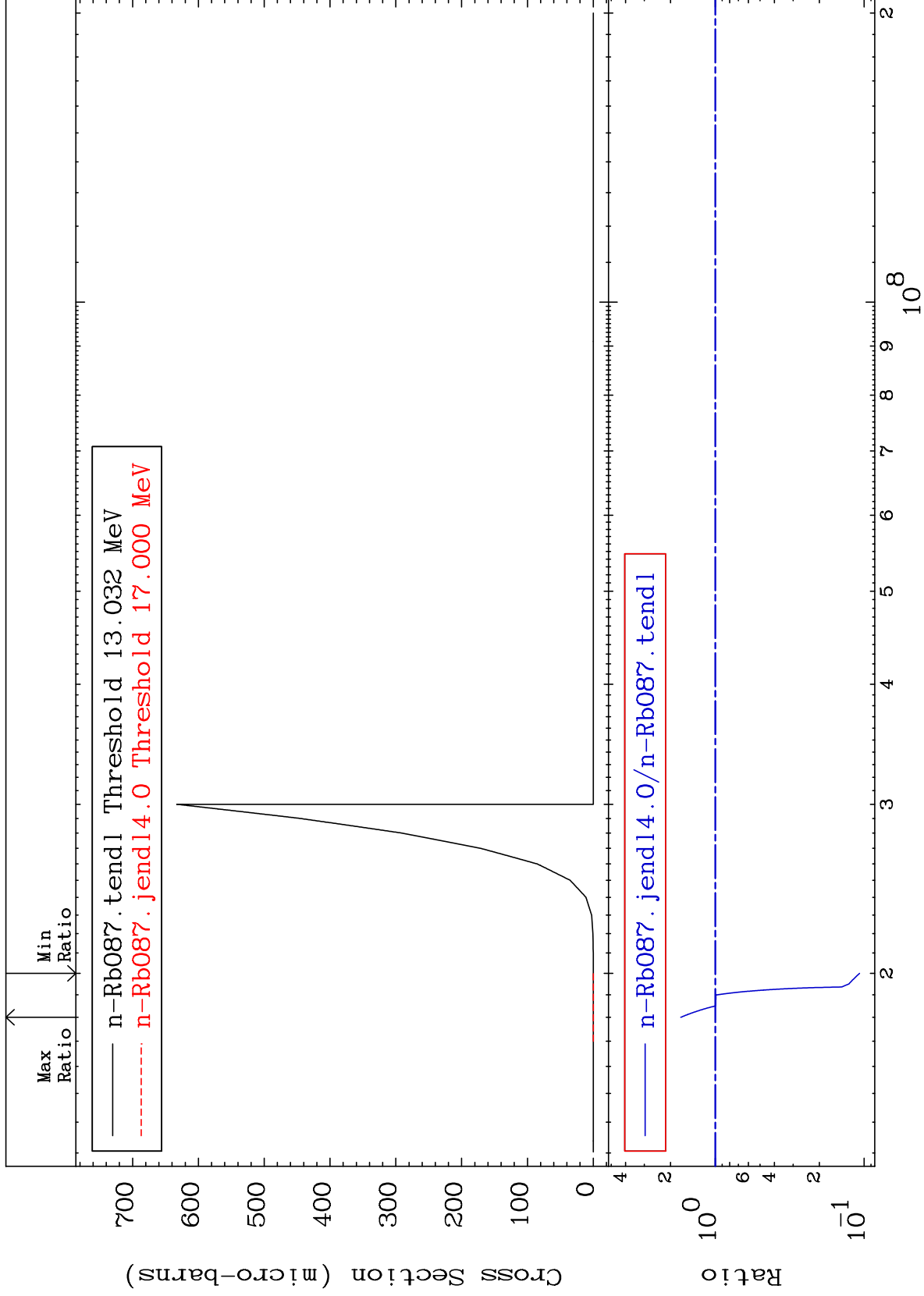
³⁷Rb-87
-94.68 To 345.3 %

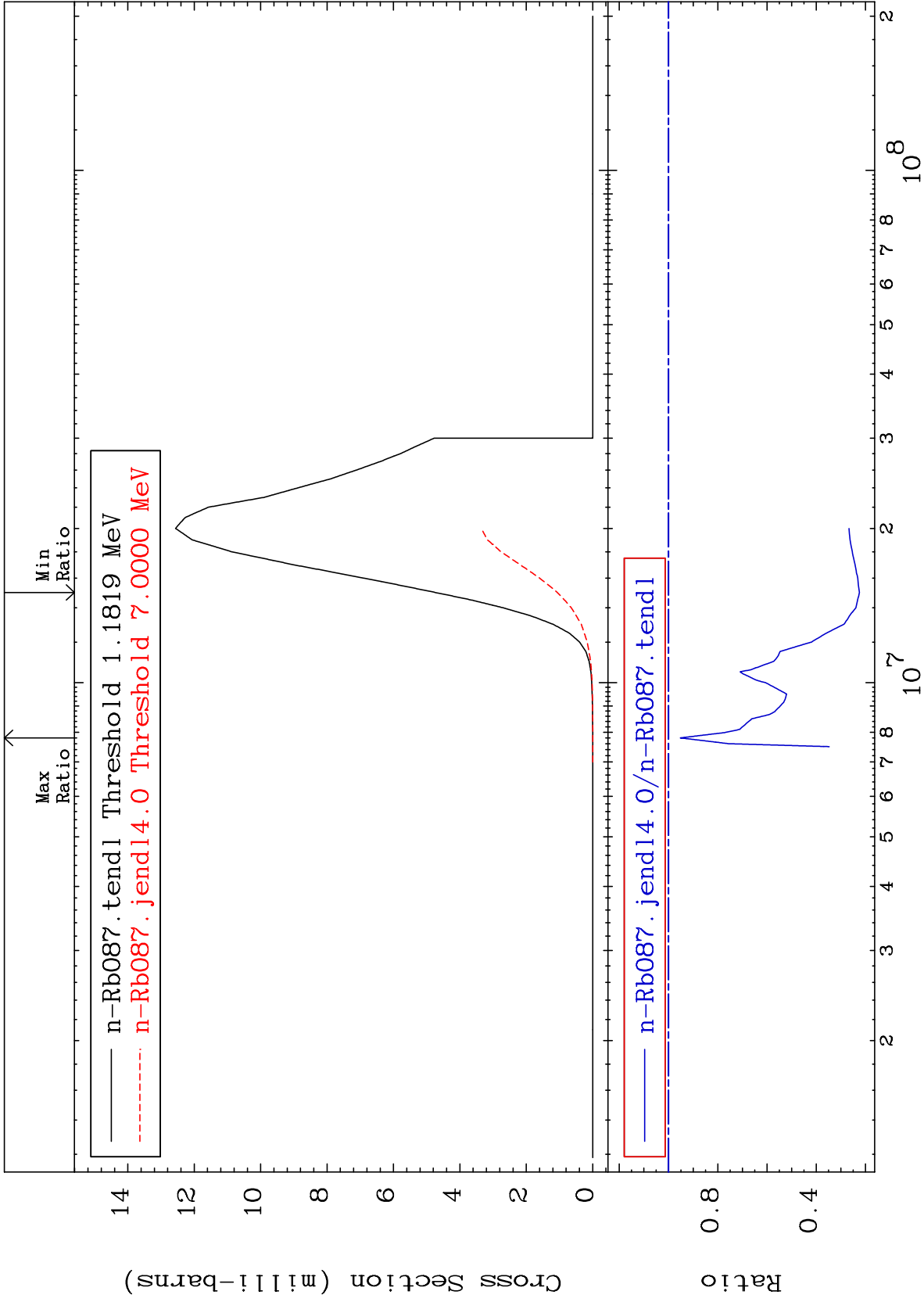


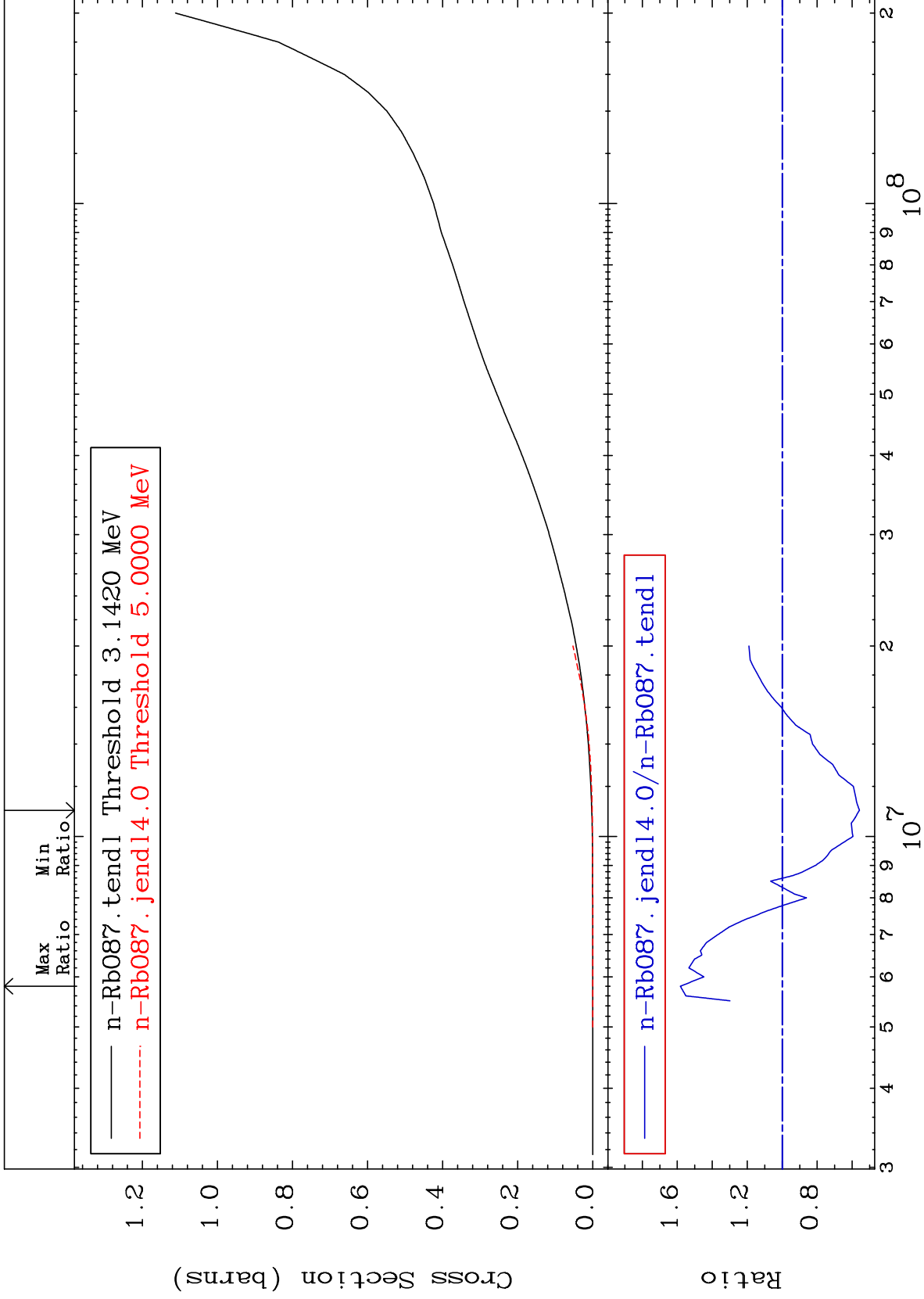
28

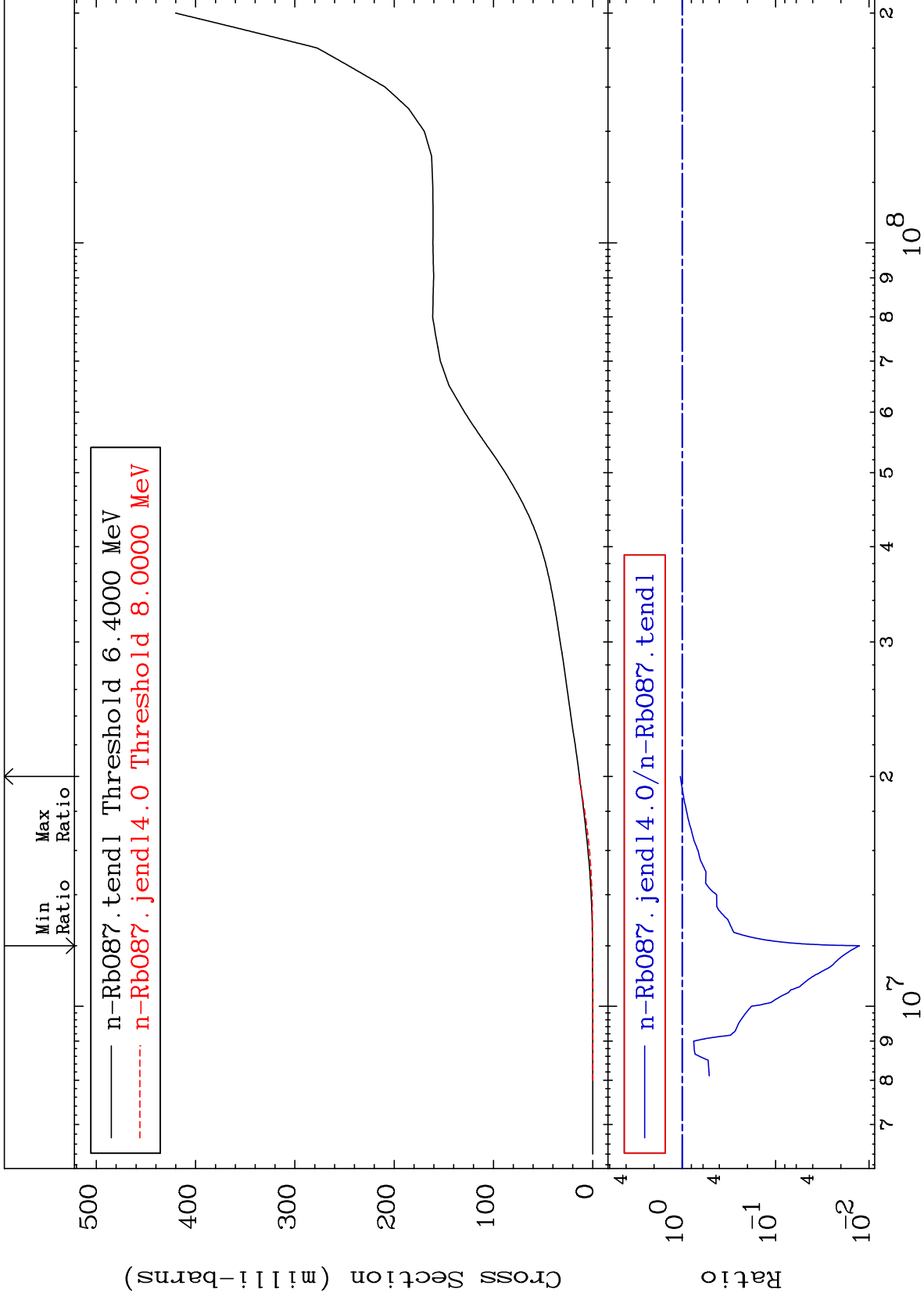
Incident Energy (eV)

³⁷Rb-87





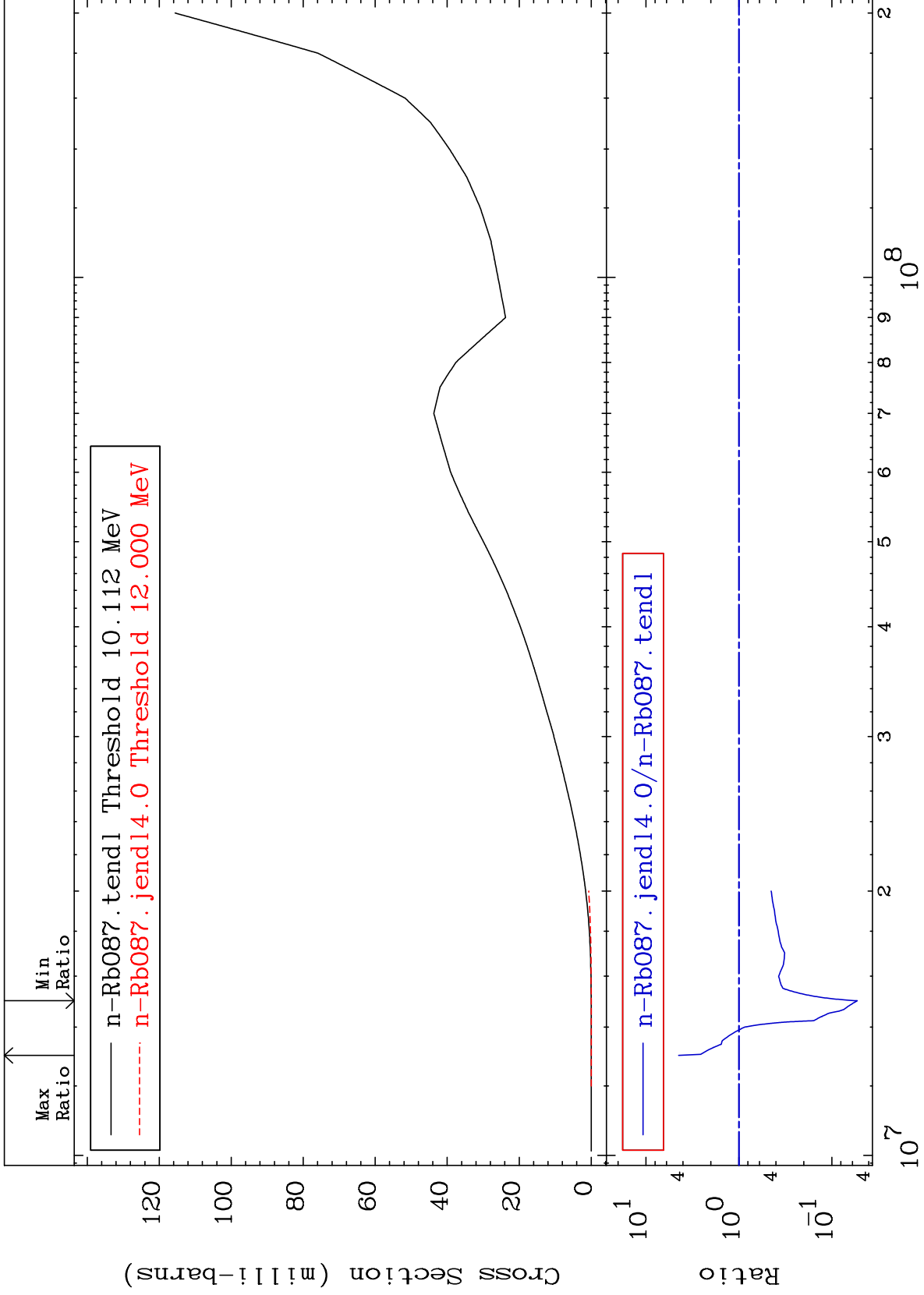




MAT 3731

Tritium Production
Cross Section

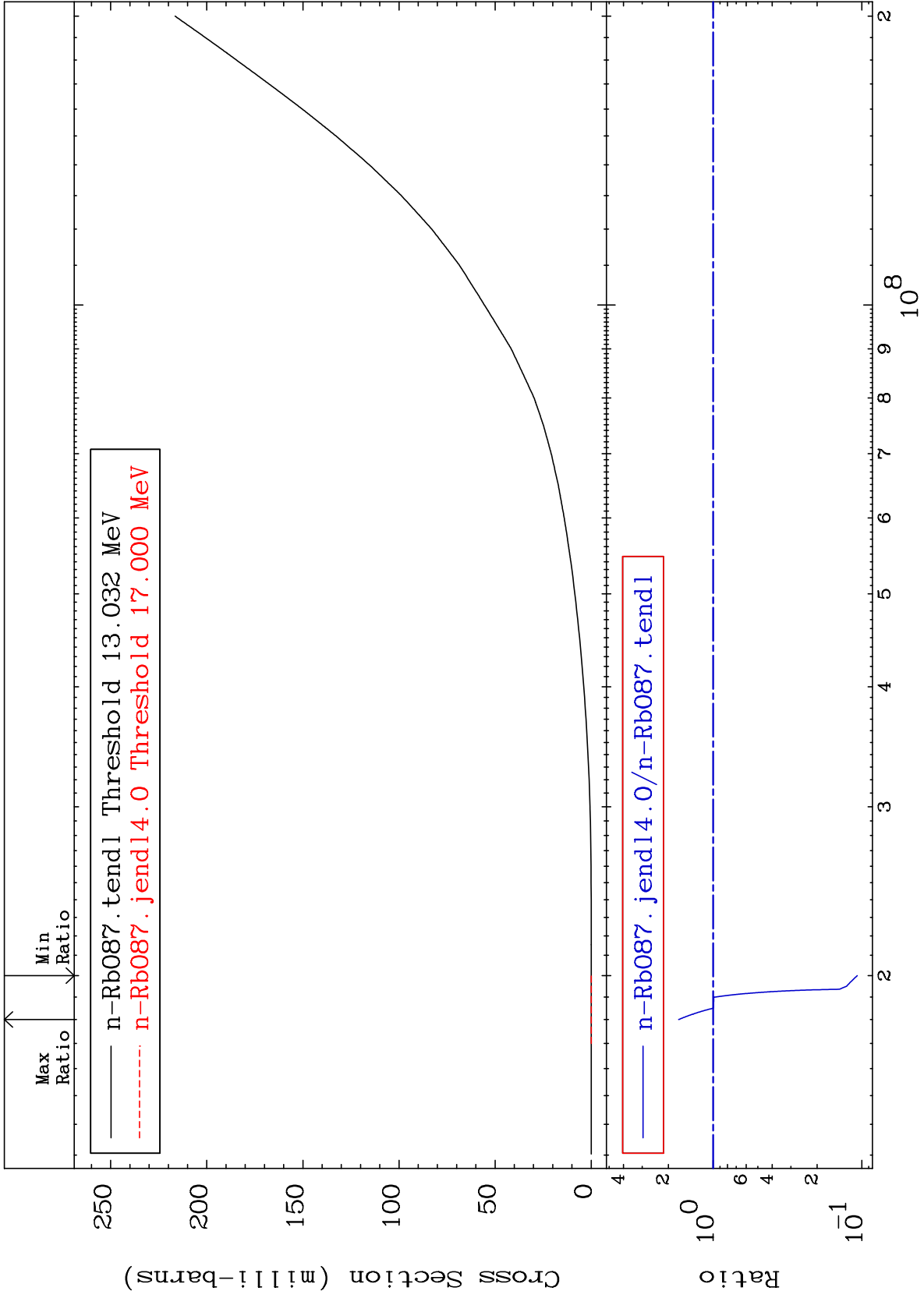
³⁷Rb-87
-94.68 To 345.3 %

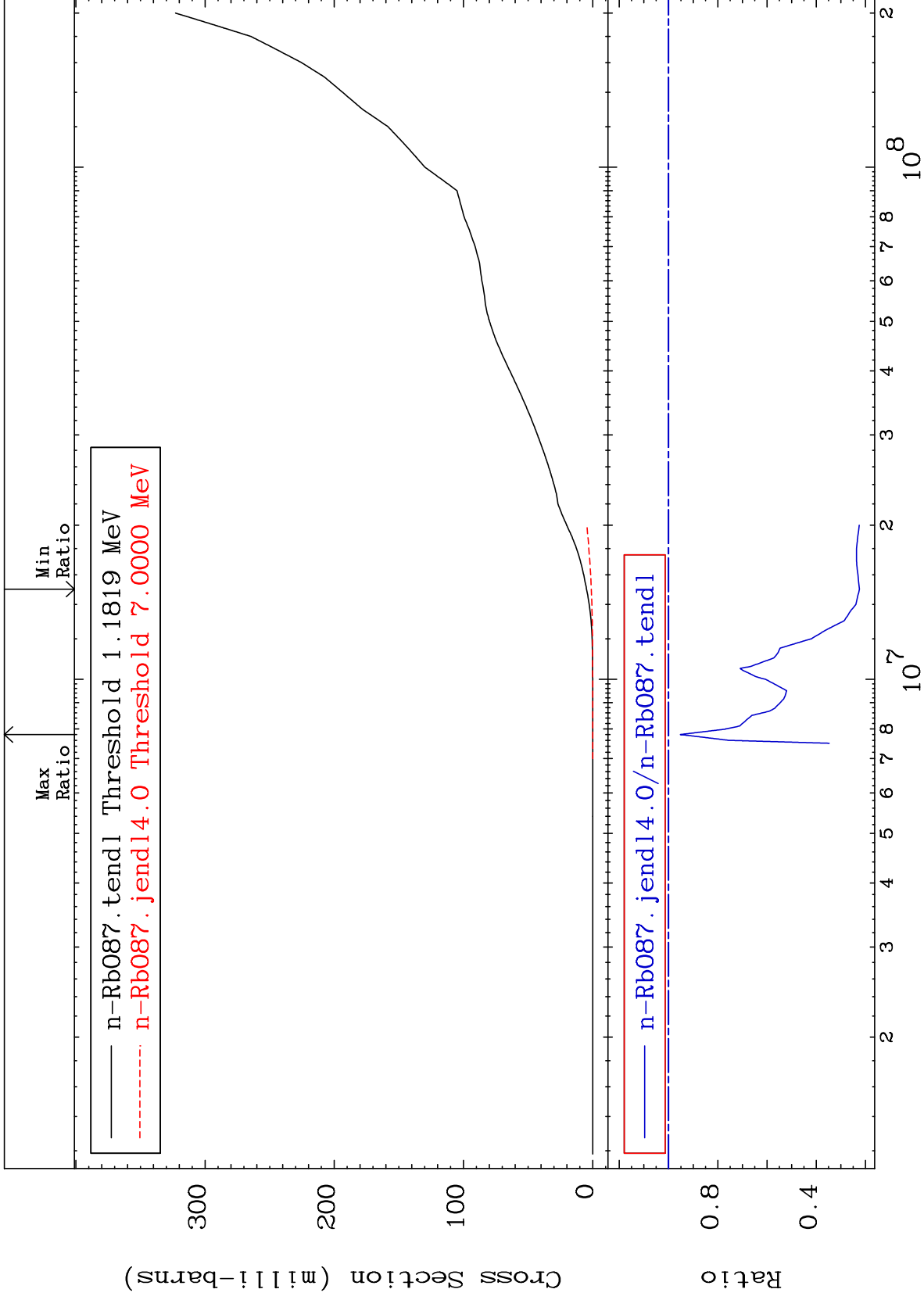


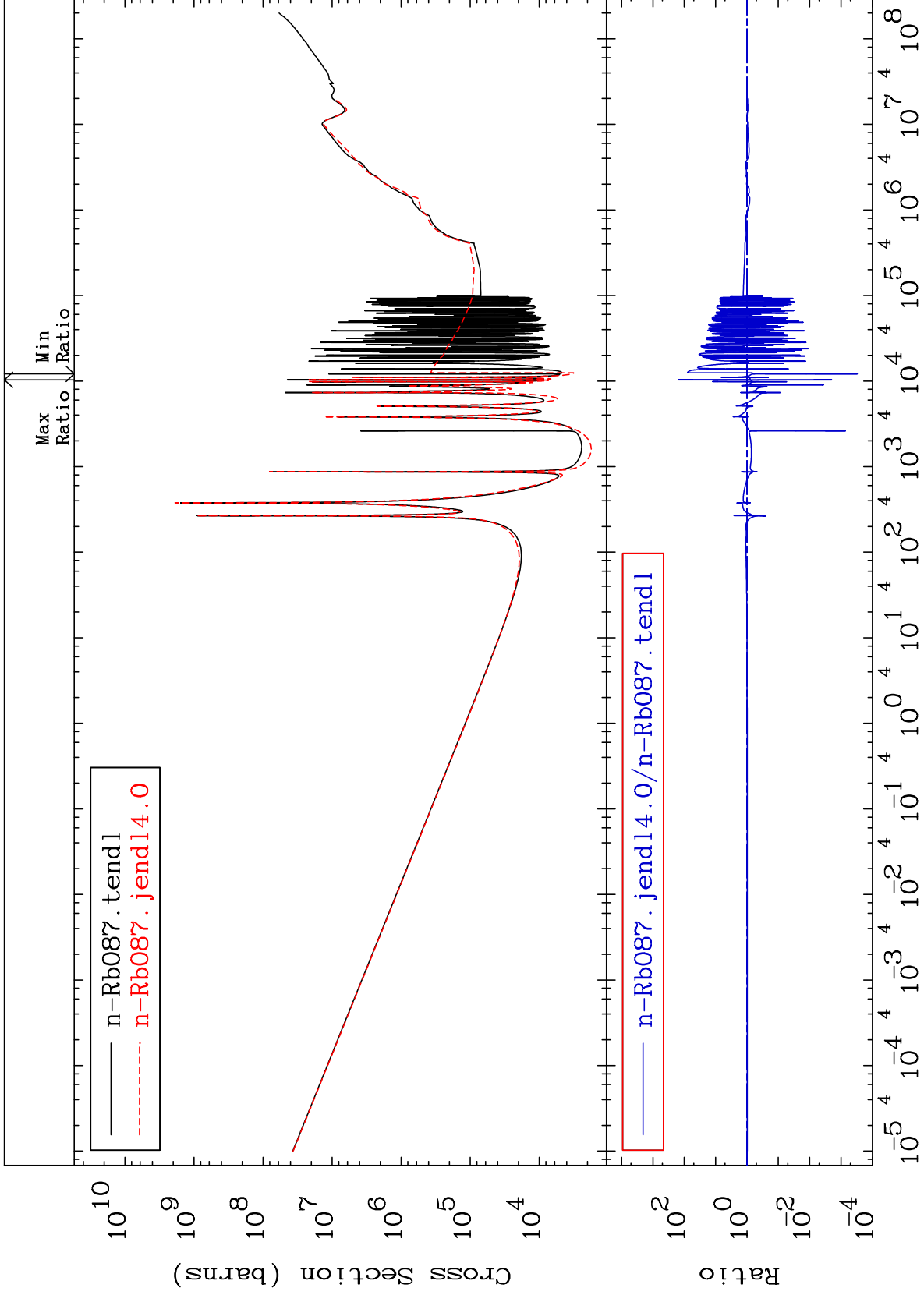
33

Incident Energy (eV)

³⁷Rb-87



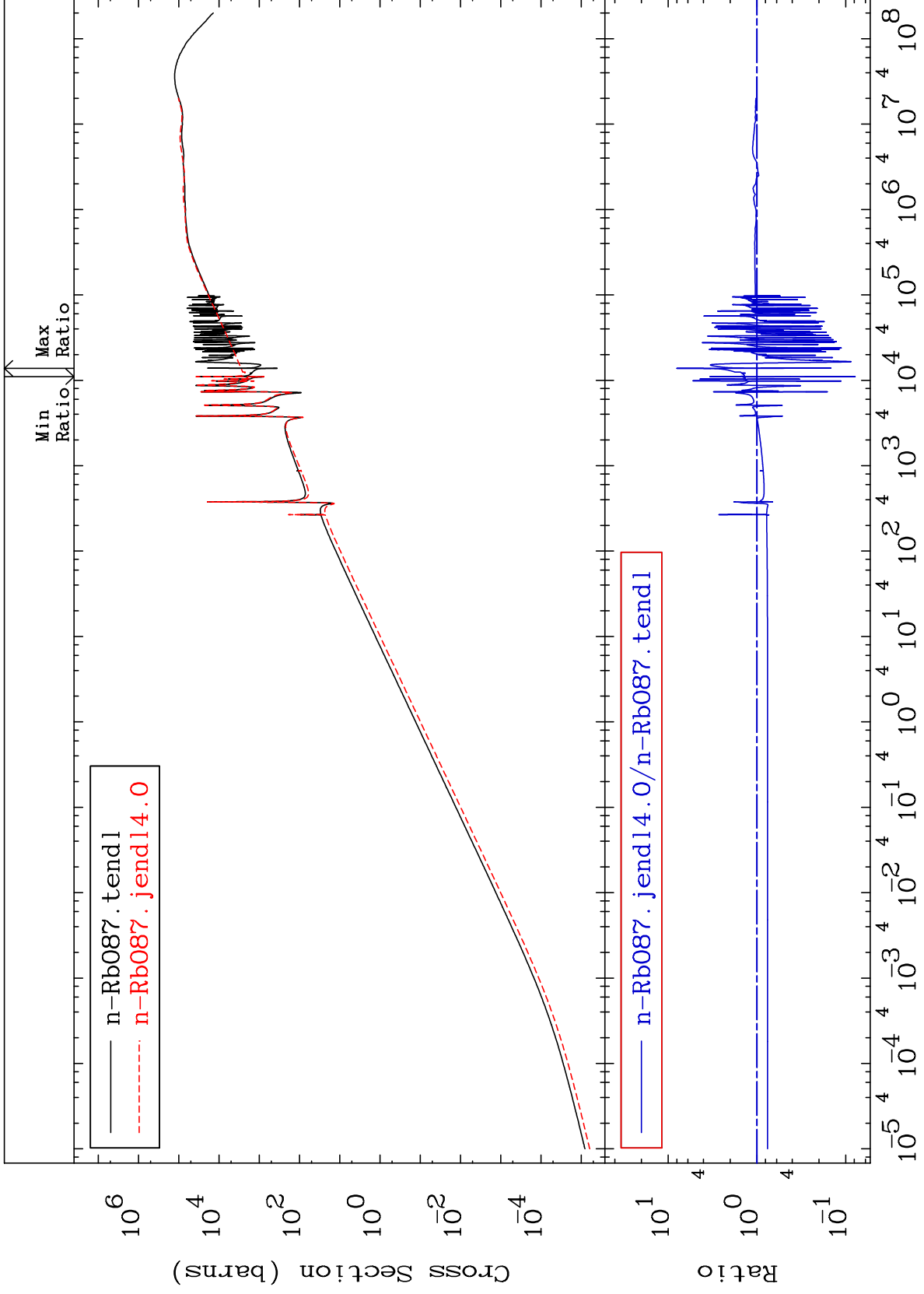




MAT 3731

Kerma elastic
Cross Section

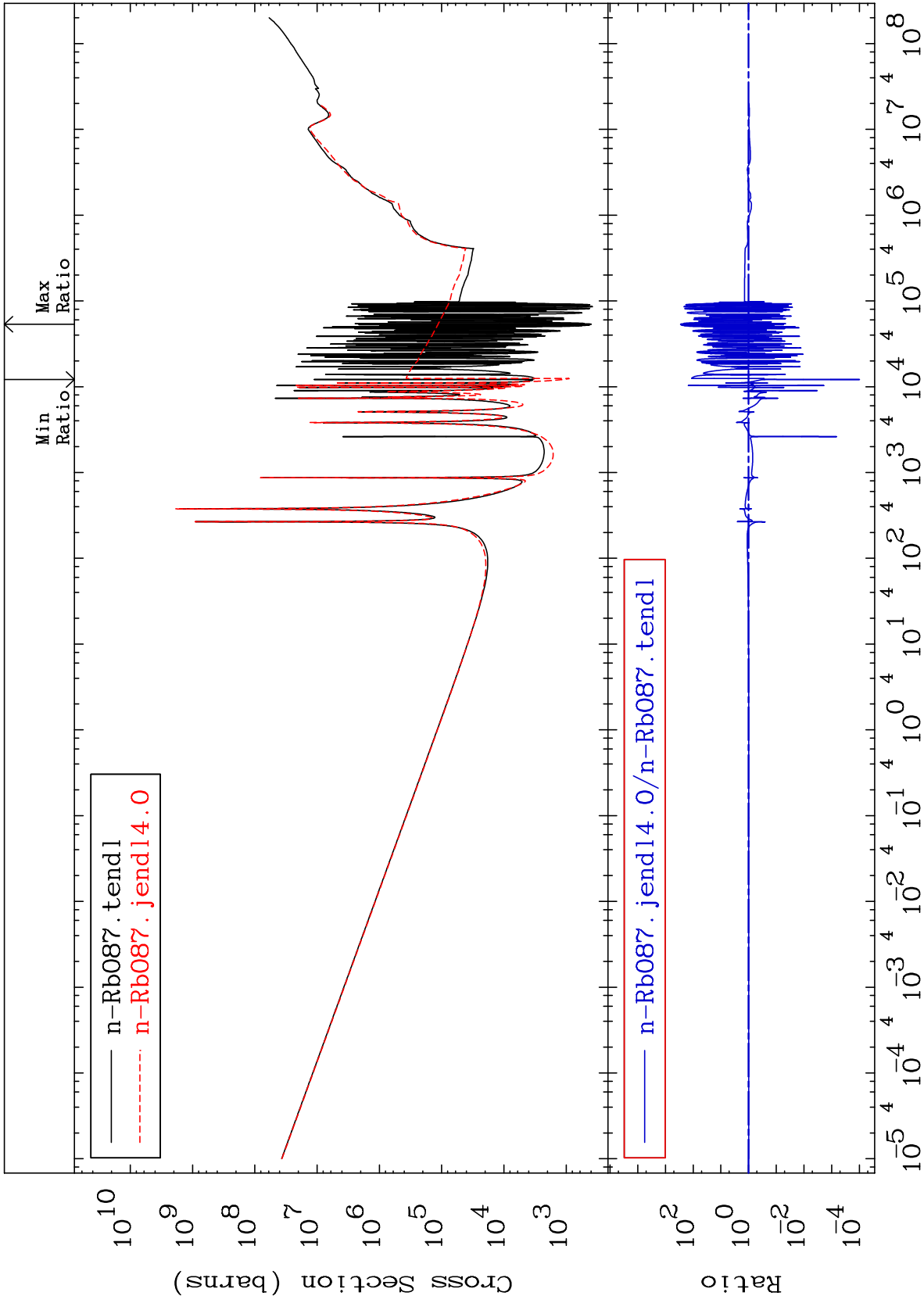
37-Rb-87
-92.16 To 697.9 %

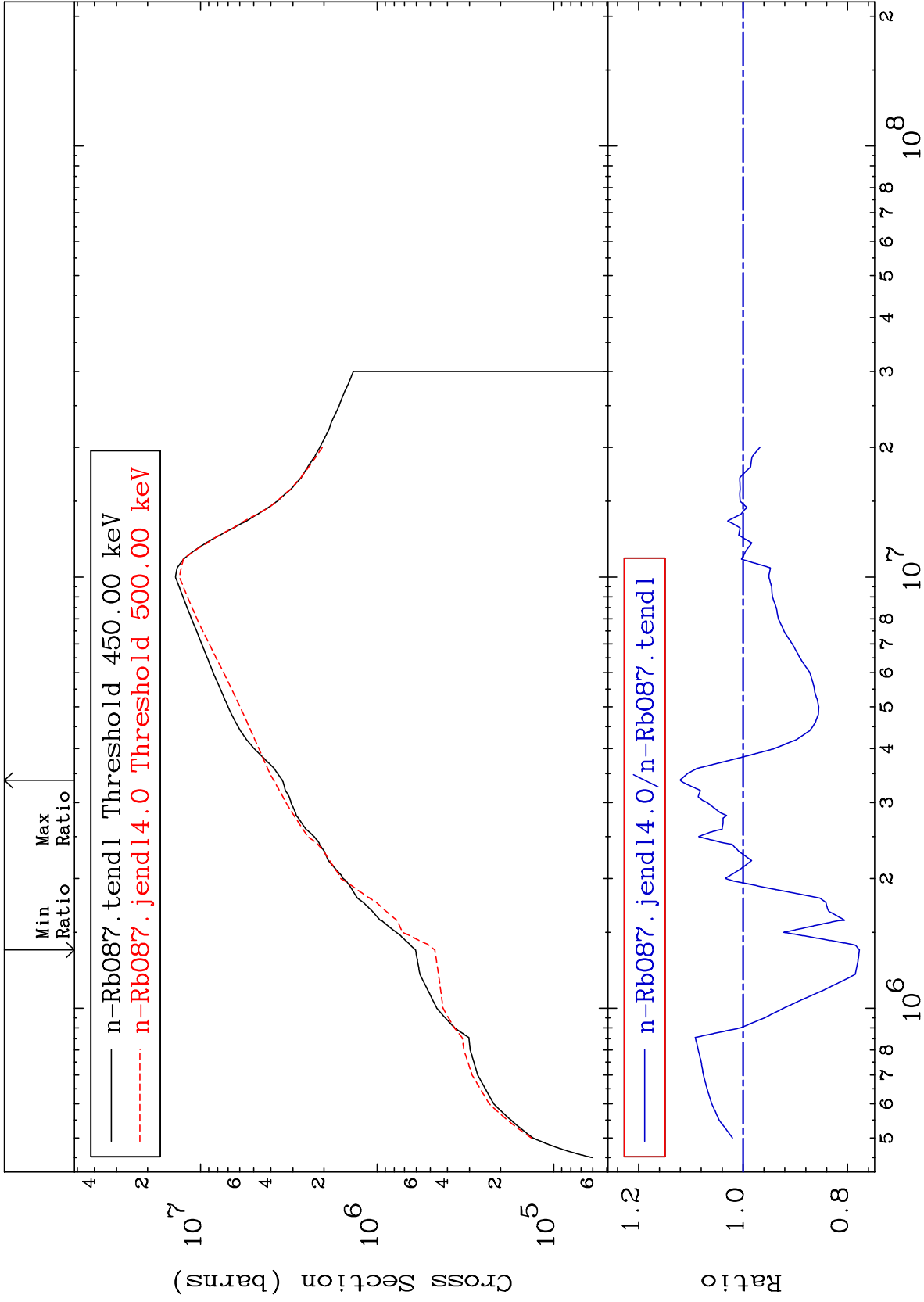


37

Incident Energy (eV)

37-Rb-87

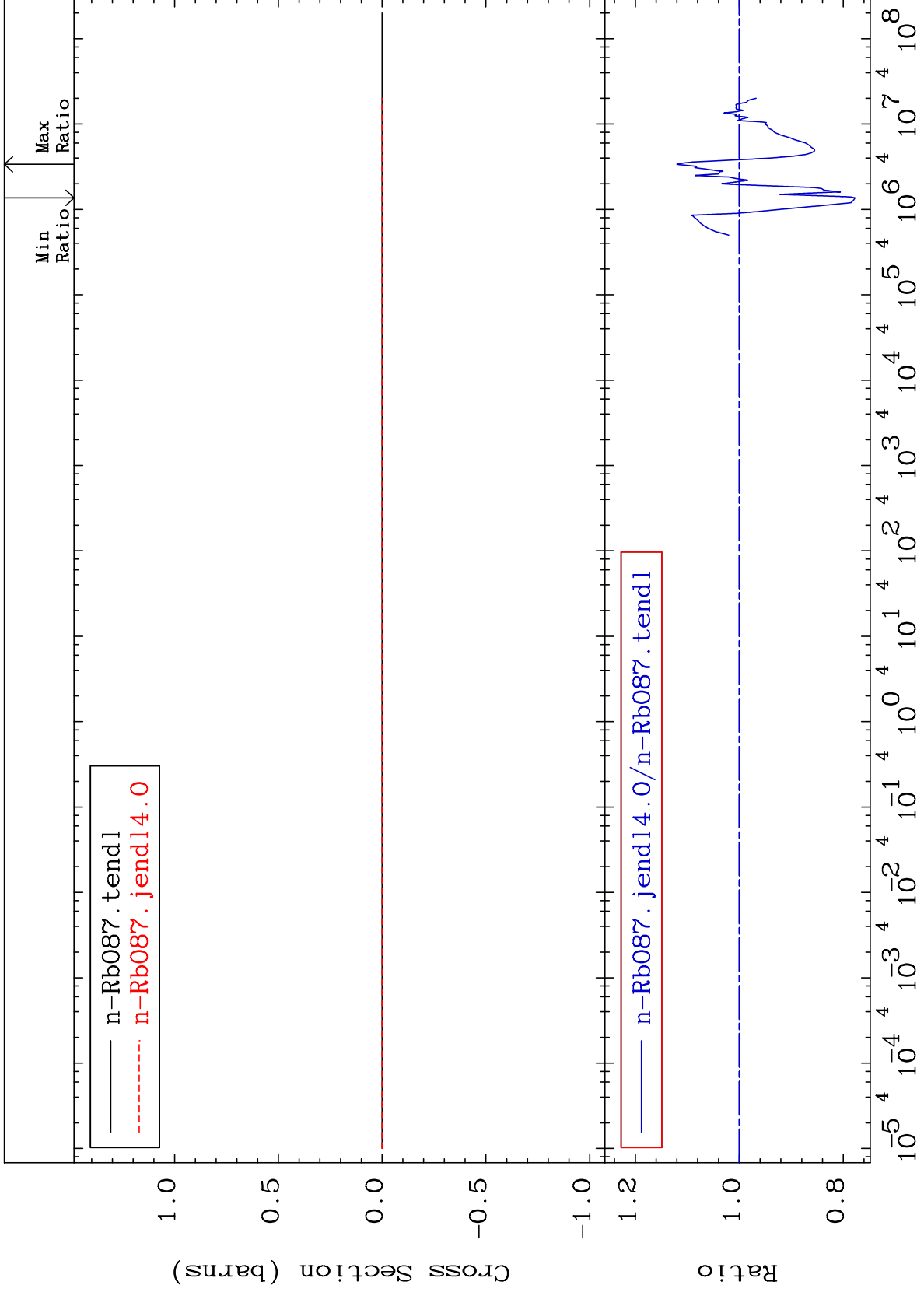




MAT 3731

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

37-Rb-87
-22.28 To 12.00 %



40

Incident Energy (eV)

37-Rb-87

