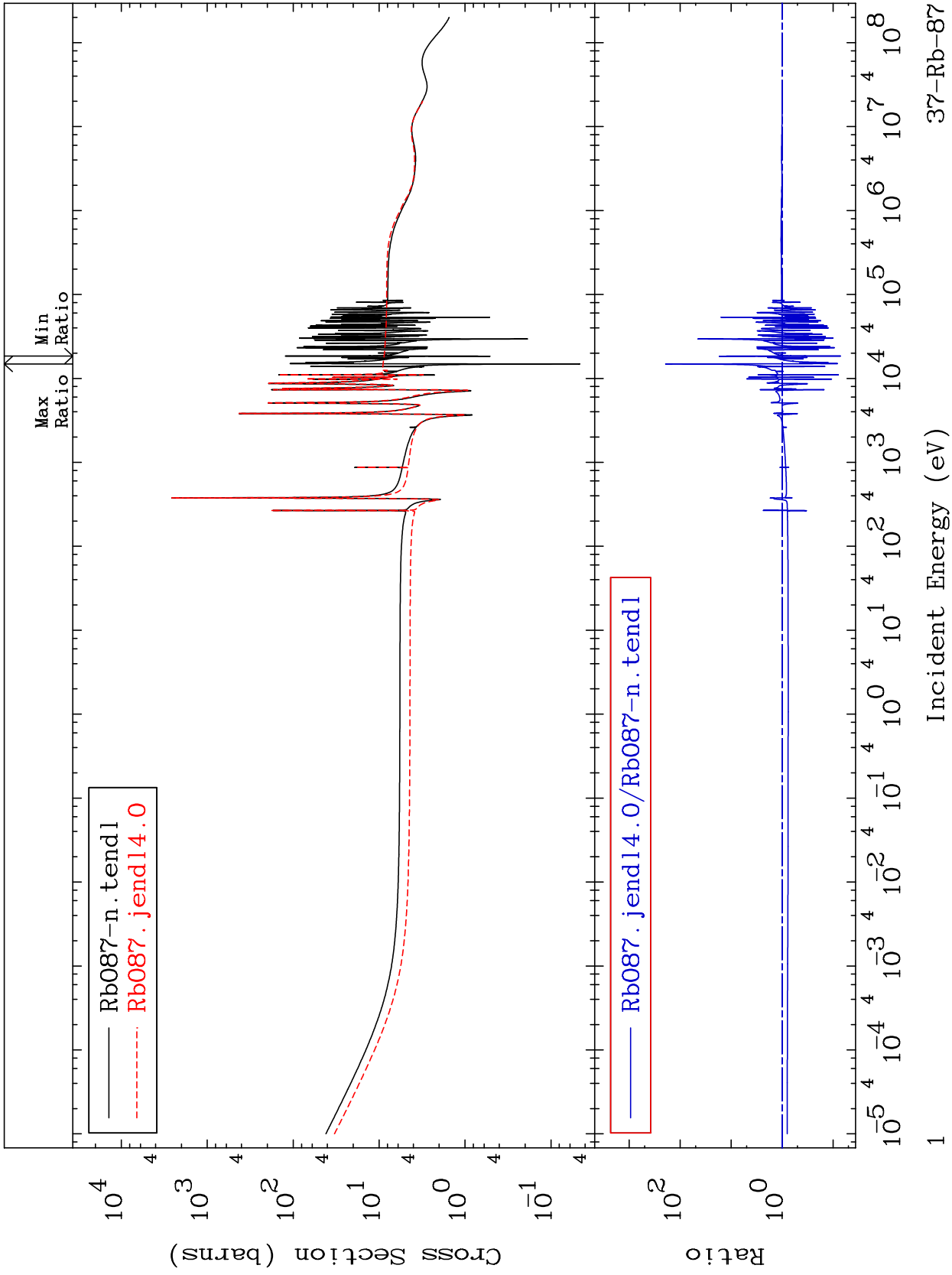


MAT 3731

Total
Cross Section

37-Rb-87
-92.88 To 9999. %



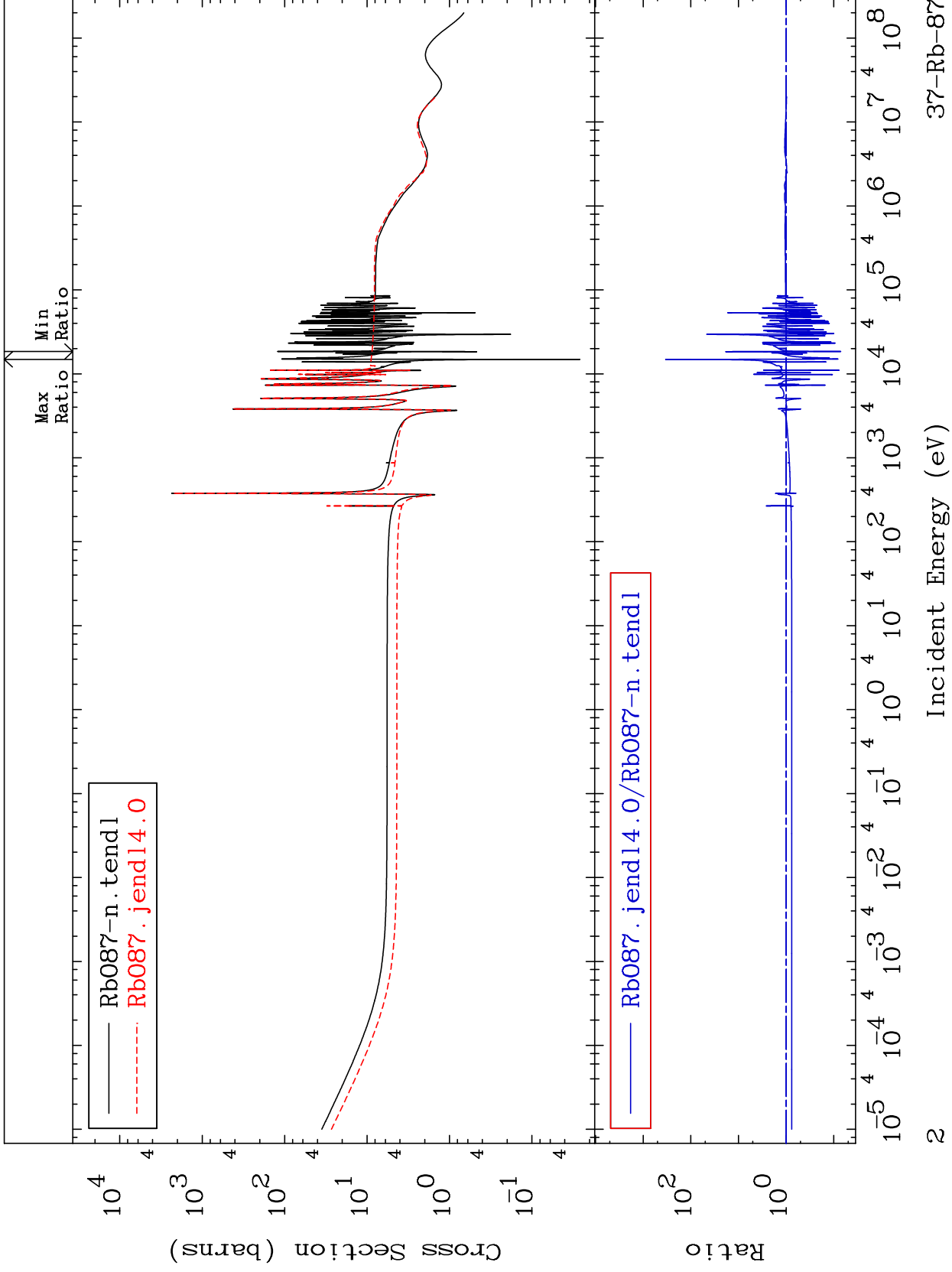
37-Rb-87

Incident Energy (eV)

MAT 3731

Elastic
Cross Section

37-Rb-87
-92.84 To 9999. %



37-Rb-87

Incident Energy (eV)

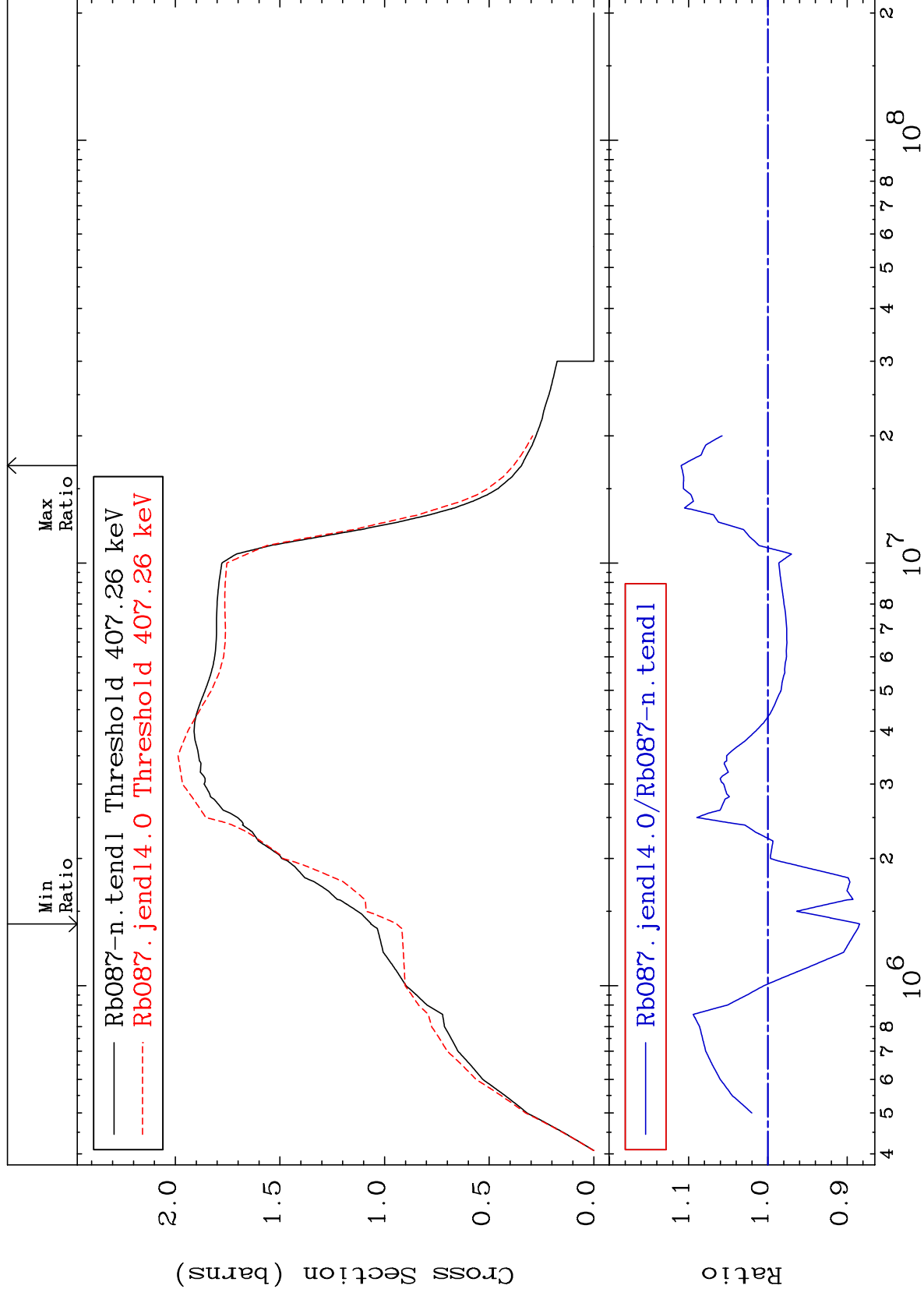
2

MAT 3731

³⁷Rb-87

Inelastic
Cross Section

-11.58 To 10.94 %



3

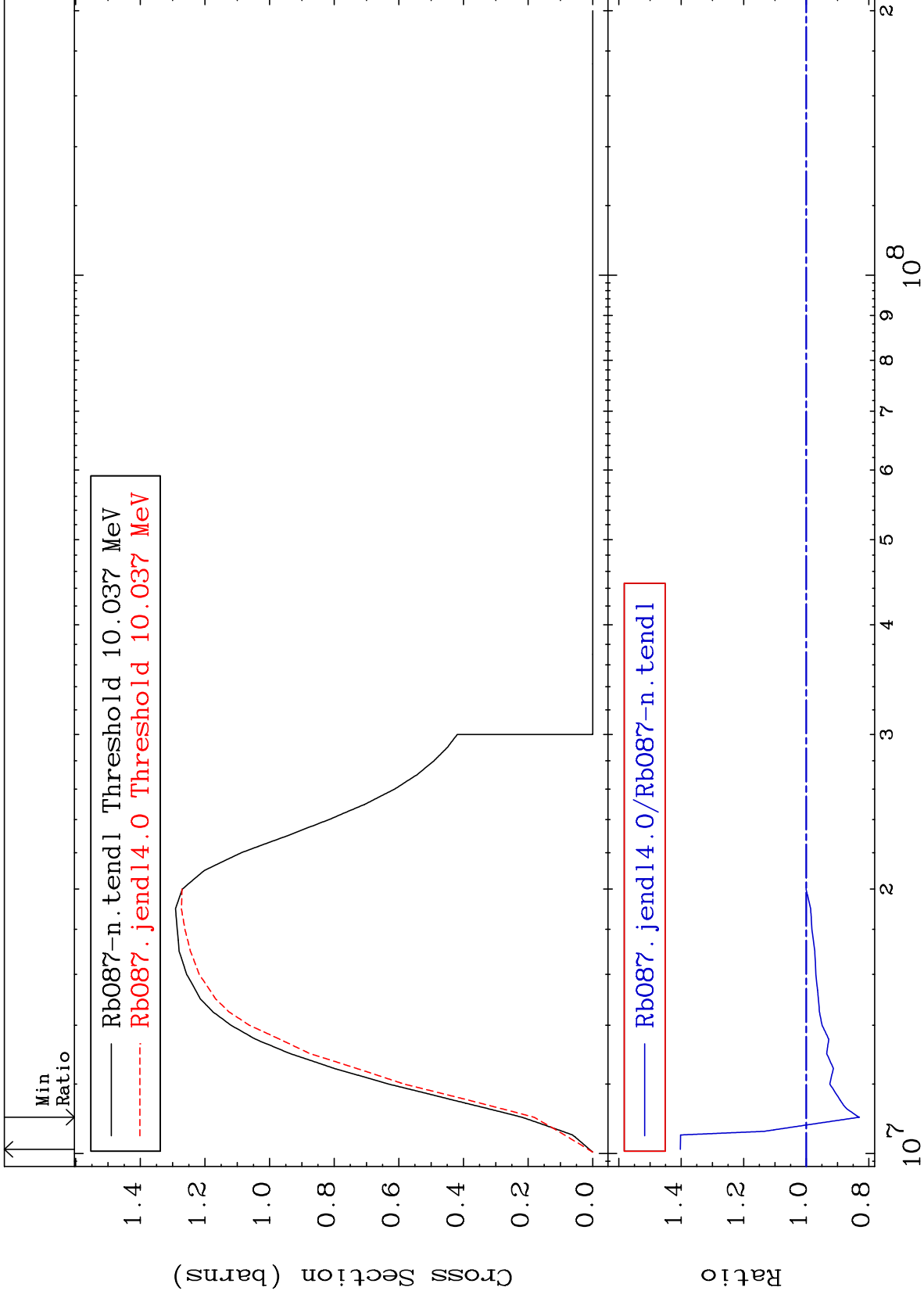
Incident Energy (eV)

³⁷Rb-87

MAT 3731

(n,2n)
Cross Section

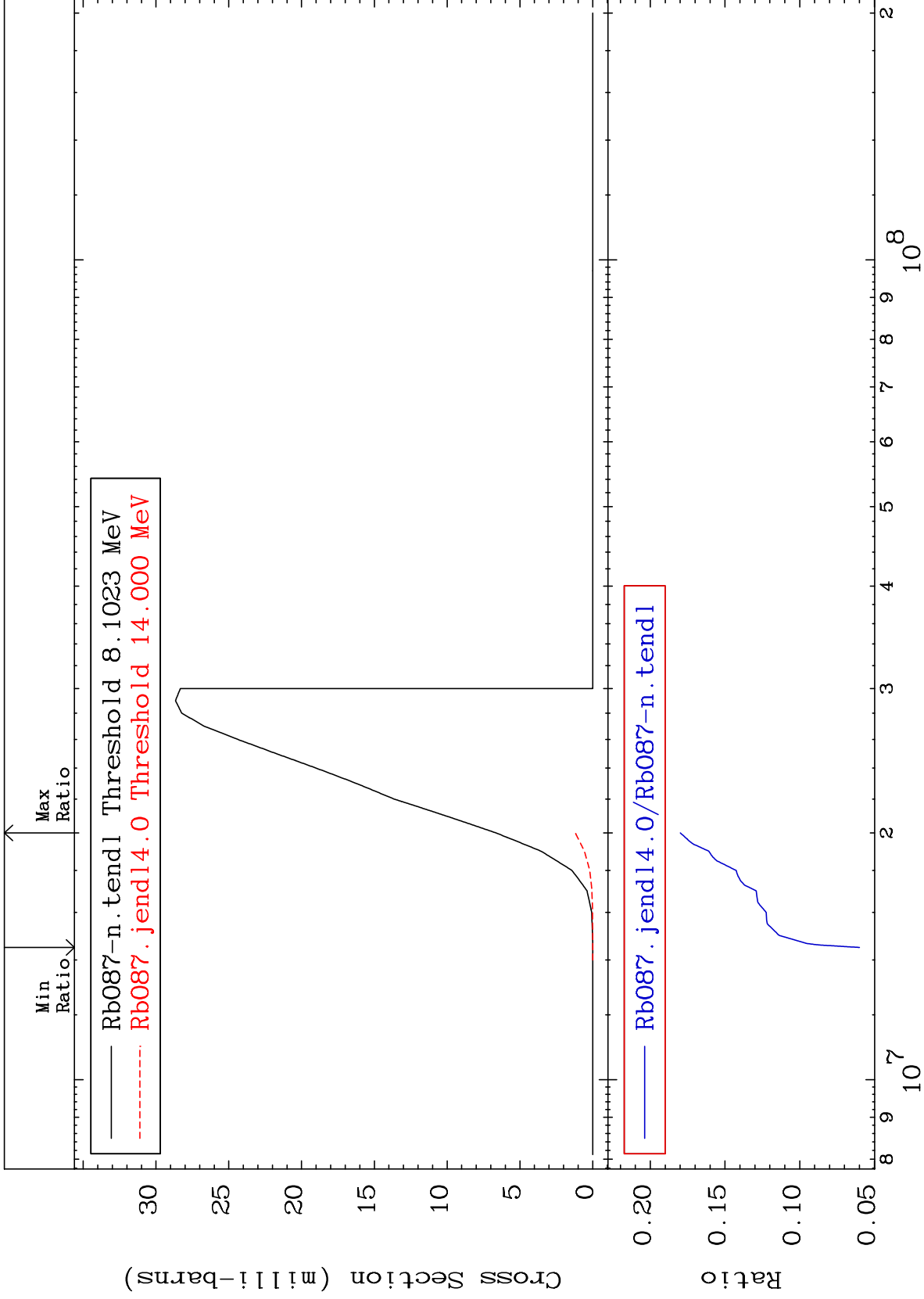
37-Rb-87
-17.02 To 40.28 %



MAT 3731

(n, n') α
Cross Section

³⁷Rb-87
-94.00 To -82.01%



5

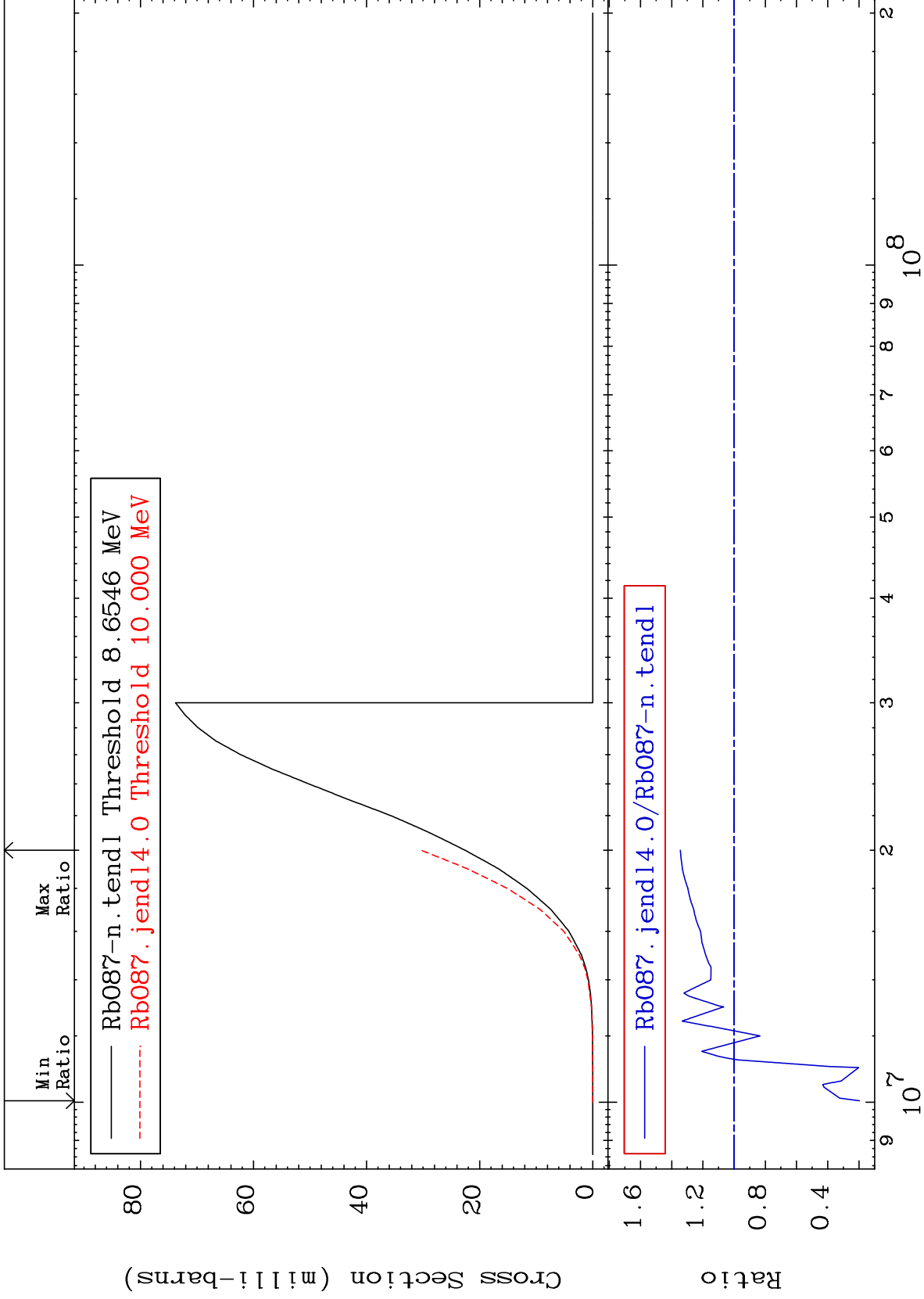
Incident Energy (eV)

³⁷Rb-87

MAT 3731

(n, n') p
Cross Section

³⁷Rb-87
-80.32 To 34.43 %



6

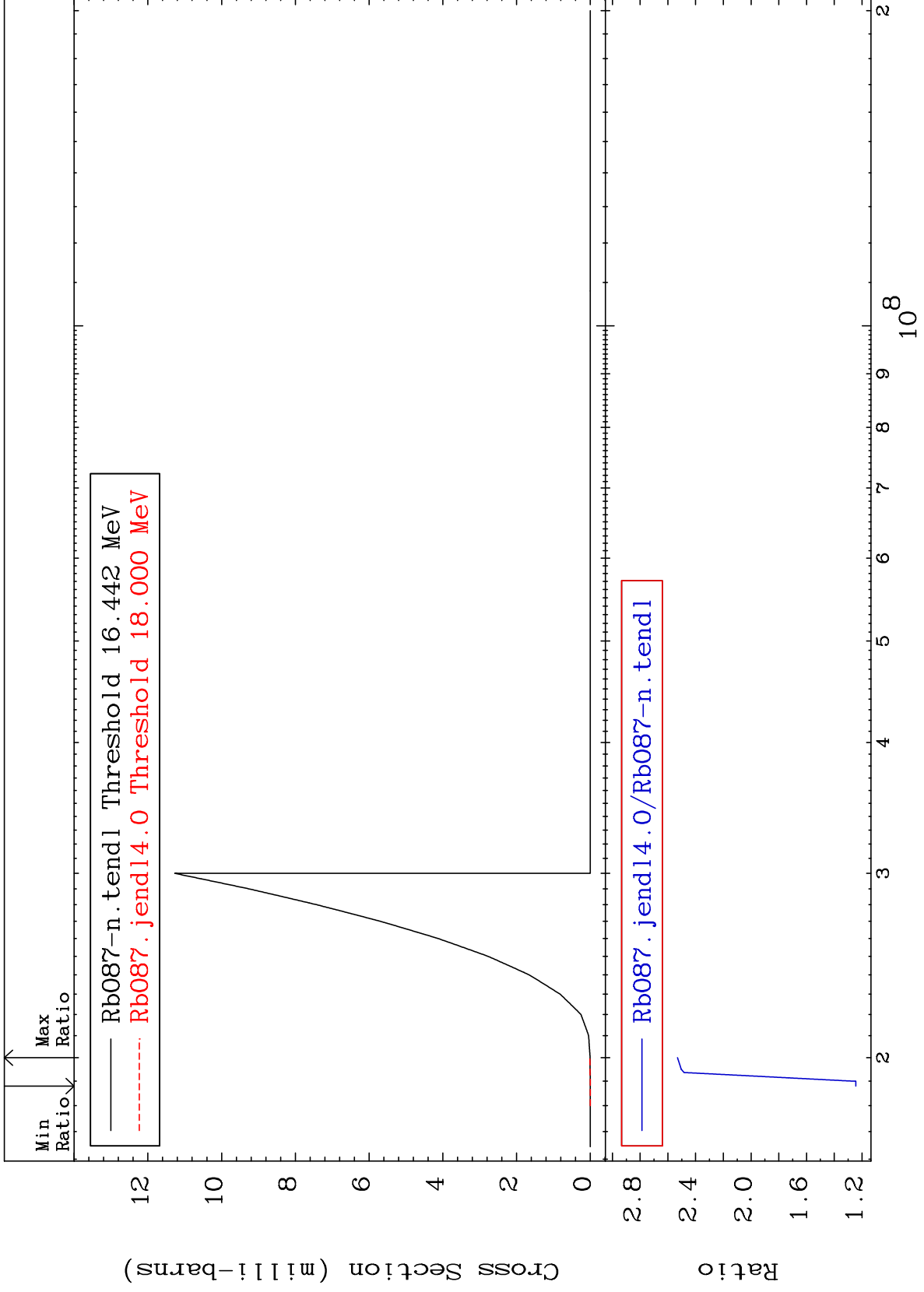
Incident Energy (eV)

³⁷Rb-87

MAT 3731

(n,n') d
Cross Section

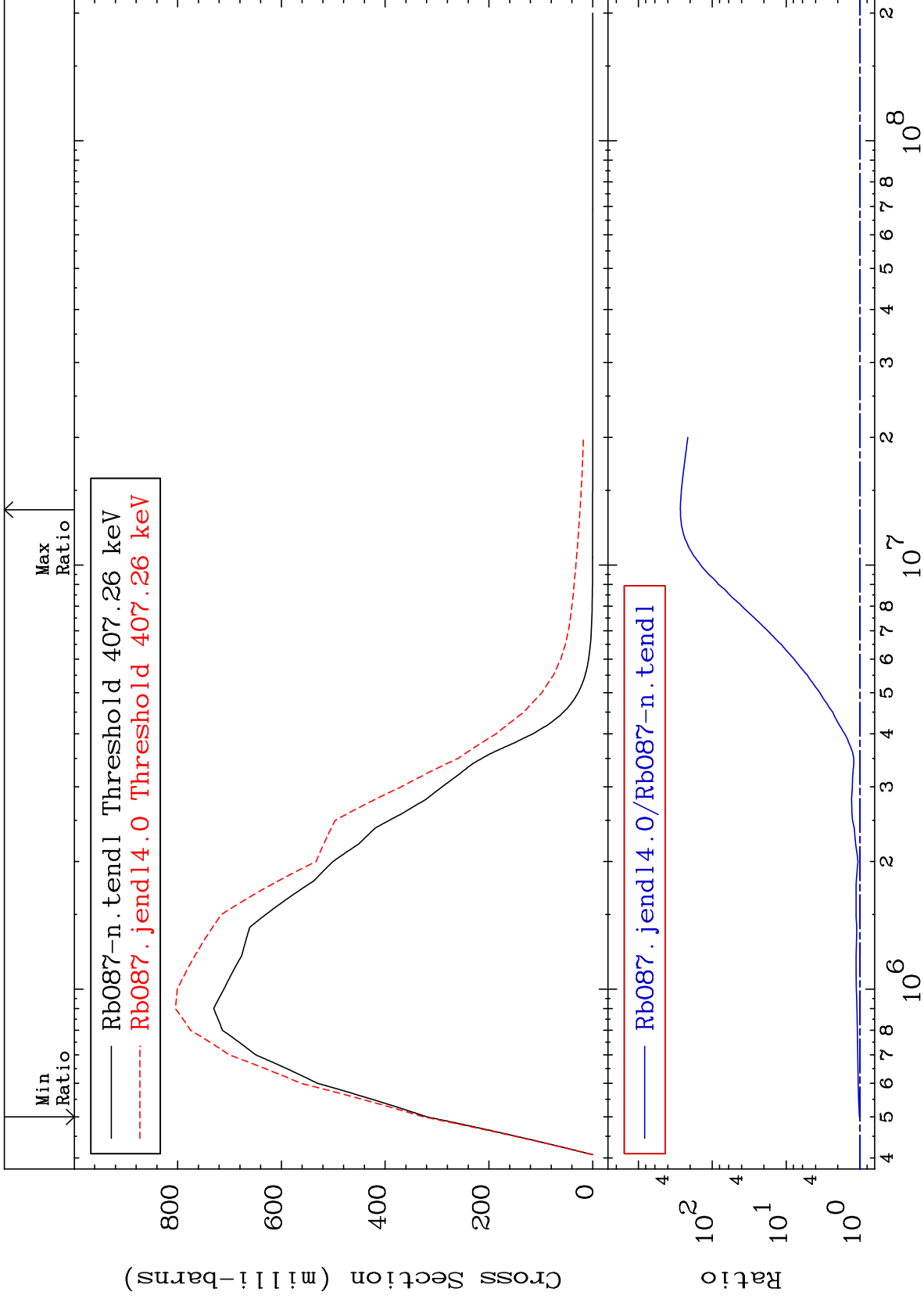
37-Rb-87
24.44 To 153.1 %



MAT 3731

402.6 keV (n,n') Level
Cross Section

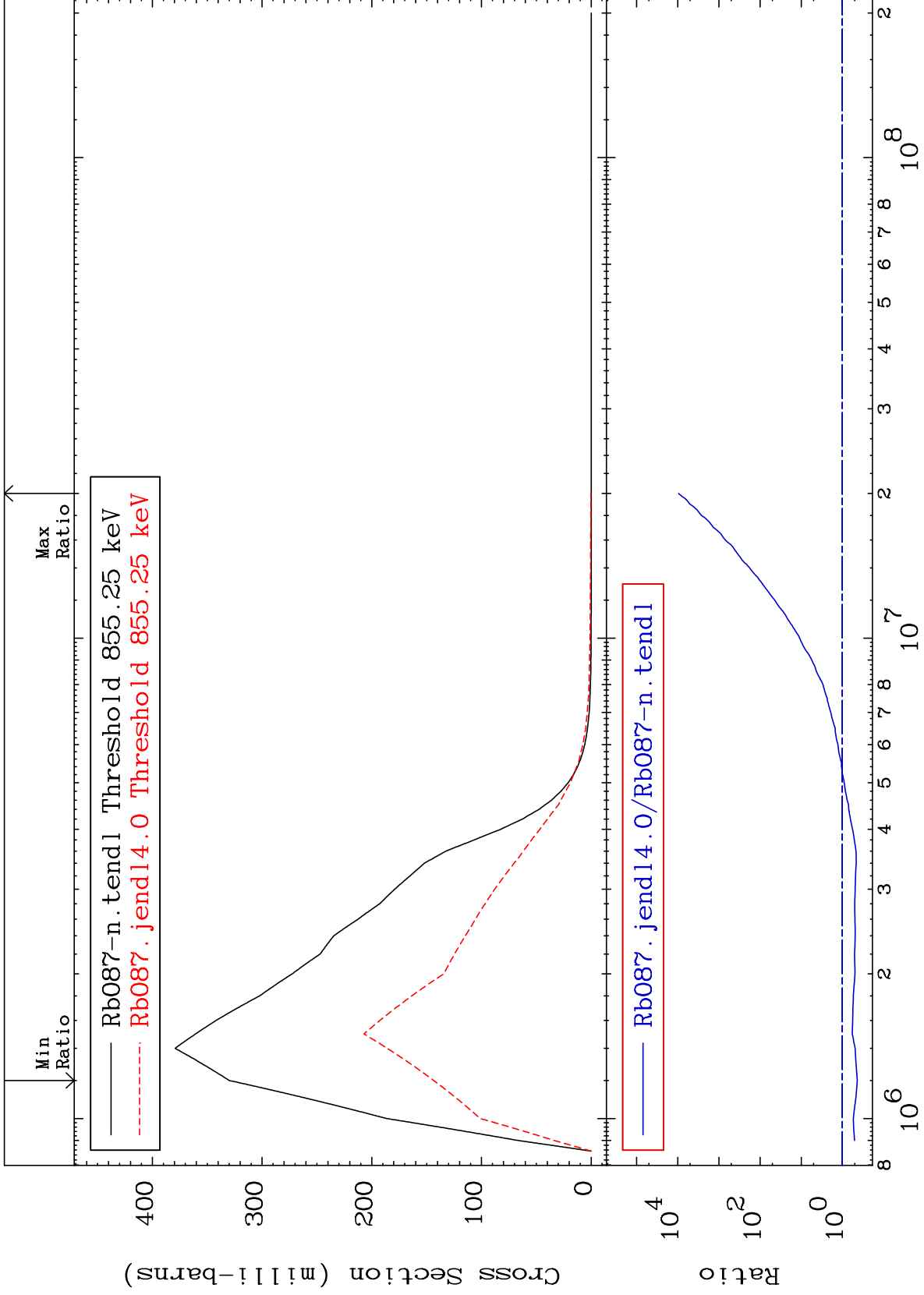
37-Rb-87
2.037 To 9999. %



MAT 3731

845.4 keV (n,n') Level
Cross Section

37-Rb-87
-56.48 To 9999. %



9

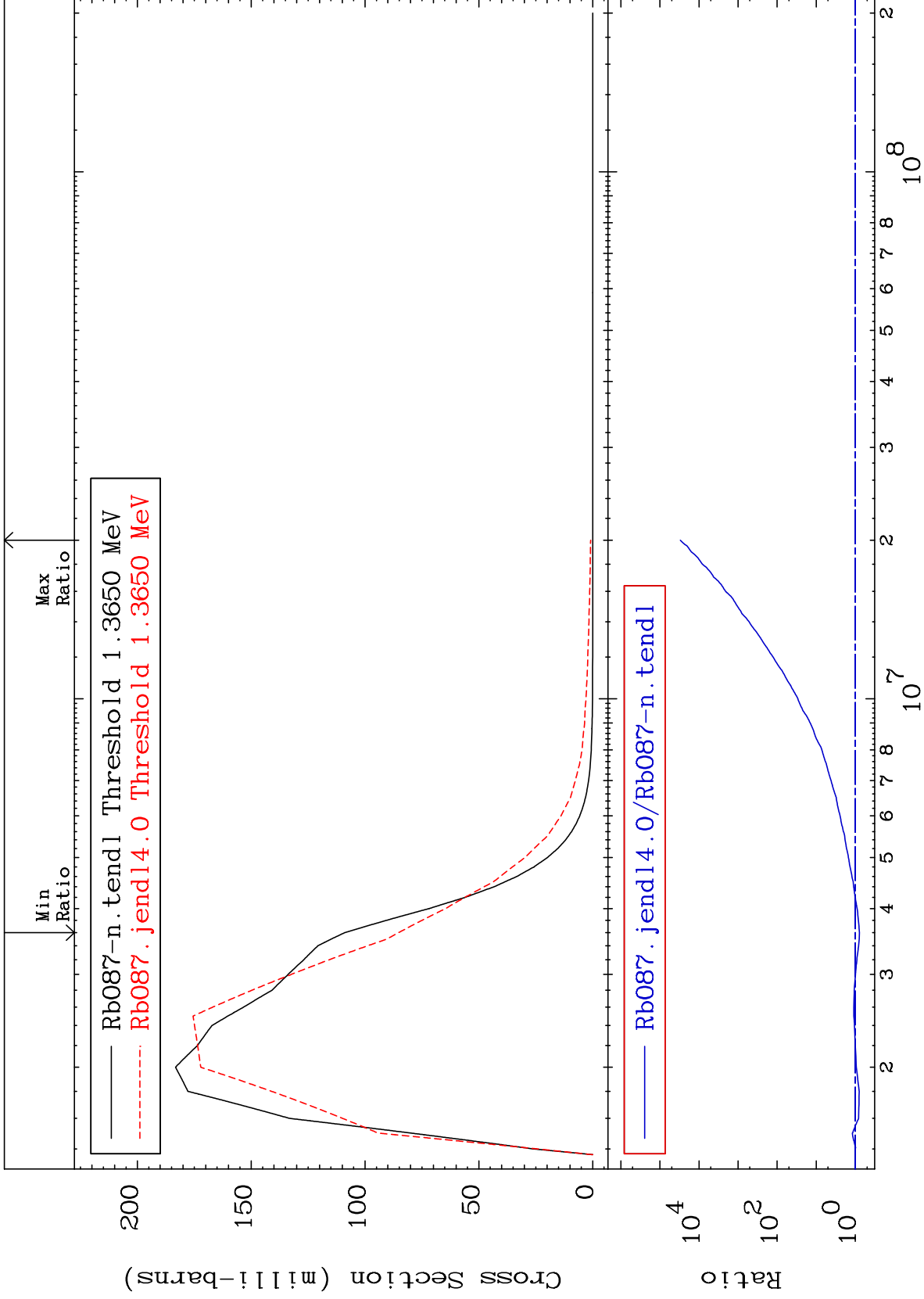
Incident Energy (eV)

37-Rb-87

MAT 3731

1.349 MeV (n,n') Level
Cross Section

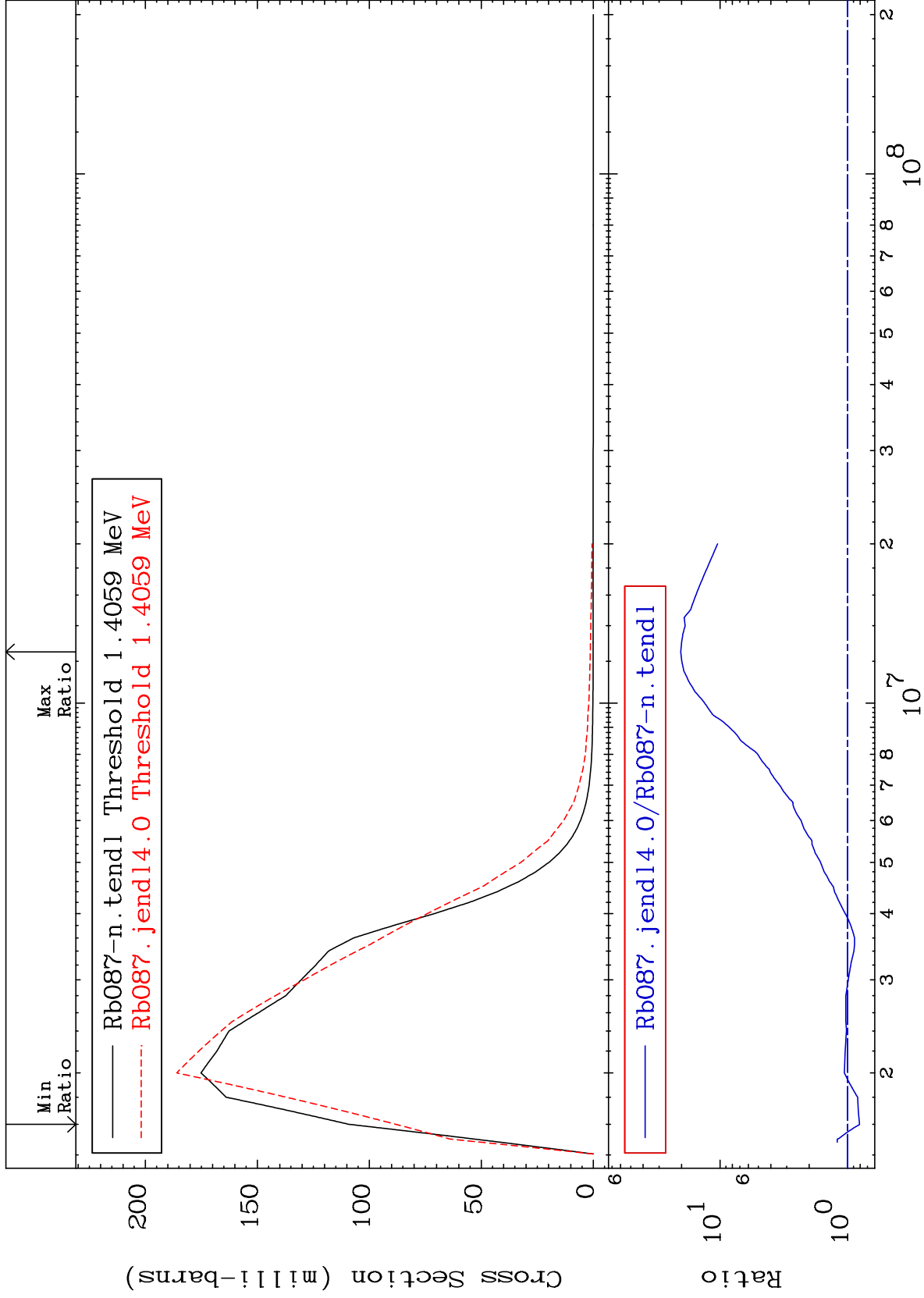
37-Rb-87
-21.70 To 9999. %



10

Incident Energy (eV)

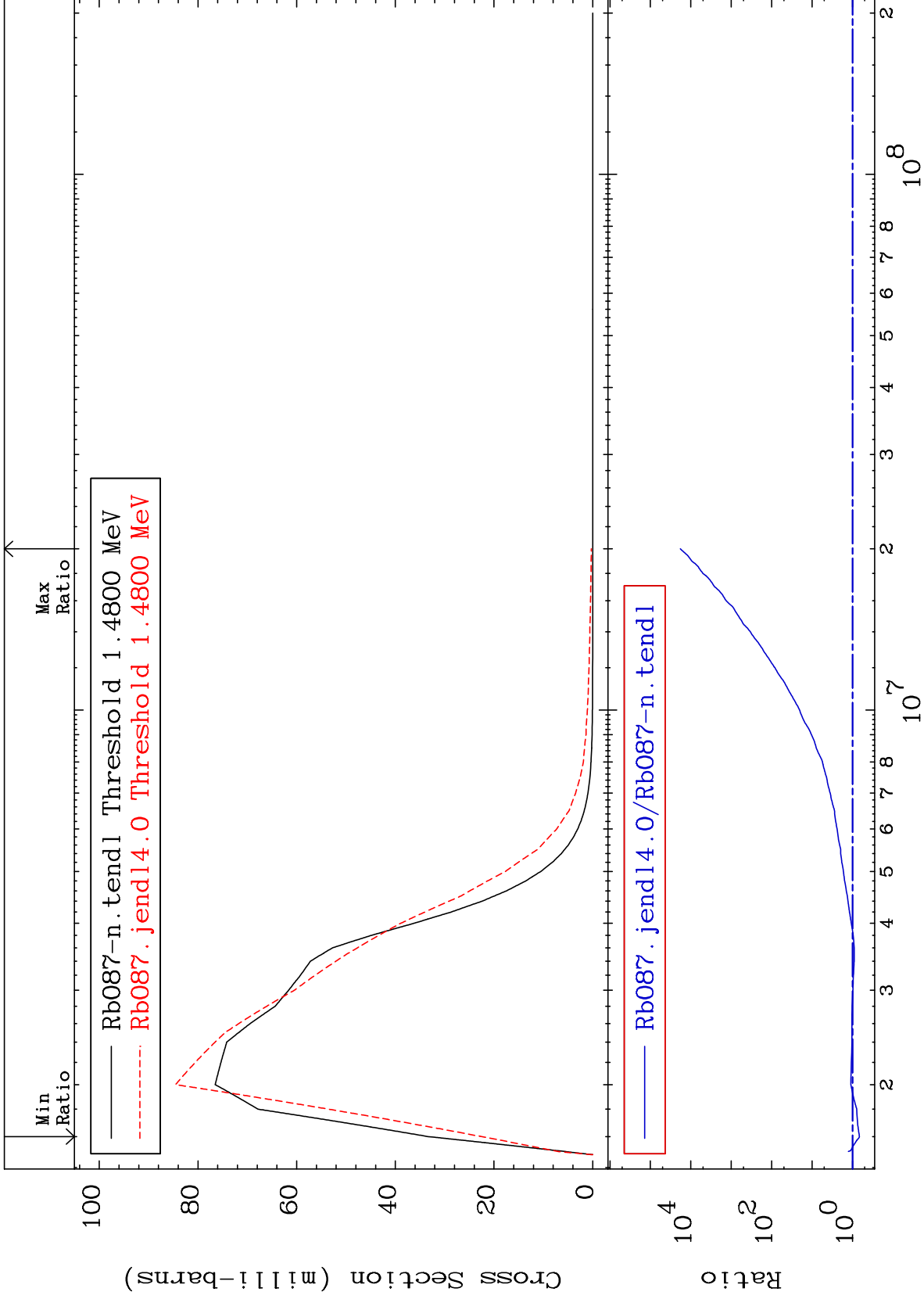
37-Rb-87



MAT 3731

1.463 MeV (n,n') Level
Cross Section

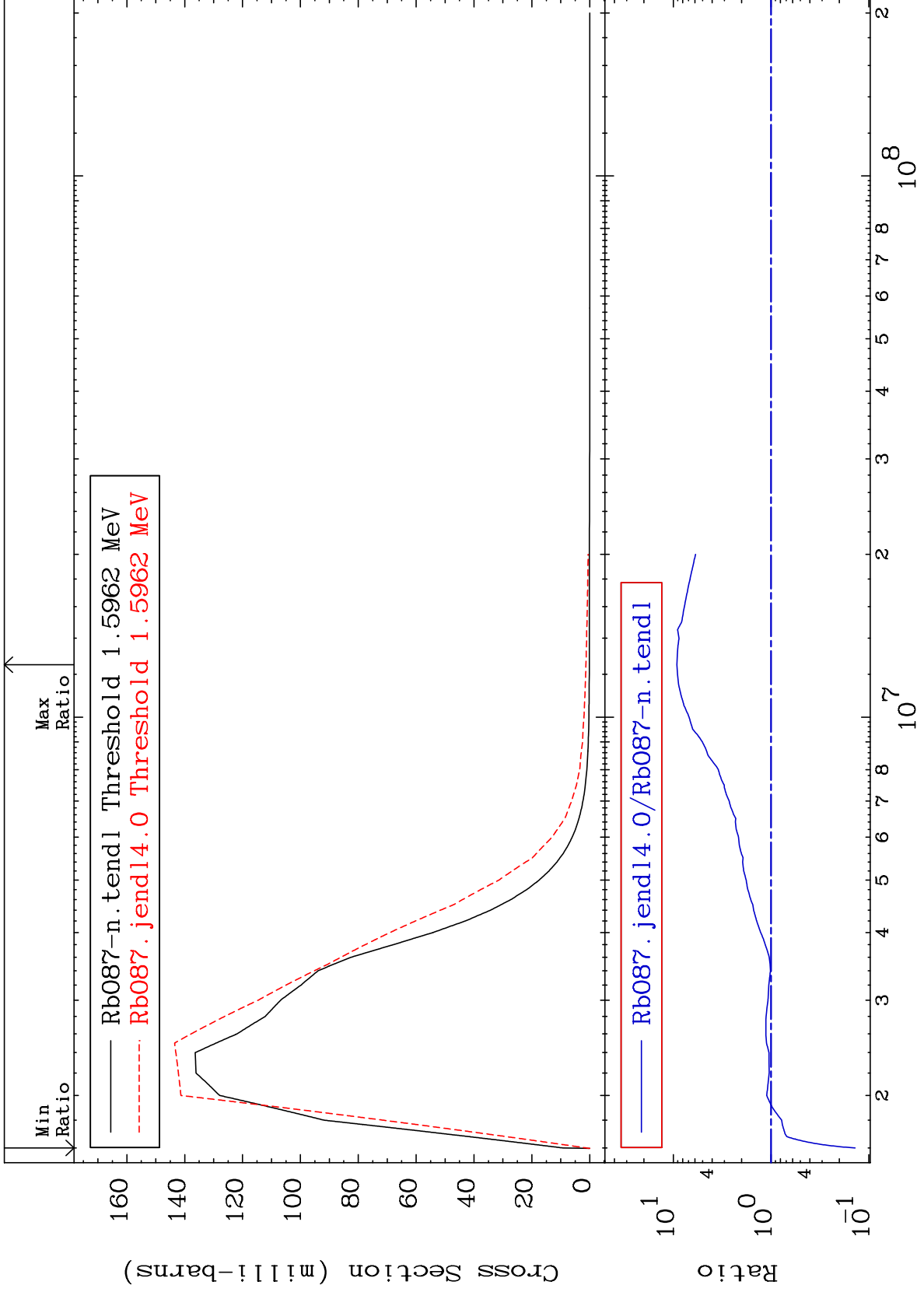
37-Rb-87
-32.45 To 9999. %



MAT 3731

1.578 MeV (n,n') Level
Cross Section

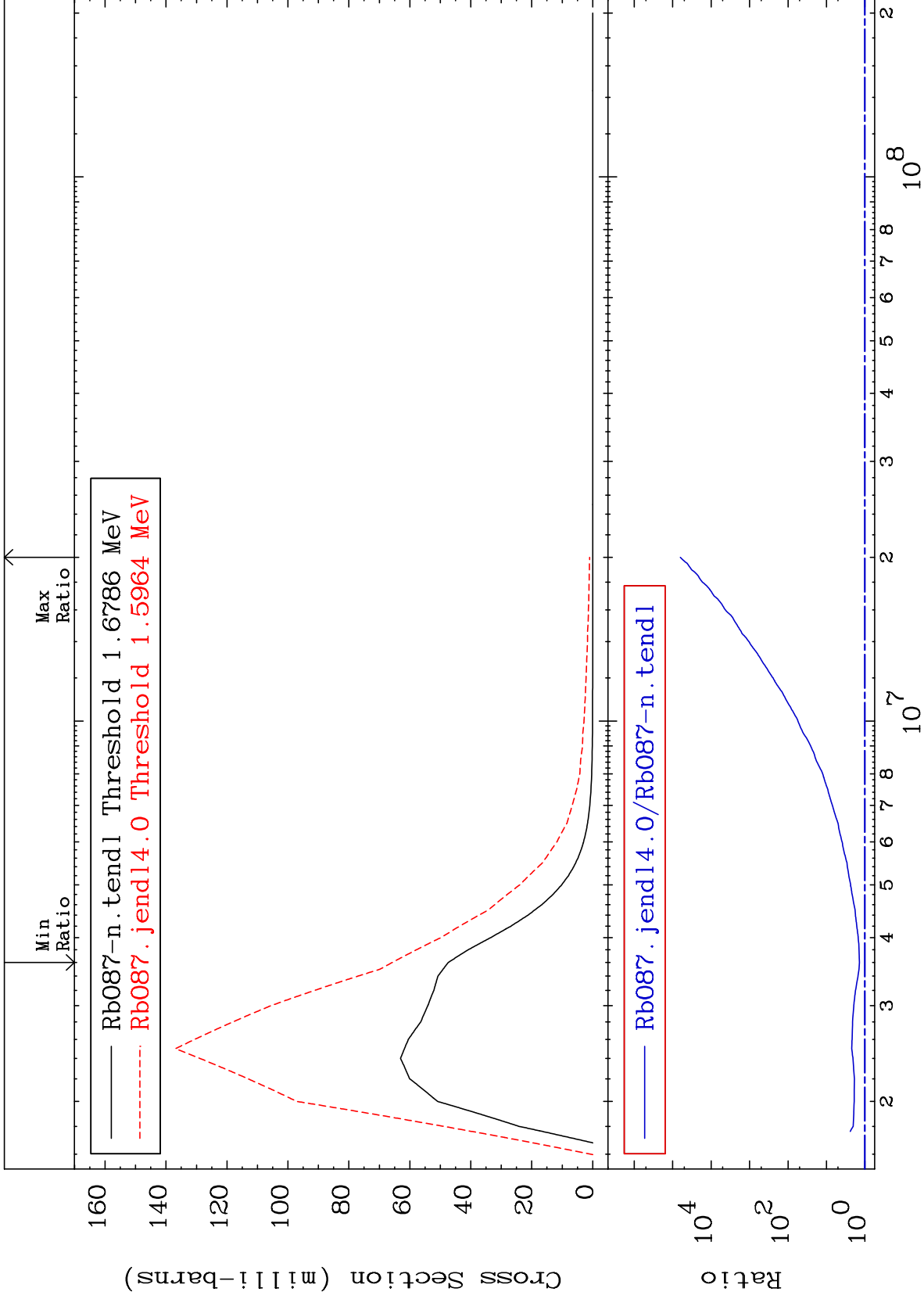
37-Rb-87
-86.22 To 817.7 %



MAT 3731

1.659 MeV (n,n') Level
Cross Section

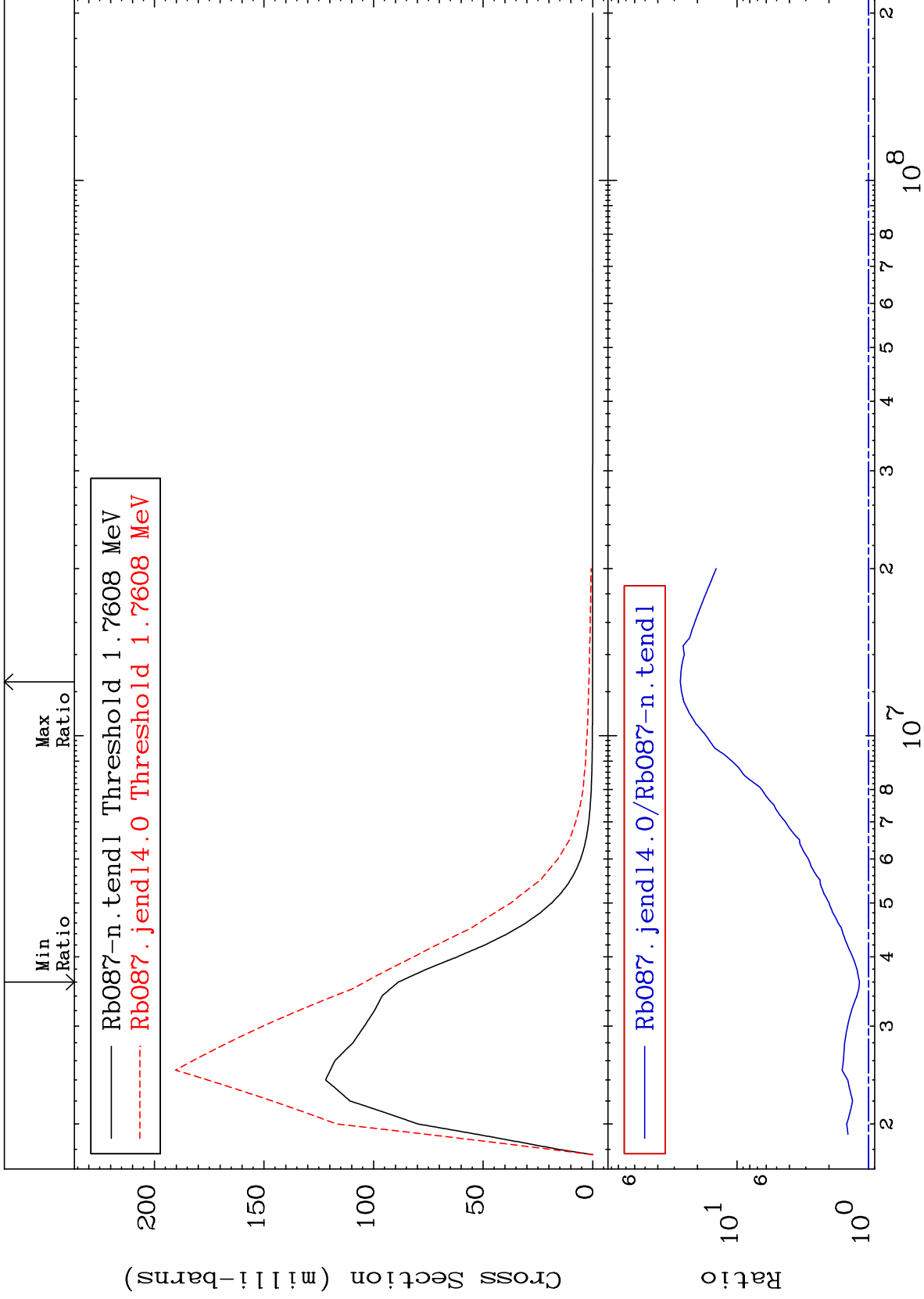
37-Rb-87
38.78 To 9999. %



MAT 3731

1.741 MeV (n,n') Level
Cross Section

37-Rb-87
17.26 To 2599. %



15

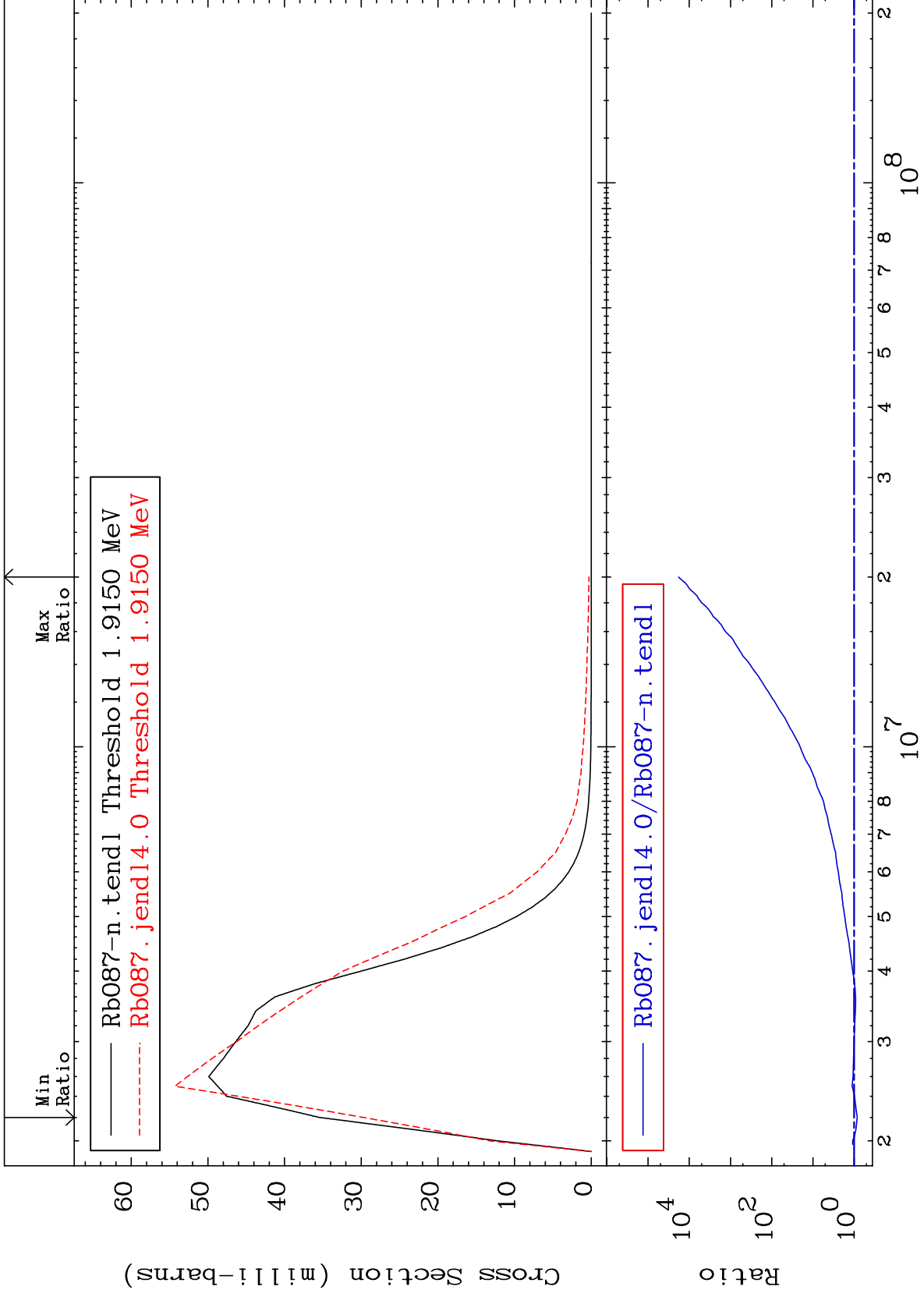
Incident Energy (eV)

37-Rb-87

MAT 3731

1.893 MeV (n,n') Level
Cross Section

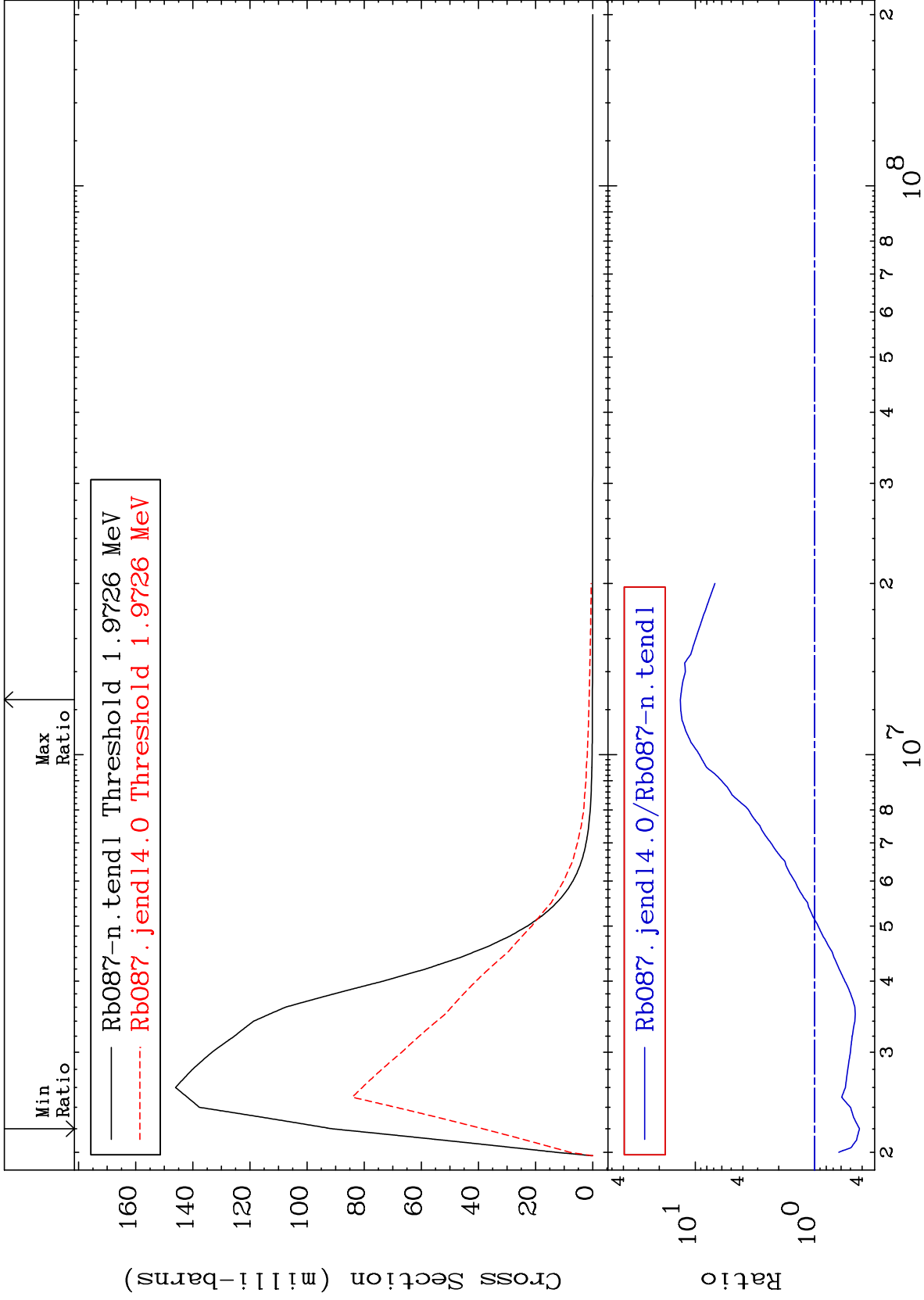
37-Rb-87
-16.26 To 9999. %

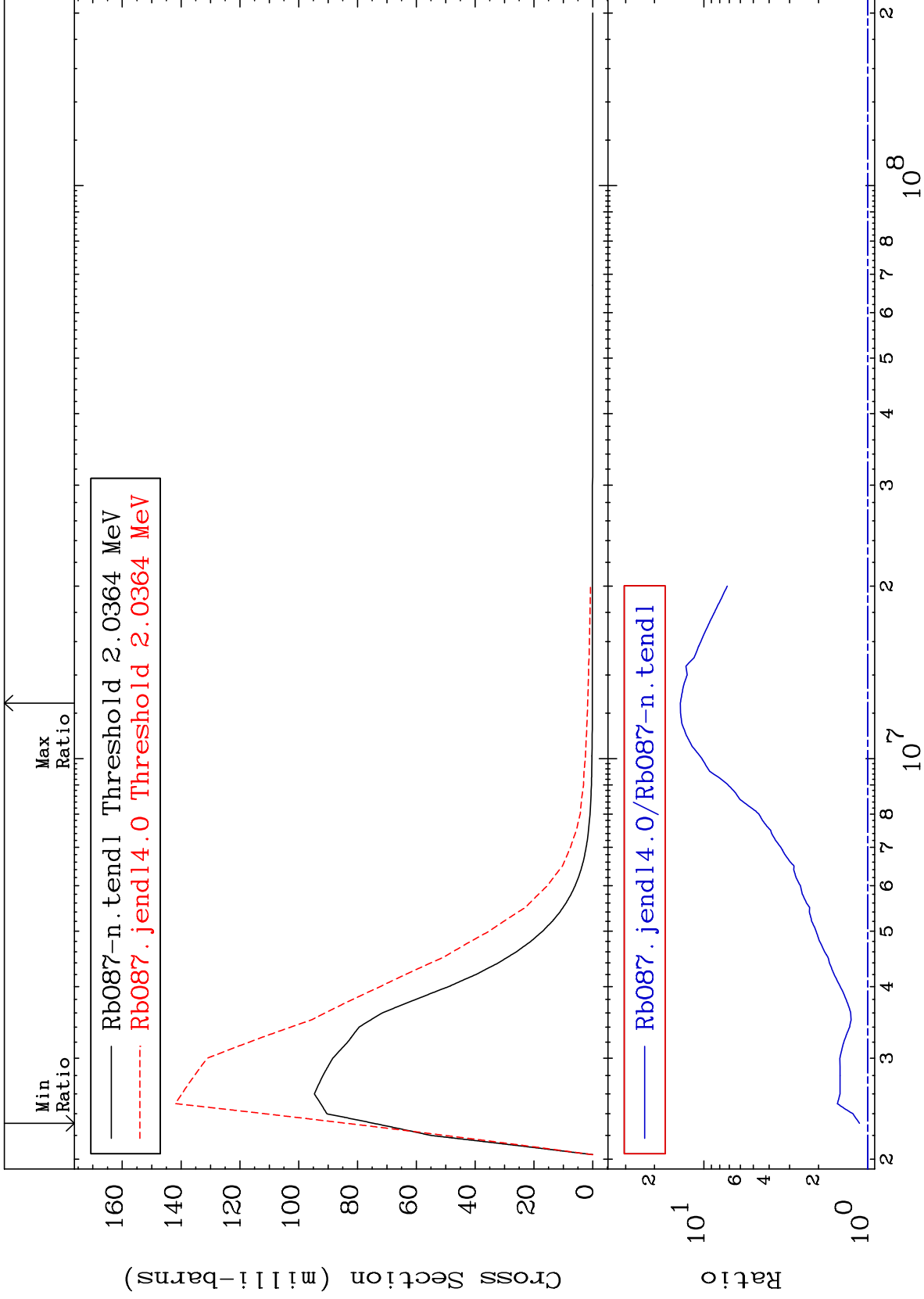


16

Incident Energy (eV)

37-Rb-87

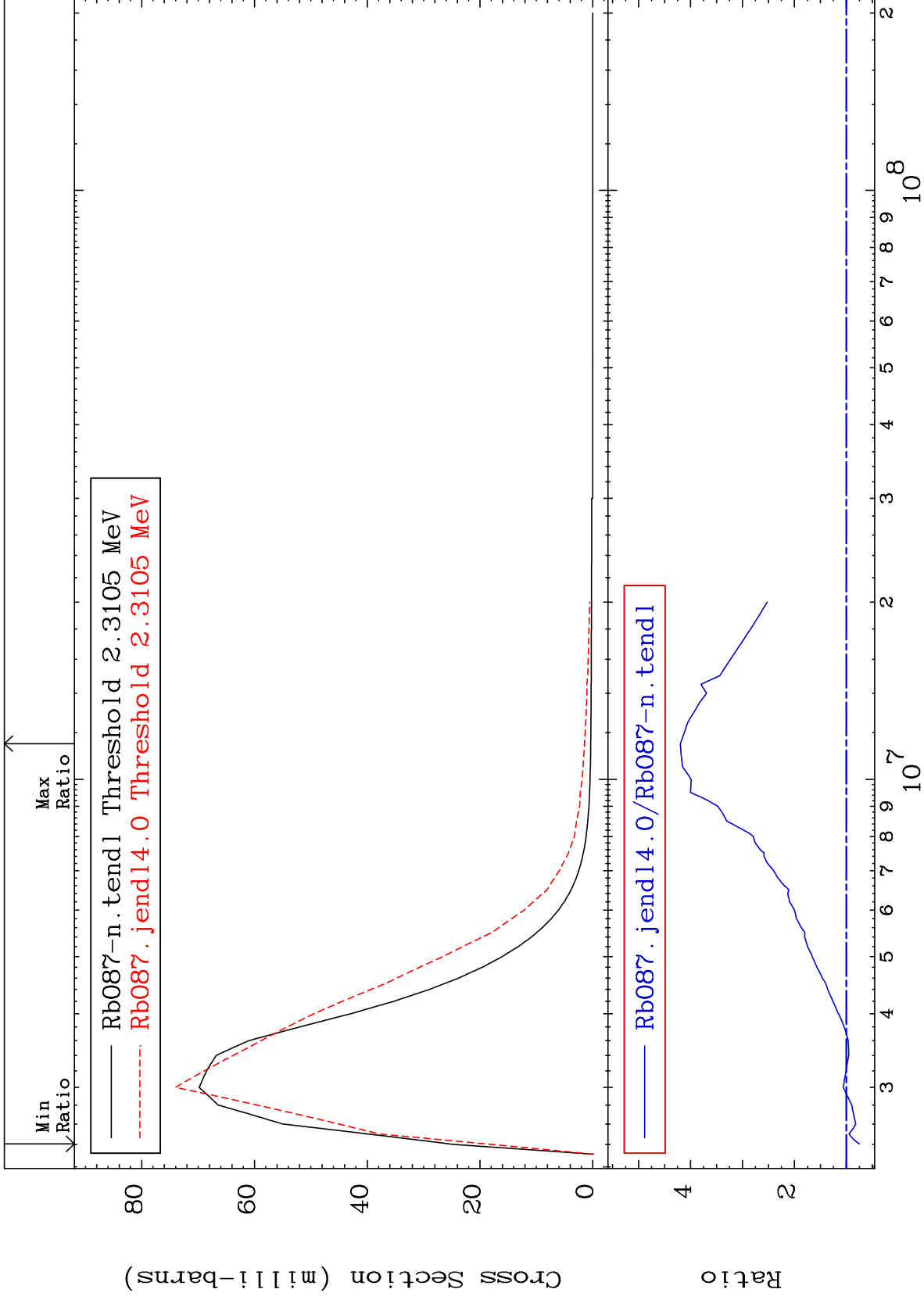


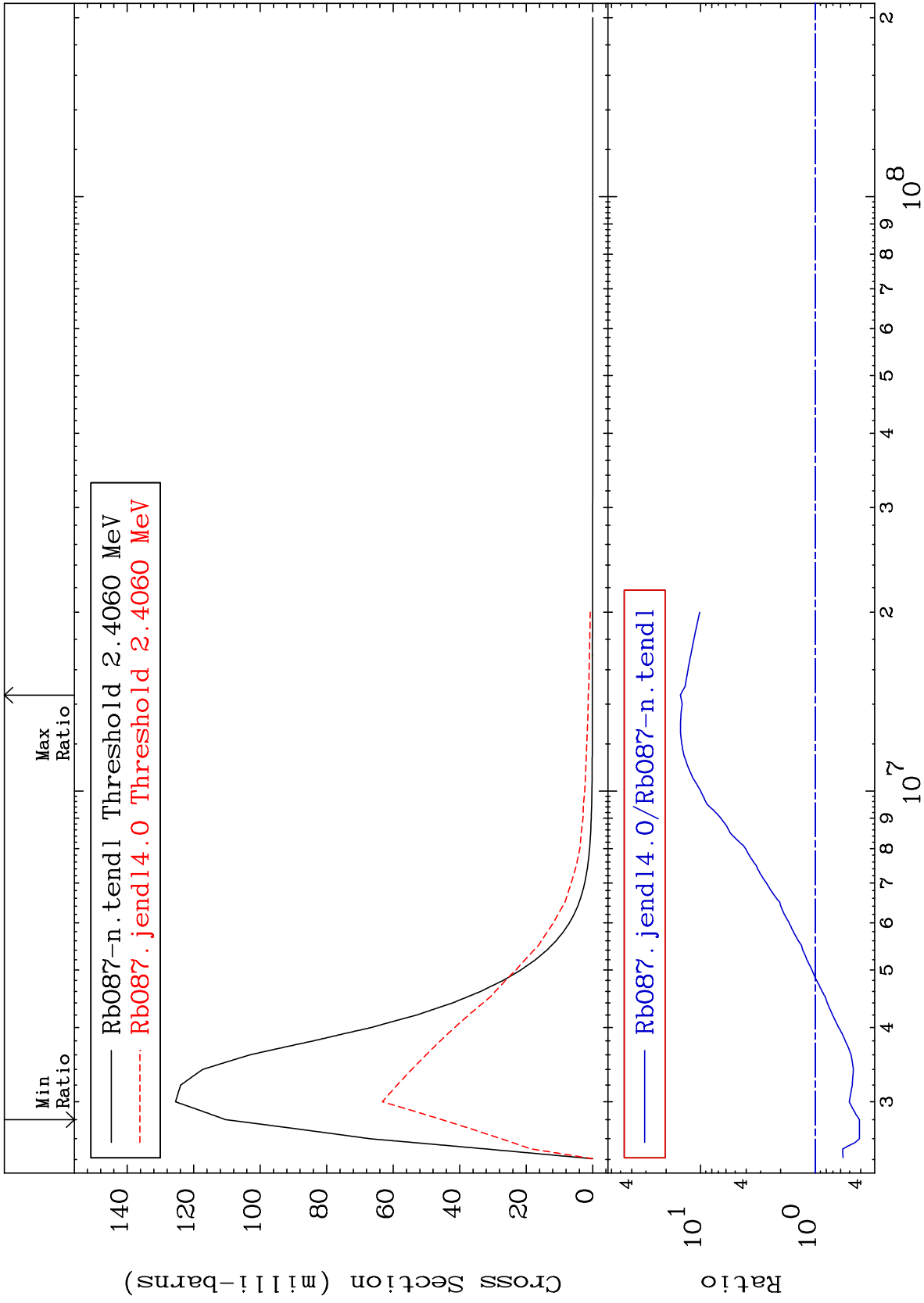


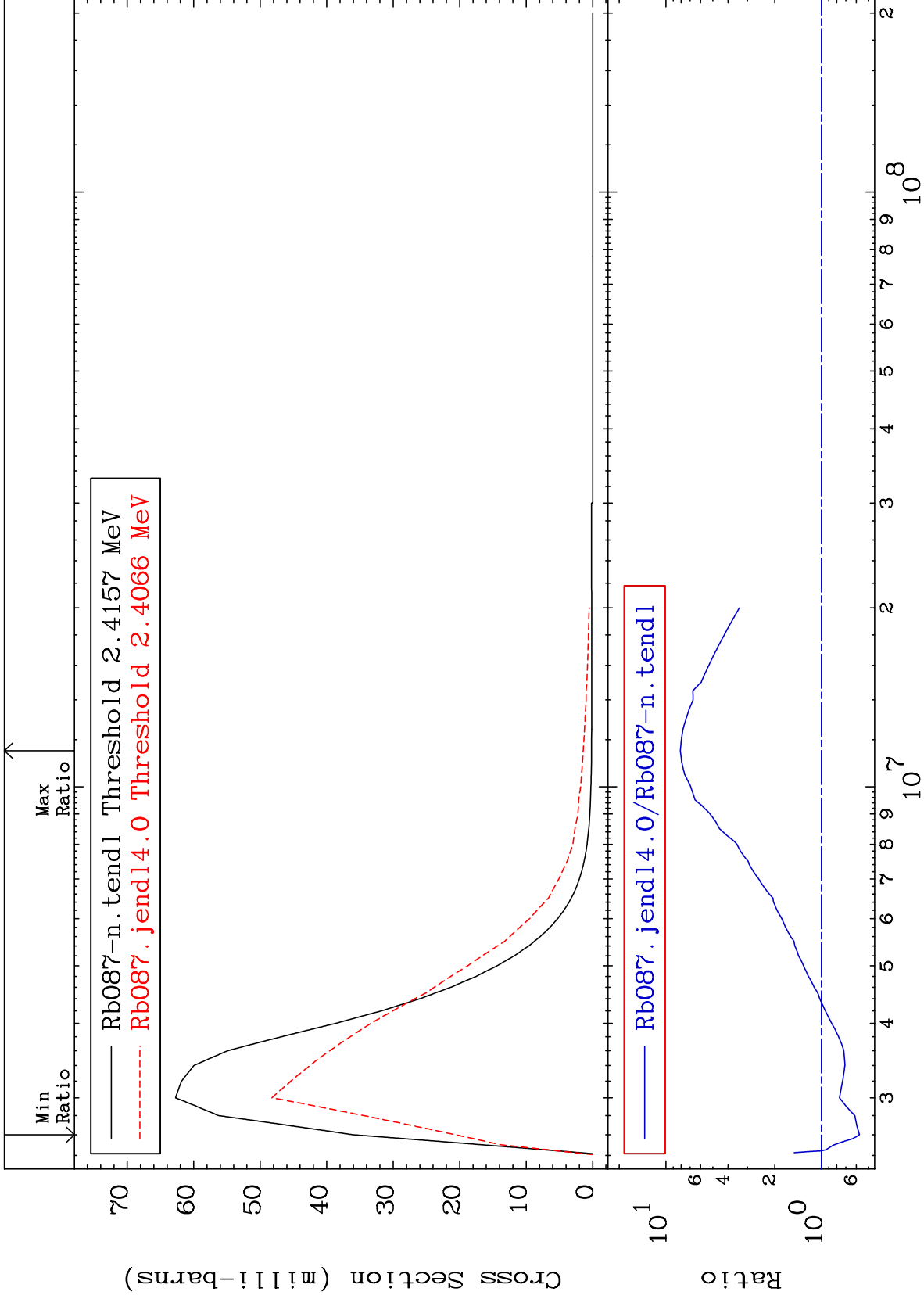
MAT 3731

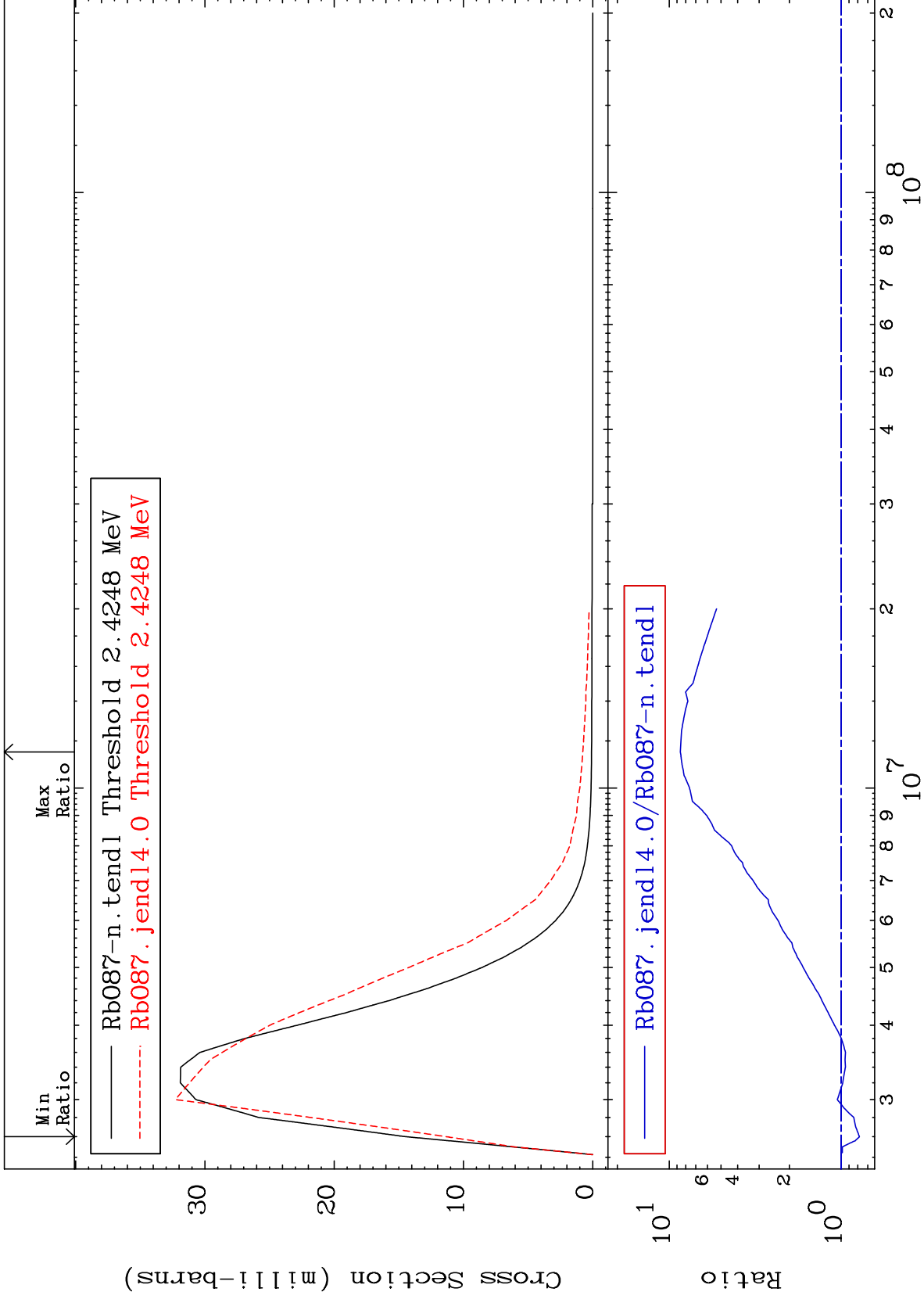
2.284 MeV (n,n') Level
Cross Section

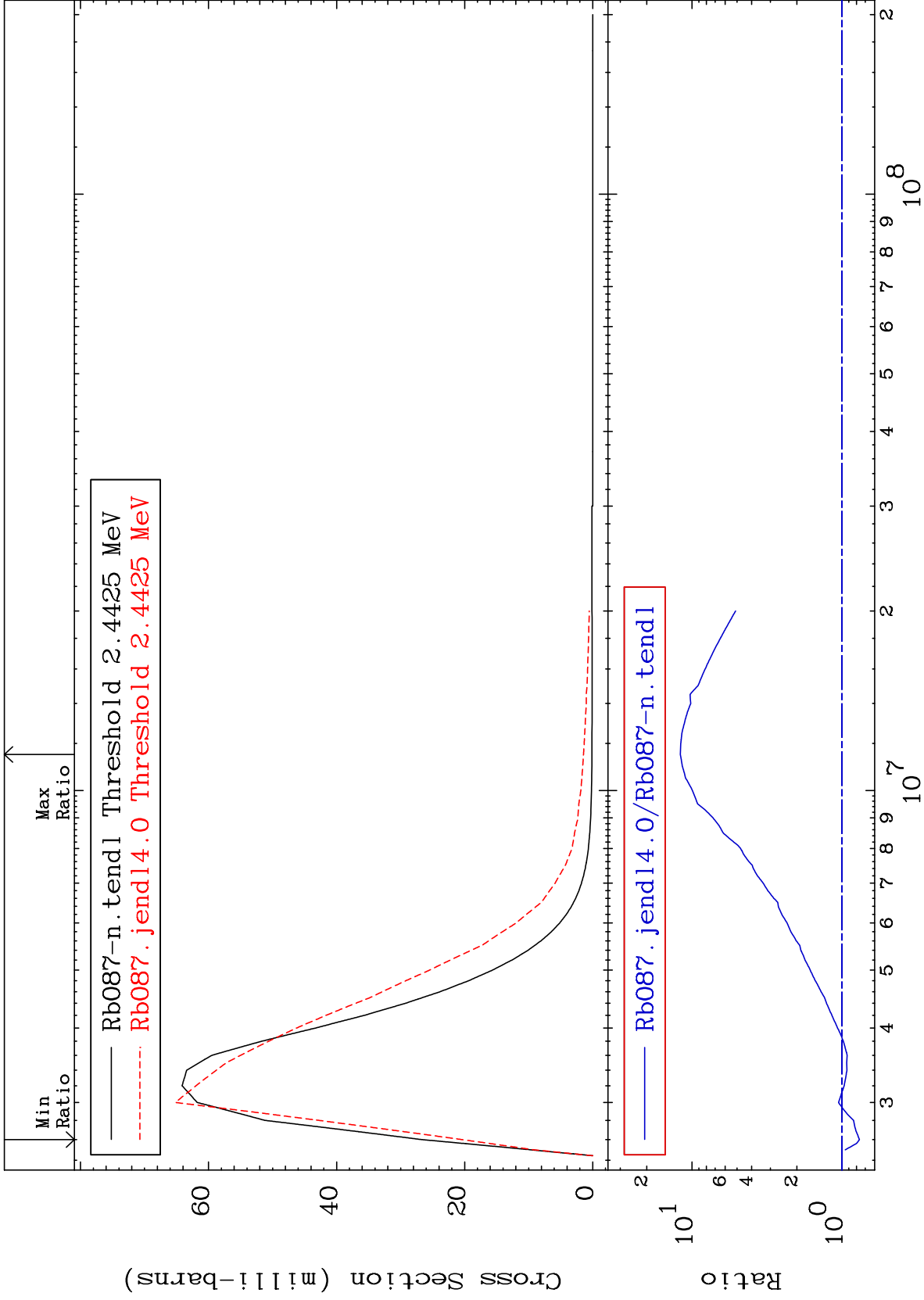
37-Rb-87
-25.15 To 319.6 %

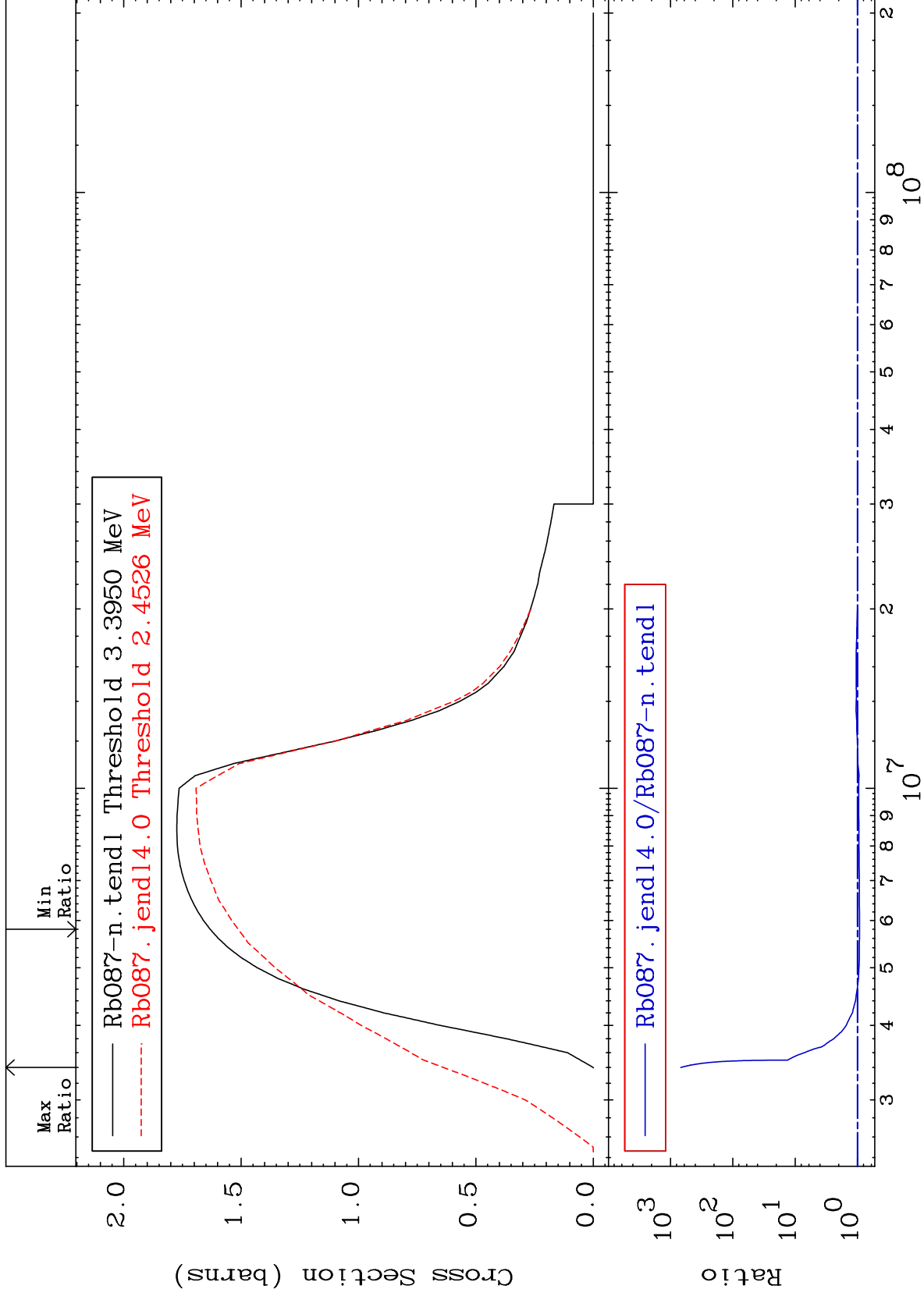






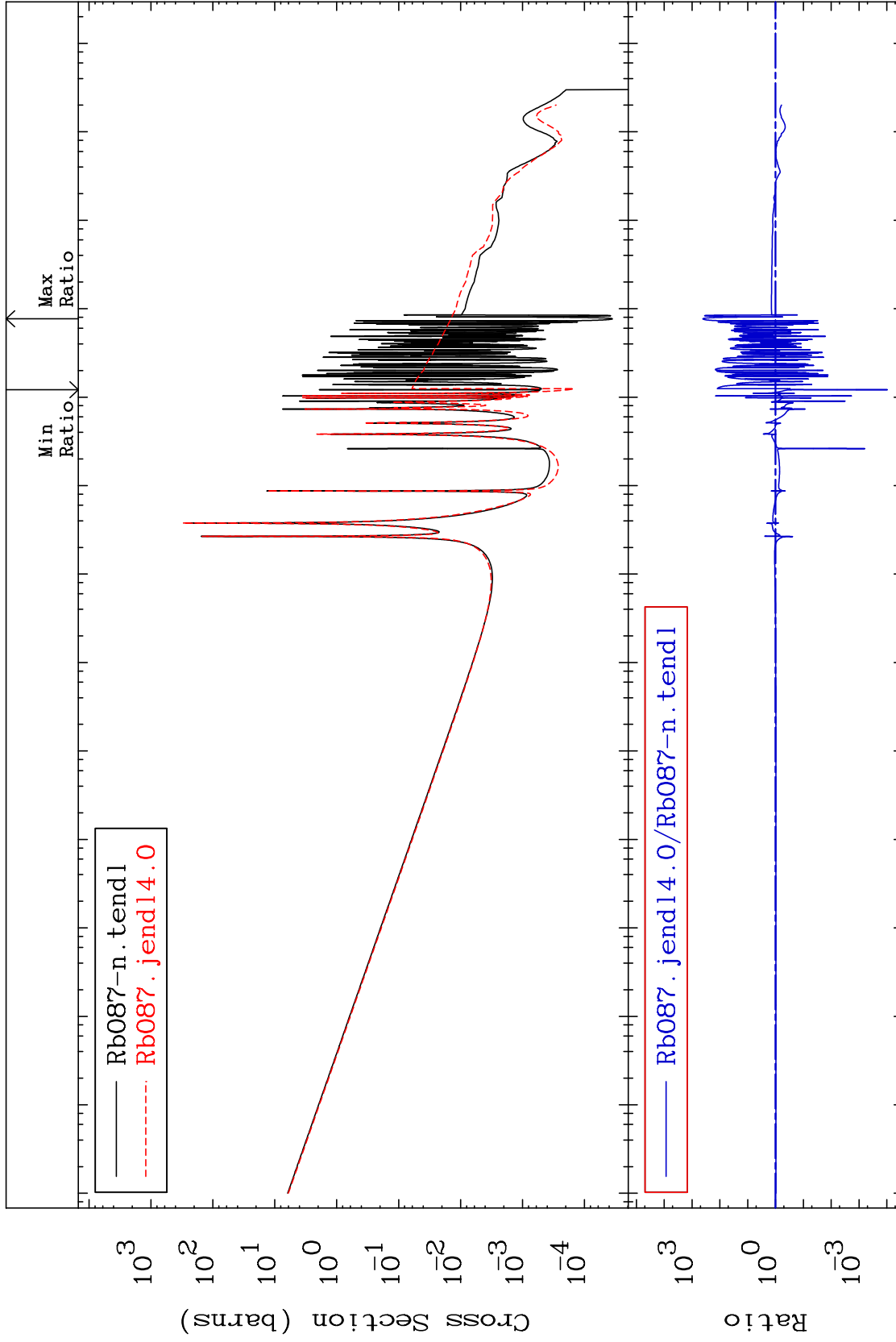




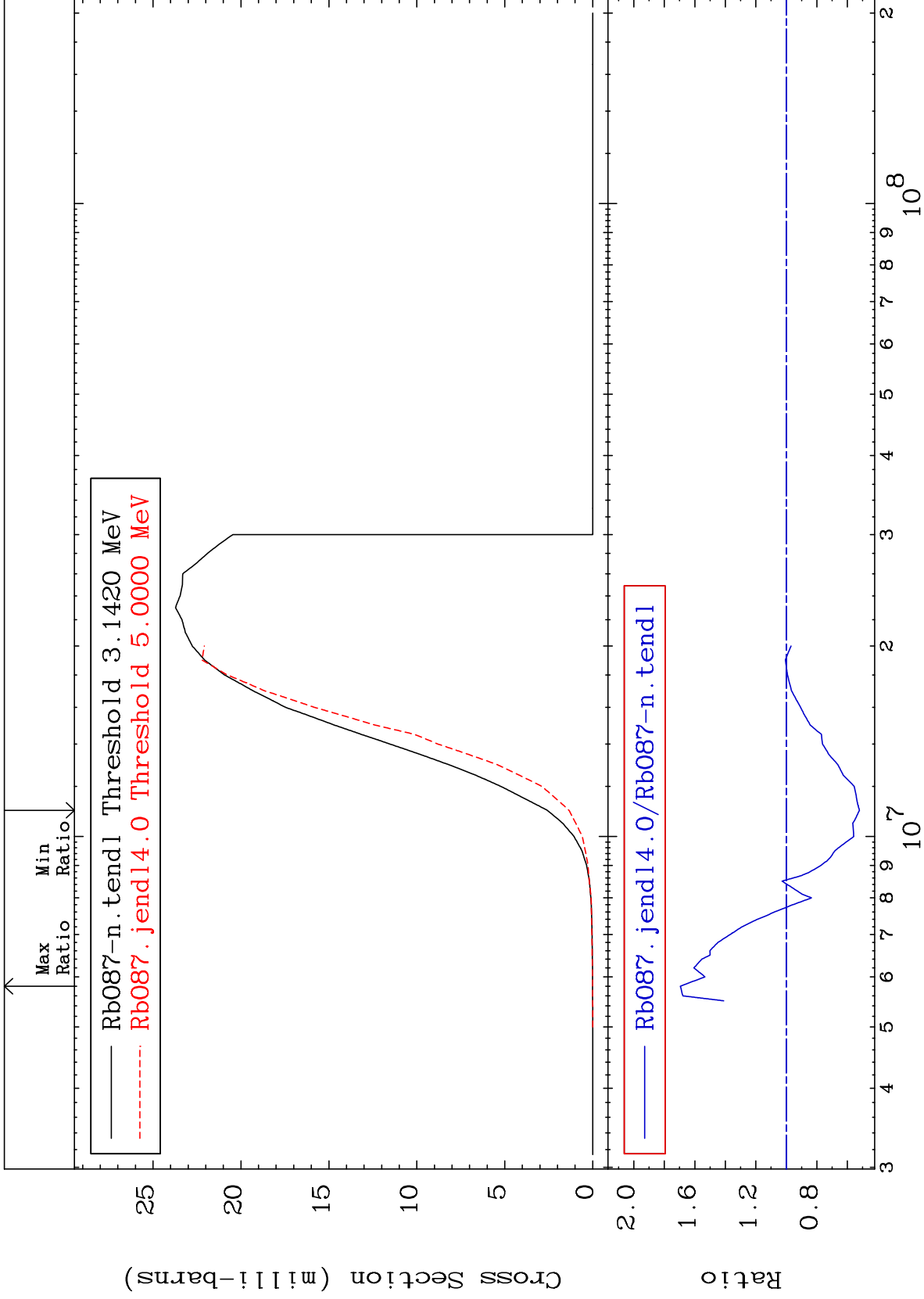


Cross Section

-99.99 To 9999. %

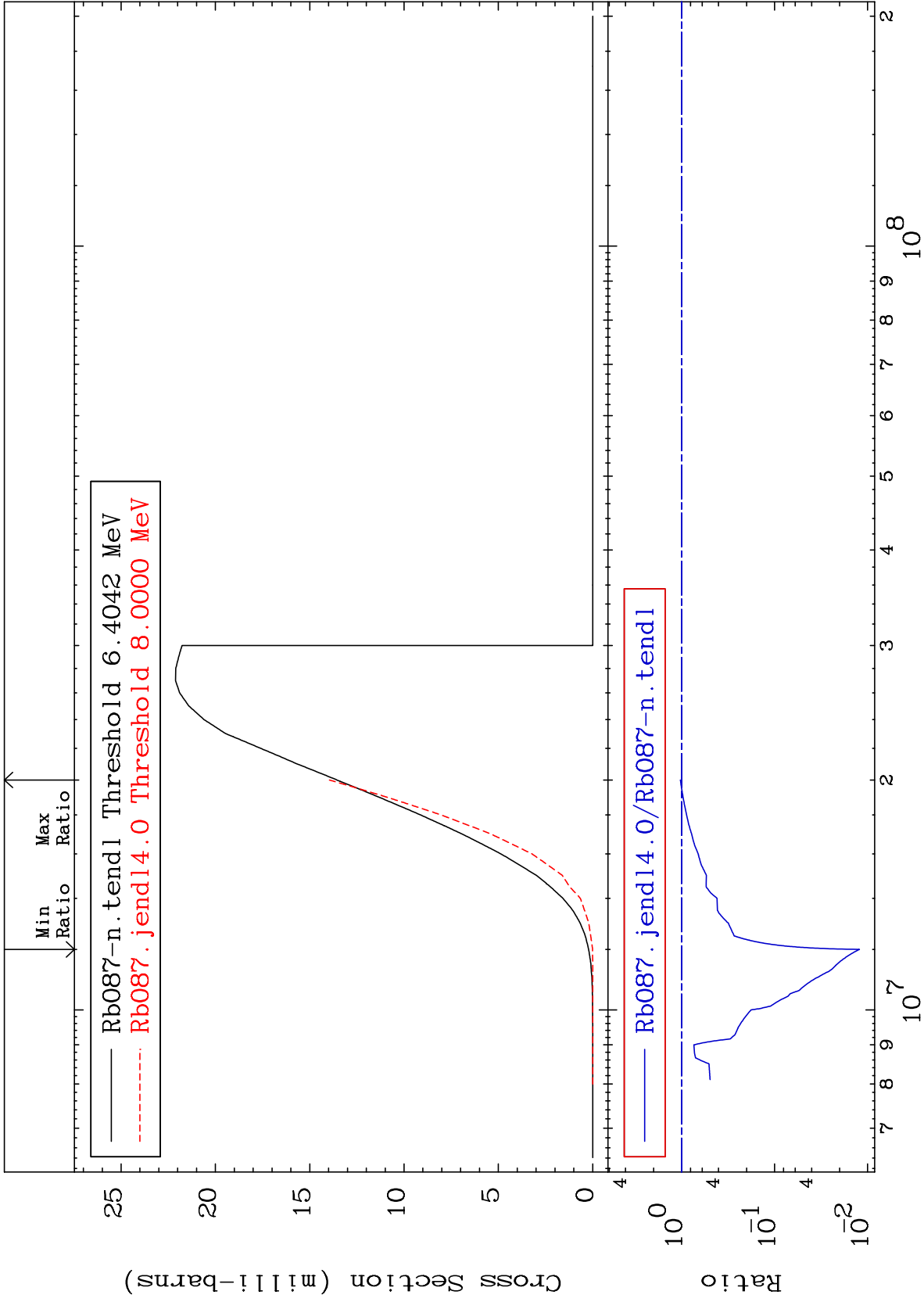


Incident Energy (eV)



Cross Section

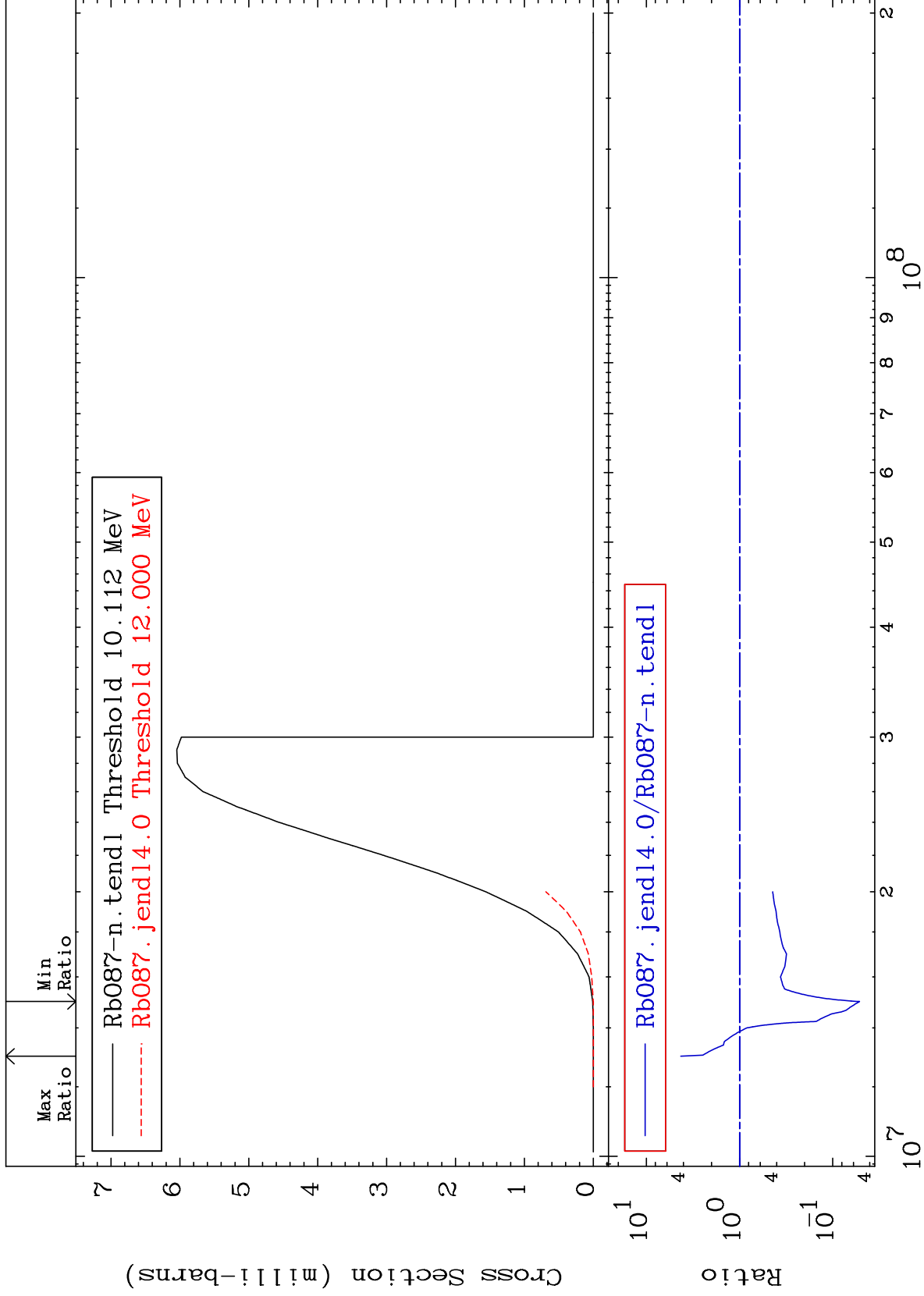
-98.78 To 2.961 %

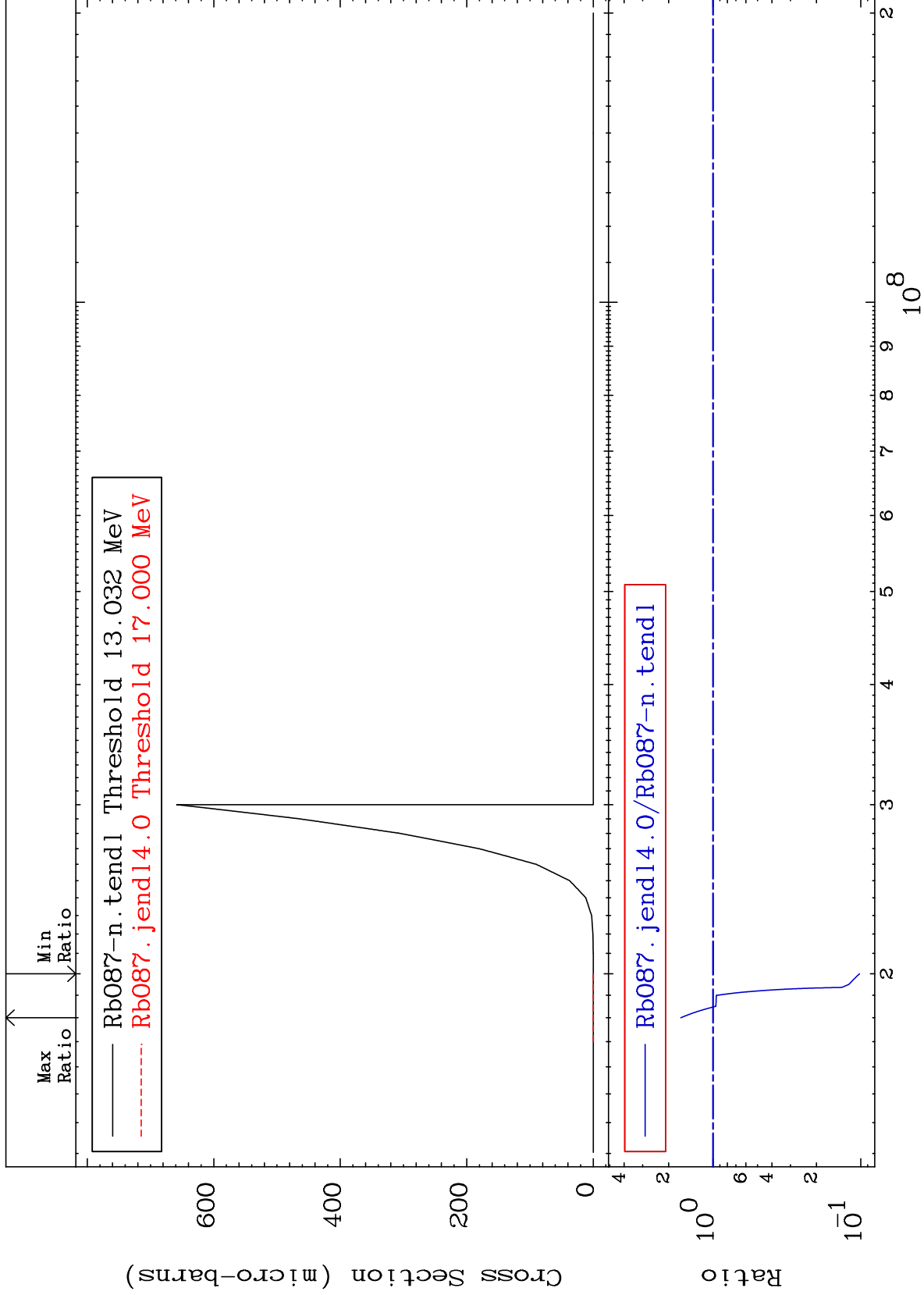


MAT 3731

(n, t)
Cross Section

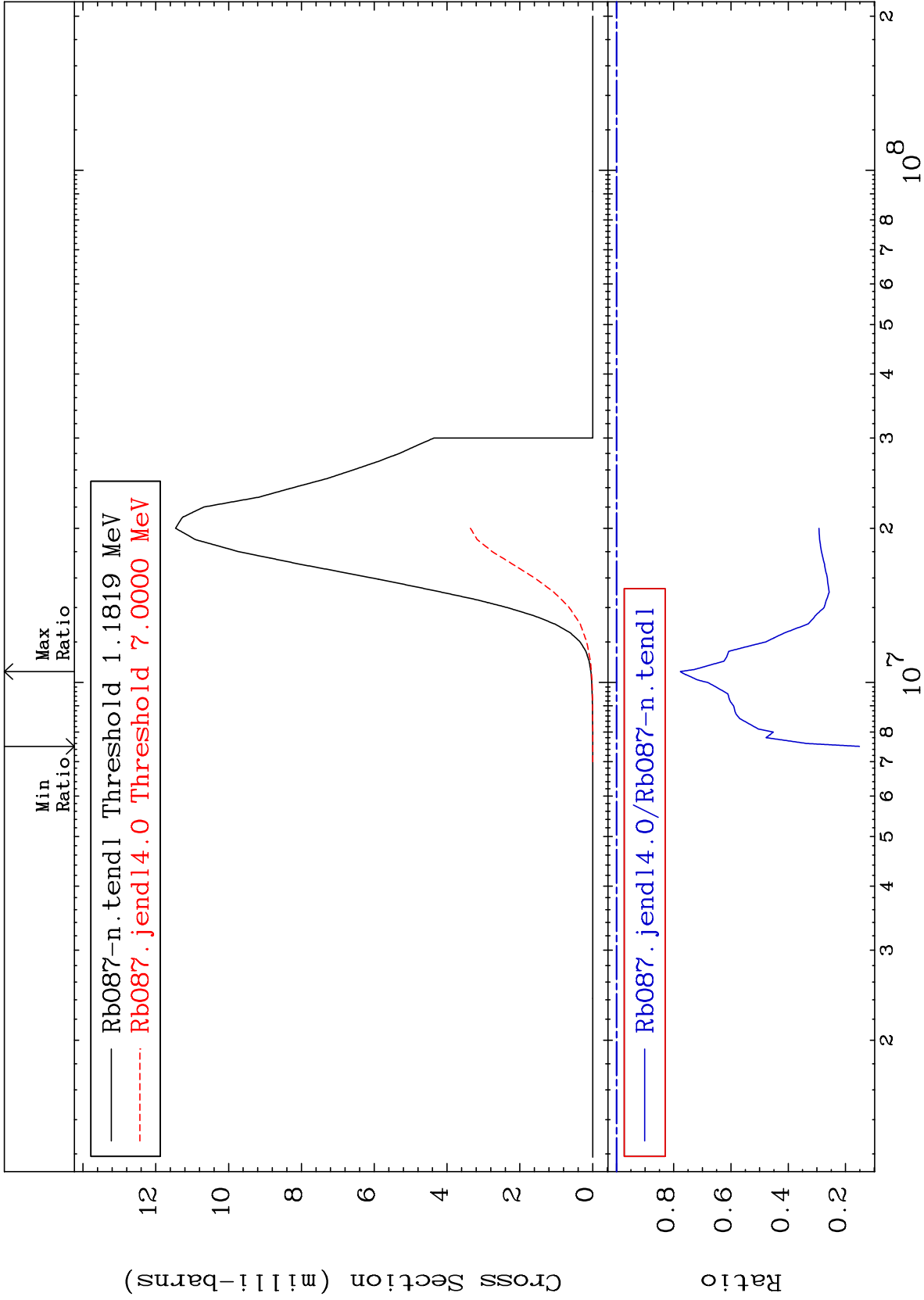
³⁷Rb-87
-94.84 To 327.3 %

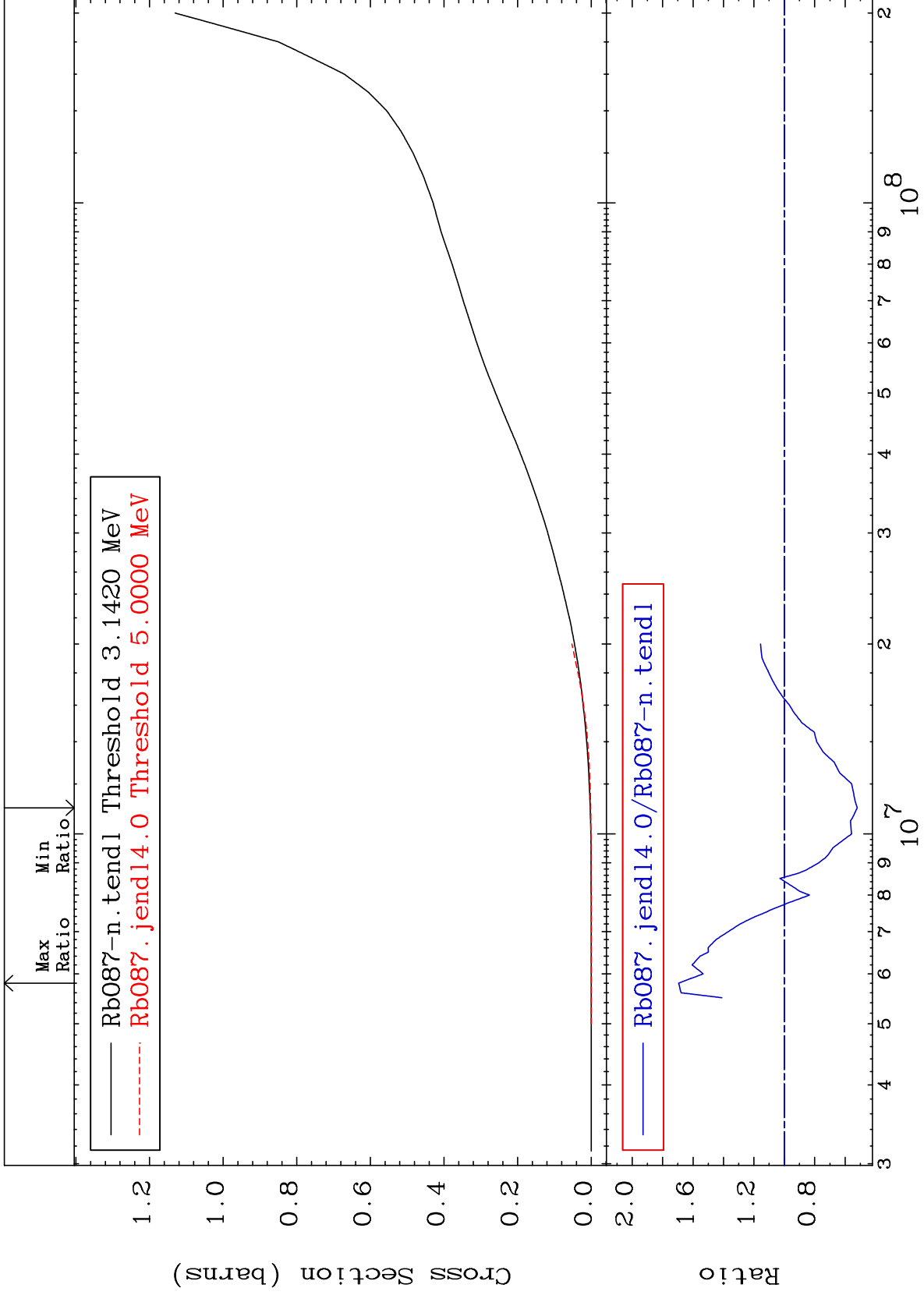




Cross Section

-84.86 To -22.31%

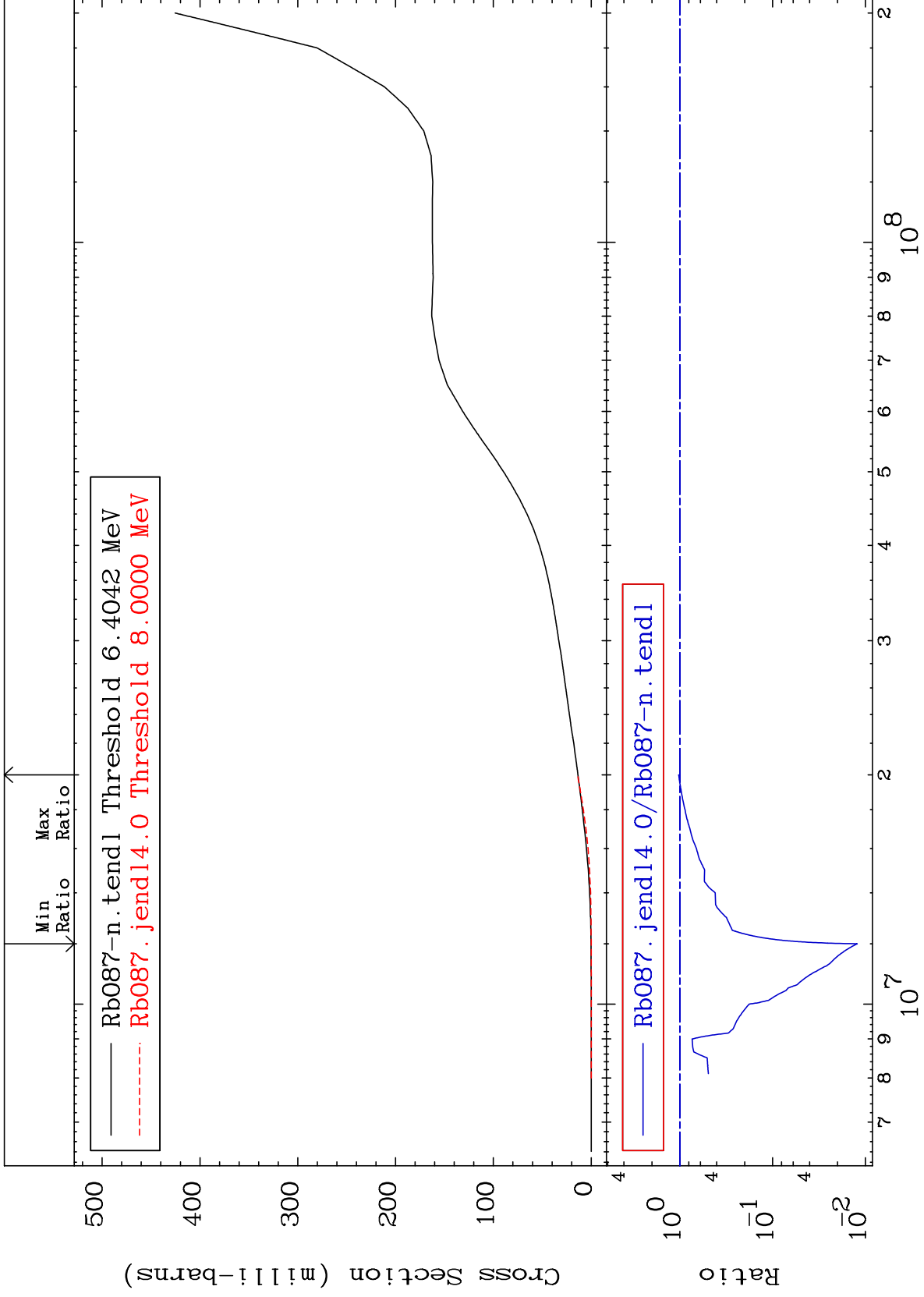




MAT 3731

Deuterium Production
Cross Section

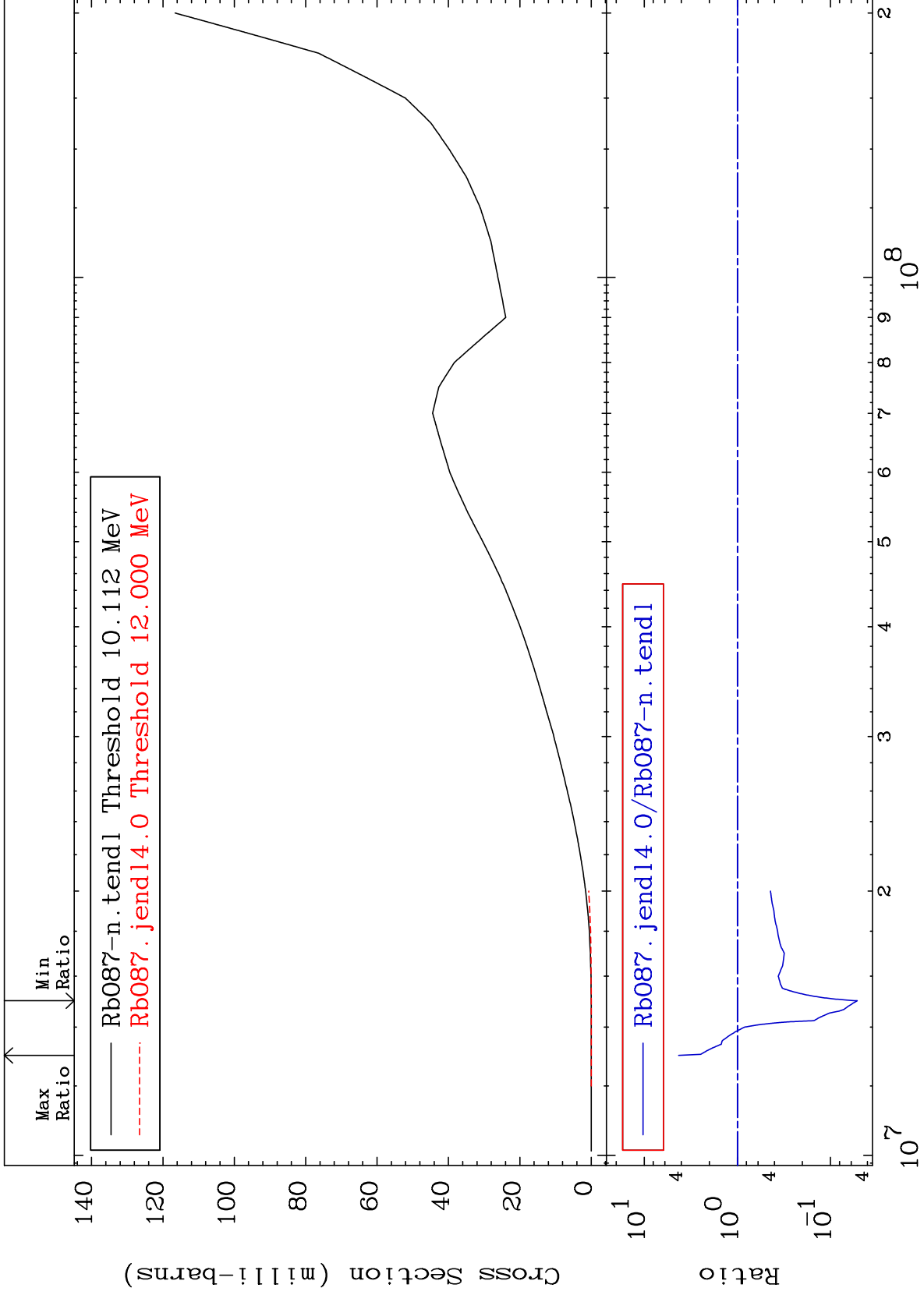
³⁷Rb-87
-98.78 To 2.996 %



MAT 3731

Tritium Production
Cross Section

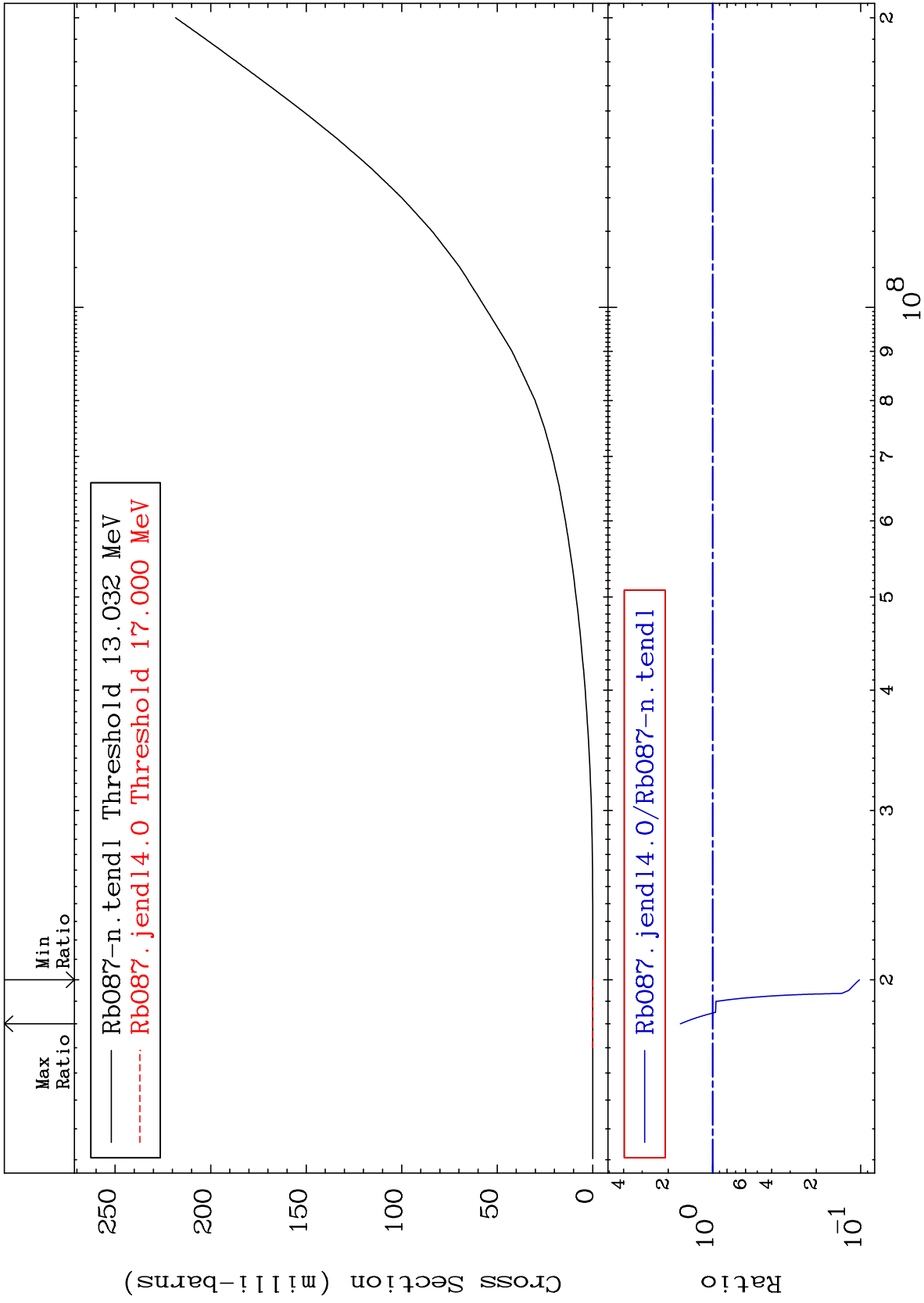
³⁷Rb-87
-94.84 To 327.3 %



Incident Energy (eV)

³⁷Rb-87

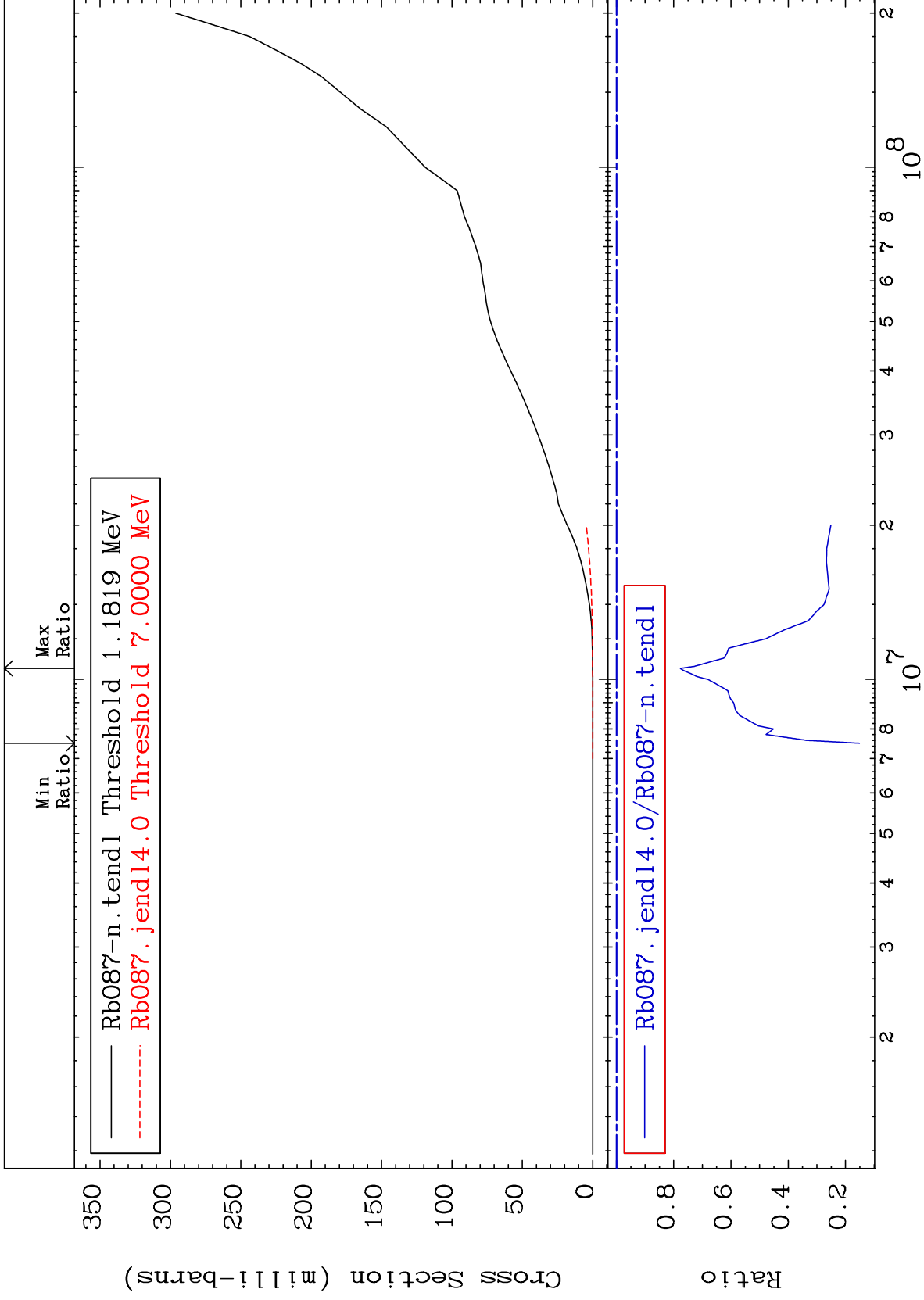
33



MAT 3731

He-4 Production
Cross Section

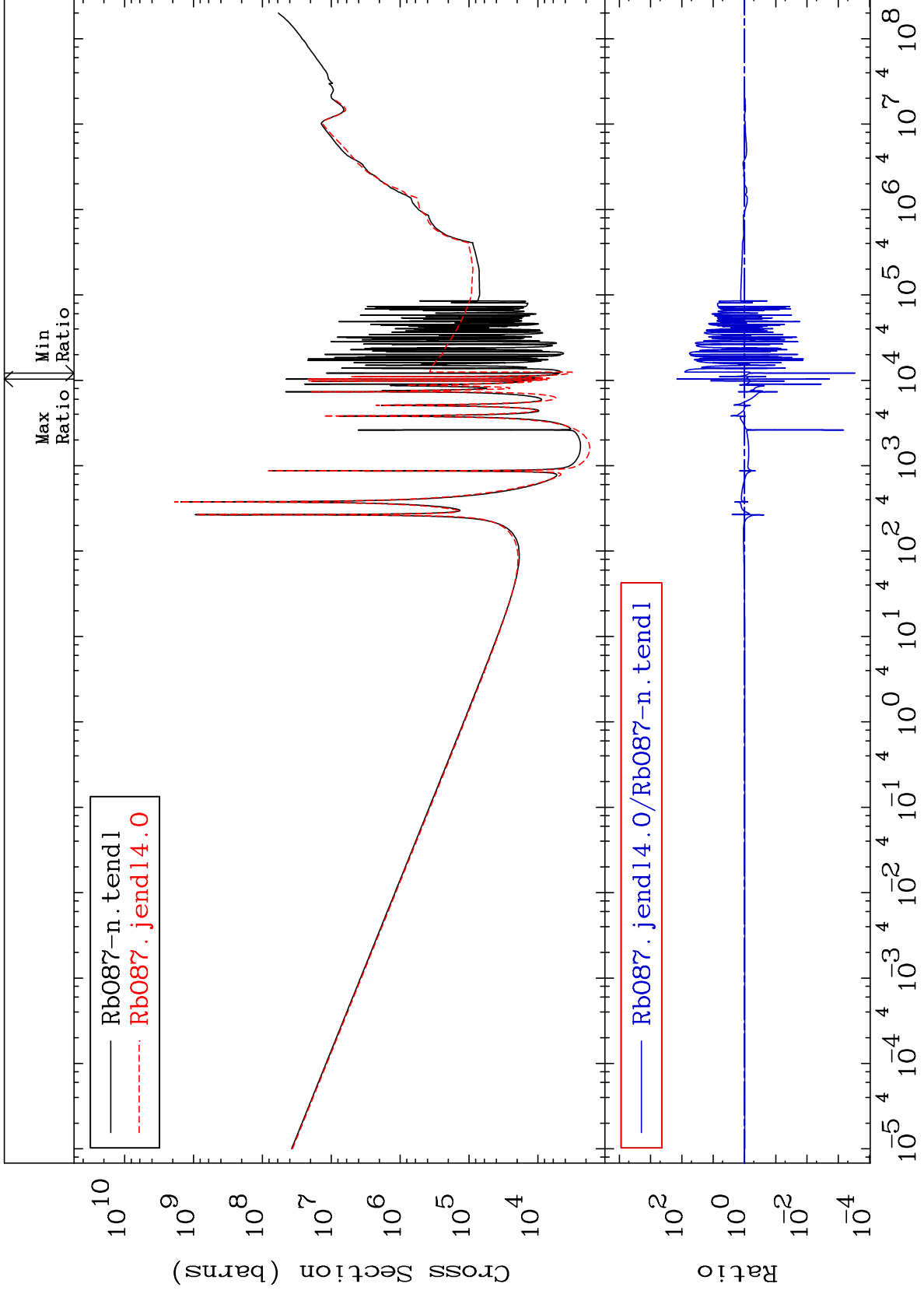
³⁷Rb-87
-84.86 To -22.31%

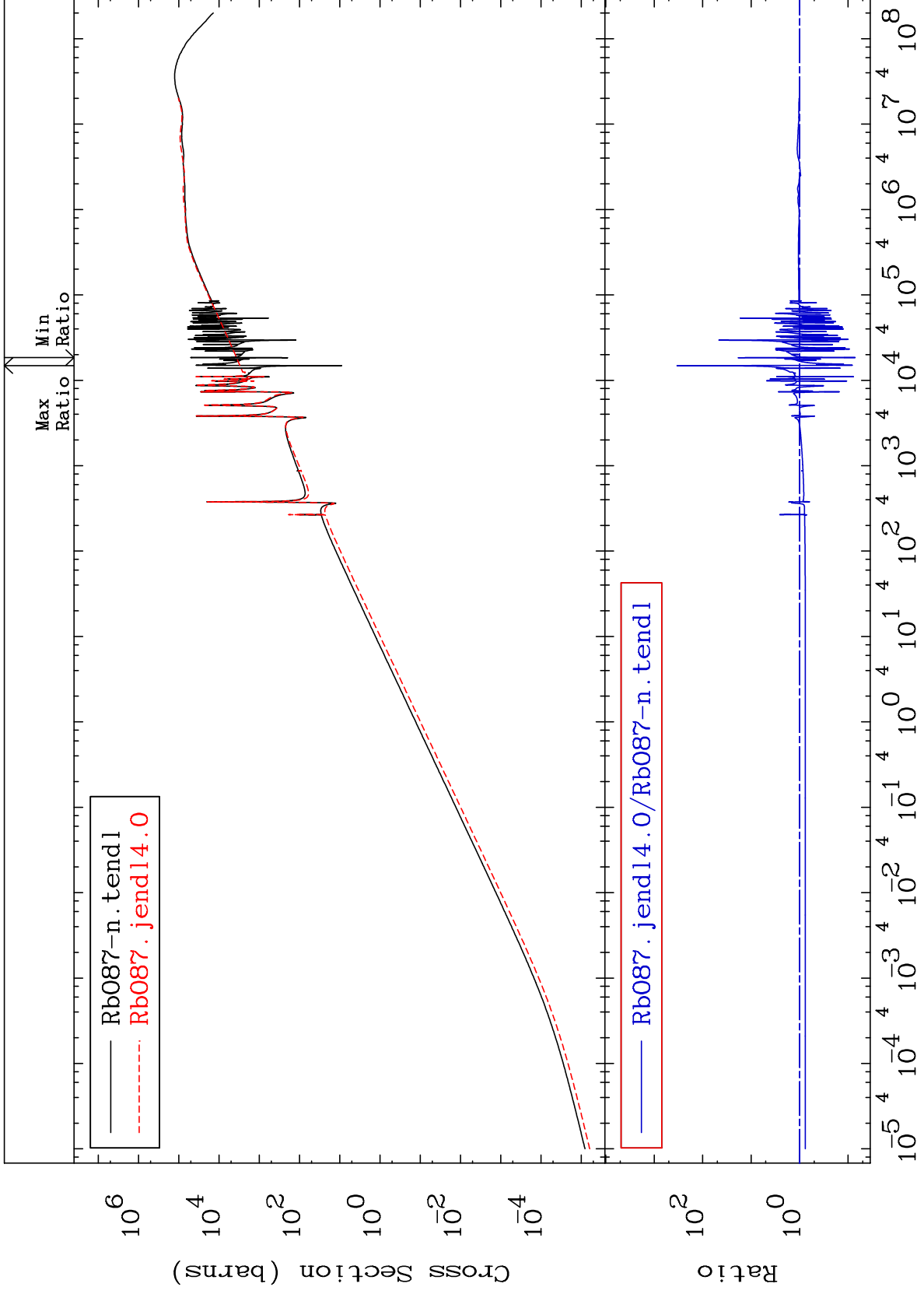


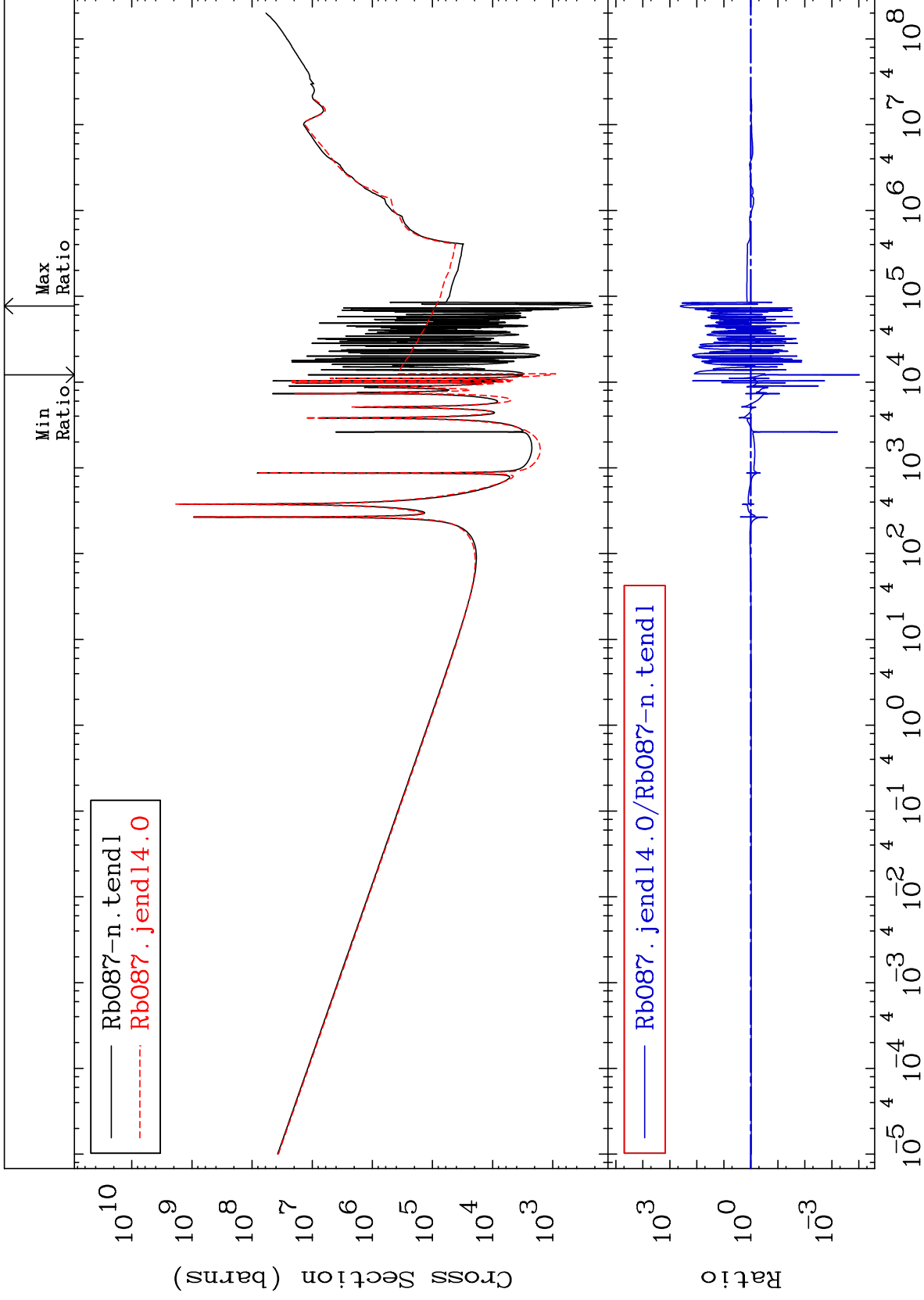
35

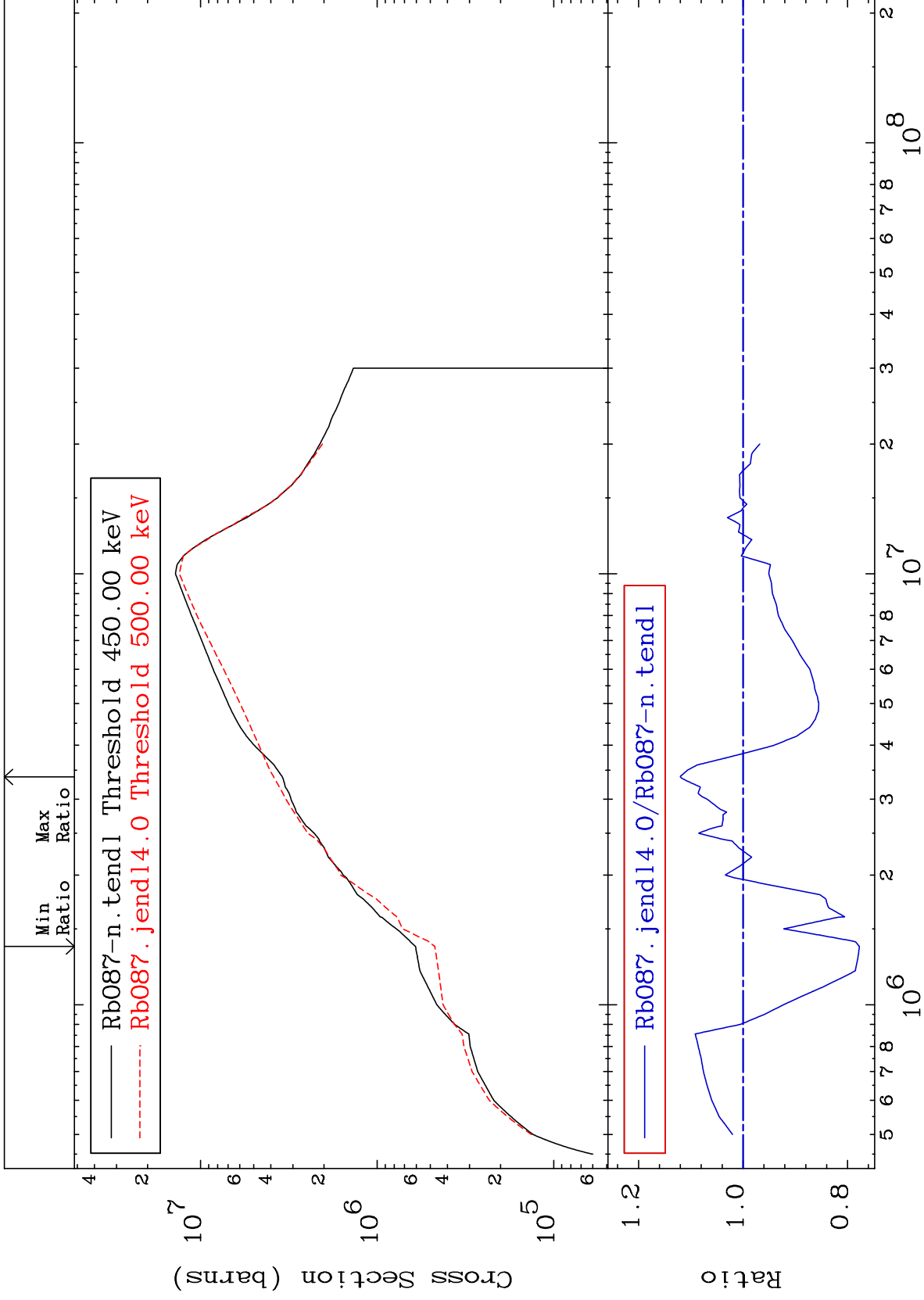
Incident Energy (eV)

³⁷Rb-87





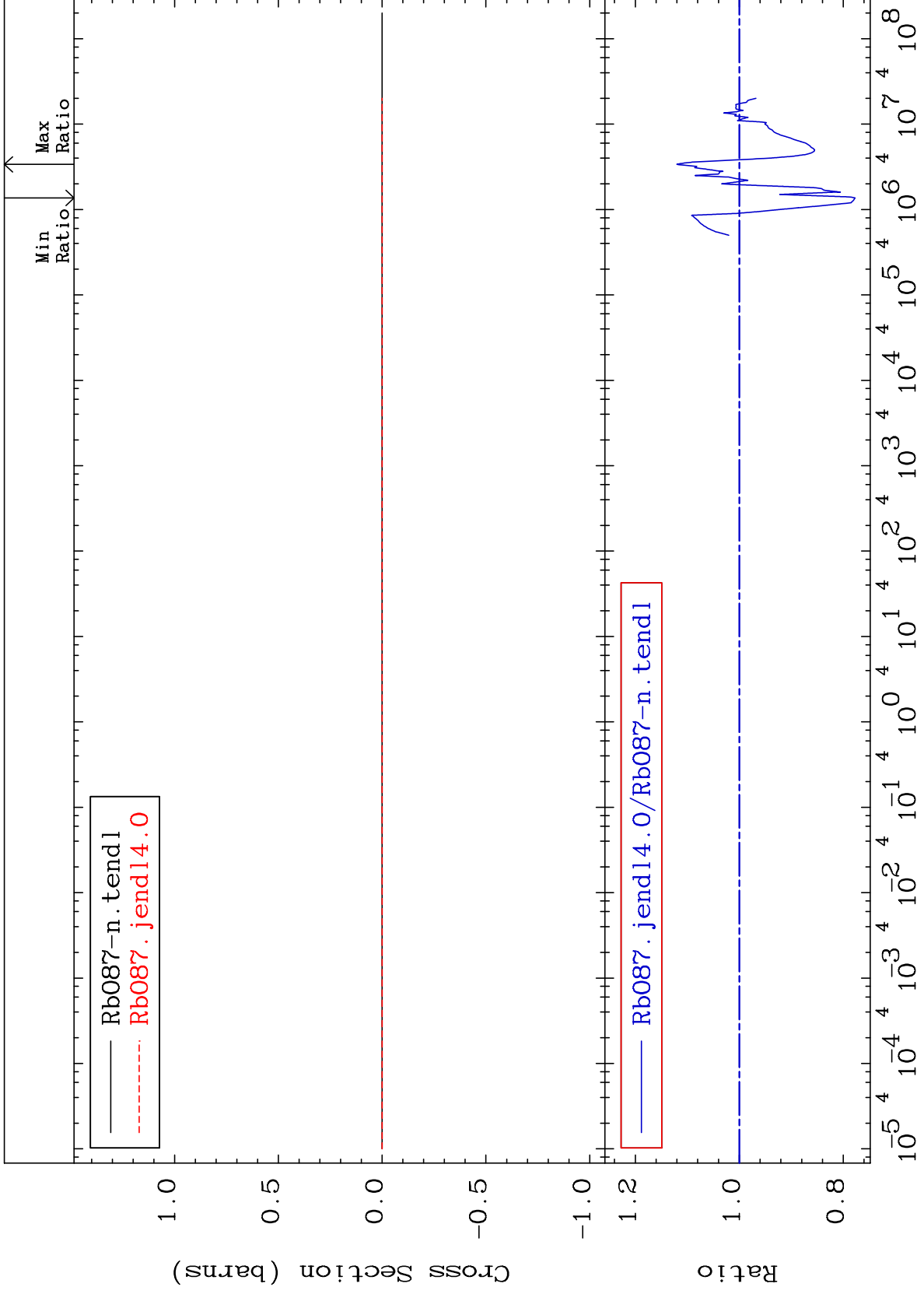




MAT 3731

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

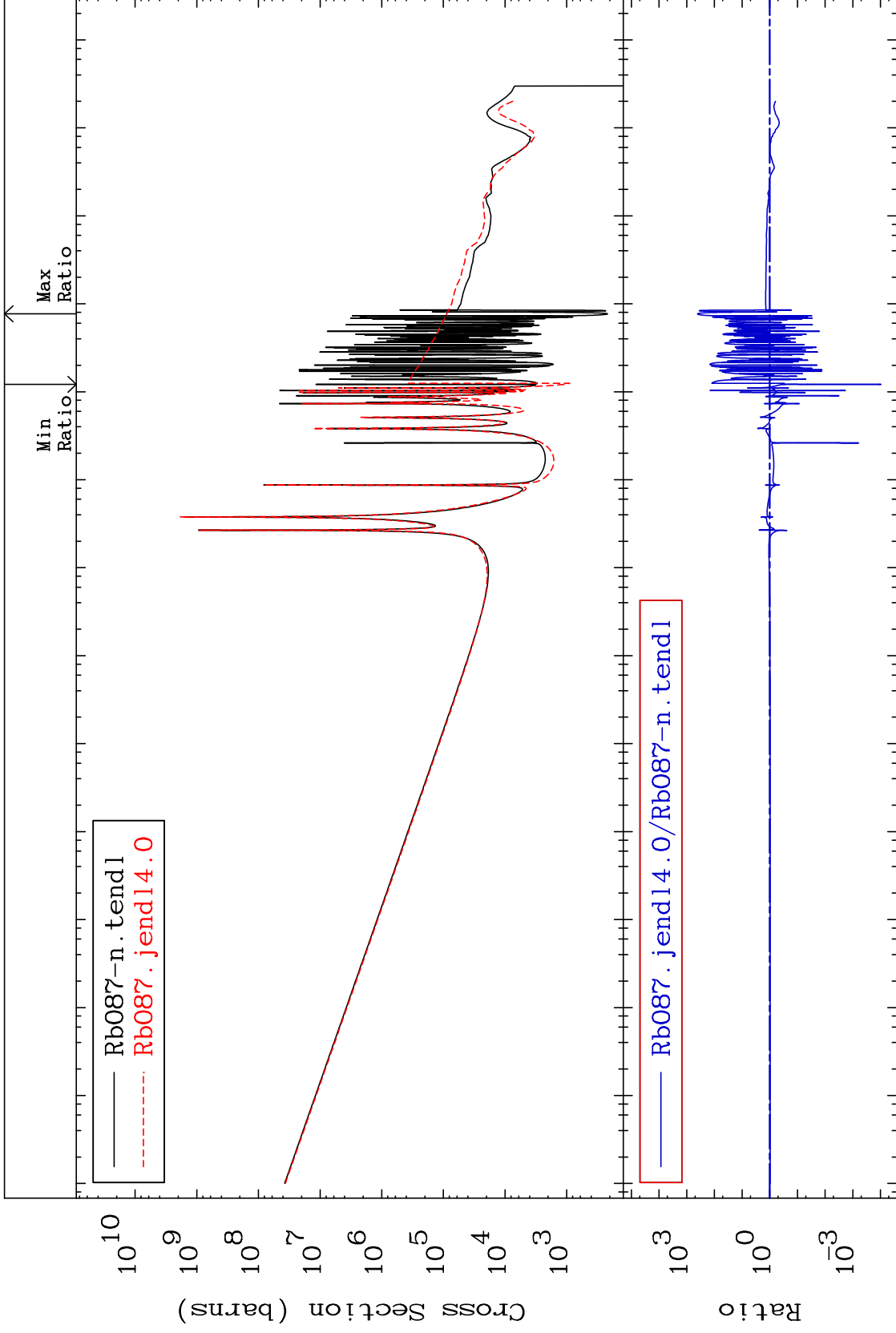
37-Rb-87
-22.28 To 12.00 %

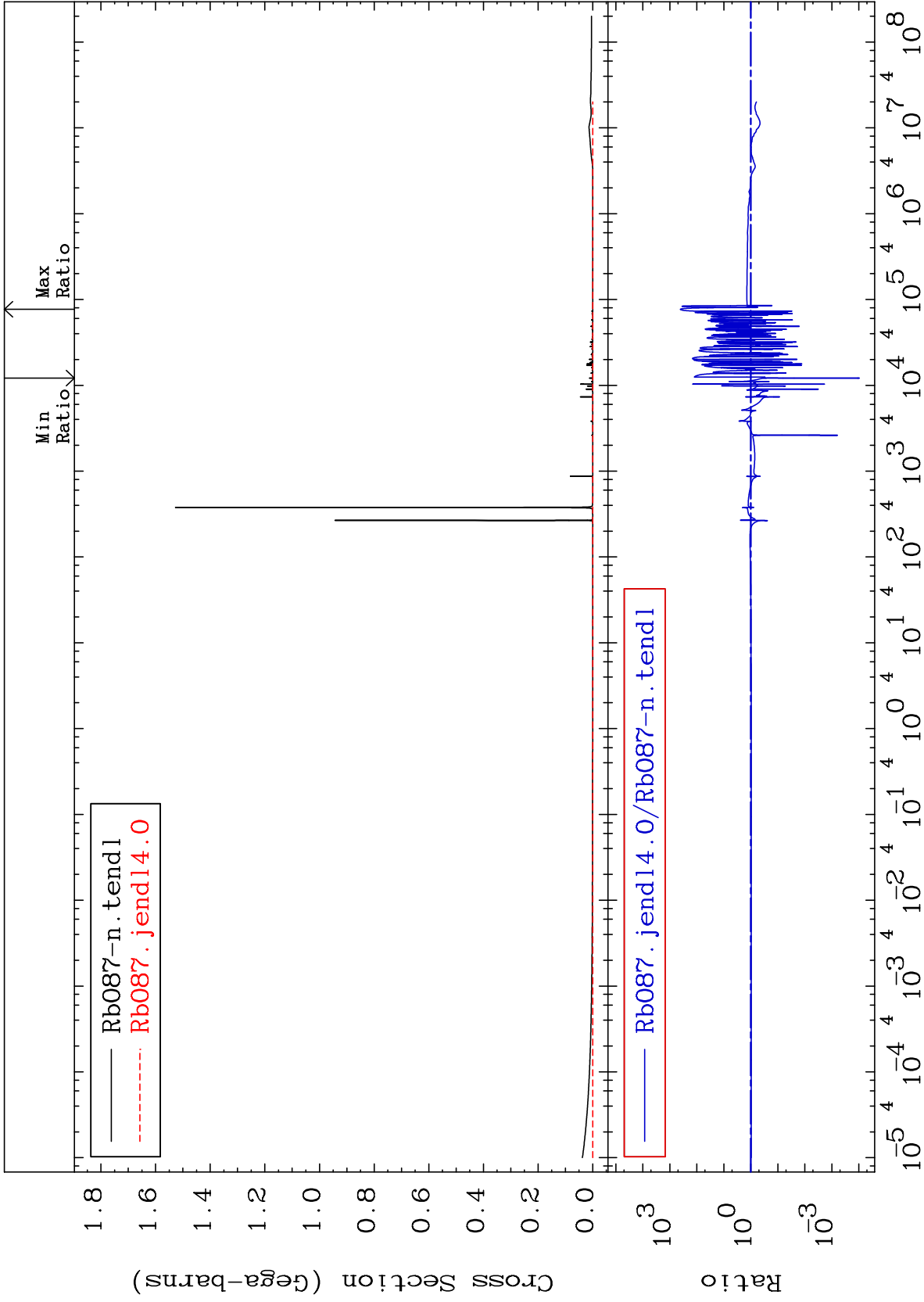


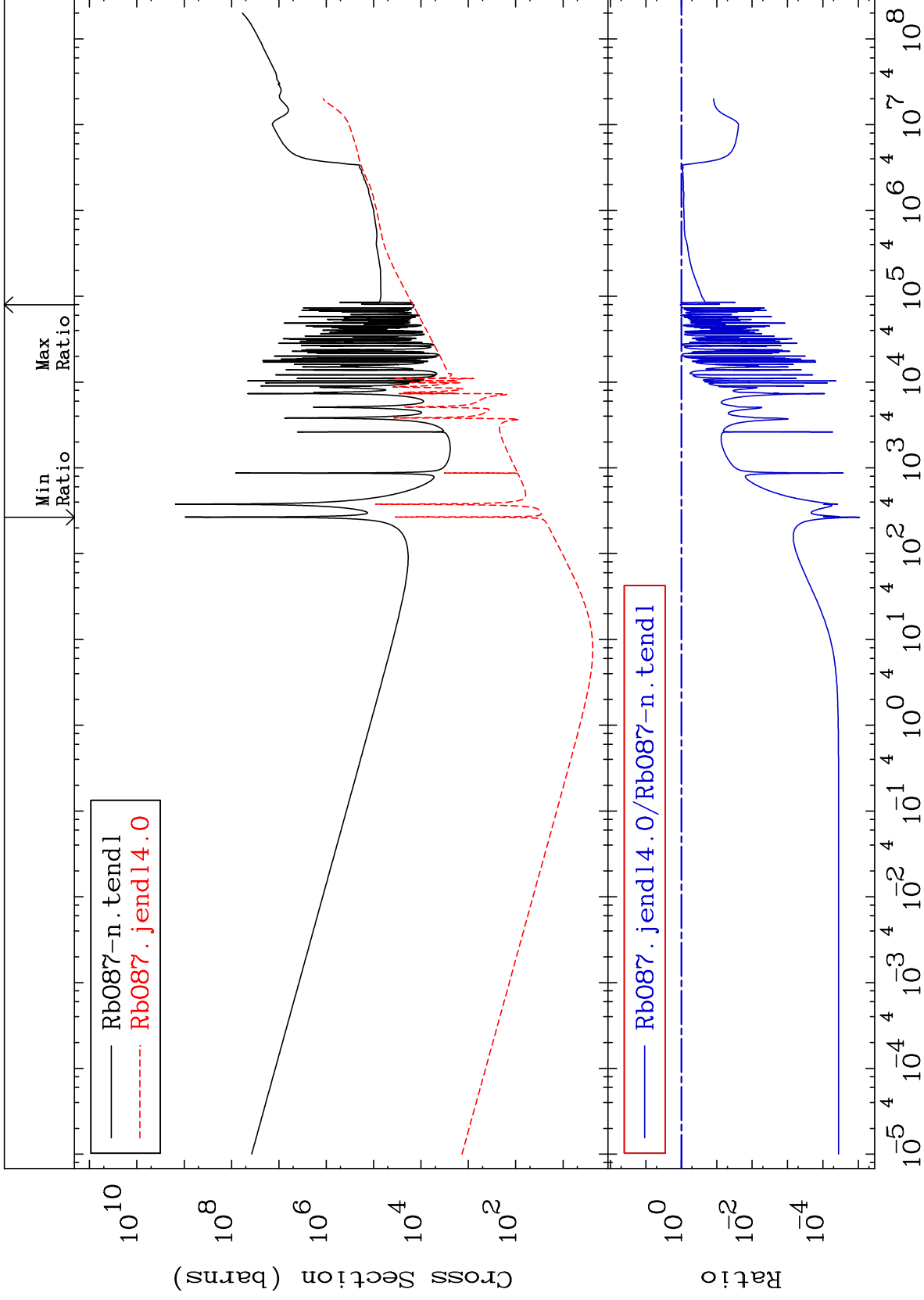
MAT 3731

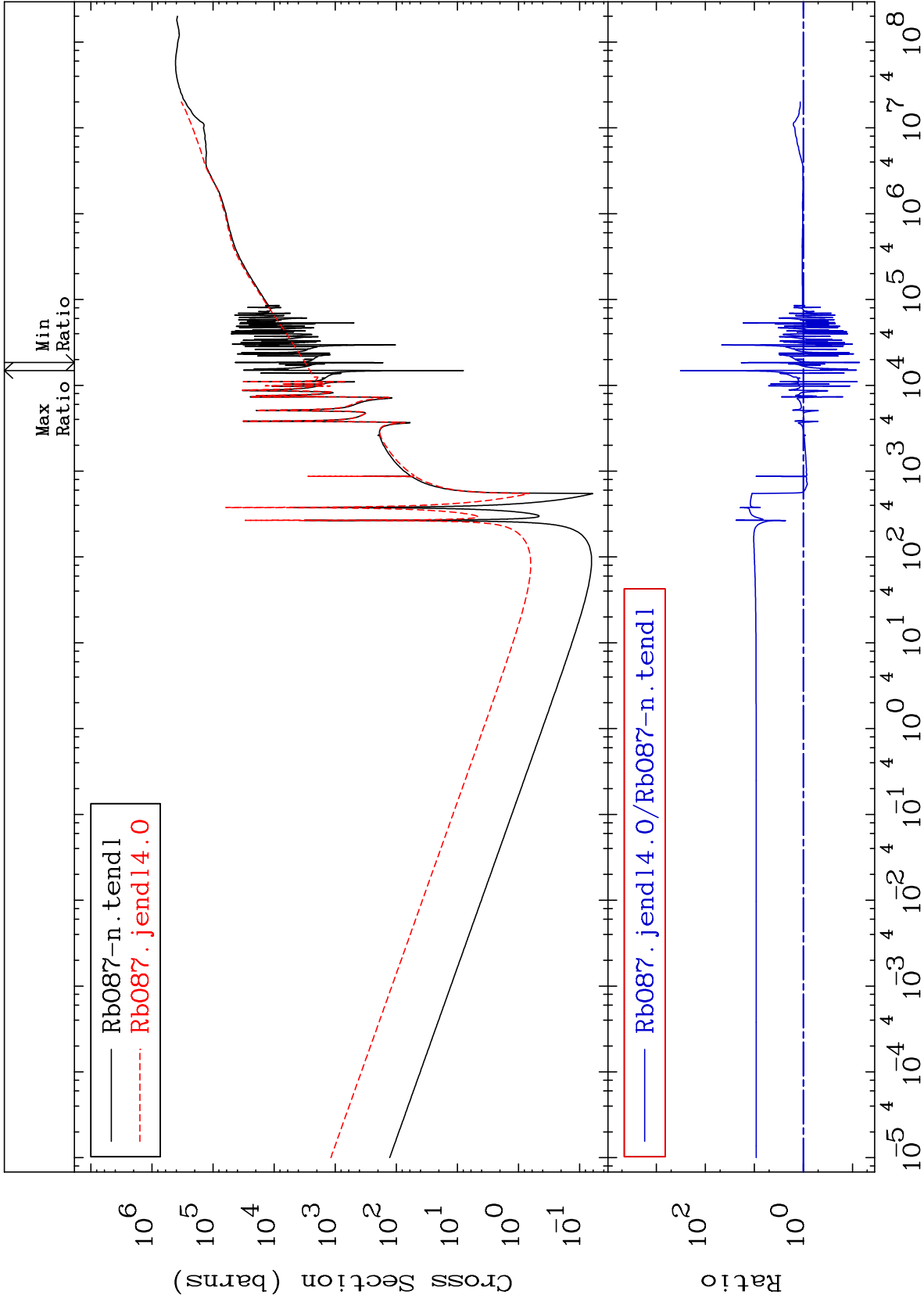
Kerma capture (mt102)
Cross Section

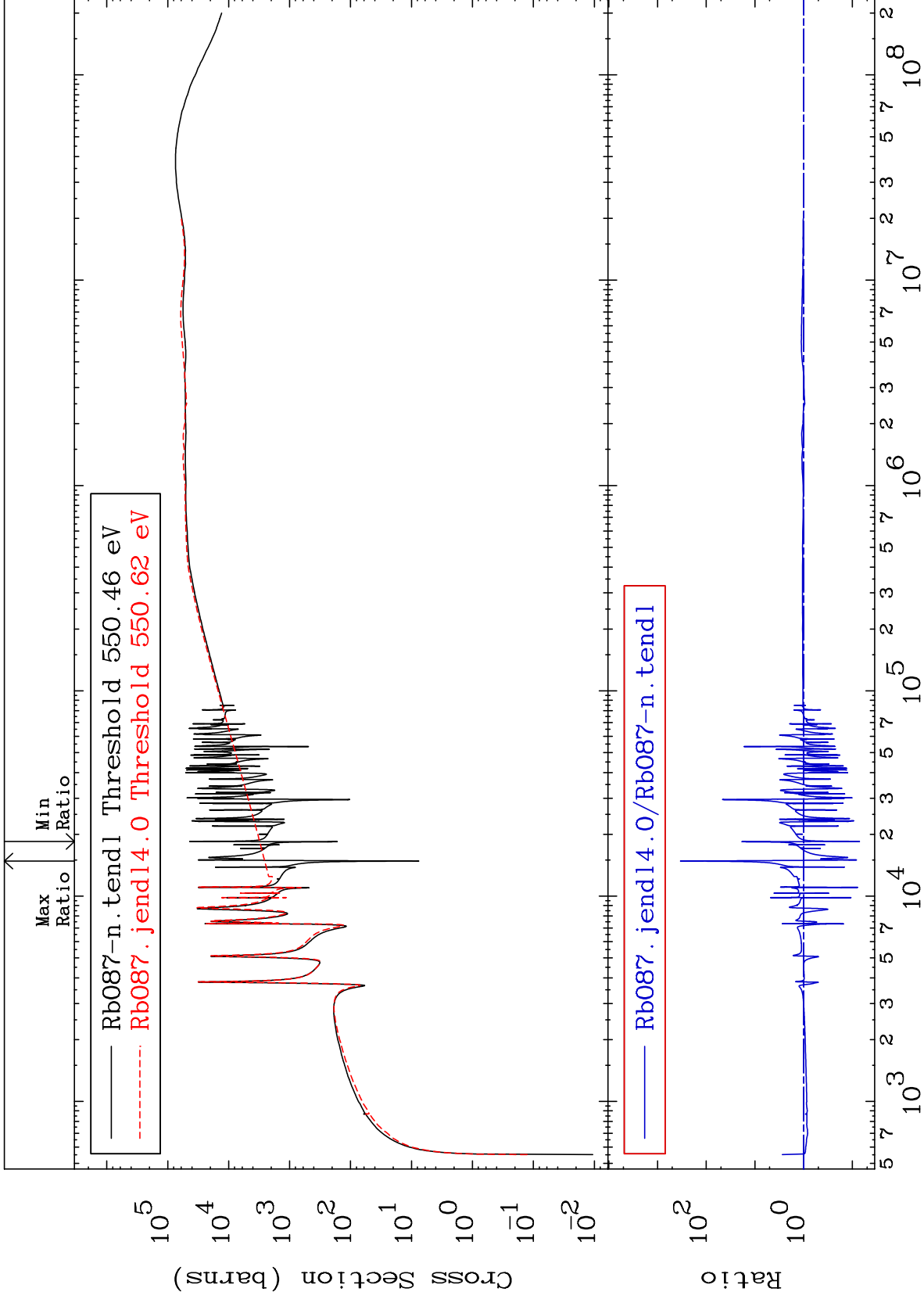
37-Rb-87
-99.99 To 9999. %

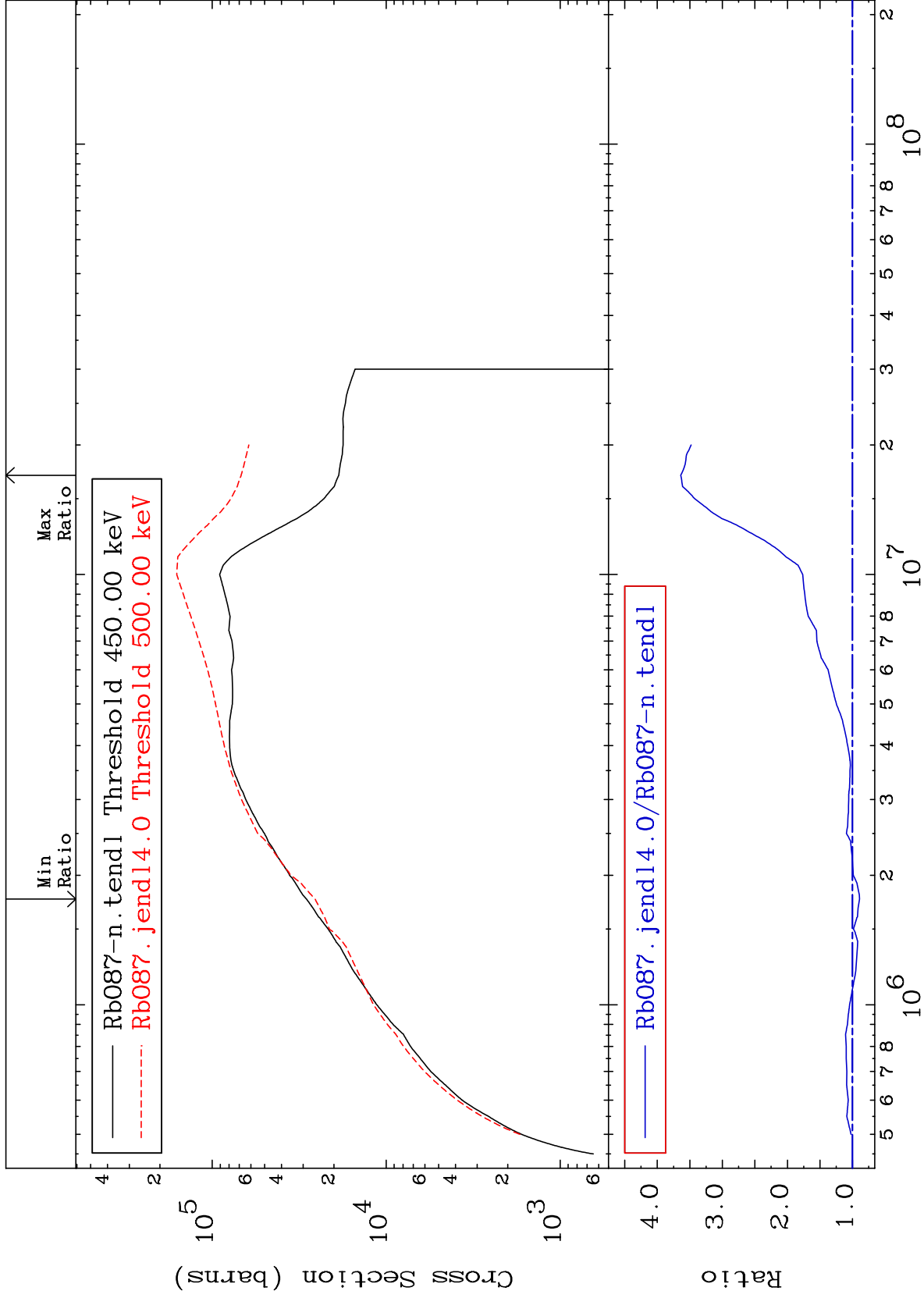












MAT 3731

Dpa disappearance (mt102 -120)
Cross Section

37-Rb-87
-99.87 To 9999. %

