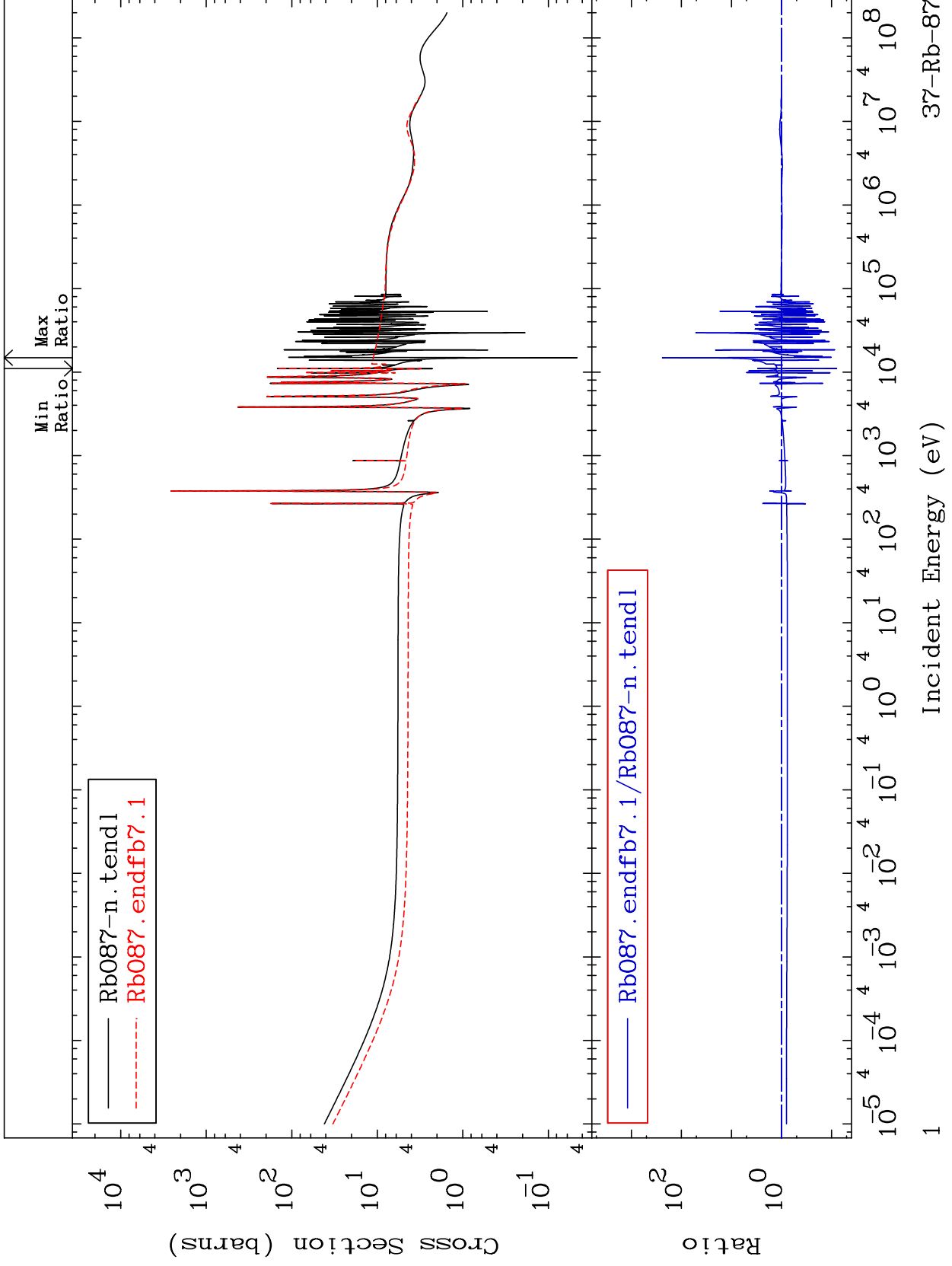


MAT 3731

Total
Cross Section

37-Rb-87
-92.09 To 9999. %

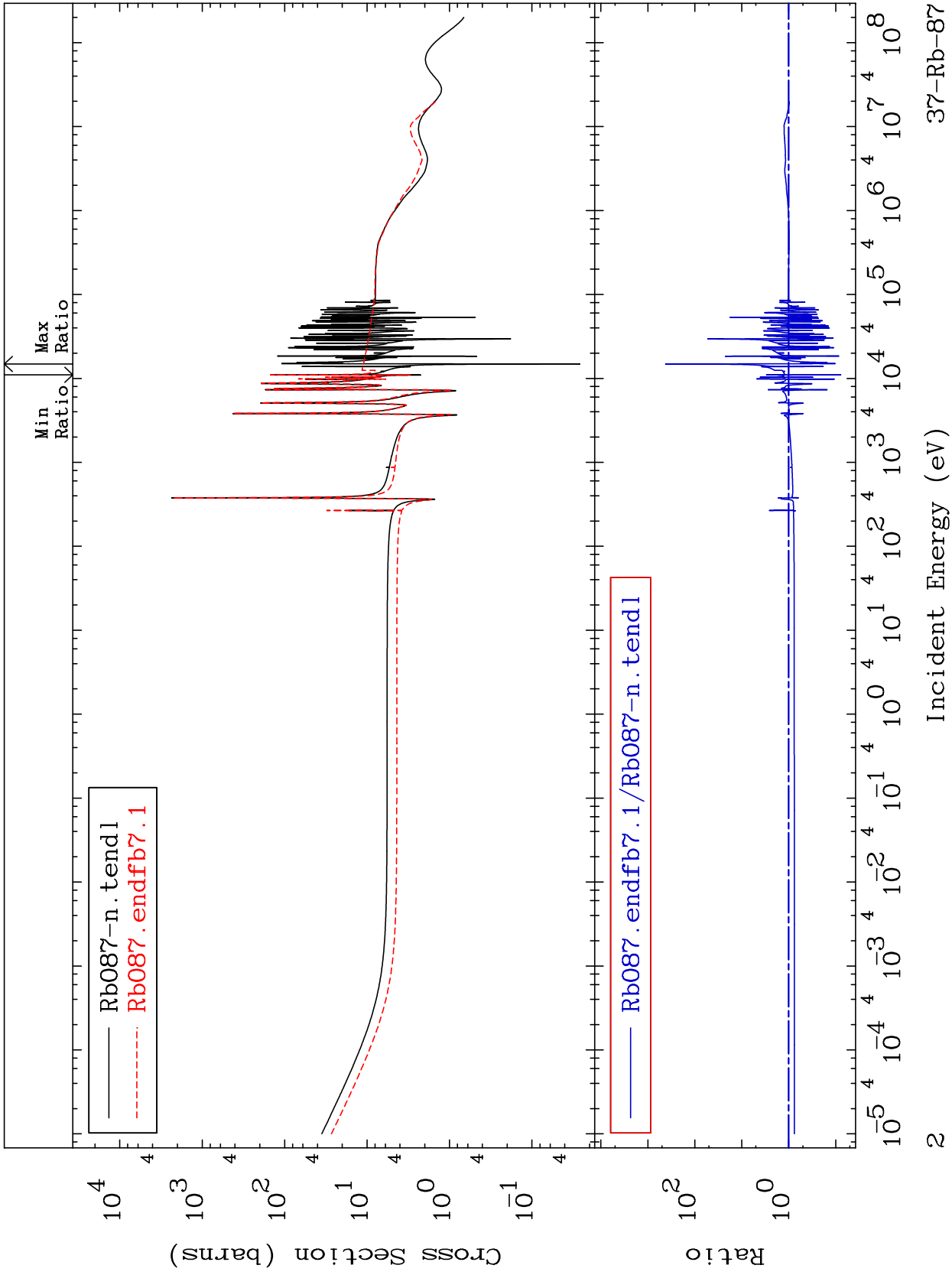


37-Rb-87

MAT 3731

Elastic
Cross Section

37-Rb-87
-92.17 To 9999. %



37-Rb-87

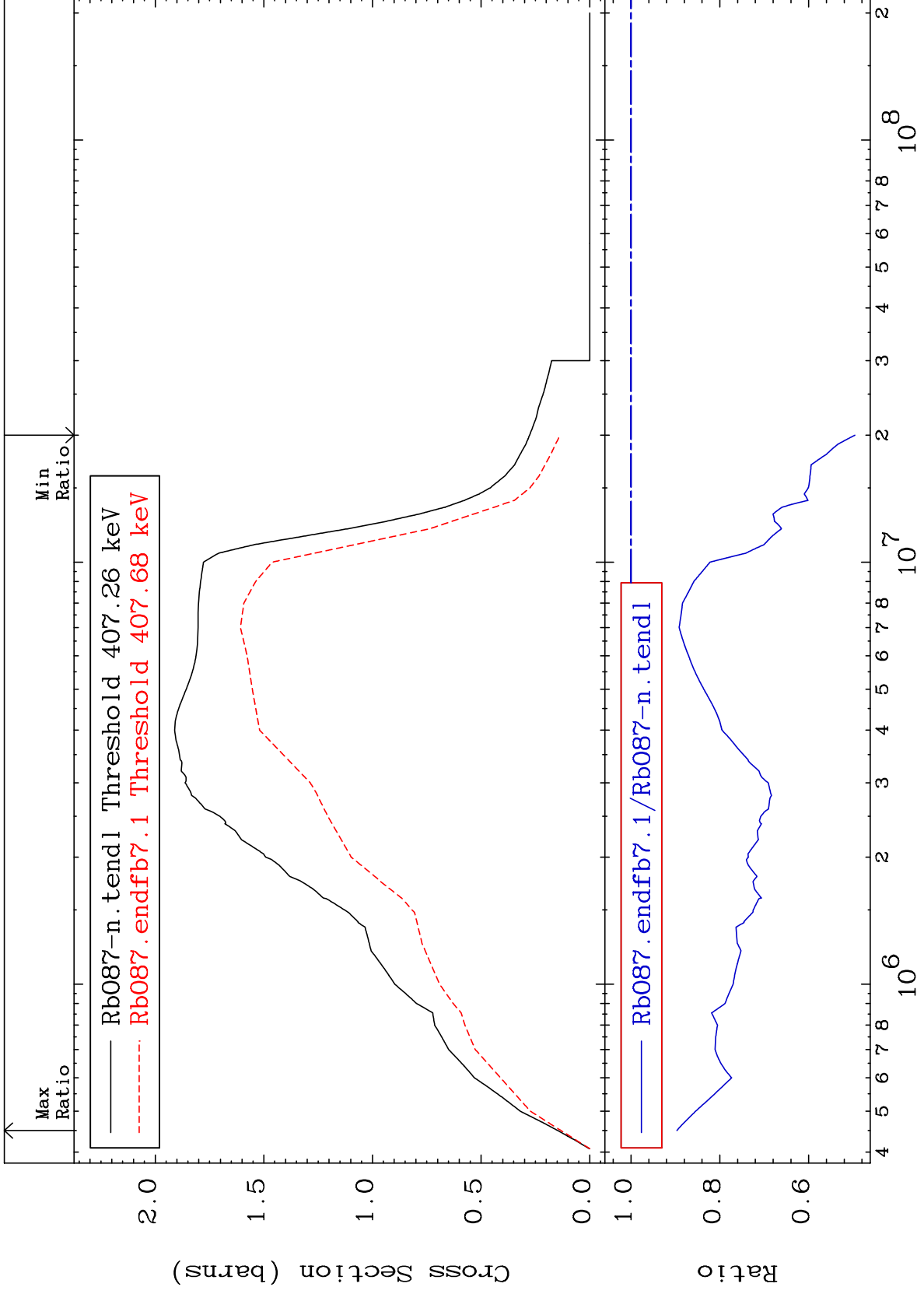
Incident Energy (eV)

2

MAT 3731

Inelastic
Cross Section

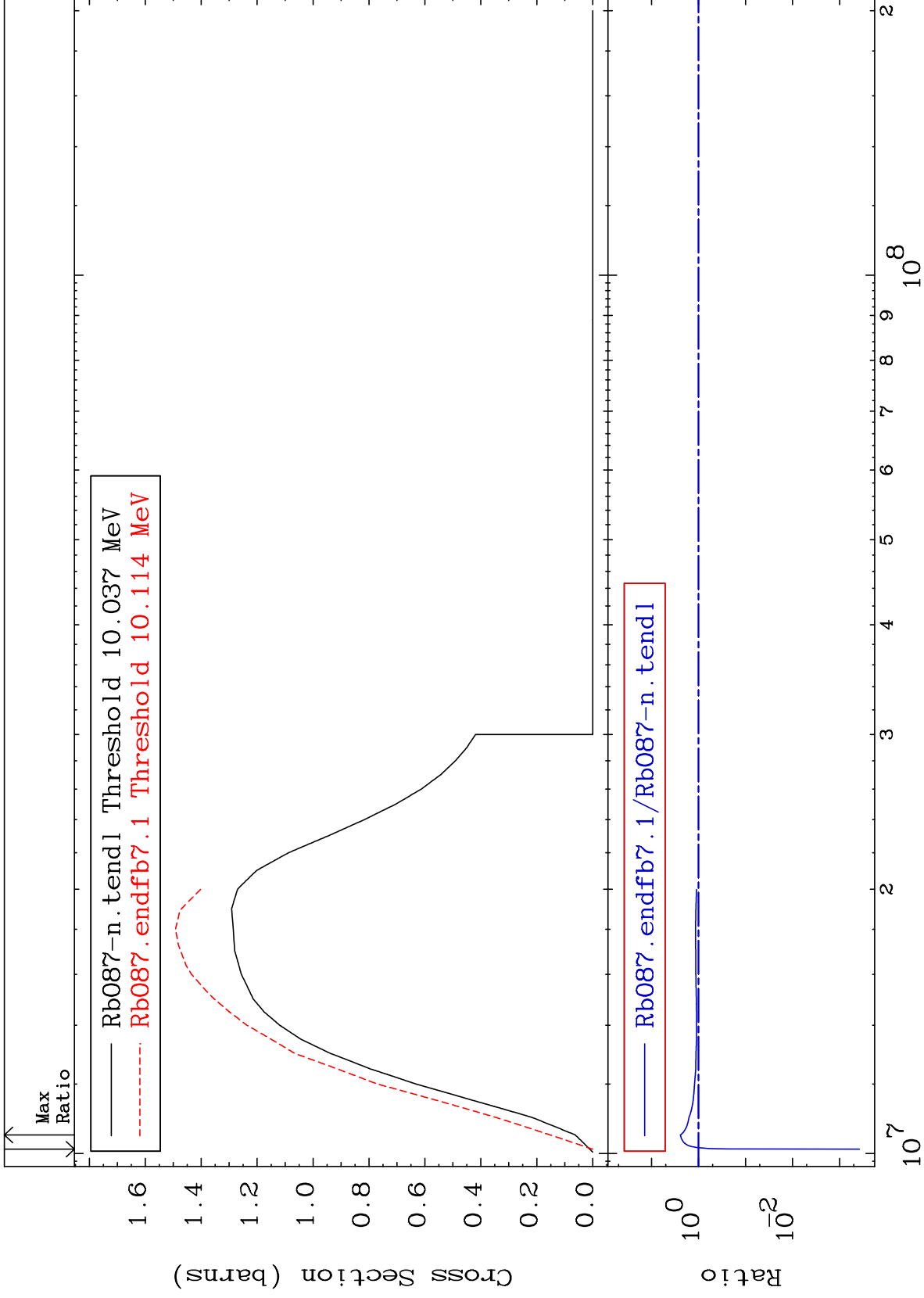
$^{37}\text{Rb-87}$
-50.44 To -10.34%



MAT 3731

(n,2n)
Cross Section

37-Rb-87
-99.96 To 143.6 %



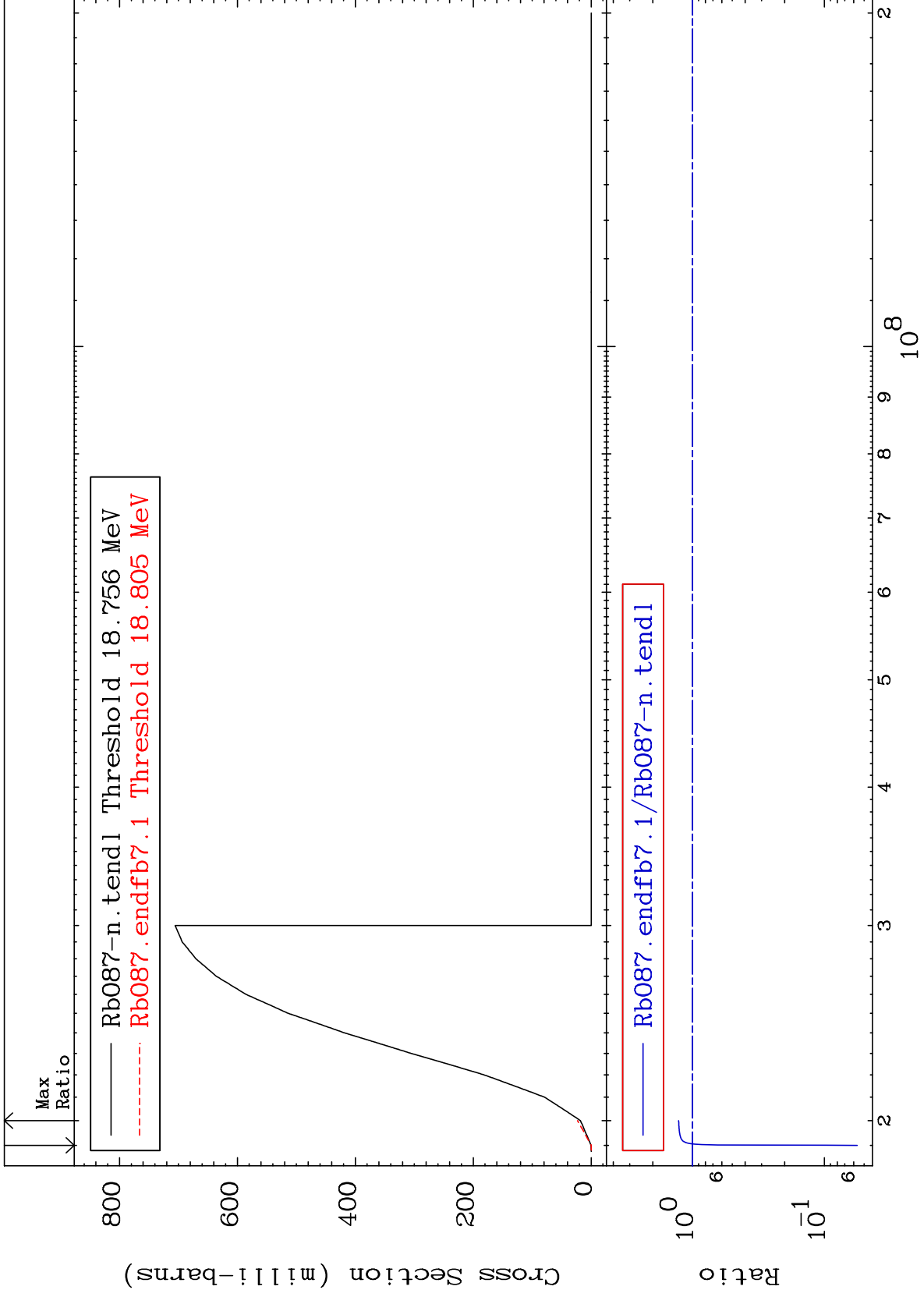
Incident Energy (eV)

37-Rb-87

MAT 3731

(n,3n)
Cross Section

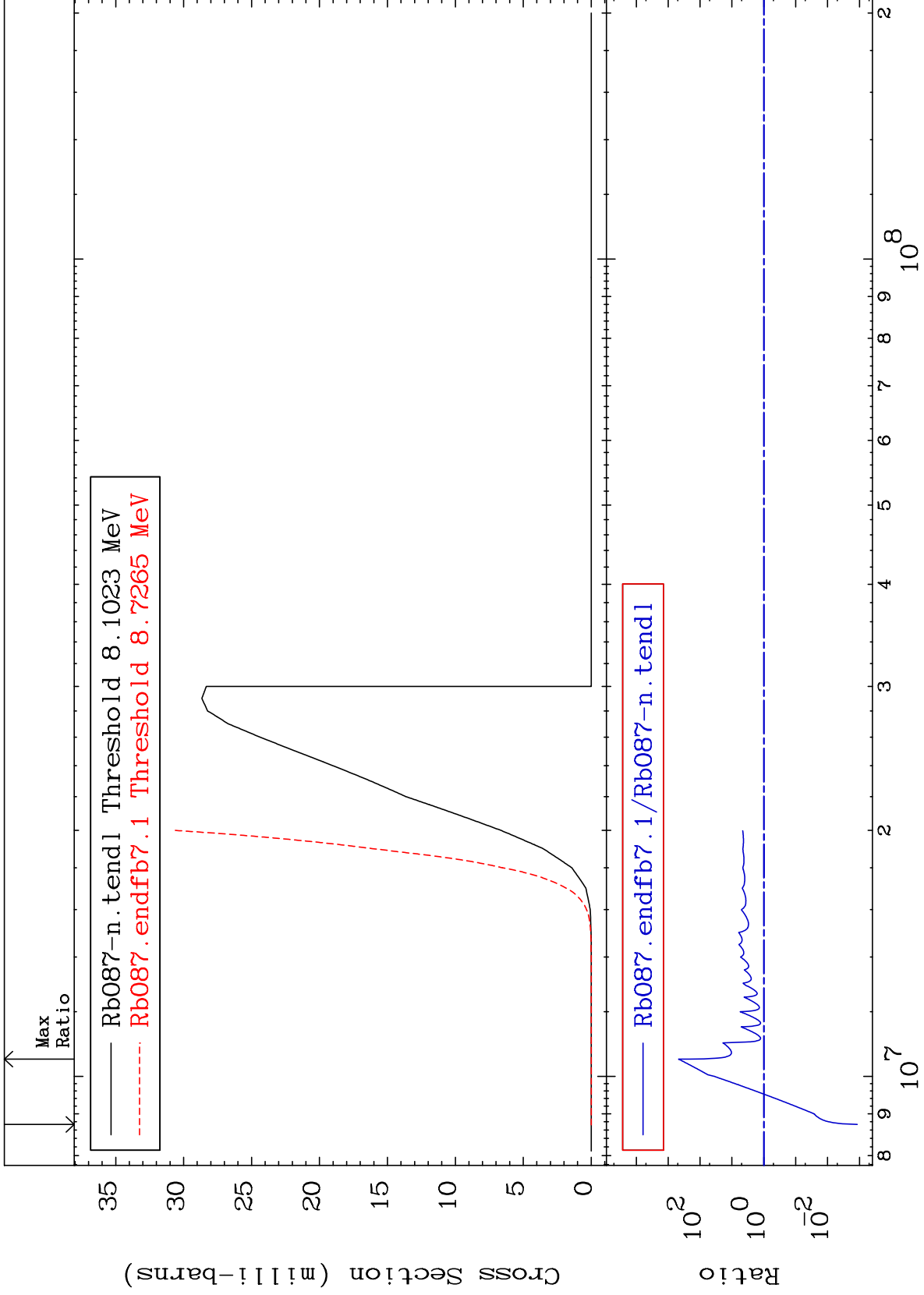
³⁷Rb-87
-94.36 To 27.57 %



MAT 3731

(n, n') α
Cross Section

37-Rb-87
-99.88 To 9999. %



6

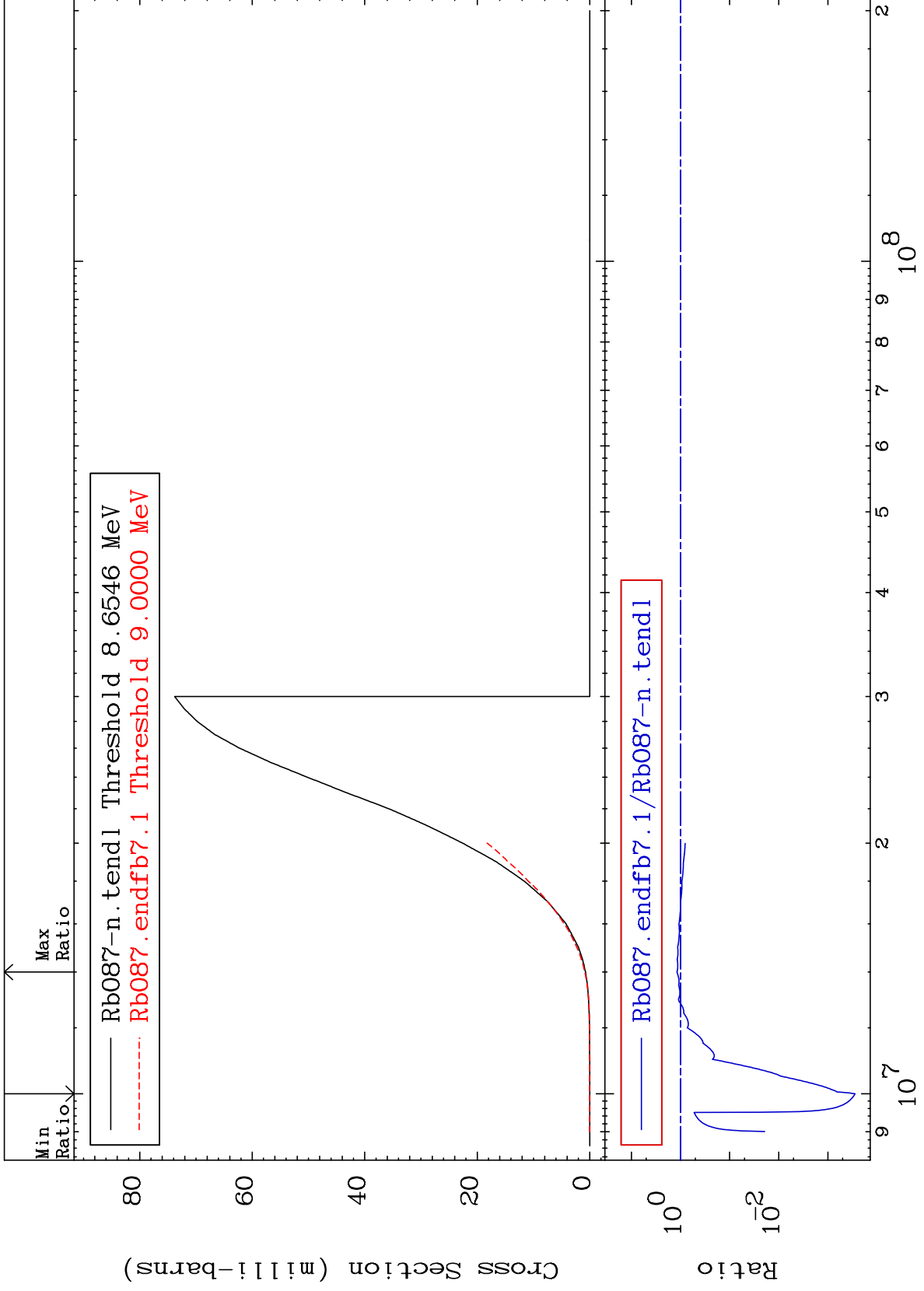
Incident Energy (eV)

37-Rb-87

MAT 3731

(n, n') p
Cross Section

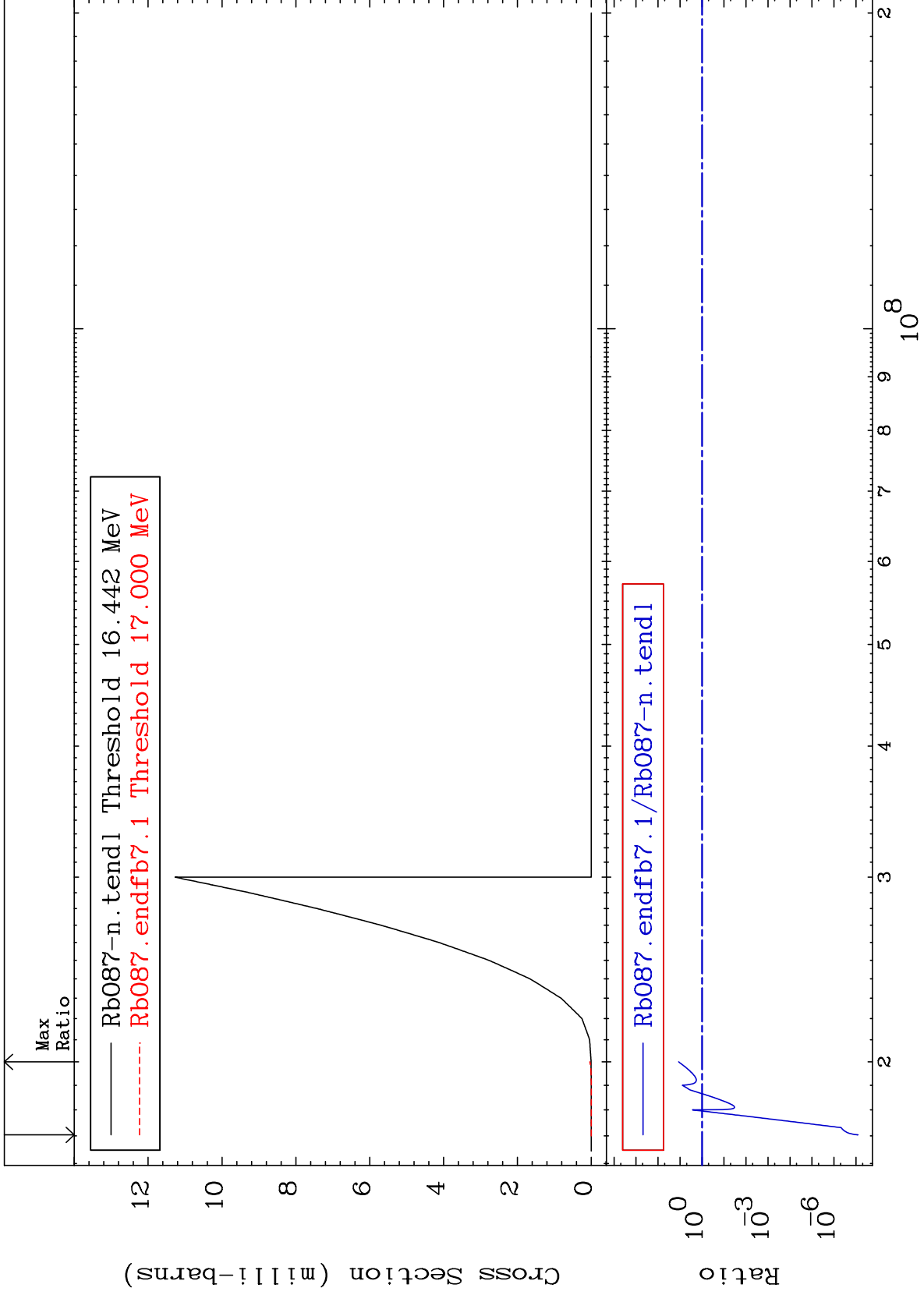
³⁷Rb-87
-99.97 To 18.52 %



7

Incident Energy (eV)

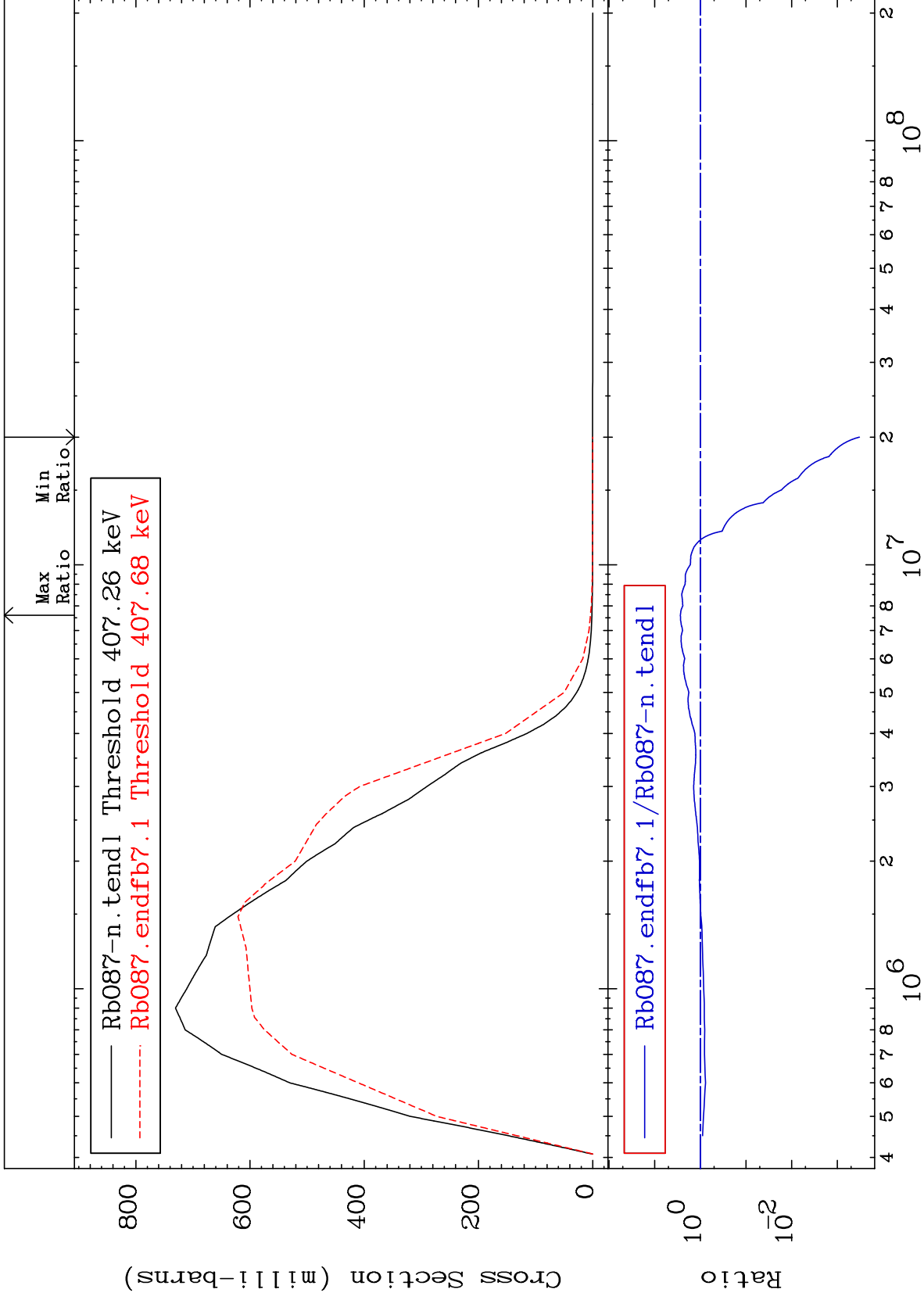
³⁷Rb-87



MAT 3731

402.6 keV (n,n') Level
Cross Section

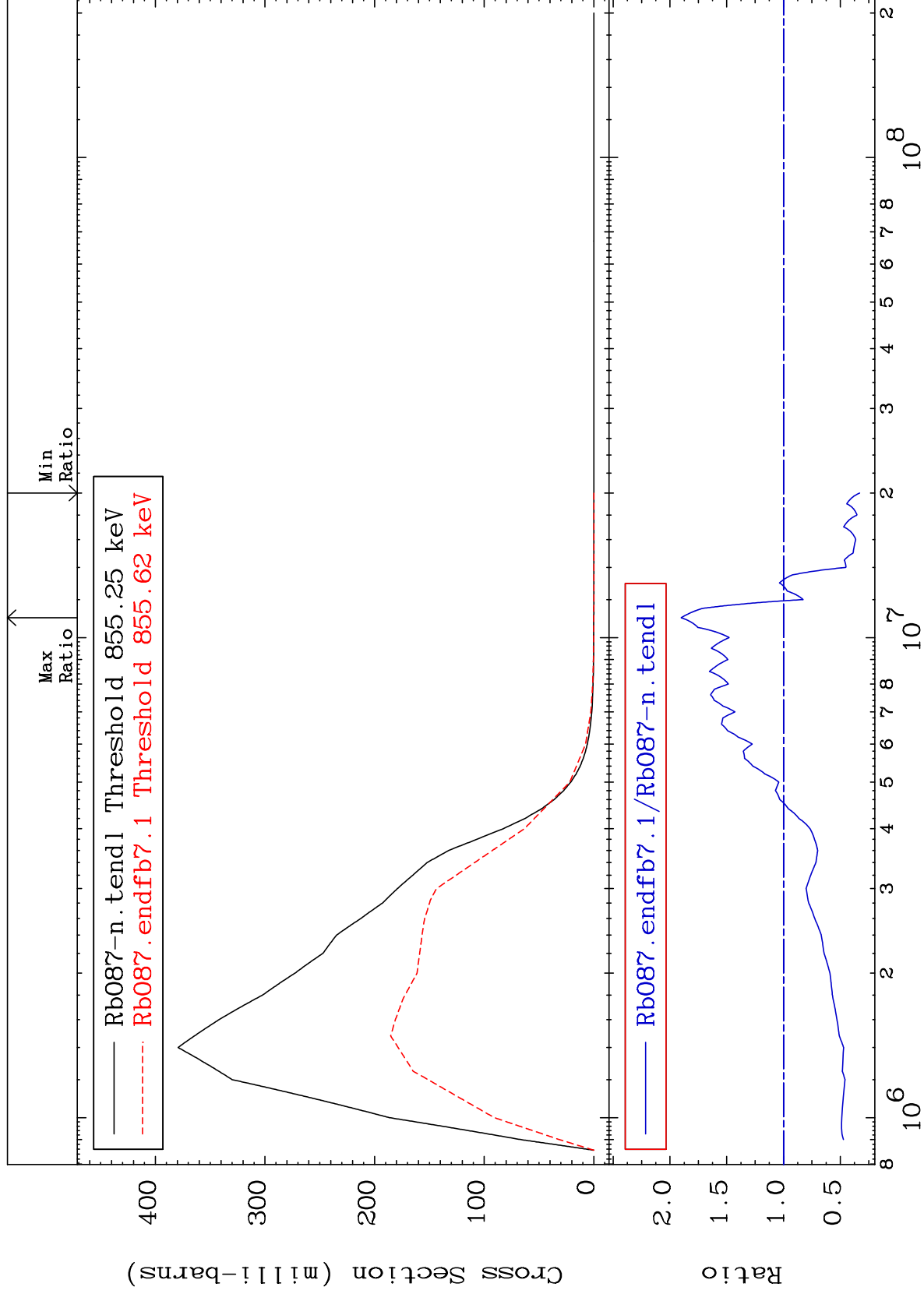
³⁷Rb-87
-99.97 To 174.6 %



MAT 3731

845.4 keV (n,n') Level
Cross Section

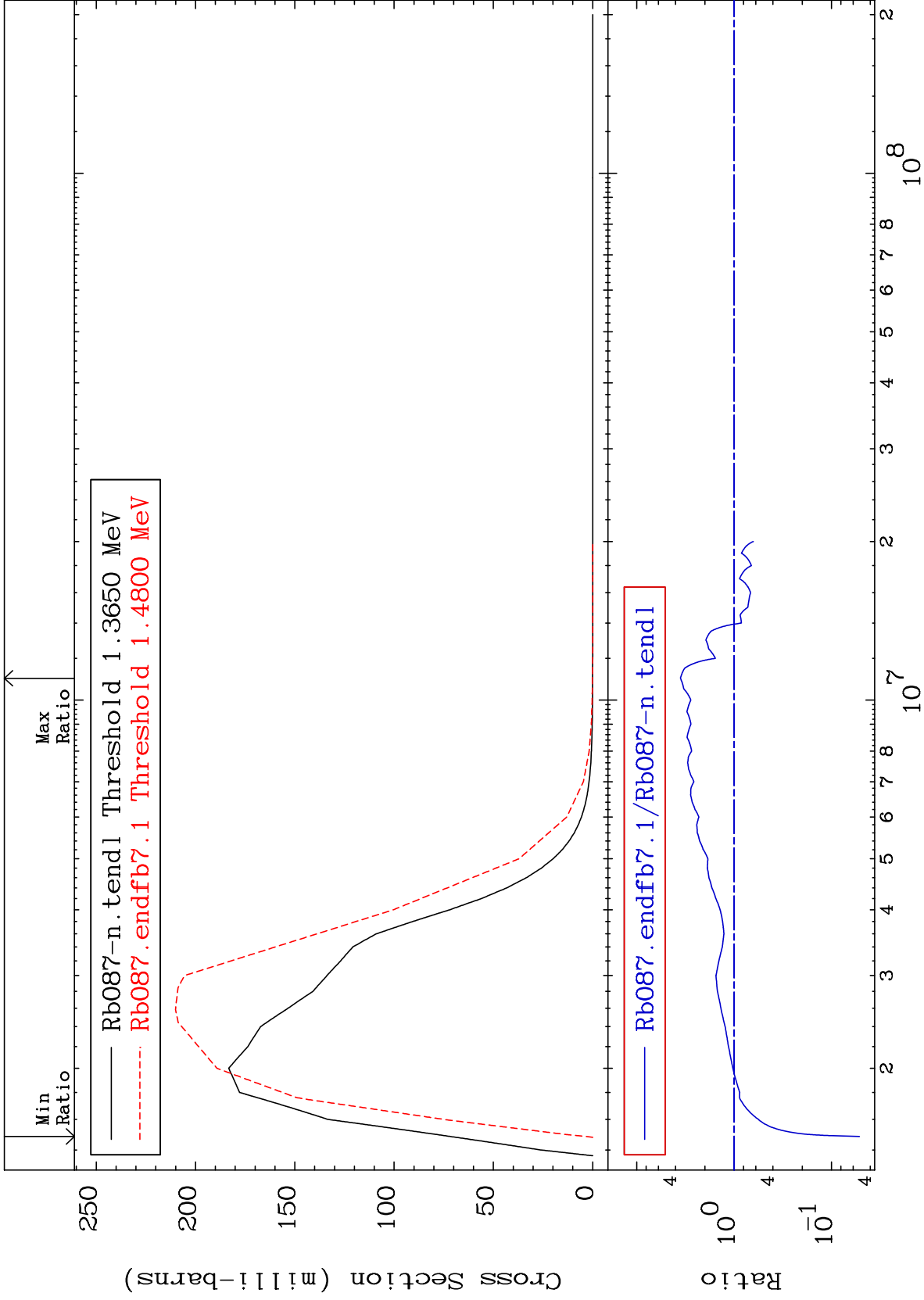
37-Rb-87
-67.04 To 90.12 %



10

Incident Energy (eV)

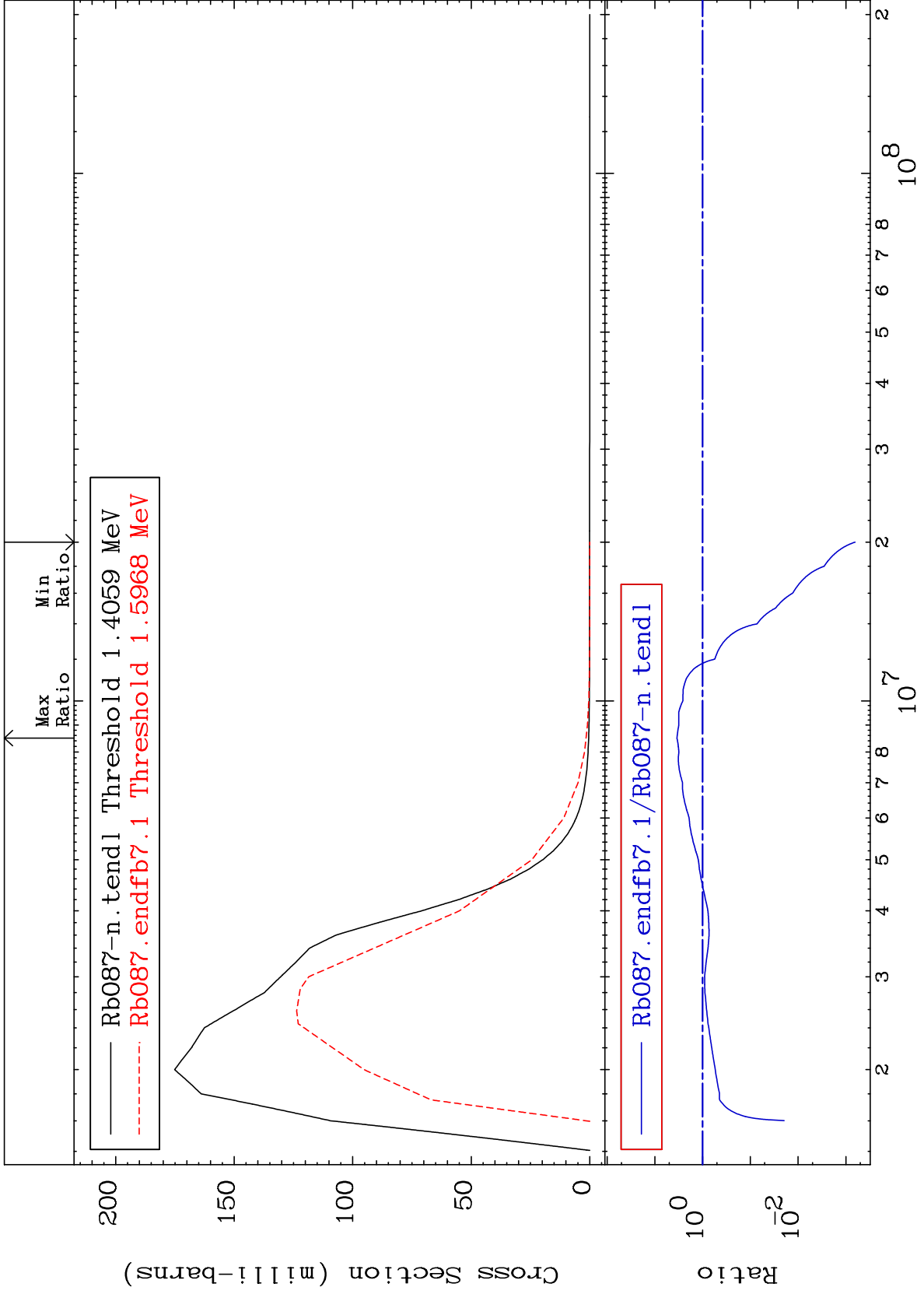
37-Rb-87



MAT 3731

1.390 MeV (n,n') Level
Cross Section

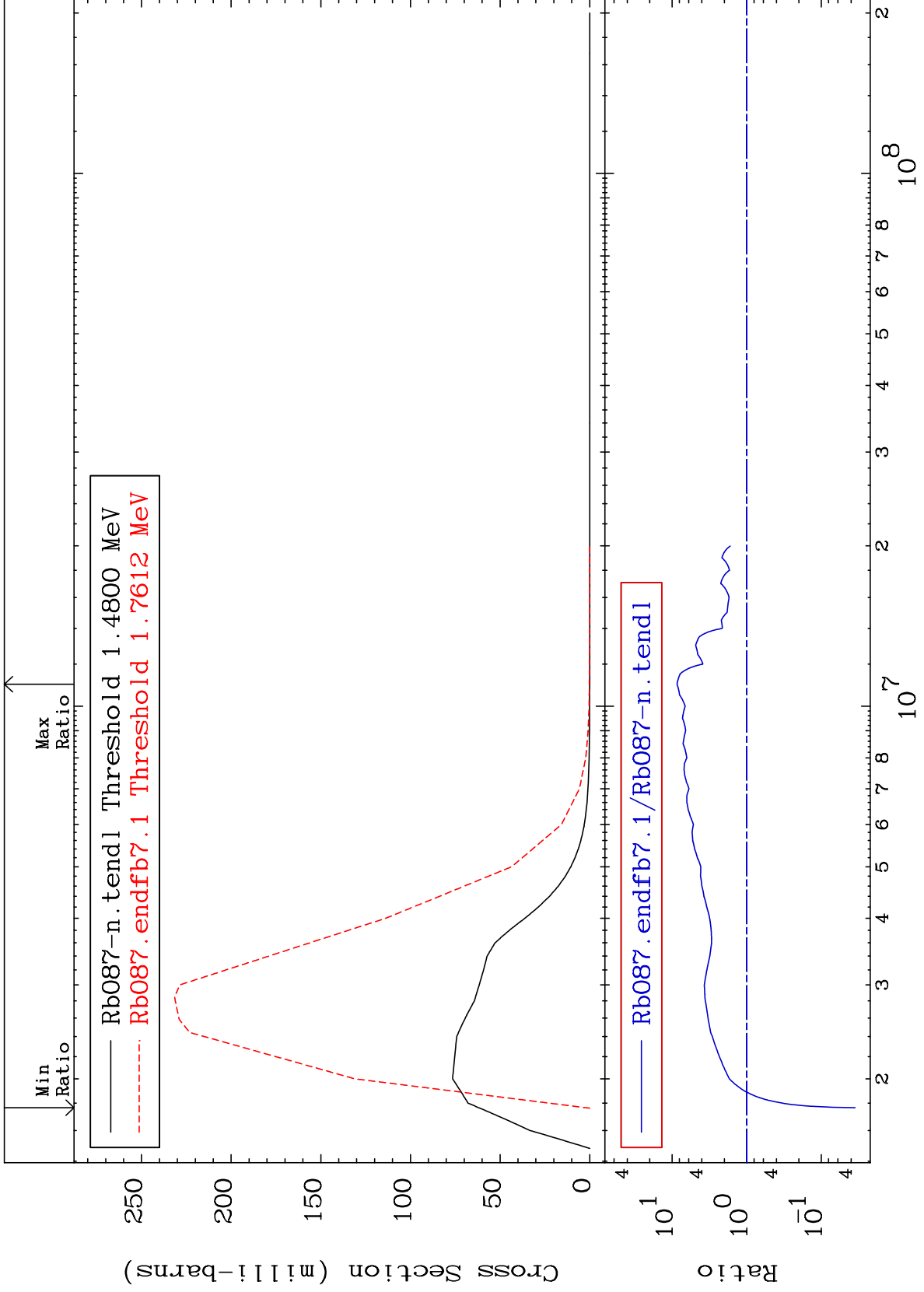
37-Rb-87
-99.94 To 244.9 %



MAT 3731

1.463 MeV (n,n') Level
Cross Section

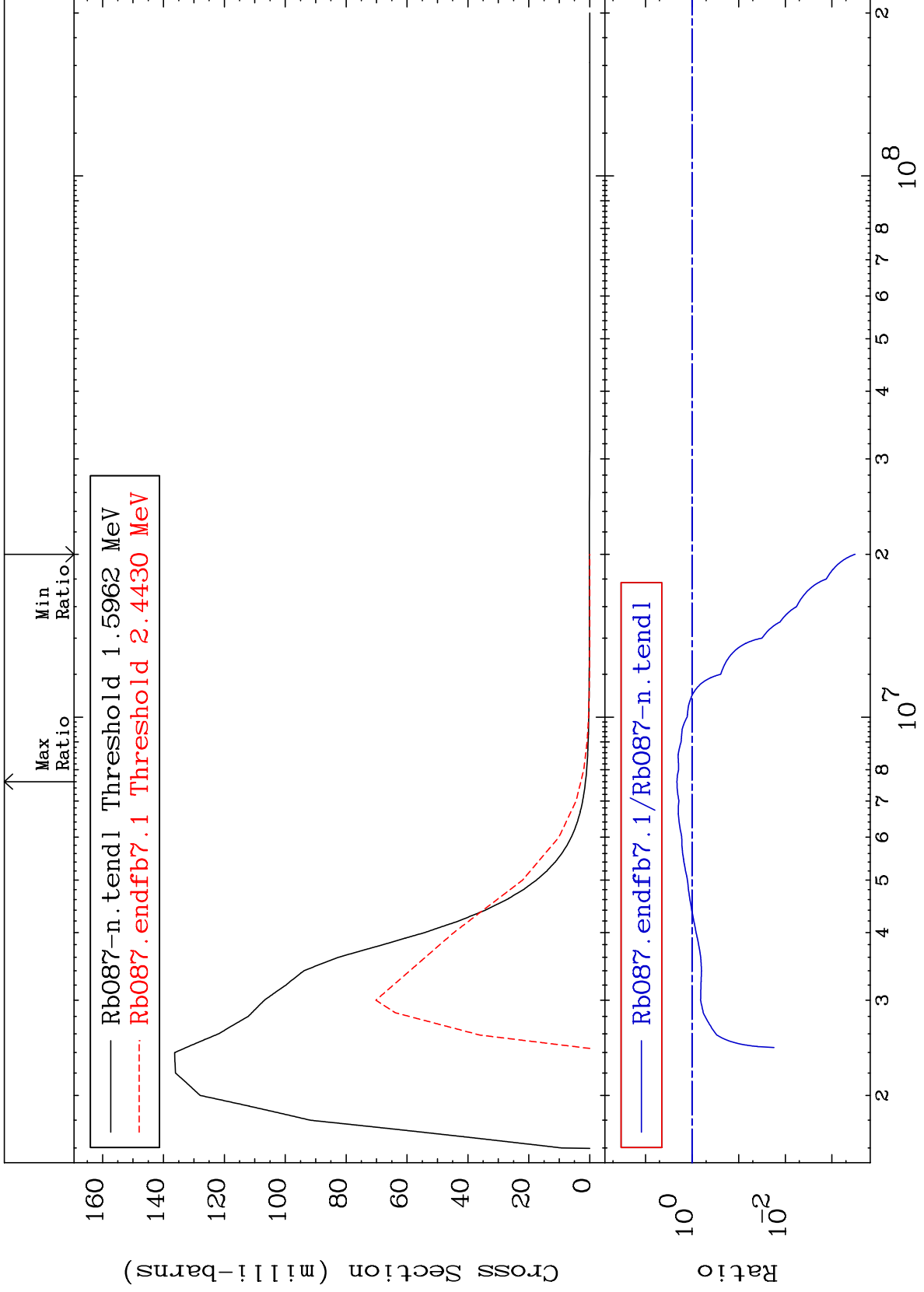
37-Rb-87
-96.47 To 763.1 %

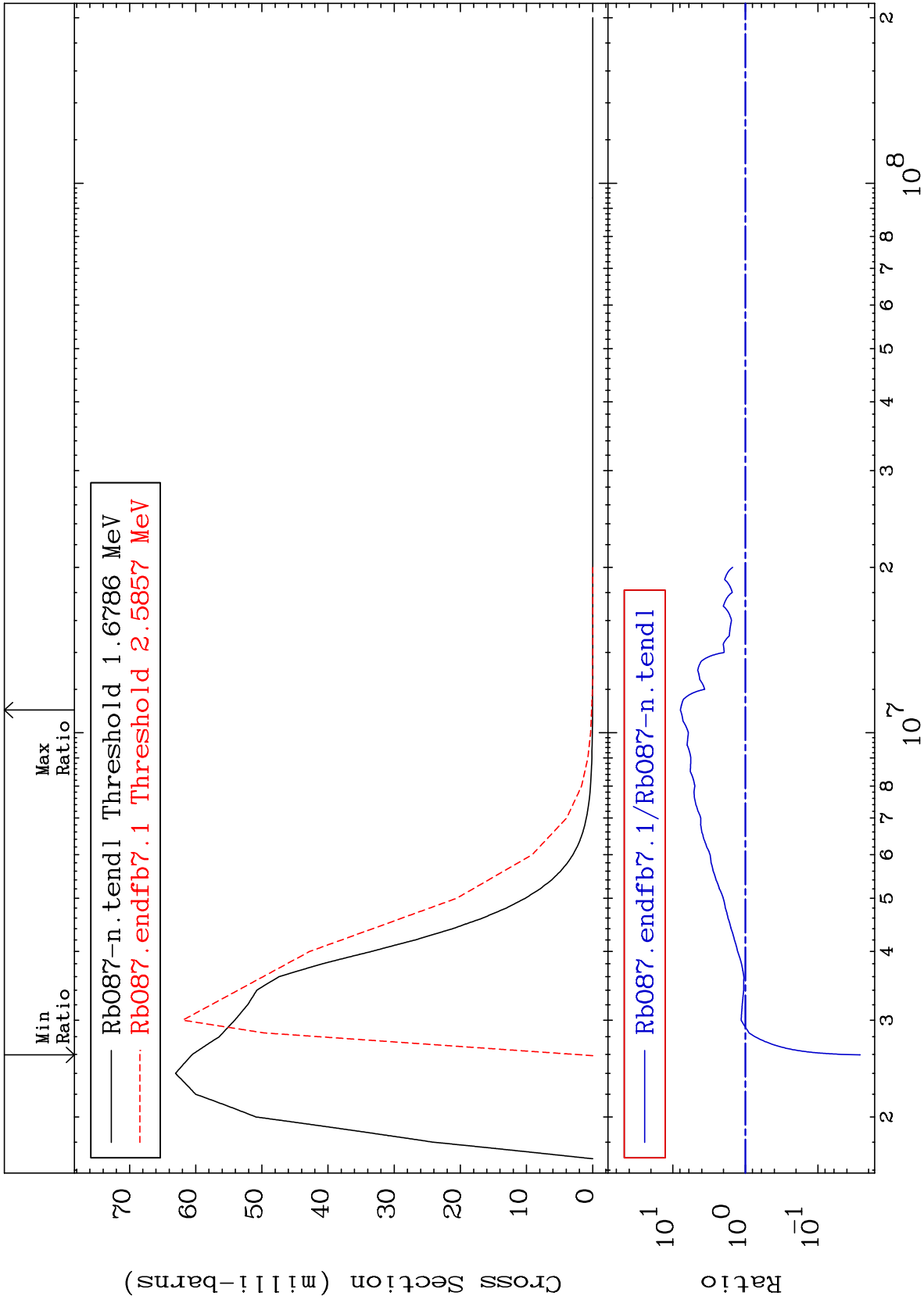


MAT 3731

1.578 MeV (n,n') Level
Cross Section

37-Rb-87
-99.97 To 111.8 %

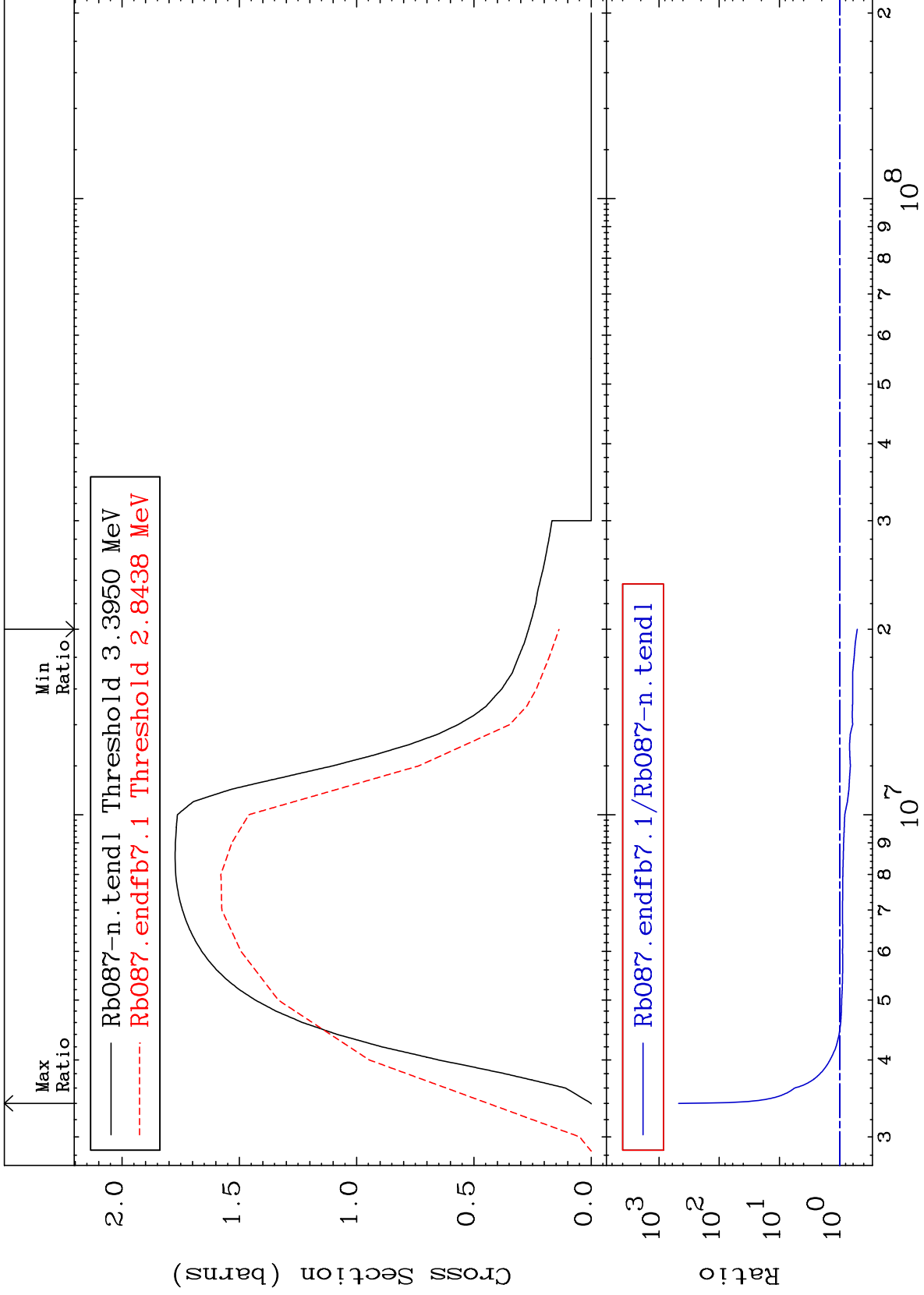




MAT 3731

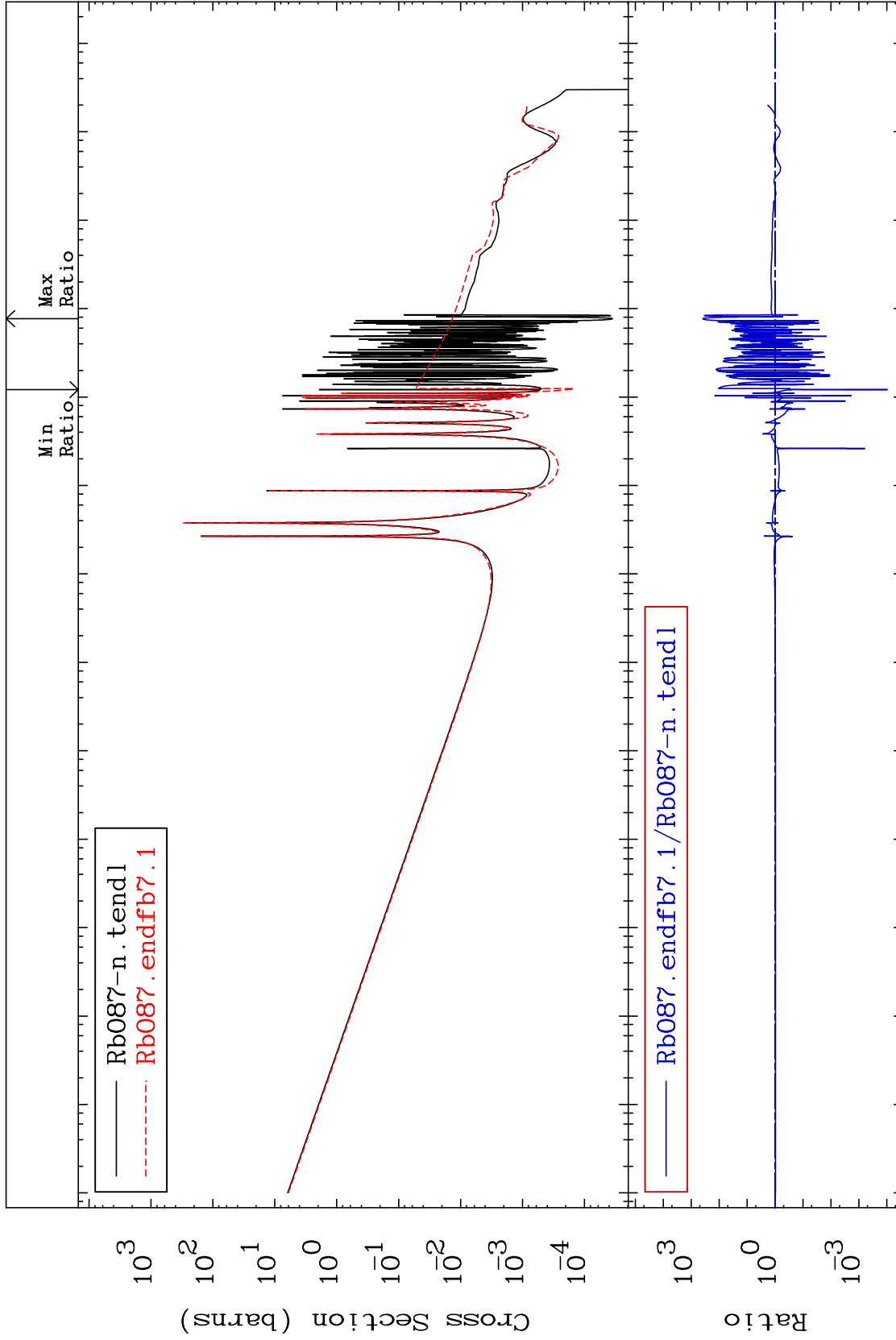
(n, n') Continuum
Cross Section

³⁷Rb-87
-48.68 To 9999. %



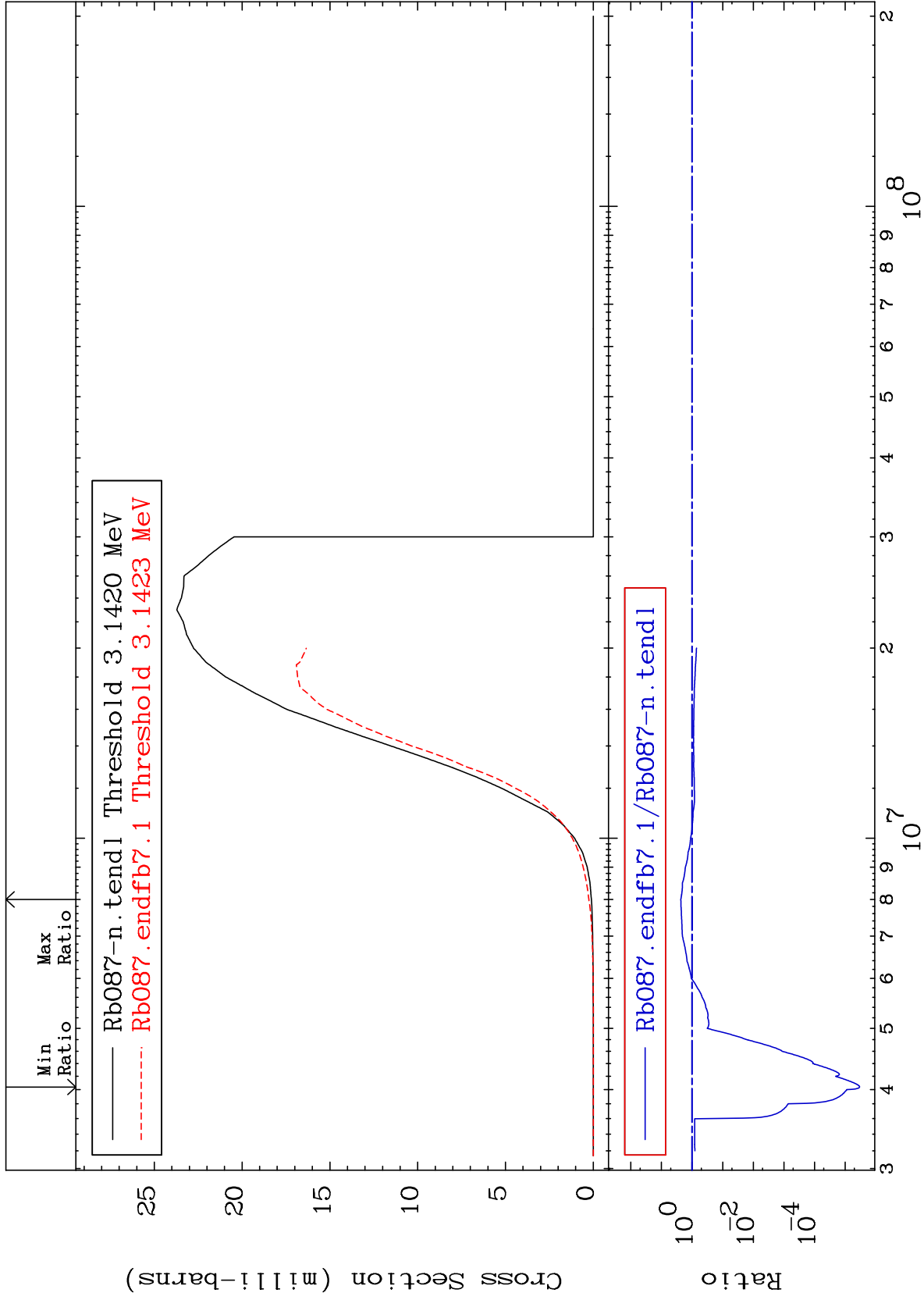
Cross Section

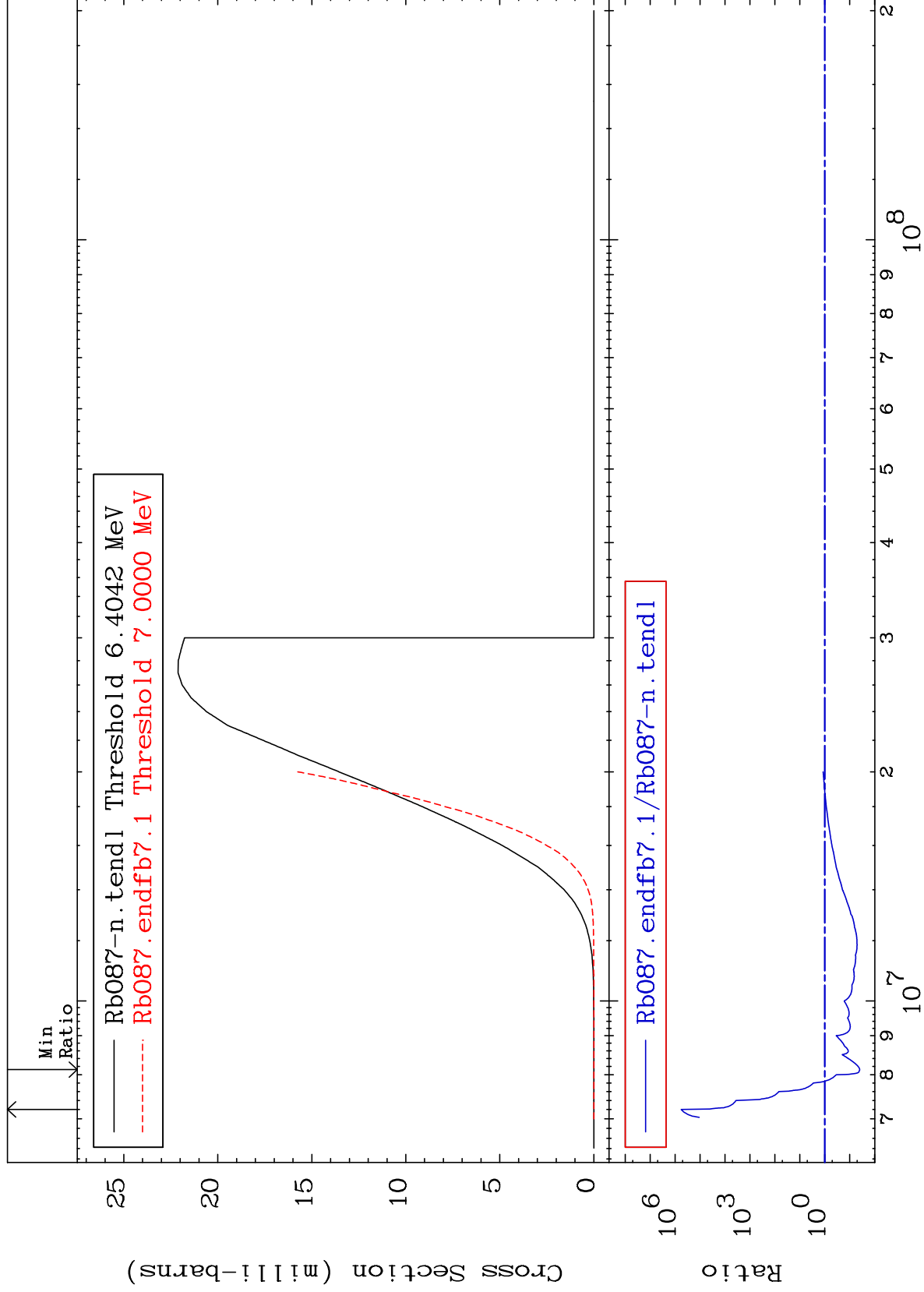
-99.99 To 9999. %



Cross Section

-100.0 To 133.9 %

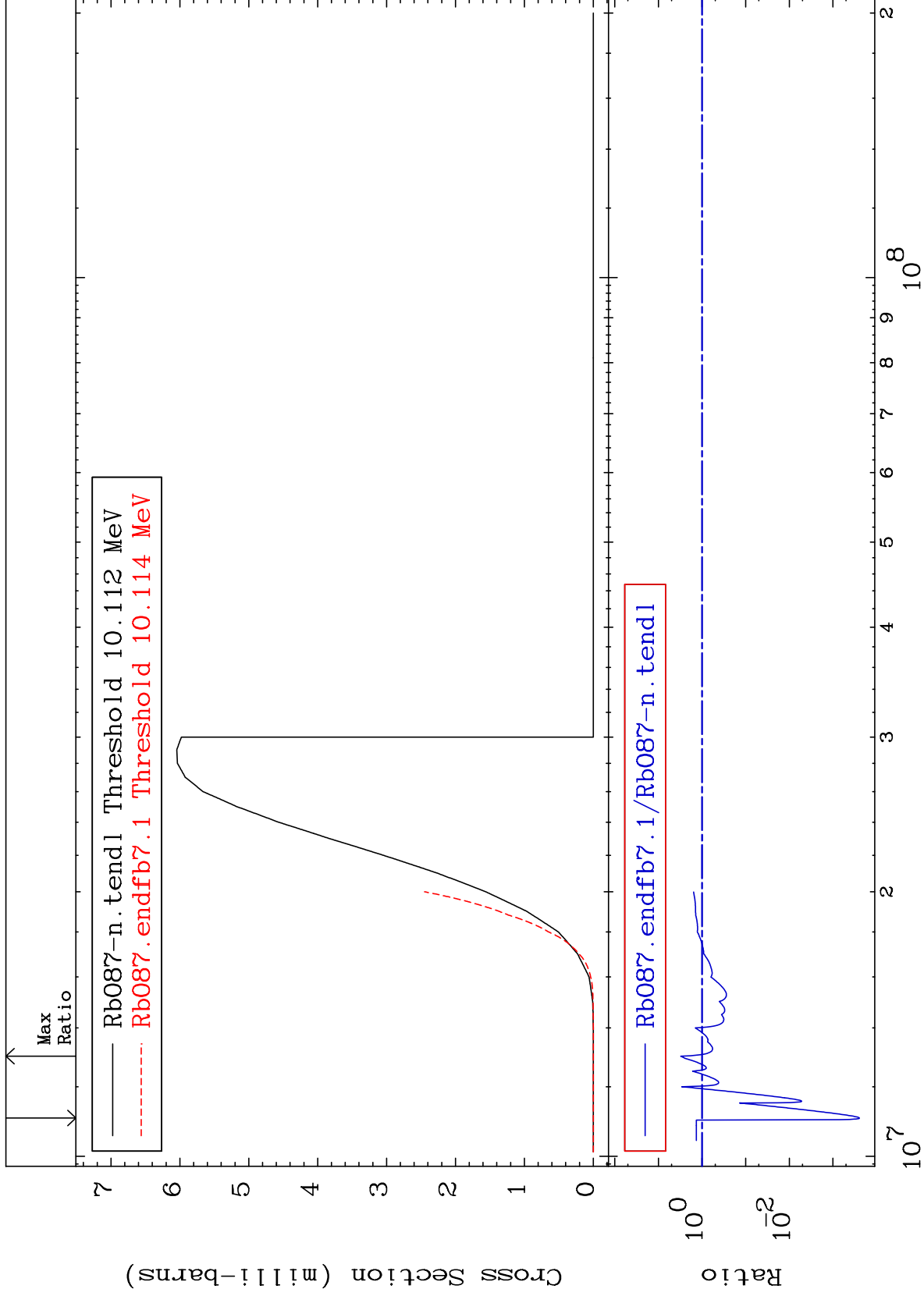




MAT 3731

(n, t)
Cross Section

³⁷Rb-87
-99.98 To 207.6 %

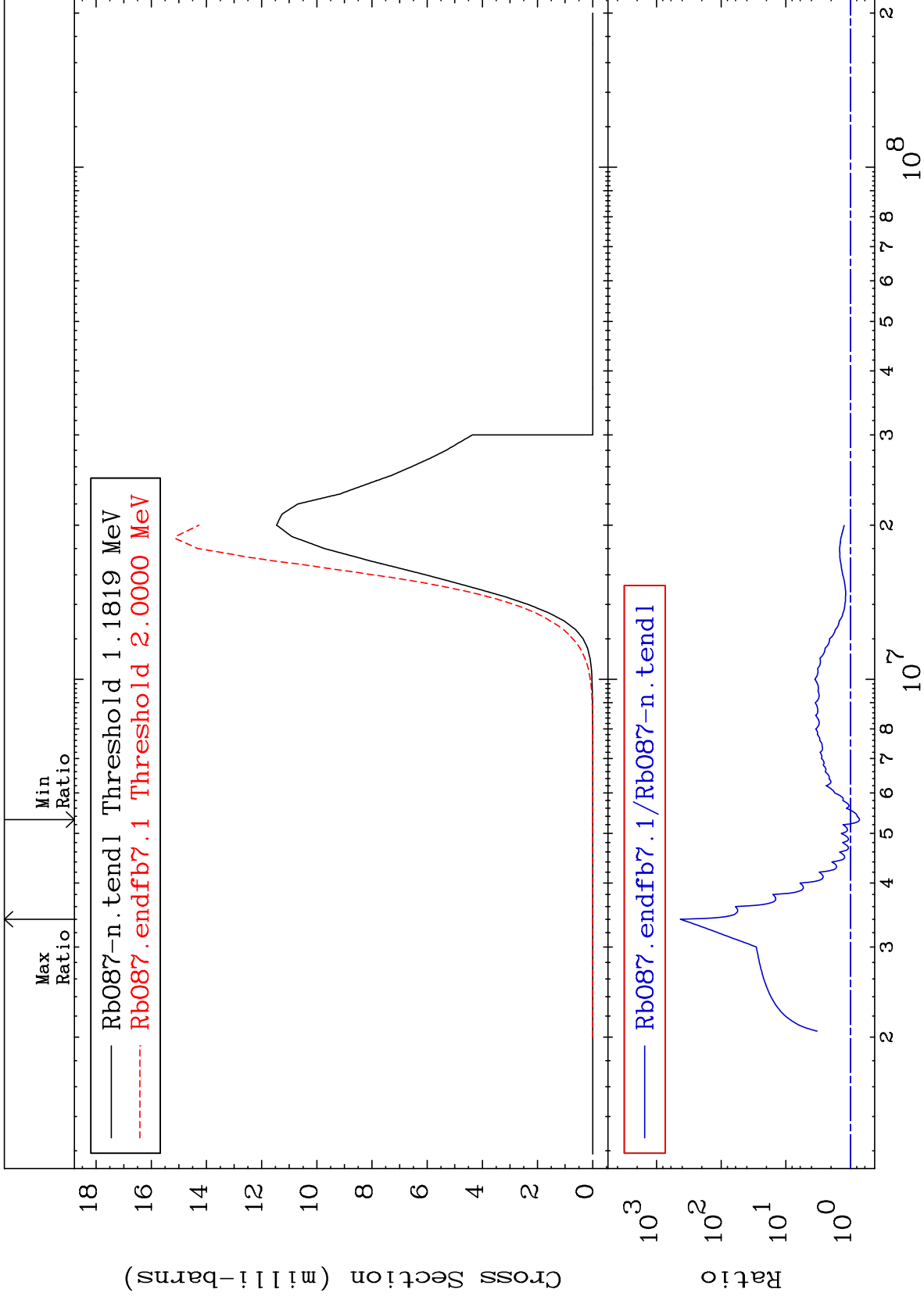


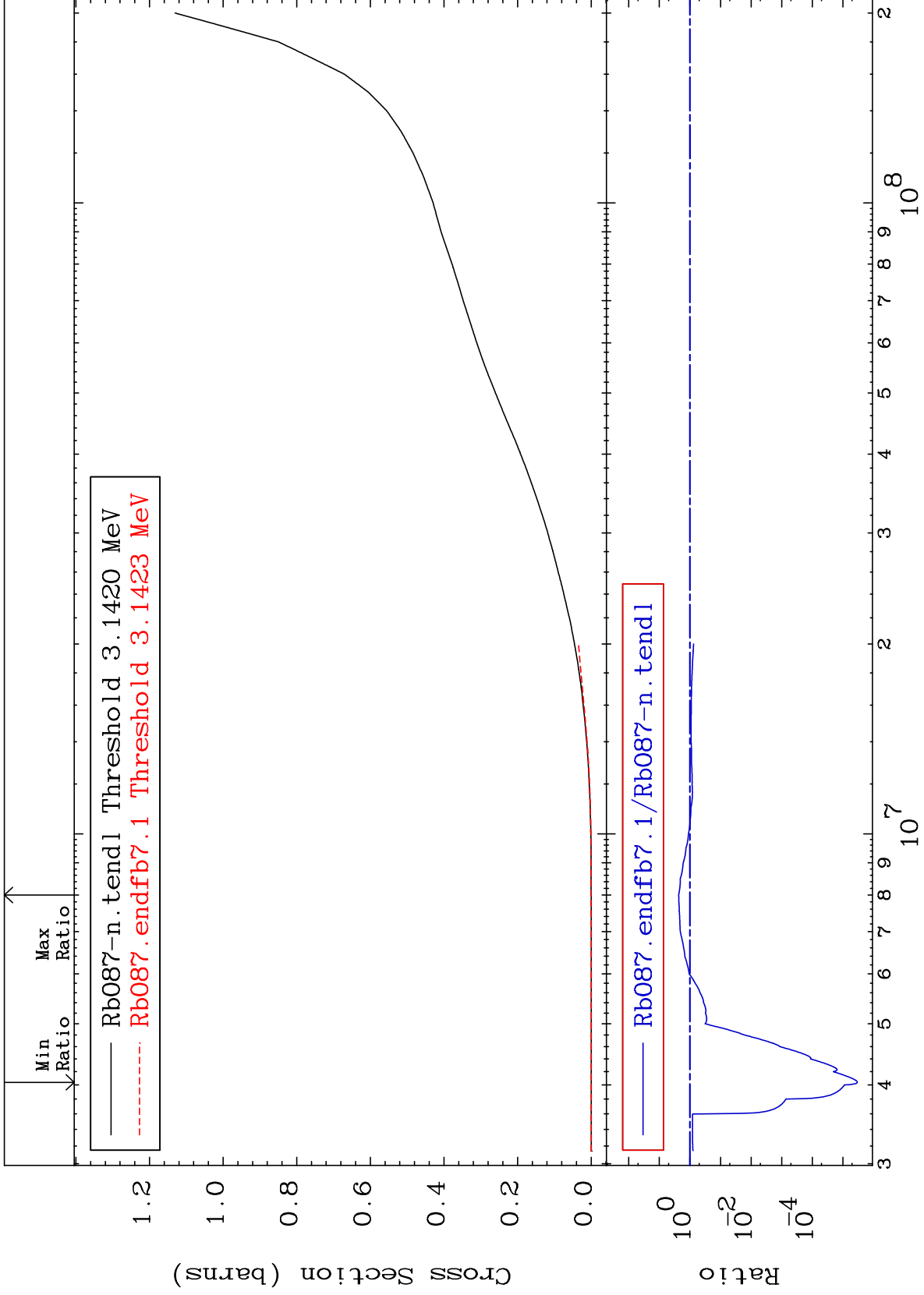
Incident Energy (eV)

³⁷Rb-87

Cross Section

-27.42 To 9999. %

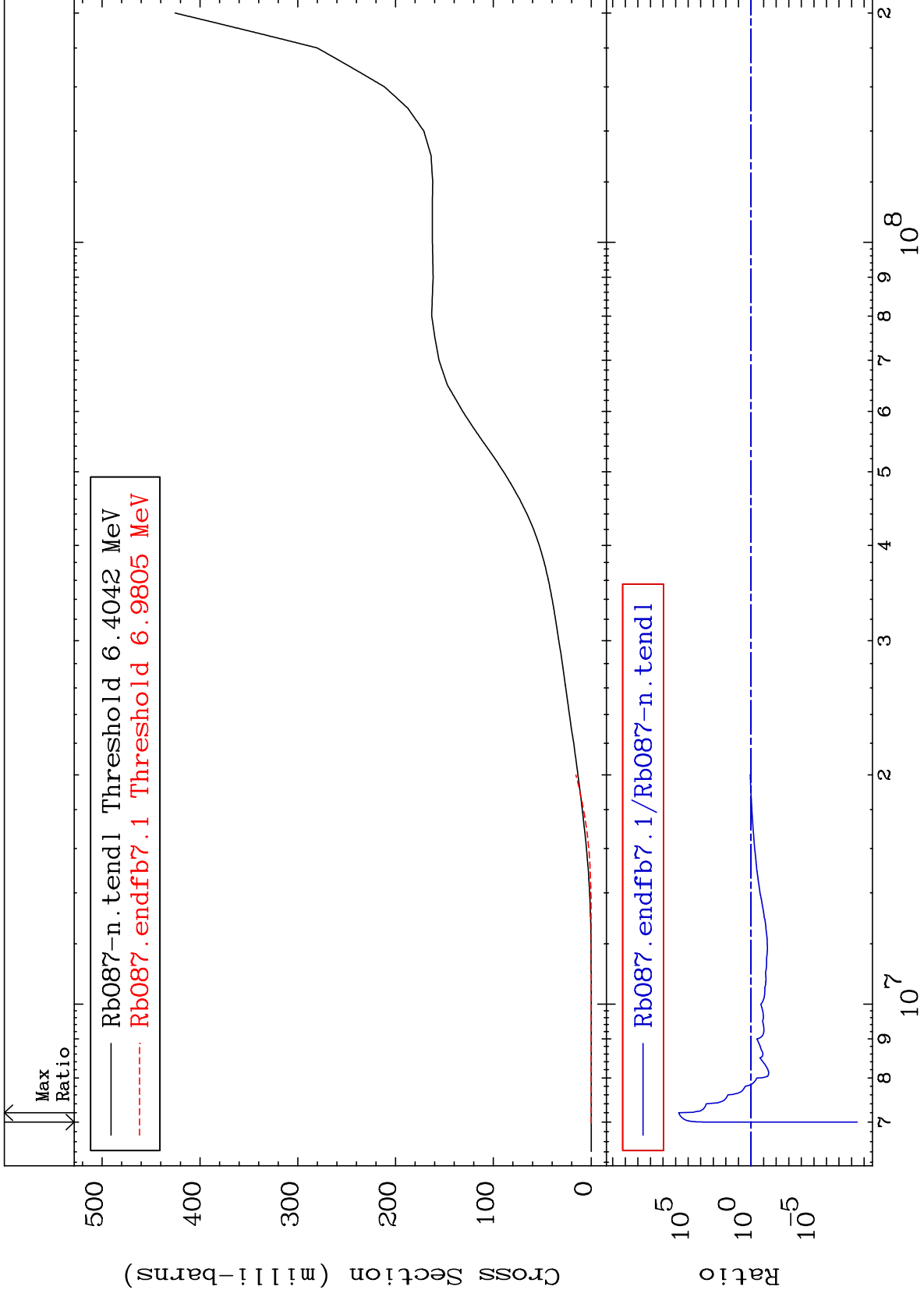




MAT 3731

Deuterium Production
Cross Section

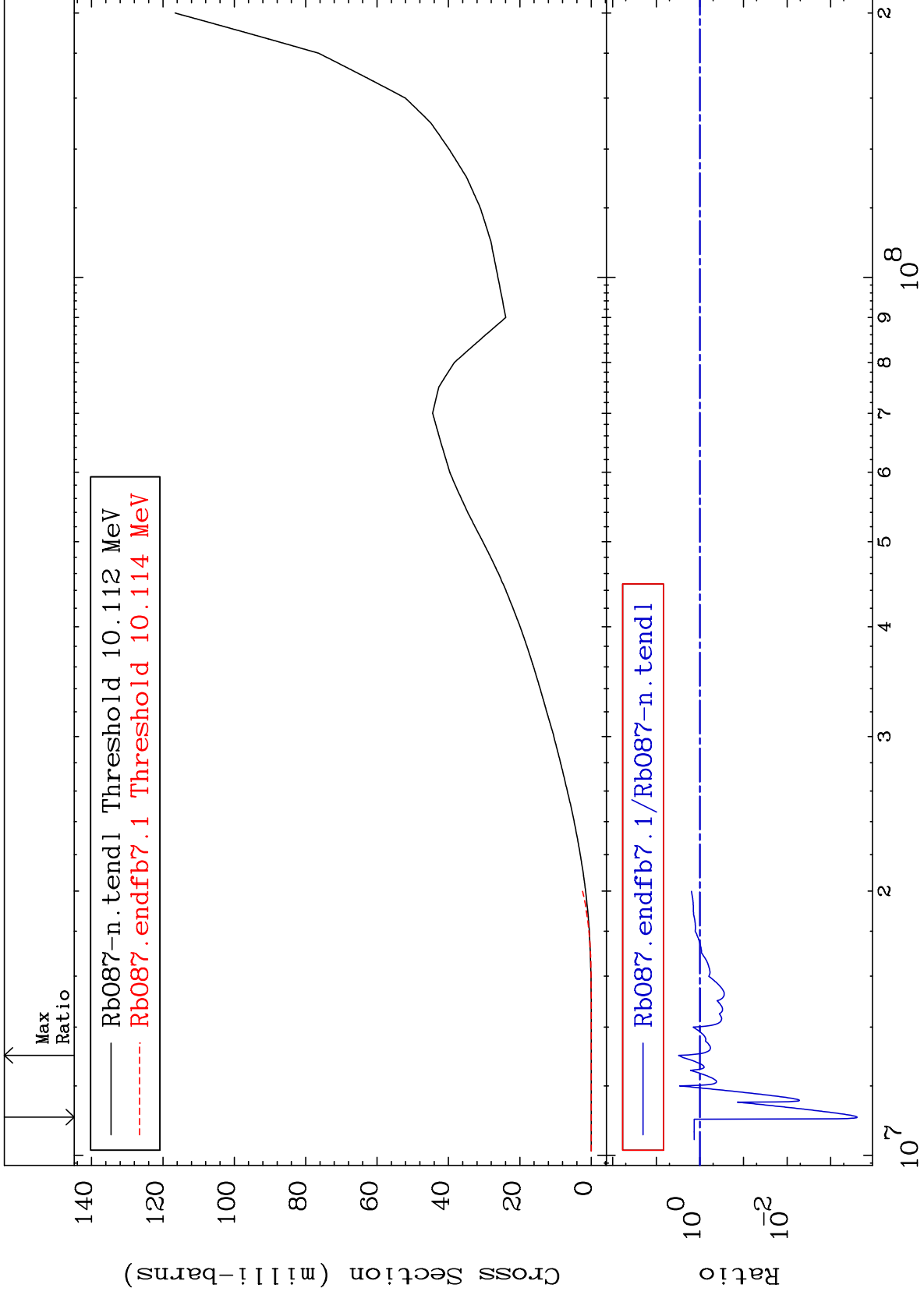
³⁷Rb-87
-100.0 To 9999. %



MAT 3731

Tritium Production Cross Section

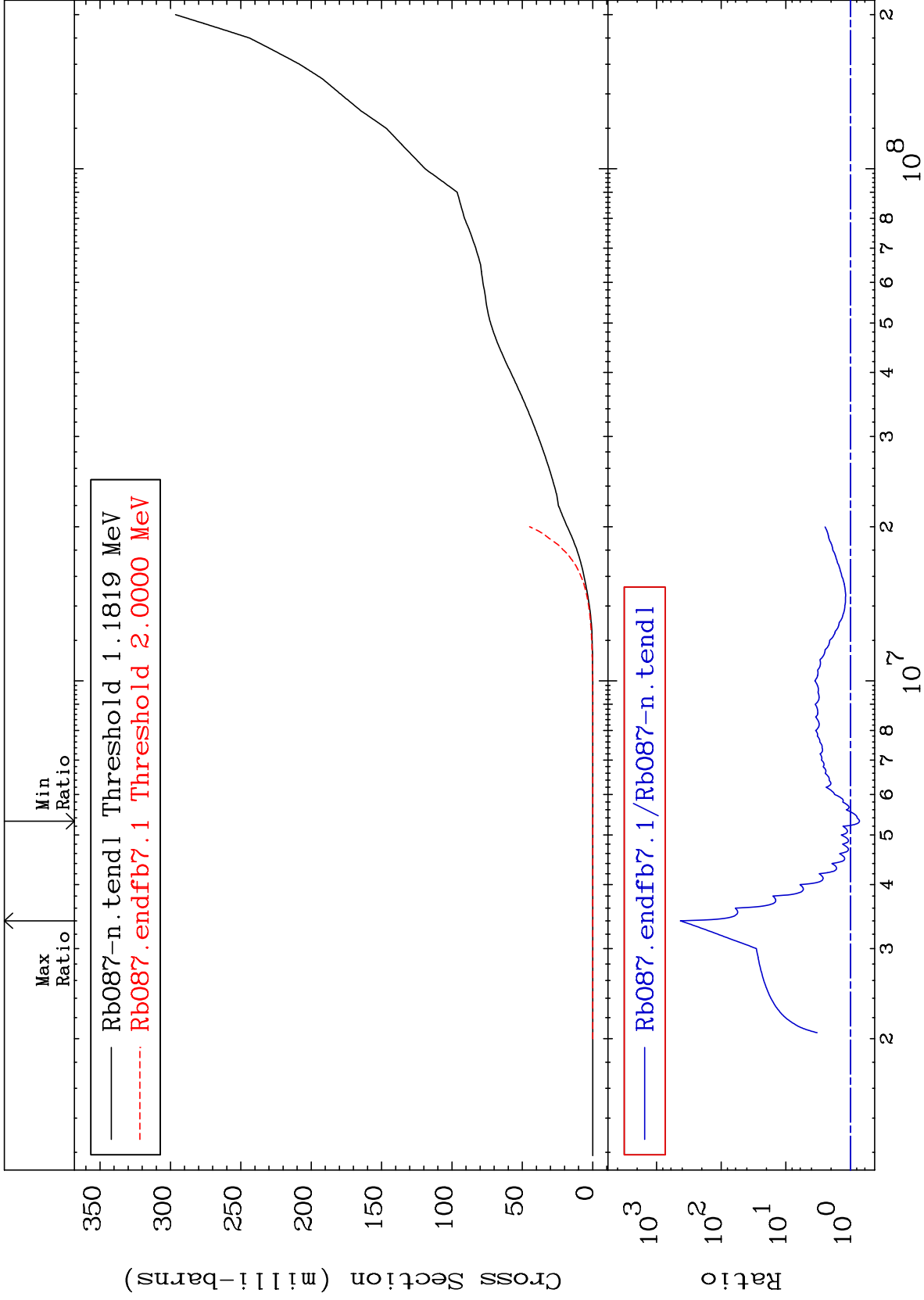
³⁷Rb-87
-99.98 To 207.6 %

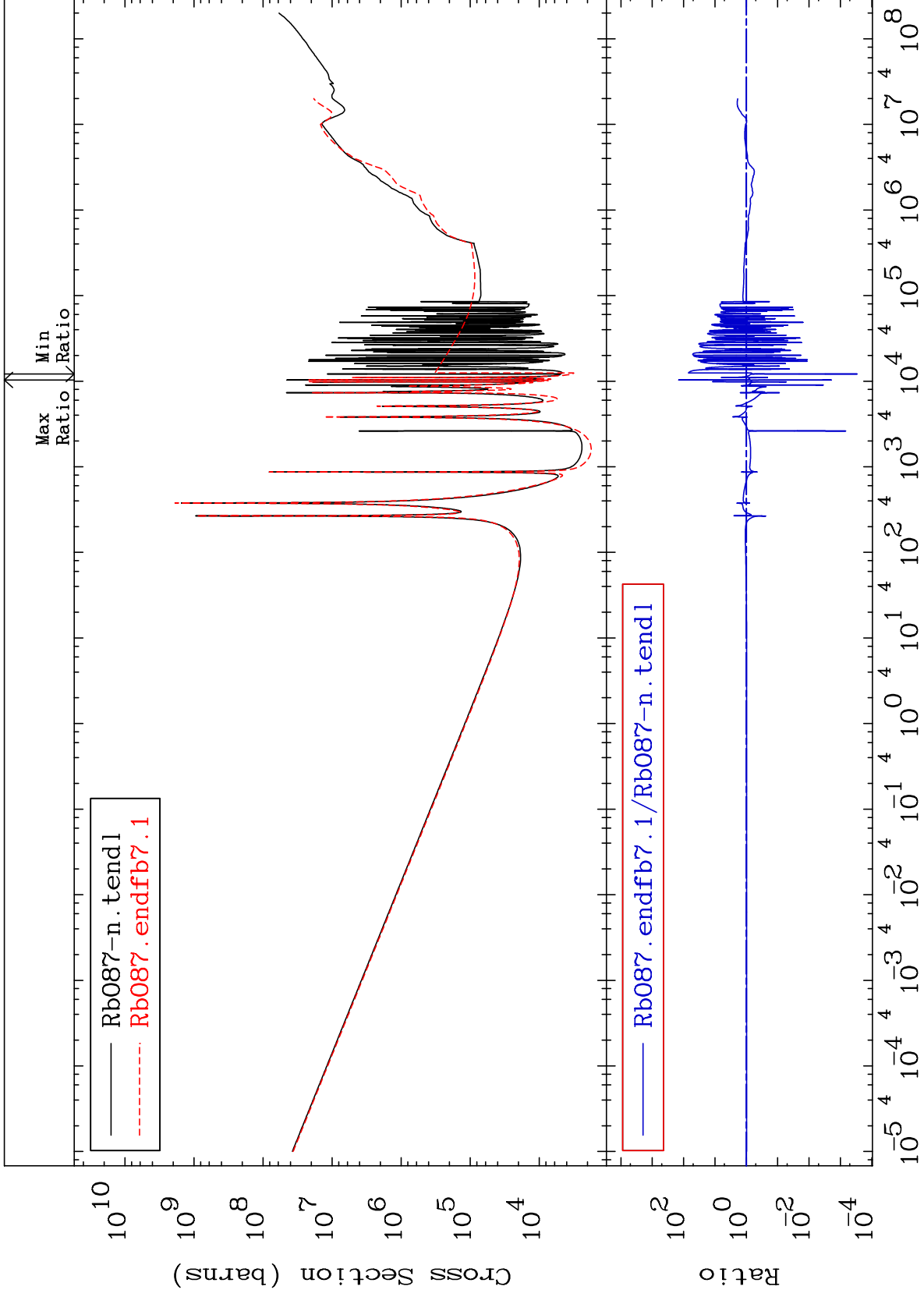


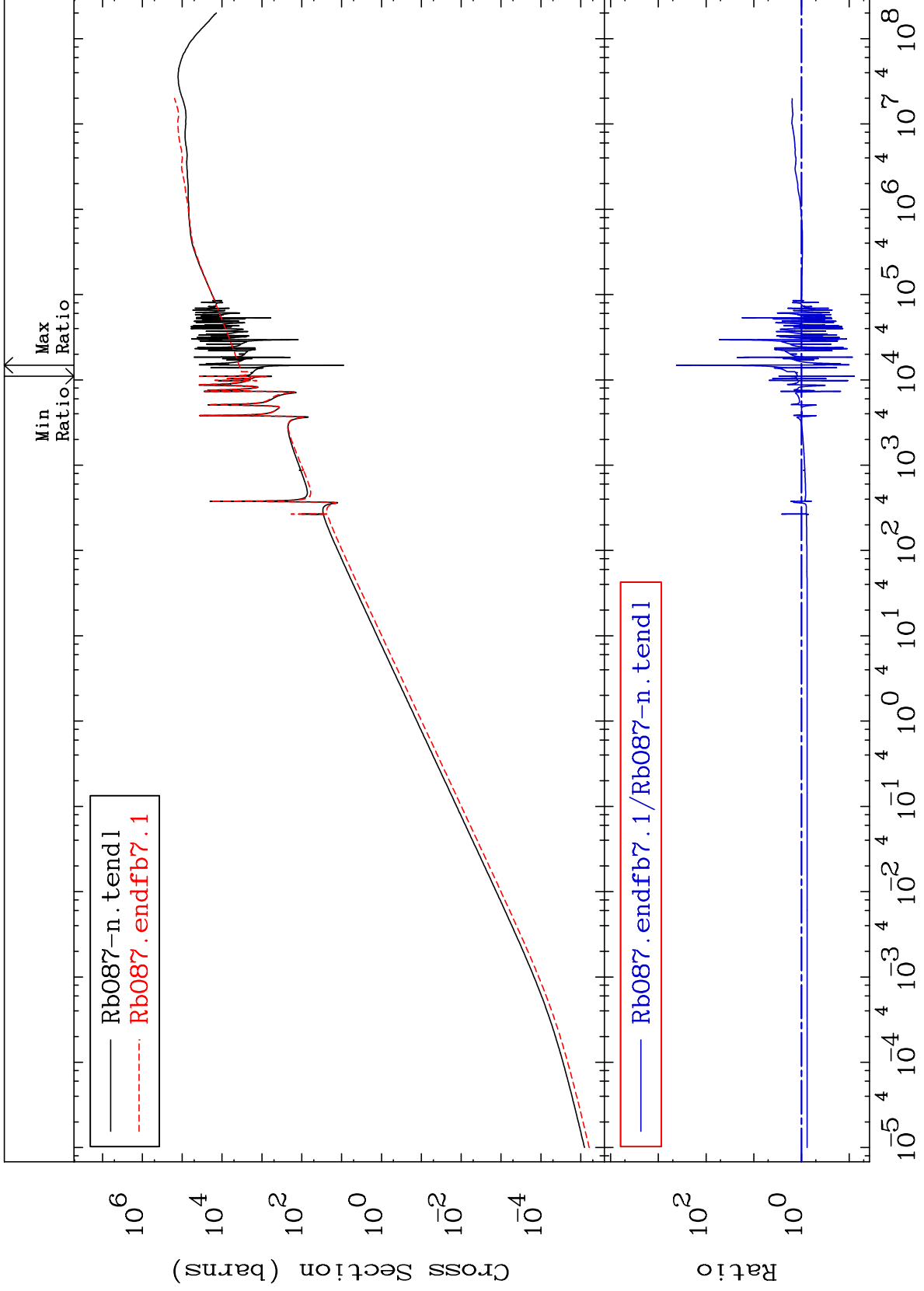
24

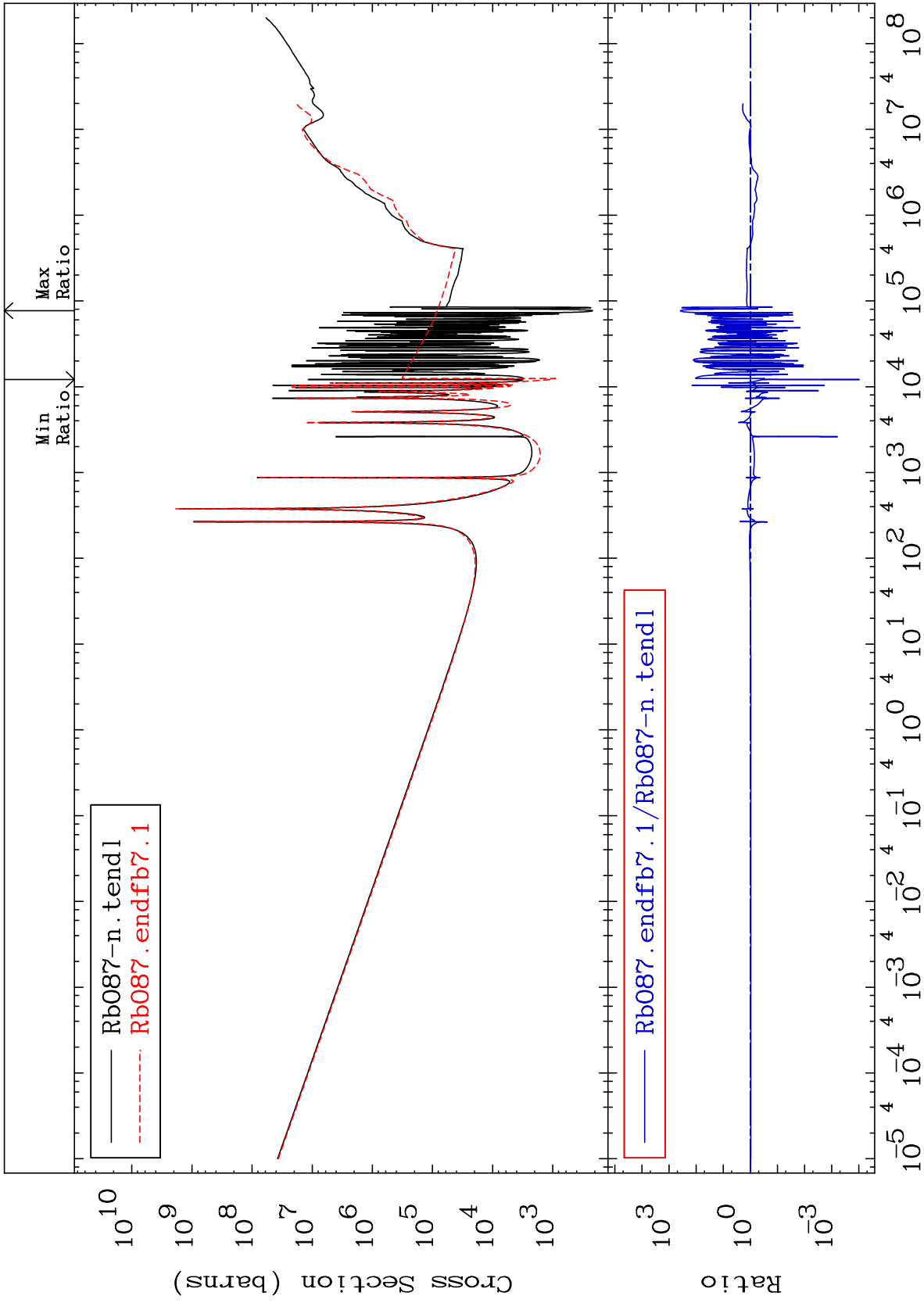
Incident Energy (eV)

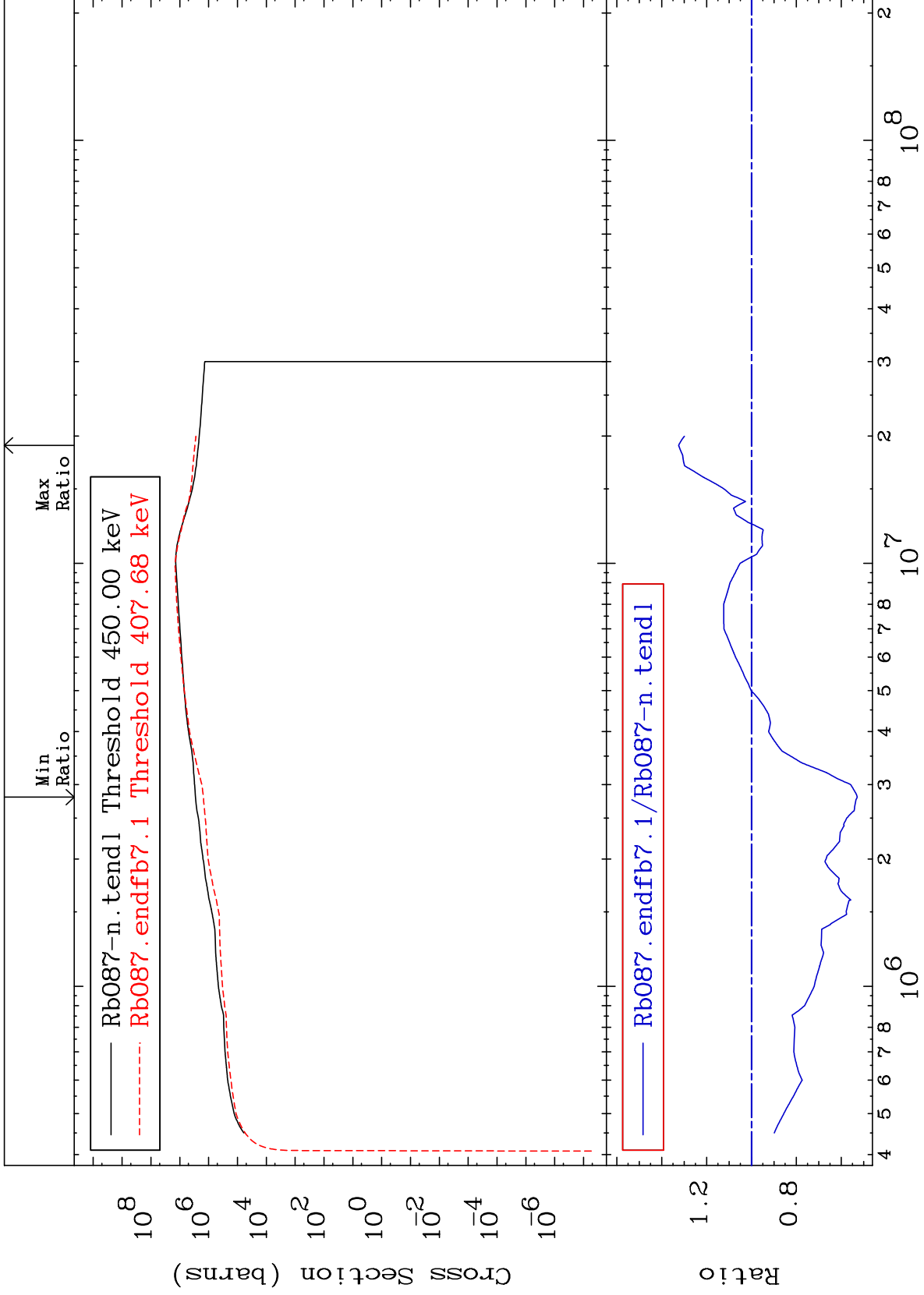
³⁷Rb-87







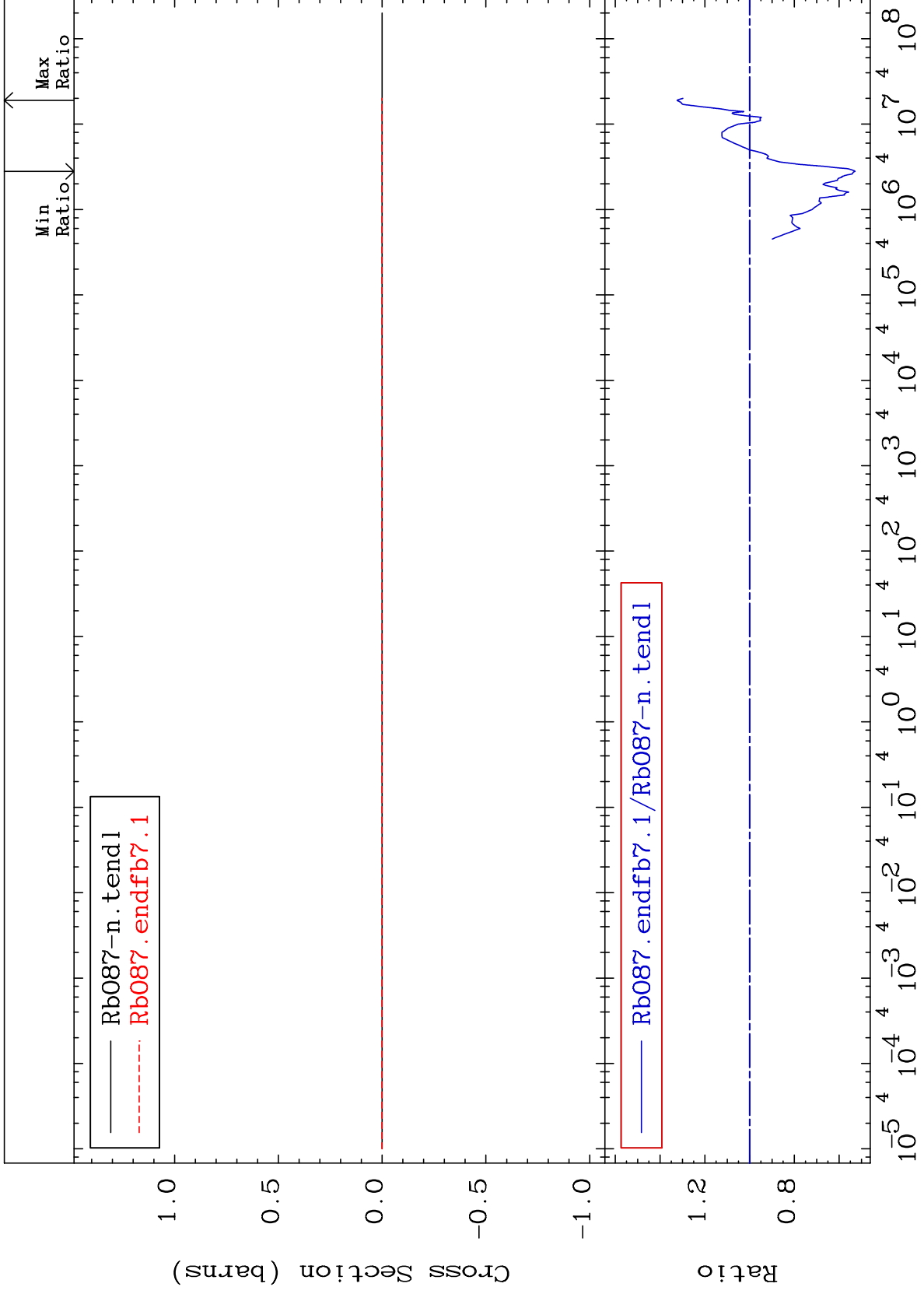


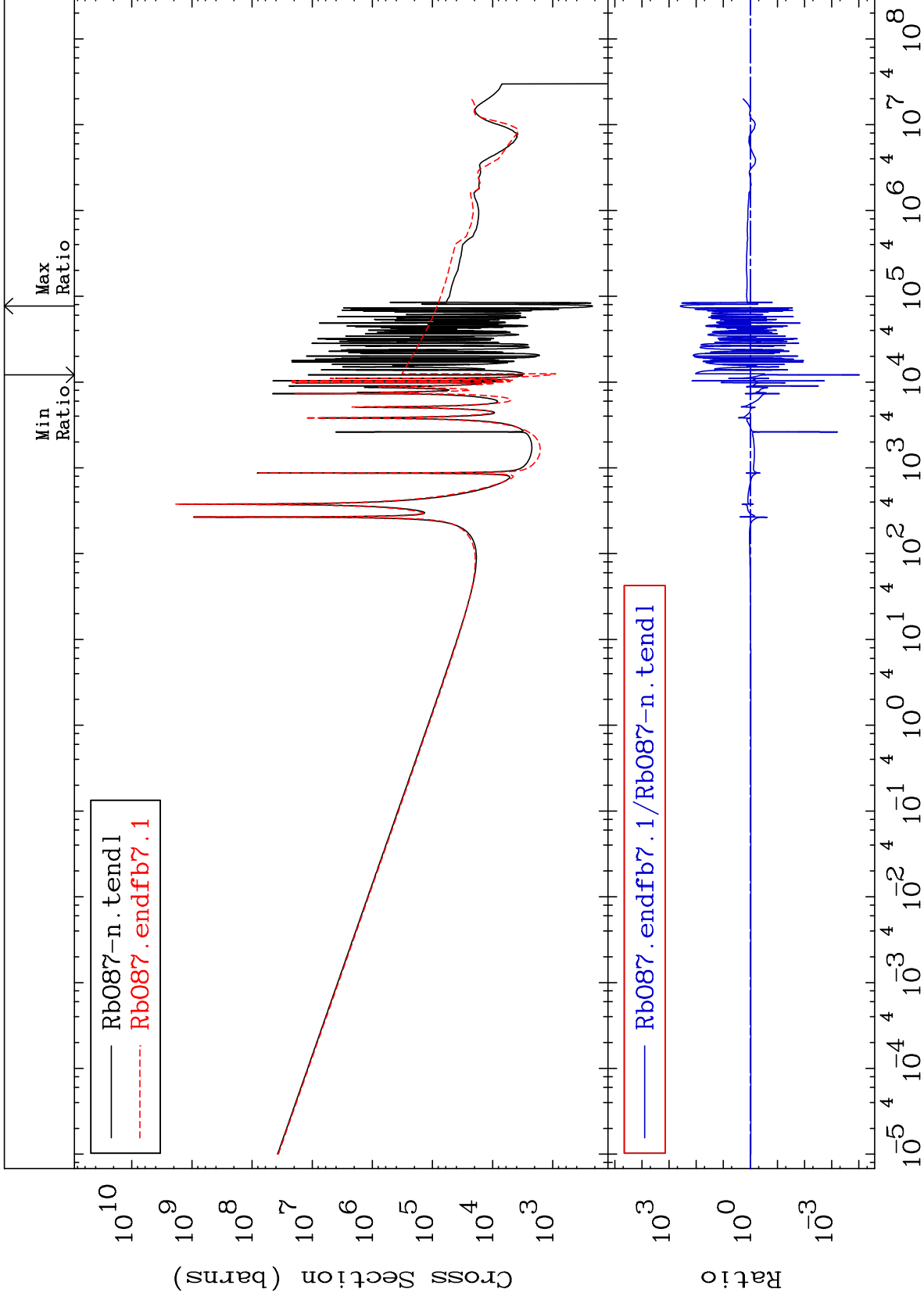


MAT 3731

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

37-Rb-87
-47.09 To 32.44 %

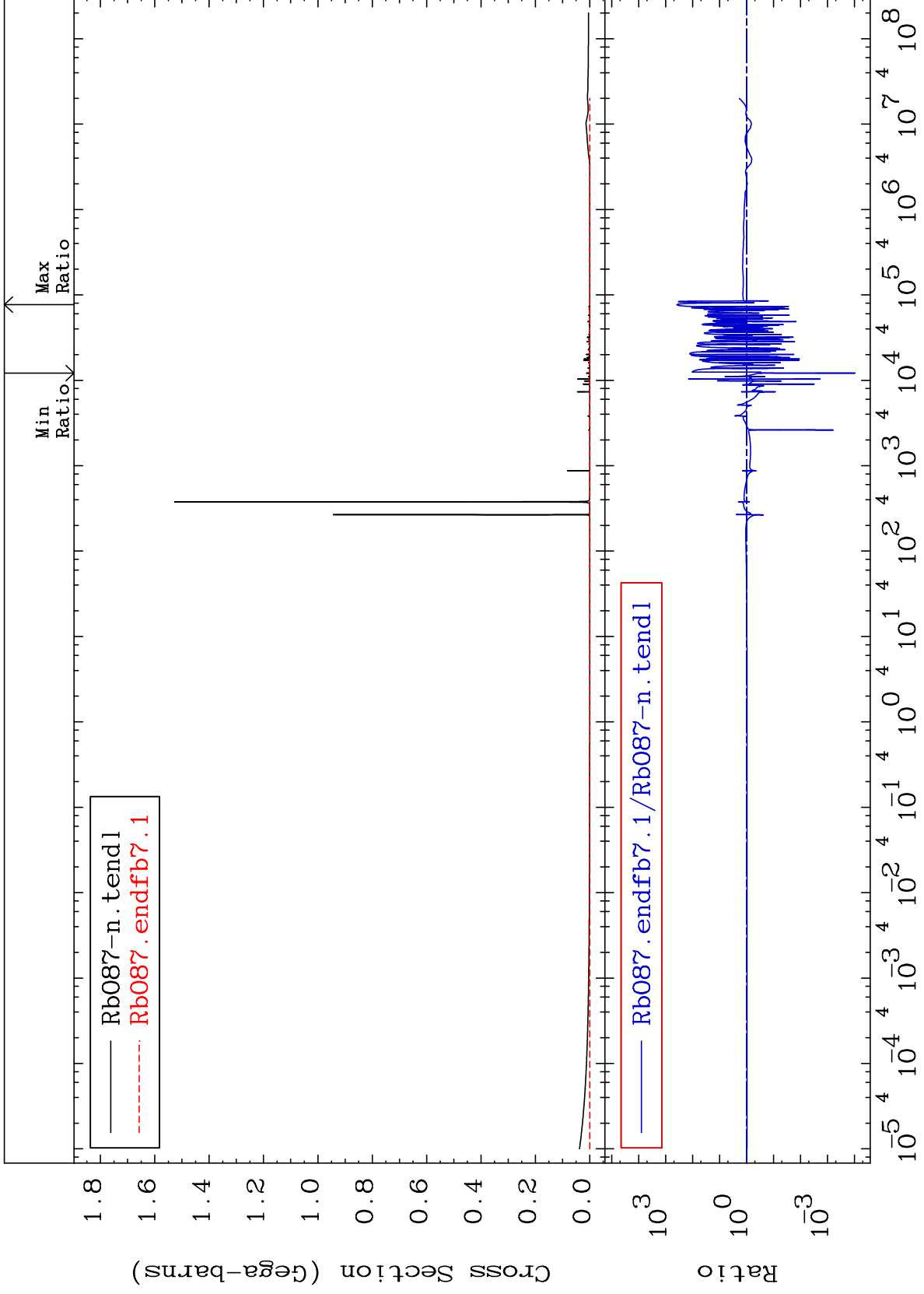


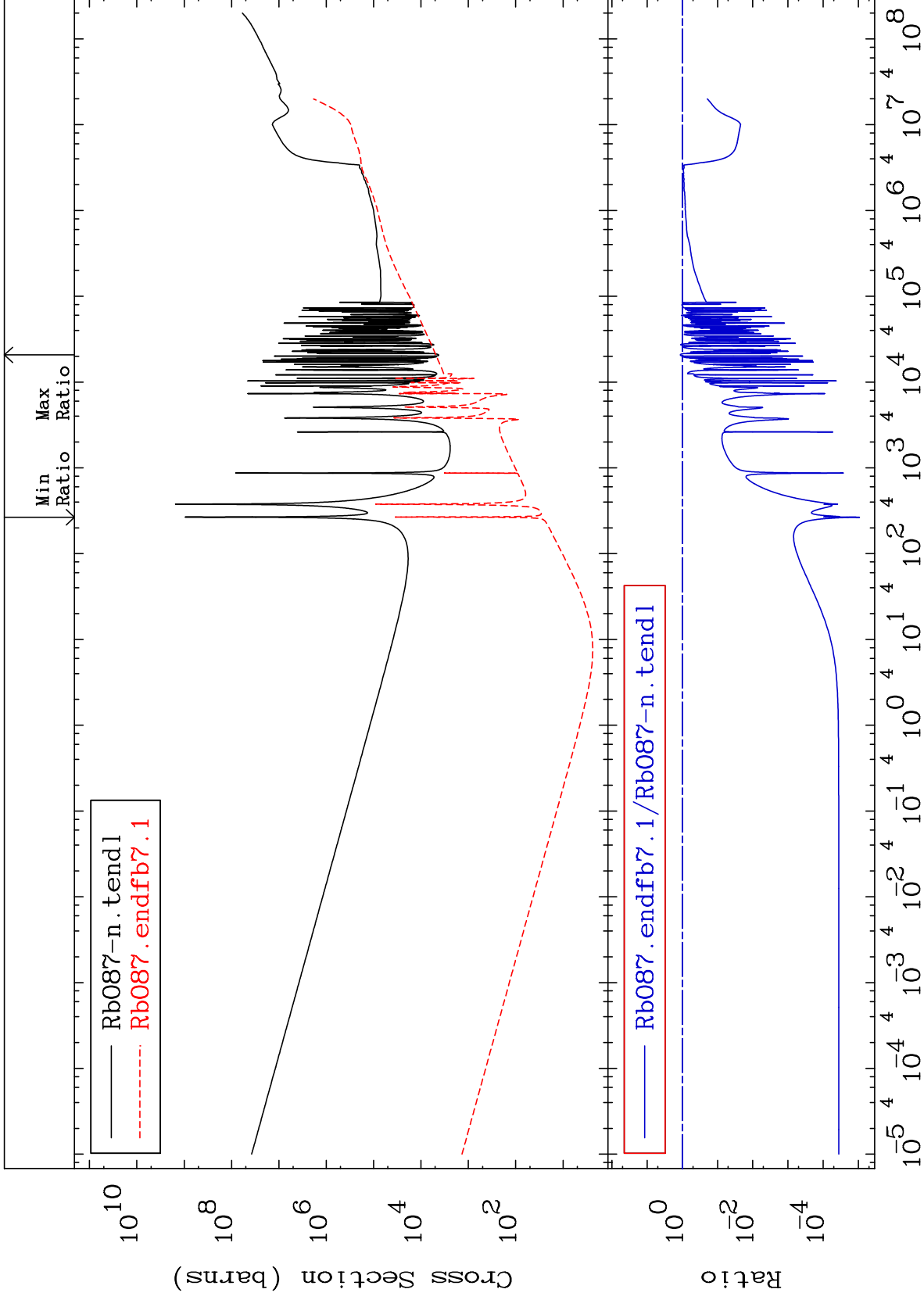


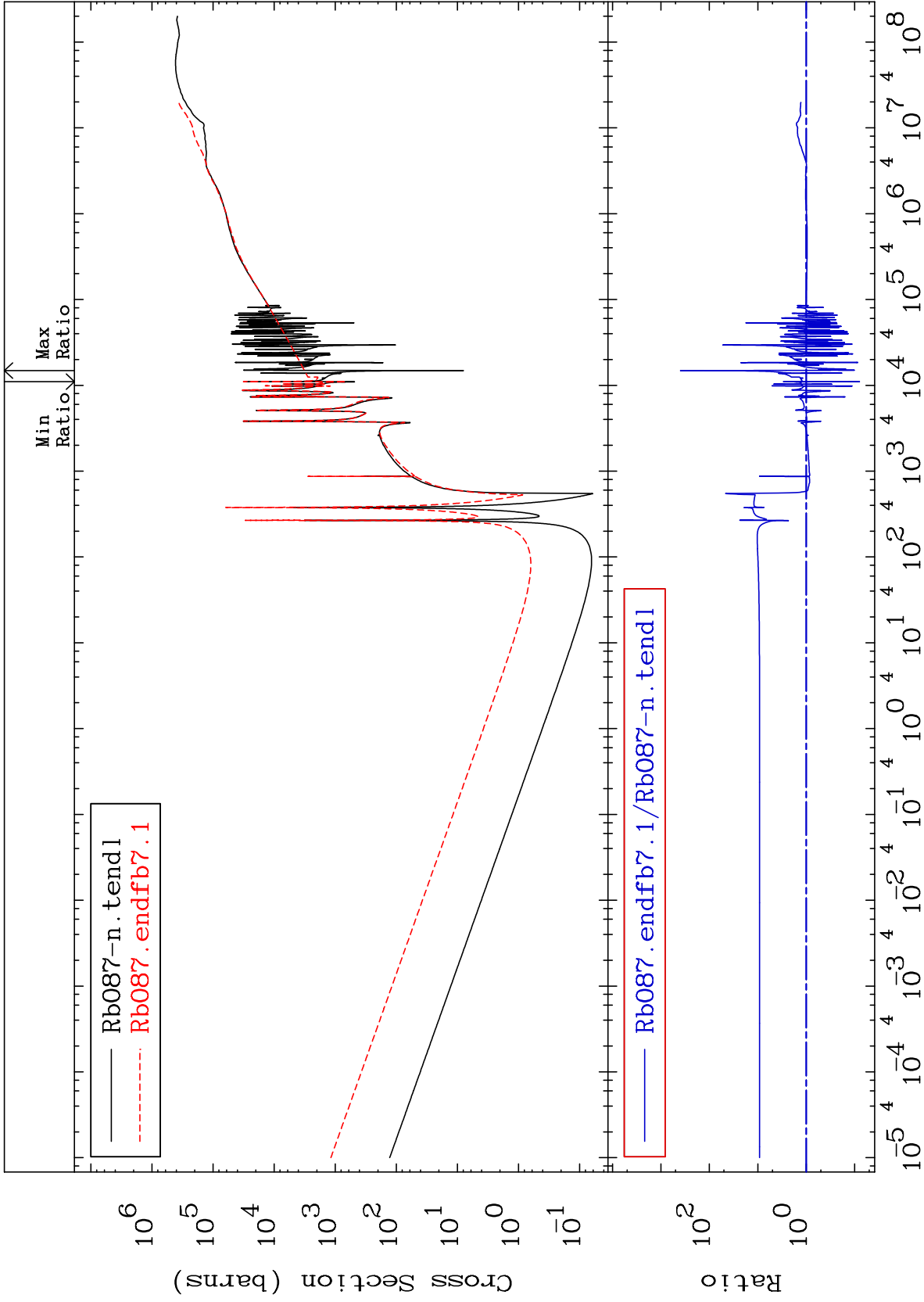
MAT 3731

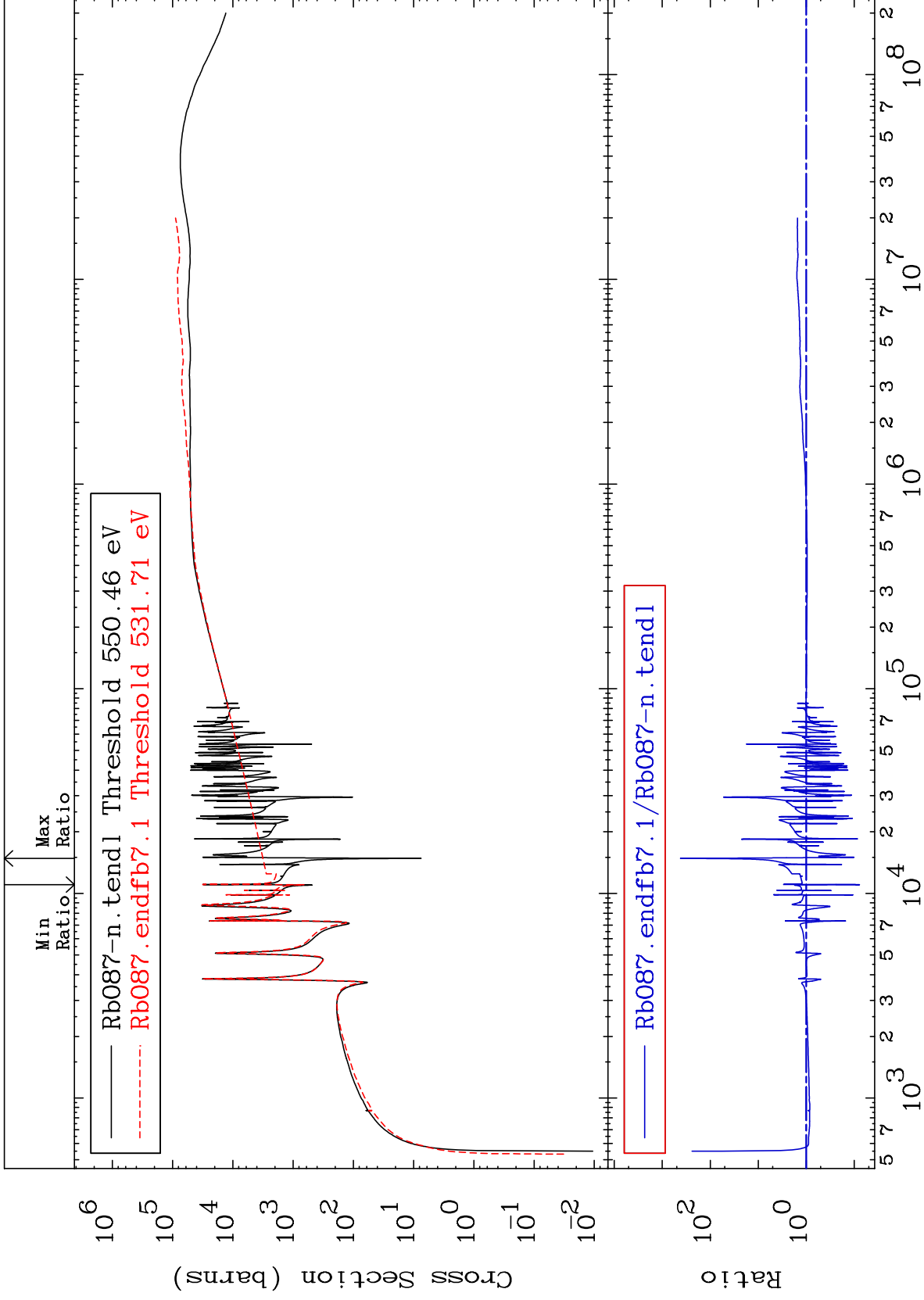
Total photon (eV-barns)
Cross Section

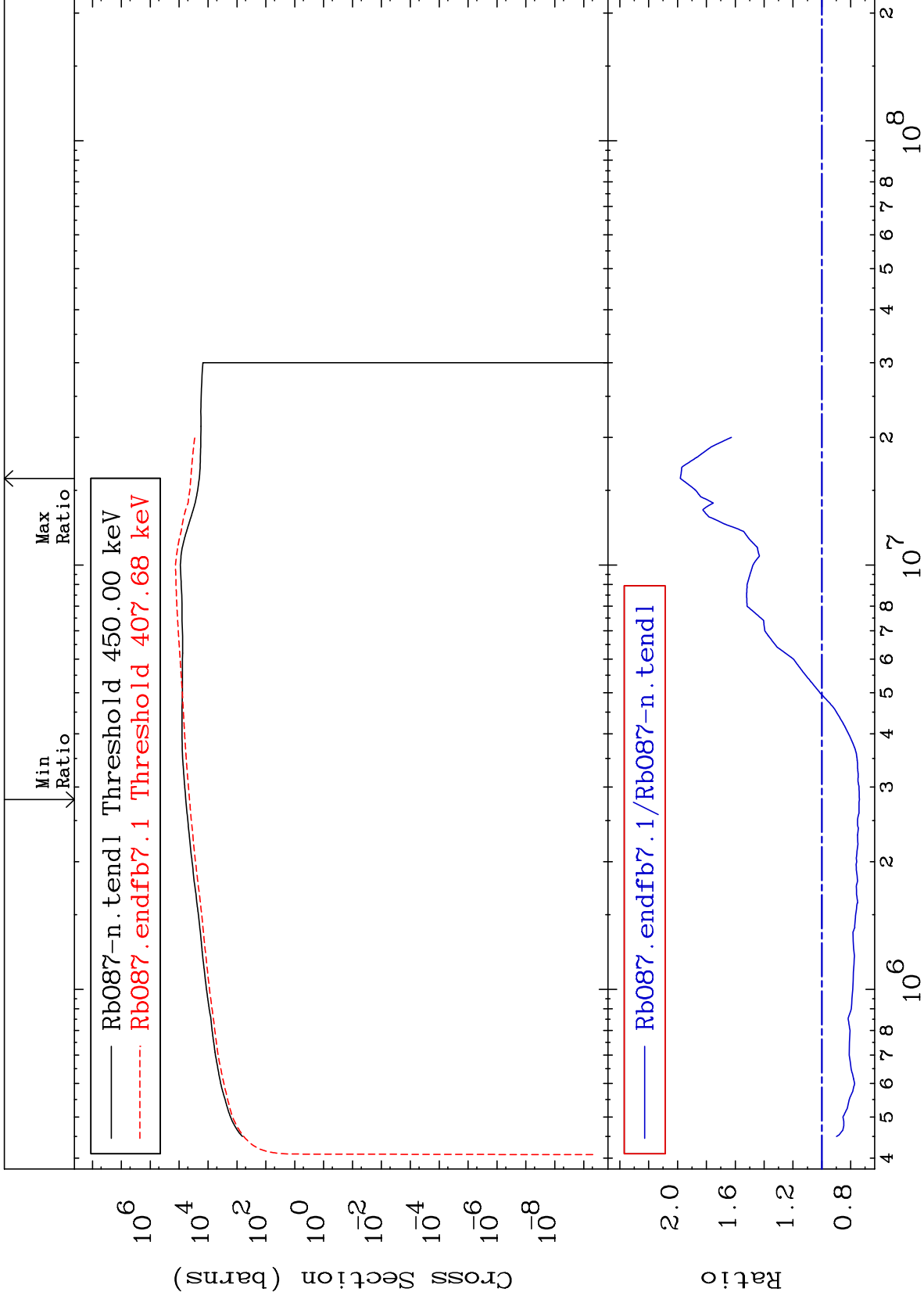
37-Rb-87
-99.99 To 9999. %







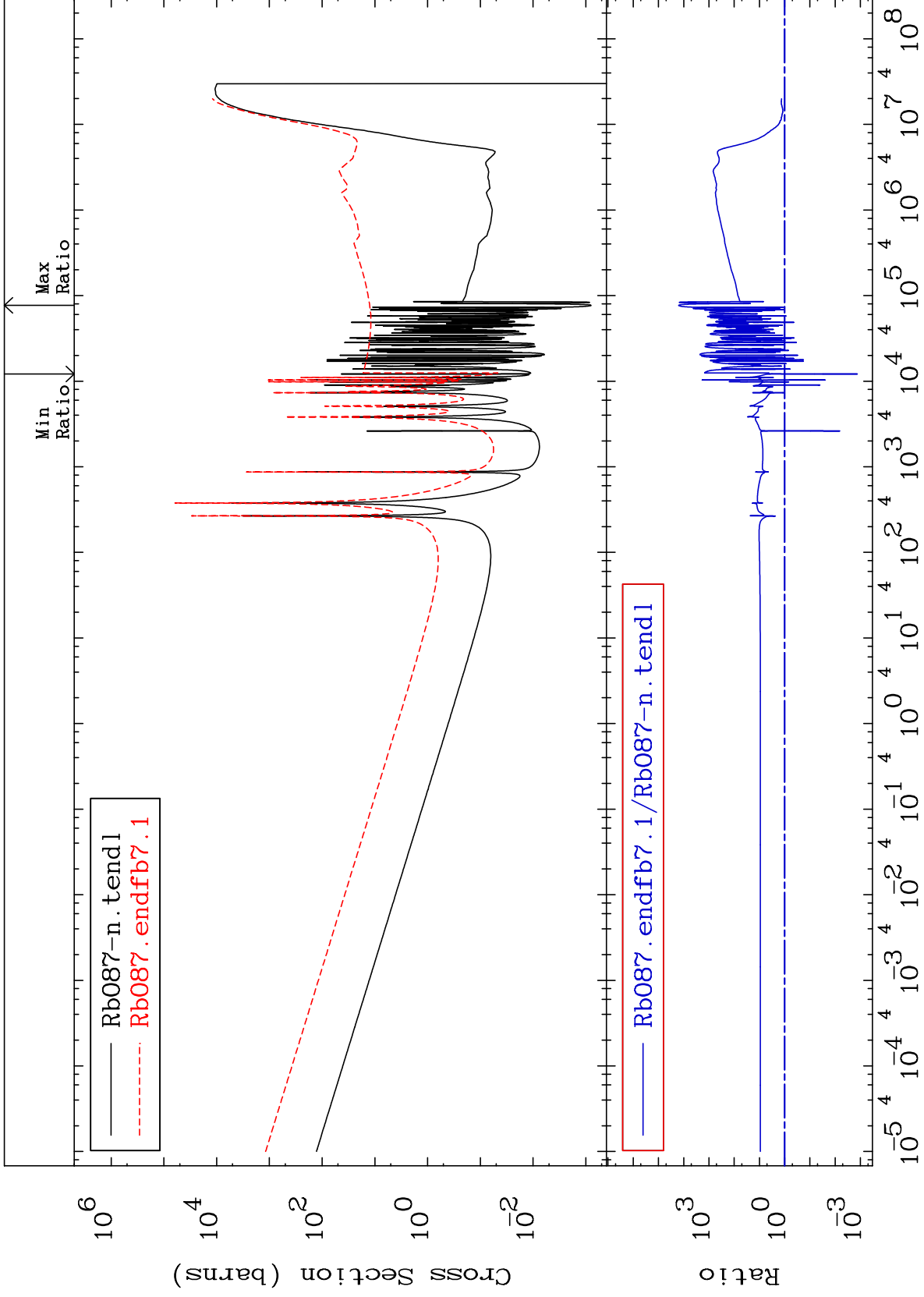




MAT 3731

Dpa disappearance (mt102 -120)
Cross Section

37-Rb-87
-99.87 To 9999. %



37

Incident Energy (eV)

37-Rb-87