

Program Complot
(Version 2021-1)

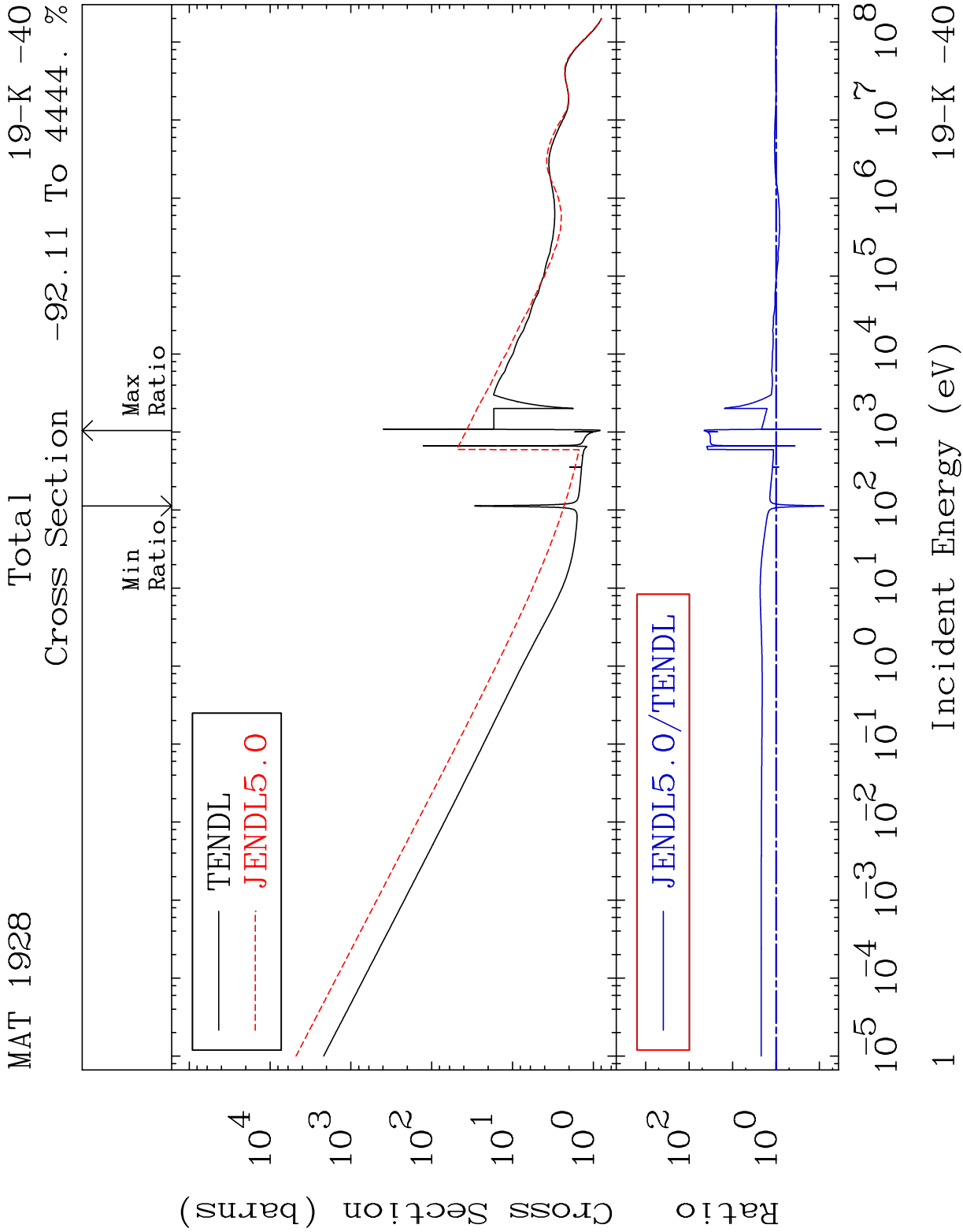
by

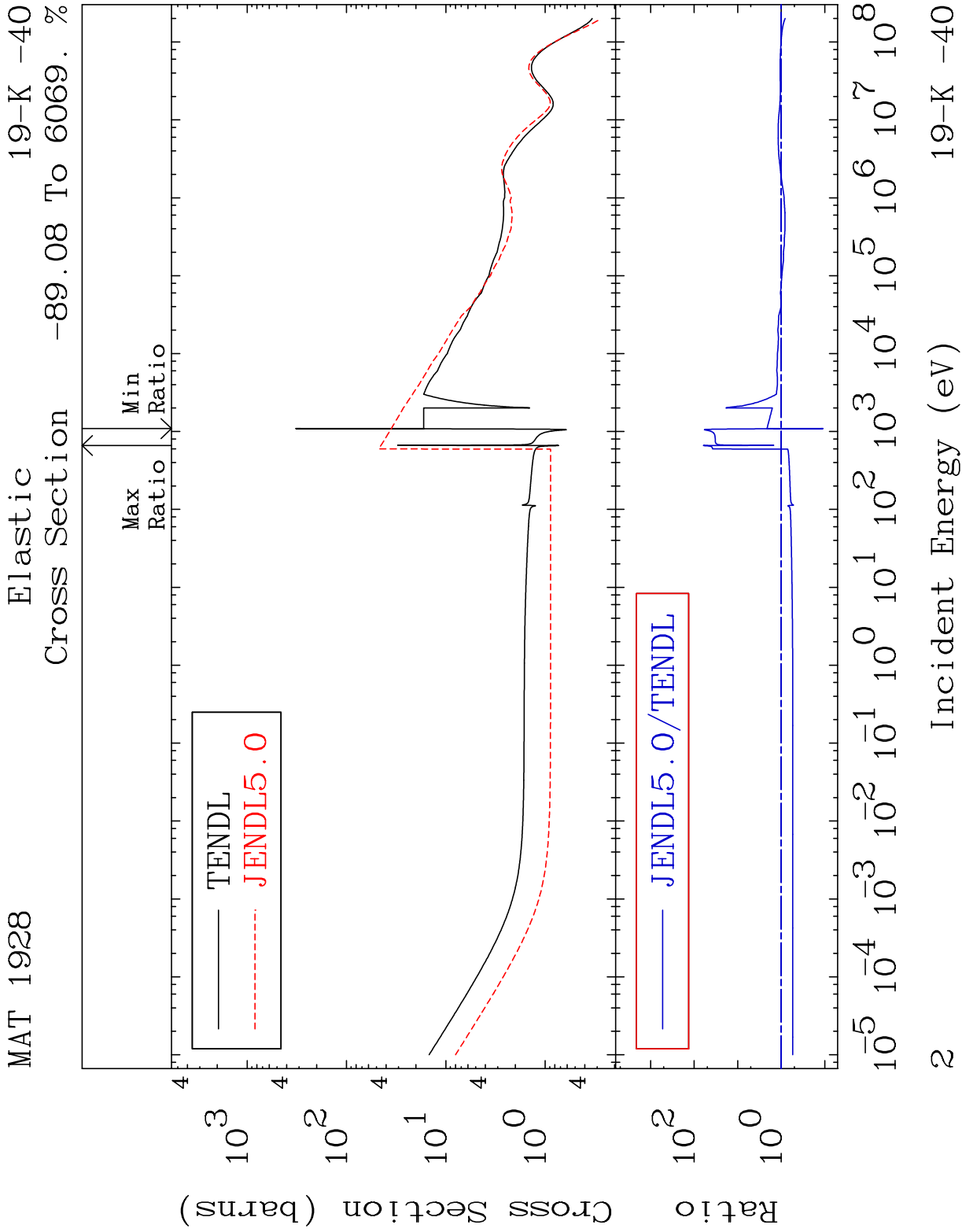
Dermott E. Cullen
(Present Contact Information)

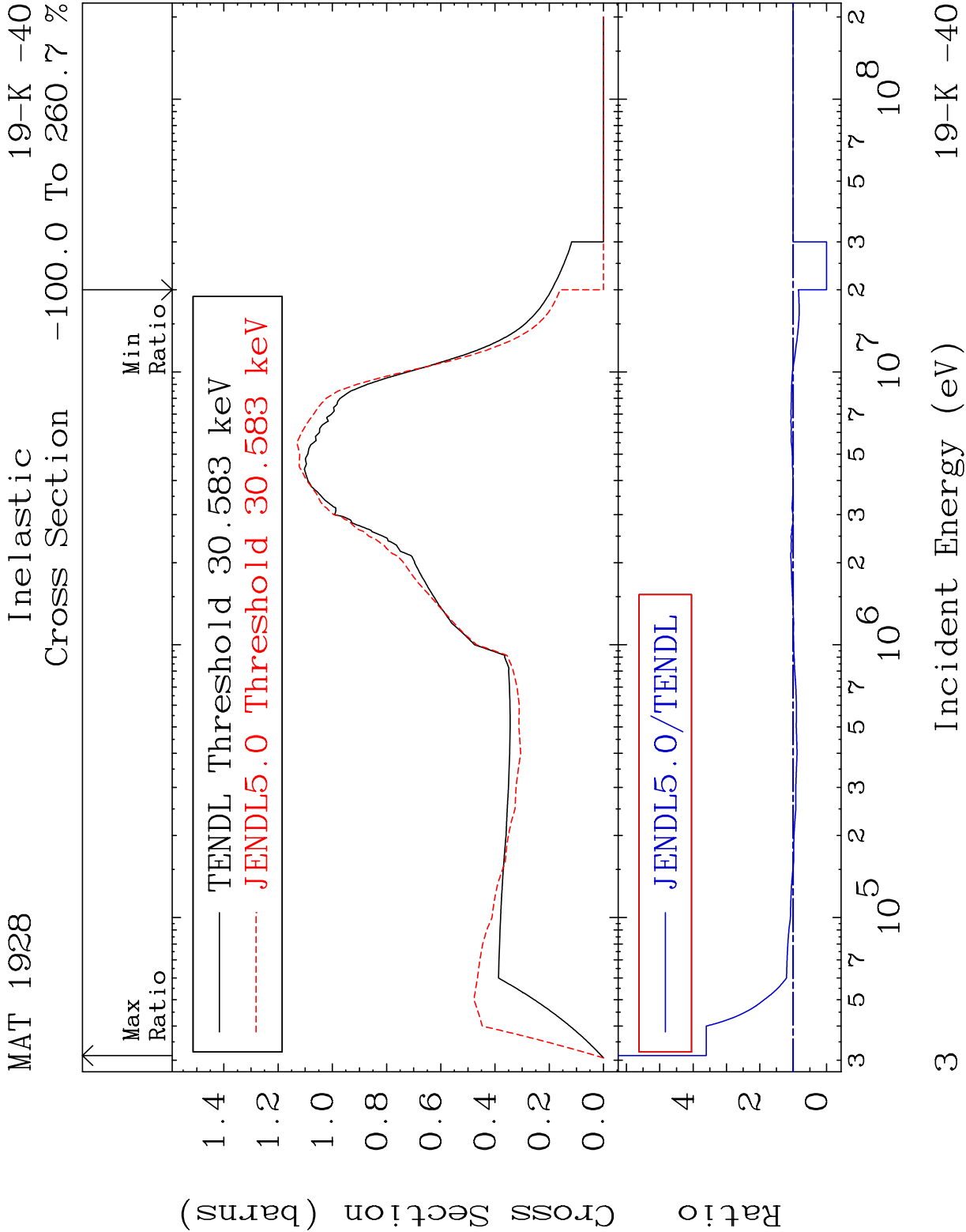
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

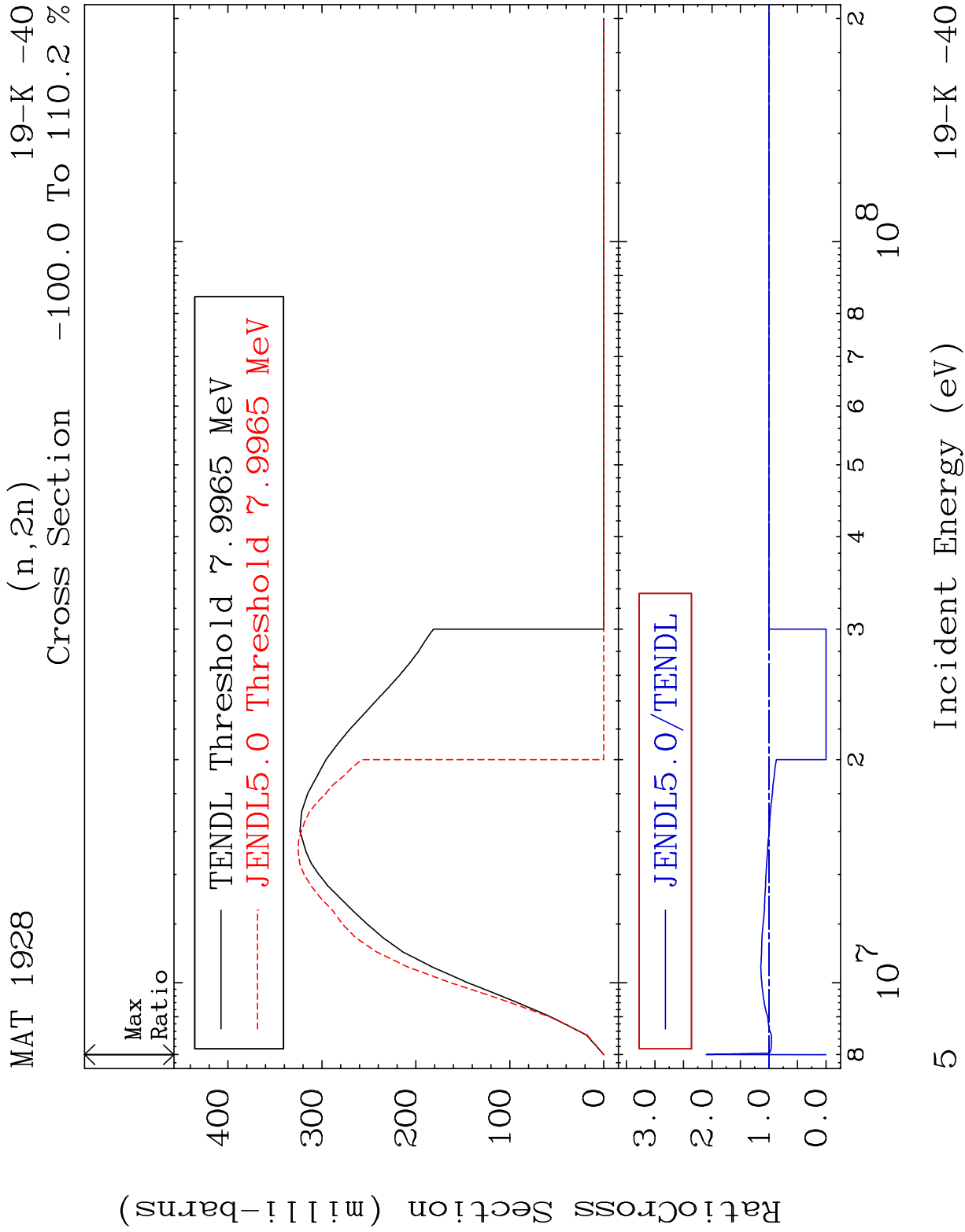
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

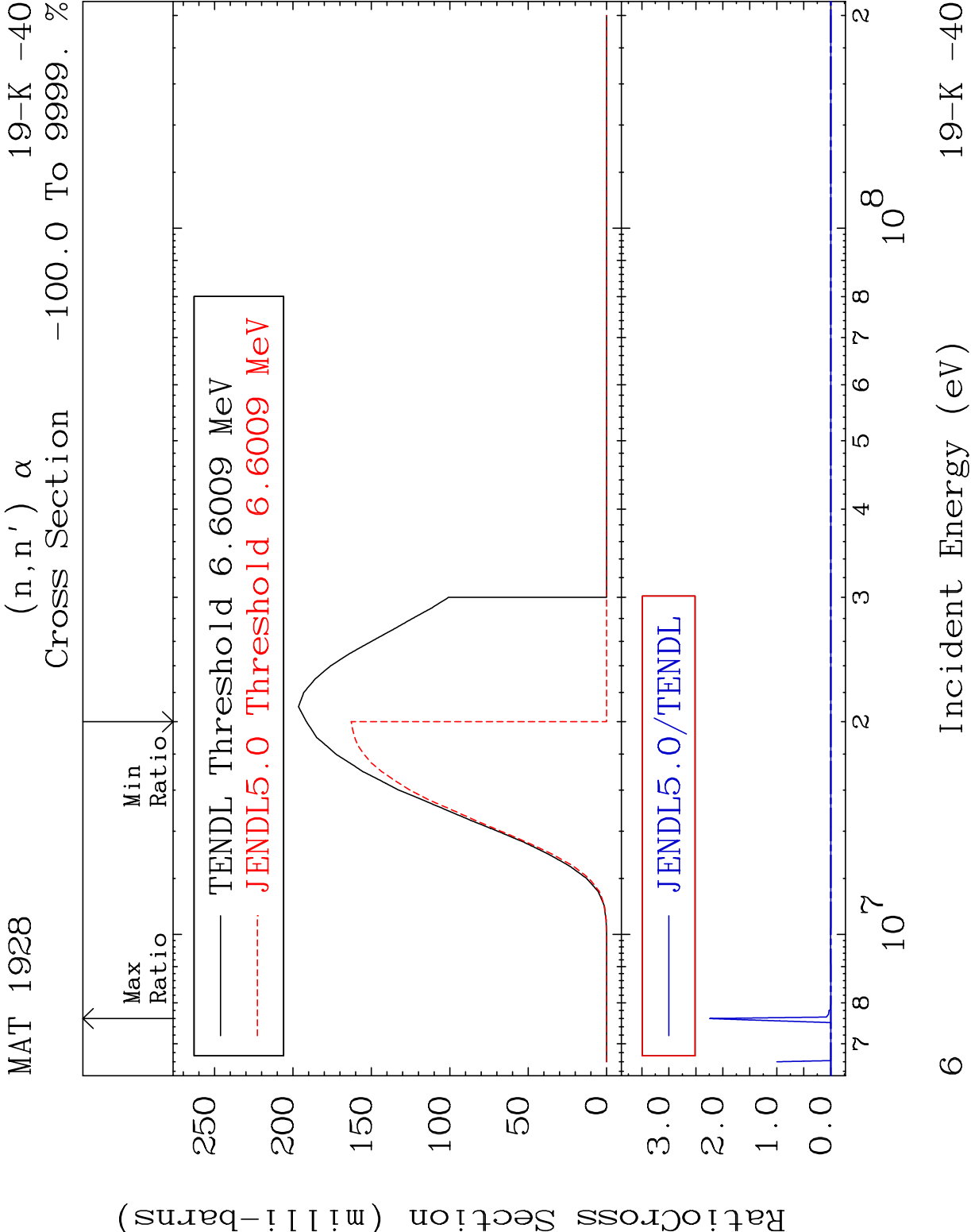
Press Mouse Button to Start

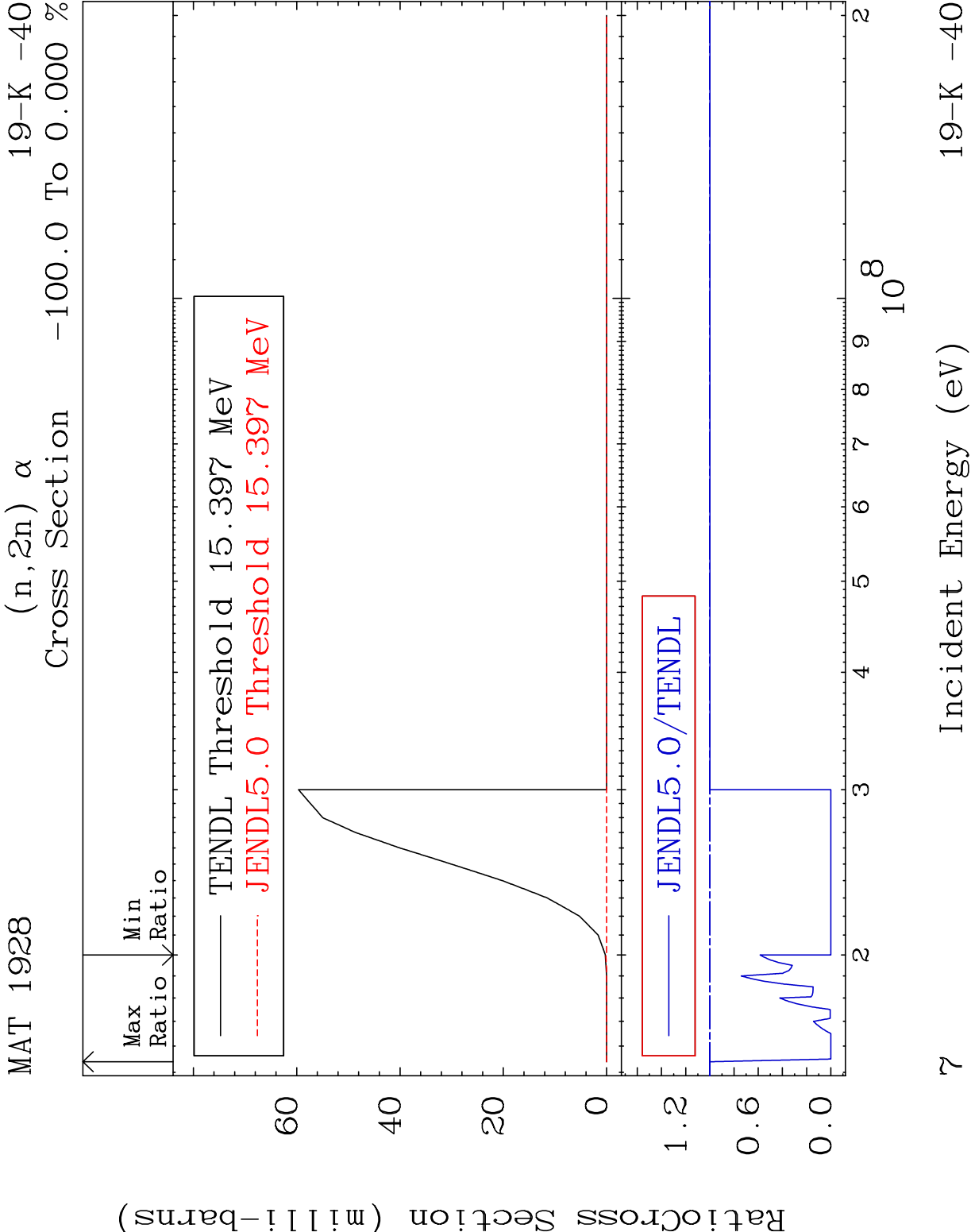


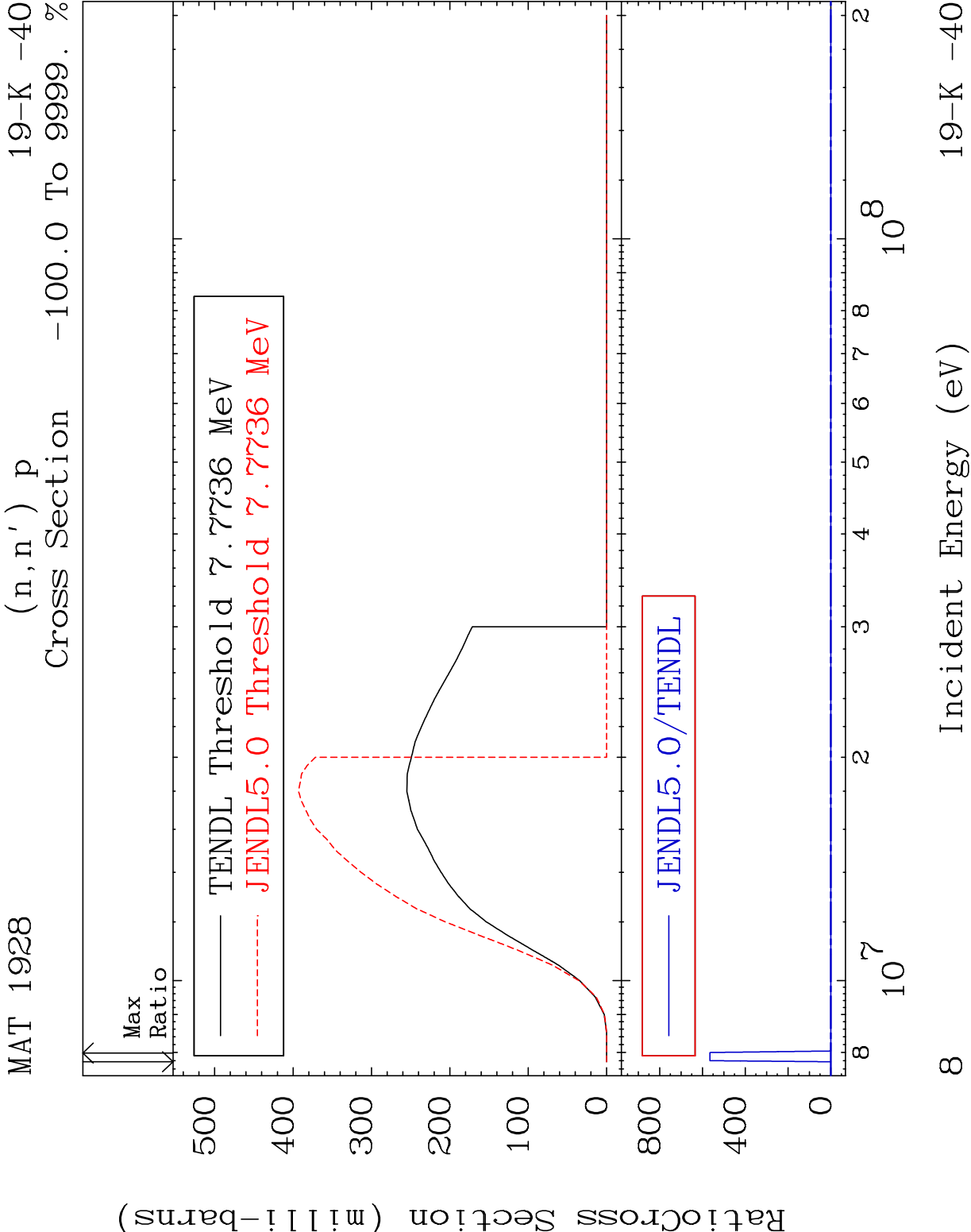


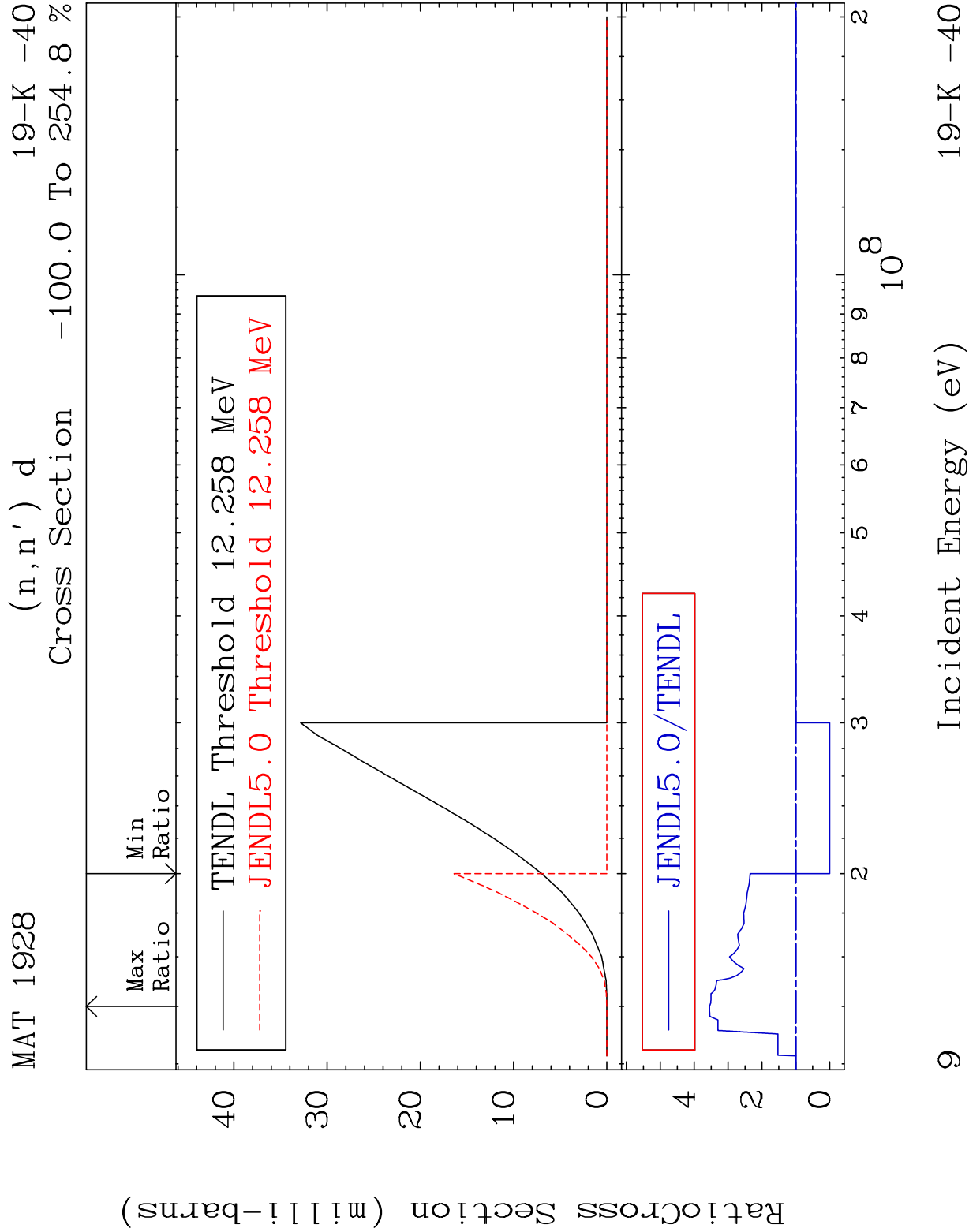


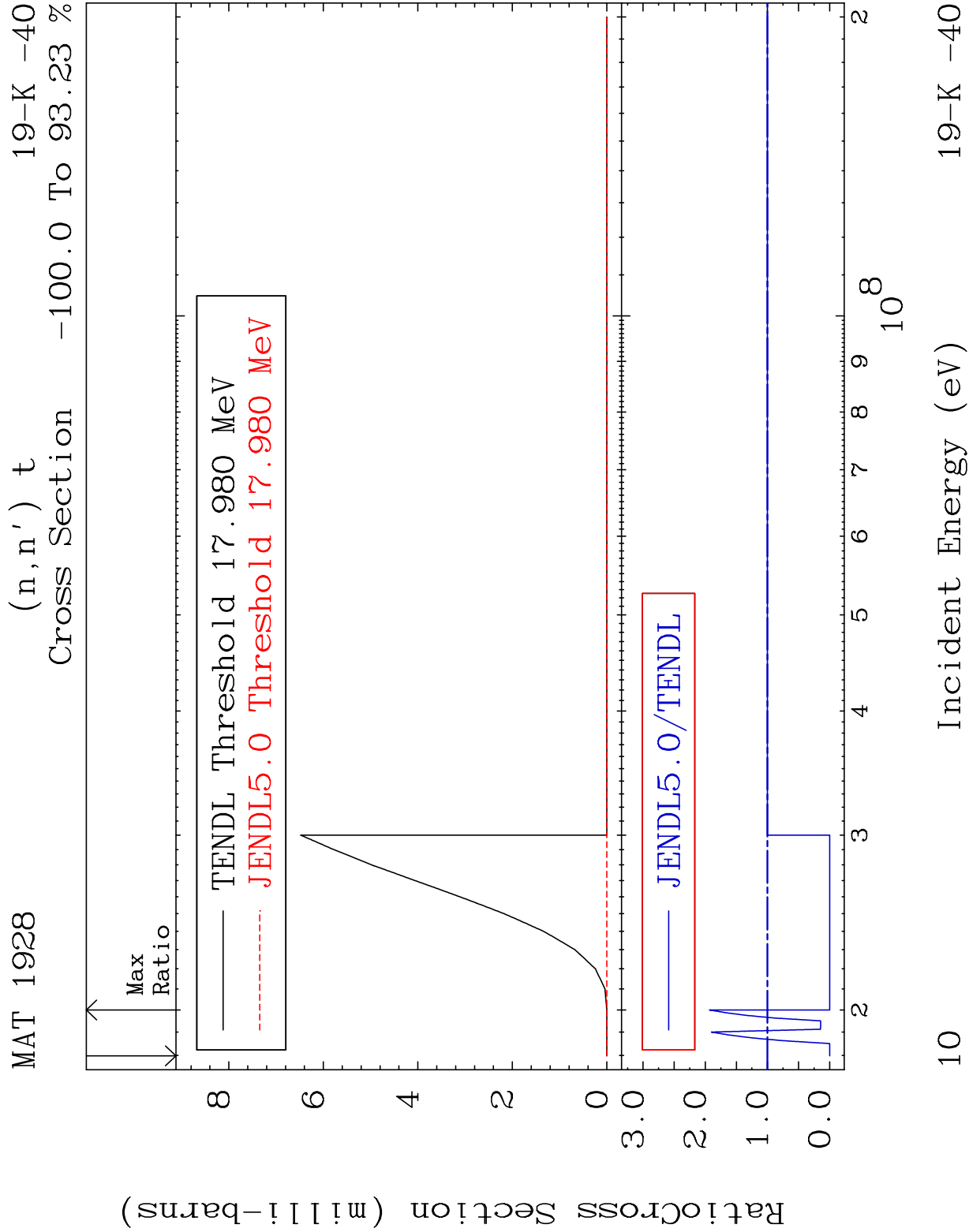


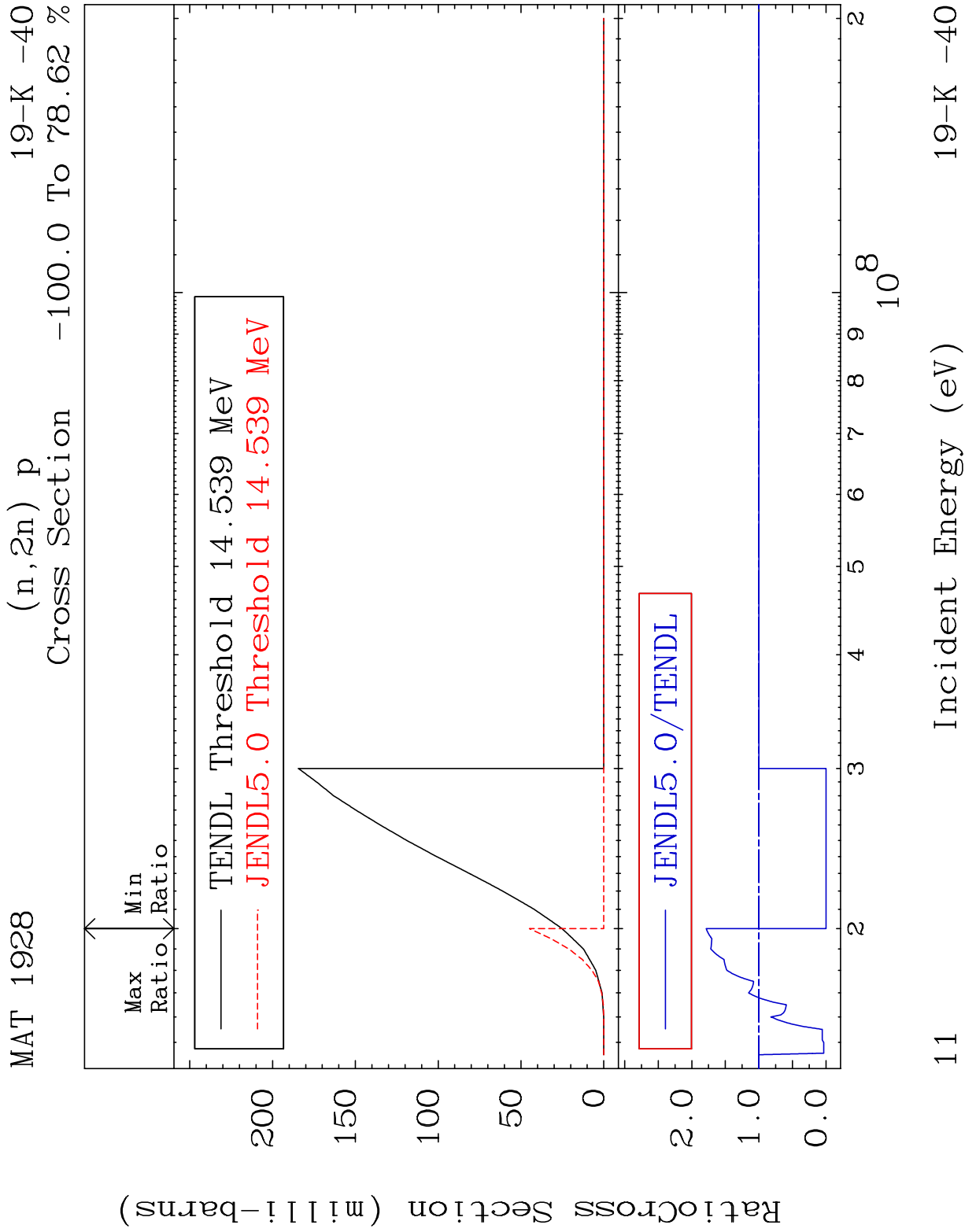


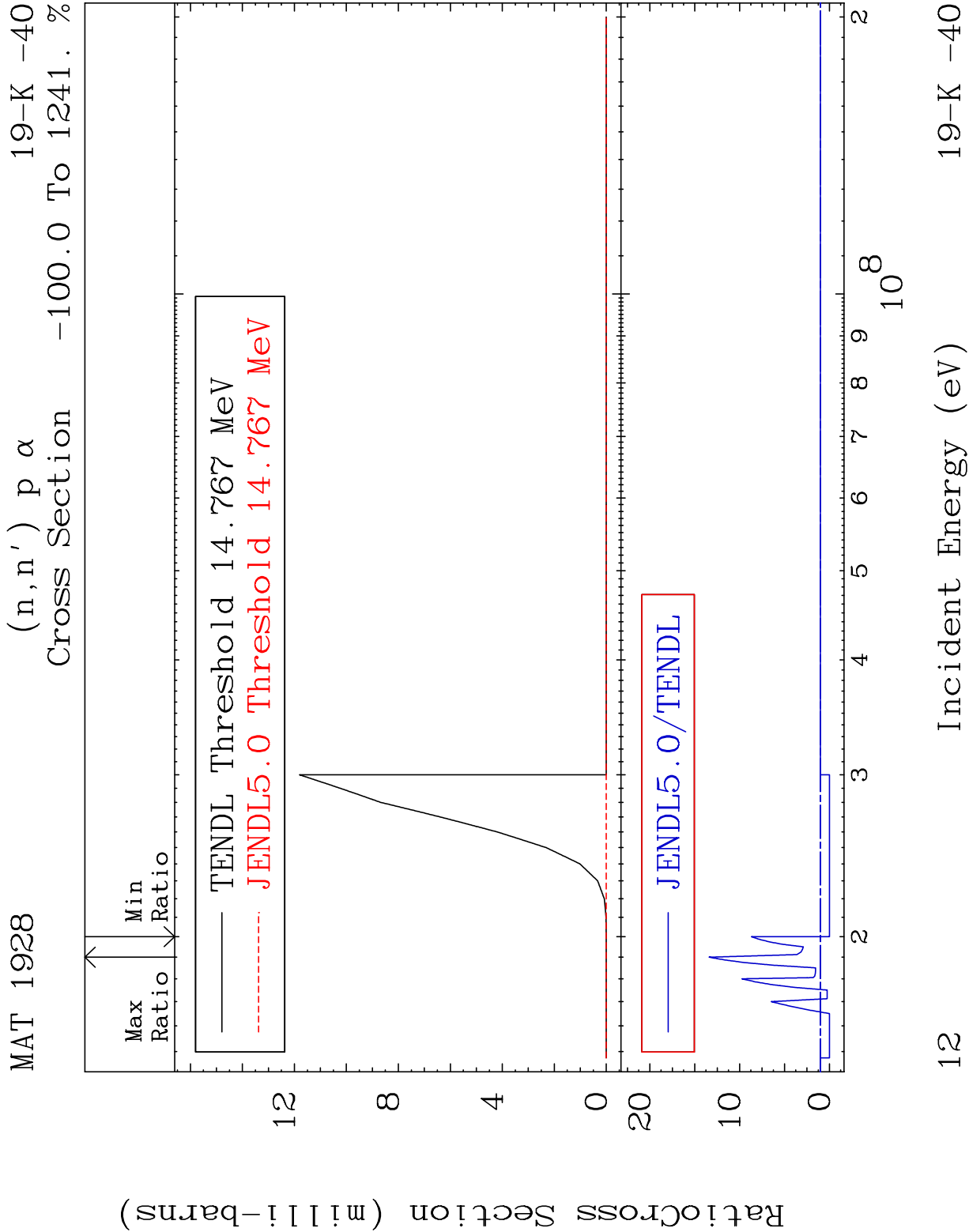




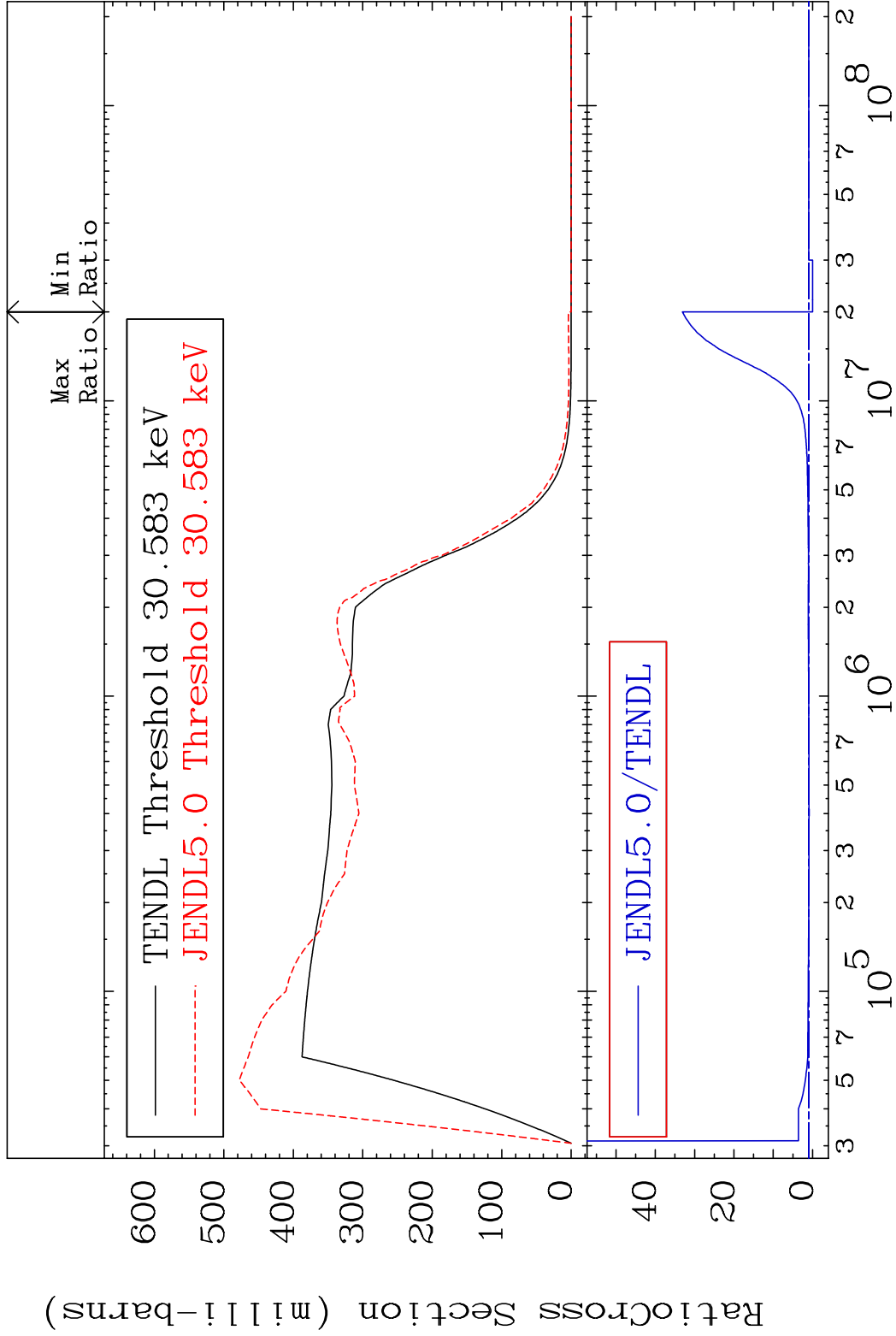




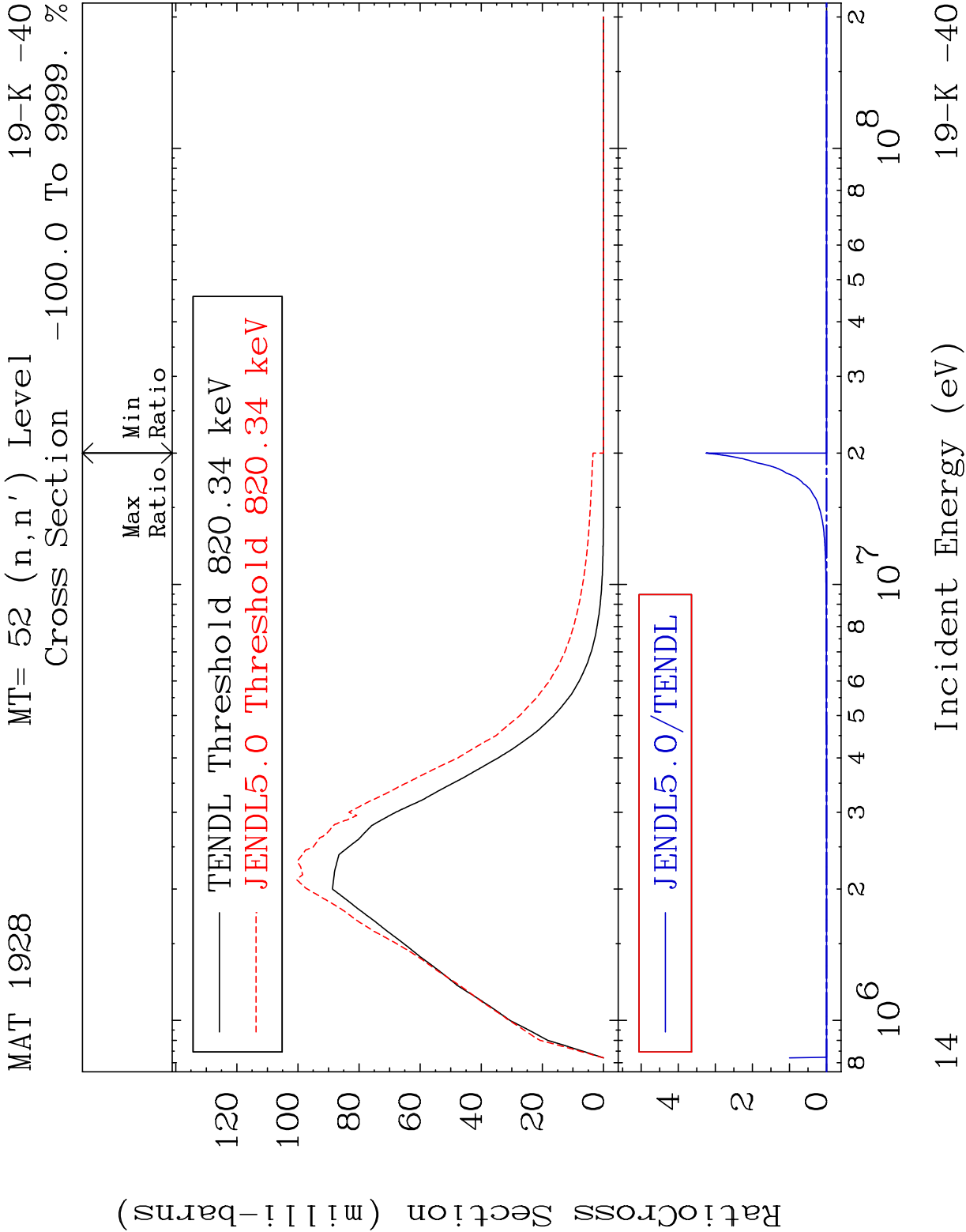


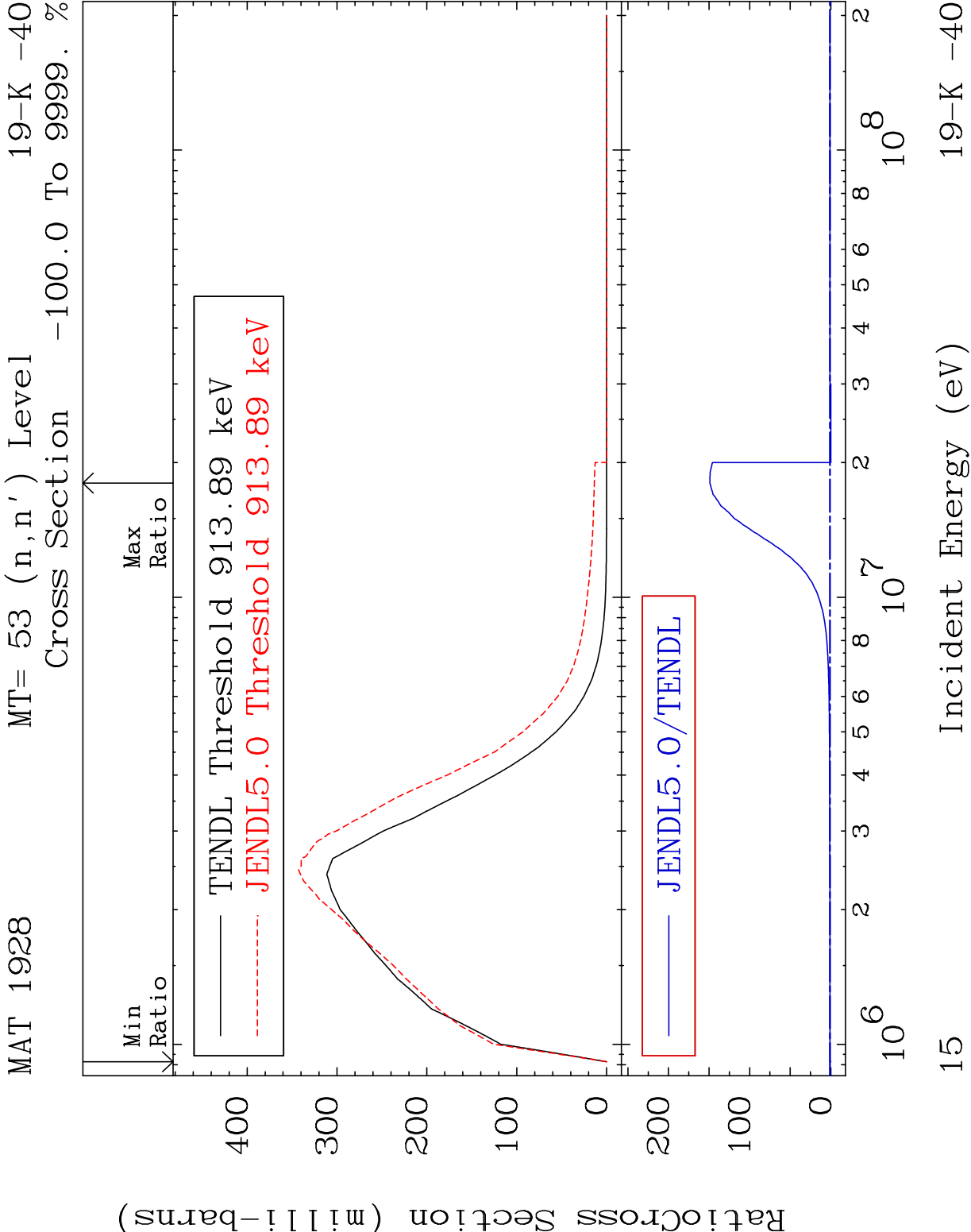


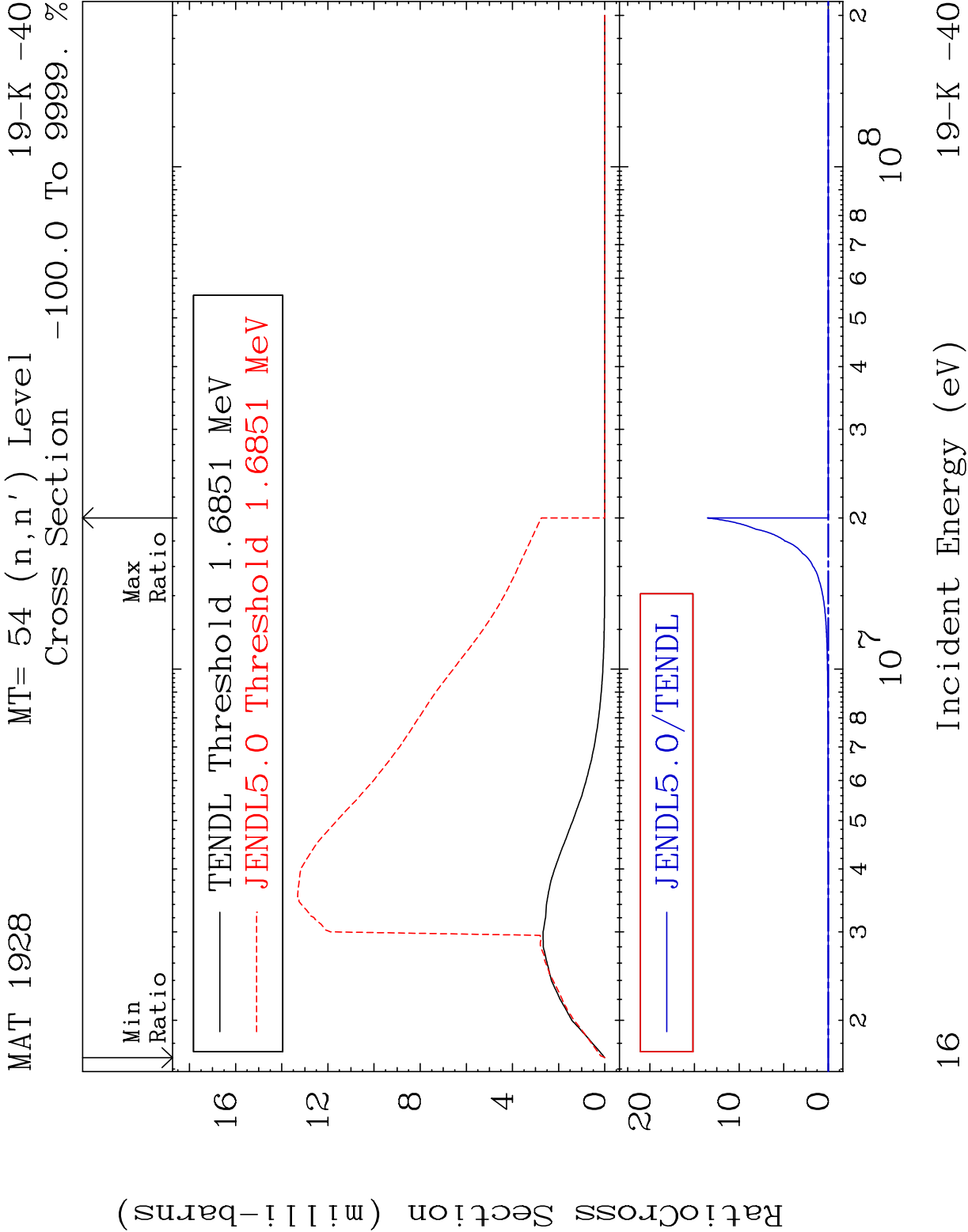
MAT 1928 MT= 51 (n,n') Level 19-K -40
Cross Section -100.0 To 3212. %

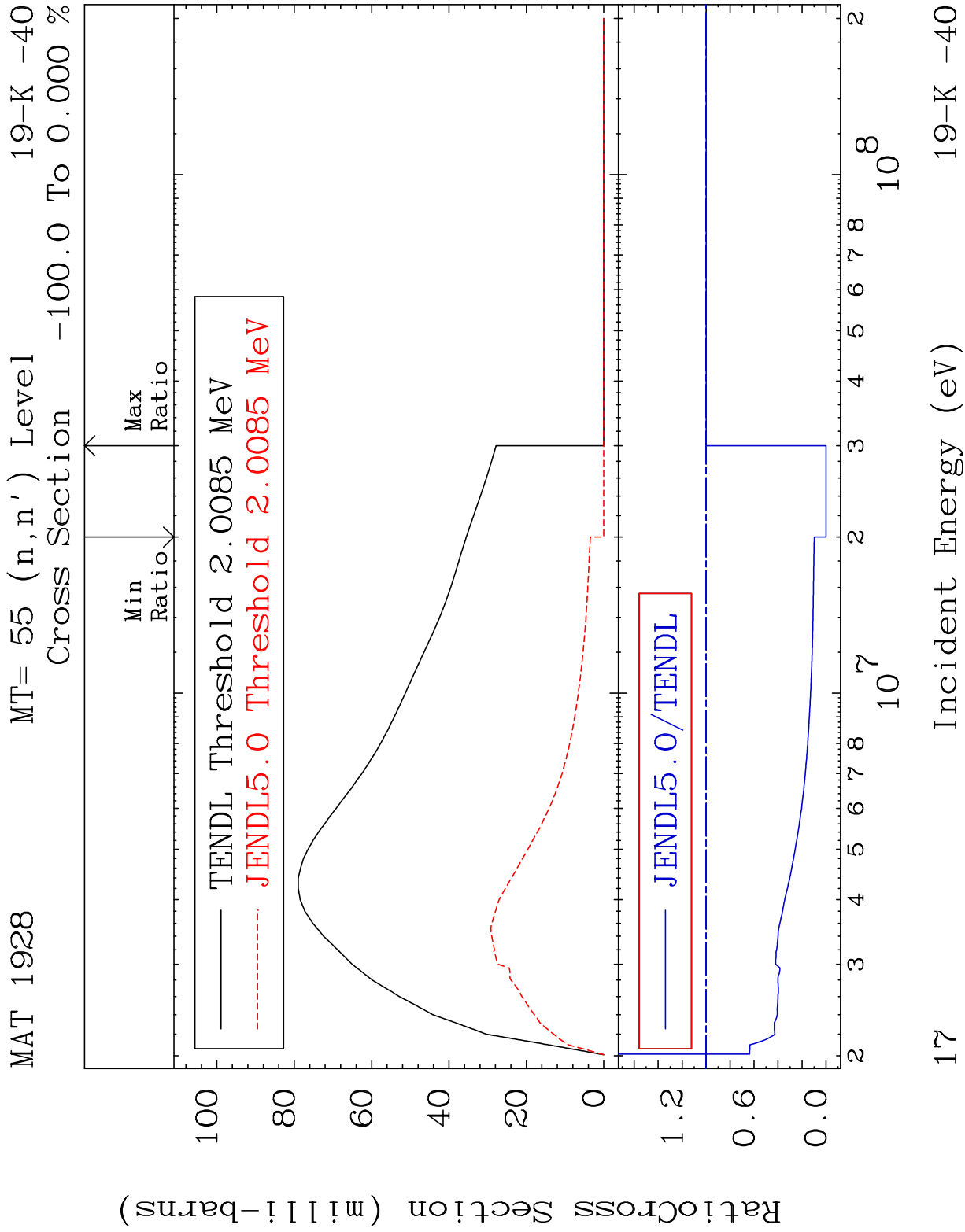


13 Incident Energy (eV) 19-K -40







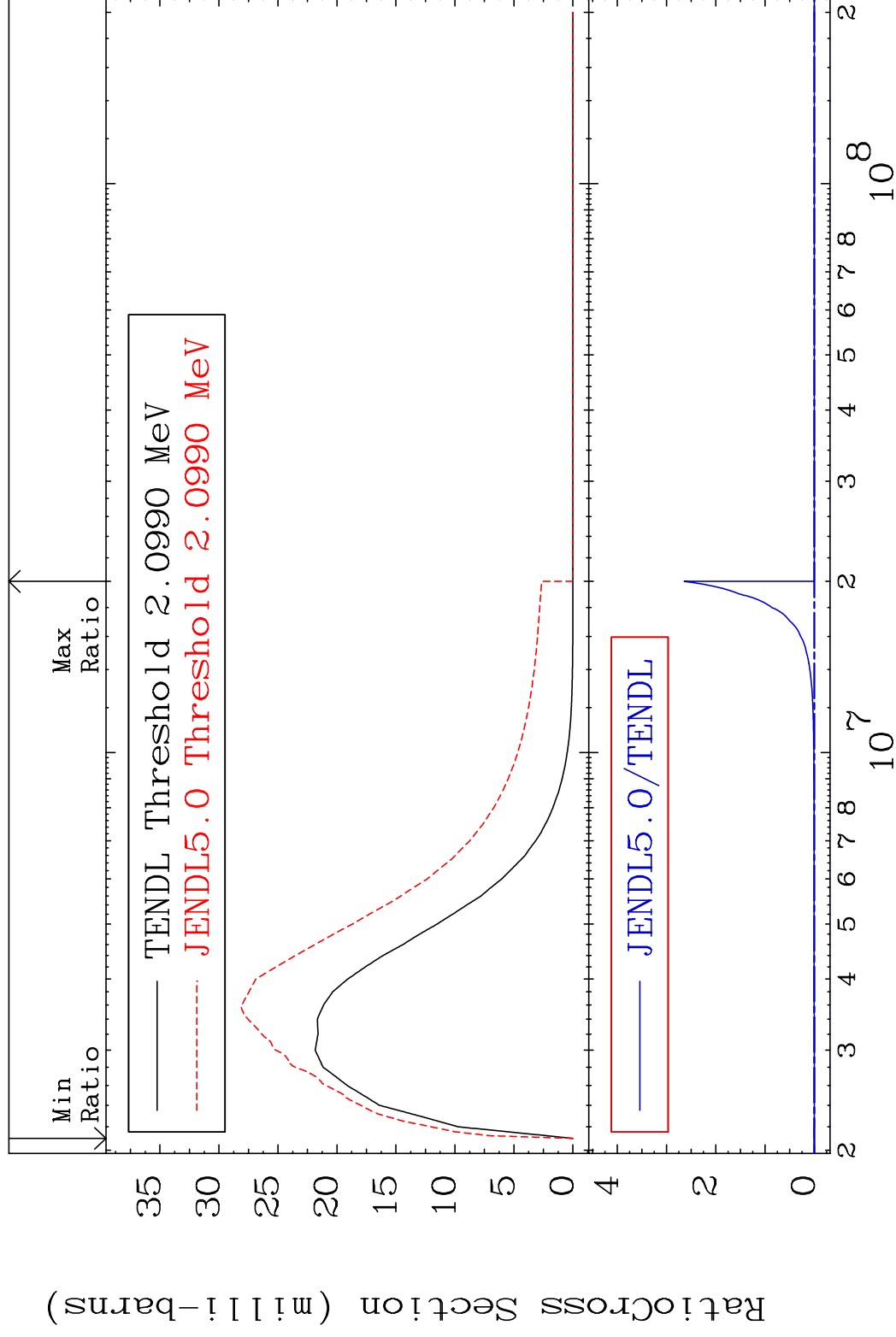


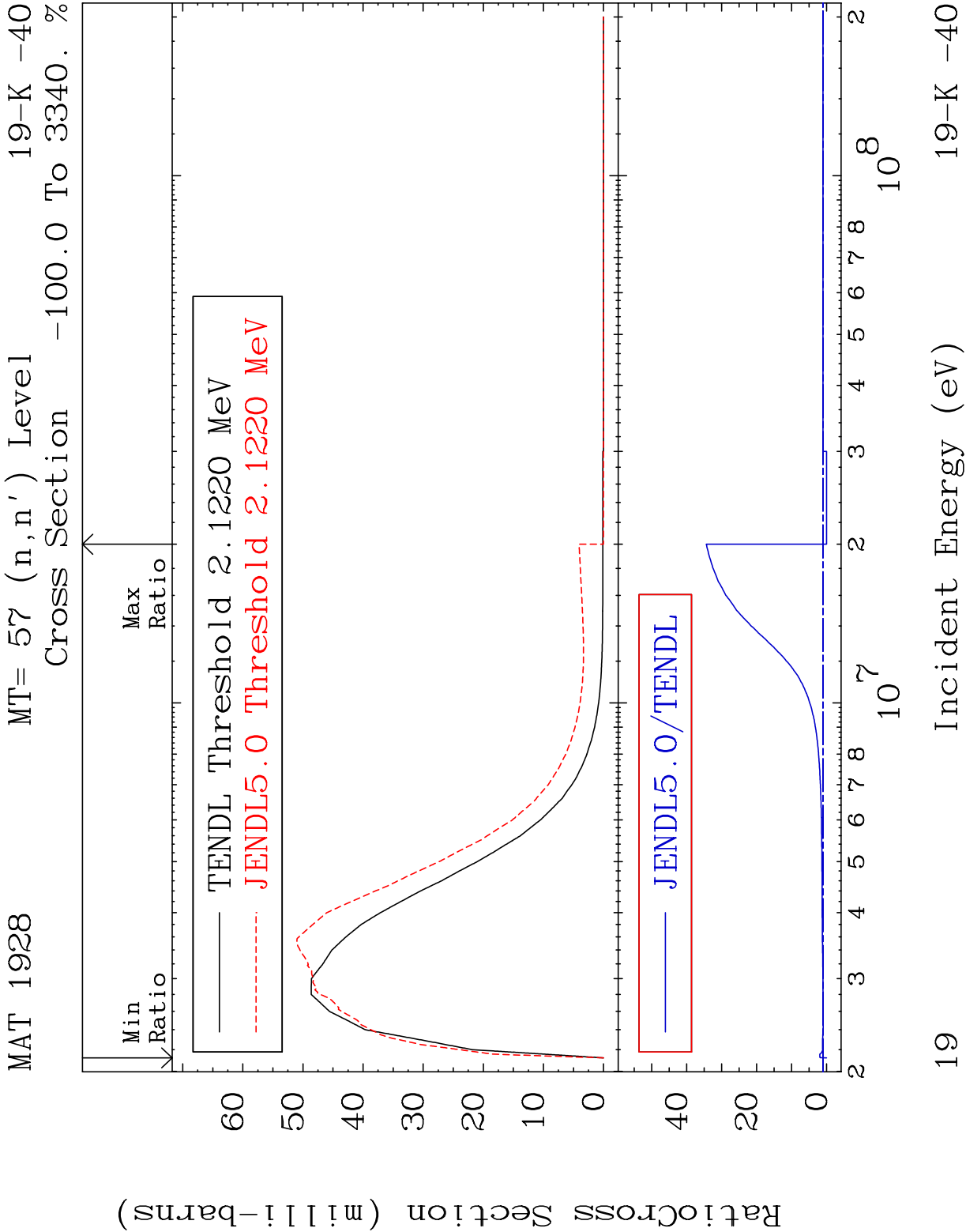
MAT 1928

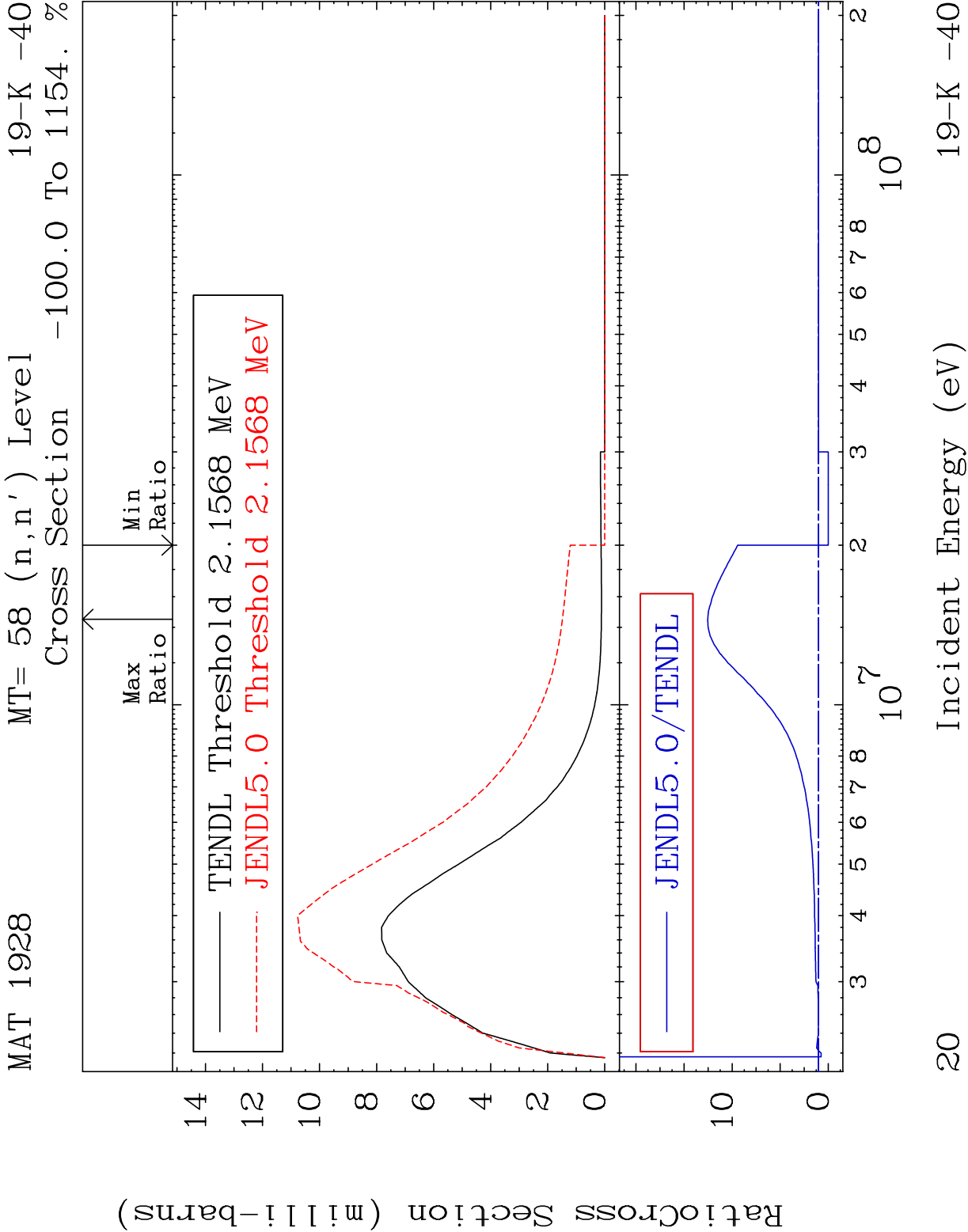
MT= 56 (n, n') Level

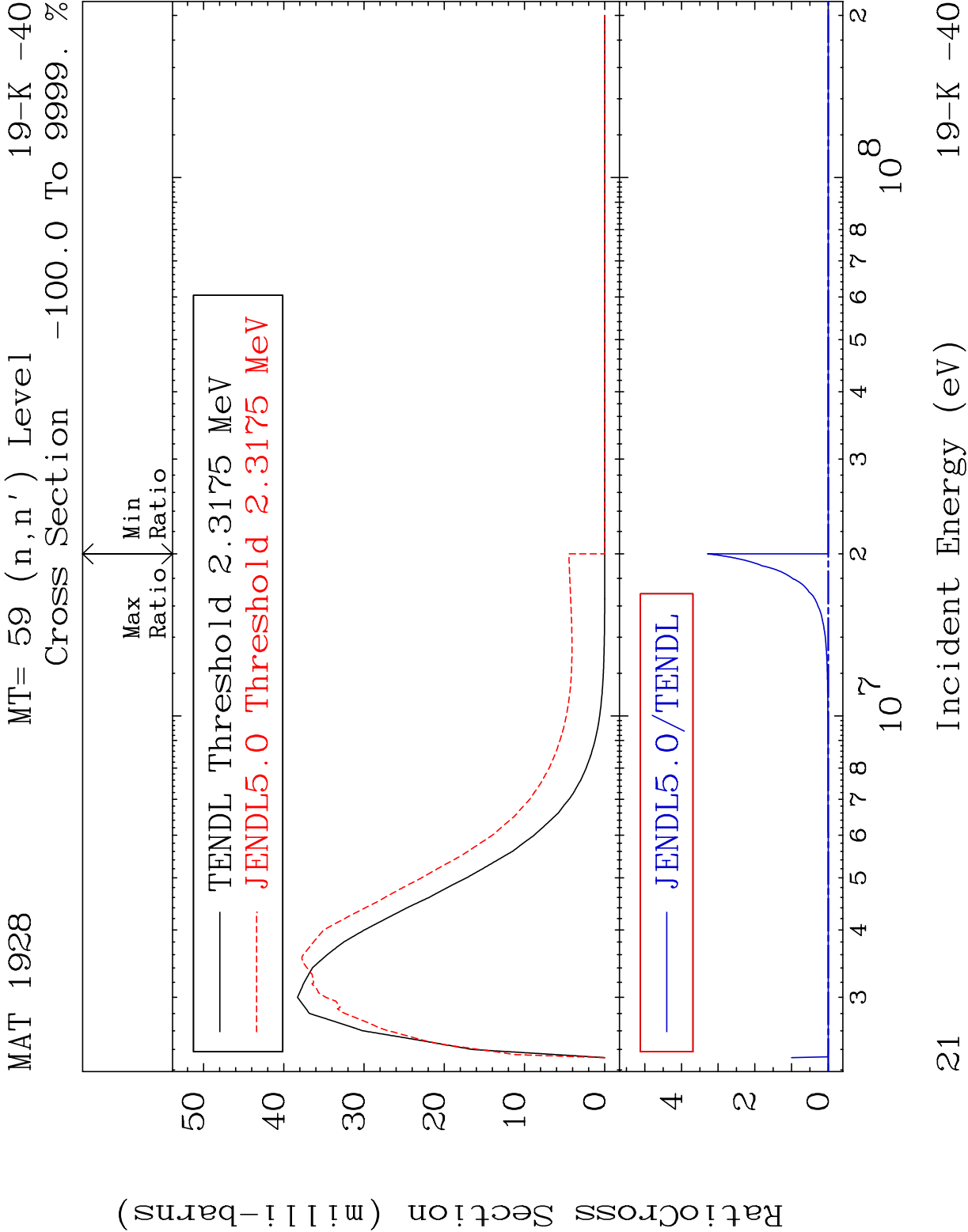
19-K -40

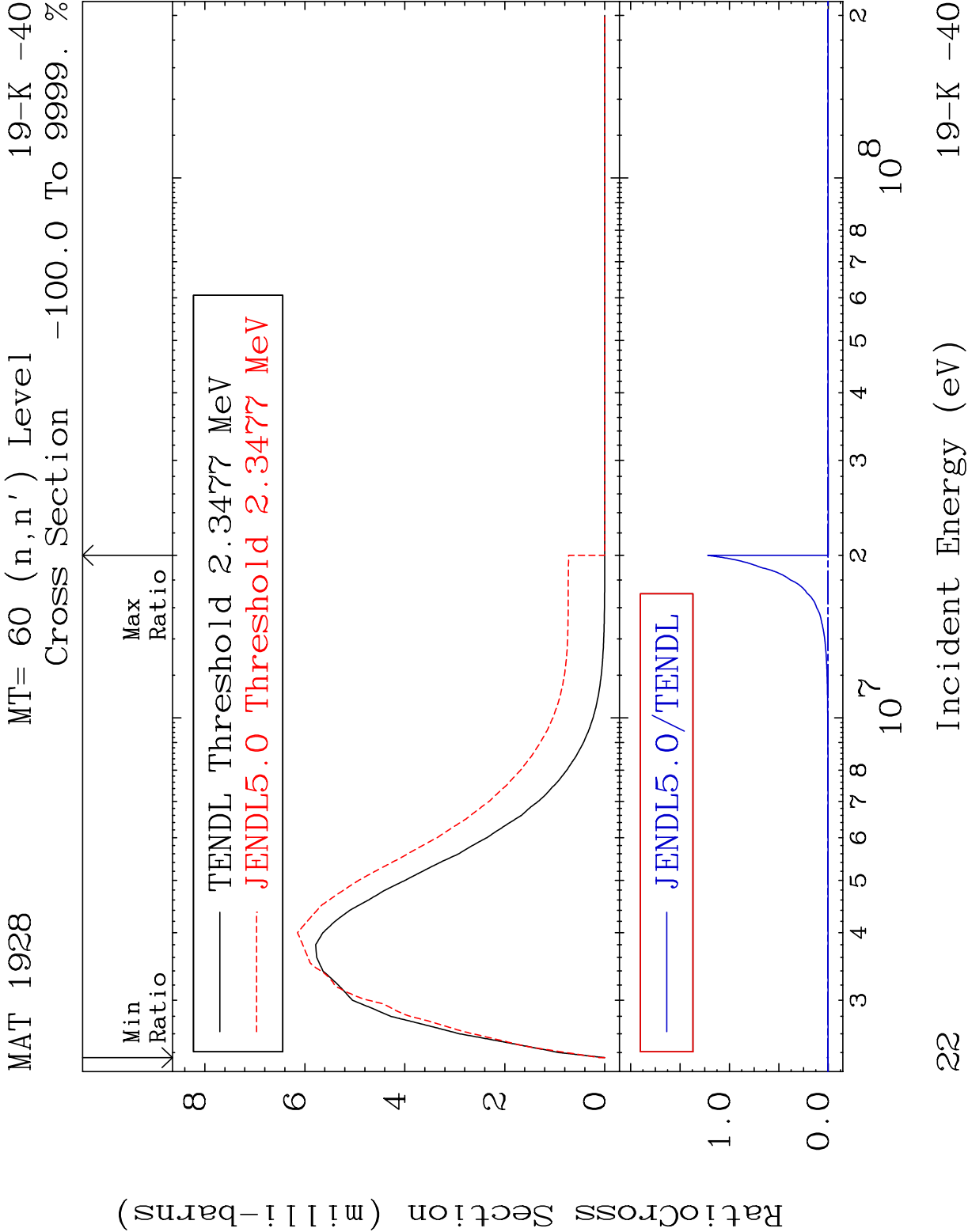
Cross Section	-100.0 To 9999. %
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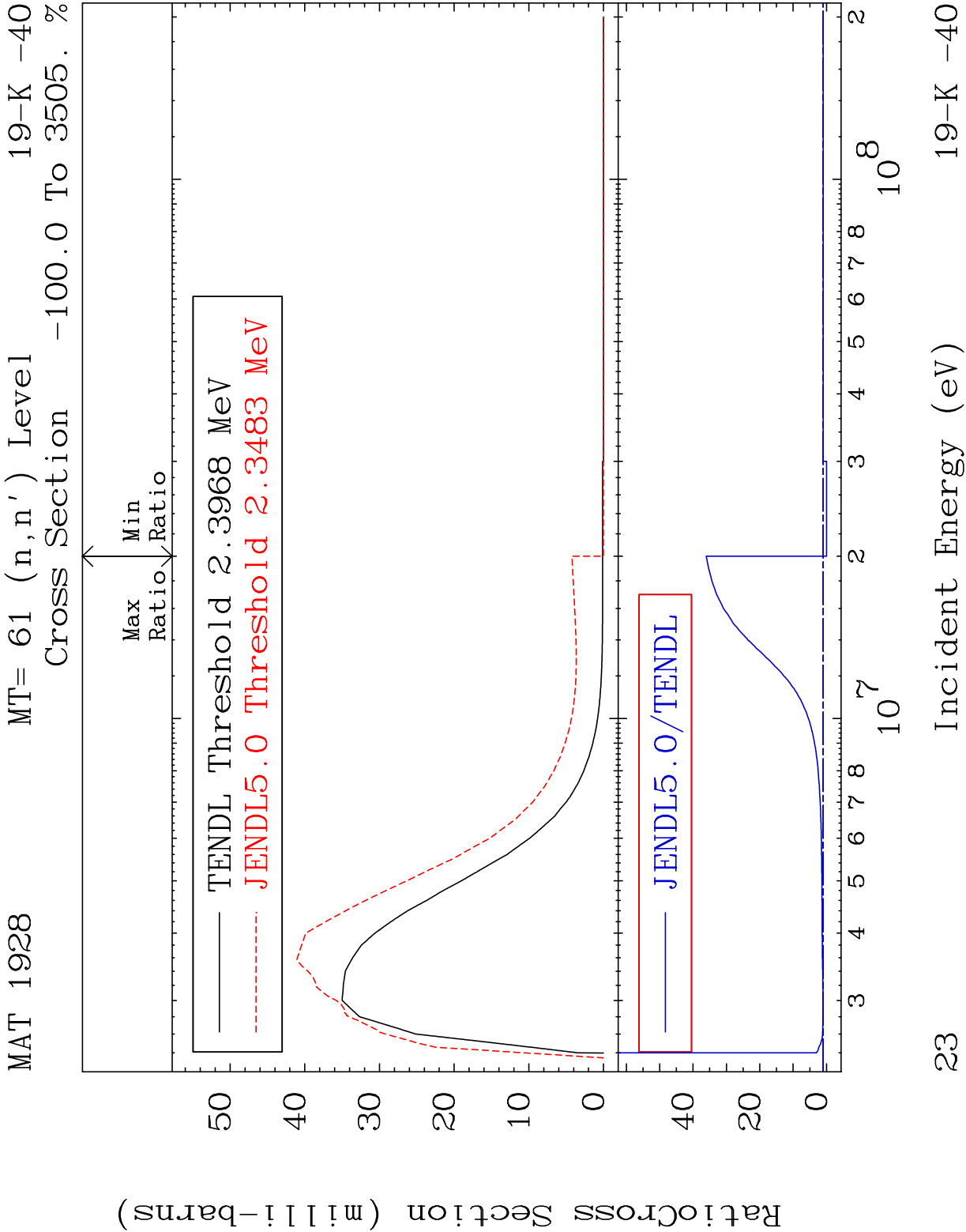


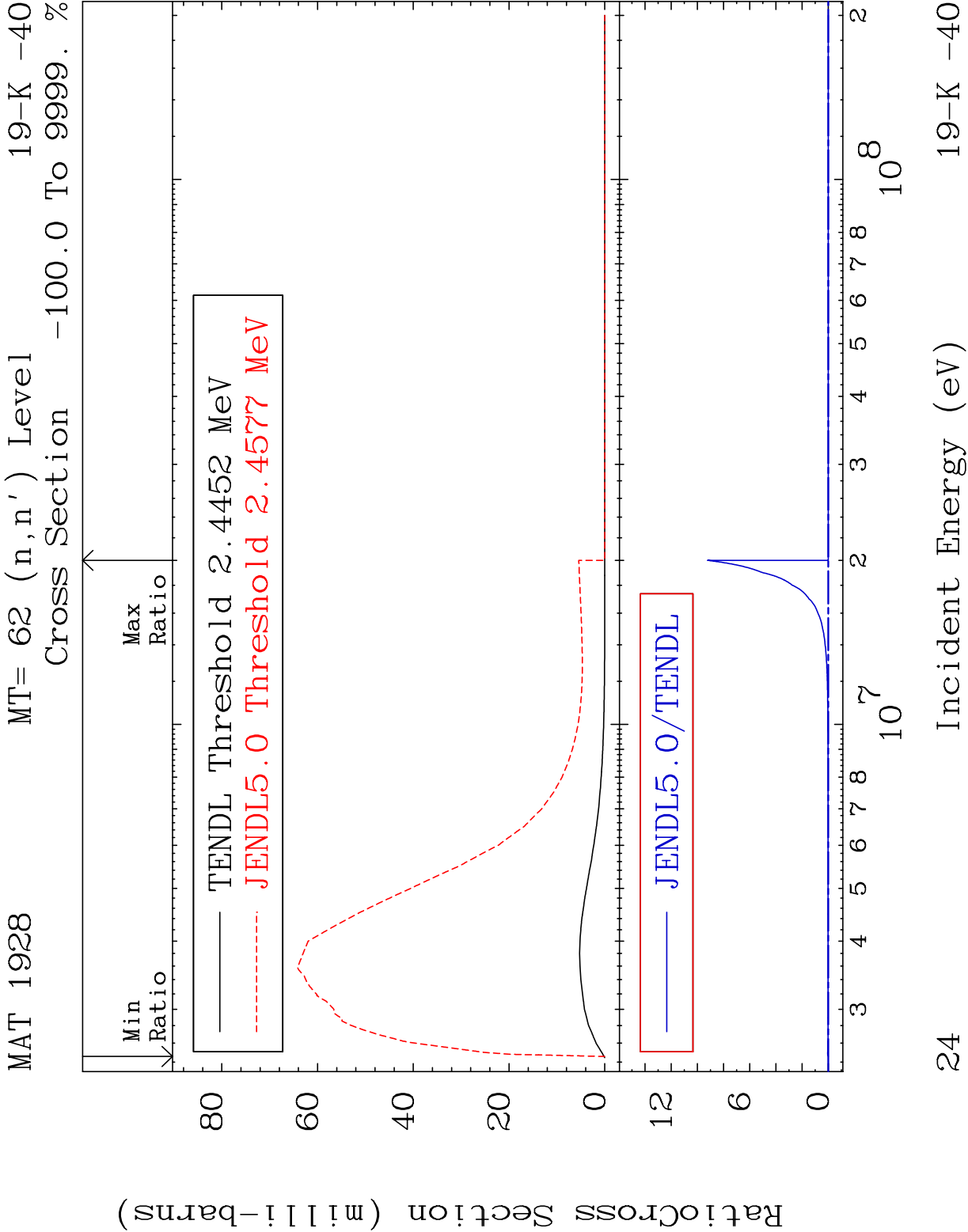




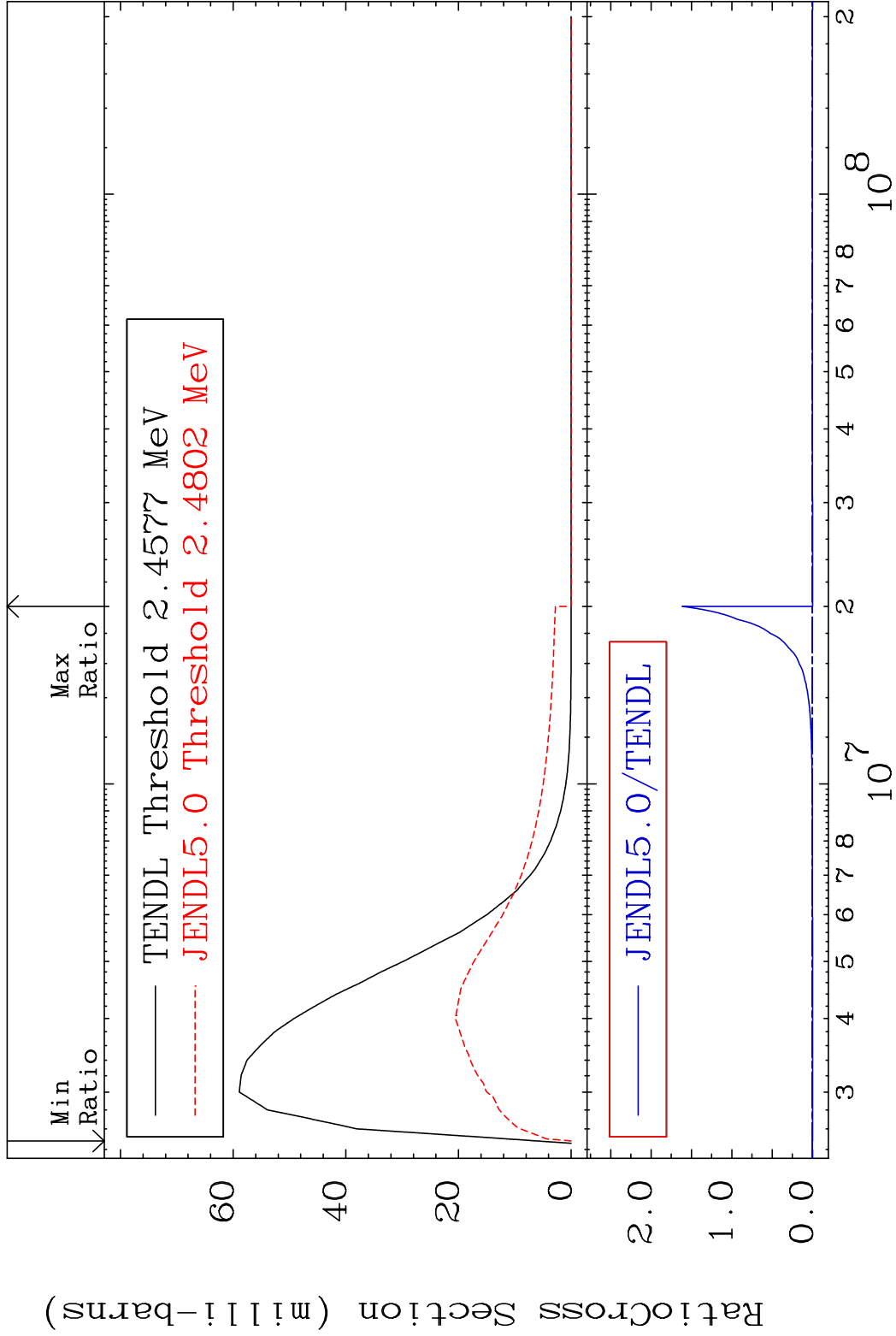


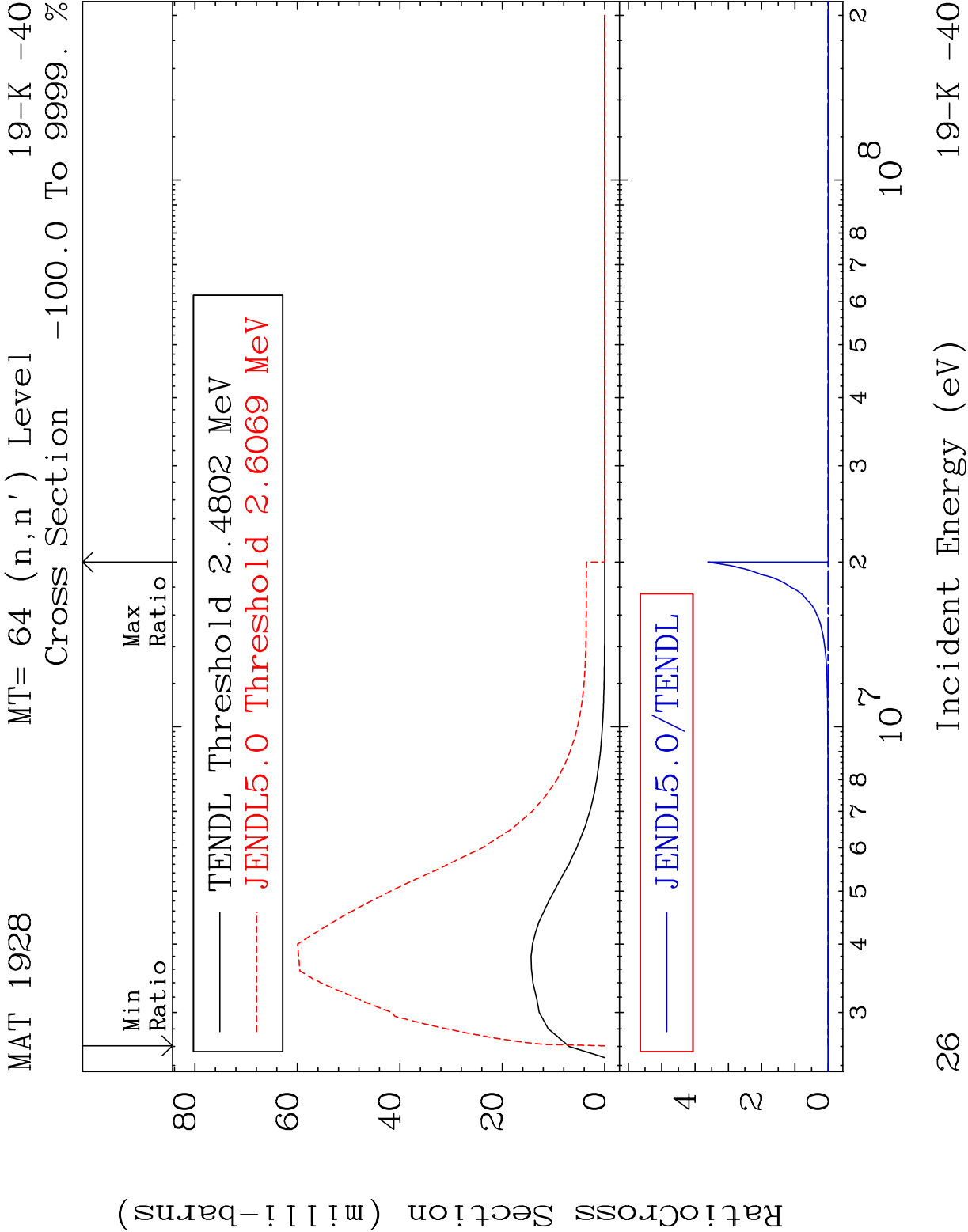


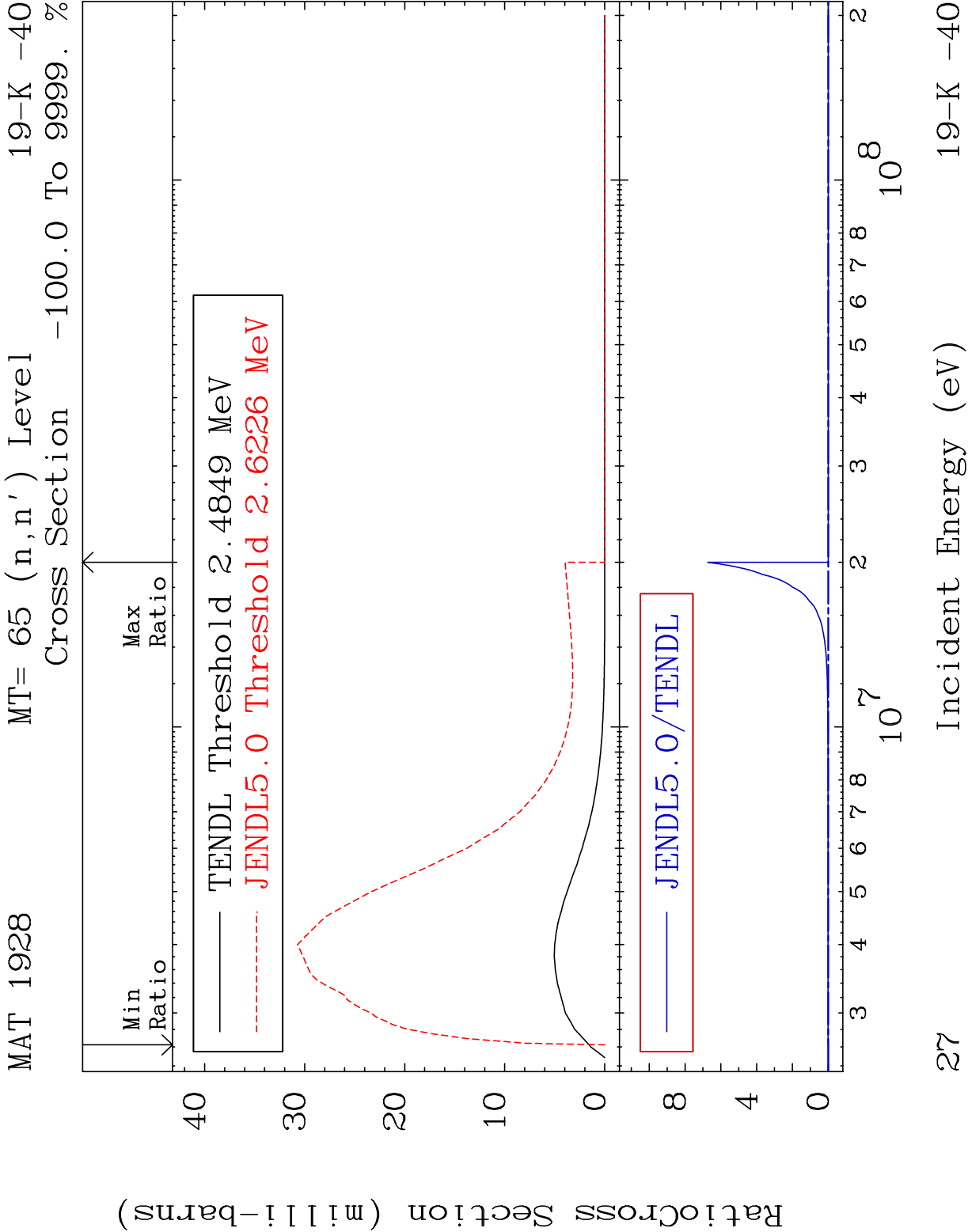


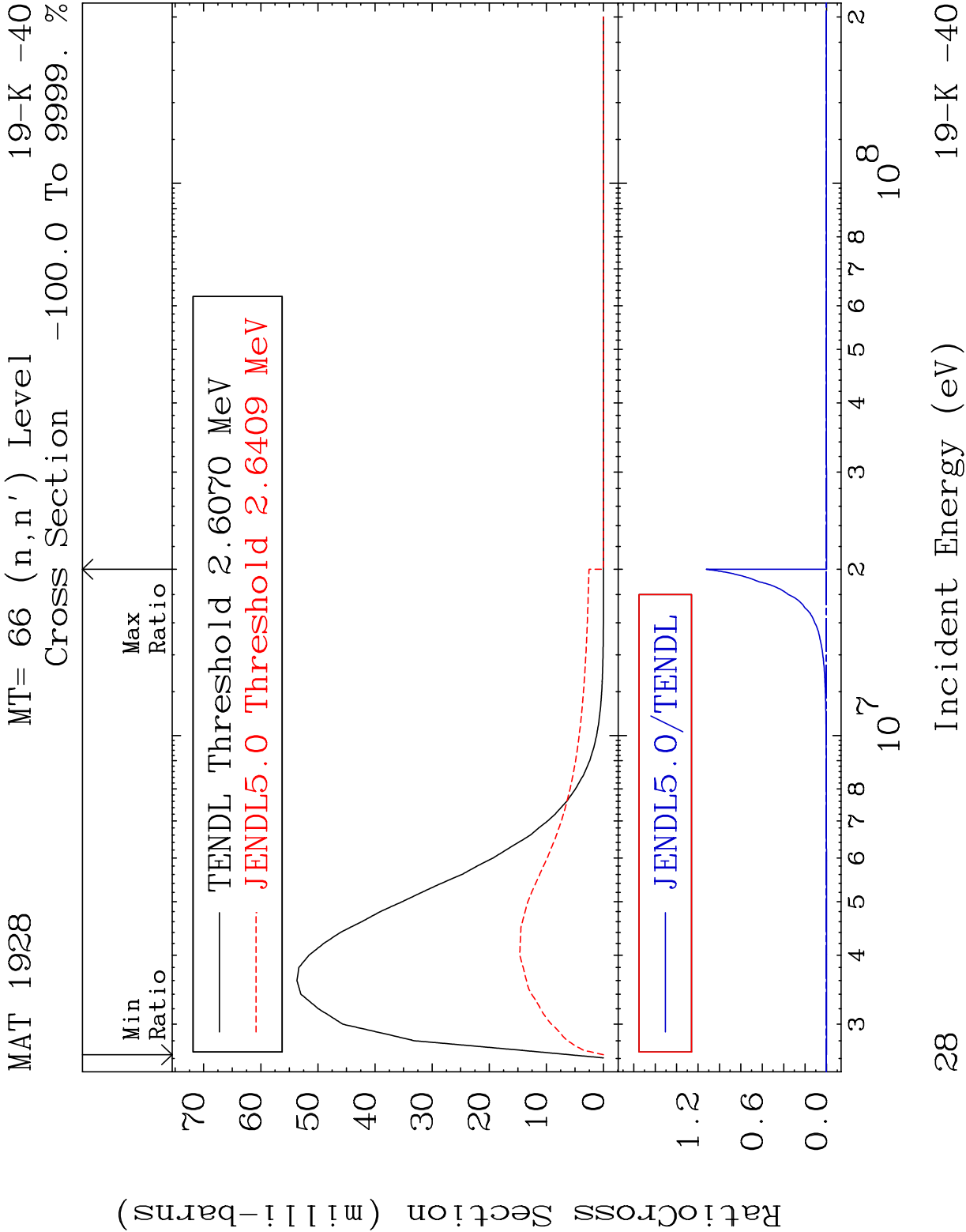


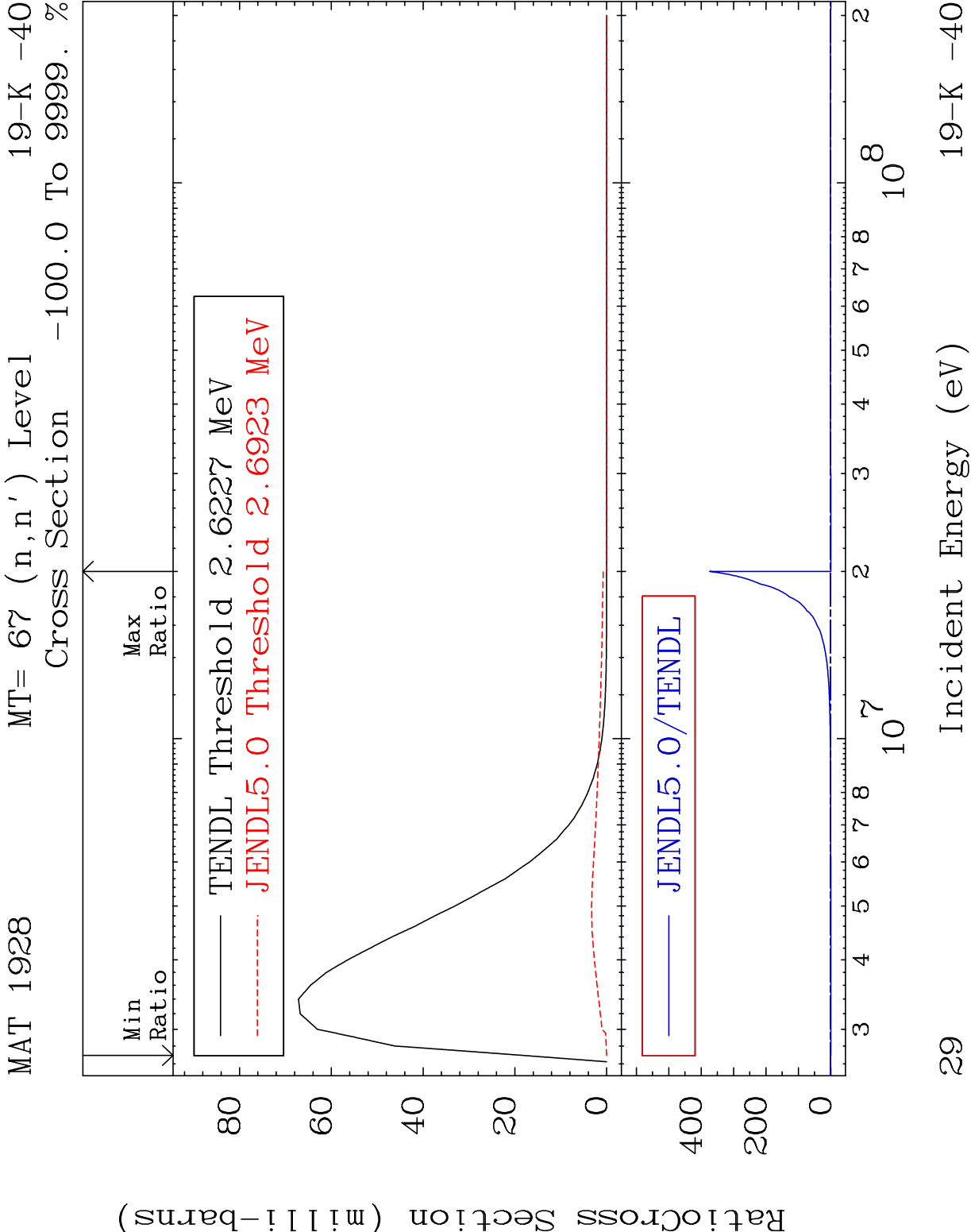
MAT 1928 MT= 63 (n,n') Level 19-K -40
Cross Section -100.0 To 9999. %

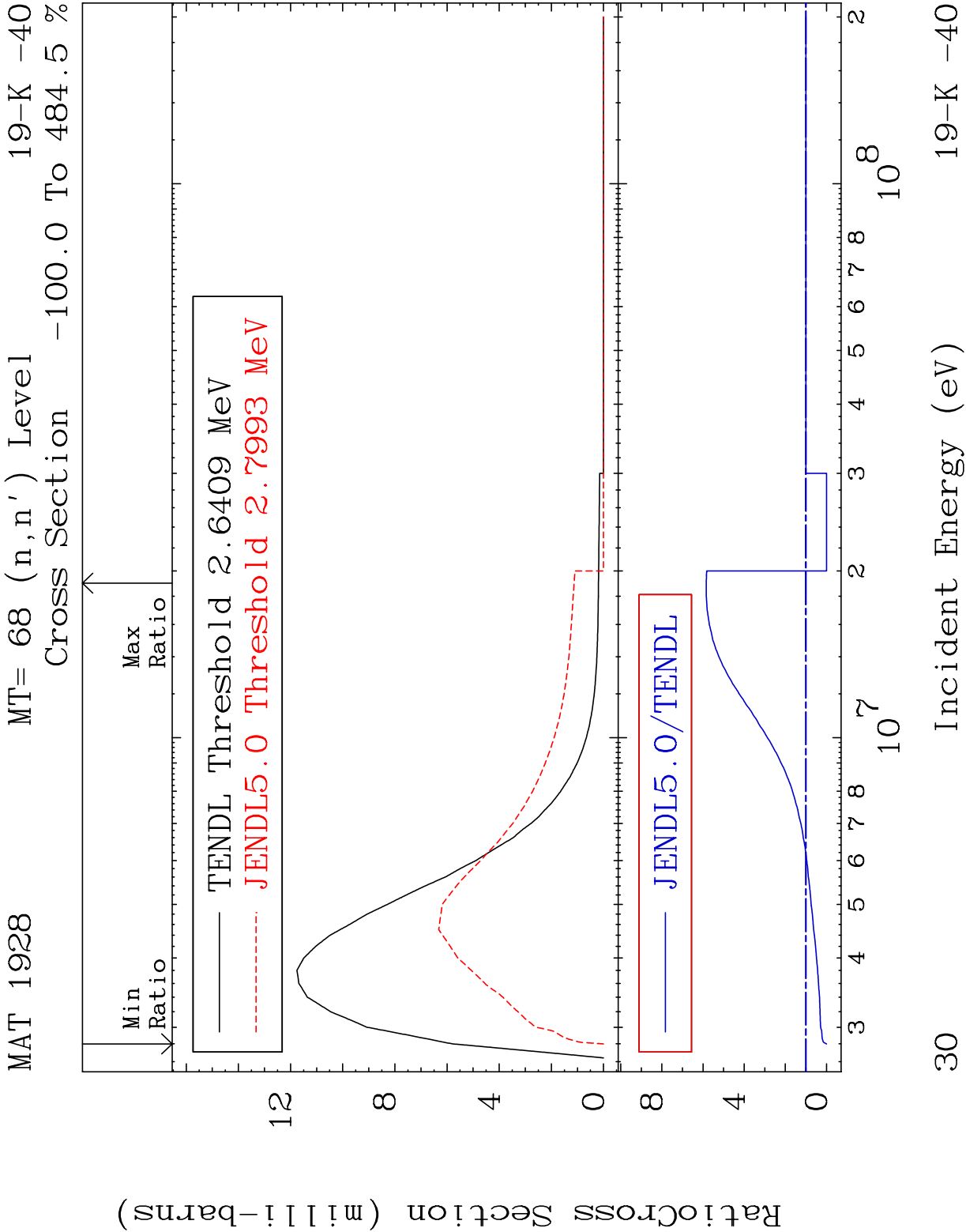


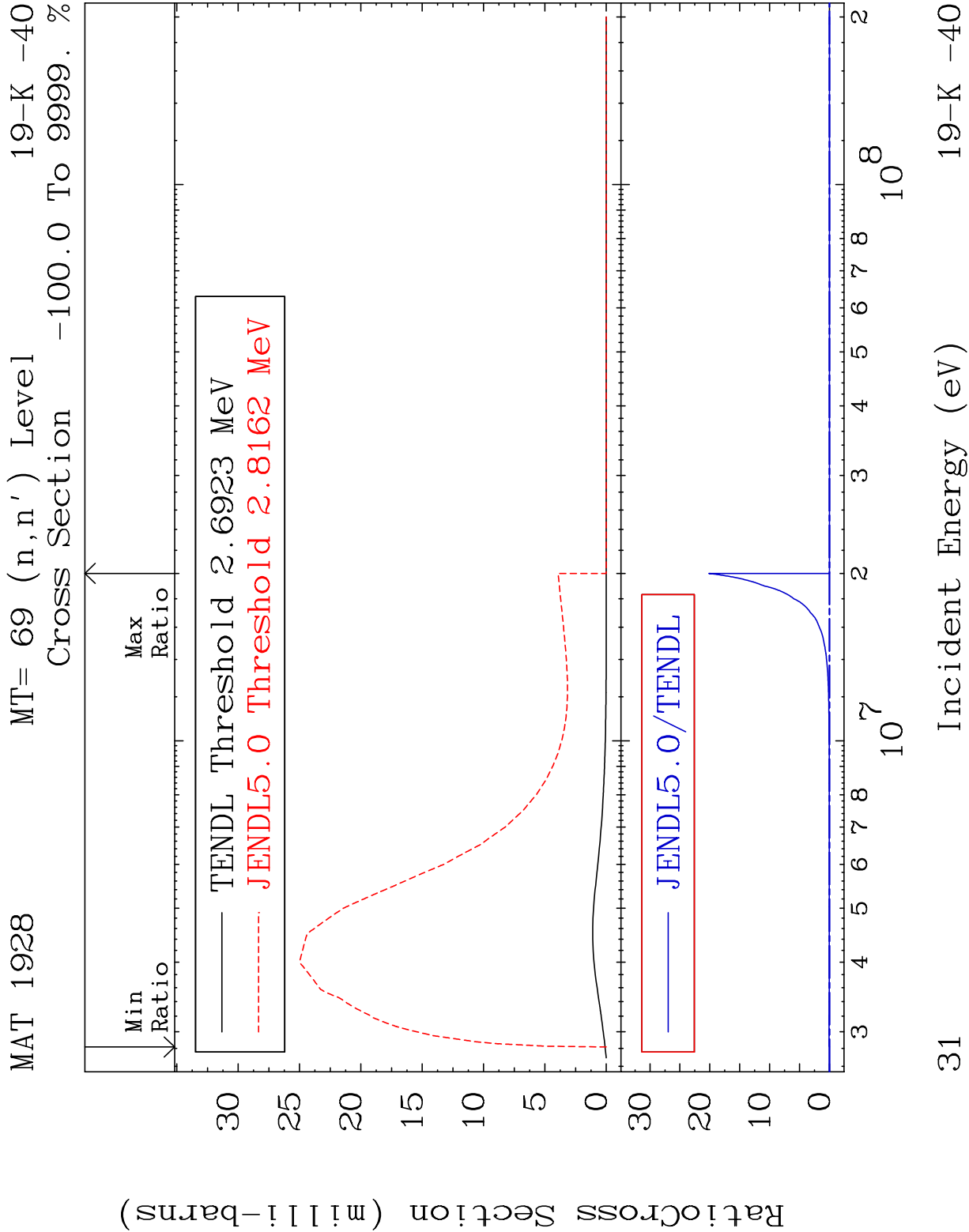


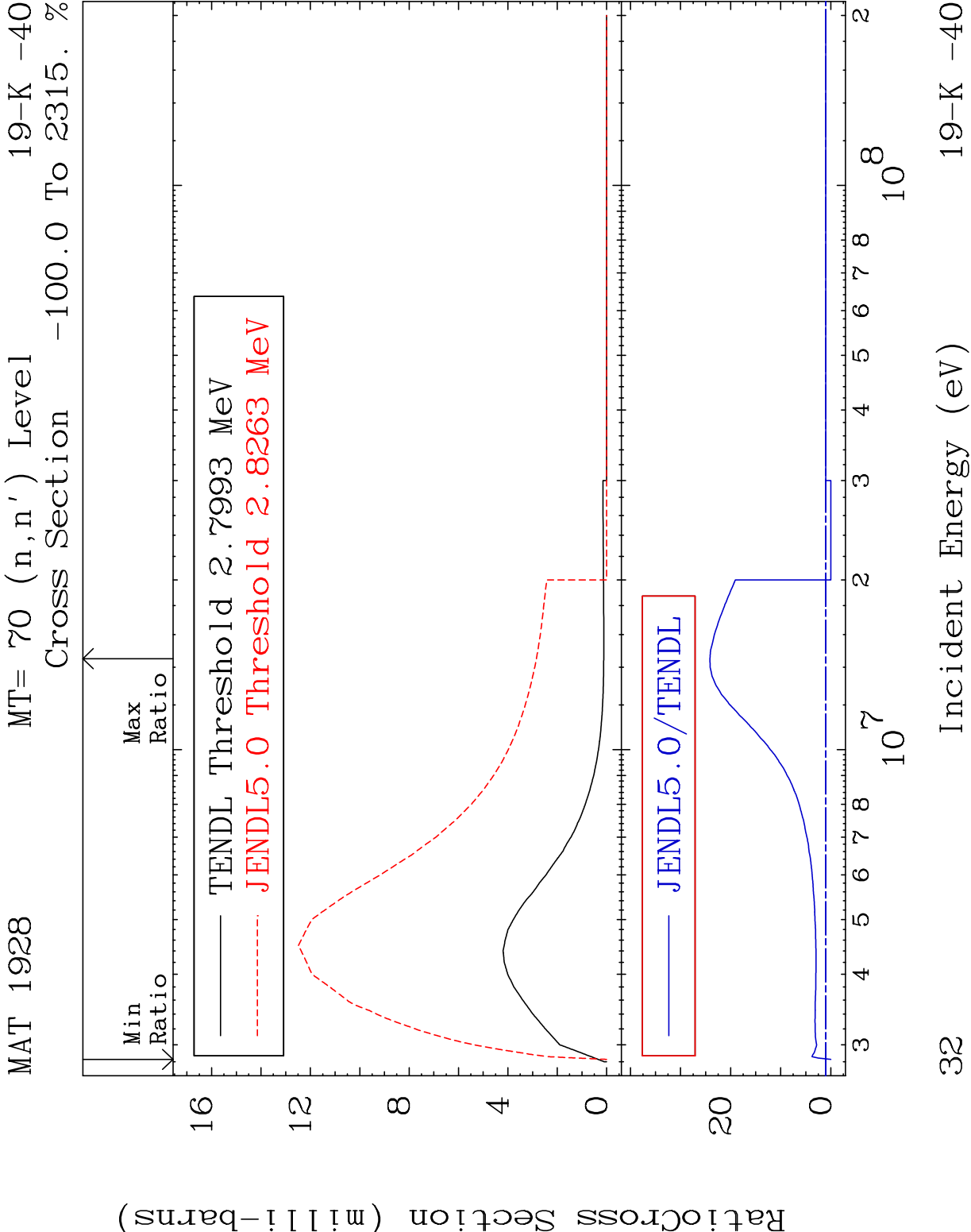










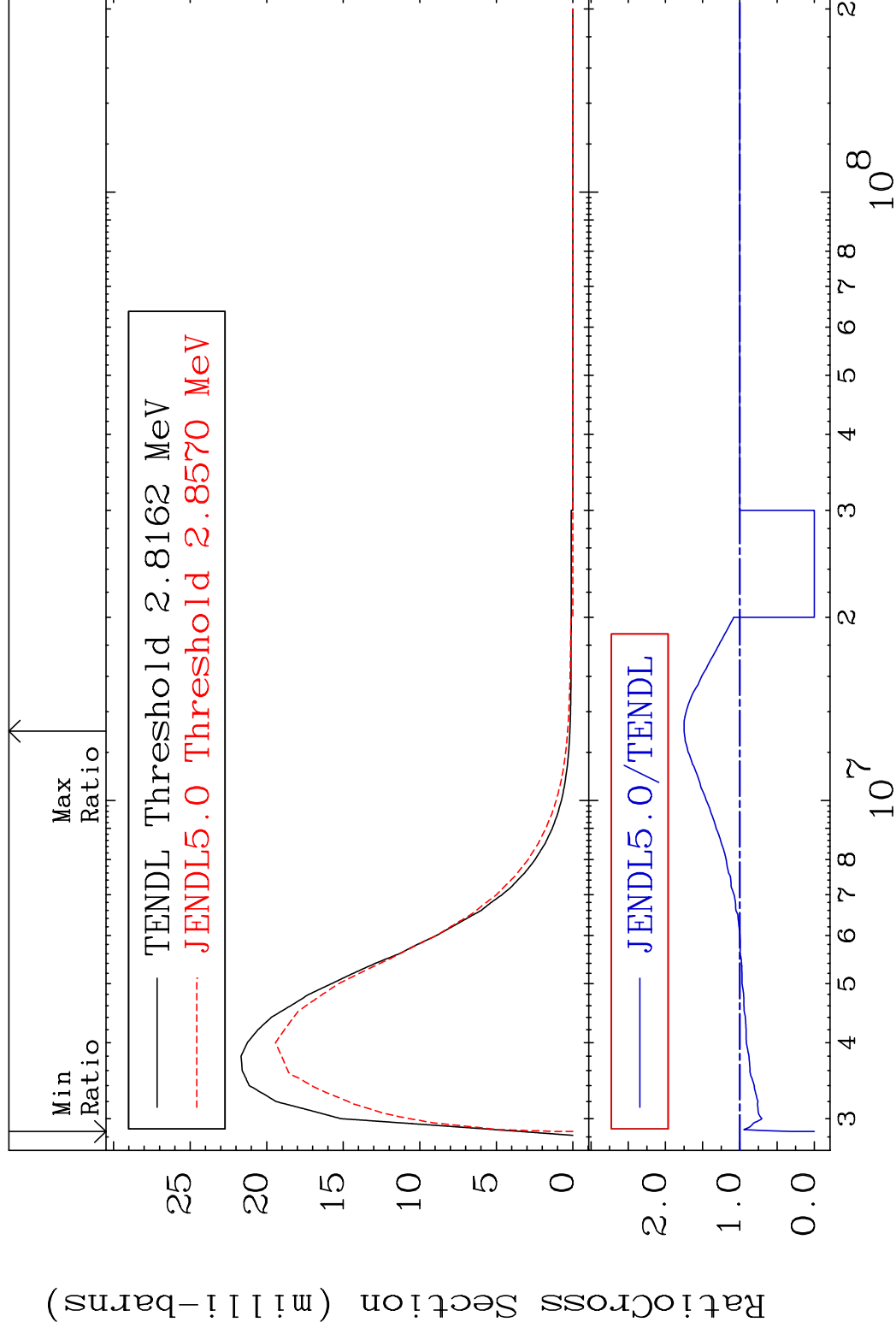


MAT 1928

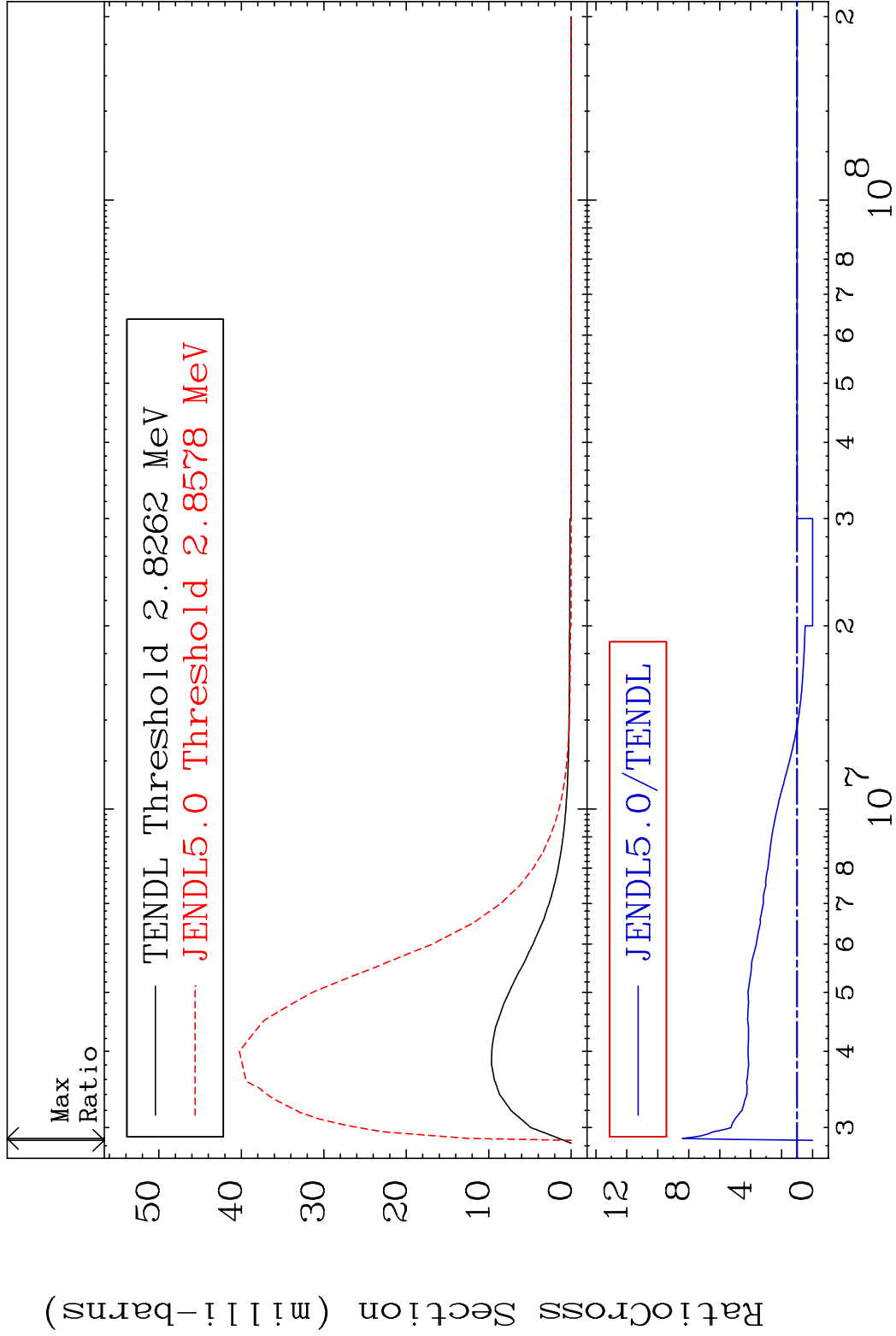
MT= $\gamma_1(n, n')$ Level

19-K -40

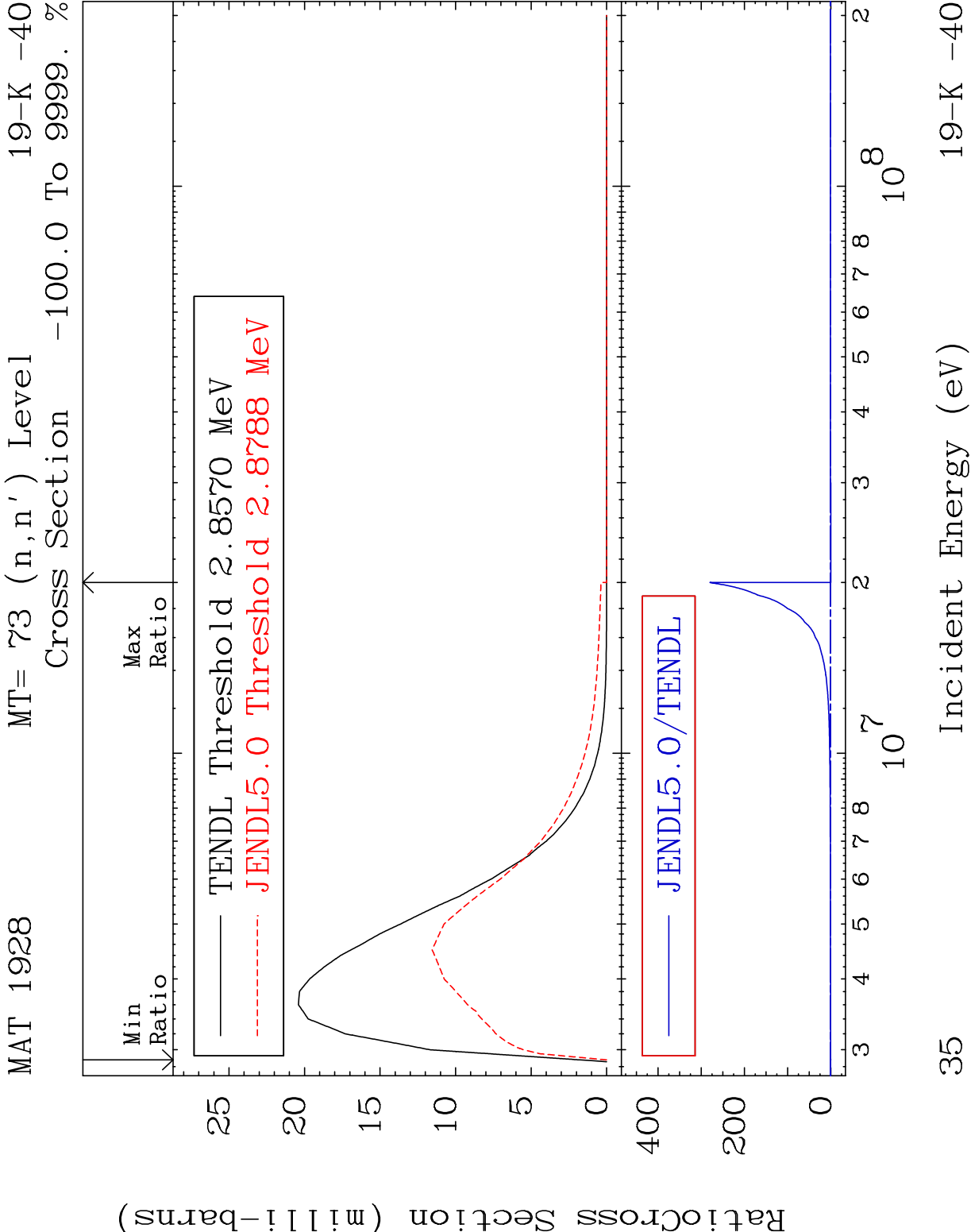
Cross Section -100.0 To 74.97 %

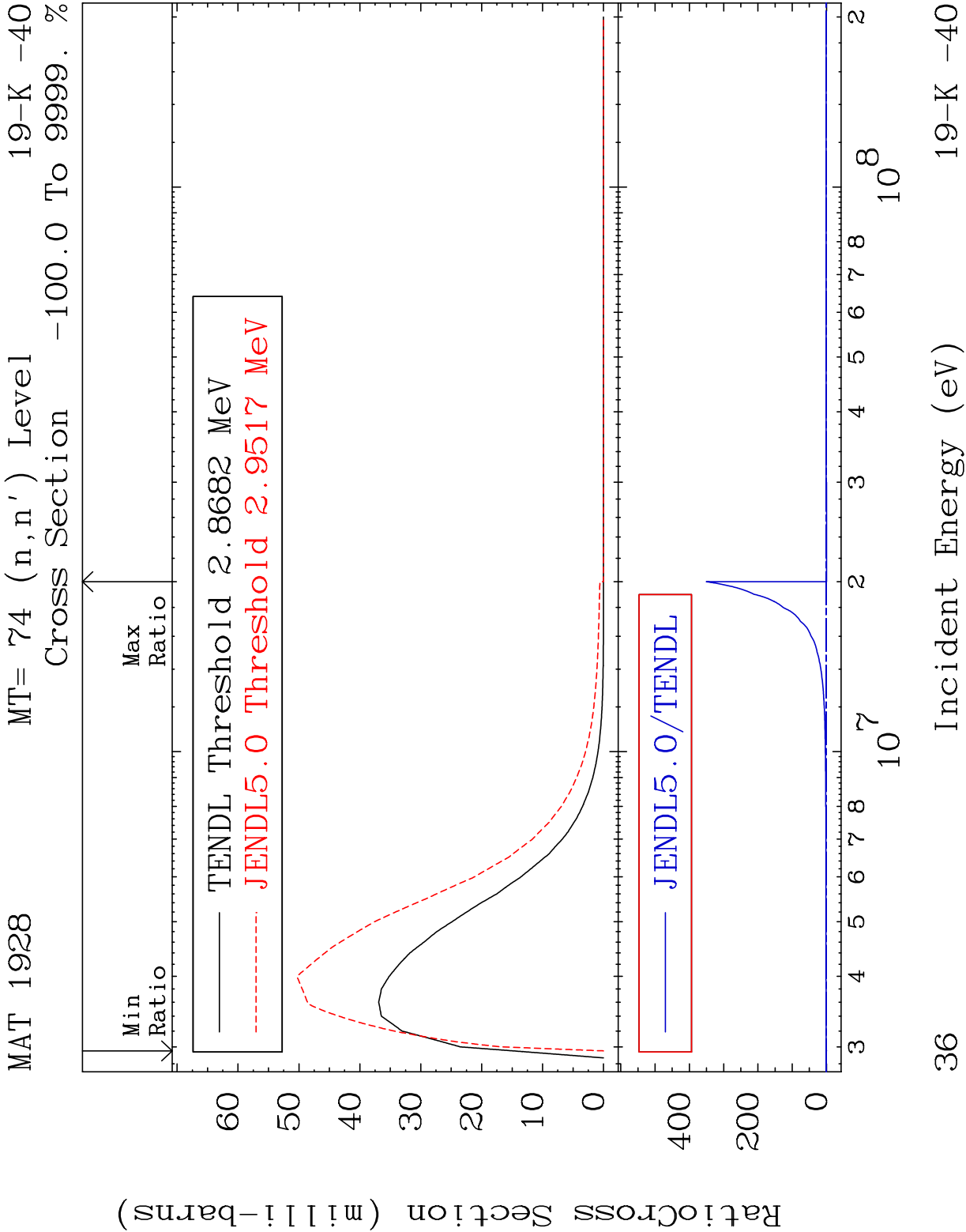


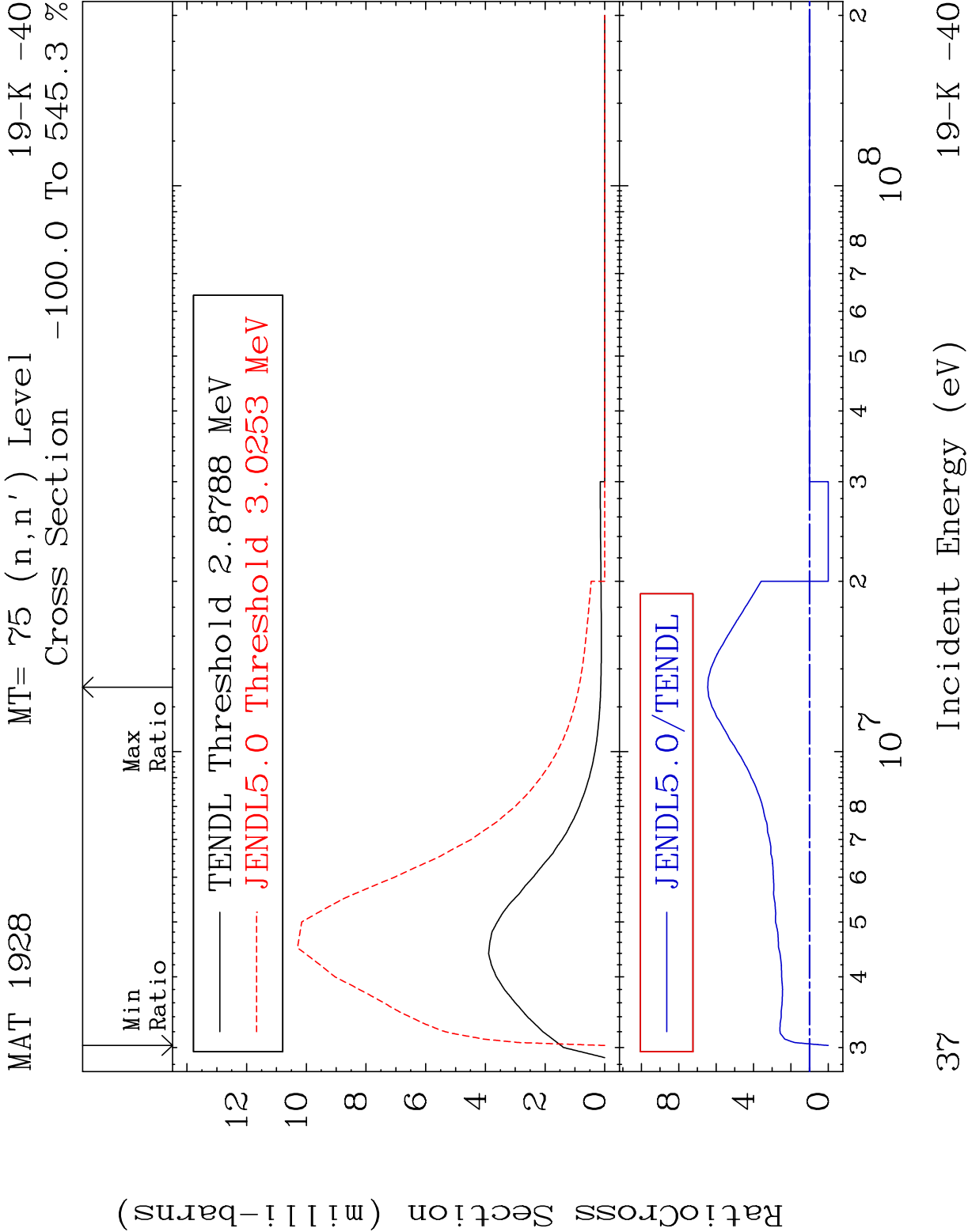
MAT 1928 MT= 72 (n,n') Level 19-K -40
Cross Section -100.0 To 741.2 %

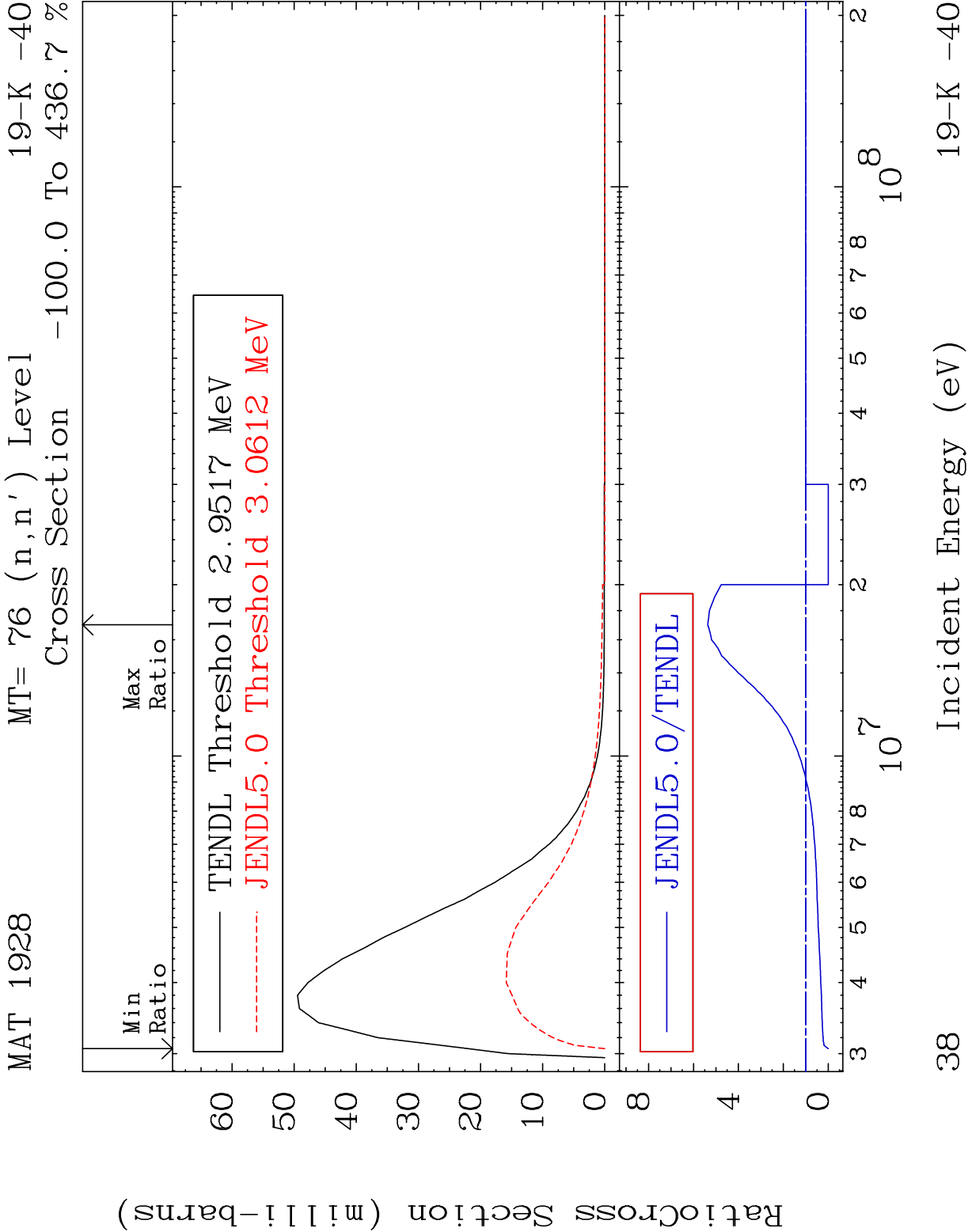


34 Incident Energy (eV) 19-K -40

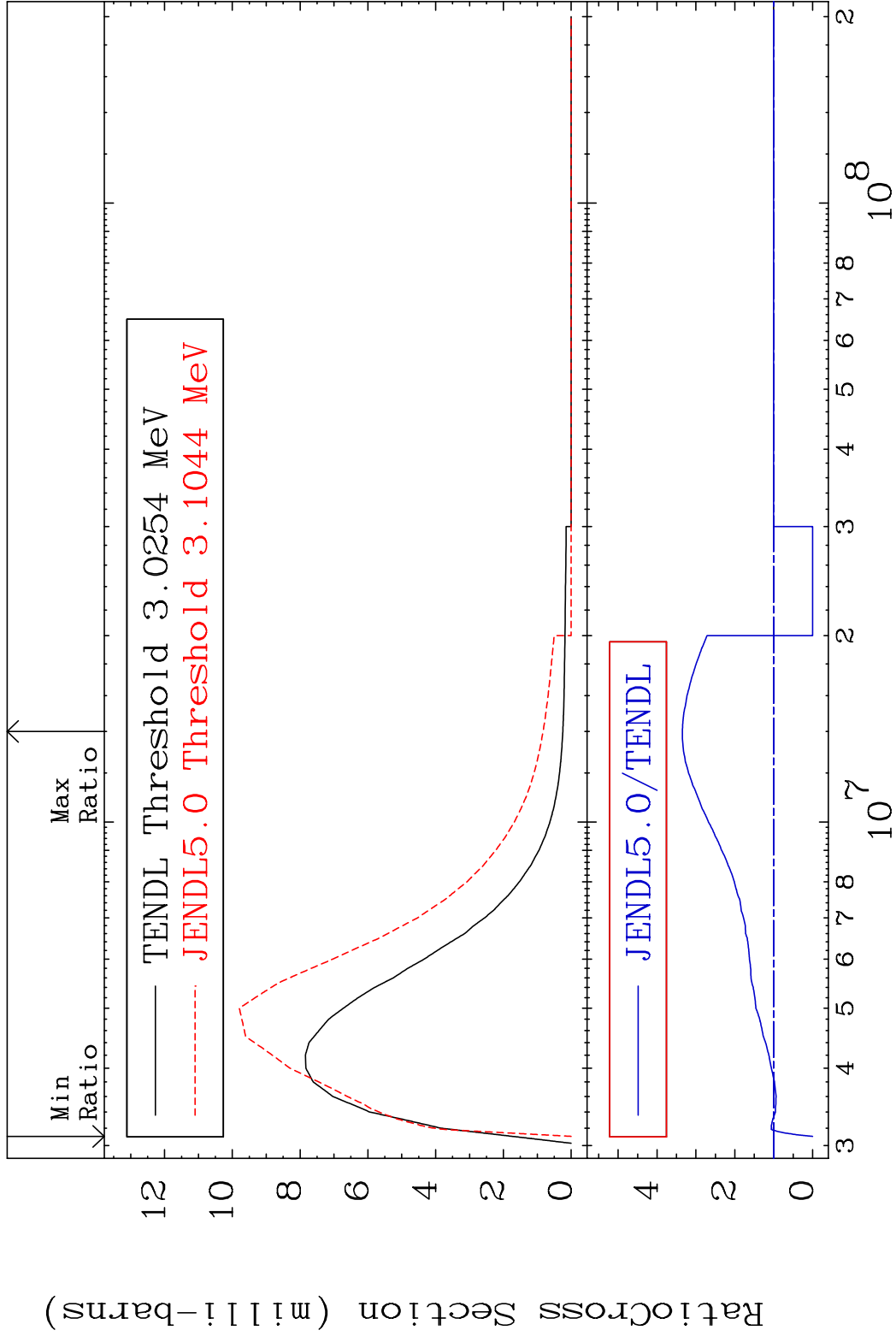




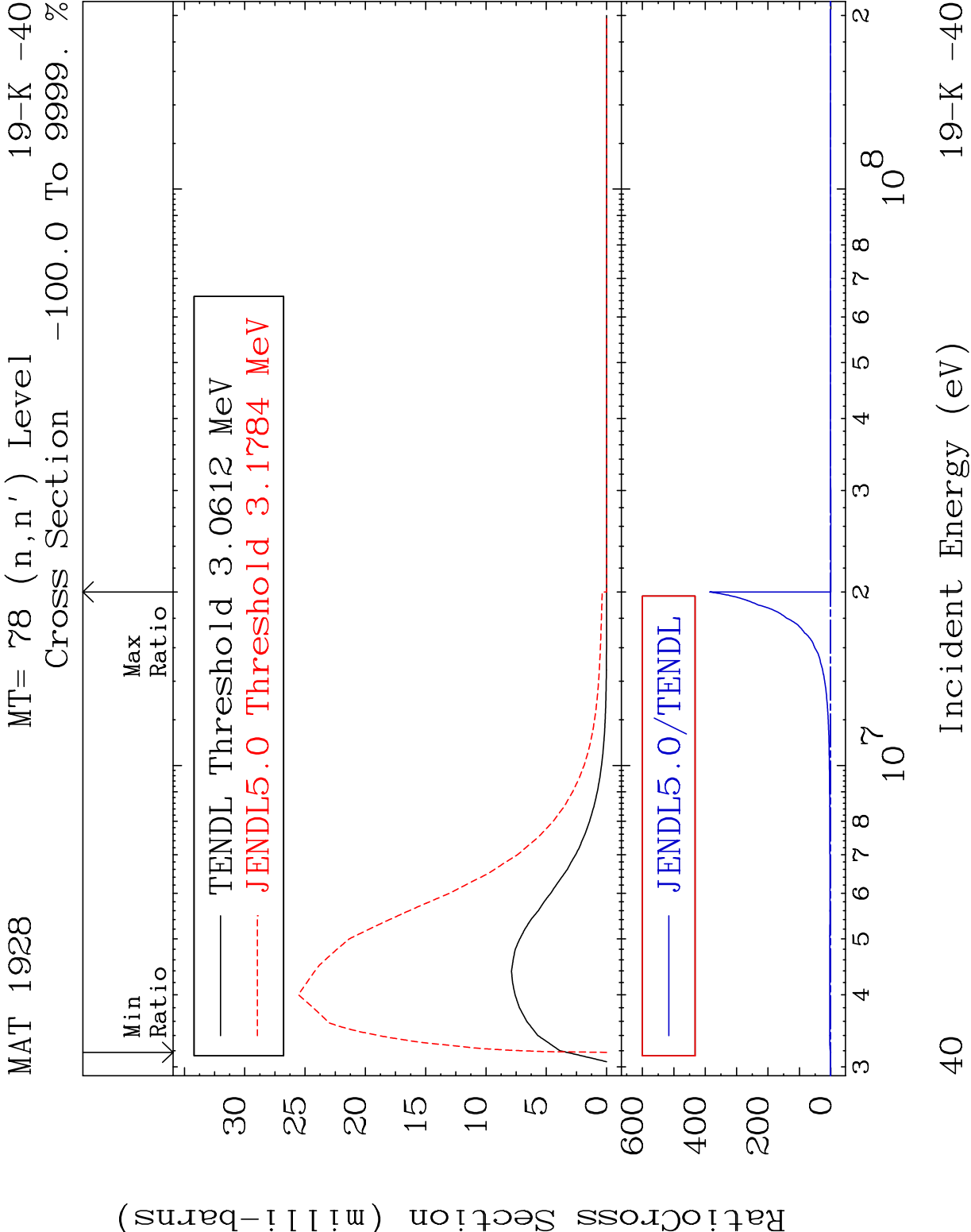


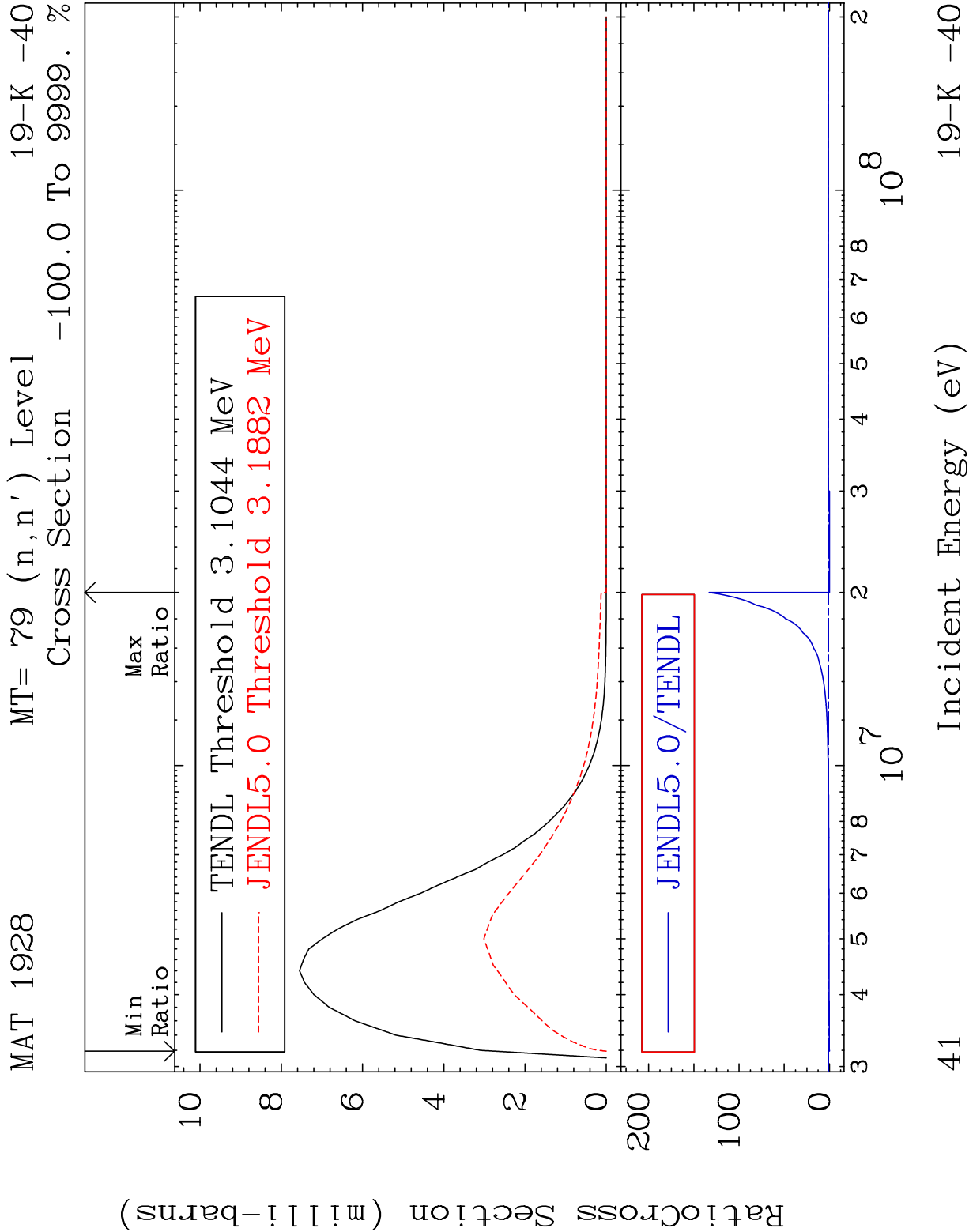


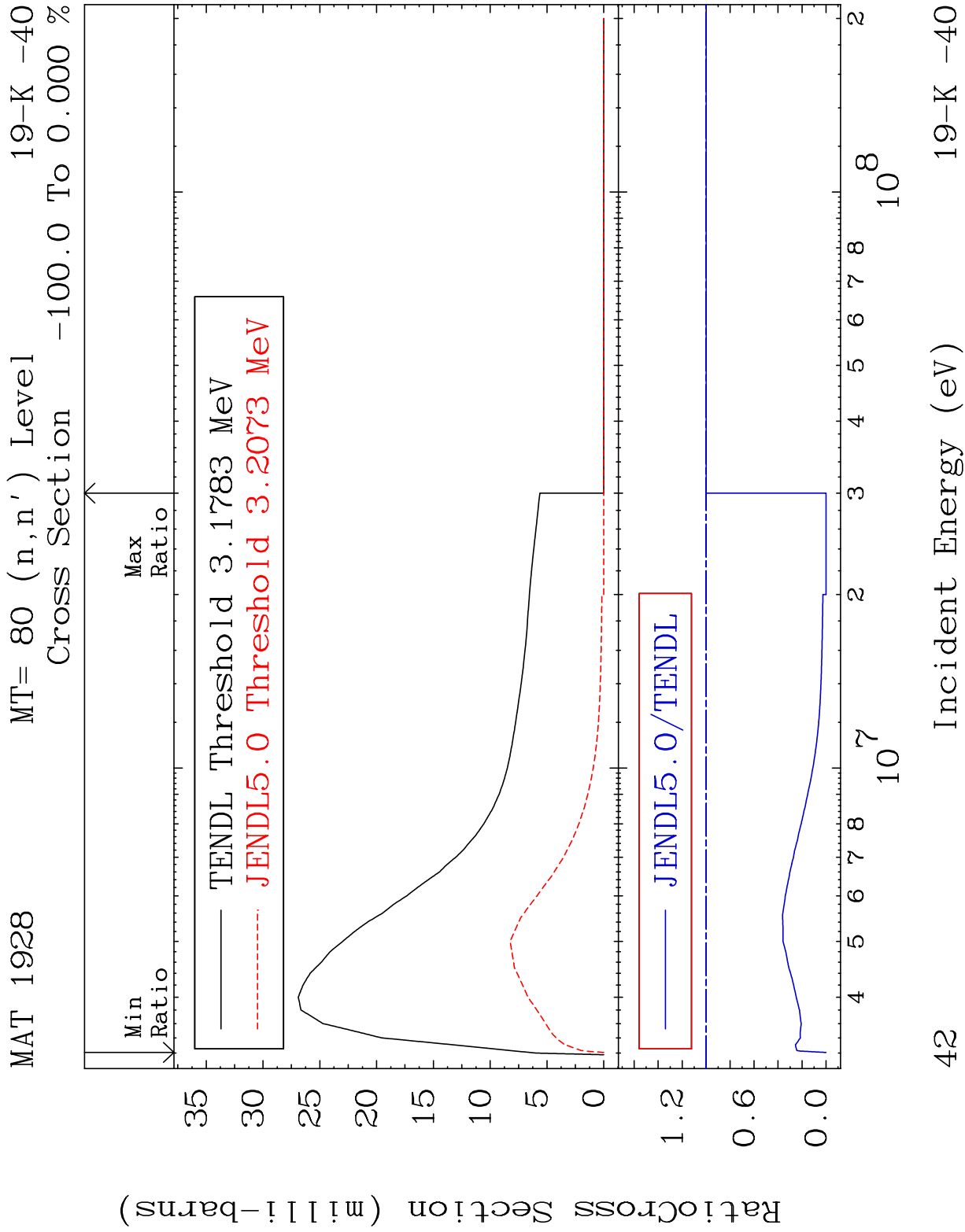
MAT 1928 MT= 77 (n,n') Level 19-K -40
Cross Section -100.0 To 234.9 %

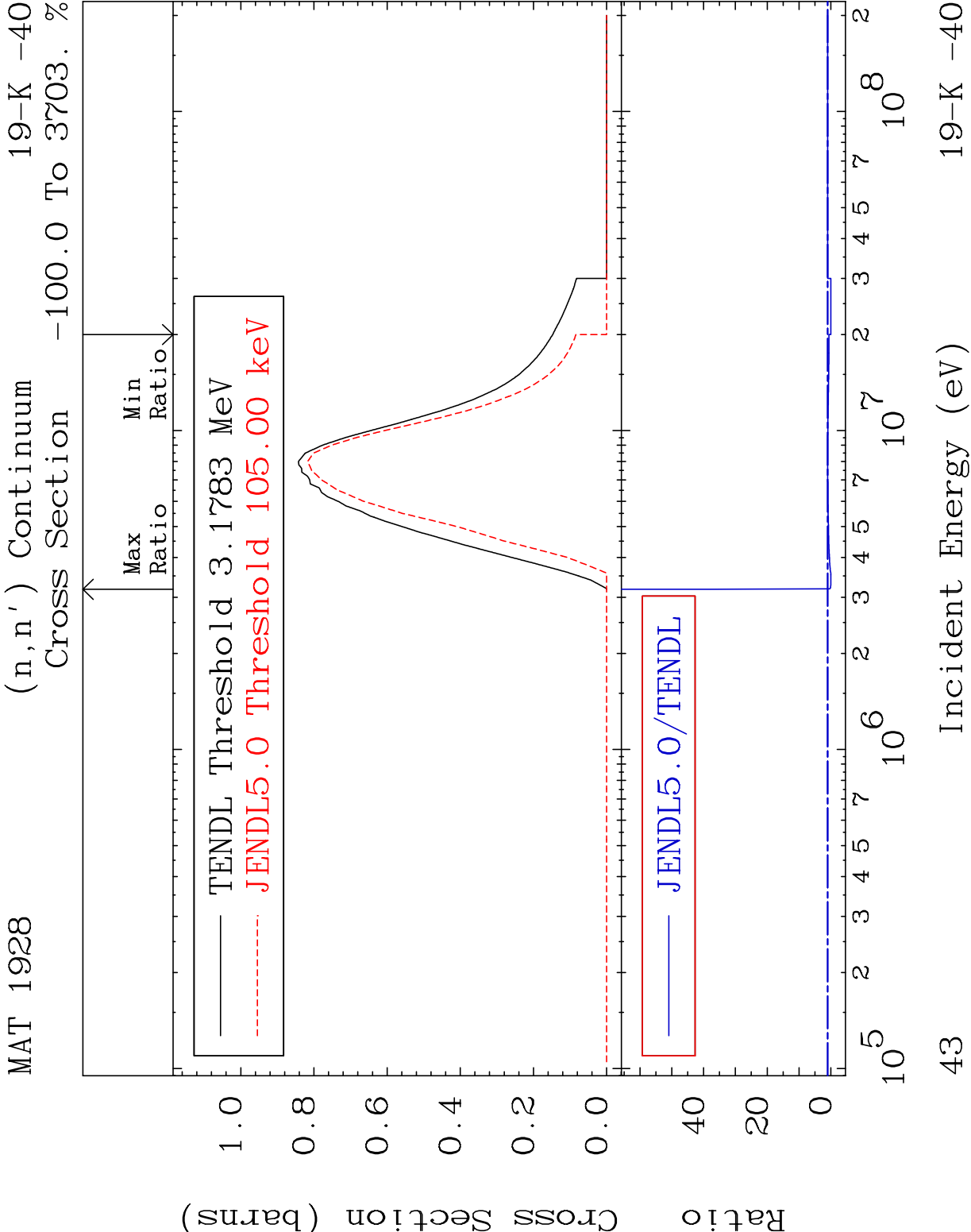


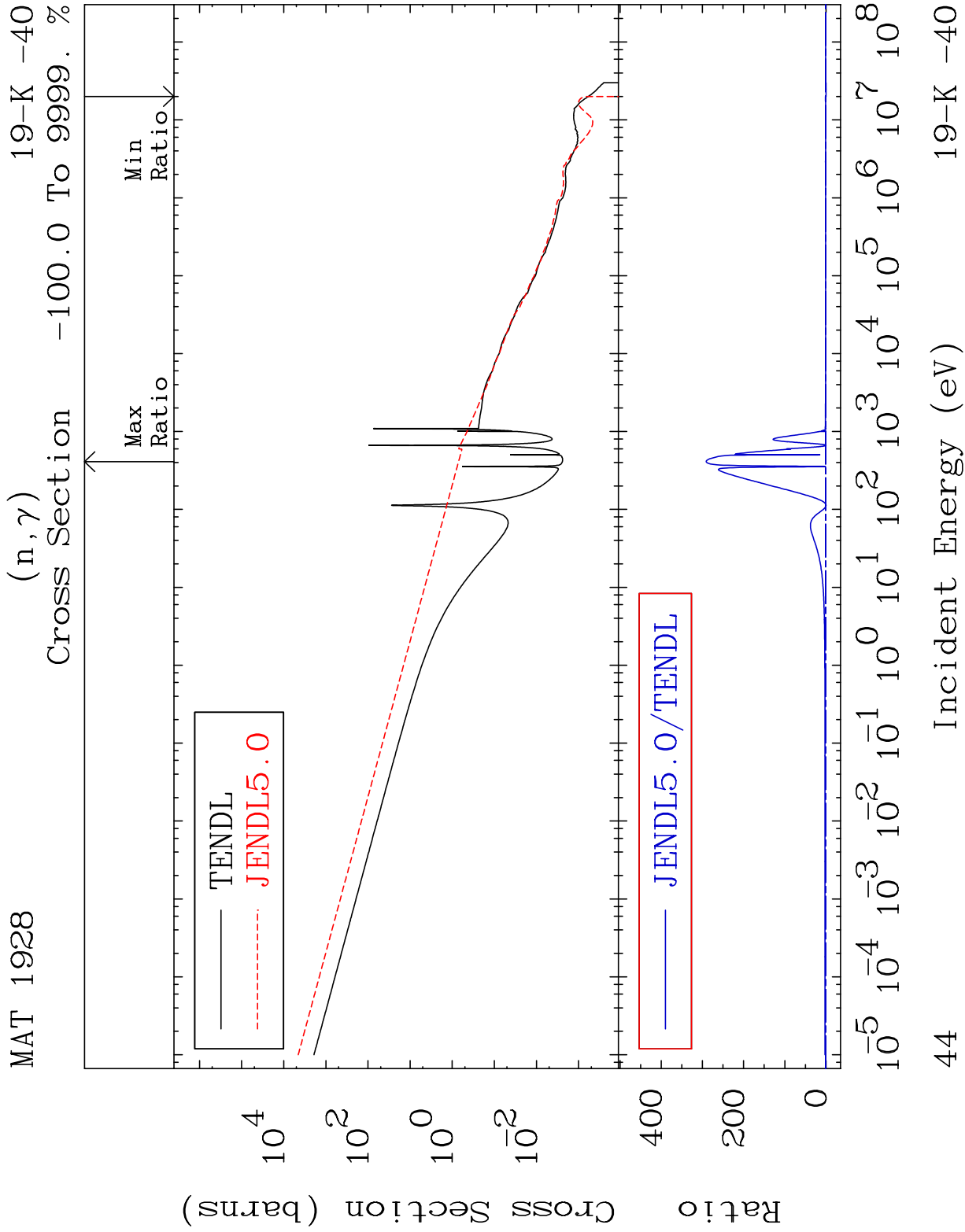
39 Incident Energy (eV) 19-K -40

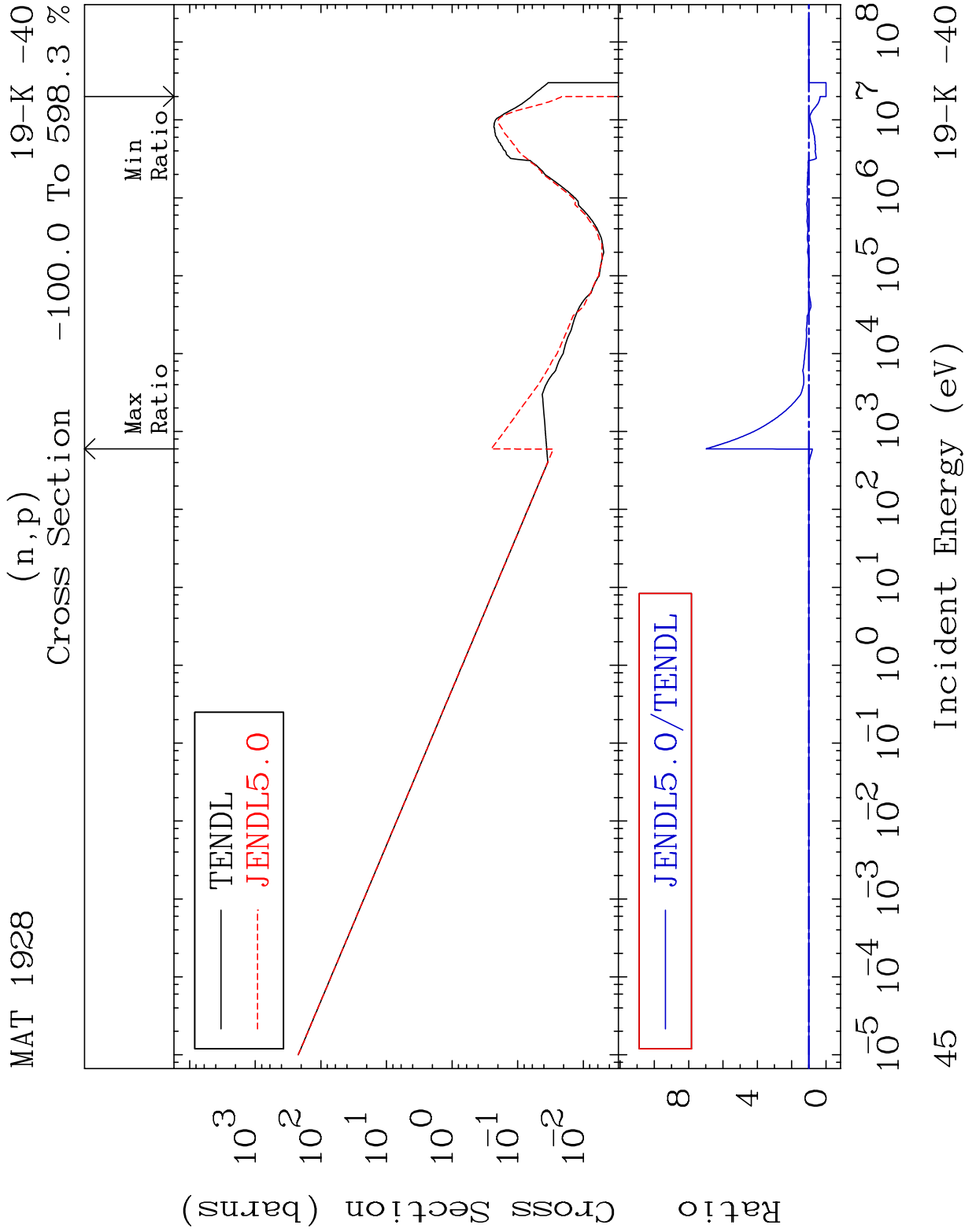


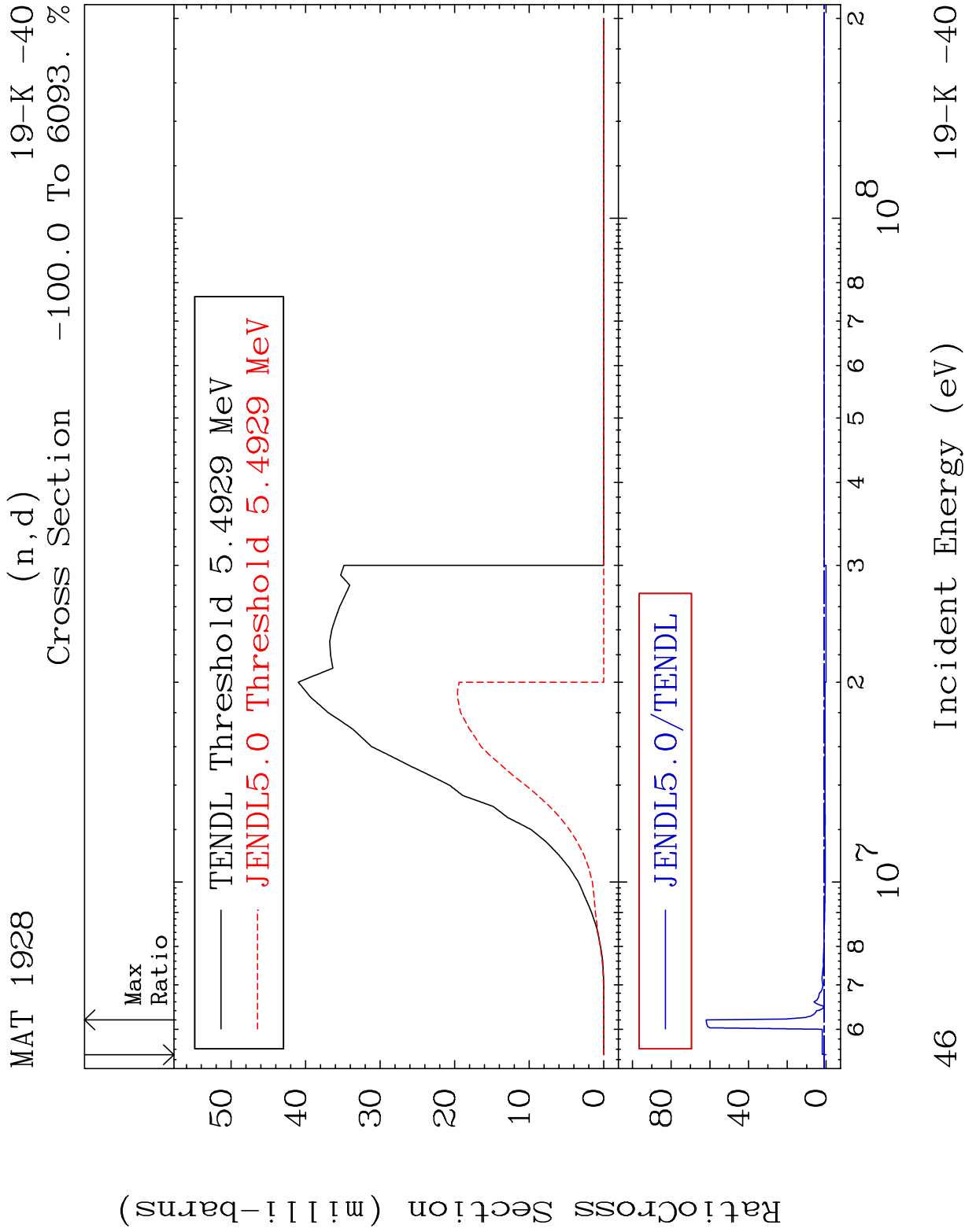


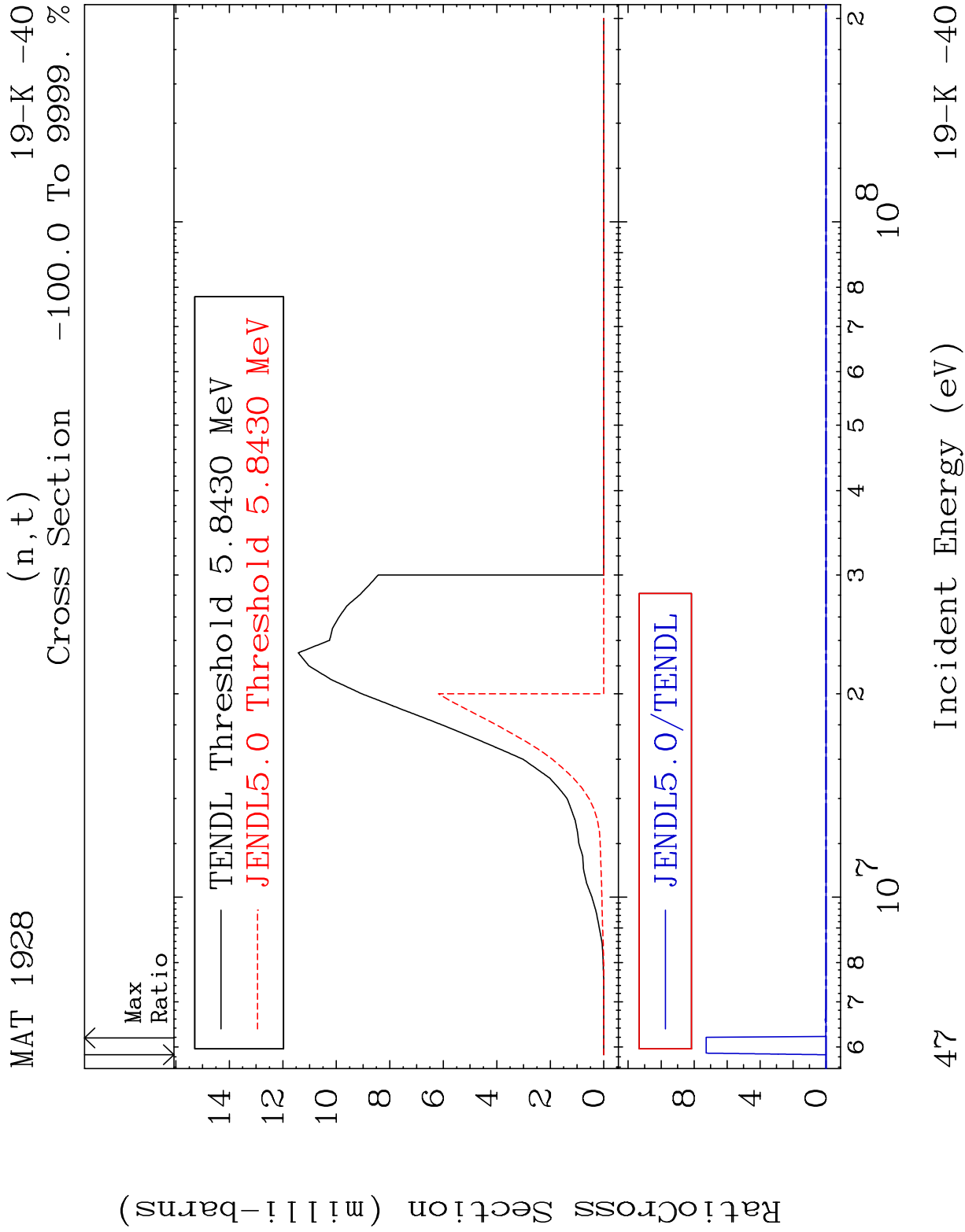


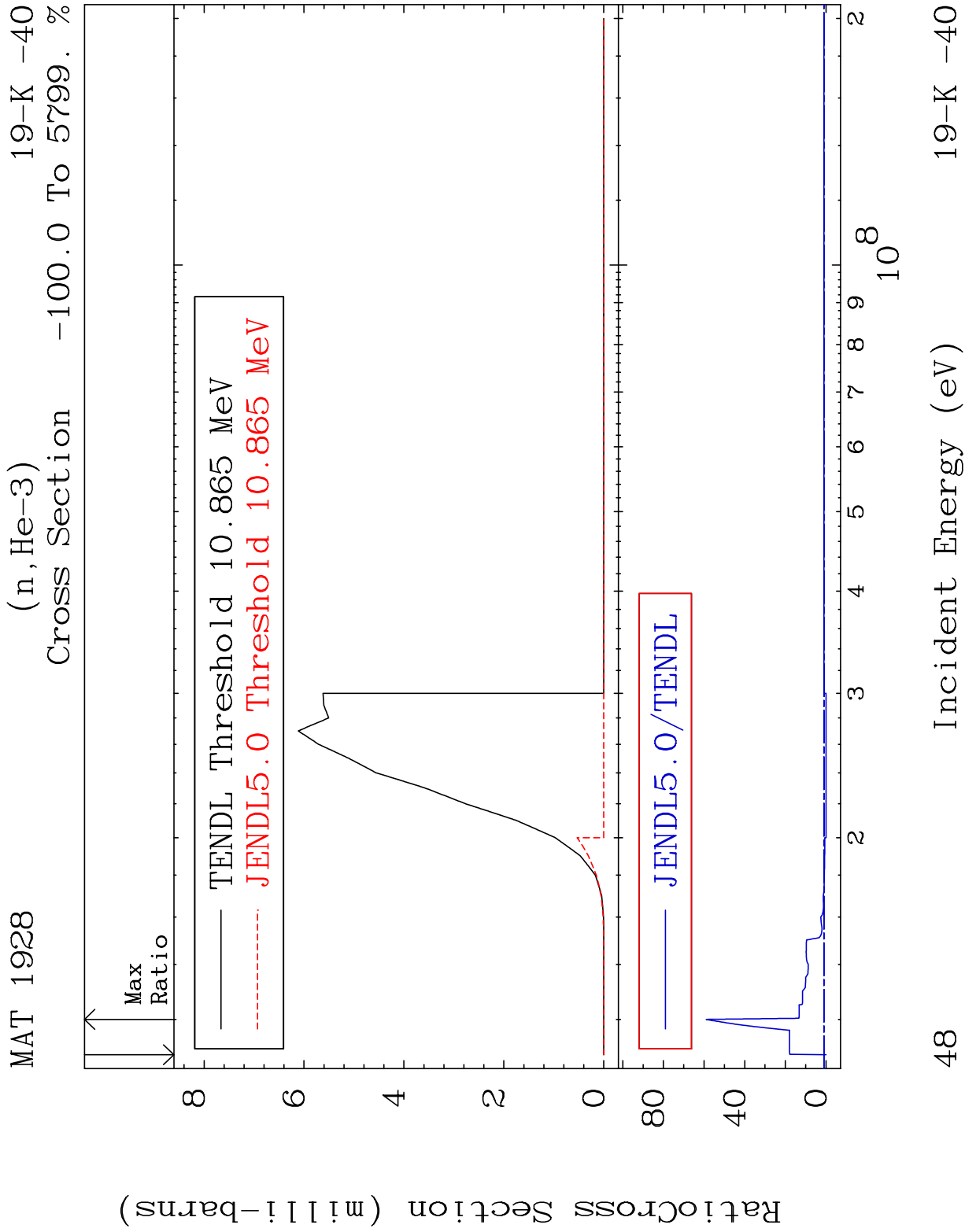


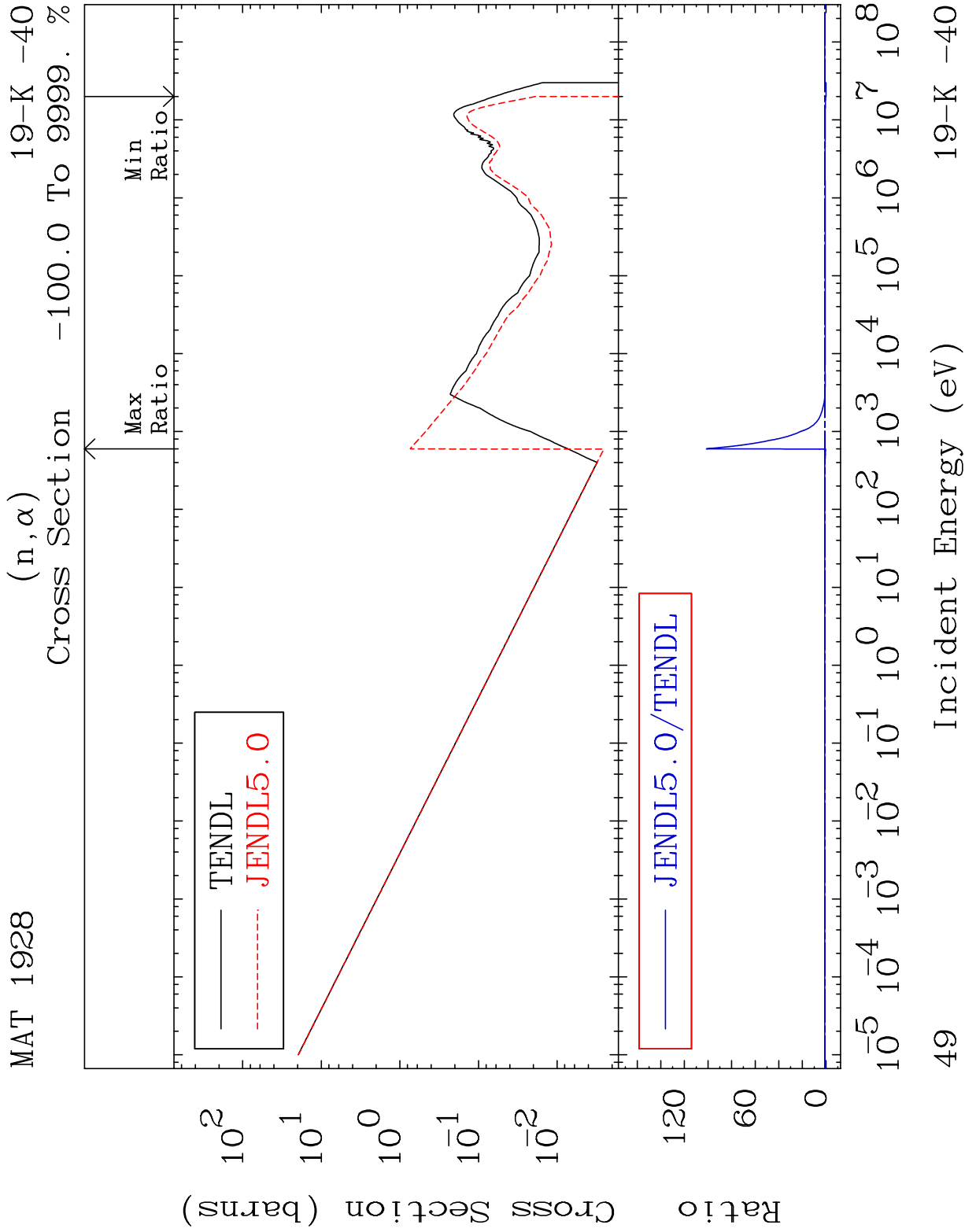


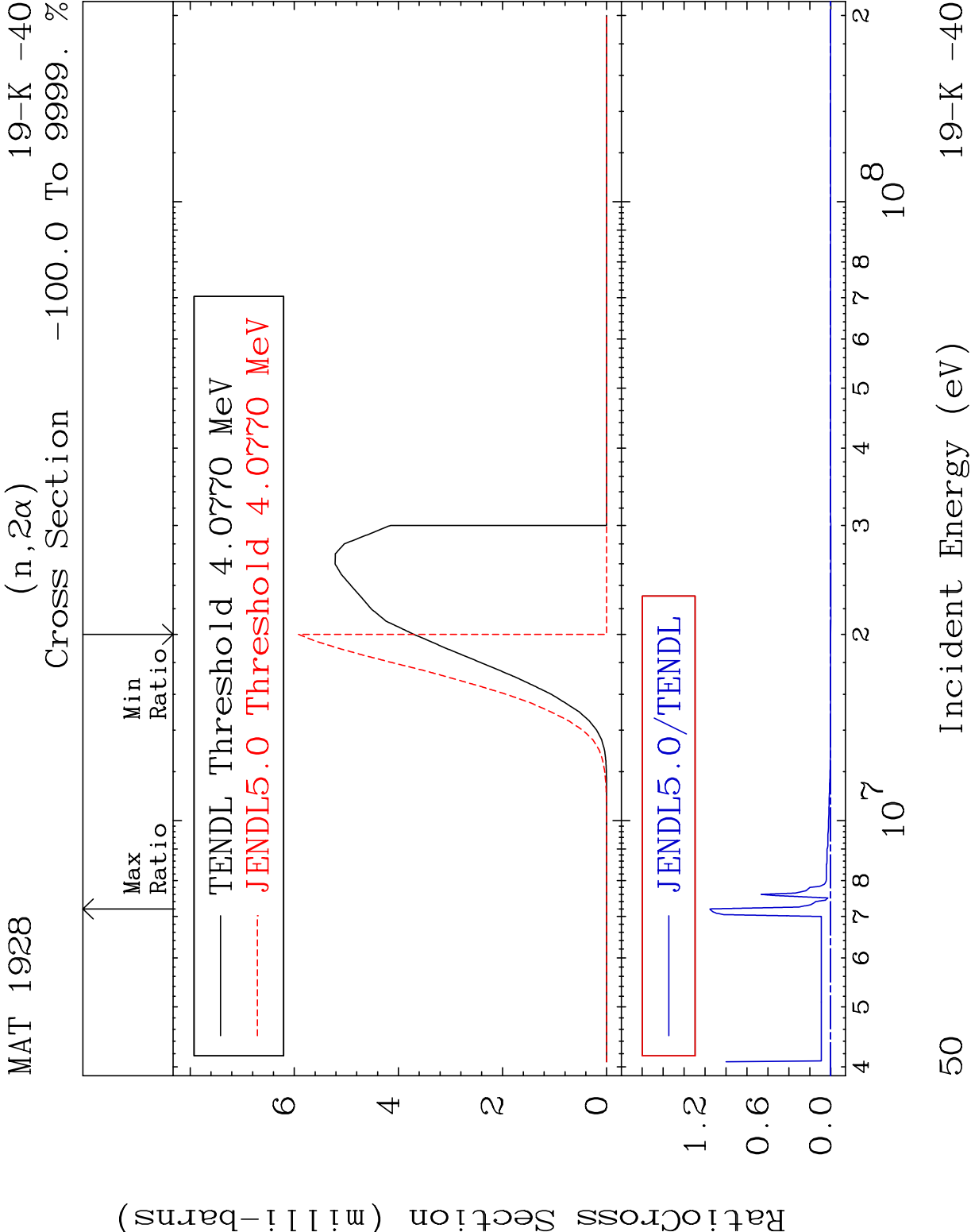


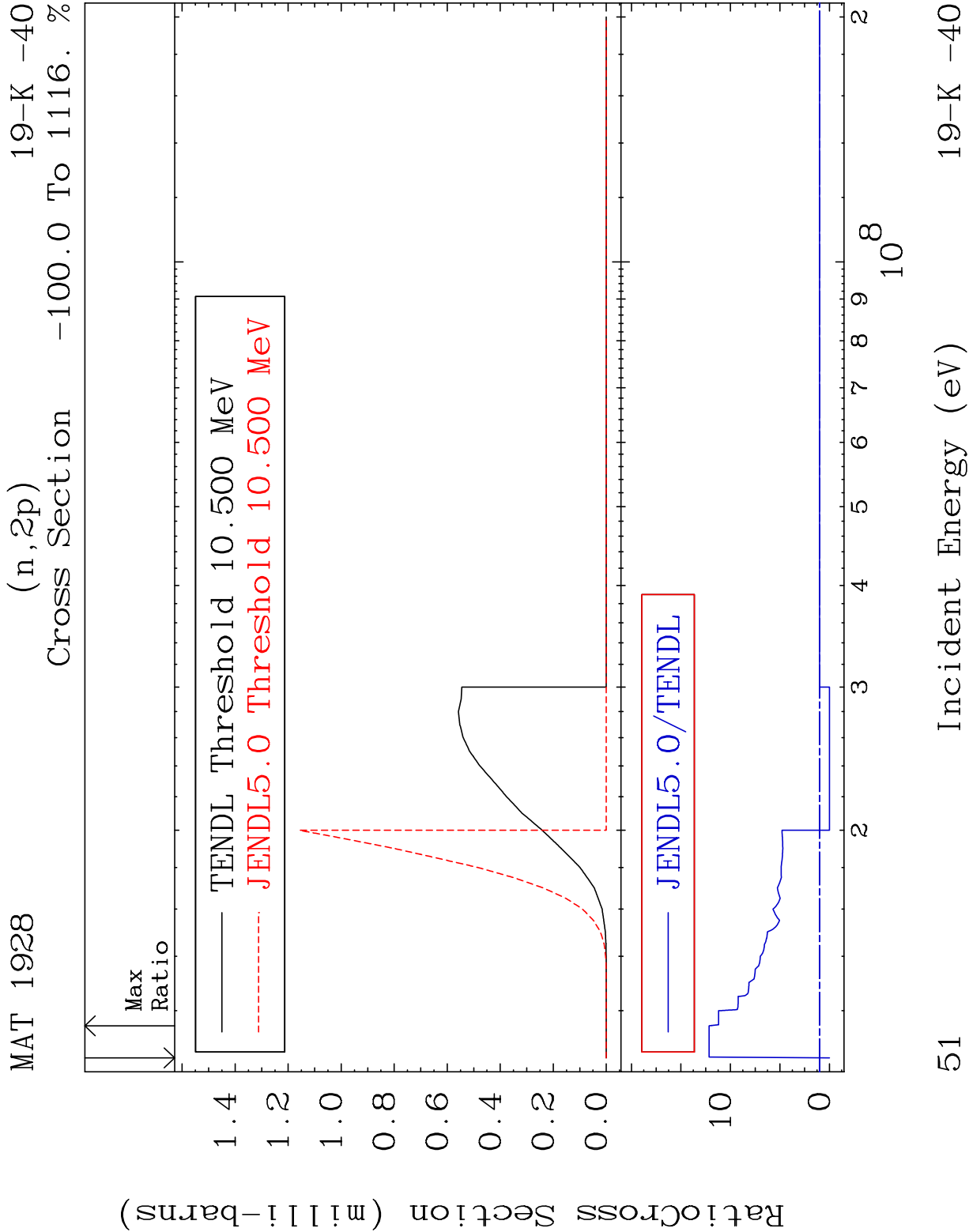


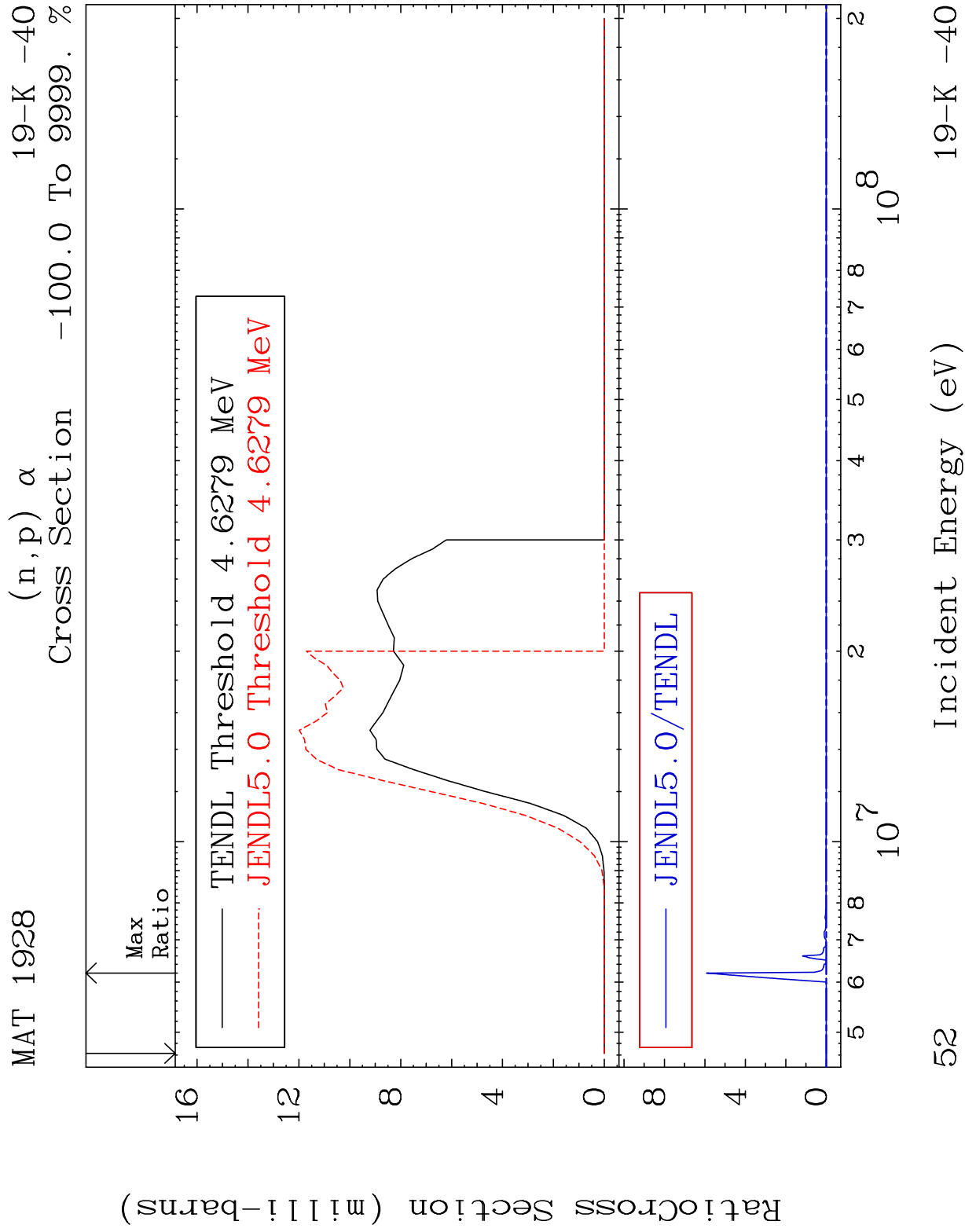


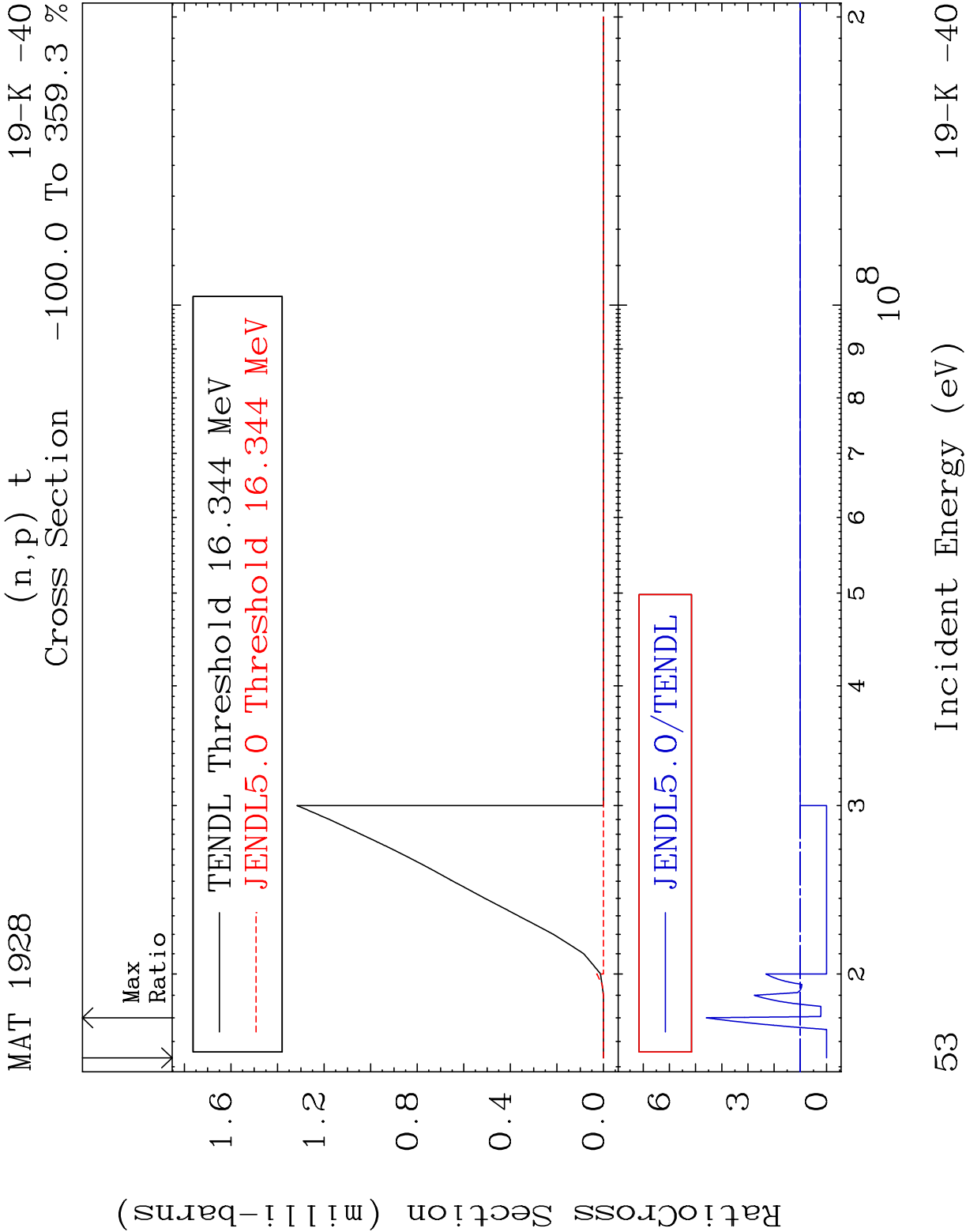


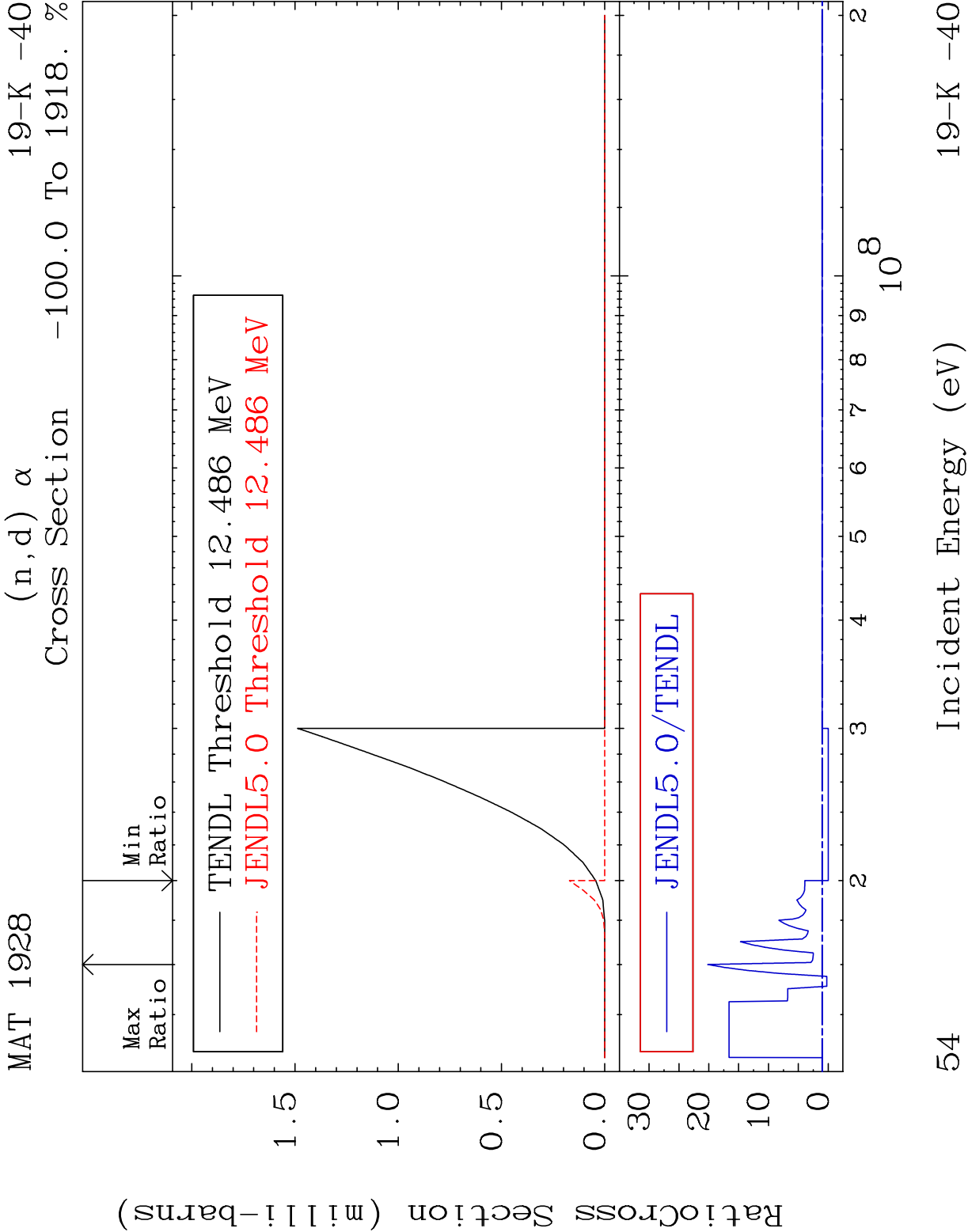


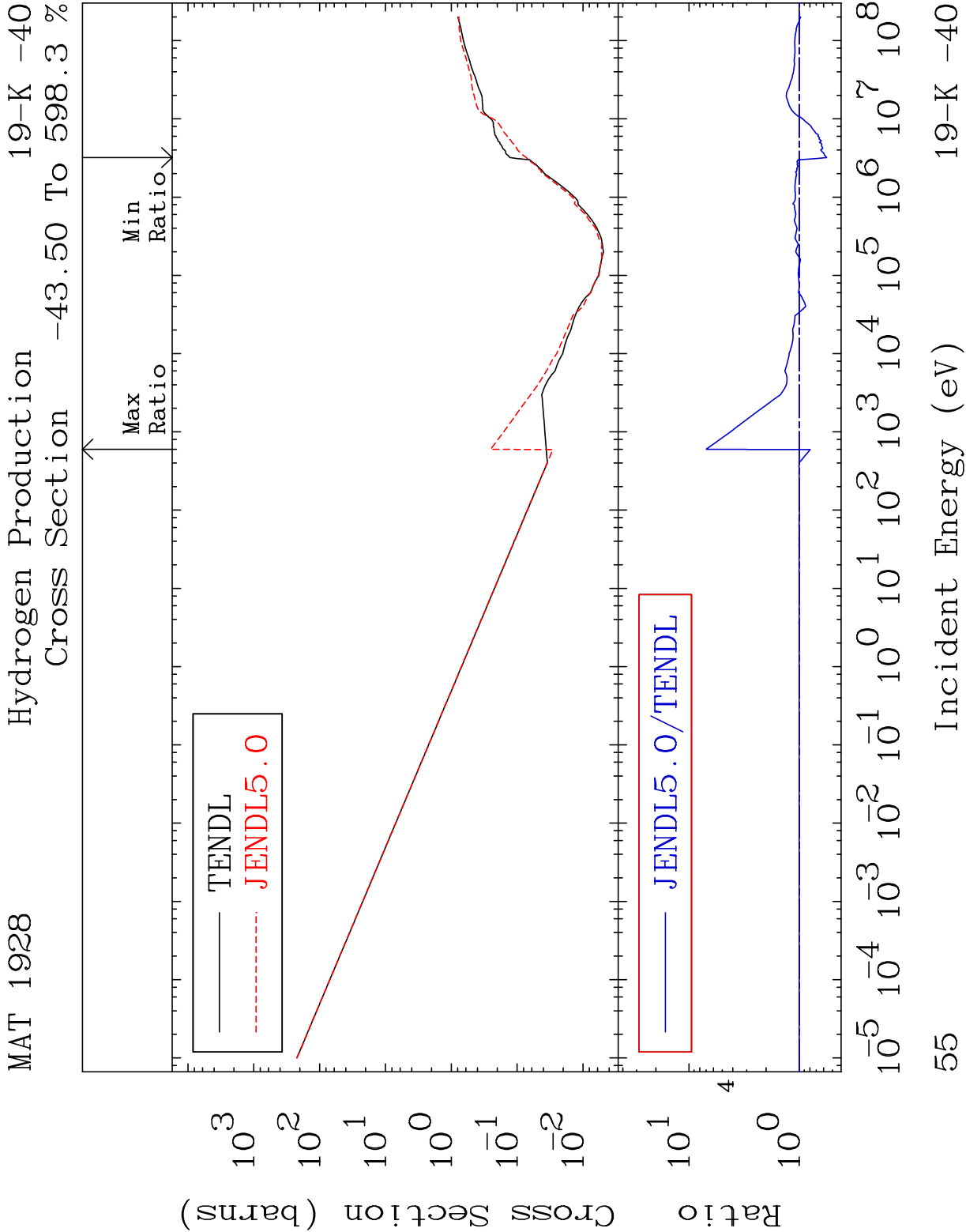


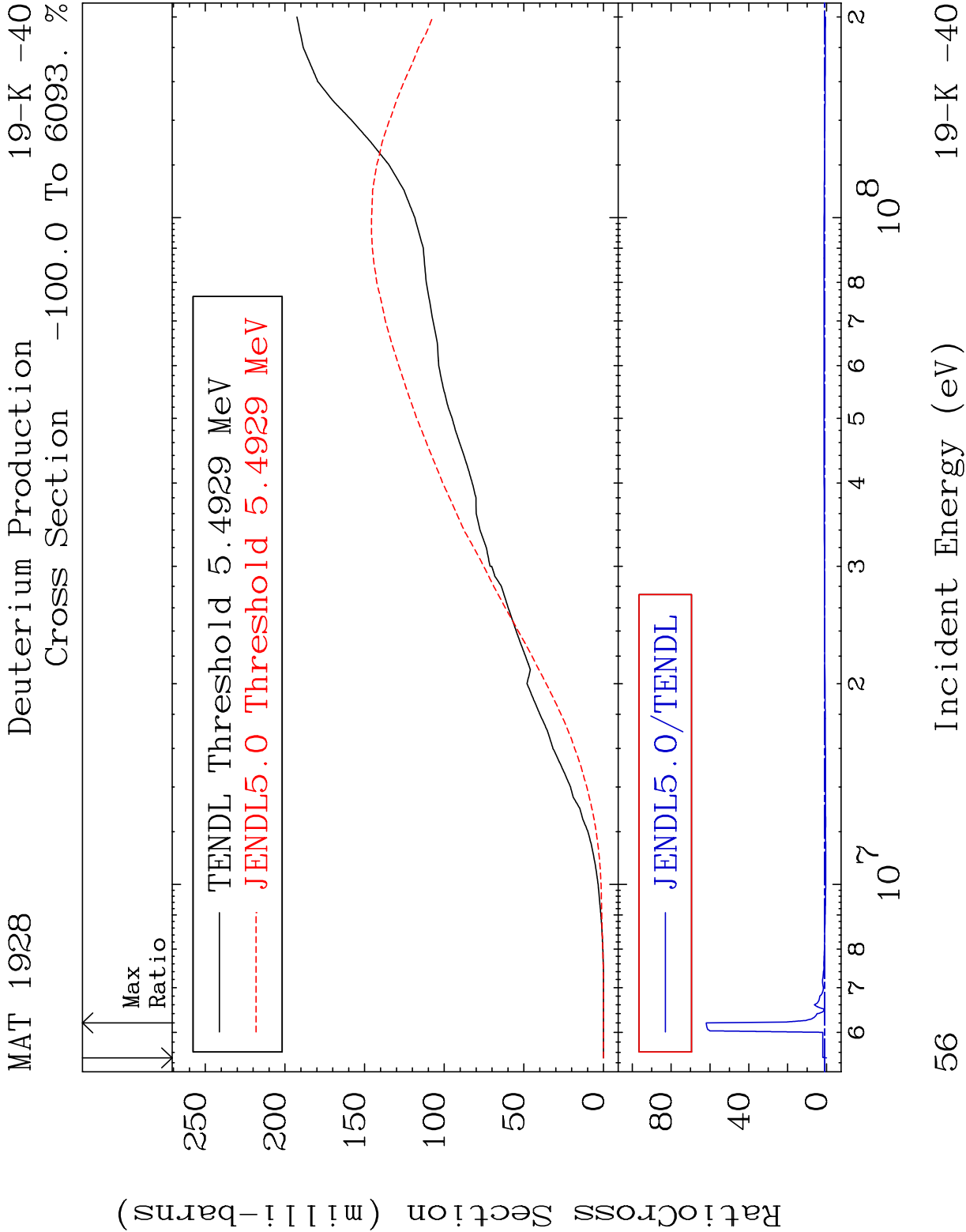


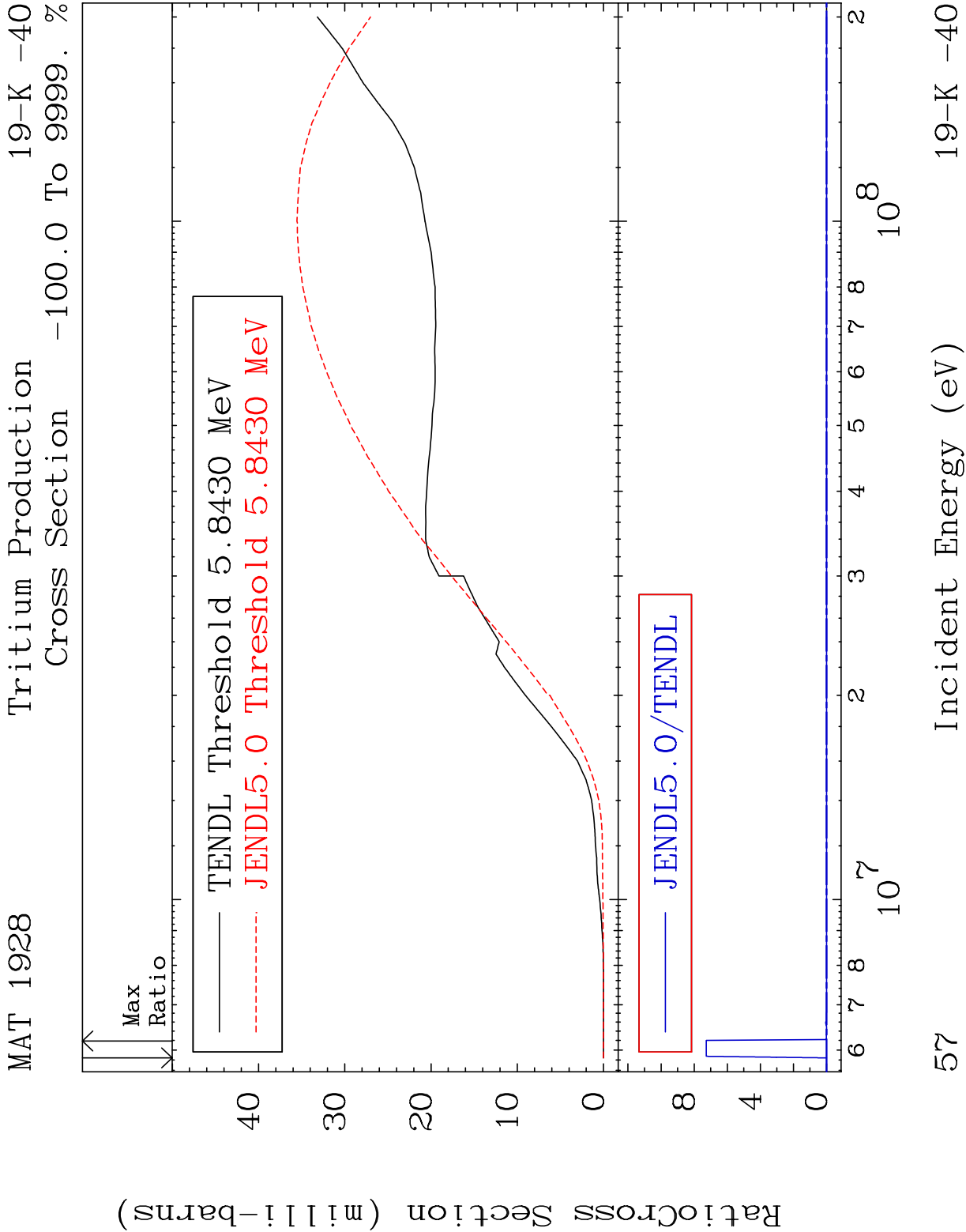


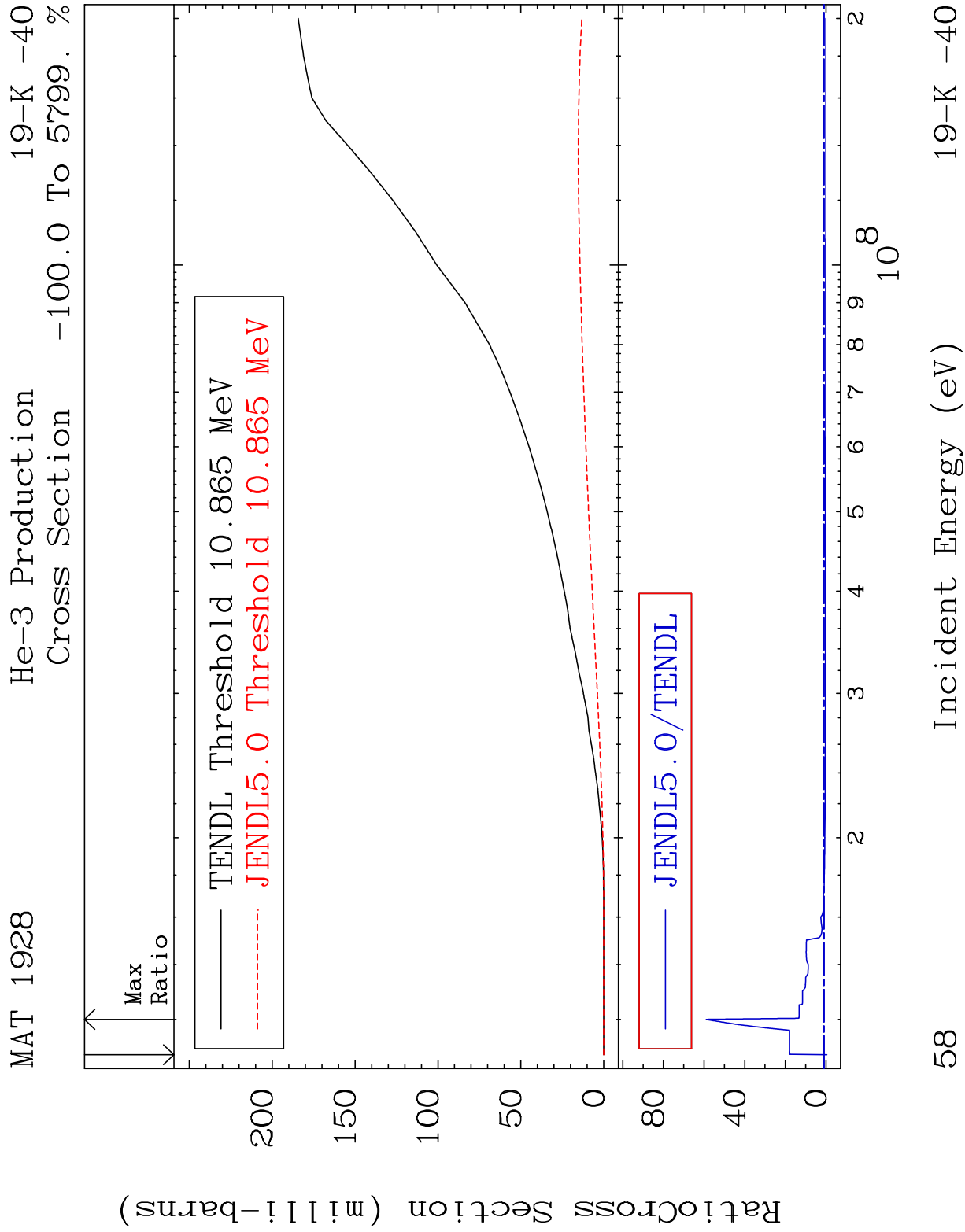


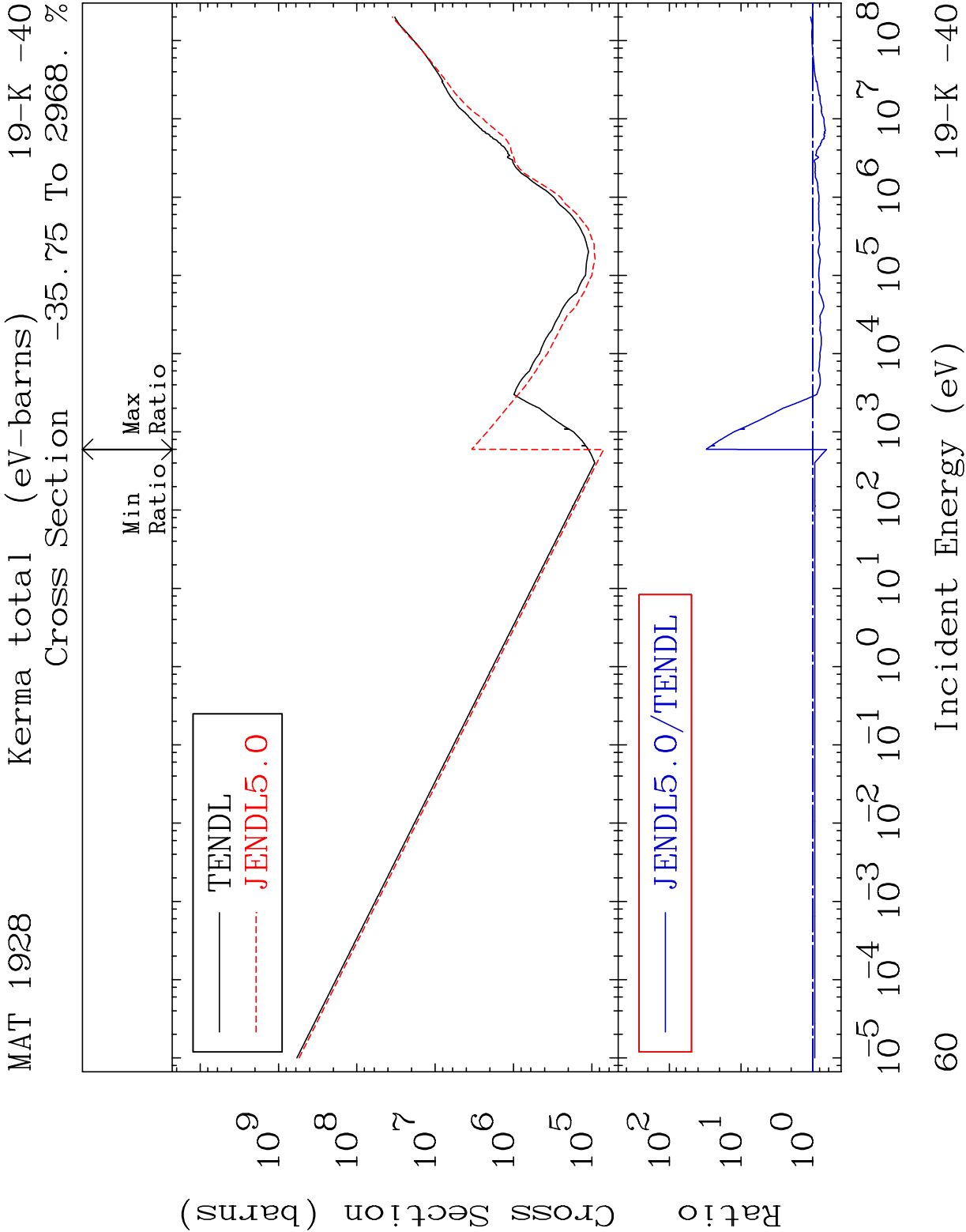


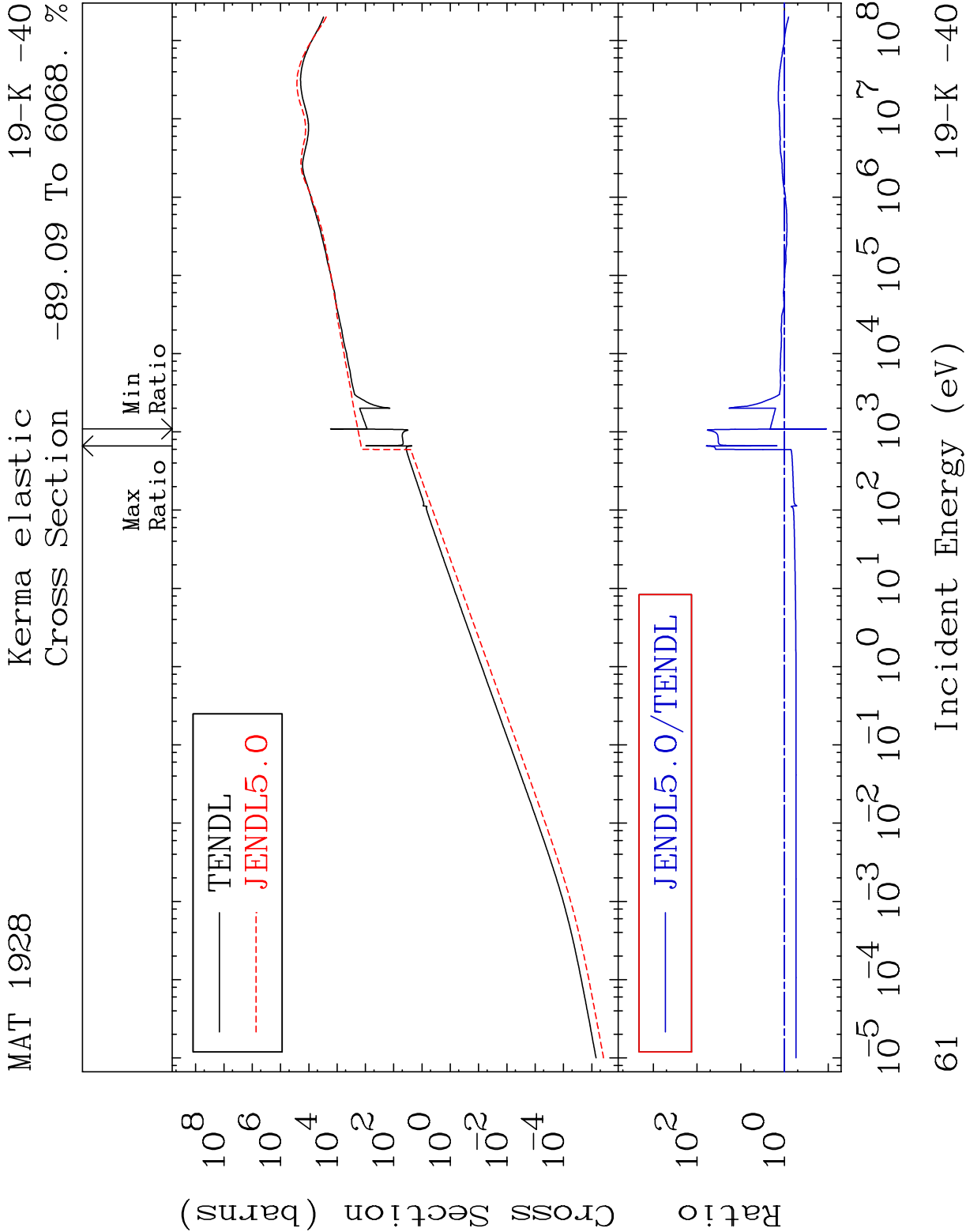




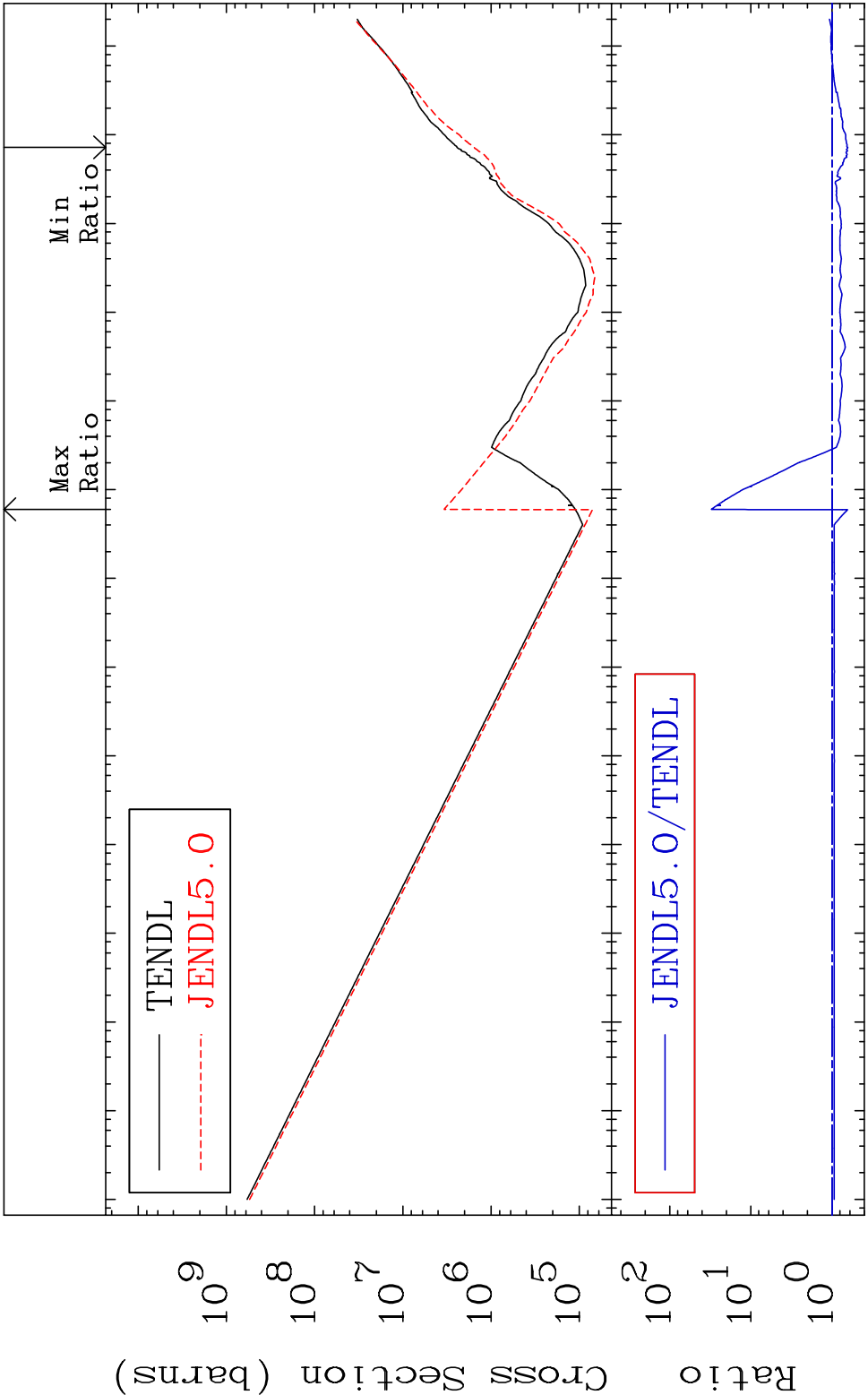




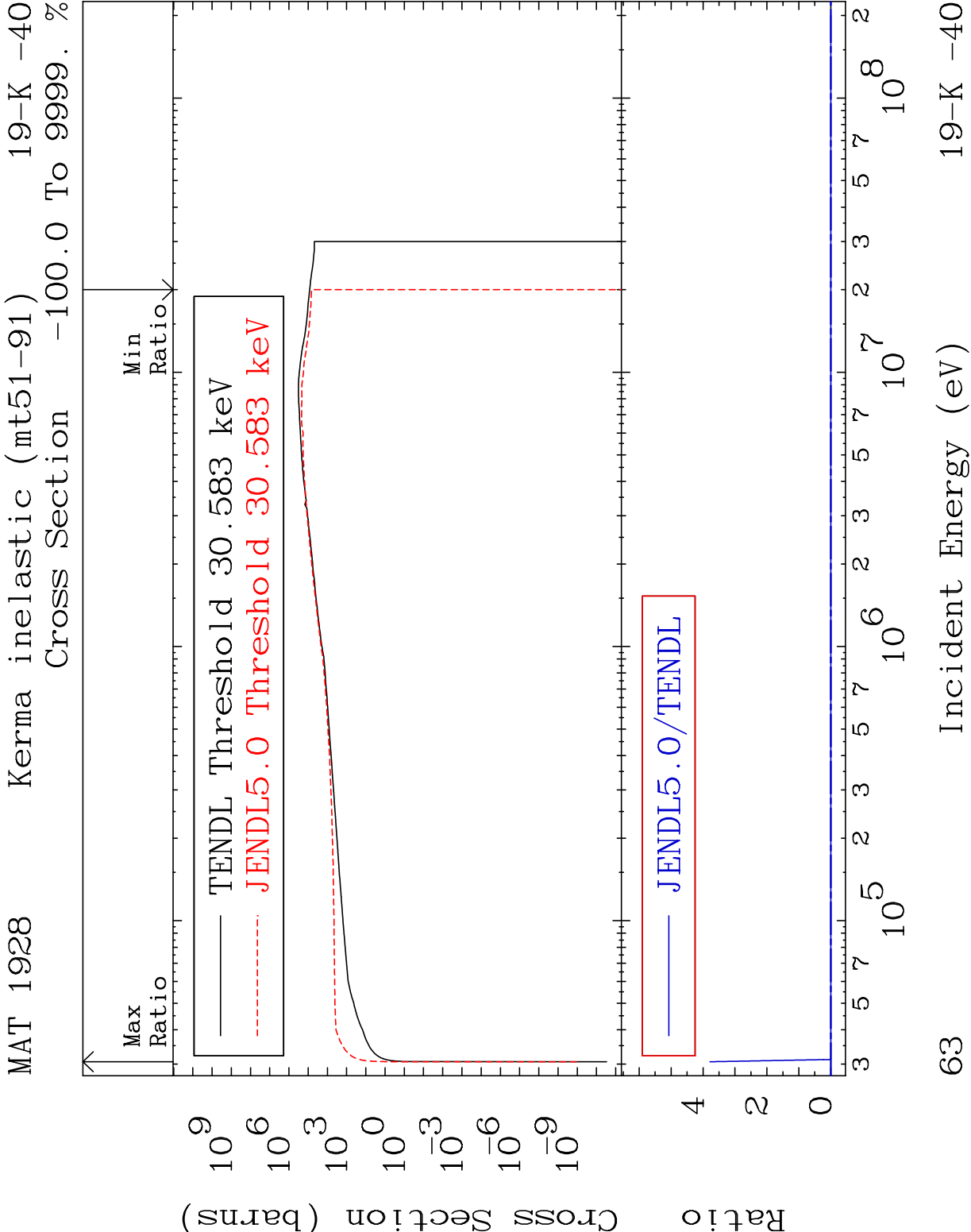




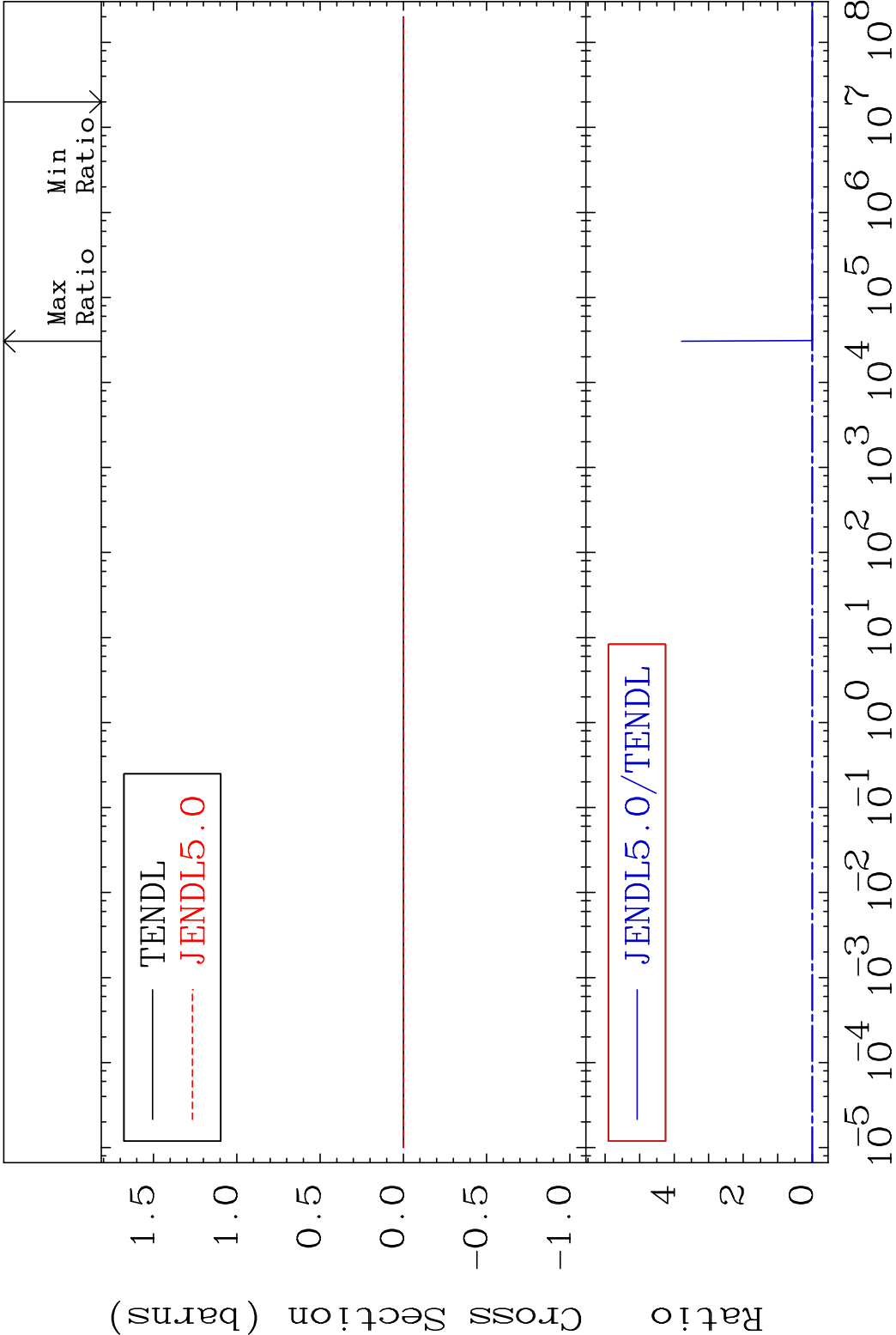
MAT 1928 Kerma non-elastic (all but mt2) 19-K -40
 Cross Section -36.16 To 2968. %

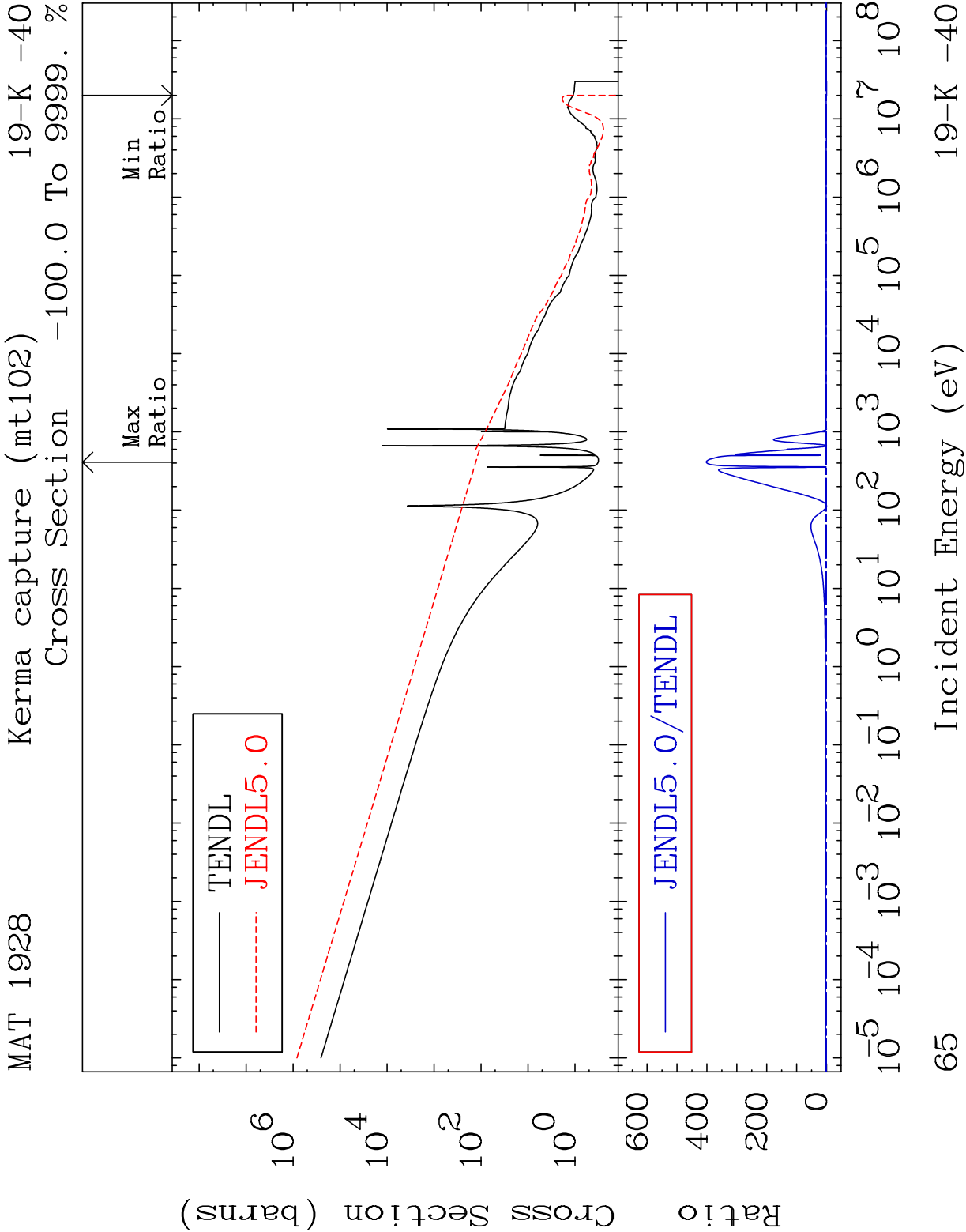


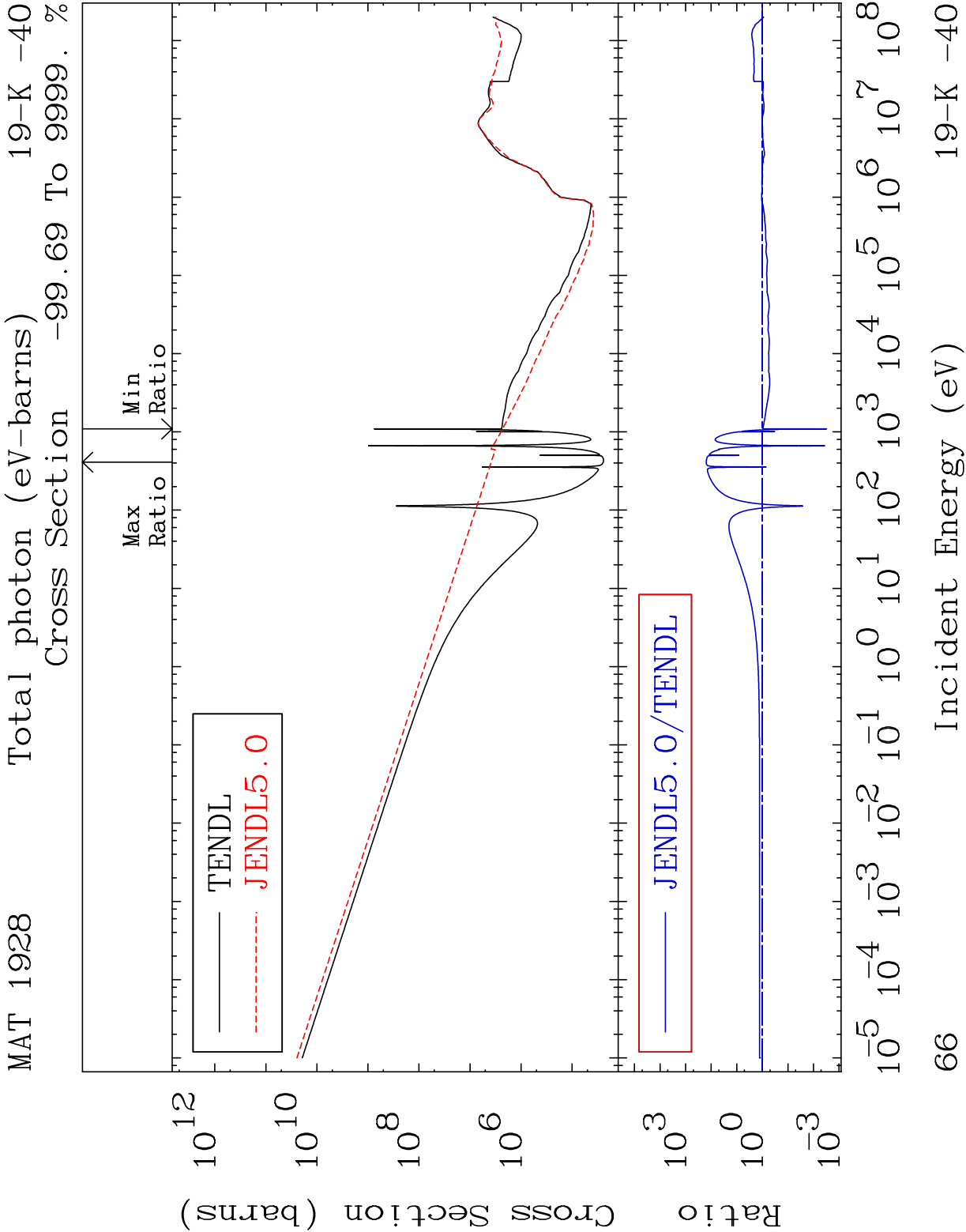
62 Incident Energy (eV) 19-K -40



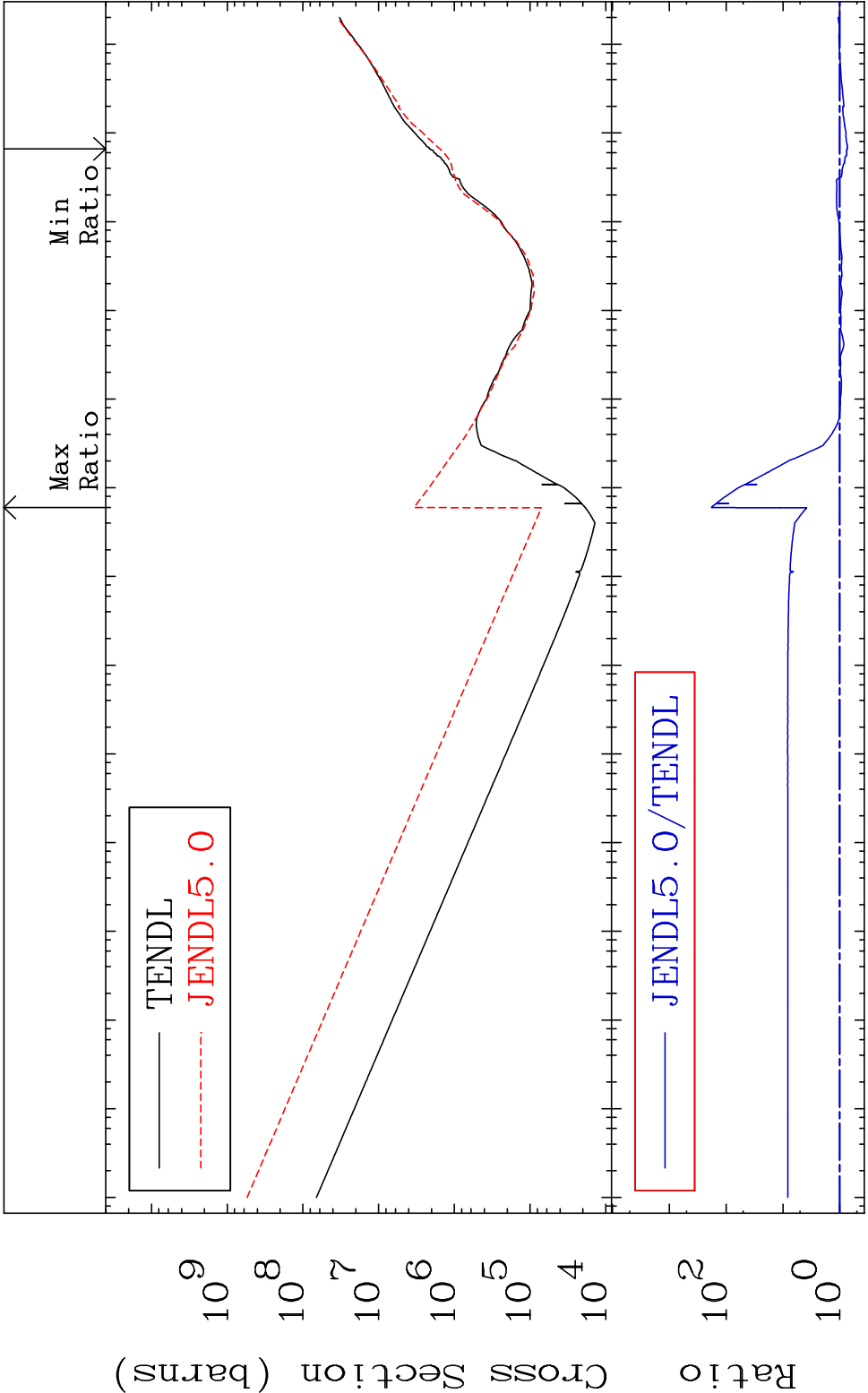
MAT 1928Kerma fission (mt18 or mt19-20-21-38) 19-K -40
Cross Section -100.0 To 9999. %

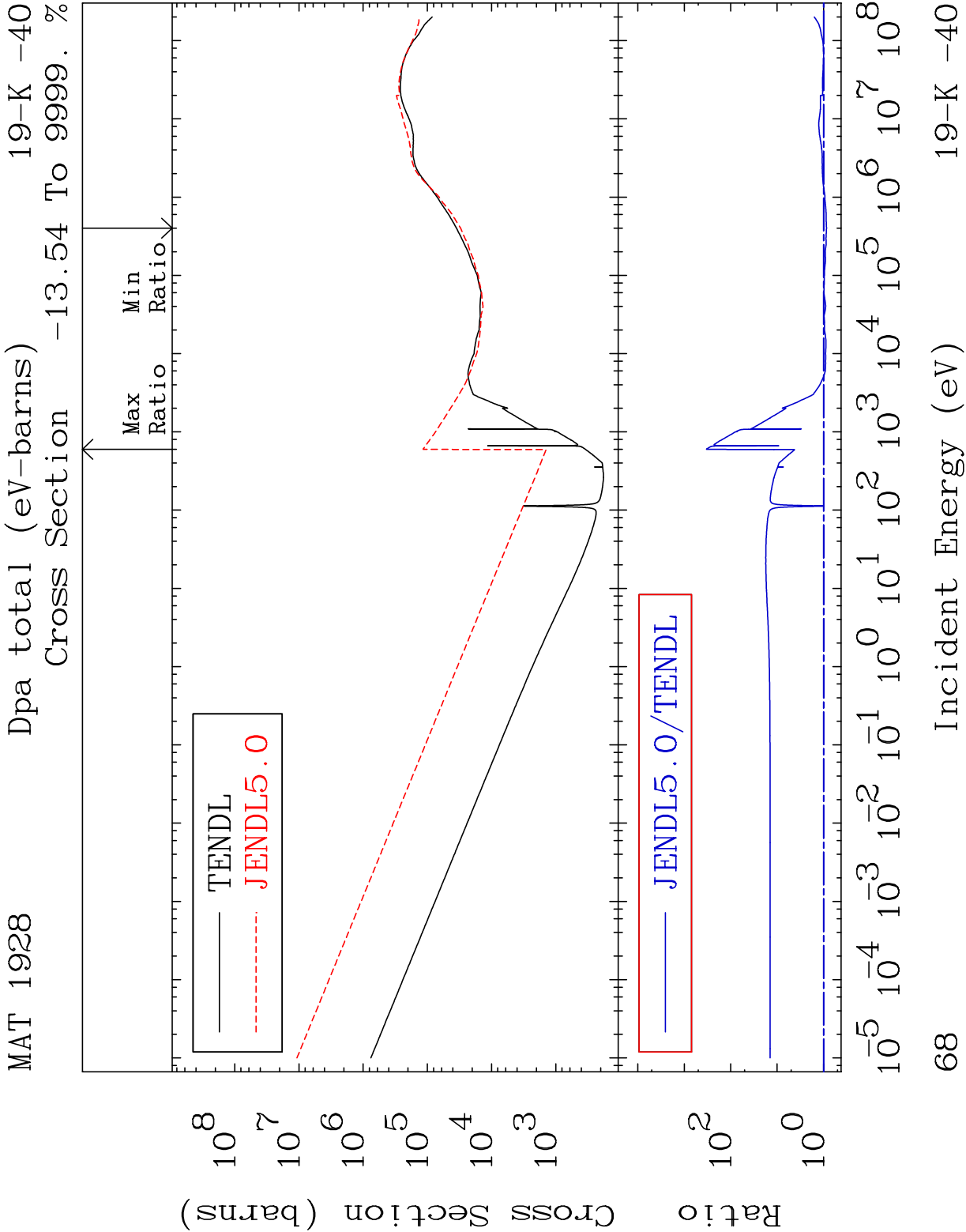




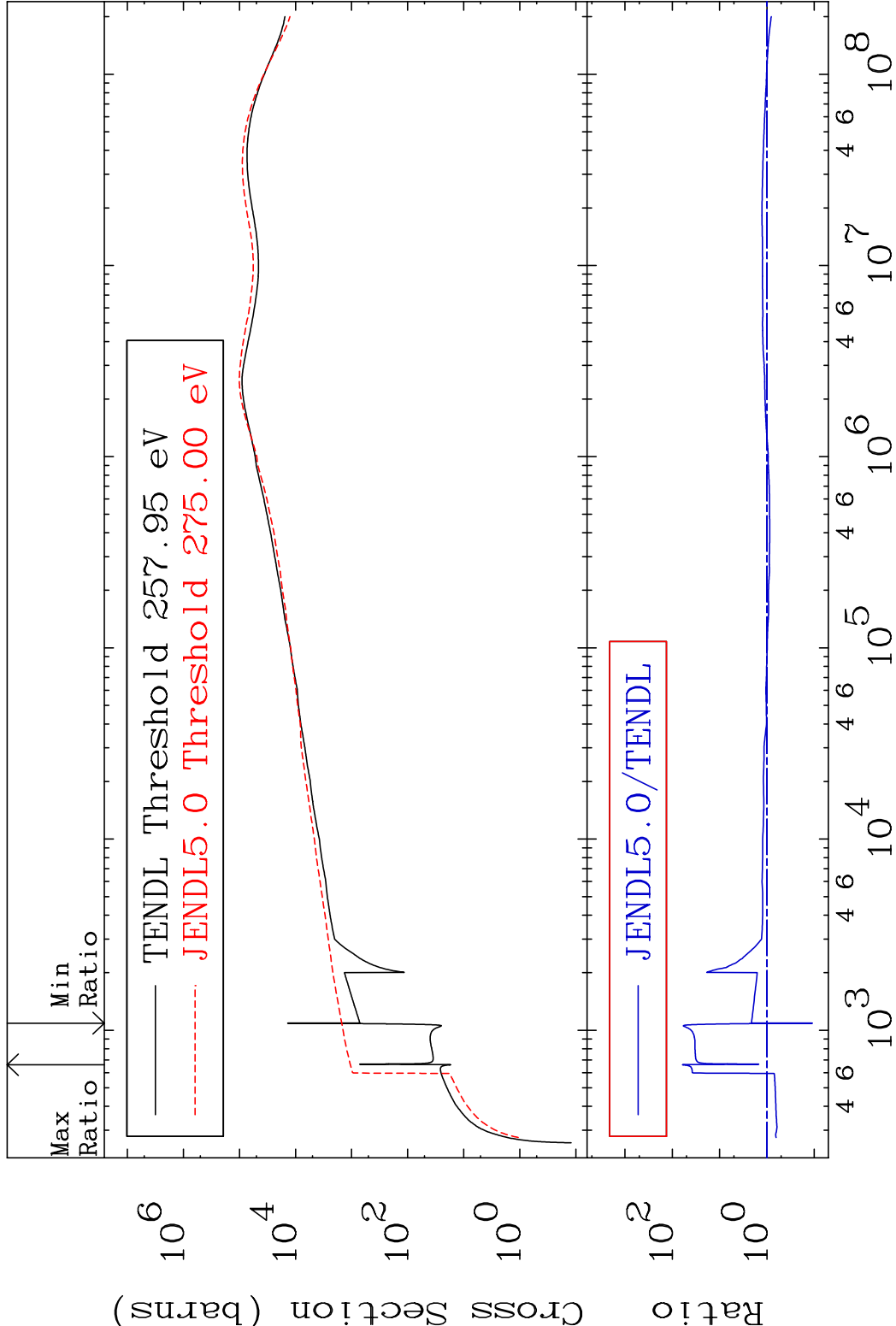


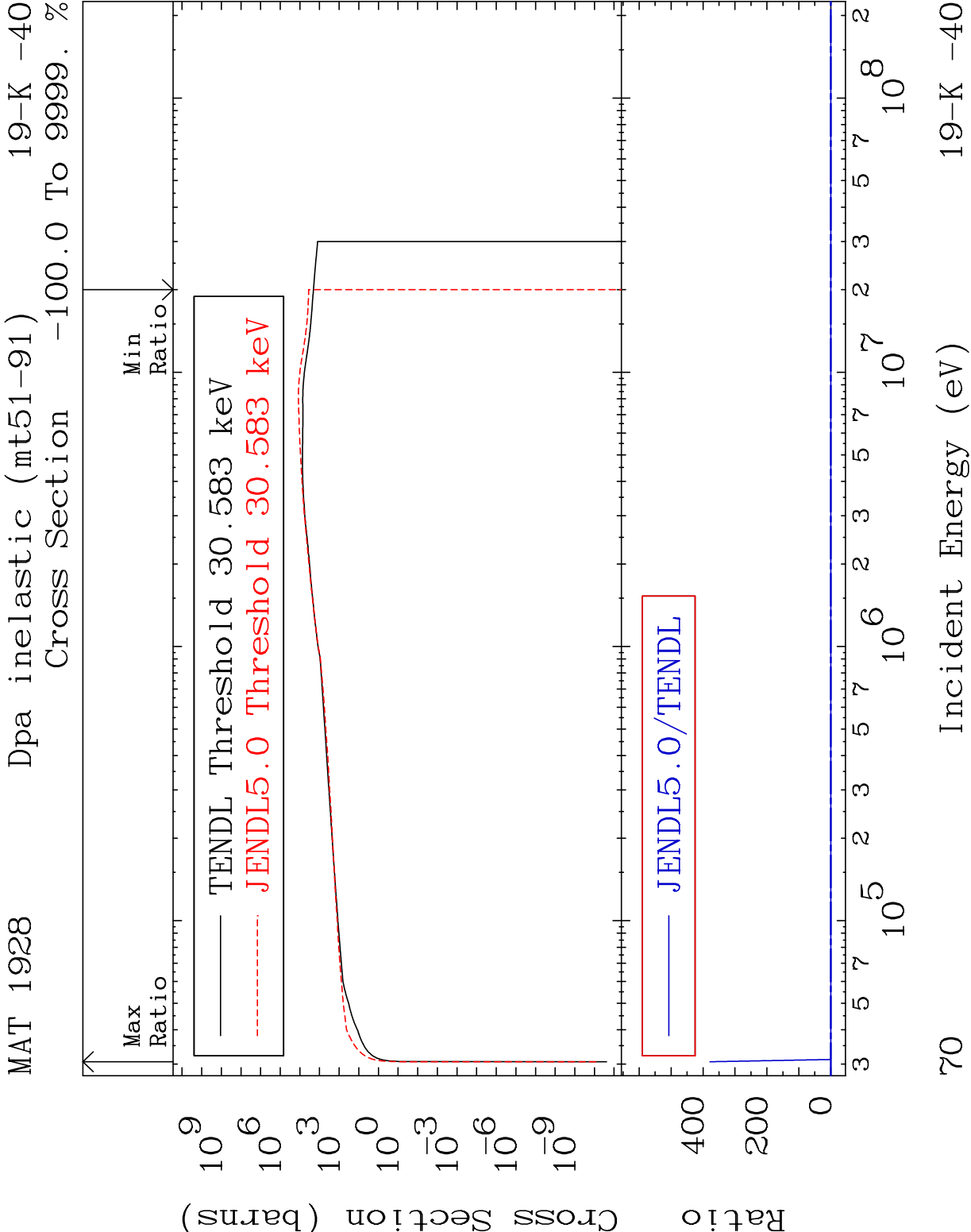
MAT 1928 Total kinematic kerma (high limit) 19-K -40
Cross Section -27.59 To 9999. %





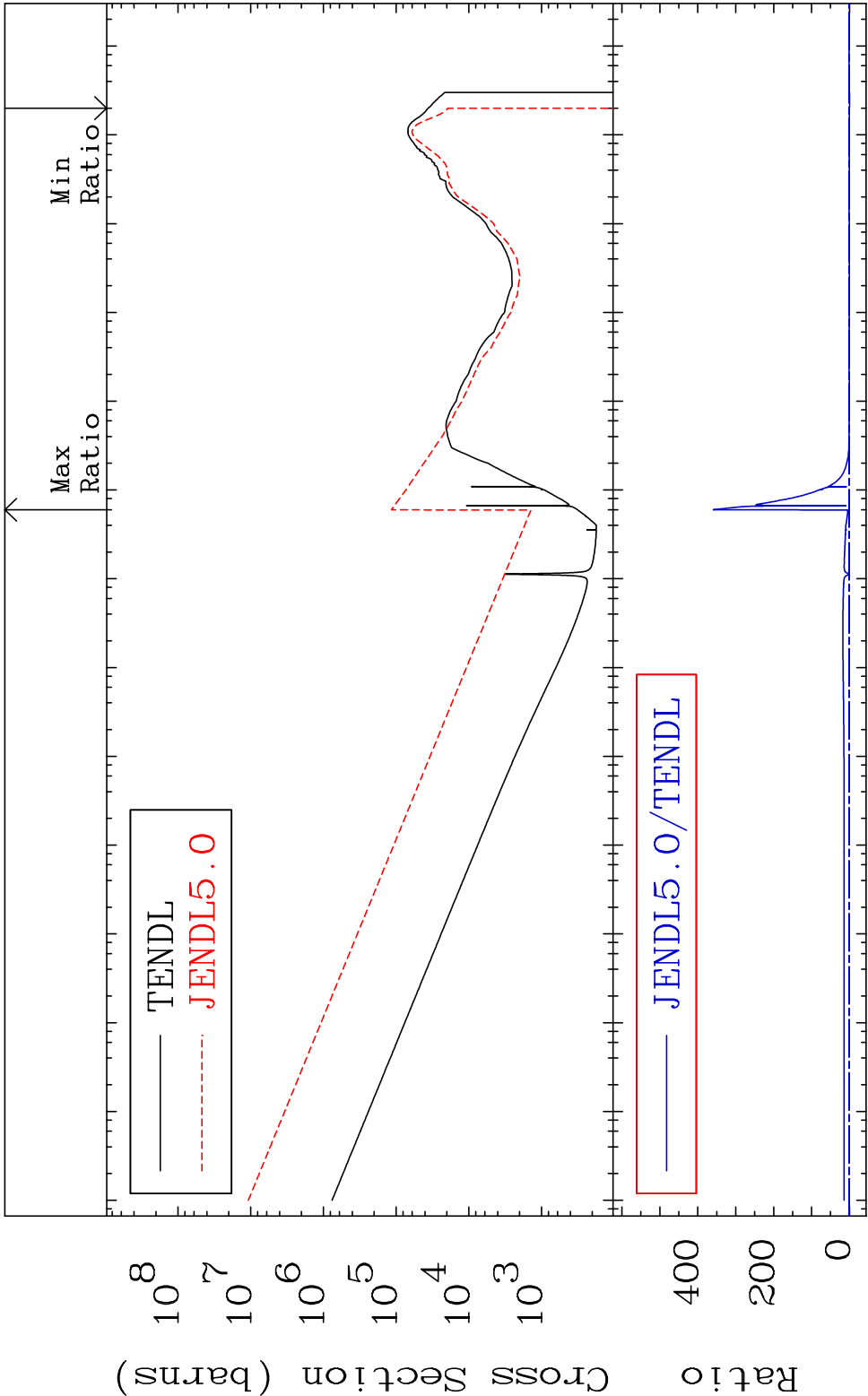
MAT 1928 Dpa elastic (mt2) 19-K -40
Cross Section -89.12 To 6036. %





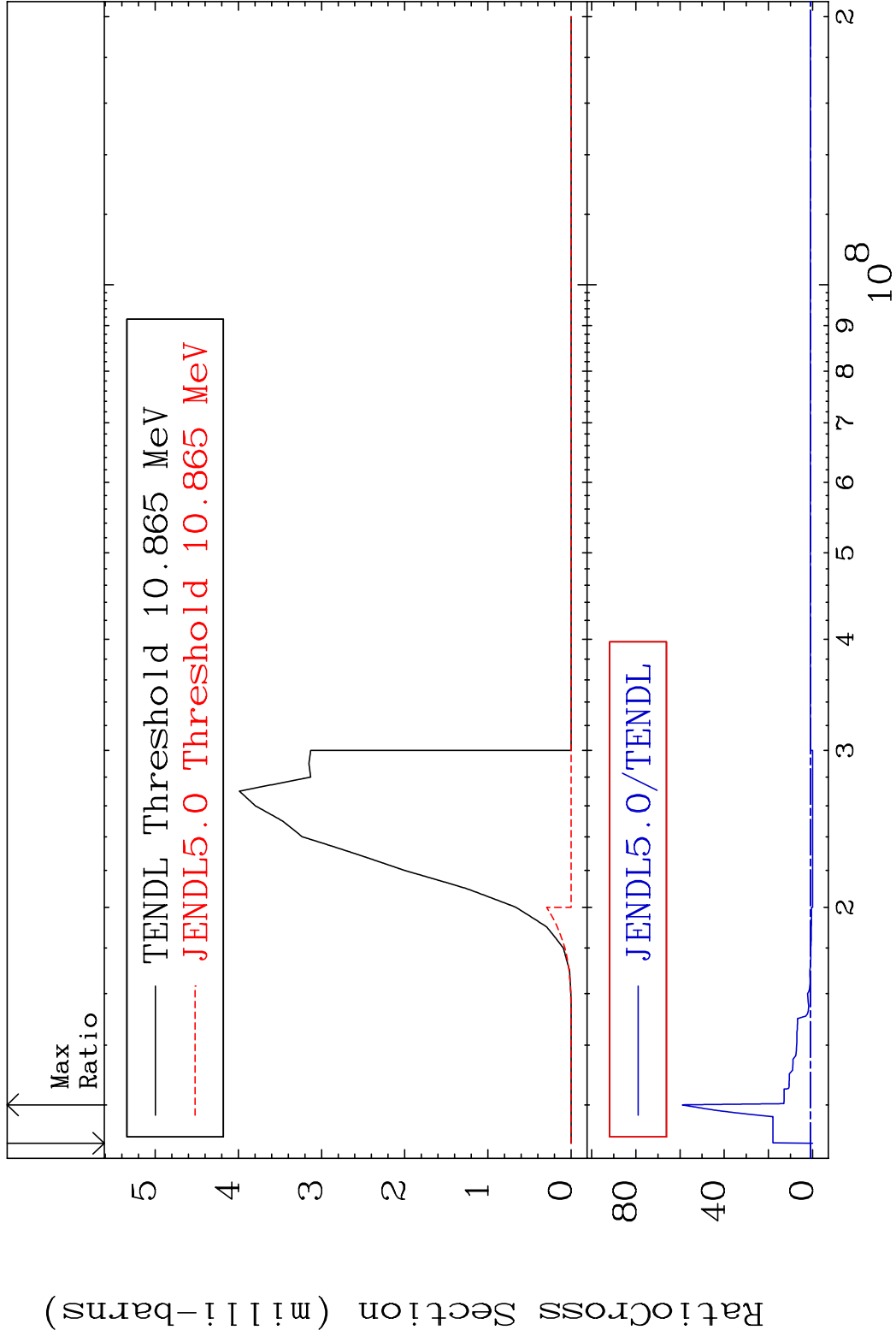
MAT 1928 Dpa disappearance (mt102 -120) 19-K -40

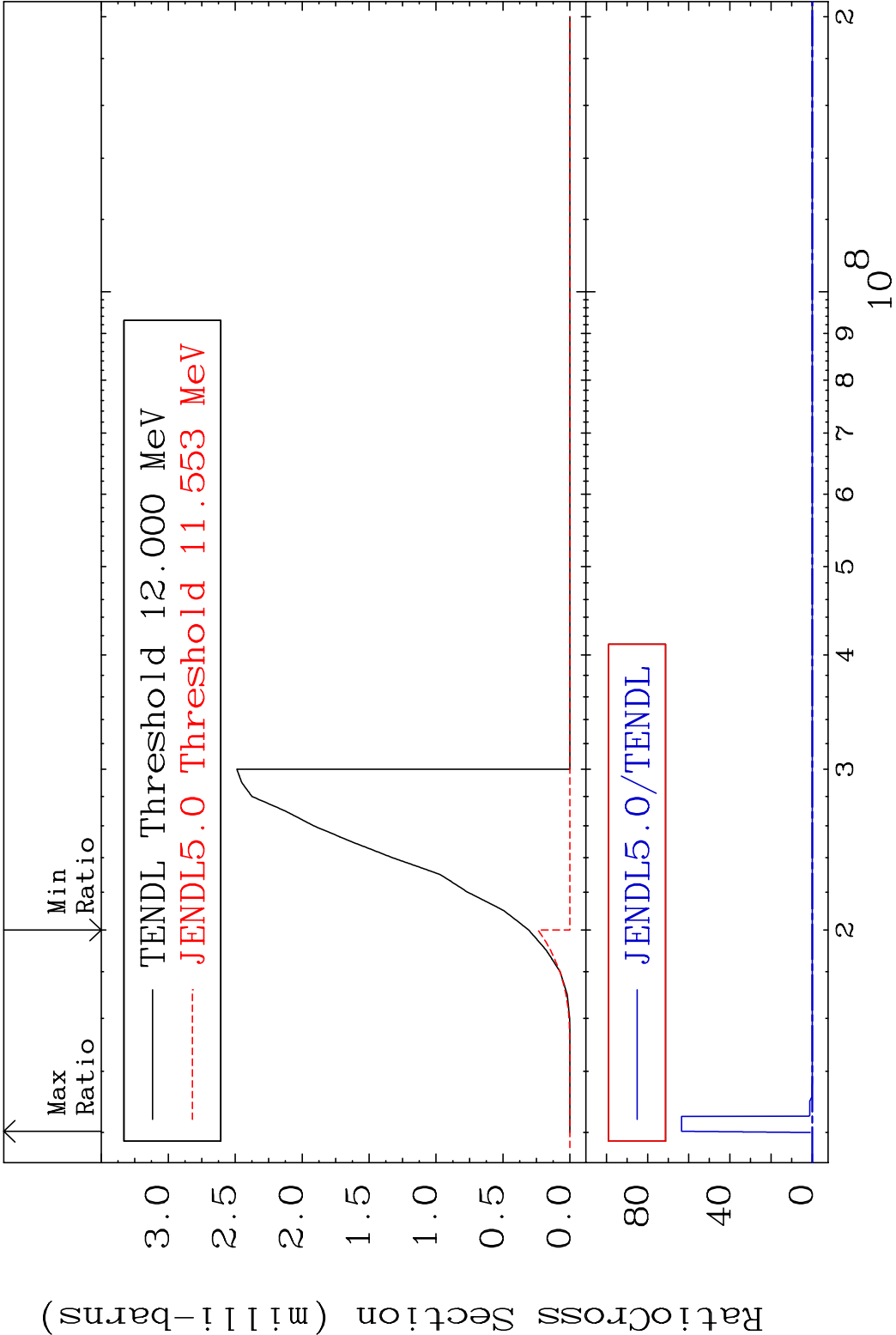
Cross Section -100.0 To 9999. %



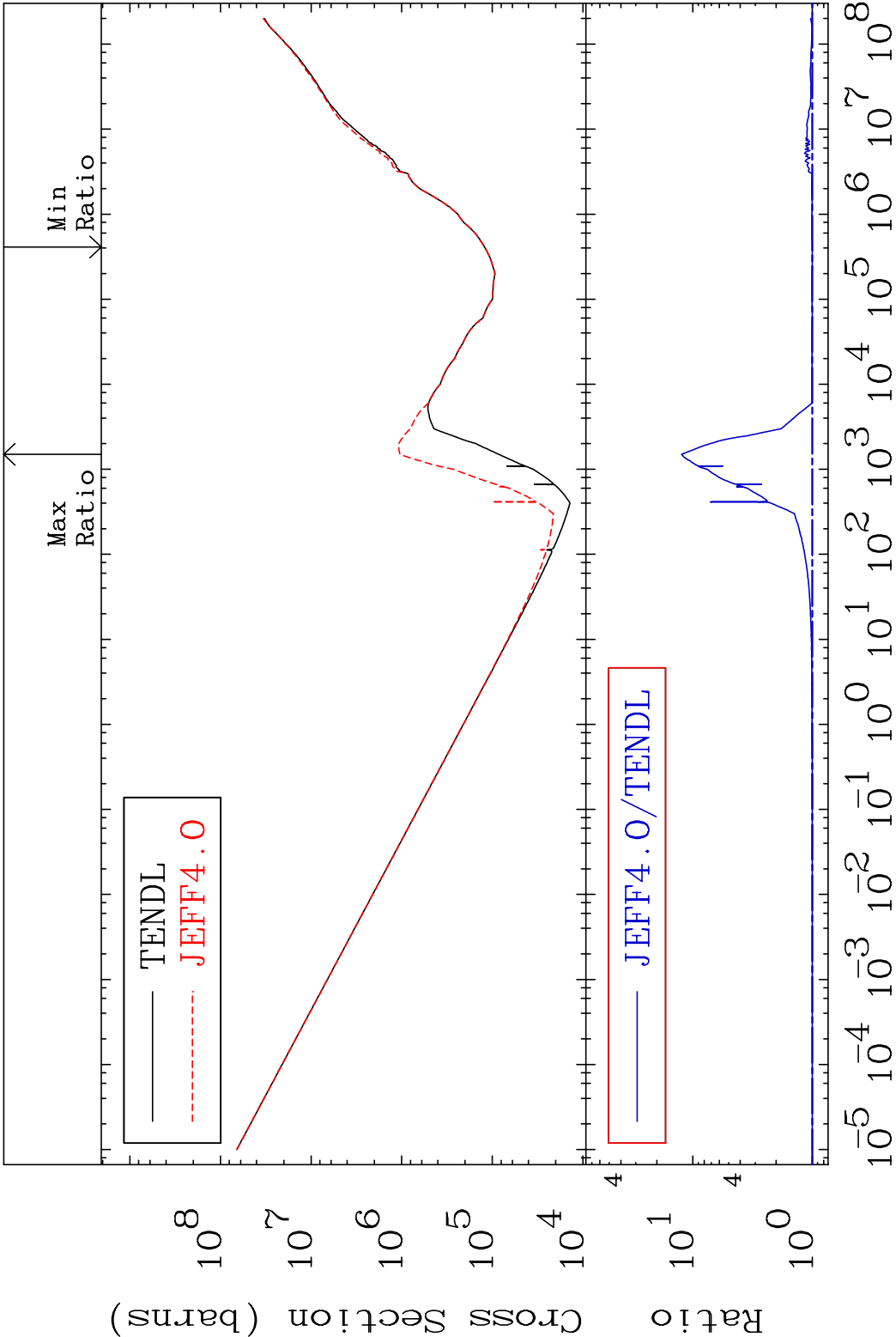
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

71 Incident Energy (eV) 19-K -40





MAT 1928 Total kinematic kerma (high limit) 19-K -40
Cross Section -0.098 To 1141. %



74 Incident Energy (eV) 19-K -40

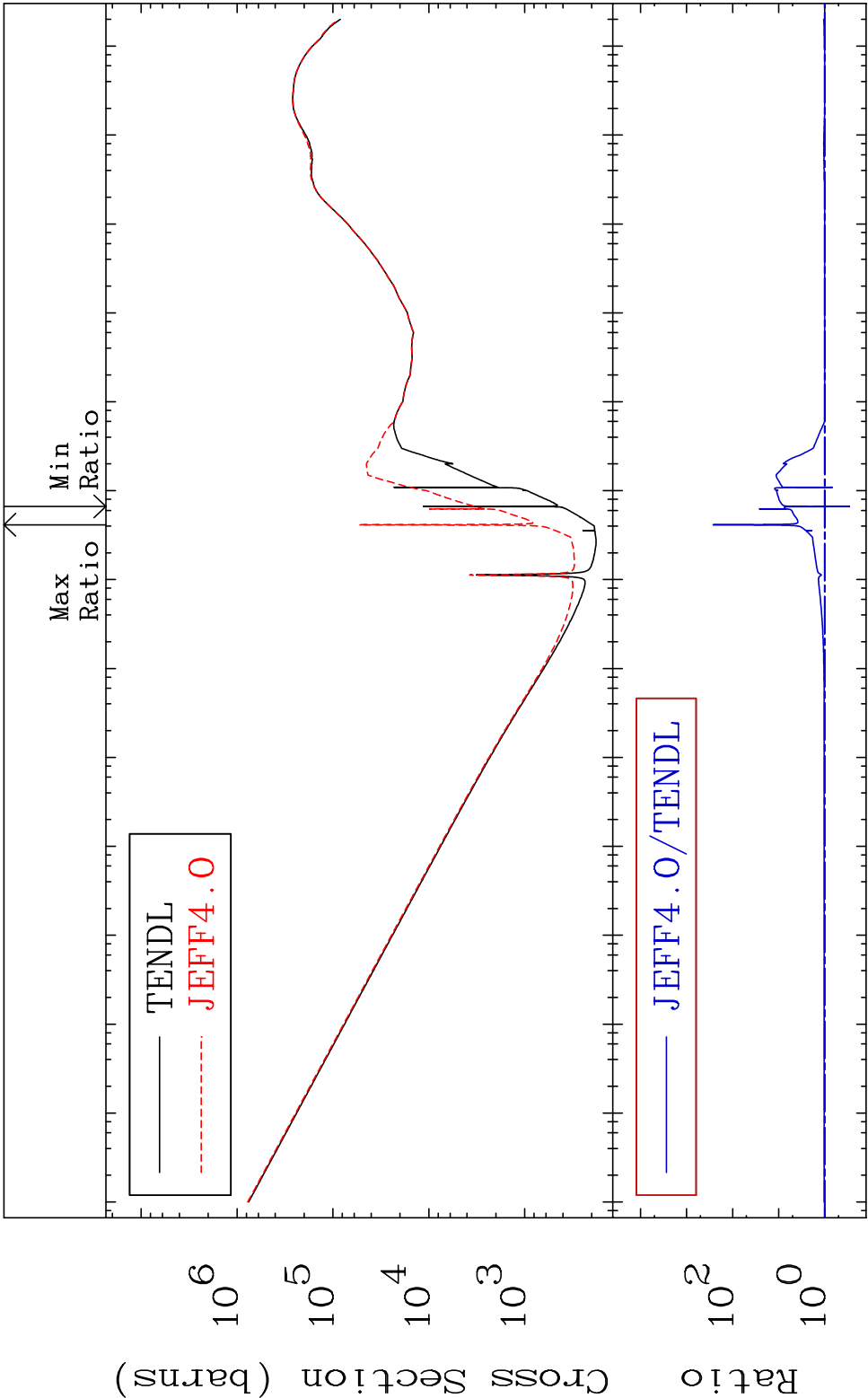
MAT 1928

Dpa total (eV-barns)

19-K -40

Cross Section

-71.19 To 9999. %

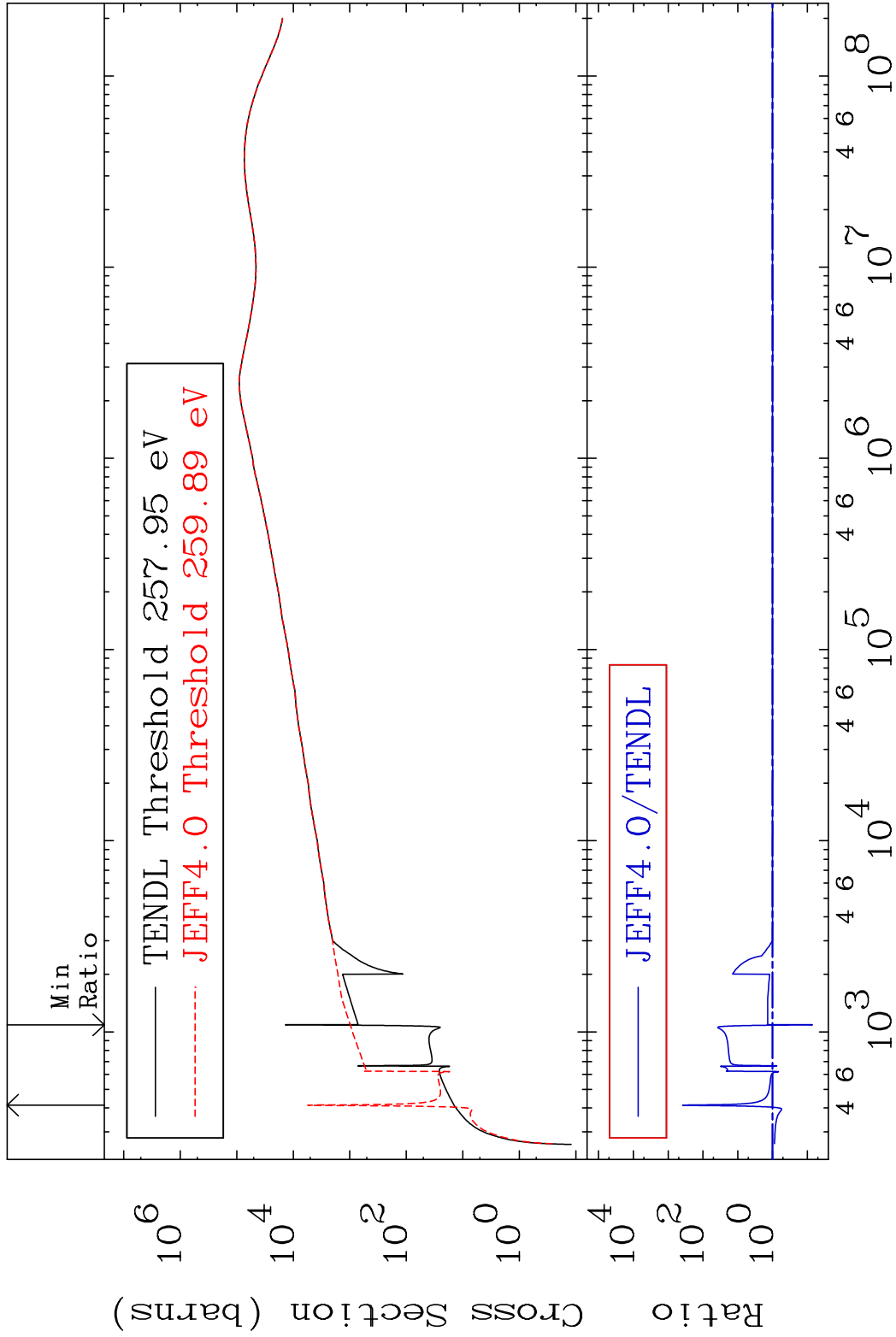


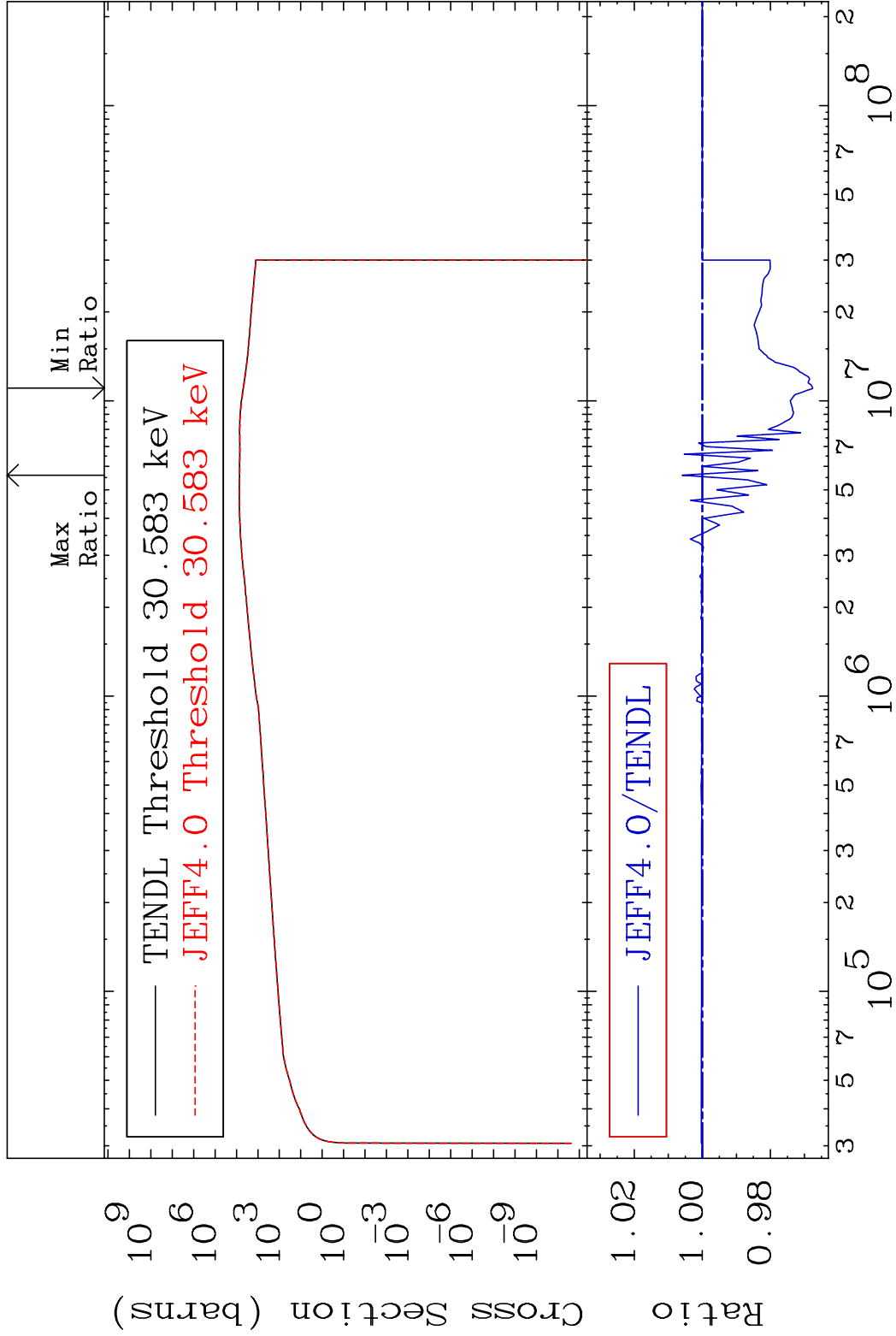
75

Incident Energy (eV)

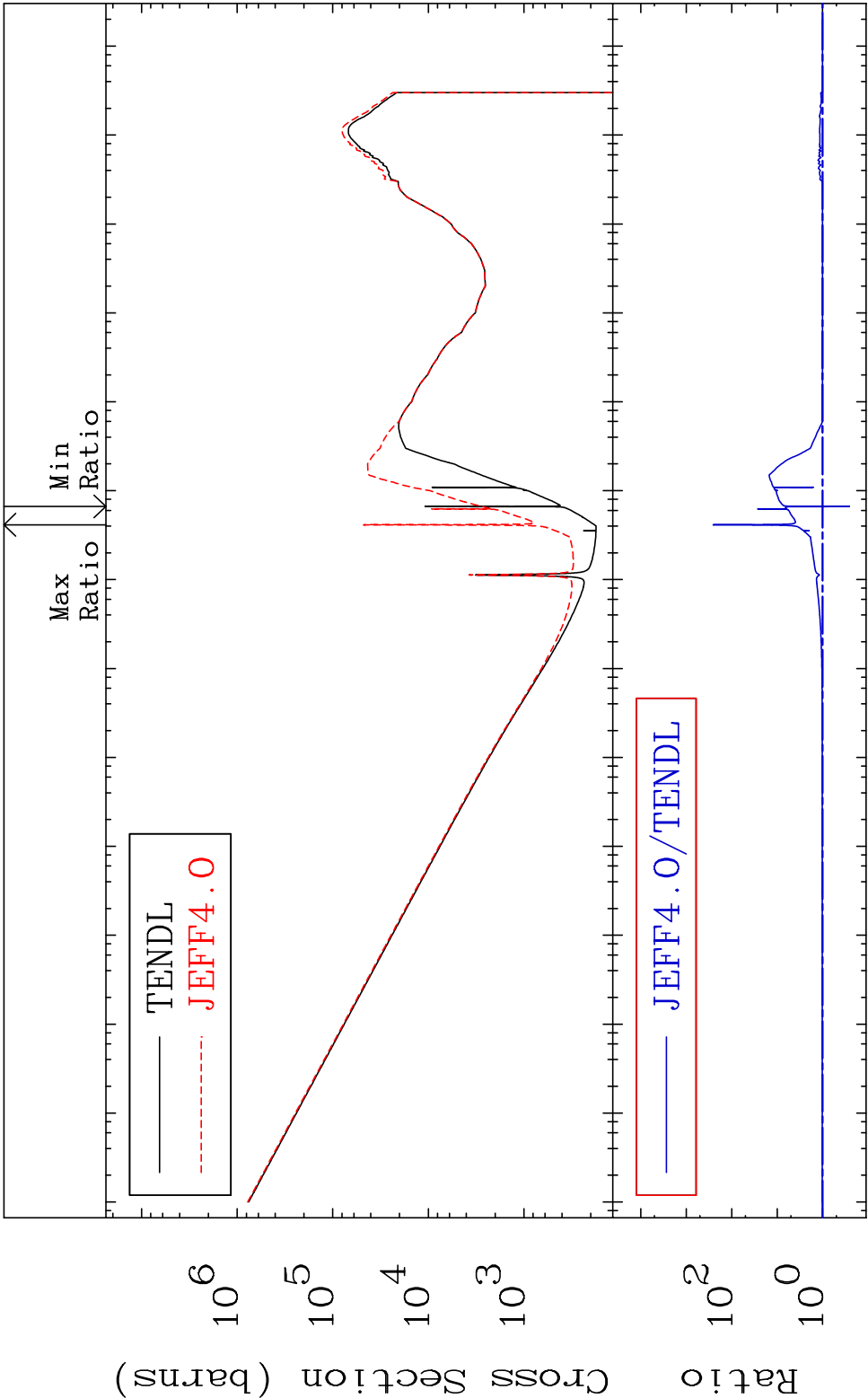
19-K -40

MAT 1928 Dpa elastic (mt2) 19-K -40
Cross Section -92.89 To 9999. %

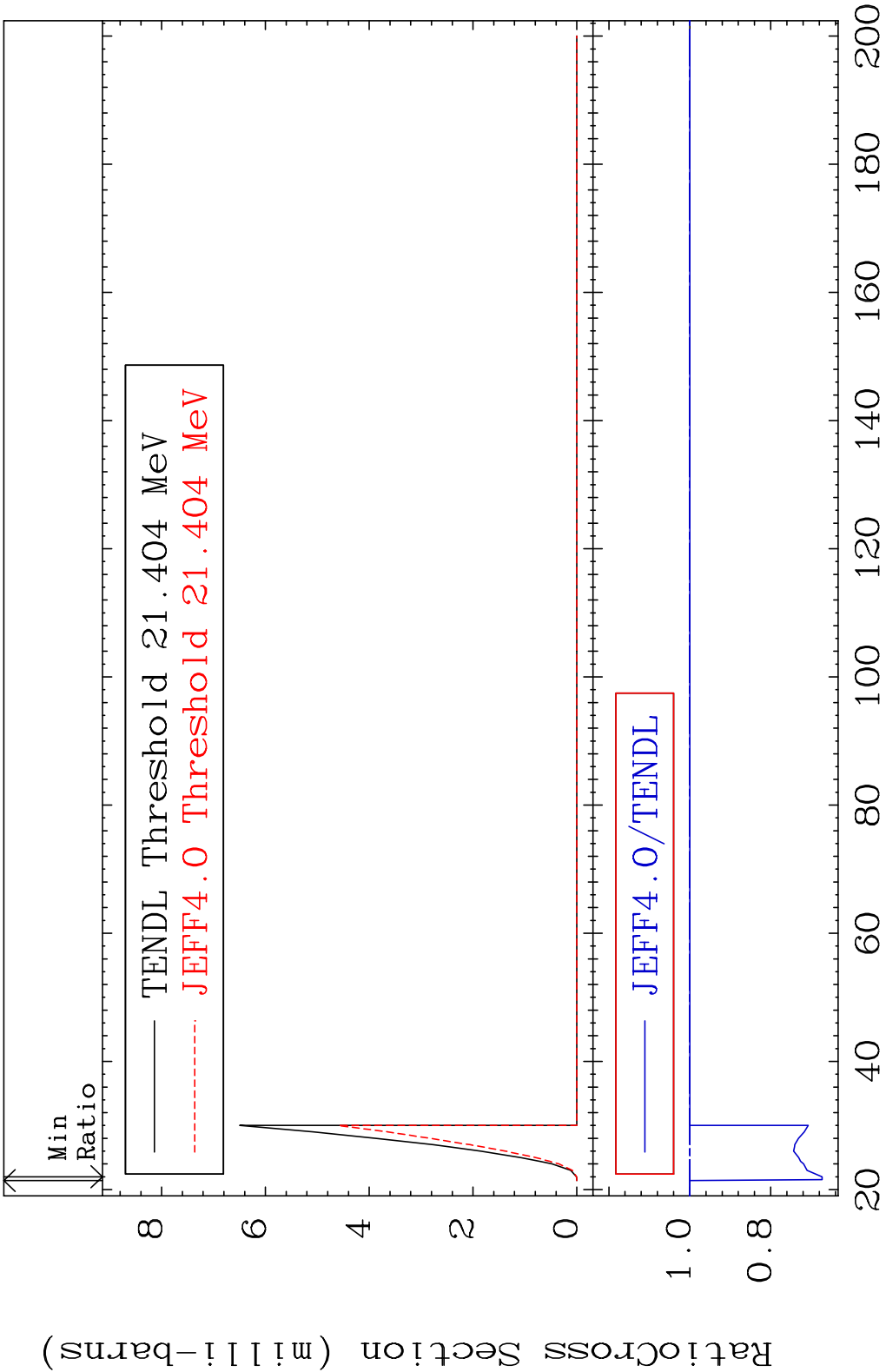




MAT 1928 Dpa disappearance (mt102 -120) 19-K -40
 Cross Section -74.36 To 9999. %

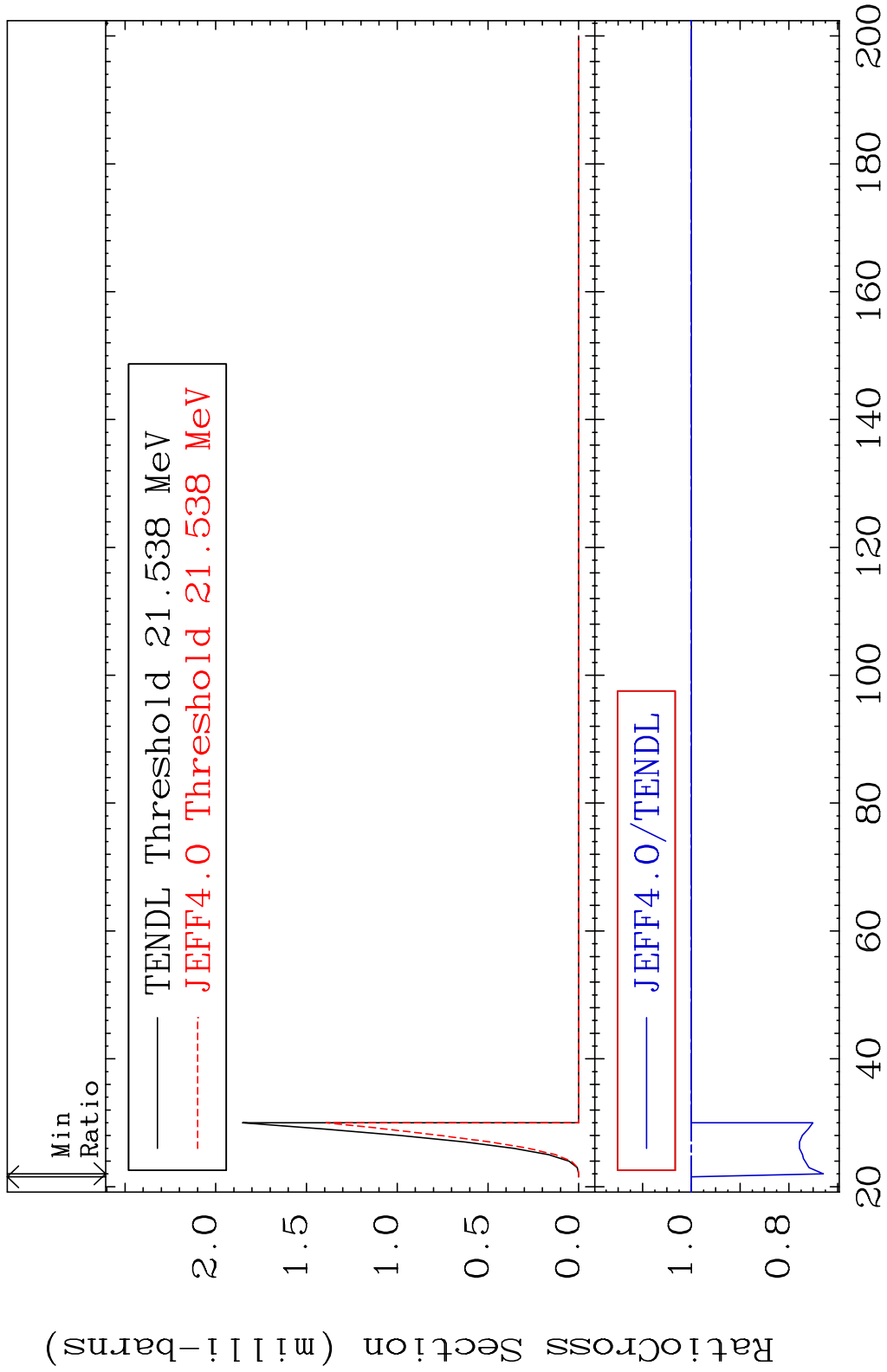


78 Incident Energy (eV) 19-K -40

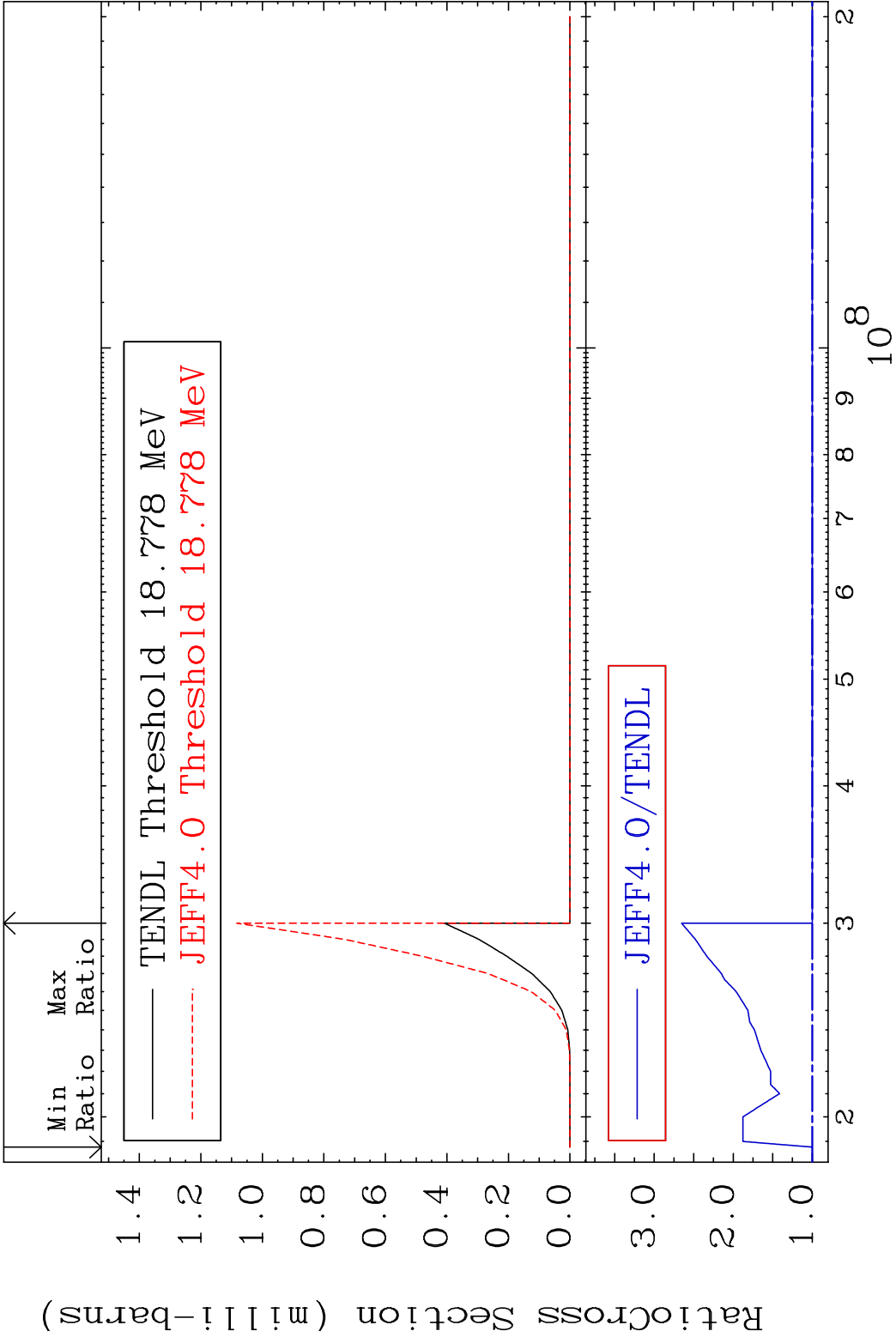


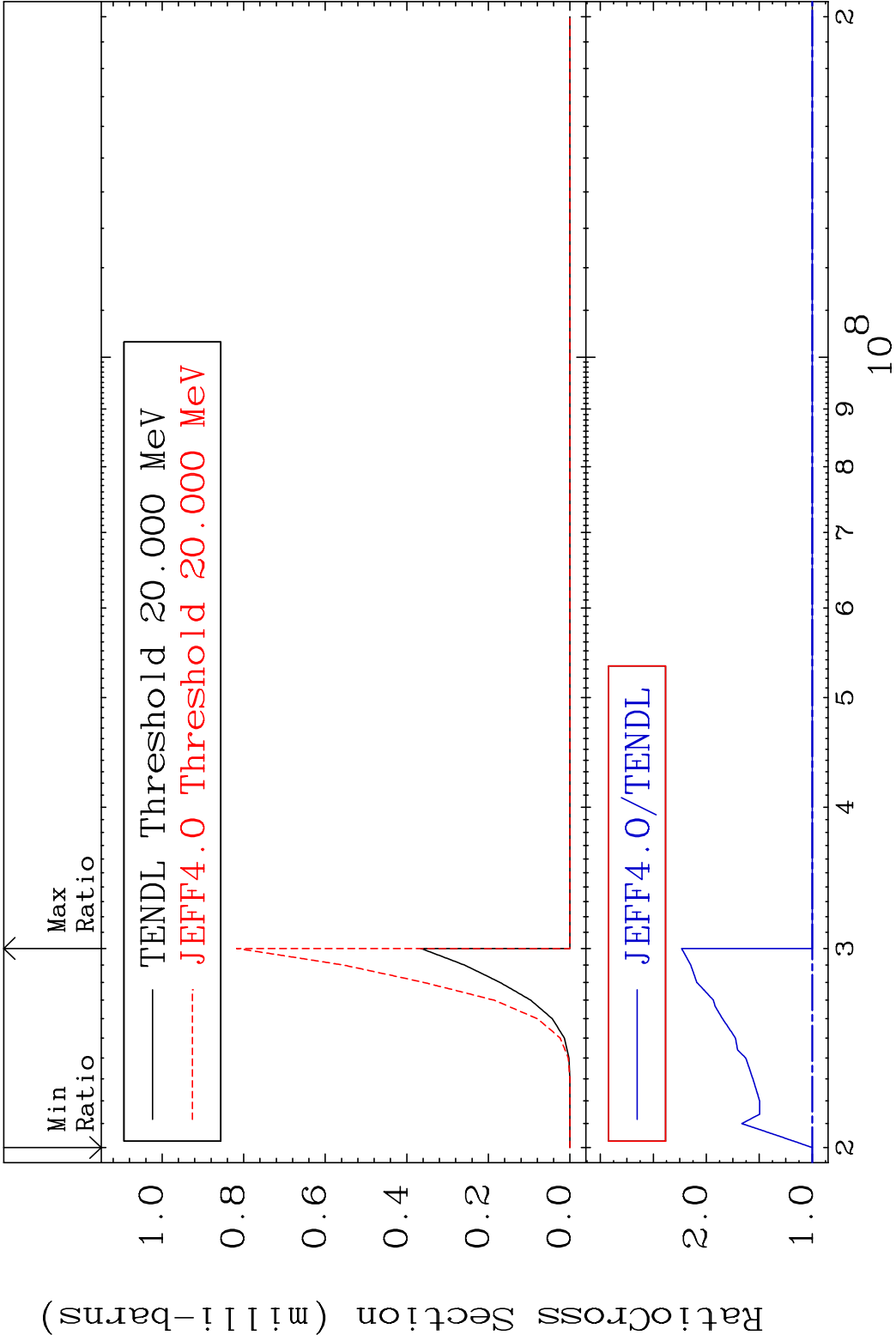
MAT 1928 (n,3n):19-K -38m1 19-K -40

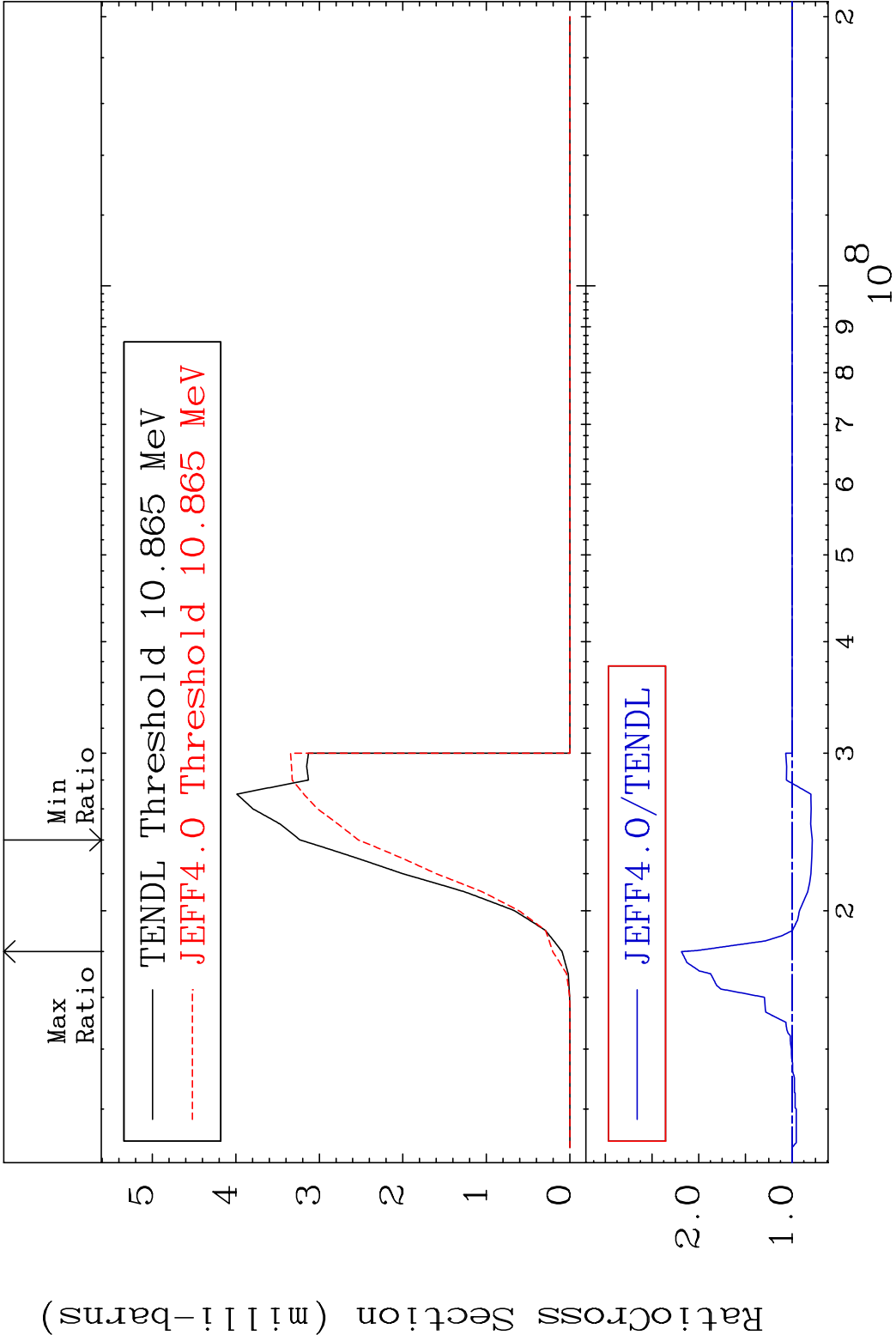
Radionuclide Production Cross Section 37.061 d0 0.000 %



80 19-K -40







Radionuclide Production Cross-Section to 33.46 %

