

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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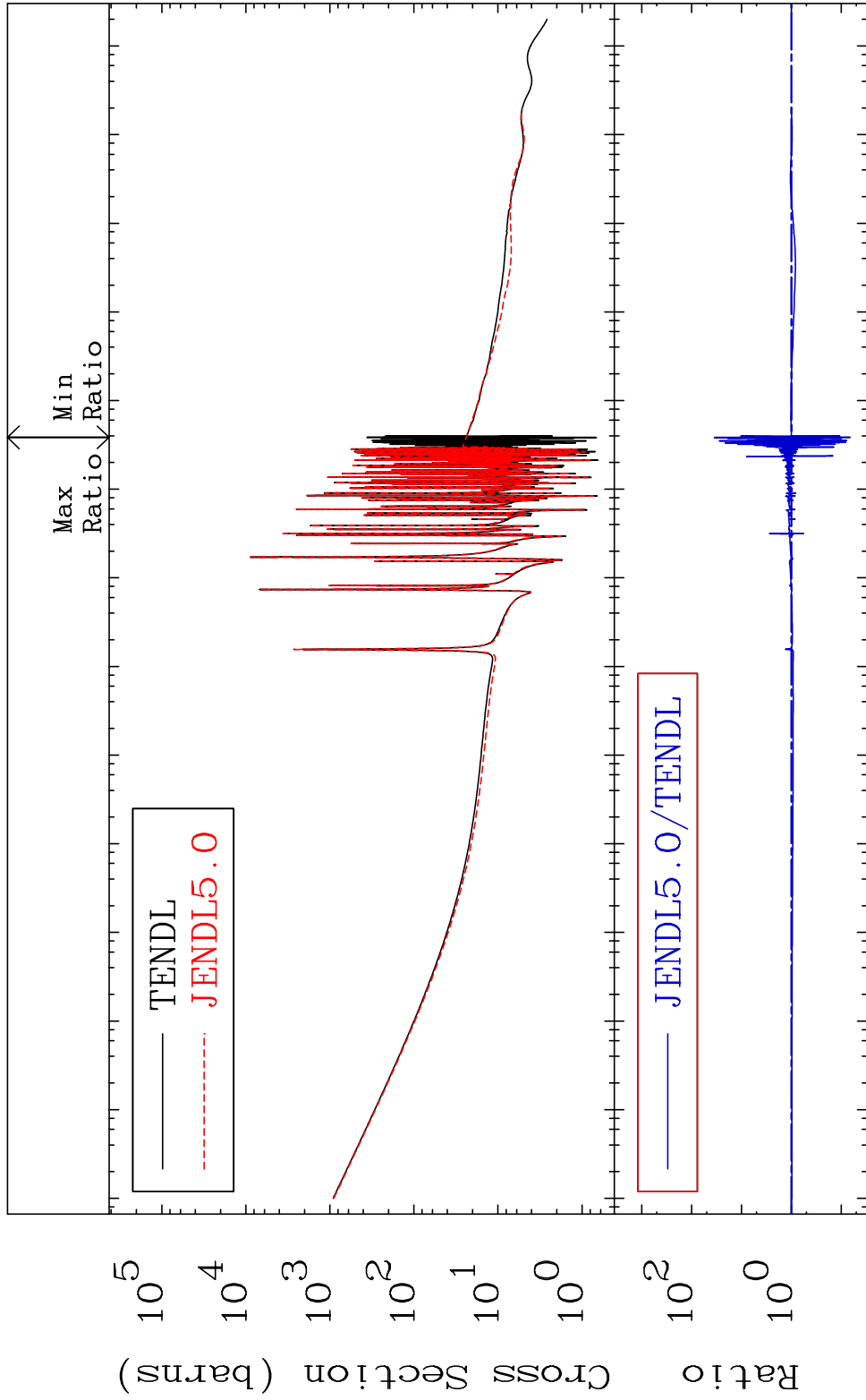
Press Mouse Button to Start

MAT 6837

Total

68-Er-166

Cross Section -93.37 To 3473. %



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

1

Incident Energy (eV)

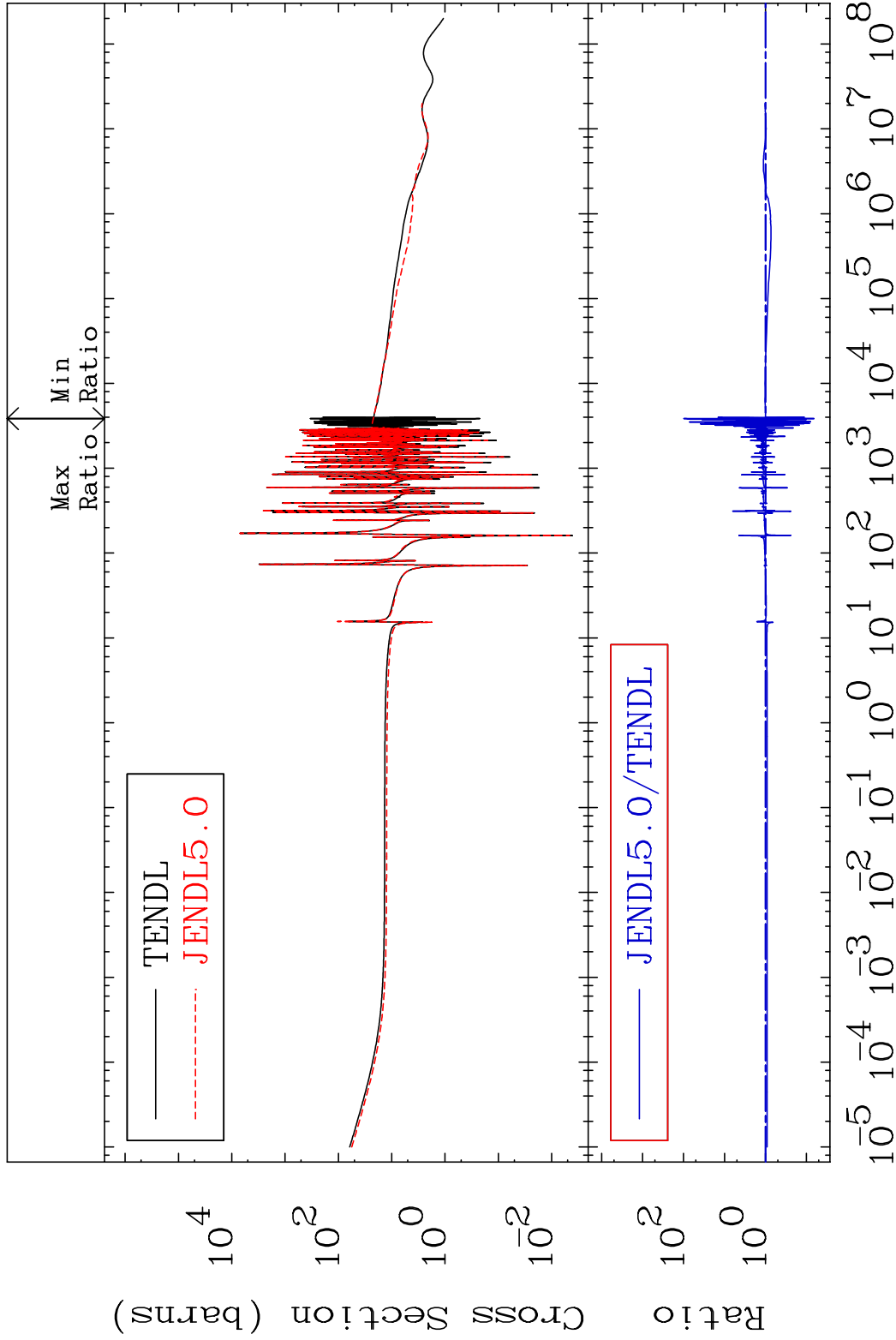
68-Er-166

MAT 6837

Elastic

68-Er-166

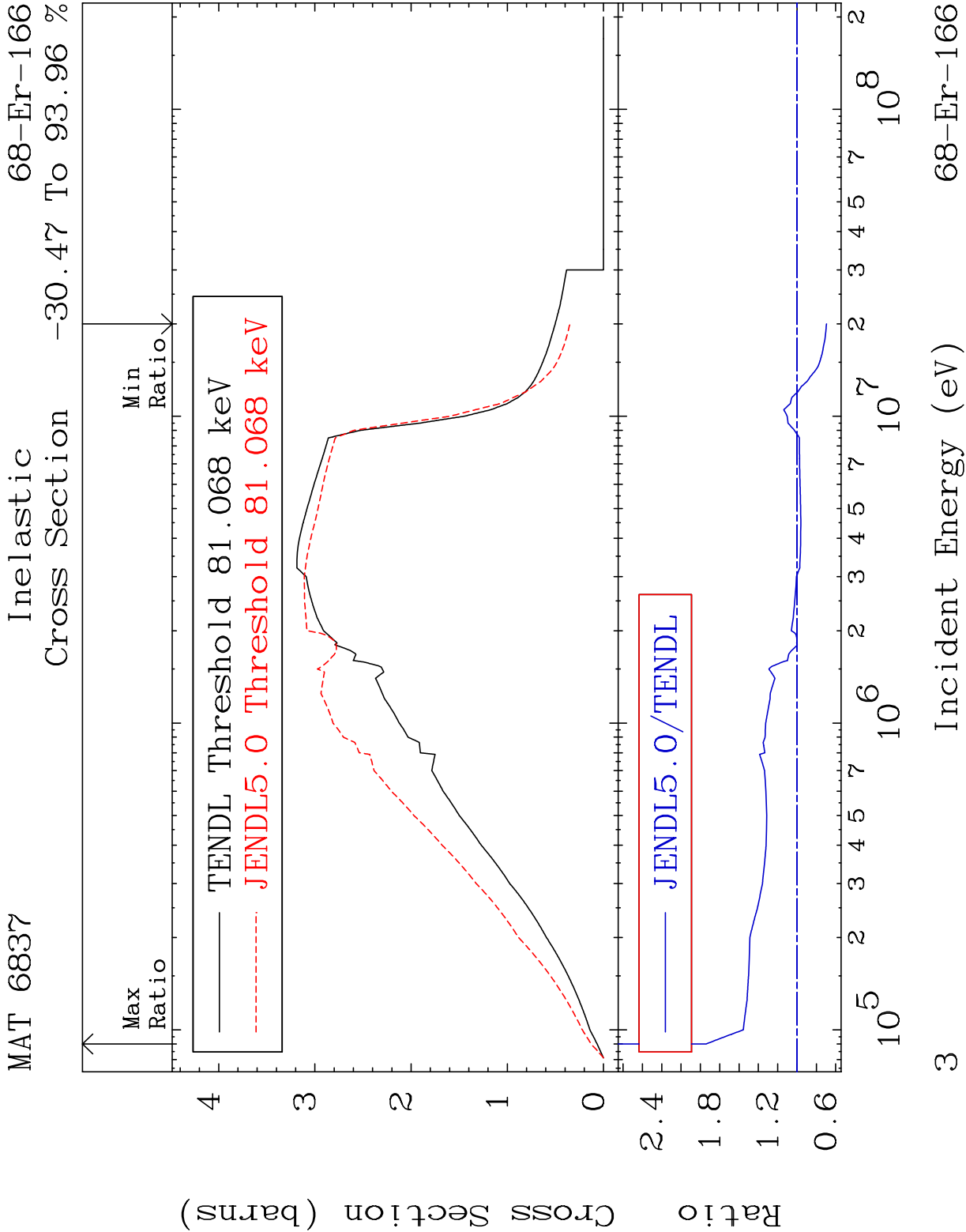
Cross Section -93.49 To 9855. %

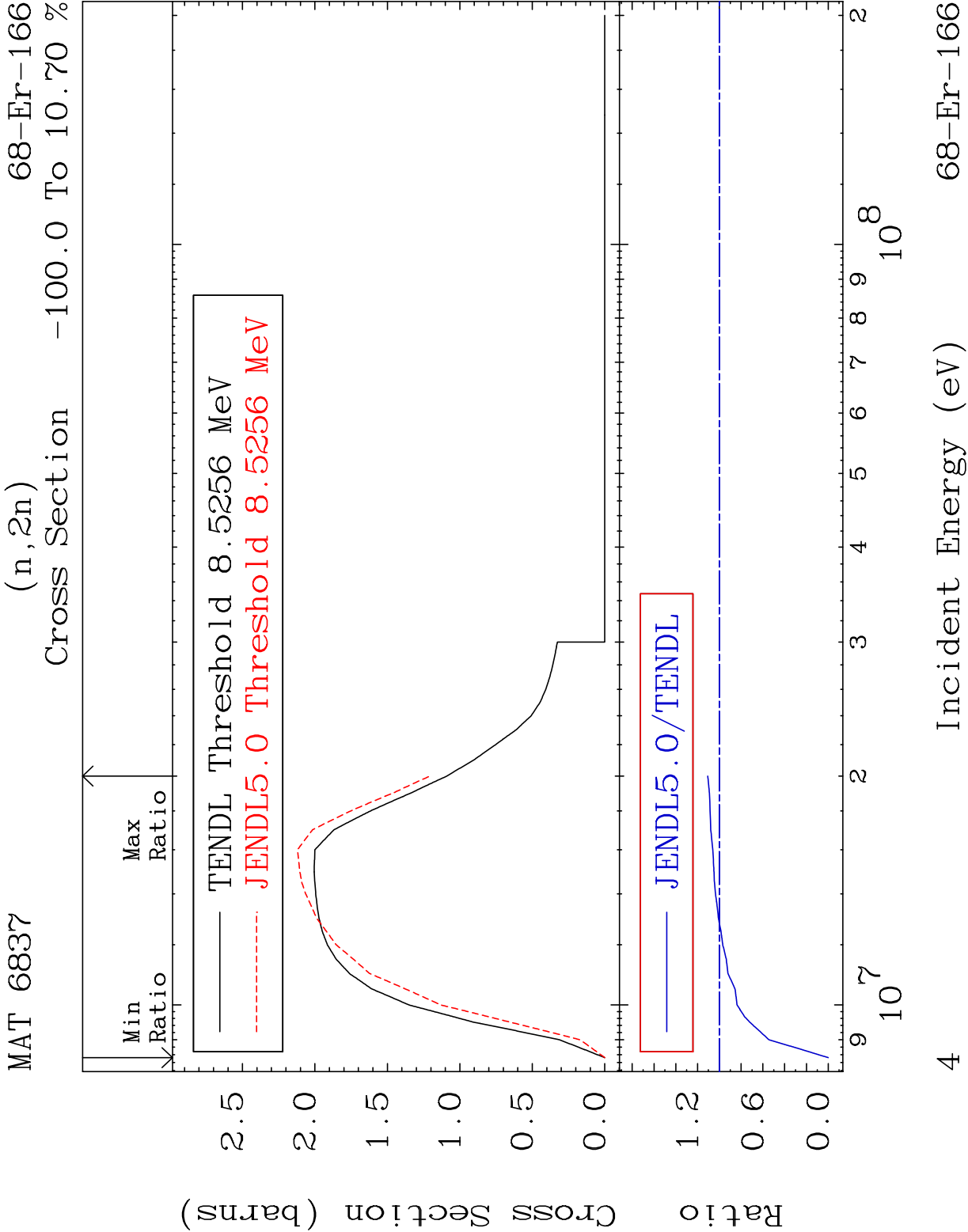


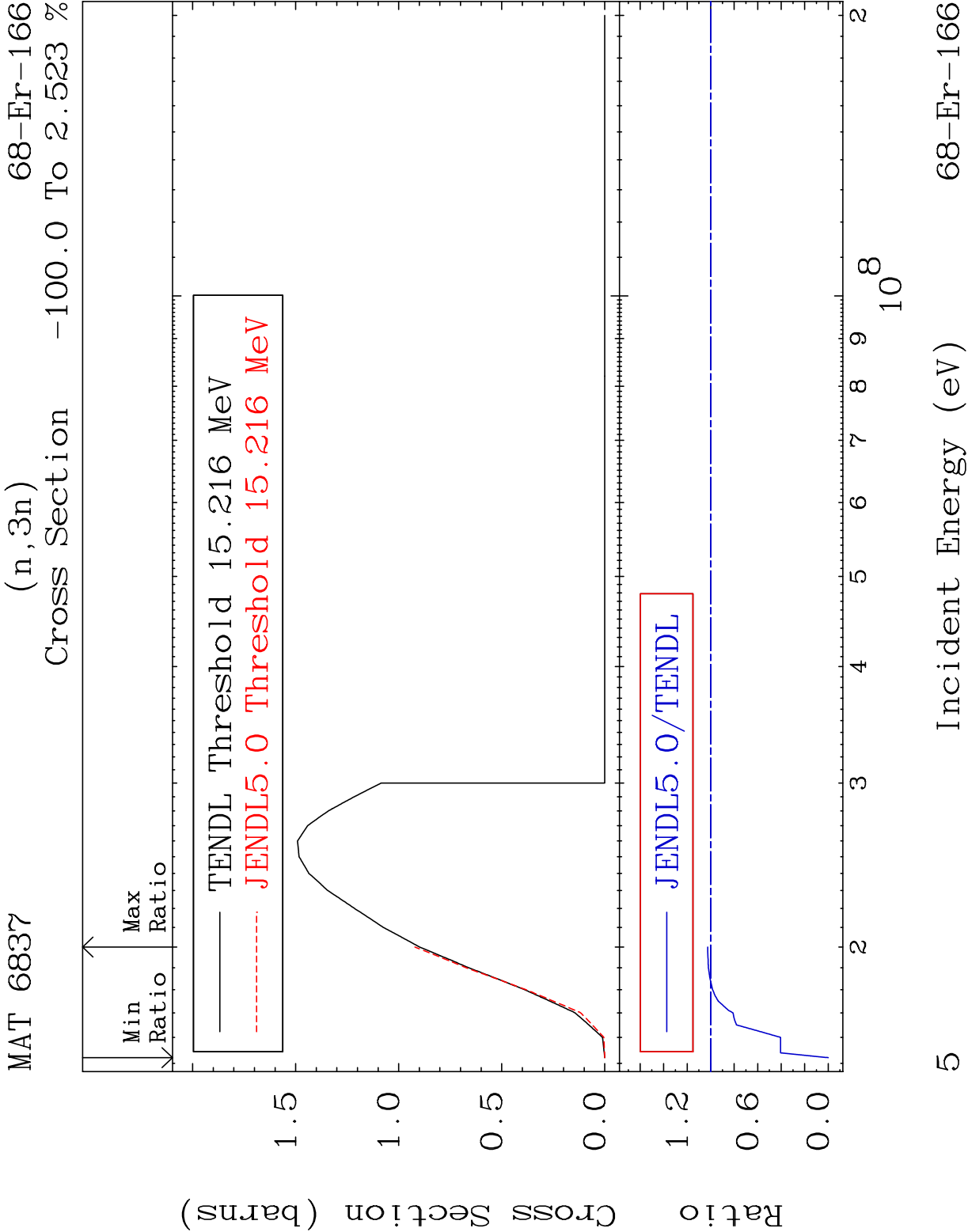
2

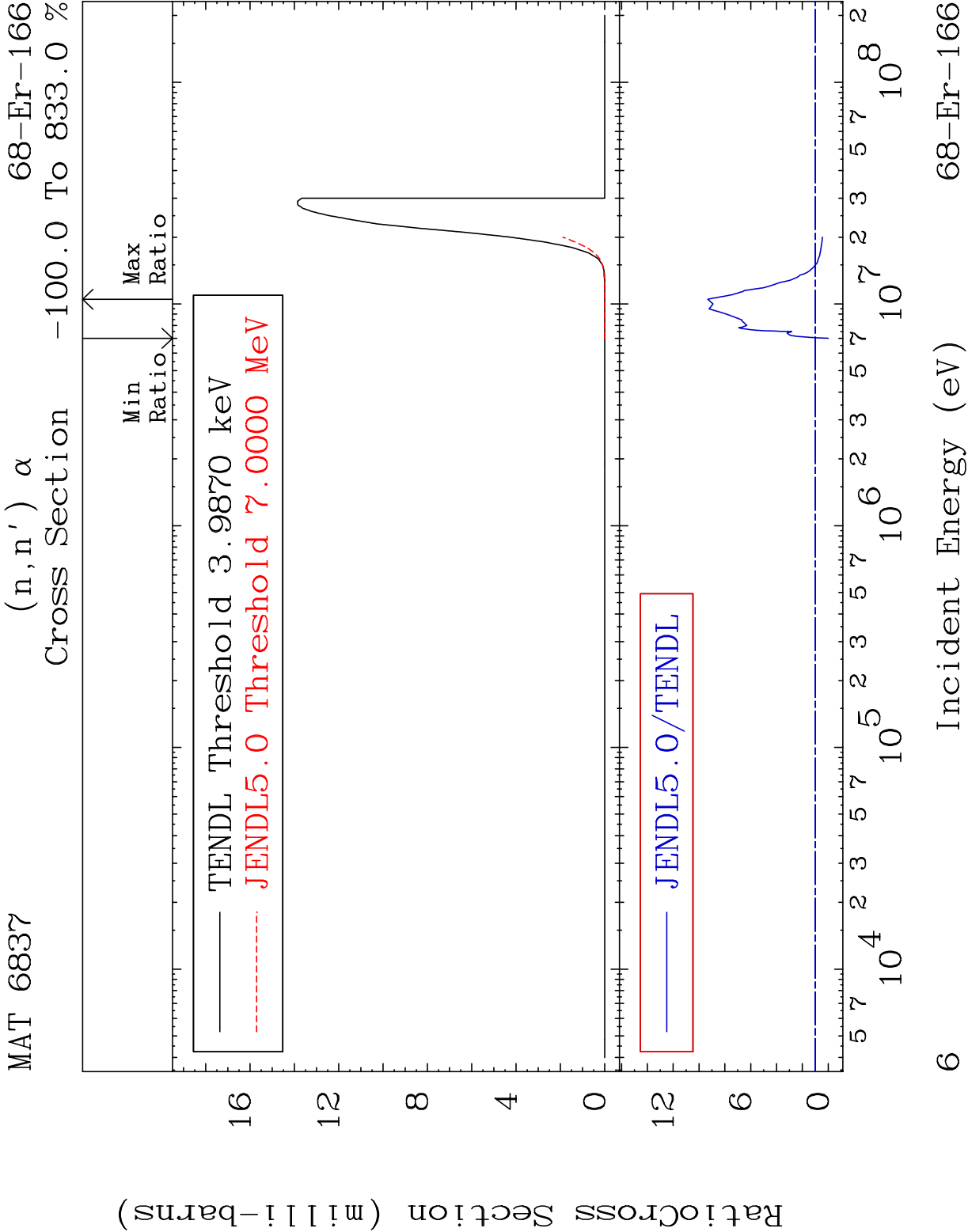
Incident Energy (eV)

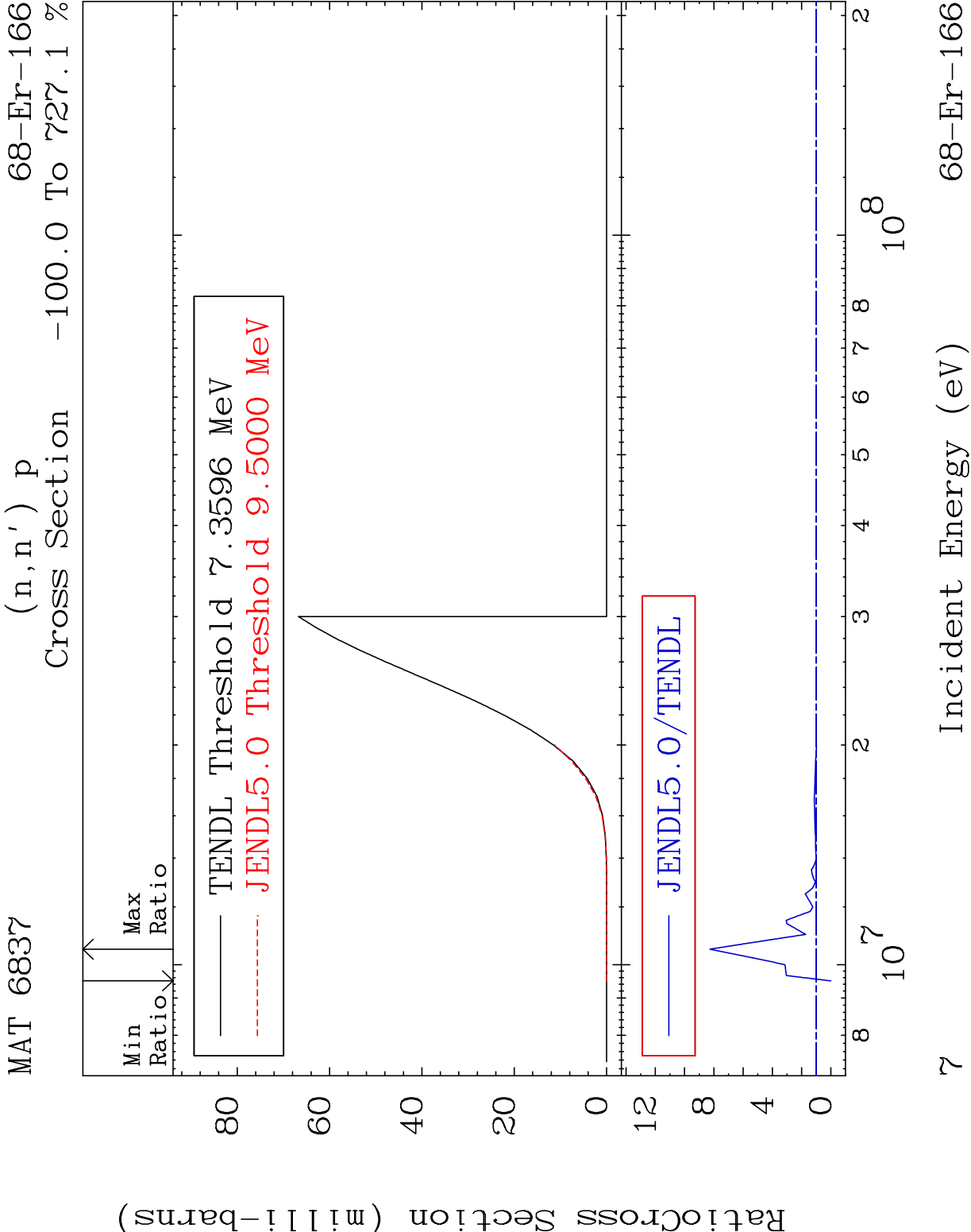
68-Er-166

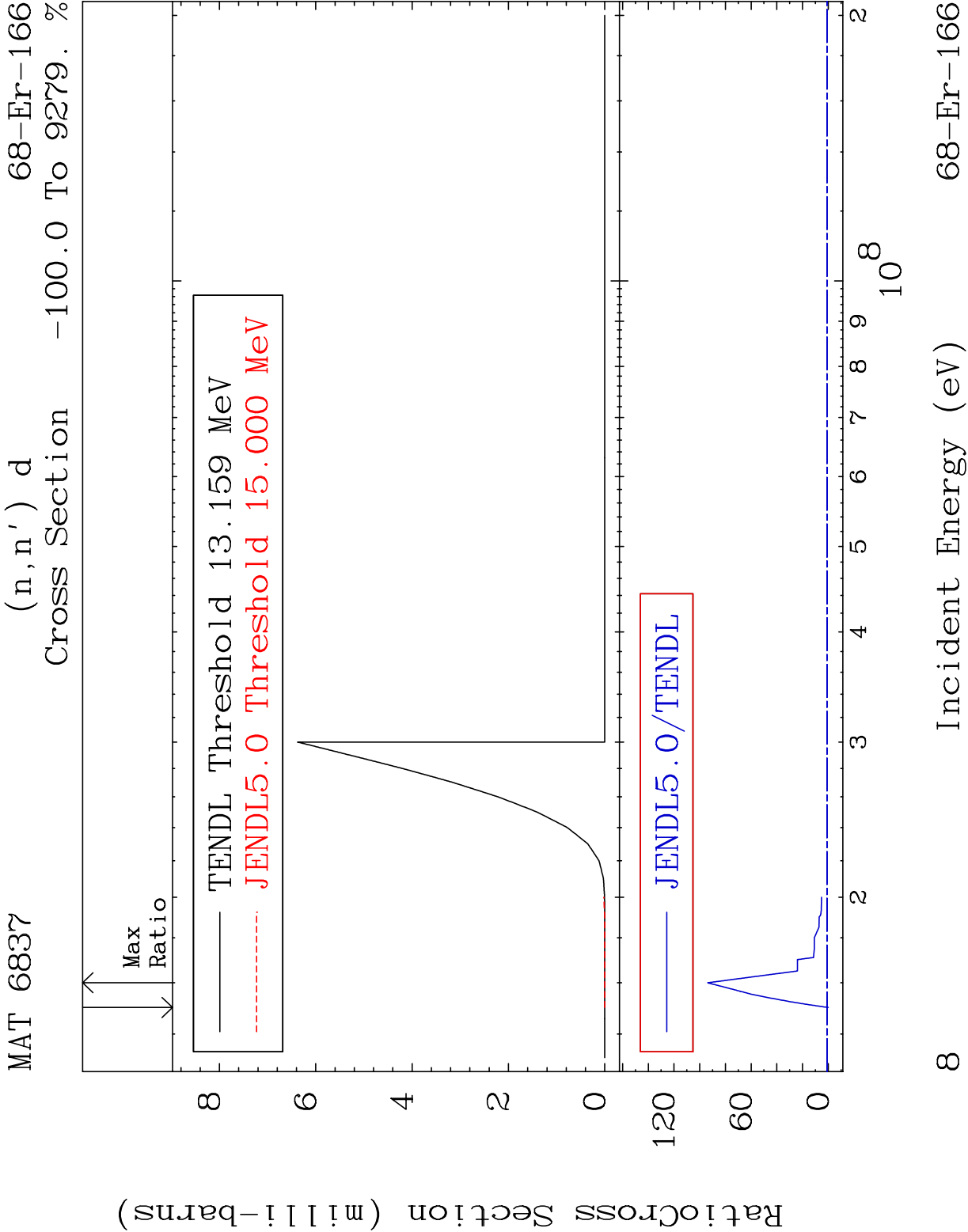




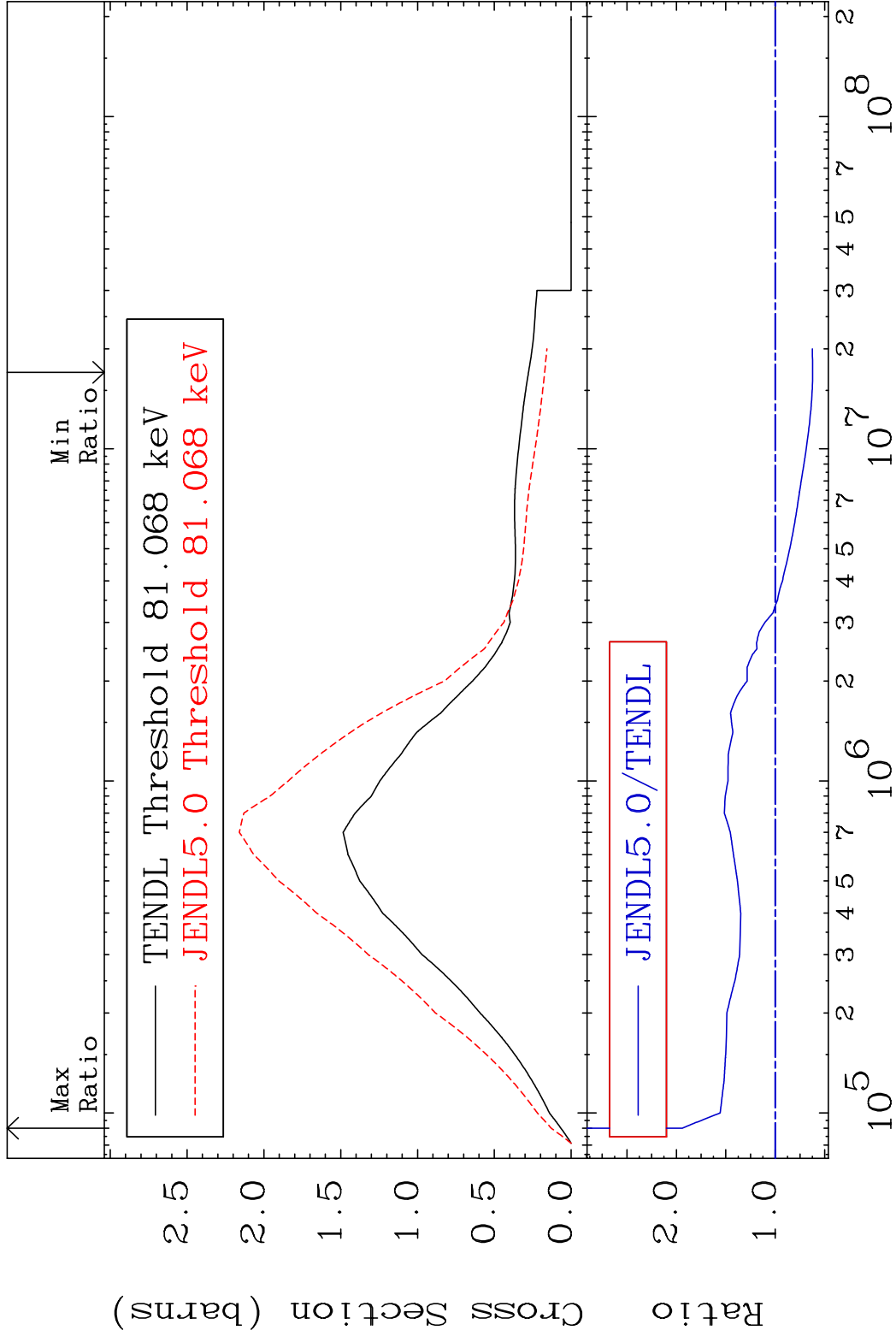




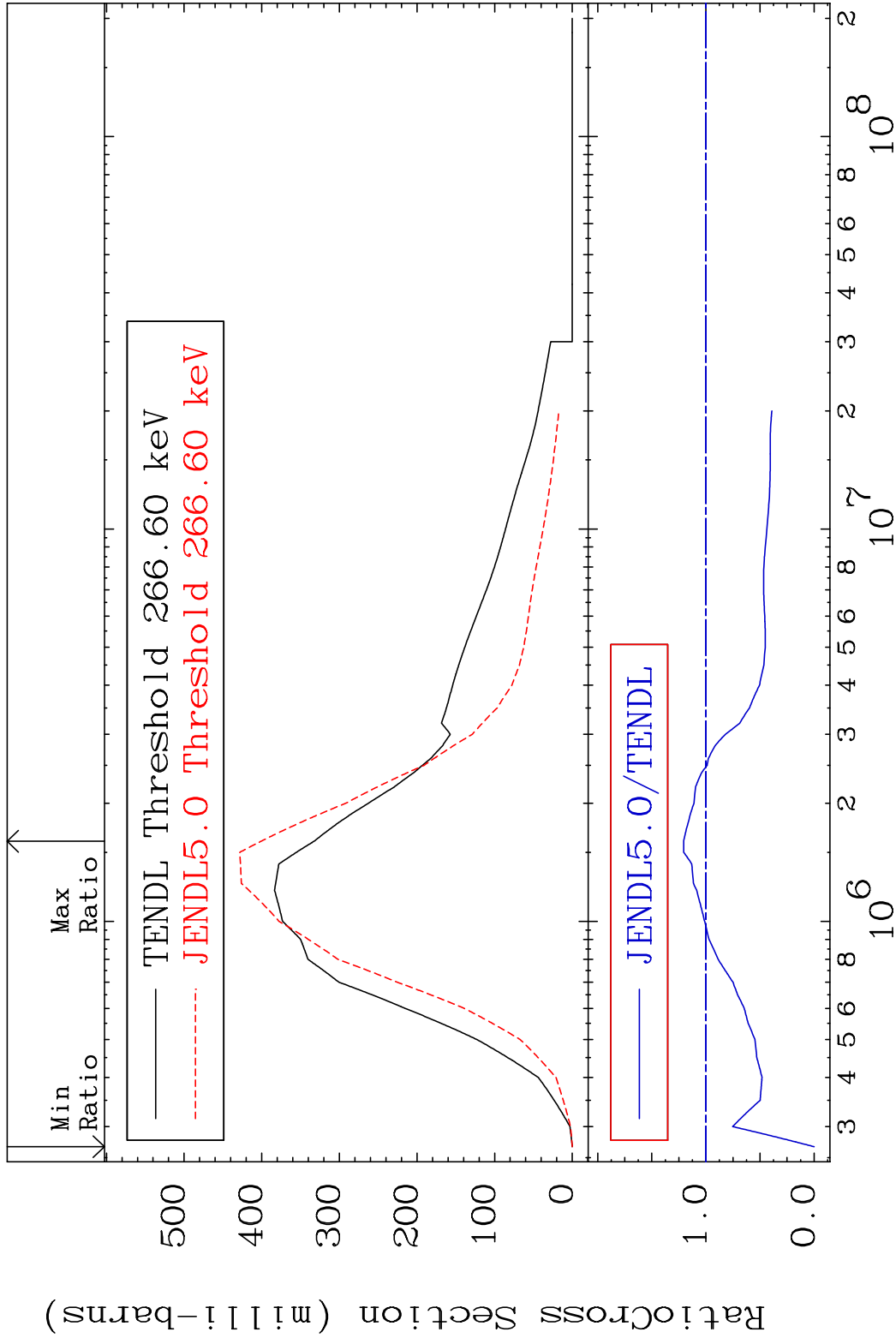


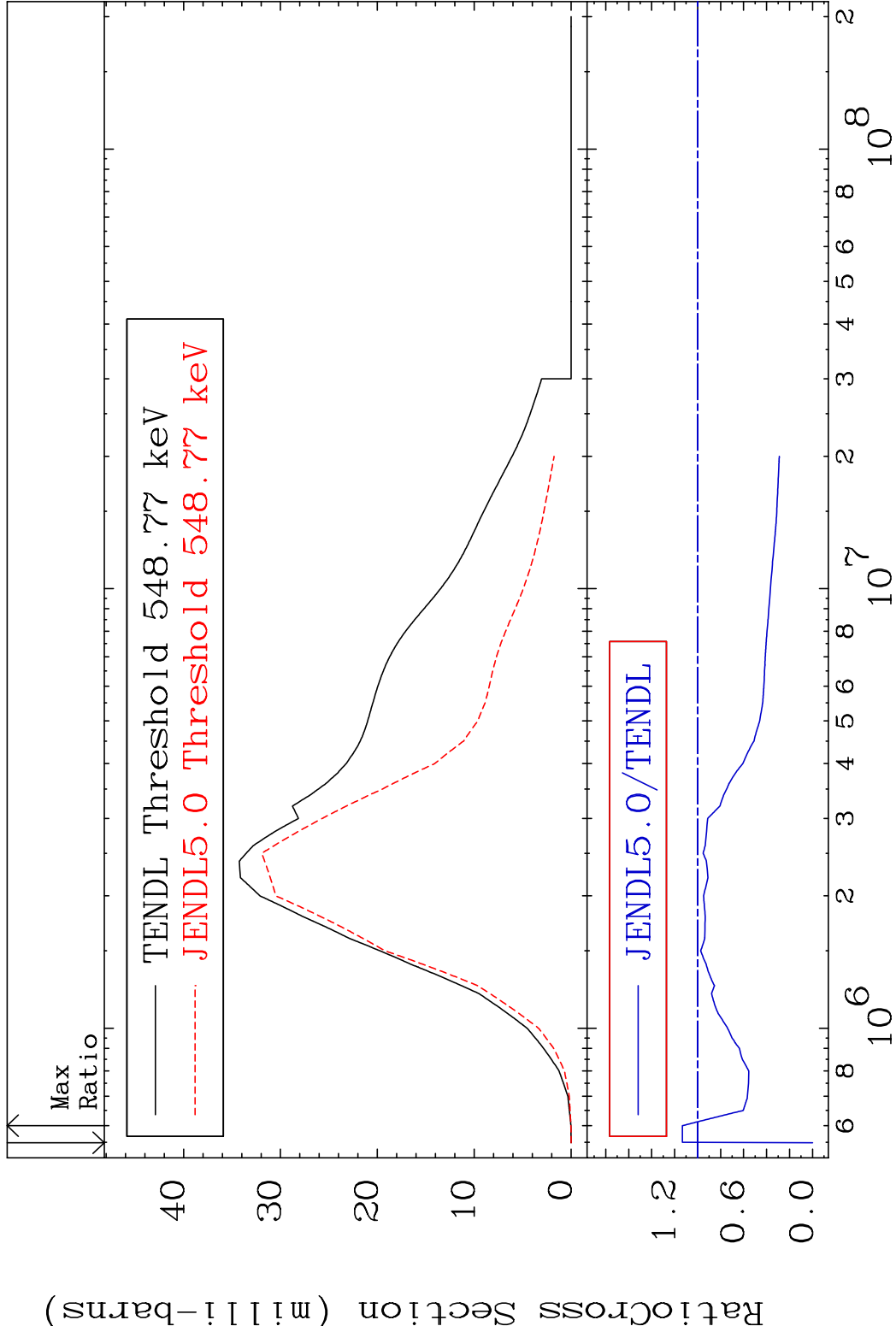


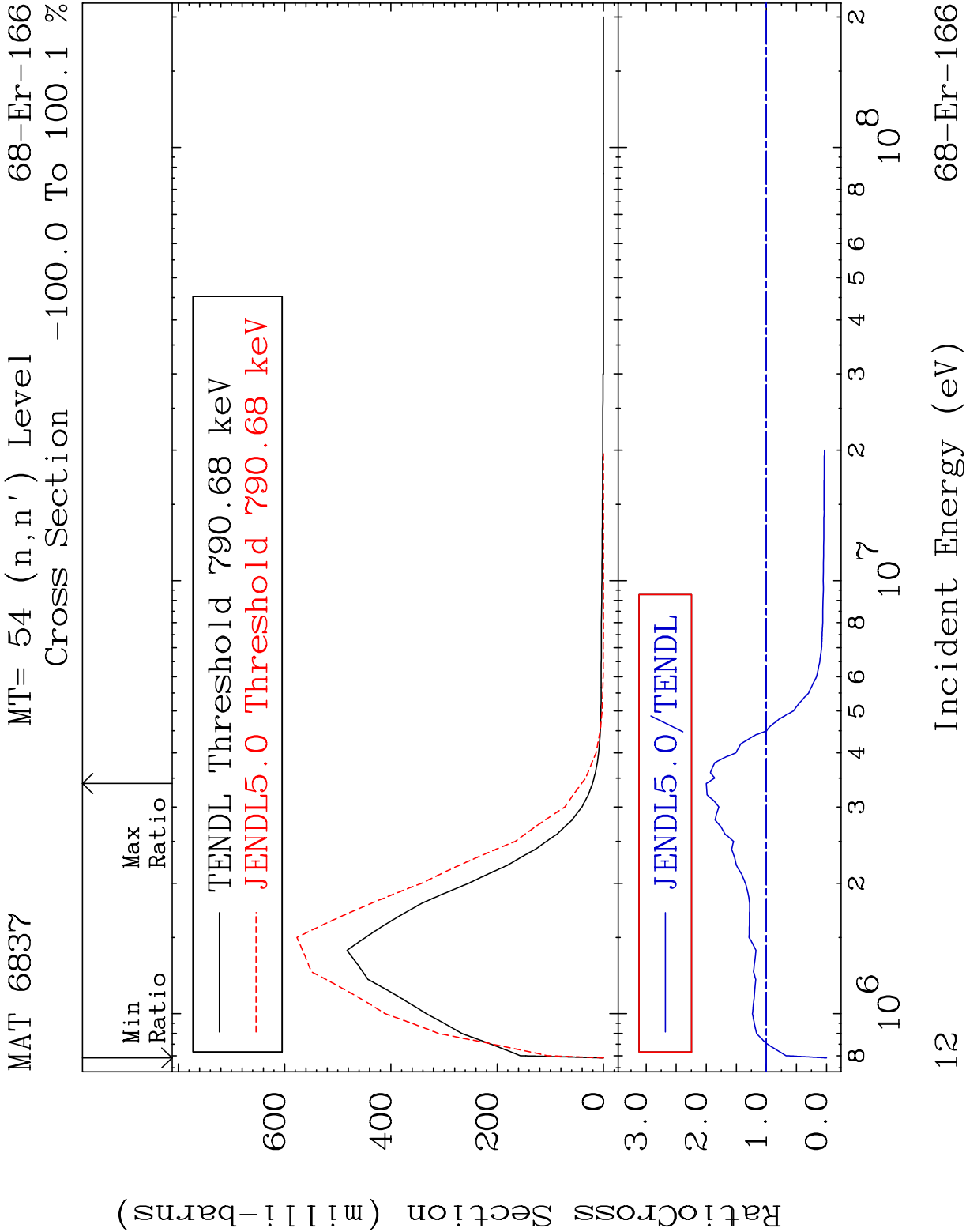
MAT 6837 MT= 51 (n,n') Level 68-Er-166
Cross Section -37.71 To 93.96 %



MAT 6837 MT= 52 (n,n') Level 68-Er-166
Cross Section -100.0 To 20.56 %

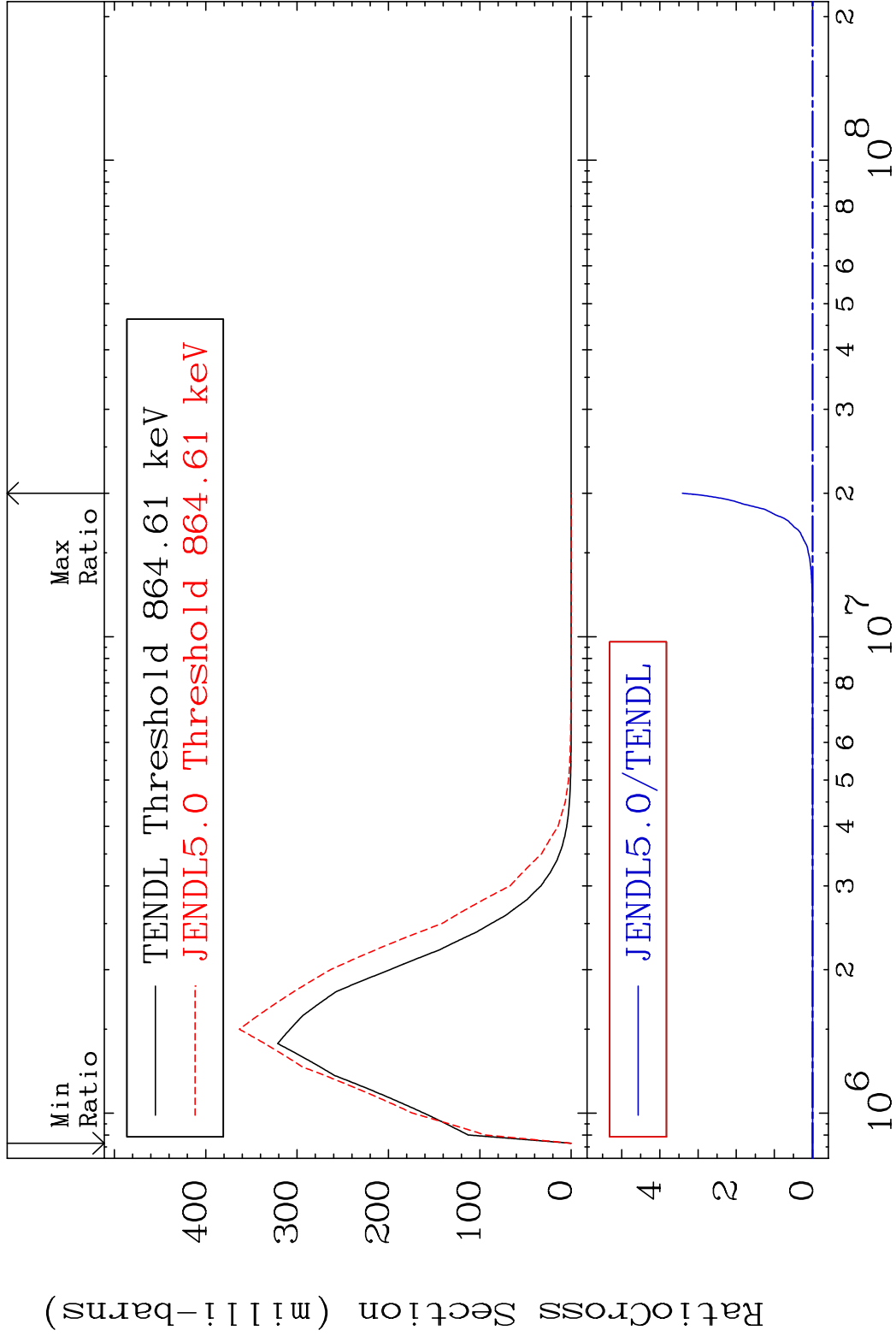






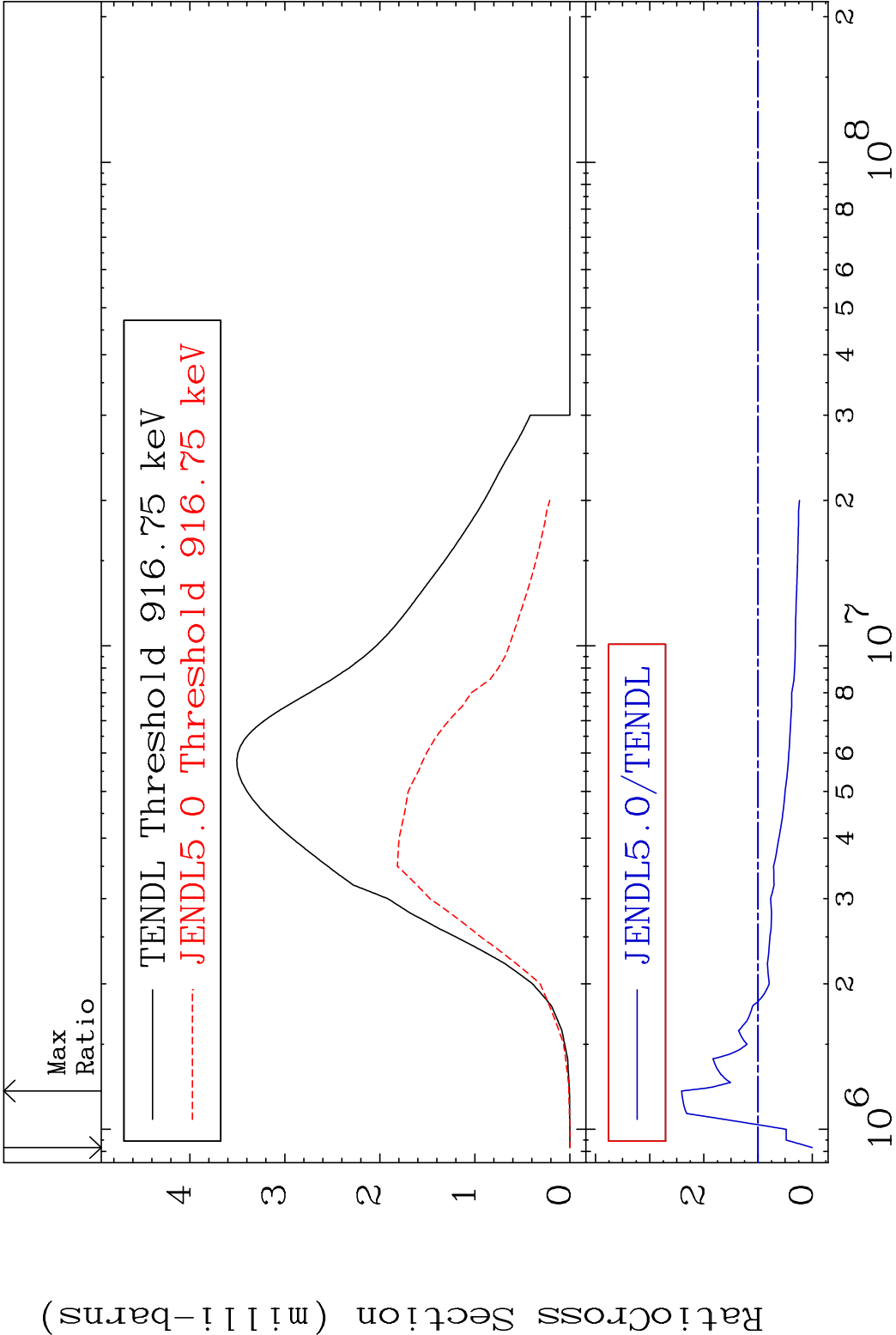
MAT 6837 MT= 55 (n,n') Level 68-Er-166

Cross Section -100.0 To 9999. %

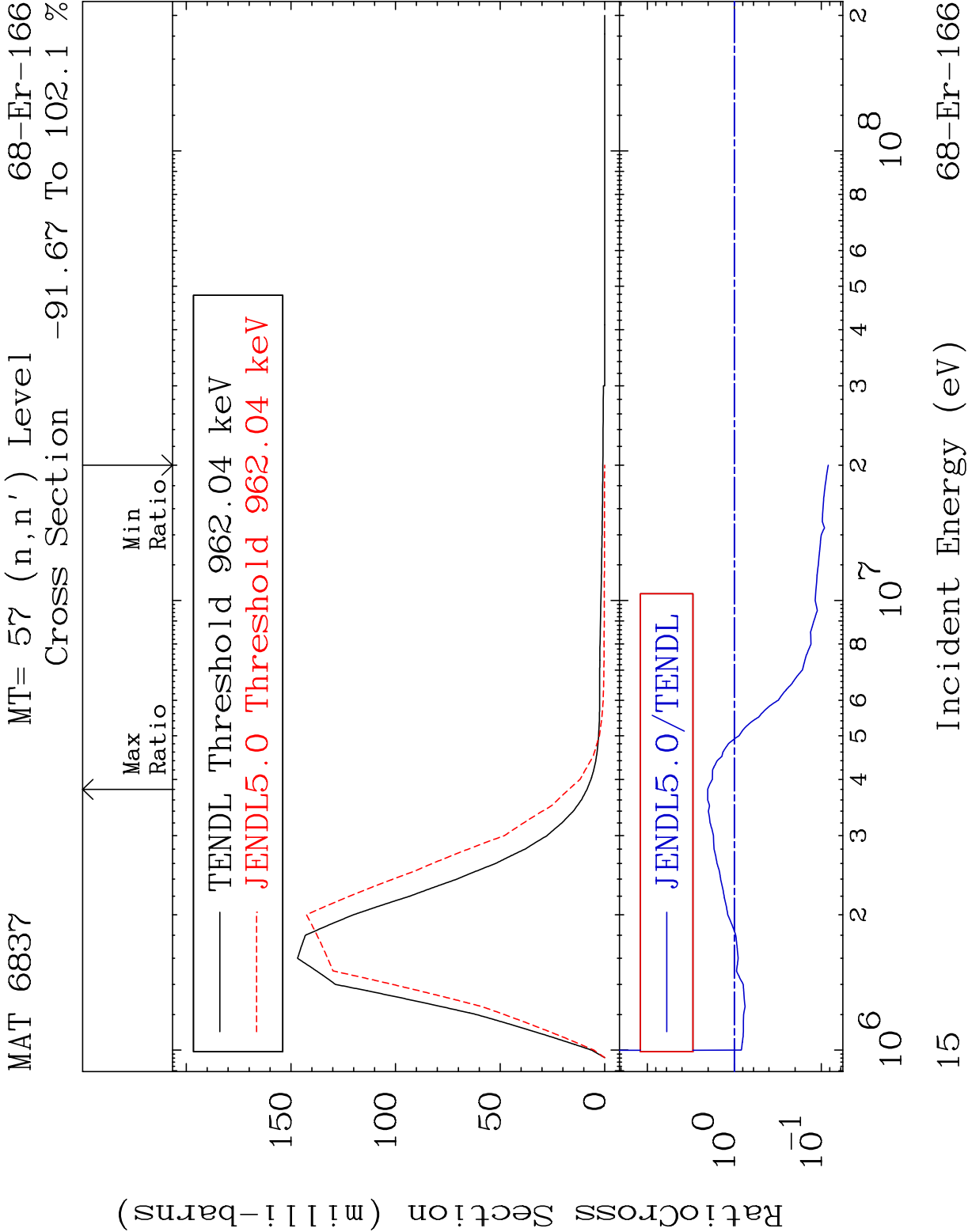


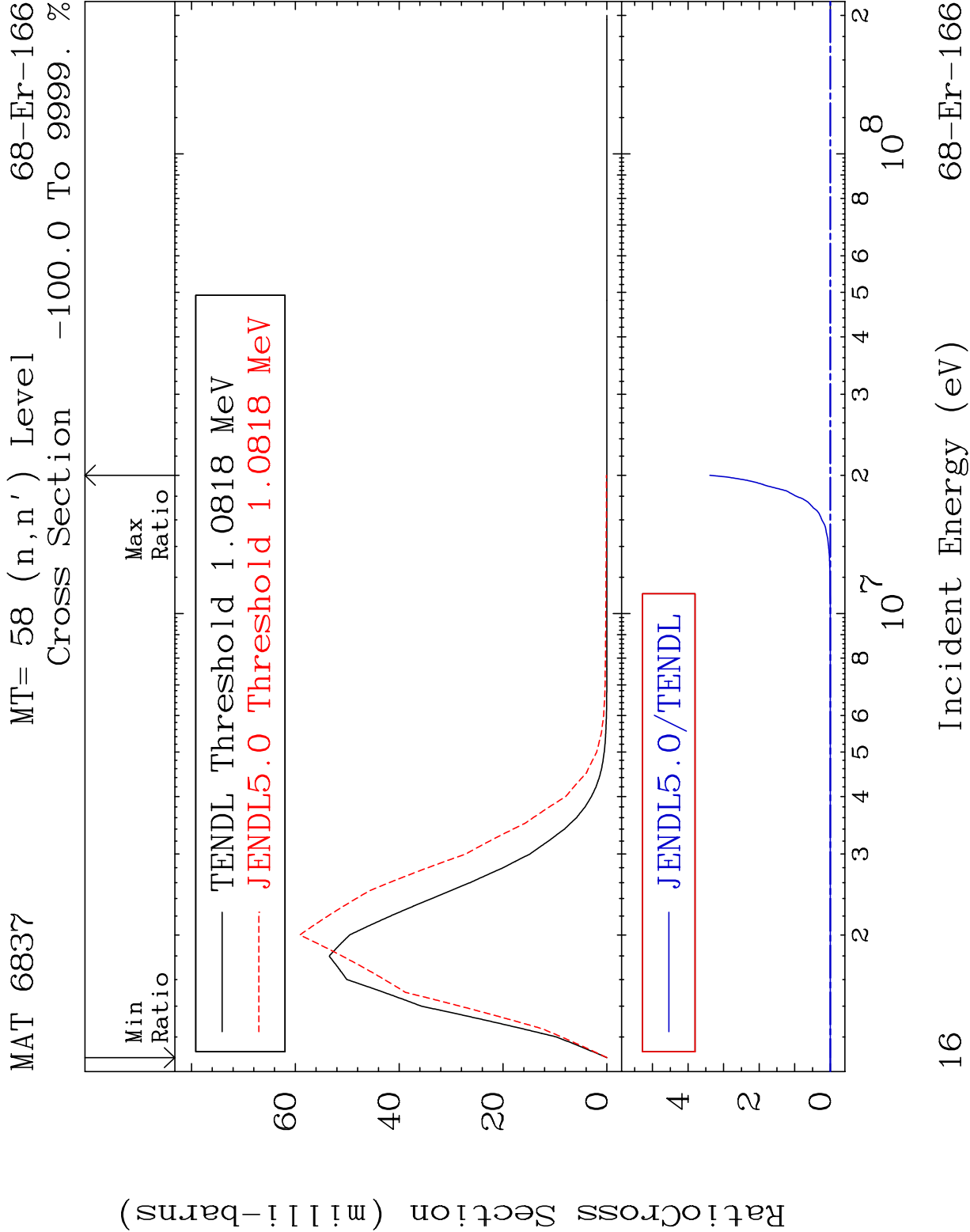
13 Incident Energy (eV) 68-Er-166

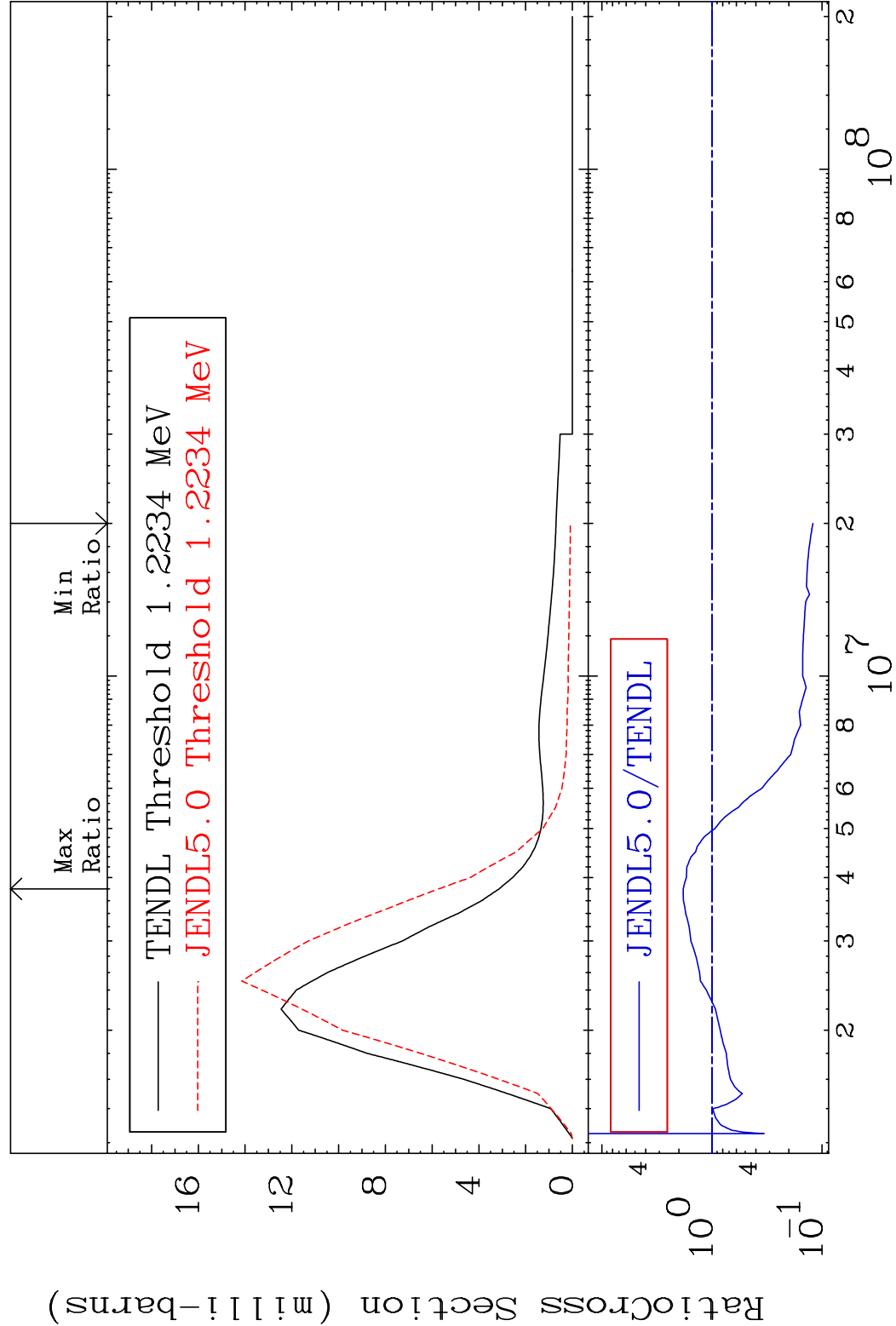
MAT 6837 MT= 56 (n,n') Level 68-Er-166
Cross Section -100.0 To 141.2 %

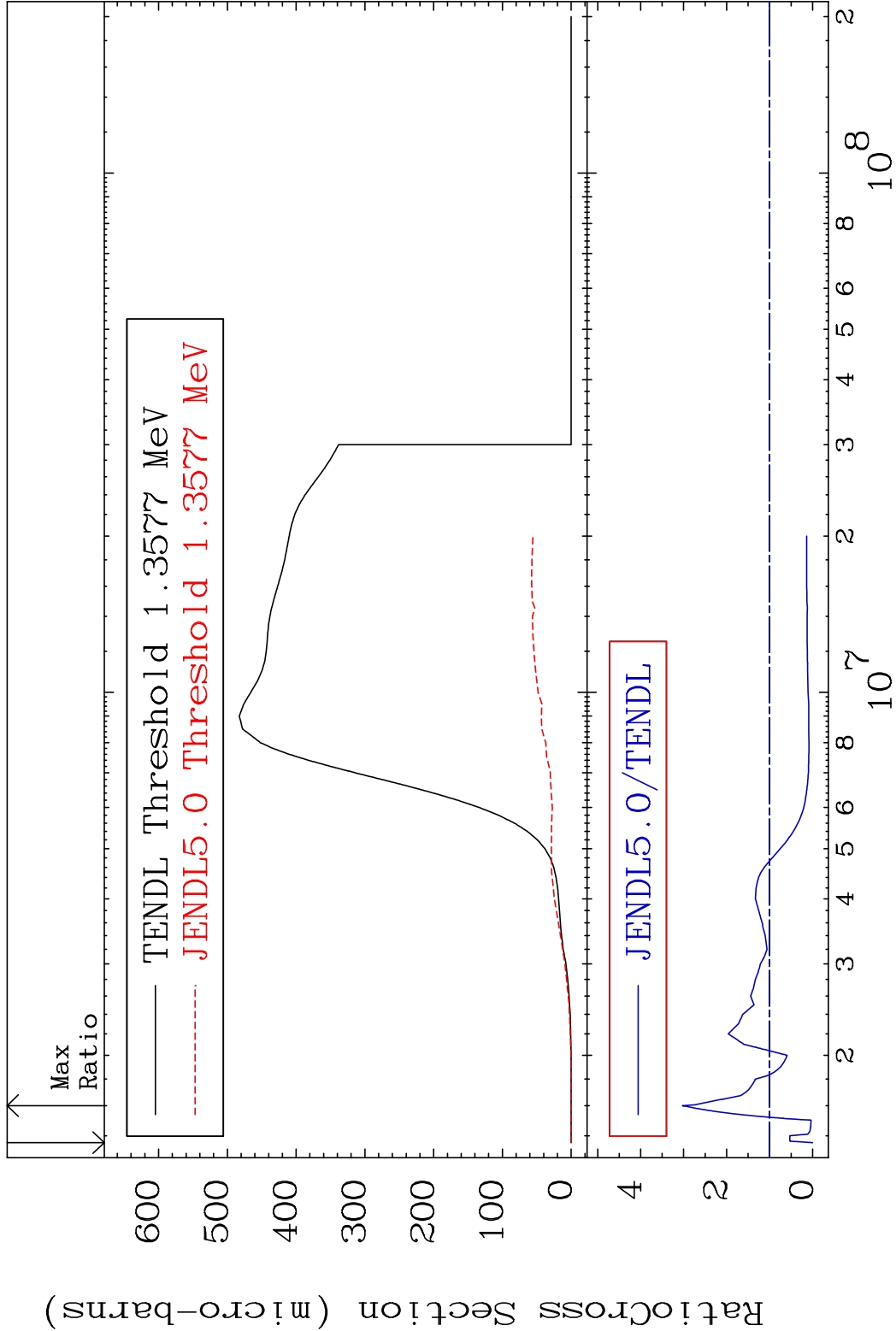


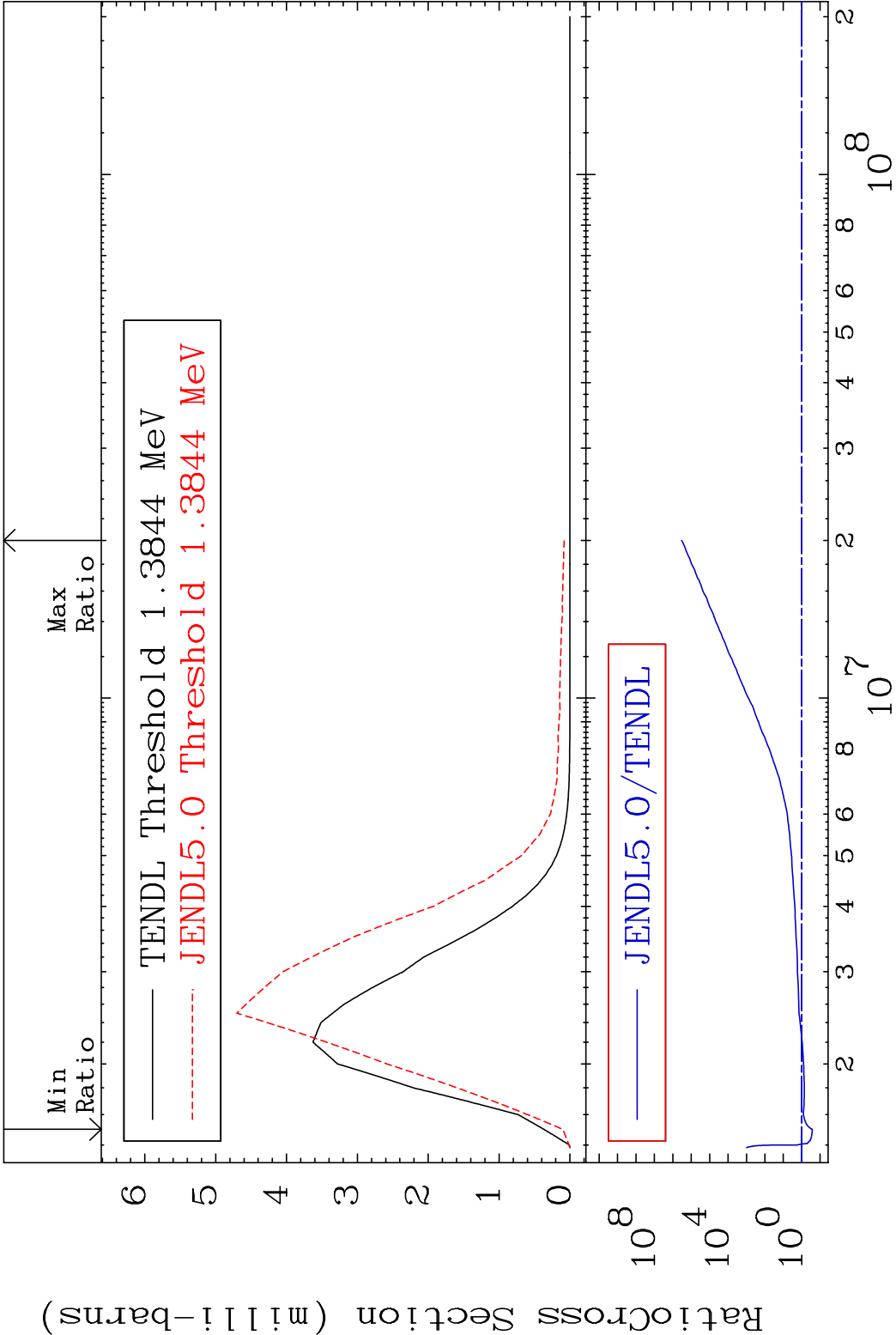
14 Incident Energy (eV) 68-Er-166

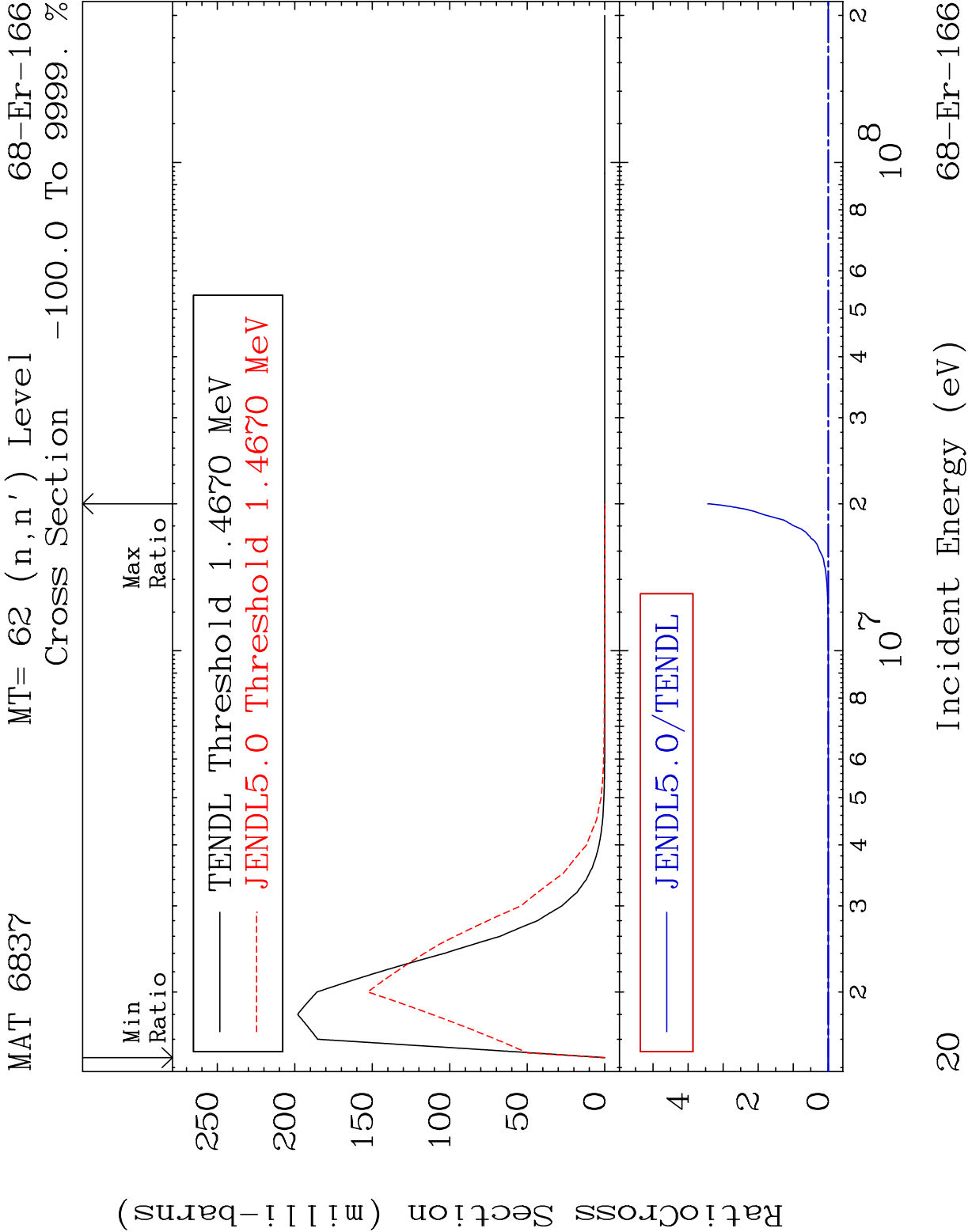


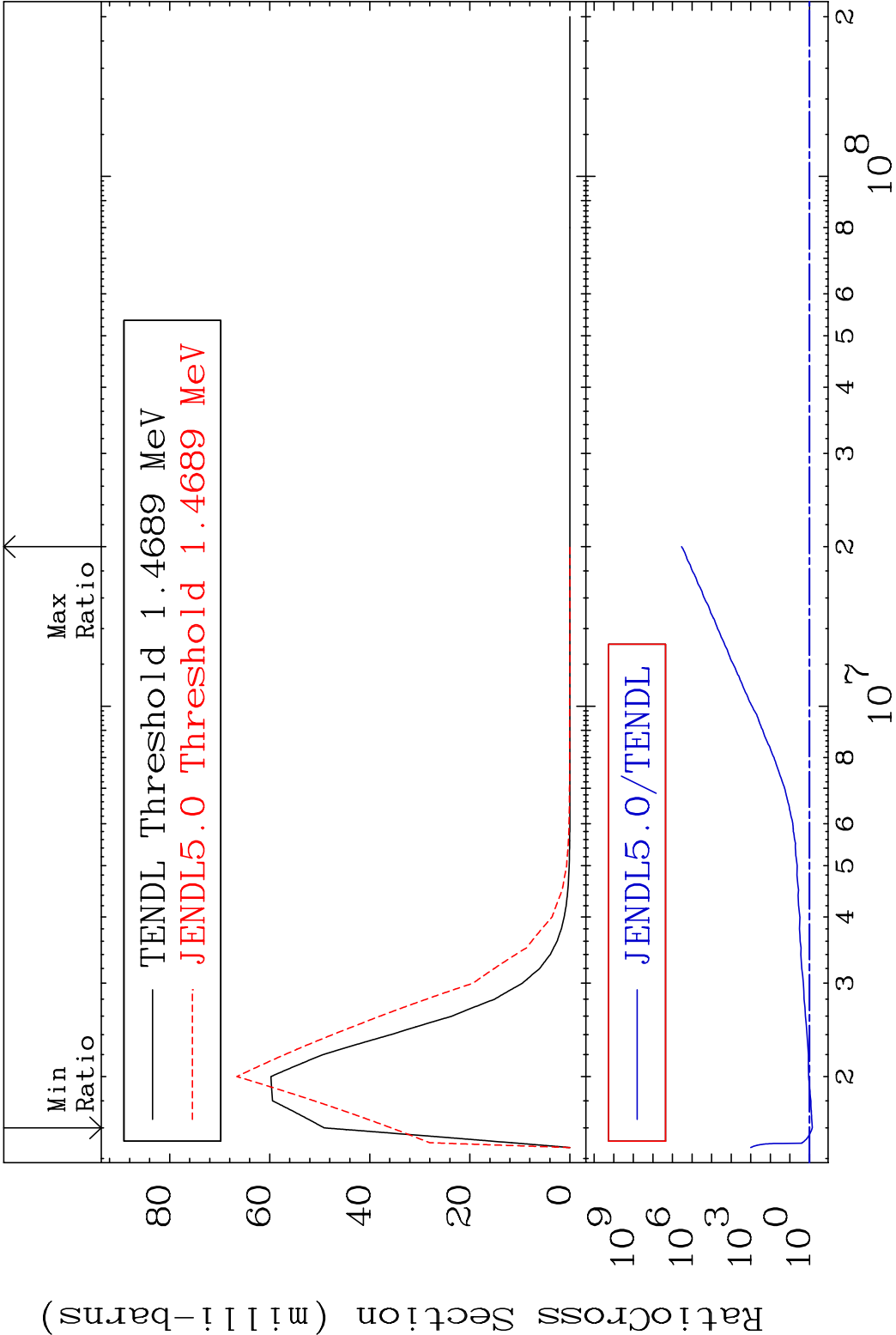












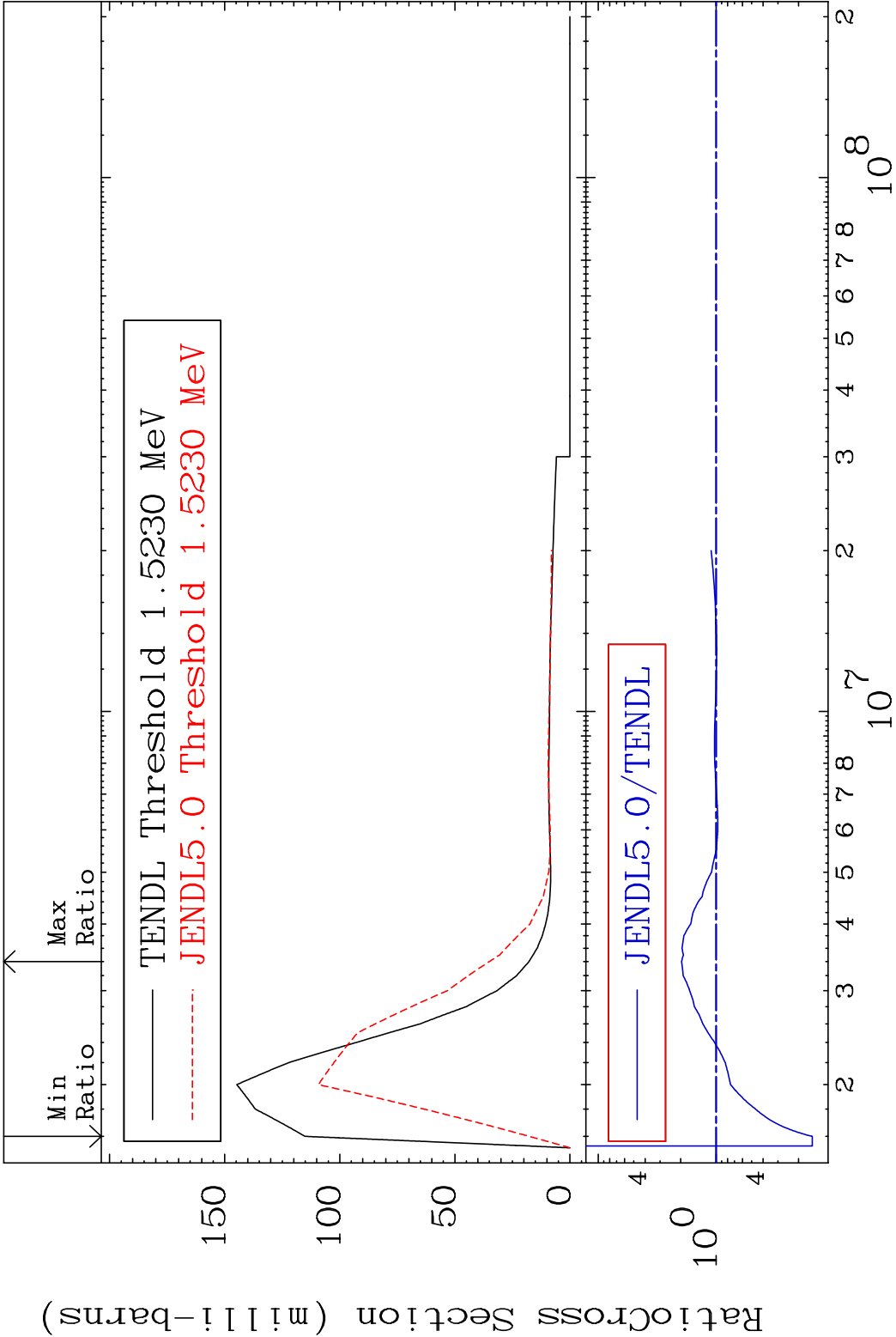
MAT 6837

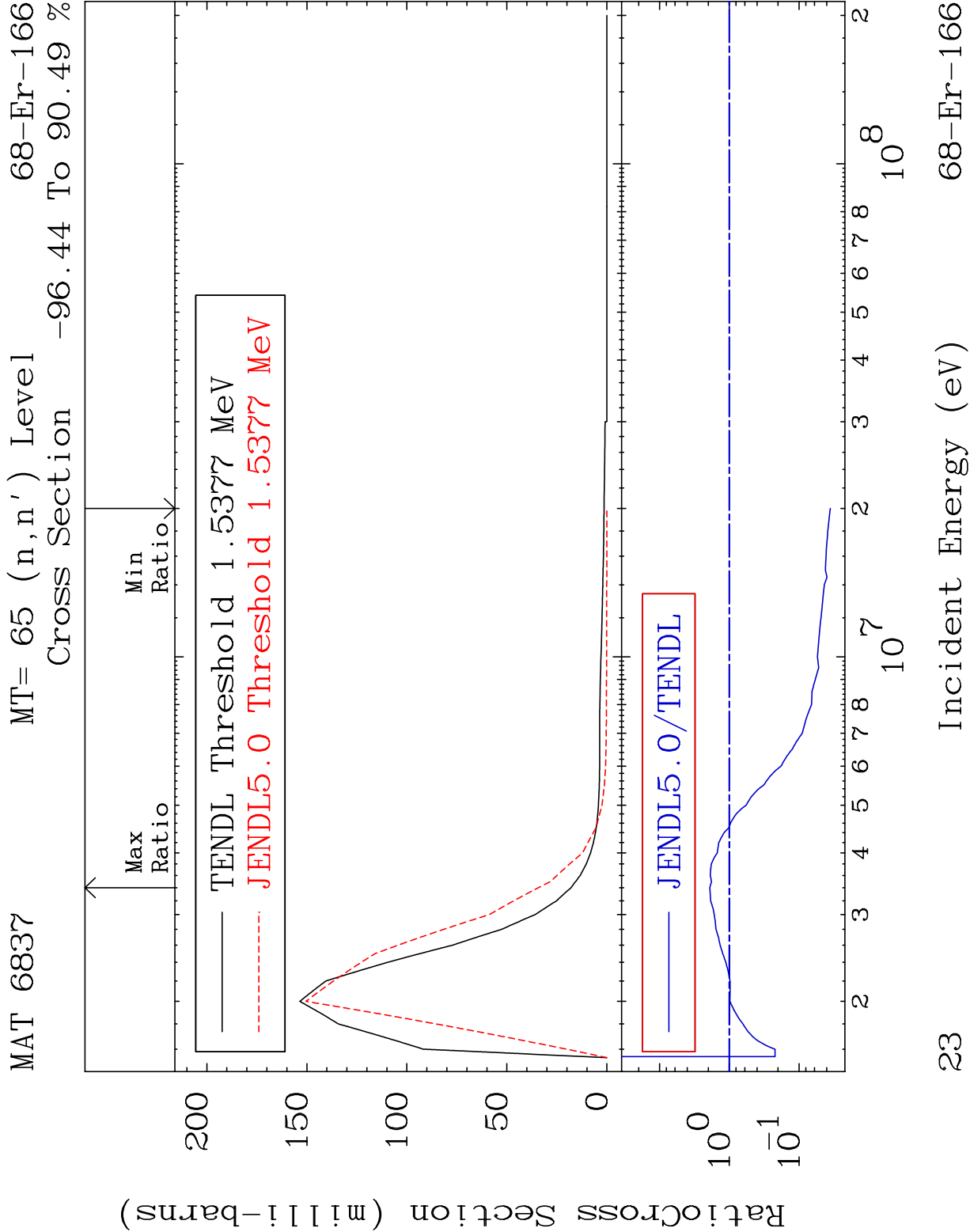
MT= 64 (n,n') Level

68-Er-166

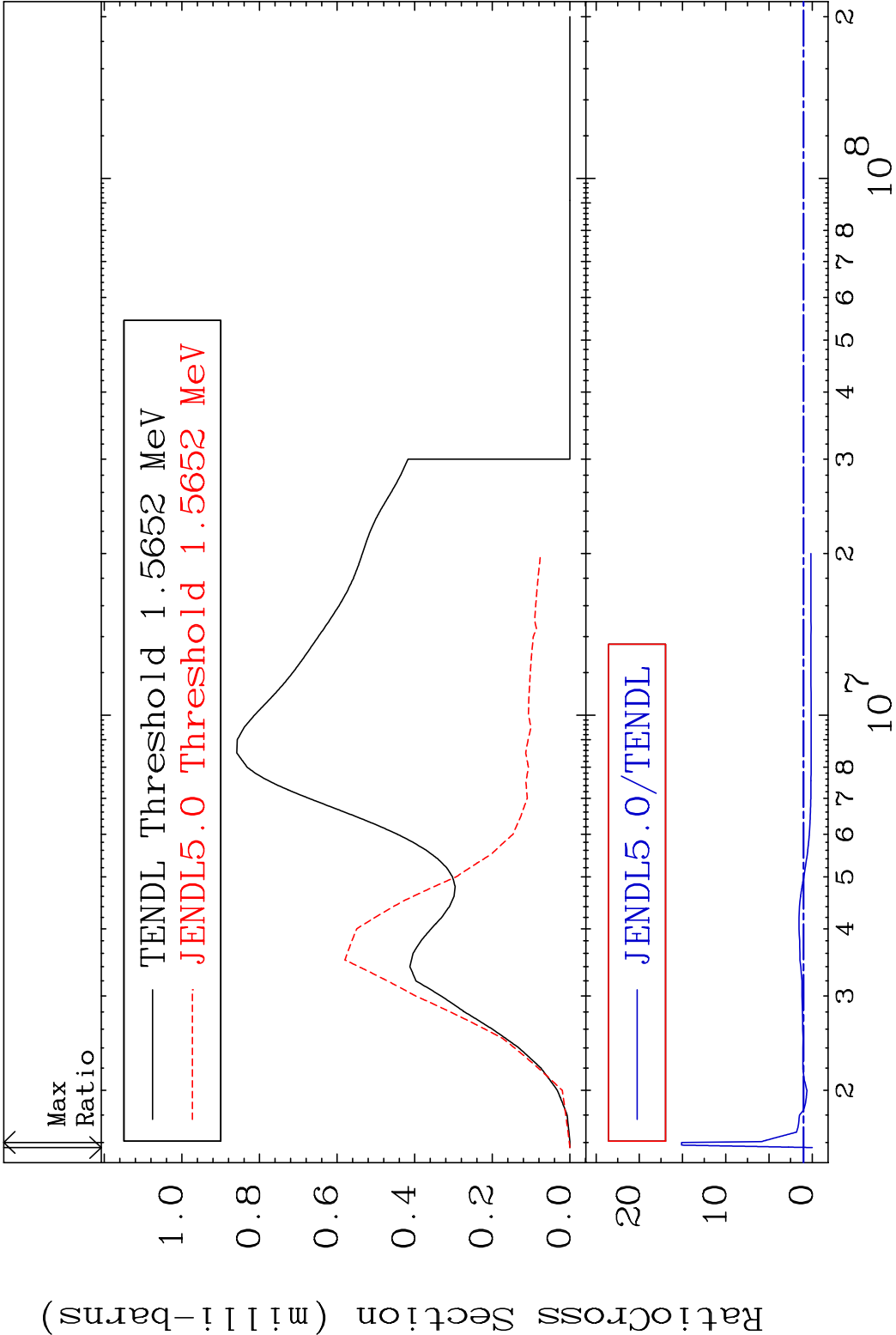
Cross Section

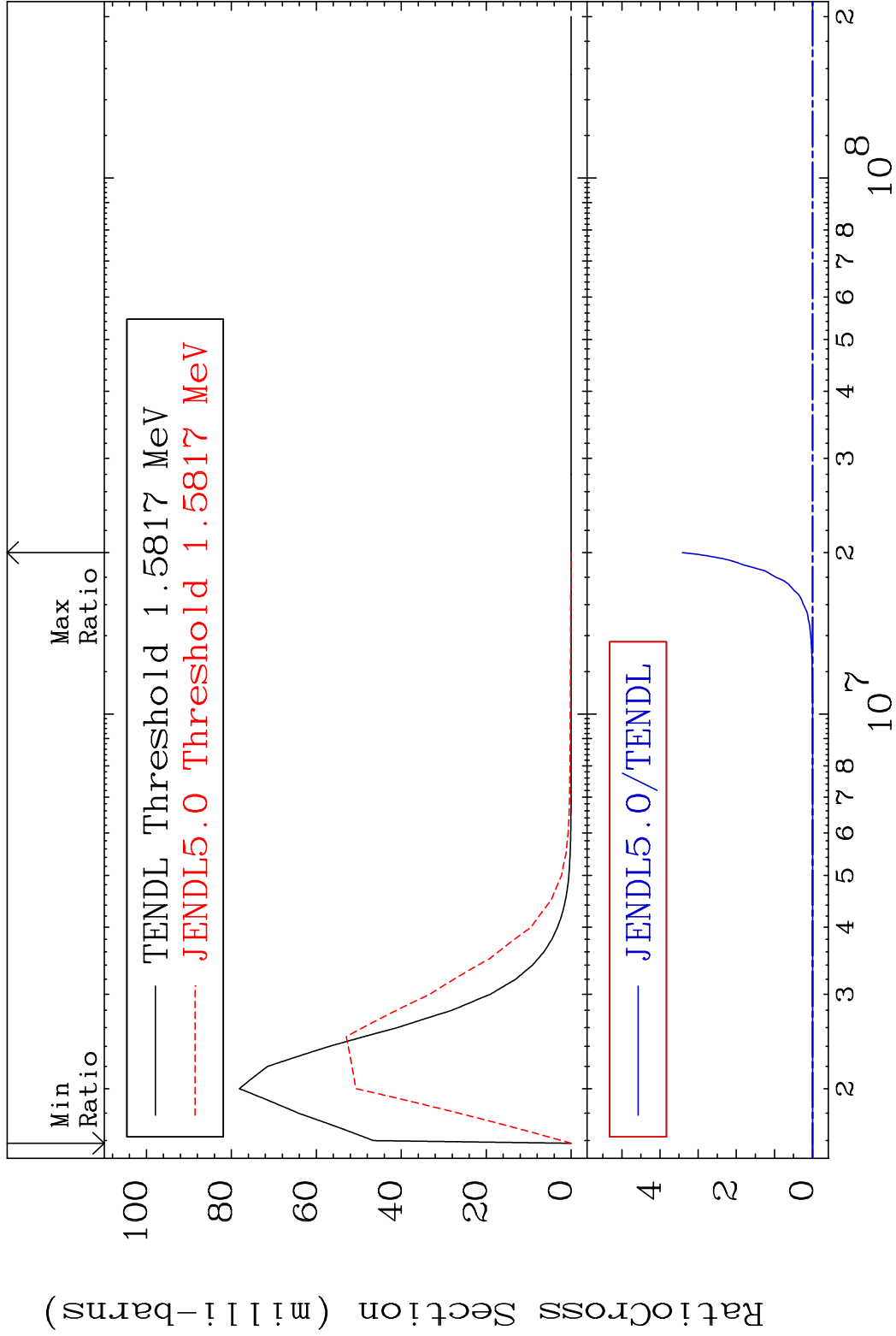
-84.66 To 96.96 %

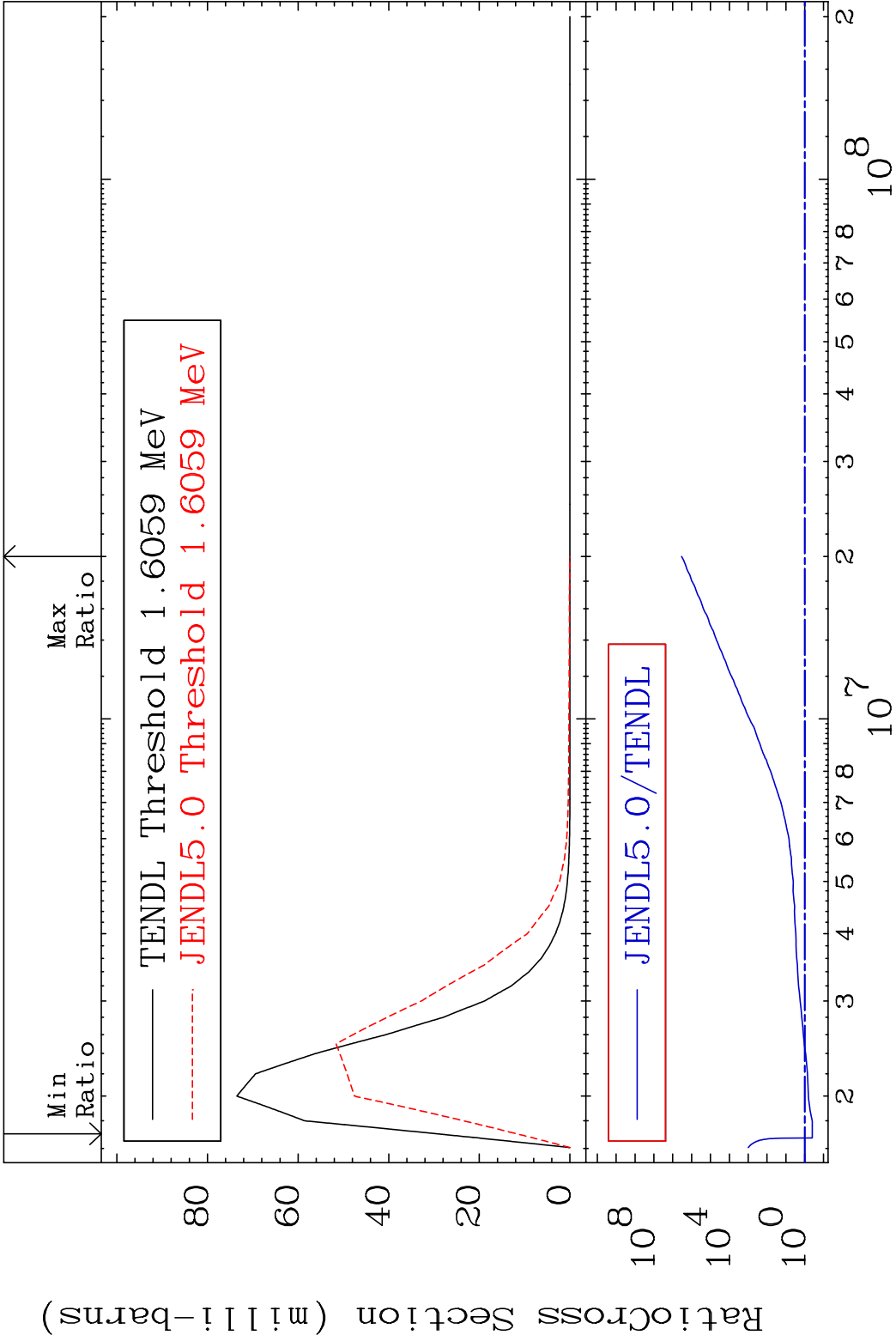


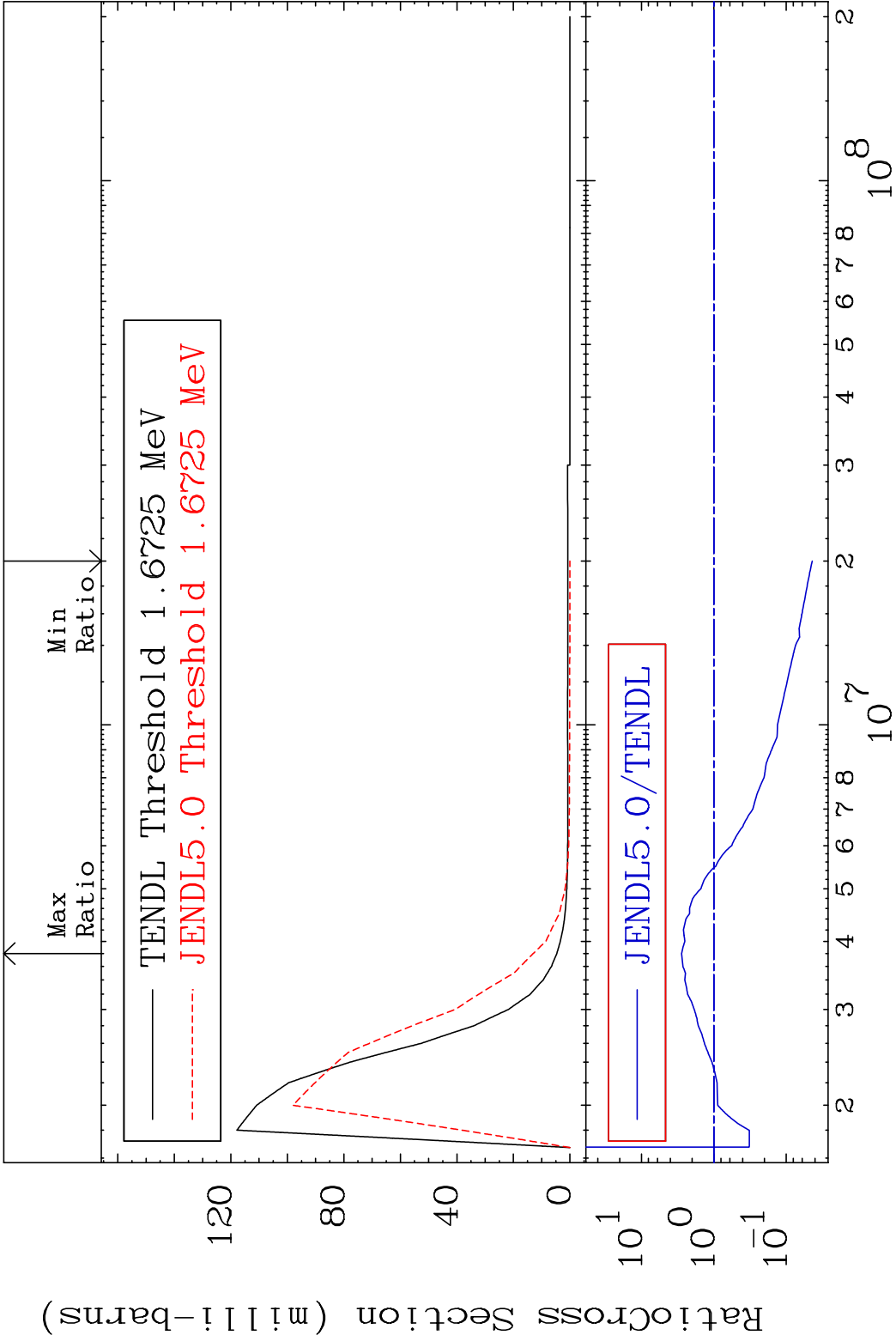


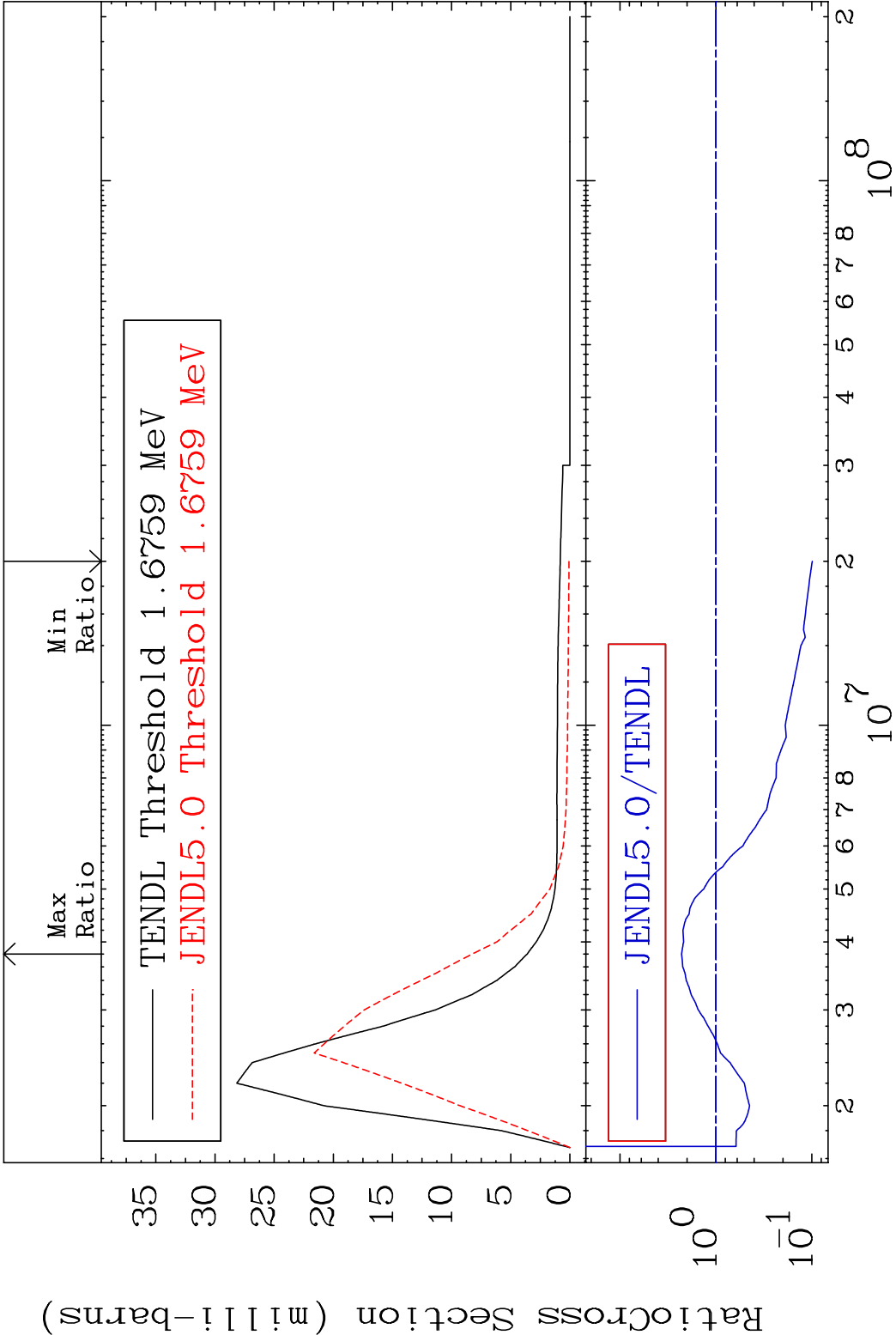
MAT 6837 MT= 66 (n,n') Level 68-Er-166
Cross Section -100.0 To 1412. %

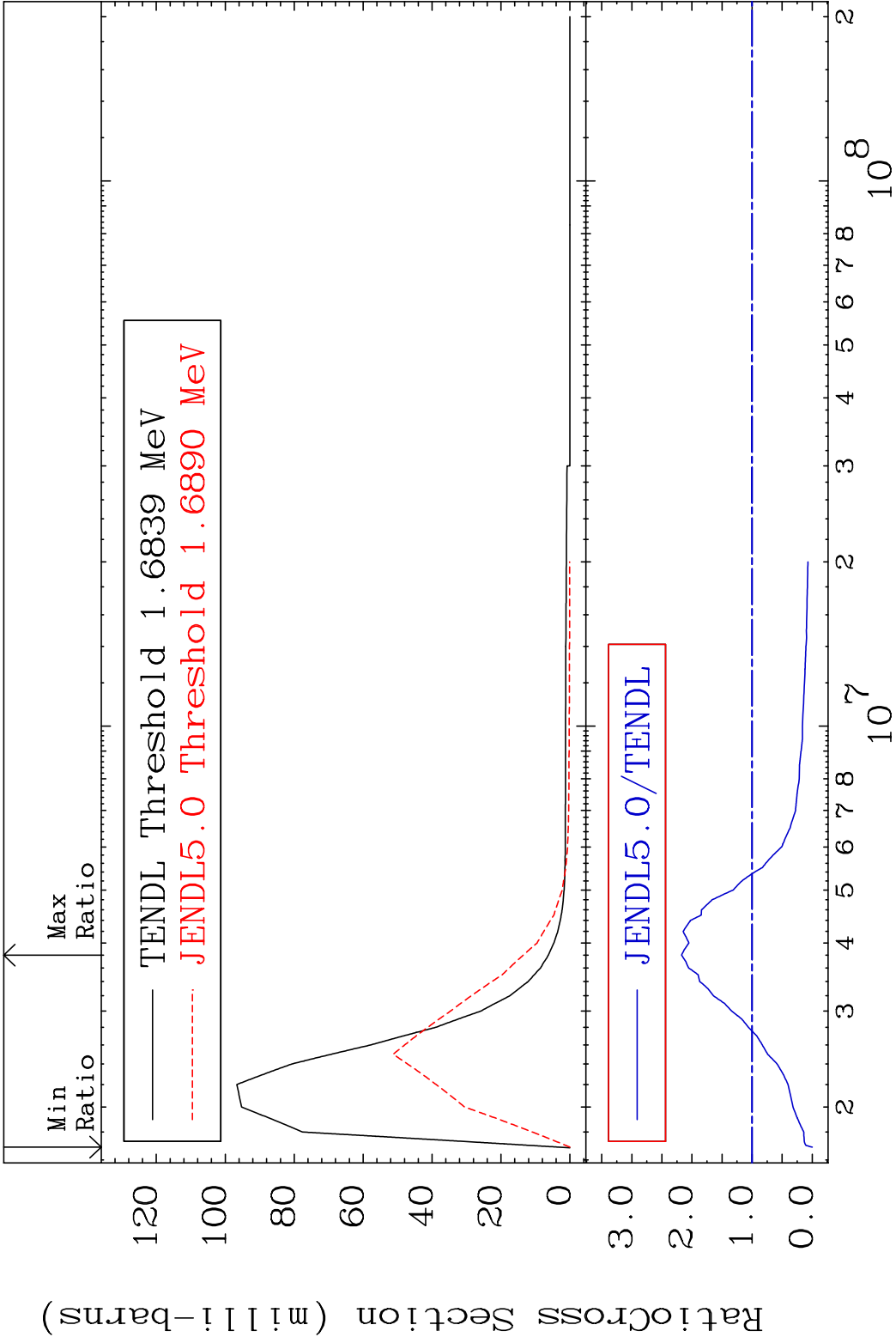




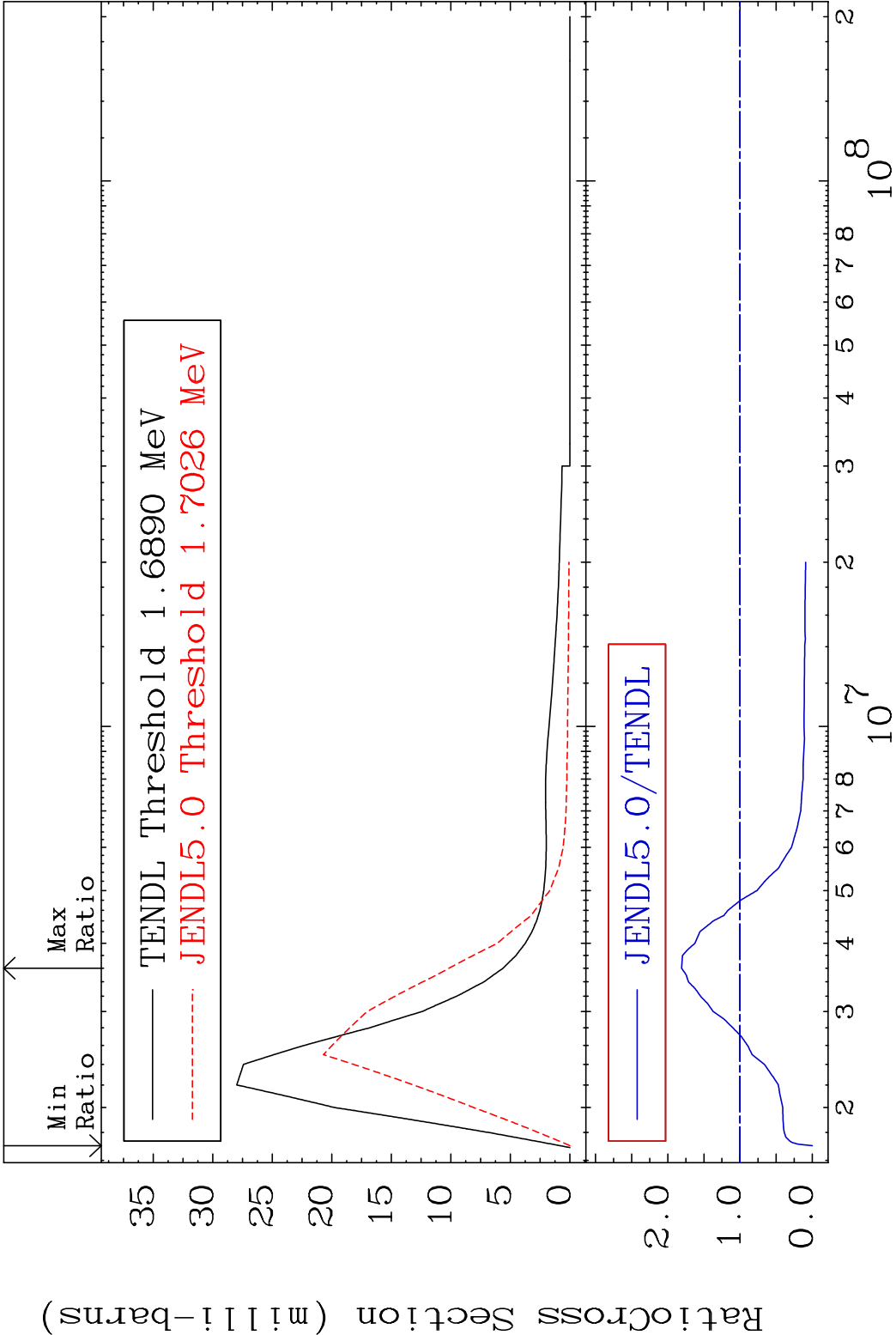








MAT 6837 MT= 72 (n,n') Level 68-Er-166
Cross Section -100.0 To 80.97 %



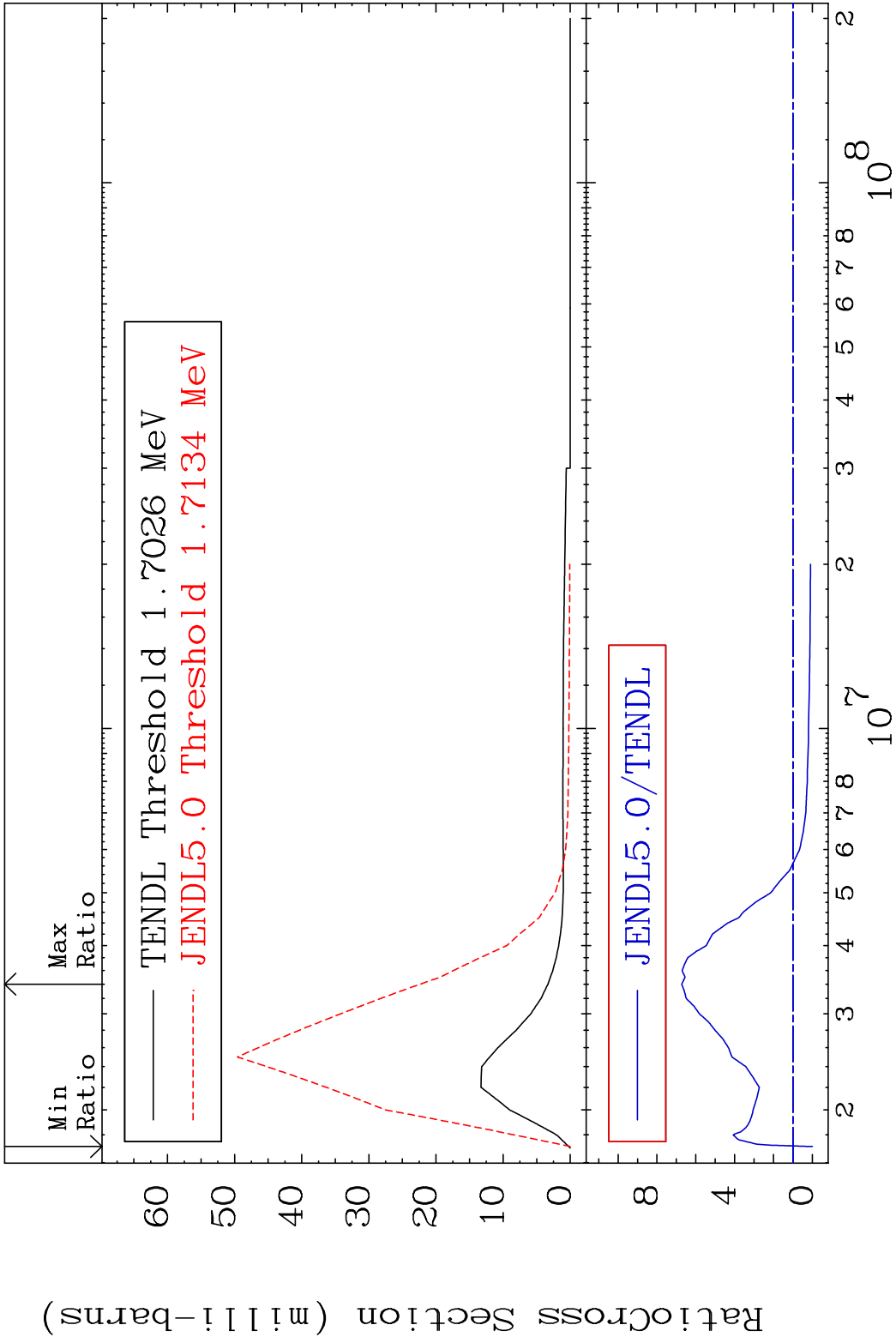
MAT 6837

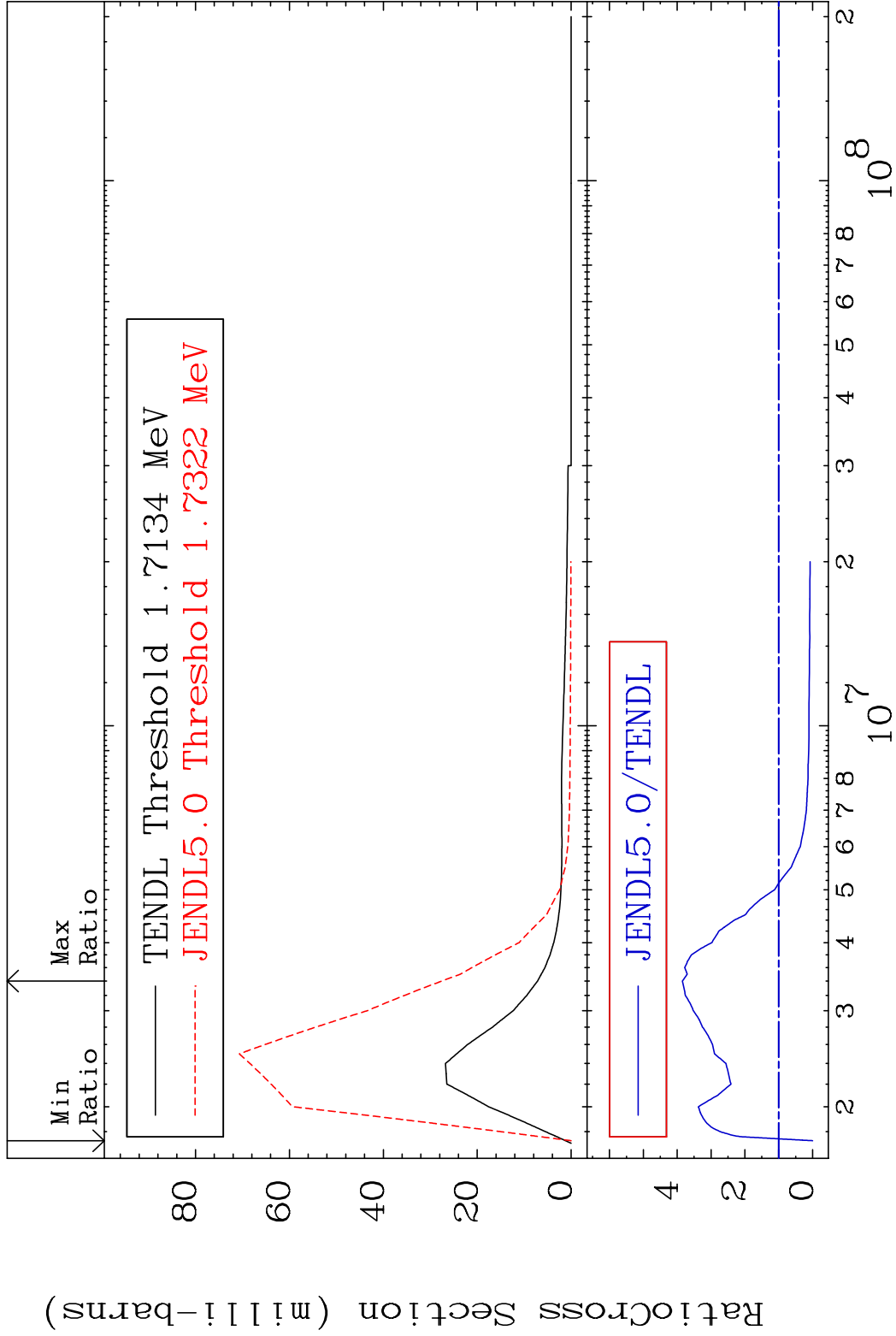
MT= 73 (n,n') Level

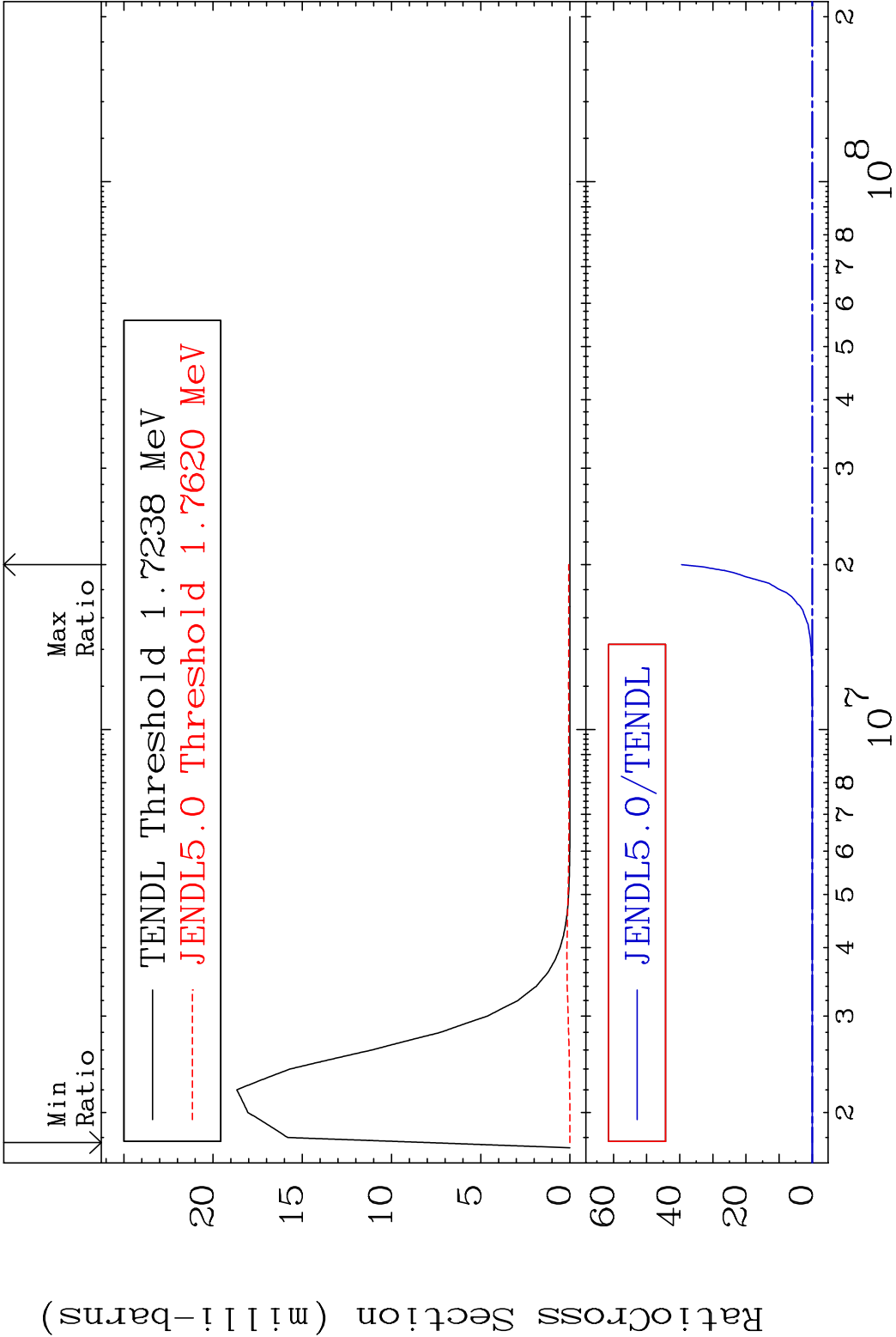
68-Er-166

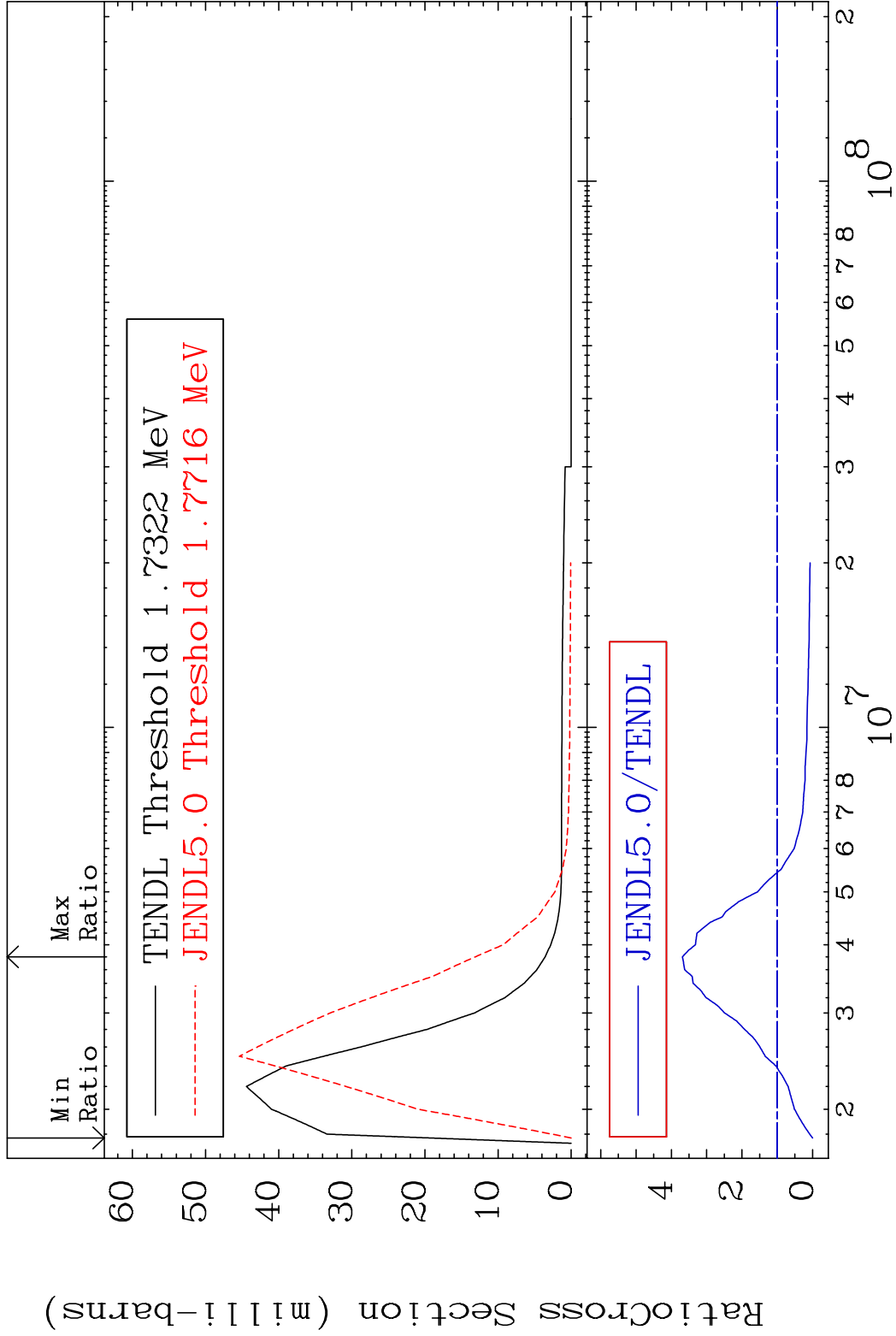
Cross Section

-100.0 To 572.3 %









MAT 6837

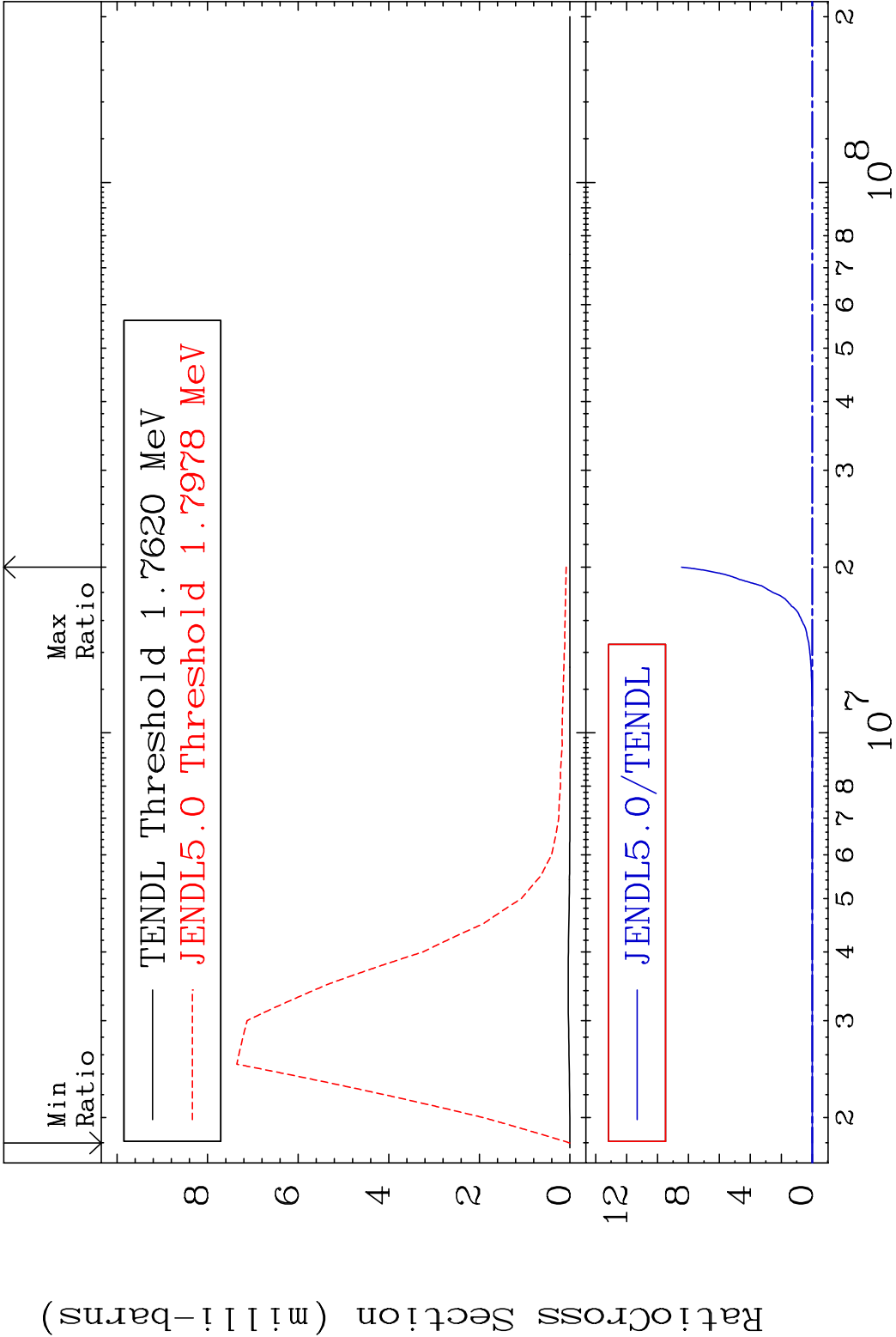
MT= 77 (n,n')

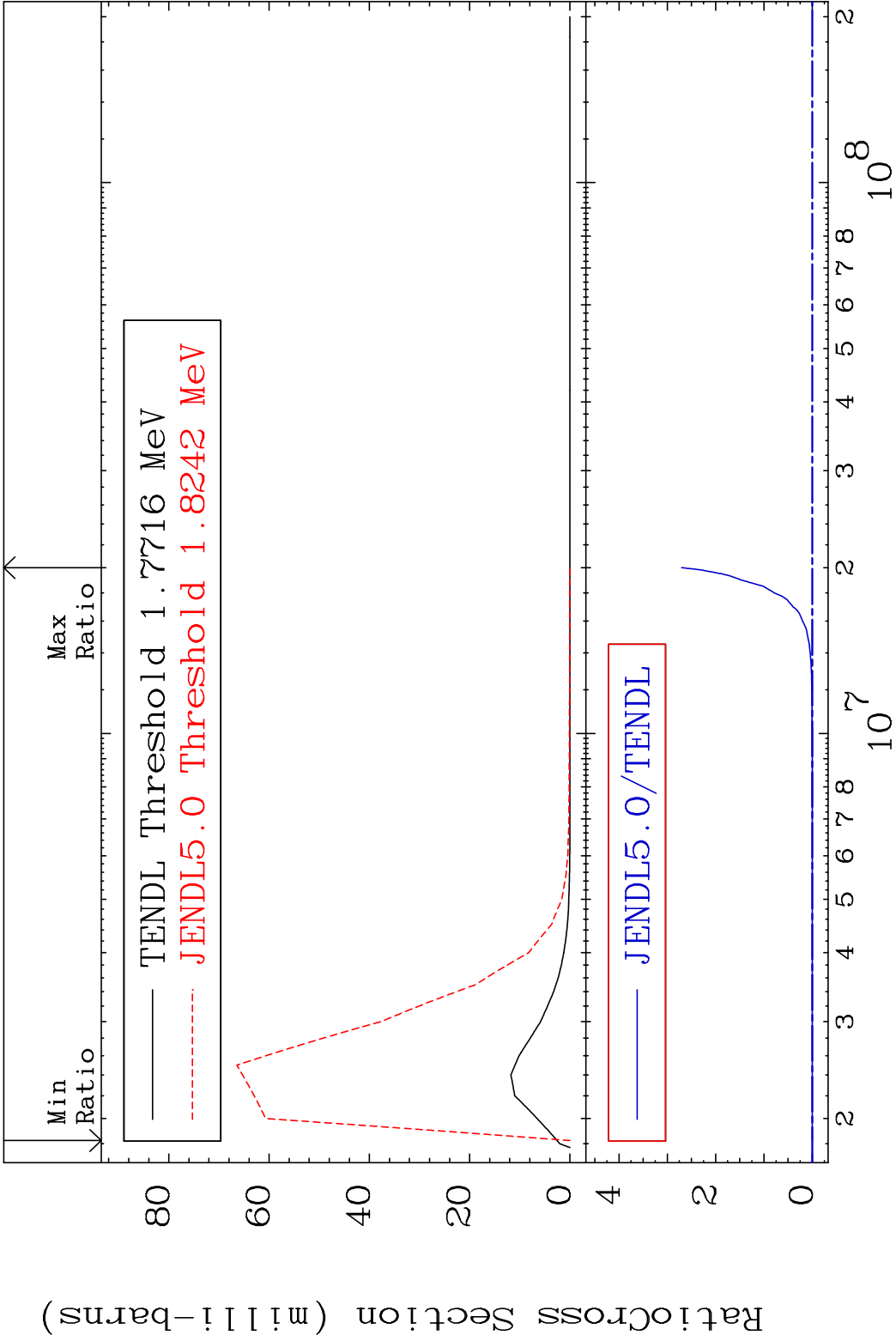
Level

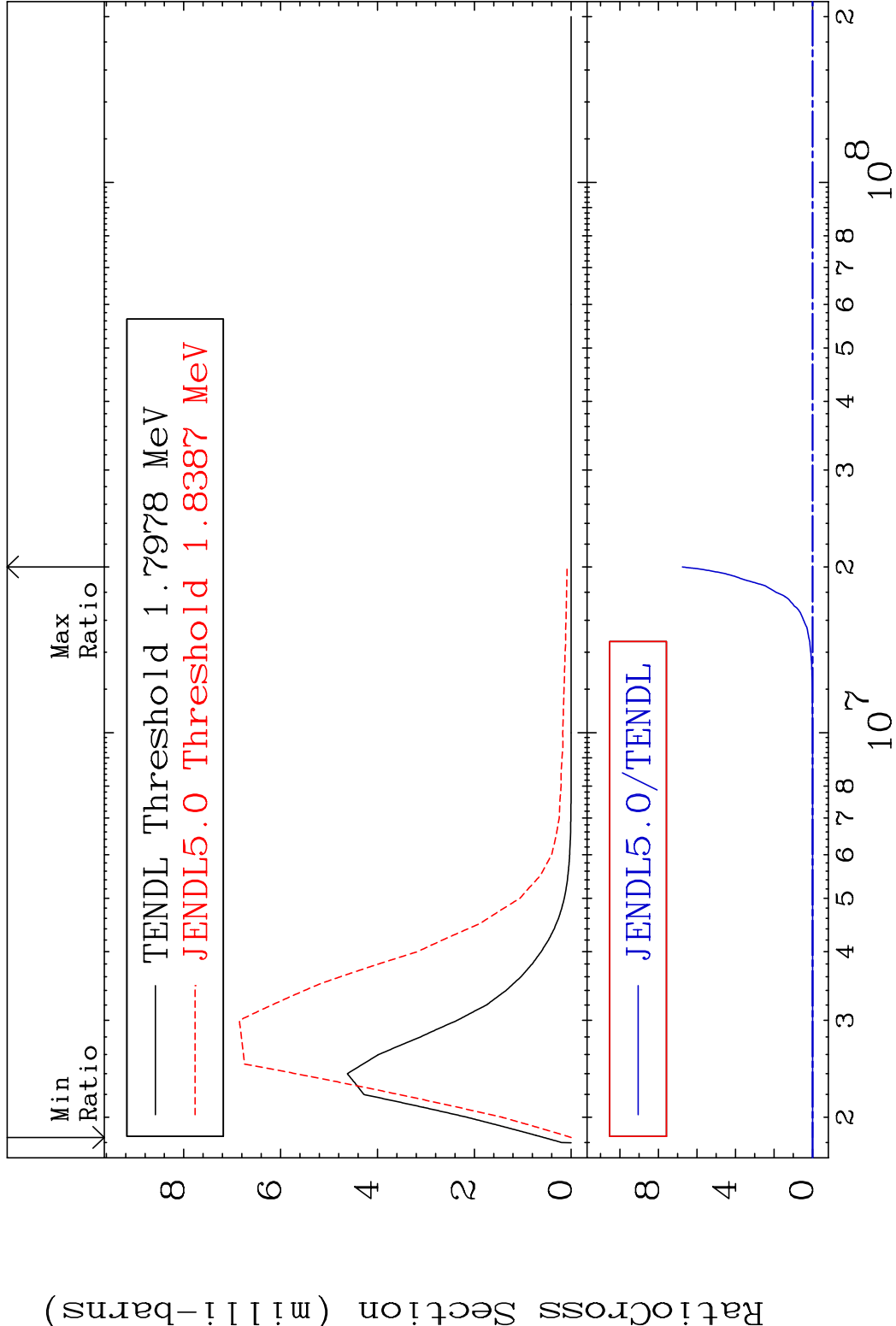
68-Er-166

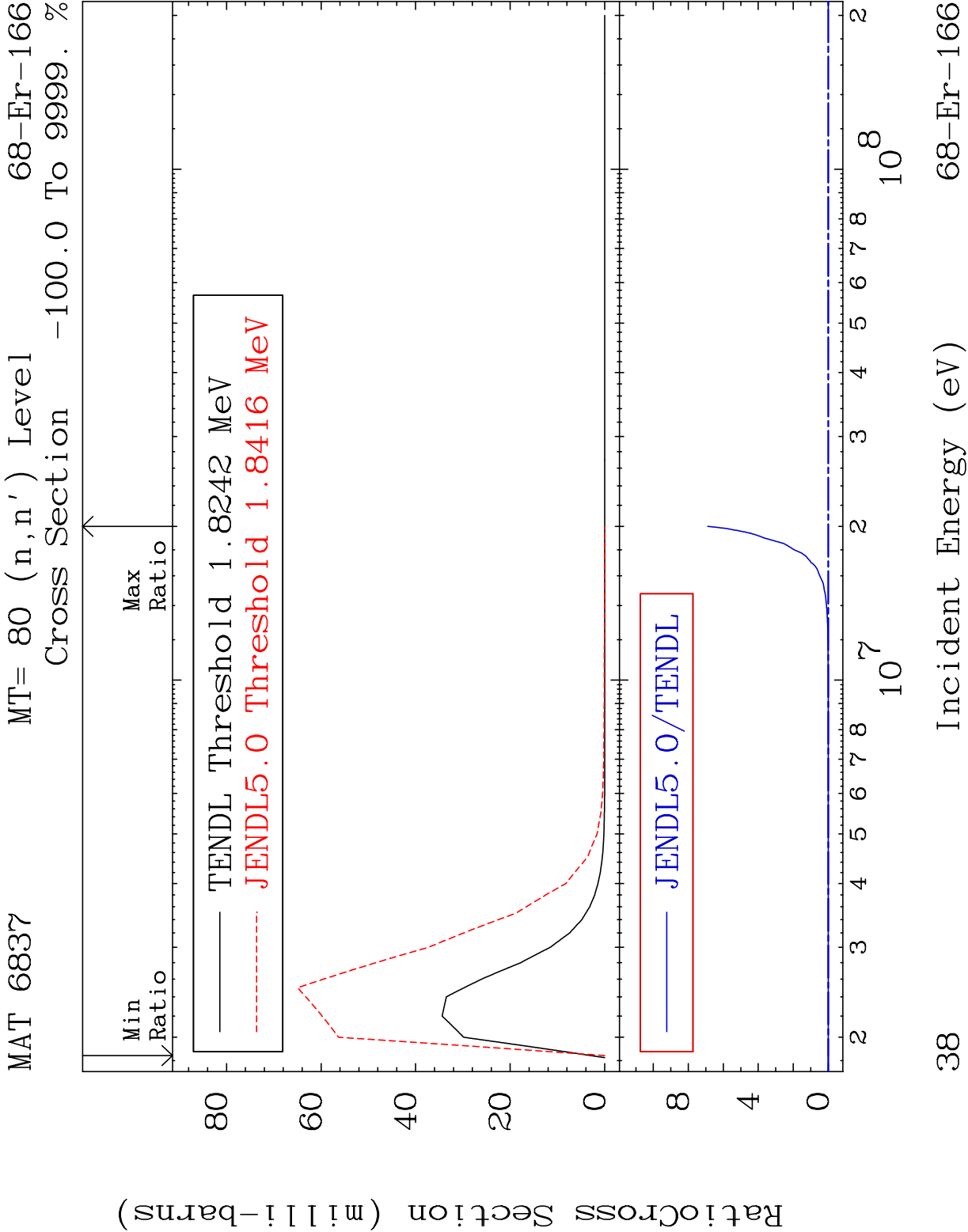
Cross Section

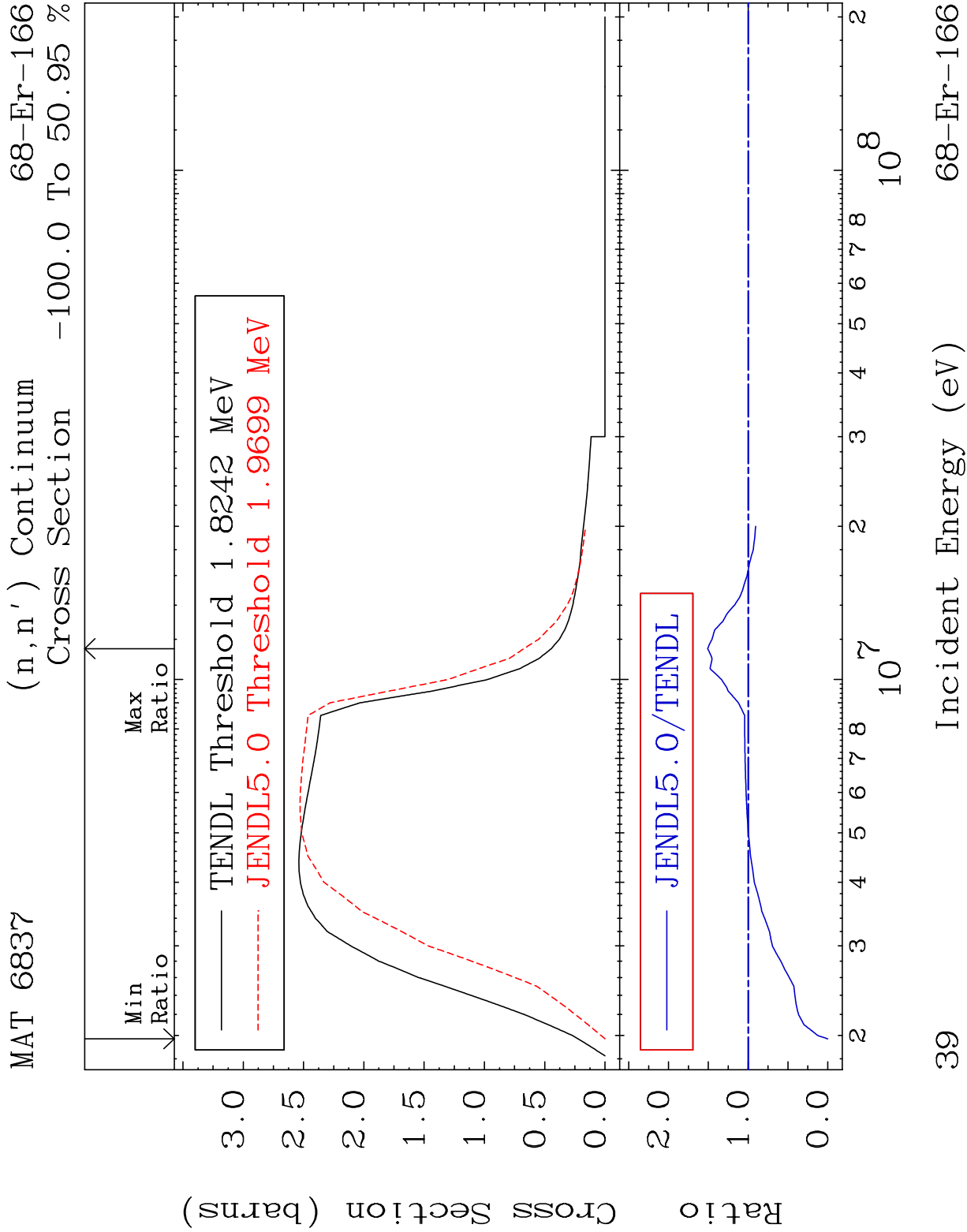
-100.0 To 9999. %

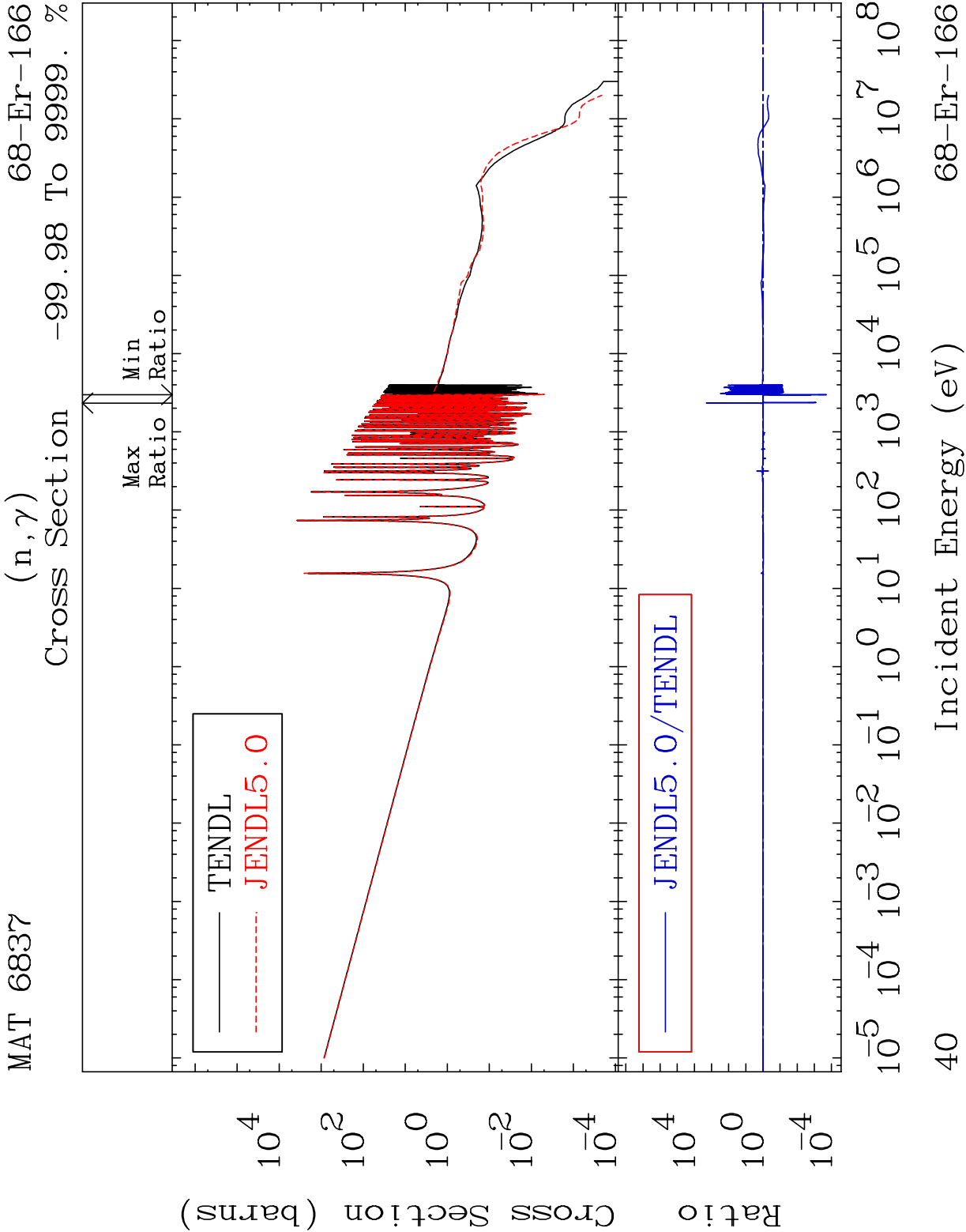


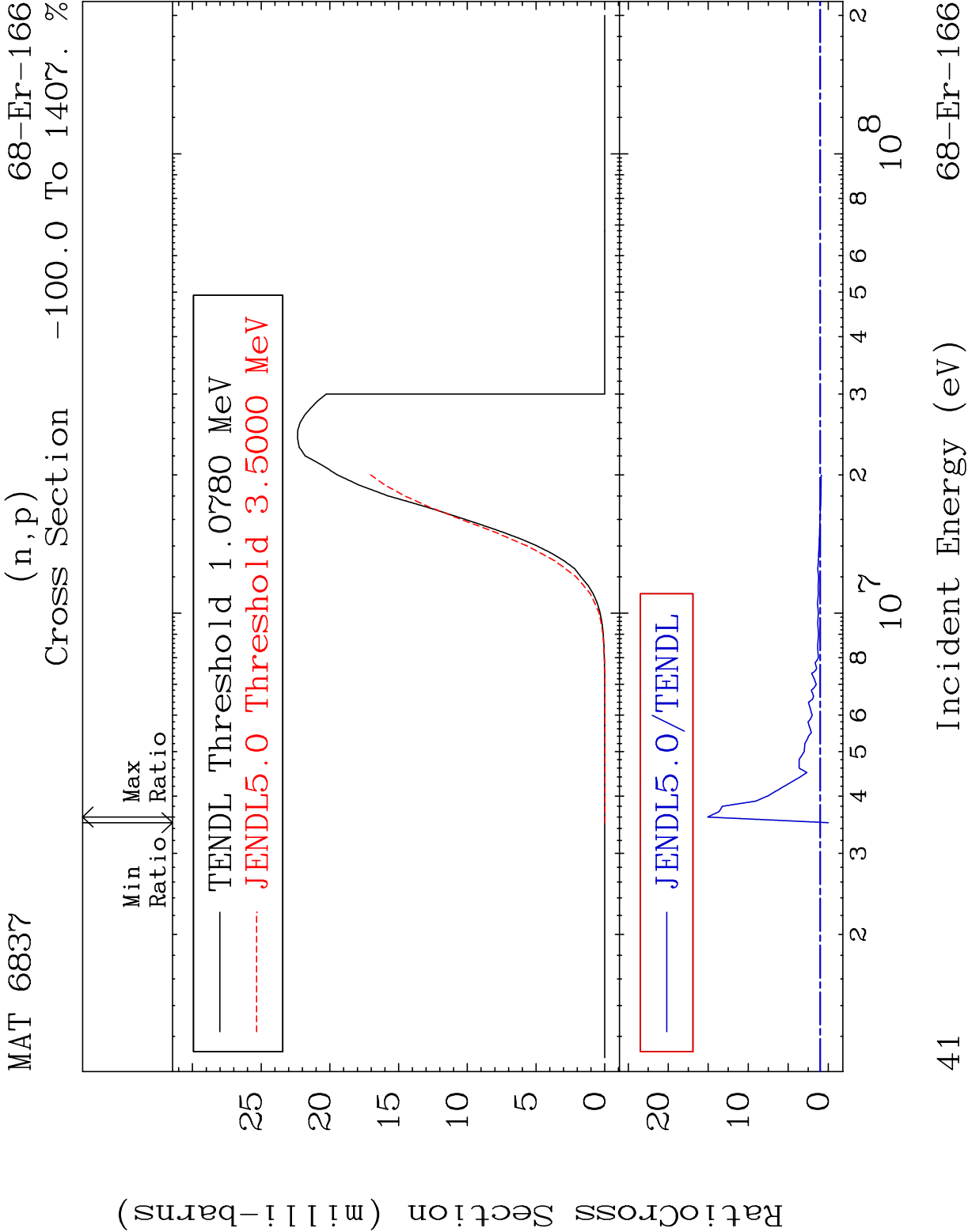


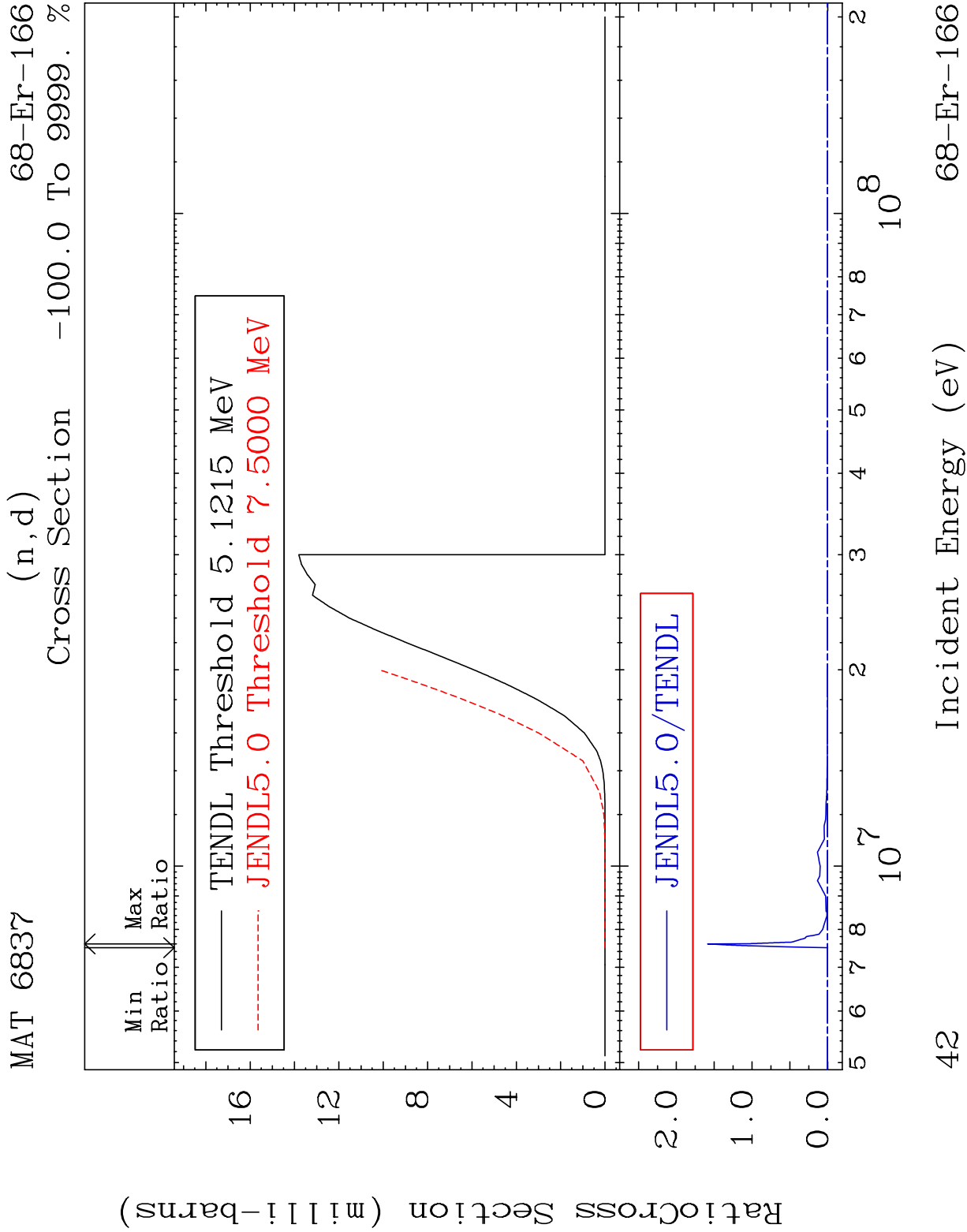


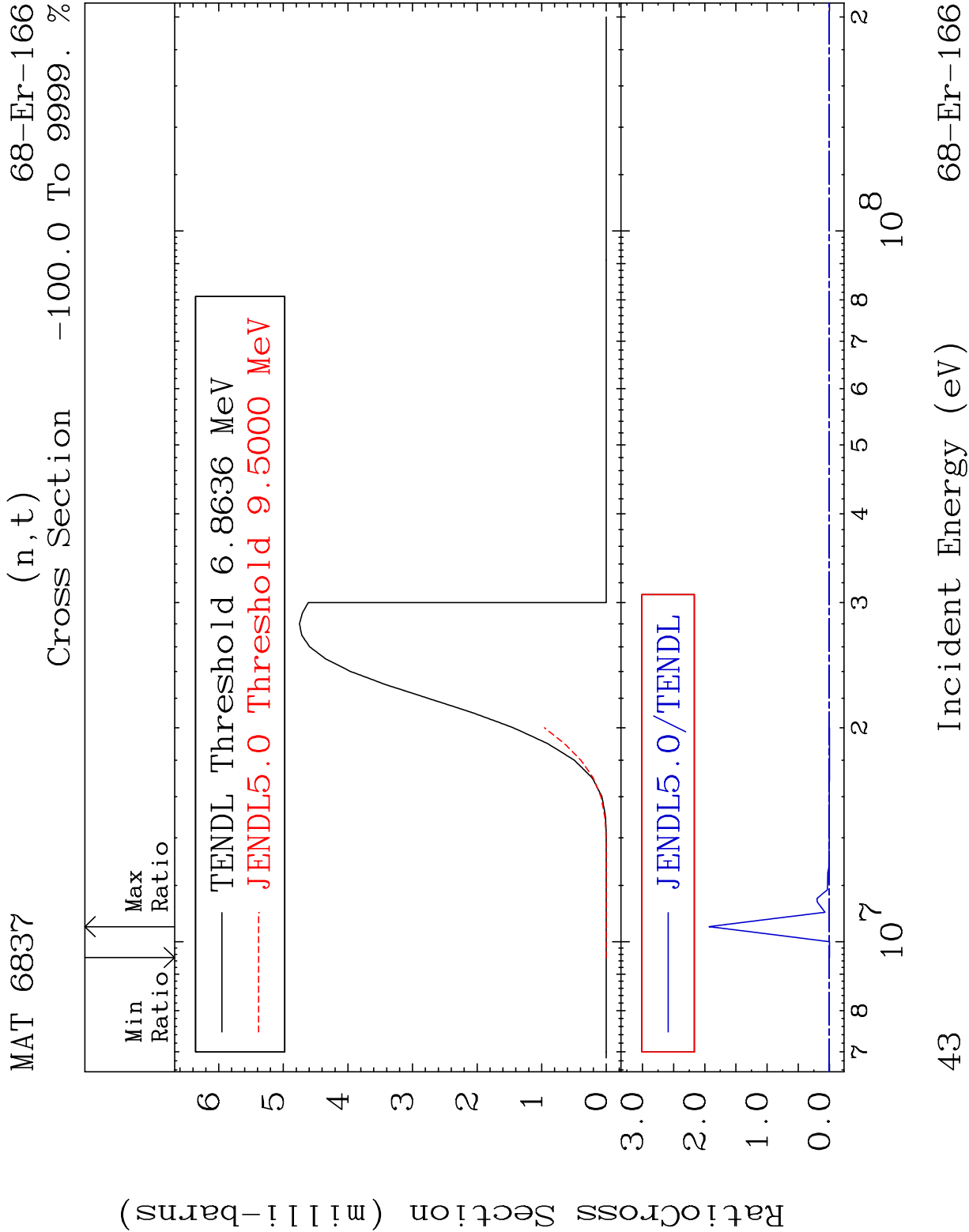


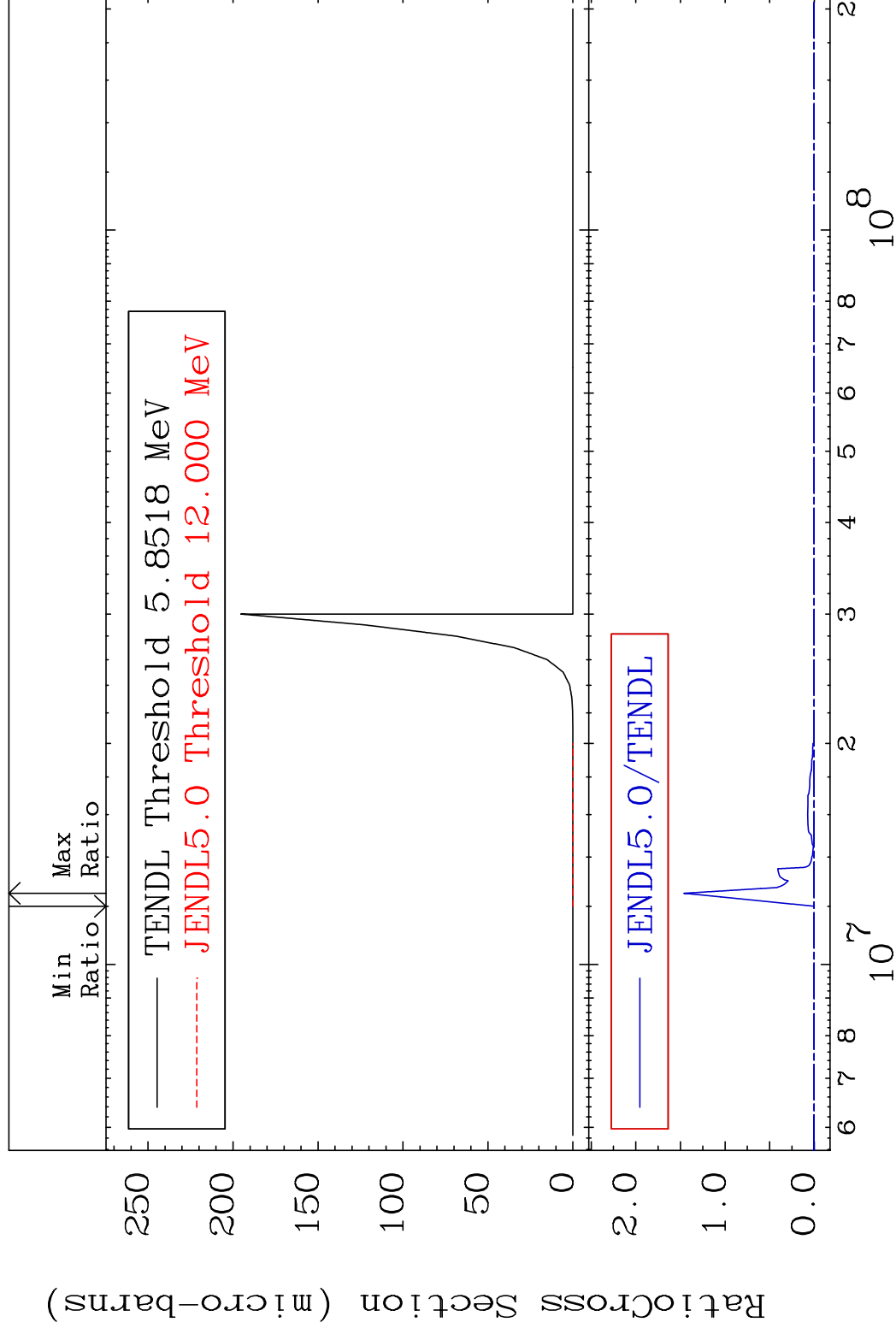


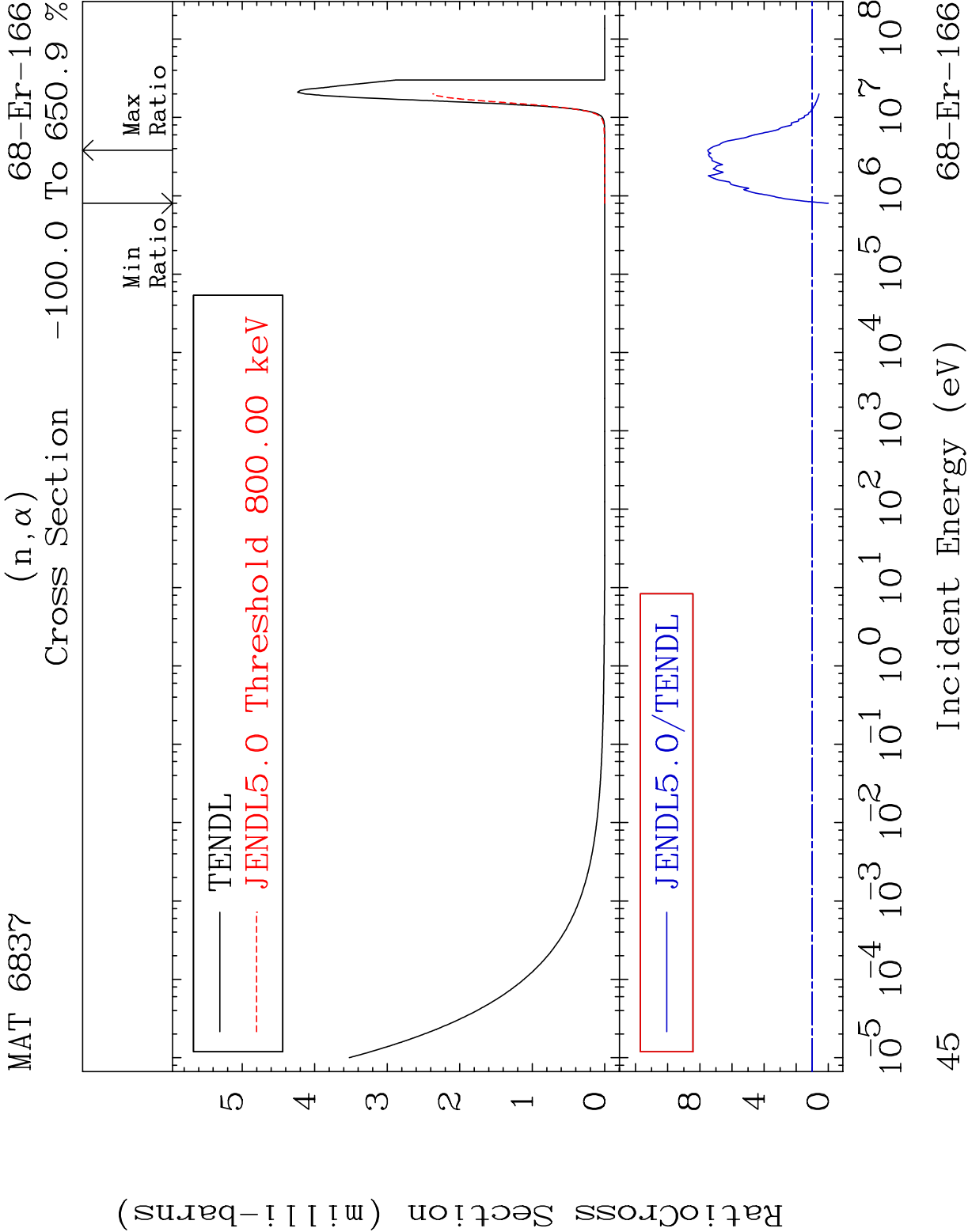


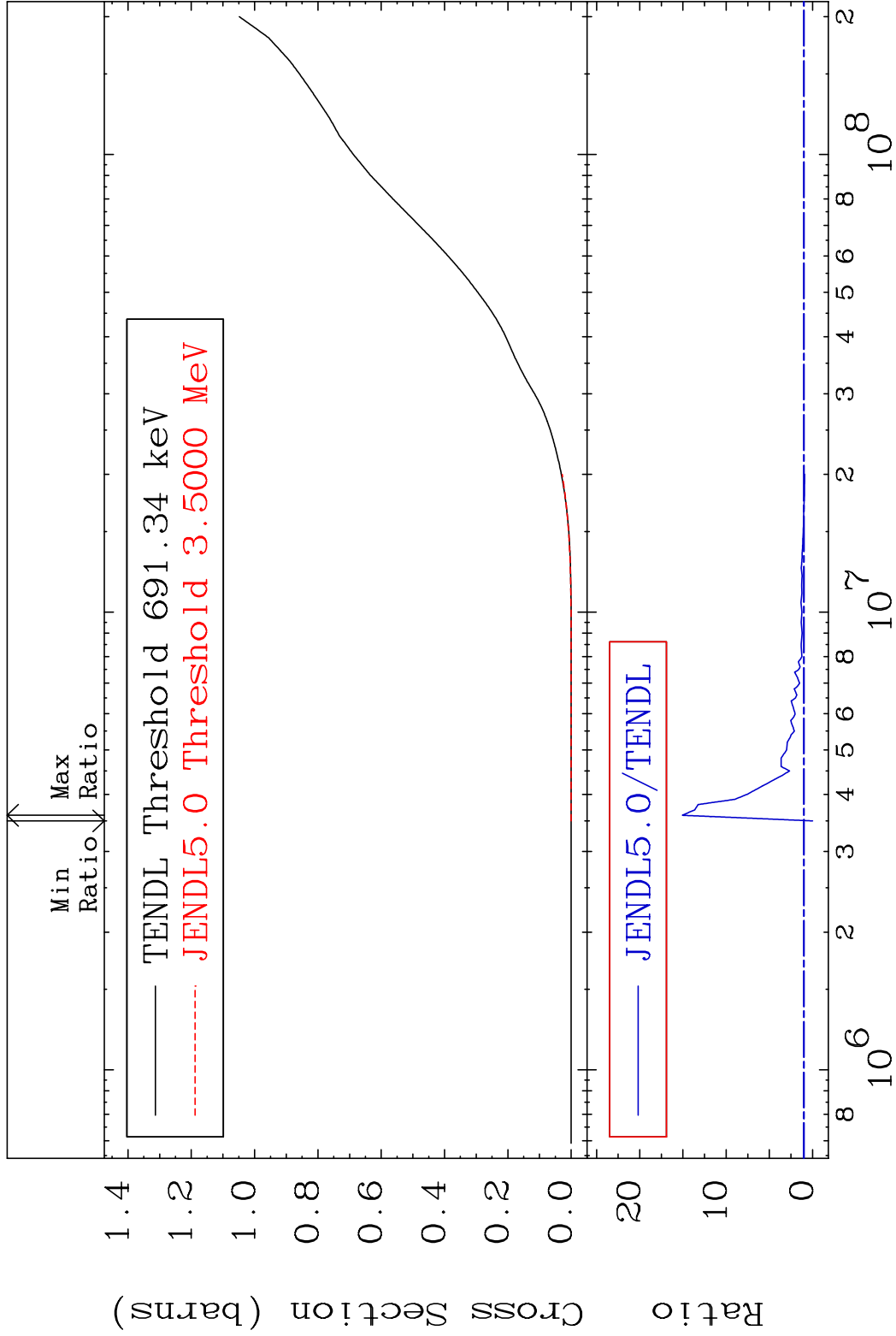


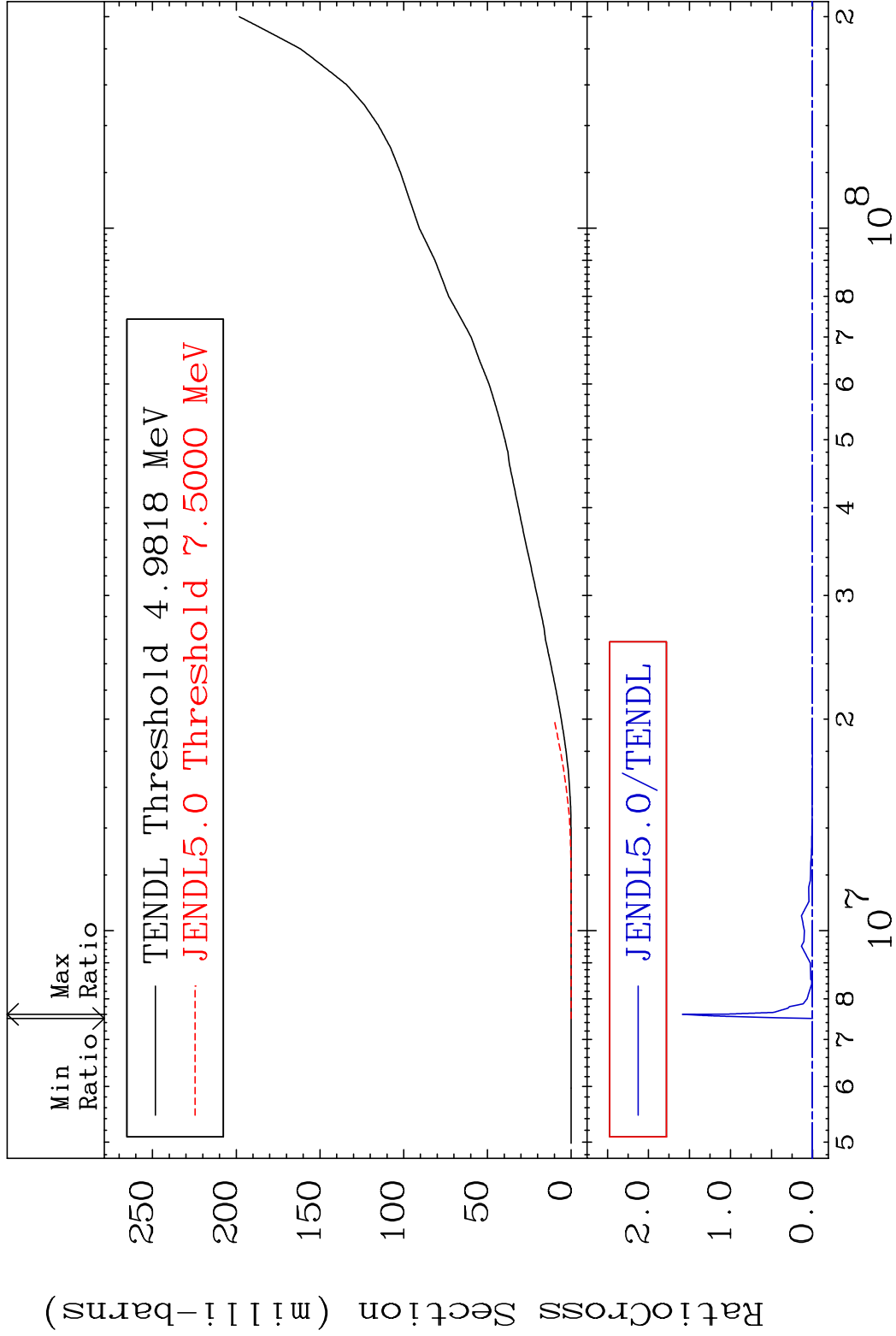


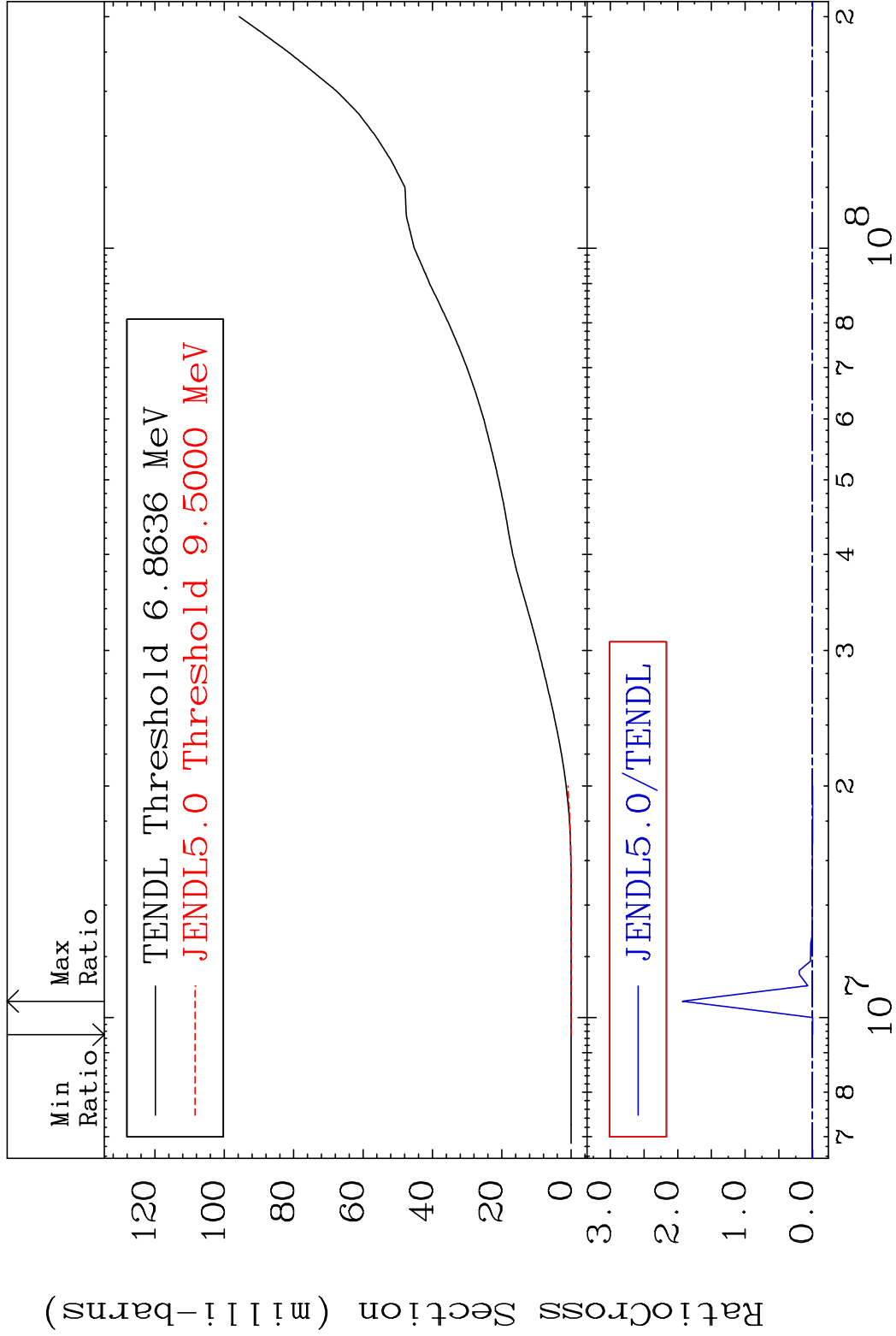


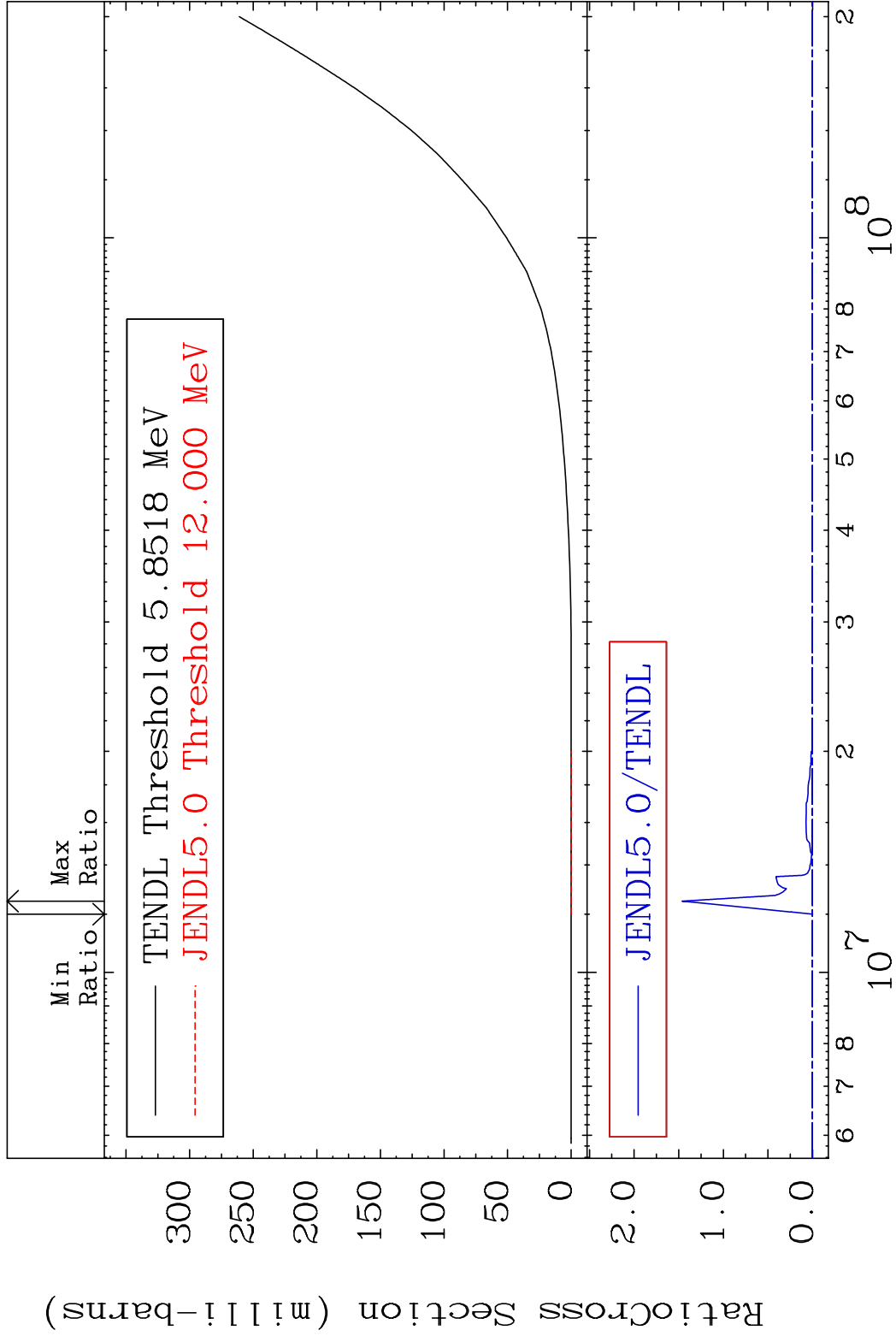


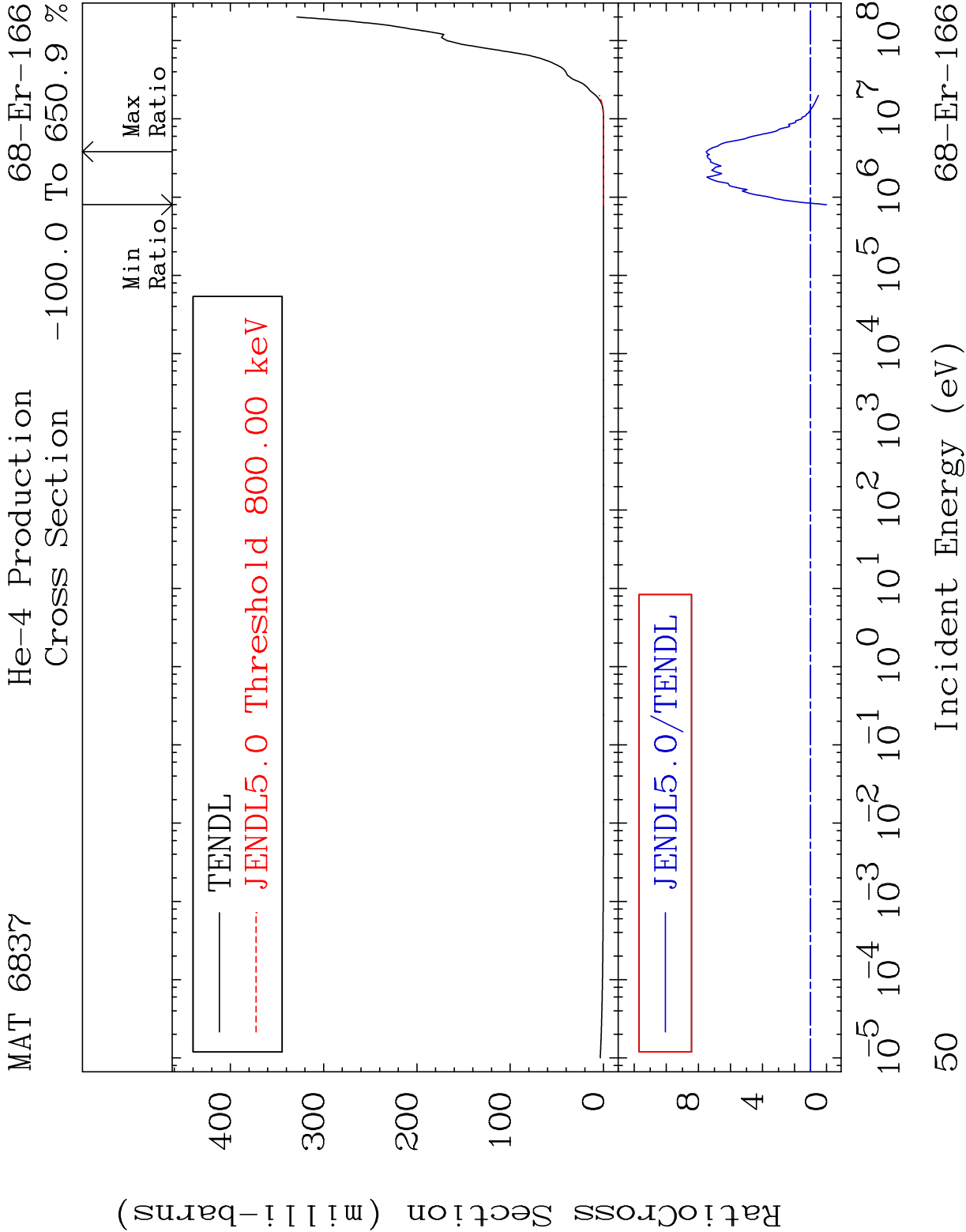


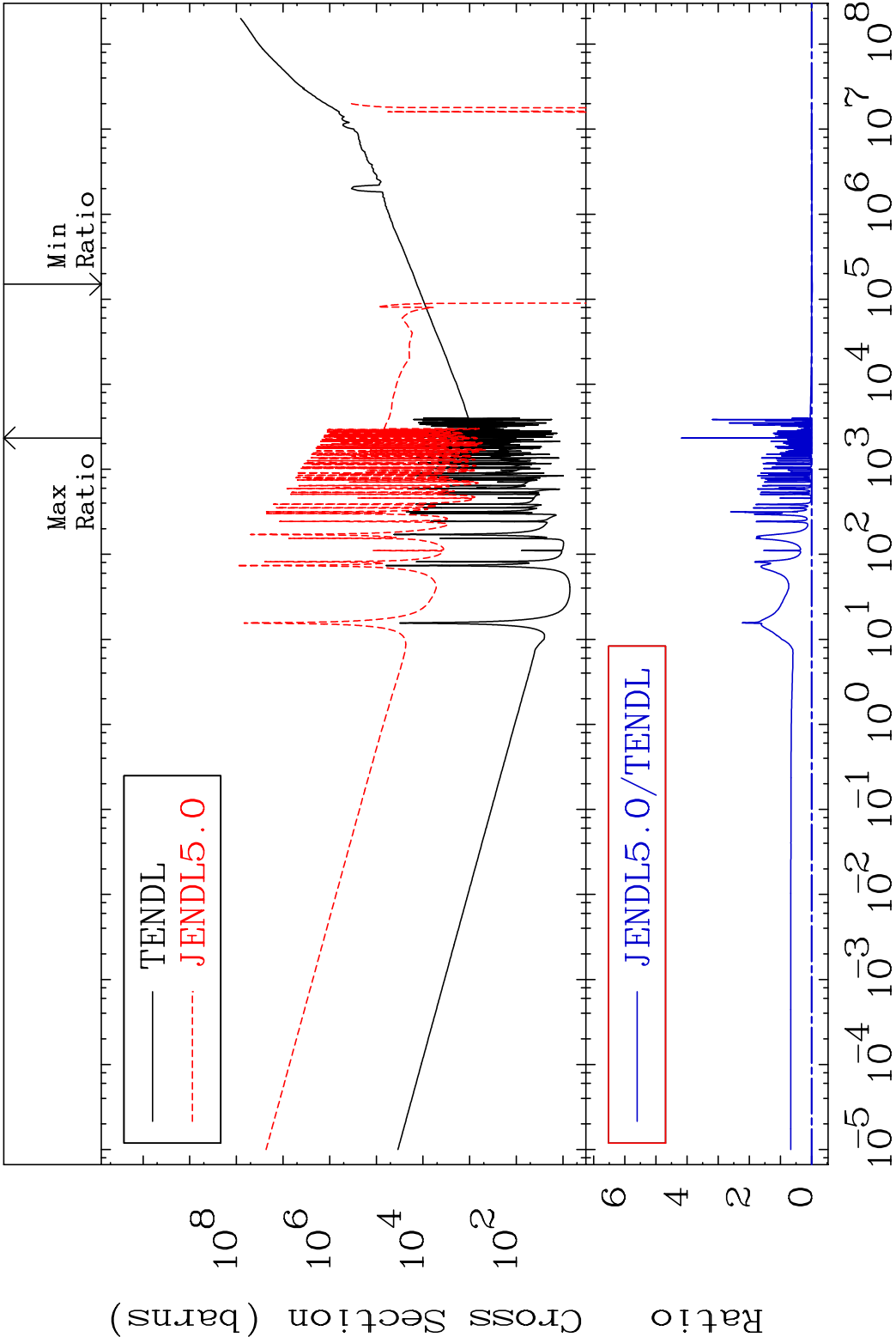




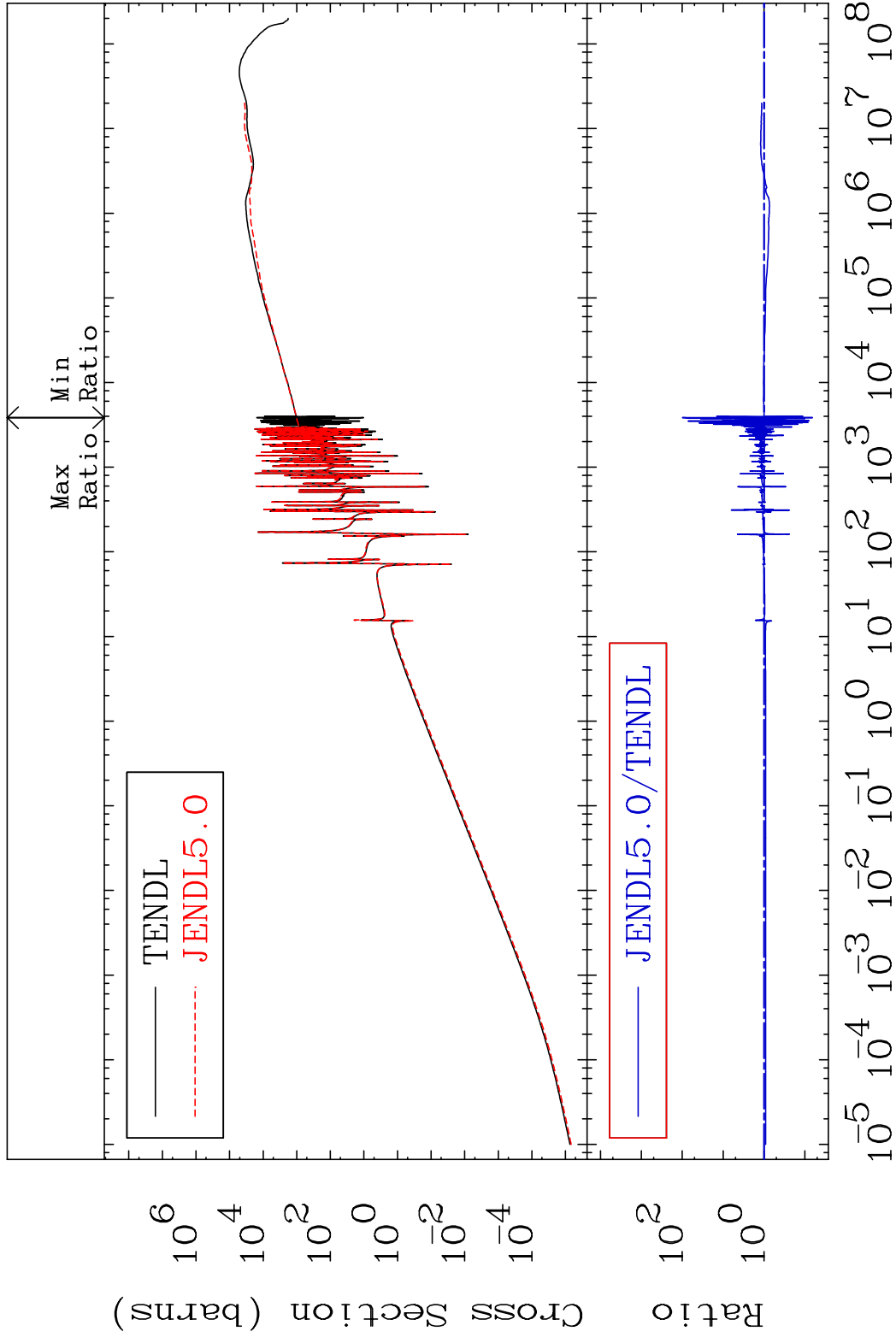




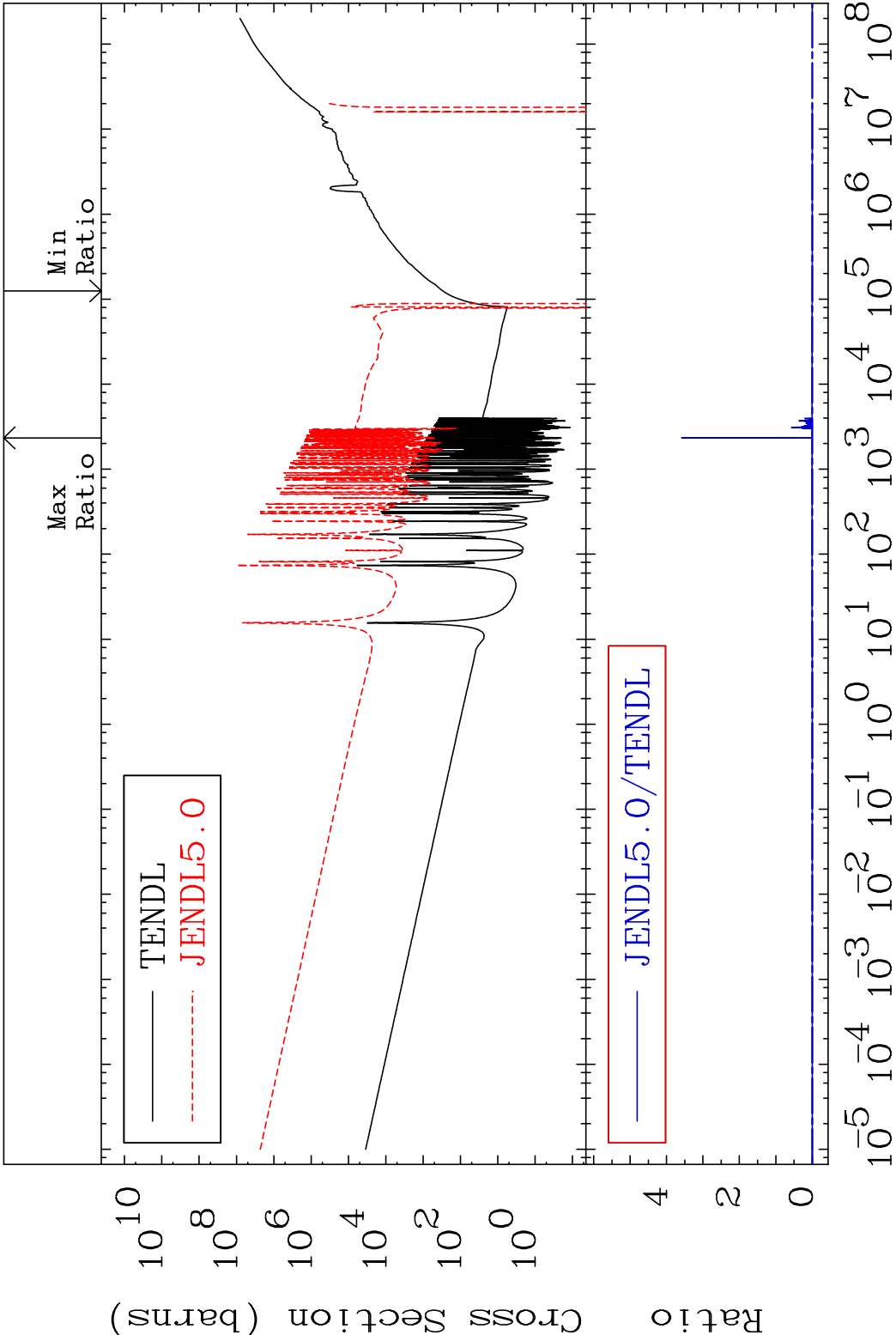


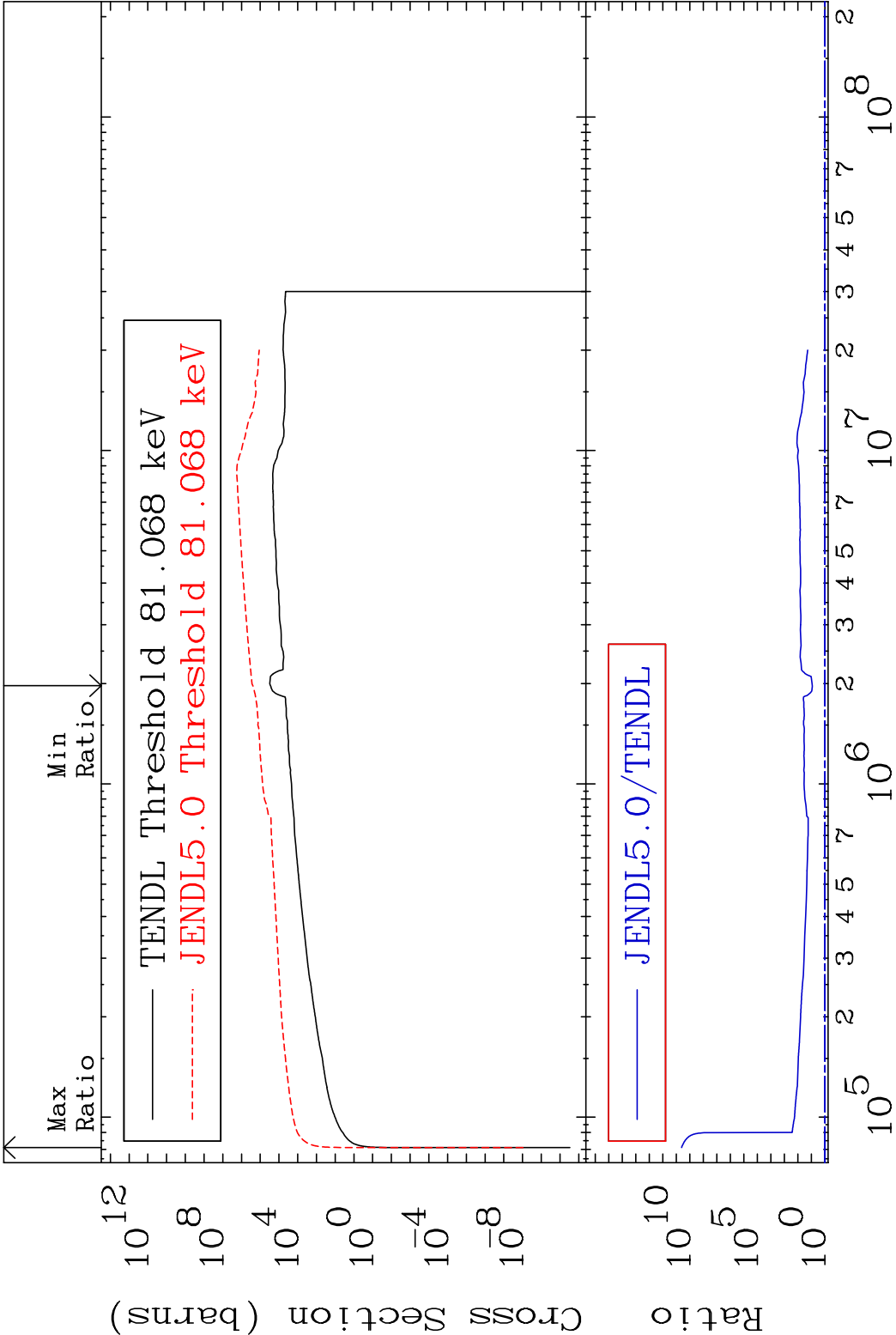


MAT 6837 Kerma elastic 68-Er-166
Cross Section -93.49 To 9851. %

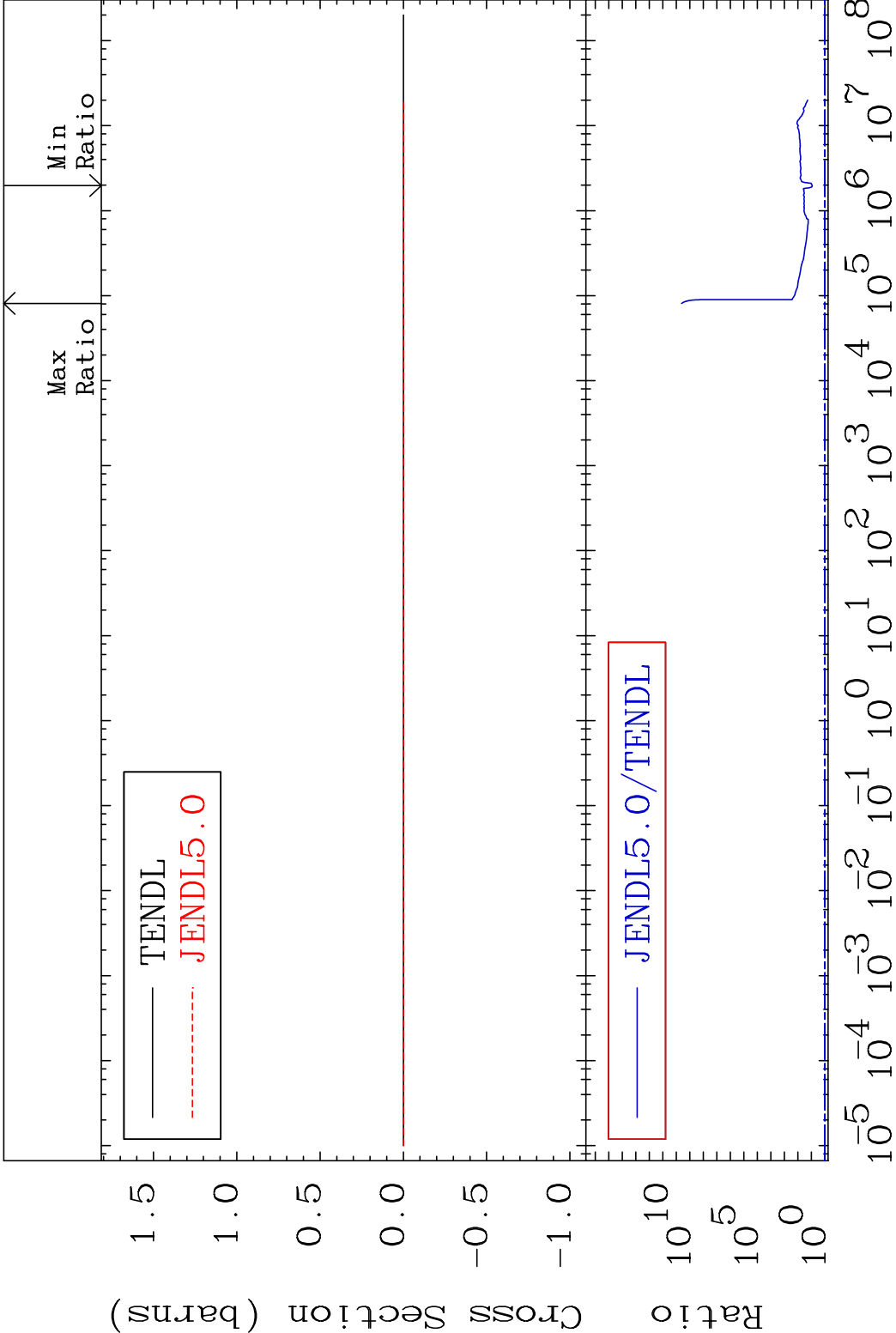


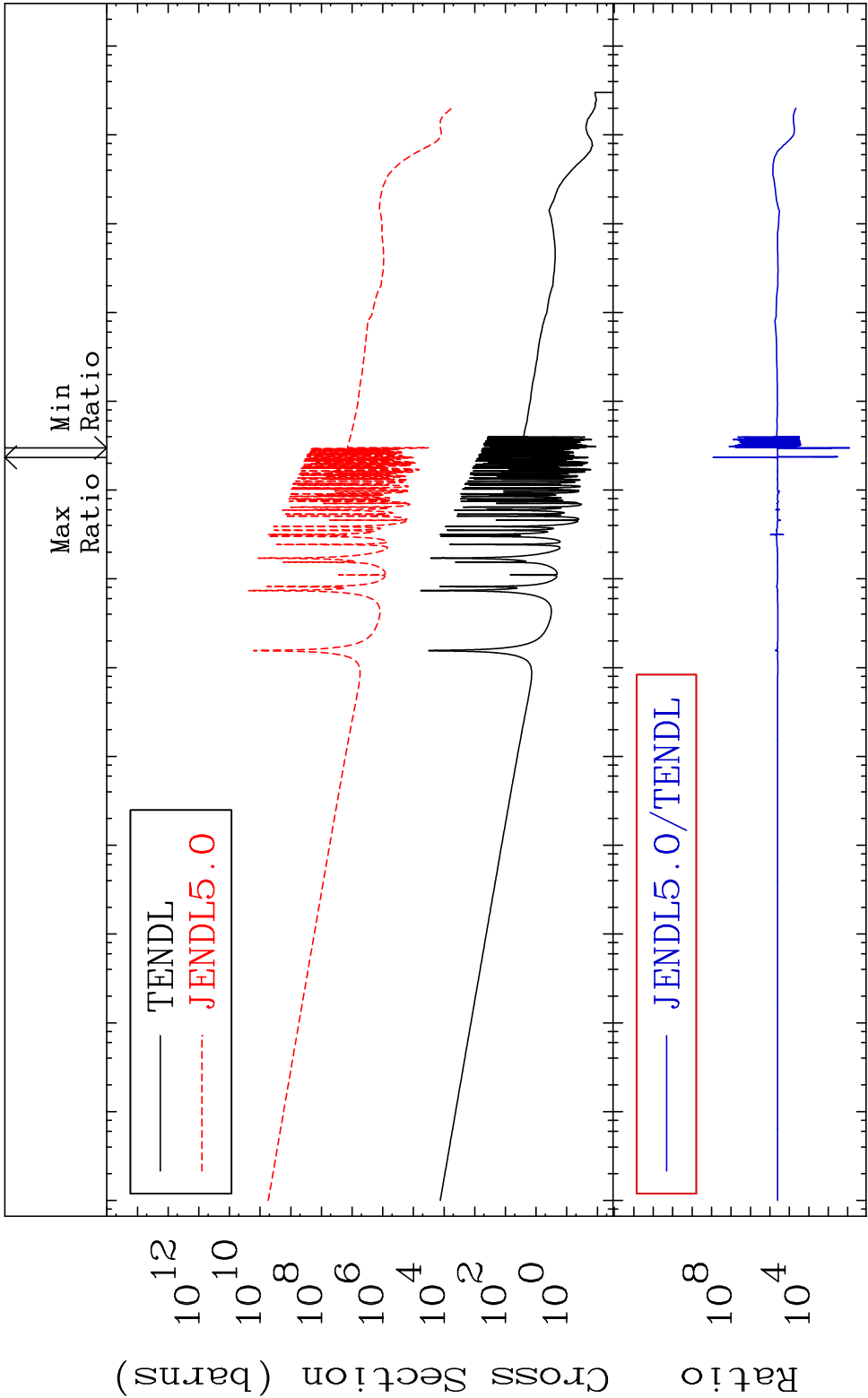
52 Incident Energy (eV) 68-Er-166

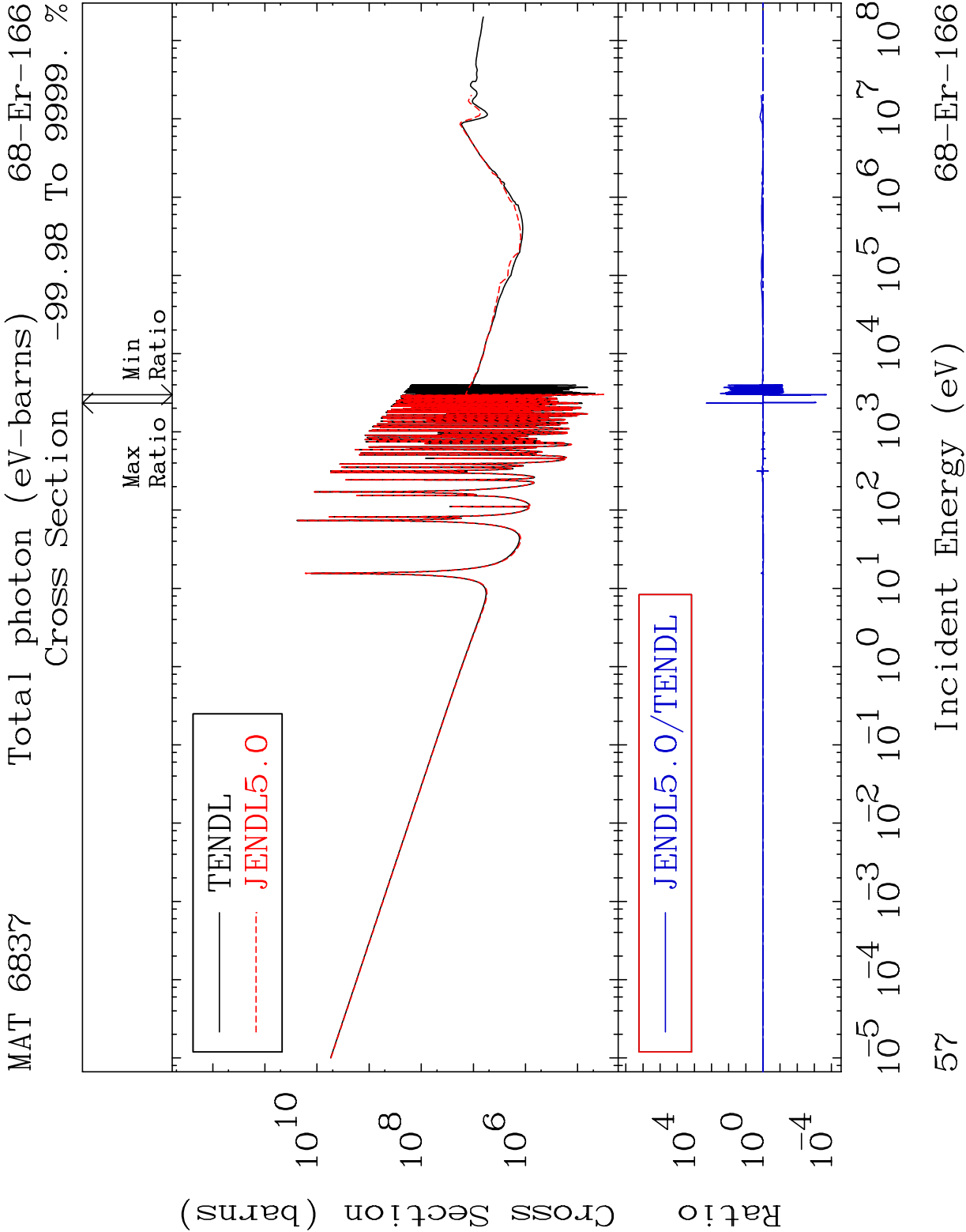




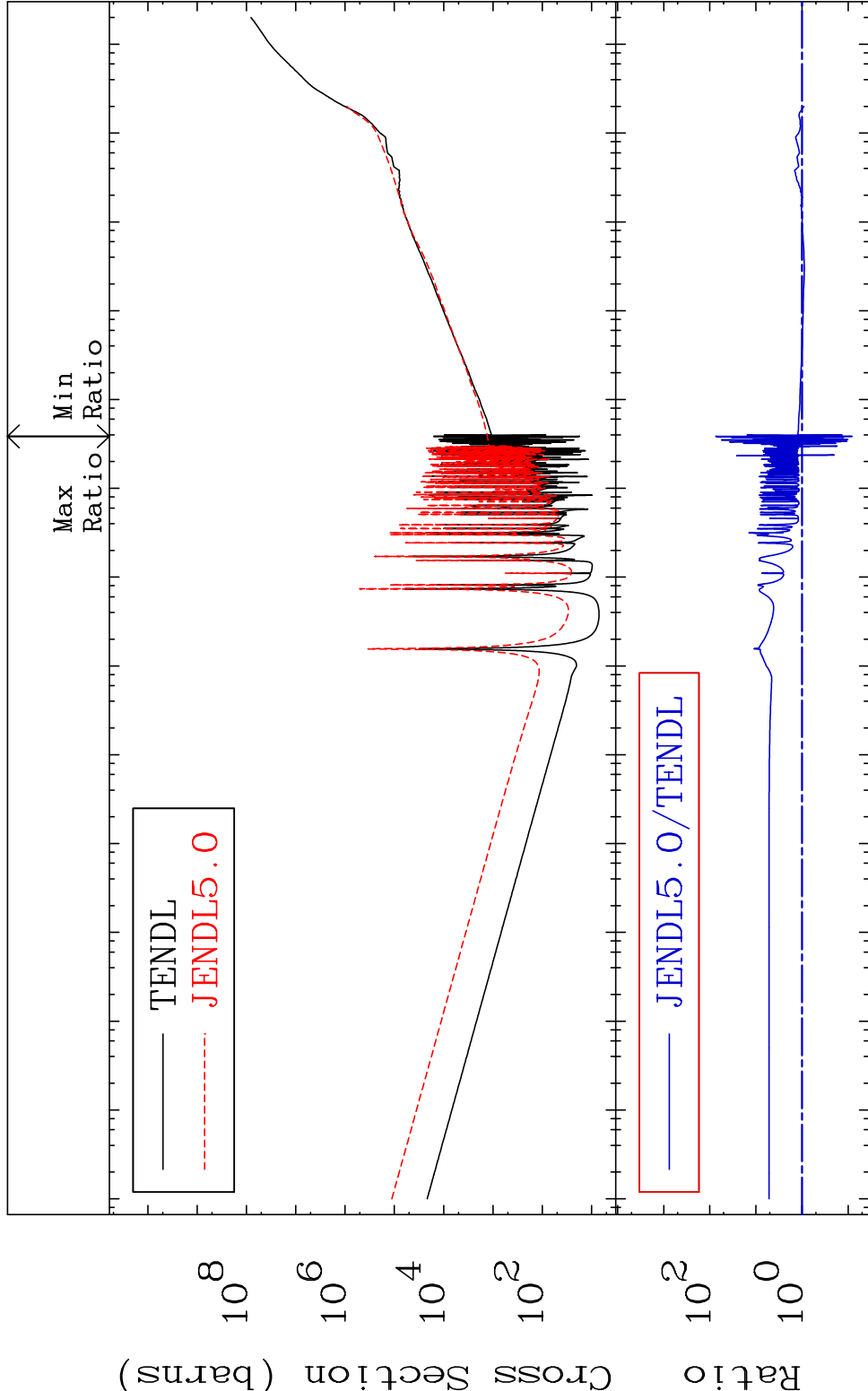
MAT 6837 Kerma fission (mt18 or mt19-20-21-38)68-Er-166
Cross Section 764.4 To 9999. %





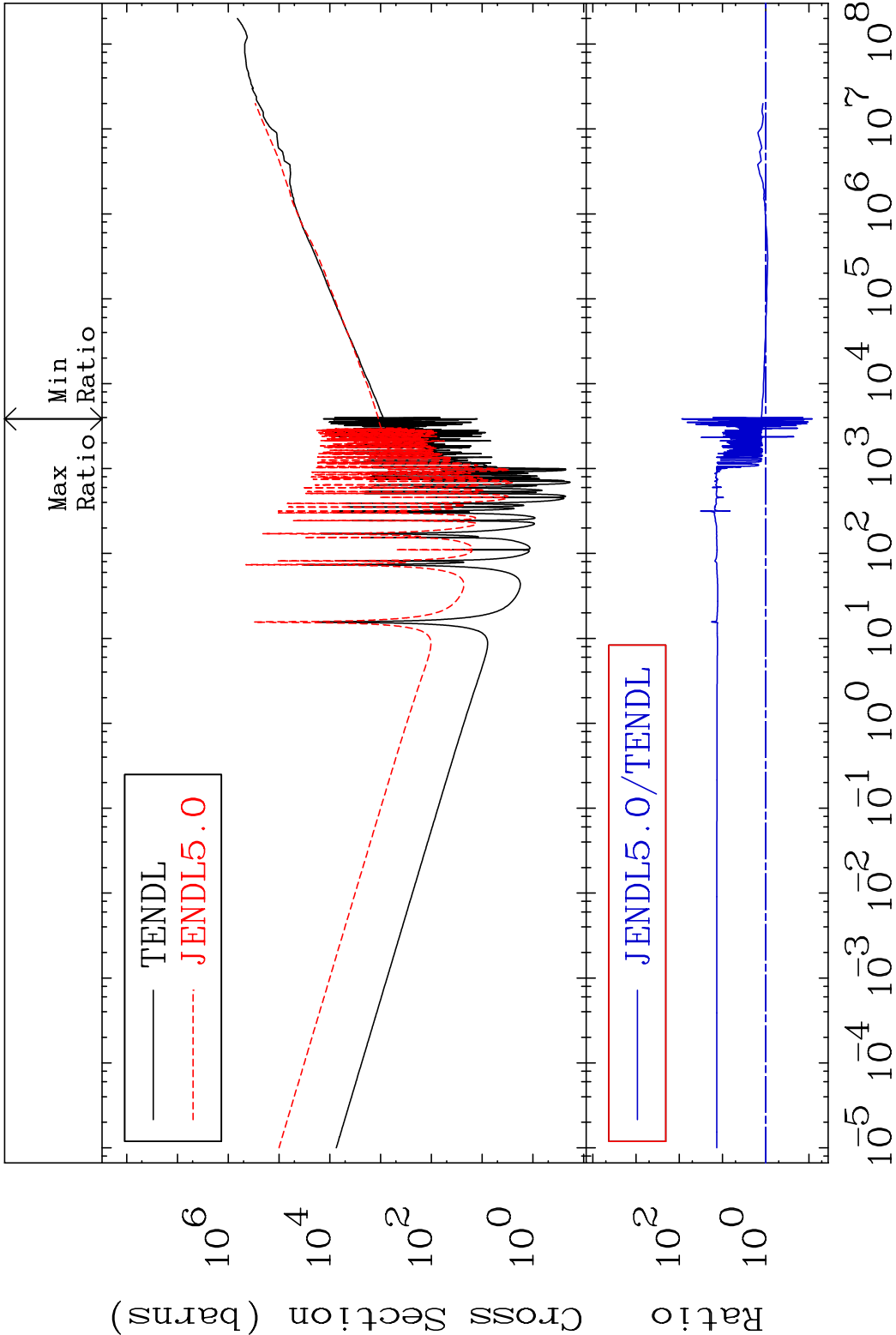


MAT 6837 Total kinematic kerma (high limit) 68-Er-166
Cross Section -91.84 To 7362. %

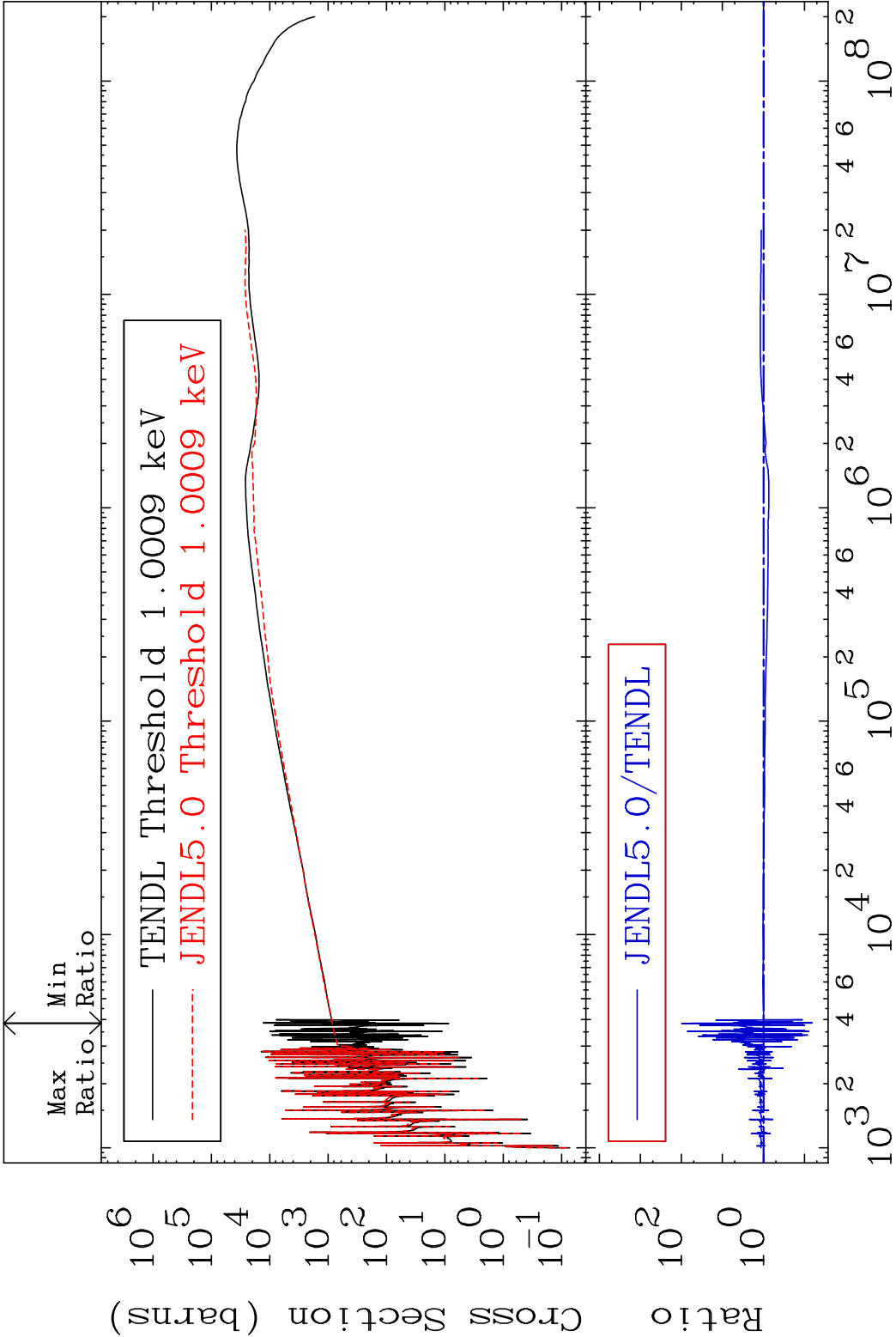


Incident Energy (eV) 68-Er-166

MAT 6837 Dpa total (eV-barns) 68-Er-166
Cross Section -91.70 To 8655. %

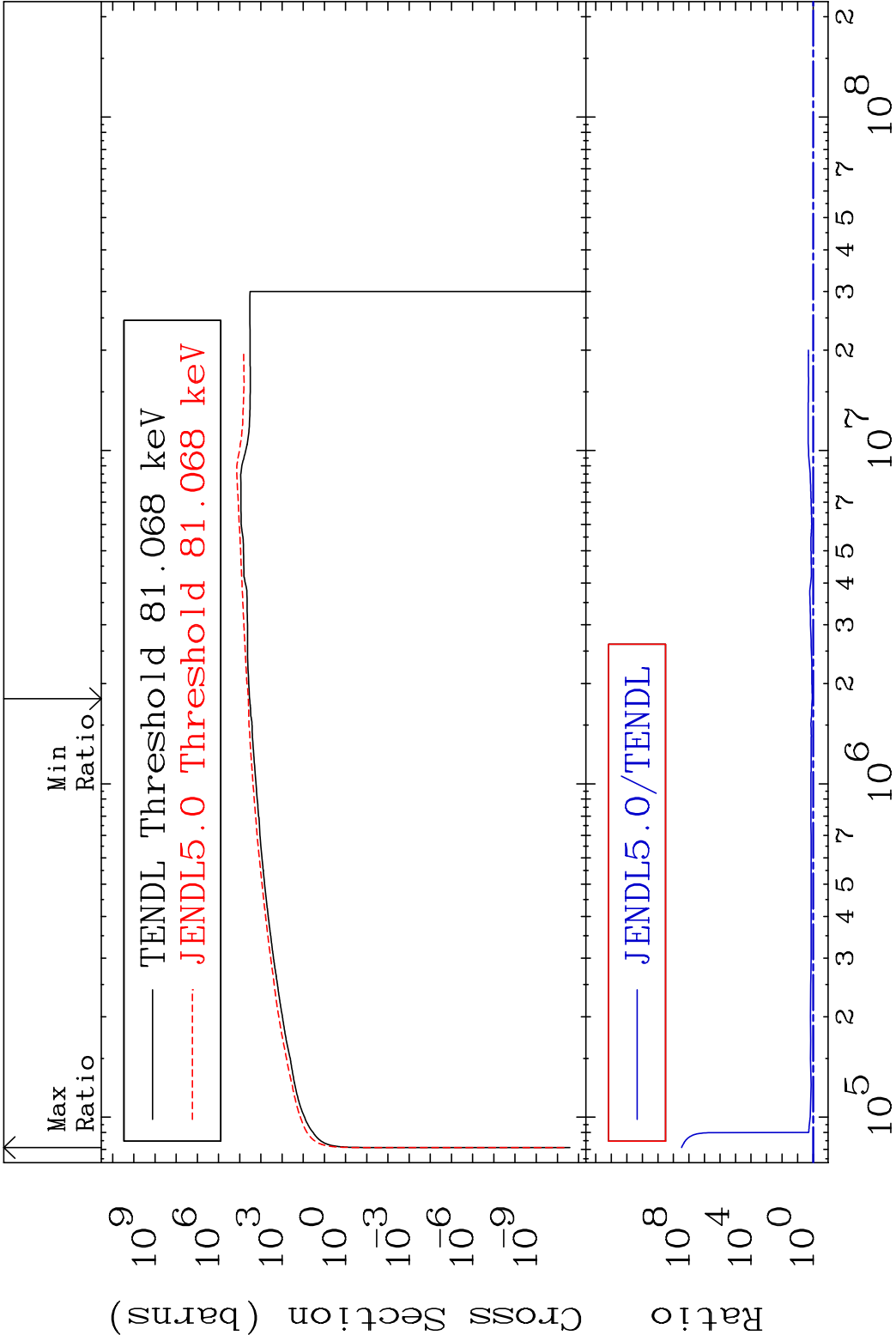


MAT 6837 Dpa elastic (mt2) 68-Er-166
Cross Section -93.51 To 9818. %

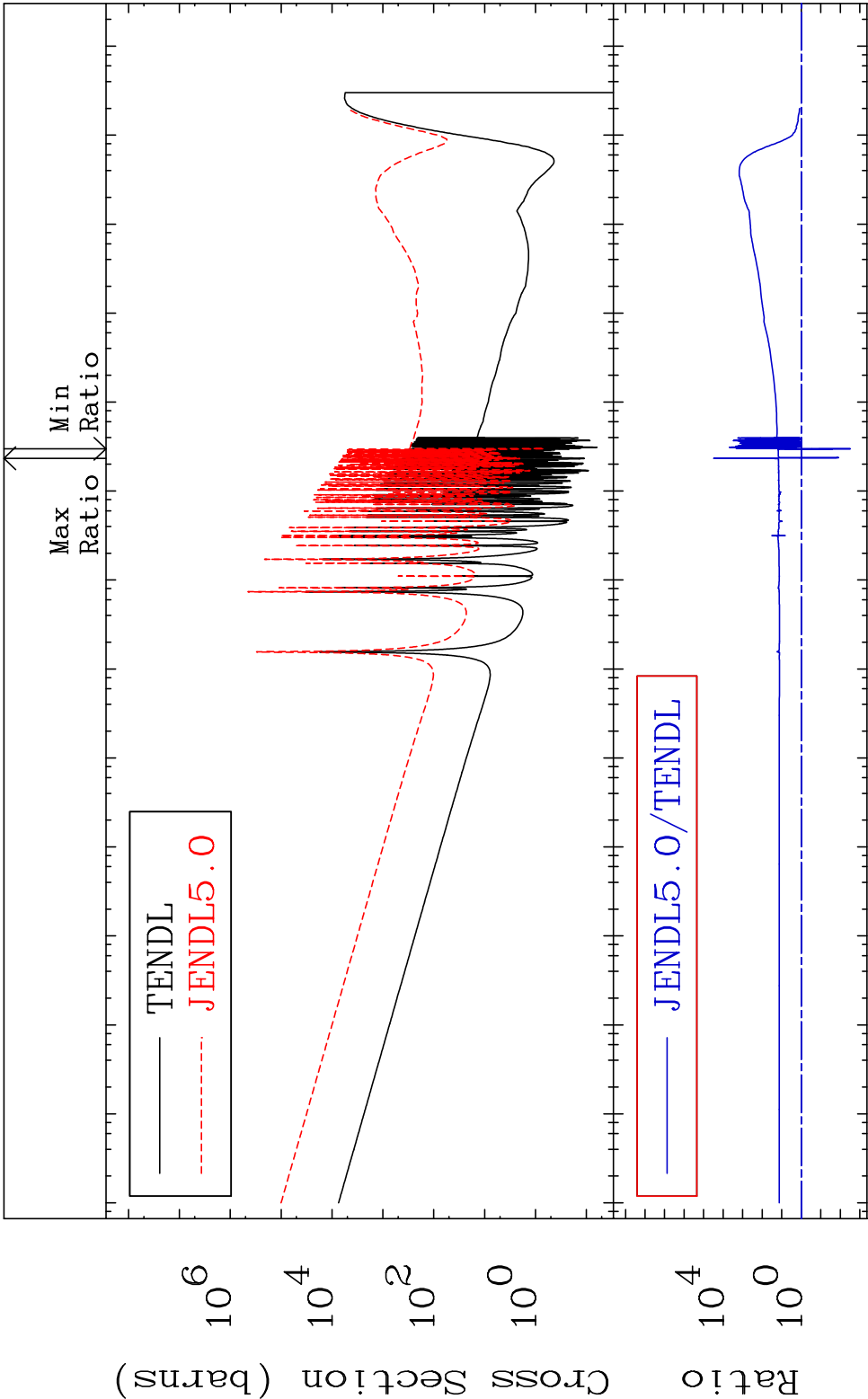


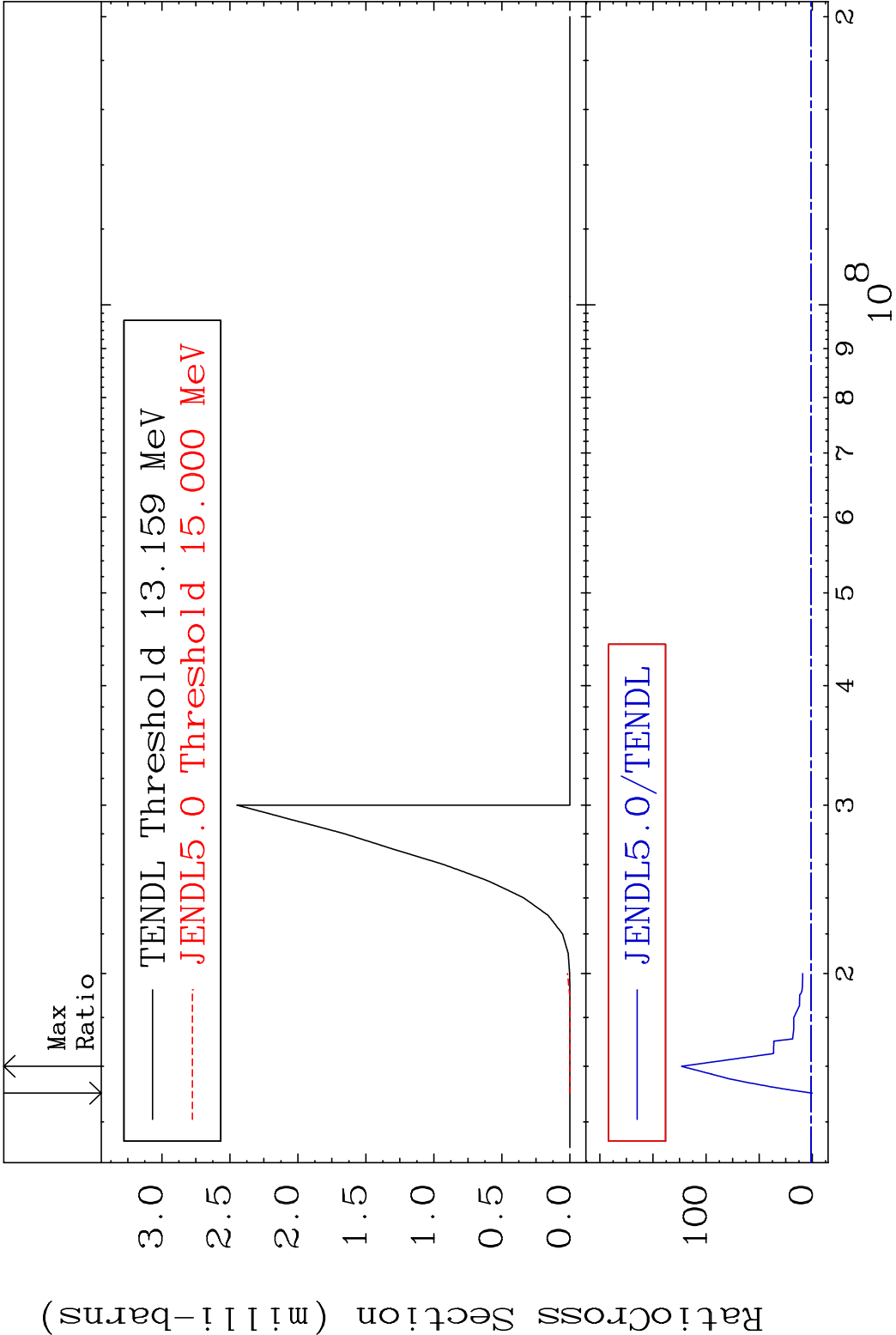
60 Incident Energy (eV) 68-Er-166

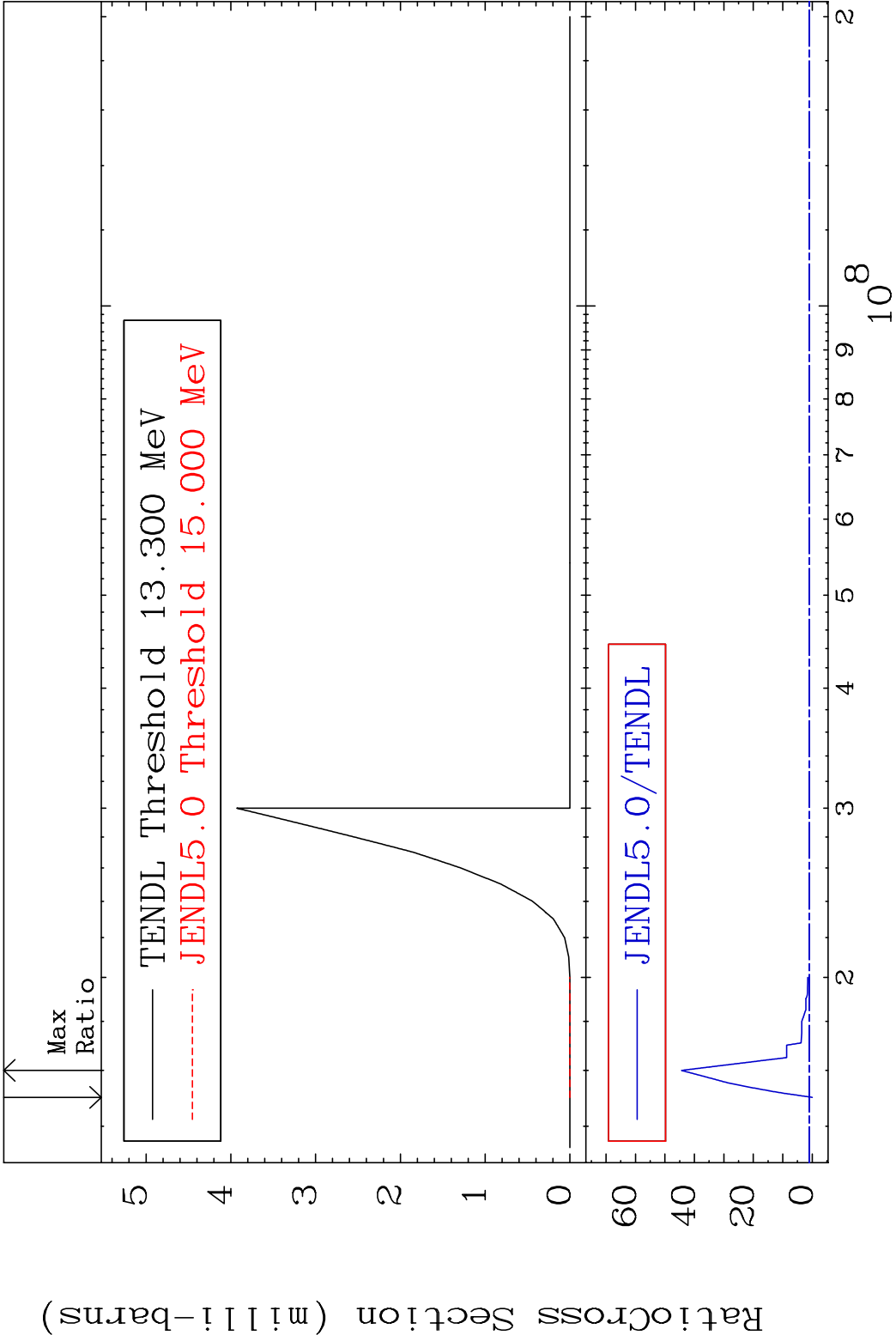
MAT 6837 Dpa inelastic (mt51-91) 68-Er-166
Cross Section 14.35 To 9999. %



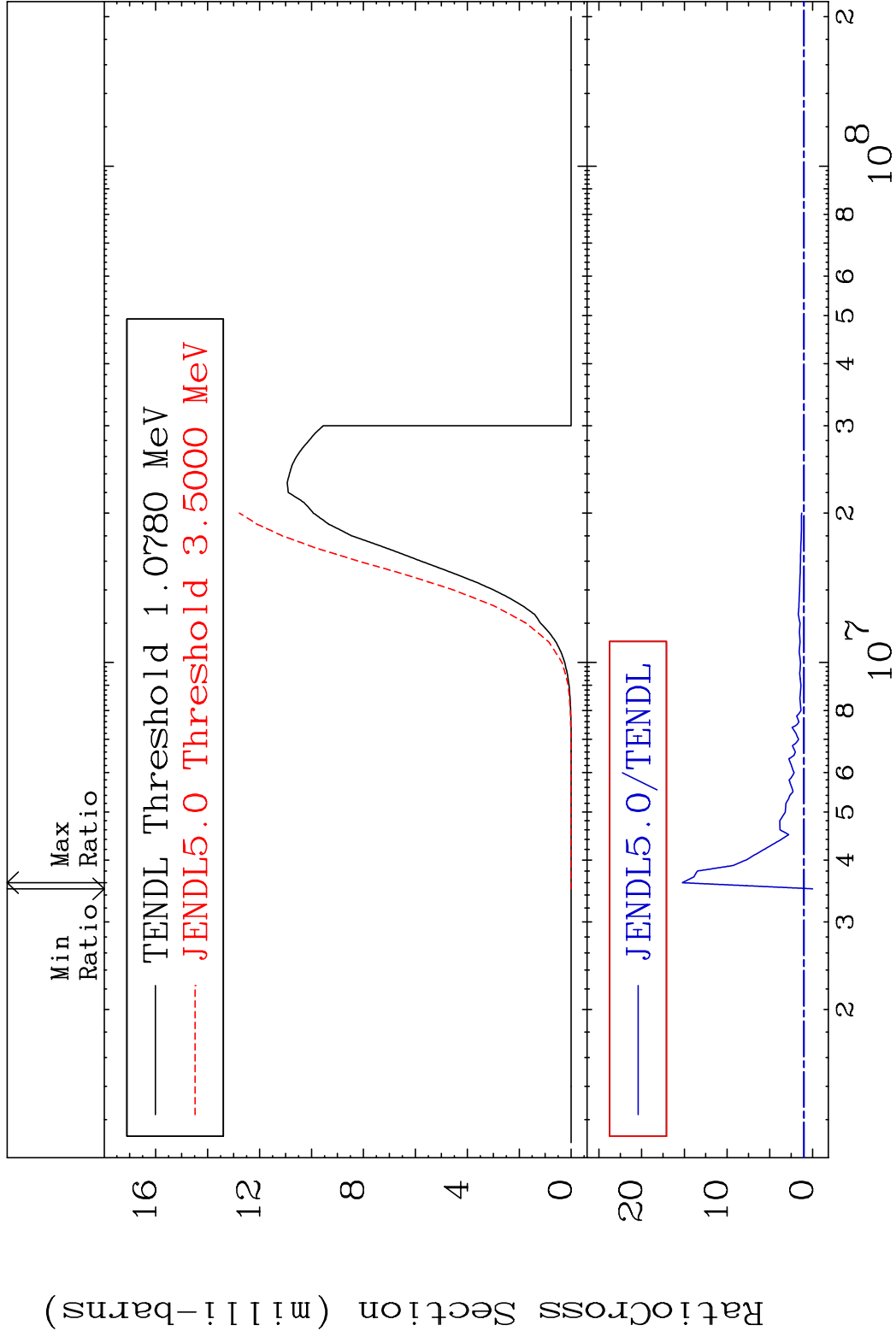
61 Incident Energy (eV) 68-Er-166

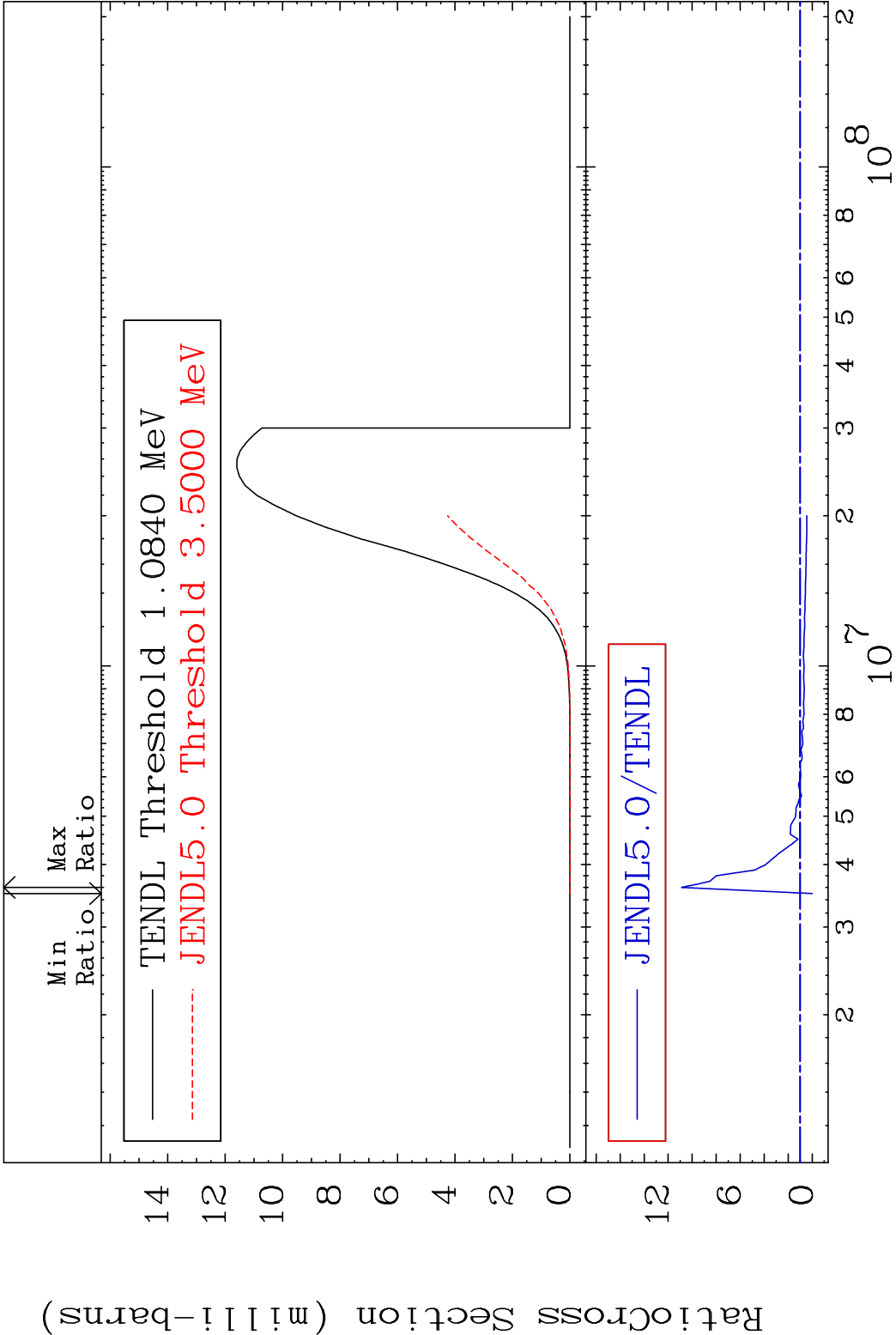




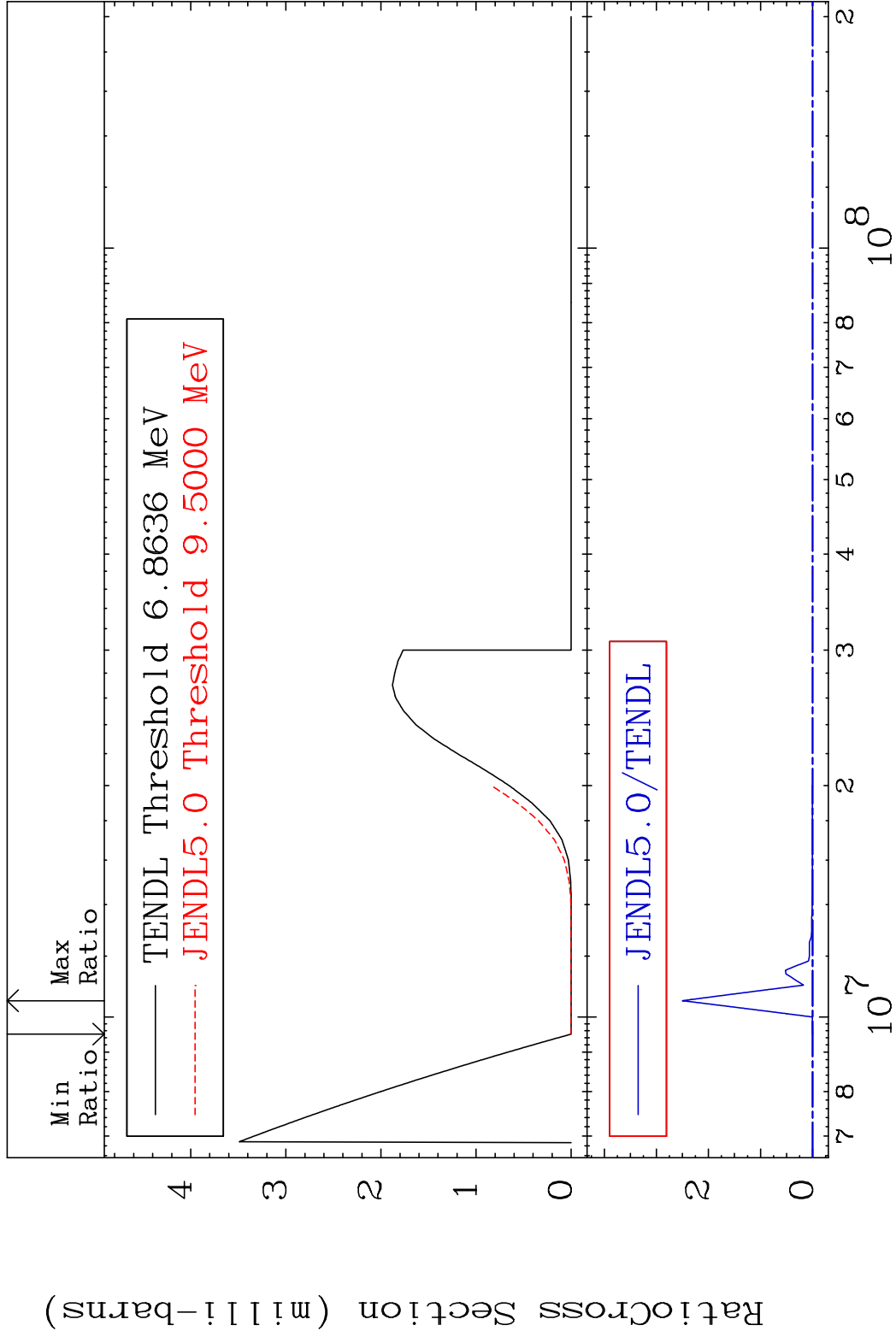


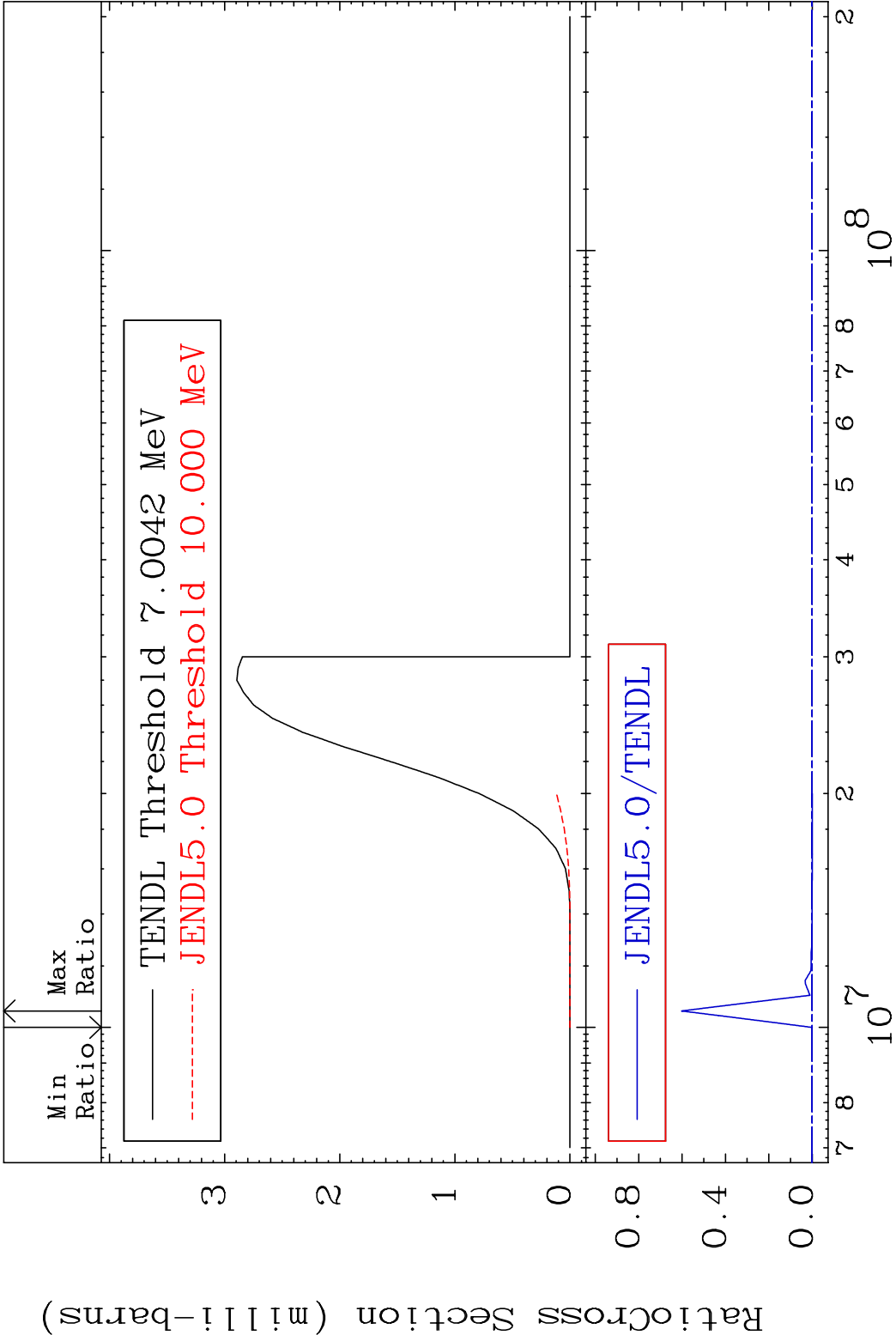
Radionuclide Production Cross Section (mb)



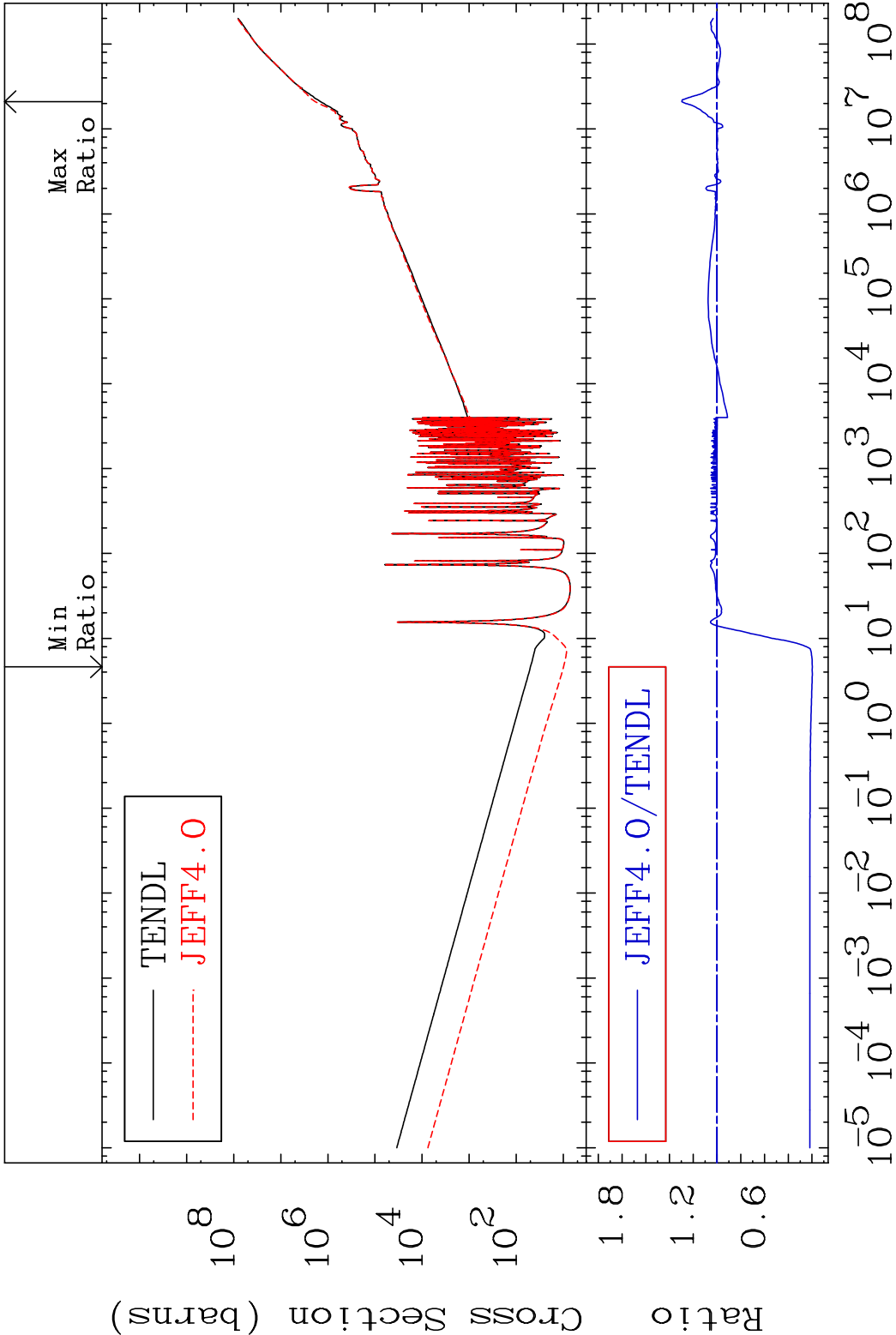


Radionuclide Production Cross Section (milli-barns)





MAT 6837 Kerma total (eV-barns) 68-Er-166
Cross Section -80.26 To 29.71 %

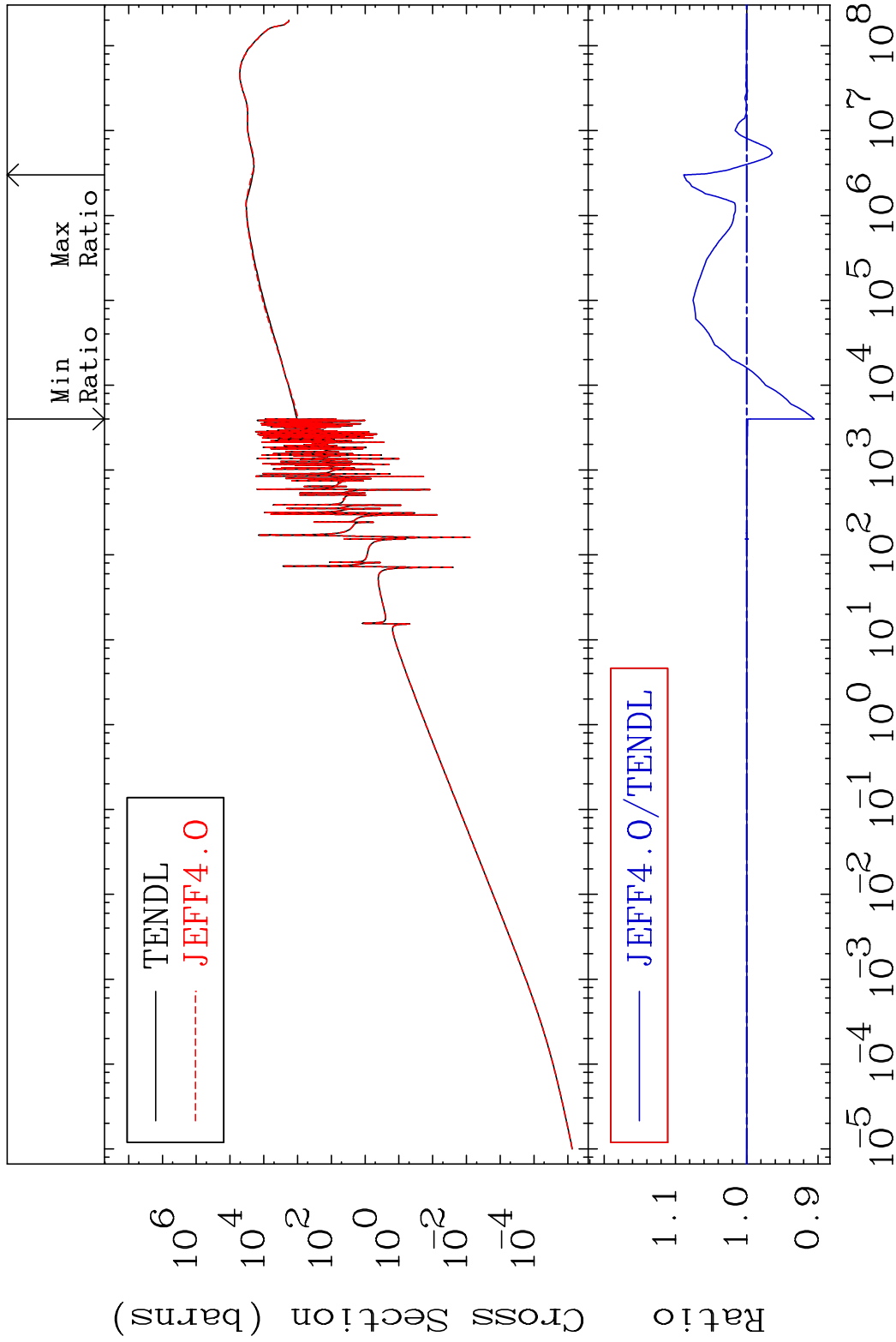


69 Incident Energy (eV) 68-Er-166

MAT 6837

Kerma elastic
Cross Section

68-Er-166
-9.452 To 8.841 %

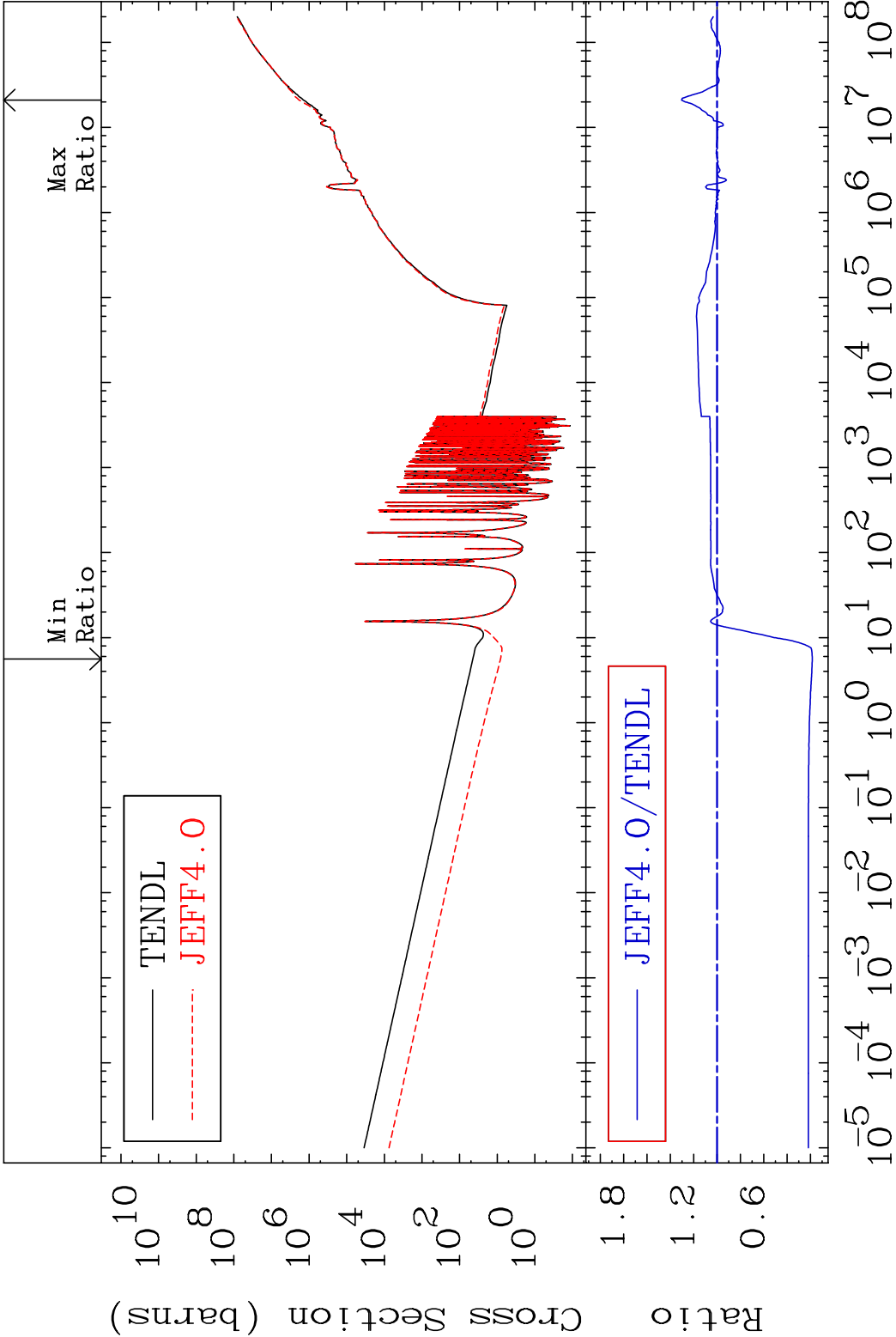


70

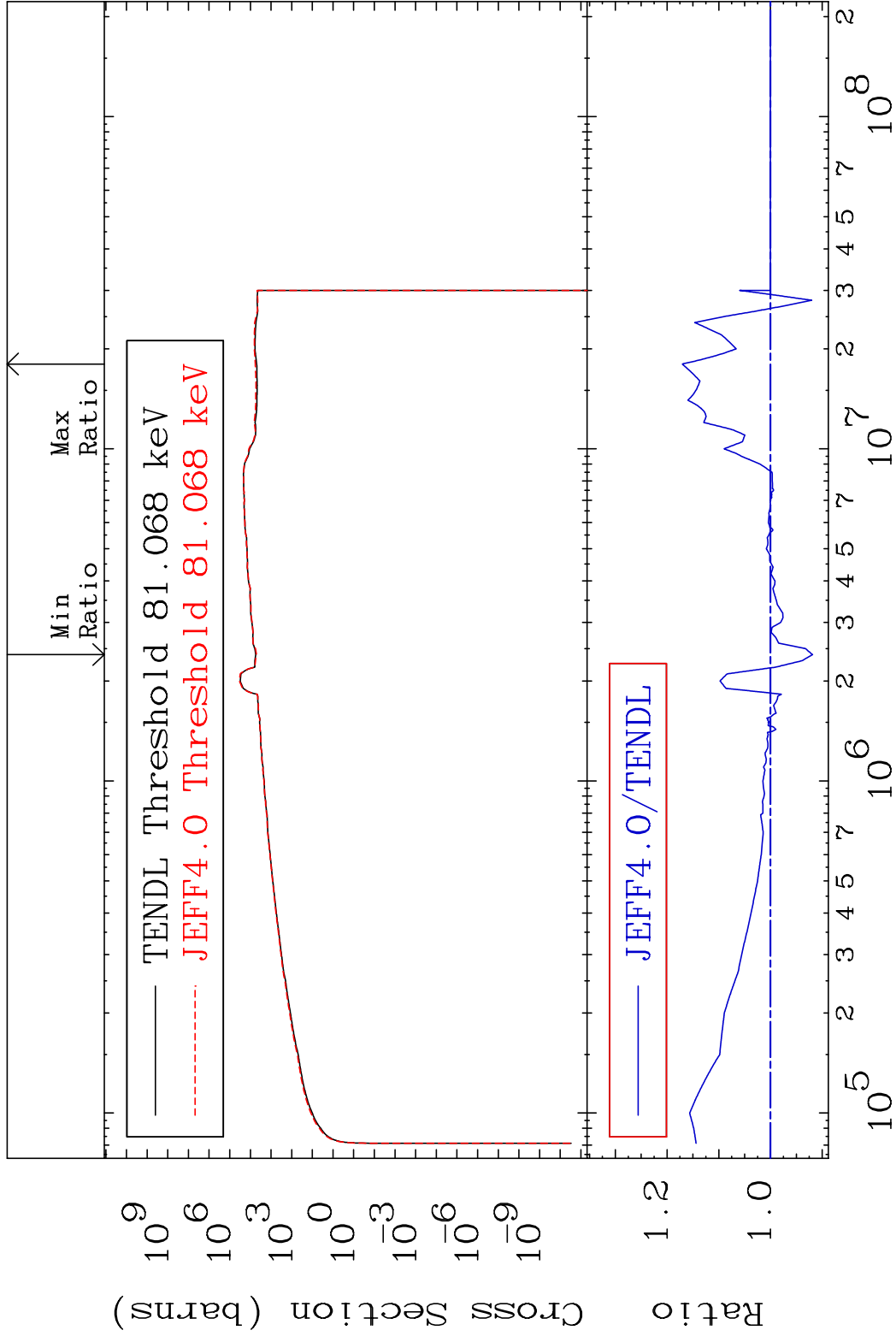
Incident Energy (eV)

68-Er-166

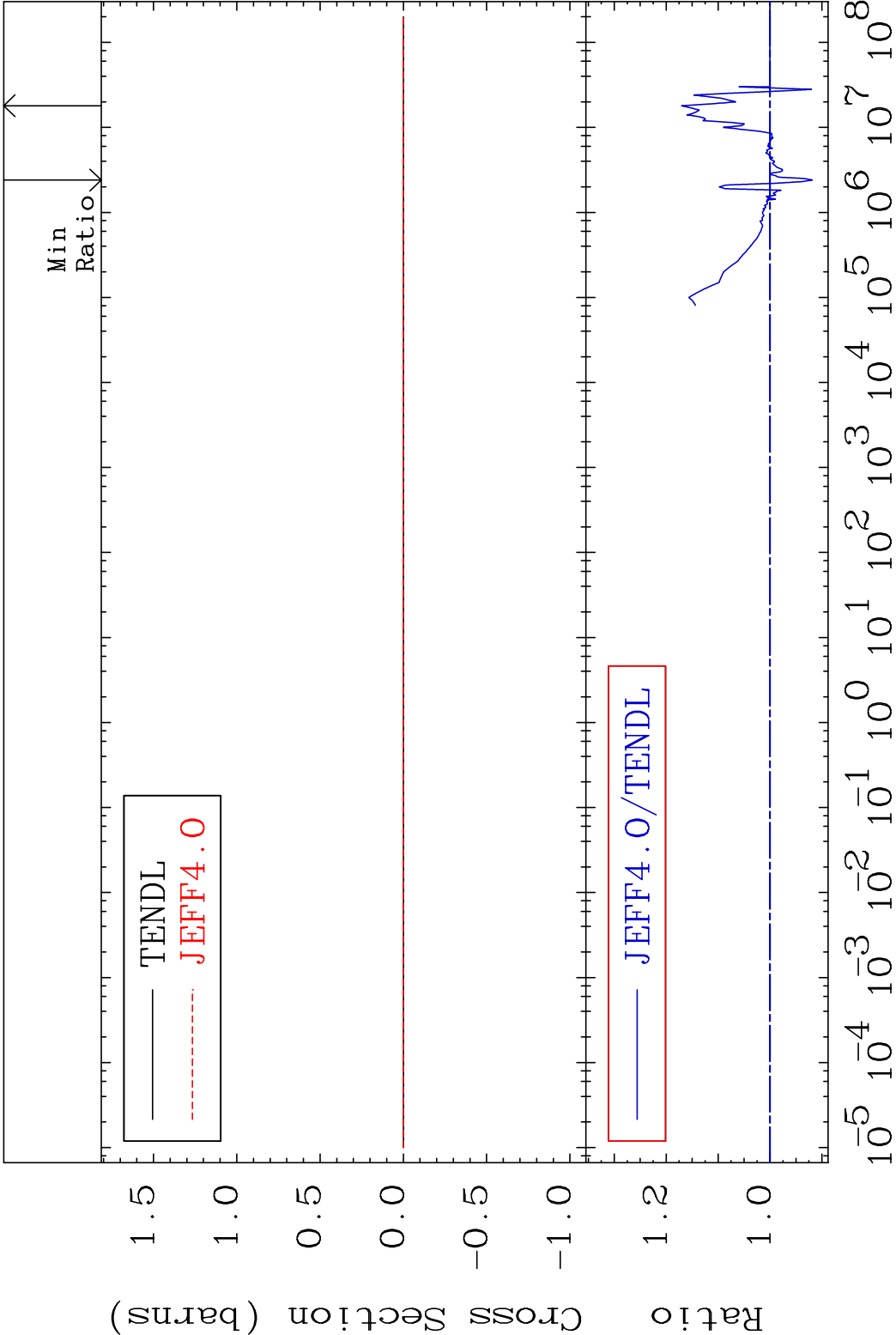
MAT 6837 Kerma non-elastic (all but mt2) 68-Er-166
Cross Section -81.51 To 30.39 %



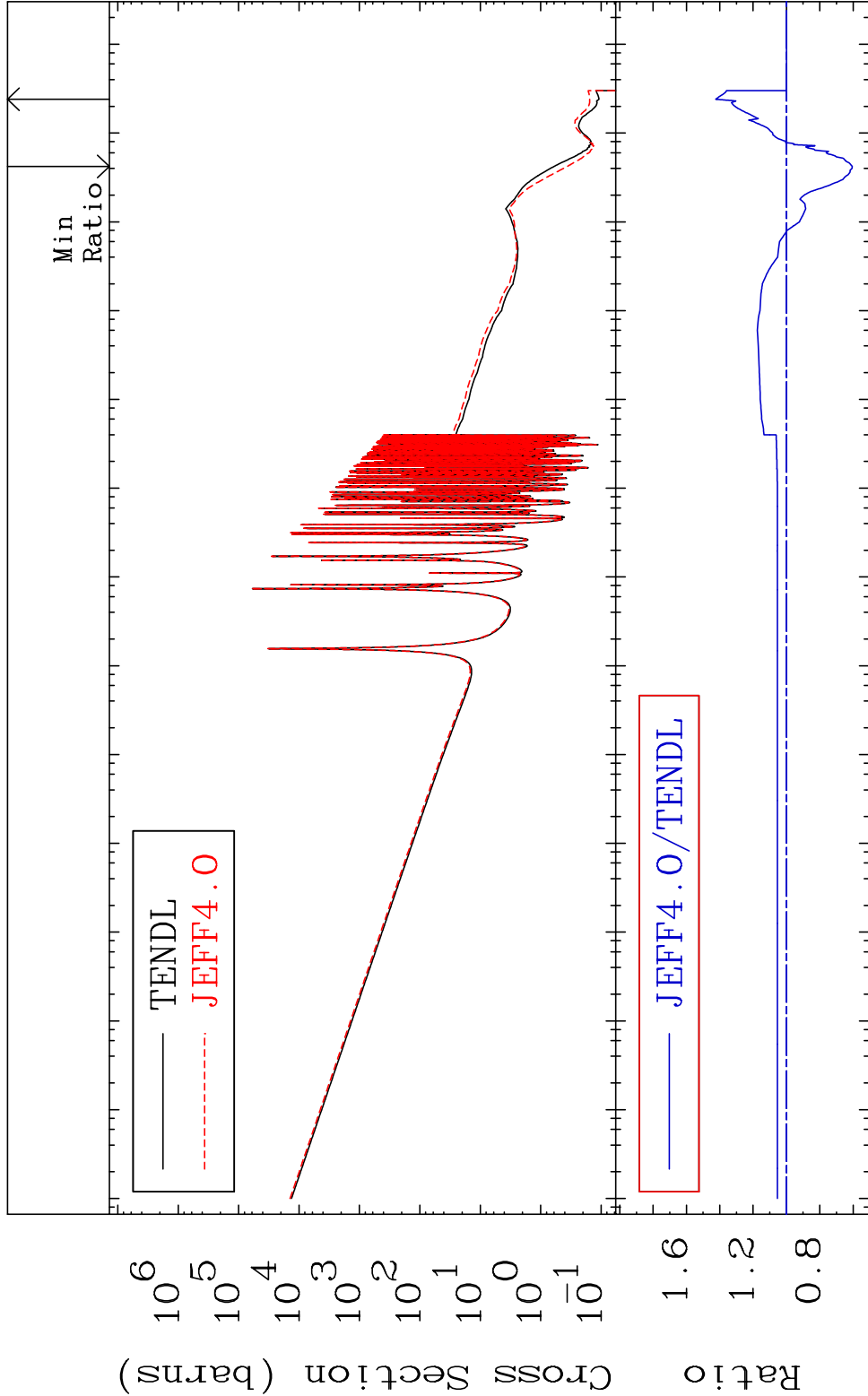
71 Incident Energy (eV) 68-Er-166

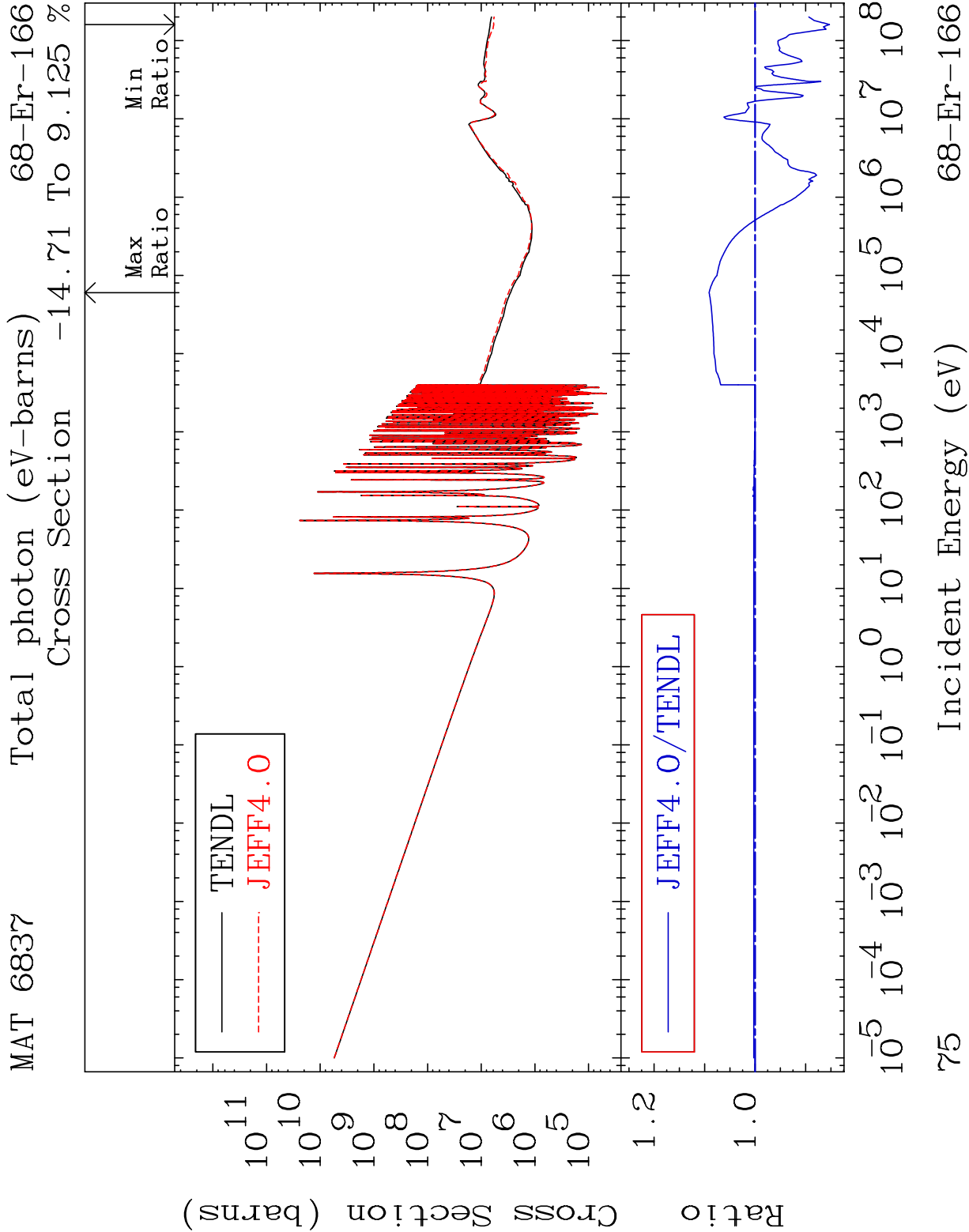


MAT 6837 Kerma fission (mt18 or mt19-20-21-38) 68-Er-166
Cross Section -8.133 To 17.04 %

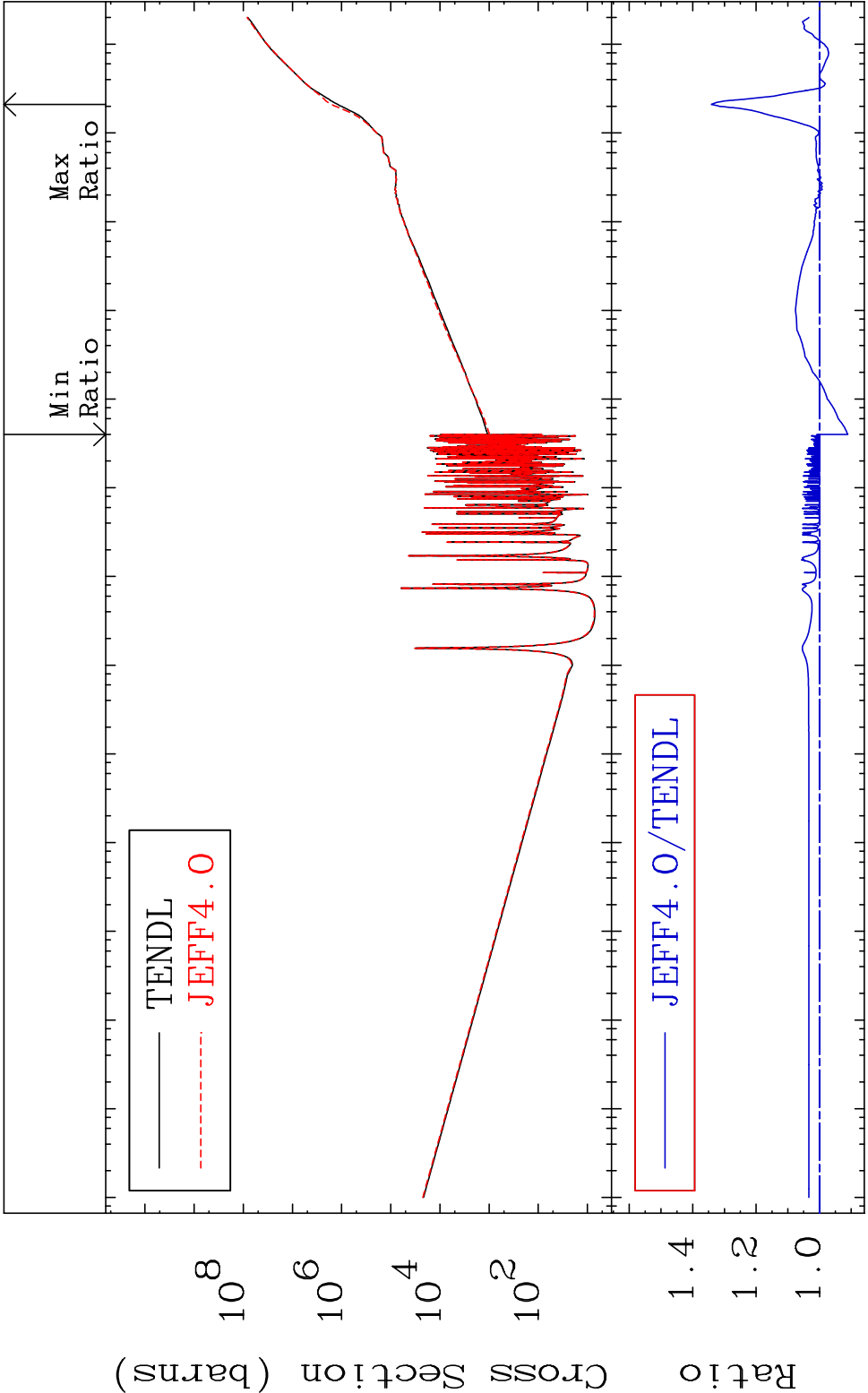


MAT 6837 Kerma capture (mt102) 68-Er-166
Cross Section -39.46 To 42.46 %

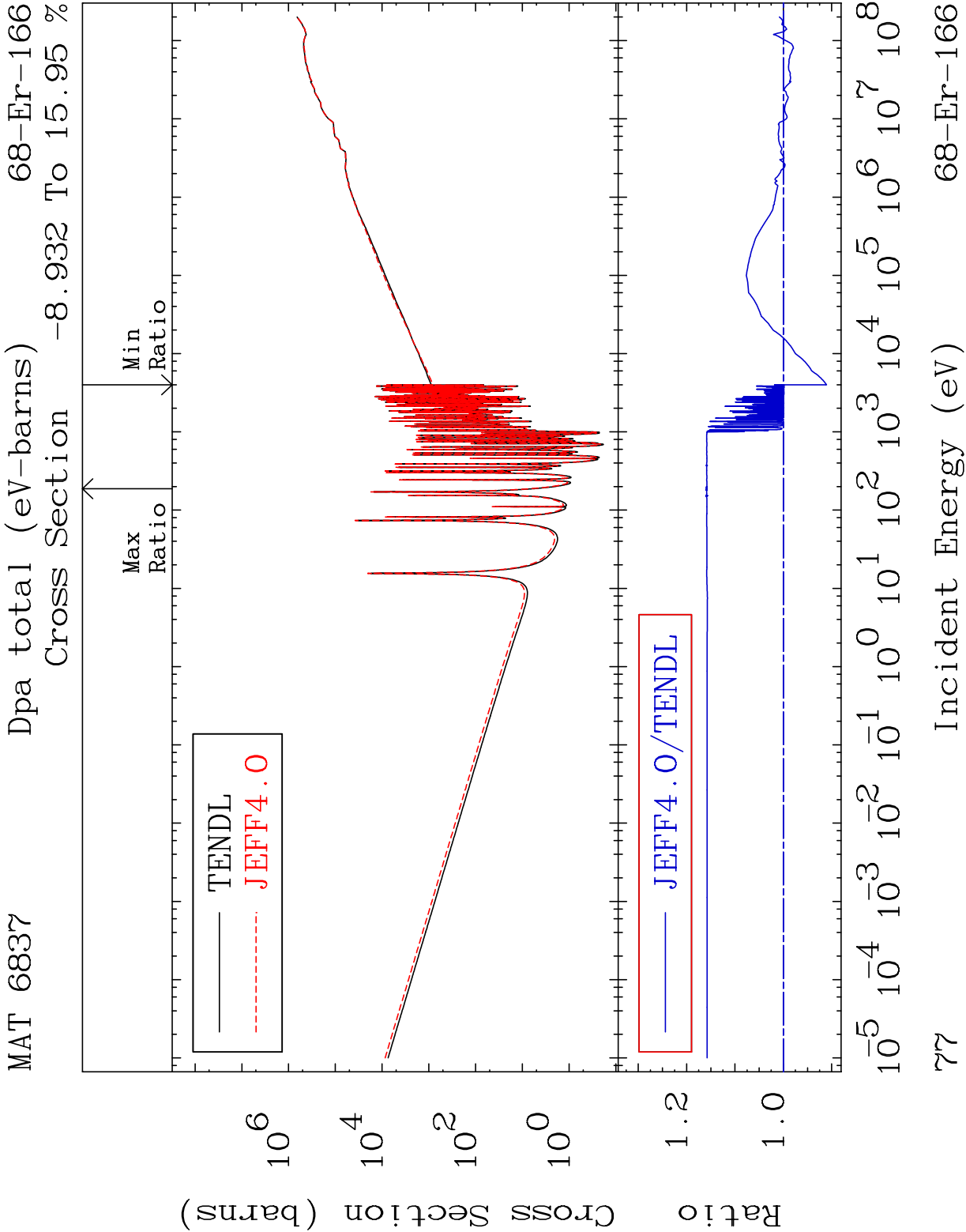


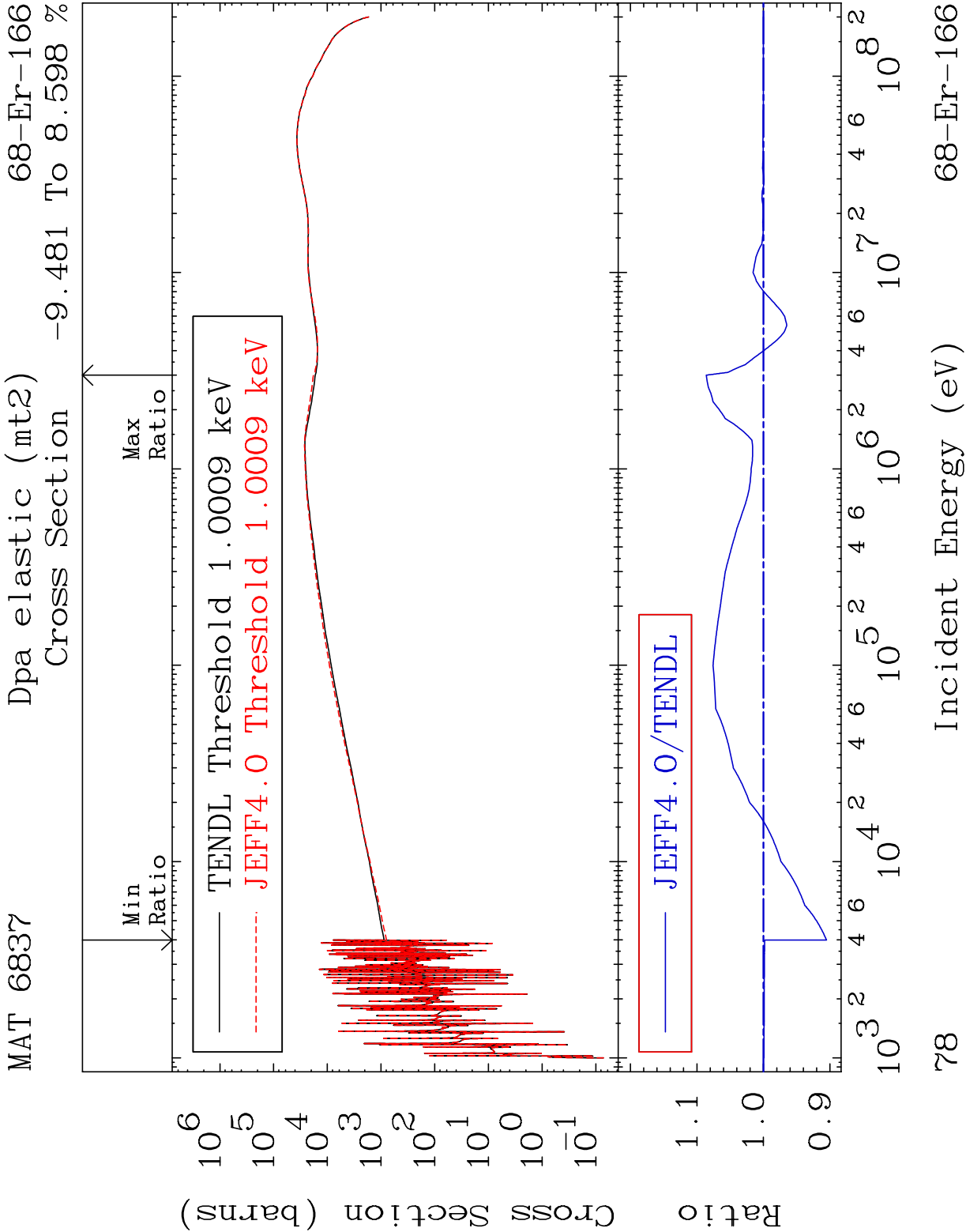


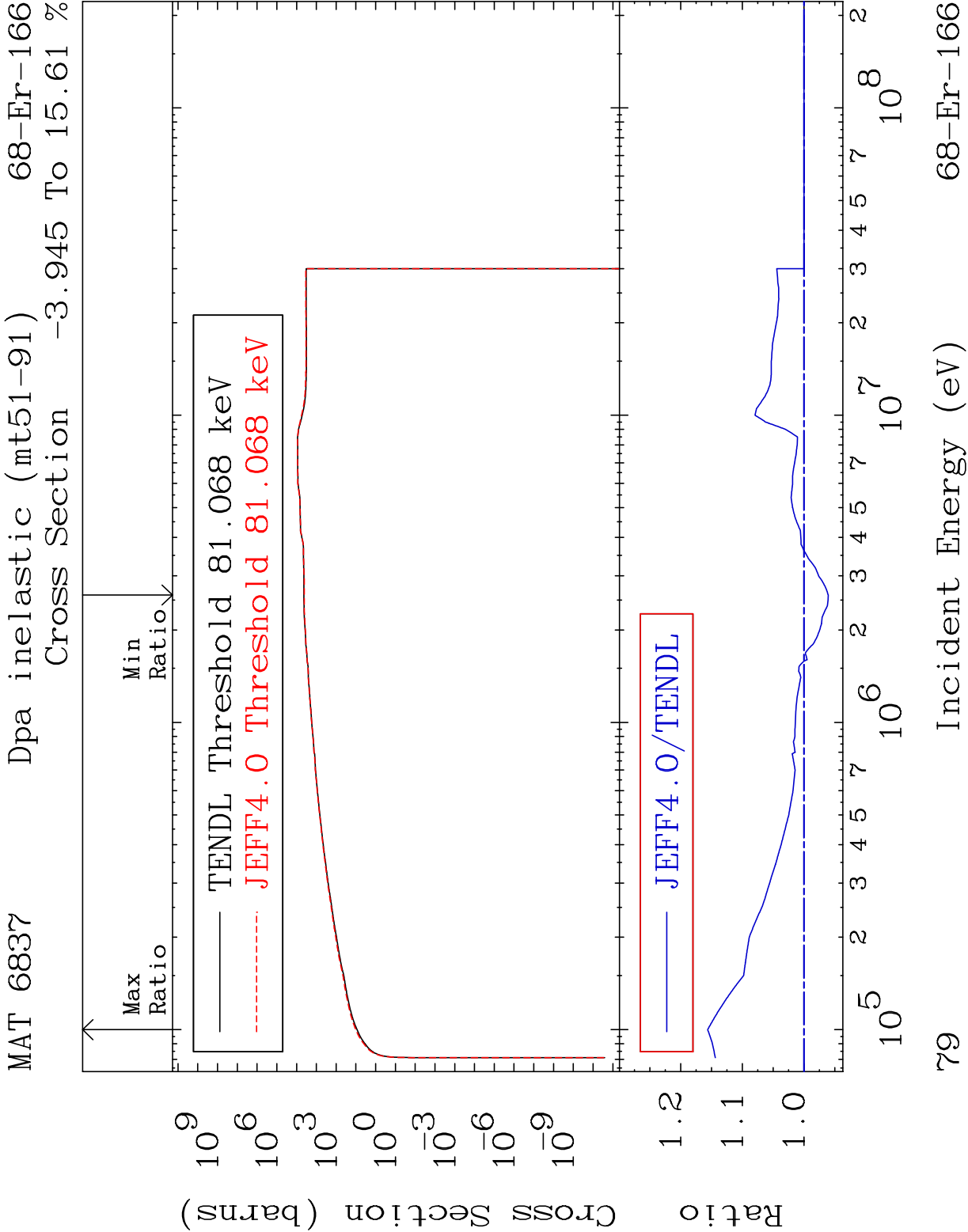
MAT 6837 Total kinematic kerma (high limit) 68-Er-166
Cross Section -8.906 To 34.12 %



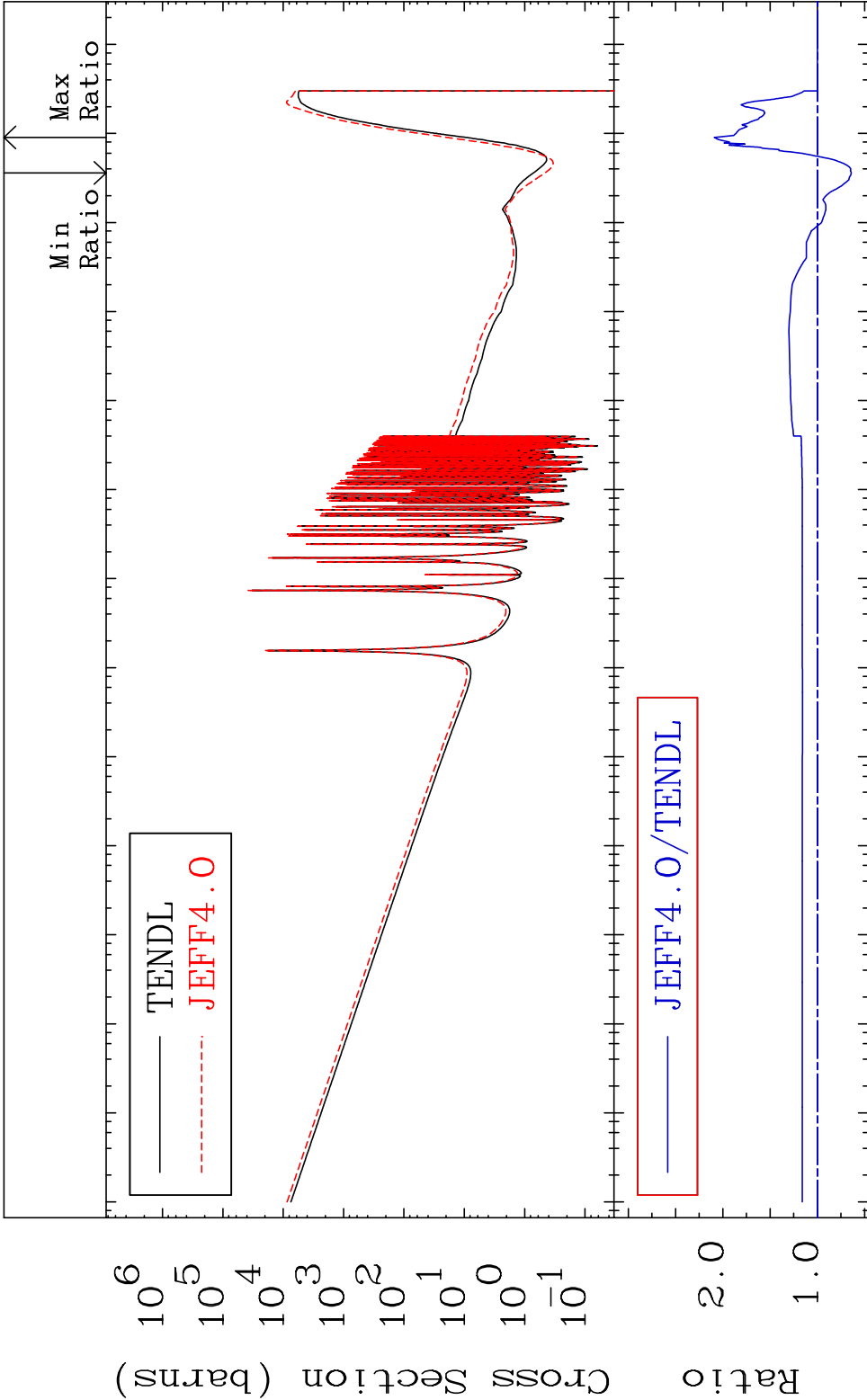
76 Incident Energy (eV) 68-Er-166







MAT 6837 Dpa disappearance (mt102 -120) 68-Er-166
Cross Section -35.84 To 109.1 %



80 Incident Energy (eV) 68-Er-166

