

Program Complot
(Version 2021-1)

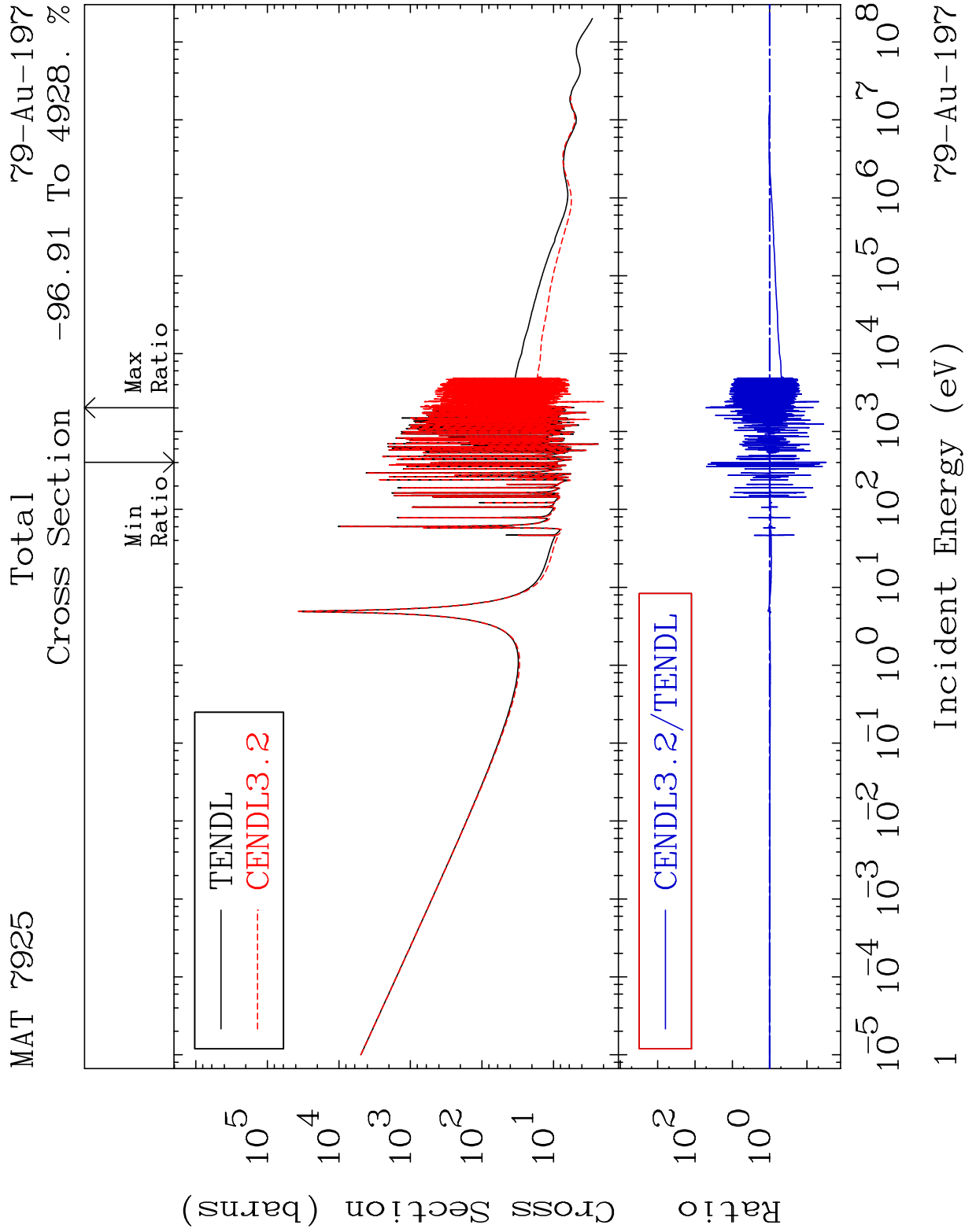
by

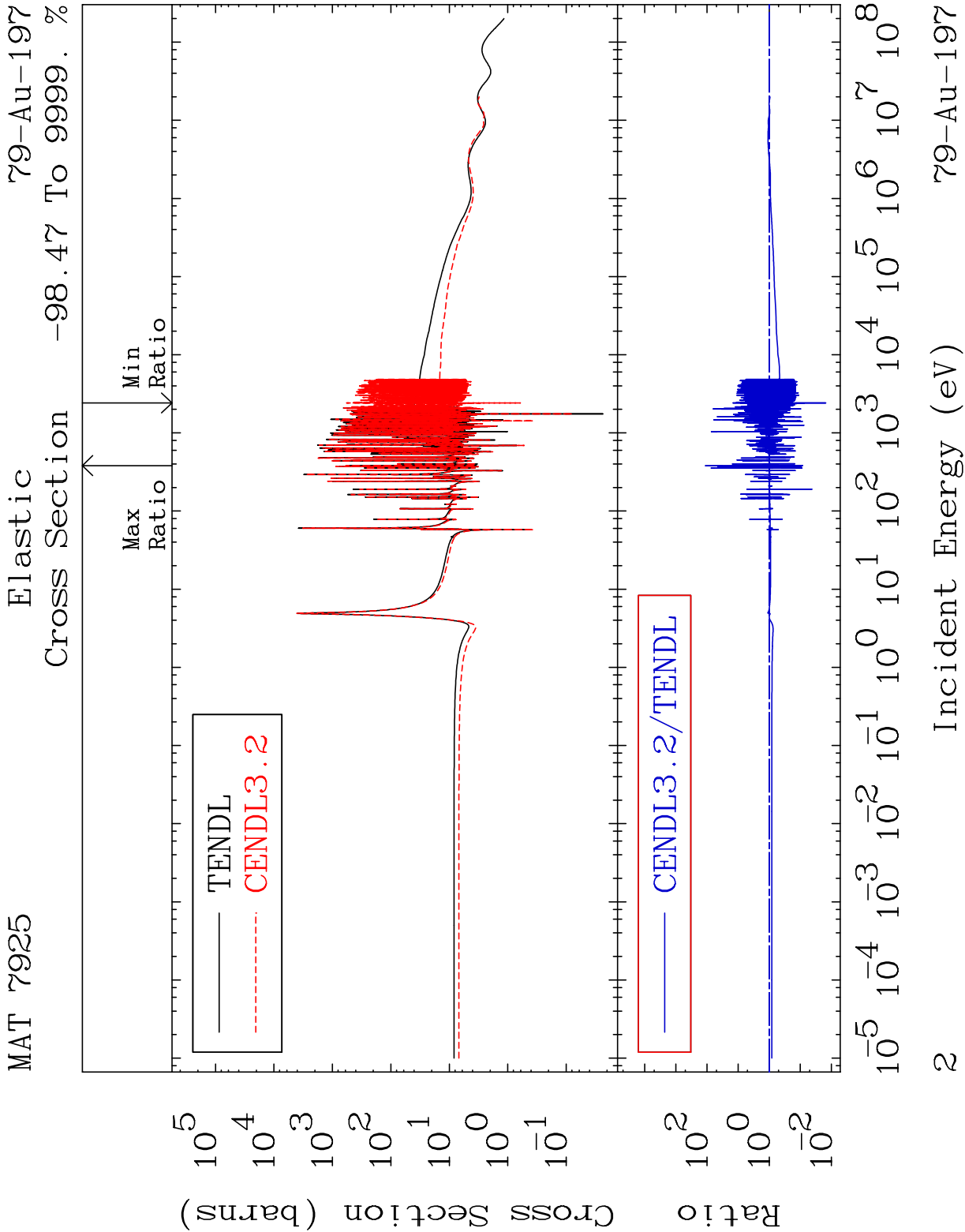
Dermott E. Cullen
(Present Contact Information)

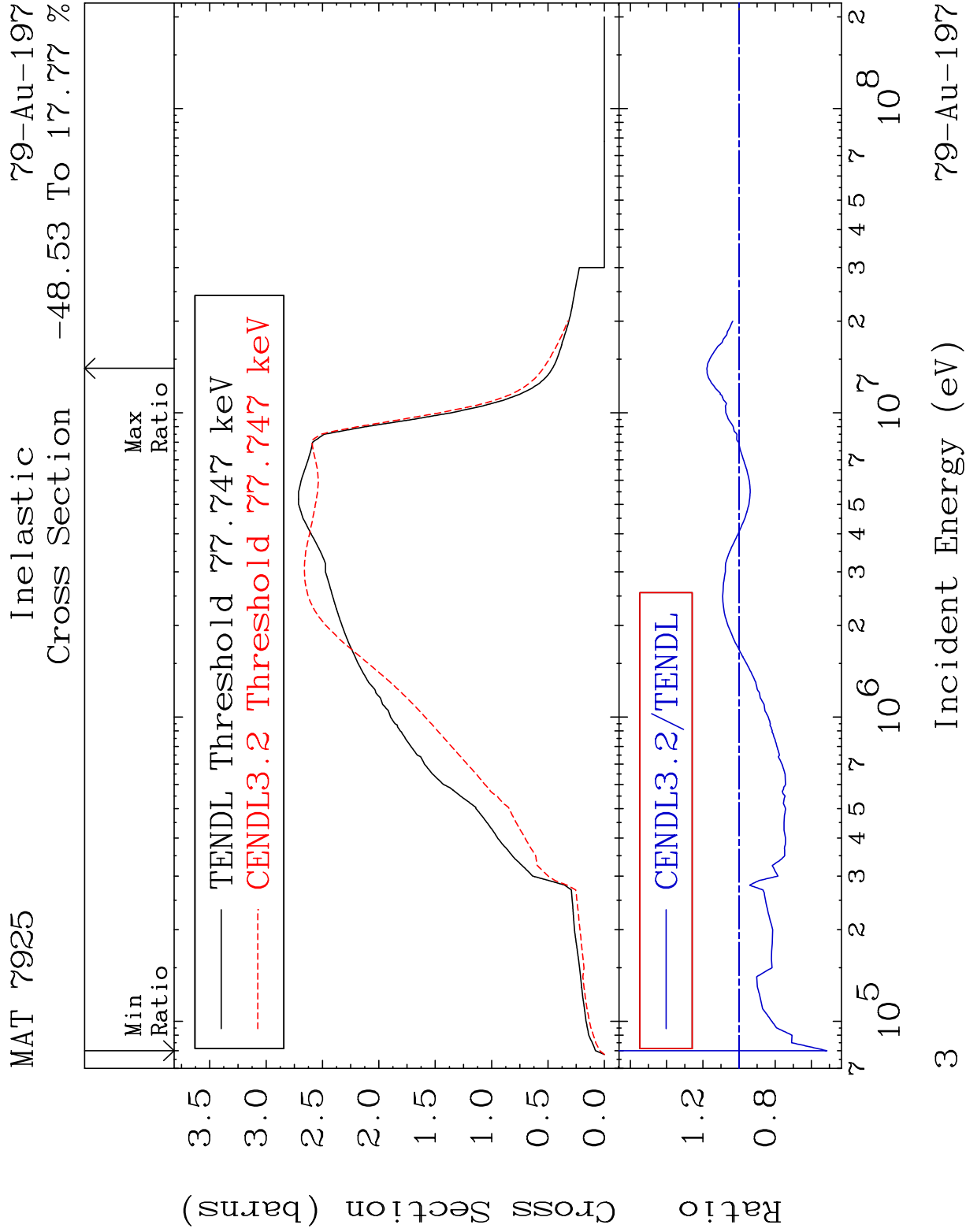
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Press Mouse Button to Start





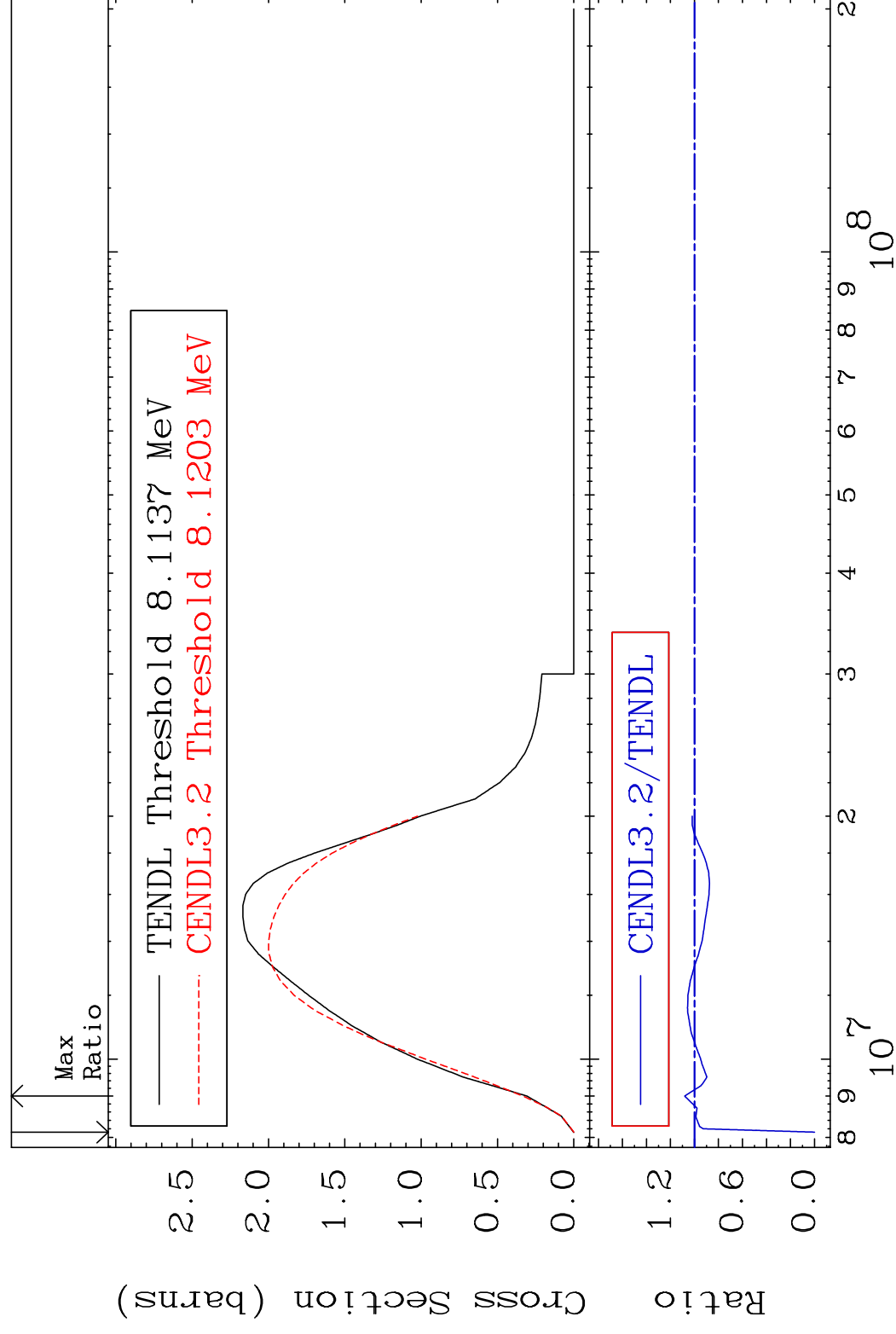


MAT 7925

$$(n, 2n)$$

79-Au-197

Cross Section



TENDL Threshold 8.1137 MeV

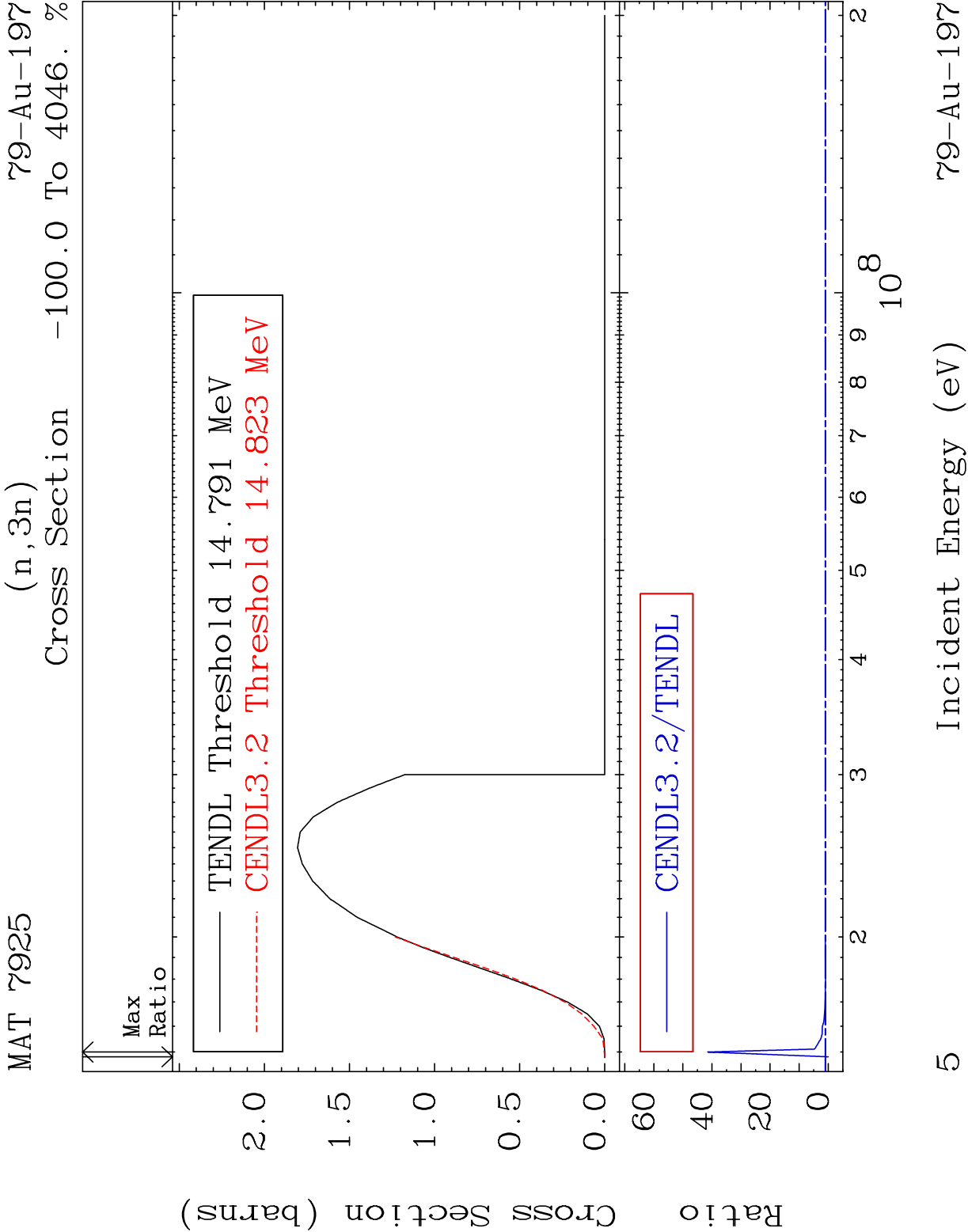
-----CENDL3.2 Threshold 8.1203 MeV

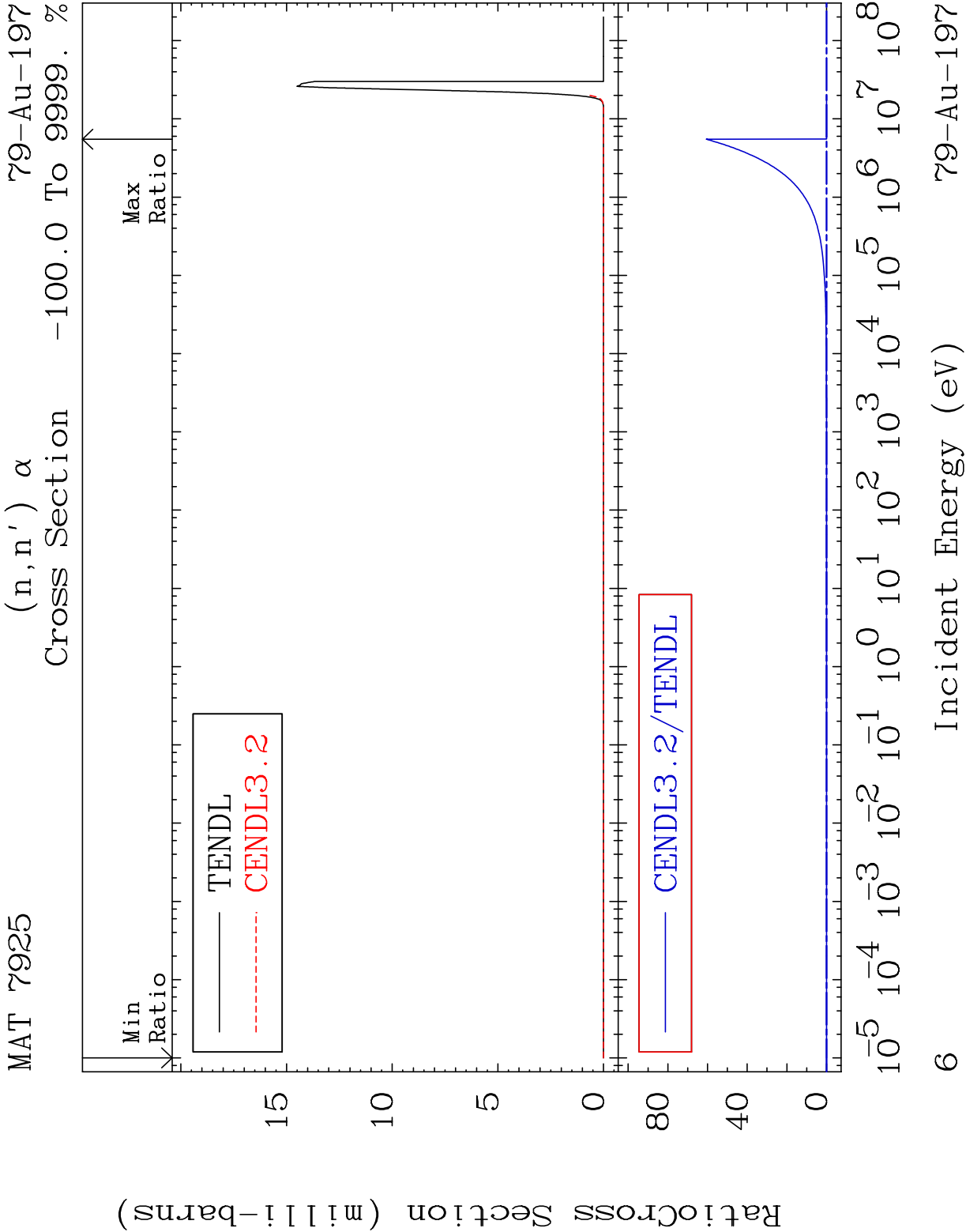
CENDL3.2/TENDL

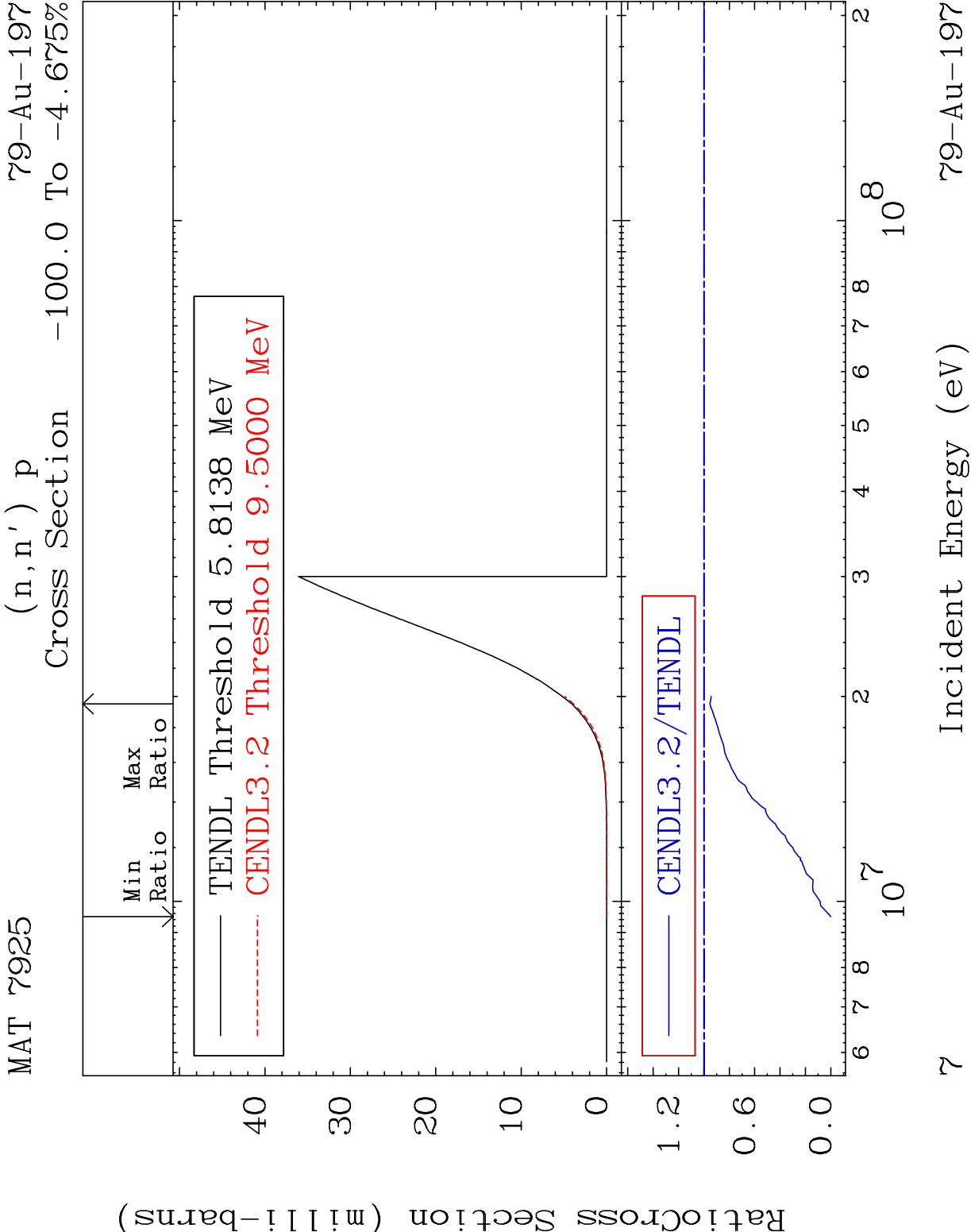
4

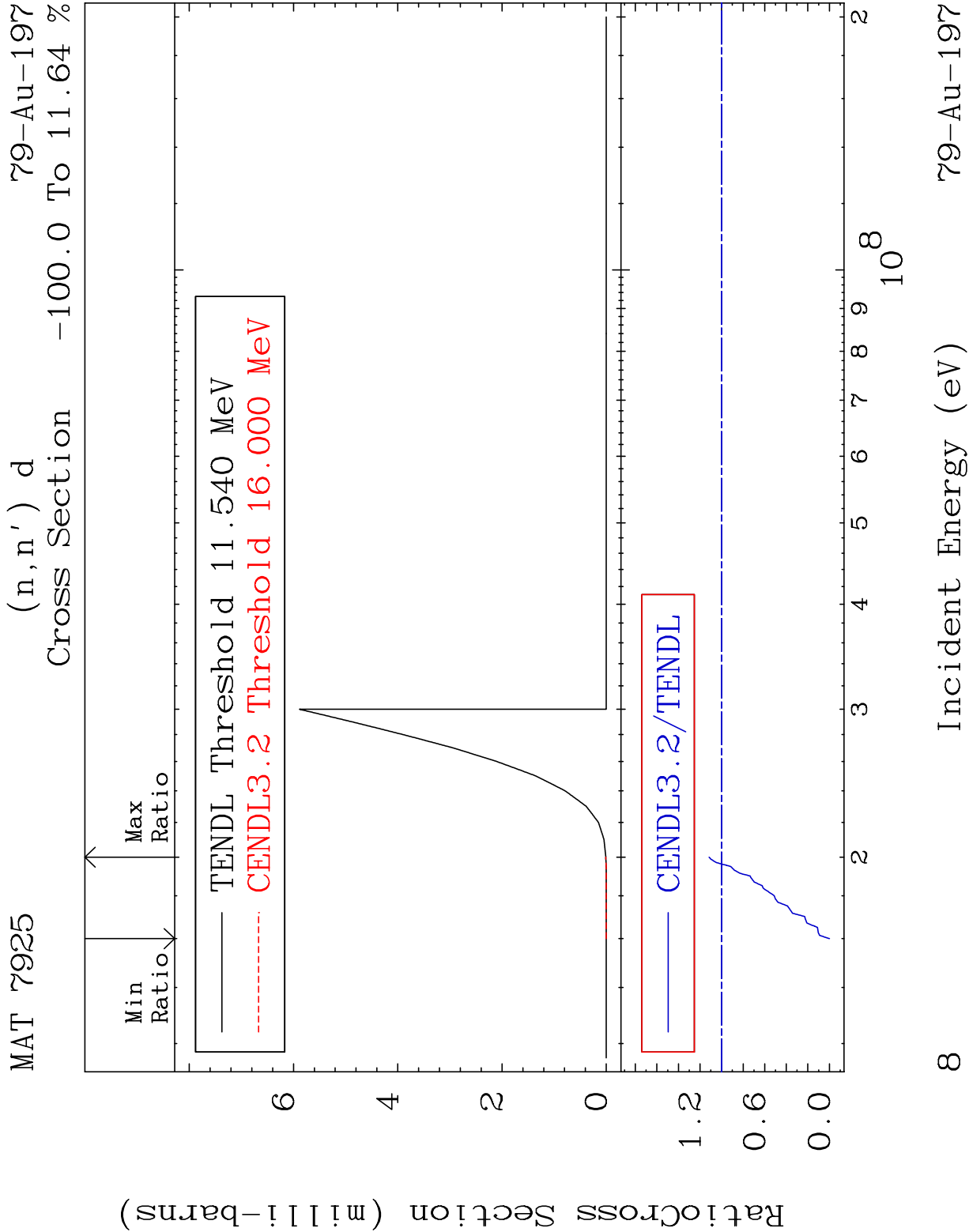
Incident Energy (eV)

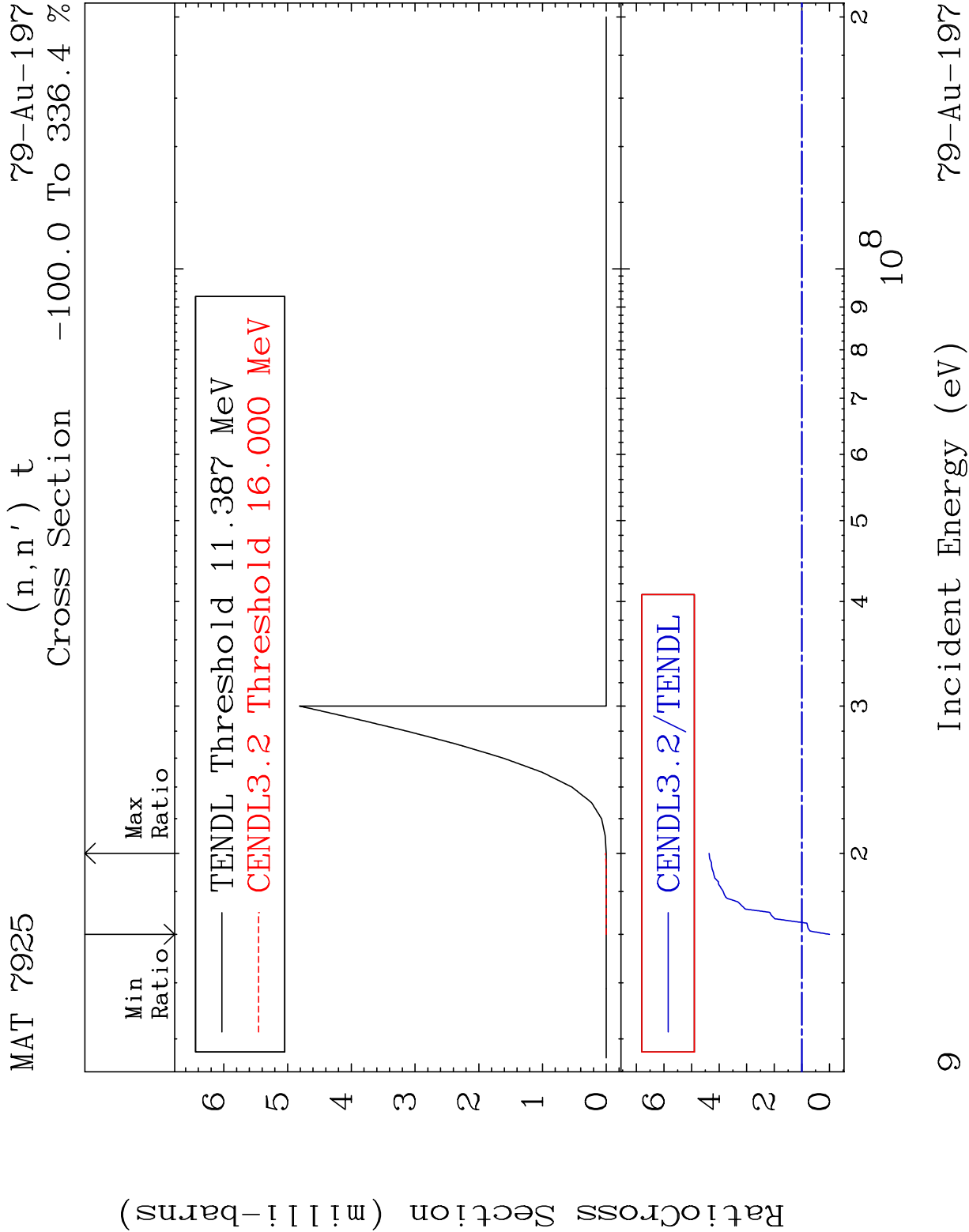
79-AU-197

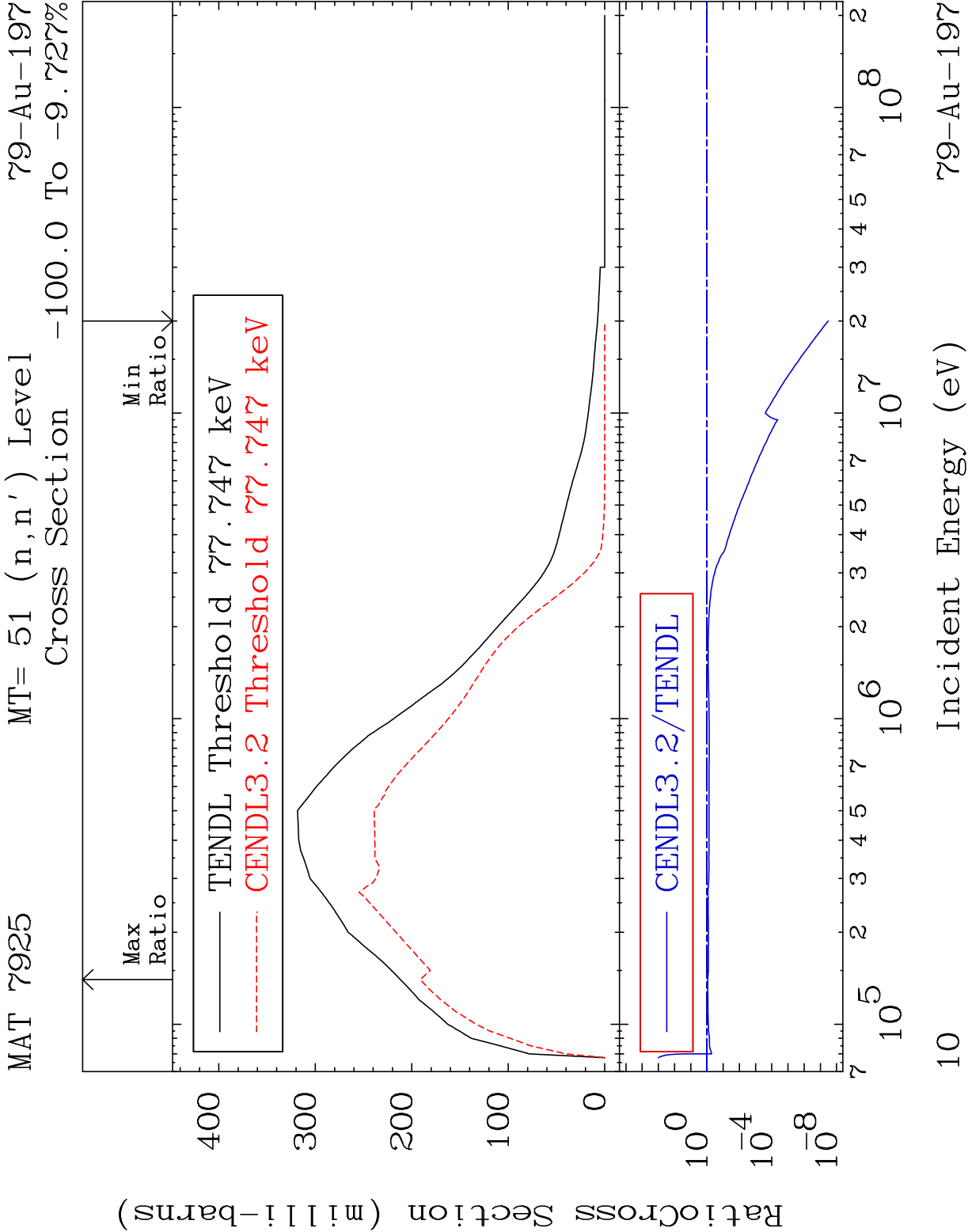


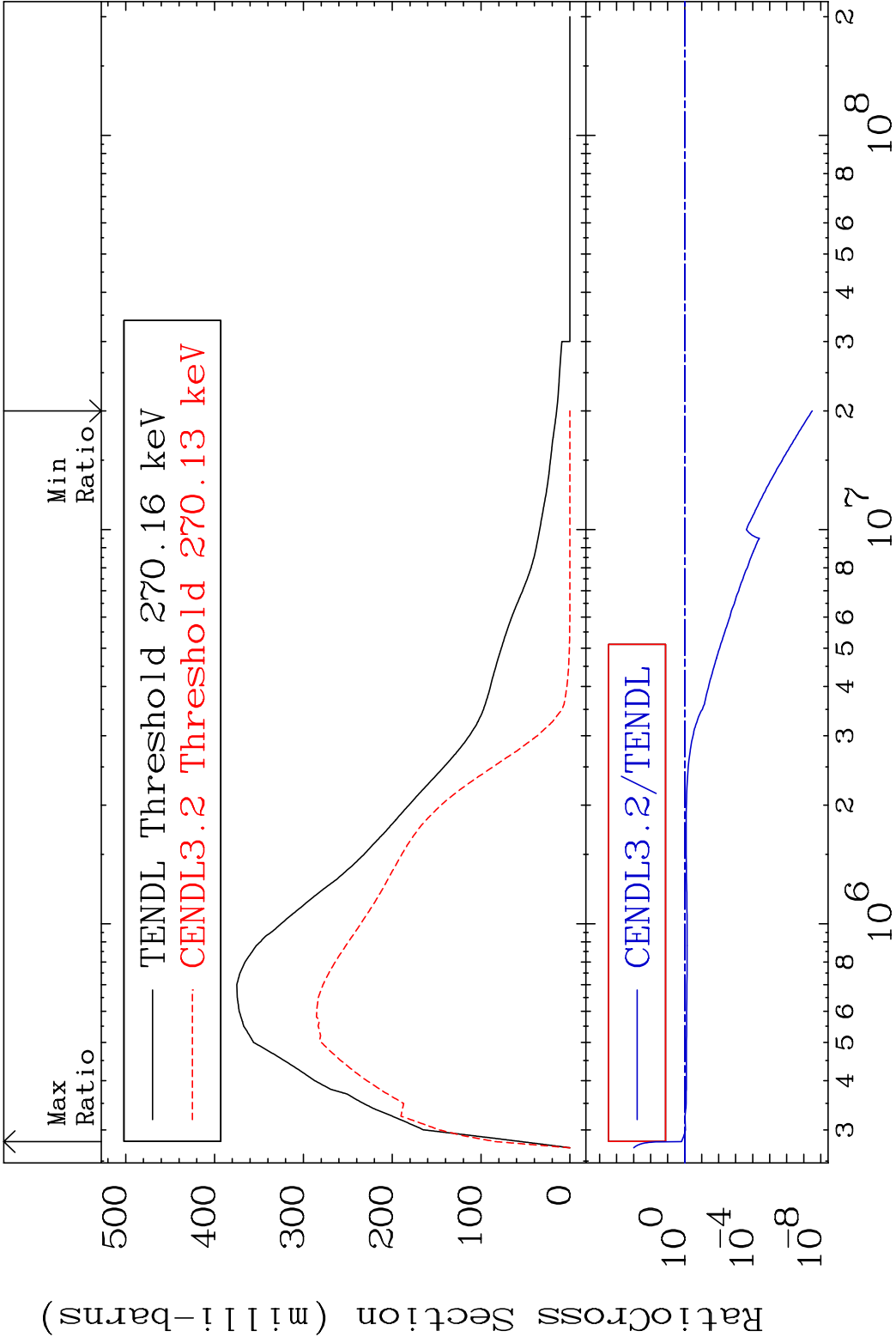




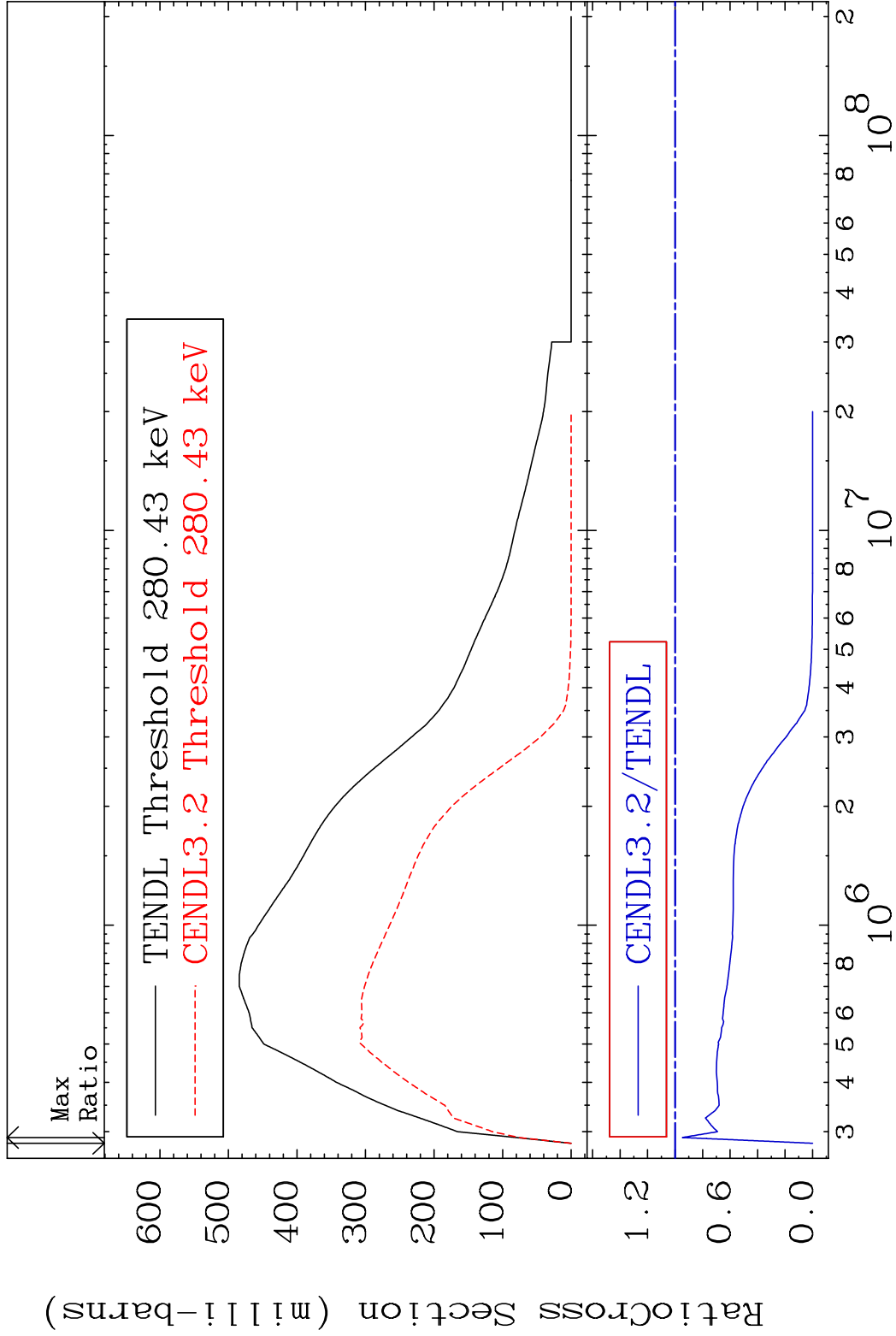




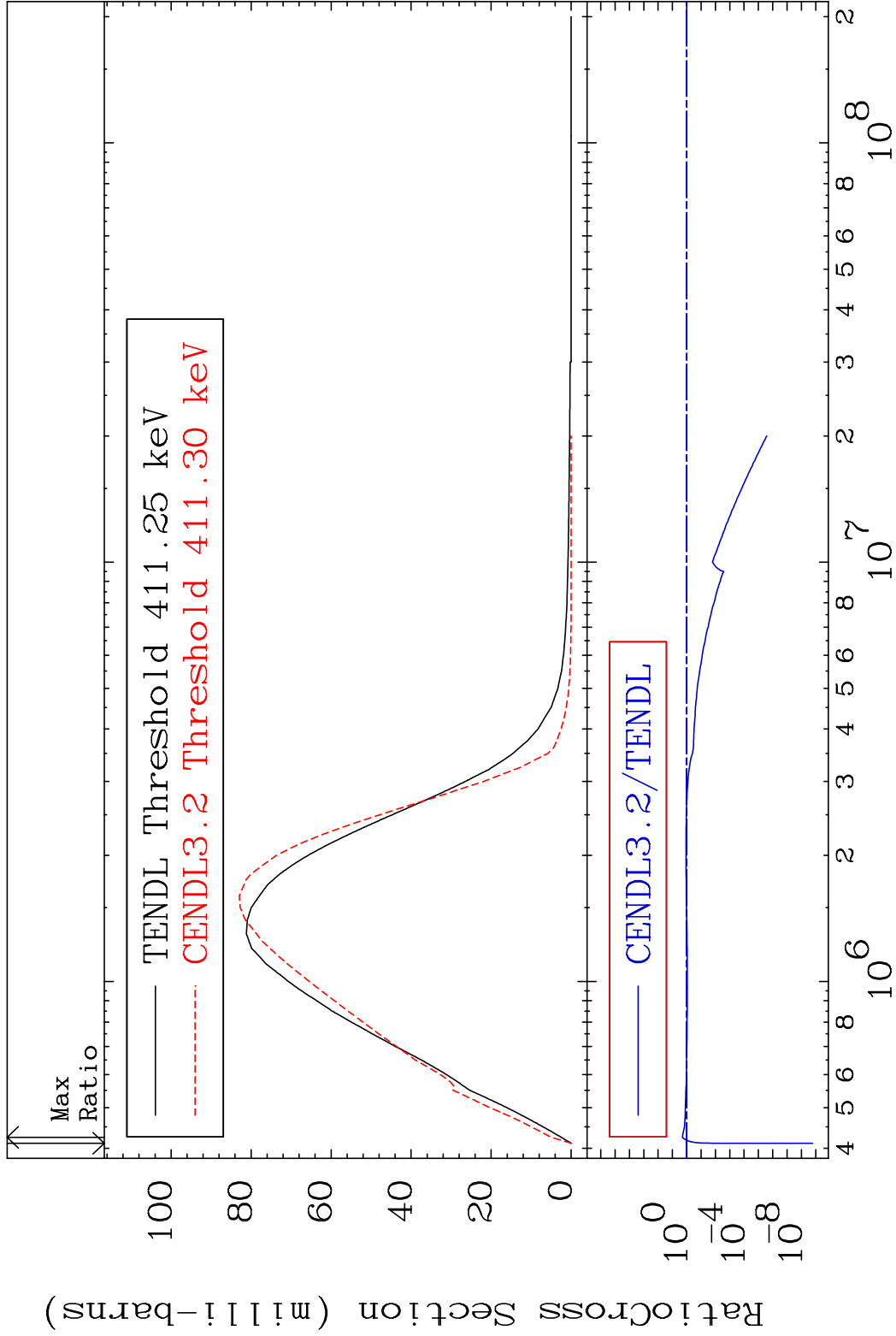




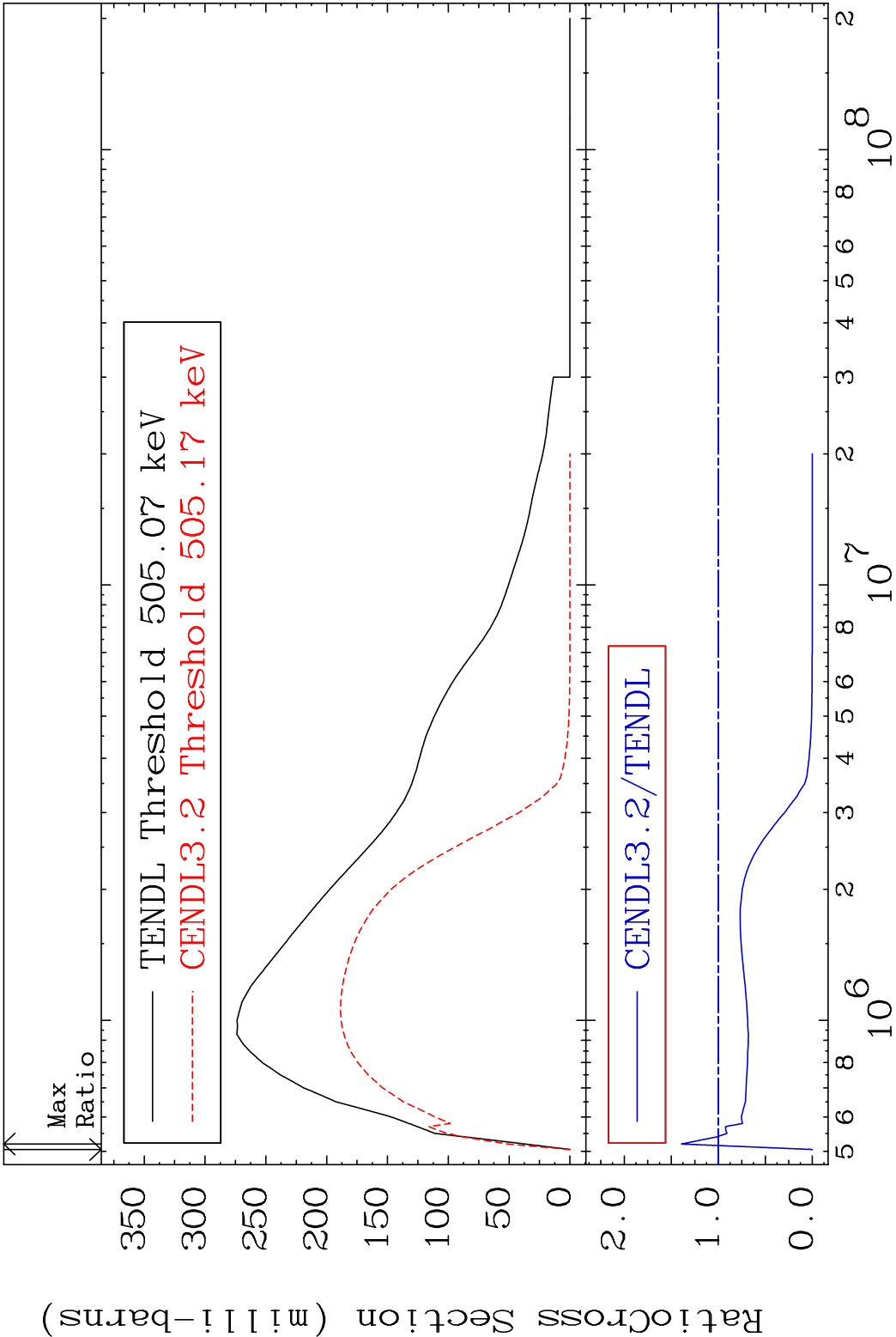
MAT 7925 MT= 53 (n,n') Level 79-Au-197
Cross Section -100.0 To -5.294%



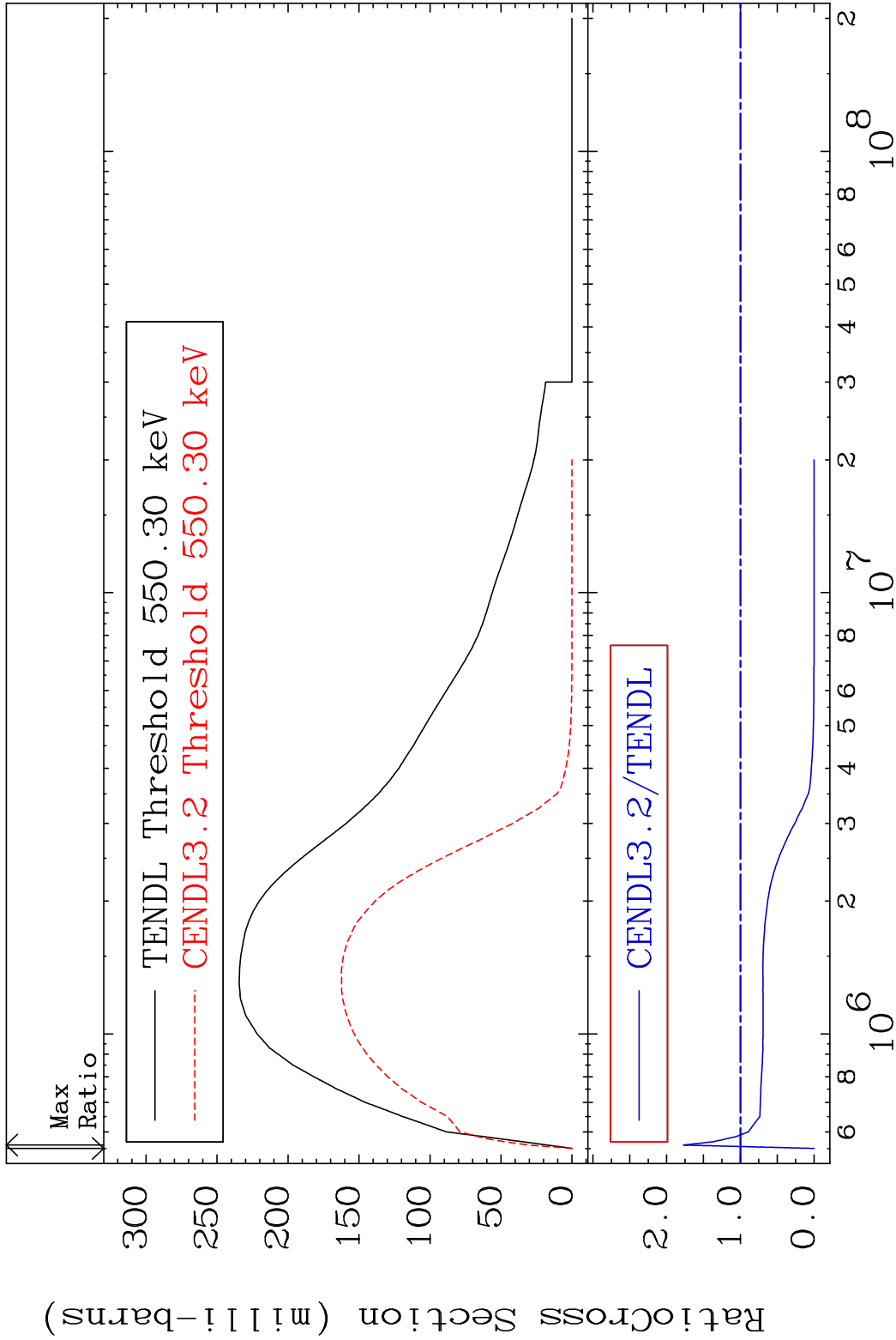
MAT 7925 MT= 54 (n,n') Level 79-Au-197
Cross Section -100.0 To 101.8 %

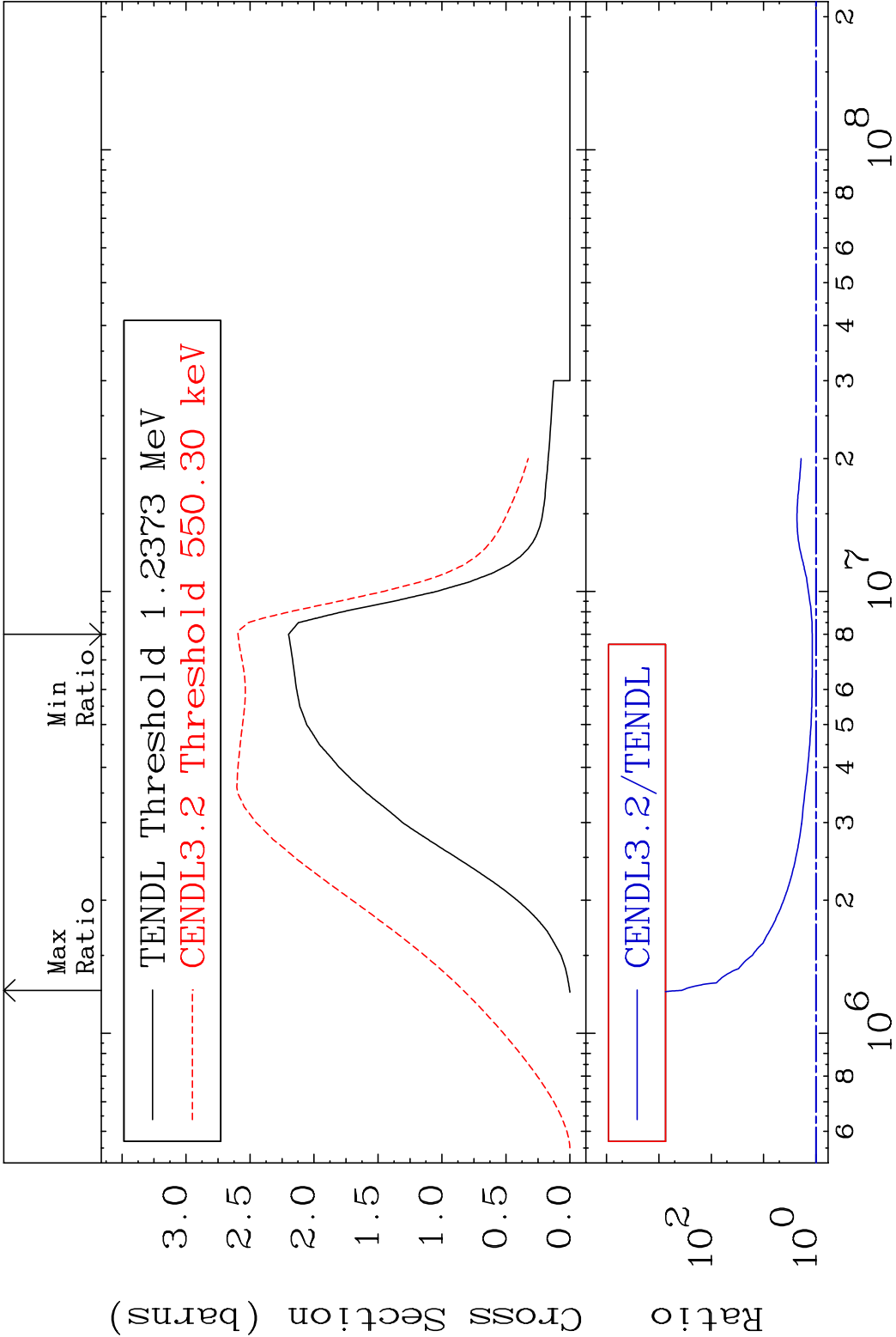


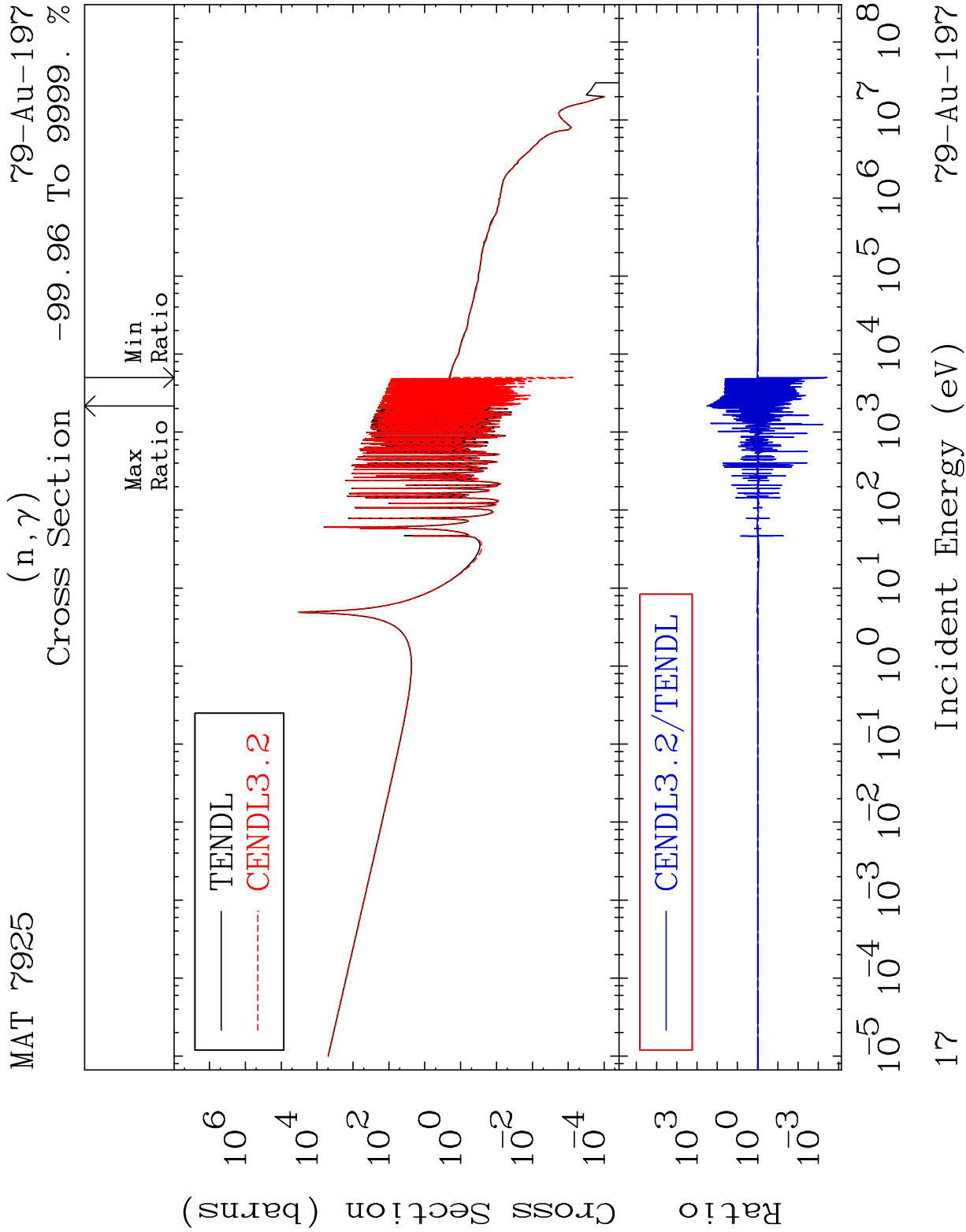
MAT 7925 MT= 55 (n,n') Level 79-Au-197
 Cross Section -100.0 To 39.07 %

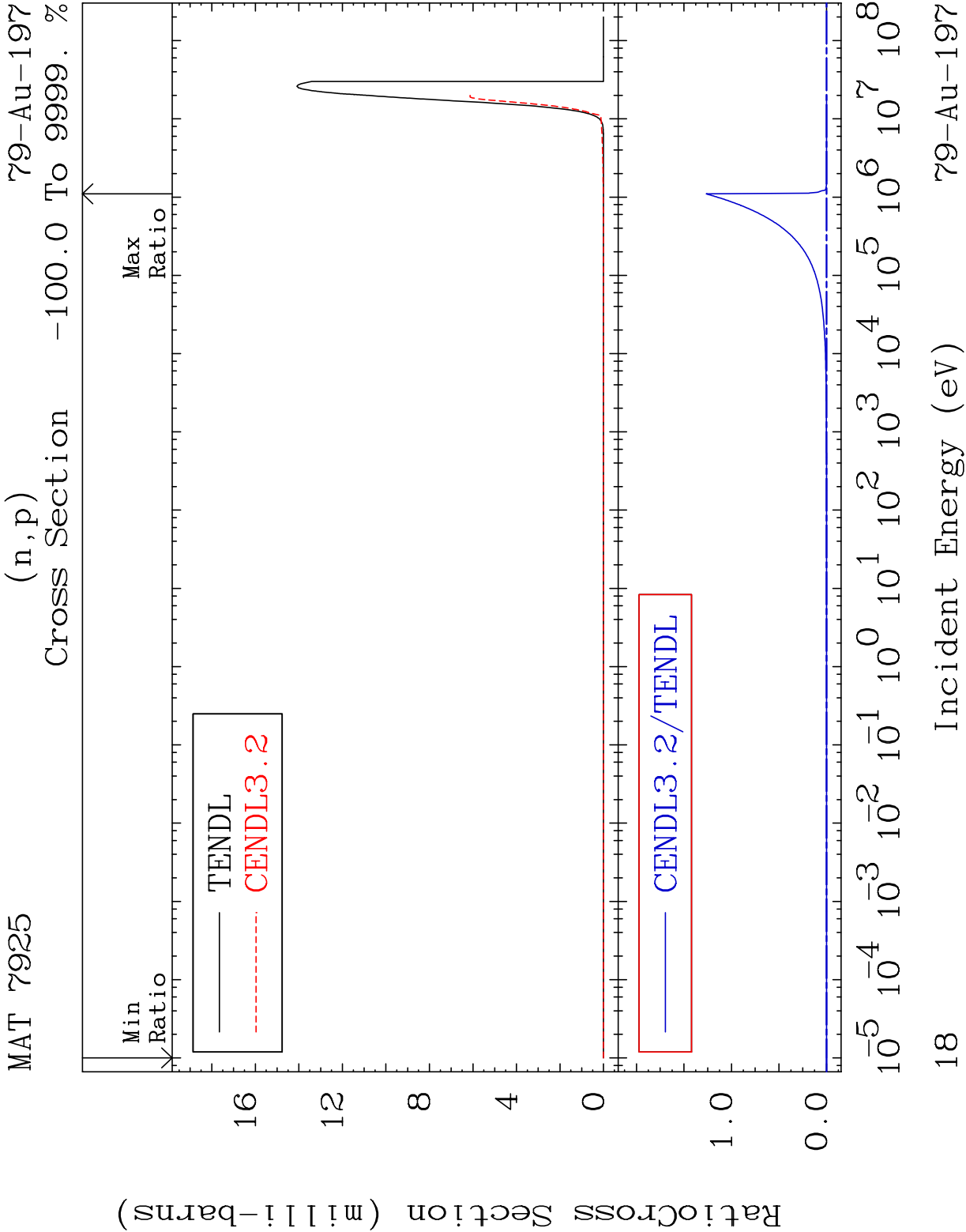


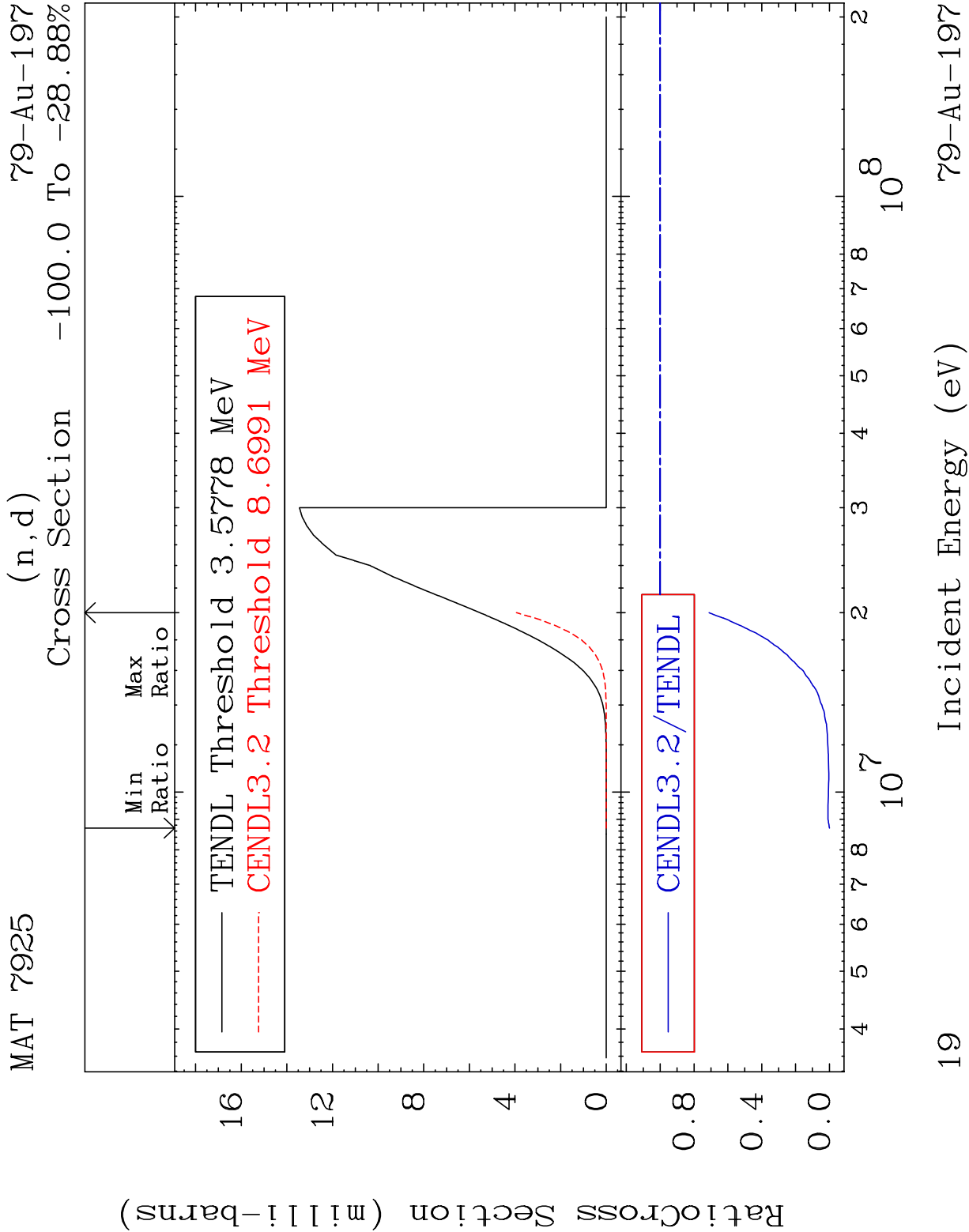
MAT 7925 MT= 56 (n,n') Level 79-Au-197
Cross Section -100.0 To 77.19 %

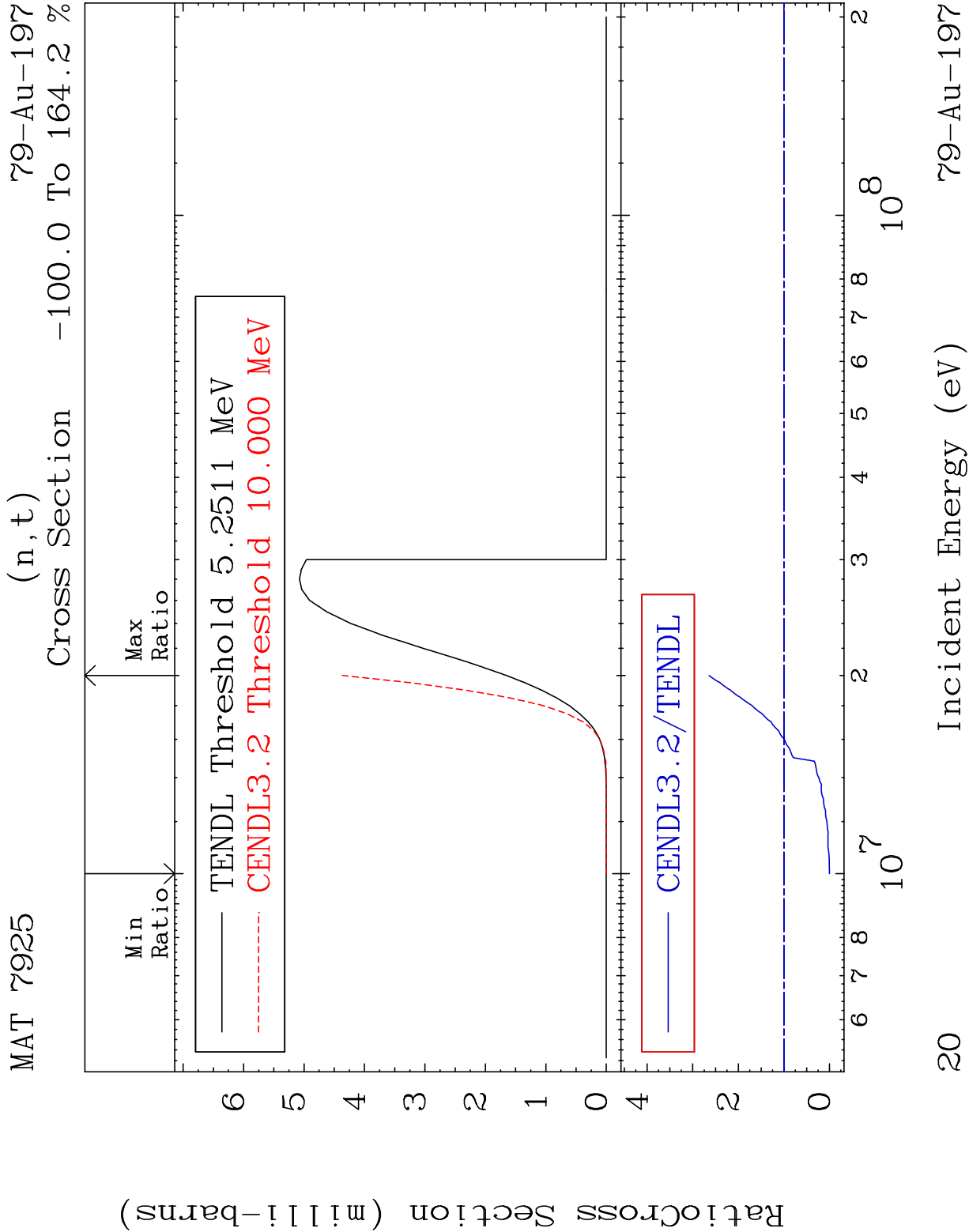


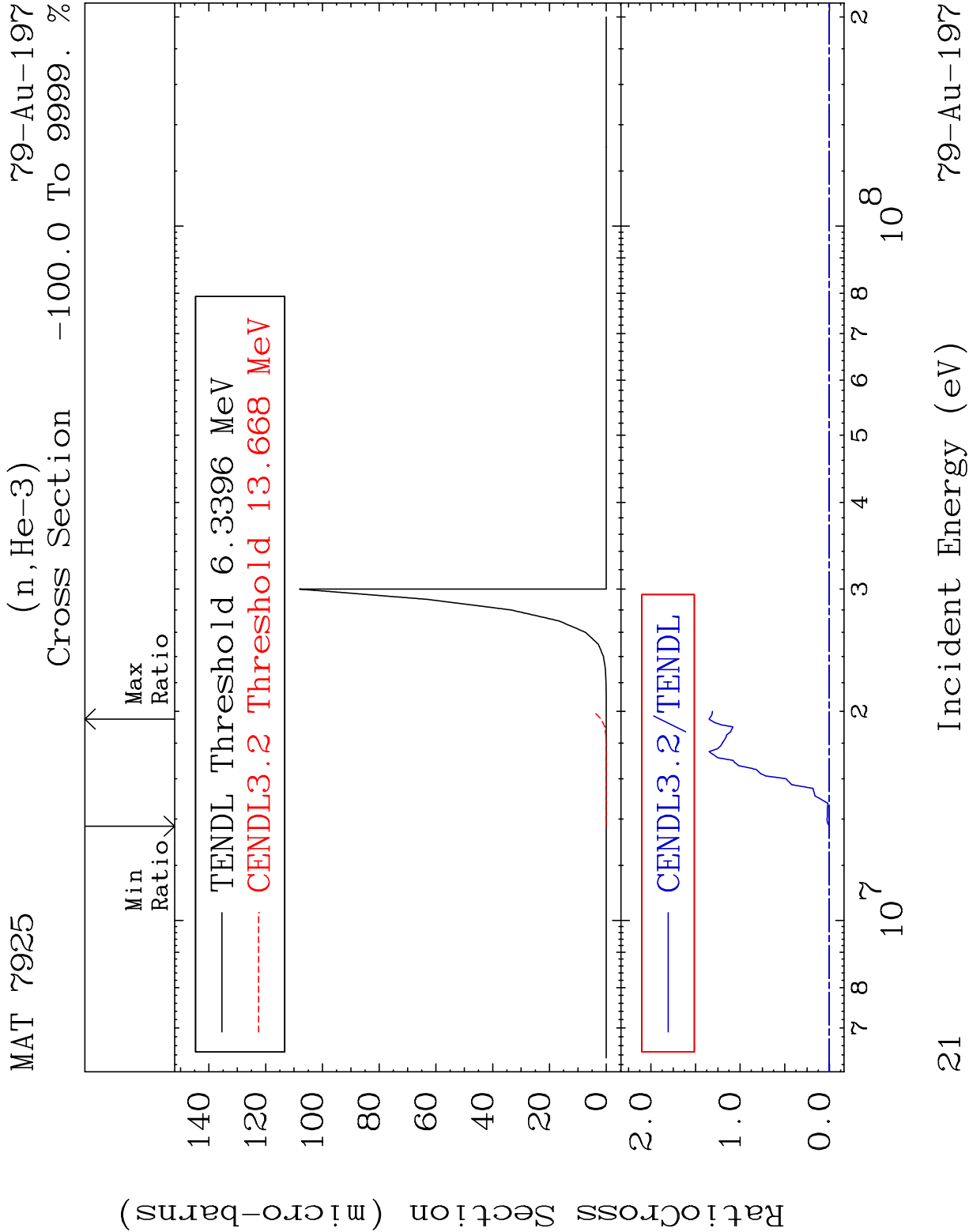


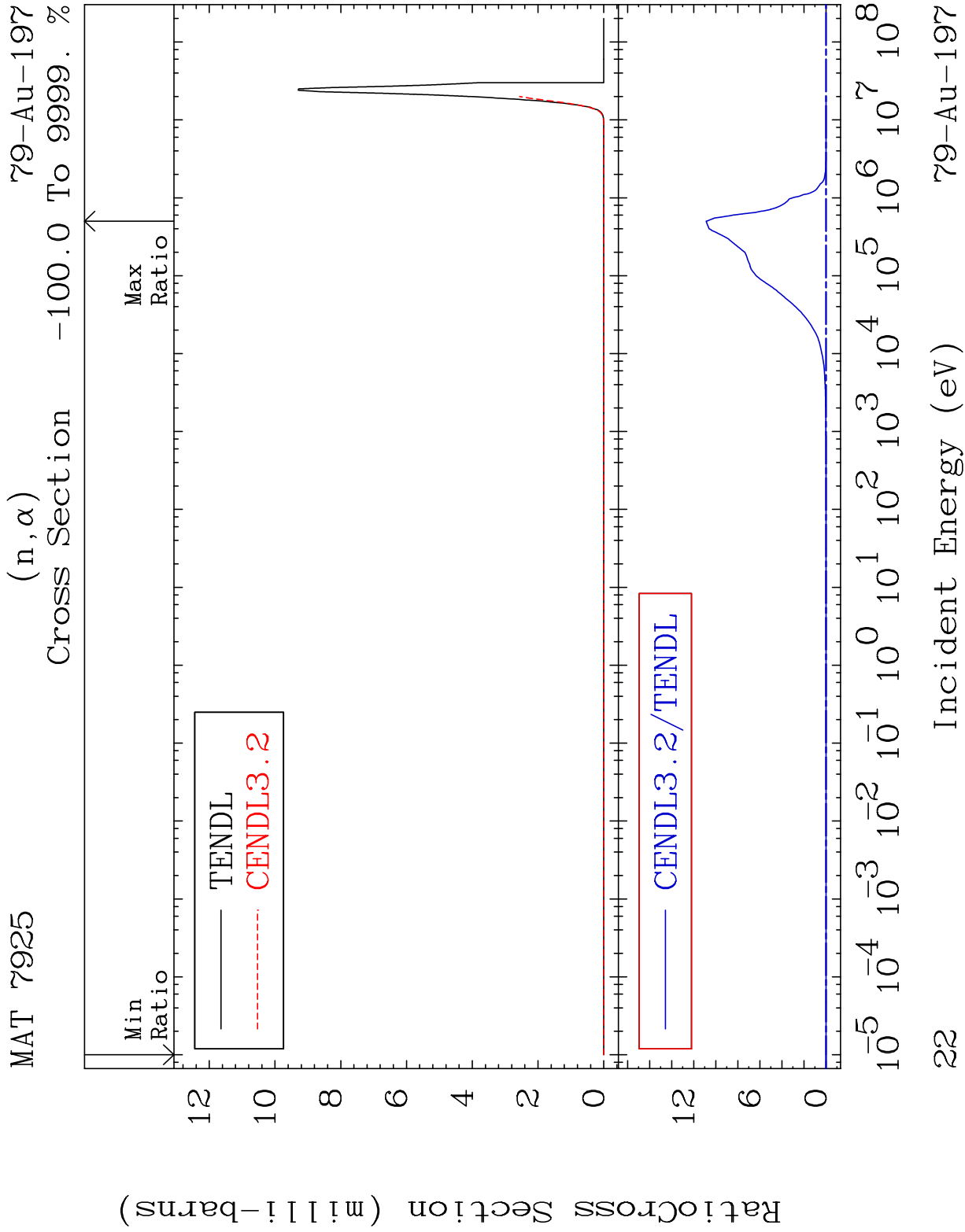


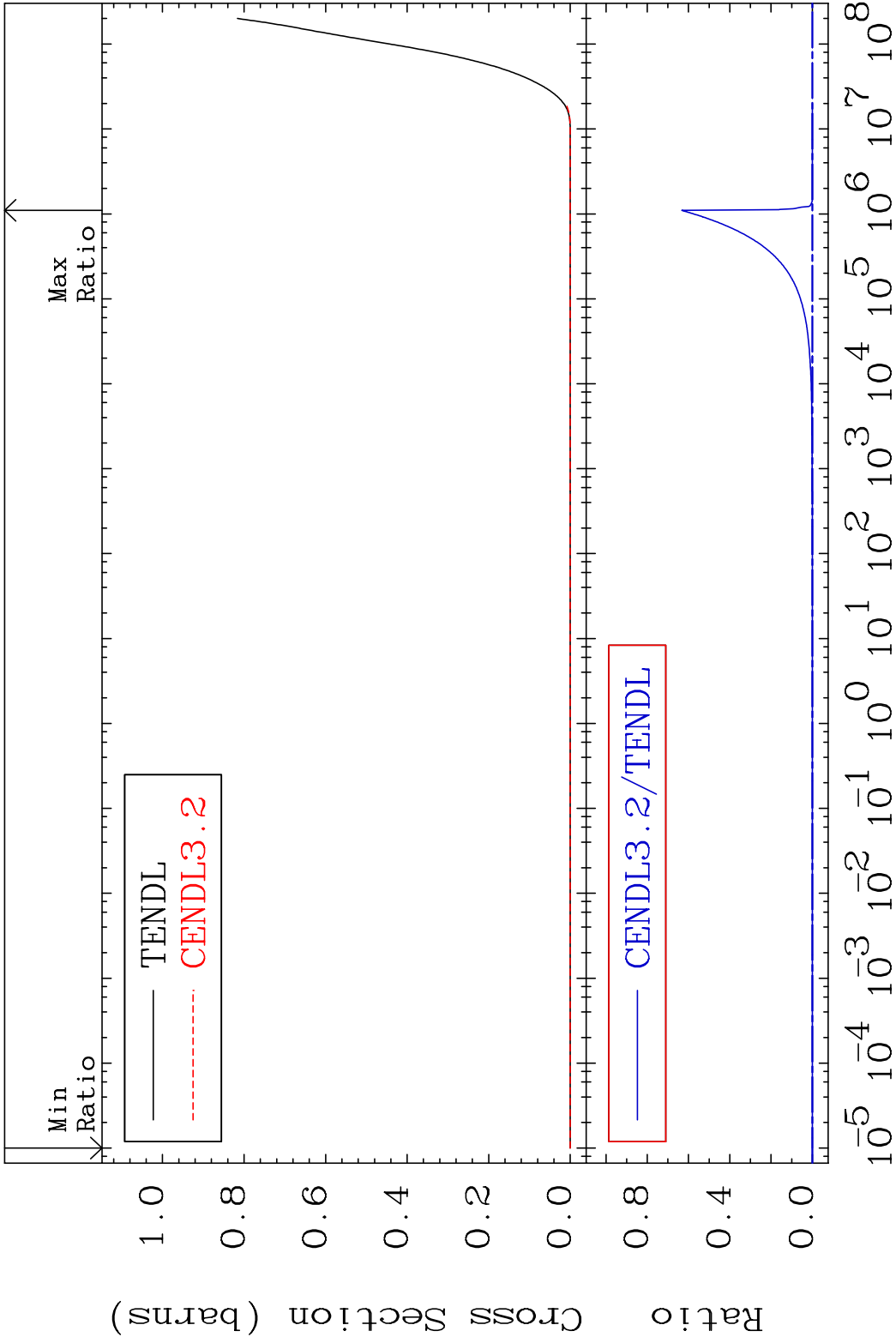


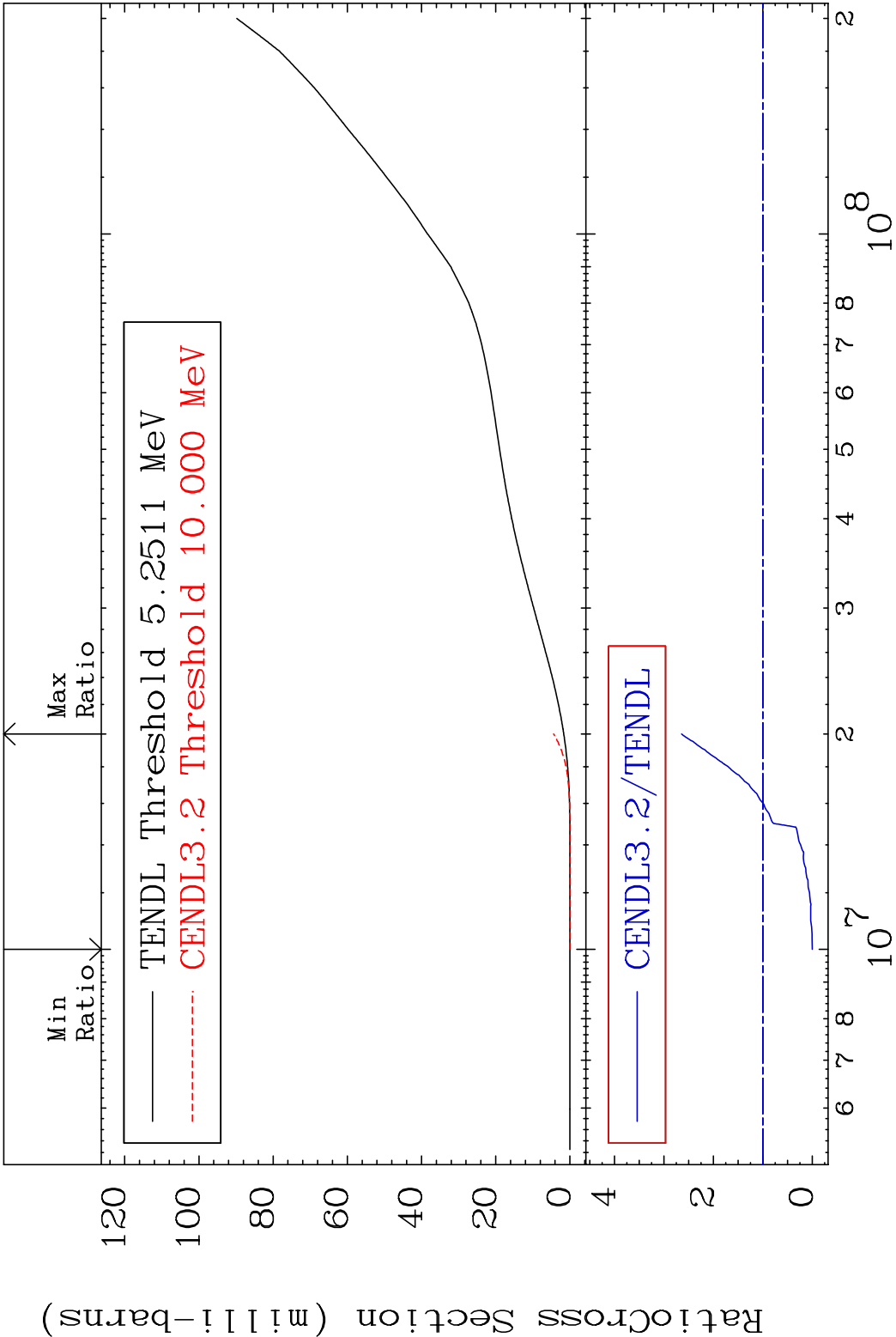


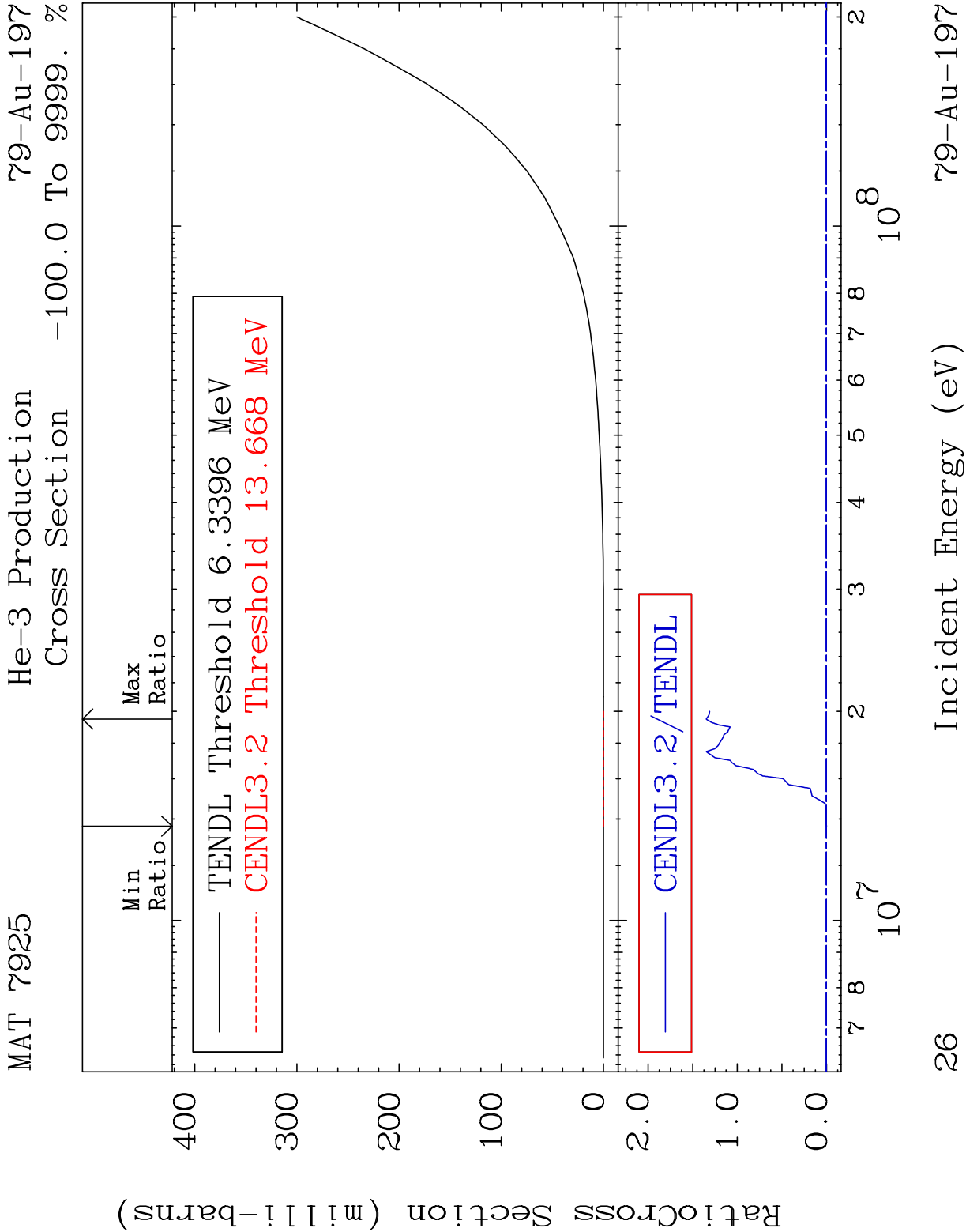


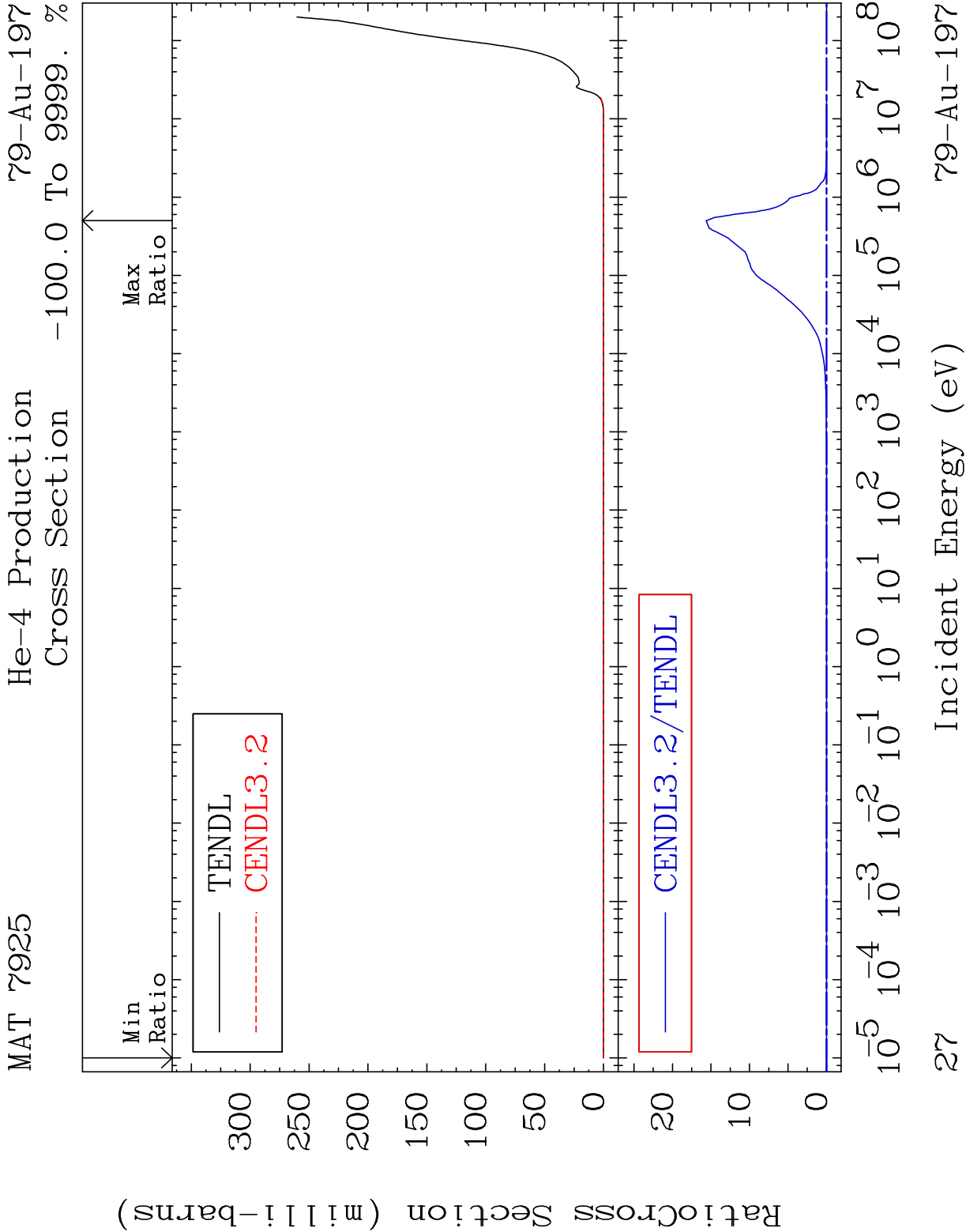


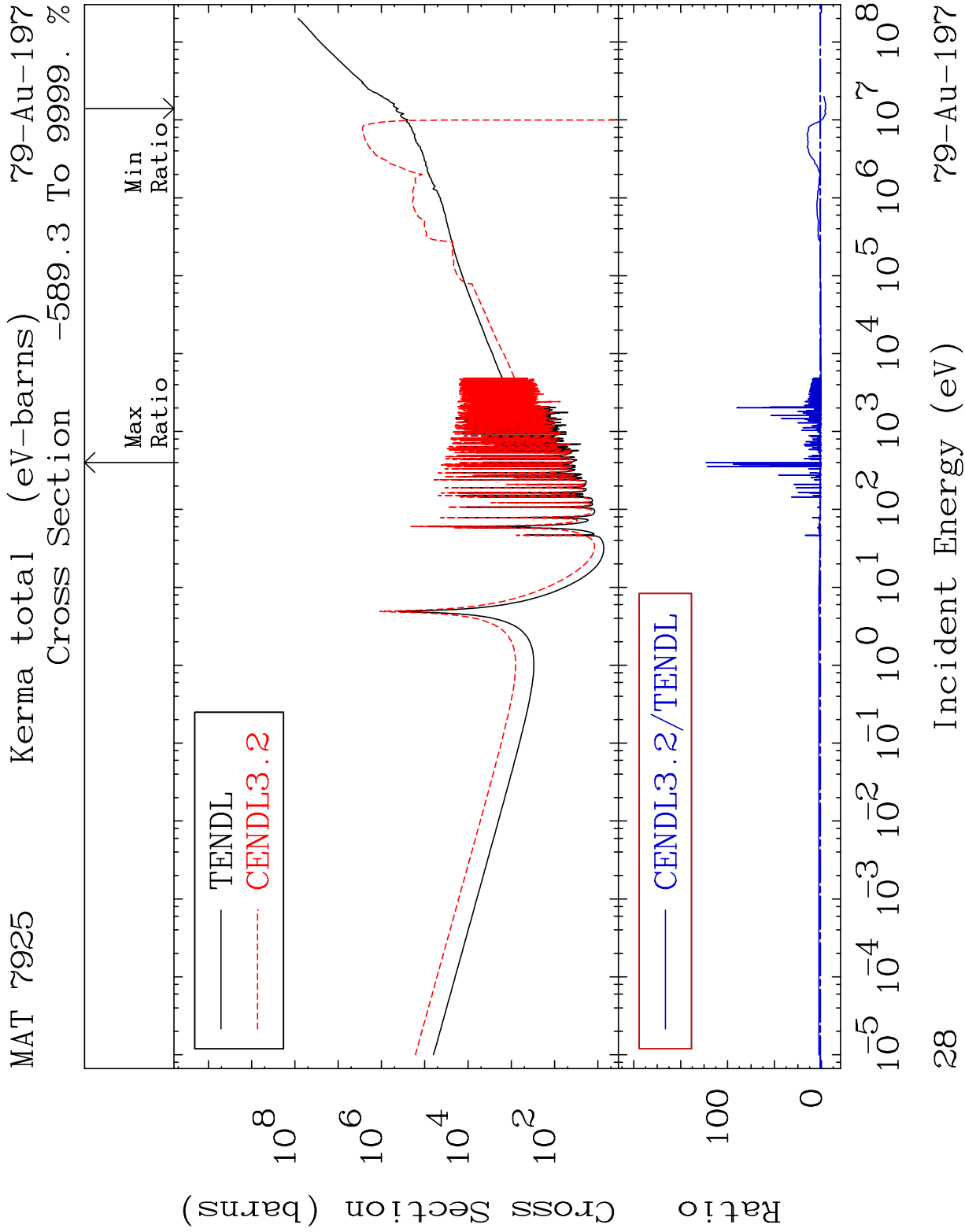


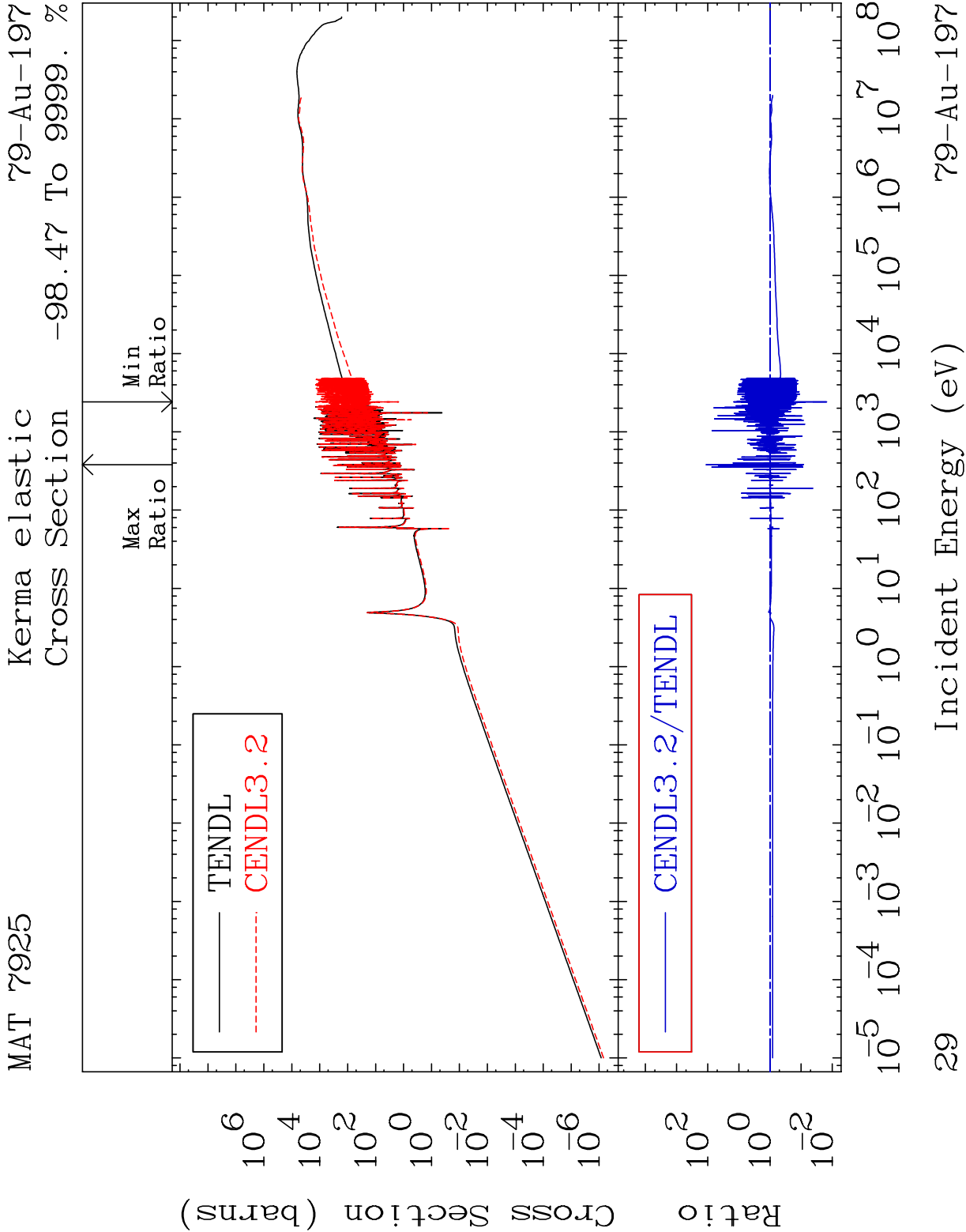




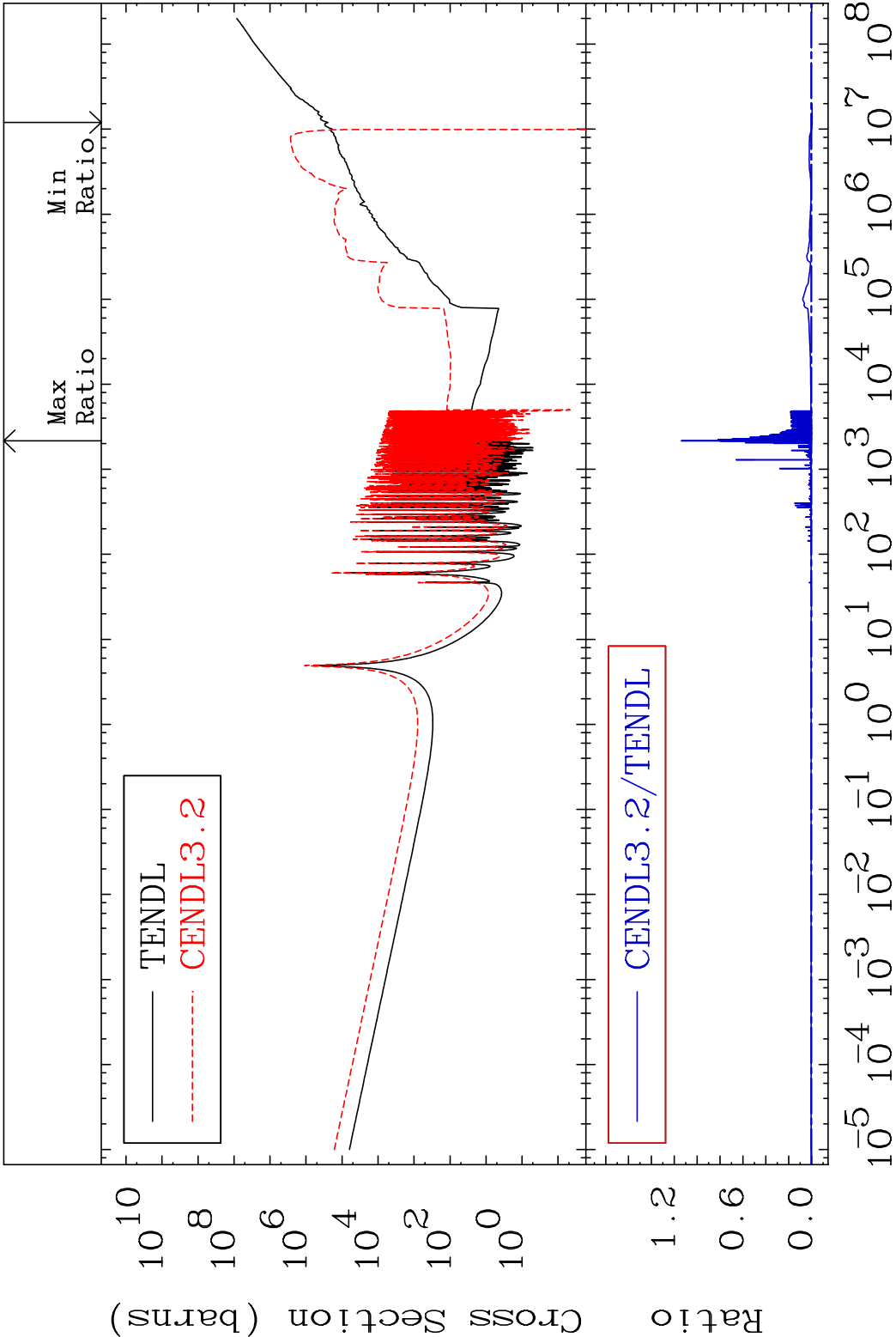






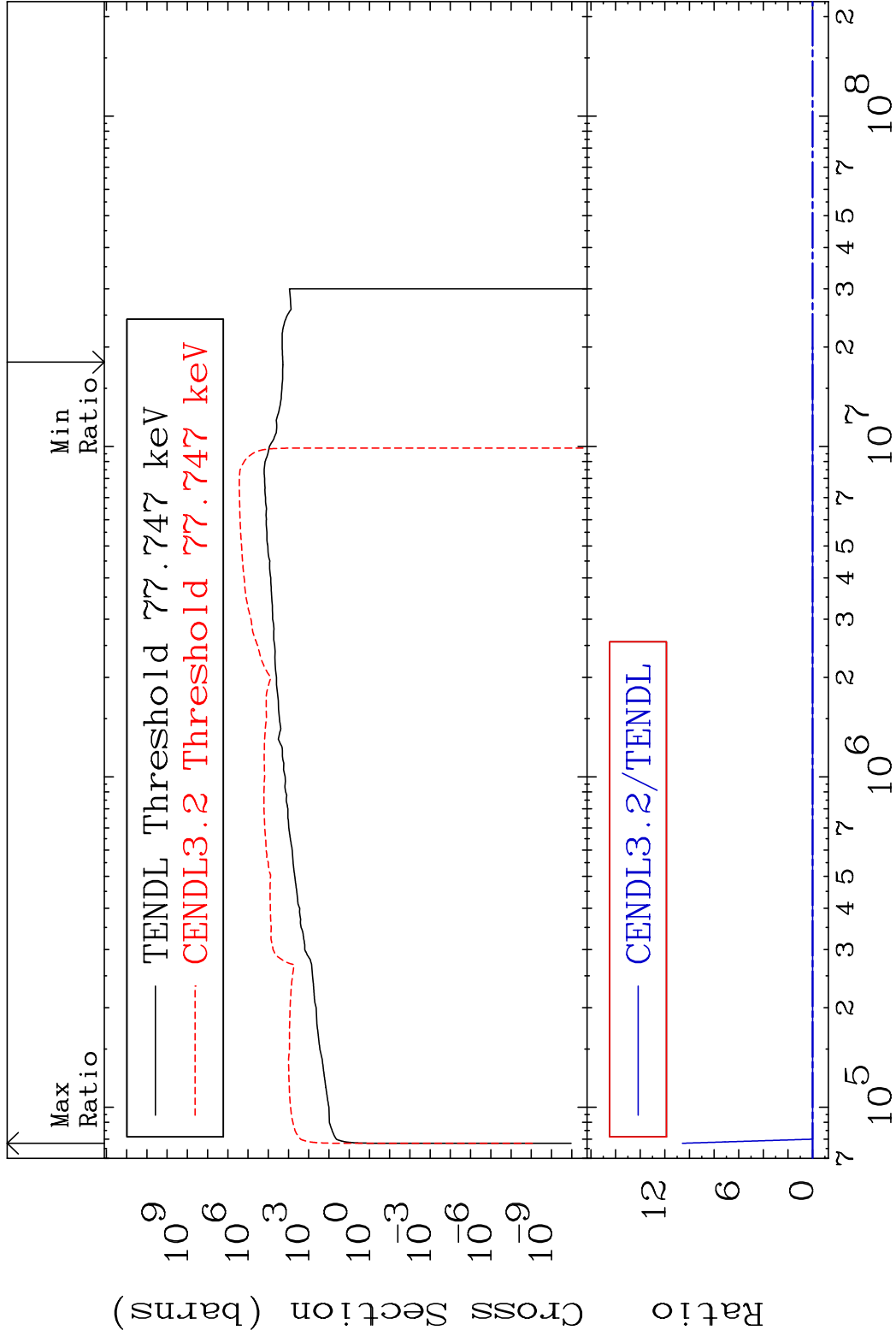


MAT 7925 Kerma non-elastic (all but mt2) 79-Au-197
Cross Section -715.4 To 9999. %

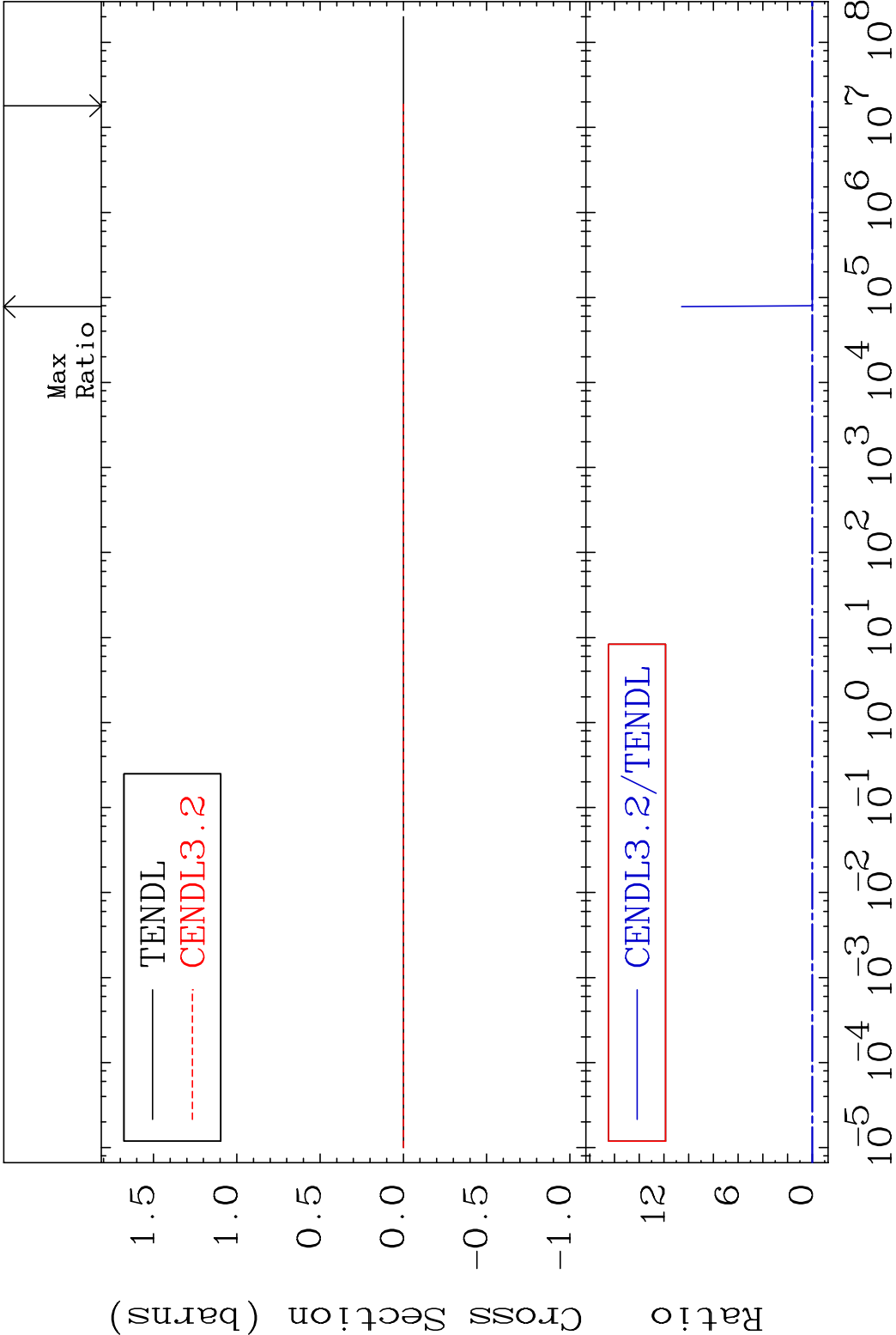


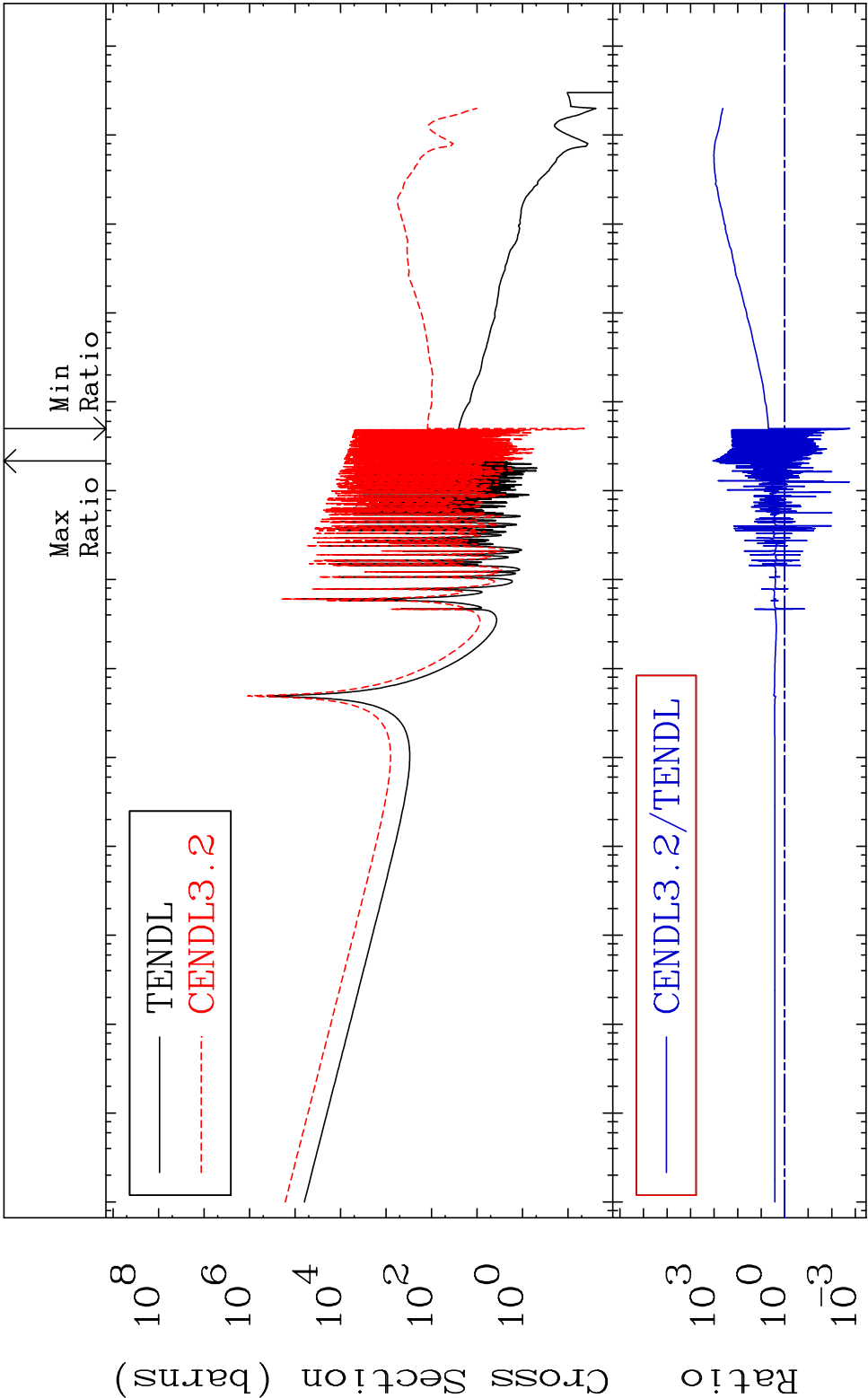
30 Incident Energy (eV) 79-Au-197

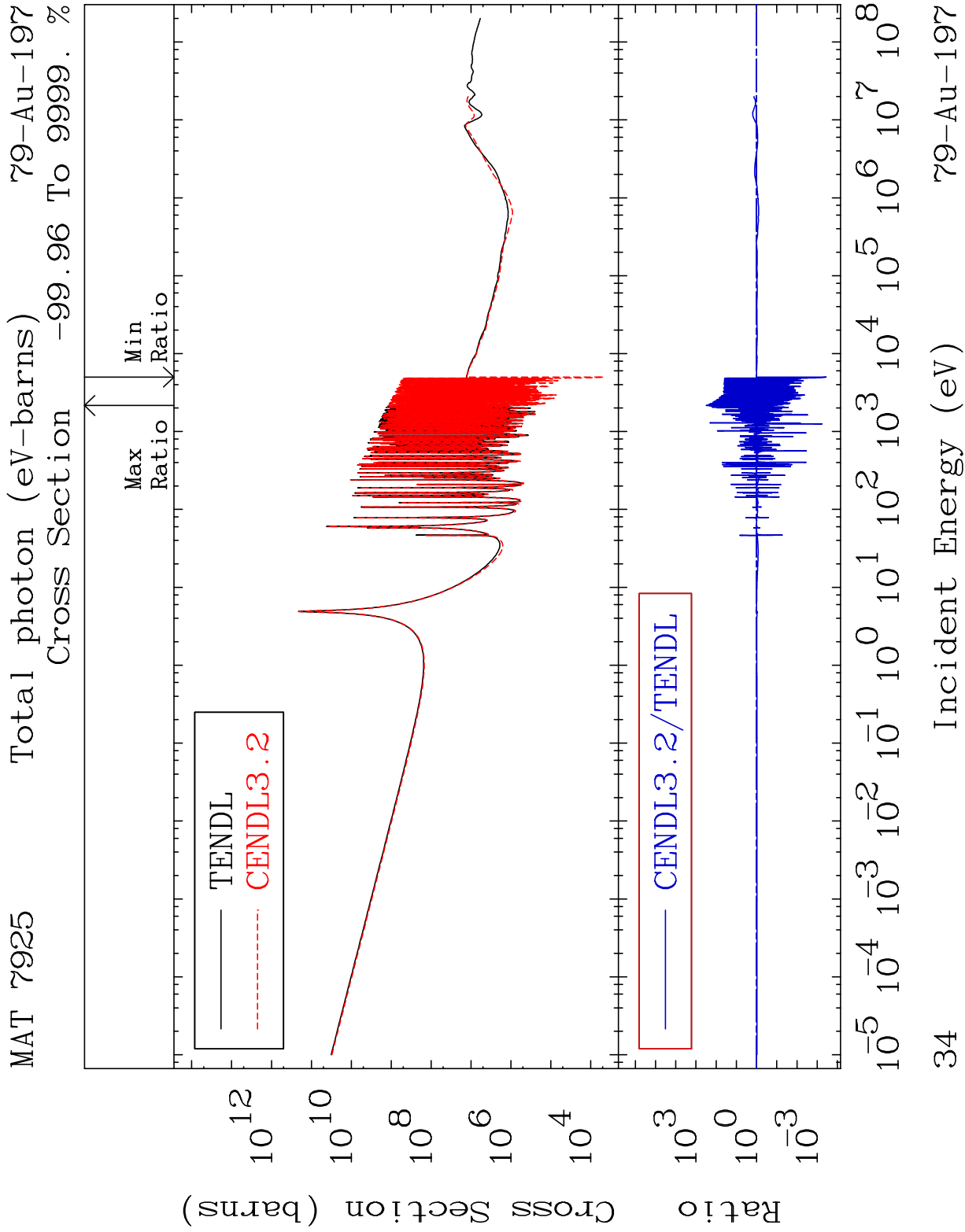
MAT 7925 Kerma inelastic (mt51-91) 79-Au-197
Cross Section -9999. To 9999. %



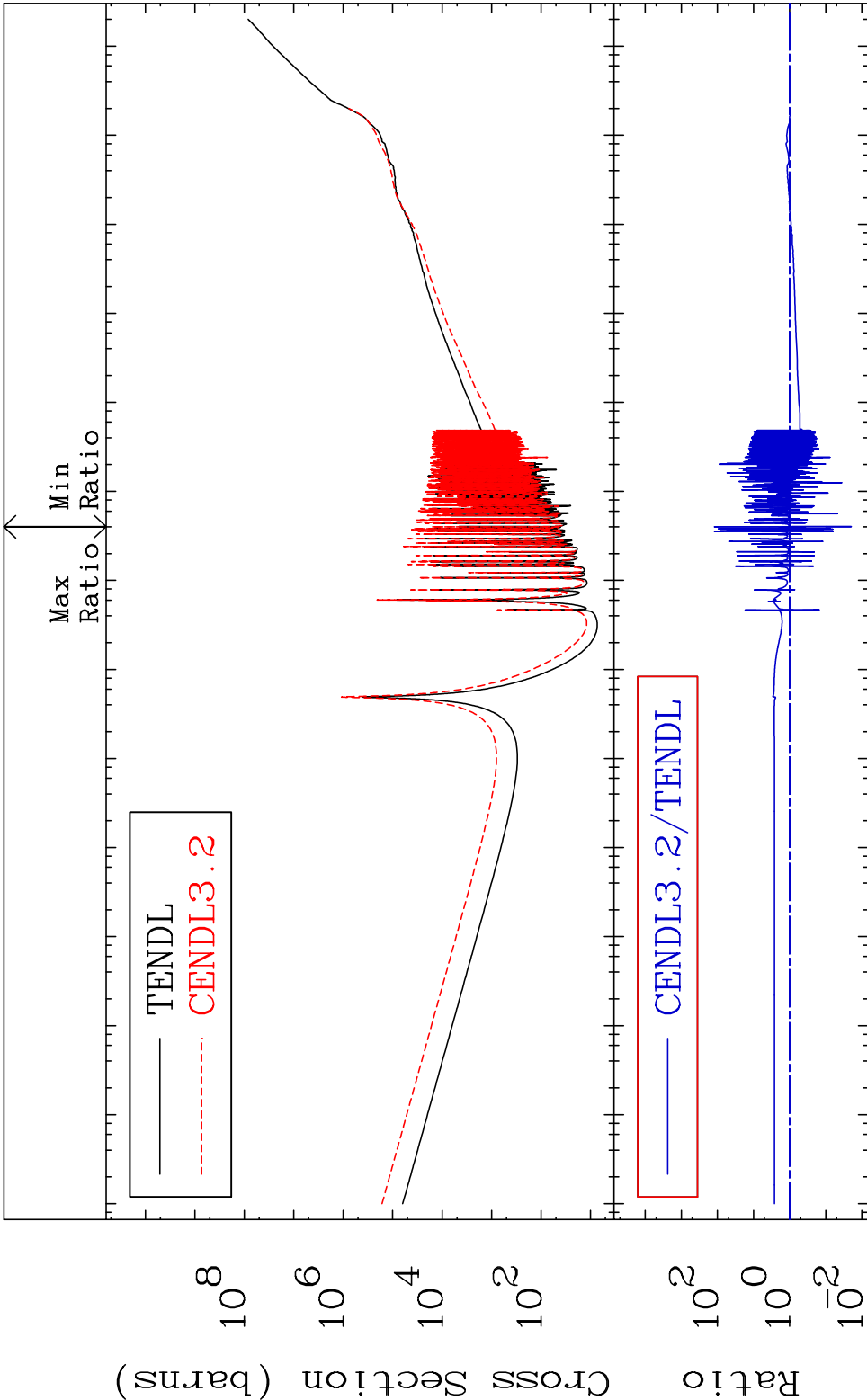
MAT 7925 Kerma fission (mt18 or mt19-20-21-38)79-Au-197
Cross Section -9999. To 9999. %

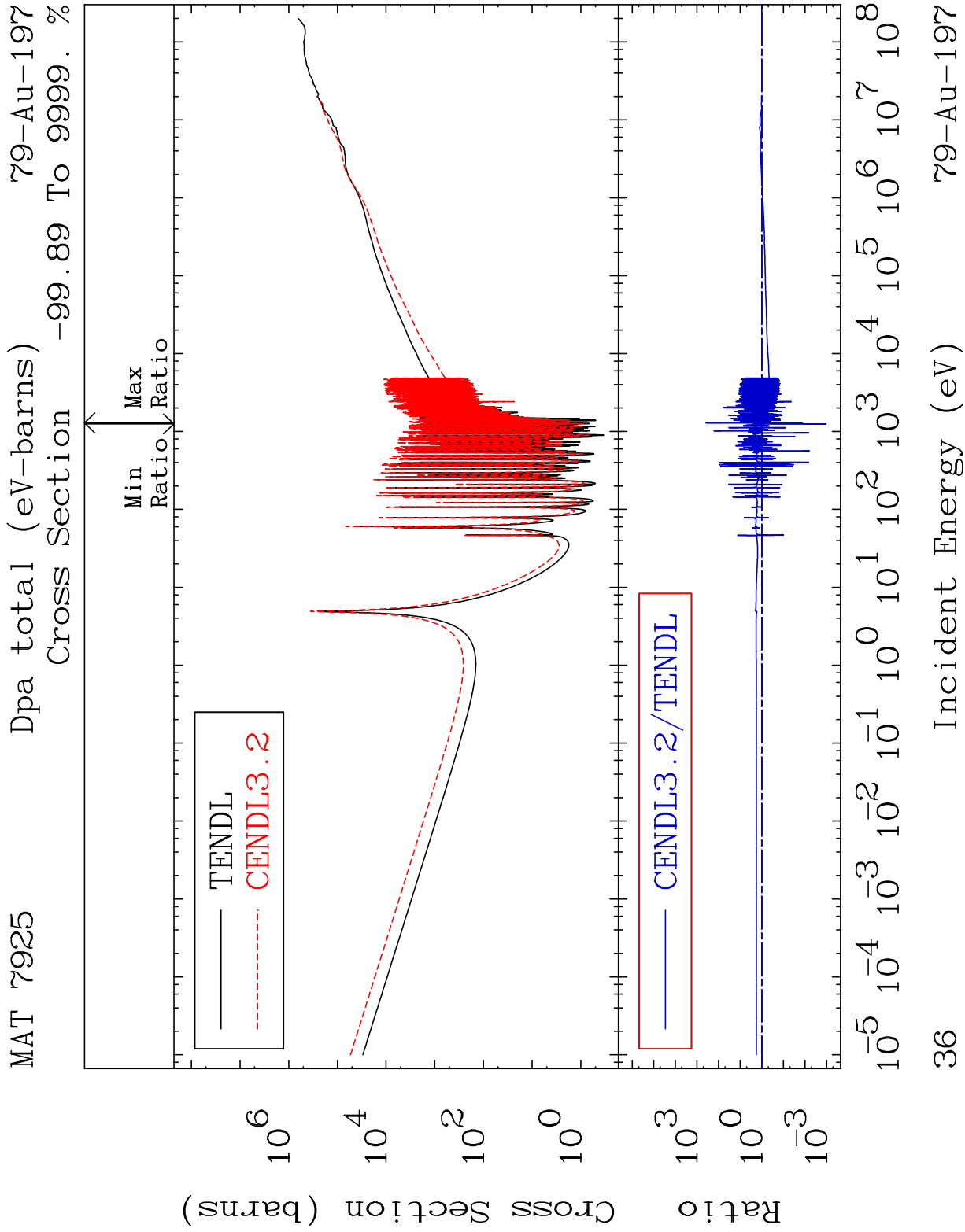




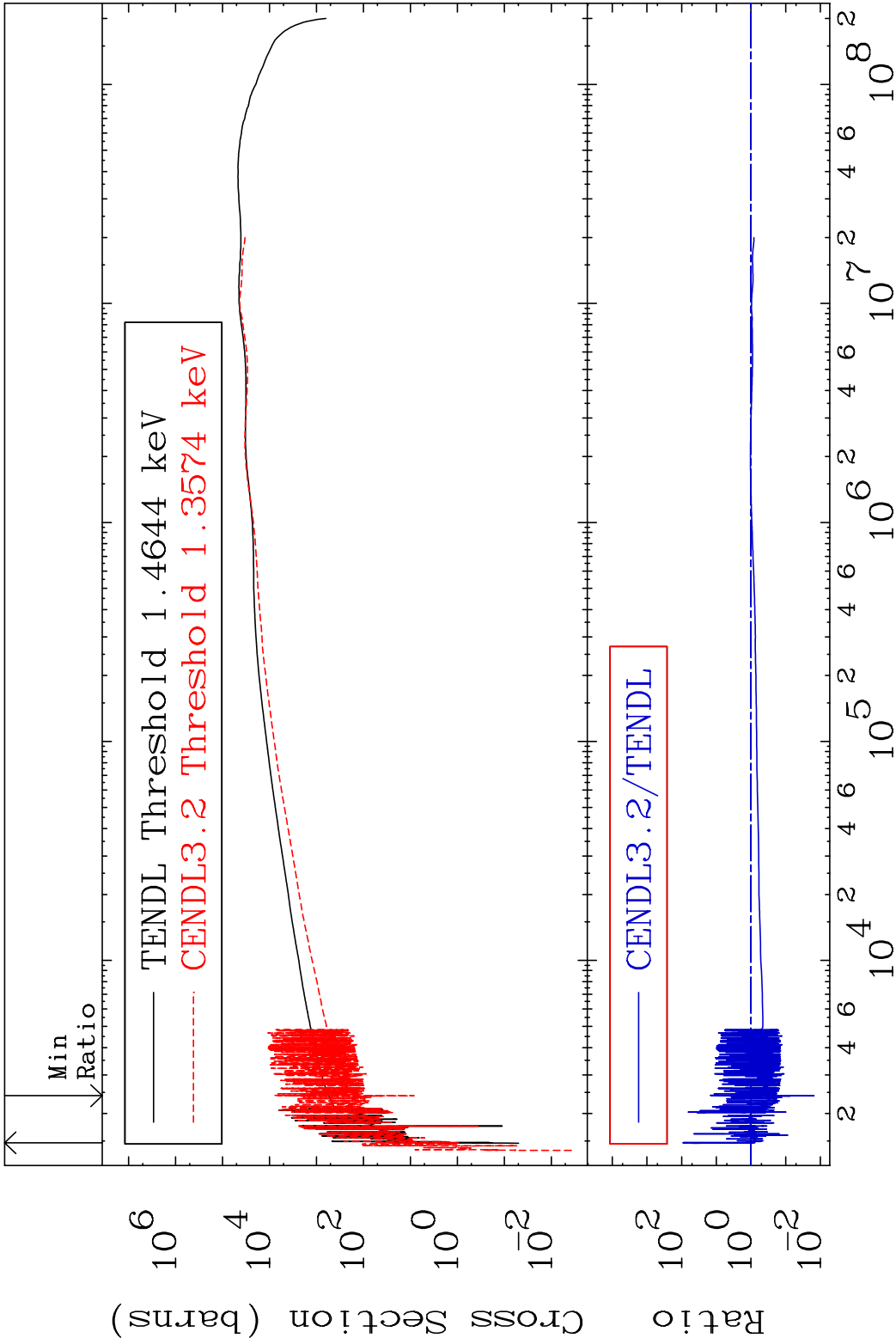


MAT 7925 Total kinematic kerma (high limit) 79-Au-197
 Cross Section -98.02 To 9999. %

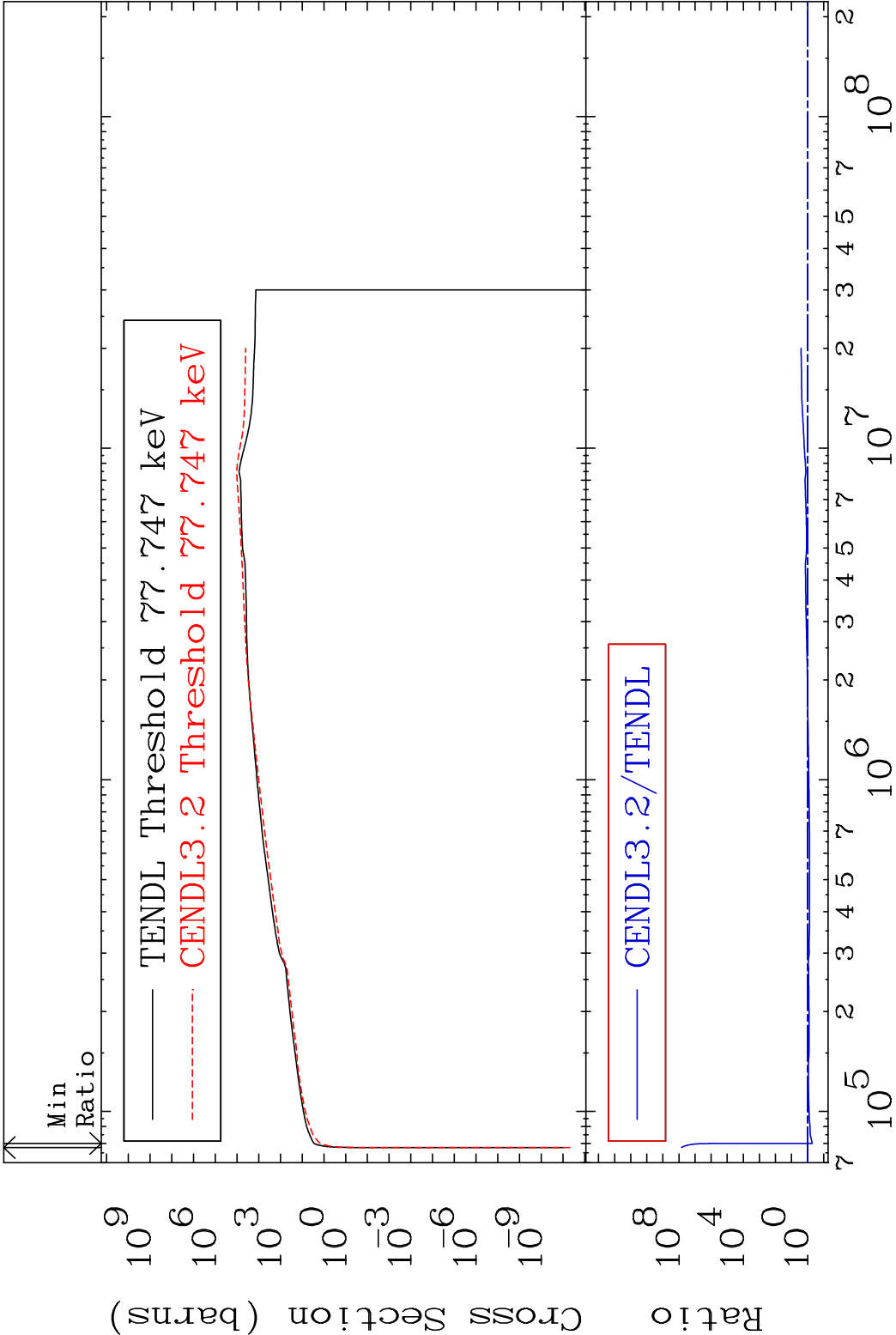




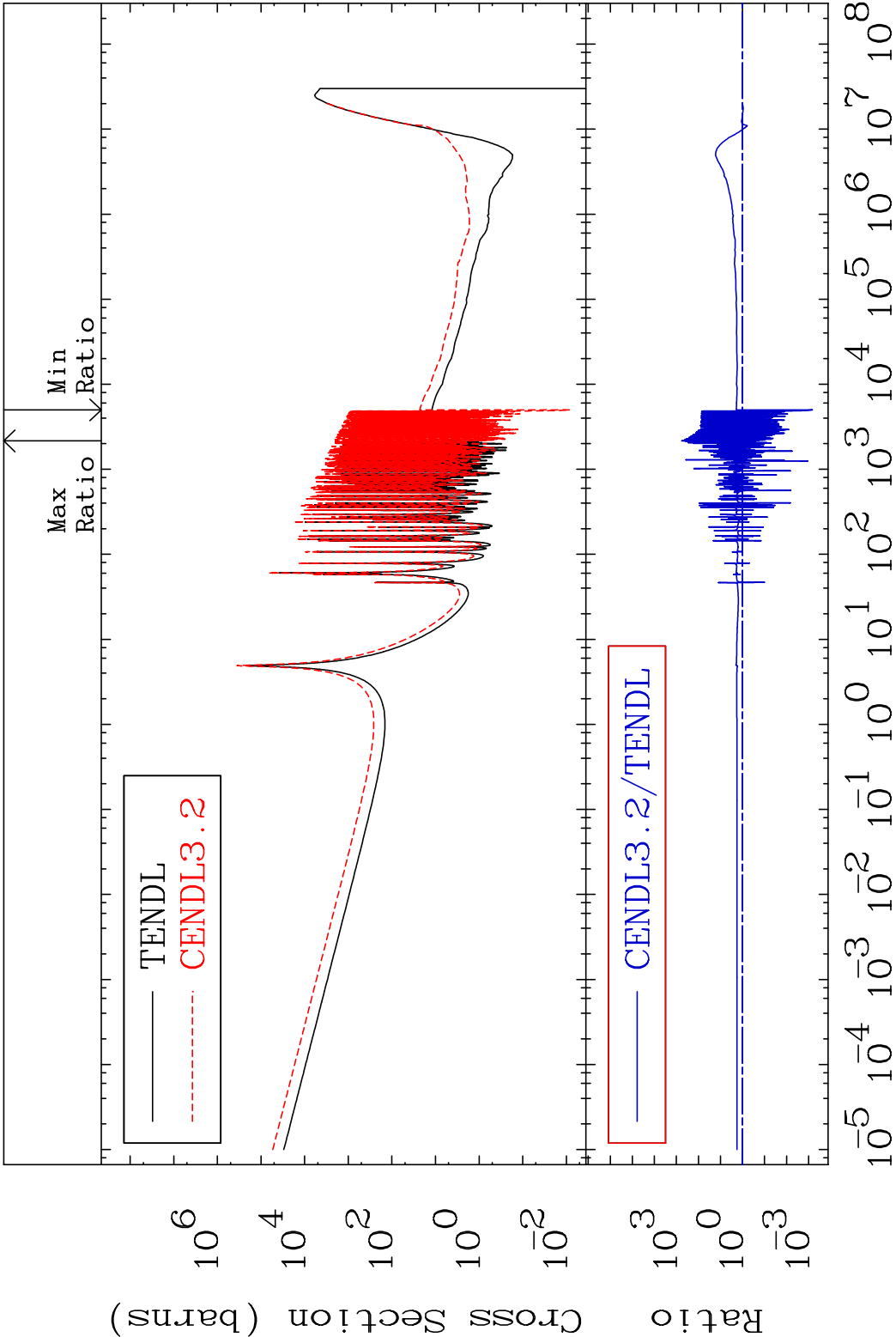
MAT 7925 Dpa elastic (mt2) 79-Au-197
Cross Section -98.46 To 8994. %

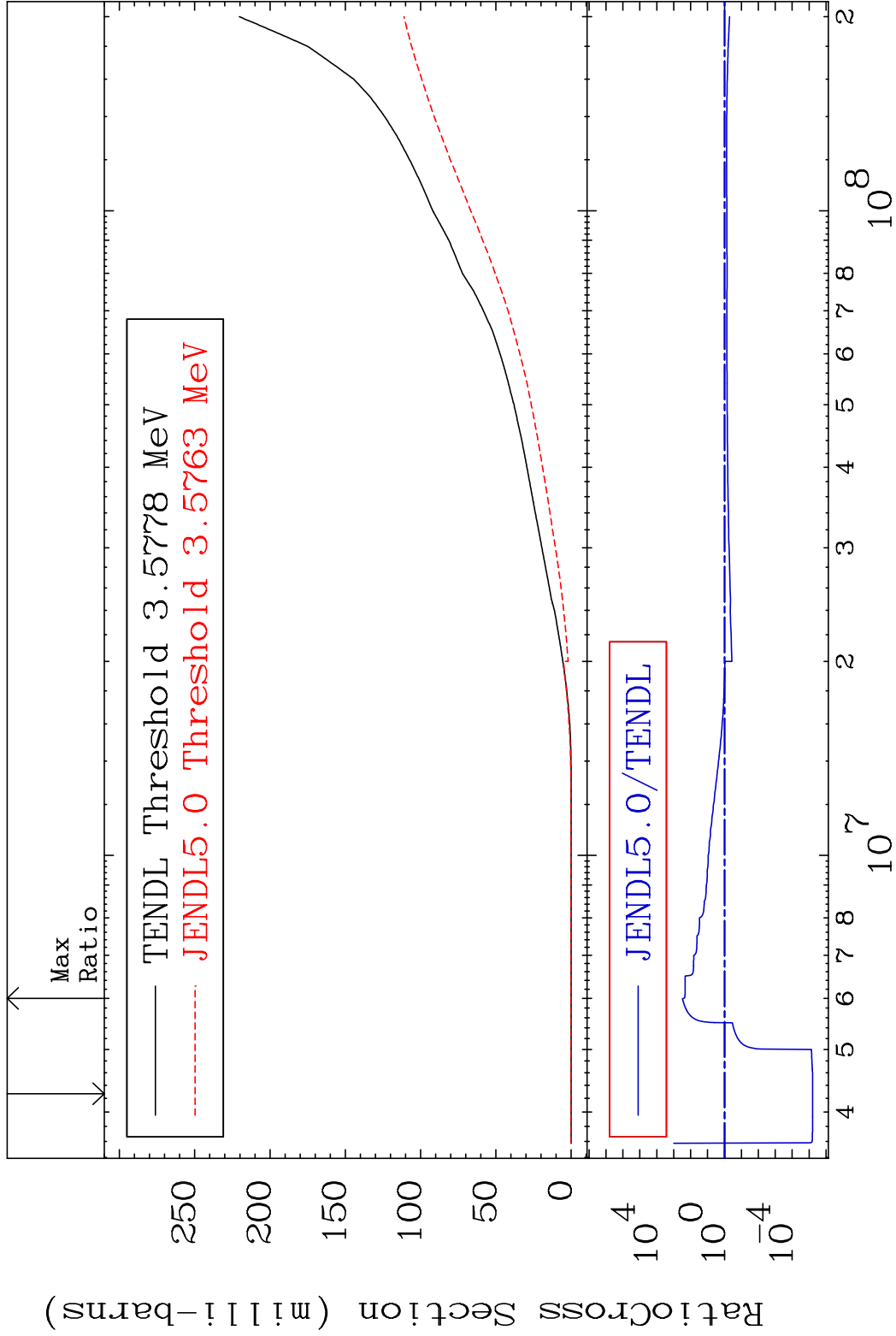


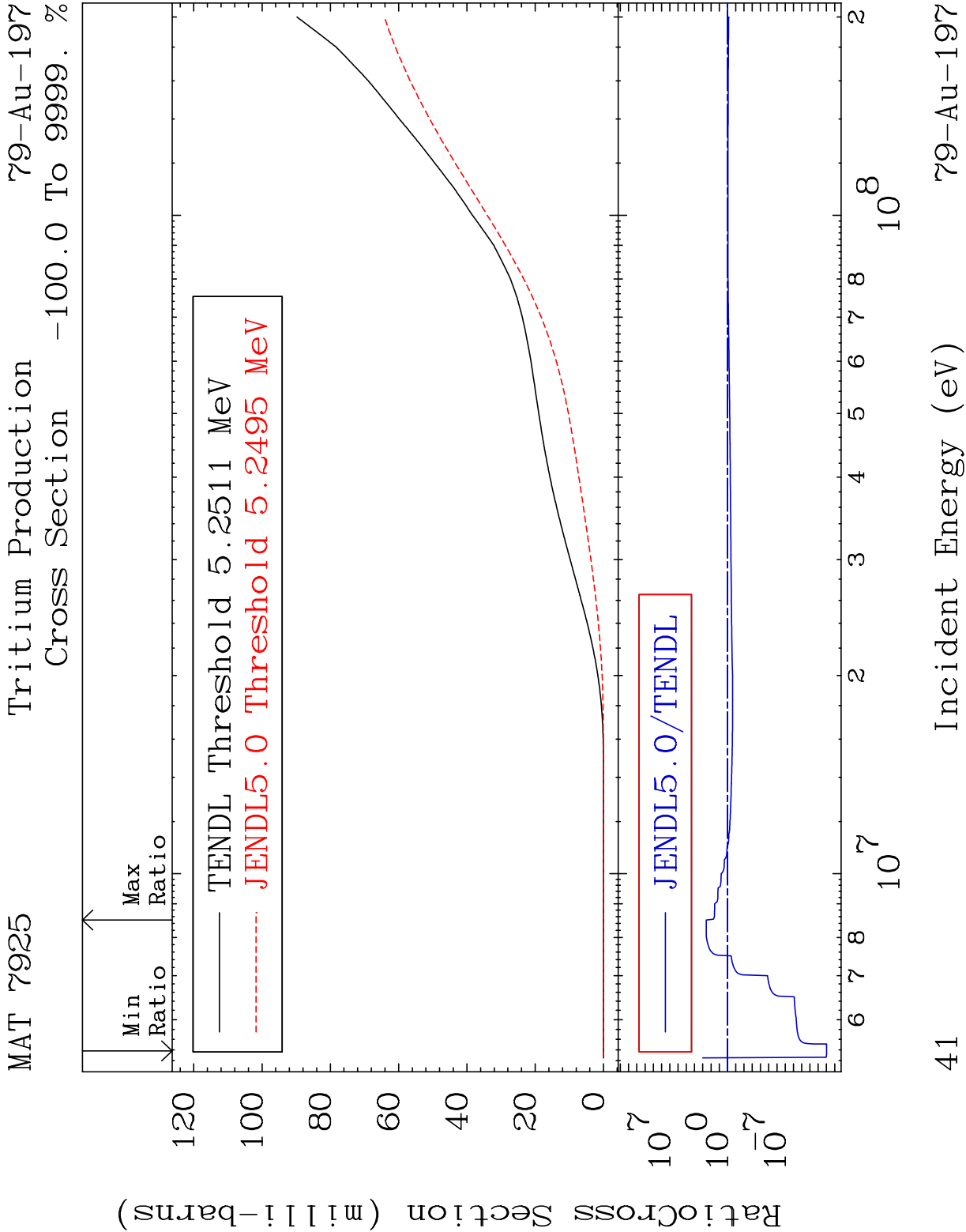
MAT 7925 Dpa inelastic (mt51-91) 79-Au-197
Cross Section -48.53 To 9999. %

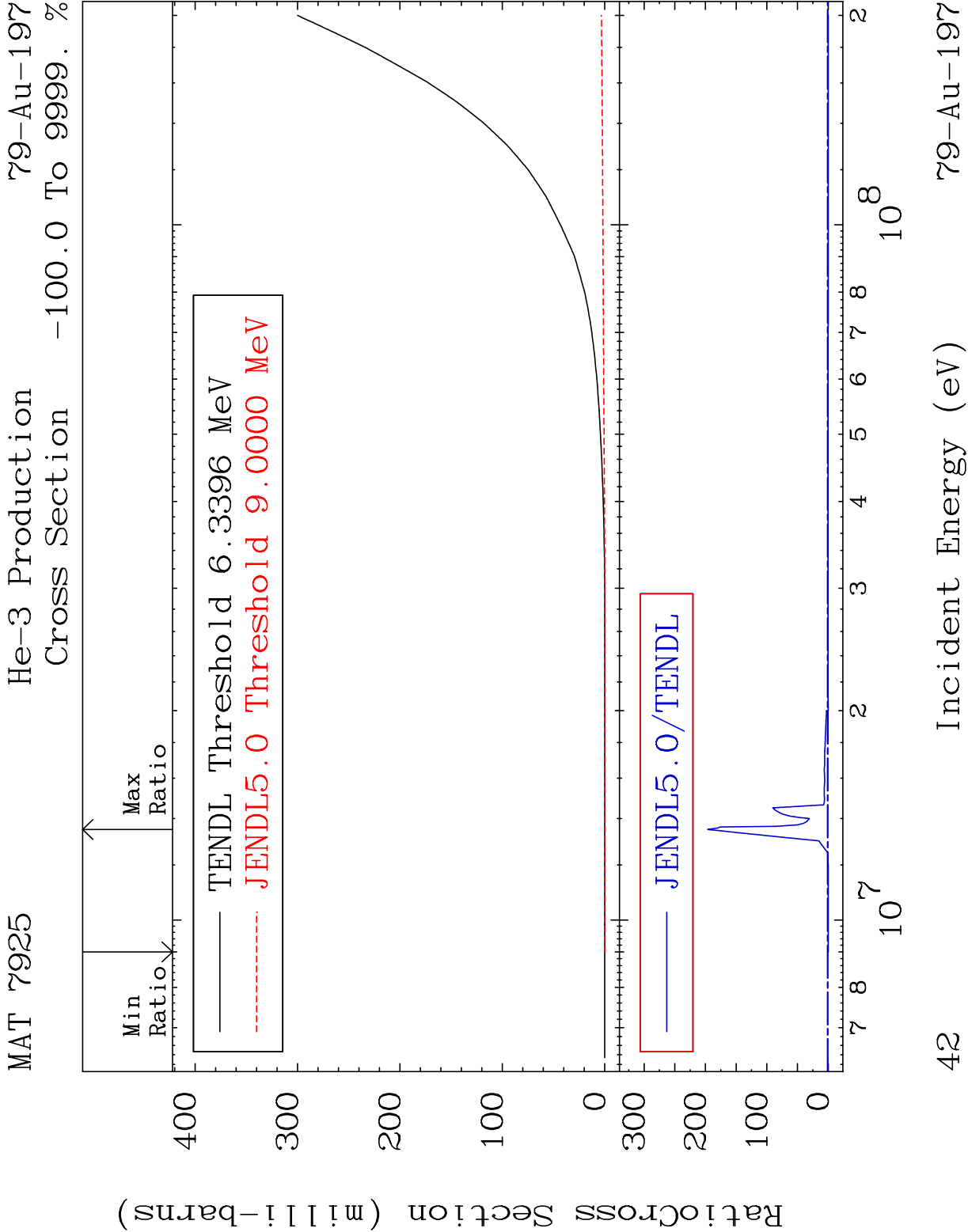


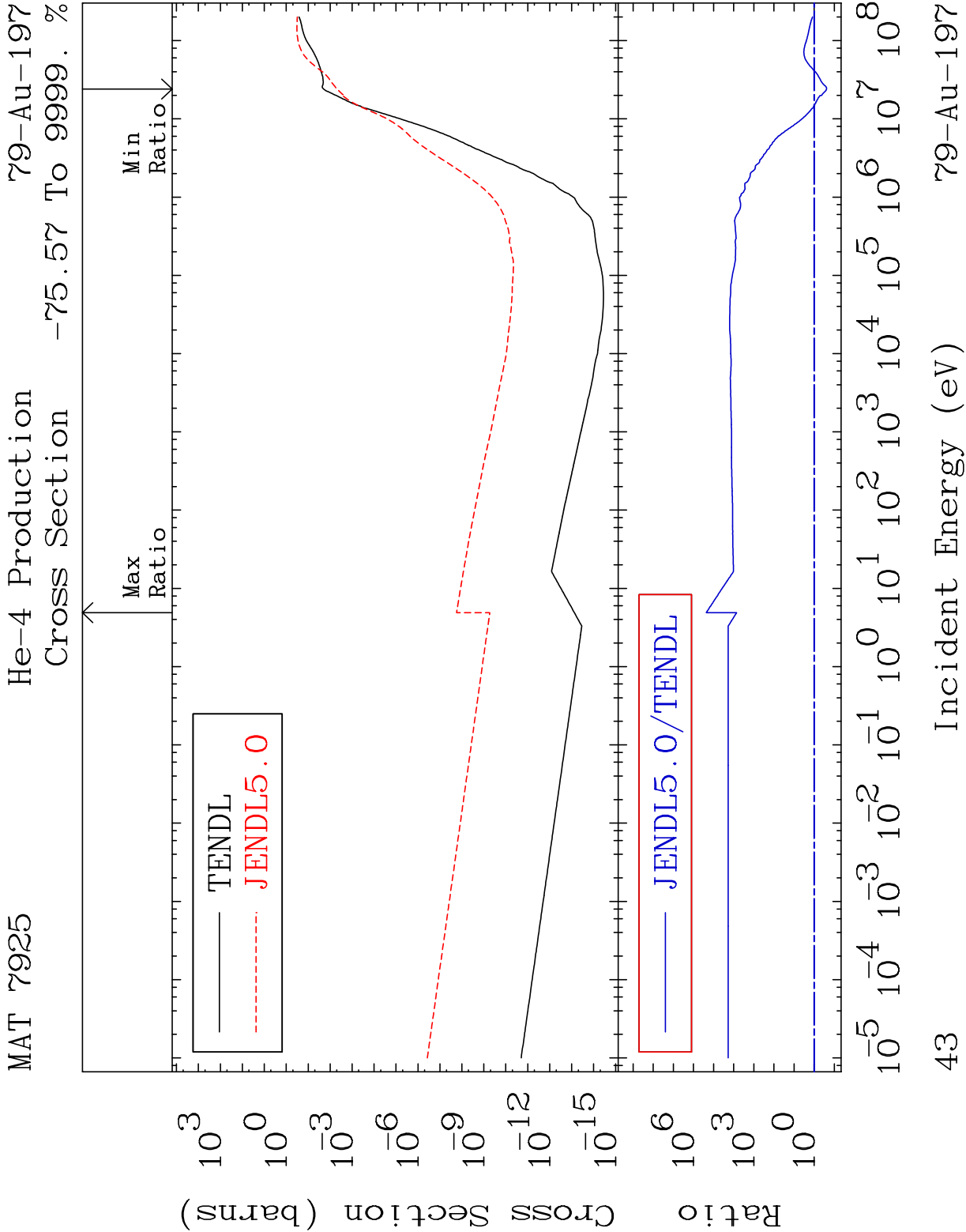
38 Incident Energy (eV) 79-Au-197

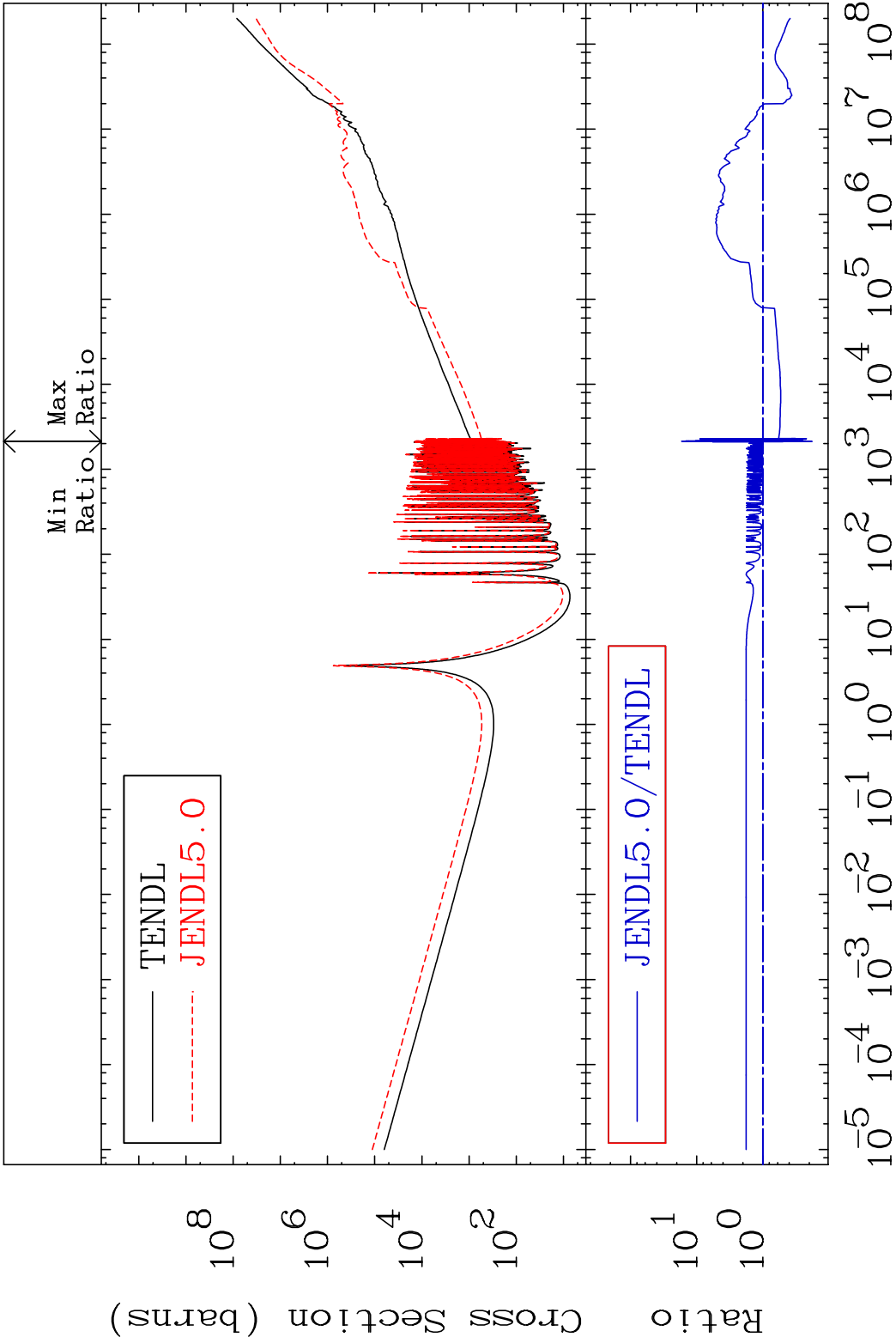


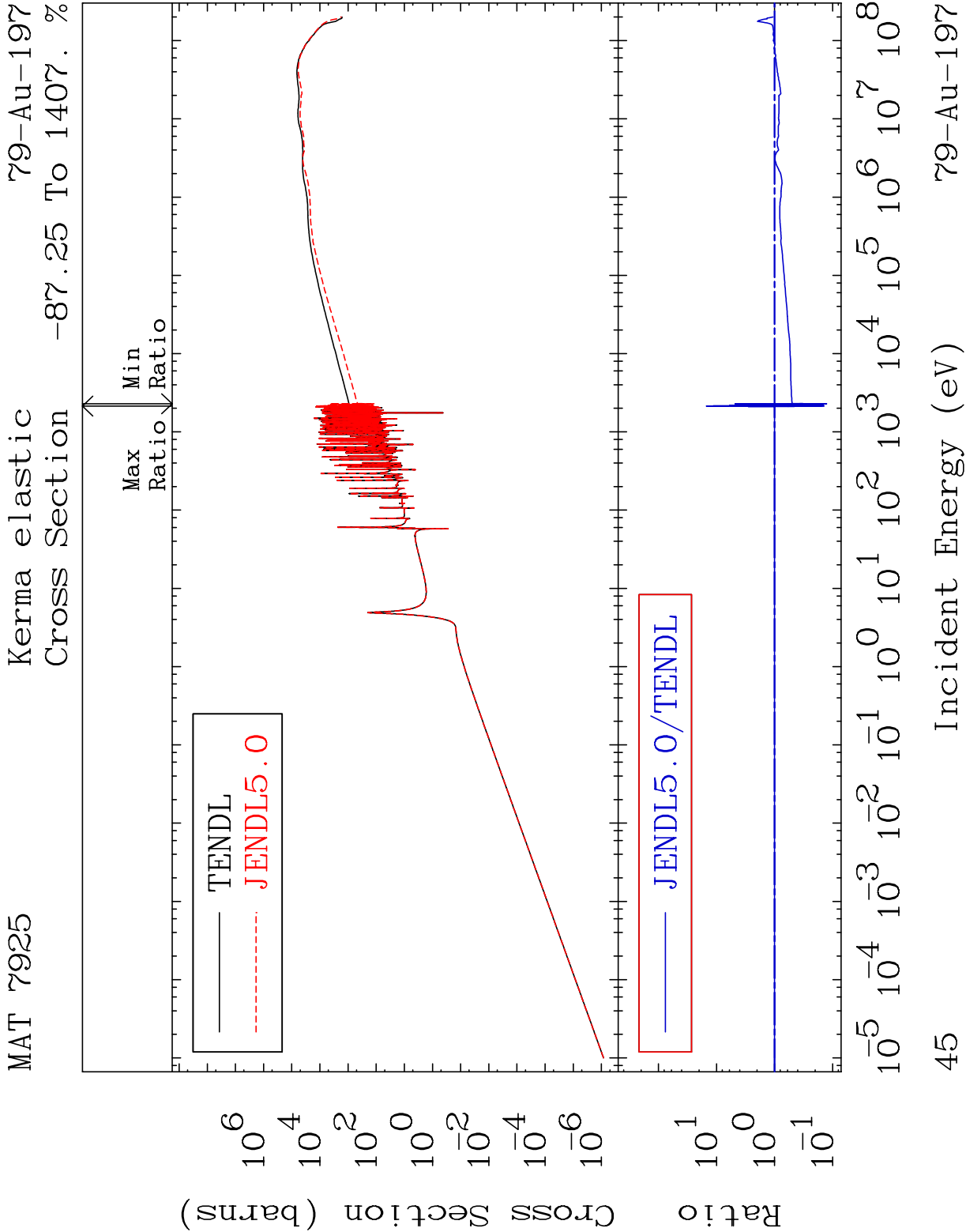




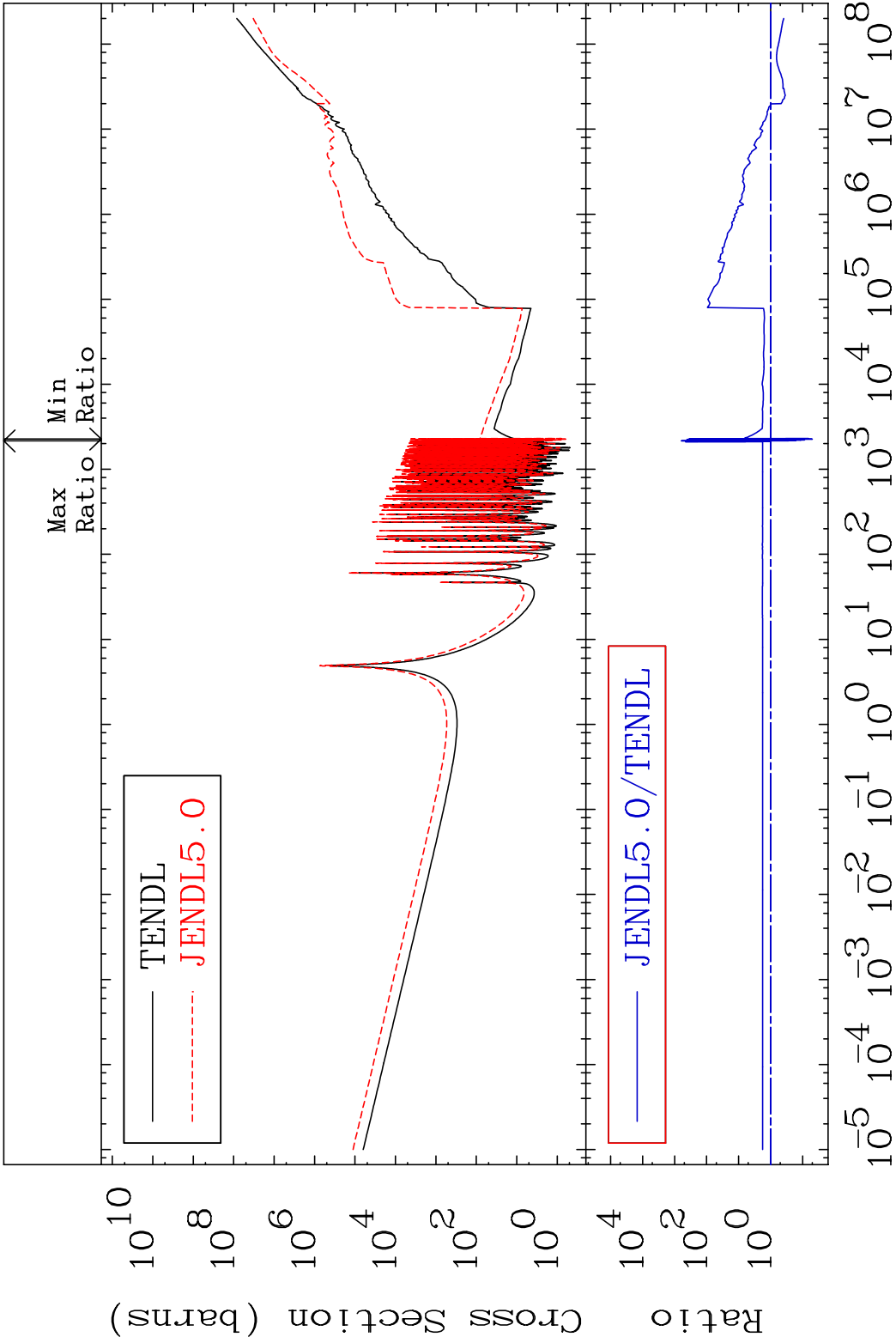




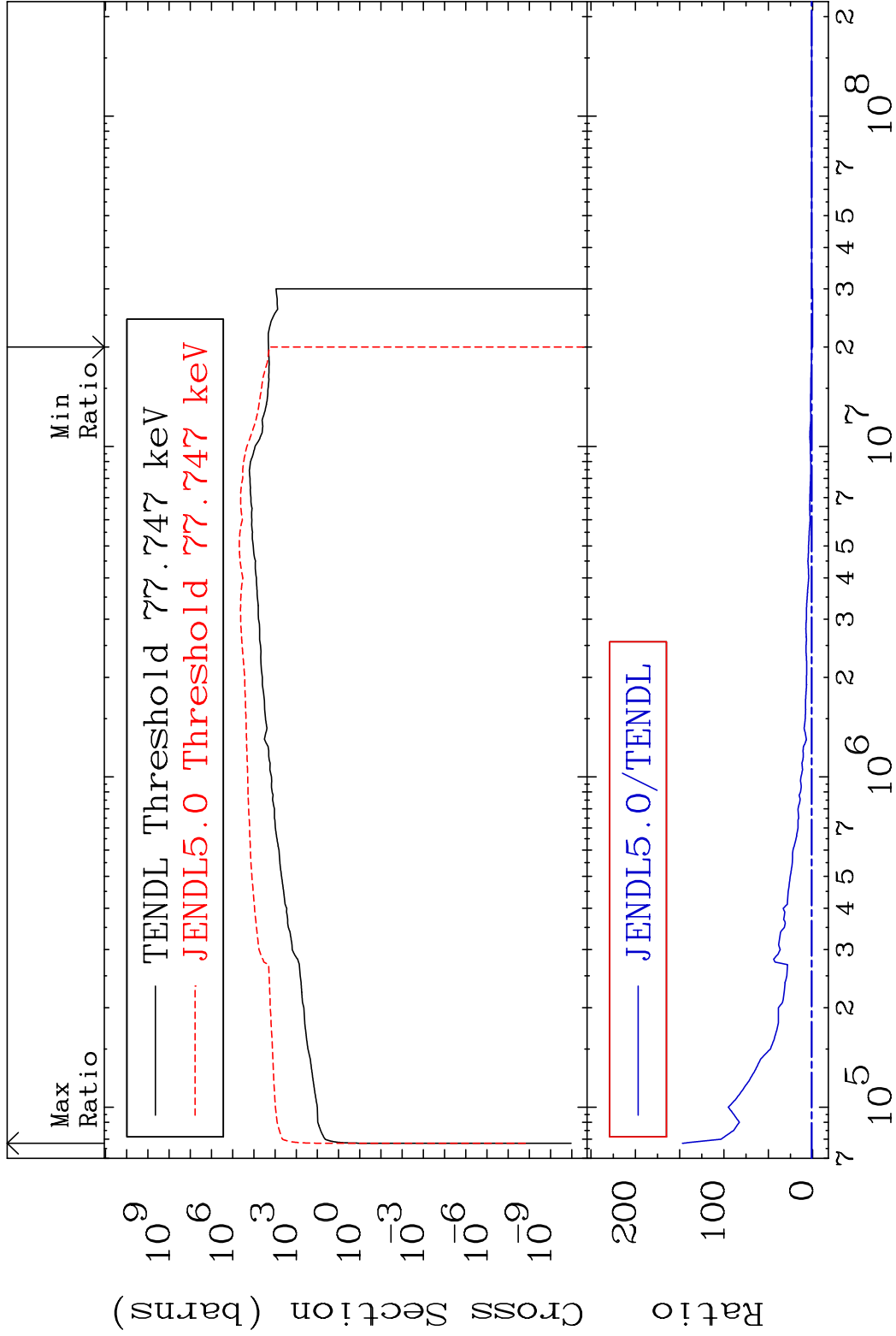




MAT 7925 Kerma non-elastic (all but mt2) 79-Au-197
Cross Section -94.97 To 9999. %



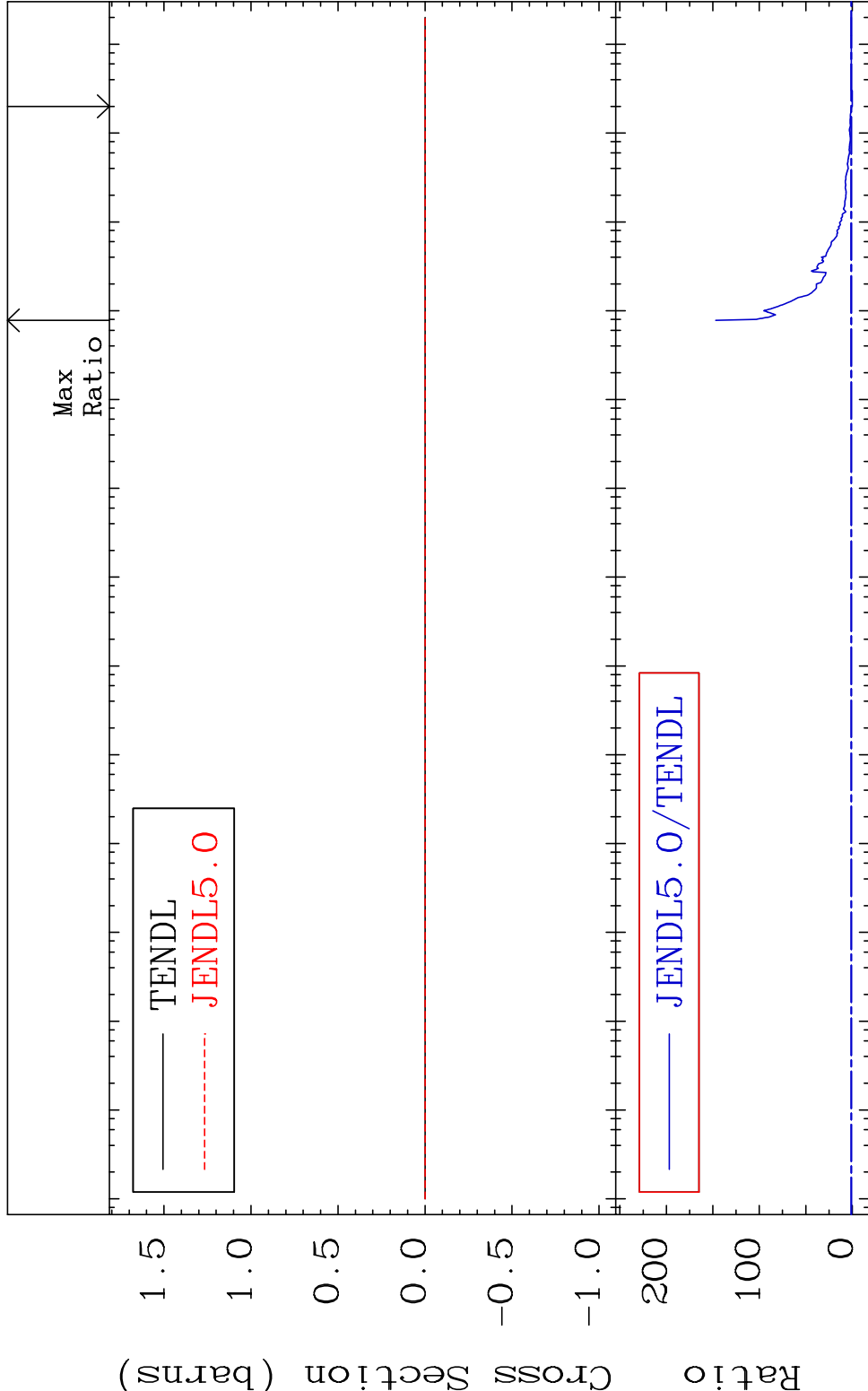
MAT 7925 Kerma inelastic (mt51-91) 79-Au-197
Cross Section -100.0 To 9999. %

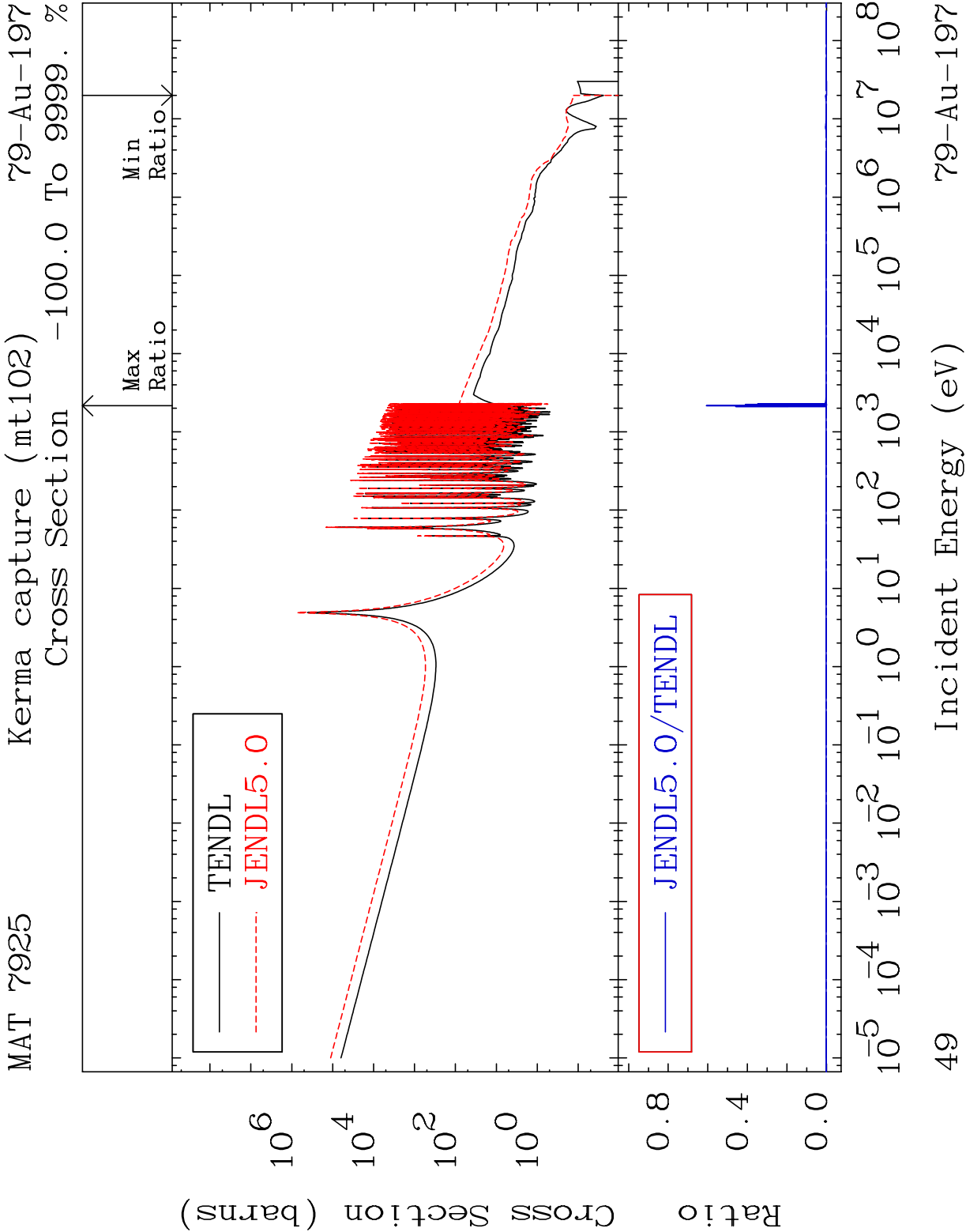


47 Incident Energy (eV) 79-Au-197

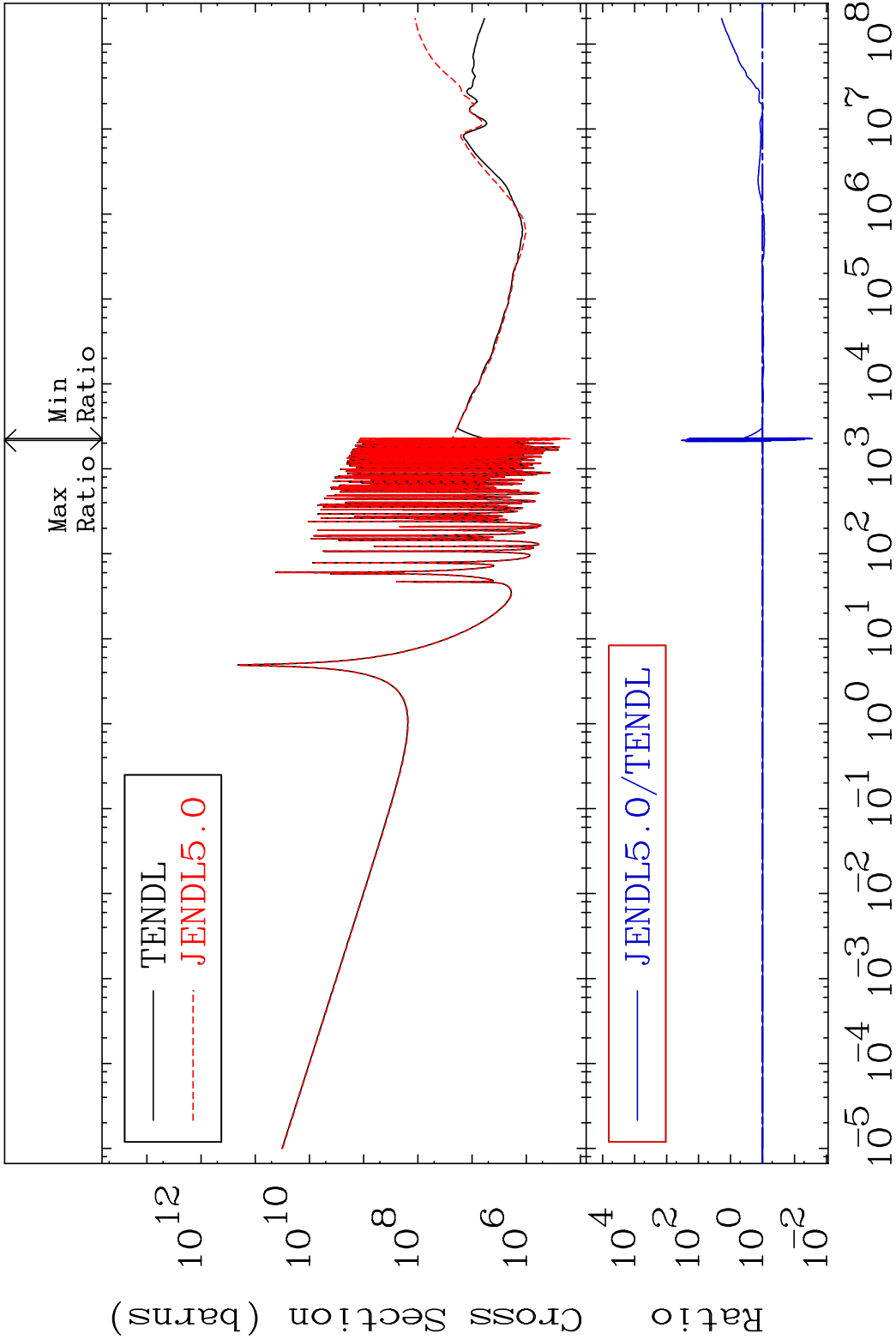
MAT 7925 Kerma fission (mt18 or mt19-20-21-38)79-Au-197

Cross Section -100.0 To 9999. %

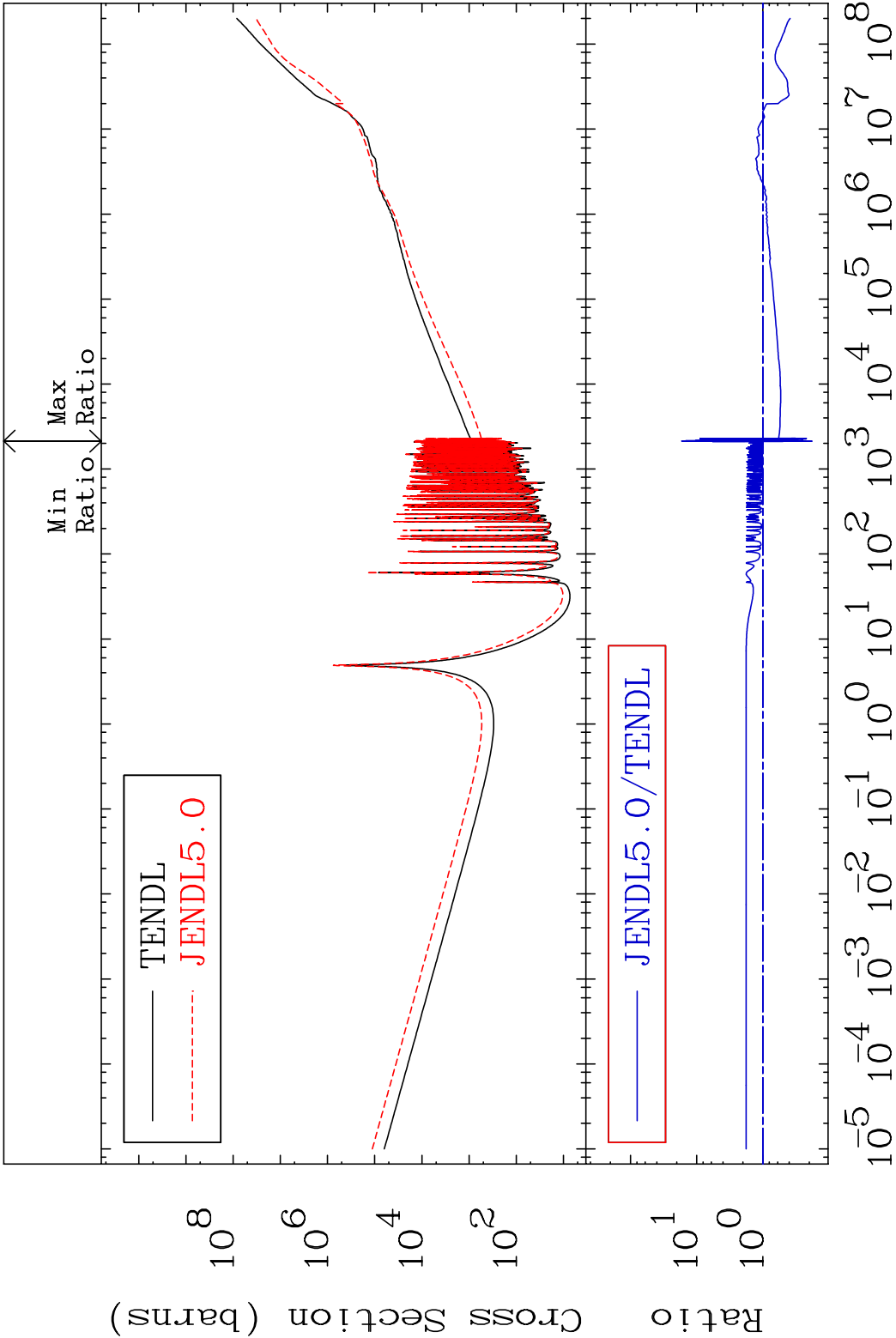


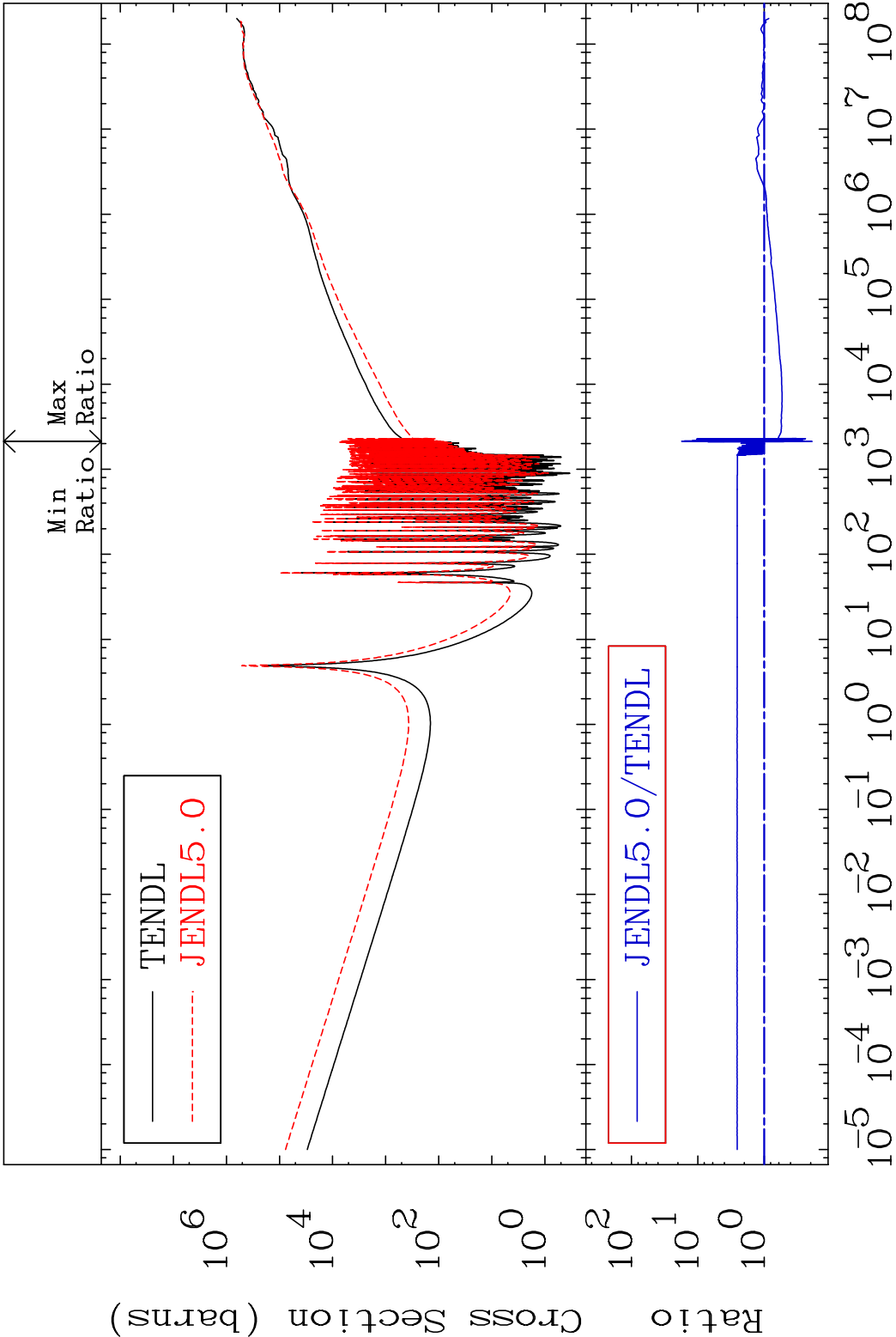


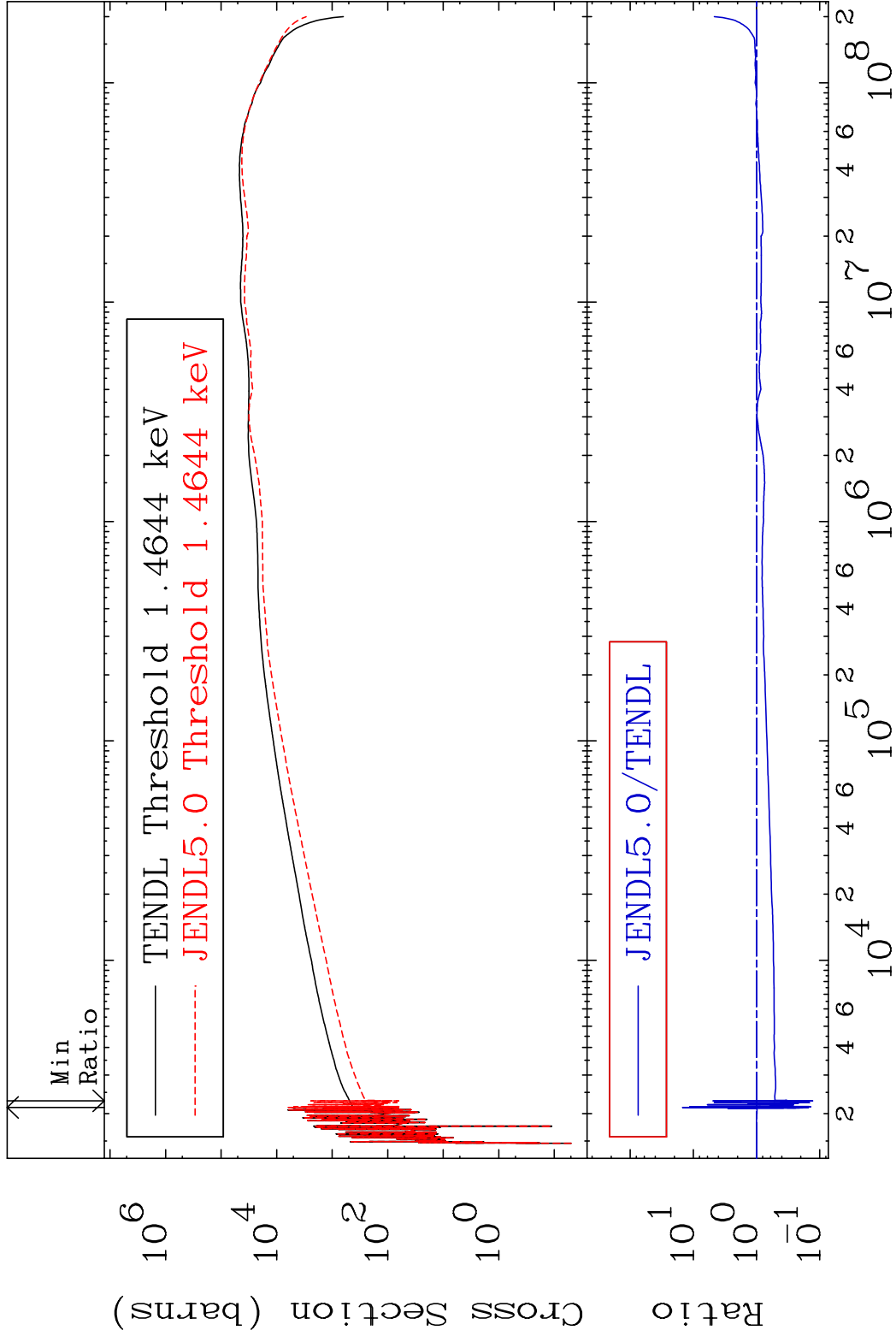
MAT 7925 Total photon (eV-barns) 79-Au-197
Cross Section -97.23 To 9999. %

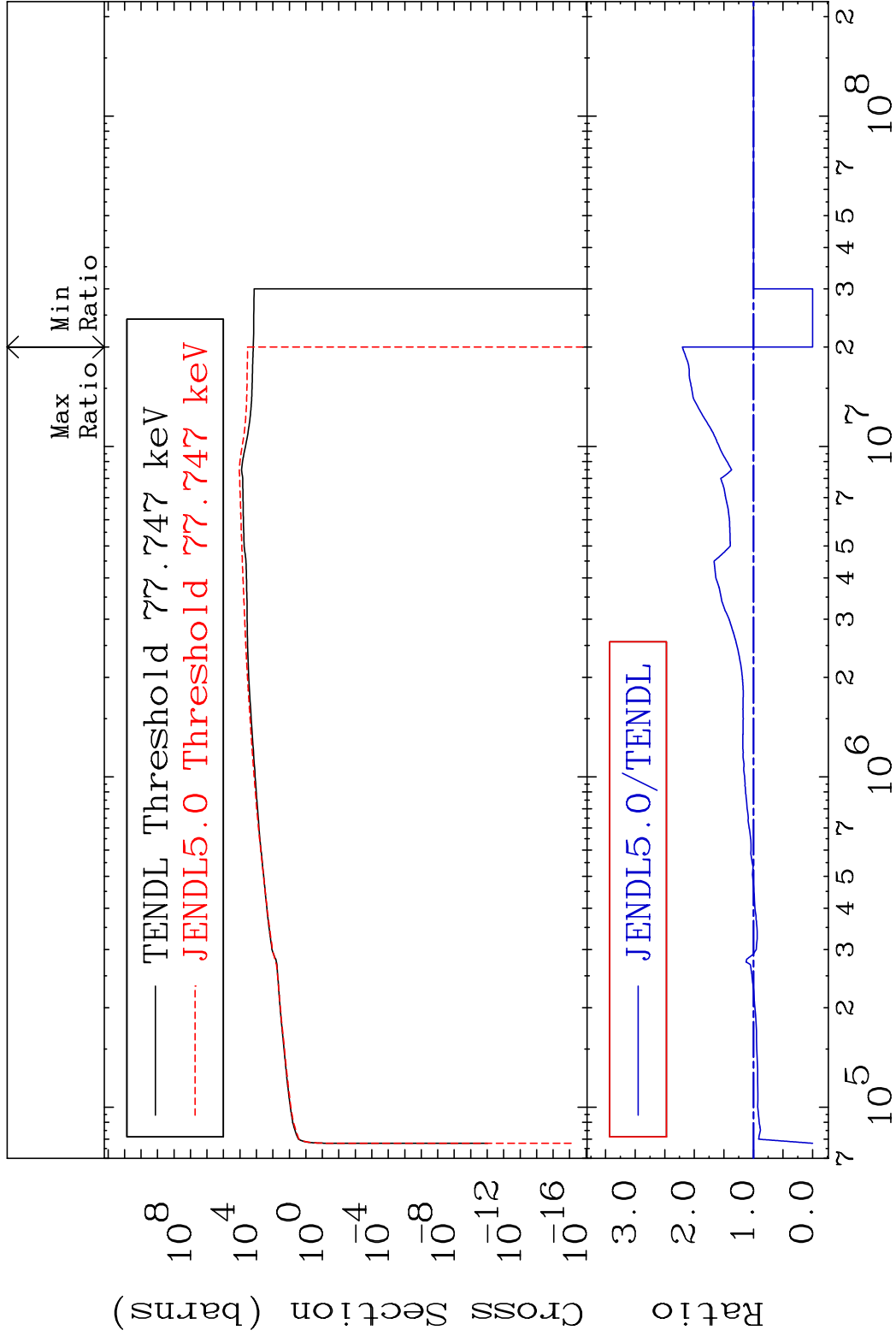


MAT 7925 Total kinematic kerma (high limit) 79-Au-197
Cross Section -81.99 To 1592. %

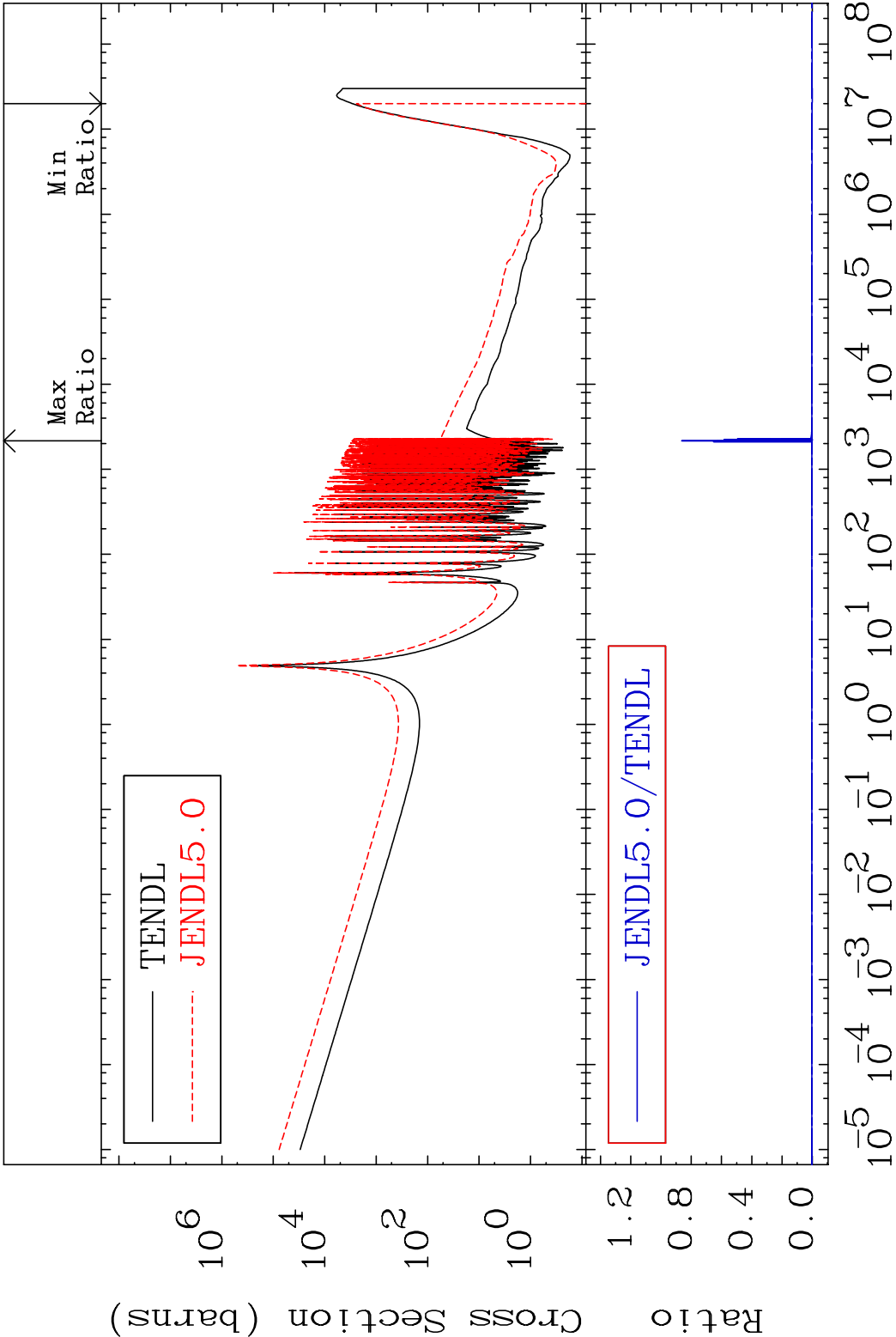


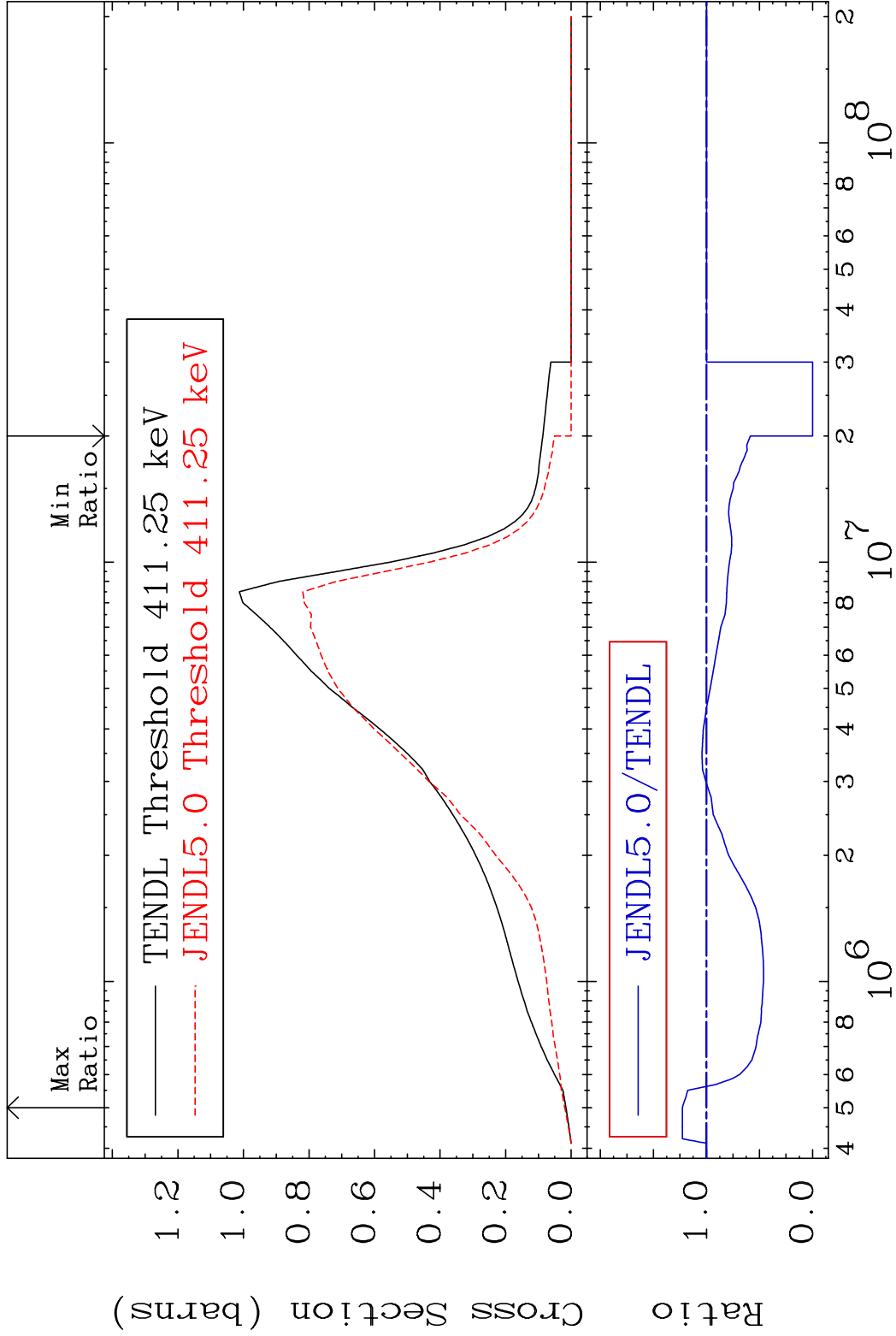




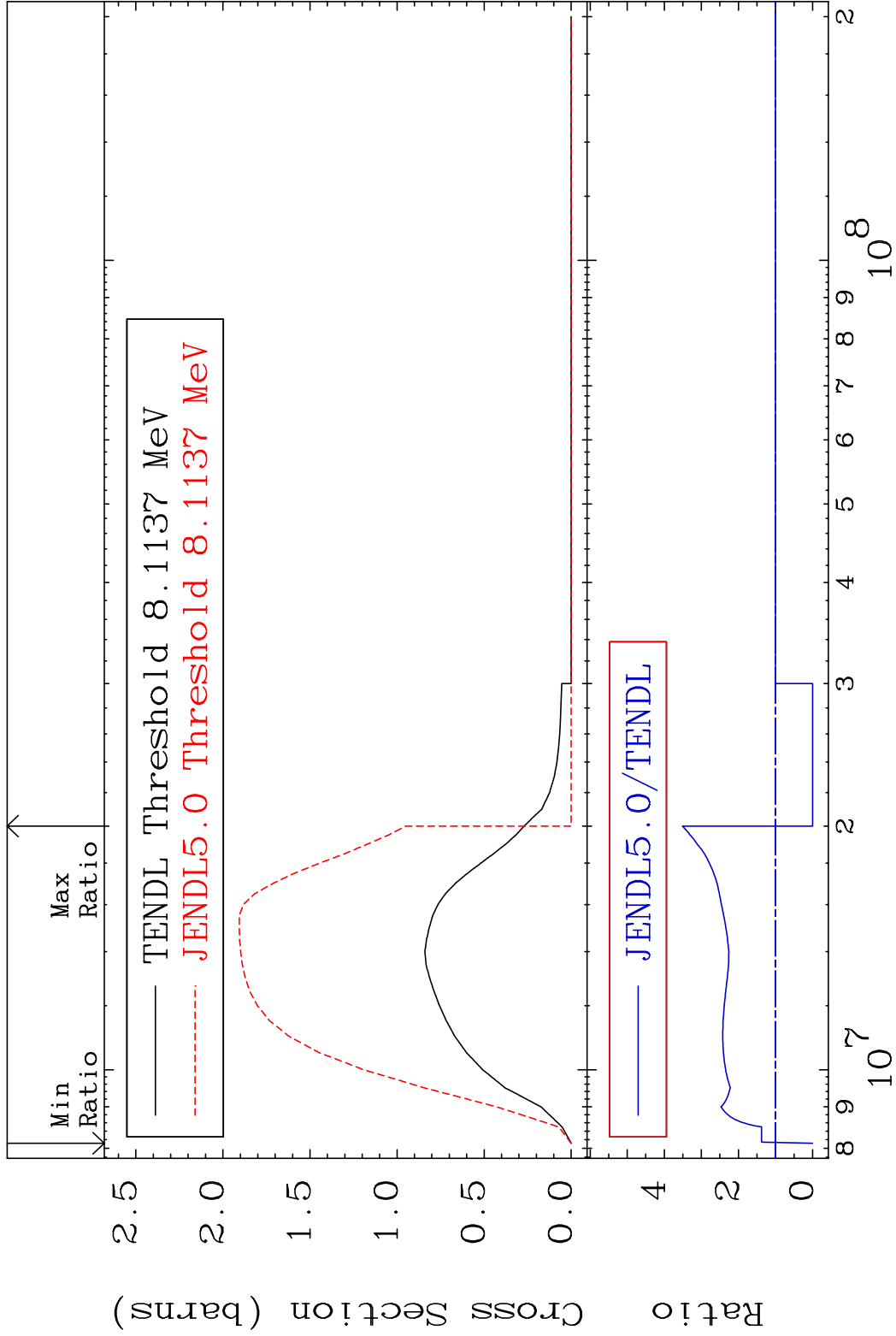


MAT 7925 Dpa disappearance (mt102 -120) 79-Au-197
Cross Section -100.0 To 9999. %

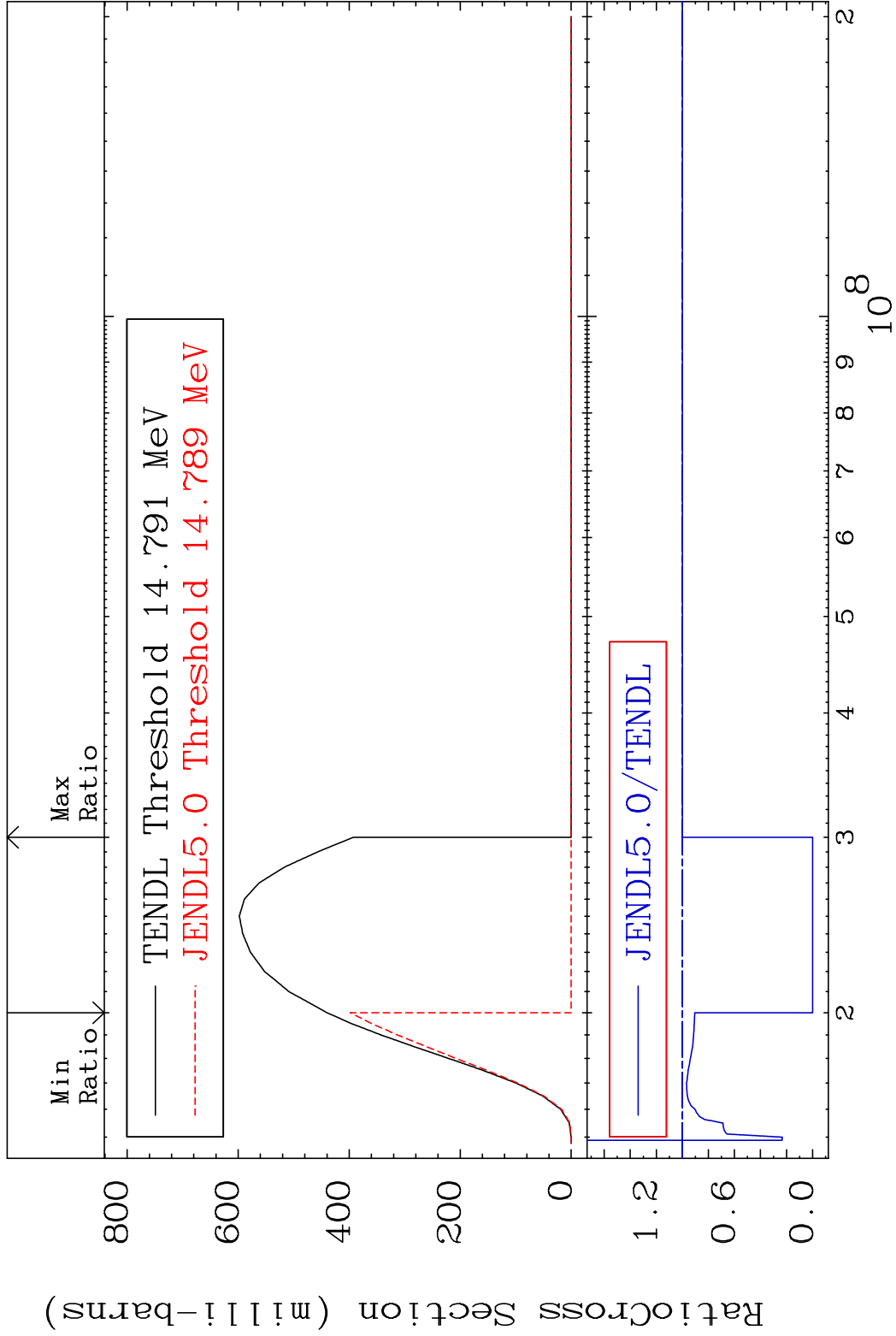


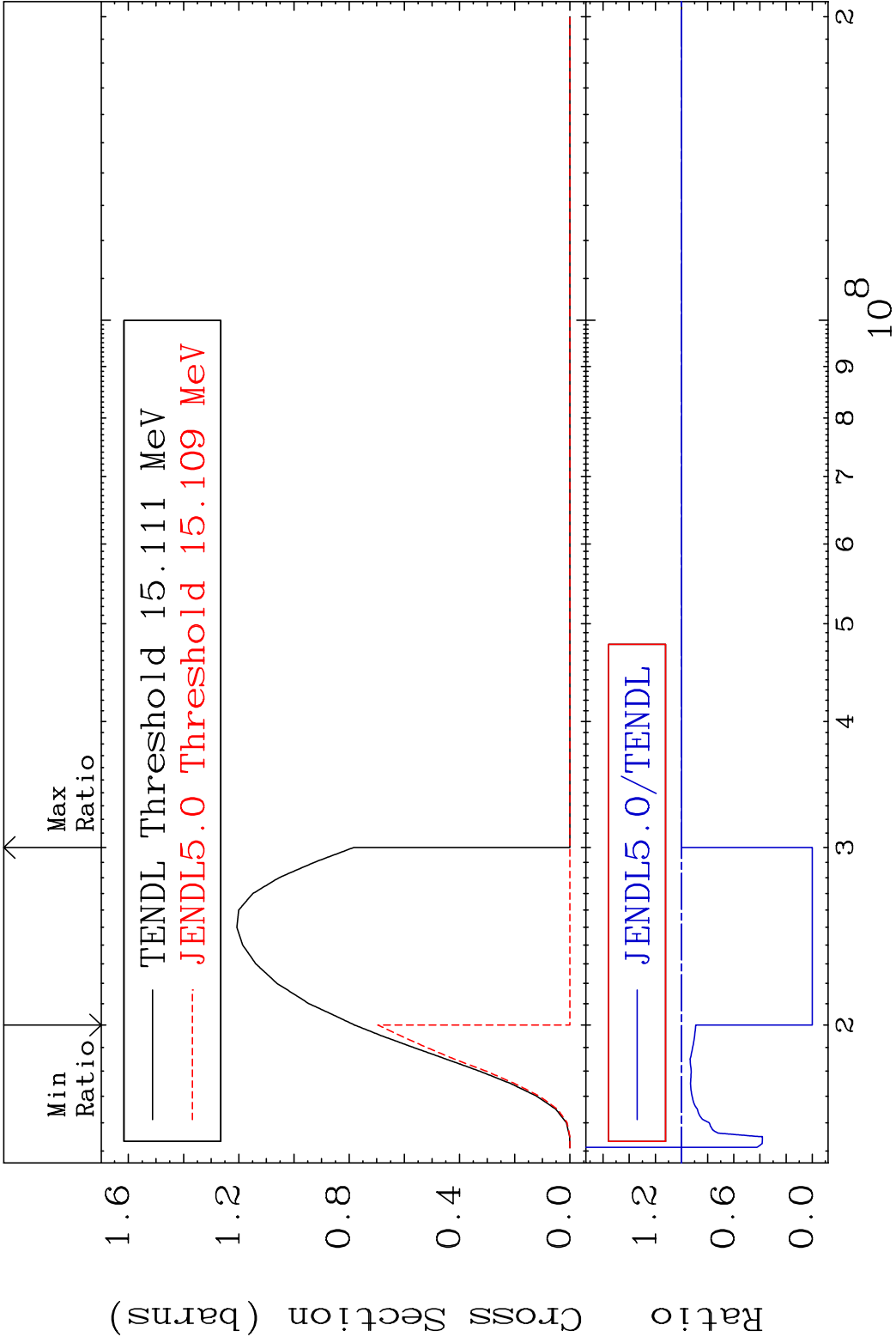


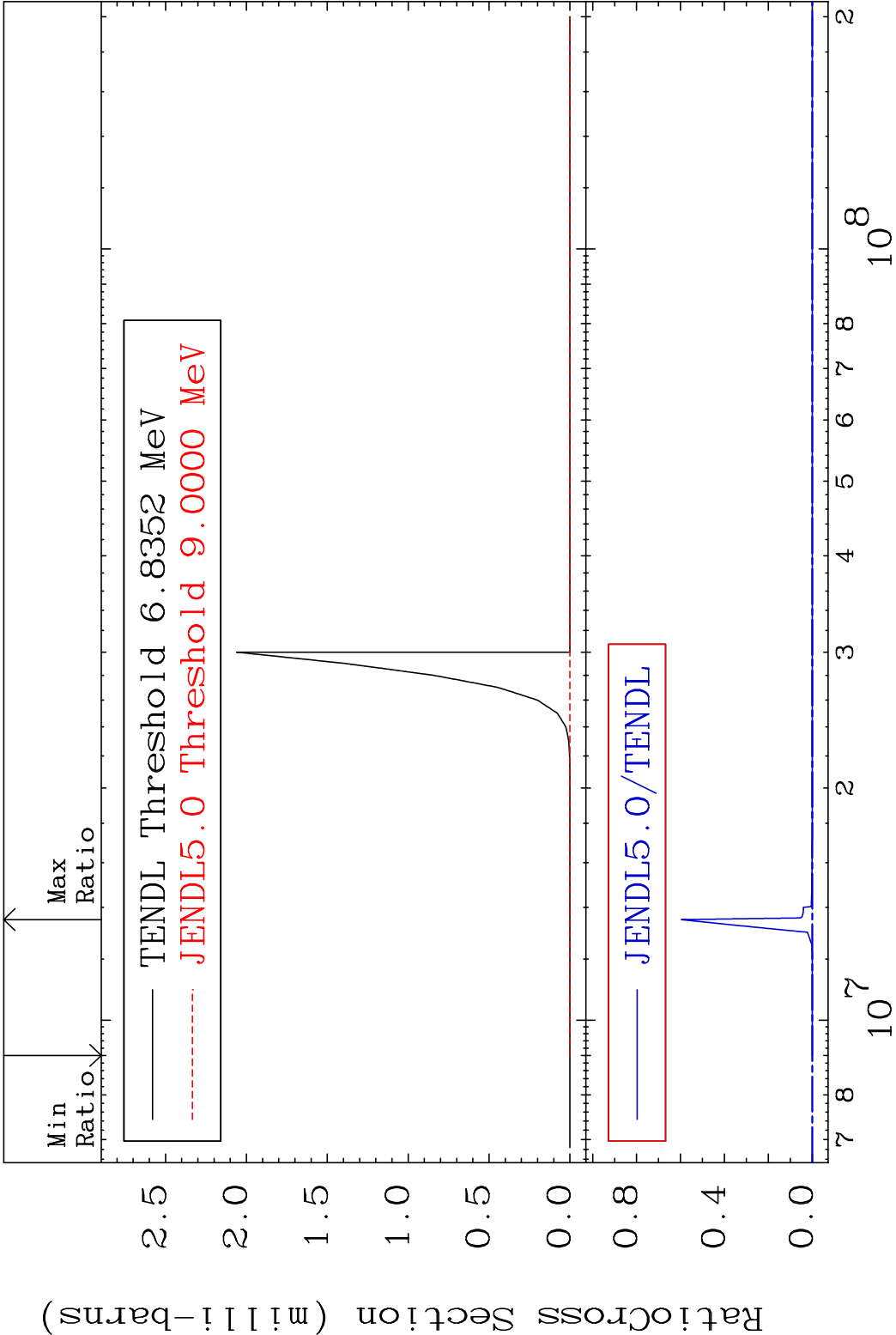
Radionuclide Production Cross Section to 251.3 %

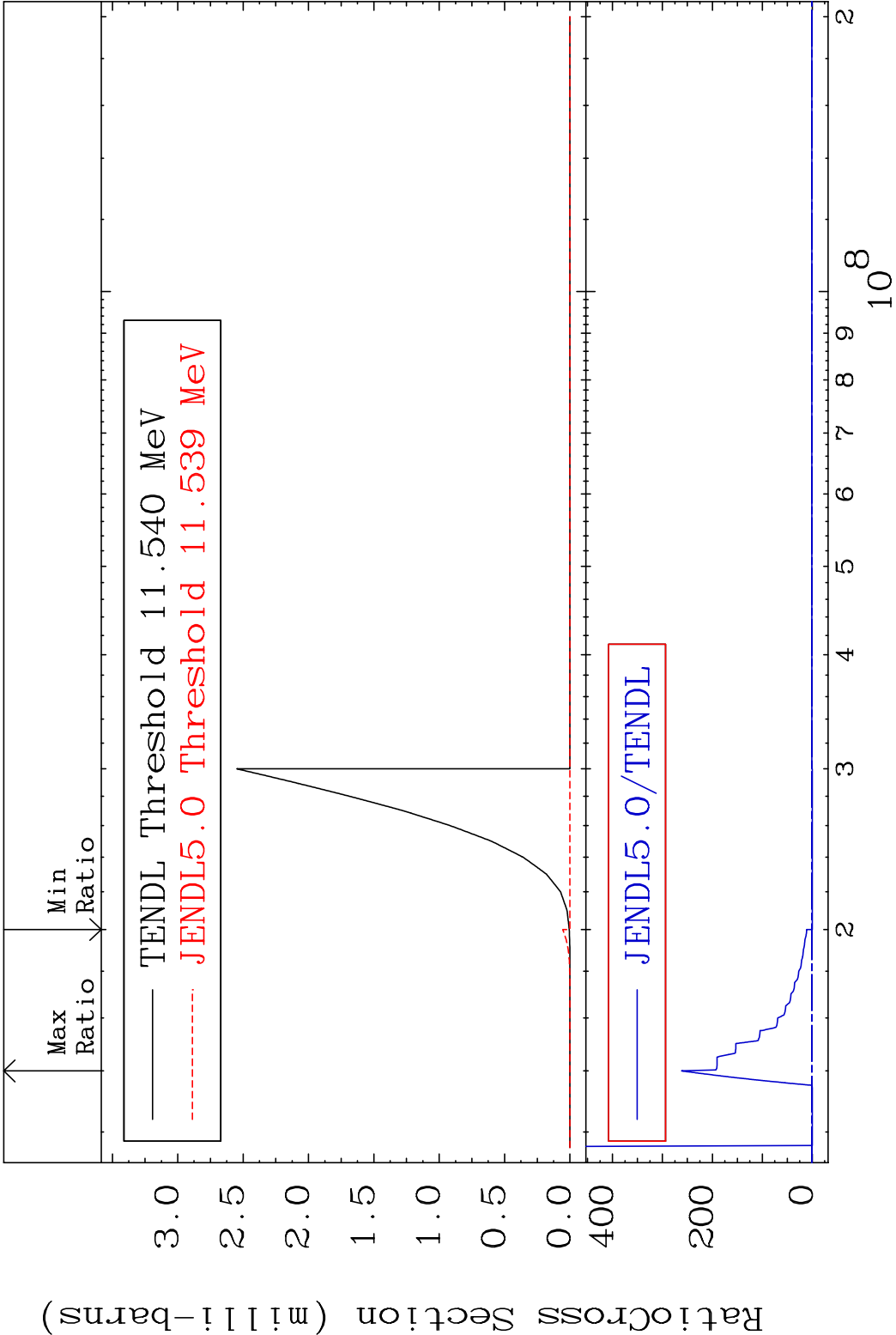


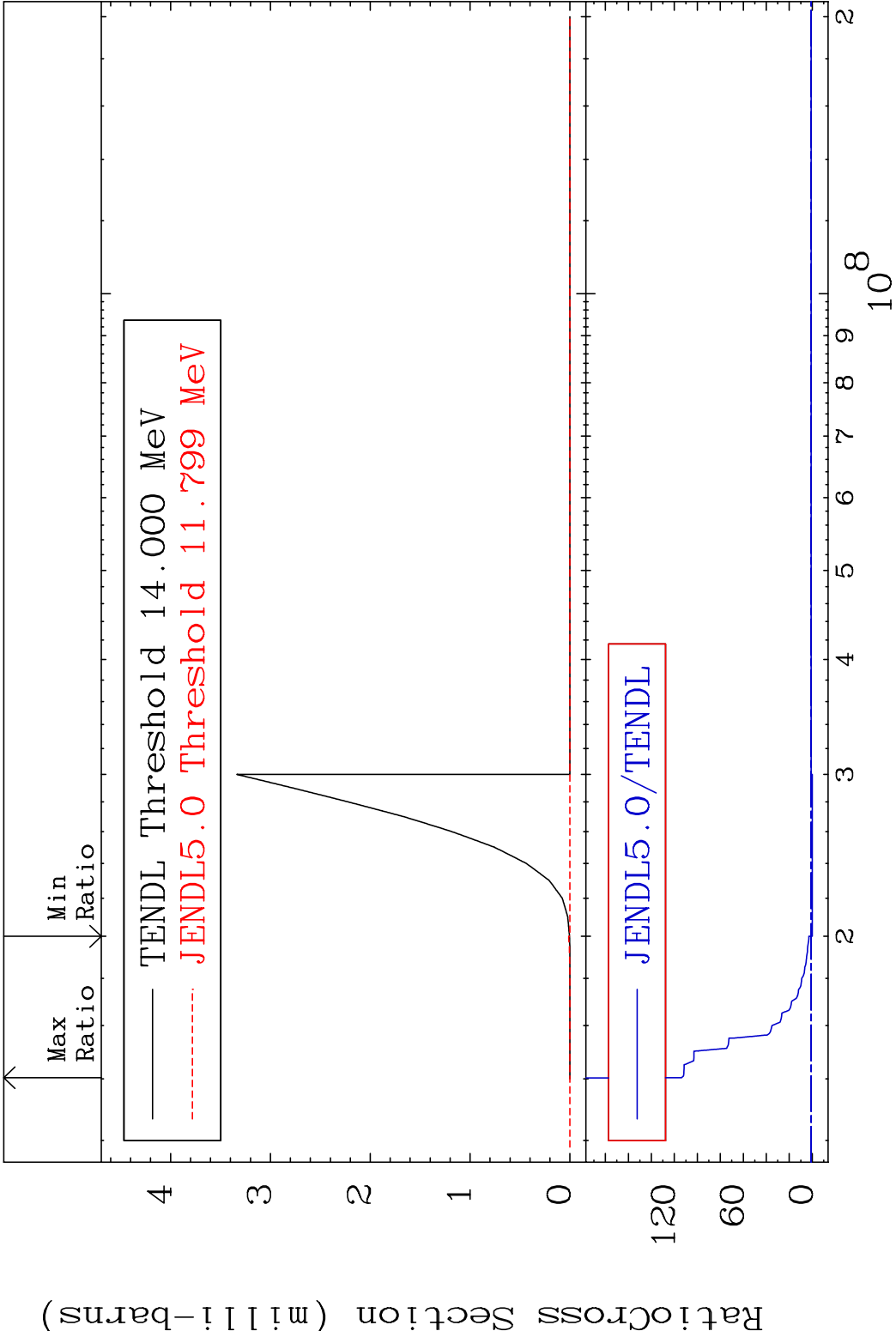
Radionuclide Production Cross Section 180.000 %

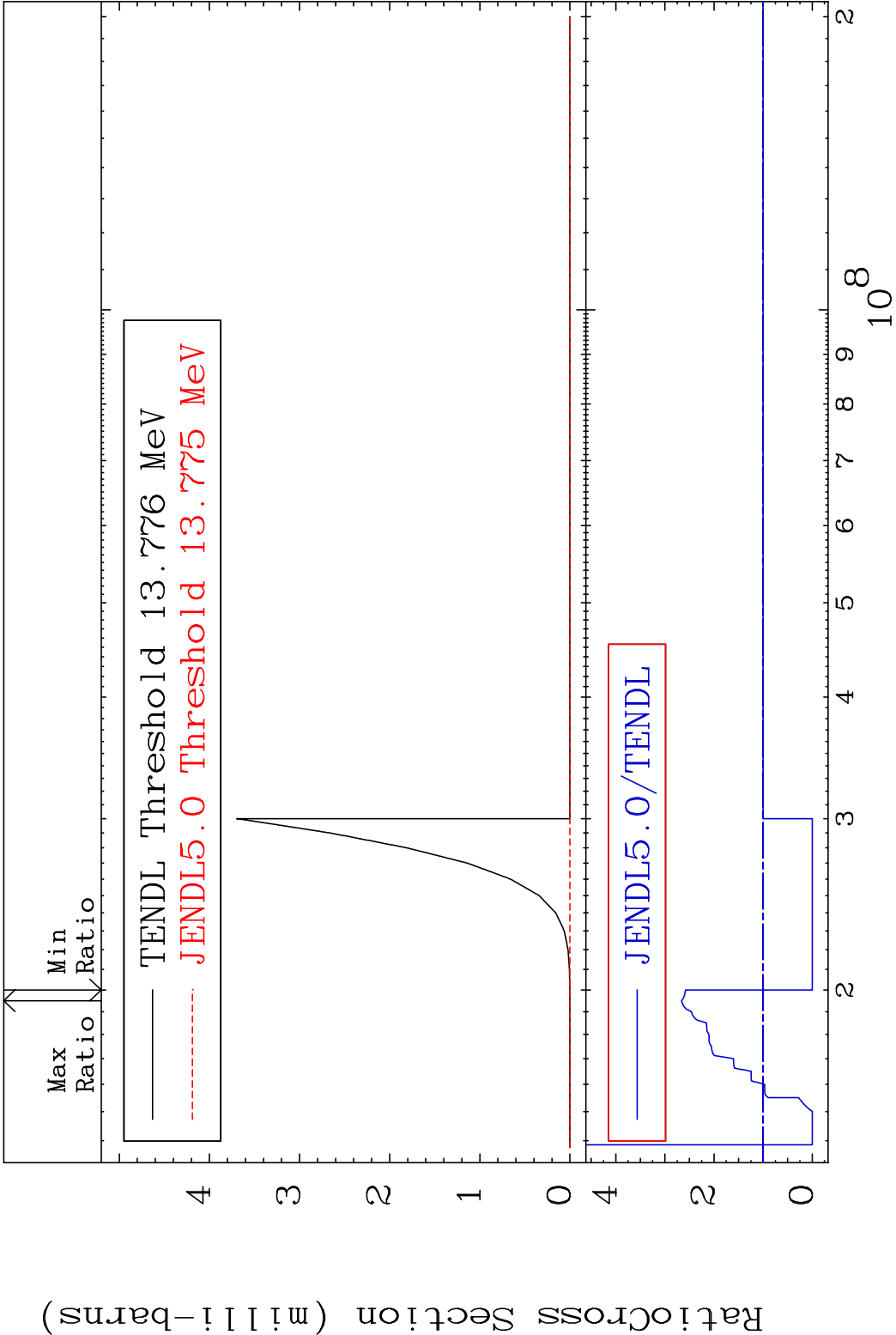


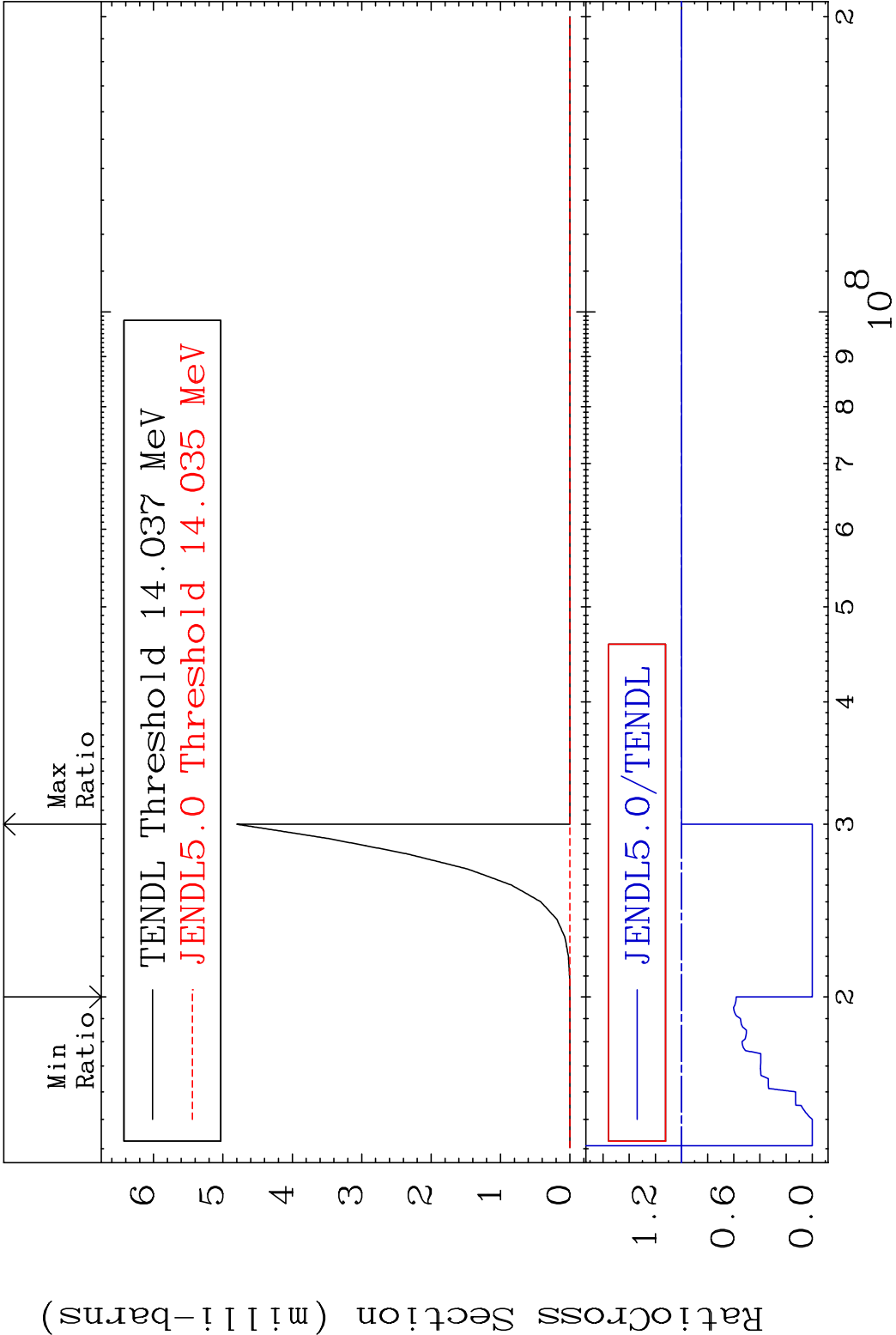


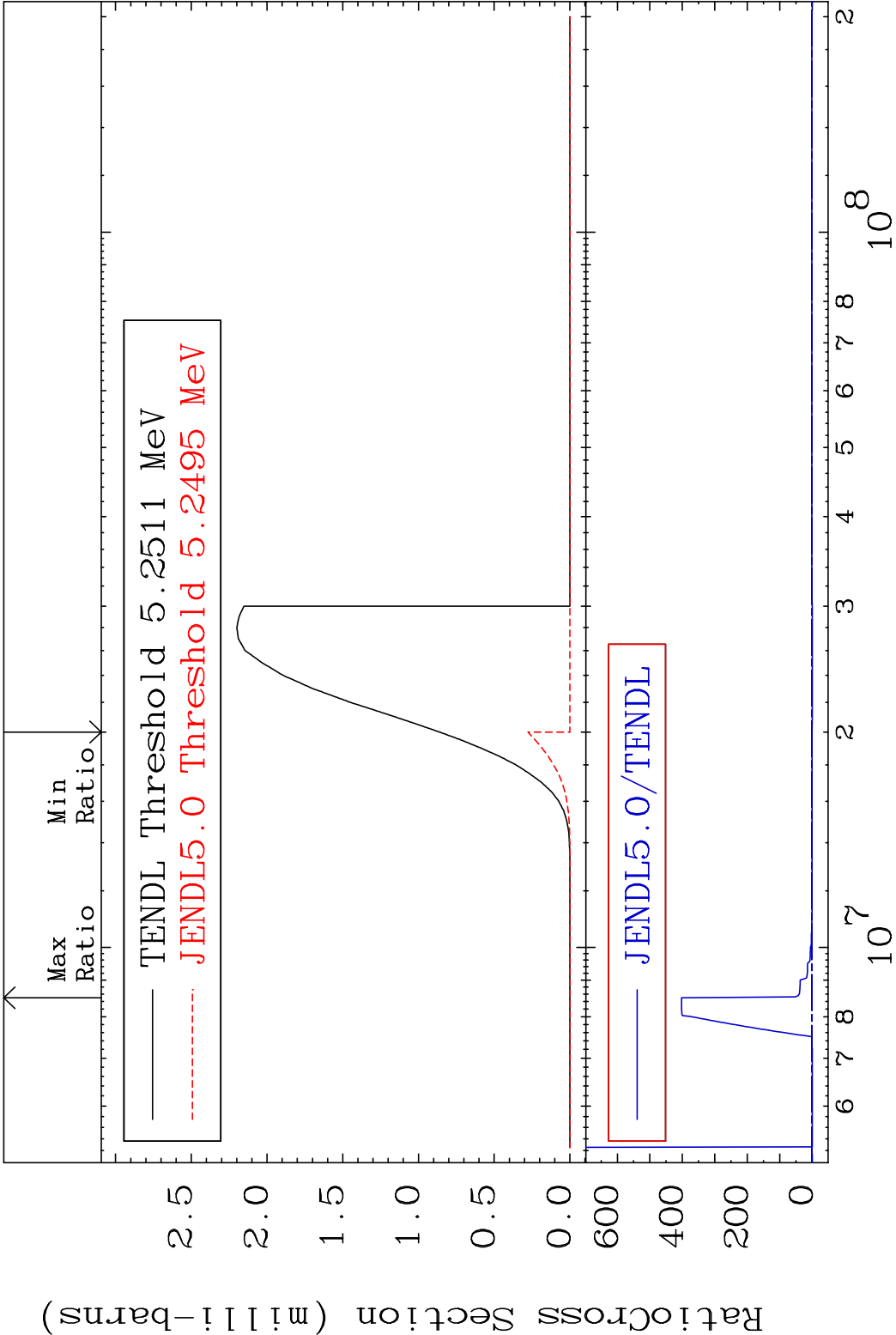












Radionuclide Production Cross Section (mb) to 9999. %

