

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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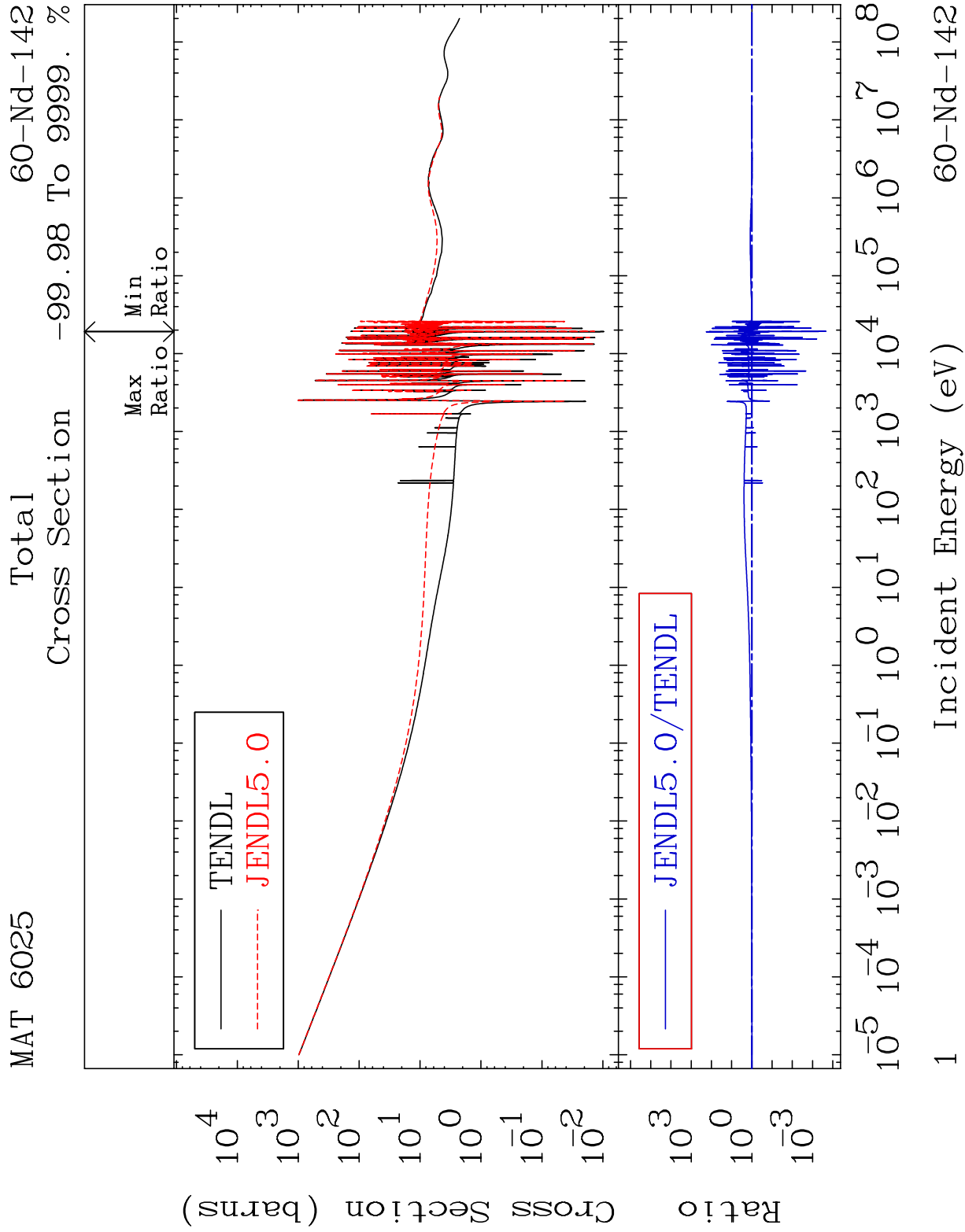
U.S.A.

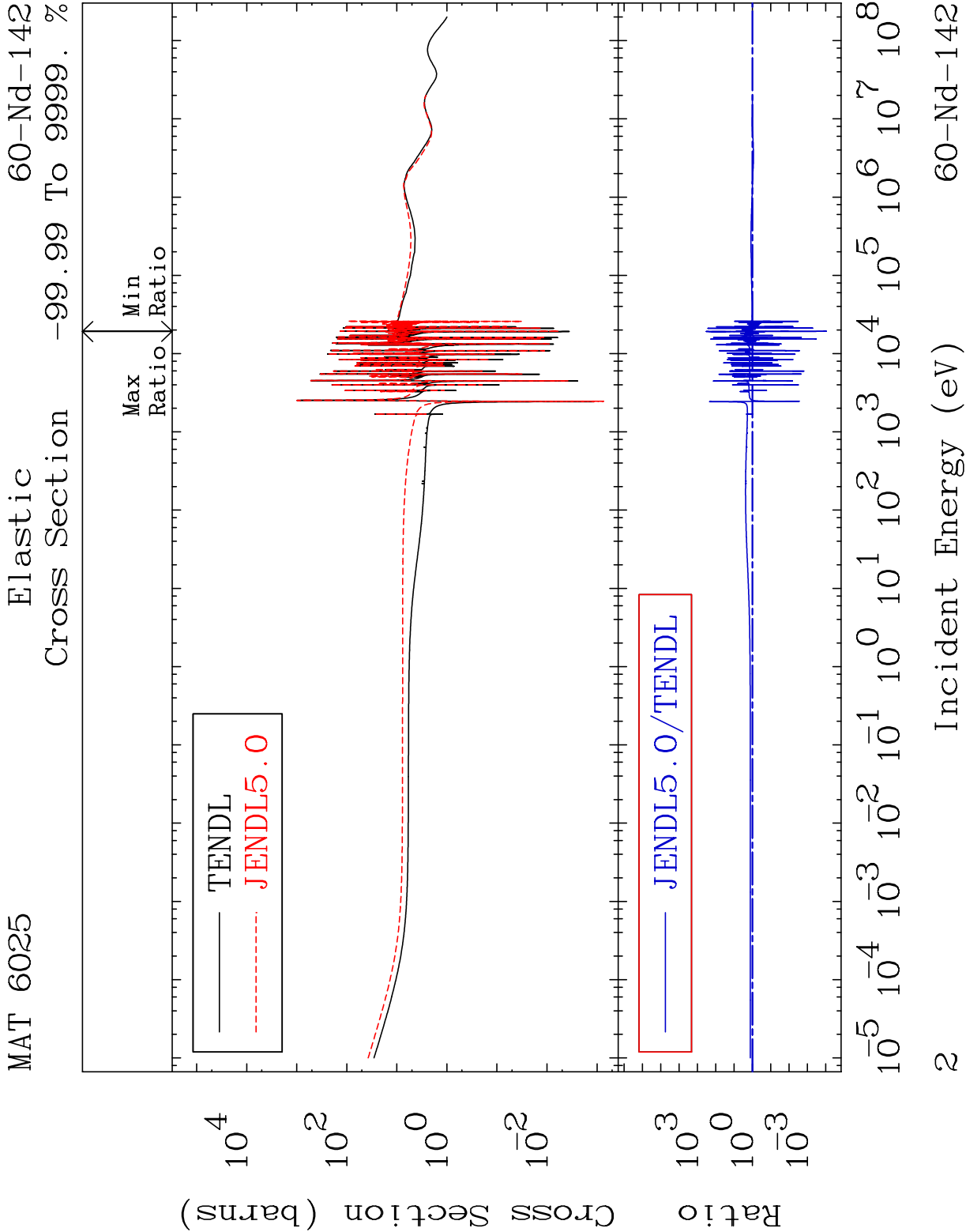
Tele: 925-443-1911

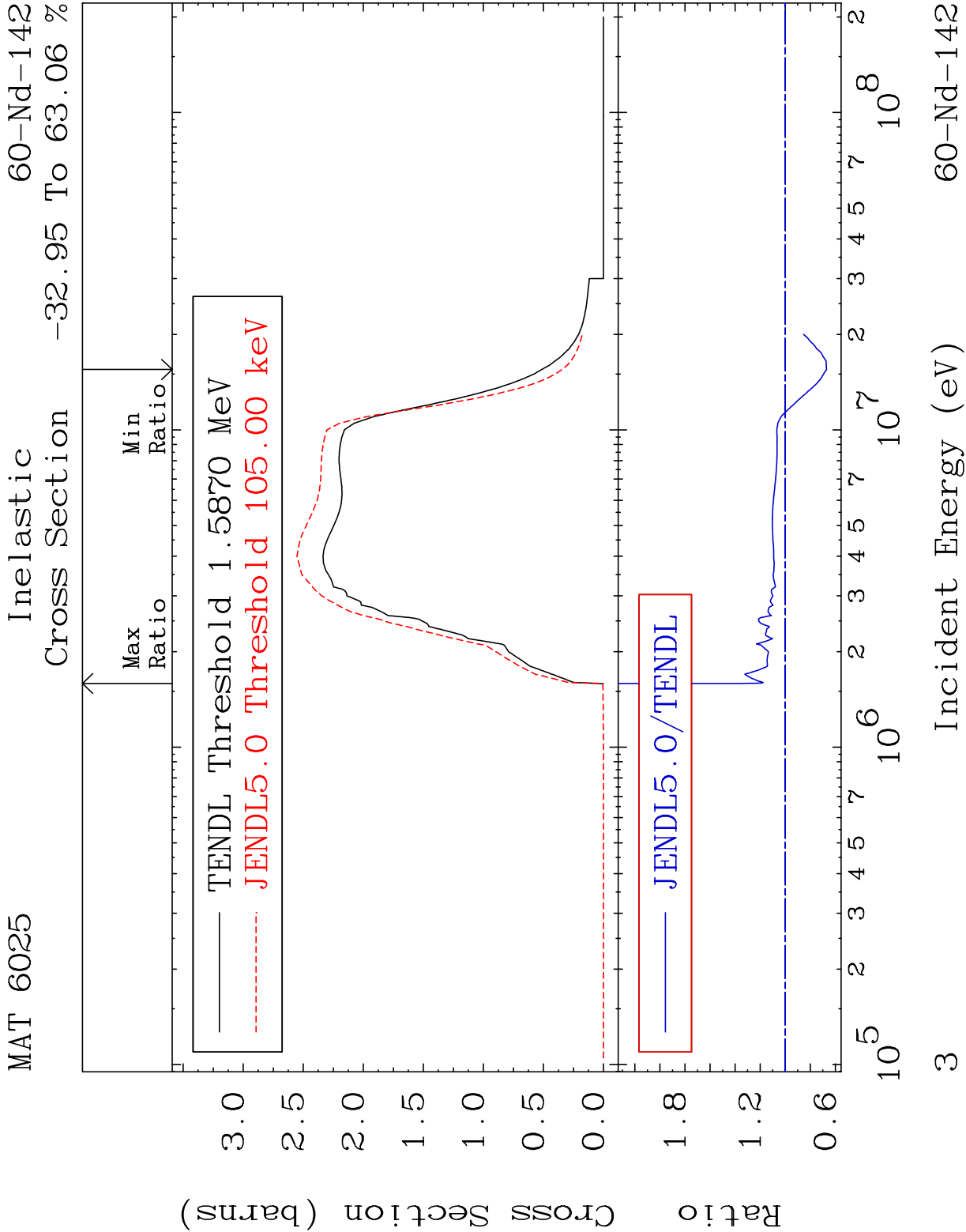
E.Mail: redcullen1@comcast.net

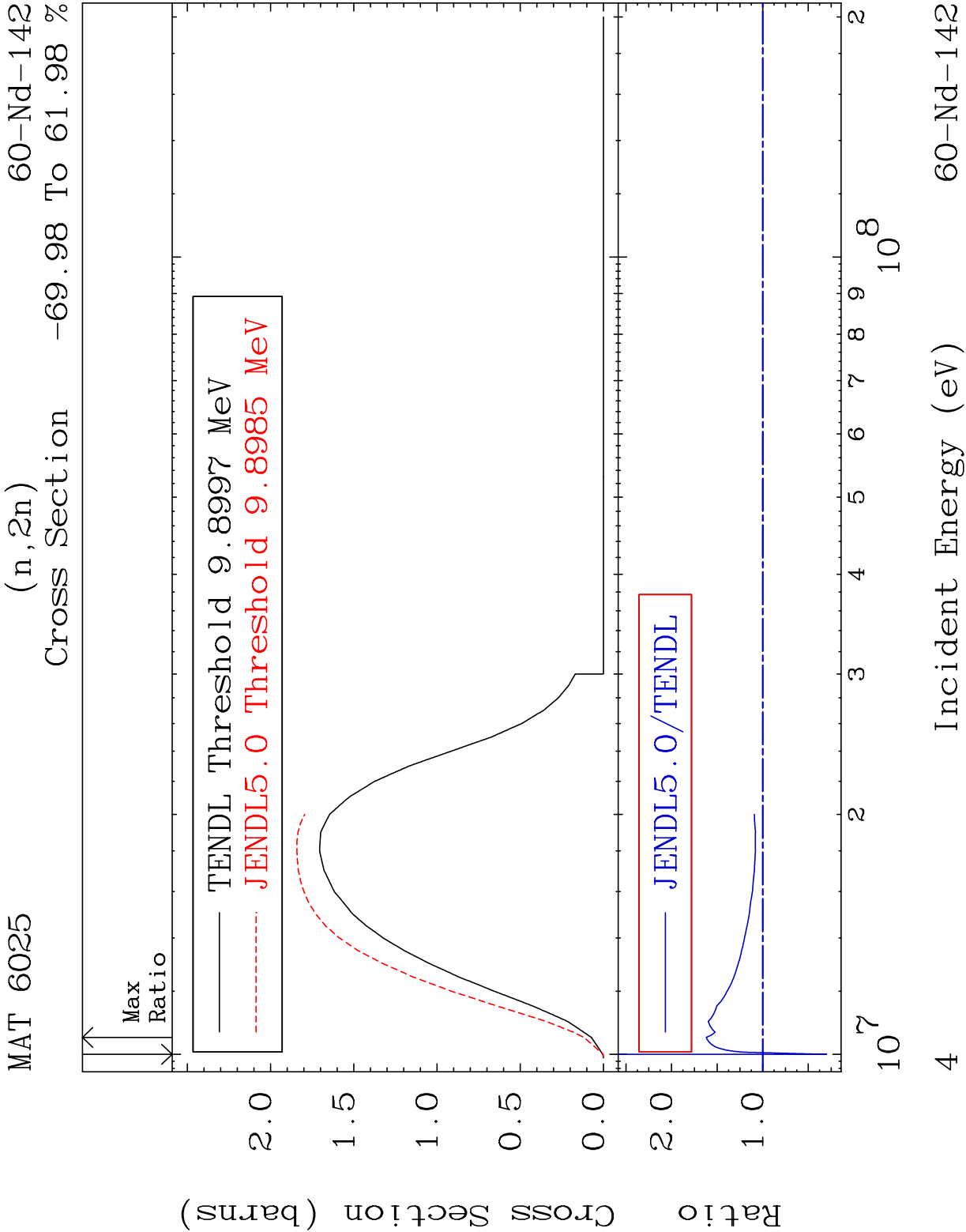
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start







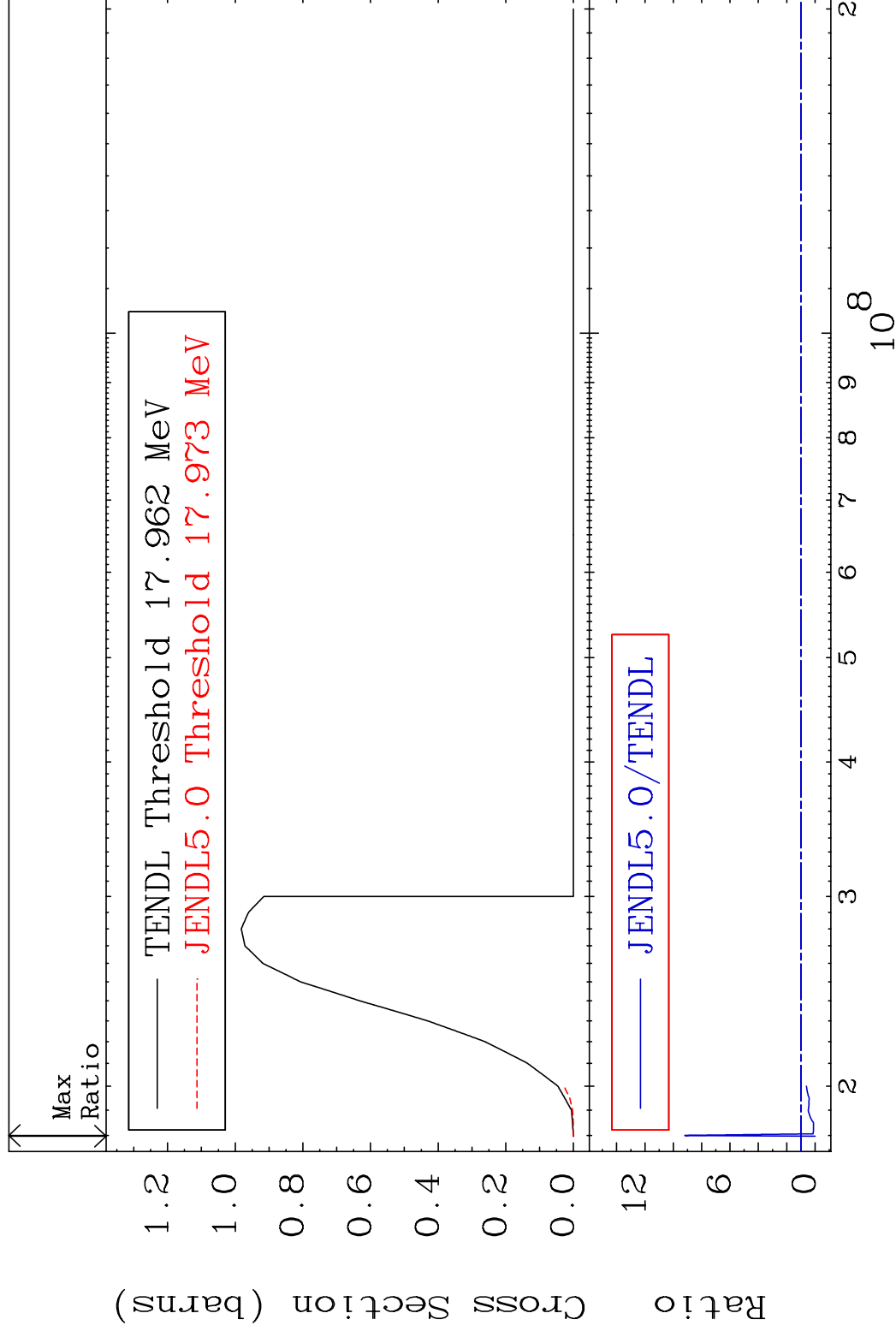


MAT 6025

$$(n, 3n)$$

60-Nd-142

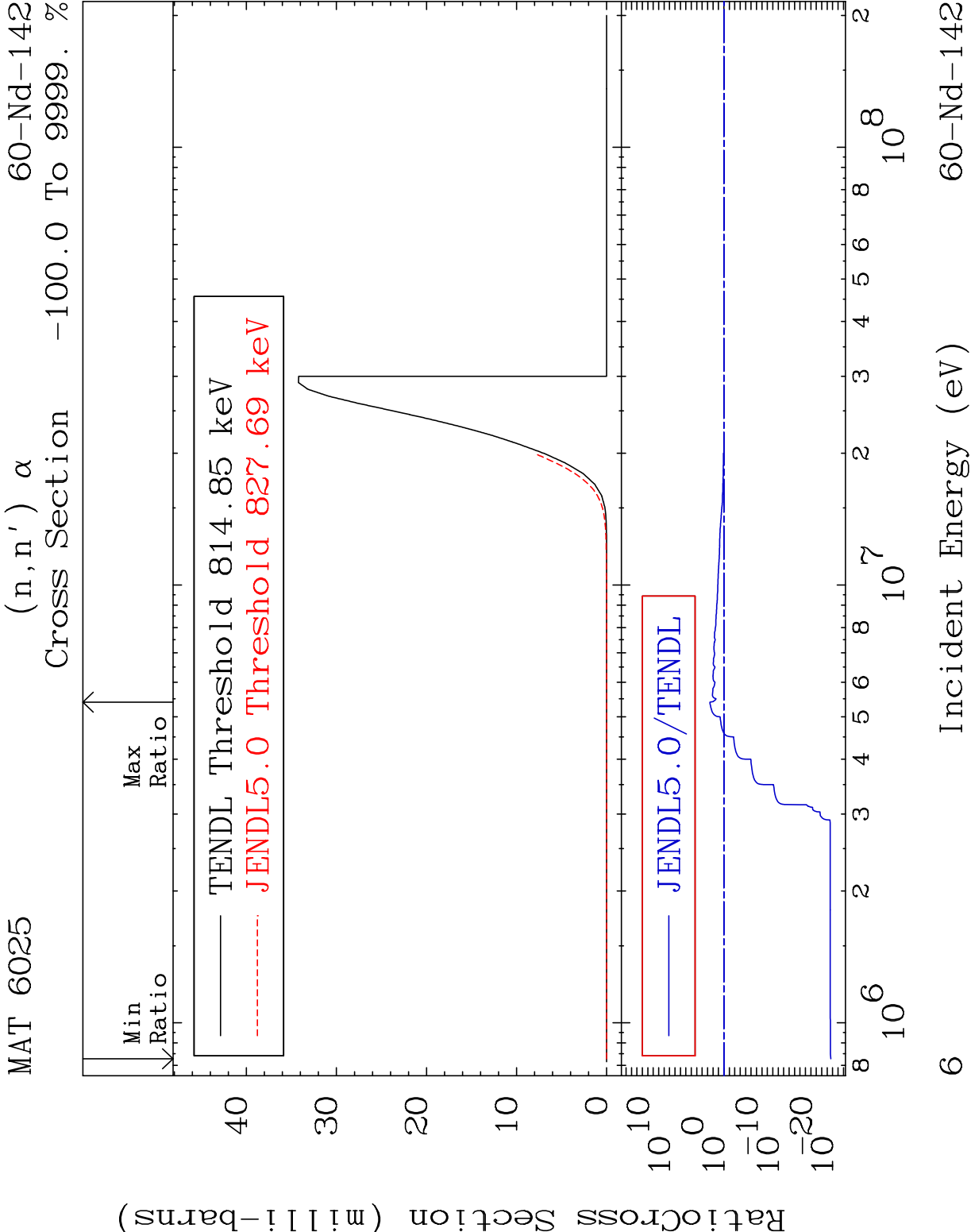
Cross Section -100.0 To 819.5 %

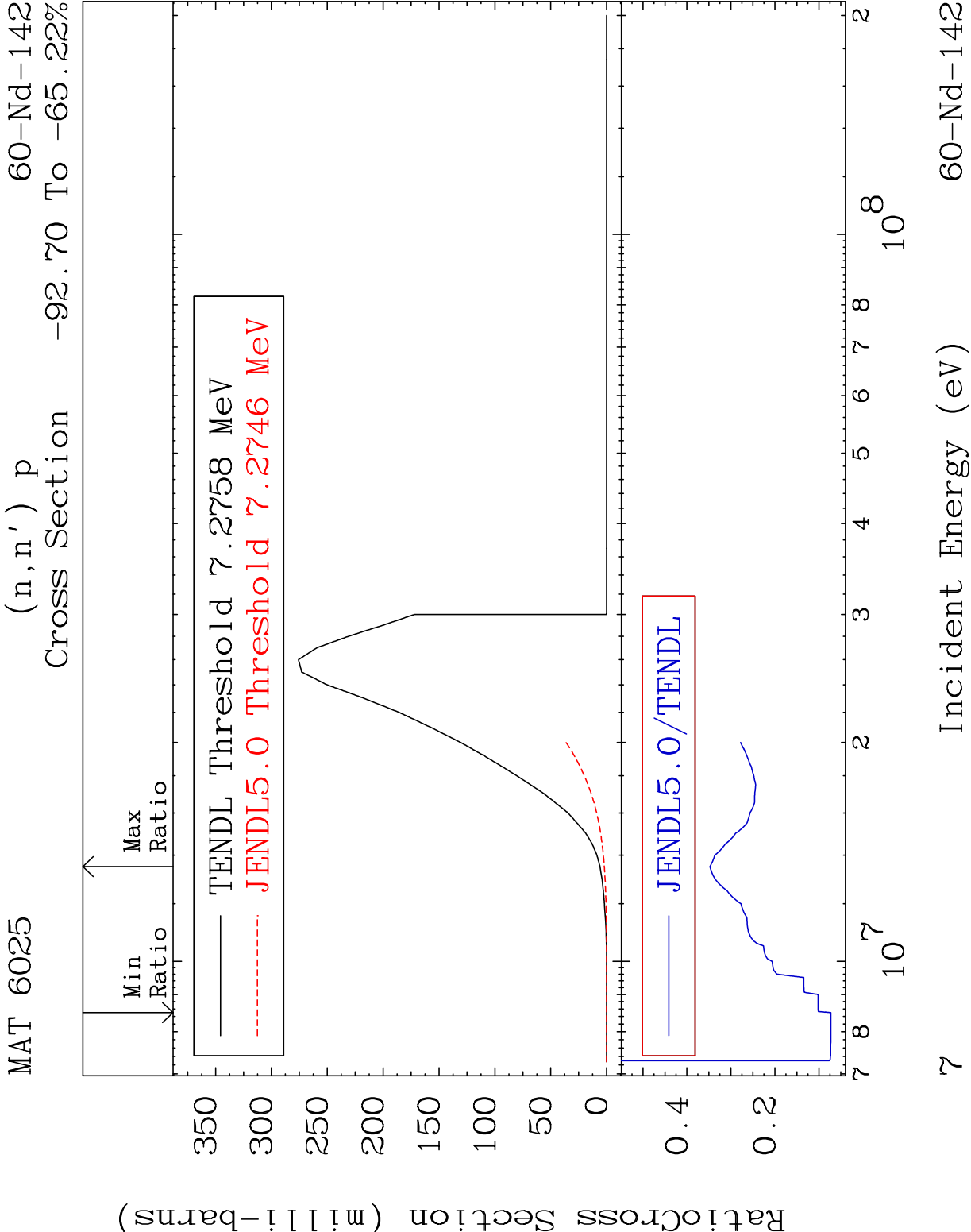


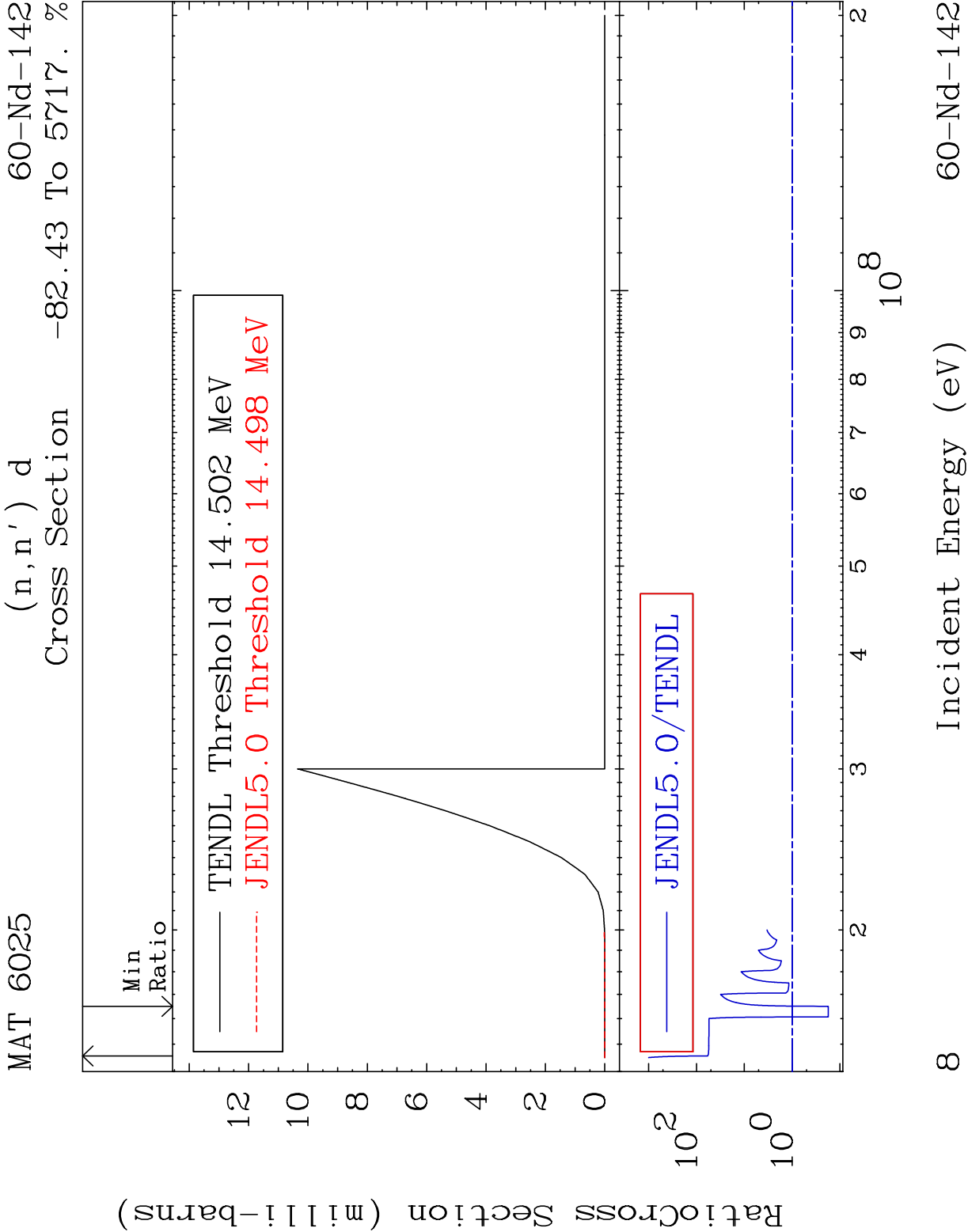
5

Incident Energy (eV)

60-Nd-142

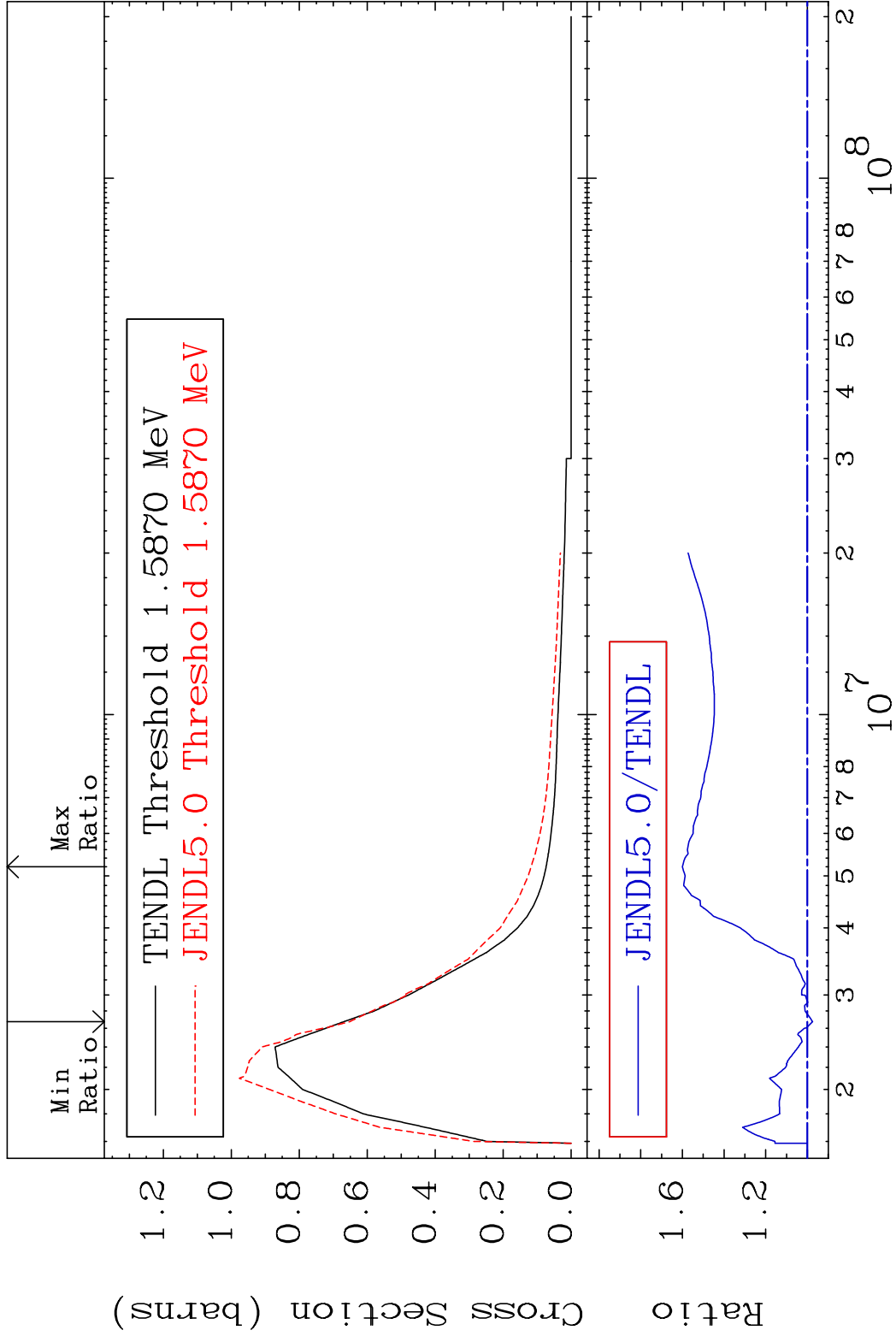




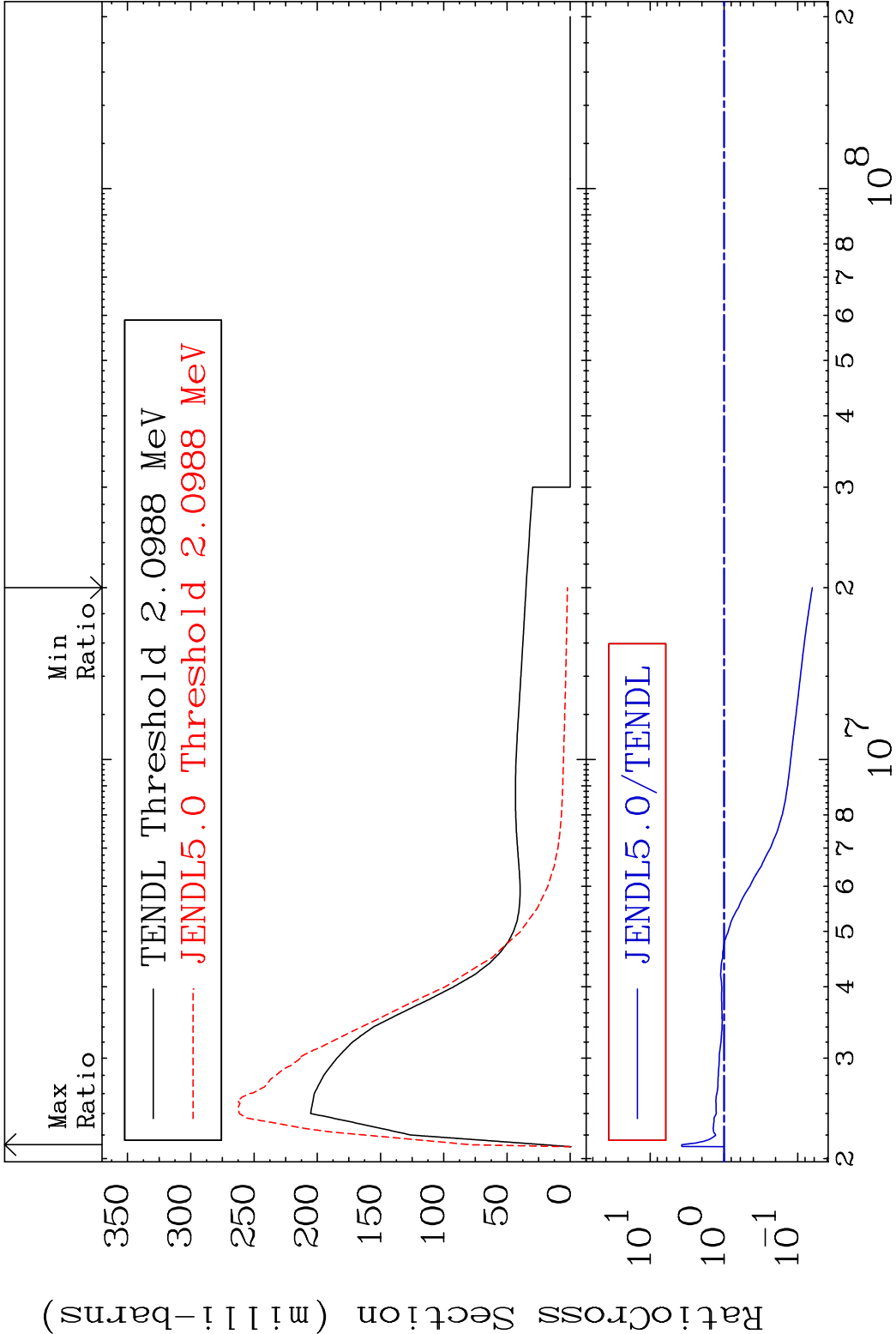


8

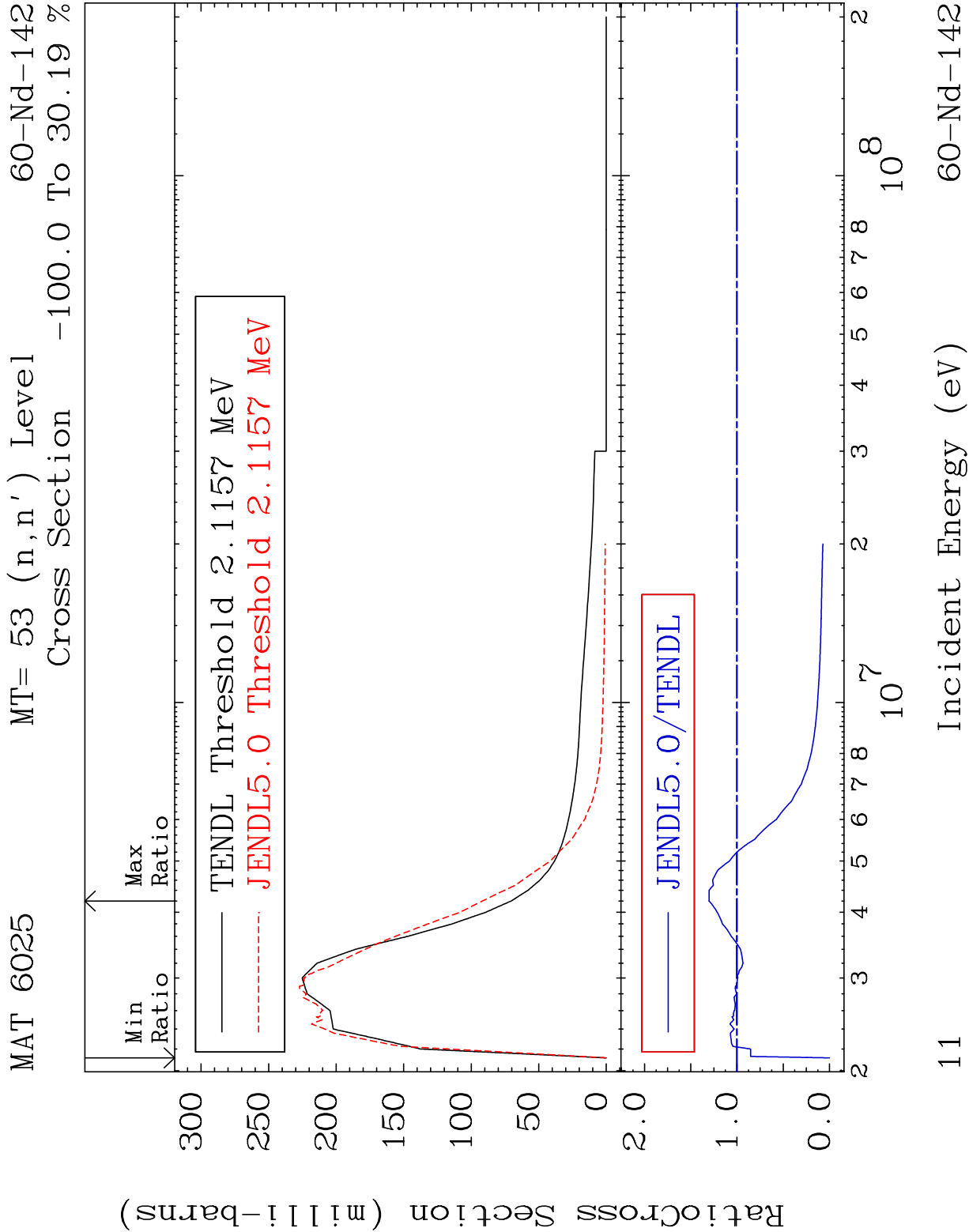
MAT 6025 MT= 51 (n,n') Level 60-Nd-142
Cross Section -2.494 To 60.01 %



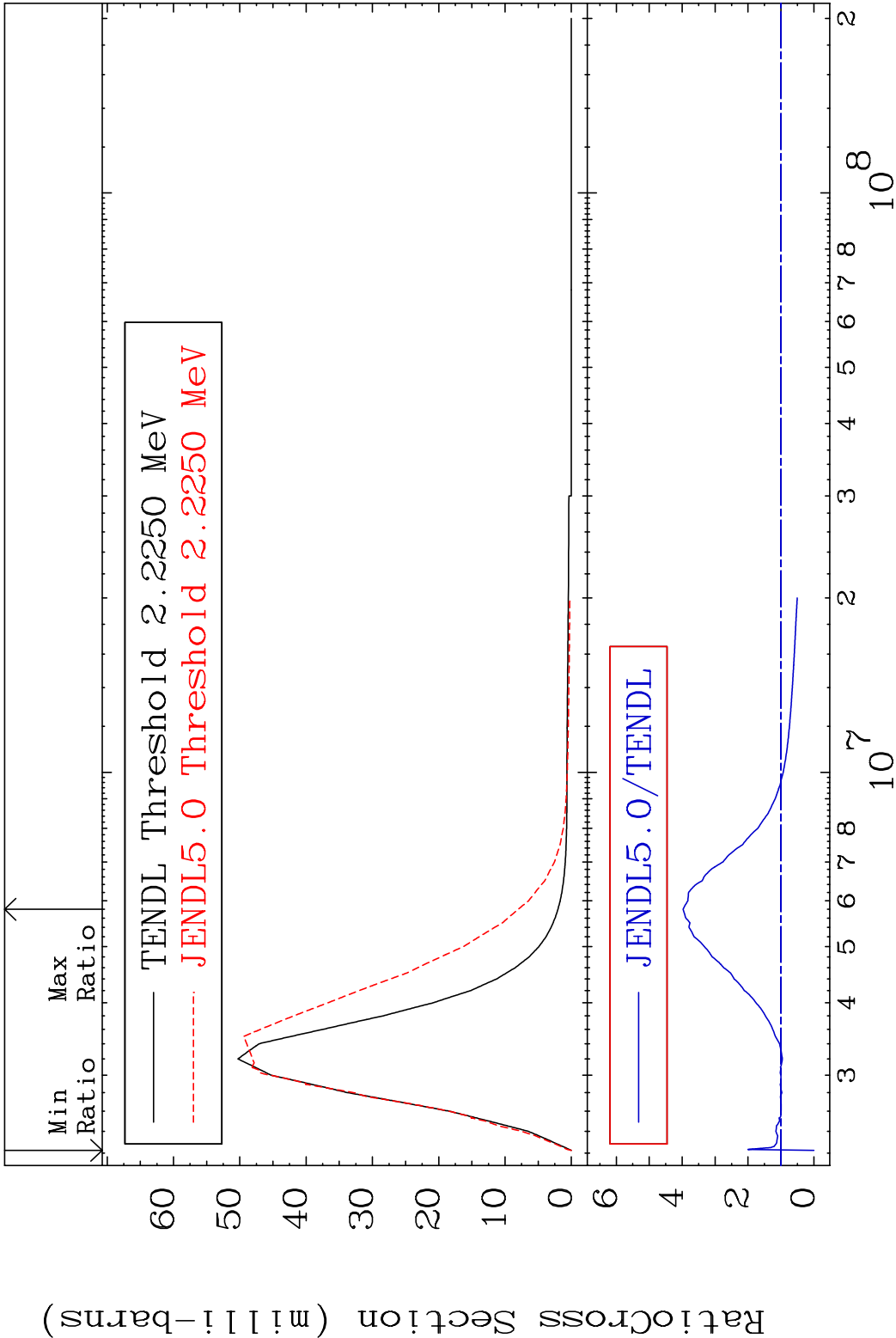
MAT 6025 MT= 52 (n,n') Level 60-Nd-142
Cross Section -93.64 To 274.1 %

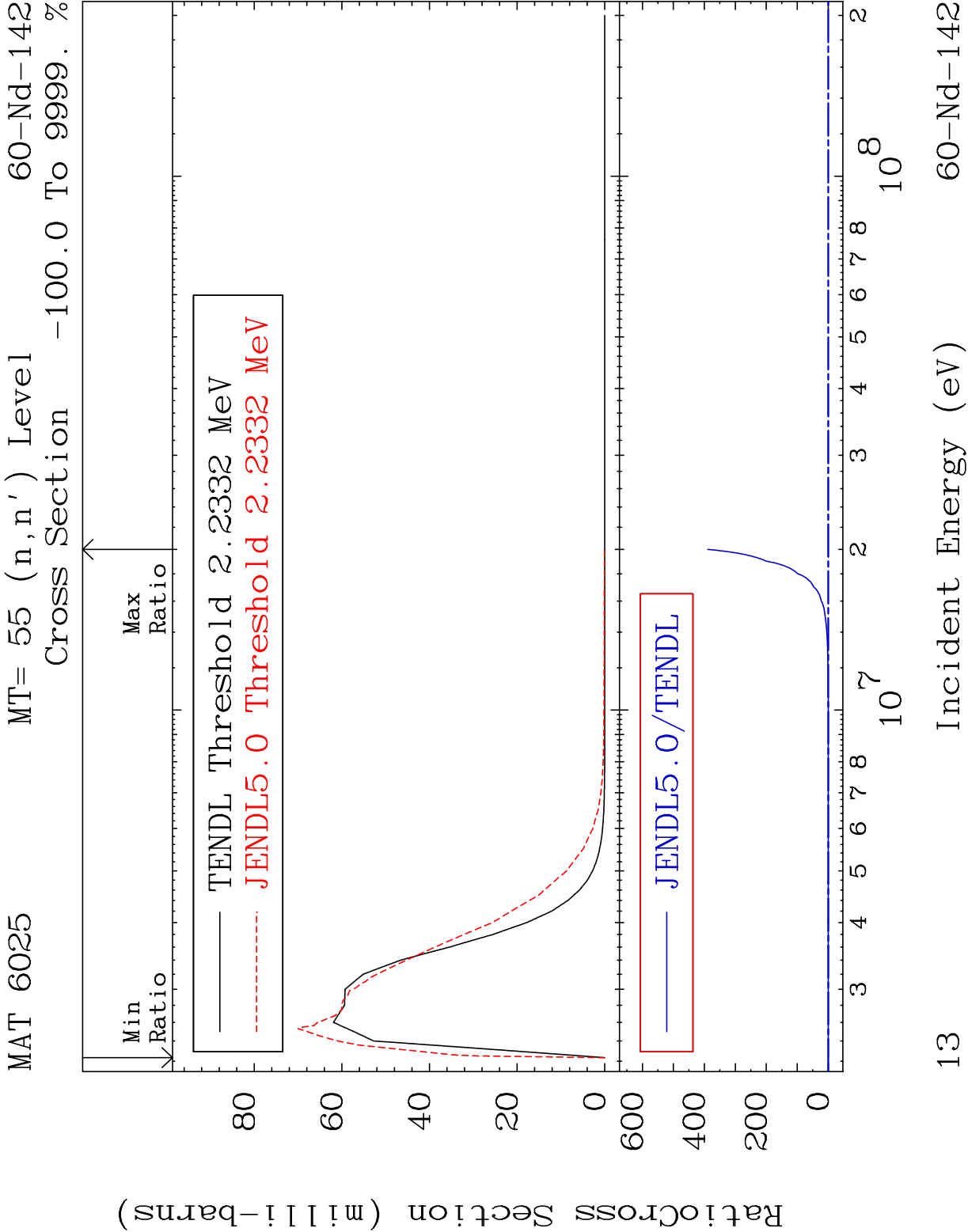


10 Incident Energy (eV) 60-Nd-142

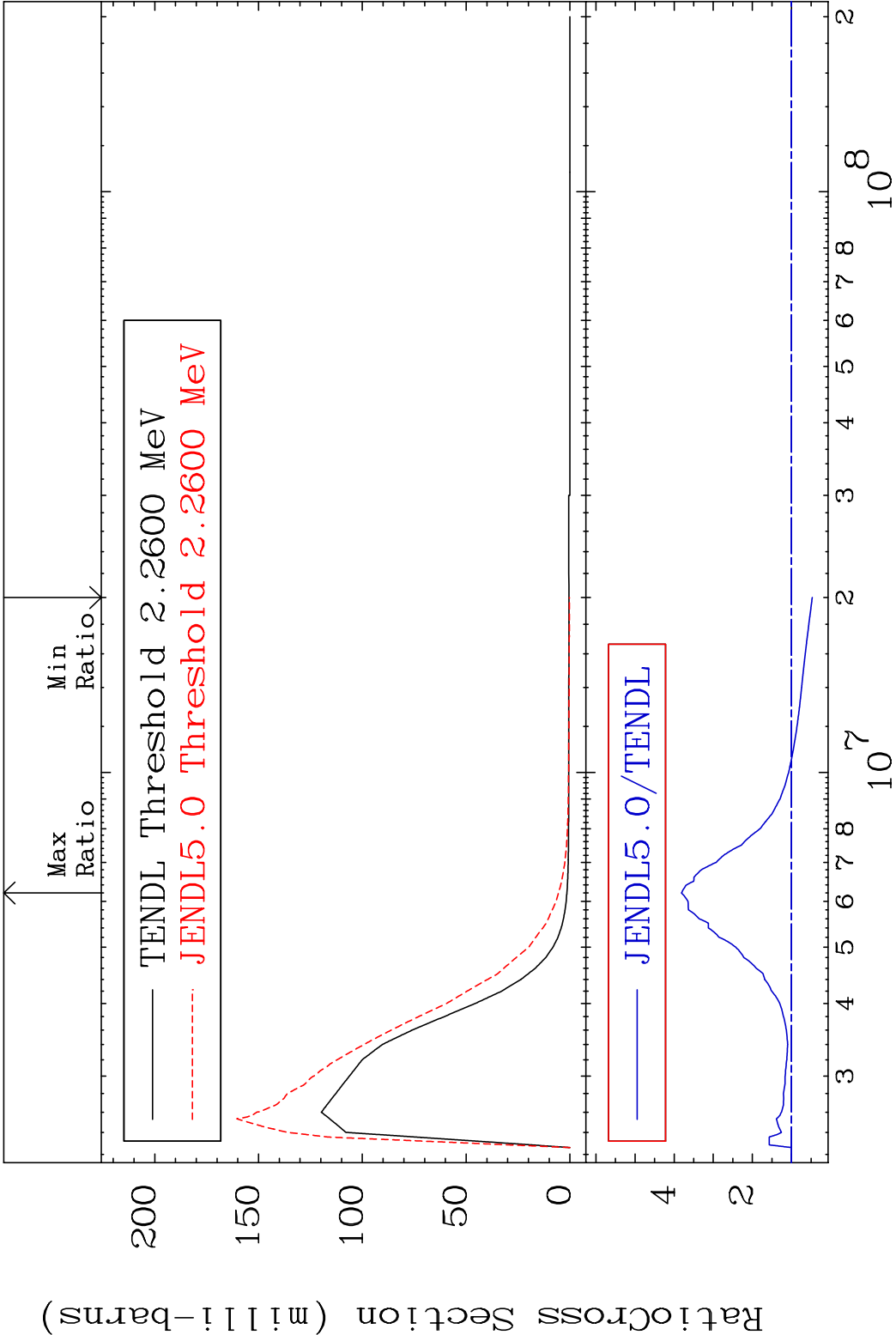


MAT 6025 MT= 54 (n,n') Level 60-Nd-142
Cross Section -100.0 To 297.3 %

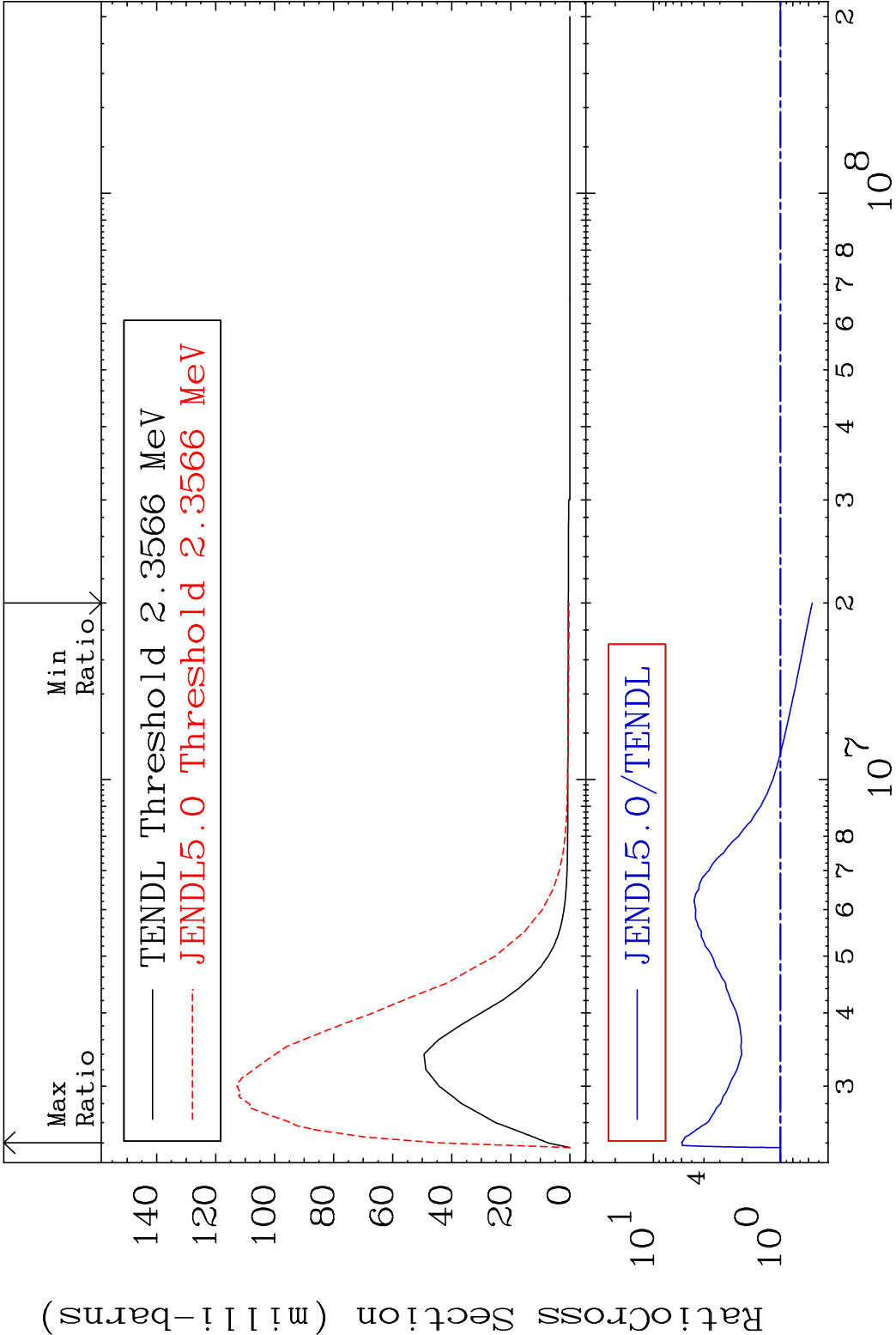




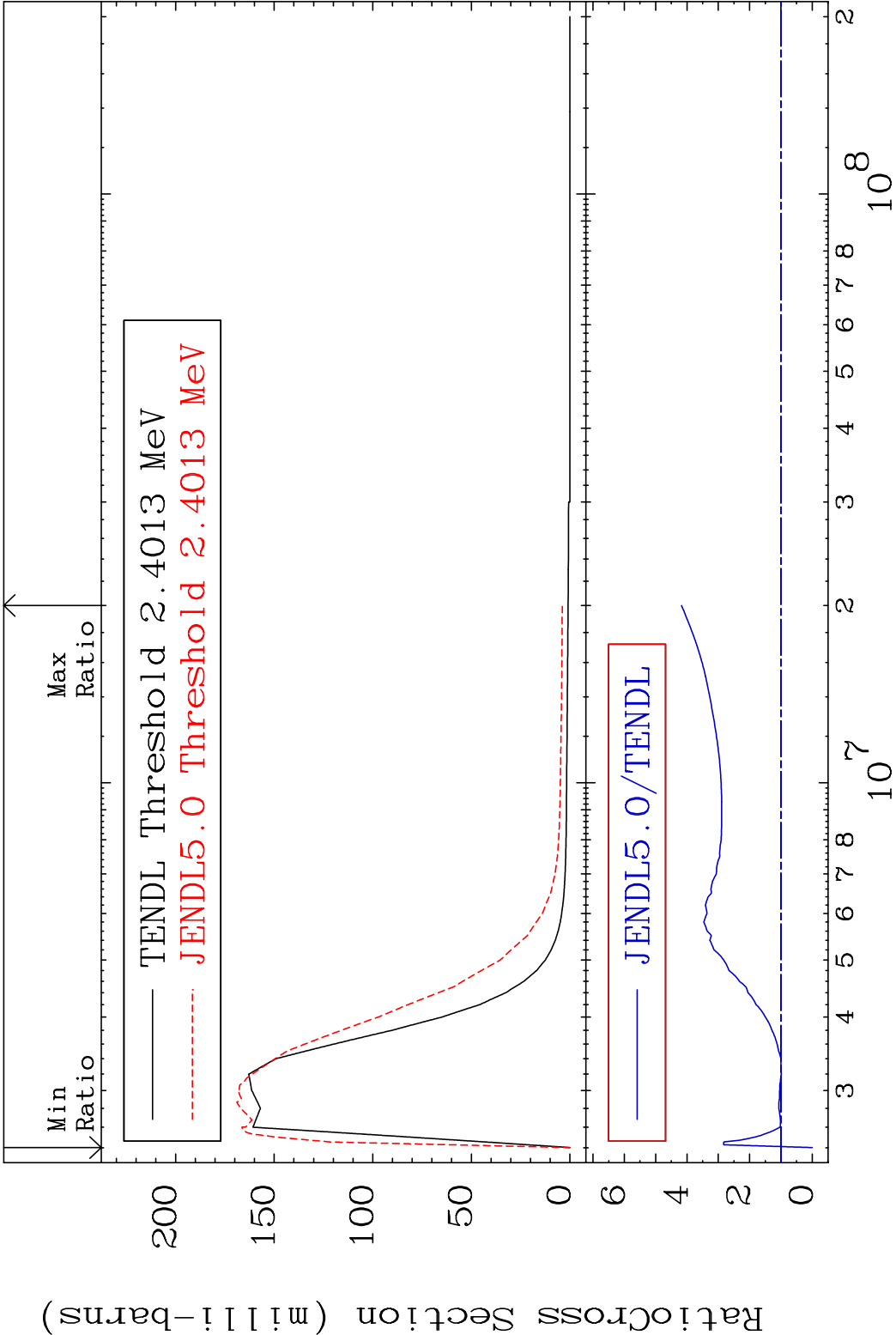
MAT 6025 MT= 56 (n,n') Level 60-Nd-142
Cross Section -52.91 To 281.1 %

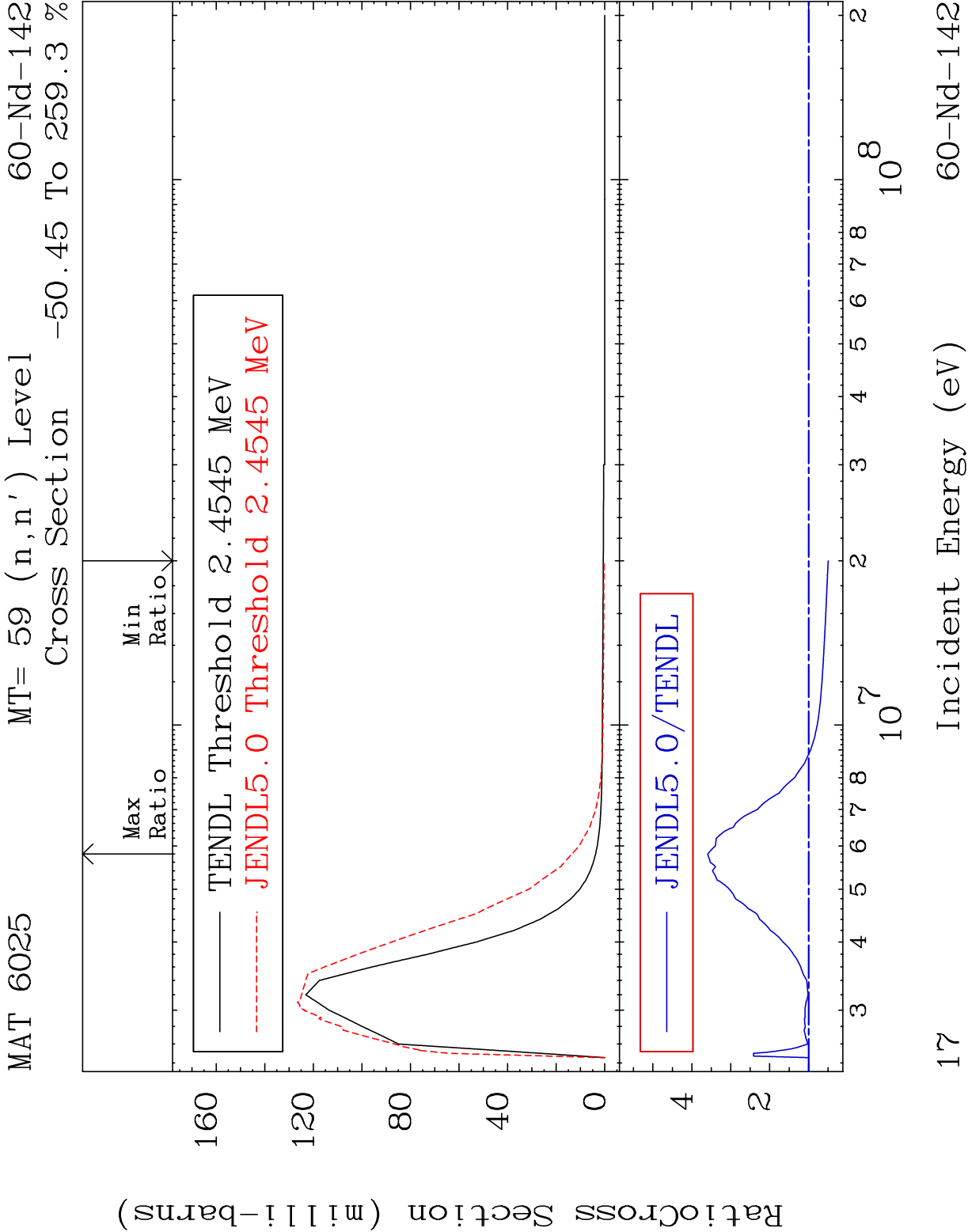


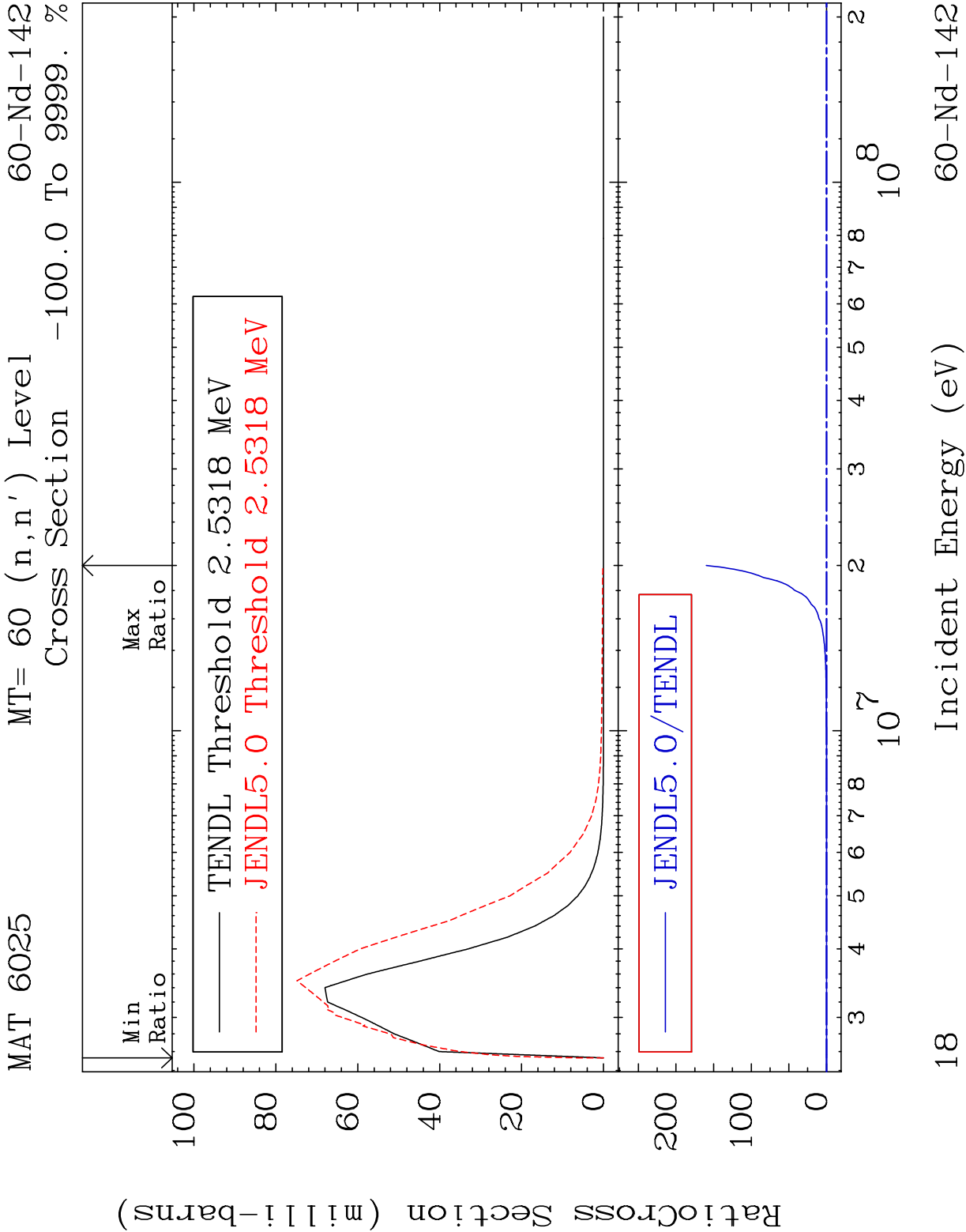
MAT 6025 MT= 57 (n,n') Level 60-Nd-142
Cross Section -43.71 To 500.3 %

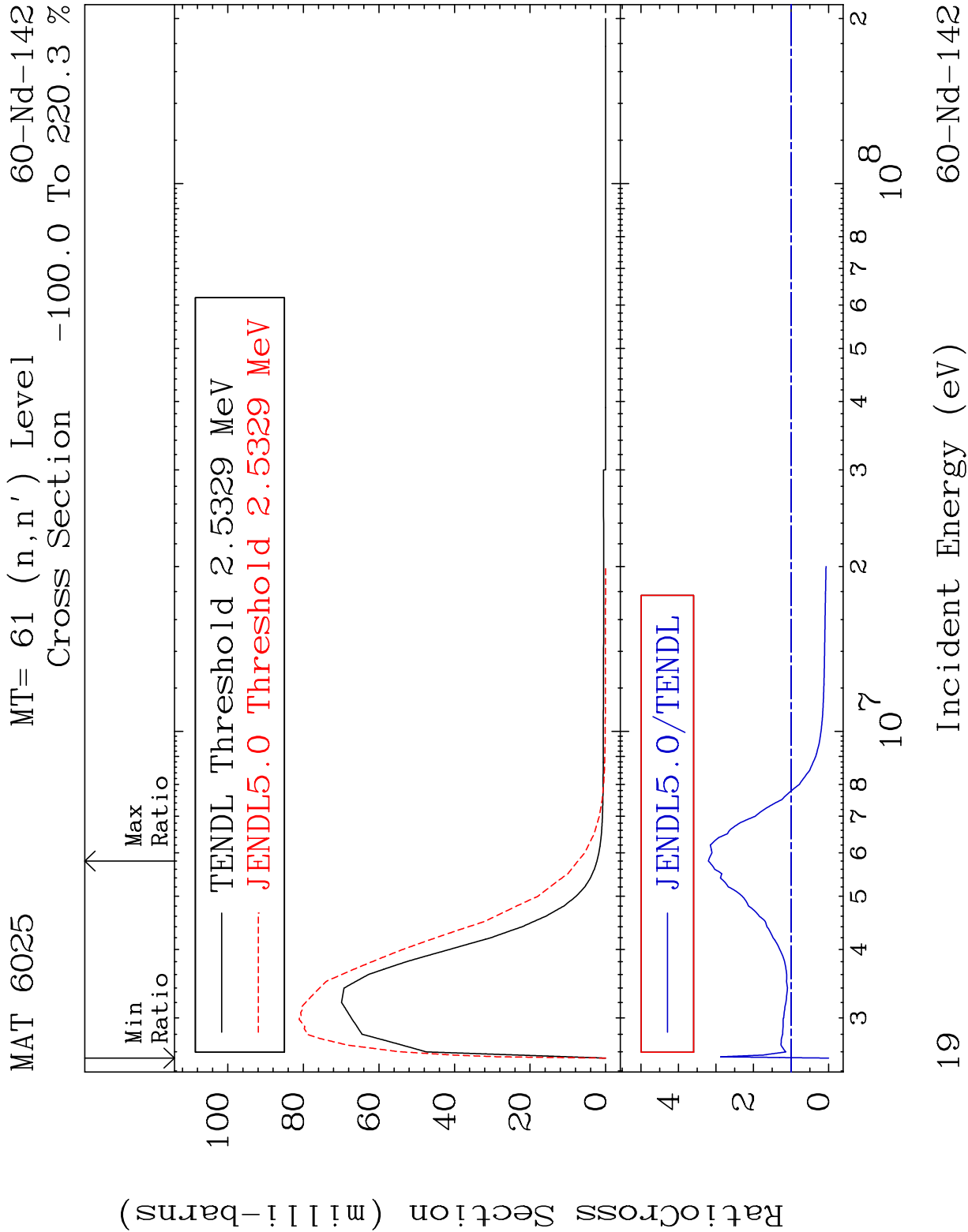


MAT 6025 MT= 58 (n,n') Level 60-Nd-142
Cross Section -100.0 To 317.4 %

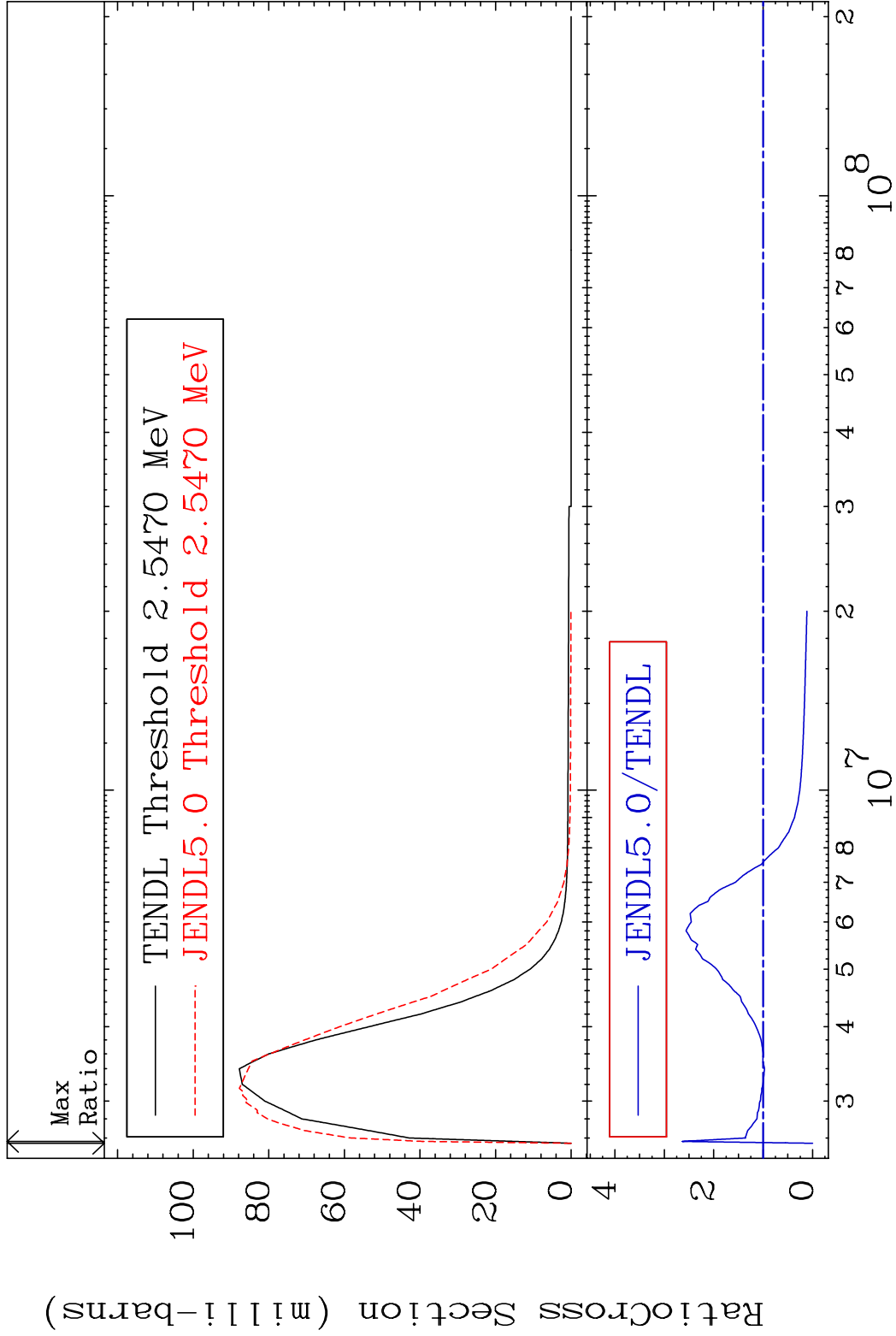


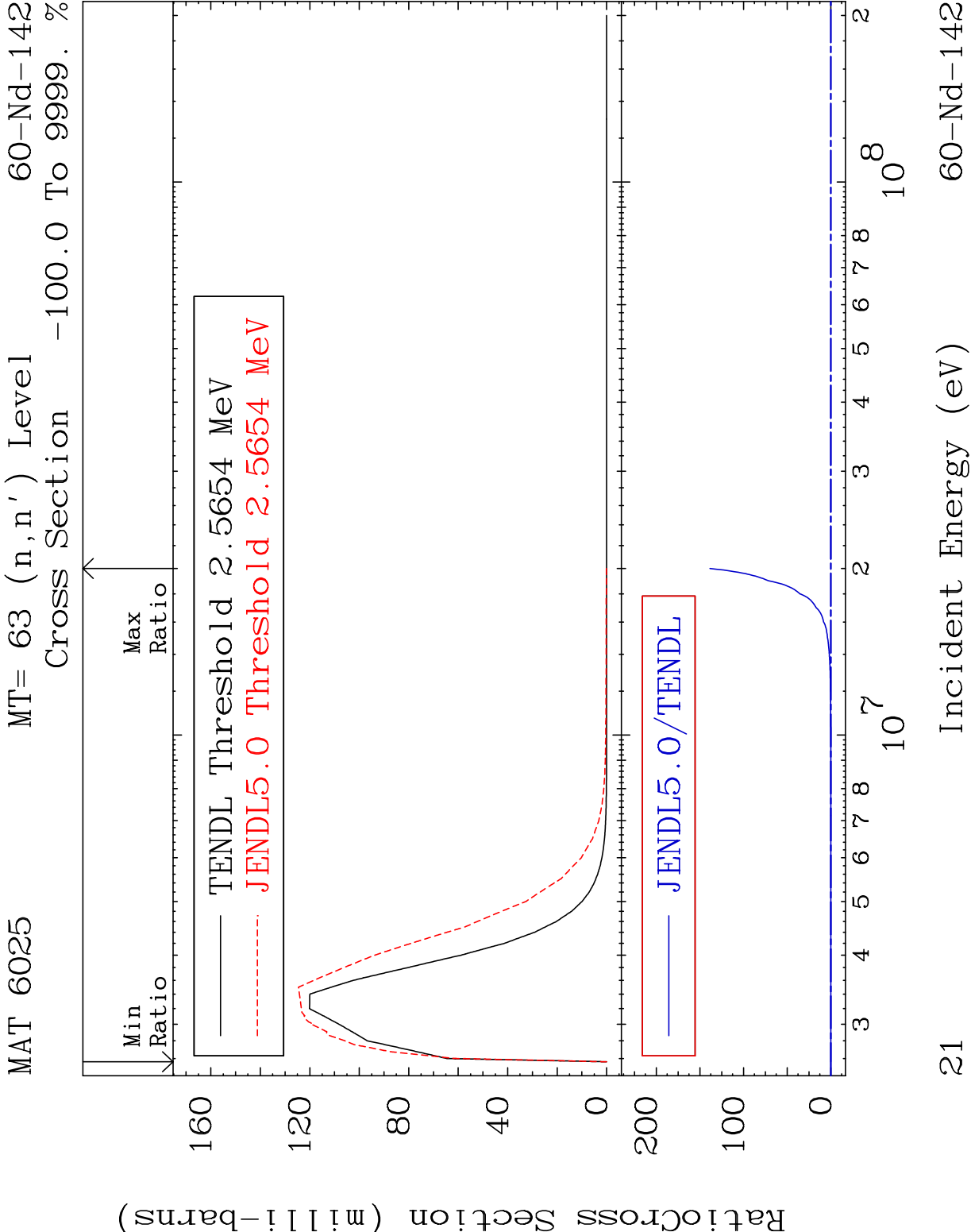


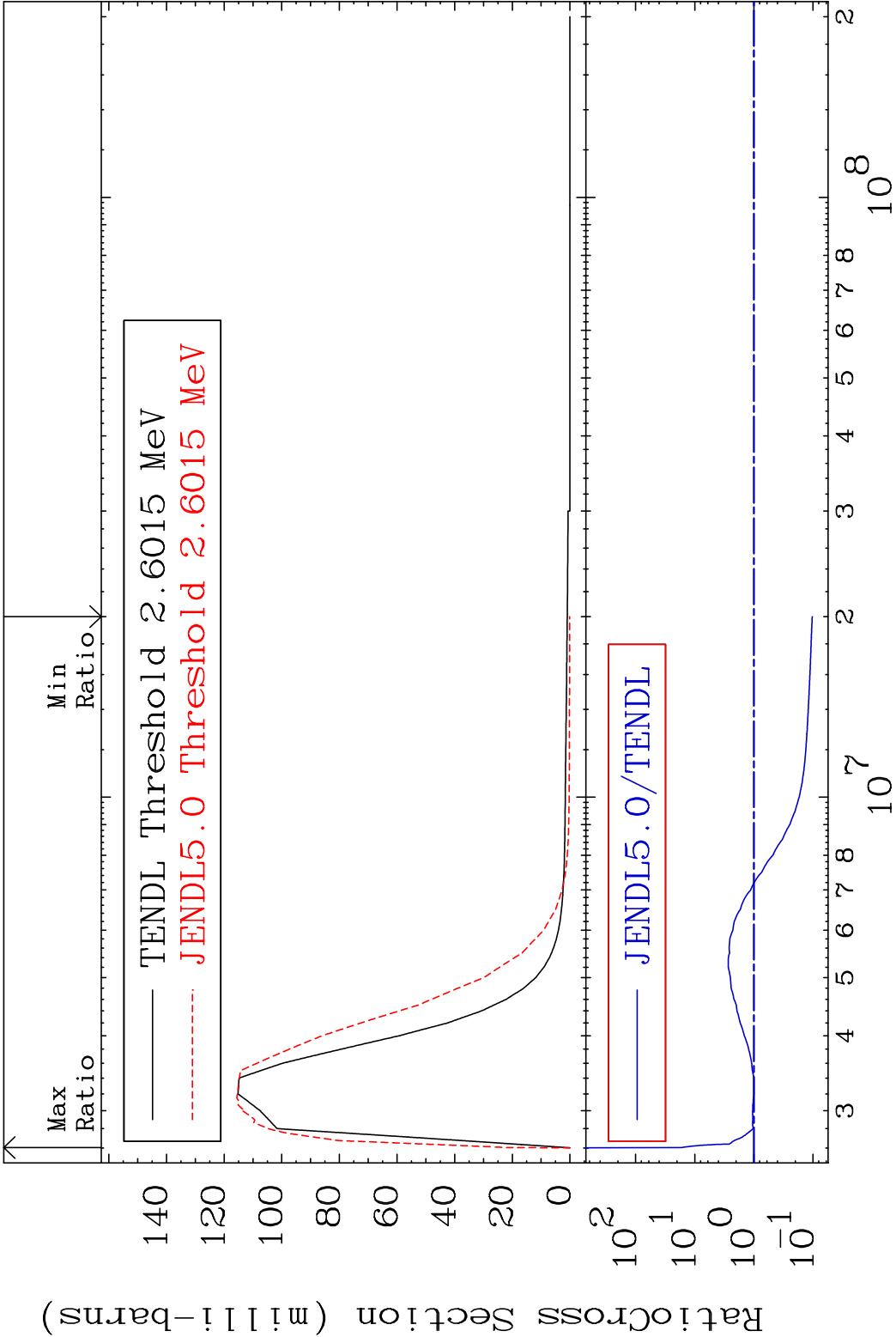


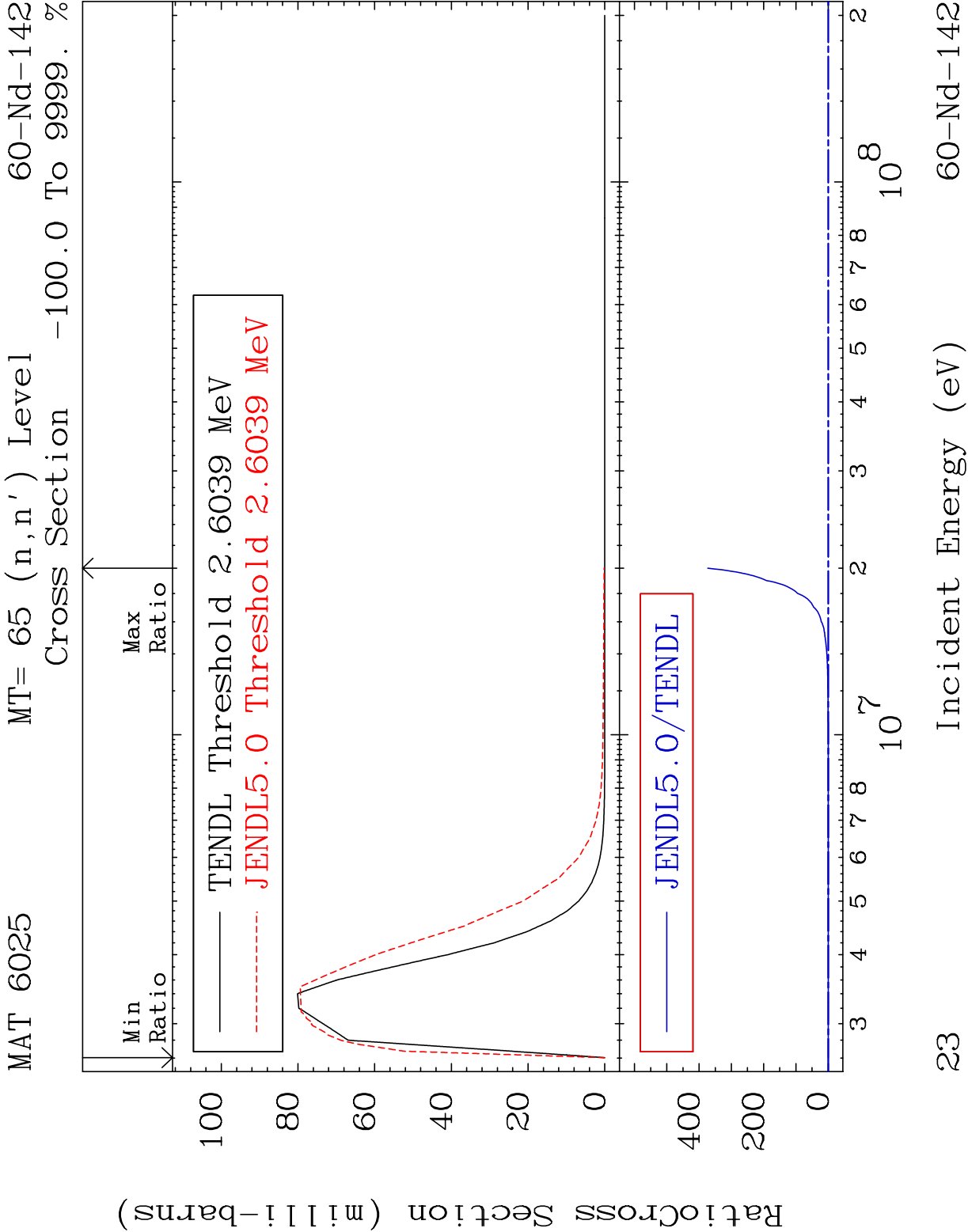


MAT 6025 MT= 62 (n,n') Level 60-Nd-142
Cross Section -100.0 To 163.5 %

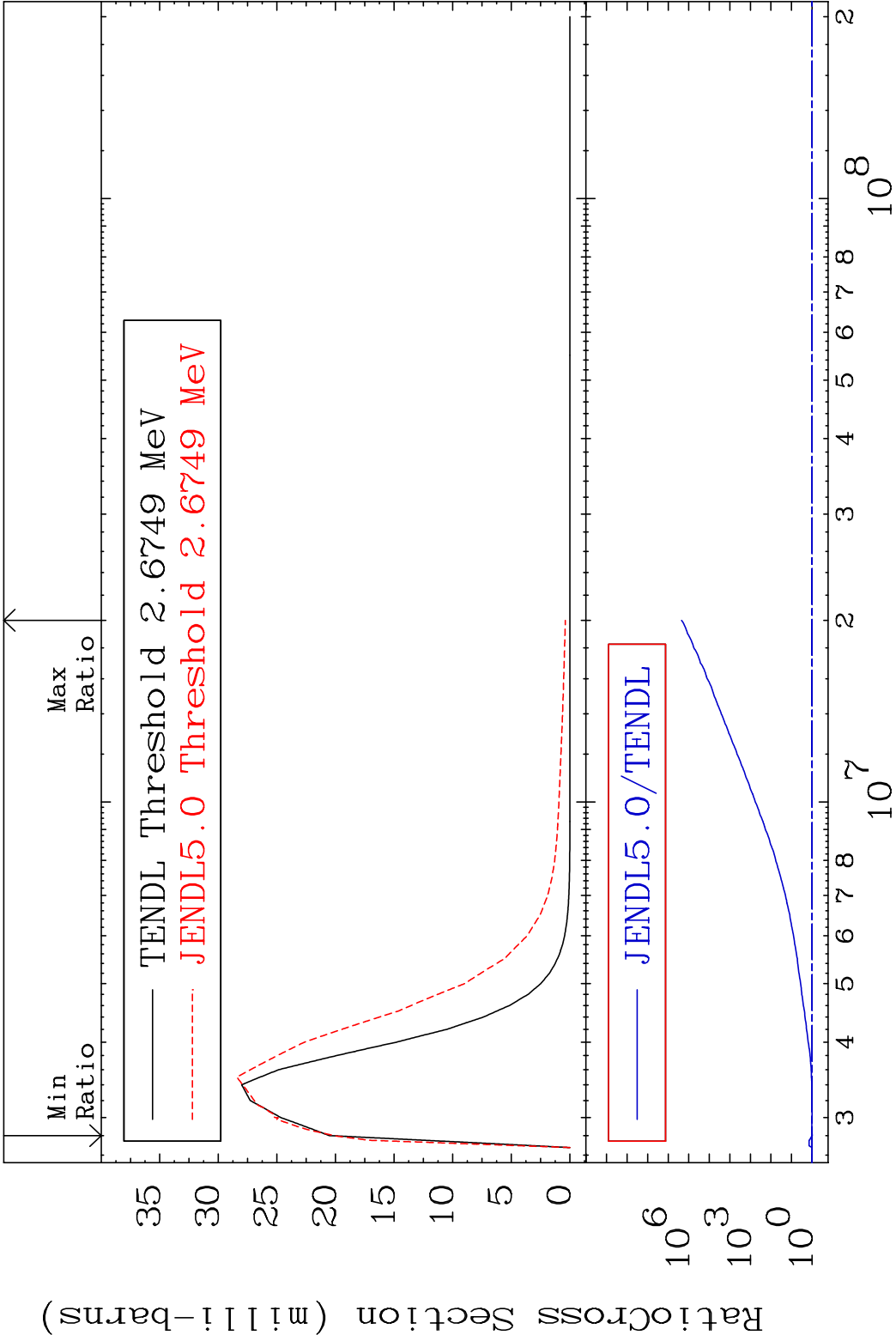




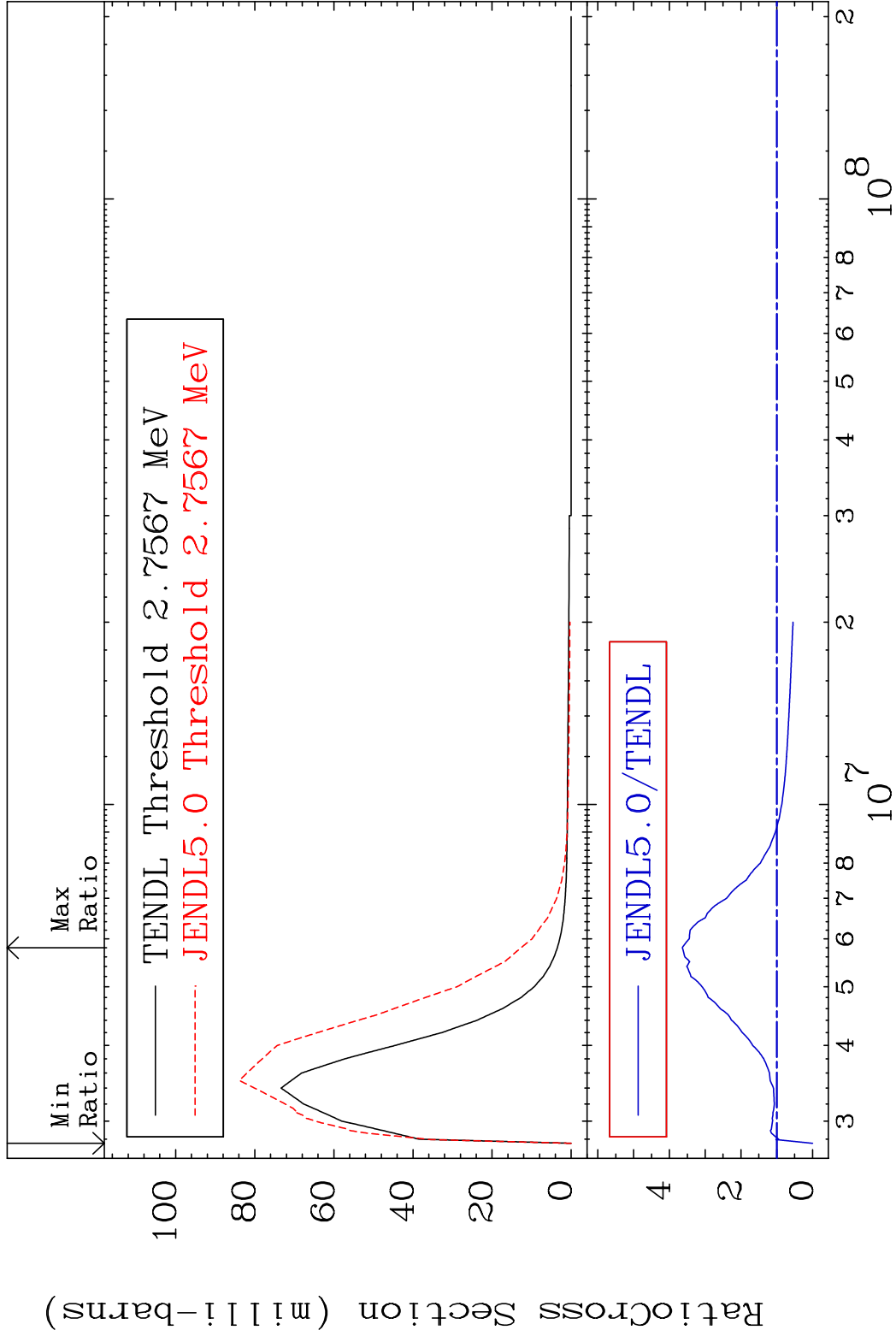




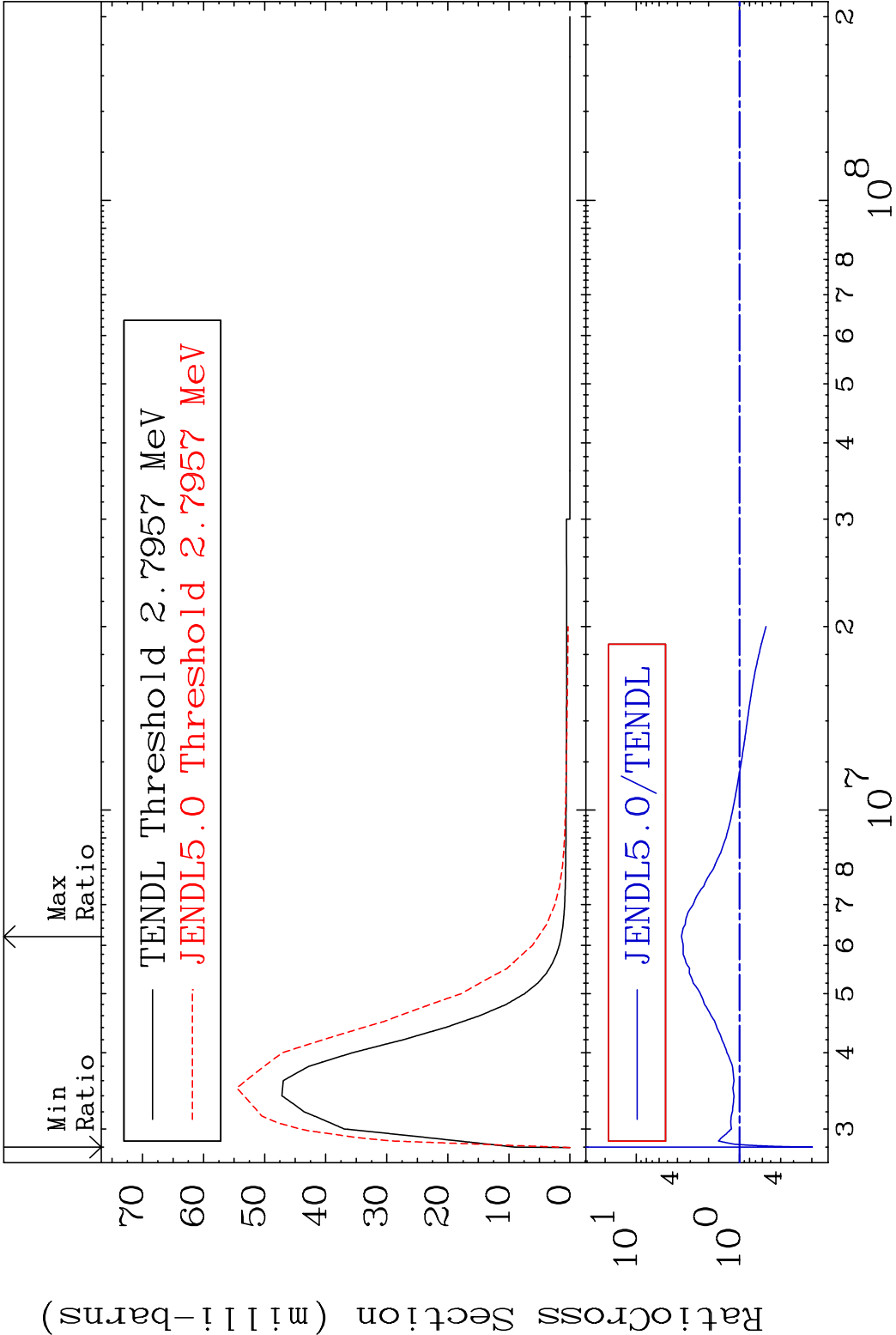
MAT 6025 MT= 66 (n,n') Level 60-Nd-142
Cross Section -2.023 To 9999. %

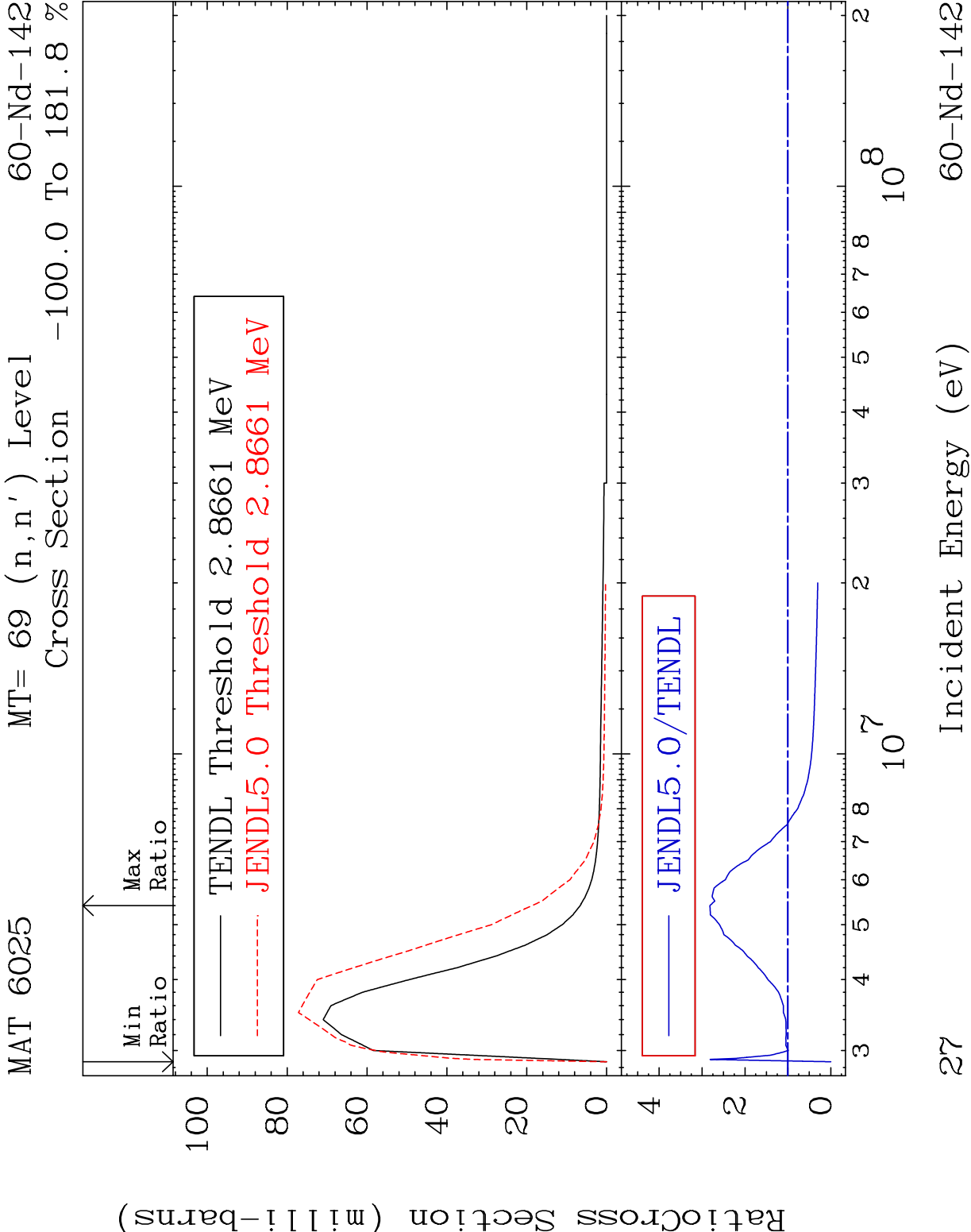


MAT 6025 MT= 67 (n,n') Level 60-Nd-142
Cross Section -100.0 To 263.8 %

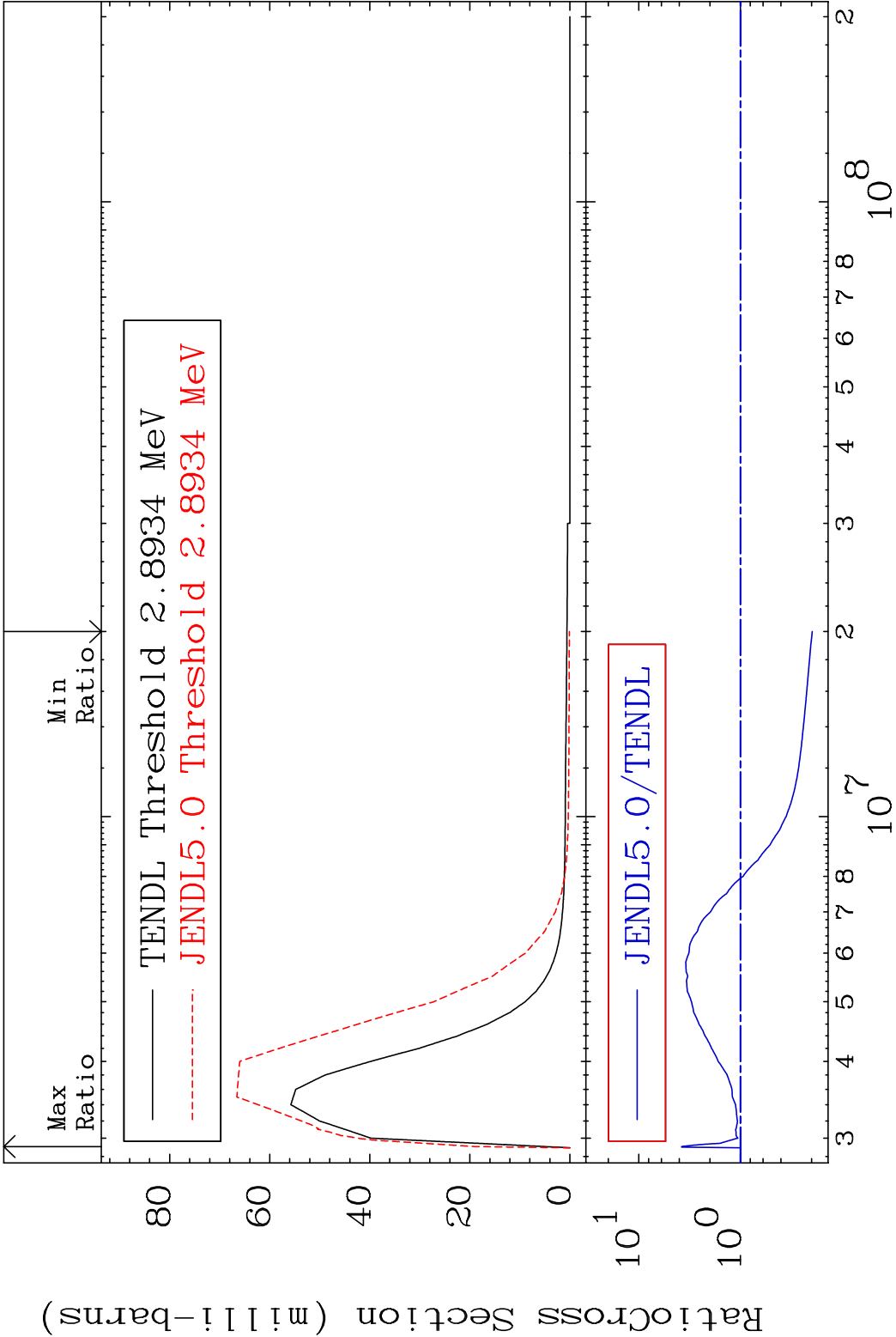


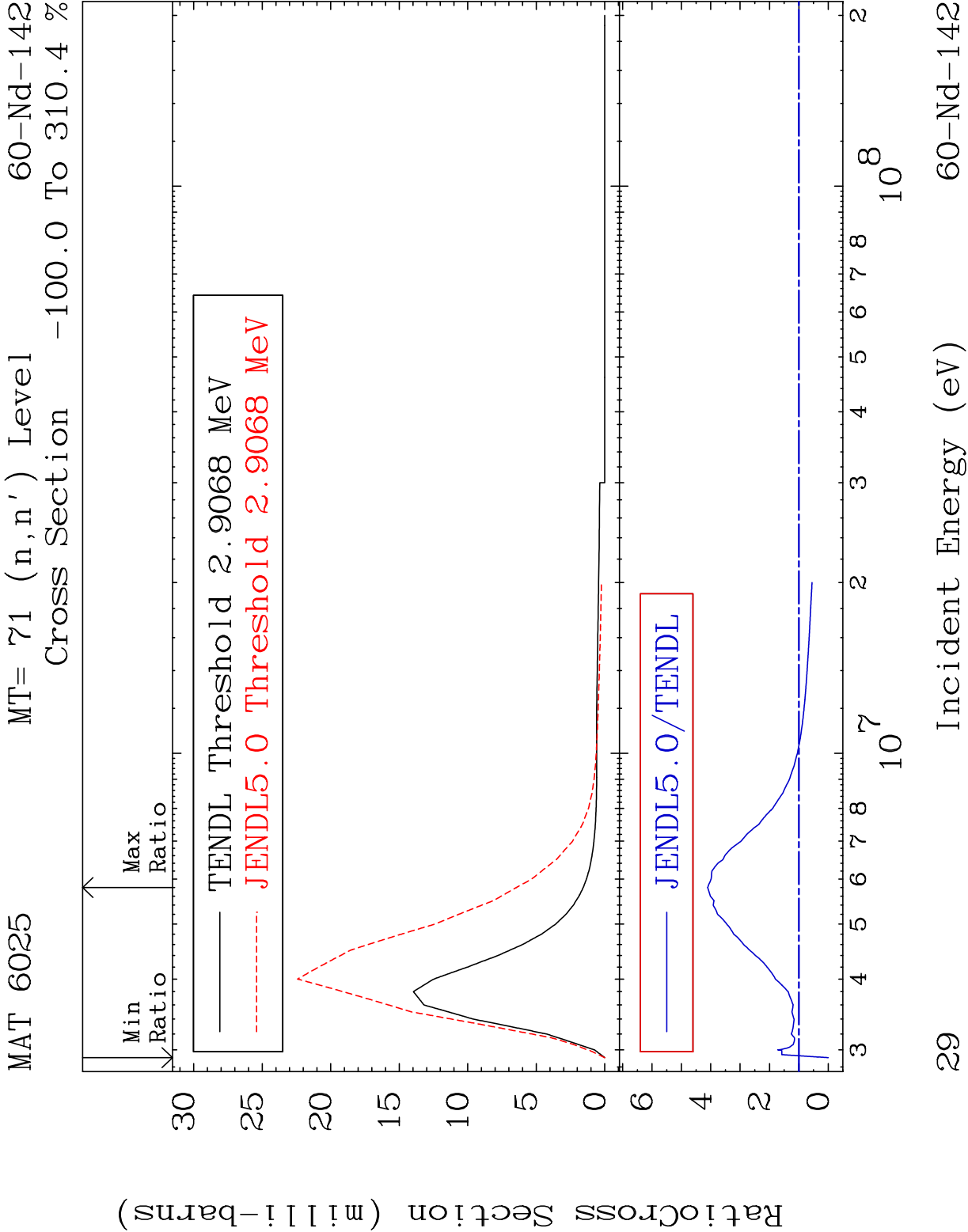
25 Incident Energy (eV) 60-Nd-142

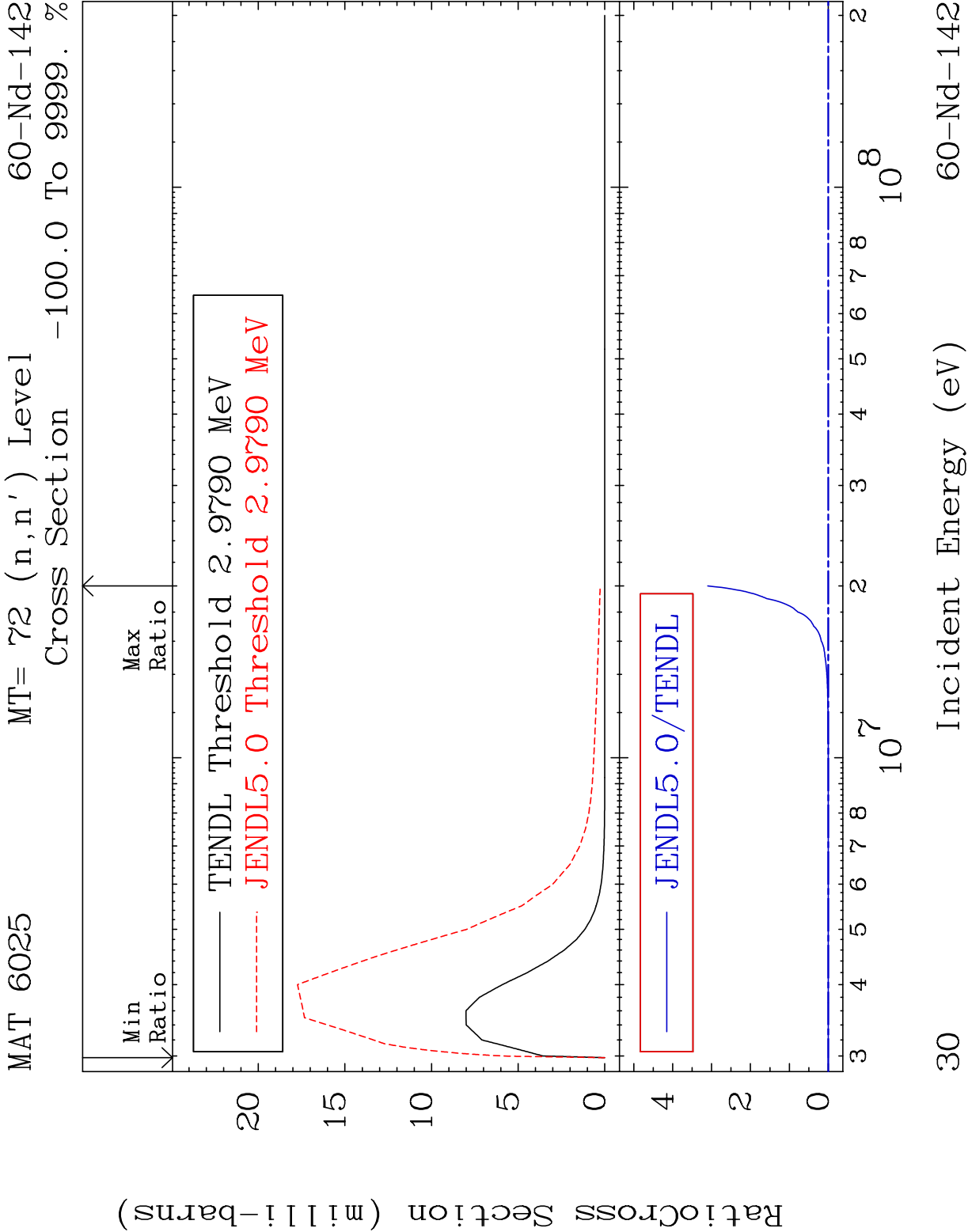


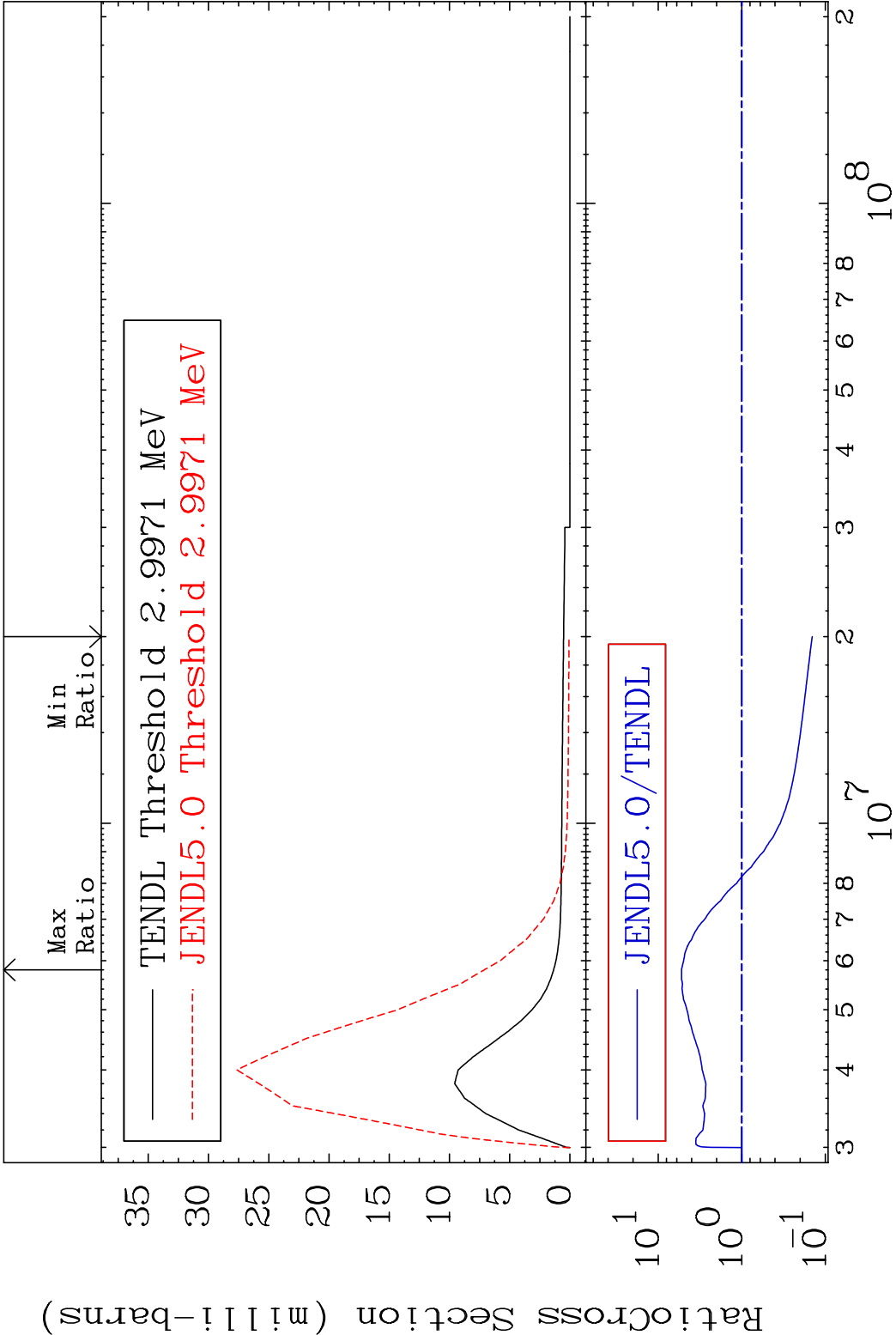


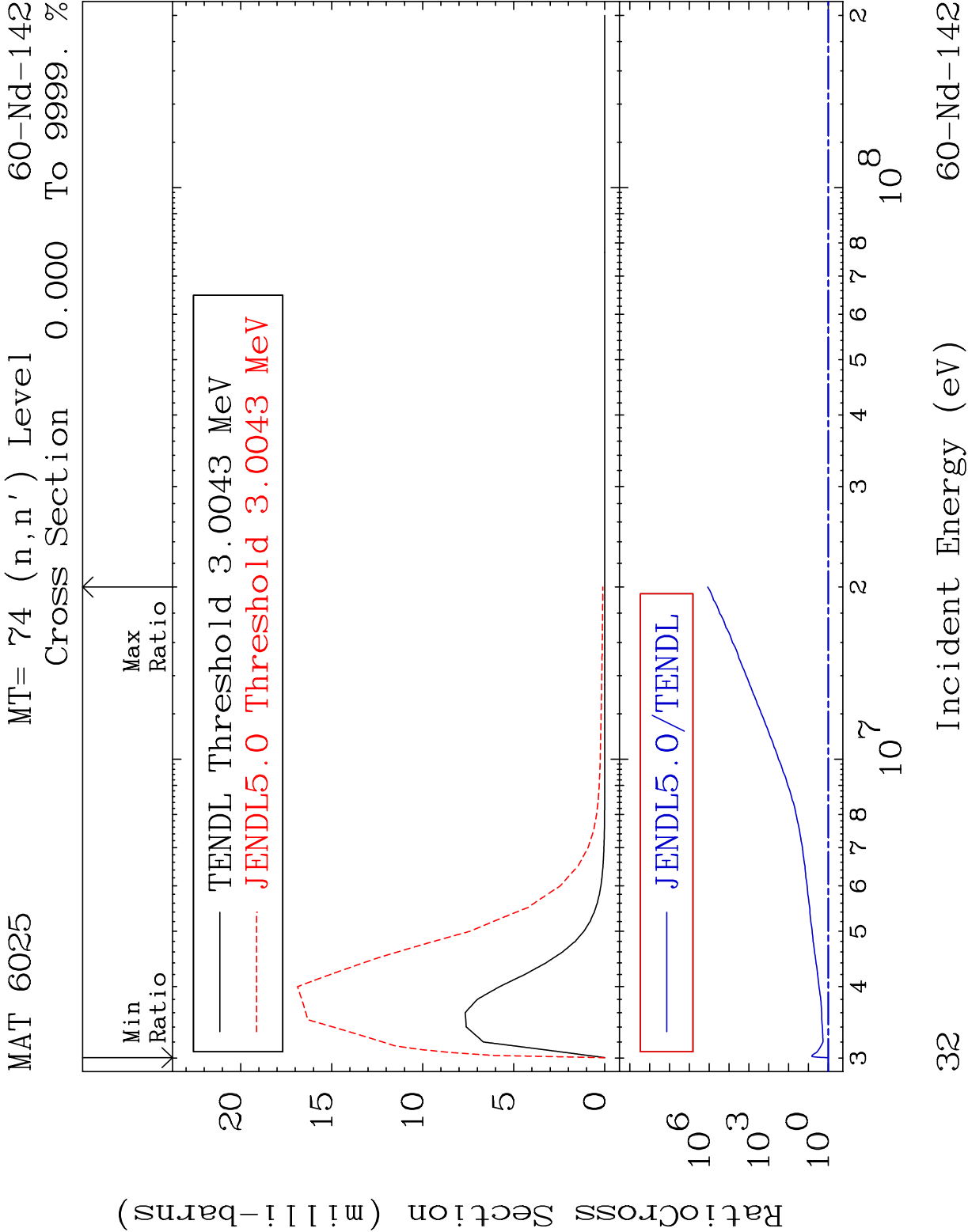
MAT 6025 MT= 70 (n,n') Level 60-Nd-142
Cross Section -80.31 To 280.3 %











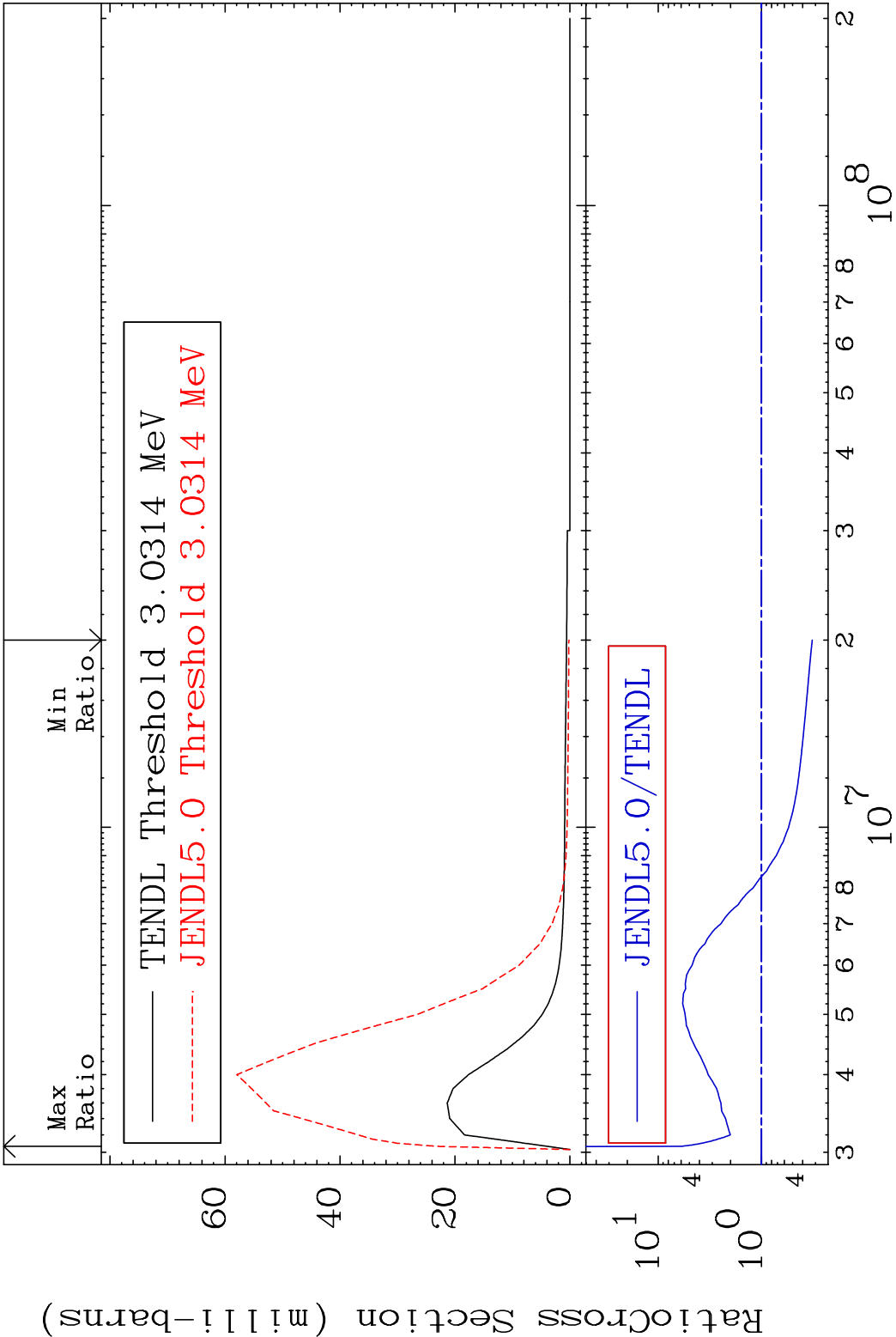
MAT 6025

MT= 75 (n,n') Level

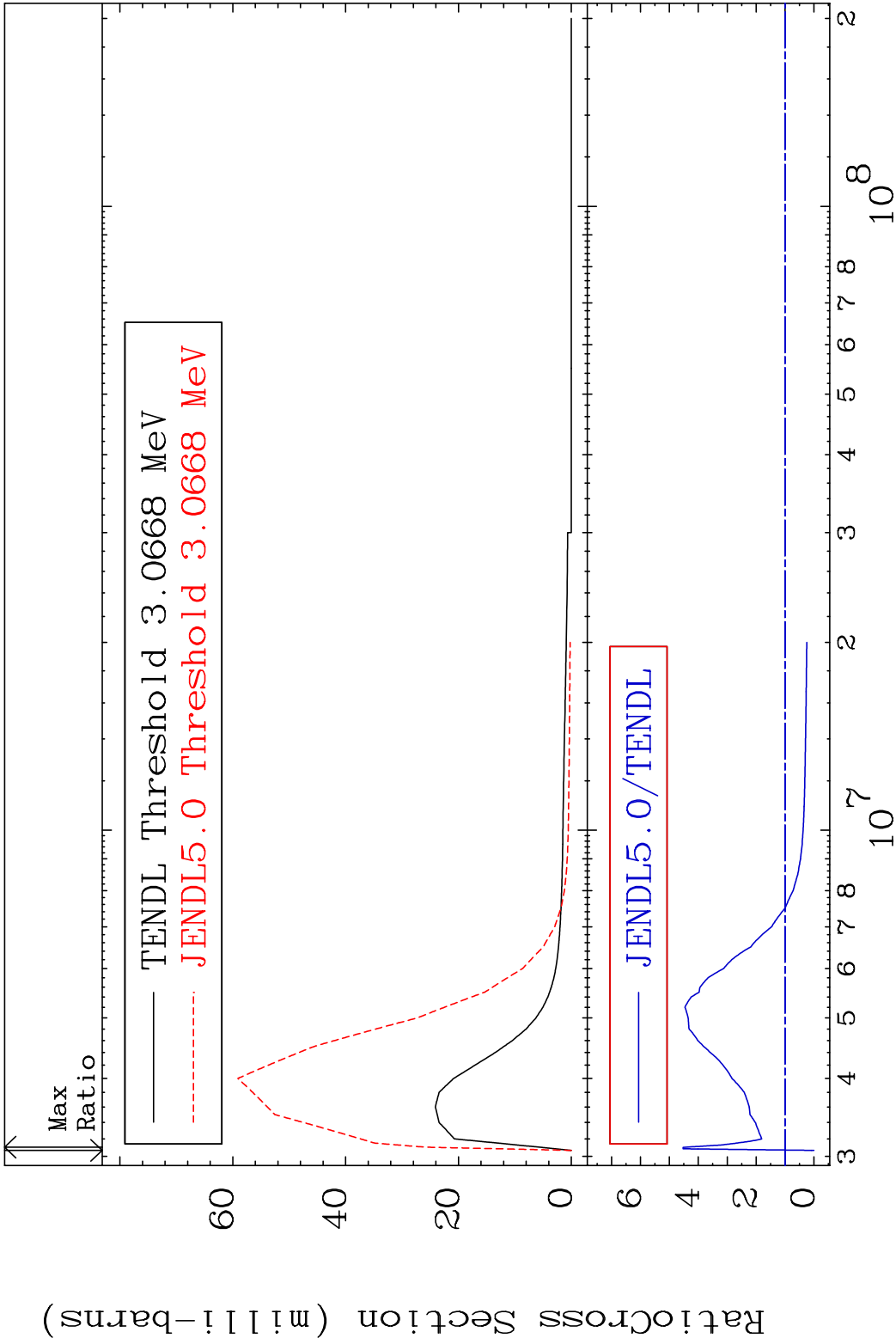
60-Nd-142

Cross Section

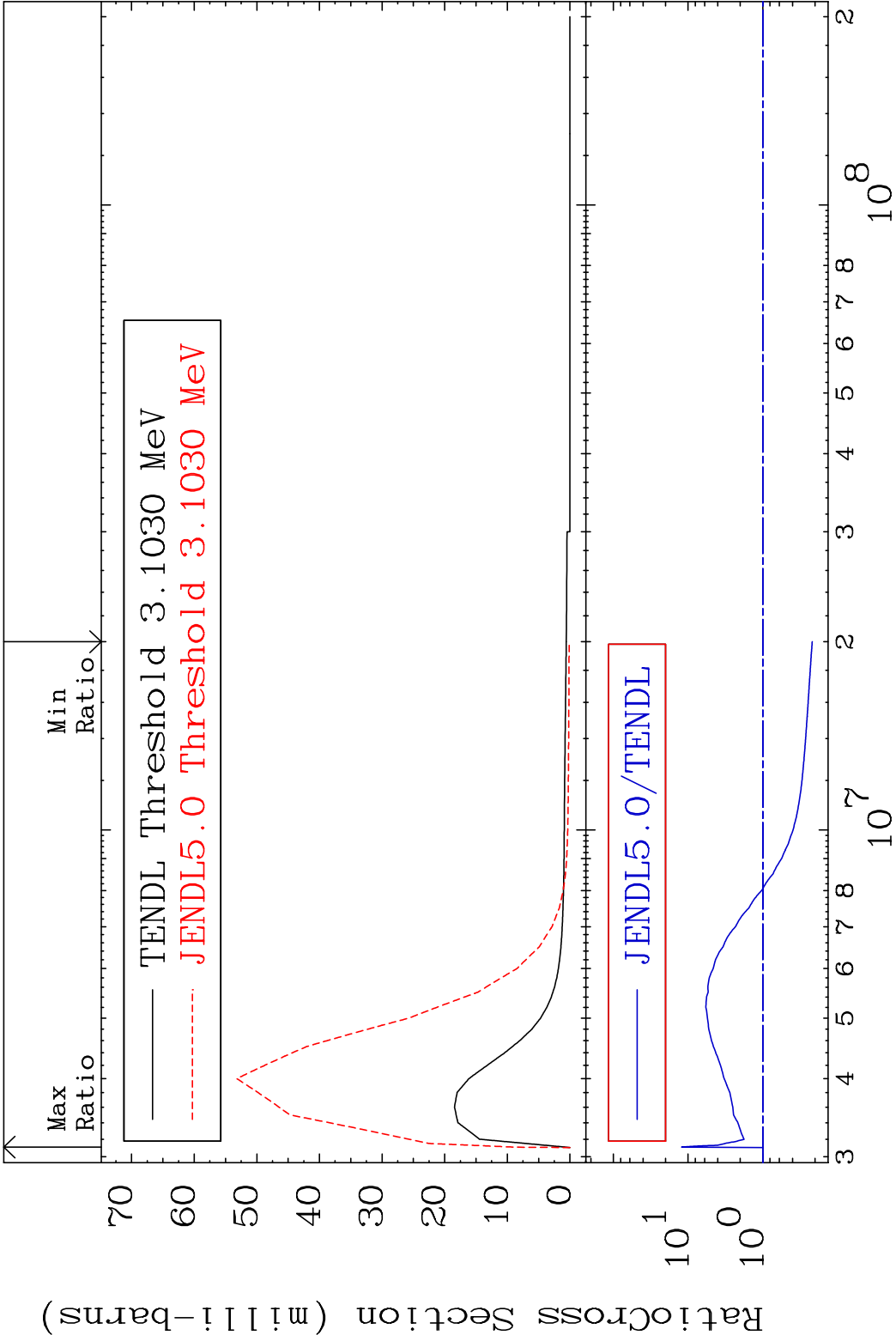
-67.76 To 495.8 %



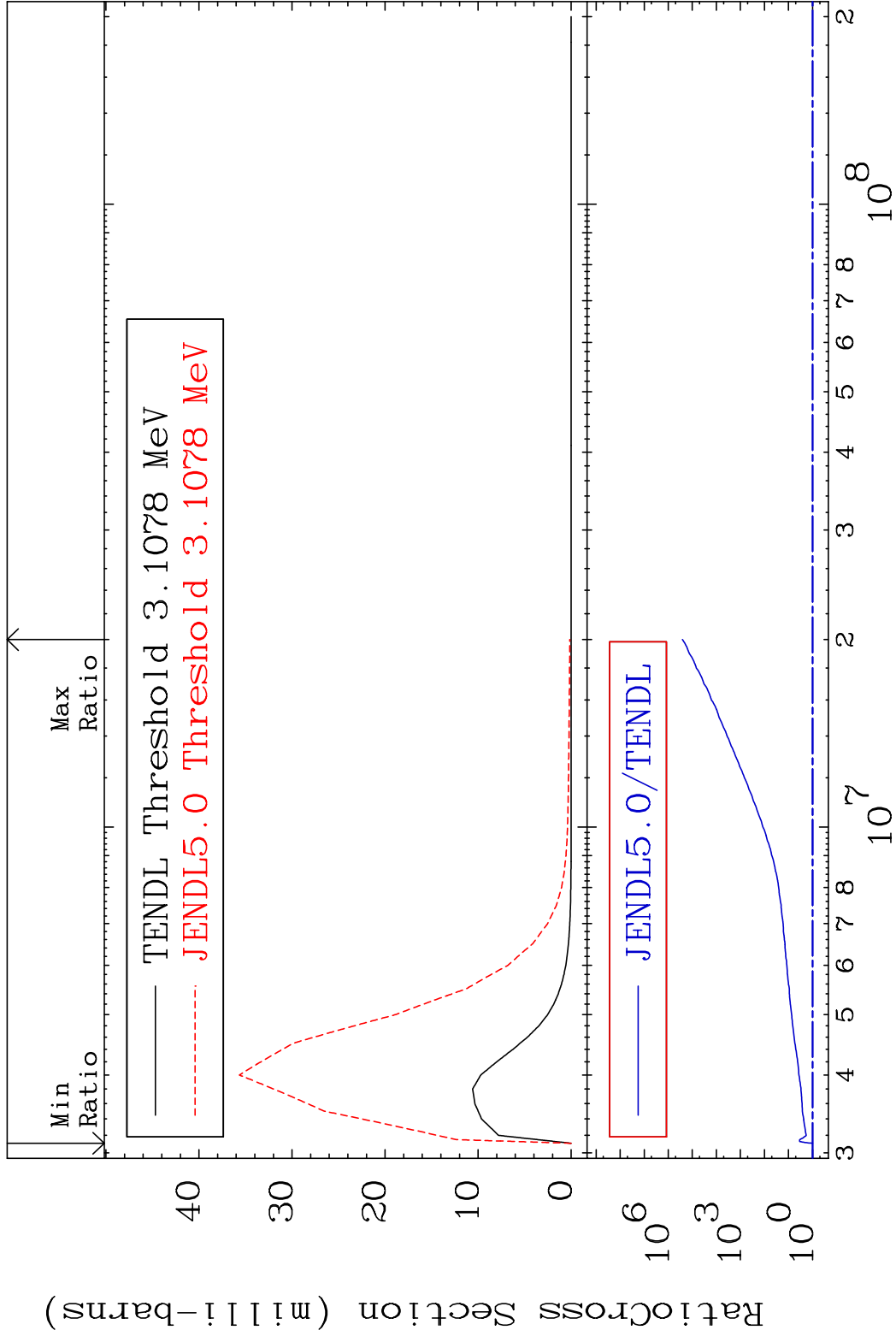
MAT 6025 MT= 76 (n,n') Level 60-Nd-142
Cross Section -100.0 To 352.8 %



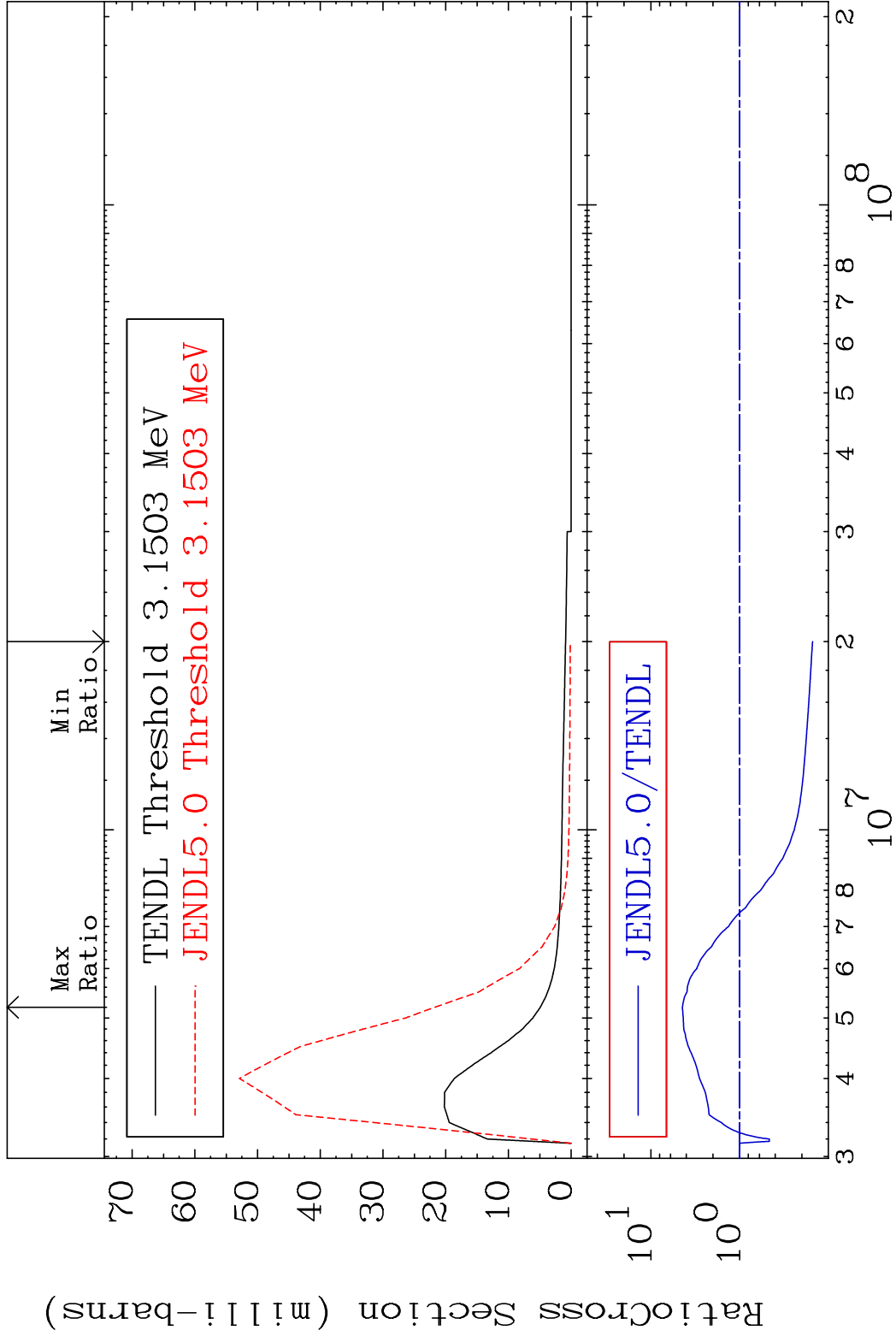
MAT 6025 MT= 77 (n,n') Level 60-Nd-142
Cross Section -78.21 To 1122. %



MAT 6025 MT= 78 (n,n') Level 60-Nd-142
Cross Section 0.000 To 9999. %



MAT 6025 MT= 79 (n,n') Level 60-Nd-142
Cross Section -84.84 To 342.2 %

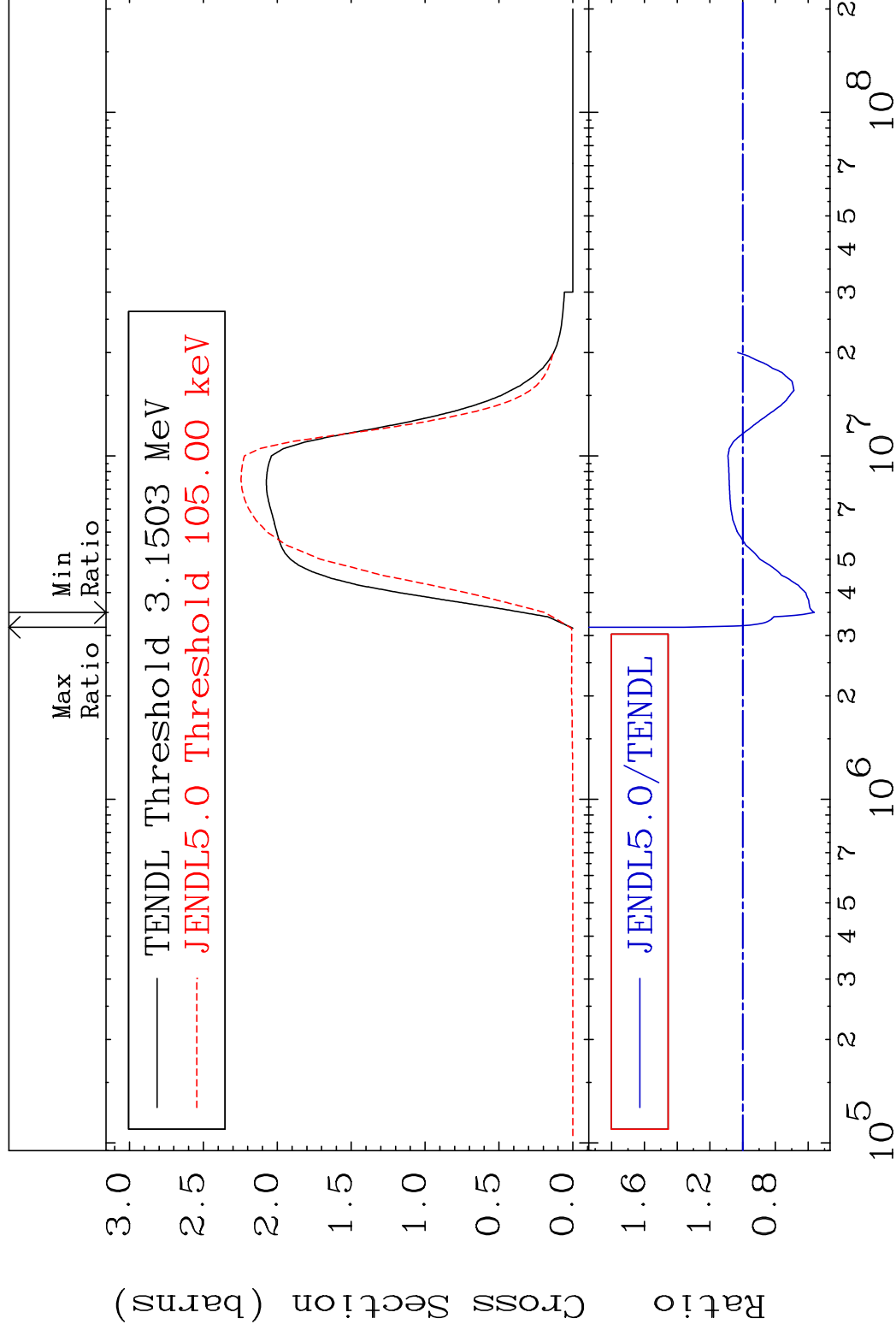


MAT 6025

(n, n') Continuum

60-Nd-142

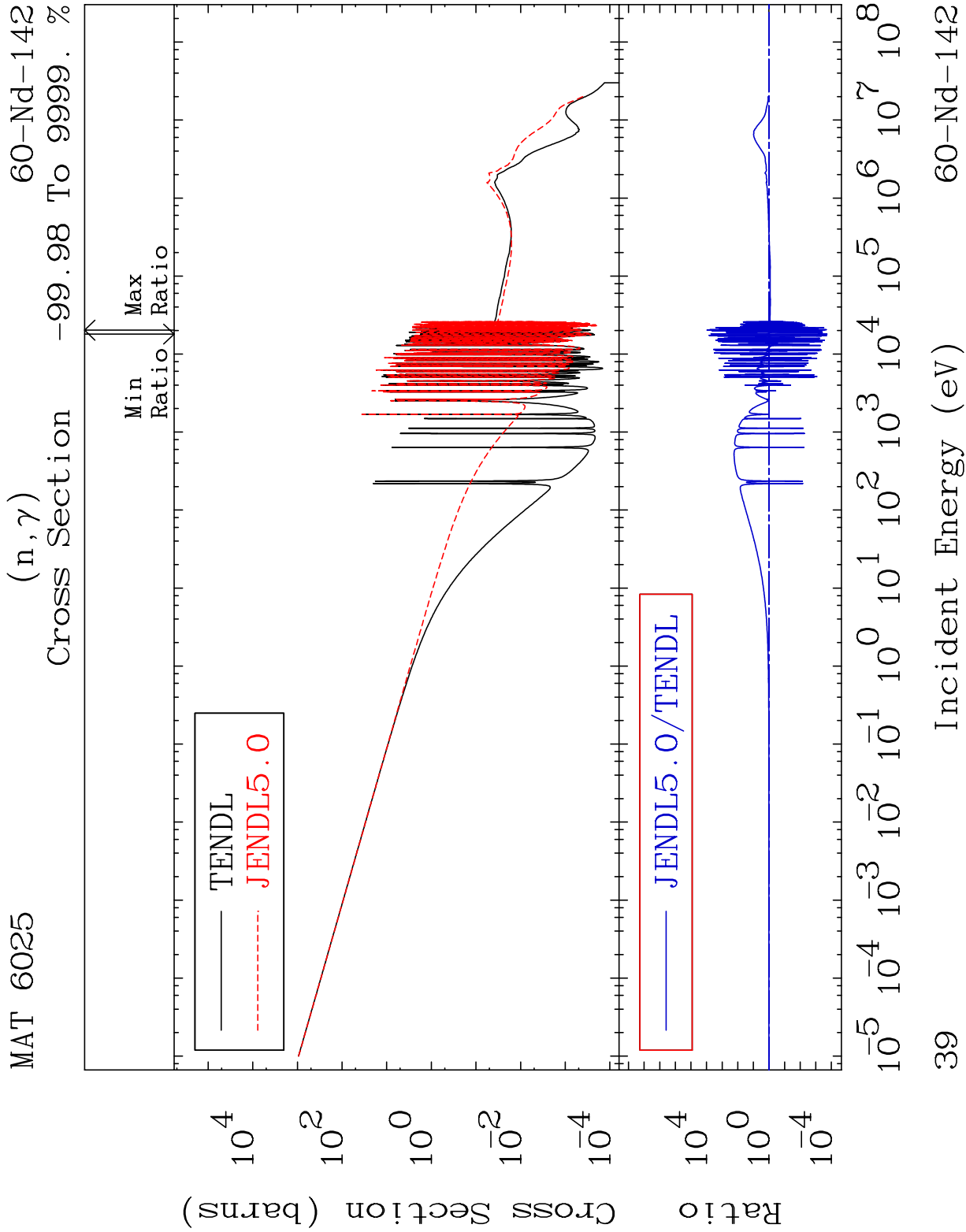
Cross Section -43.72 To 35.78 %

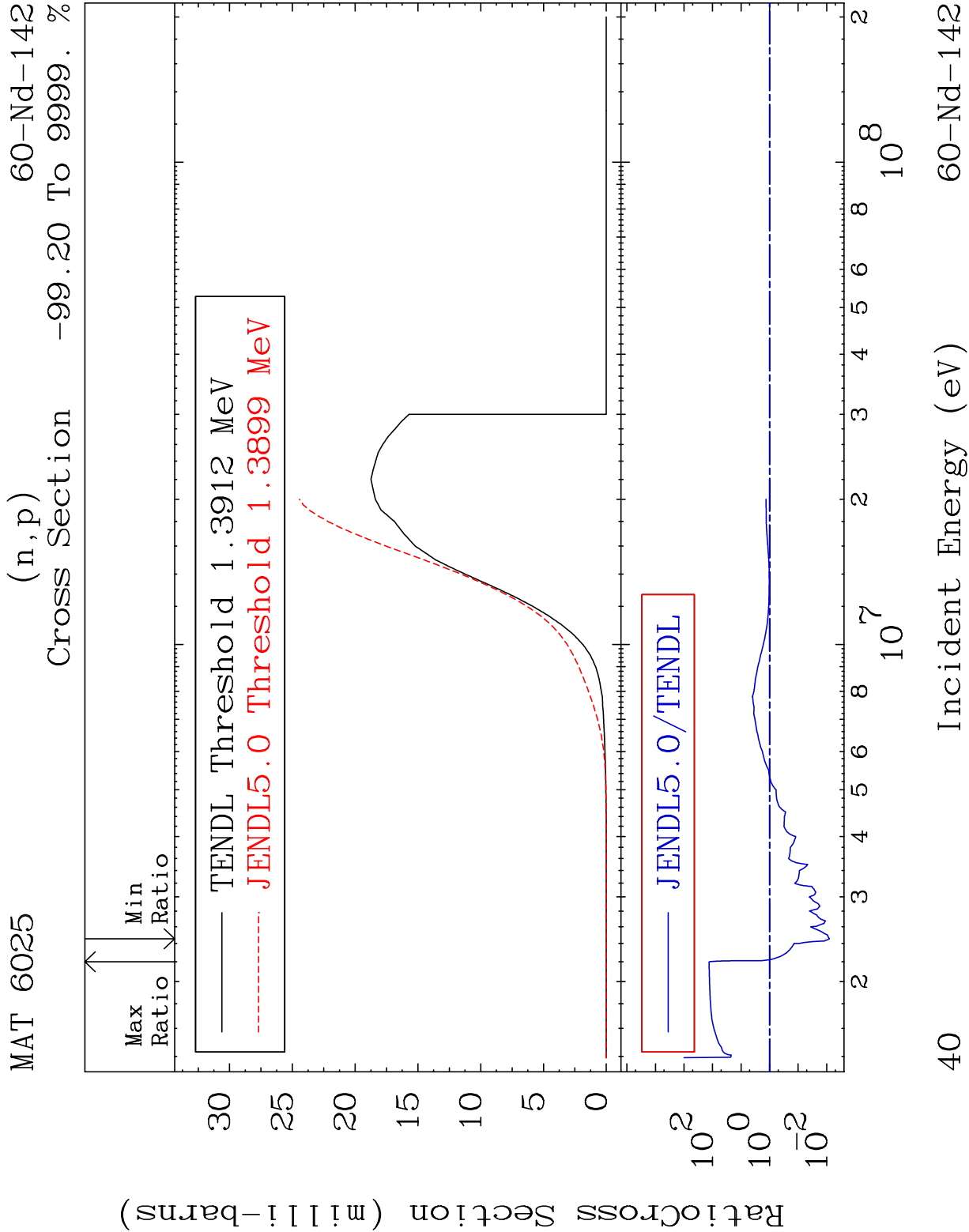


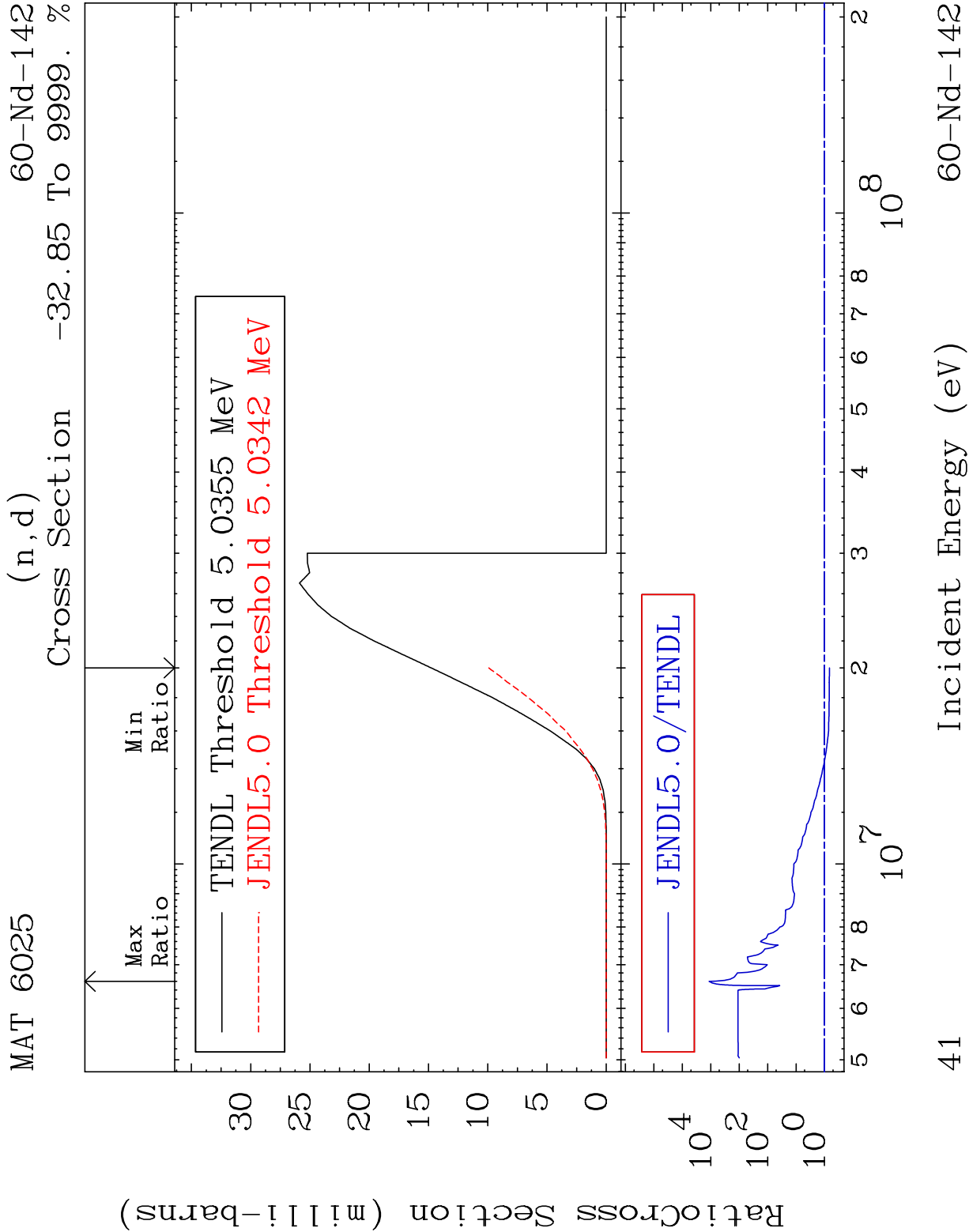
33

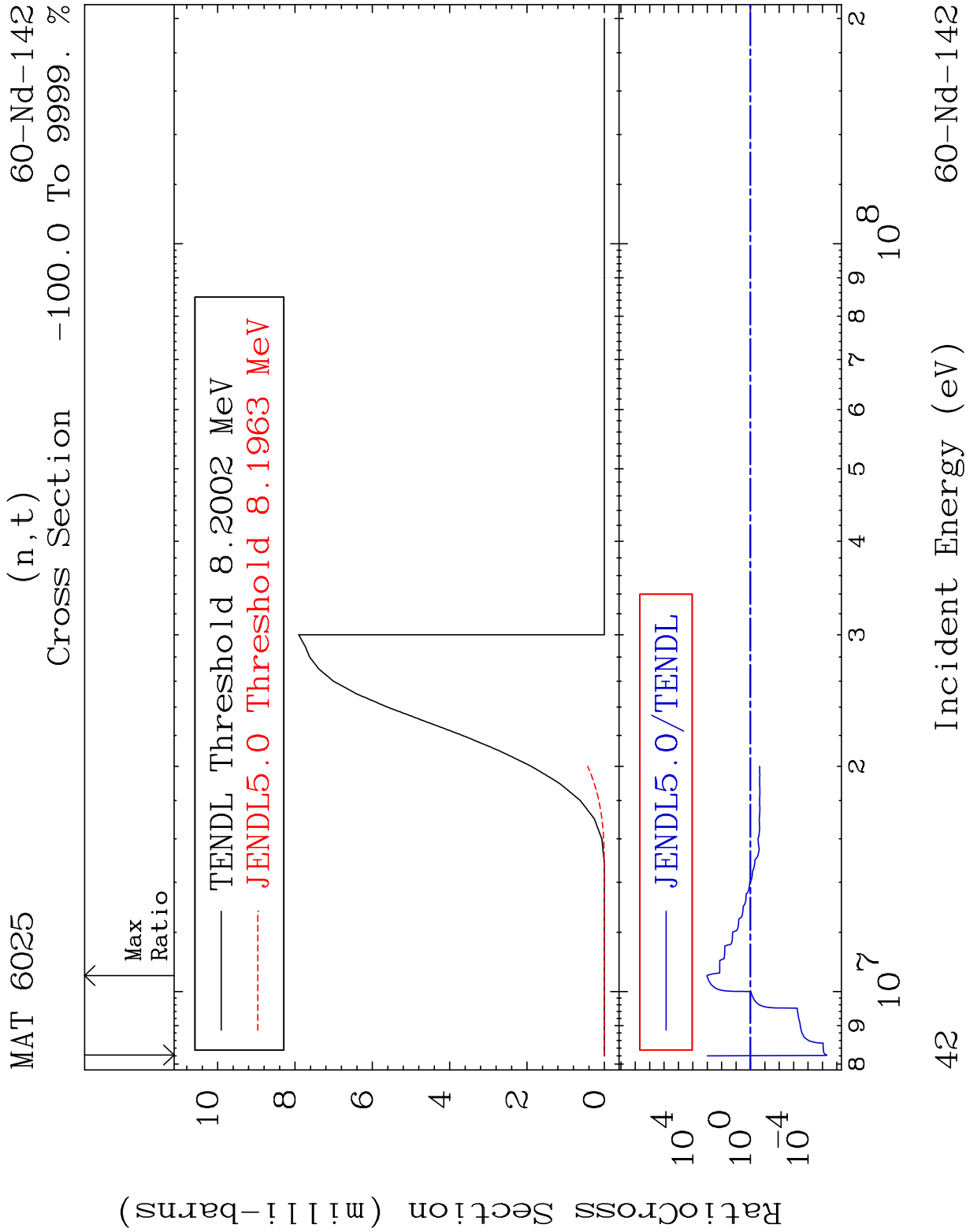
Incident Energy (eV)

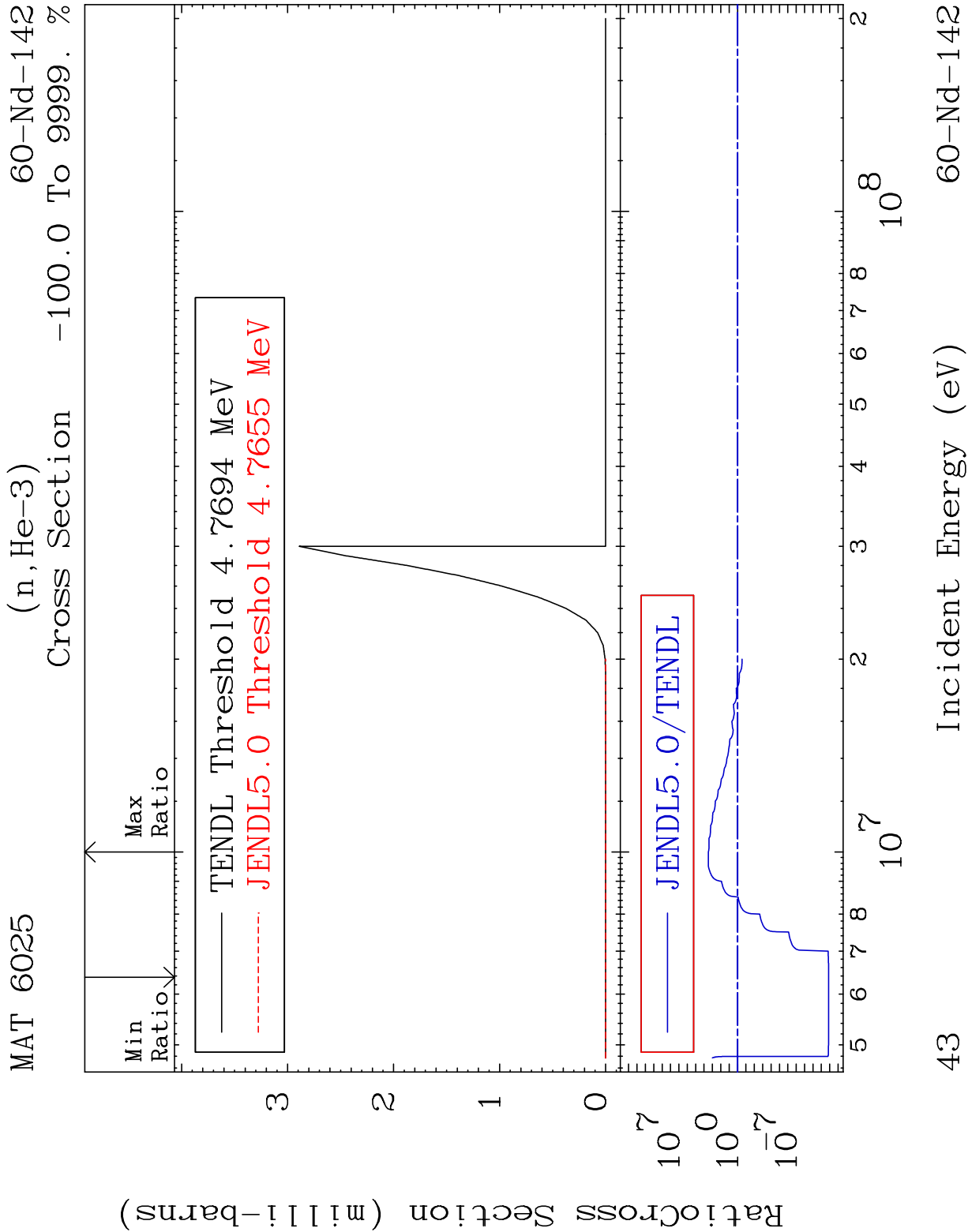
60-Nd-142

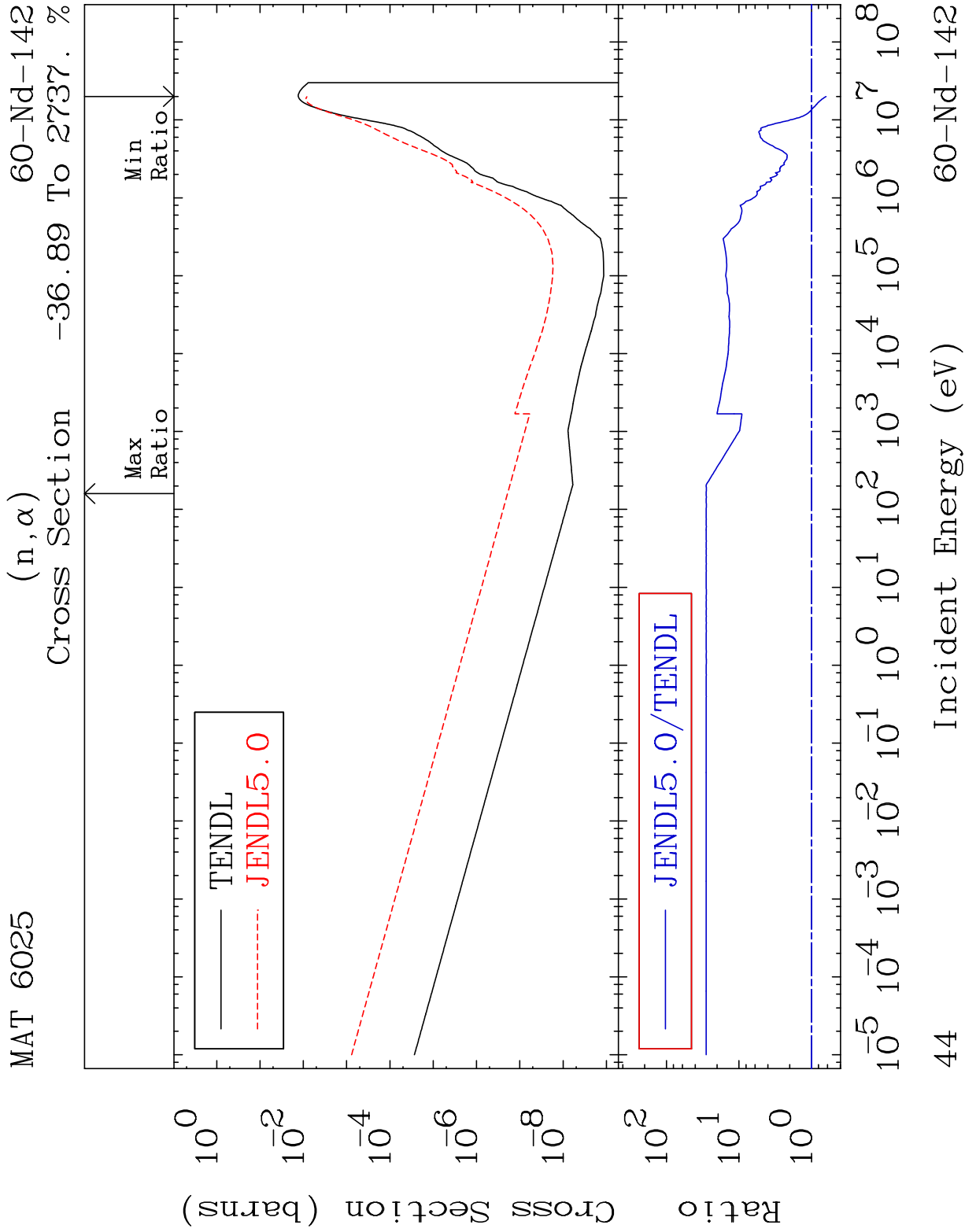


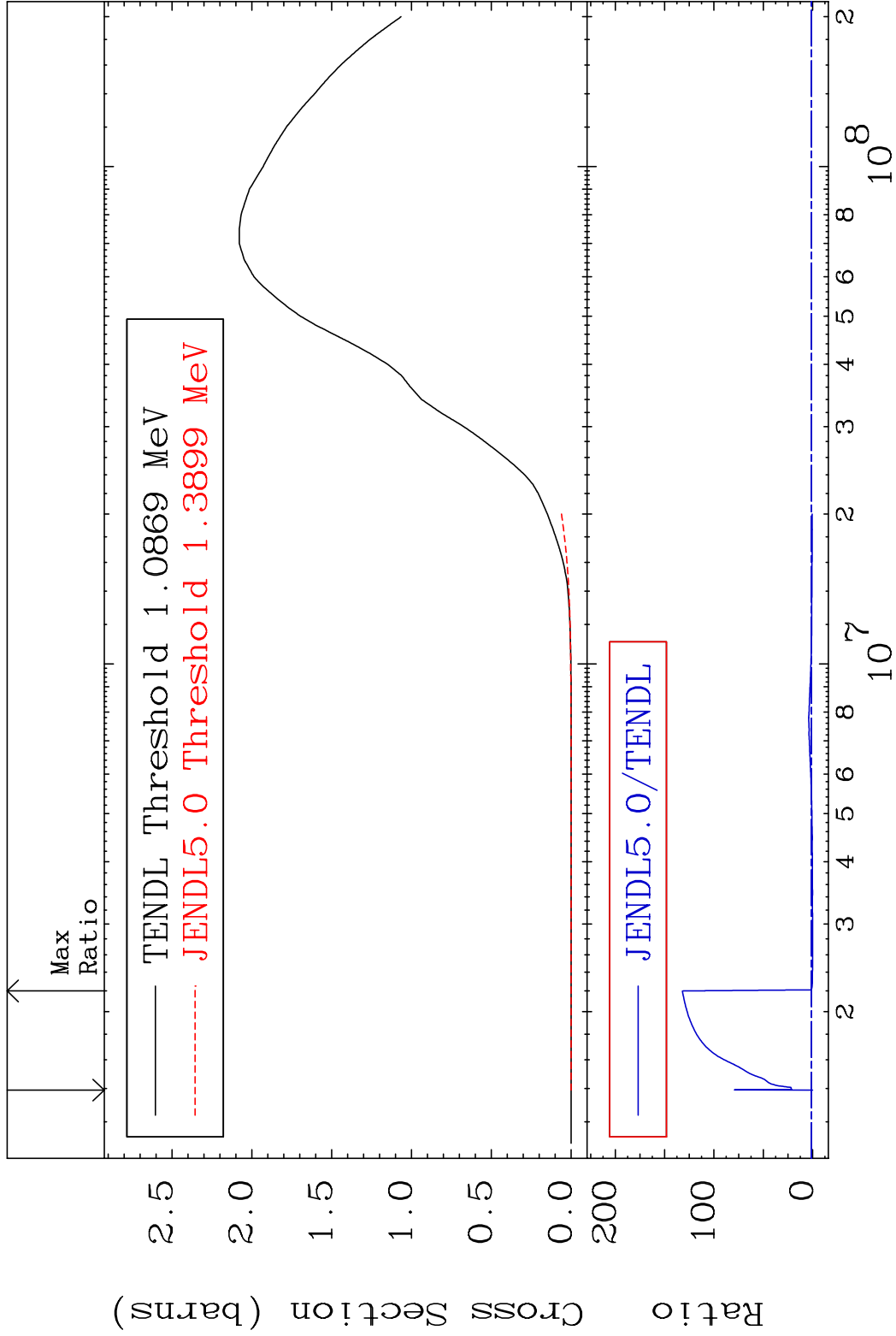


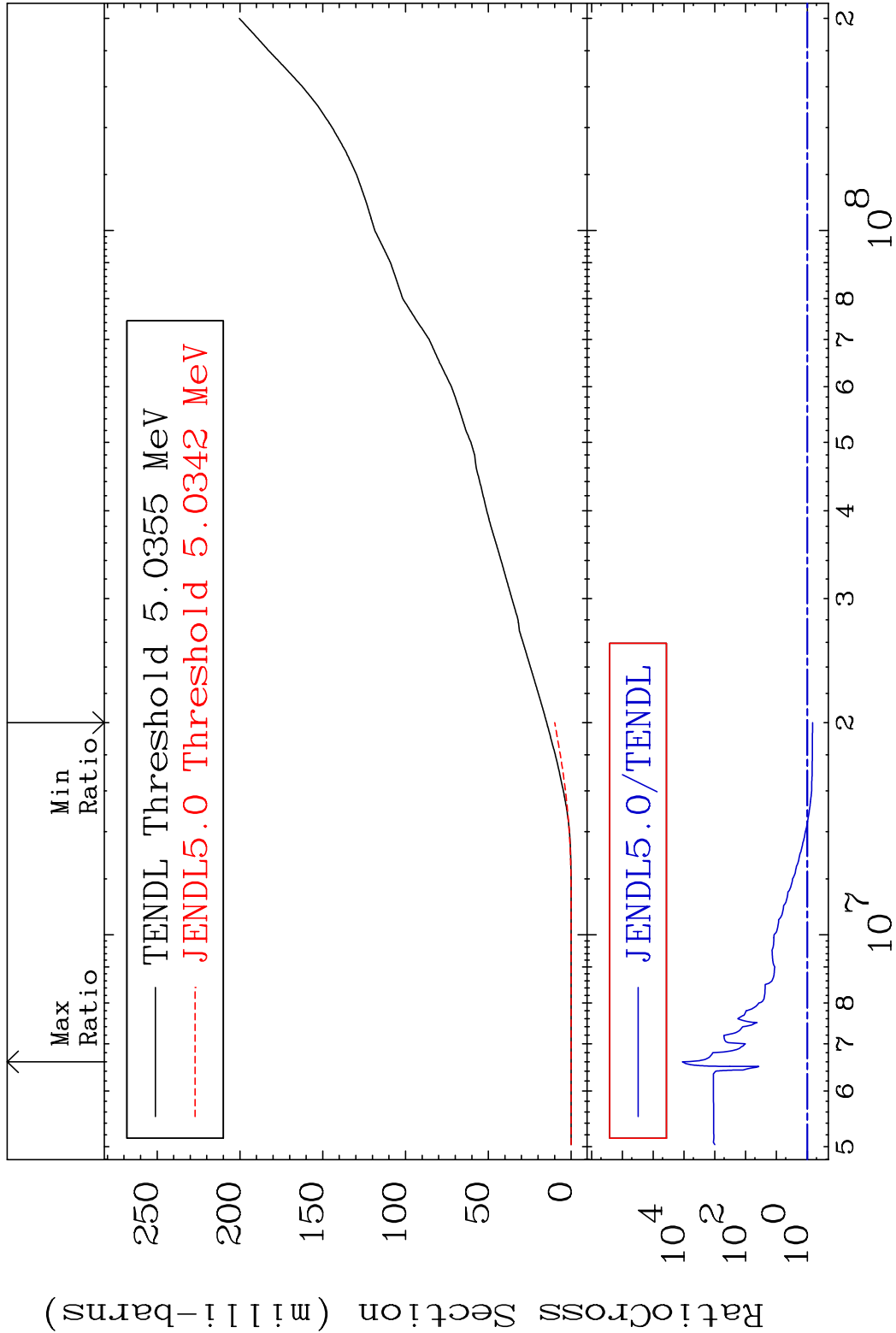


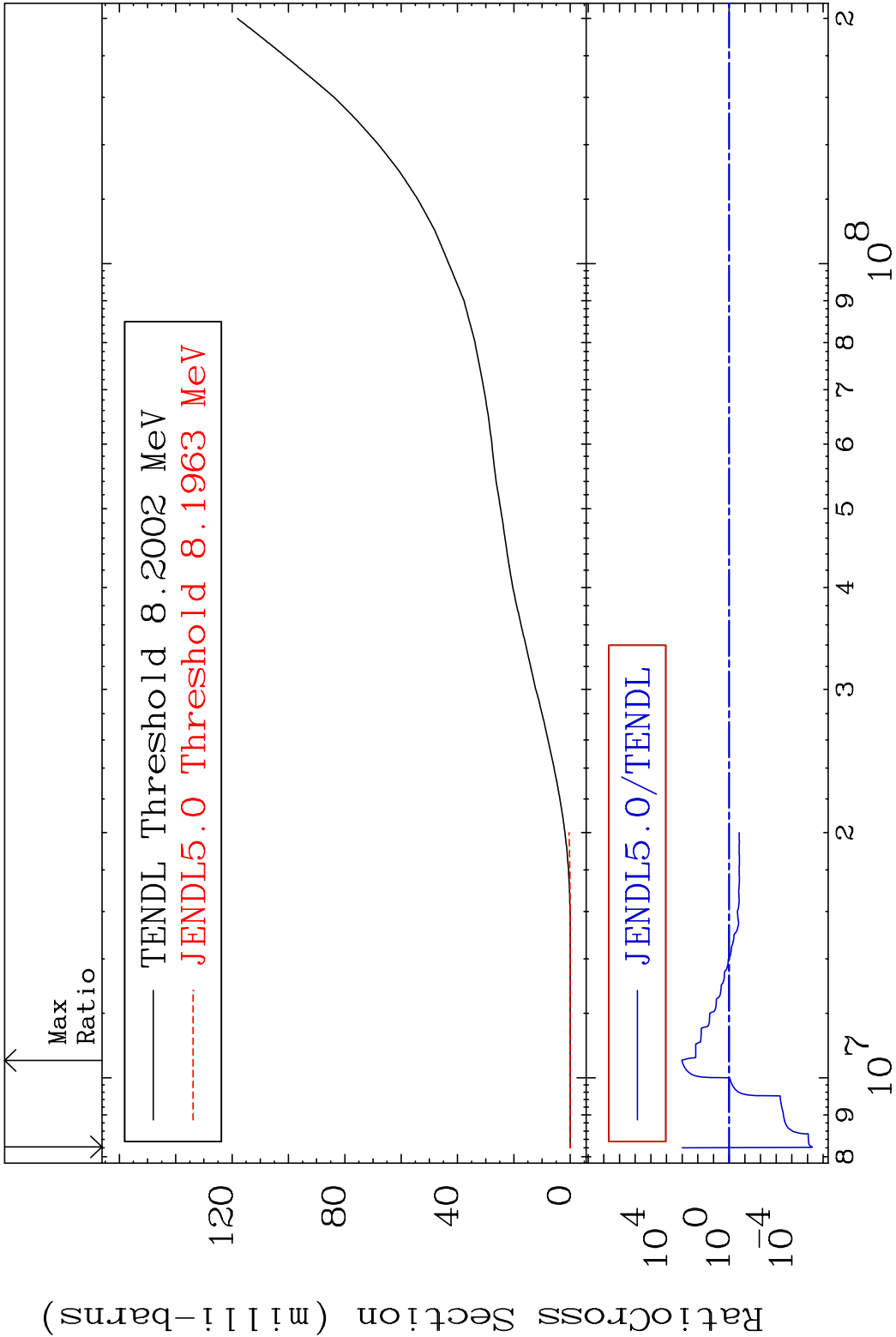


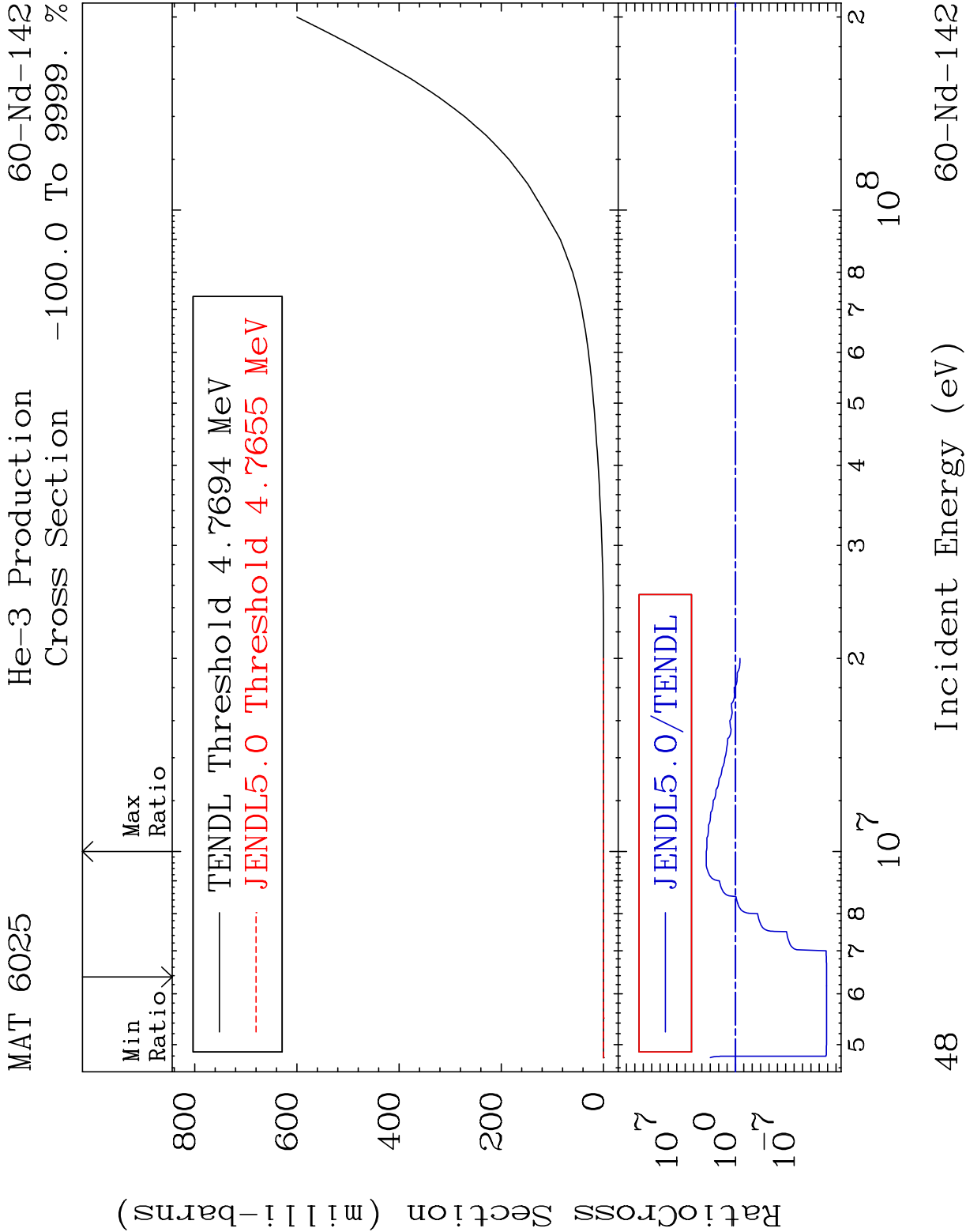


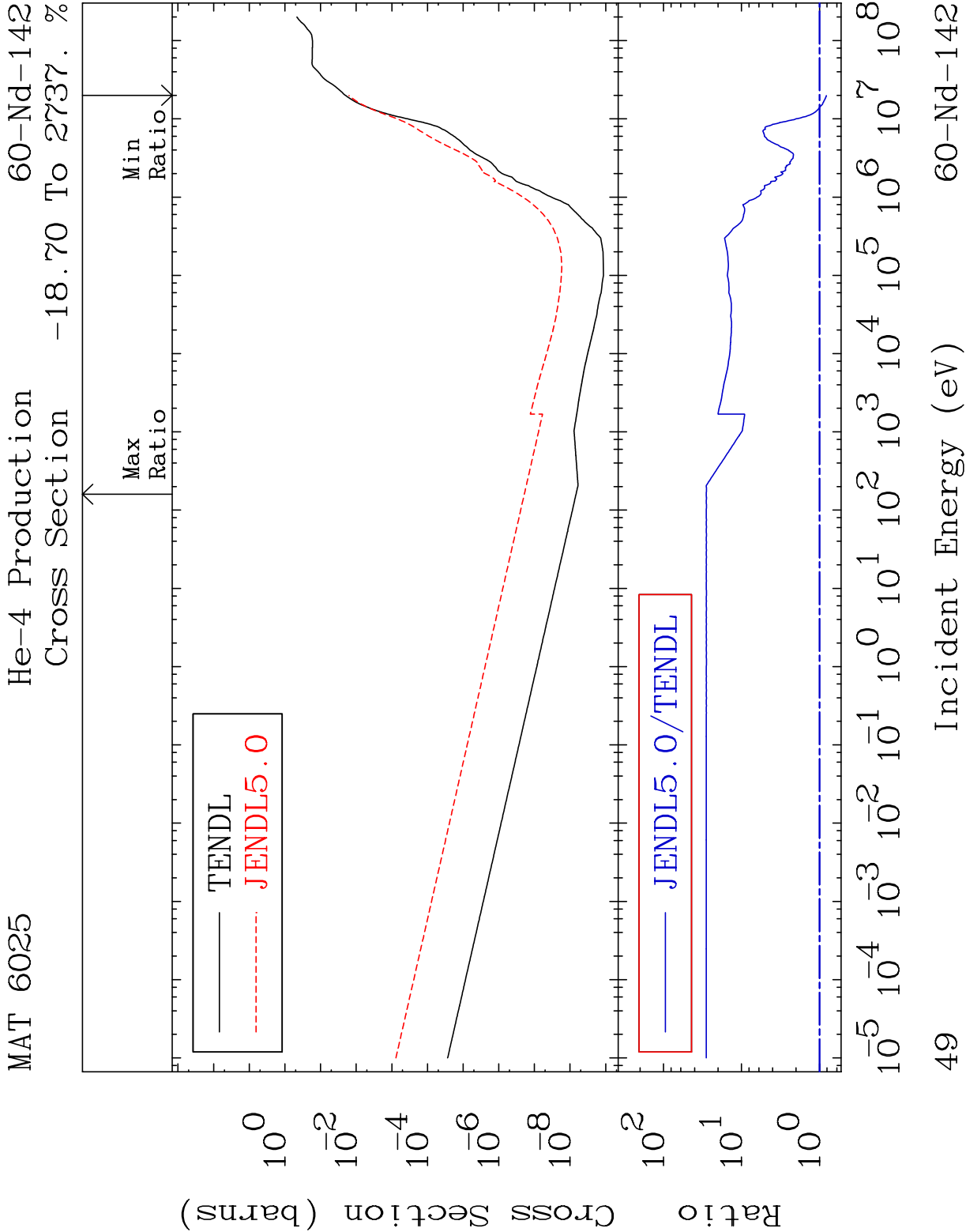


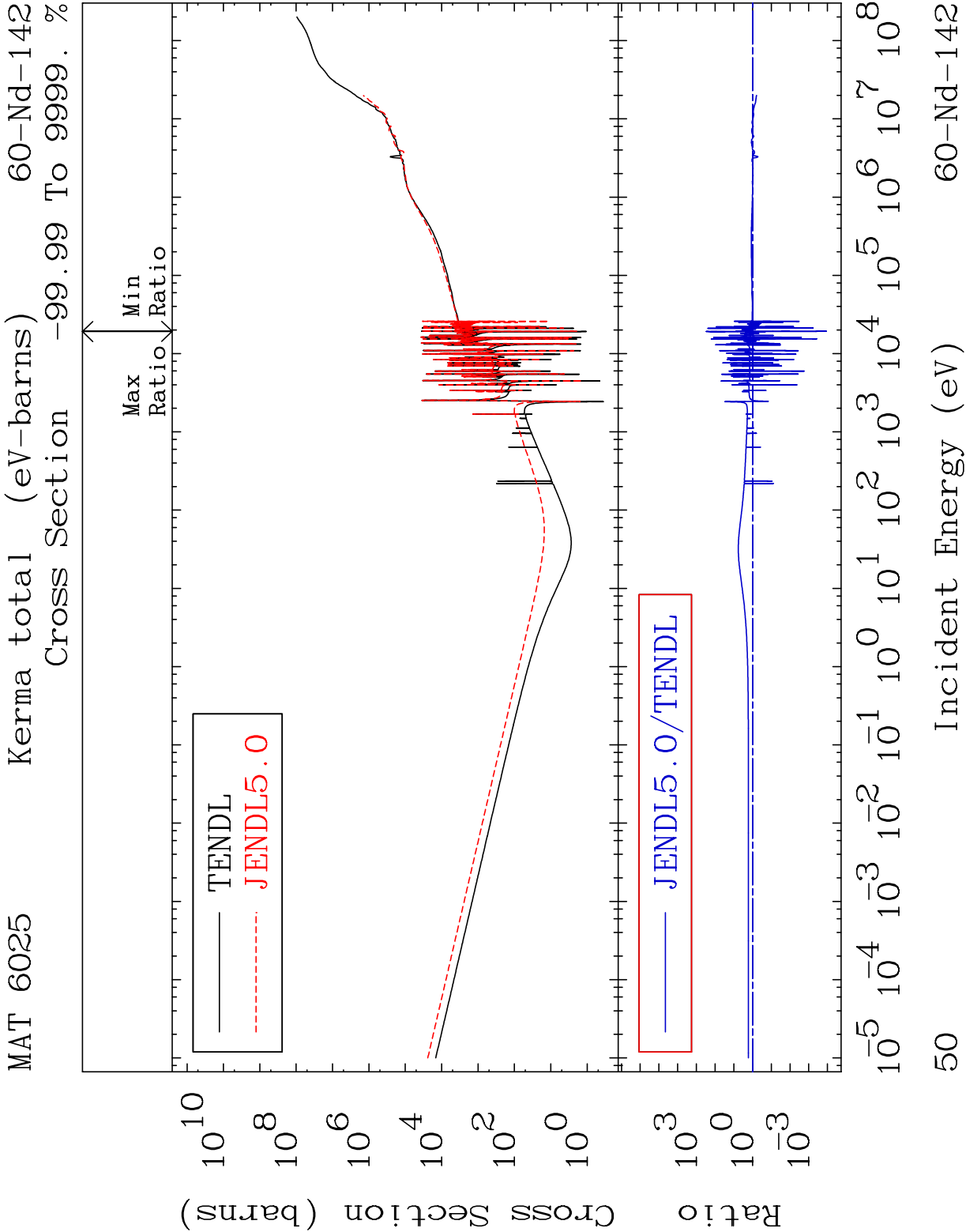


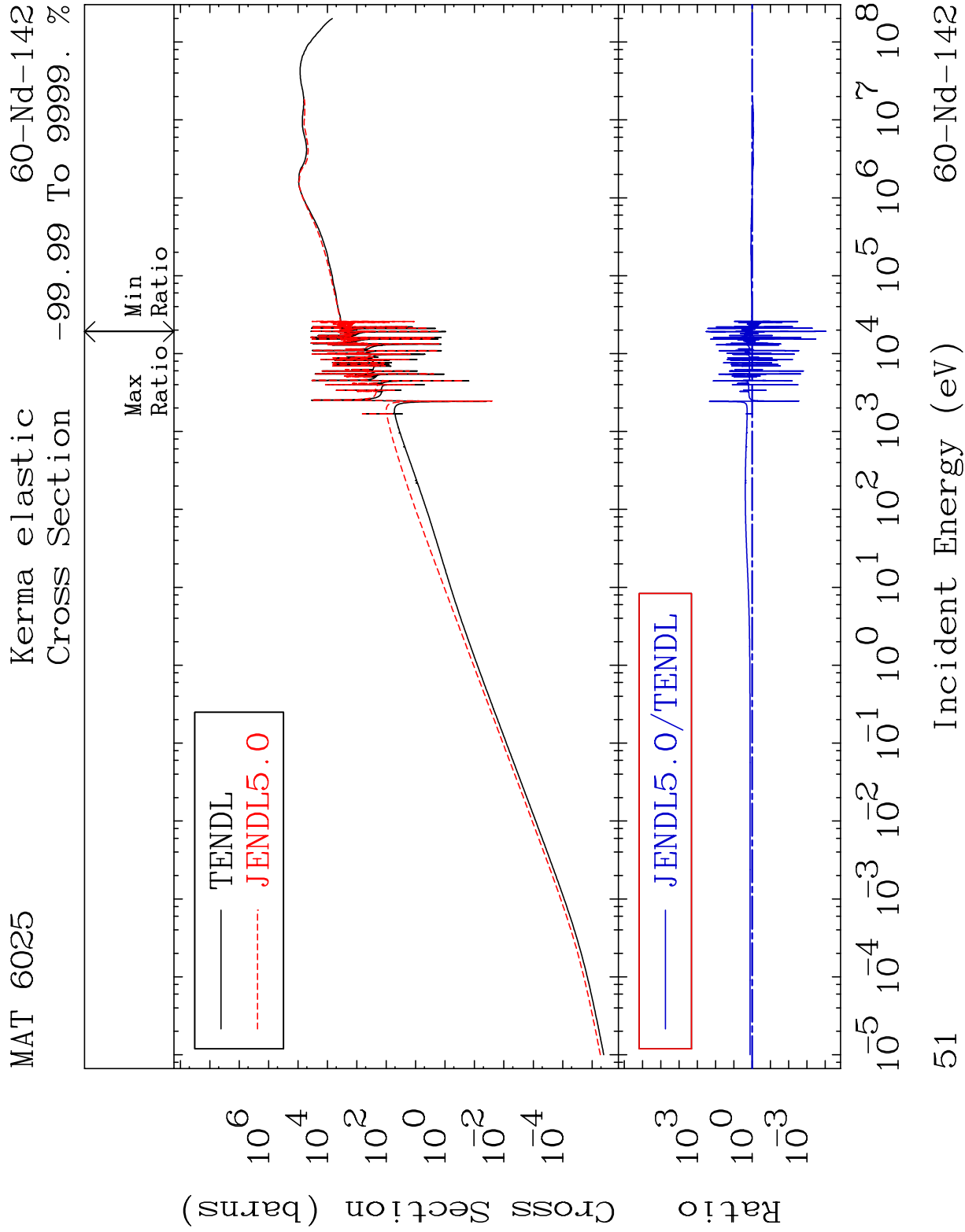




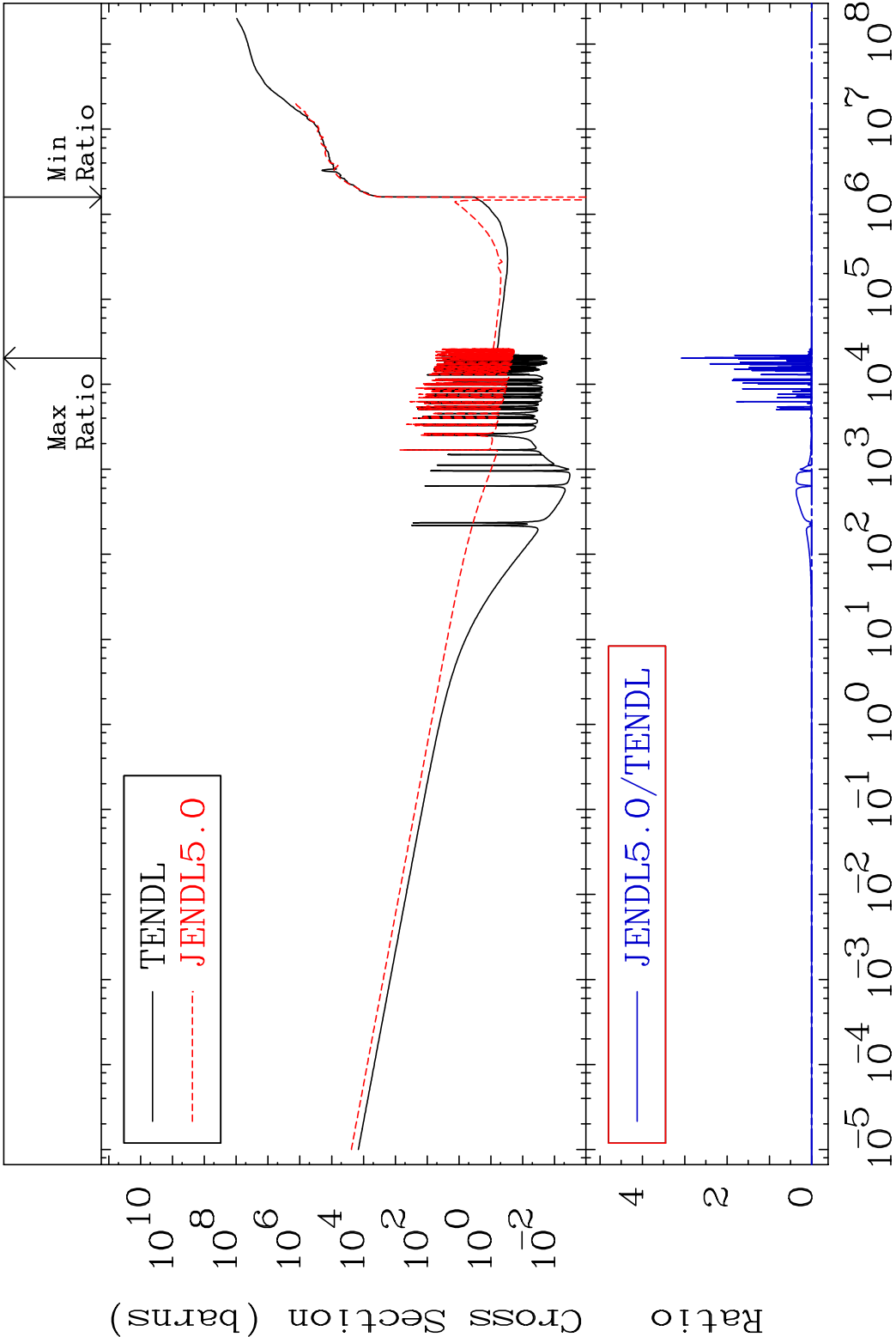


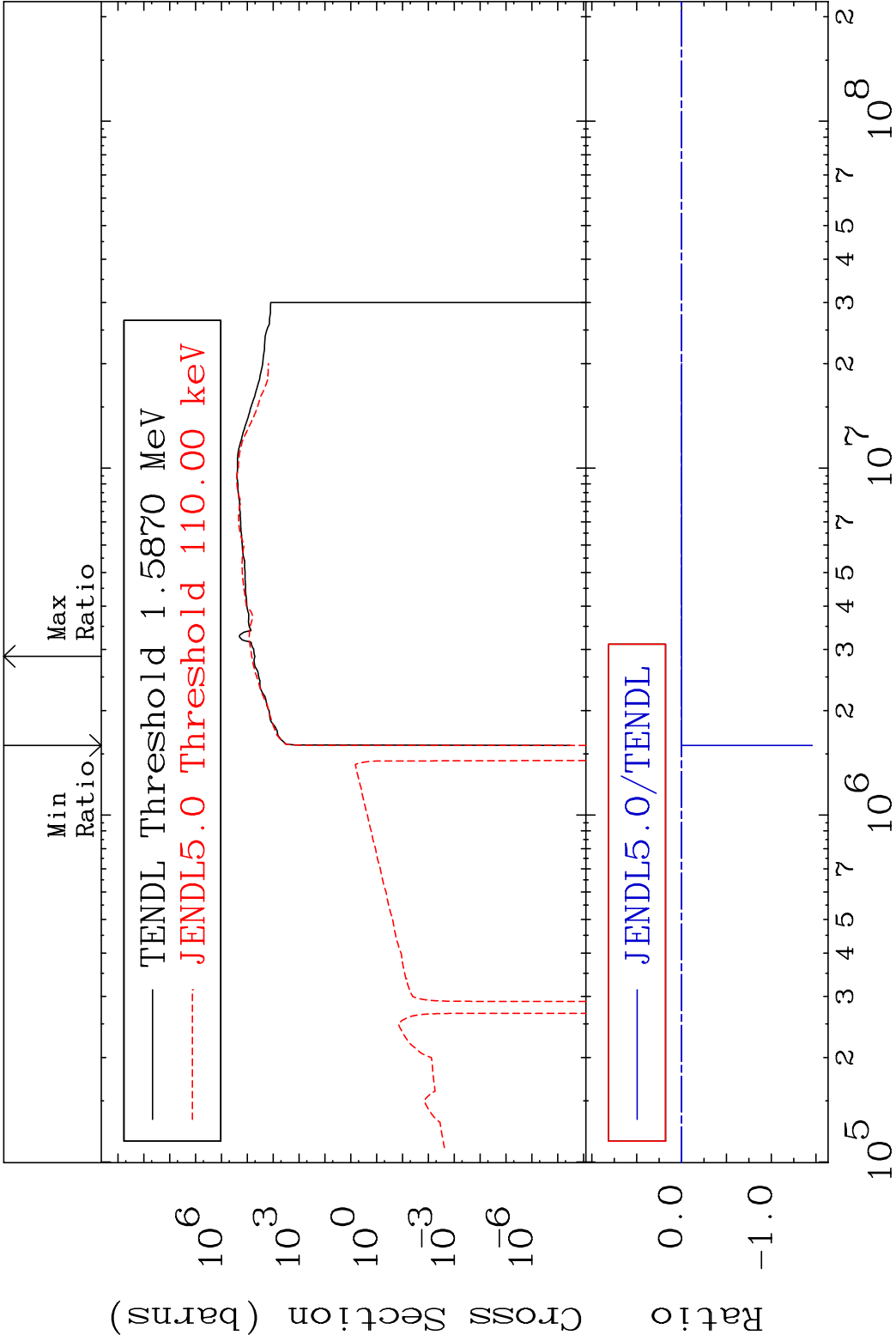




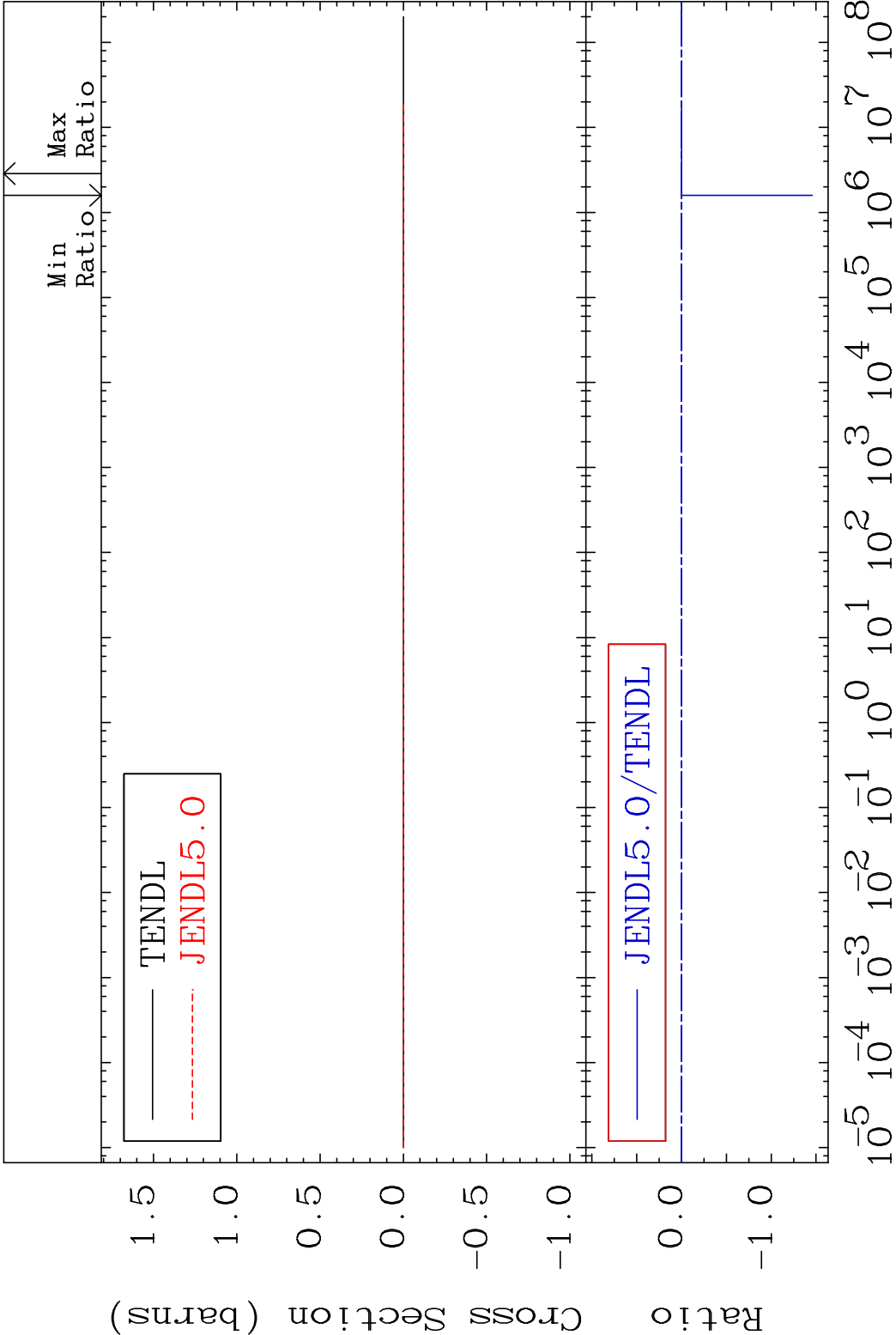


MAT 6025 Kerma non-elastic (all but mt2) 60-Nd-142
 Cross Section -1251. To 9999. %

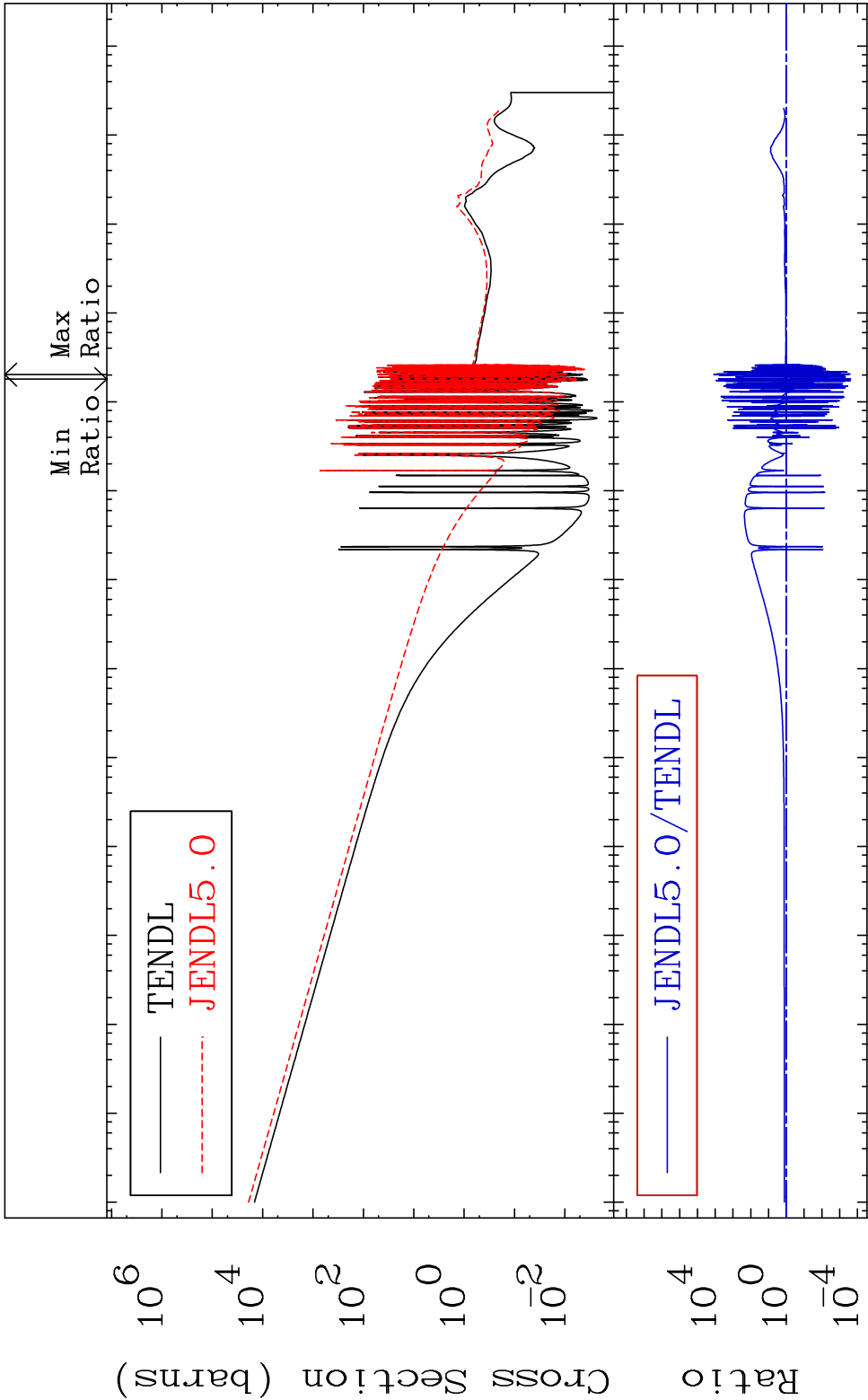




MAT 6025 Kerma fission (mt18 or mt19-20-21-38) 60-Nd-142
Cross Section -9999. To 33.13 %

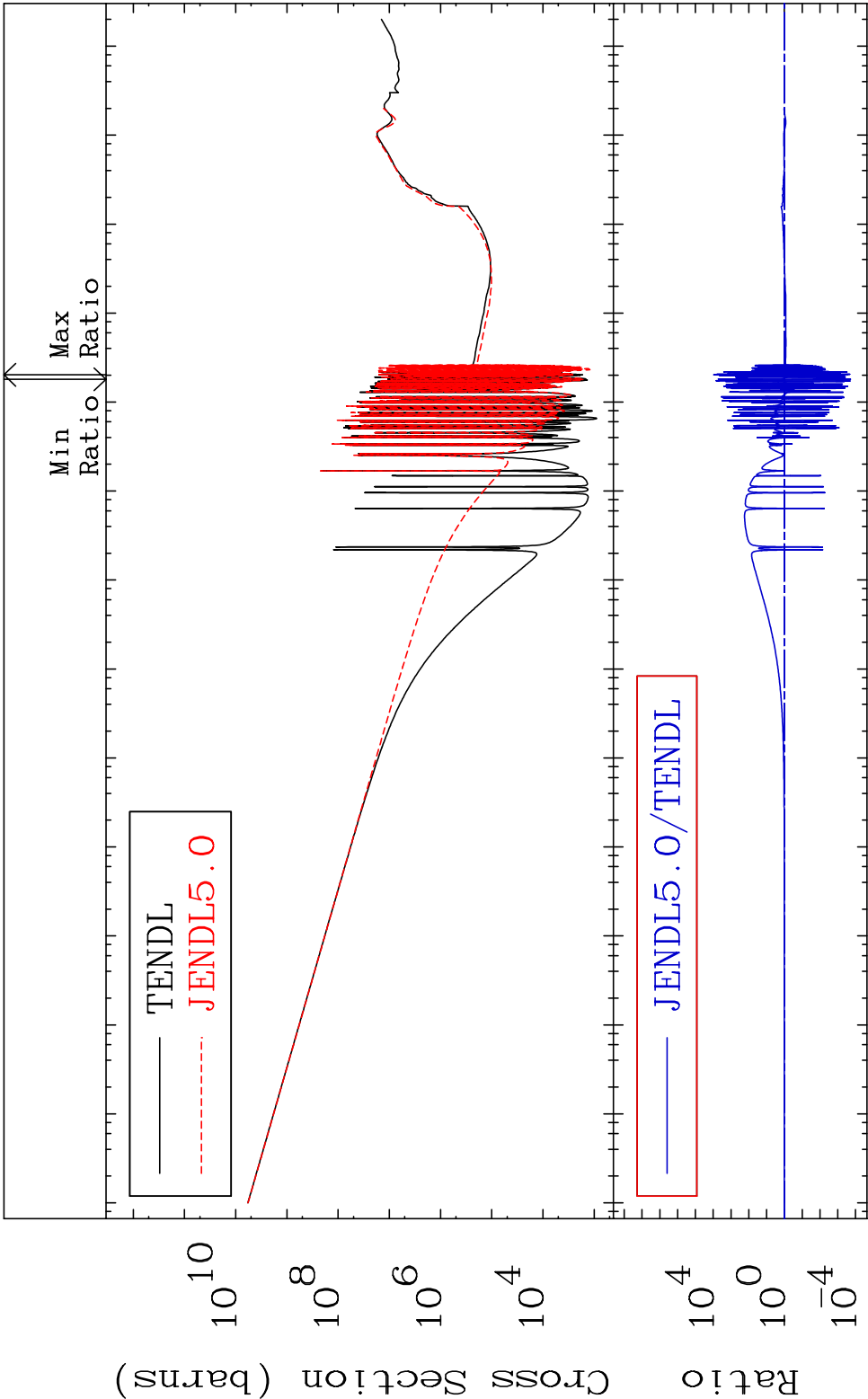


MAT 6025 Kerma capture (mt102) 60-Nd-142
Cross Section -99.98 To 9999. %

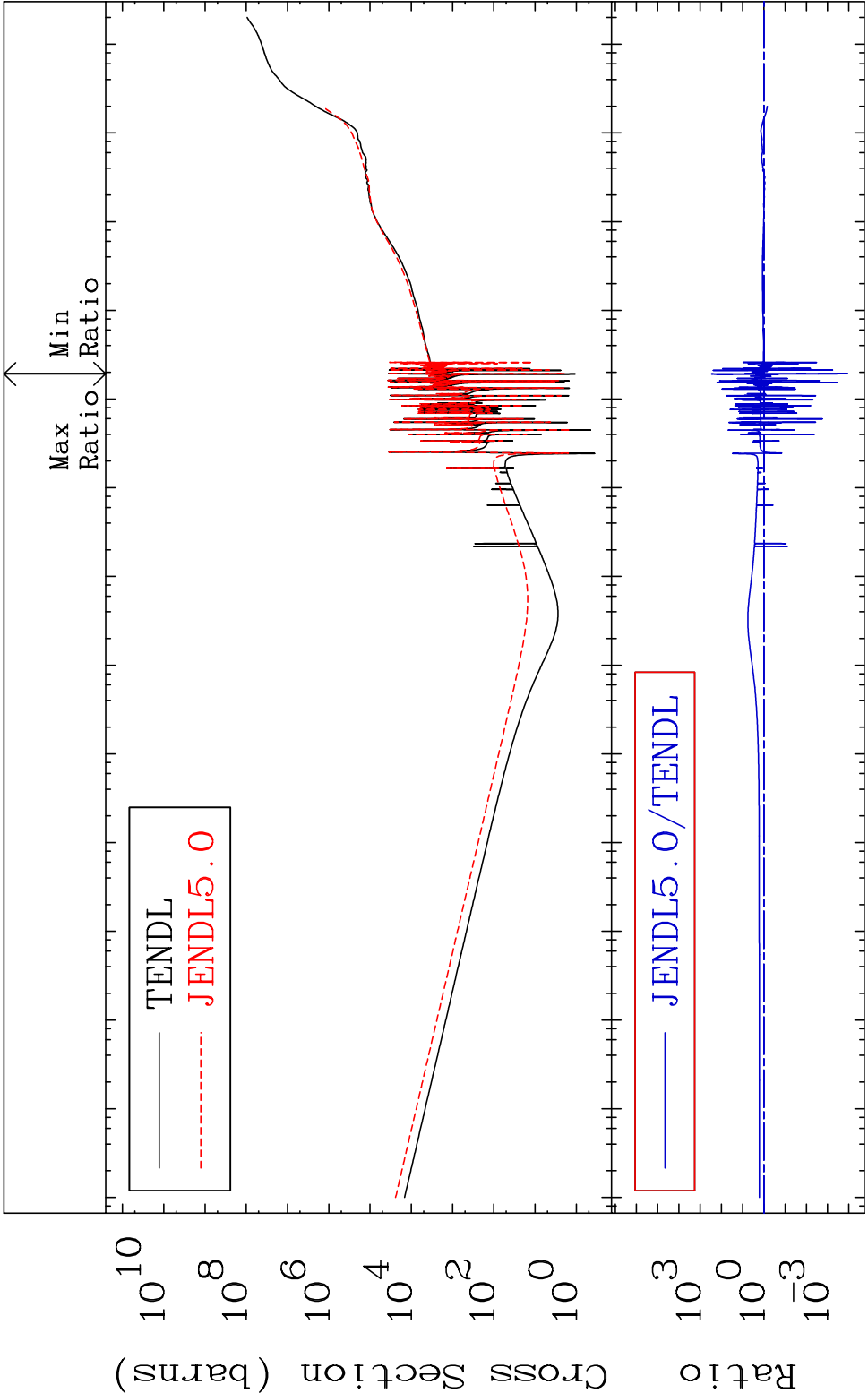


55 Incident Energy (eV) 60-Nd-142

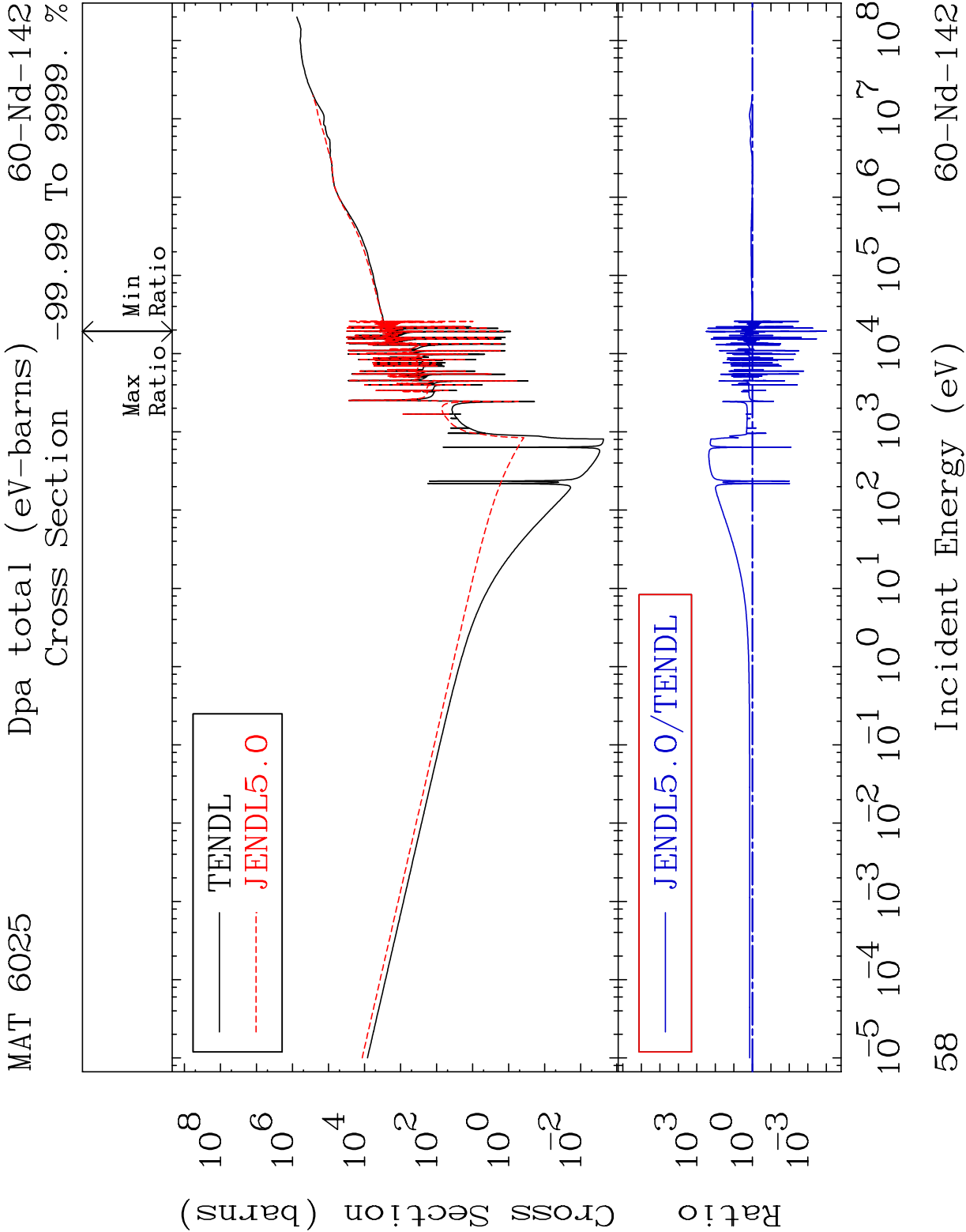
MAT 6025 Total photon (eV-barns) 60-Nd-142
Cross Section -99.98 To 9999. %



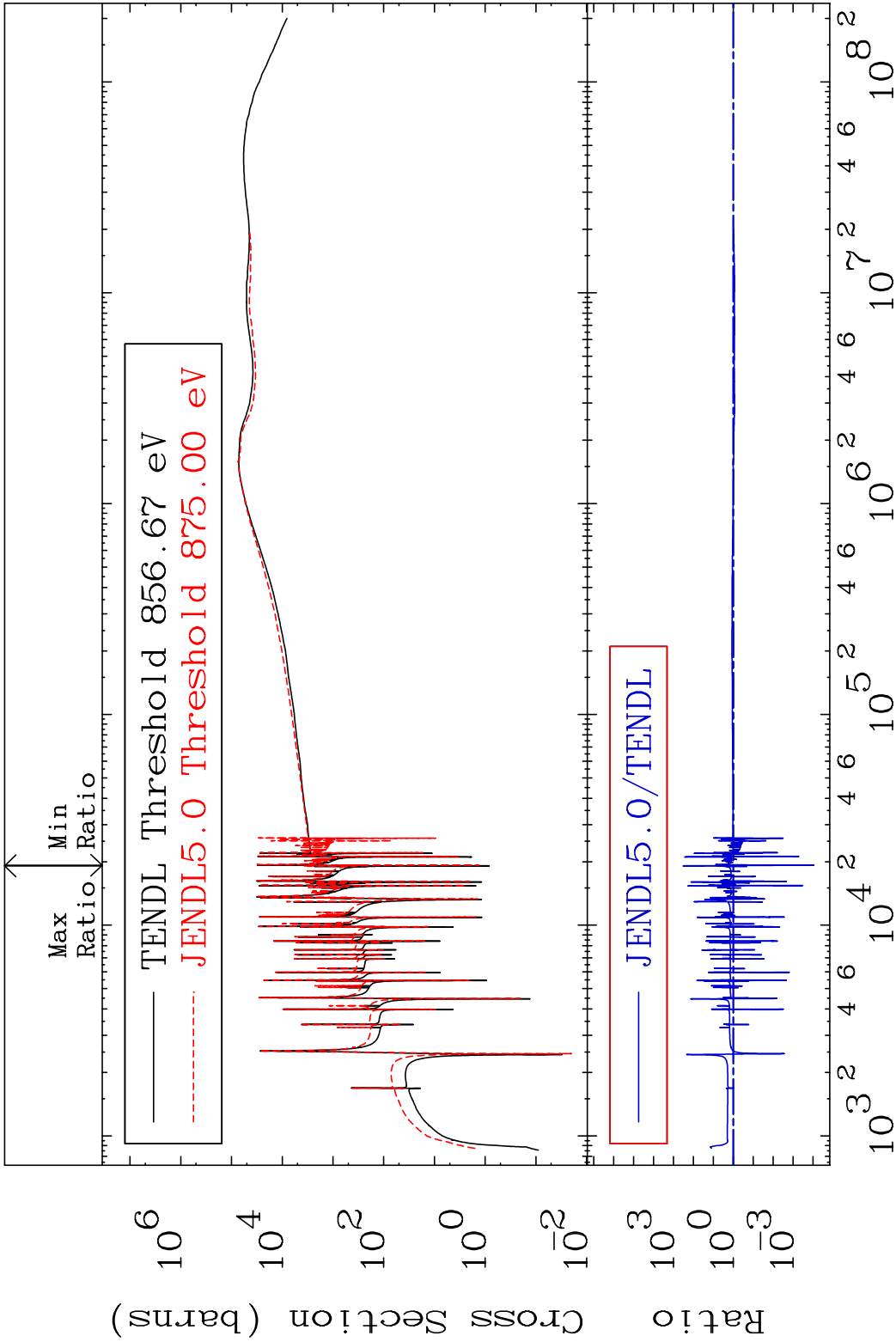
MAT 6025 Total kinematic kerma (high limit) 60-Nd-142
Cross Section -99.99 To 9999. %

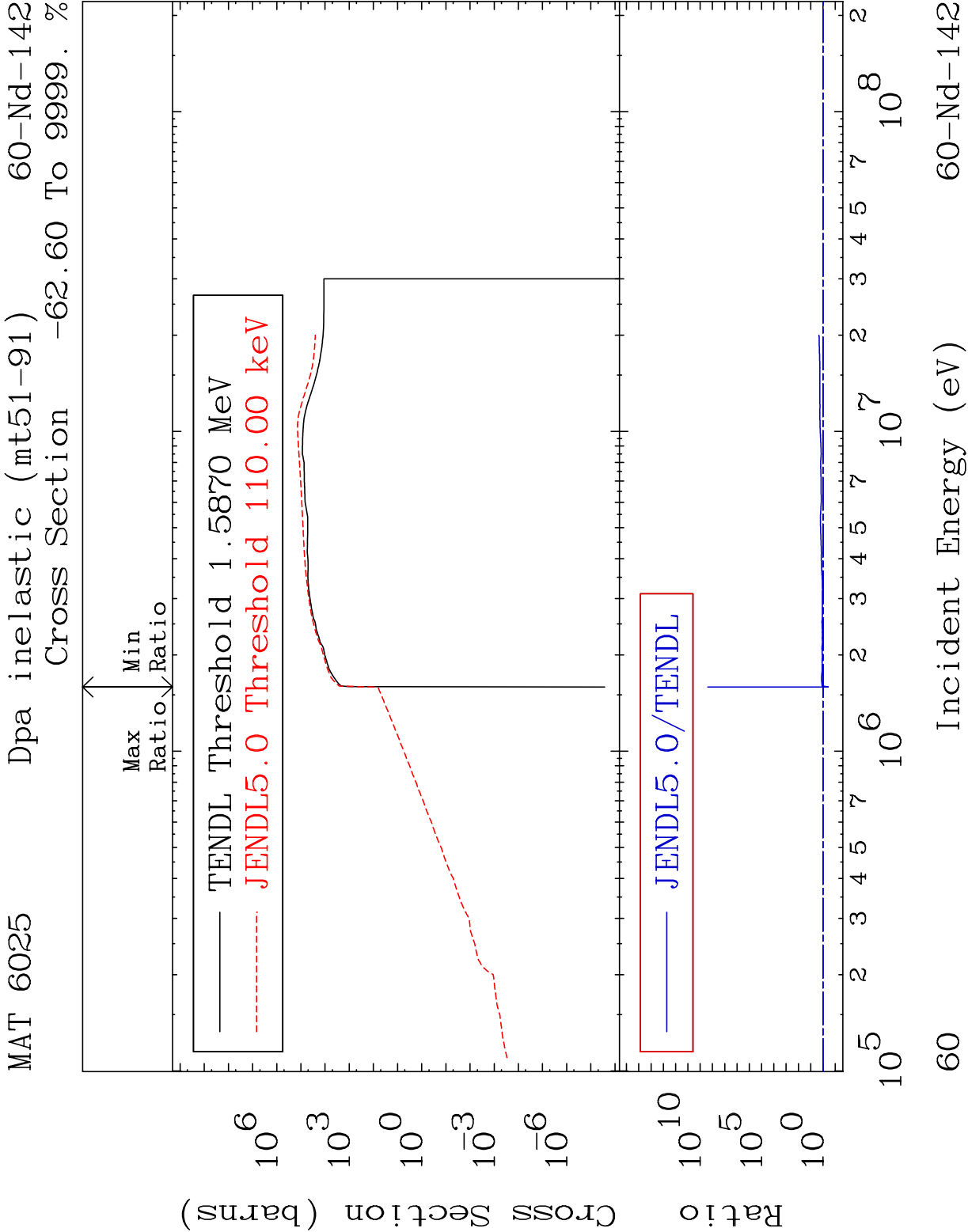


57 Incident Energy (eV) 60-Nd-142

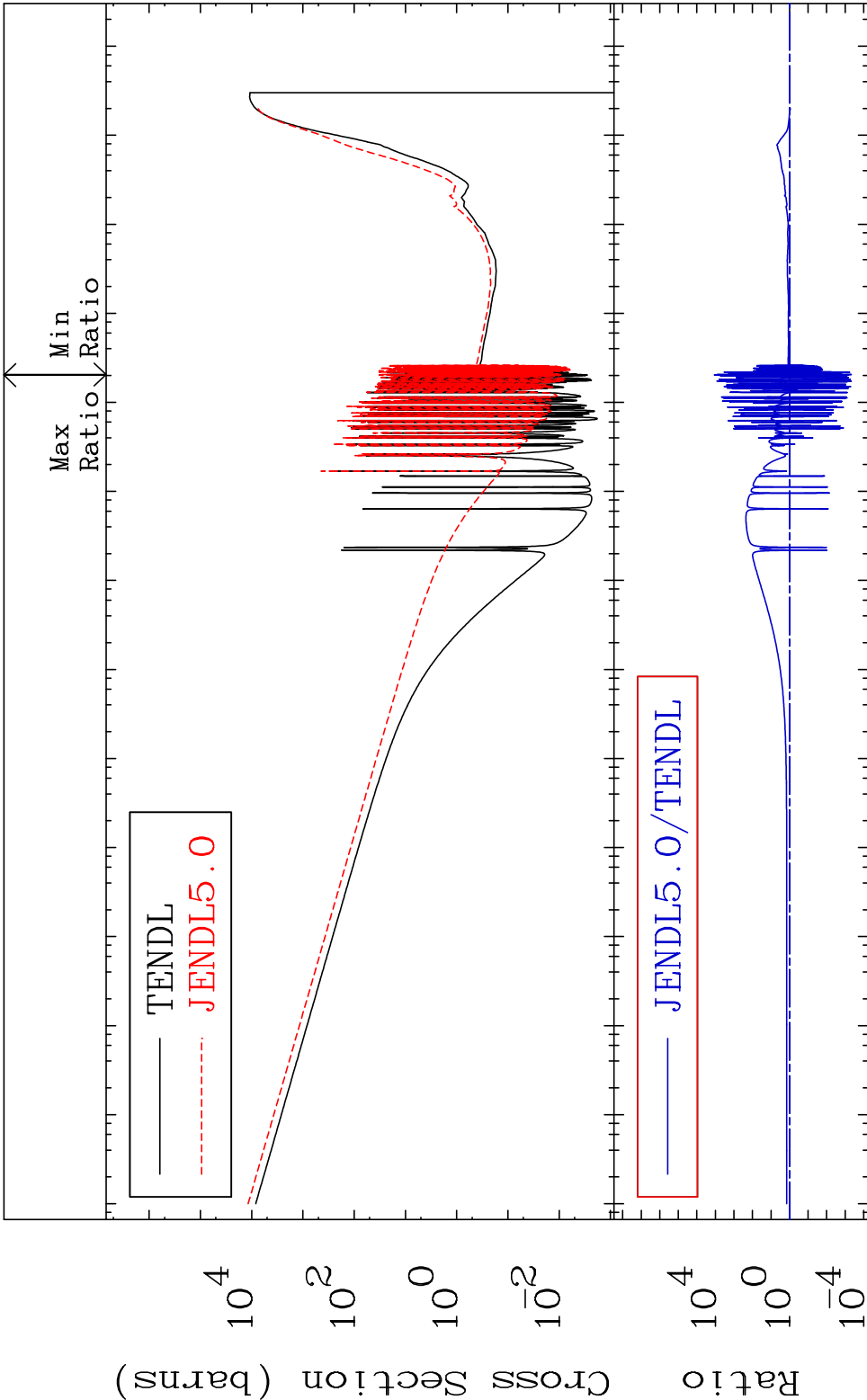


MAT 6025 Dpa elastic (mt2) 60-Nd-142
Cross Section -99.99 To 9999. %

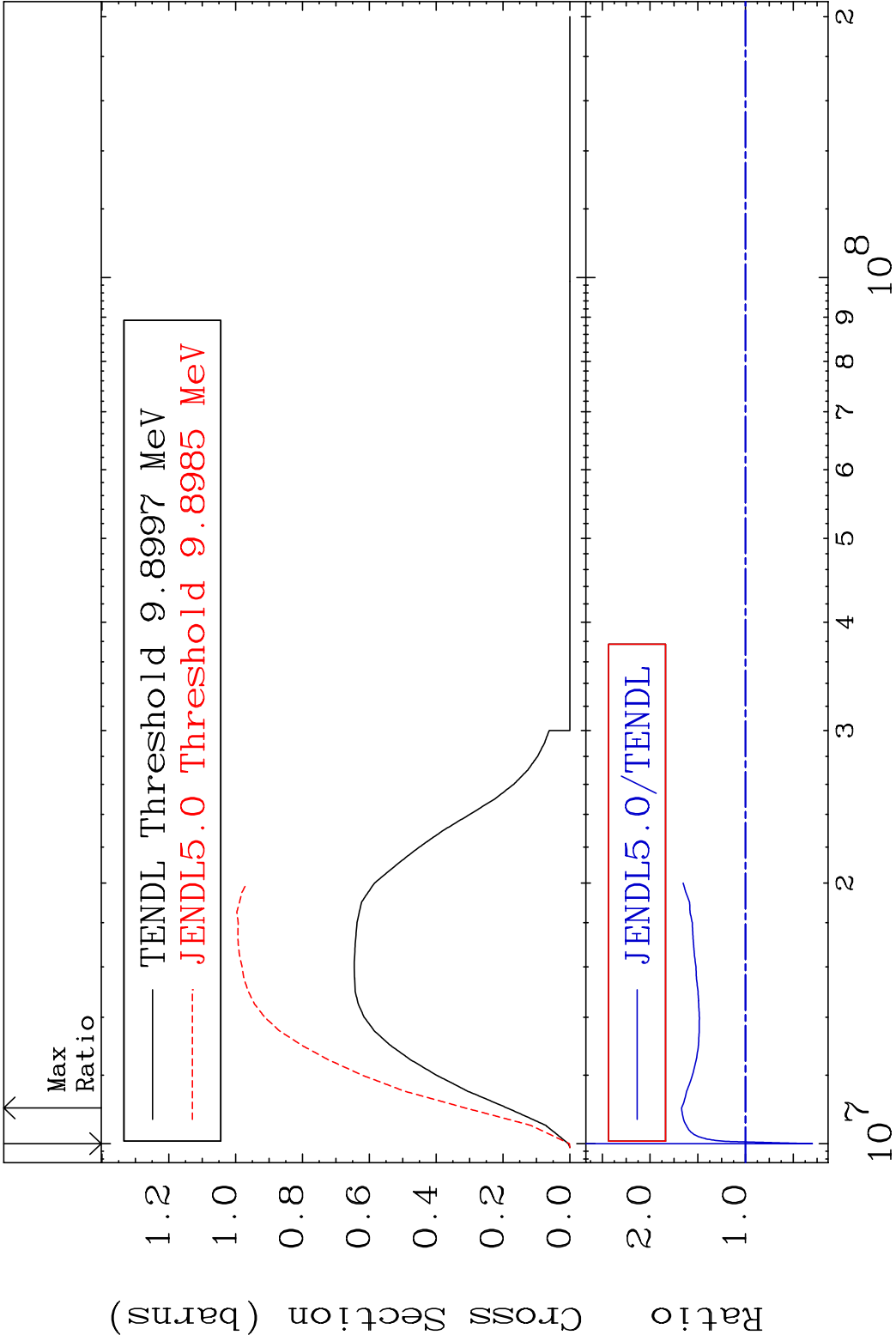


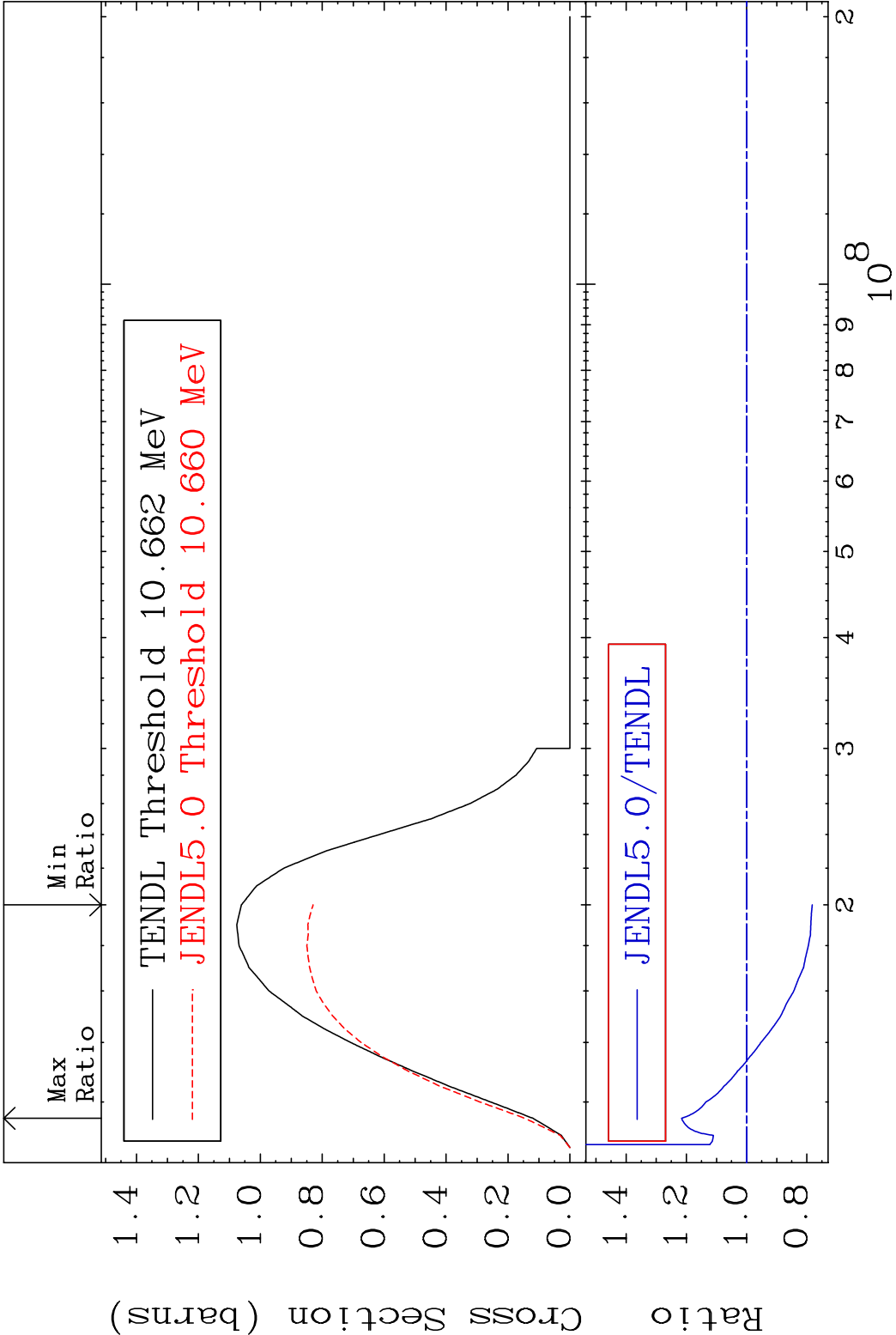


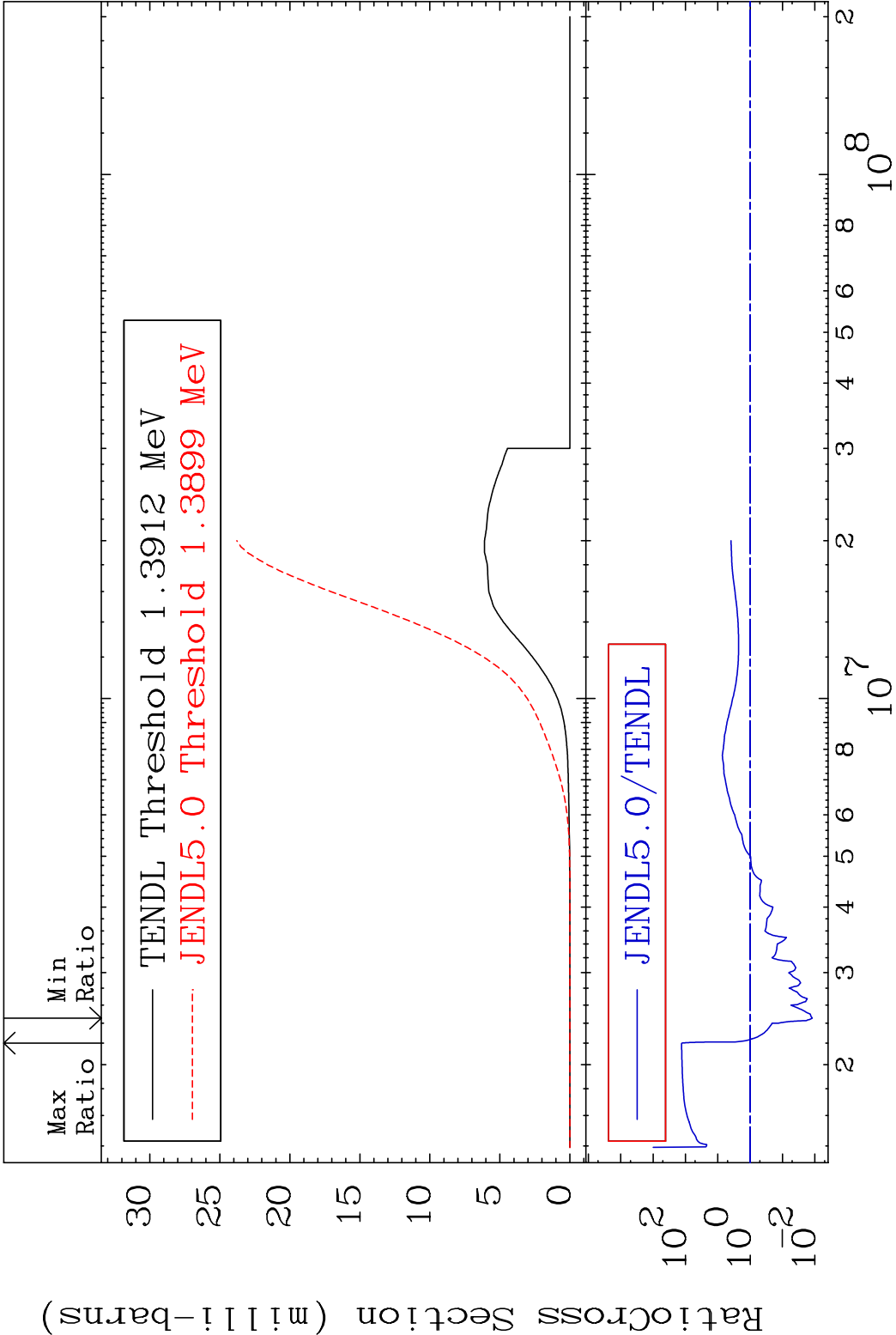
MAT 6025 Dpa disappearance (mt102 -120) 60-Nd-142
Cross Section -99.95 To 9999. %

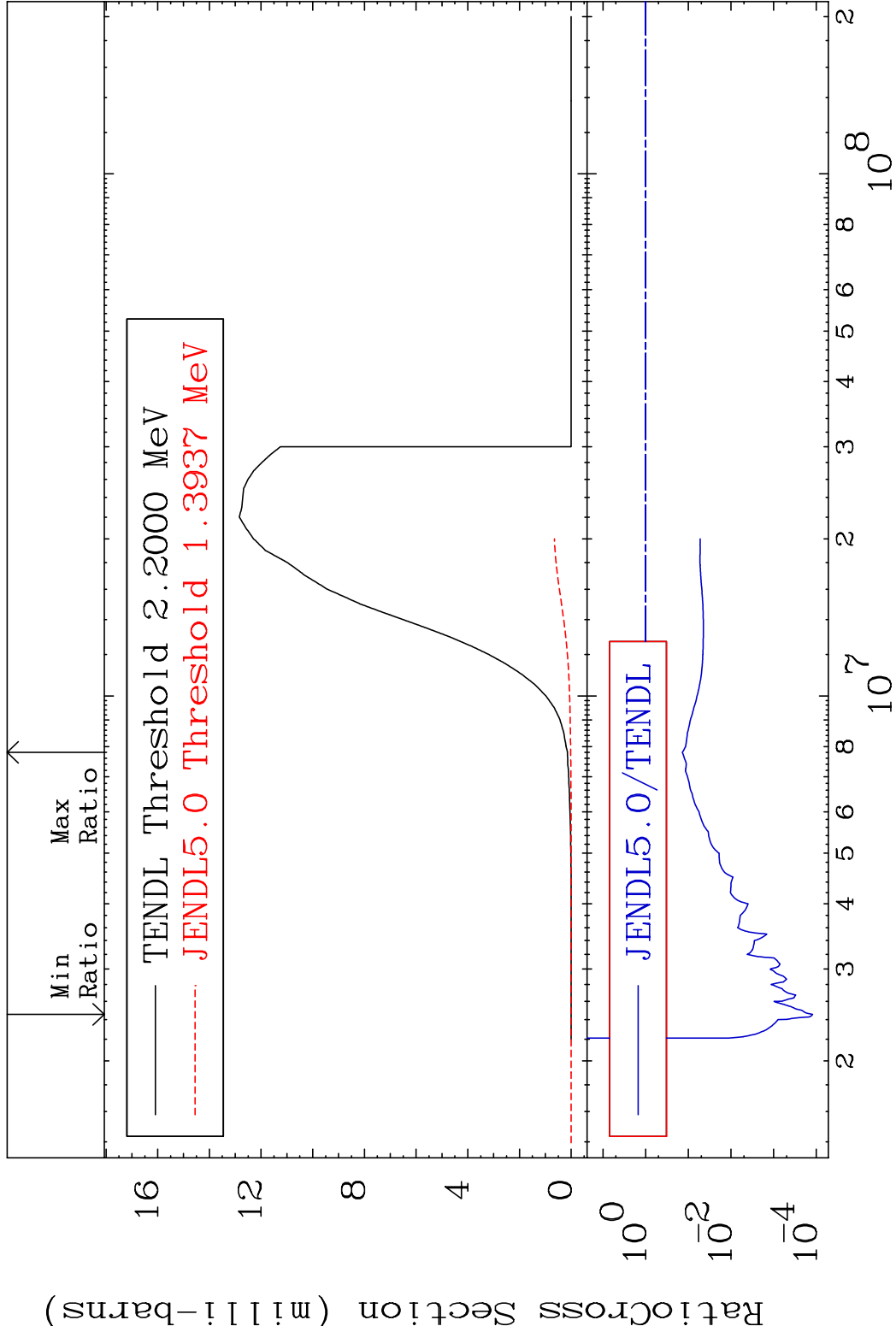


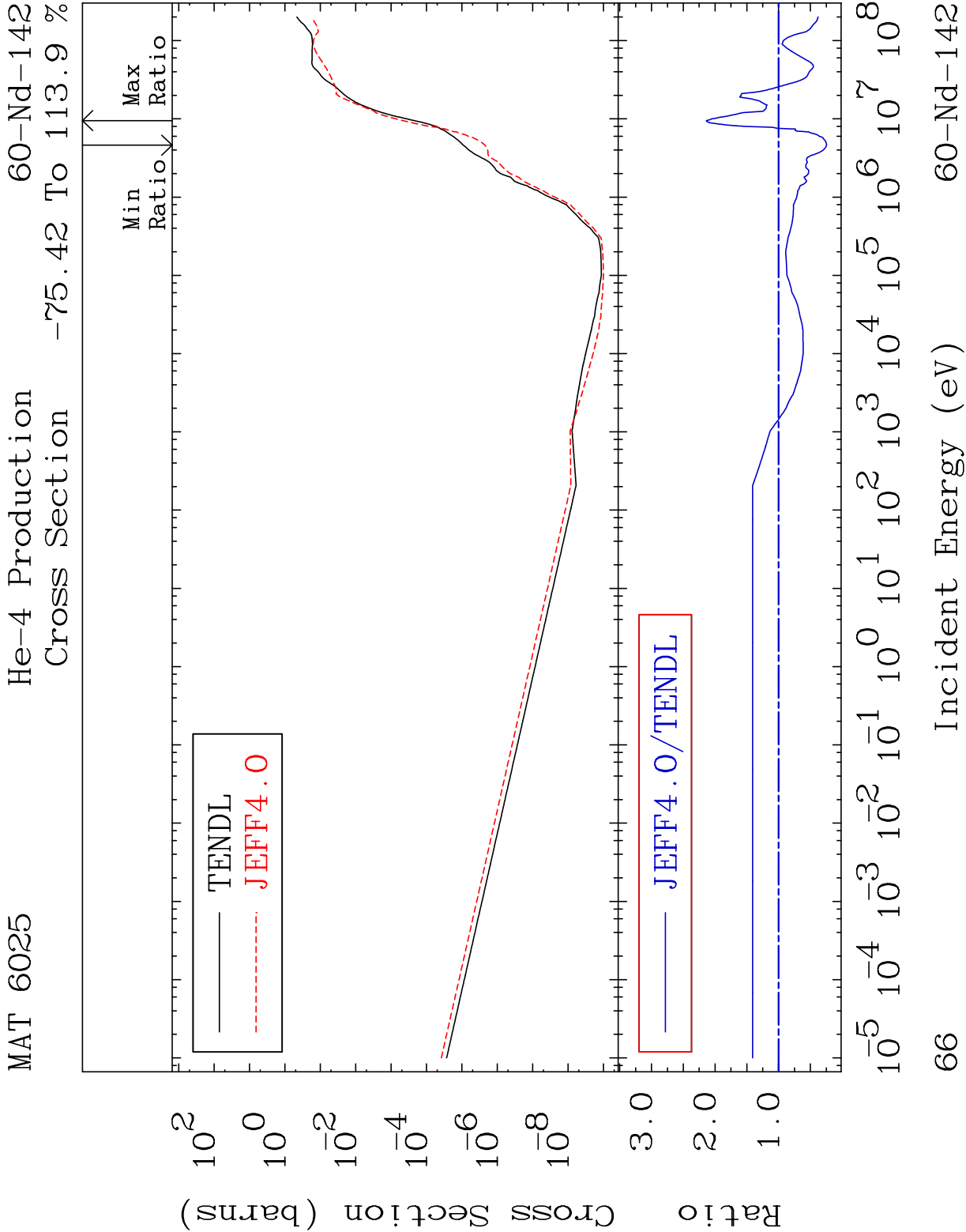
61 Incident Energy (eV) 60-Nd-142



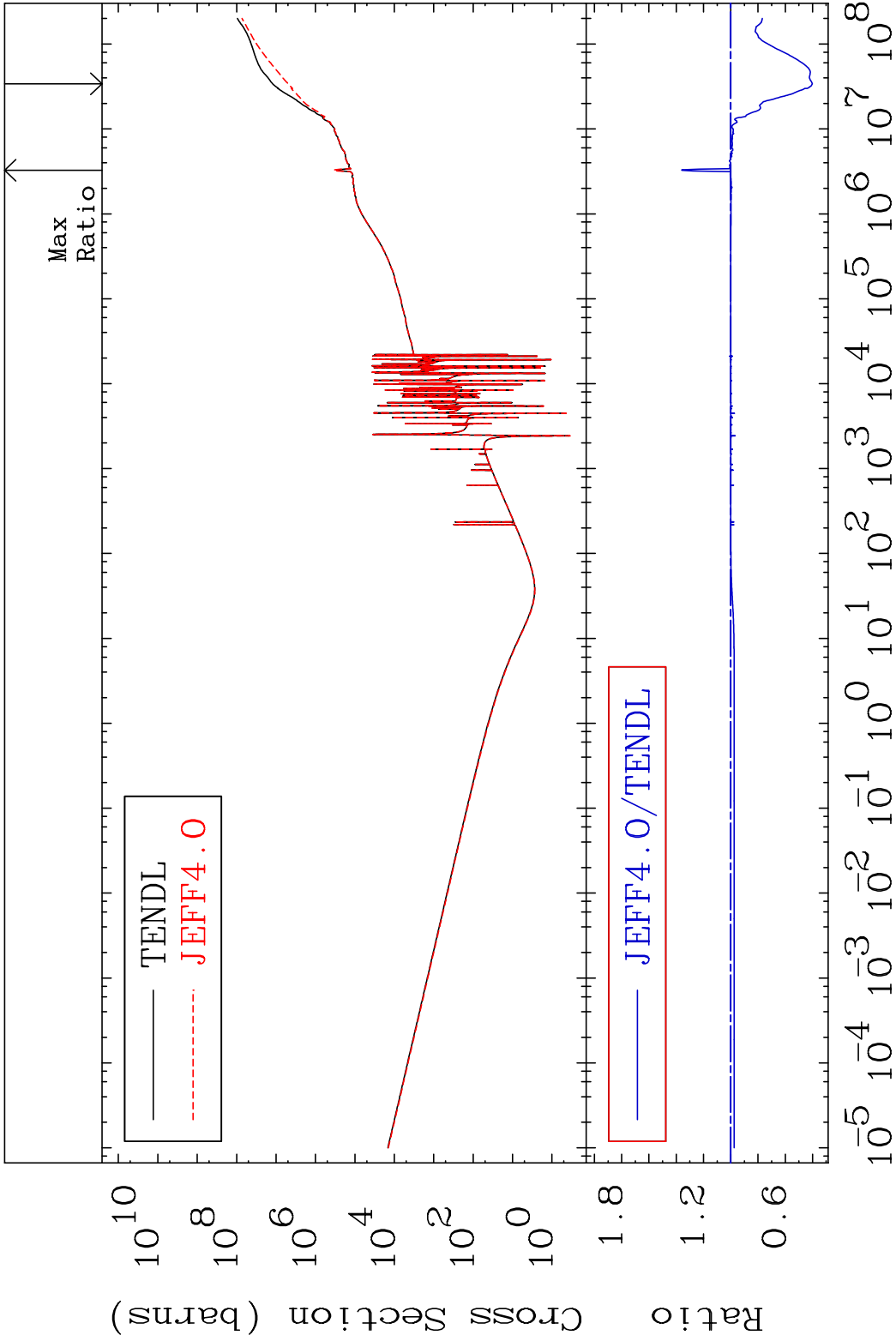






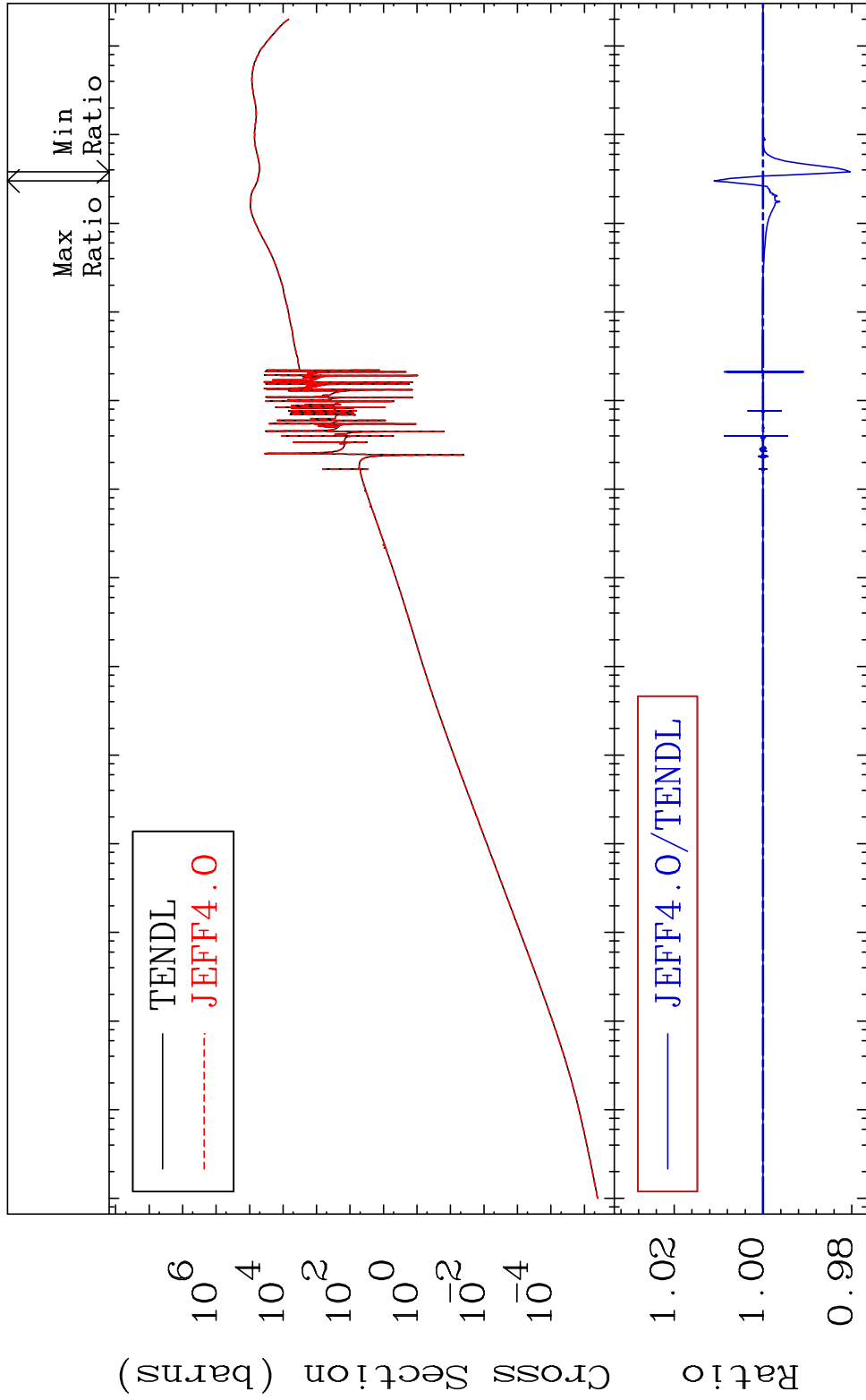


MAT 6025 Kerma total (eV-barns) 60-Nd-142
Cross Section -59.83 To 35.95 %

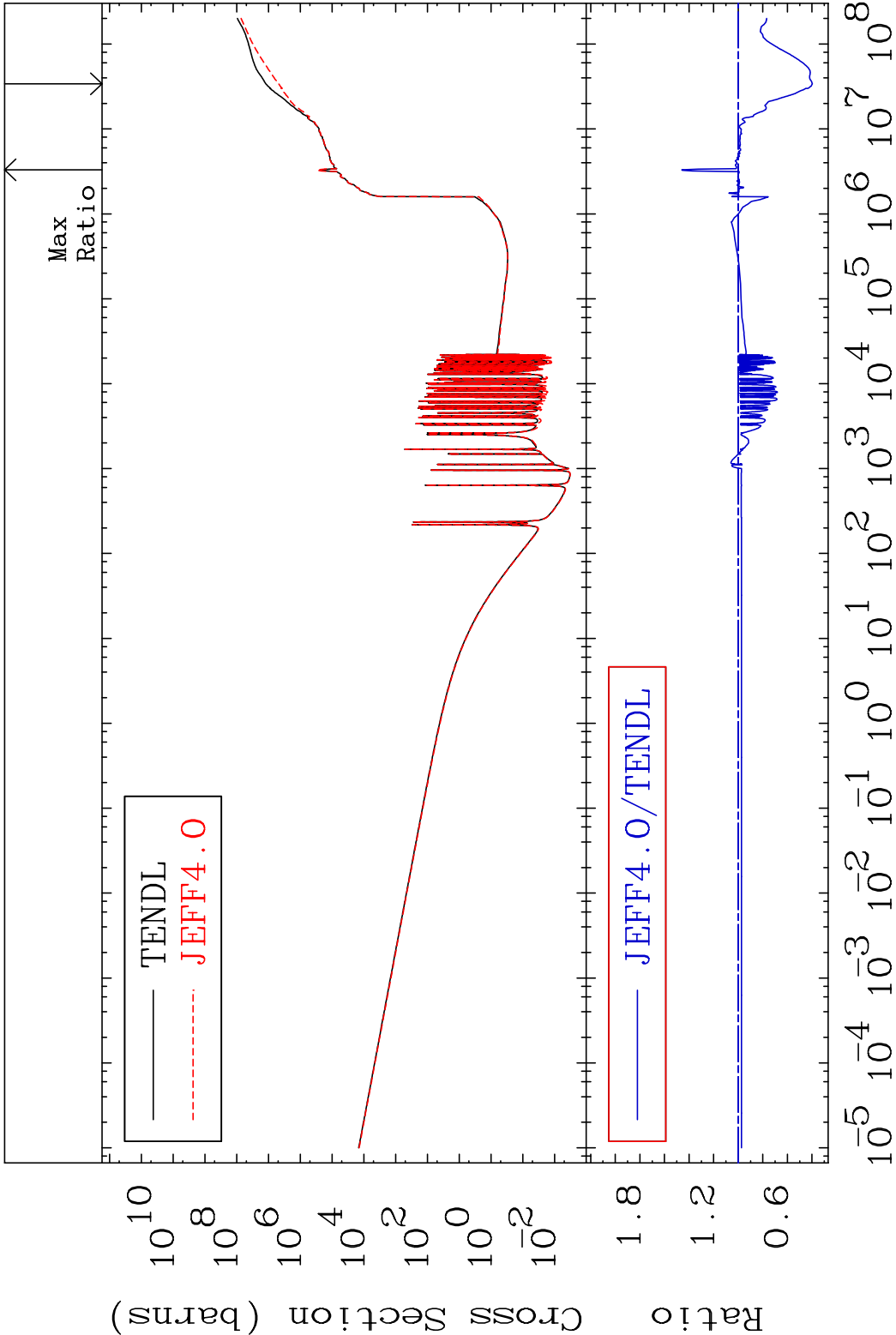


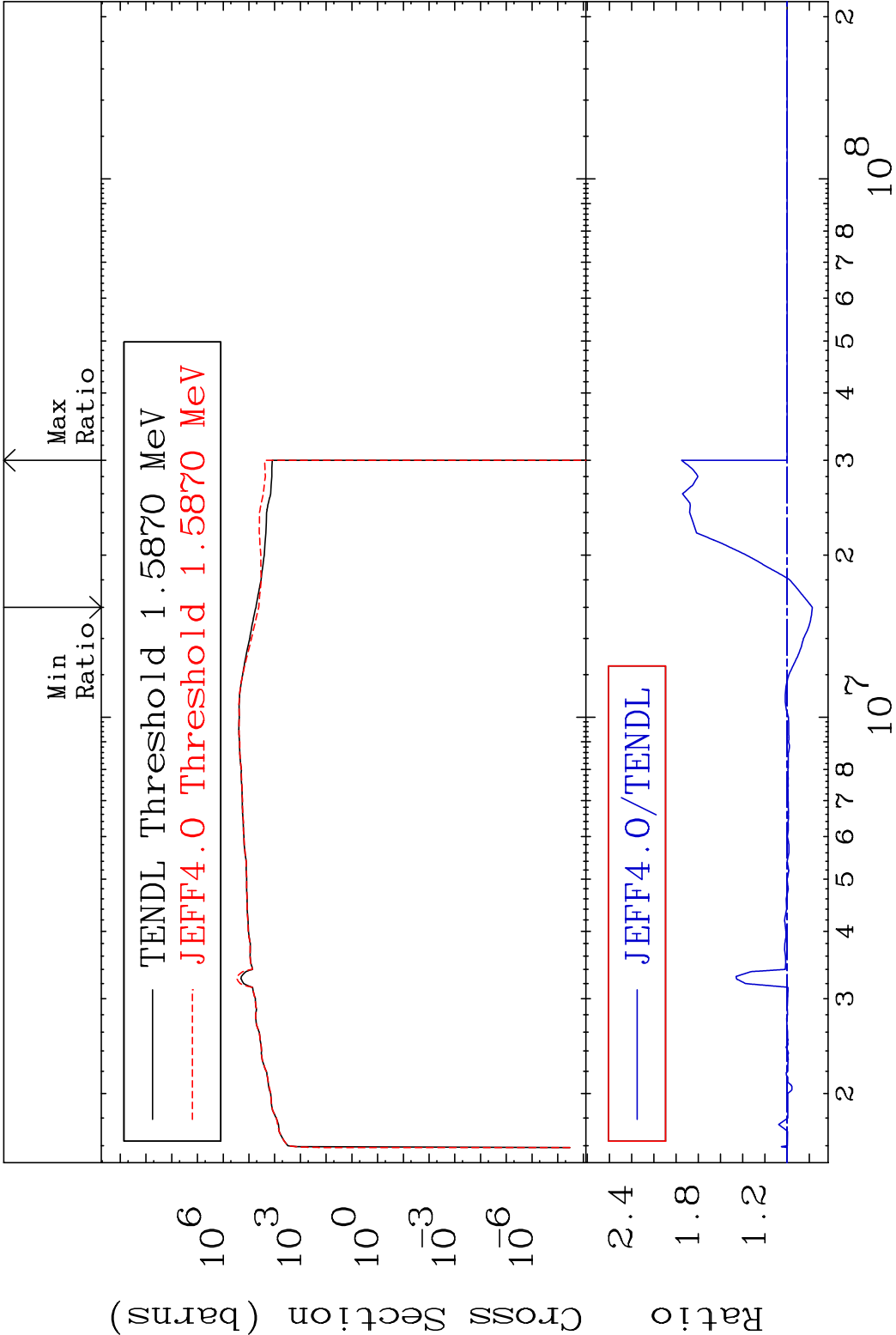
67 Incident Energy (eV) 60-Nd-142

MAT 6025 Kerma elastic 60-Nd-142
Cross Section -1.964 To 1.103 %

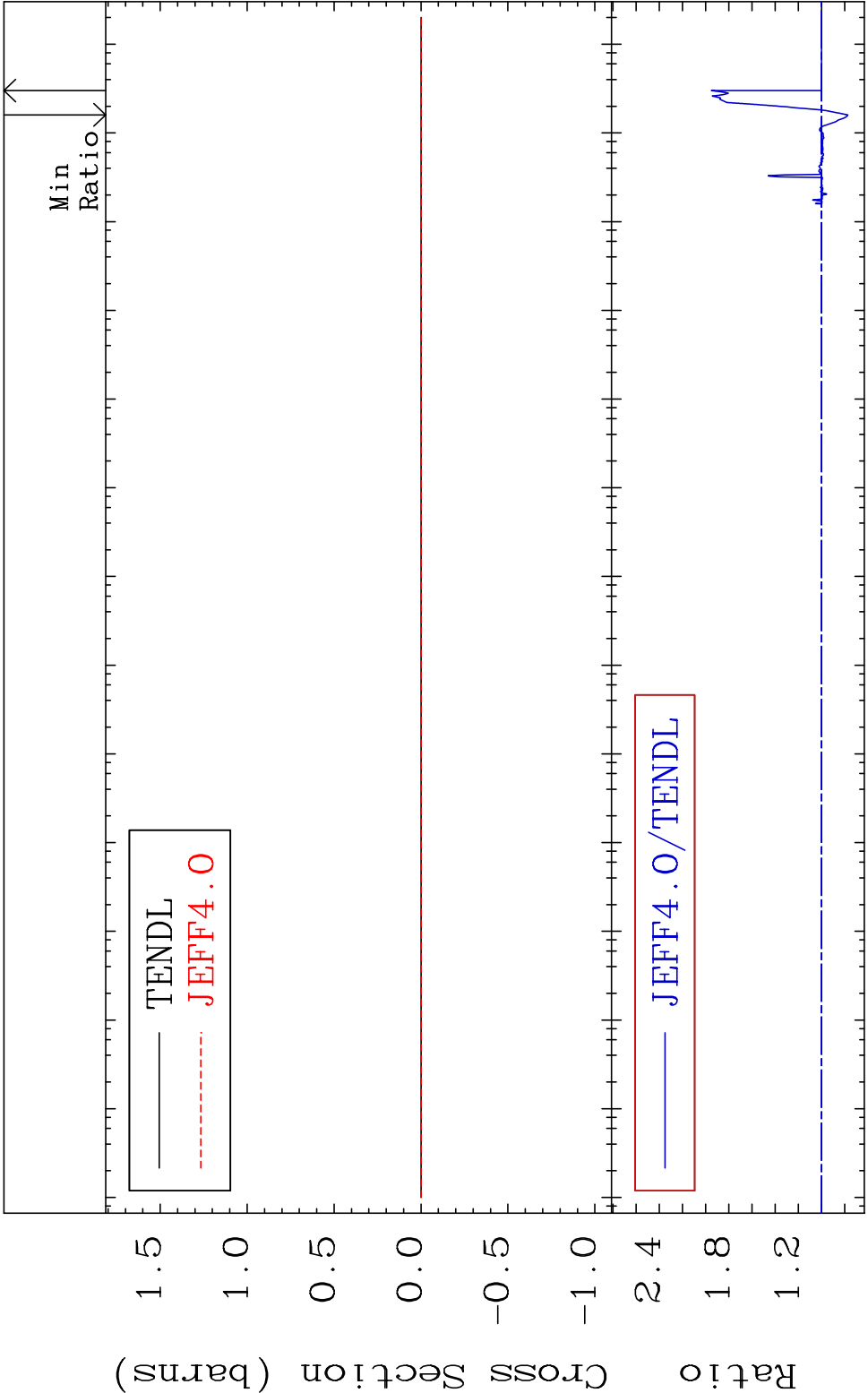


MAT 6025 Kerma non-elastic (all but mt2) 60-Nd-142
Cross Section -60.24 To 45.95 %

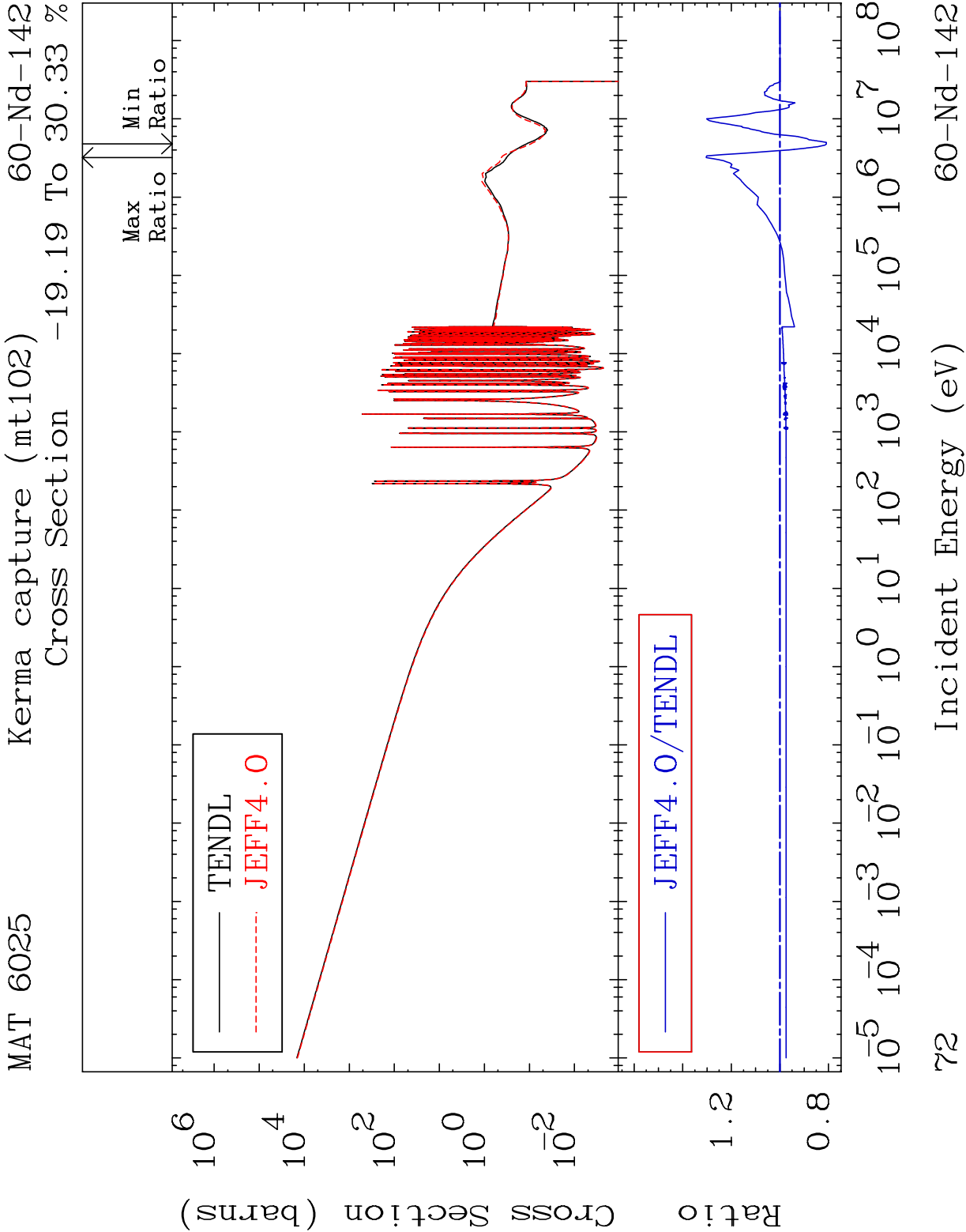


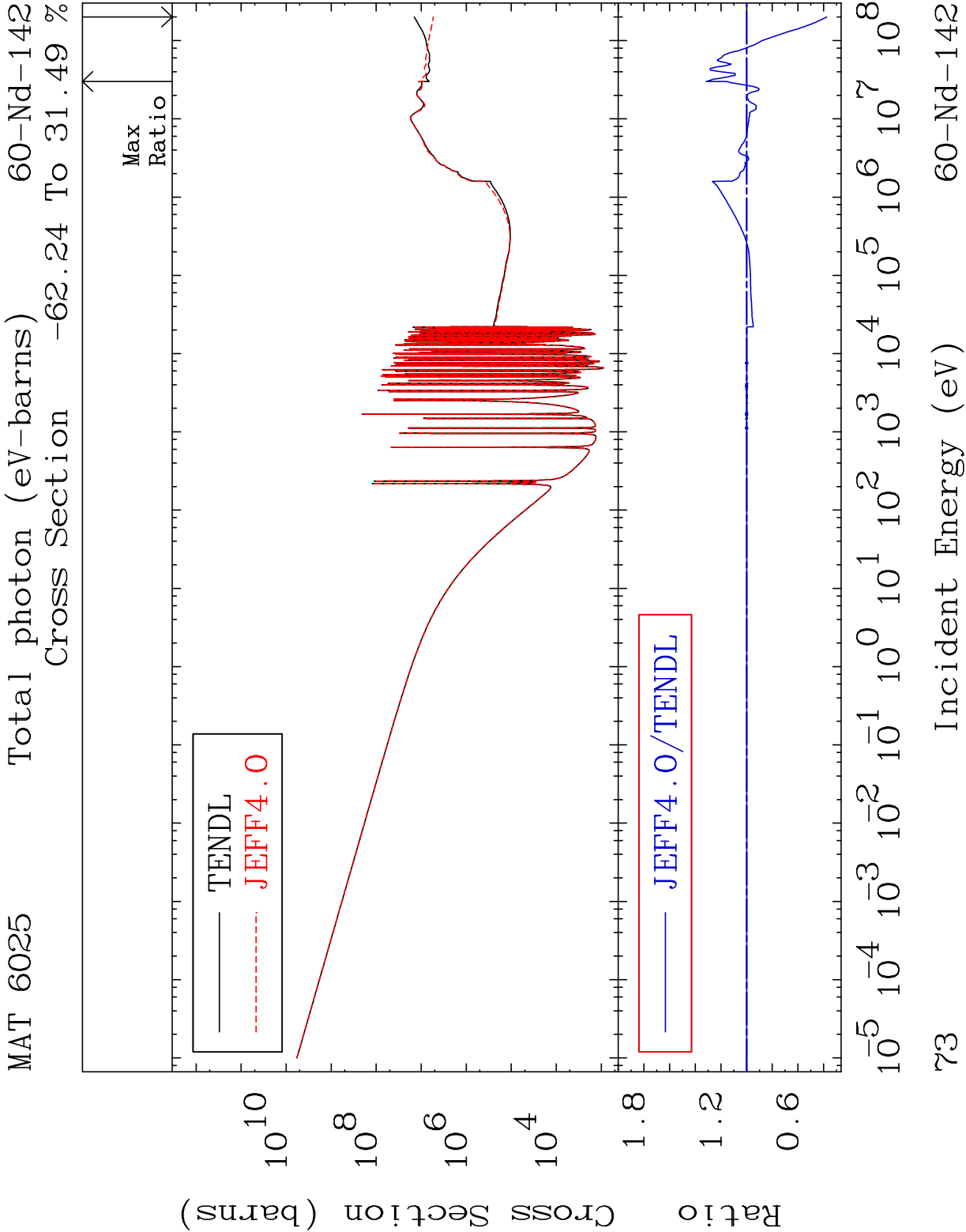


MAT 6025 Kerma fission (mt18 or mt19-20-21-38) 60-Nd-142
Cross Section -22.54 To 95.07 %

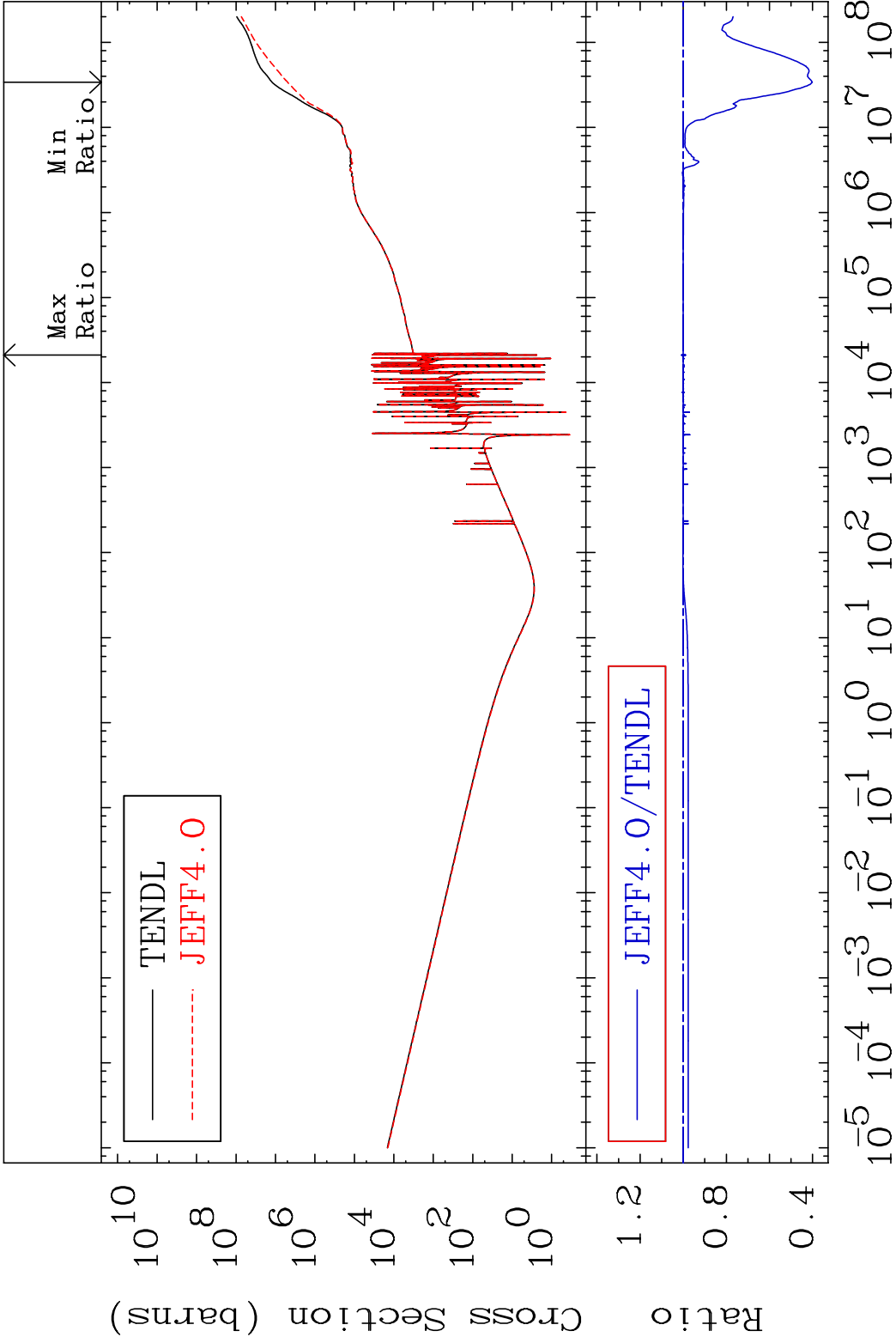


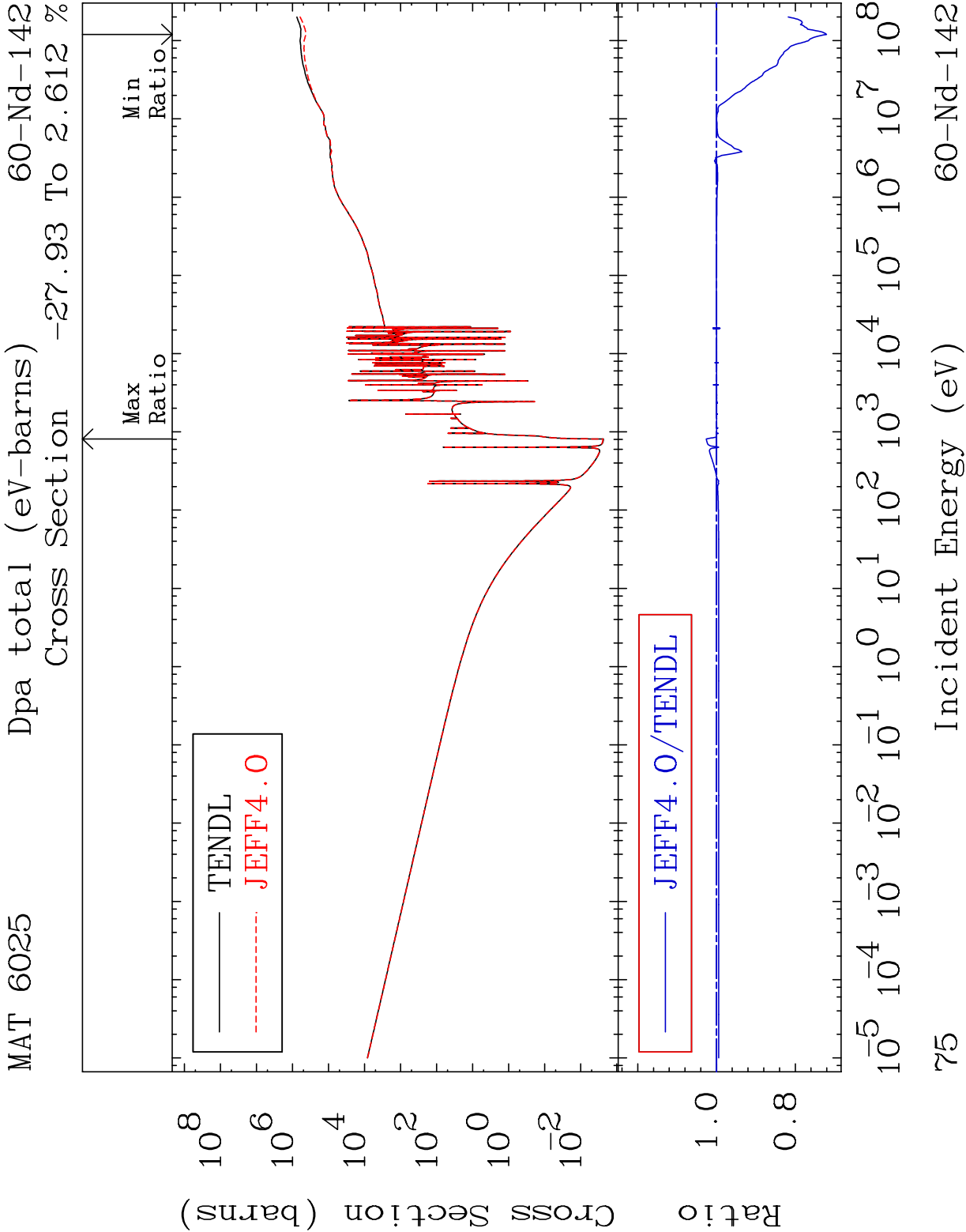
71 Incident Energy (eV) 60-Nd-142

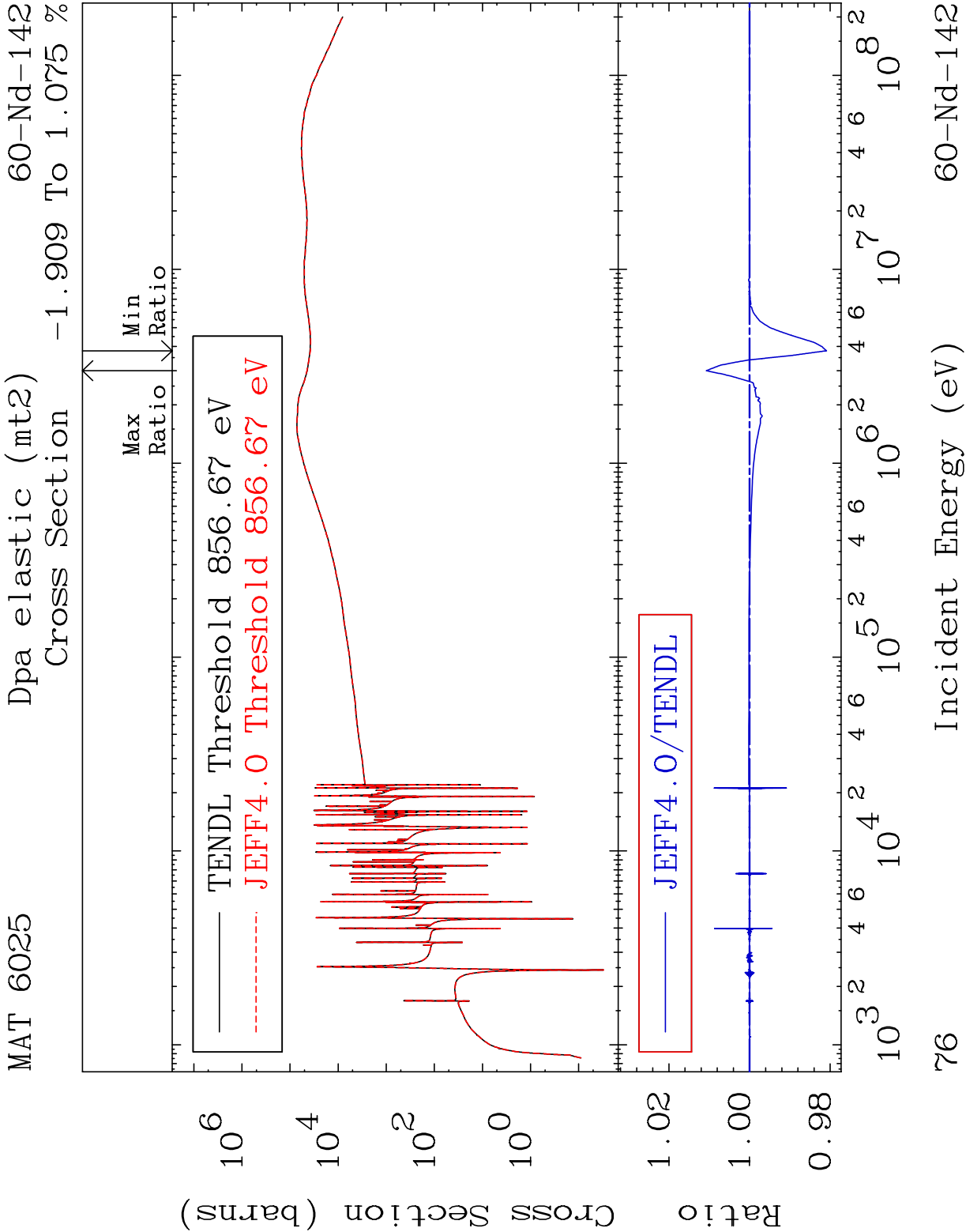


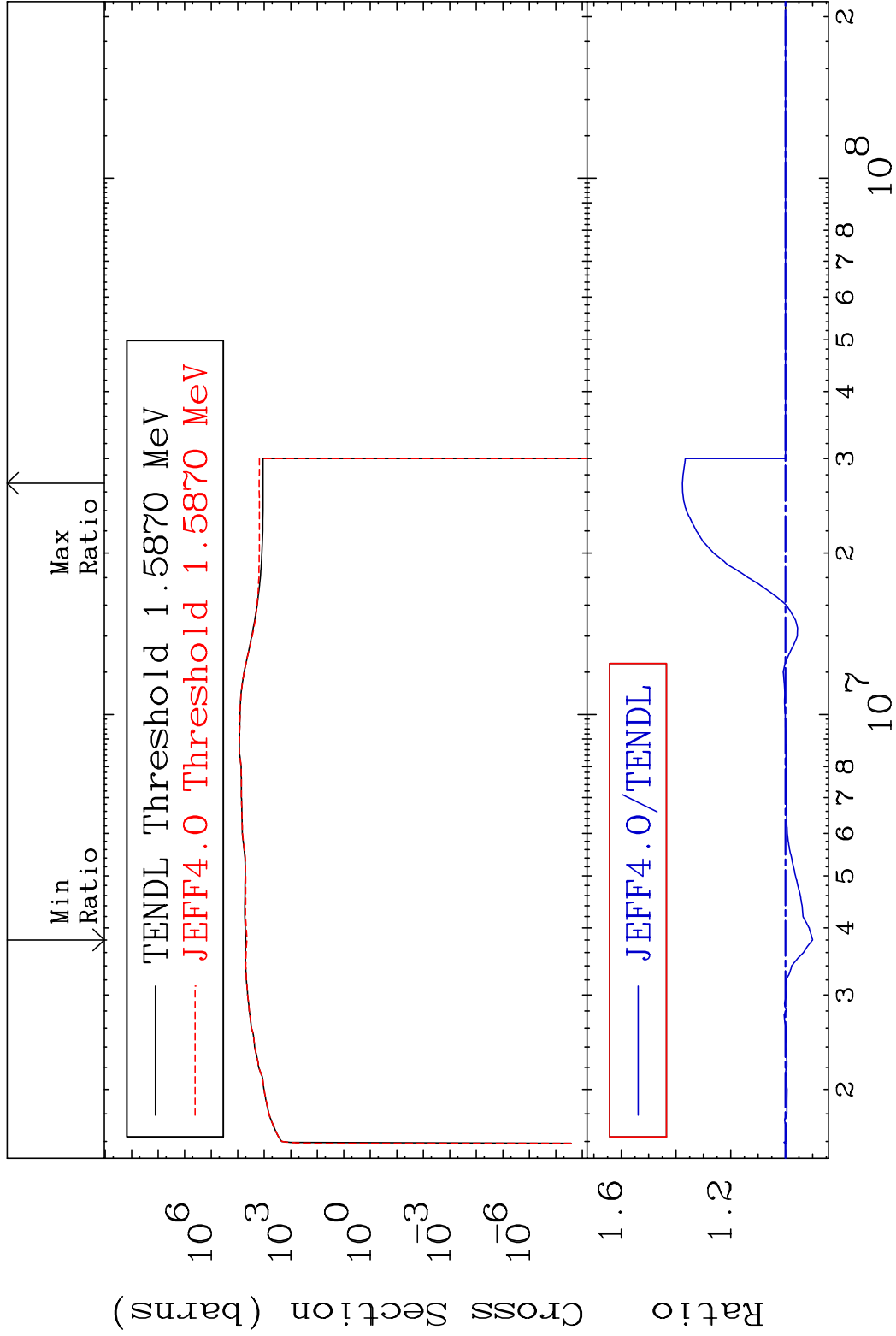


MAT 6025 Total kinematic kerma (high limit) 60-Nd-142
Cross Section -59.83 To 0.774 %

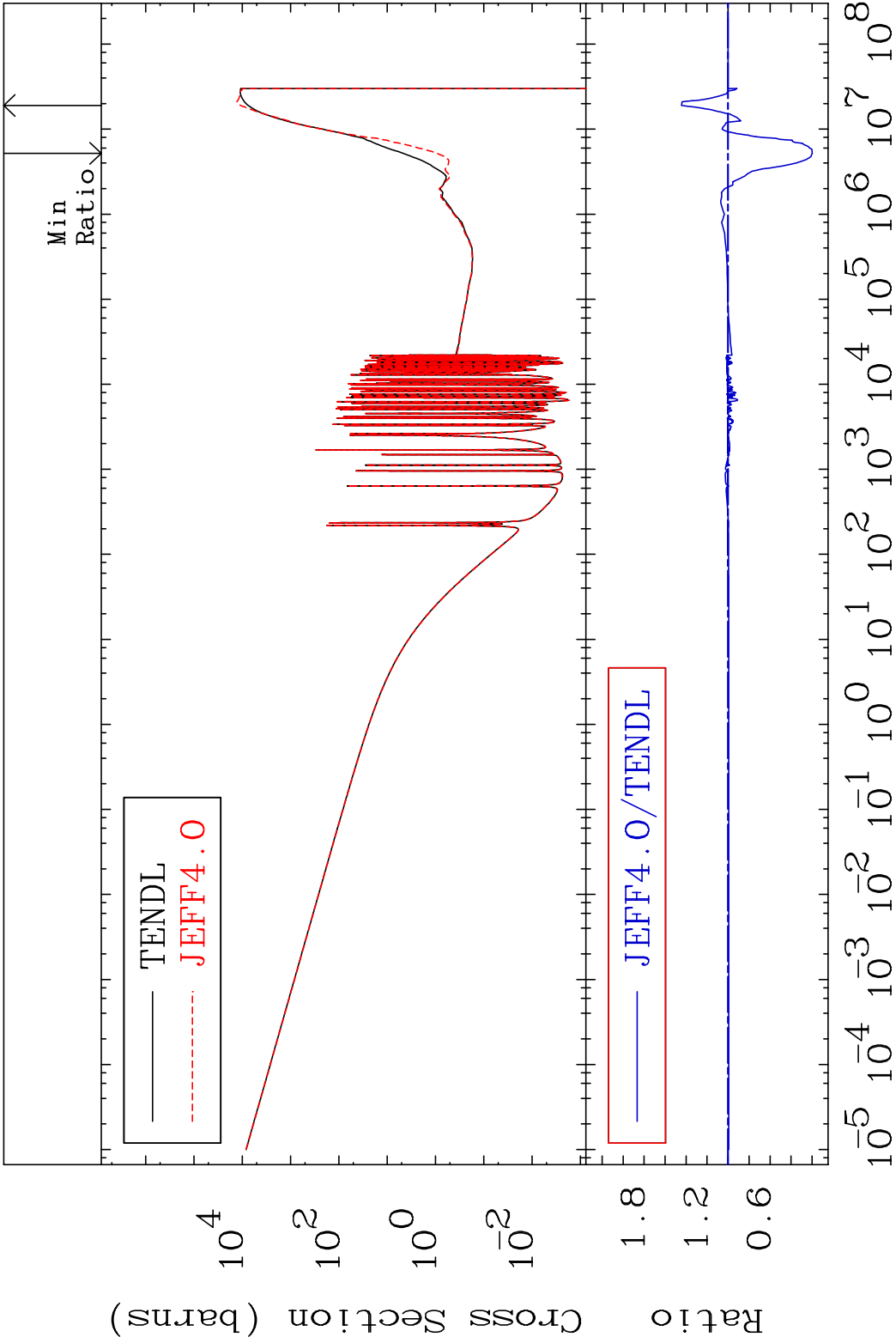








MAT 6025 Dpa disappearance (mt102 -120) 60-Nd-142
Cross Section -80.17 To 44.32 %



78 Incident Energy (eV) 60-Nd-142

