

Program Complot
(Version 2021-1)

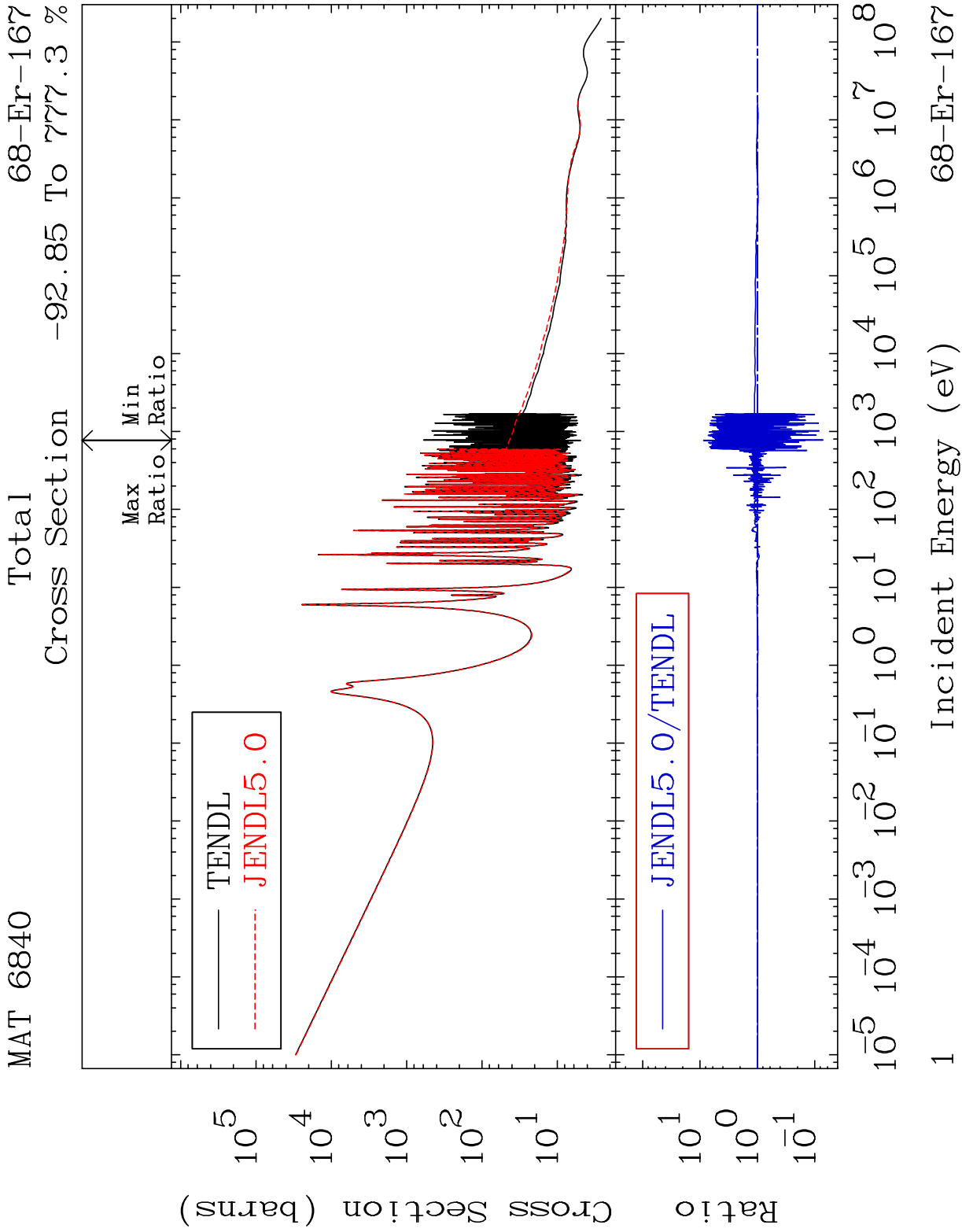
by

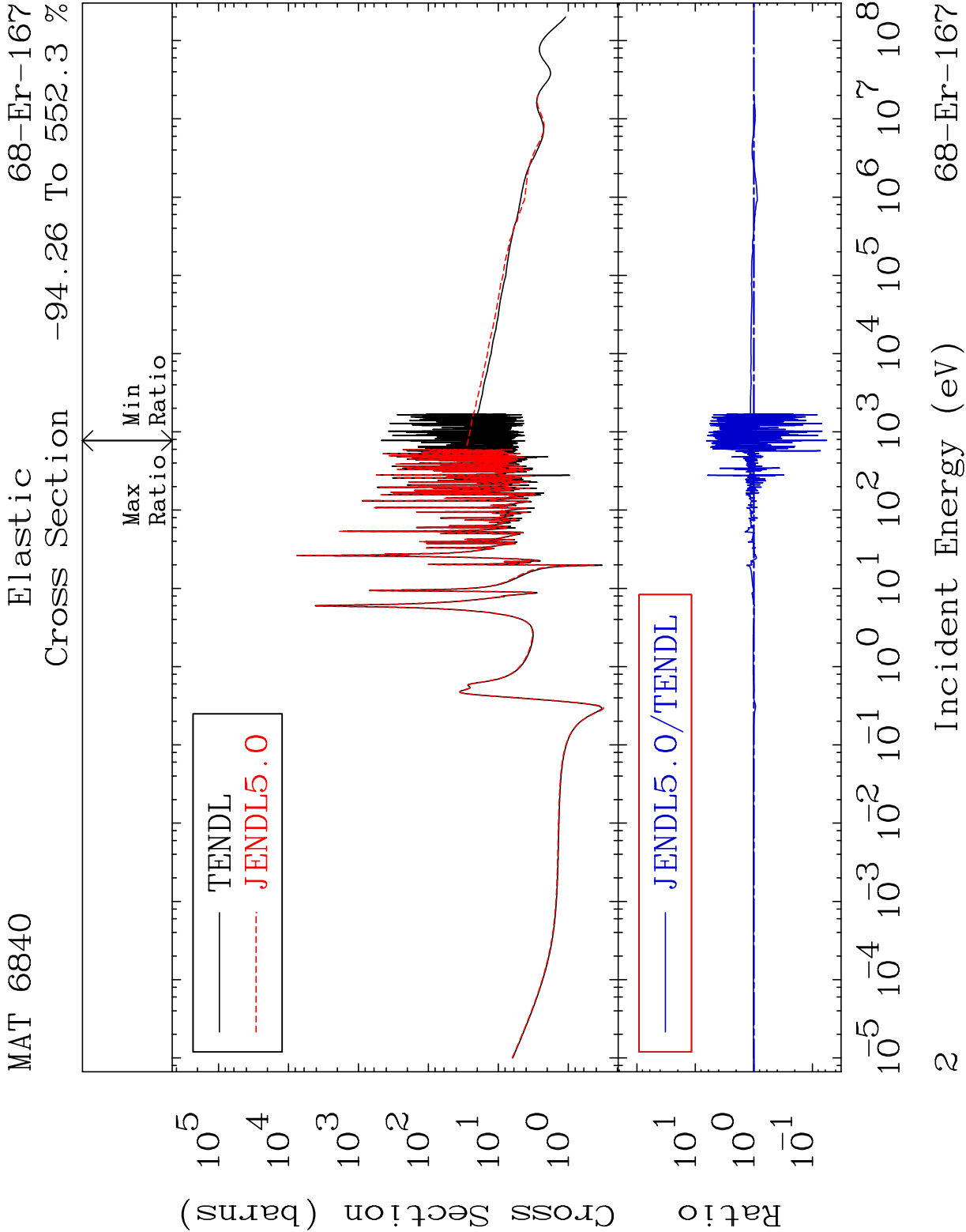
Dermott E. Cullen
(Present Contact Information)

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Press Mouse Button to Start





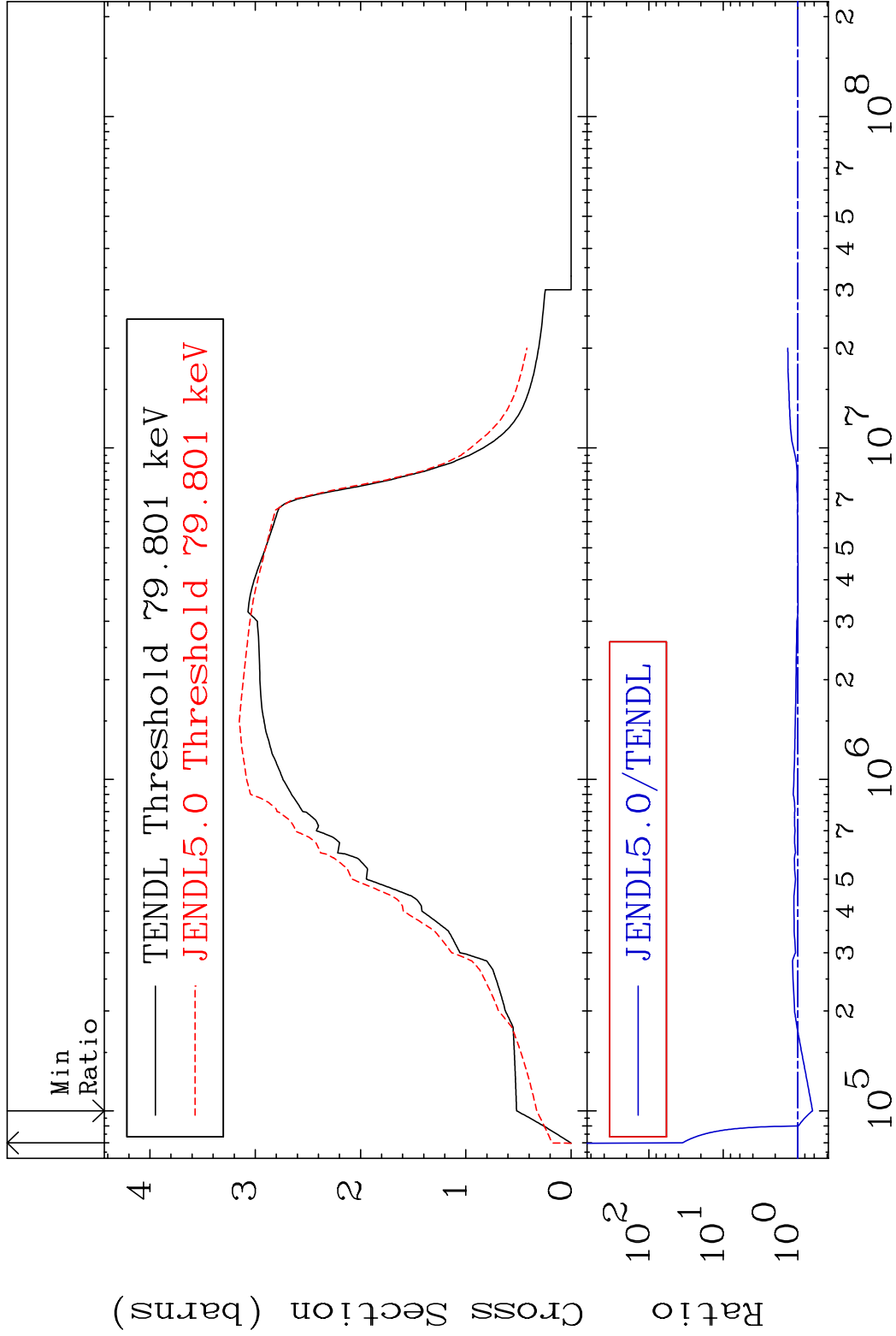
MAT 6840

Inelastic

68-Er-167

Cross Section

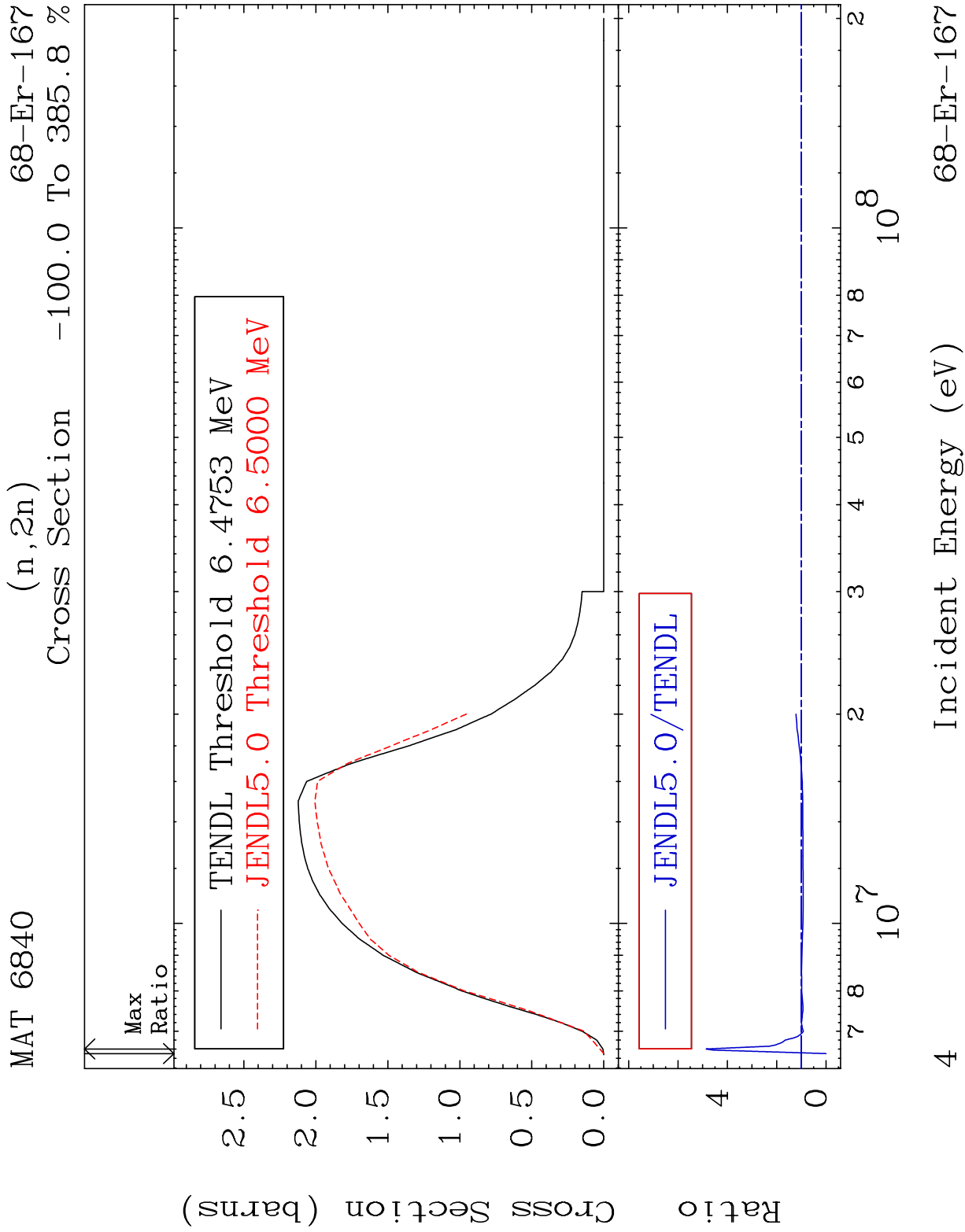
-36.86 To 3451. %

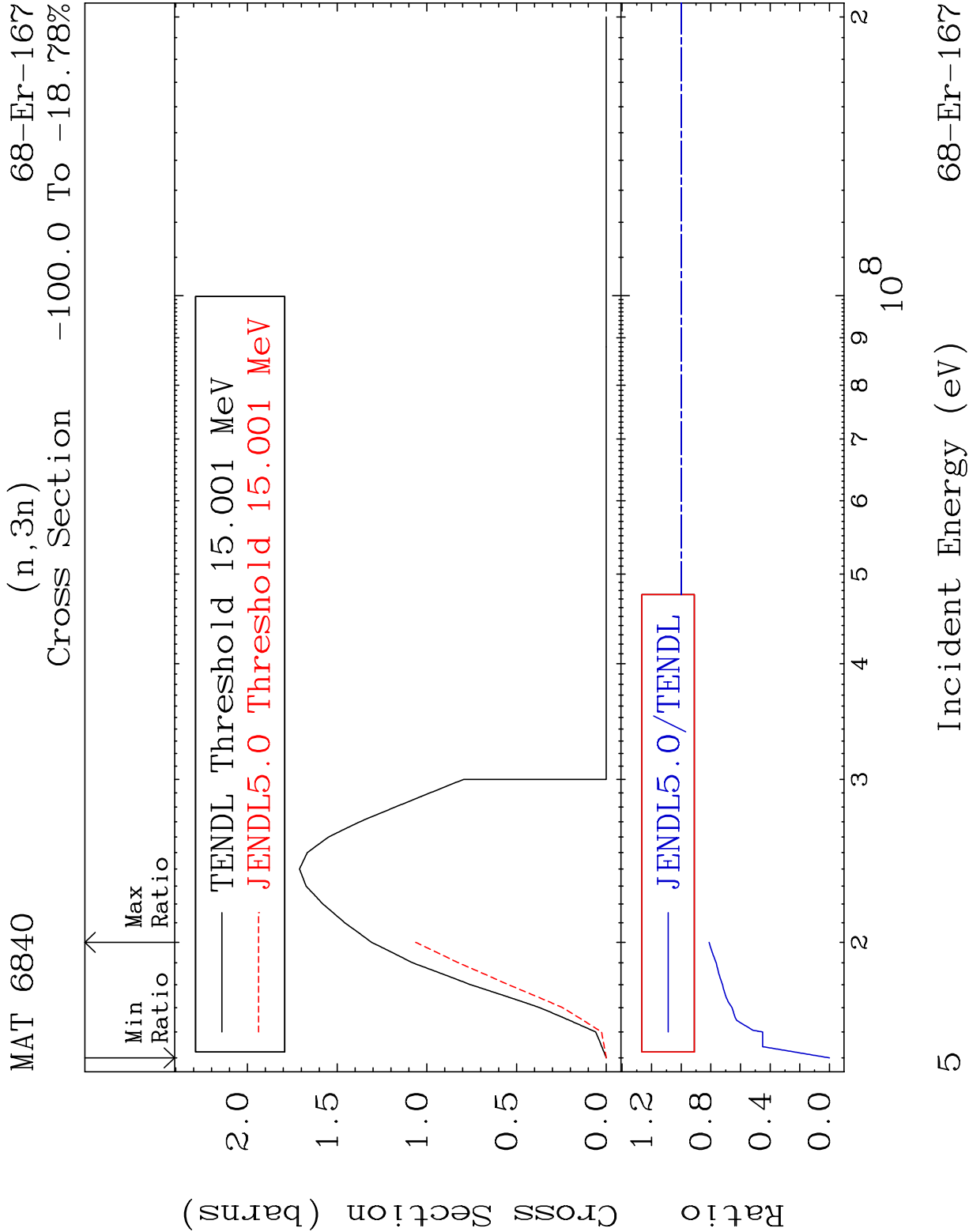


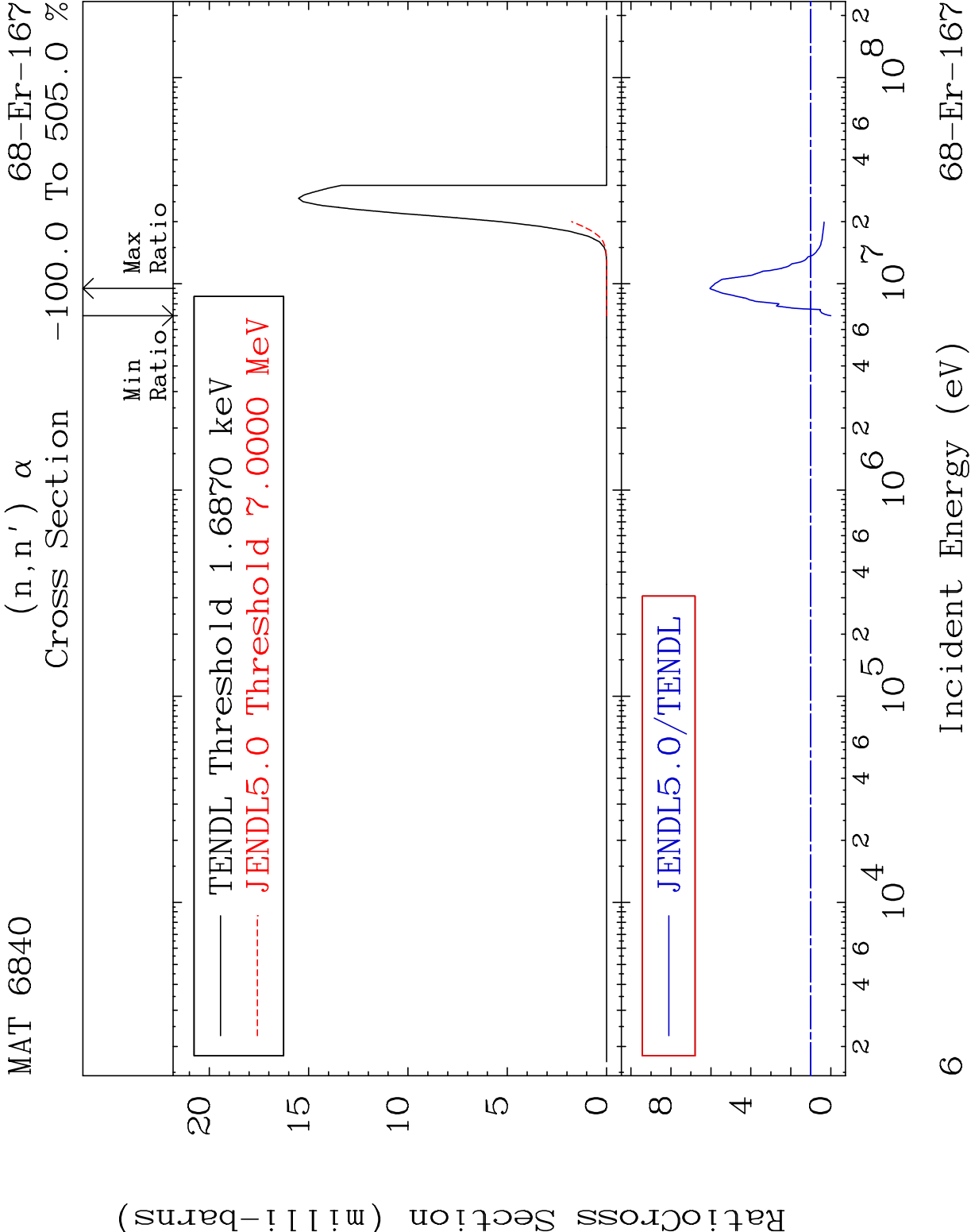
3

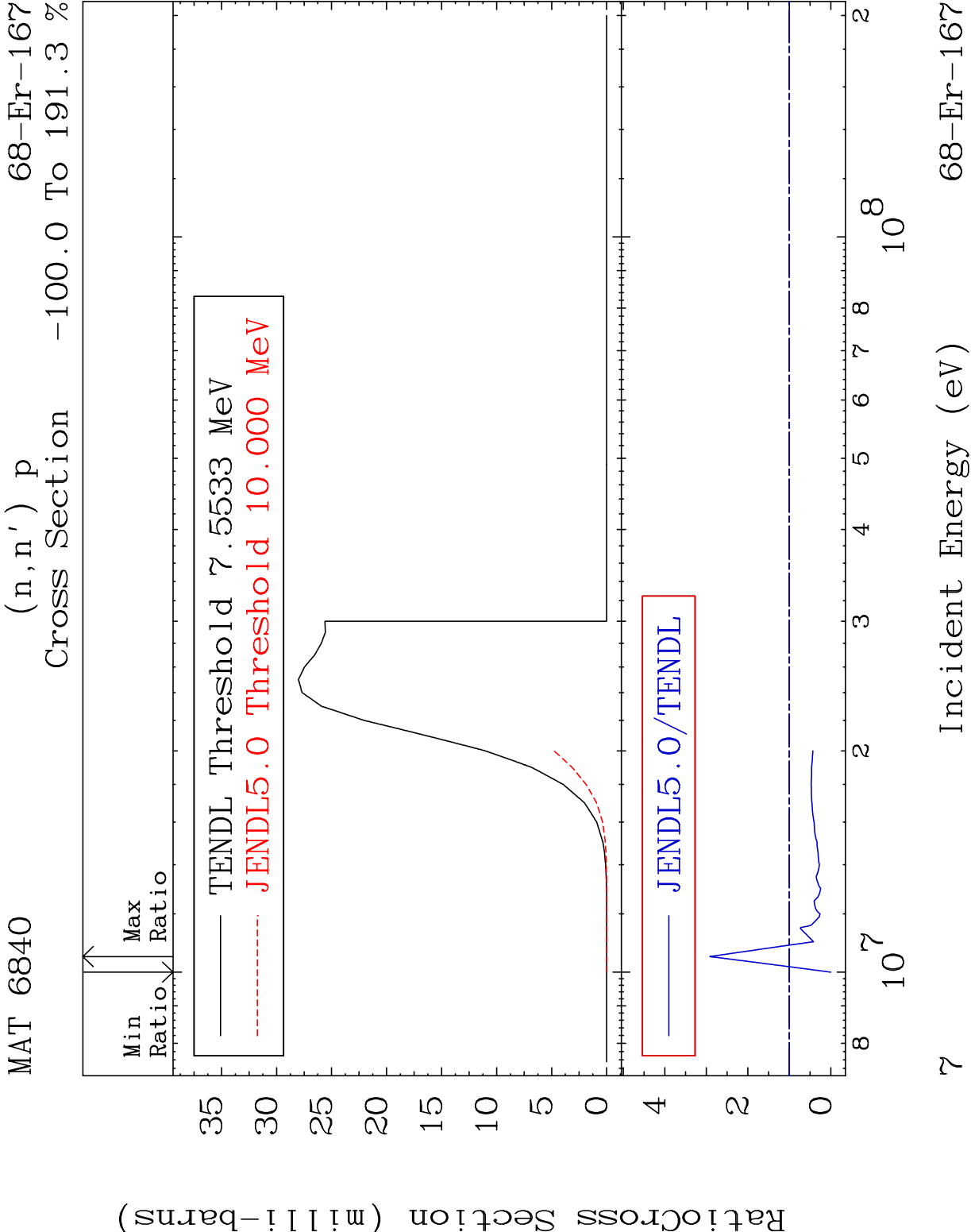
Incident Energy (eV)

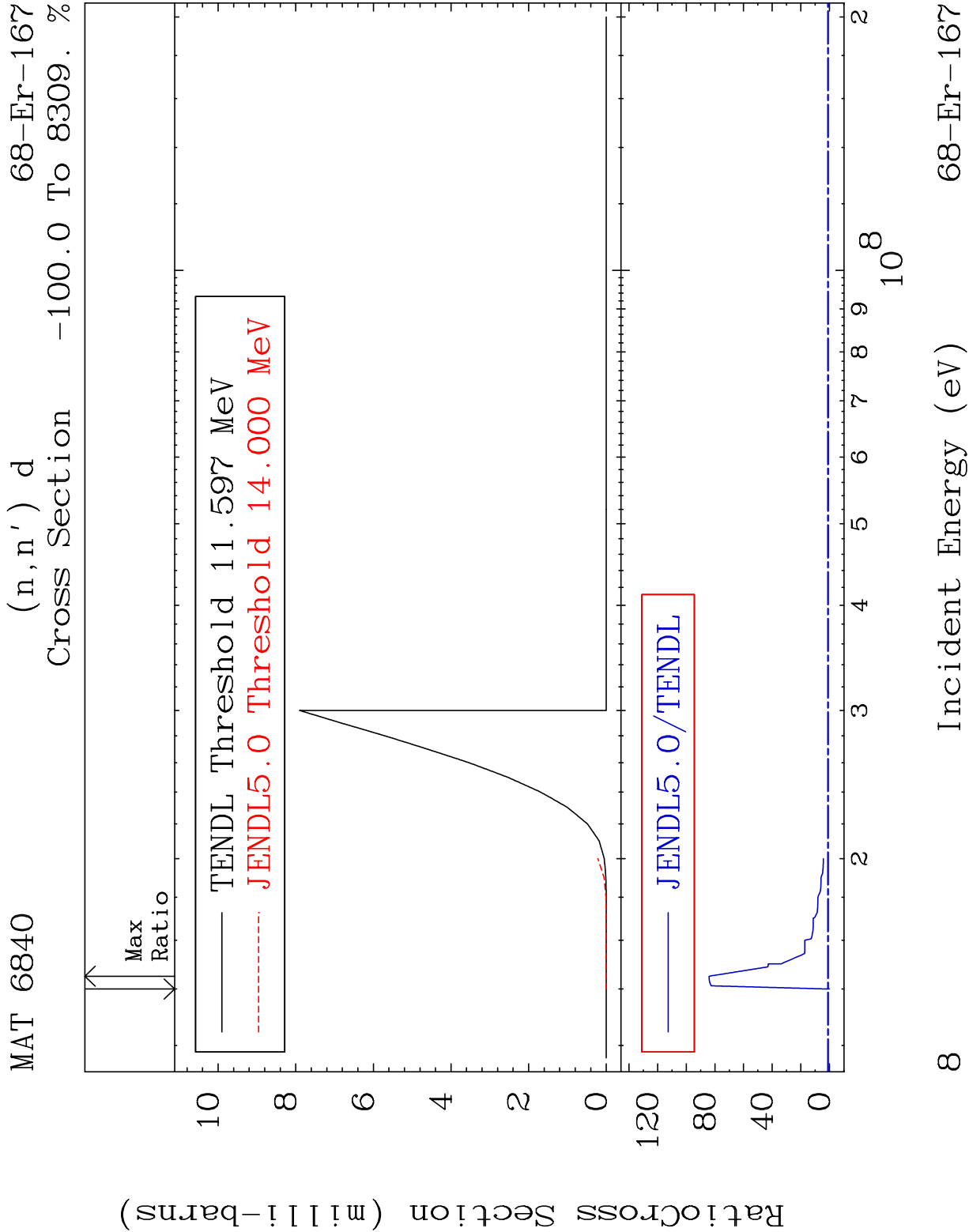
68-Er-167



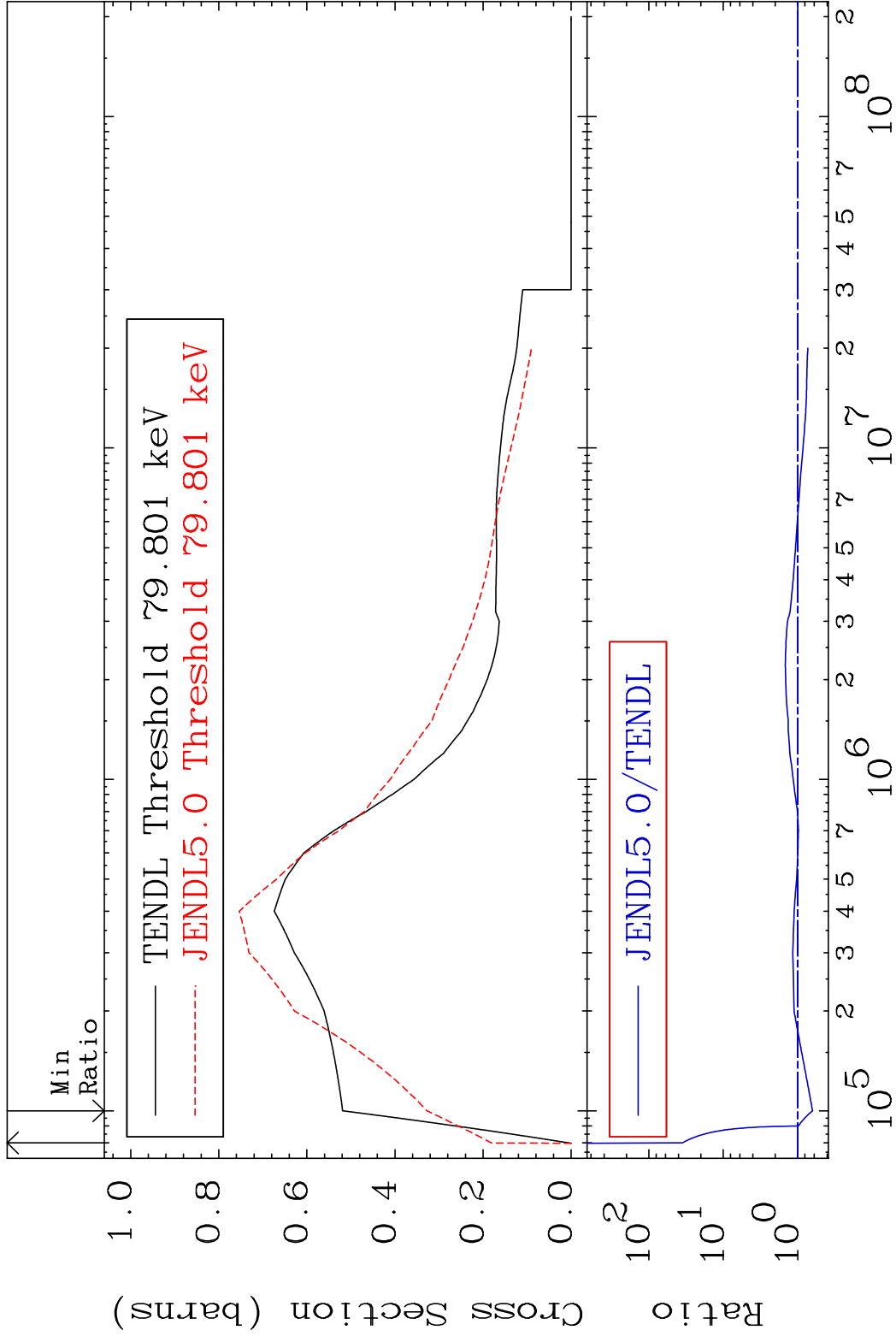


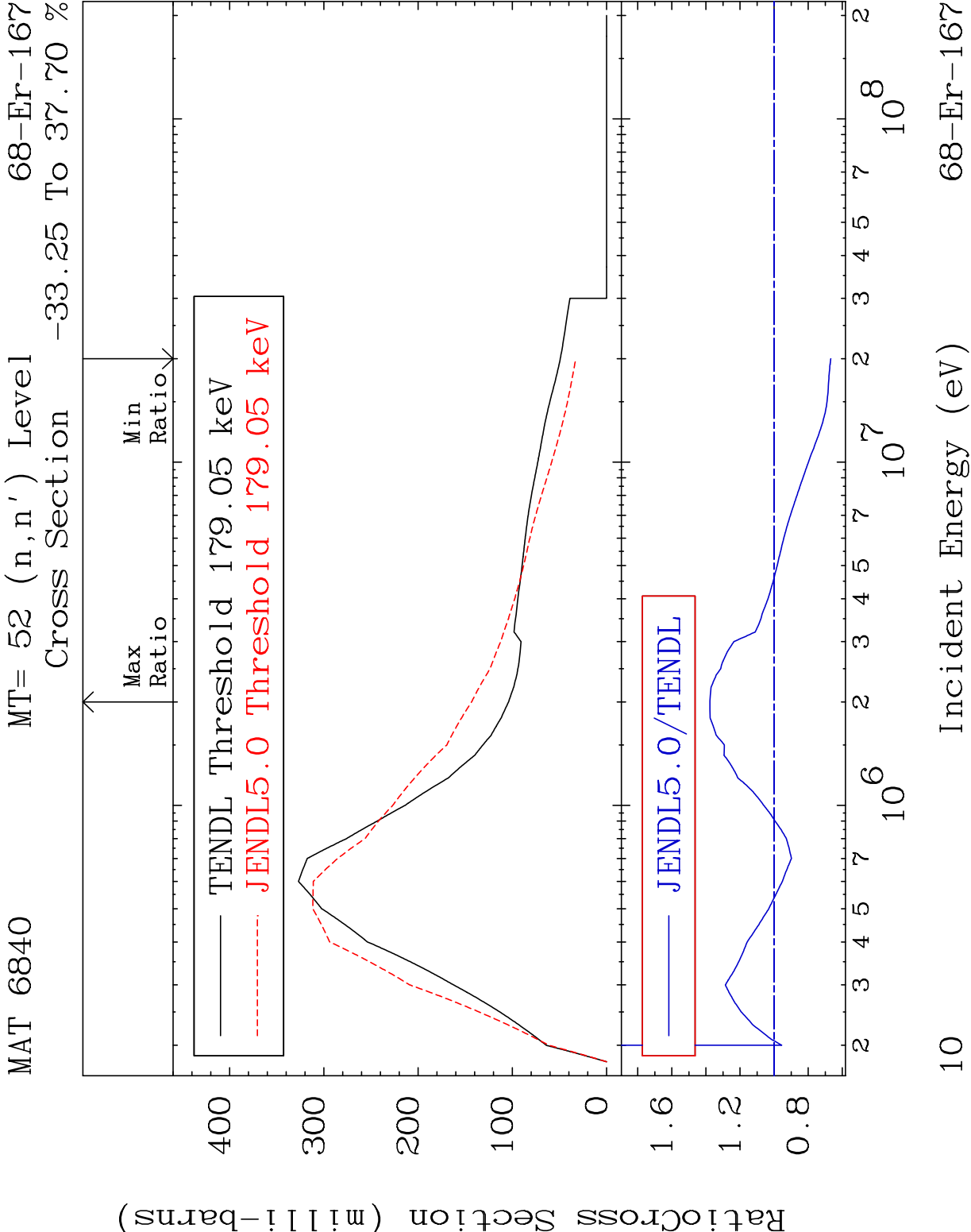




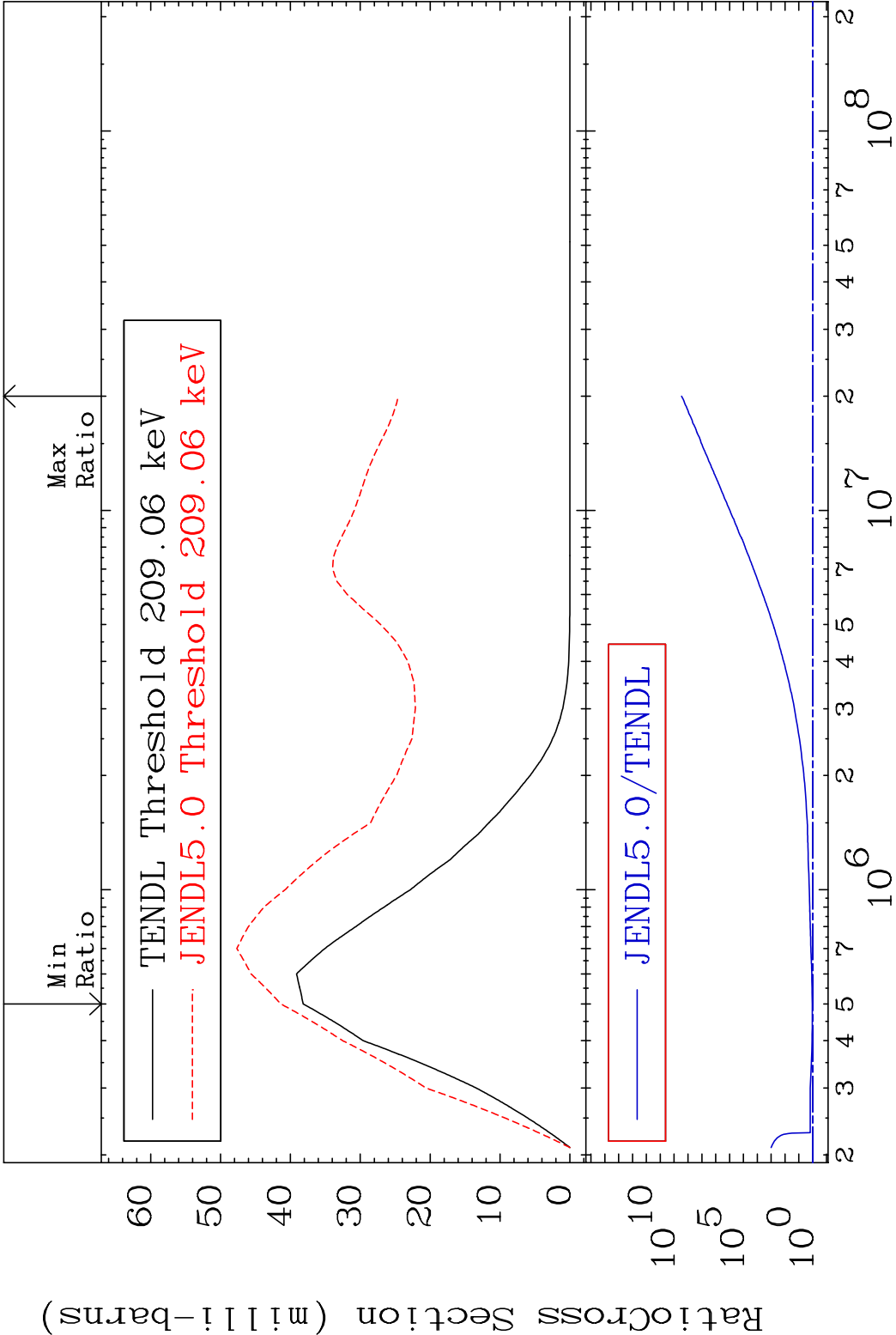


MAT 6840 MT= 51 (n,n') Level 68-Er-167
Cross Section -36.86 To 3451. %

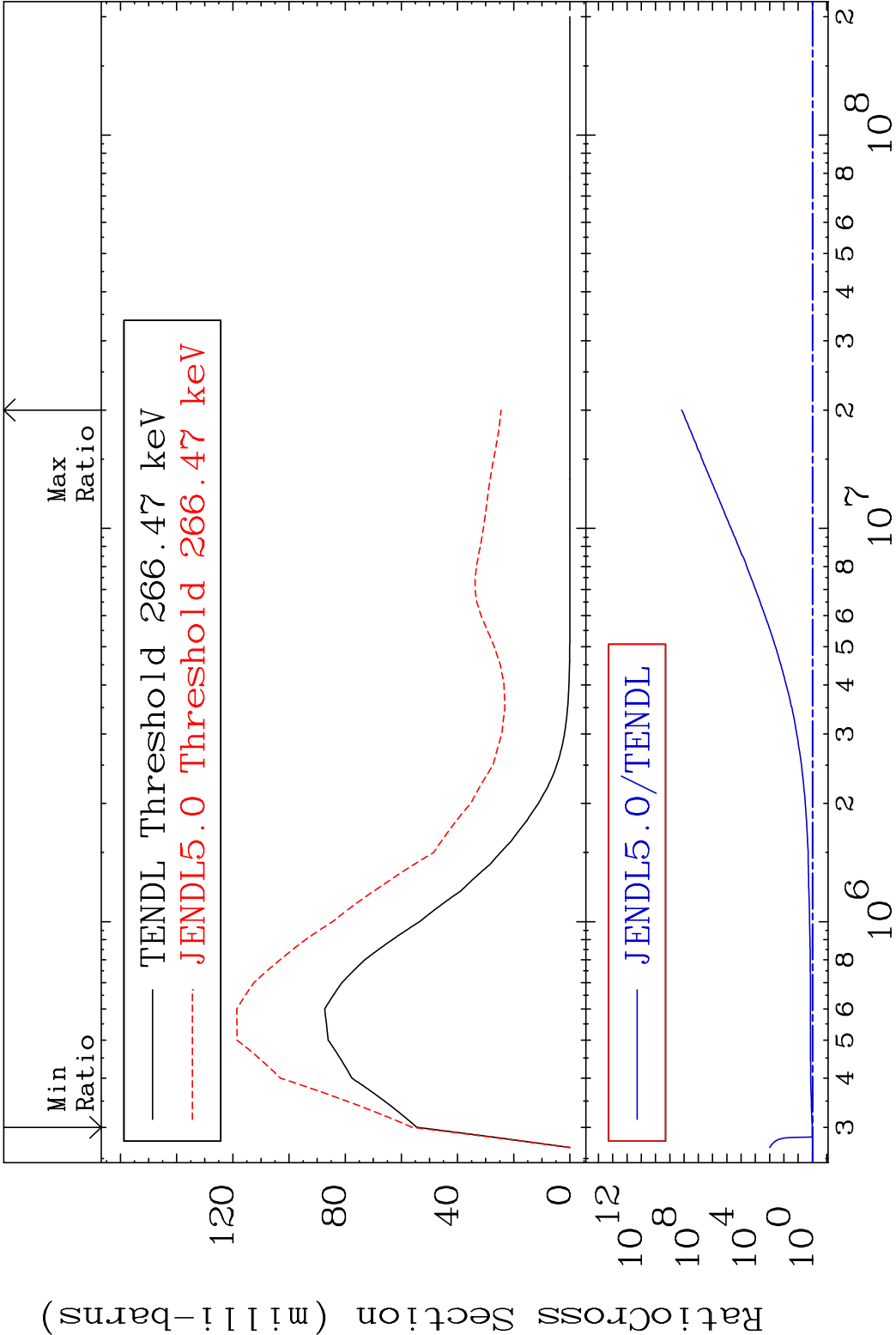




MAT 6840	MT= 53 (n,n')	Level	68-Er-167
	Cross Section	8.421	To 9999. %



MAT 6840 MT= 54 (n,n') Level 68-Er-167
Cross Section 2.947 To 9999. %



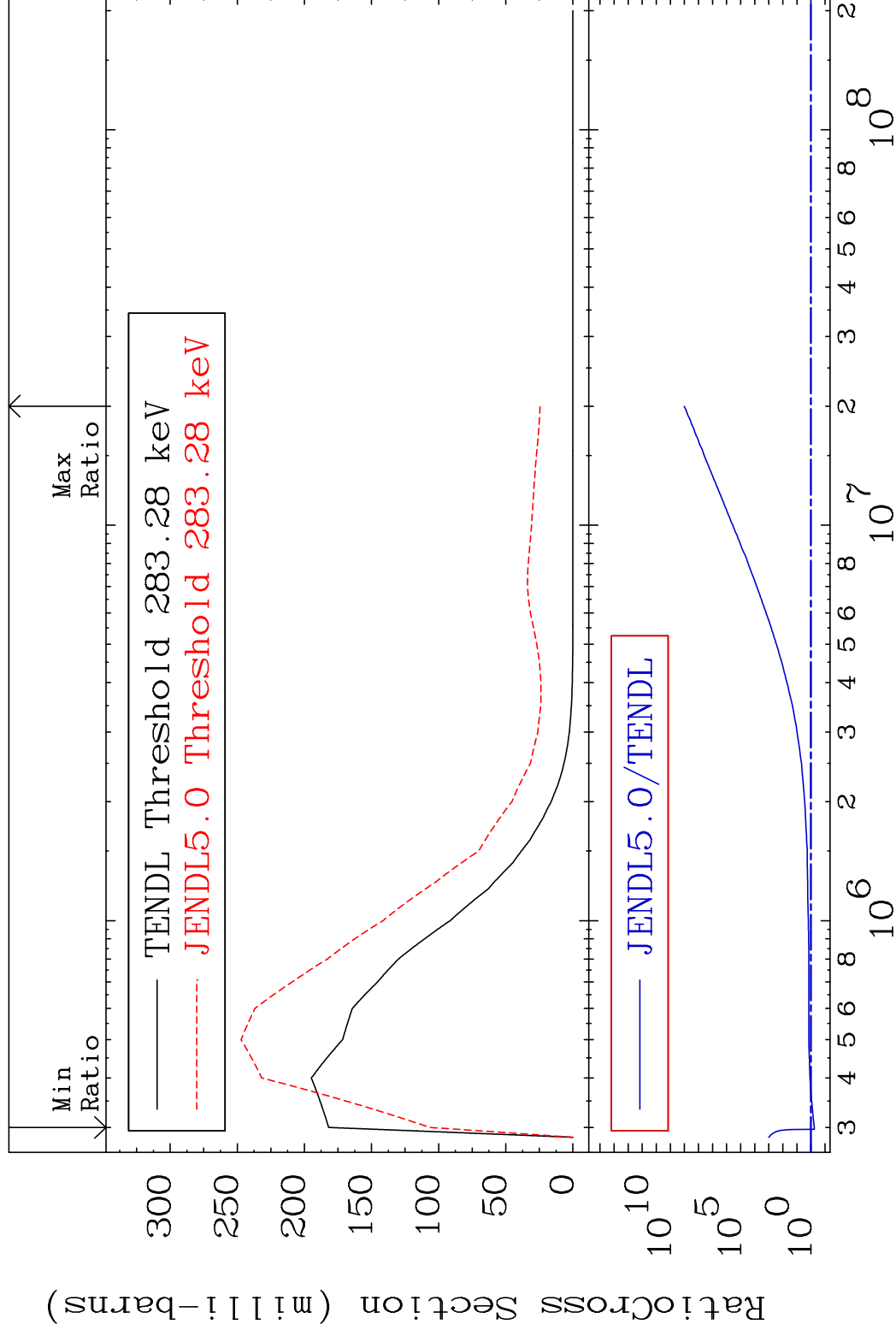
12 Incident Energy (eV) 68-Er-167

MAT 6840

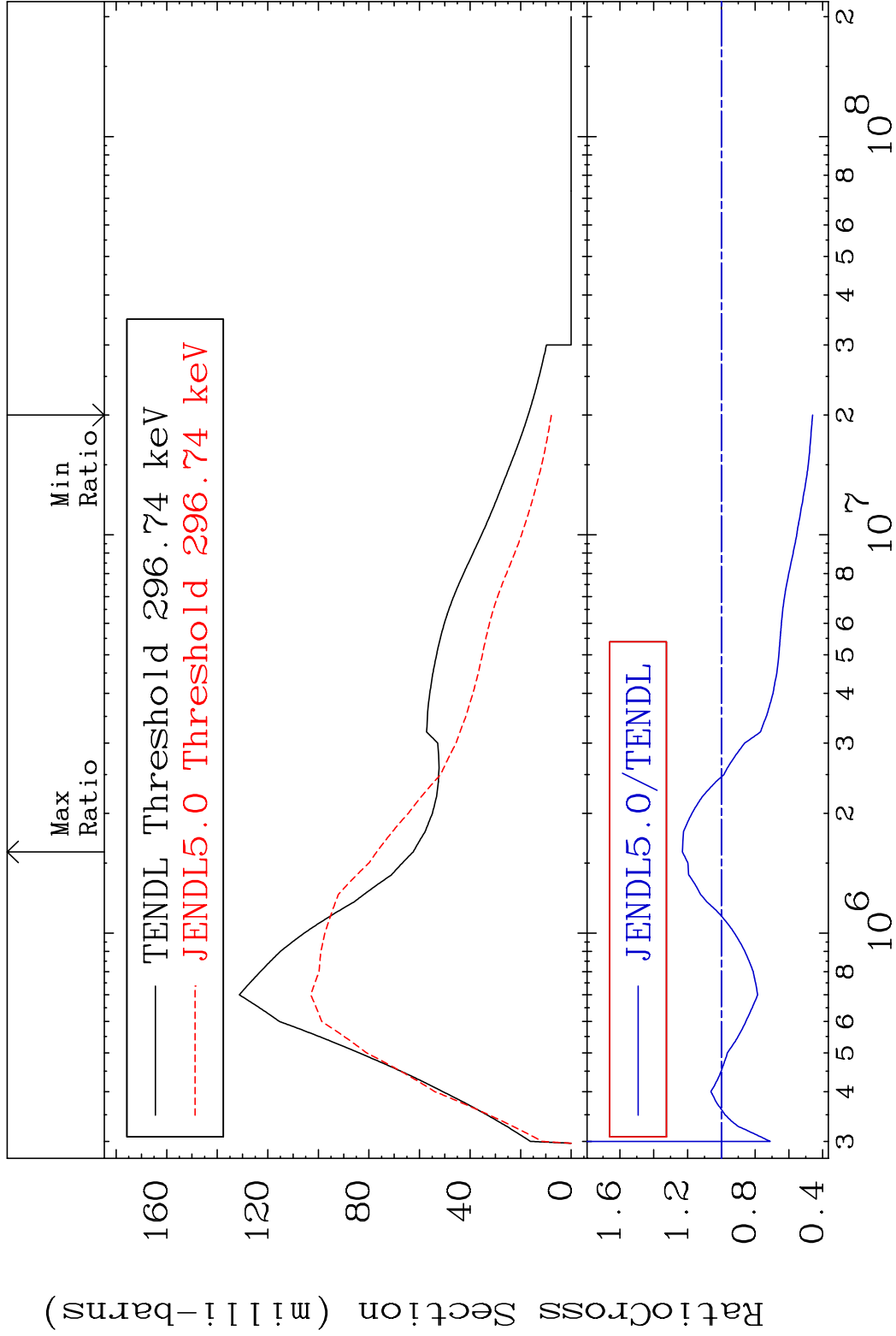
MT= 55 (n, n') Level

68-Er-167

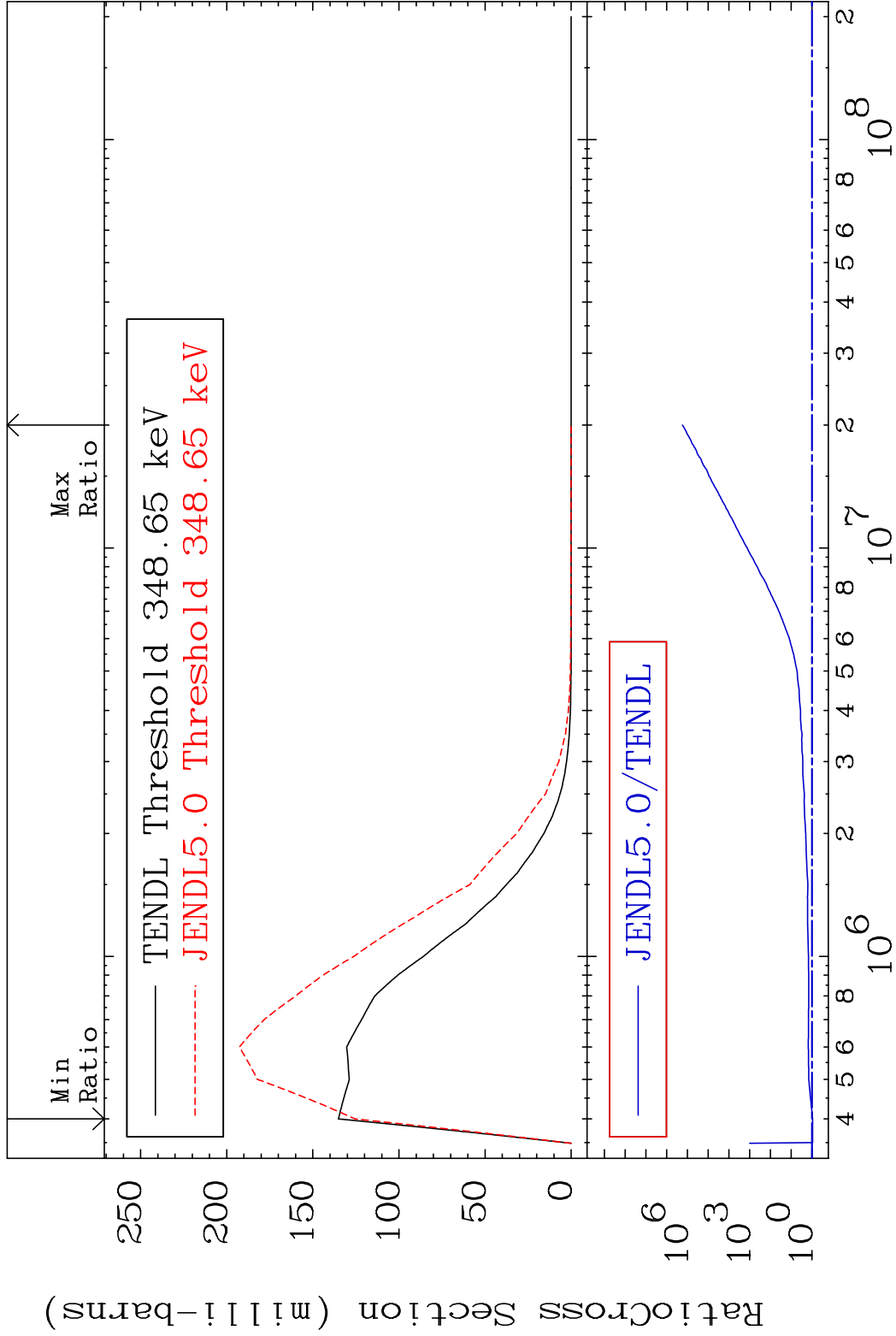
Cross Section -41.41 To 9999. %



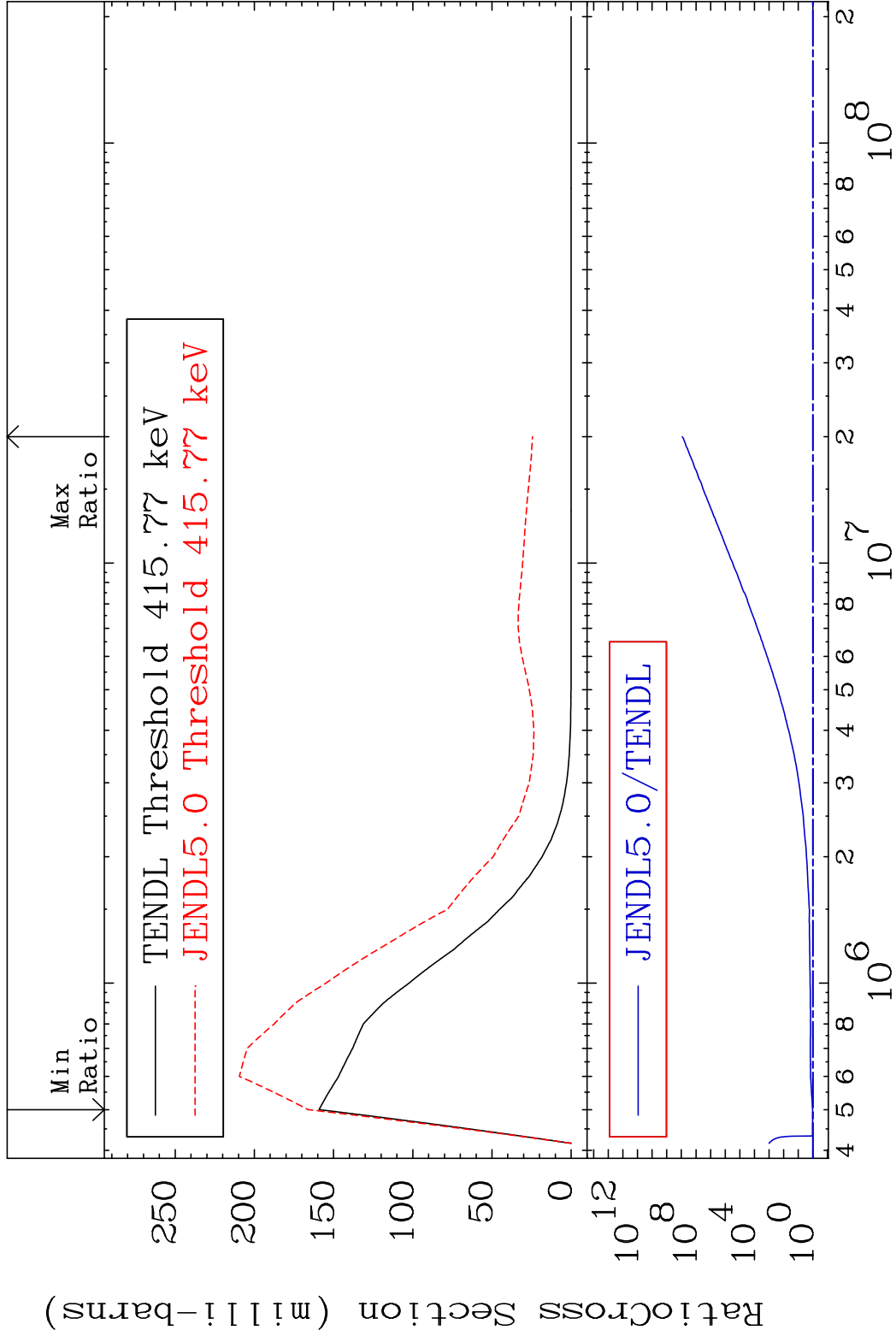
MAT 6840 MT= 56 (n,n') Level 68-Er-167
Cross Section -53.98 To 23.07 %



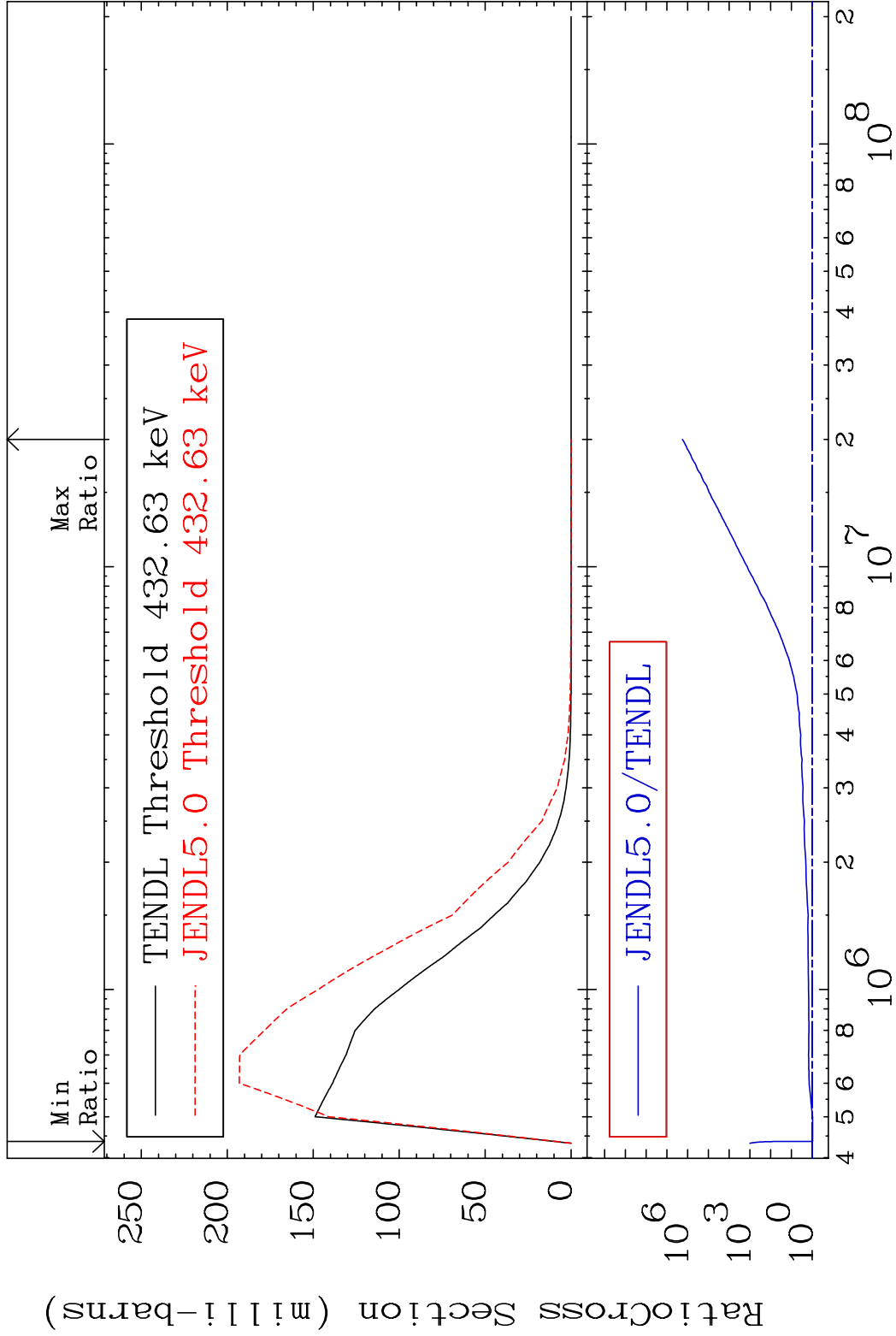
MAT 6840 MT= 57 (n,n') Level 68-Er-167
Cross Section -7.156 To 9999. %



MAT 6840 MT= 58 (n,n') Level 68-Er-167
Cross Section 4.352 To 9999. %



MAT 6840 MT= 59 (n,n') Level 68-Er-167
Cross Section -5.336 To 9999. %



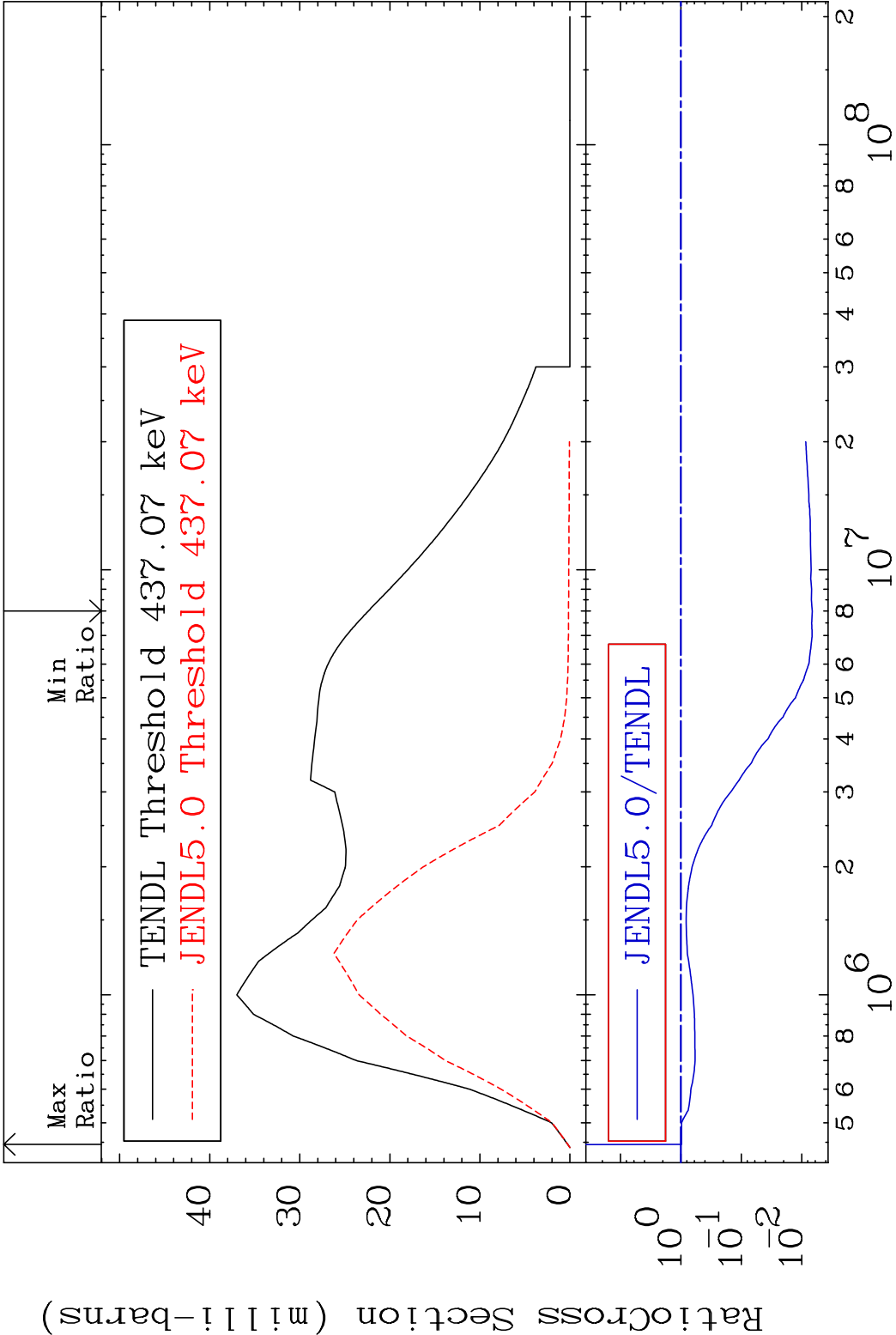
MAT 6840

MT= 60 (n,n') Level

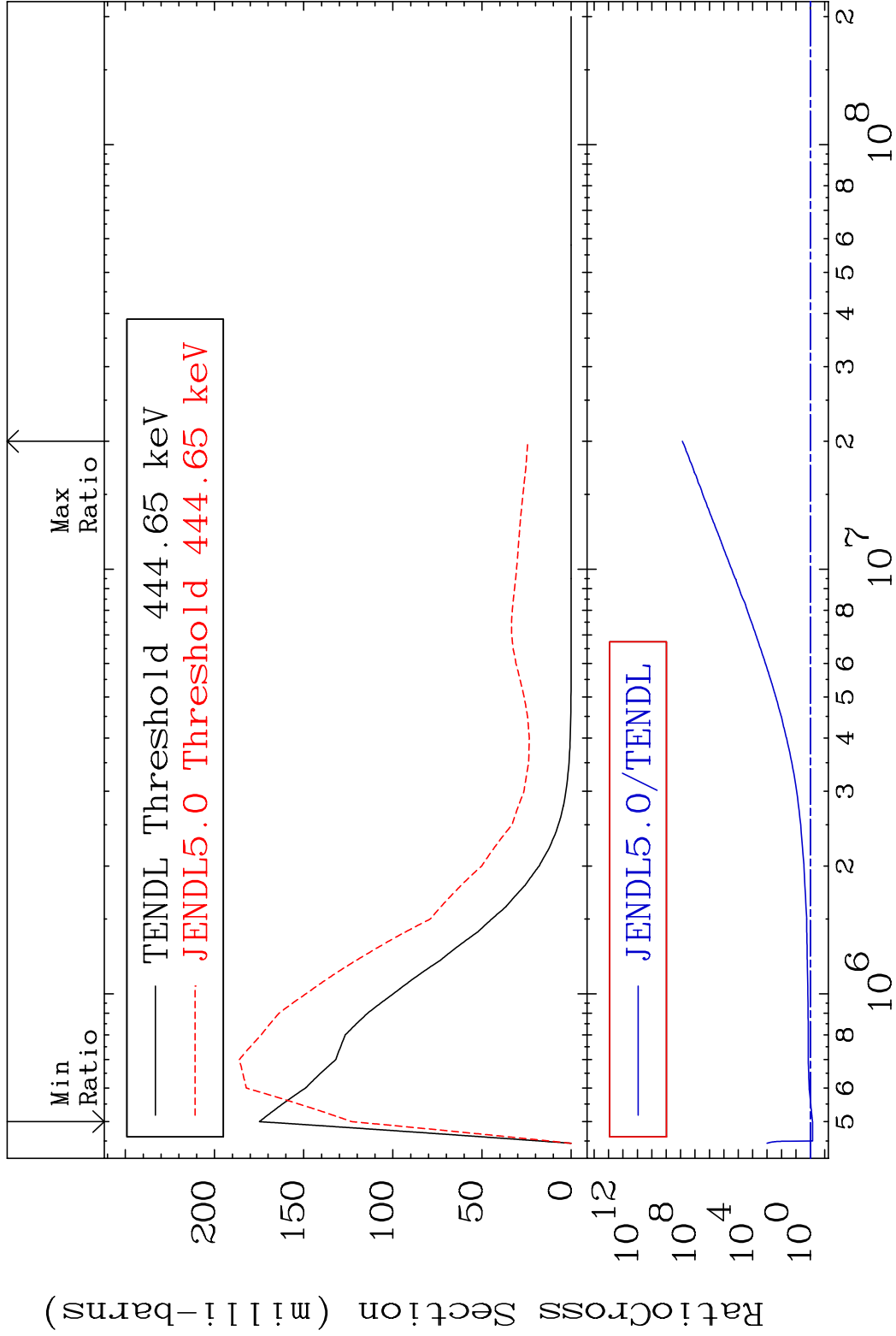
68-Er-167

Cross Section

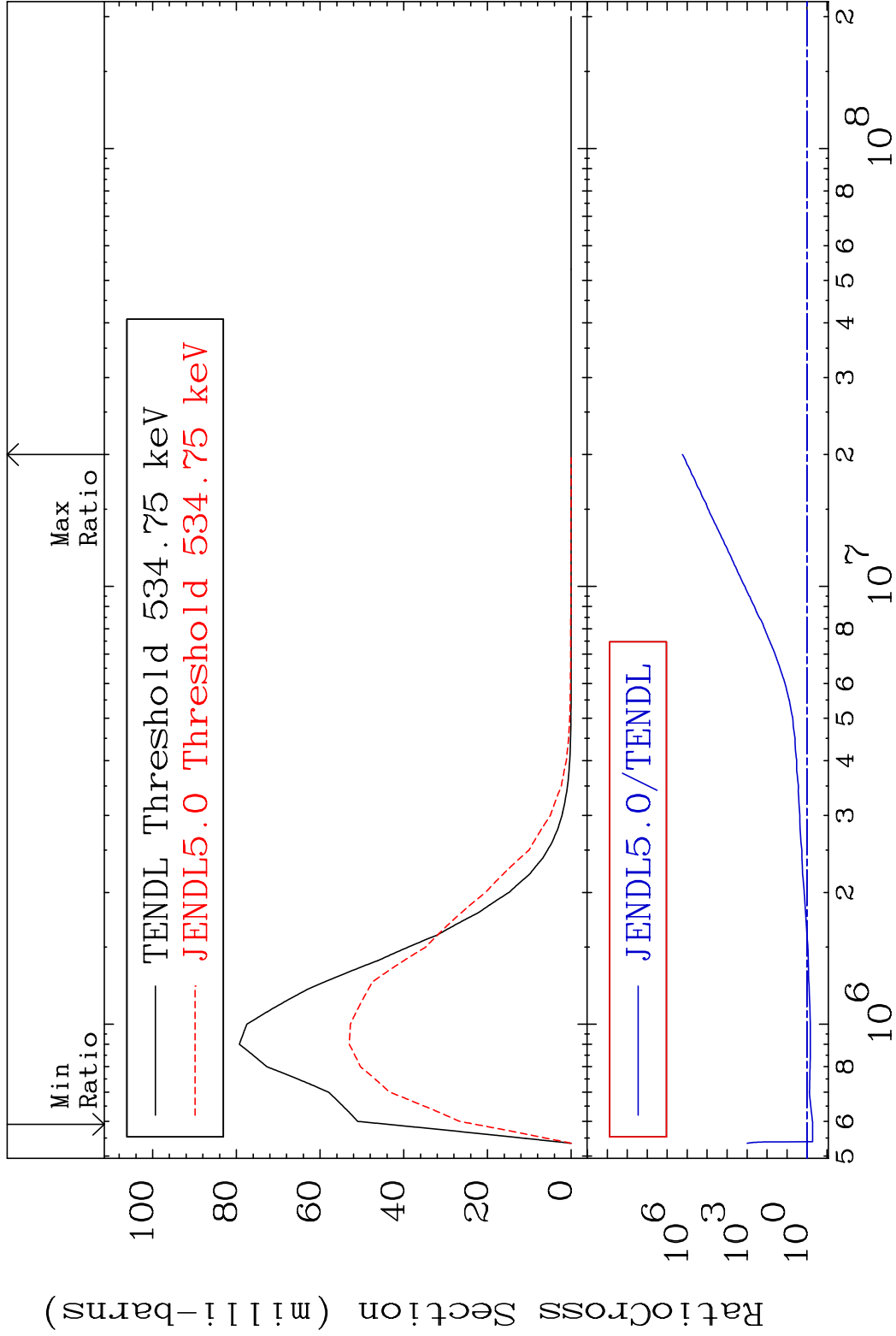
-99.33 To -2.136%



MAT 6840 MT= 61 (n,n') Level 68-Er-167
Cross Section -29.64 To 9999. %

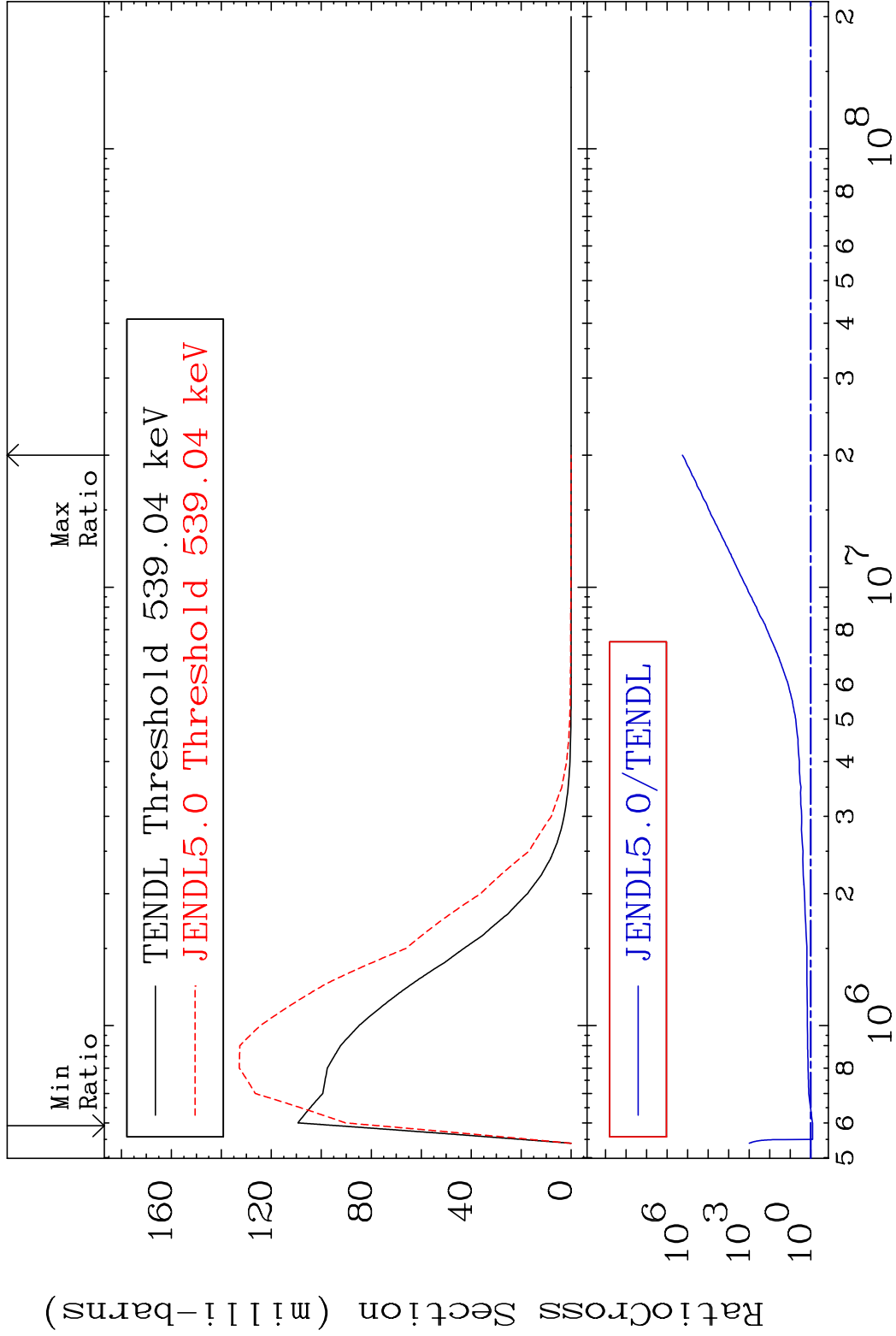


MAT 6840 MT= 62 (n,n') Level 68-Er-167
Cross Section -47.77 To 9999. %



20 Incident Energy (eV) 68-Er-167

MAT 6840 MT= 63 (n,n') Level 68-Er-167
Cross Section -17.38 To 9999. %



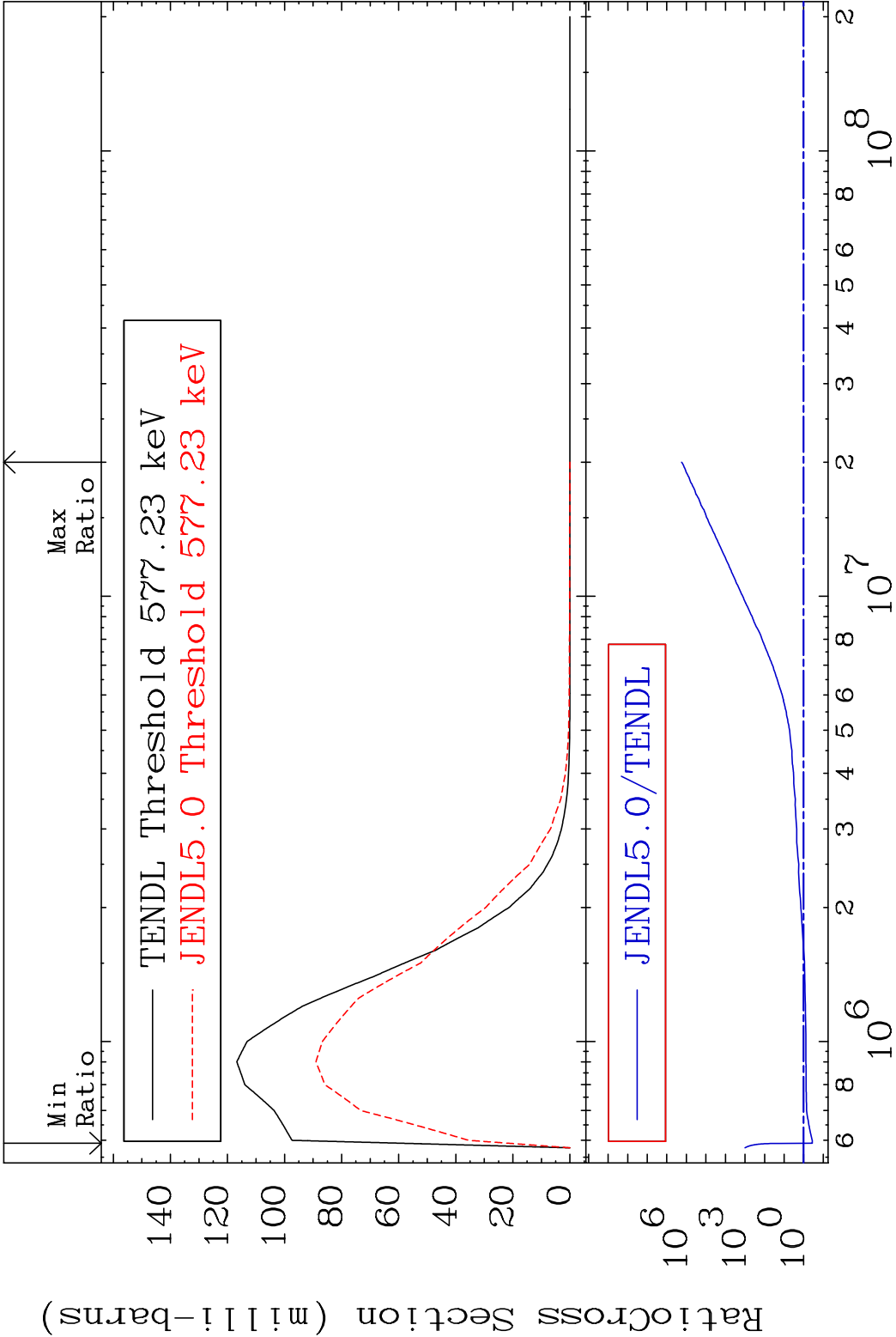
MAT 6840

MT= 64 (n,n') Level

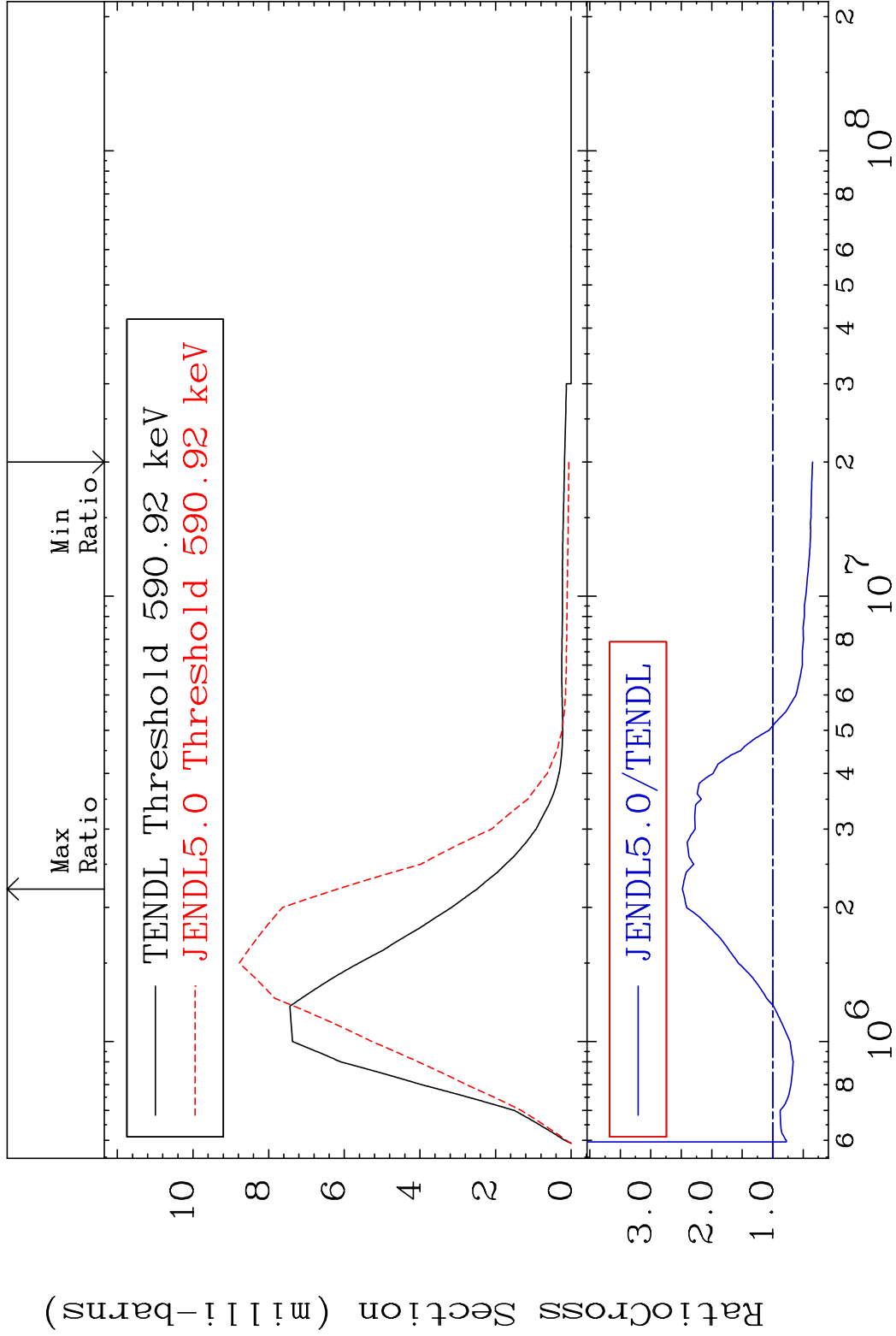
68-Er-167

Cross Section

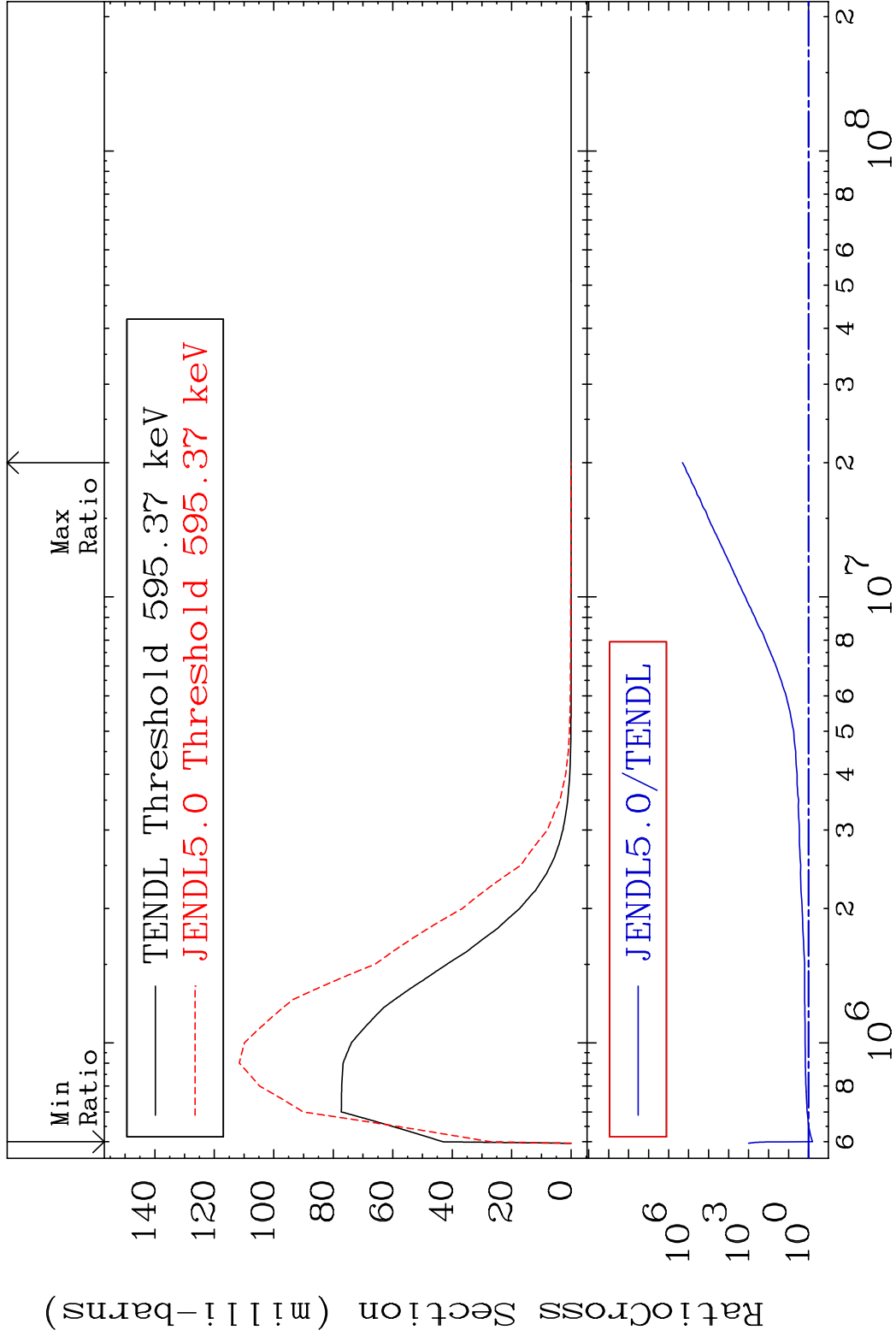
-63.49 To 9999. %



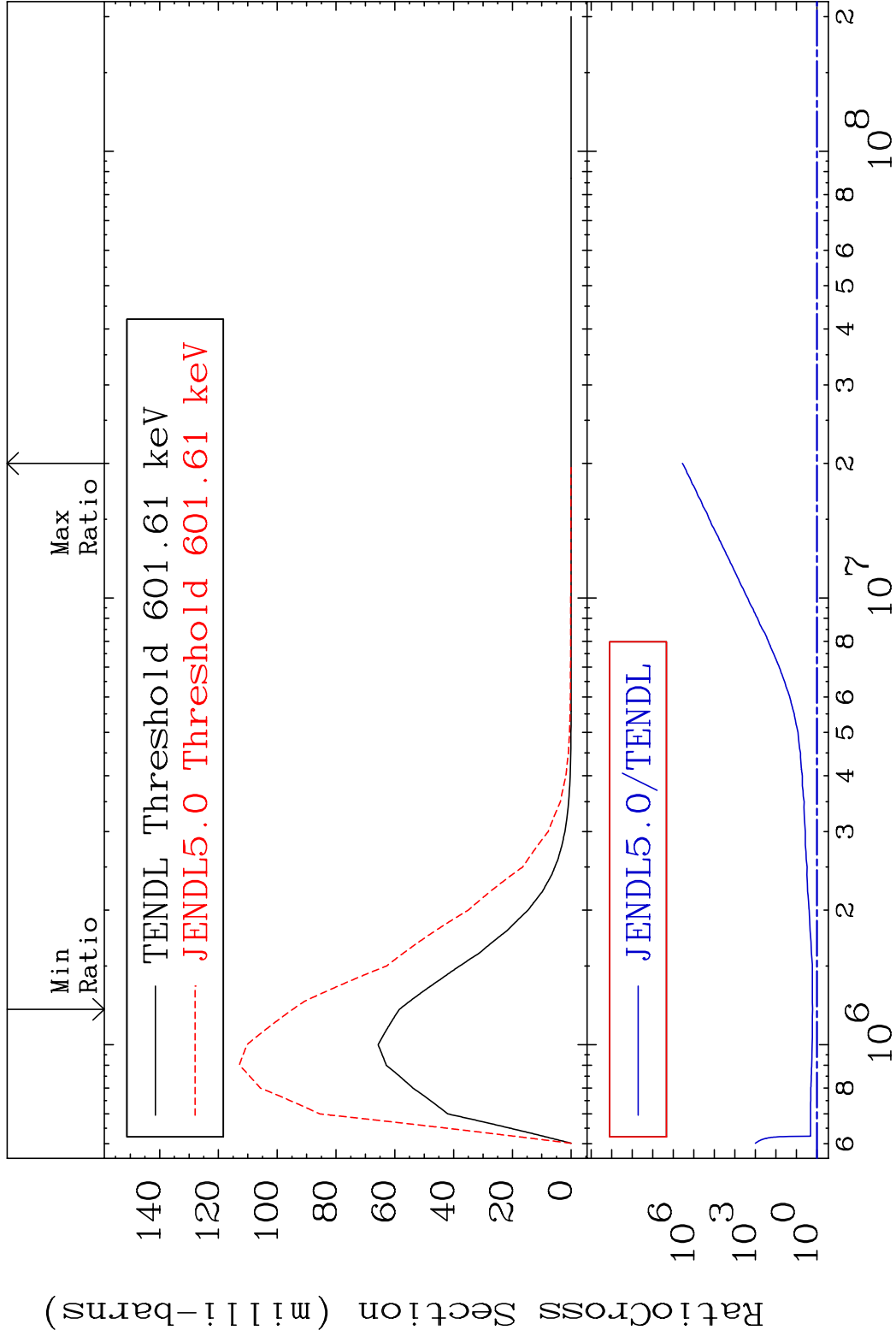
MAT 6840 MT= 65 (n,n') Level 68-Er-167
Cross Section -65.44 To 148.1 %

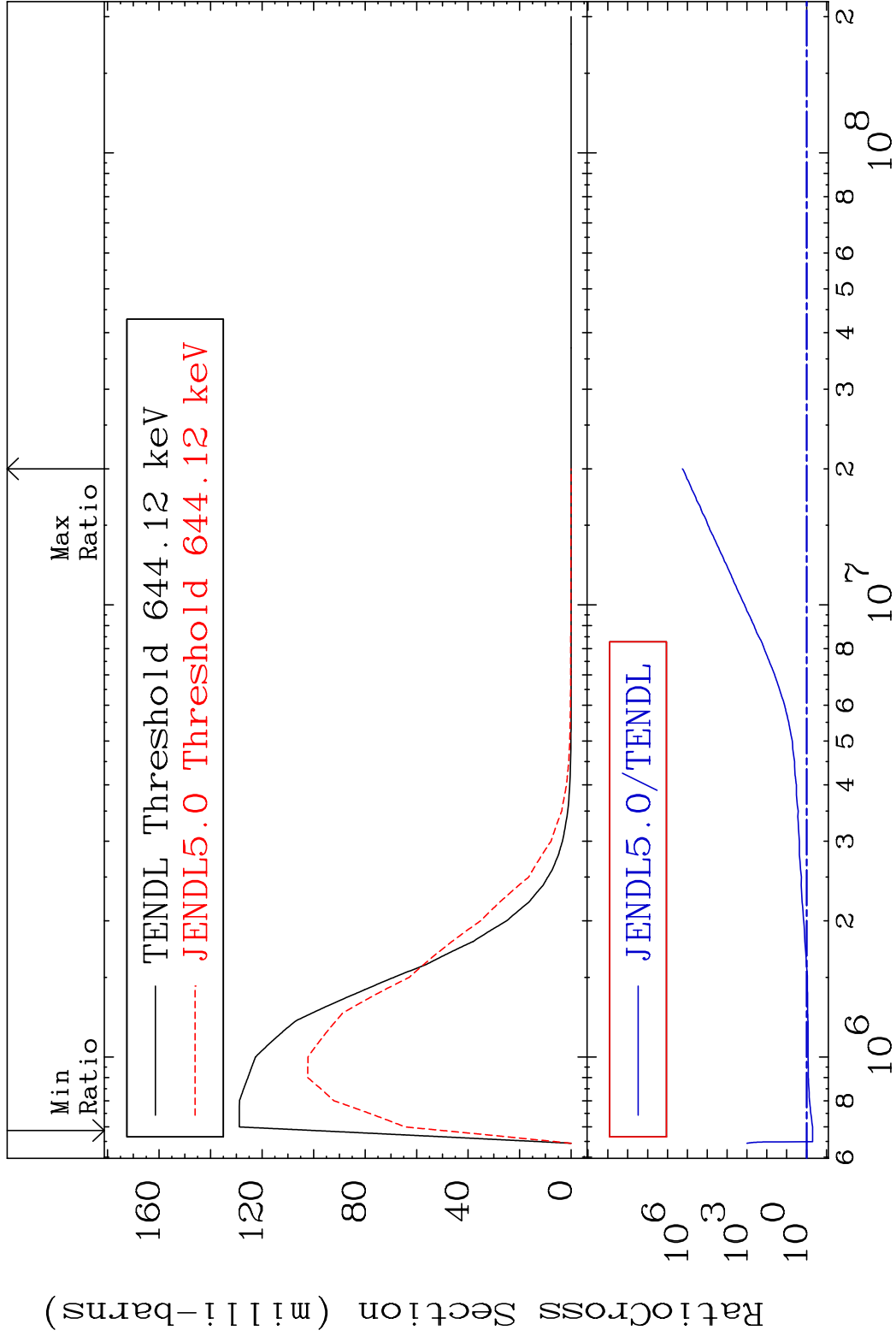


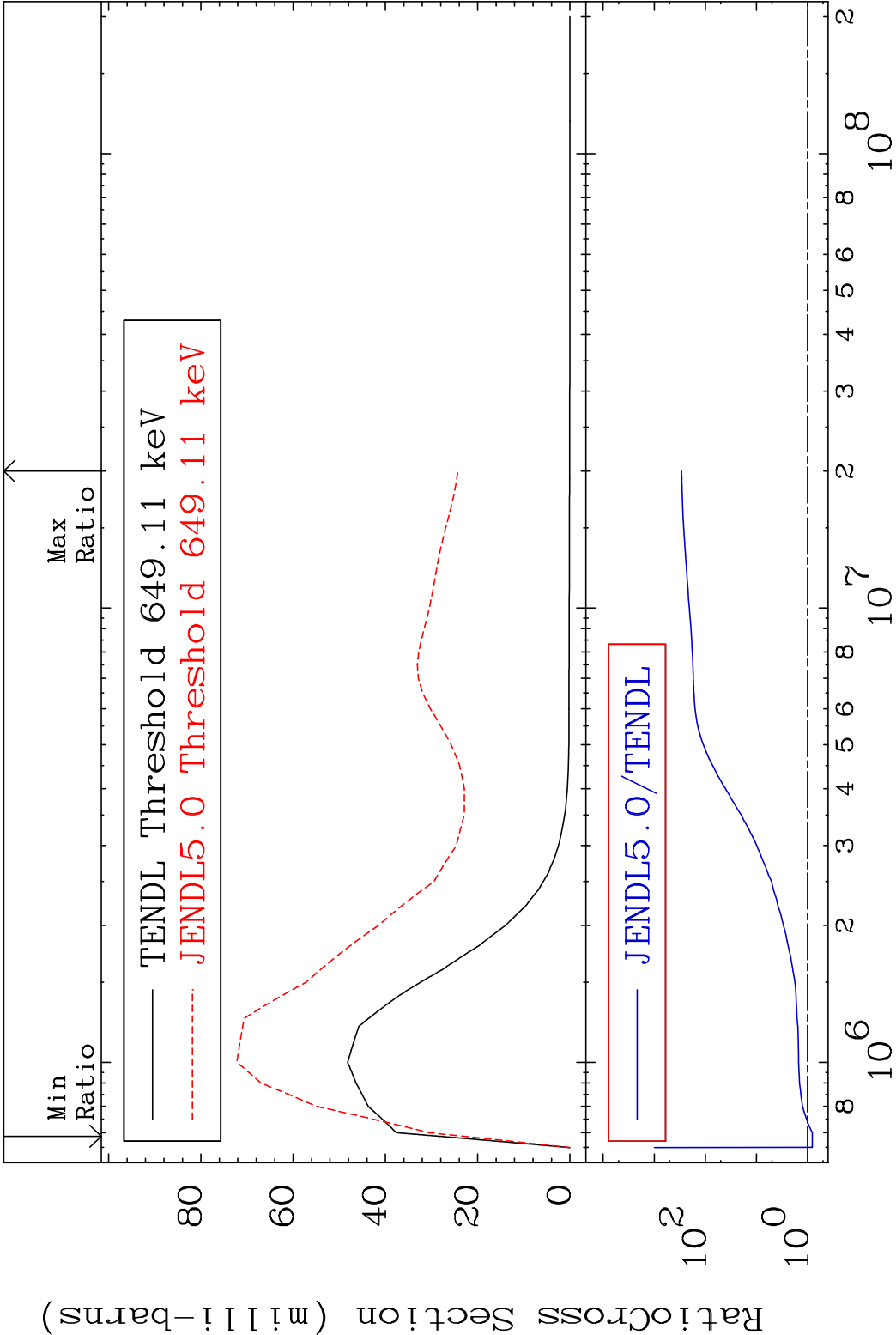
MAT 6840 MT= 66 (n,n') Level 68-Er-167
Cross Section -36.85 To 9999. %

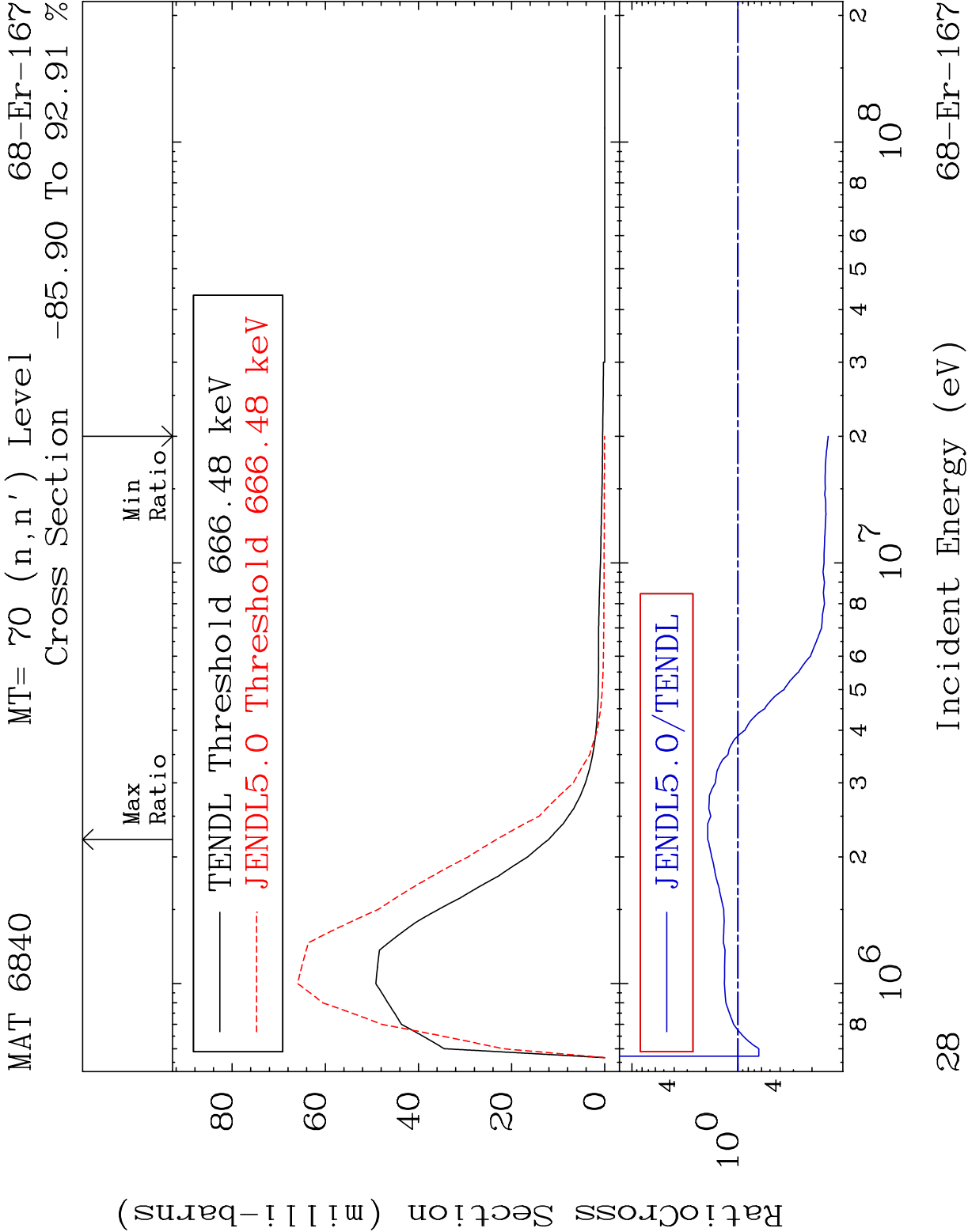


MAT 6840 MT= 67 (n,n') Level 68-Er-167
Cross Section 61.96 To 9999. %

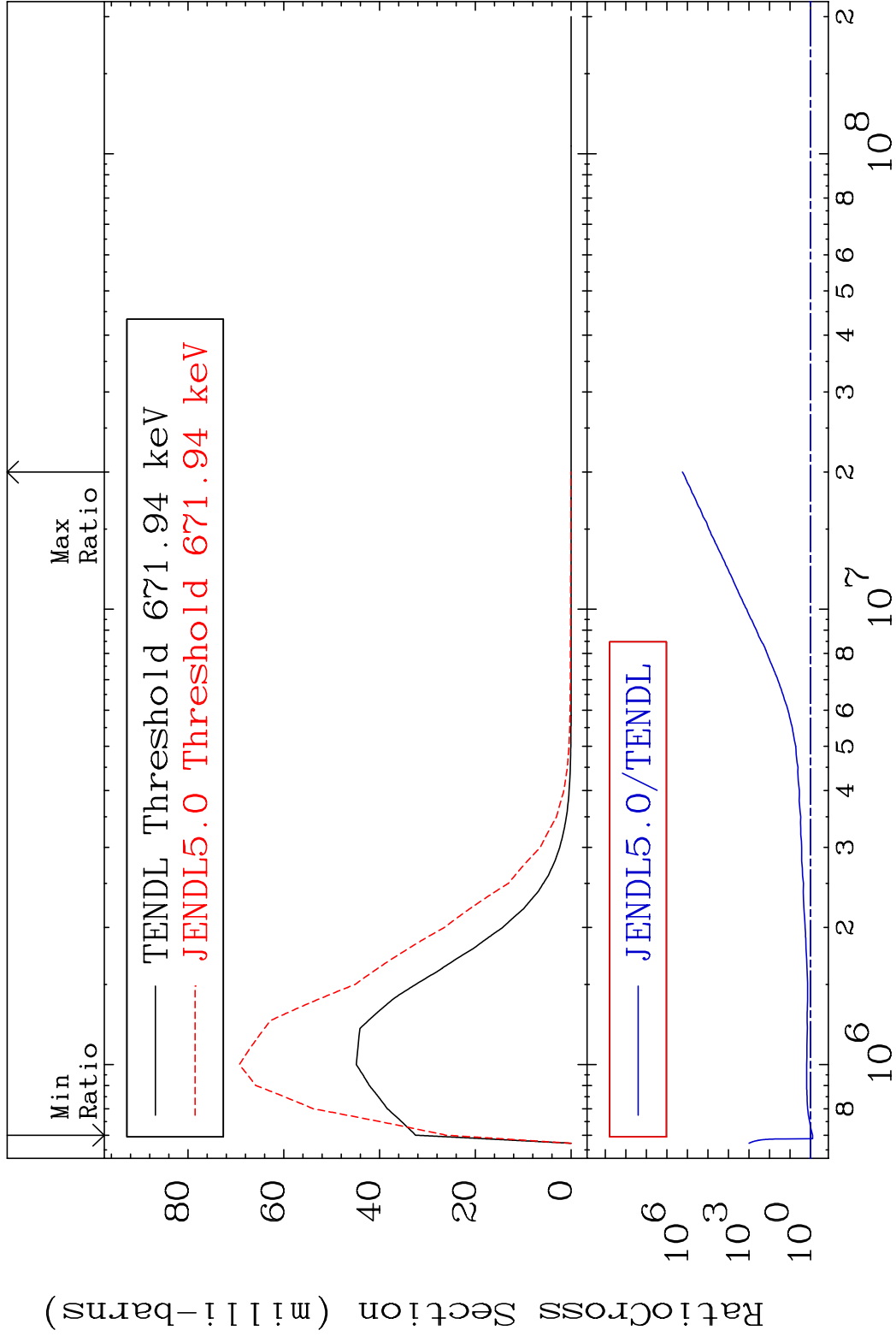








MAT 6840 MT= 71 (n,n') Level 68-Er-167
Cross Section -19.54 To 9999. %

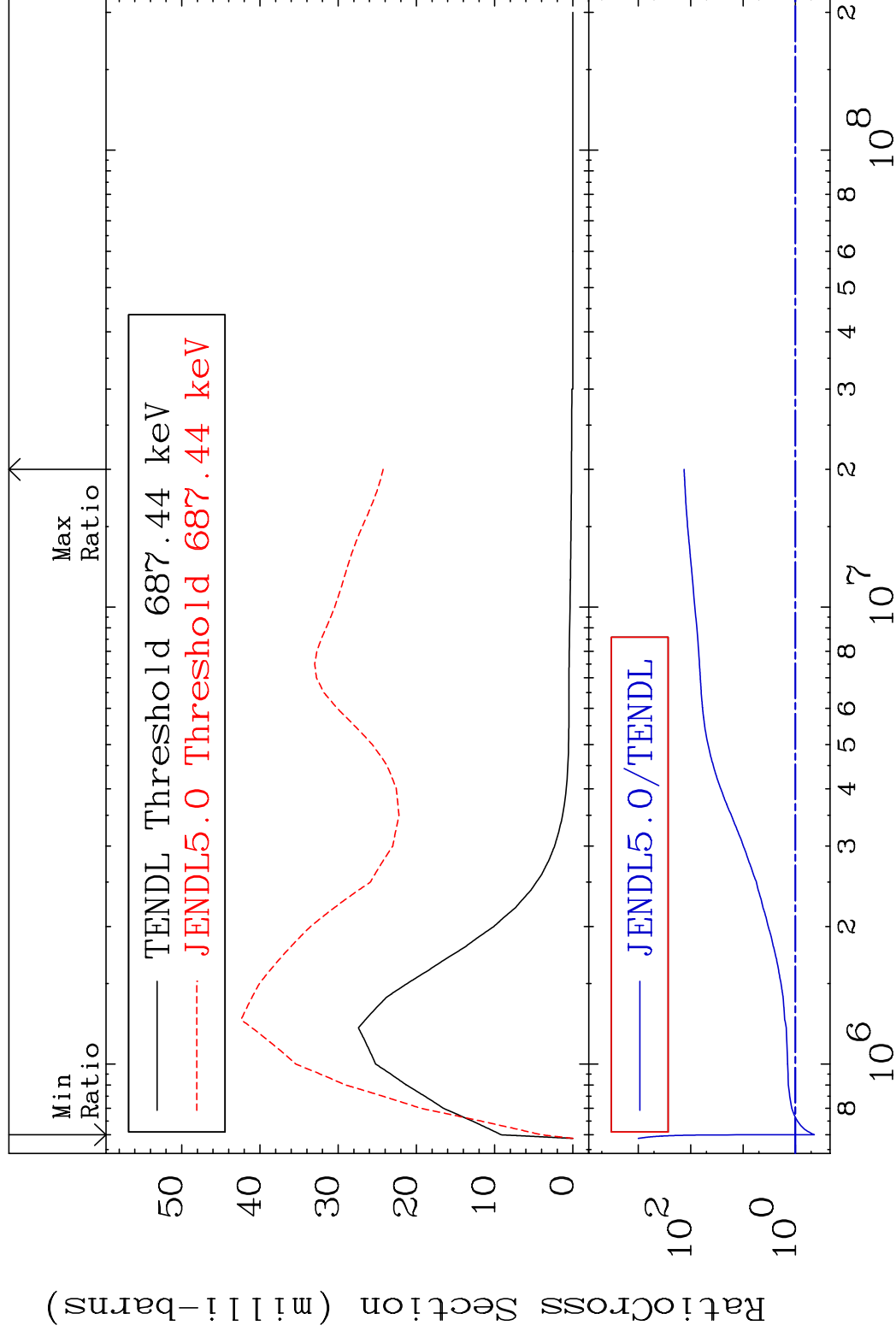


MAT 6840

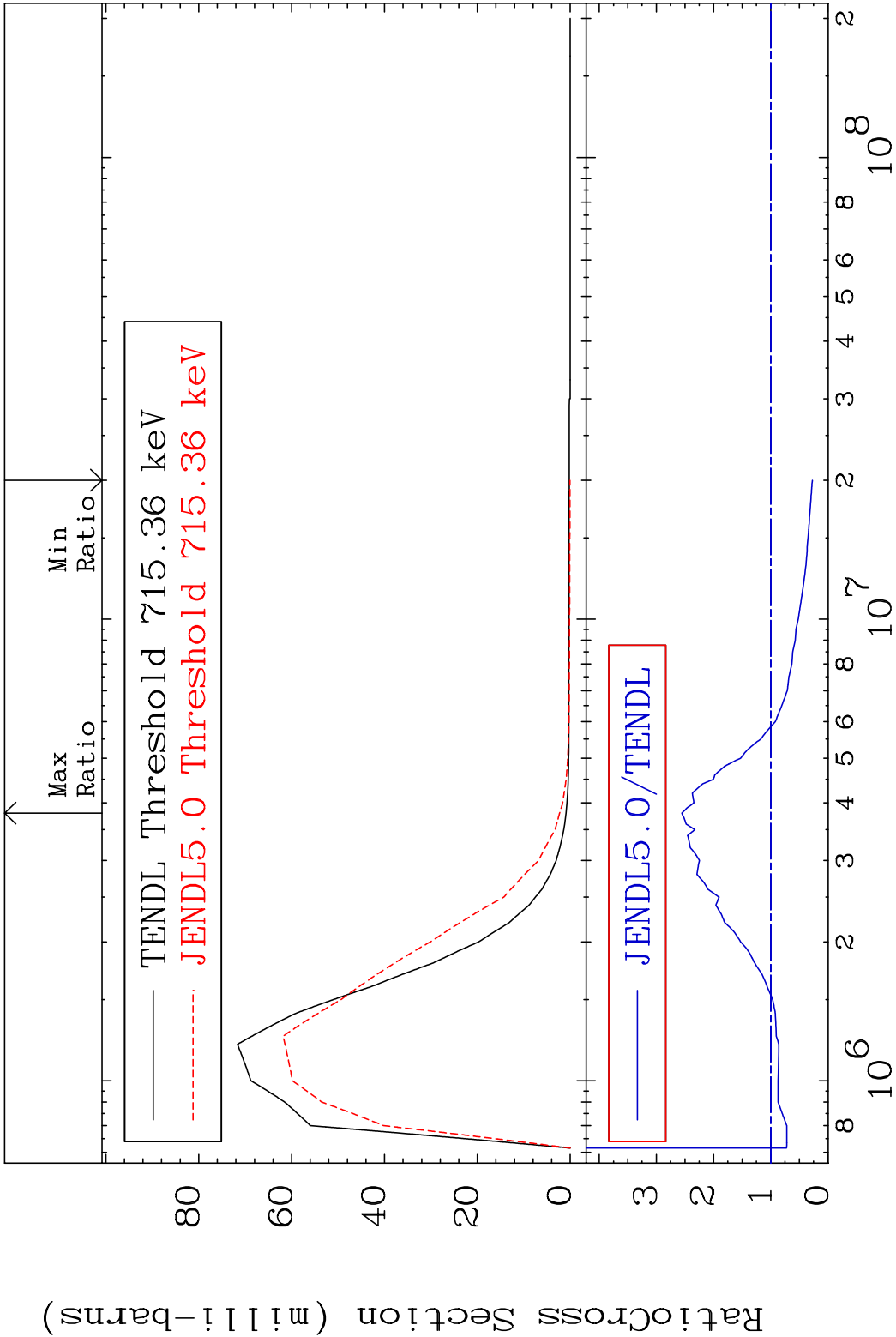
MT= 72 (n, n') Level

68-Er-167

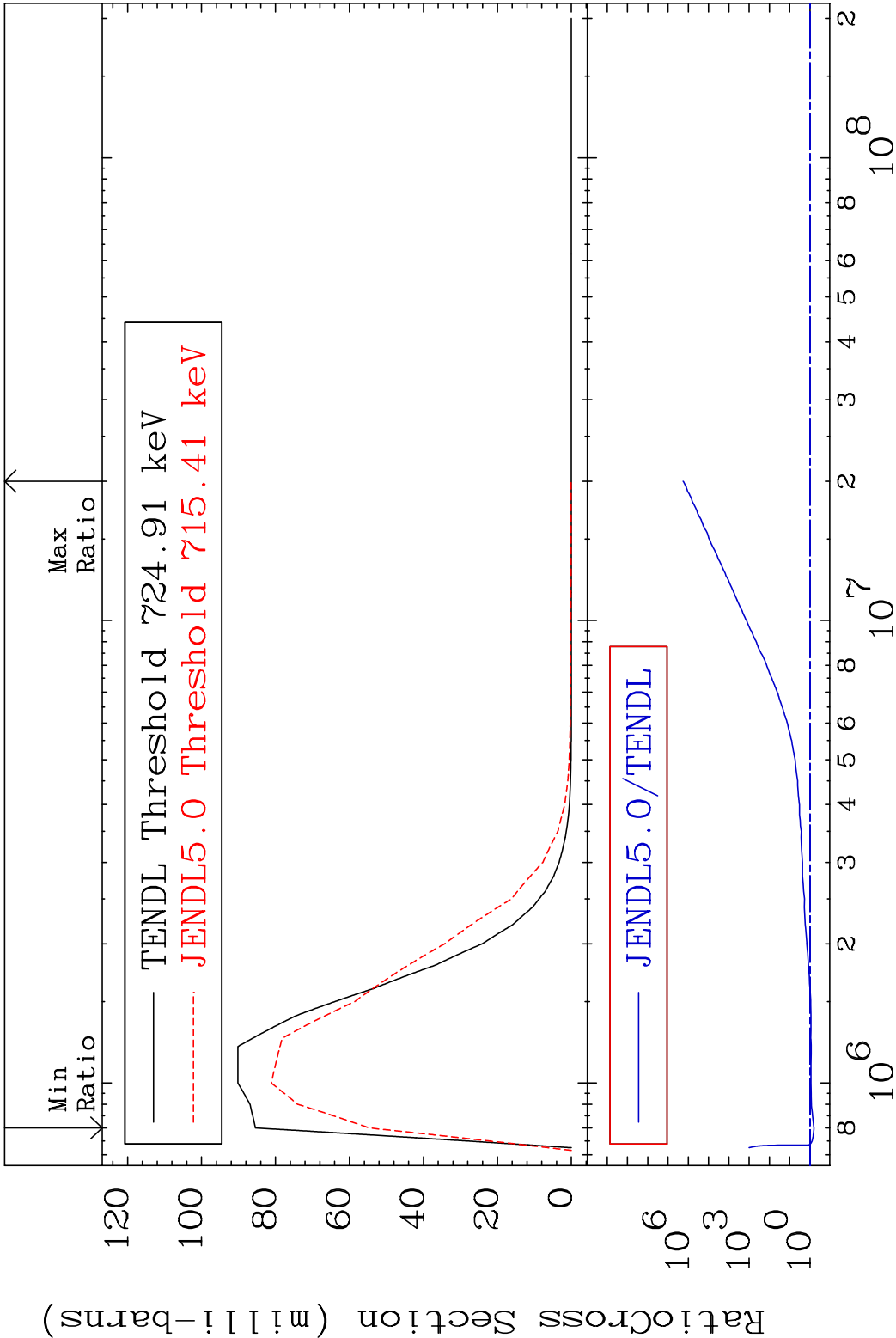
Cross Section -56.30 To 9999. %



MAT 6840 MT= 73 (n,n') Level 68-Er-167
 Cross Section -72.91 To 155.6 %

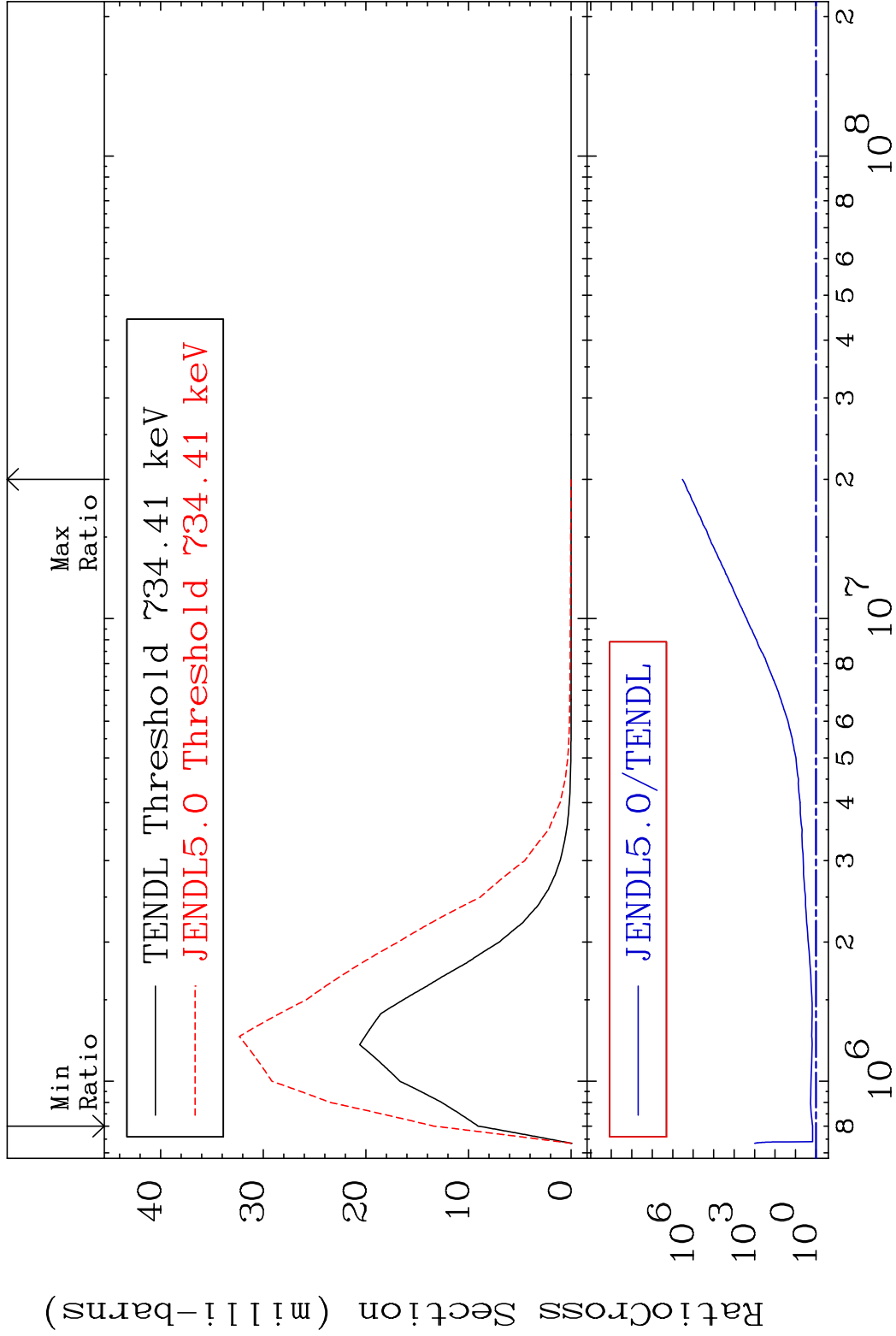


MAT 6840 MT= 74 (n,n') Level 68-Er-167
Cross Section -36.00 To 9999. %

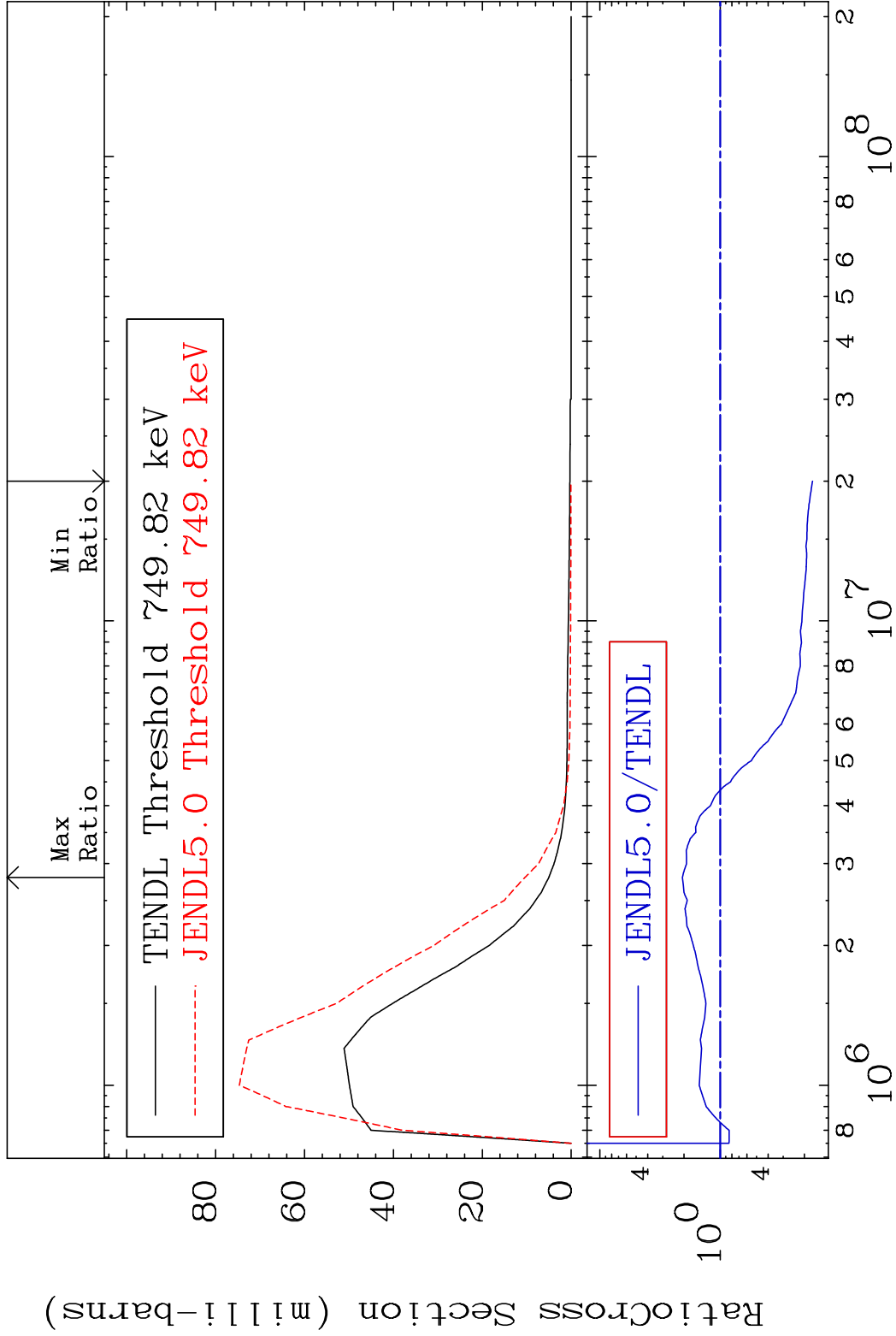


32 Incident Energy (eV) 68-Er-167

MAT 6840 MT= 75 (n,n') Level 68-Er-167
Cross Section 47.74 To 9999. %

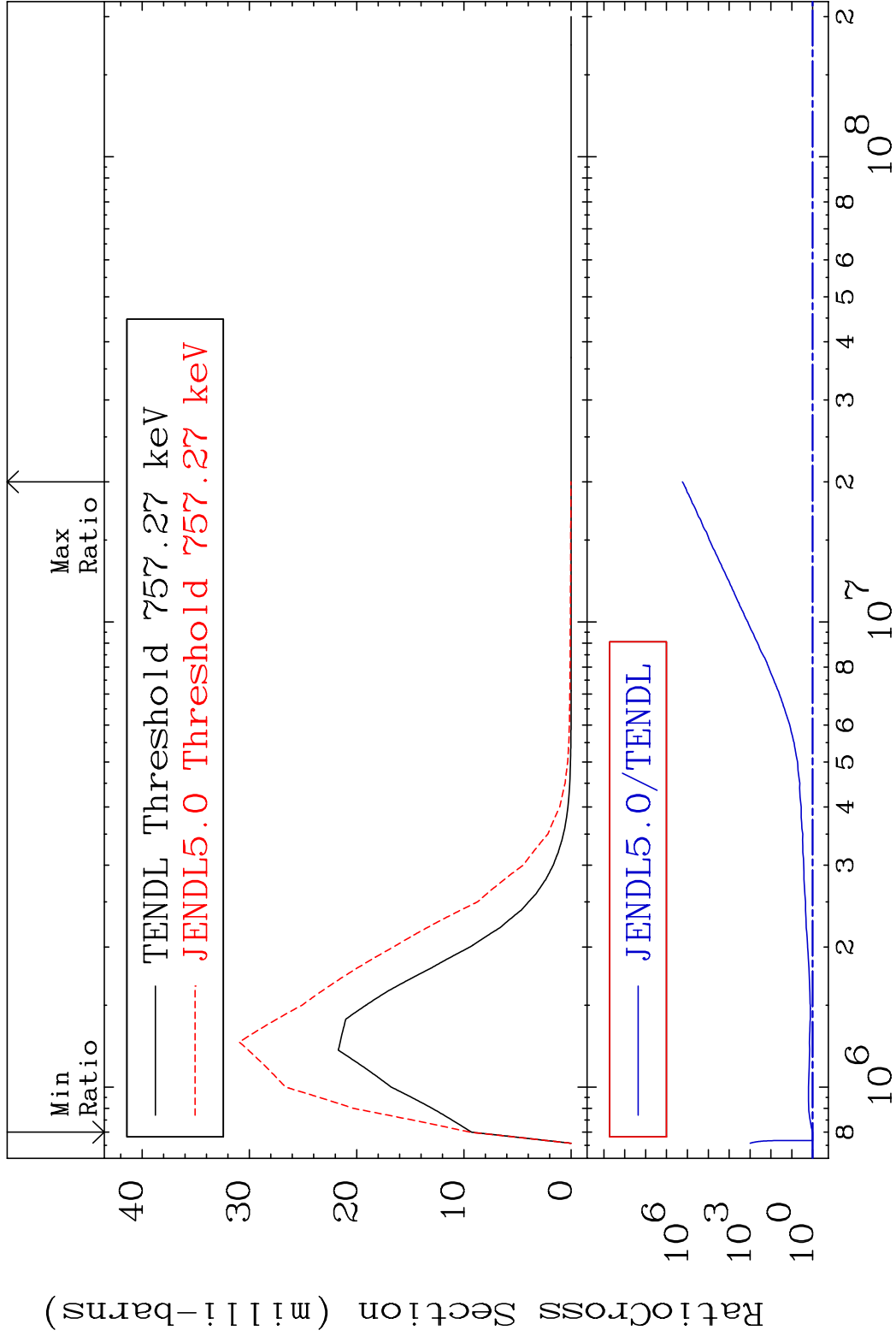


MAT 6840 MT= 76 (n,n') Level 68-Er-167
Cross Section -82.92 To 106.4 %

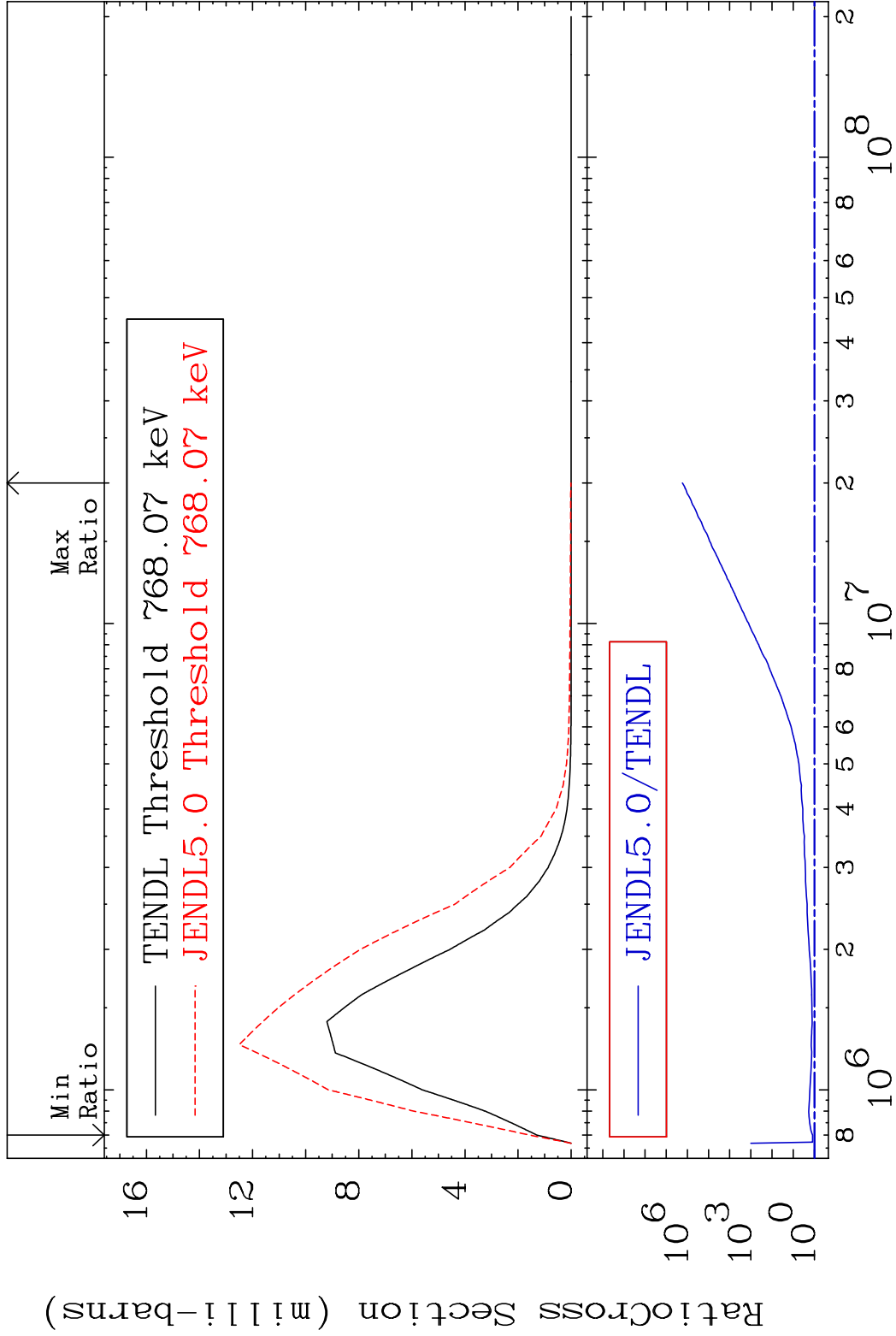


34 Incident Energy (eV) 68-Er-167

MAT 6840 MT= 77 (n,n') Level 68-Er-167
Cross Section 1.473 To 9999. %

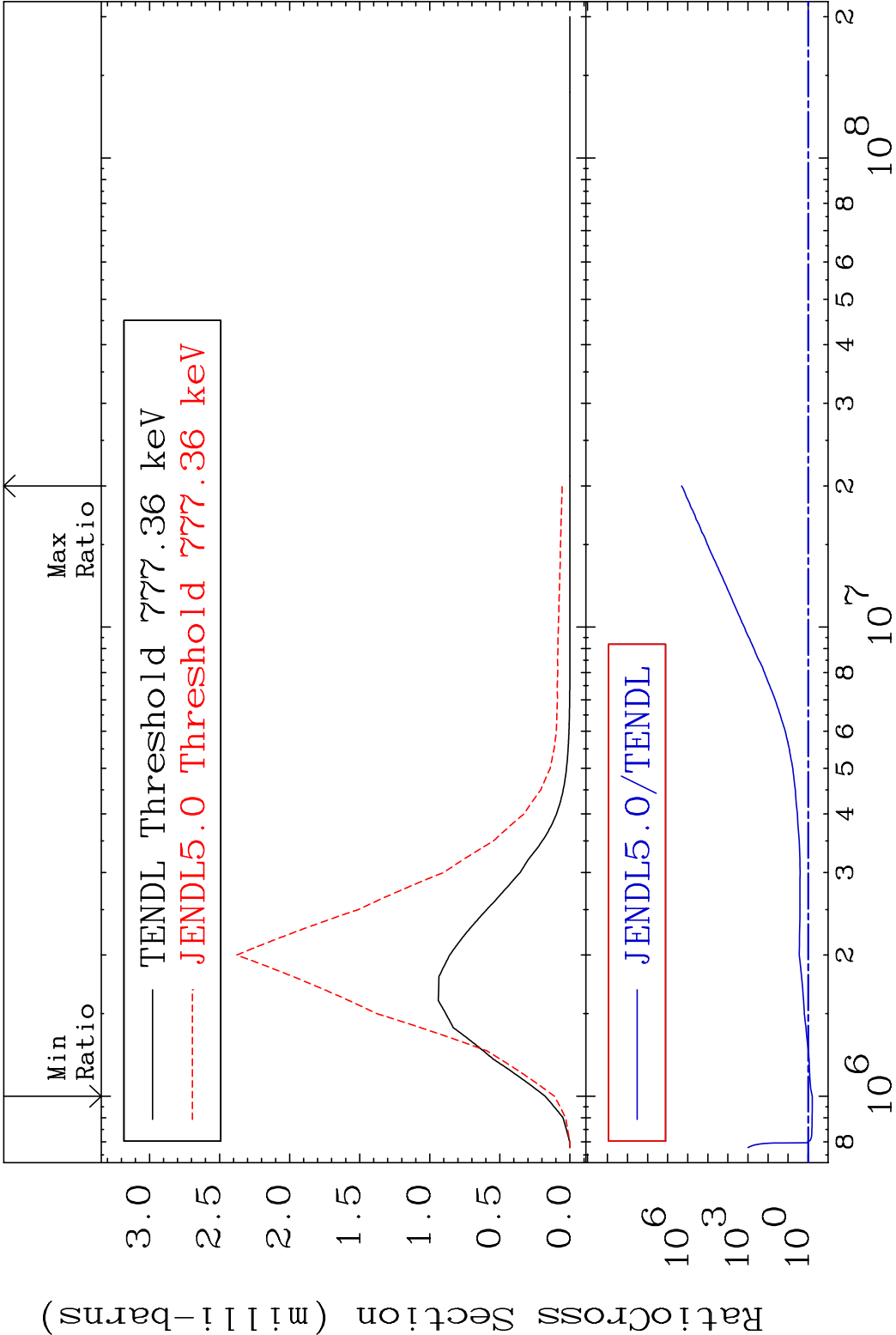


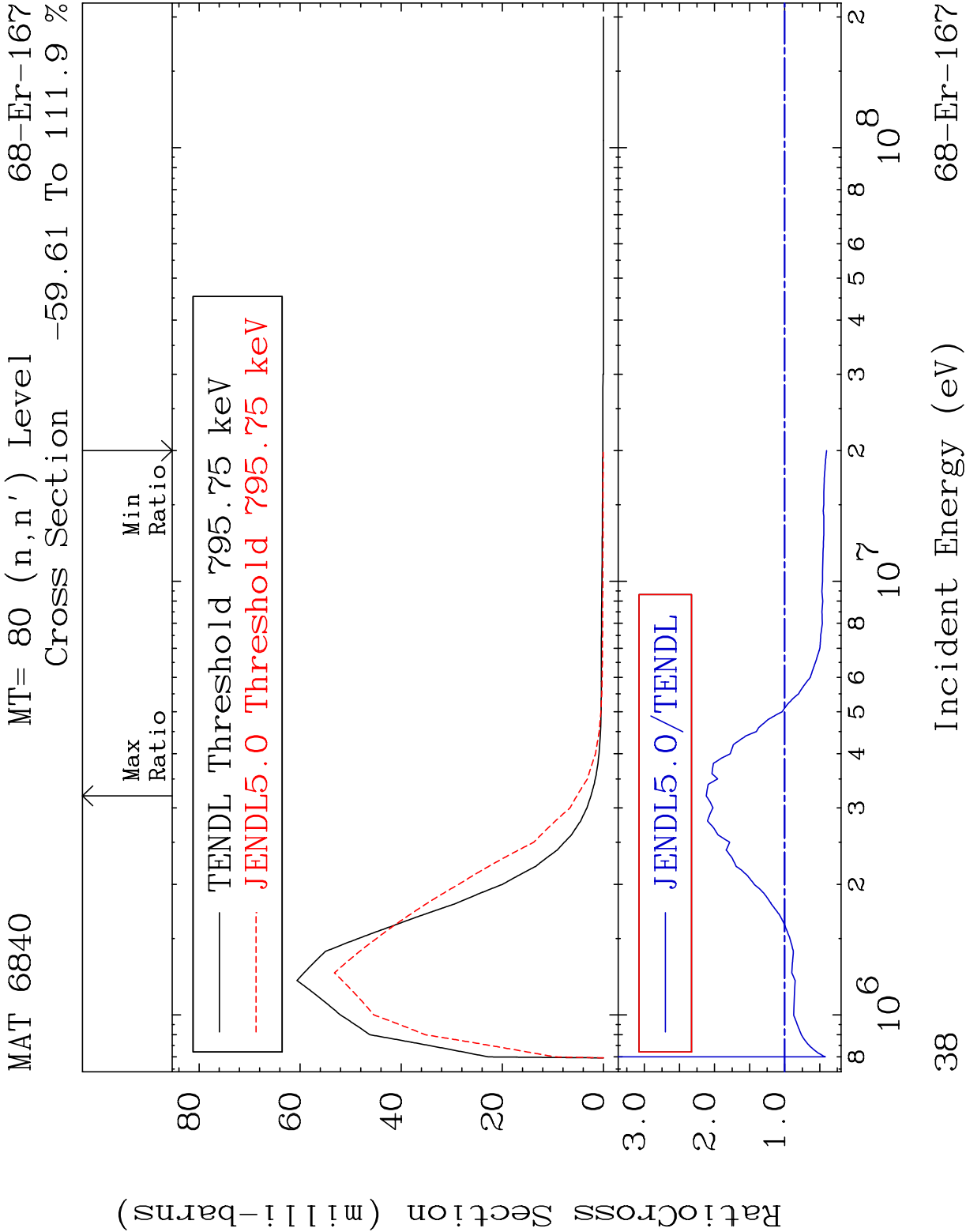
MAT 6840 MT= 78 (n,n') Level 68-Er-167
Cross Section 21.21 To 9999. %

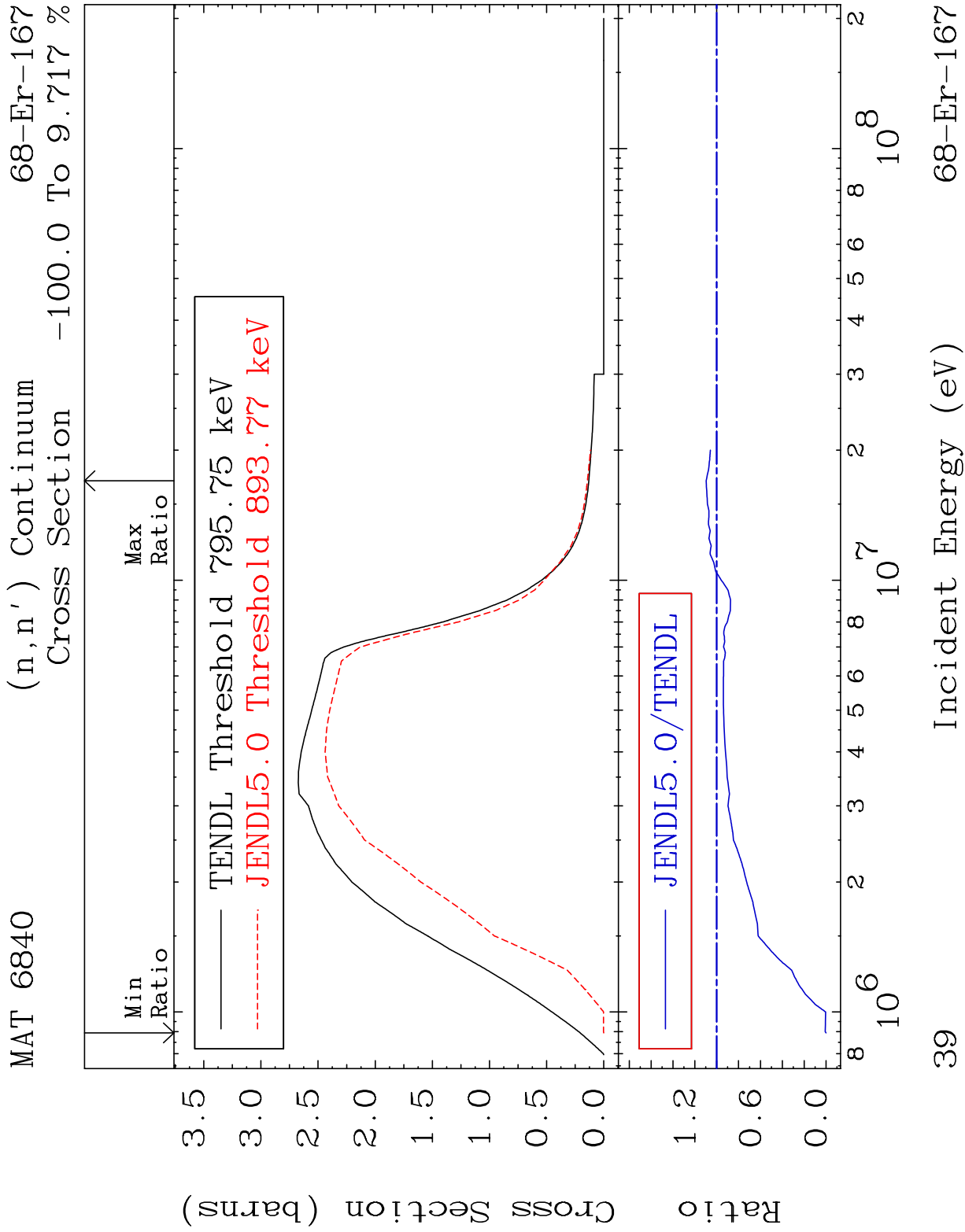


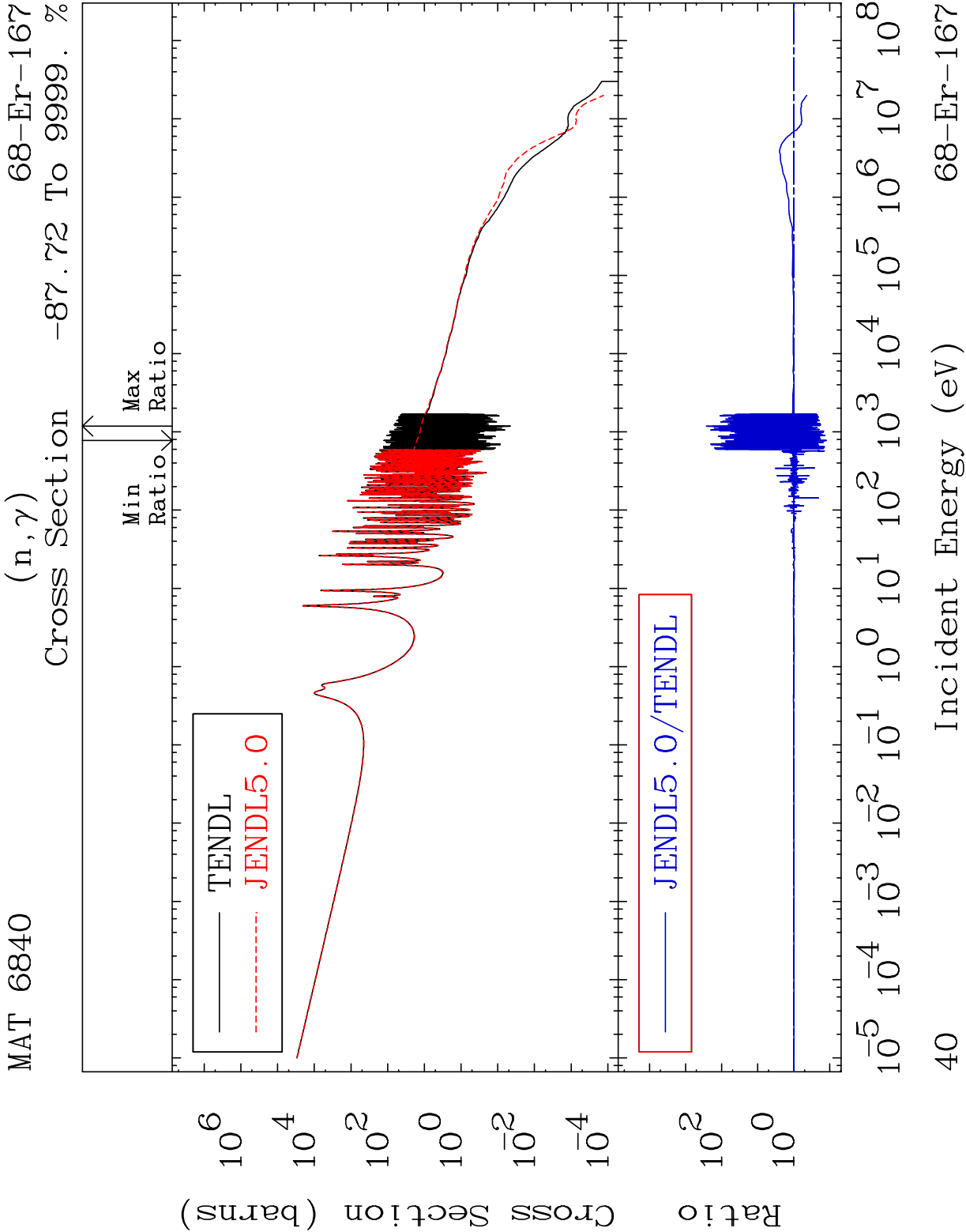
36 Incident Energy (eV) 68-Er-167

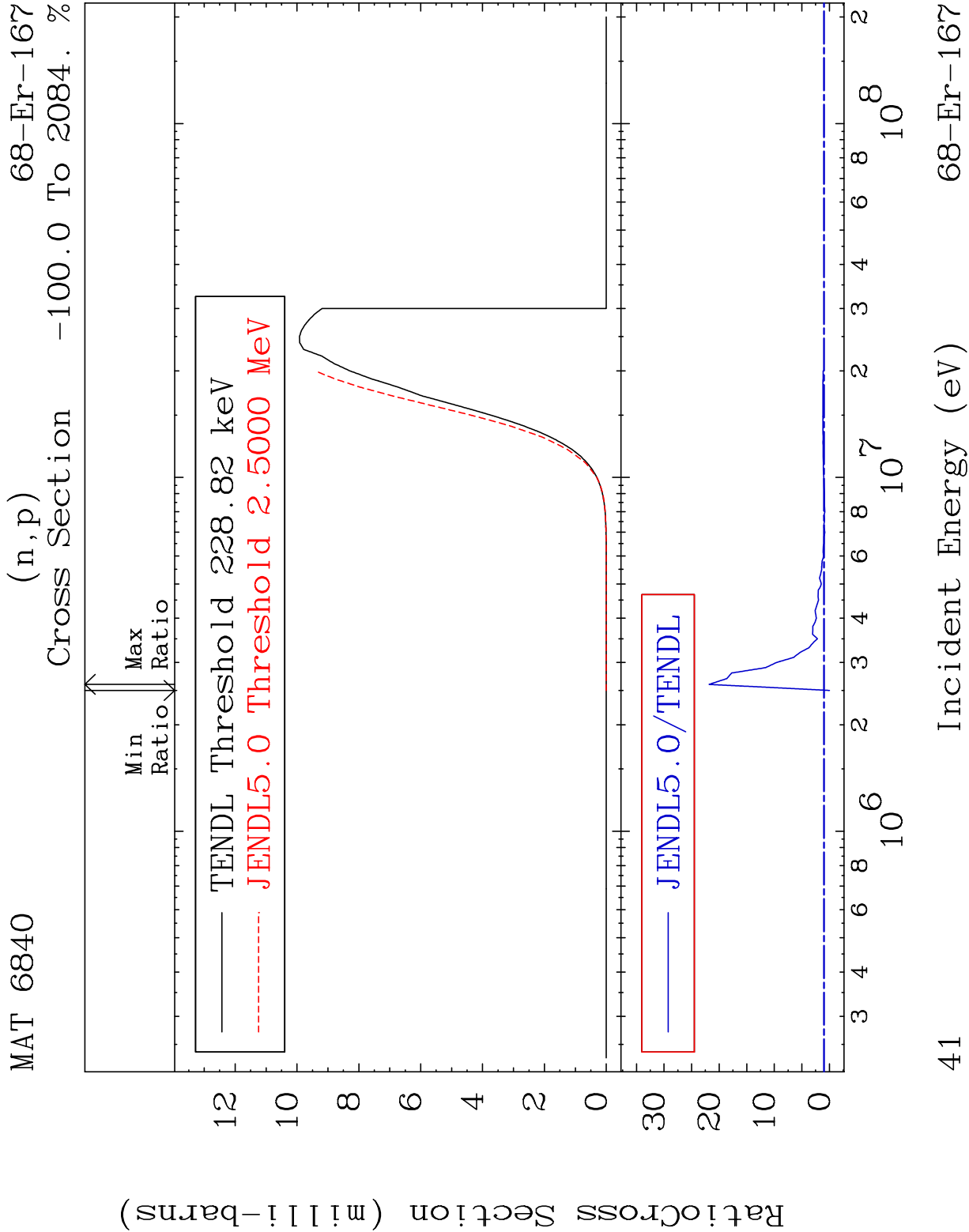
MAT 6840 MT= 79 (n,n') Level 68-Er-167
Cross Section -37.37 To 9999. %

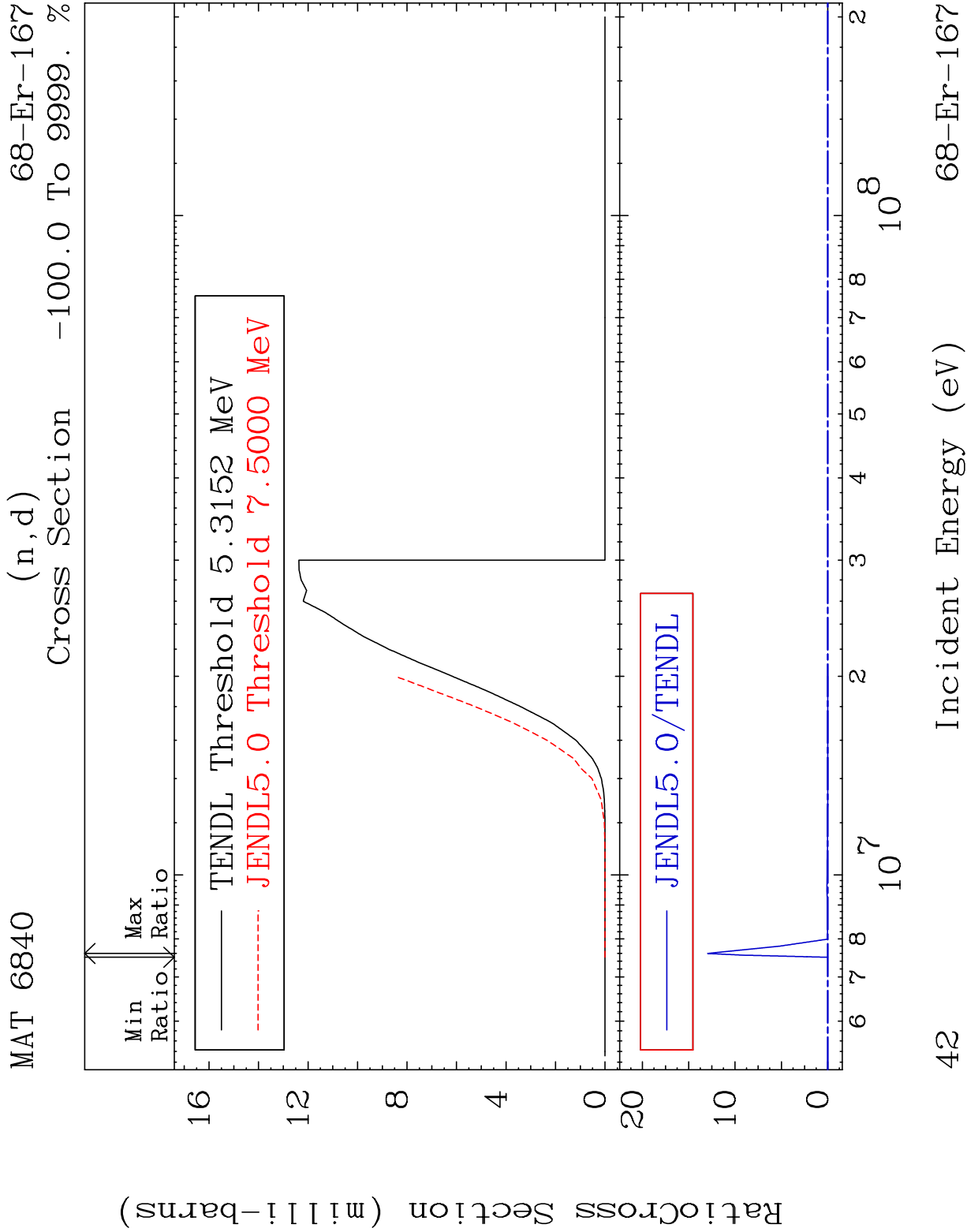


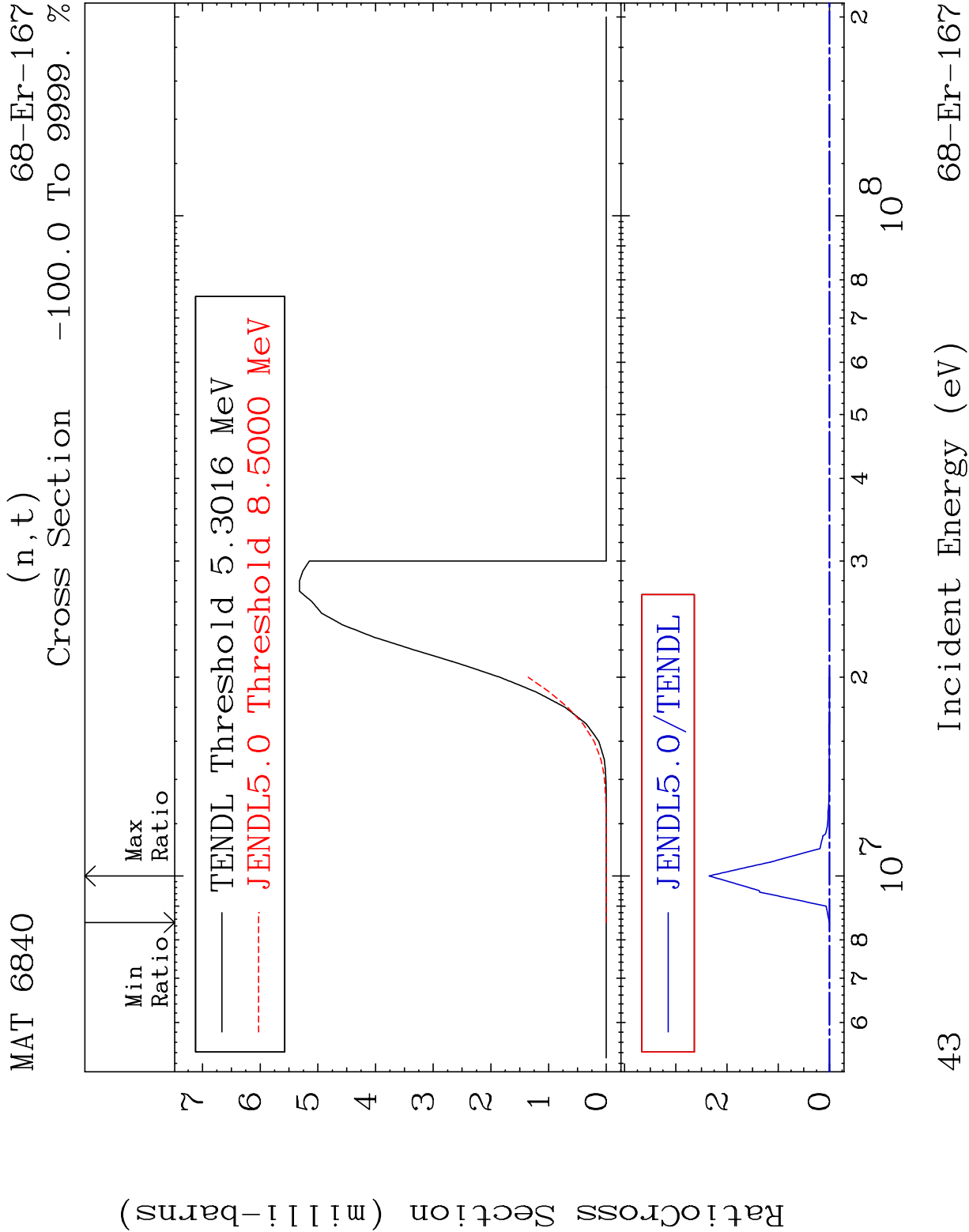


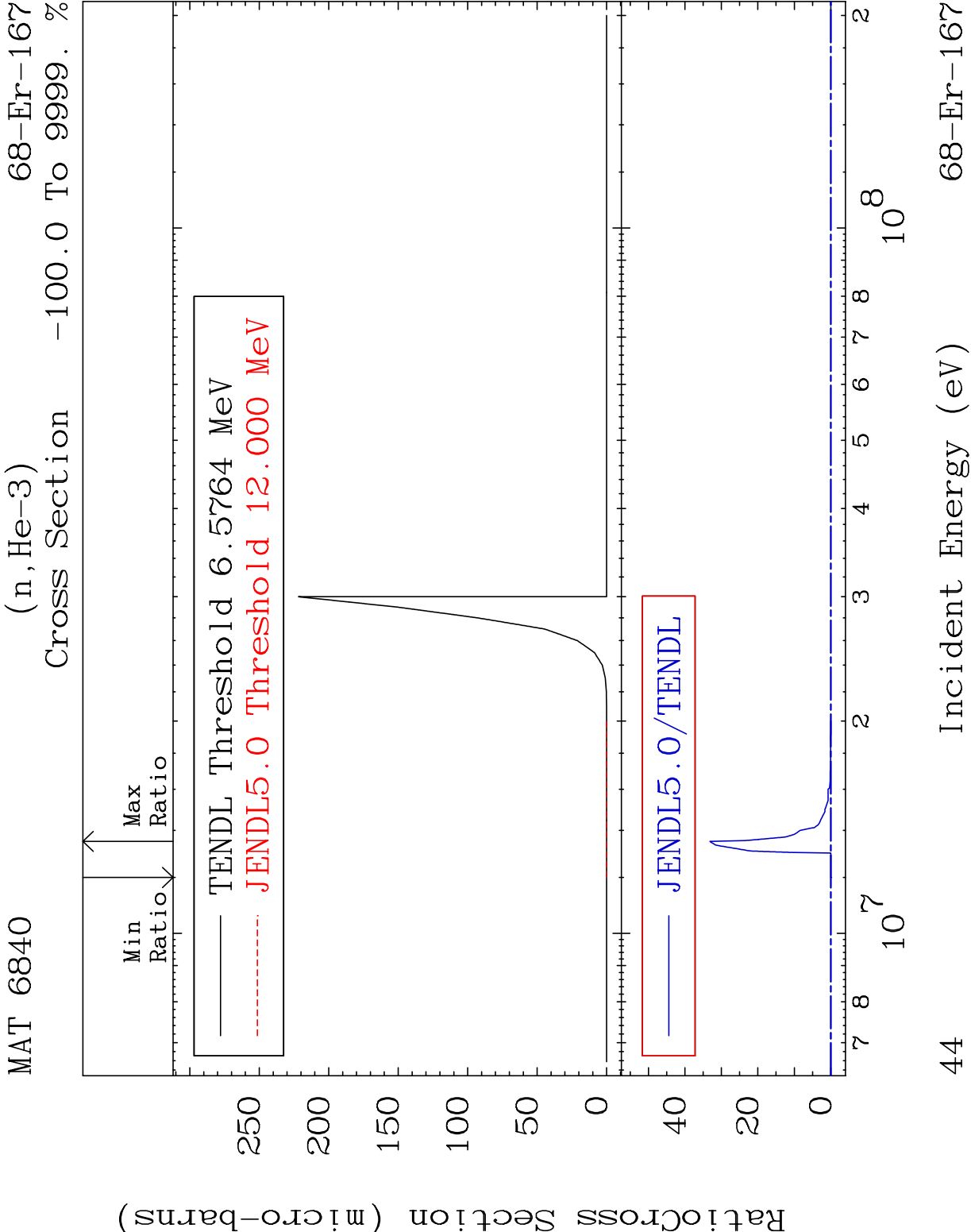


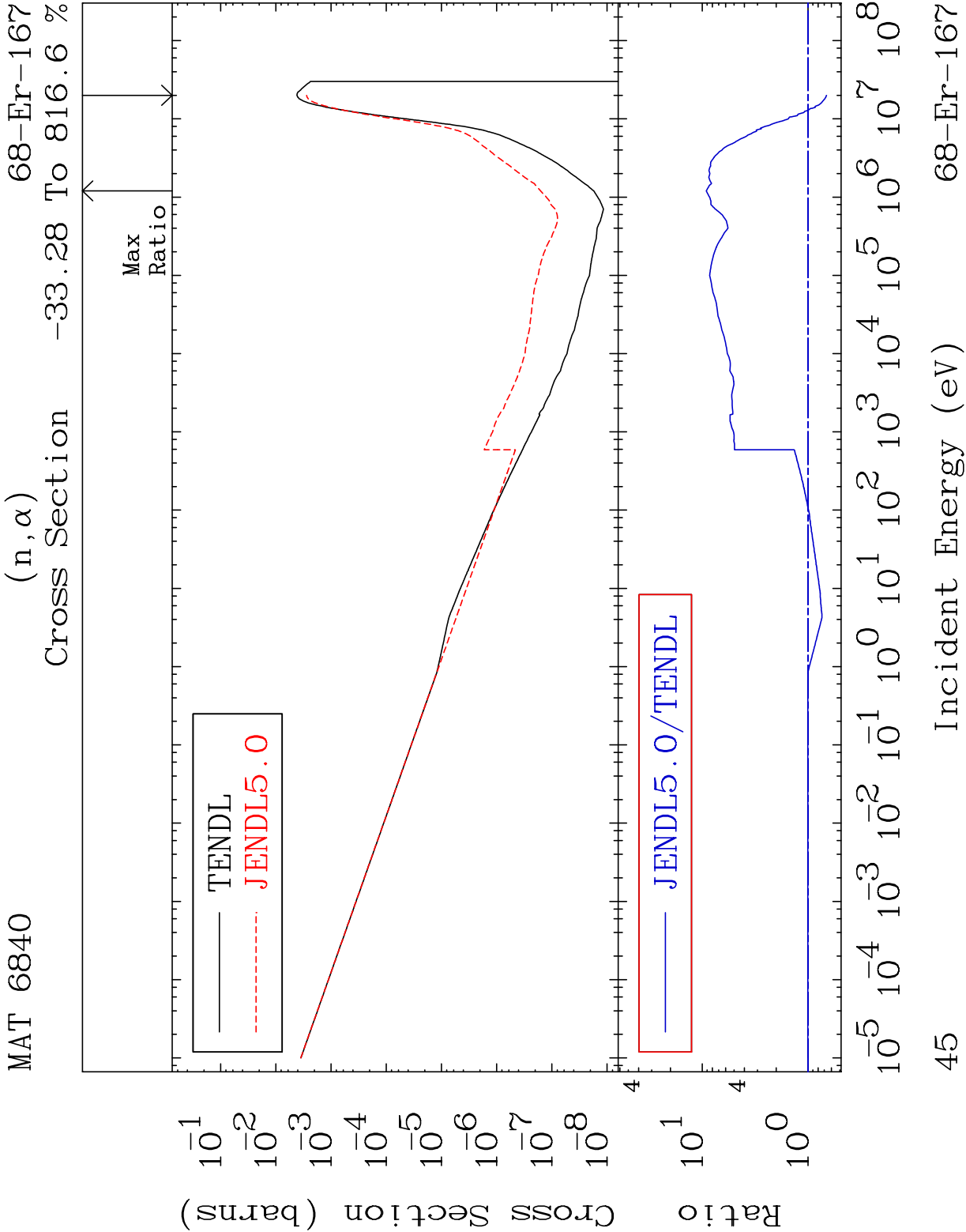


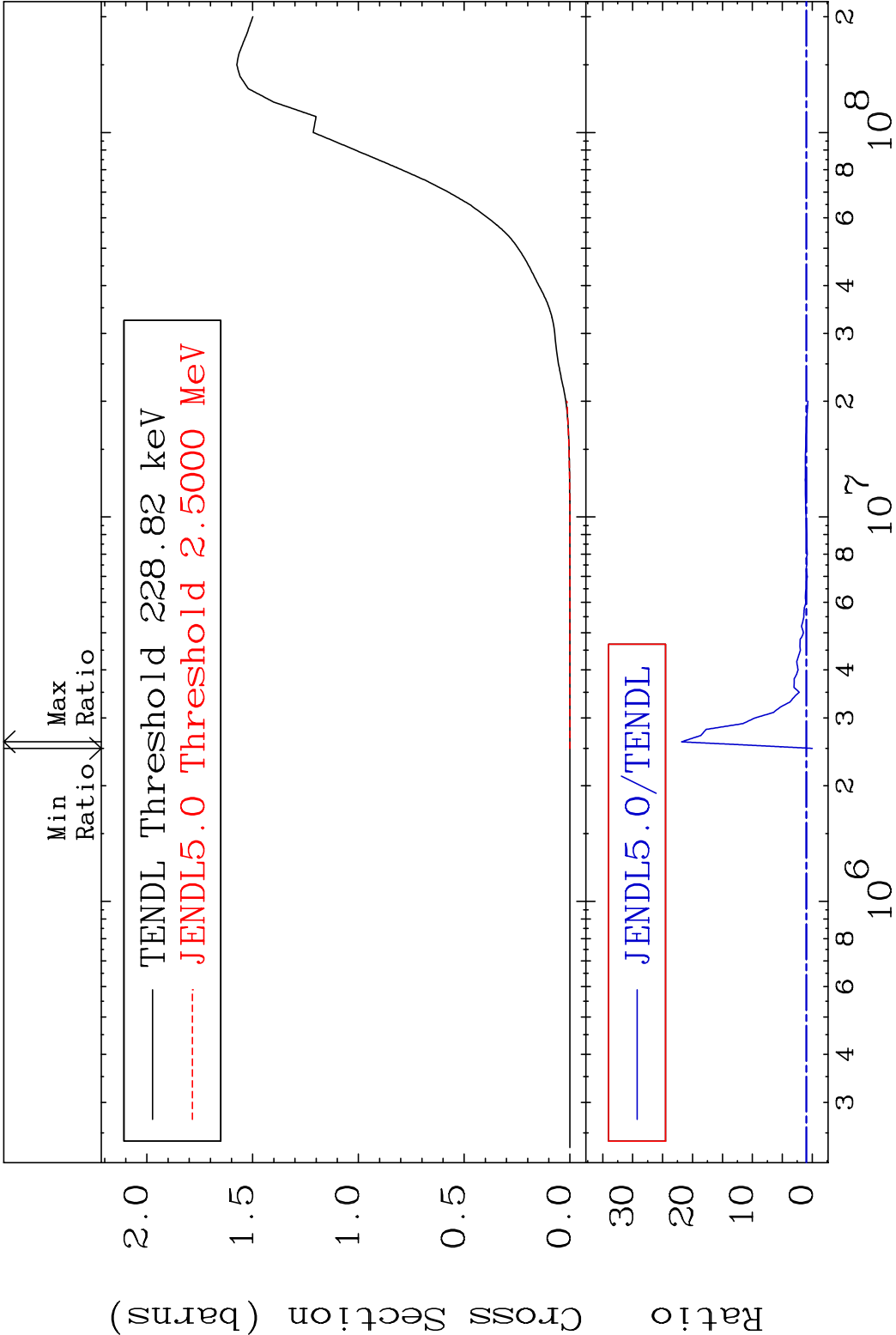


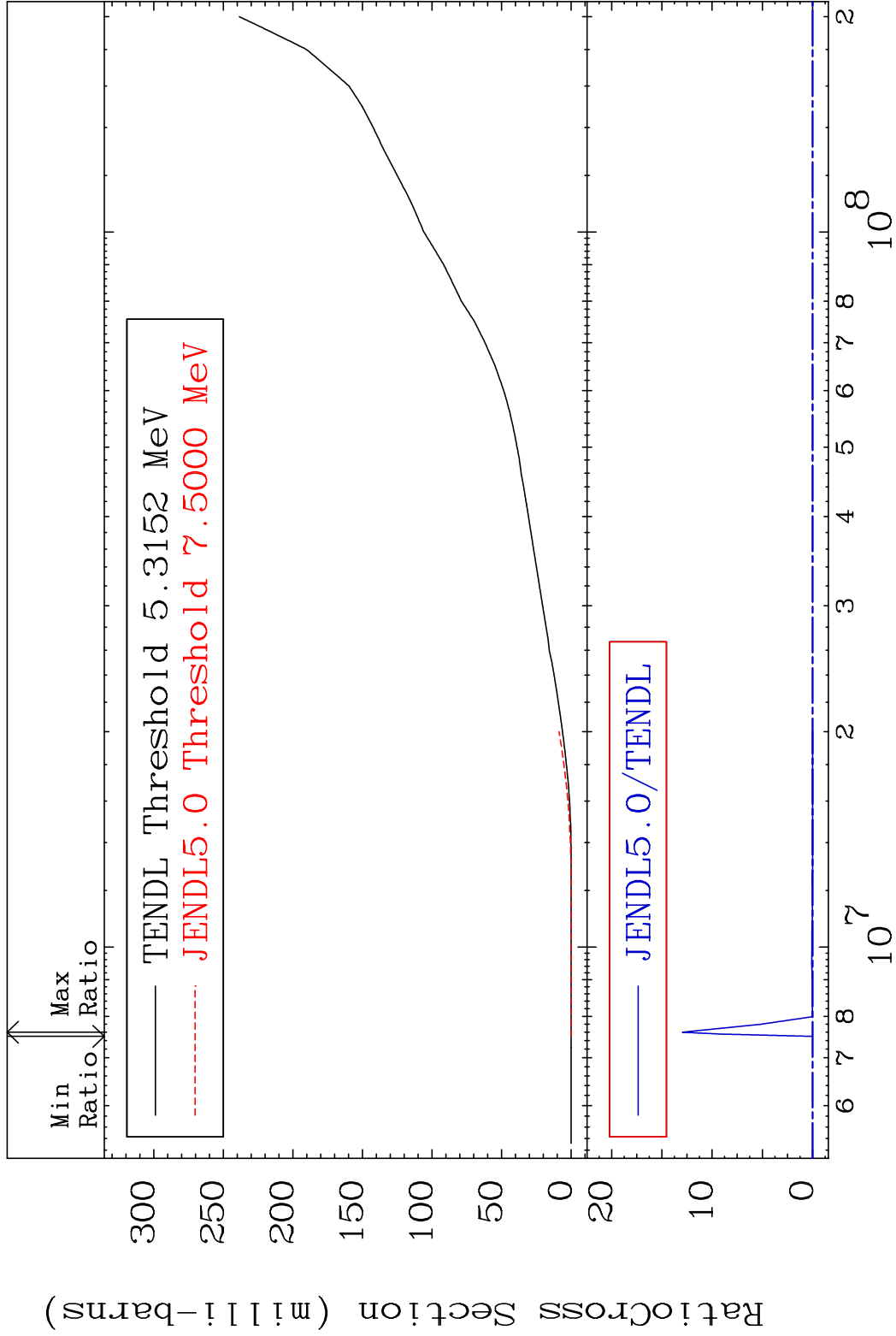


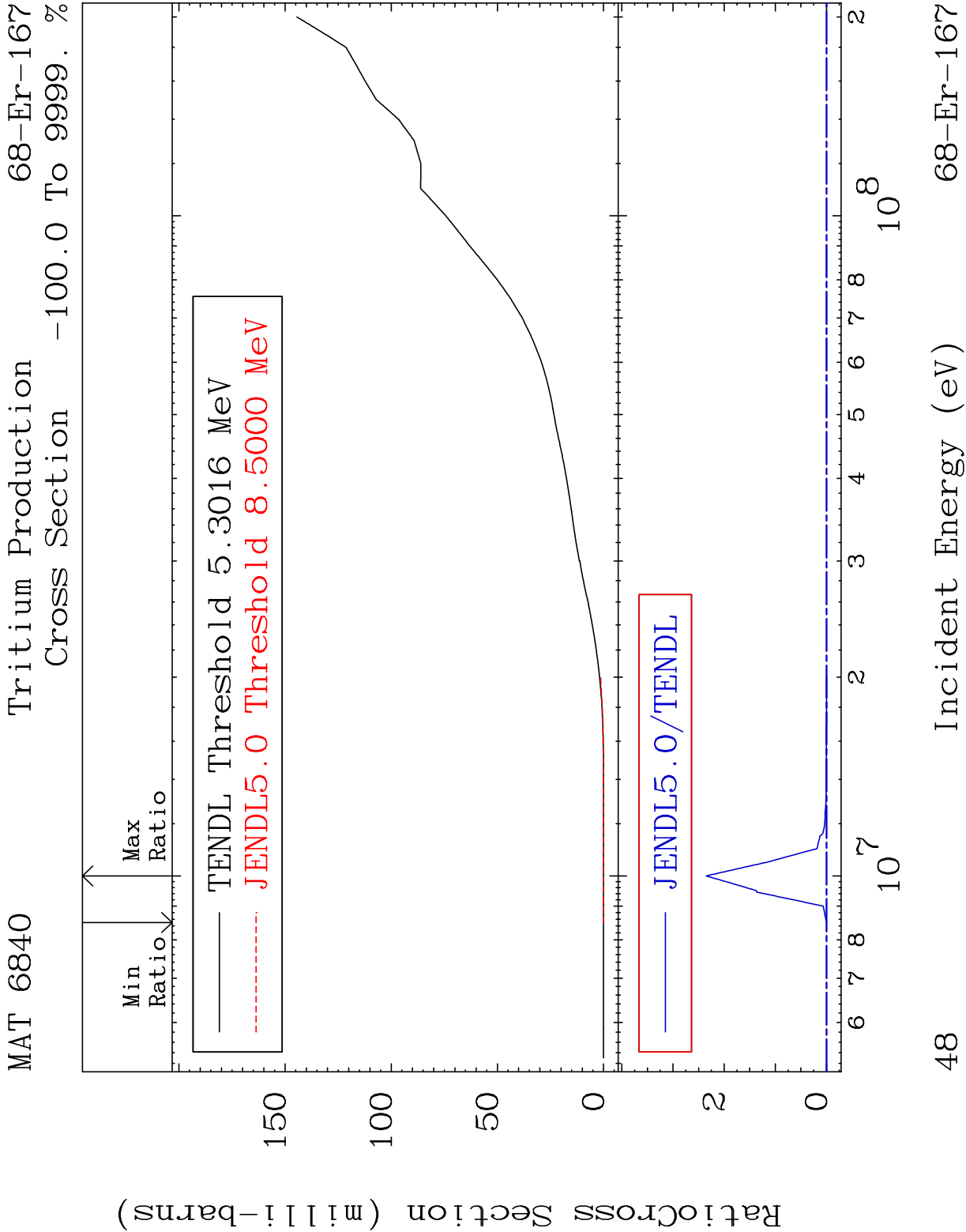


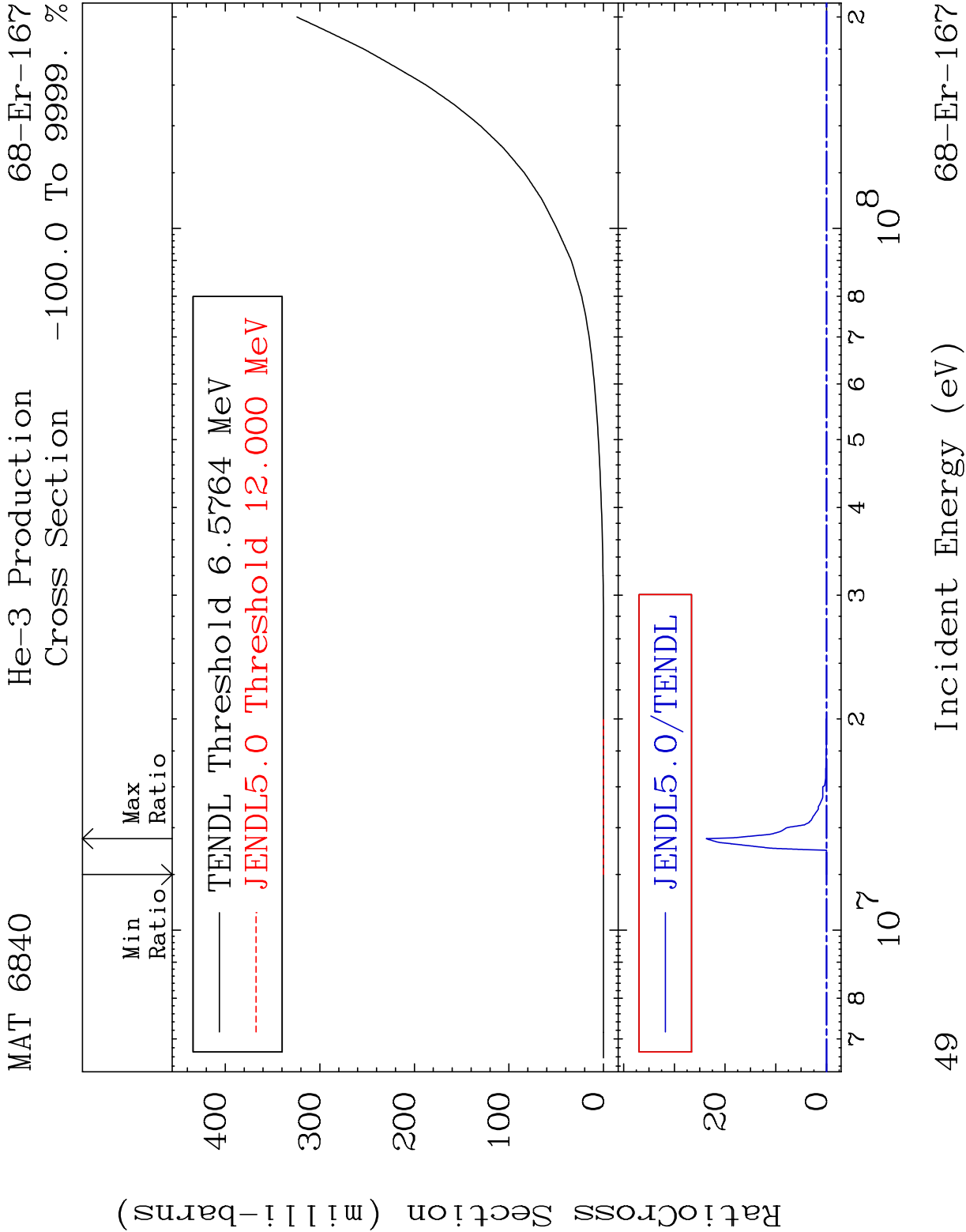


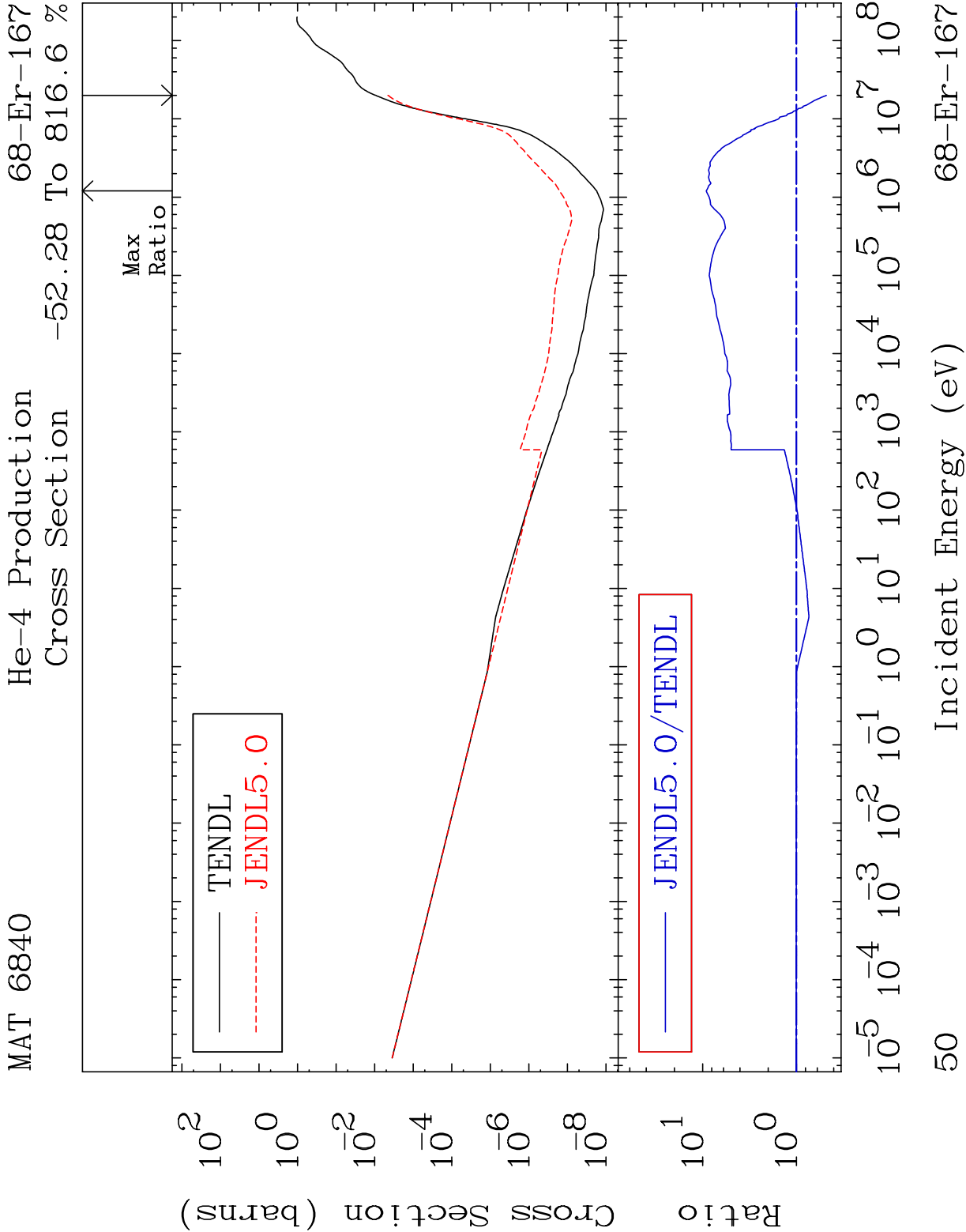


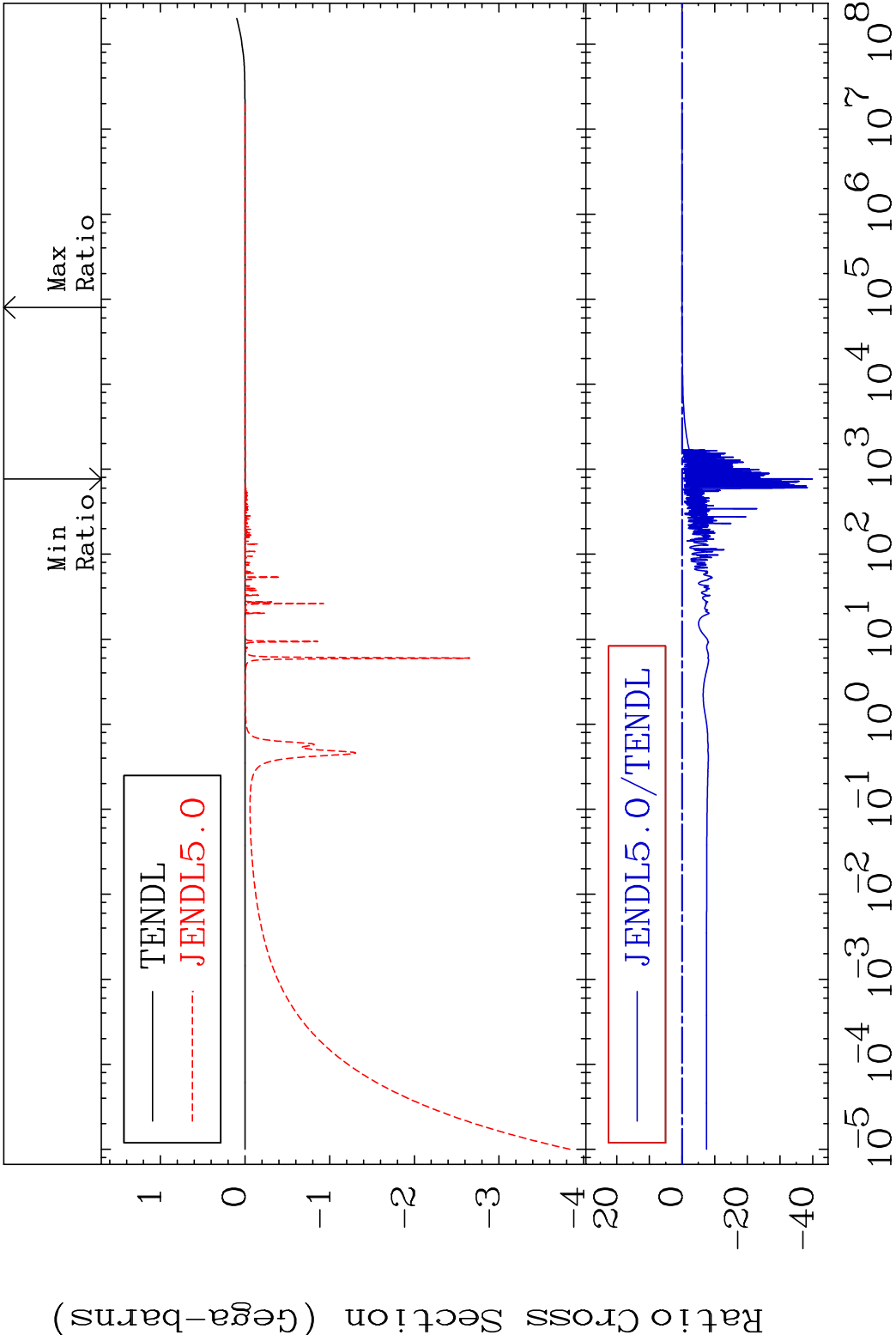




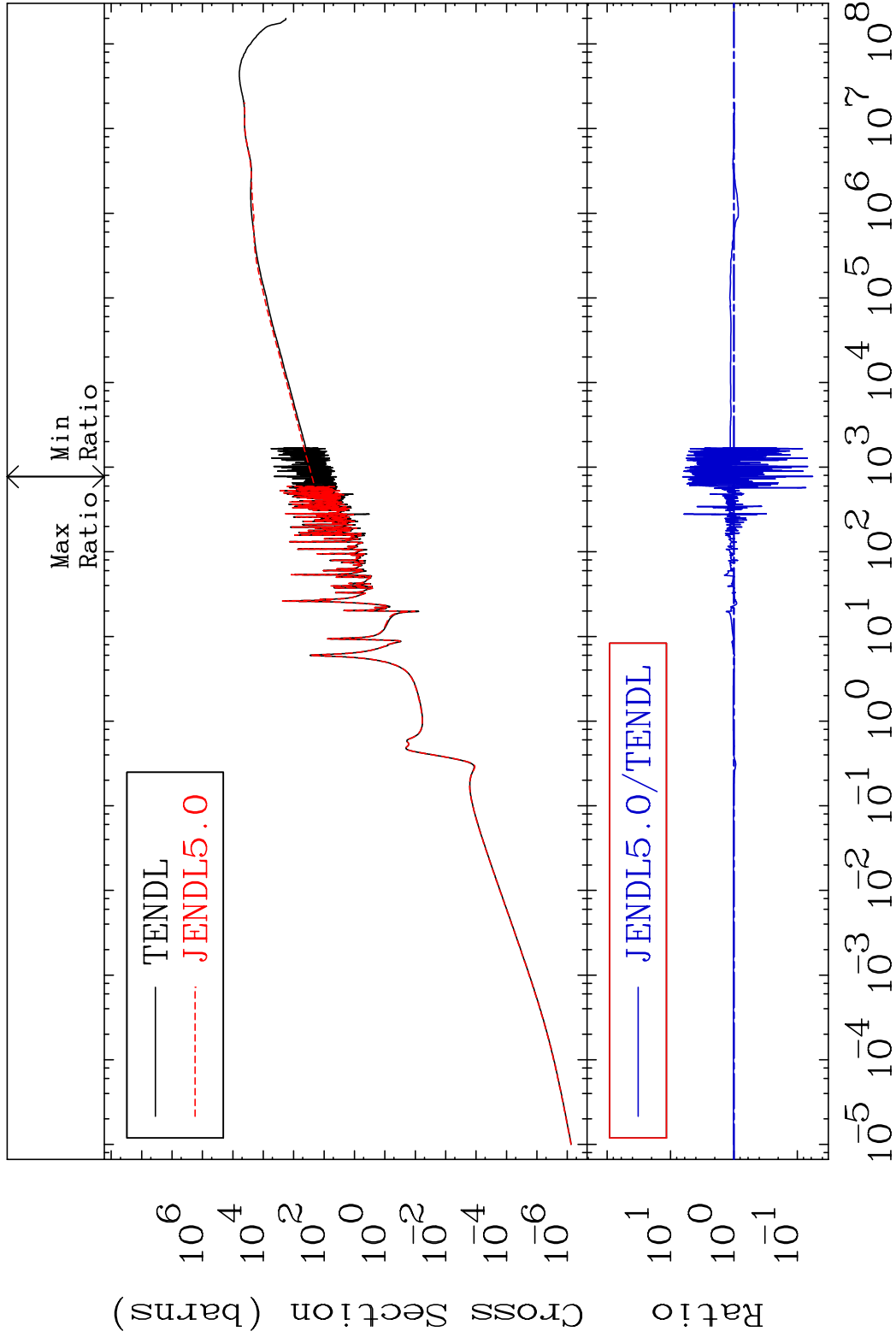




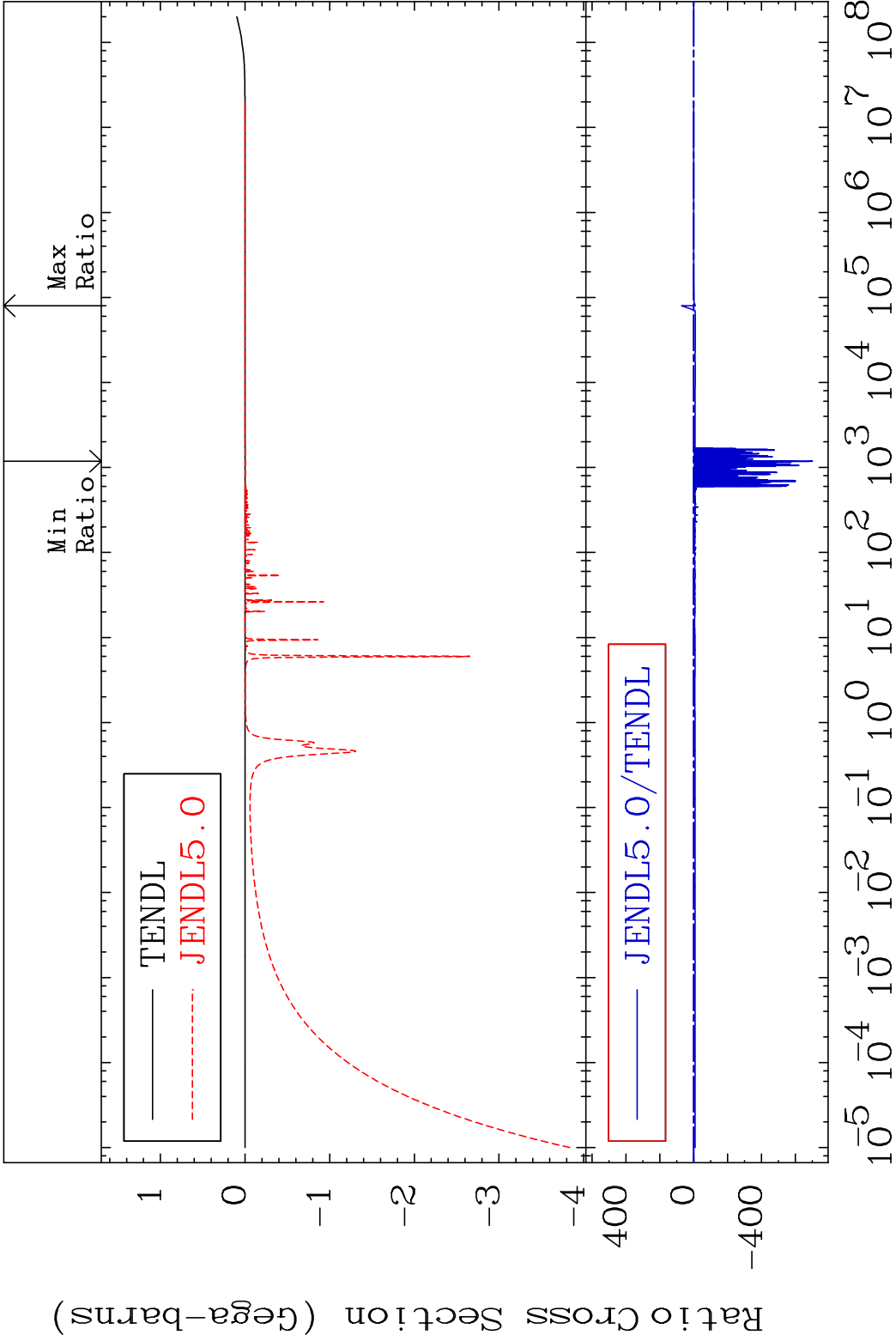


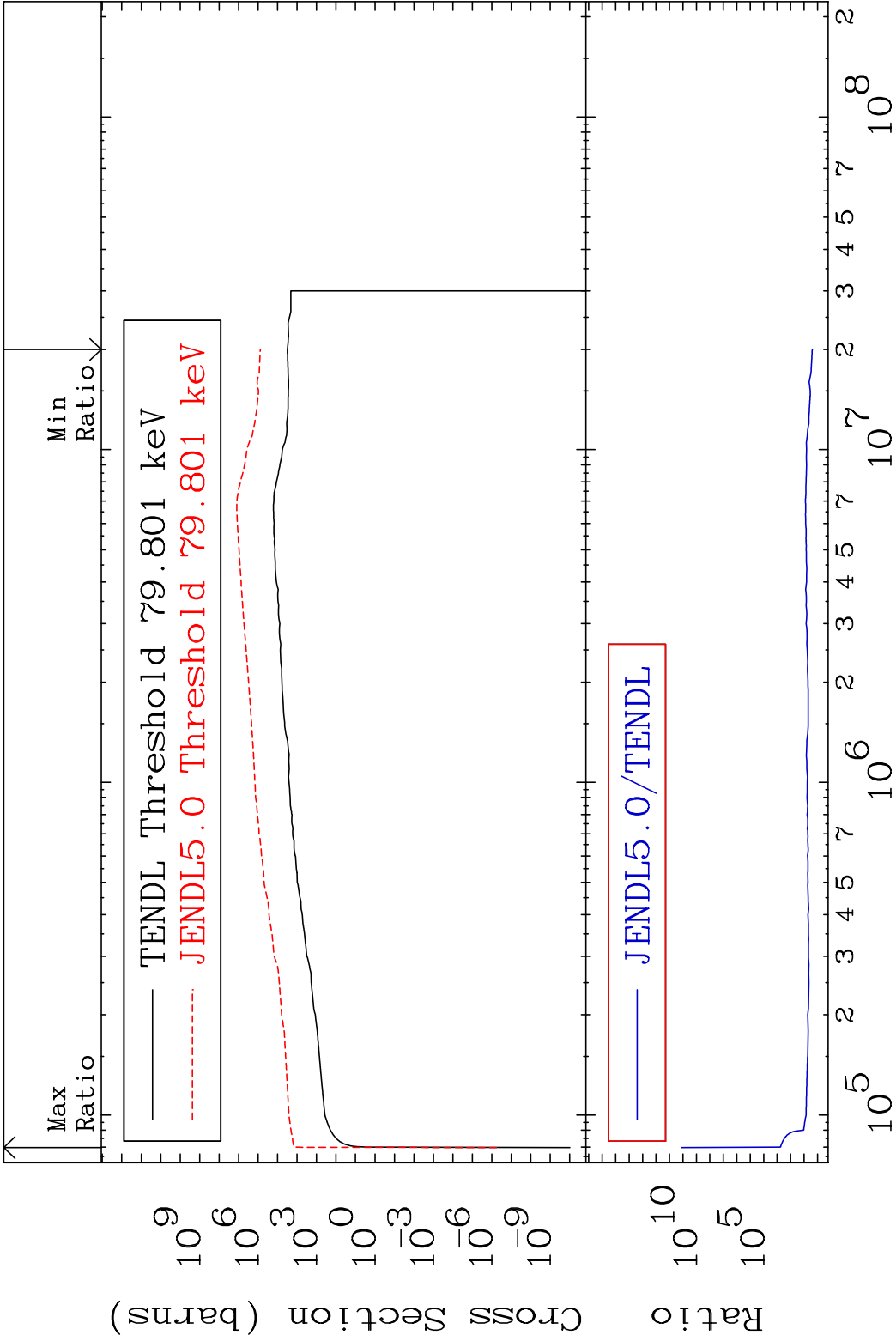


MAT 6840 Kerma elastic 68-Er-167
Cross Section -94.26 To 551.9 %

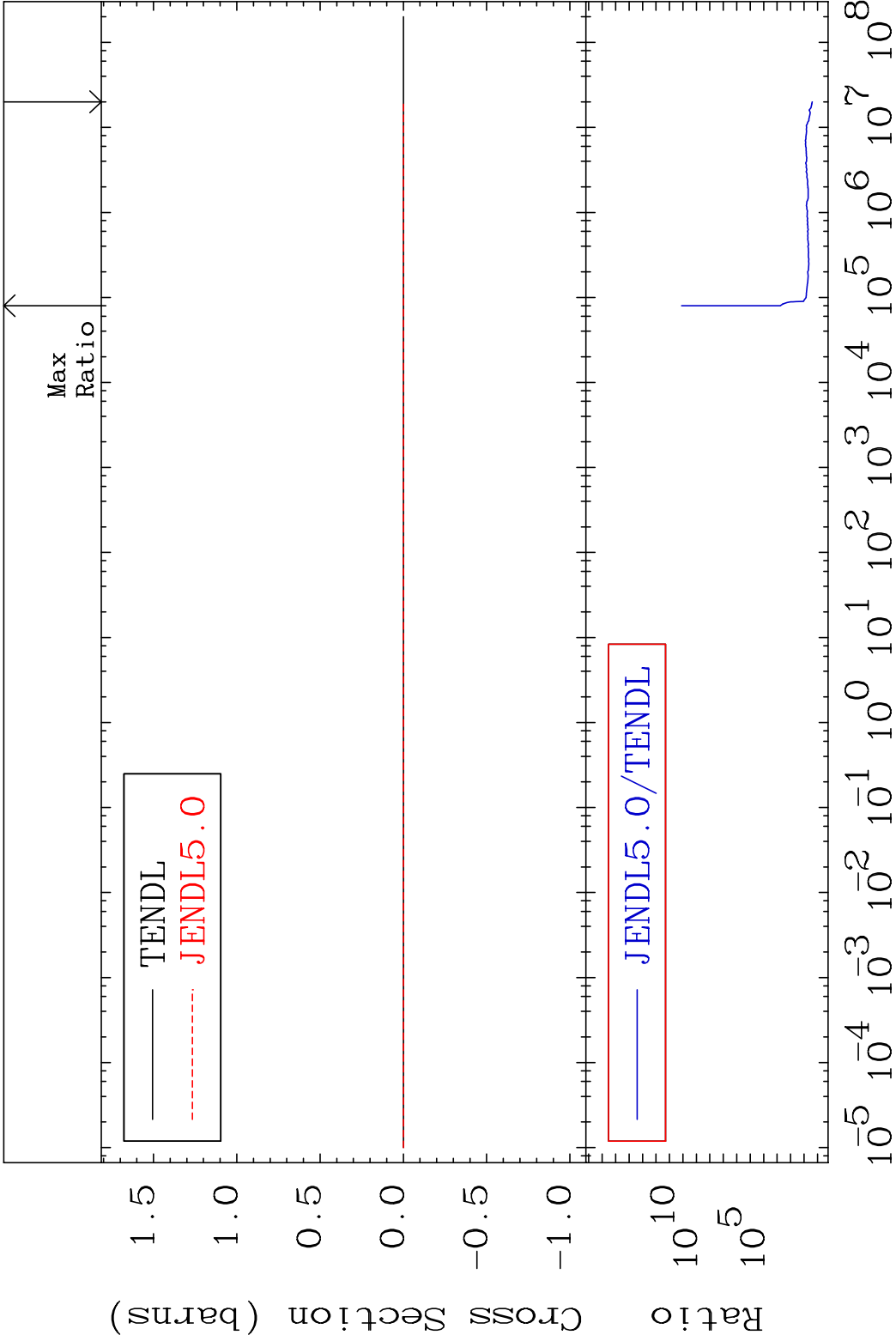


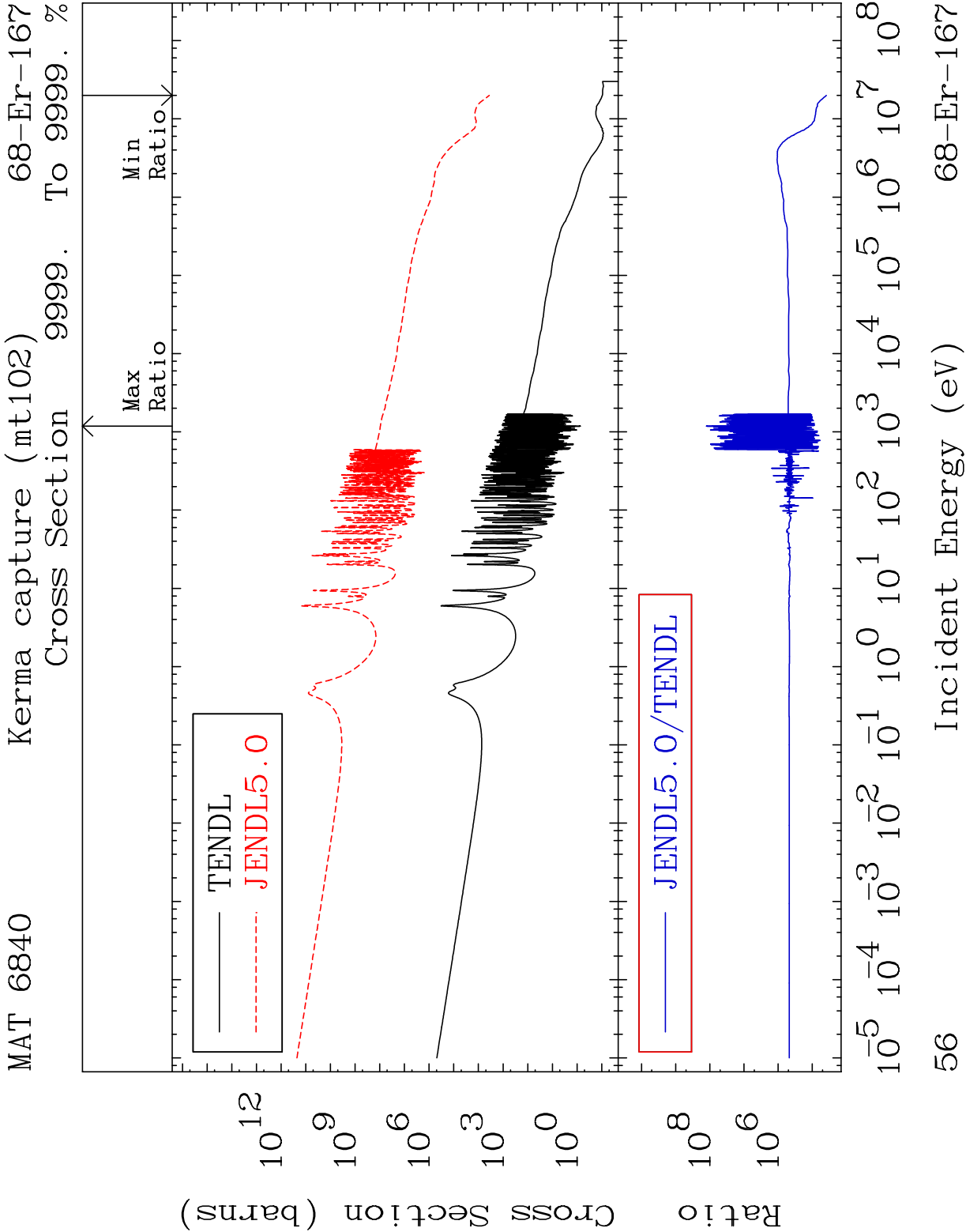
52 Incident Energy (eV) 68-Er-167



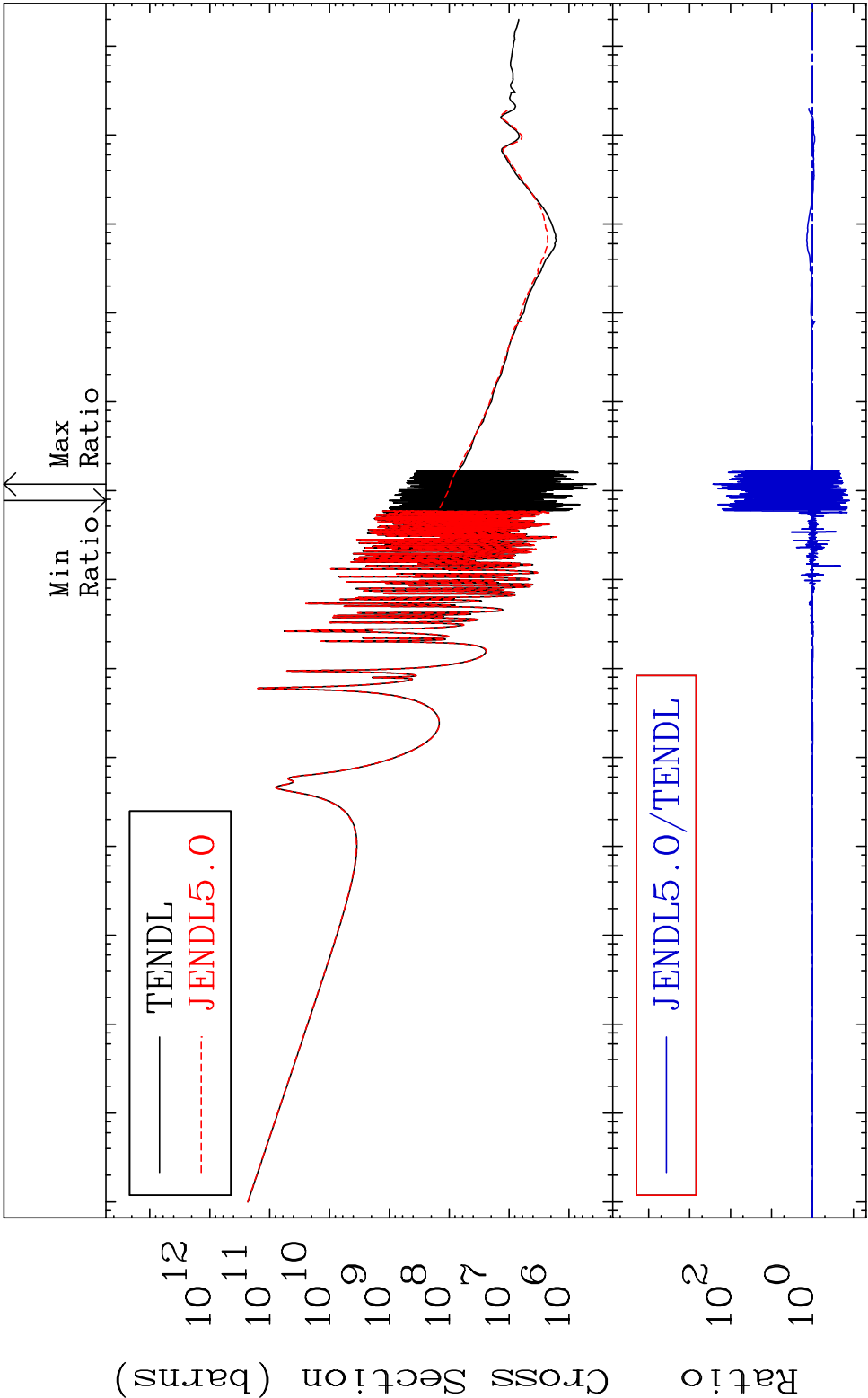


MAT 6840 Kerma fission (mt18 or mt19-20-21-38)68-Er-167
Cross Section 2351. To 9999. %



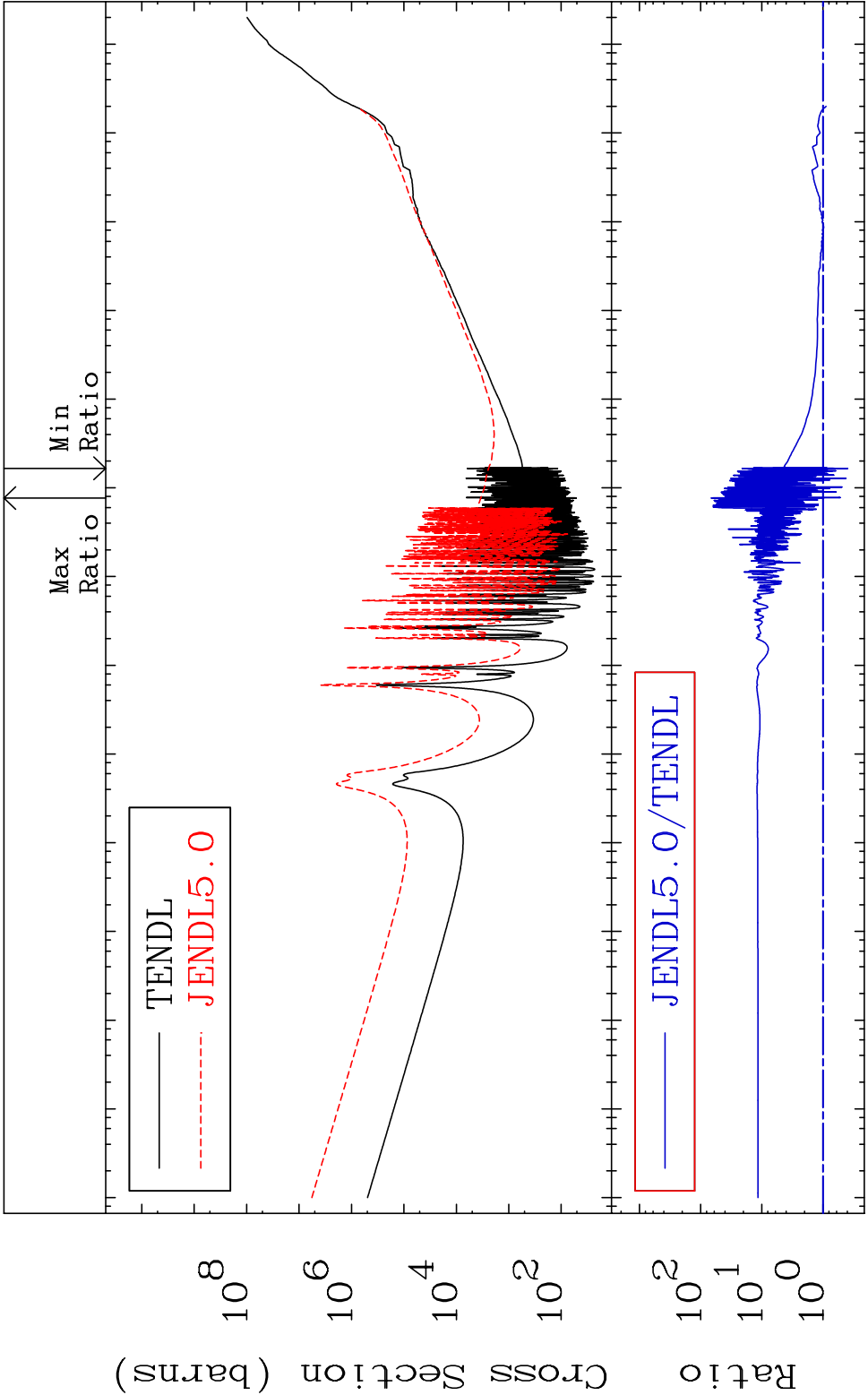


MAT 6840 Total photon (eV-barns) 68-Er-167
Cross Section -87.52 To 9999. %

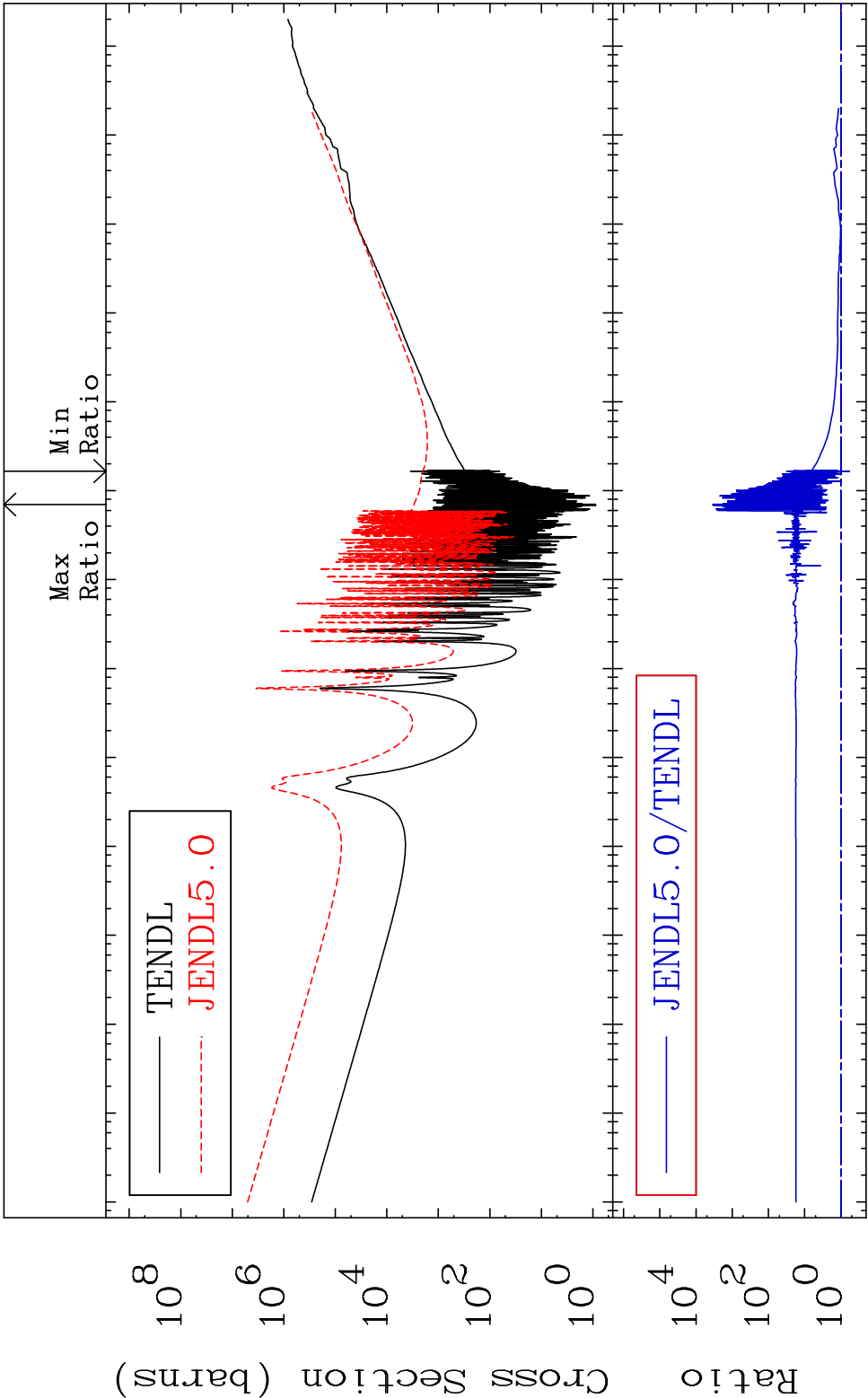


57 Incident Energy (eV) 68-Er-167

MAT 6840 Total kinematic kerma (high limit) 68-Er-167
Cross Section -60.79 To 6576. %

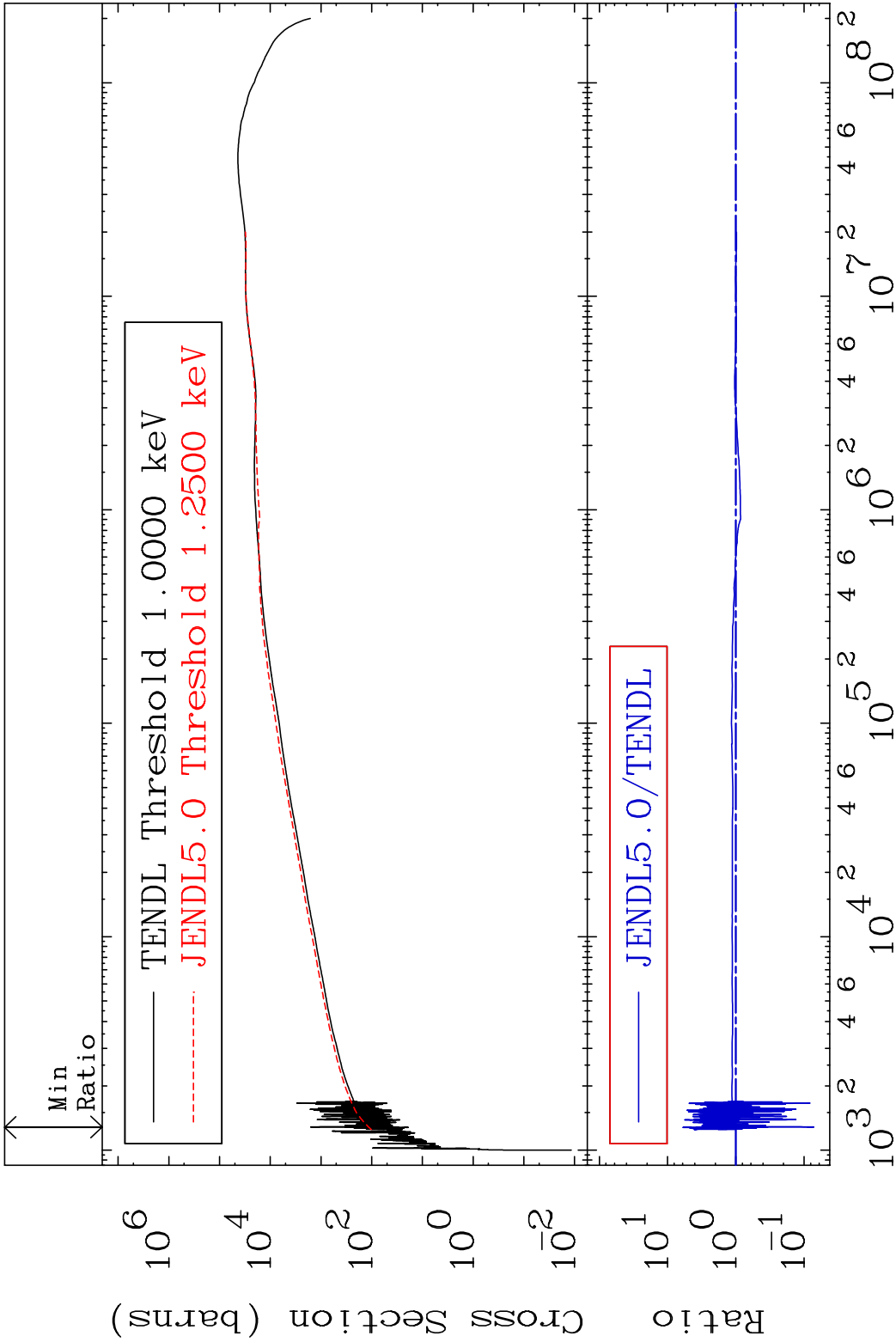


MAT 6840 Dpa total (eV-barns) 68-Er-167
Cross Section -42.16 To 9999. %



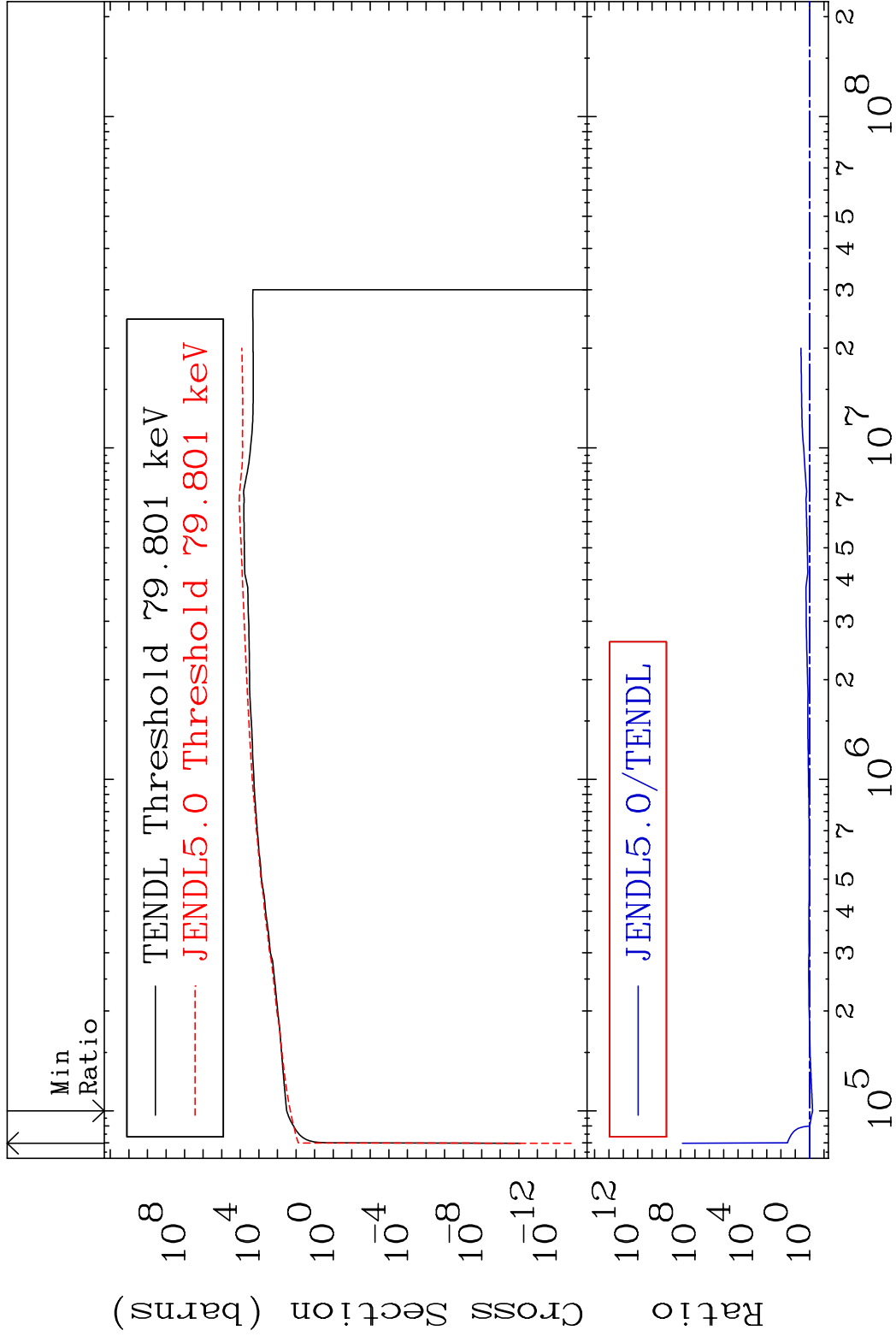
59 Incident Energy (eV) 68-Er-167

MAT 6840 Dpa elastic (mt2) 68-Er-167
Cross Section -92.81 To 493.6 %

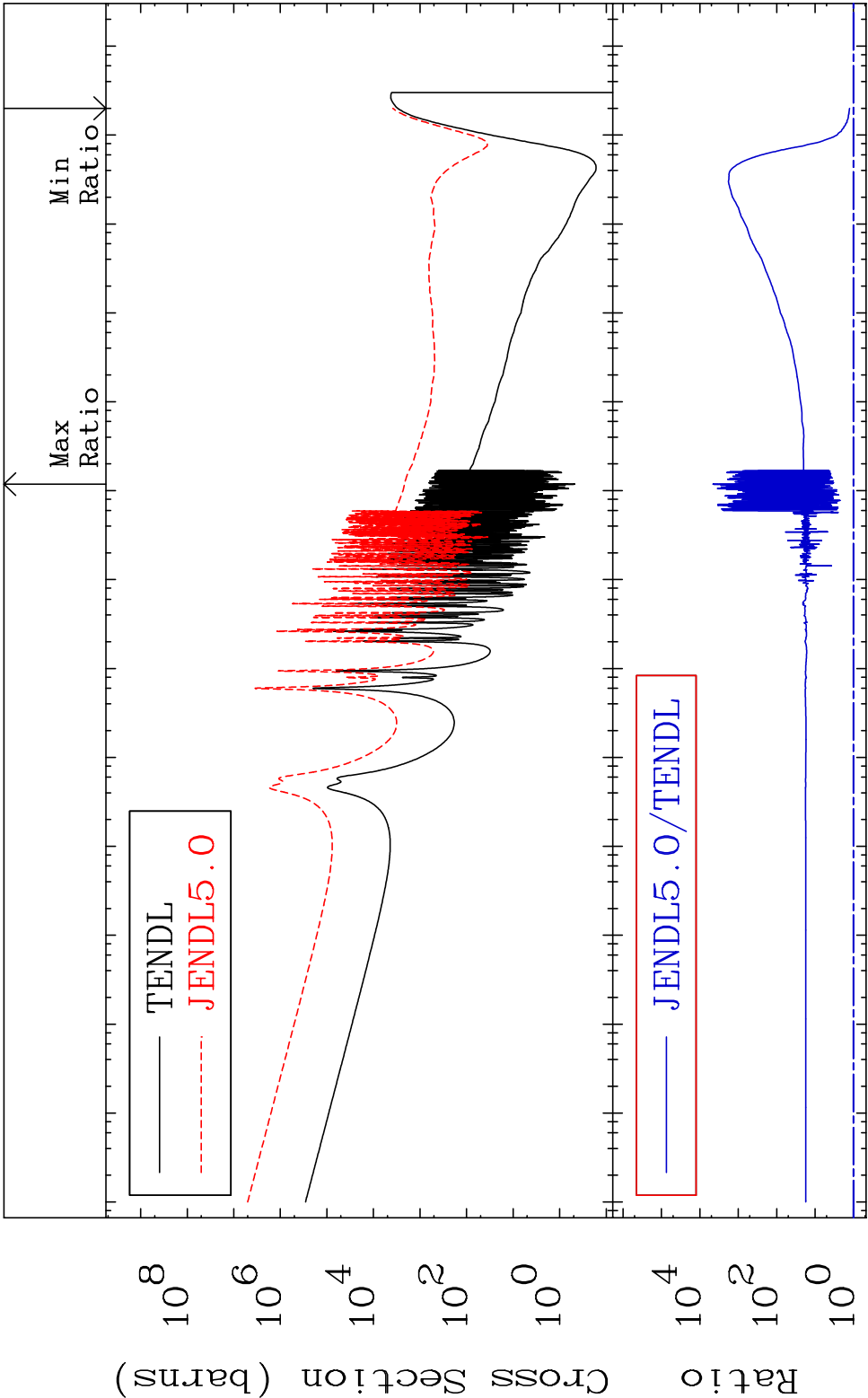


60 Incident Energy (eV) 68-Er-167

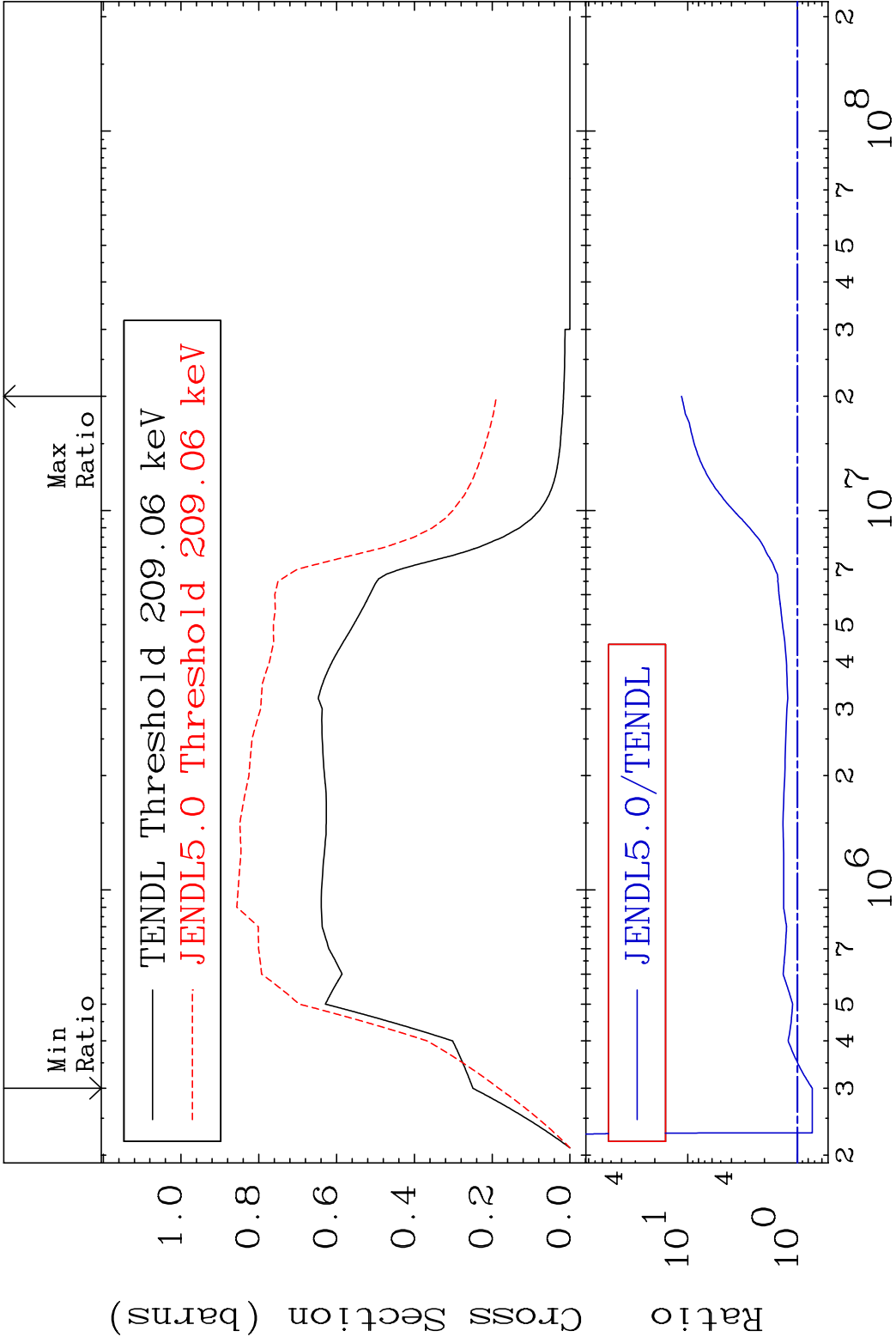
MAT 6840 Dpa inelastic (mt51-91) 68-Er-167
Cross Section -36.84 To 9999. %

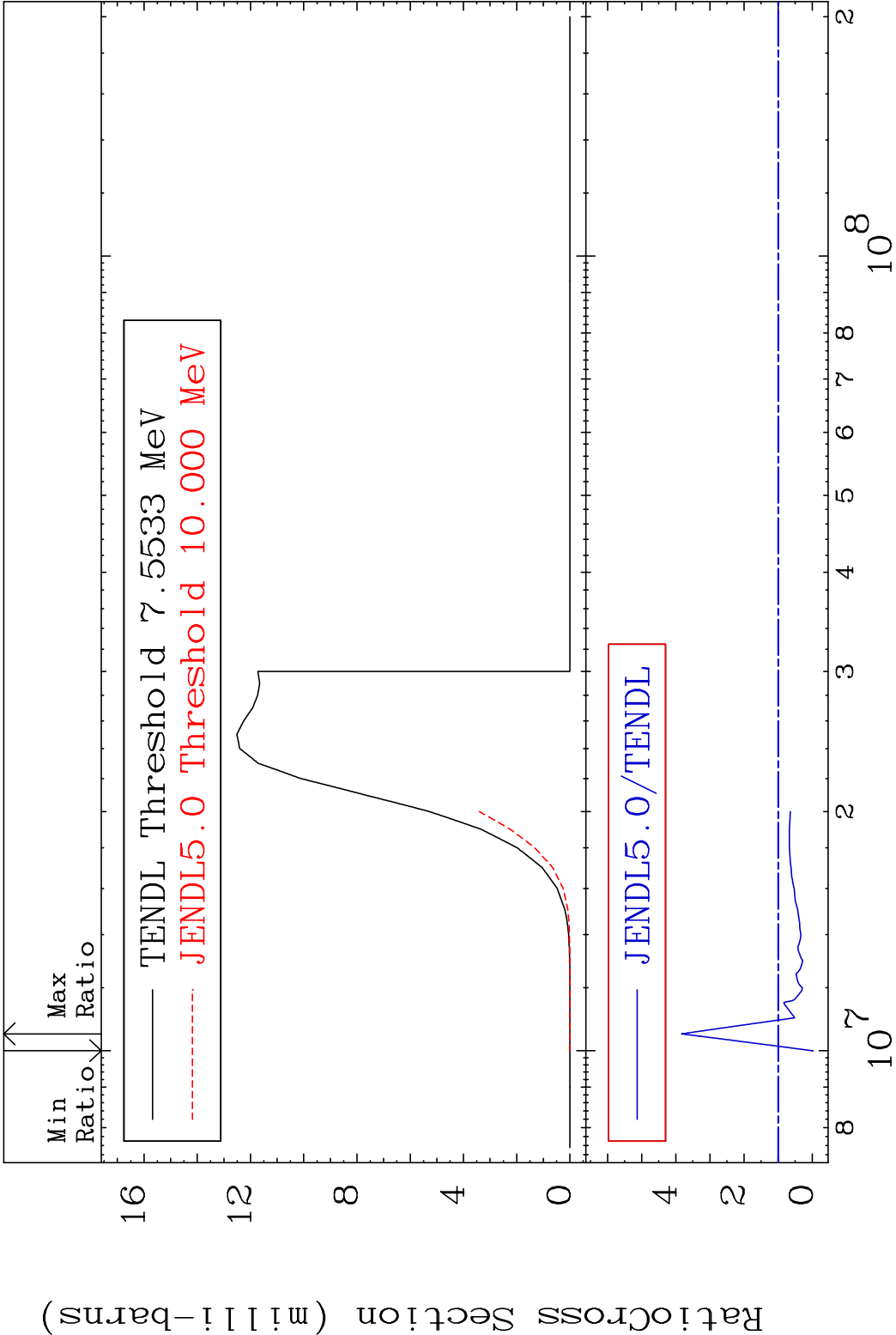


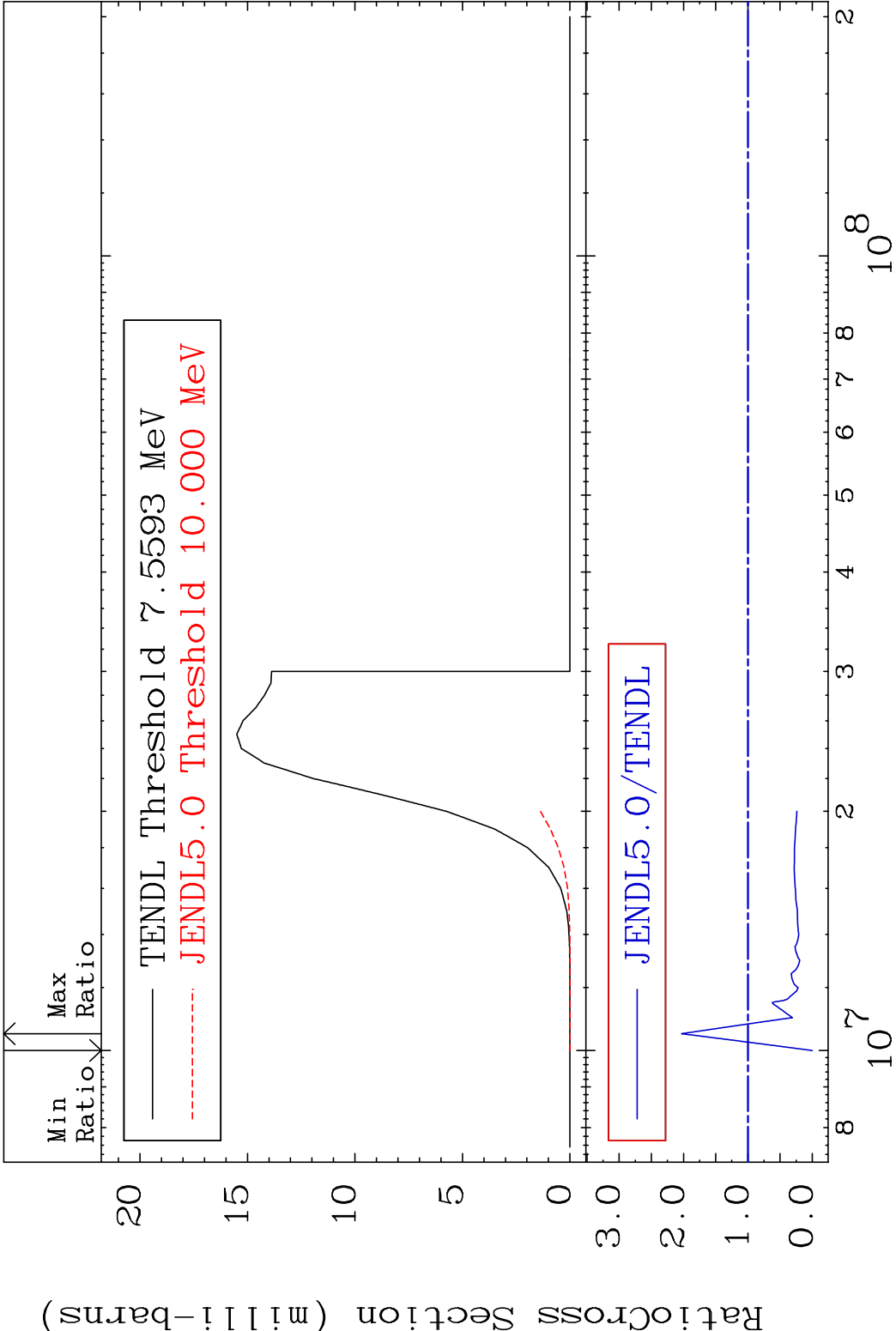
MAT 6840 Dpa disappearance (mt102 -120) 68-Er-167
Cross Section 26.75 To 9999. %



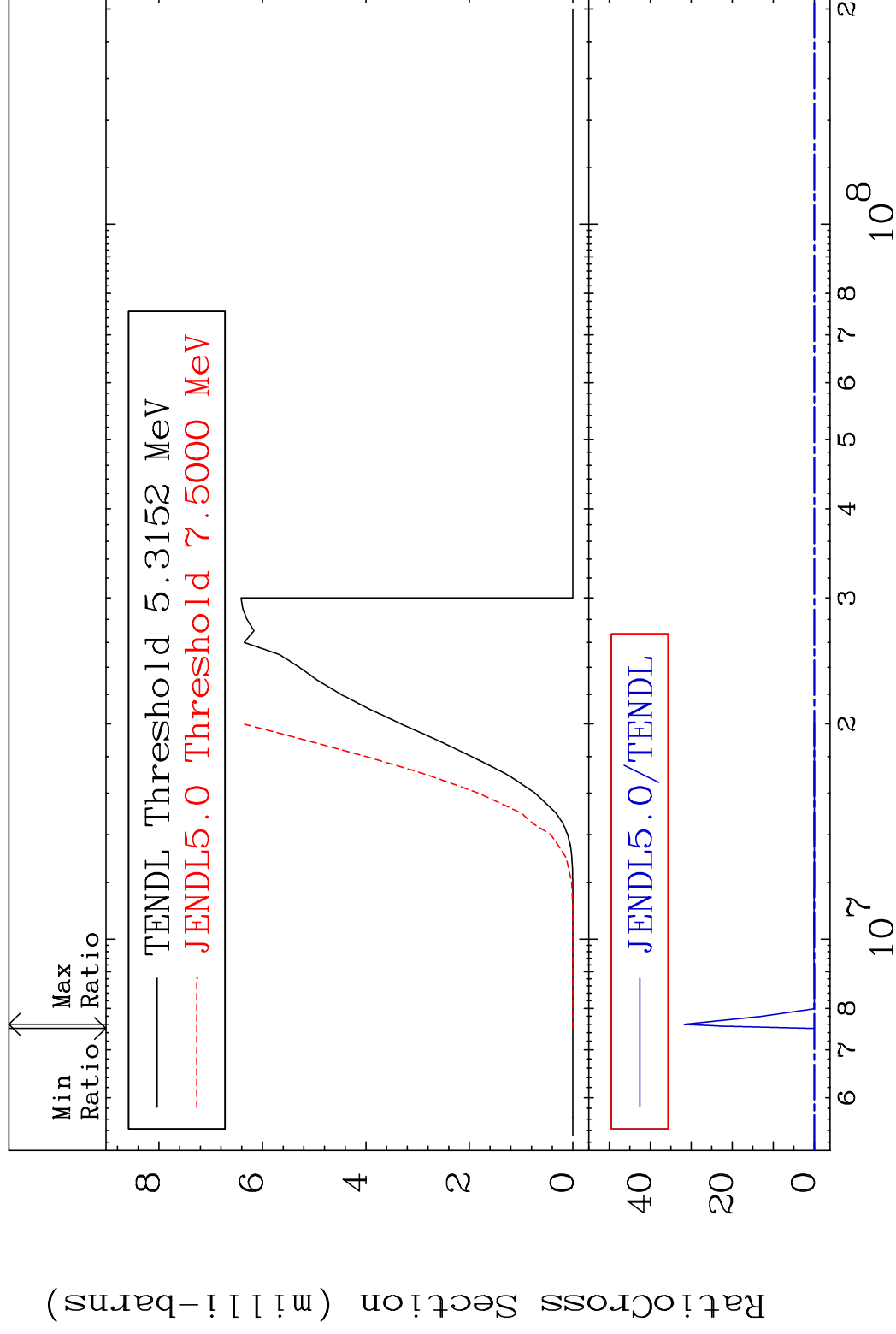
62 Incident Energy (eV) 68-Er-167

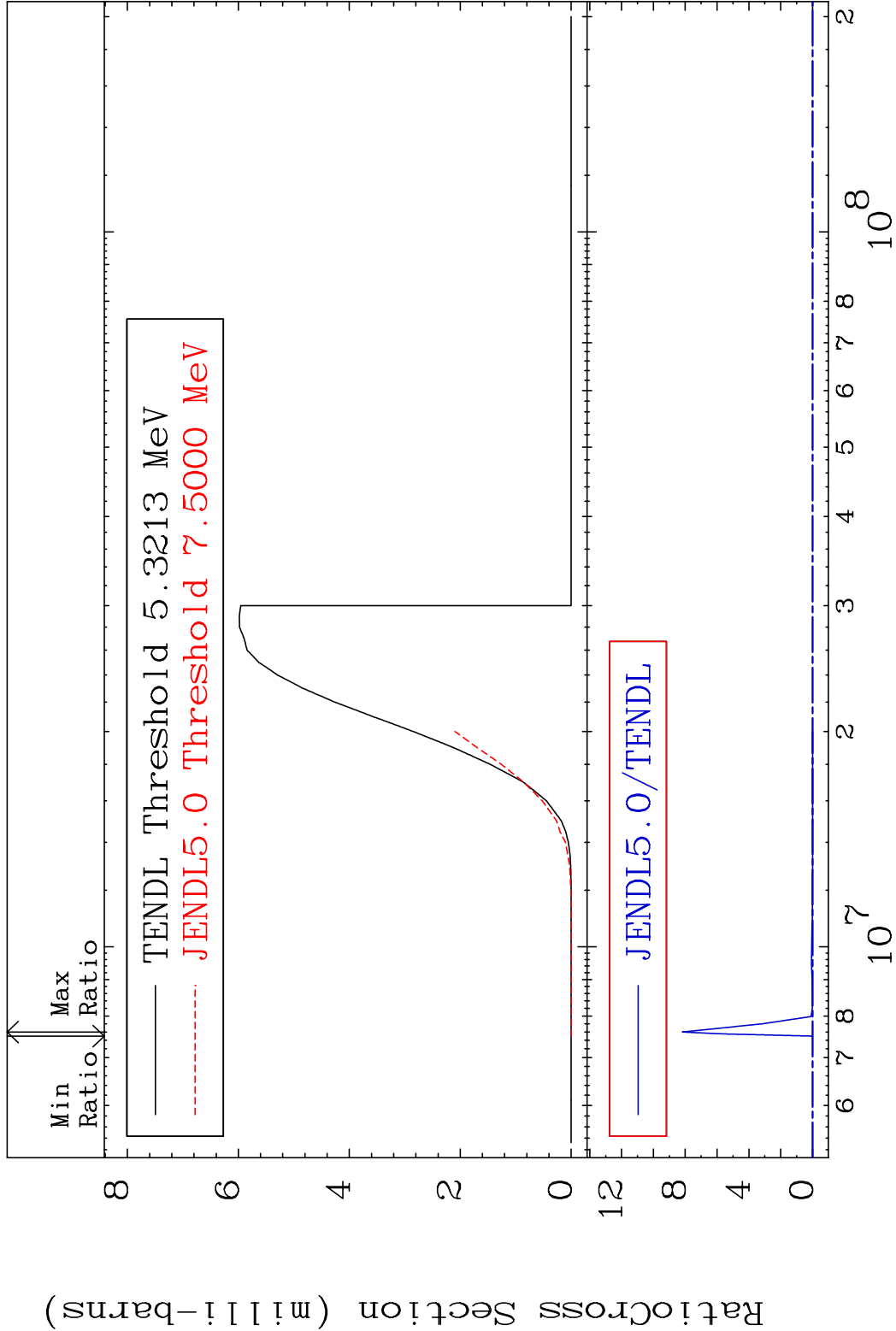


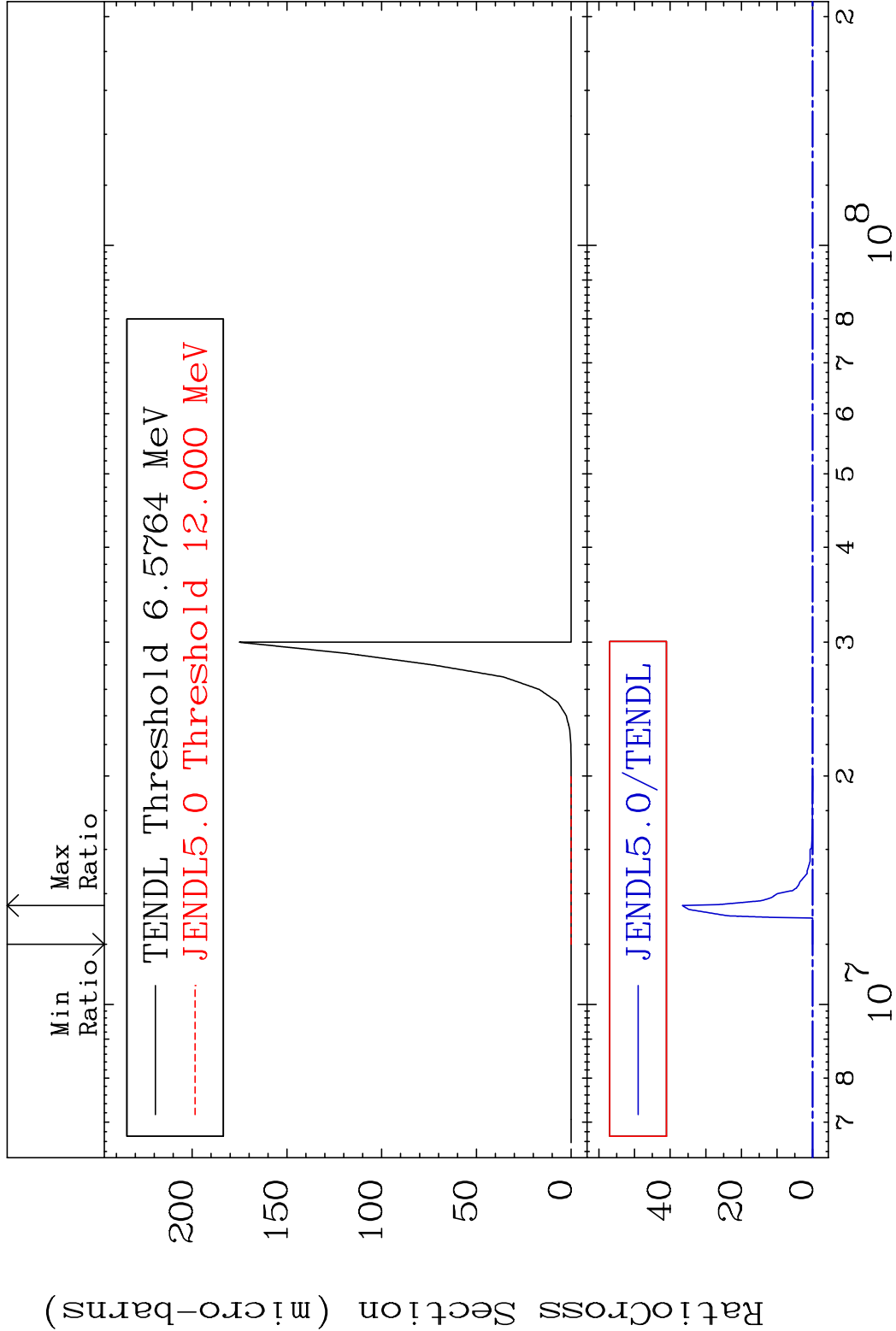


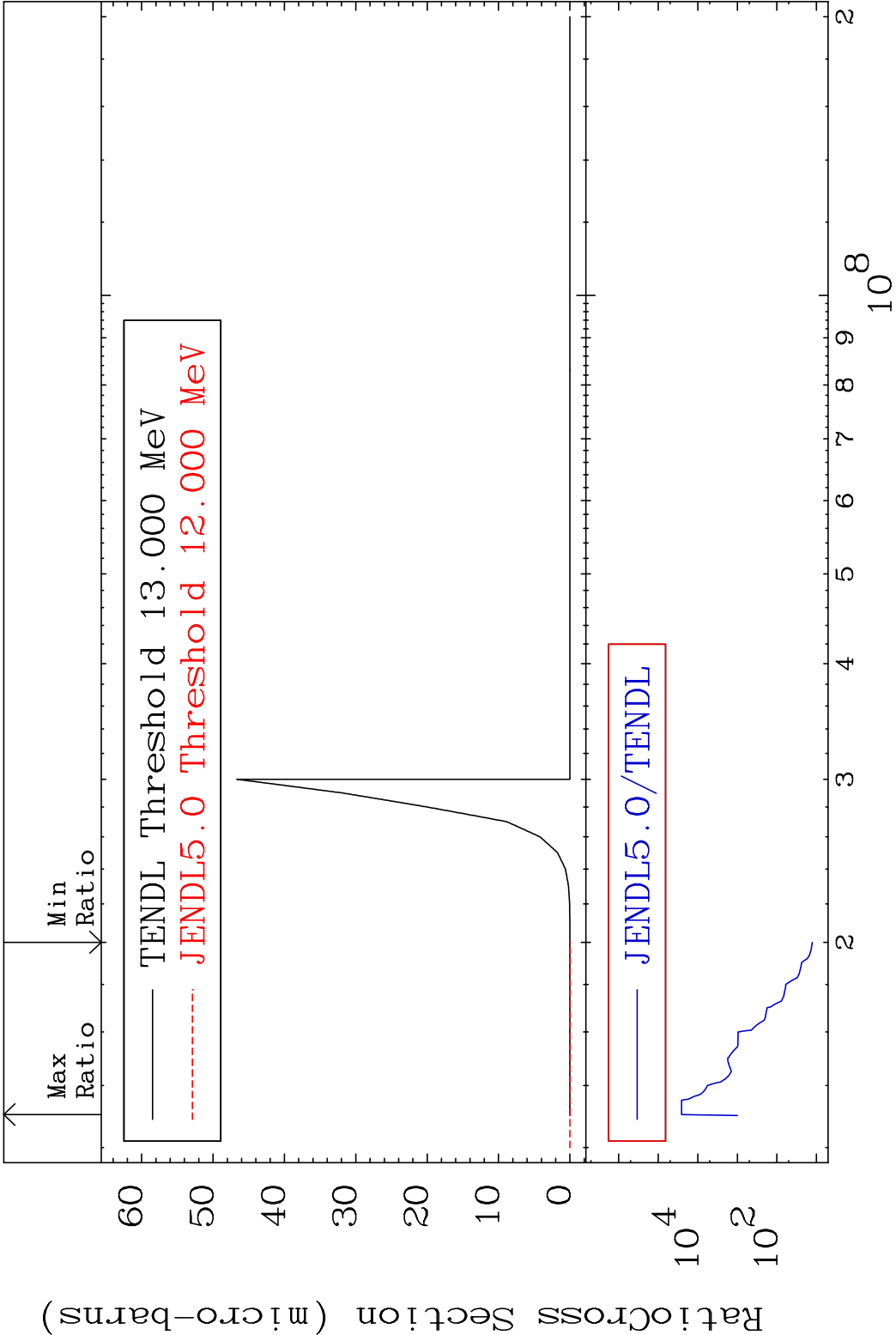


Radionuclide Production Cross-Section 1999. %

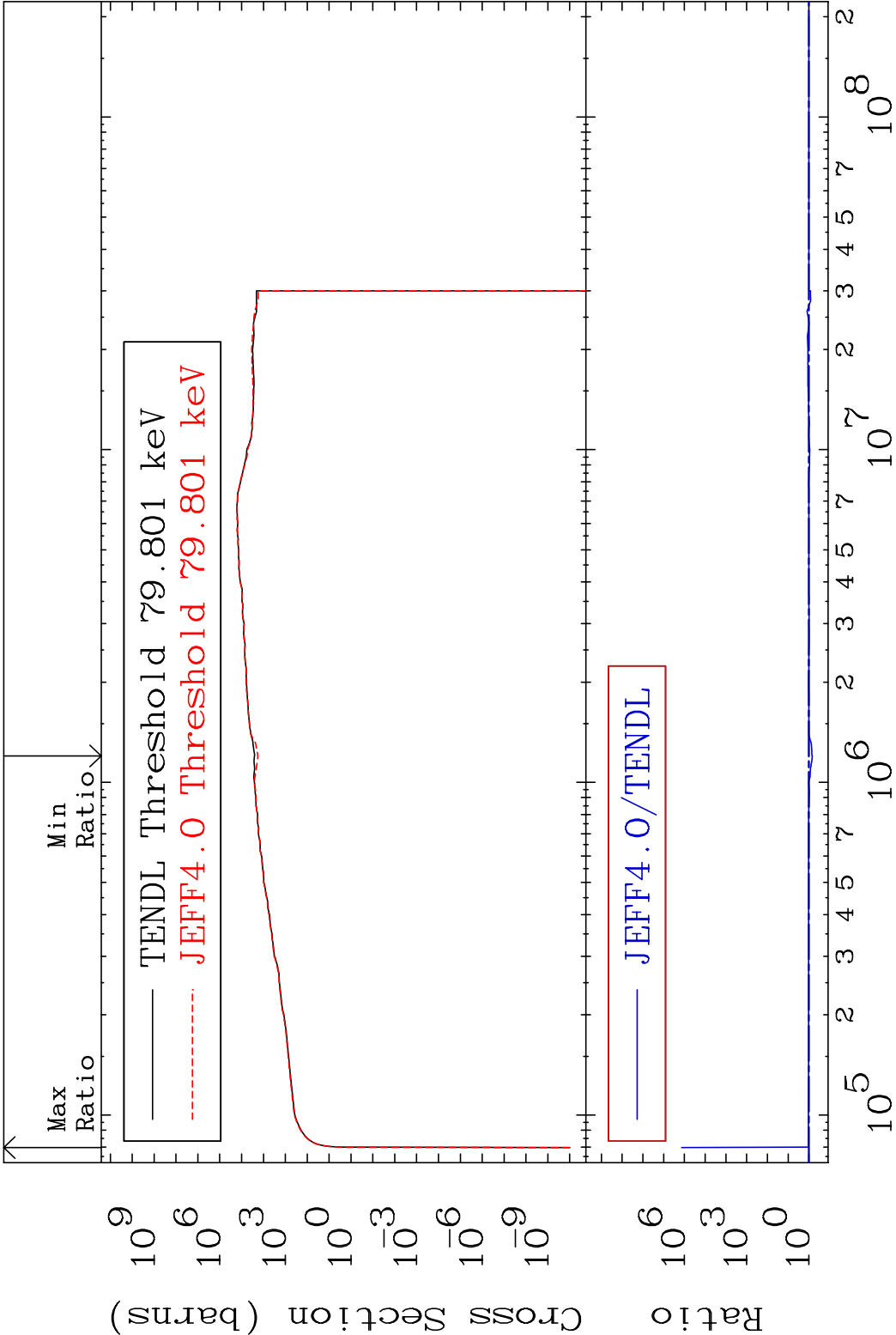






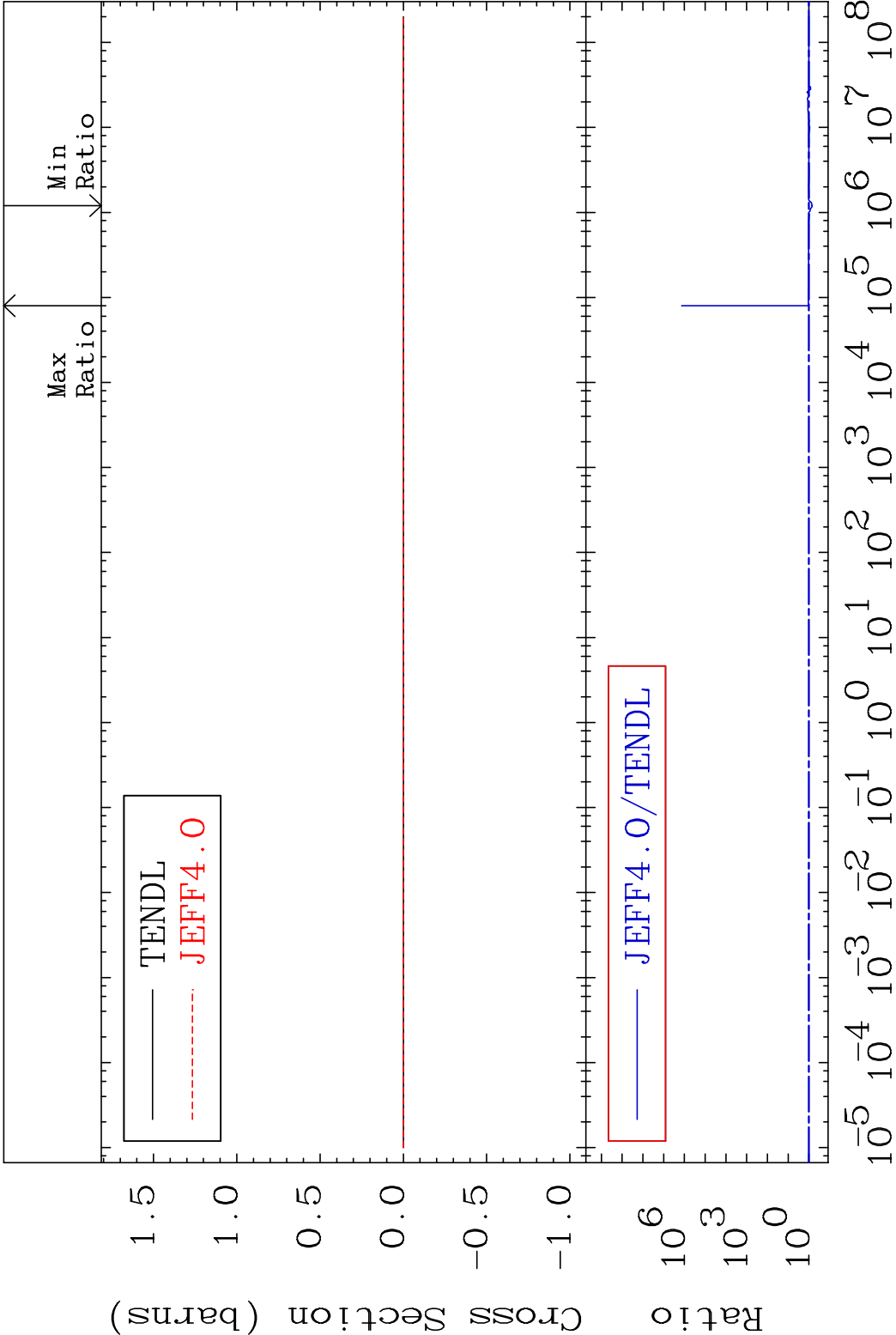


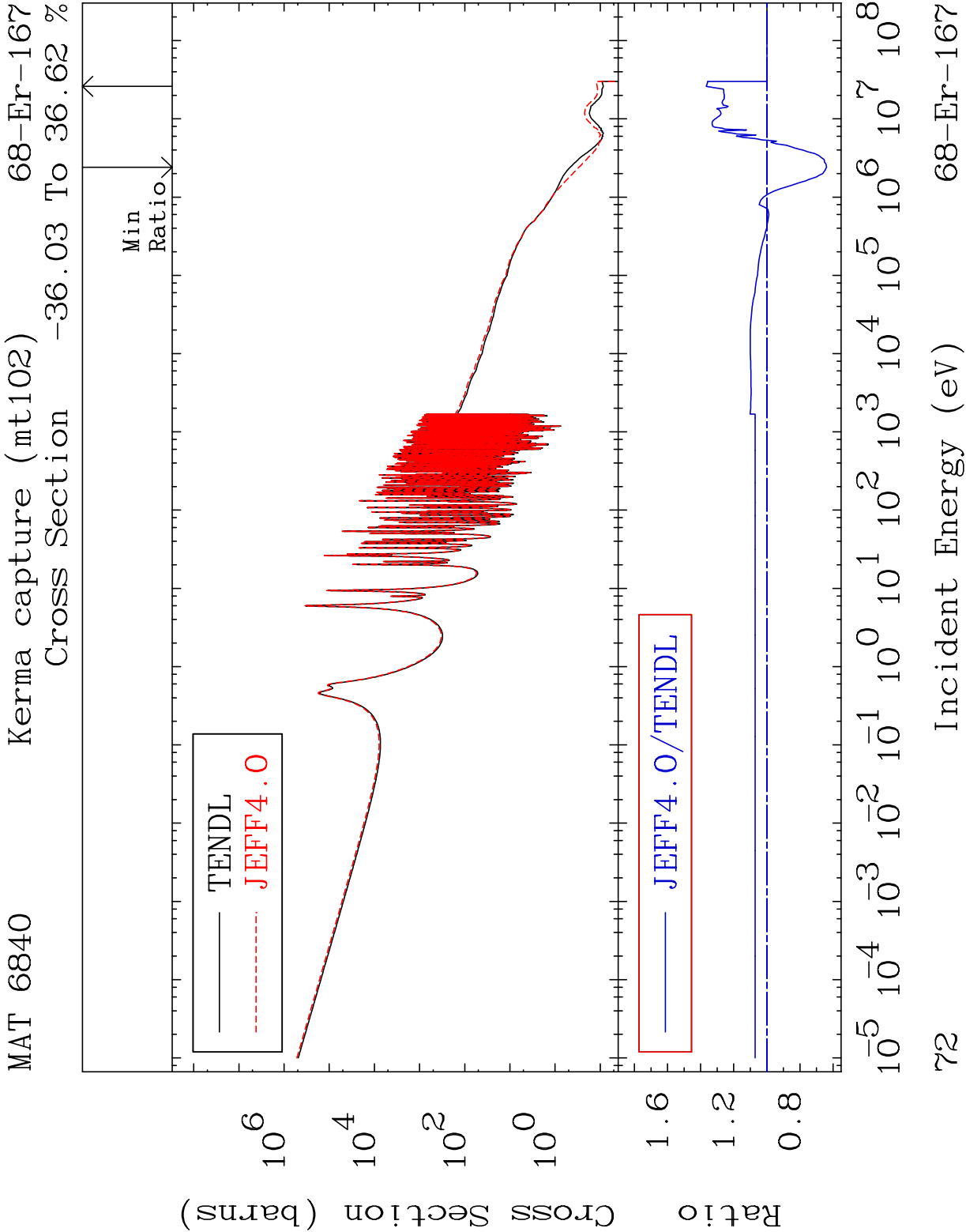
MAT 6840 Kerma inelastic (mt51-91) 68-Er-167
Cross Section -30.80 To 9999. %

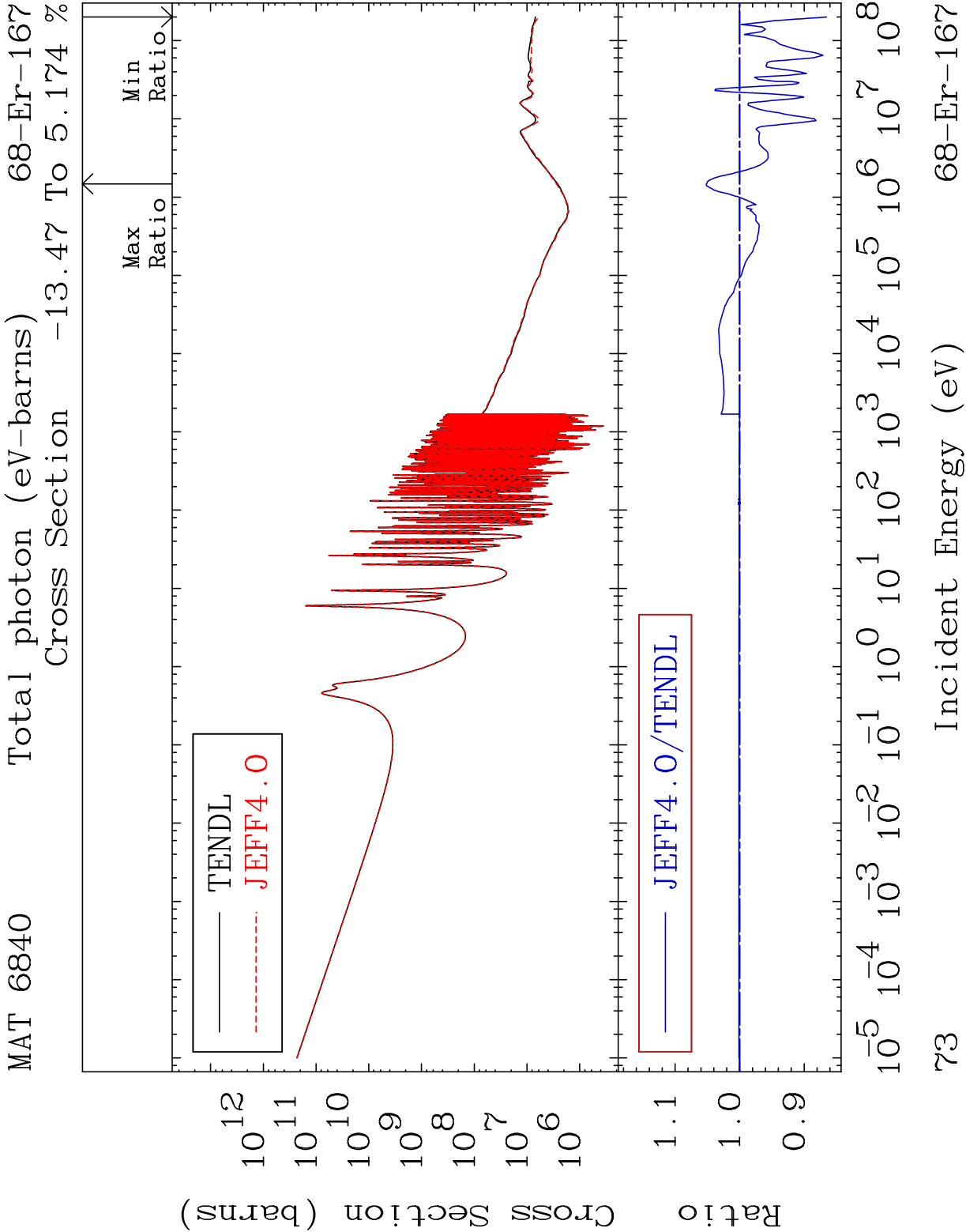


70 Incident Energy (eV) 68-Er-167

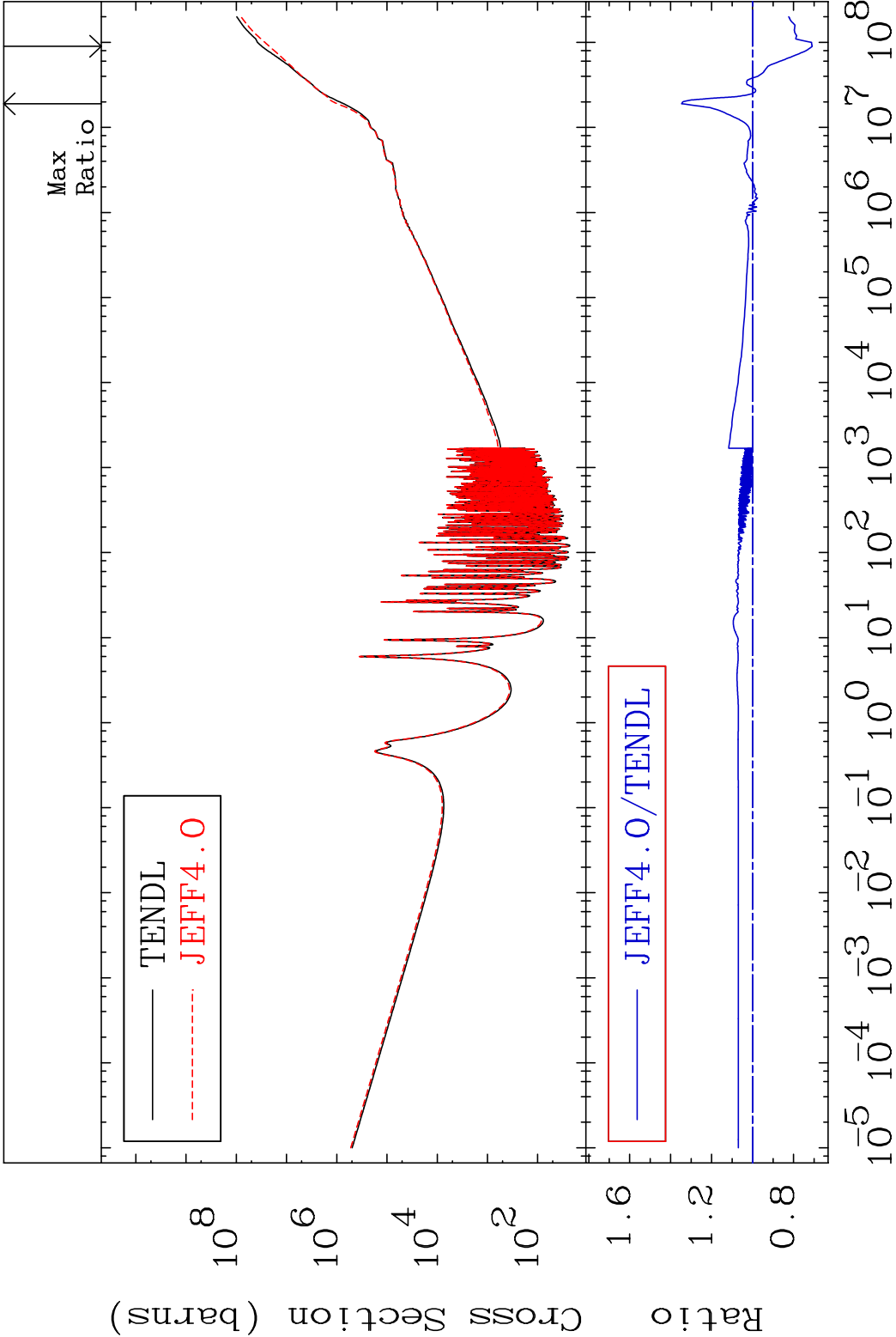
MAT 6840 Kerma fission (mt18 or mt19-20-21-38)68-Er-167
 Cross Section -30.80 To 9999. %



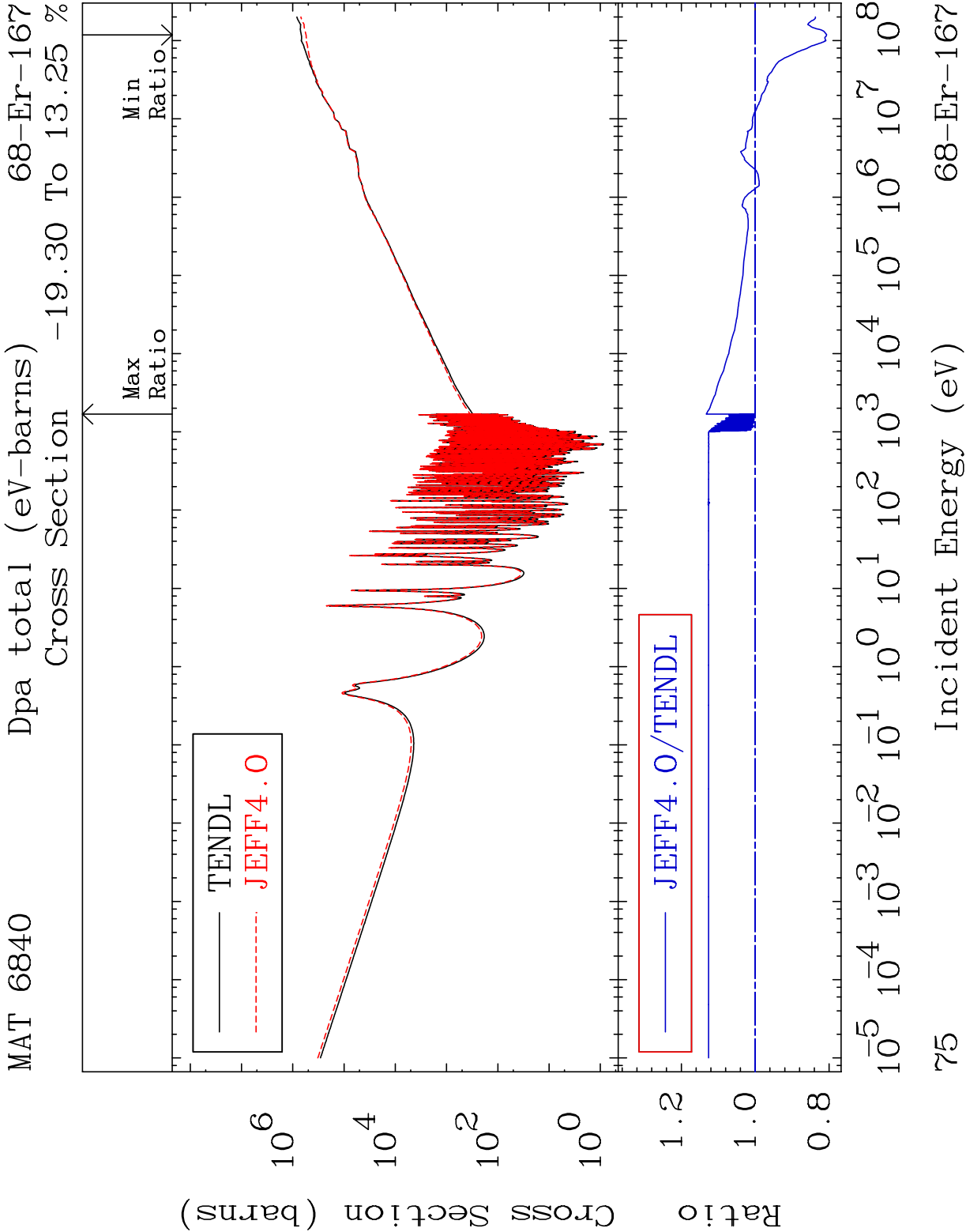




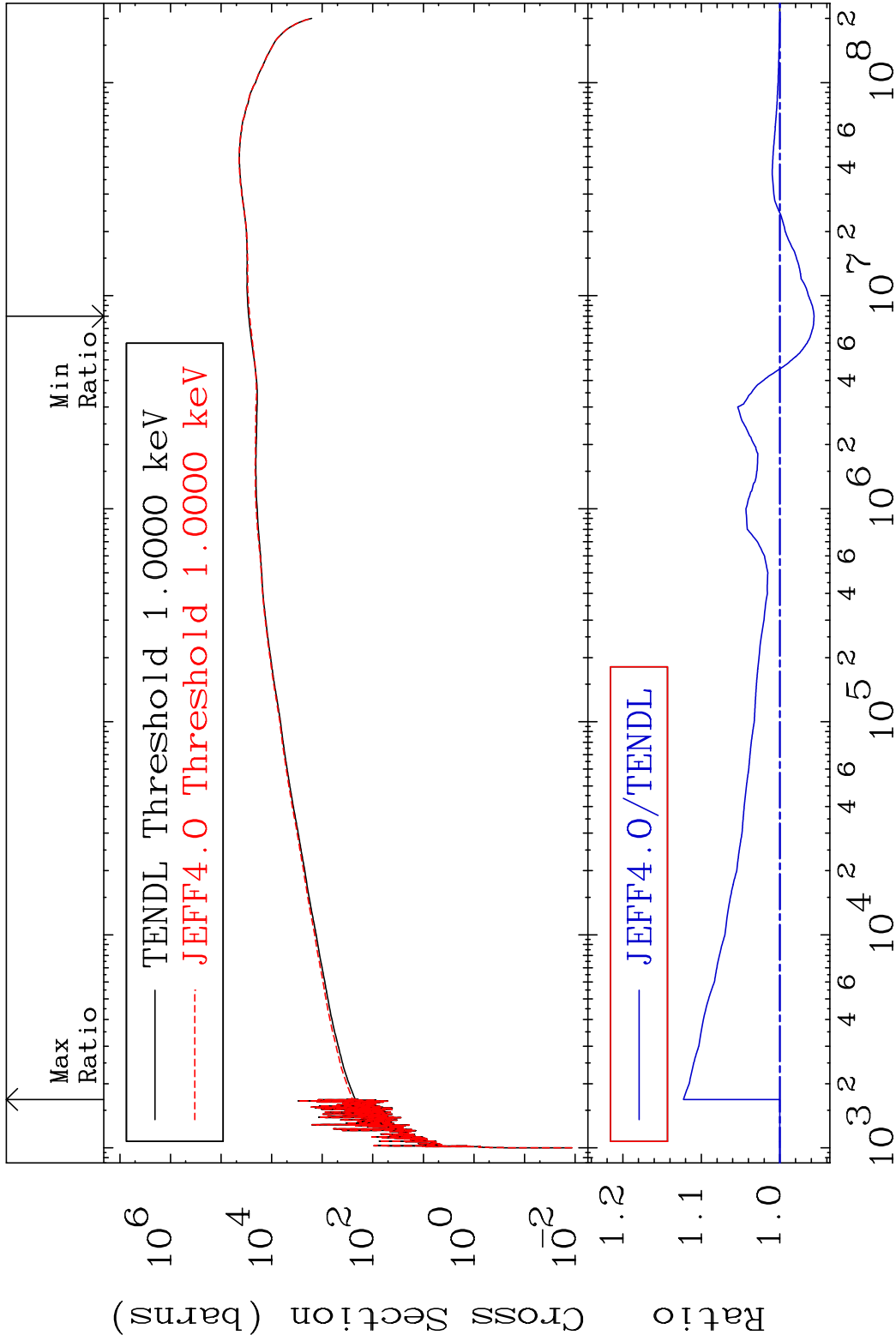
MAT 6840 Total kinematic kerma (high limit) 68-Er-167
Cross Section -29.13 To 34.69 %



74 Incident Energy (eV) 68-Er-167



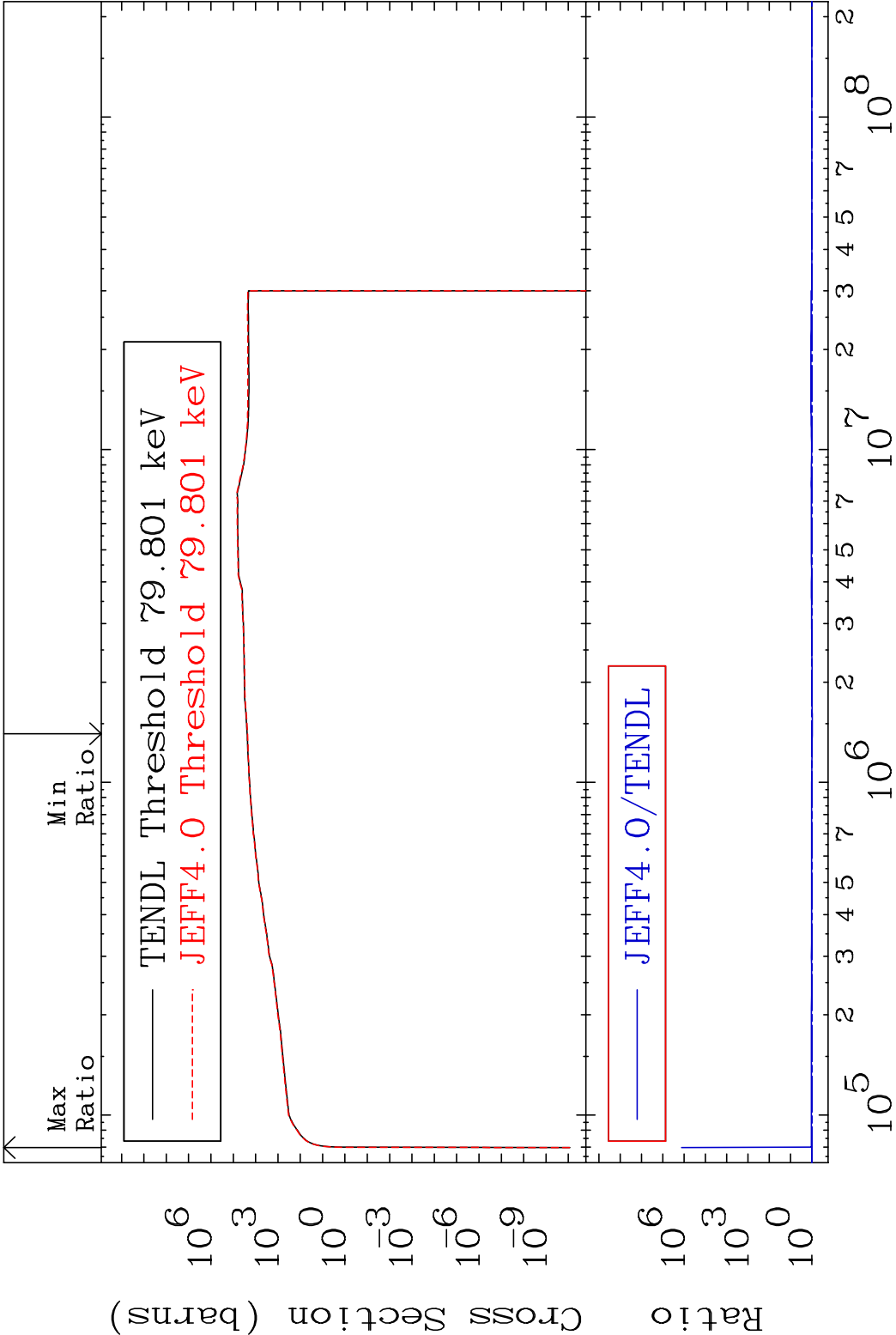
MAT 6840	Dpa elastic (mt2)	68-Er-167
	Cross Section	-4.352 To 12.28 %



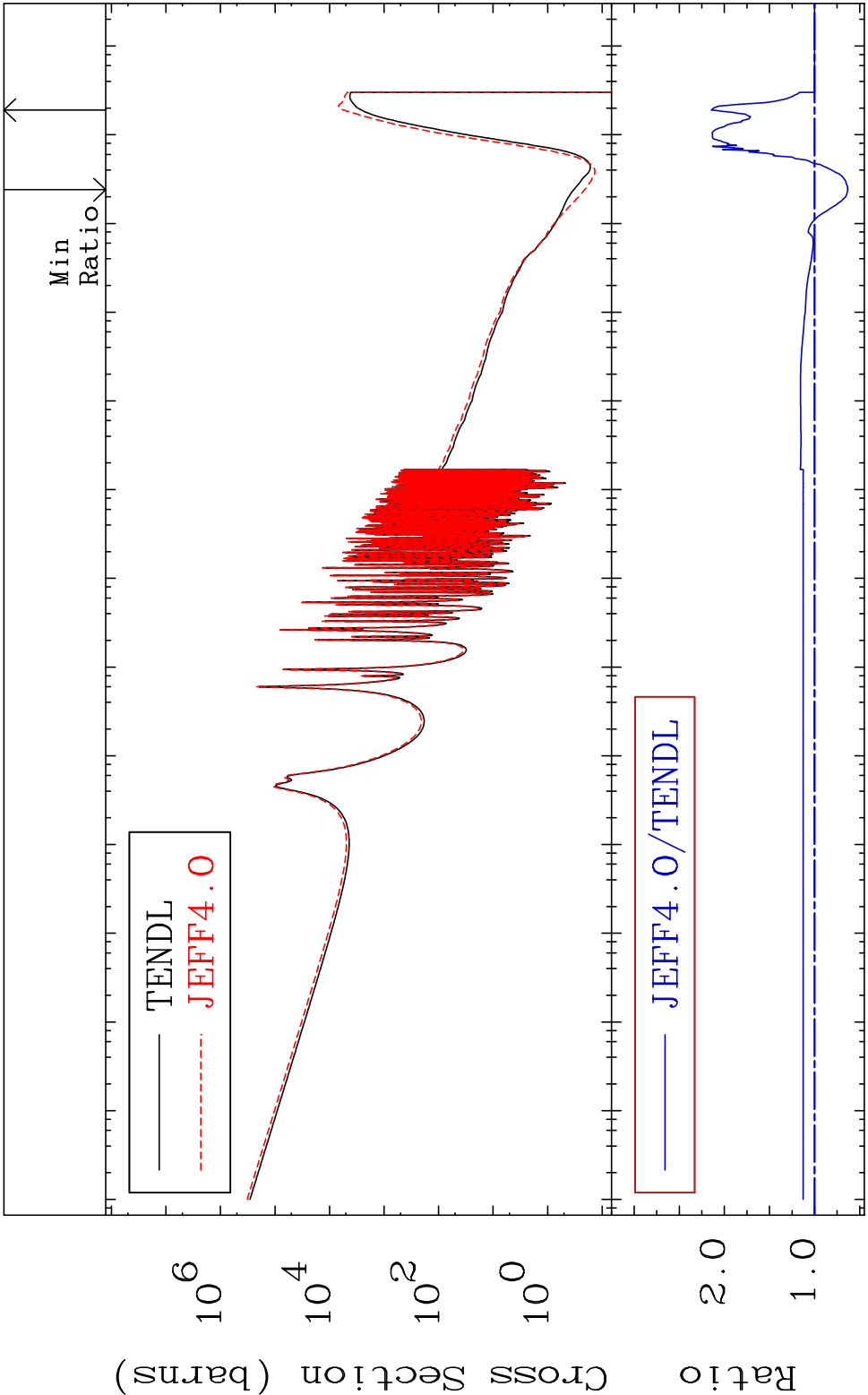
76	Incident Energy (eV)	68-Er-167
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MAT 6840 Dpa inelastic (mt51-91) 68-Er-167

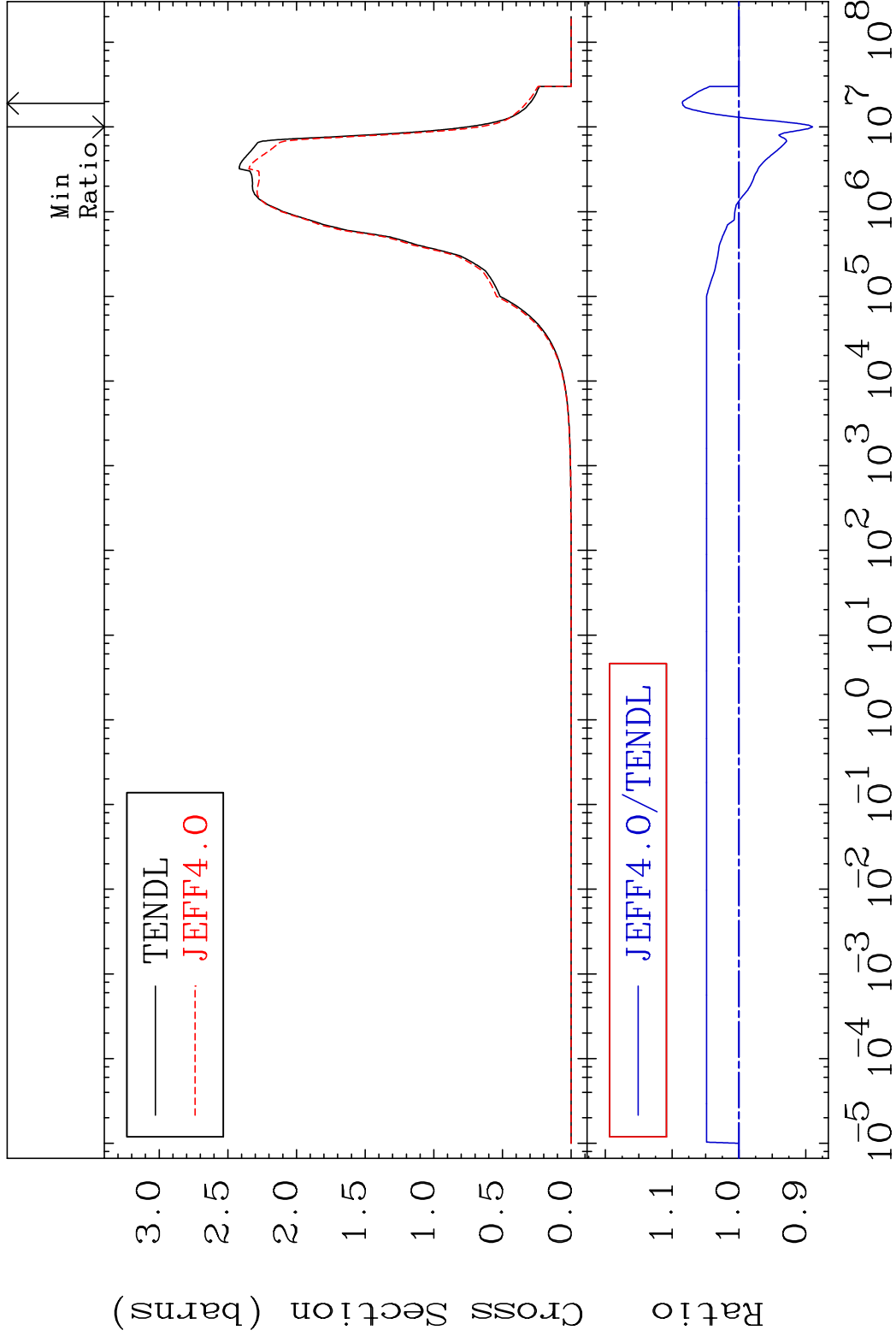
Cross Section -4.591 To 9999. %

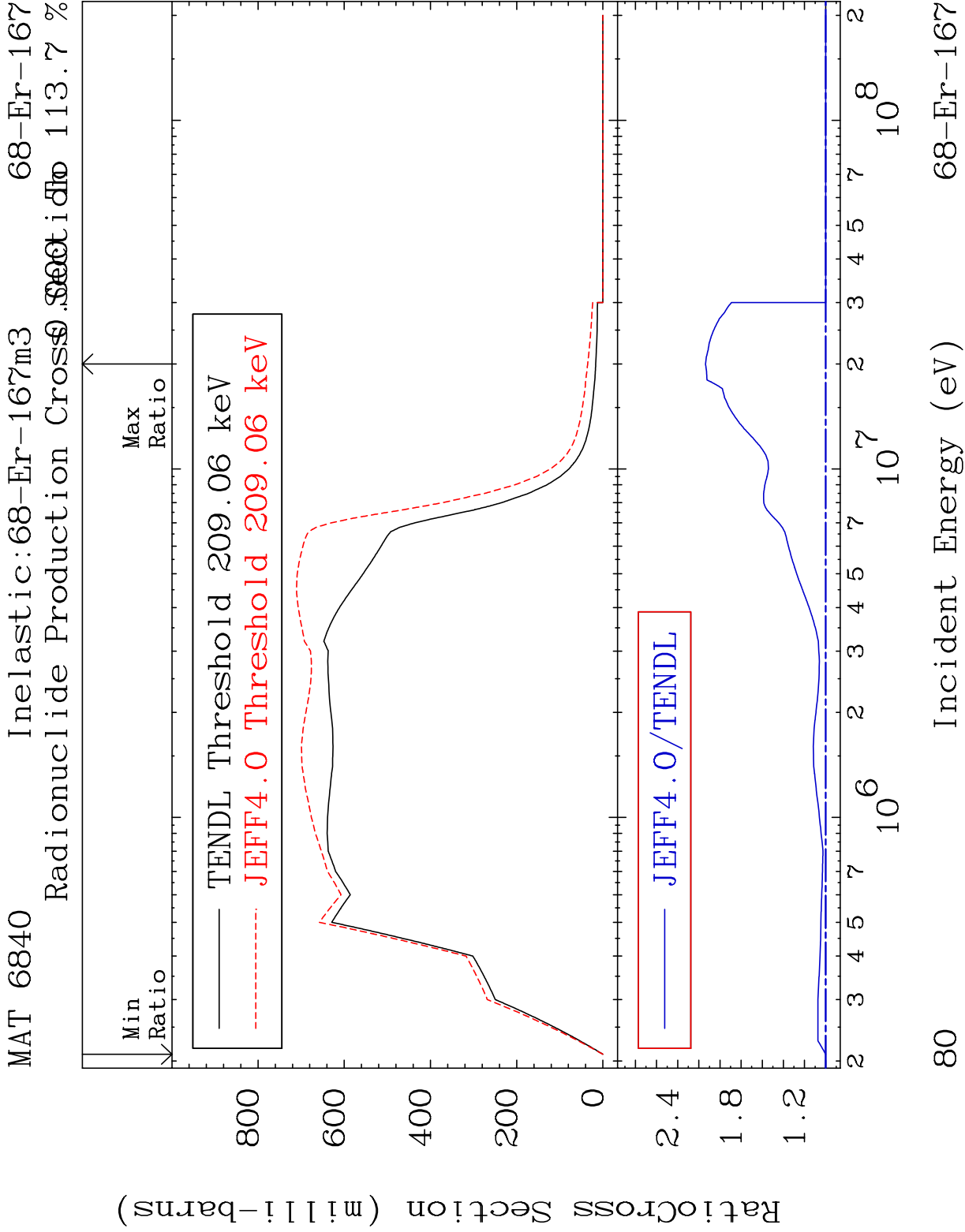


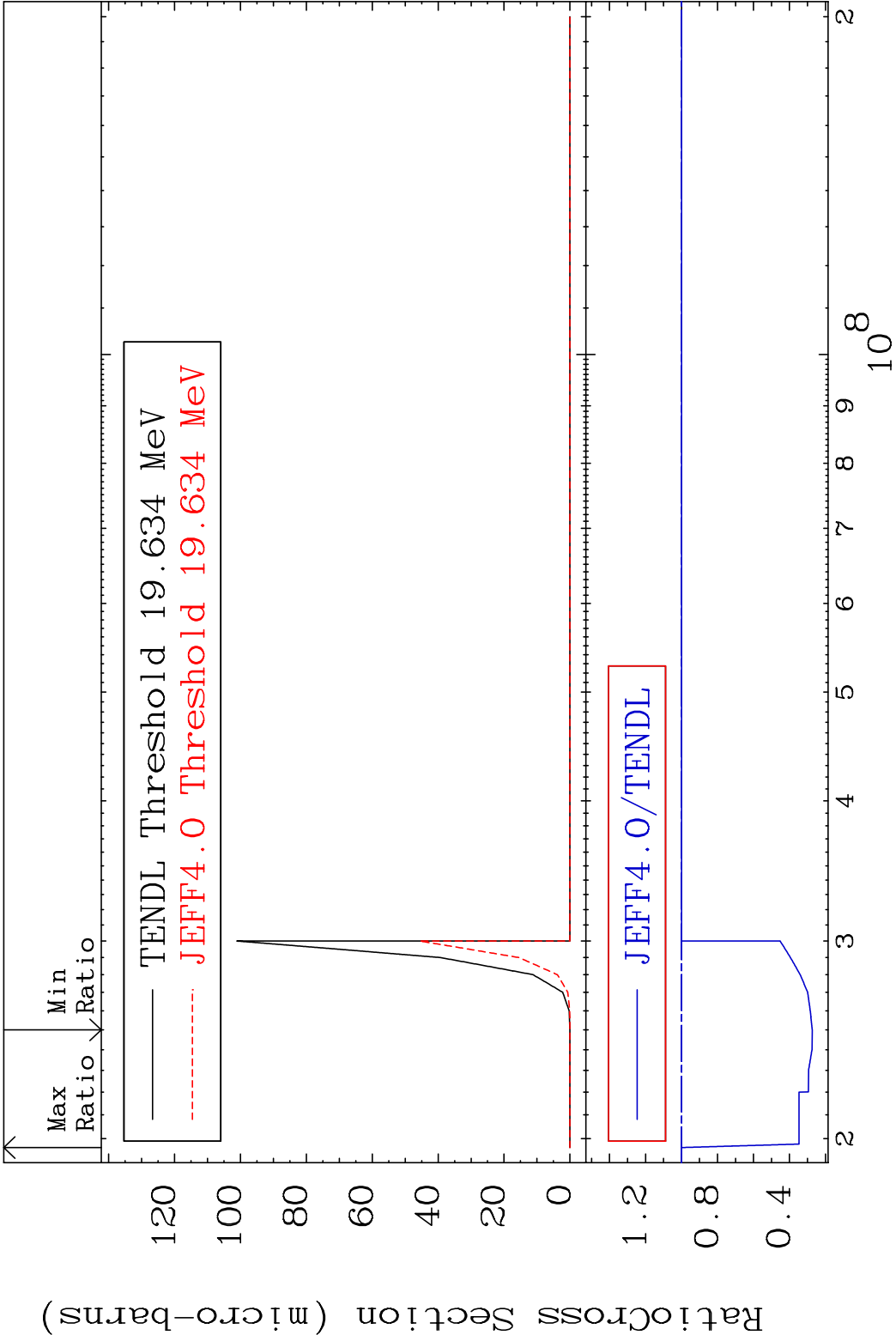
MAT 6840 Dpa disappearance (mt102 -120) 68-Er-167
Cross Section -36.79 To 114.4 %

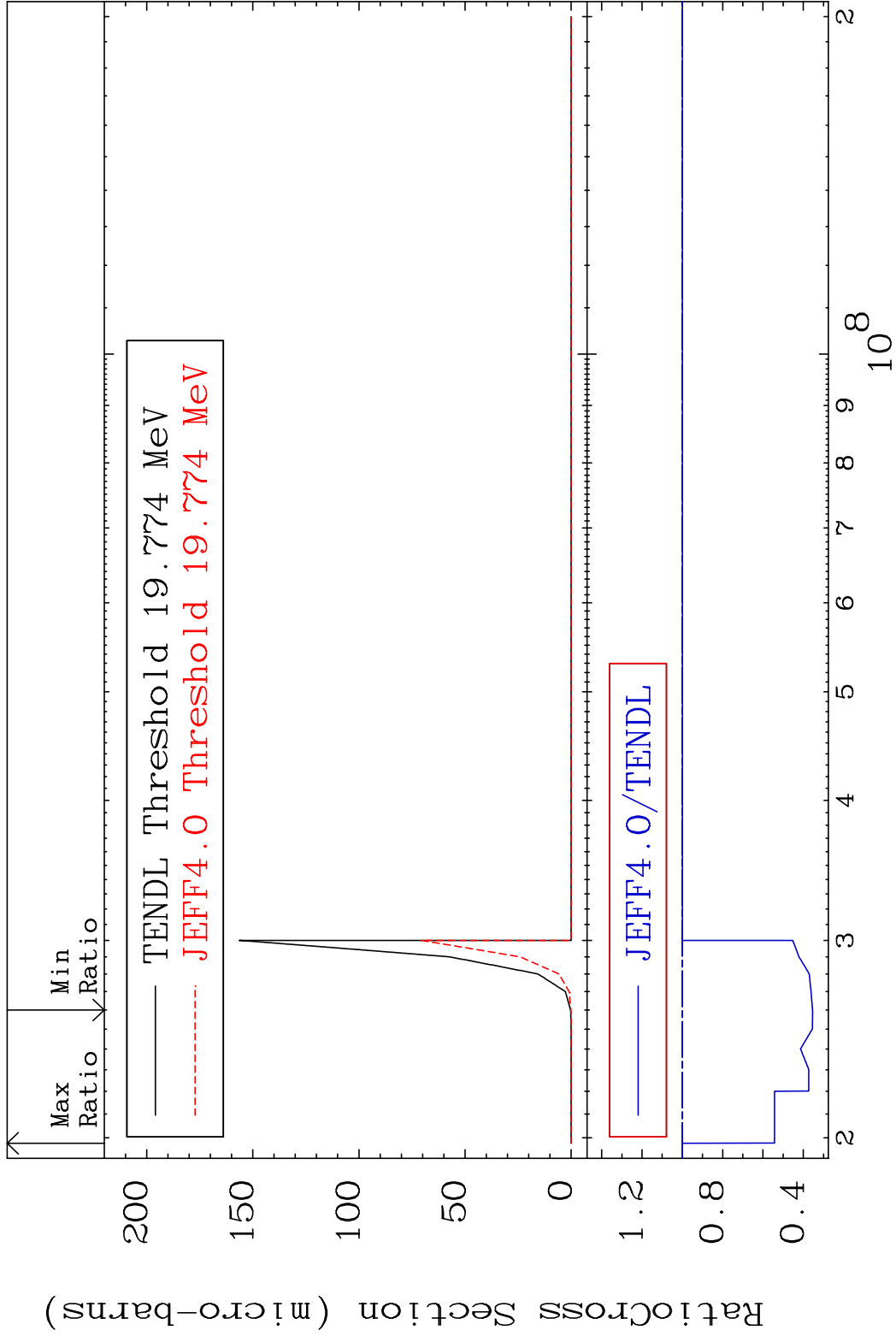


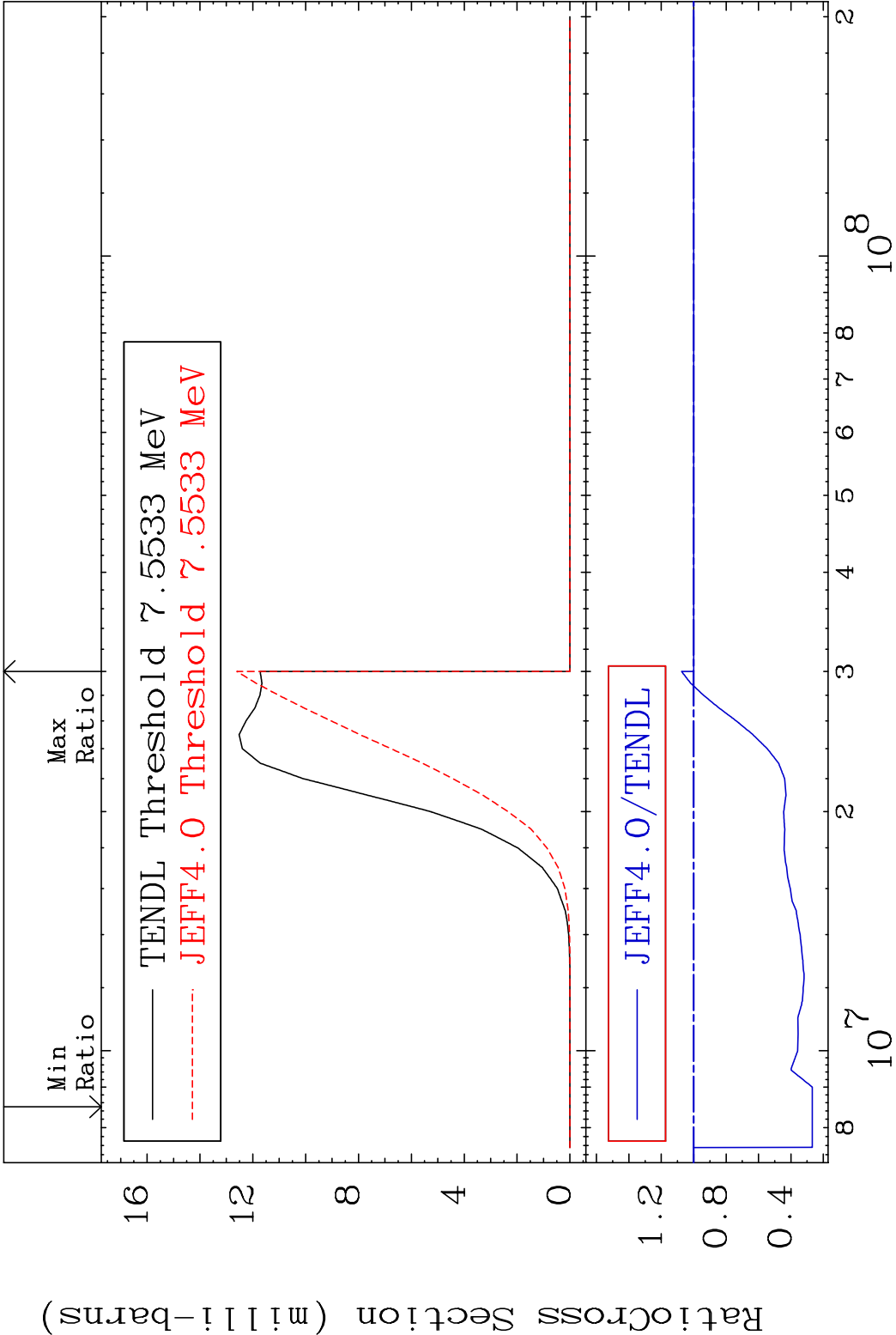
78 Incident Energy (eV) 68-Er-167

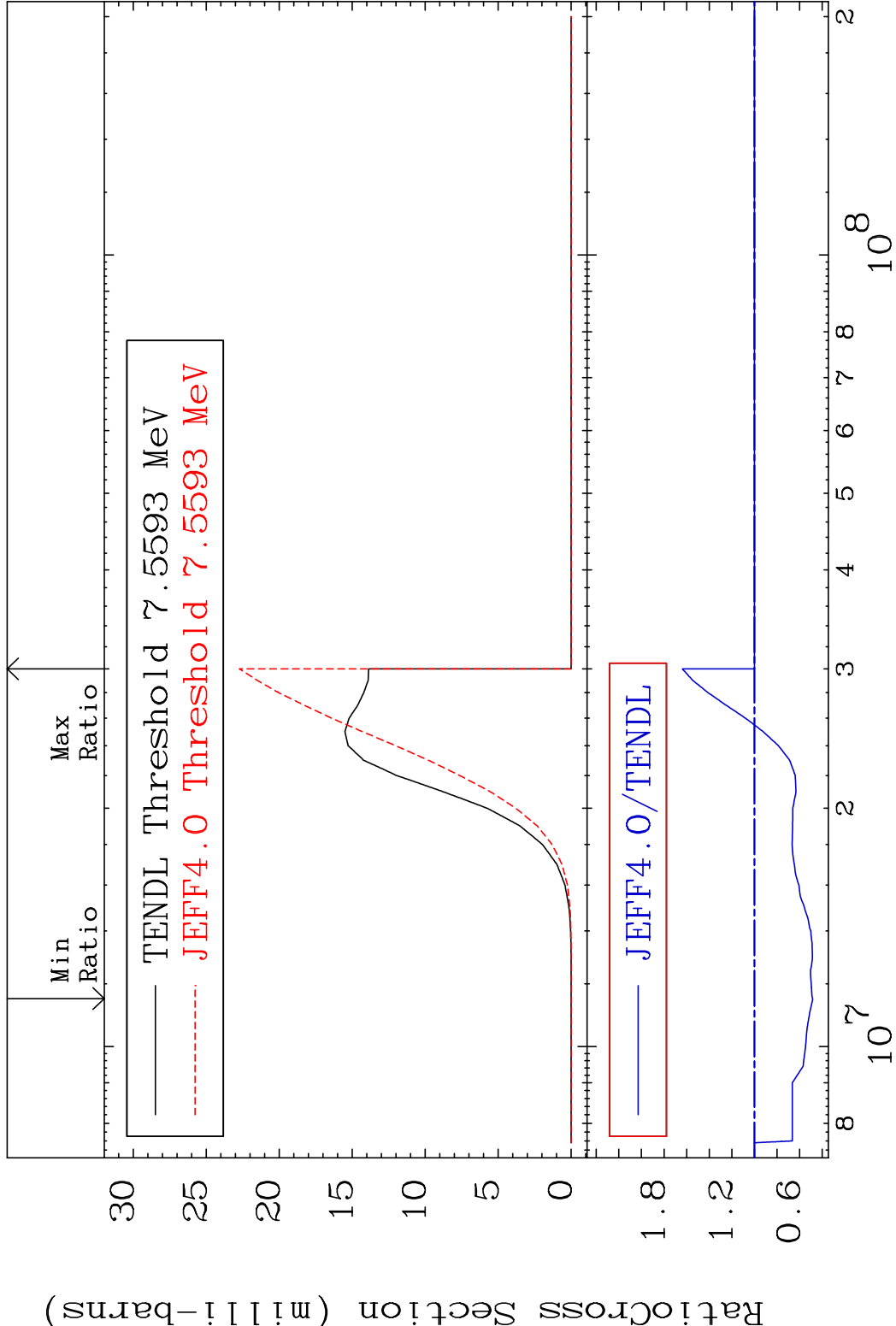


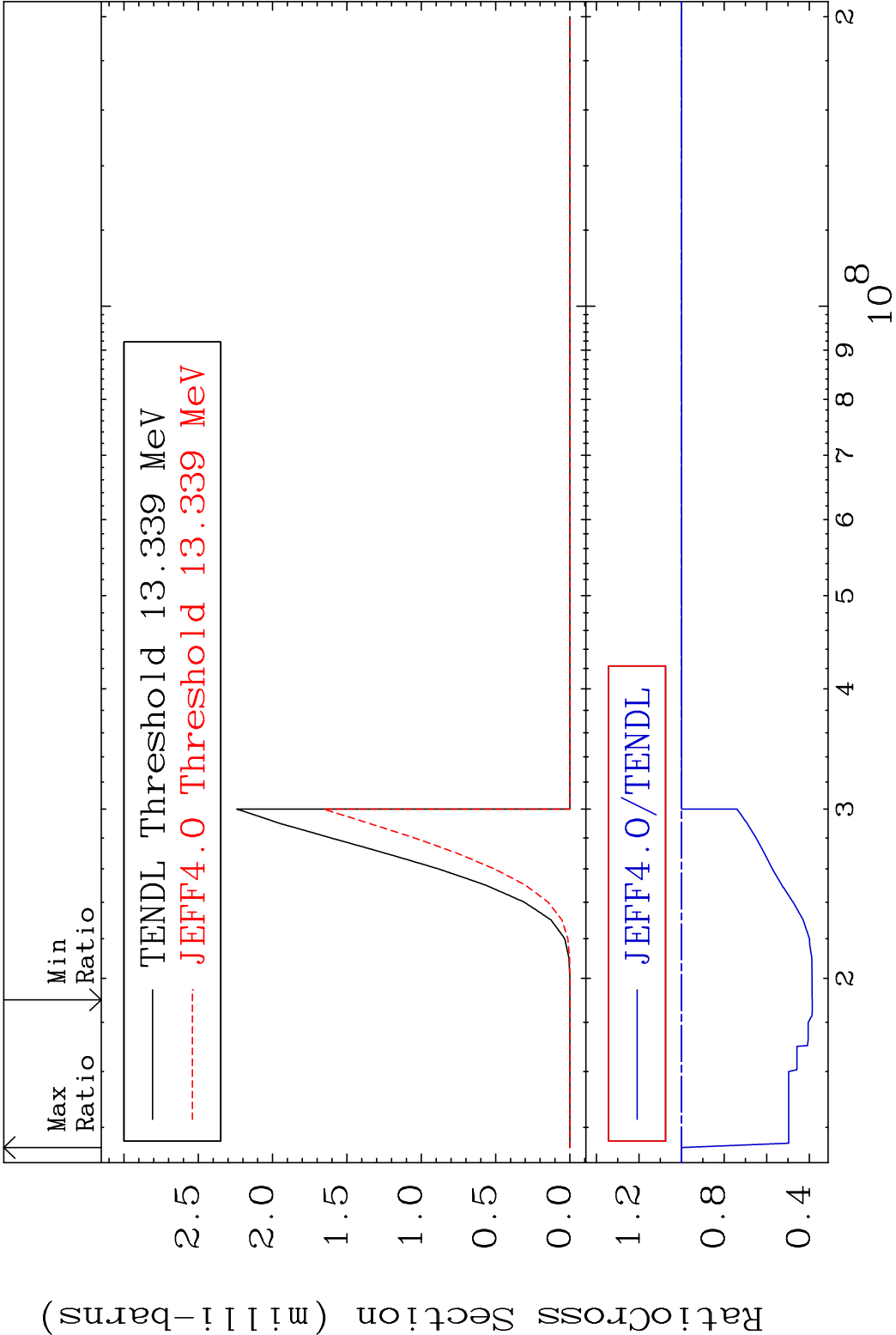


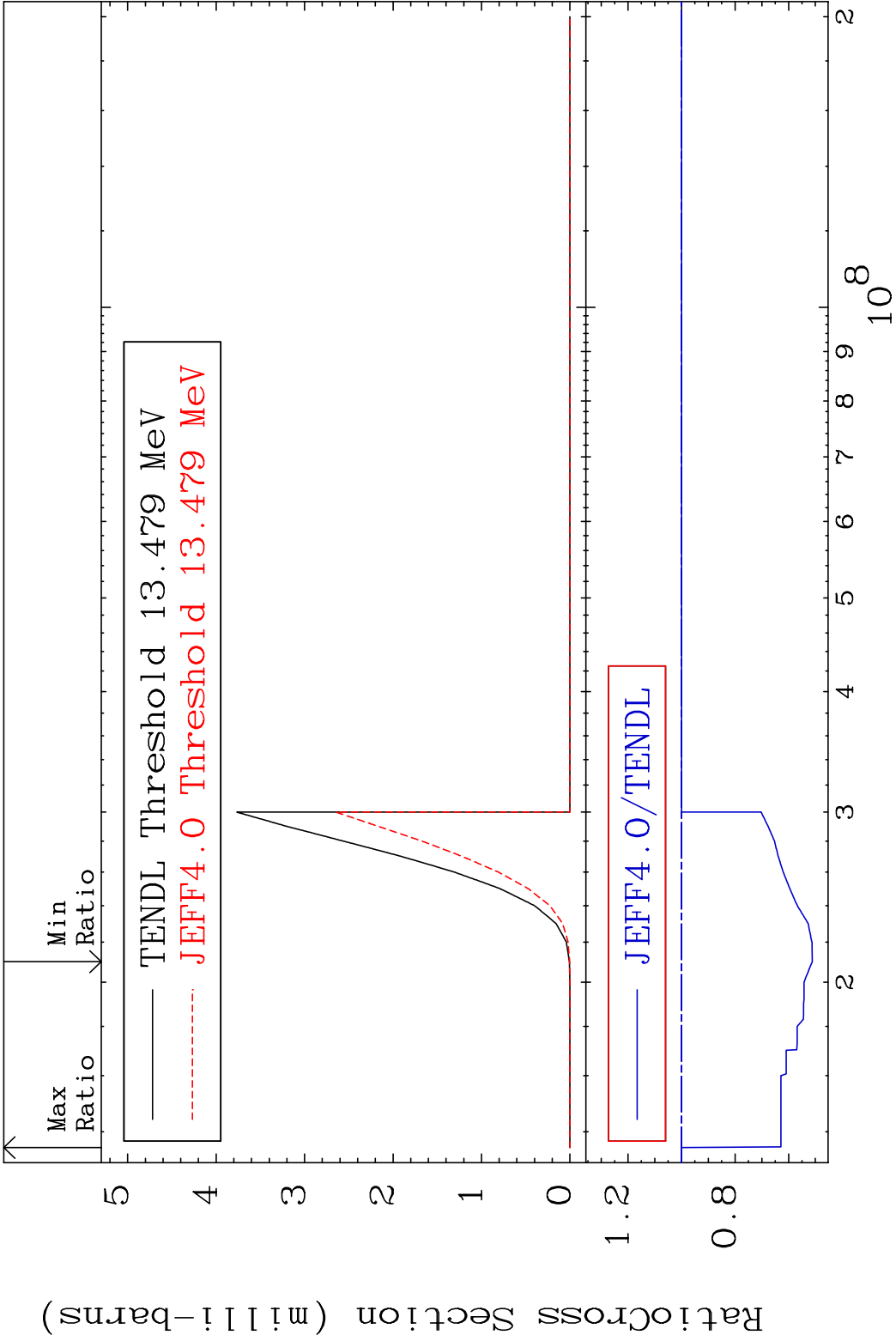


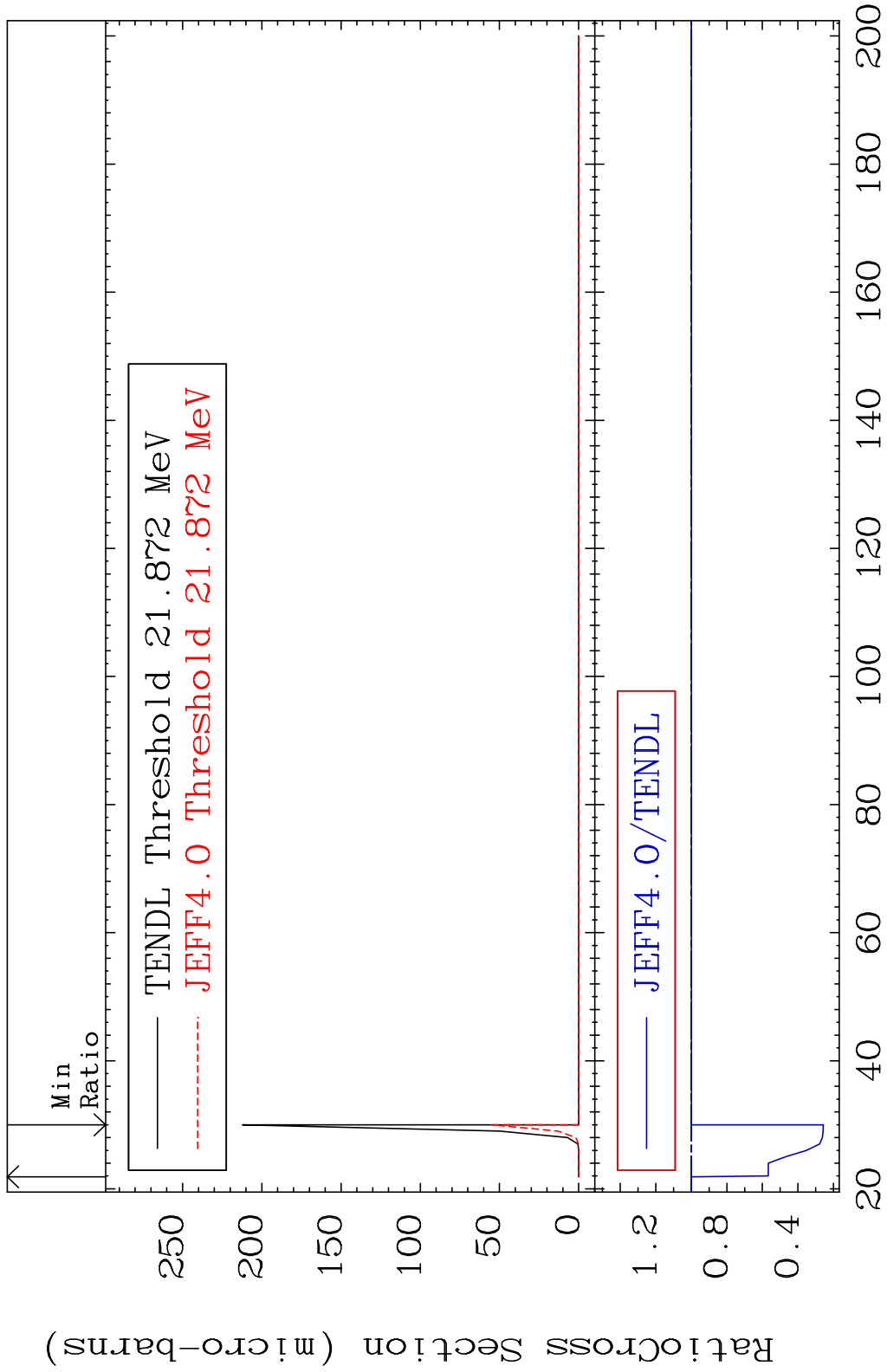


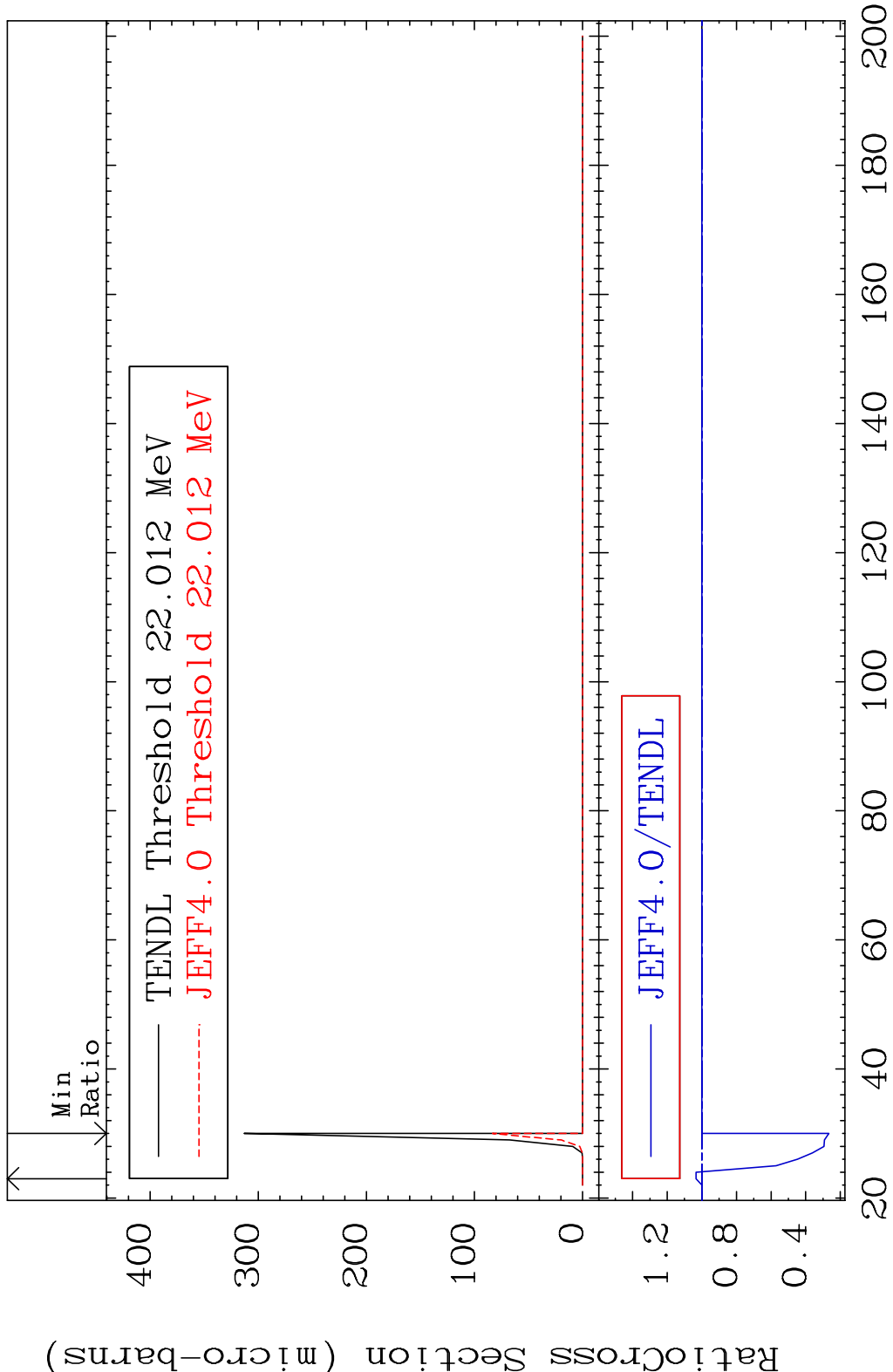


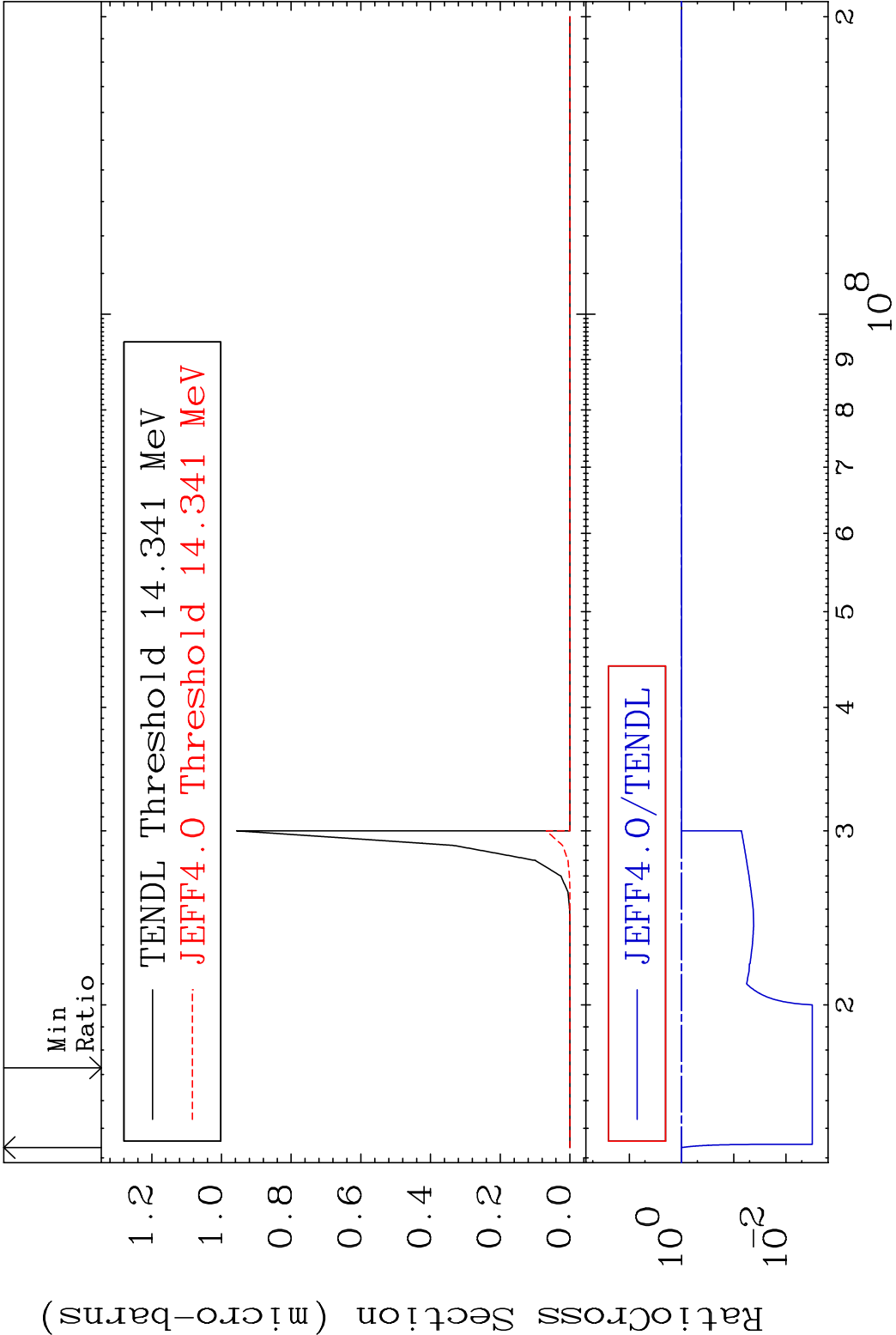


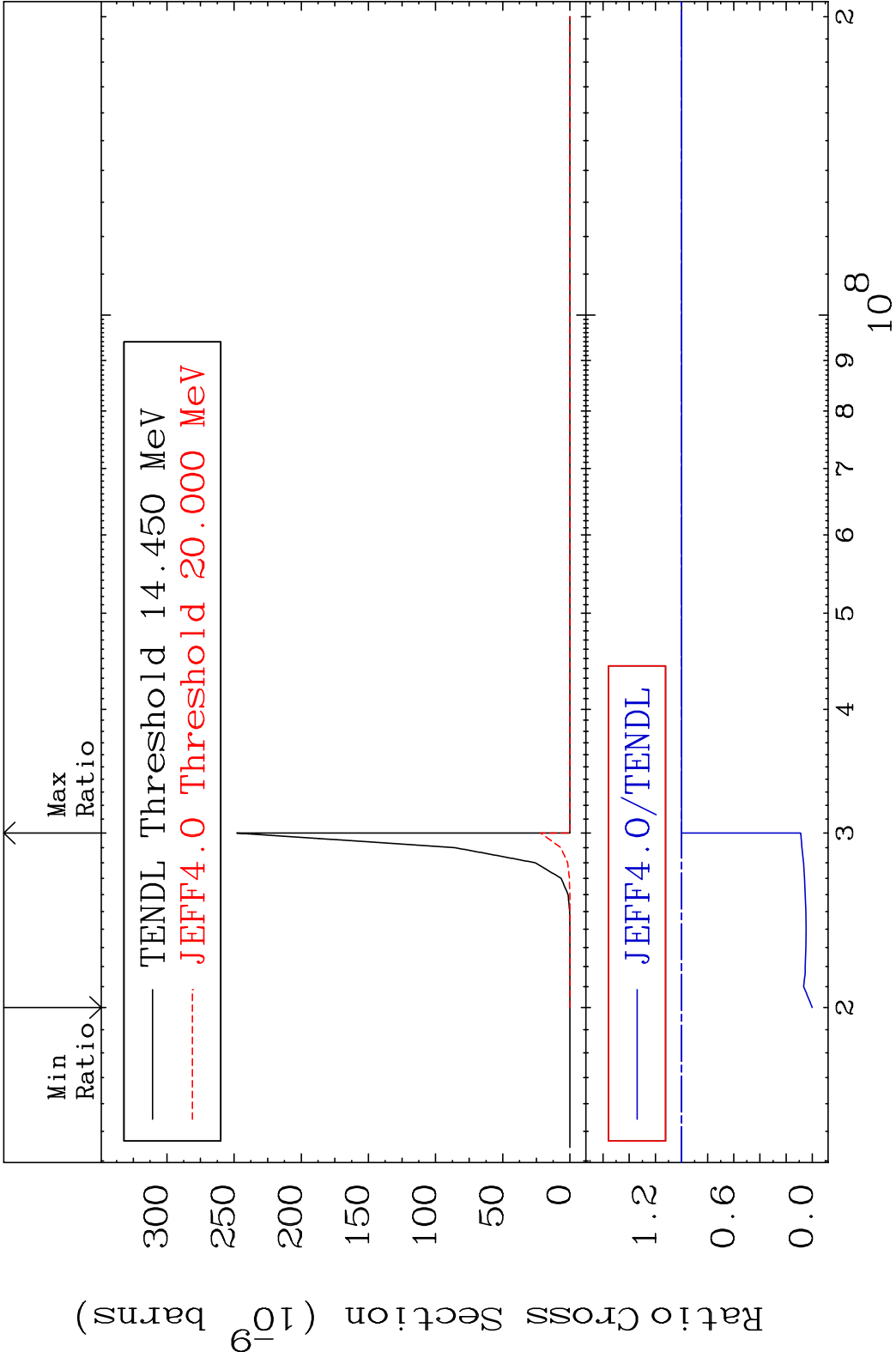


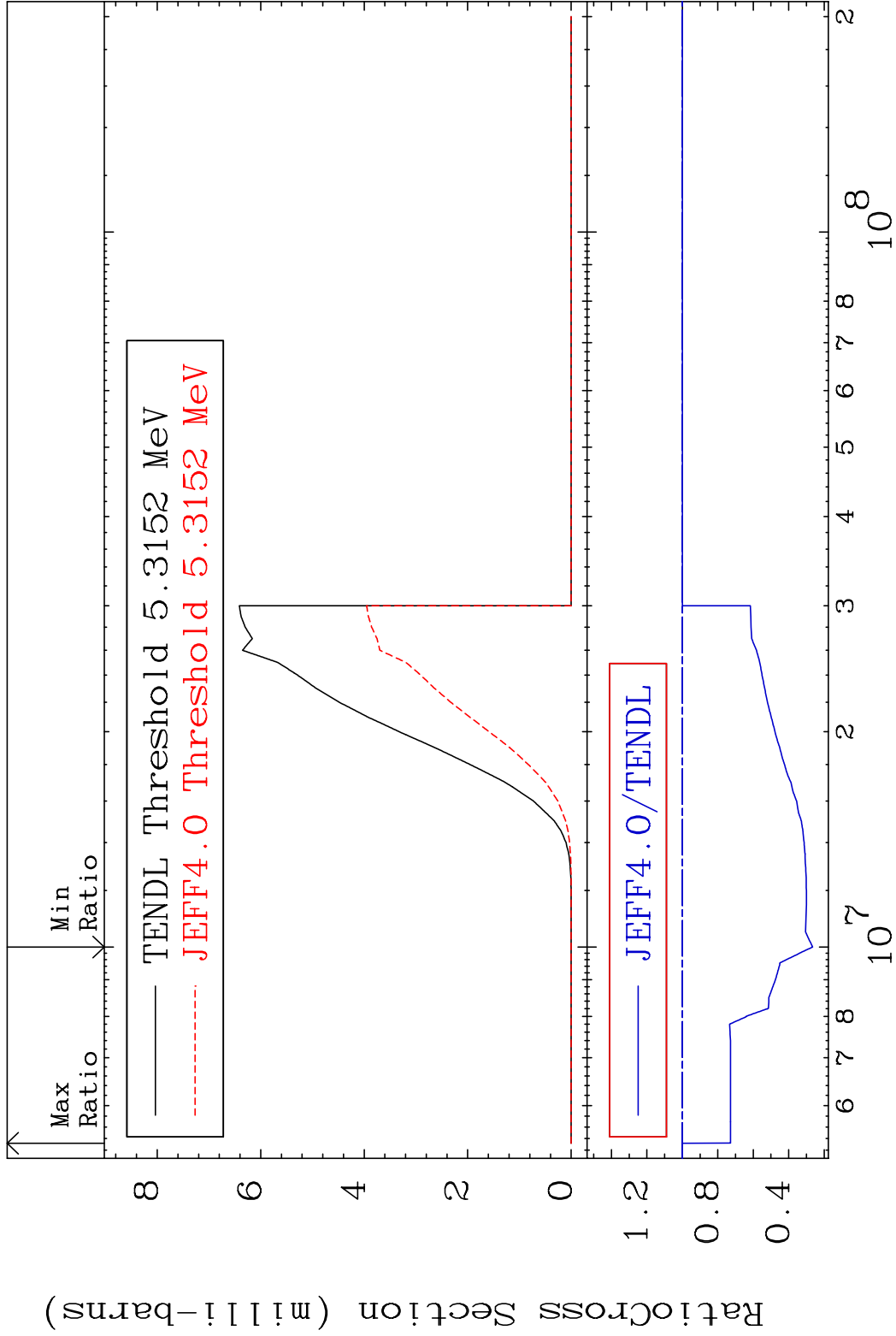


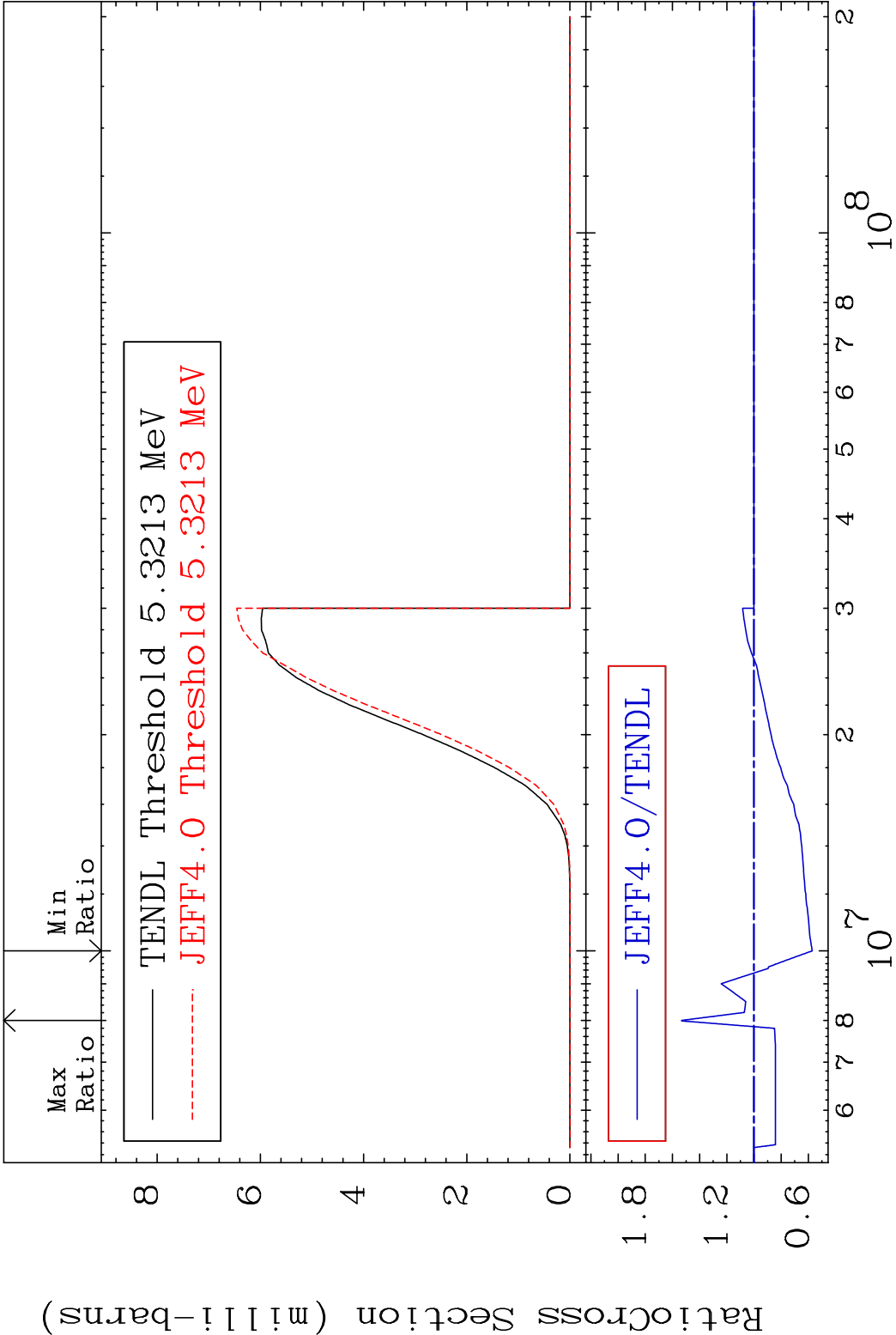


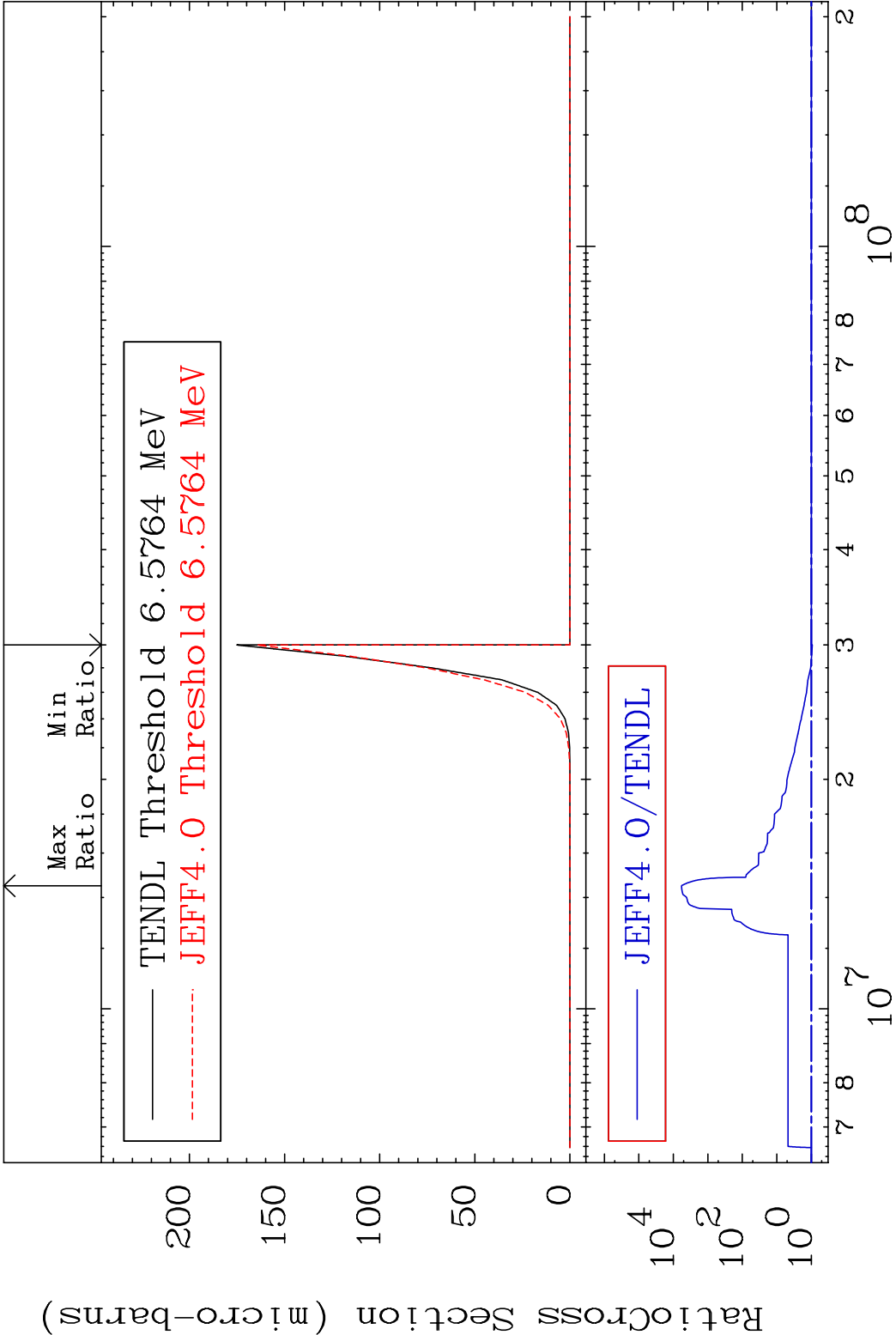












Radionuclide Production Cross Section

