

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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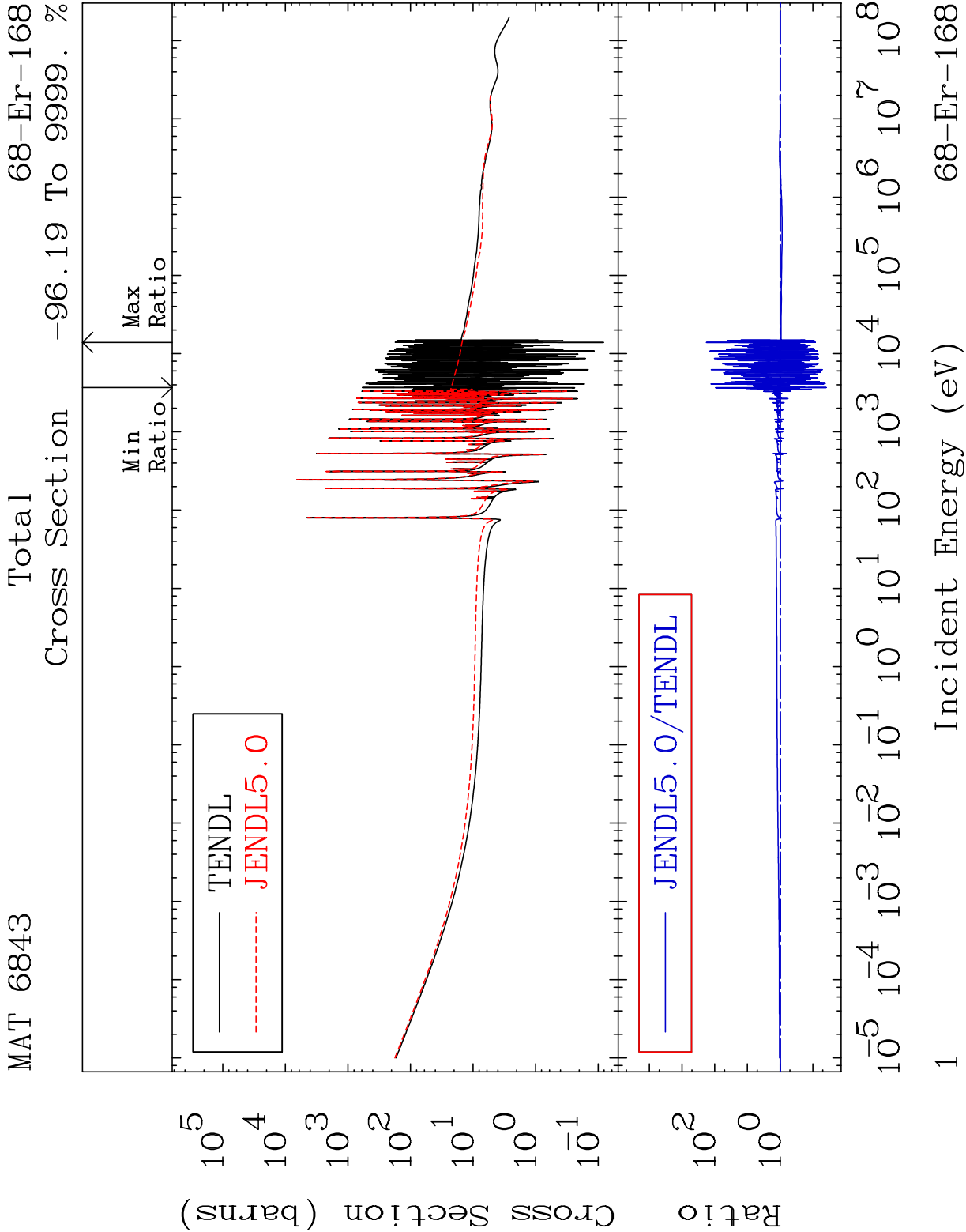
U.S.A.

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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

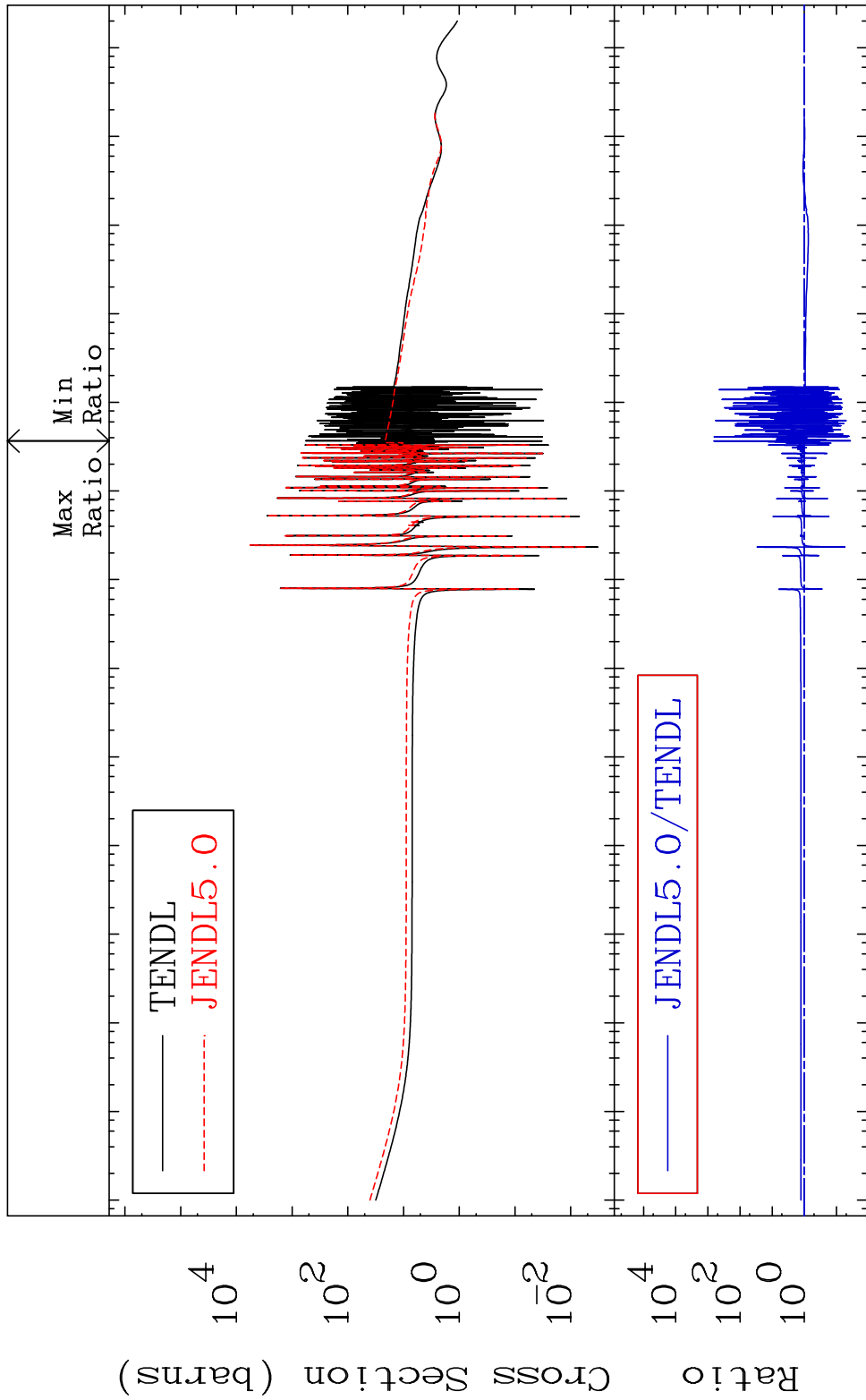


MAT 6843

Elastic

68-Er-168

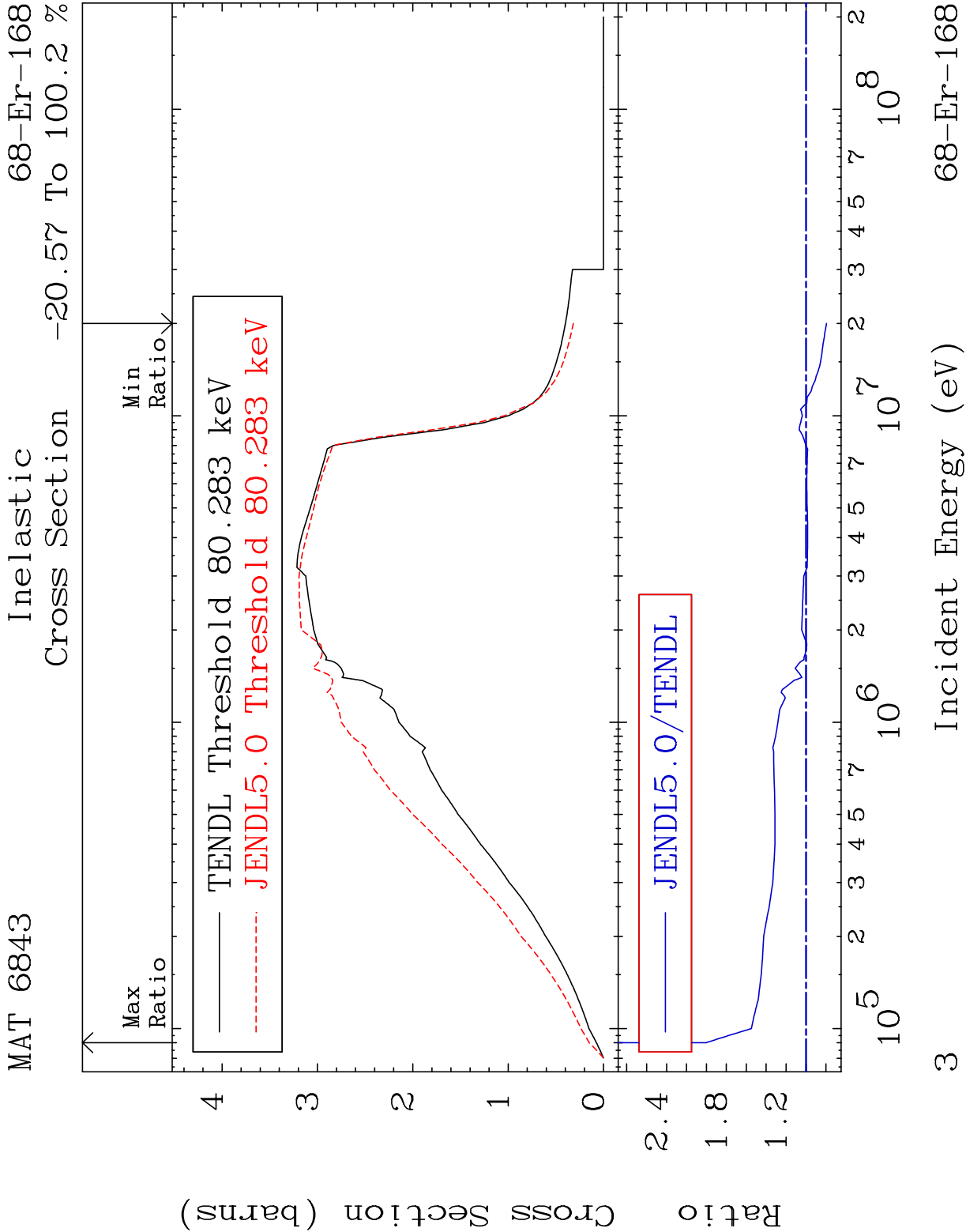
Cross Section -96.27 To 9999. %

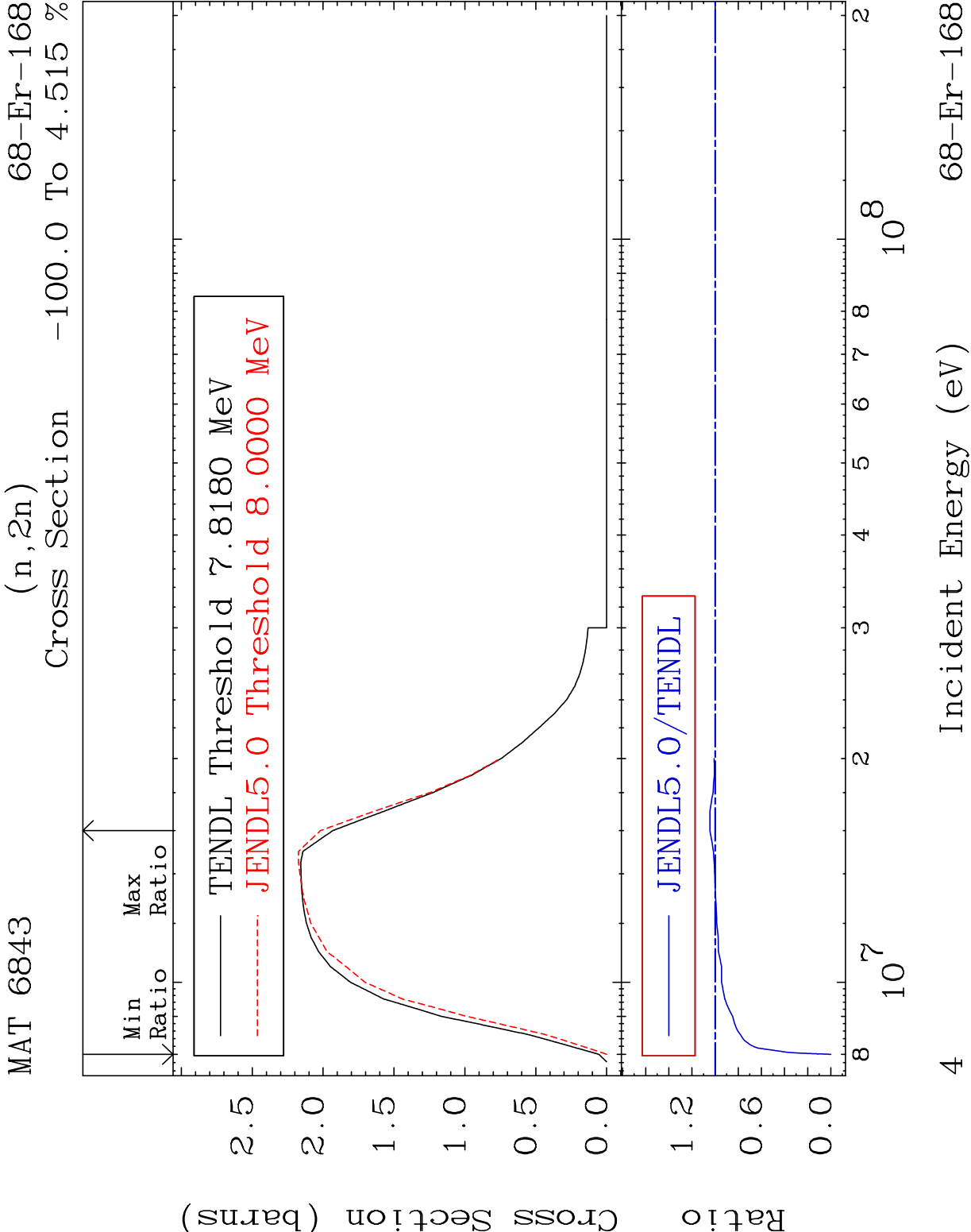


2

Incident Energy (eV)

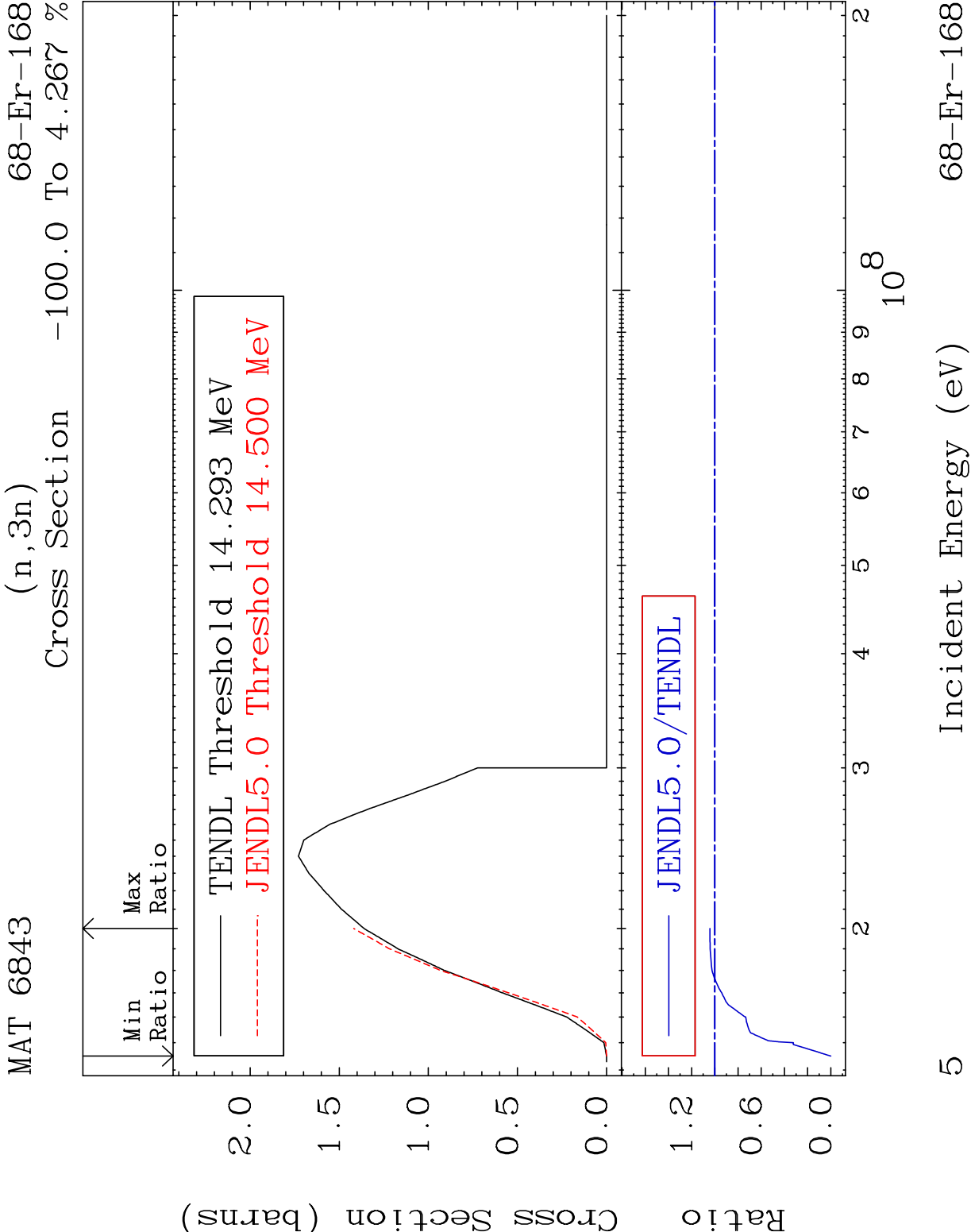
68-Er-168

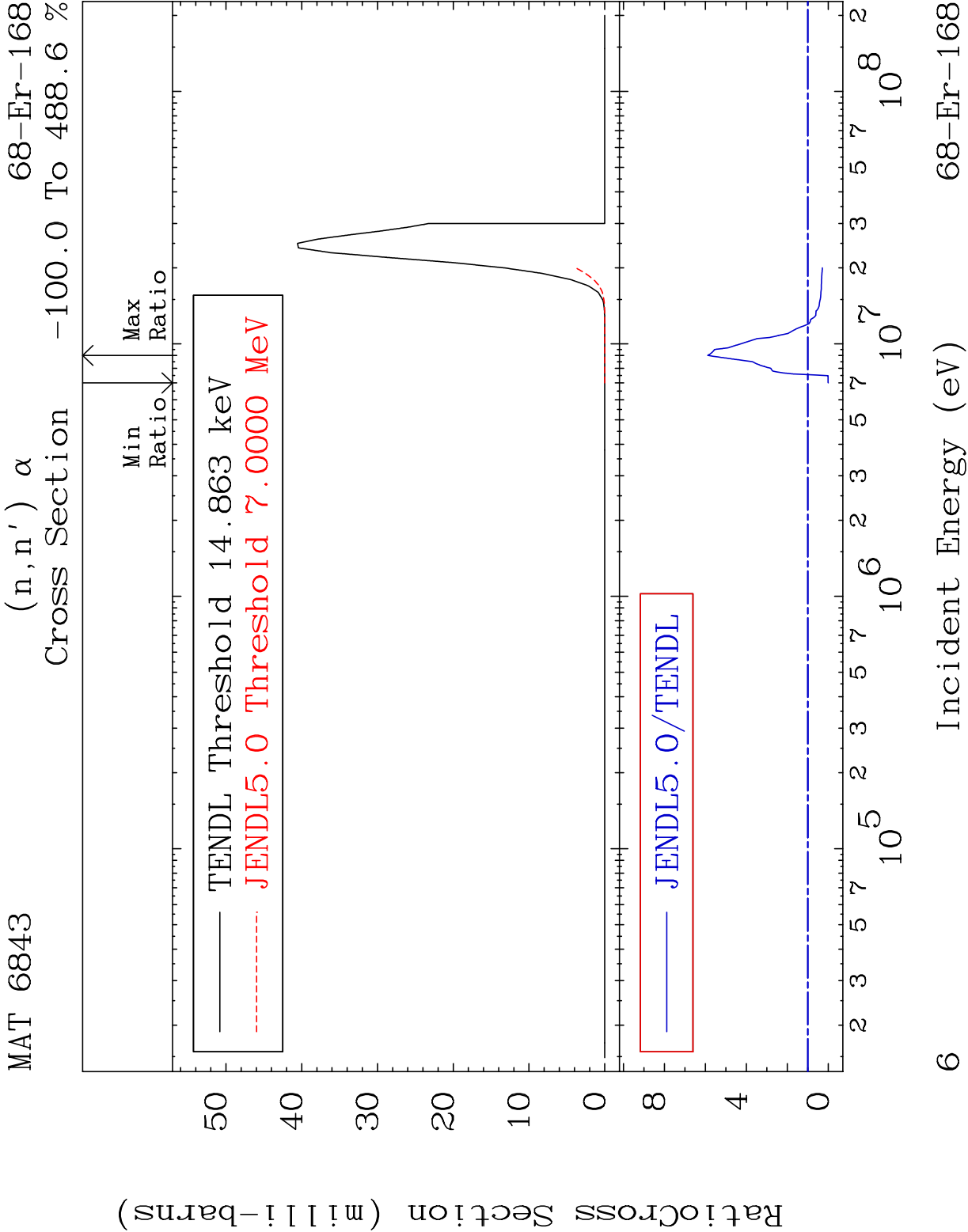


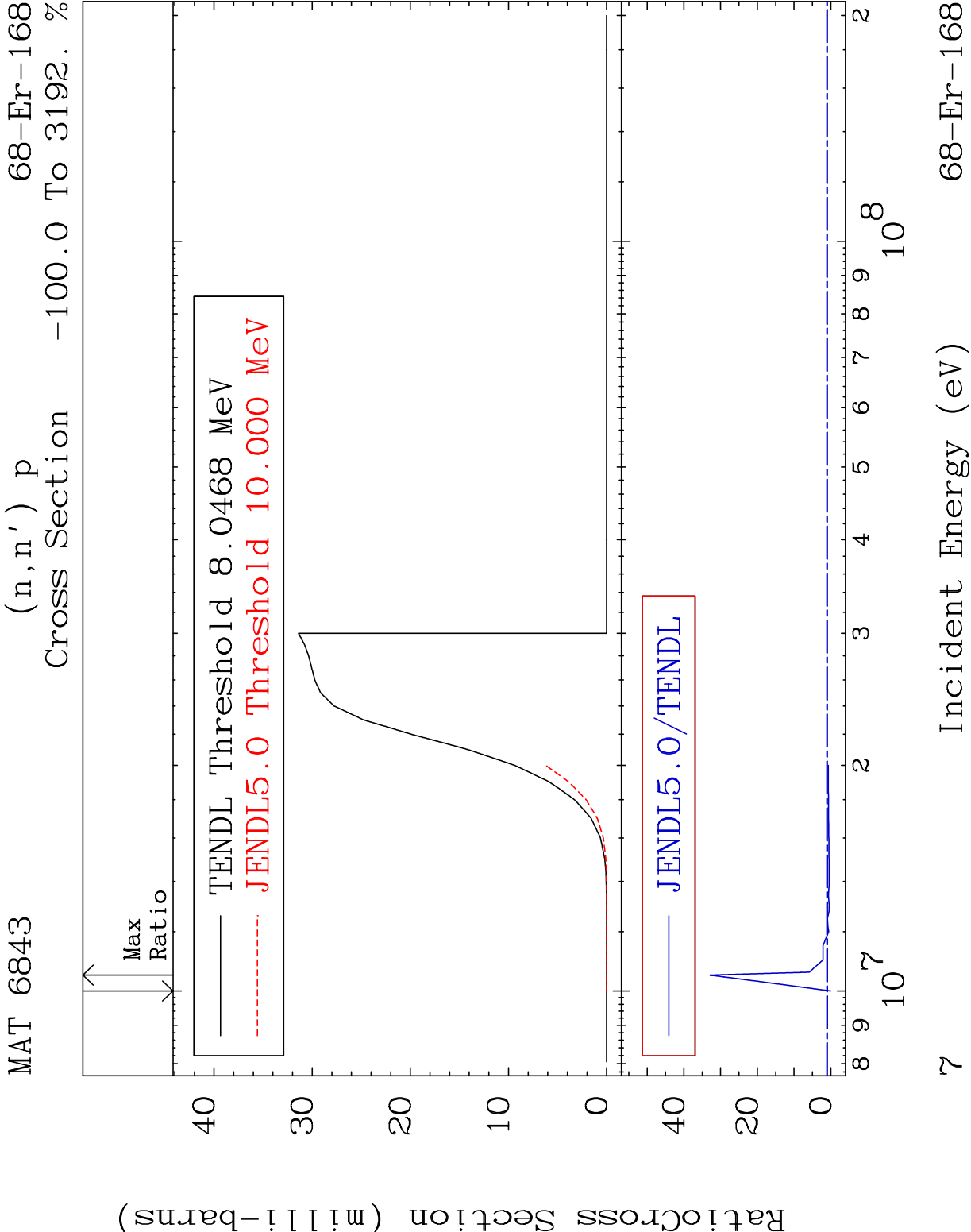


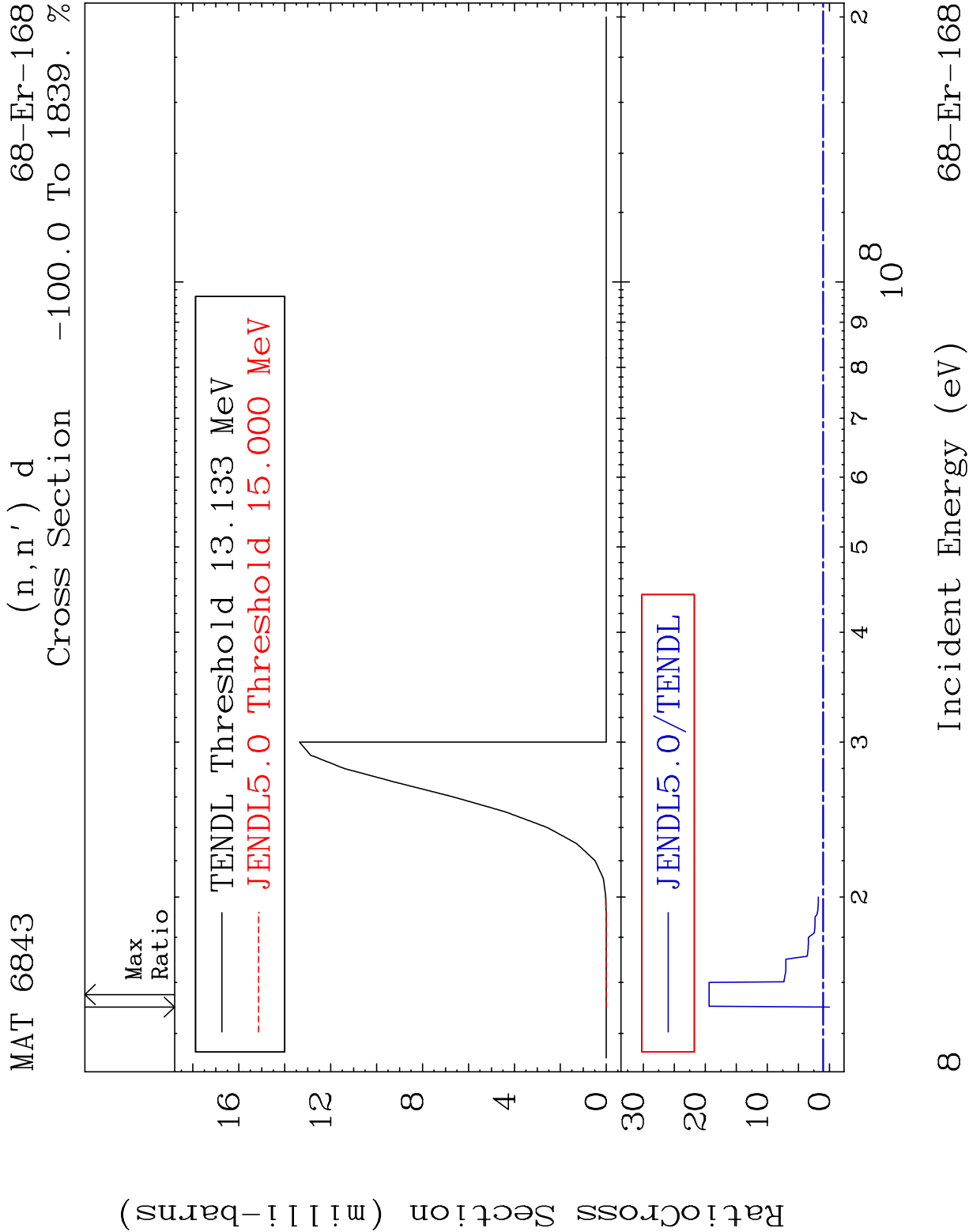
Cross Section (barns)

Ratio

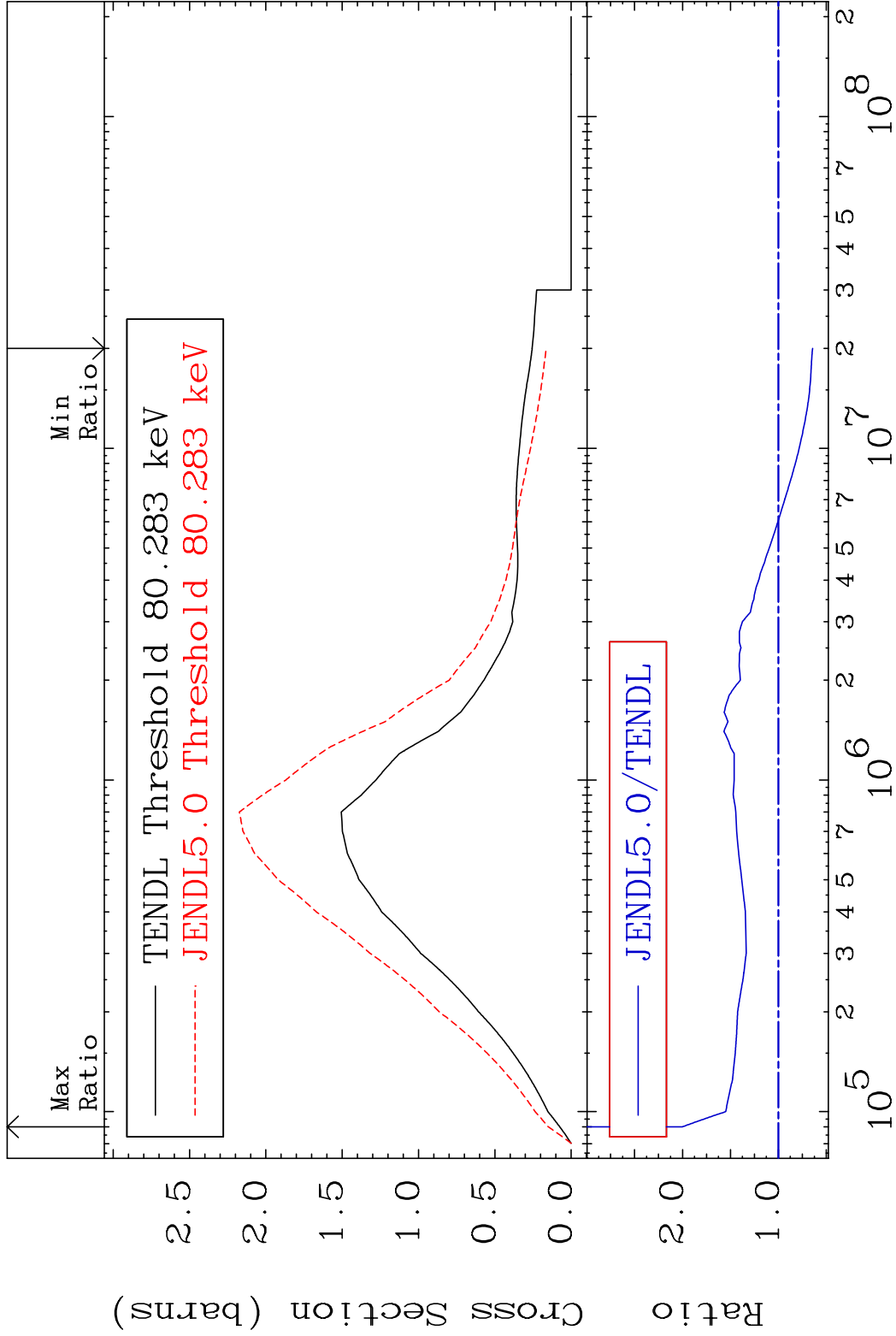


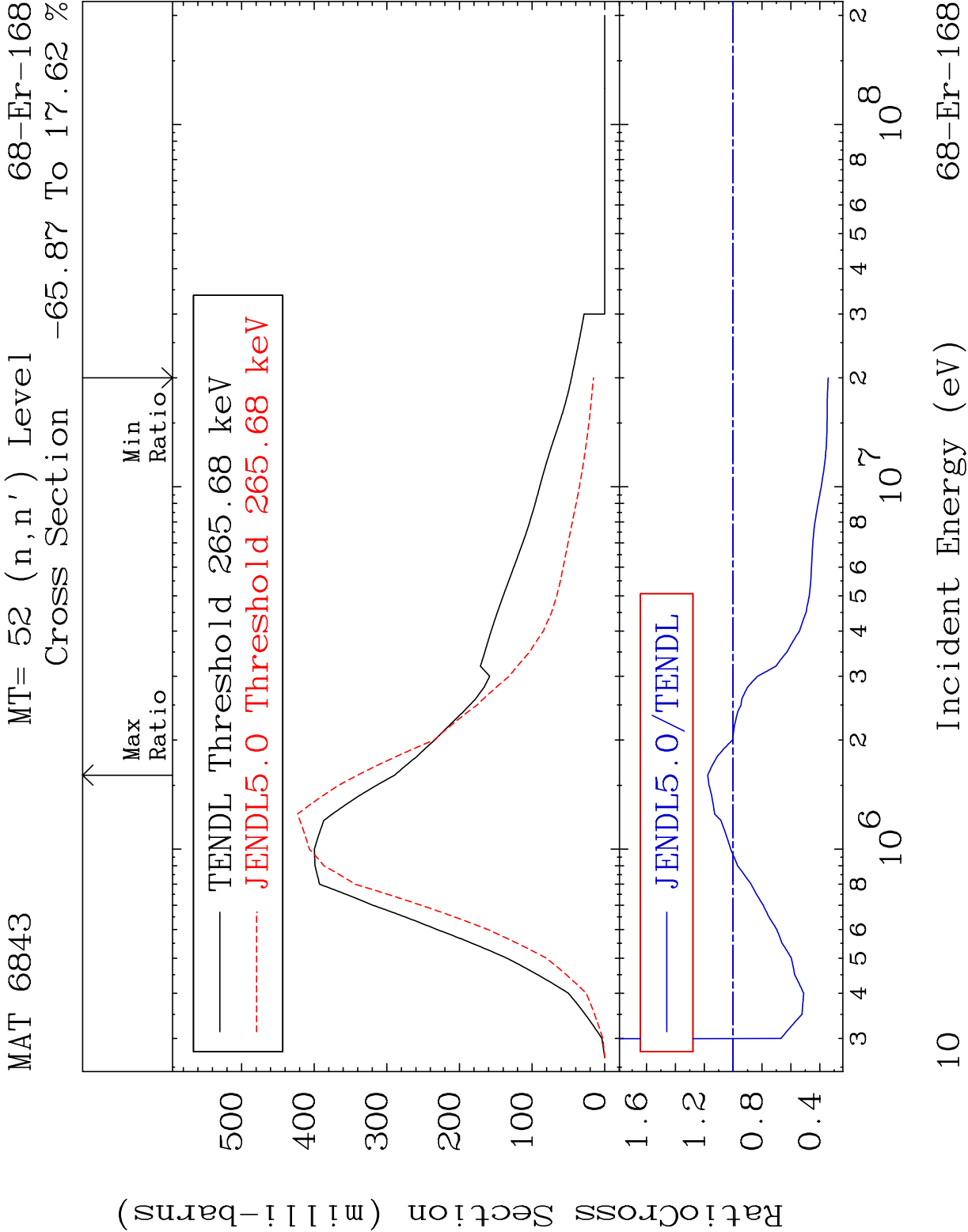


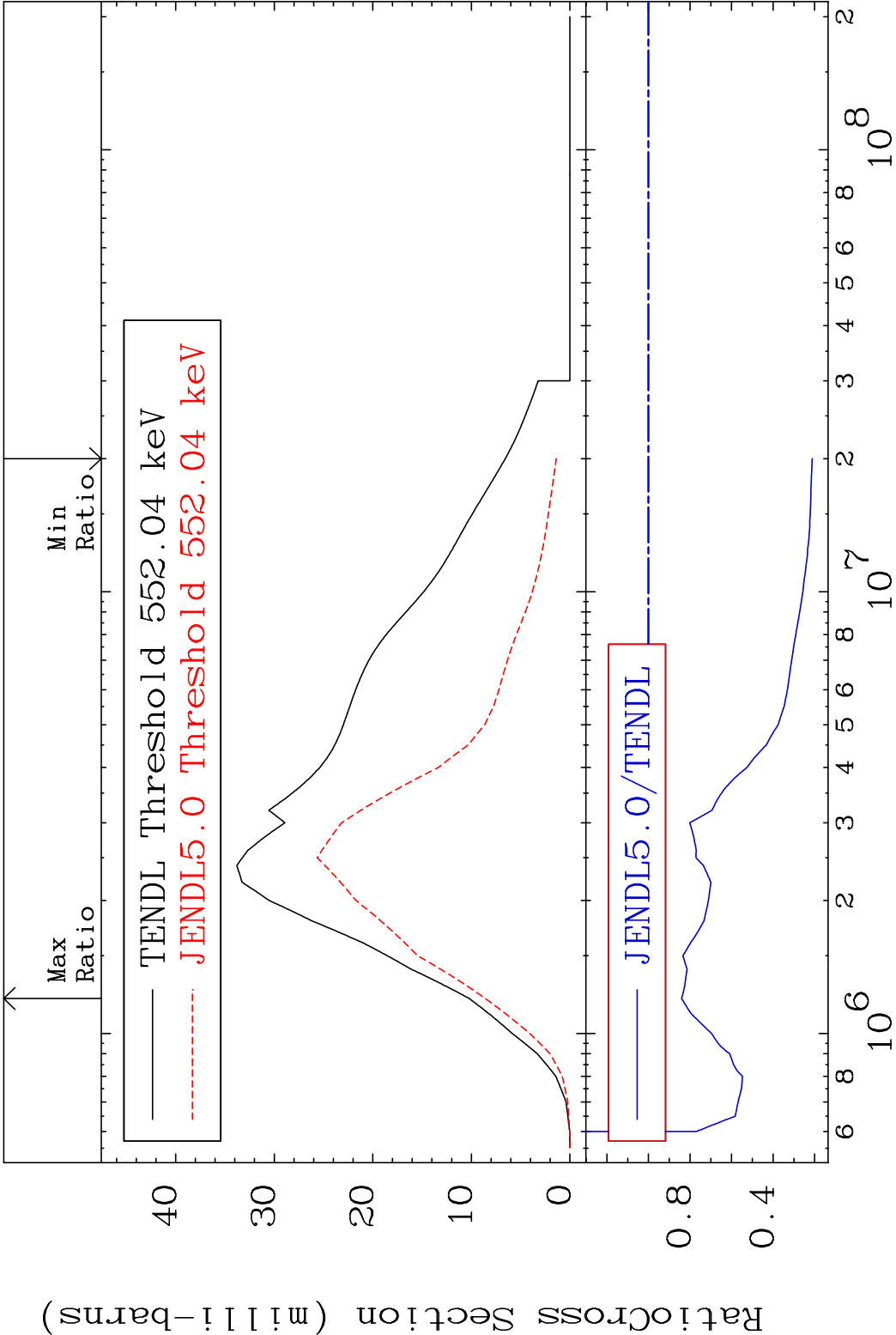


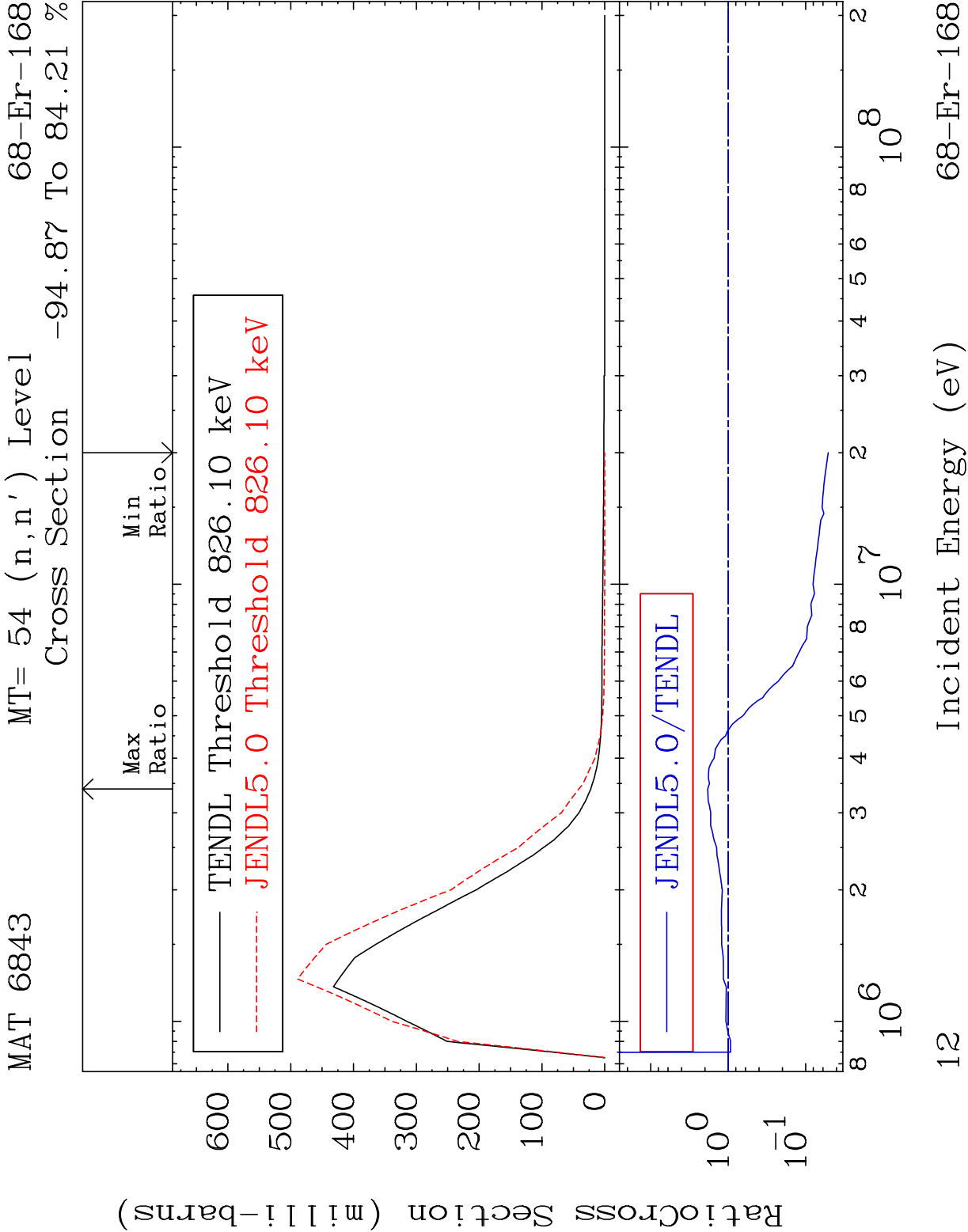


MAT 6843	MT= 51 (n,n')	Level	68-Er-168
	Cross Section	-35.65 To 100.2 %	

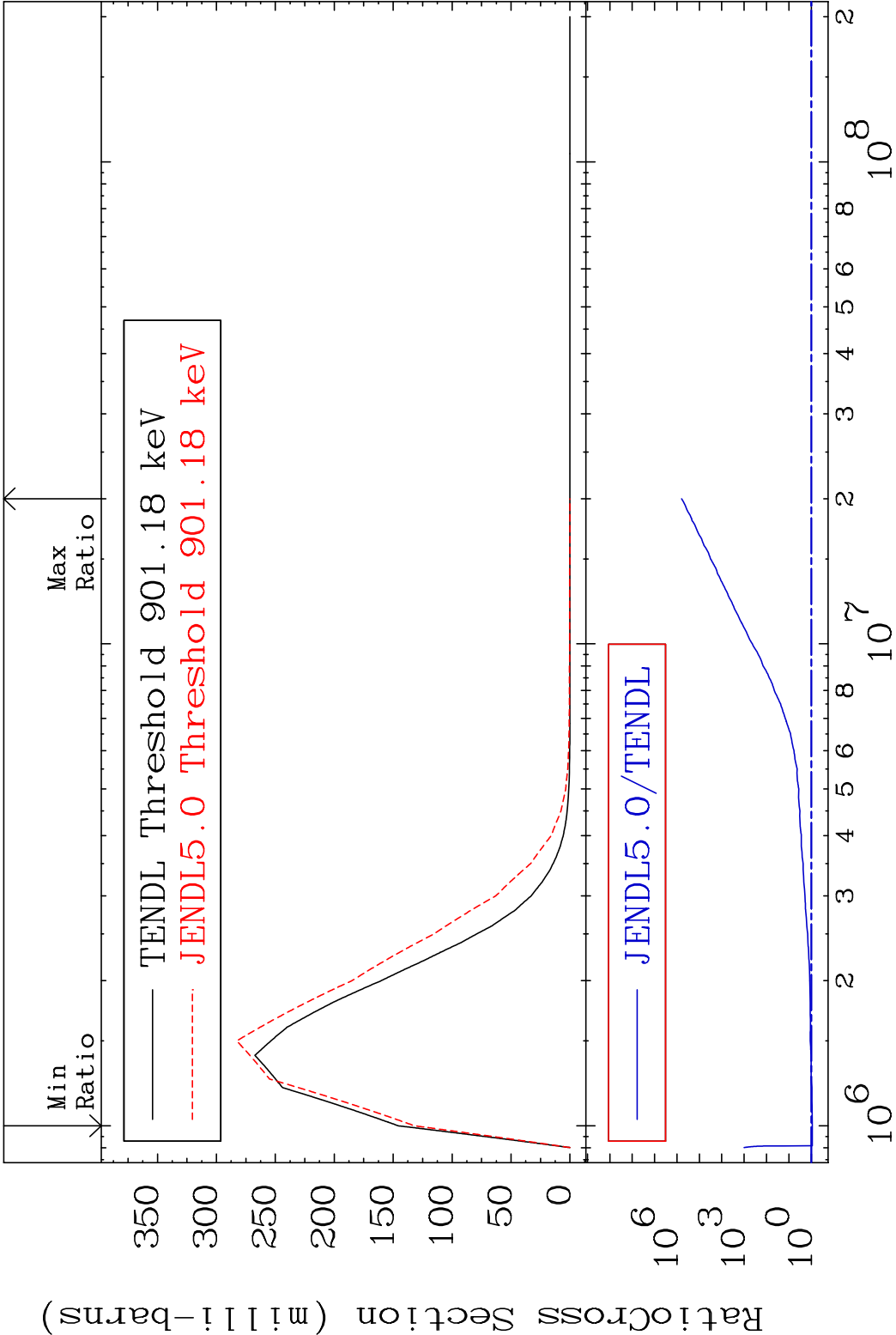






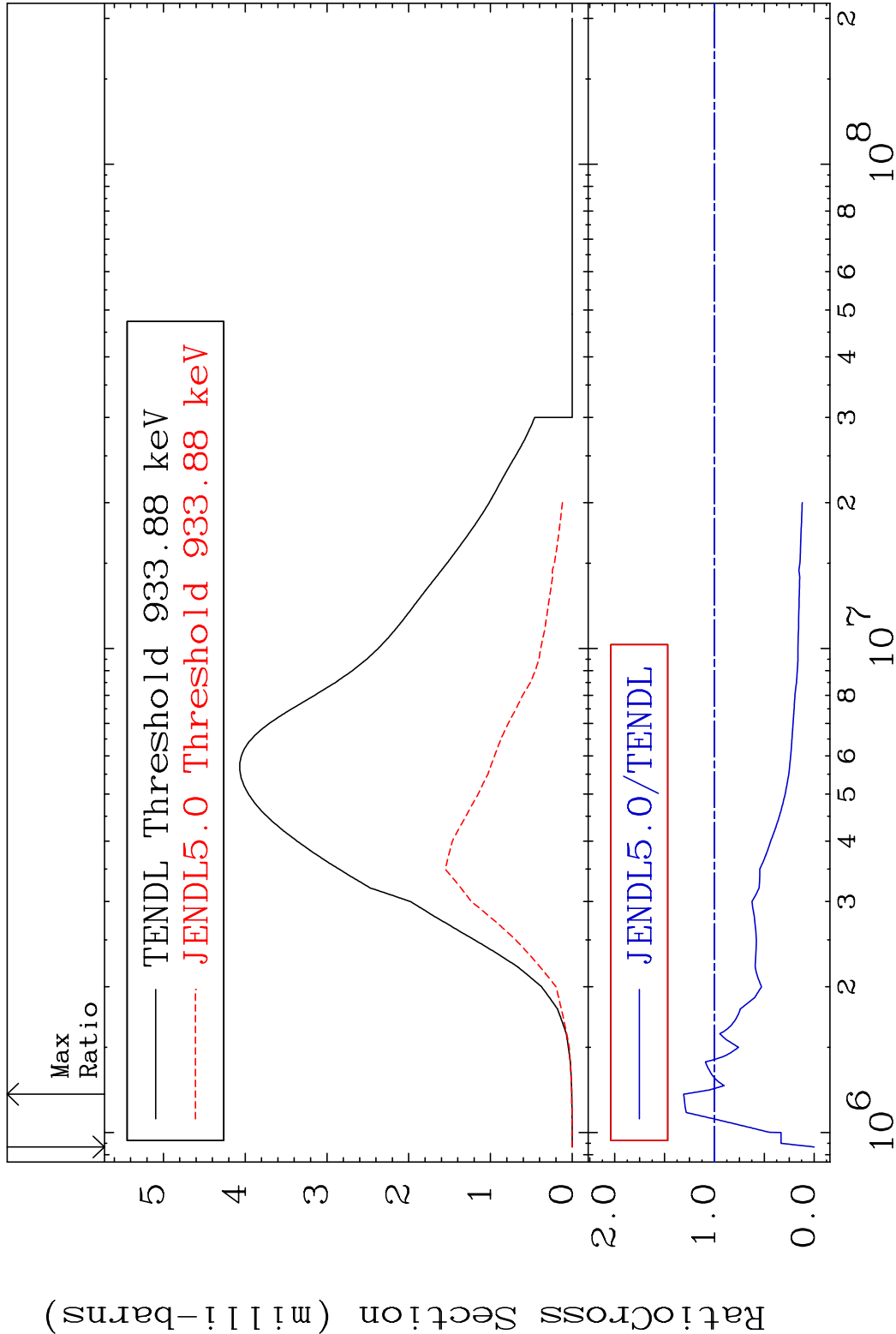


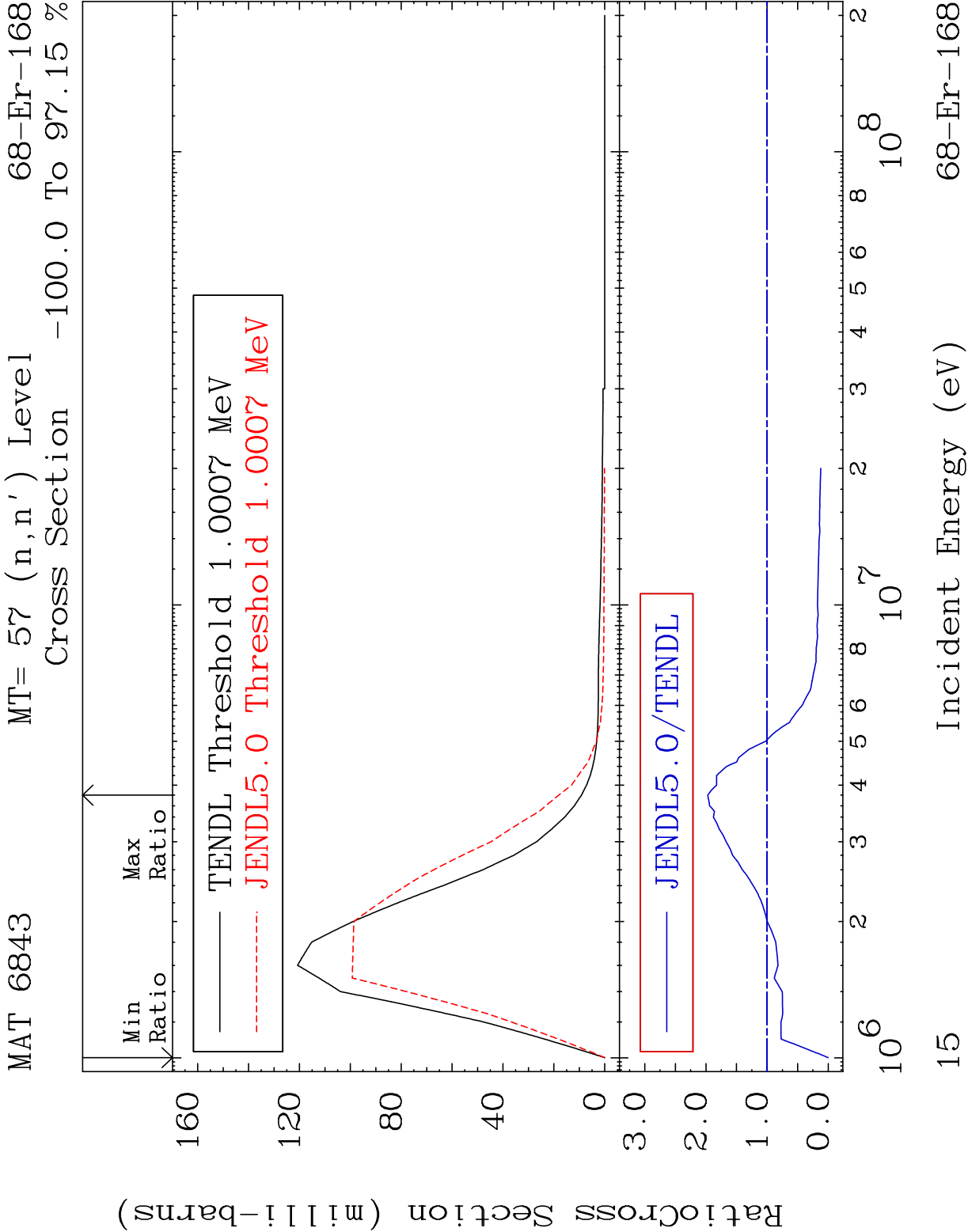
MAT 6843 MT= 55 (n,n') Level 68-Er-168
Cross Section -9.406 To 9999. %



13 Incident Energy (eV) 68-Er-168

MAT 6843 MT= 56 (n,n') Level 68-Er-168
Cross Section -100.0 To 30.87 %



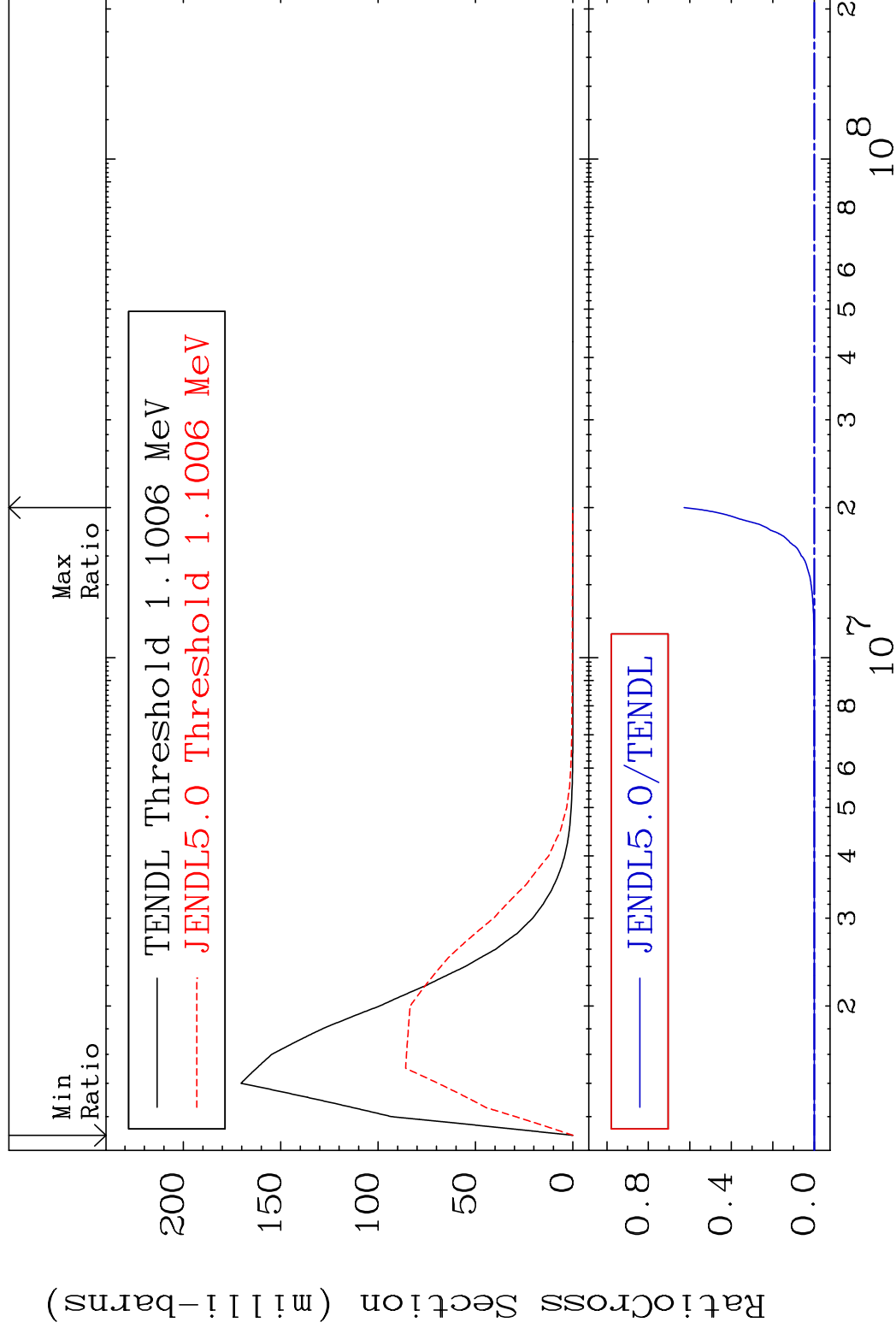


MAT 6843

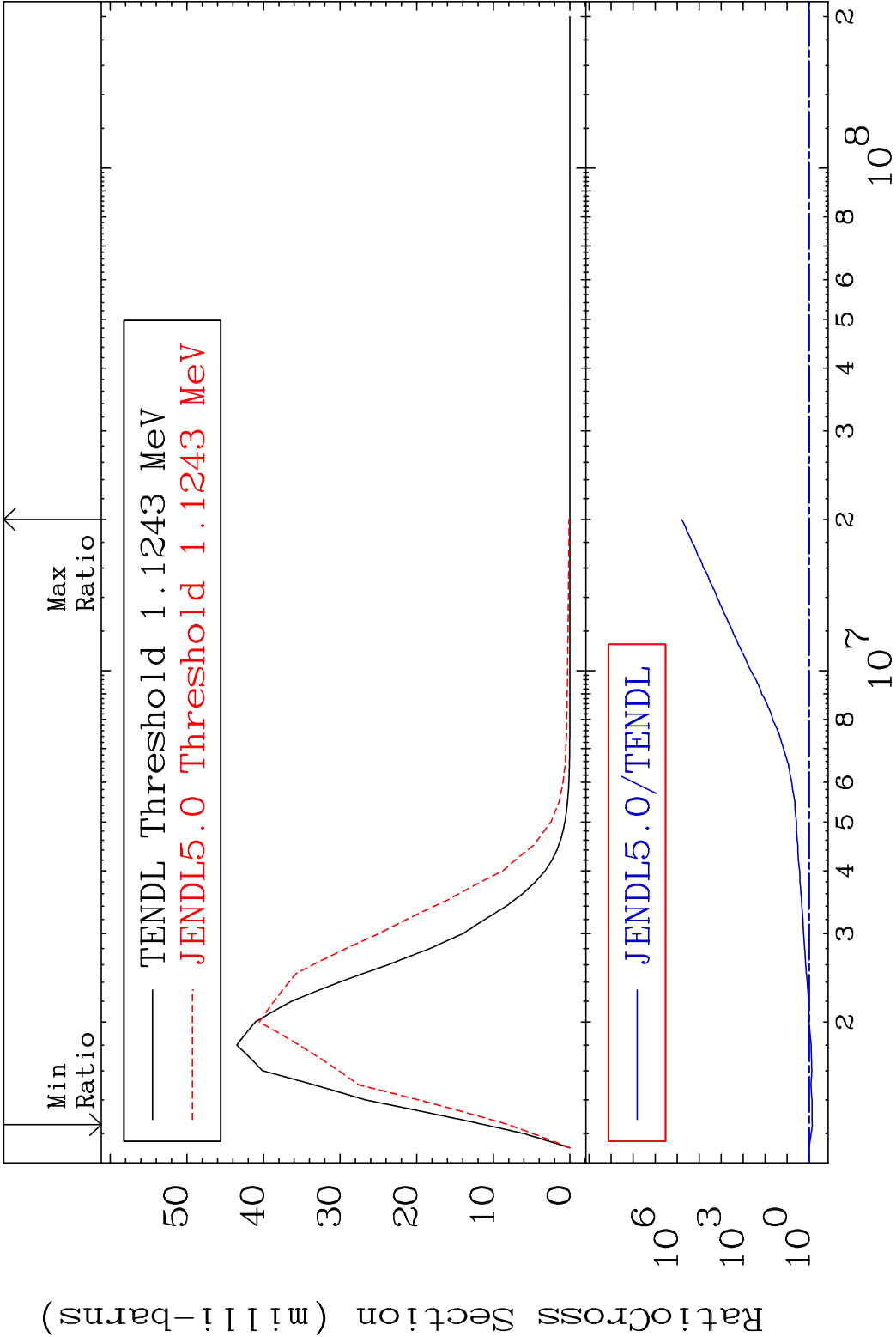
MT= 58 (n, n') Level

68-Er-168

Cross Section -100.0 To 9999. %



MAT 6843 MT= 59 (n,n') Level 68-Er-168
Cross Section -28.23 To 9999. %



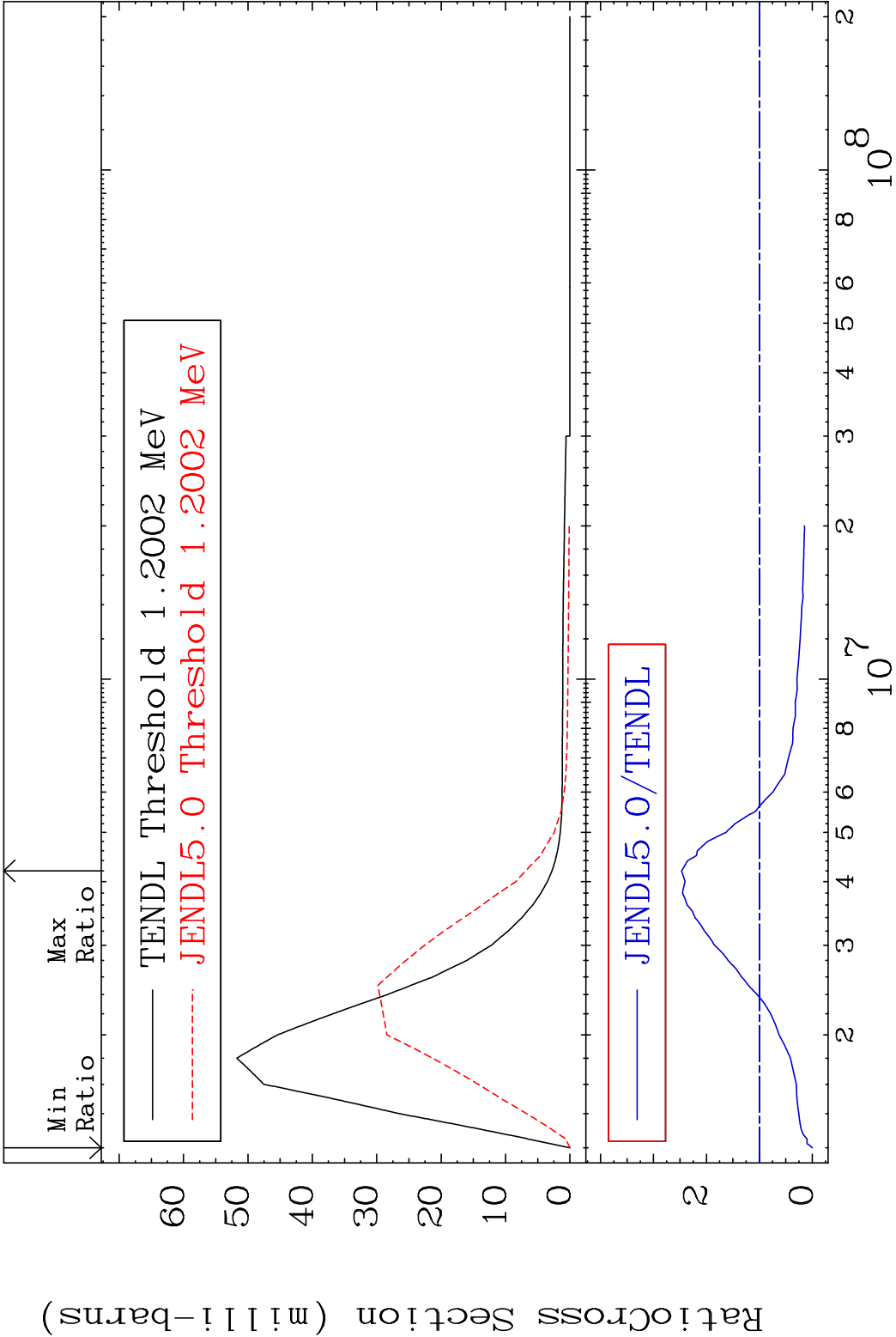
MAT 6843

MT= 60 (n,n') Level

68-Er-168

Cross Section

-100.0 To 147.0 %



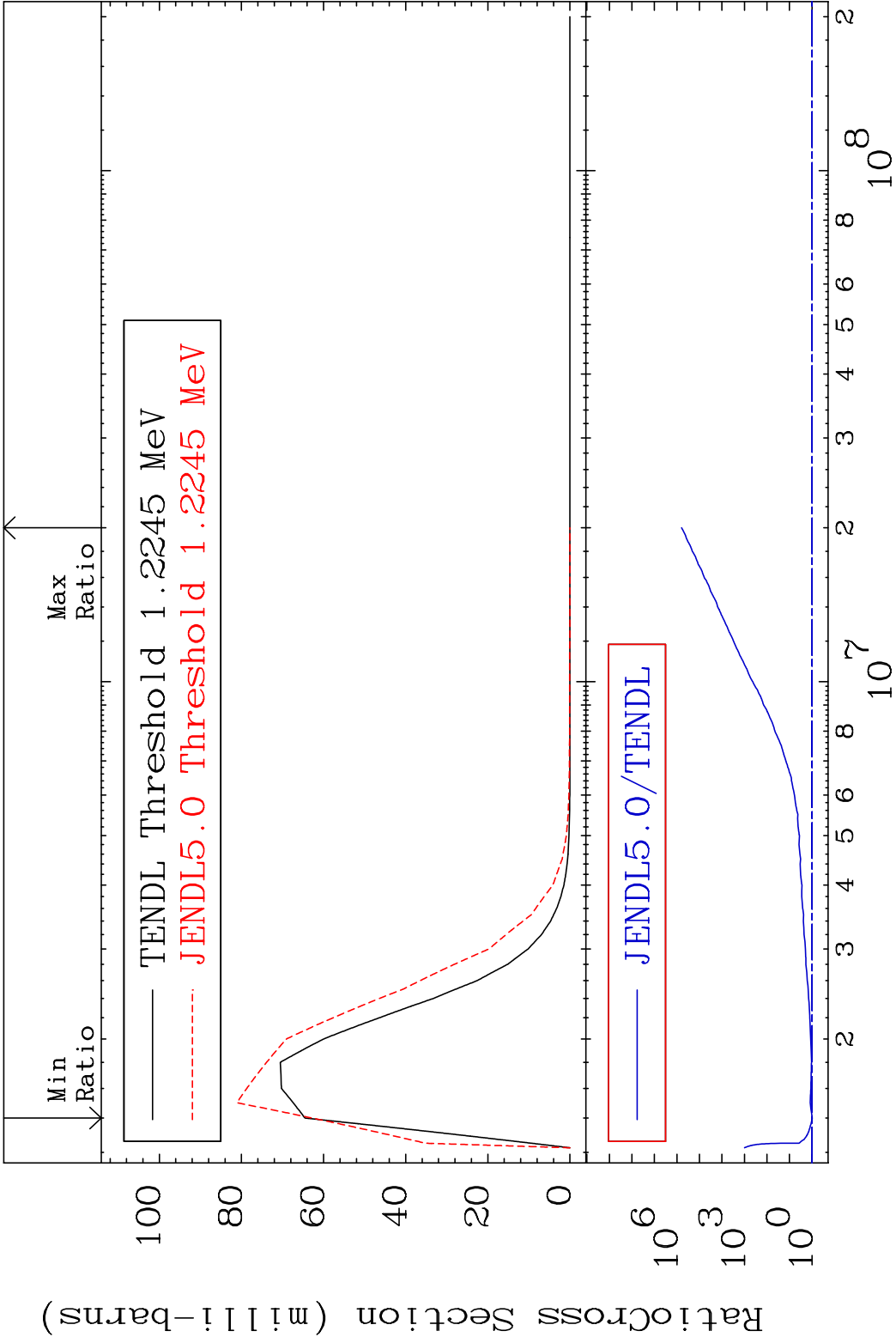
MAT 6843

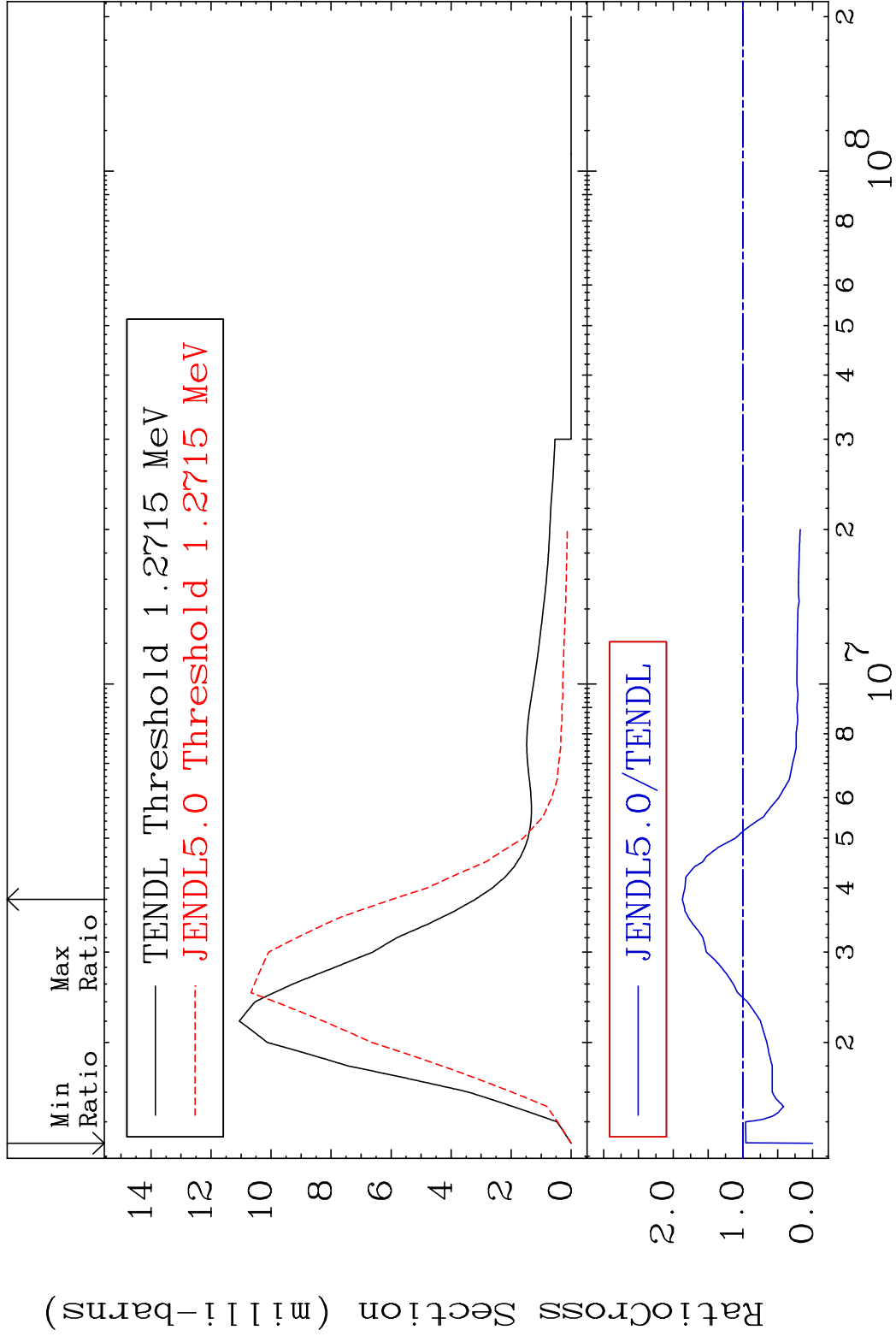
MT= 61 (n,n') Level

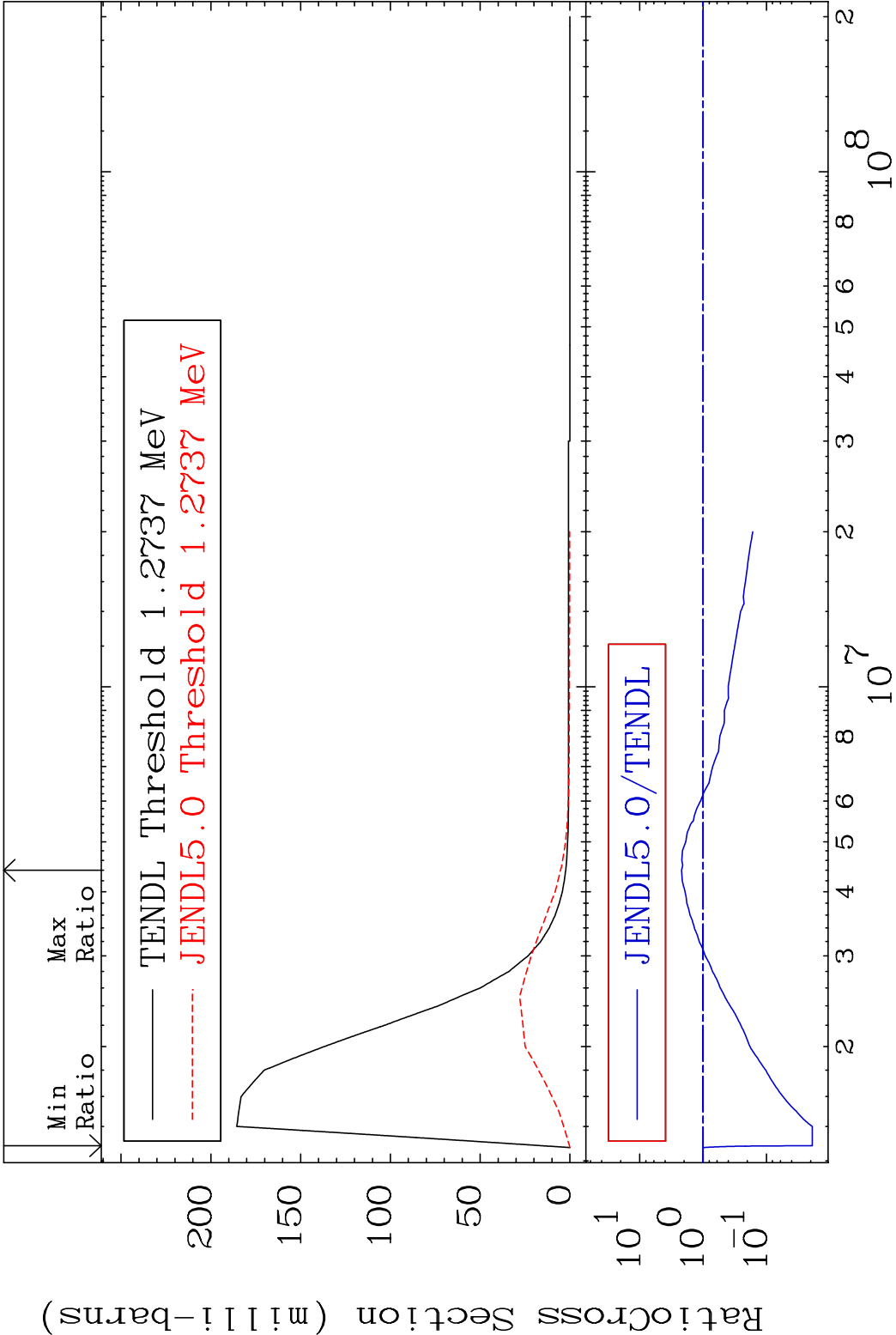
68-Er-168

Cross Section

-2.793 To 9999. %







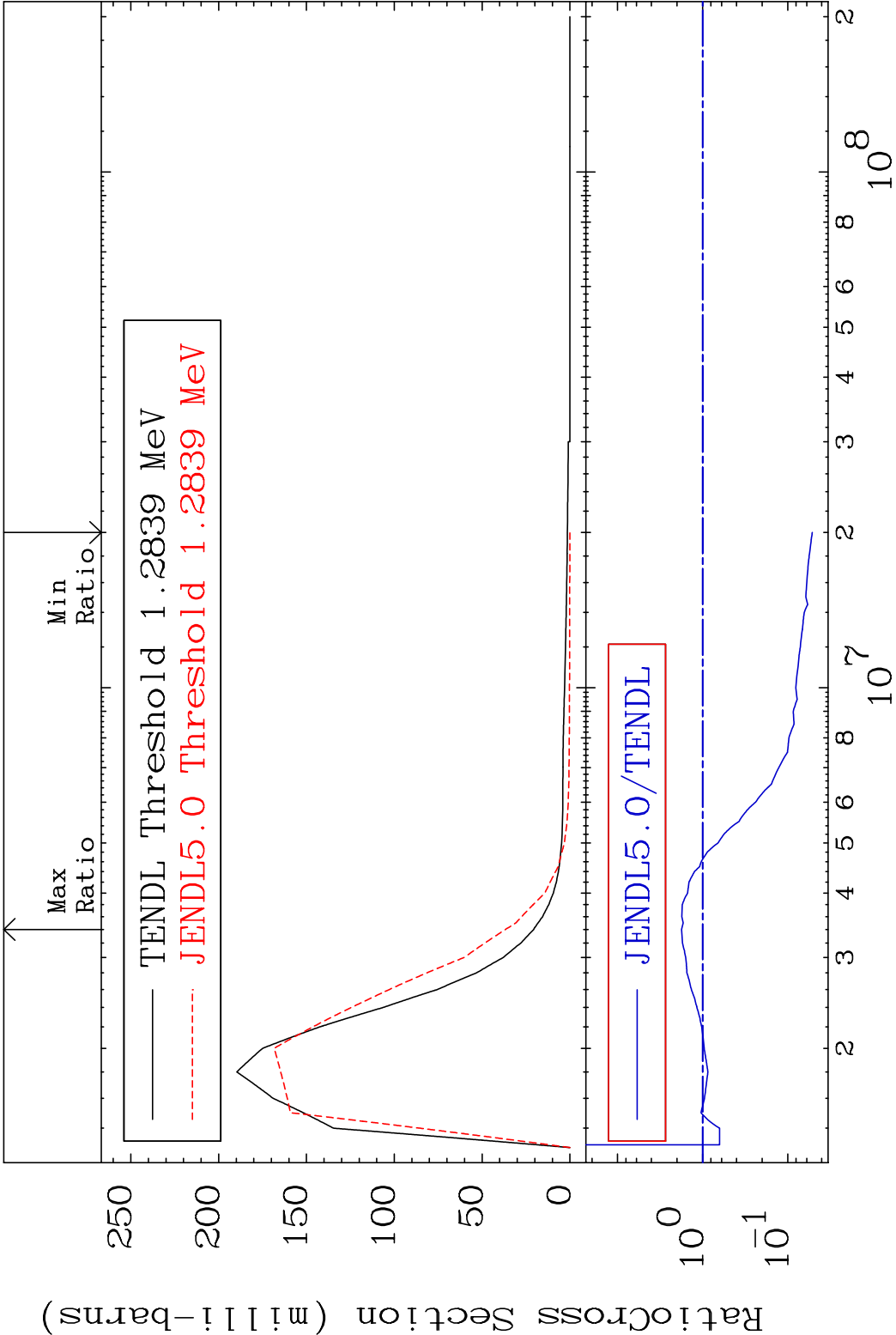
MAT 6843

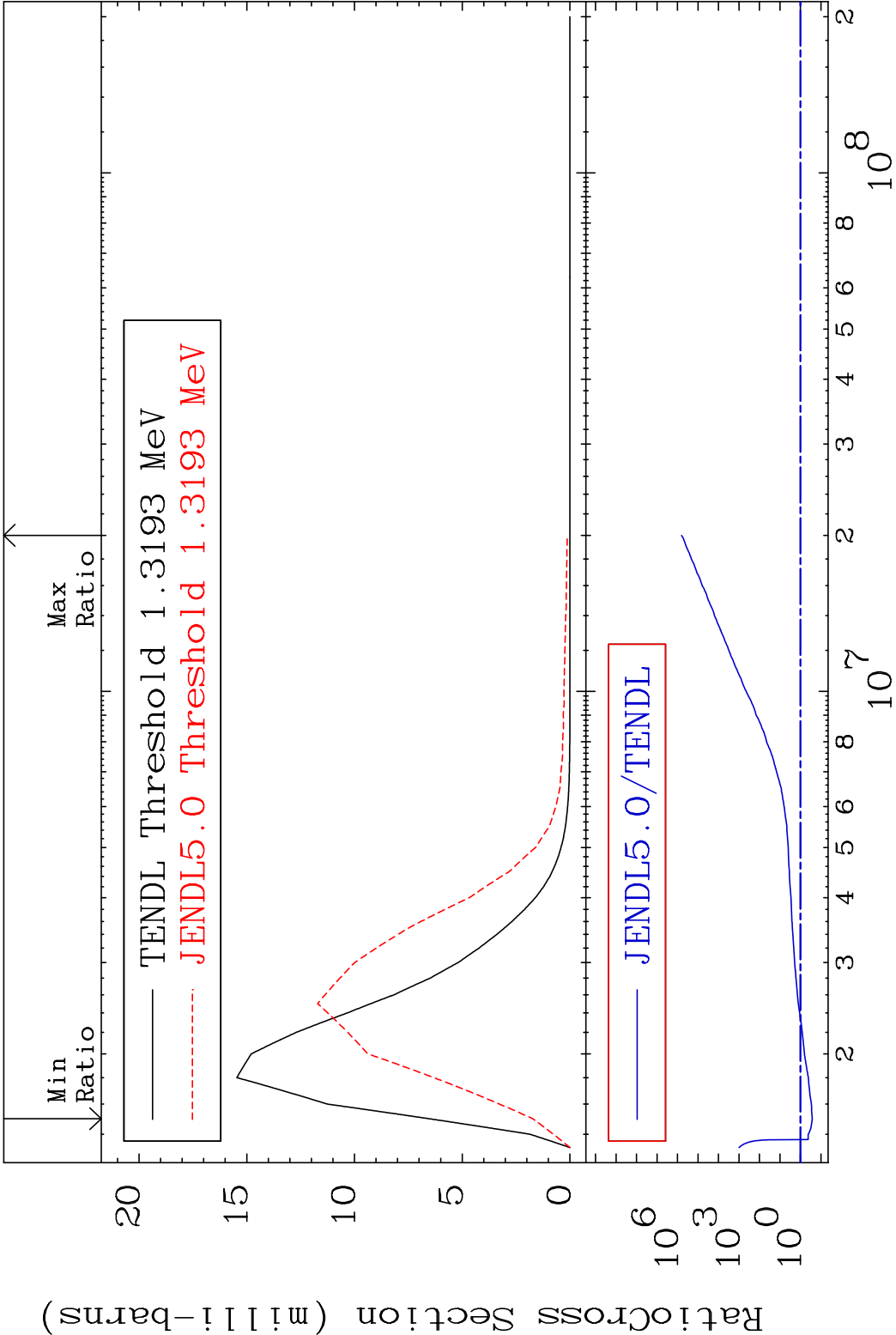
MT= 64 (n,n') Level

68-Er-168

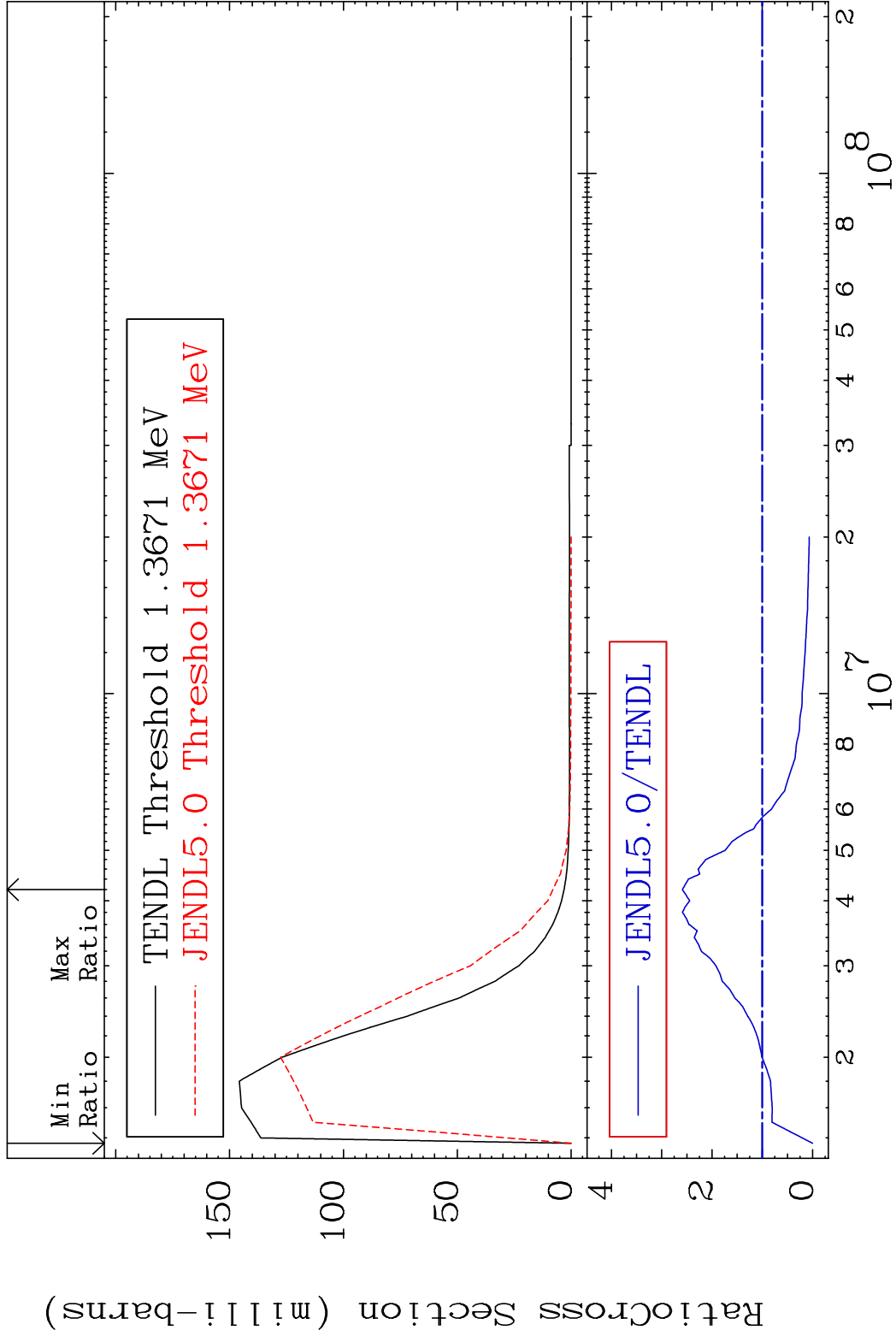
Cross Section

-94.83 To 77.32 %





MAT 6843 MT= 66 (n,n') Level 68-Er-168
Cross Section -100.0 To 158.9 %

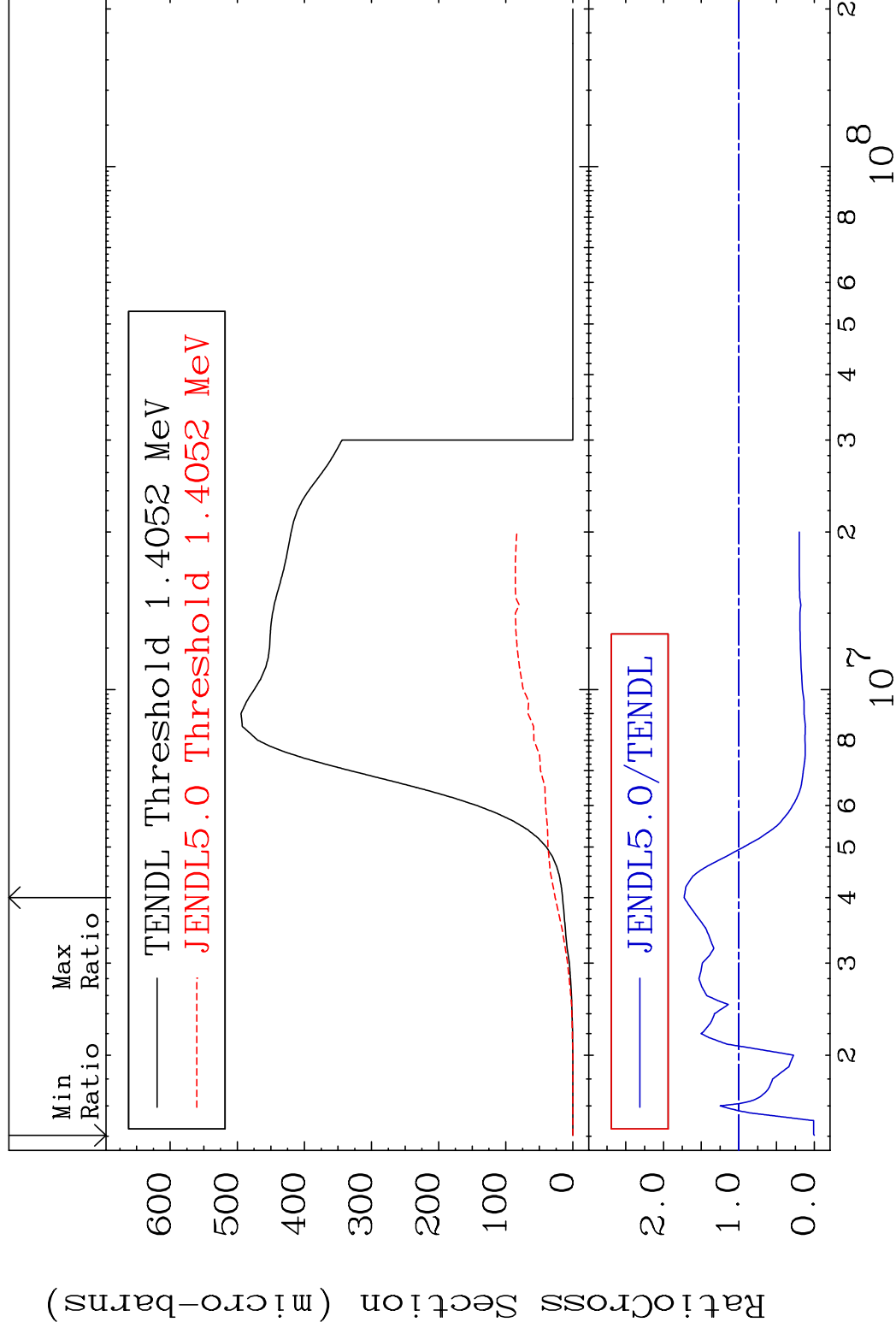


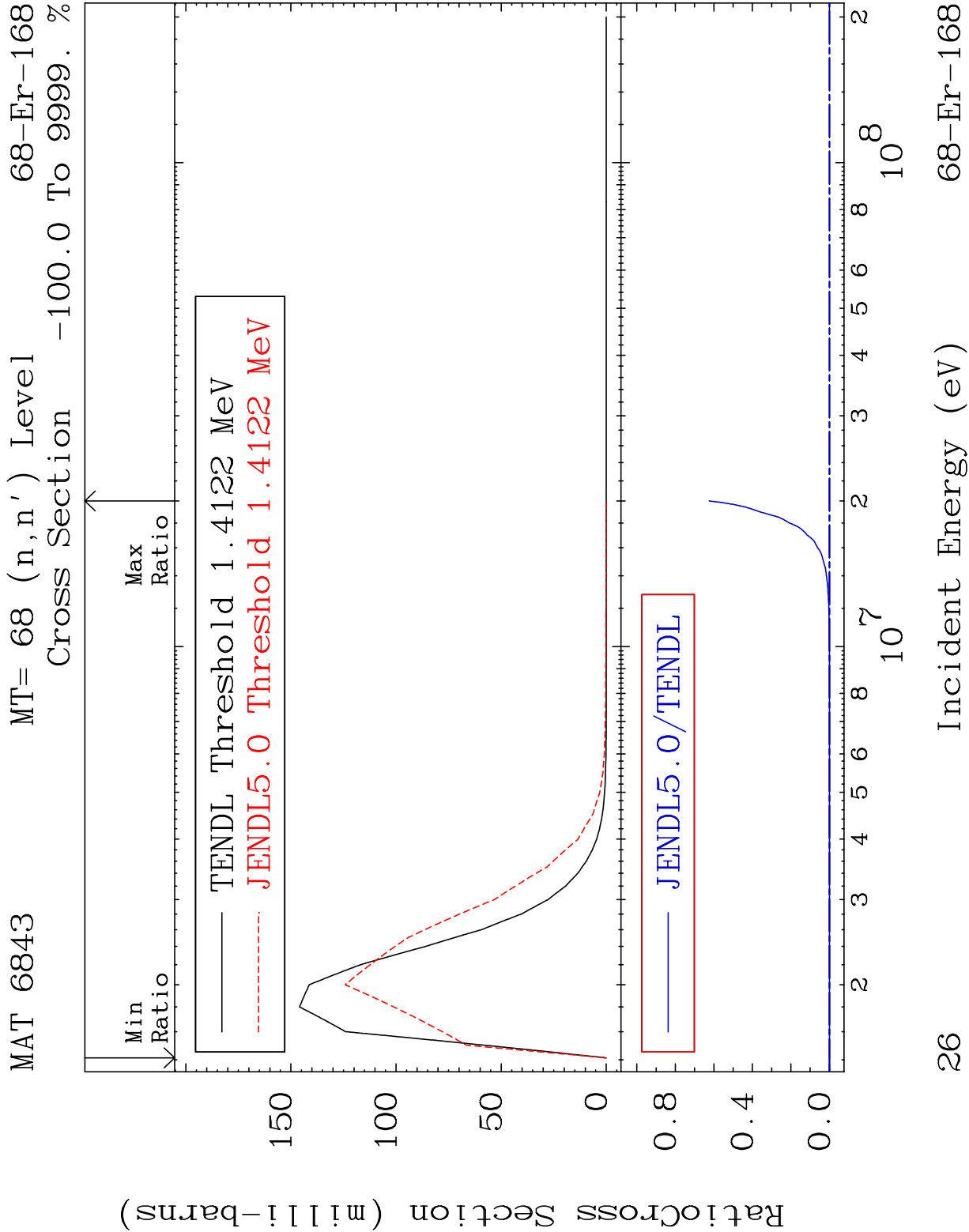
MAT 6843

MT= 67 (n, n') Level

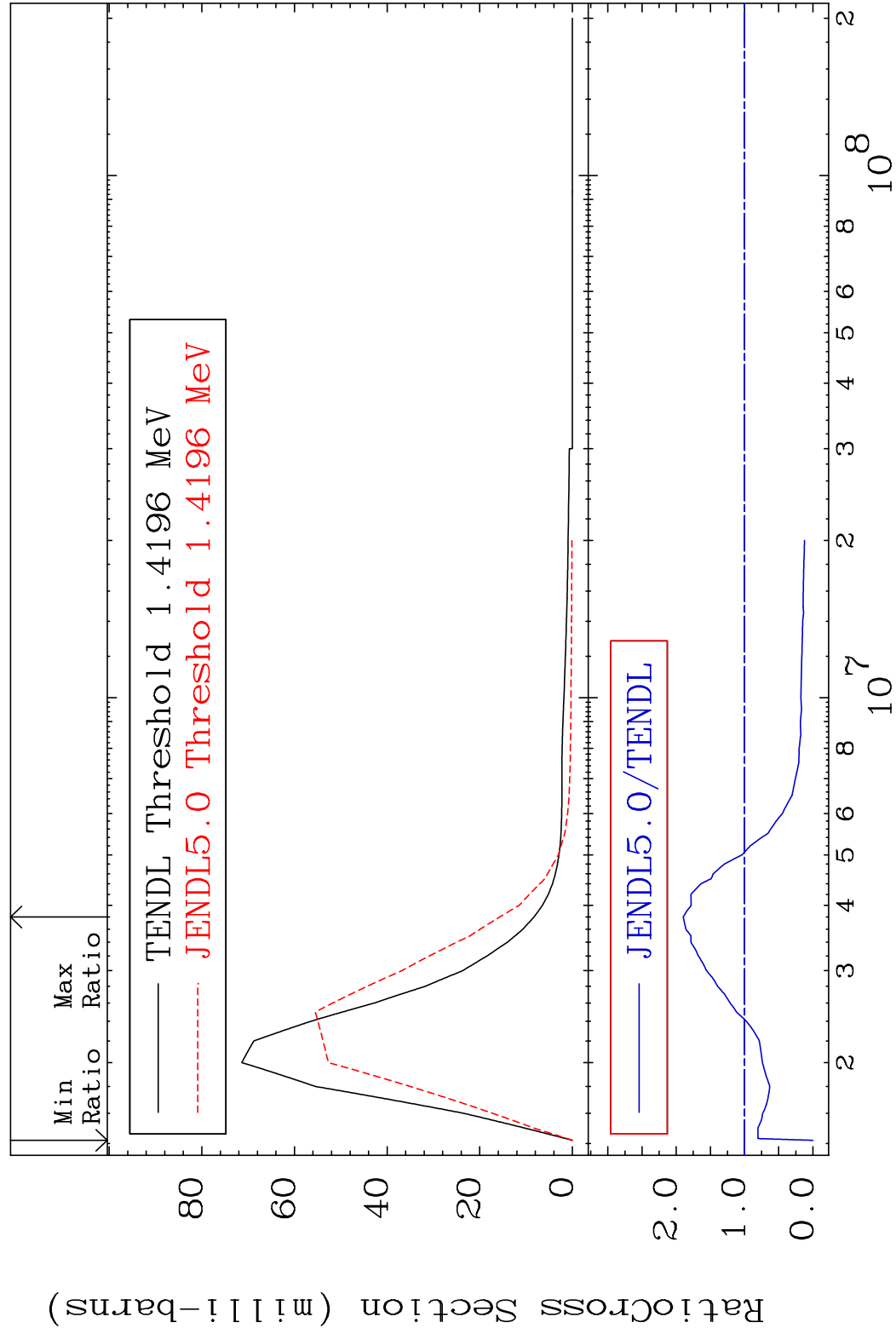
68-Er-168

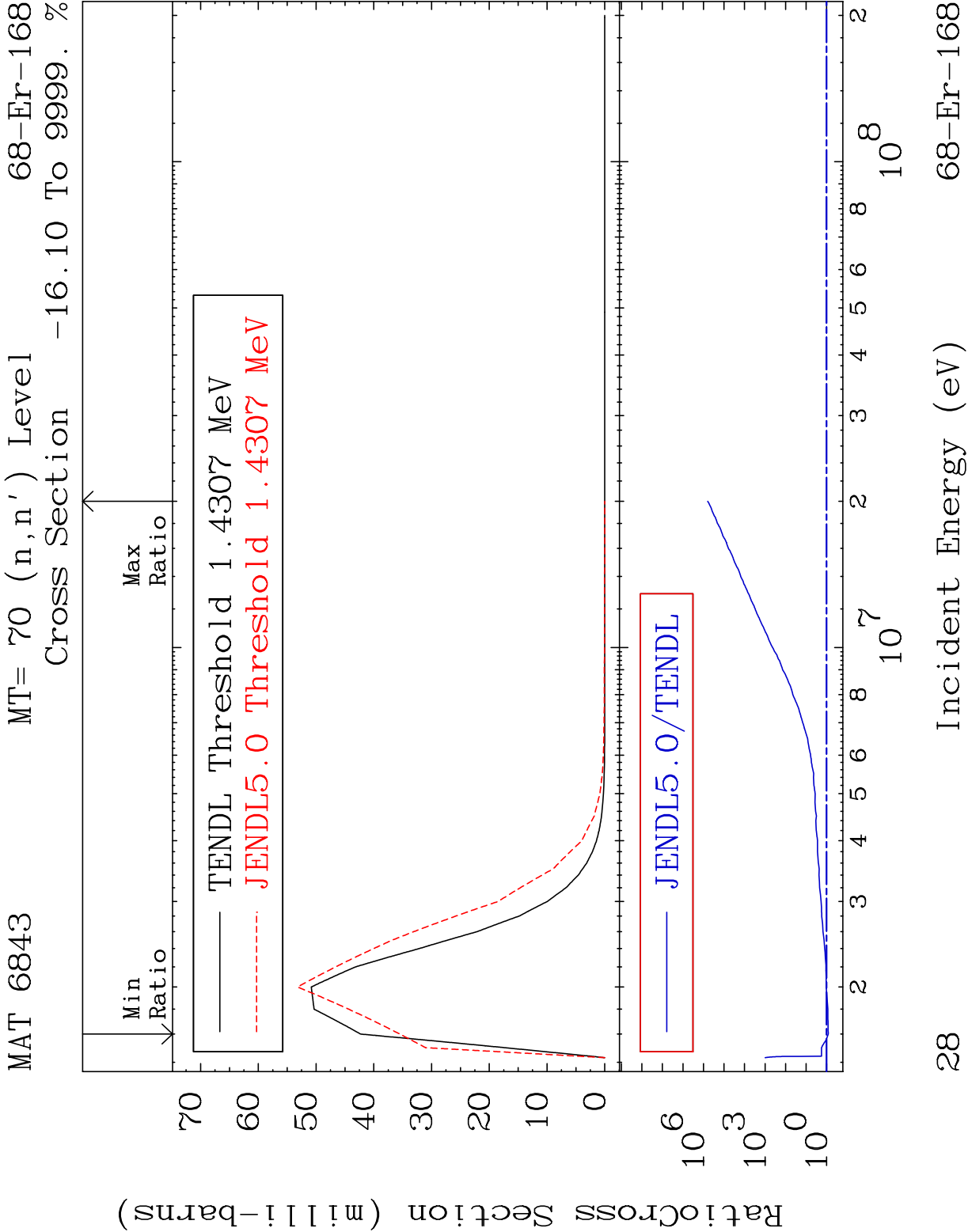
Cross Section -100.0 To 72.69 %

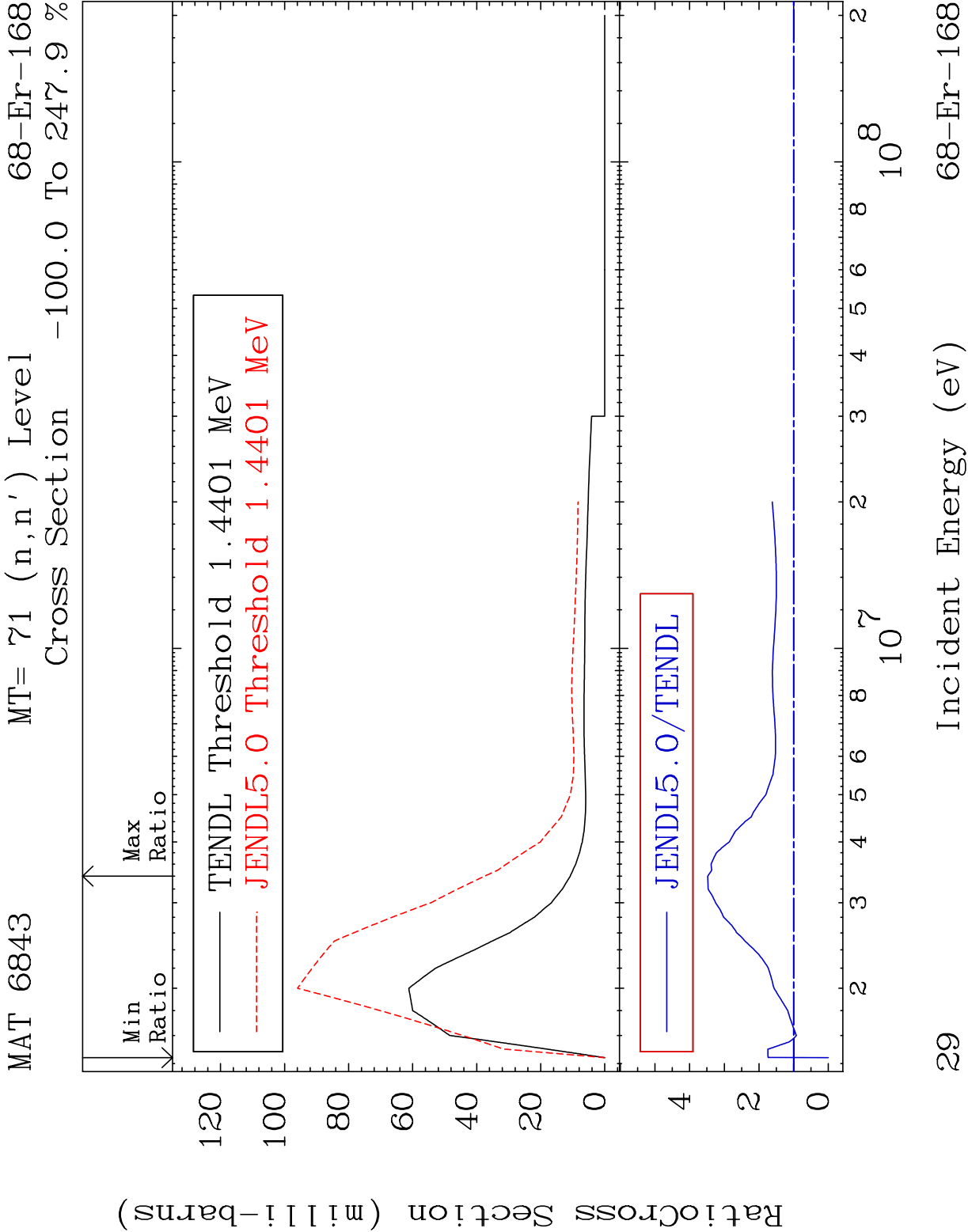




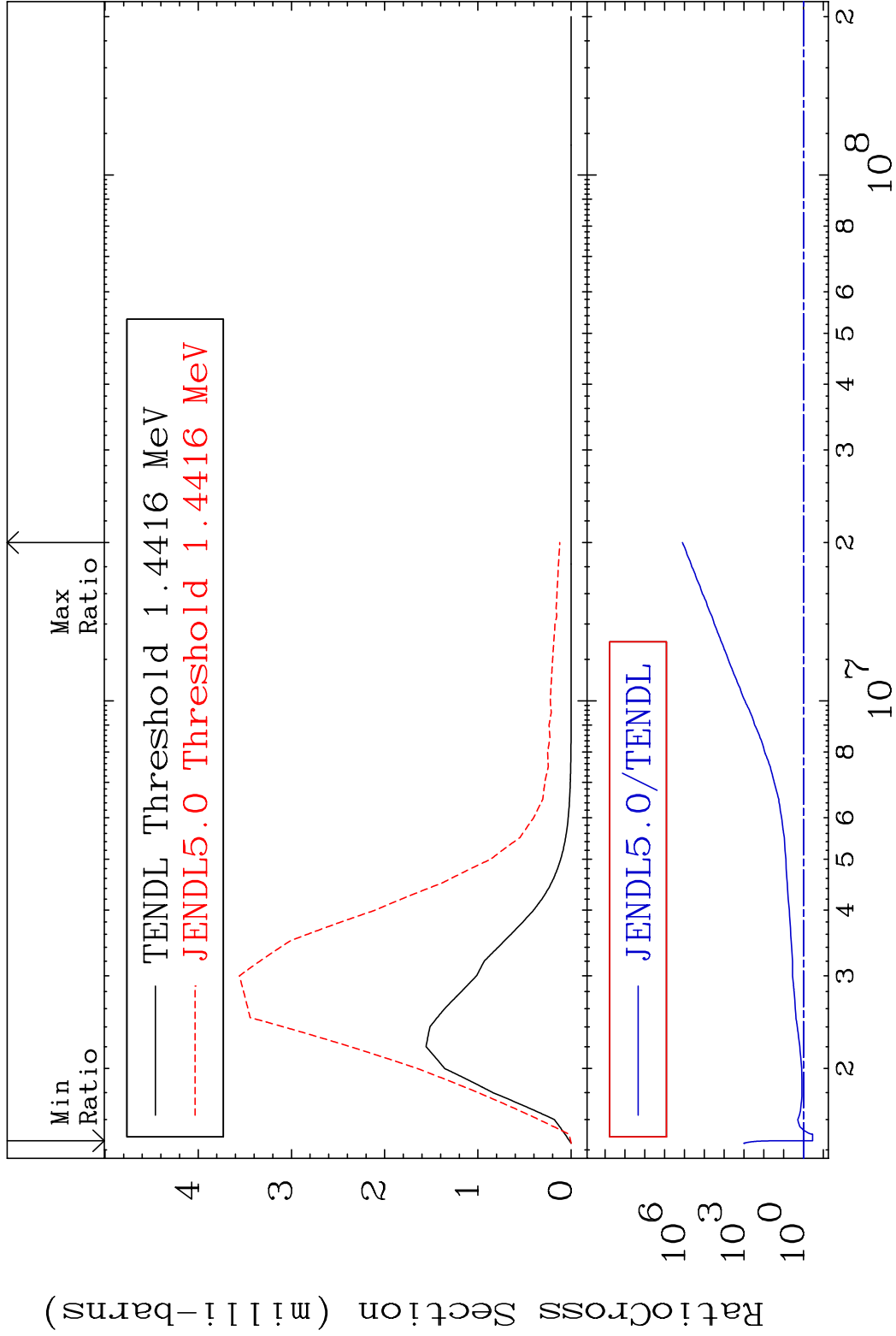
MAT 6843 MT= 69 (n,n') Level 68-Er-168
 Cross Section -100.0 To 89.82 %



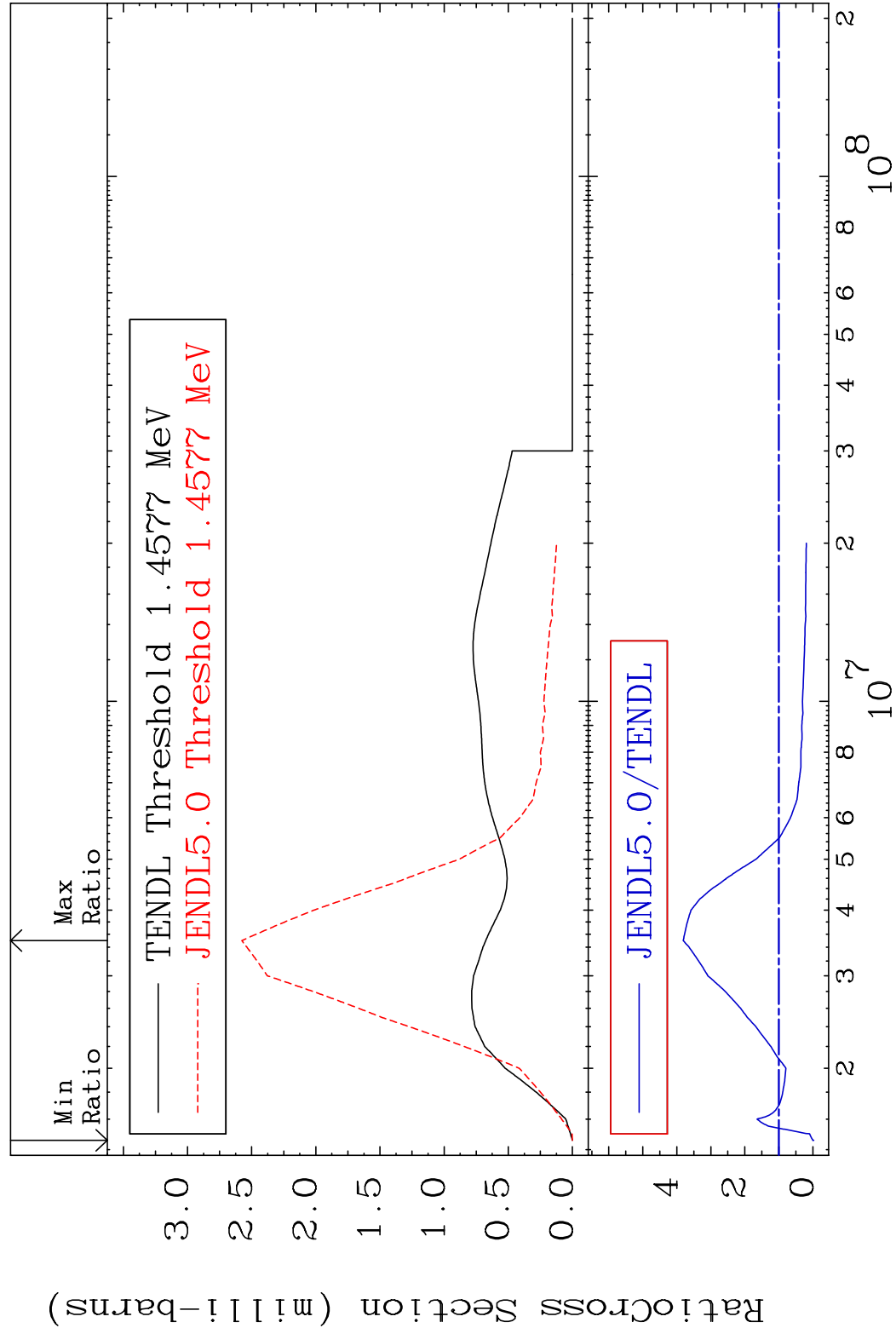


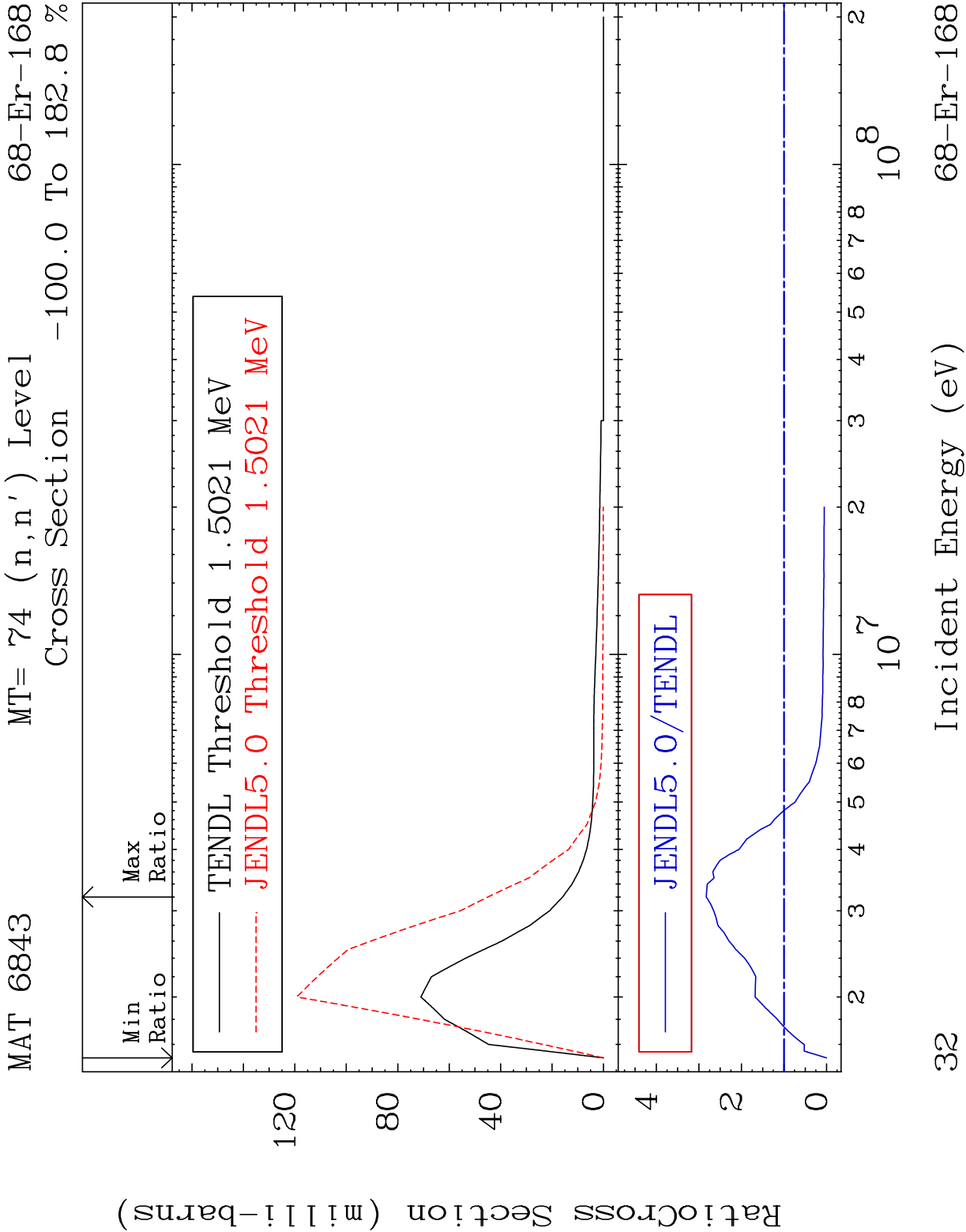


MAT 6843 MT= 72 (n,n') Level 68-Er-168
Cross Section -65.22 To 9999. %

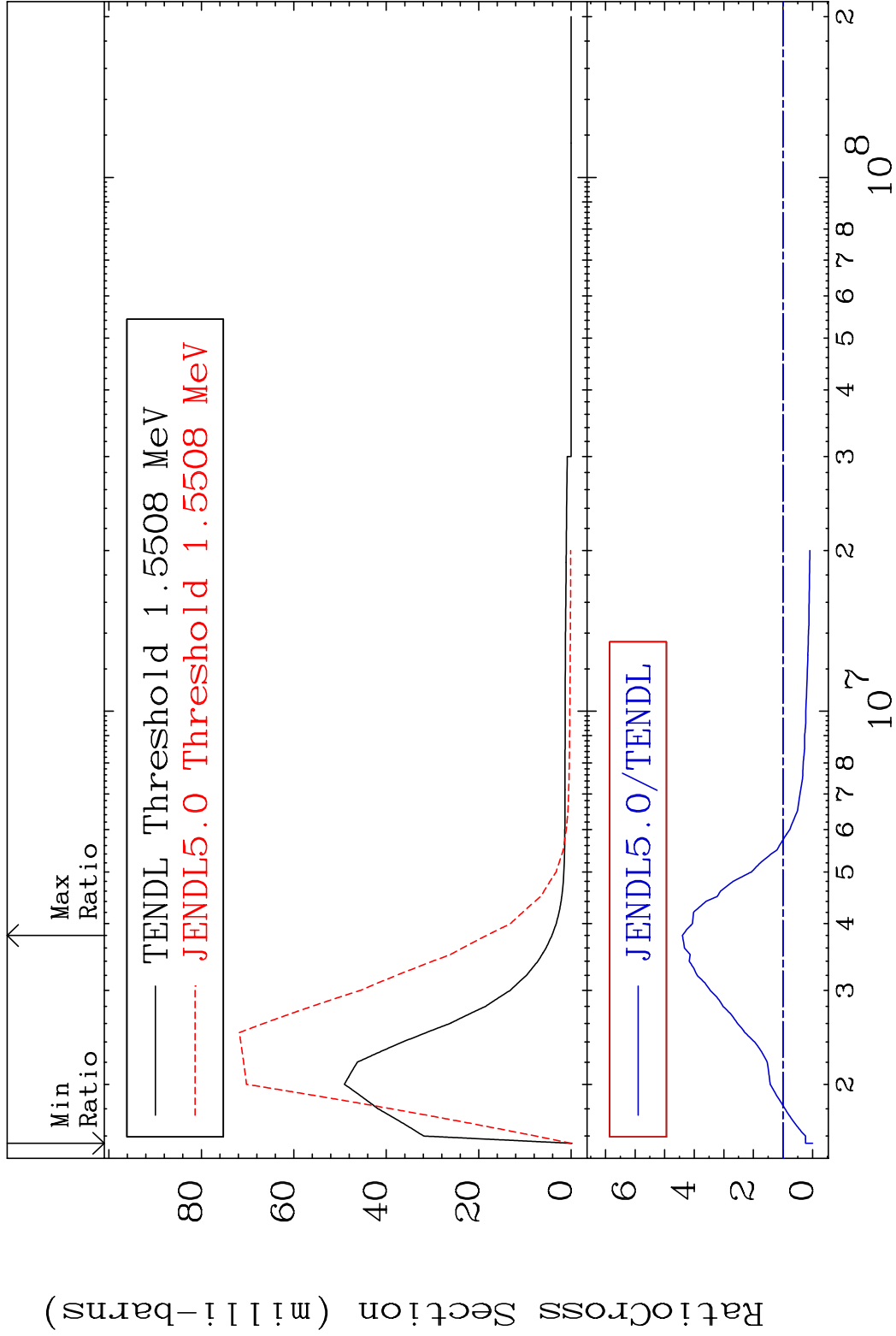


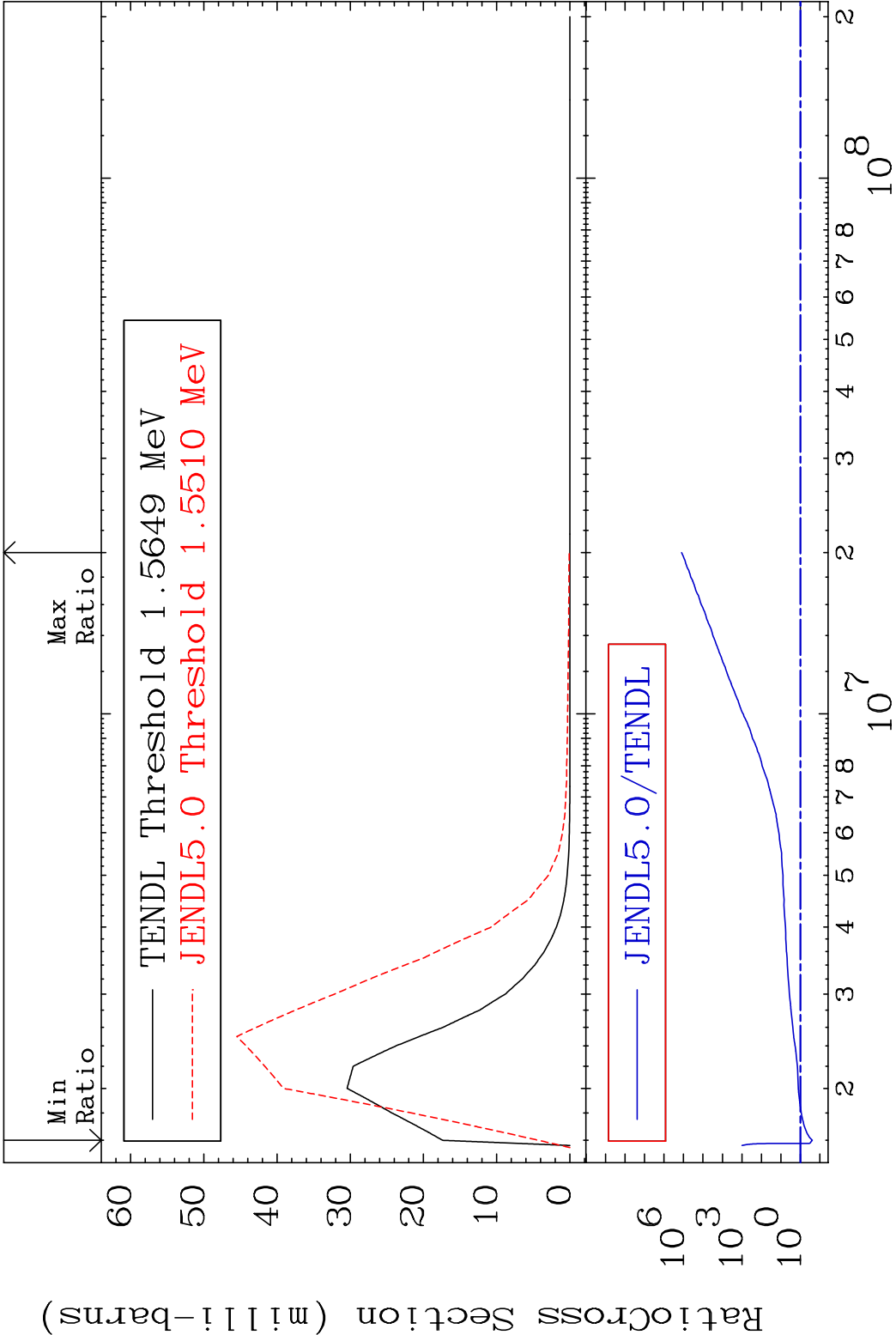
MAT 6843 MT= 73 (n,n') Level 68-Er-168
 Cross Section -100.0 To 281.3 %



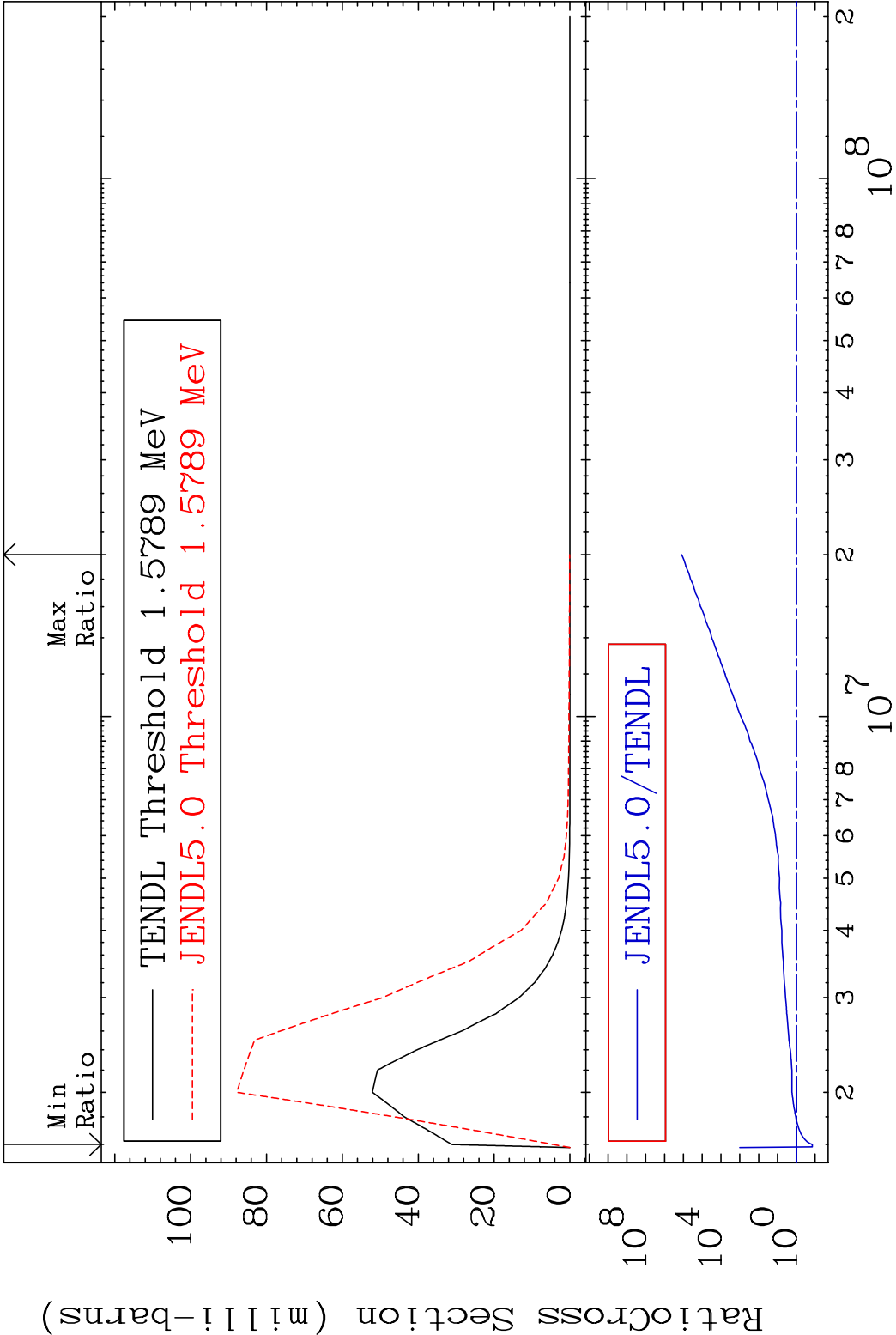


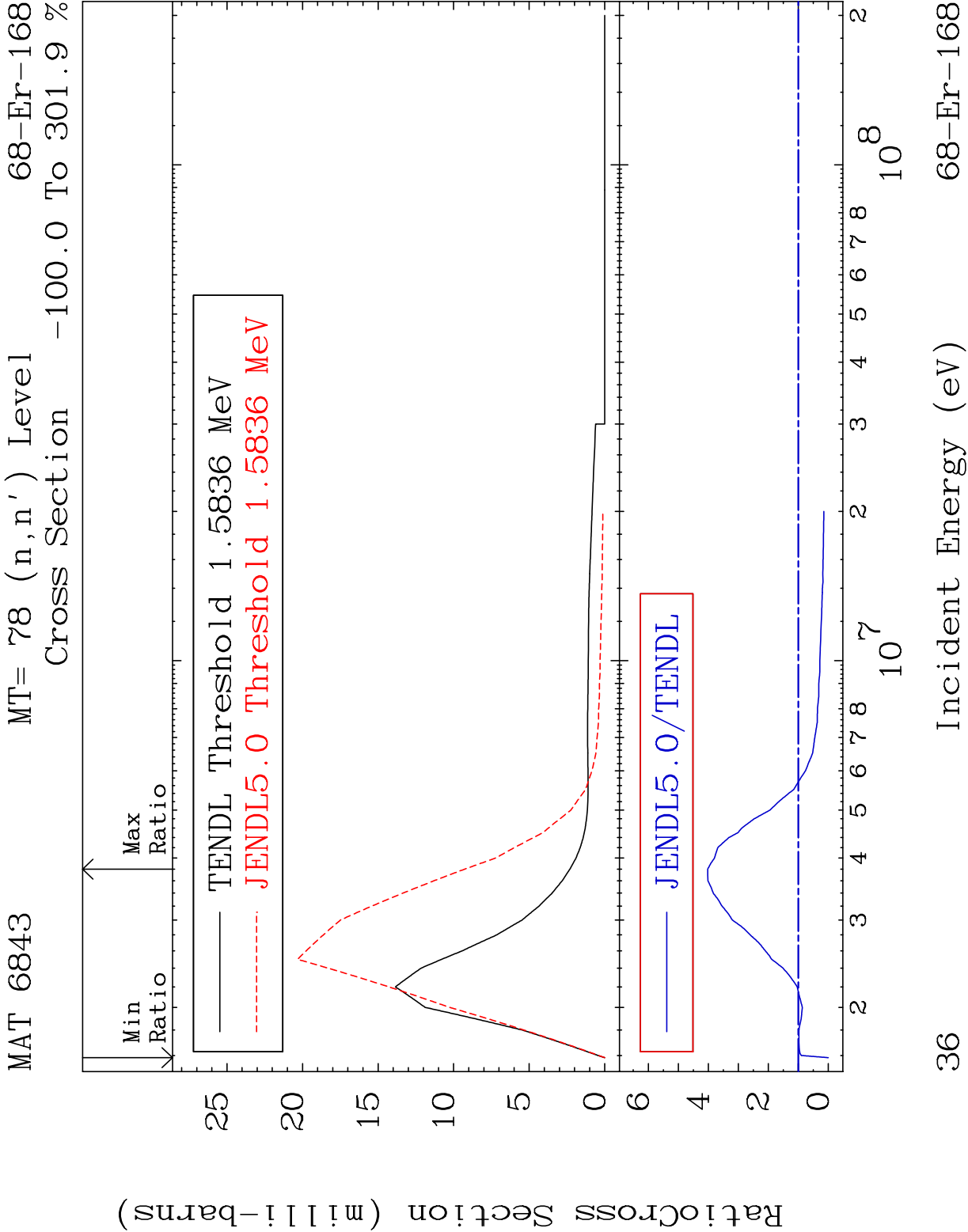
MAT 6843 MT= 75 (n,n') Level 68-Er-168
Cross Section -100.0 To 340.2 %

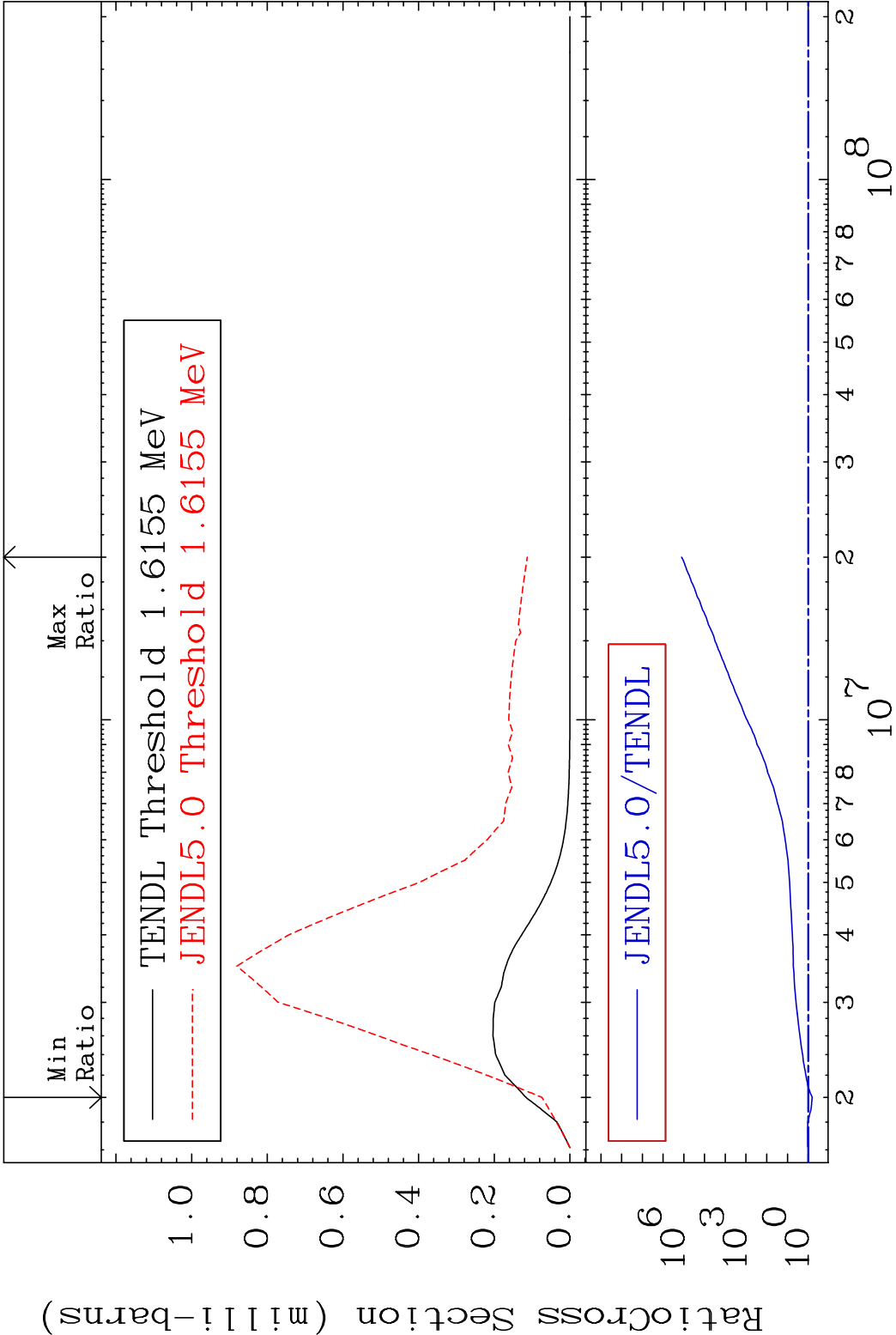


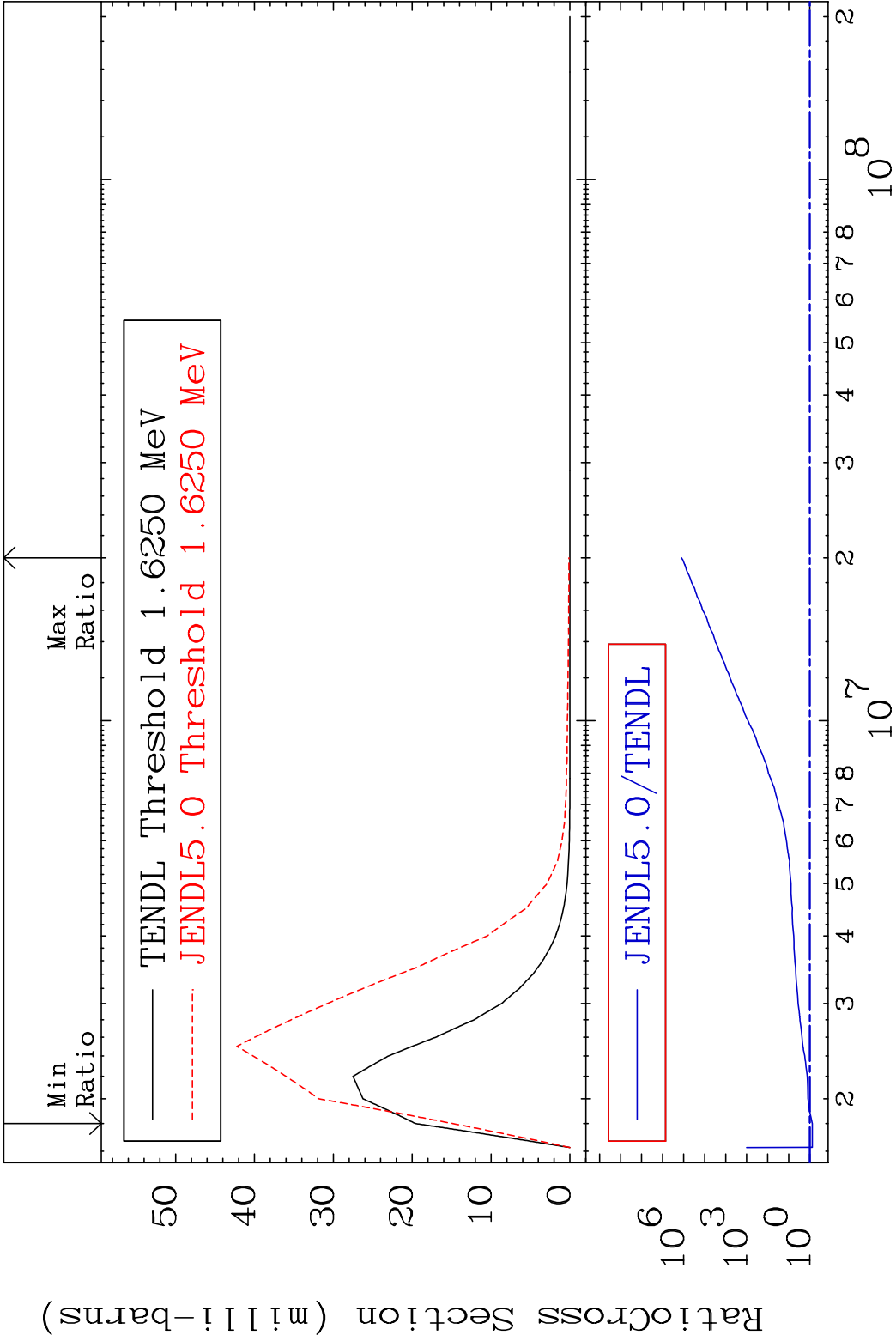


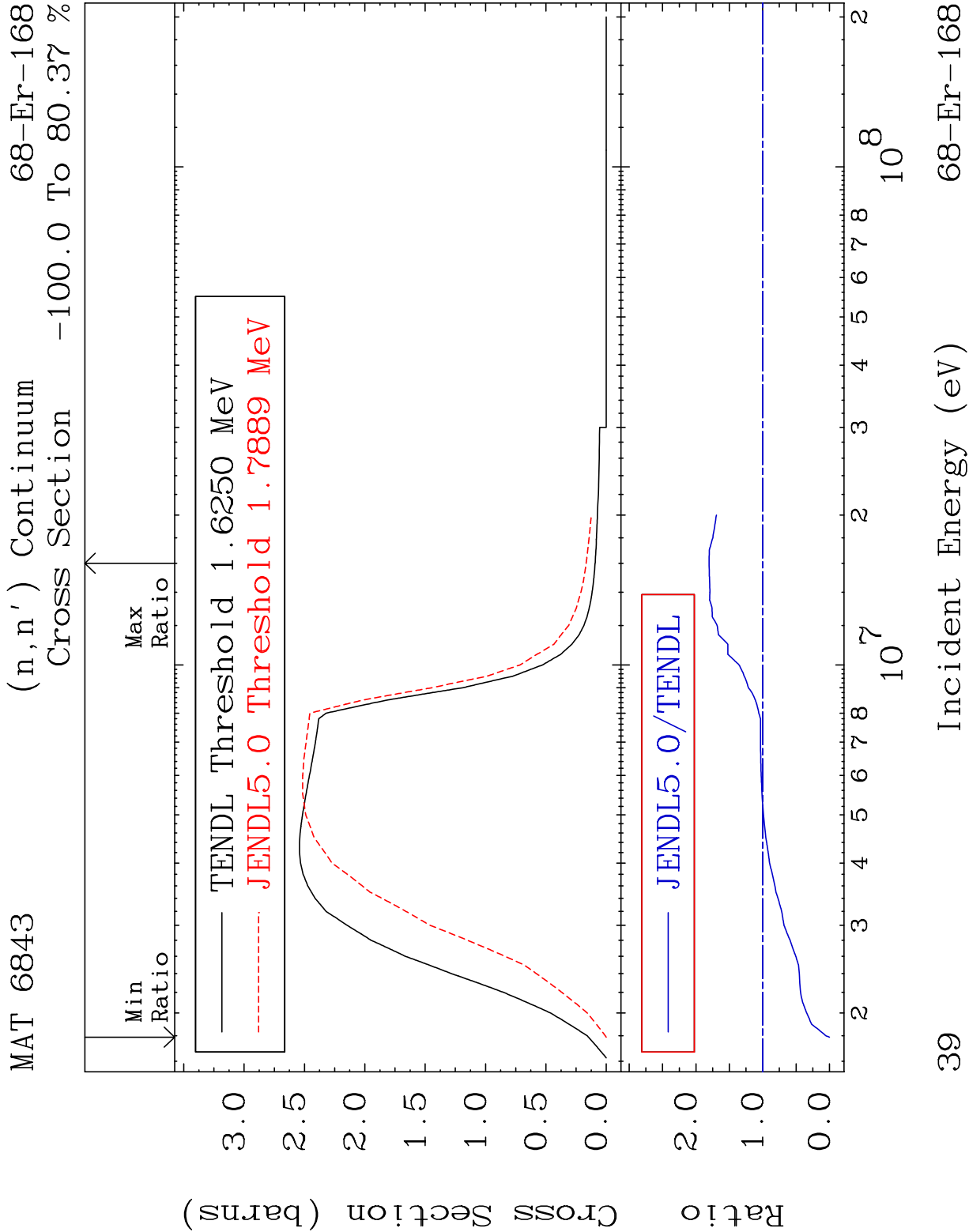
MAT 6843	MT= 77 (n,n')	Level	68-Er-168
	Cross Section	-85.87 To 9999. %	

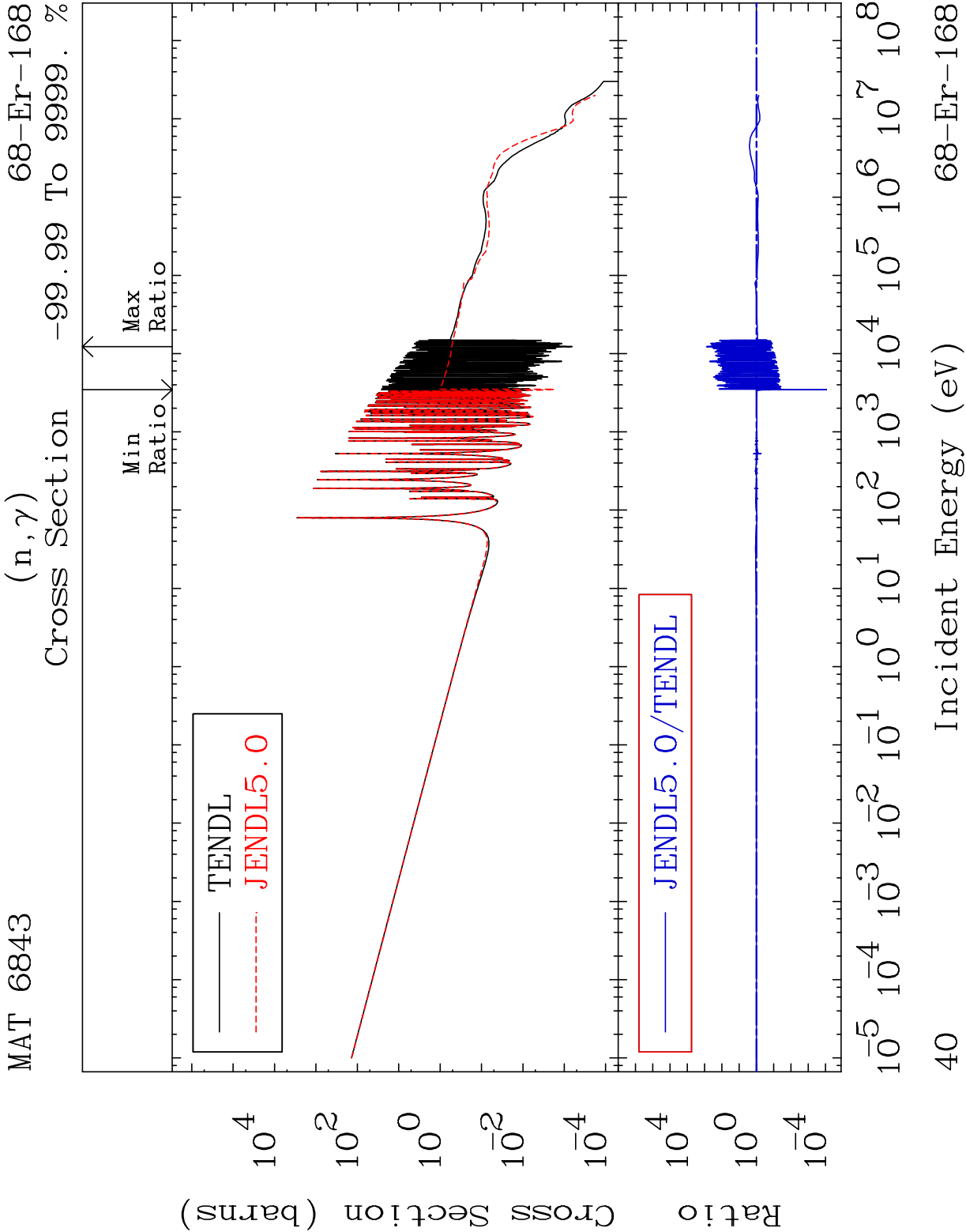


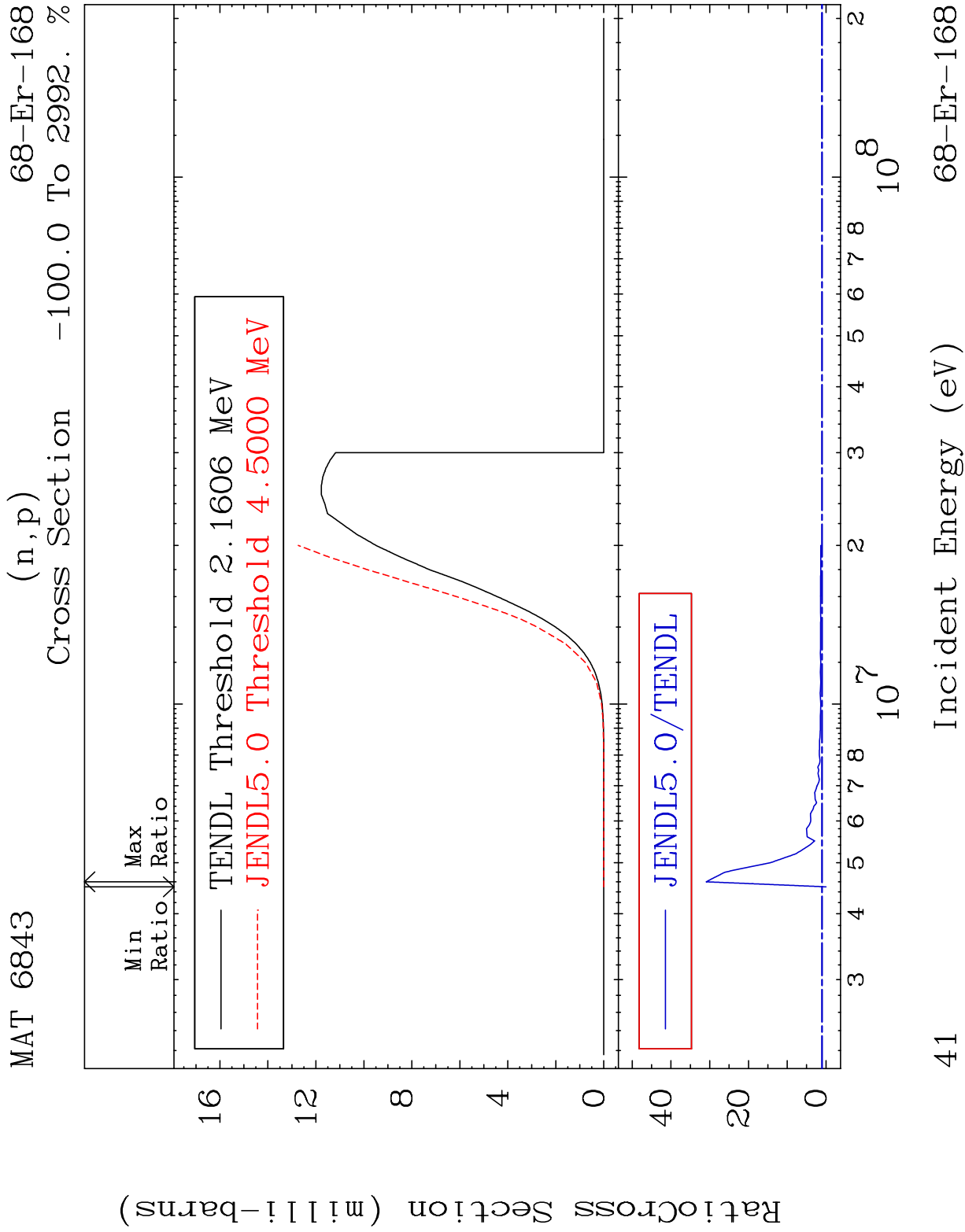


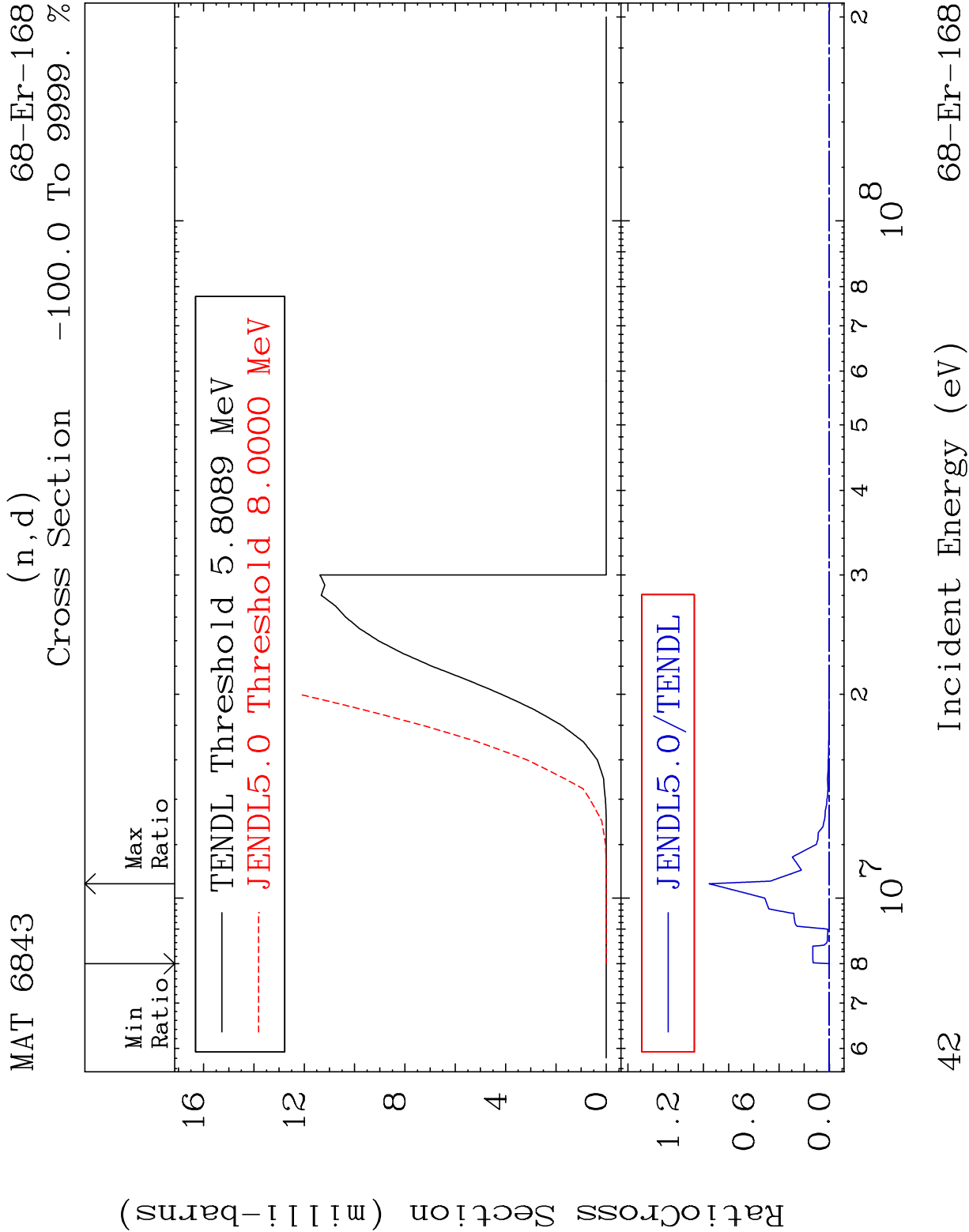


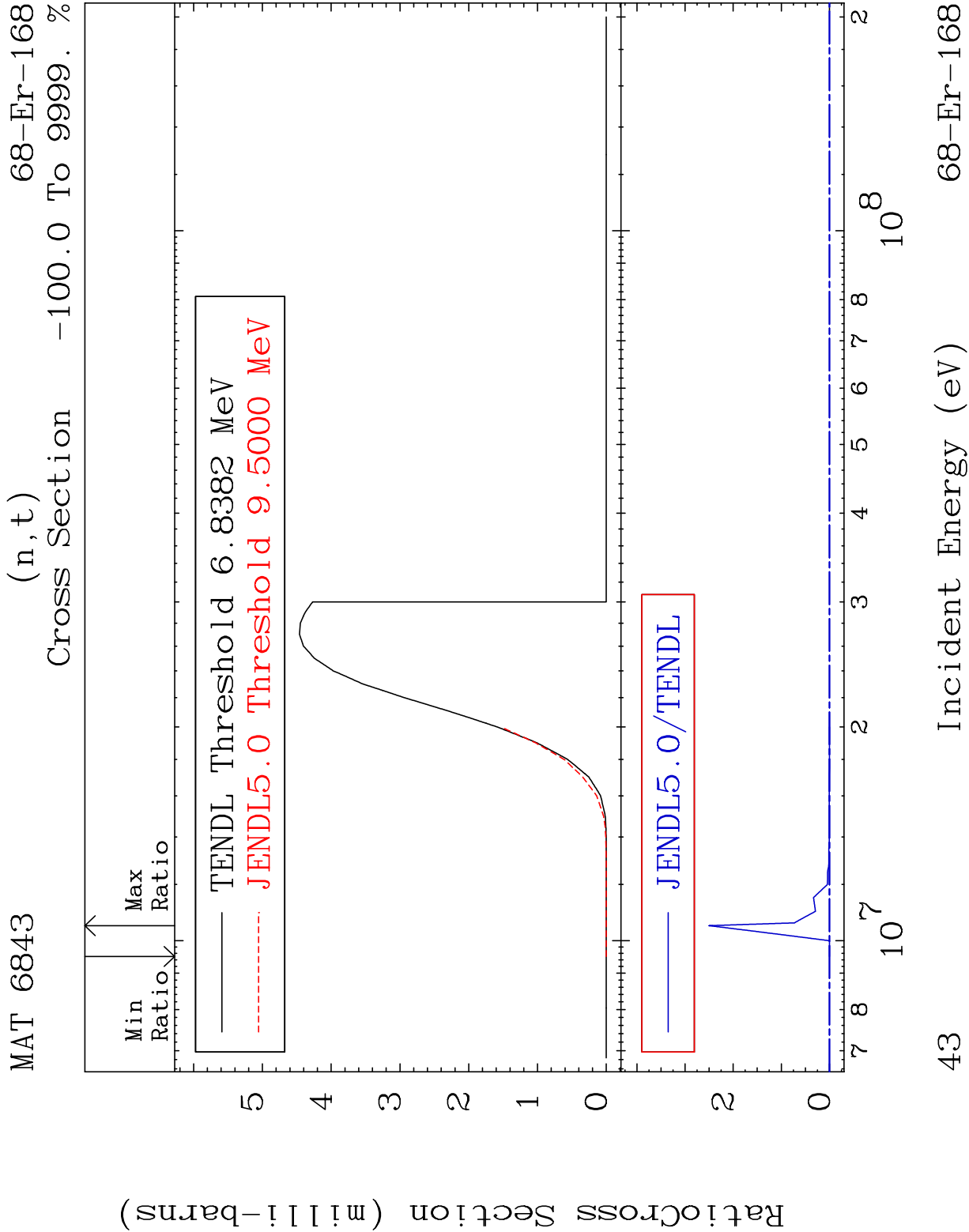


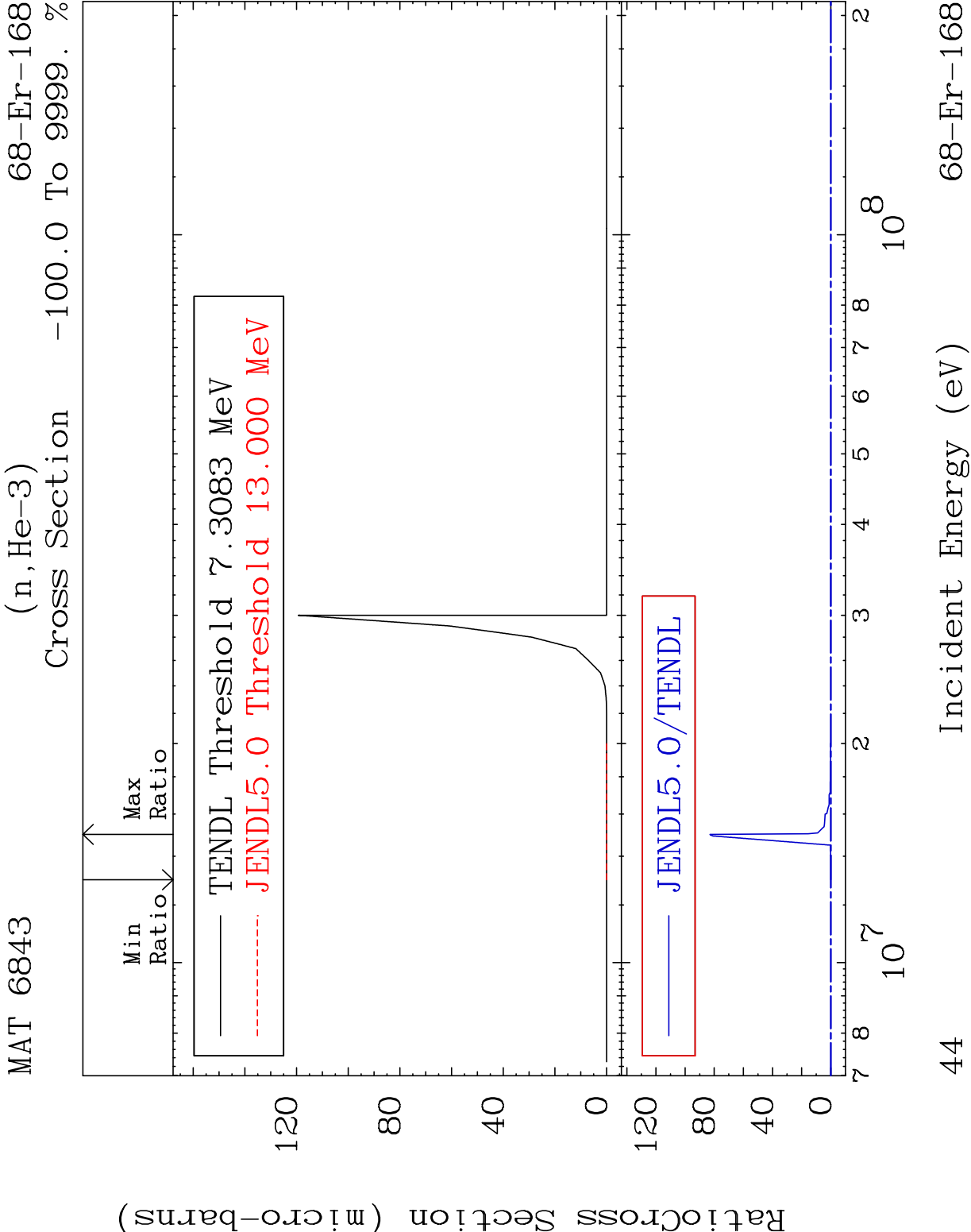


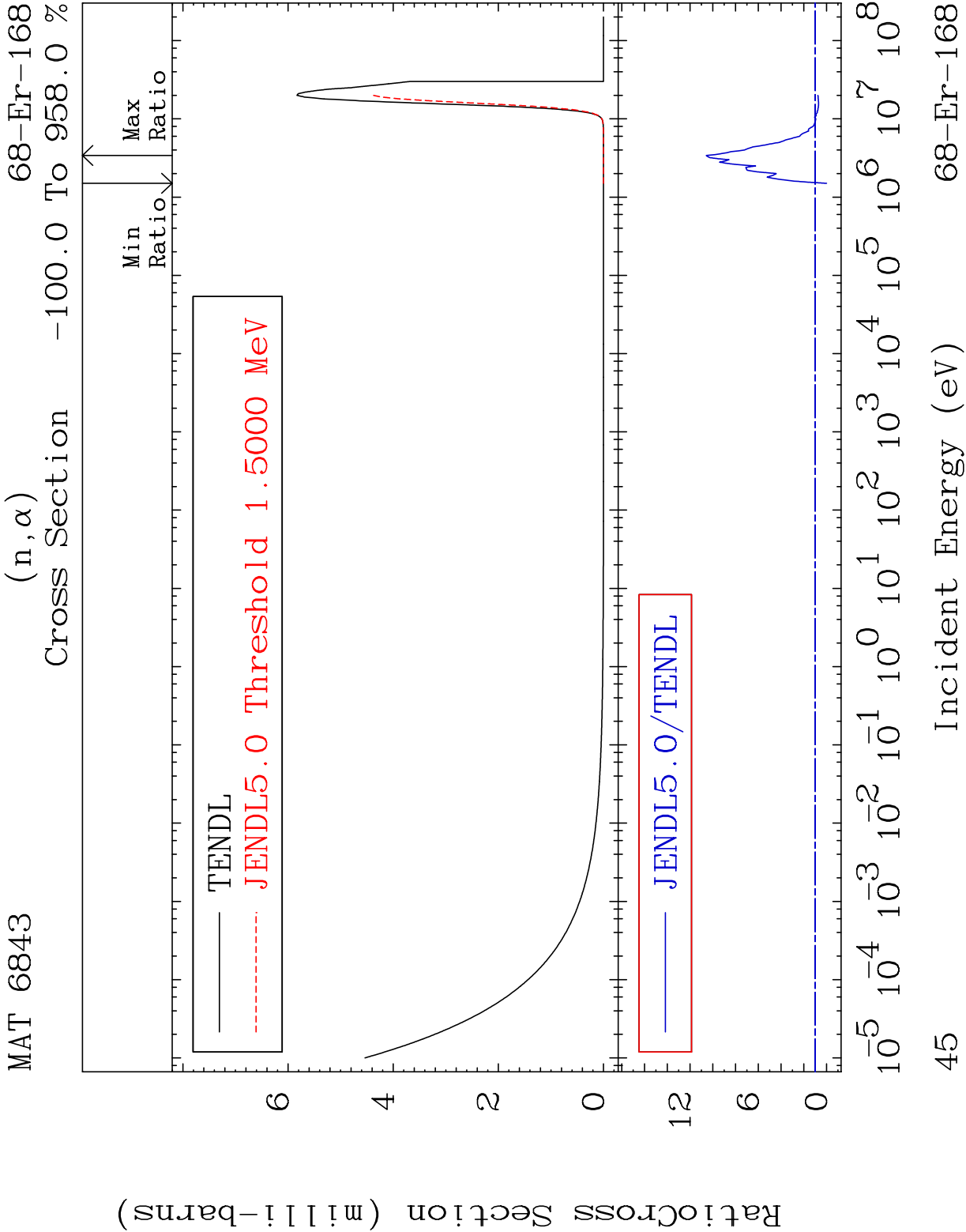


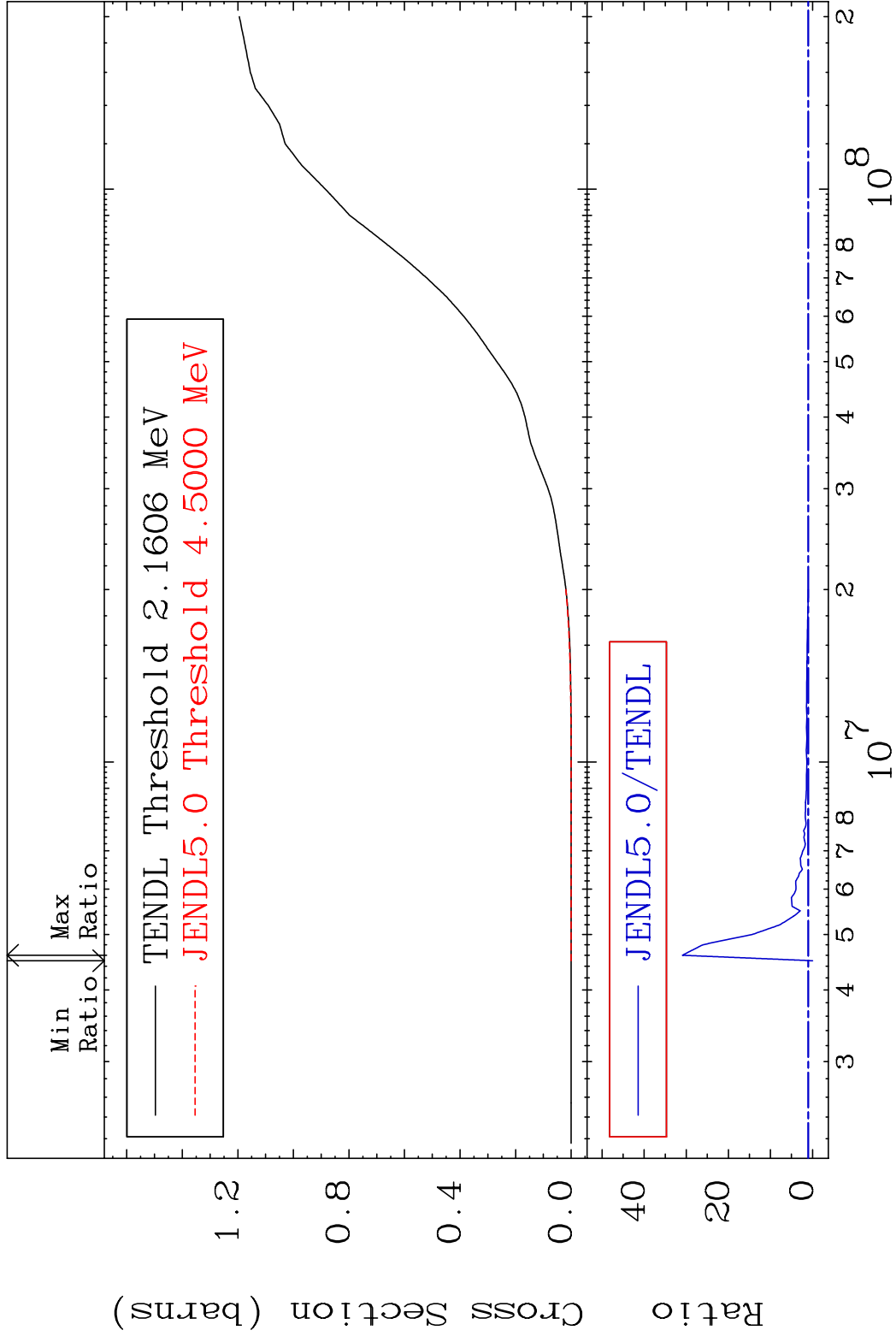


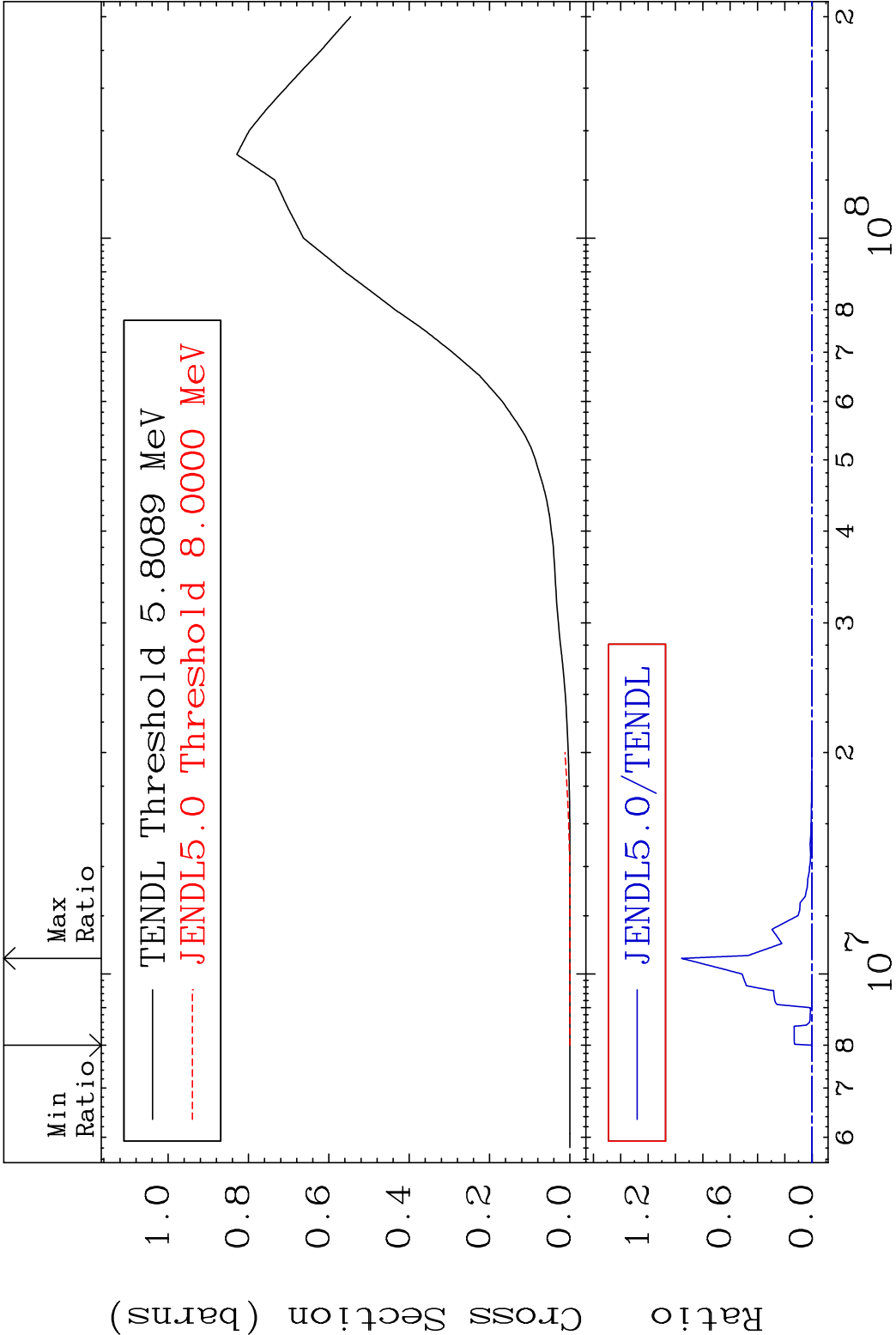


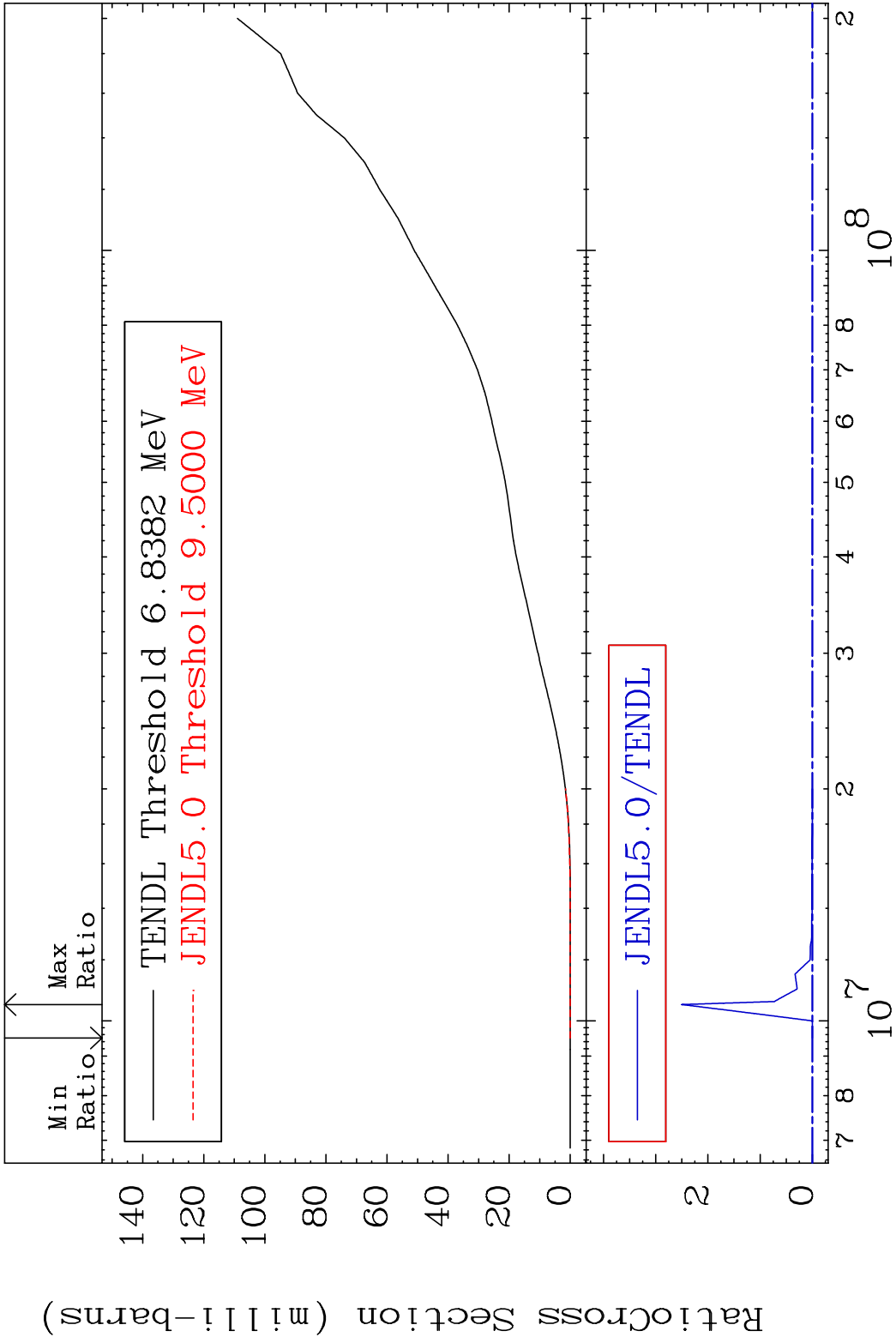


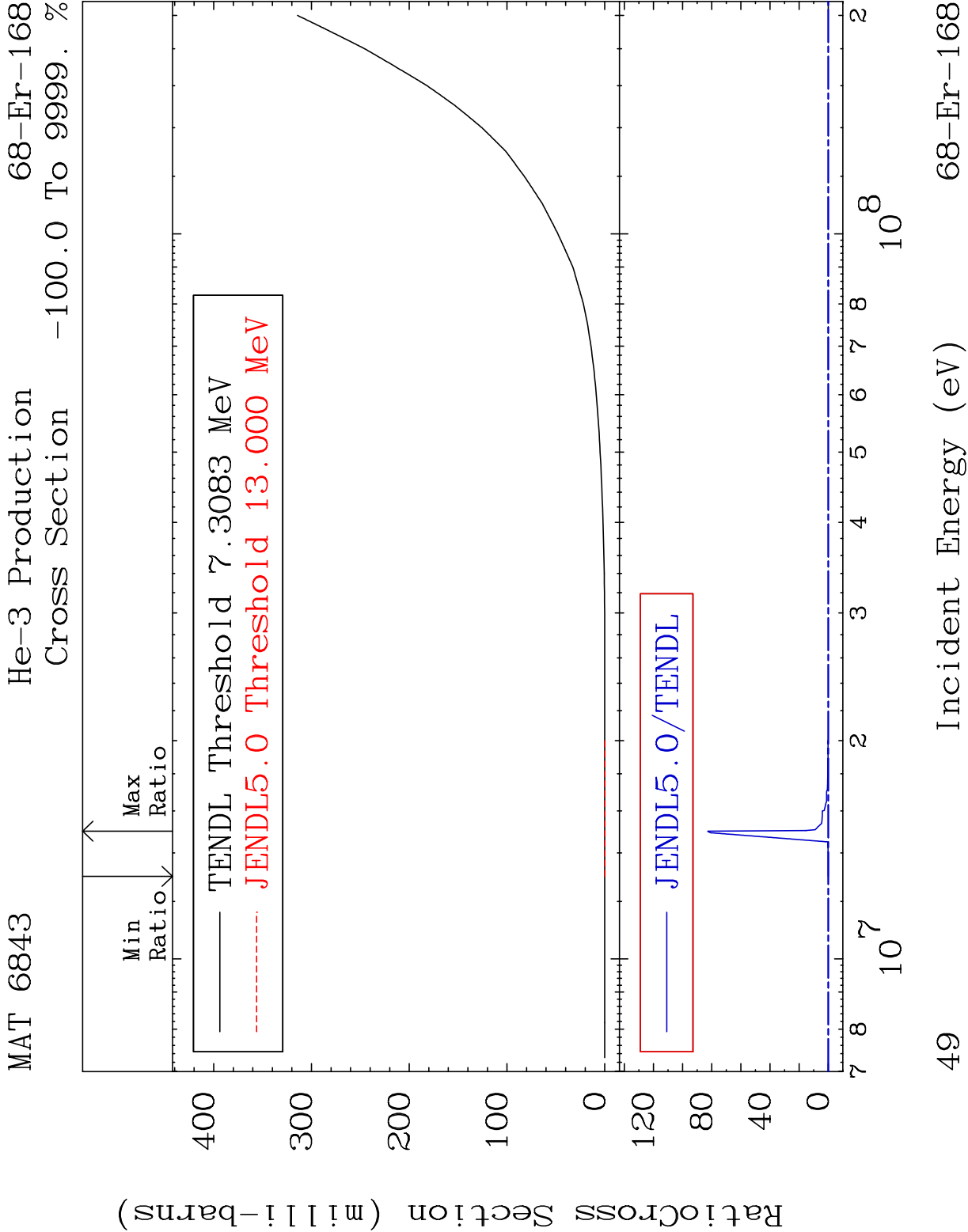


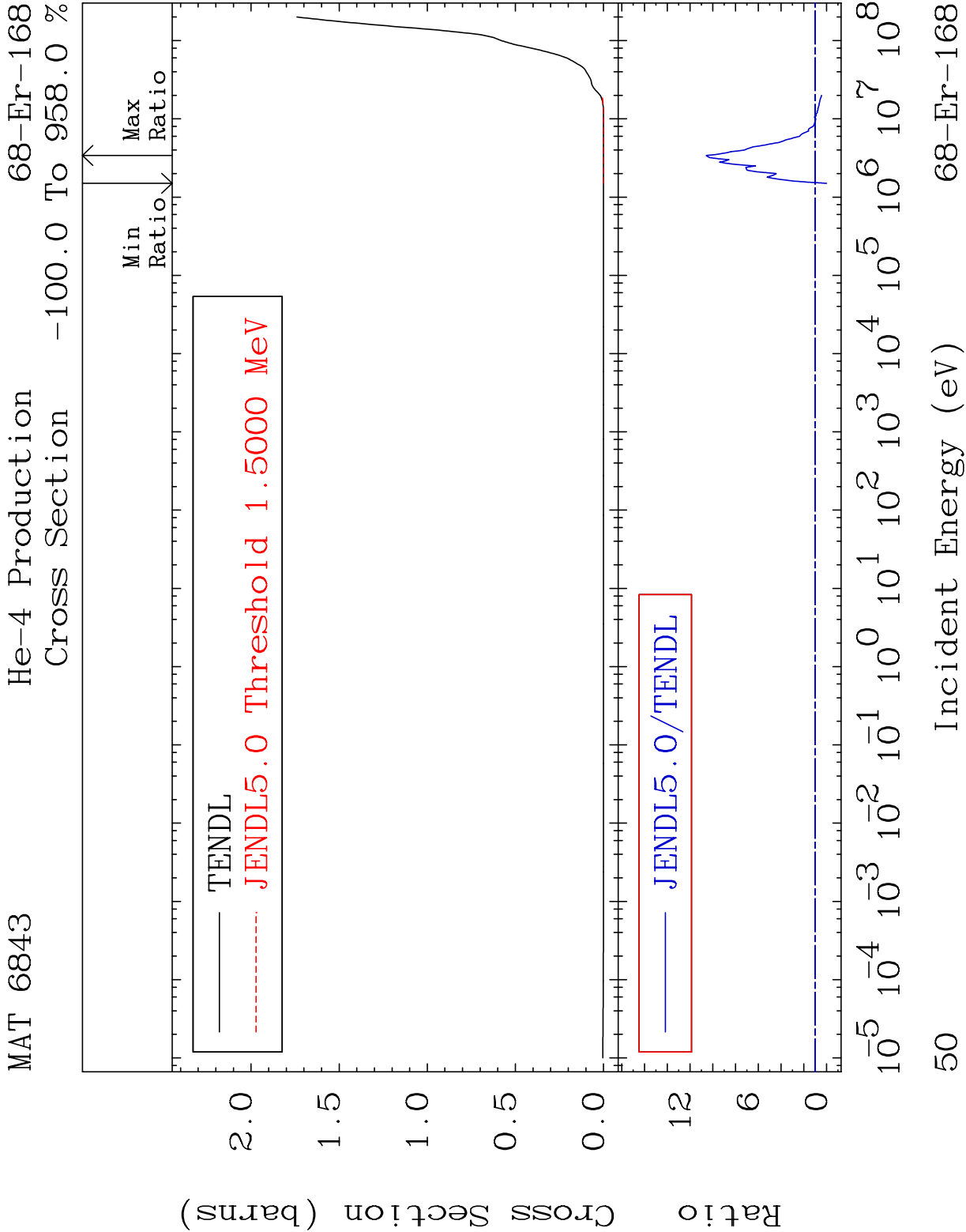


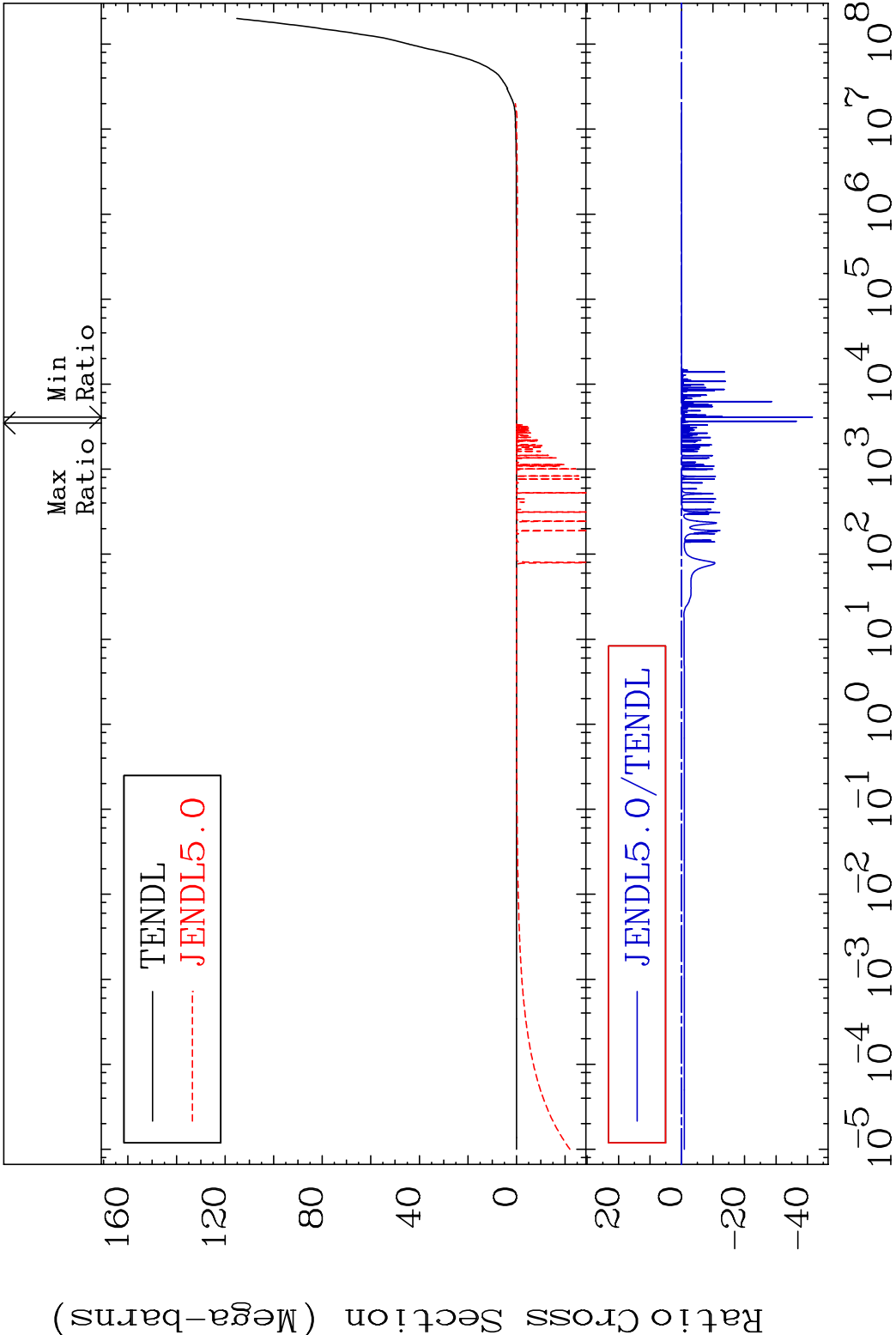




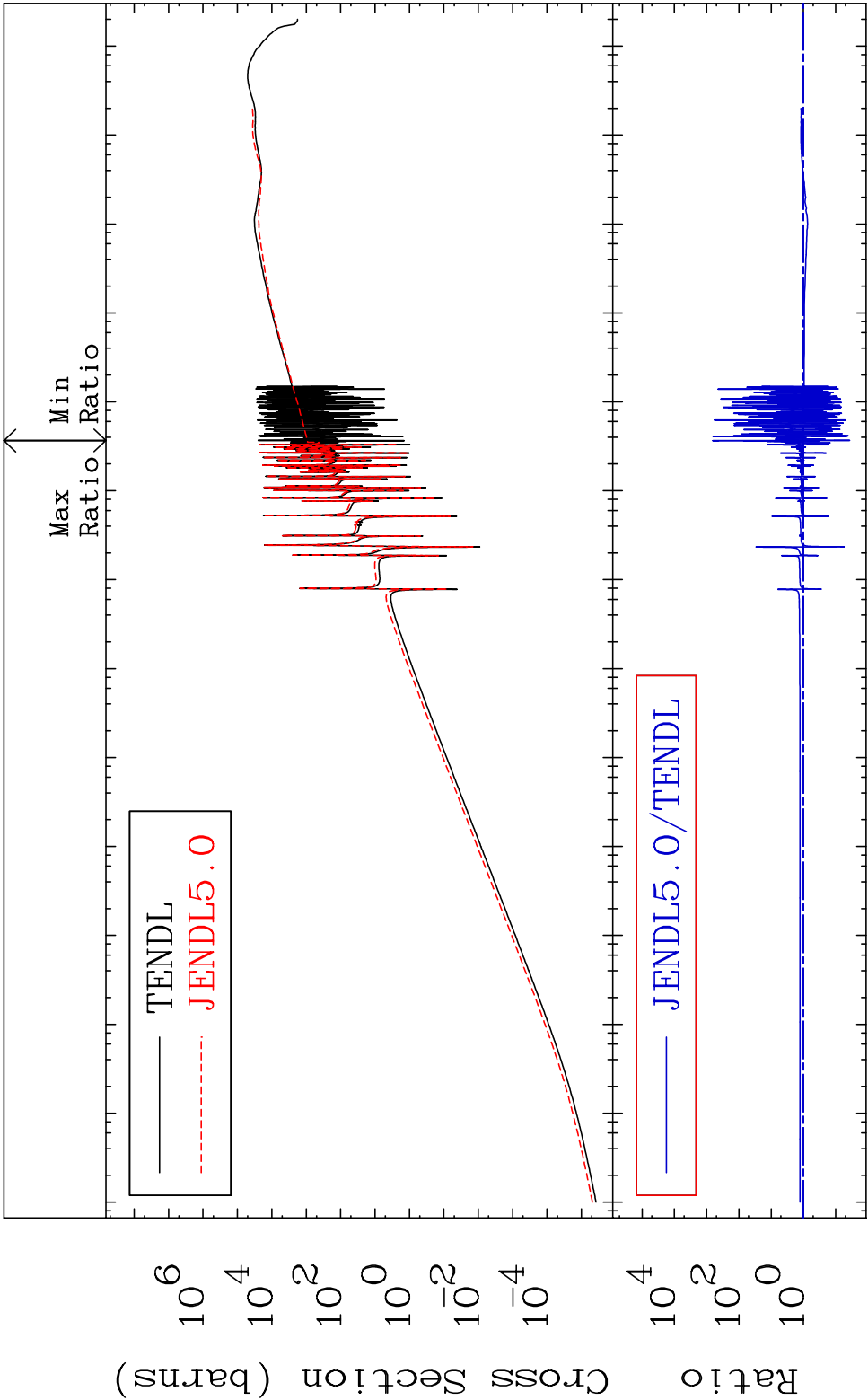








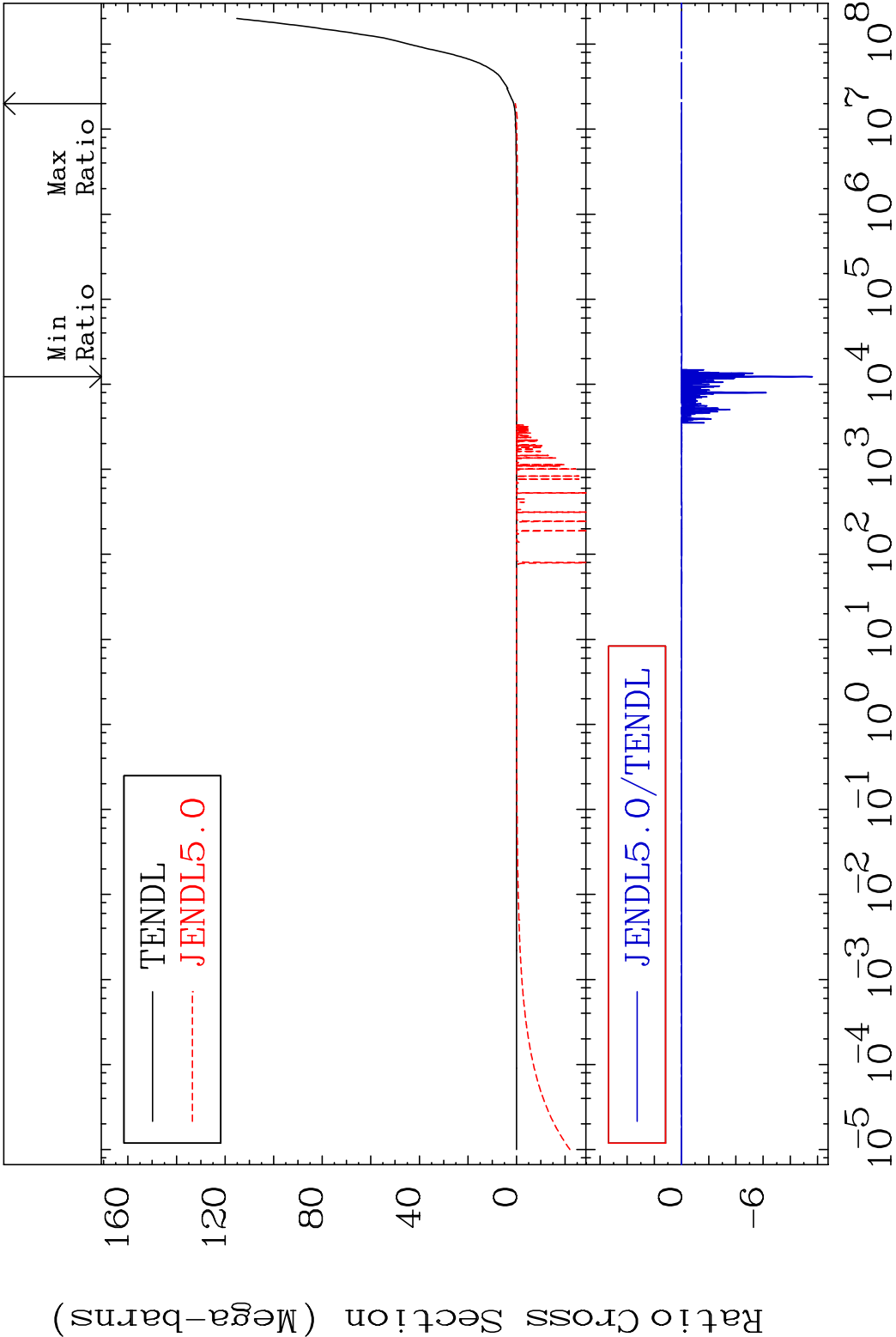
MAT 6843 Kerma elastic 68-Er-168
Cross Section -96.27 To 9999. %



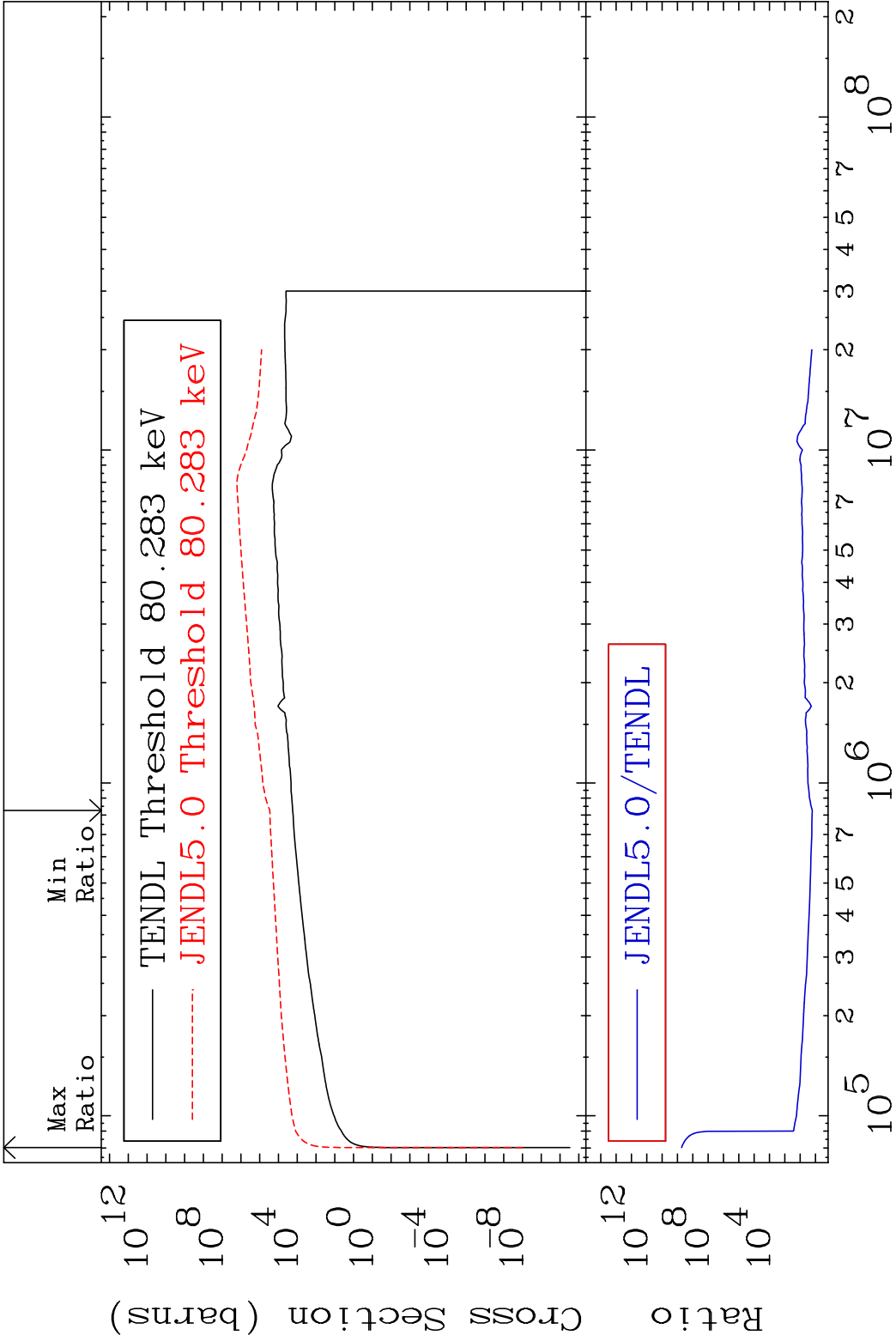
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

52 Incident Energy (eV) 68-Er-168

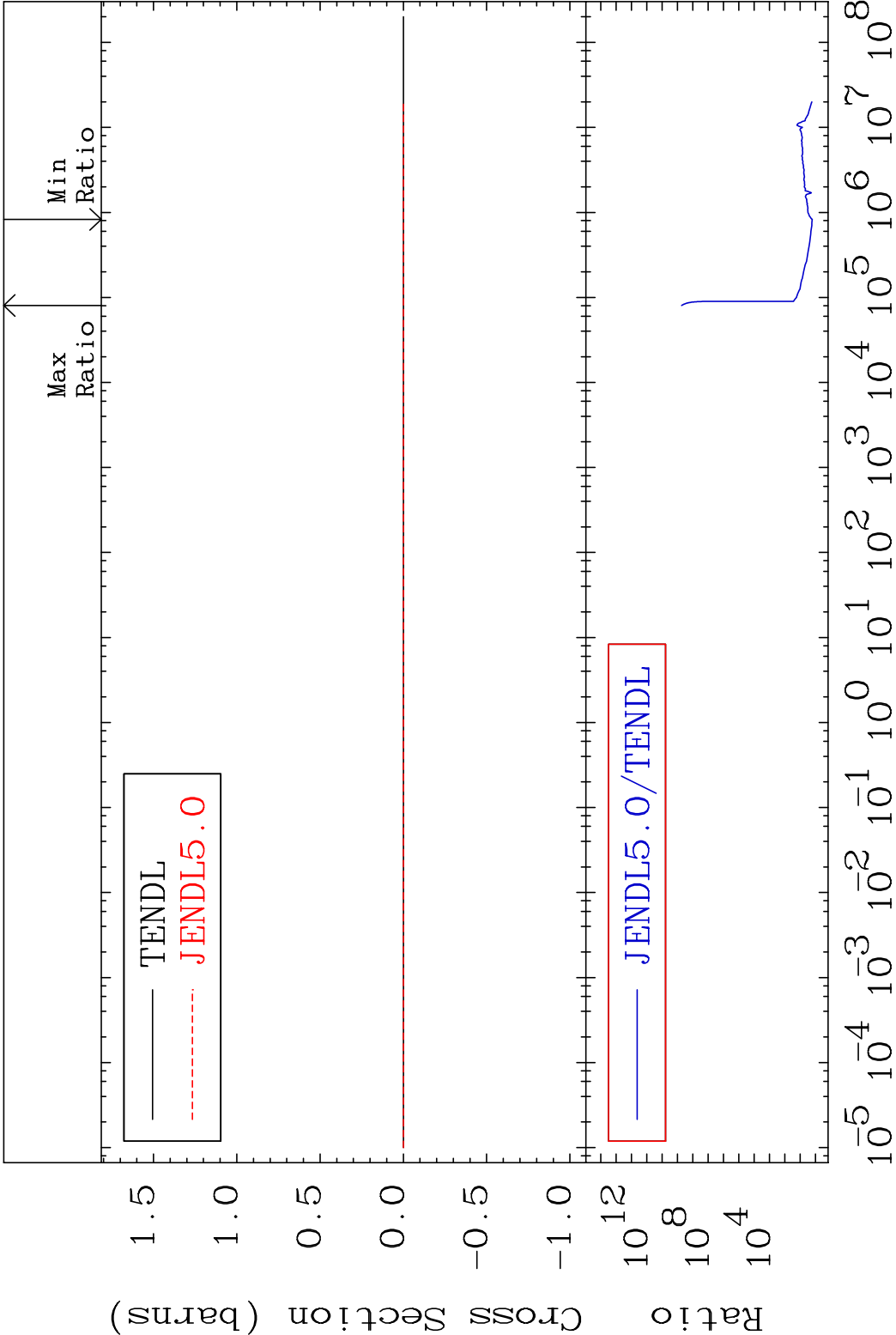
MAT 6843 Kerma non-elastic (all but mt2) 68-Er-168
Cross Section -9999. To -59.28%

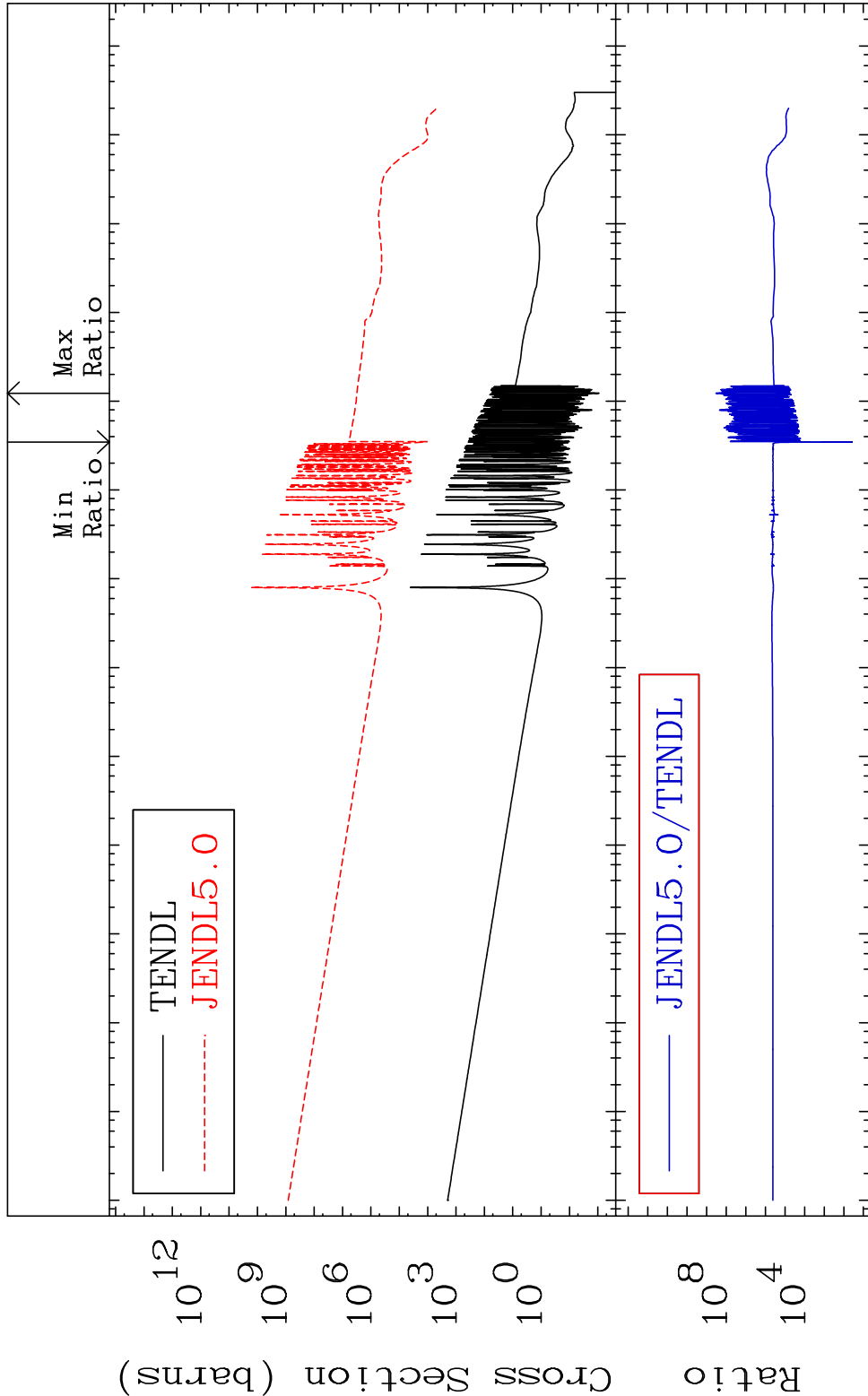


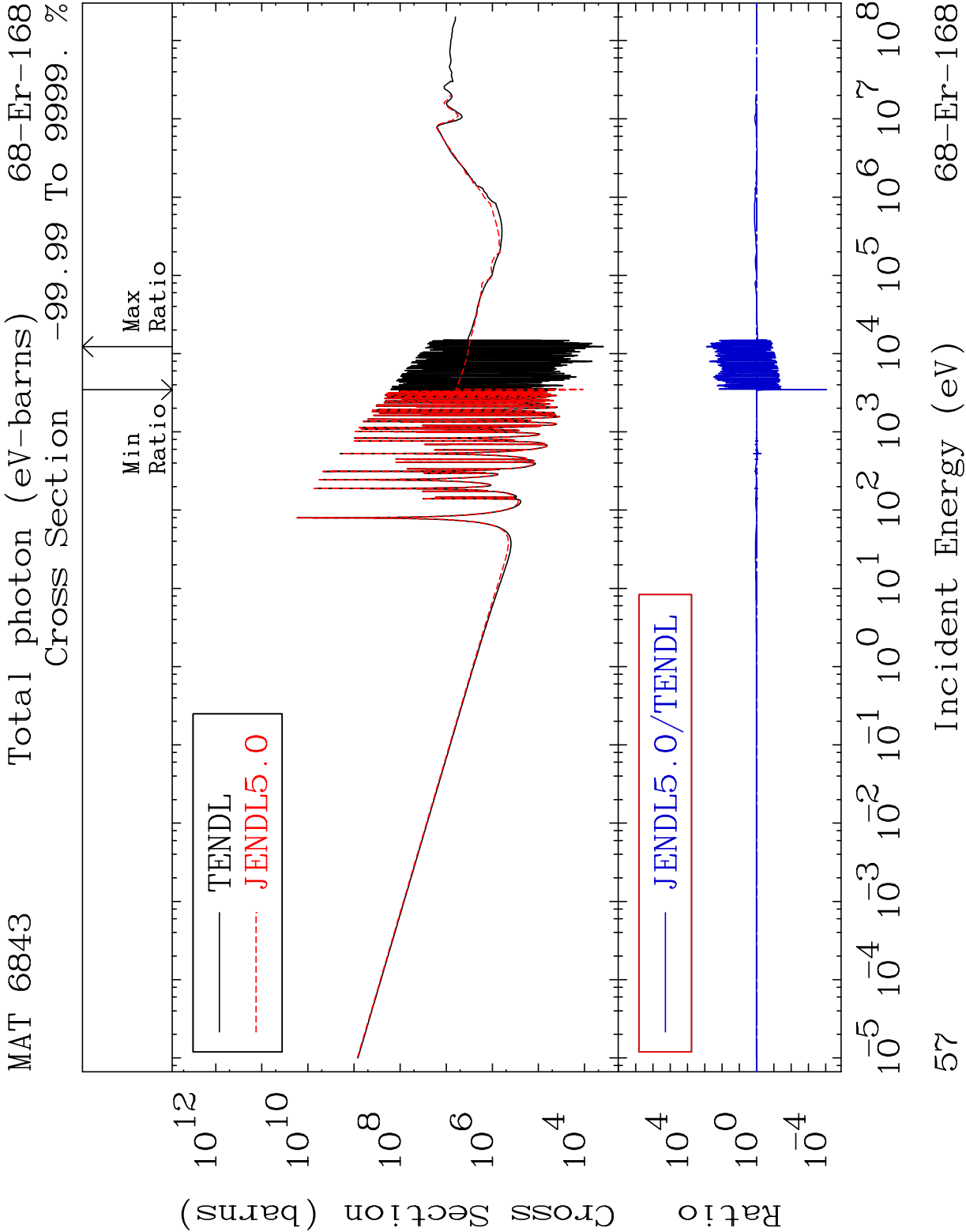
53 Incident Energy (eV) 68-Er-168



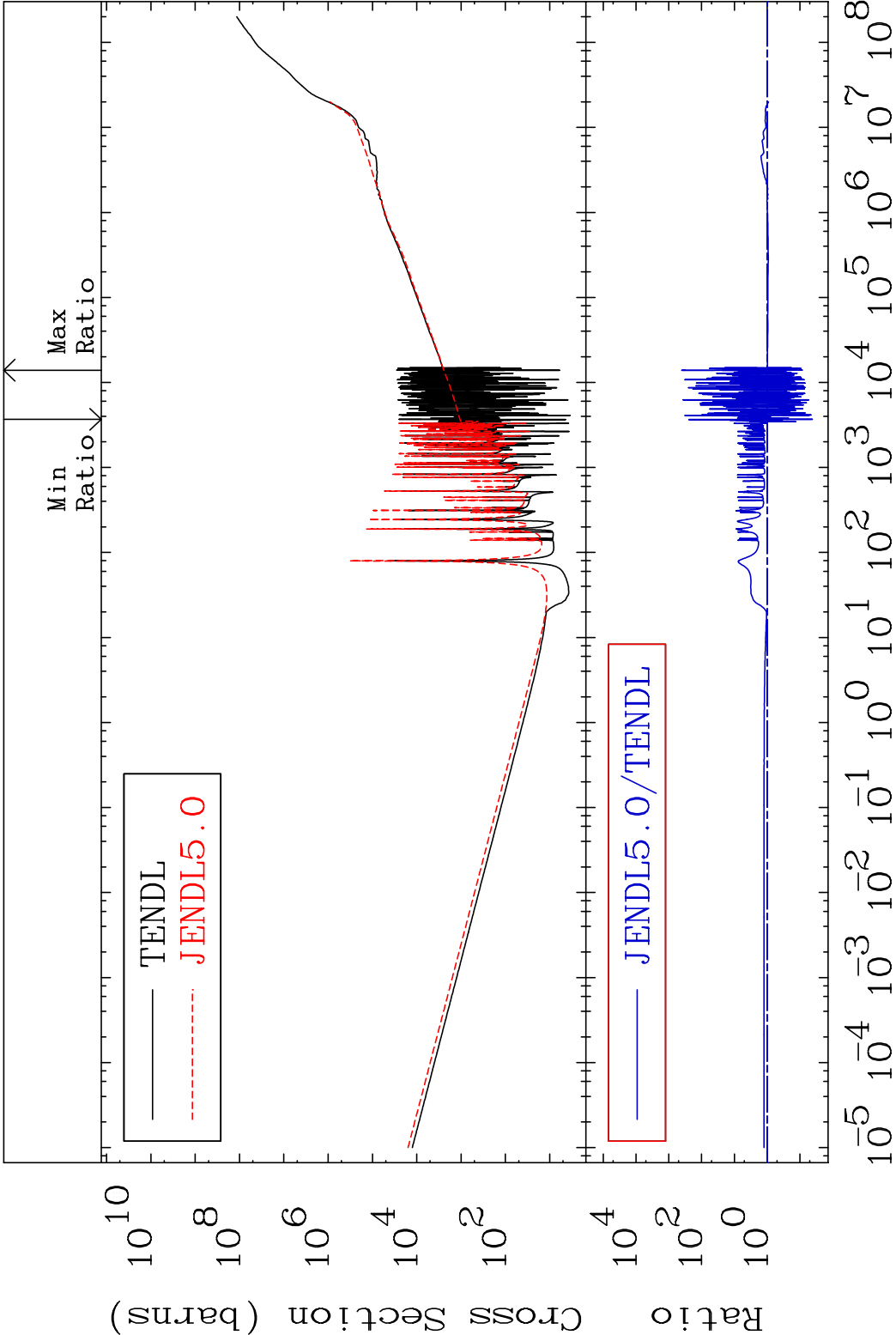
MAT 6843Kerma fission (mt18 or mt19-20-21-38)68-Er-168
Cross Section 1550. To 9999. %



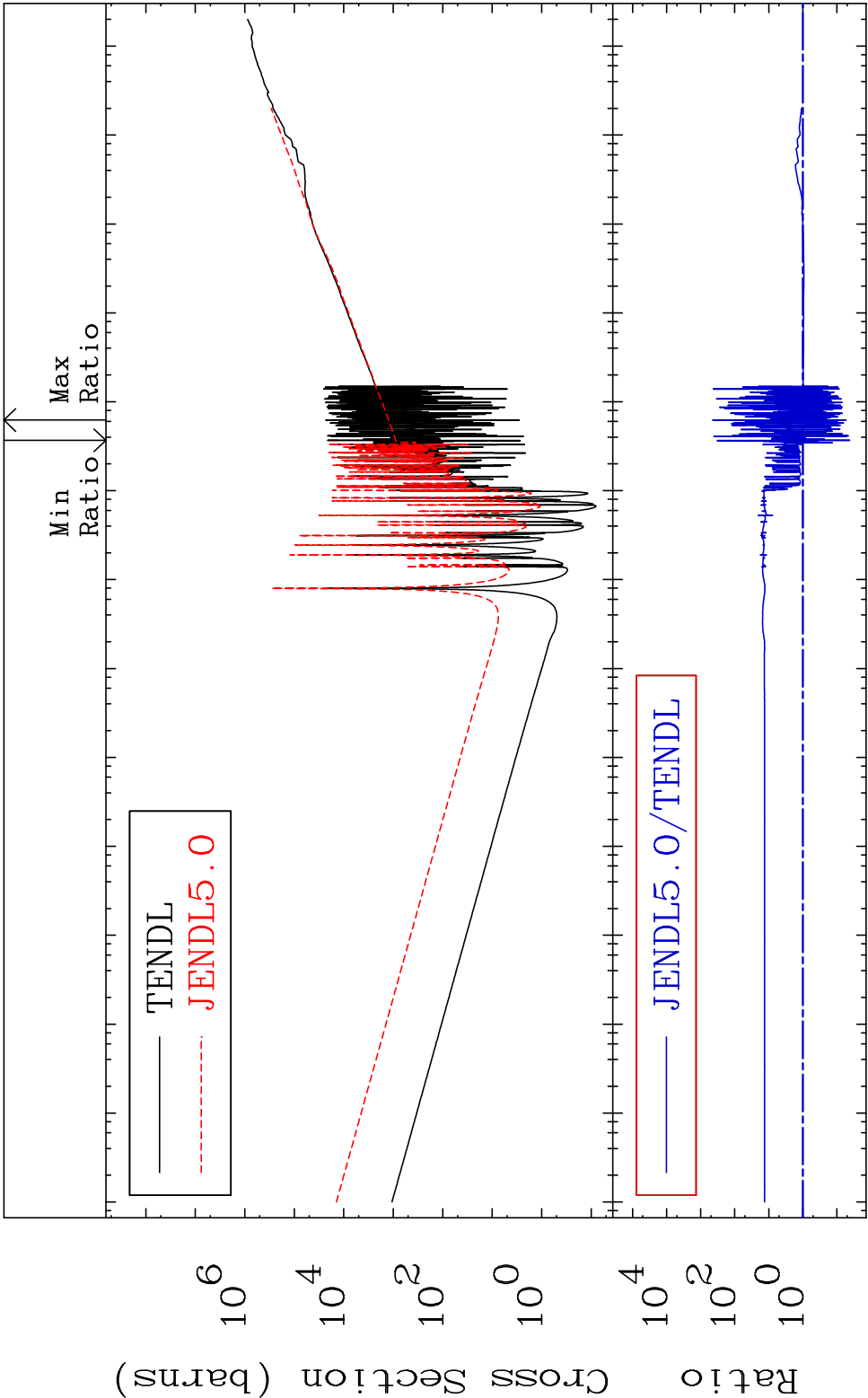




MAT 6843 Total kinematic kerma (high limit) 68-Er-168
Cross Section -95.77 To 9999. %



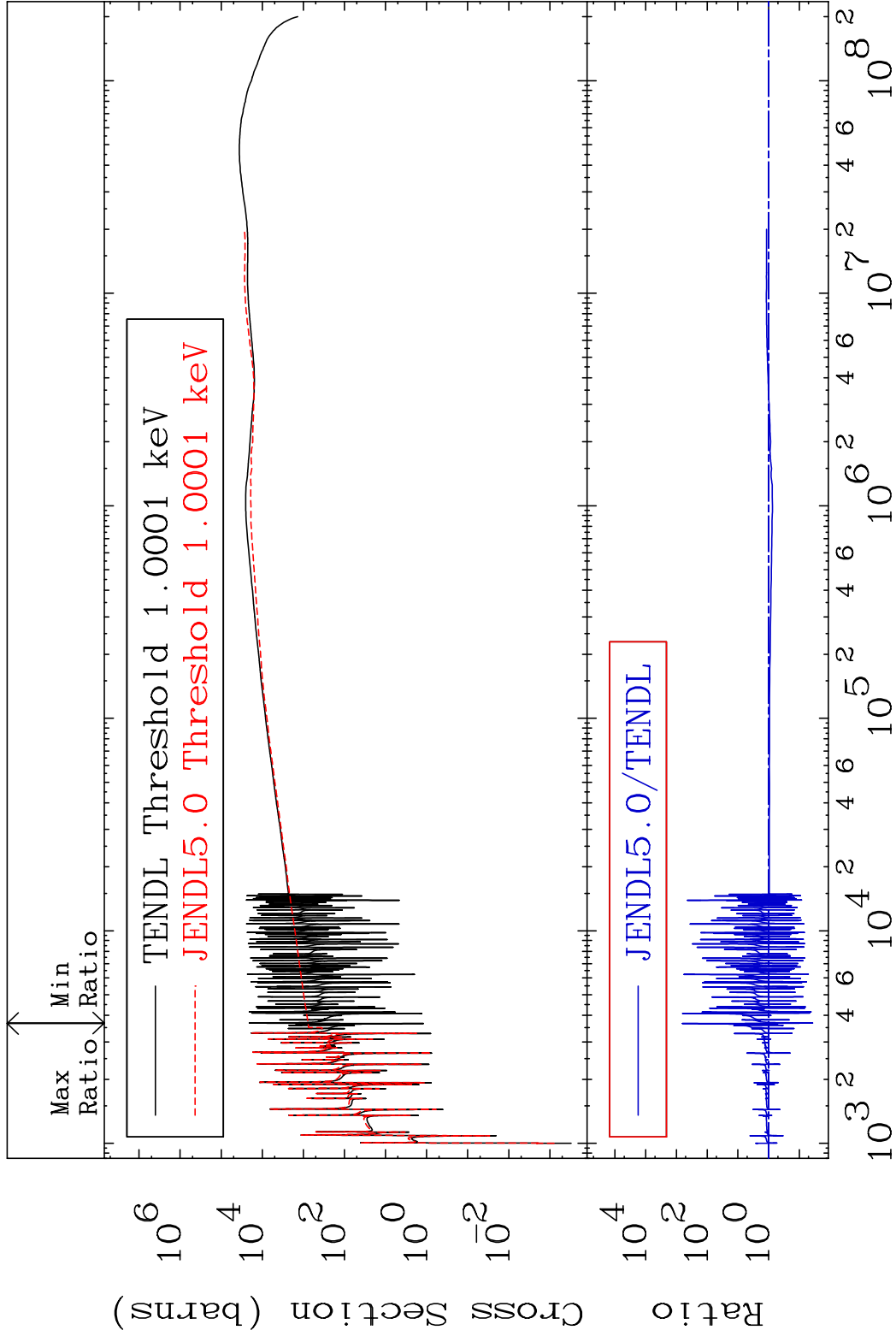
MAT 6843 Dpa total (eV-barns) 68-Er-168
Cross Section -95.74 To 9999. %



10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

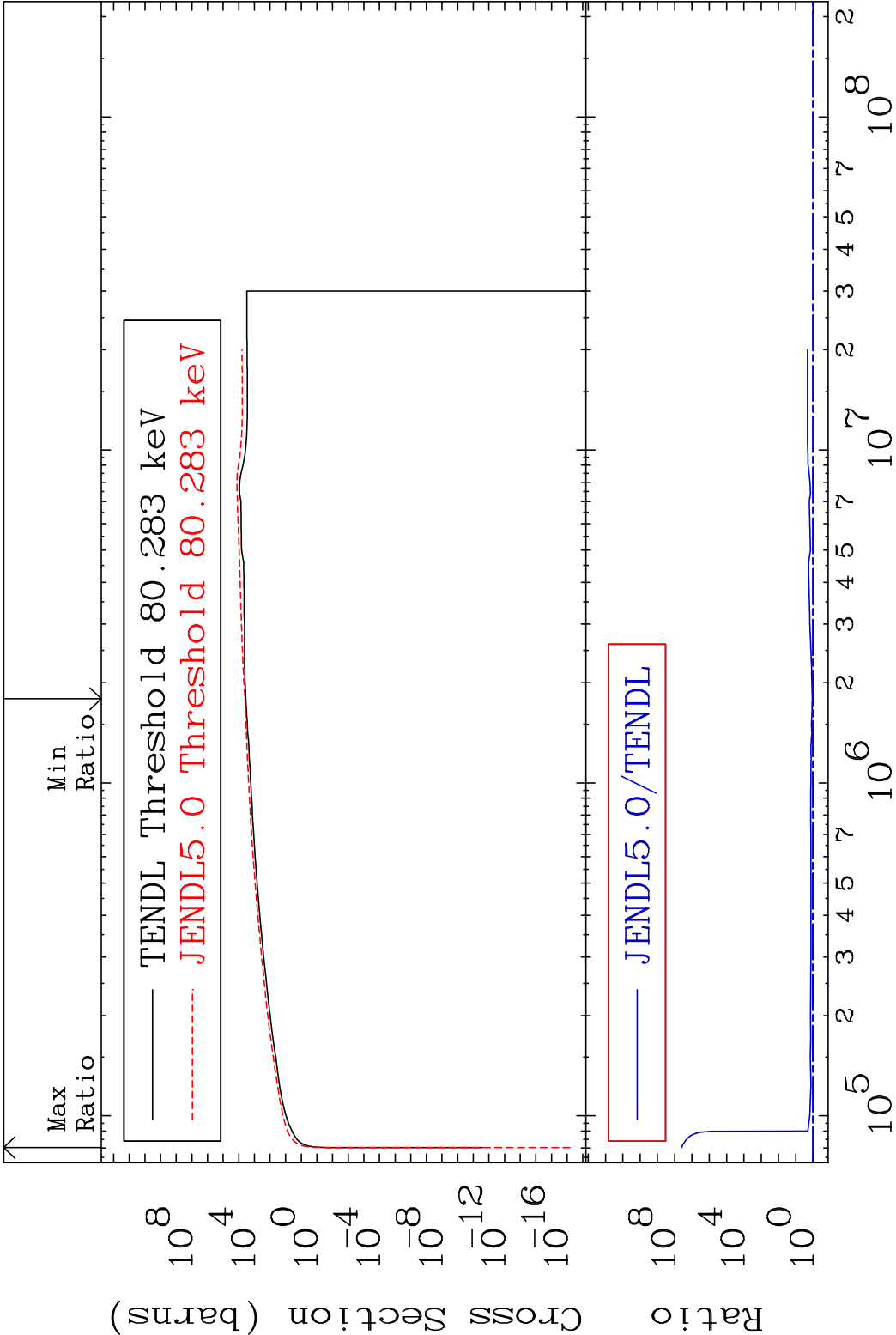
59 Incident Energy (eV) 68-Er-168

MAT 6843 Dpa elastic (mt2) 68-Er-168
Cross Section -96.29 To 9999. %



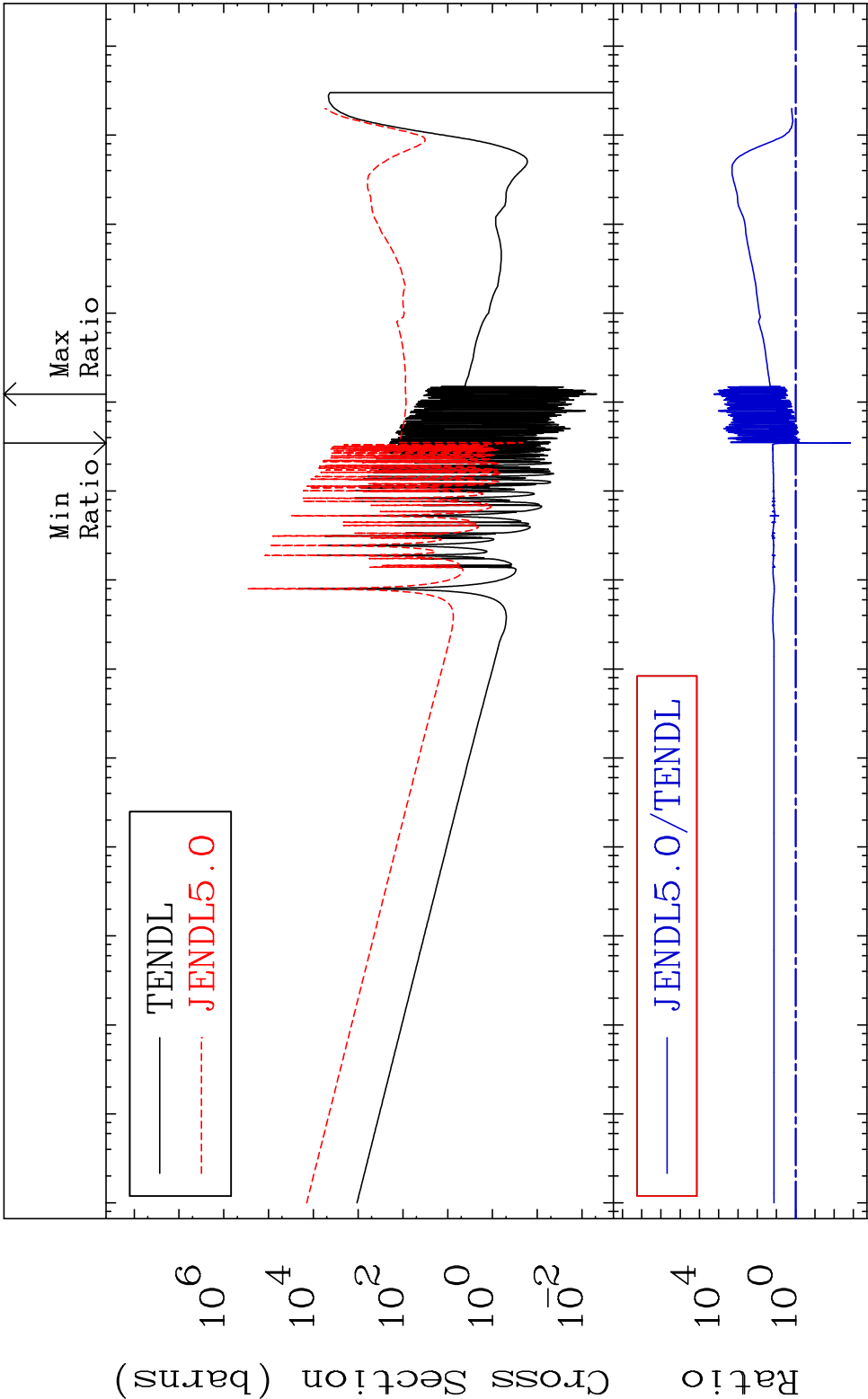
60 Incident Energy (eV) 68-Er-168

MAT 6843 Dpa inelastic (mt51-91) 68-Er-168
Cross Section 11.93 To 9999. %

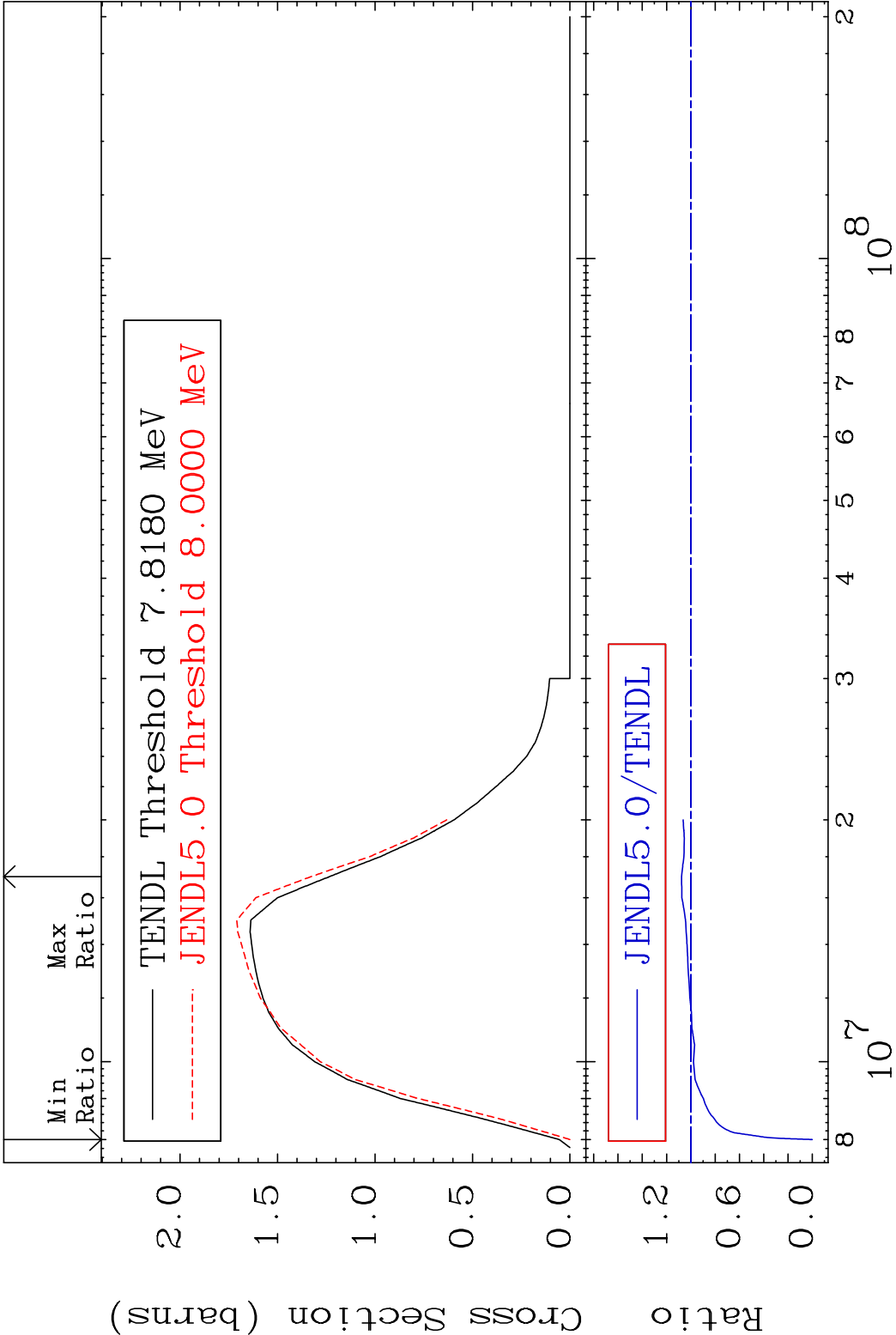


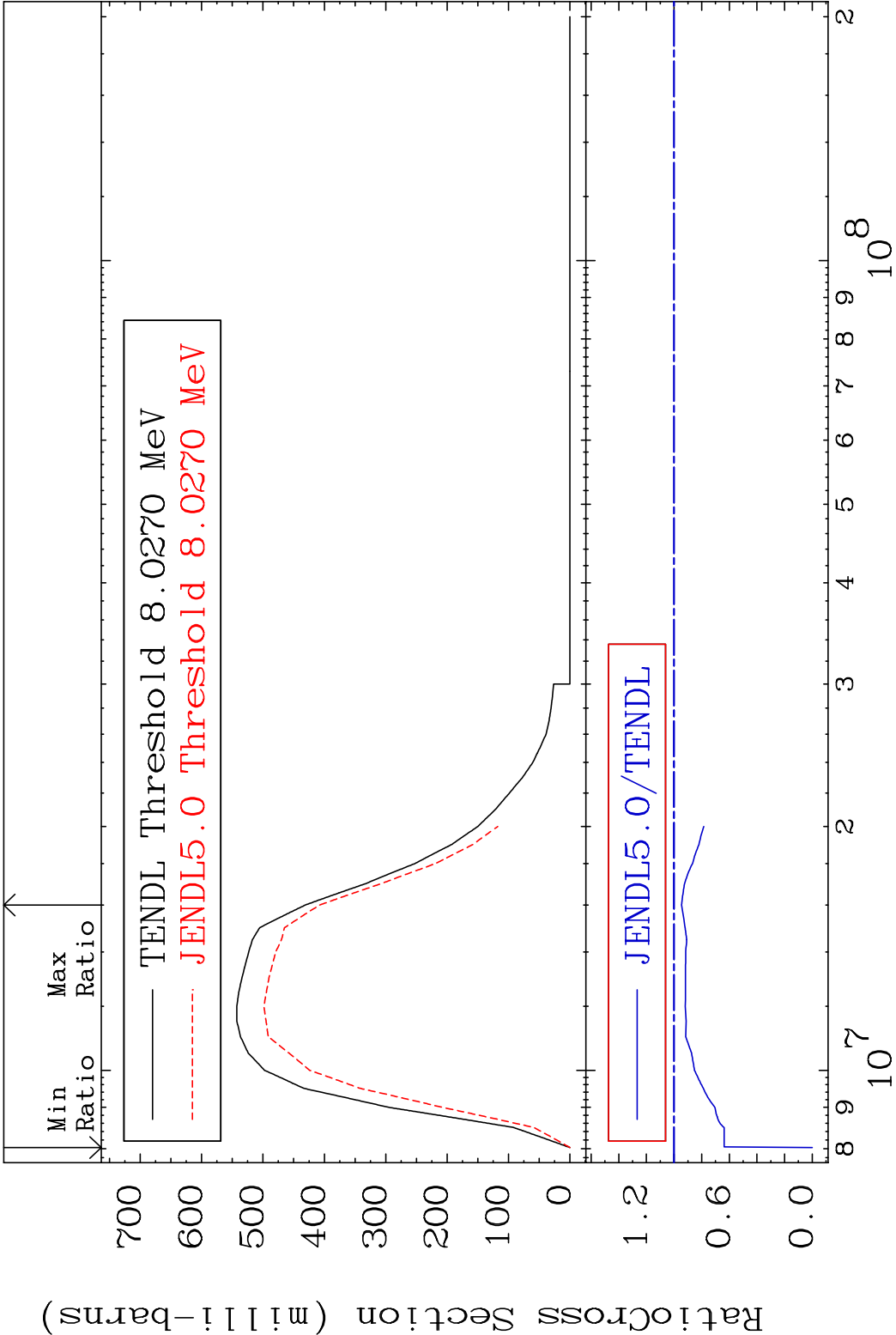
61 Incident Energy (eV) 68-Er-168

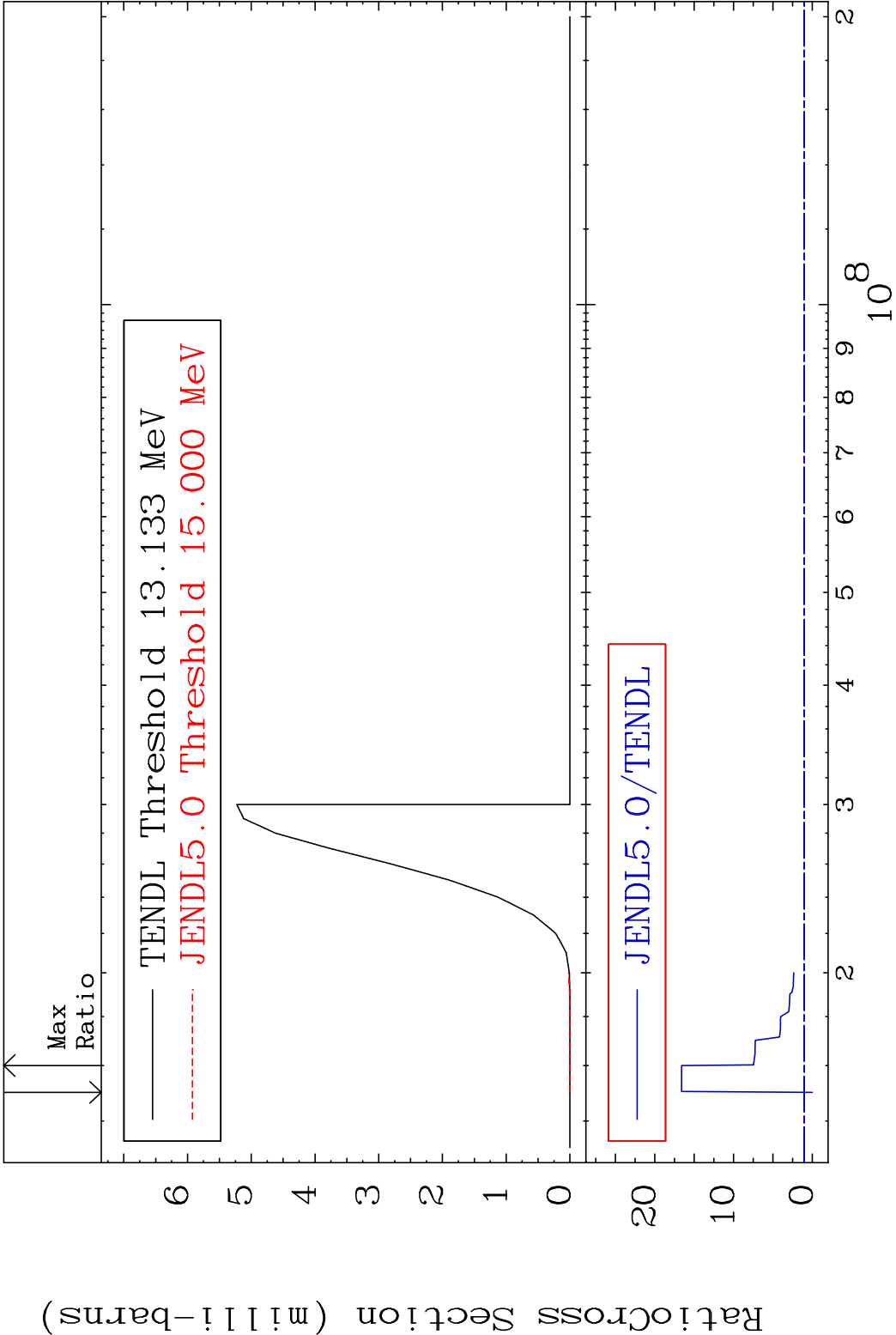
MAT 6843 Dpa disappearance (mt102 -120) 68-Er-168
Cross Section -99.86 To 9999. %

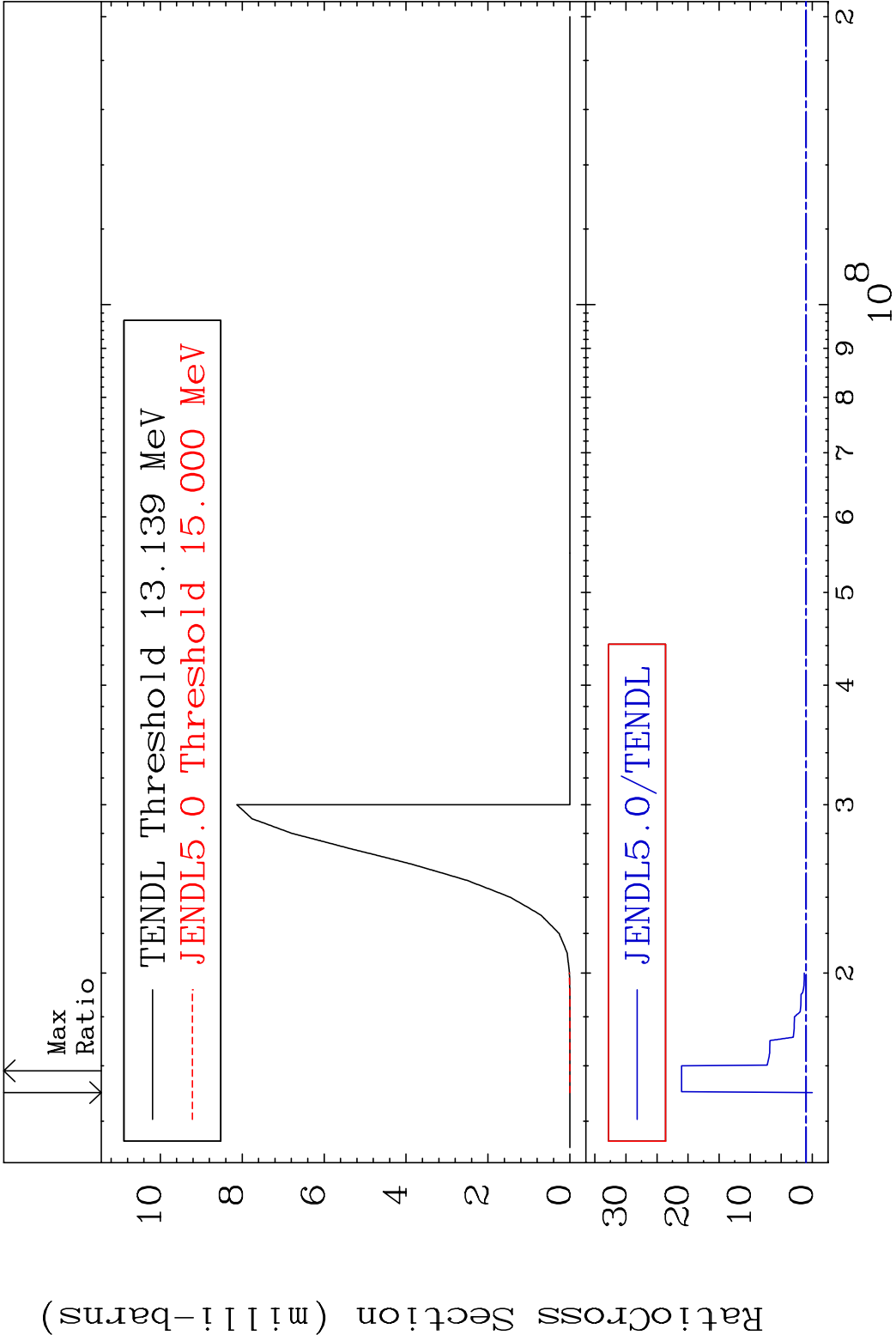


62 Incident Energy (eV) 68-Er-168

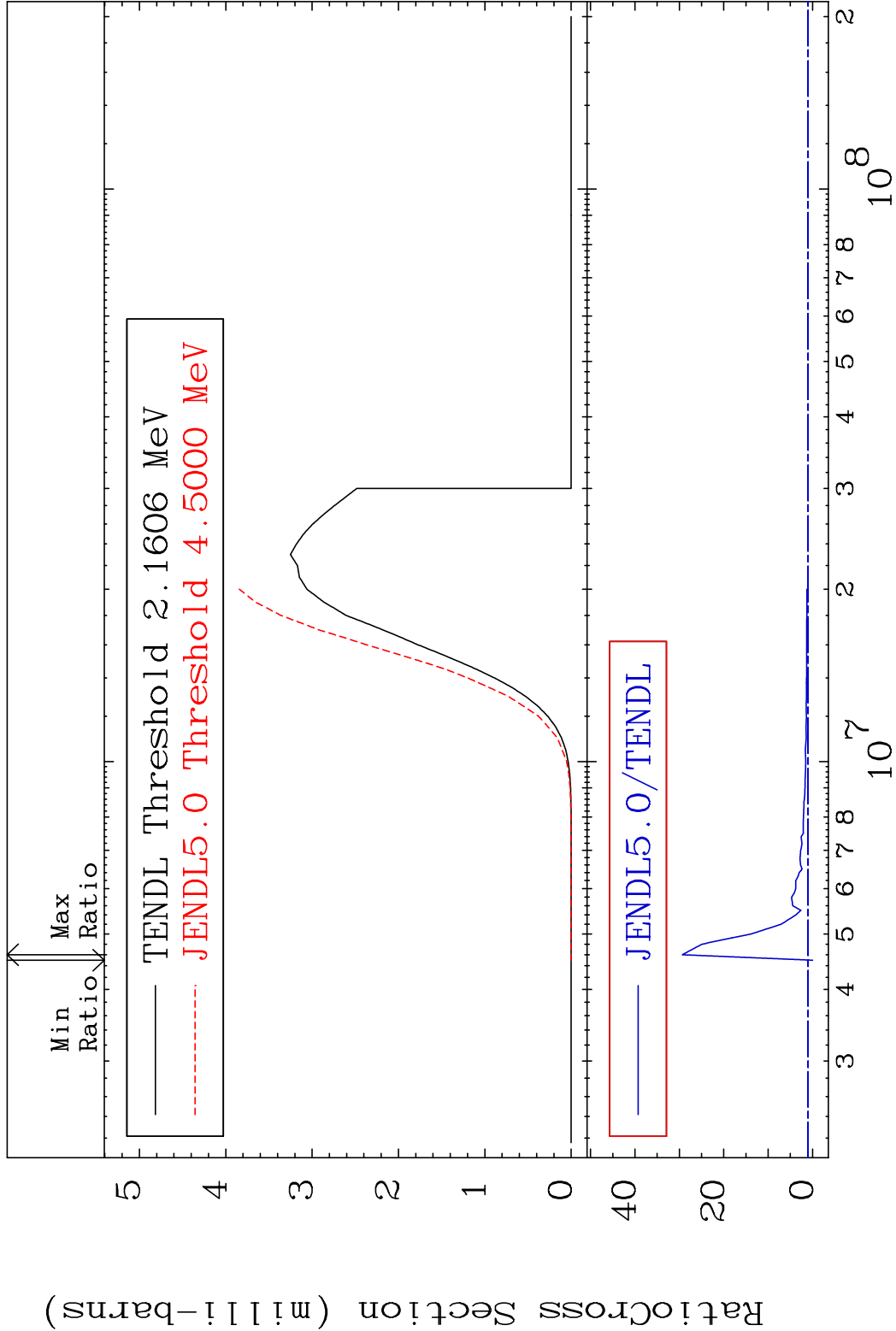


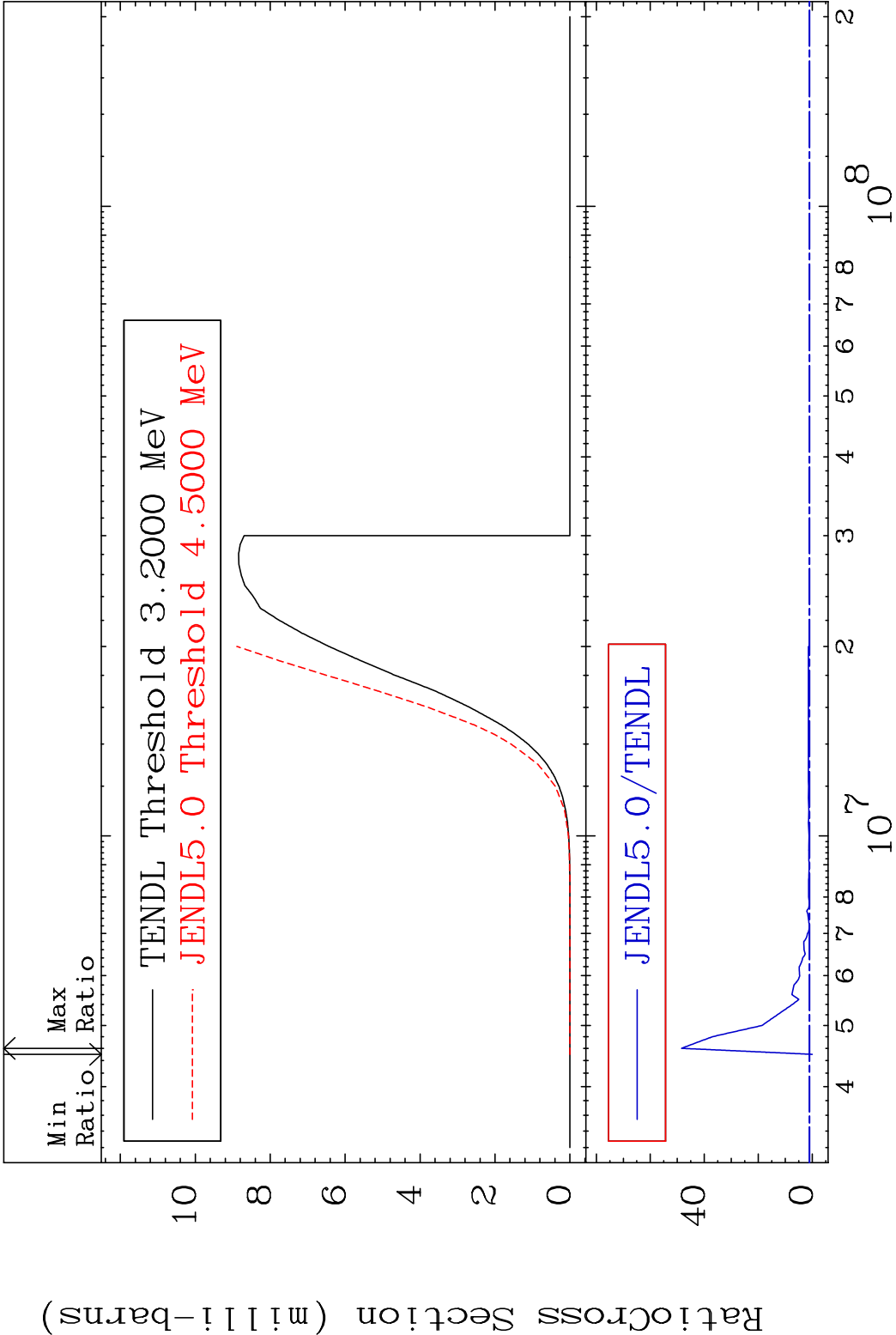


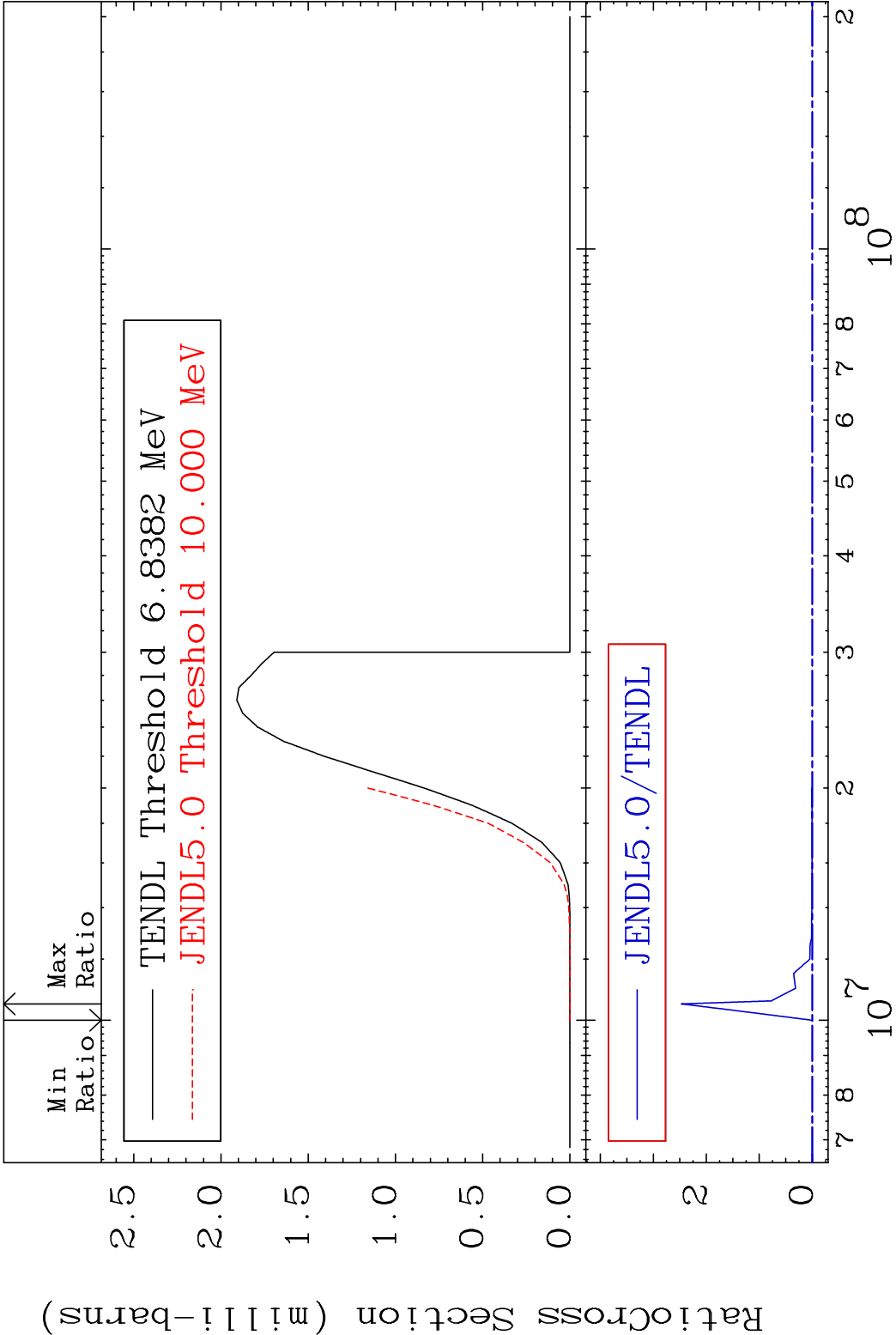


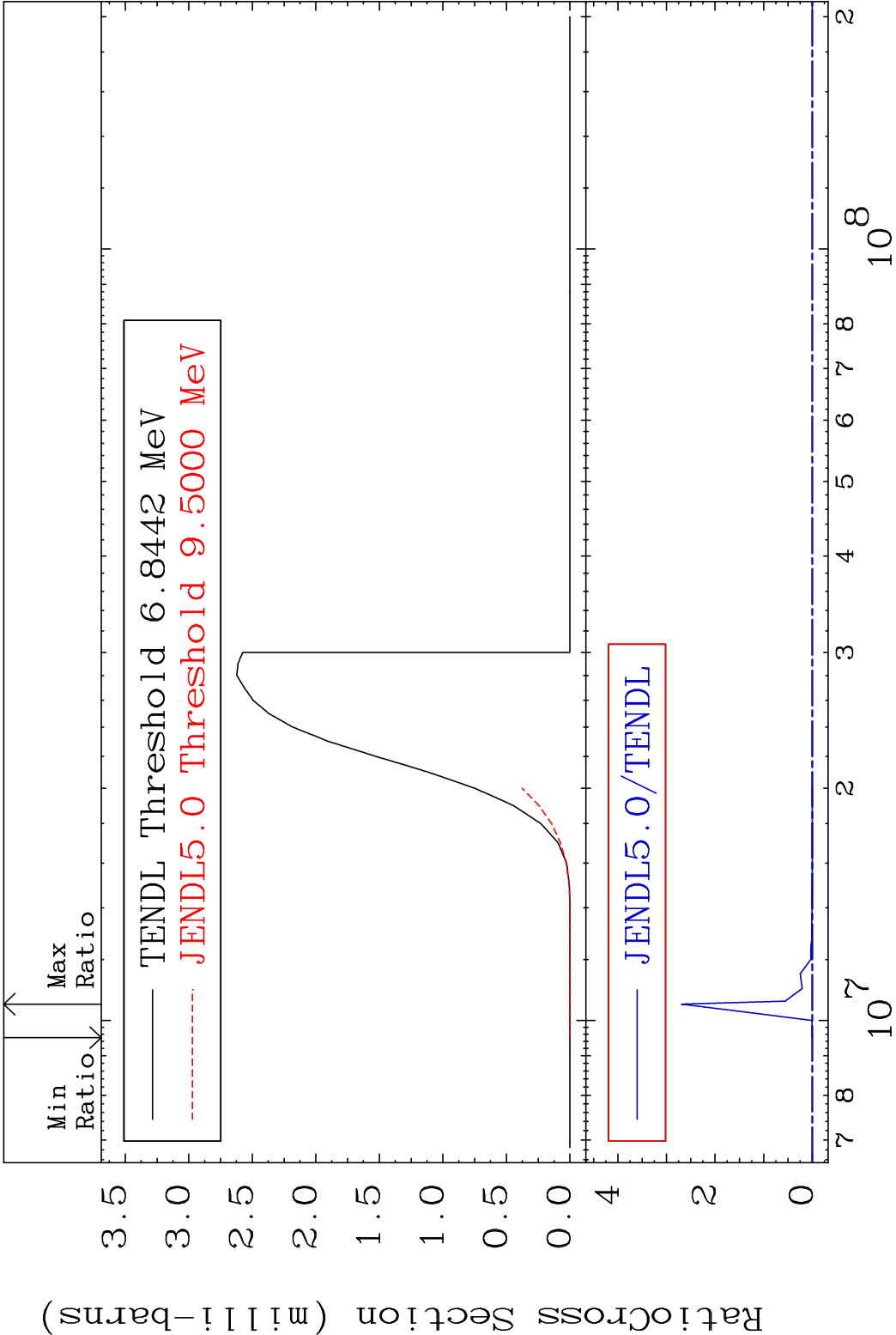


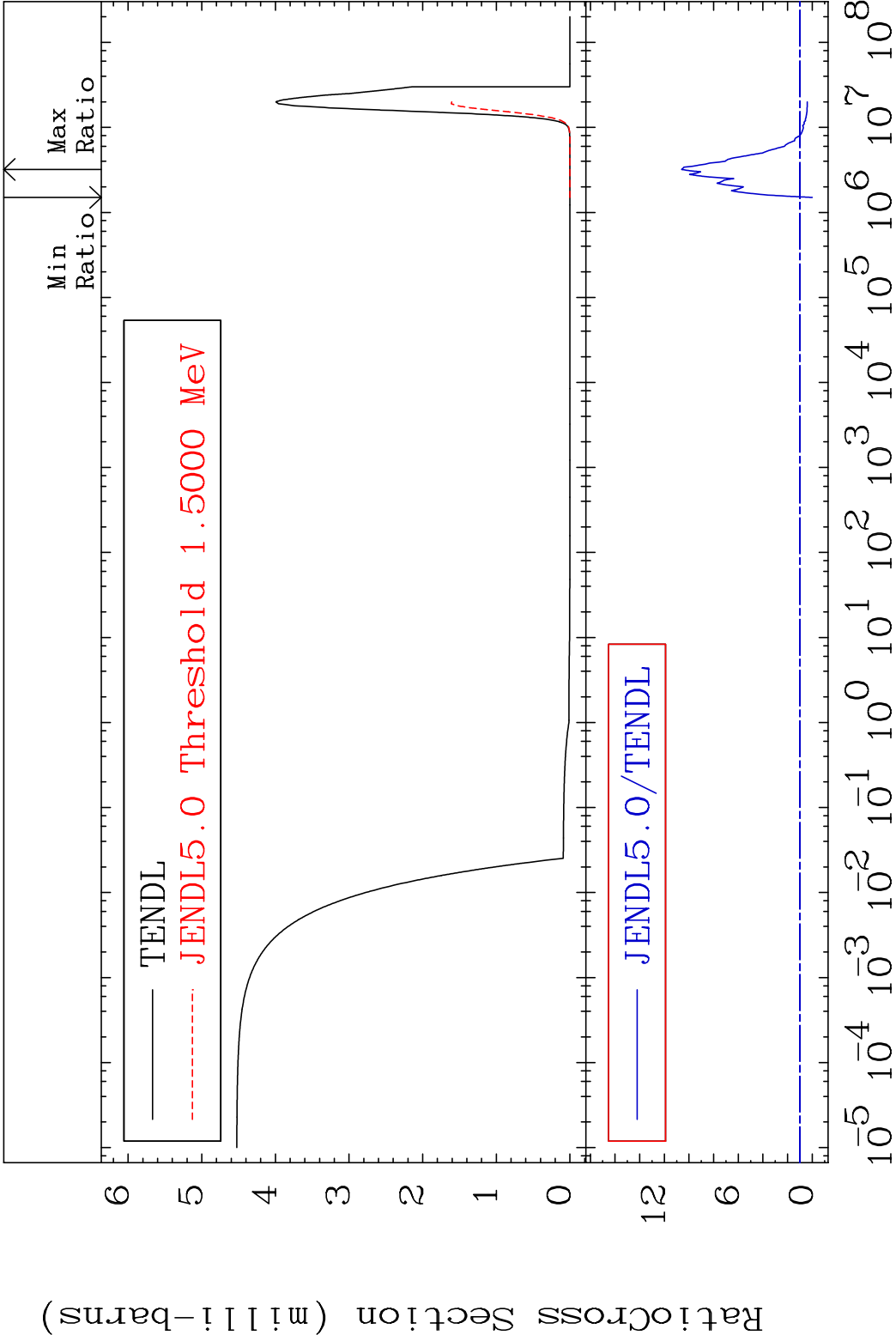
Radionuclide Production Cross Section (mb)

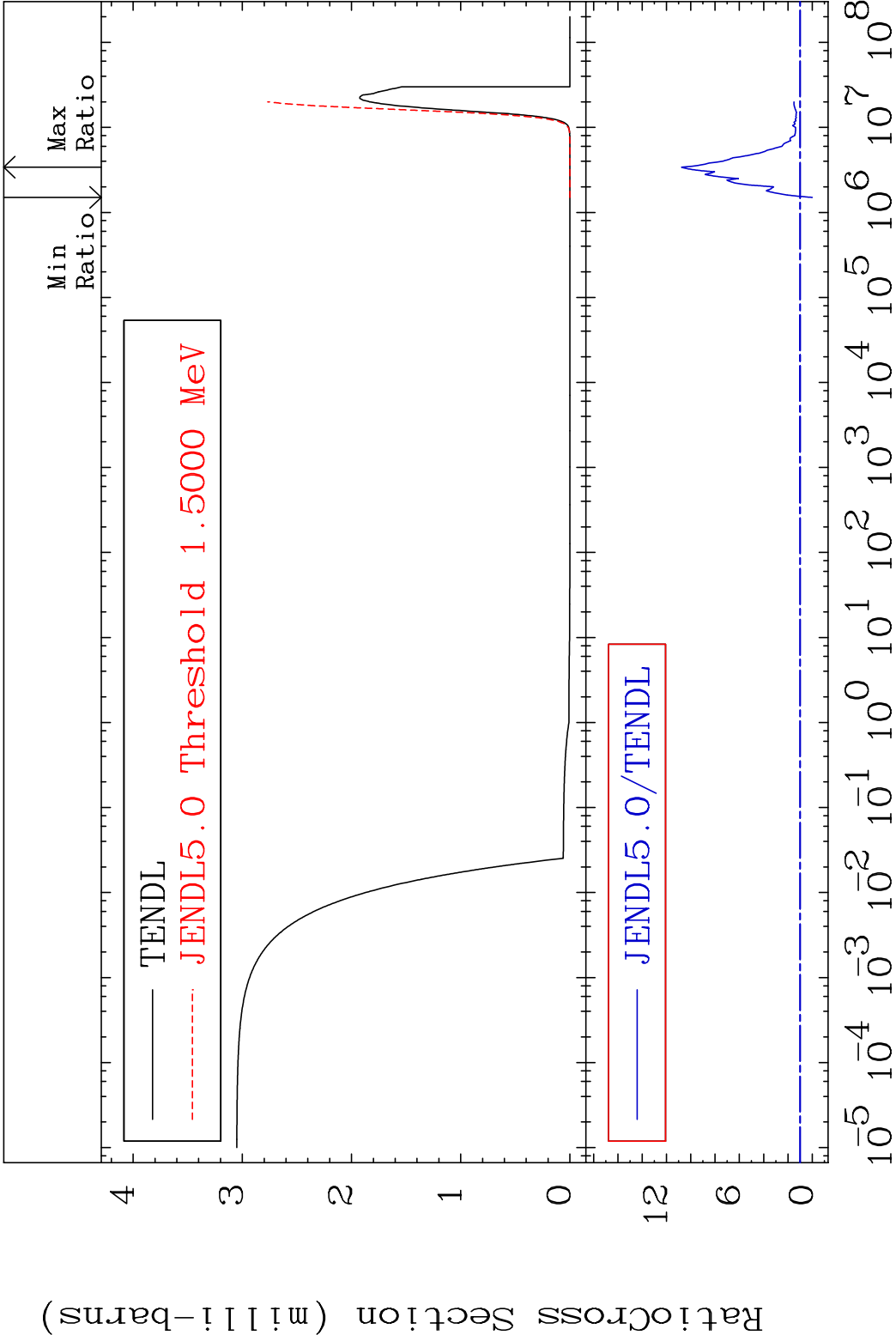




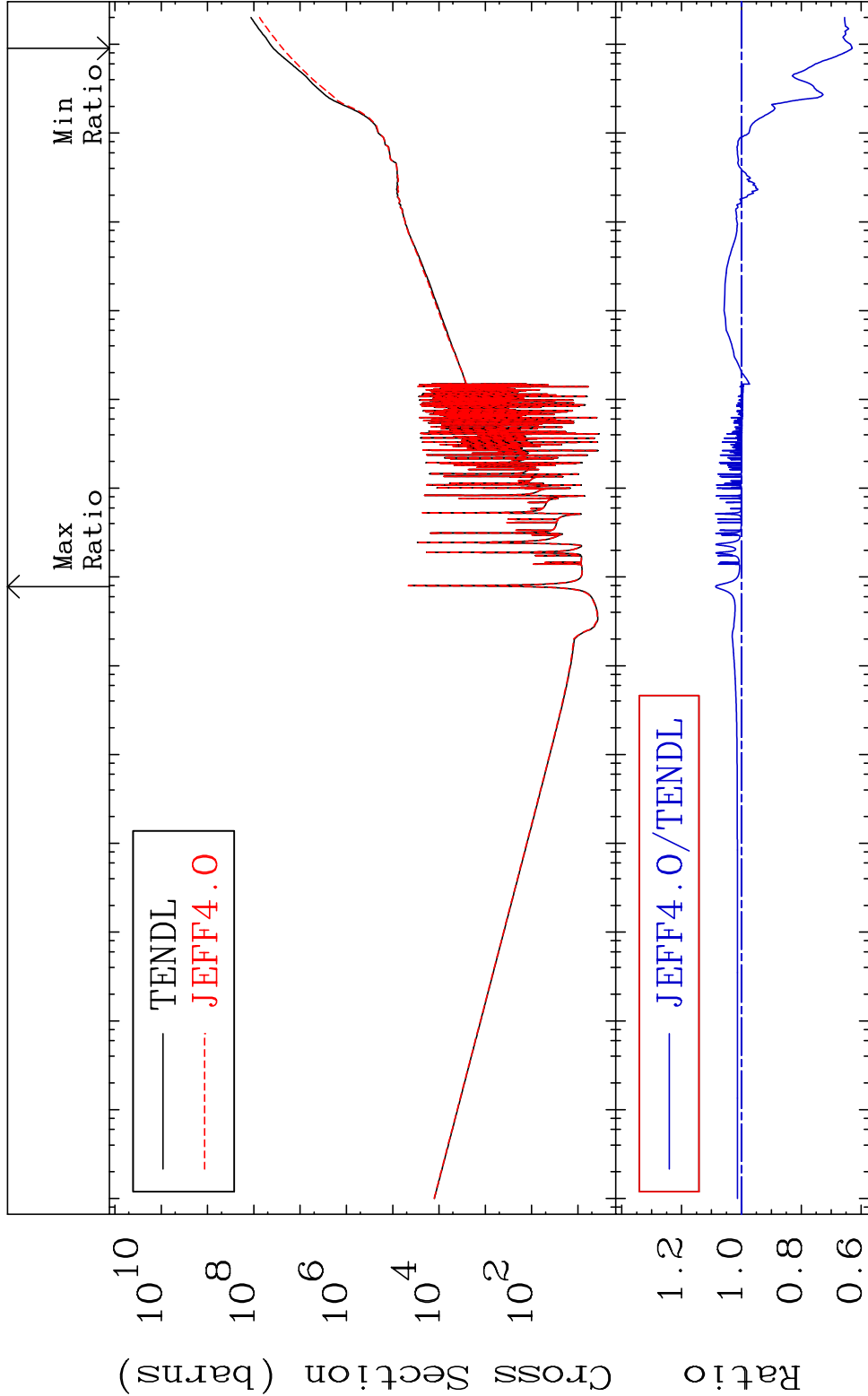






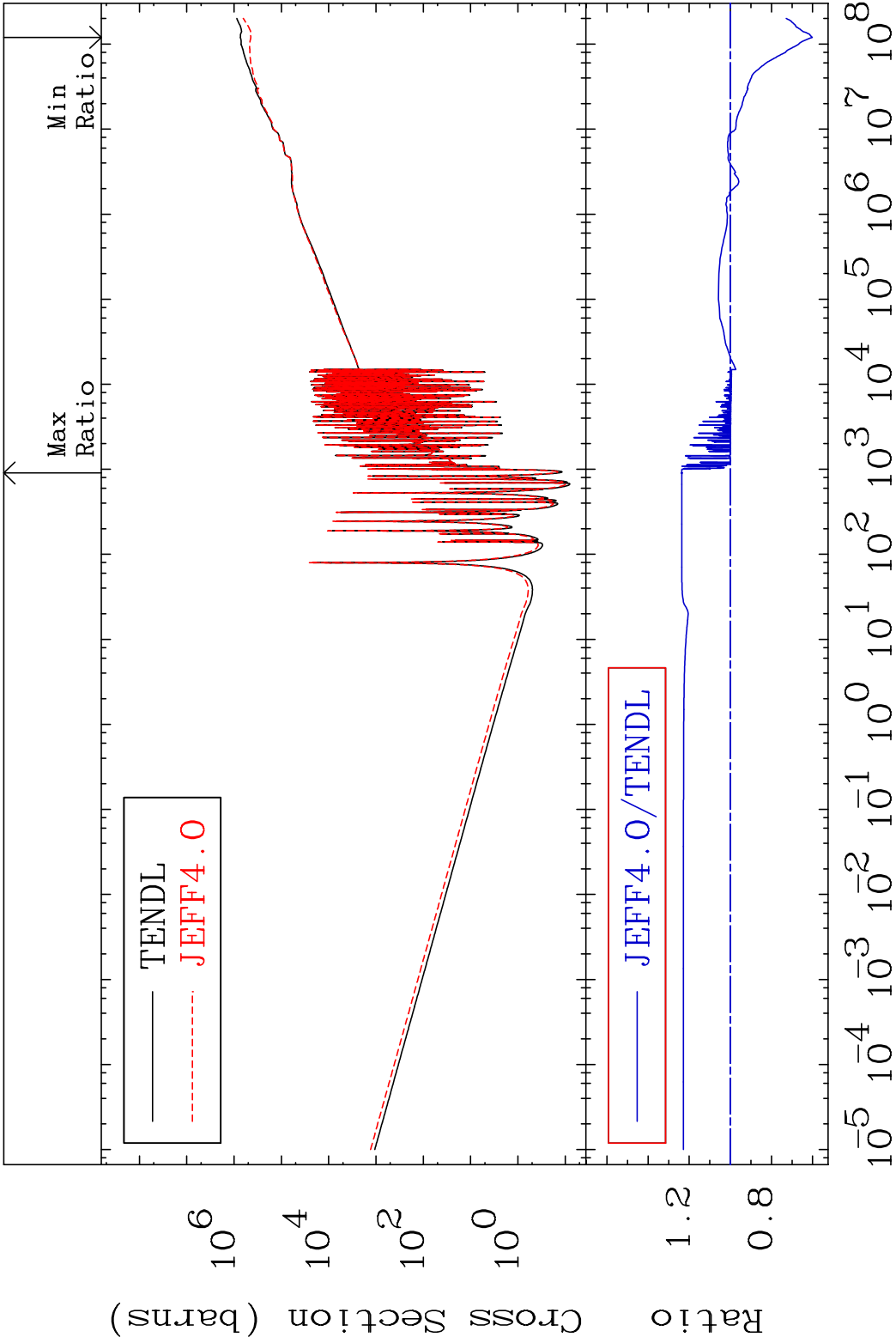


MAT 6843 Total kinematic kerma (high limit) 68-Er-168
Cross Section -37.02 To 8.610 %

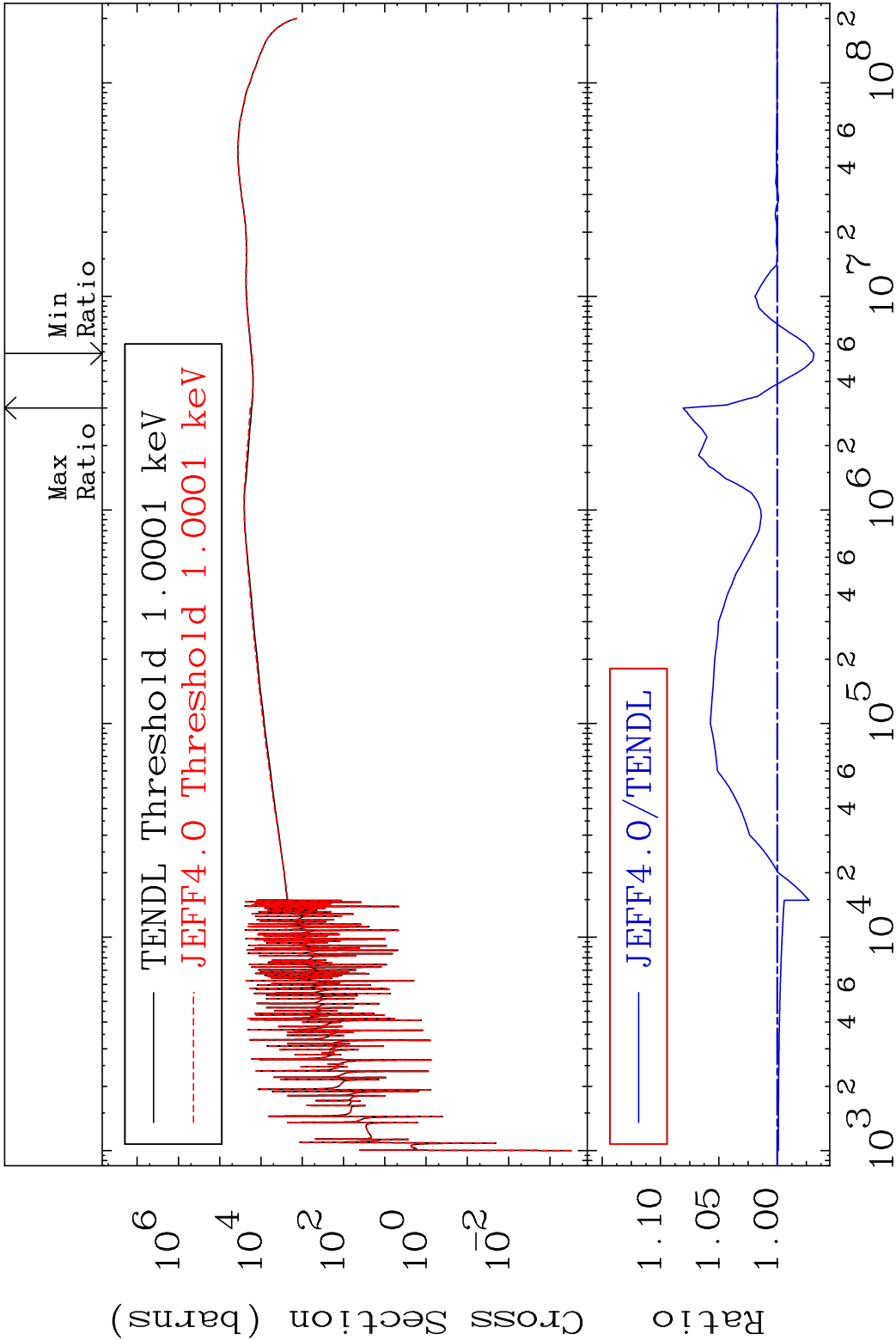


73 Incident Energy (eV) 68-Er-168

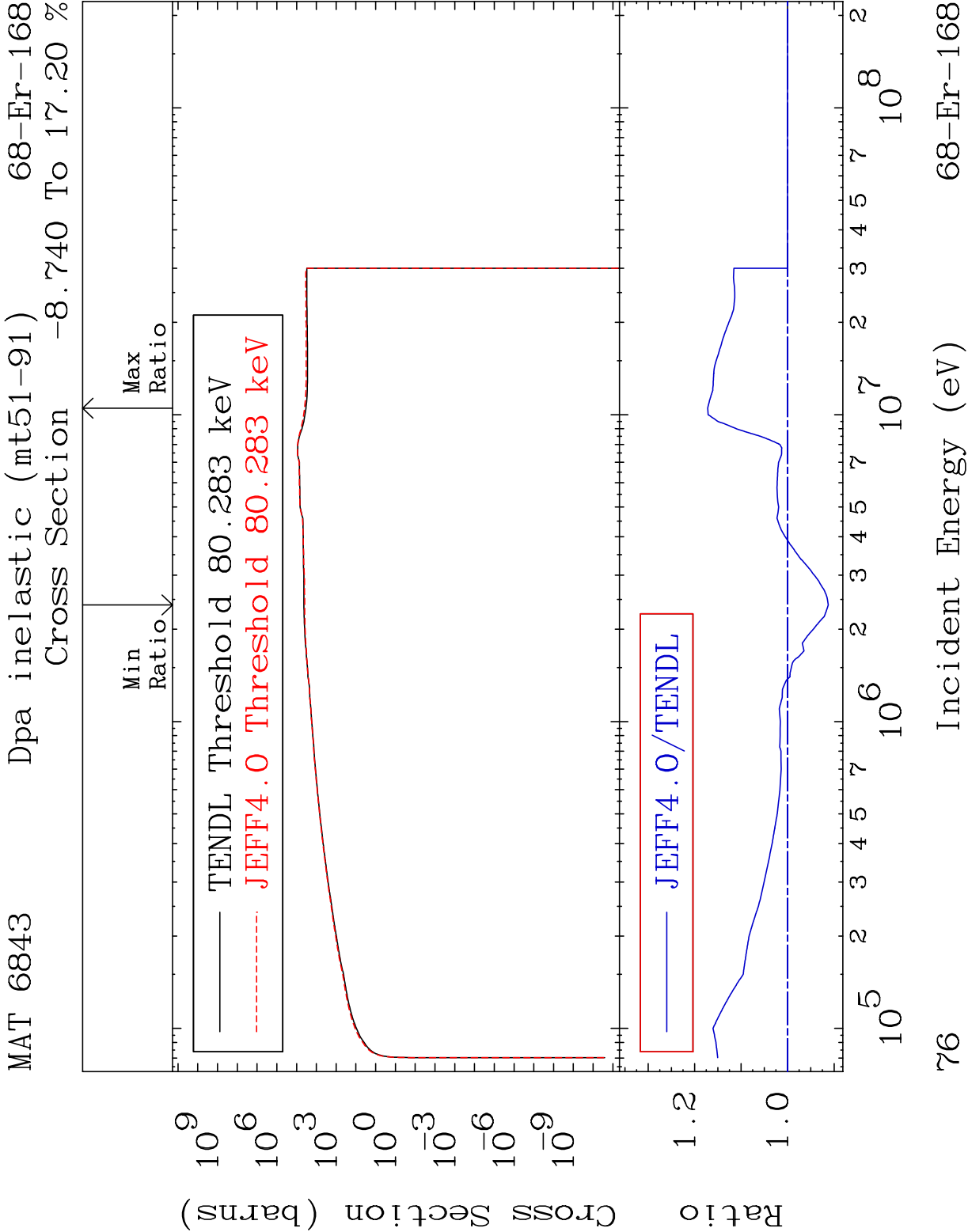
MAT 6843	Dpa total (eV-barns)	68-Er-168
	Cross Section	-39.82 To 23.74 %



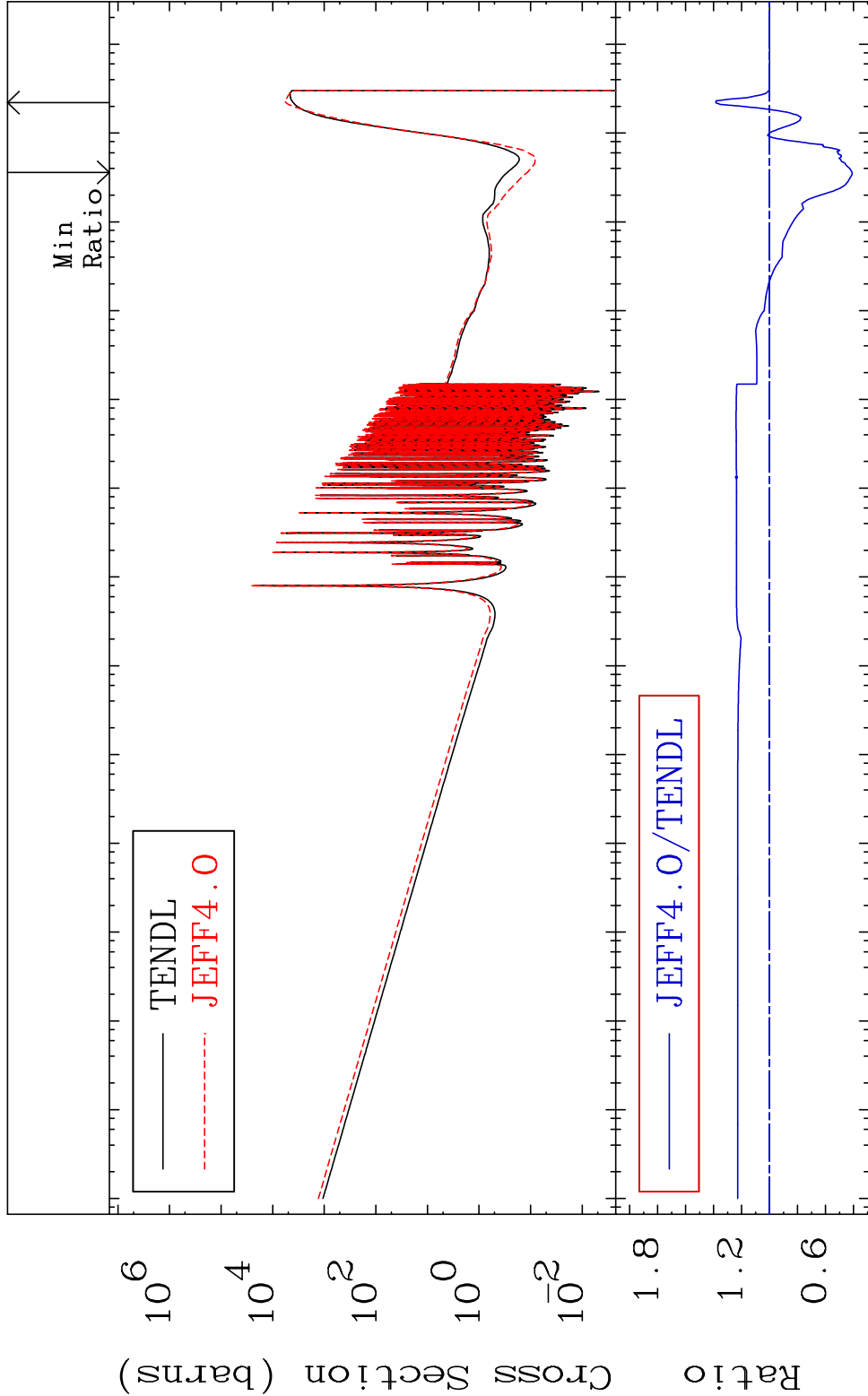
MAT 6843 Dpa elastic (mt2) 68-Er-168
Cross Section -3.136 To 8.068 %



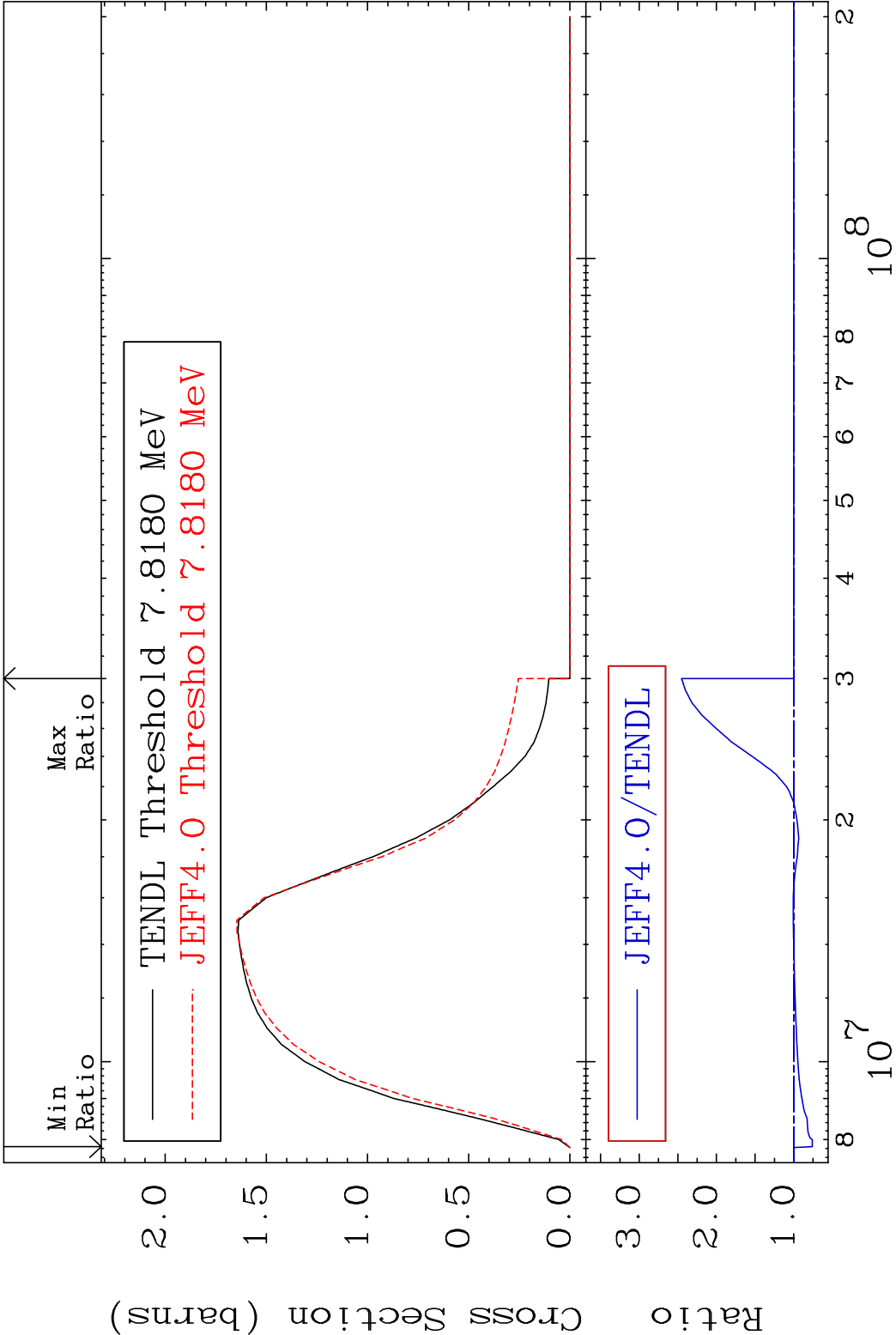
75 Incident Energy (eV) 68-Er-168

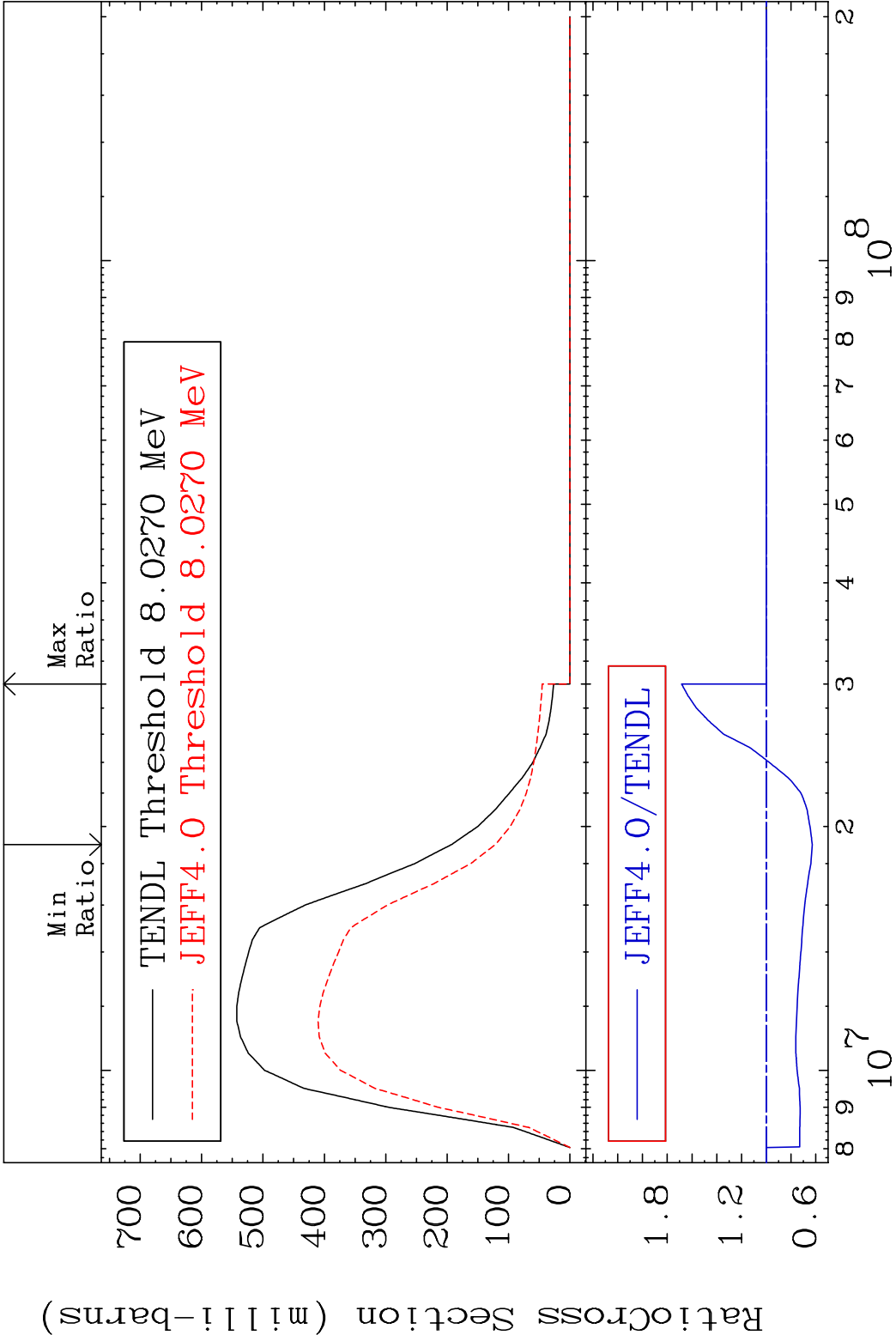


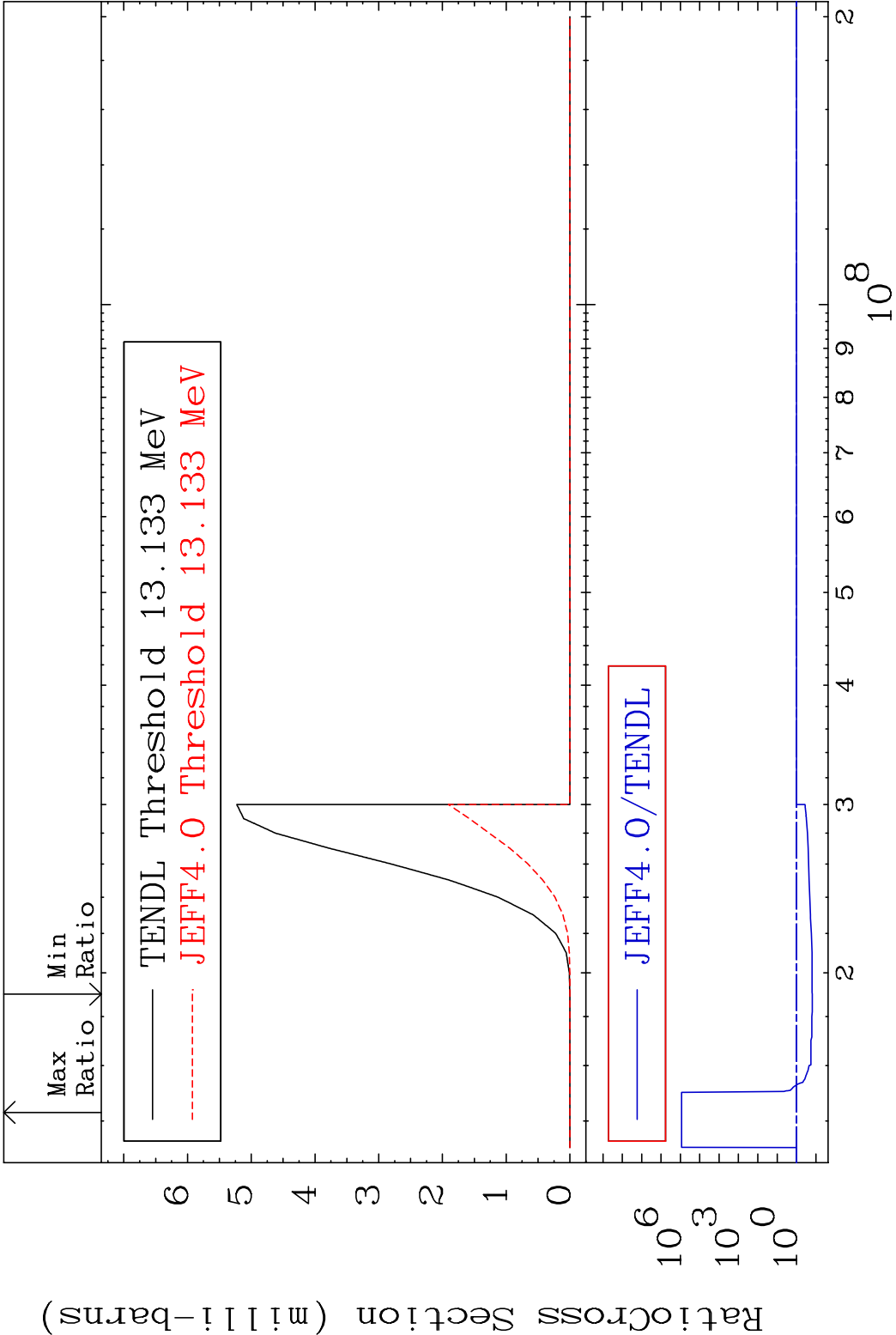
MAT 6843 Dpa disappearance (mt102 -120) 68-Er-168
Cross Section -59.04 To 38.52 %

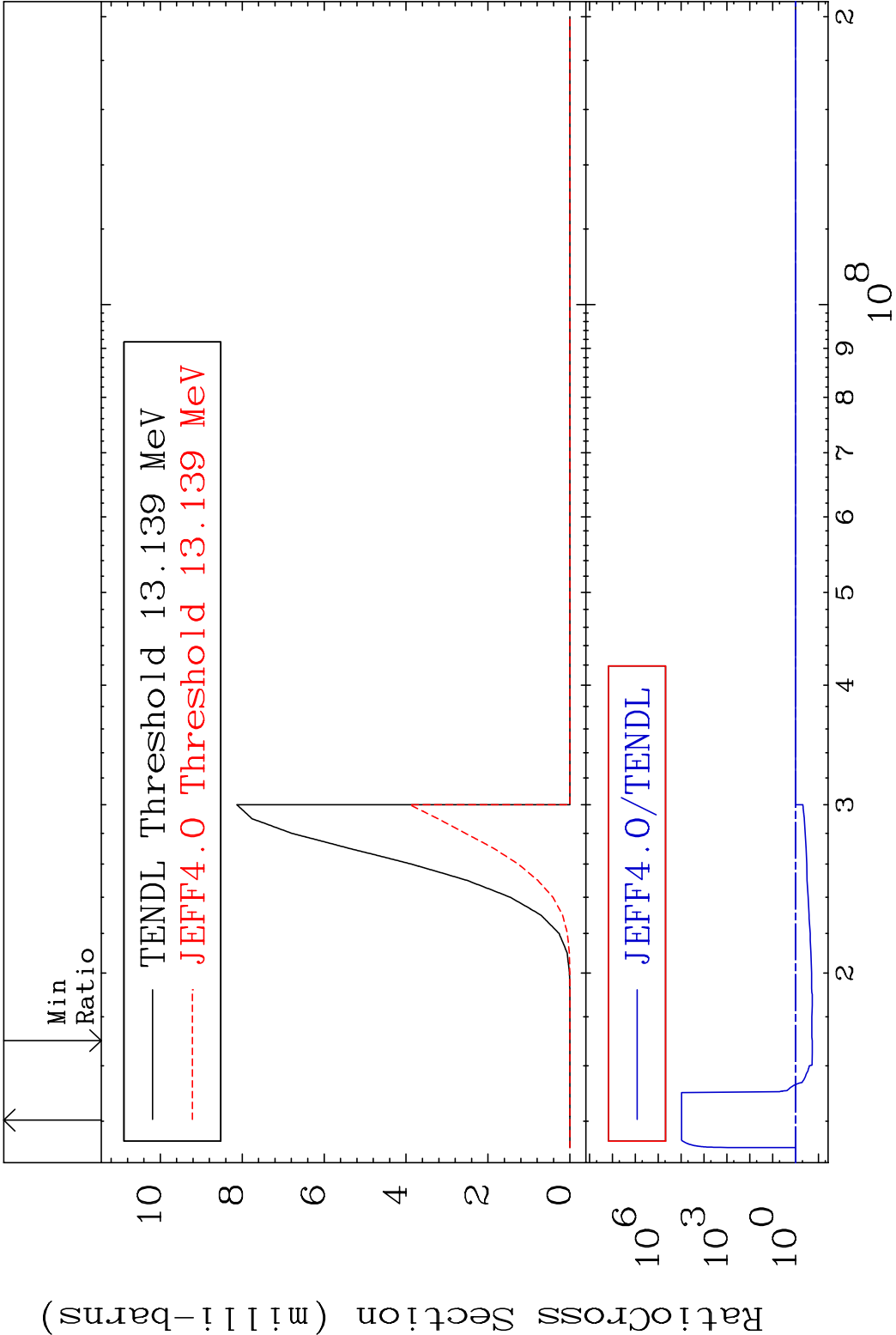


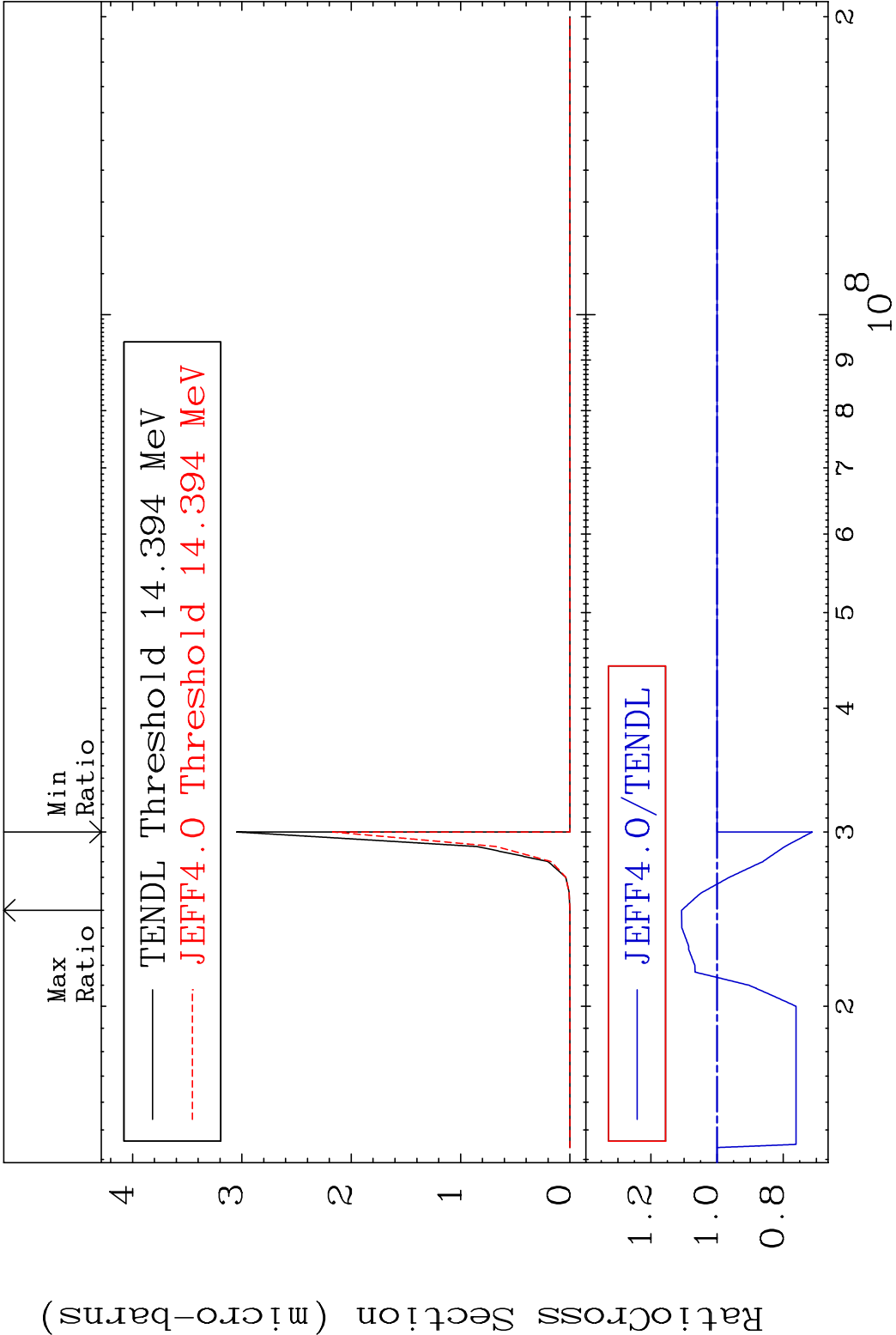
77 Incident Energy (eV) 68-Er-168

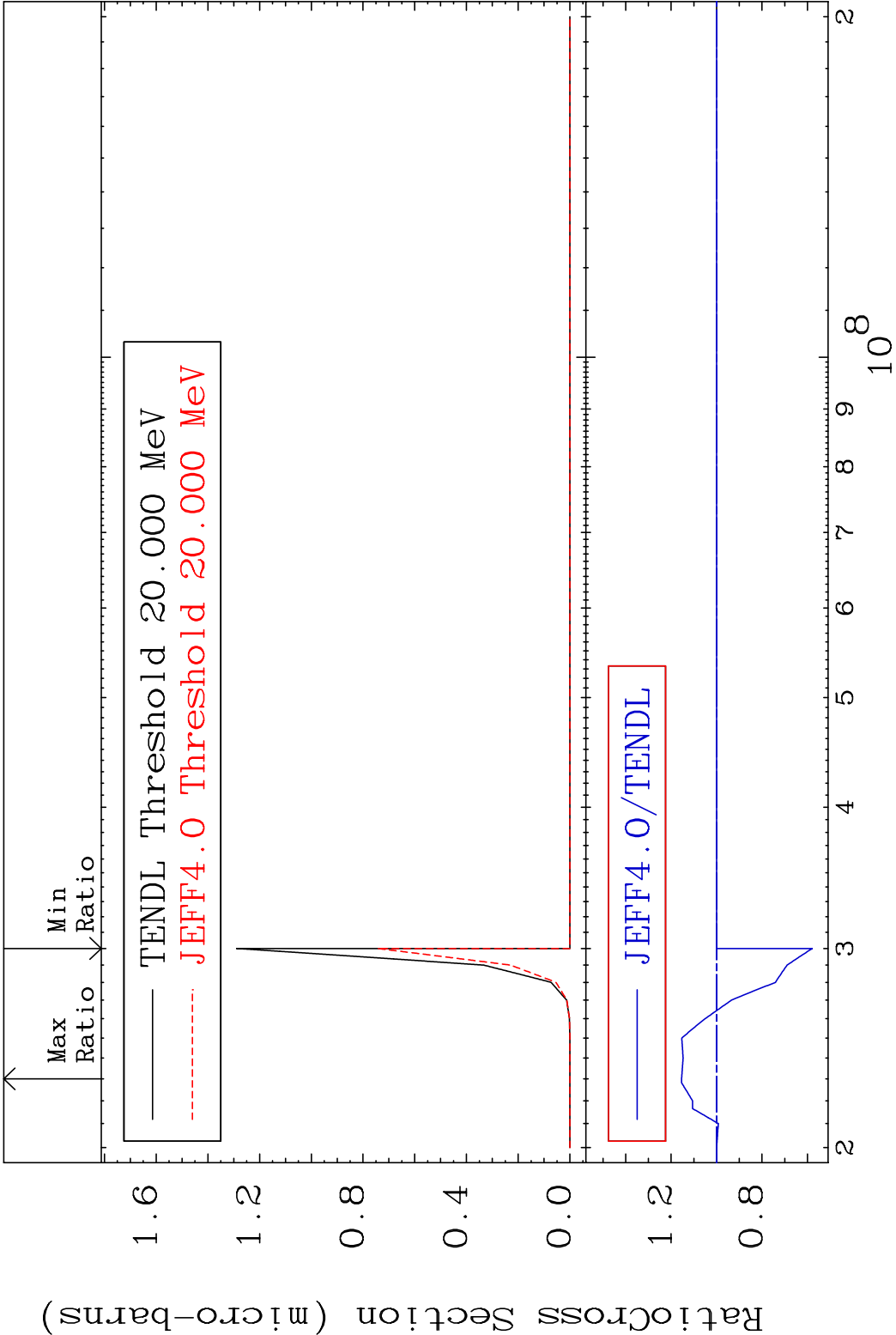


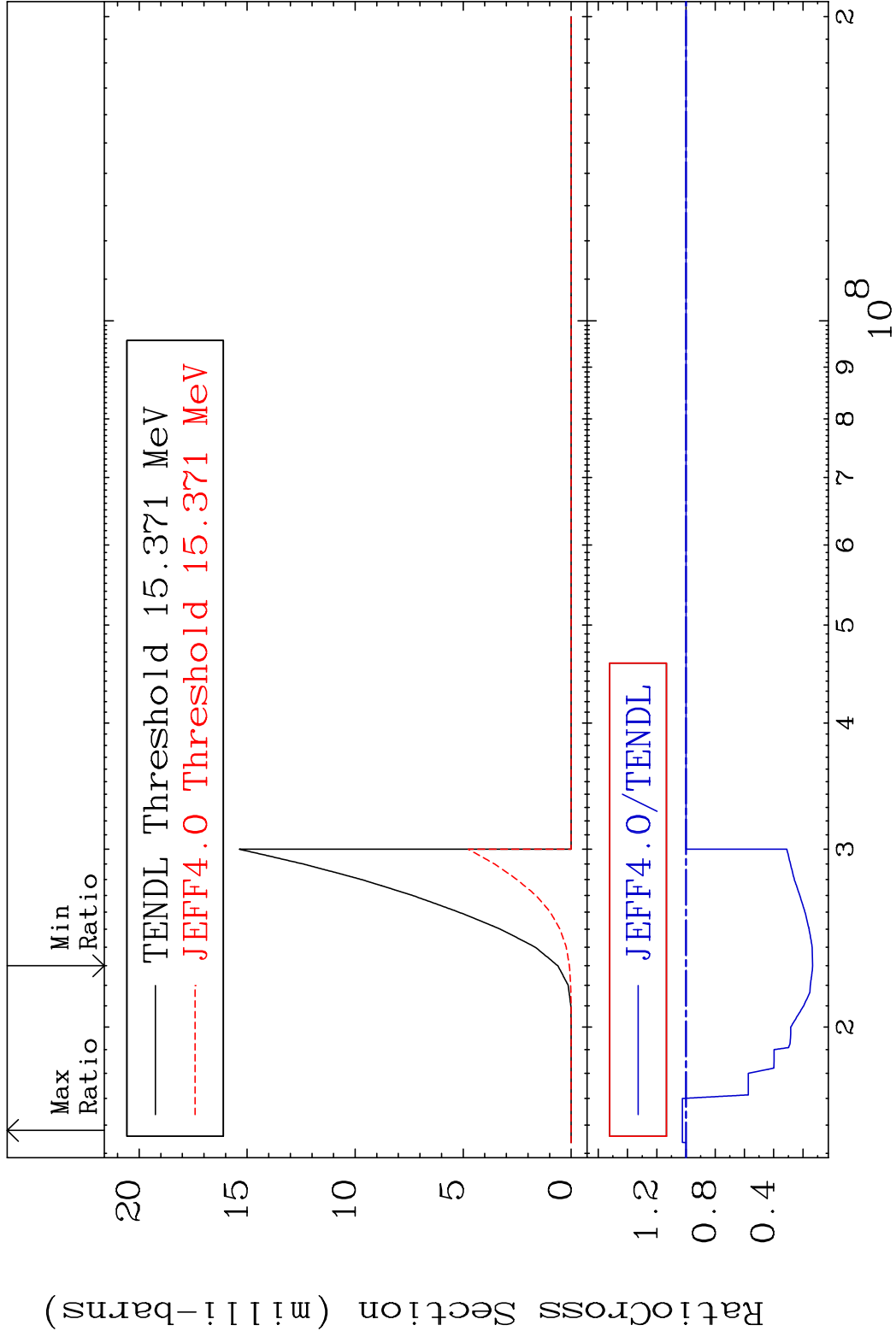


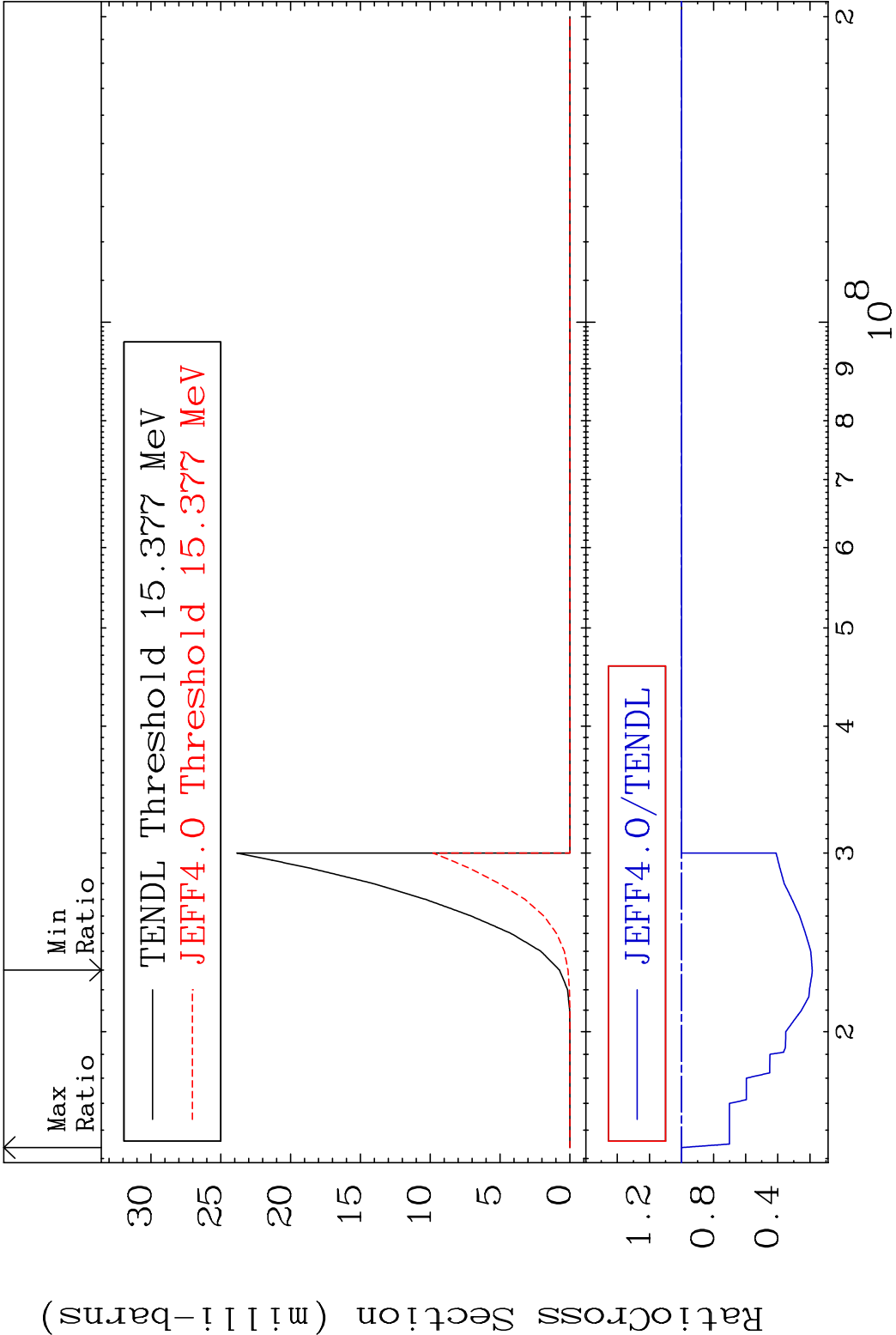


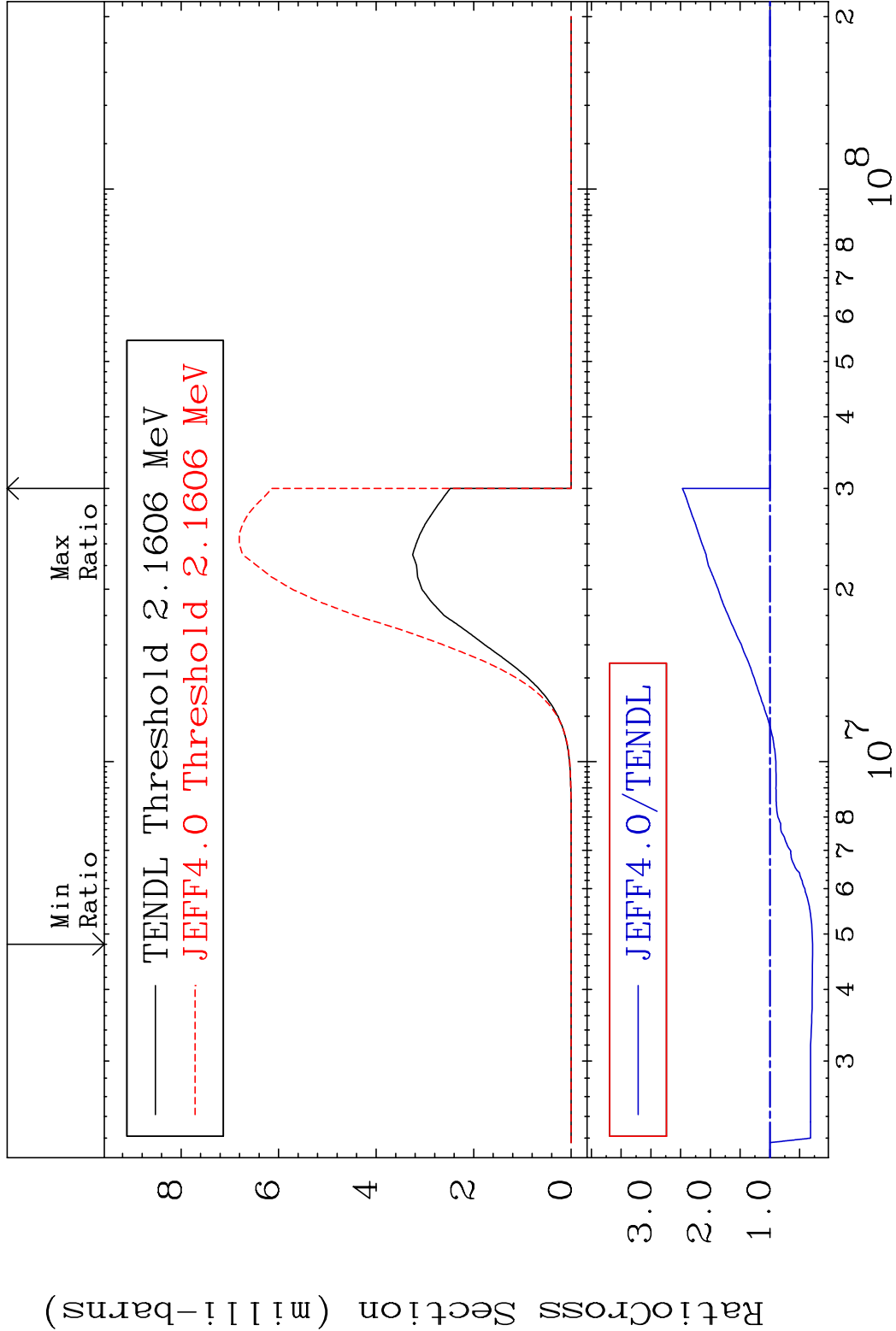


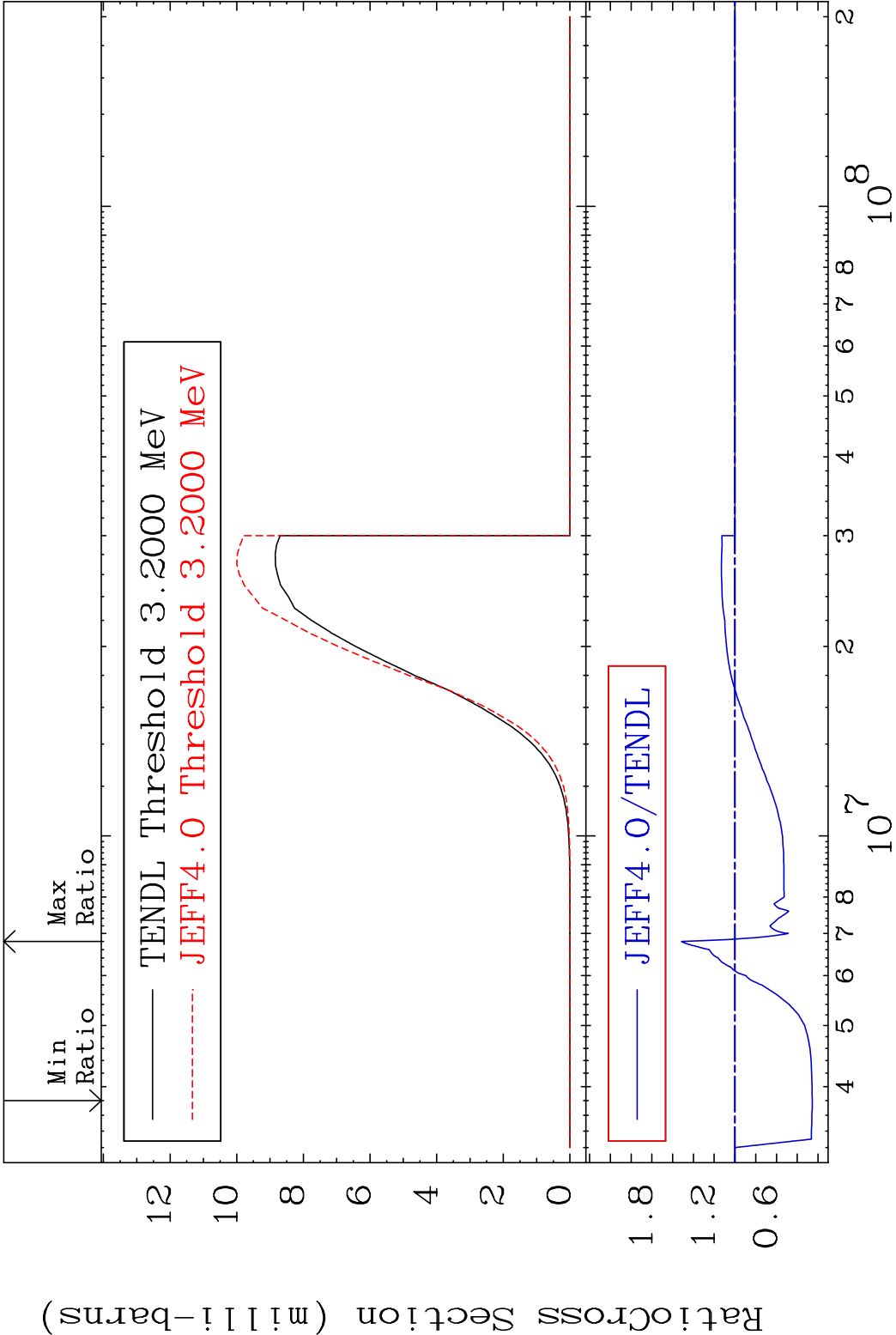


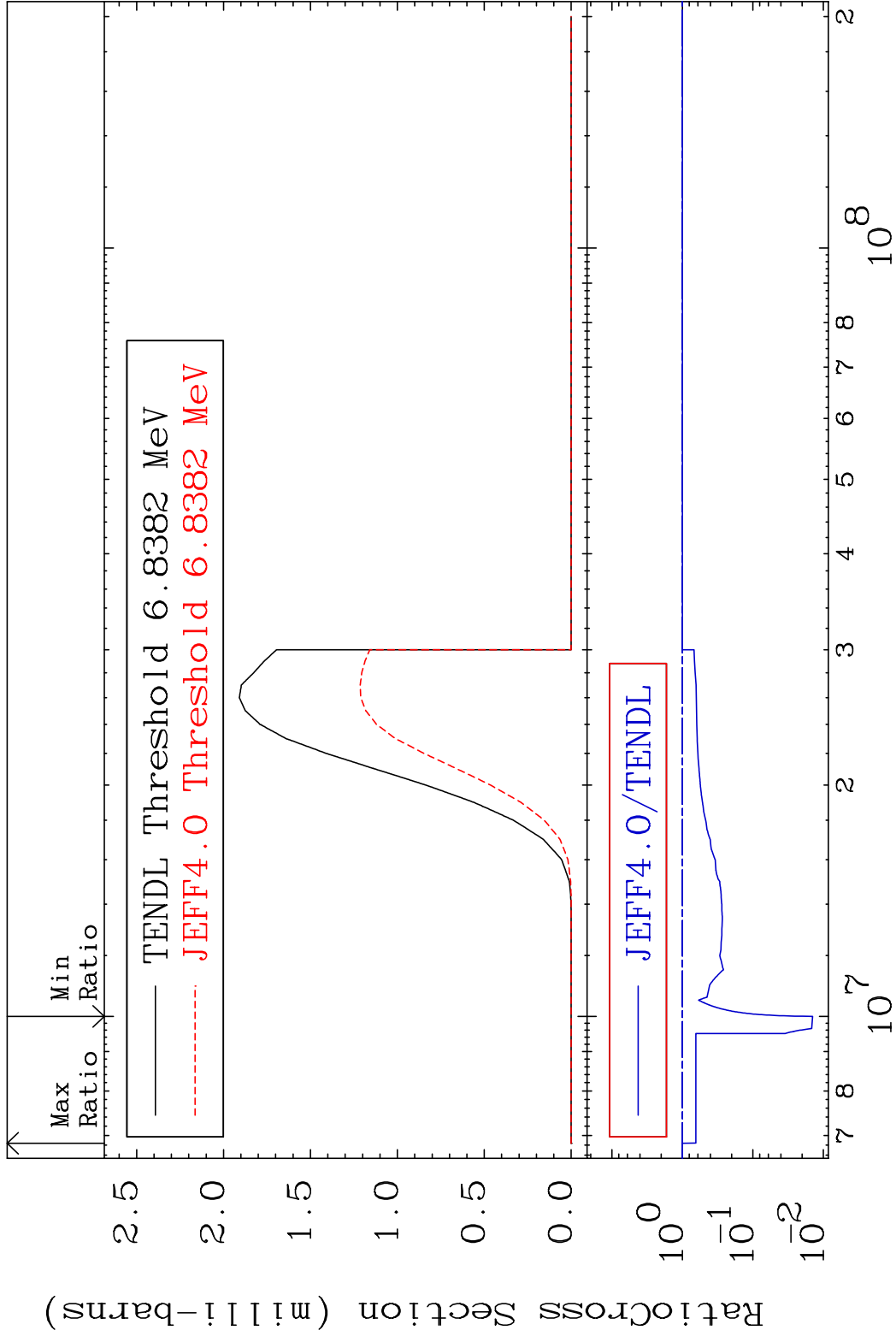












Radionuclide Production Cross Section to 0.000 %

