

Program Complot
(Version 2021-1)

by

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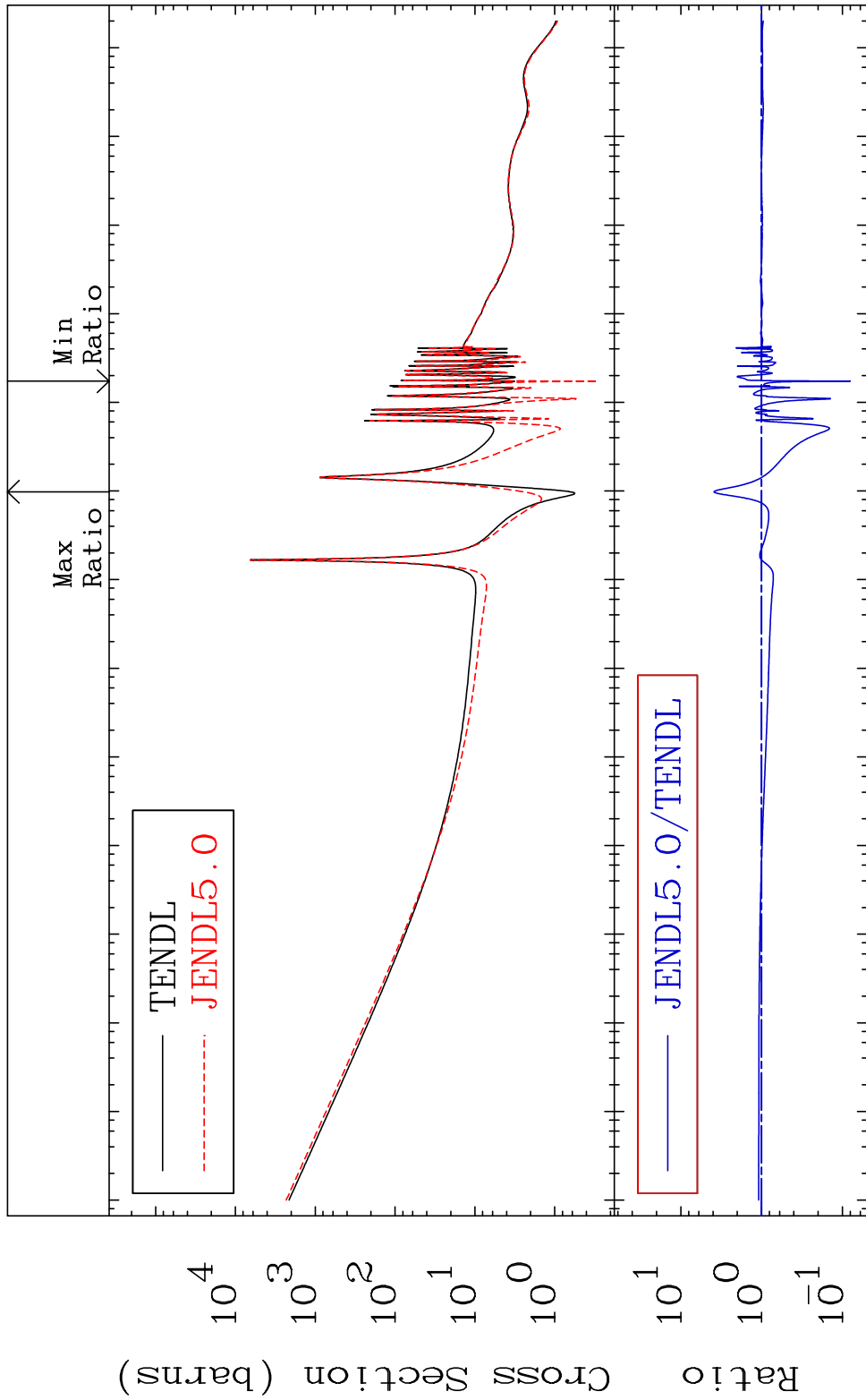
Press Mouse Button to Start

MAT 2325

Total

23-V -50

Cross Section -91.99 To 288.4 %

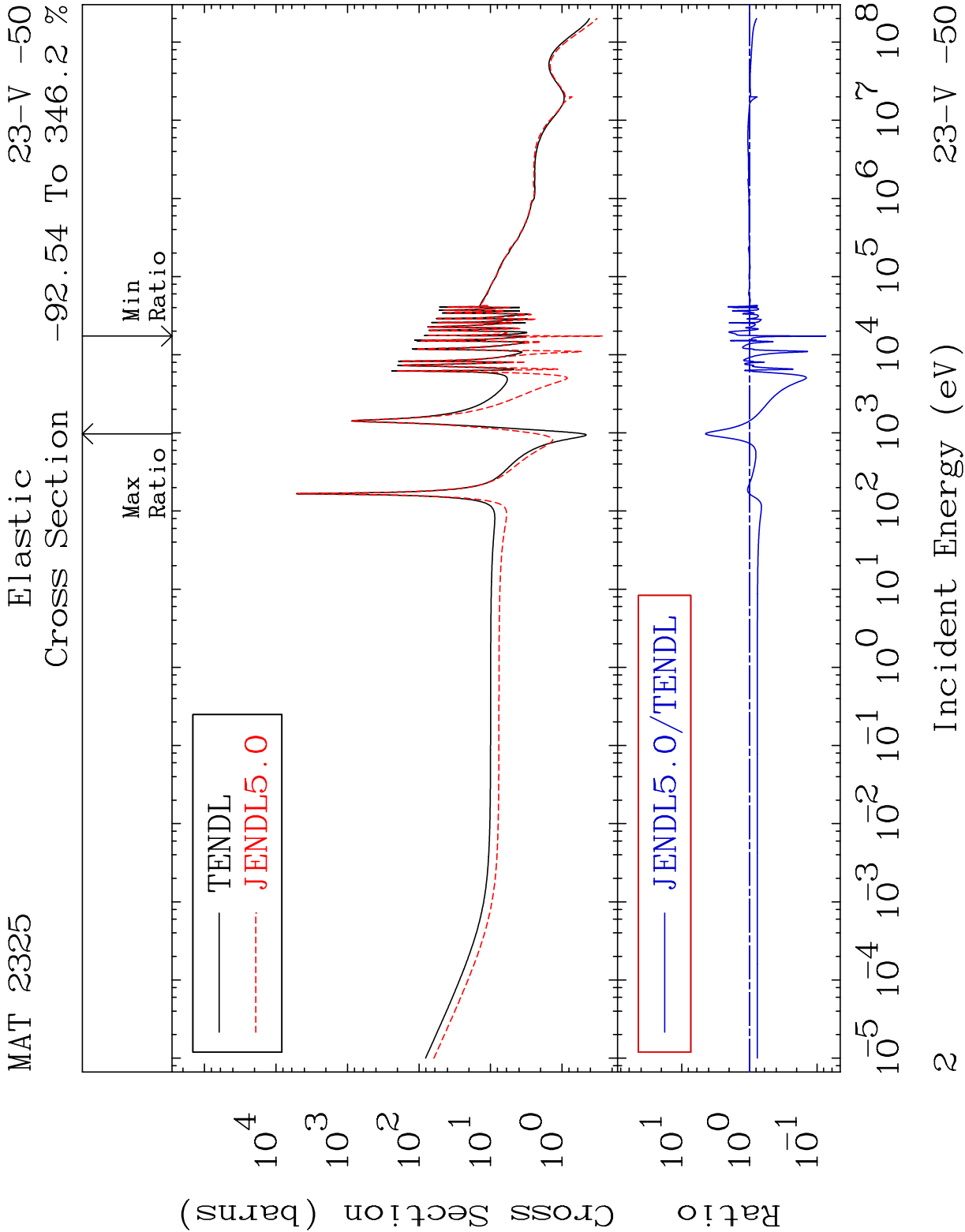


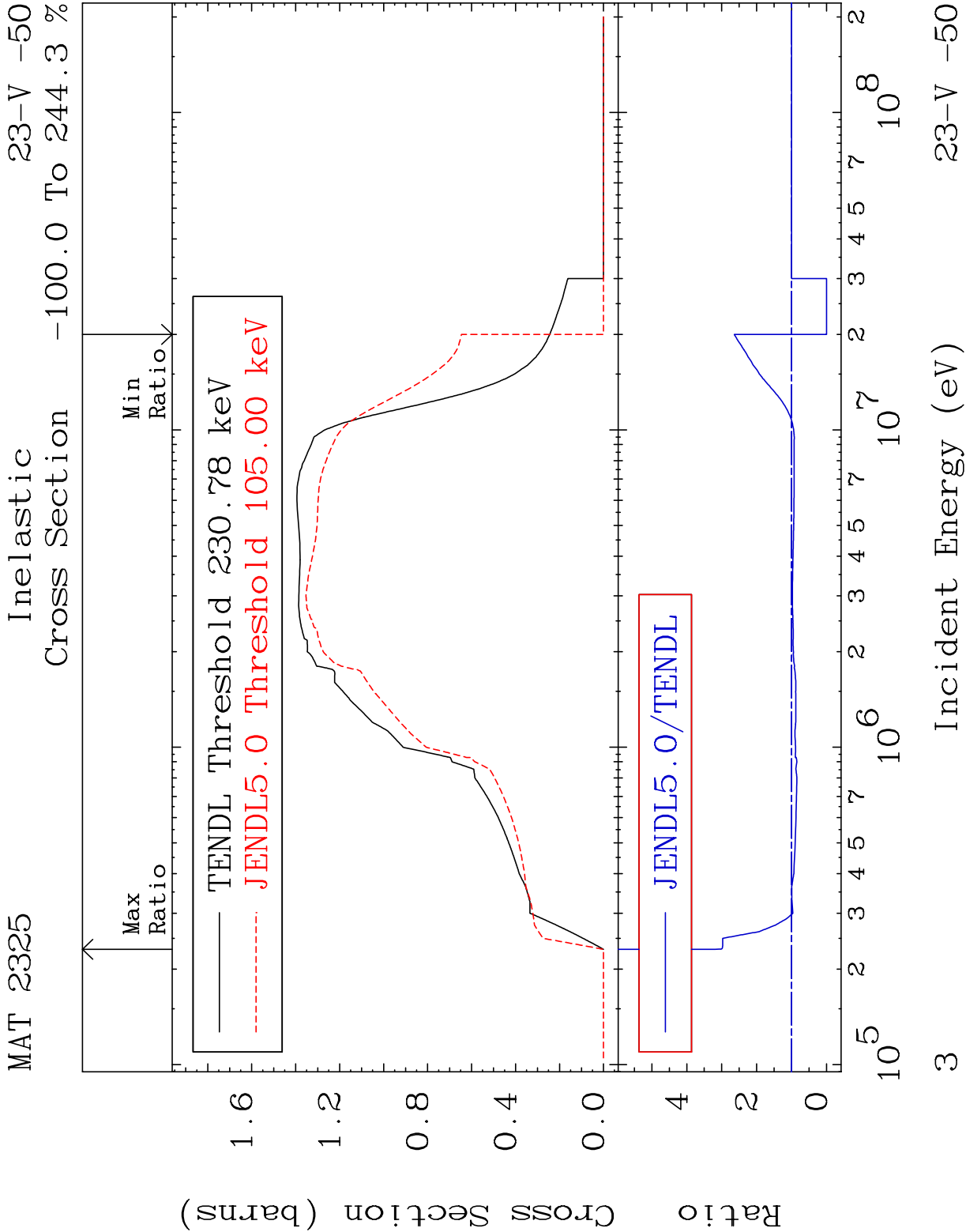
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

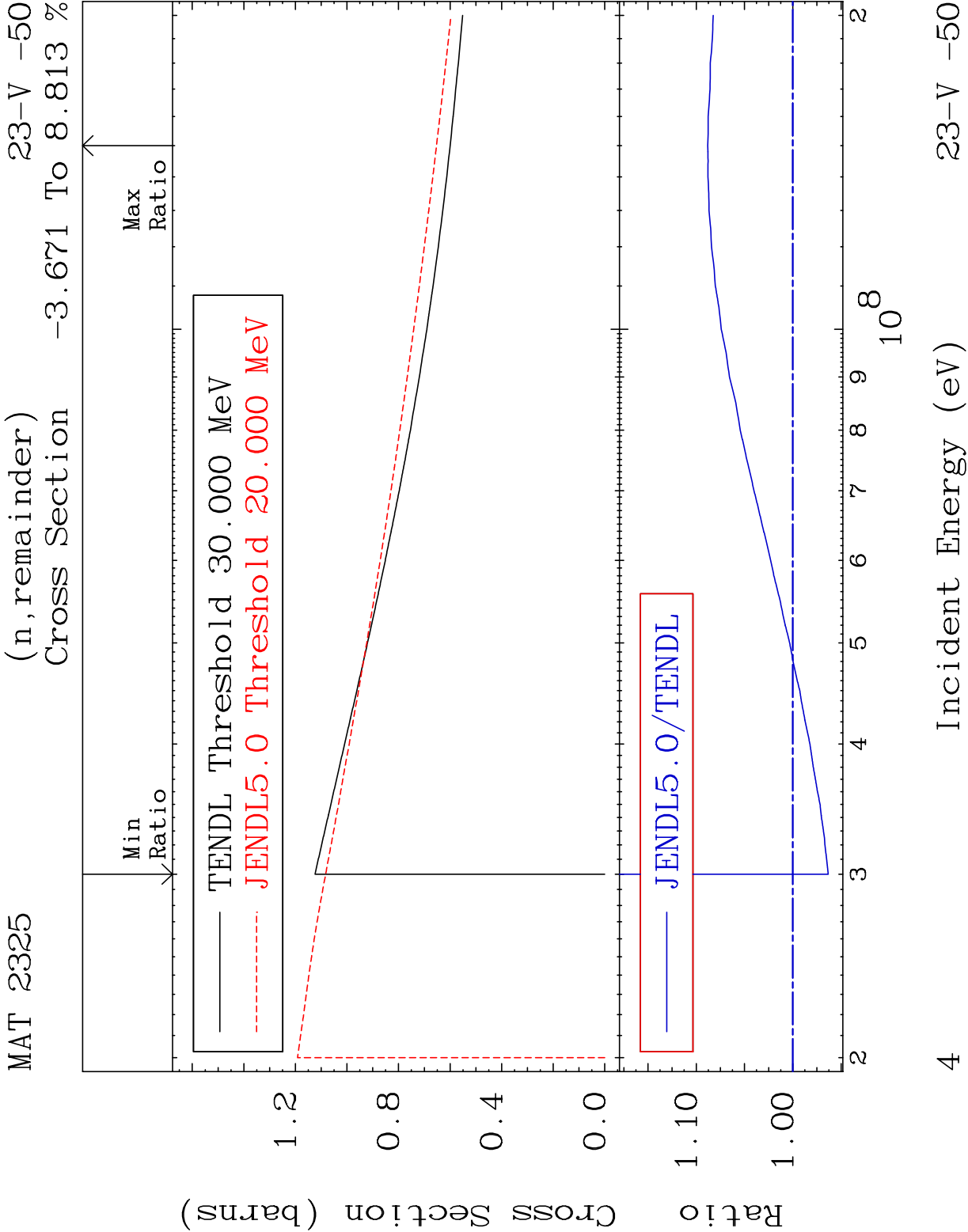
1

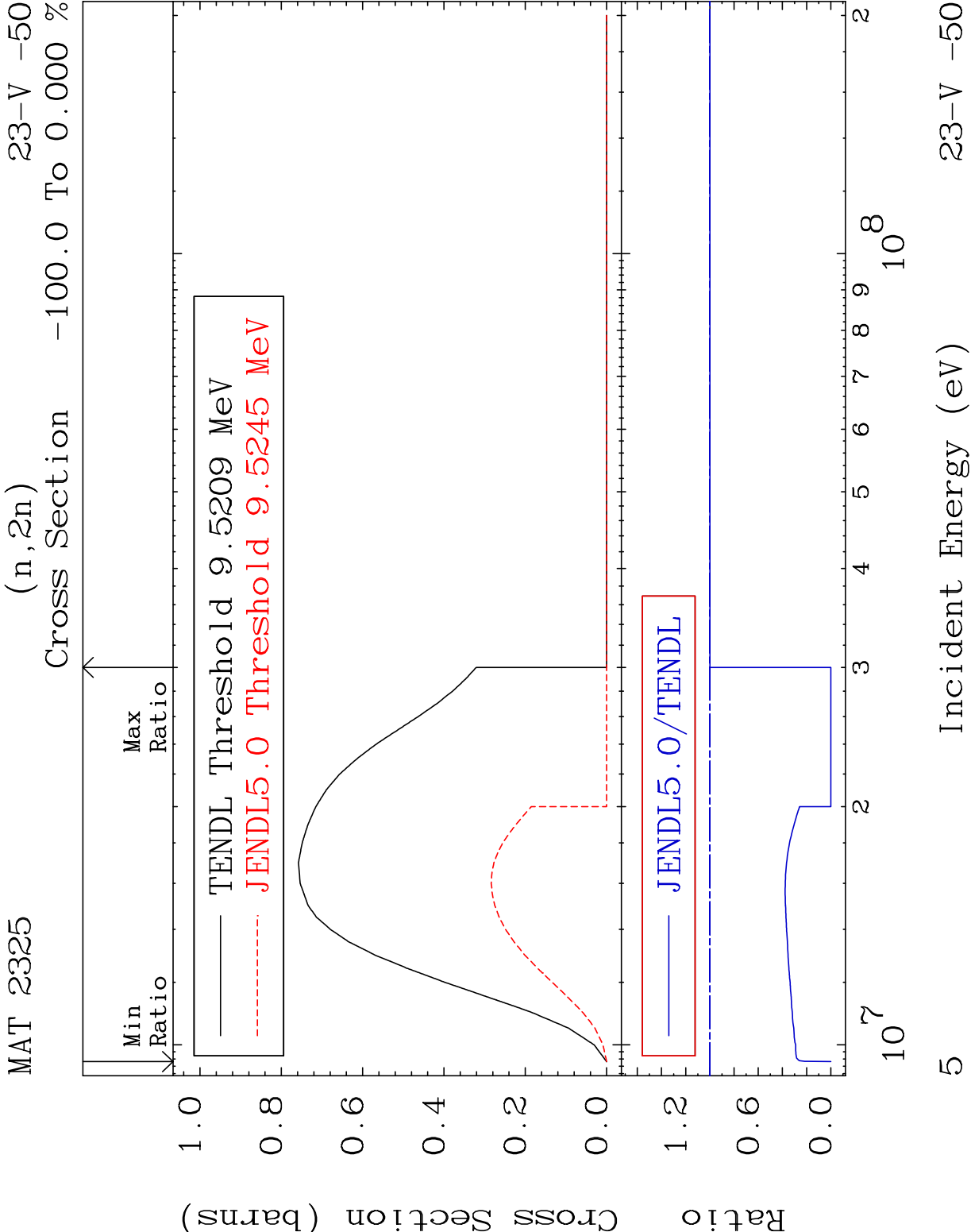
Incident Energy (eV)

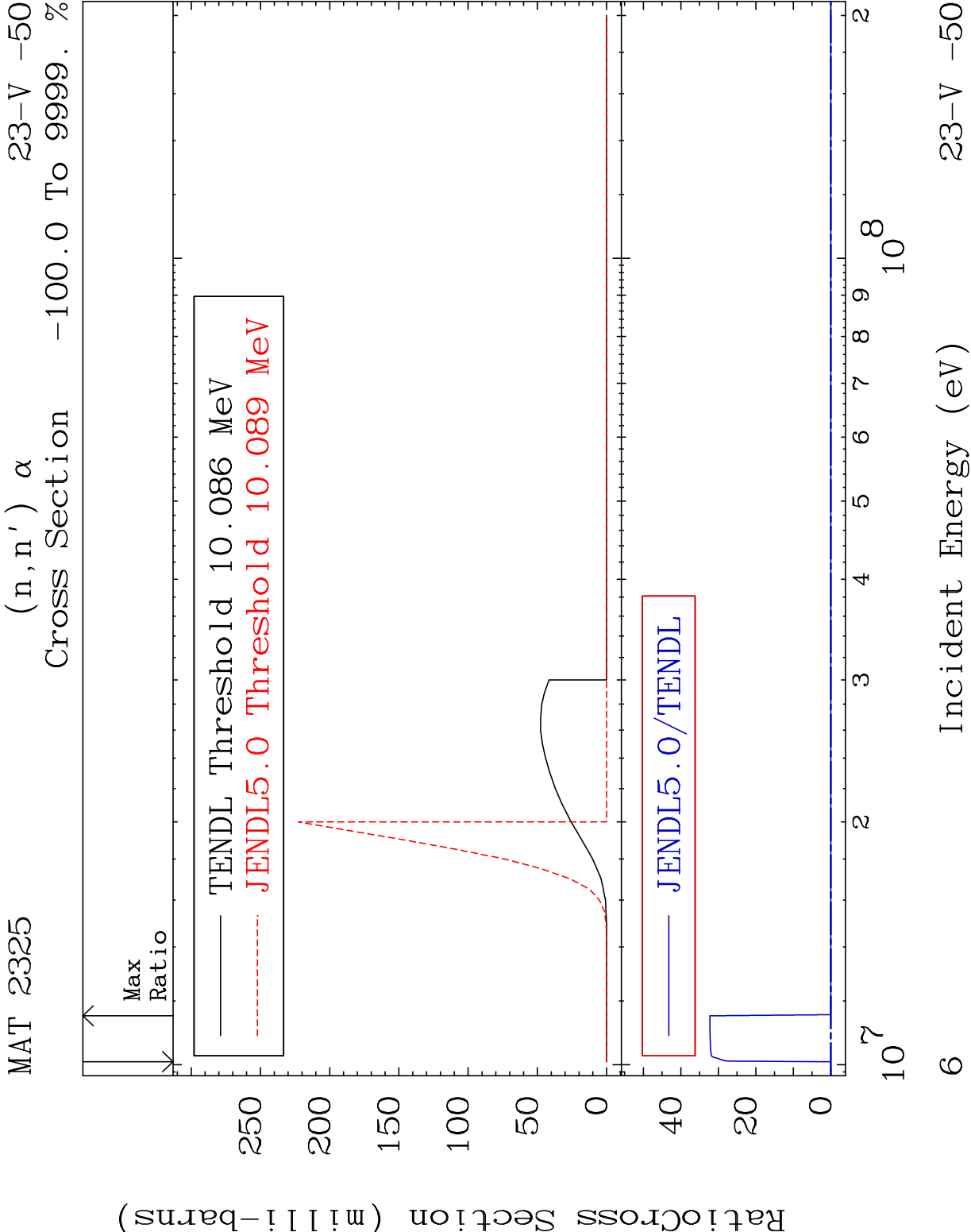
23-V -50

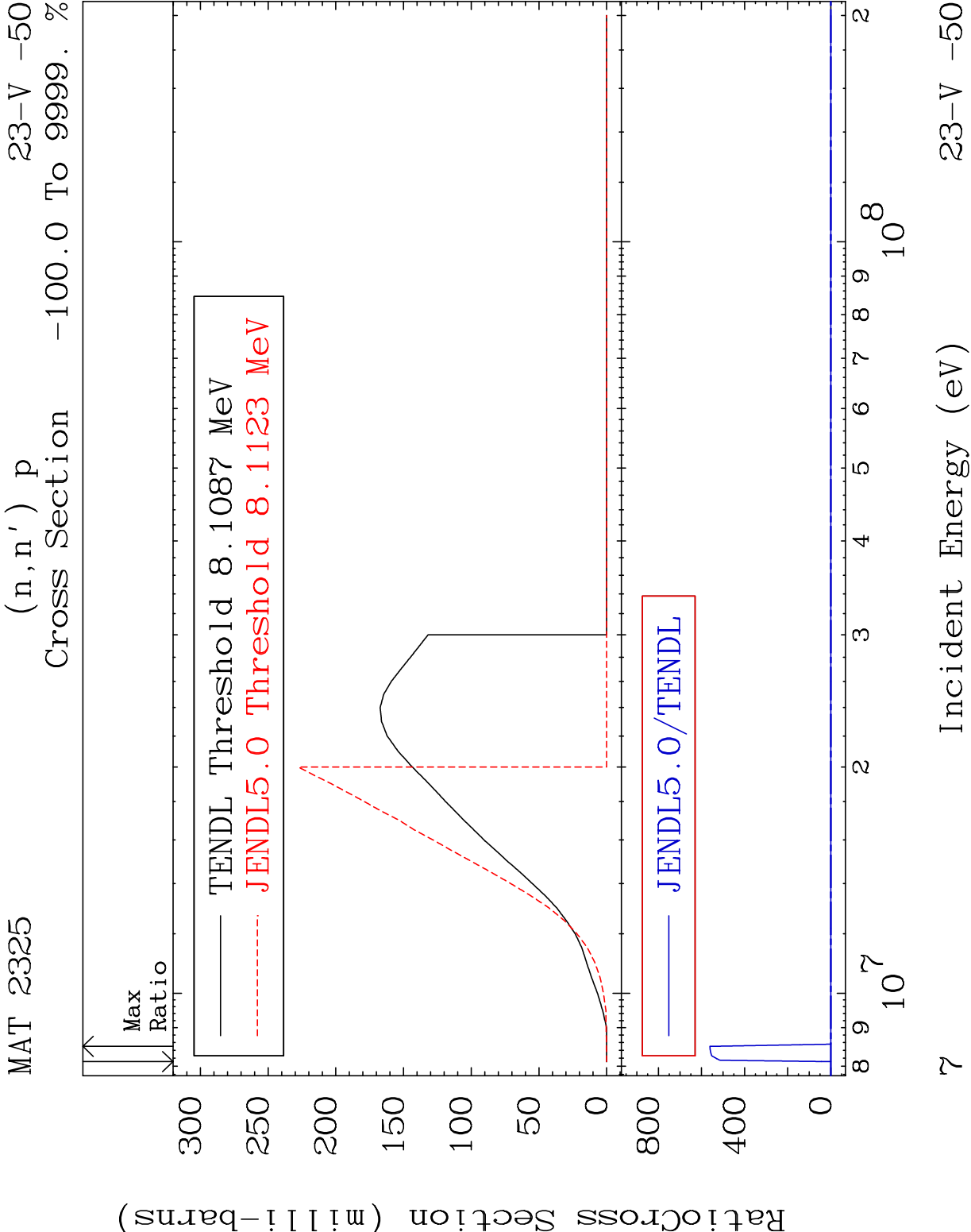


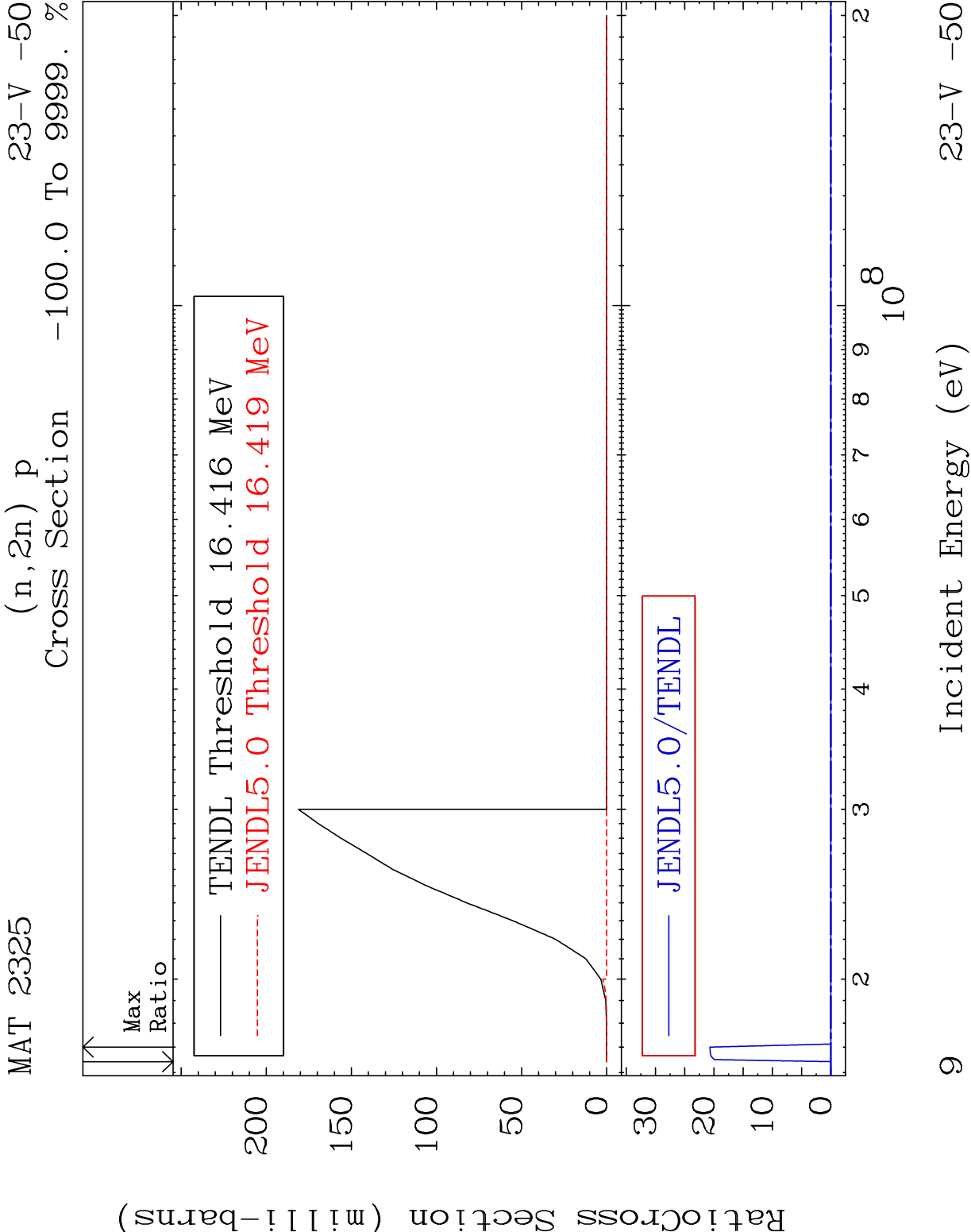




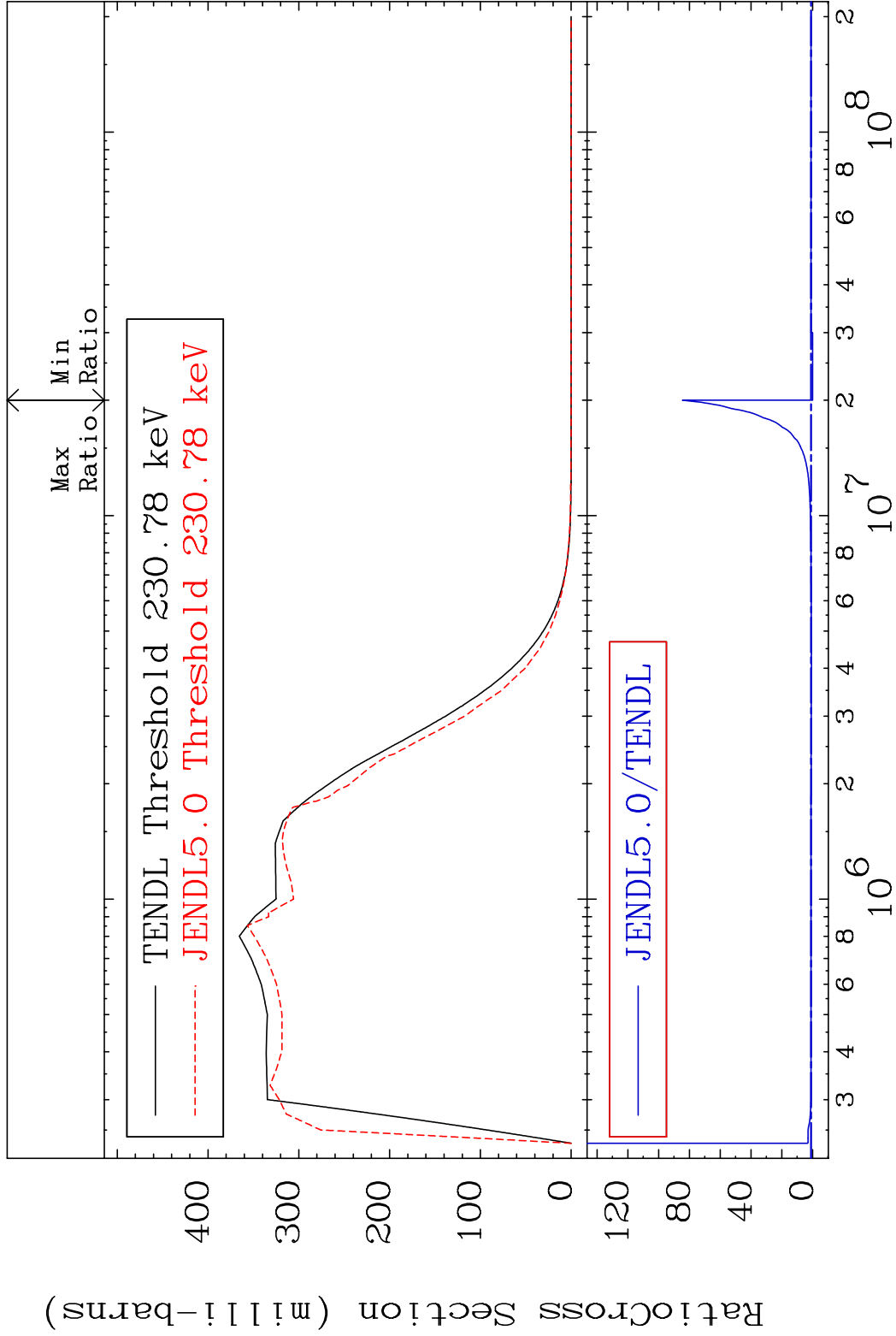






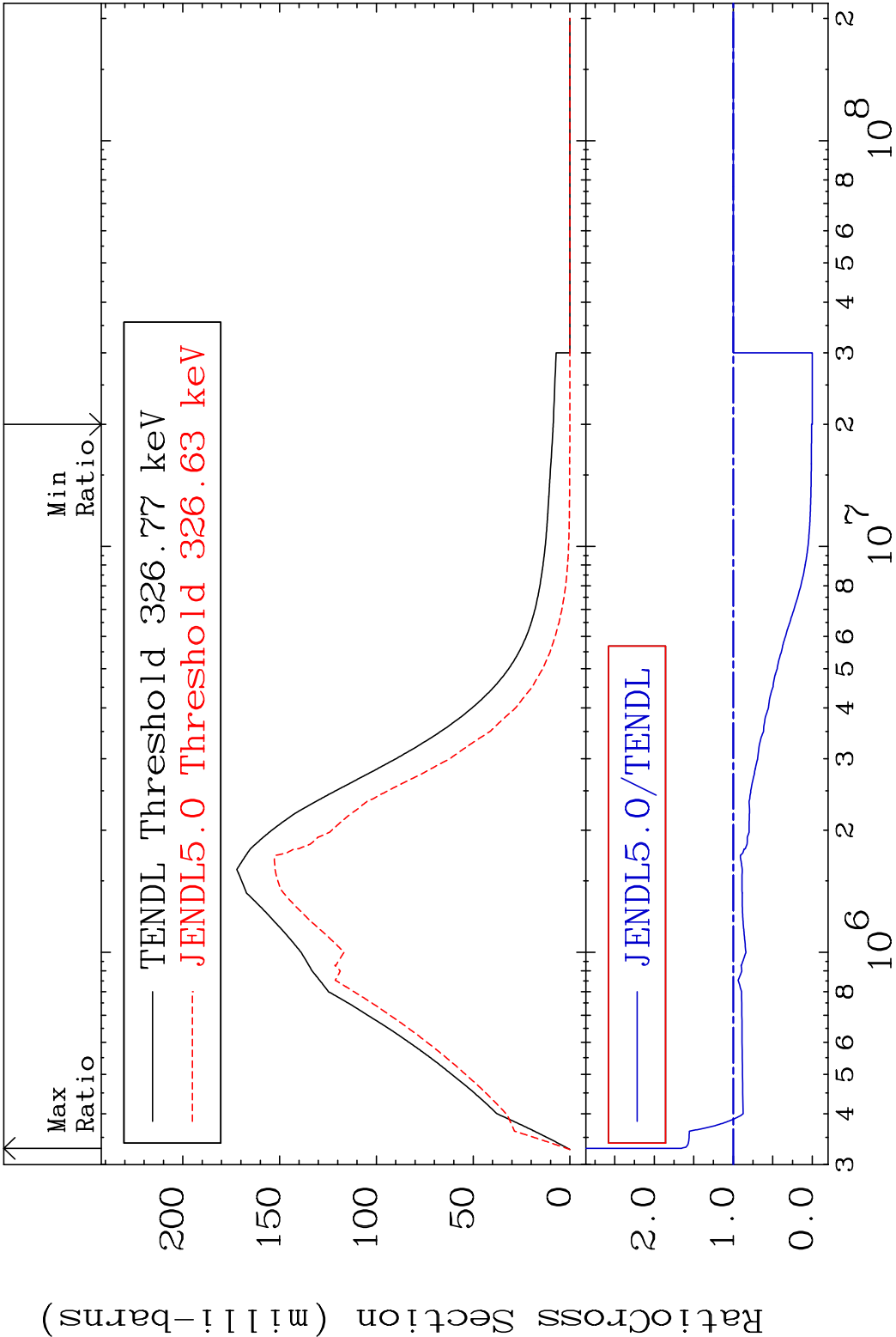


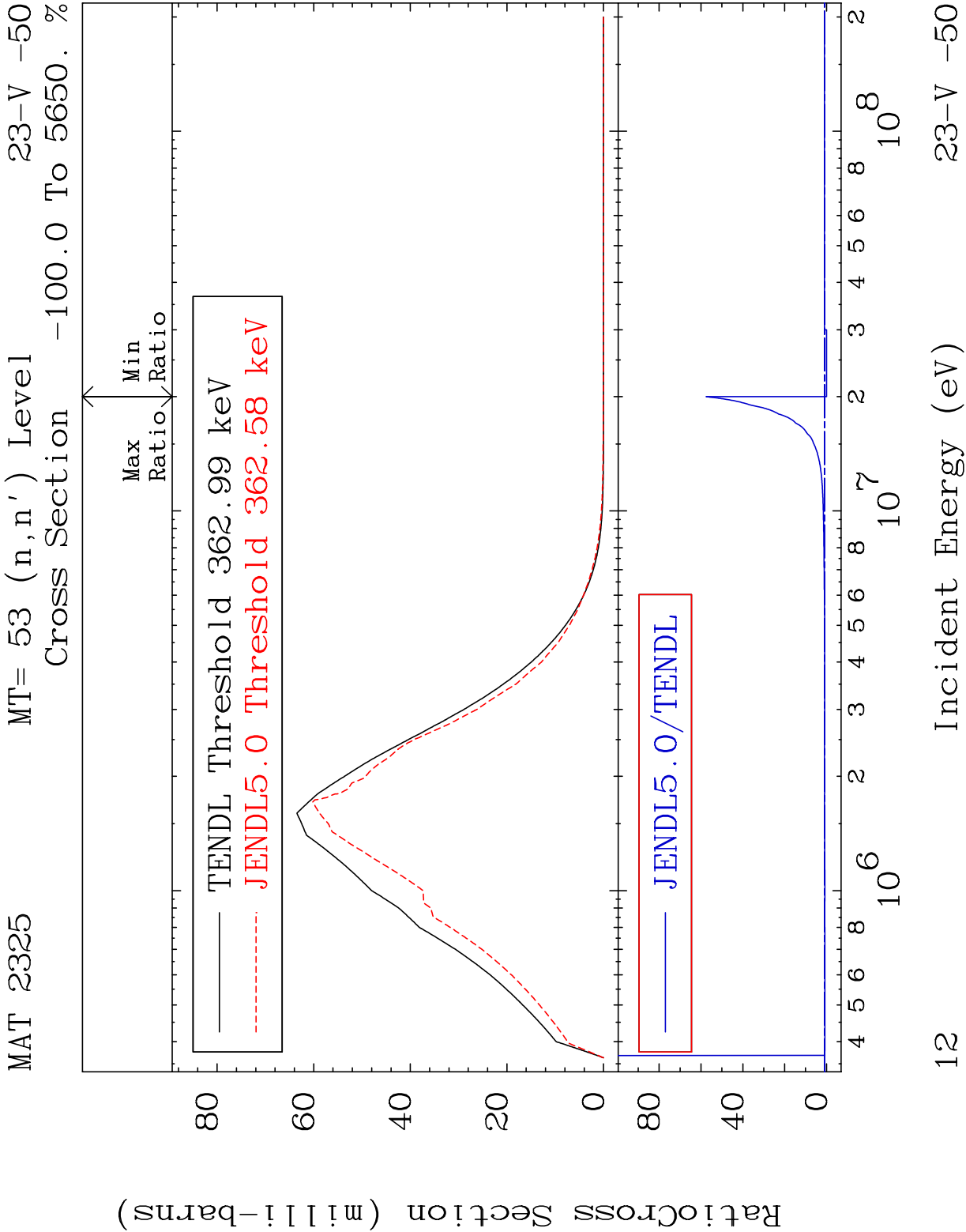
MAT 2325 MT= 51 (n,n') Level 23-V -50
Cross Section -100.0 To 8360. %

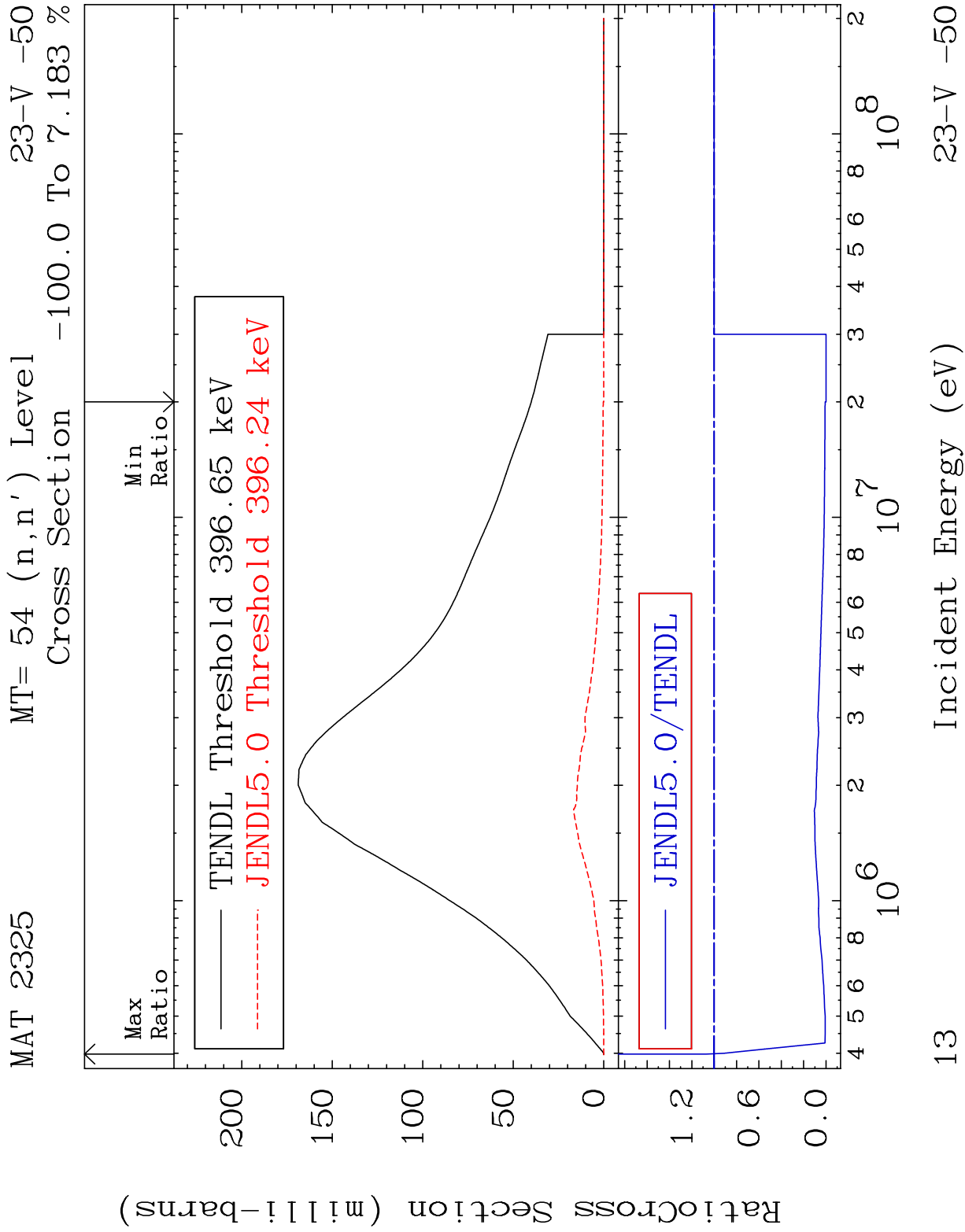


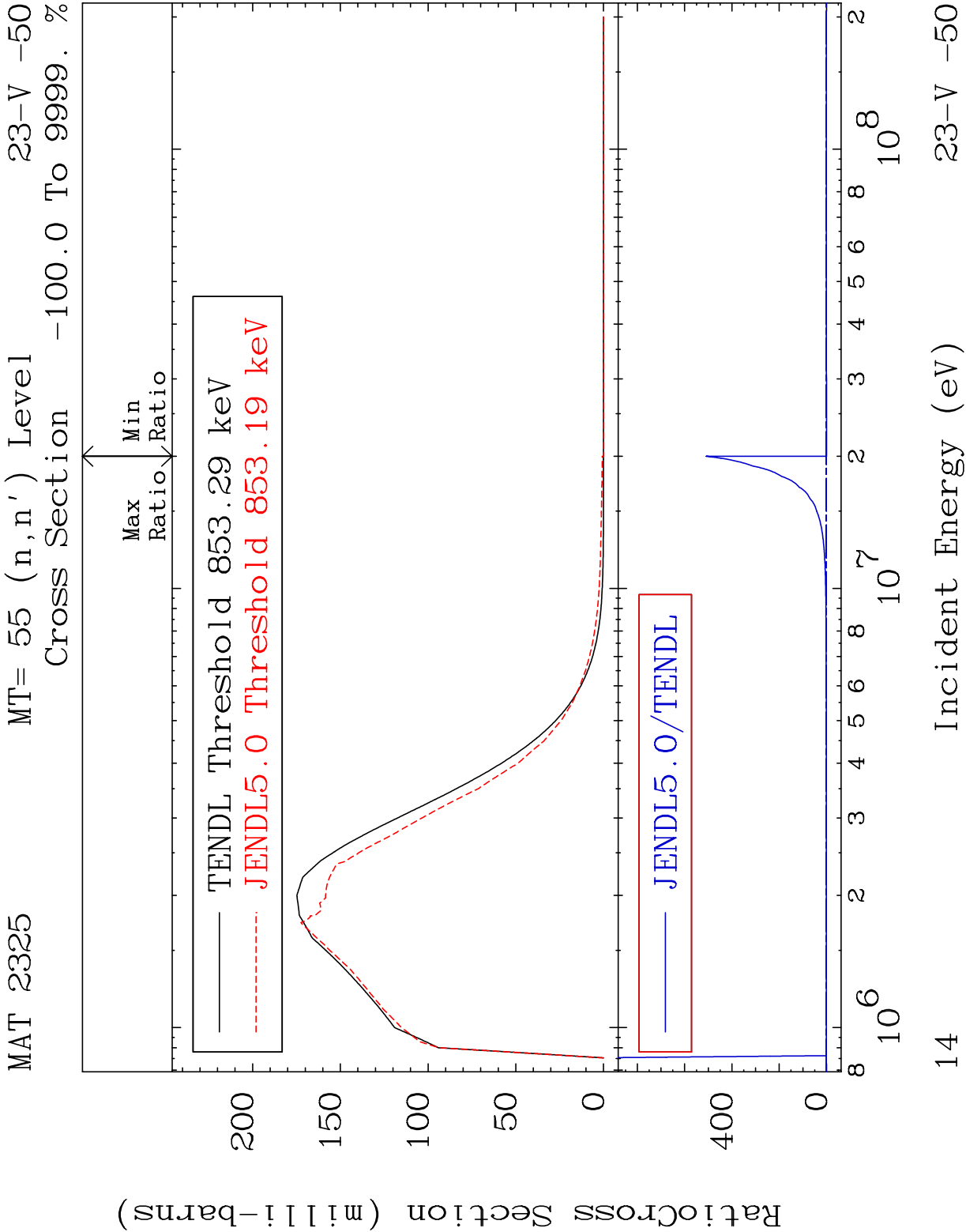
10 Incident Energy (eV) 23-V -50

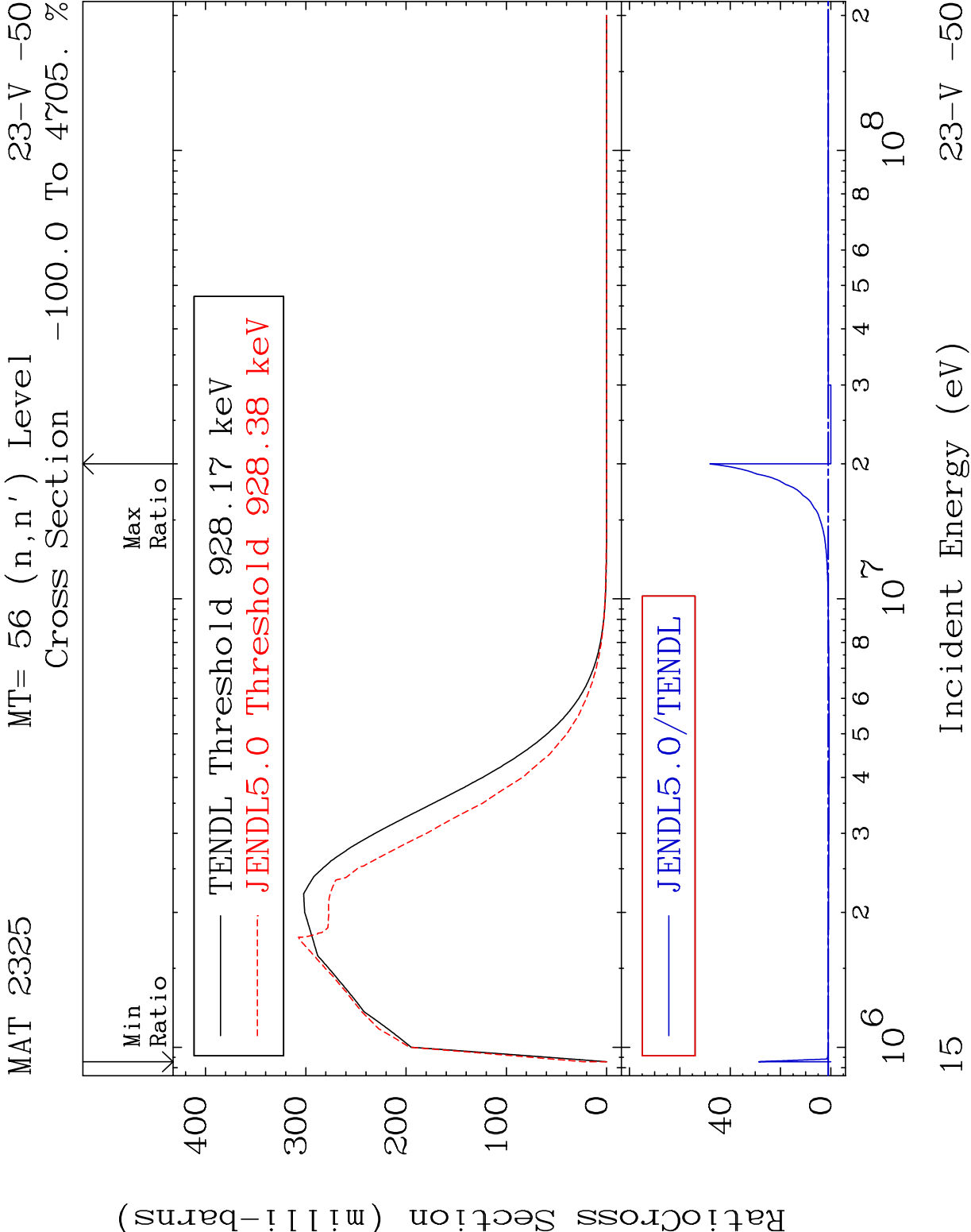
MAT 2325 MT= 52 (n,n') Level 23-V -50
 Cross Section -100.0 To 65.47 %

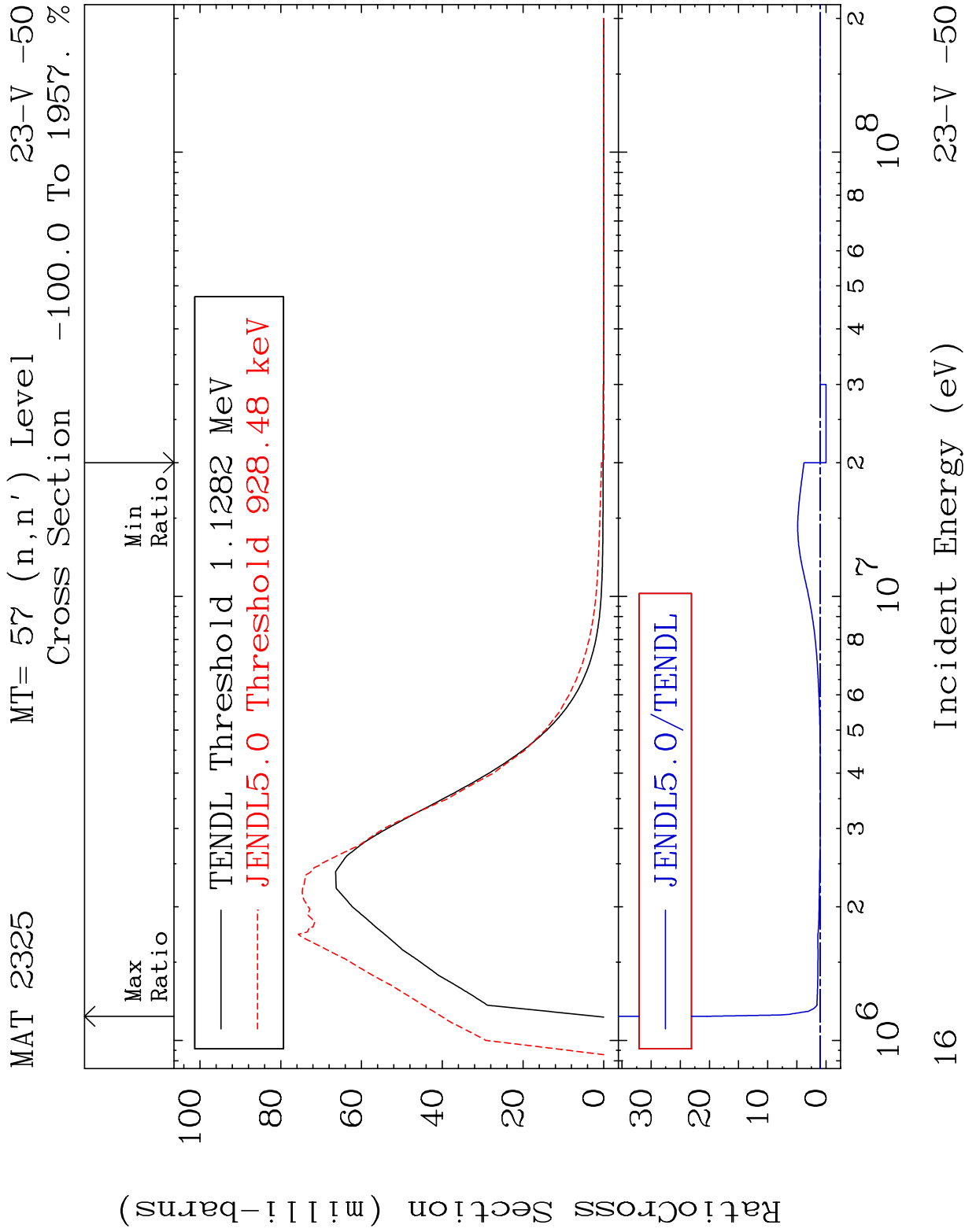






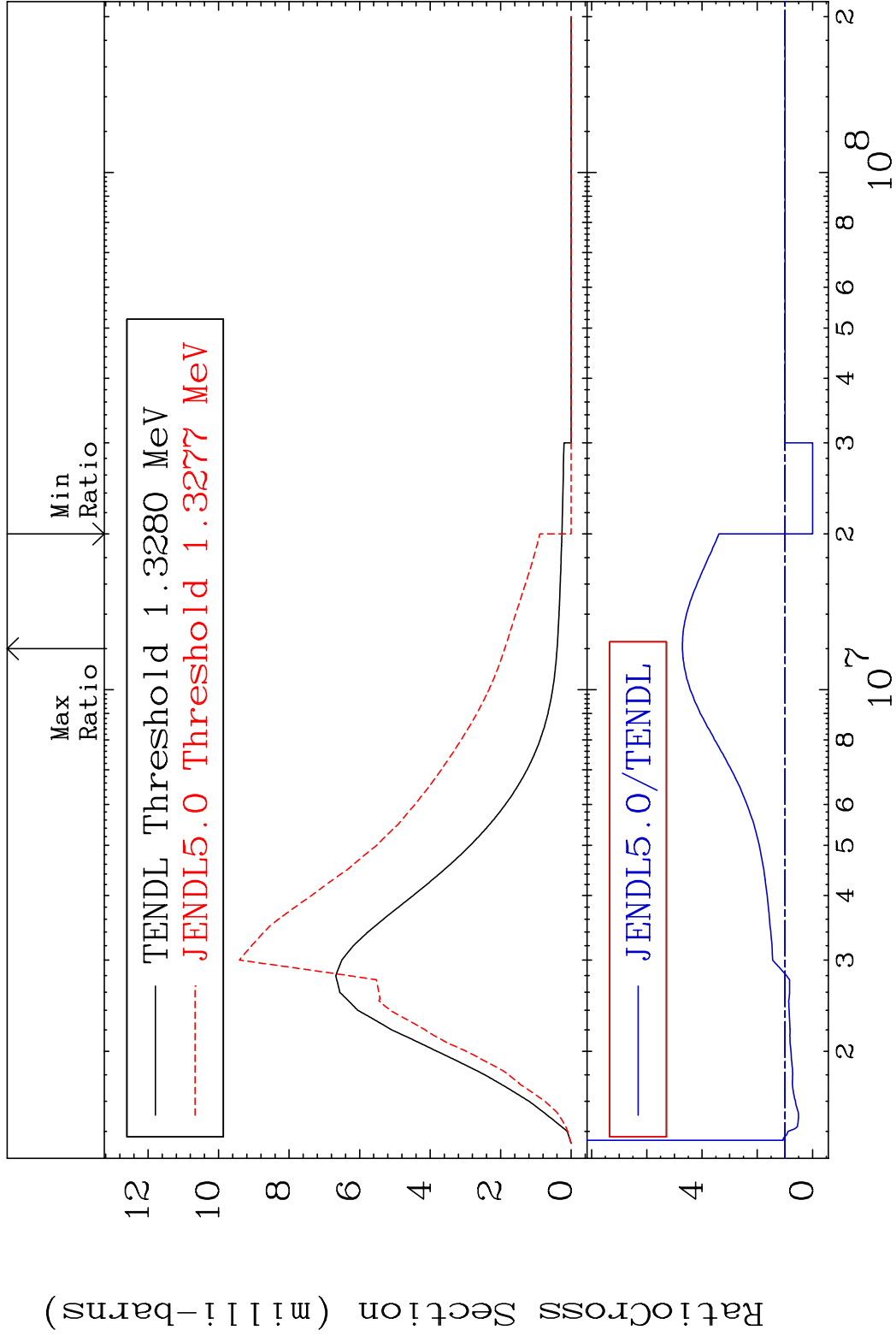




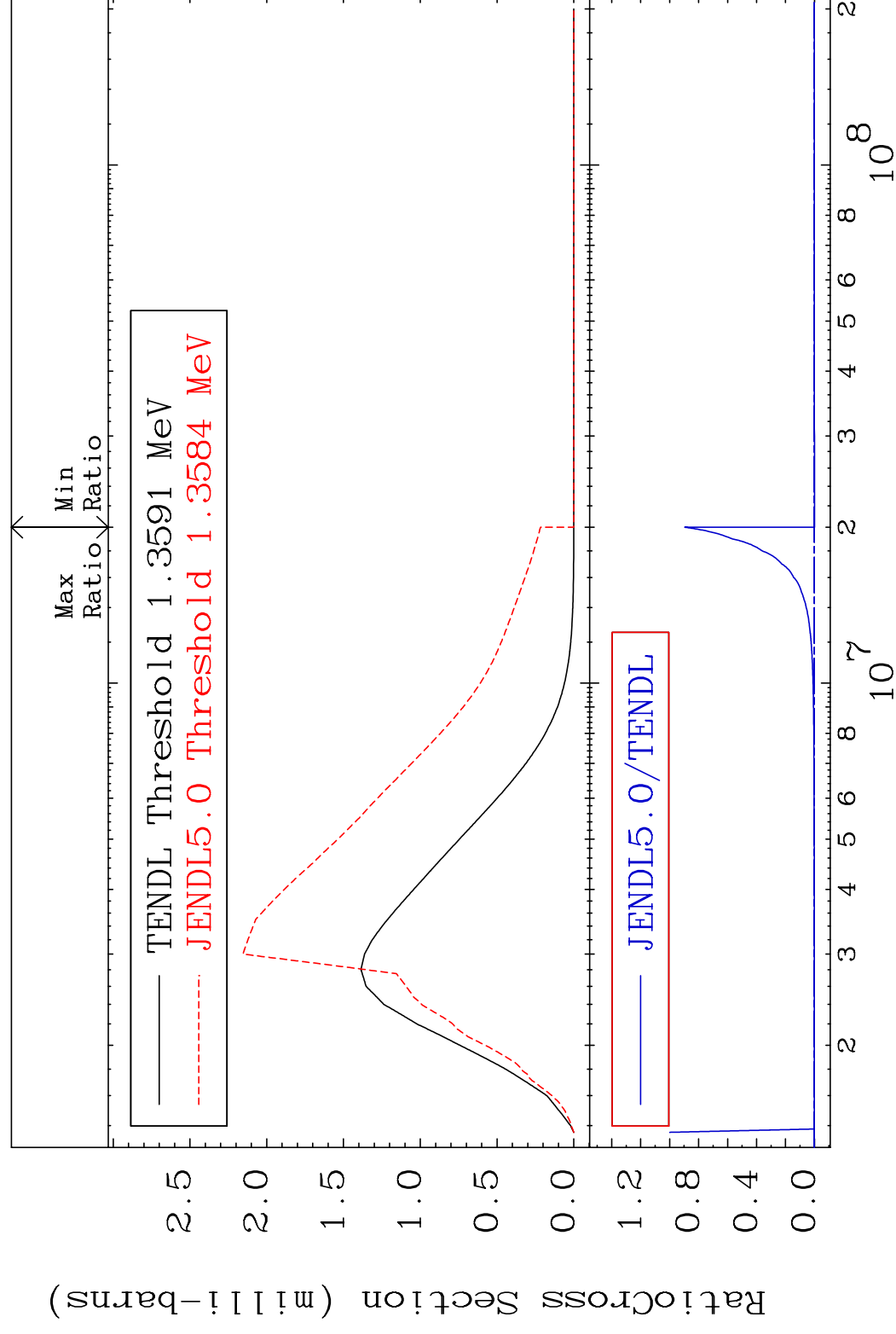


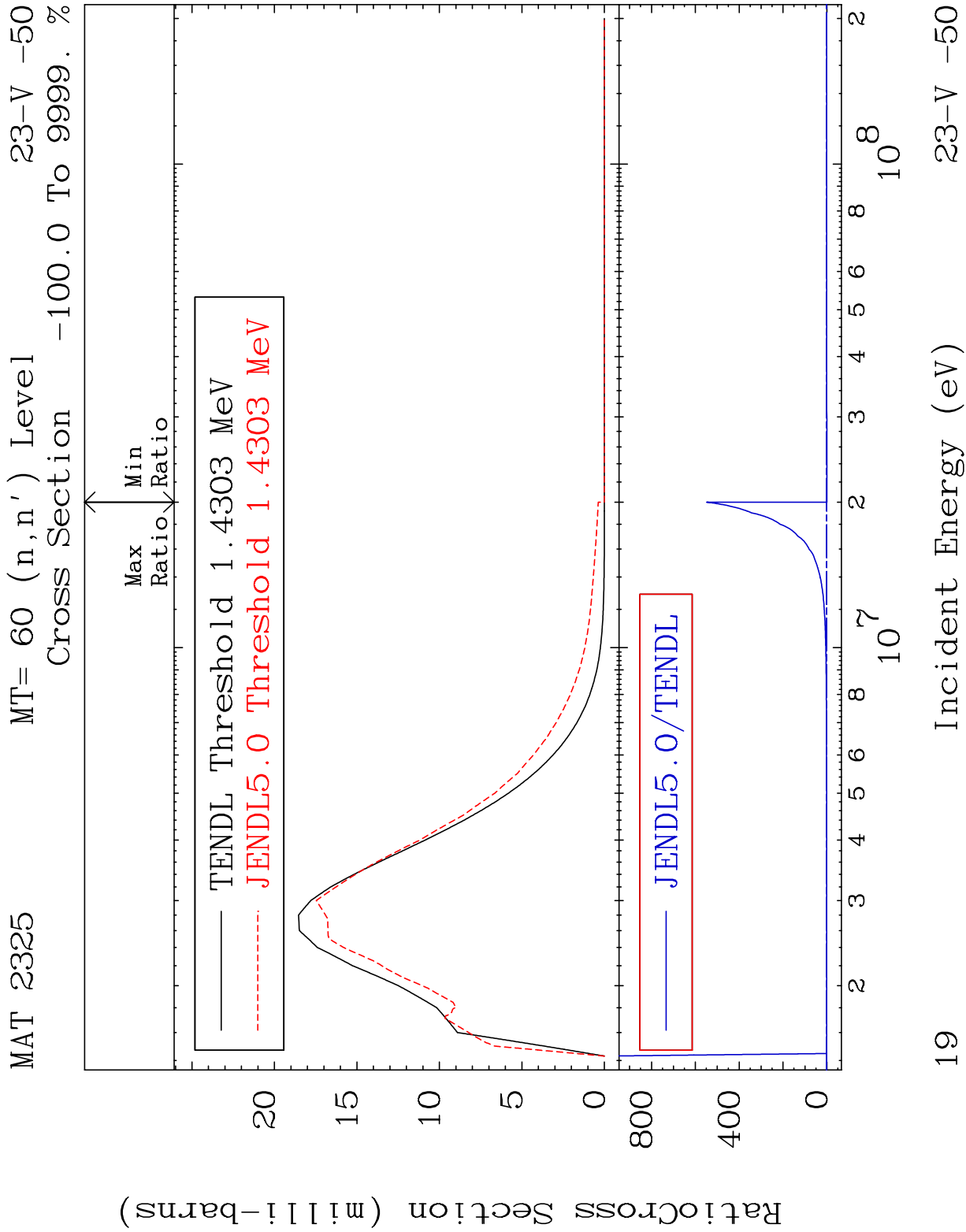
MAT 2325 MT= 58 (n,n') Level 23-V -50

Cross Section -100.0 To 371.3 %

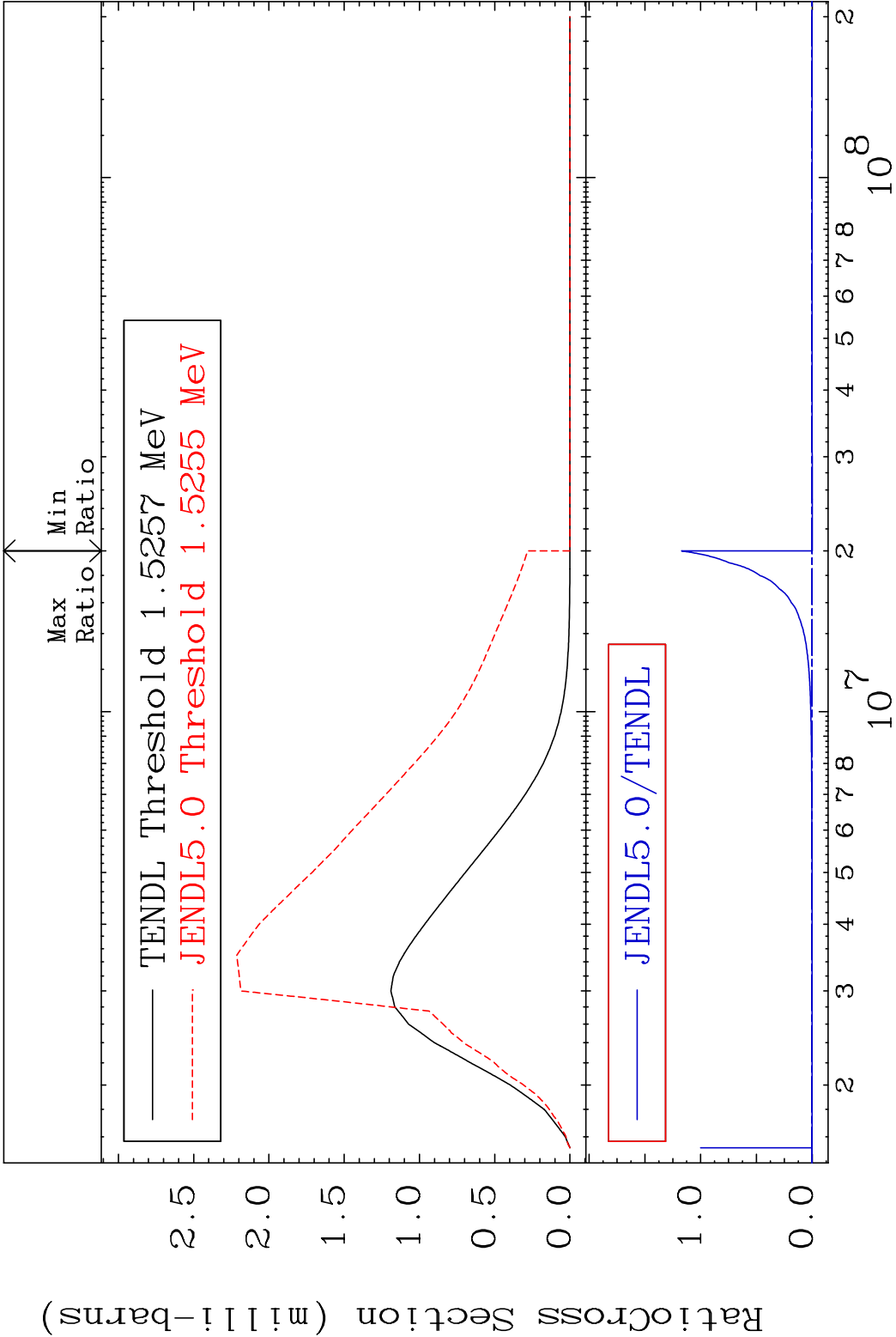


MAT 2325	MT= 59 (n,n') Level	23-V -50
	Cross Section	-100.0 To 9999. %

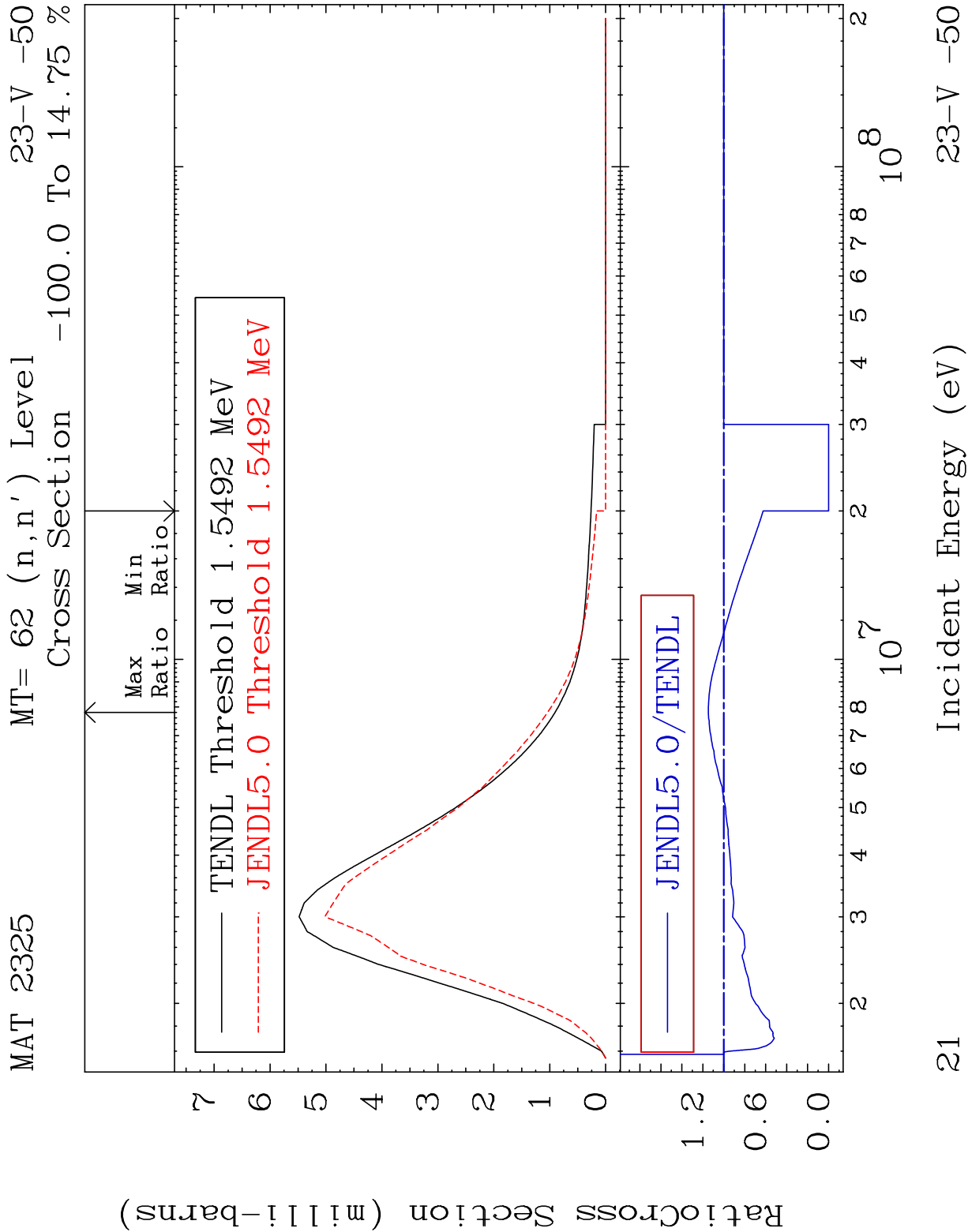




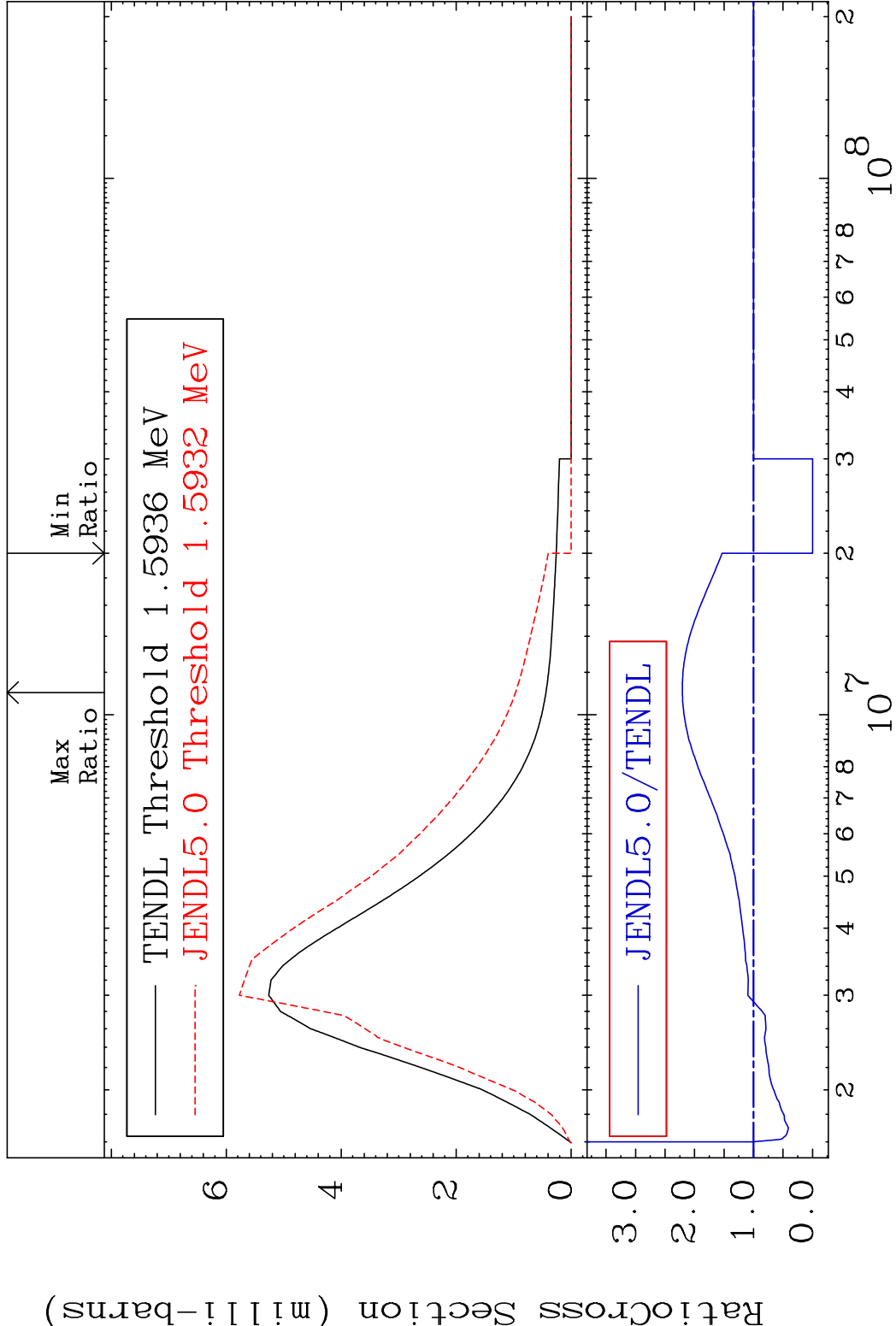
MAT 2325 MT= 61 (n,n') Level 23-V -50
Cross Section -100.0 To 9999. %



20 Incident Energy (eV) 23-V -50

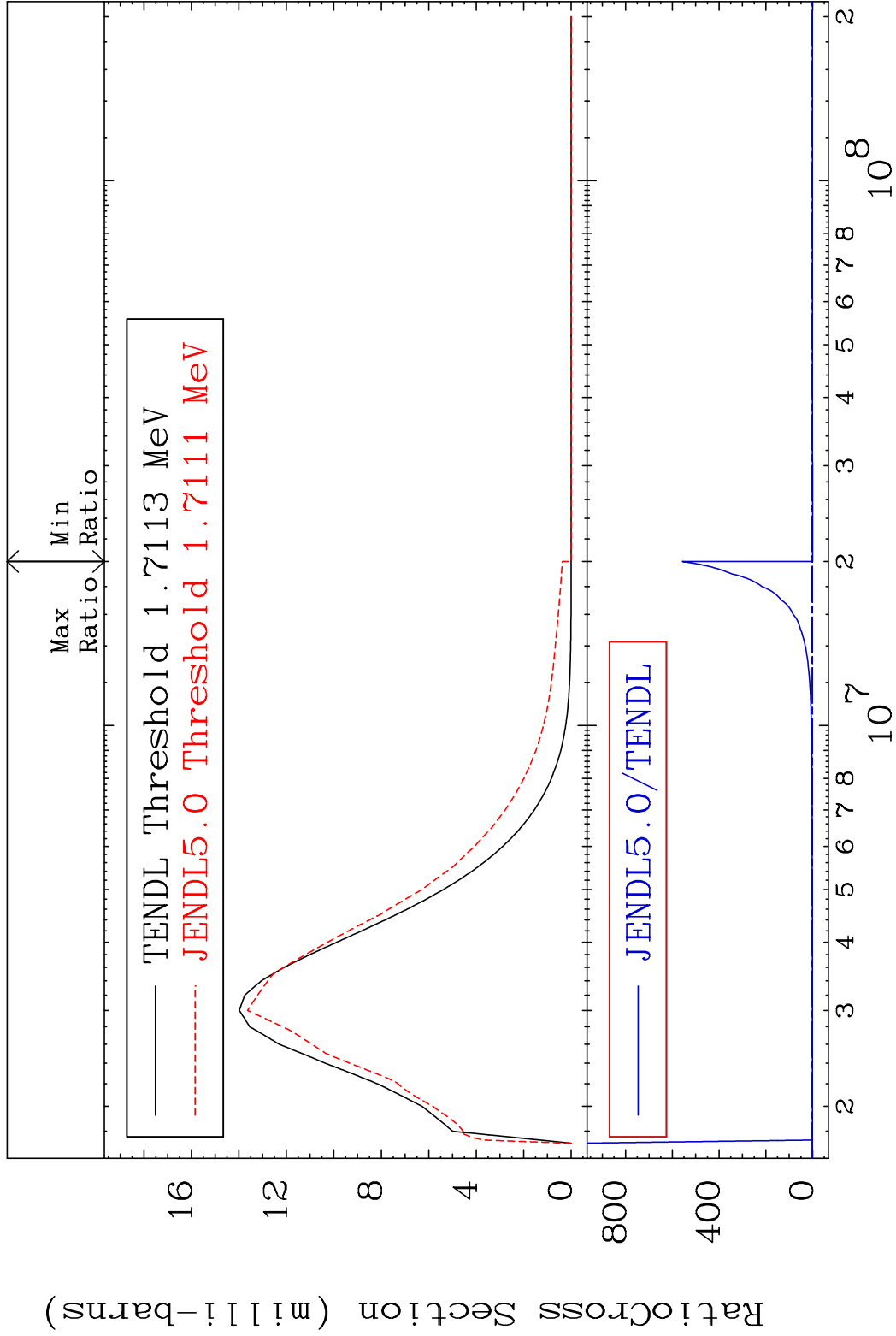


MAT 2325 MT= 63 (n,n') Level 23-V -50
Cross Section -100.0 To 120.7 %



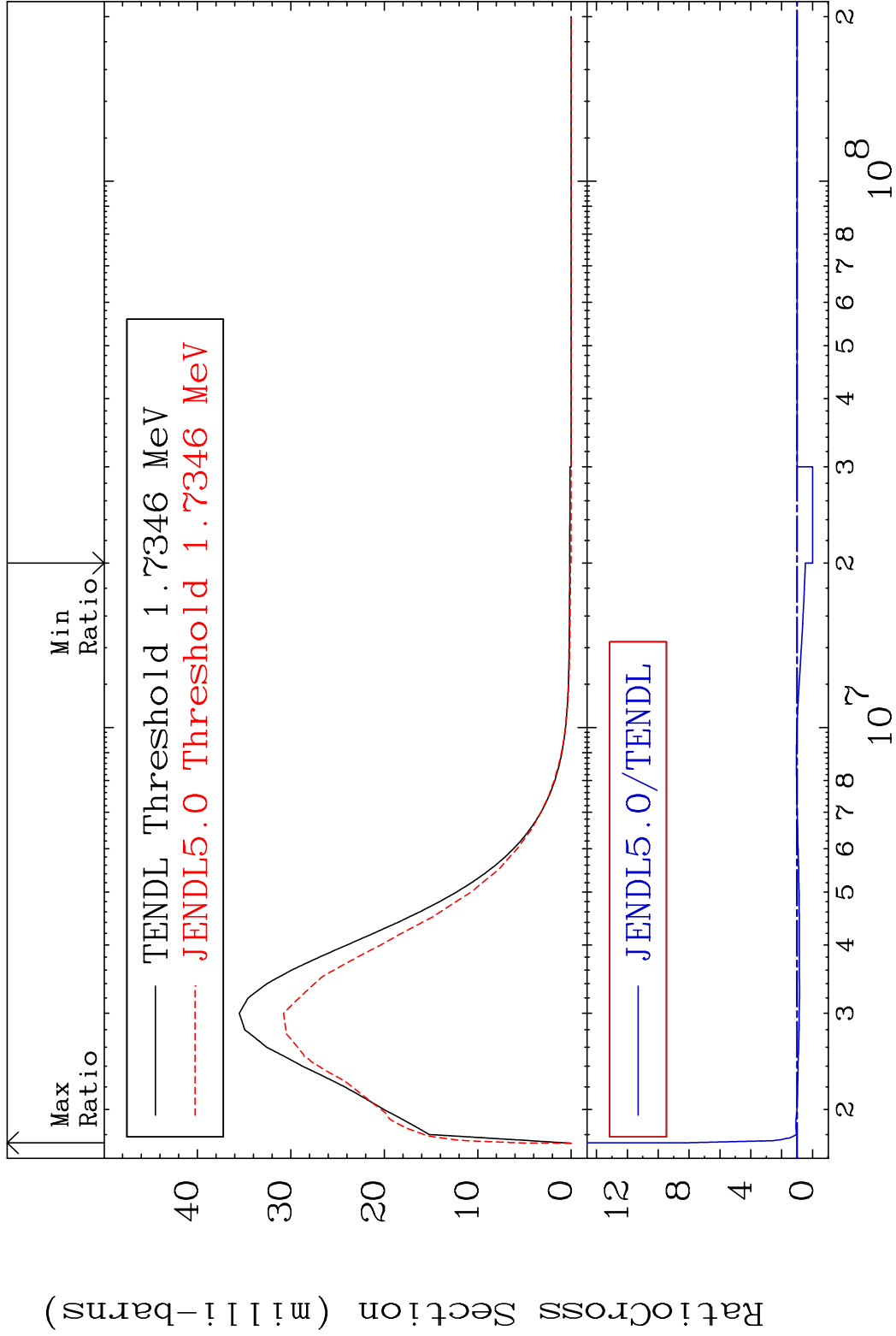
22 Incident Energy (eV) 23-V -50

MAT 2325 MT= 64 (n,n') Level 23-V -50
Cross Section -100.0 To 9999. %

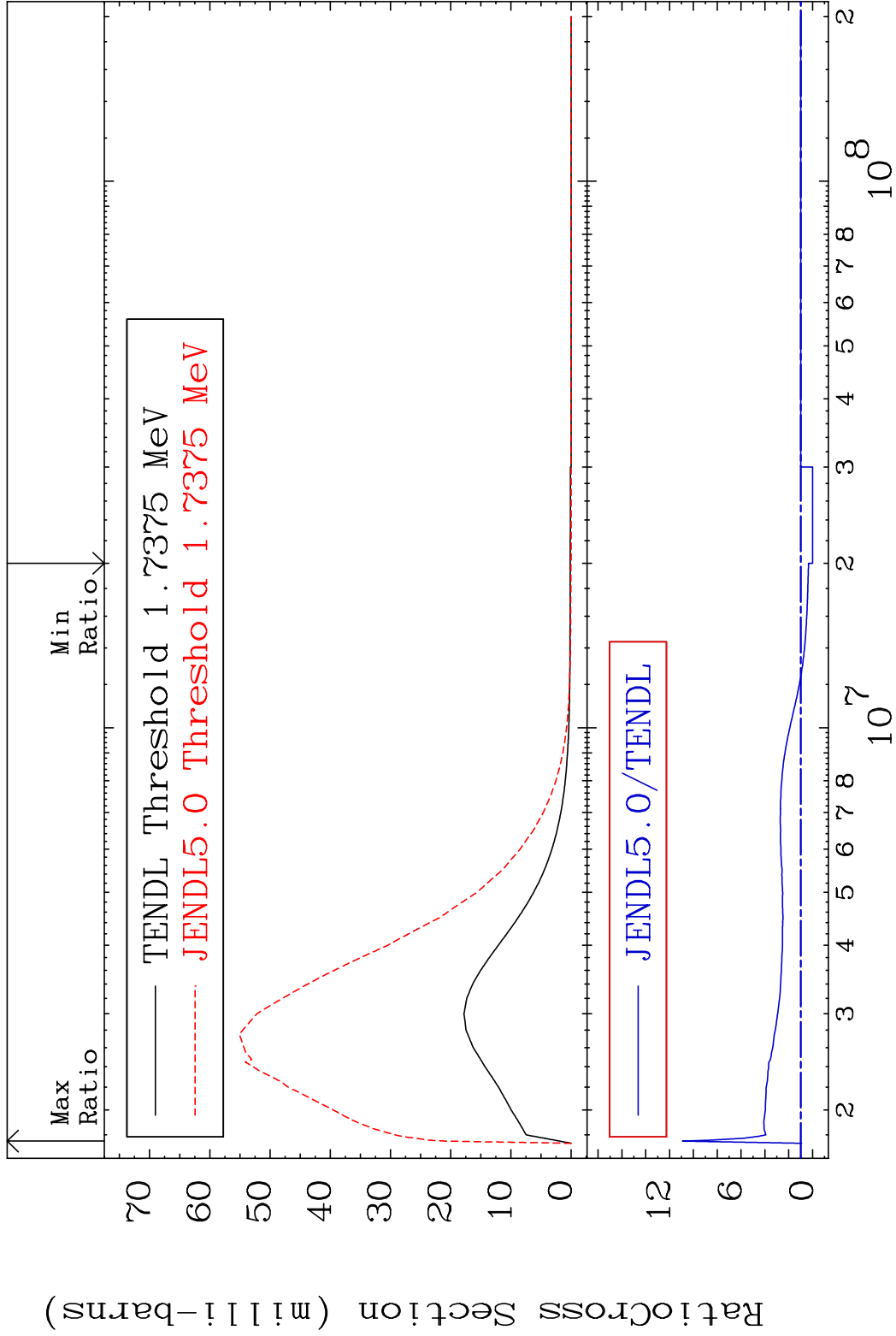


23 Incident Energy (eV) 23-V -50

MAT 2325 MT= 65 (n,n') Level 23-V -50
Cross Section -100.0 To 743.8 %

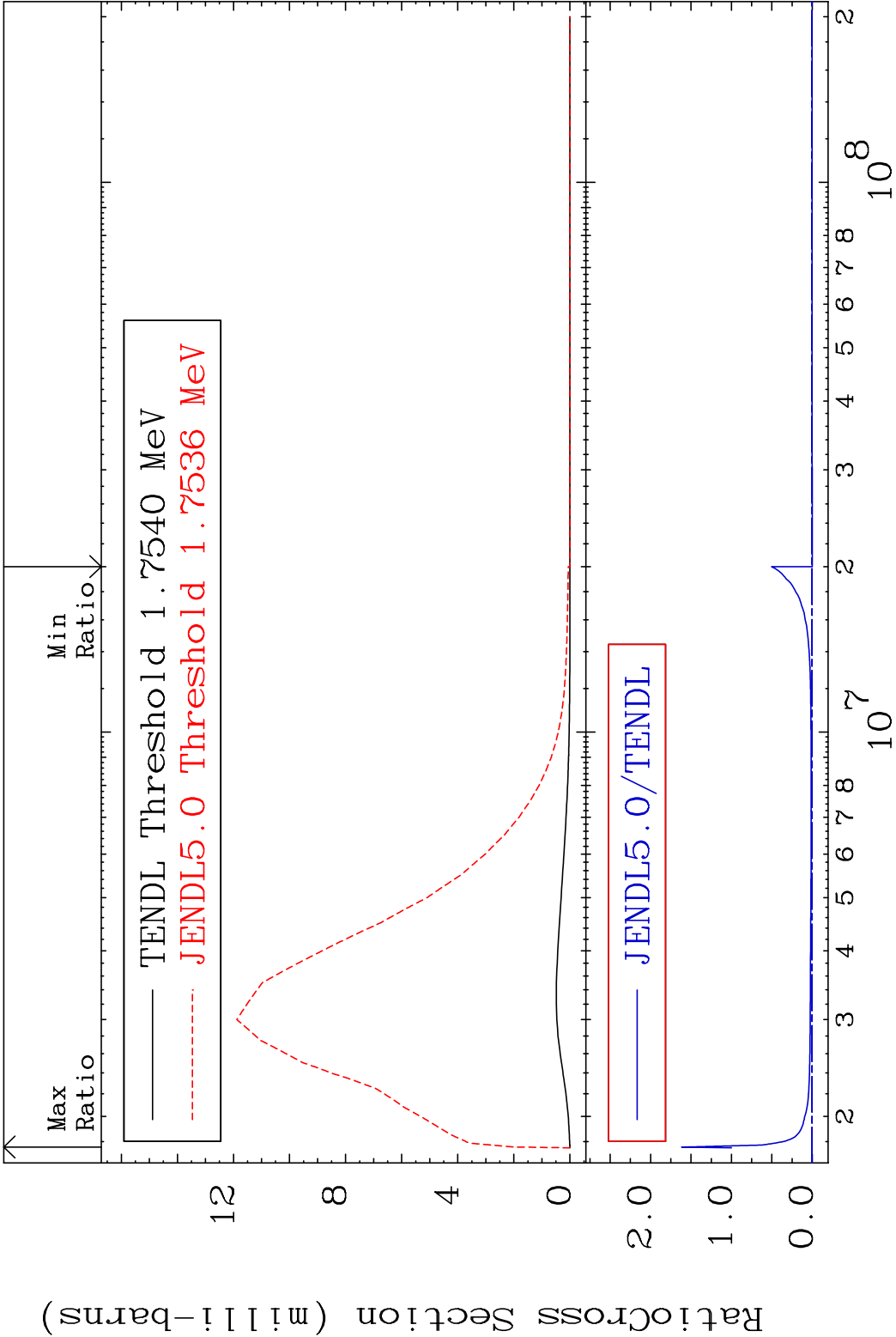


MAT 2325 MT= 66 (n,n') Level 23-V -50
Cross Section -100.0 To 992.8 %

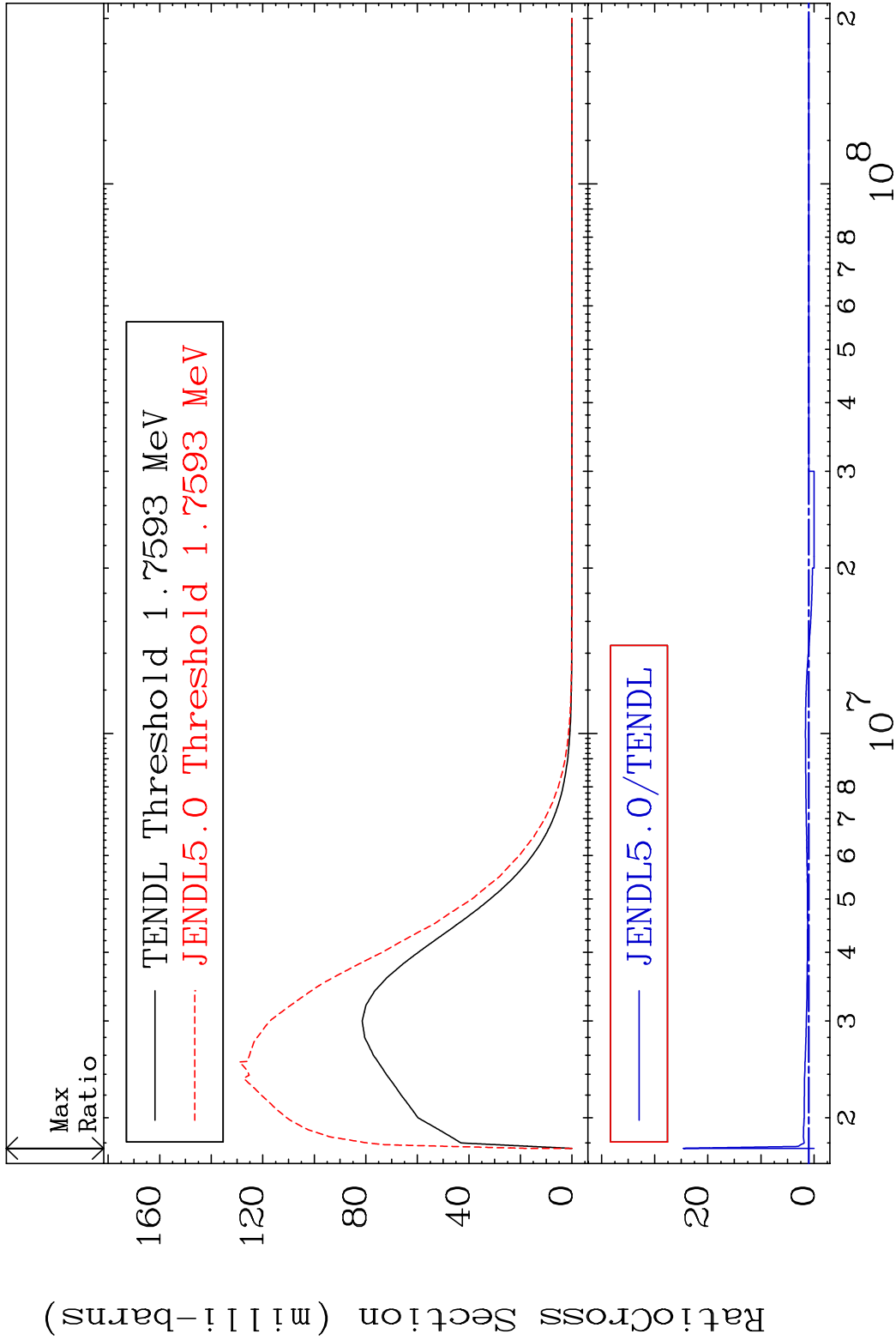


25 Incident Energy (eV) 23-V -50

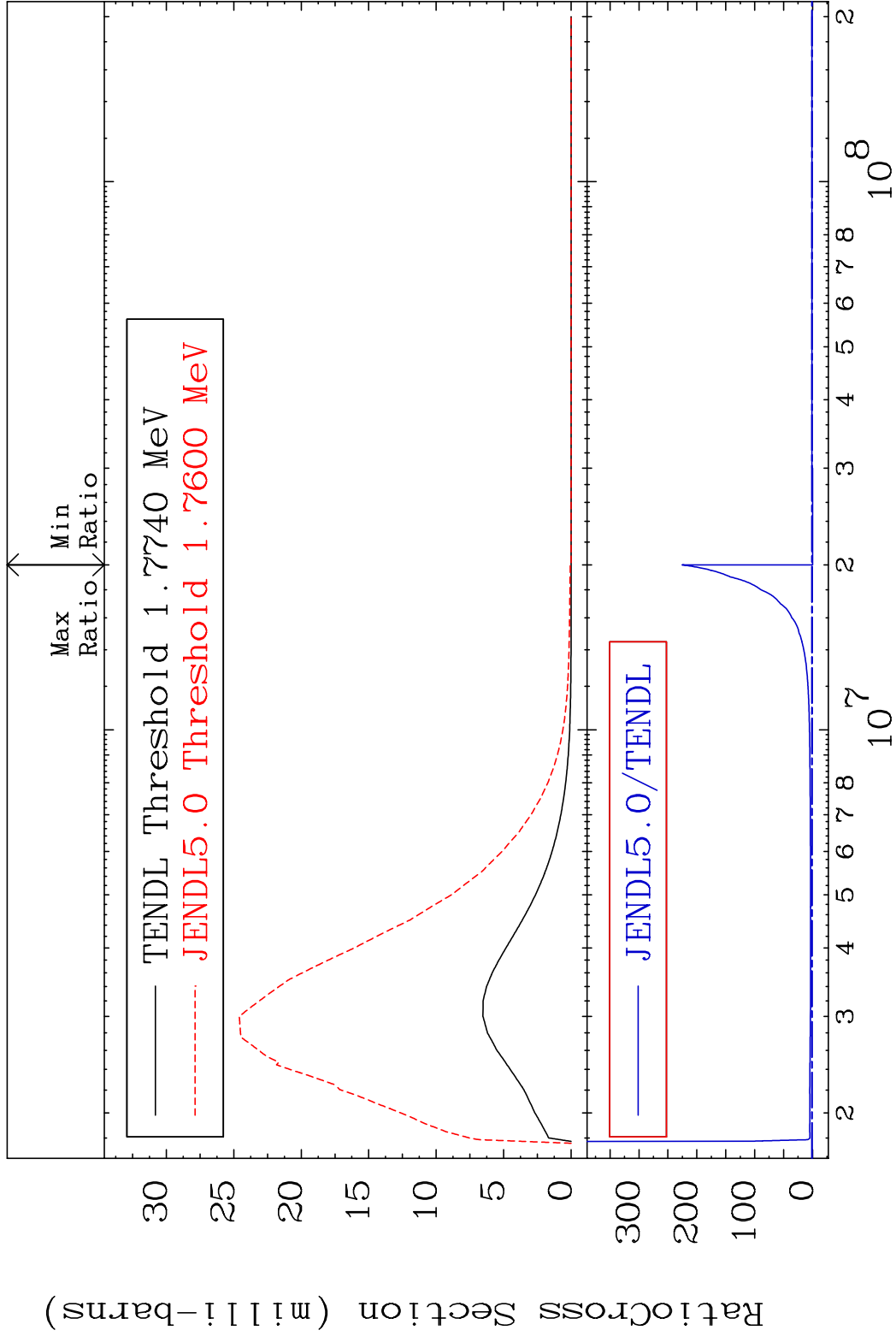
MAT 2325 MT= 67 (n,n') Level 23-V -50
 Cross Section -100.0 To 9999. %

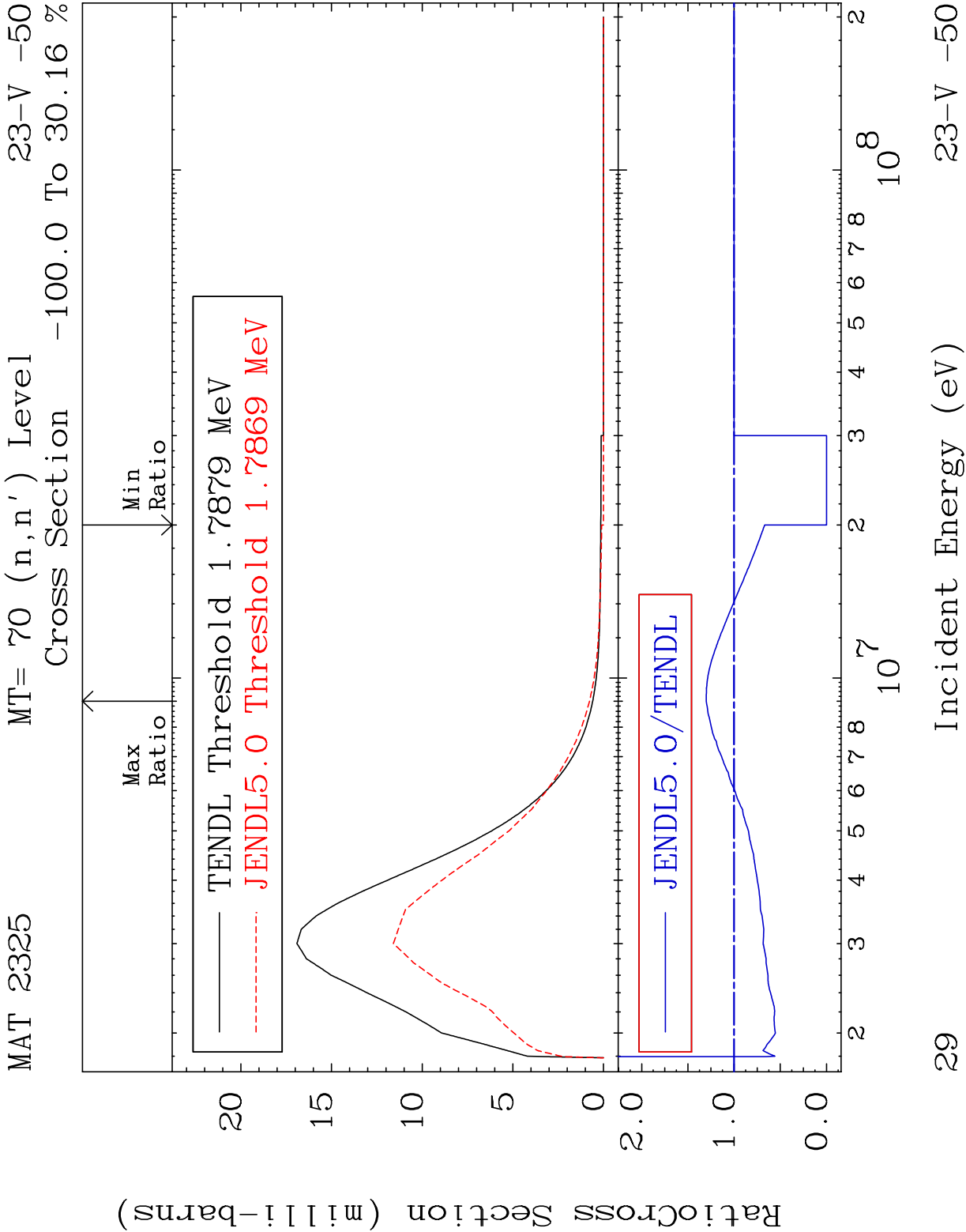


MAT 2325 MT= 68 (n,n') Level 23-V -50
Cross Section -100.0 To 2359. %

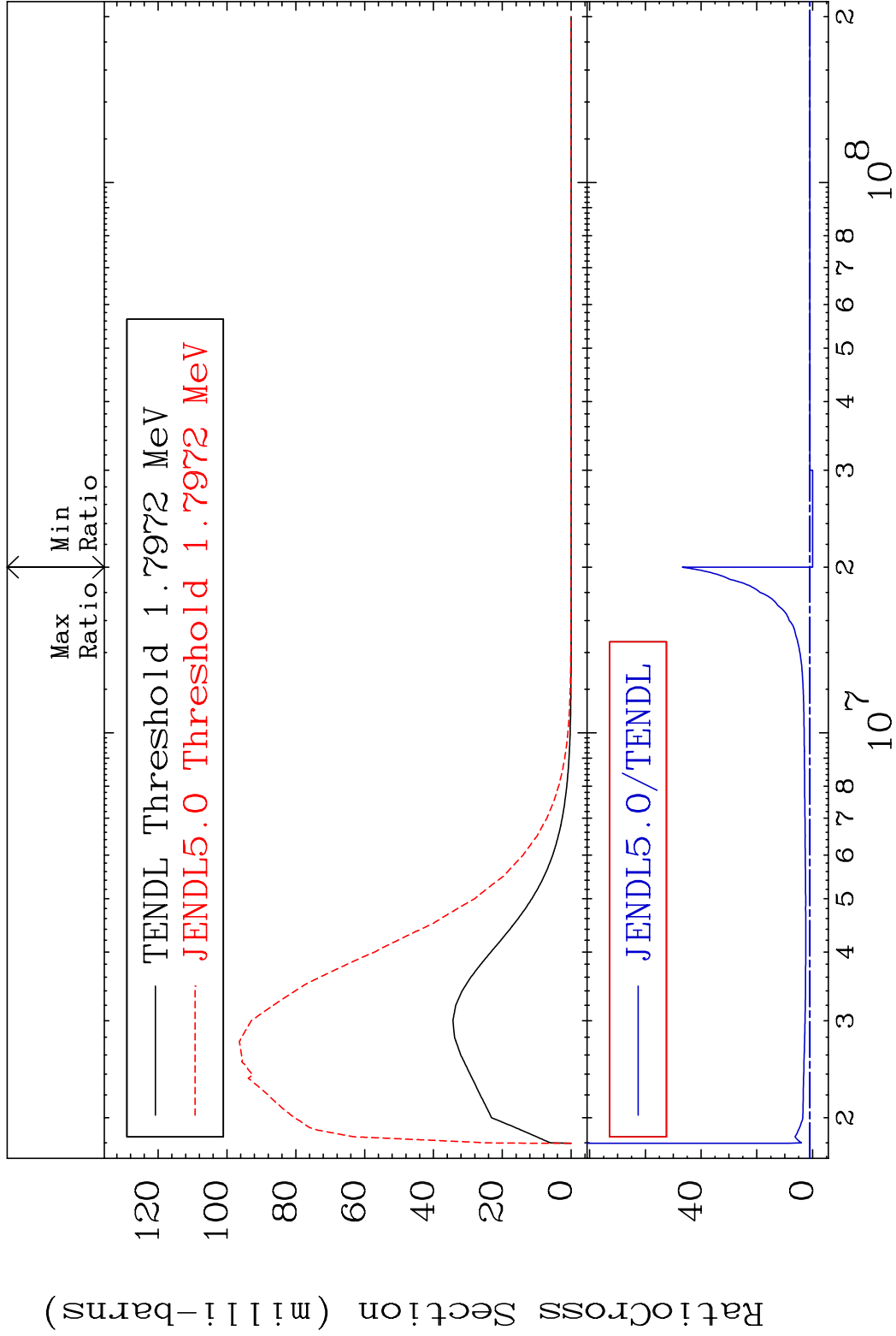


MAT 2325 MT= 69 (n,n') Level 23-V -50
 Cross Section -100.0 To 9999. %



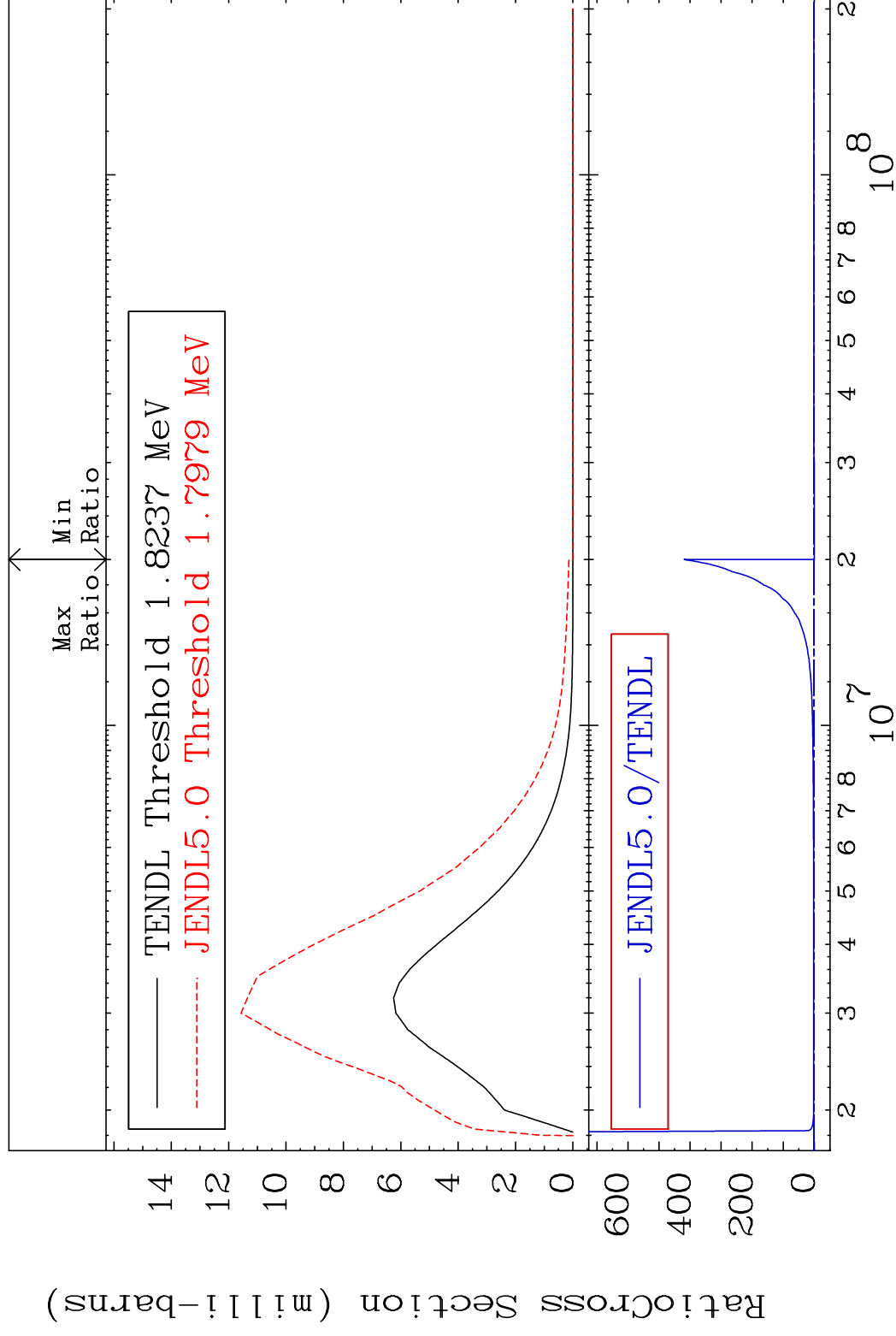


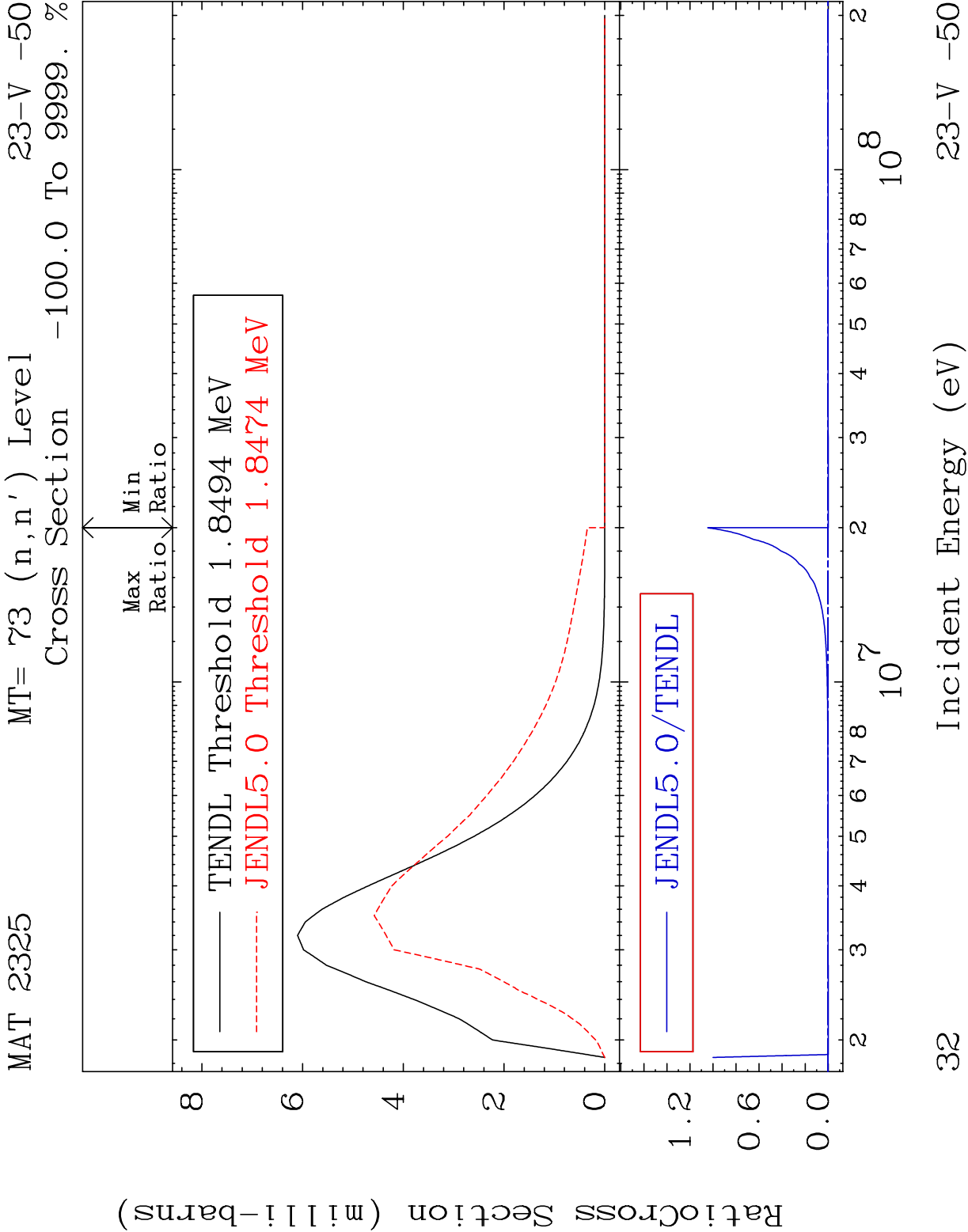
MAT 2325 MT= 71 (n,n') Level 23-V -50
Cross Section -100.0 To 4573. %



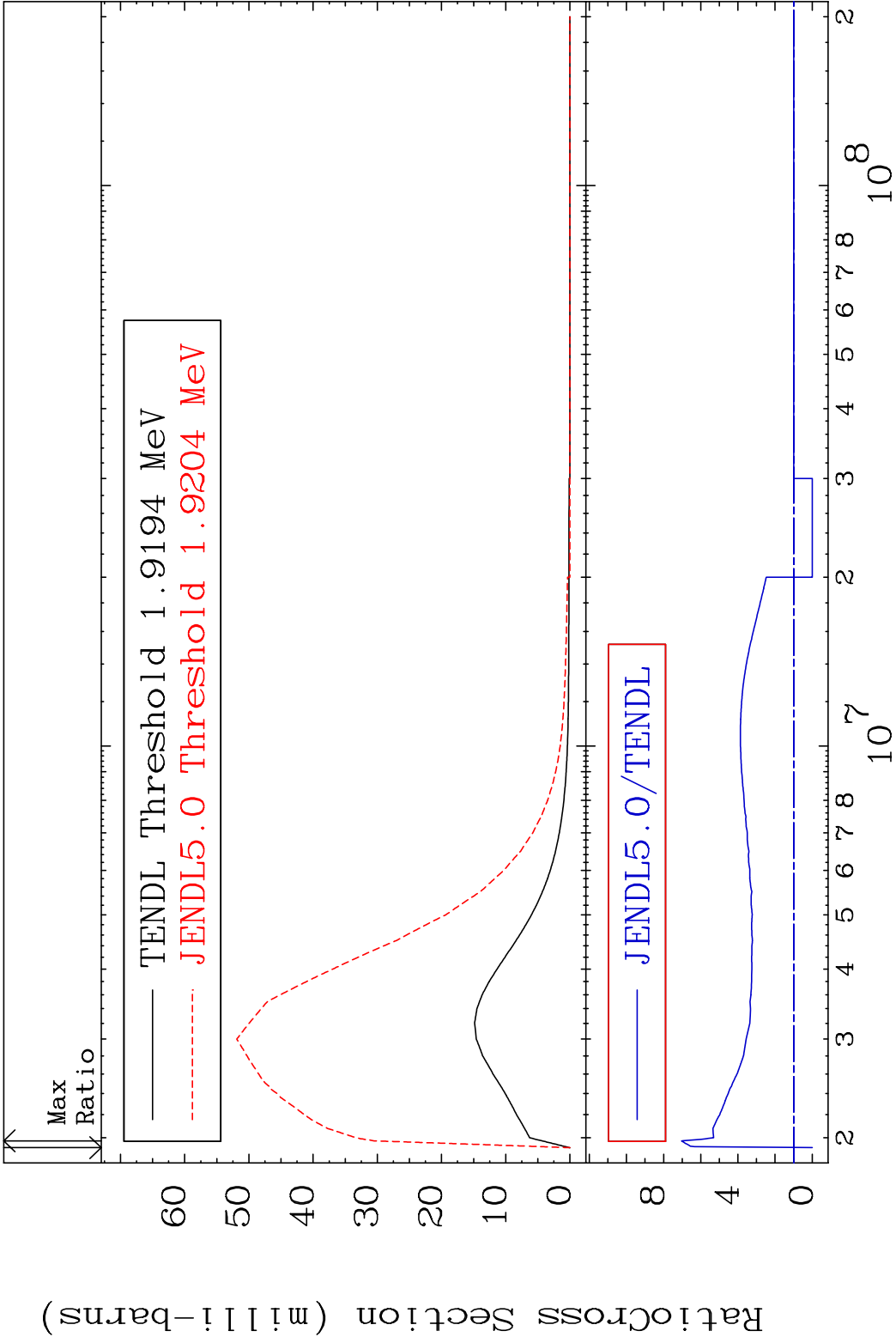
30 Incident Energy (eV) 23-V -50

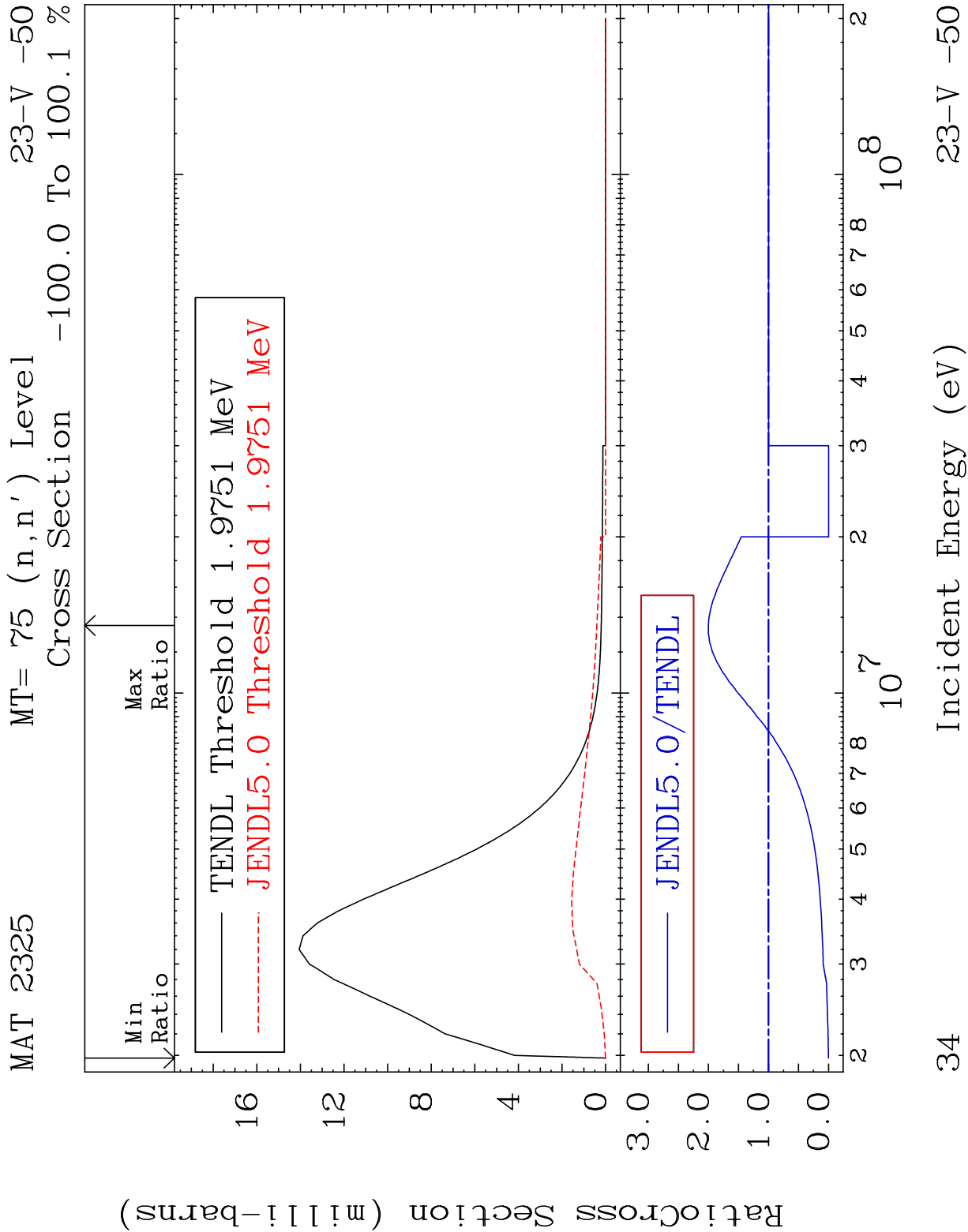
MAT	2325	MT= 72 (n, n') Level	23-V -50
		Cross Section	-100.0 To 9999. %



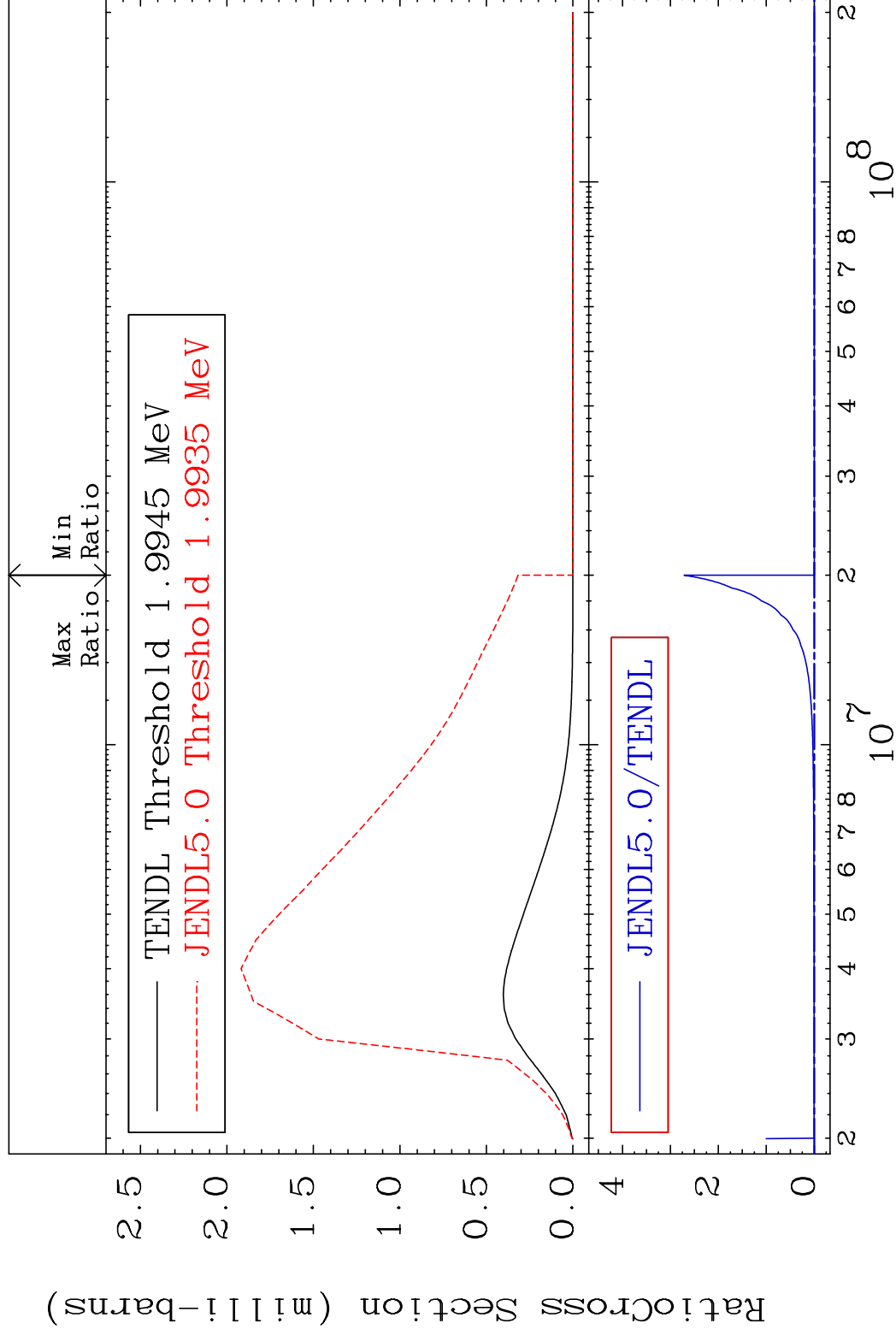


MAT 2325 MT= 74 (n,n') Level 23-V -50
 Cross Section -100.0 To 603.6 %



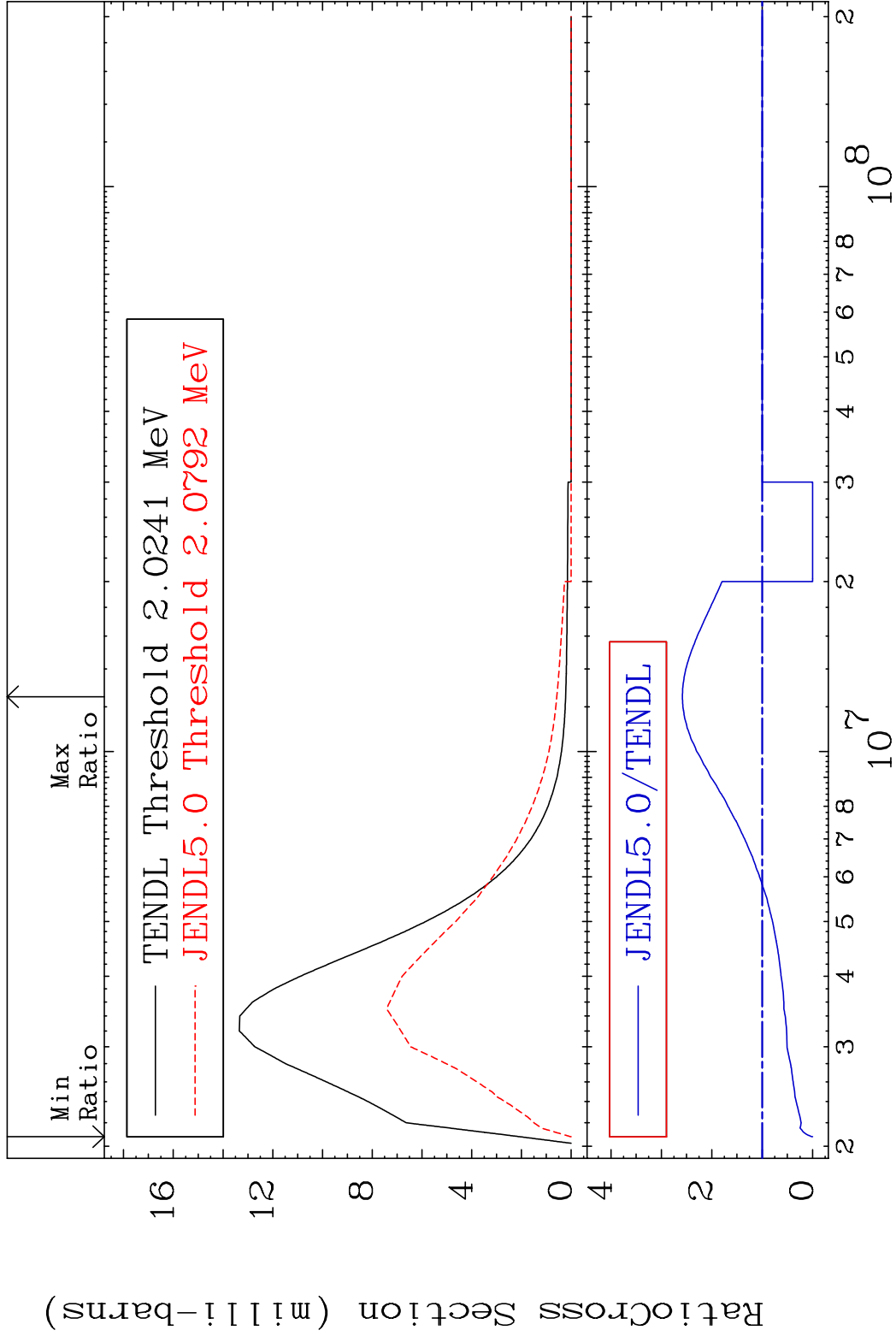


MAT	2325	MT= 76 (n, n') Level	23-V -50
		Cross Section	-100.0 To 9999. %

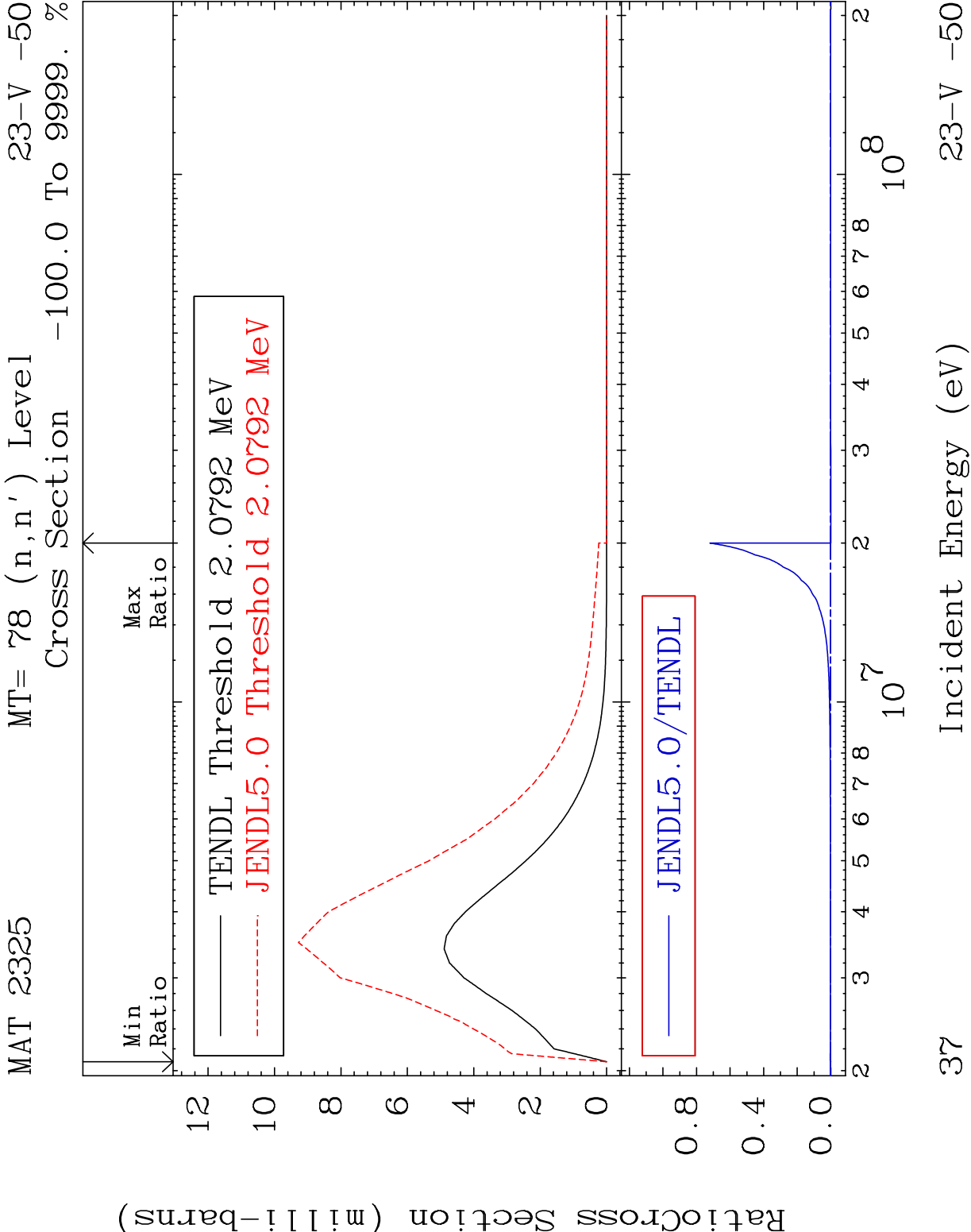


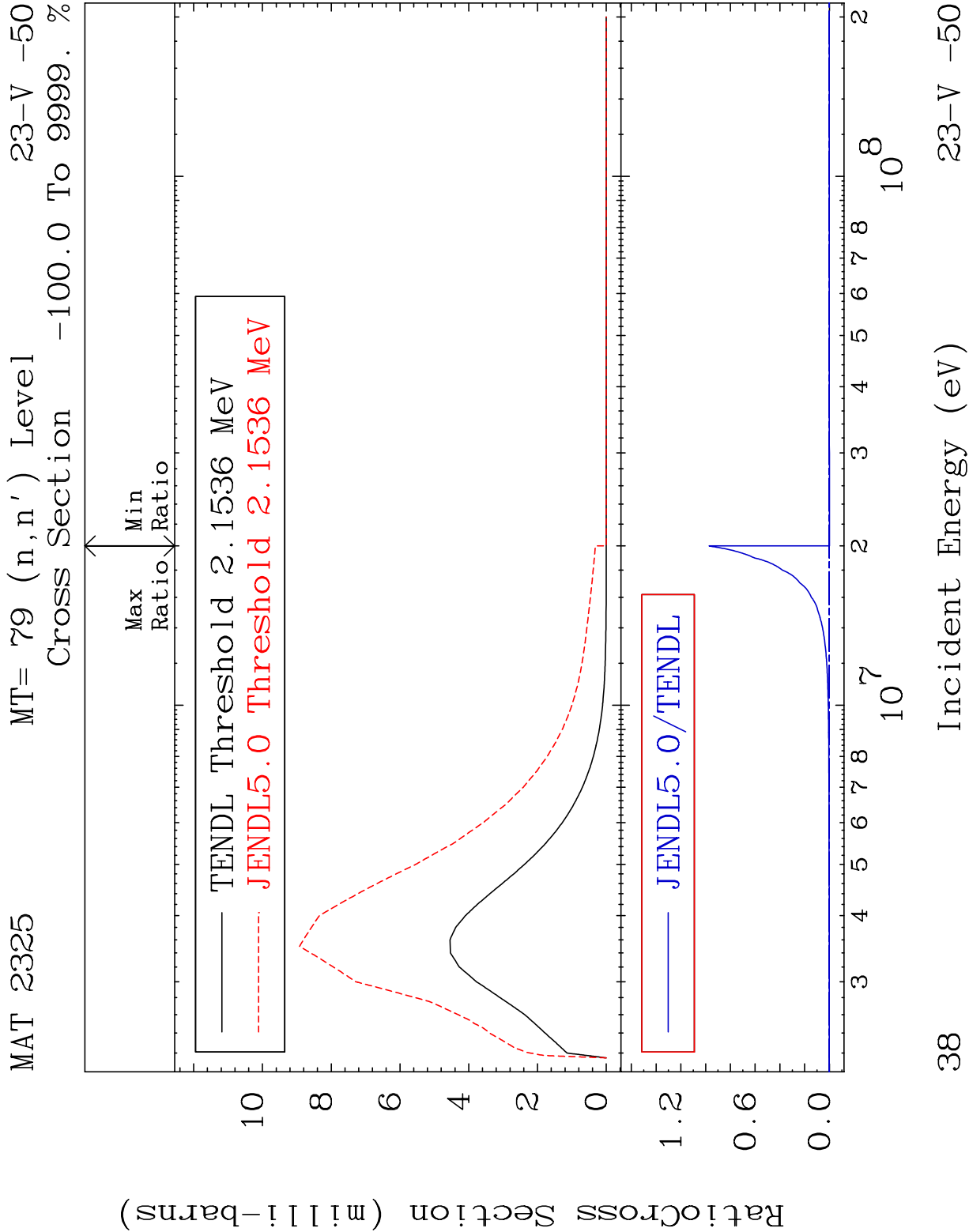
MAT 2325 MT= 77 (n,n') Level 23-V -50

Cross Section -100.0 To 158.3 %

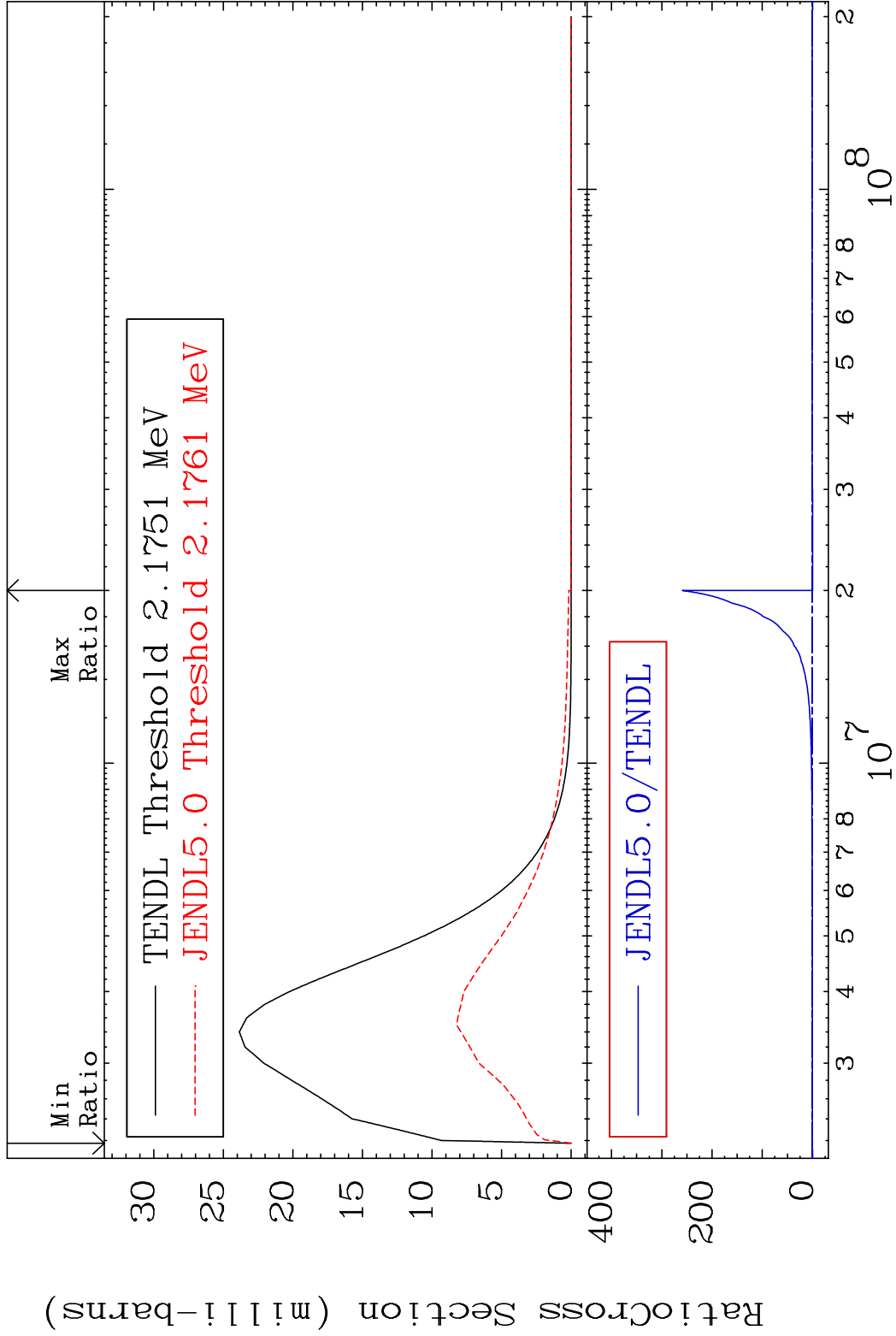


36 Incident Energy (eV) 23-V -50





MAT 2325 MT= 80 (n,n') Level 23-V -50
Cross Section -100.0 To 9999. %

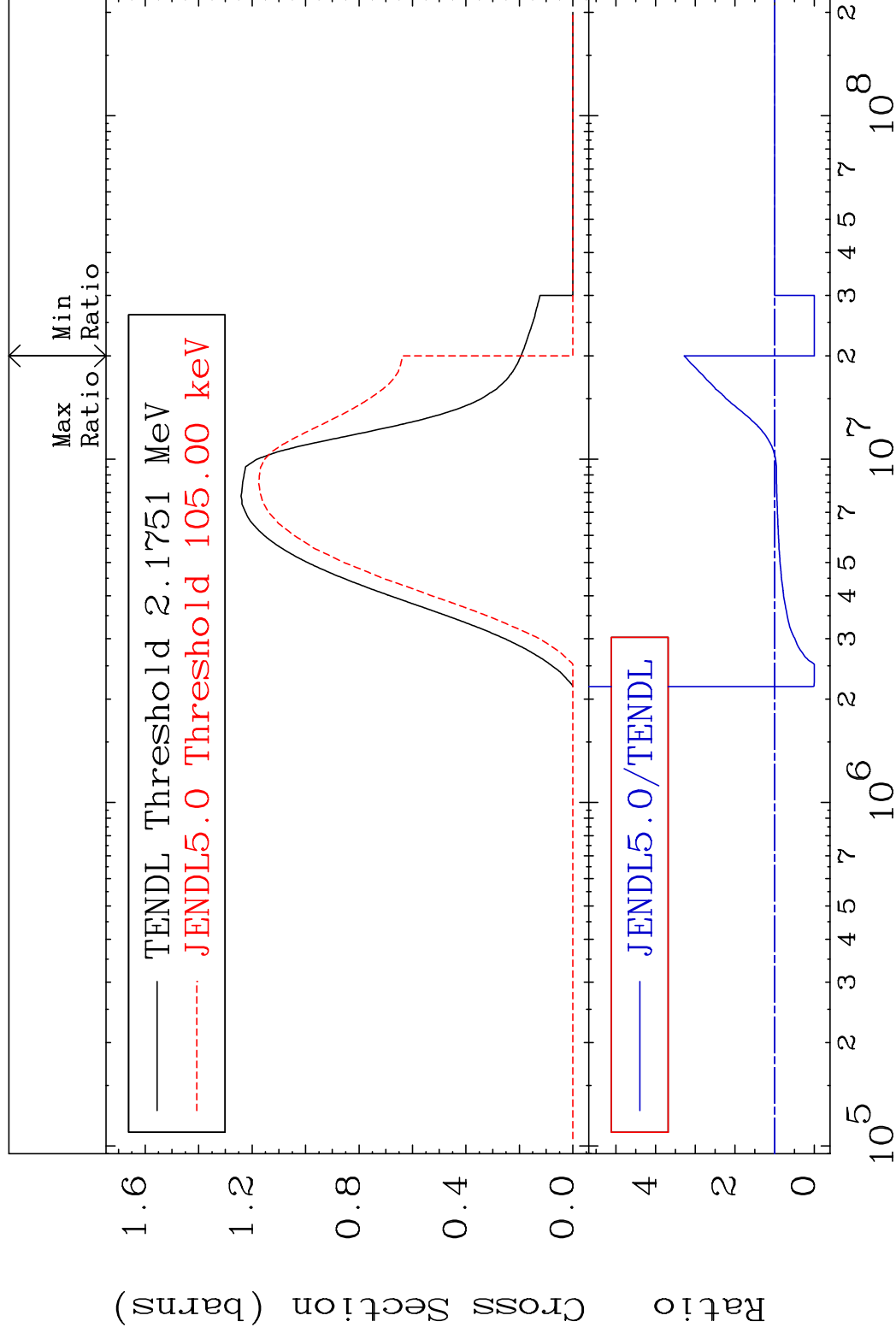


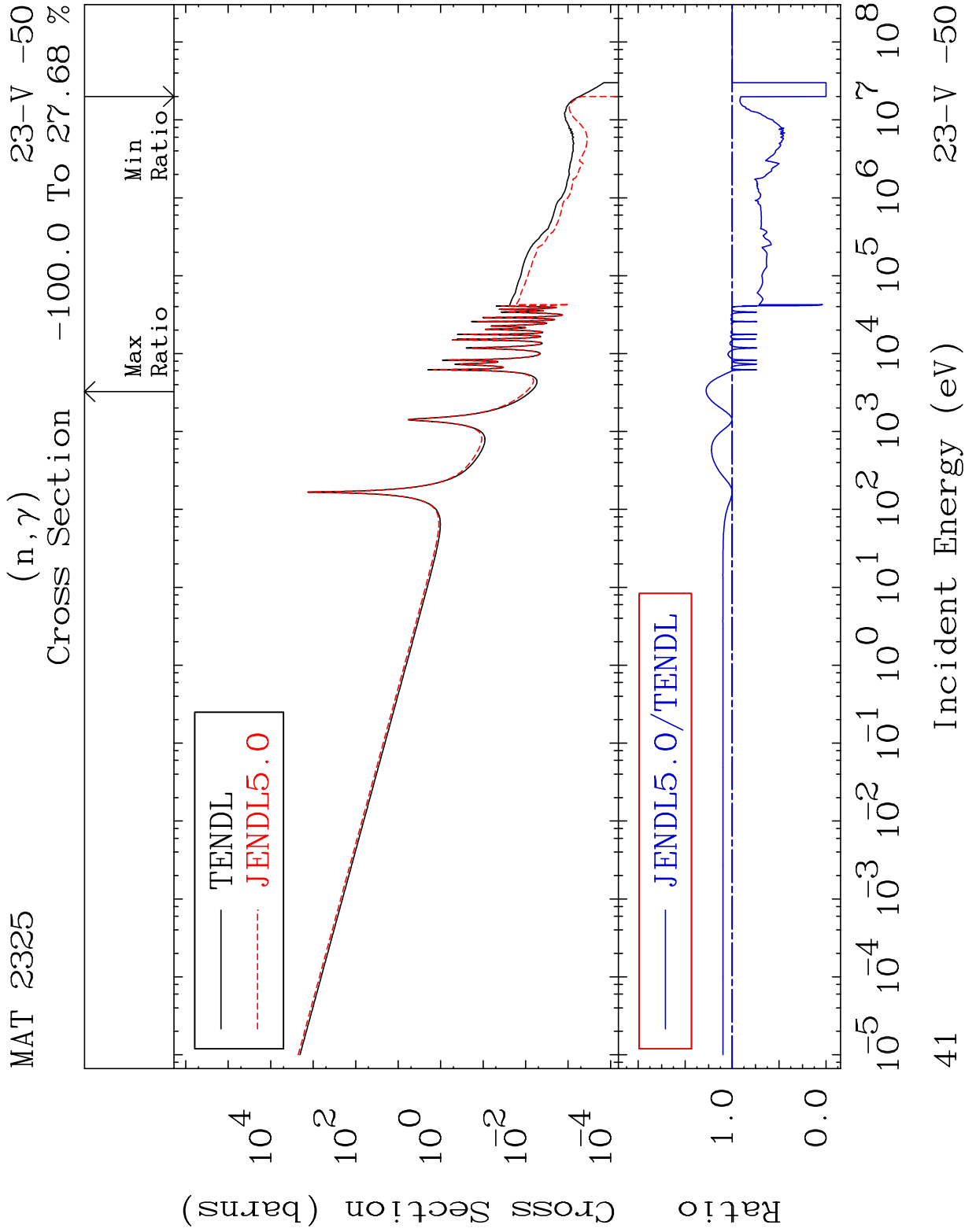
MAT 2325

(n, n') Continuum

23-V -50

Cross Section



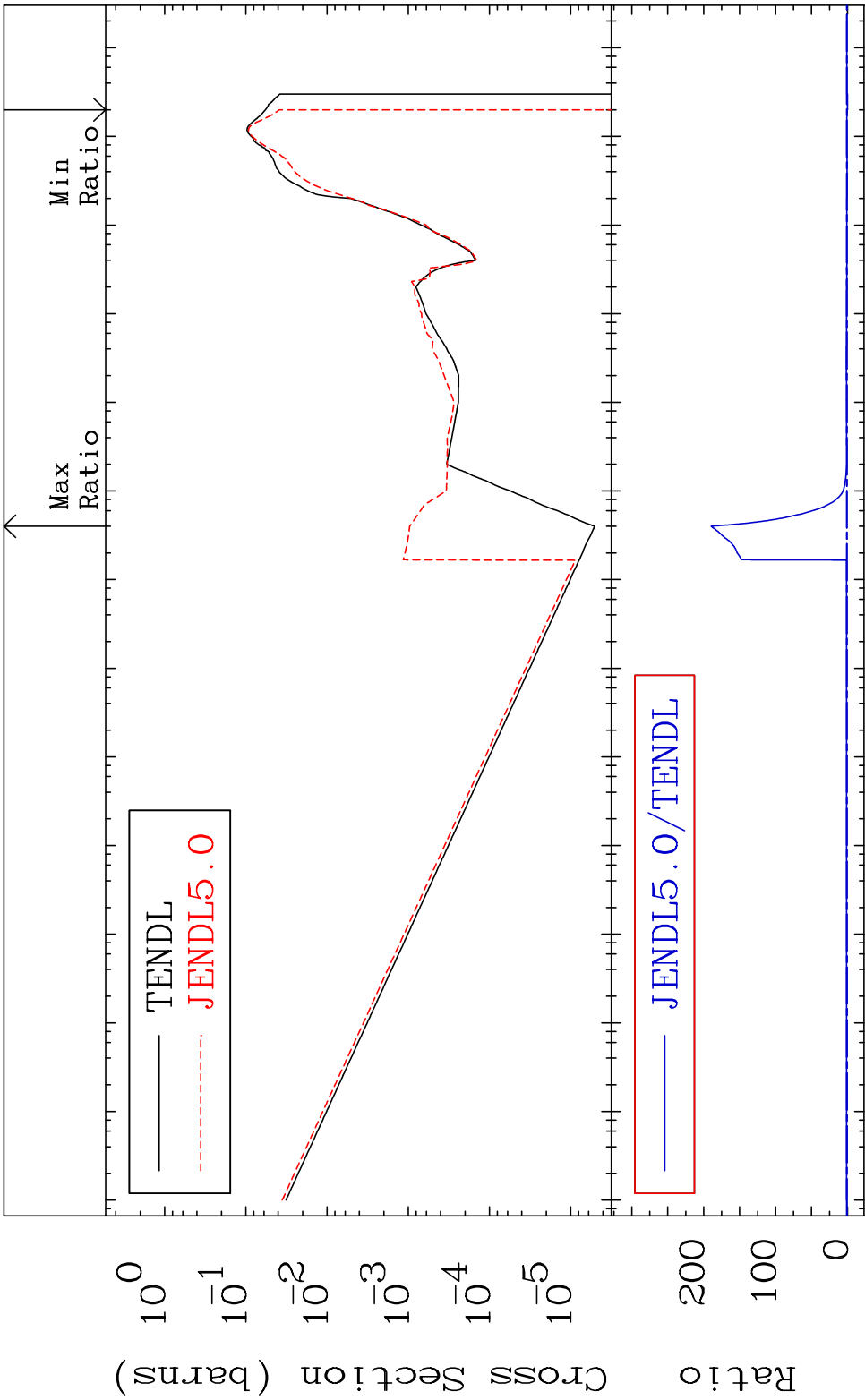


MAT 2325

(n,p)

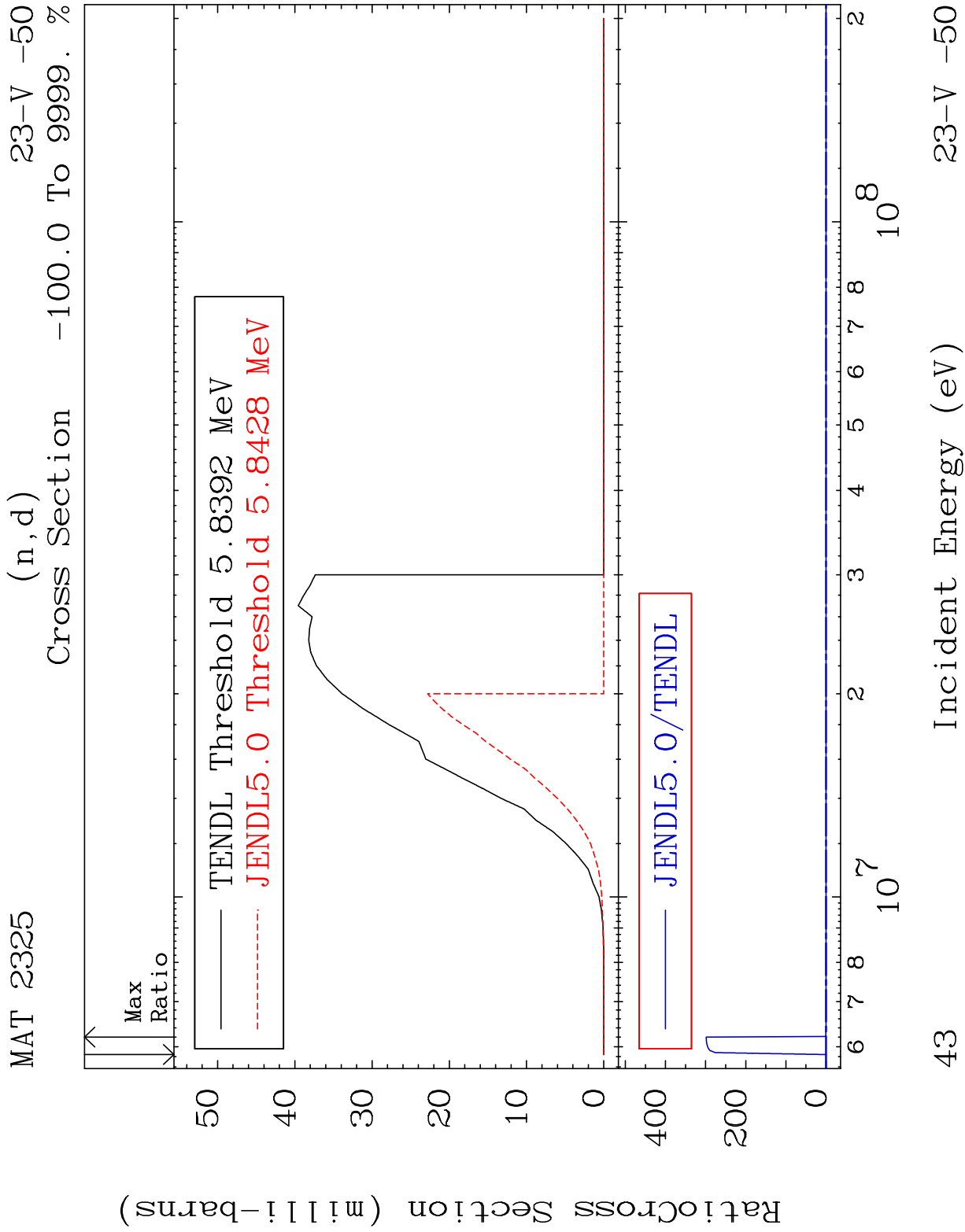
23-V -50

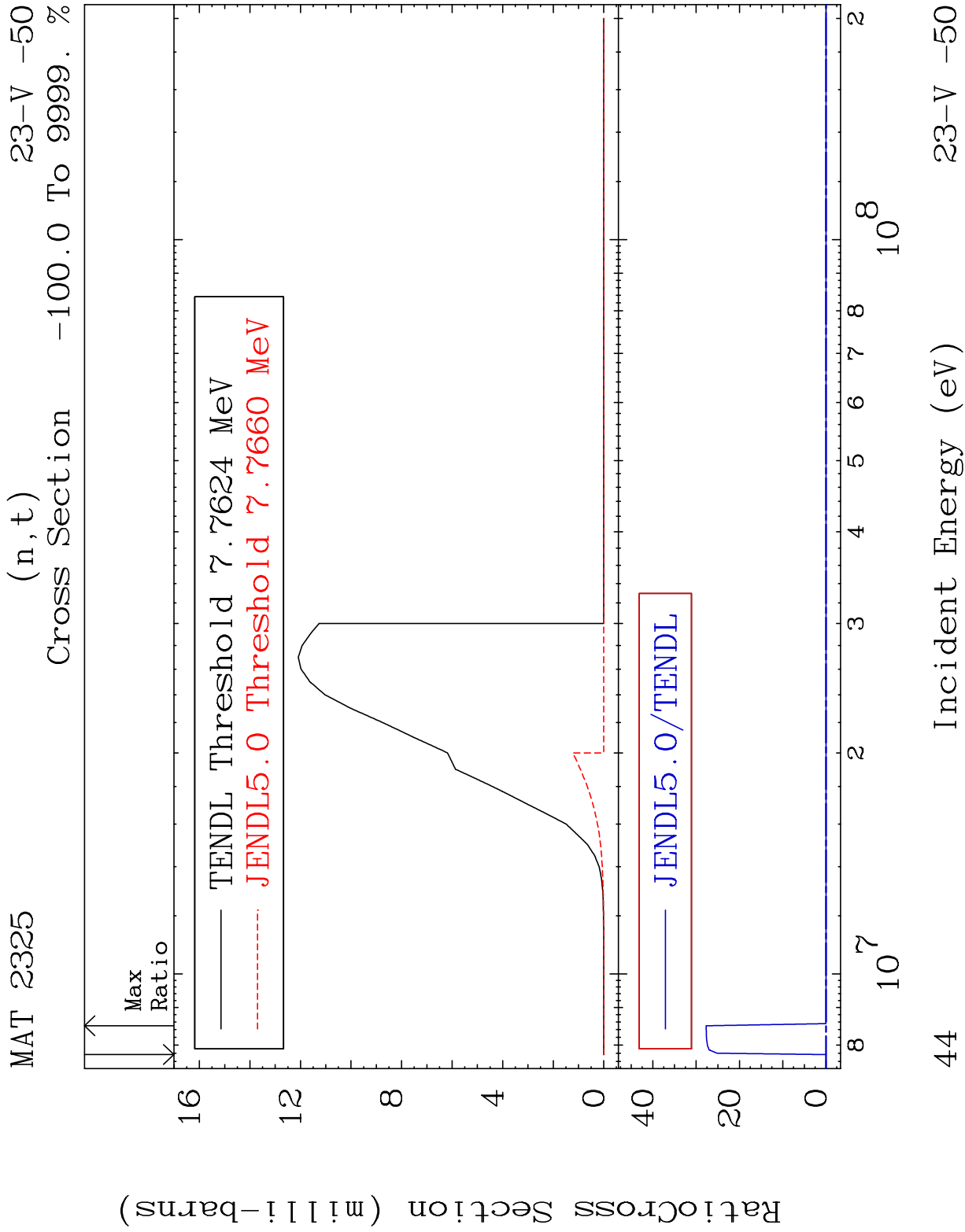
Cross Section -100.0 To 9999. %

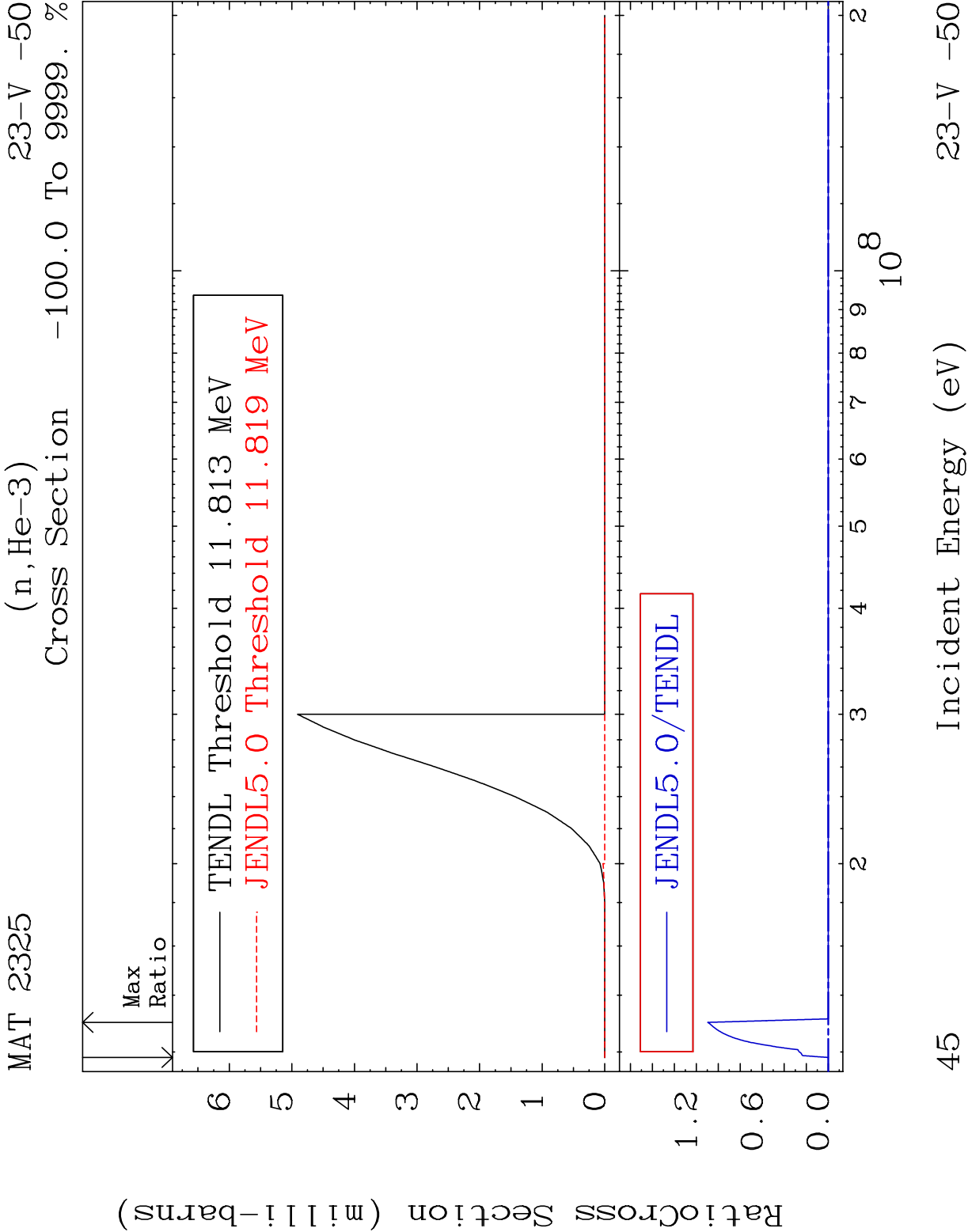


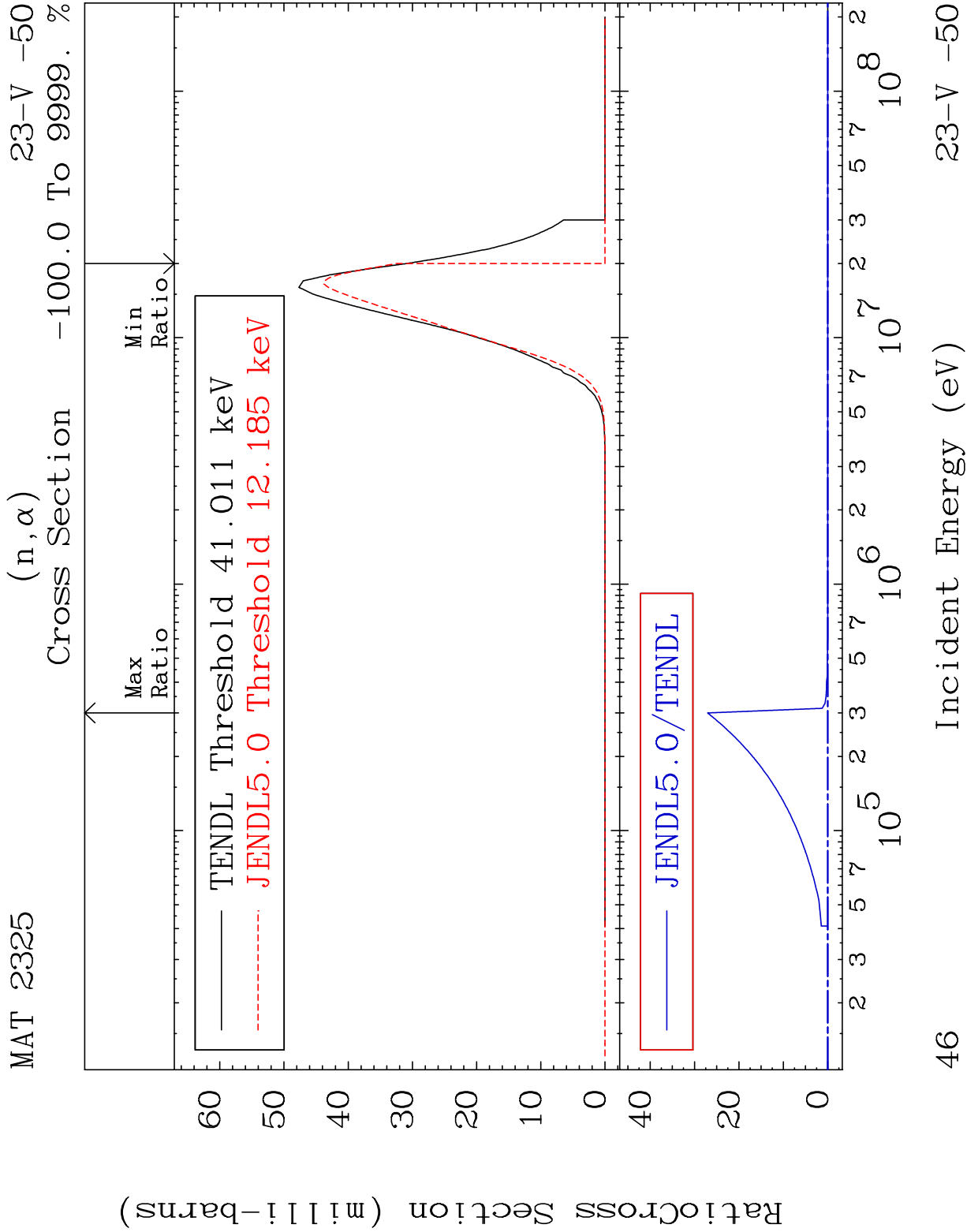
Incident Energy (eV) 23-V -50

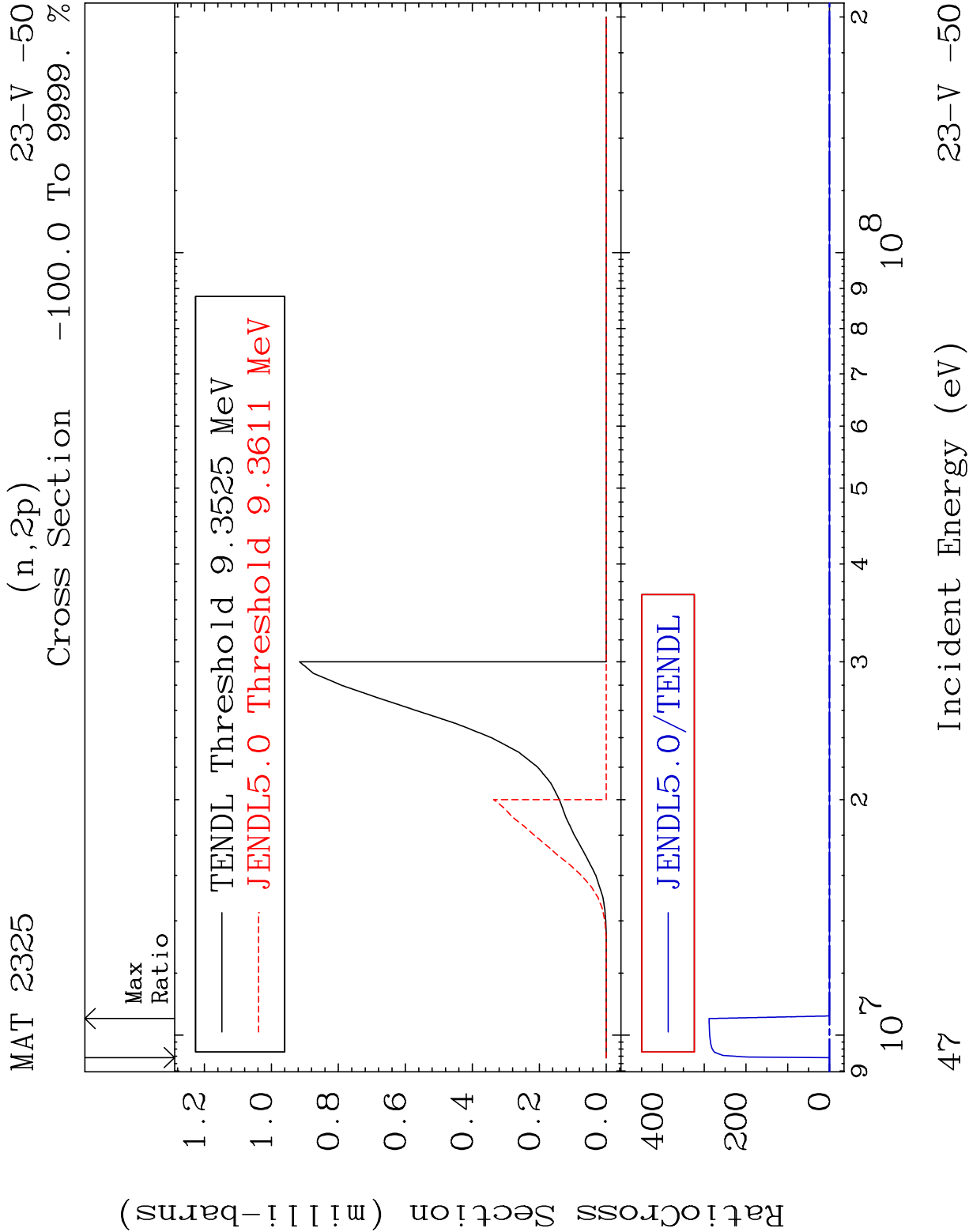
42

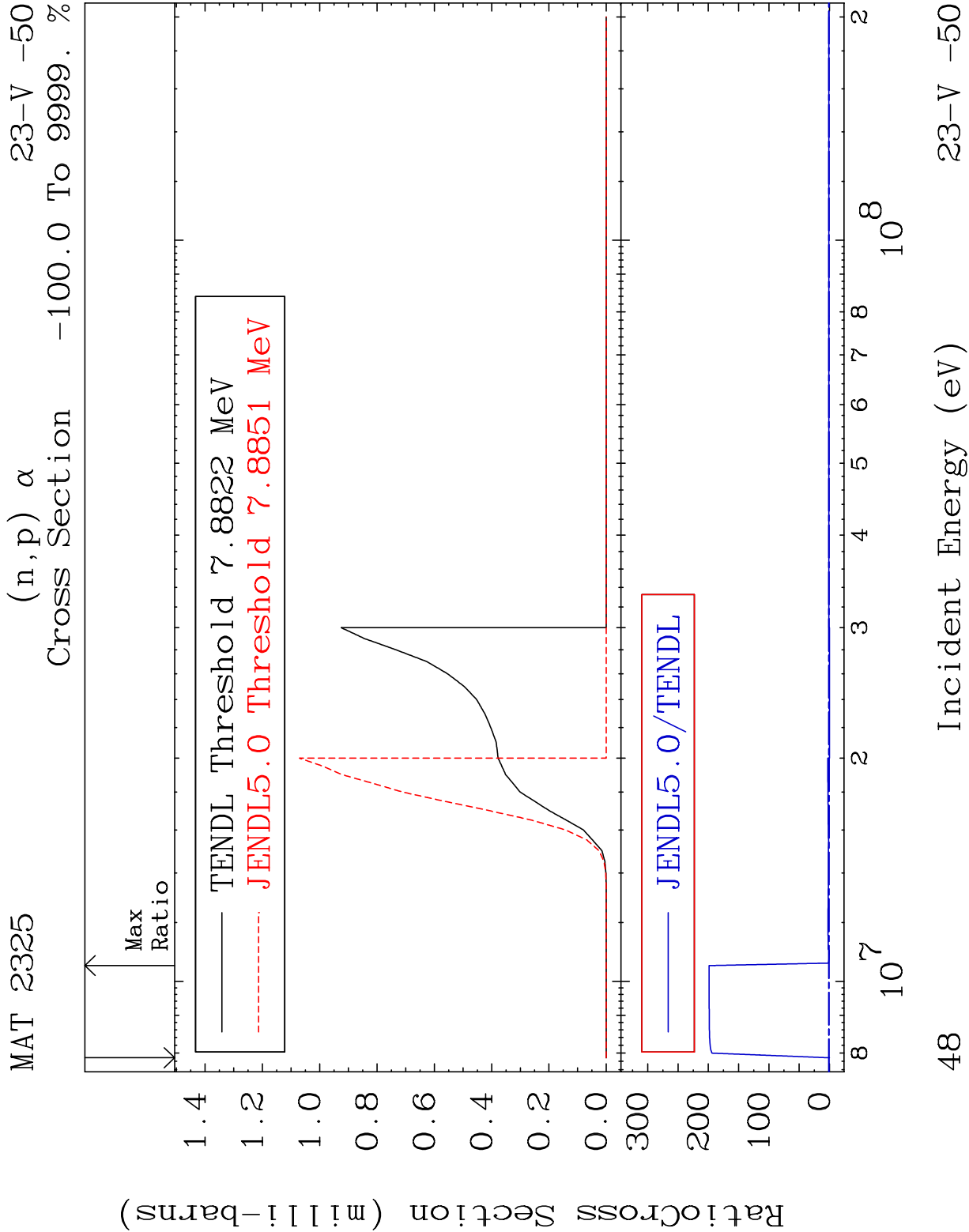


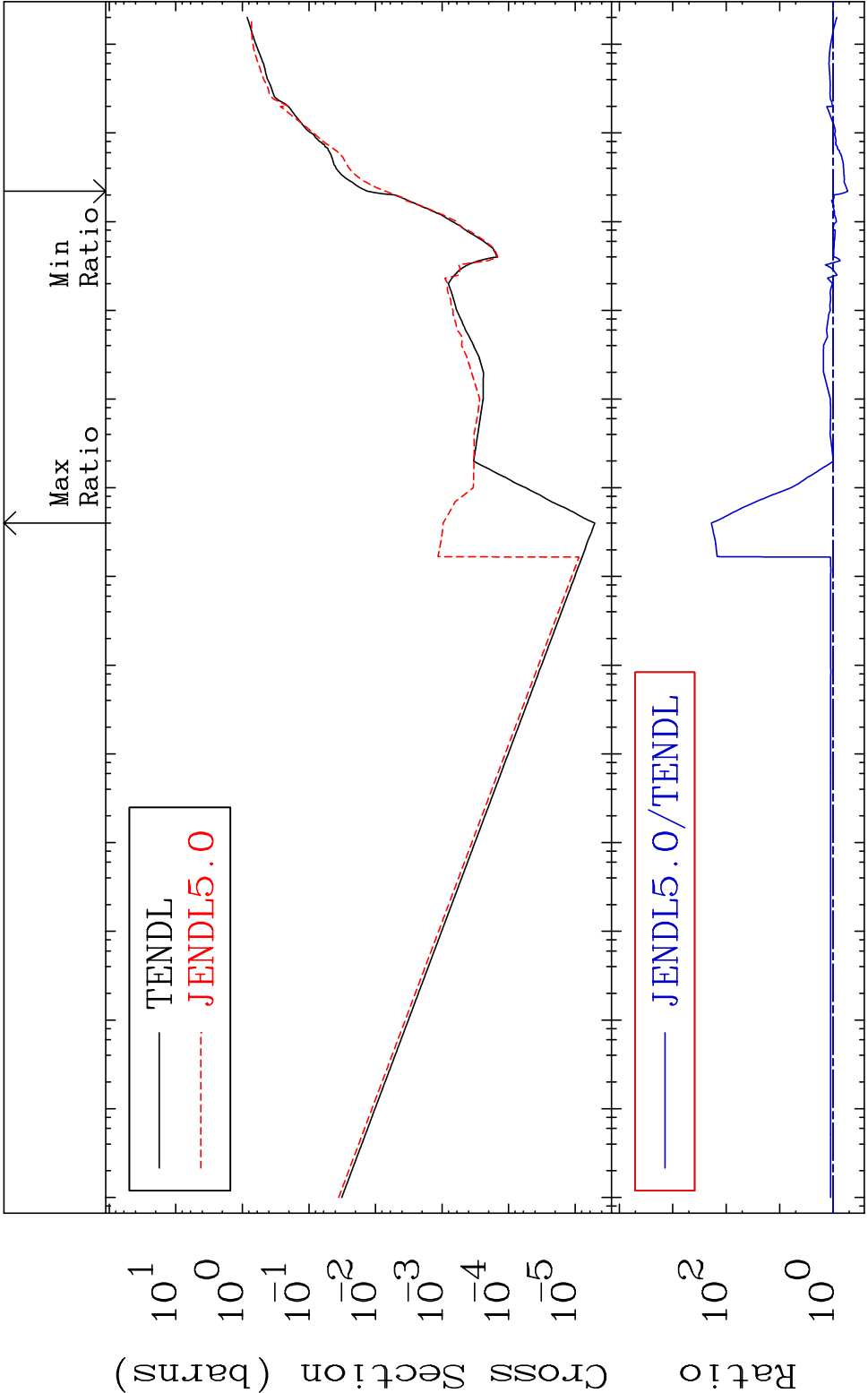


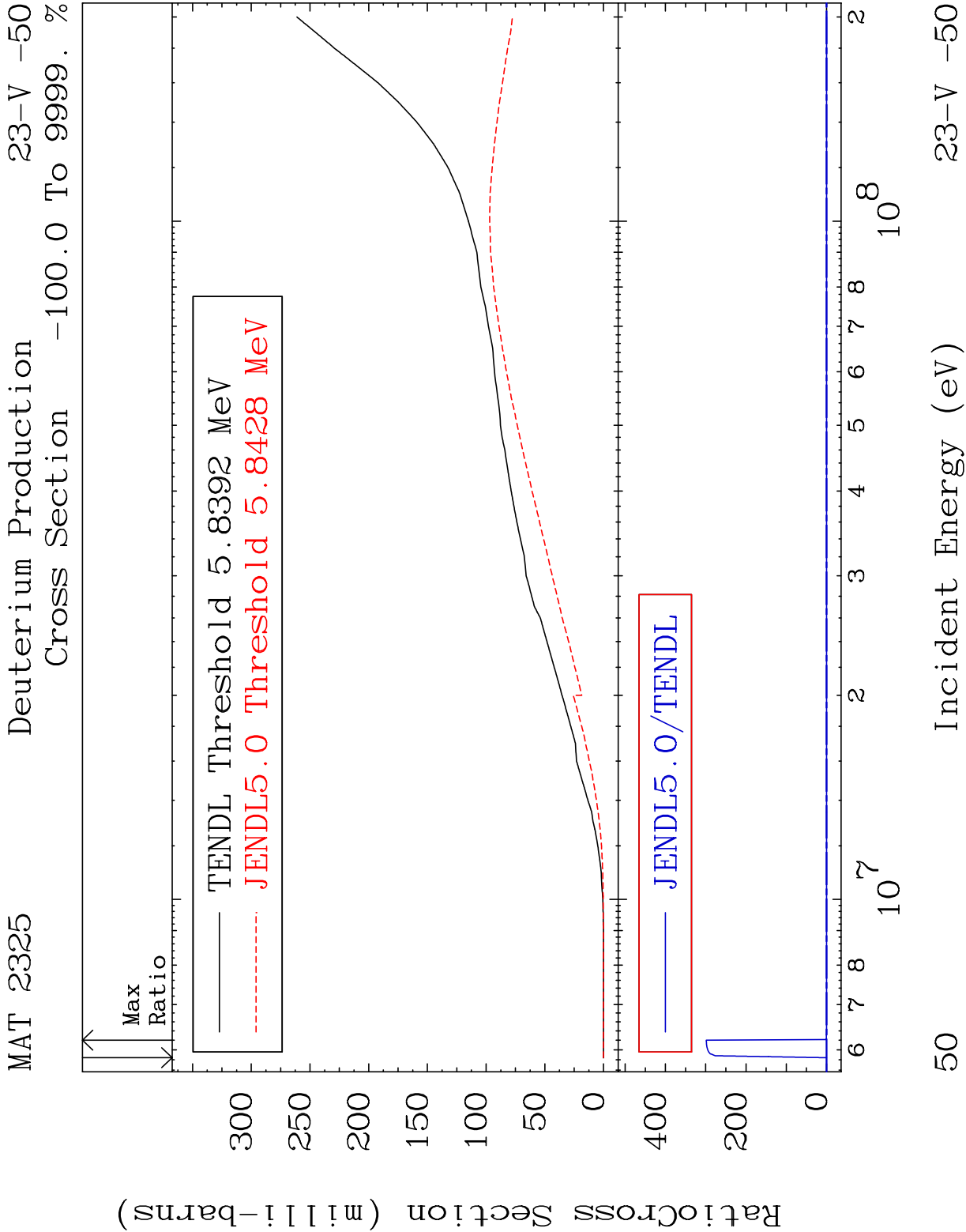


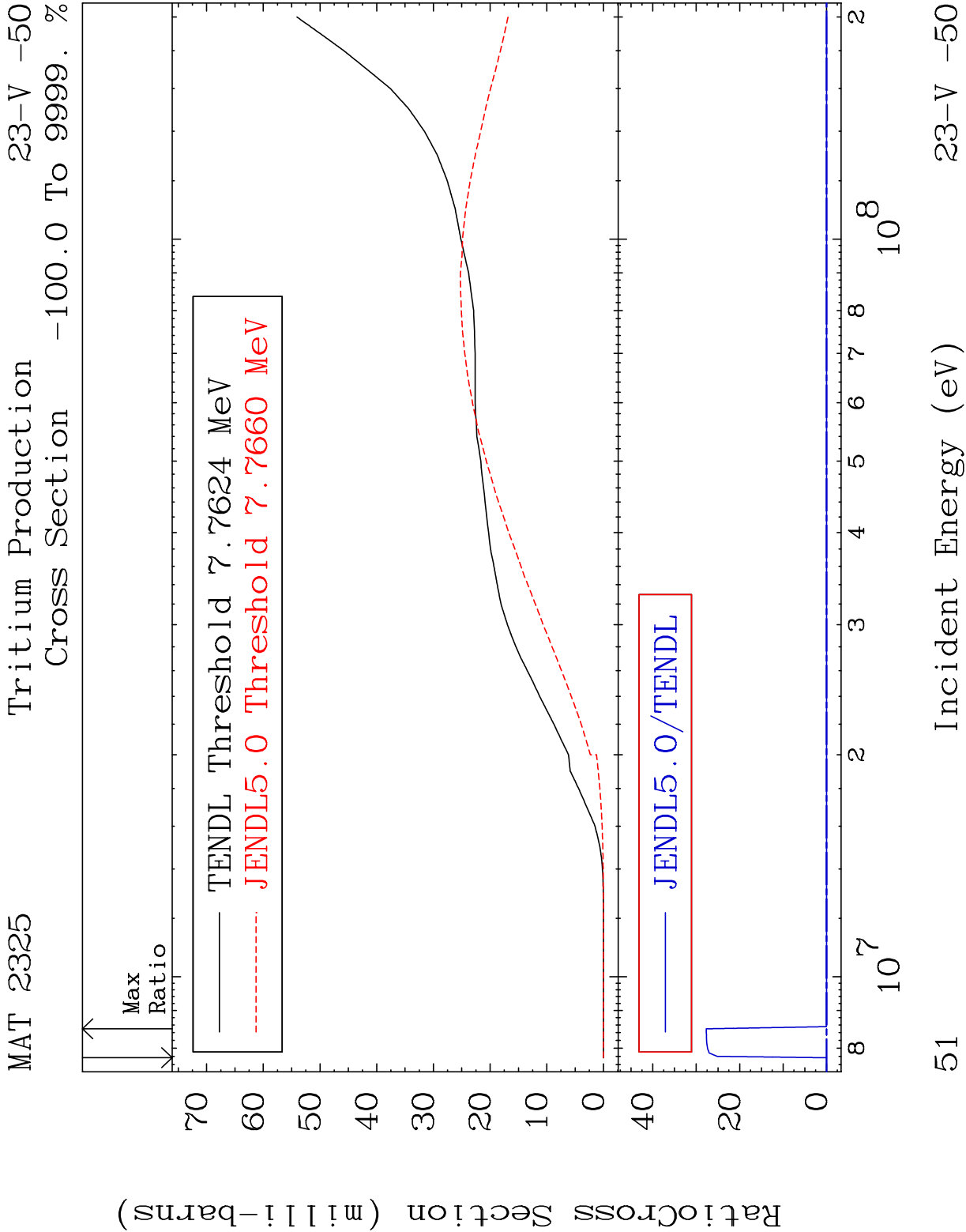


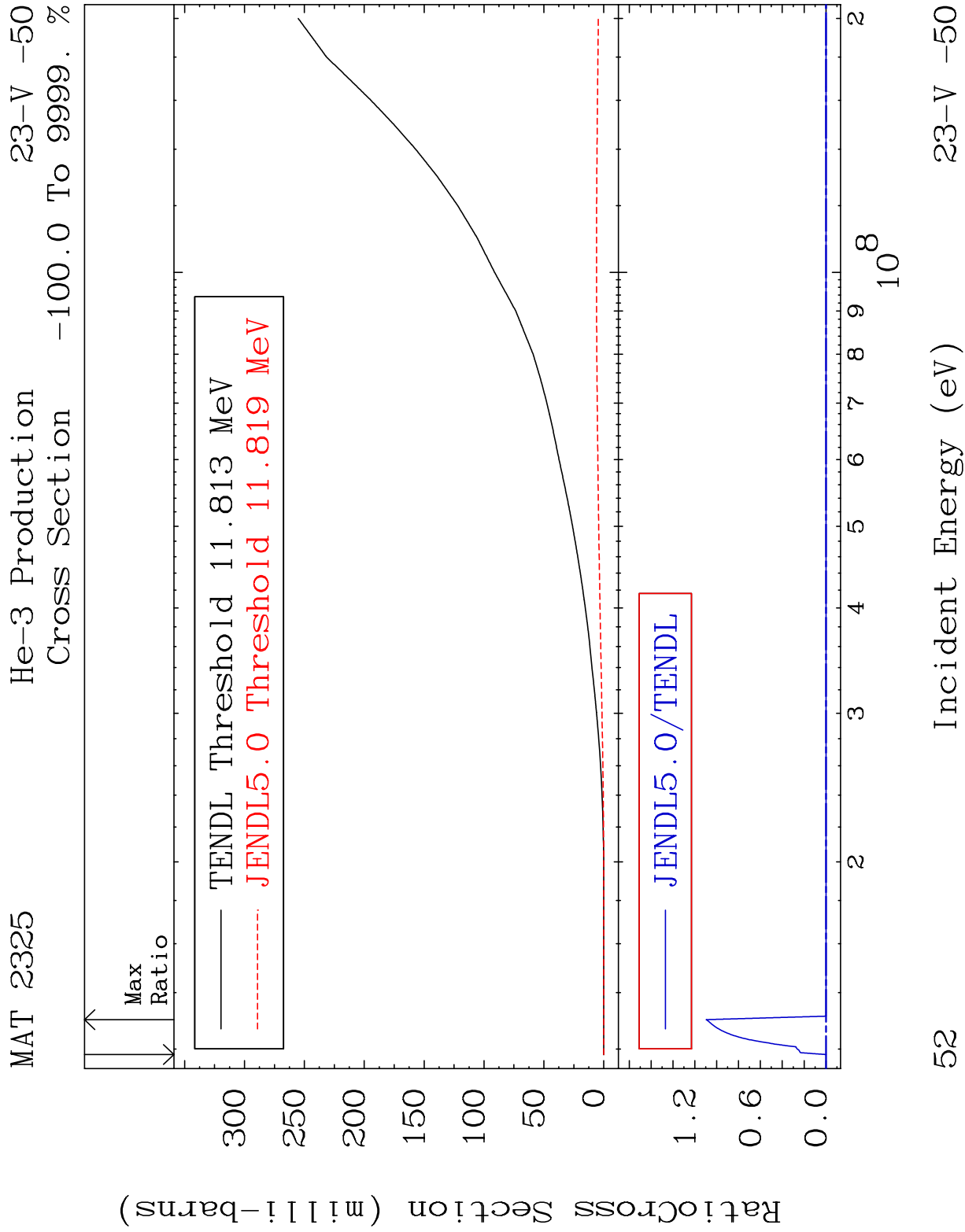


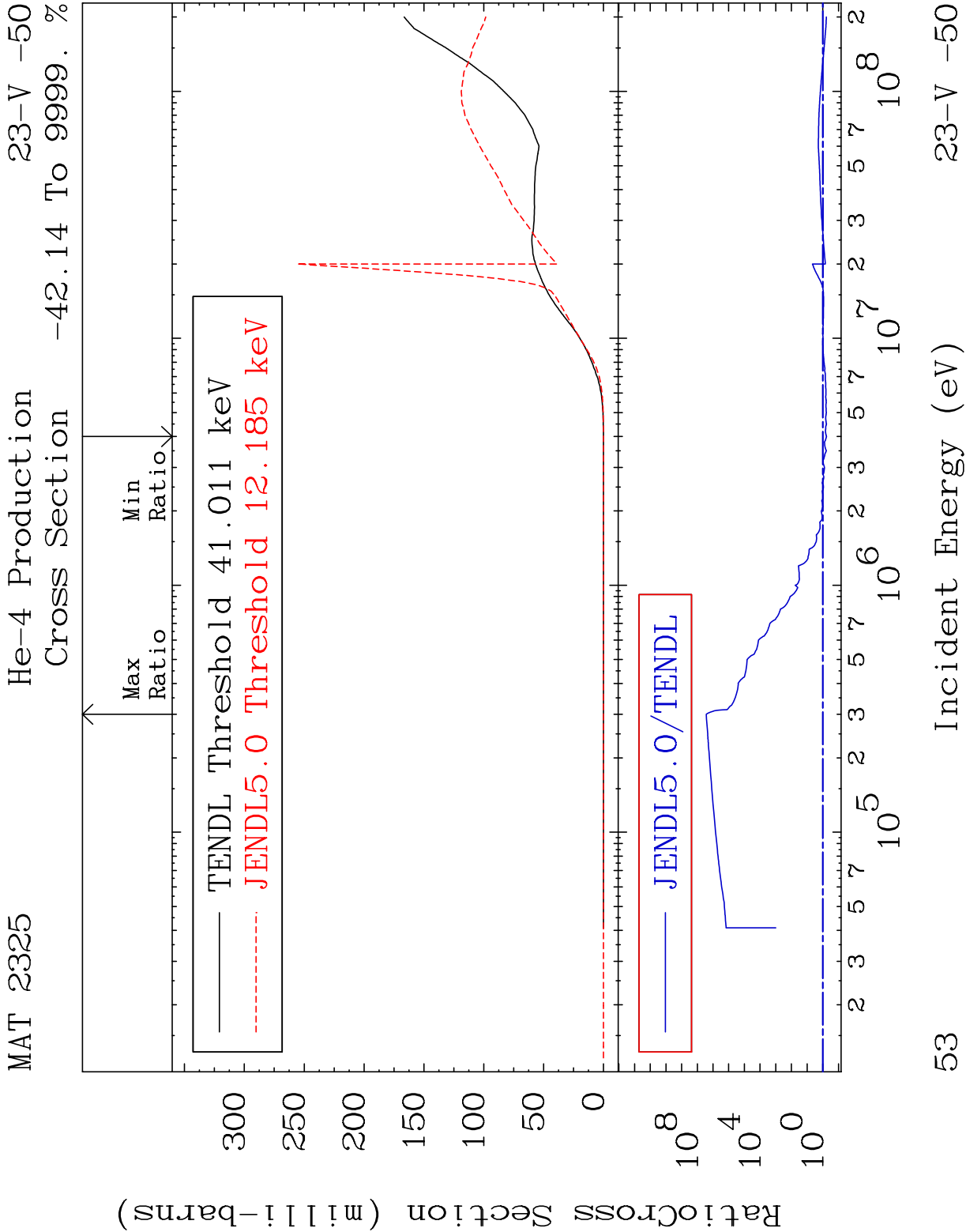




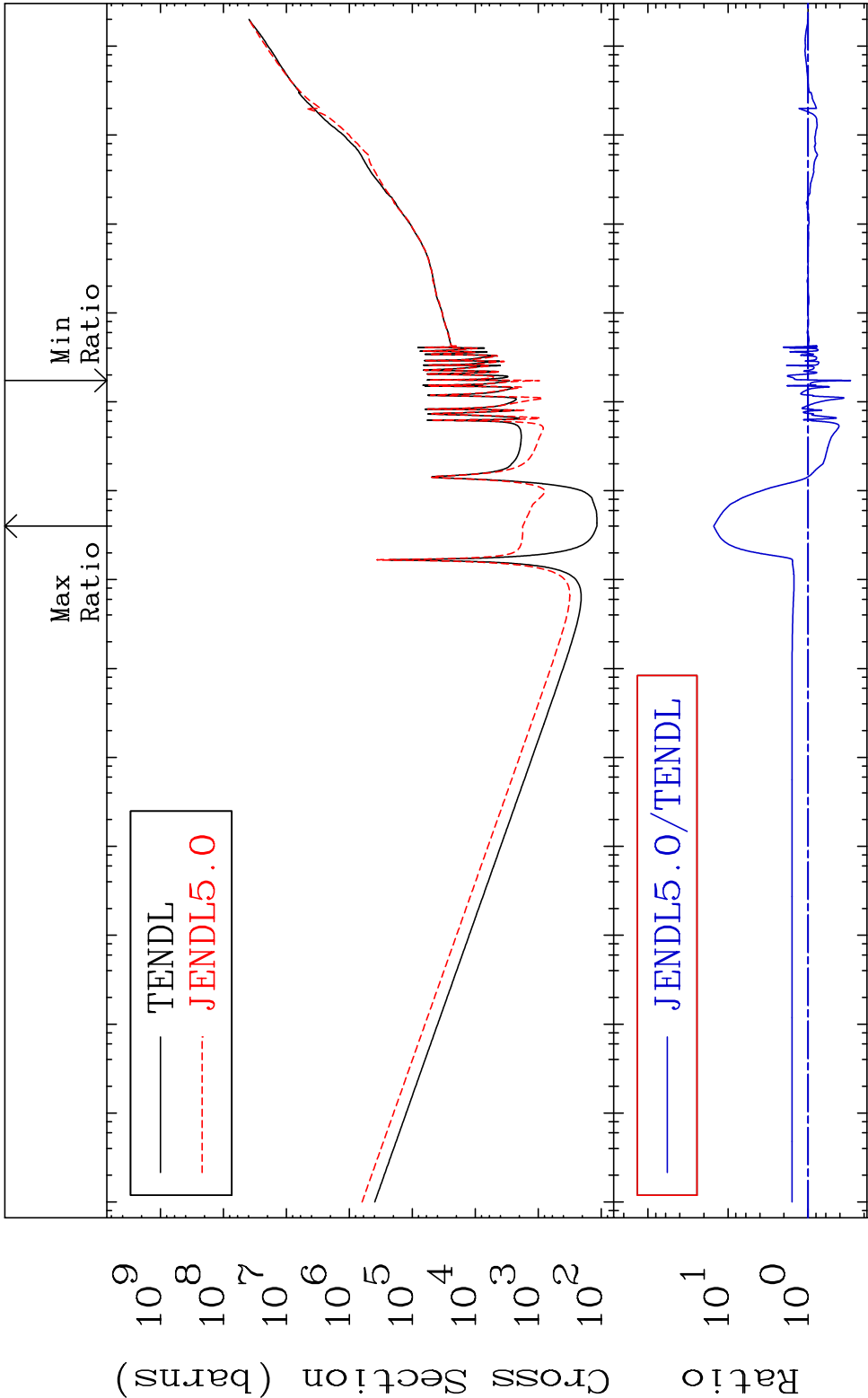


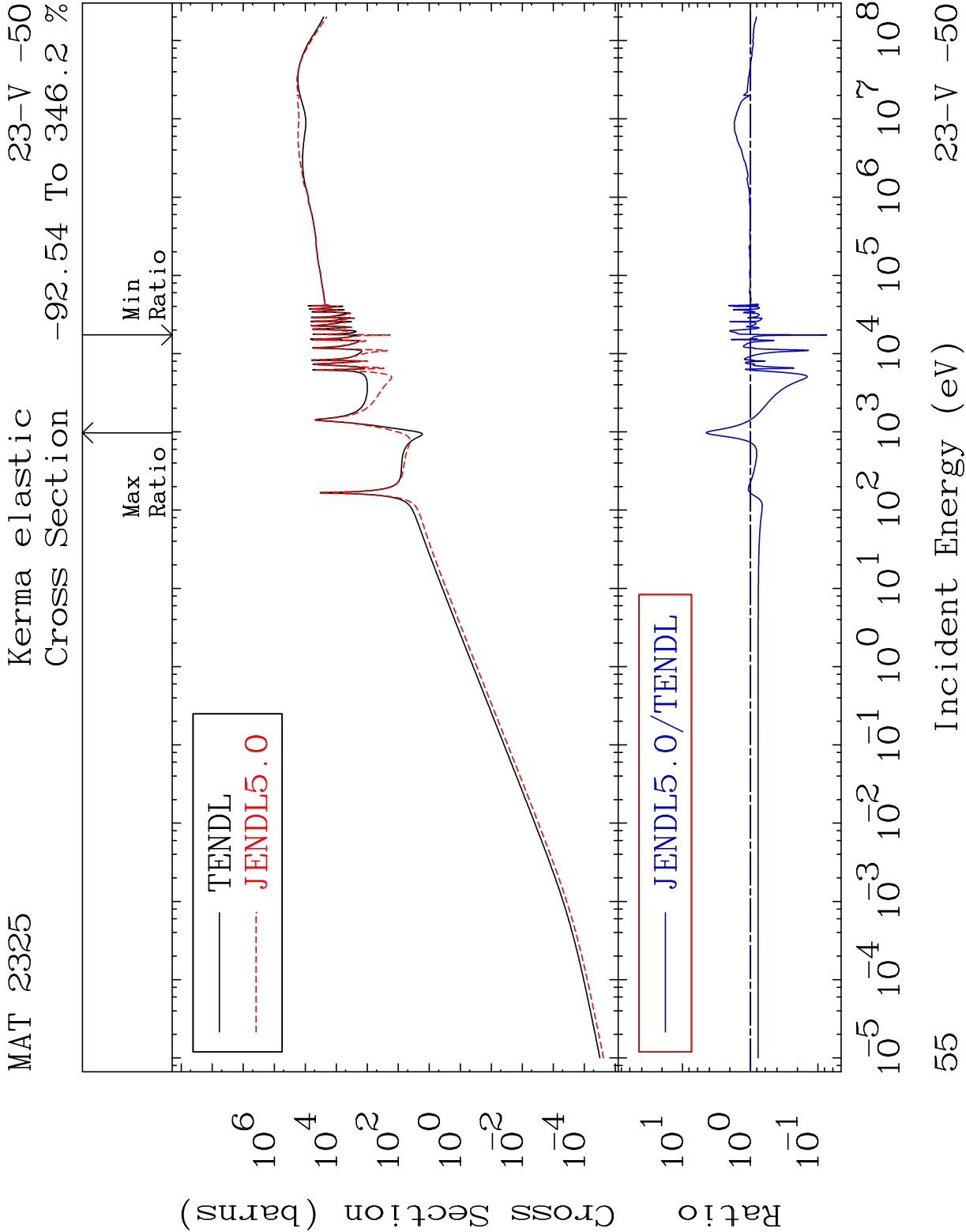






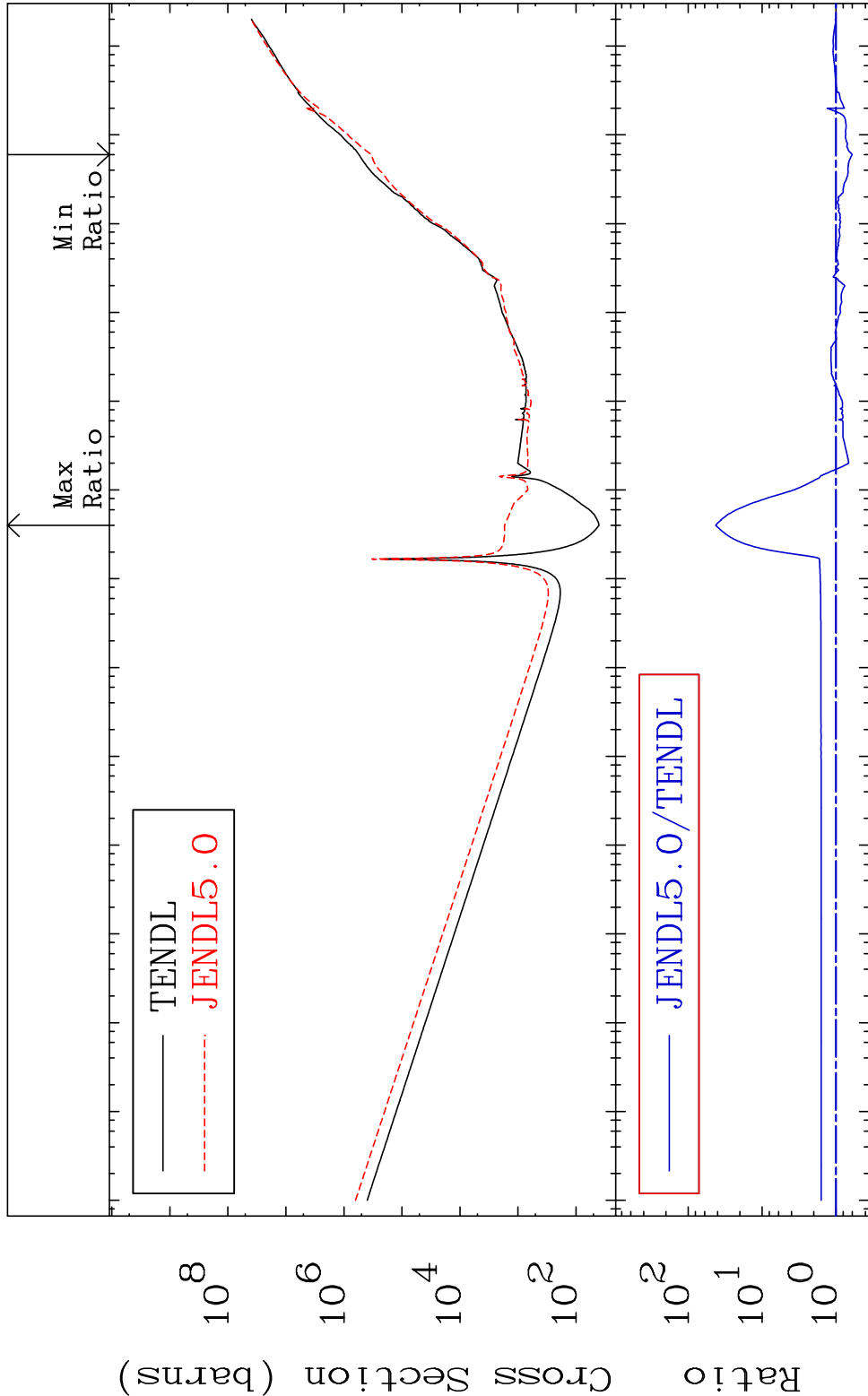
MAT 2325 Kerma total (eV-barns) 23-V -50
Cross Section -70.35 To 1409. %





MAT 2325 Kerma non-elastic (all but mt2) 23-V -50

Cross Section -39.81 To 4156. %



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

56 Incident Energy (eV) 23-V -50

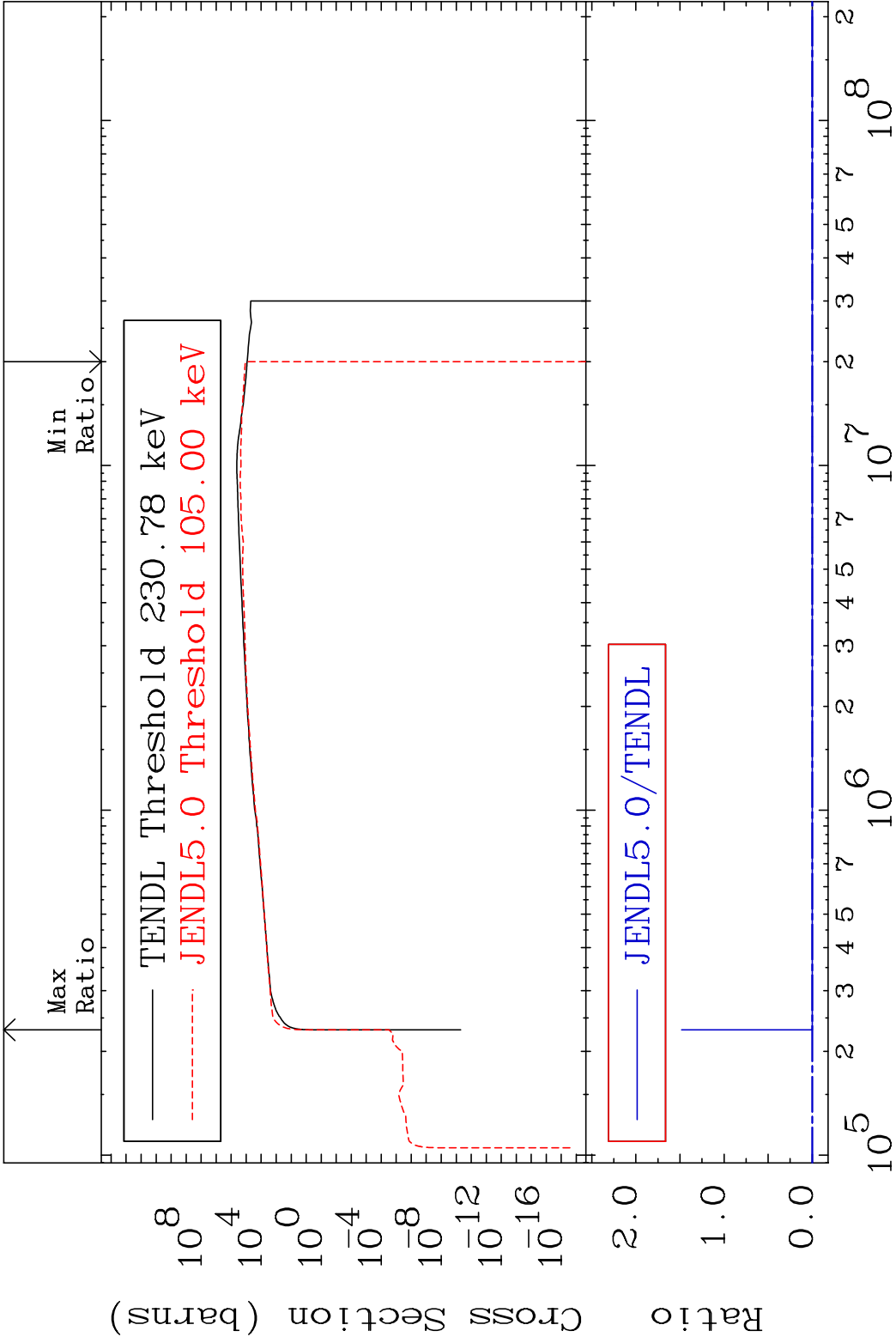
MAT 2325

Kerma inelastic (mt51-91)

23-V -50

Cross Section

-100.0 To 9999. %

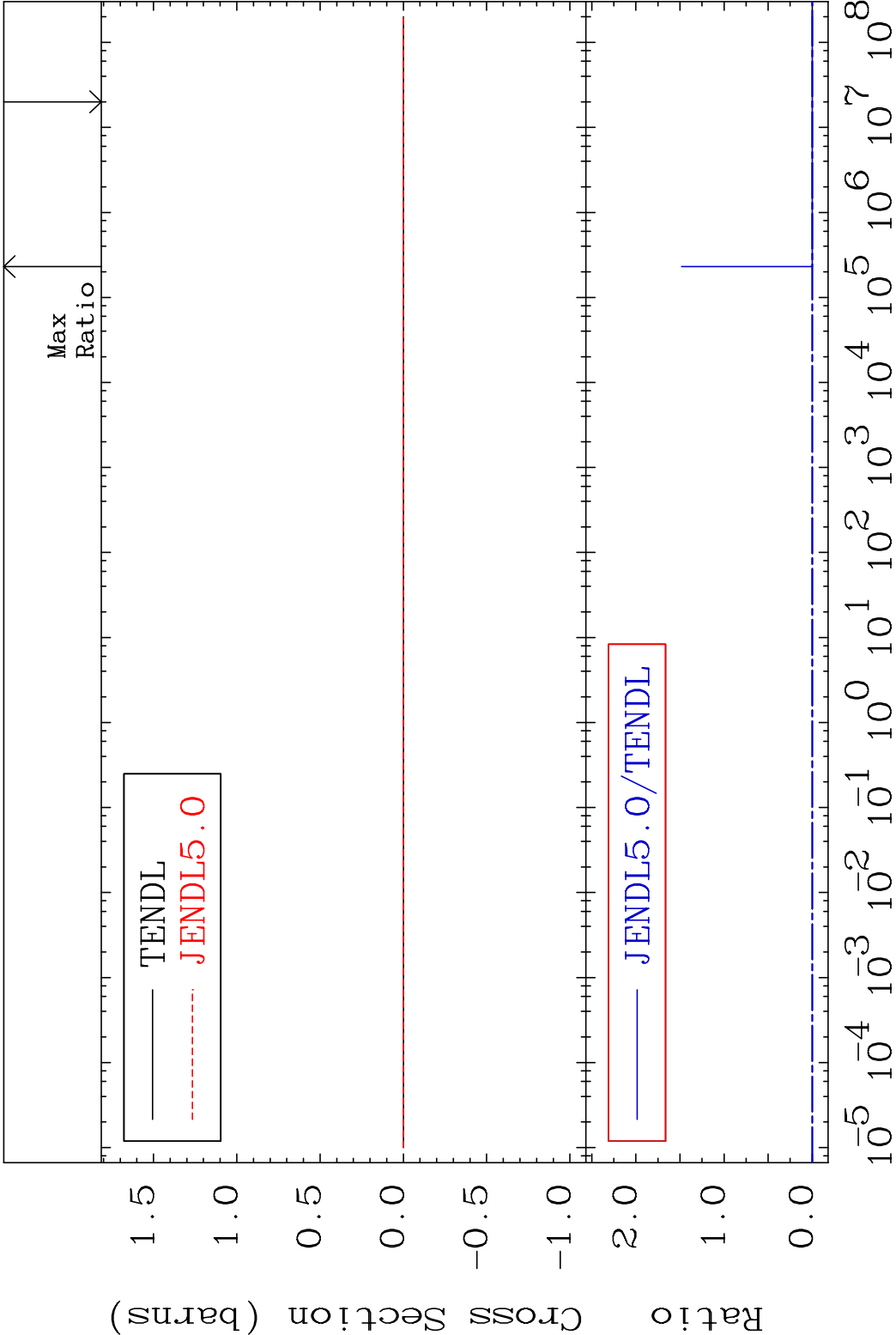


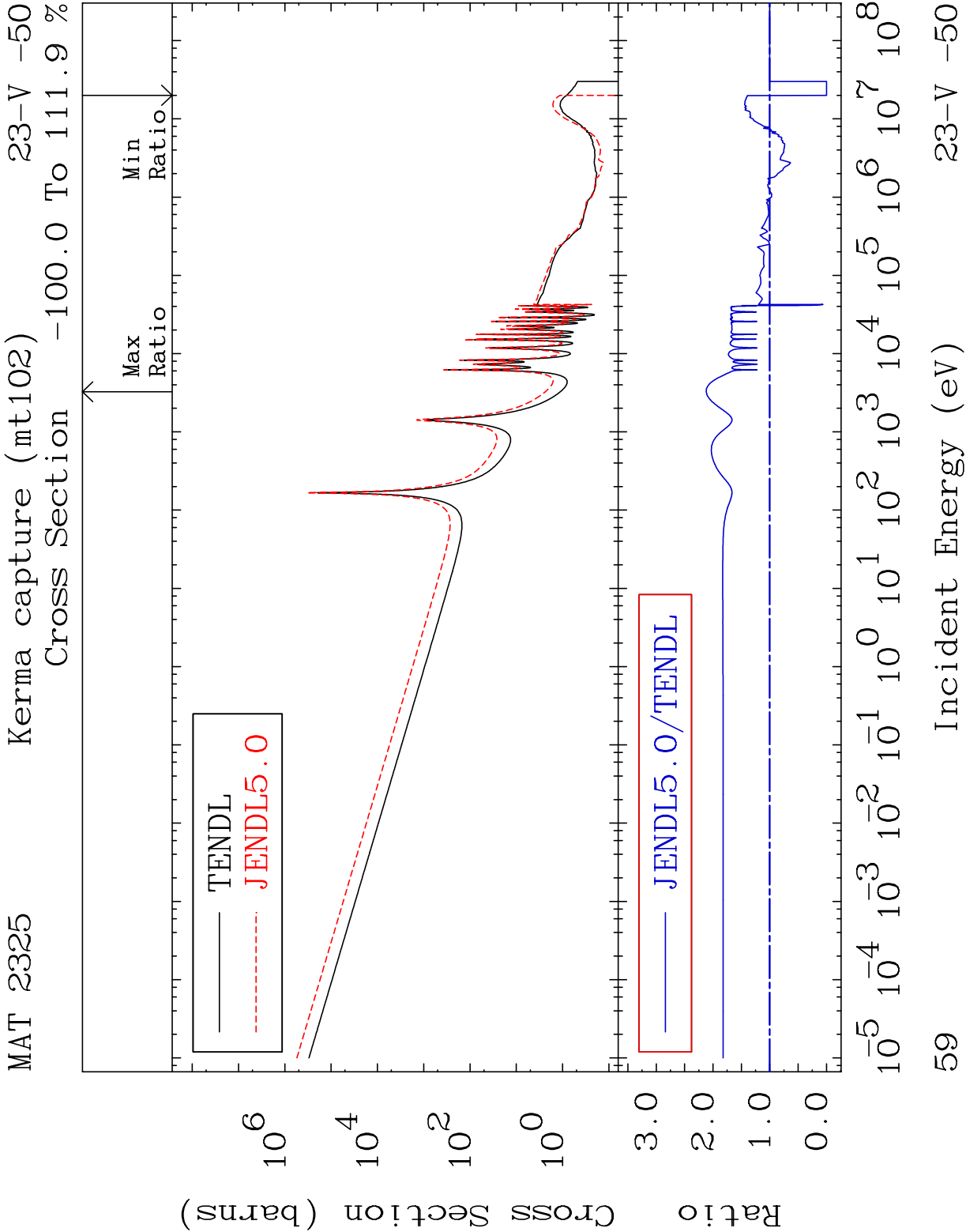
57

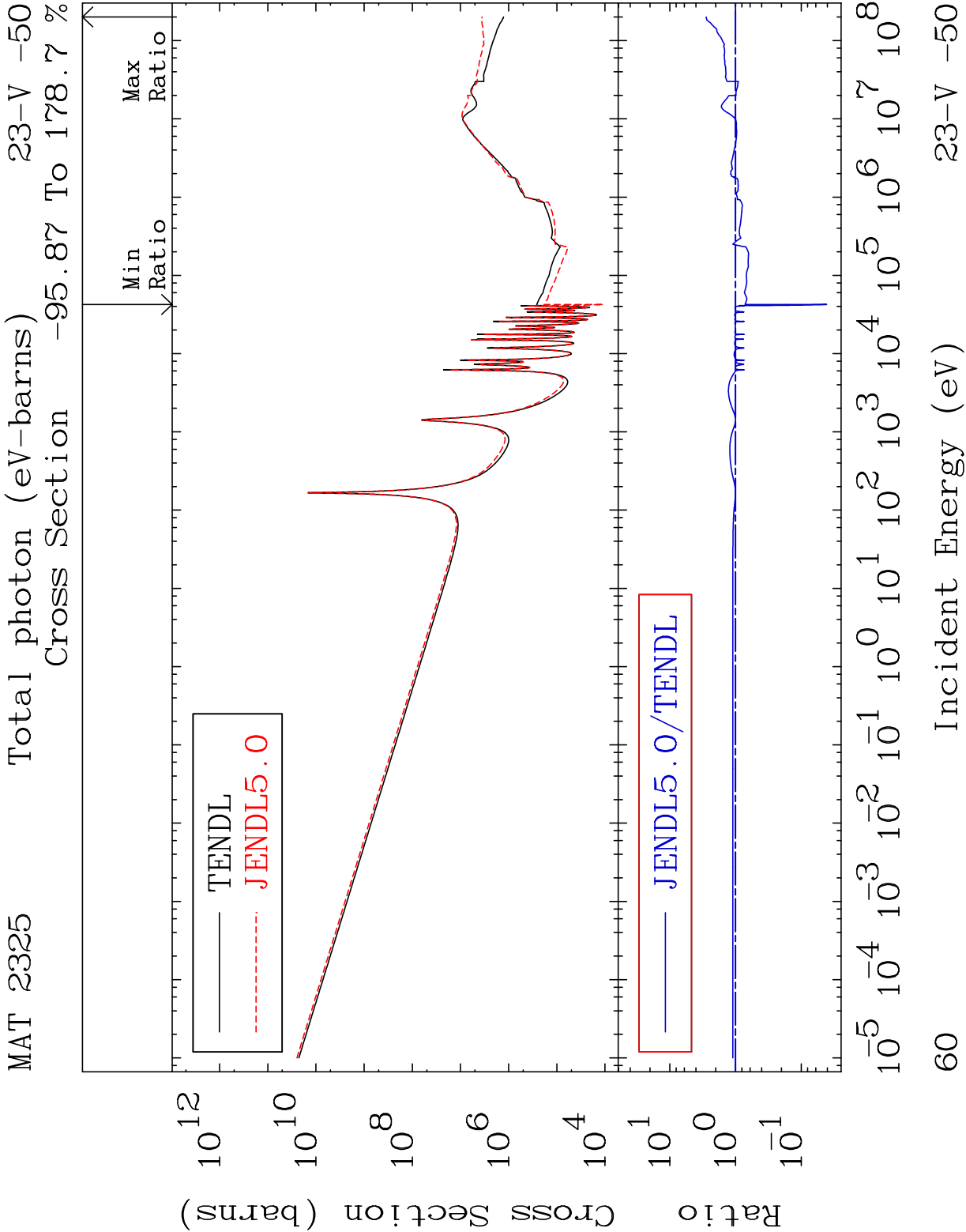
Incident Energy (eV)

23-V -50

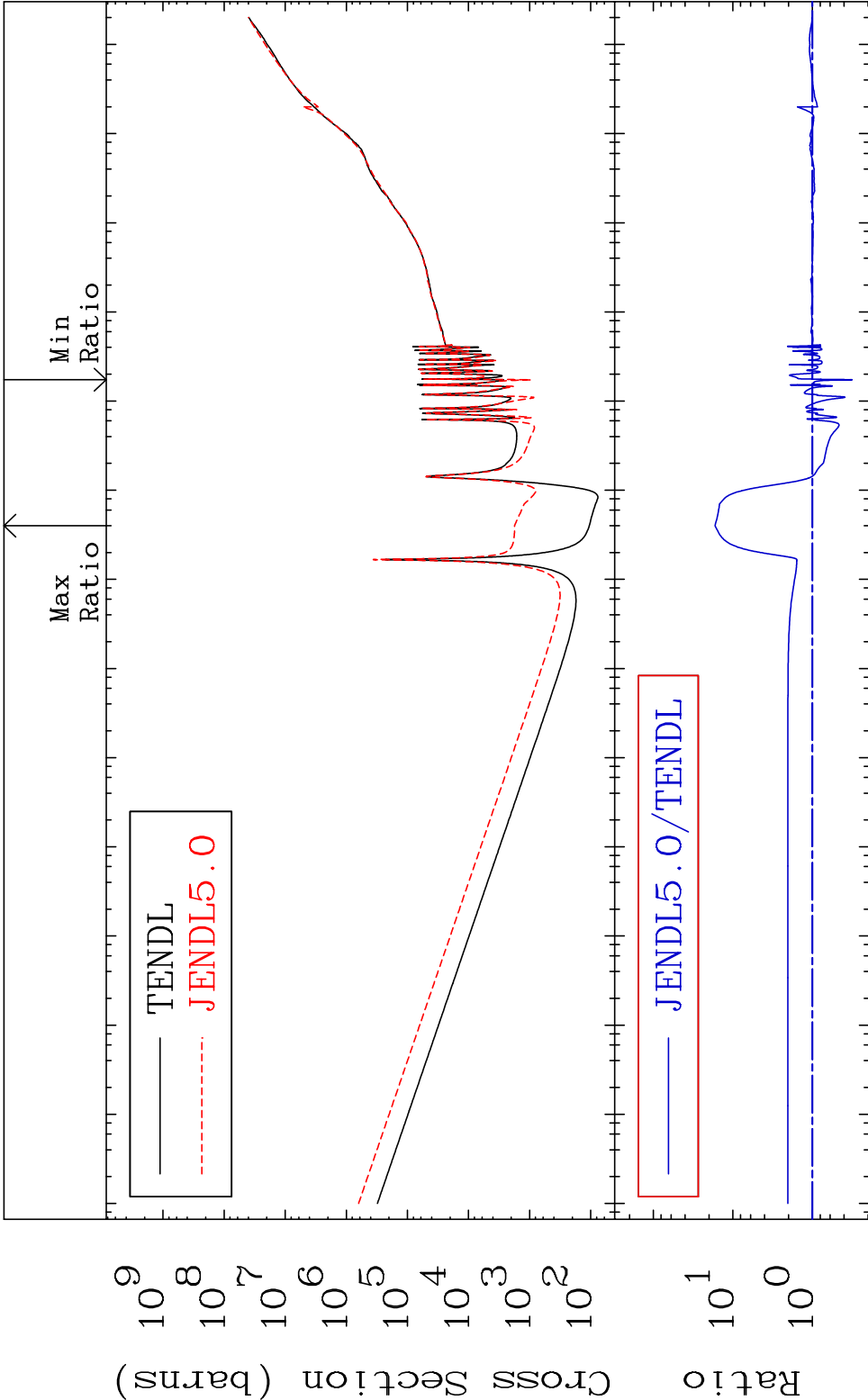
MAT 2325 Kerma fission (mt18 or mt19-20-21-38) 23-V -50
Cross Section -100.0 To 9999. %





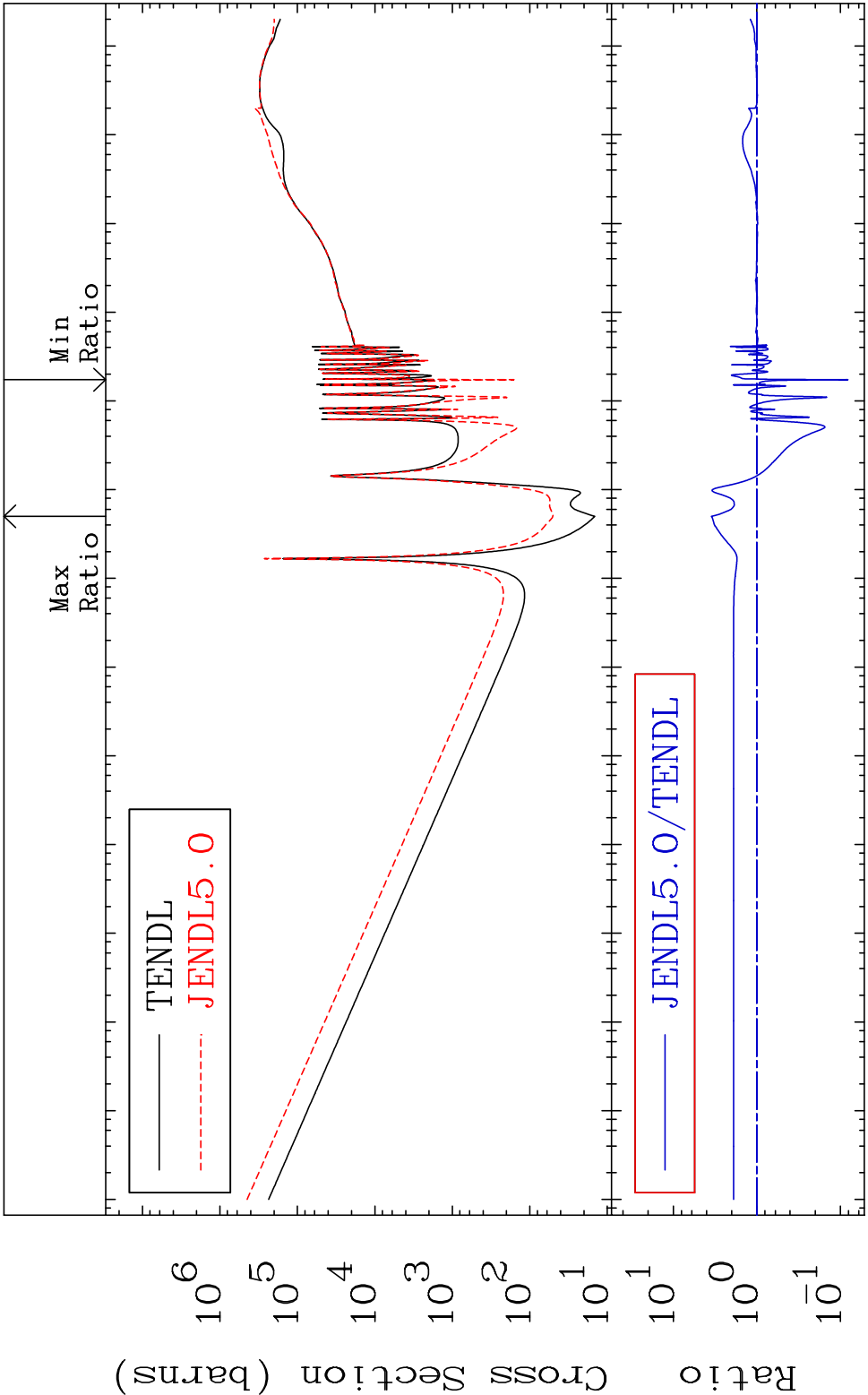


MAT 2325 Total kinematic kerma (high limit) 23-V -50
Cross Section -68.32 To 1579. %



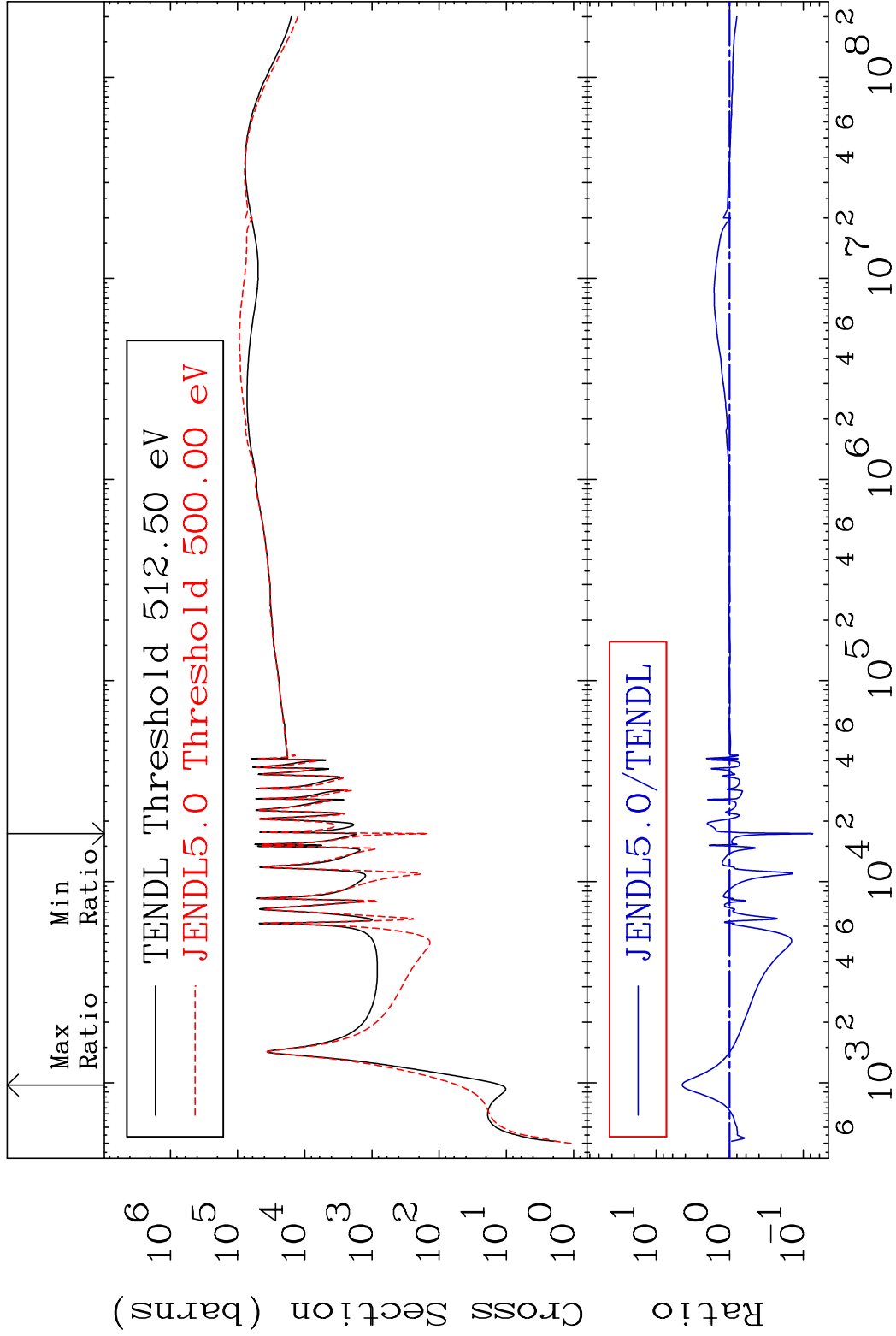
61 Incident Energy (eV) 23-V -50

MAT 2325 Dpa total (eV-barns) 23-V -50
 Cross Section -91.84 To 250.5 %

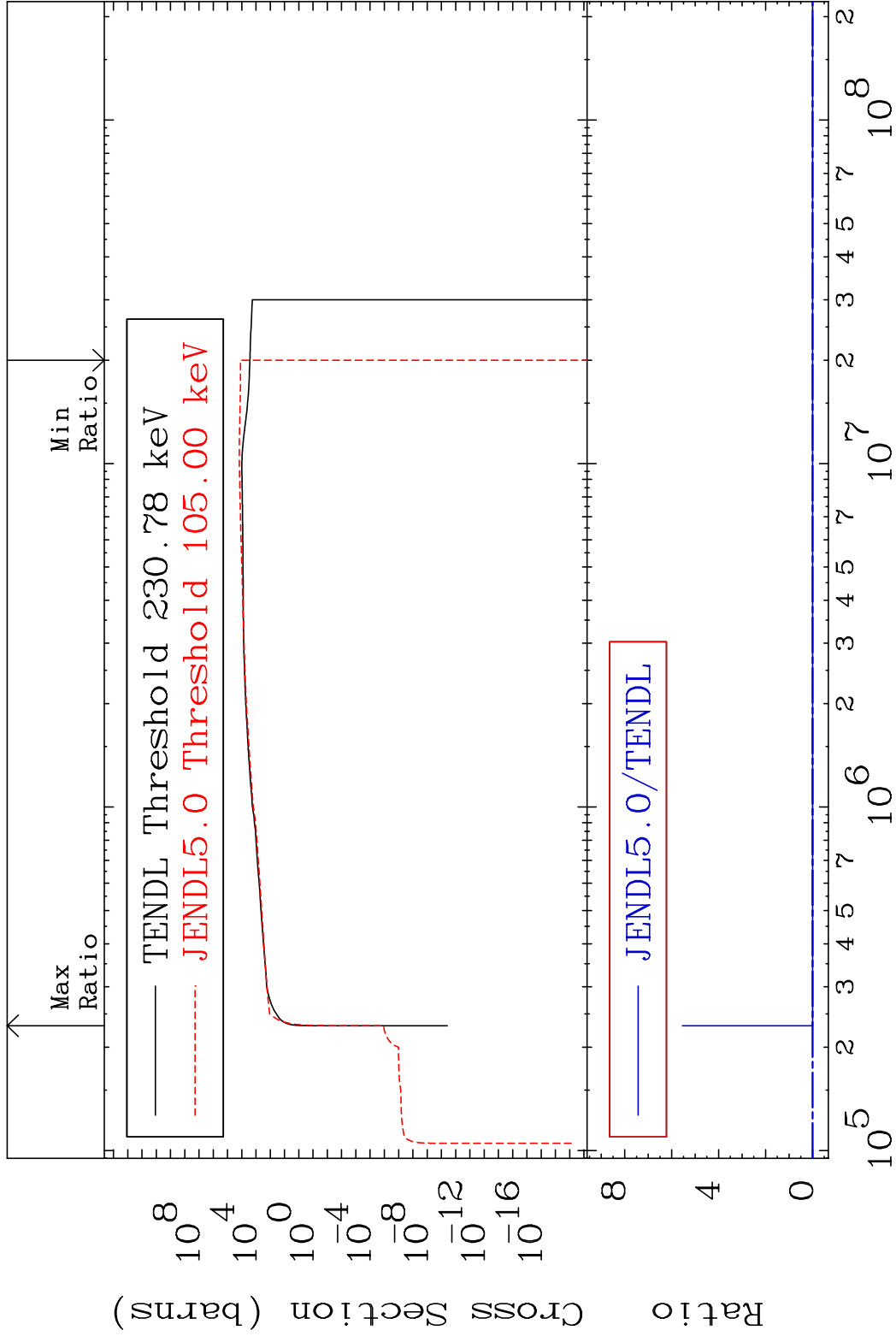


62 Incident Energy (eV) 23-V -50

MAT 2325 Dpa elastic (mt2) 23-V -50
 Cross Section -92.54 To 340.5 %



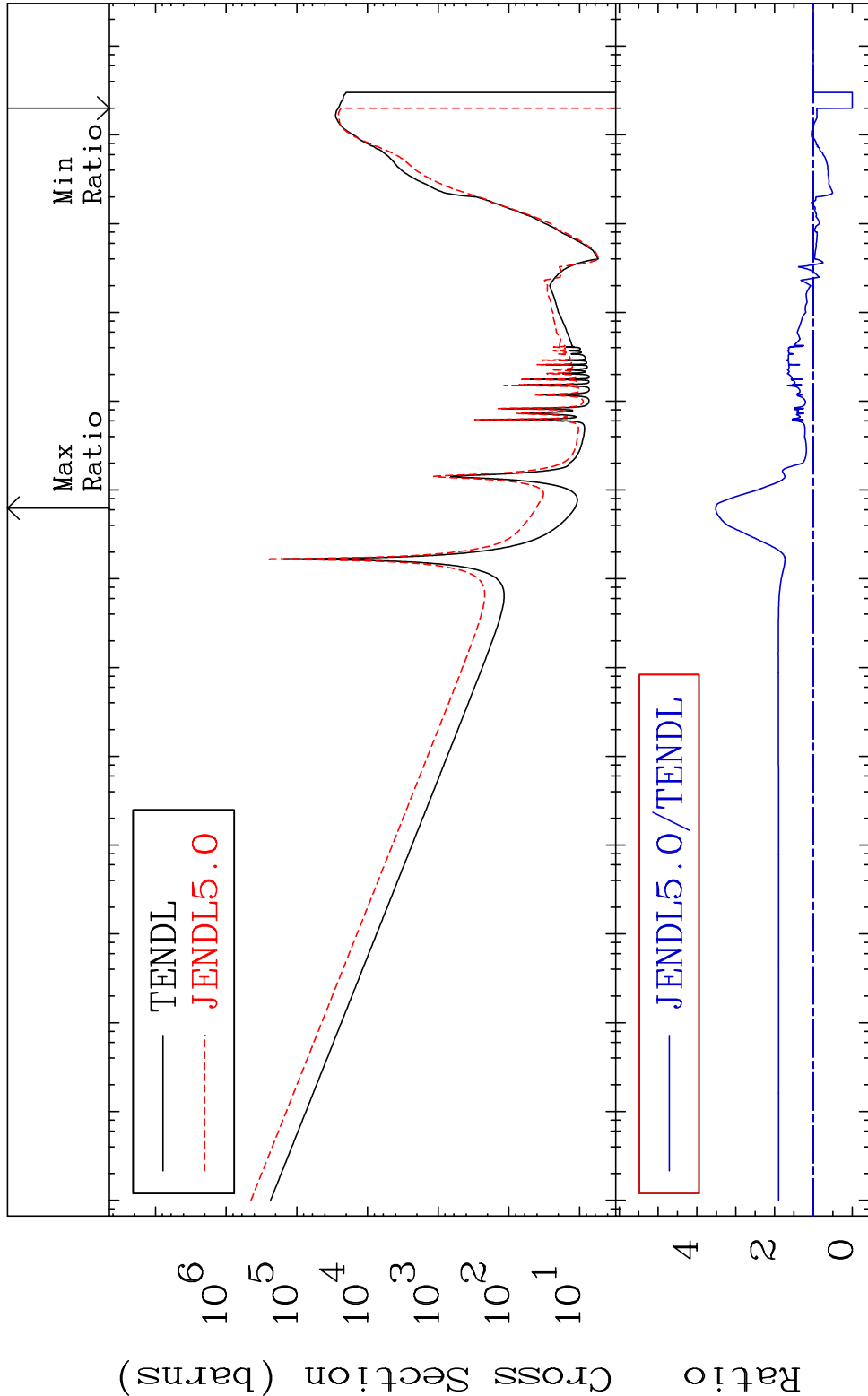
MAT 2325 Dpa inelastic (mt51-91) 23-V -50
Cross Section -100.0 To 9999. %



64 Incident Energy (eV) 23-V -50

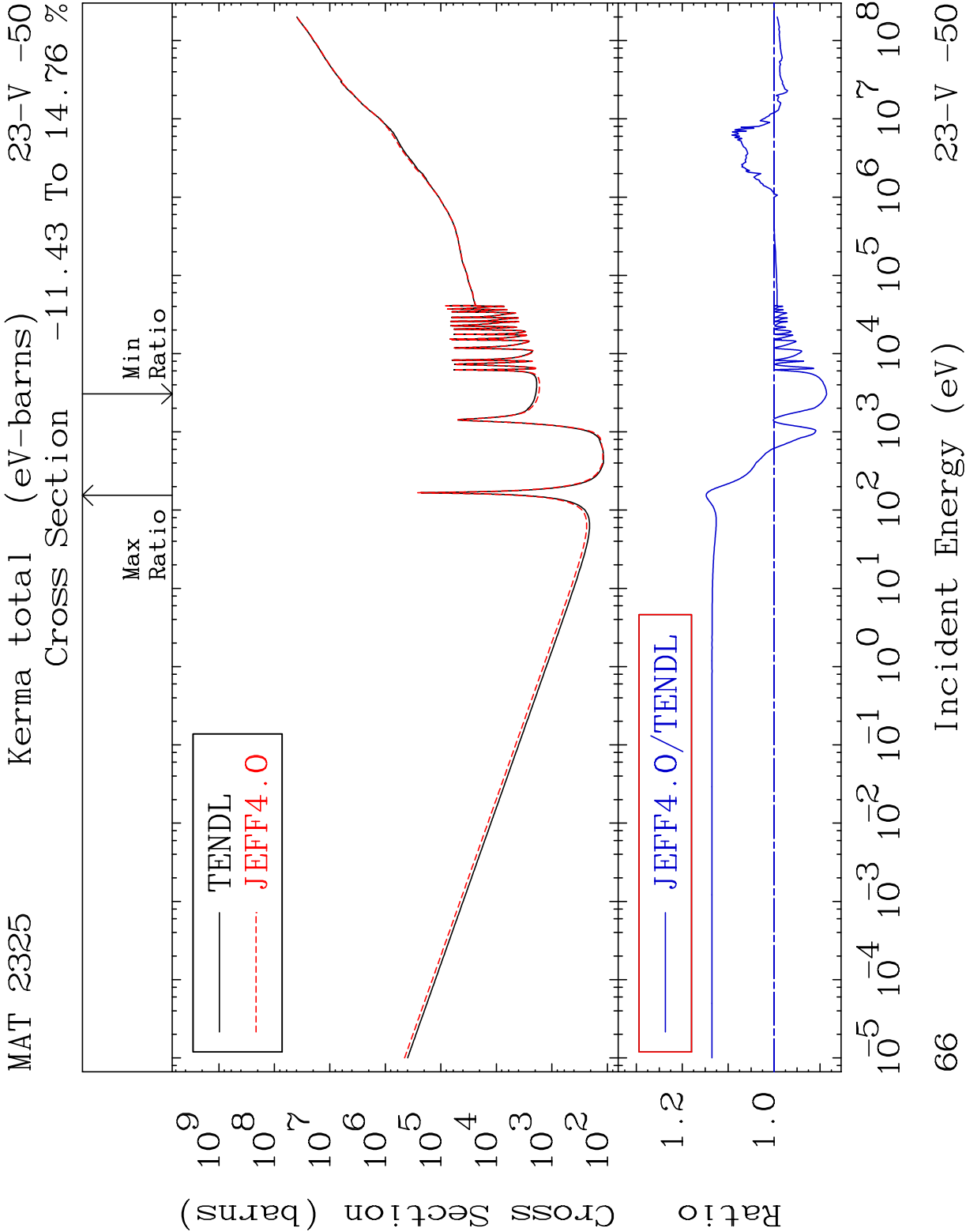
MAT 2325 Dpa disappearance (mt102 -120) 23-V -50

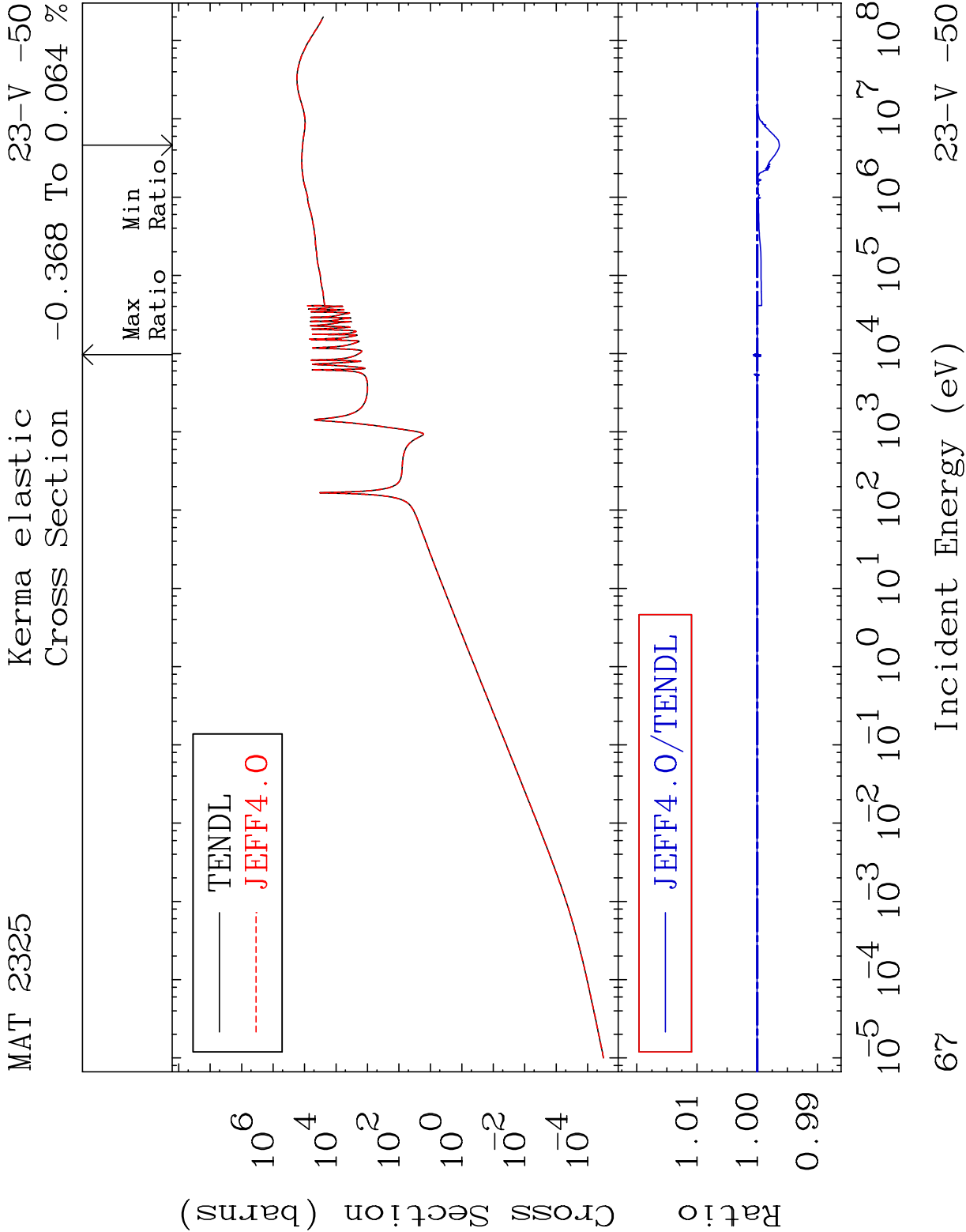
Cross Section -100.0 To 251.7 %



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

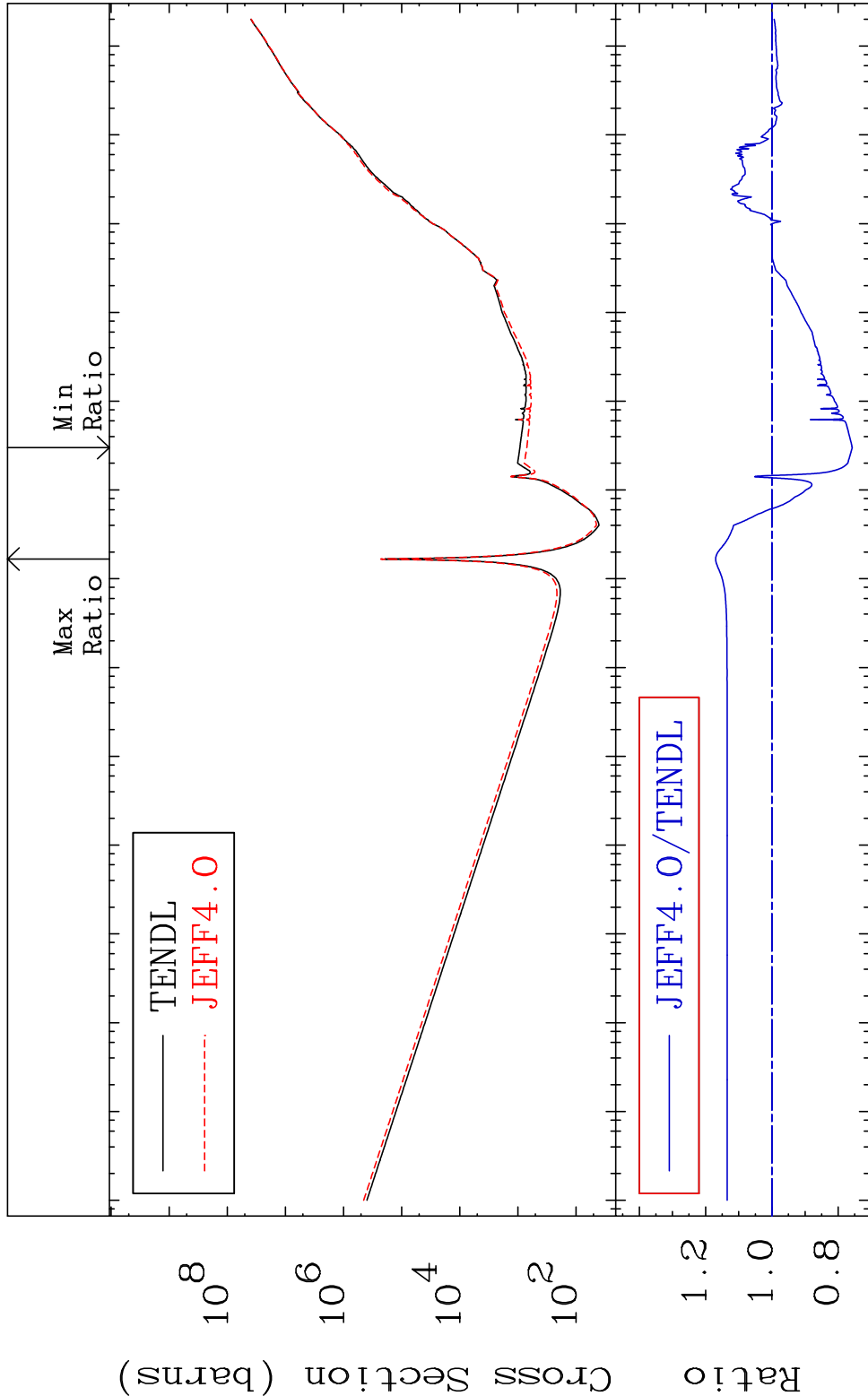
65 Incident Energy (eV) 23-V -50





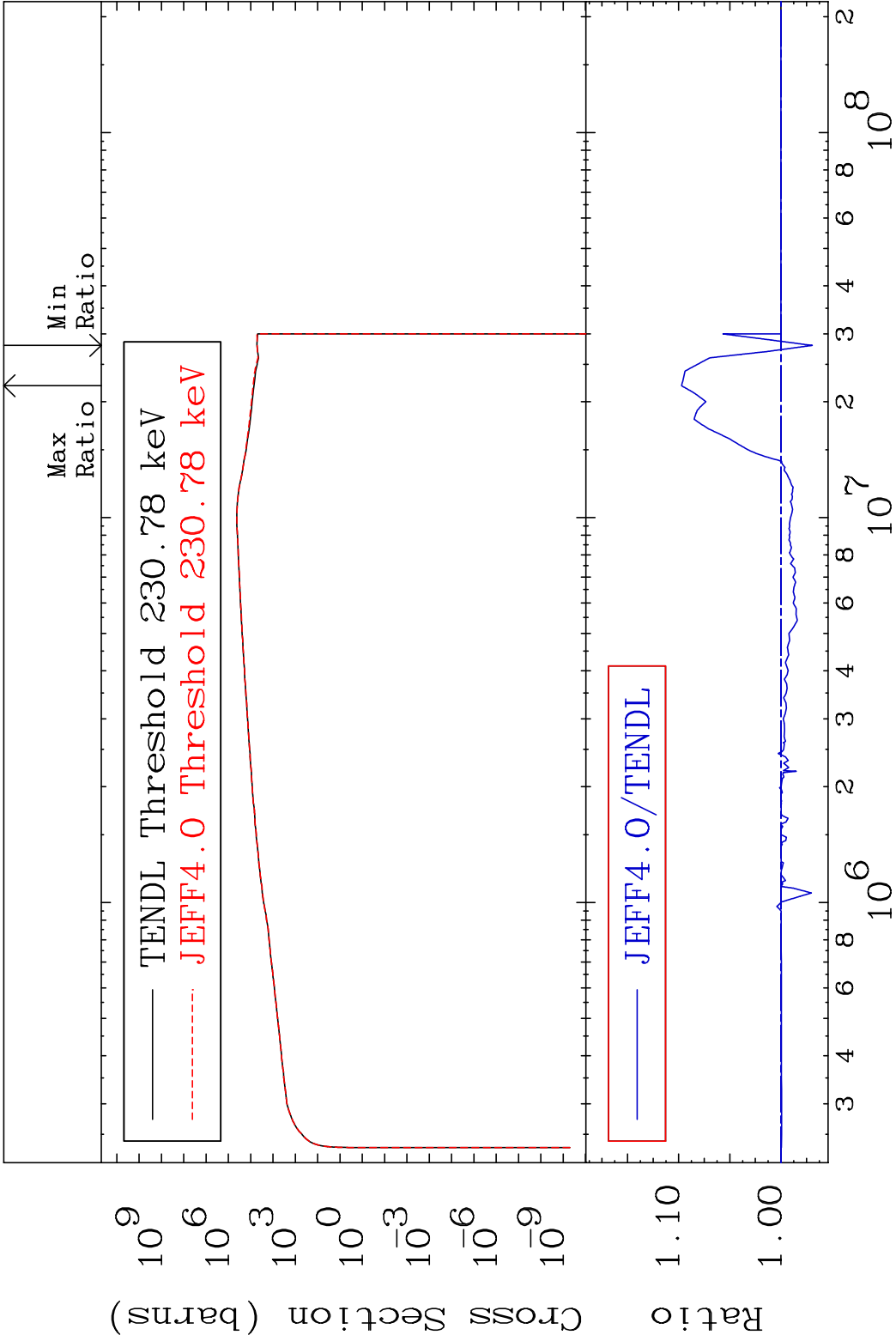
MAT 2325 Kerma non-elastic (all but mt2) 23-V -50

Cross Section -24.23 To 16.96 %

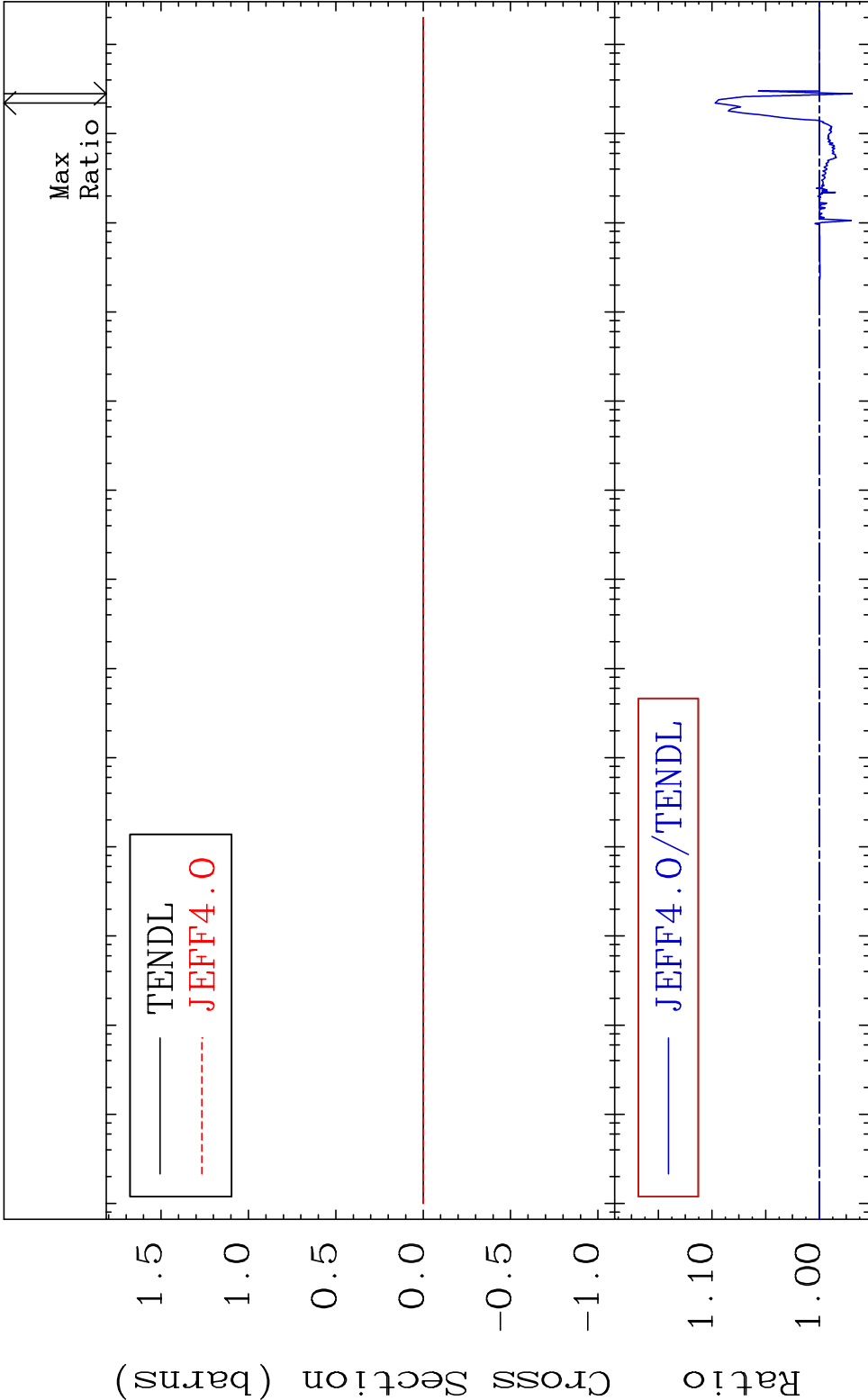


10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

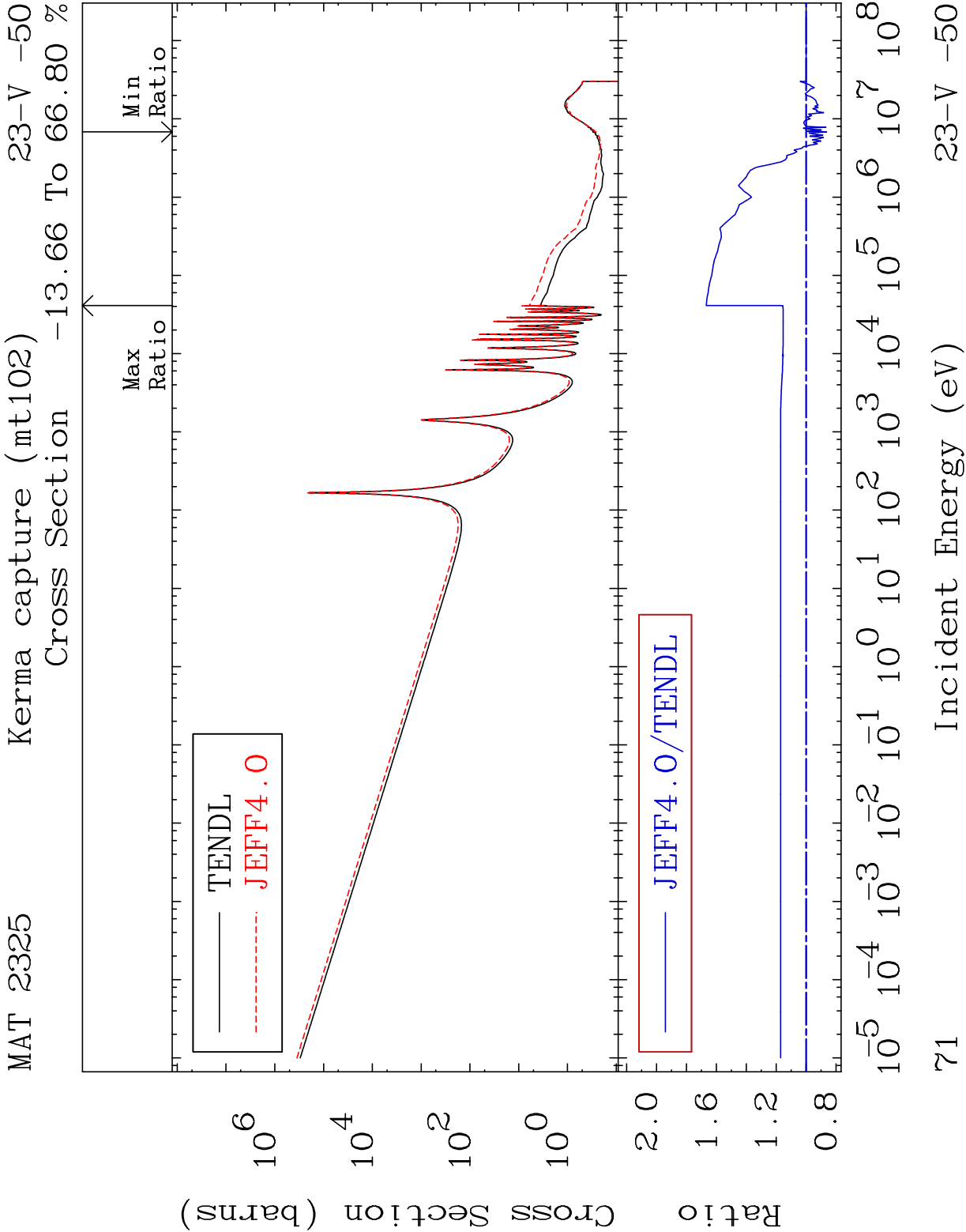
68 Incident Energy (eV) 23-V -50

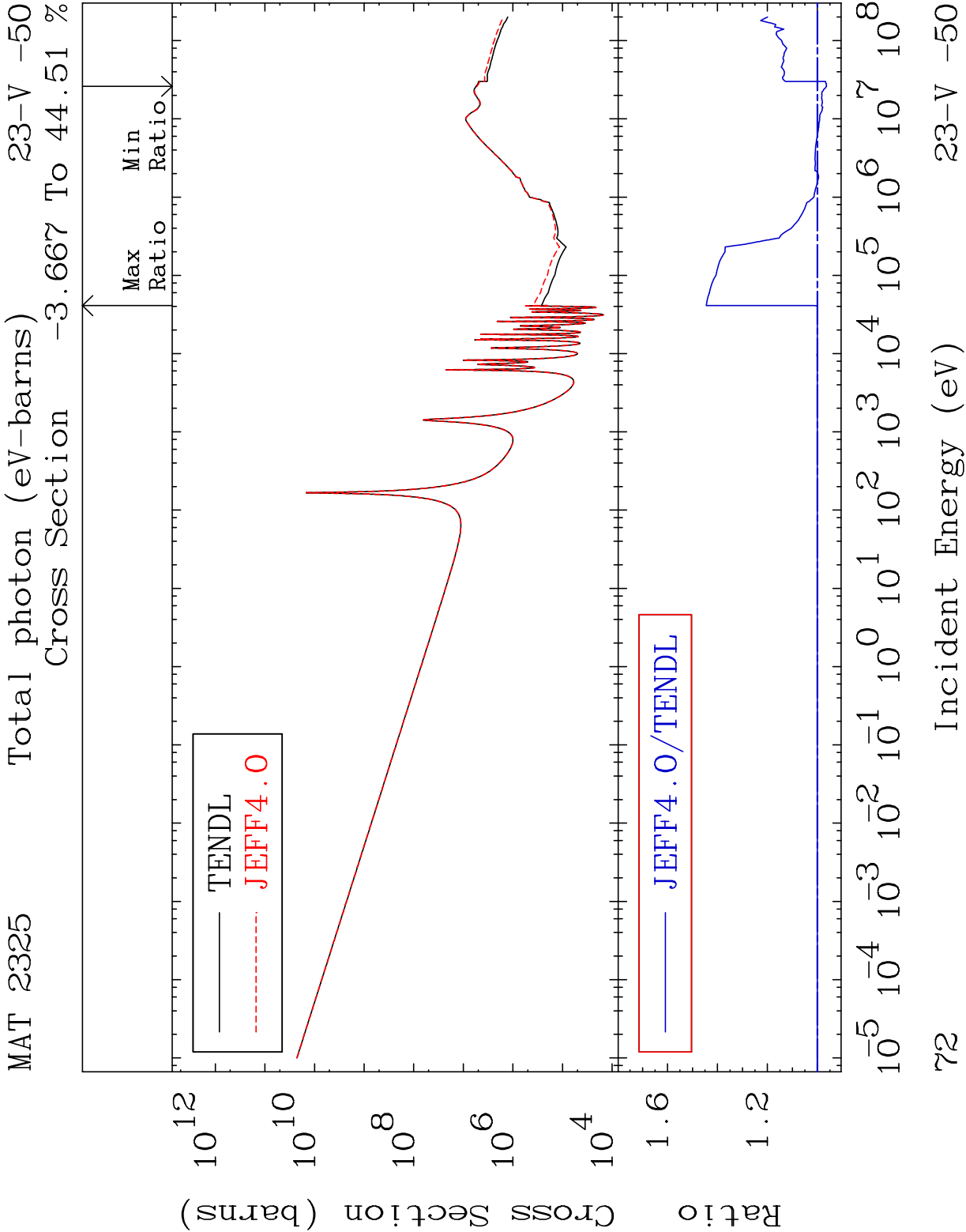


MAT 2325 Kerma fission (mt18 or mt19-20-21-38) 23-V -50
Cross Section -3.061 To 9.722 %

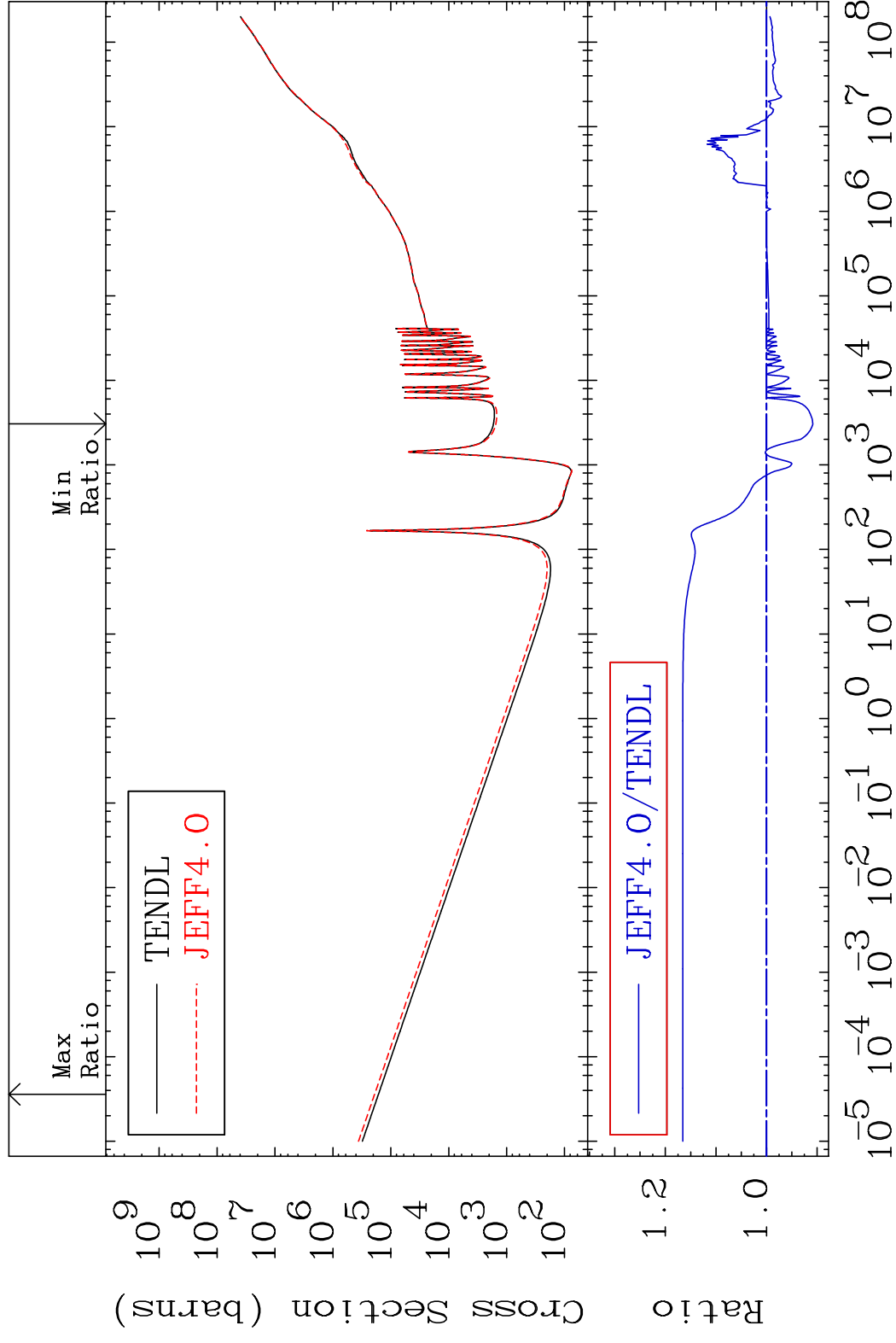


70 Incident Energy (eV) 23-V -50





MAT 2325 Total kinematic kerma (high limit) 23-V -50
Cross Section -9.152 To 16.56 %

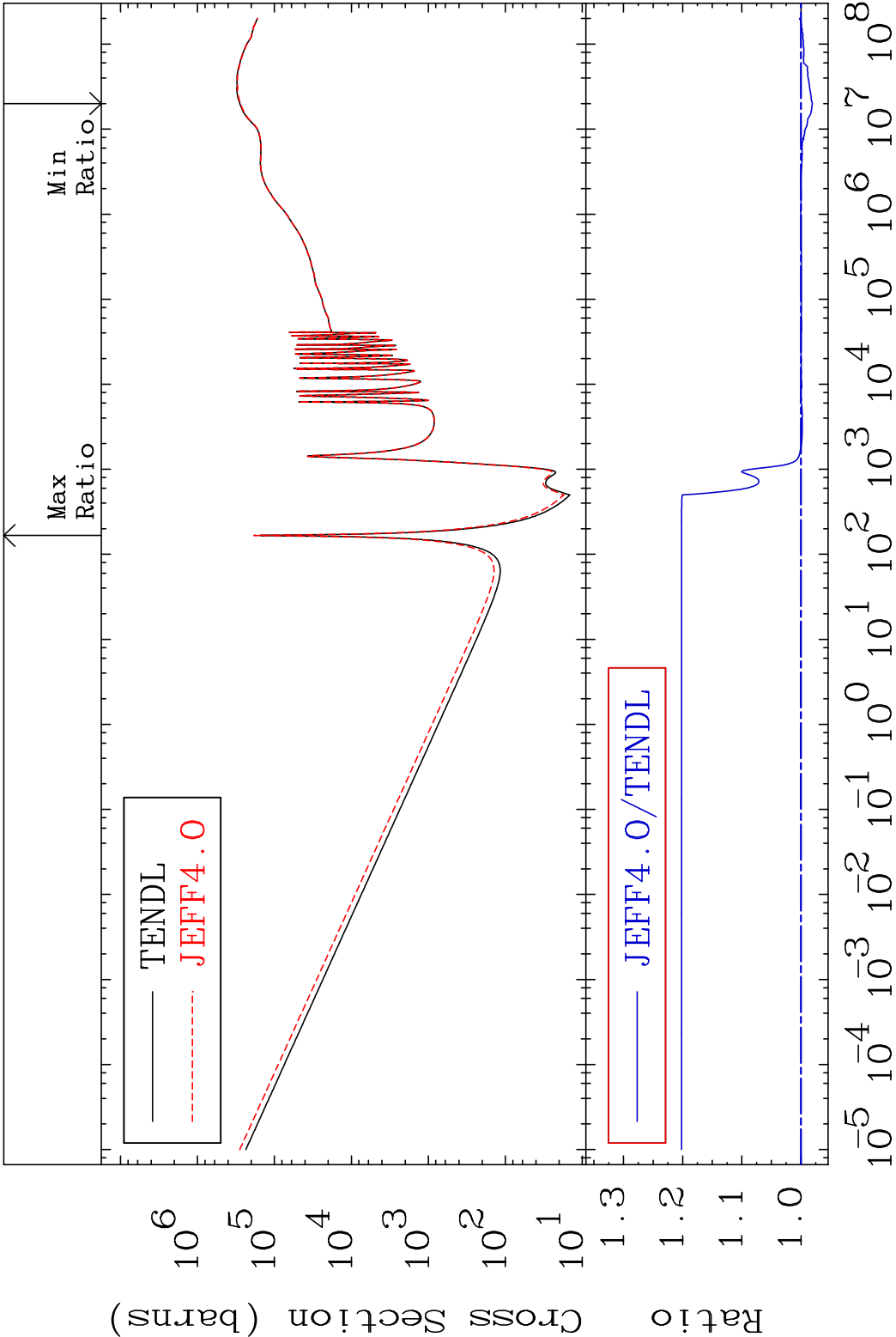


32

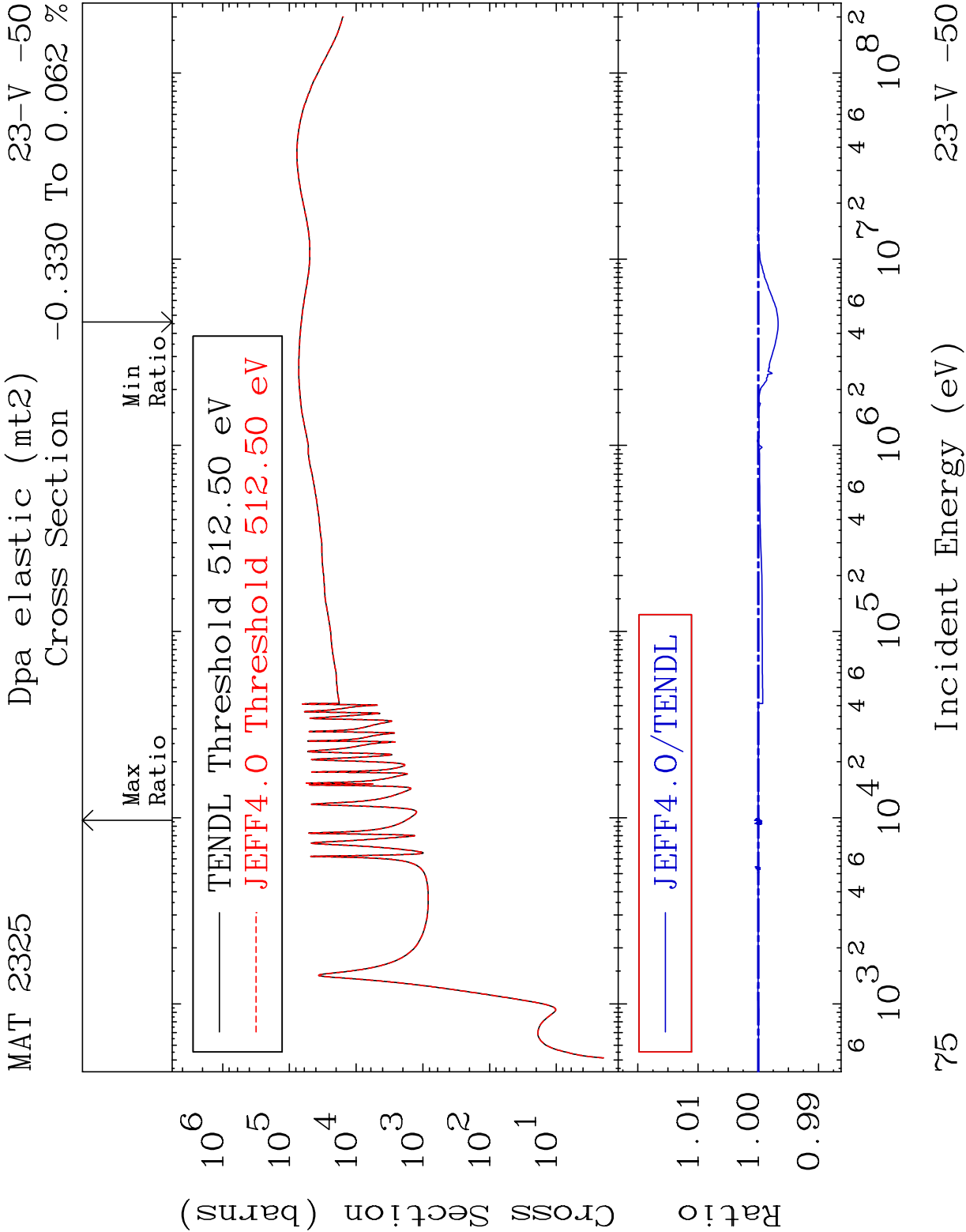
Incident Energy (eV)

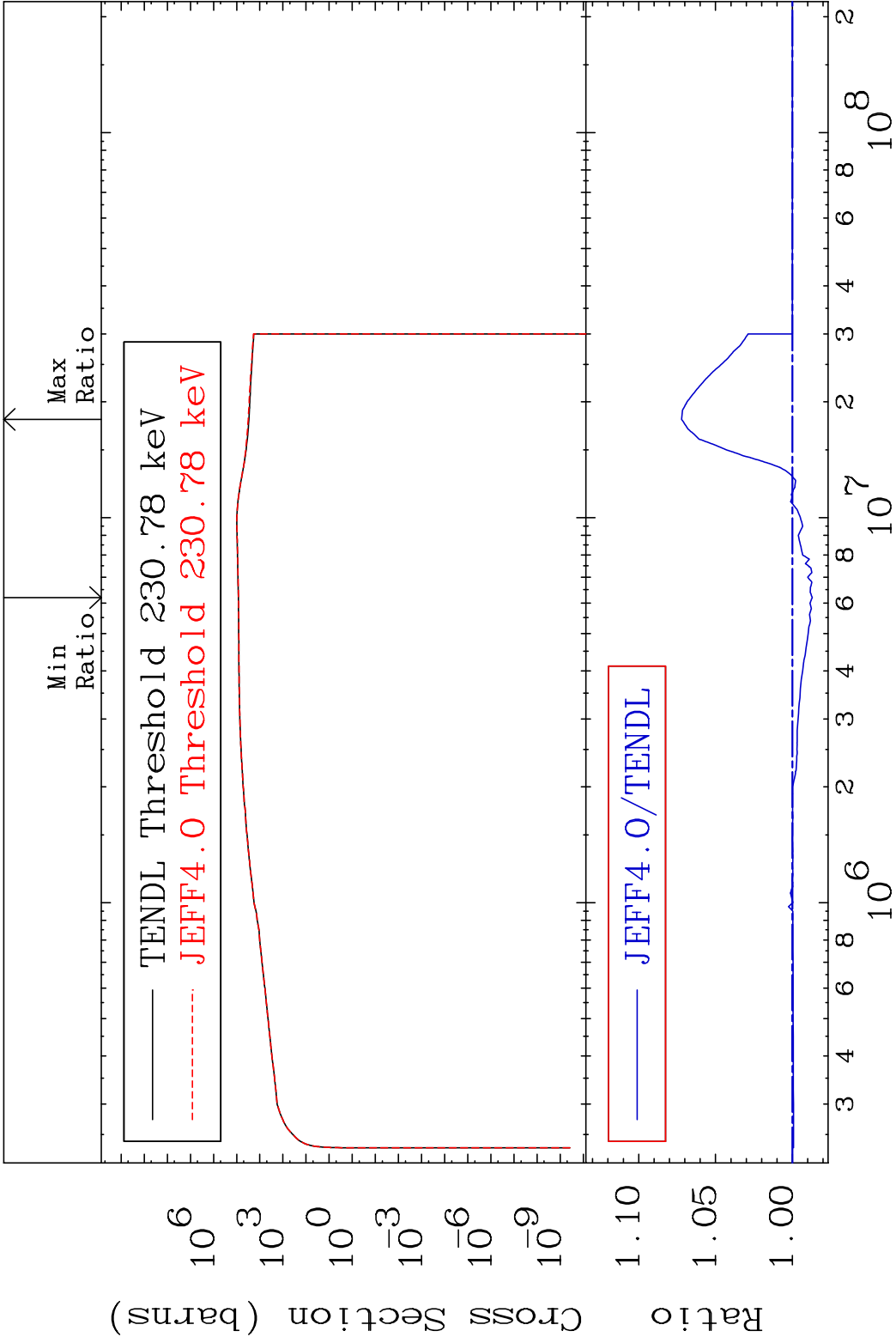
23-V-50

MAT 2325 Dpa total (eV-barns) 23-V -50
Cross Section -1.898 To 20.19 %



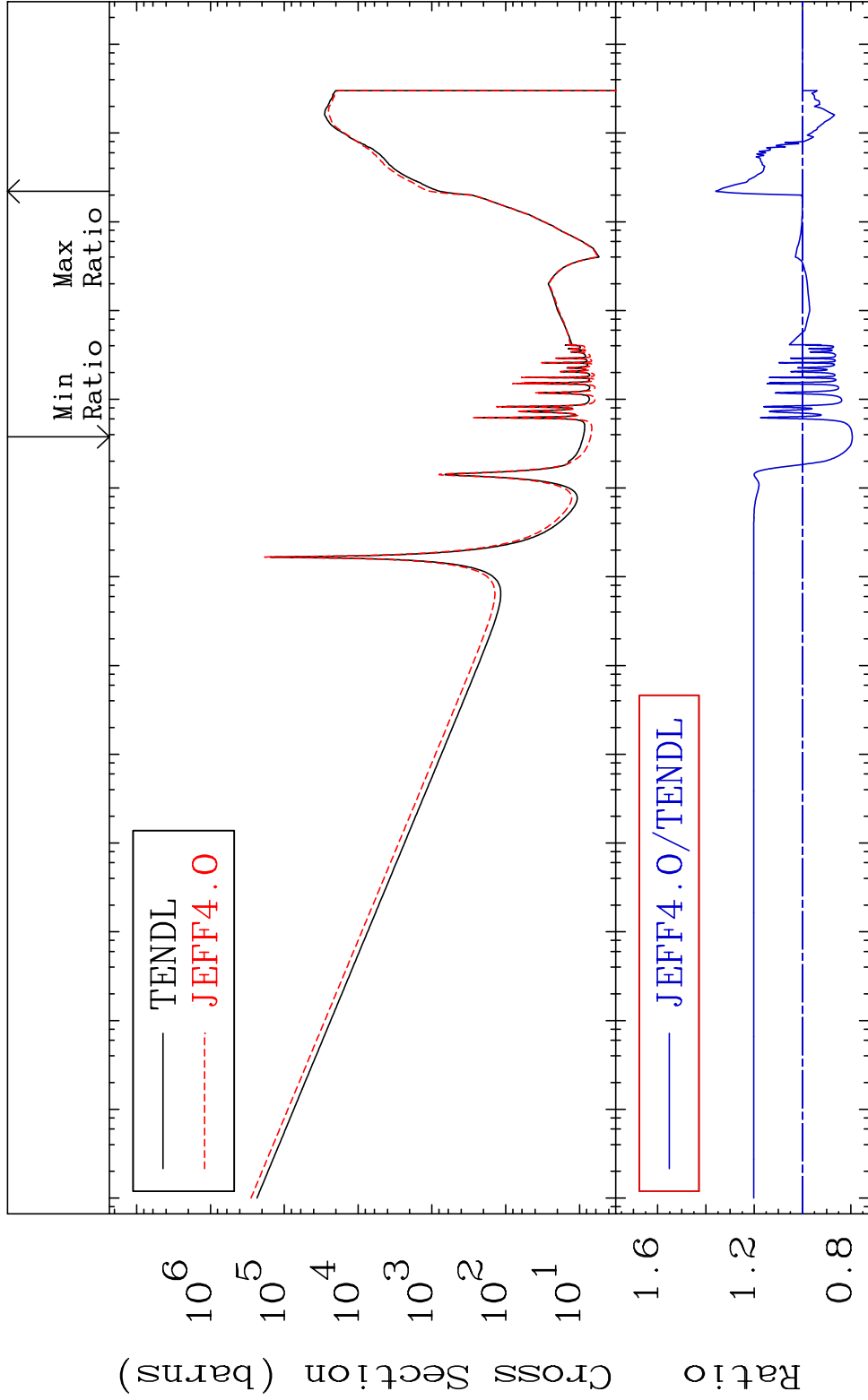
74 Incident Energy (eV) 23-V -50





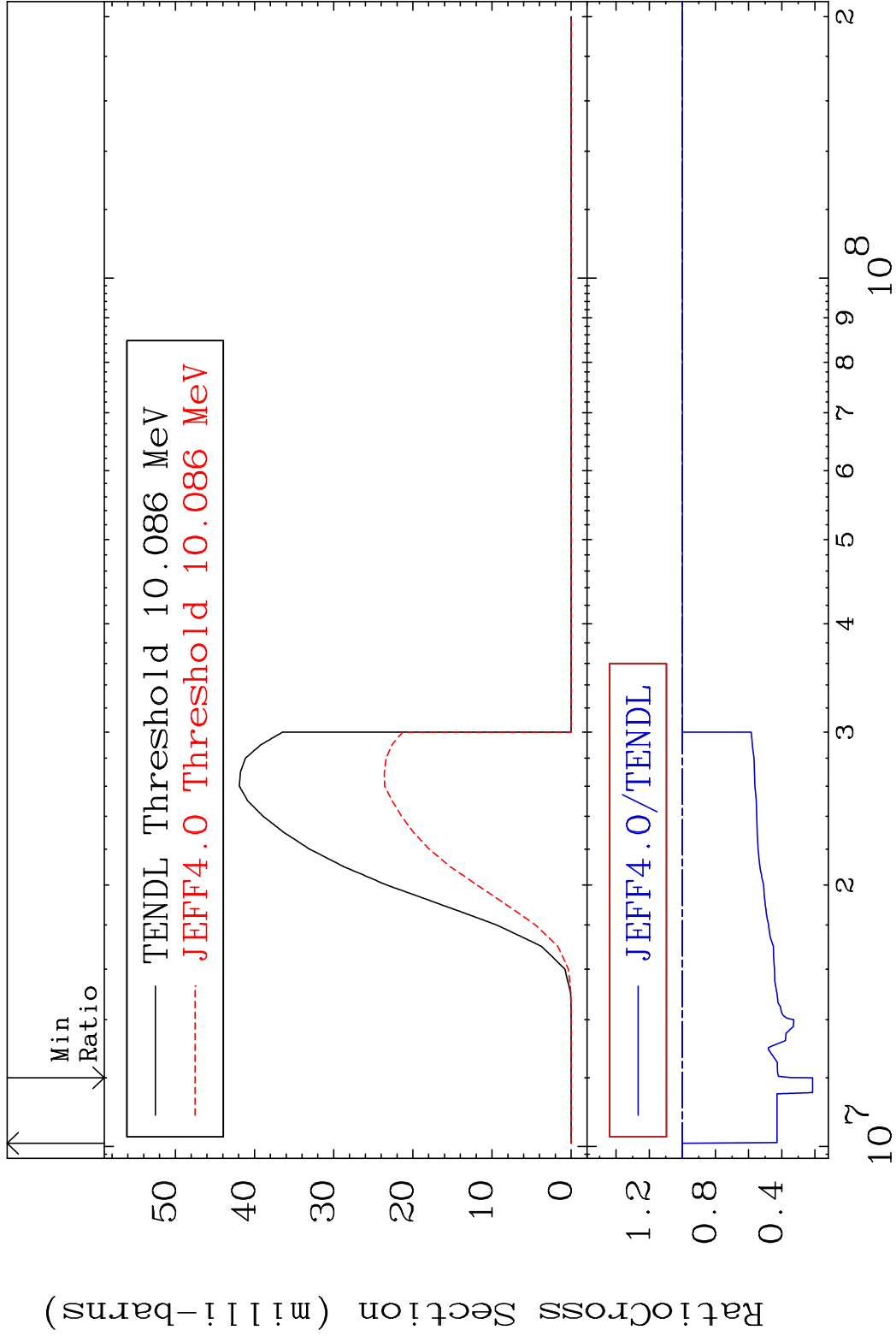
MAT 2325 Dpa disappearance (mt102 -120) 23-V -50

Cross Section -20.61 To 35.97 %

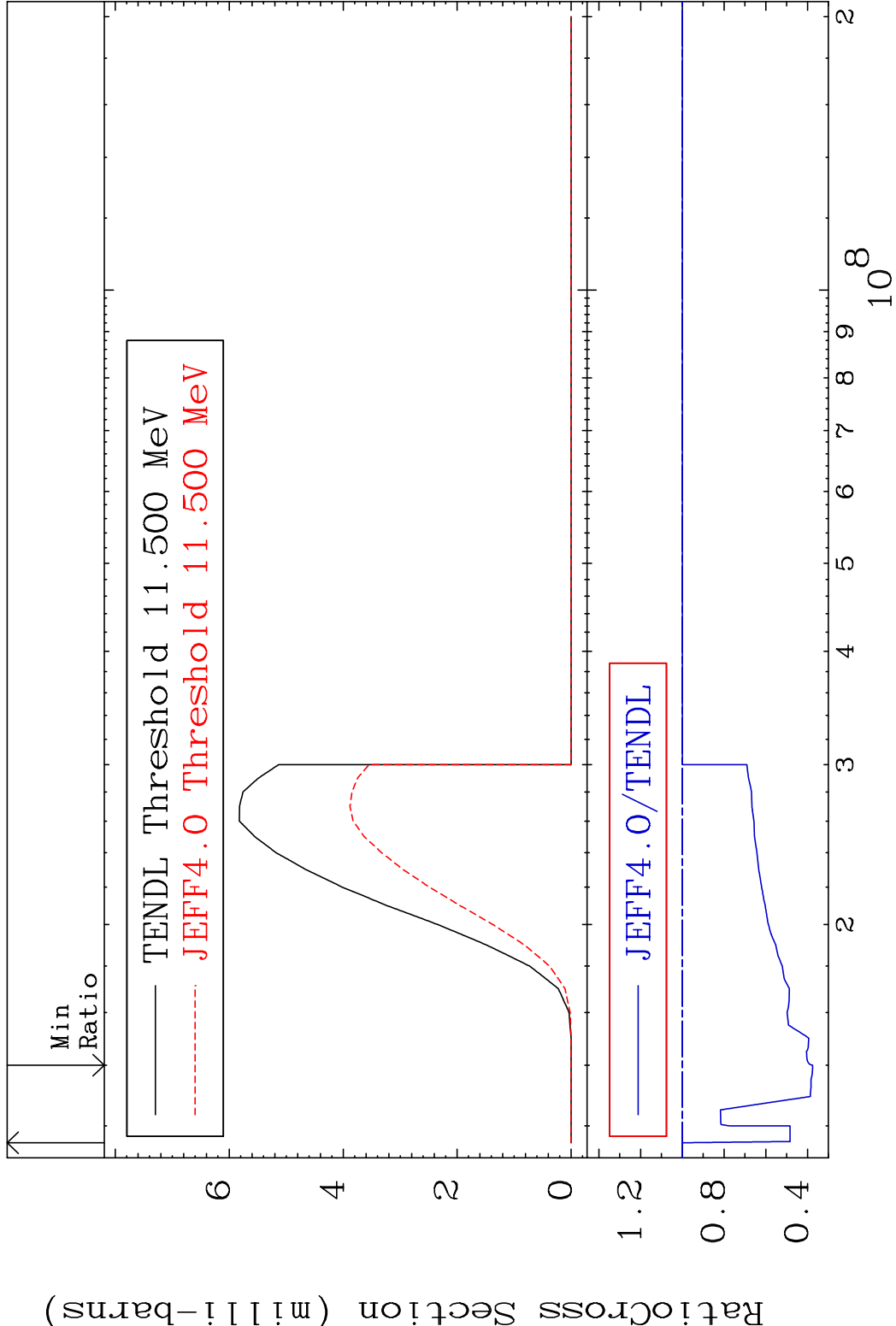


10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

77 Incident Energy (eV) 23-V -50

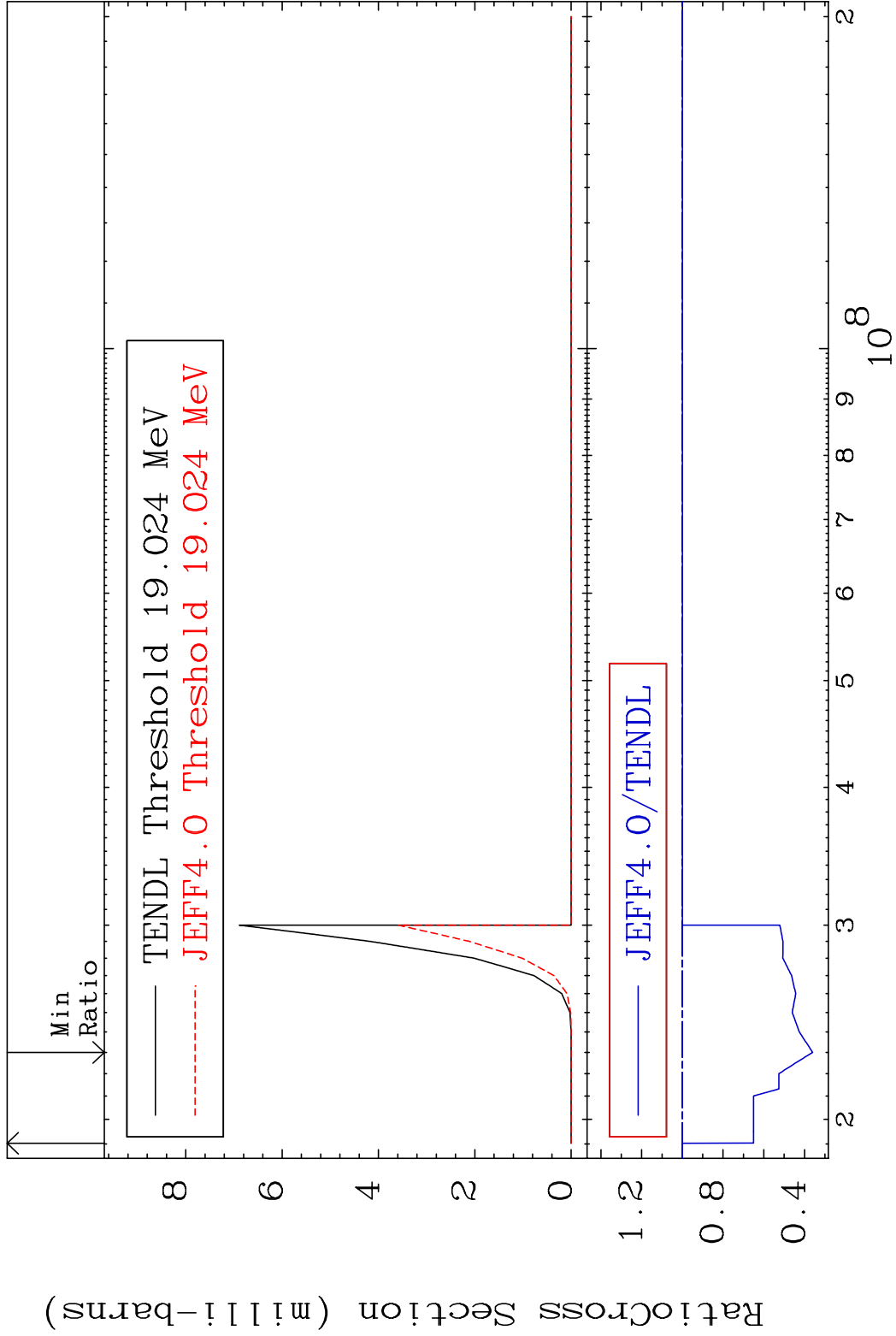


Radionuclide Production Cross Section (mb)



MAT 2325 (n,2n) α:21-Sc-45g 23-V -50

Radionuclide Production Cross Section (milli-barns)



80 Incident Energy (eV) 23-V -50

