

Program Complot
(Version 2021-1)

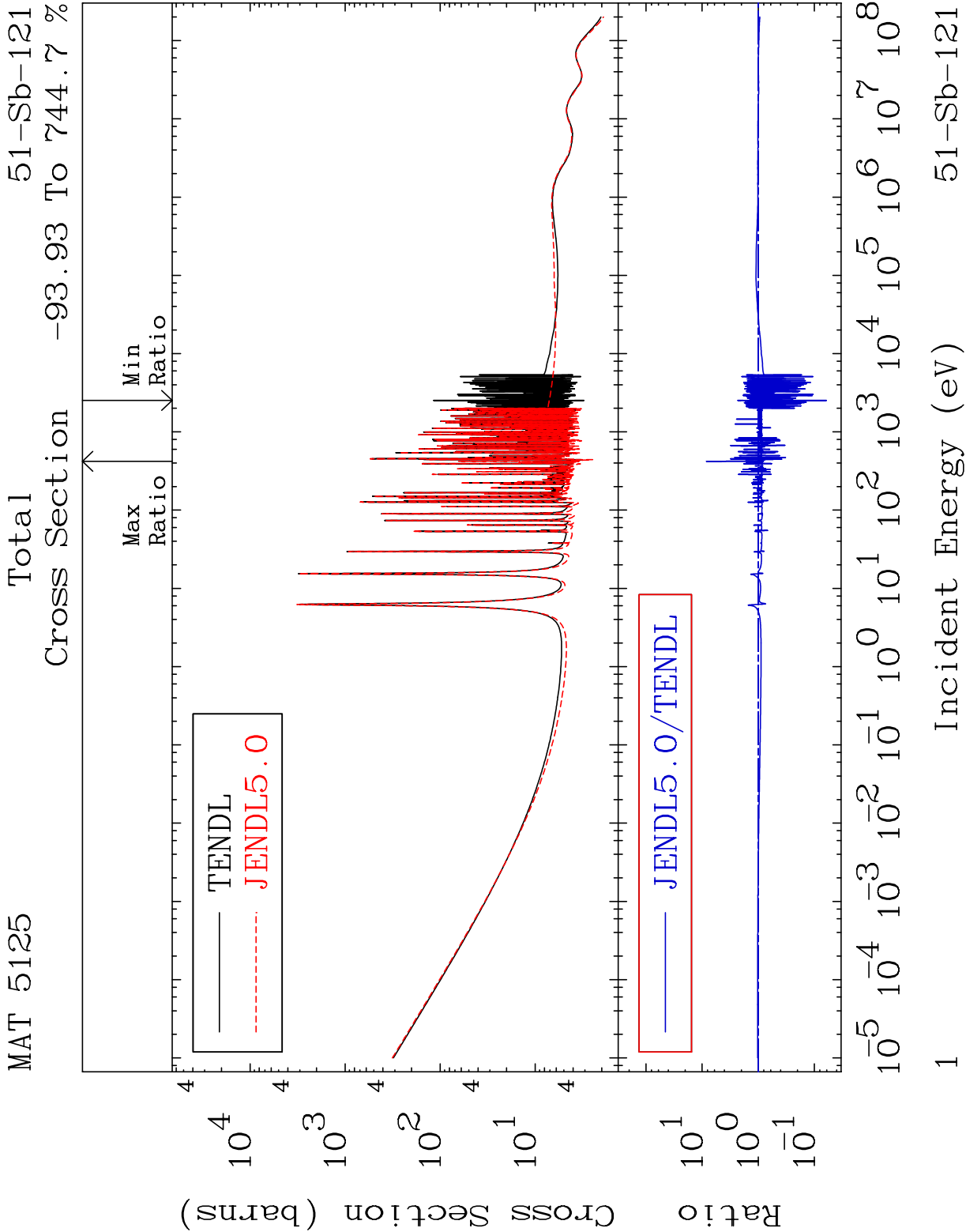
by

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Press Mouse Button to Start

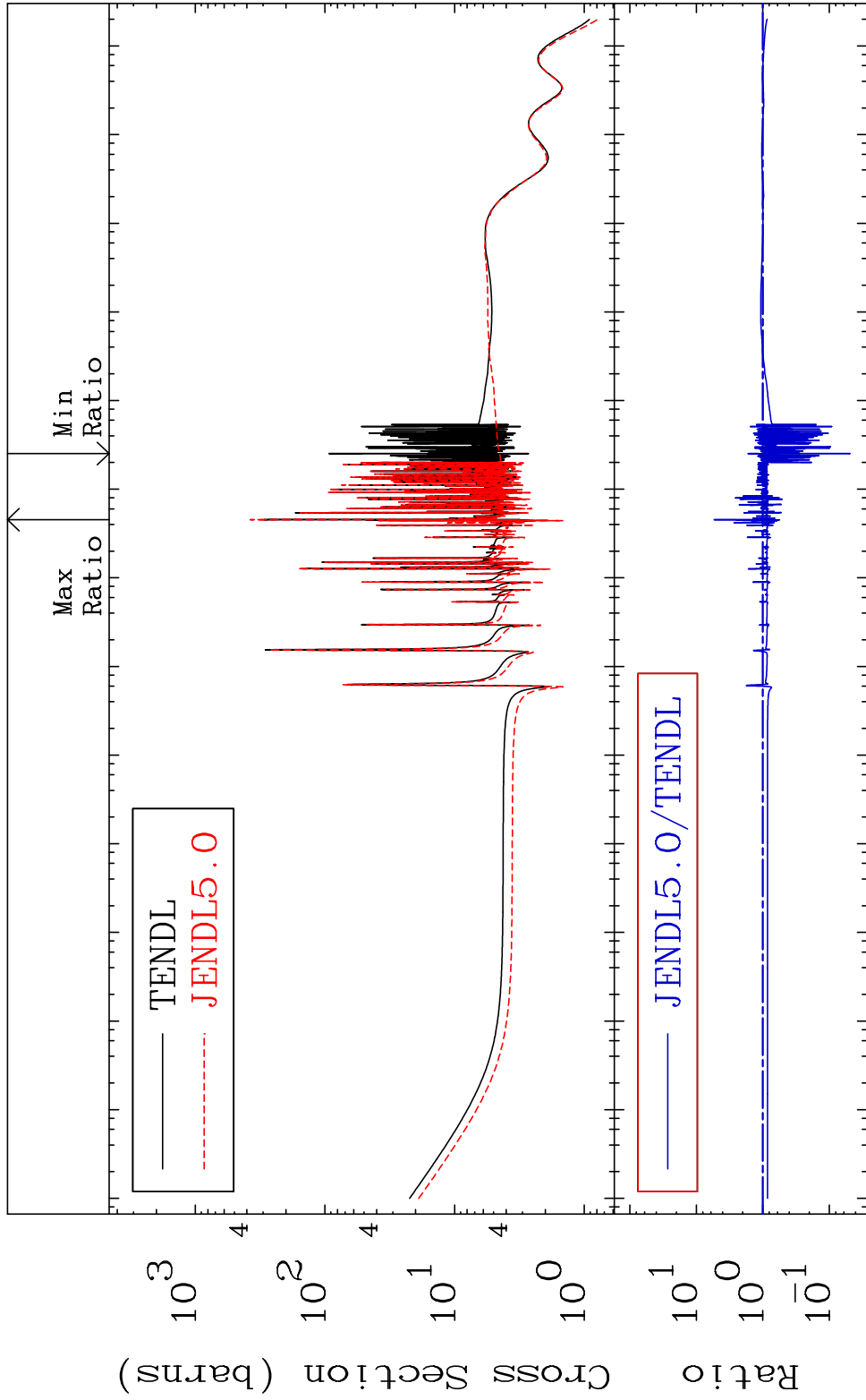


MAT 5125

Elastic

51-Sb-121

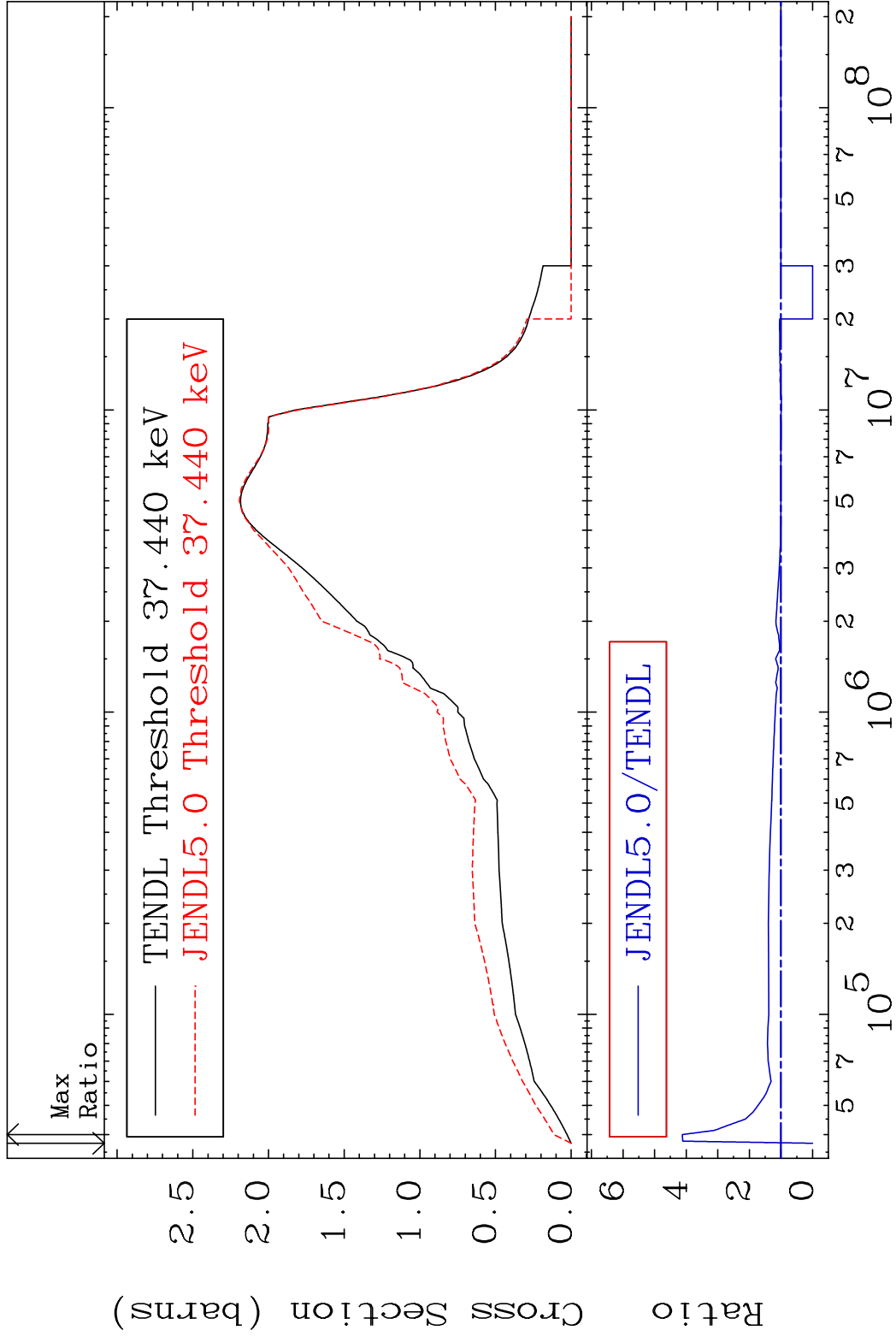
Cross Section -95.18 To 441.4 %

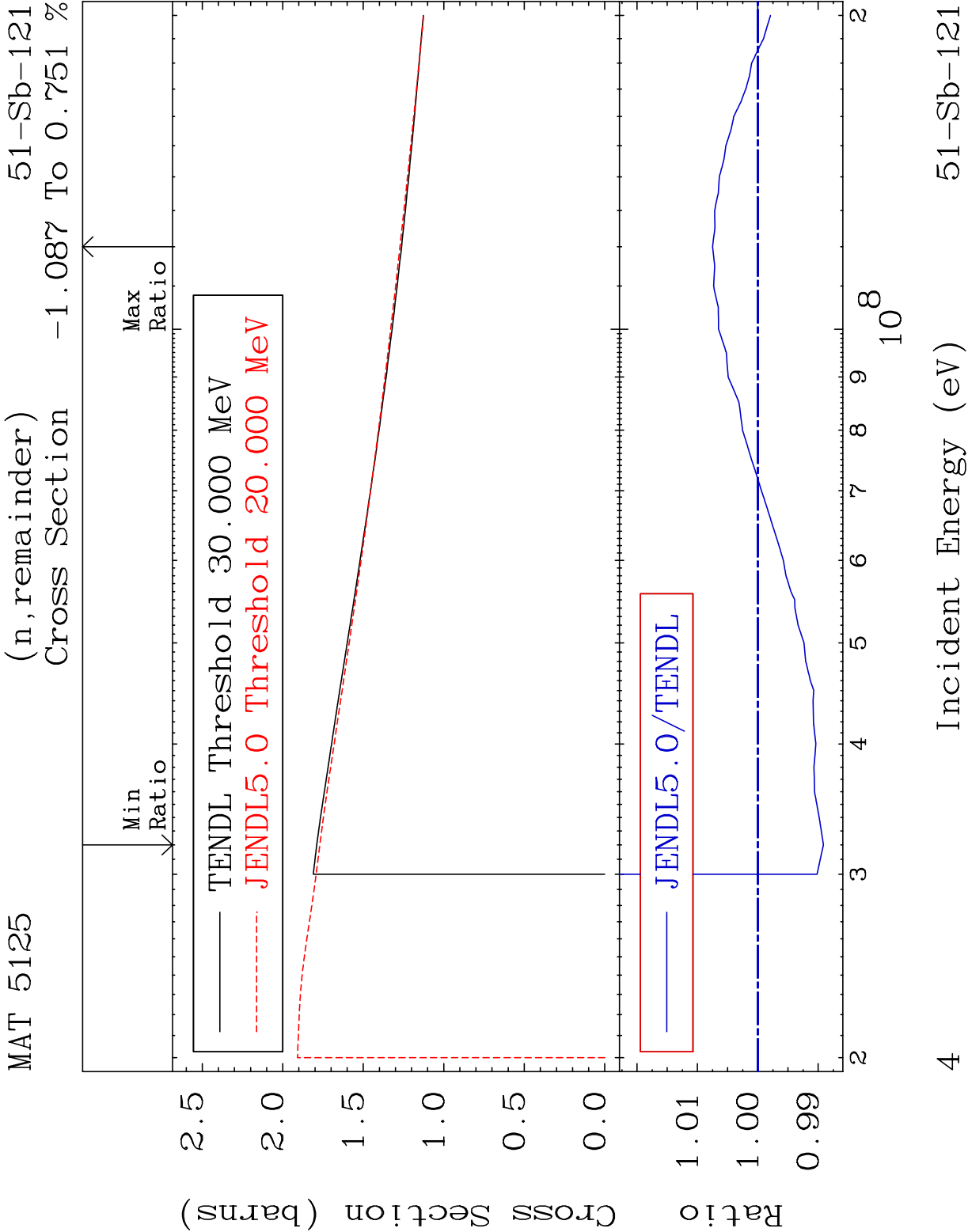


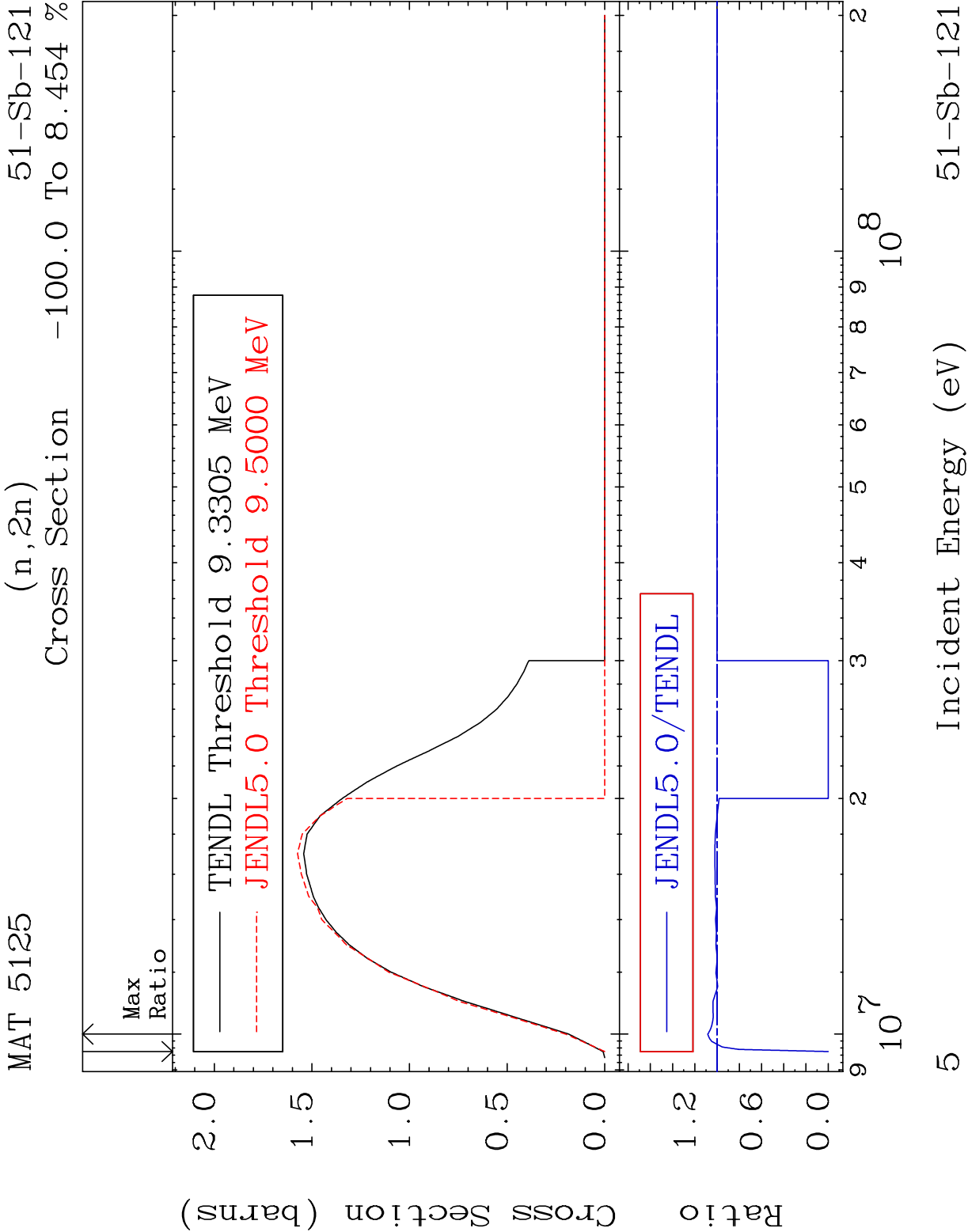
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

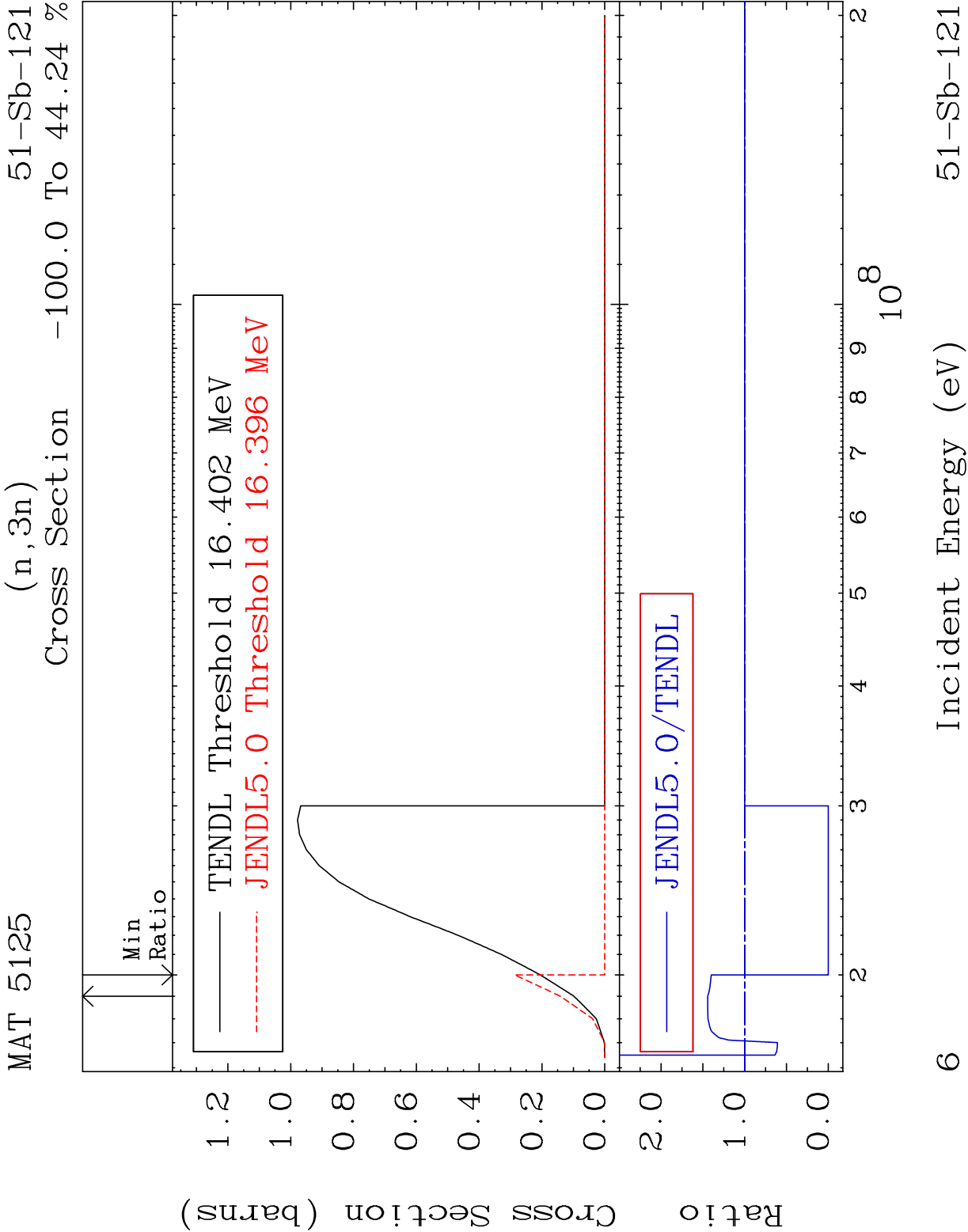
Incident Energy (eV)

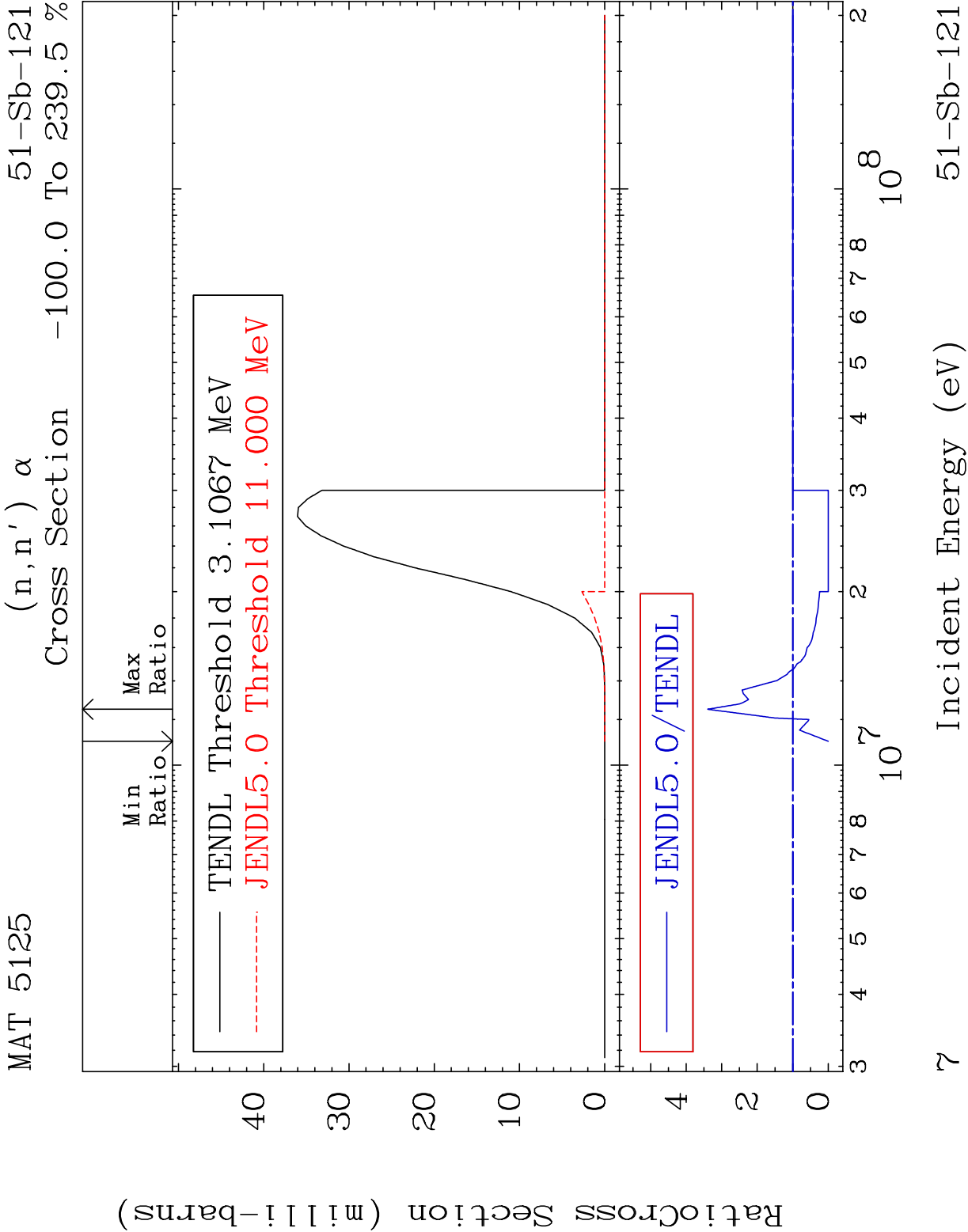
51-Sb-121

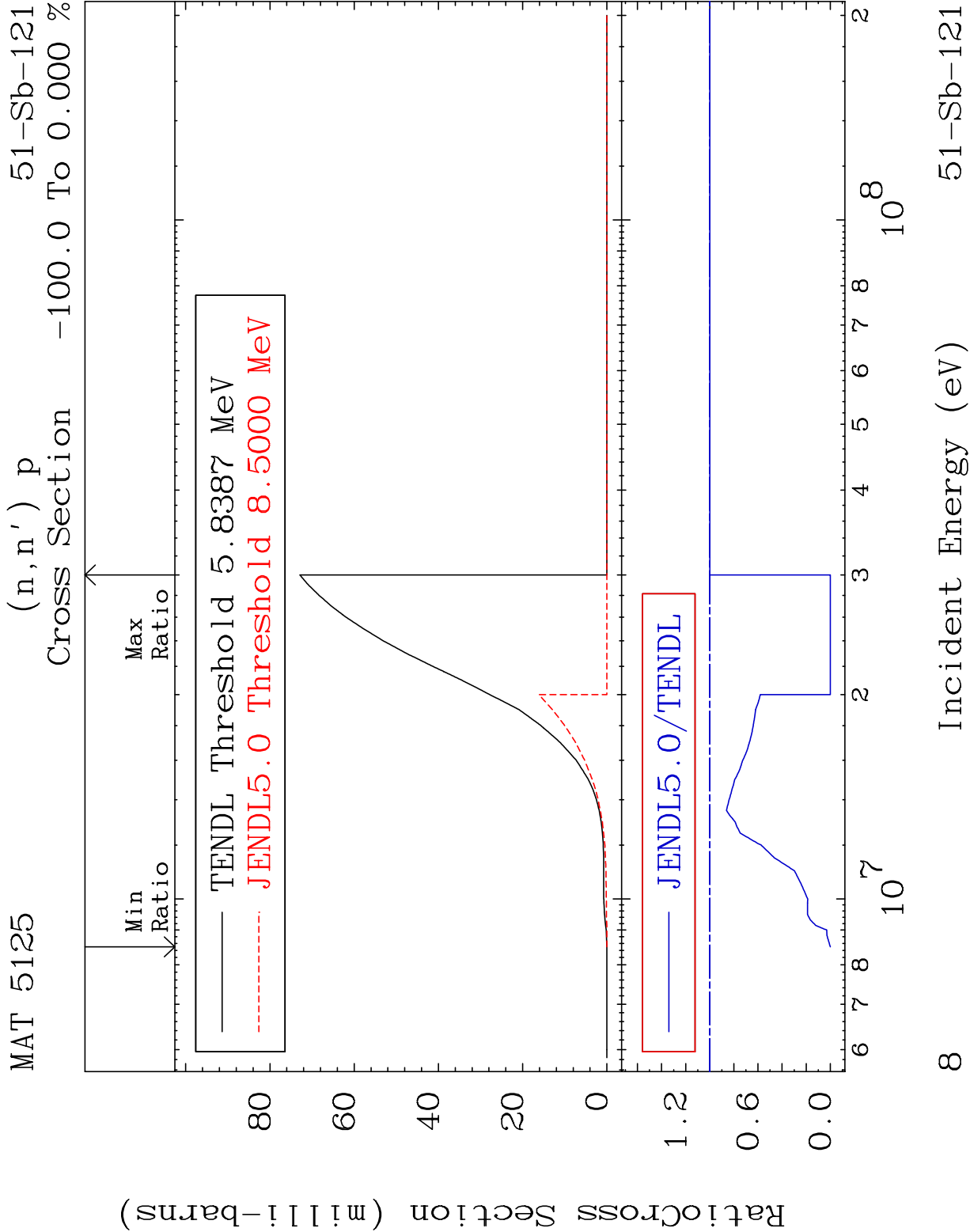


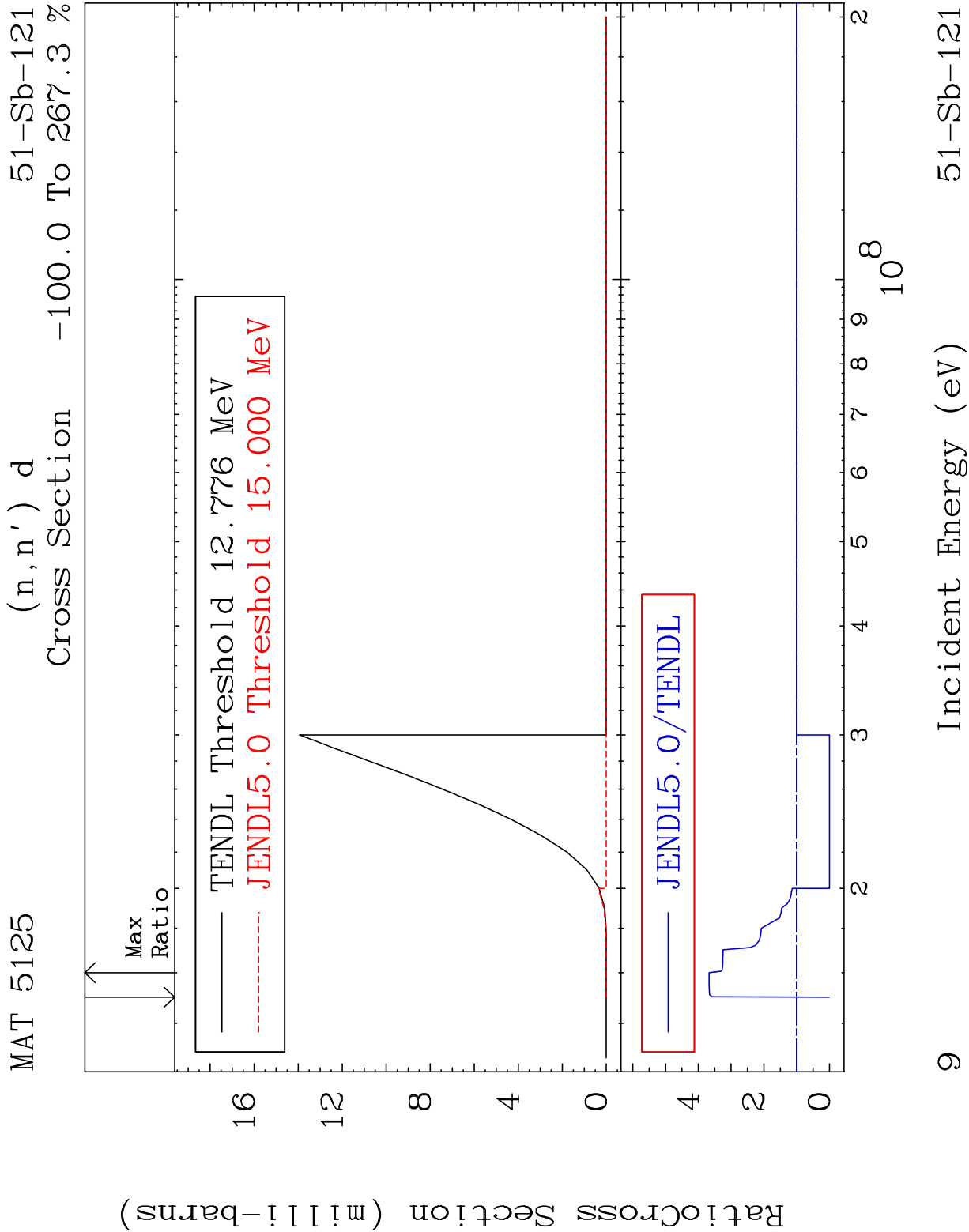




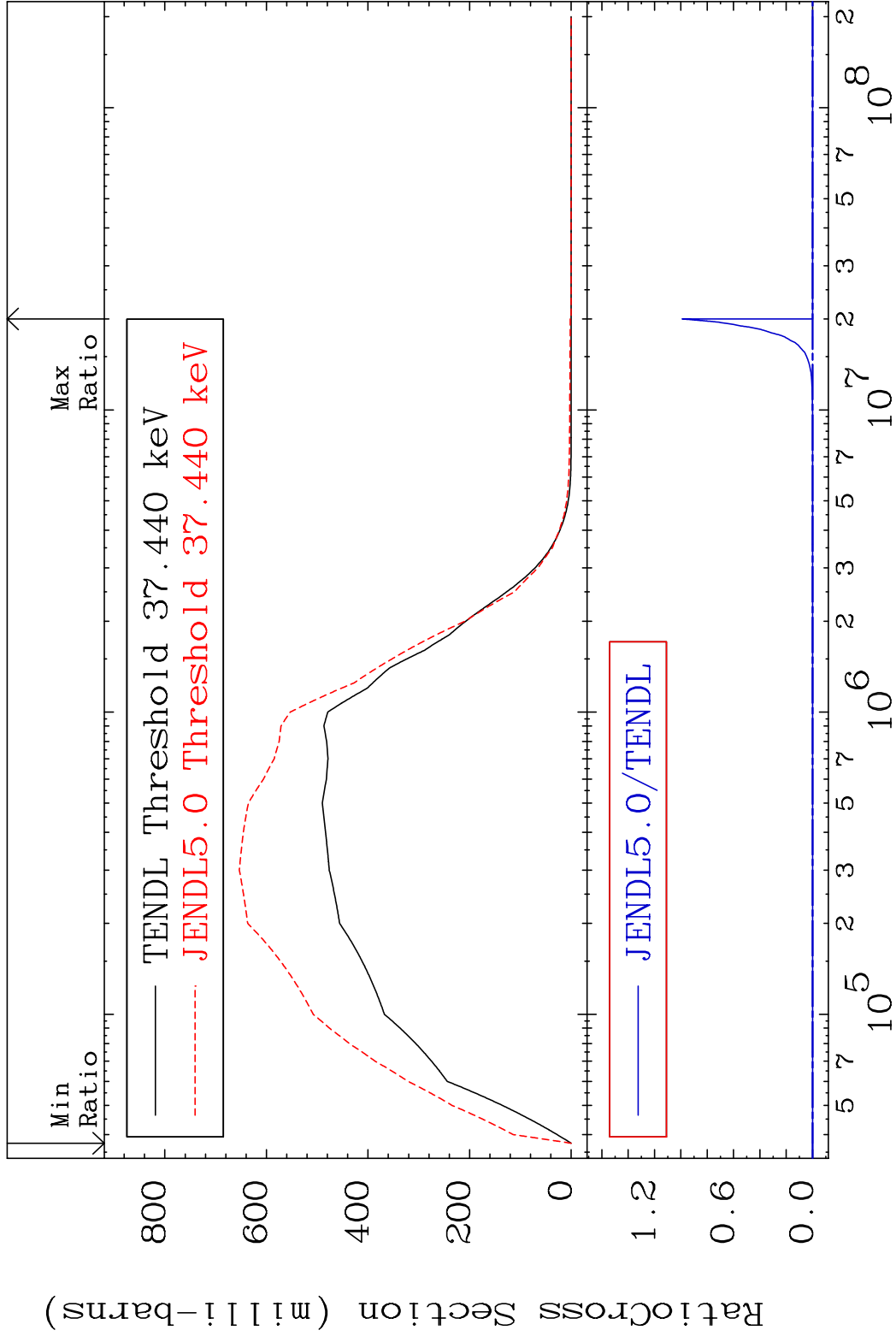






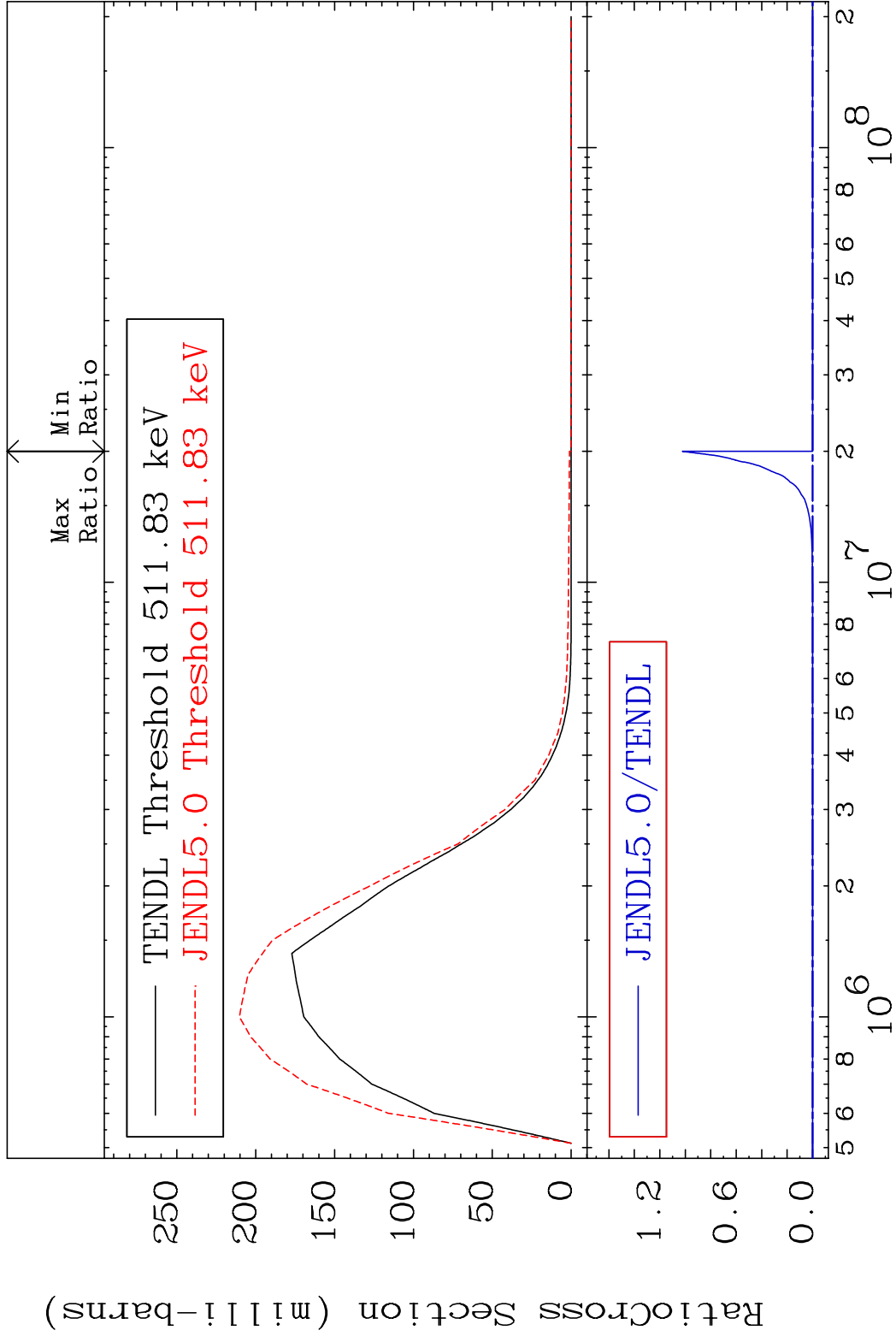


MAT 5125 MT= 51 (n,n') Level 51-Sb-121
Cross Section -100.0 To 9999. %

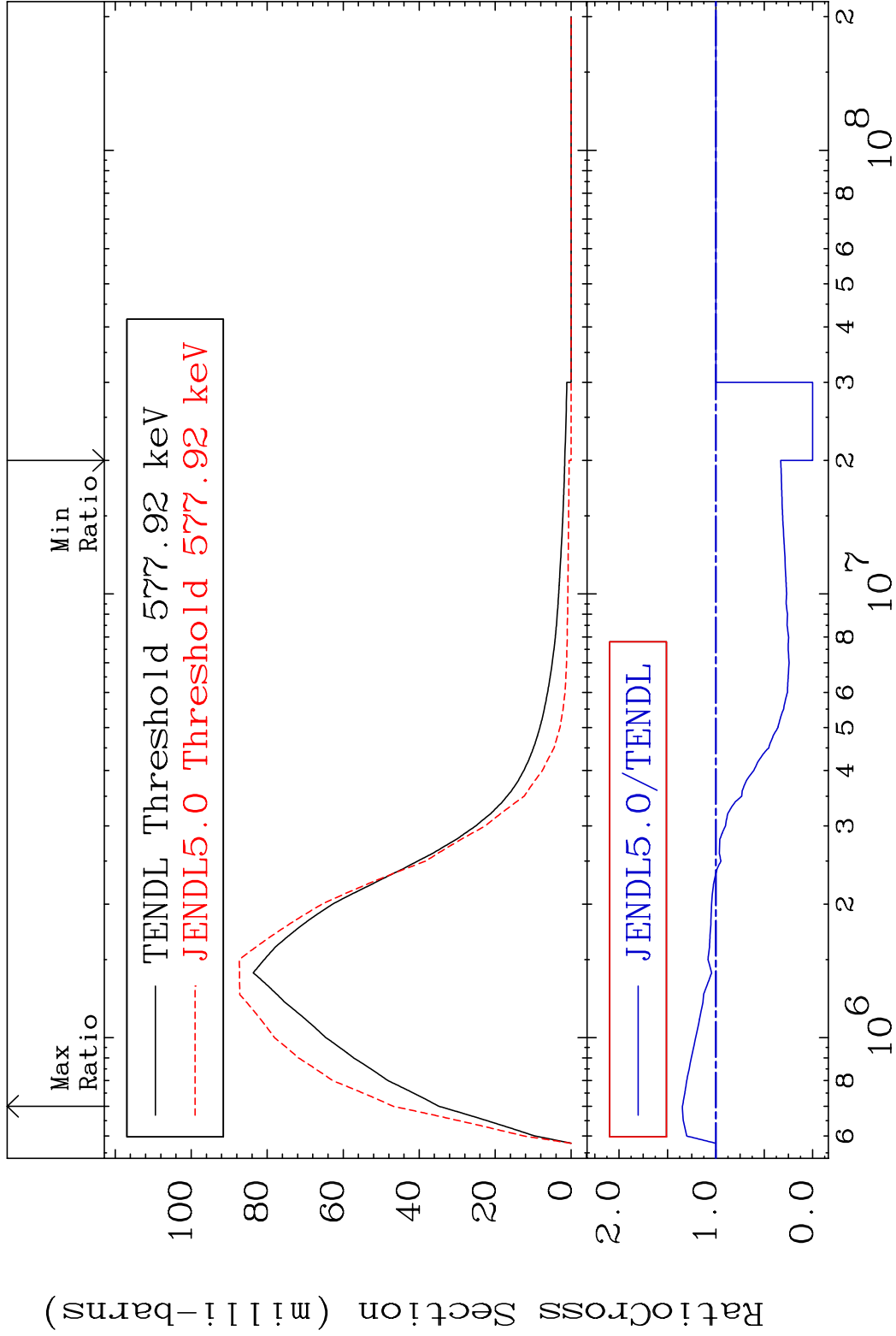


10 Incident Energy (eV) 51-Sb-121

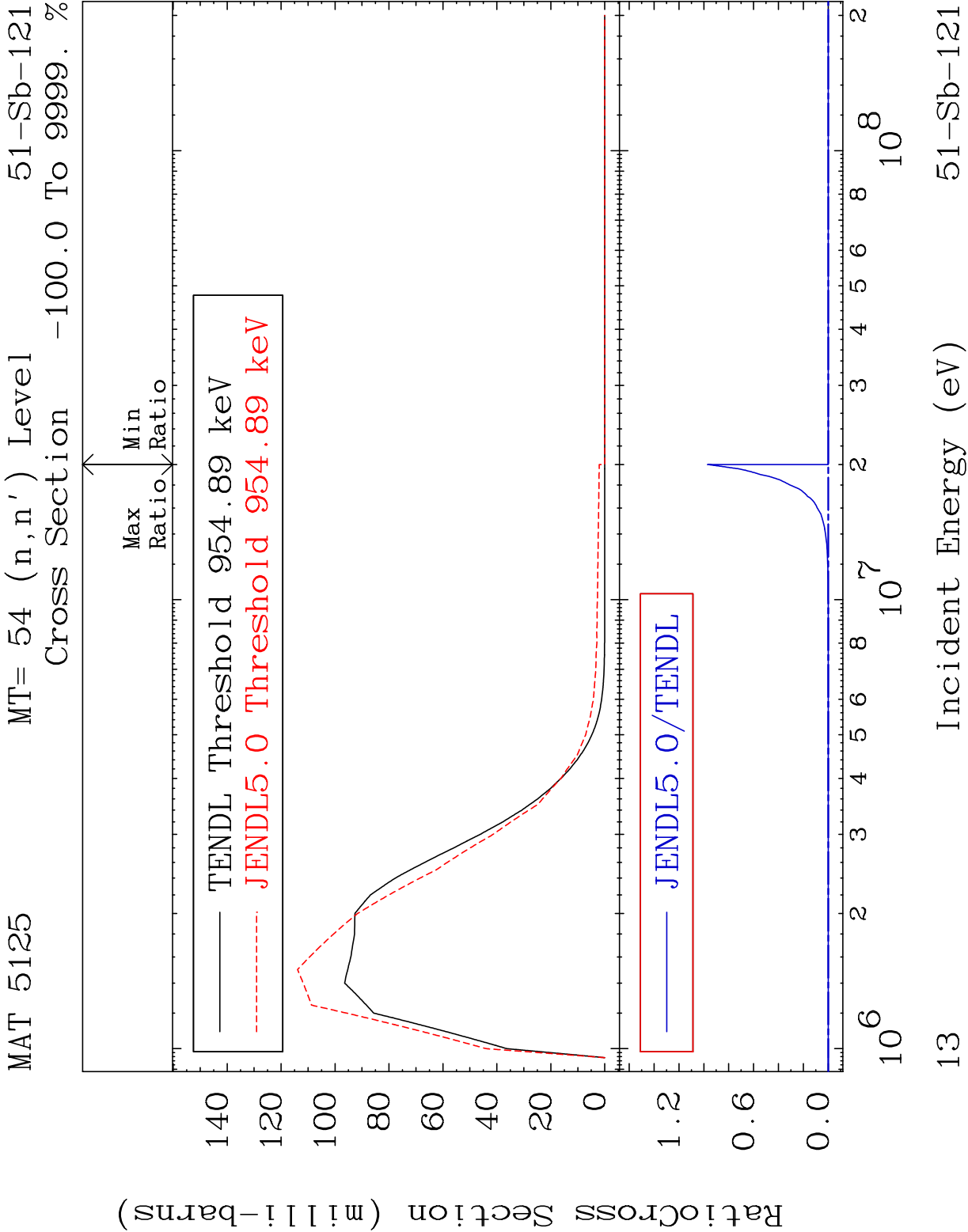
MAT 5125 MT= 52 (n,n') Level 51-Sb-121
Cross Section -100.0 To 9999. %



MAT 5125 MT= 53 (n,n') Level 51-Sb-121
Cross Section -100.0 To 34.59 %



12 Incident Energy (eV) 51-Sb-121

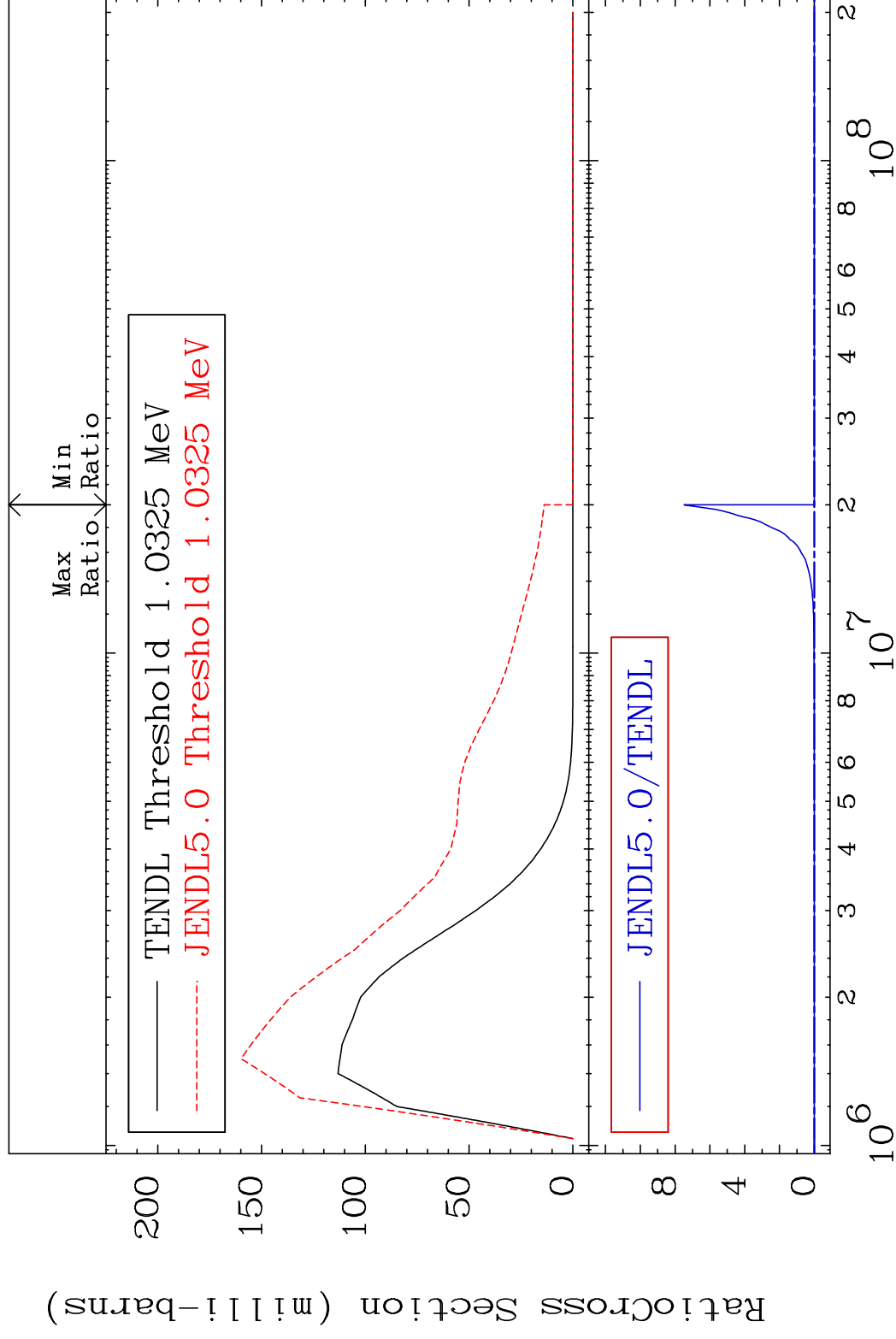


MAT 5125

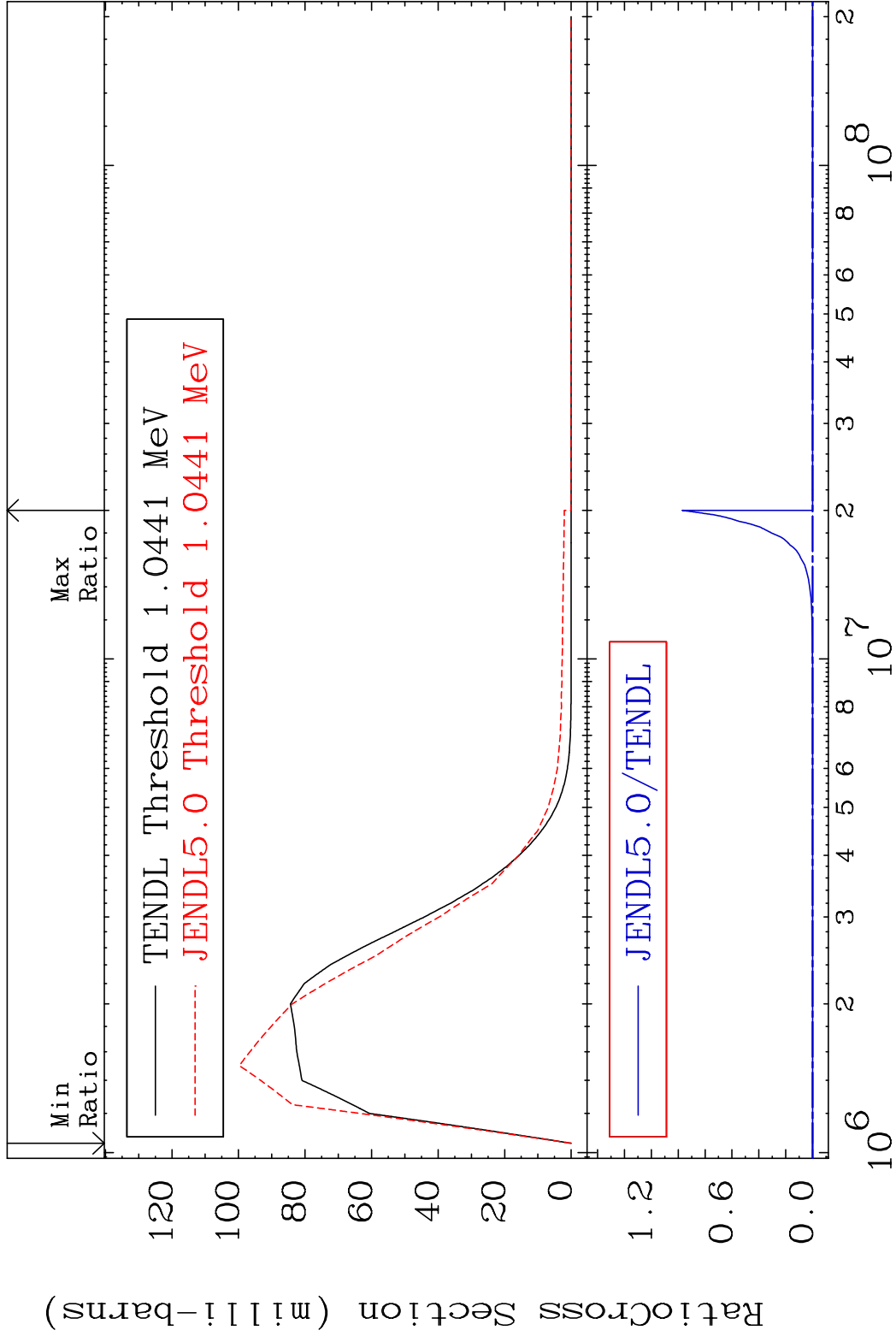
MT=55 (n,n') Level

51-Sb-121

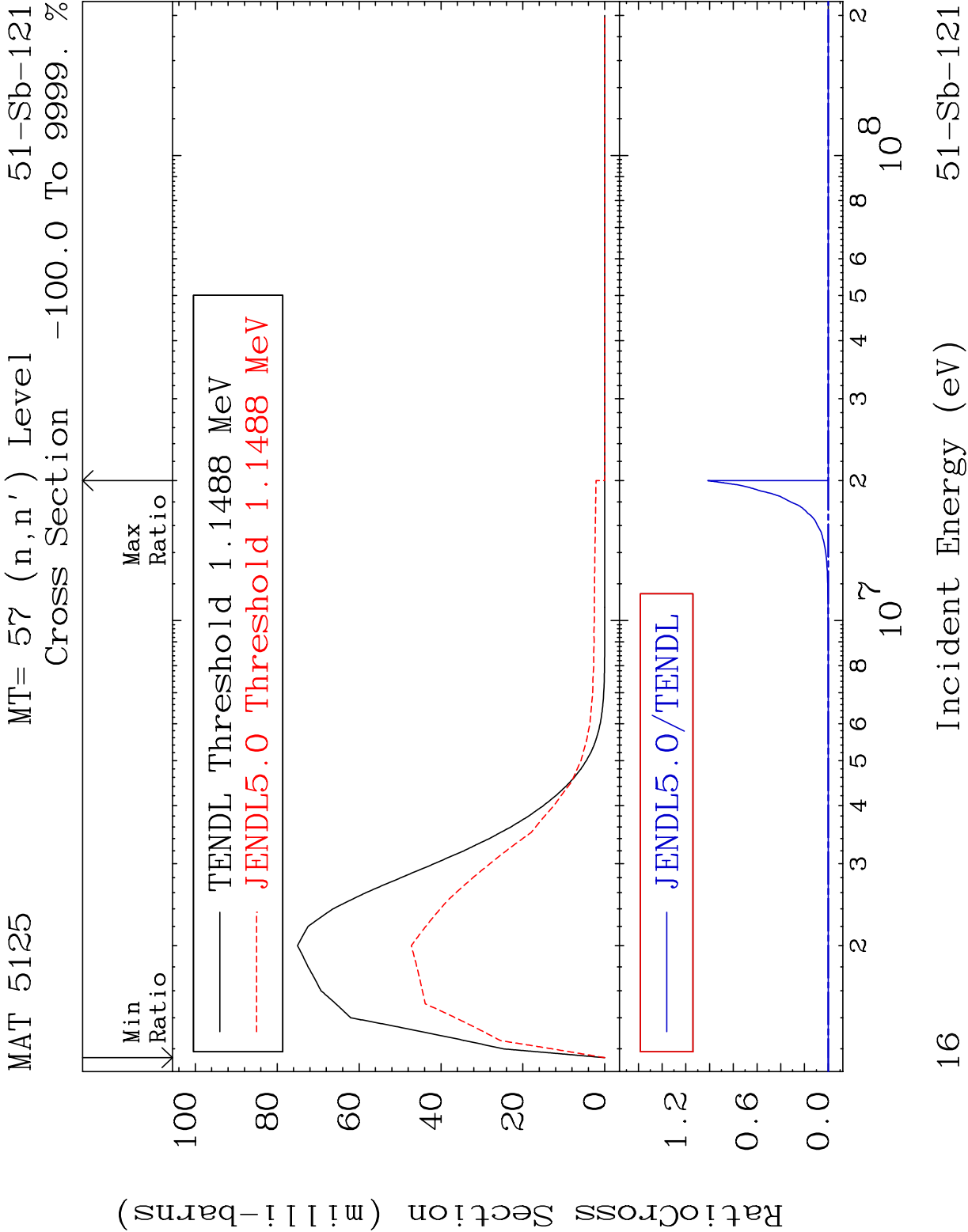
Cross Section -100.0 To 9999. %



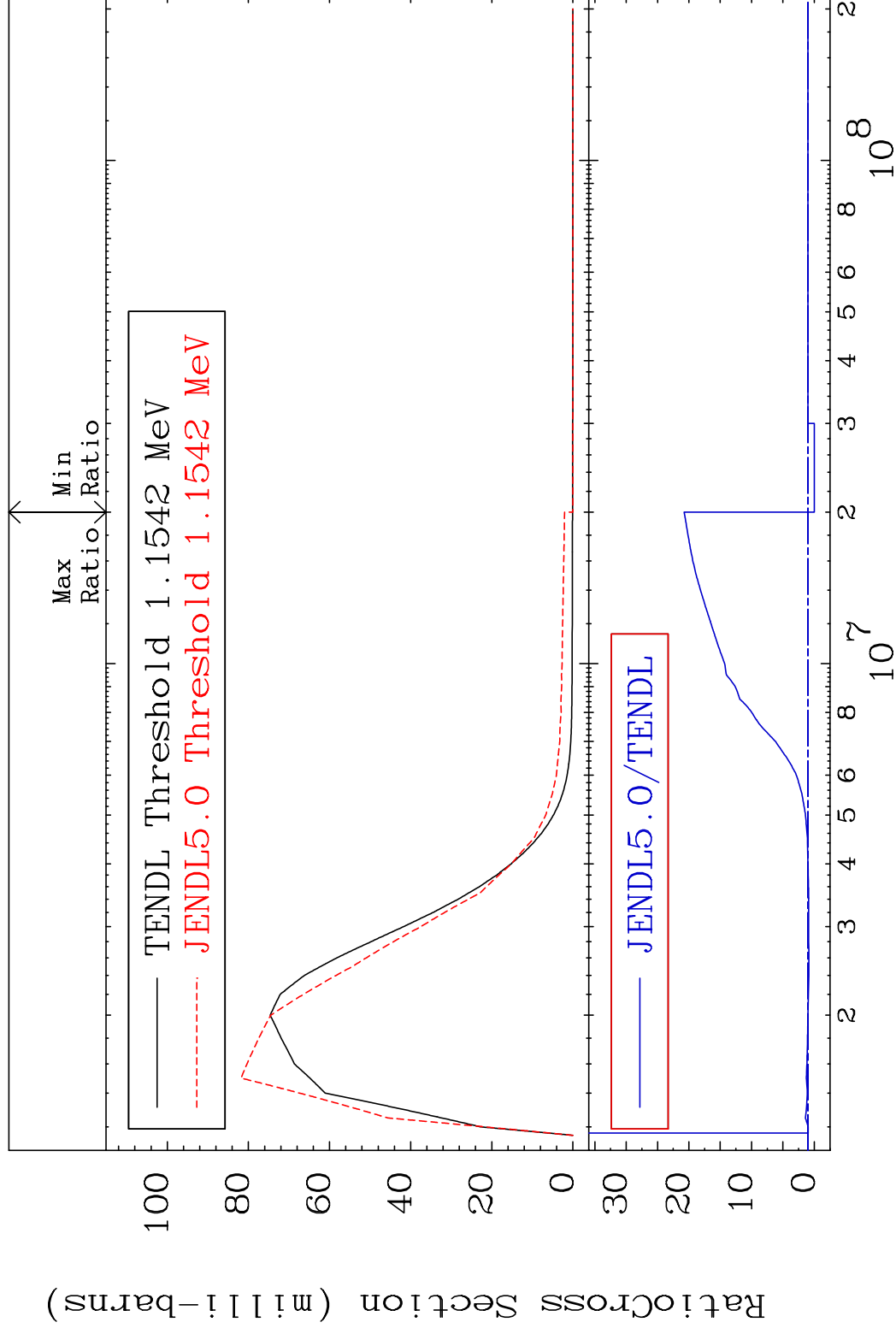
MAT 5125 MT= 56 (n,n') Level 51-Sb-121
Cross Section -100.0 To 9999. %

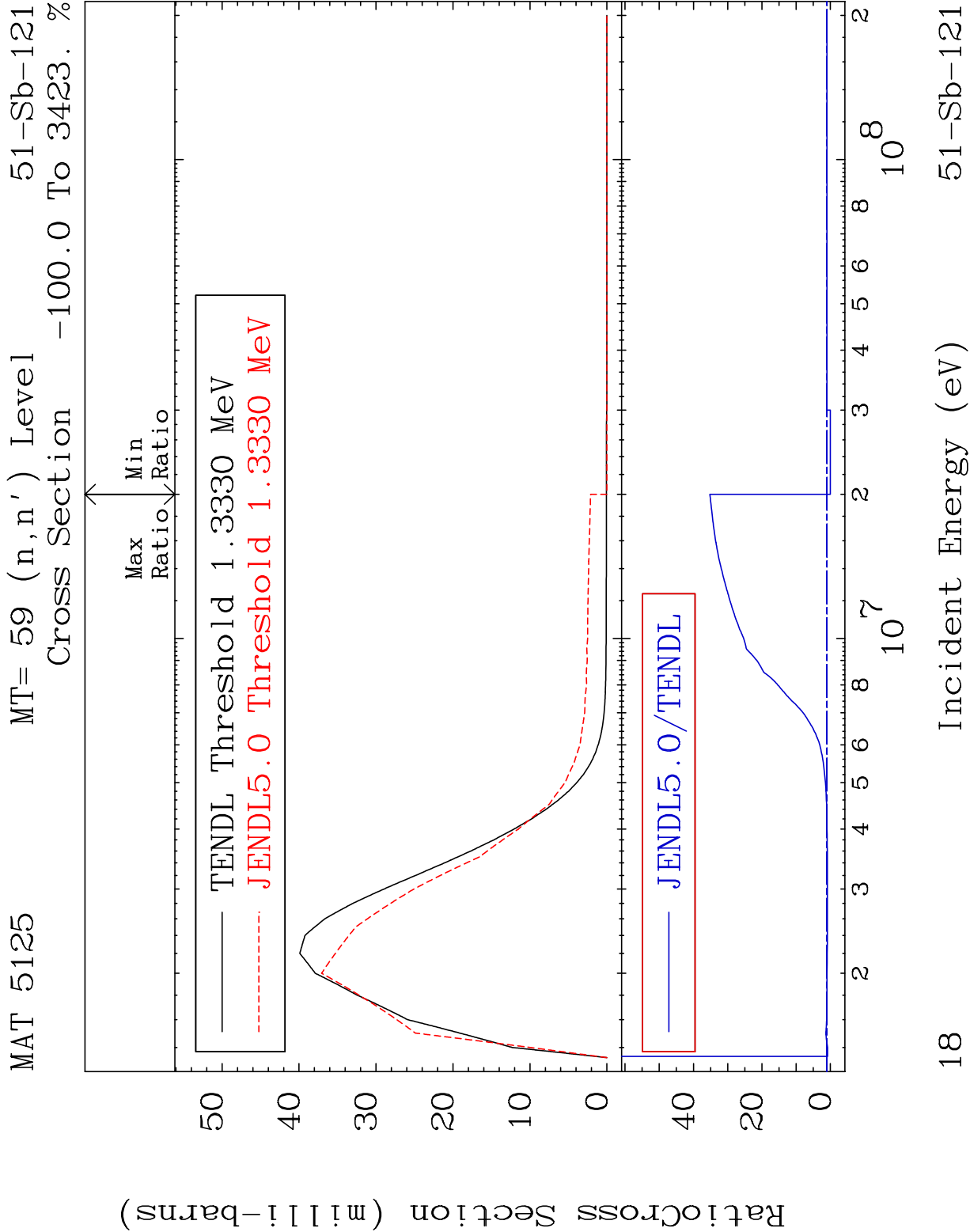


15 Incident Energy (eV) 51-Sb-121

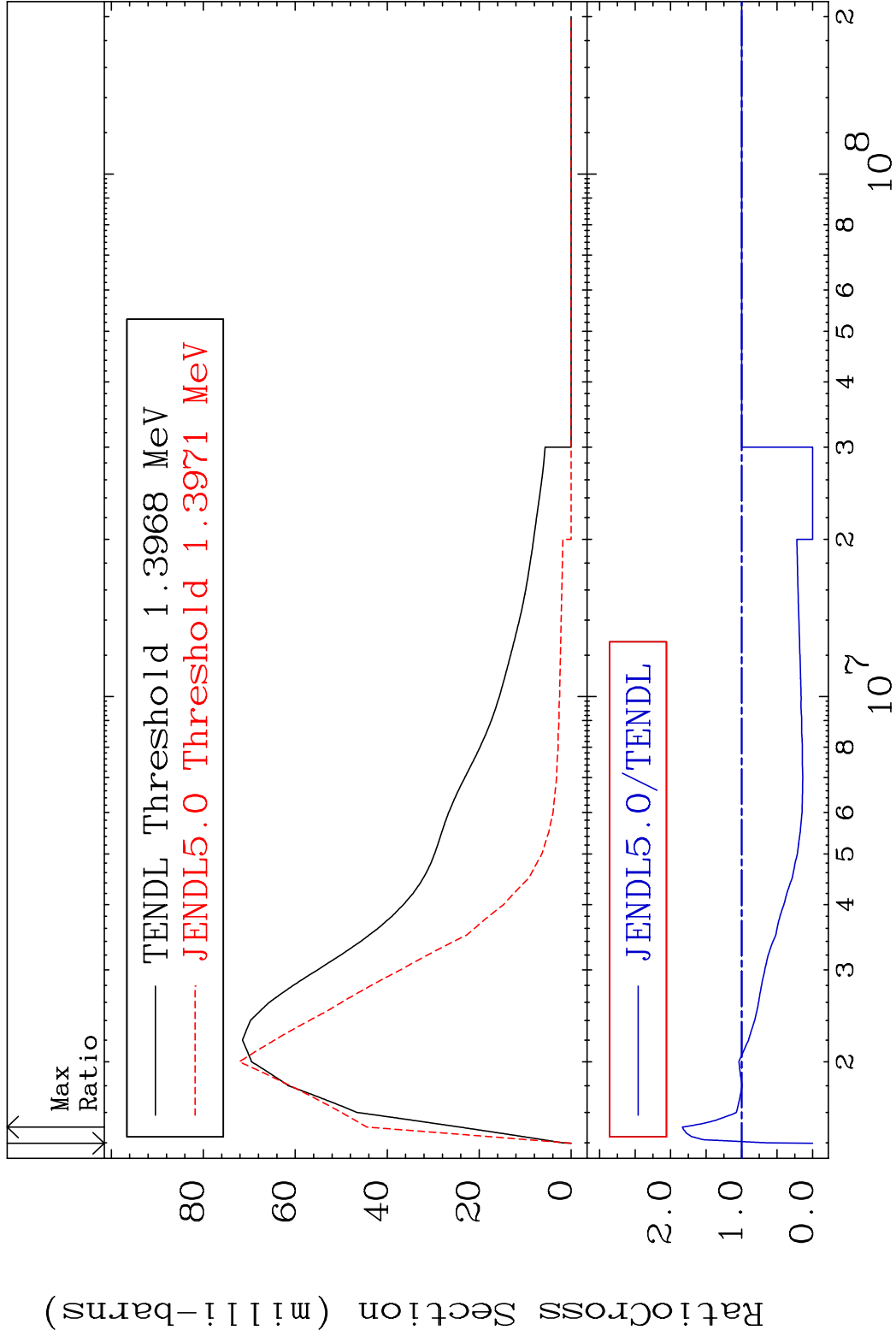


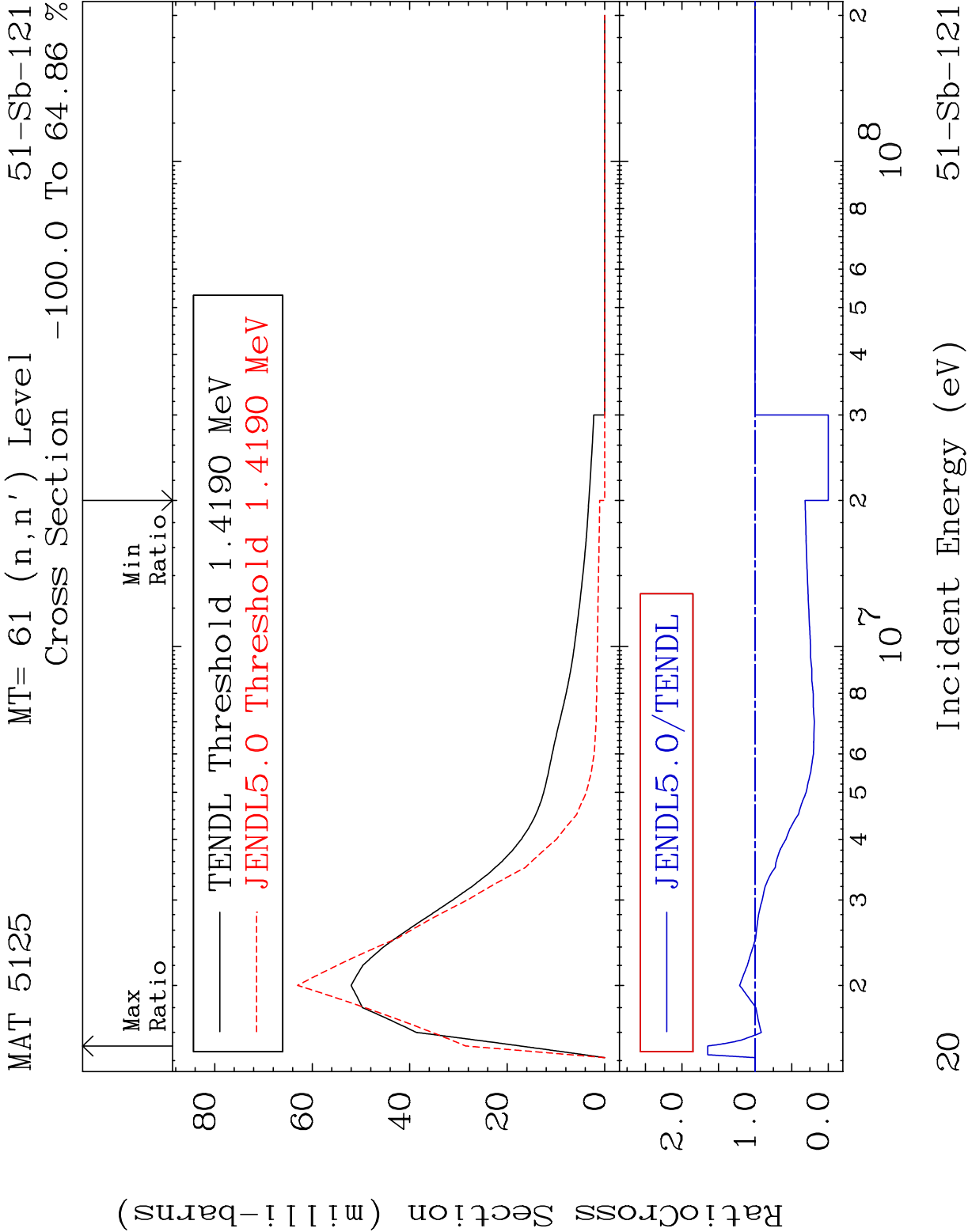
Cross Section -100.0 To 1977. %



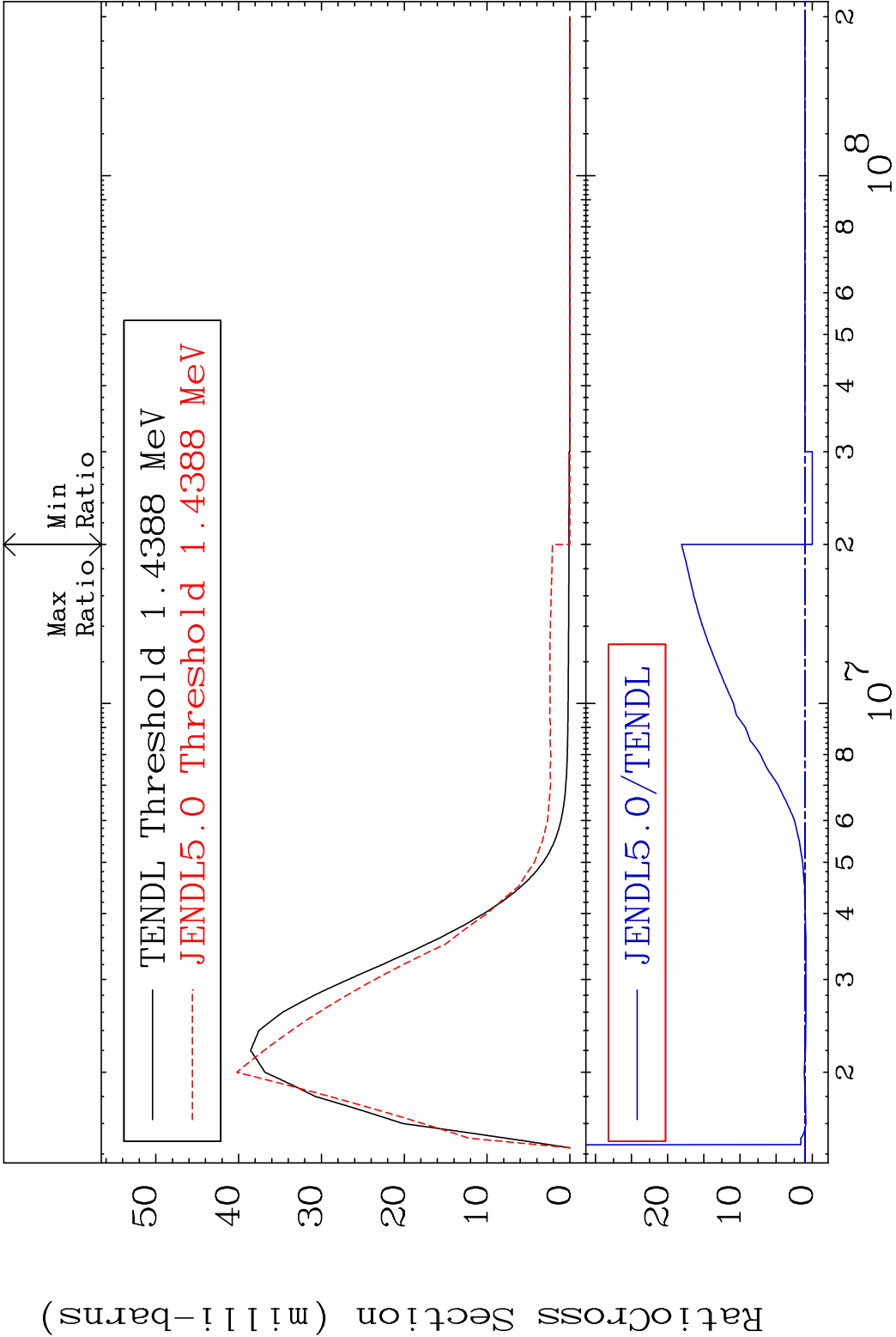


MAT 5125 MT= 60 (n,n') Level 51-Sb-121
Cross Section -100.0 To 83.48 %

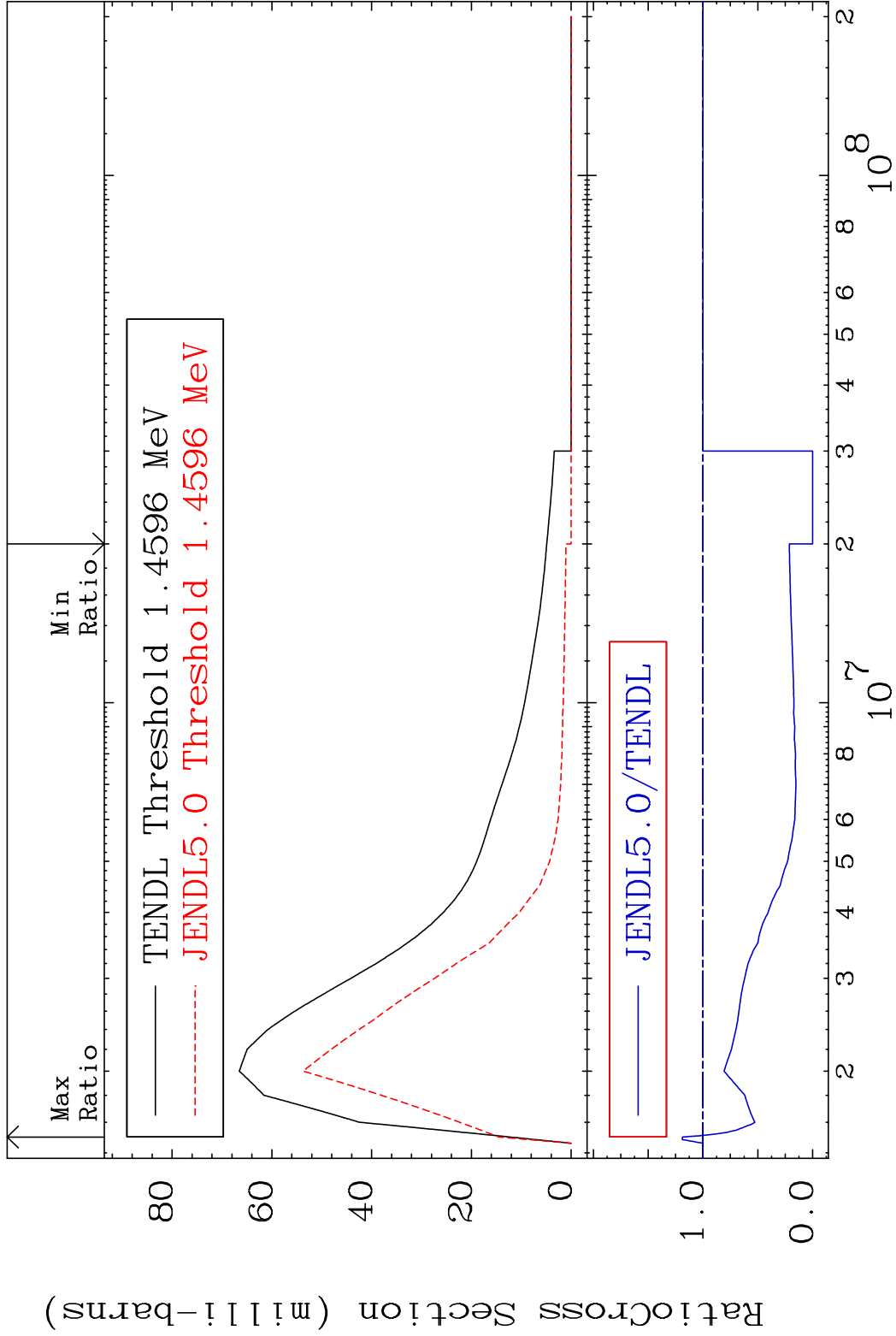


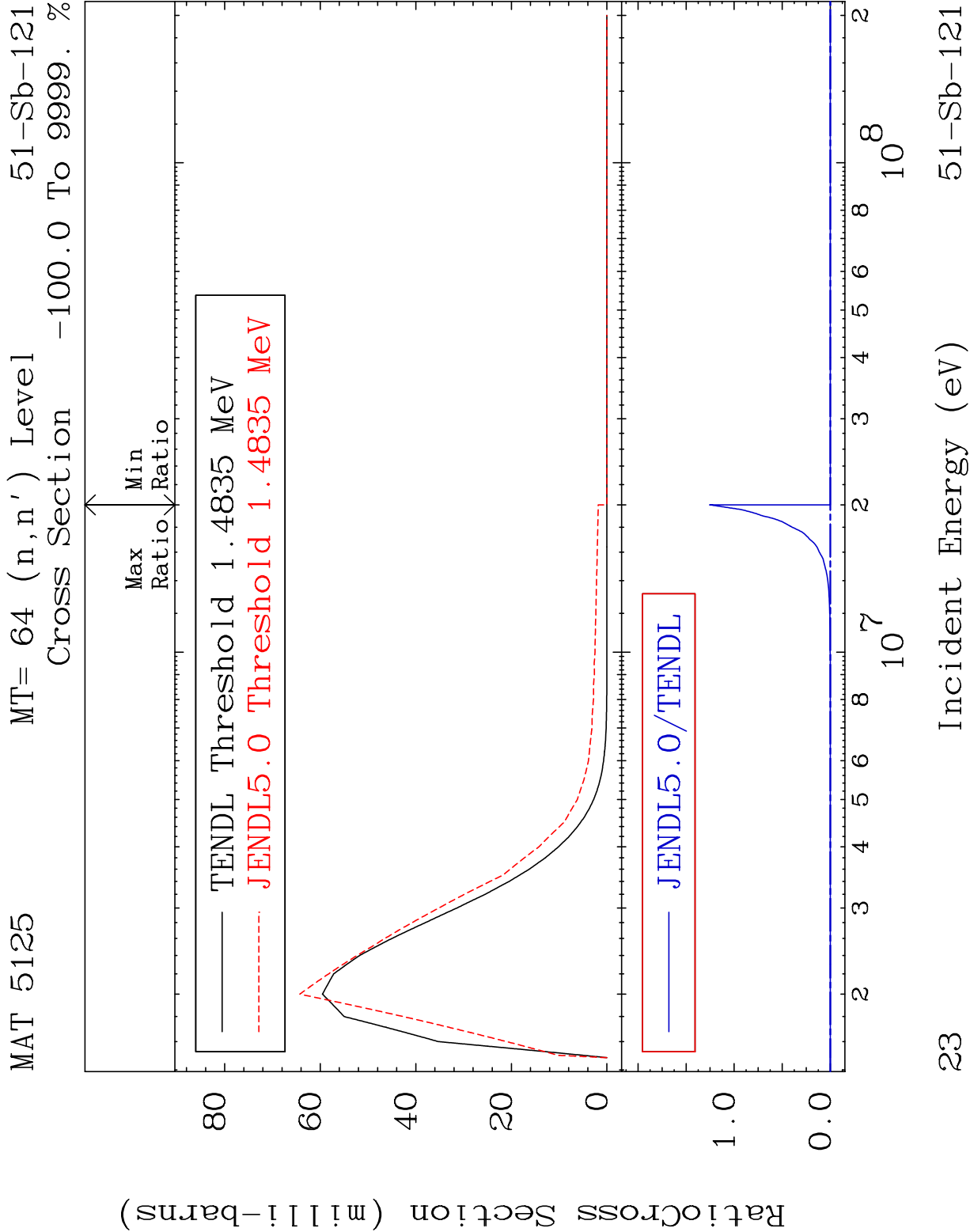


MAT 5125 MT= 62 (n,n') Level 51-Sb-121
 Cross Section -100.0 To 1708. %

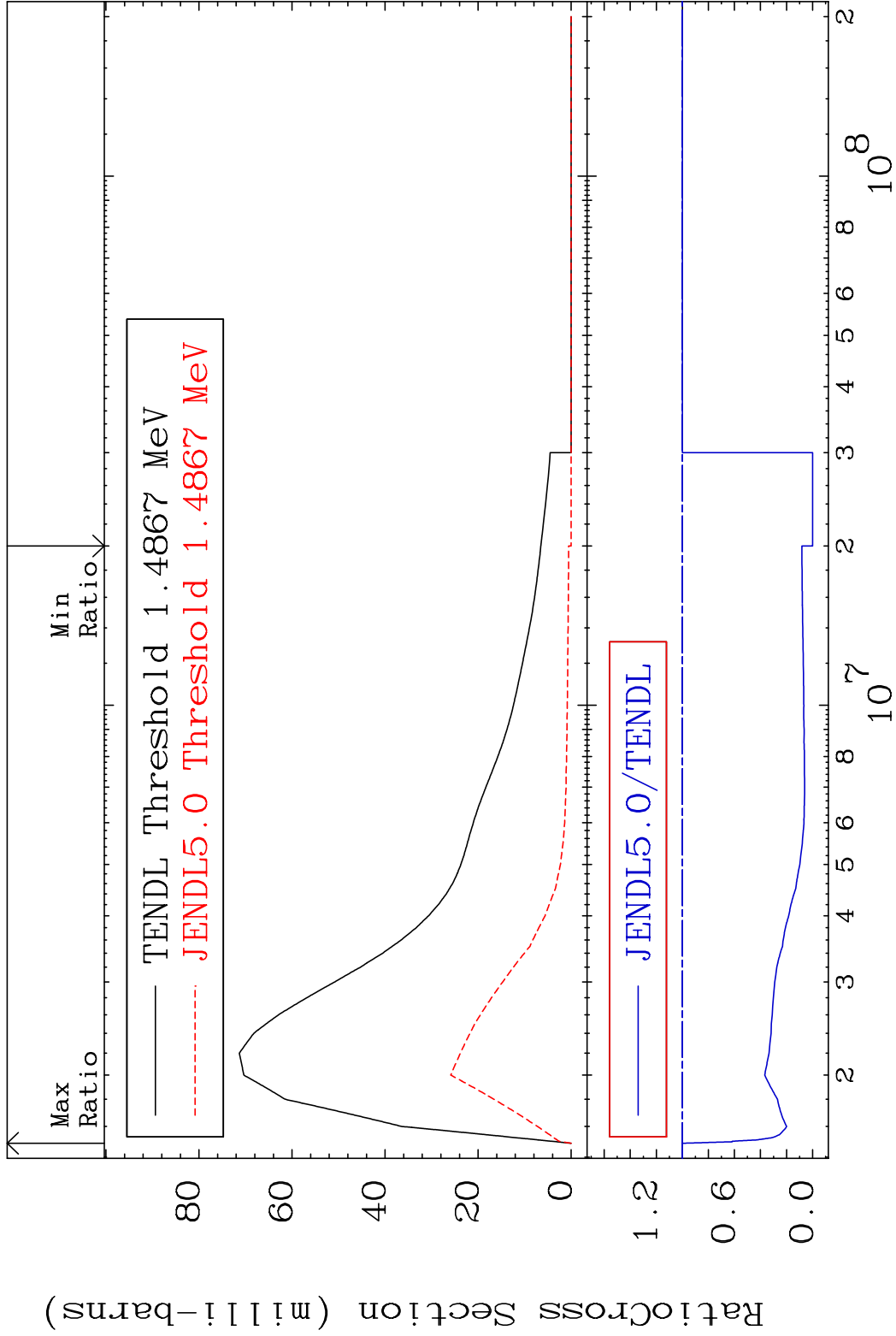


MAT 5125 MT= 63 (n,n') Level 51-Sb-121
Cross Section -100.0 To 18.83 %





MAT 5125 MT= 65 (n,n') Level 51-Sb-121
Cross Section -100.0 To 0.000 %



MAT 5125

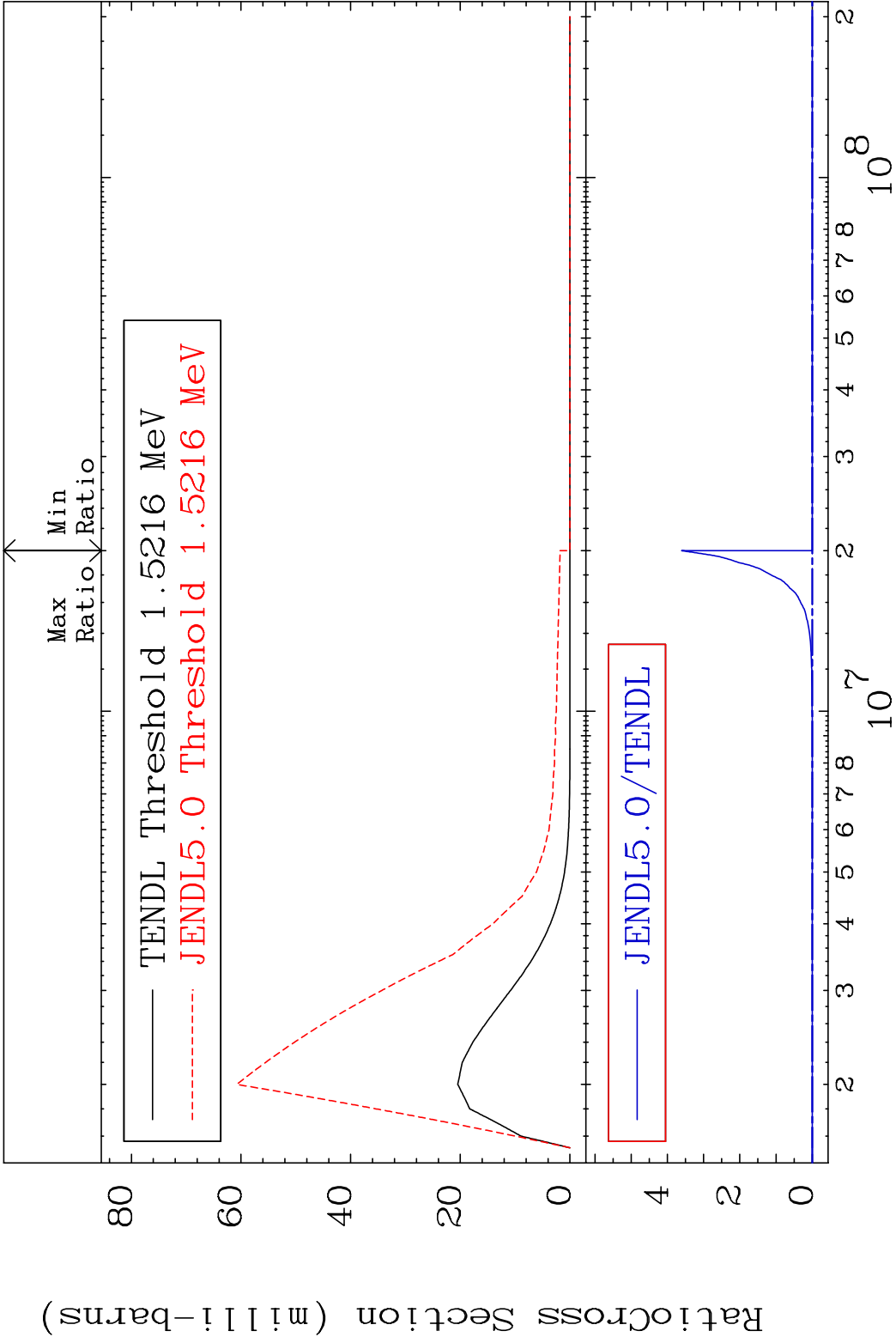
MT= 66 (n,n')

Level

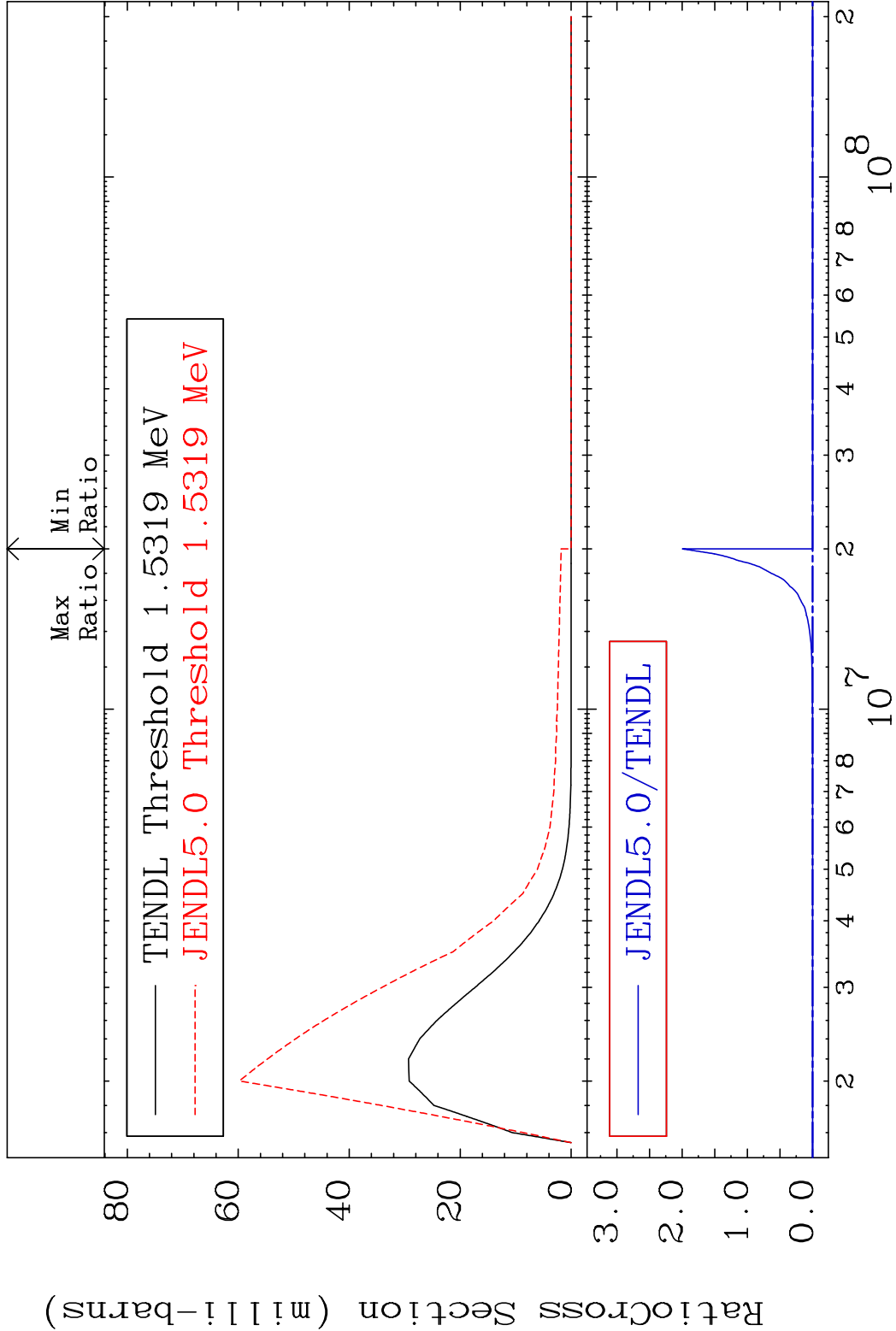
51-Sb-121

Cross Section

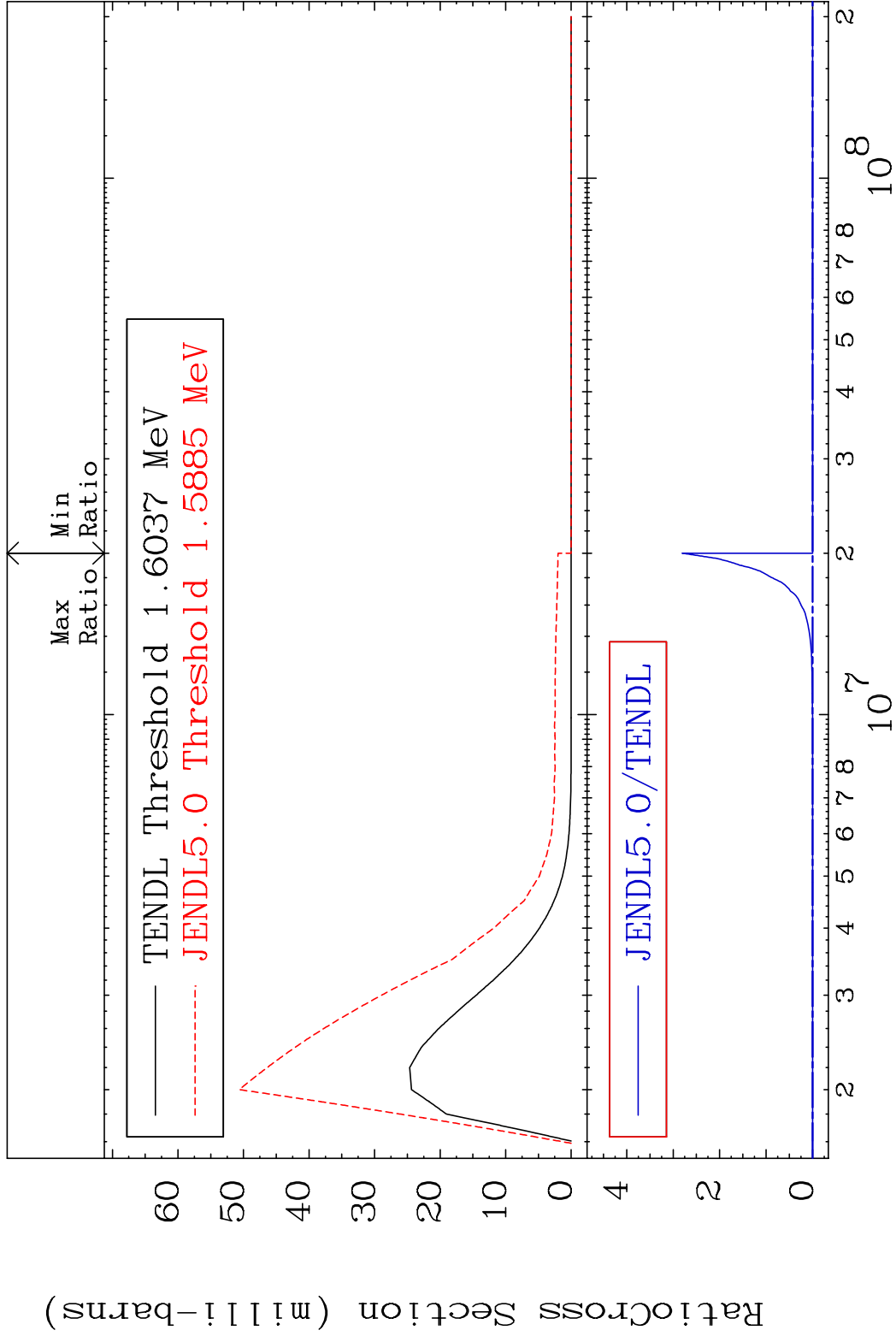
-100.0 To 9999. %



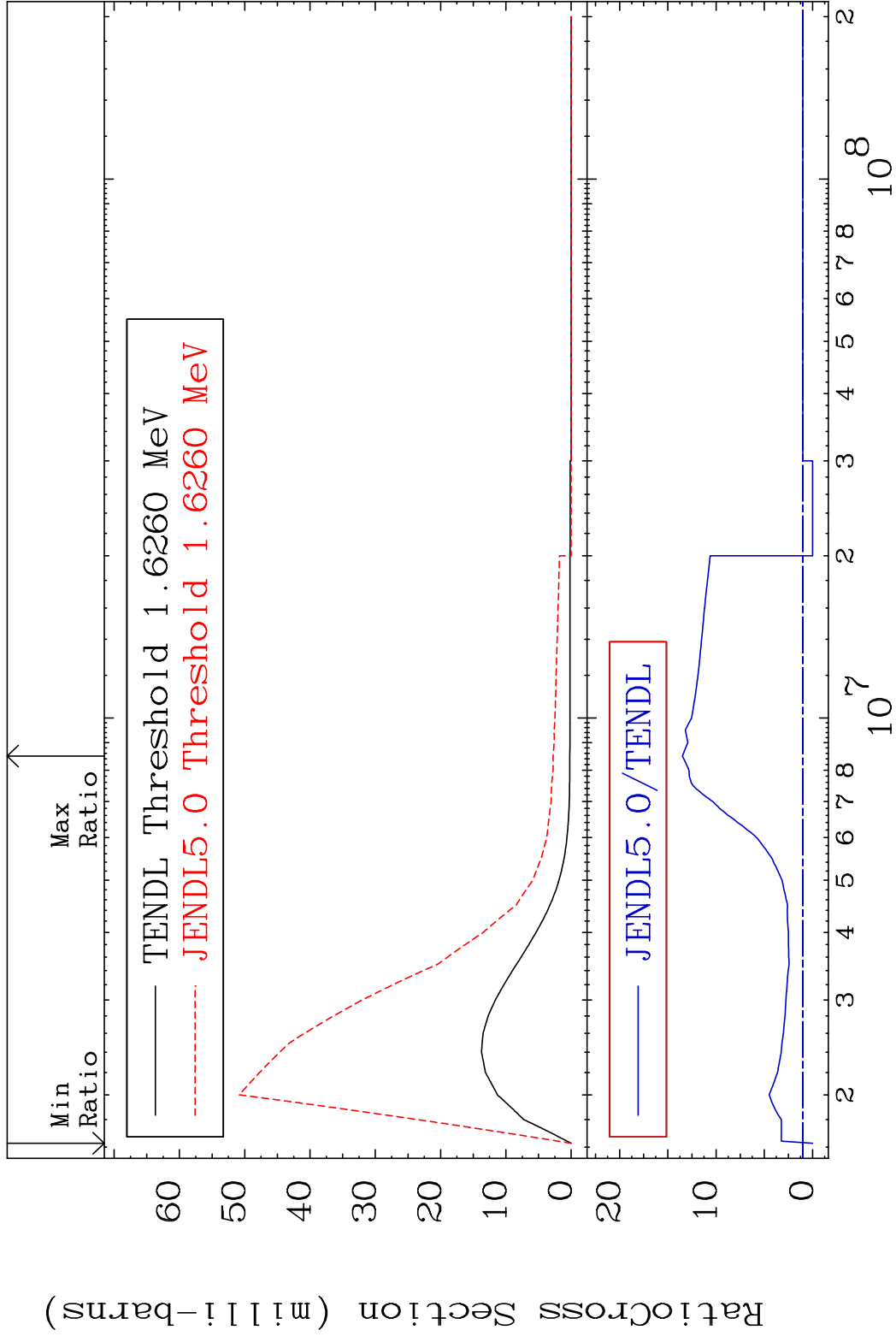
MAT 5125	MT= 67 (n,n')	Level	51-Sb-121
	Cross Section	-100.0 To 9999. %	



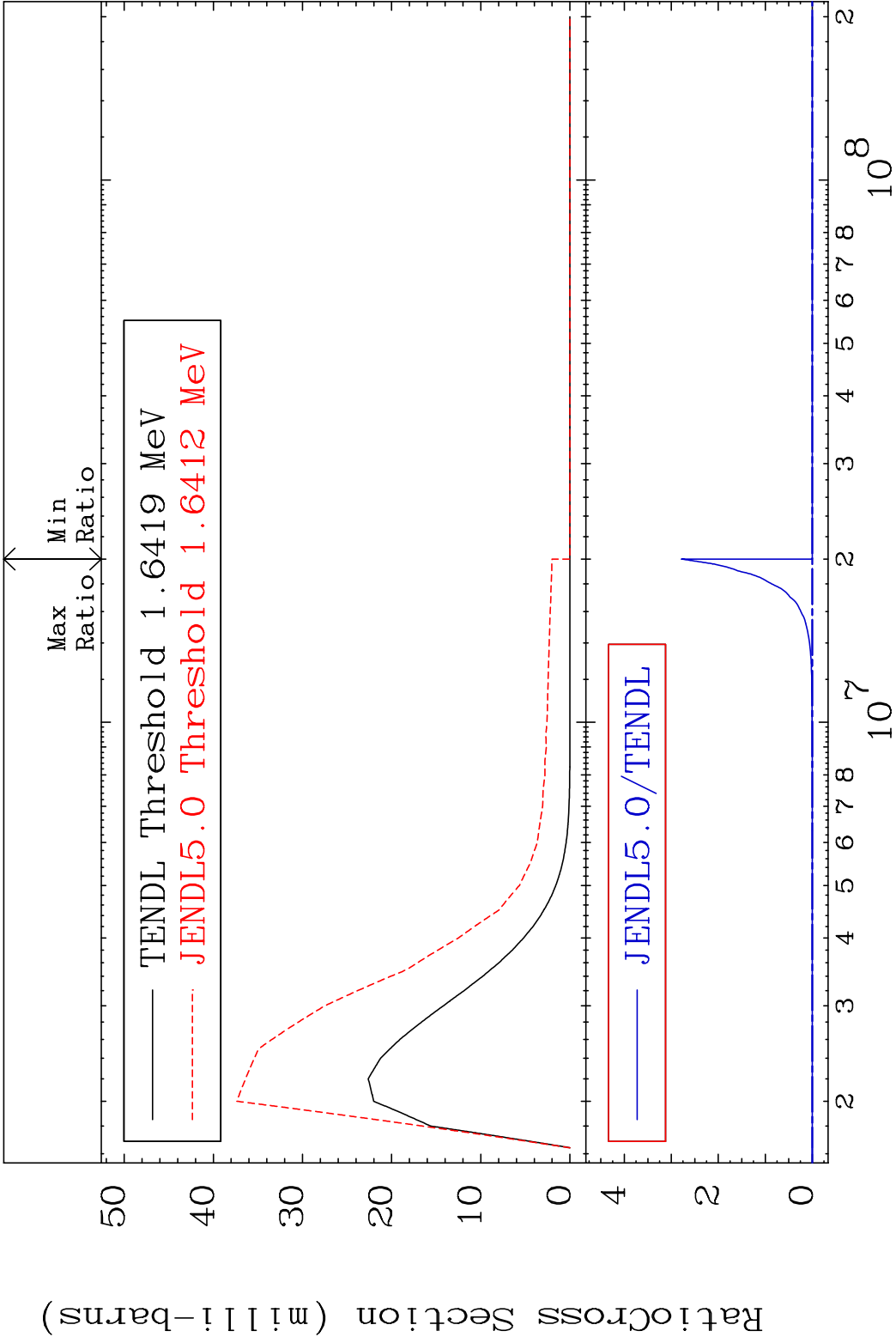
MAT 5125 MT= 68 (n,n') Level 51-Sb-121
Cross Section -100.0 To 9999. %



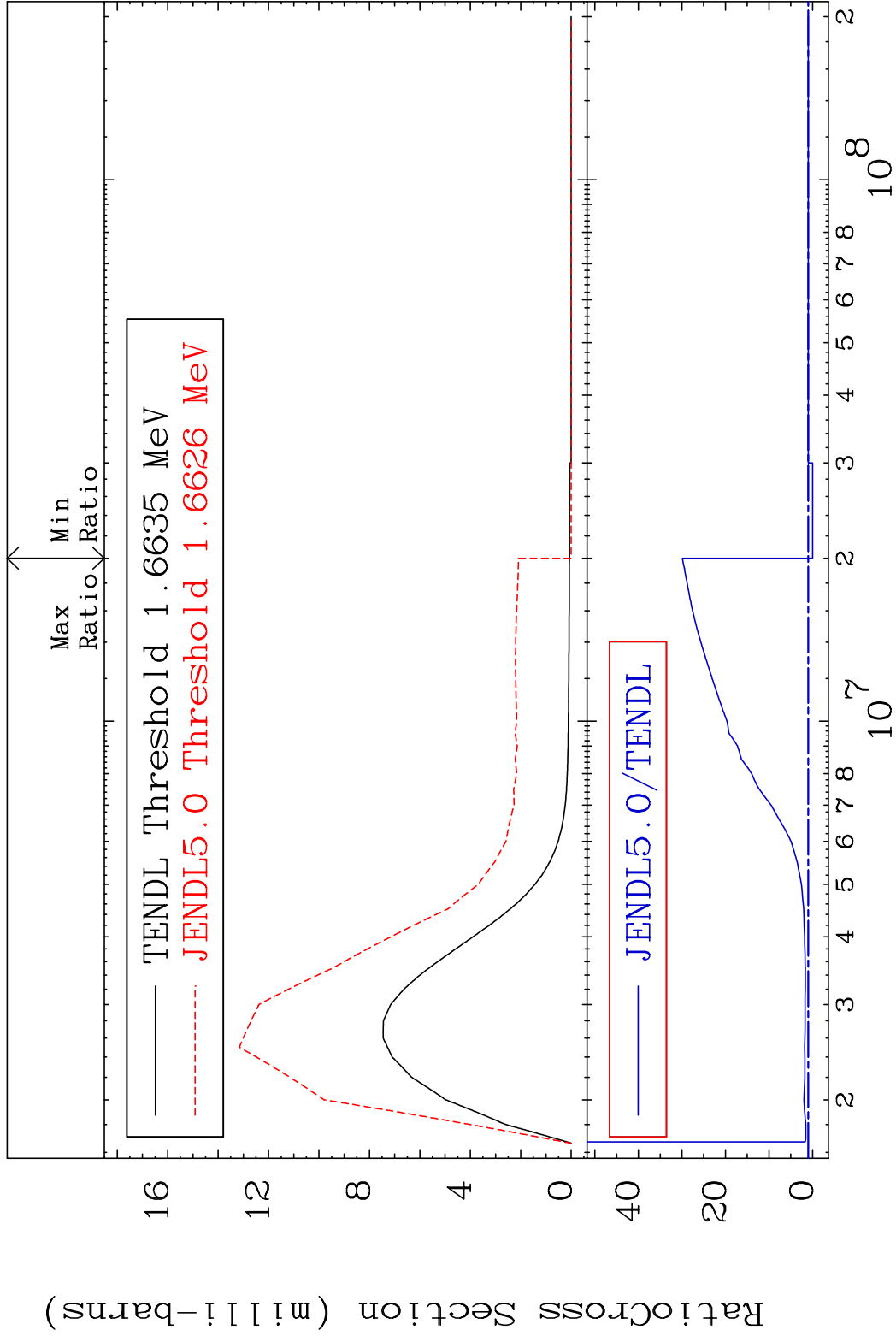
MAT 5125 MT= 69 (n,n') Level 51-Sb-121
 Cross Section -100.0 To 1250. %



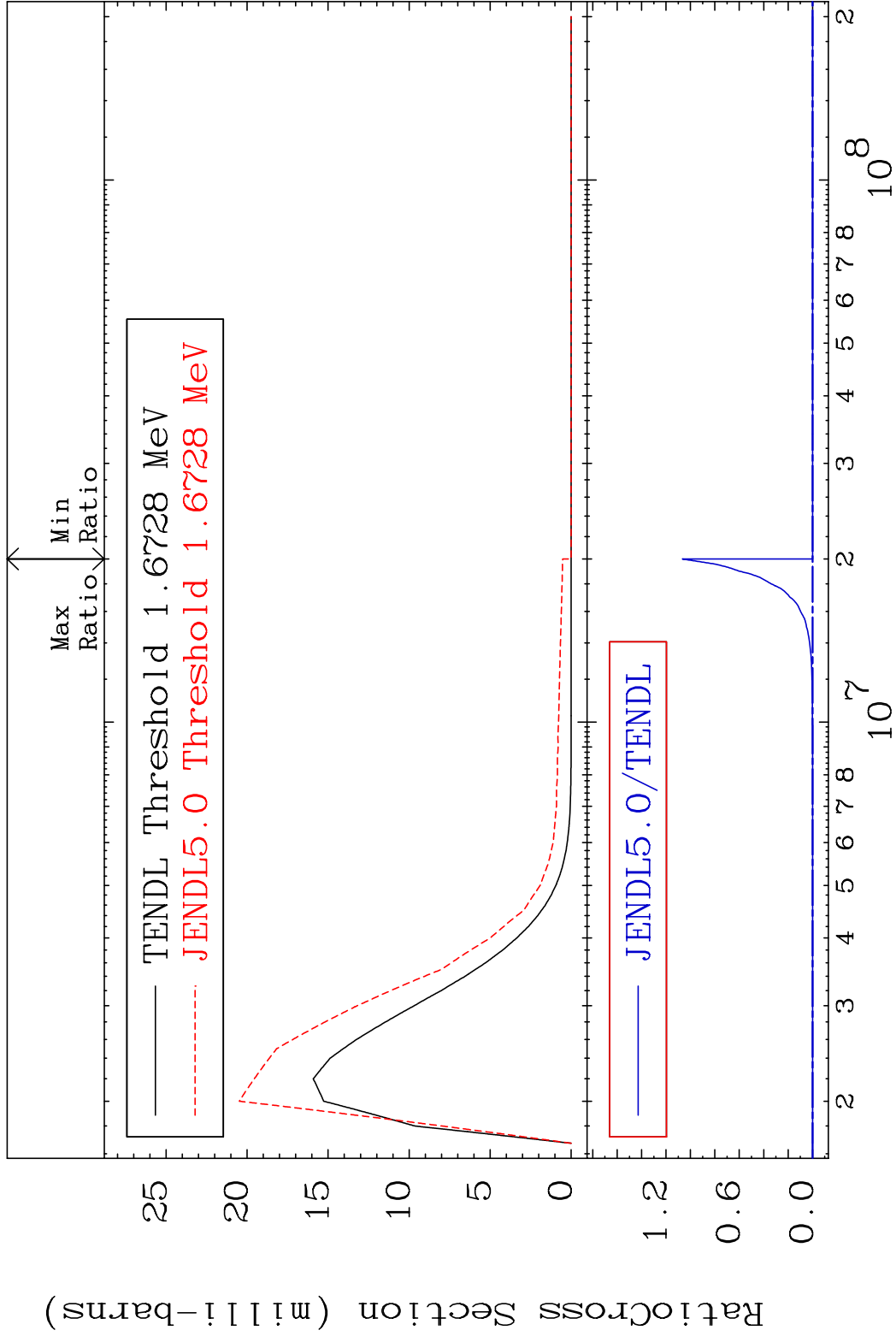
MAT 5125 MT= 70 (n,n') Level 51-Sb-121
 Cross Section -100.0 To 9999. %

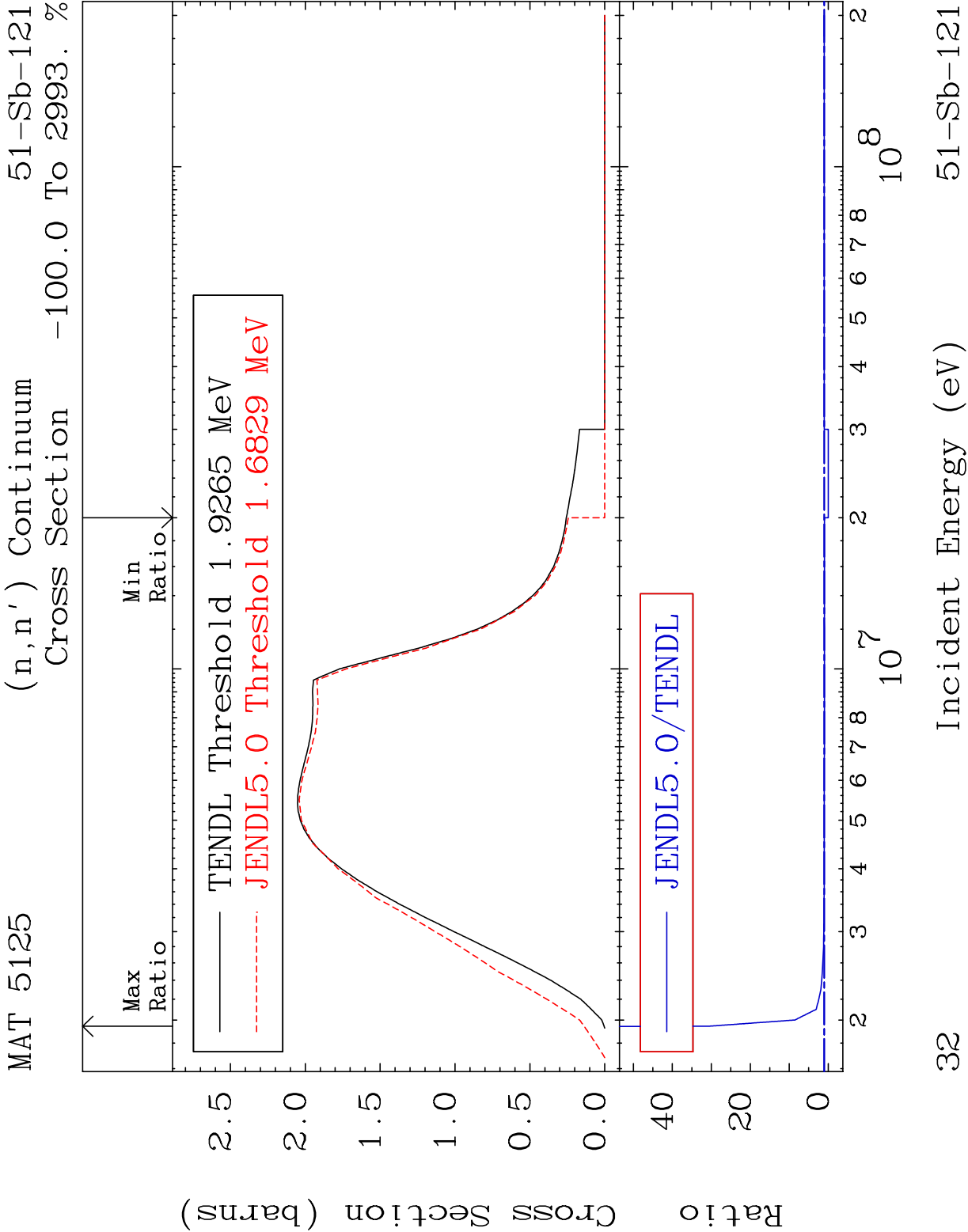


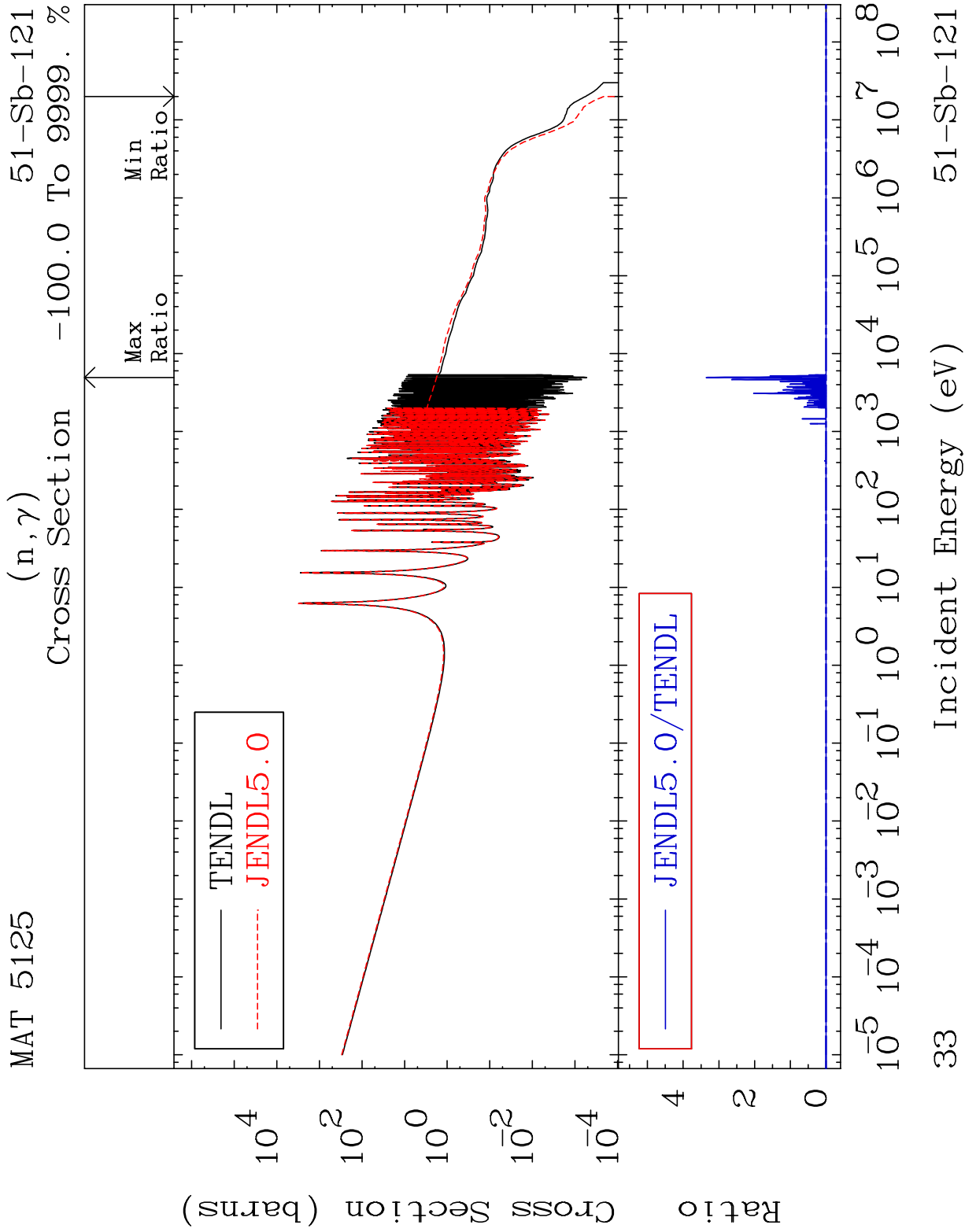
MAT 5125 MT= 71 (n,n') Level 51-Sb-121
Cross Section -100.0 To 2890. %

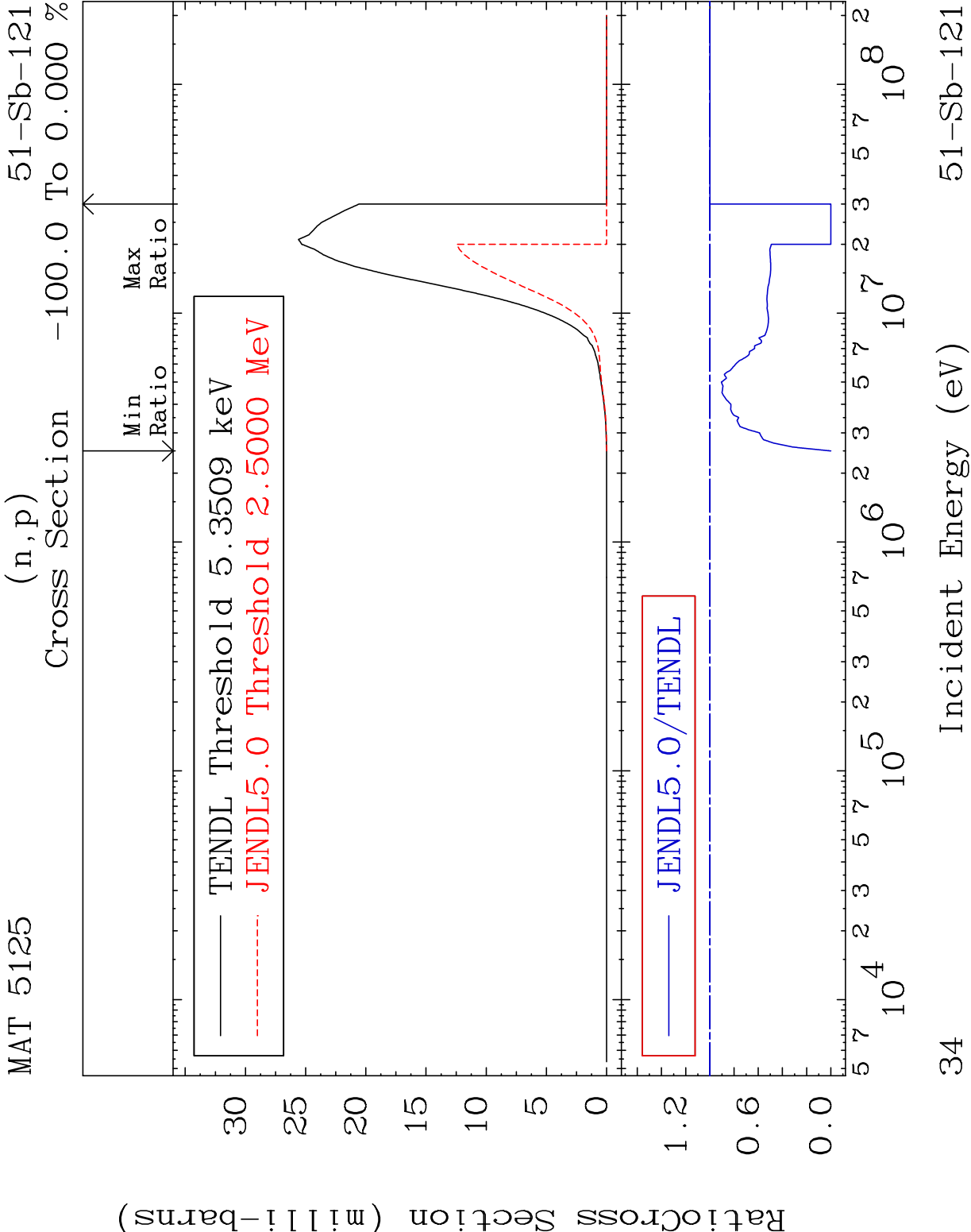


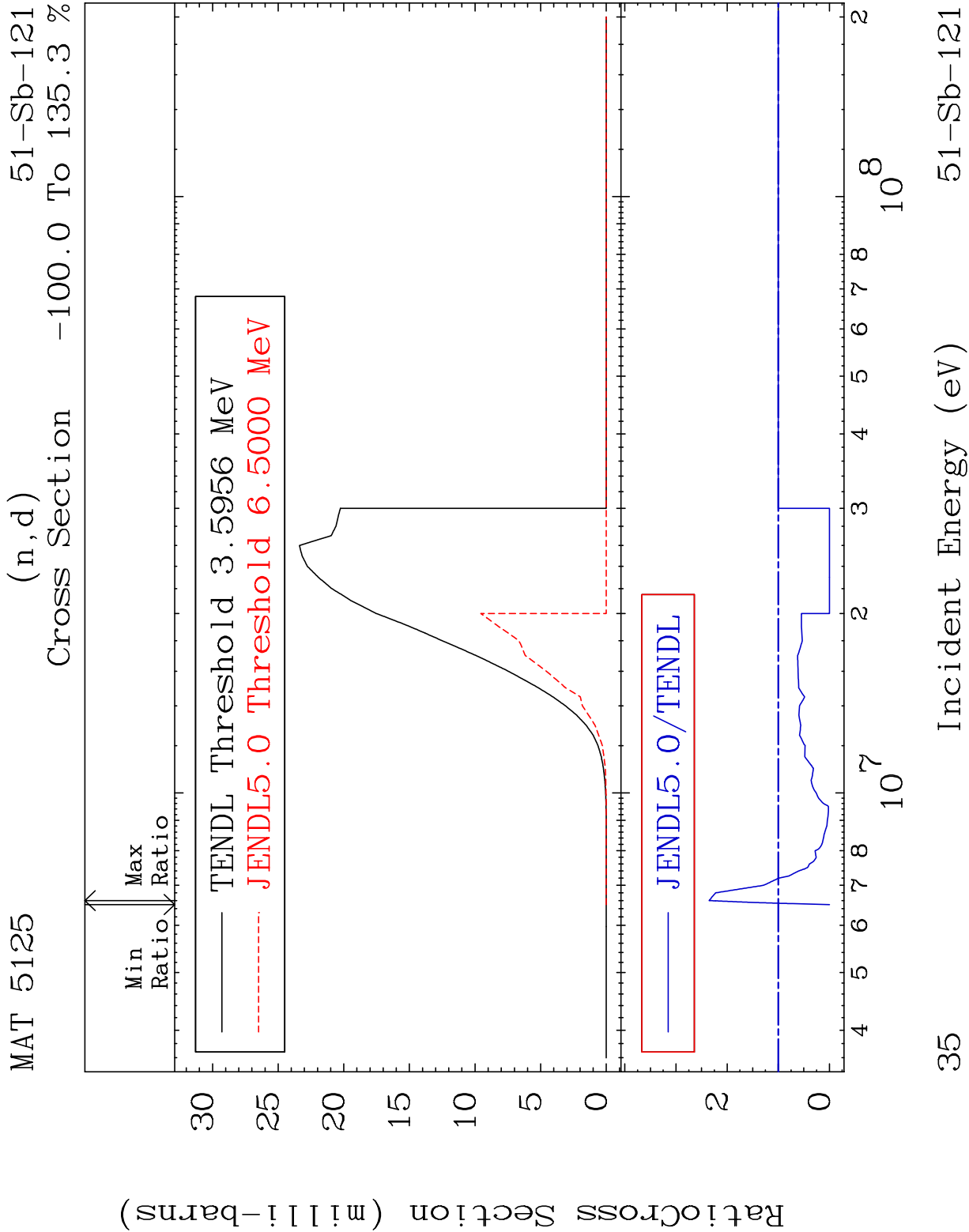
MAT 5125	MT= 72 (n,n')	Level	51-Sb-121
	Cross Section	-100.0 To 9999. %	

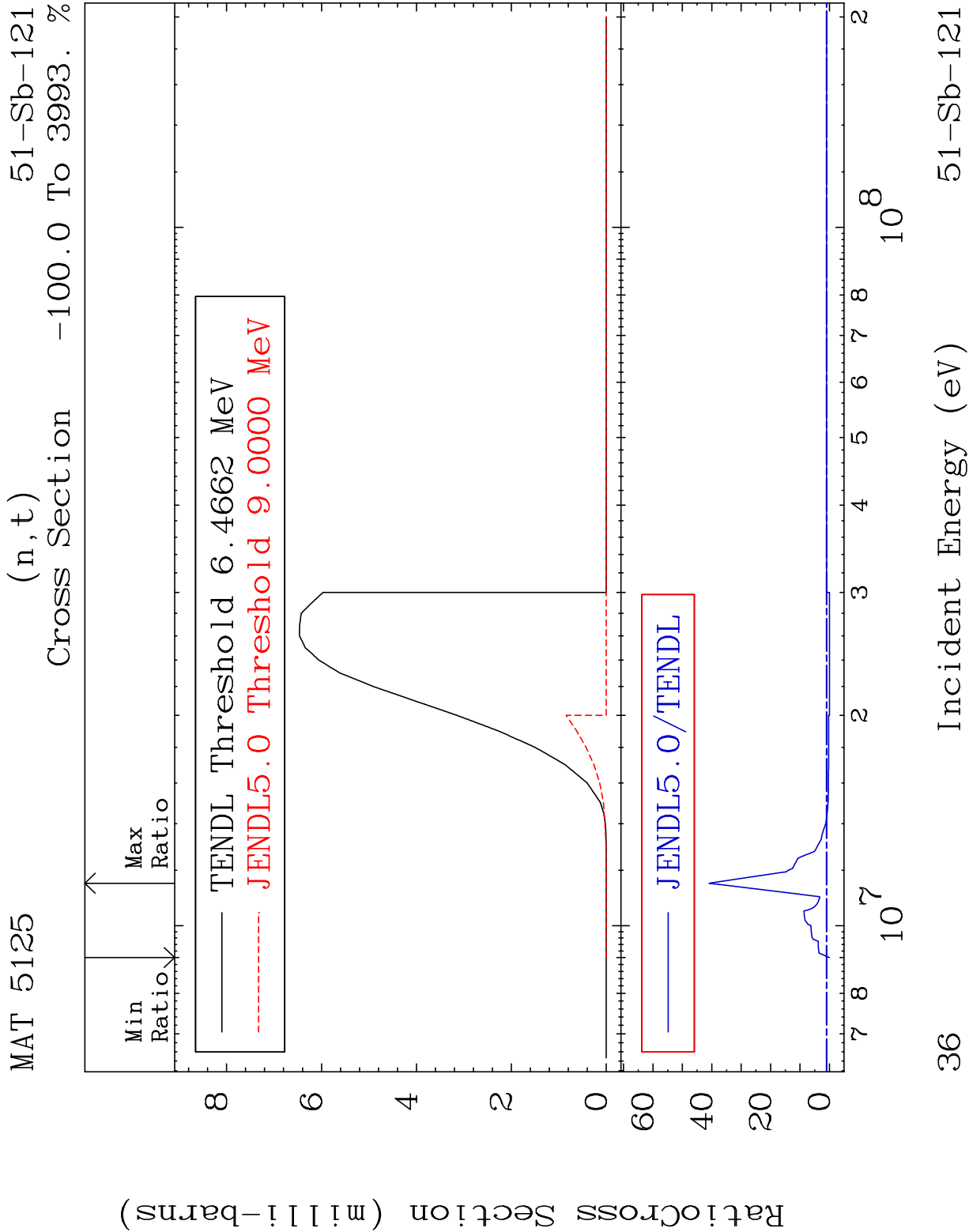


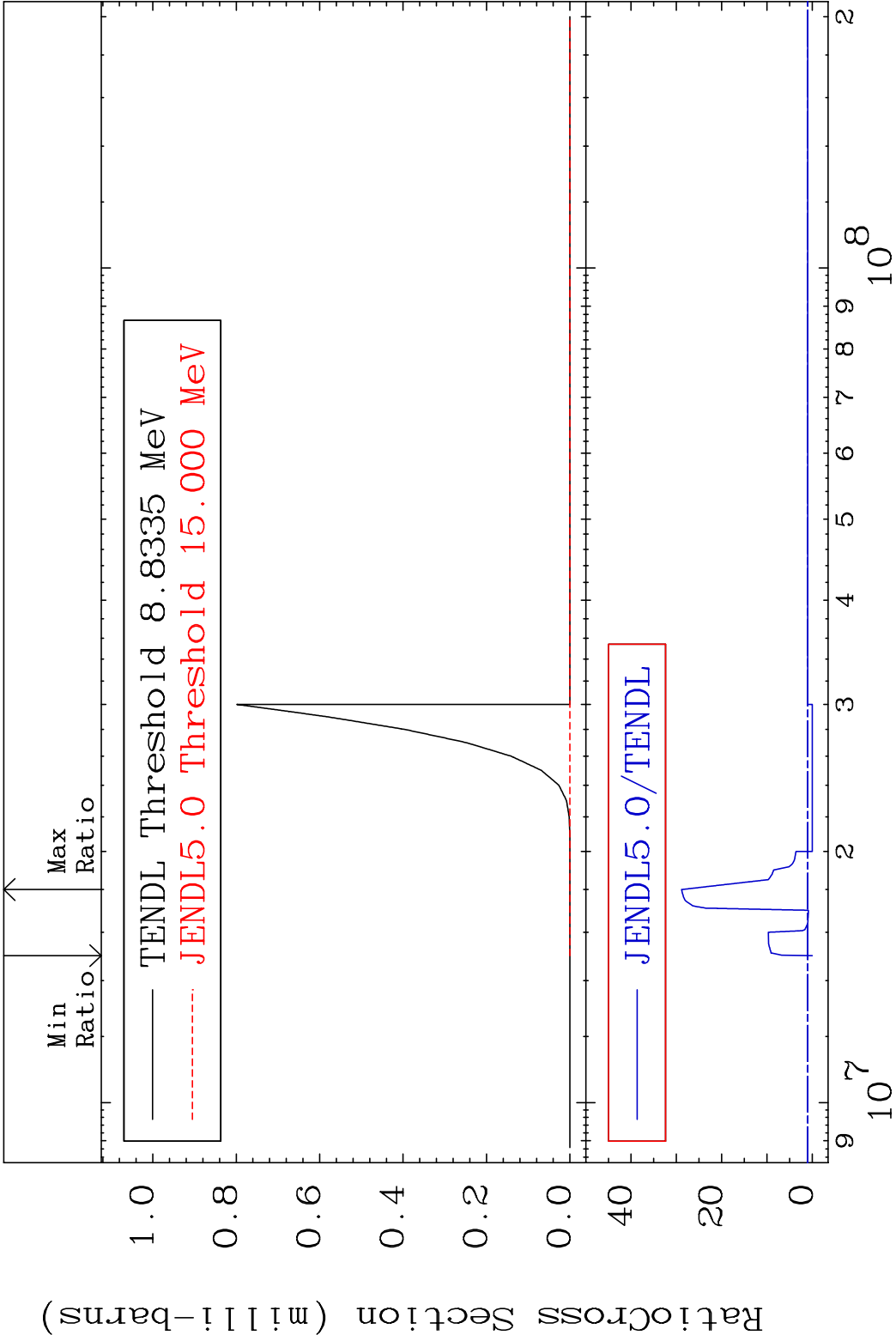


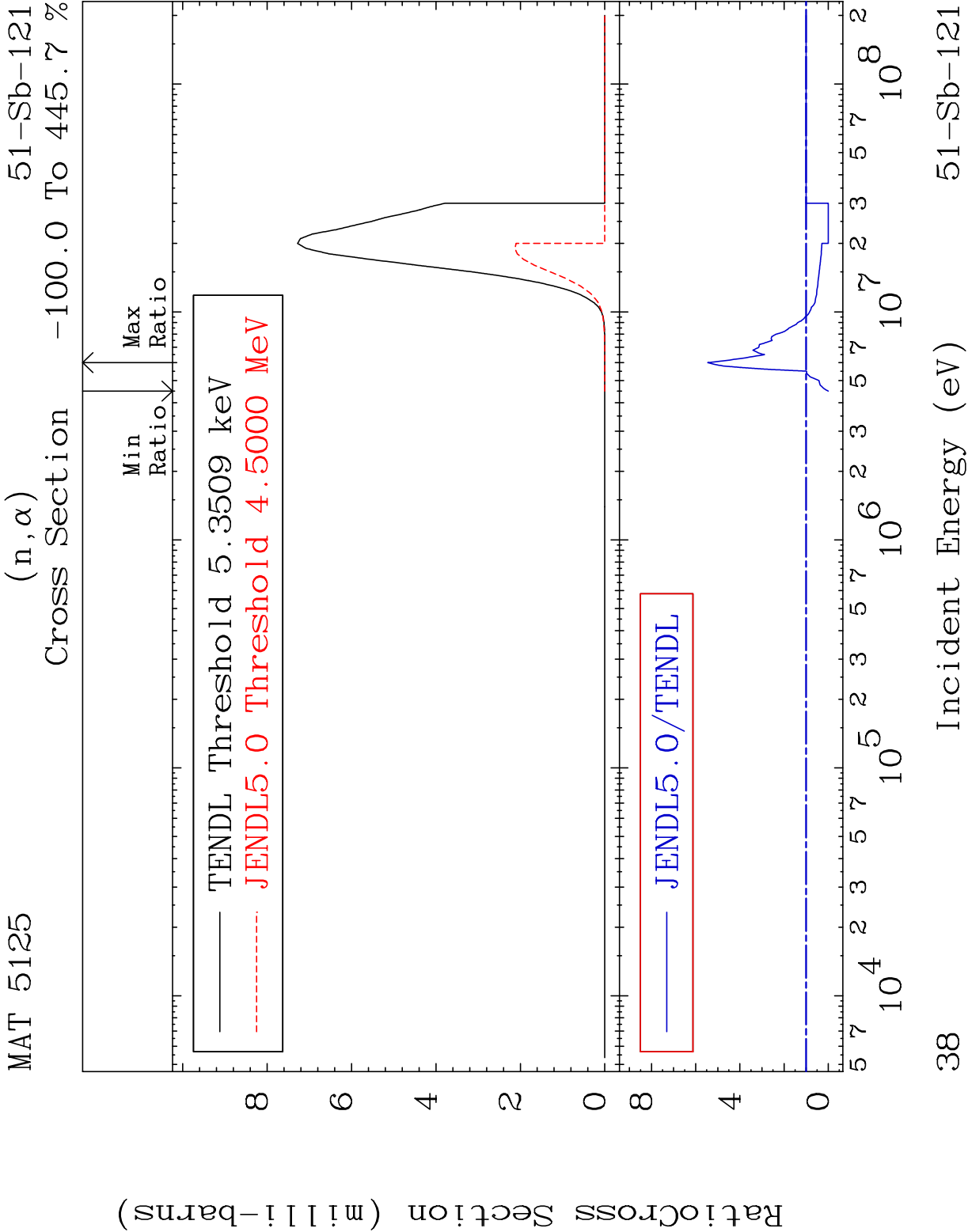










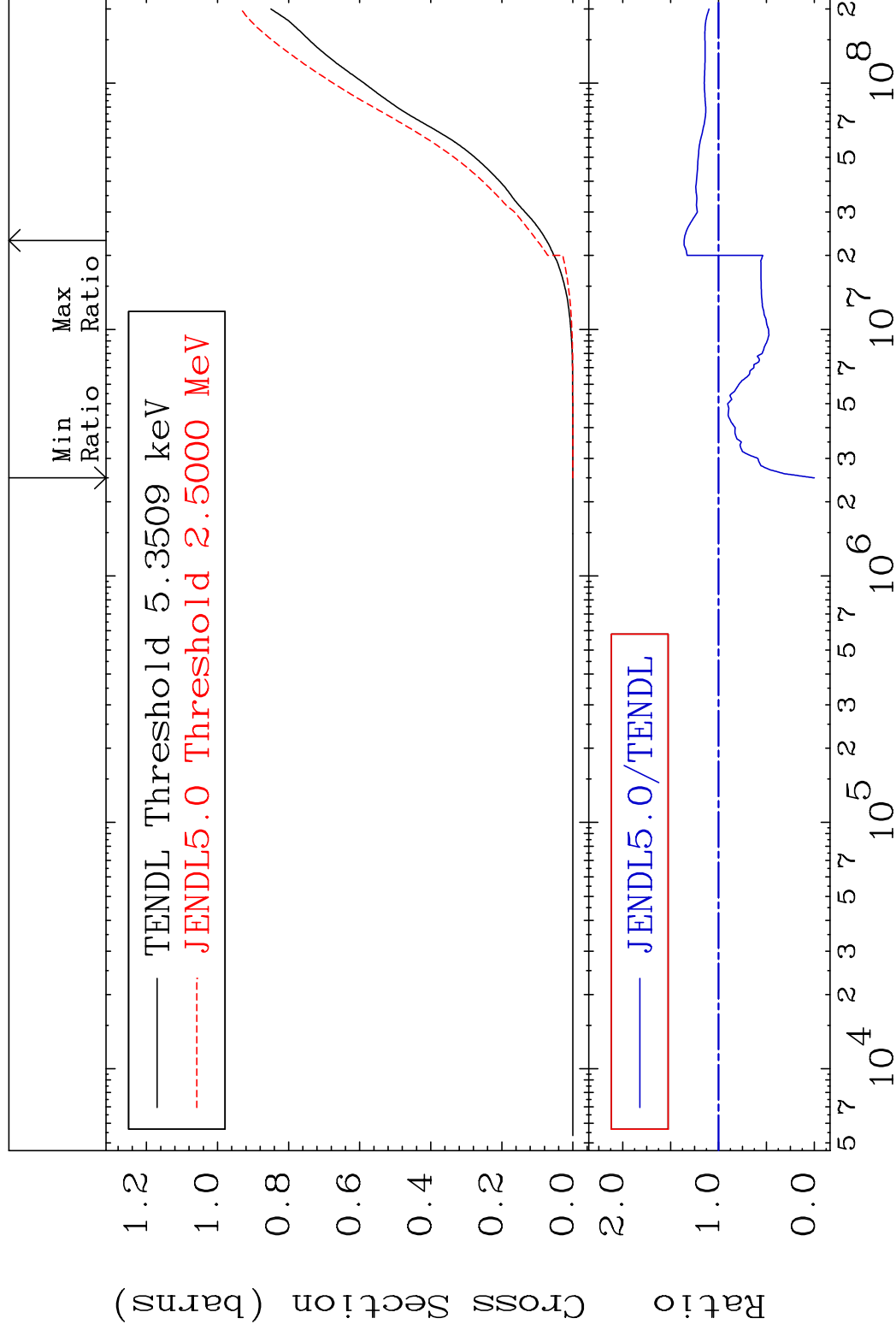


MAT 5125

Hydrogen Production

51-Sb-121

Cross Section -100.0 To 35.96 %

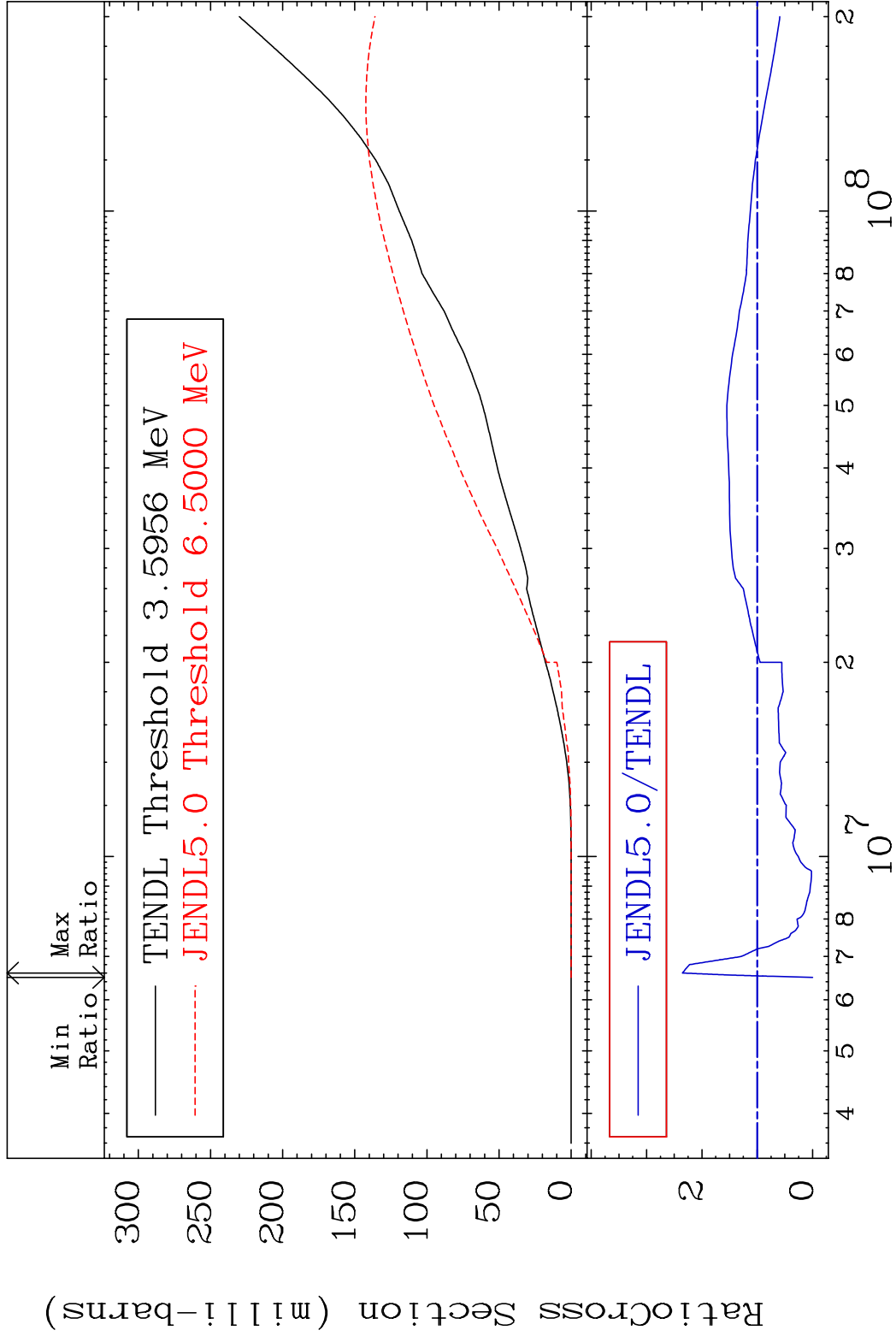


93

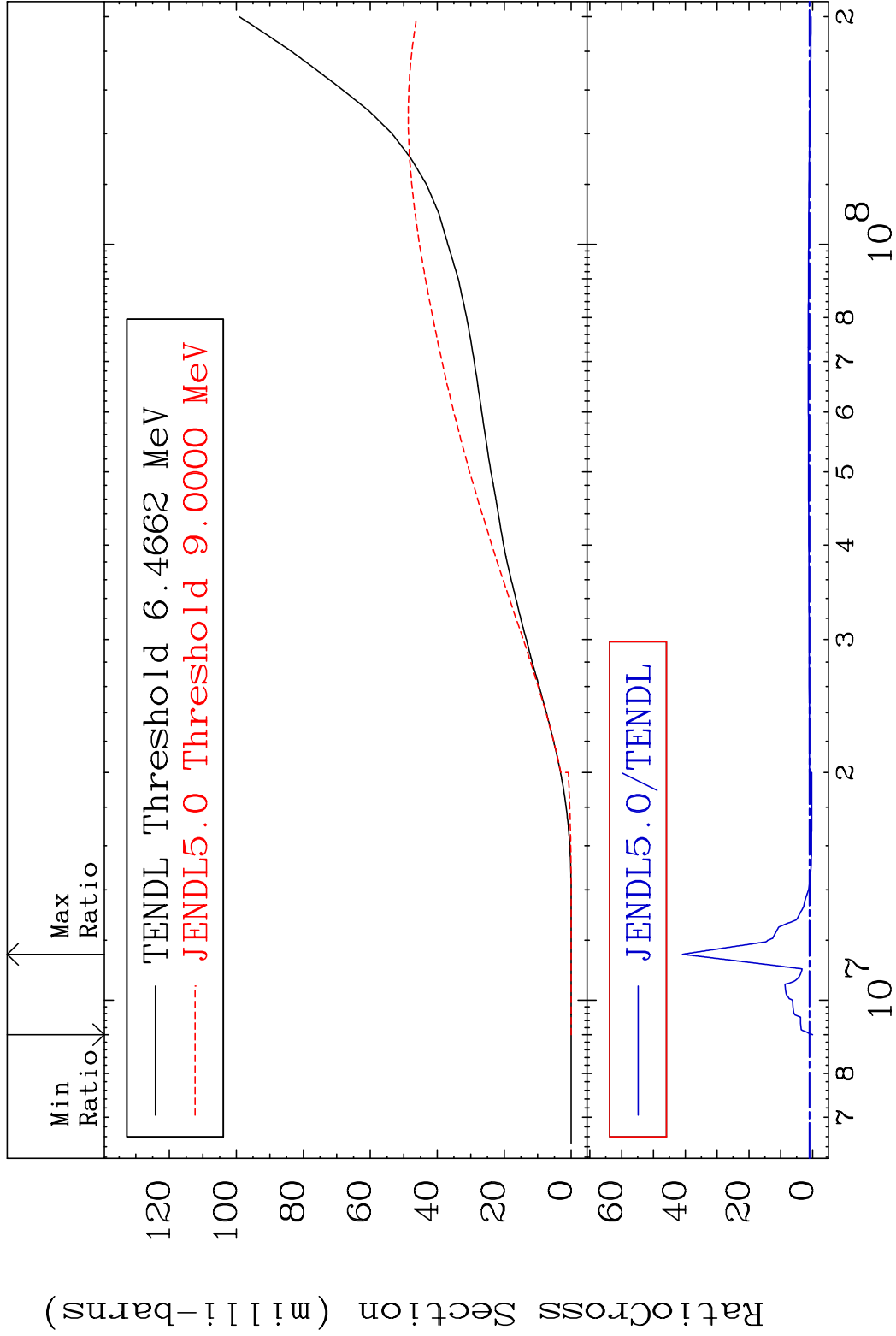
Incident Energy (eV)

51-Sb-121

MAT 5125 Deuterium Production 51-Sb-121
Cross Section -100.0 To 135.3 %



40 Incident Energy (eV) 51-Sb-121



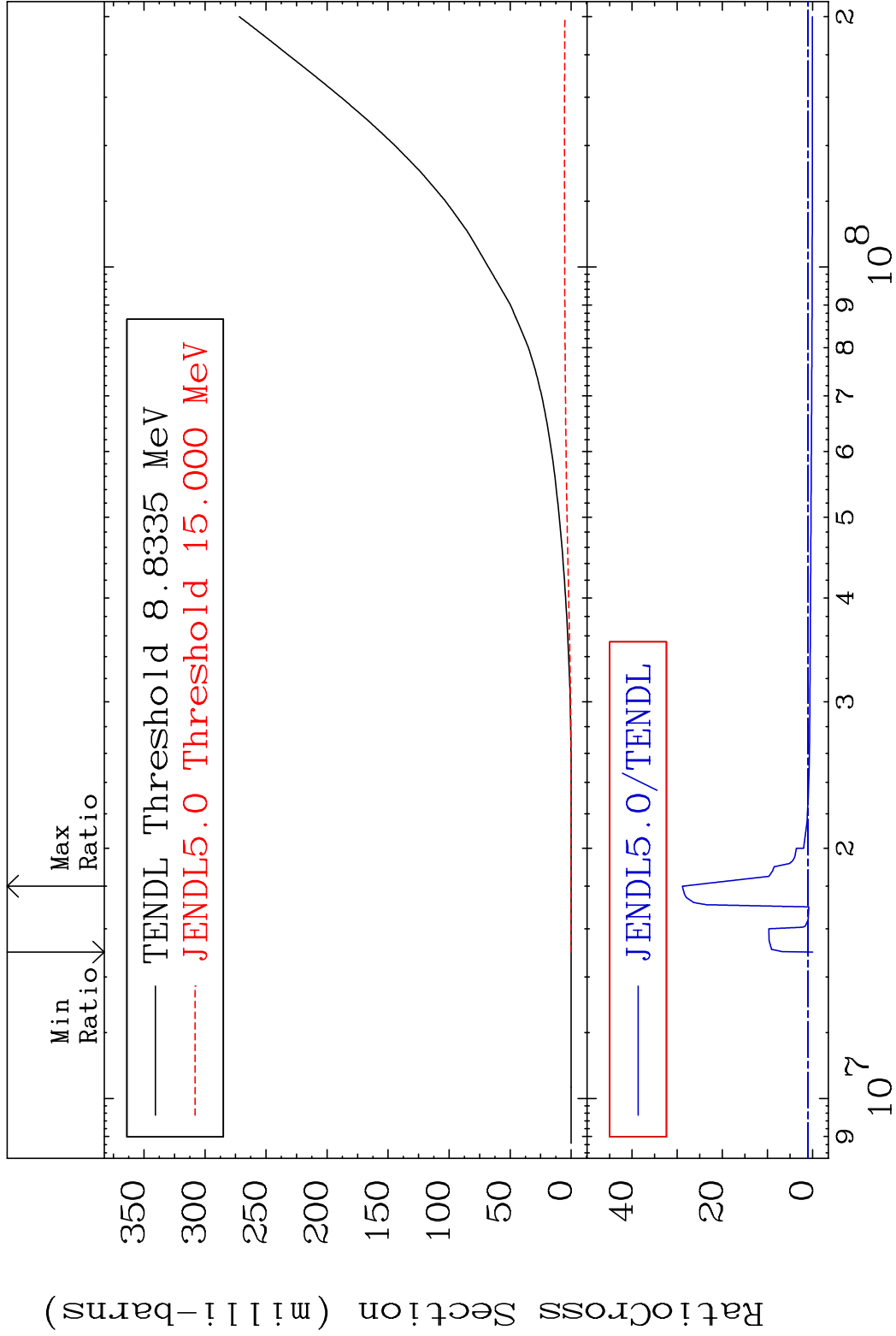
MAT 5125

He-3 Production

51-Sb-121

Cross Section

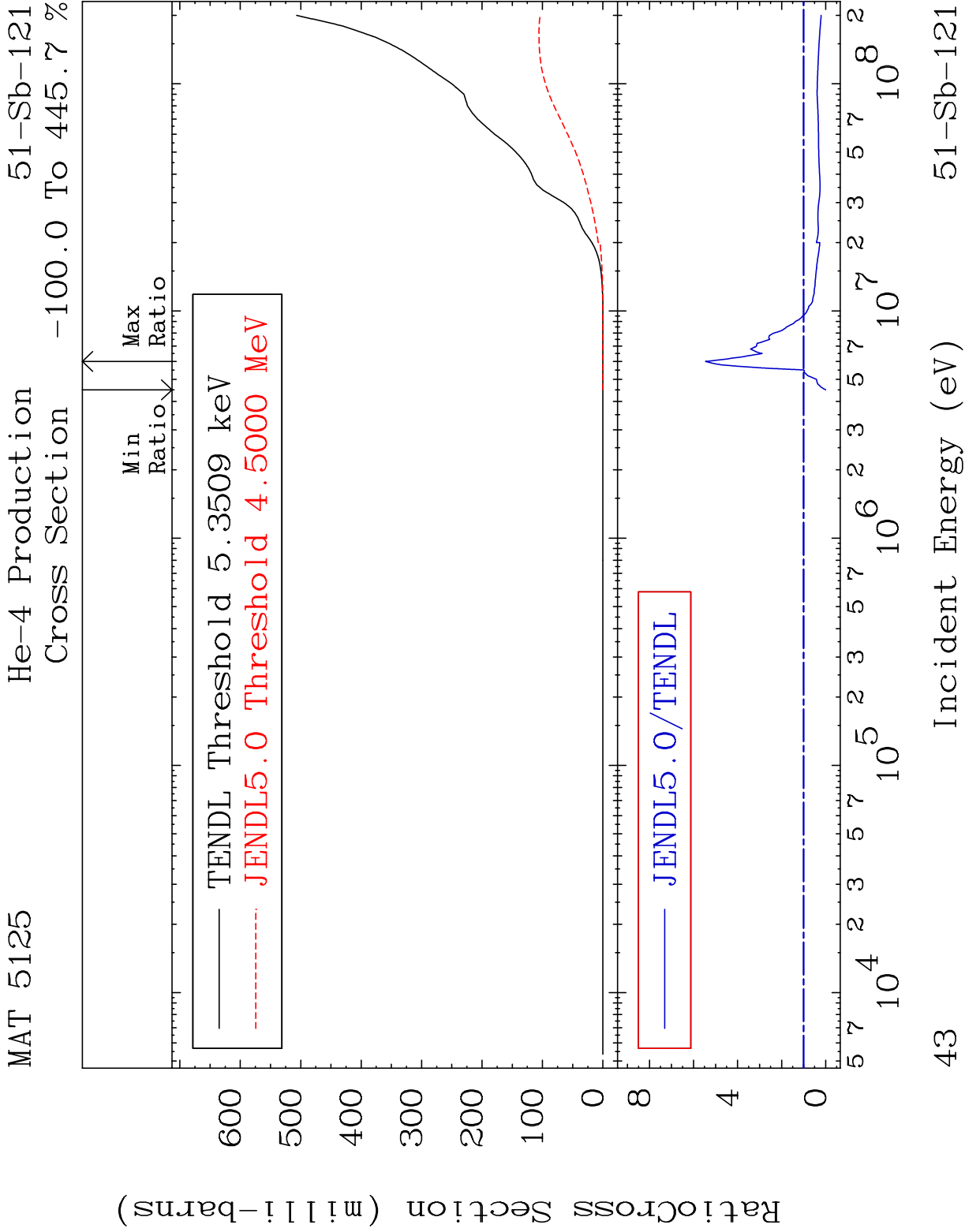
-100.0 To 2786. %



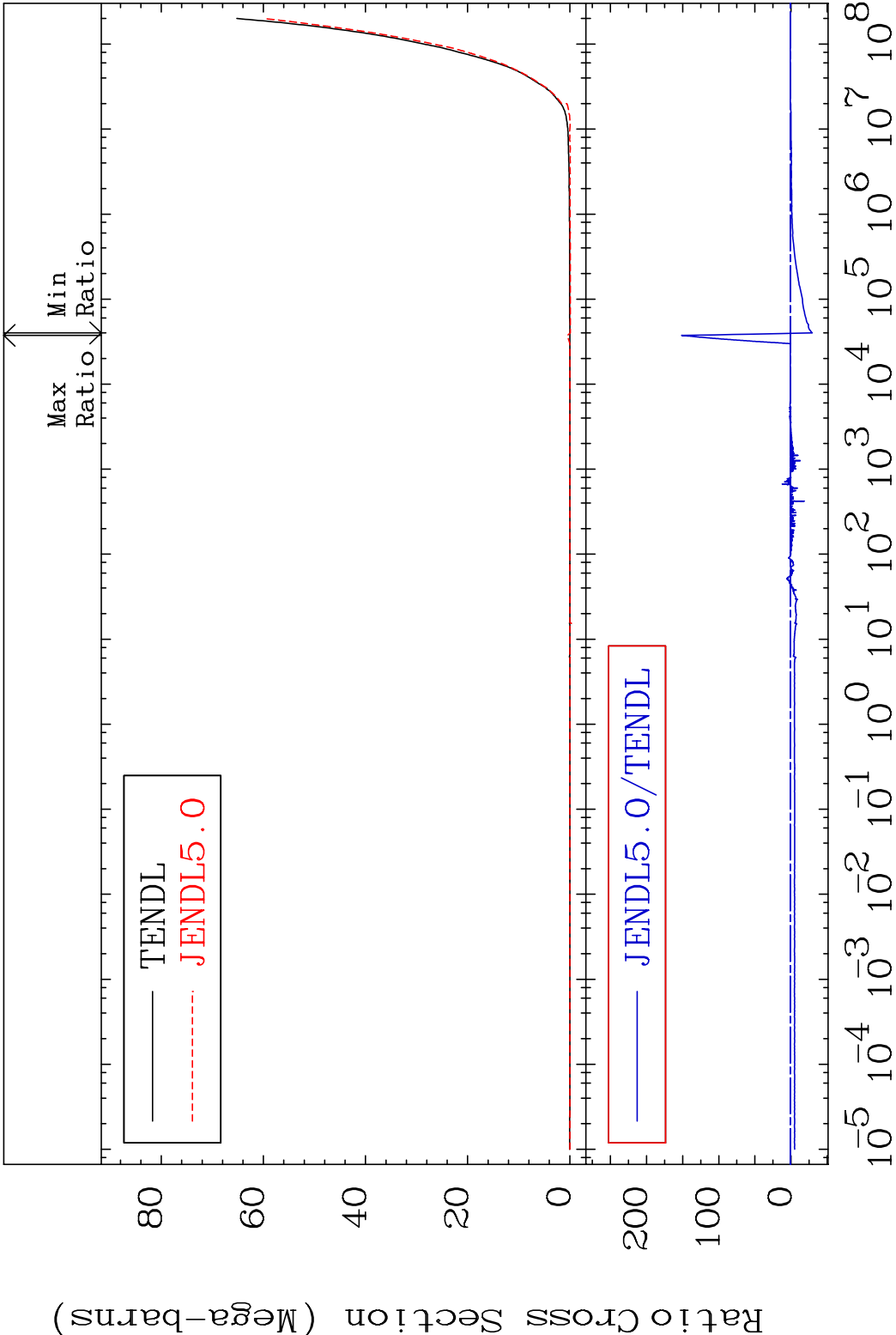
42

Incident Energy (eV)

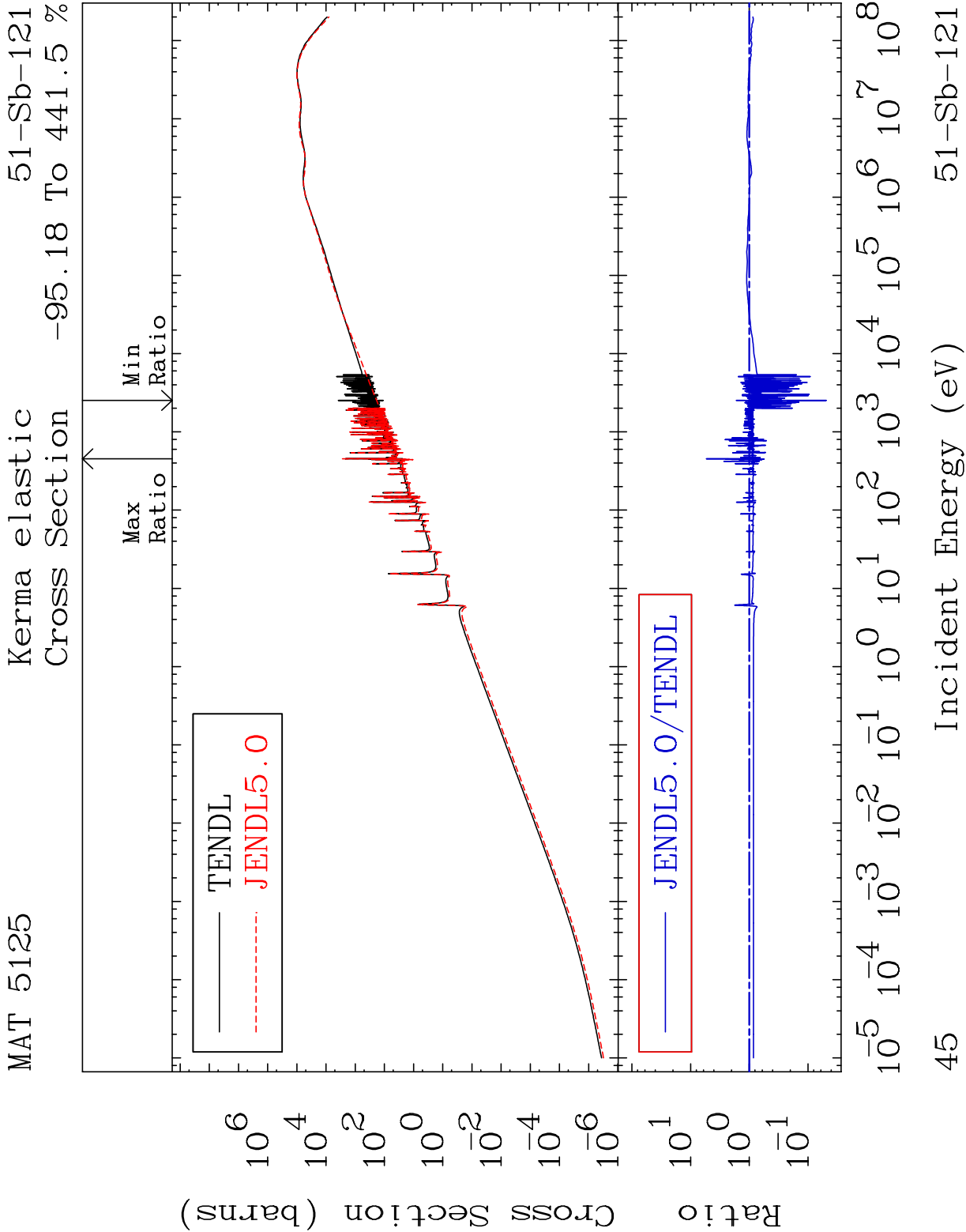
51-Sb-121

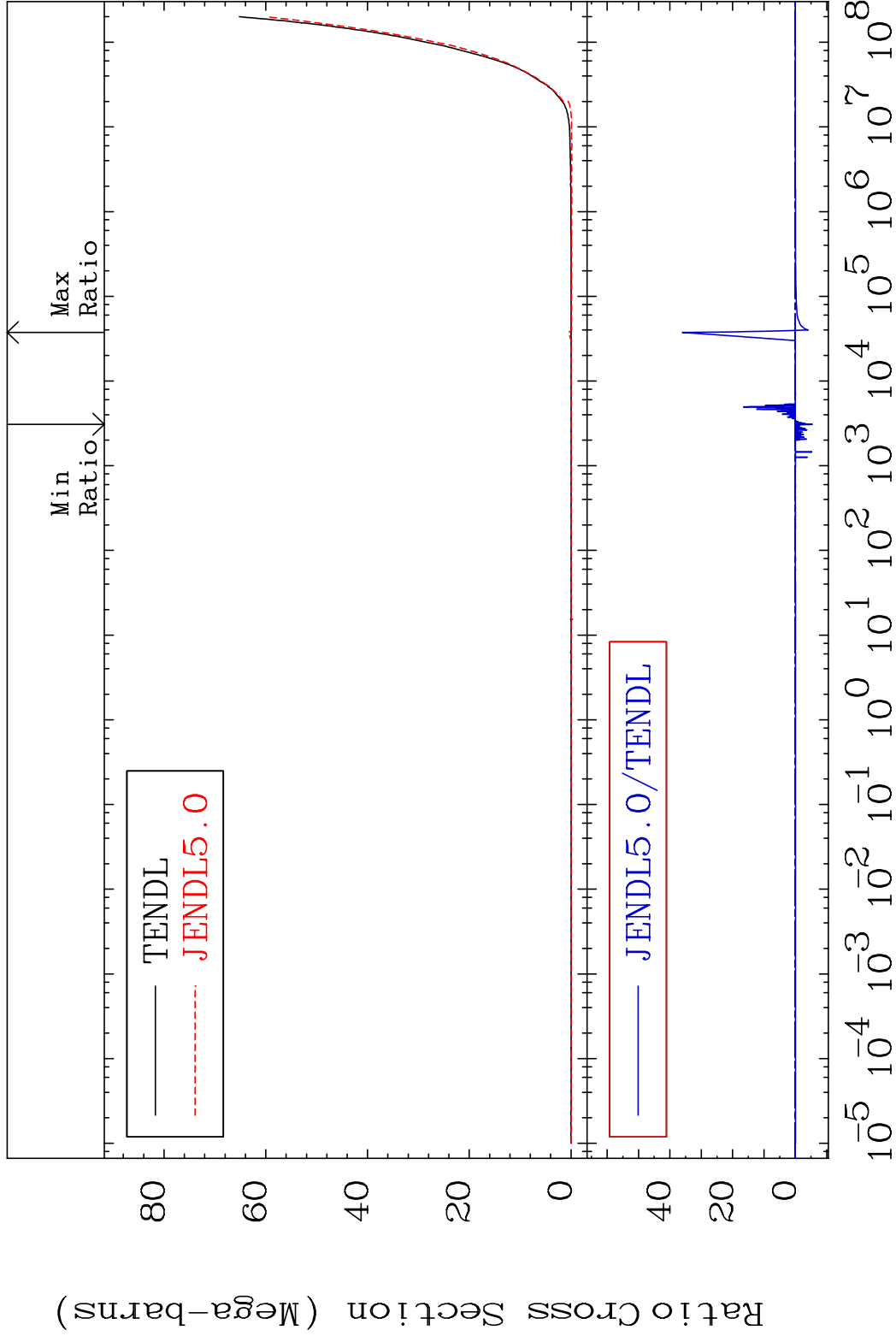


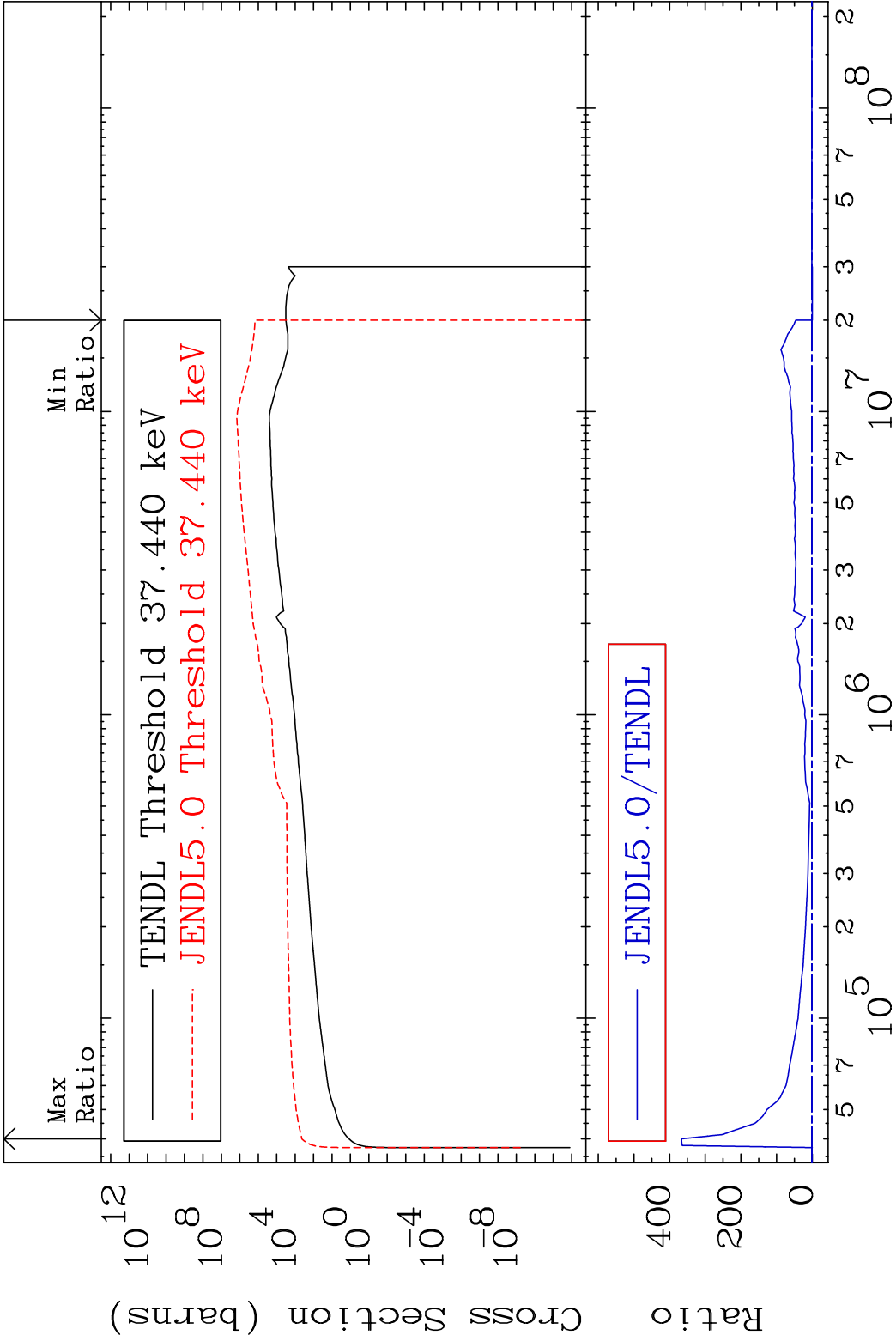
MAT 5125 Kerma total (eV-barns) 51-Sb-121
Cross Section -3034. To 9999. %



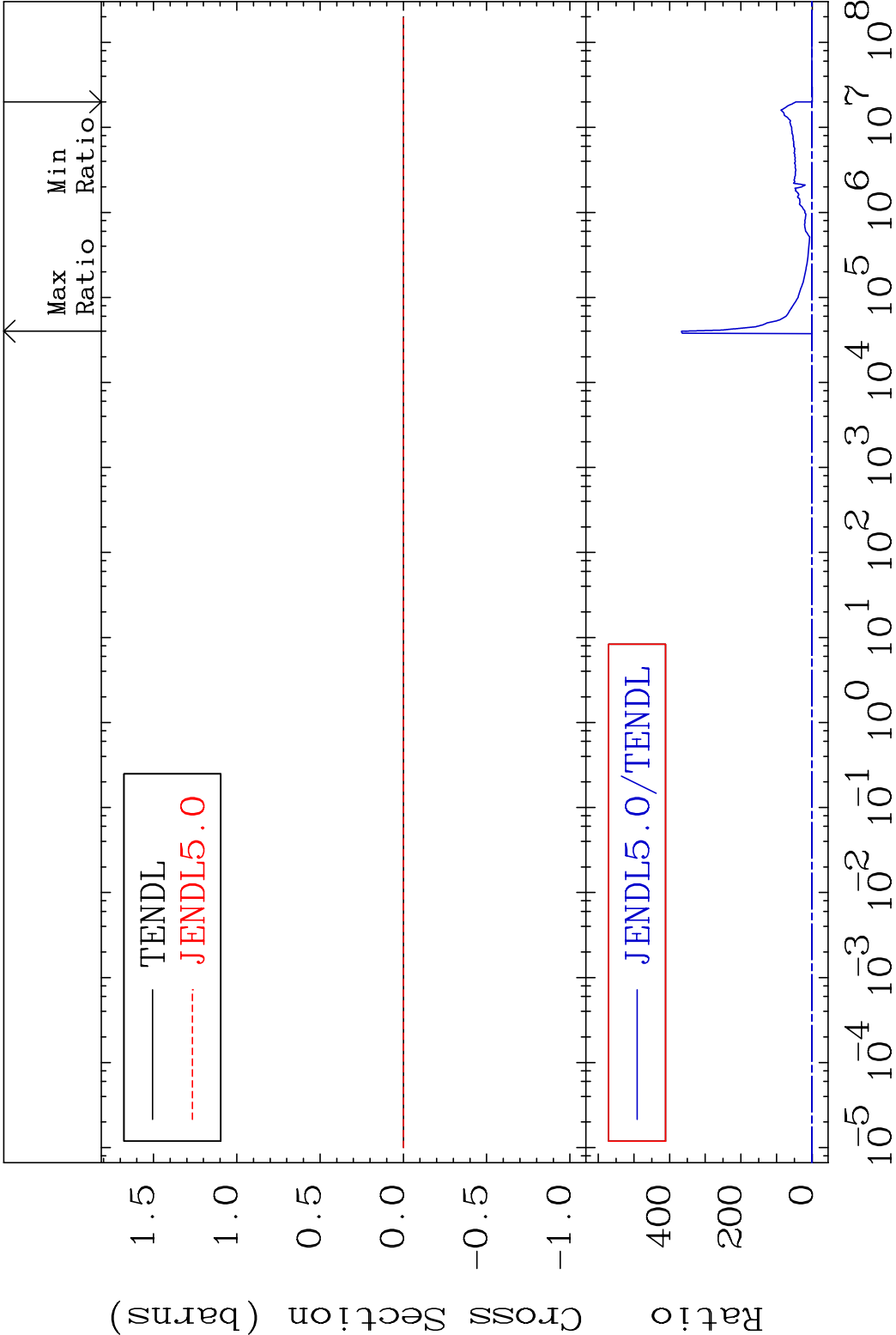
44 Incident Energy (eV) 51-Sb-121





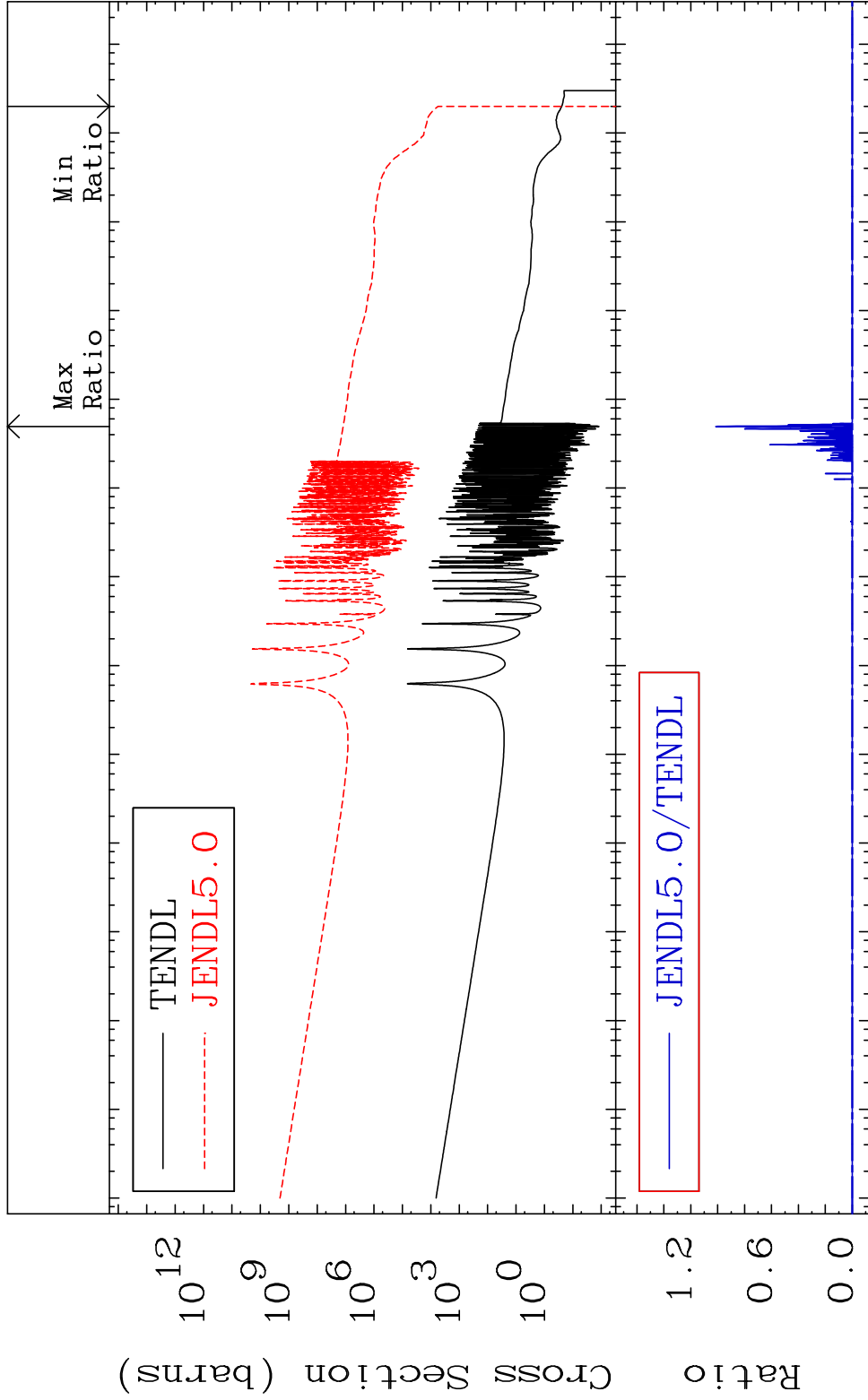


MAT 5125 Kerma fission (mt18 or mt19-20-21-38) 51-Sb-121
Cross Section -100.0 To 9999. %

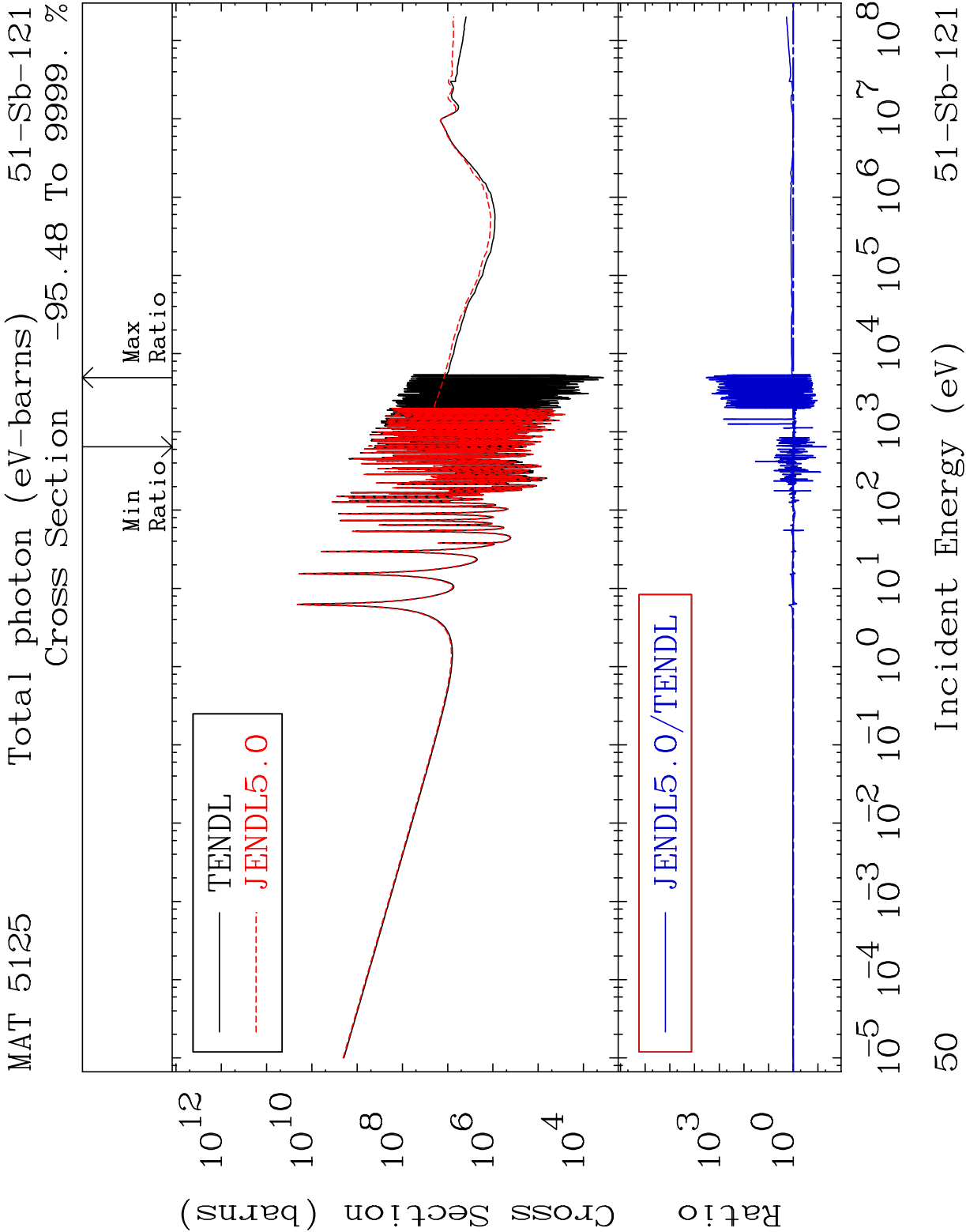


48 Incident Energy (eV) 51-Sb-121

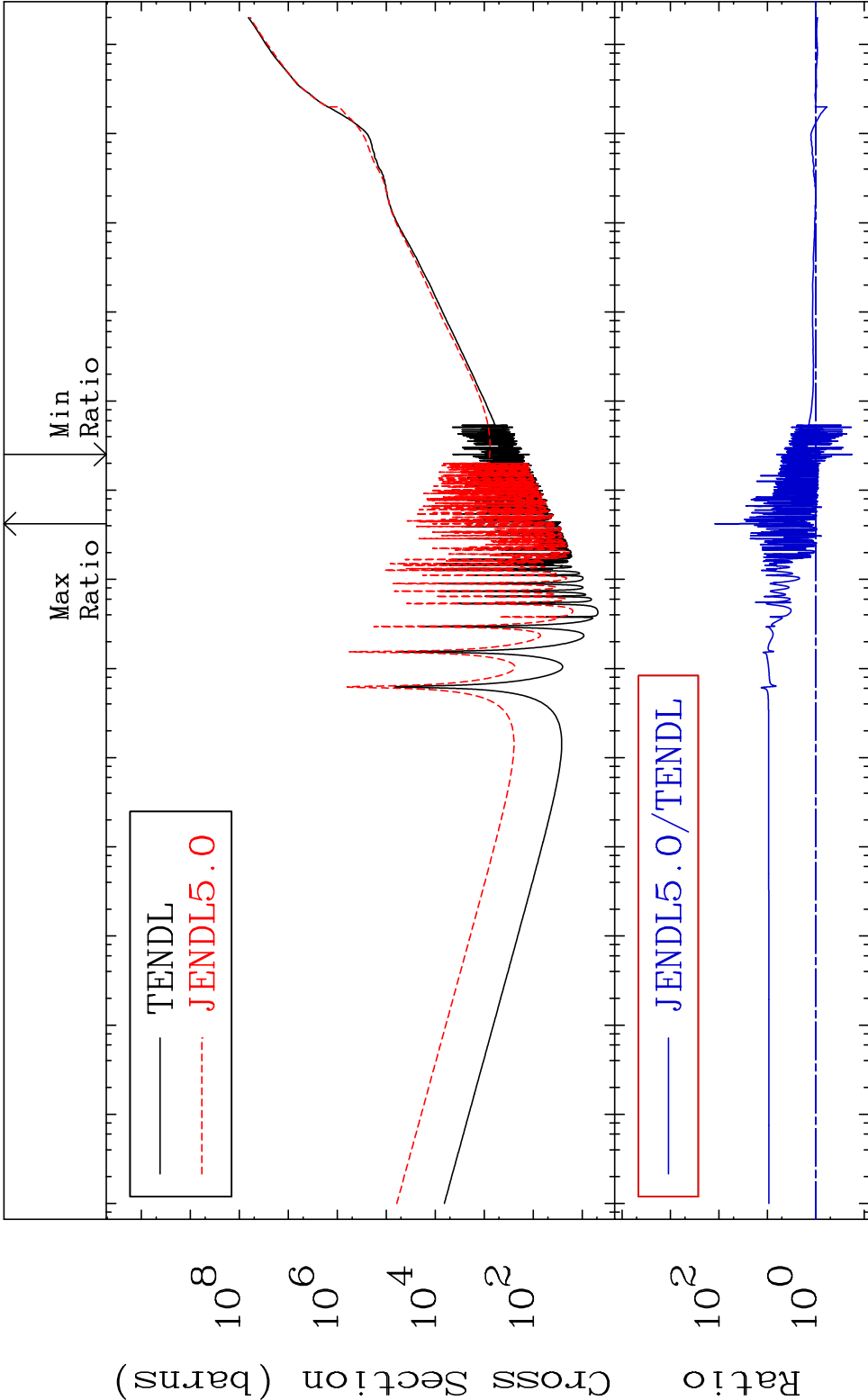
MAT 5125 Kerma capture (mt102) 51-Sb-121
Cross Section -100.0 To 9999. %



10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸
49 Incident Energy (eV) 51-Sb-121

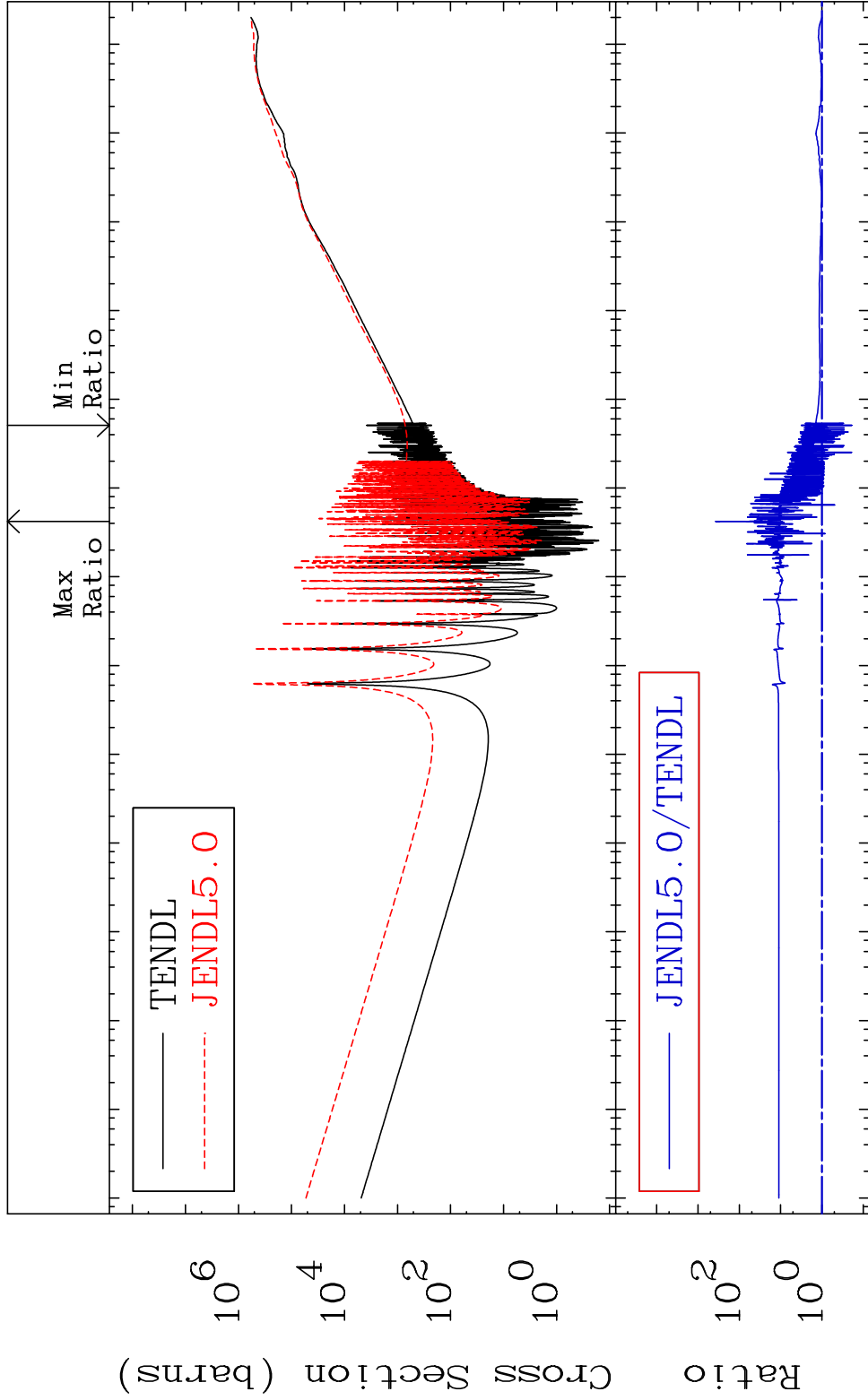


MAT 5125 Total kinematic kerma (high limit) 51-Sb-121
Cross Section -82.30 To 9999. %

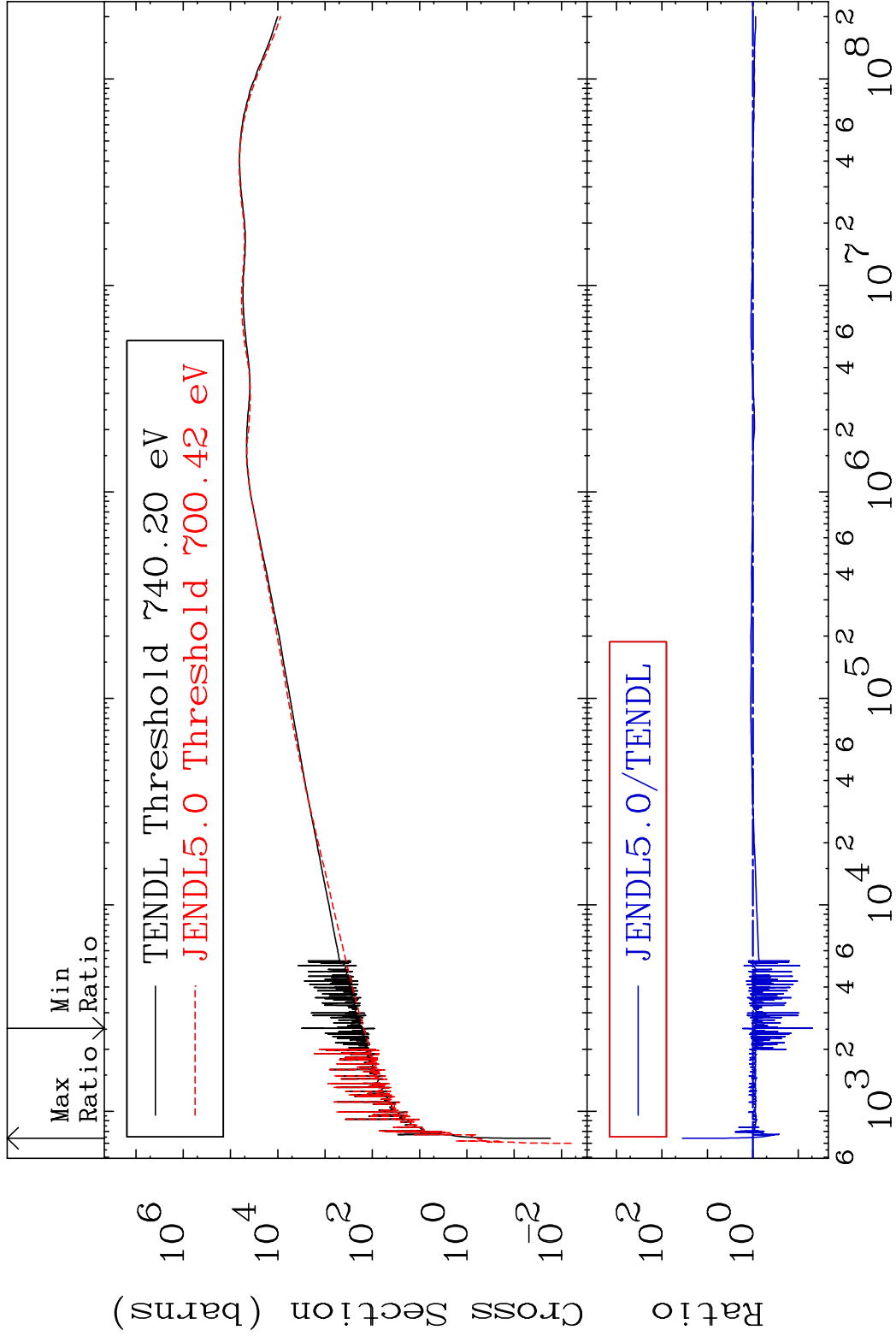


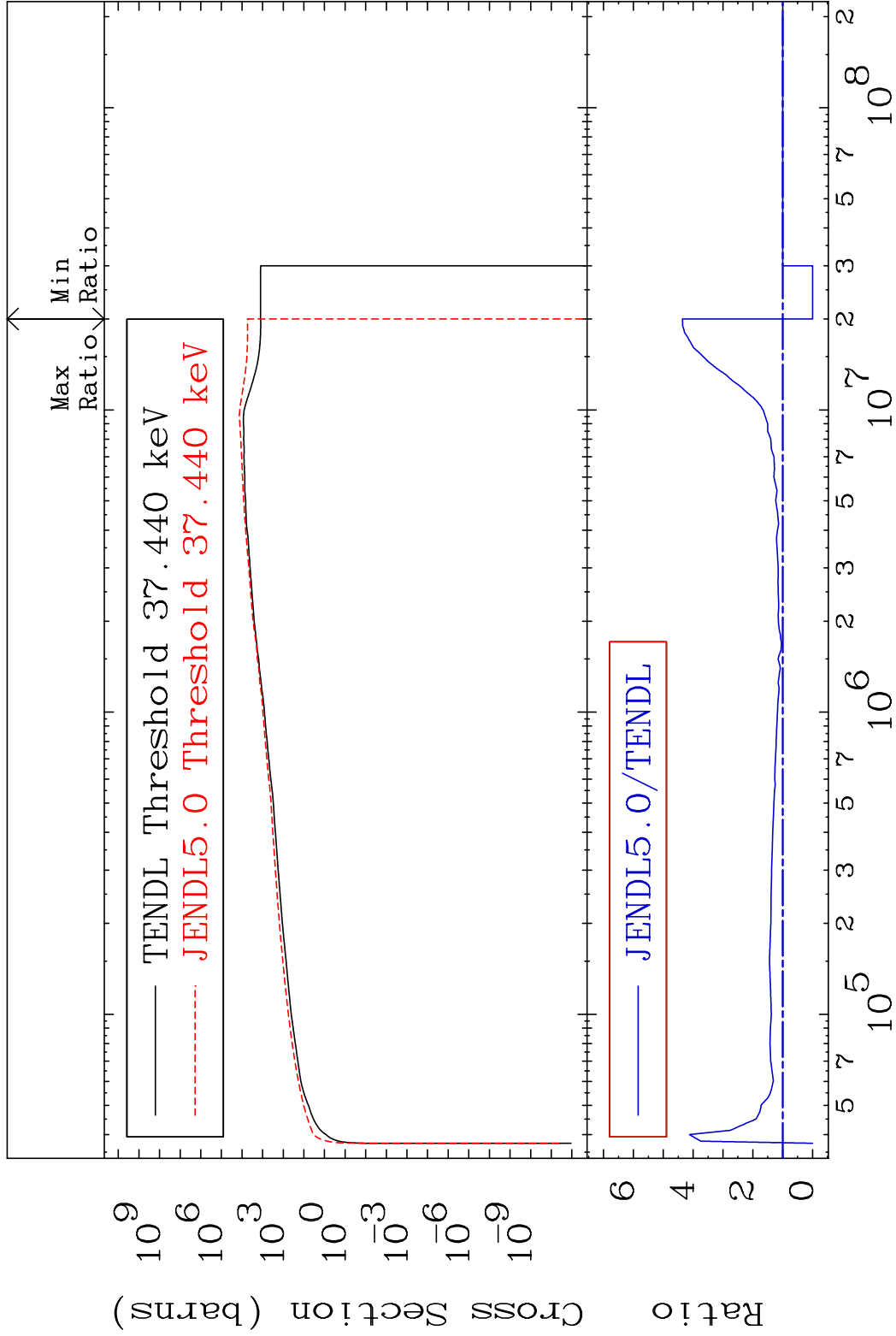
51 Incident Energy (eV) 51-Sb-121

MAT 5125 Dpa total (eV-barns) 51-Sb-121
Cross Section -81.49 To 9999. %

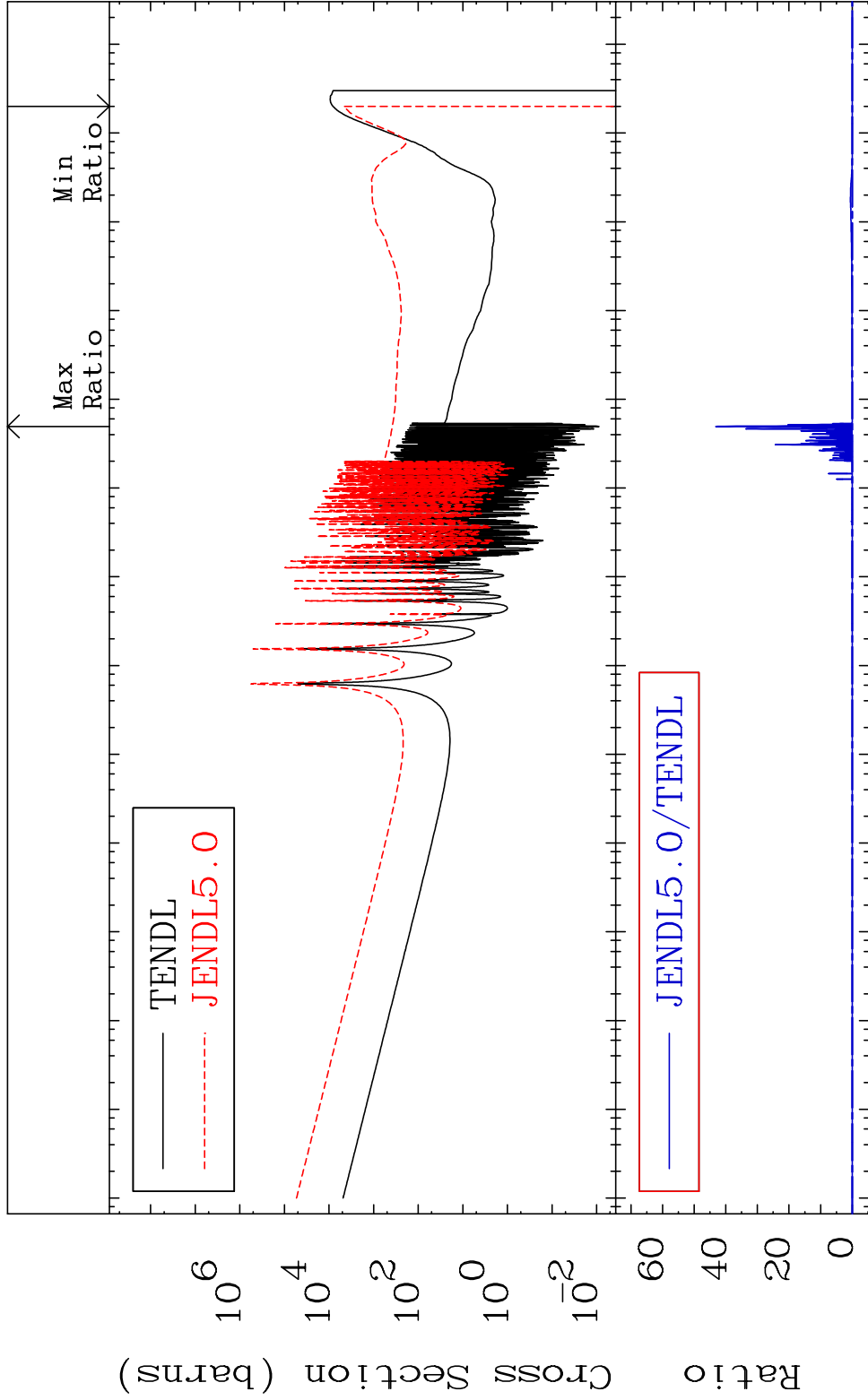


MAT 5125	Dpa elastic (mt2)	51-Sb-121
	Cross Section	-95.17 To 3456. %



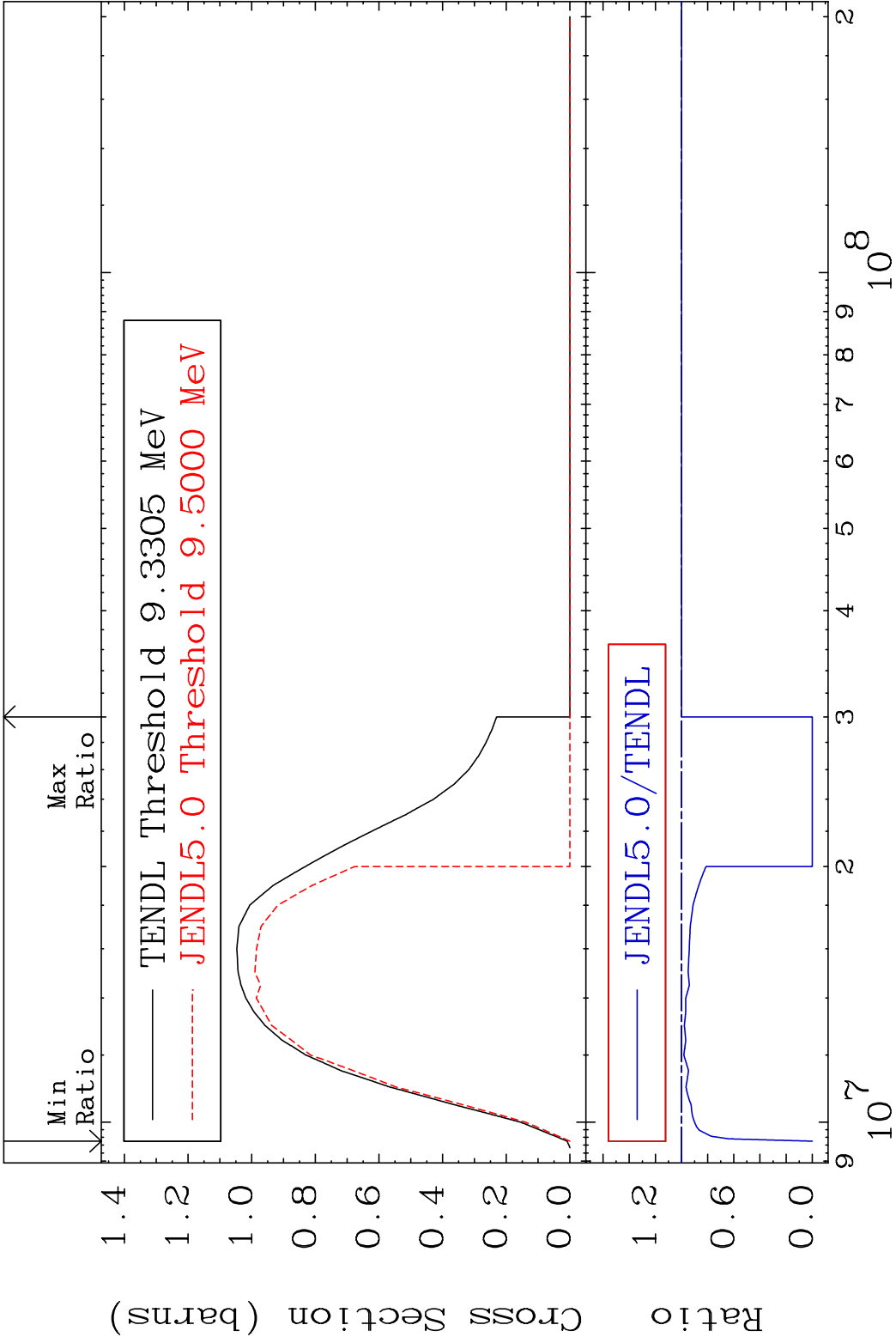


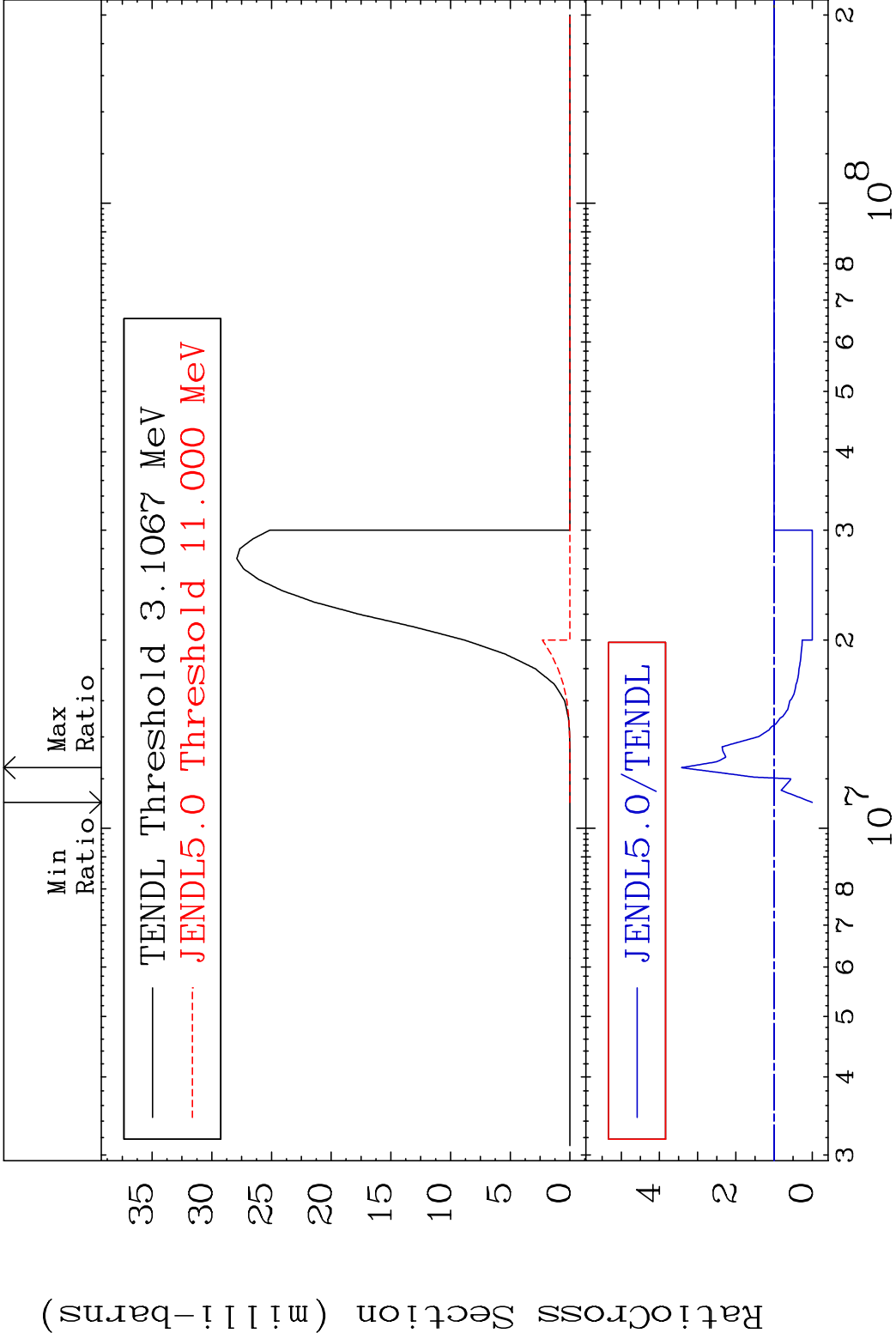
MAT 5125 Dpa disappearance (mt102 -120) 51-Sb-121
Cross Section -100.0 To 9999. %

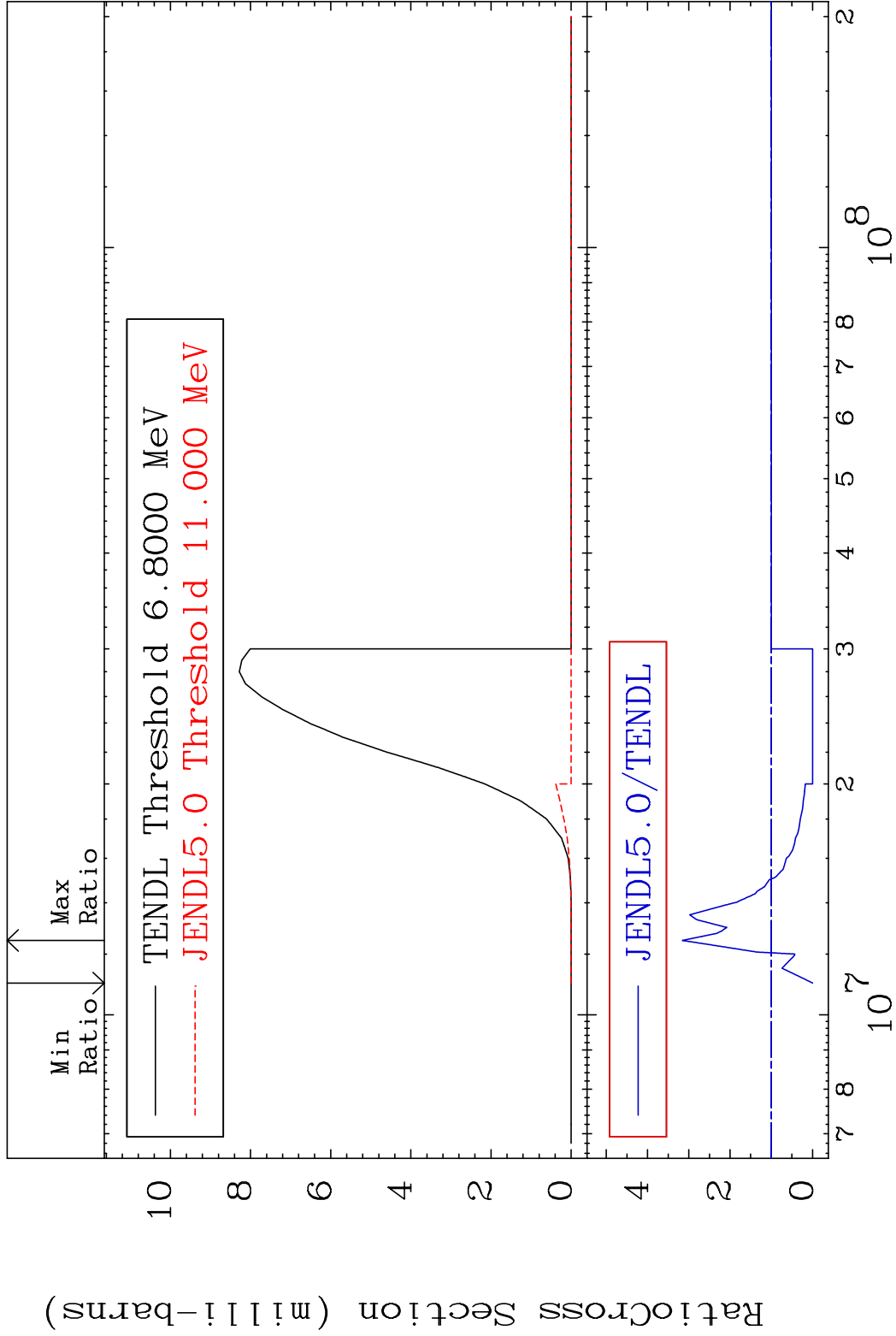


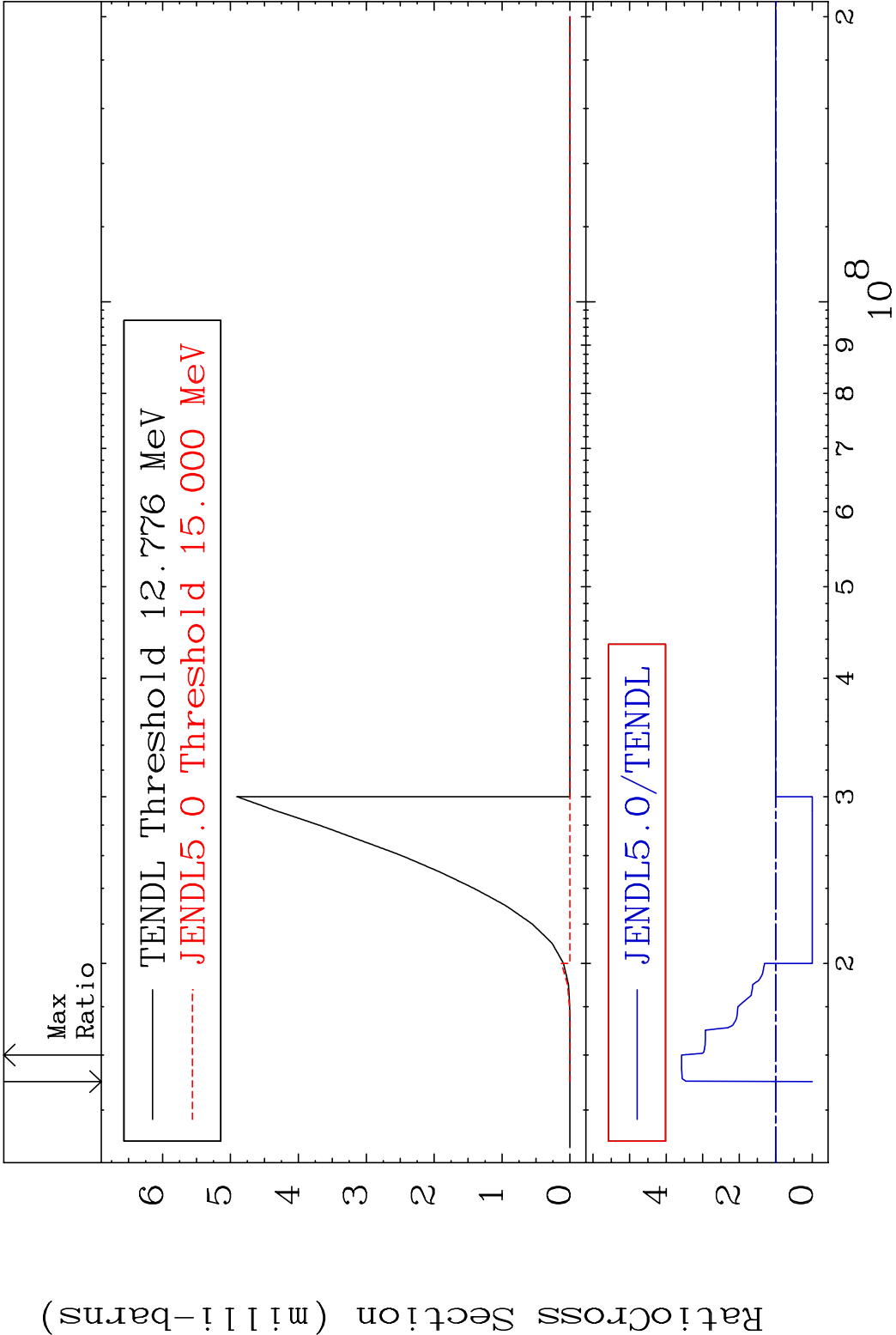
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

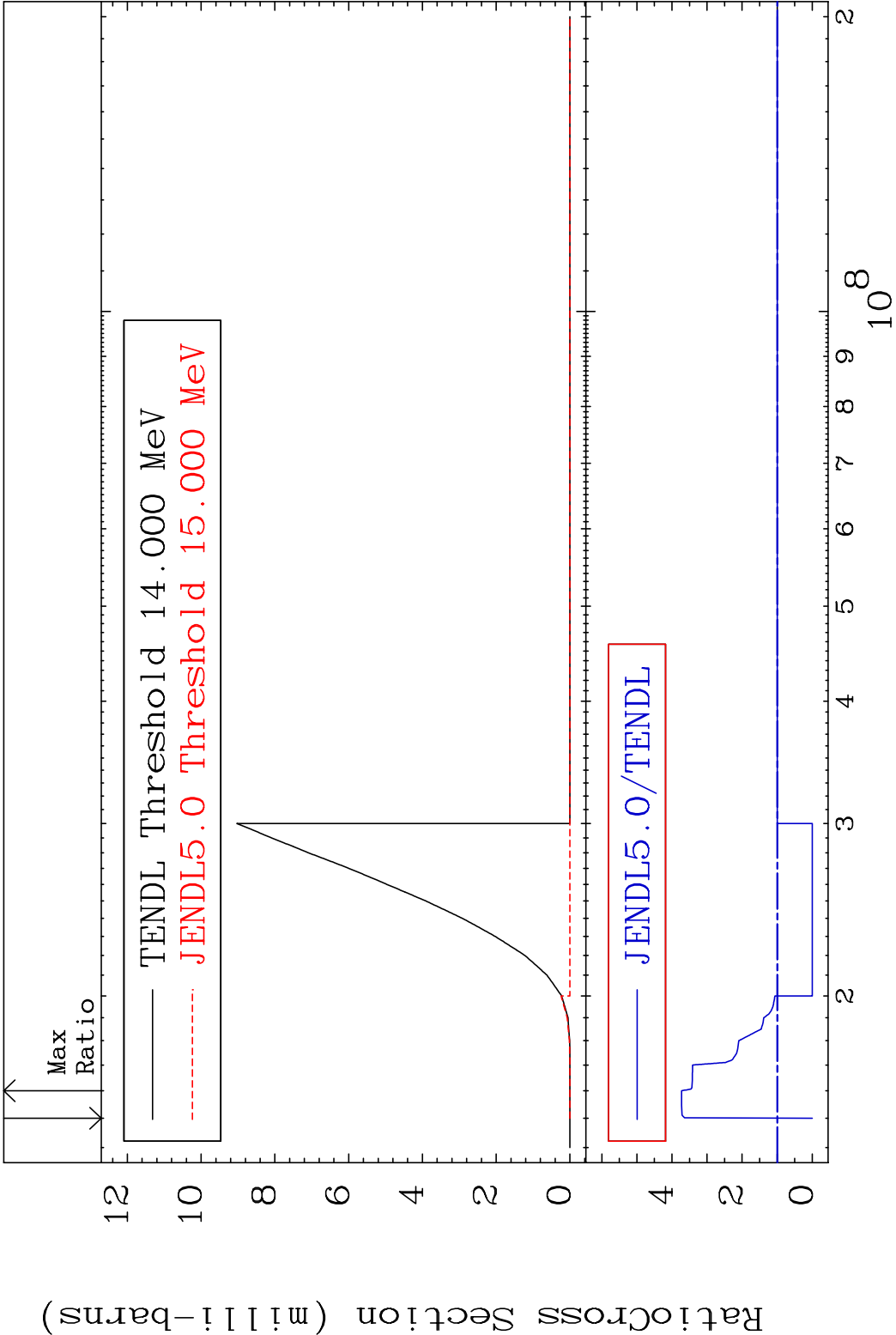
55 Incident Energy (eV) 51-Sb-121

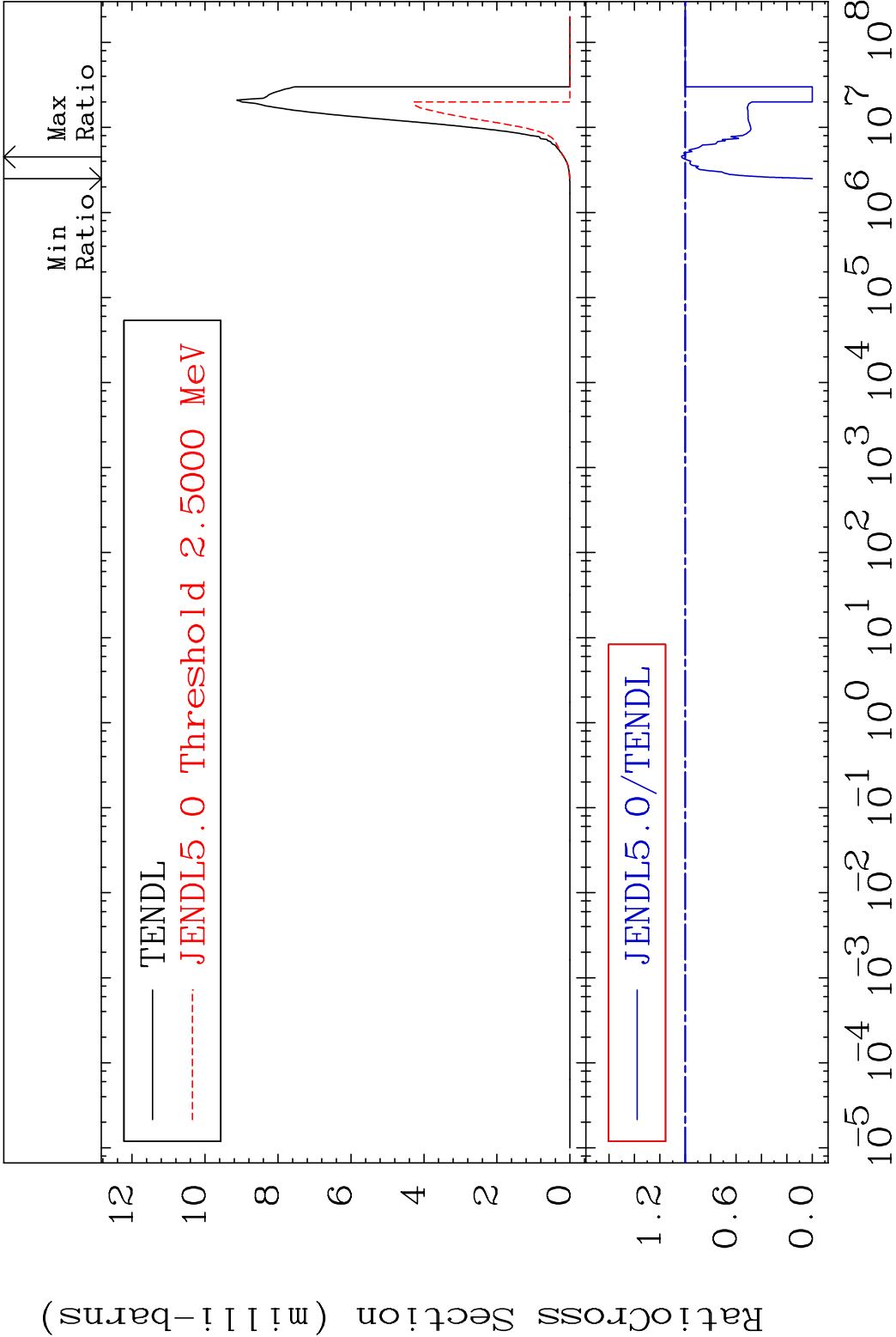


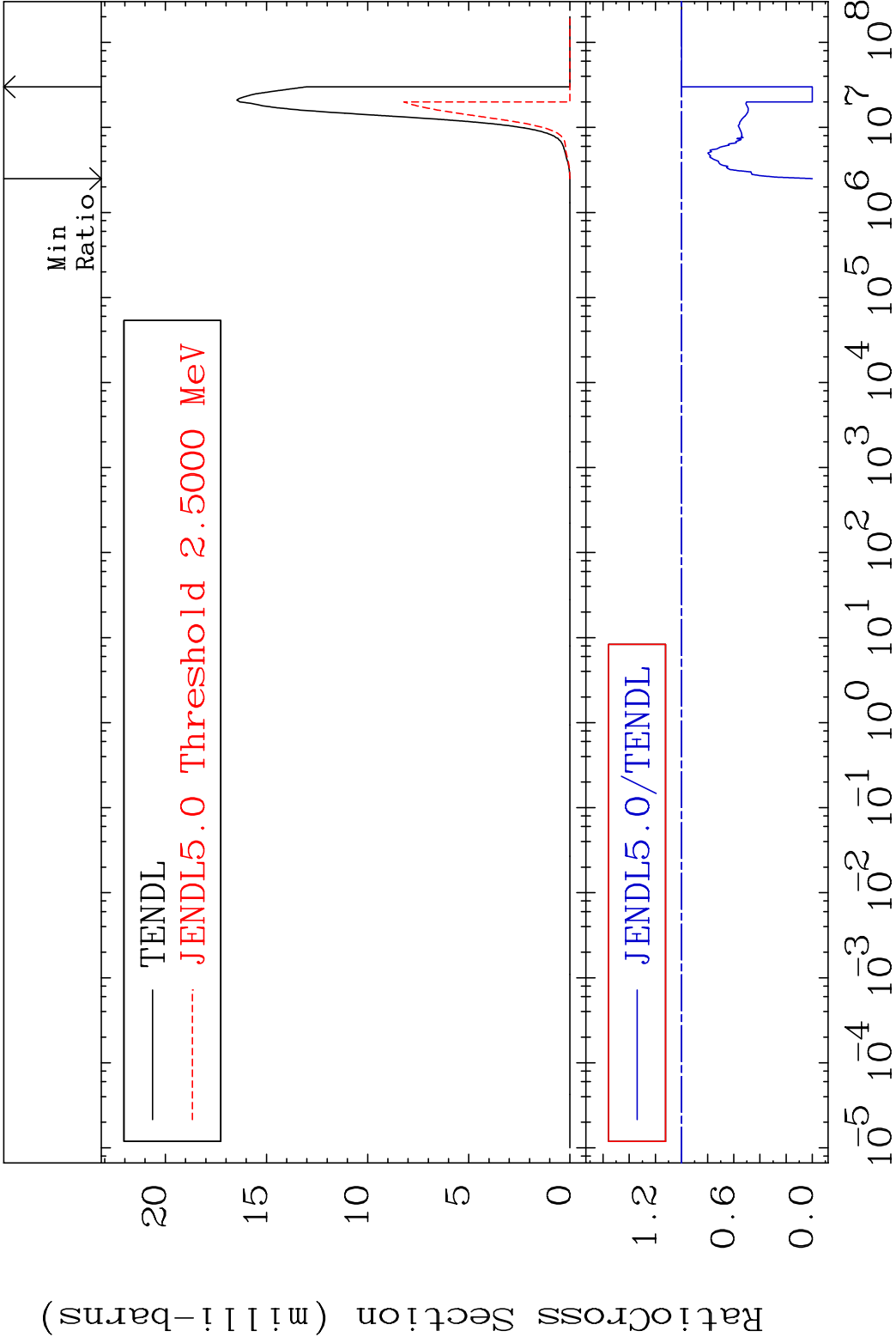


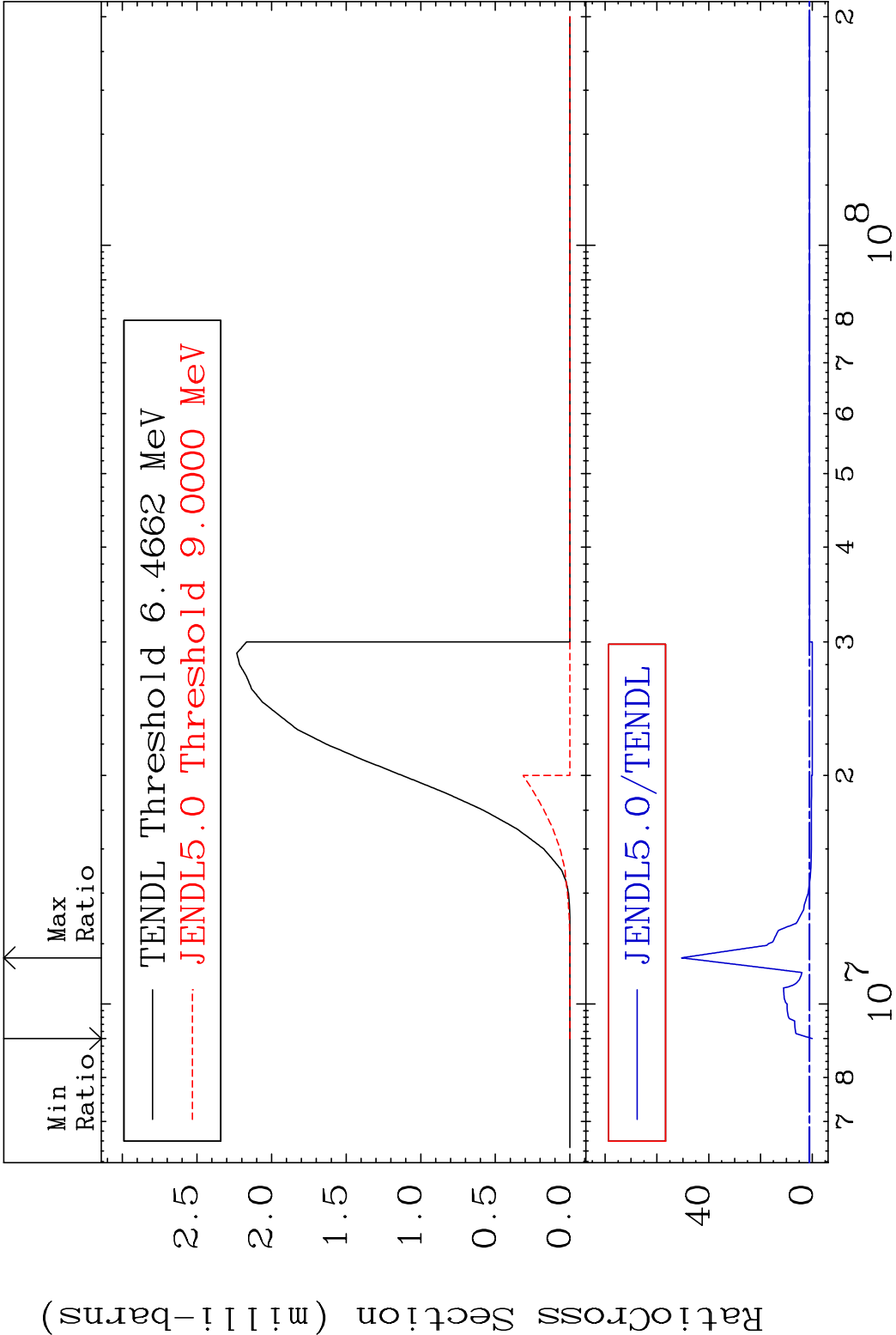


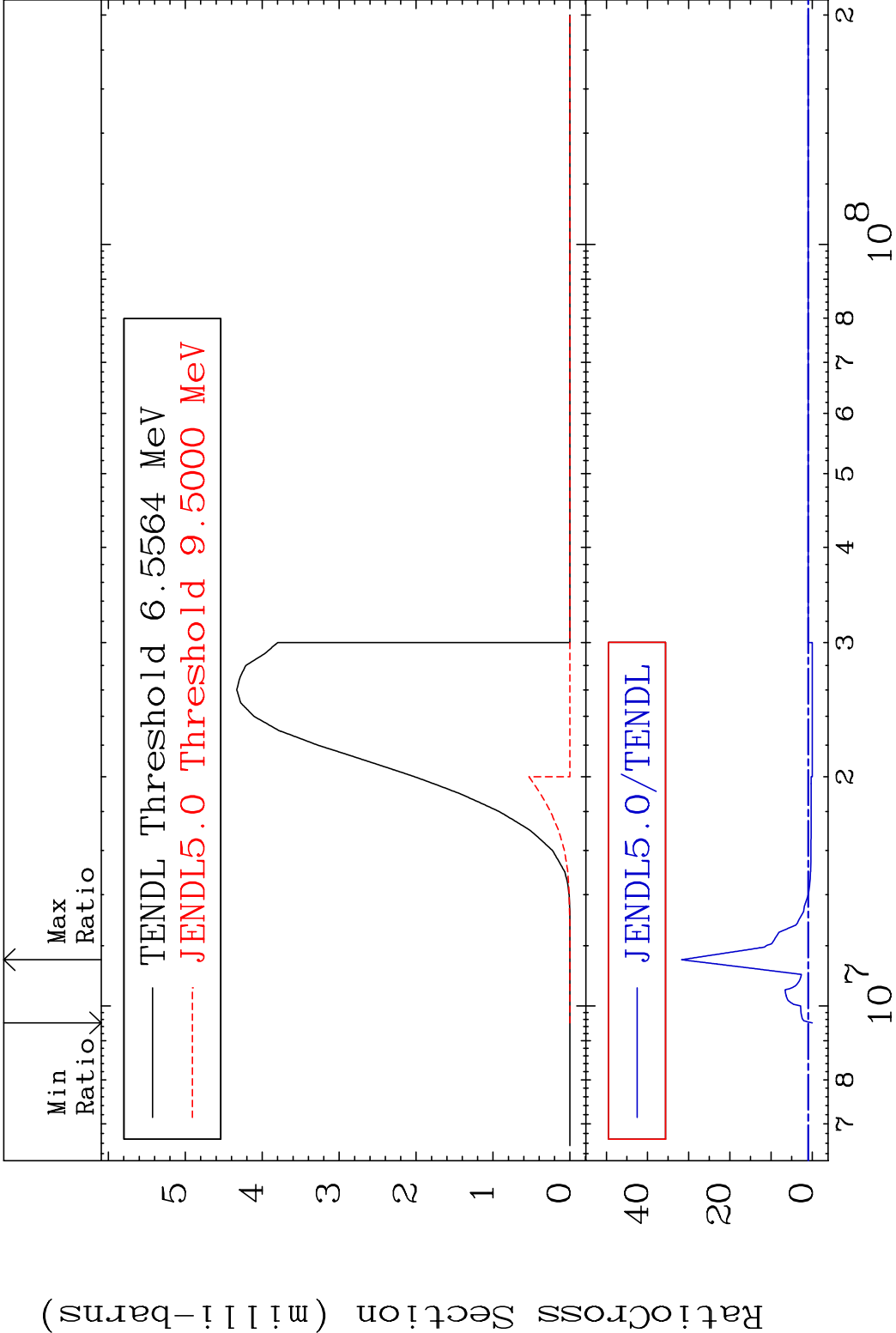


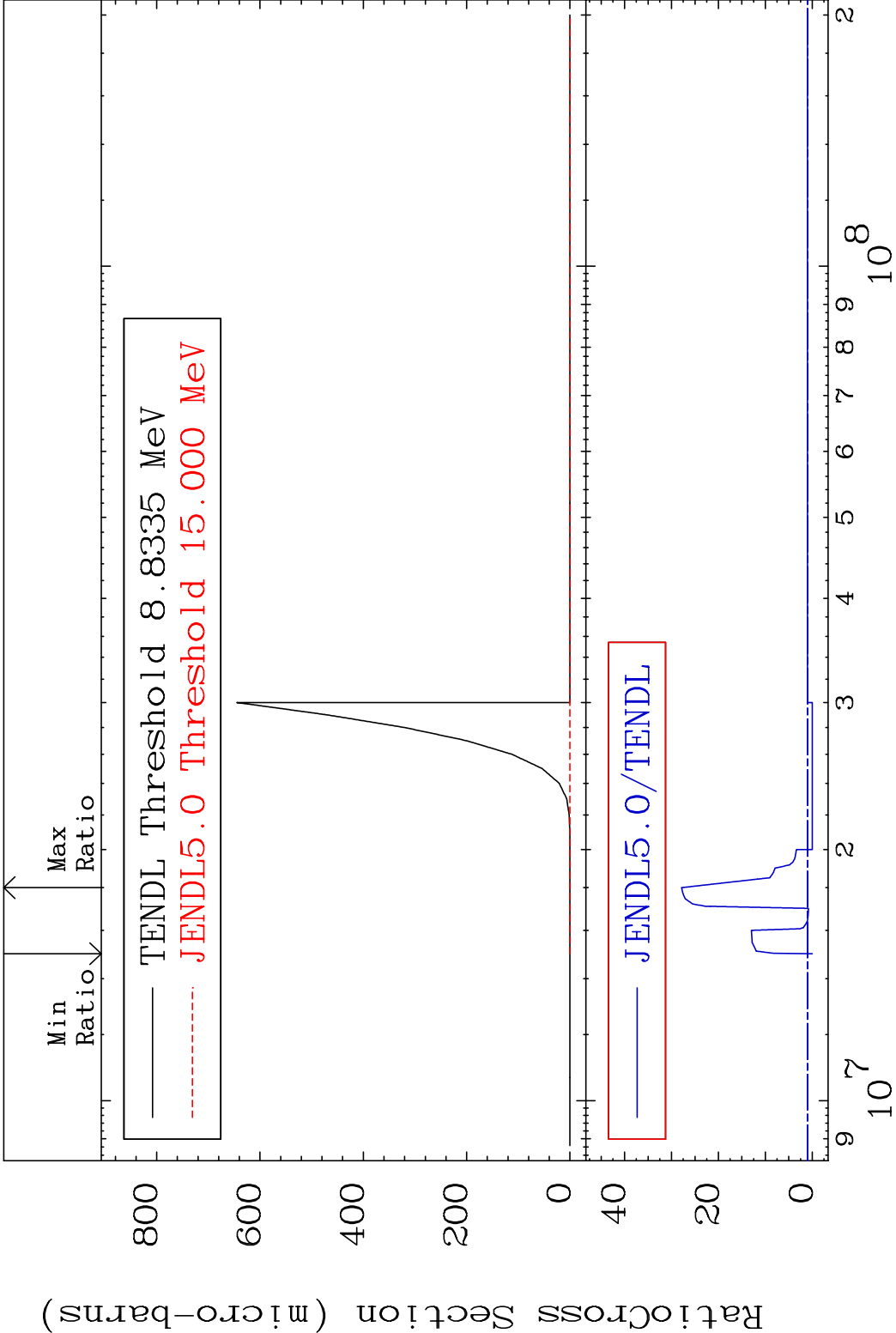


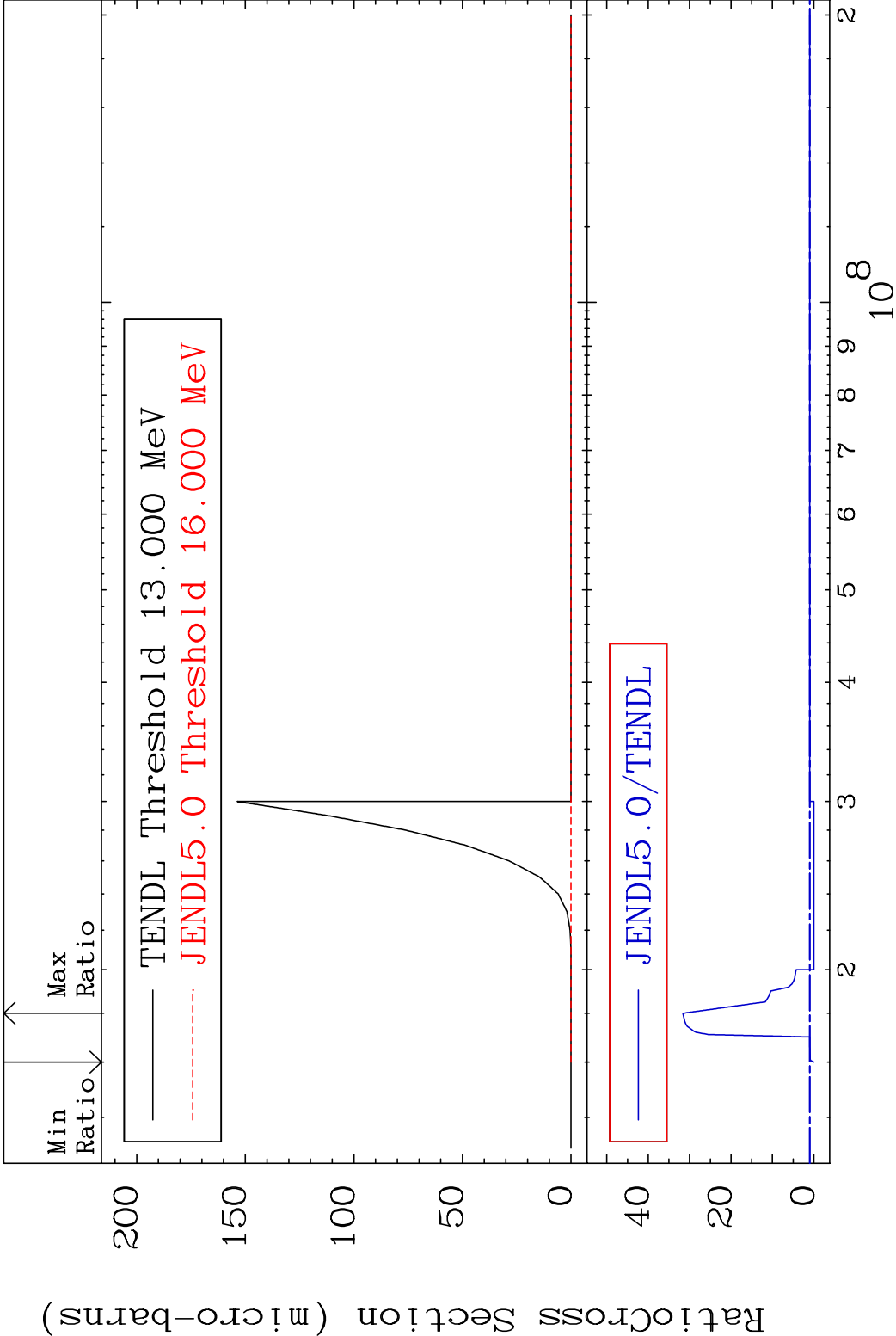


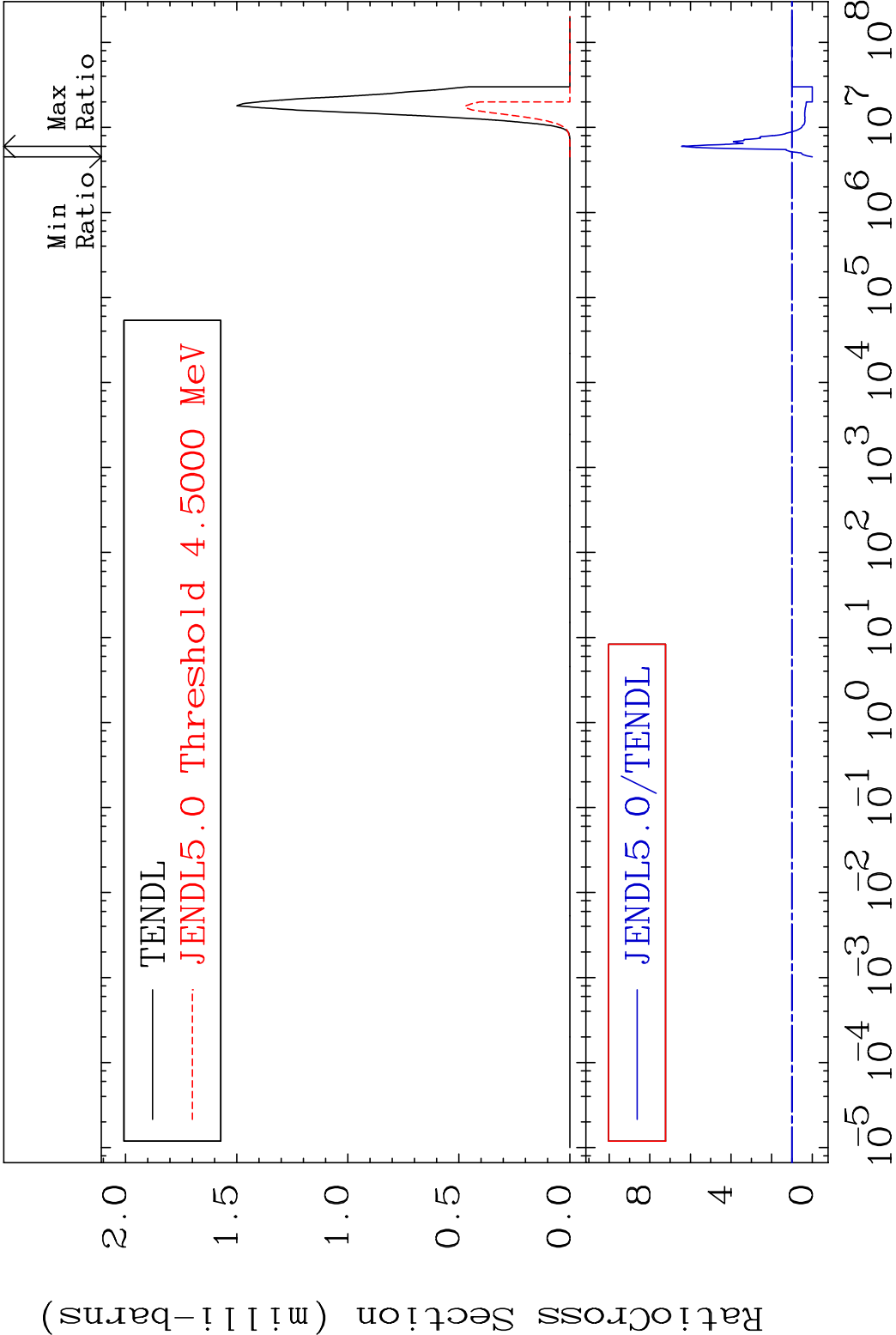


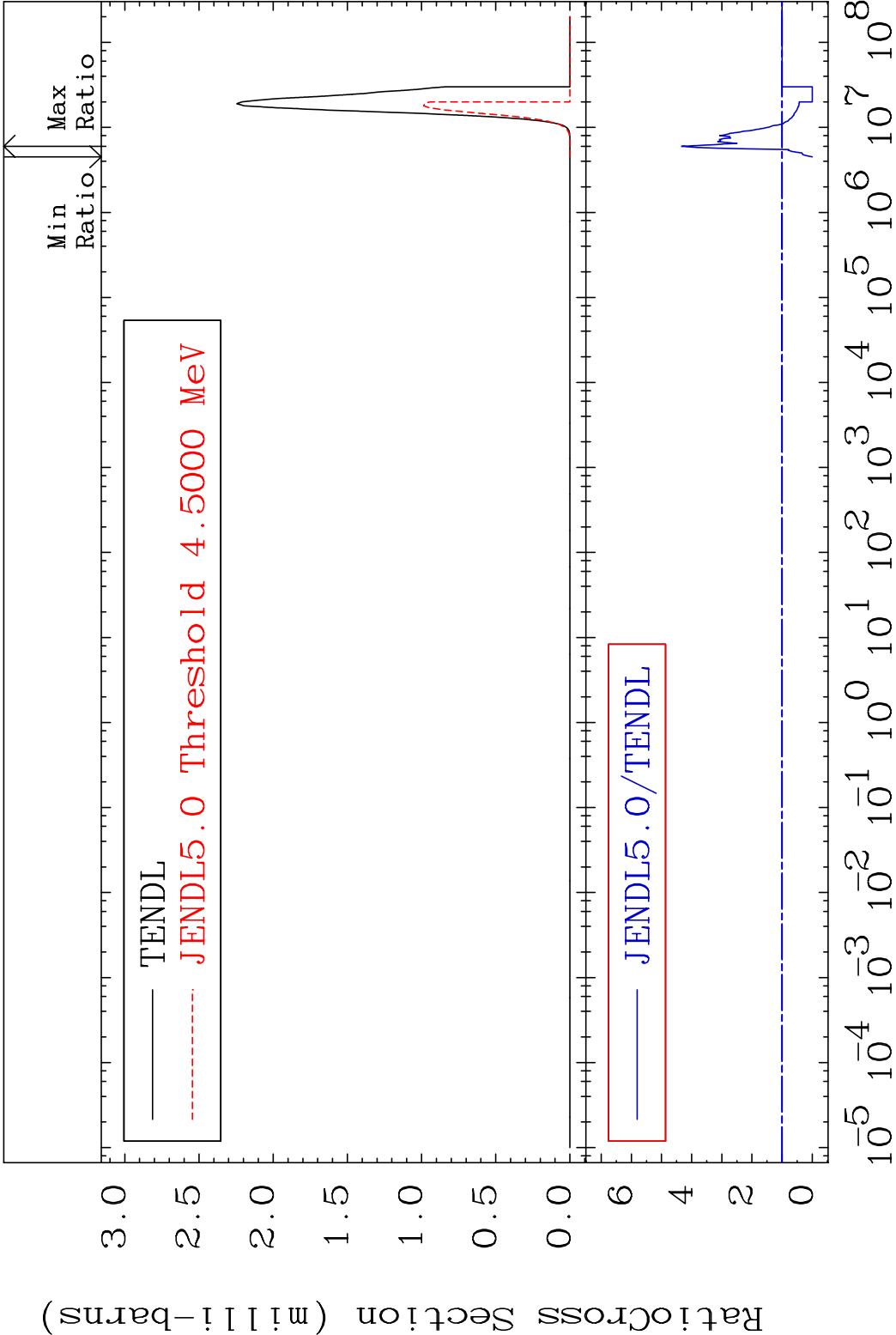


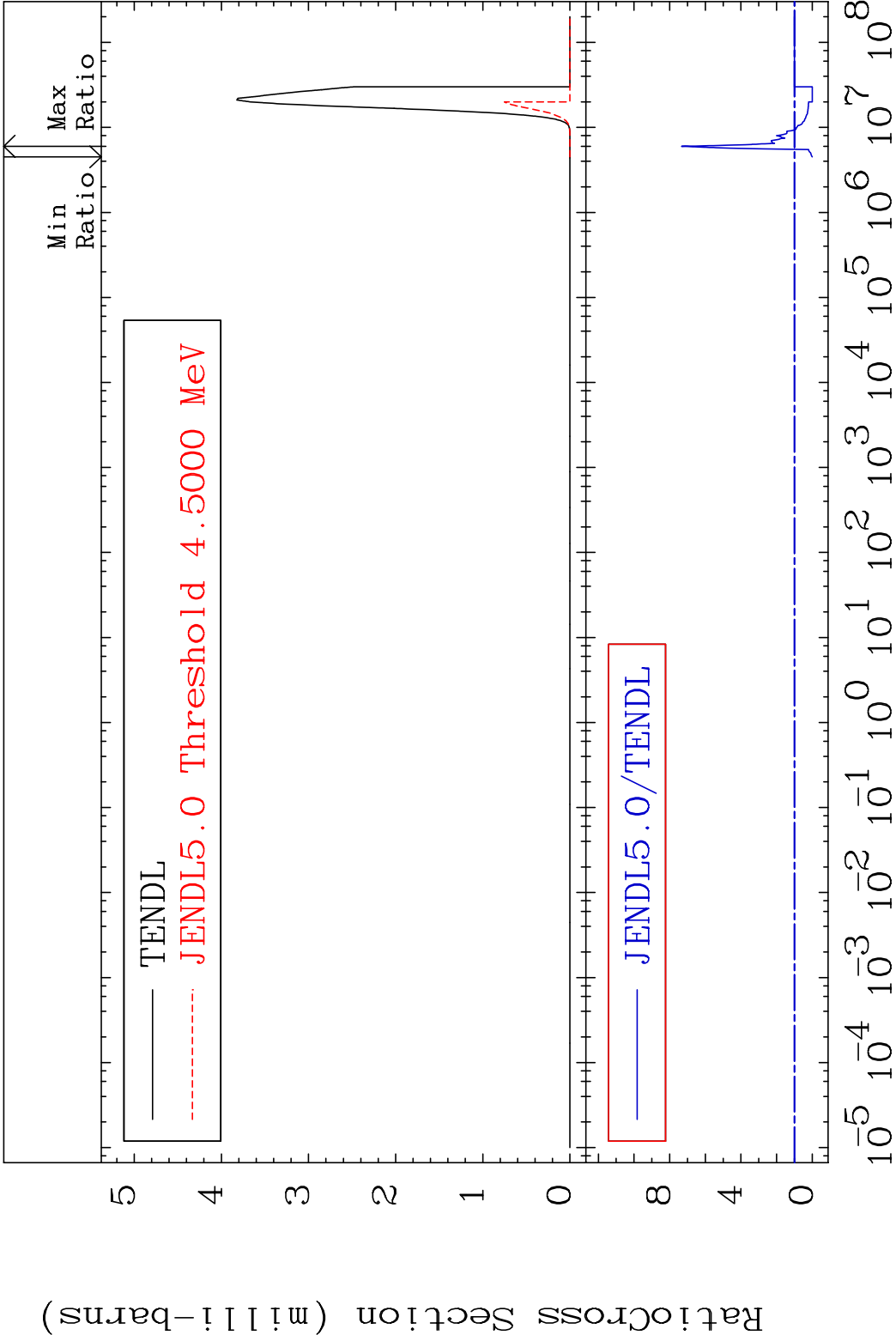


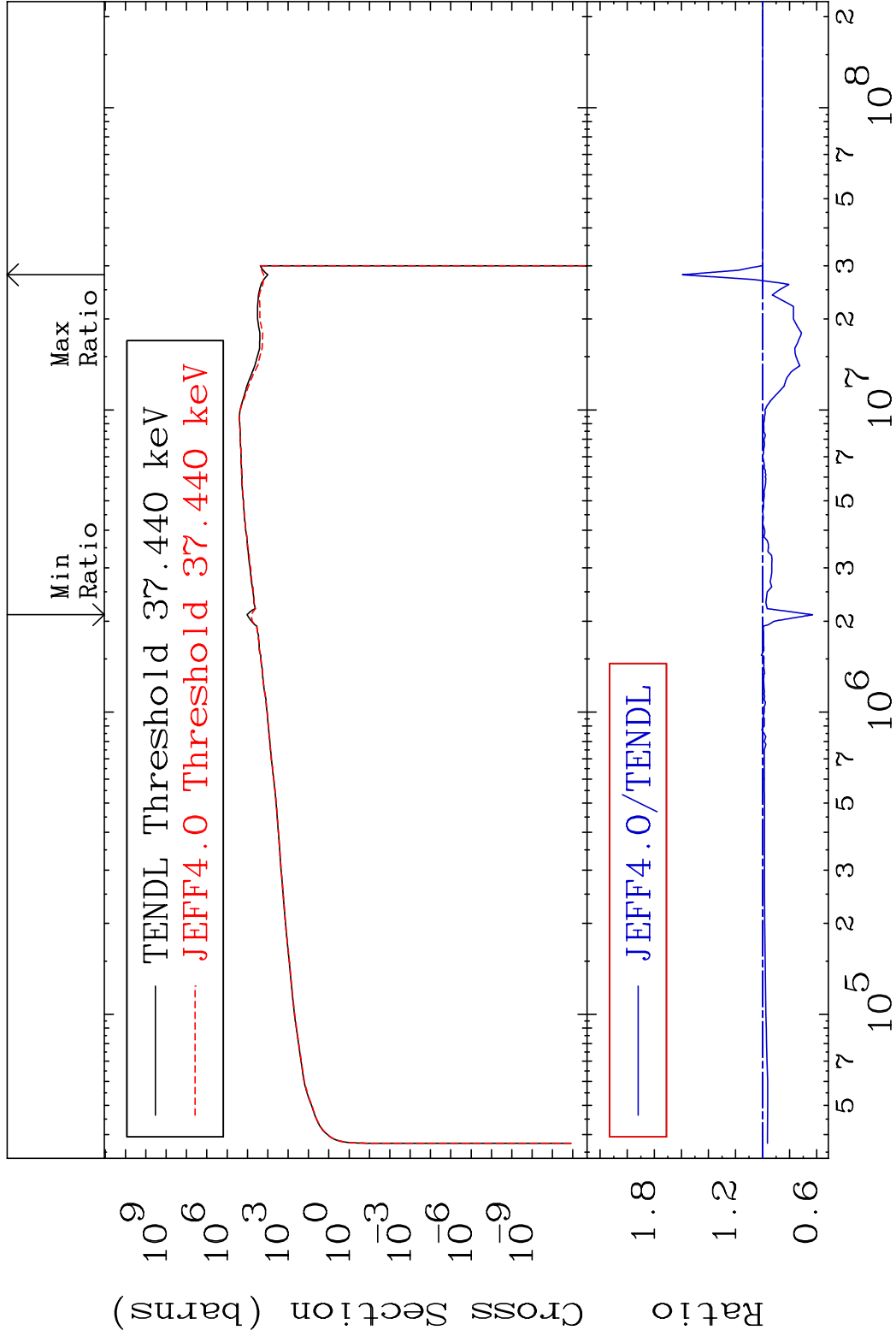




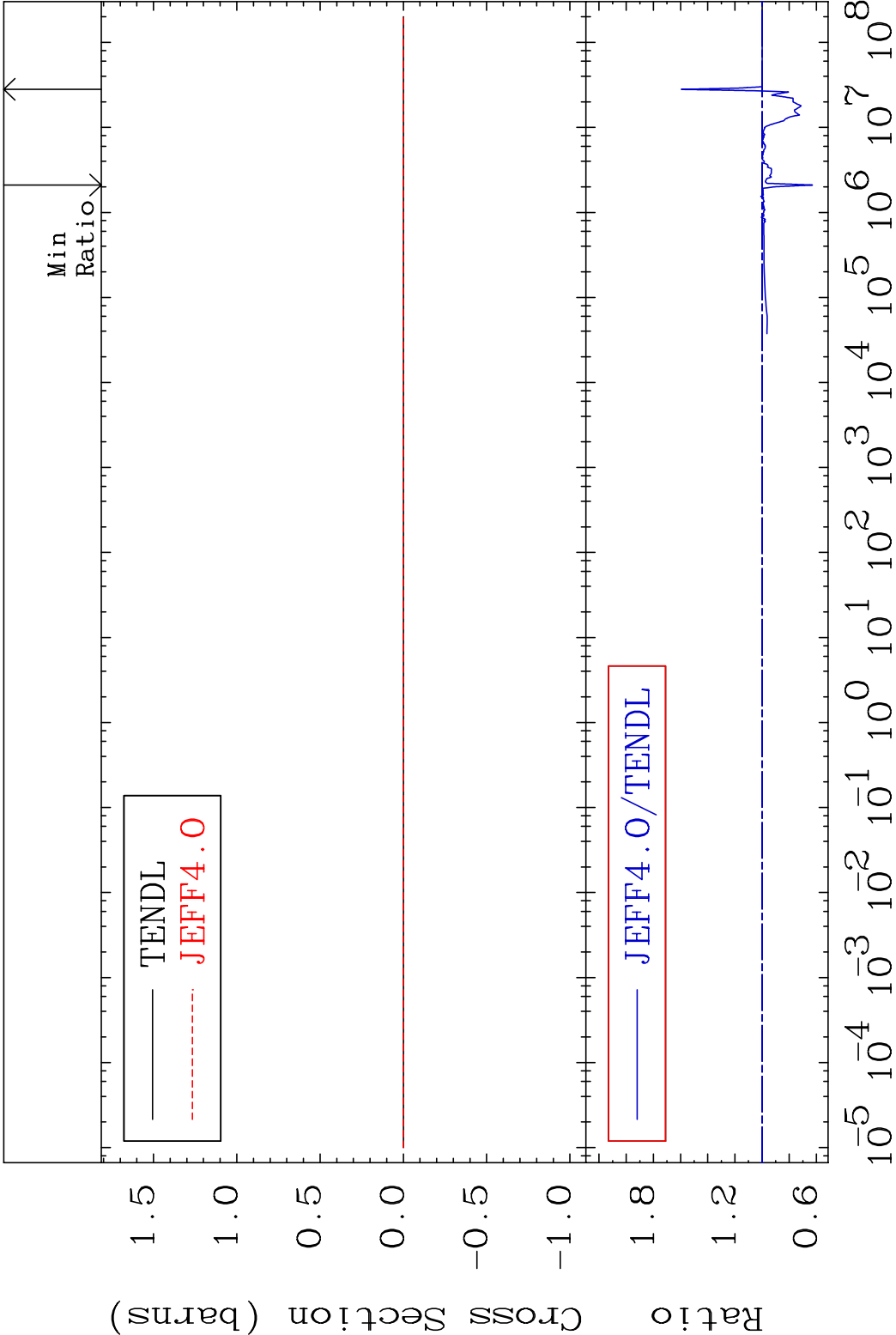






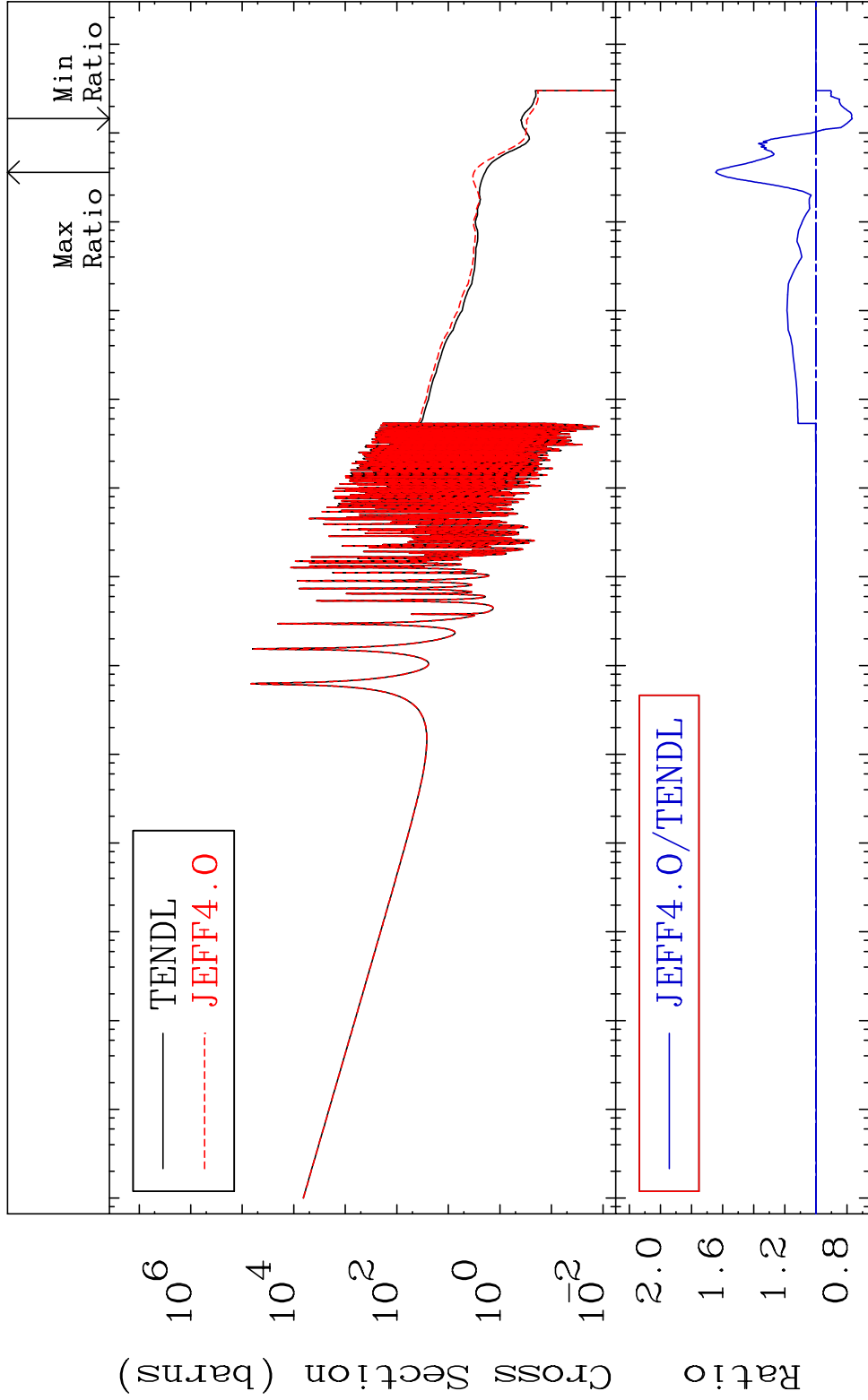


MAT 5125 Kerma fission (mt18 or mt19-20-21-38) 51-Sb-121
Cross Section -36.94 To 59.27 %



71 Incident Energy (eV) 51-Sb-121

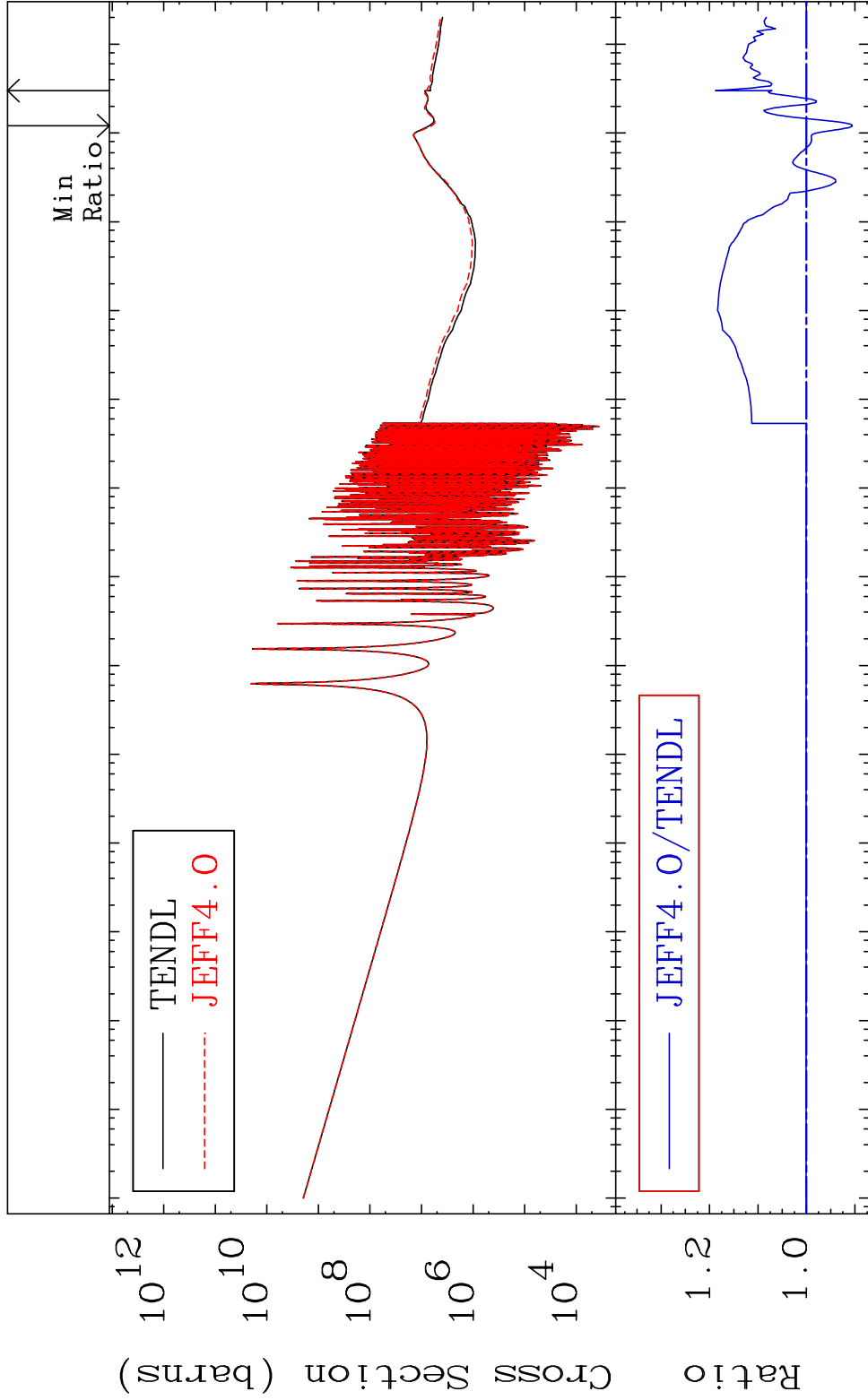
MAT 5125 Kerma capture (mt102) 51-Sb-121
Cross Section -23.34 To 64.45 %



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

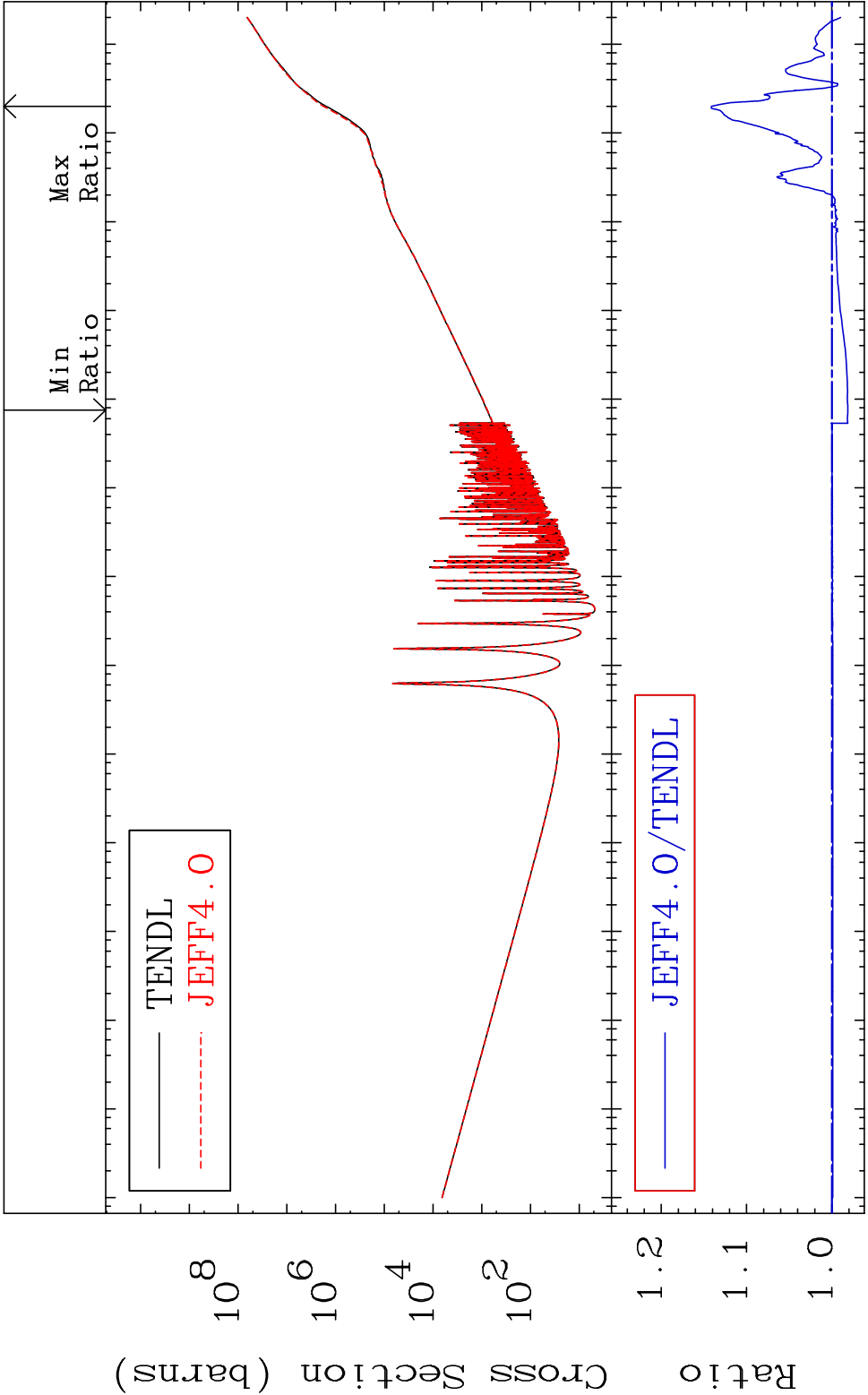
72 Incident Energy (eV) 51-Sb-121

MAT 5125 Total photon (eV-barns) 51-Sb-121
Cross Section -9.449 To 18.74 %

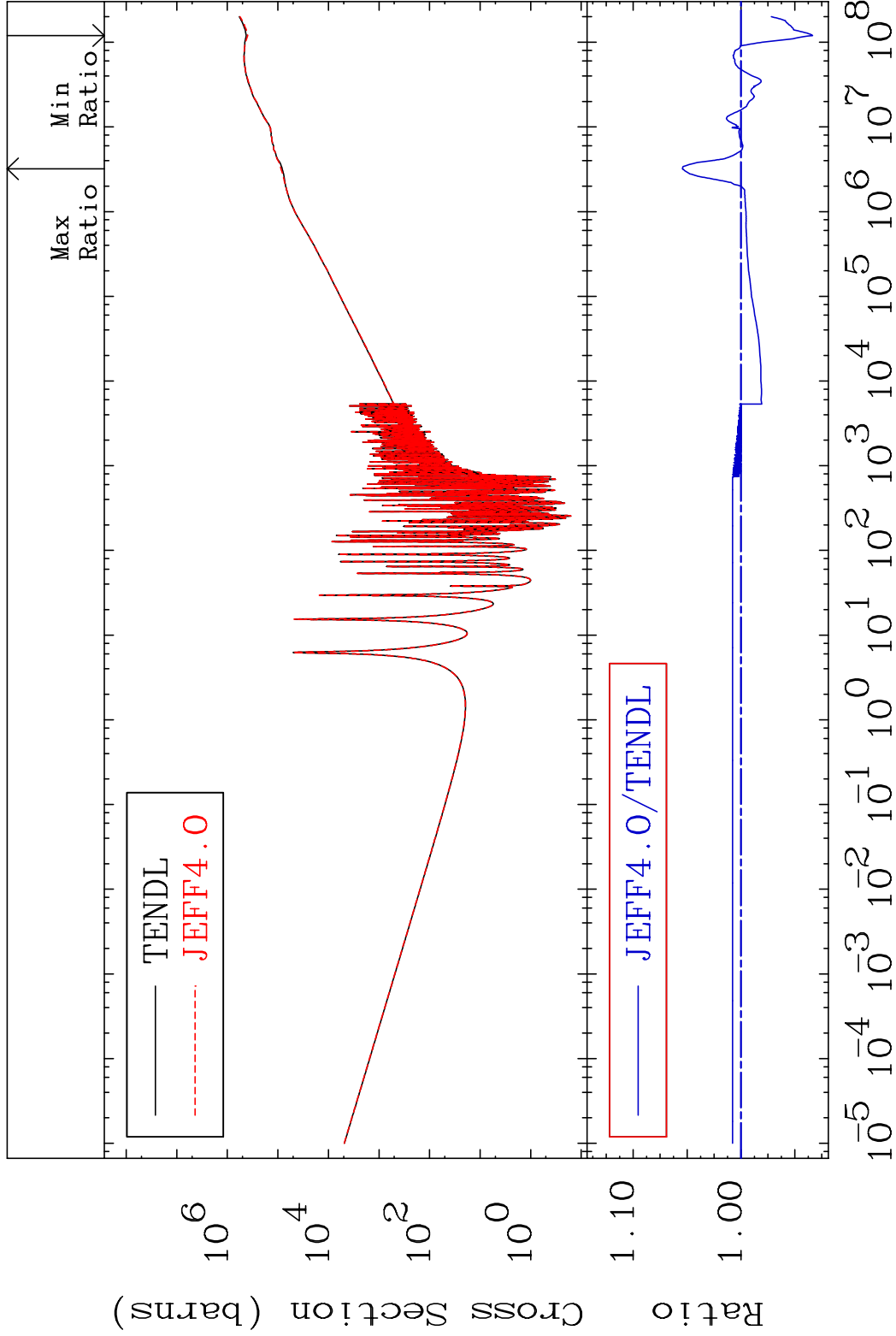


73 Incident Energy (eV) 51-Sb-121

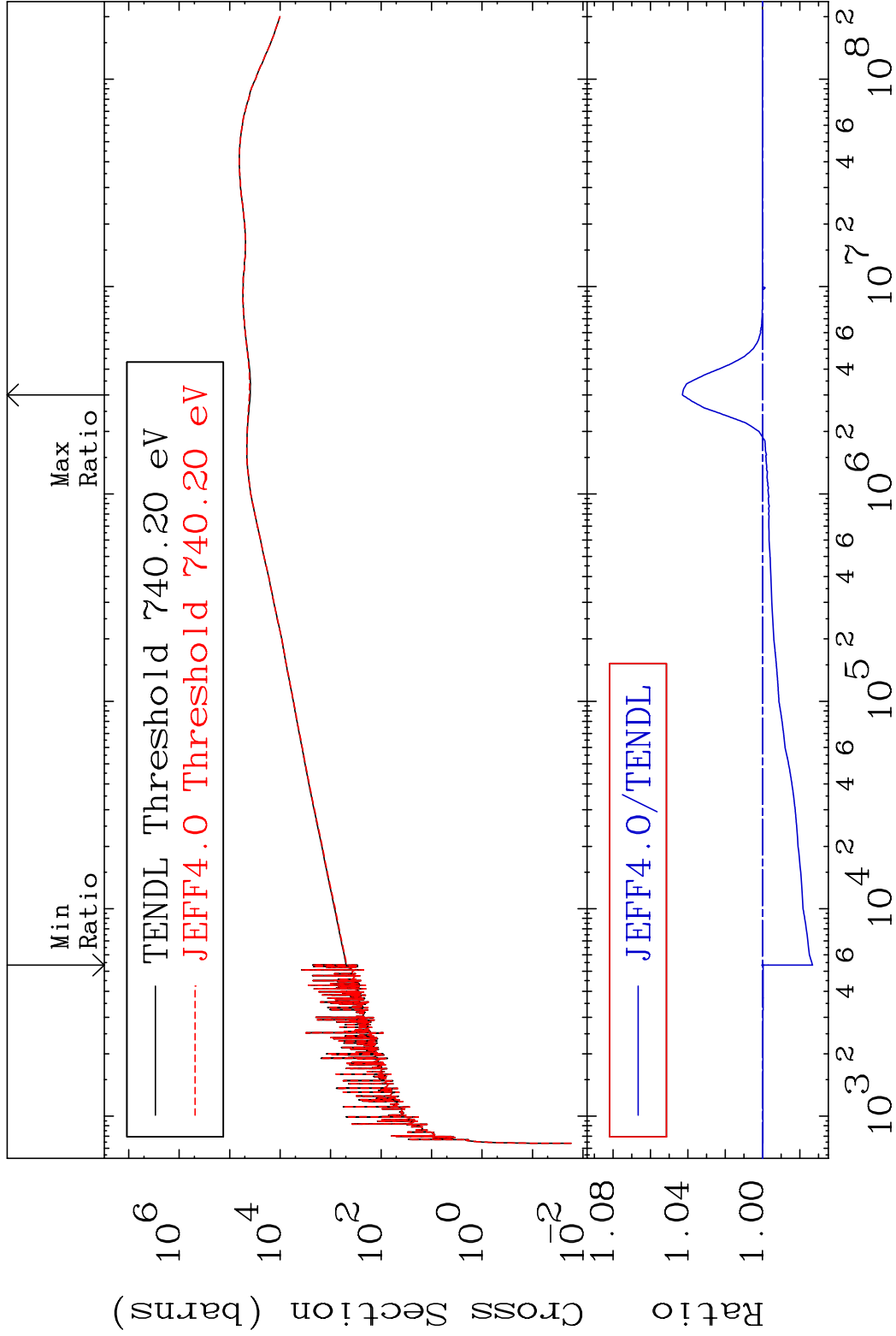
MAT 5125 Total kinematic kerma (high limit) 51-Sb-121
Cross Section -1.866 To 14.13 %



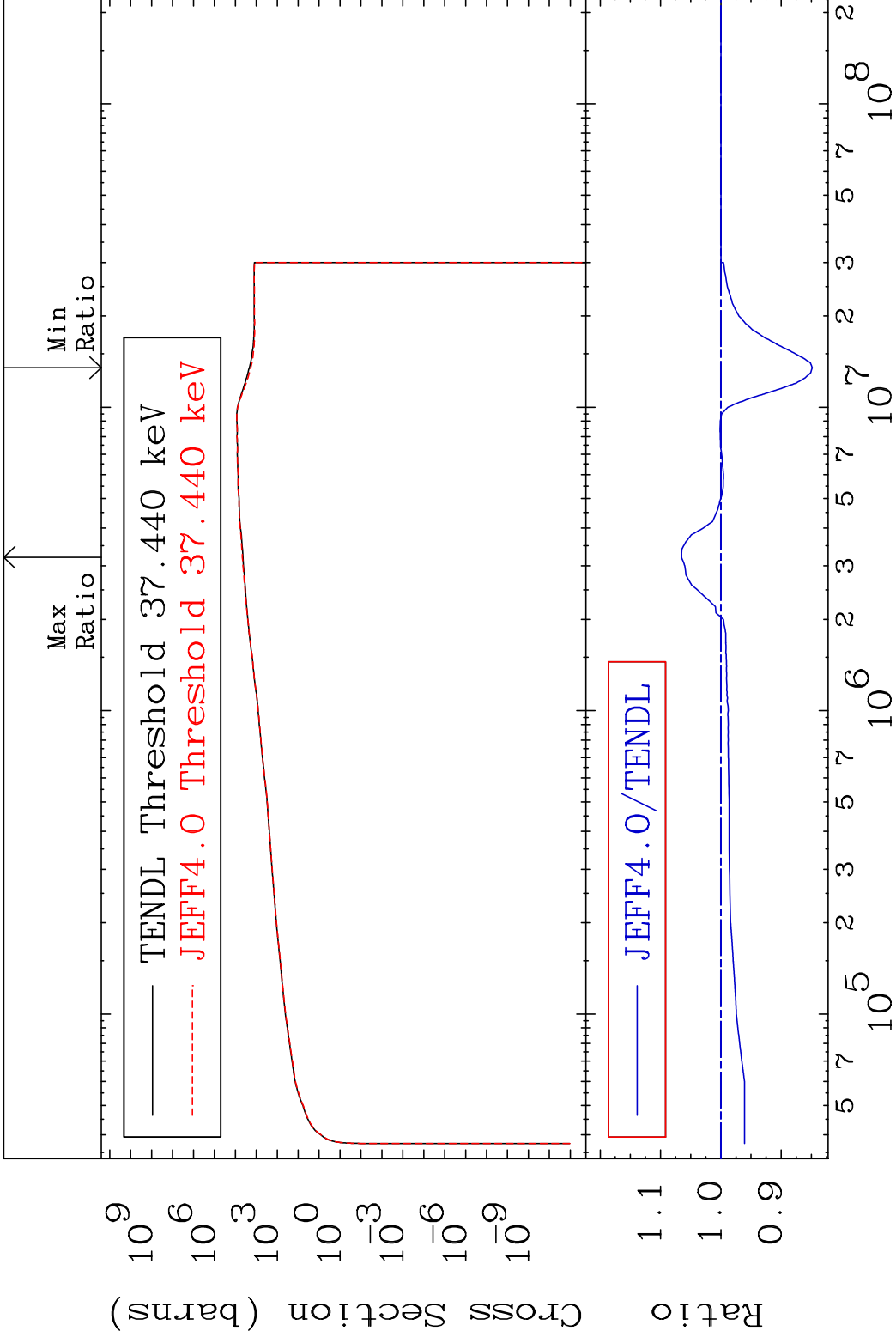
MAT 5125 Dpa total (eV-barns) 51-Sb-121
Cross Section -6.645 To 5.438 %



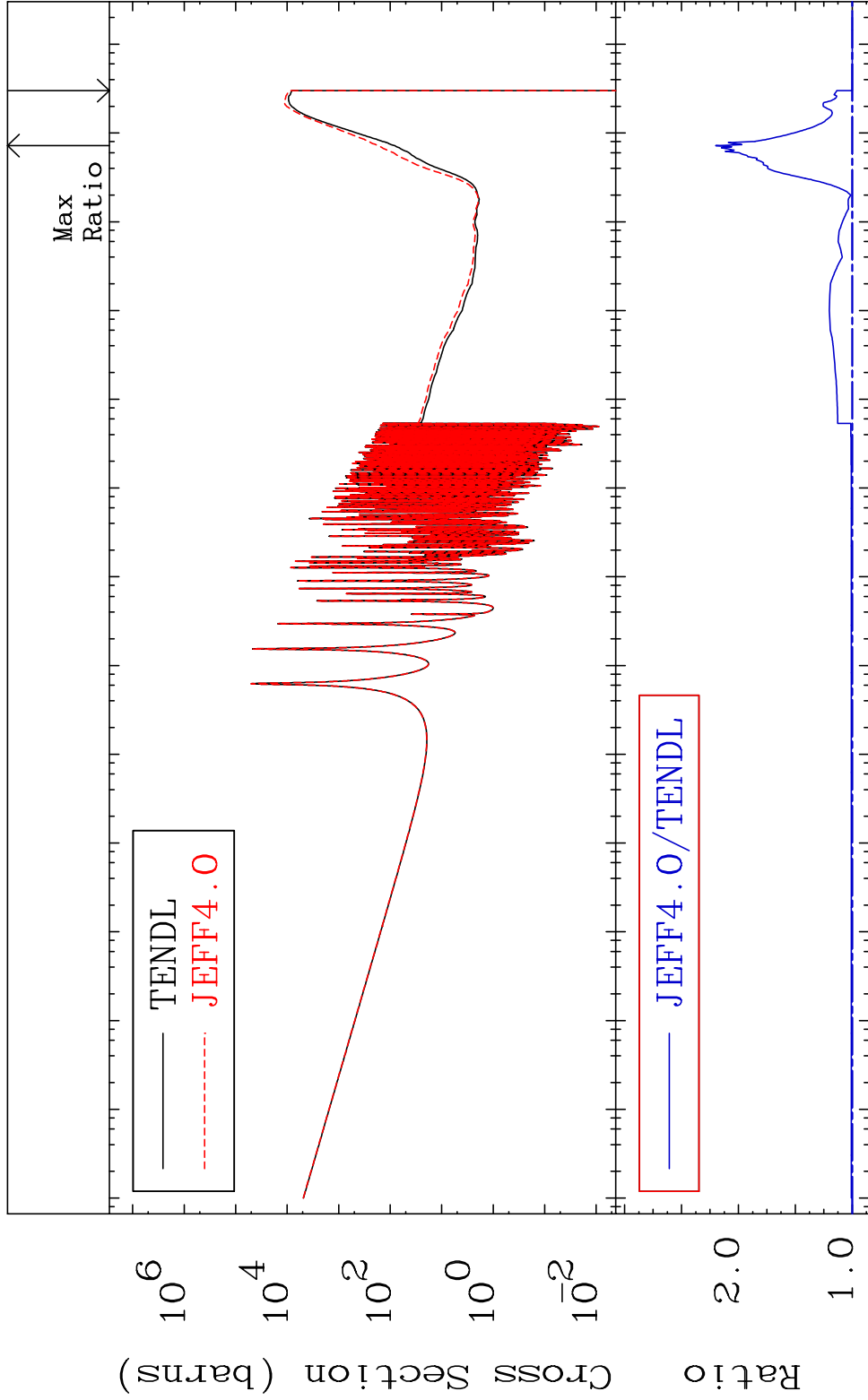
MAT 5125 Dpa elastic (mt2) 51-Sb-121
Cross Section -2.679 To 4.294 %



76 Incident Energy (eV) 51-Sb-121

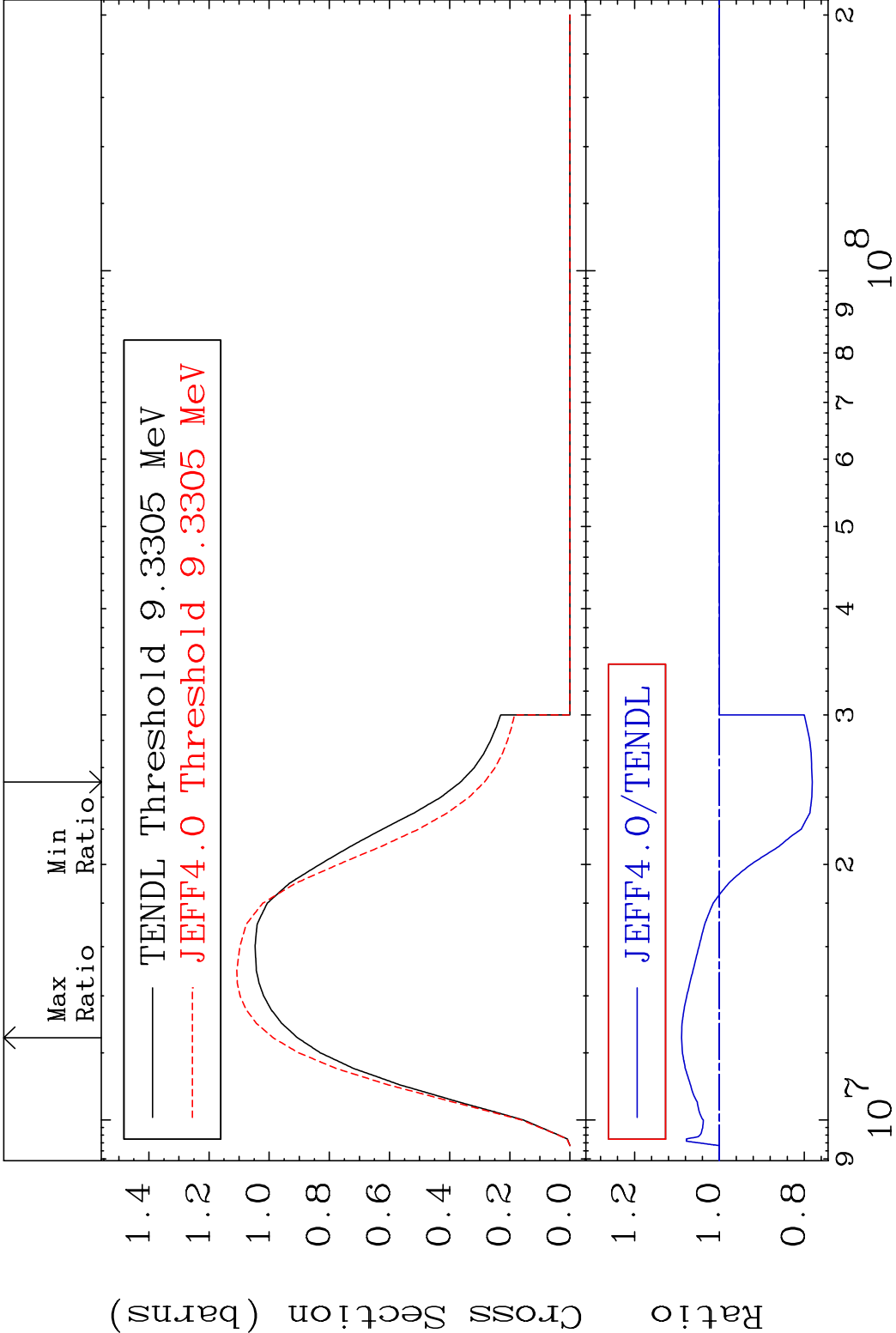


MAT 5125 Dpa disappearance (mt102 -120) 51-Sb-121
 Cross Section 0.000 To 120.0 %



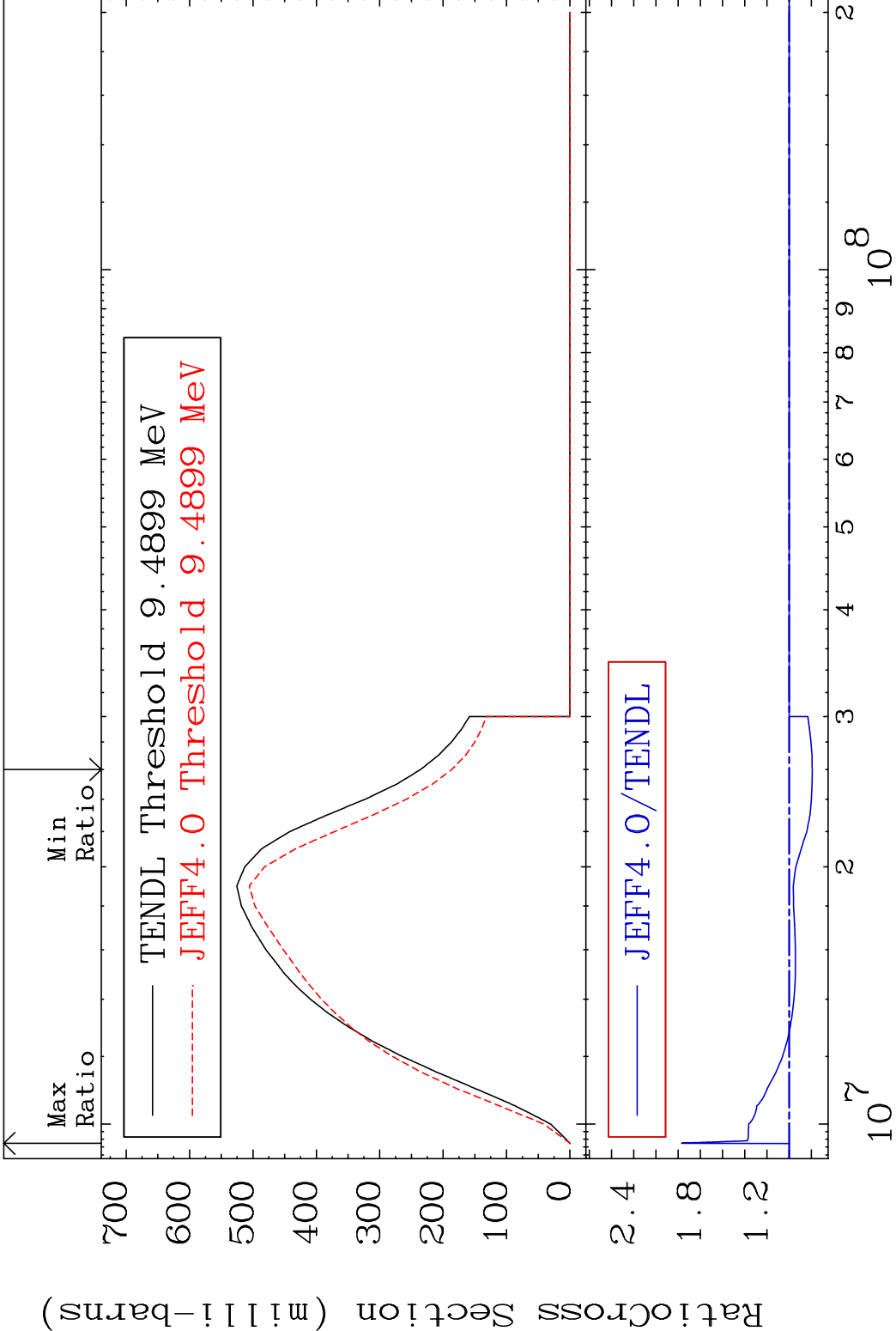
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

78 Incident Energy (eV) 51-Sb-121

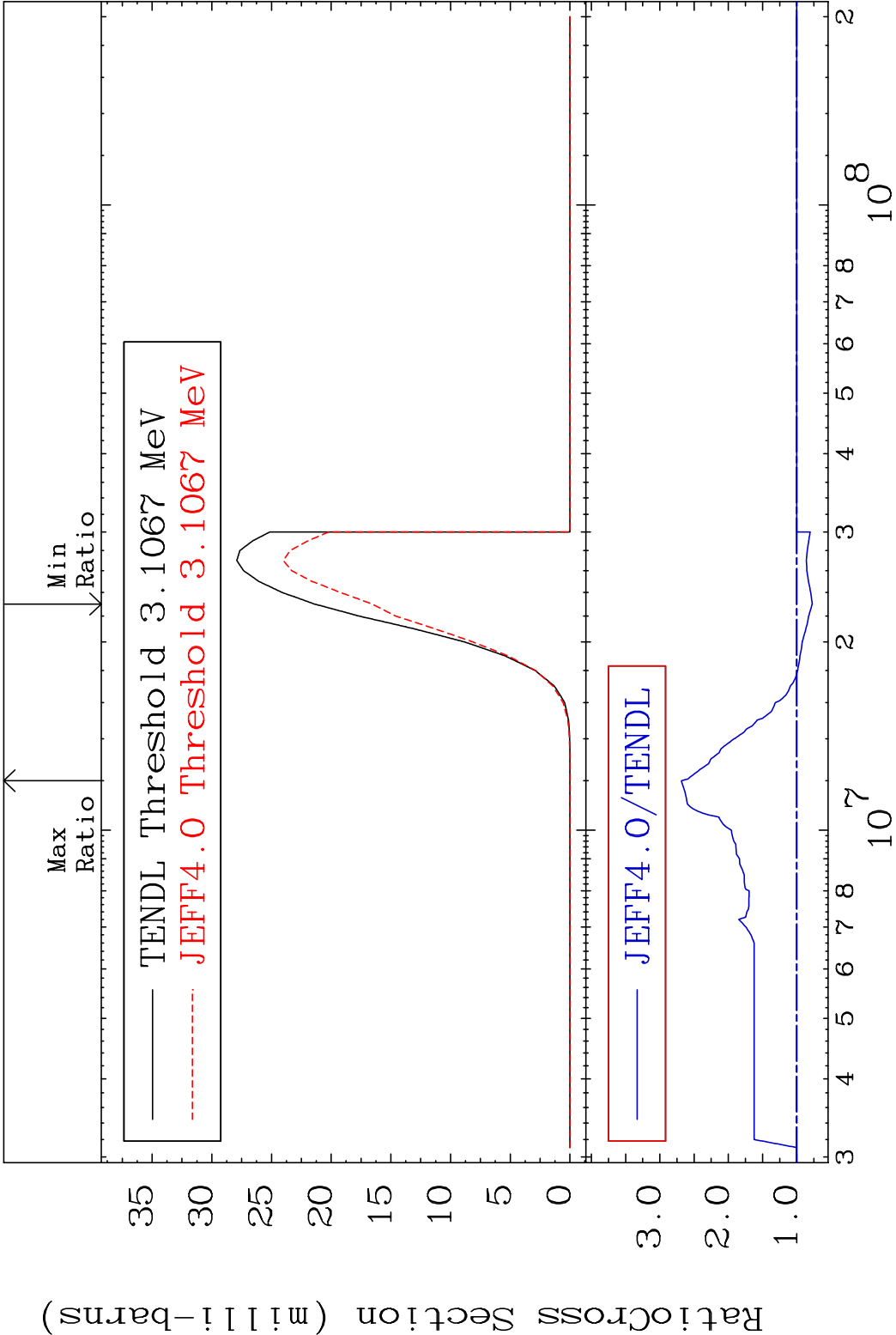


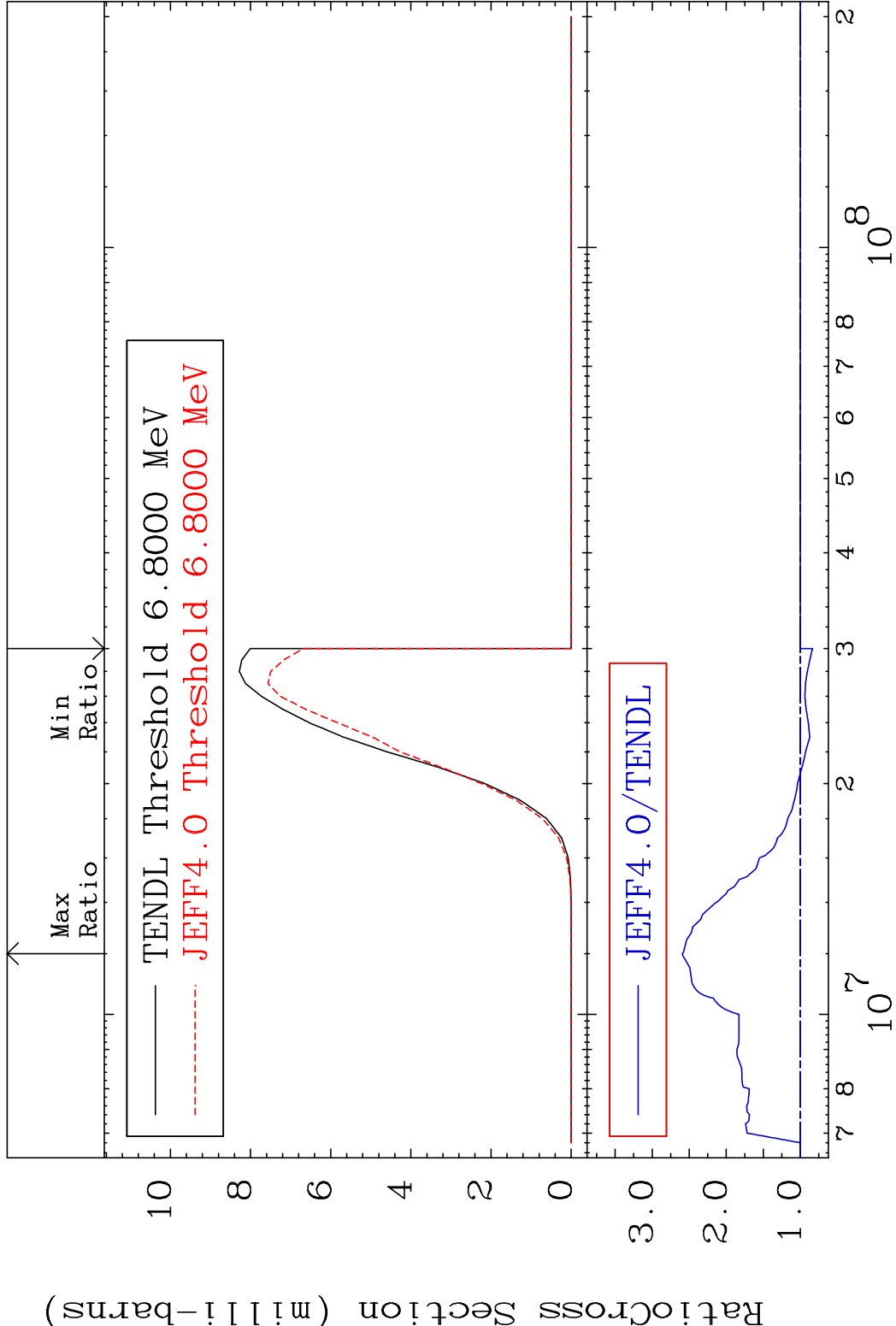
MAT 5125 (n,2n):51-Sb-120m4 51-Sb-121

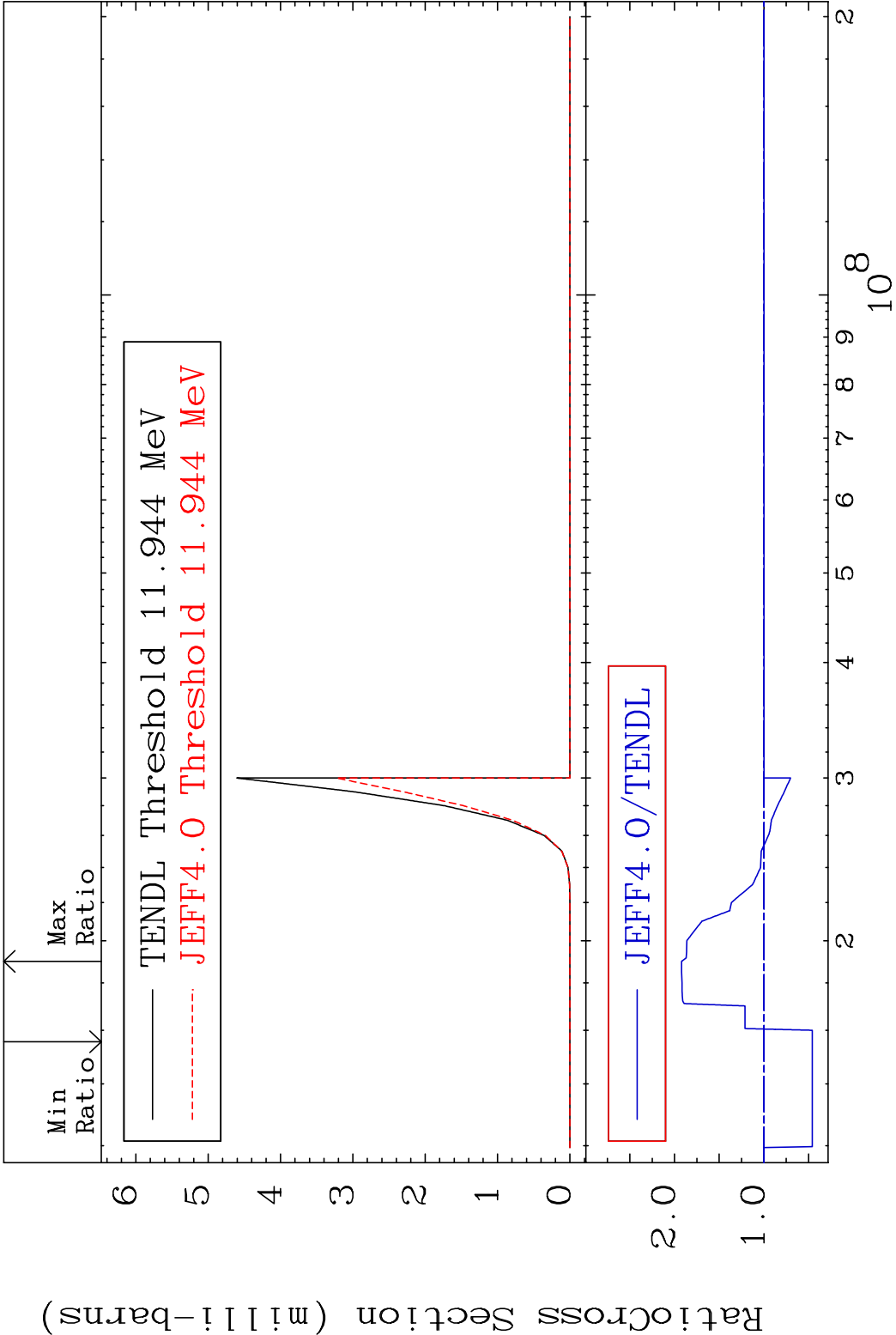
Radionuclide Production Cross Section to 96.88 %

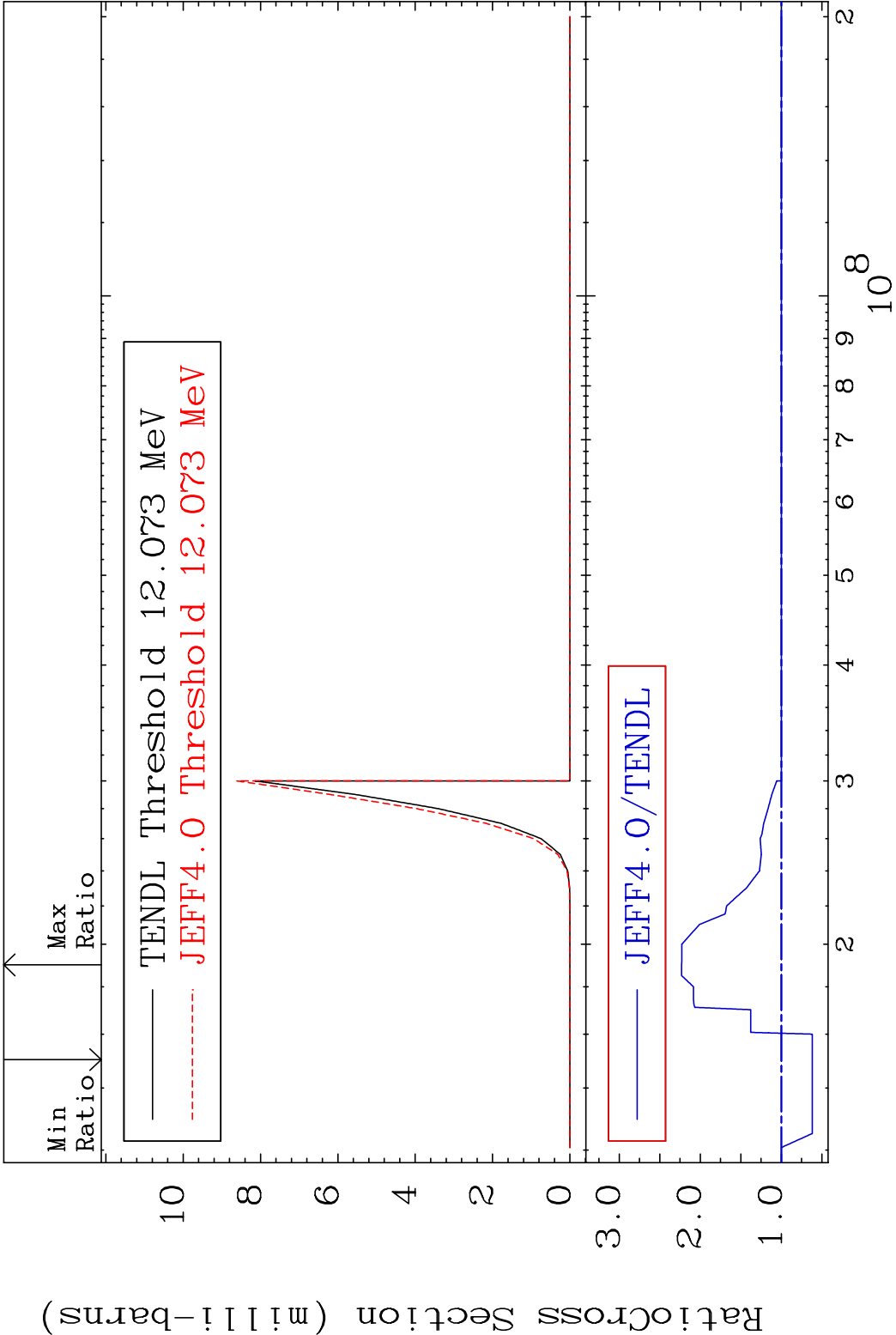


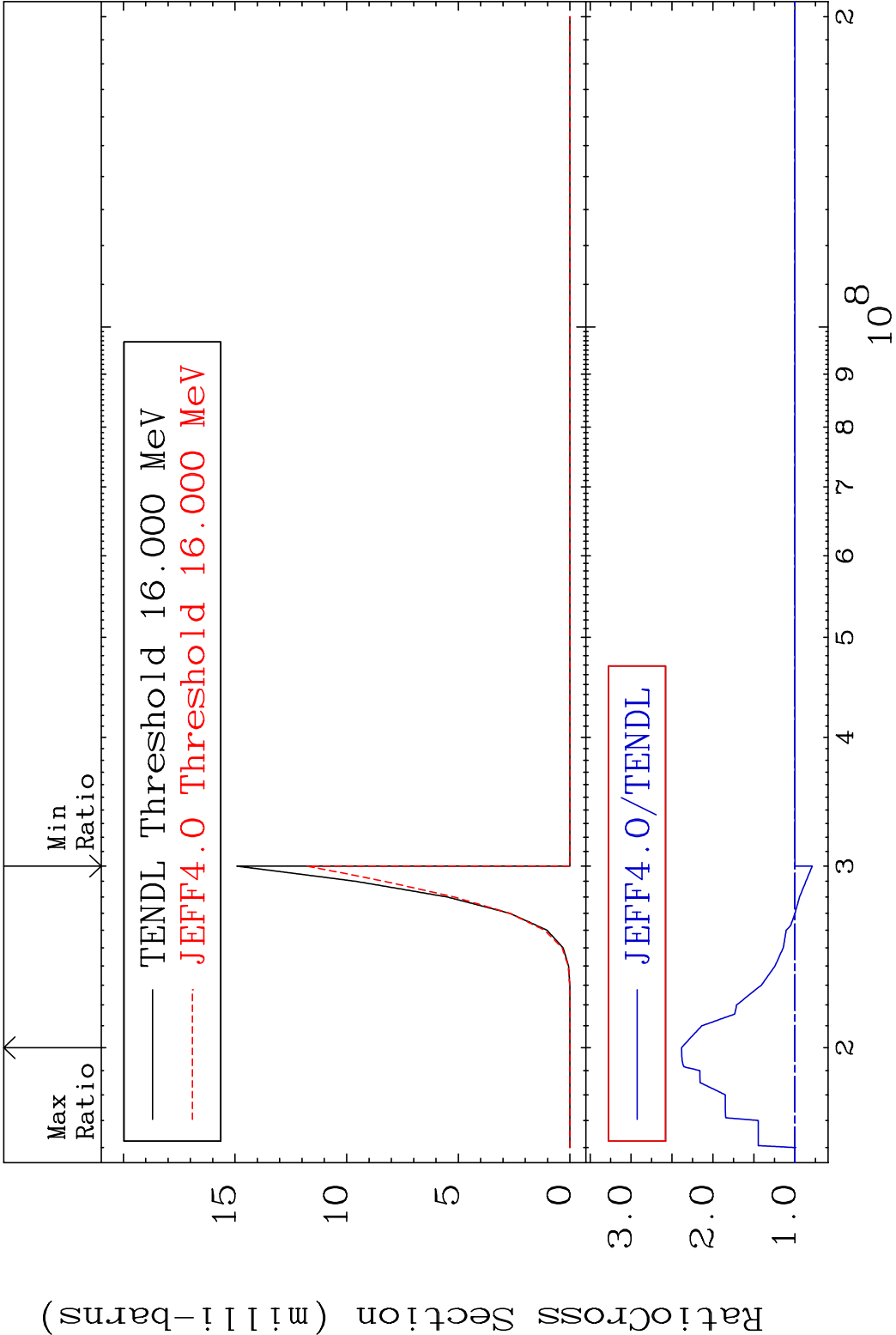
80 Incident Energy (eV) 51-Sb-121

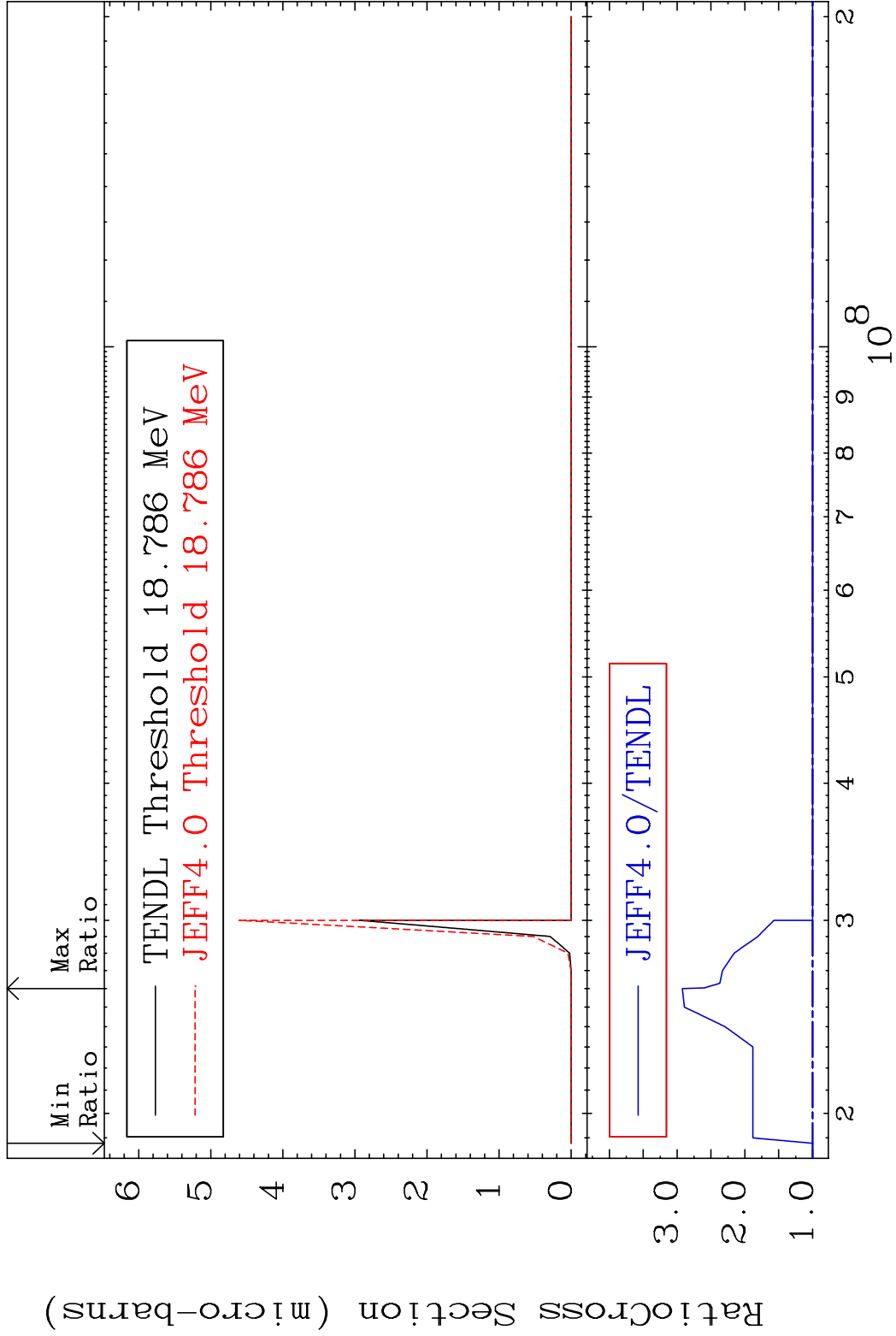


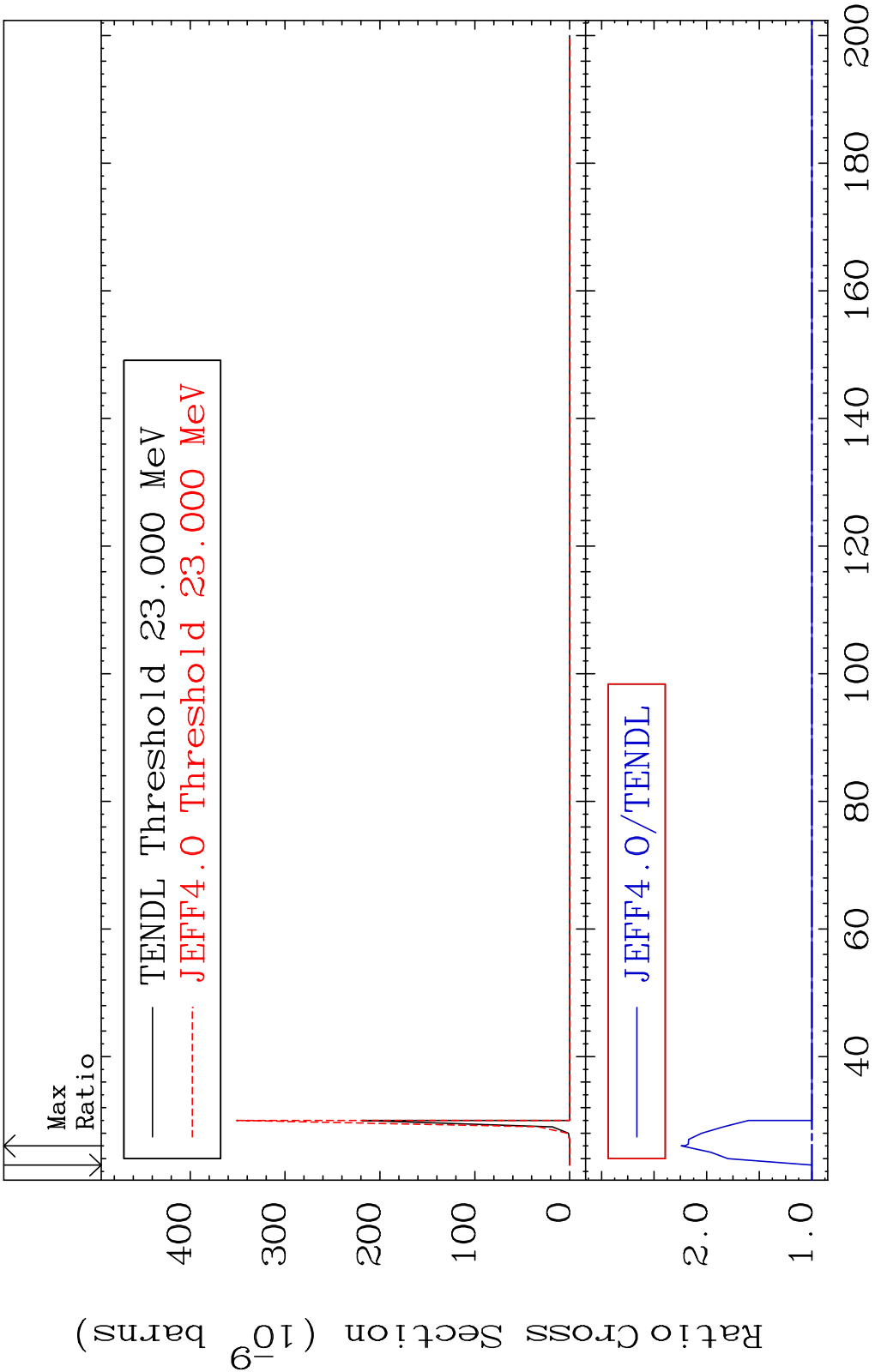


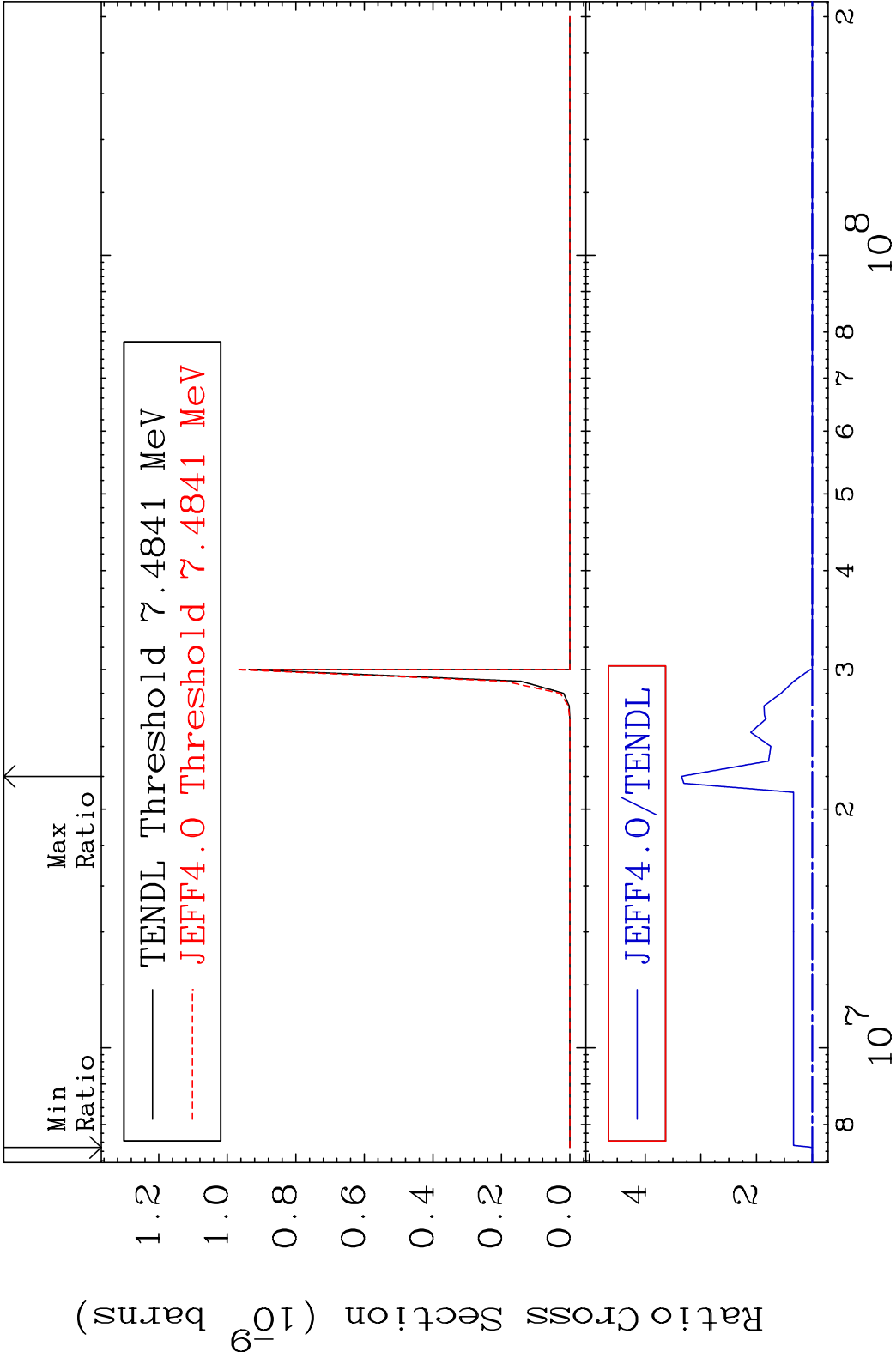


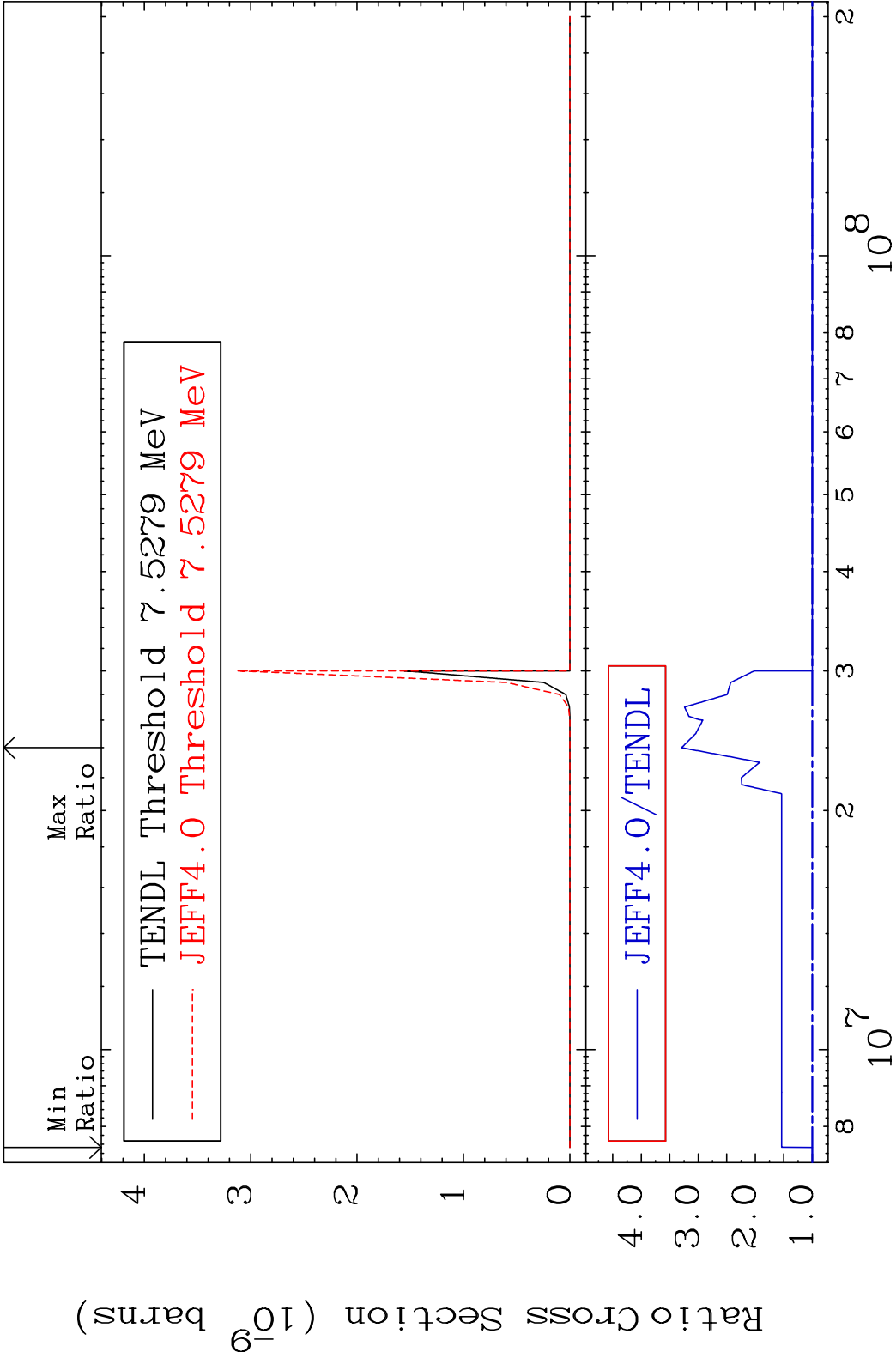


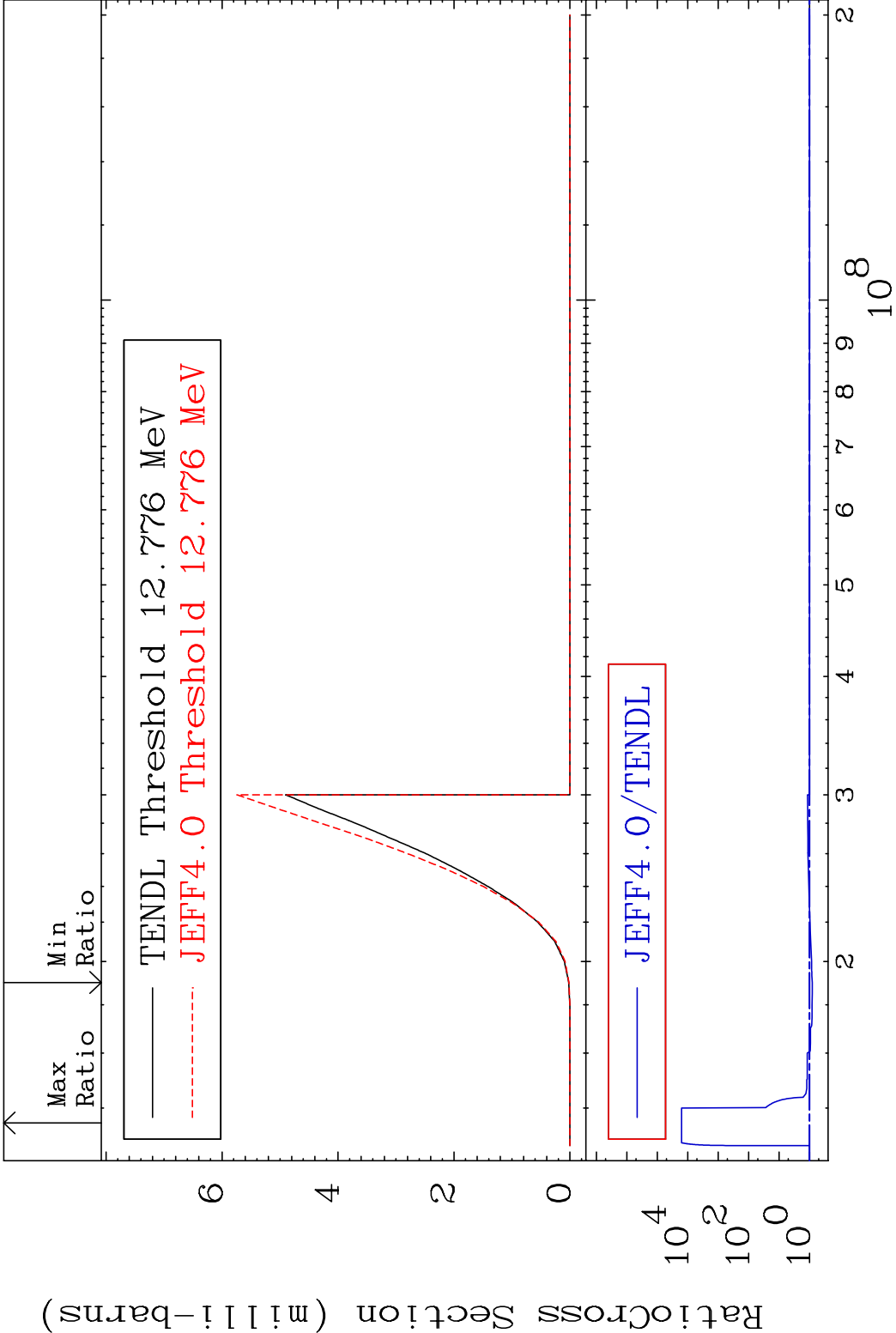


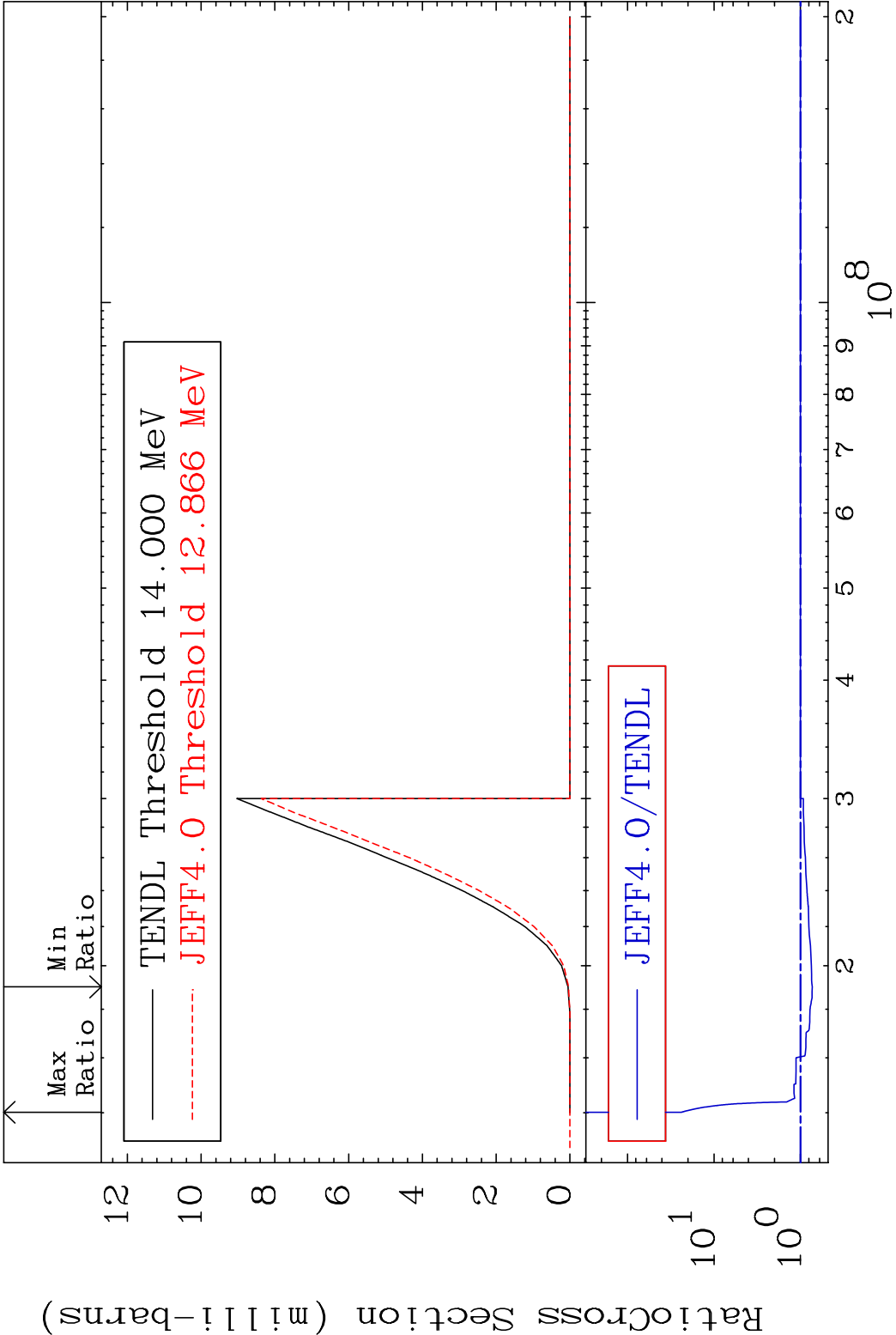


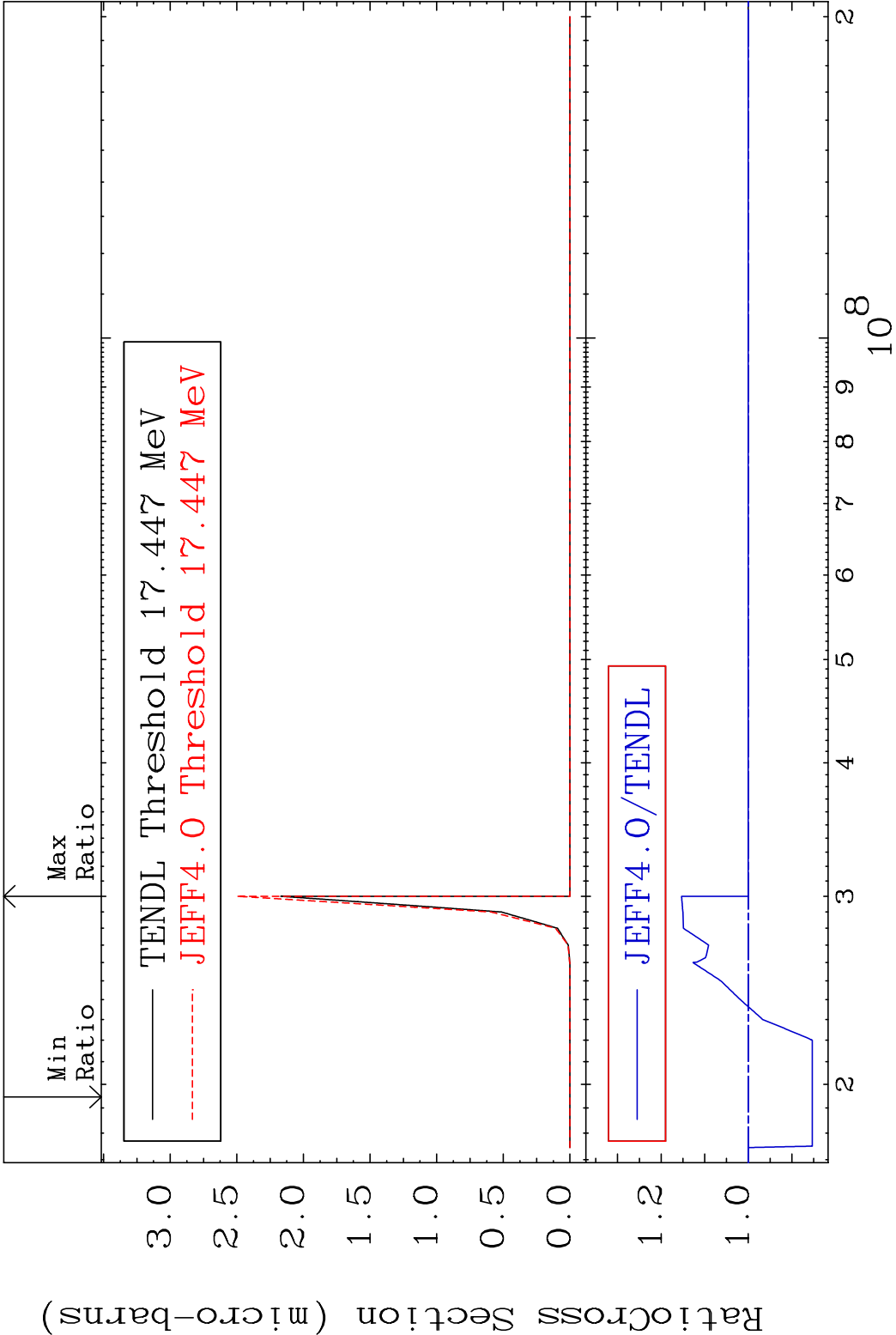


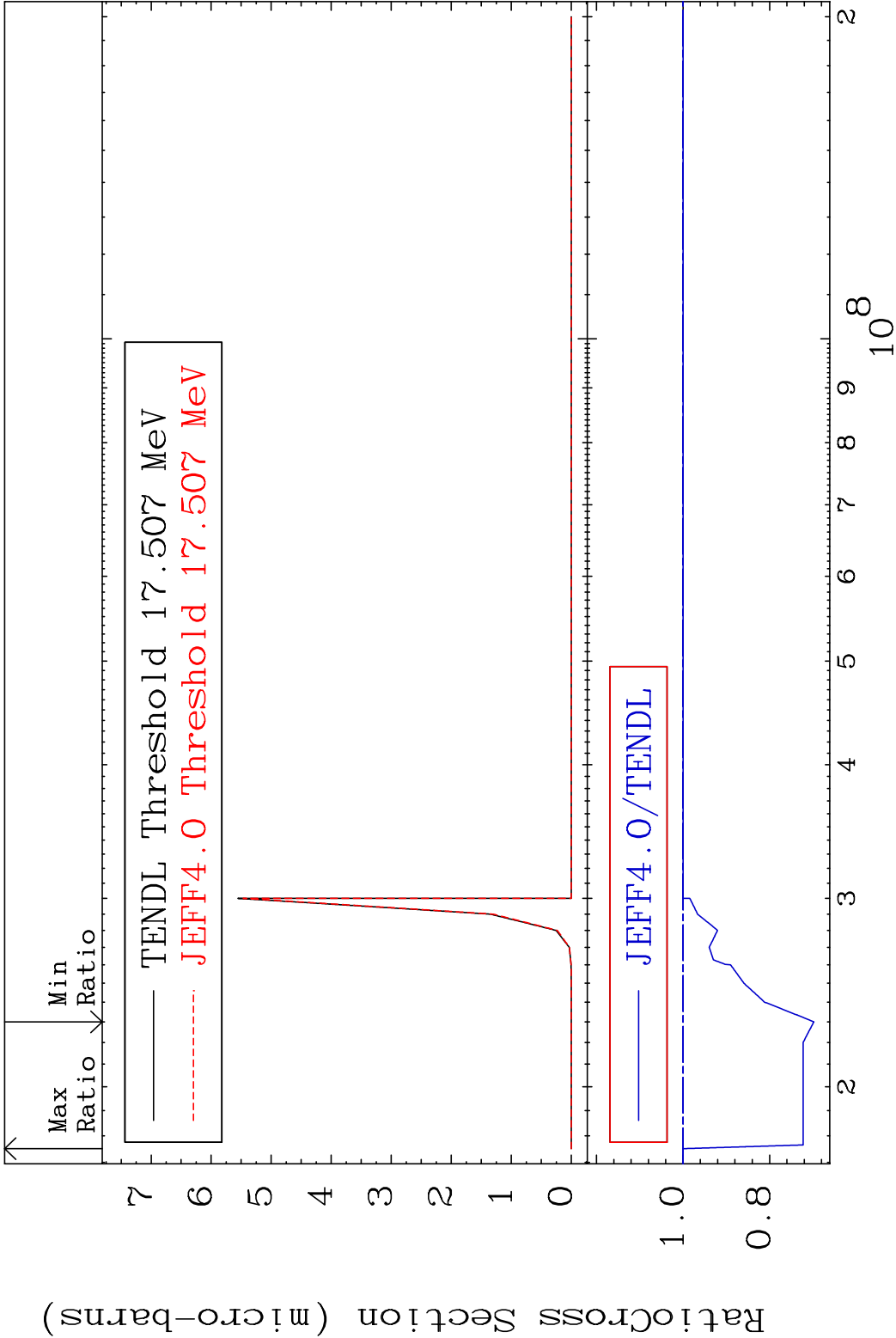


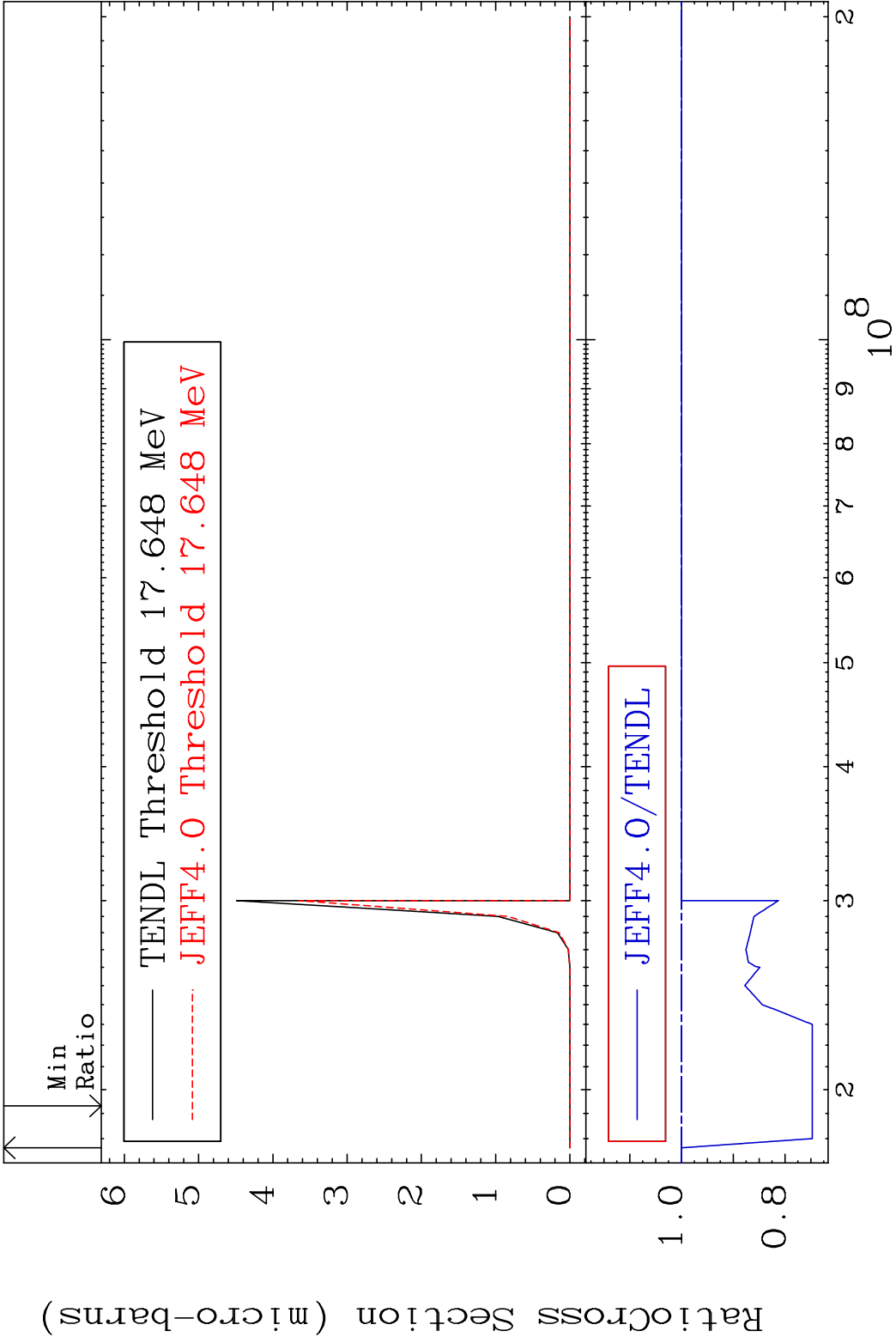


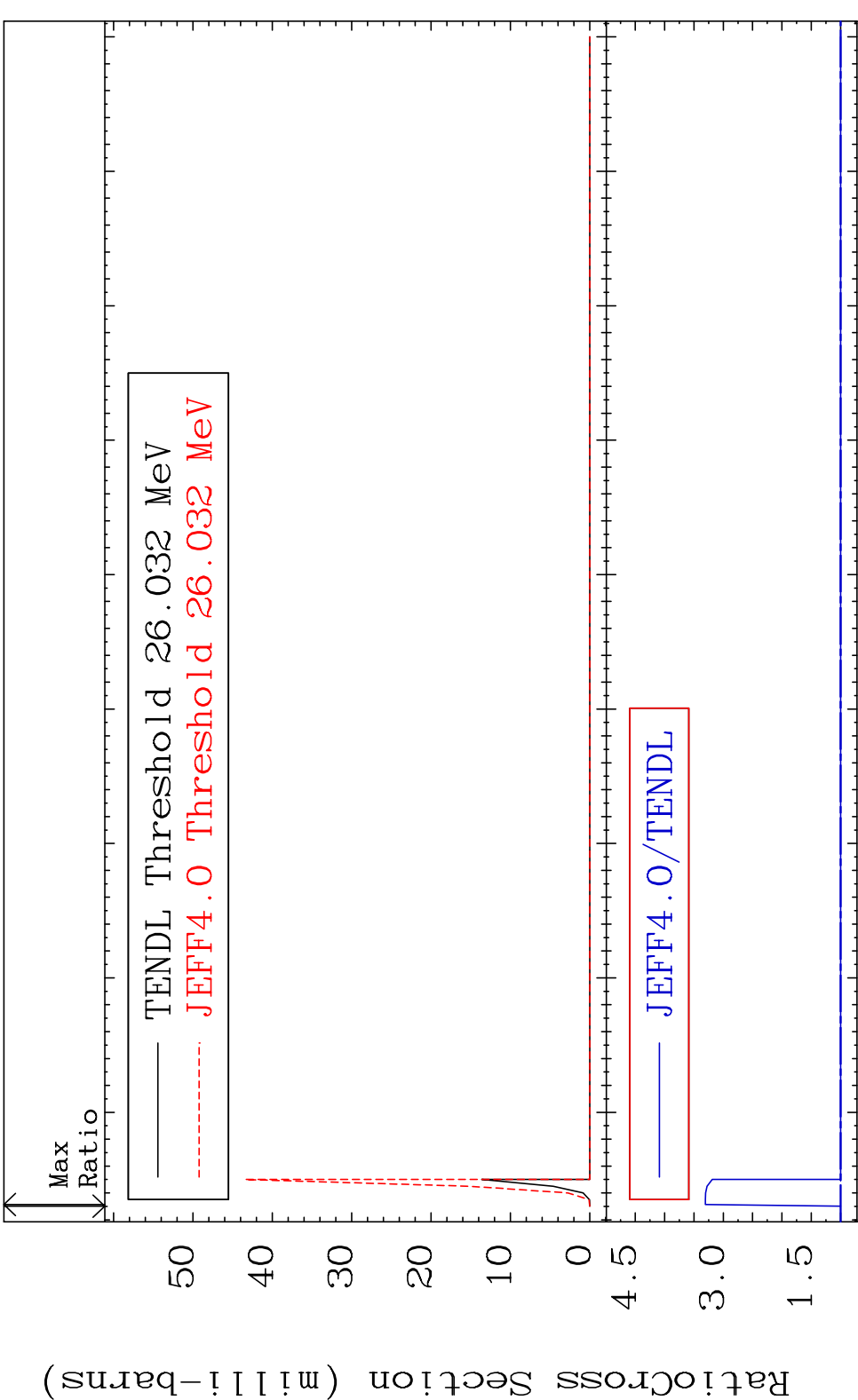


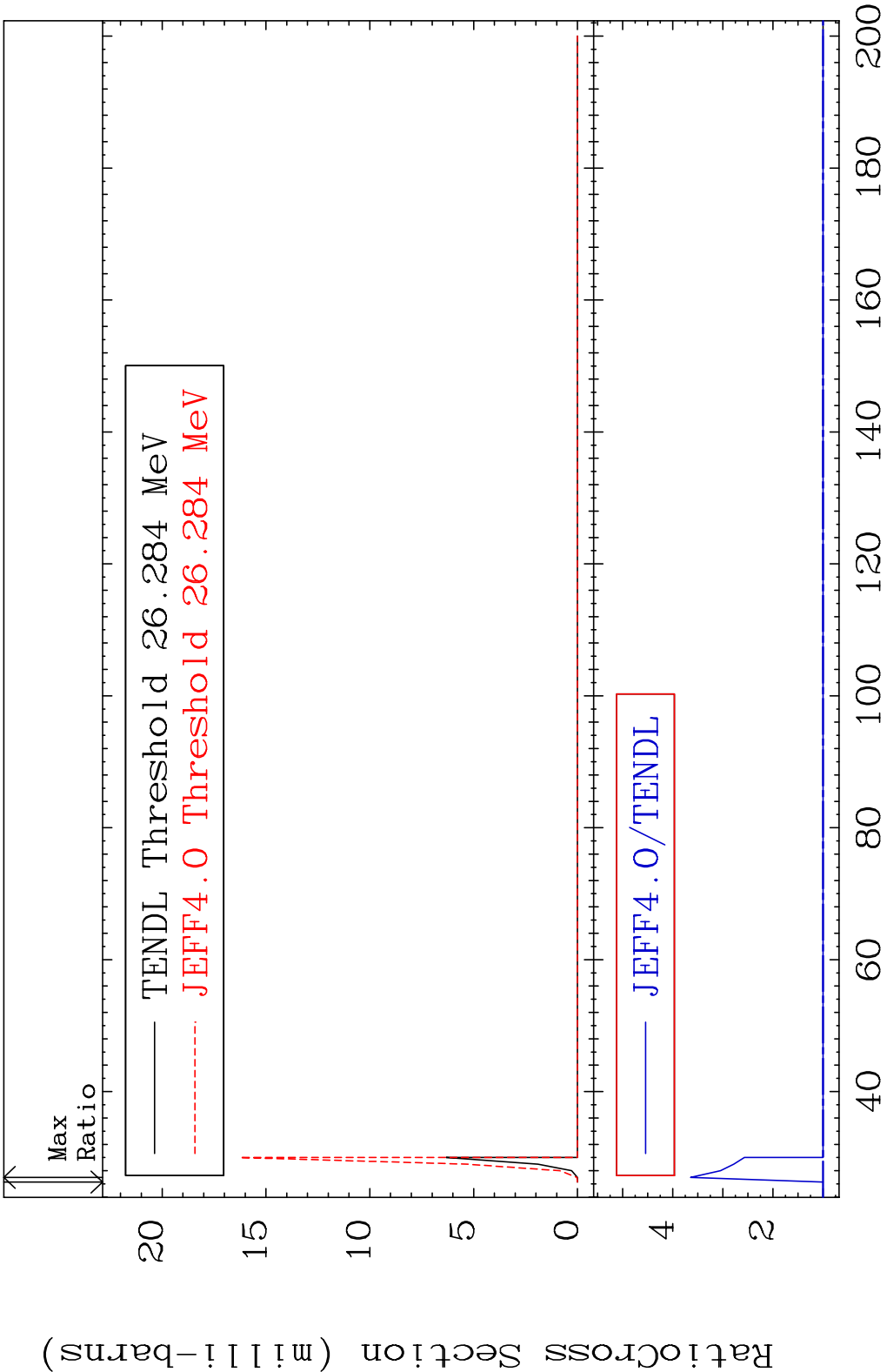


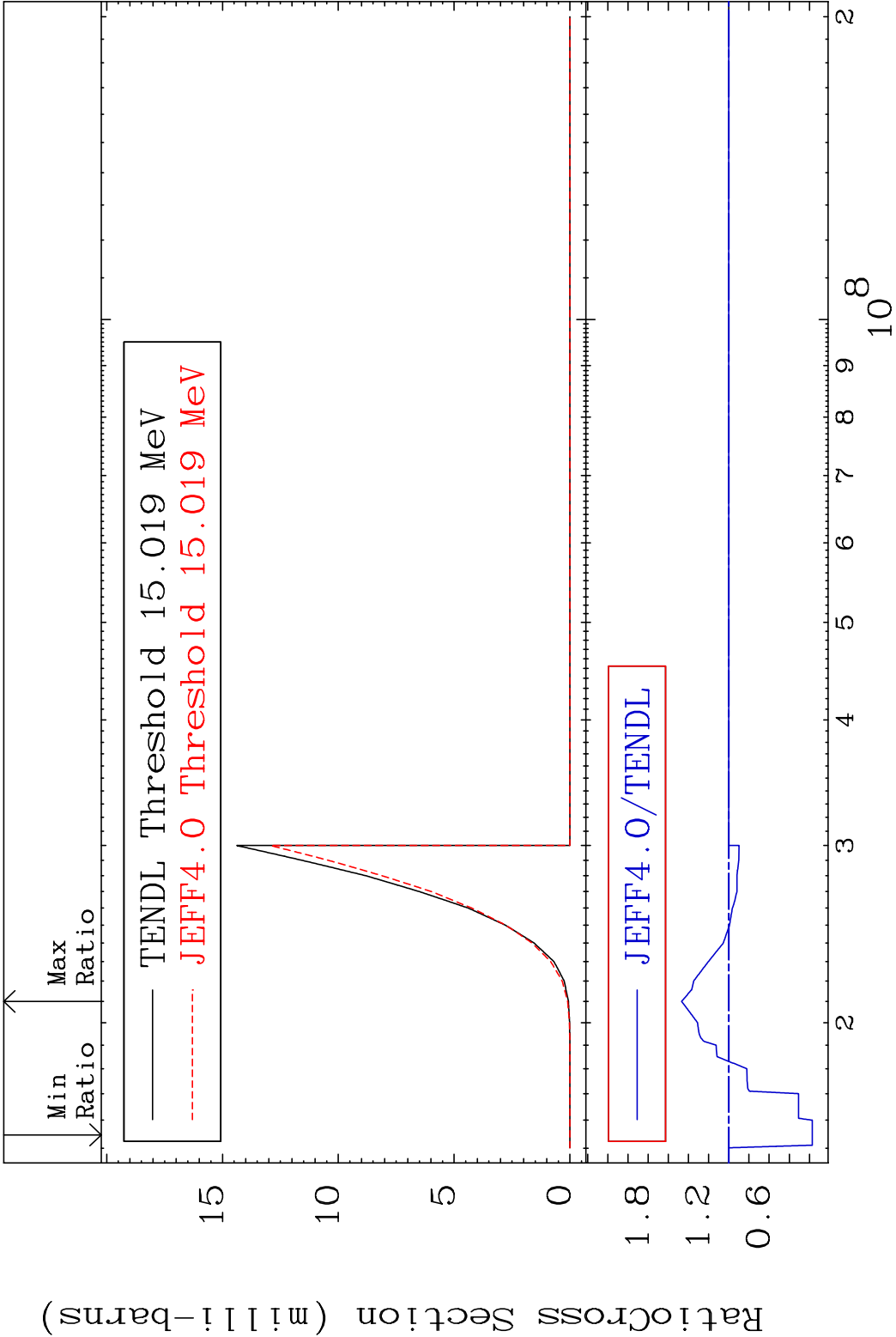


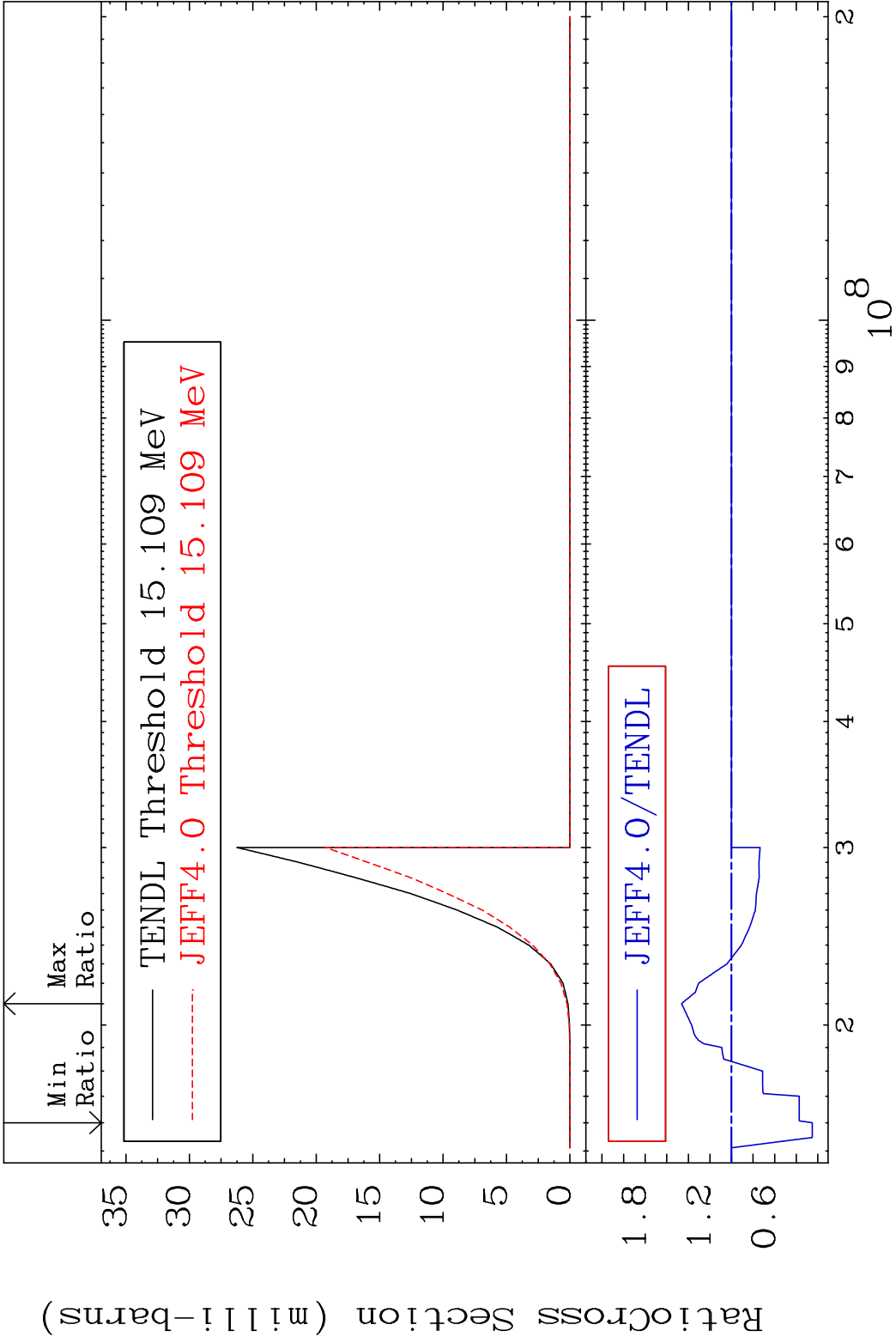


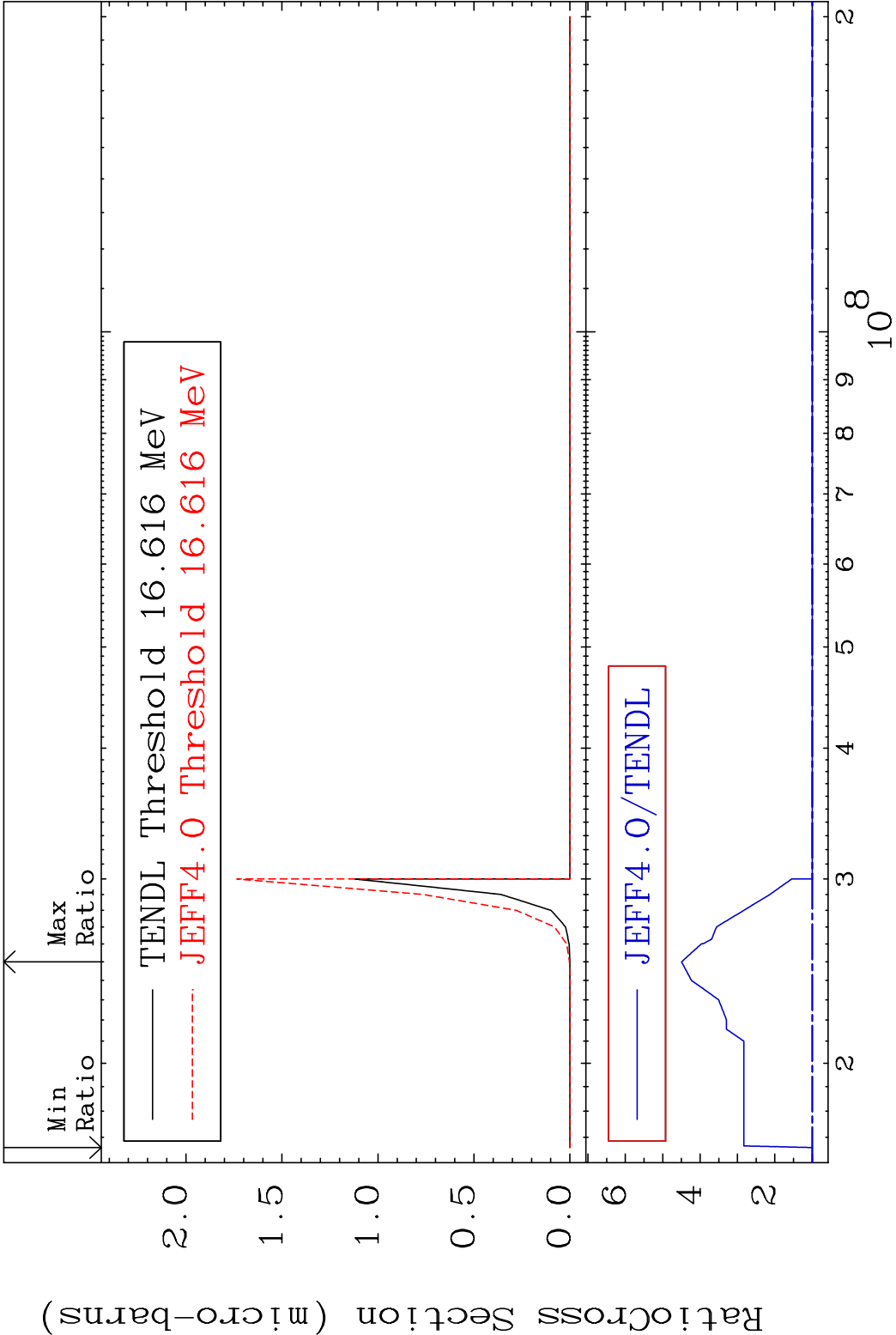


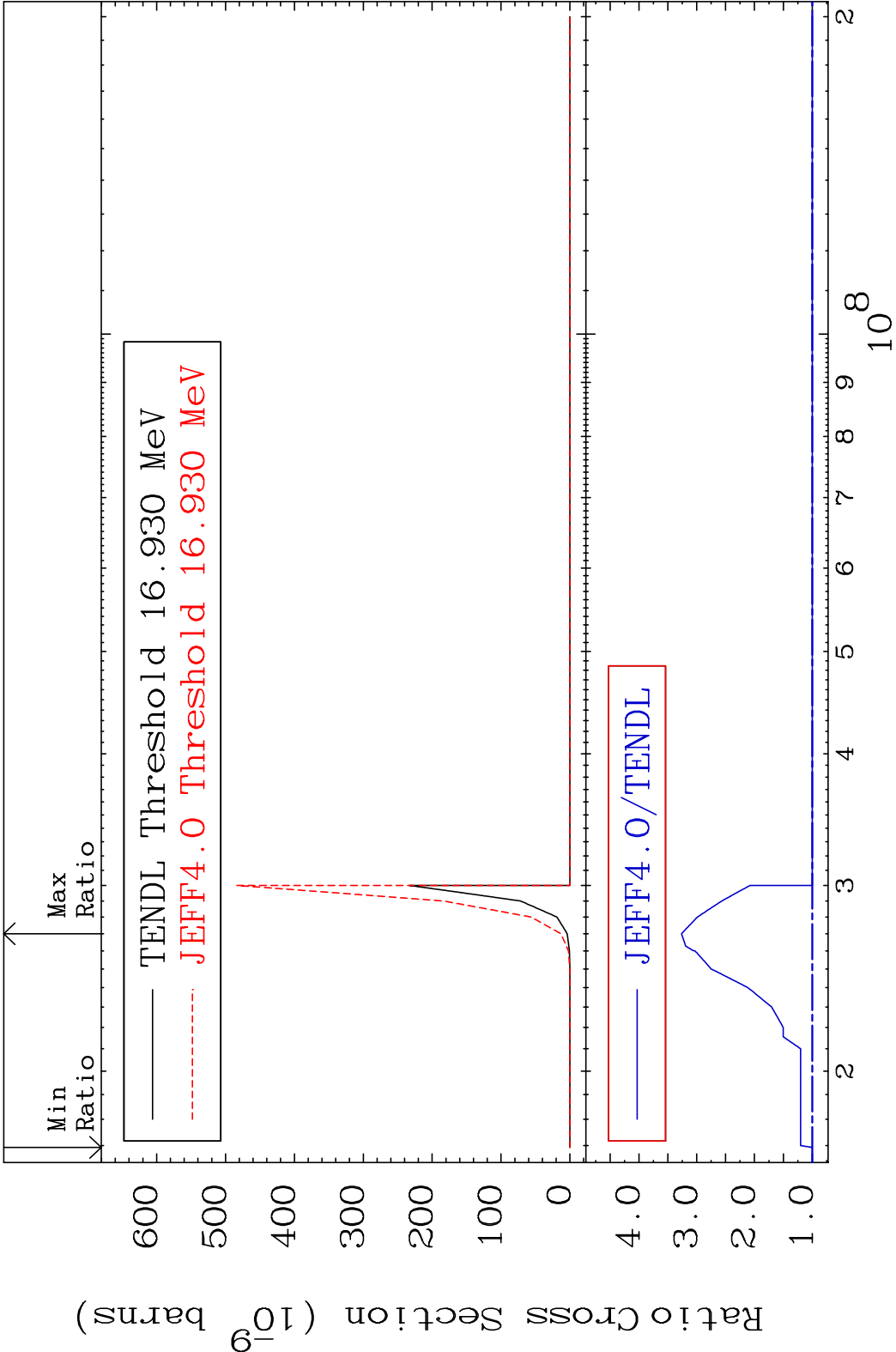


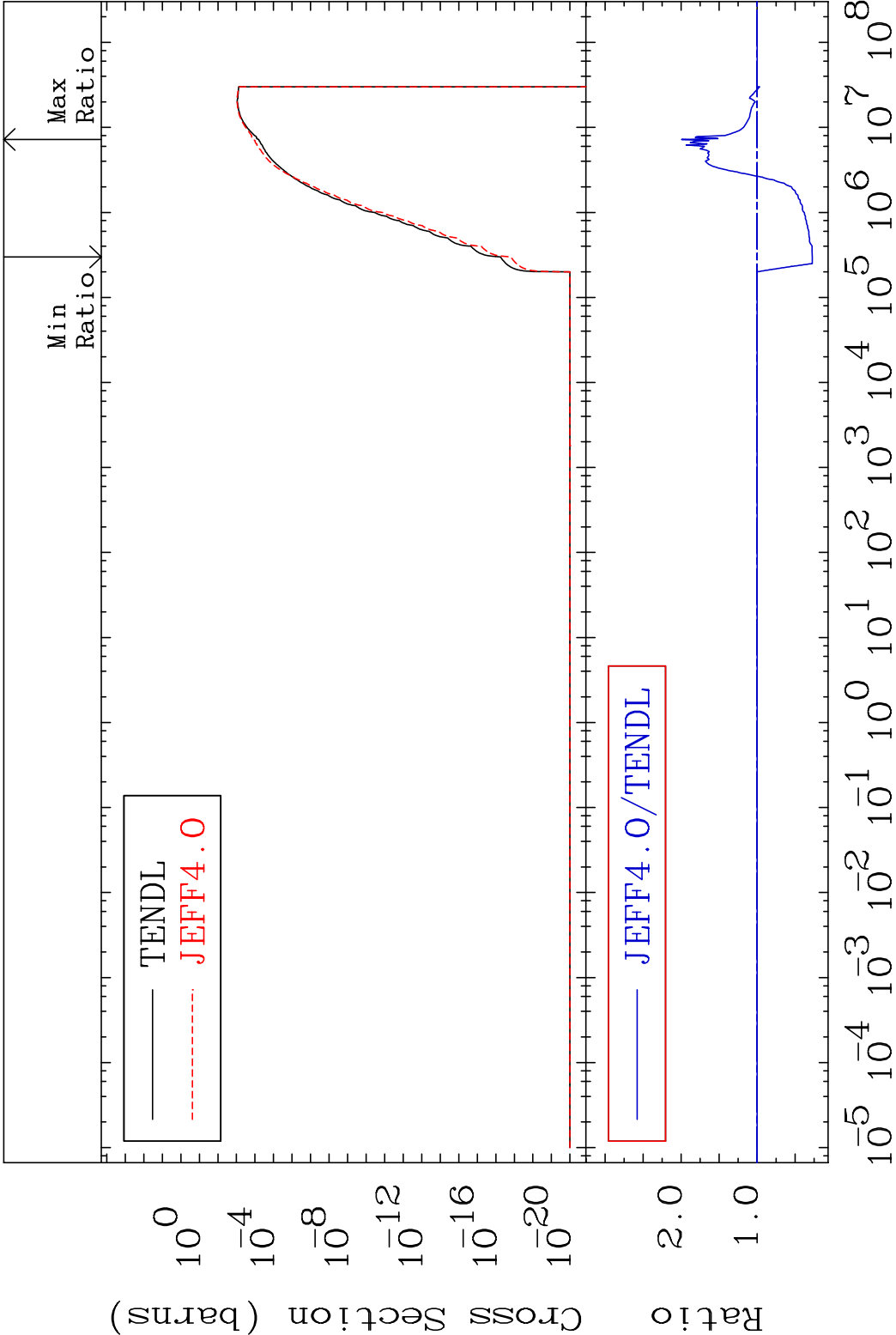


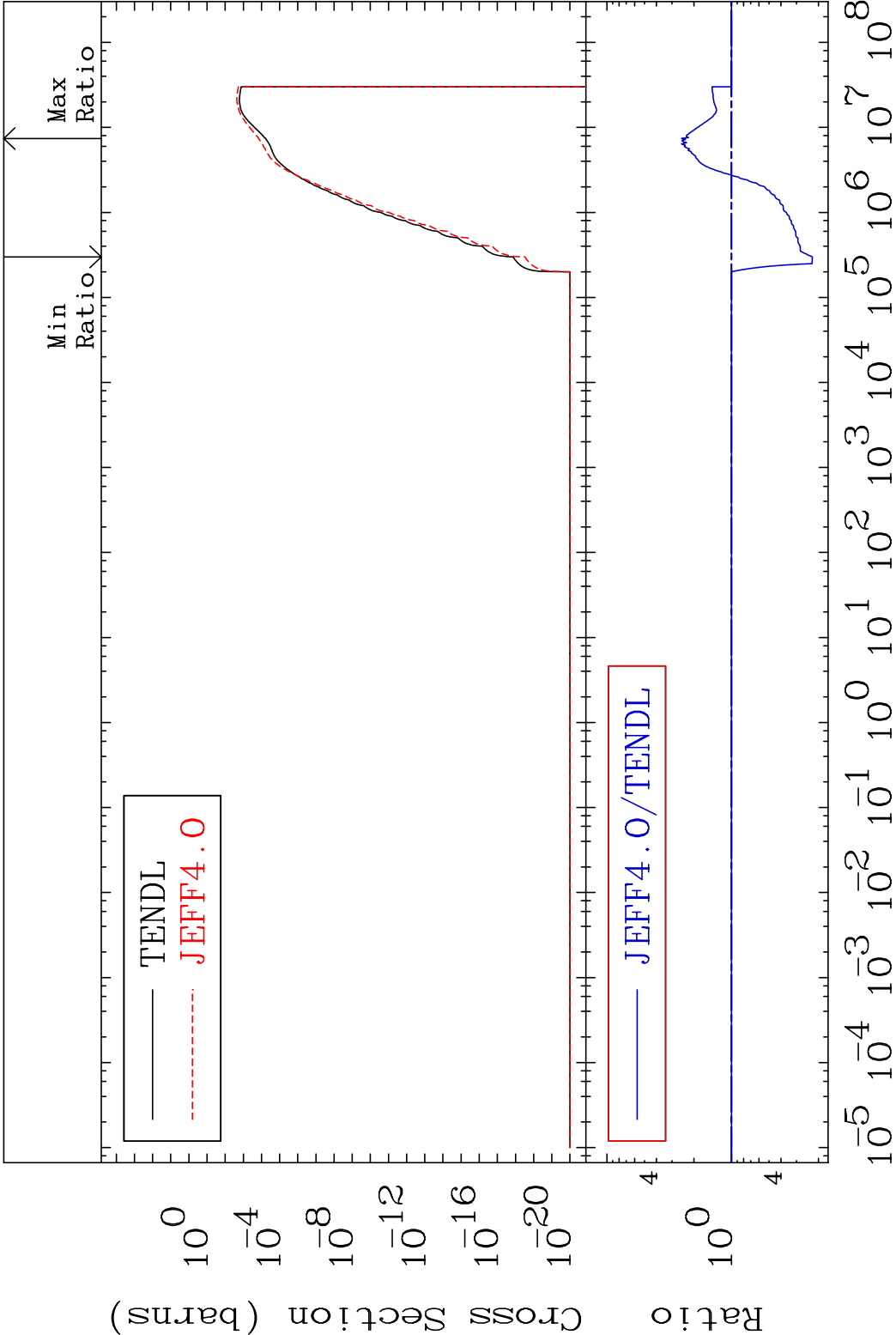


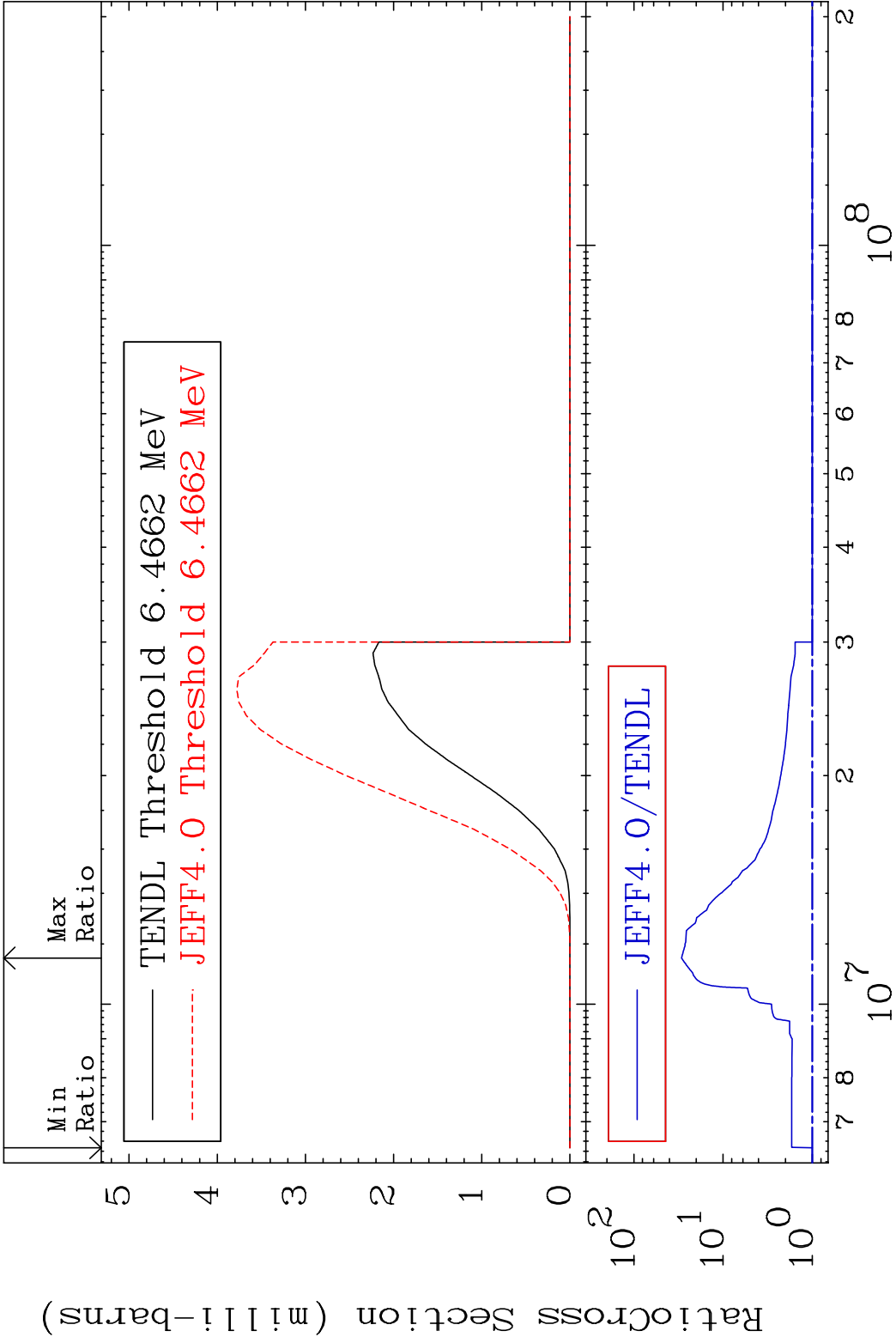


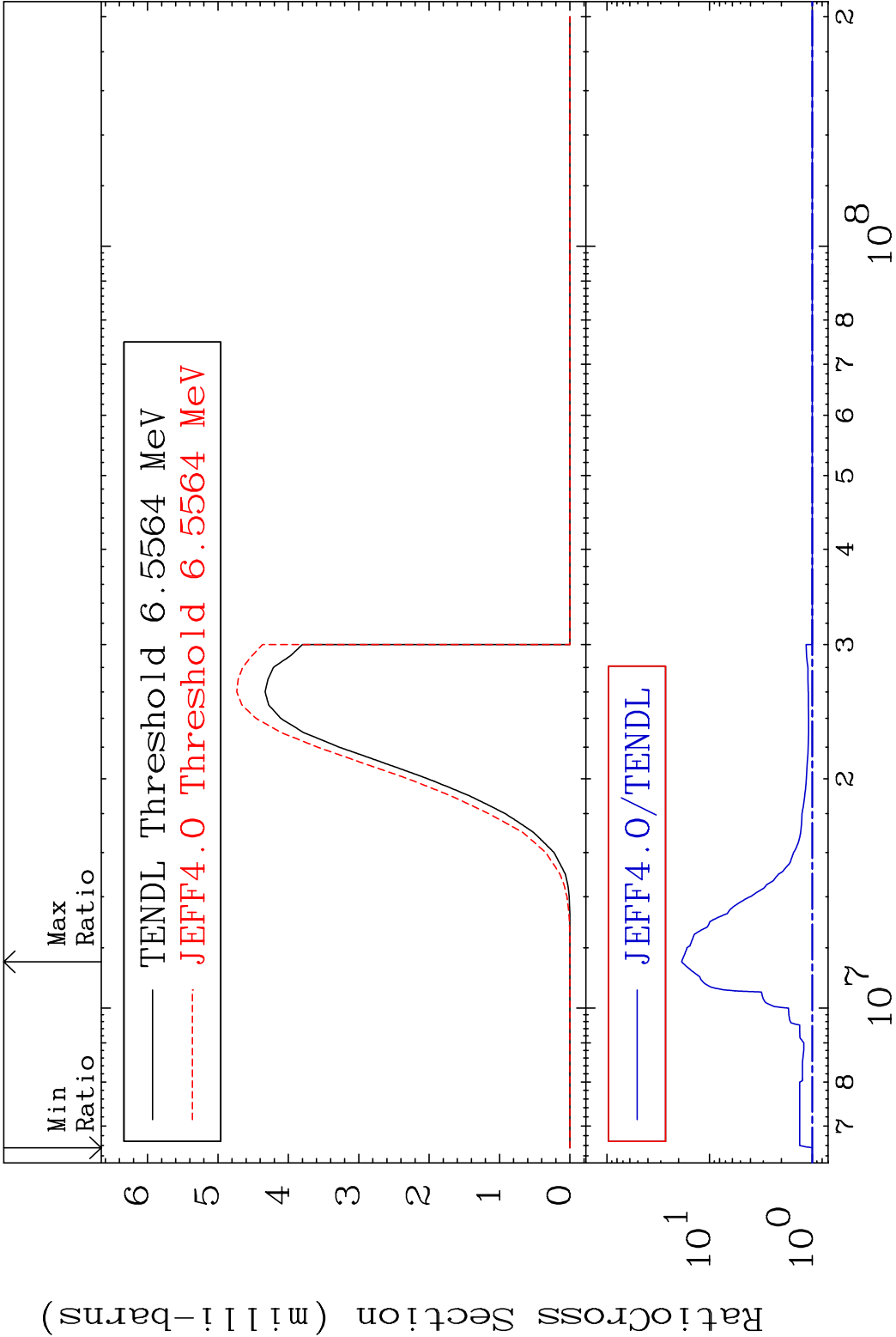


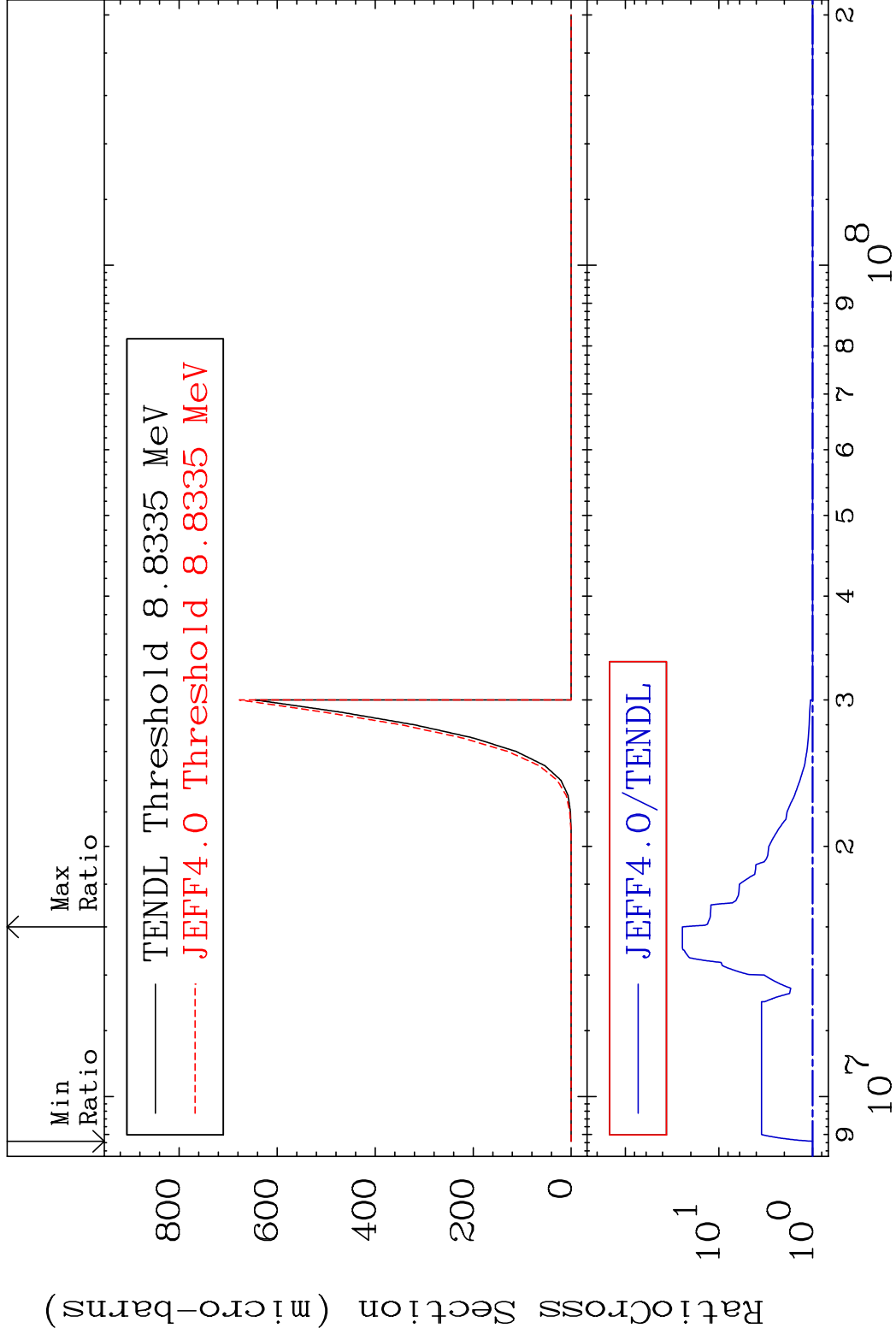












Radionuclide Production Cross Section

