

Program Complot
(Version 2021-1)

by

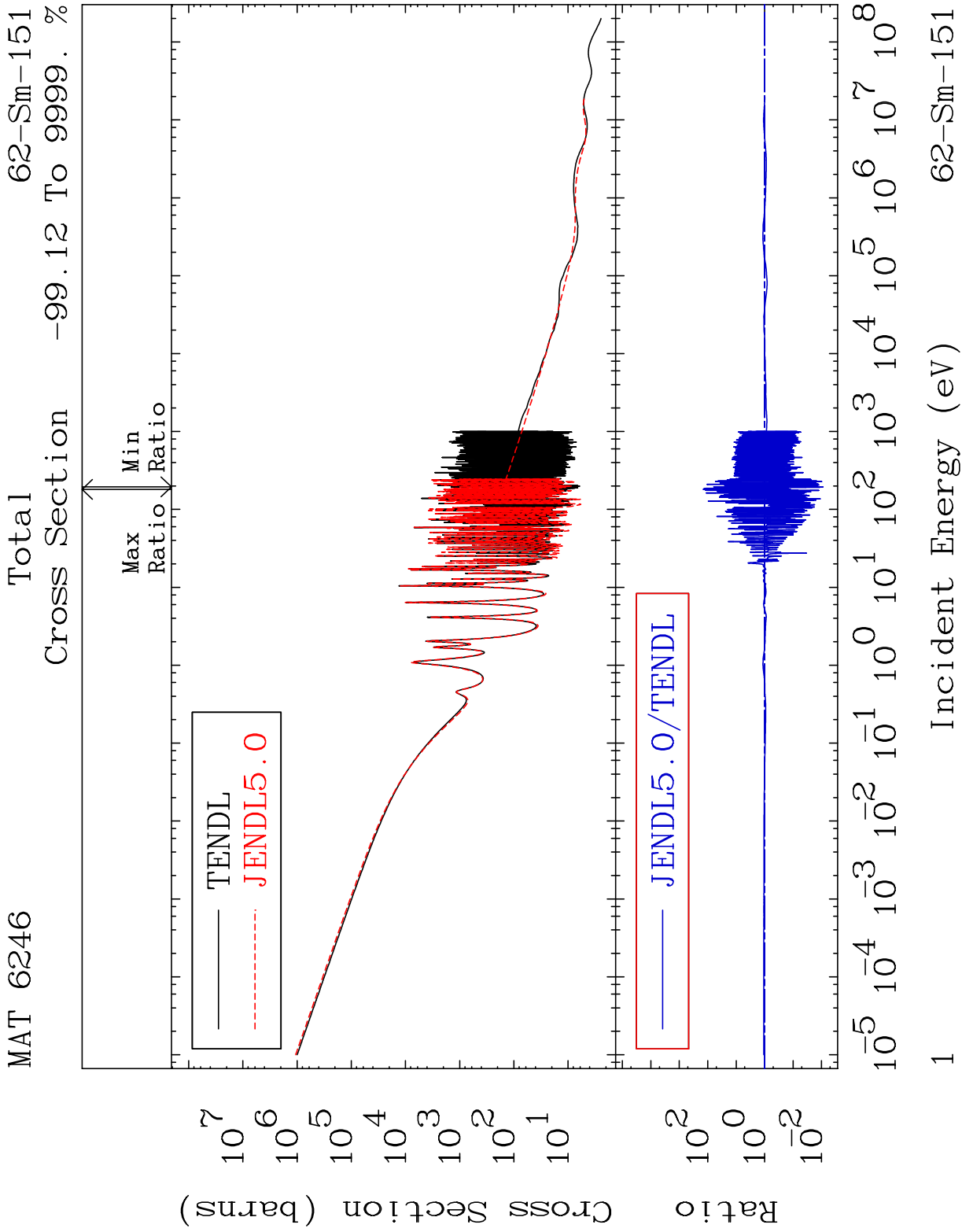
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(Present Contact Information)

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Press Mouse Button to Start

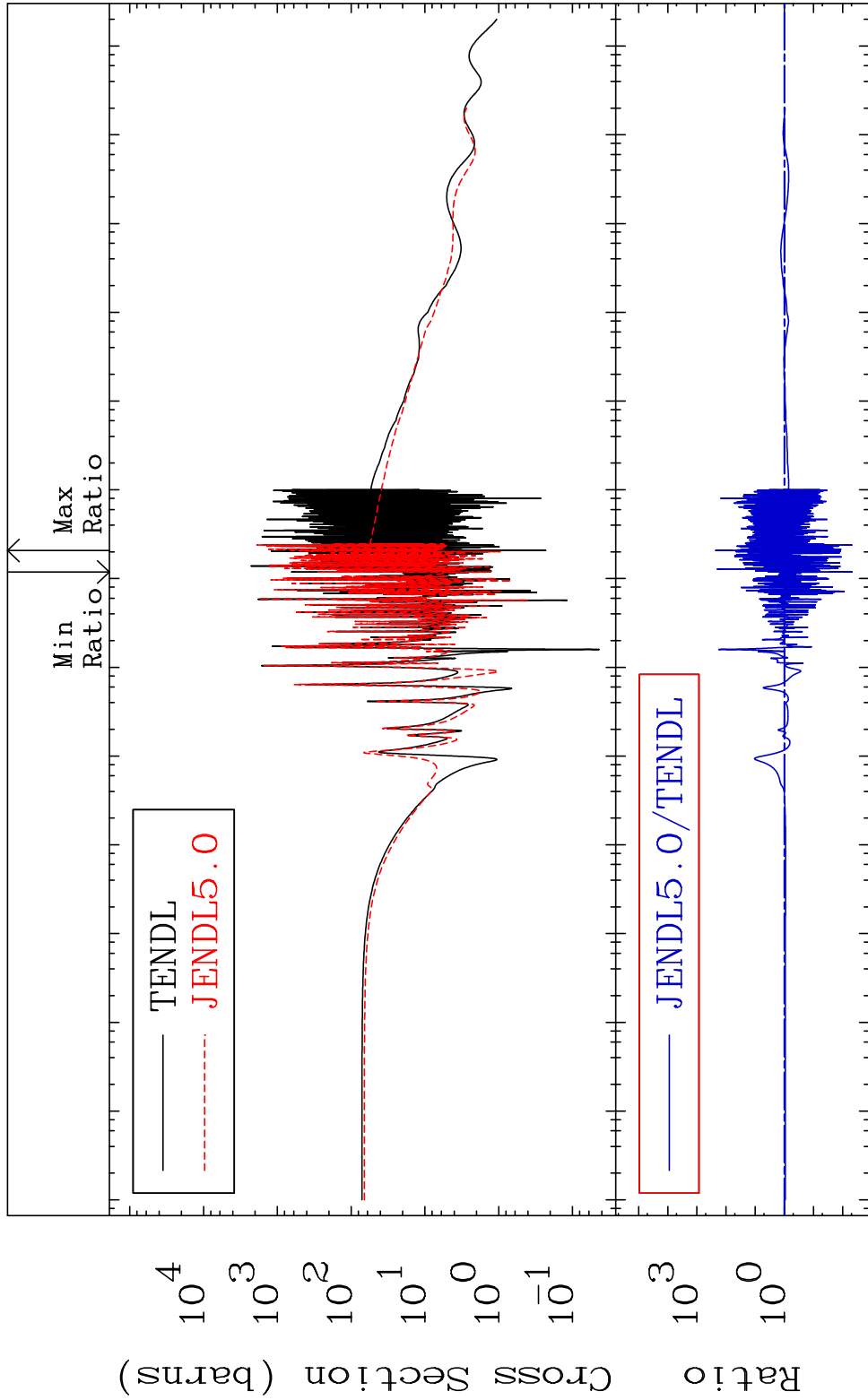


MAT 6246

Elastic

62-Sm-151

Cross Section -99.53 To 9999. %

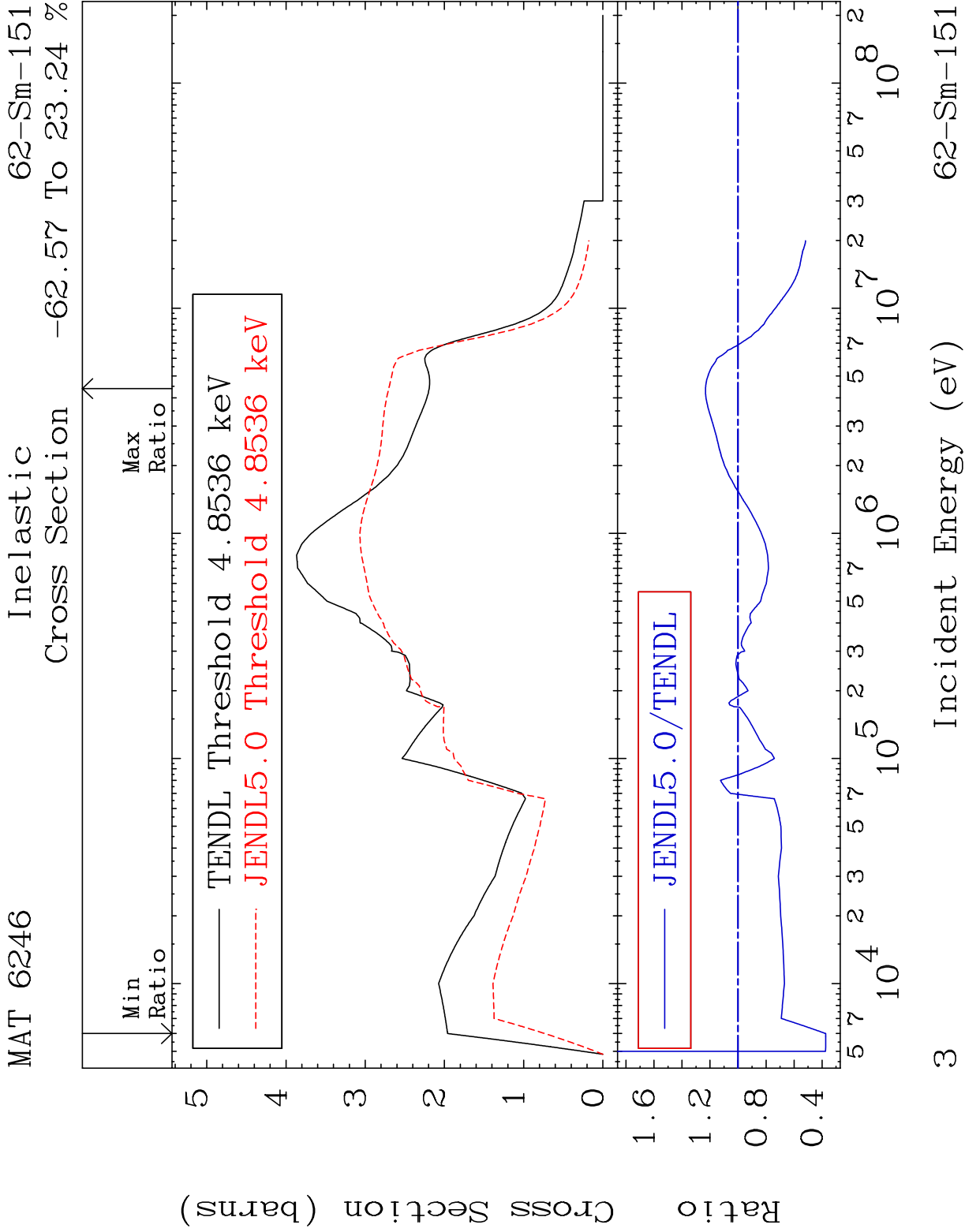


10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

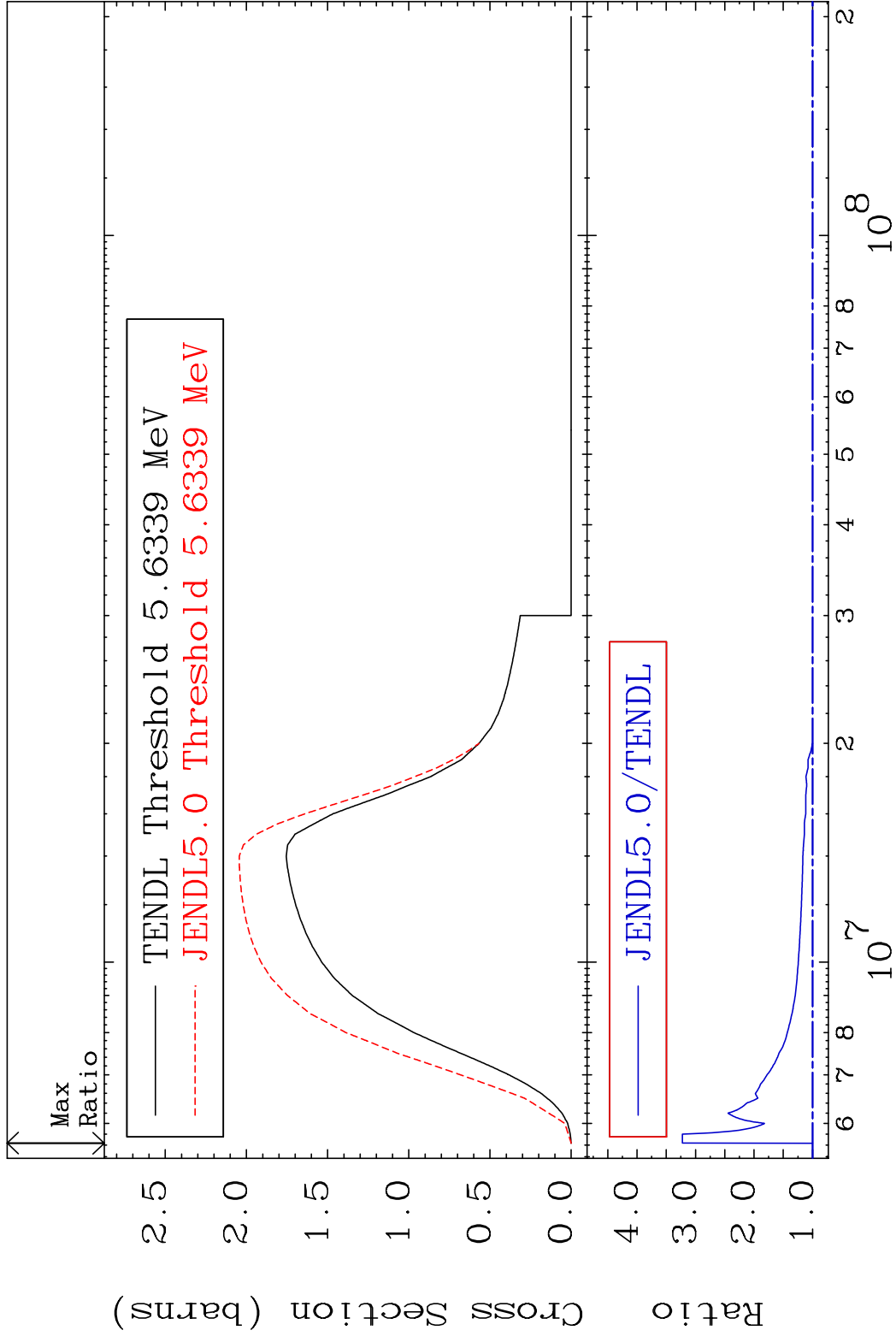
2

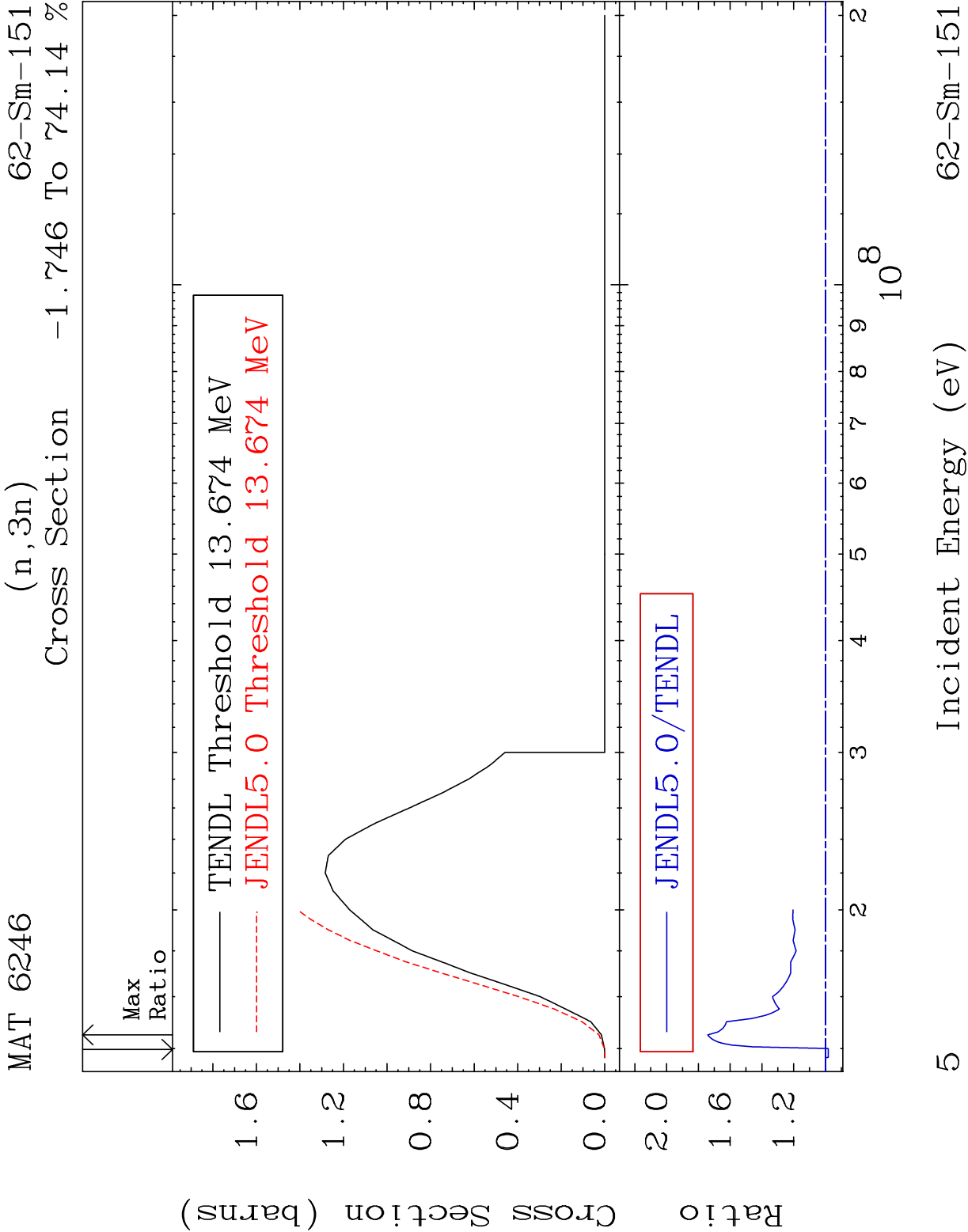
Incident Energy (eV)

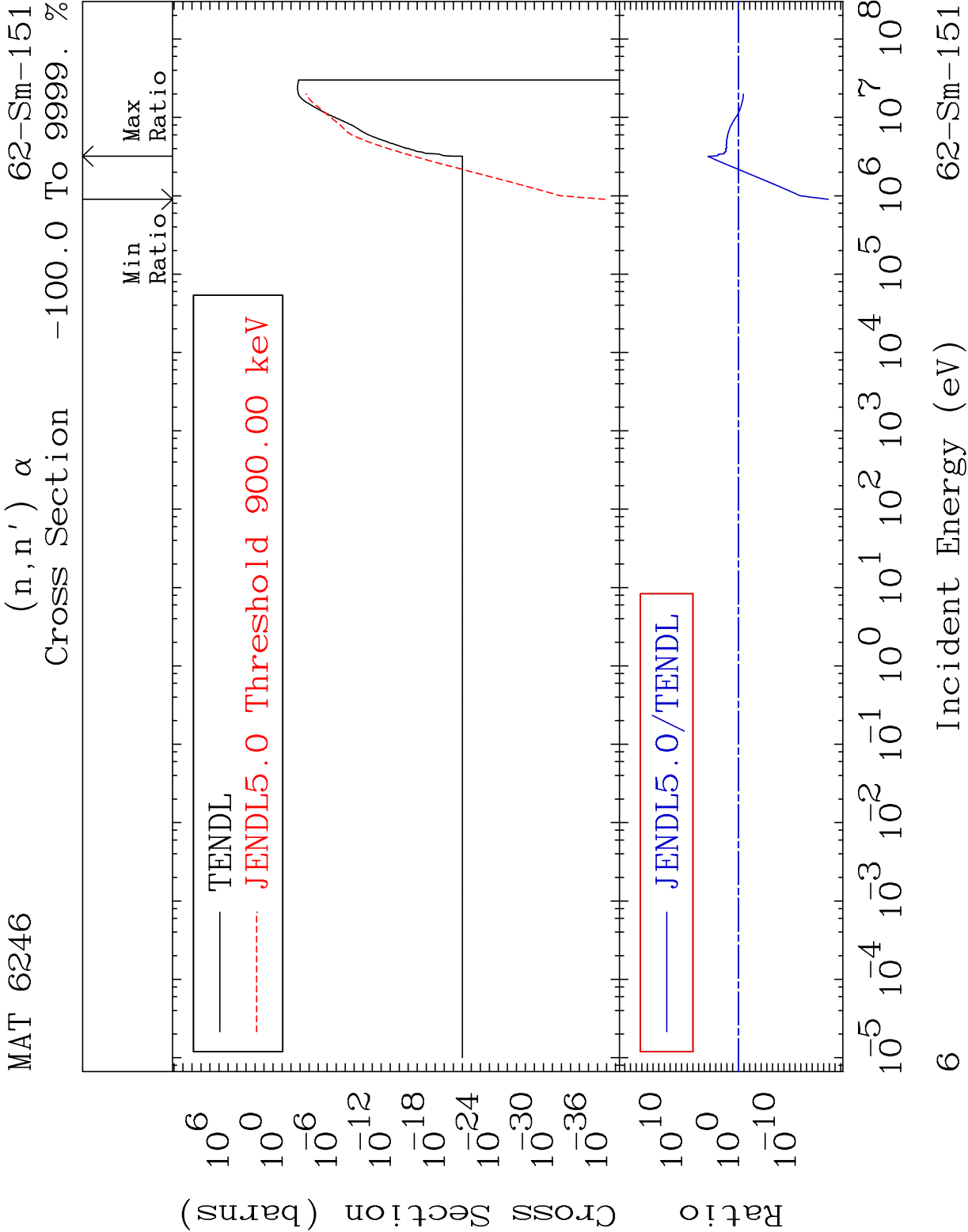
62-Sm-151



MAT 6246 (n,2n) 62-Sm-151
Cross Section 0.000 To 222.5 %





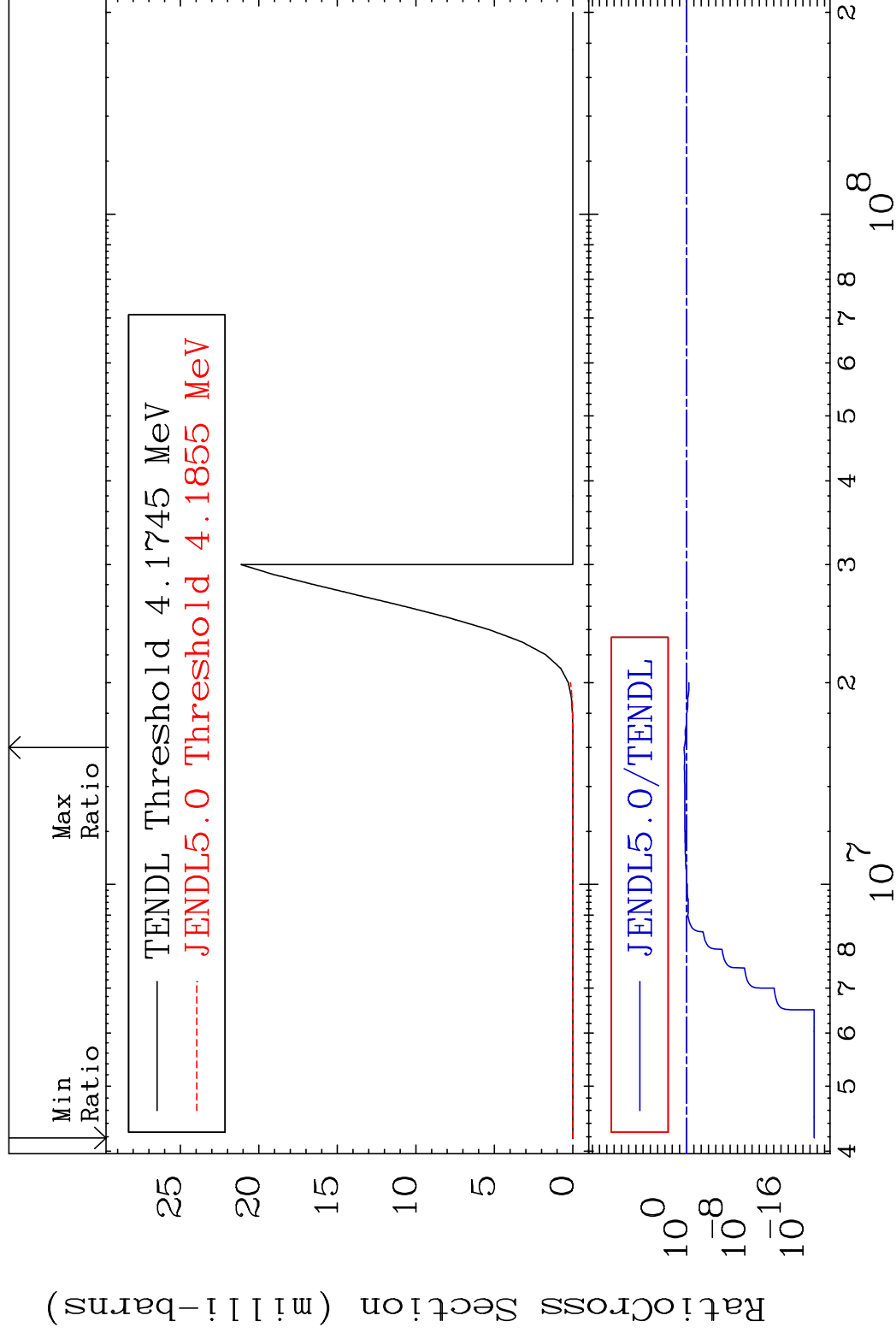


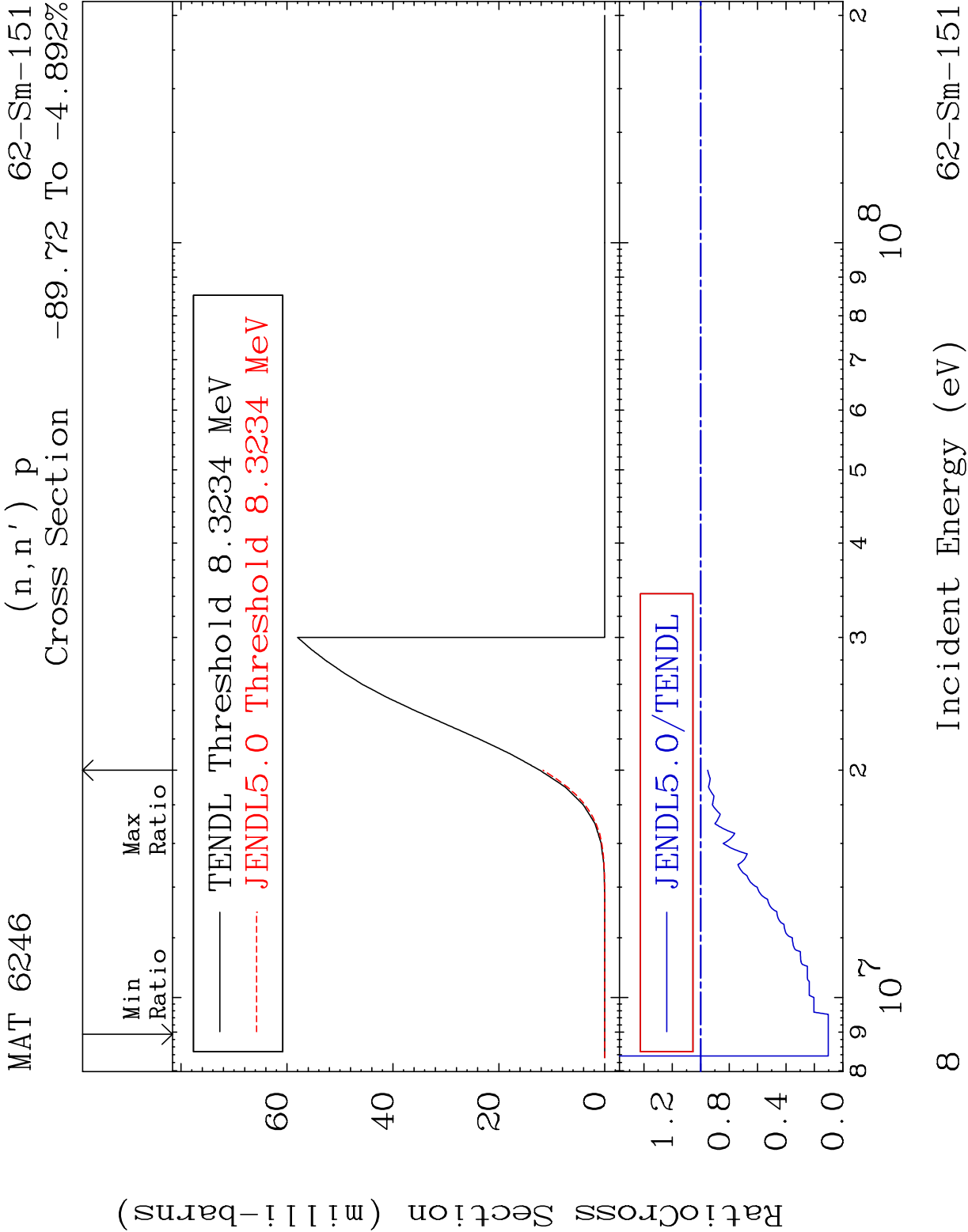
MAT 6246

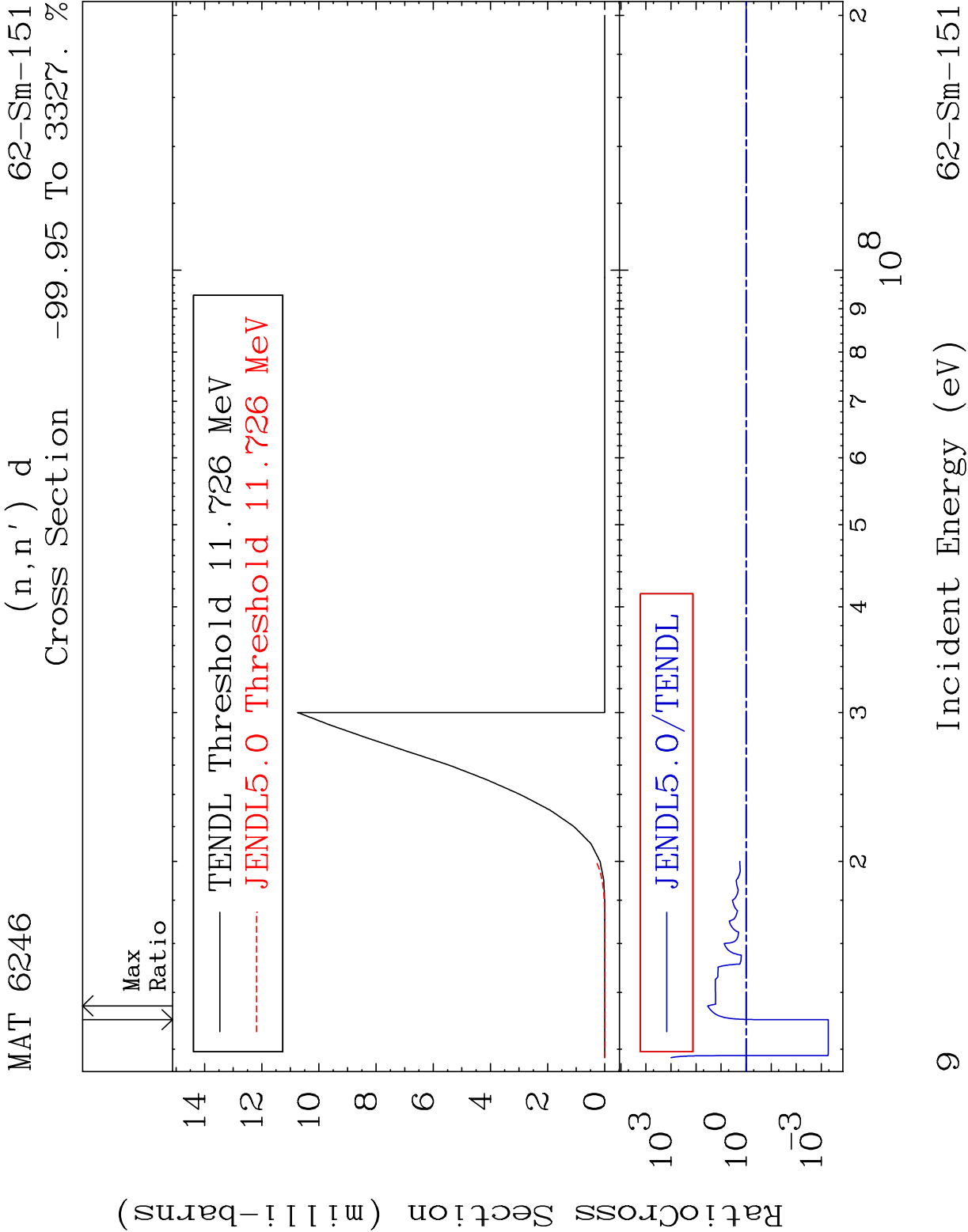
$$(n, 2n) \propto$$

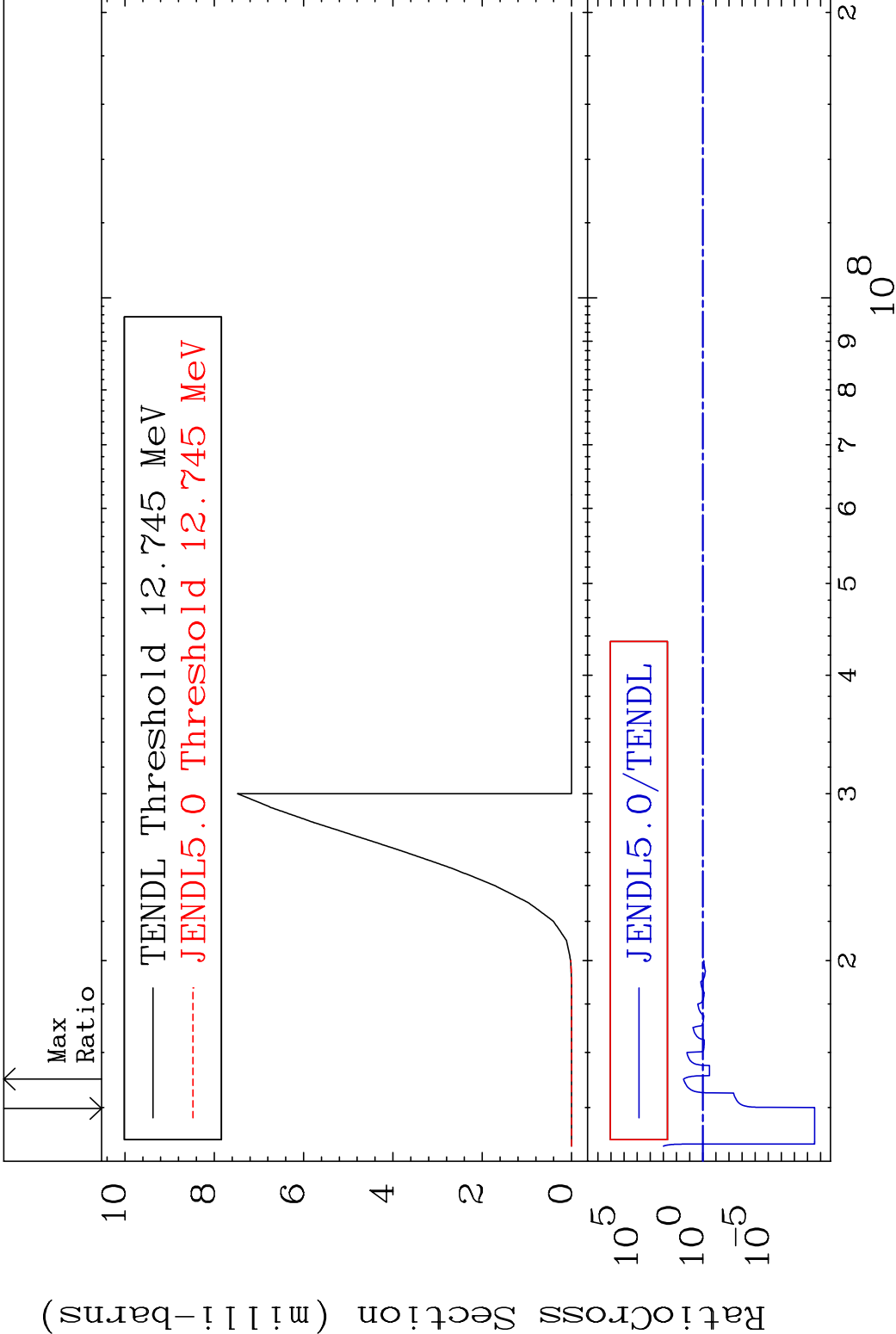
62-Sm-151

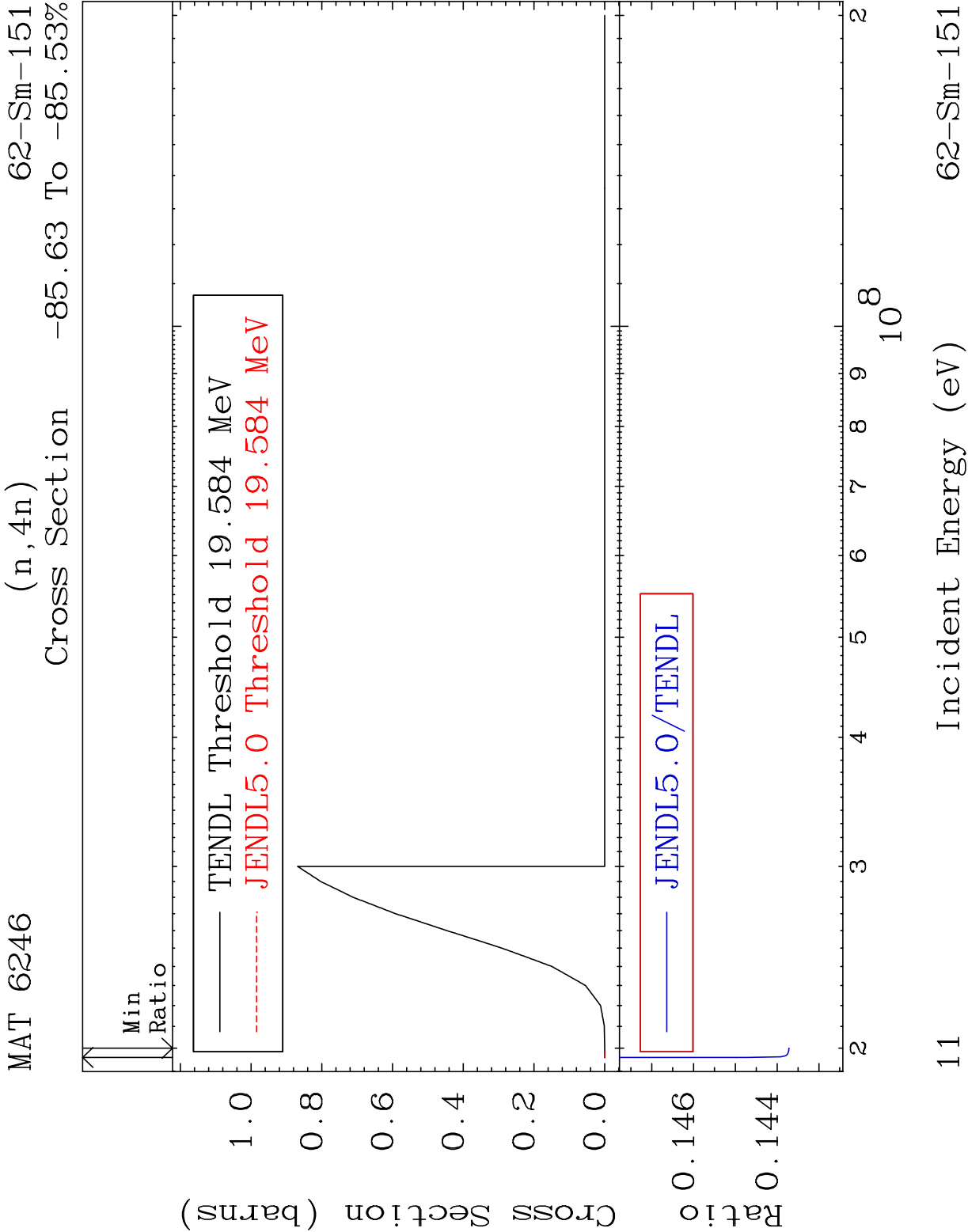
Cross Section -100.0 To 129.4 %

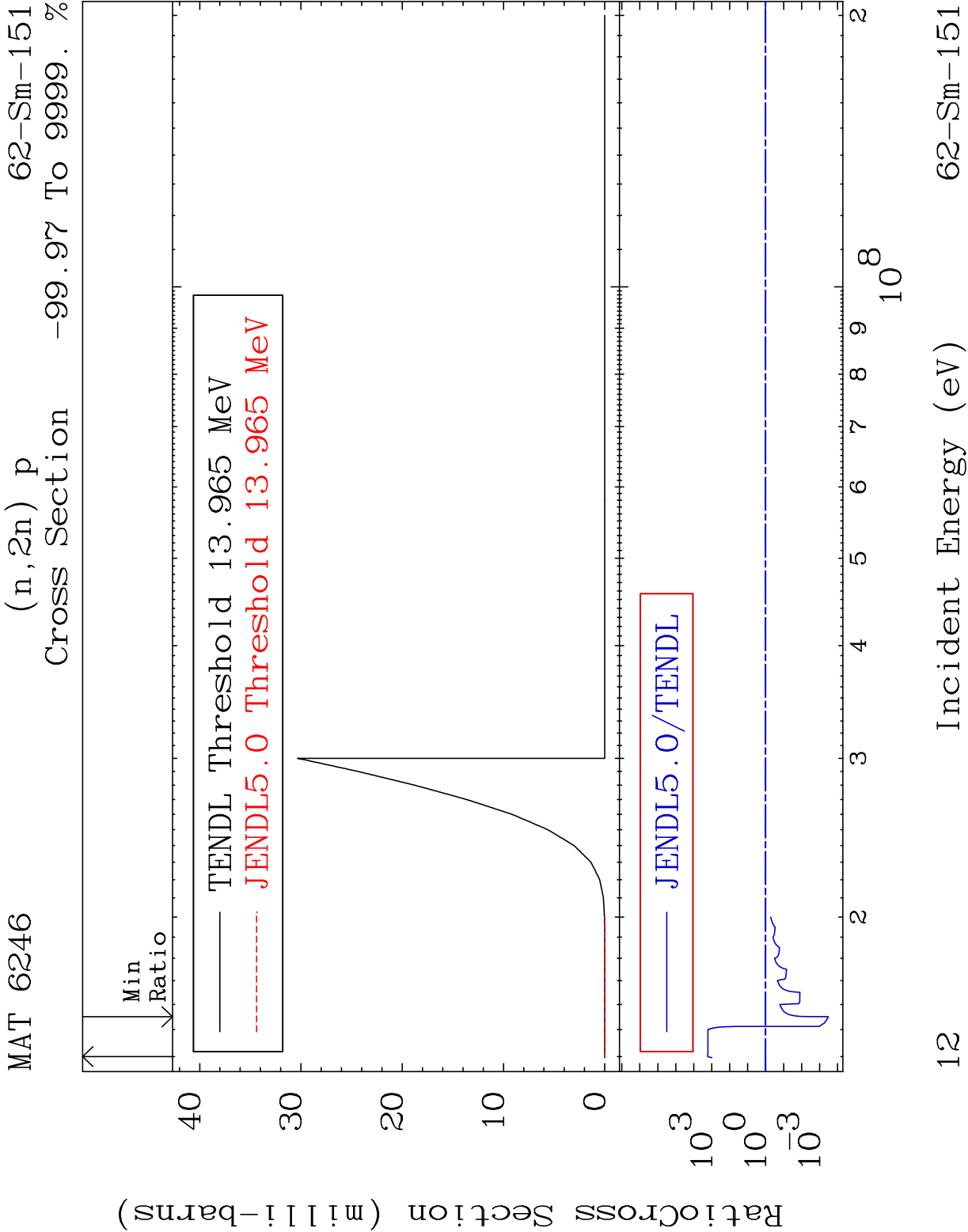




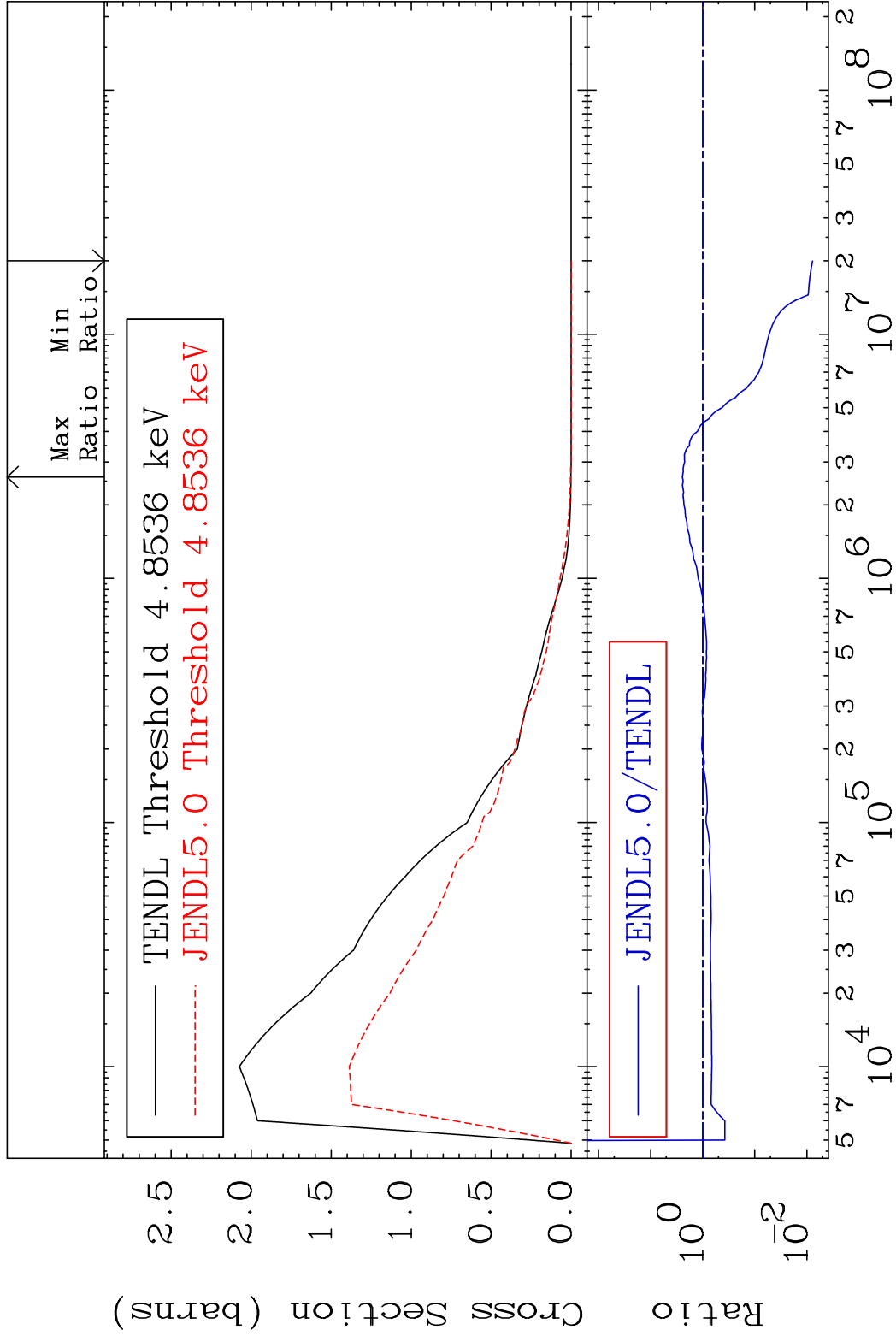








MAT 6246 MT= 51 (n,n') Level 62-Sm-151
Cross Section -99.22 To 145.5 %



13 Incident Energy (eV) 62-Sm-151

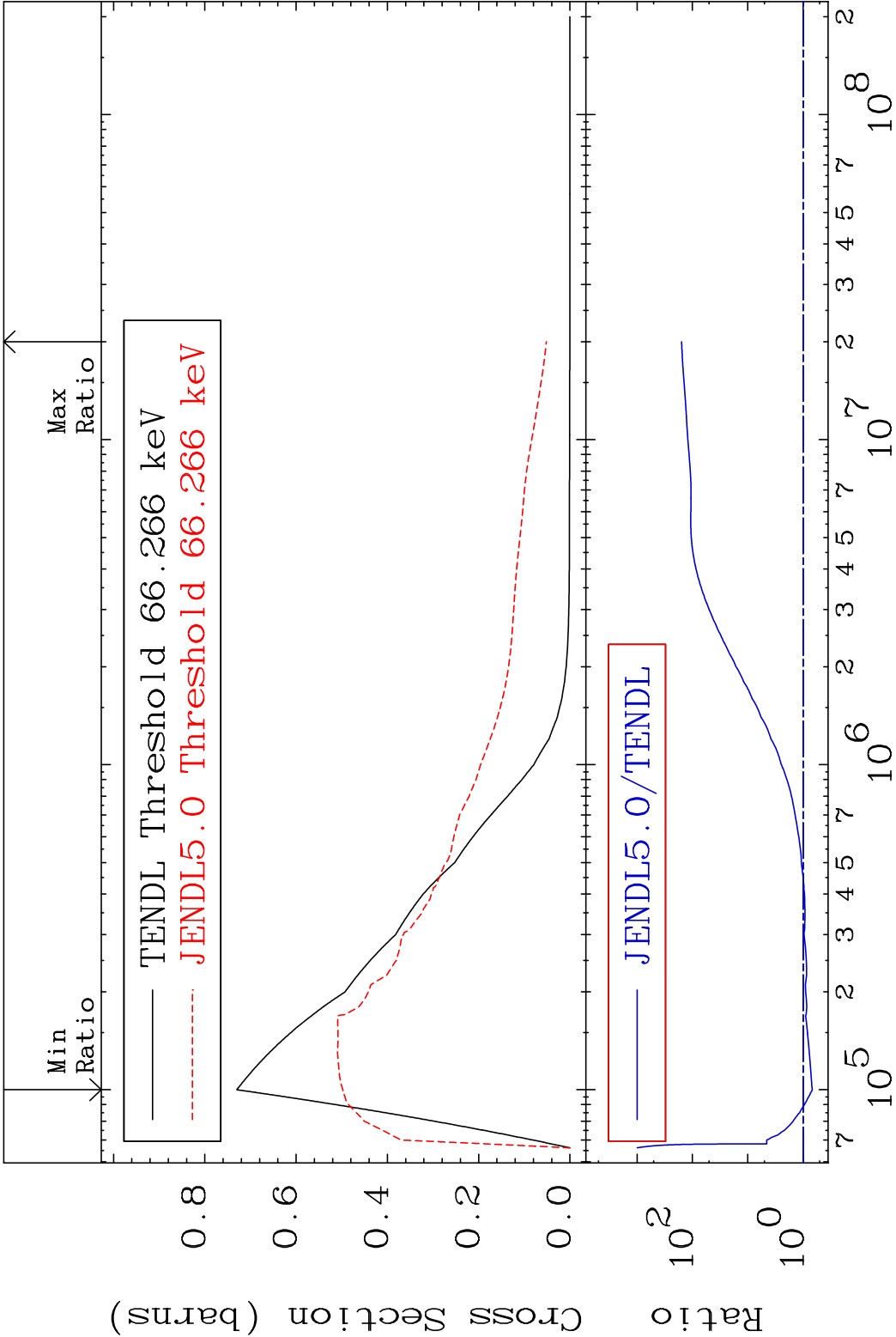
MAT 6246

MT= 52 (n,n') Level

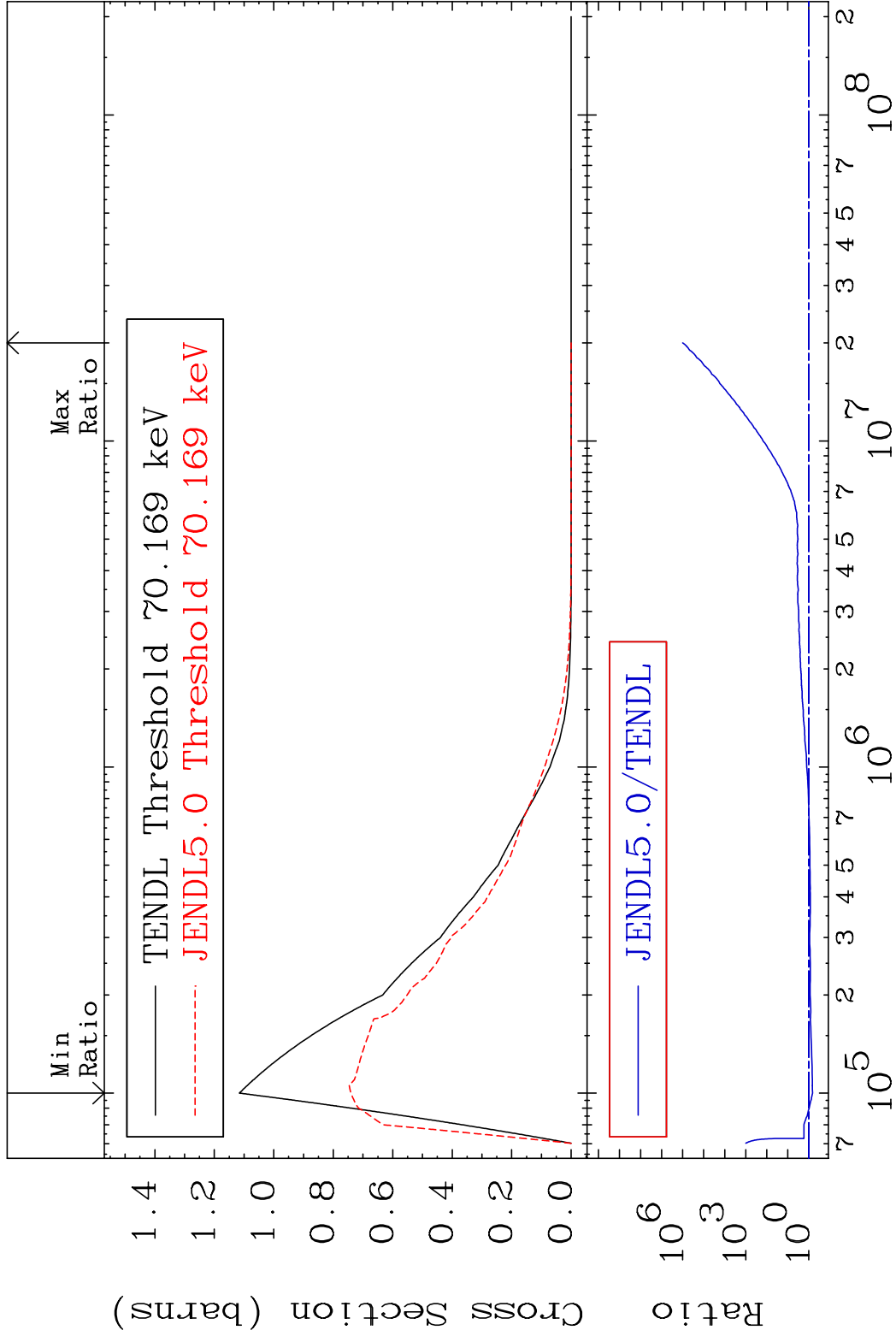
62-Sm-151

Cross Section

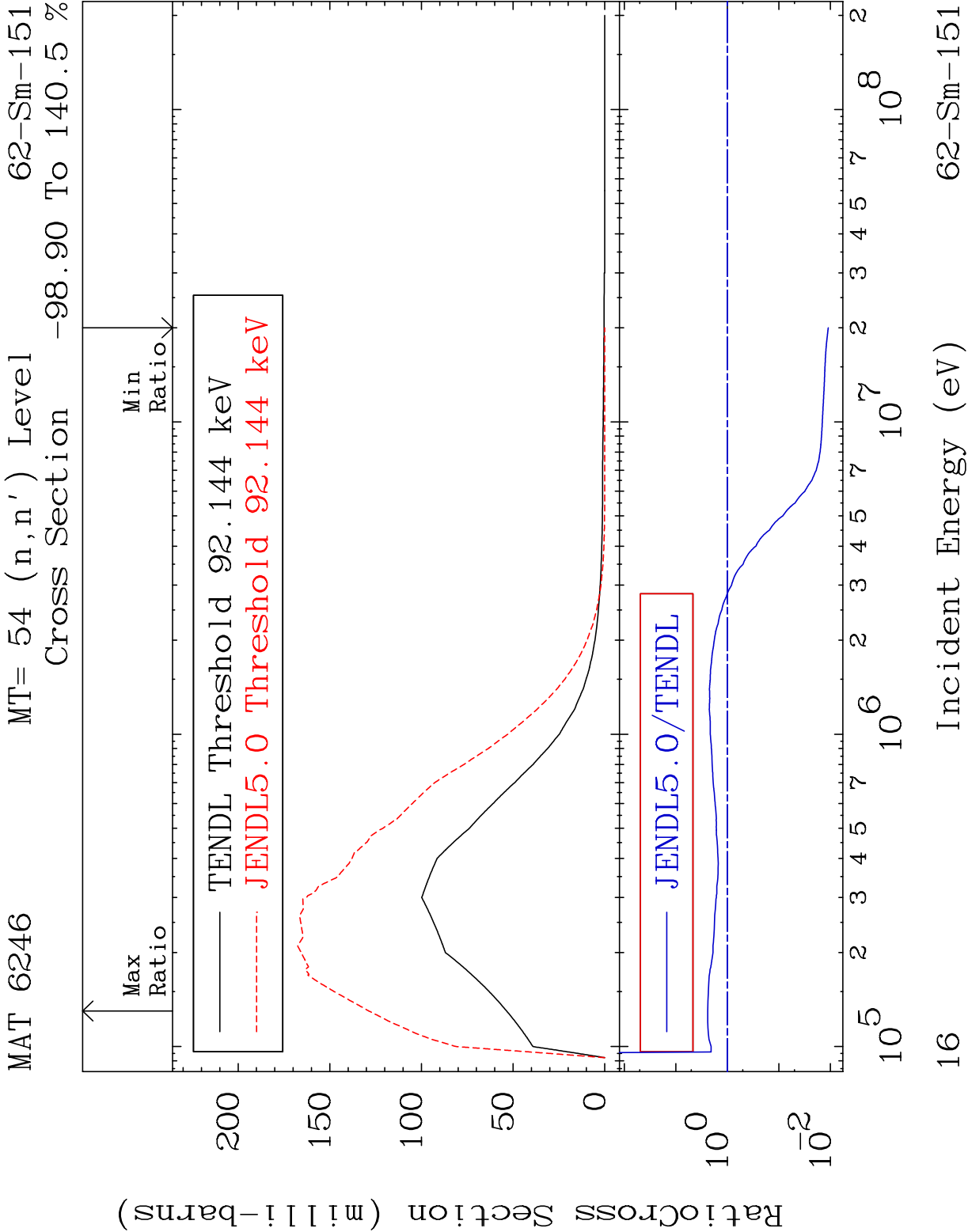
-31.79 To 9999. %



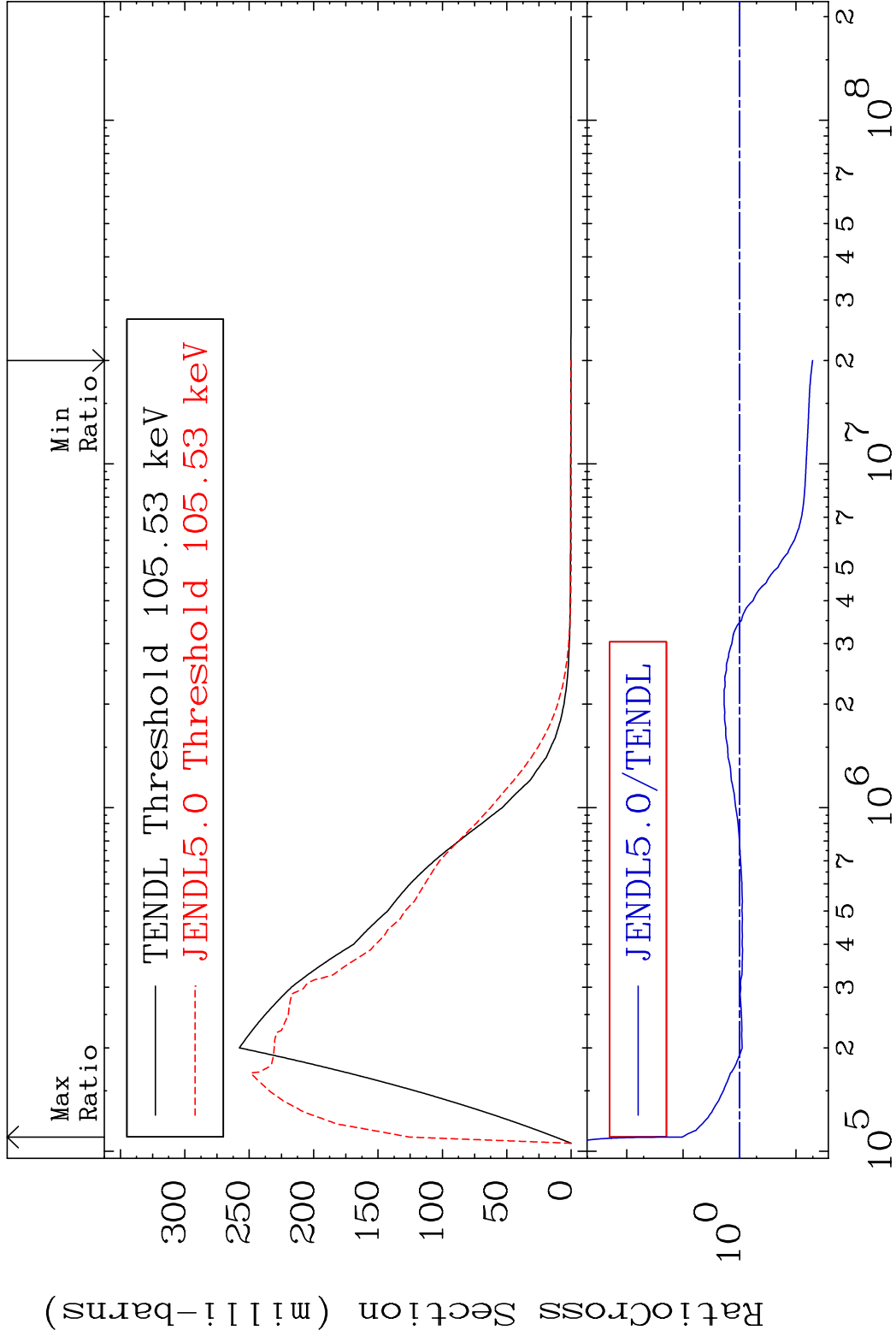
MAT 6246 MT= 53 (n,n') Level 62-Sm-151
 Cross Section -33.58 To 9999. %



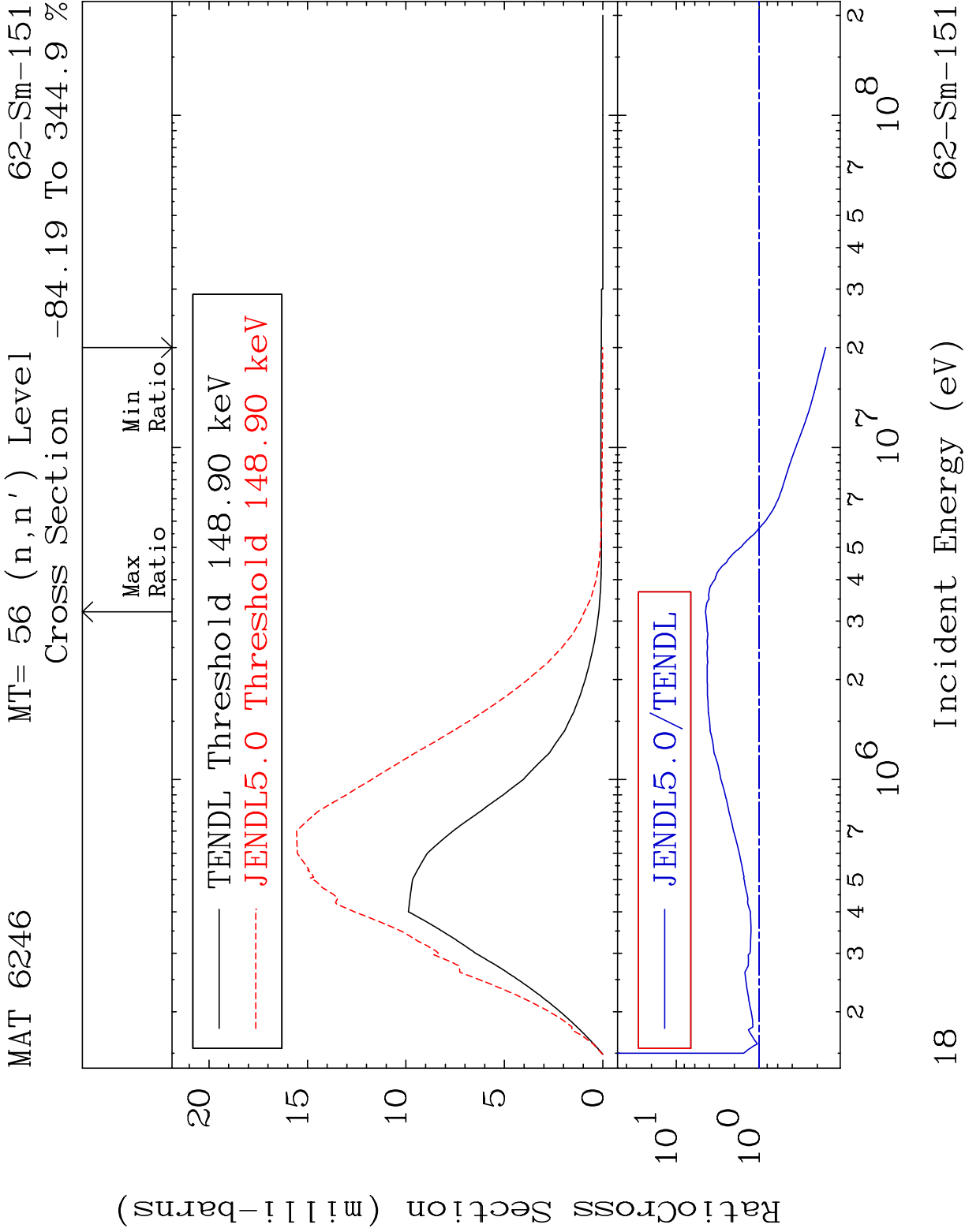
15 Incident Energy (eV) 62-Sm-151



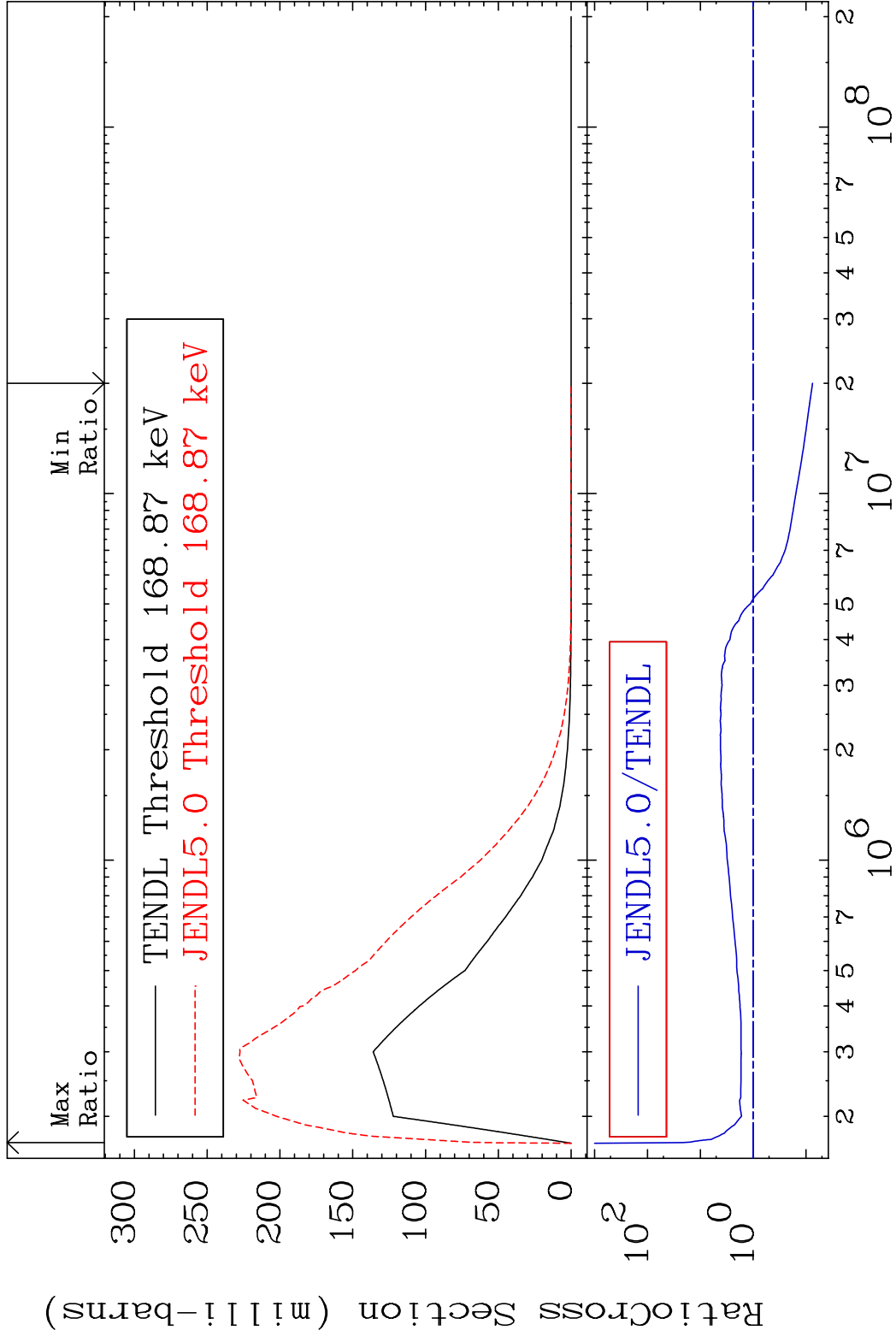
MAT 6246 MT= 55 (n,n') Level 62-Sm-151
Cross Section -94.92 To 930.4 %

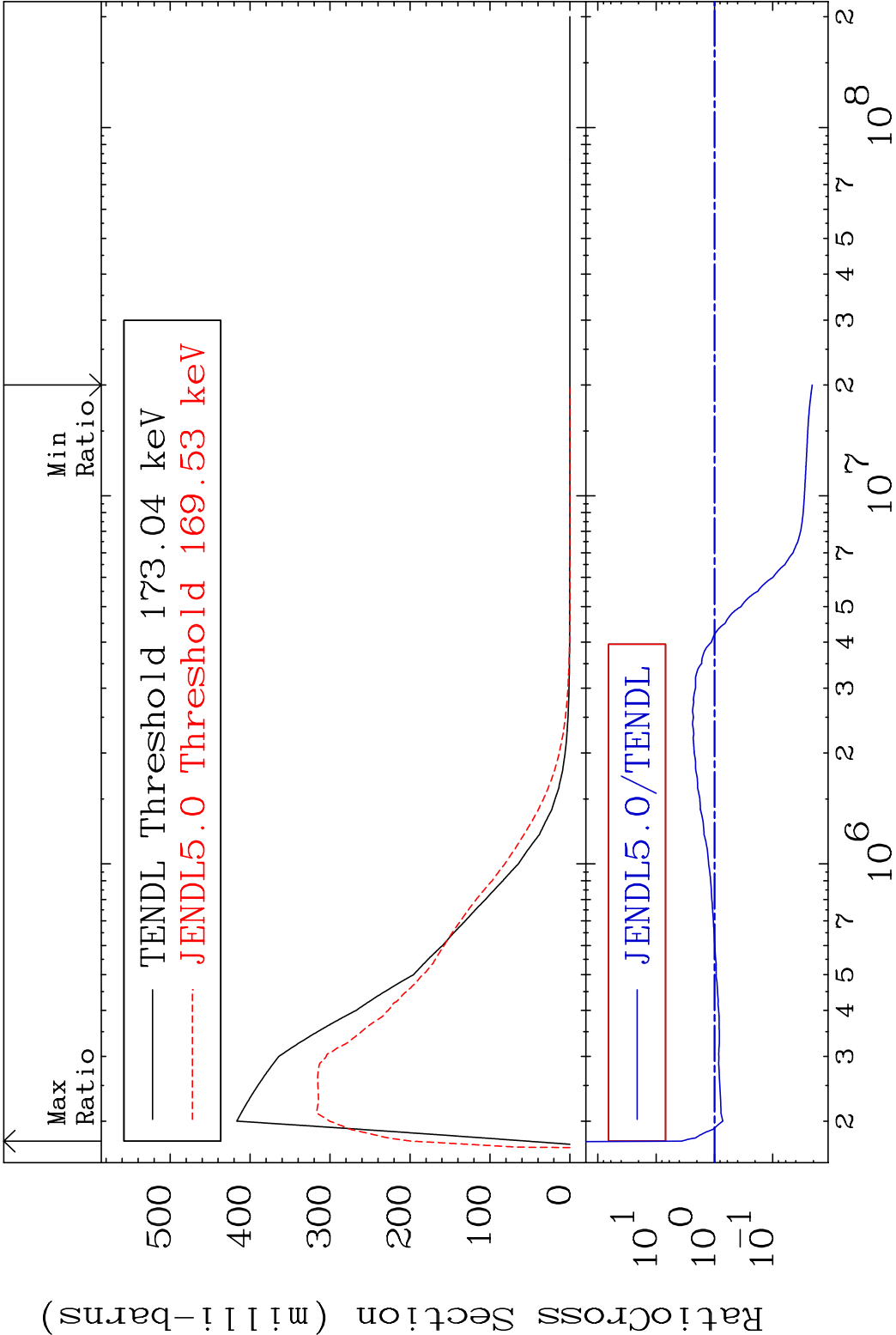


17 Incident Energy (eV) 62-Sm-151



MAT 6246 MT= 57 (n,n') Level 62-Sm-151
Cross Section -92.50 To 2086. %





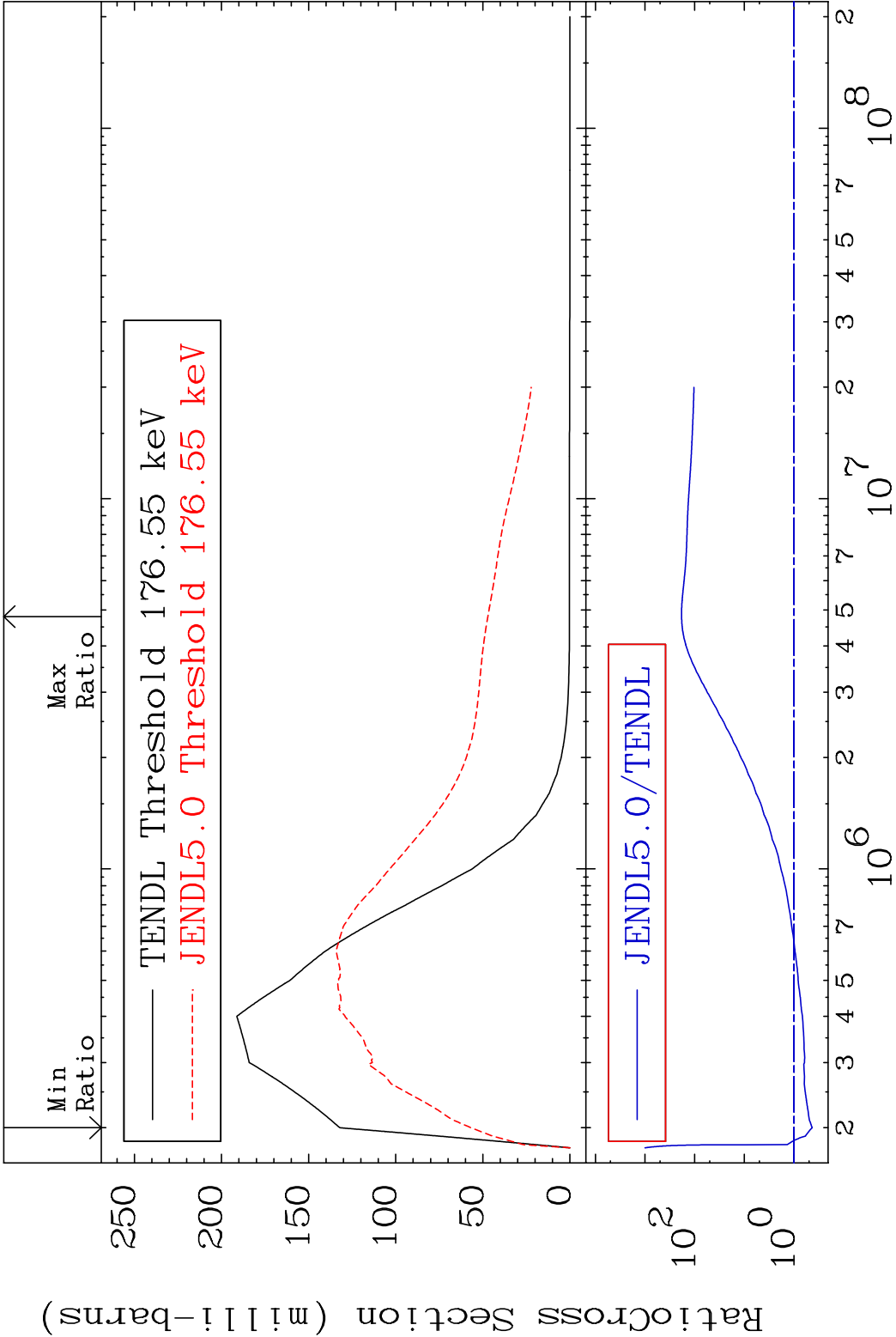
MAT 6246

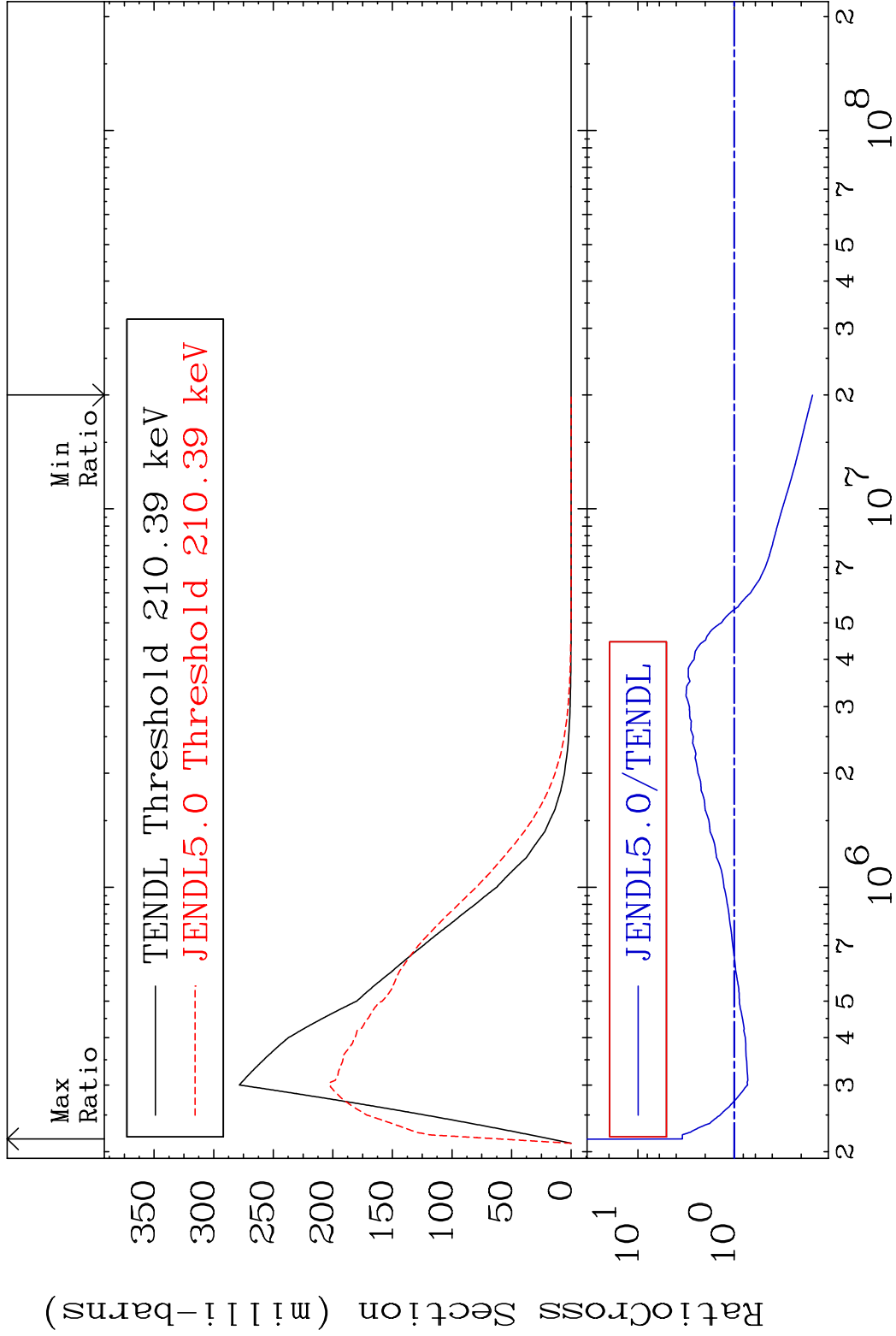
MT= 59 (n,n') Level

62-Sm-151

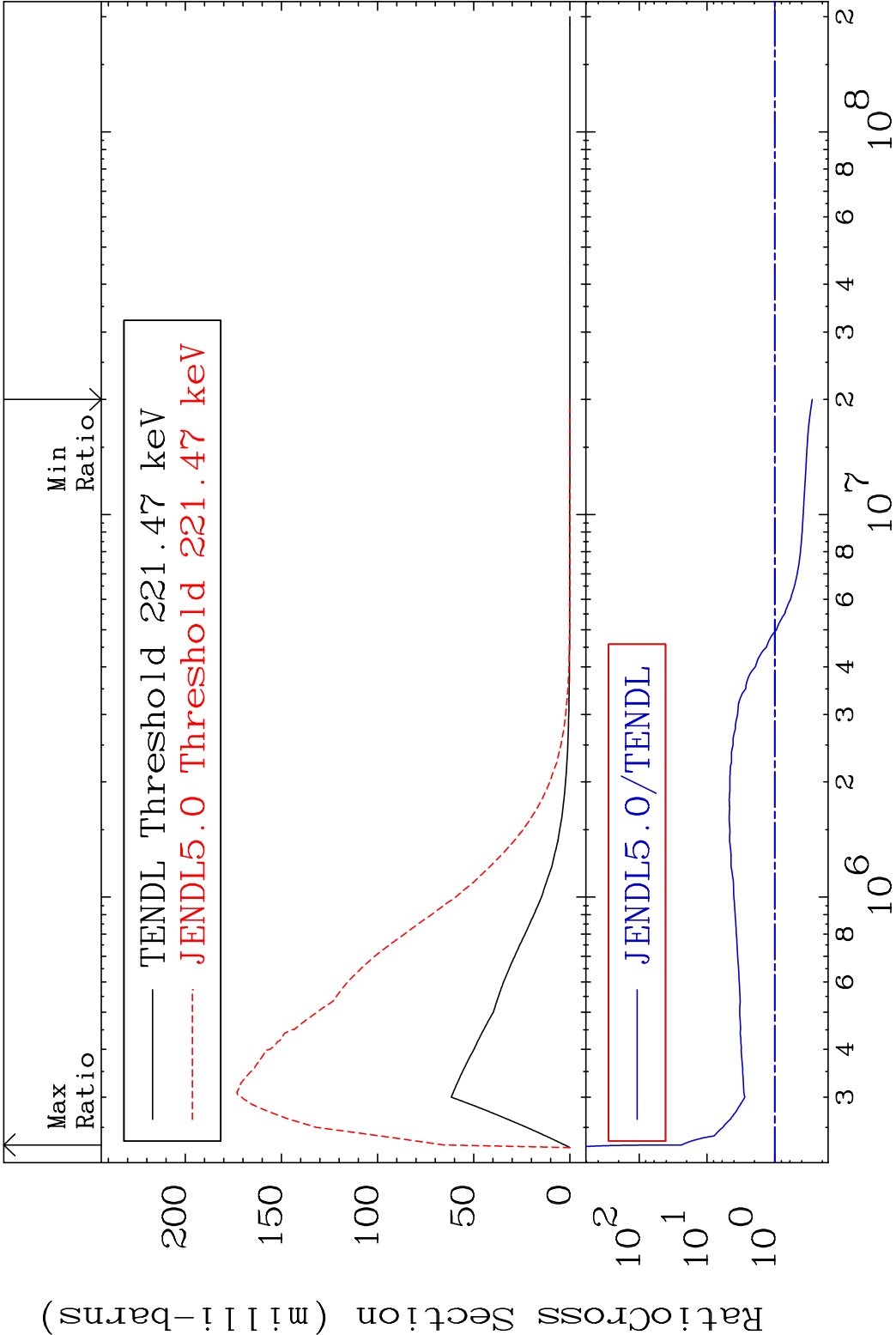
Cross Section

-57.00 To 9999. %





MAT 6246	MT= 61 (n,n')	Level	62-Sm-151
	Cross Section	-71.88 To 2271. %	



MAT 6246

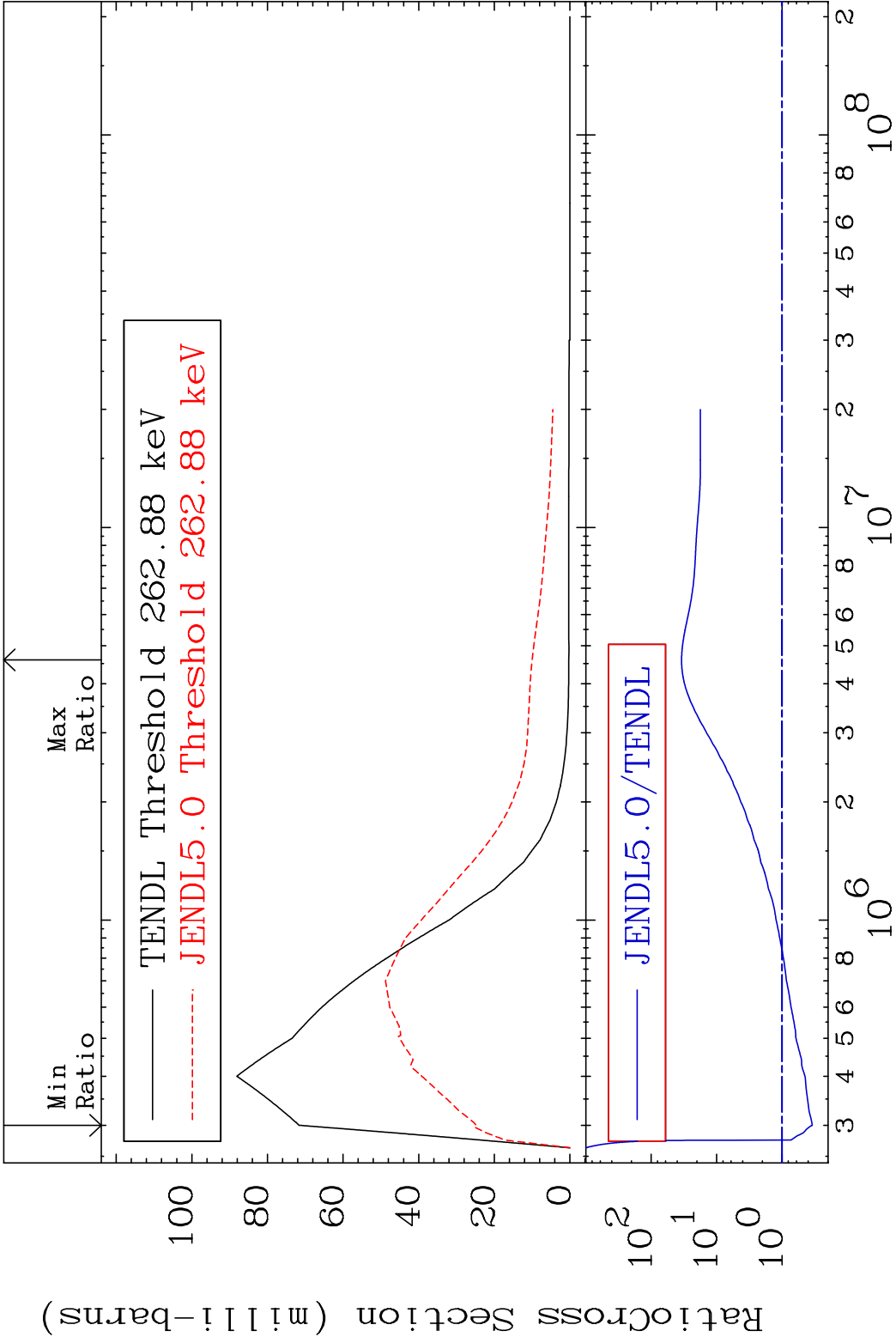
MT= 62 (n,n')

Level

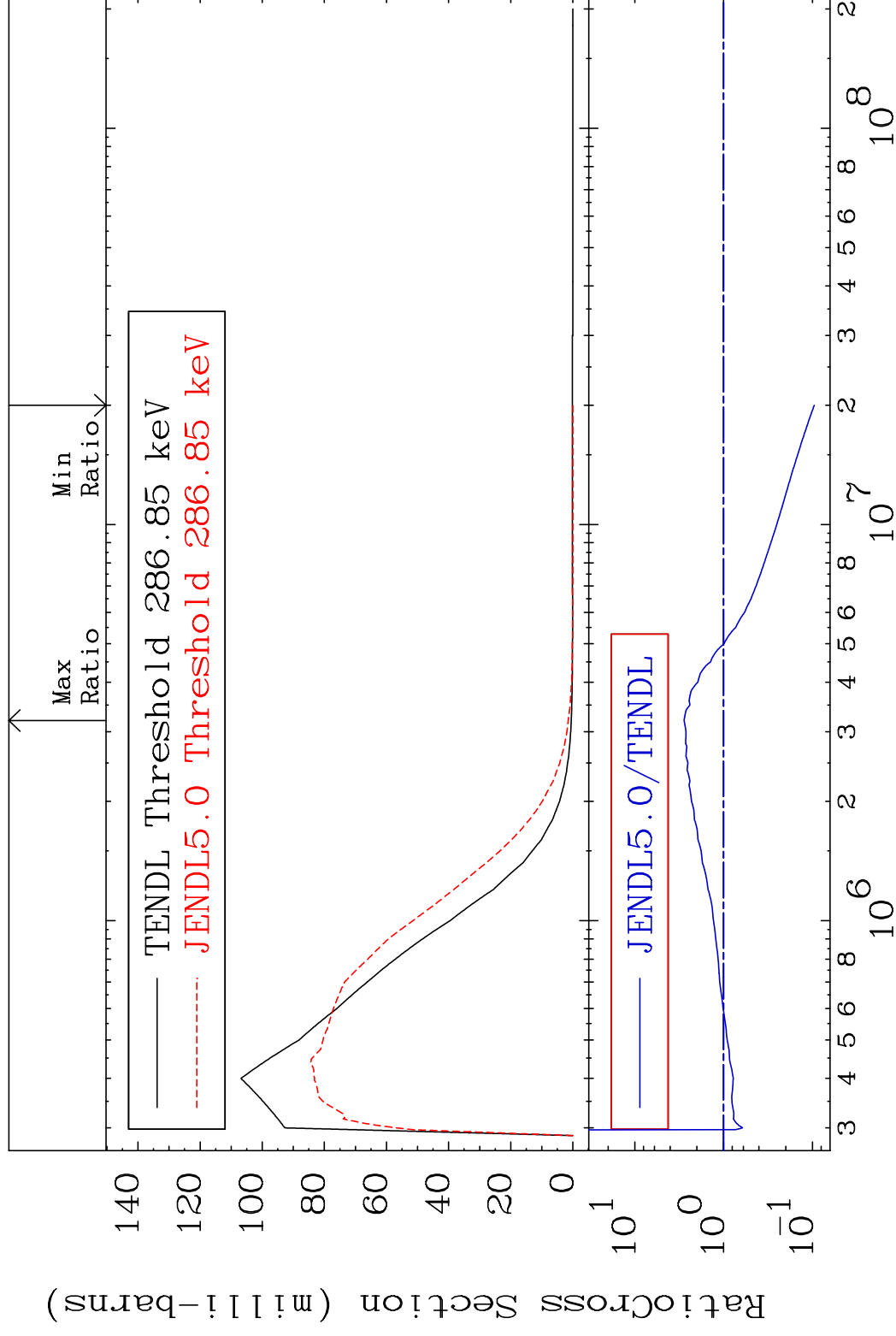
62-Sm-151

Cross Section

-65.46 To 3330. %



Cross Section -90.46 To 179.2 %



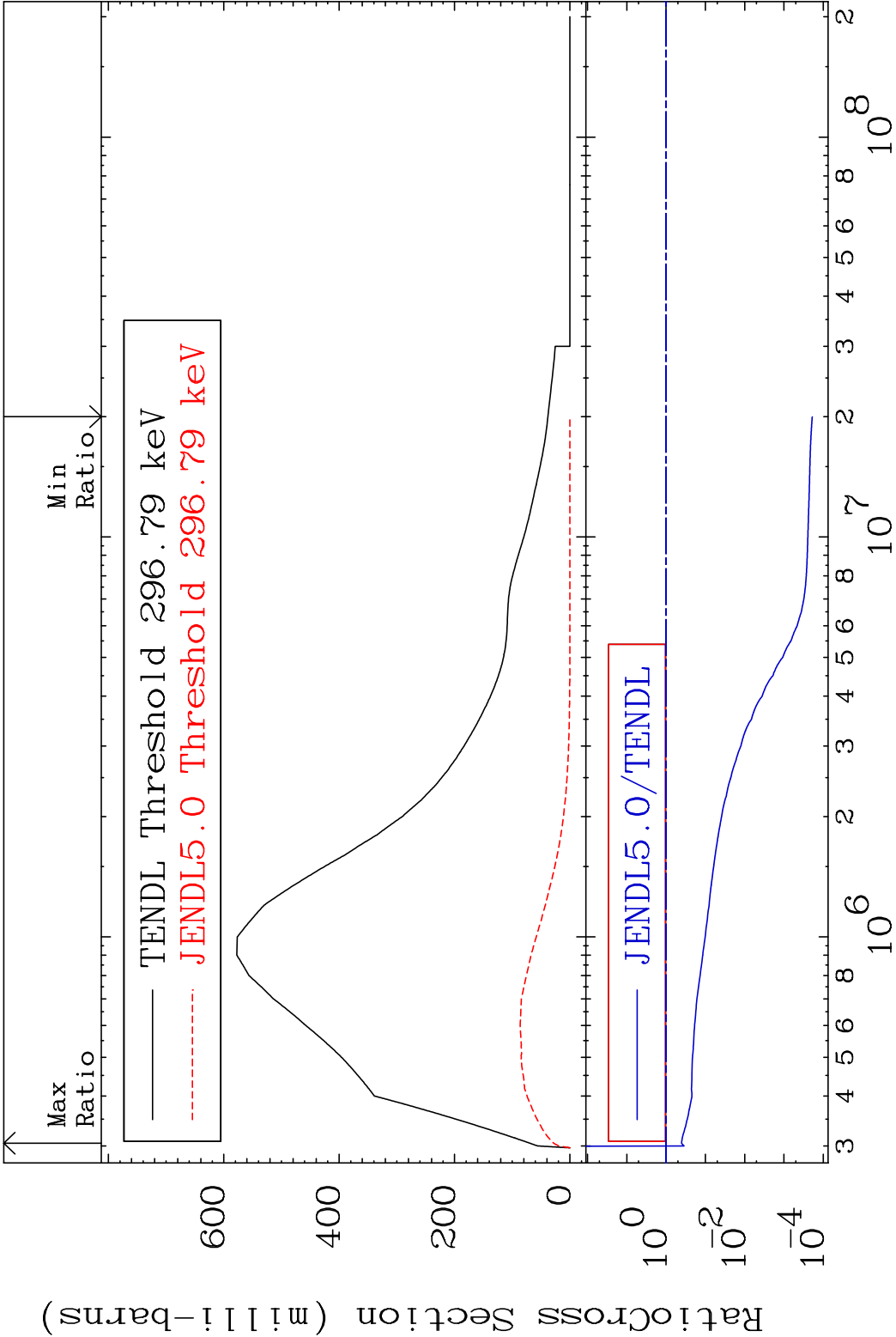
MAT 6246

MT= 64 (n,n') Level

62-Sm-151

Cross Section

-99.98 To -59.59%



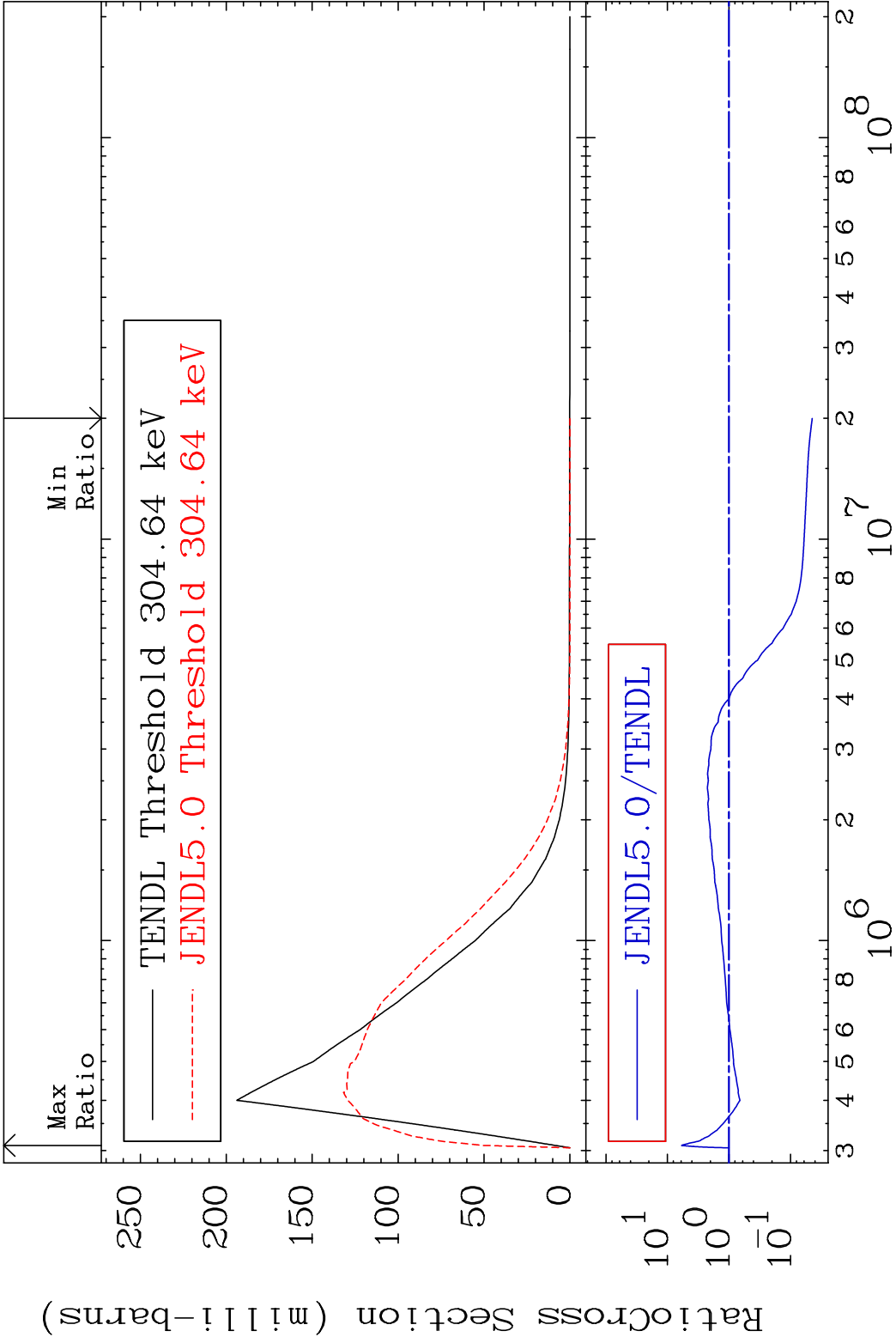
MAT 6246

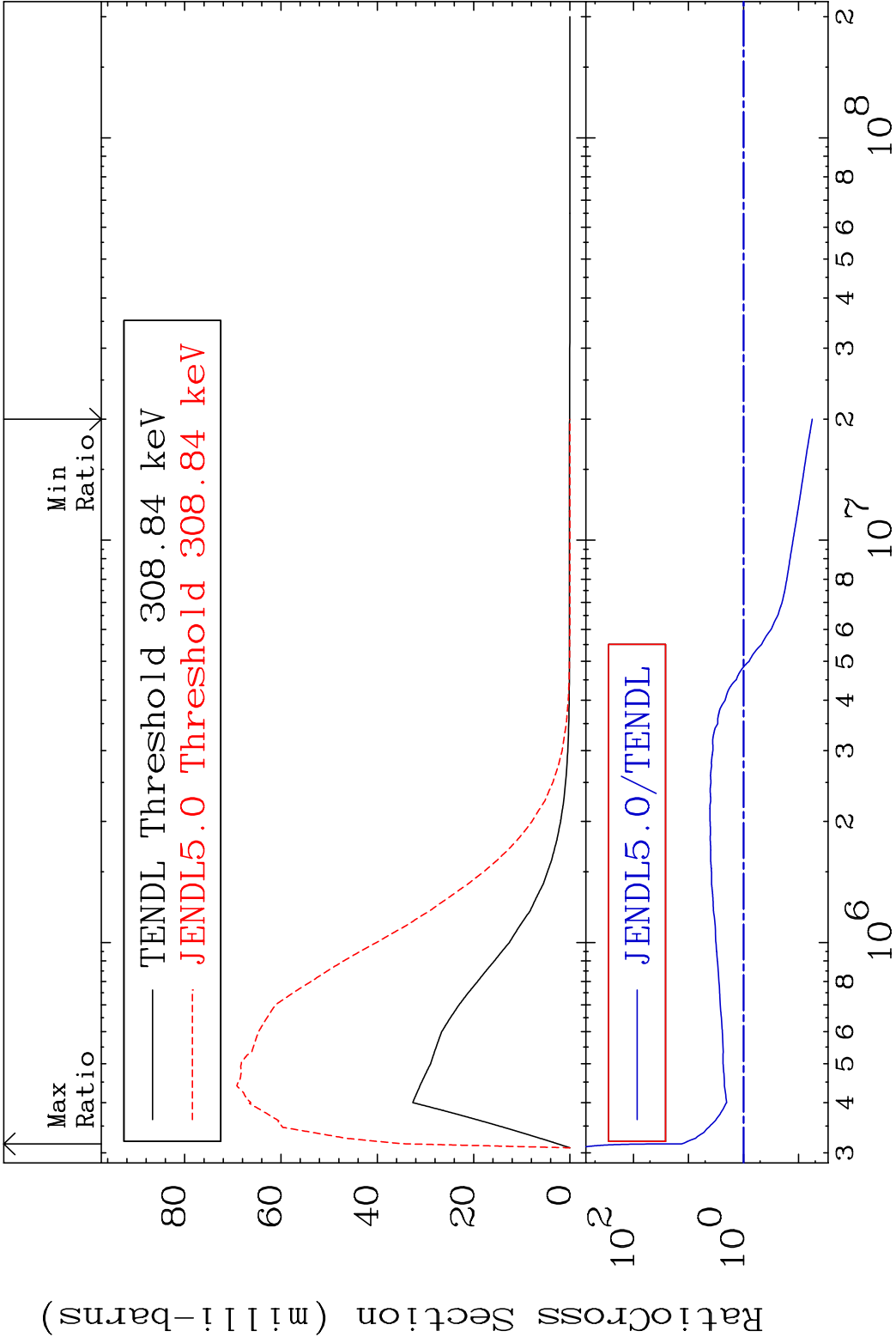
MT= 65 (n,n') Level

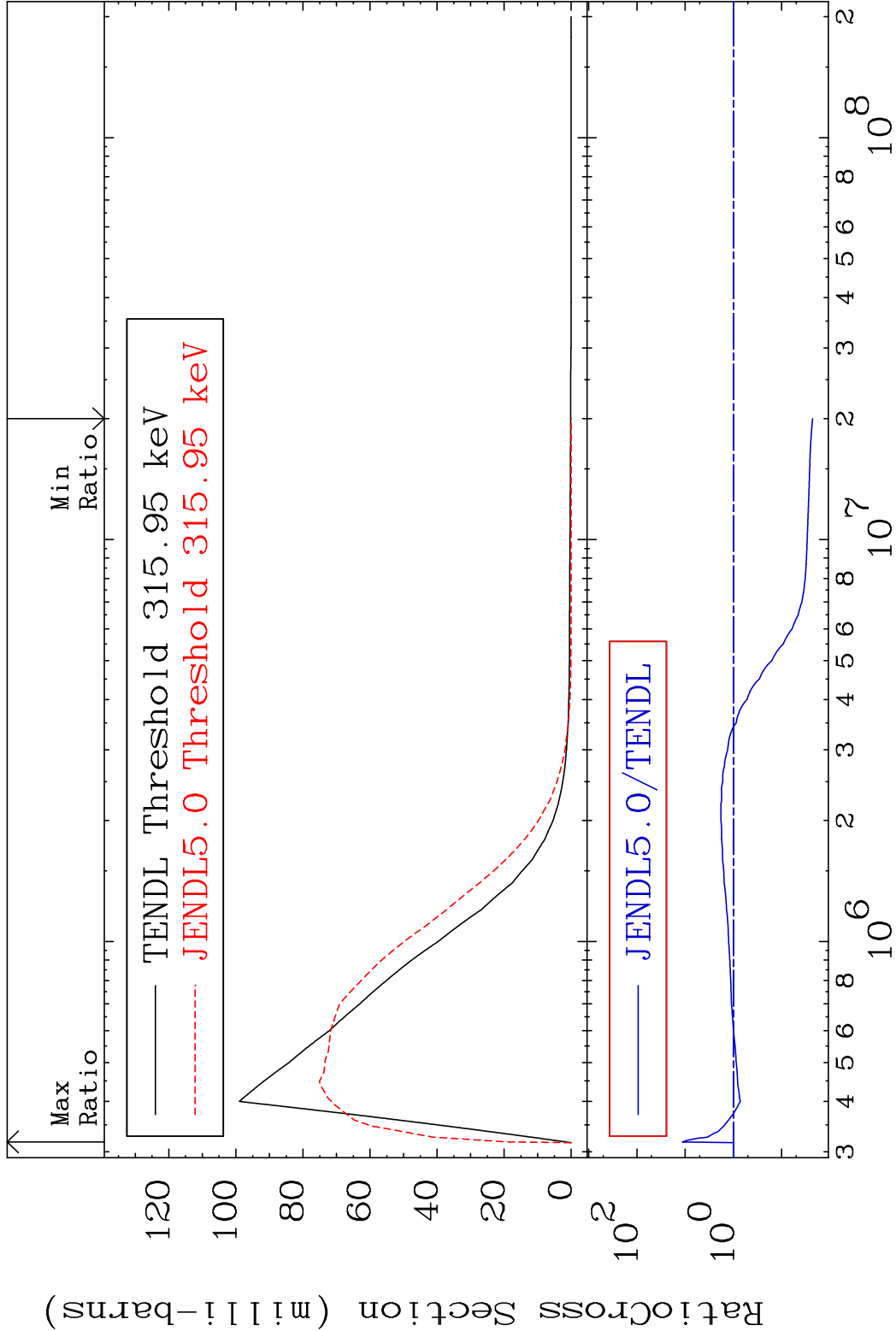
62-Sm-151

Cross Section

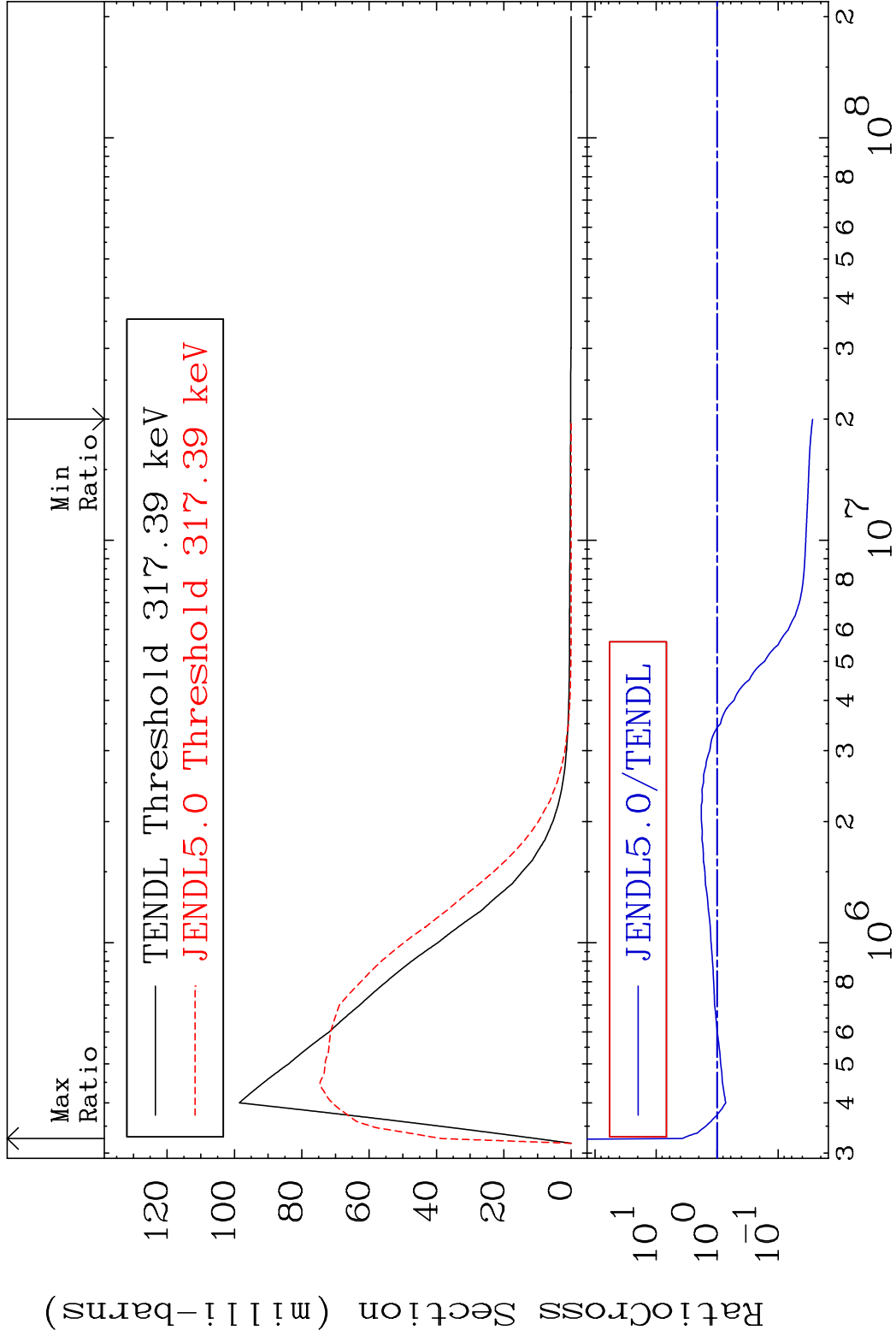
-95.57 To 490.2 %







MAT 6246 MT= 68 (n,n') Level 62-Sm-151
Cross Section -97.28 To 270.9 %



30 Incident Energy (eV) 62-Sm-151

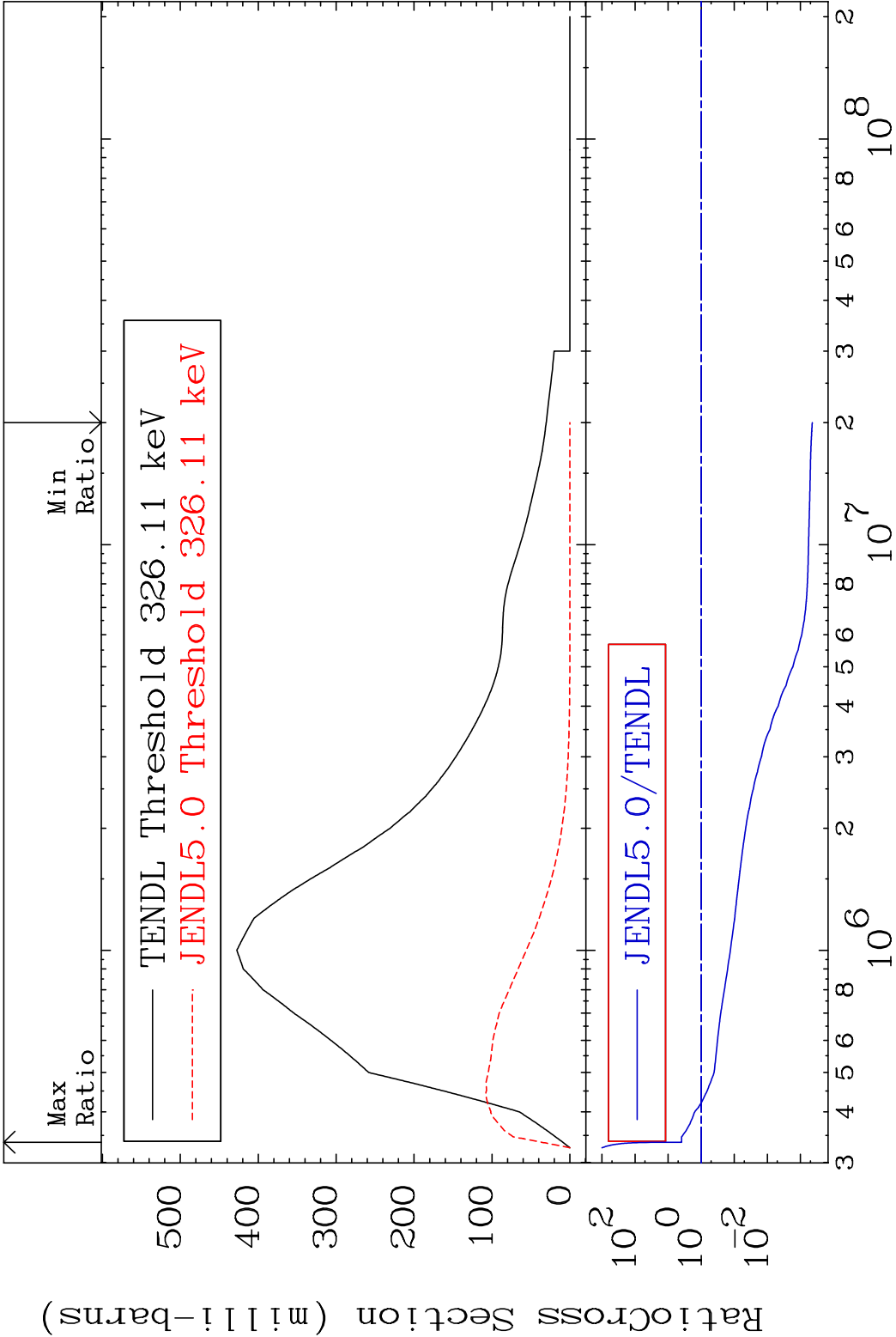
MAT 6246

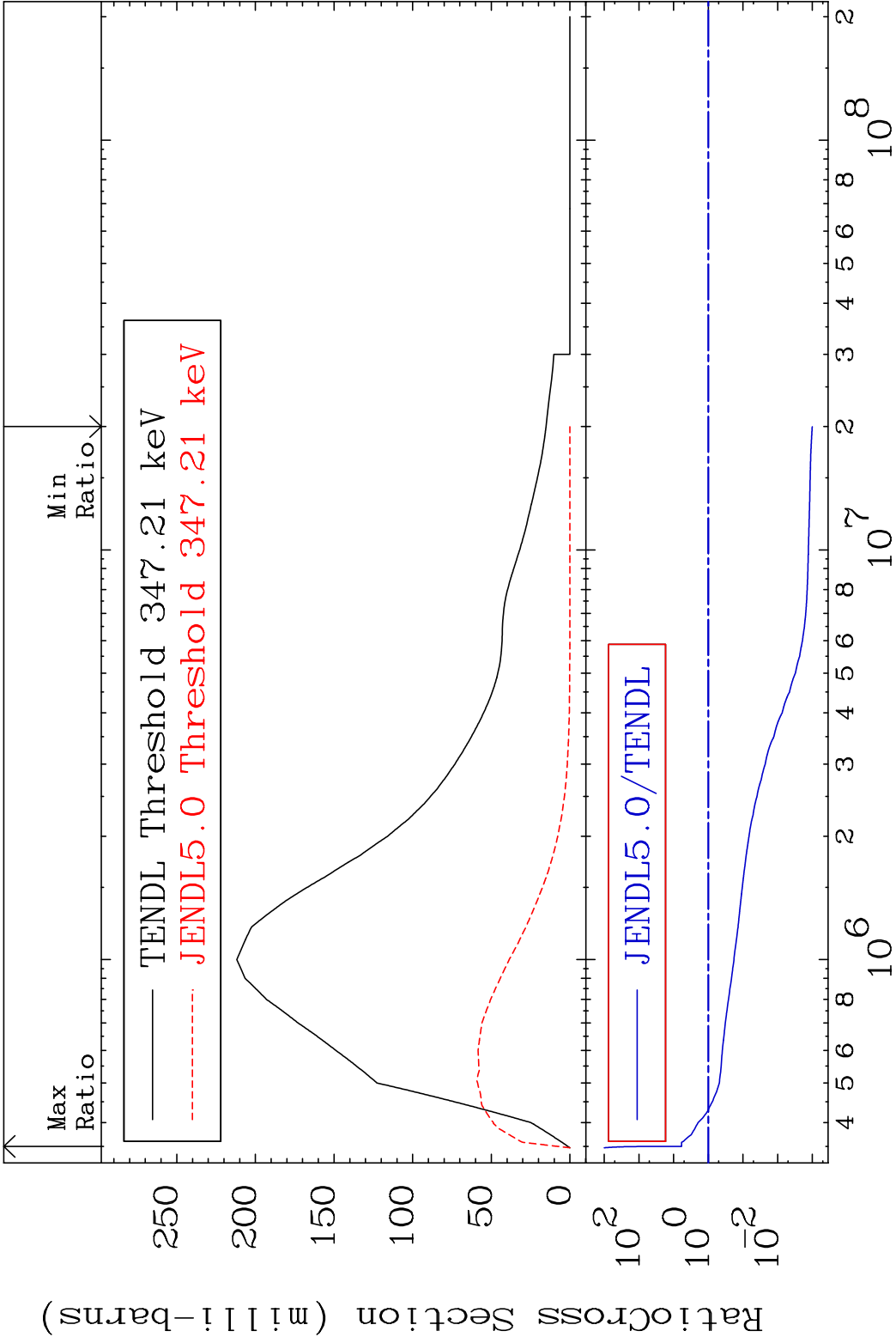
MT= 69 (n,n') Level

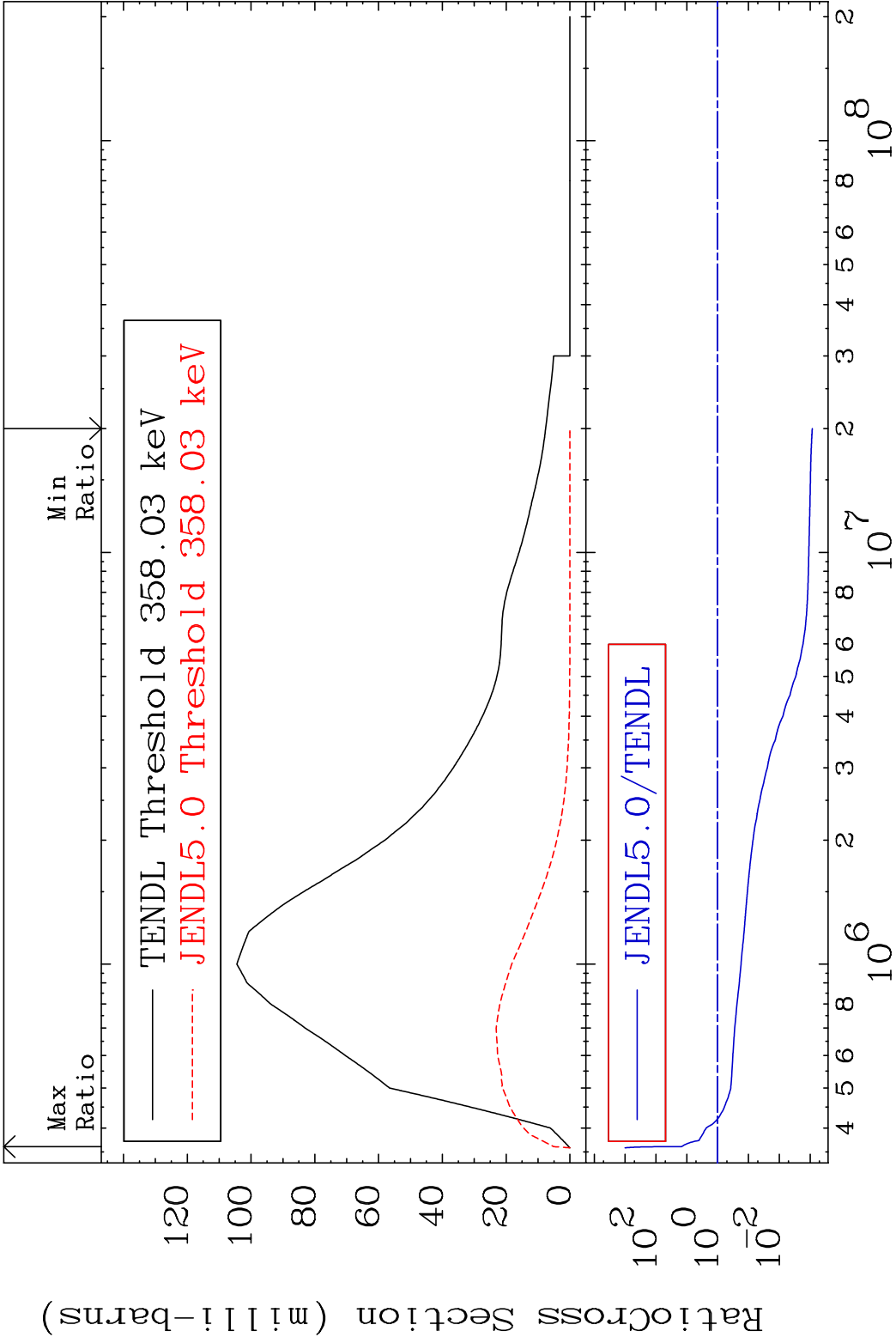
62-Sm-151

Cross Section

-99.96 To 292.6 %





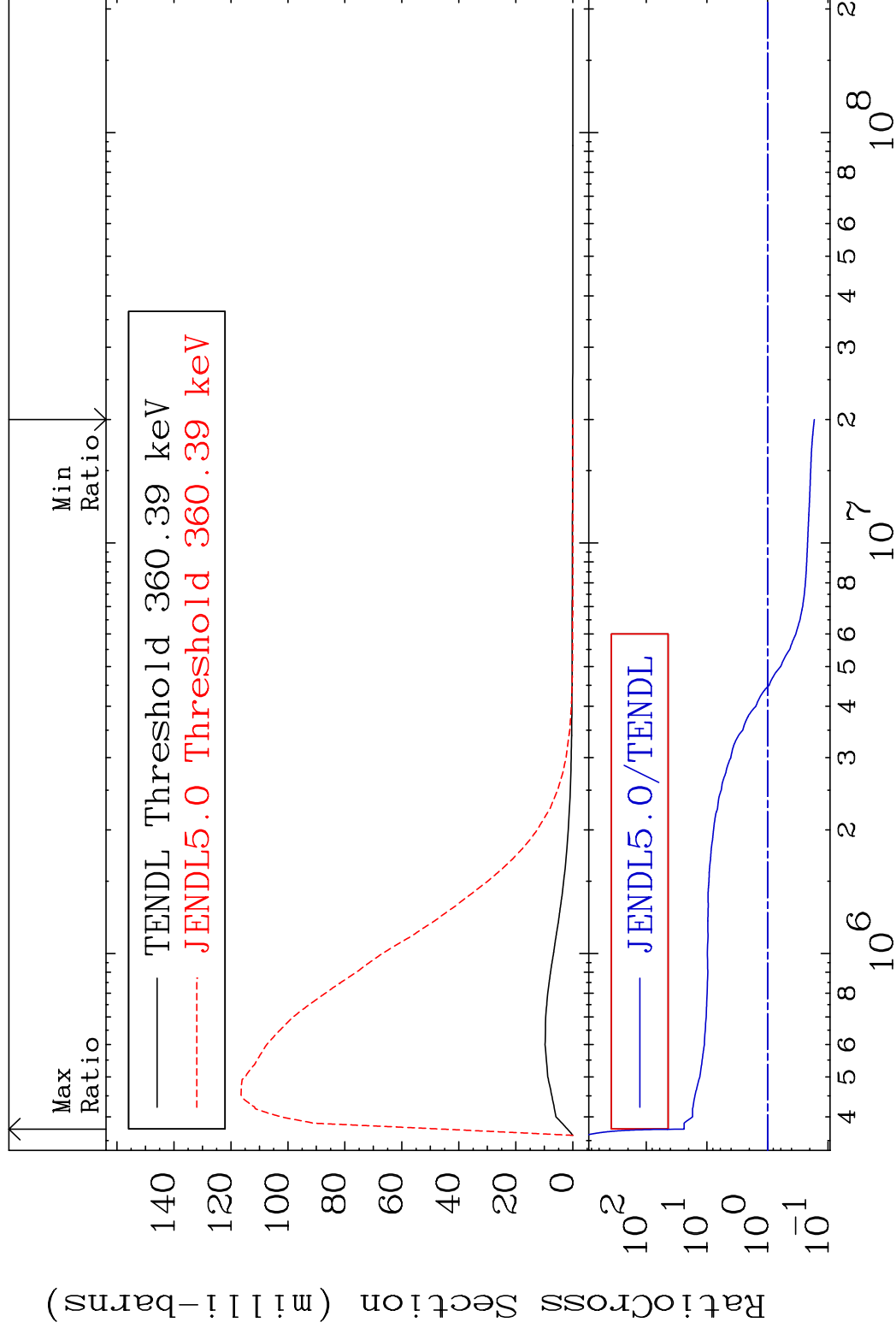


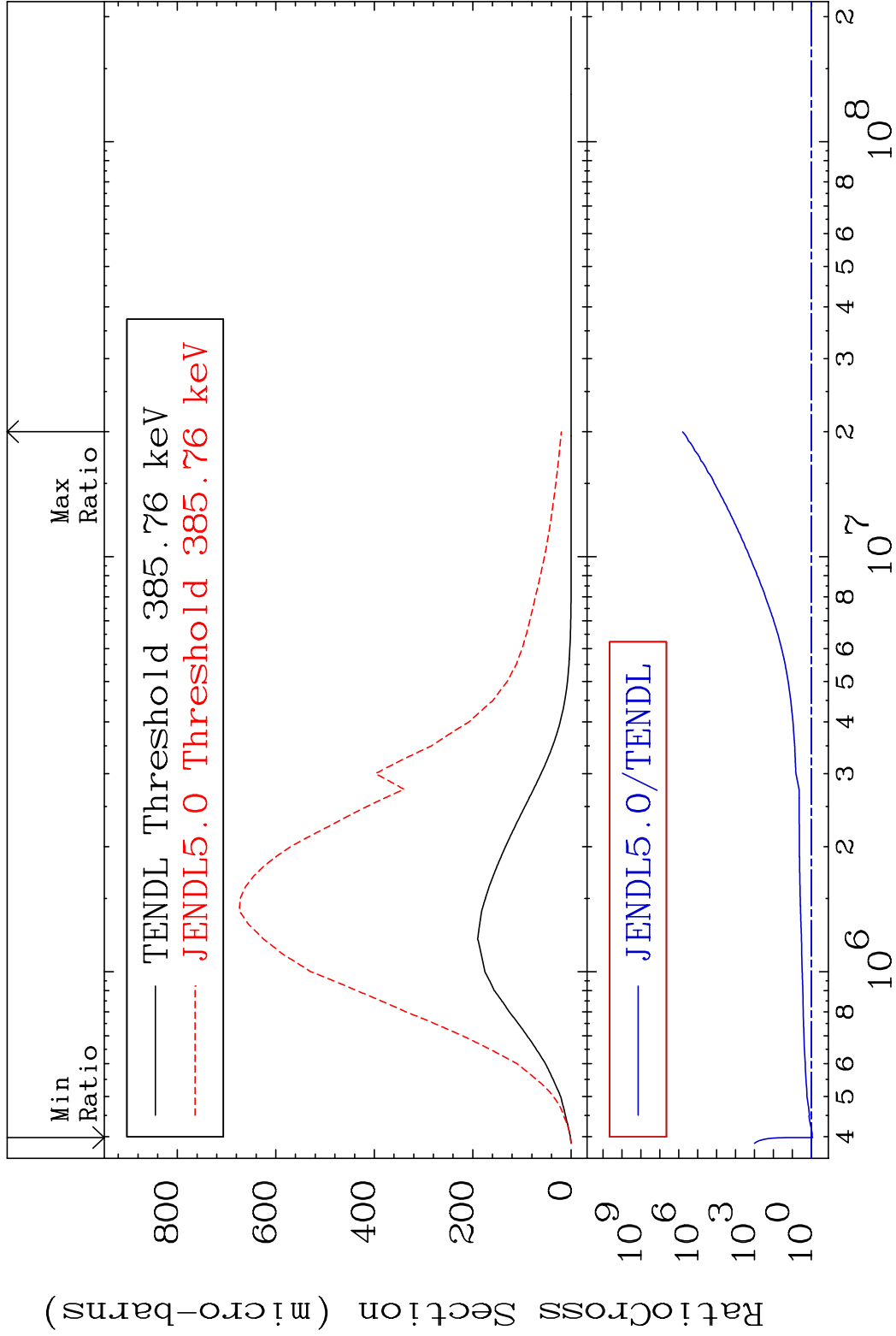
MAT 6246

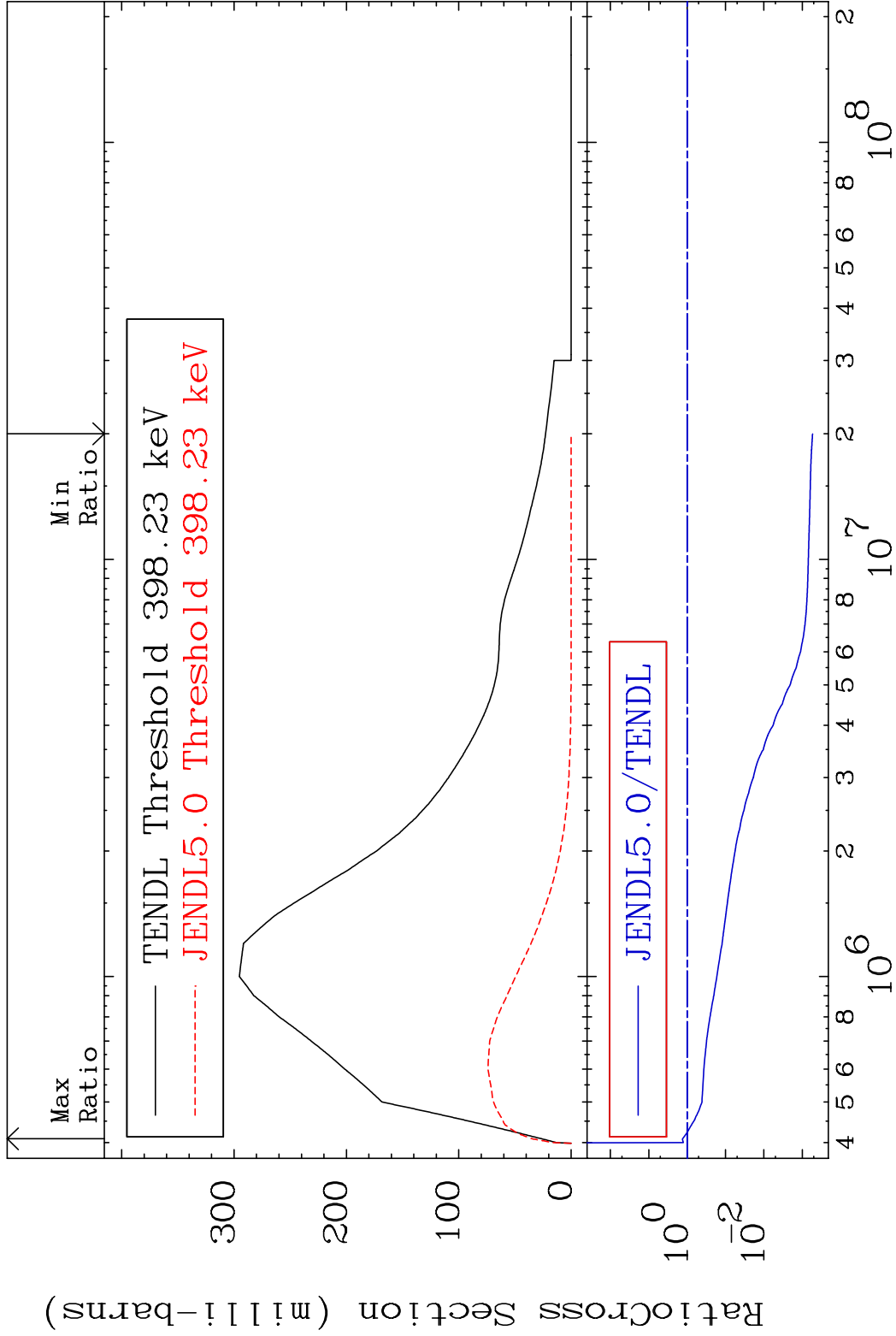
MT= 72 (n, n') Level

62-Sm-151

Cross Section -83.11 To 2277. %







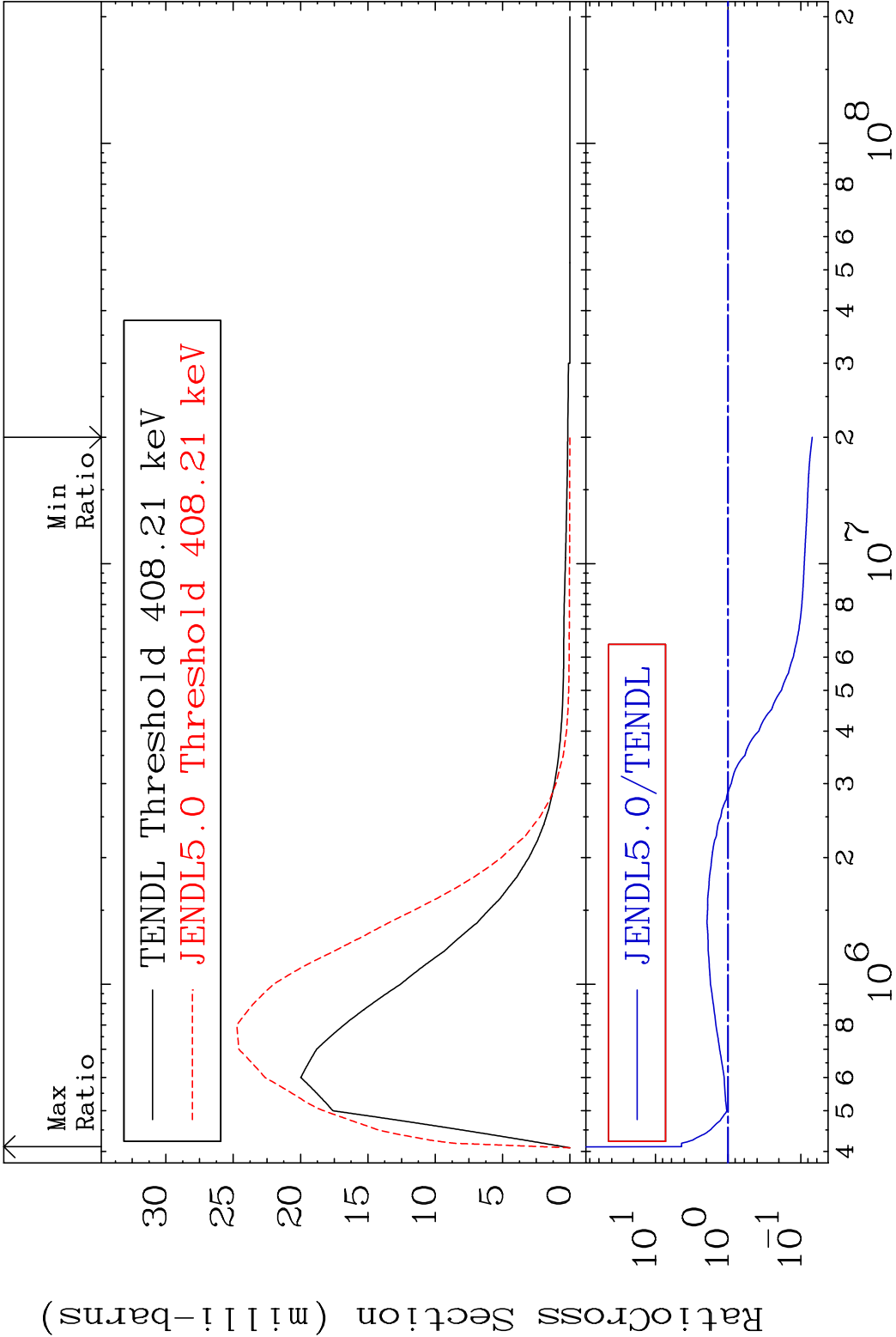
MAT 6246

MT= 75 (n,n') Level

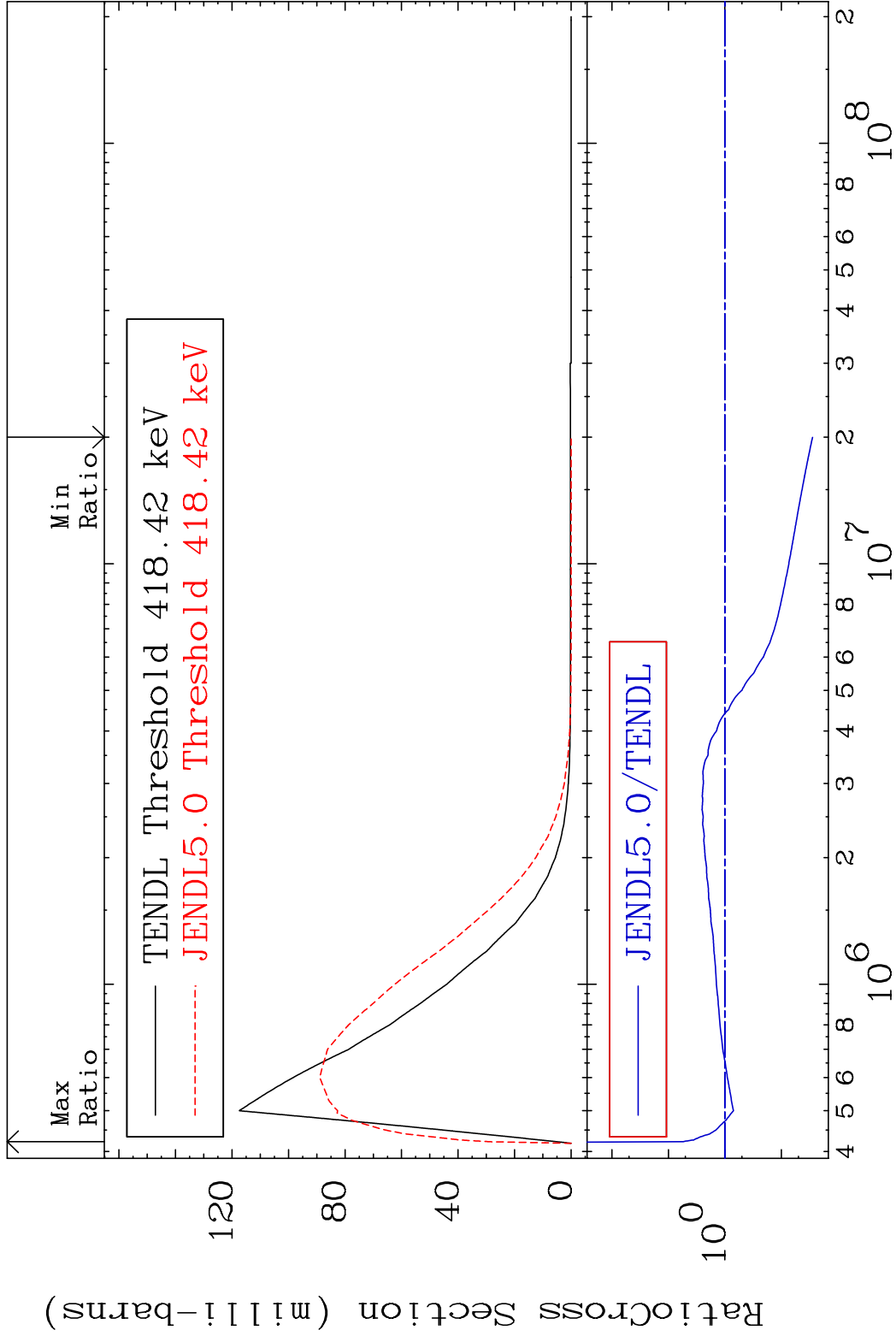
62-Sm-151

Cross Section

-93.04 To 337.3 %



MAT 6246 MT= 76 (n,n') Level 62-Sm-151
Cross Section -97.20 To 467.3 %



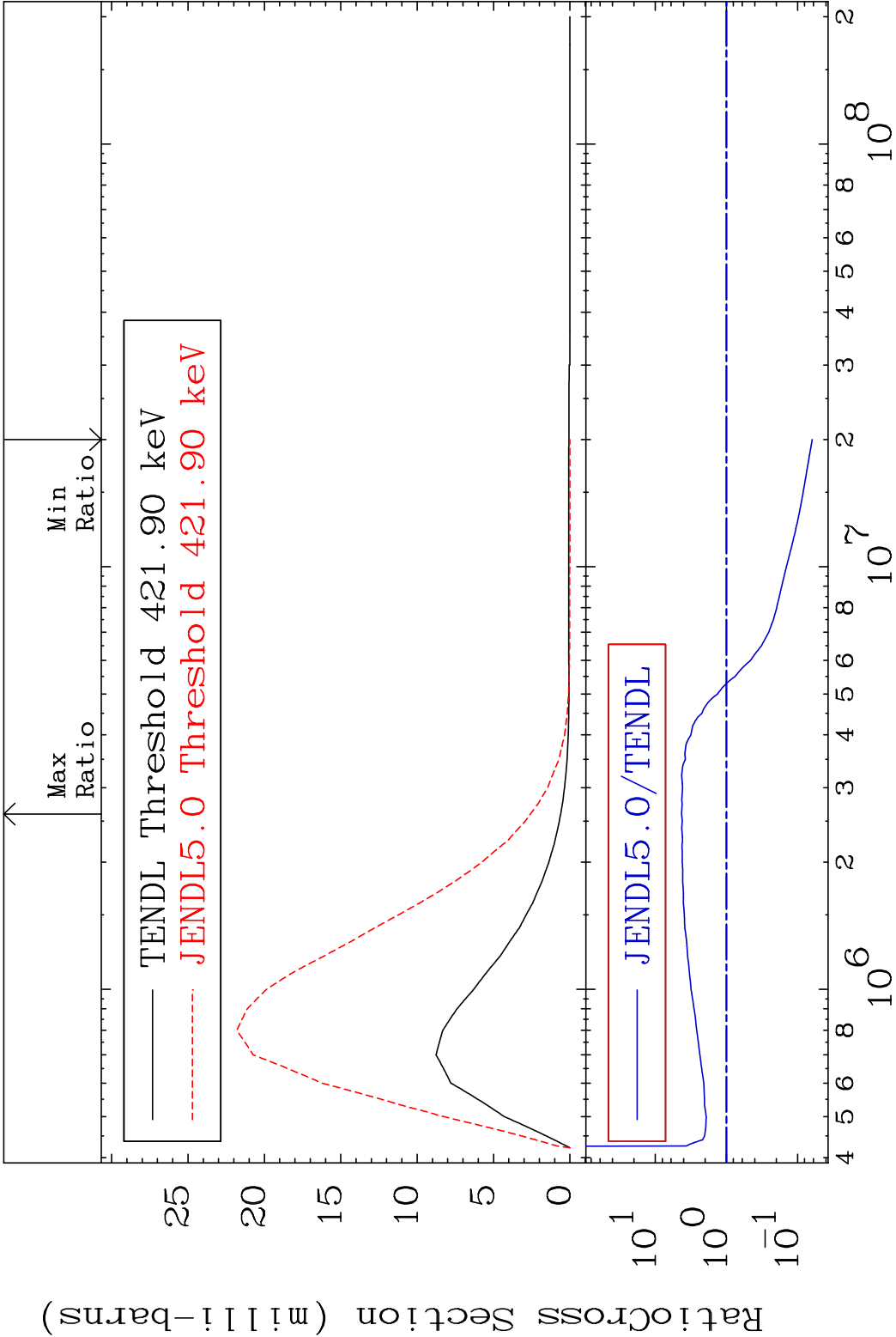
MAT 6246

MT= 77 (n,n') Level

62-Sm-151

Cross Section

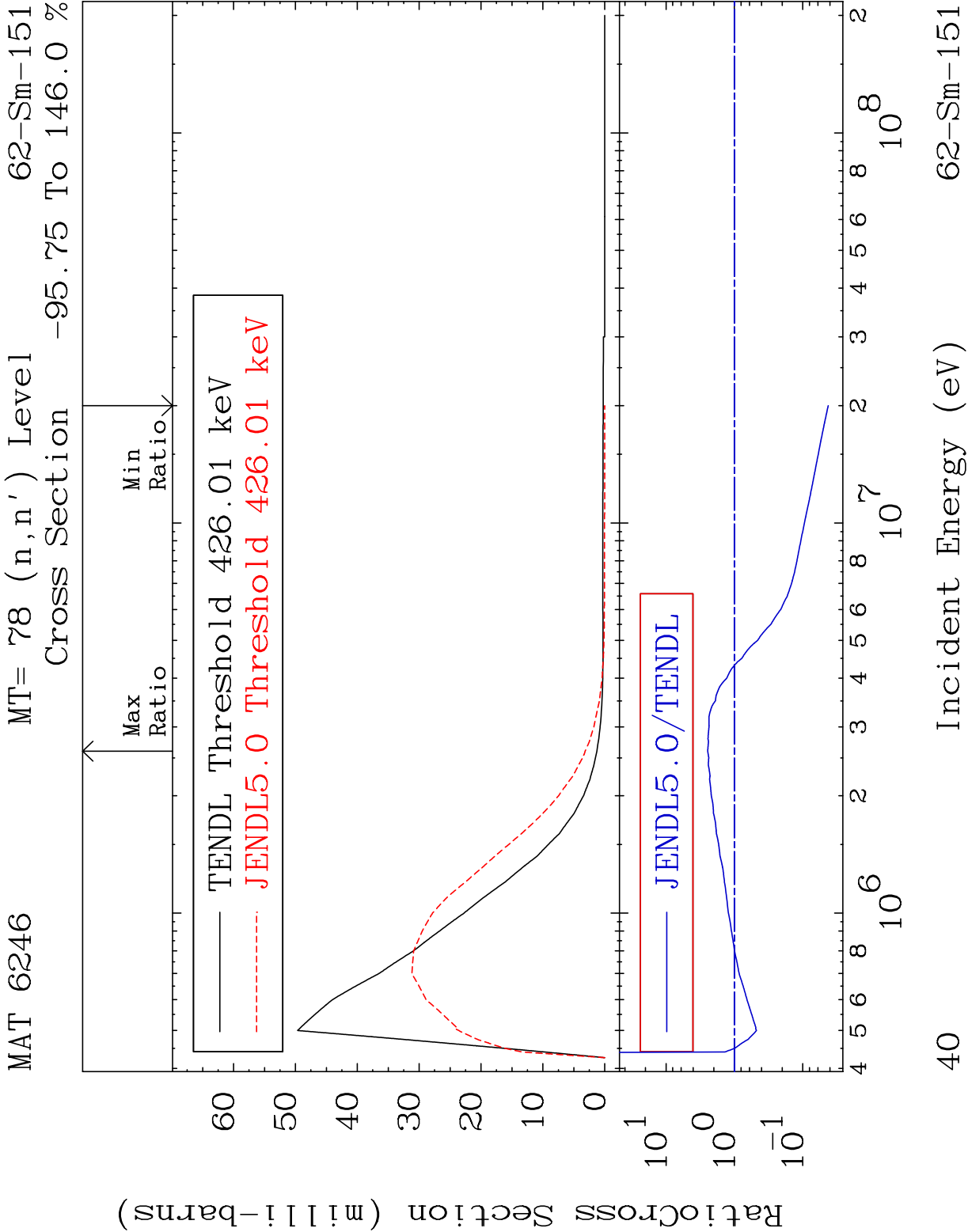
-93.75 To 328.6 %



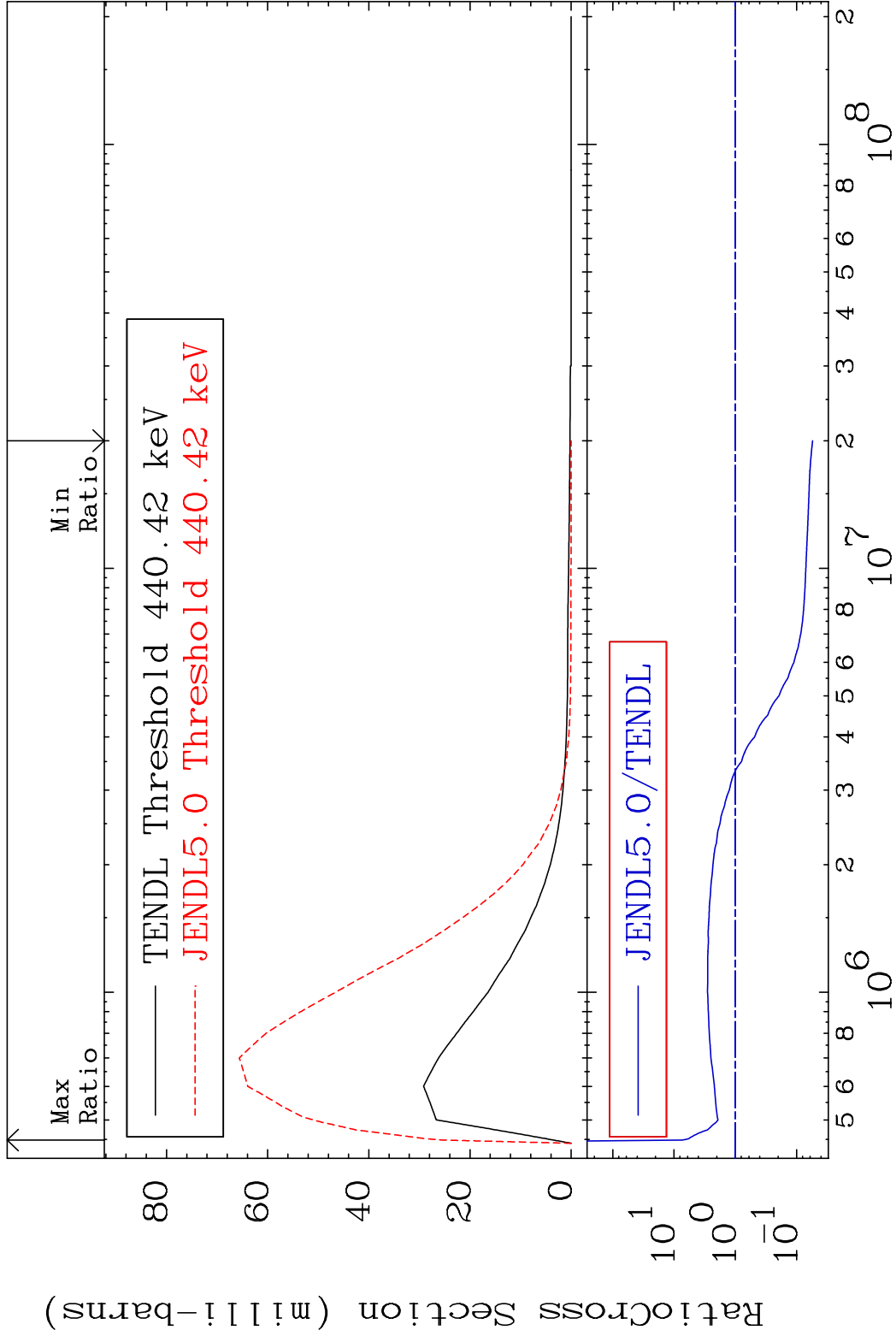
39

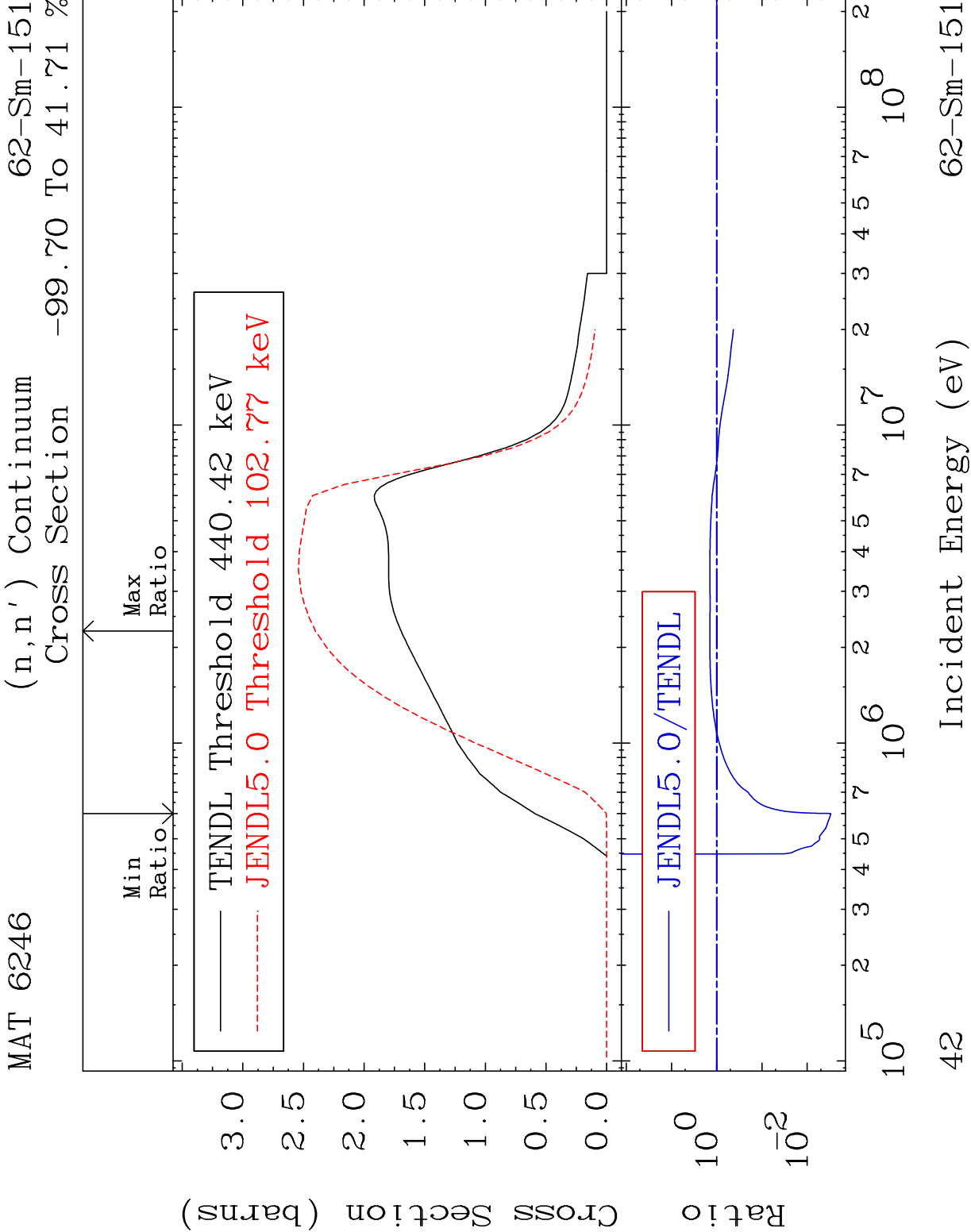
Incident Energy (eV)

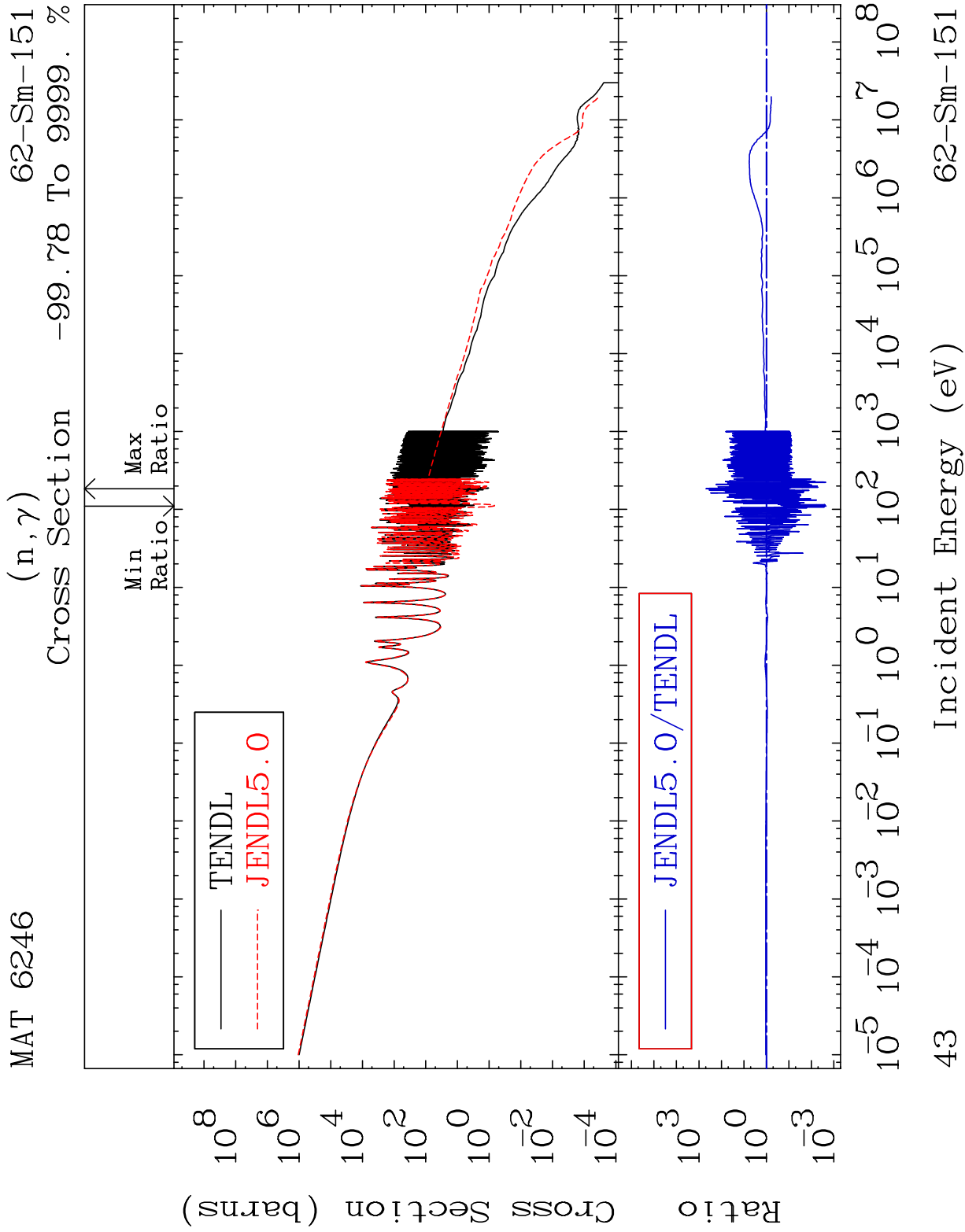
62-Sm-151

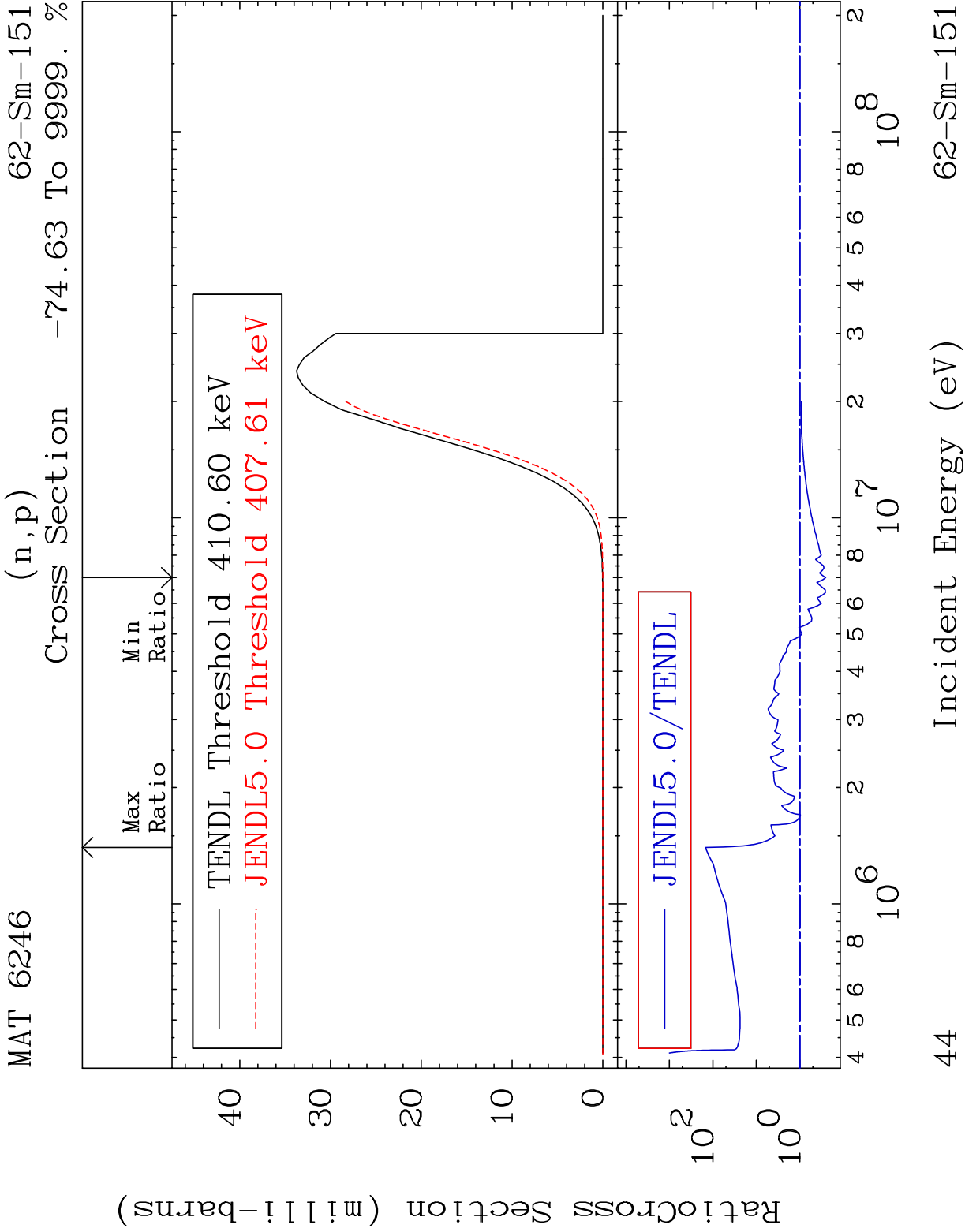


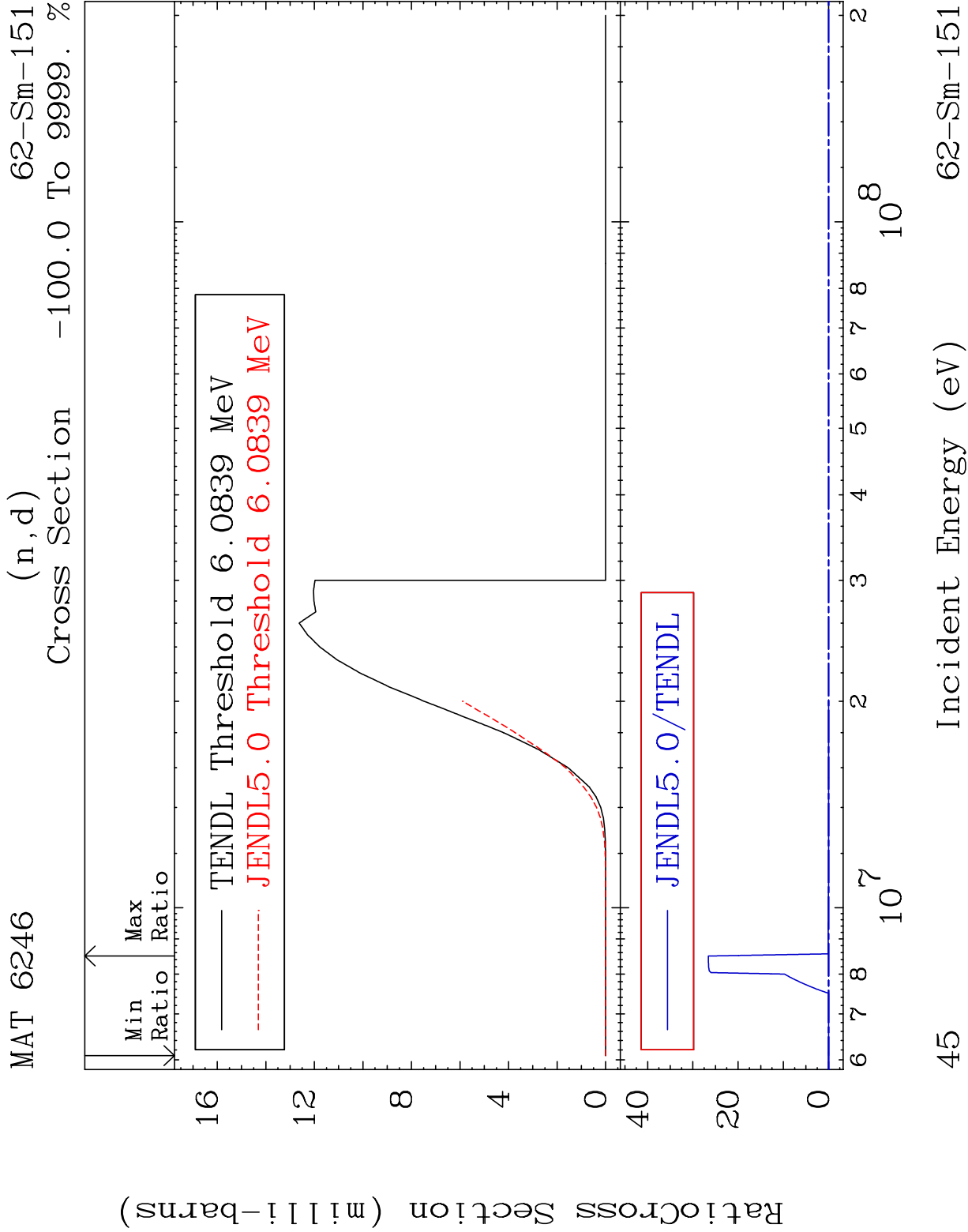
MAT 6246 MT= 79 (n,n') Level 62-Sm-151
Cross Section -94.51 To 631.2 %

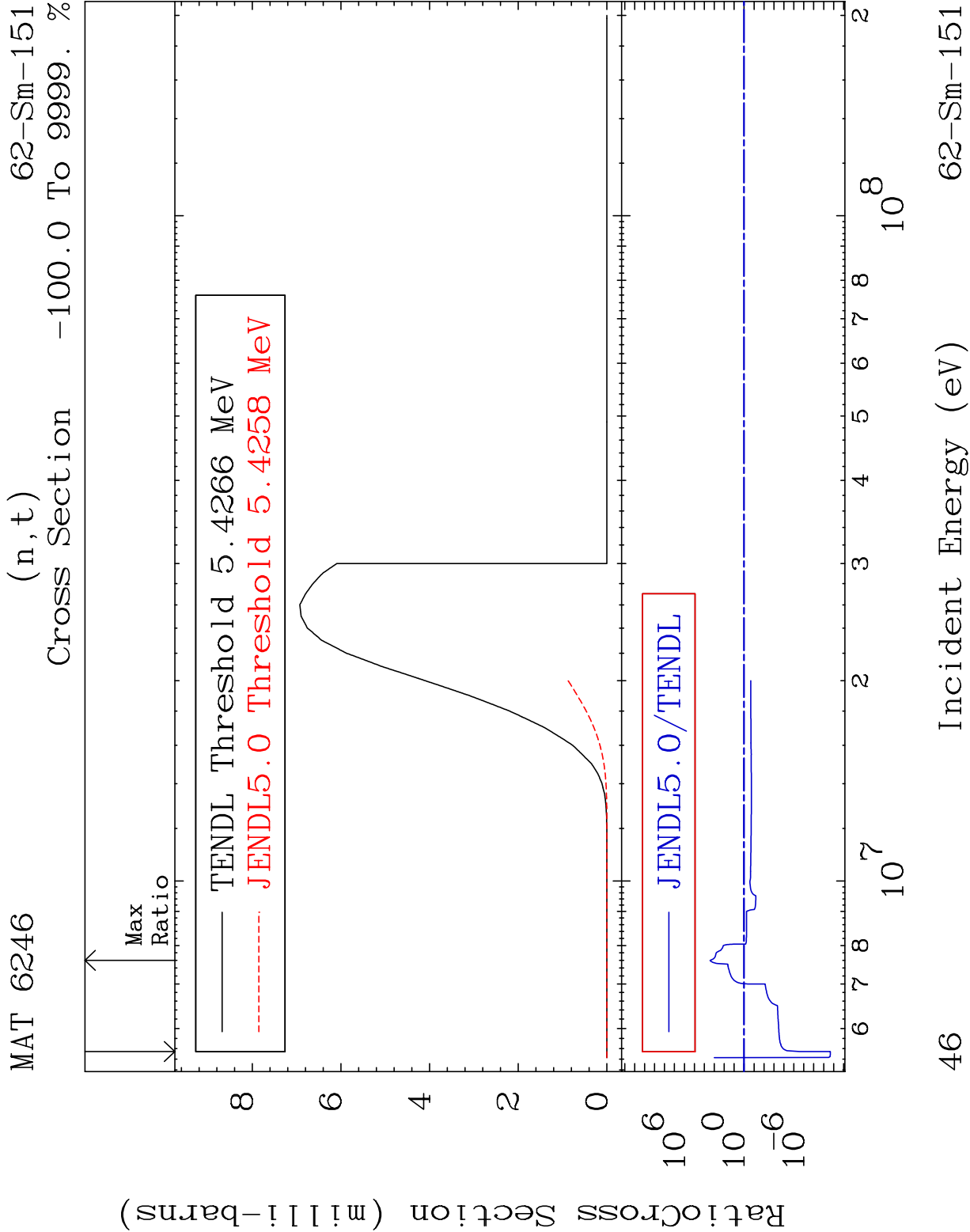


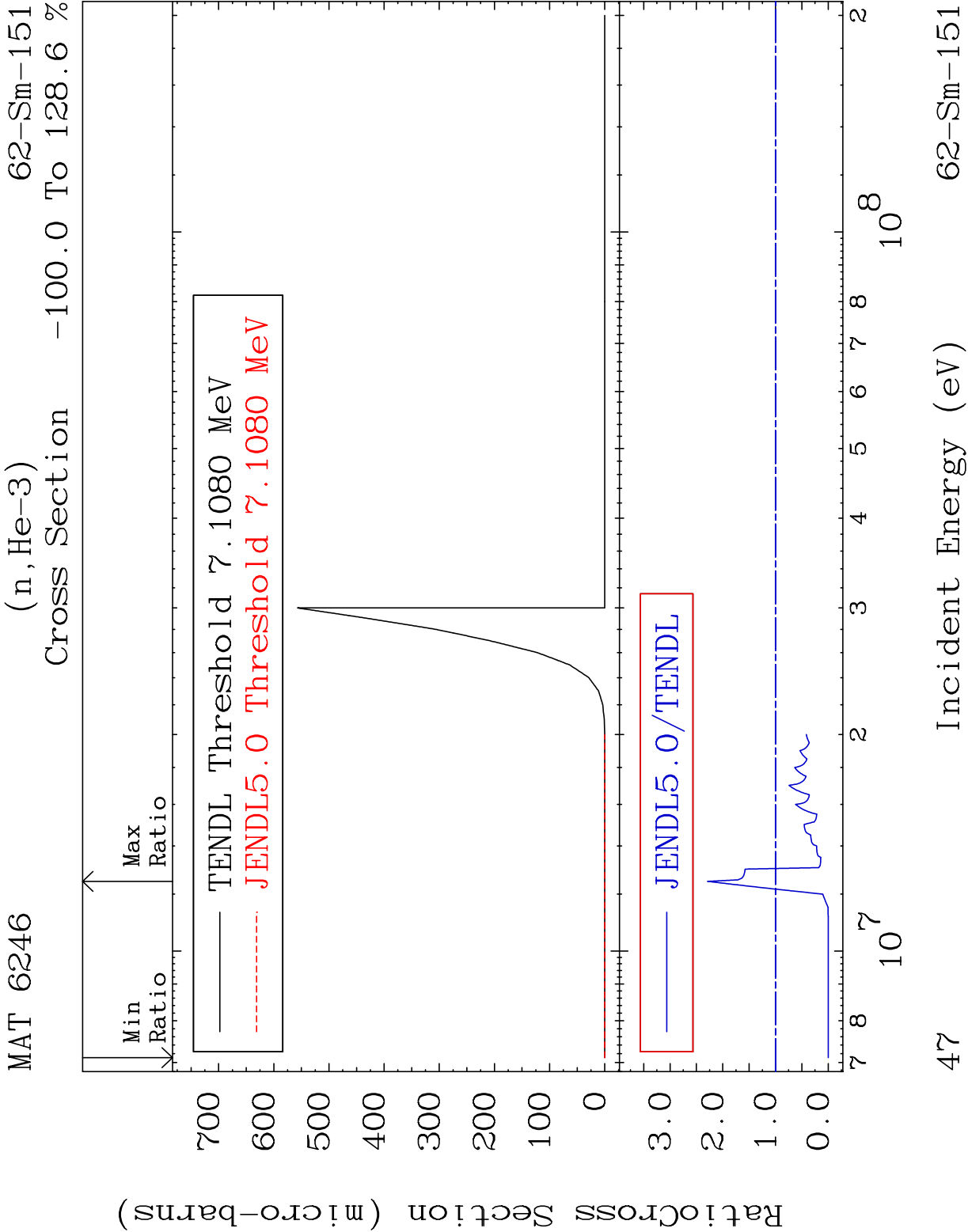


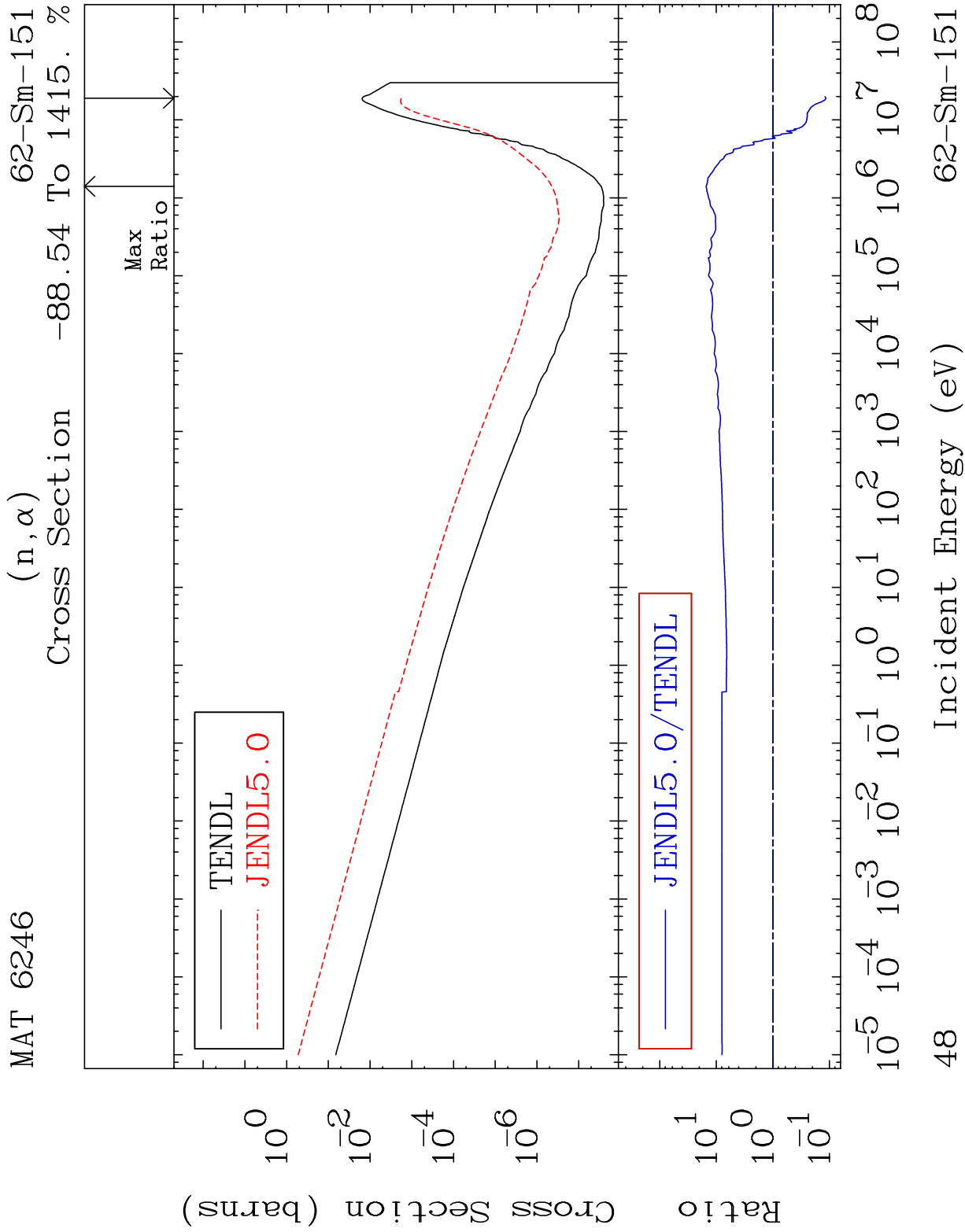


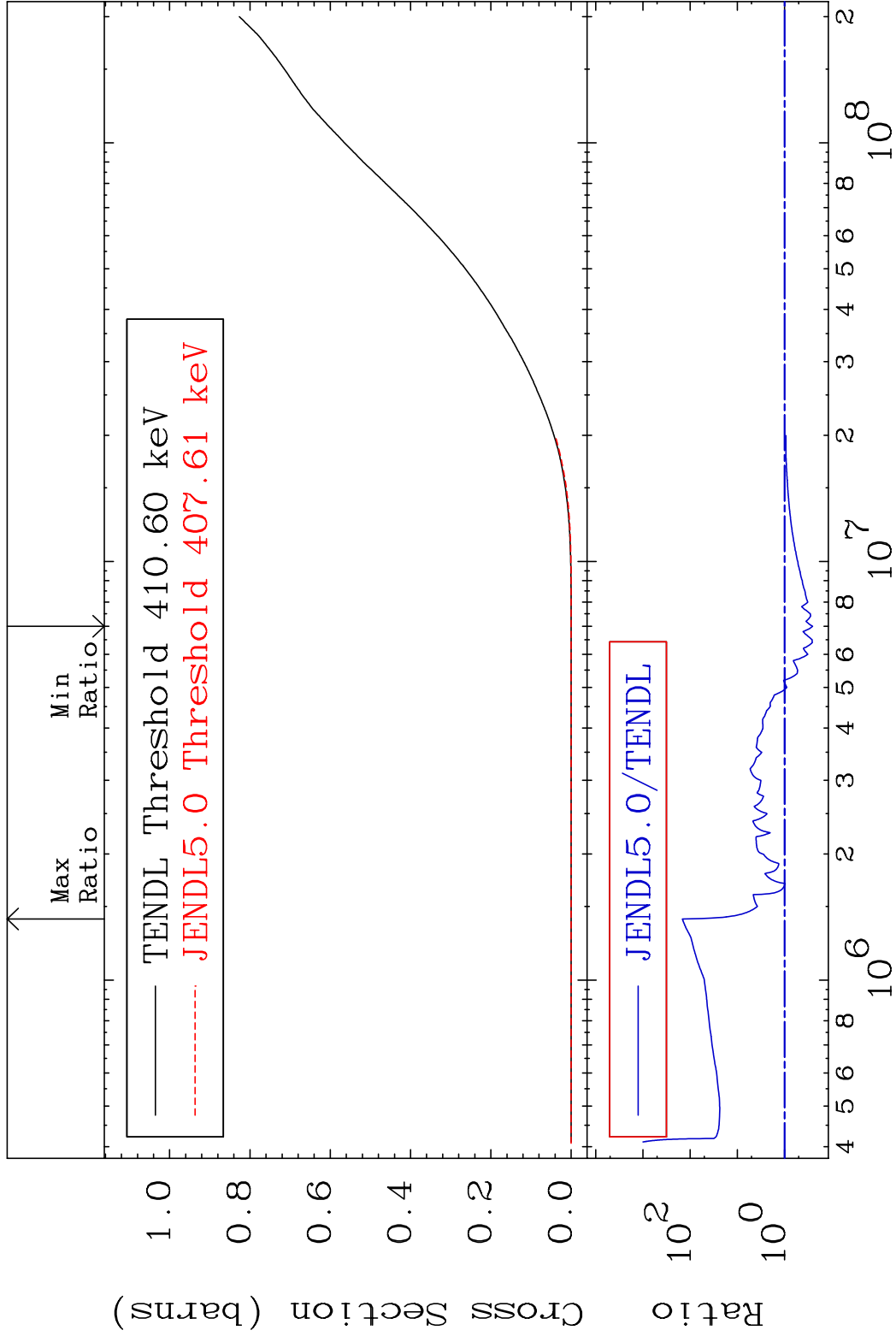


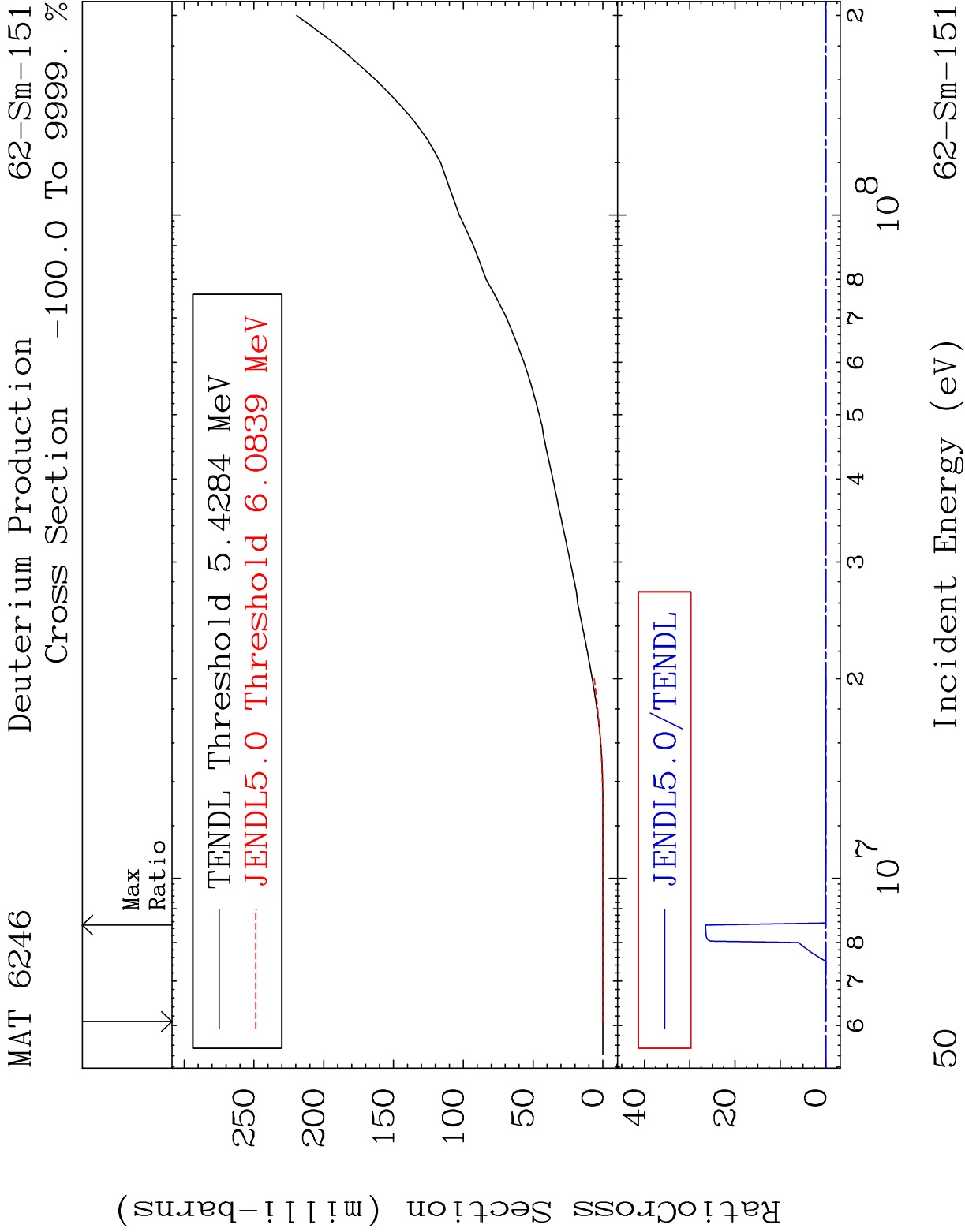


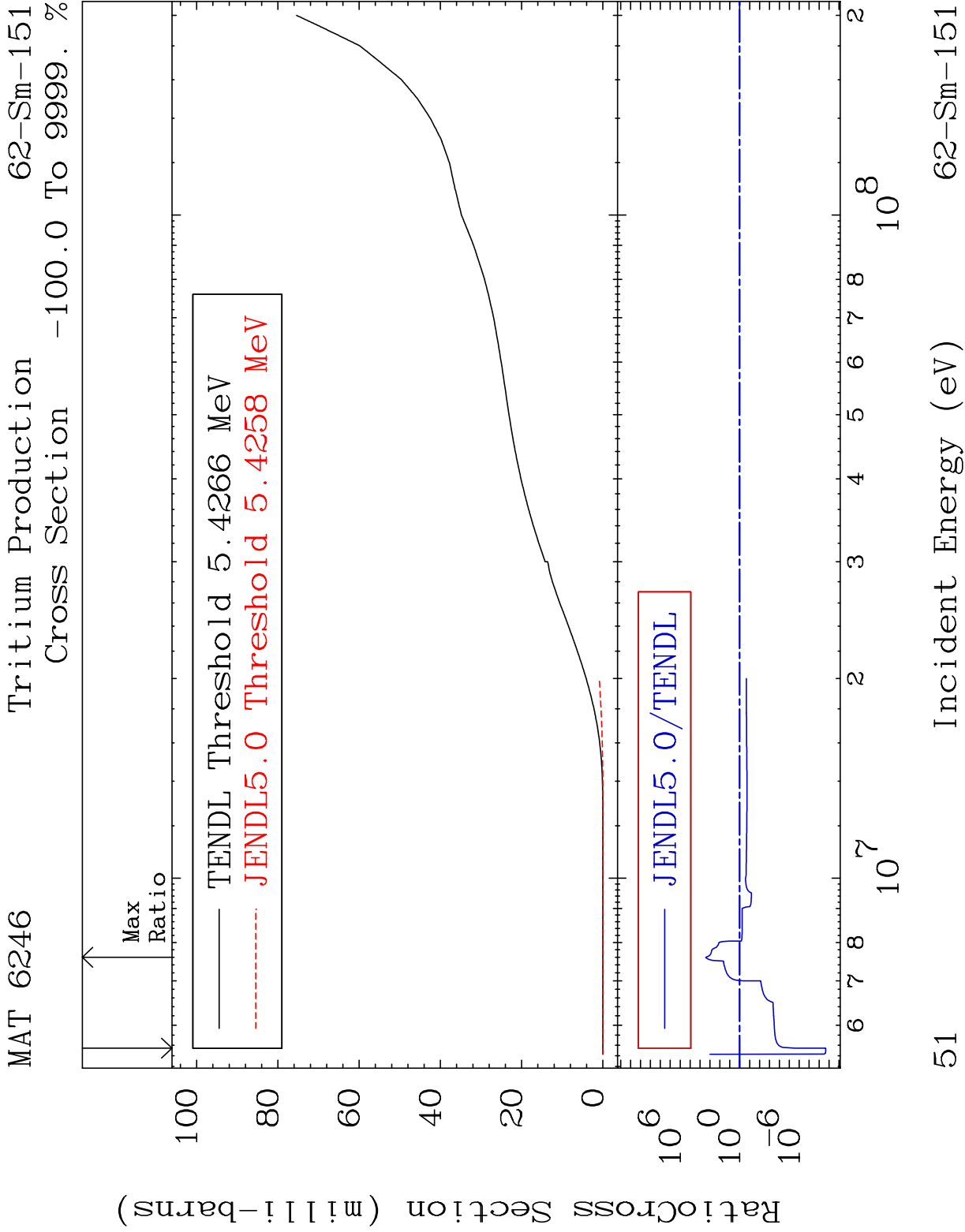


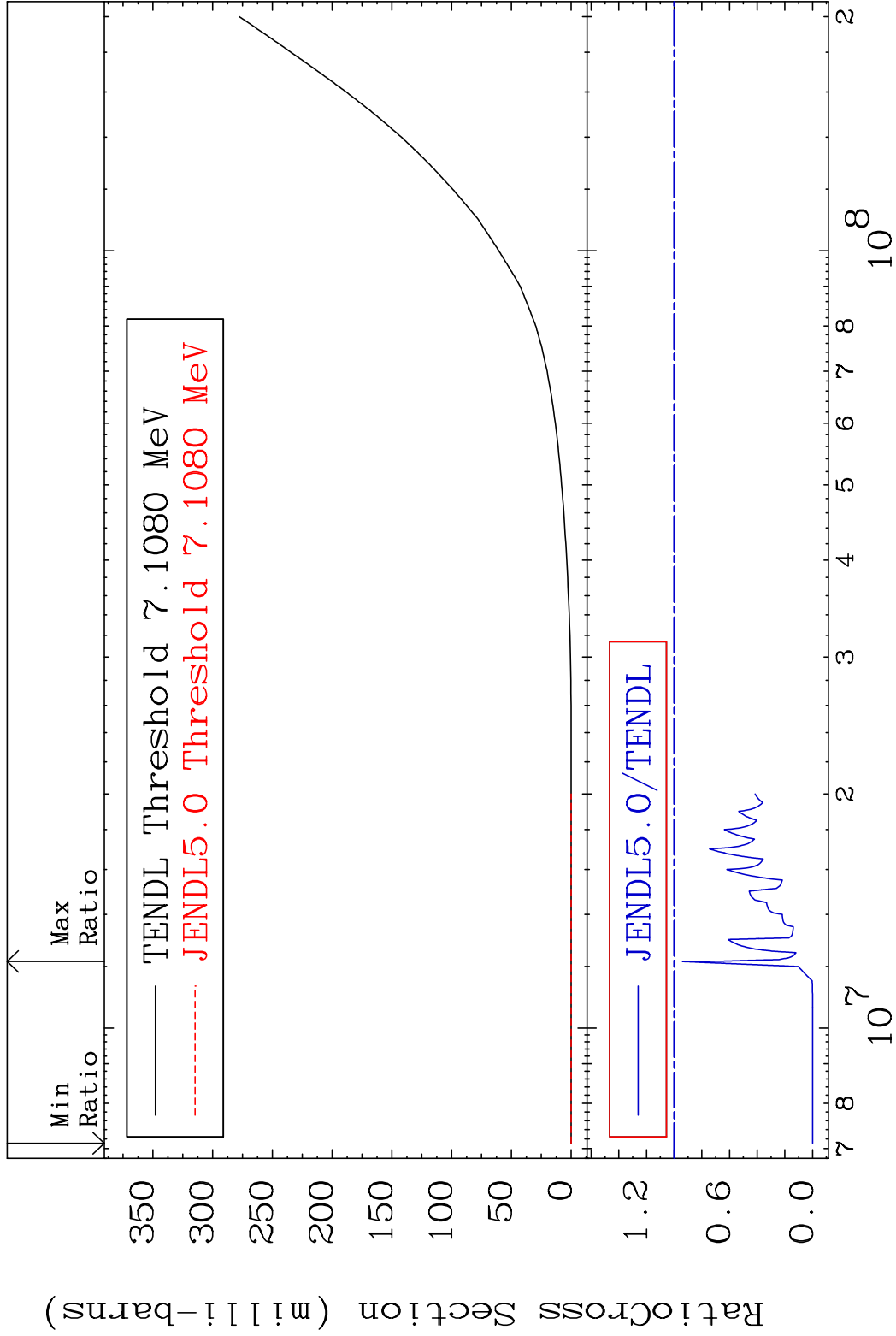


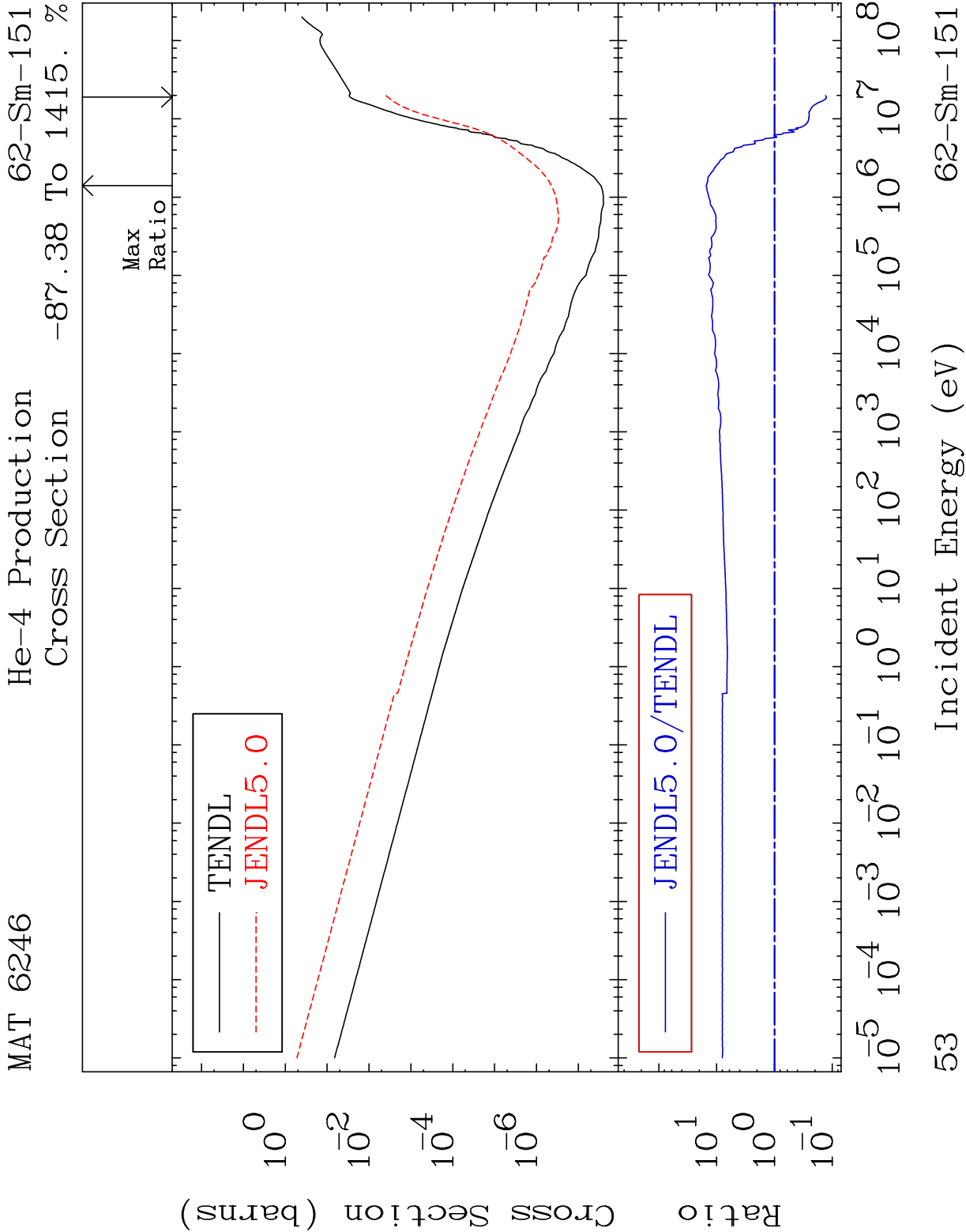




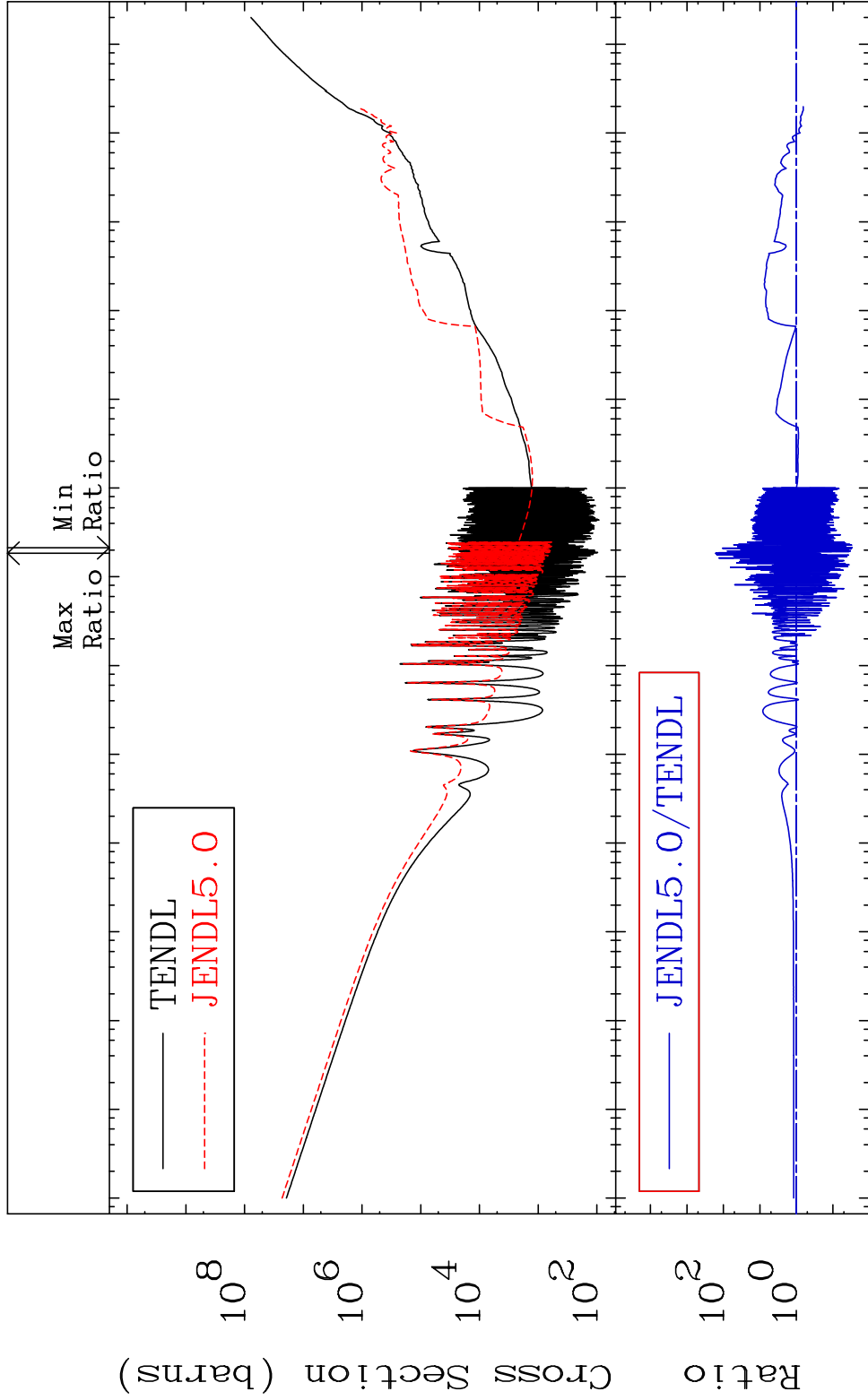




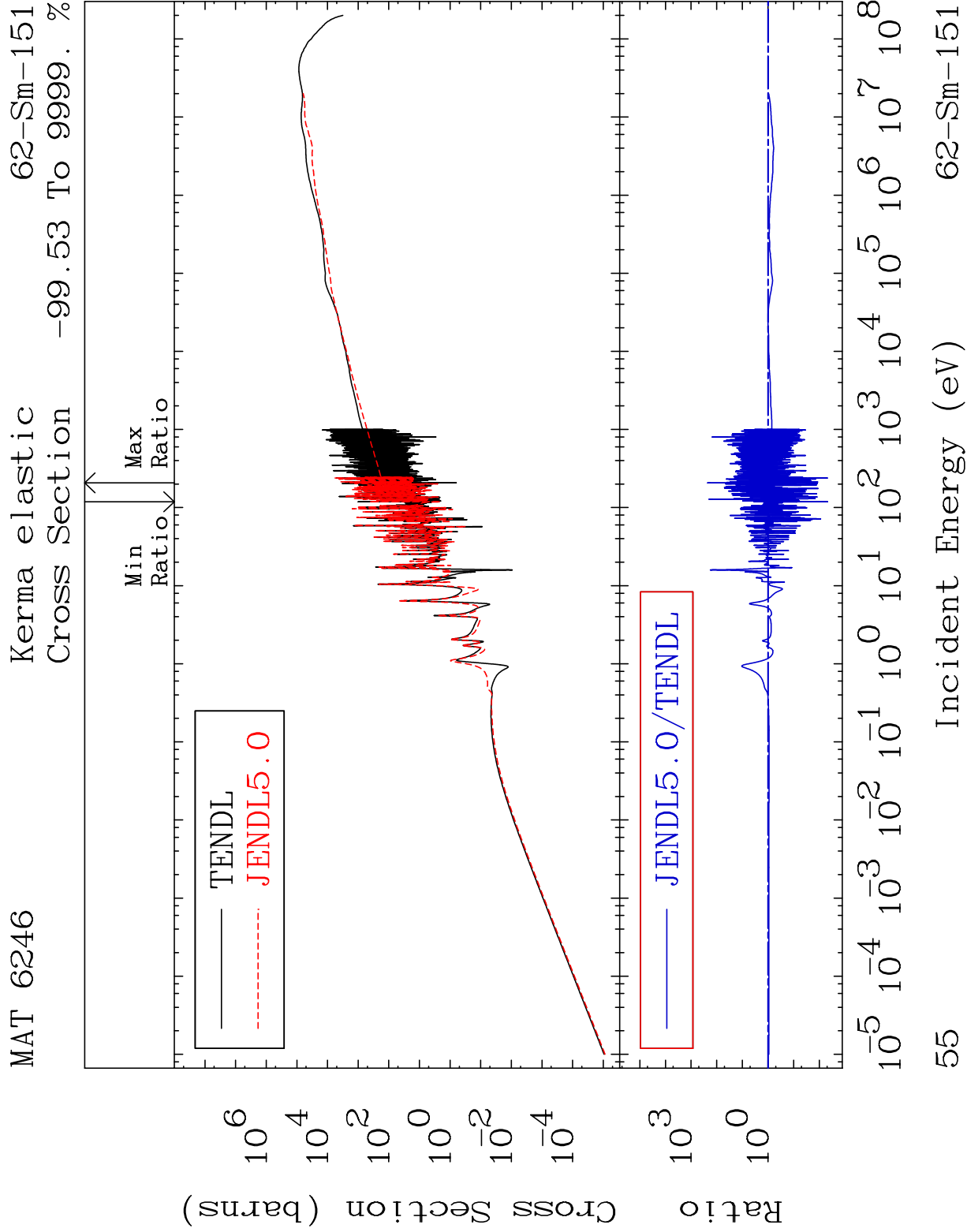


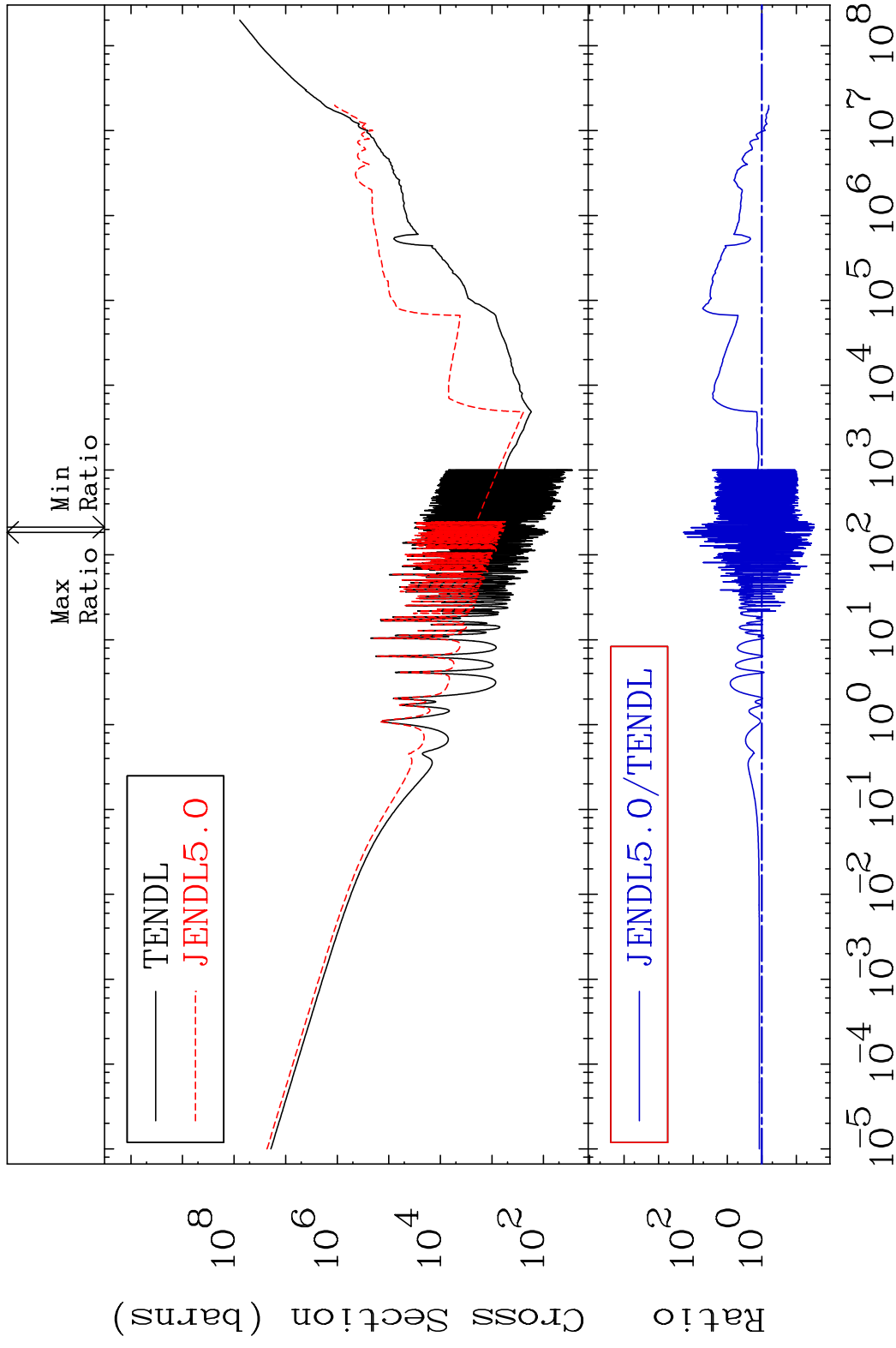


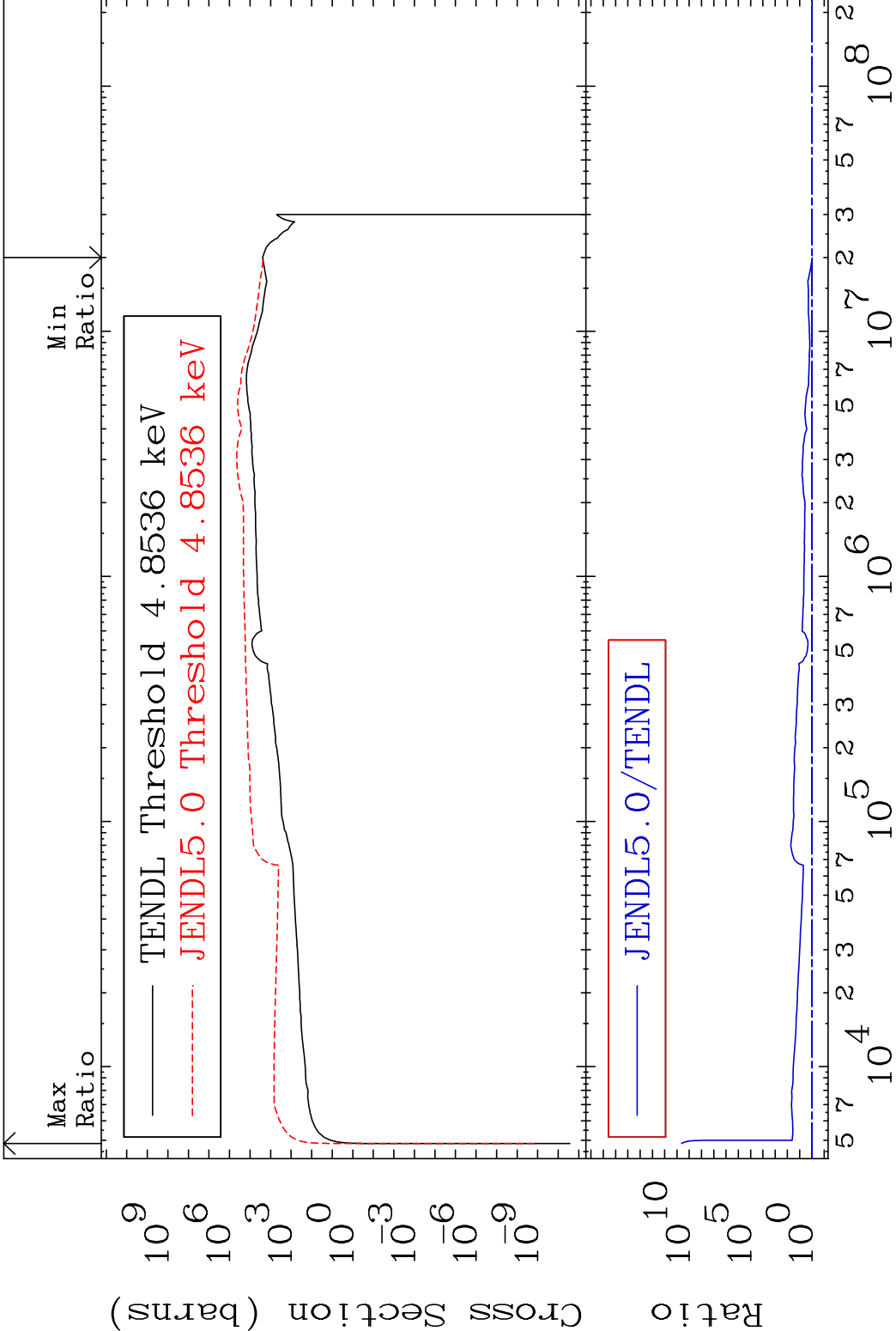
MAT 6246 Kerma total (eV-barns) 62-Sm-151
 Cross Section -97.06 To 9999. %



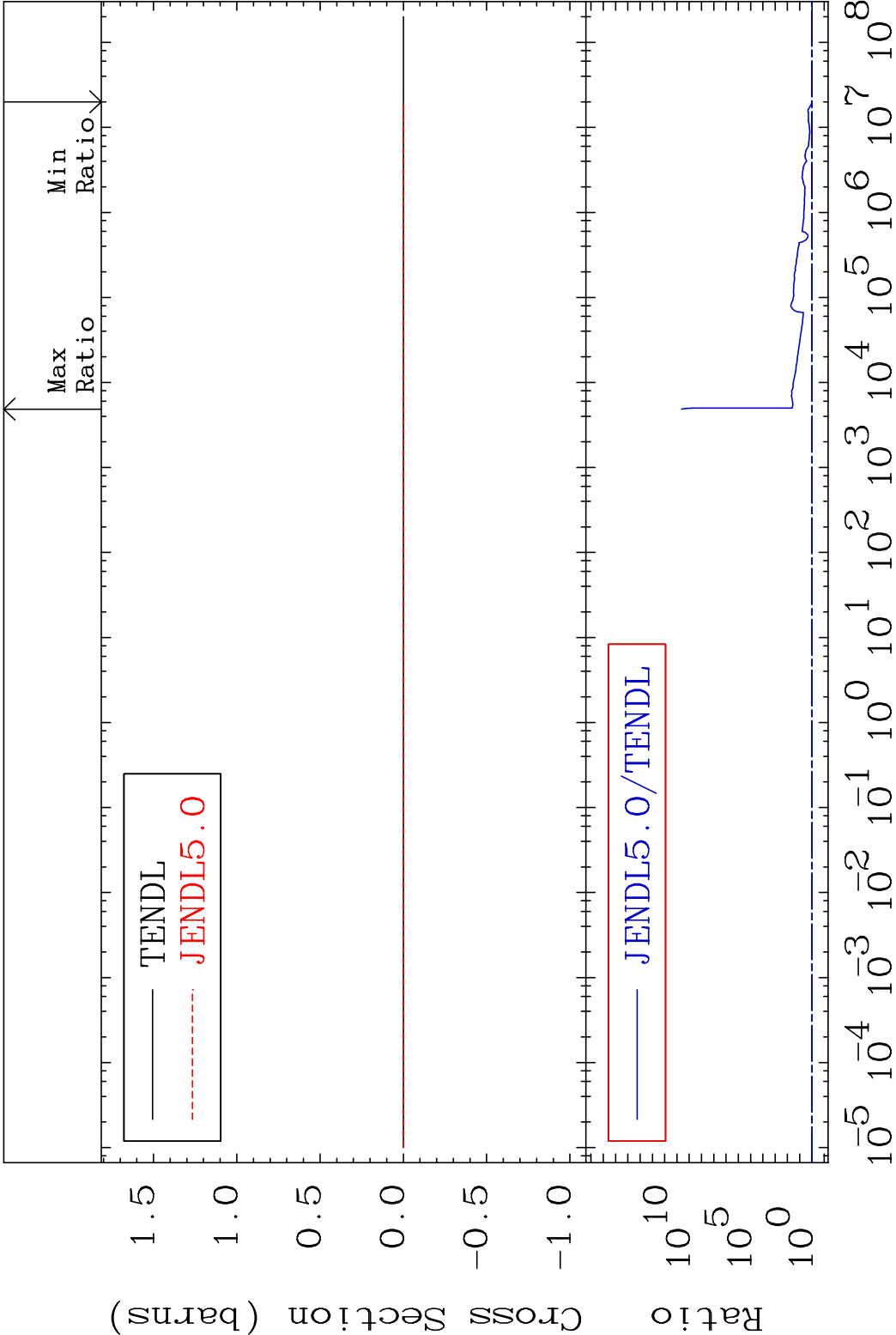
54 Incident Energy (eV) 62-Sm-151



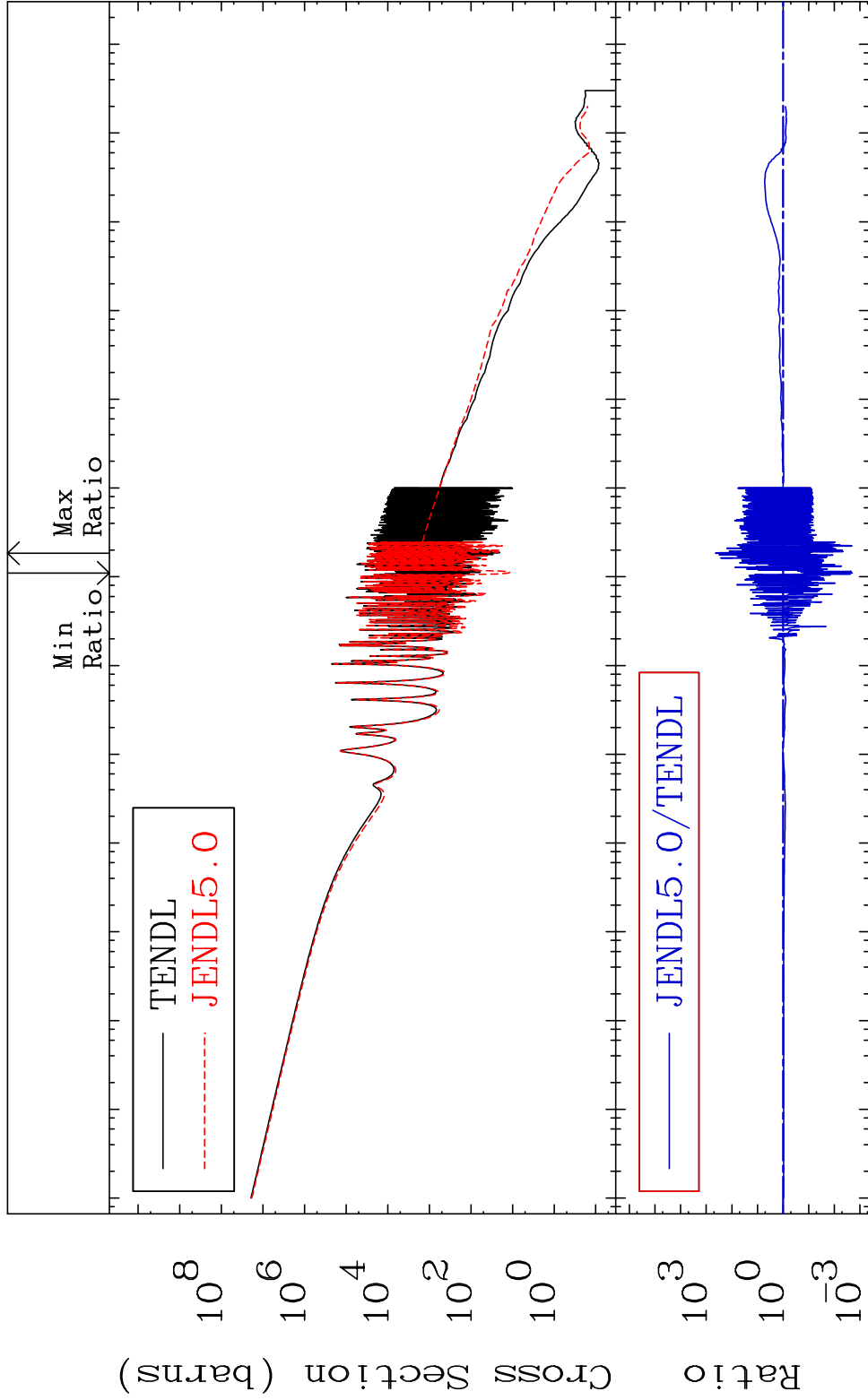


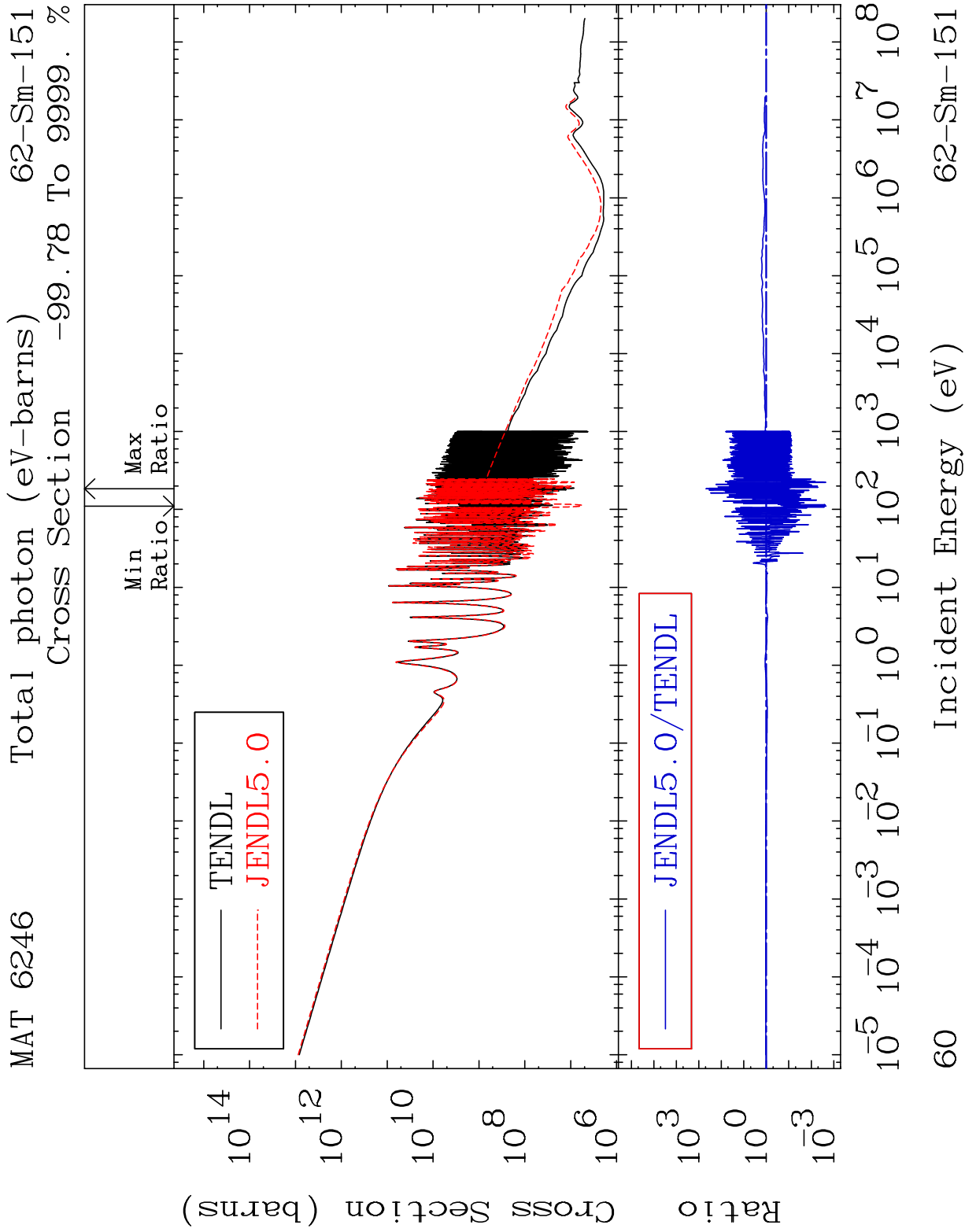


MAT 6246 Kerma fission (mt18 or mt19-20-21-38) 62-Sm-151
Cross Section -4.853 To 9999. %

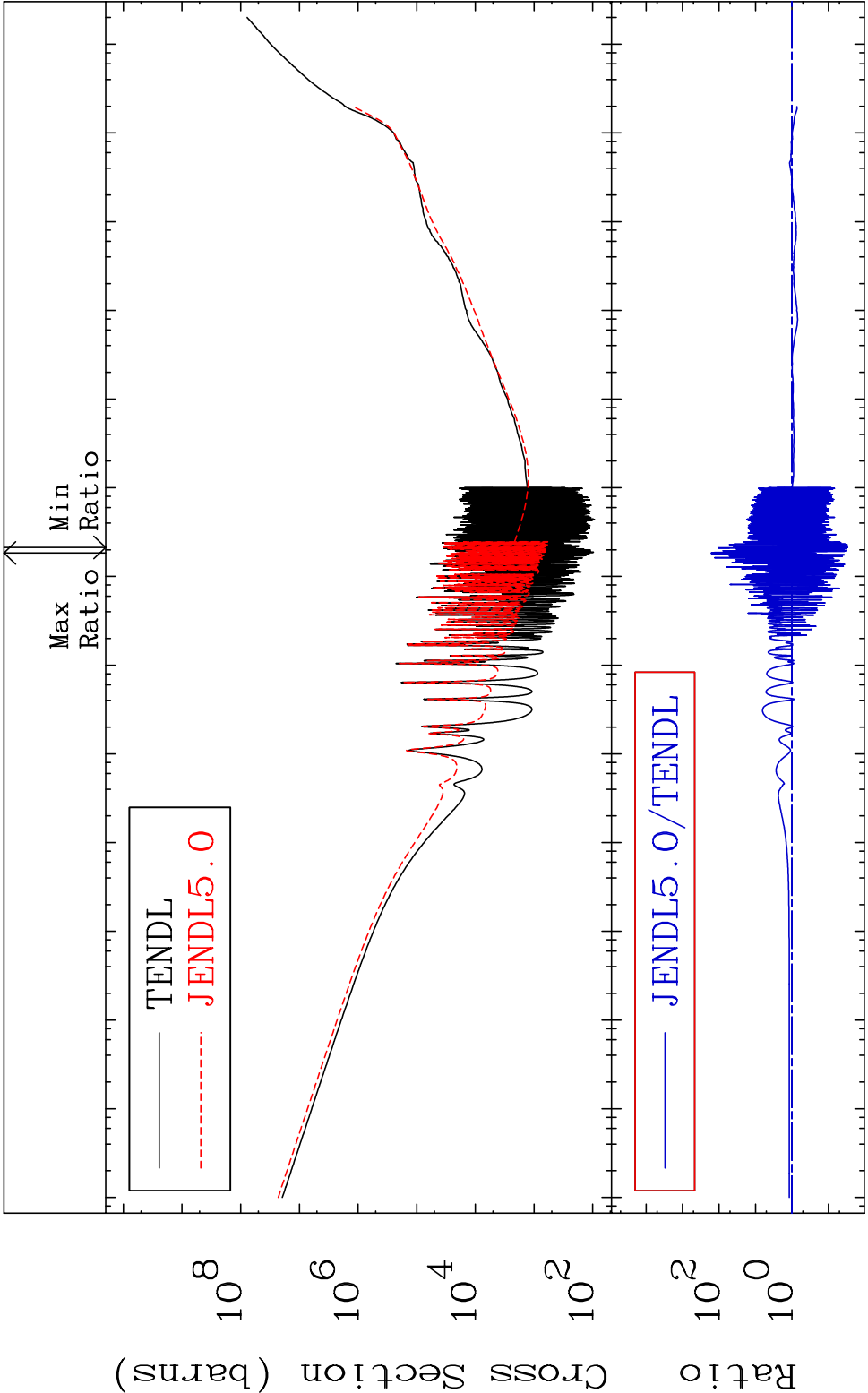


MAT 6246 Kerma capture (mt102) 62-Sm-151
Cross Section -99.80 To 9999. %



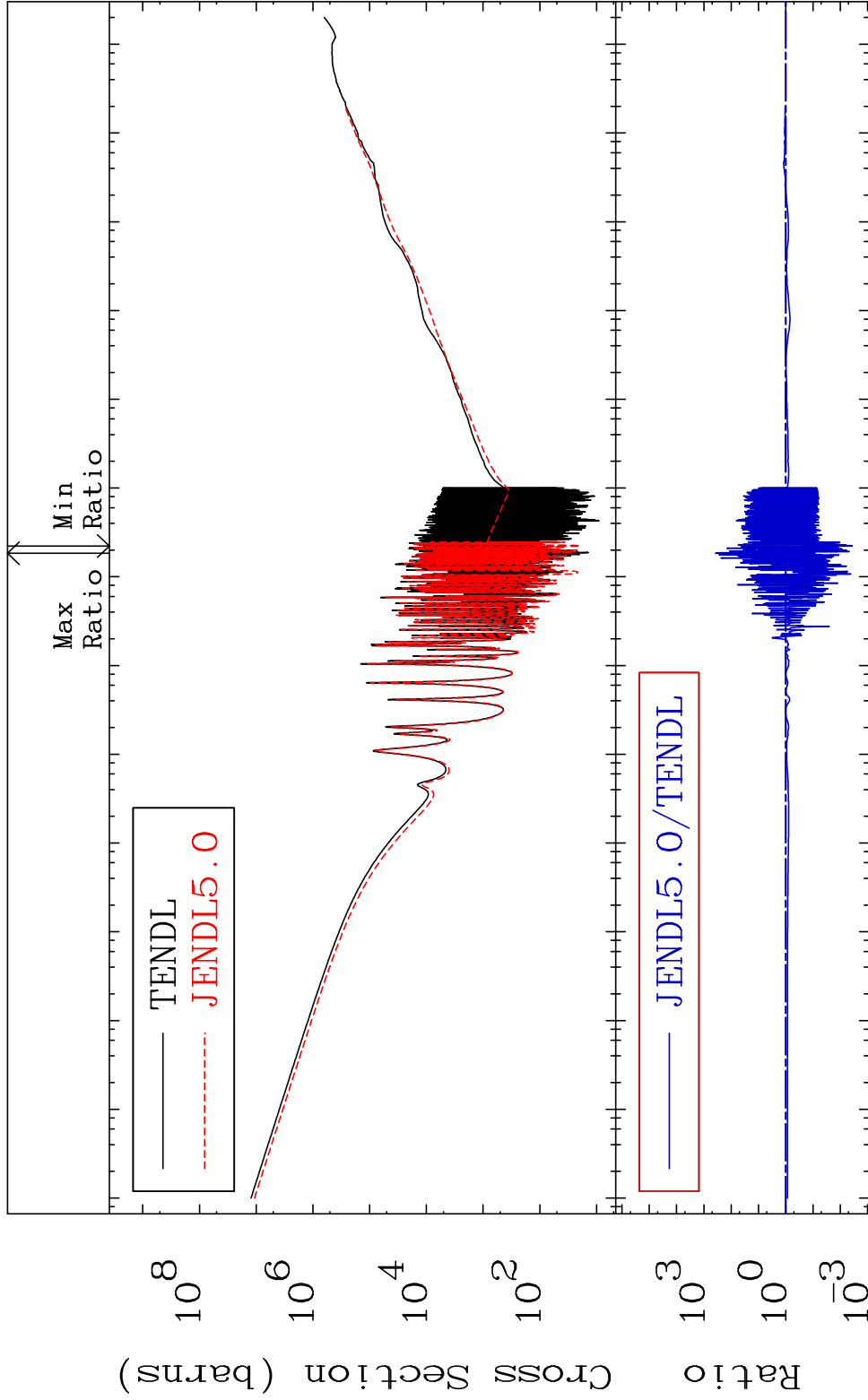


MAT 6246 Total kinematic kerma (high limit) 62-Sm-151
Cross Section -97.06 To 9999. %



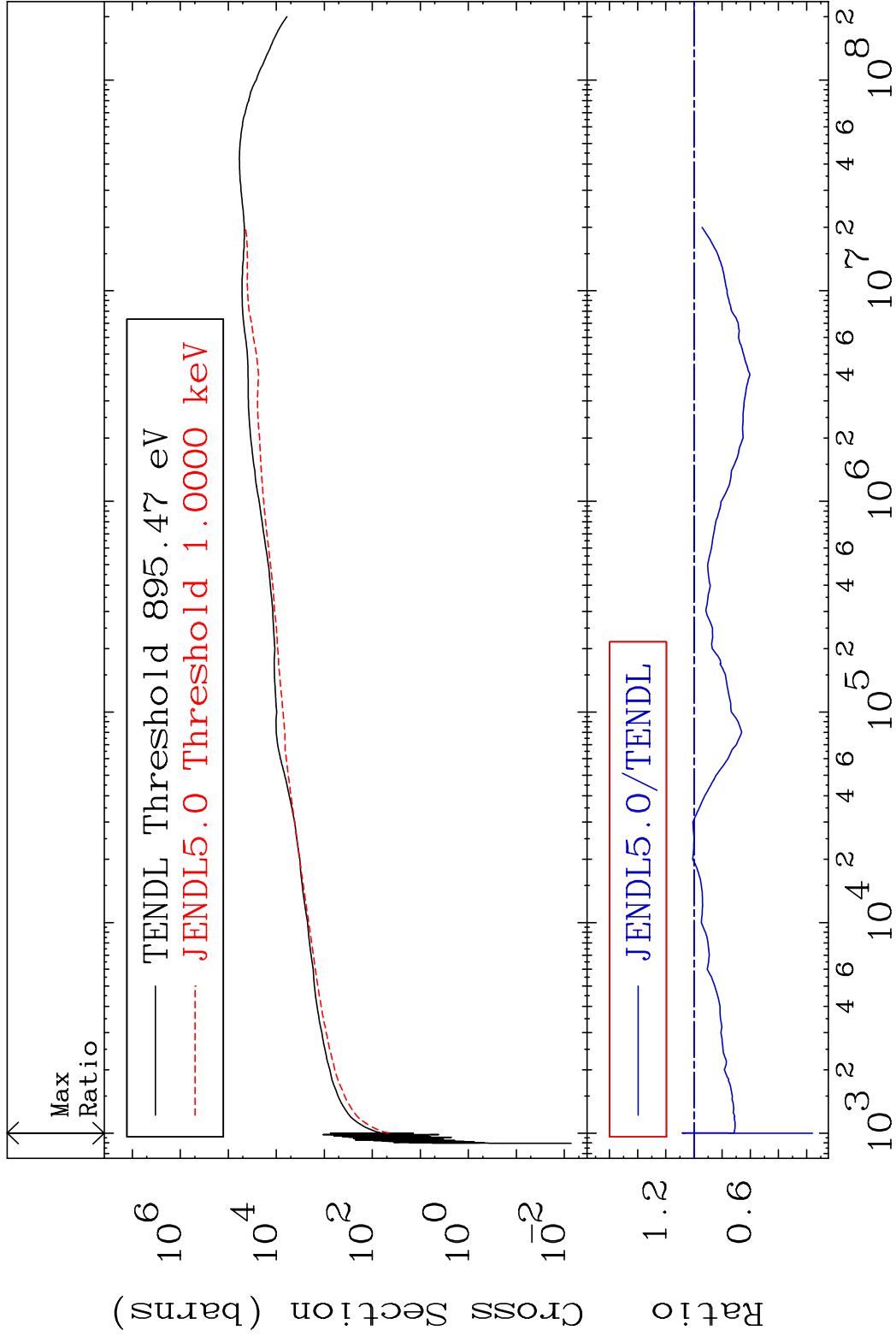
61 Incident Energy (eV) 62-Sm-151

MAT 6246 Dpa total (eV-barns) 62-Sm-151
Cross Section -99.63 To 9999. %



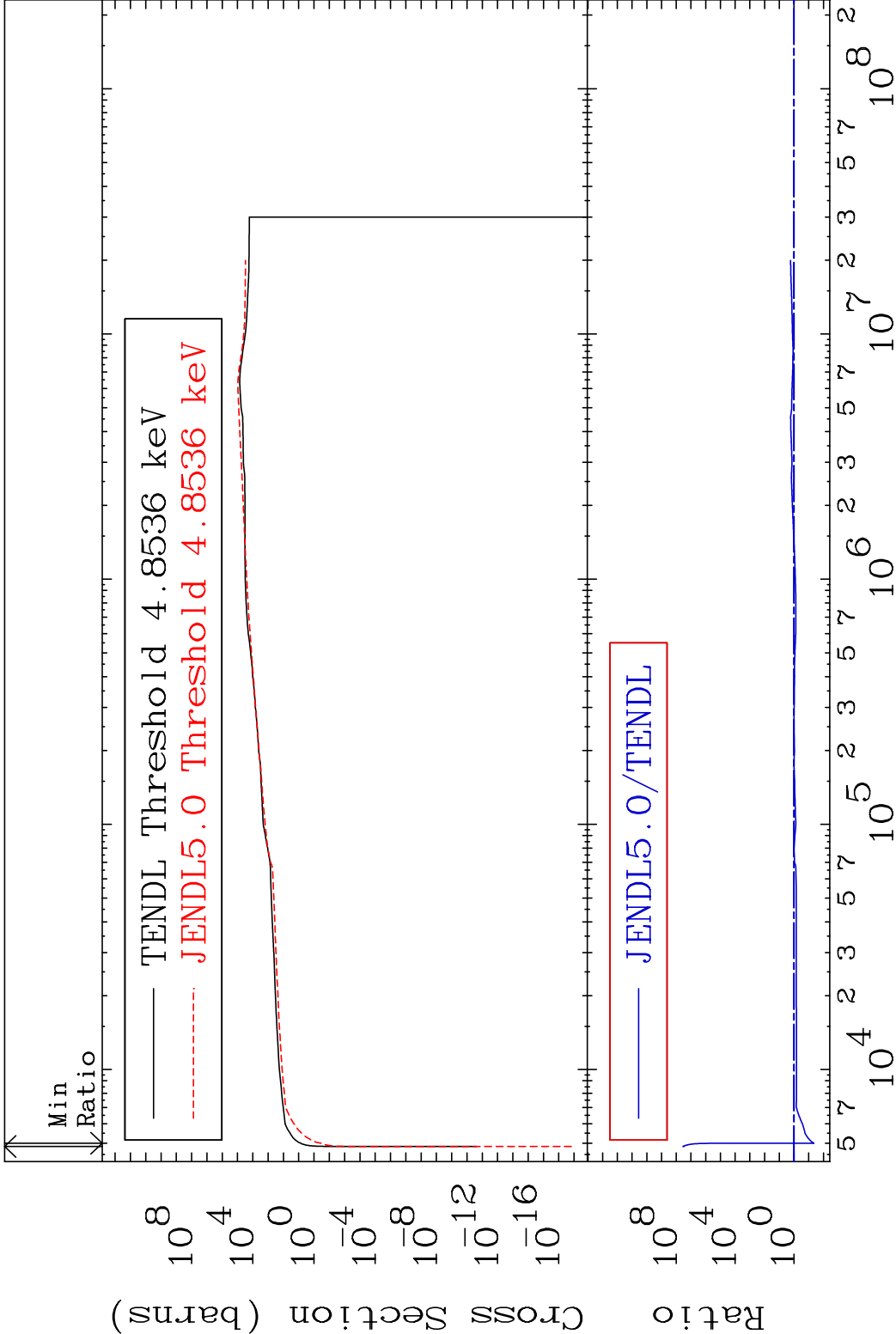
62 Incident Energy (eV) 62-Sm-151

MAT 6246 Dpa elastic (mt2) 62-Sm-151
Cross Section -84.18 To 8.268 %

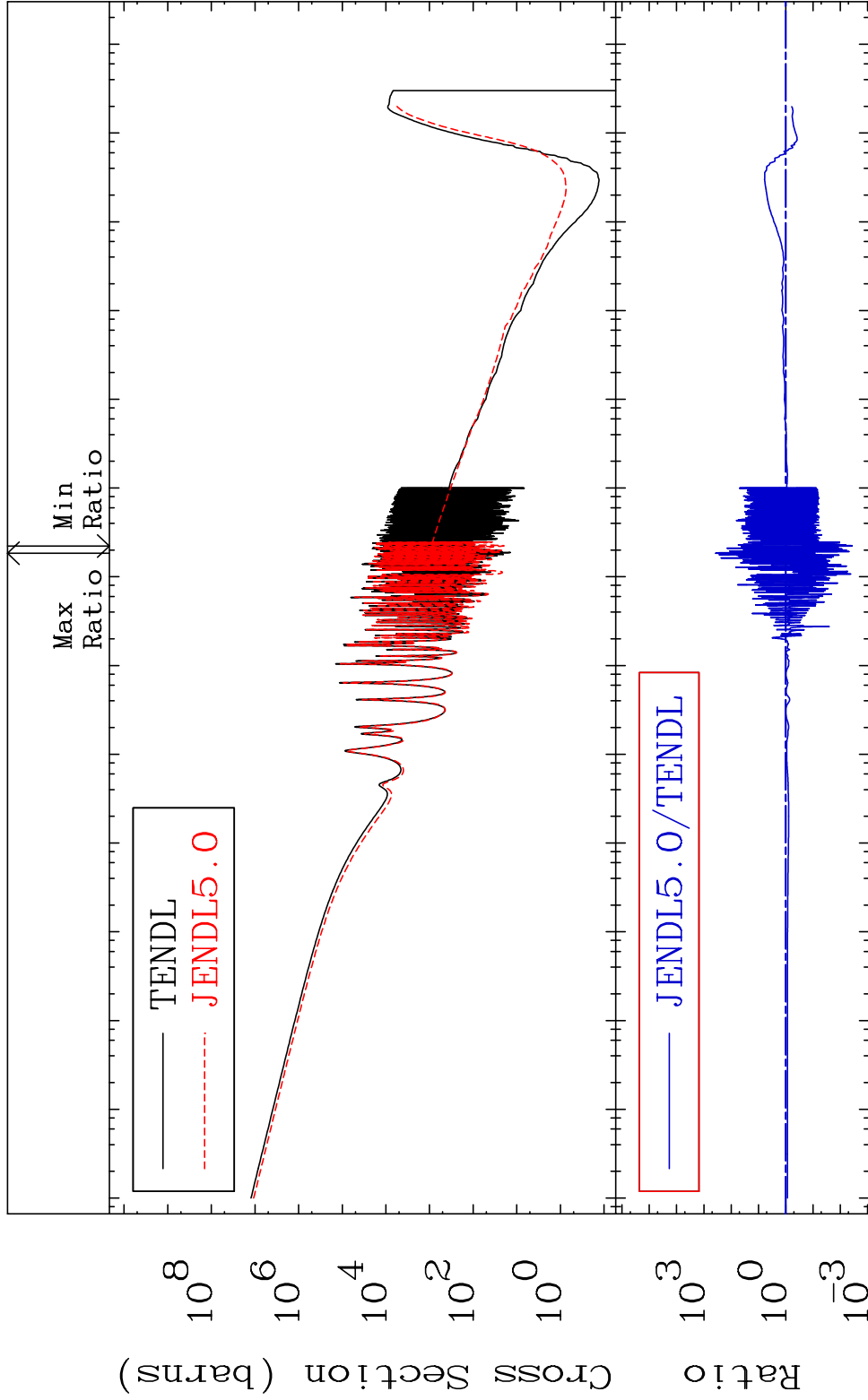


63 Incident Energy (eV) 62-Sm-151

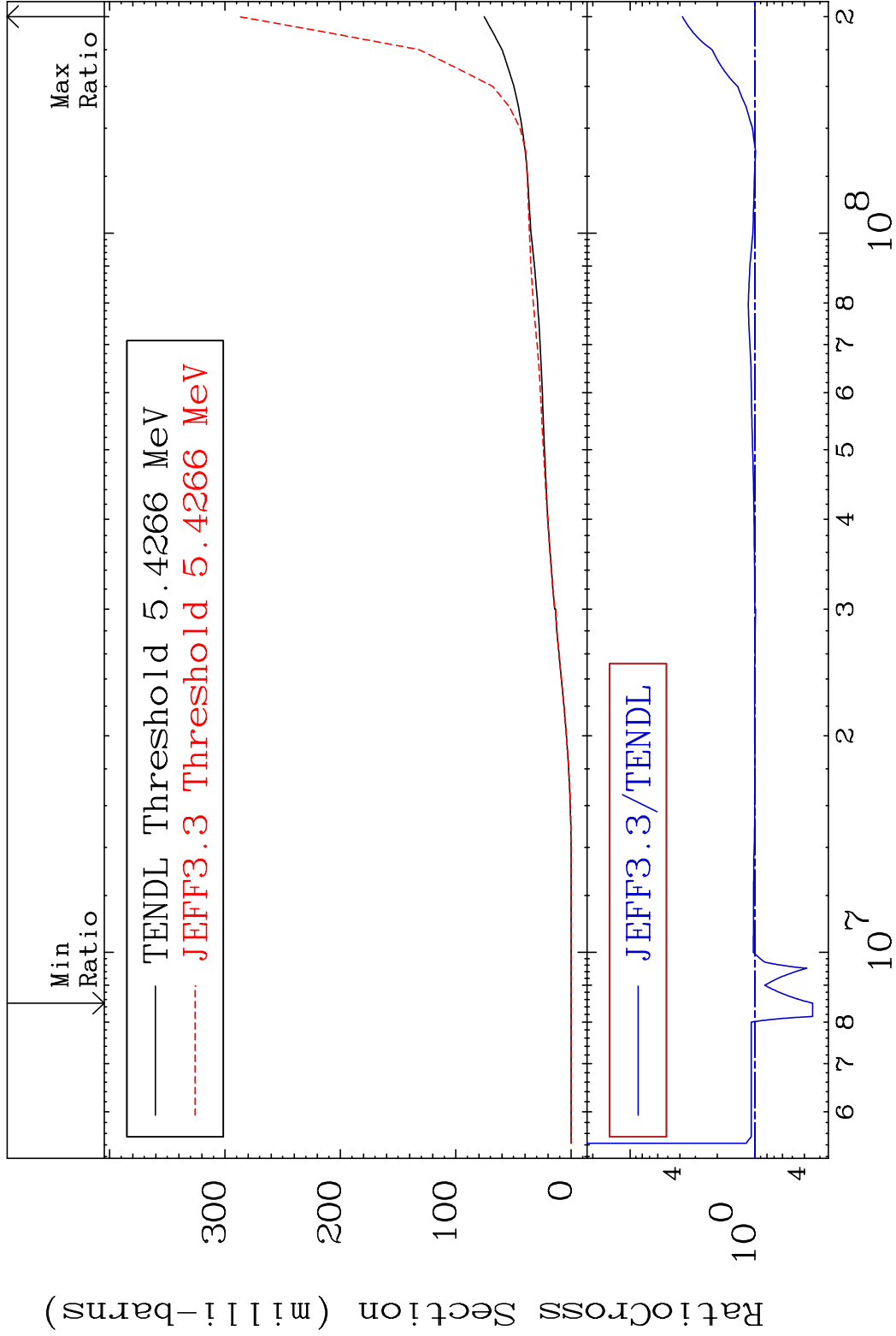
MAT 6246 Dpa inelastic (mt51-91) 62-Sm-151
Cross Section -95.53 To 9999. %



MAT 6246 Dpa disappearance (mt102 -120) 62-Sm-151
Cross Section -99.63 To 9999. %



65 Incident Energy (eV) 62-Sm-151

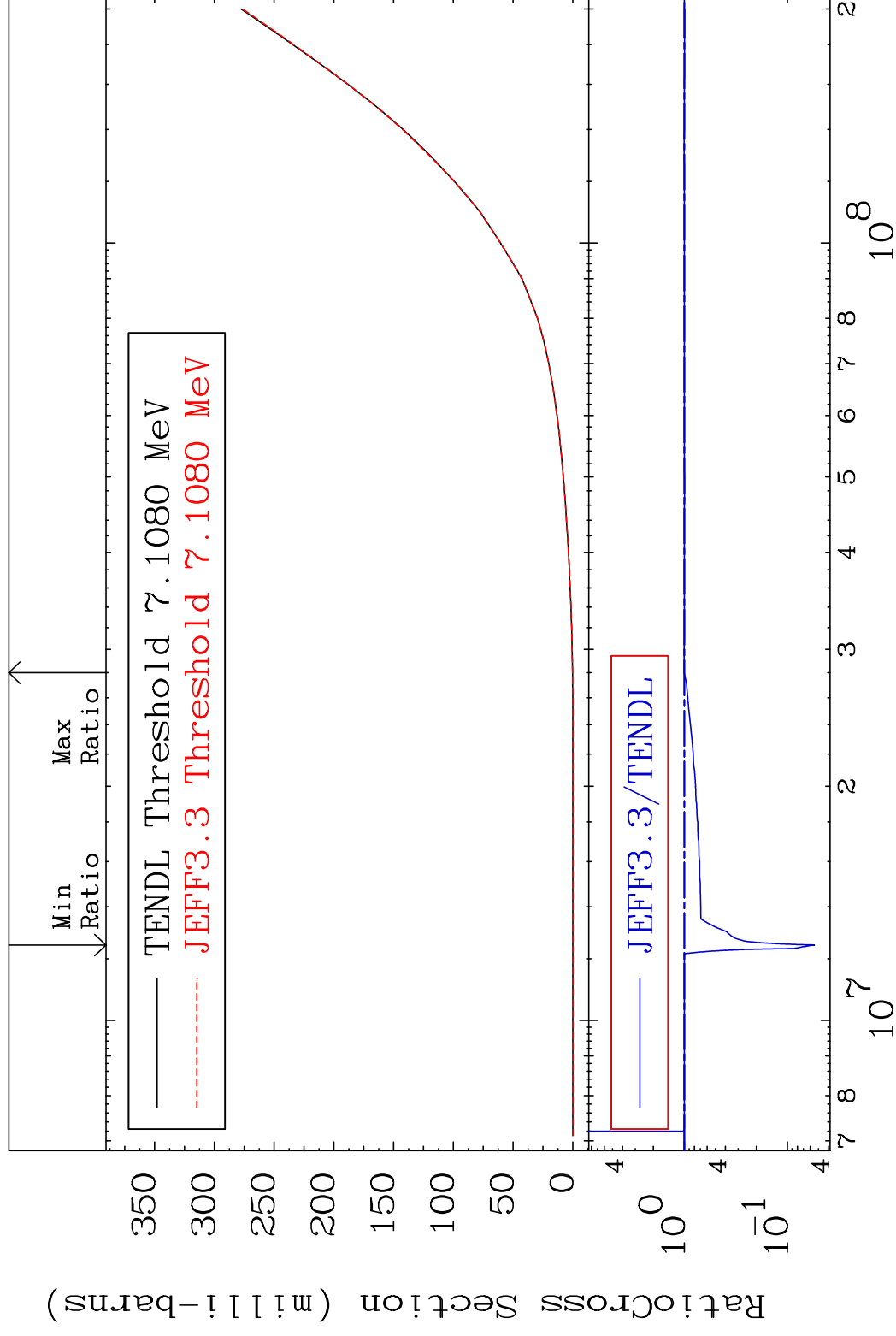


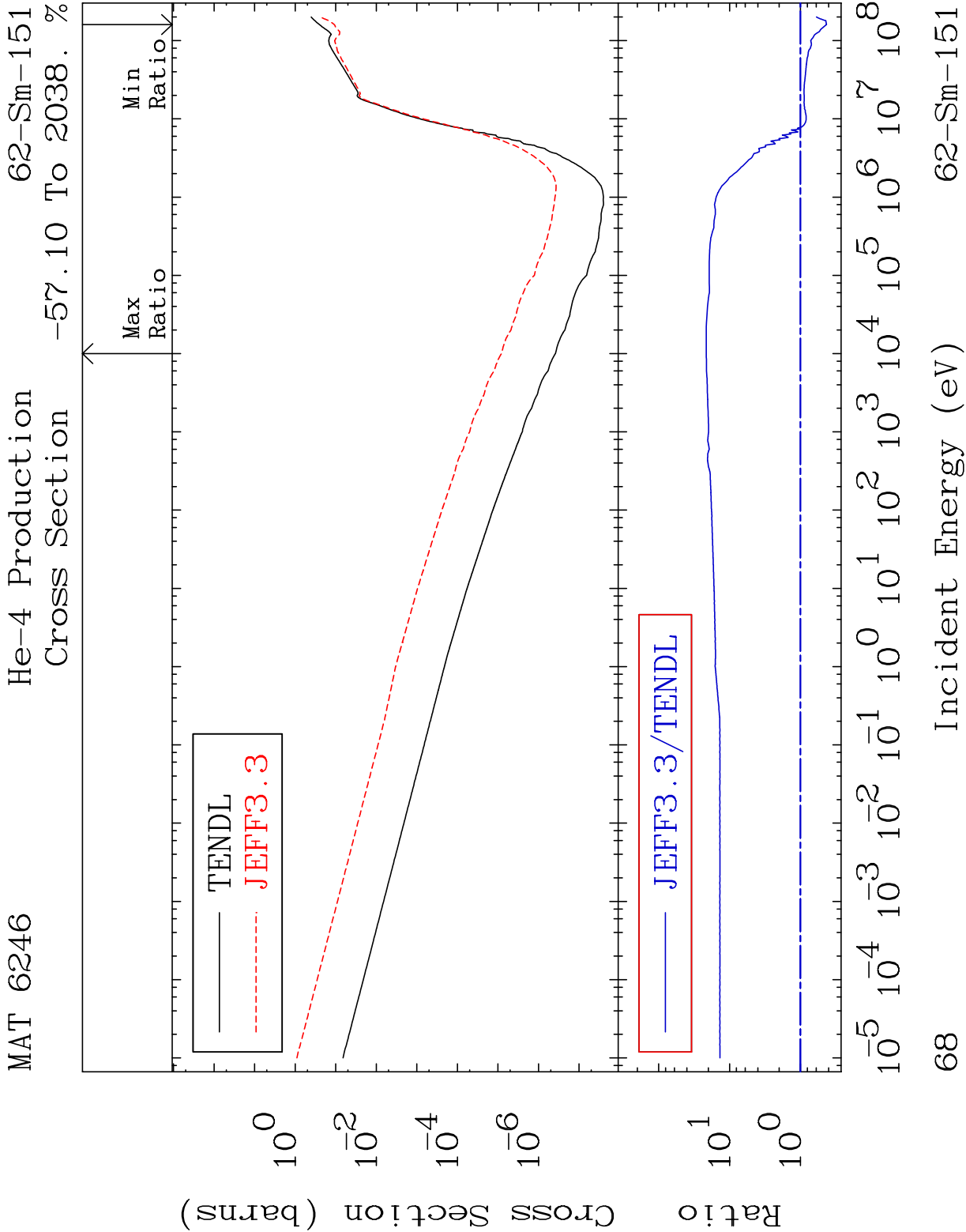
MAT 6246

He-3 Production

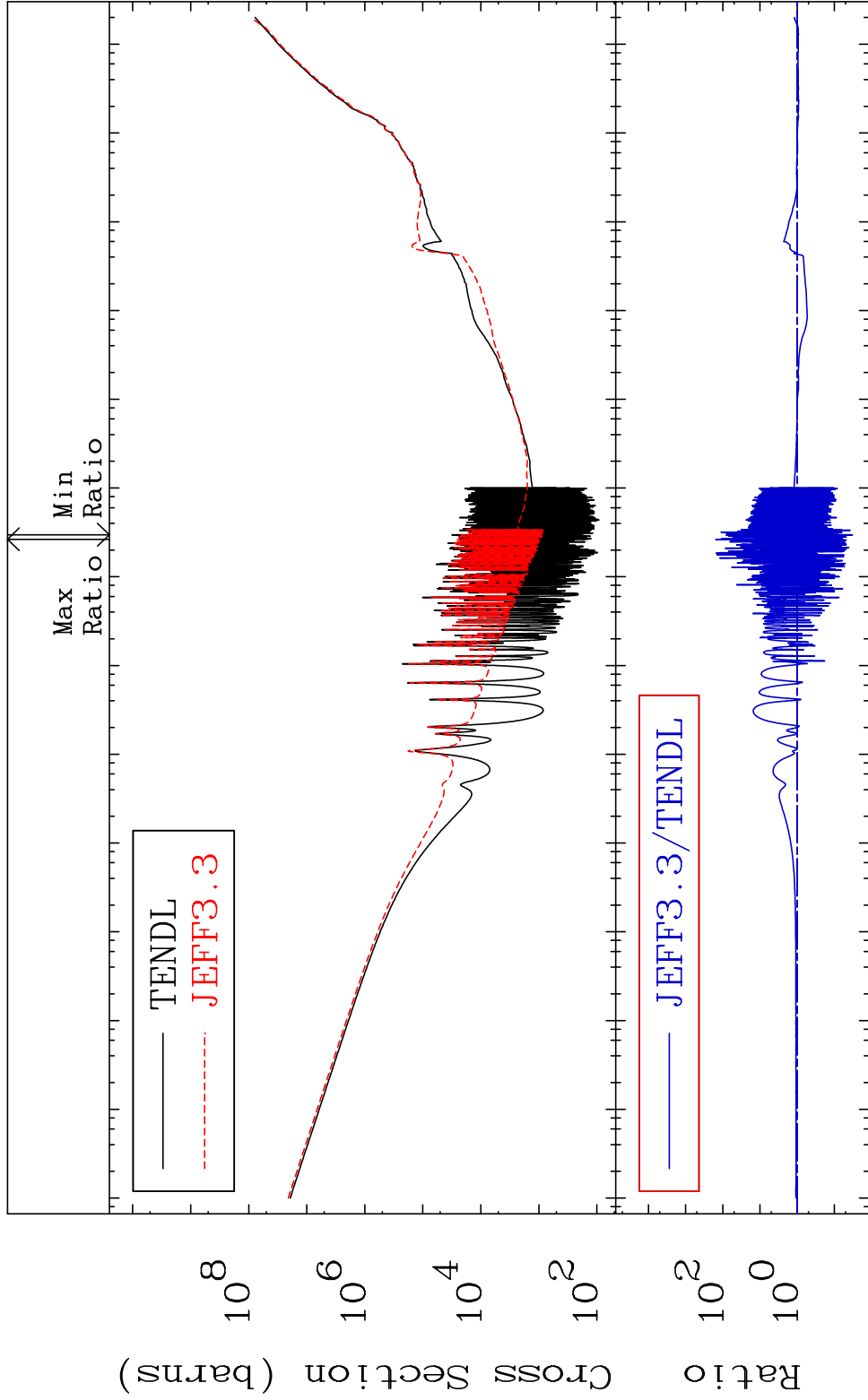
62-Sm-151

Cross Section -94.52 To 0.757 %

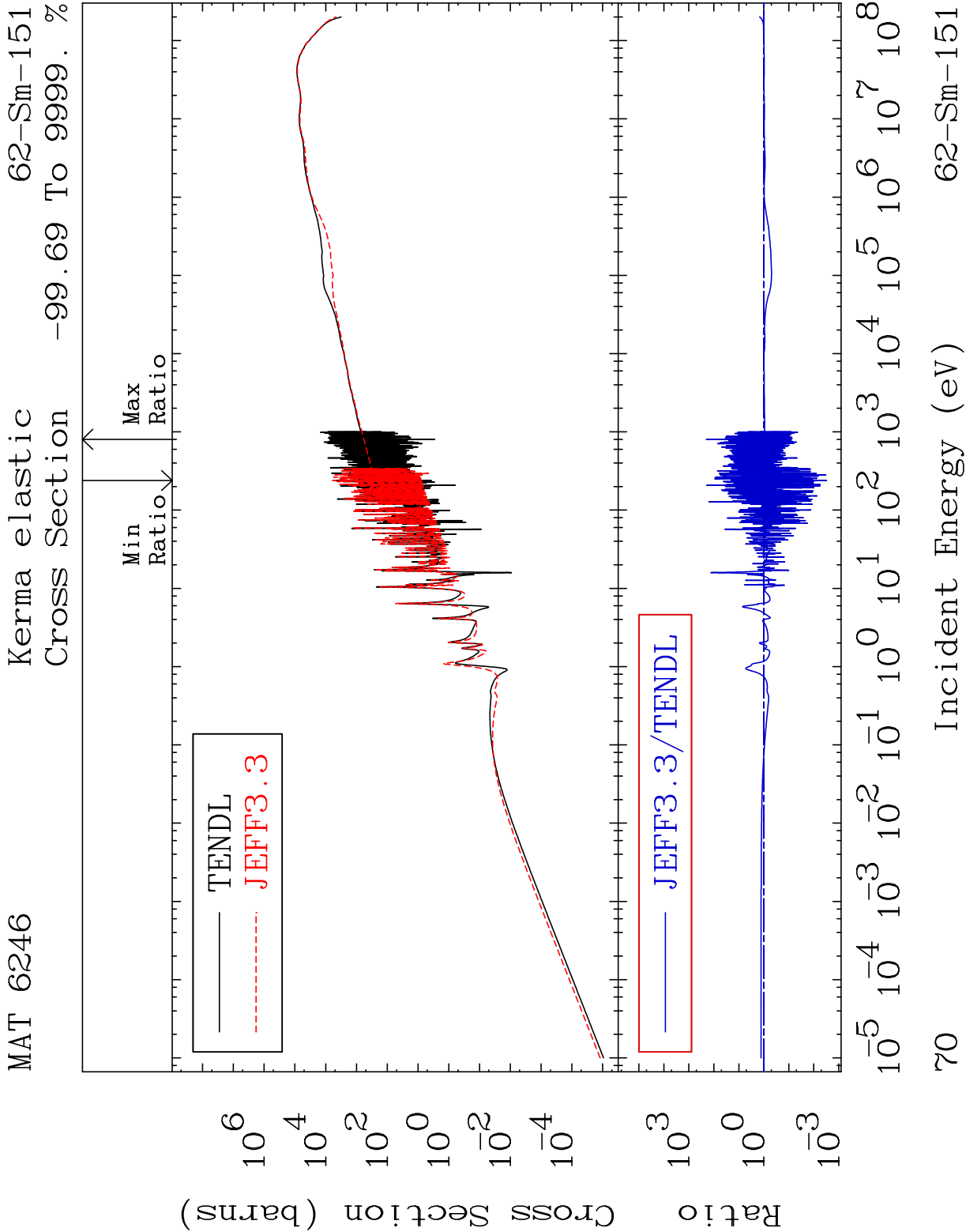




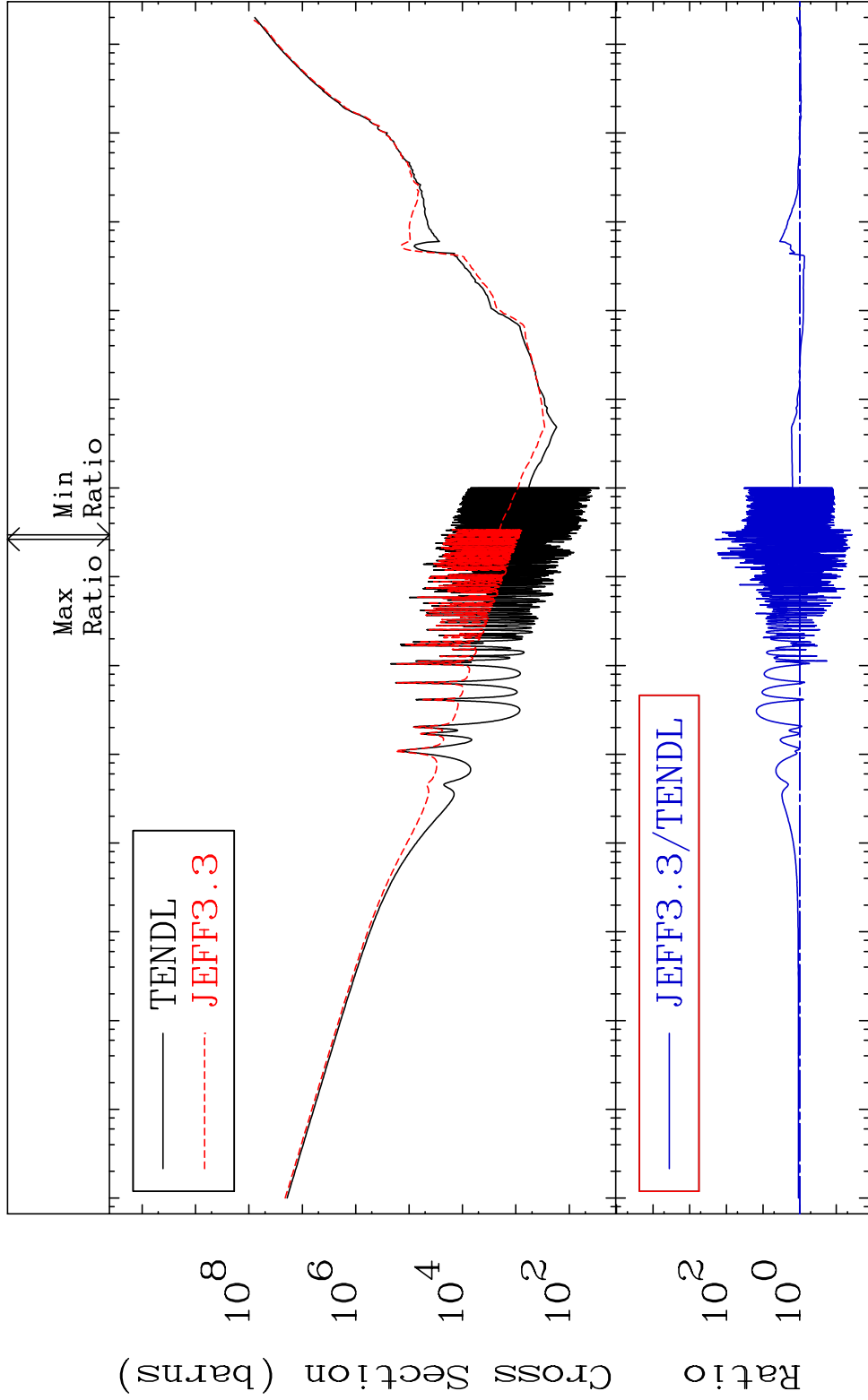
MAT 6246 Kerma total (eV-barns) 62-Sm-151
Cross Section -96.67 To 9999. %

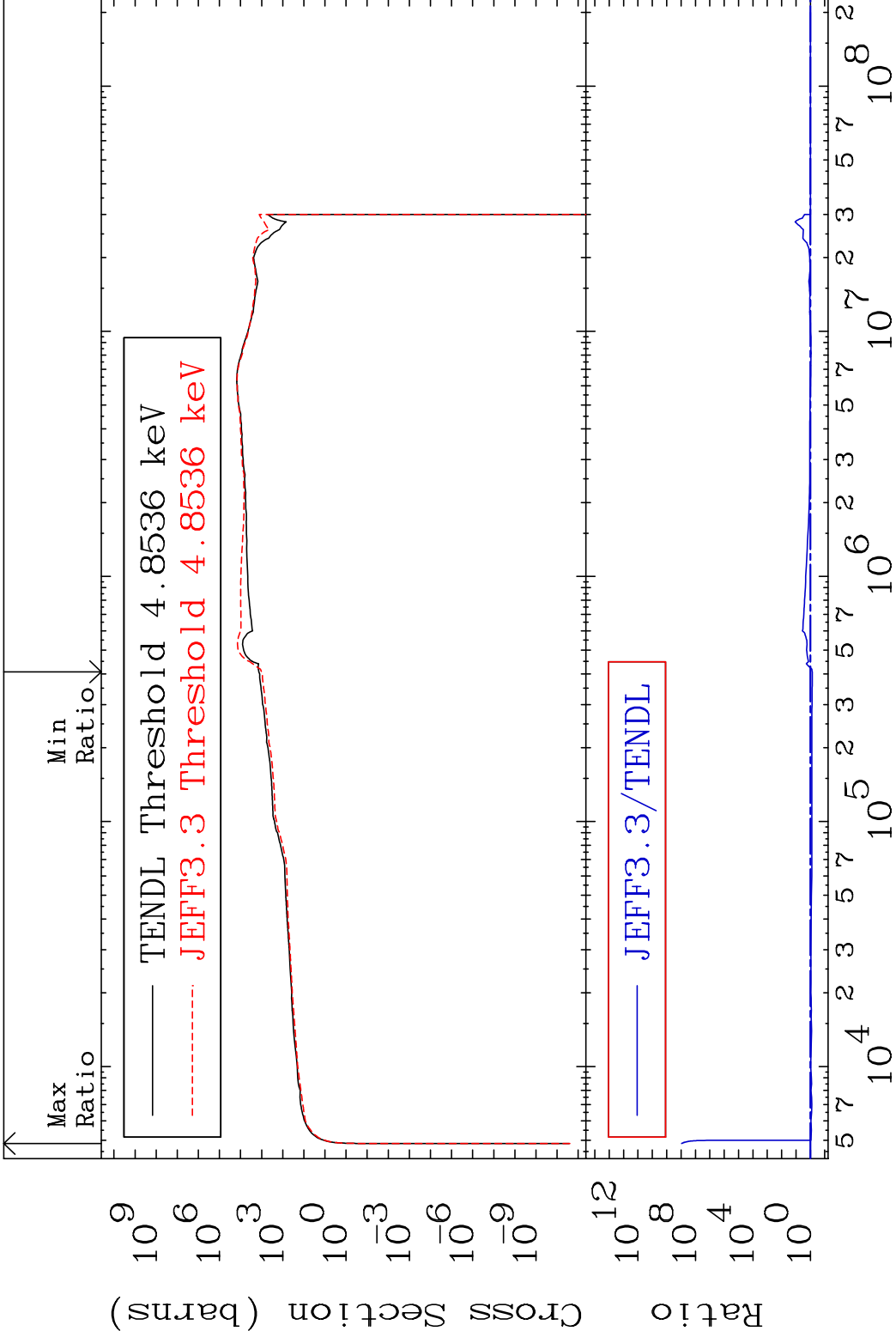


69 Incident Energy (eV) 62-Sm-151

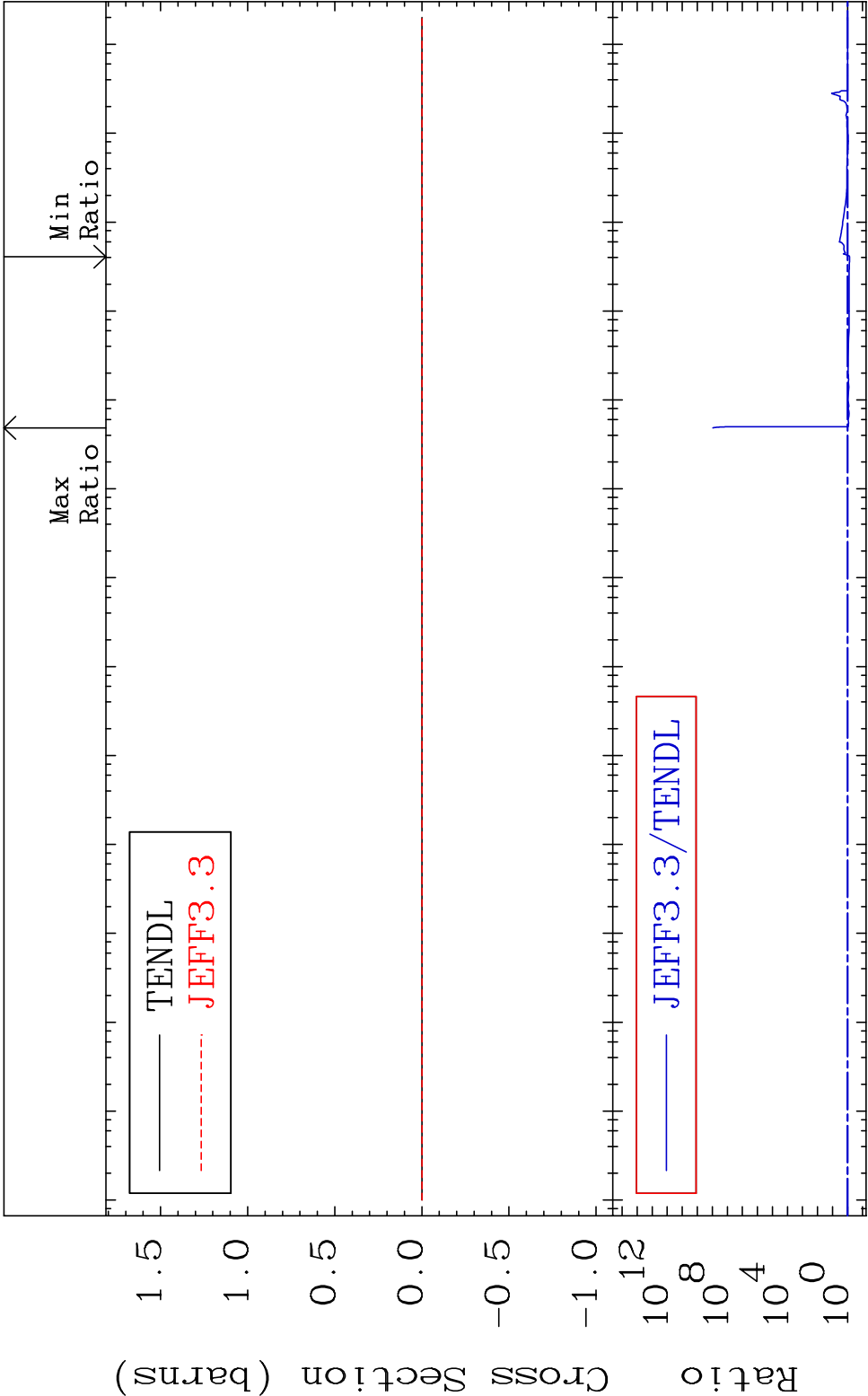


MAT 6246 Kerma non-elastic (all but mt2) 62-Sm-151
 Cross Section -96.31 To 9999. %





MAT 6246 Kerma fission (mt18 or mt19-20-21-38) 62-Sm-151
 Cross Section -25.79 To 9999. %



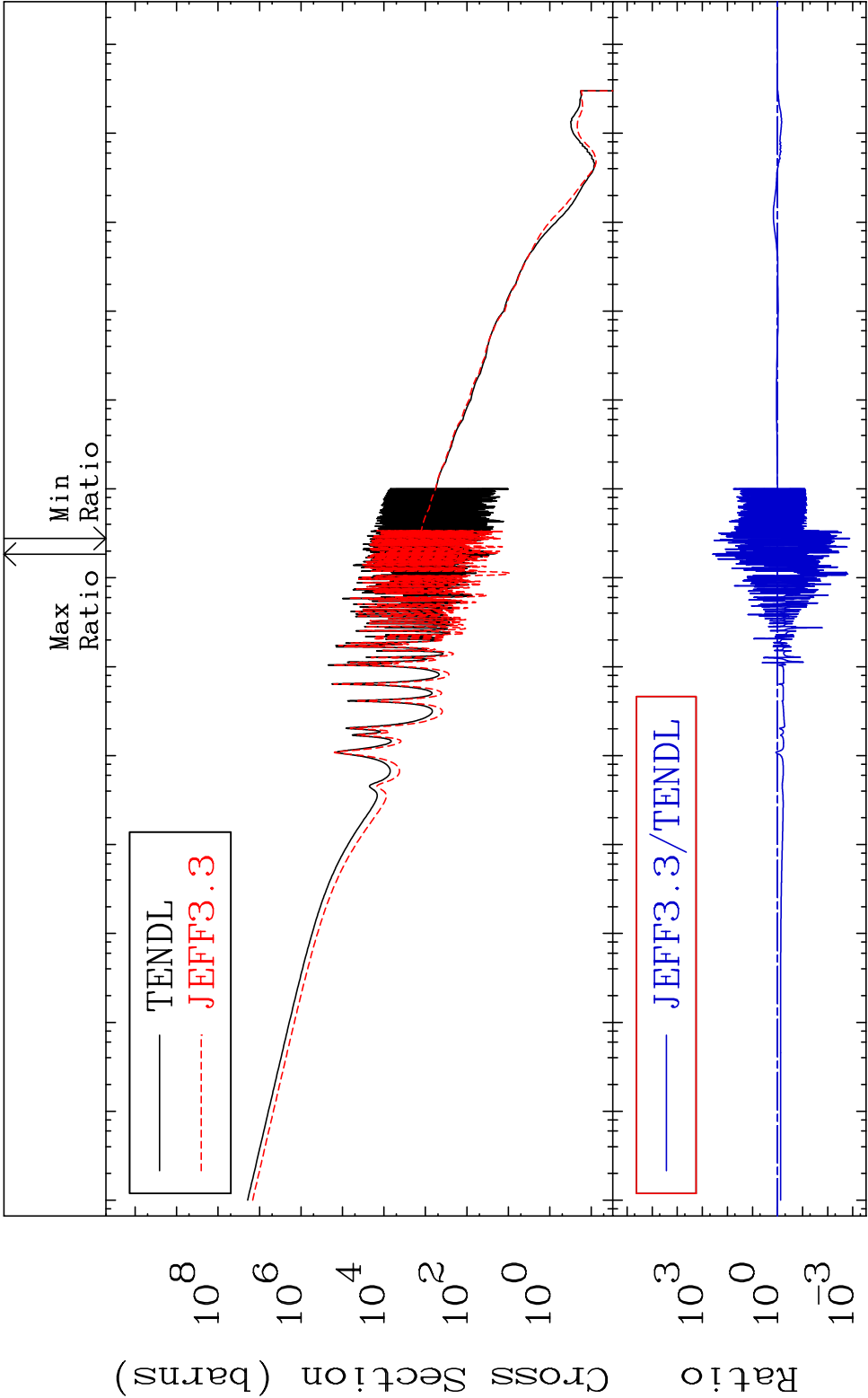
MAT 6246

Kerma capture (mt102)

62-Sm-151

Cross Section

-99.87 To 9999. %

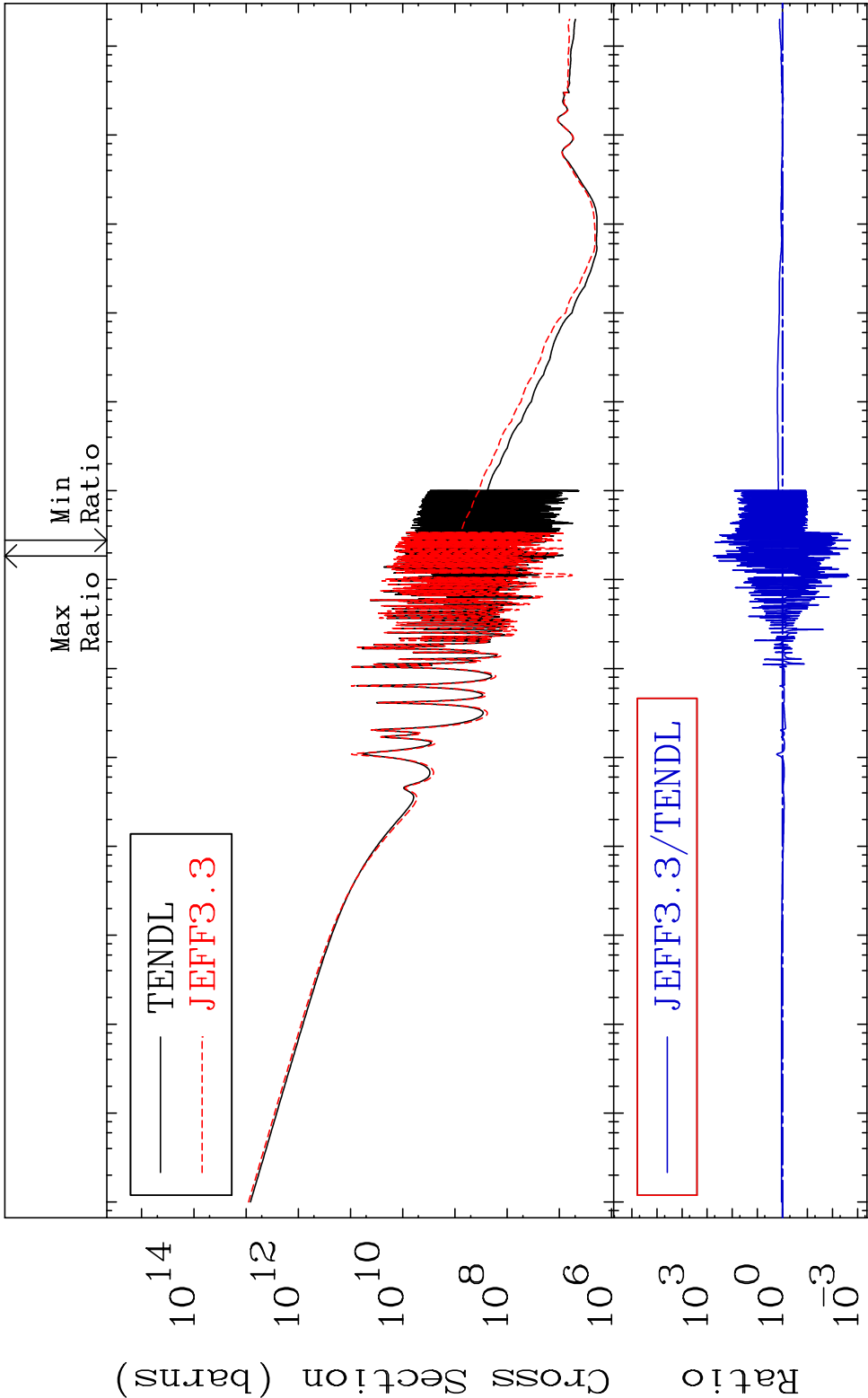


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Incident Energy (eV)

62-Sm-151

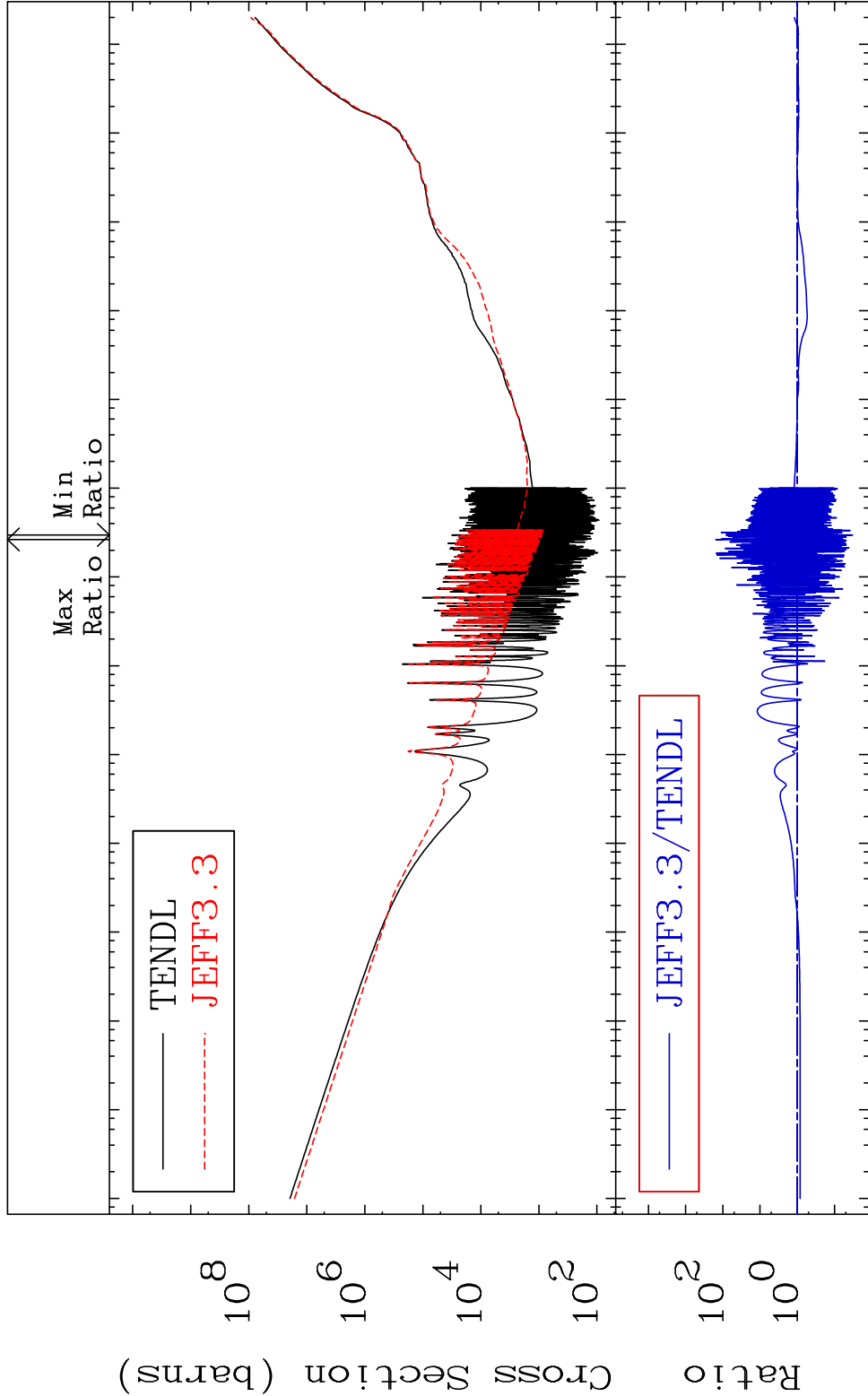
MAT 6246 Total photon (eV-barns) 62-Sm-151
Cross Section -99.81 To 9999. %



75 Incident Energy (eV) 62-Sm-151

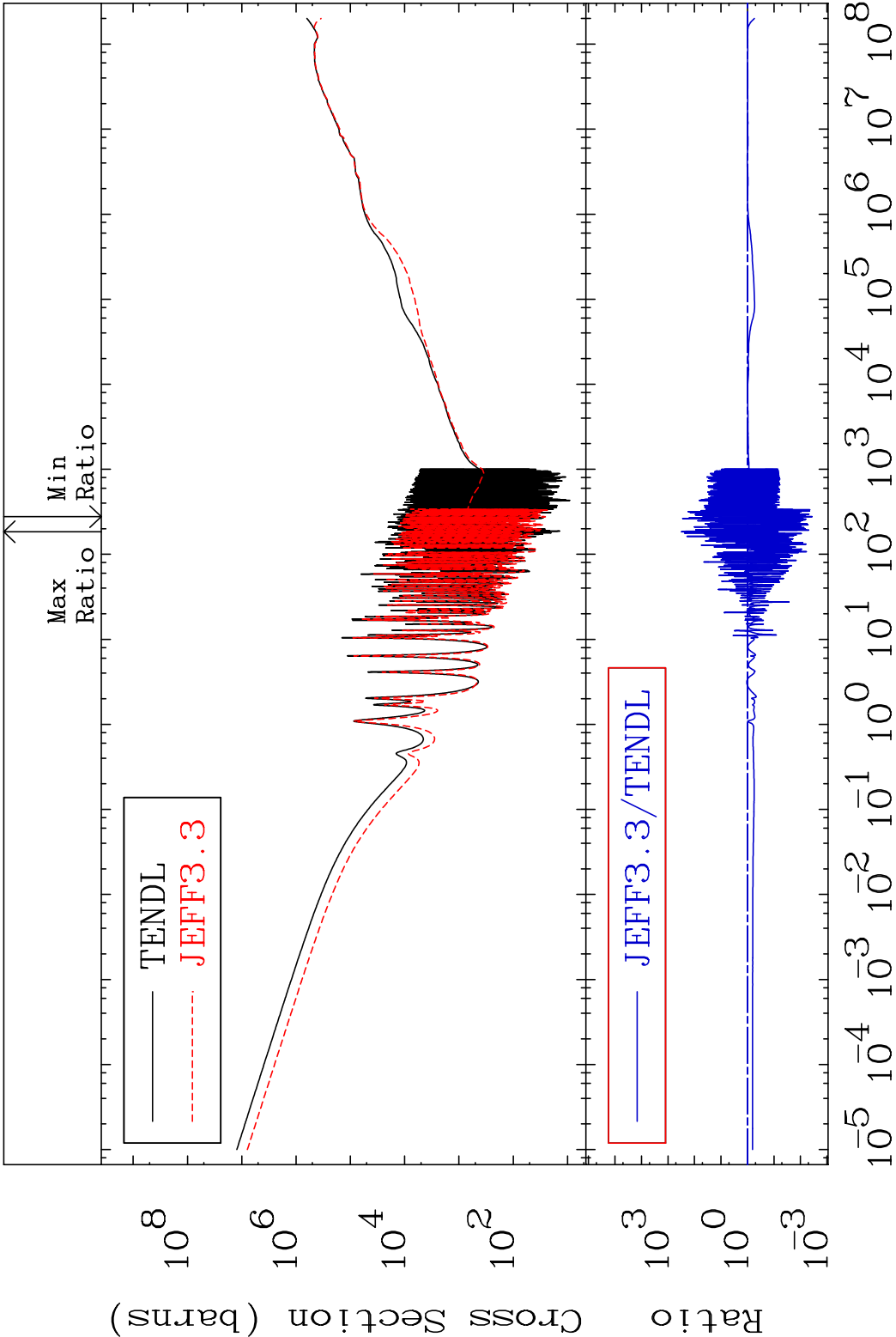
MAT 6246 Total kinematic kerma (high limit) 62-Sm-151

Cross Section -96.66 To 9999. %

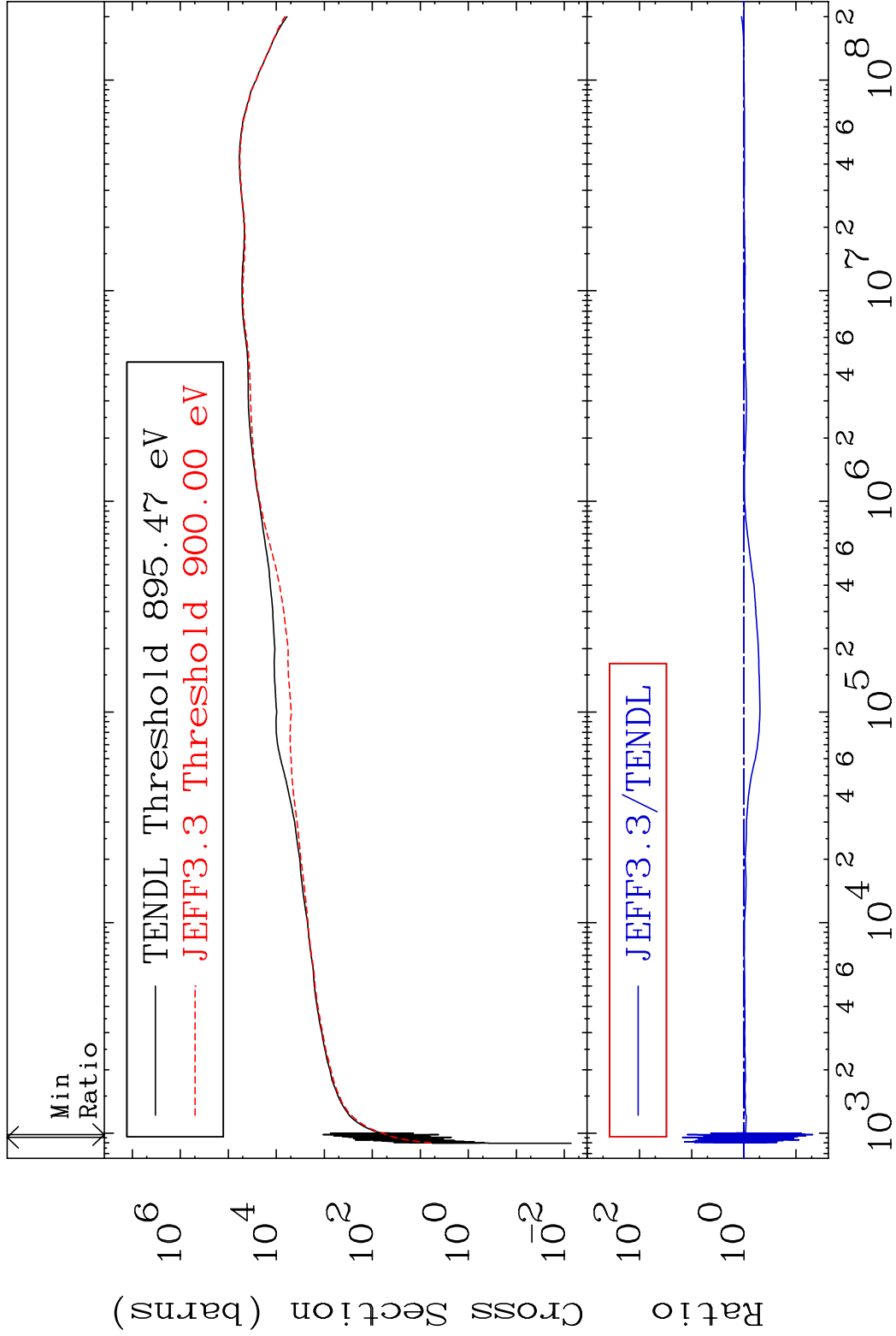


76 Incident Energy (eV) 62-Sm-151

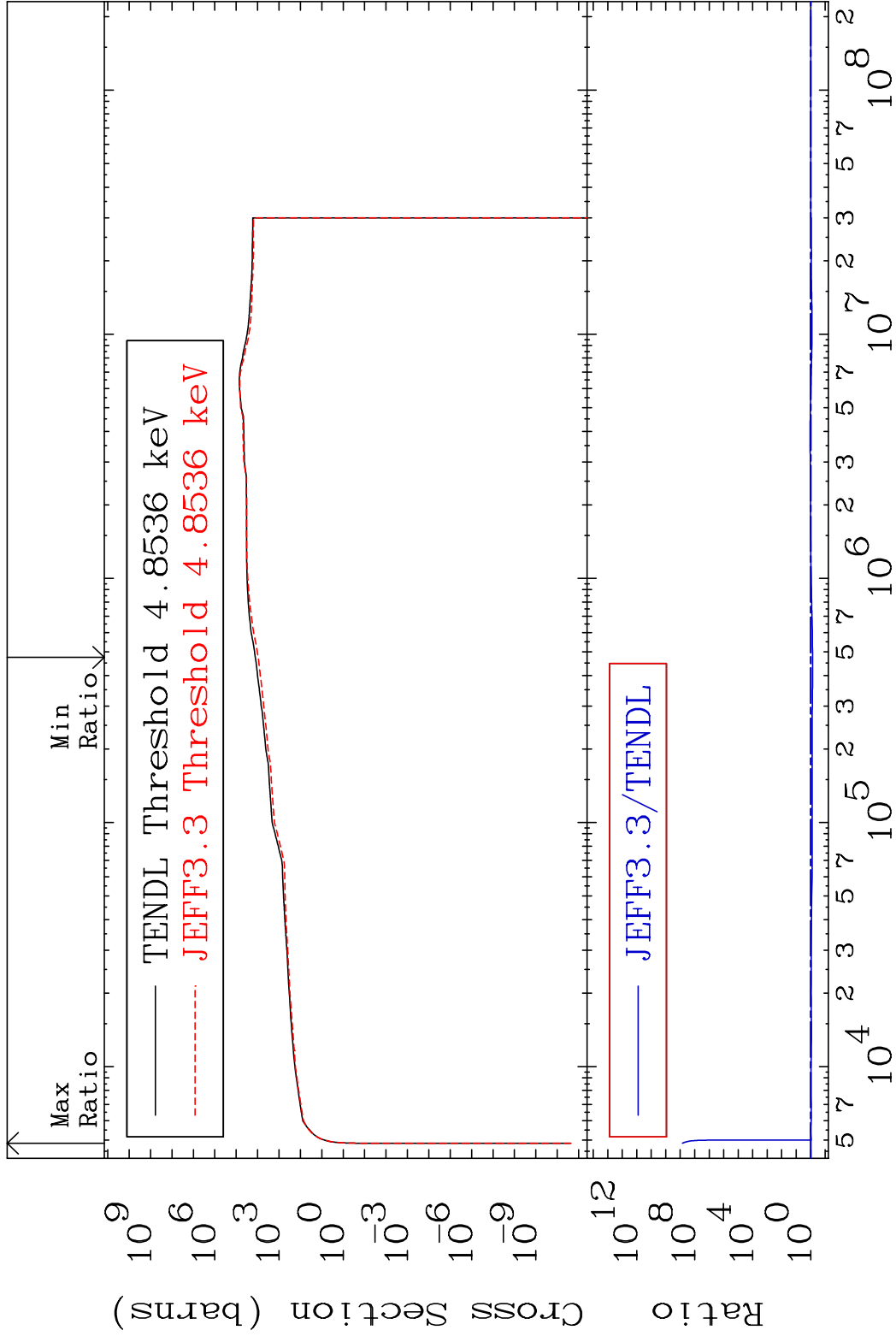
MAT 6246	Dpa total (eV-barns)	62-Sm-151
	Cross Section	-99.64 To 9999. %



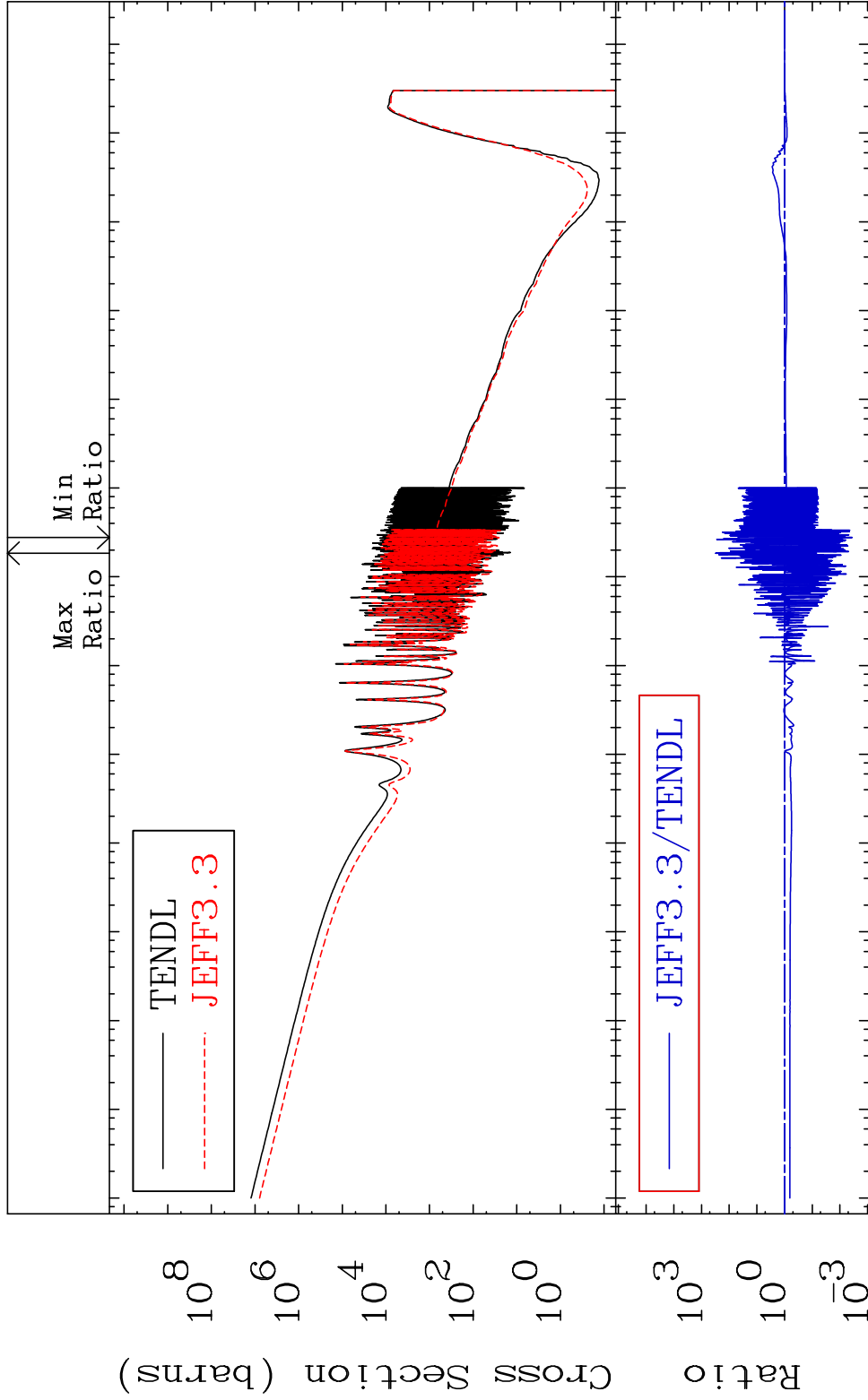
MAT 6246	Dpa elastic (mt2)	62-Sm-151
	Cross Section	-95.18 To 1410. %



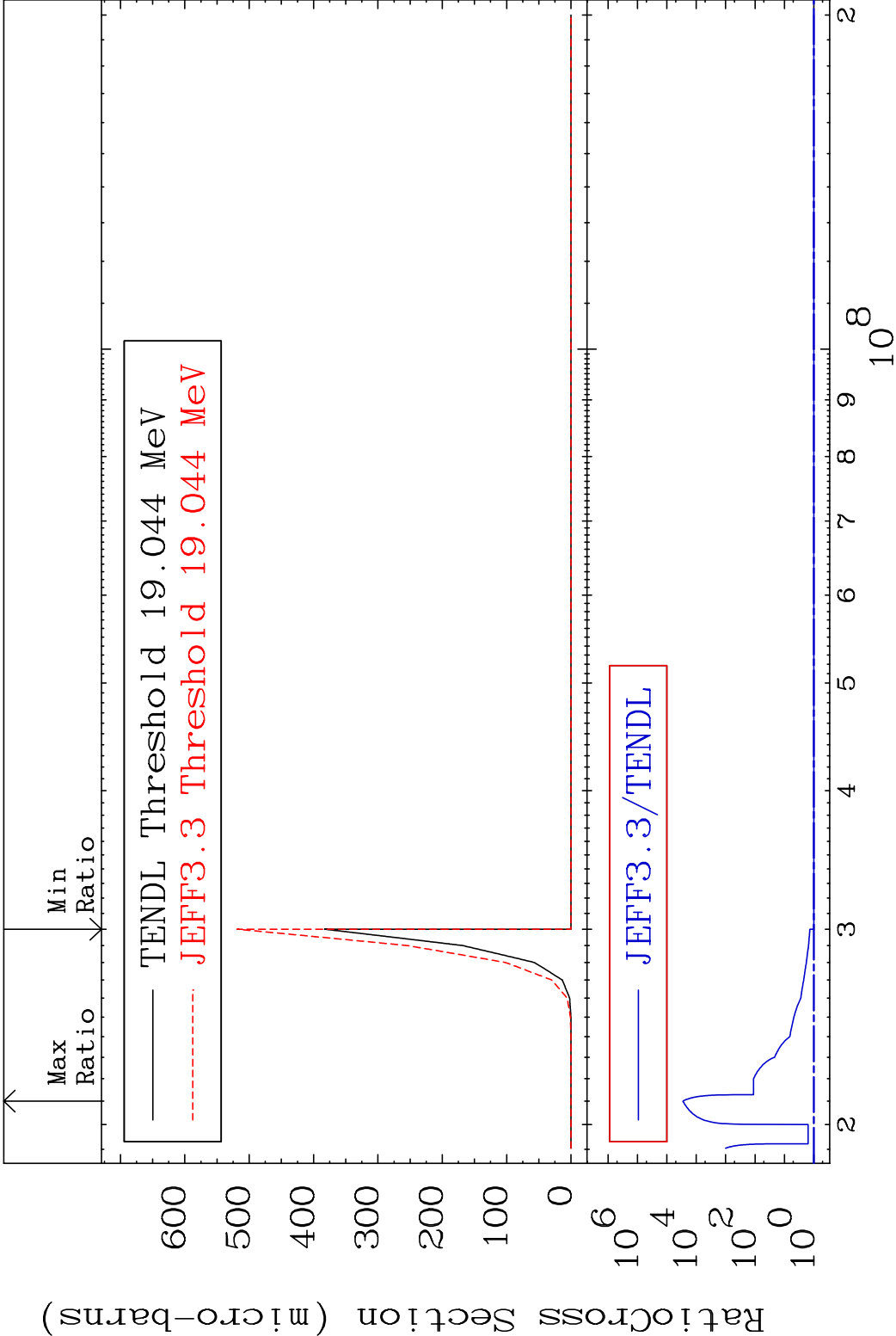
78	Incident Energy (eV)	62-Sm-151
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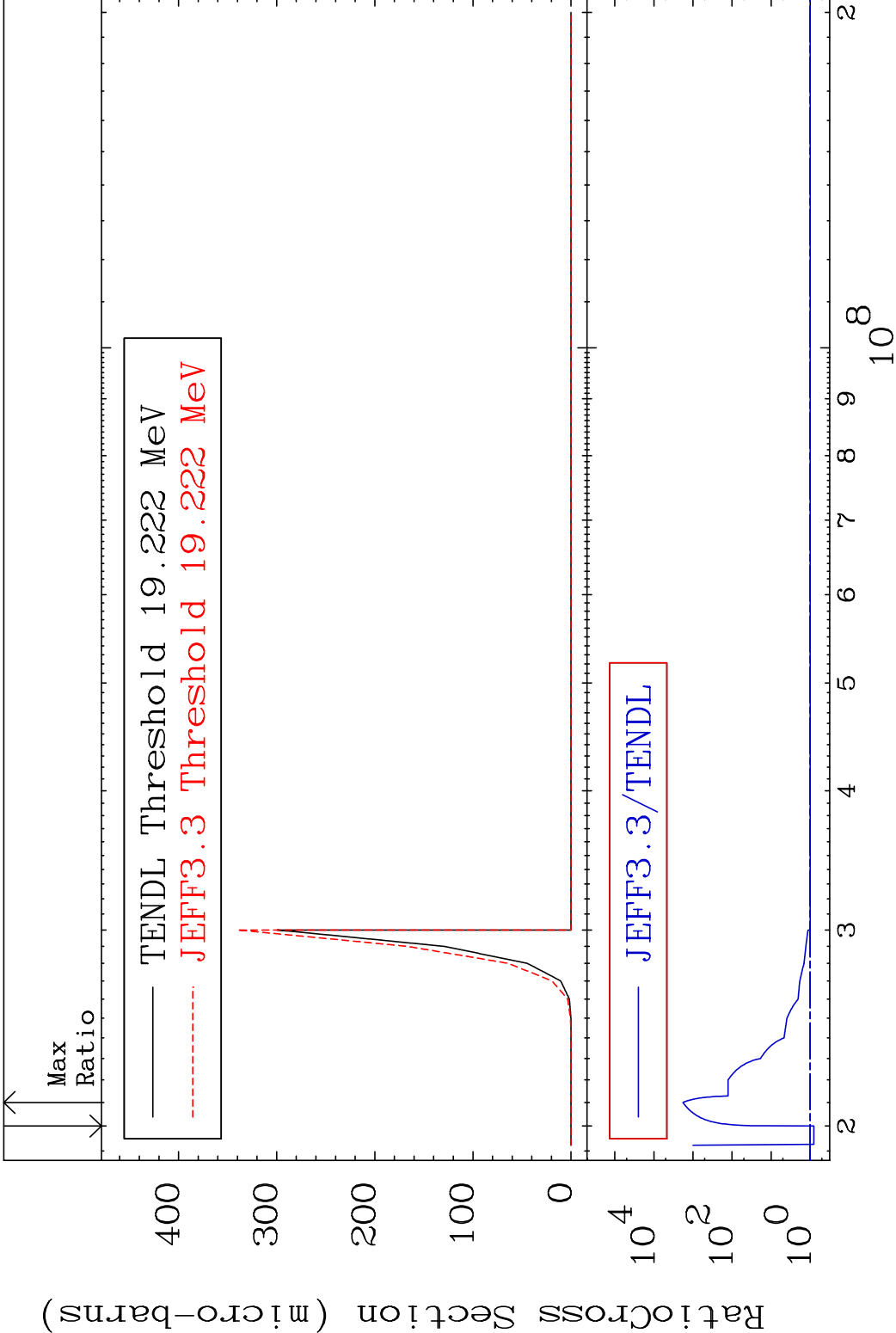


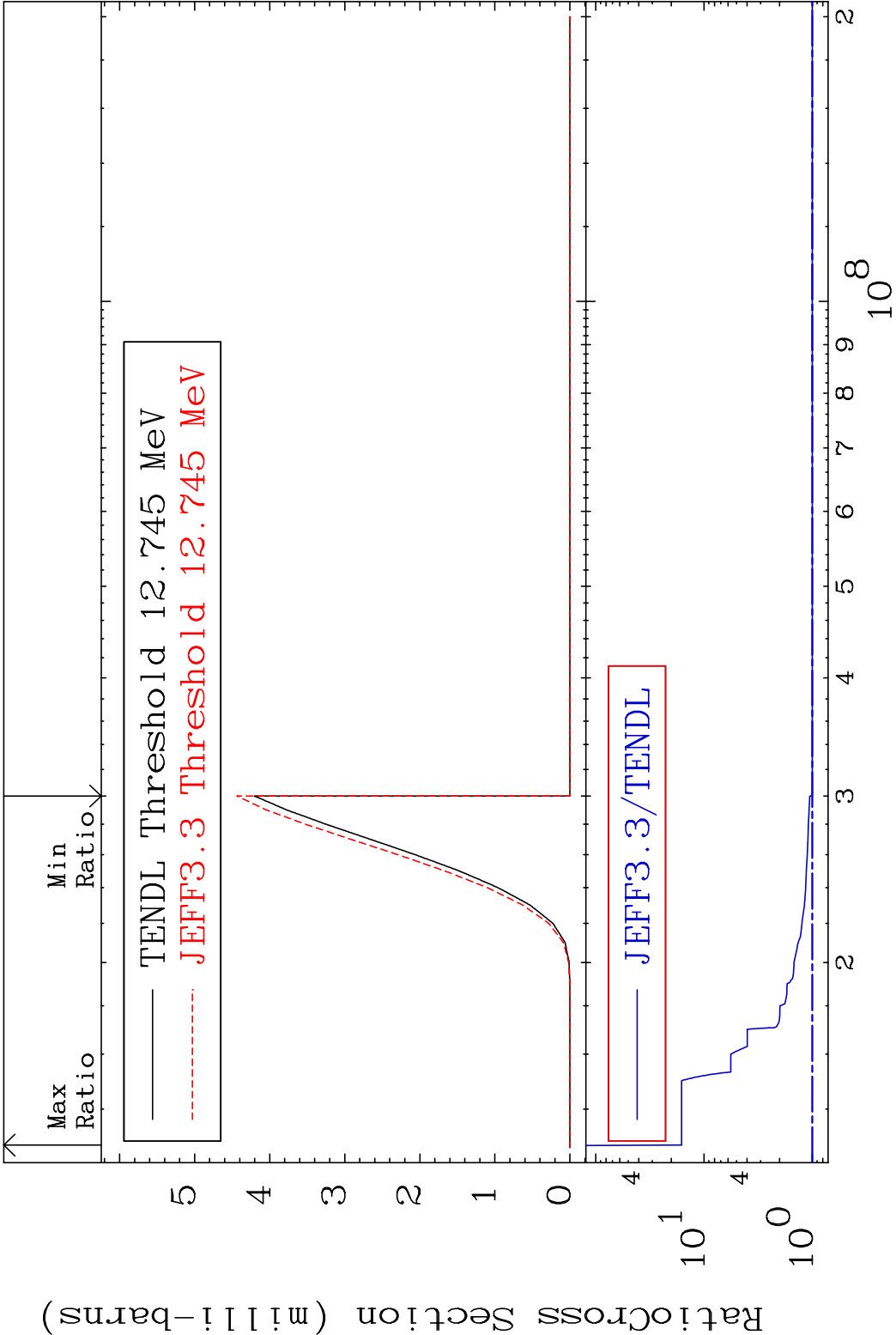
MAT 6246 Dpa disappearance (mt102 -120) 62-Sm-151
Cross Section -99.64 To 9999. %

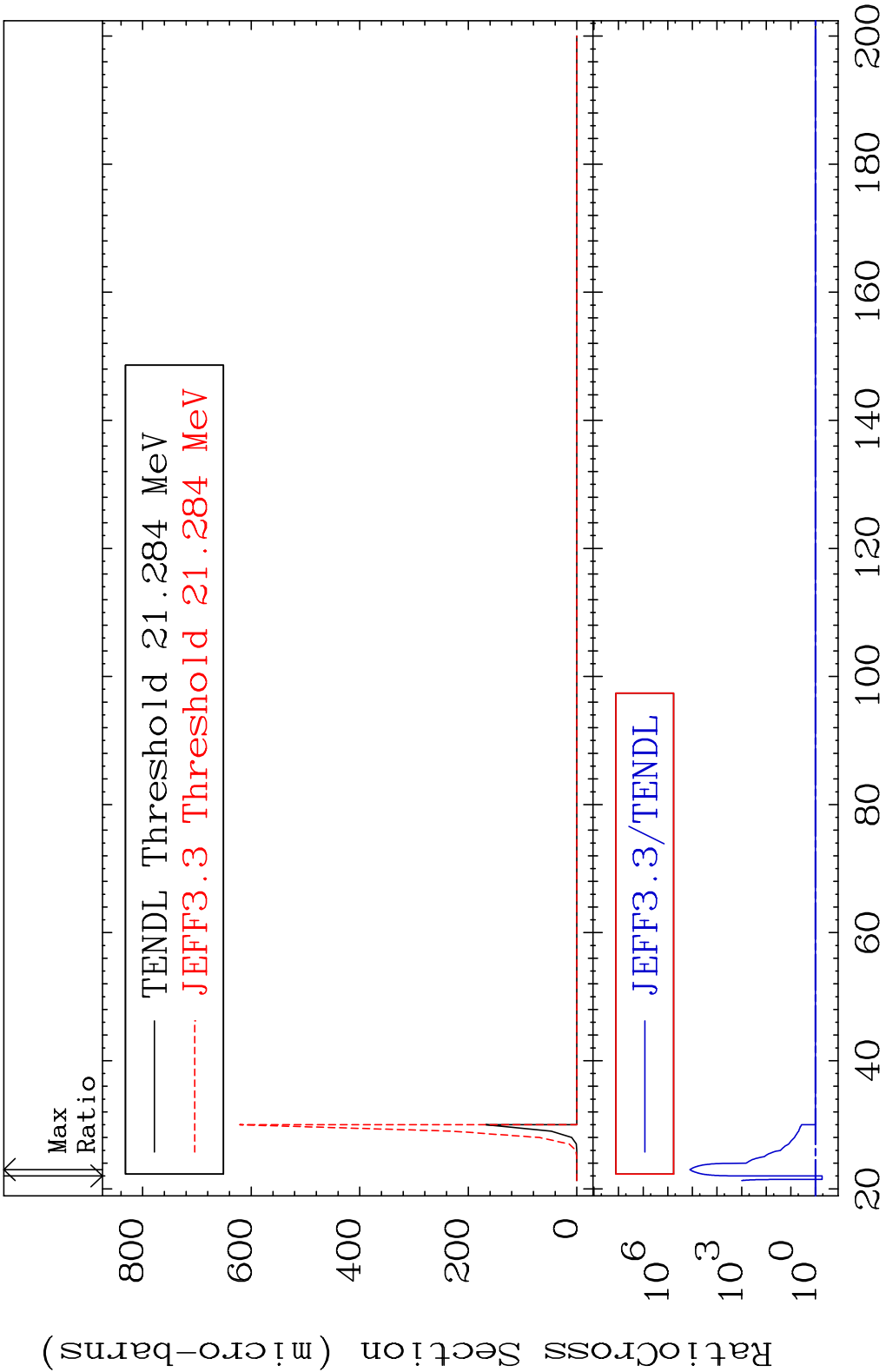


80 Incident Energy (eV) 62-Sm-151









Radionuclide Production Cross Section, %

