

Program Complot
(Version 2021-1)

by

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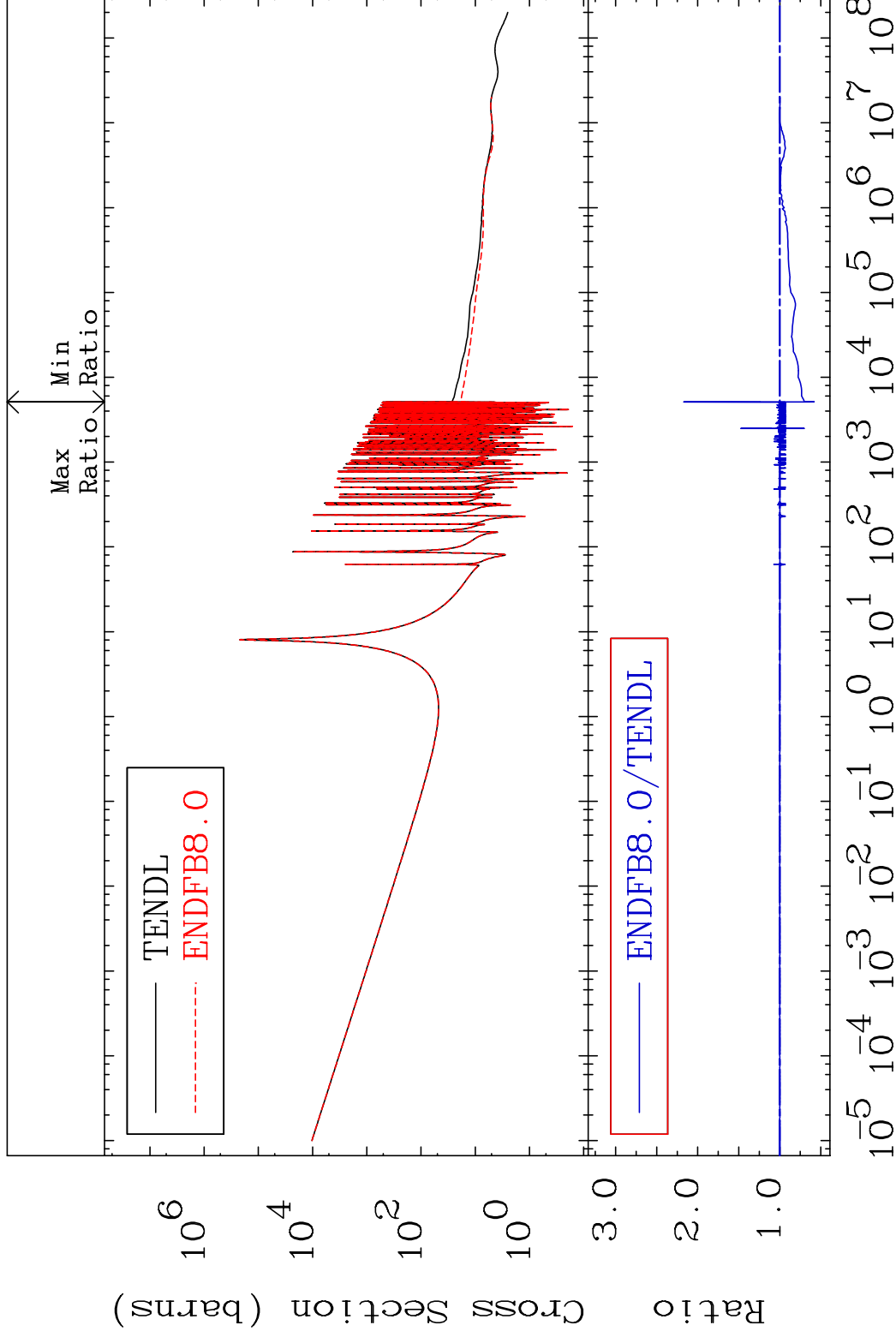
Press Mouse Button to Start

MAT 6249

Total

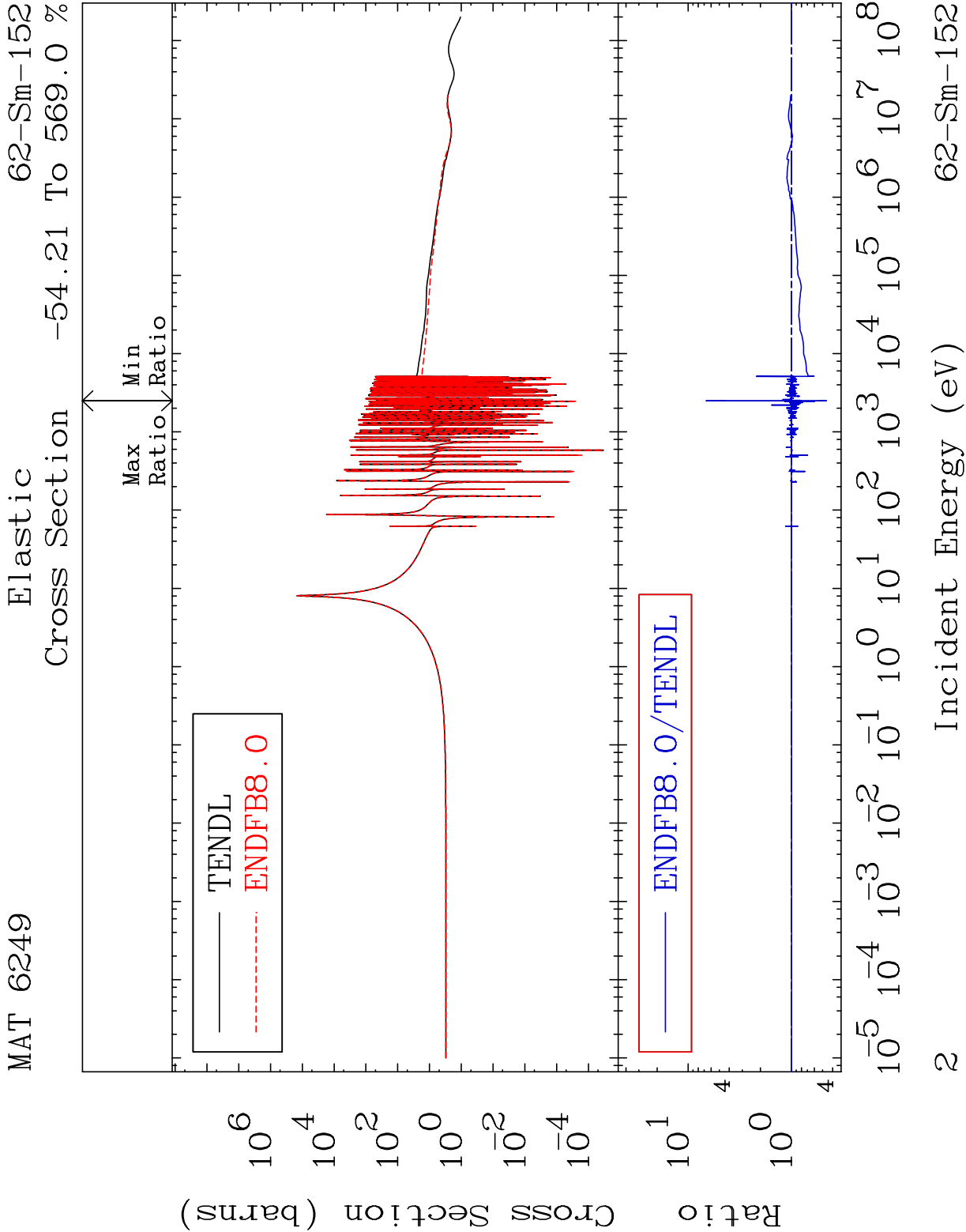
62-Sm-152

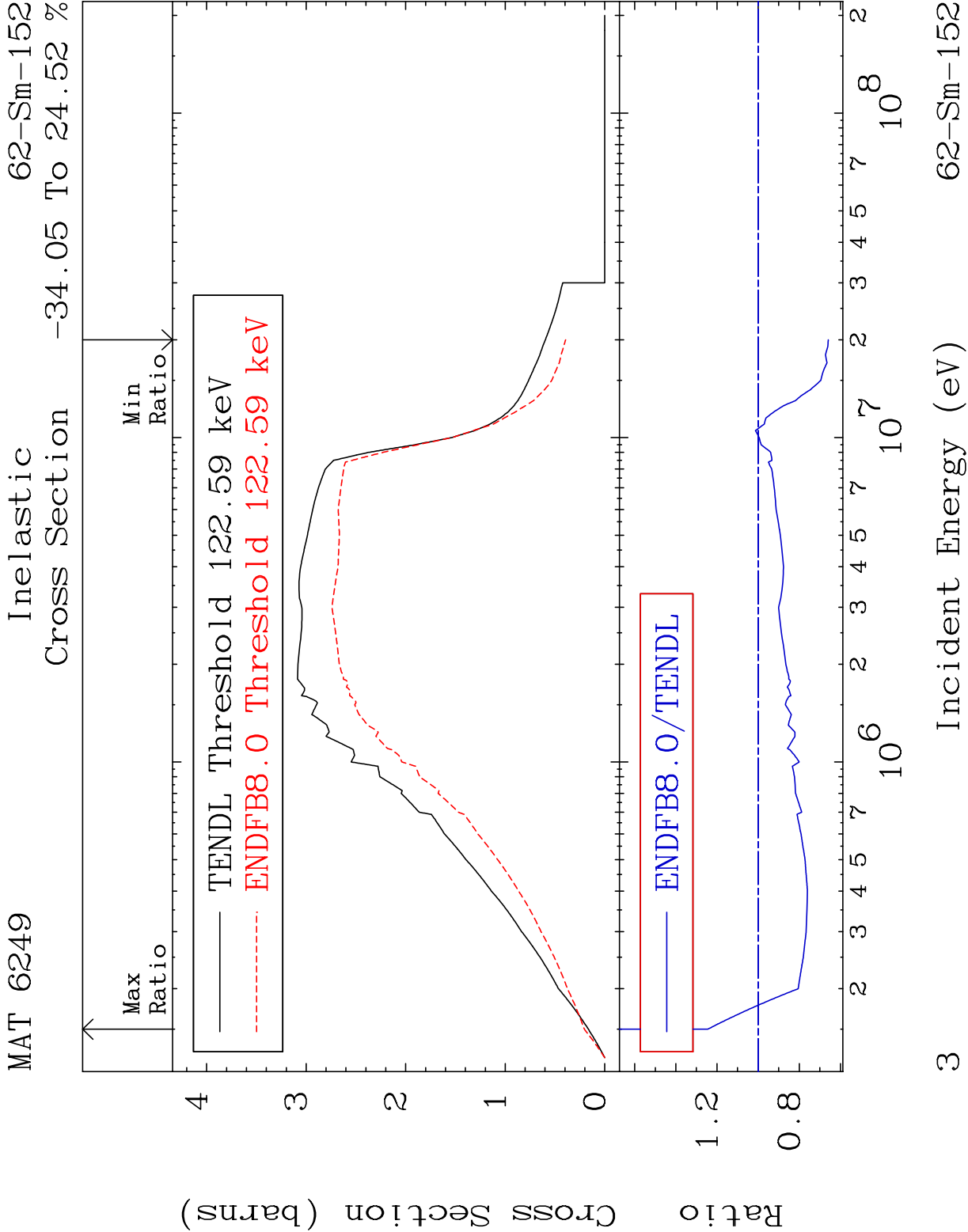
Cross Section -41.85 To 117.2 %

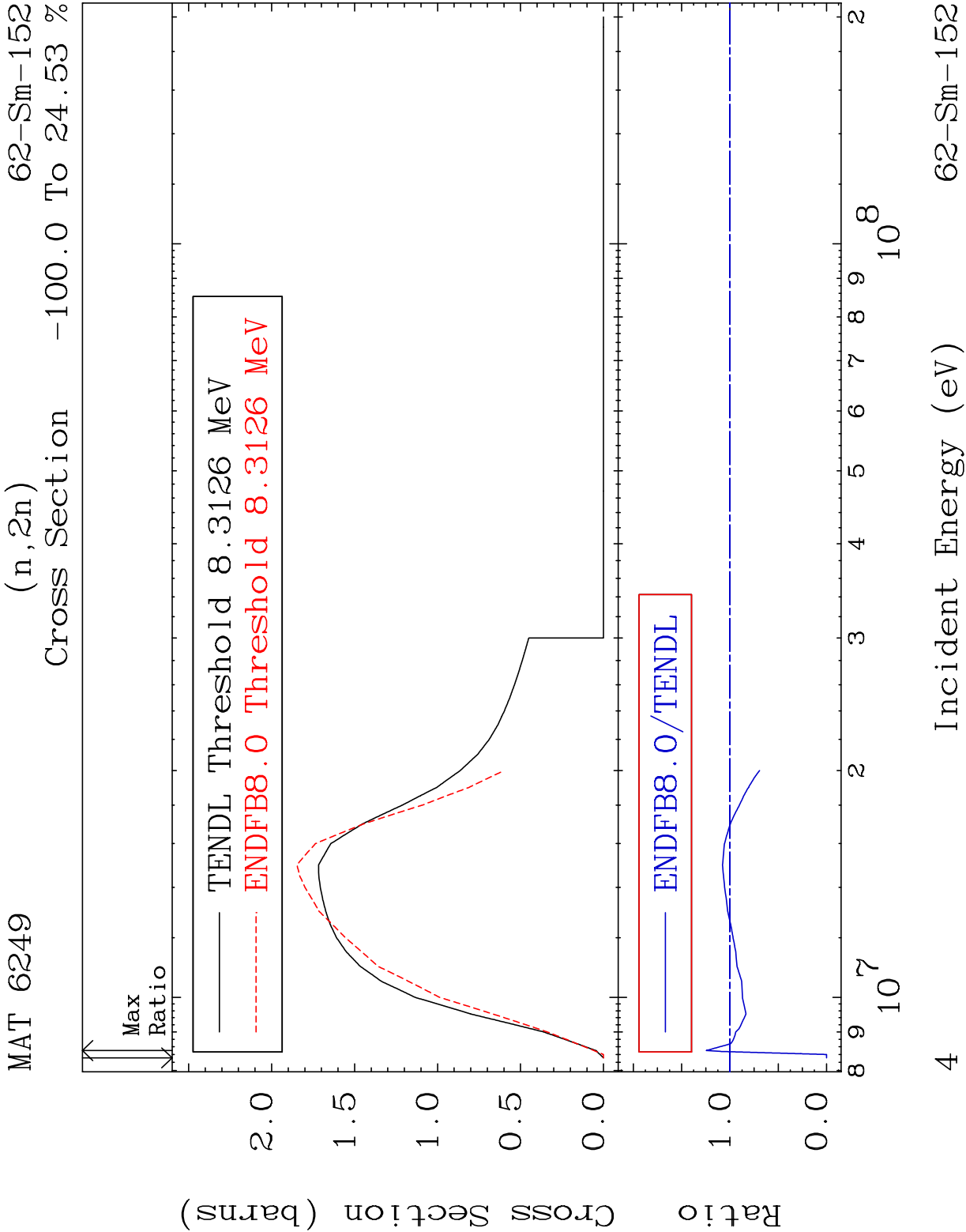


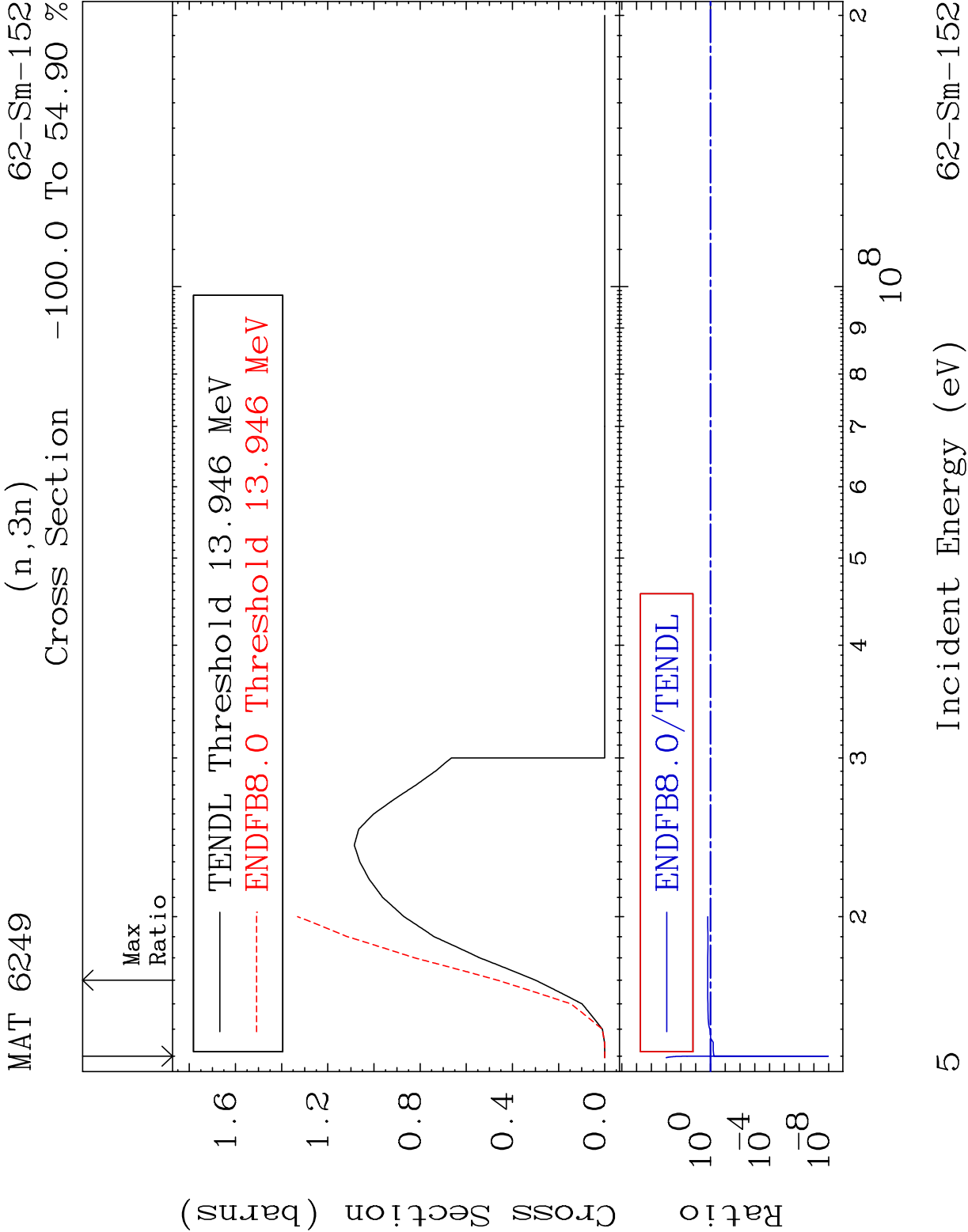
Incident Energy (eV)

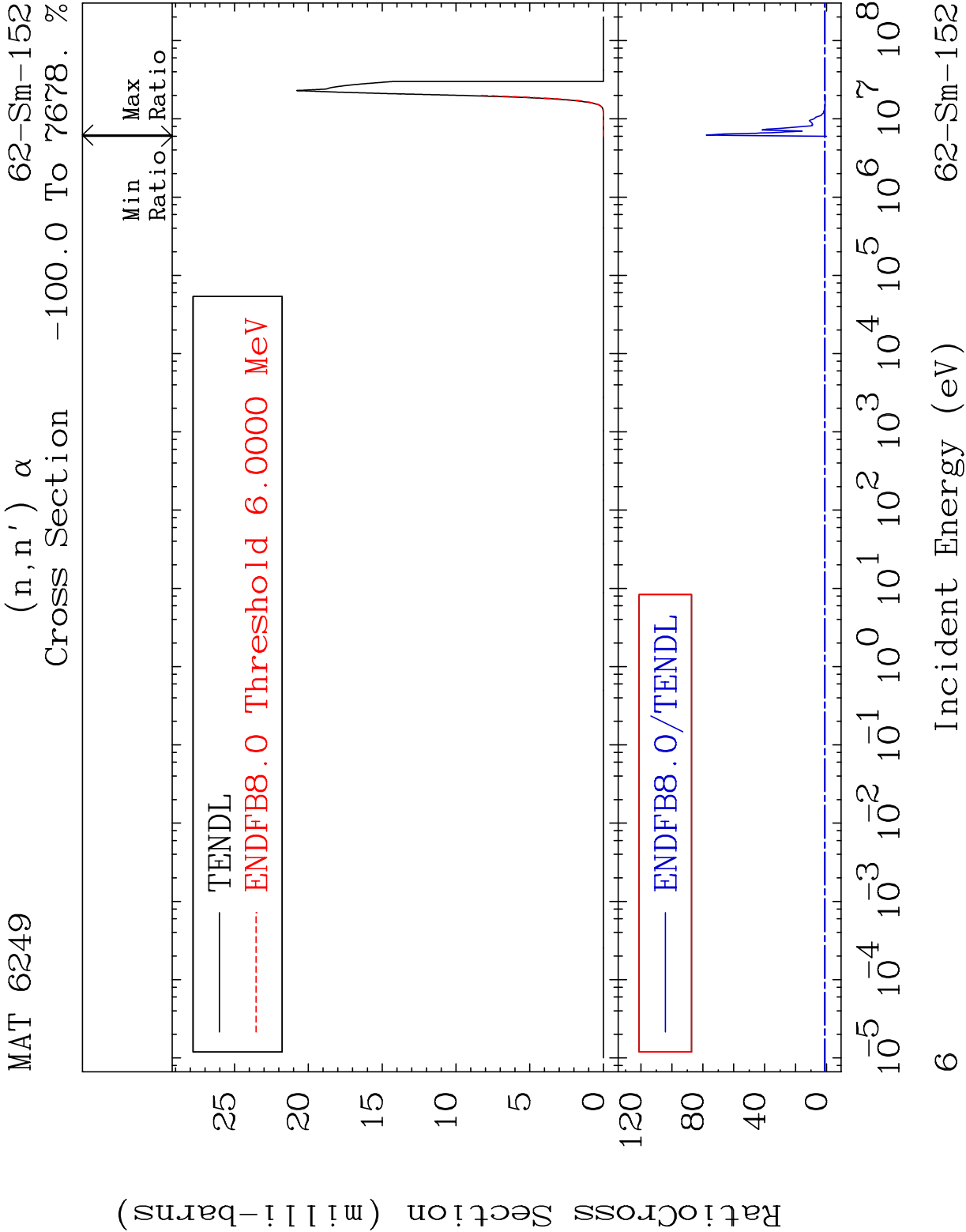
62-Sm-152

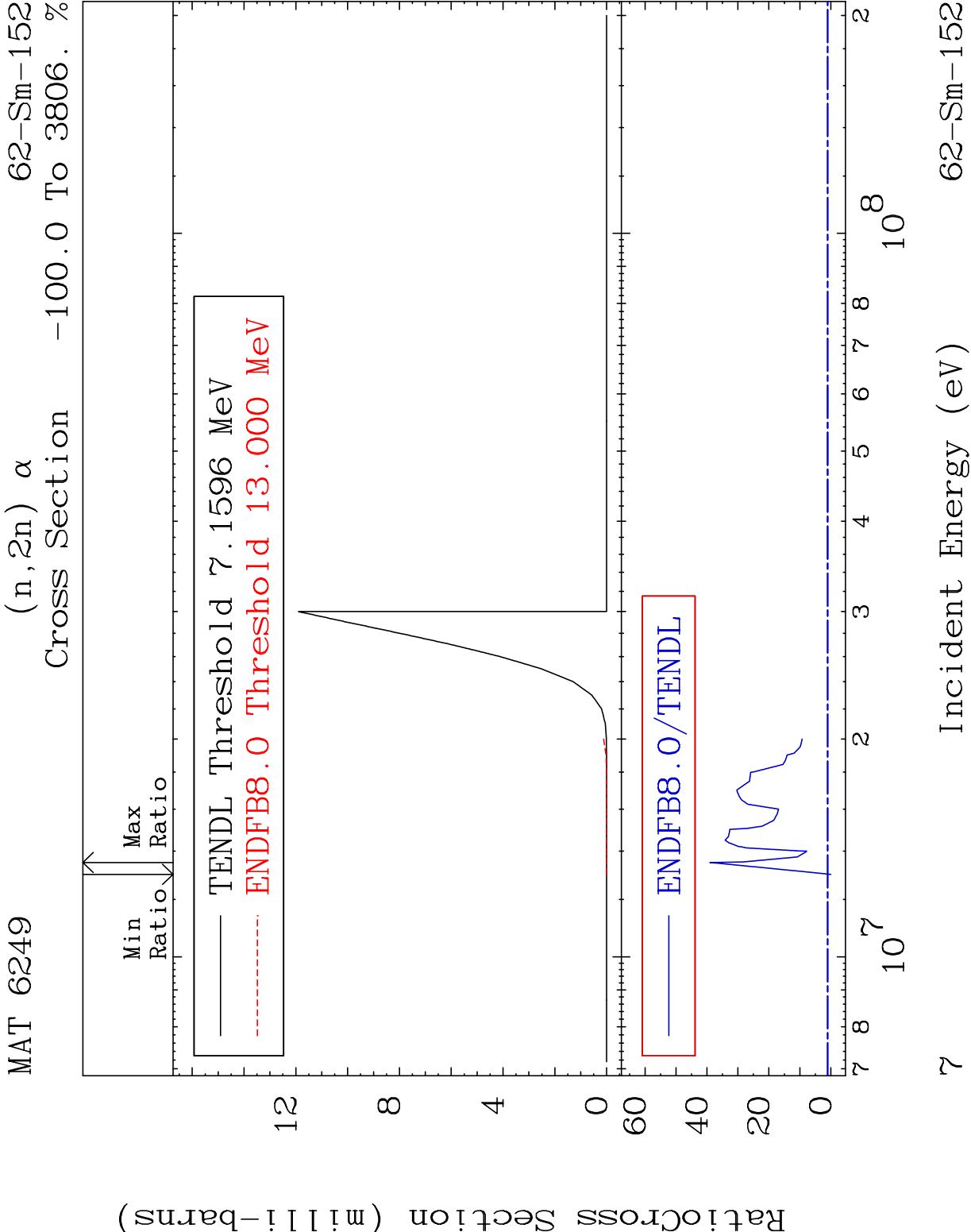


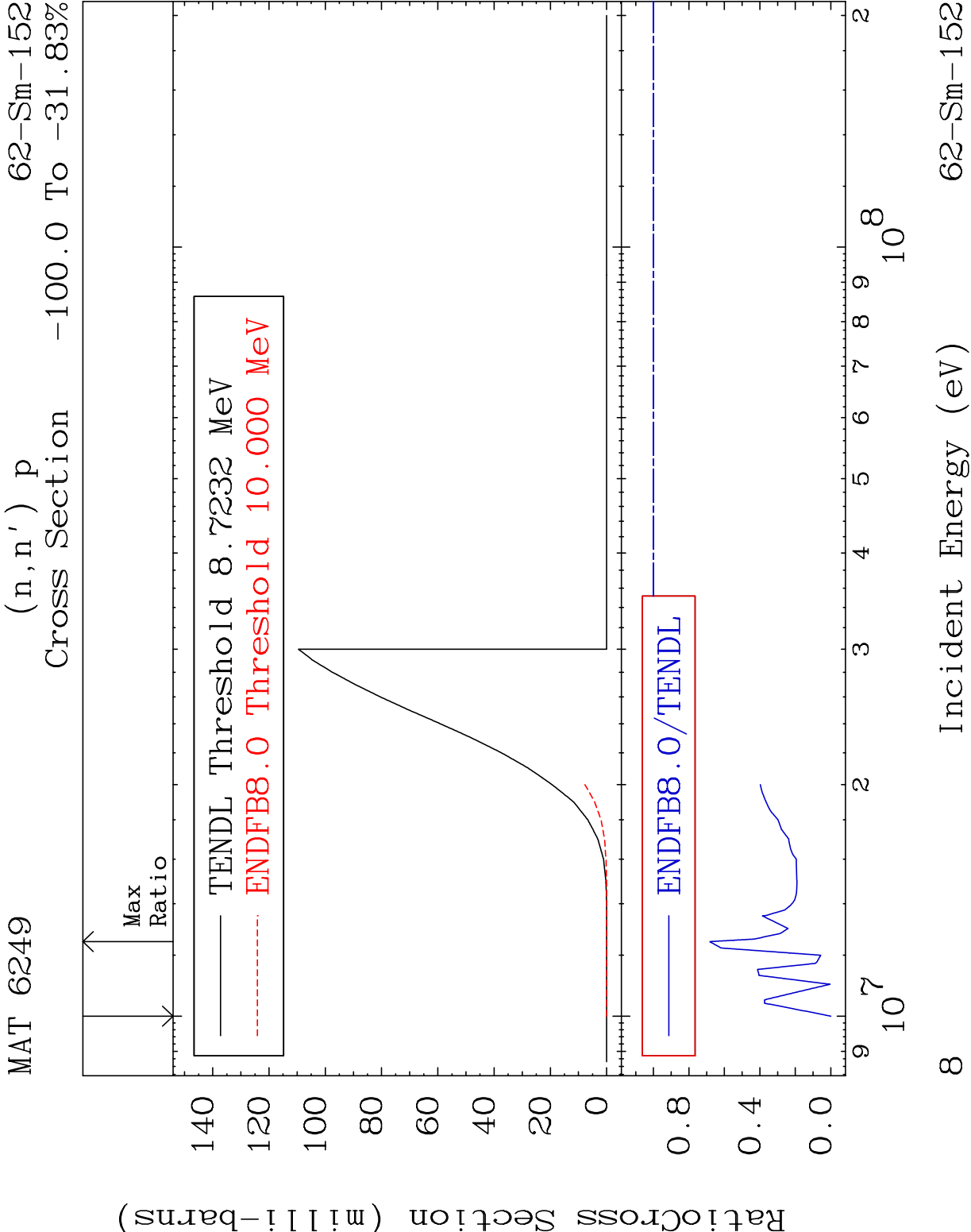


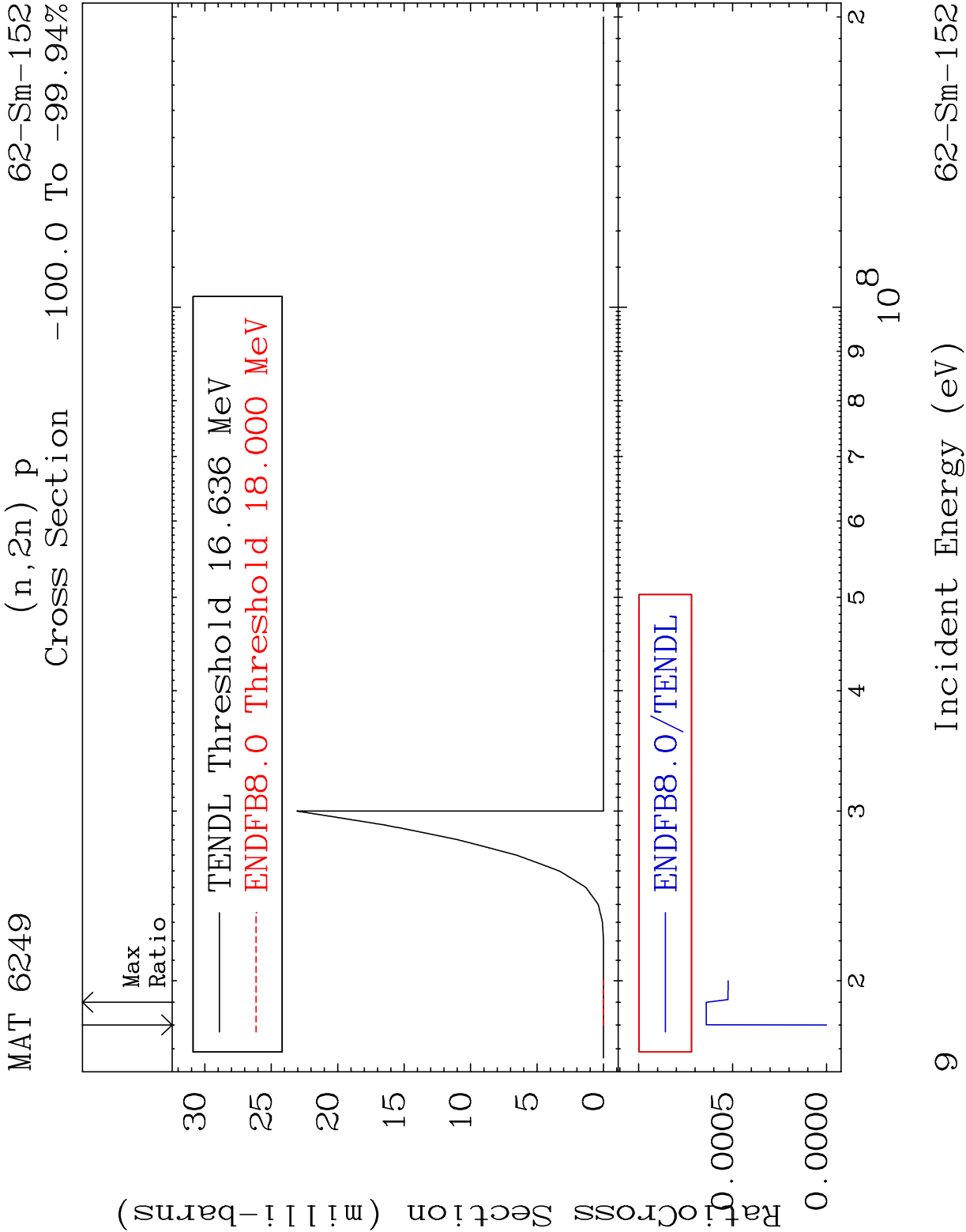












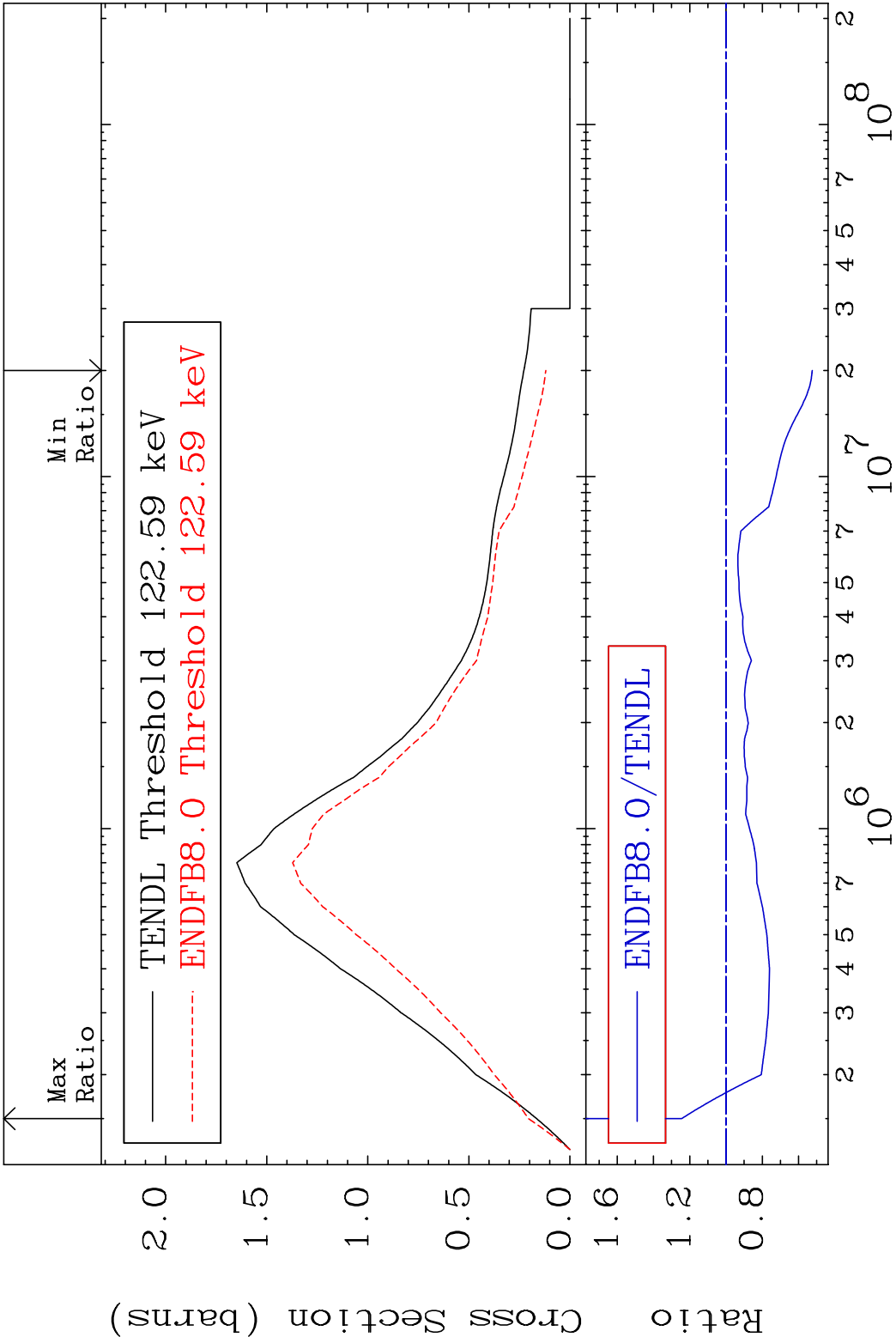
MAT 6249

MT= 51 (n,n') Level

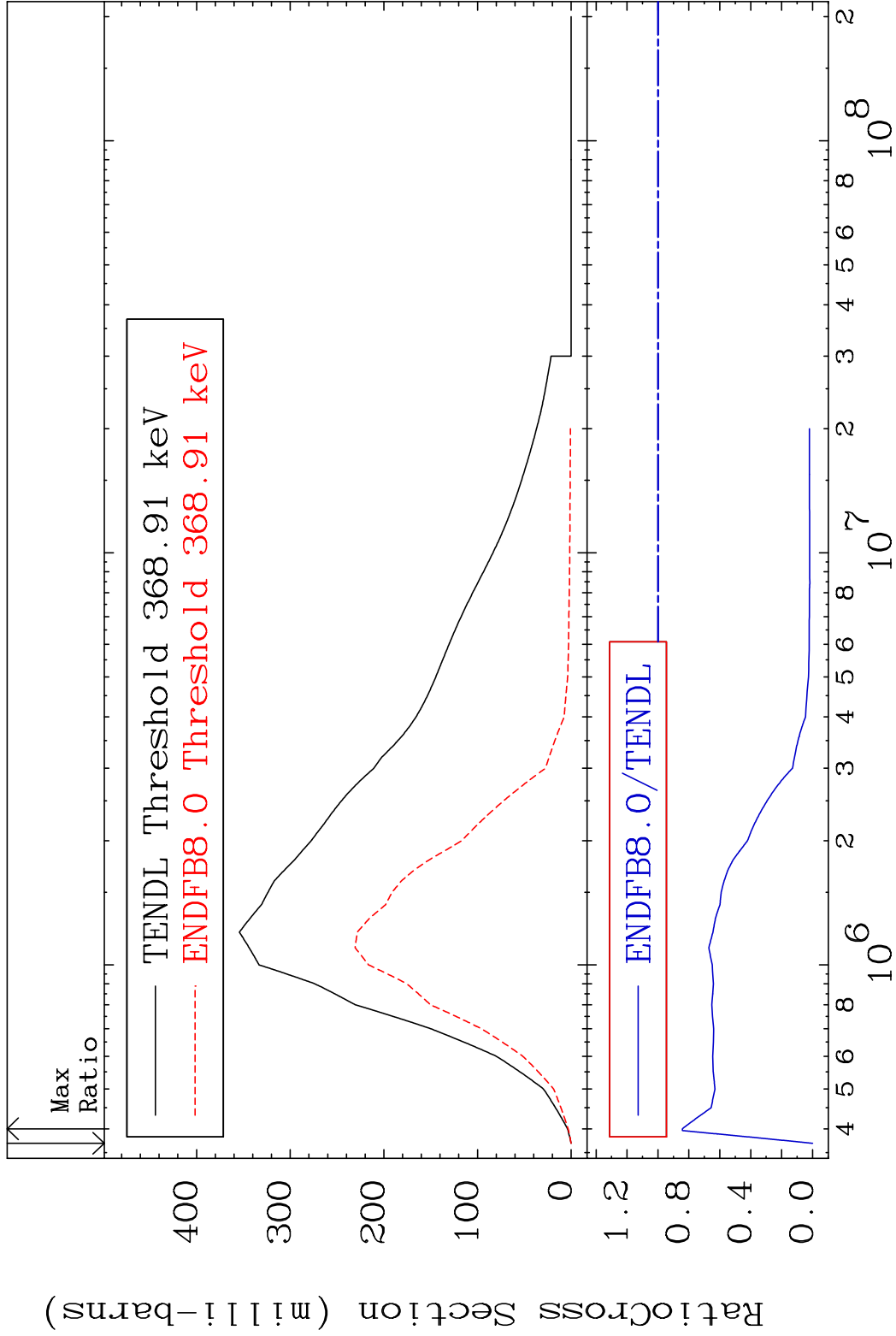
62-Sm-152

Cross Section

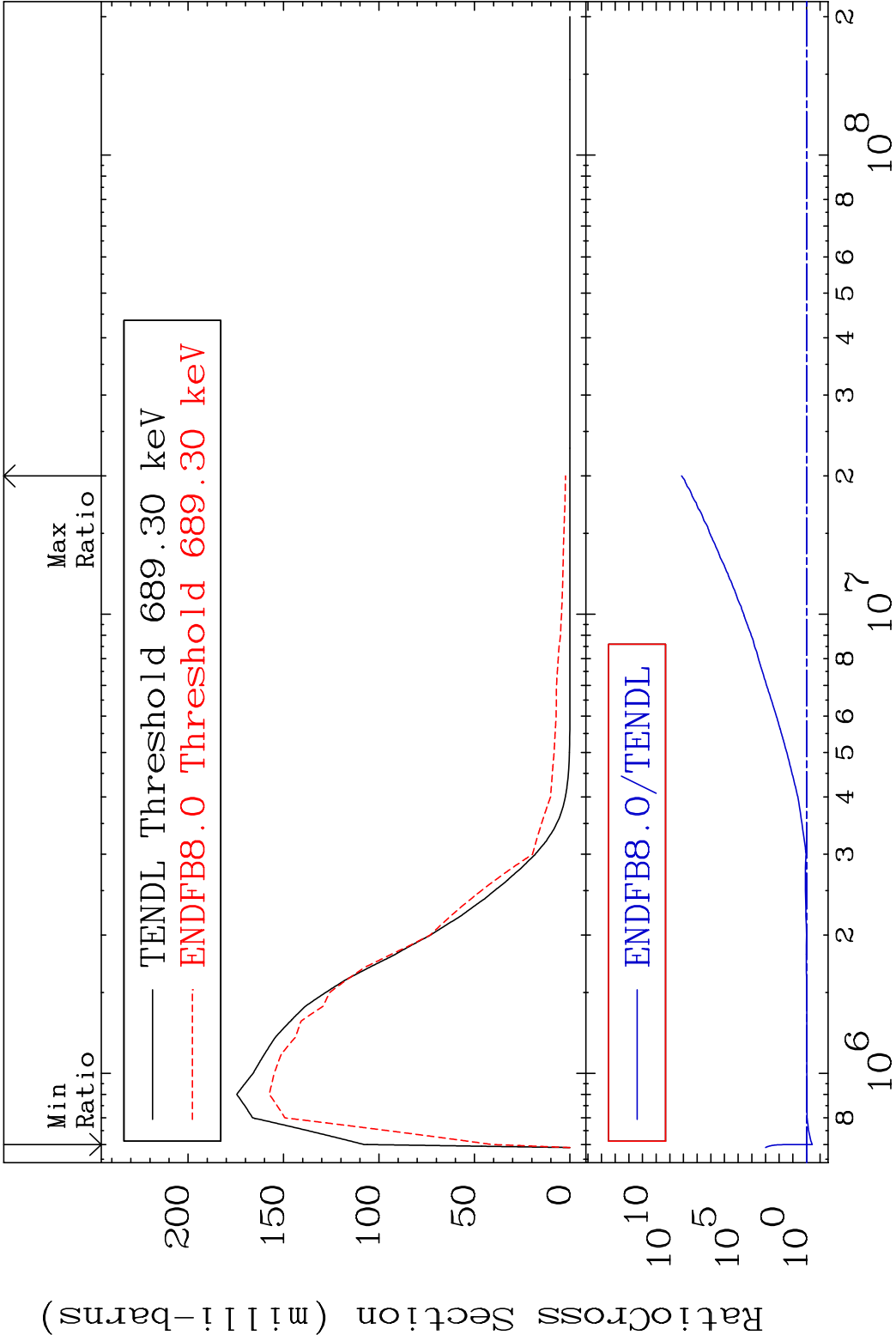
-47.55 To 24.52 %



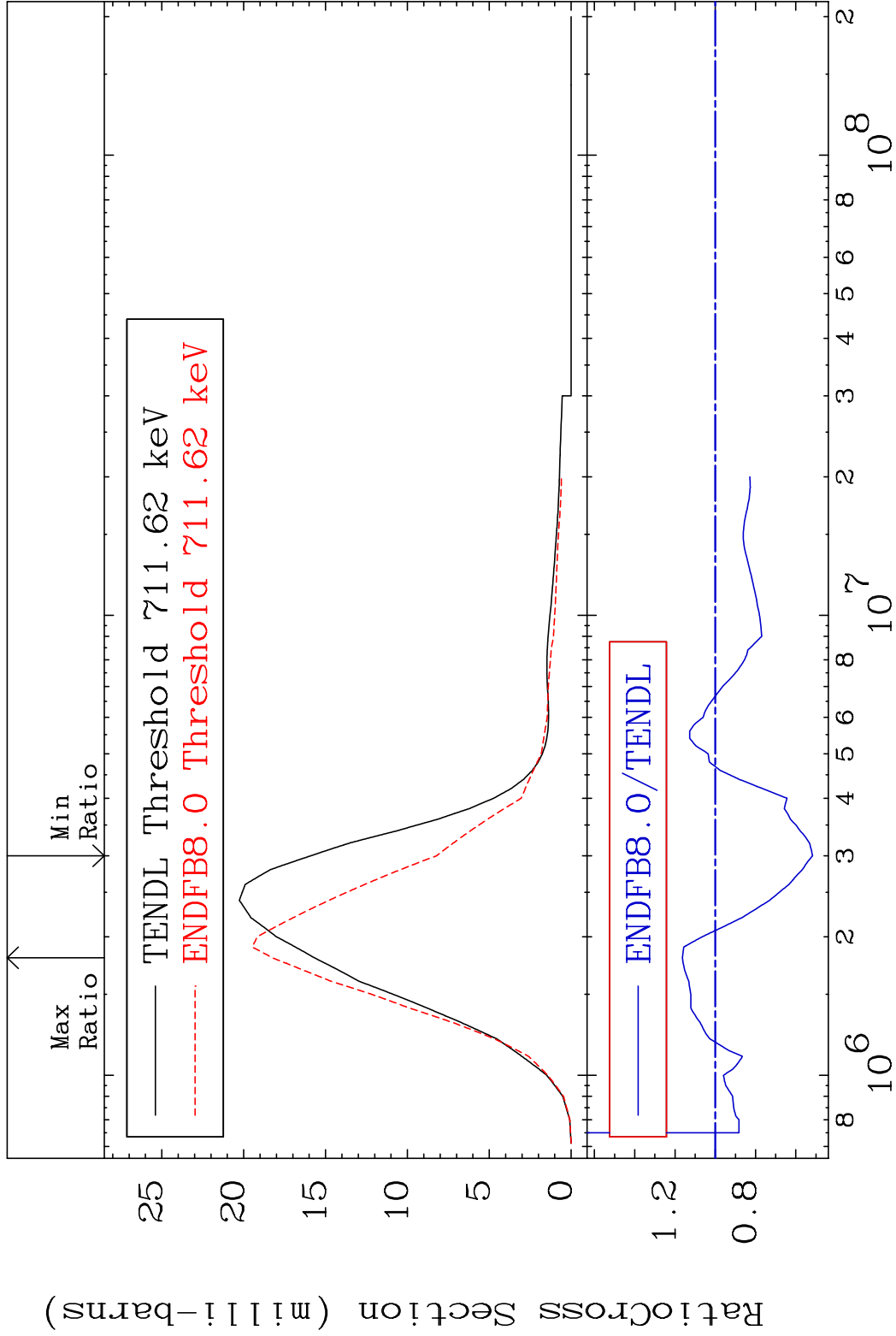
MAT 6249 MT= 52 (n,n') Level 62-Sm-152
Cross Section -100.0 To -15.79%



MAT 6249 MT= 53 (n,n') Level 62-Sm-152
Cross Section -62.12 To 9999. %

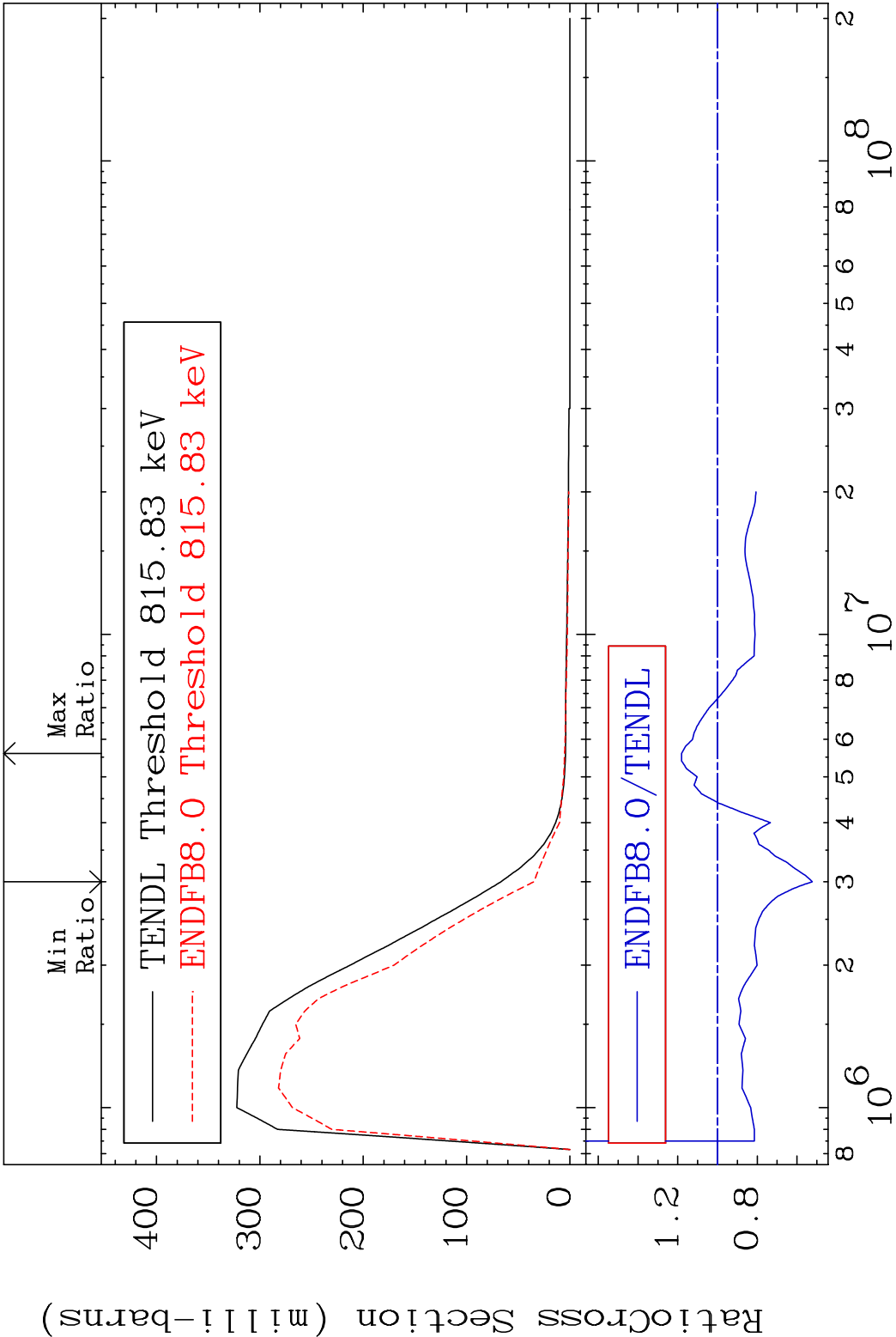


MAT 6249 MT= 54 (n,n') Level 62-Sm-152
Cross Section -48.31 To 16.35 %



13 Incident Energy (eV) 62-Sm-152

MAT 6249 MT= 55 (n,n') Level 62-Sm-152
Cross Section -47.69 To 18.11 %



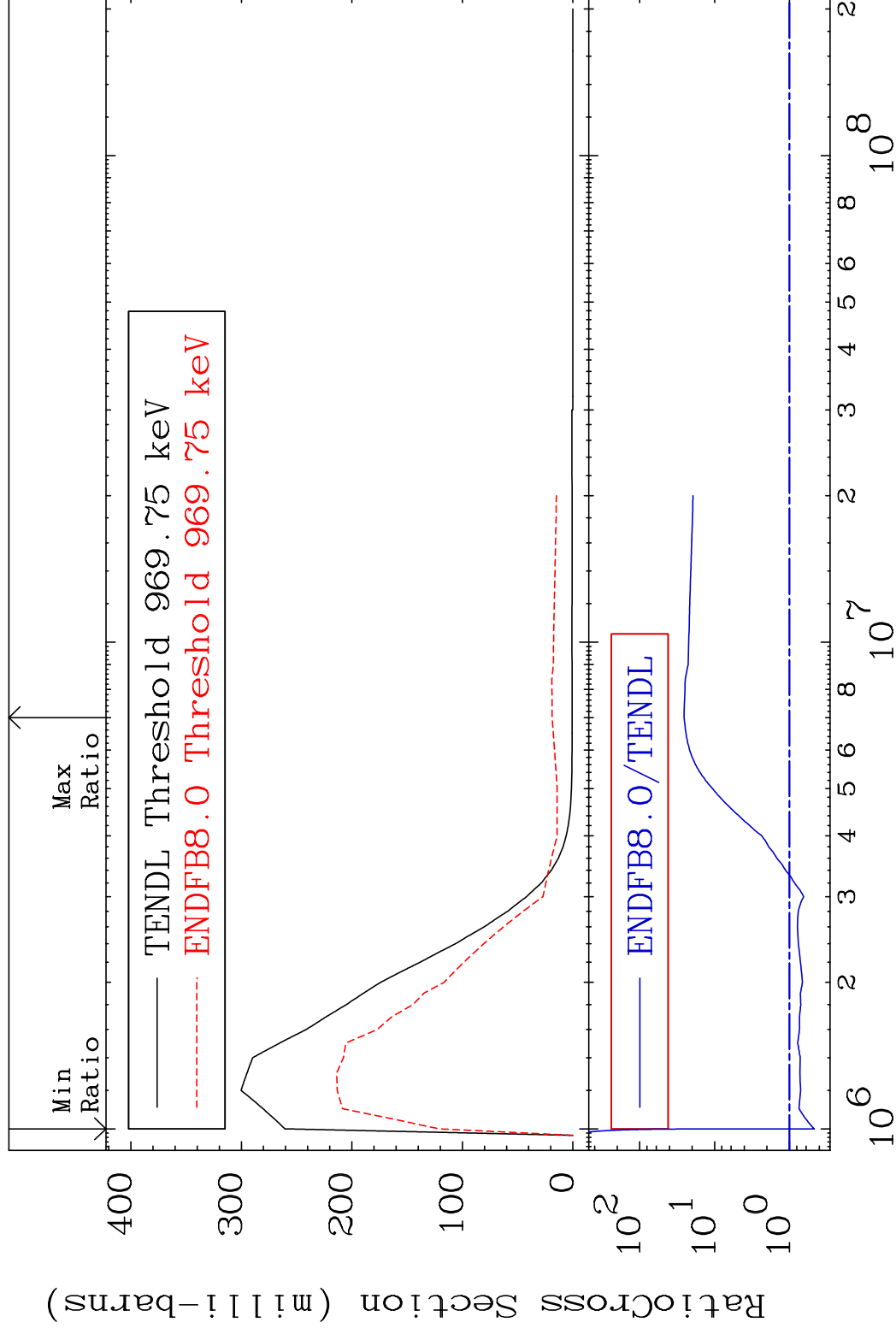
14 Incident Energy (eV) 62-Sm-152

MAT 6249

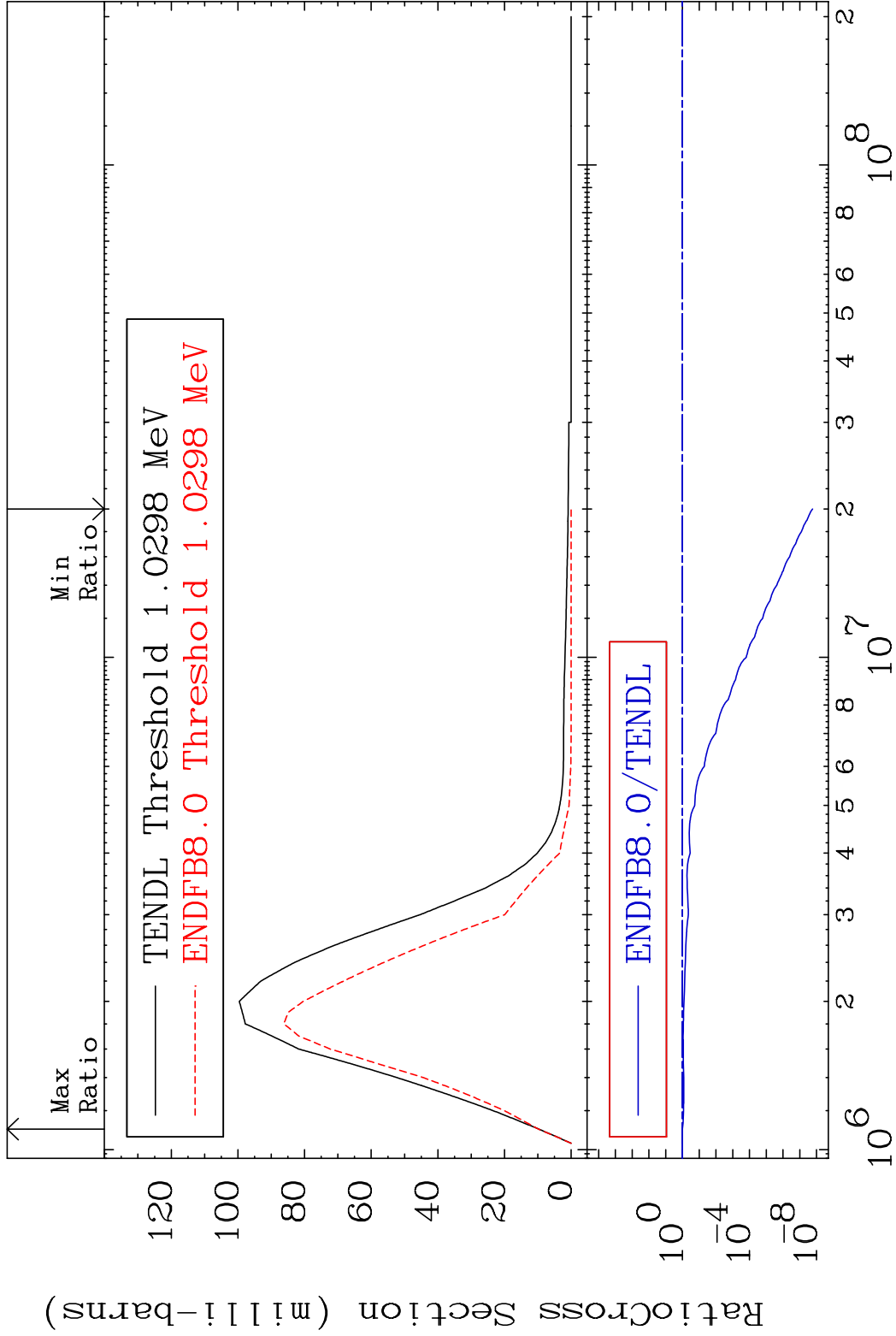
MT= 56 (n, n') Level

62-Sm-152

Cross Section -53.41 To 2457. %

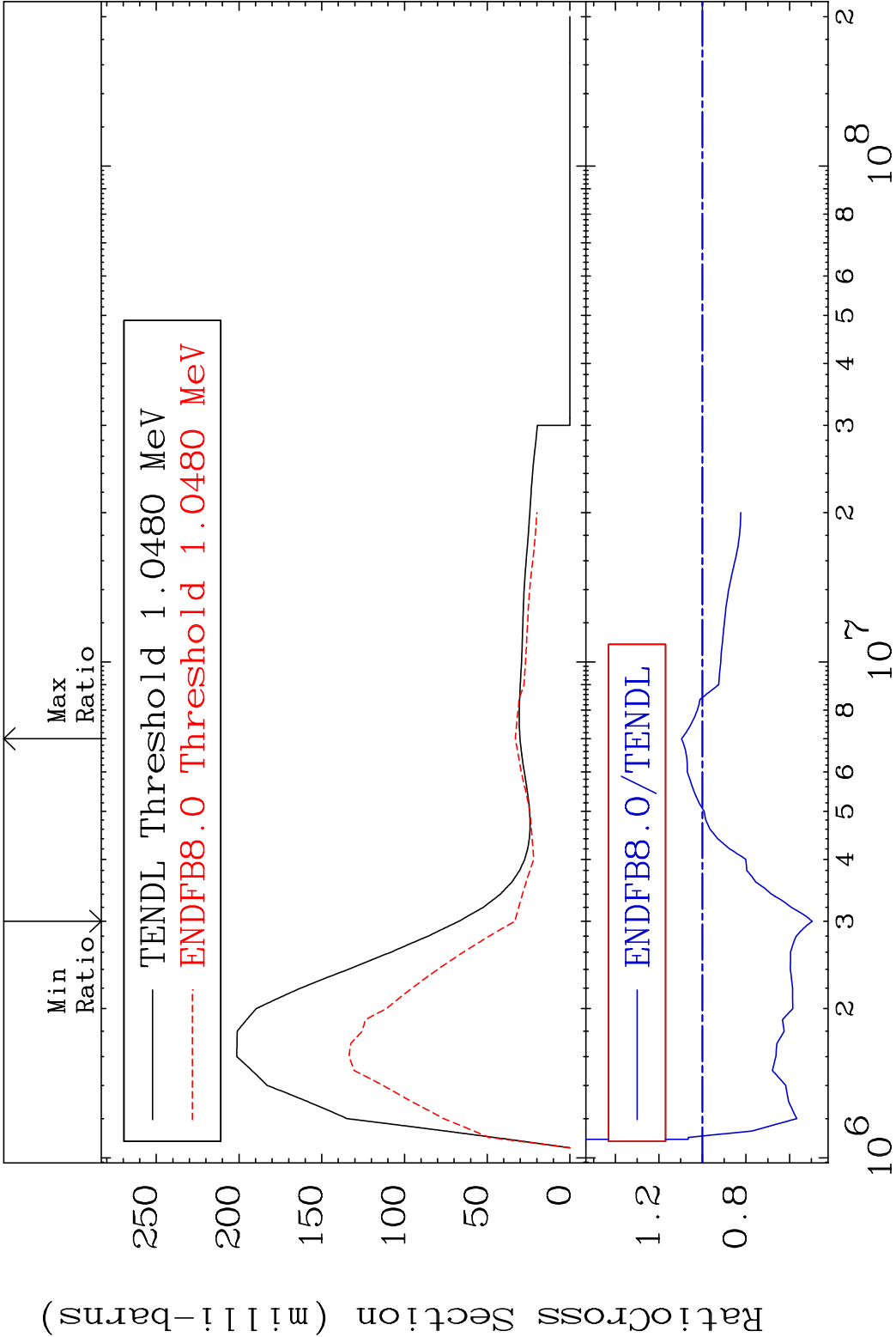


MAT 6249 MT= 57 (n,n') Level 62-Sm-152
Cross Section -100.0 To 1.396 %



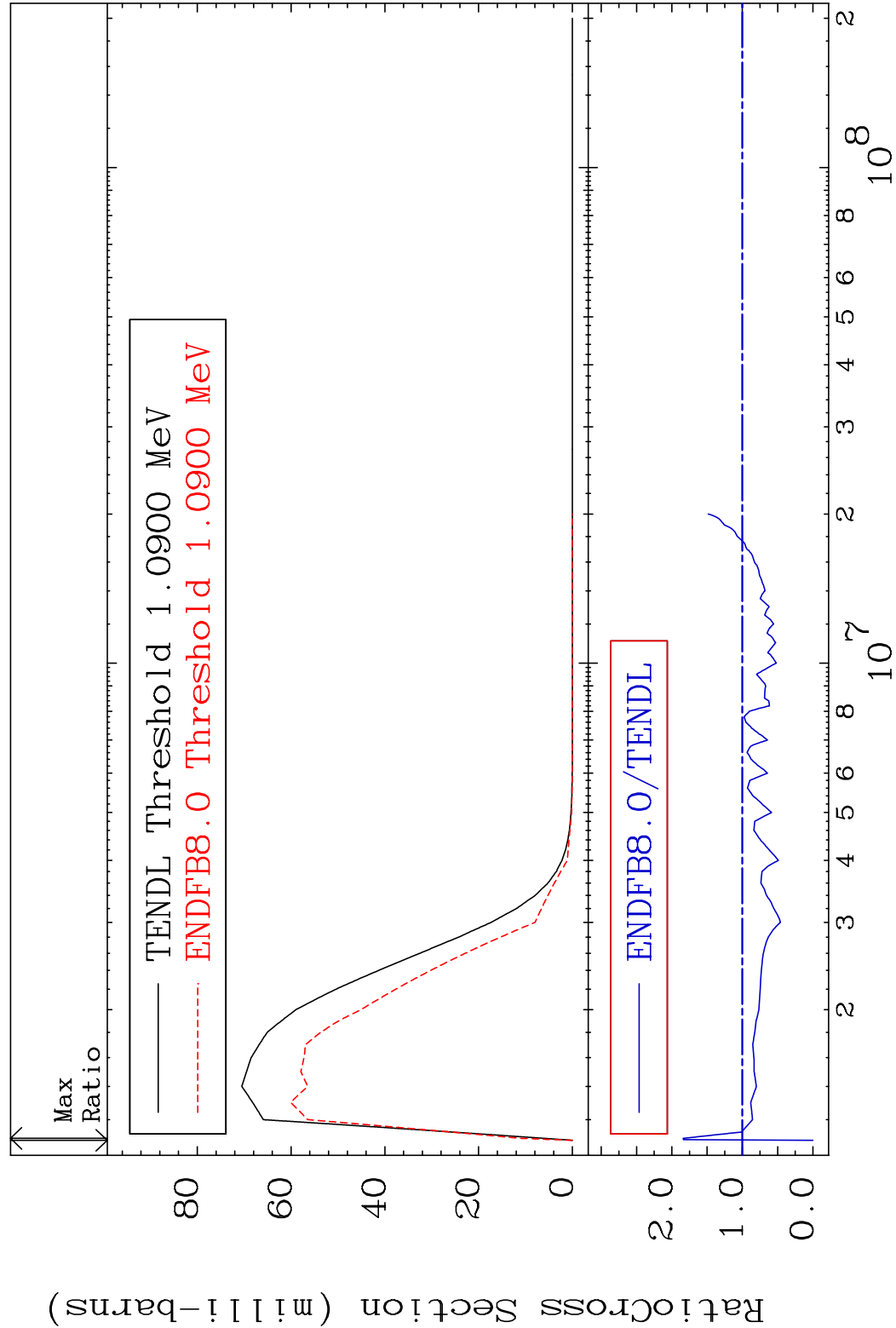
16 Incident Energy (eV) 62-Sm-152

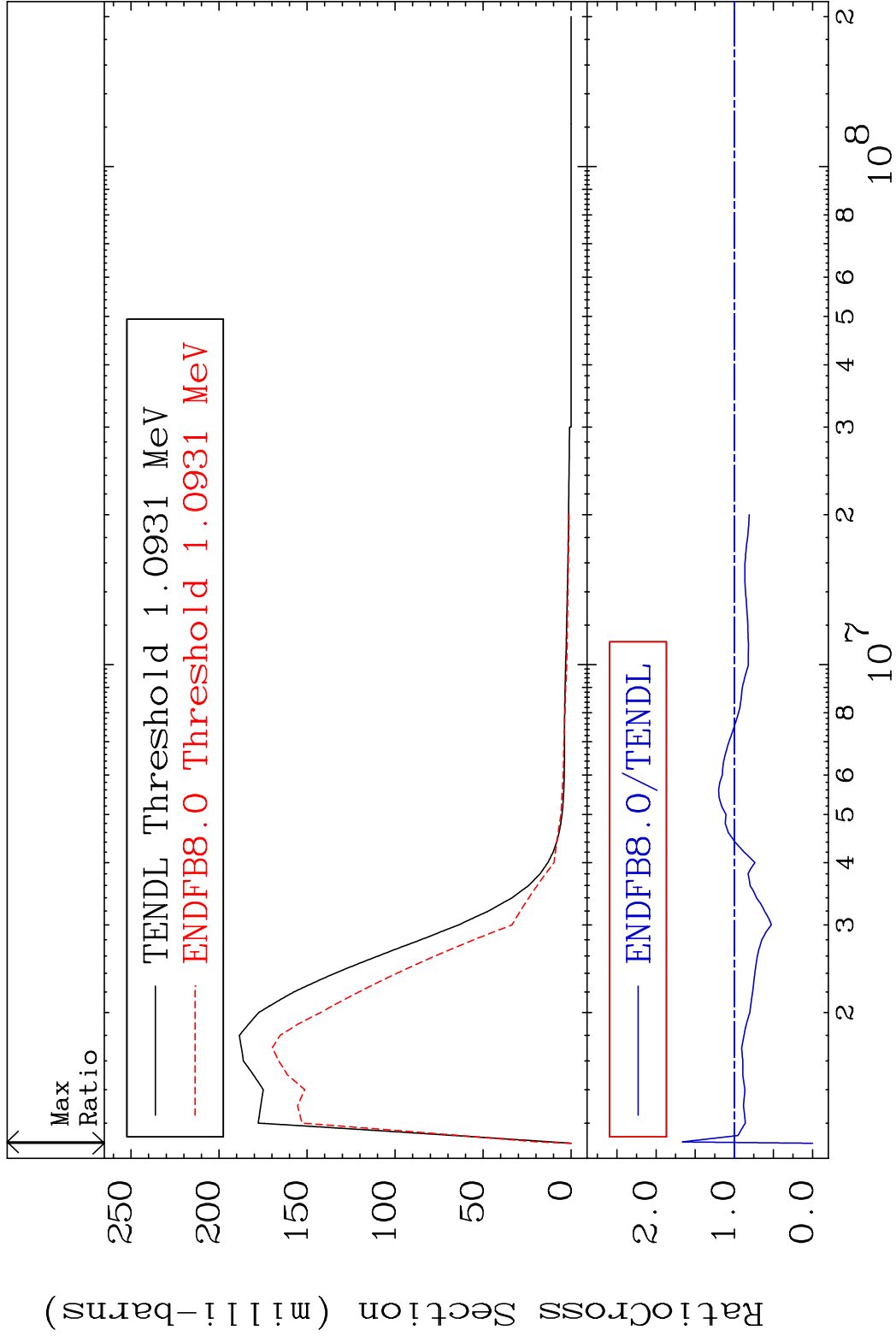
MAT 6249 MT= 58 (n,n') Level 62-Sm-152
Cross Section -50.42 To 9.608 %



17 Incident Energy (eV) 62-Sm-152

MAT 6249	MT= 59 (n,n')	Level	62-Sm-152
	Cross Section	-100.0 To 83.92 %	





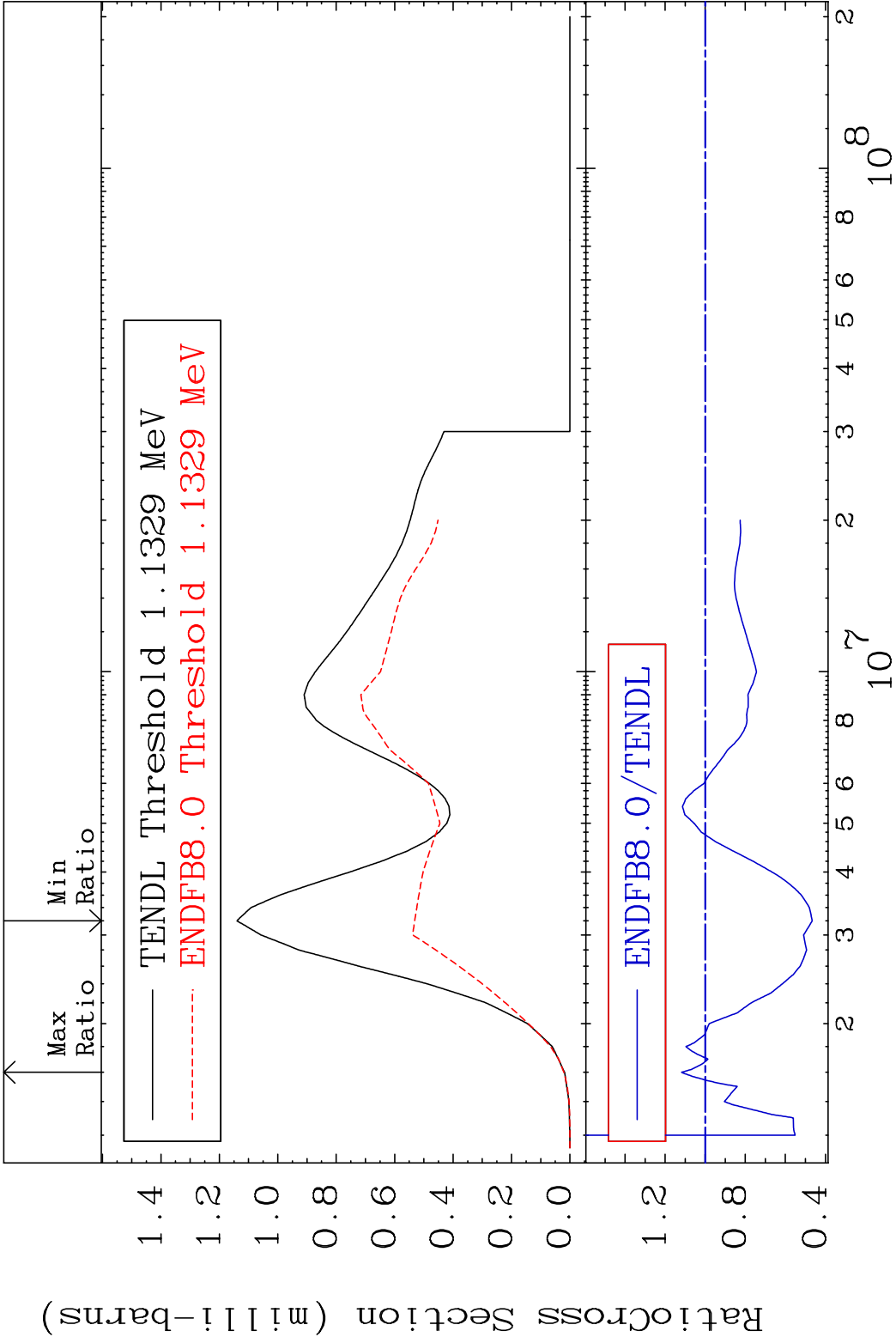
MAT 6249

MT= 61 (n,n') Level

62-Sm-152

Cross Section

-53.40 To 11.84 %



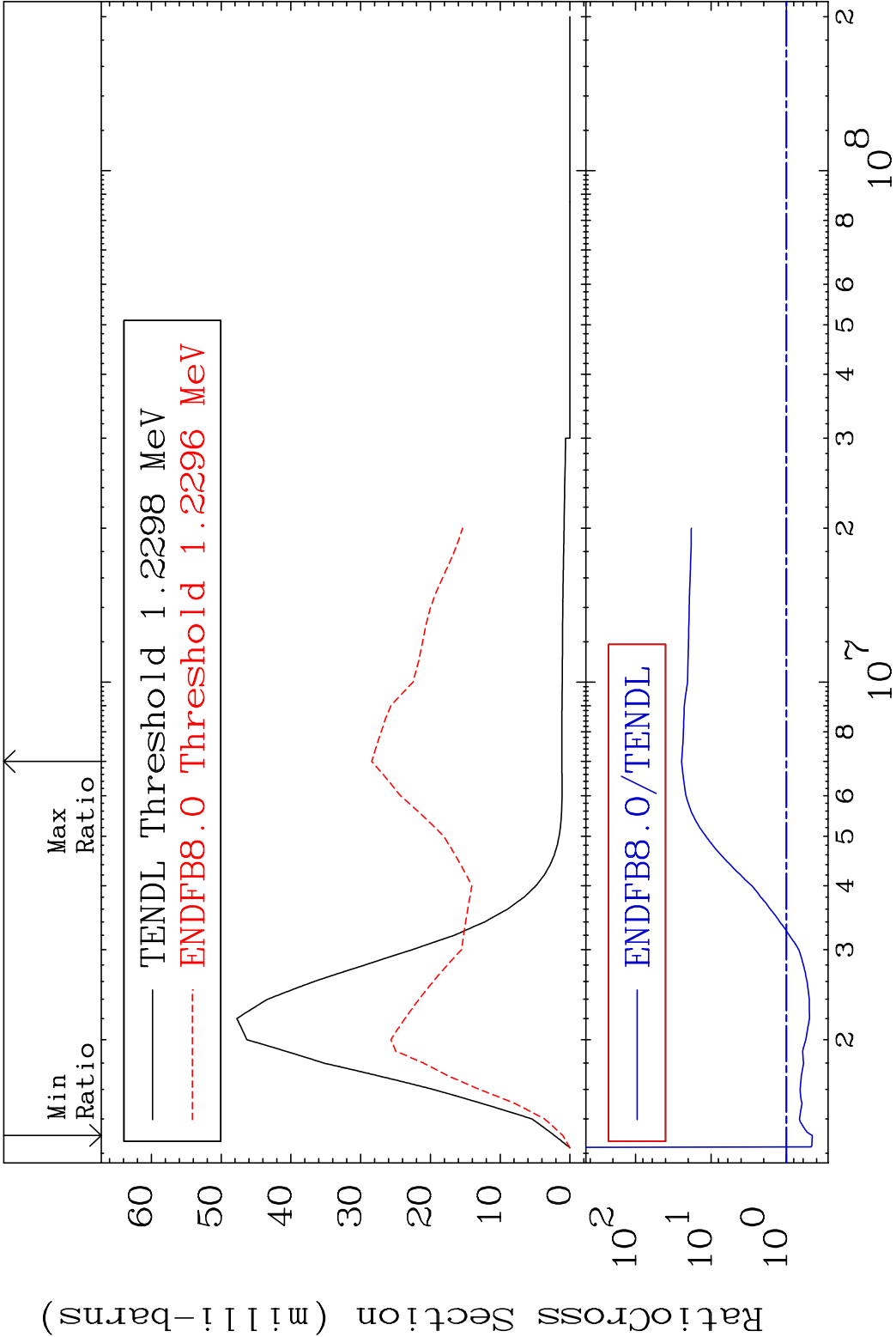
MAT 6249

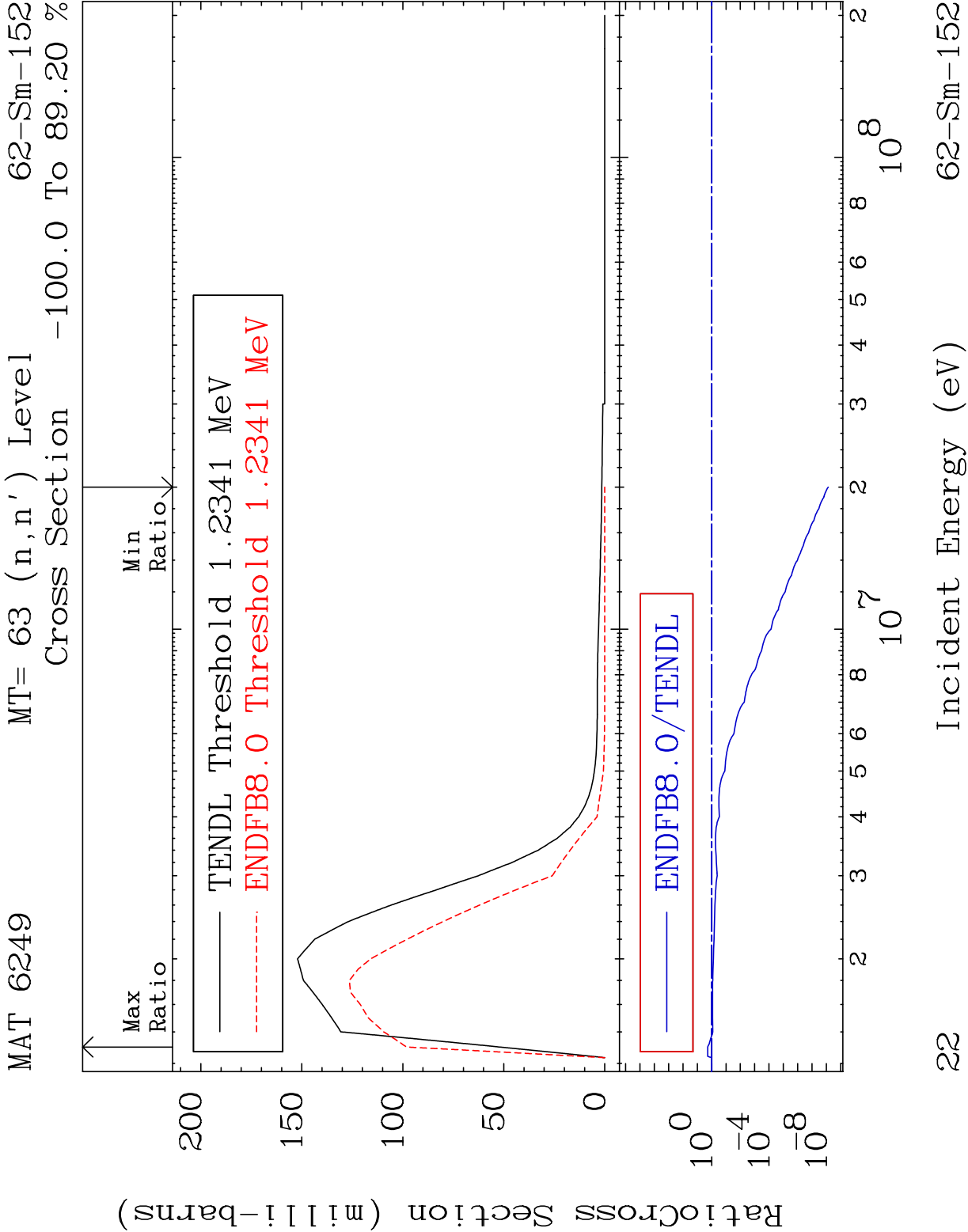
MT= 62 (n,n') Level

62-Sm-152

Cross Section

-54.41 To 2359. %





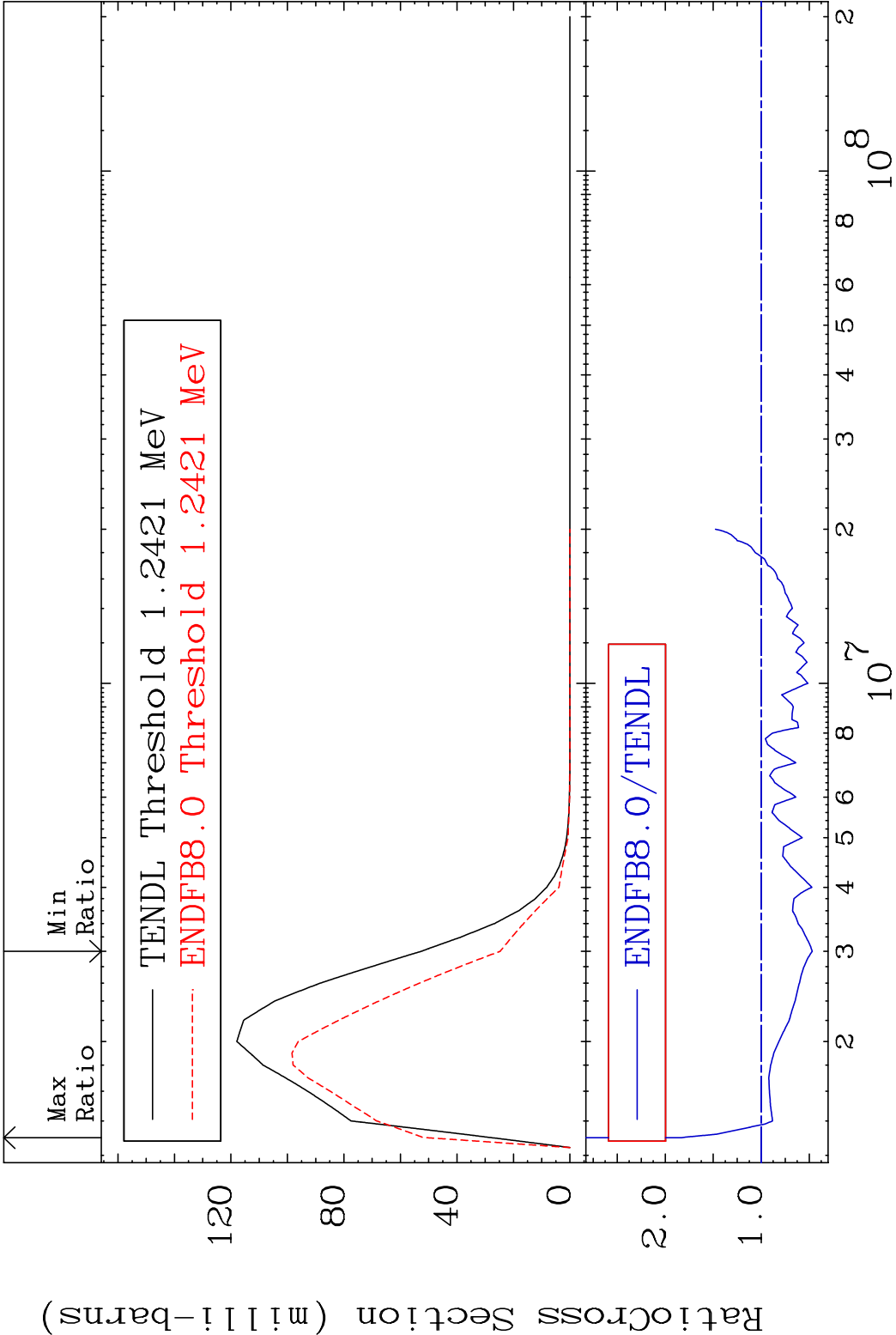
MAT 6249

MT= 64 (n,n') Level

62-Sm-152

Cross Section

-53.12 To 83.00 %



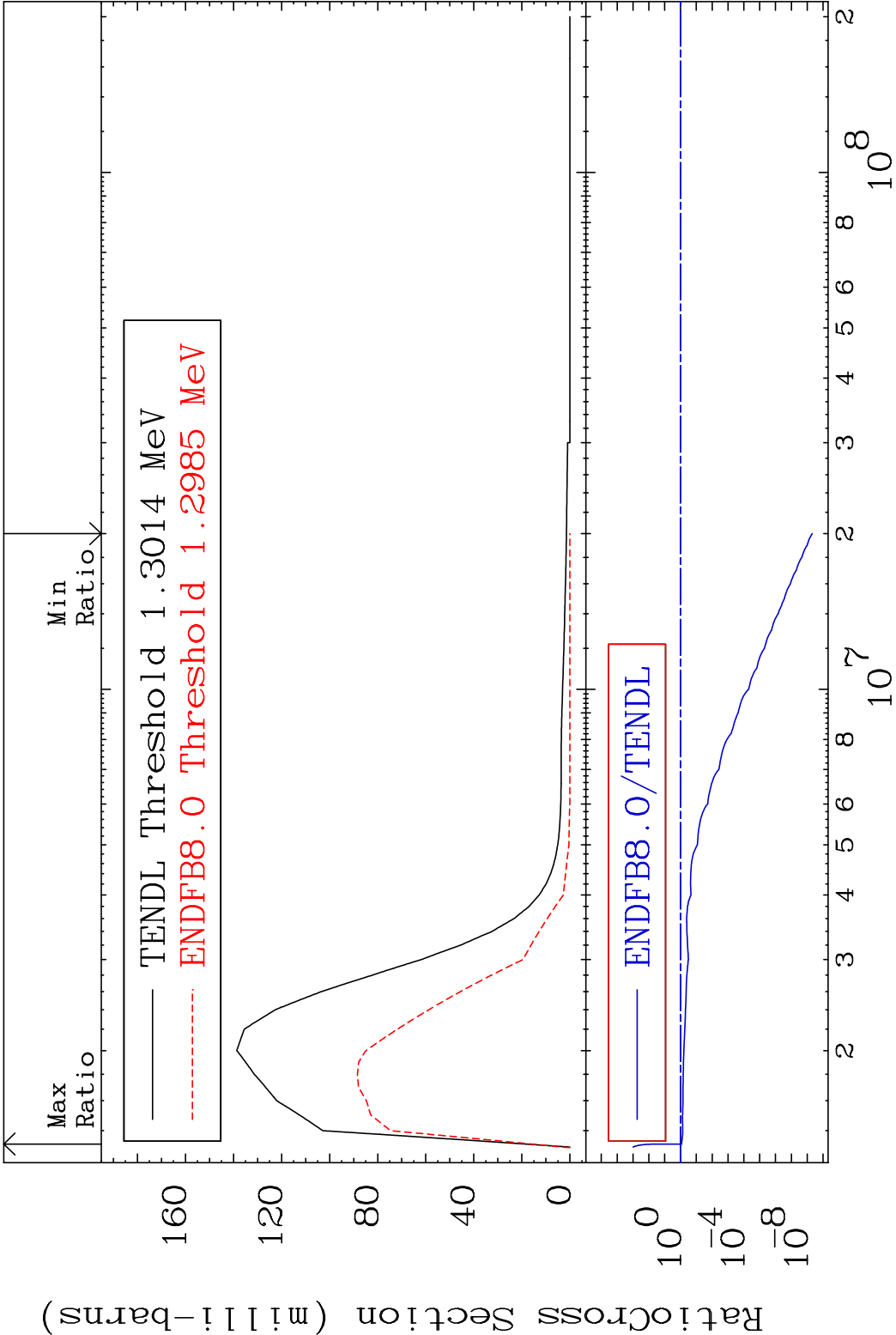
MAT 6249

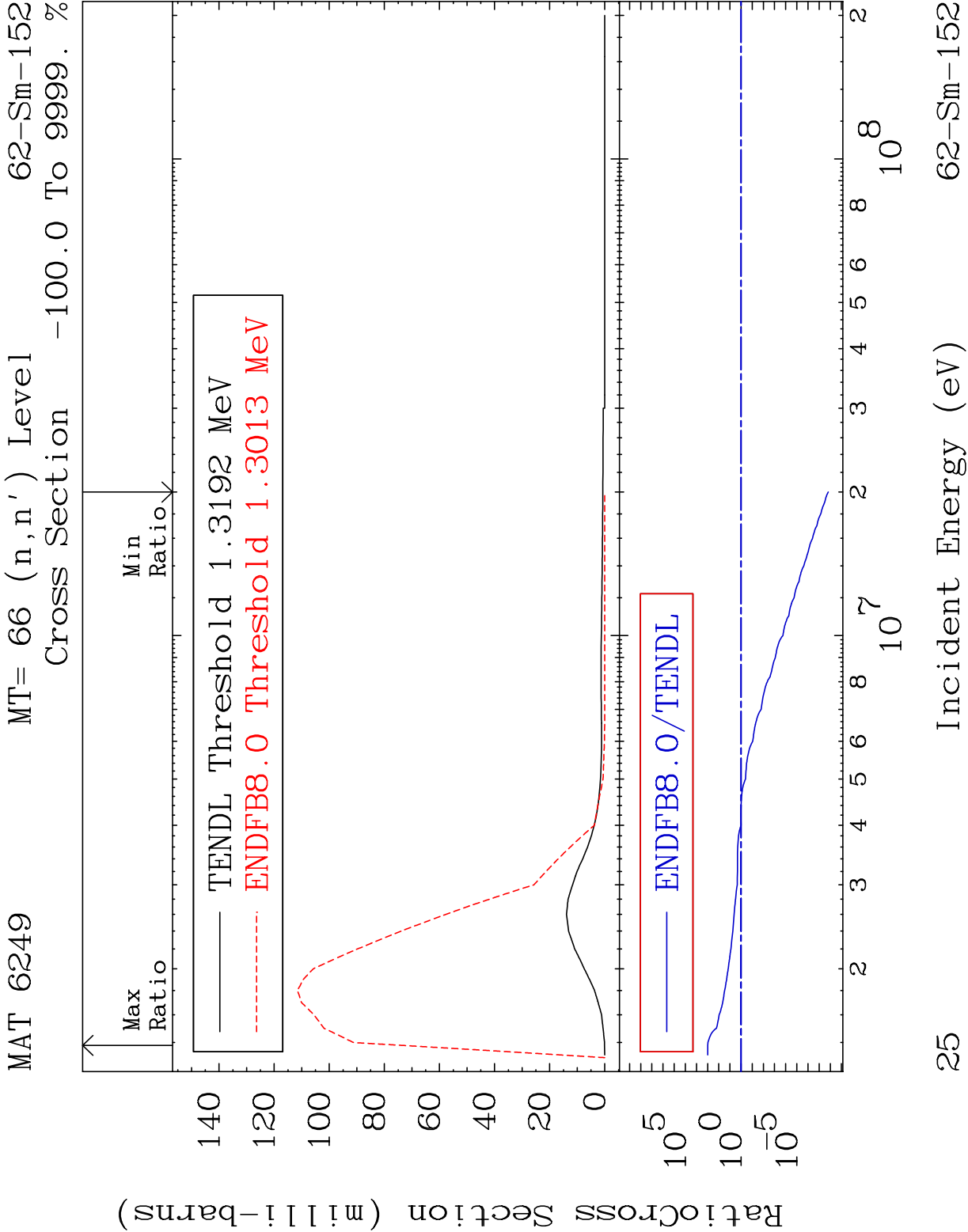
MT= 65 (n,n') Level

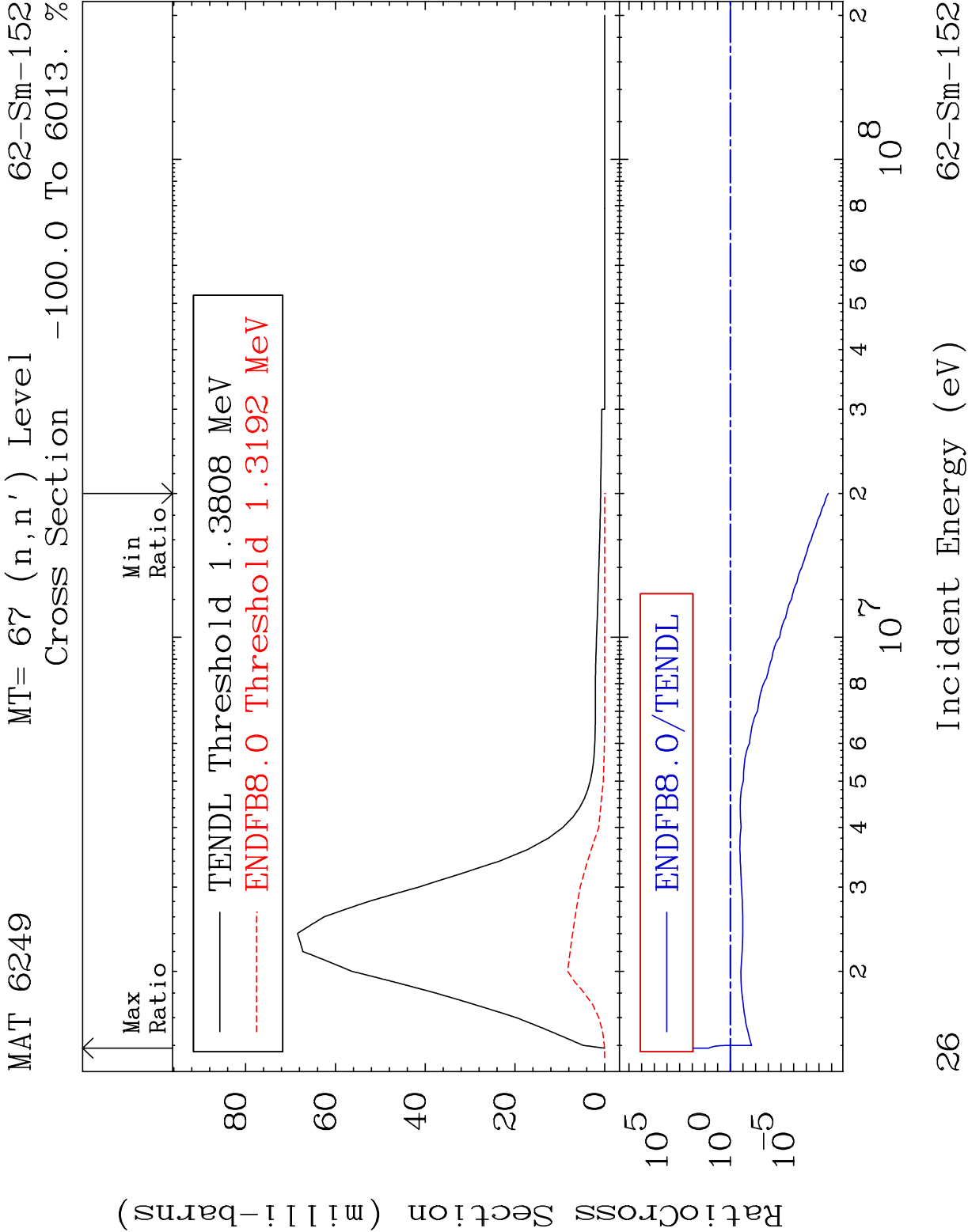
62-Sm-152

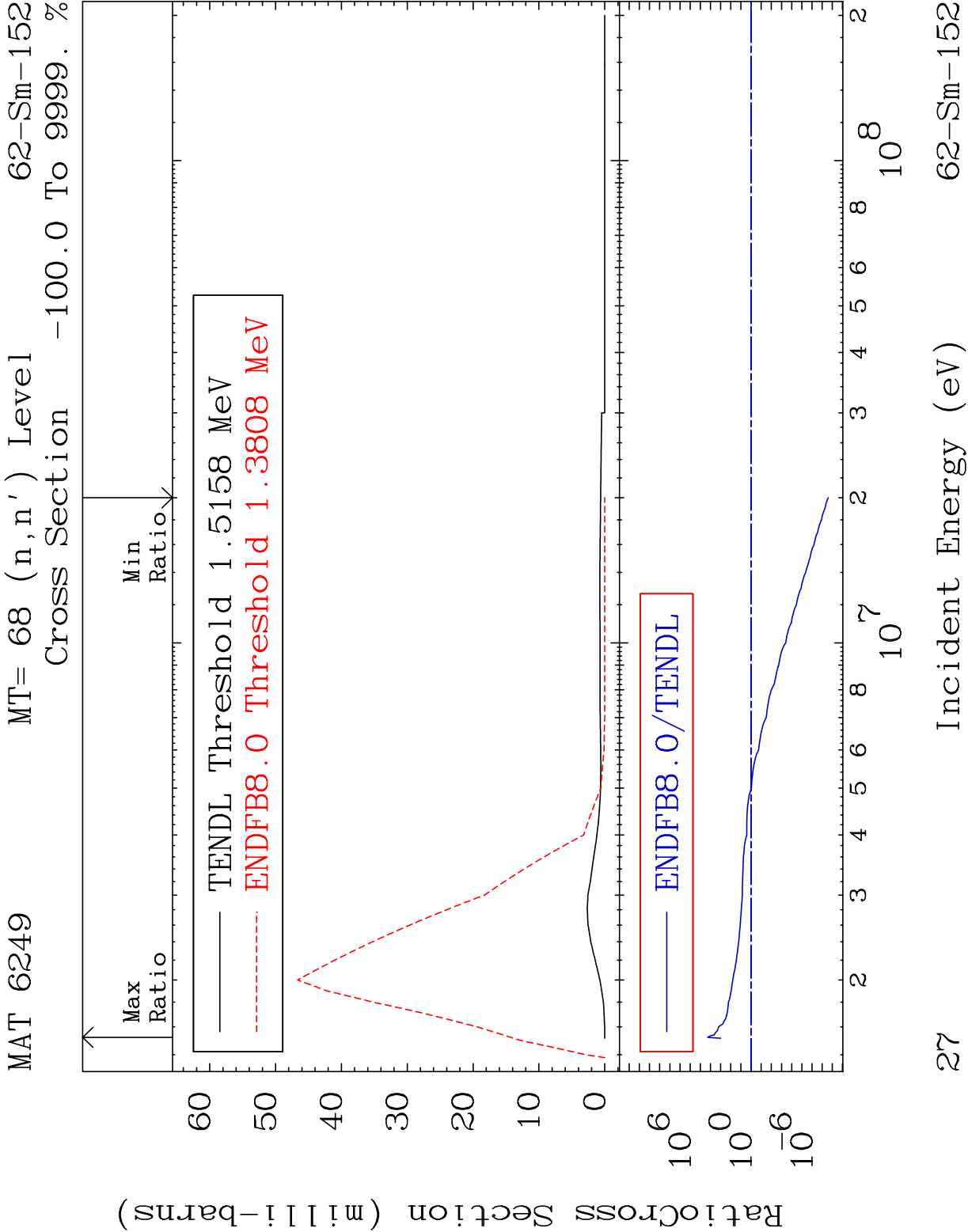
Cross Section

-100.0 To -14.03%









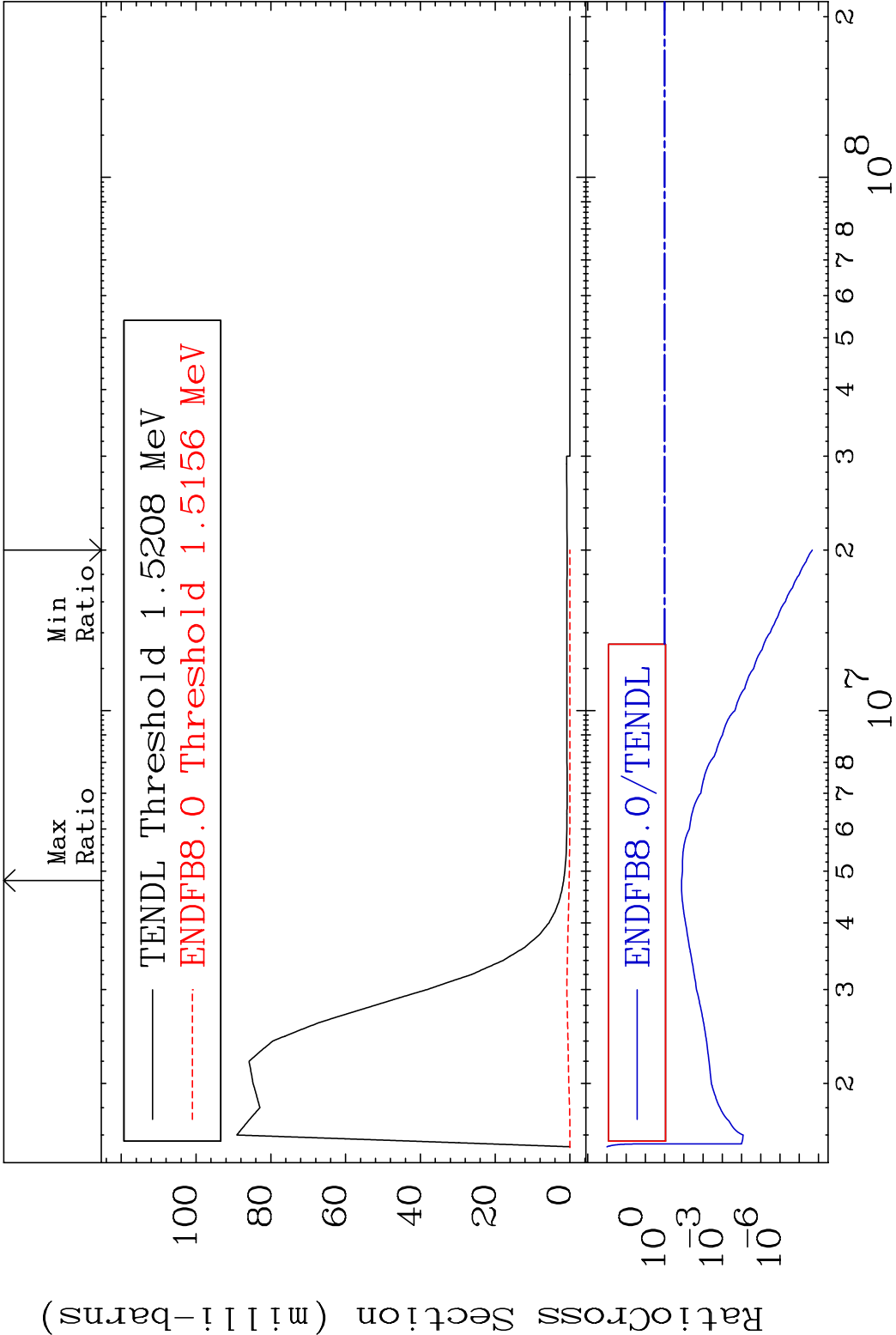
MAT 6249

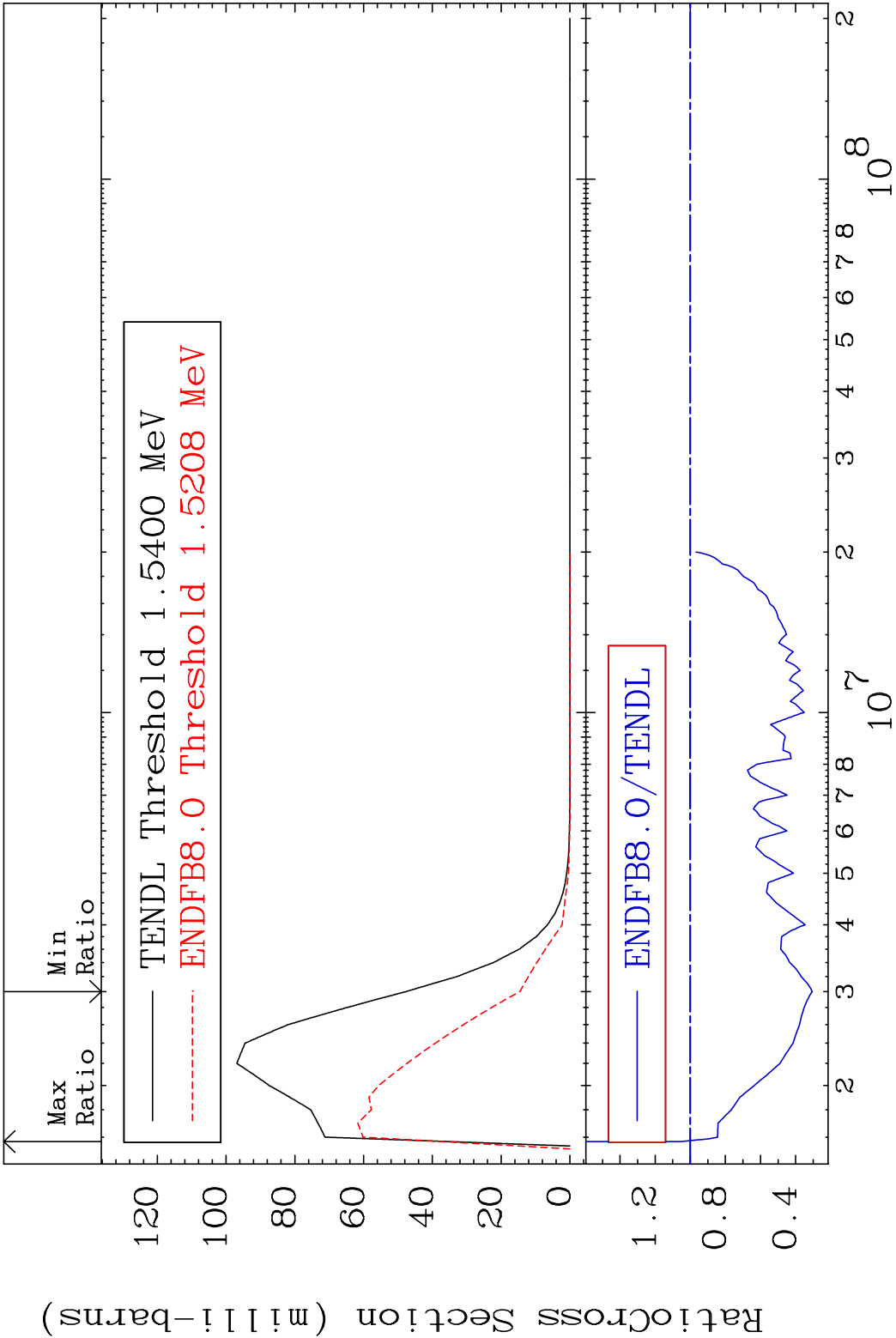
MT= 69 (n,n') Level

62-Sm-152

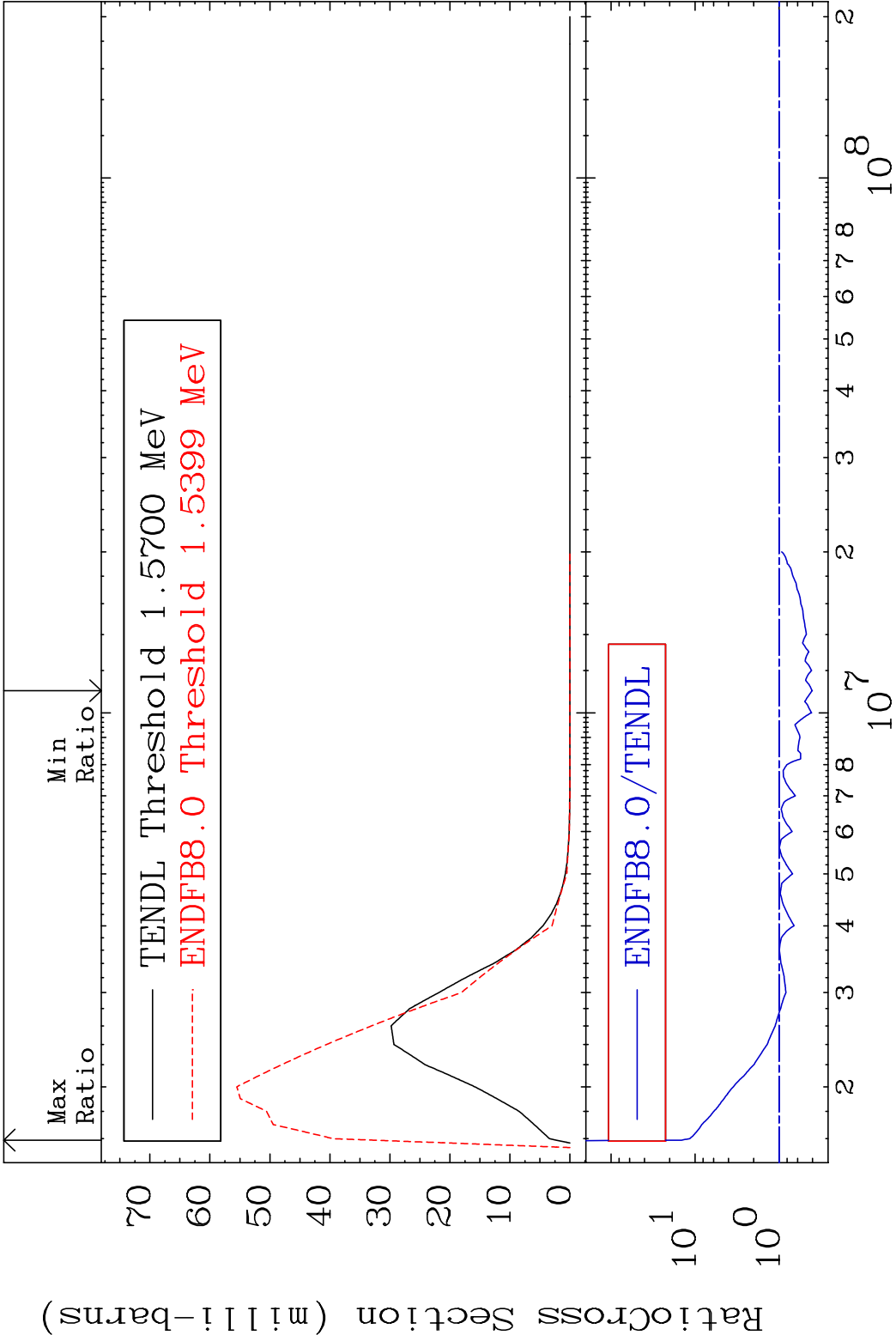
Cross Section

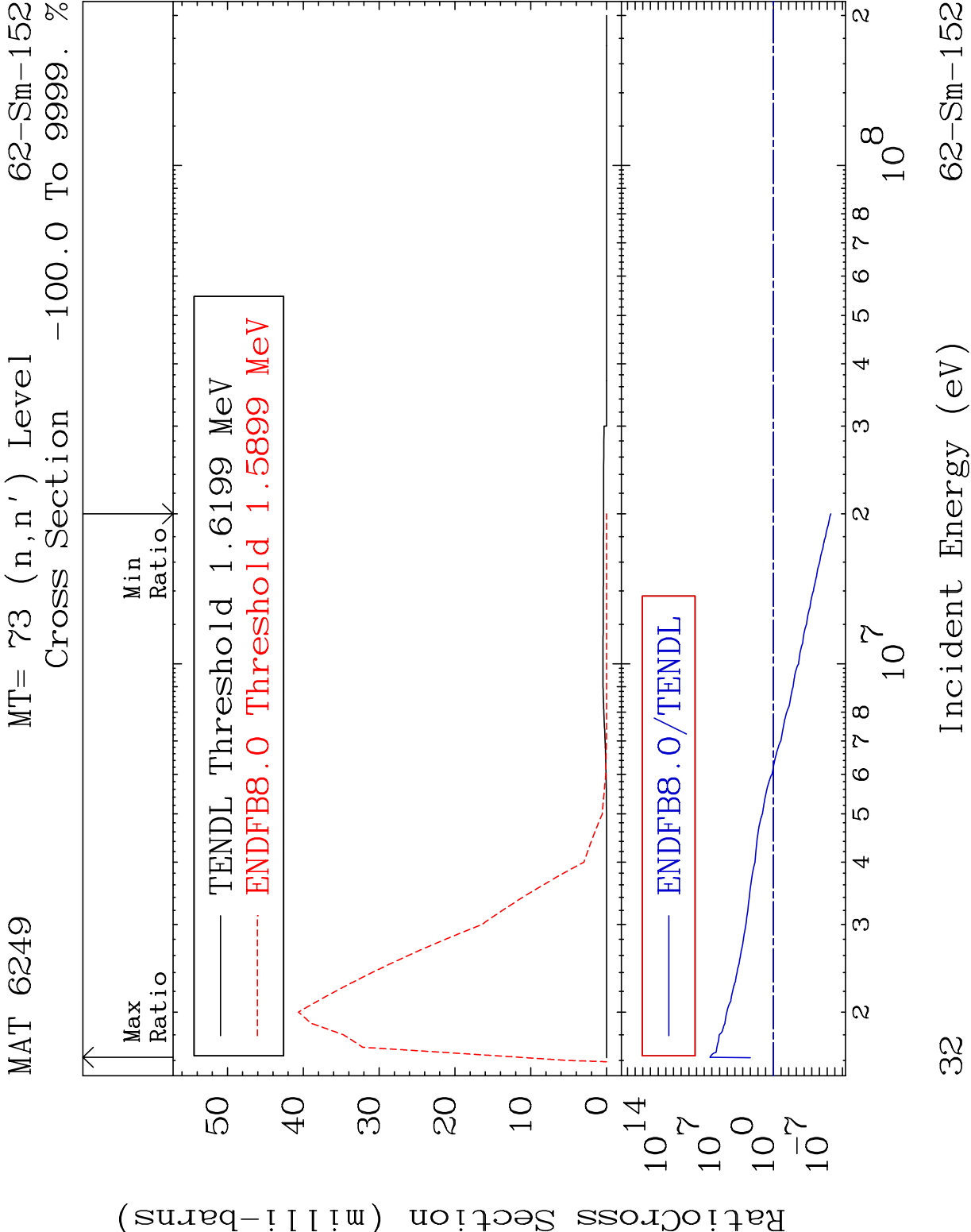
-100.0 To -86.89%





MAT 6249 MT= 71 (n,n') Level 62-Sm-152
Cross Section -59.78 To 1347. %





MAT 6249

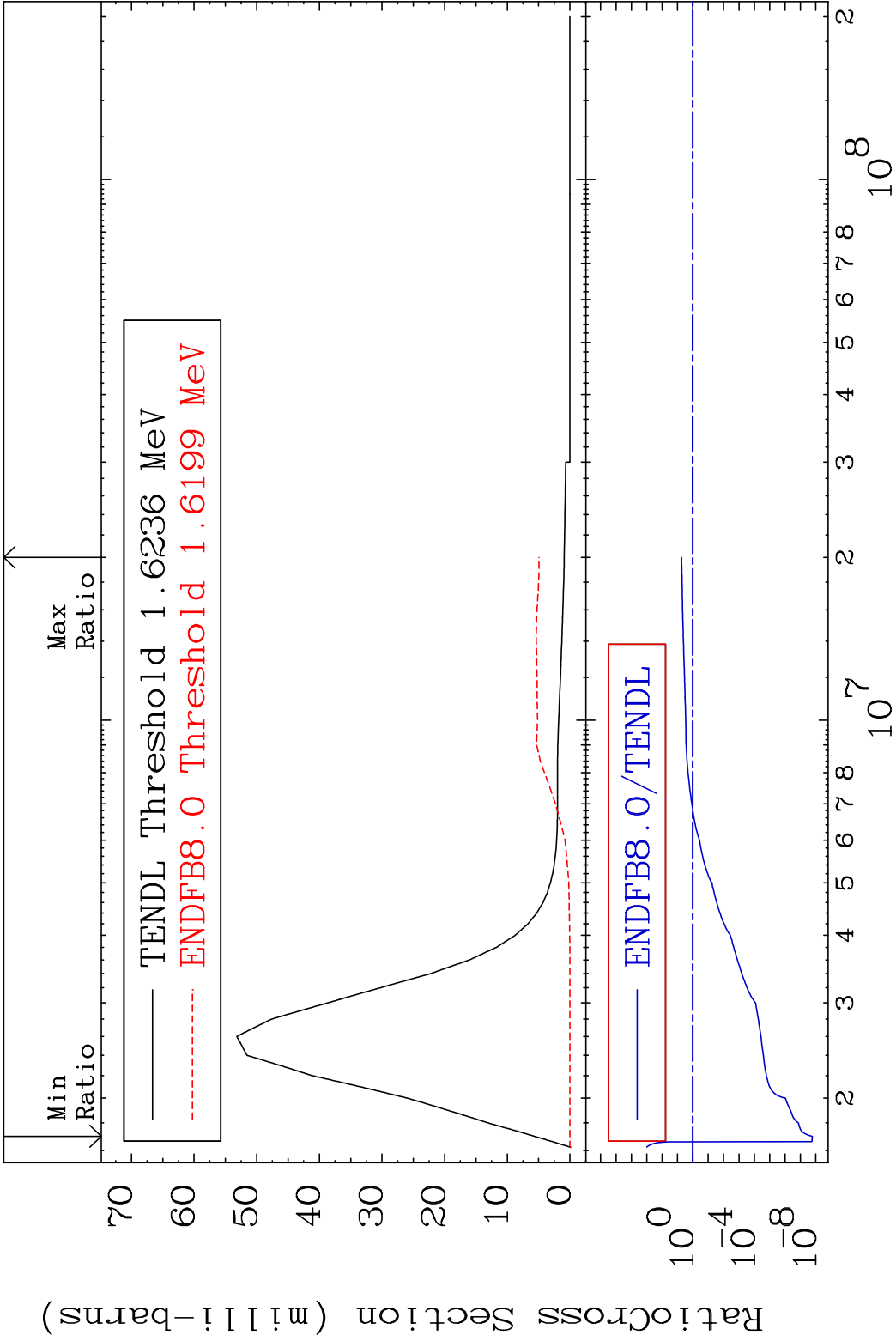
MT= 74 (n,n')

Level

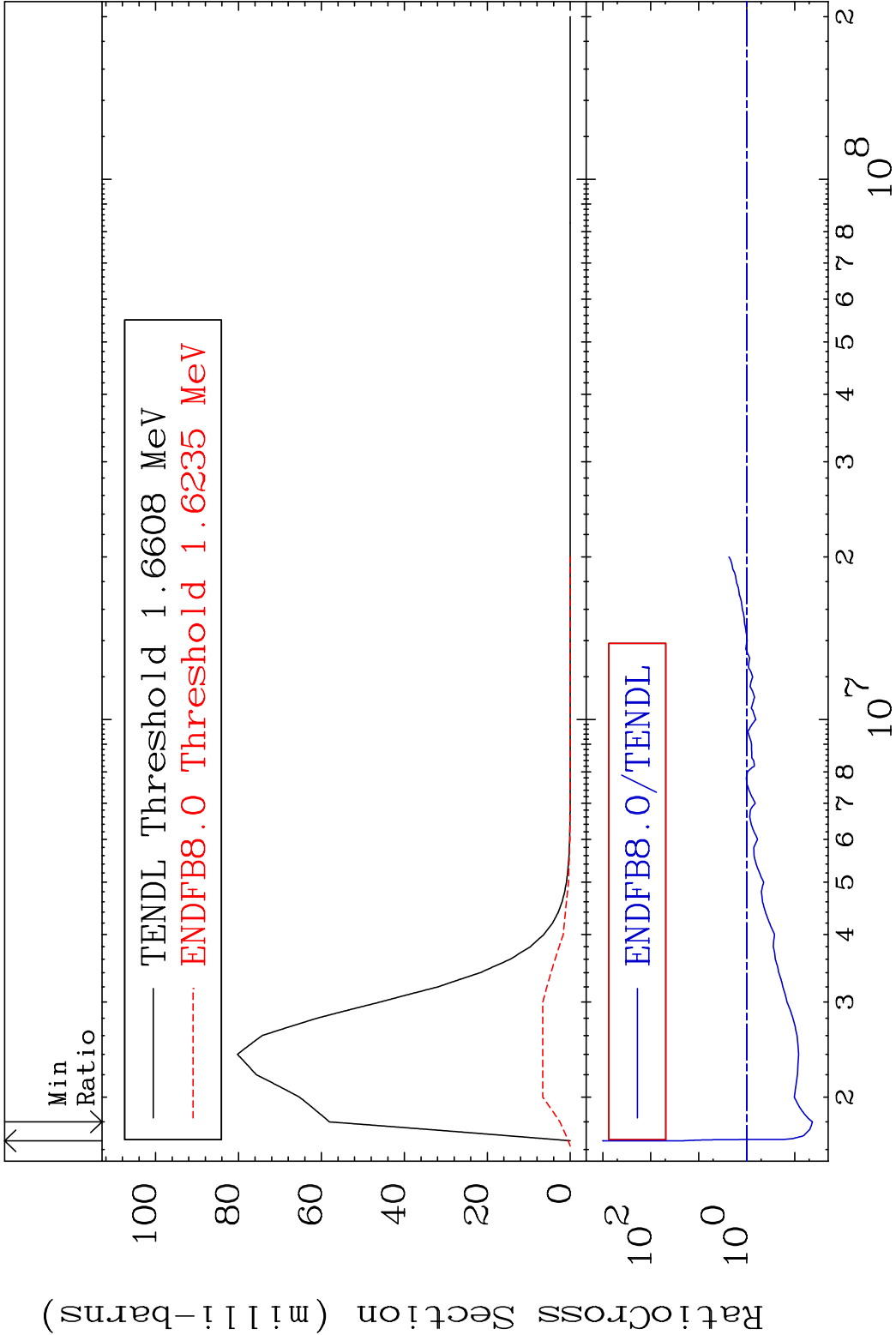
62-Sm-152

Cross Section

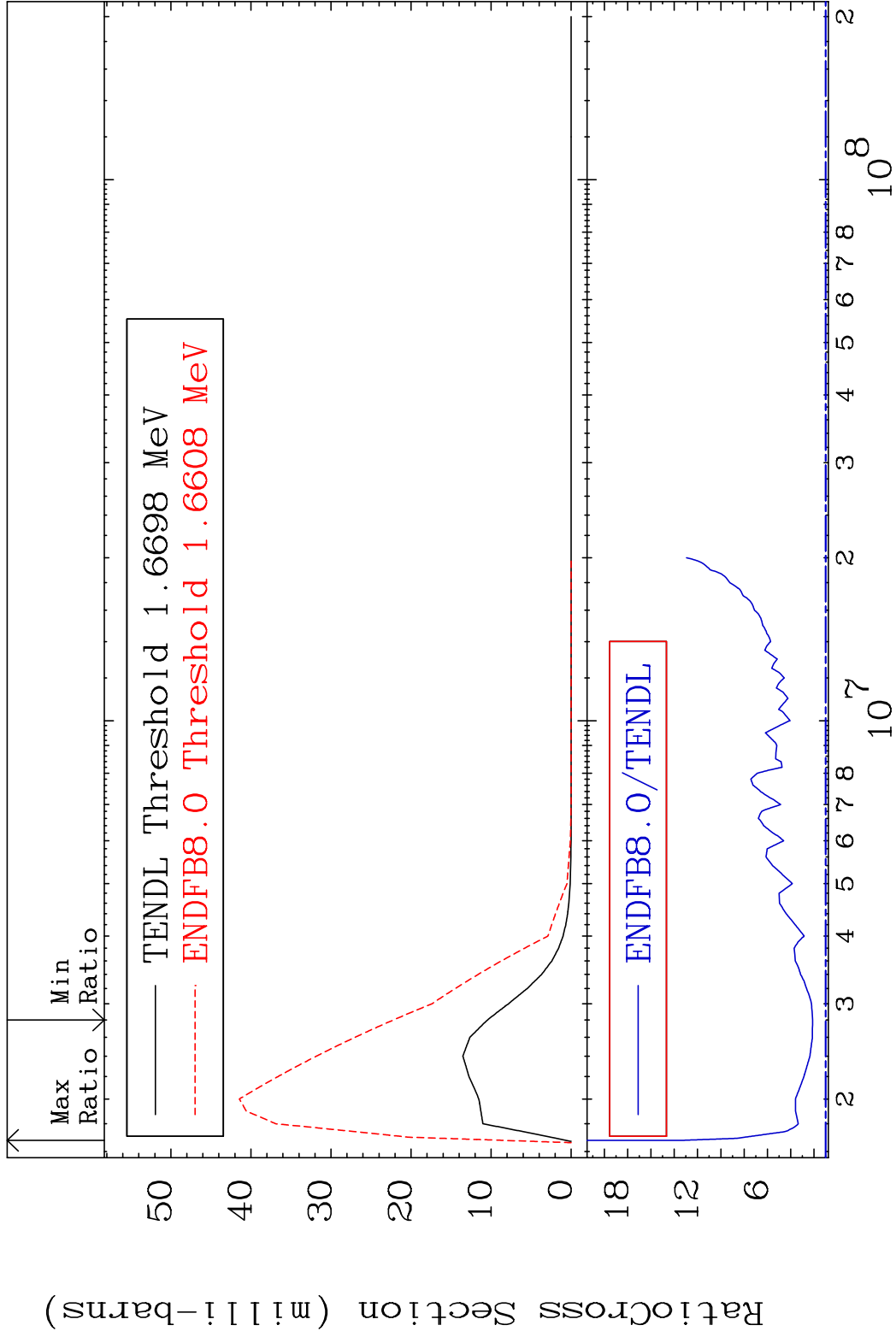
-100.0 To 443.5 %

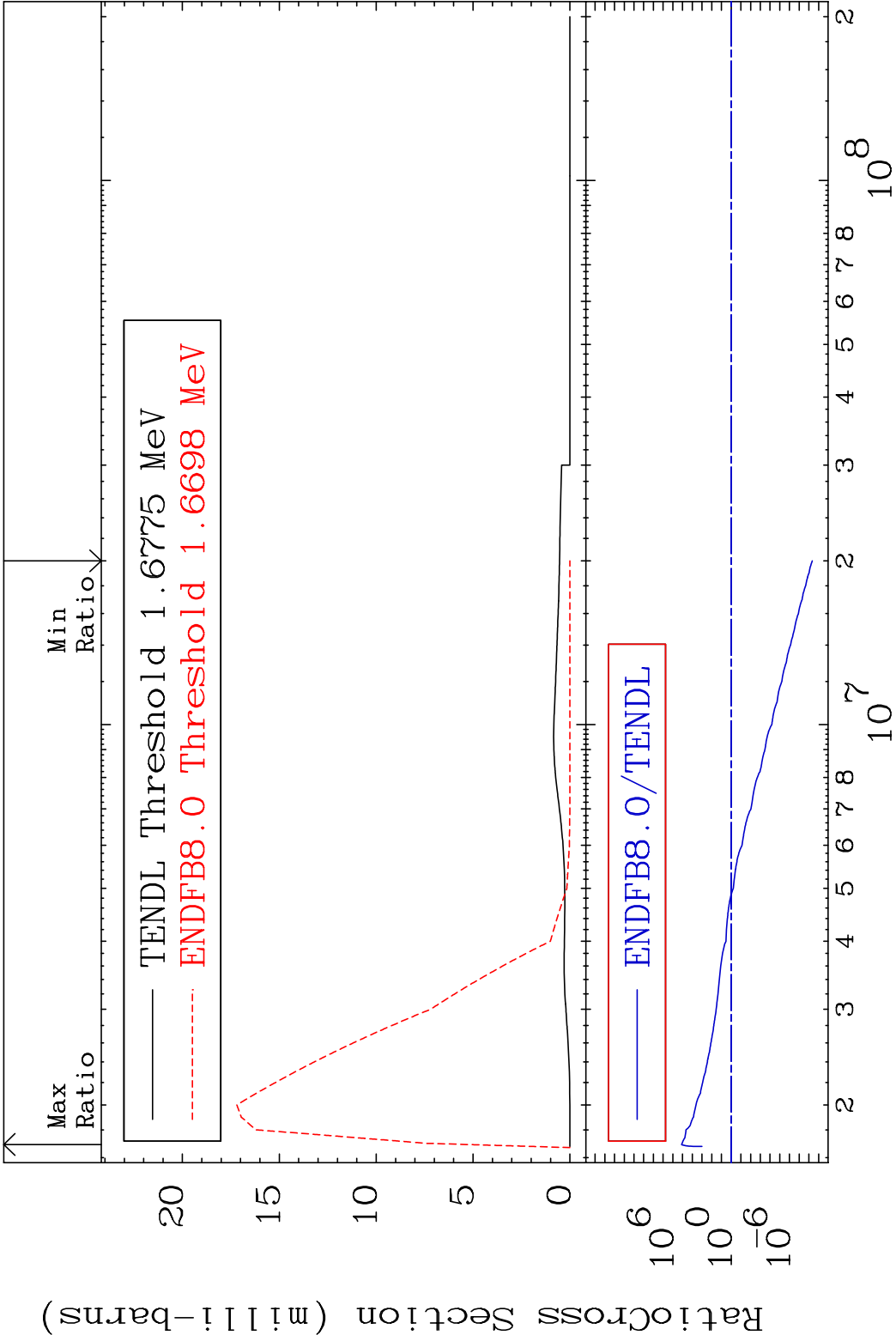


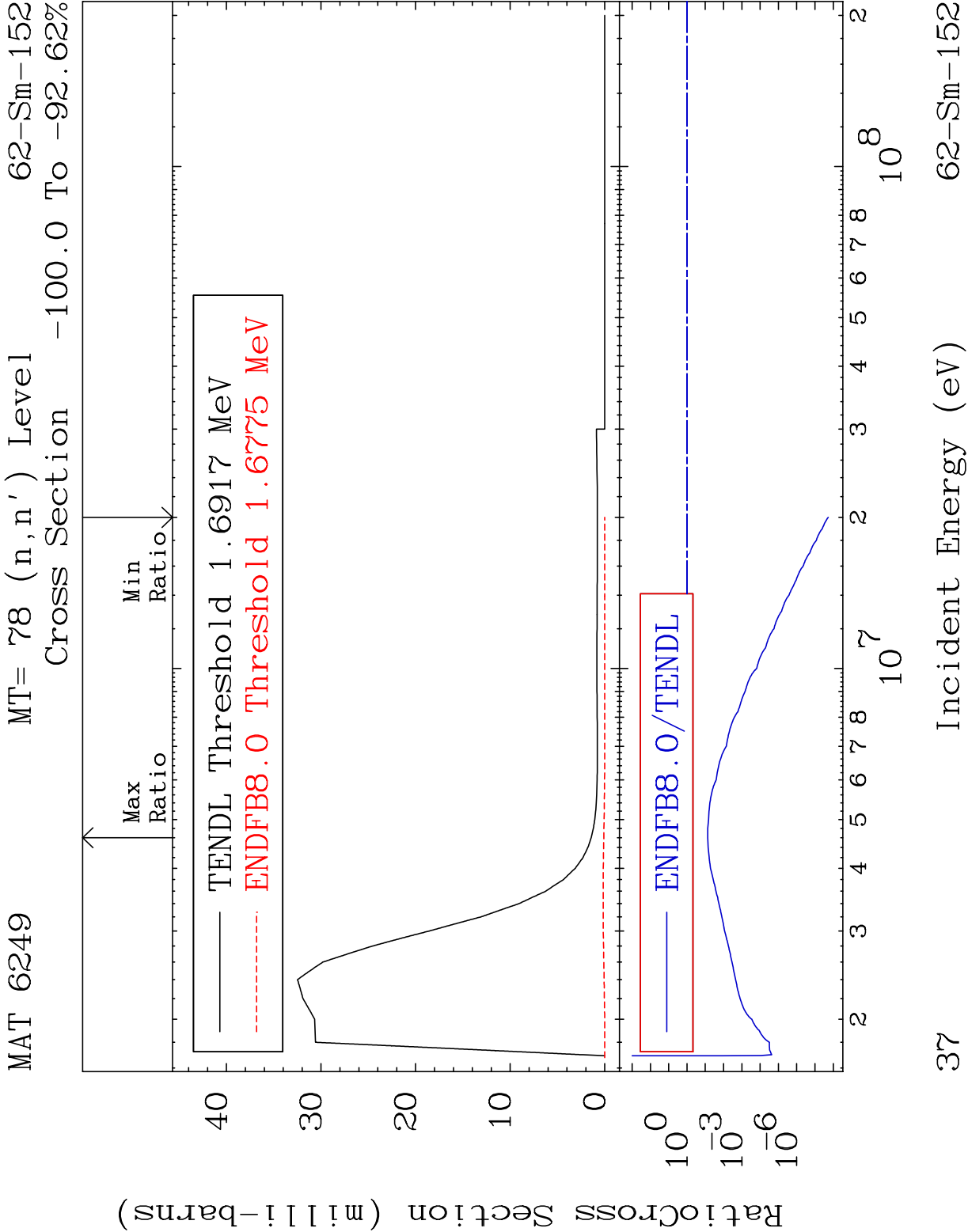
MAT 6249 MT= 75 (n,n') Level 62-Sm-152
Cross Section -95.71 To 2161. %



MAT 6249	MT= 76 (n,n')	Level	62-Sm-152
	Cross Section	112.5	To 1230. %







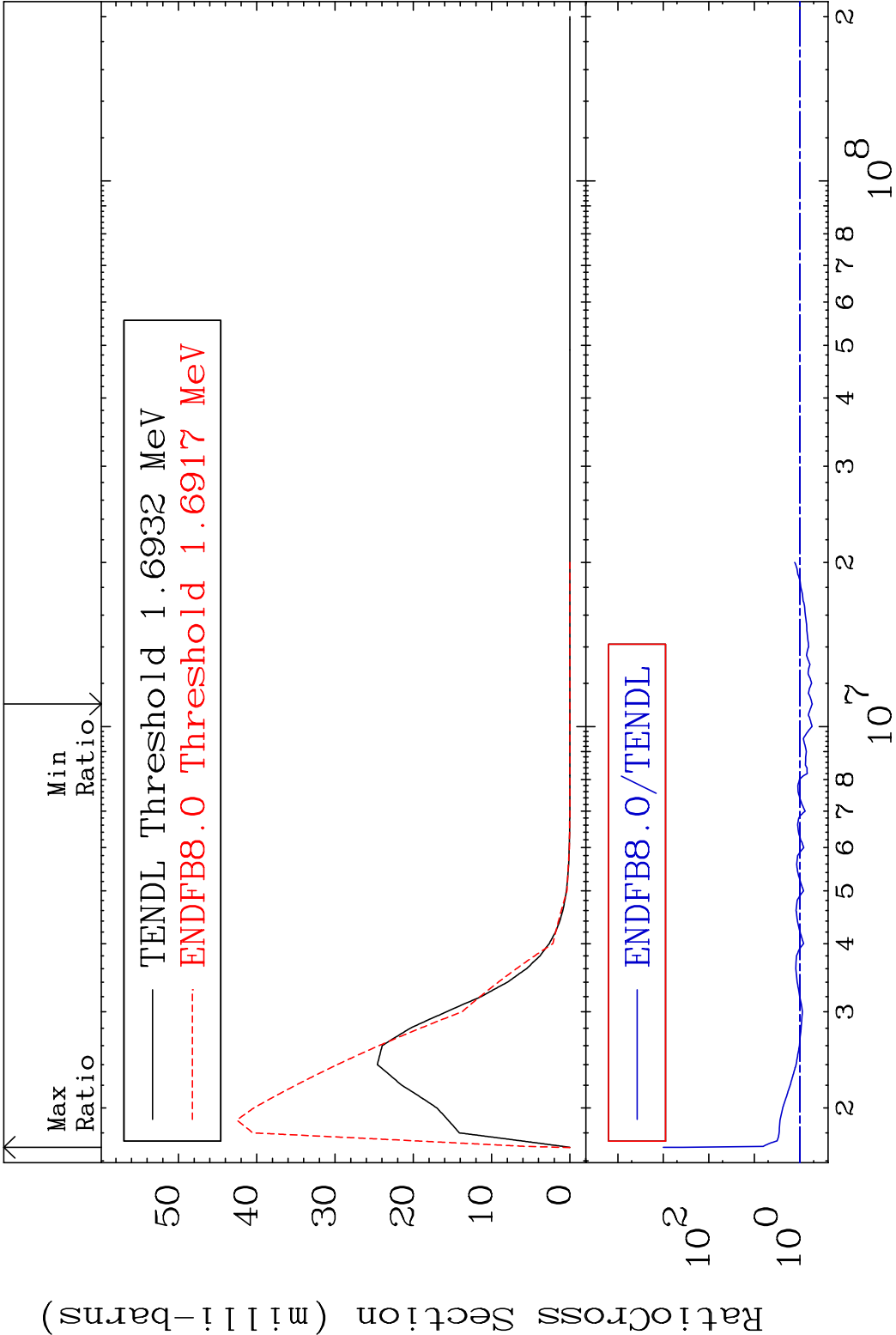
MAT 6249

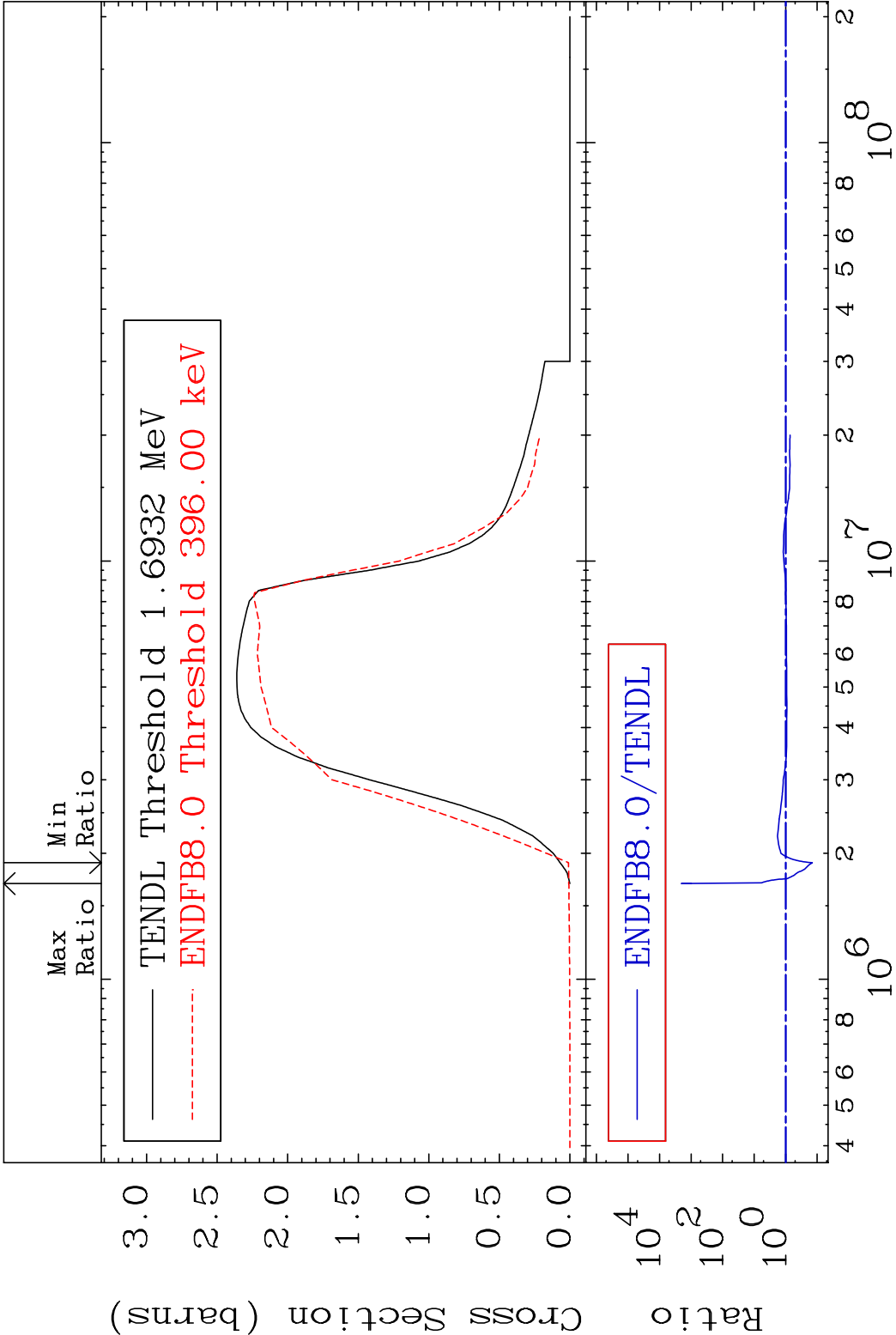
MT= 79 (n,n') Level

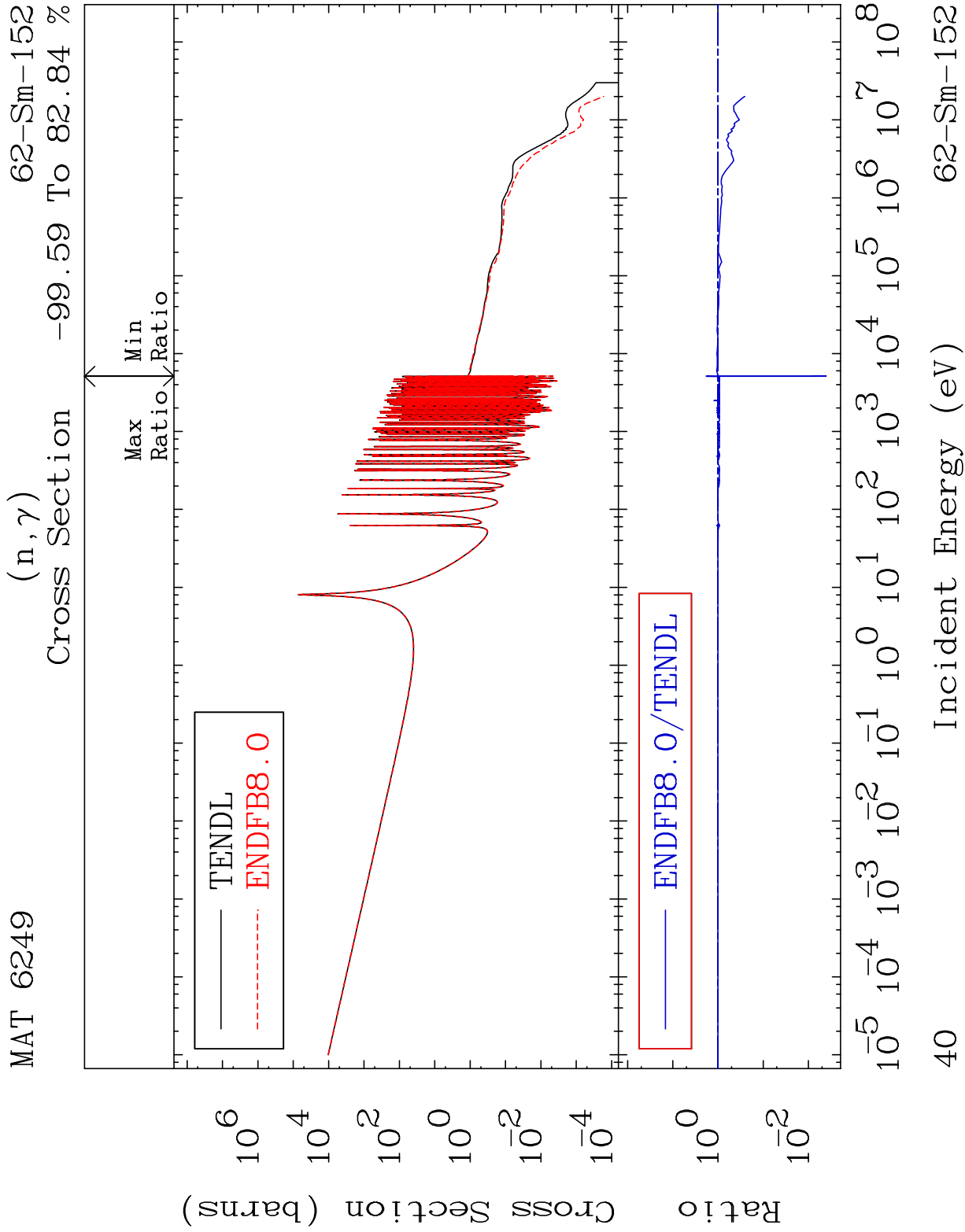
62-Sm-152

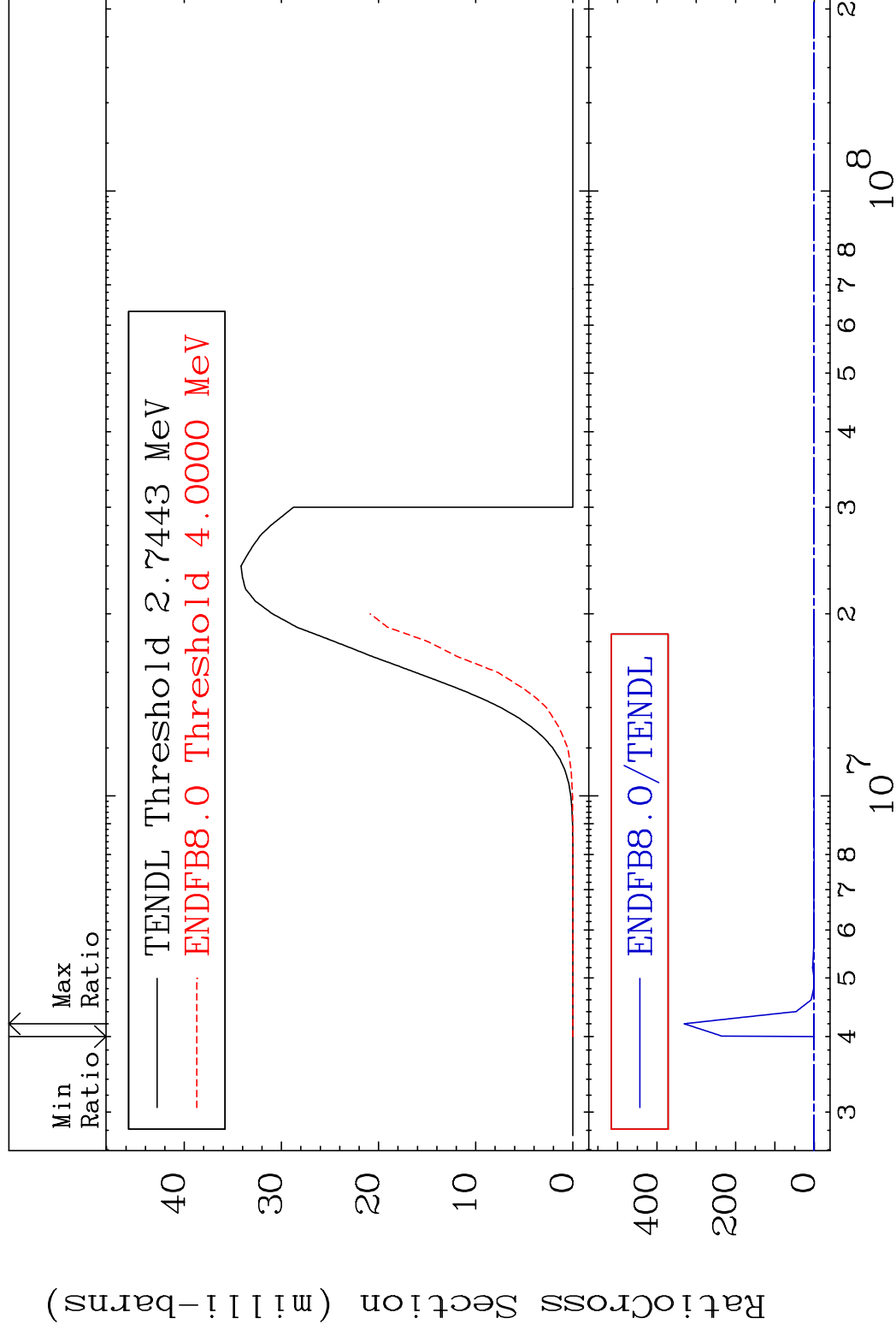
Cross Section

-46.54 To 9999. %







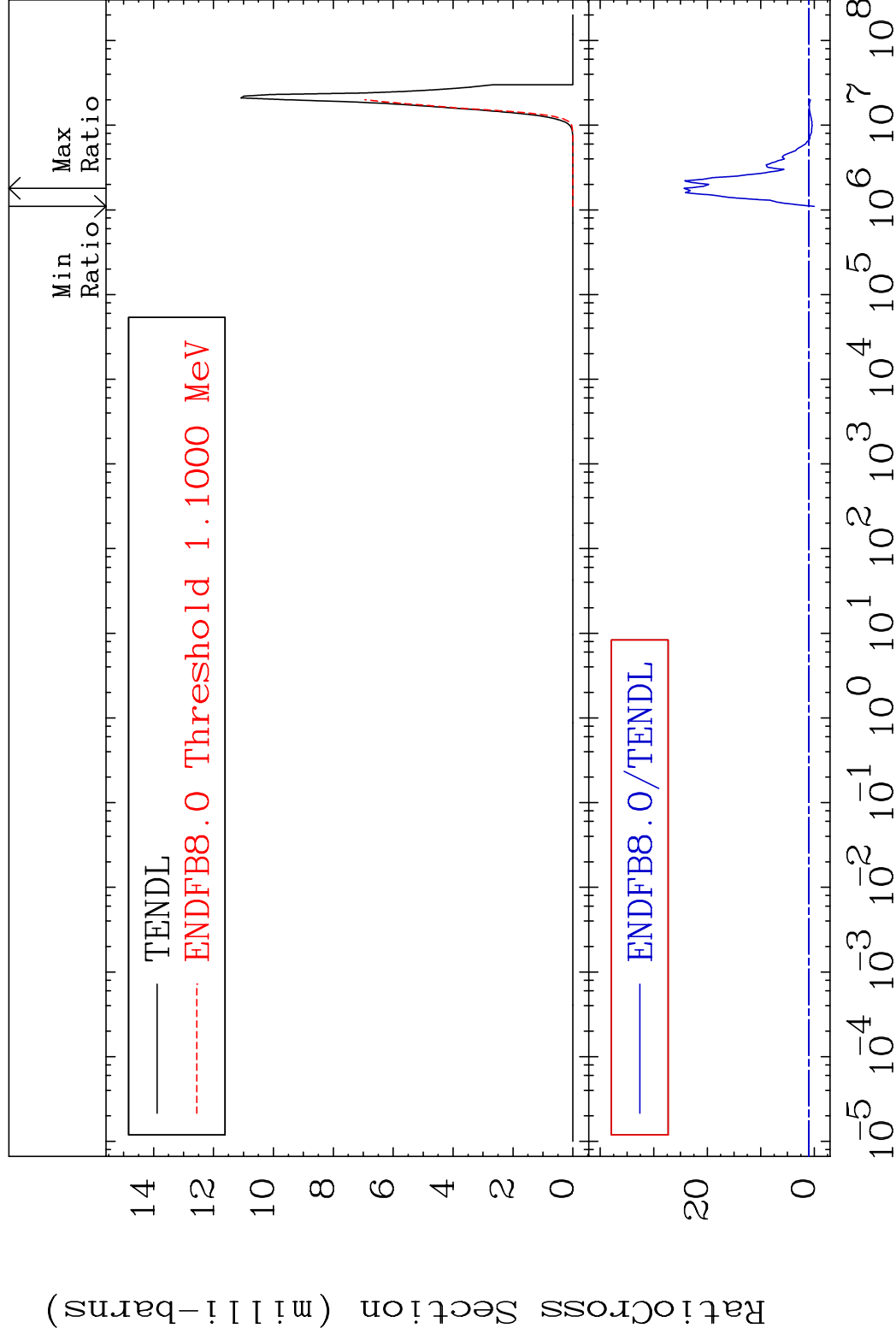


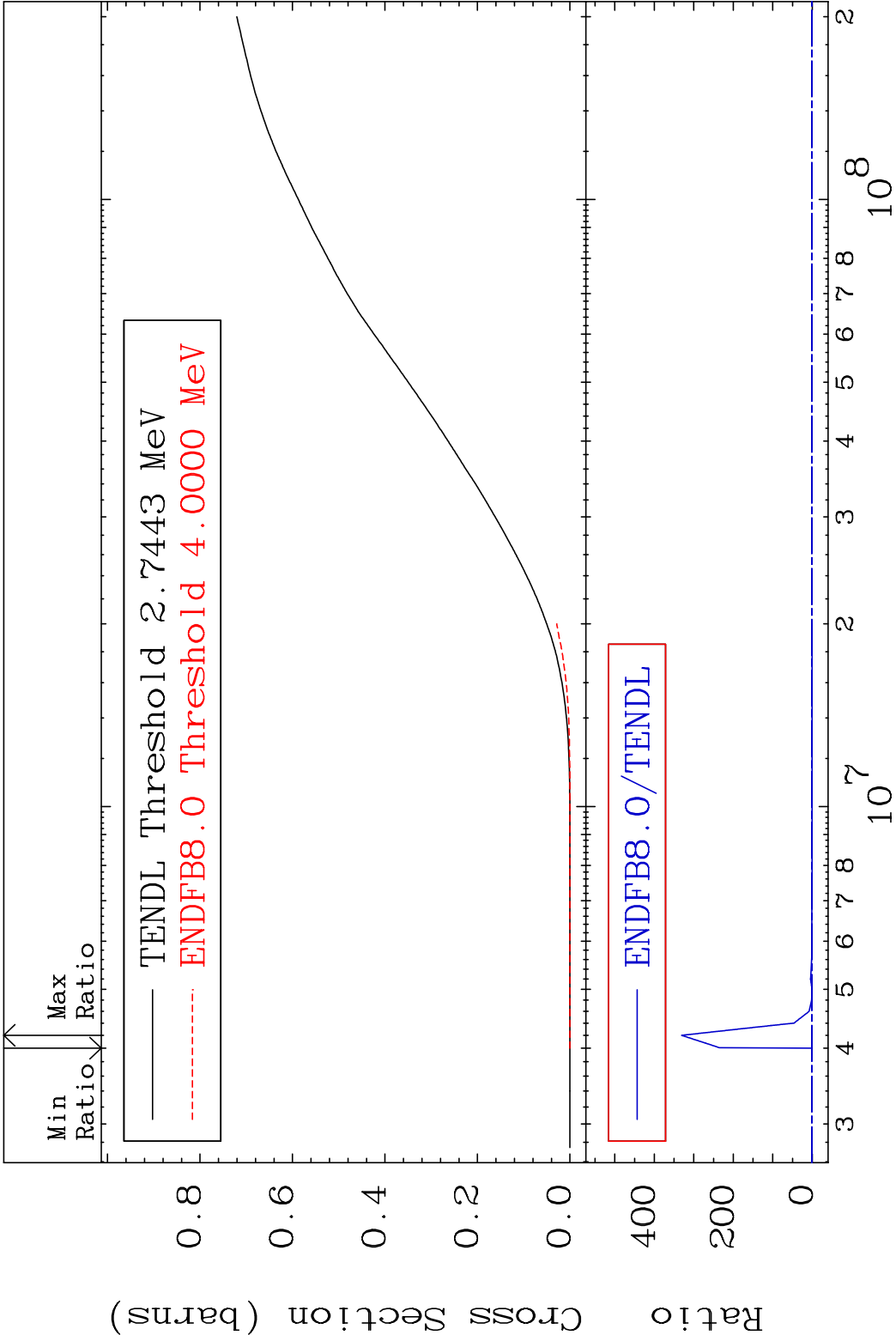
MAT 6249

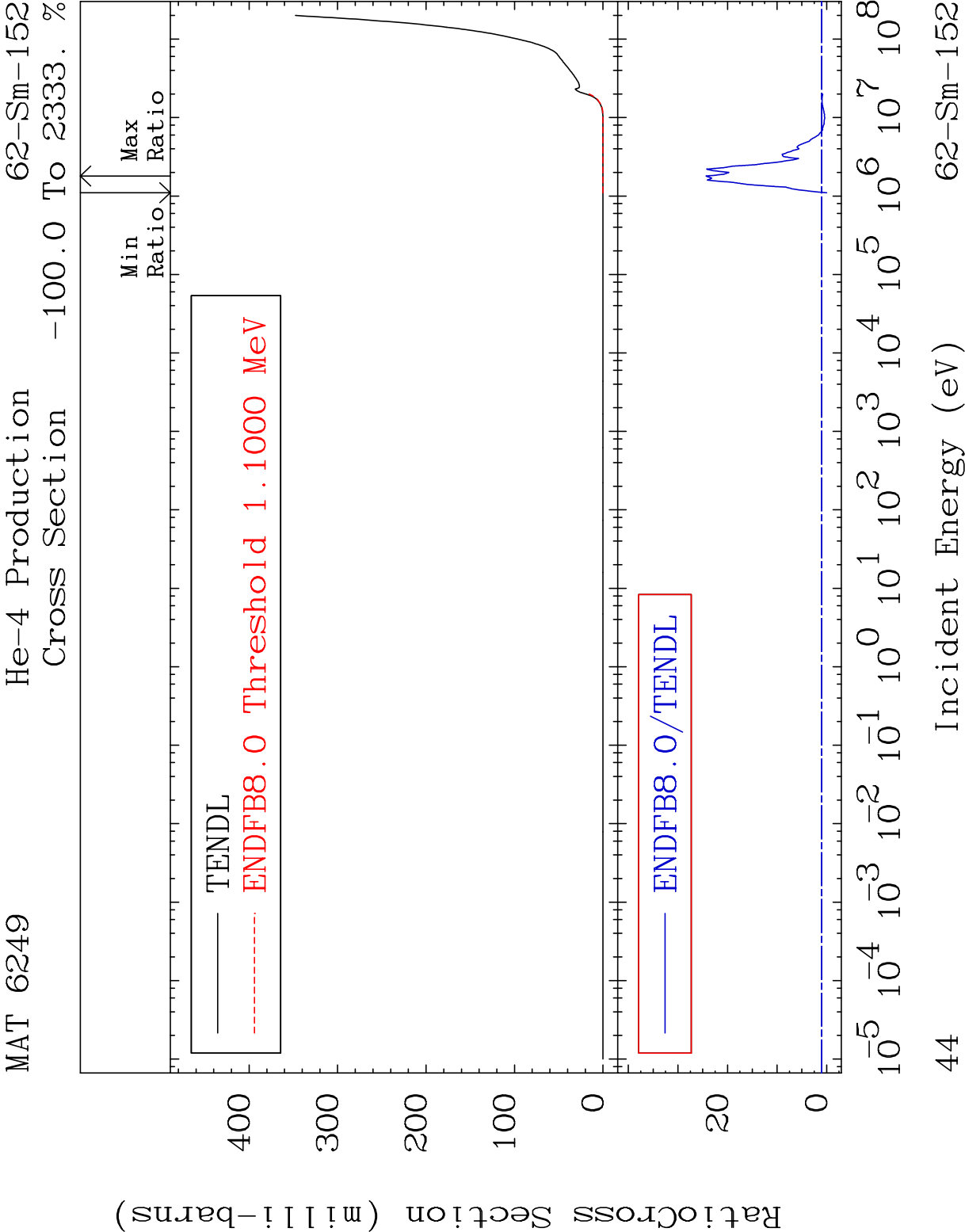
$$(n, \alpha)$$

(n, α)
Cross Section
-100.0 To 2333. %
62-Sm-152

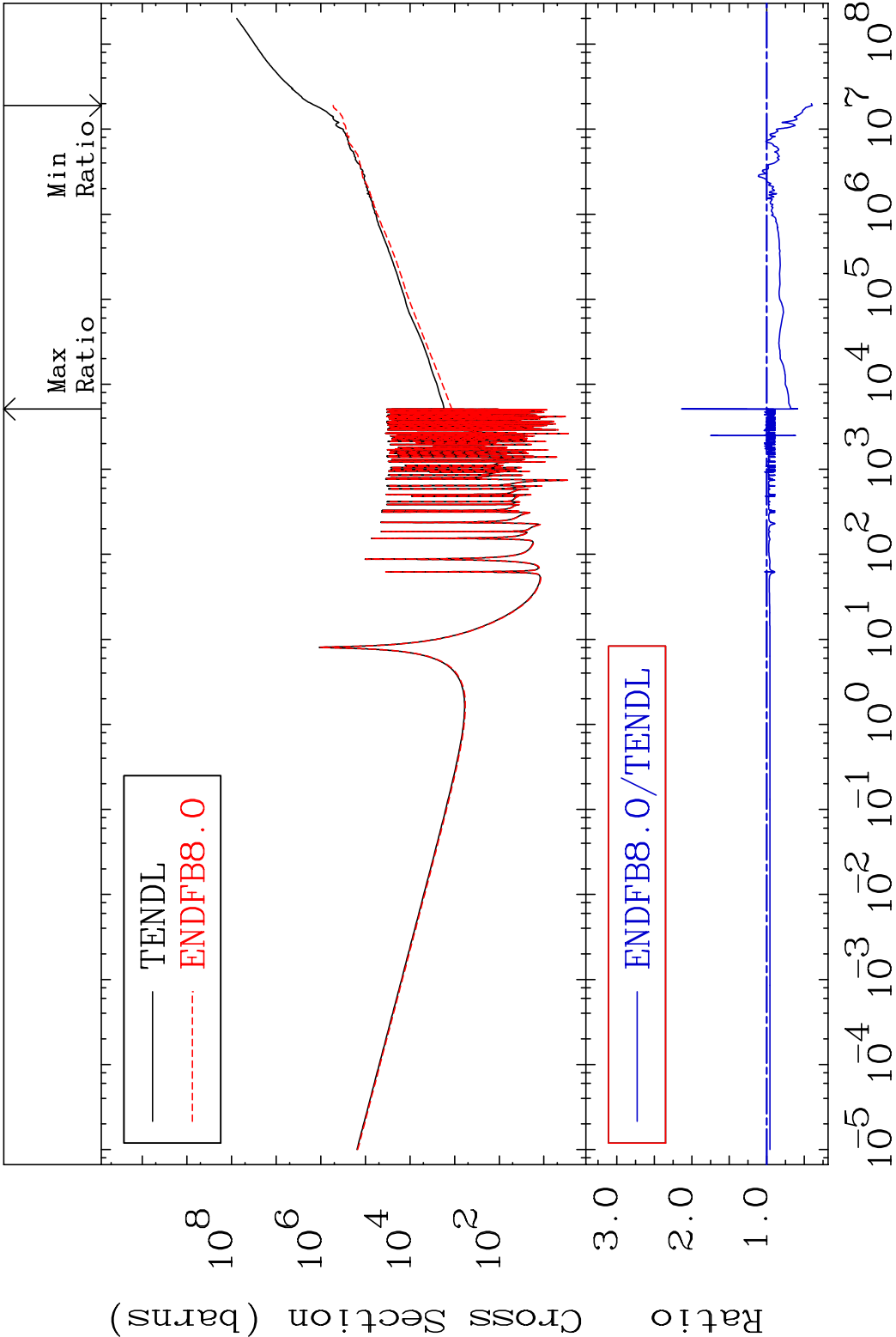
62-Sm-152



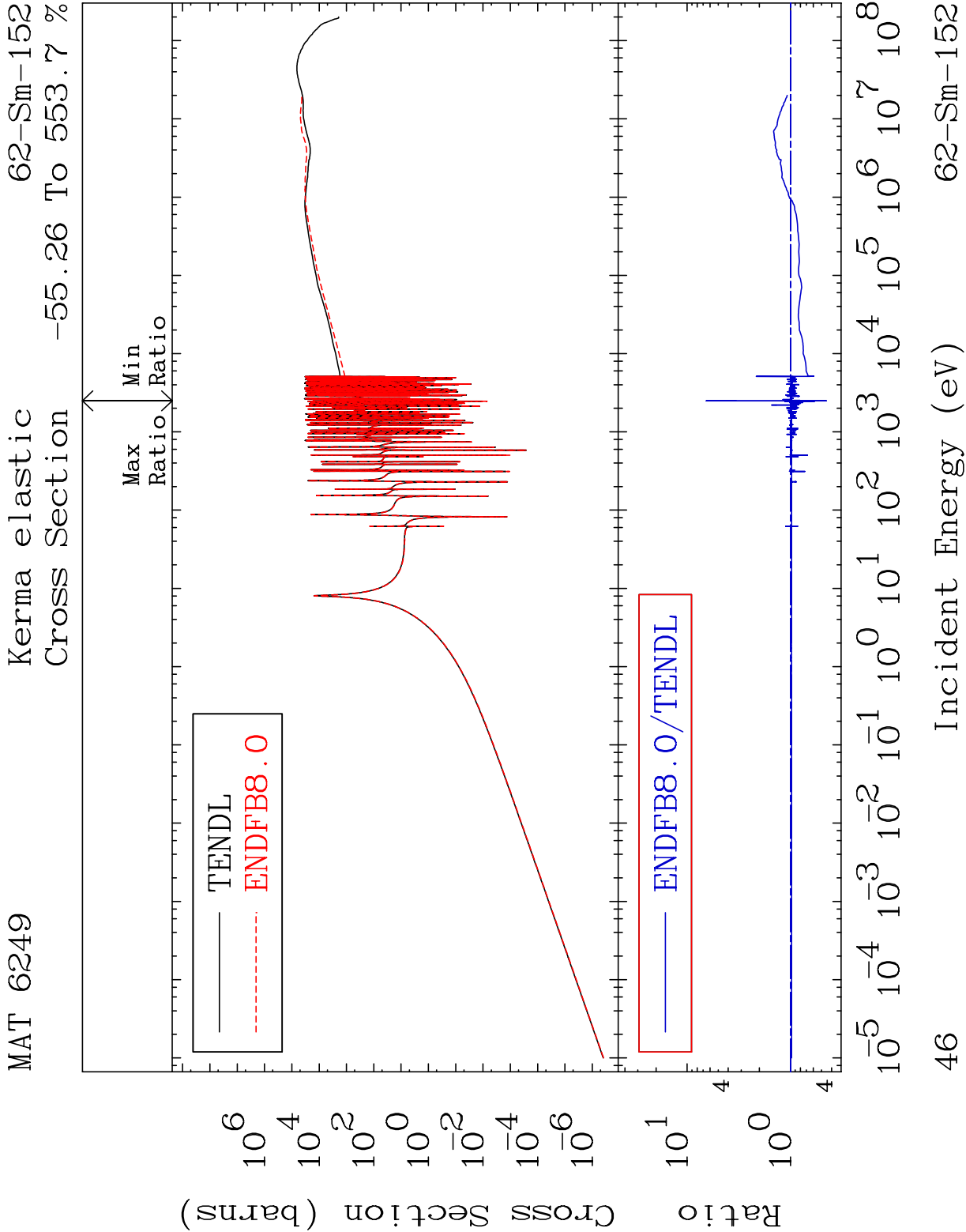




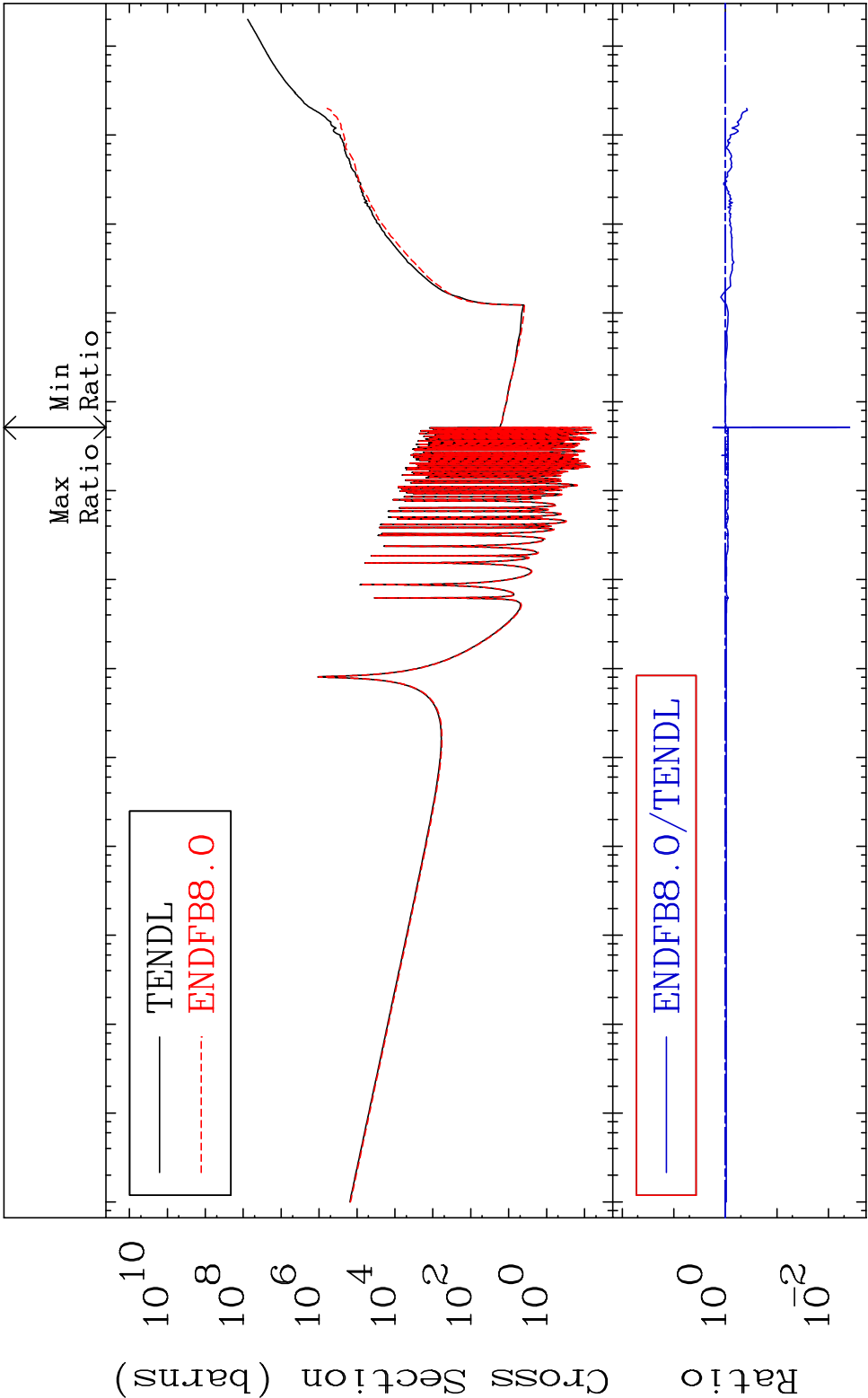
MAT 6249 Kerma total (eV-barns) 62-Sm-152
Cross Section -60.60 To 113.7 %

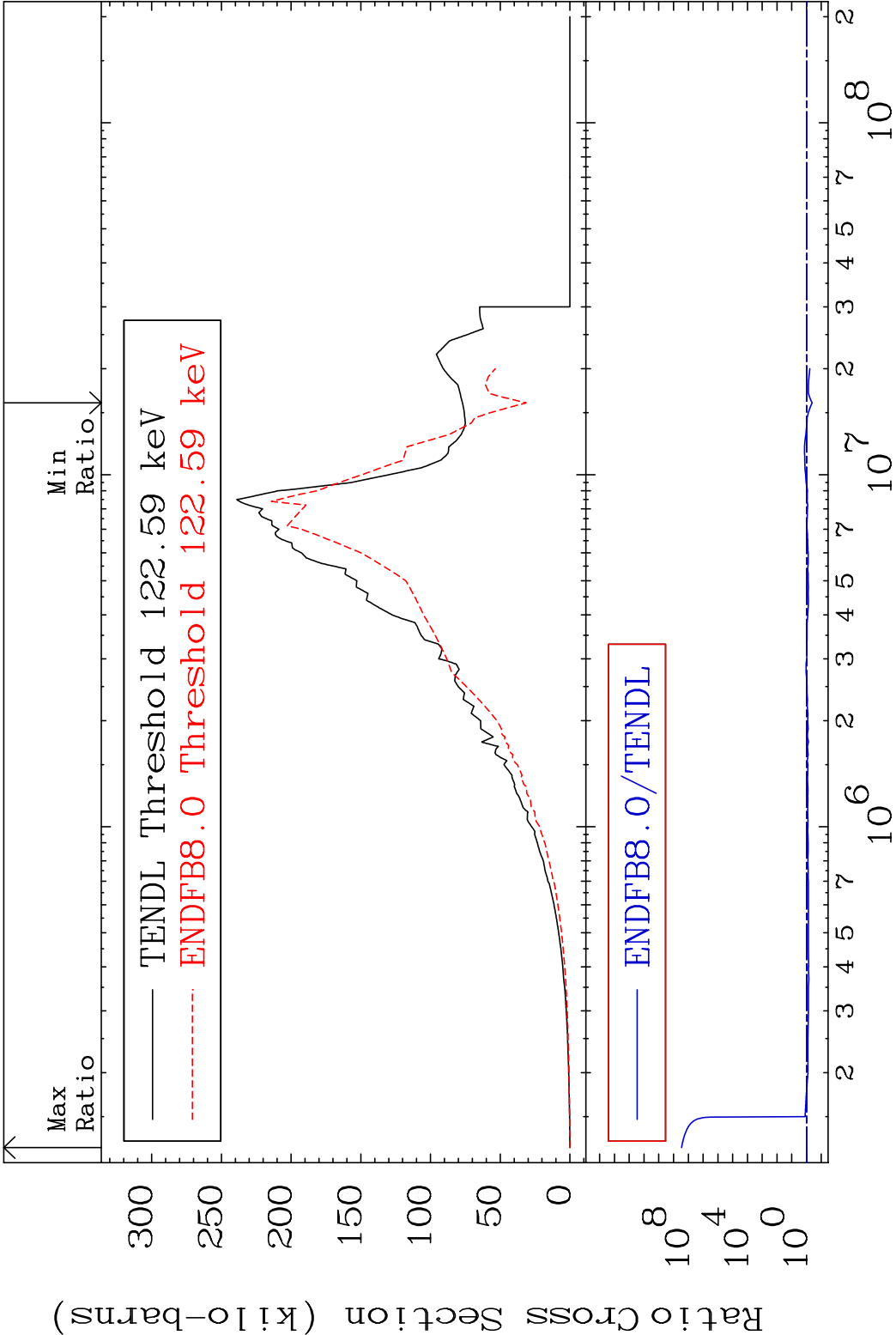


45 Incident Energy (eV) 62-Sm-152

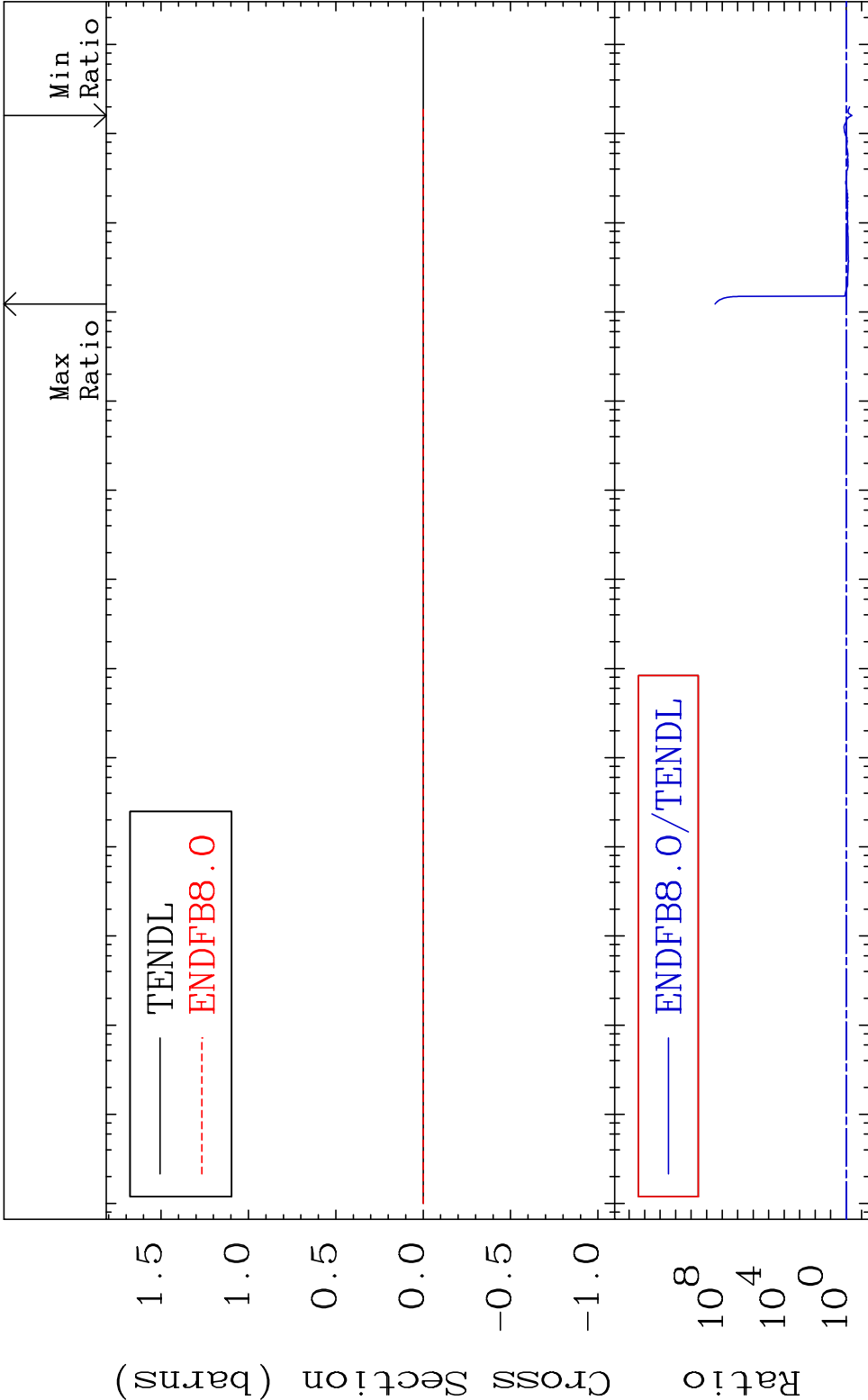


MAT 6249 Kerma non-elastic (all but mt2) 62-Sm-152
 Cross Section -99.61 To 75.11 %

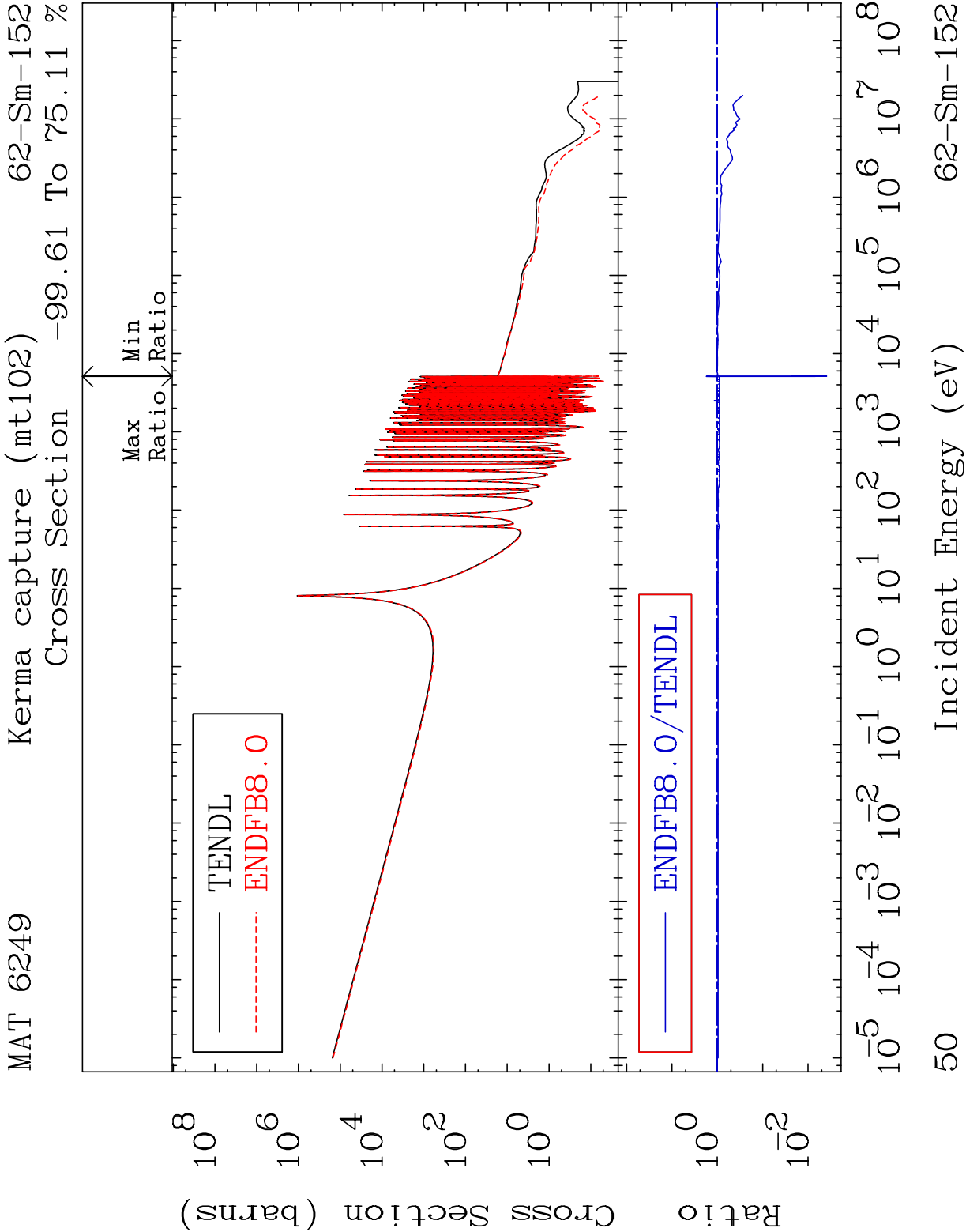




MAT 6249Kerma fission (mt18 or mt19-20-21-38)62-Sm-152
Cross Section -59.22 To 9999. %



49 62-Sm-152



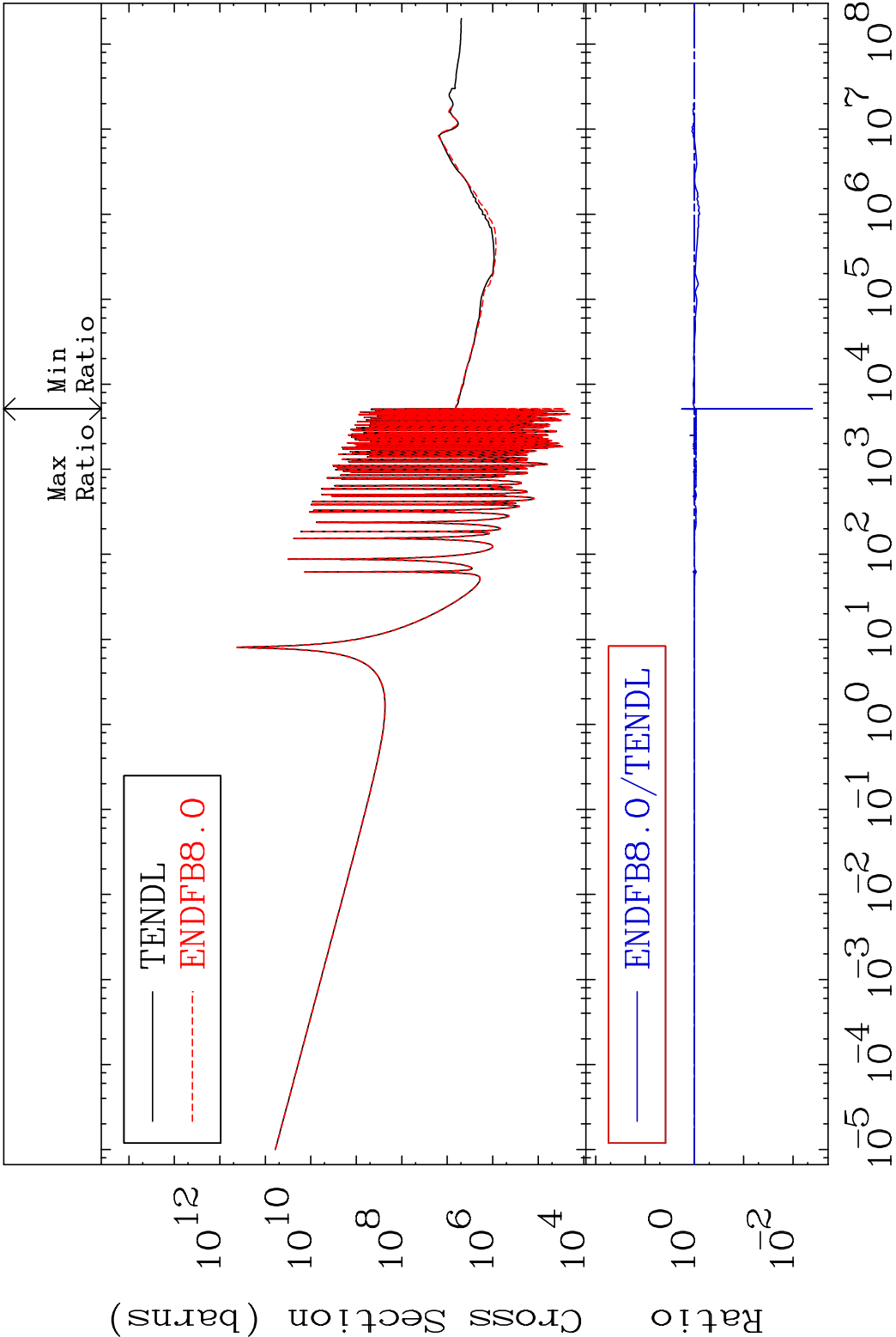
MAT 6249

Total photon (eV-barns)

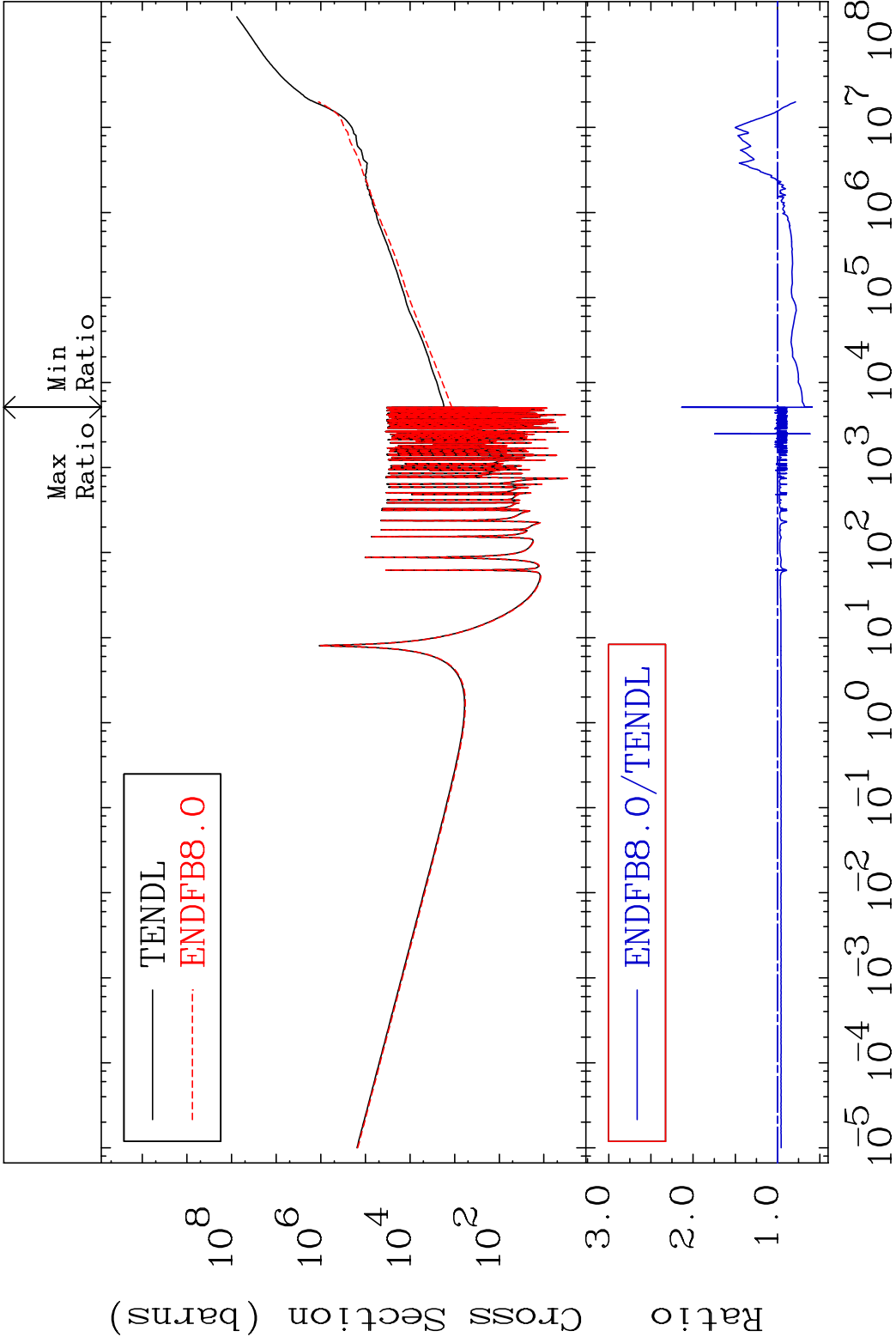
62-Sm-152

Cross Section

-99.59 To 82.21 %

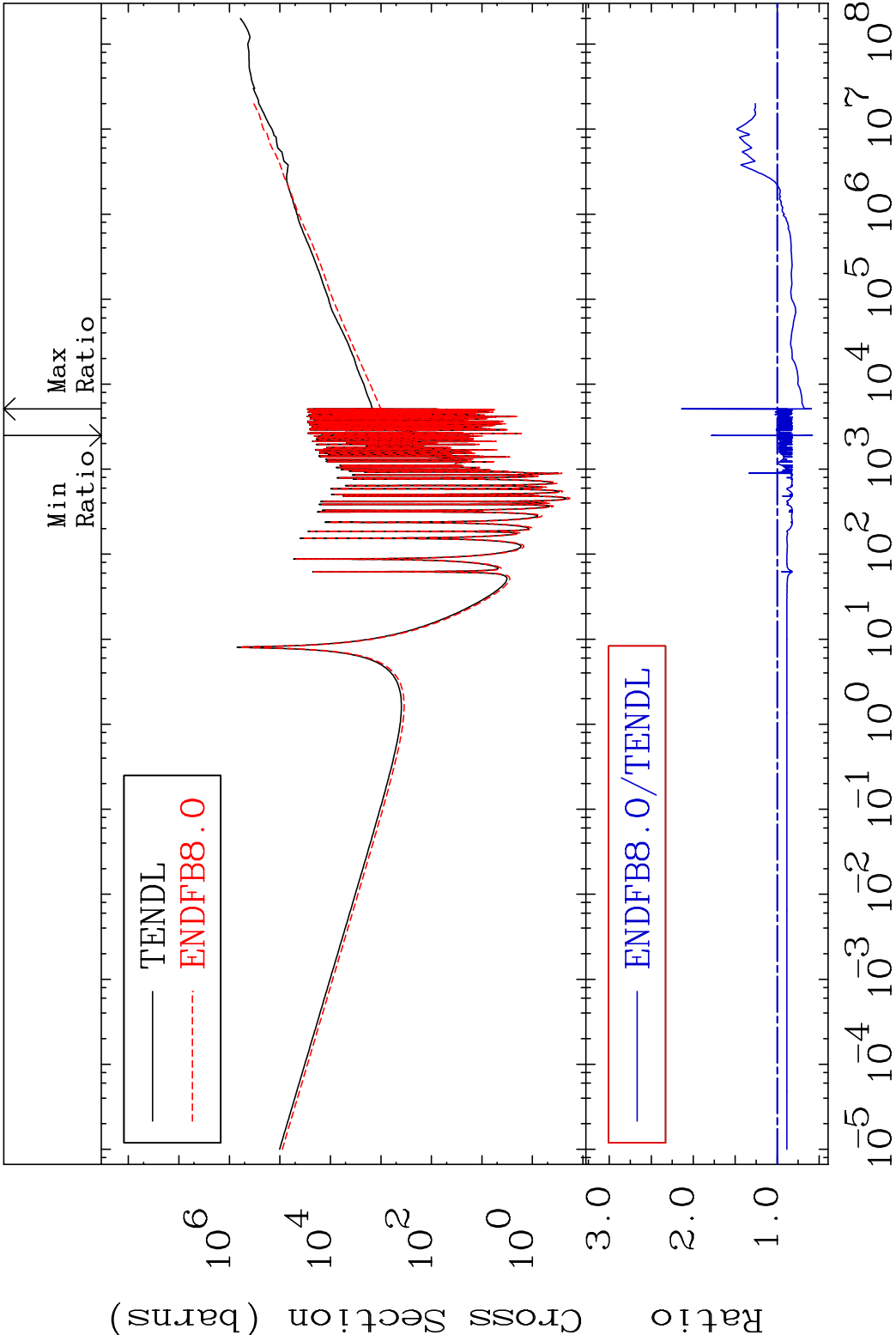


MAT 6249 Total kinematic kerma (high limit) 62-Sm-152
Cross Section -41.09 To 113.7 %

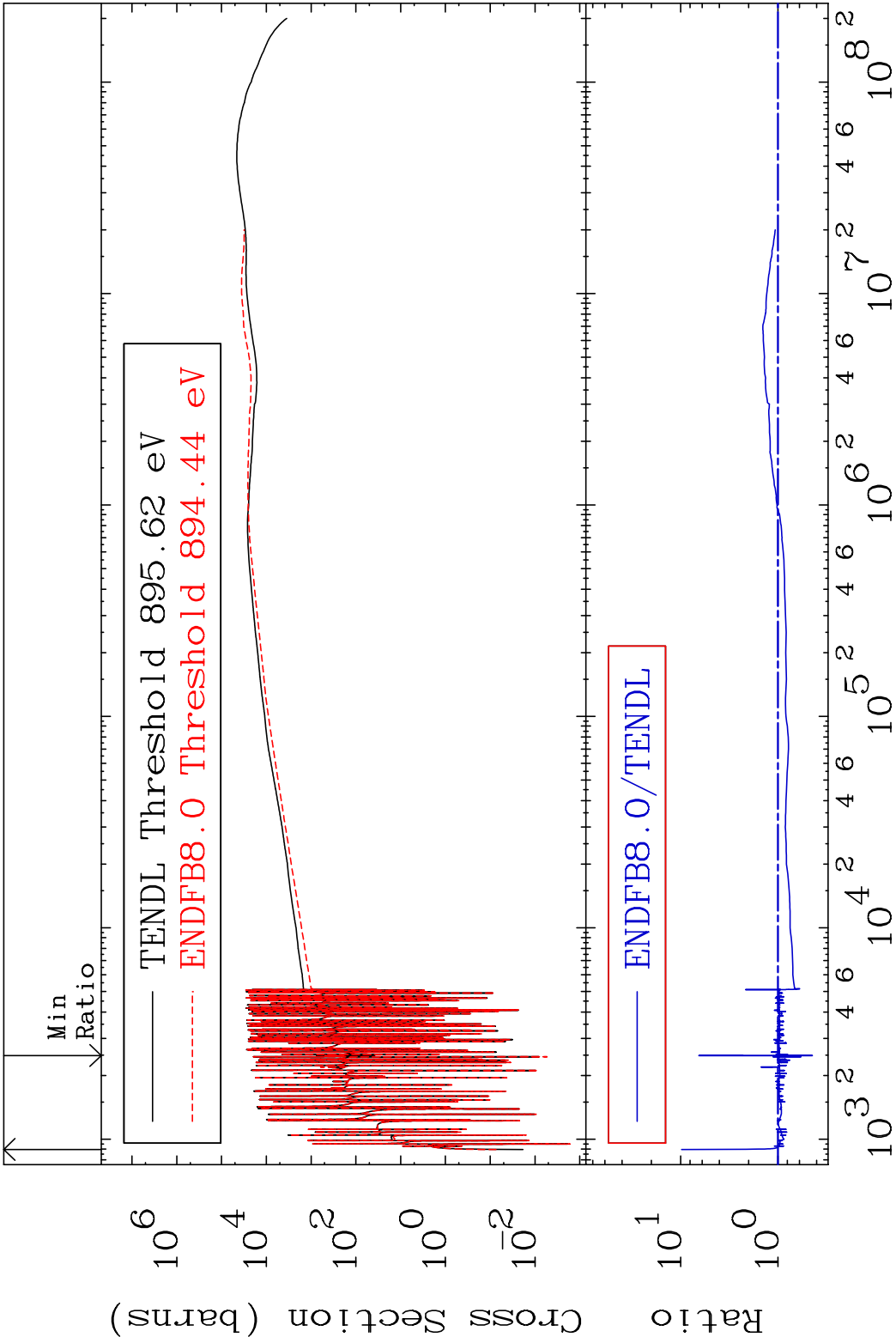


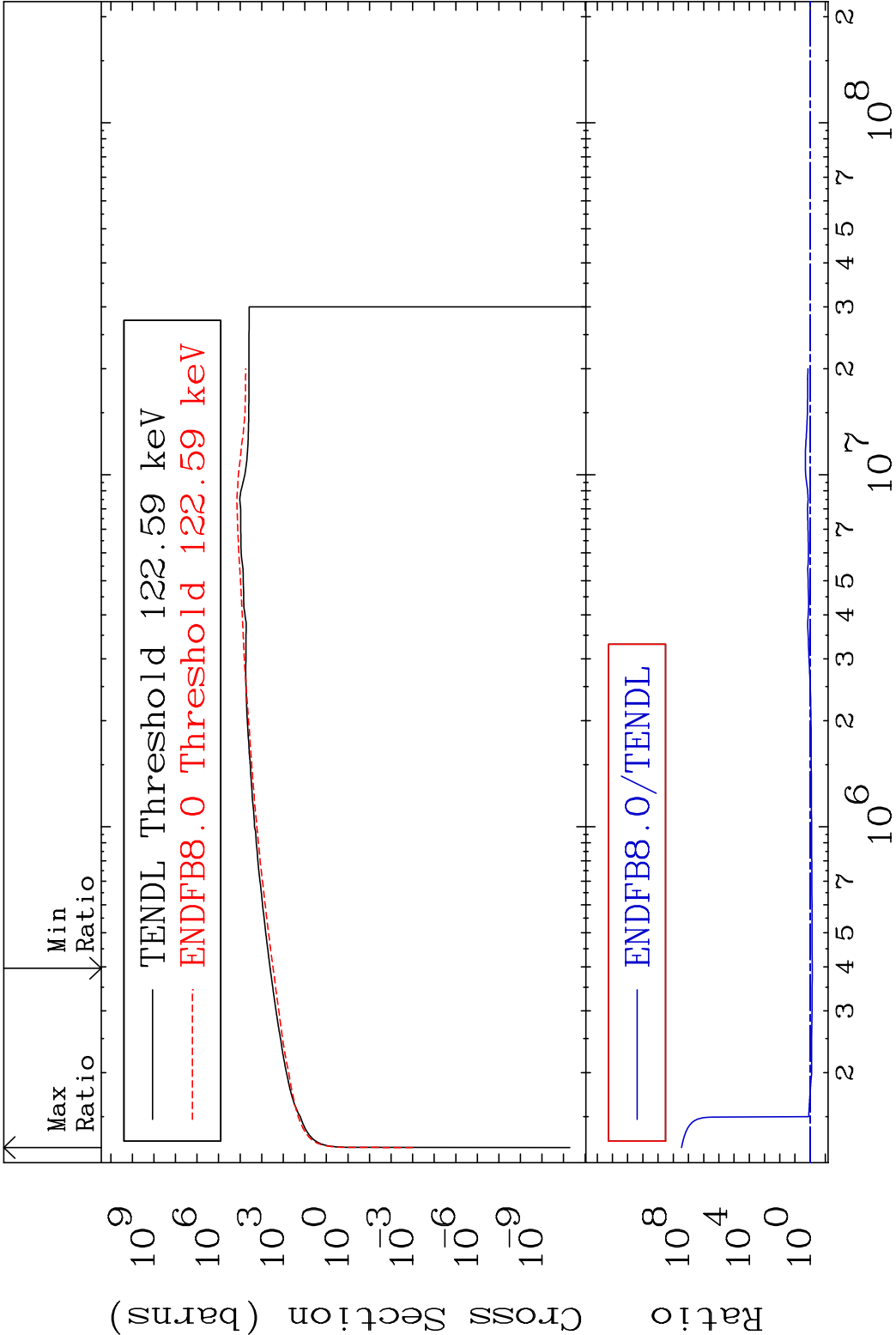
52 Incident Energy (eV) 62-Sm-152

MAT 6249	Dpa total (eV-barns)	62-Sm-152
	Cross Section	-41.76 To 113.9 %



MAT 6249	Dpa elastic (mt2)	62-Sm-152
	Cross Section	-55.54 To 880.3 %





MAT 6249 Dpa disappearance (mt102 -120) 62-Sm-152
Cross Section -99.64 To 61.90 %

