

Program Complot
(Version 2021-1)

by

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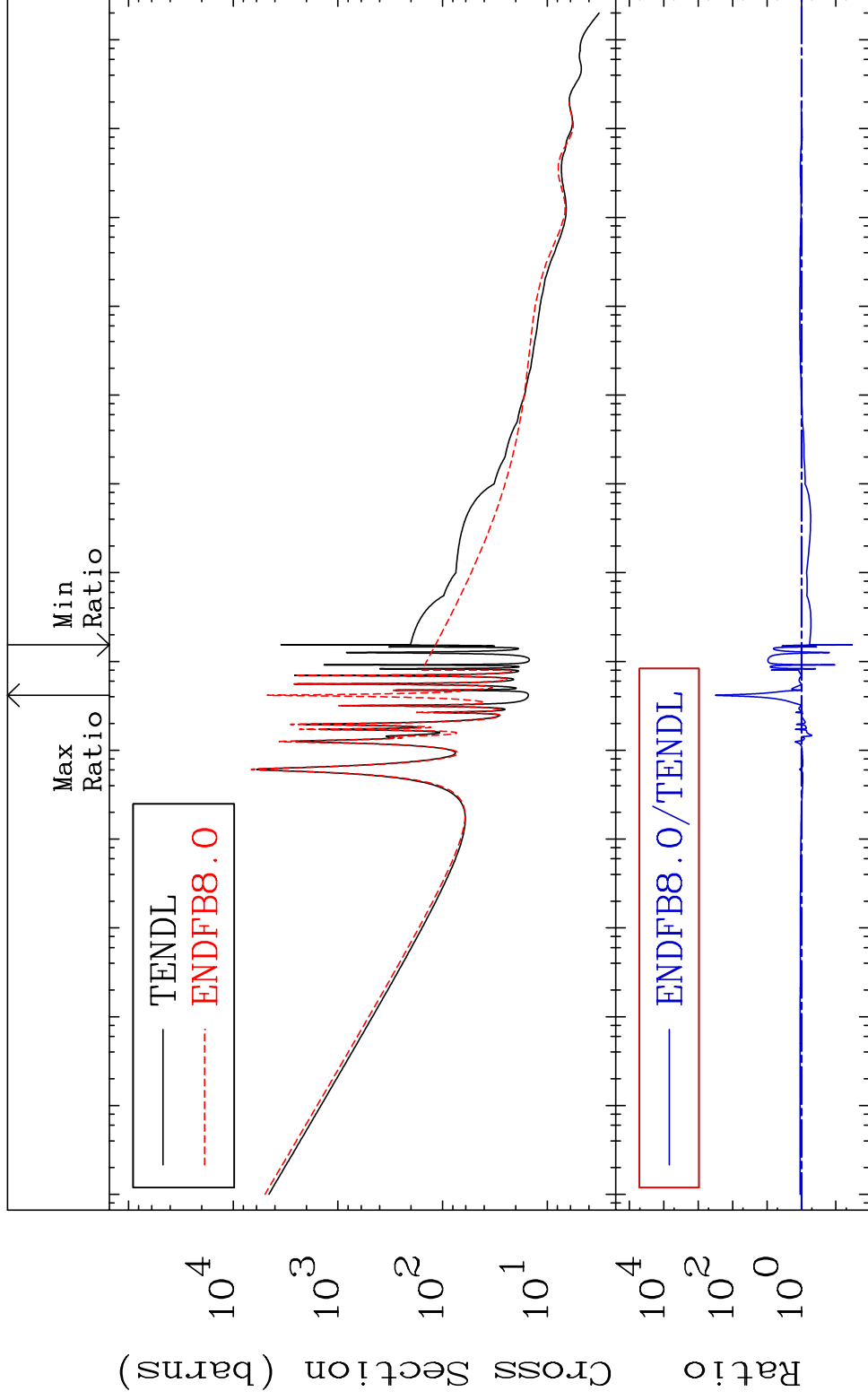
Press Mouse Button to Start

MAT 9031

Total

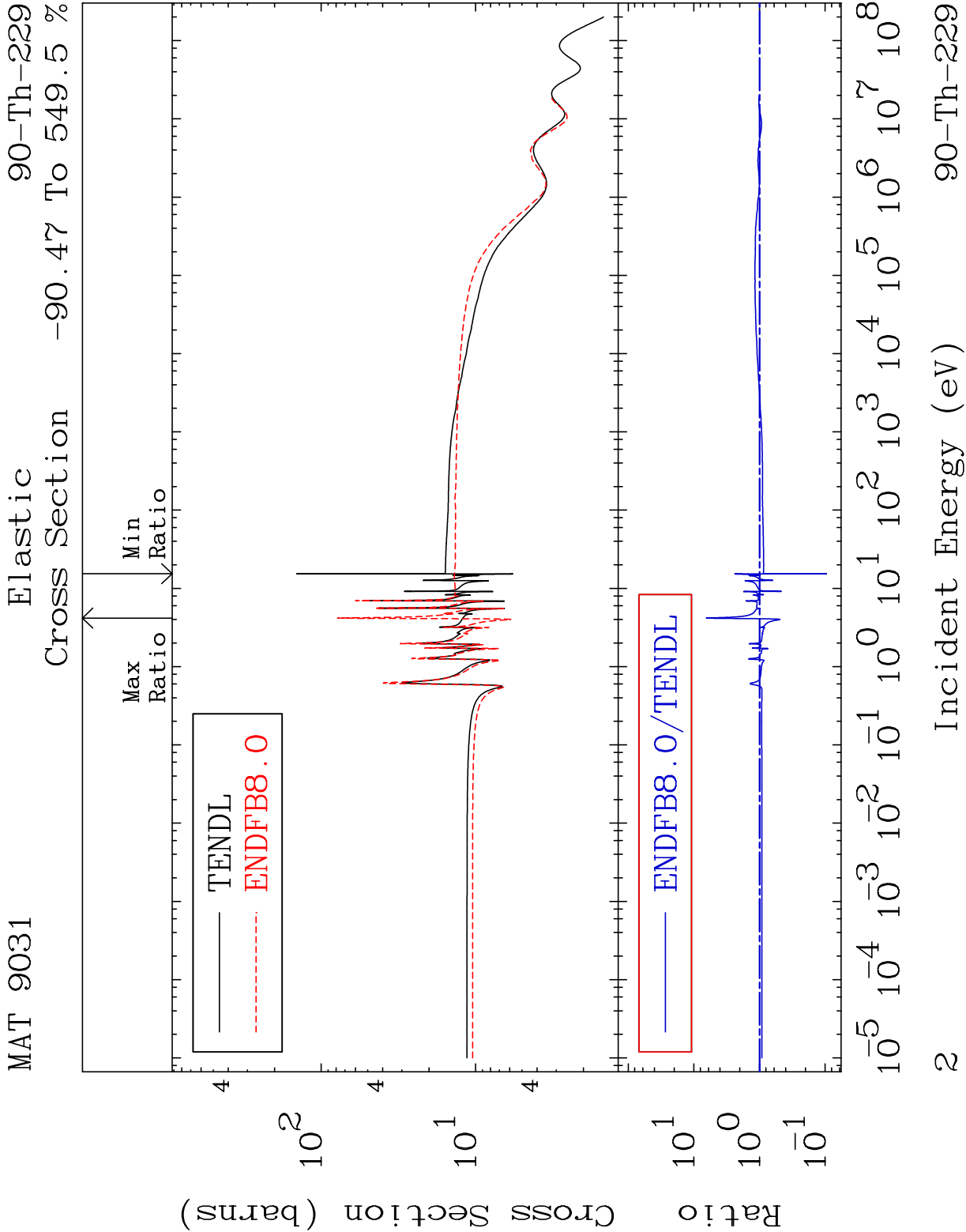
90-Th-229

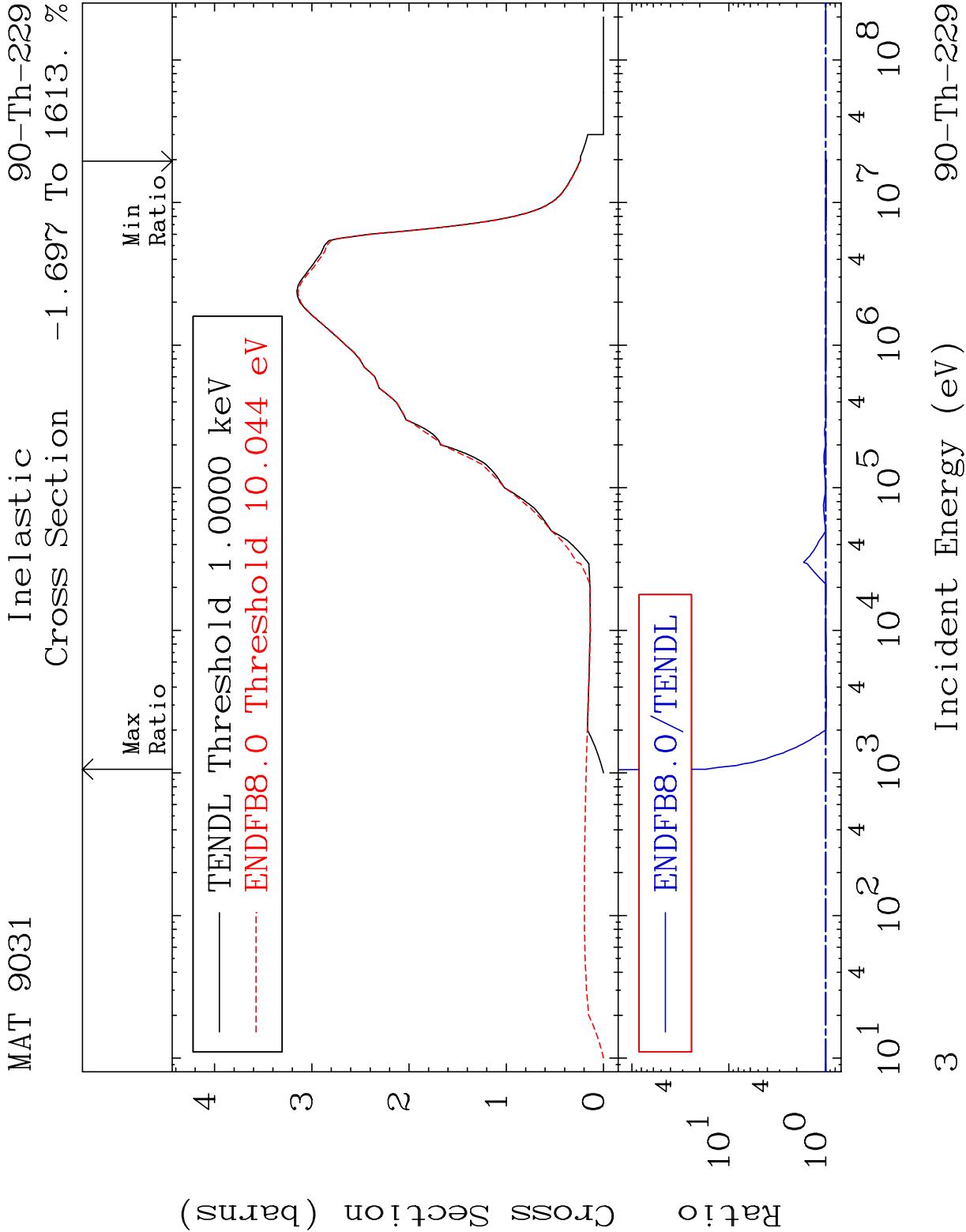
Cross Section -96.66 To 9999. %

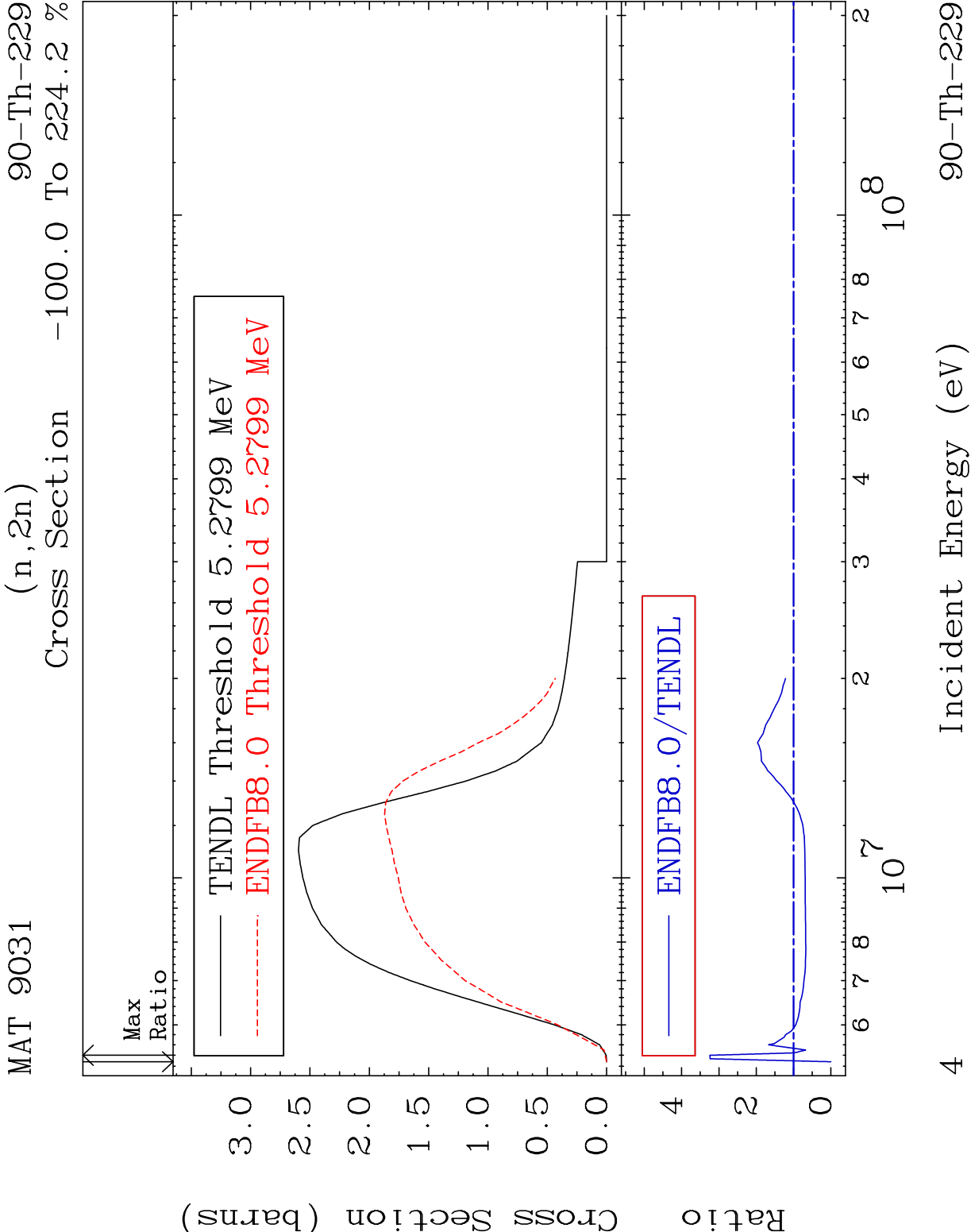


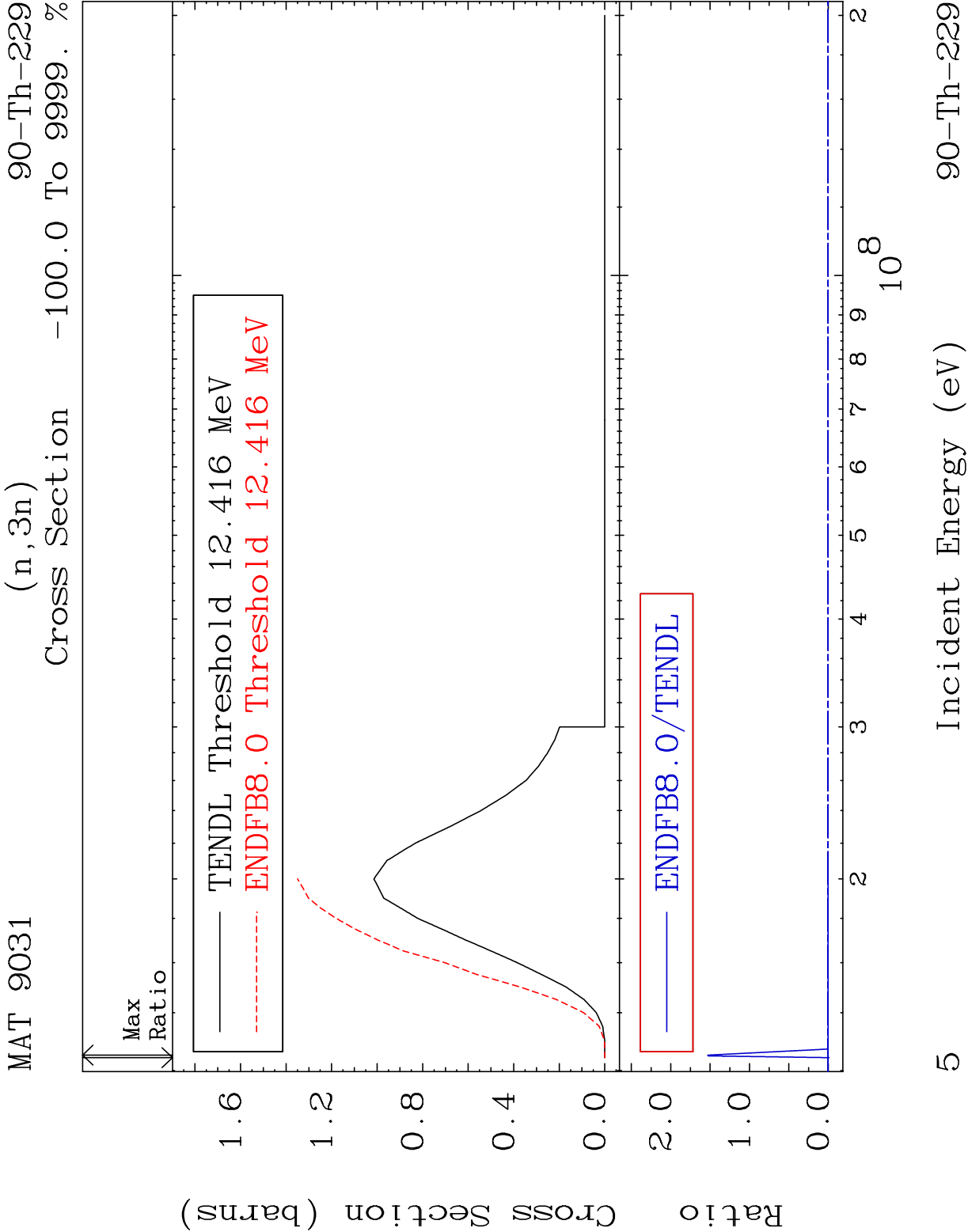
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

1 Incident Energy (eV) 90-Th-229







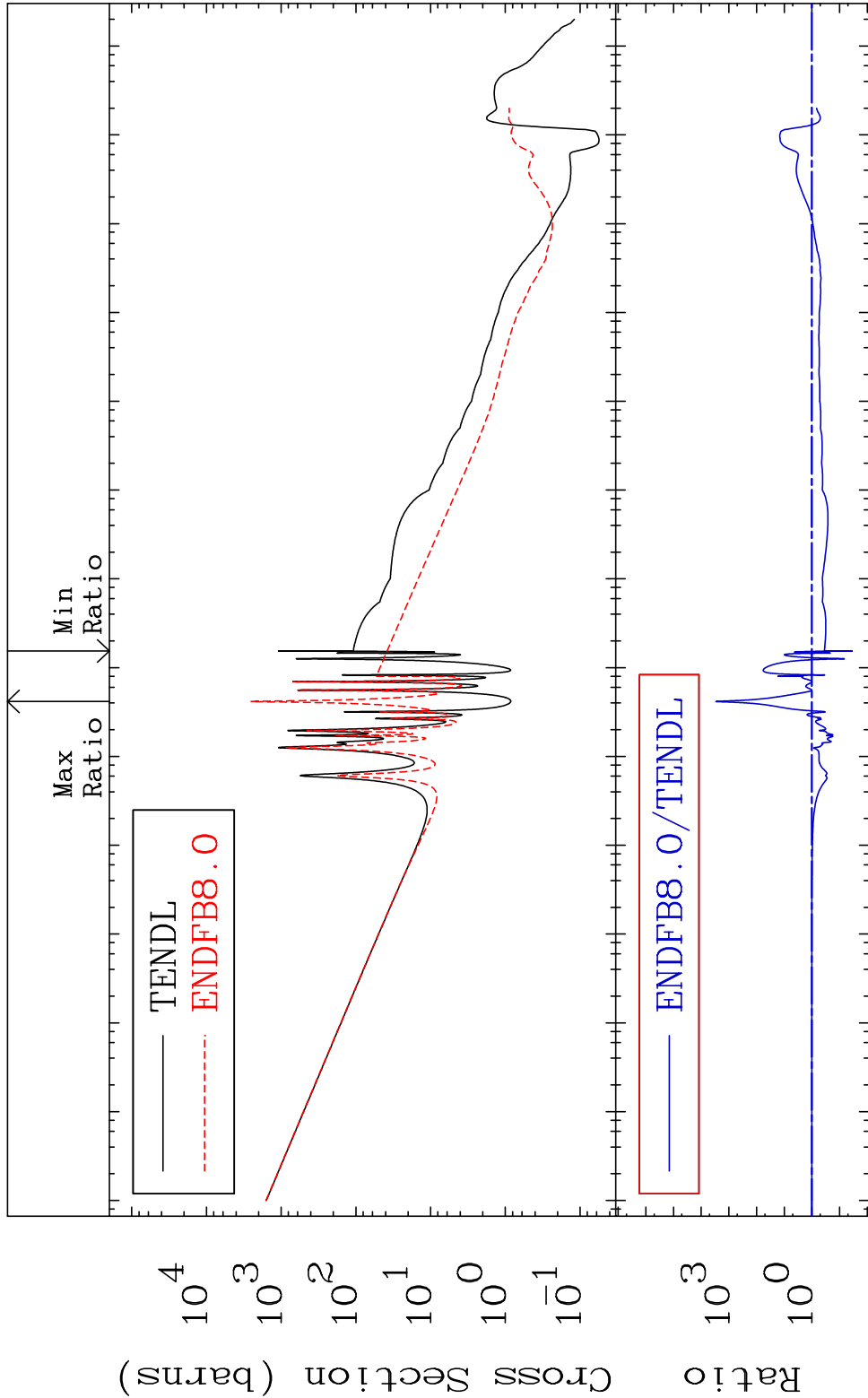


MAT 9031

Fission

90-Th-229

Cross Section -96.48 To 9999. %



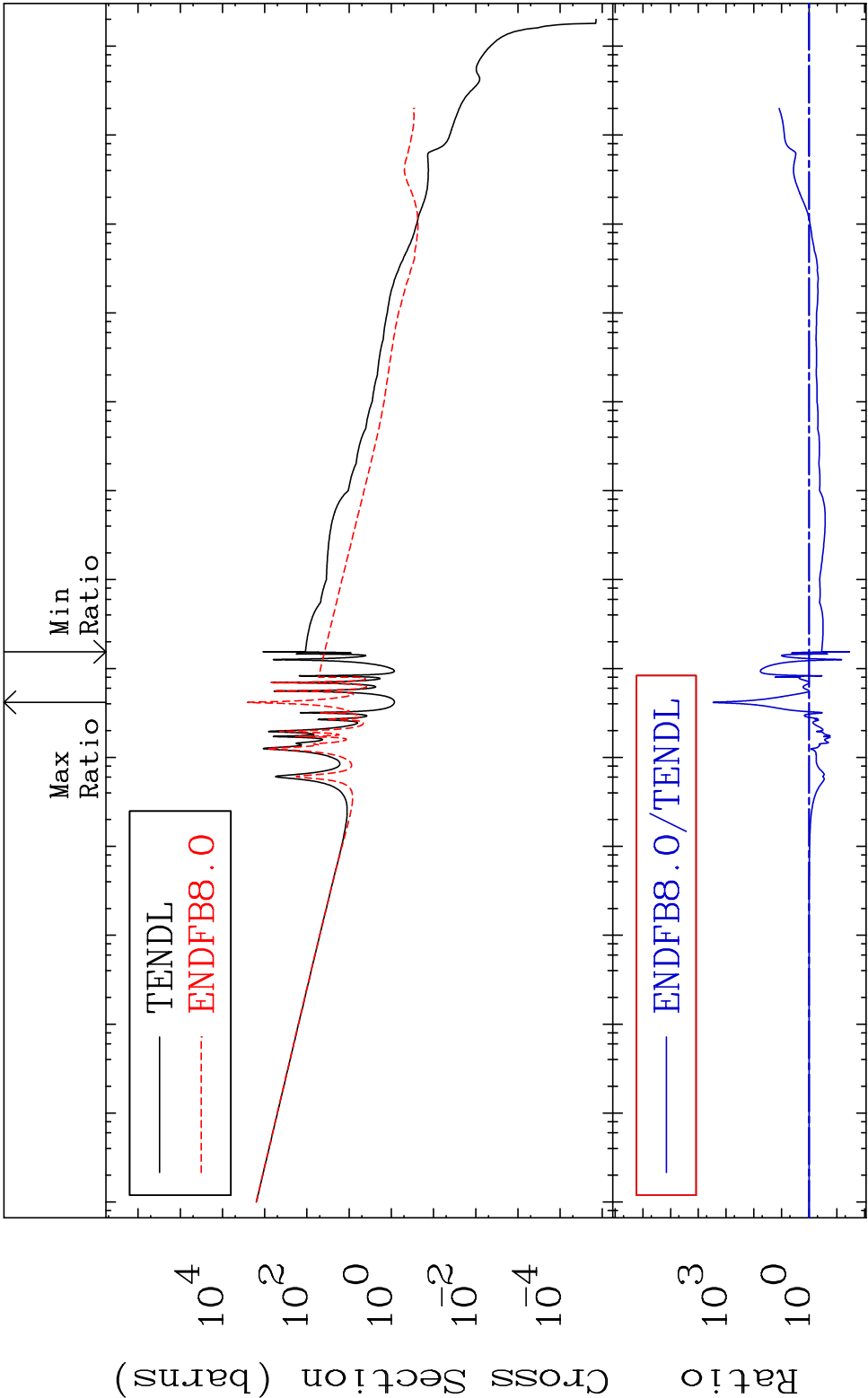
MAT 9031

(n,f) First Chance

90-Th-229

Cross Section

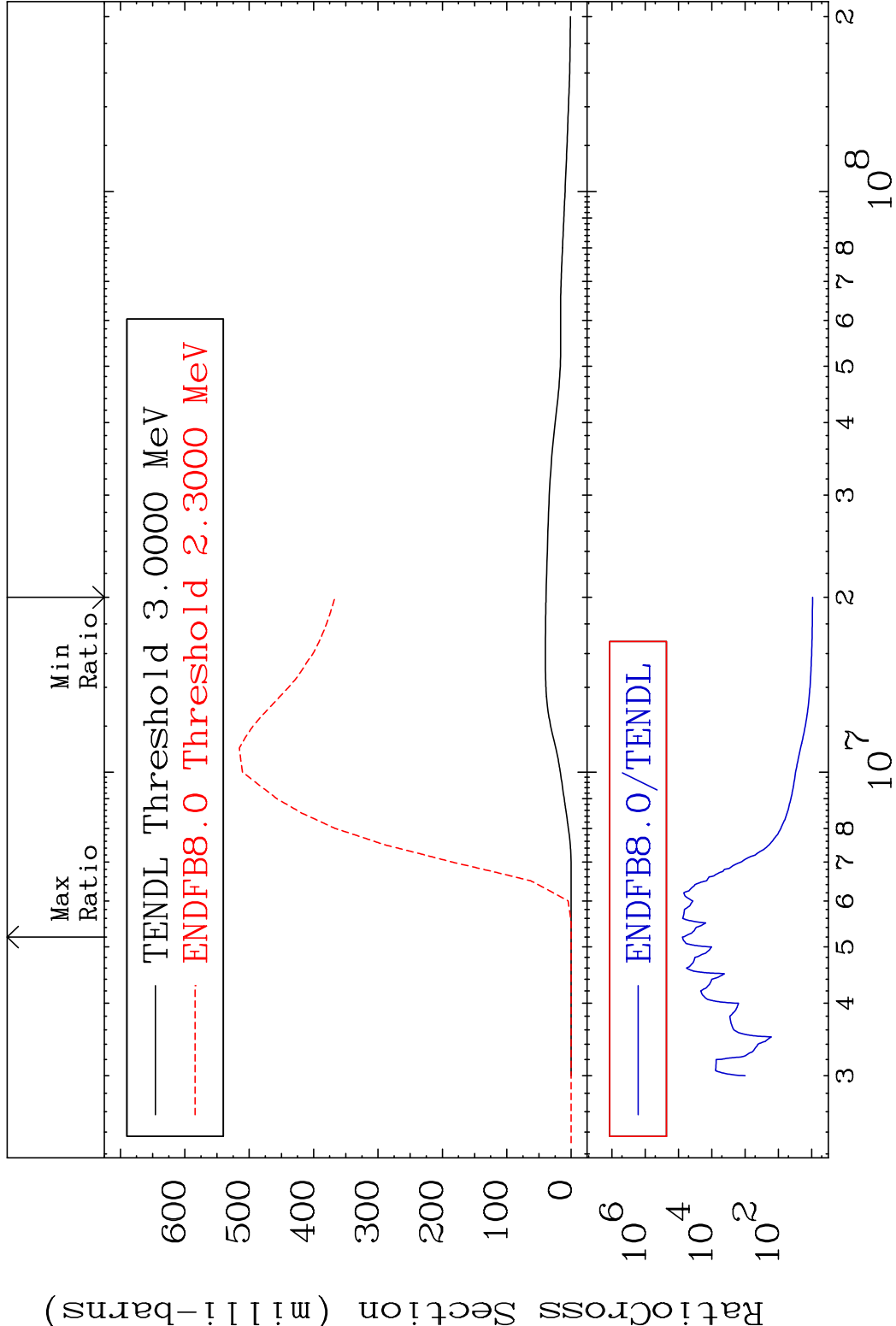
-96.48 To 9999. %

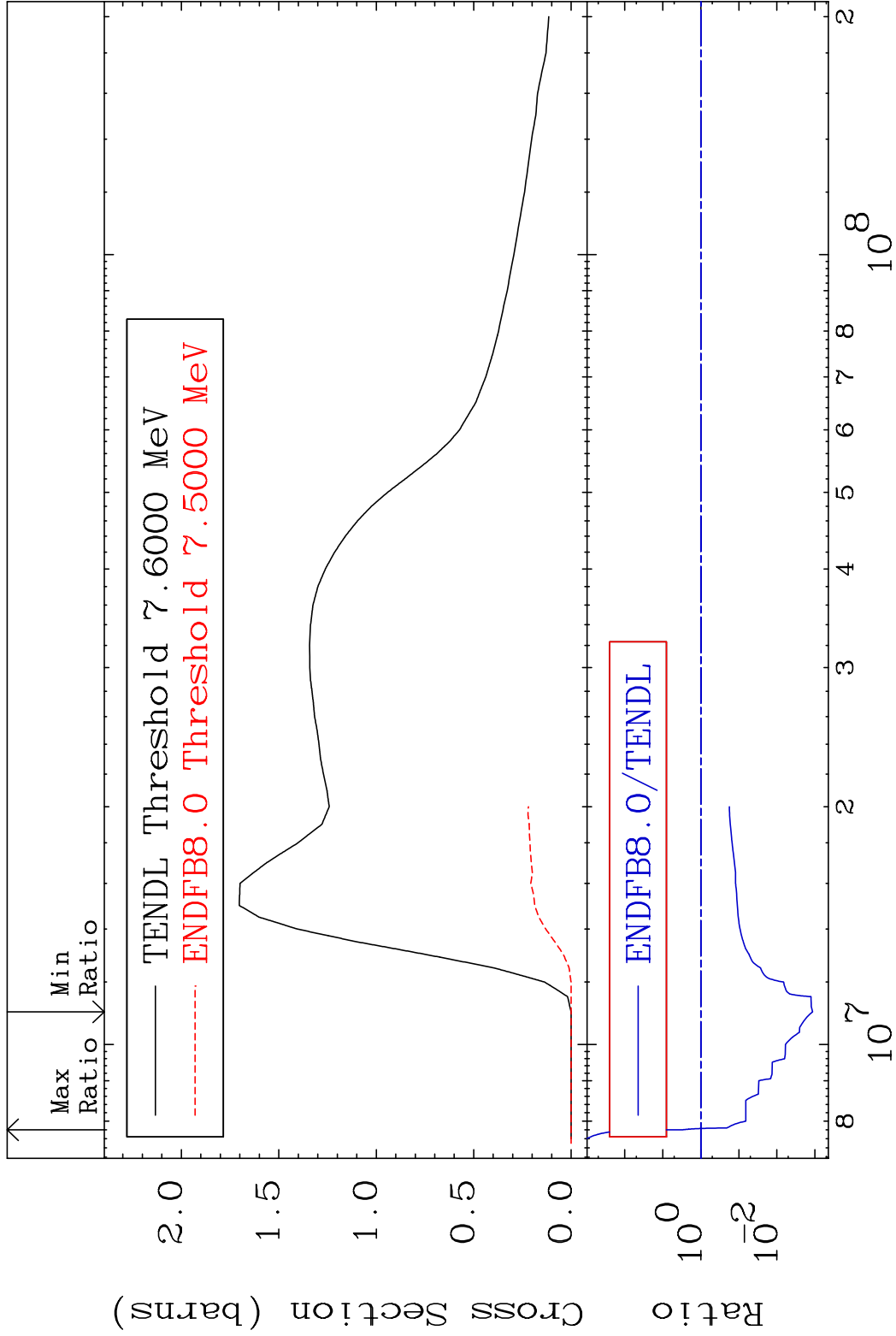


γ

Incident Energy (eV)

90-Th-229



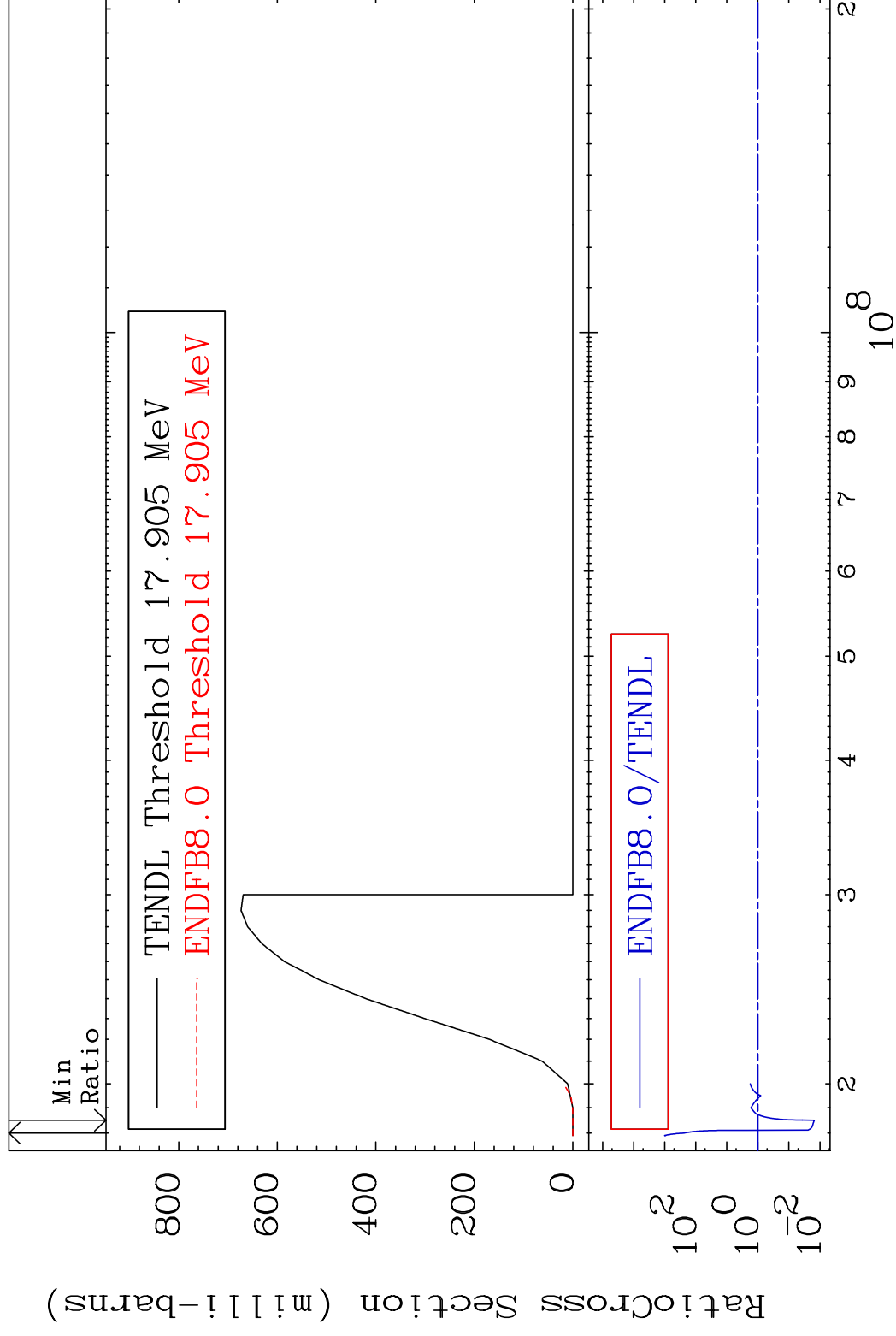


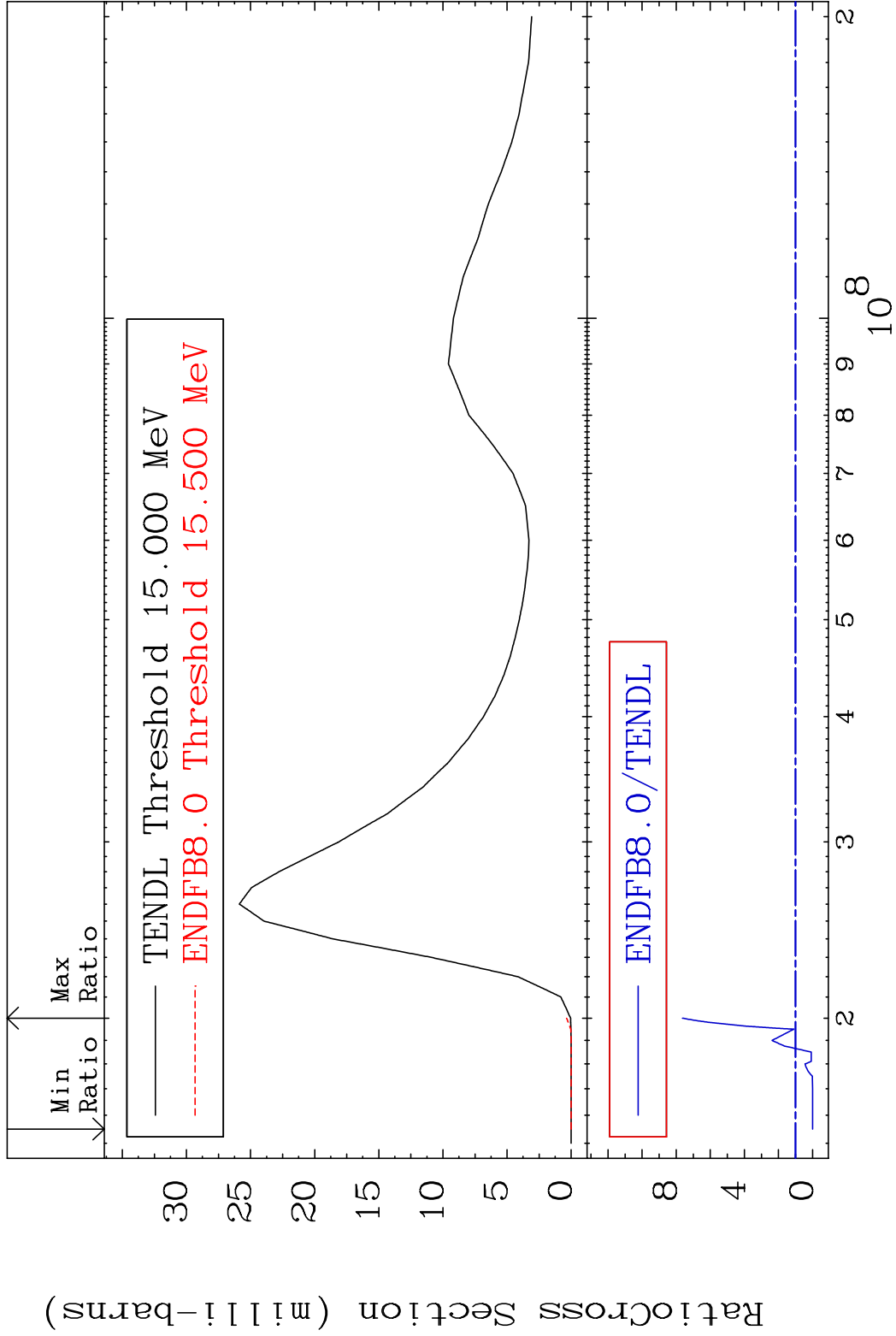
MAT 9031

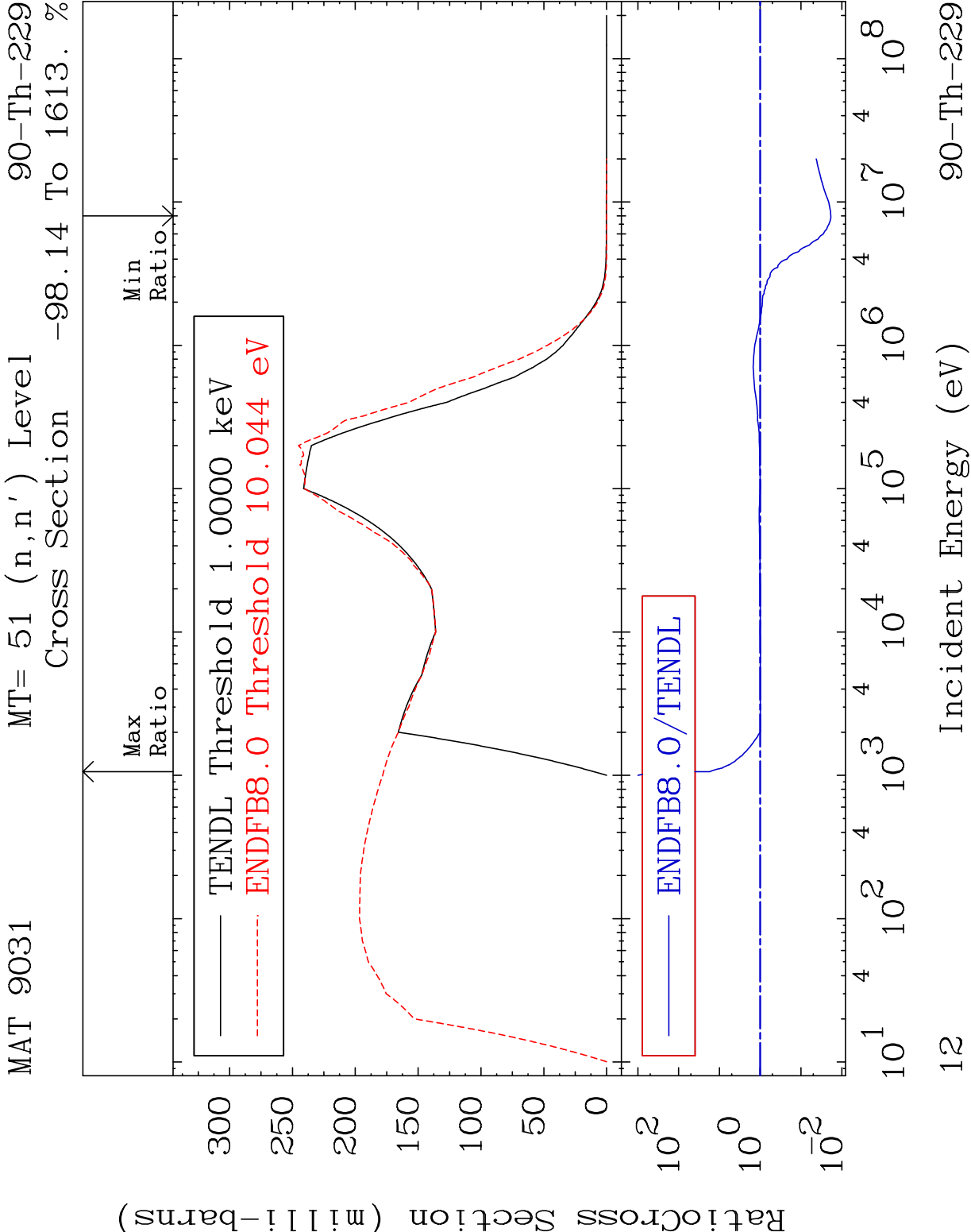
$$(n, 4n)$$

90-Th-229

Cross Section -98.48 To 9999. %







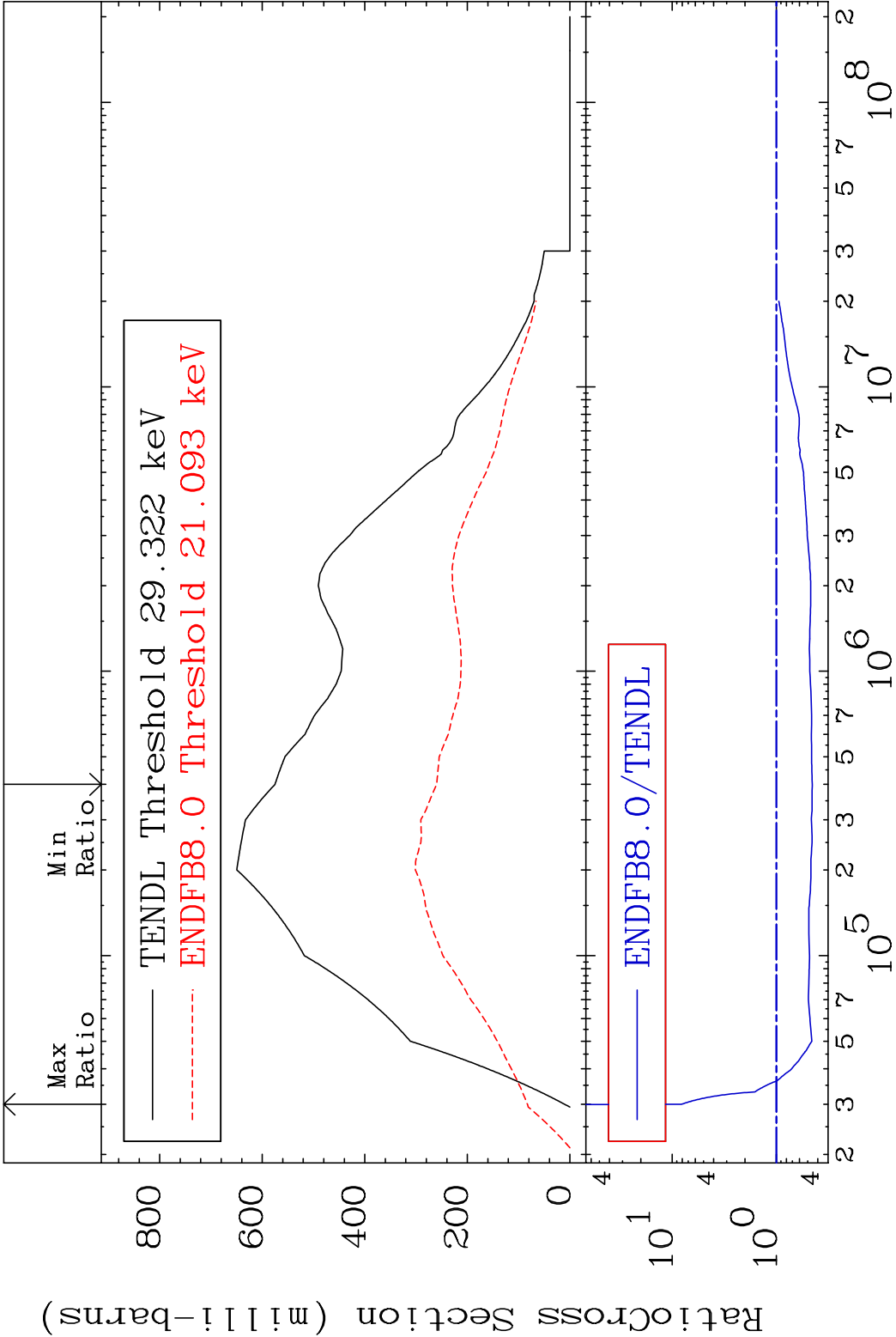
MAT 9031

MT= 52 (n,n') Level

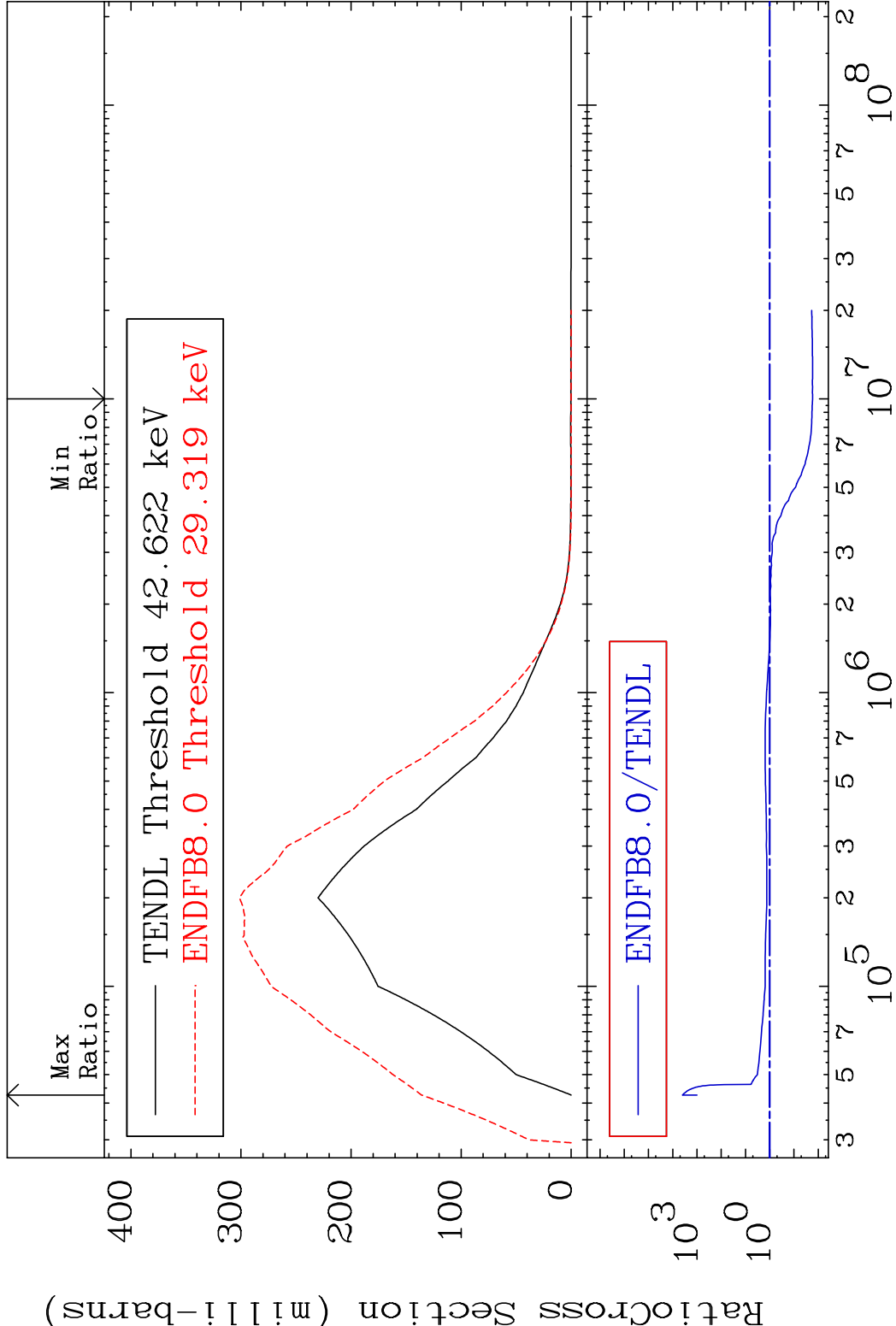
90-Th-229

Cross Section

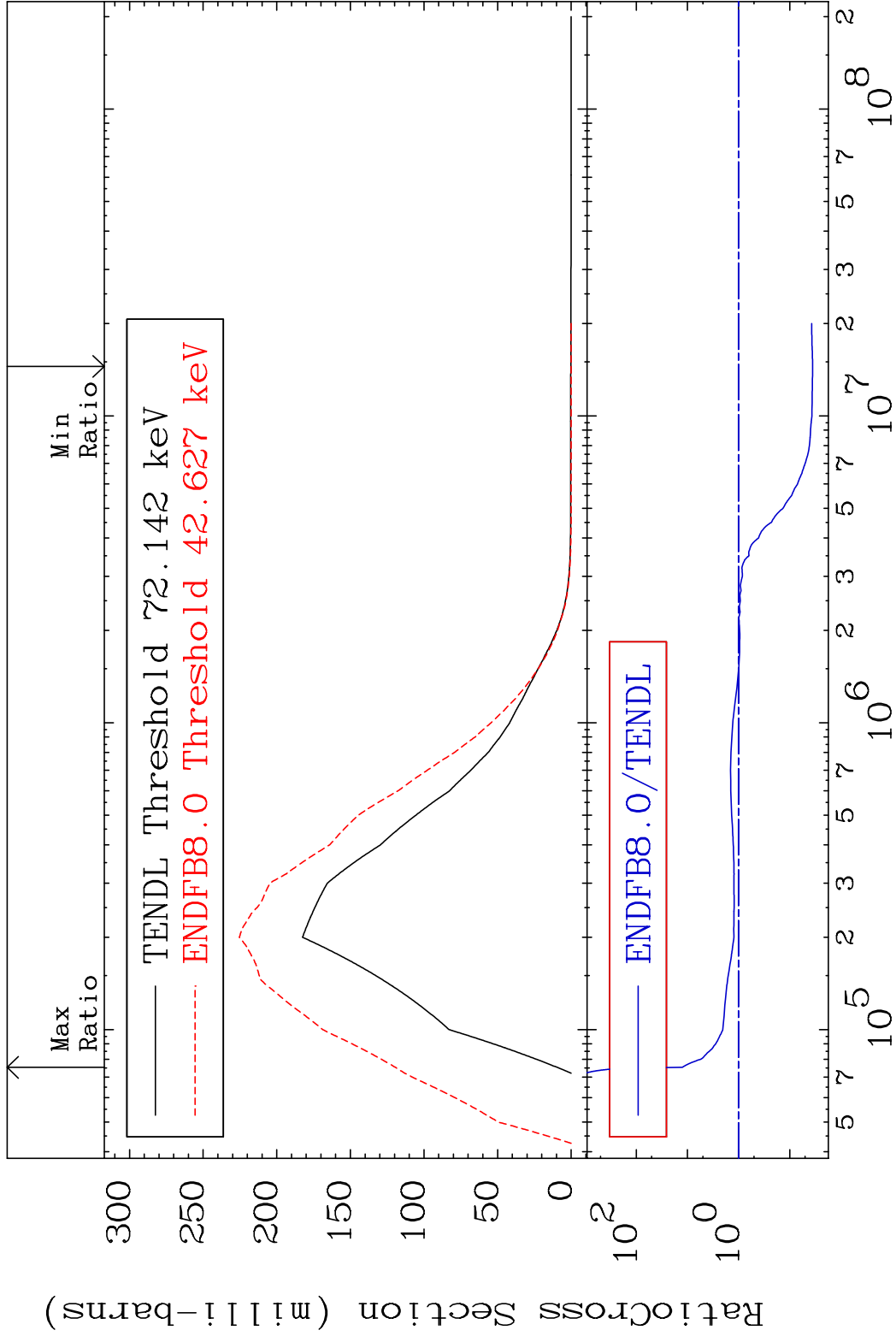
-54.85 To 711.6 %

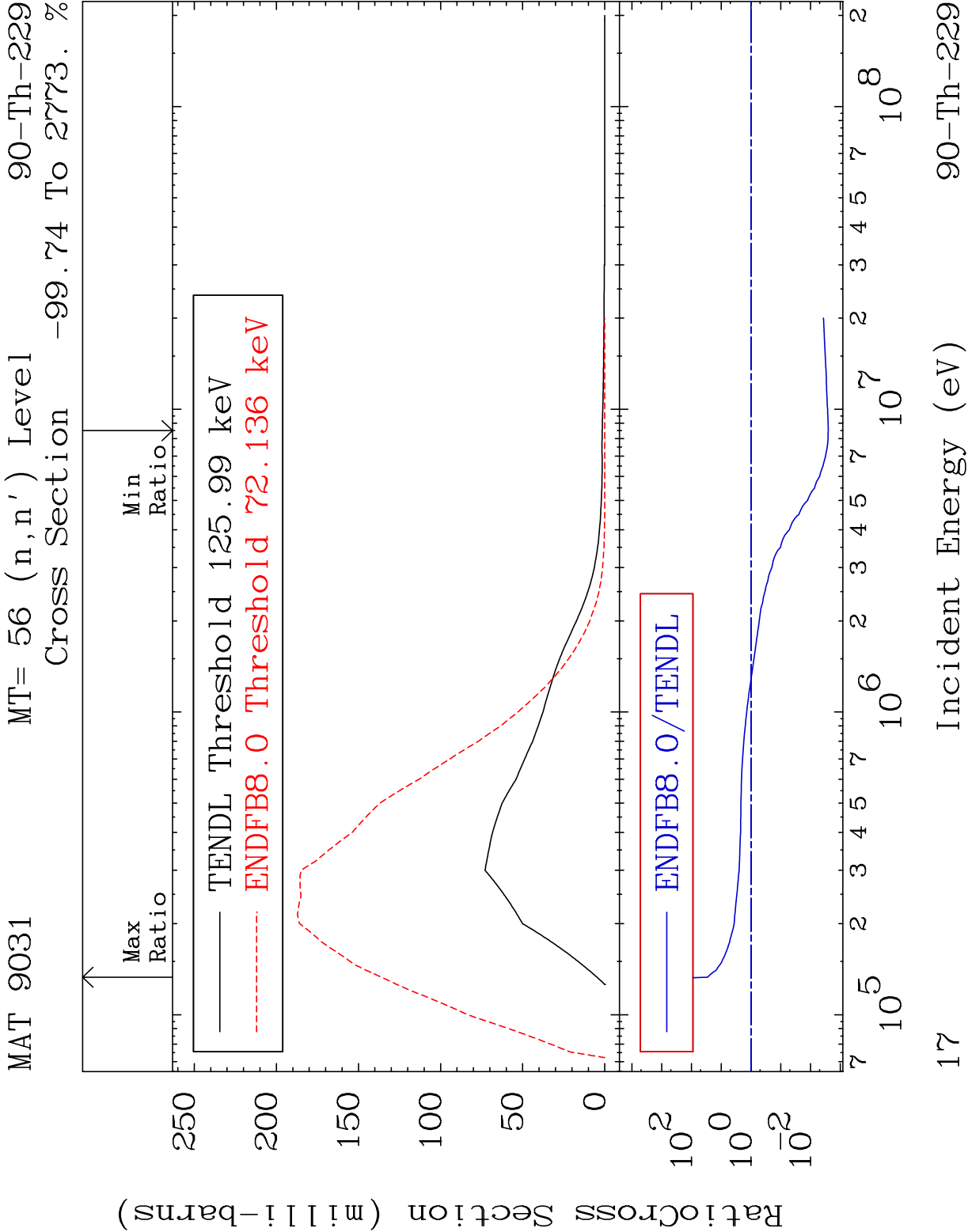


MAT 9031 MT= 53 (n,n') Level 90-Th-229
Cross Section -98.29 To 9999. %

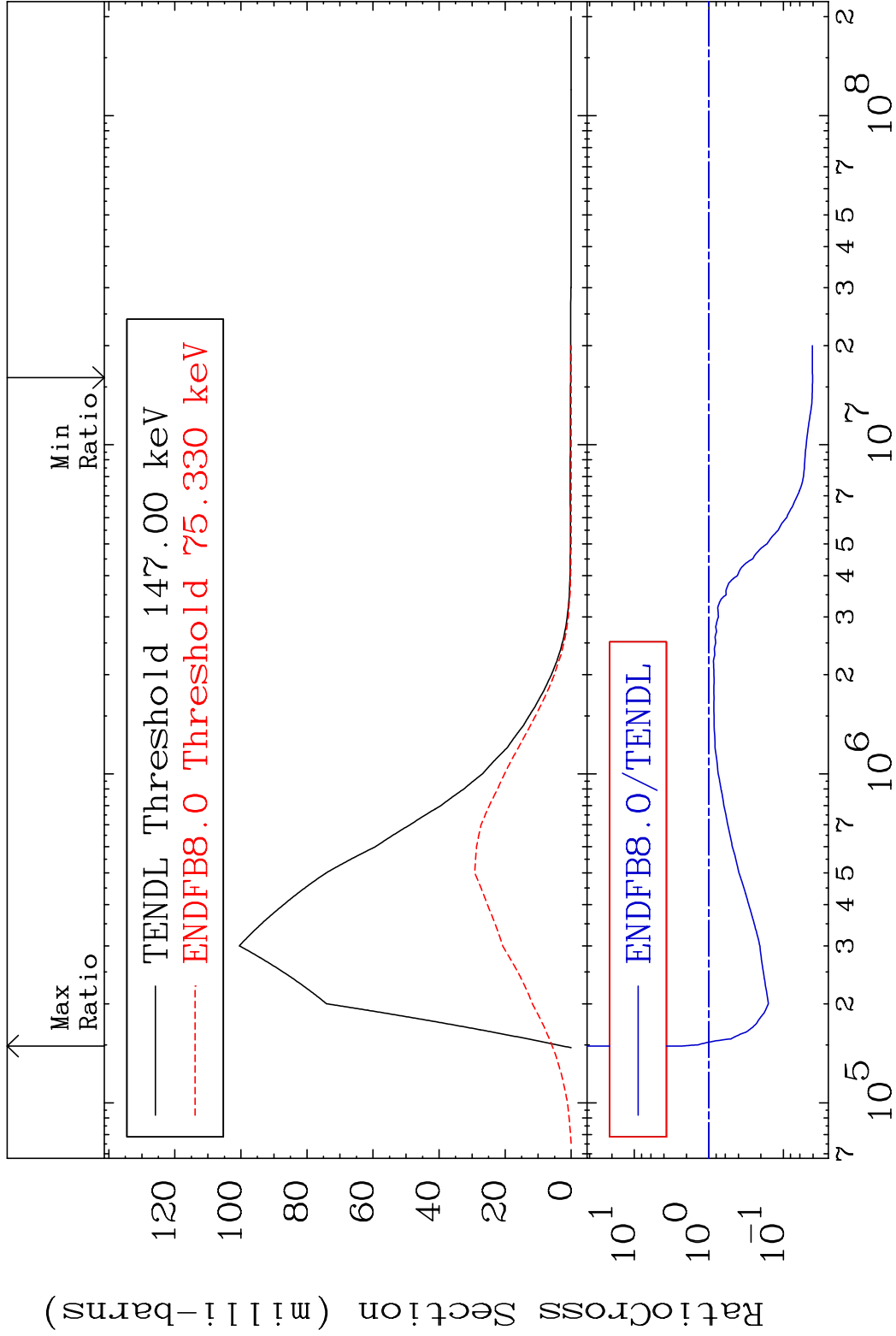


MAT 9031 MT= 54 (n,n') Level 90-Th-229
Cross Section -96.42 To 1157. %

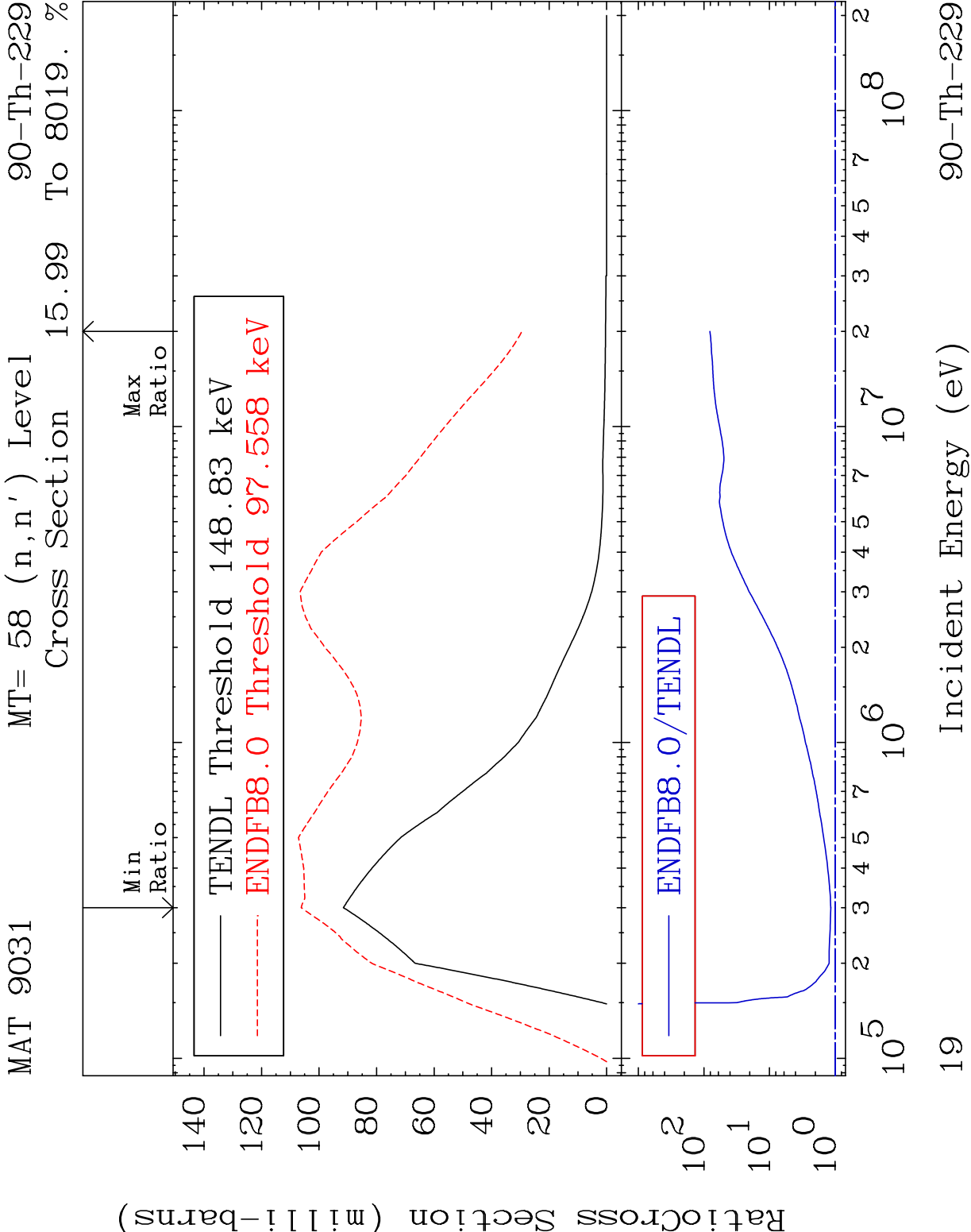




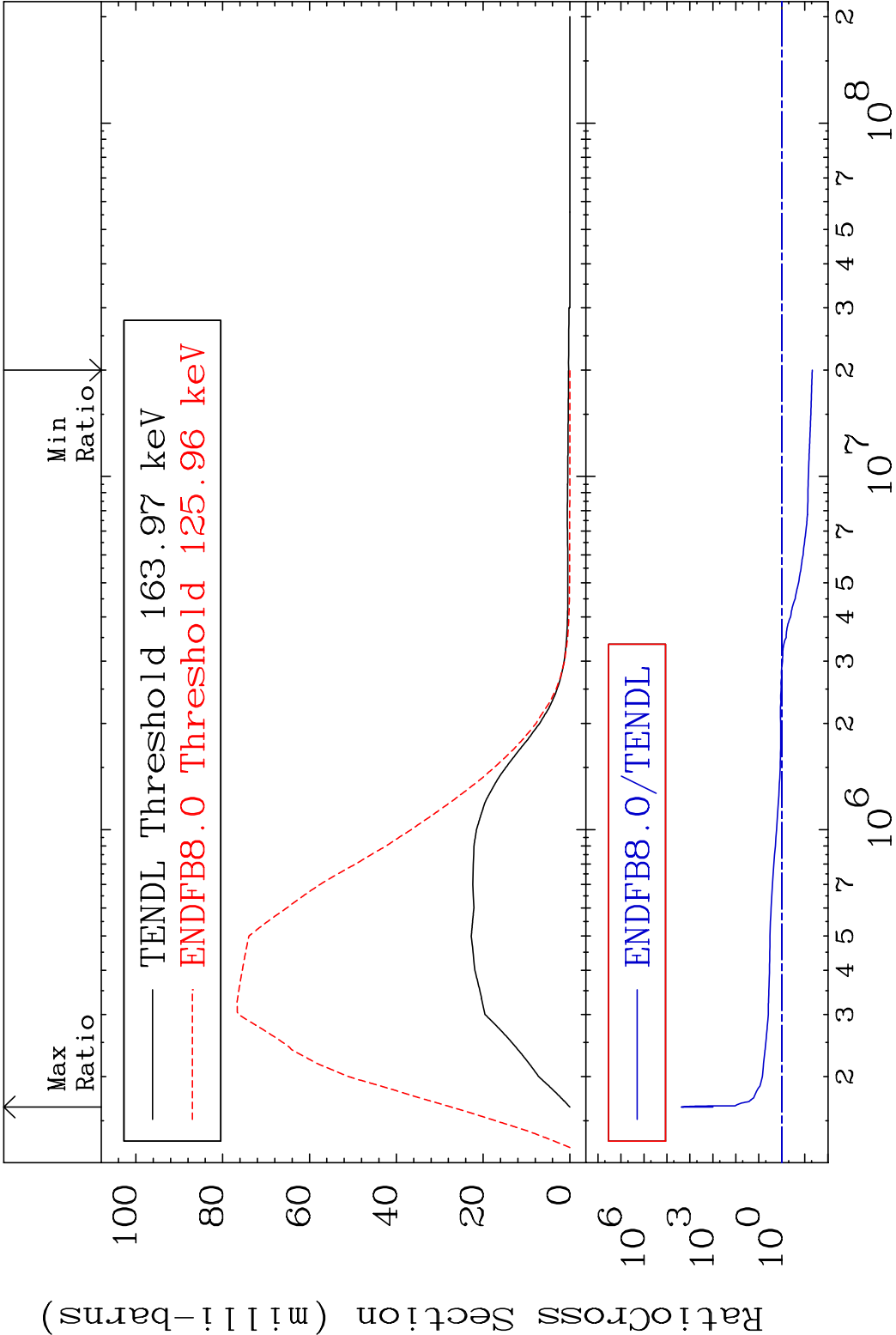
MAT 9031 MT= 57 (n,n') Level 90-Th-229
Cross Section -95.95 To 126.8 %

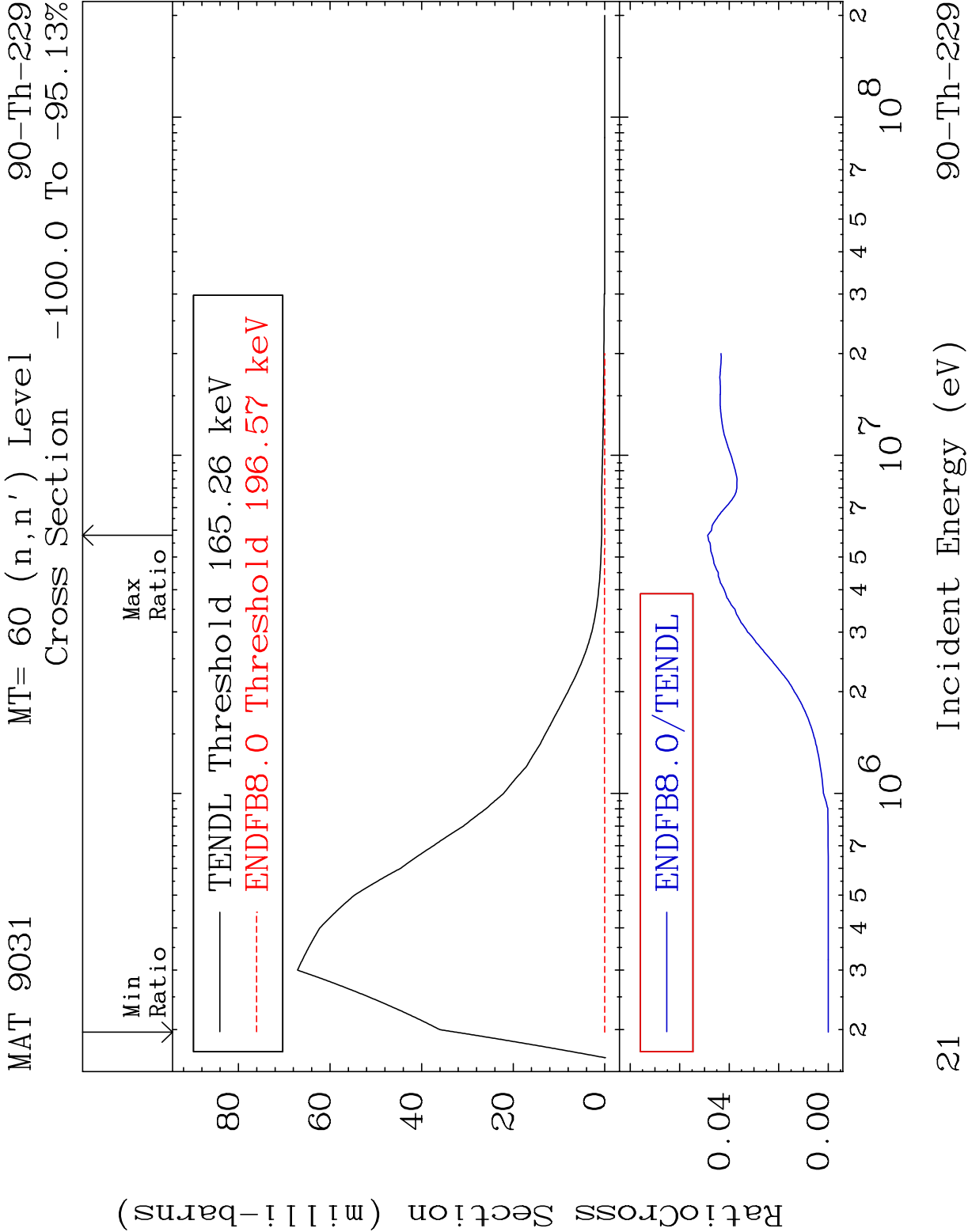


18 Incident Energy (eV) 90-Th-229

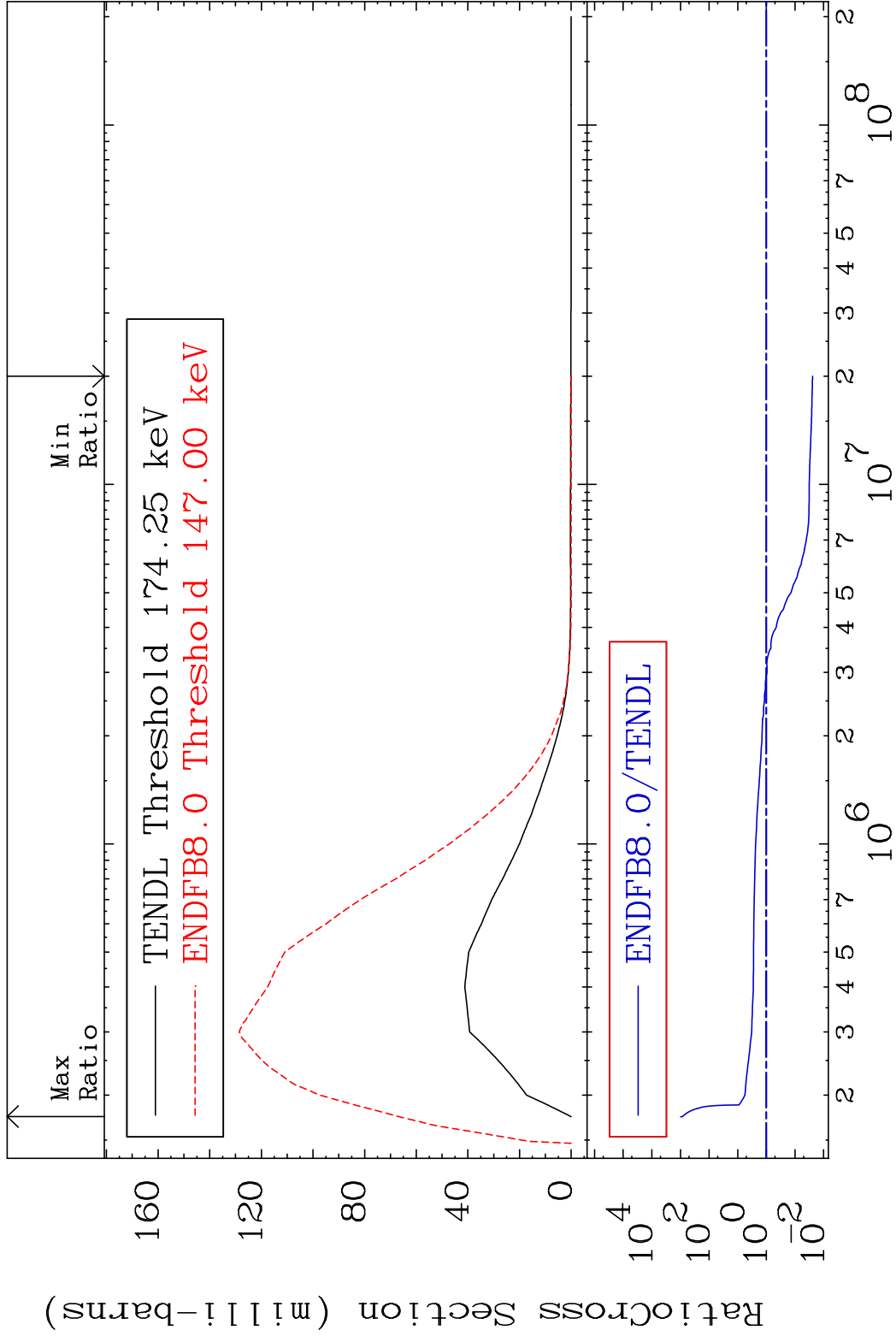


MAT 9031 MT= 59 (n,n') Level 90-Th-229
Cross Section -95.27 To 9999. %





MAT 9031 MT= 61 (n,n') Level 90-Th-229
Cross Section -97.56 To 9999. %



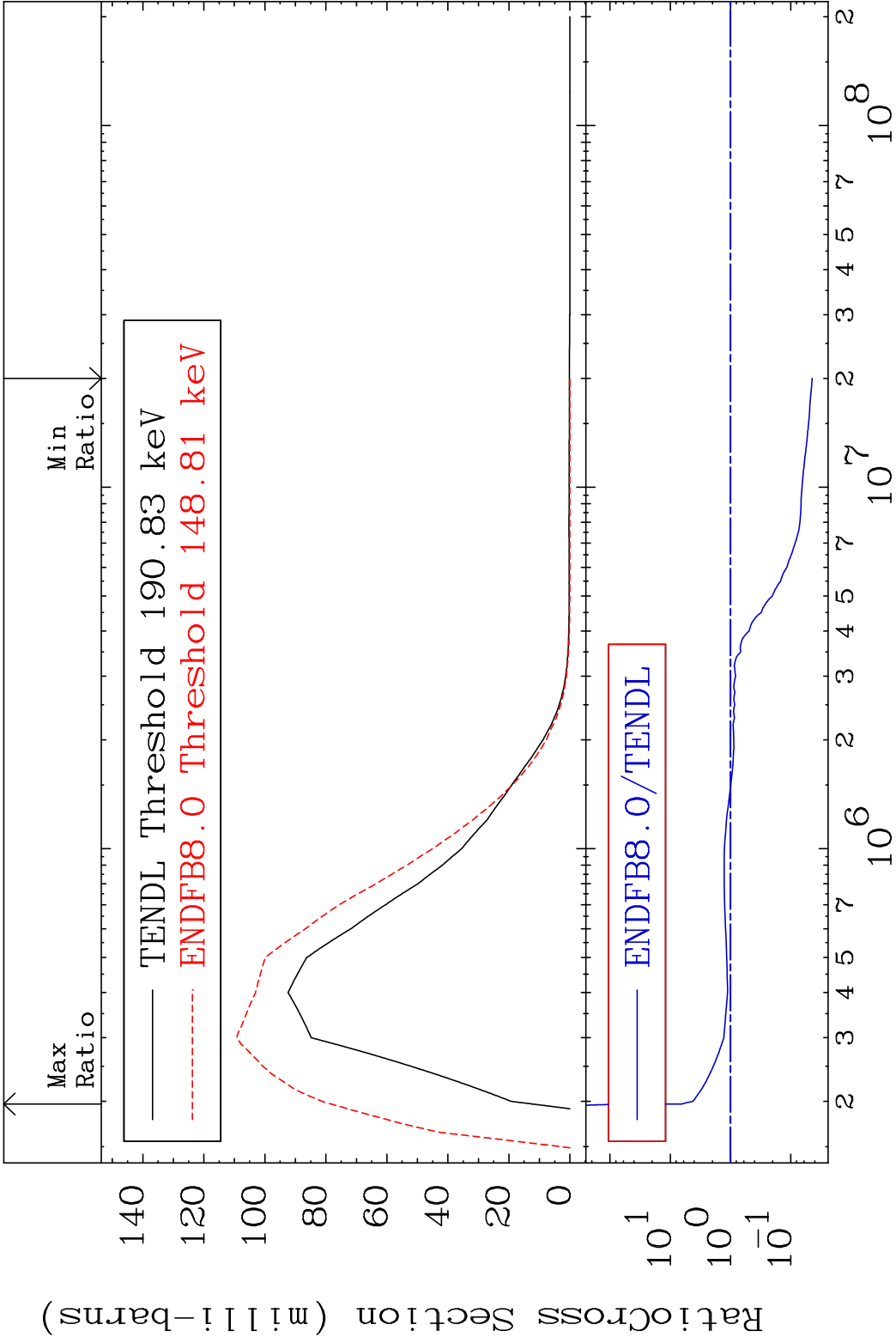
MAT 9031

MT= 62 (n,n') Level

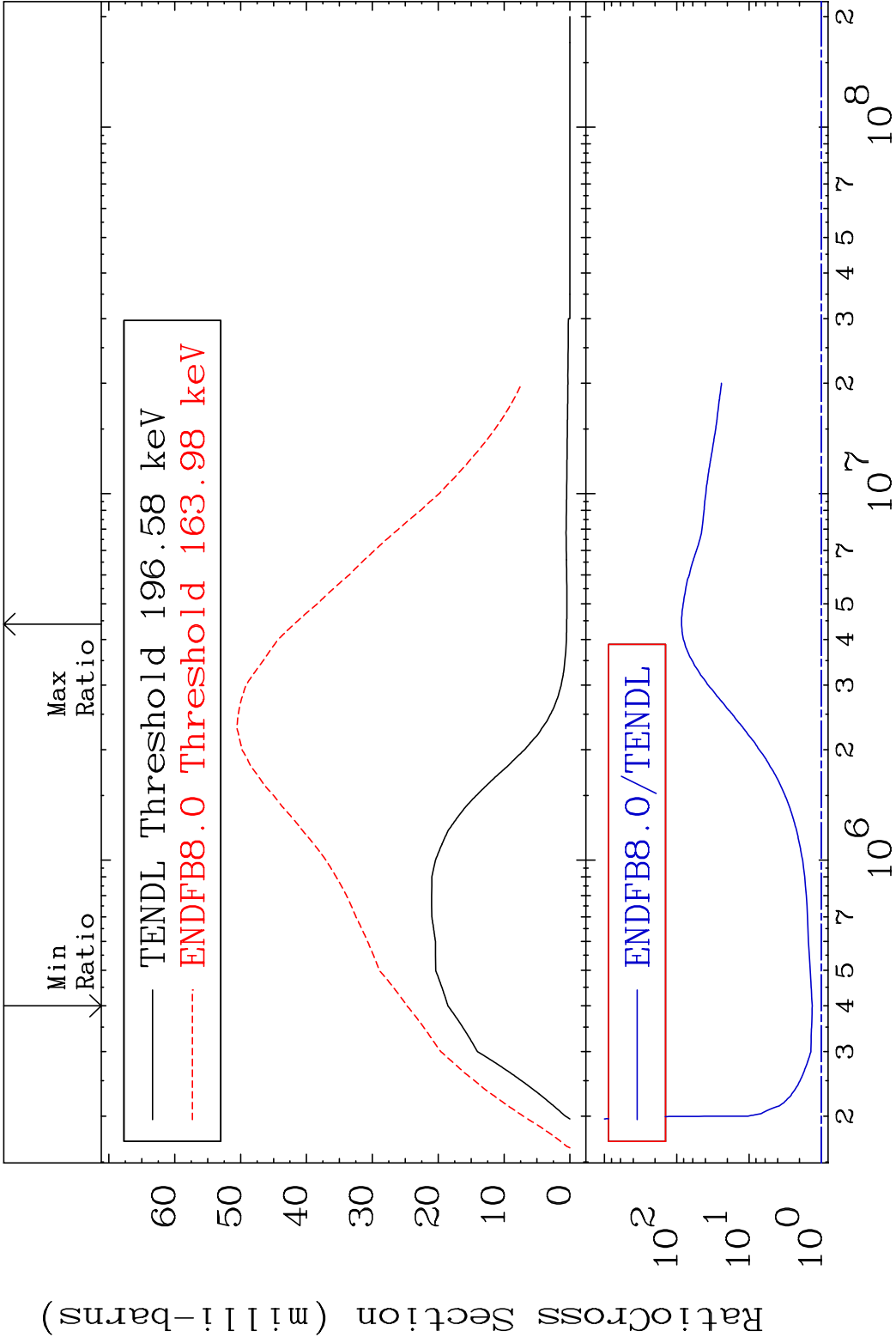
90-Th-229

Cross Section

-95.60 To 550.0 %



MAT 9031	MT= 63 (n,n')	Level	90-Th-229
	Cross Section	33.51	To 8478. %



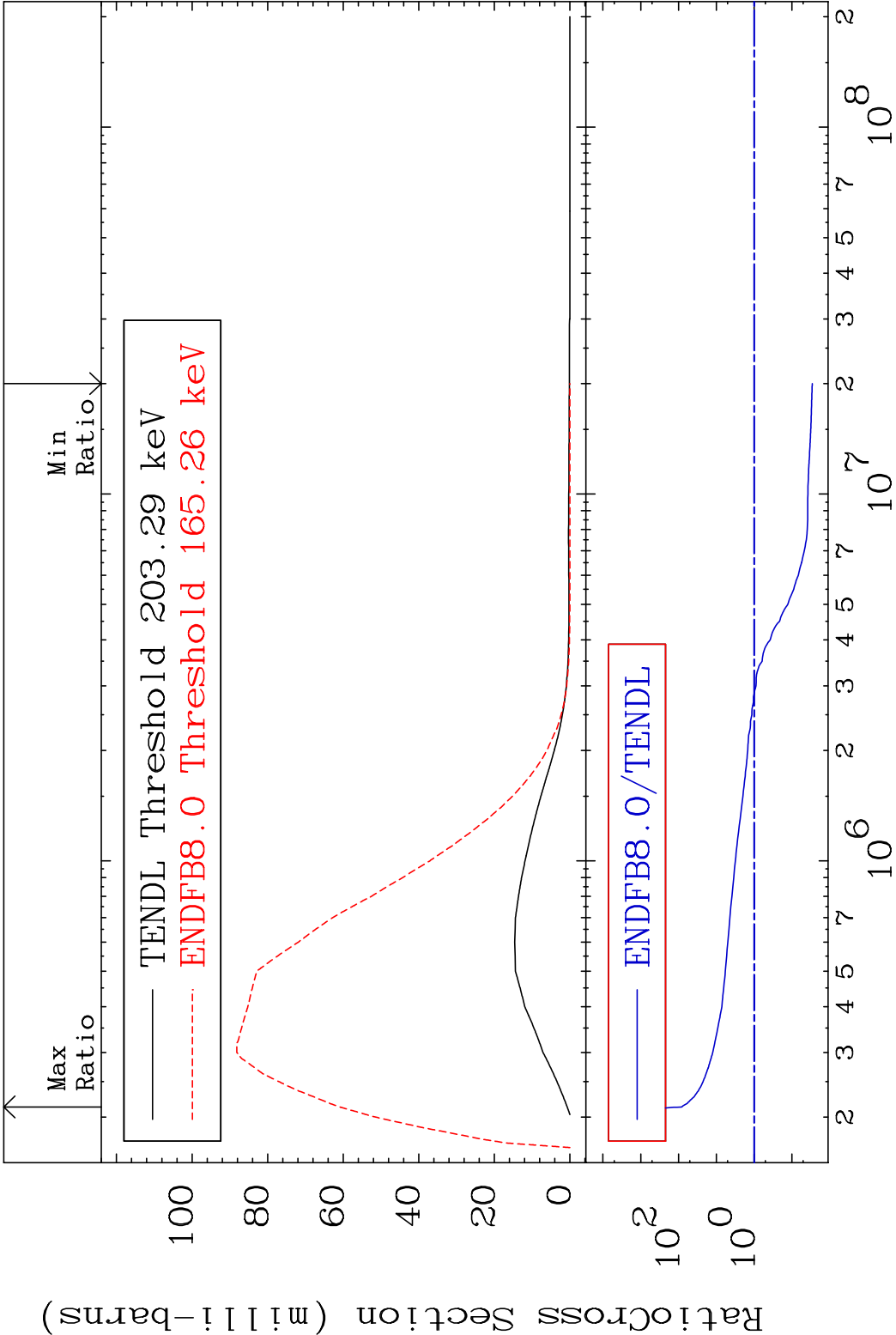
MAT 9031

MT= 64 (n,n') Level

90-Th-229

Cross Section

-97.11 To 8211. %



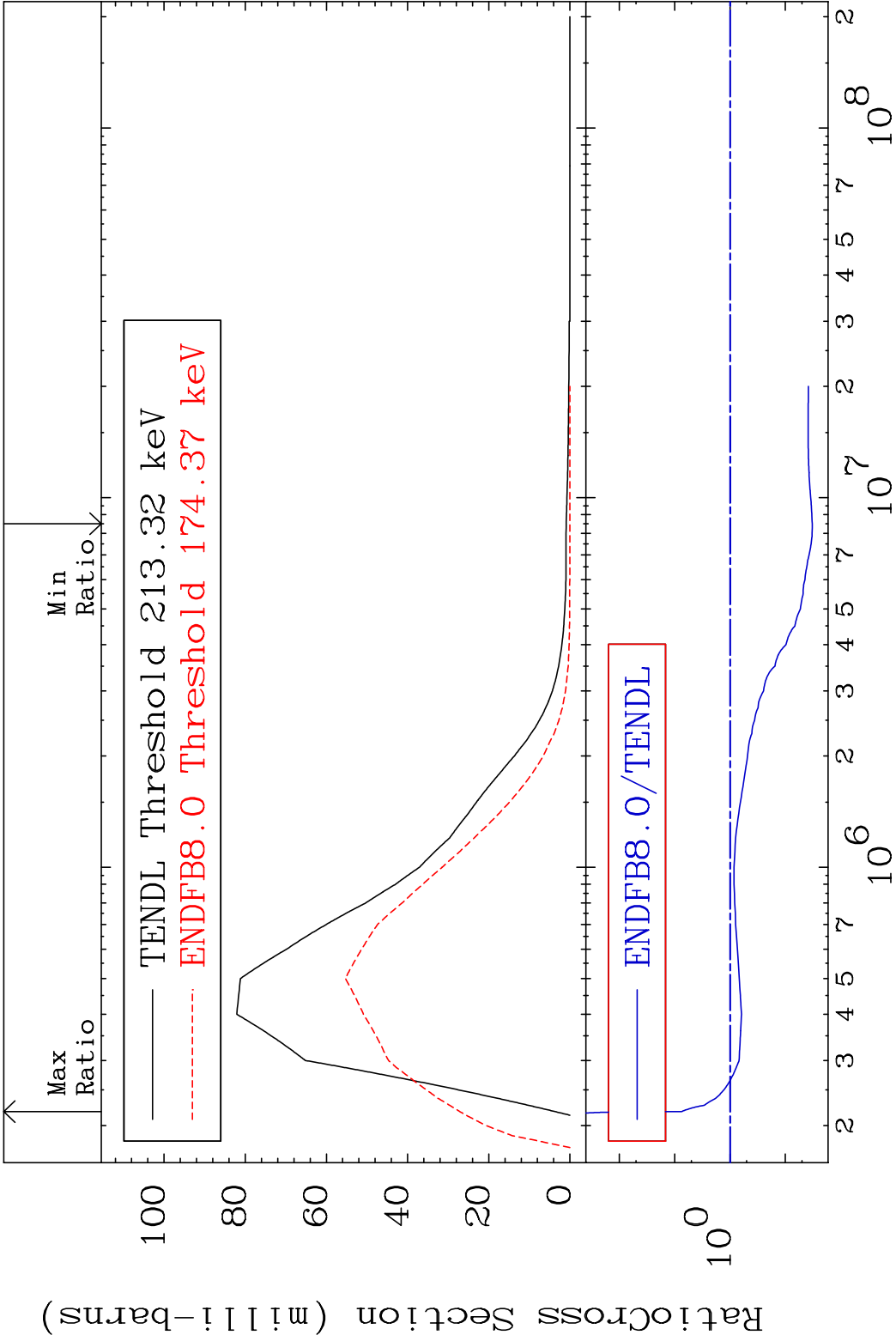
MAT 9031

MT= 65 (n,n') Level

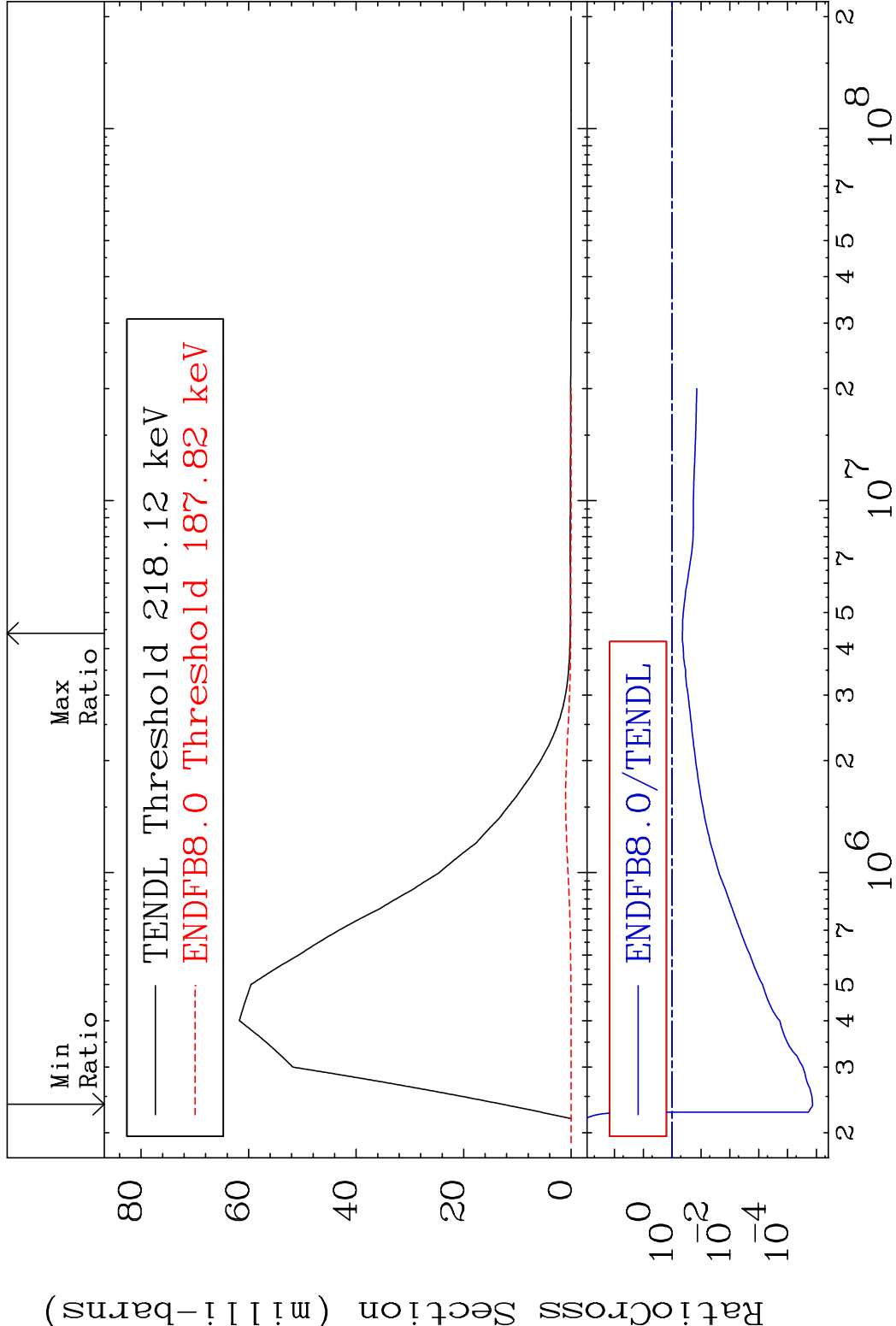
90-Th-229

Cross Section

-96.73 To 651.5 %



MAT 9031 MT= 66 (n,n') Level 90-Th-229
Cross Section -100.0 To -55.73%



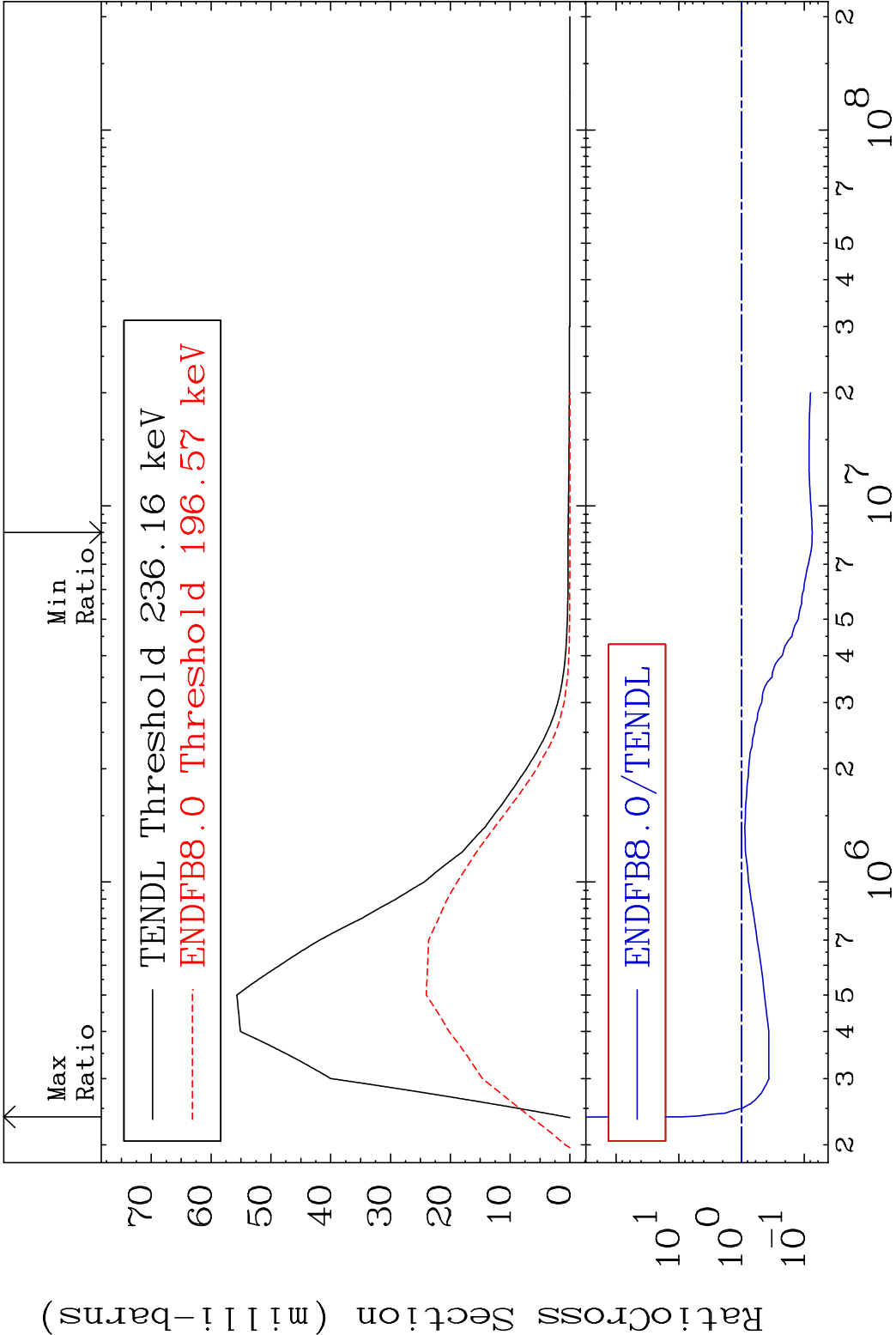
MAT 9031

MT= 67 (n,n') Level

90-Th-229

Cross Section

-92.55 To 806.5 %



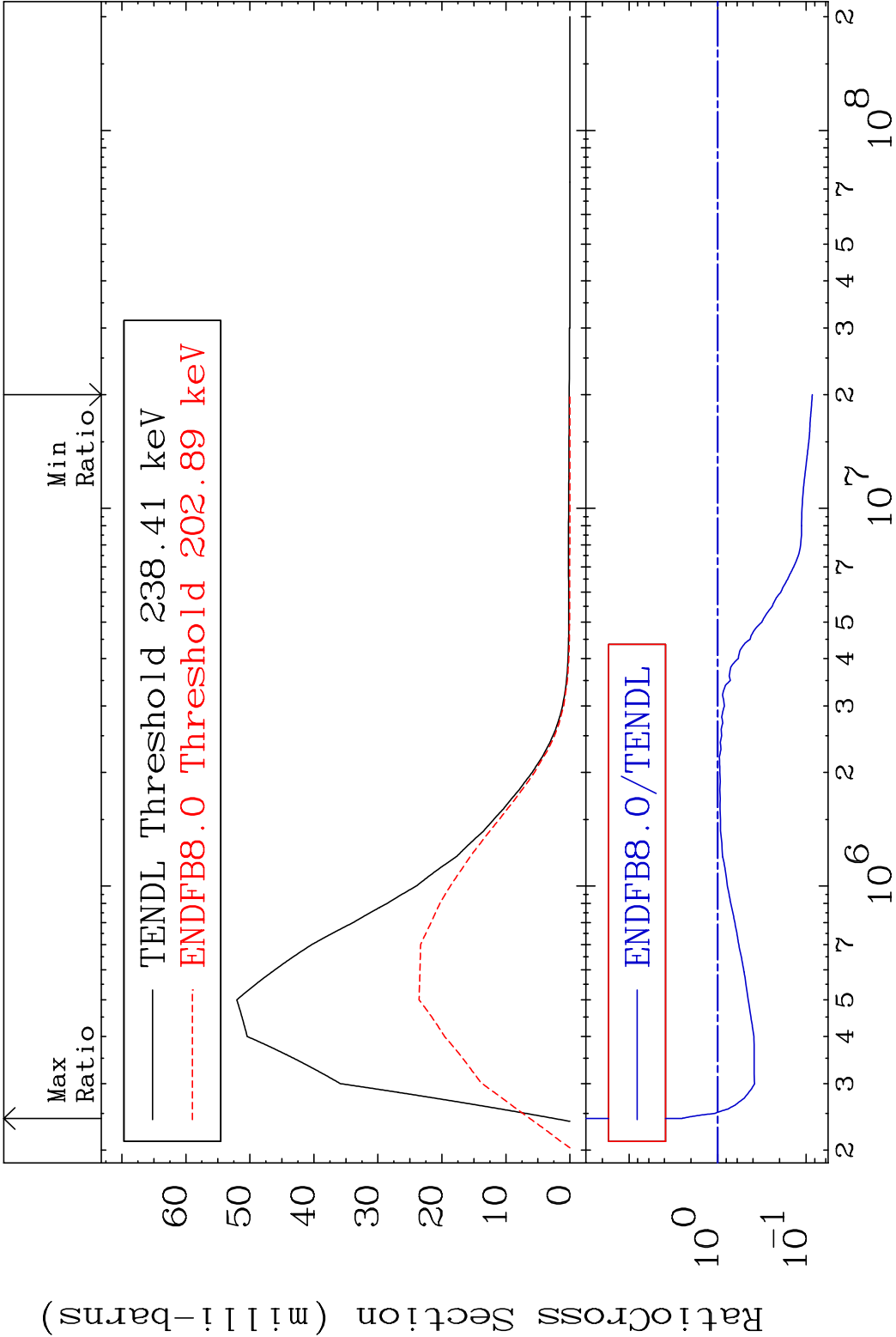
MAT 9031

MT= 68 (n,n') Level

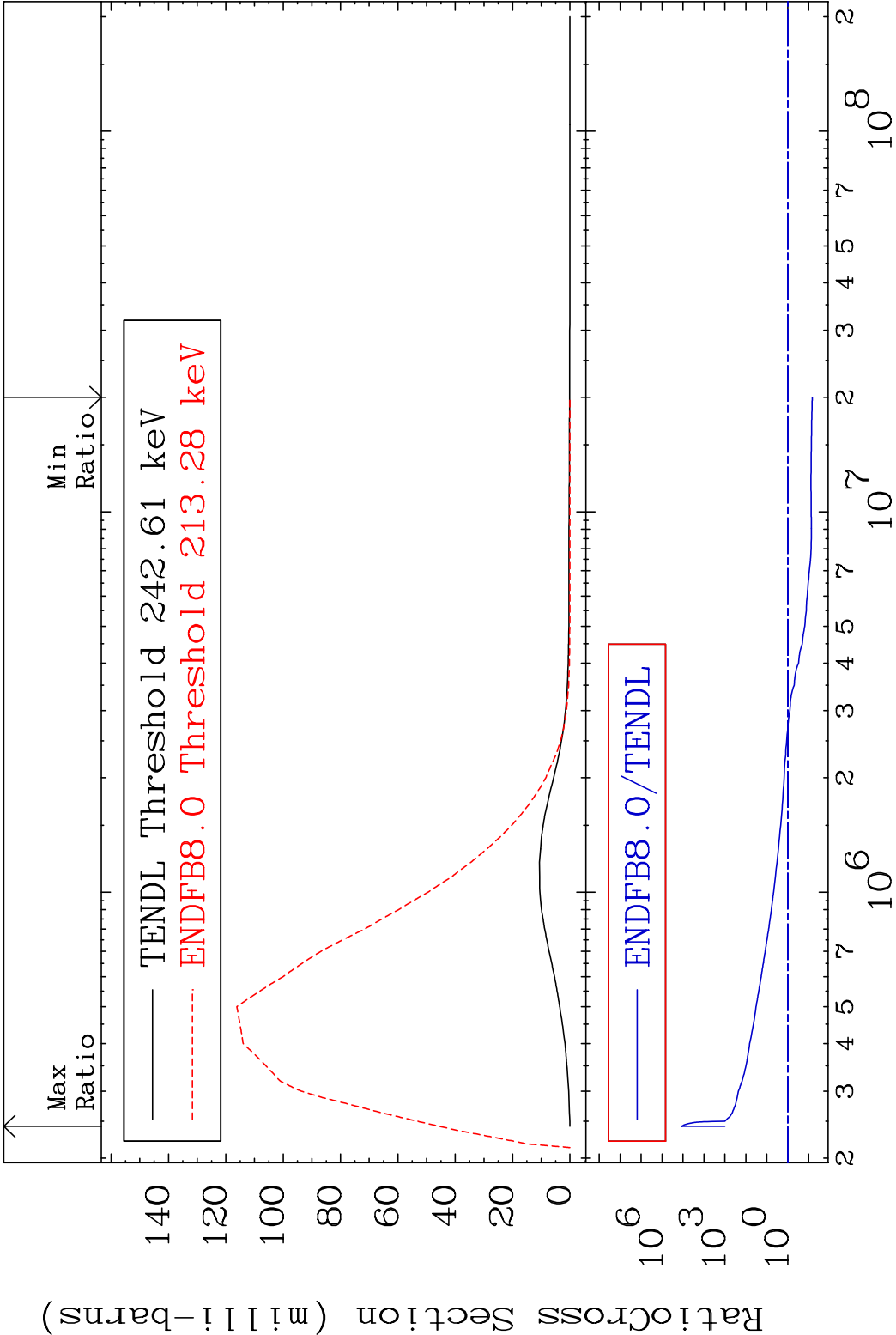
90-Th-229

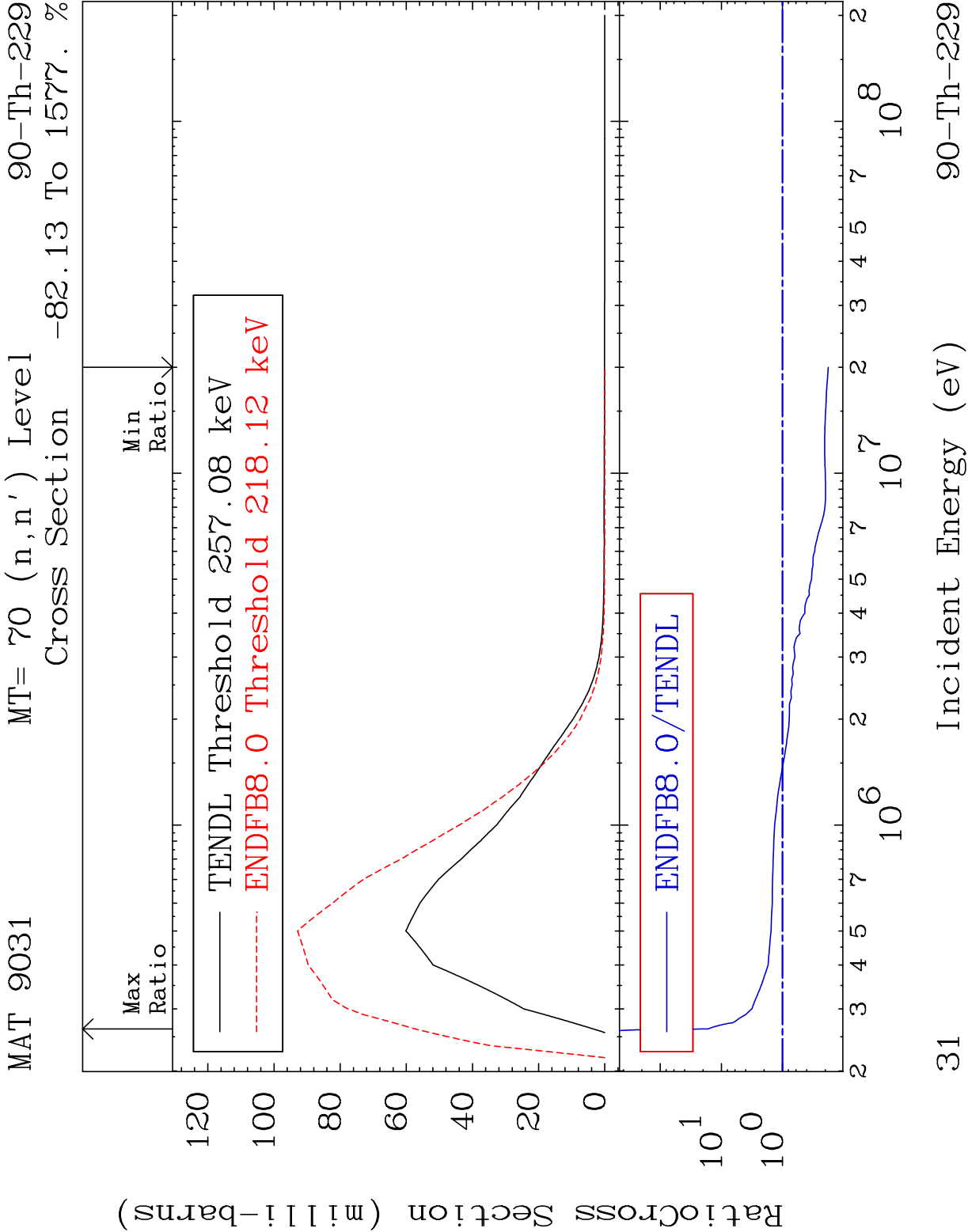
Cross Section

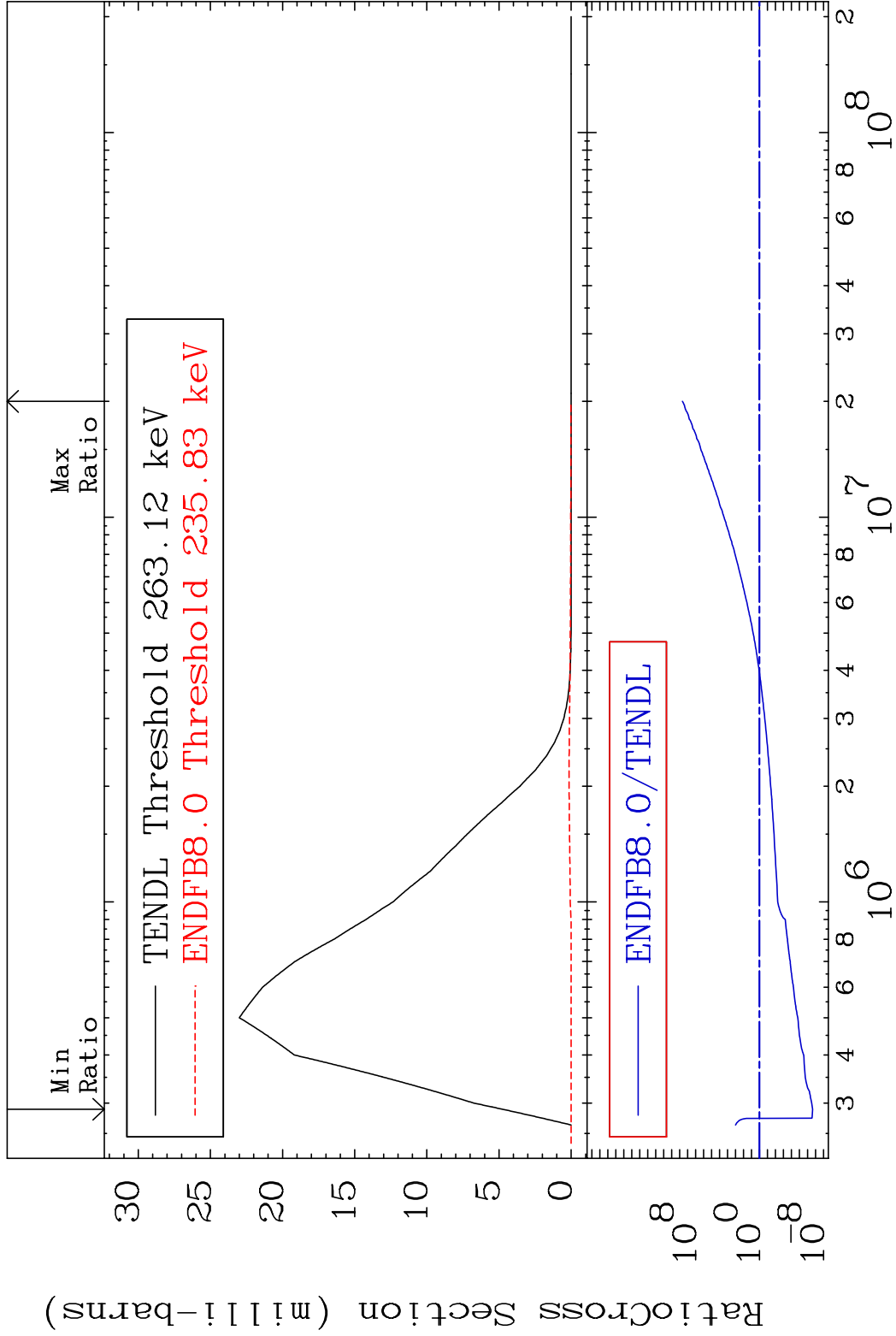
-91.45 To 155.8 %

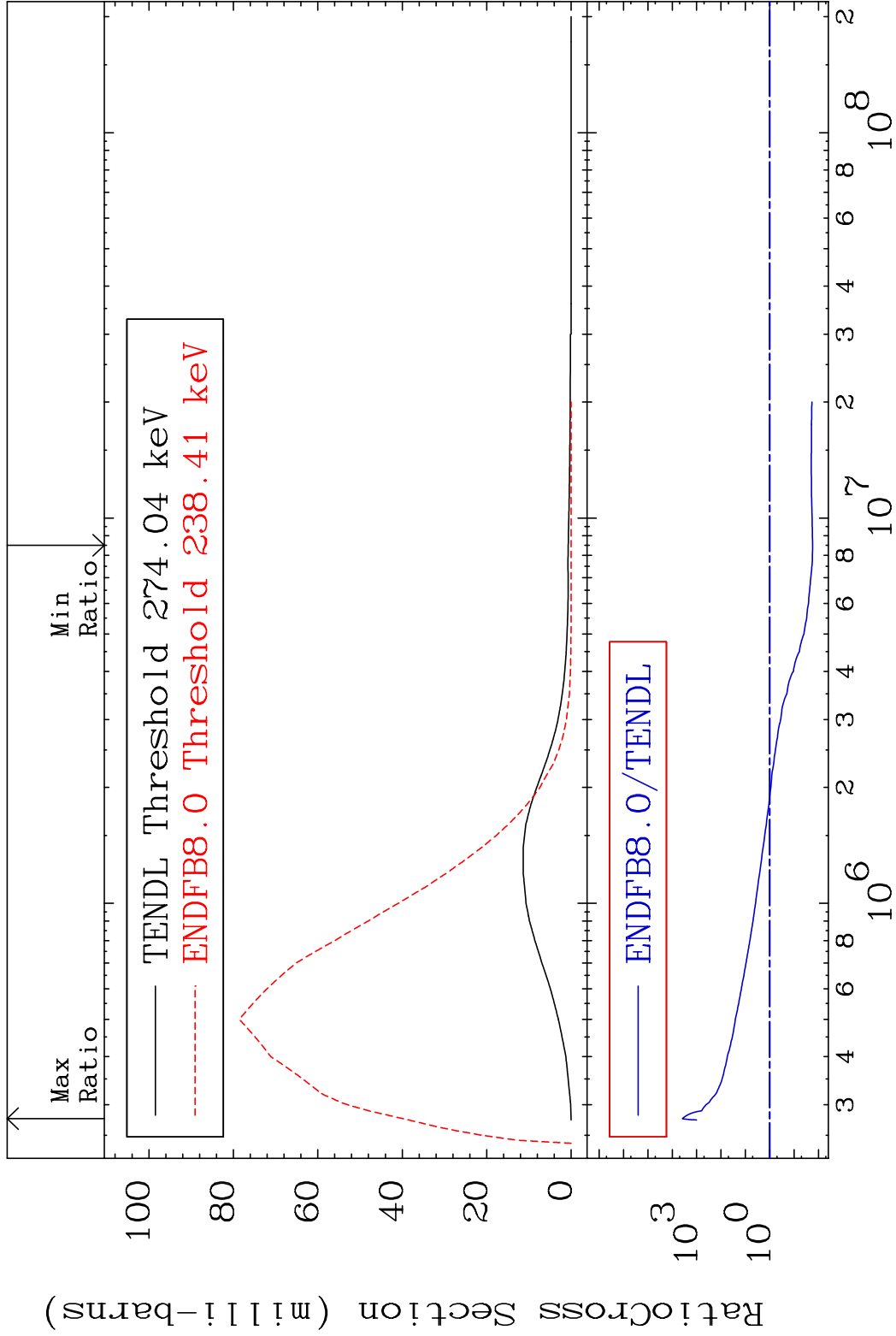


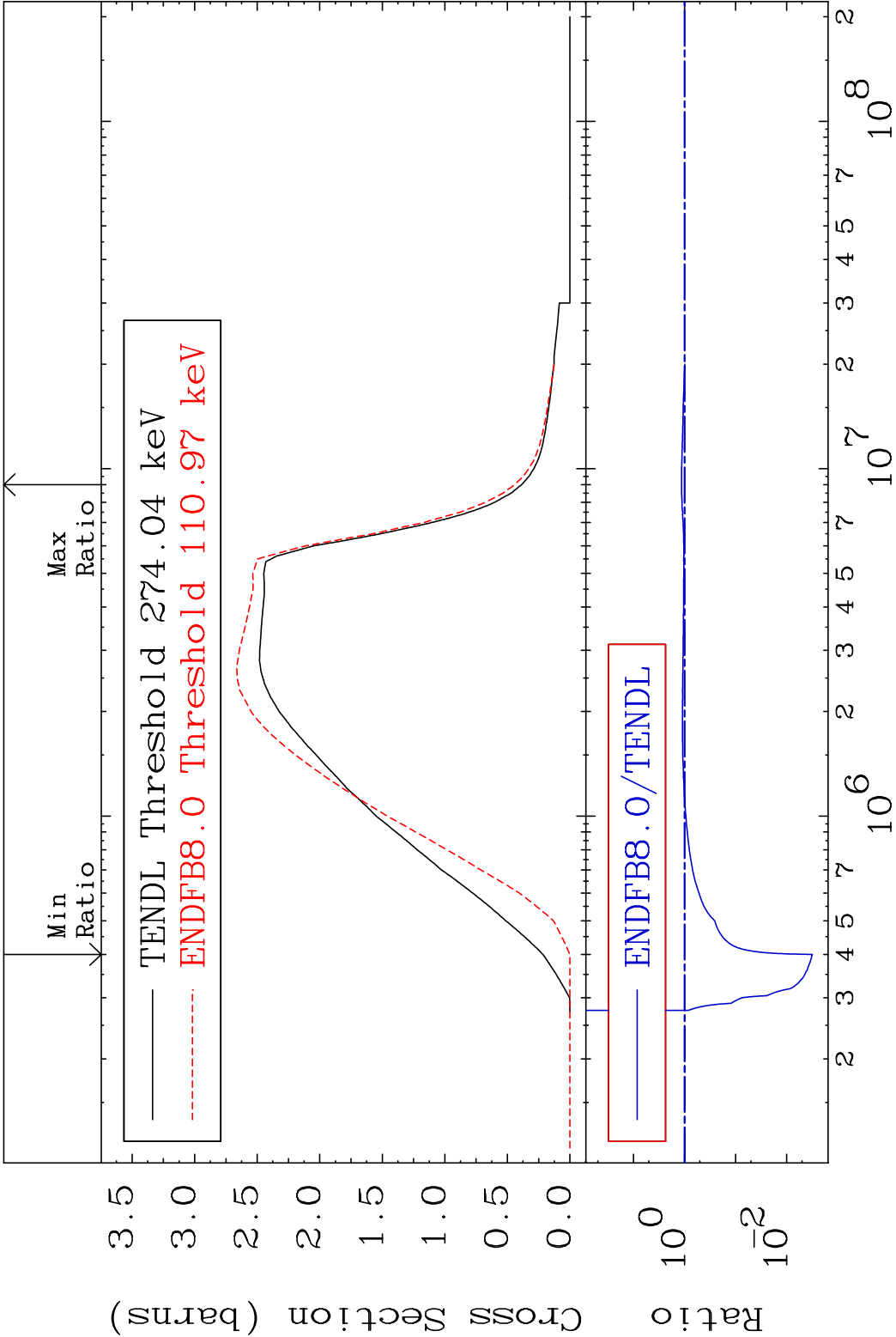
MAT 9031 MT= 69 (n,n') Level 90-Th-229
Cross Section -93.25 To 9999. %









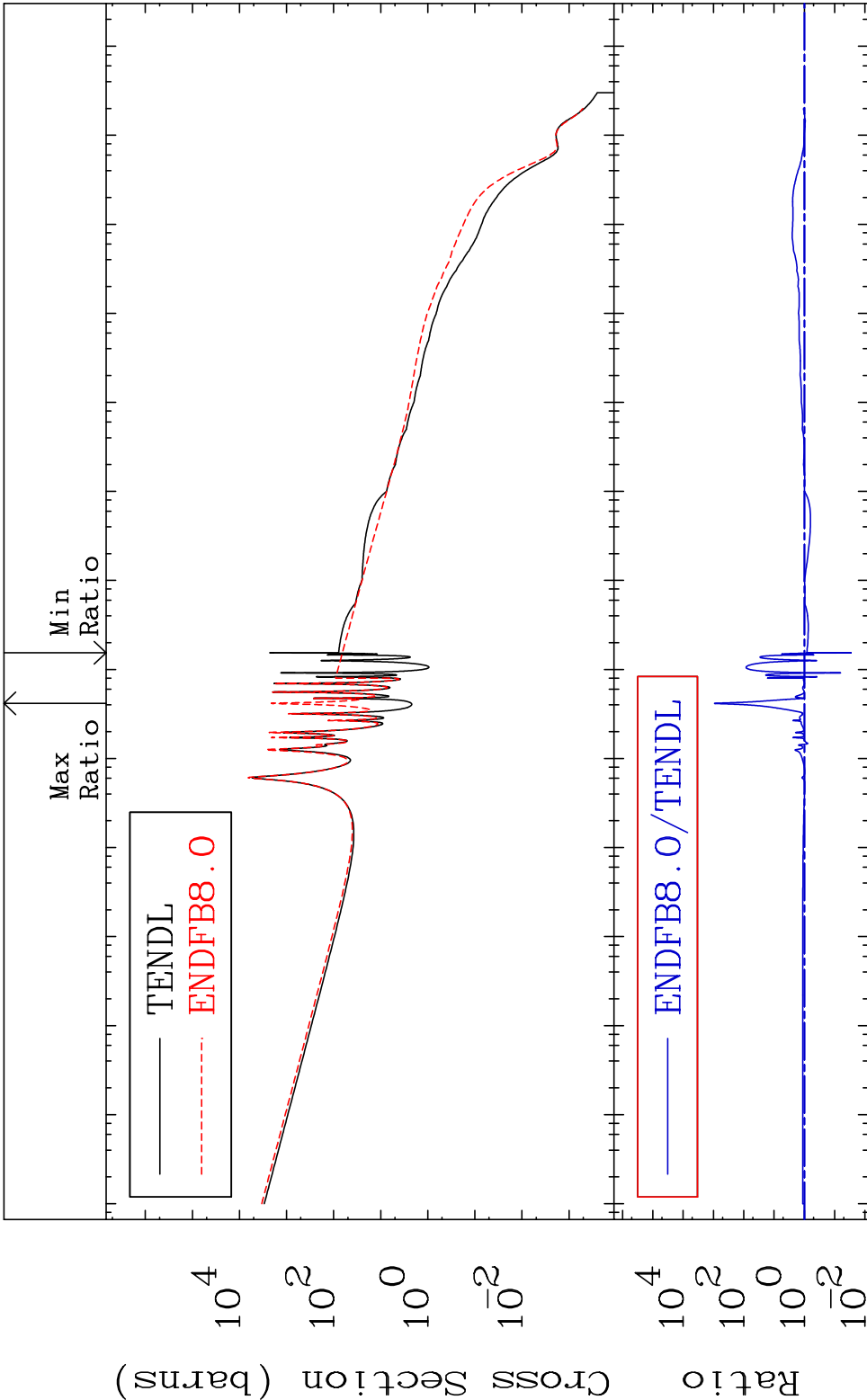


MAT 9031

(n, γ)

90-Th-229

Cross Section -97.14 To 9999. %

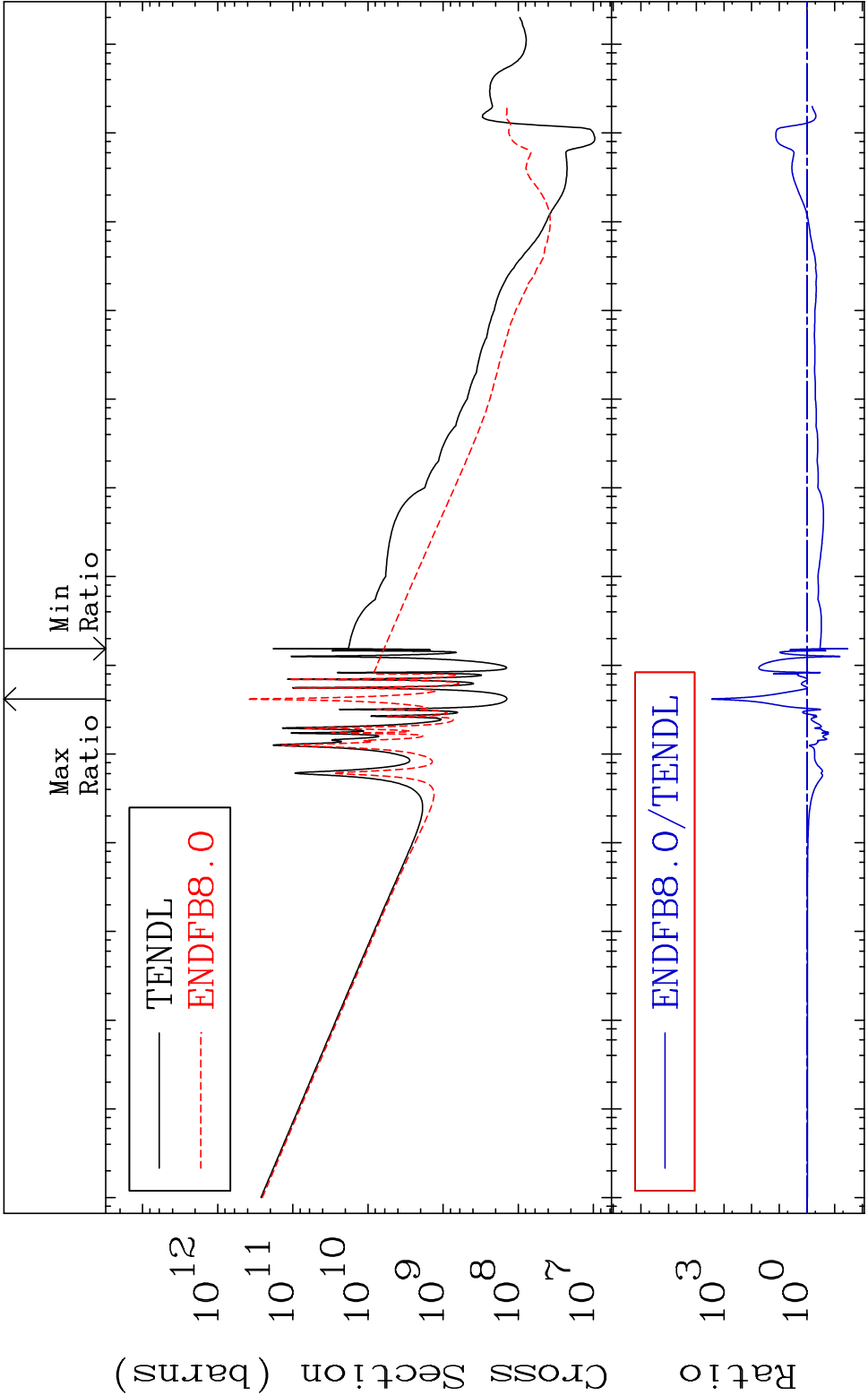


35

Incident Energy (eV)

90-Th-229

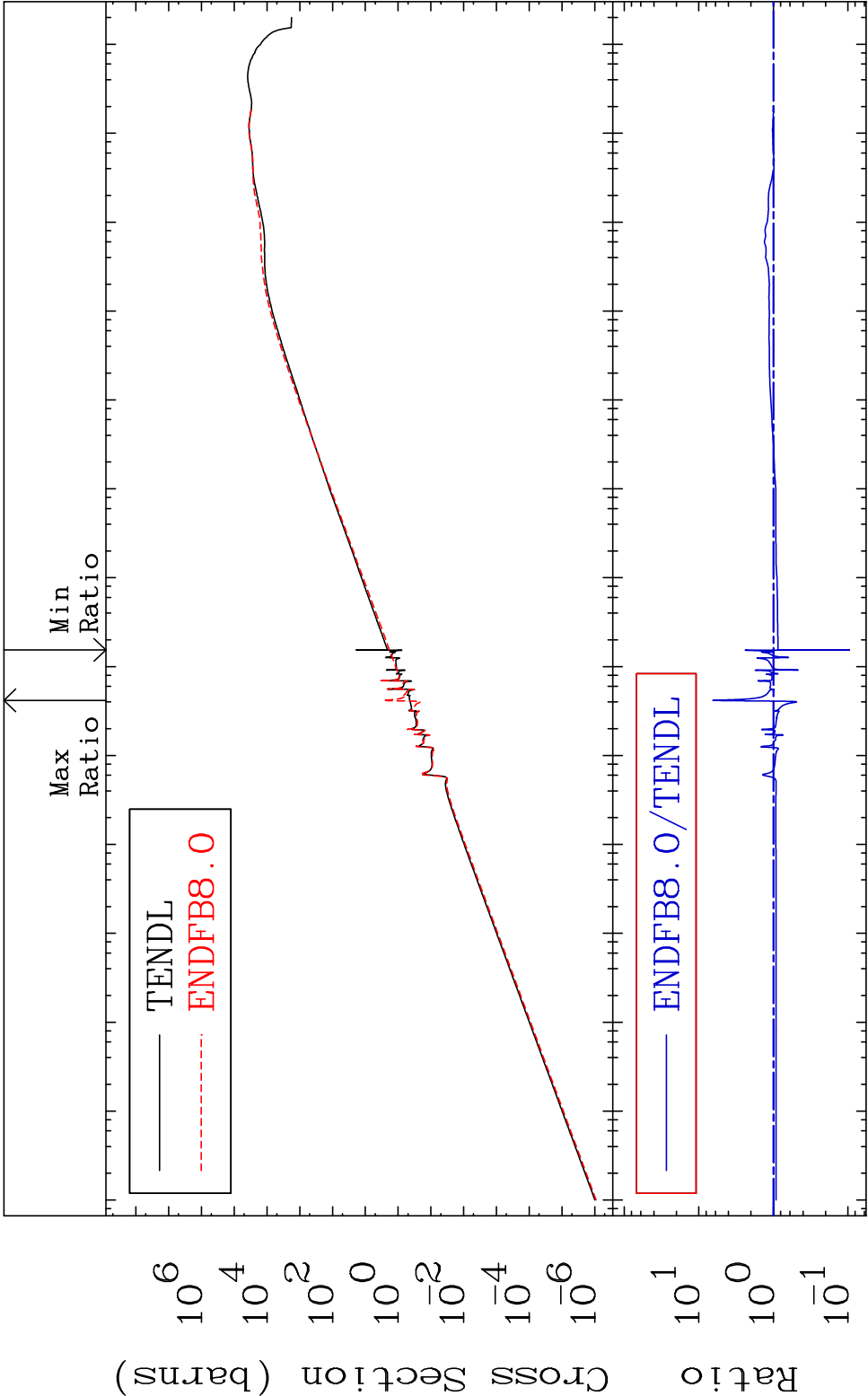
MAT 9031 Kerma total (eV-barns) 90-Th-229
Cross Section -96.65 To 9999. %



MAT 9031

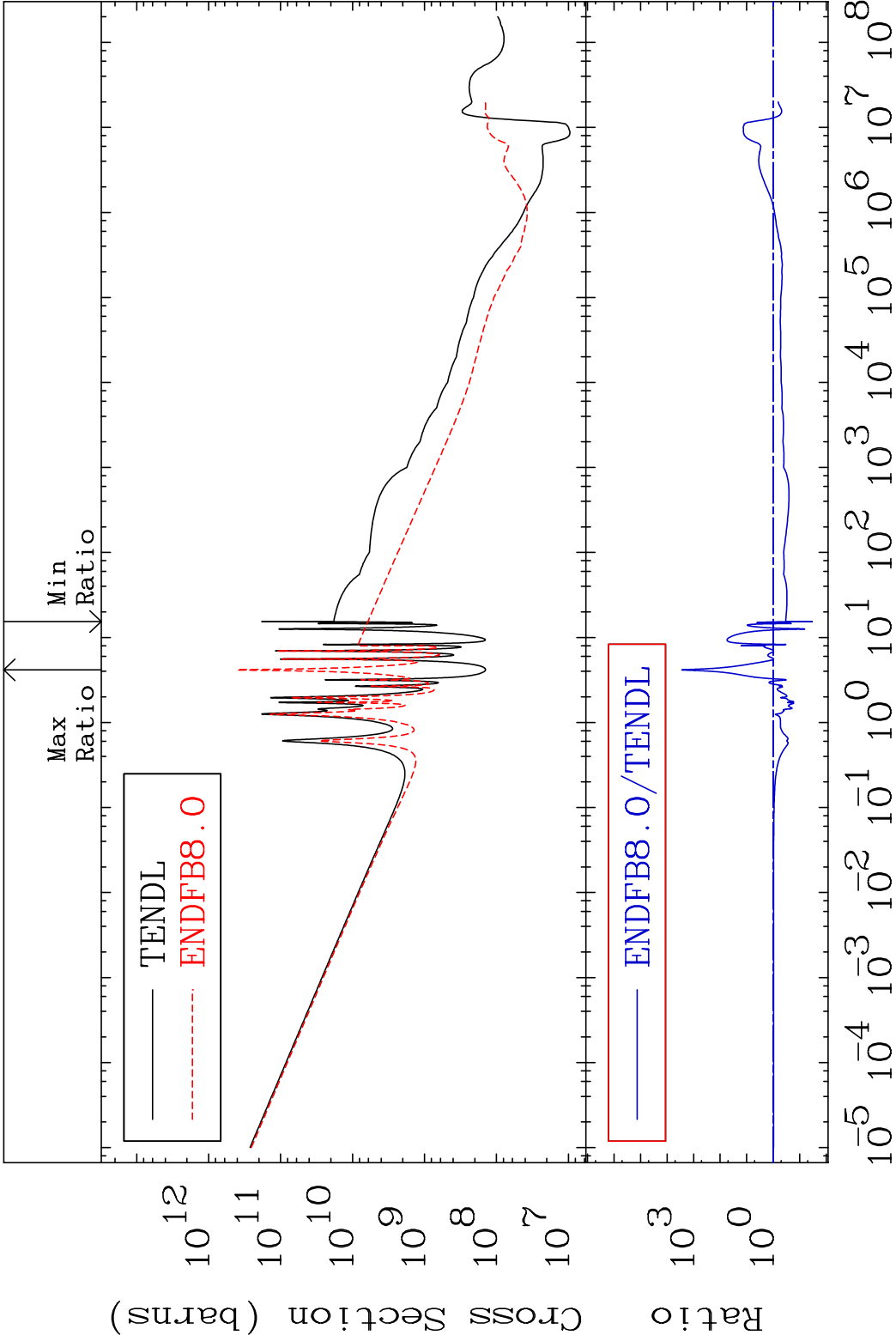
Kerma elastic
Cross Section

90-Th-229
-90.47 To 549.5 %

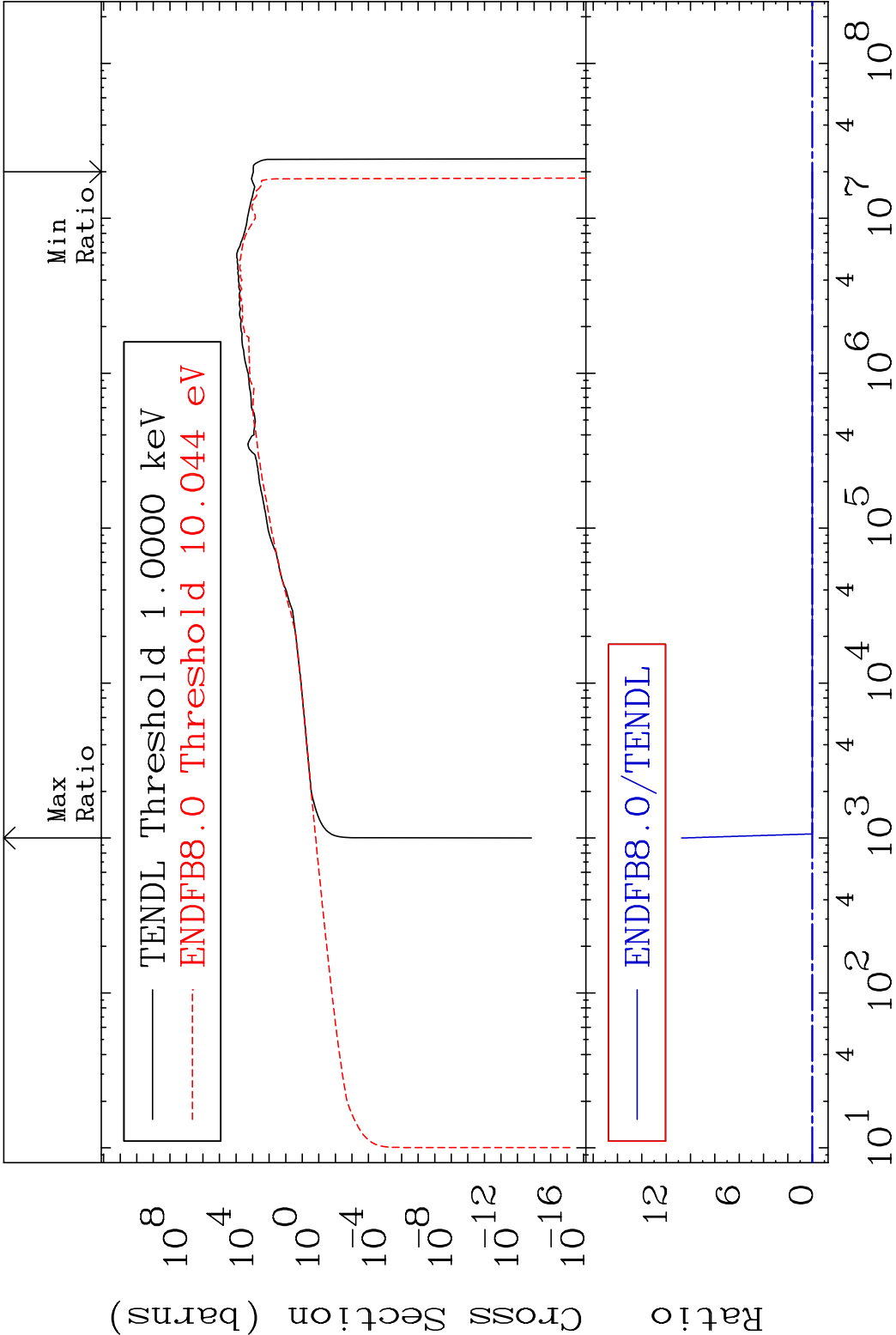


37 Incident Energy (eV) 90-Th-229

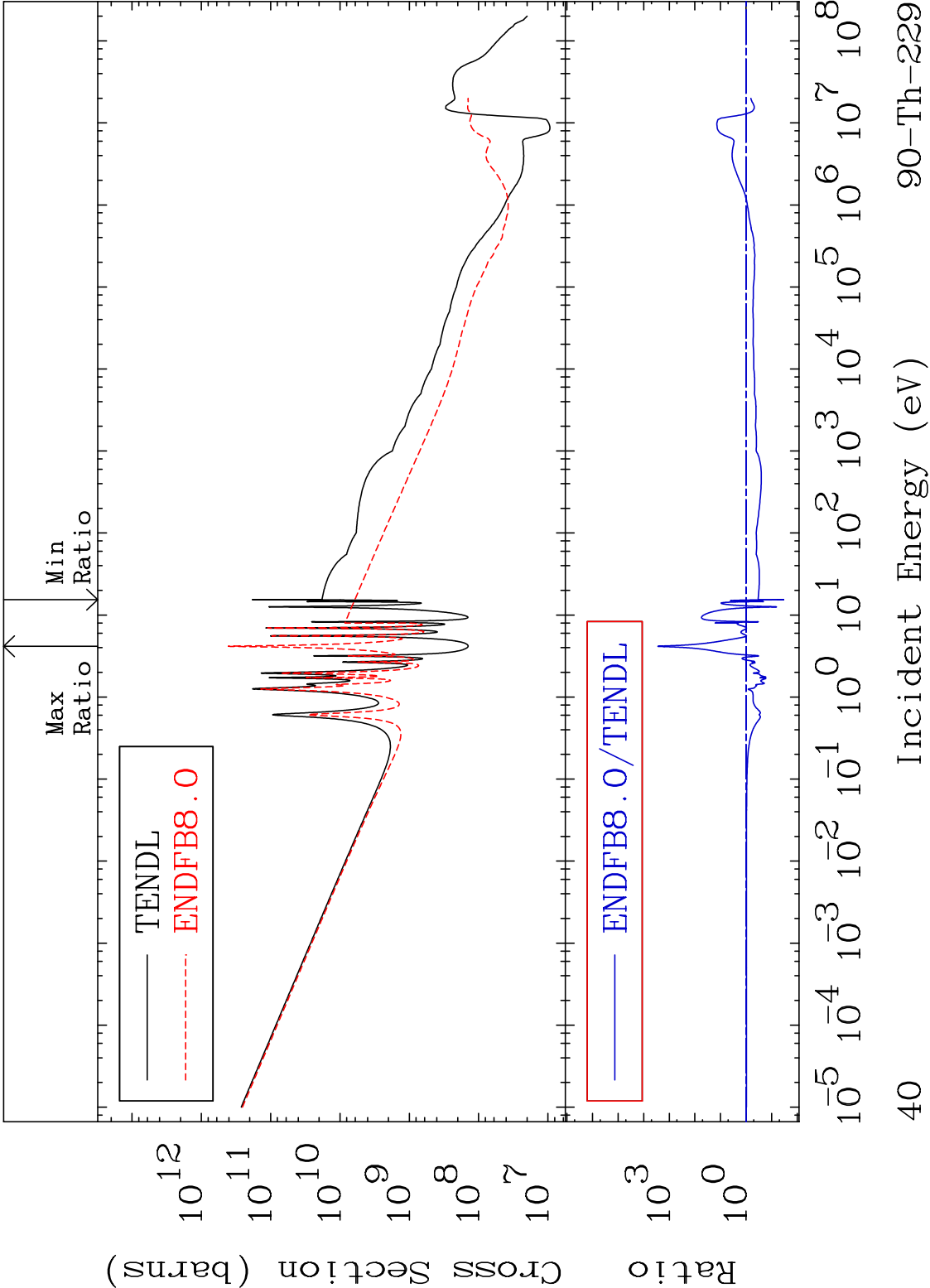
MAT 9031 Kerma non-elastic (all but mt2) 90-Th-229
Cross Section -96.65 To 9999. %



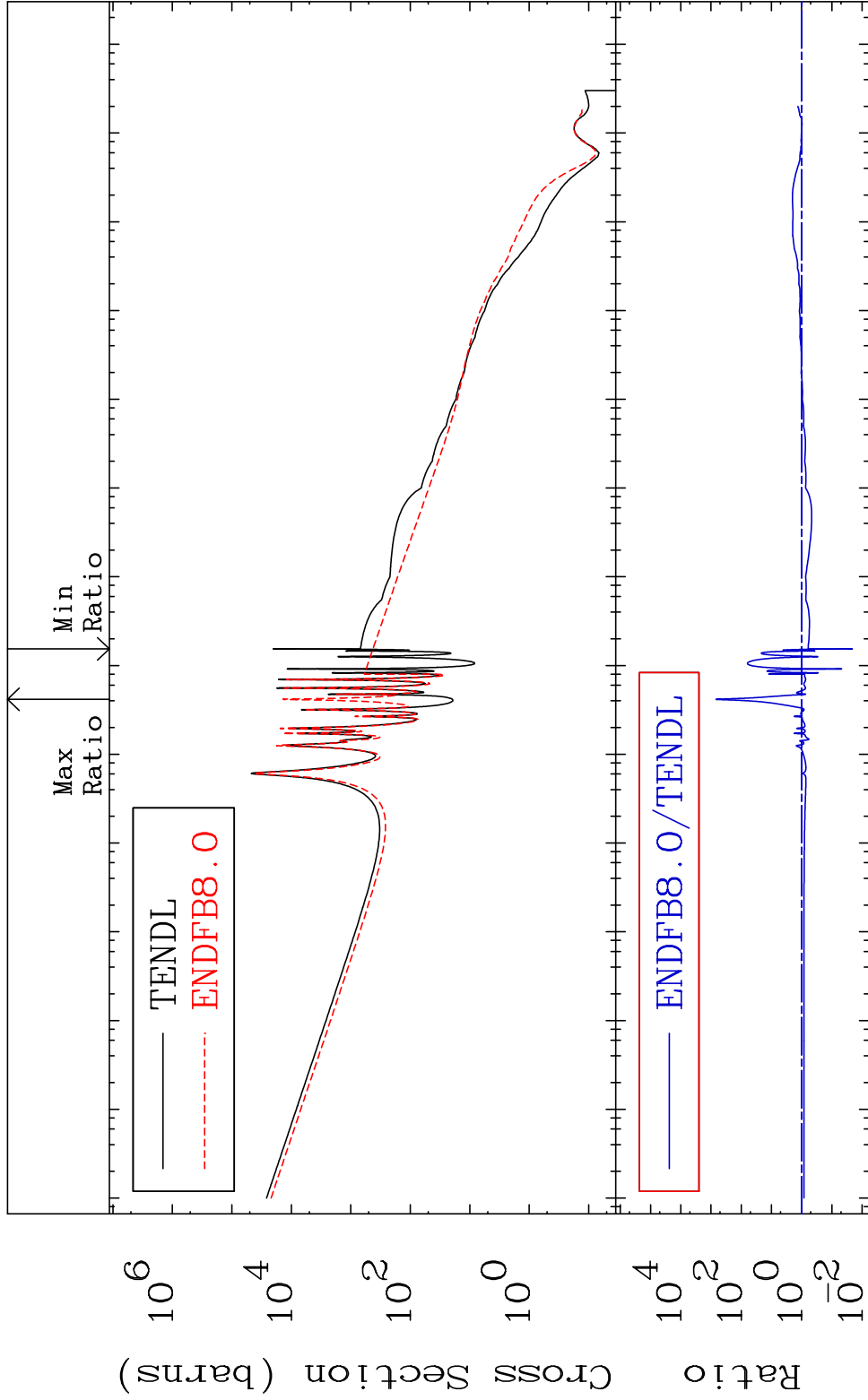
38 Incident Energy (eV) 90-Th-229



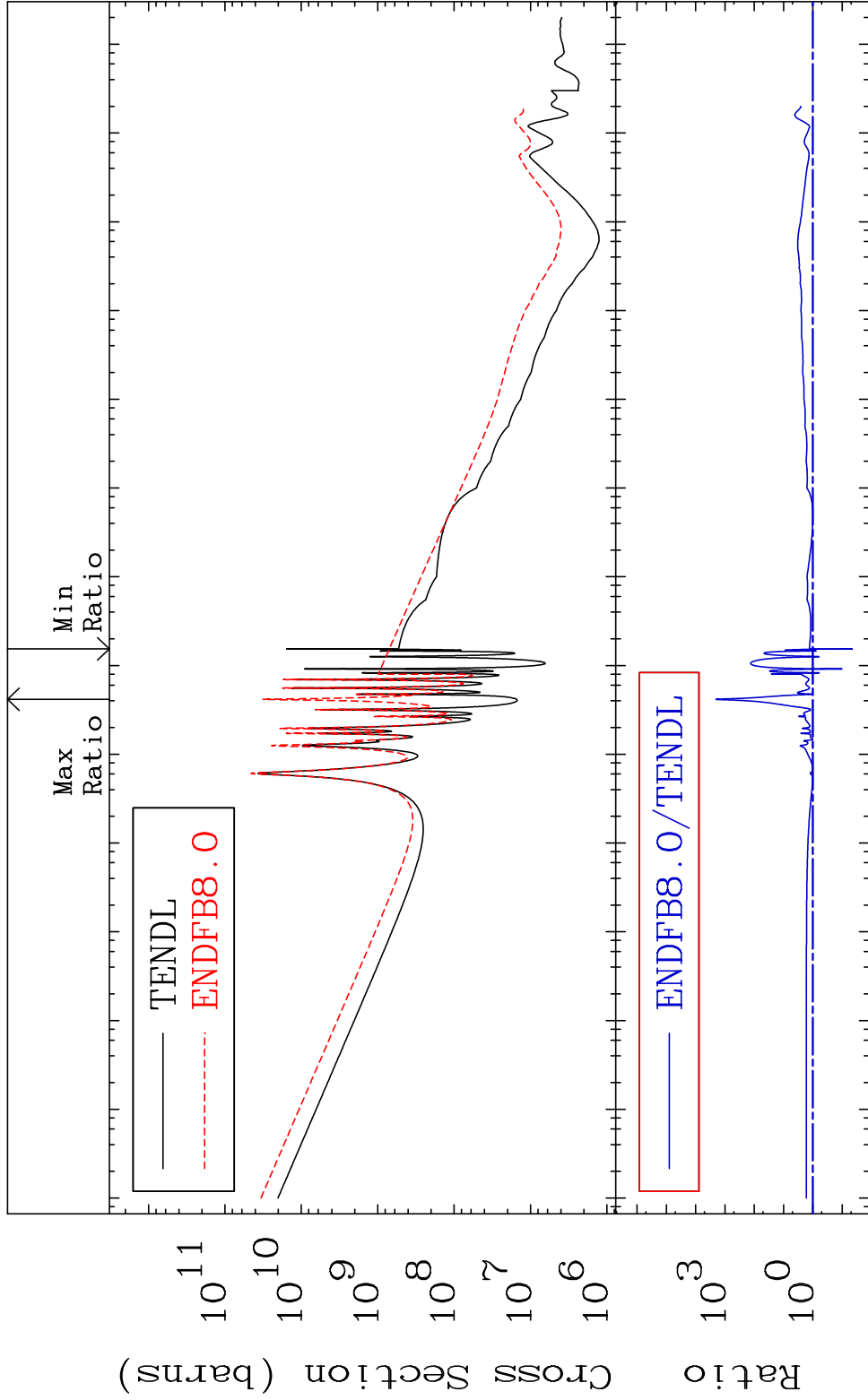
MAT 9031 Kerma fission (mt18 or mt19-20-21-38)90-Th-229
Cross Section -96.65 To 9999. %



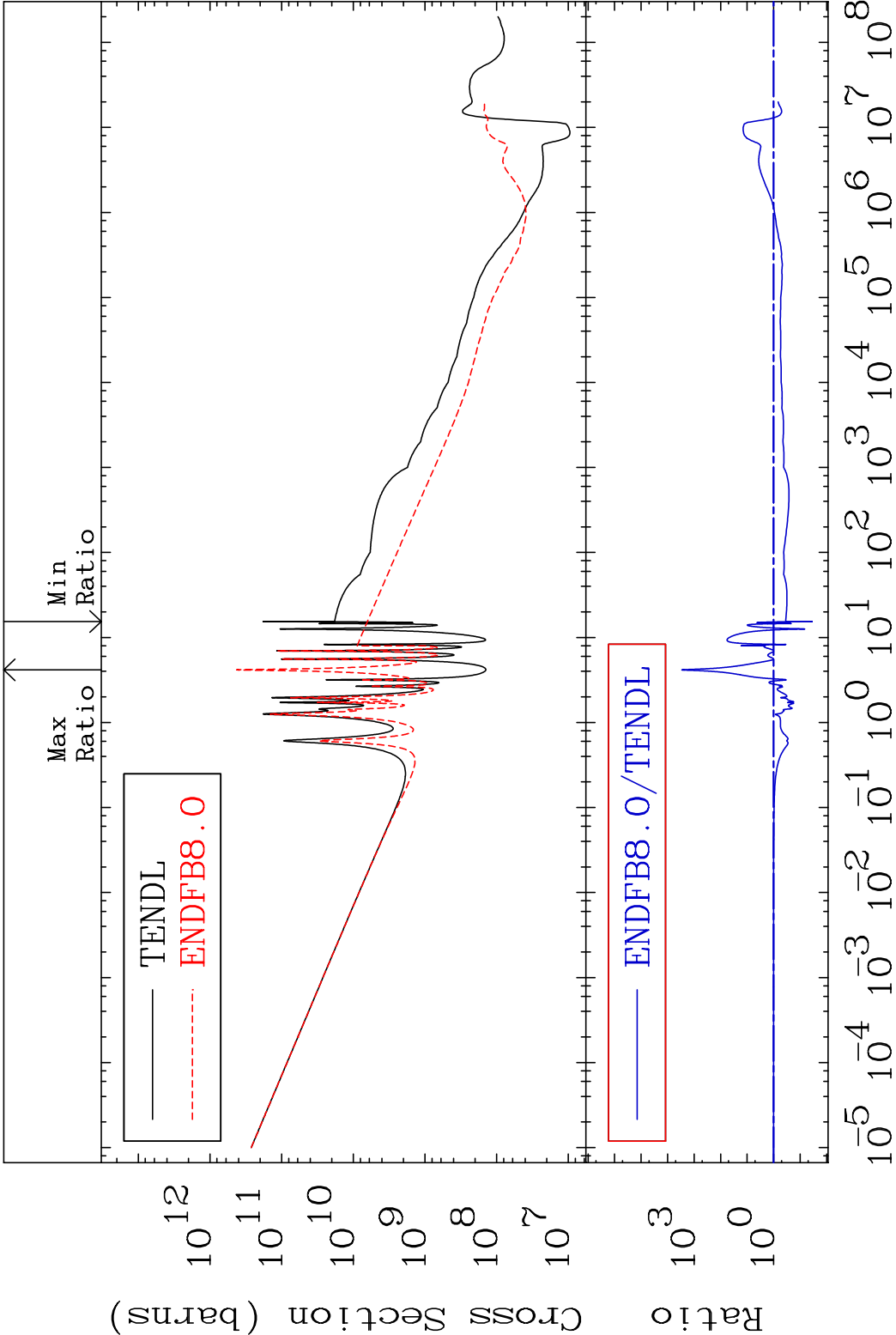
MAT 9031 Kerma capture (mt102) 90-Th-229
Cross Section -97.88 To 9999. %



MAT 9031 Total photon (eV-barns) 90-Th-229
Cross Section -95.46 To 9999. %

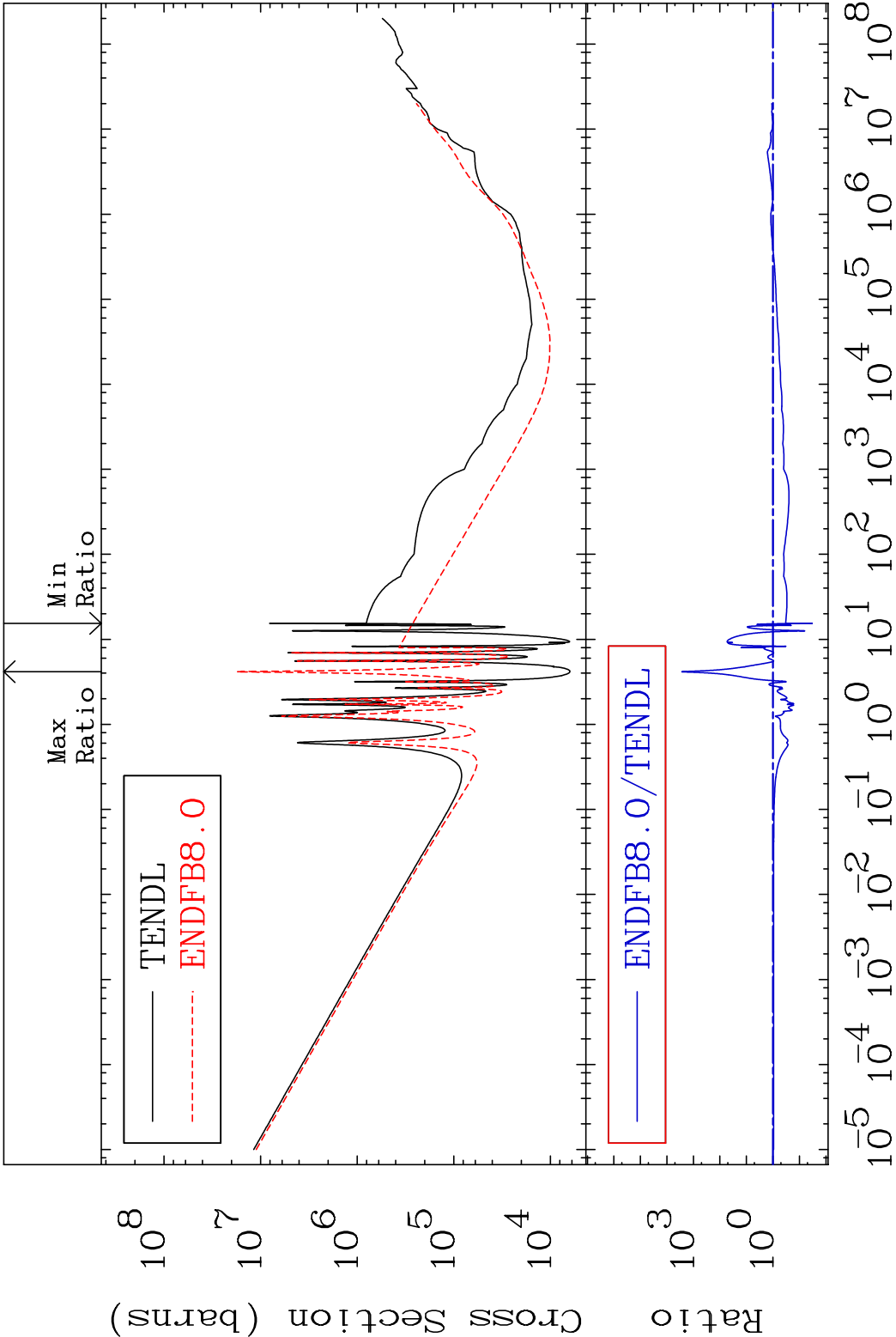


MAT 9031 Total kinematic kerma (high limit) 90-Th-229
Cross Section -96.51 To 9999. %

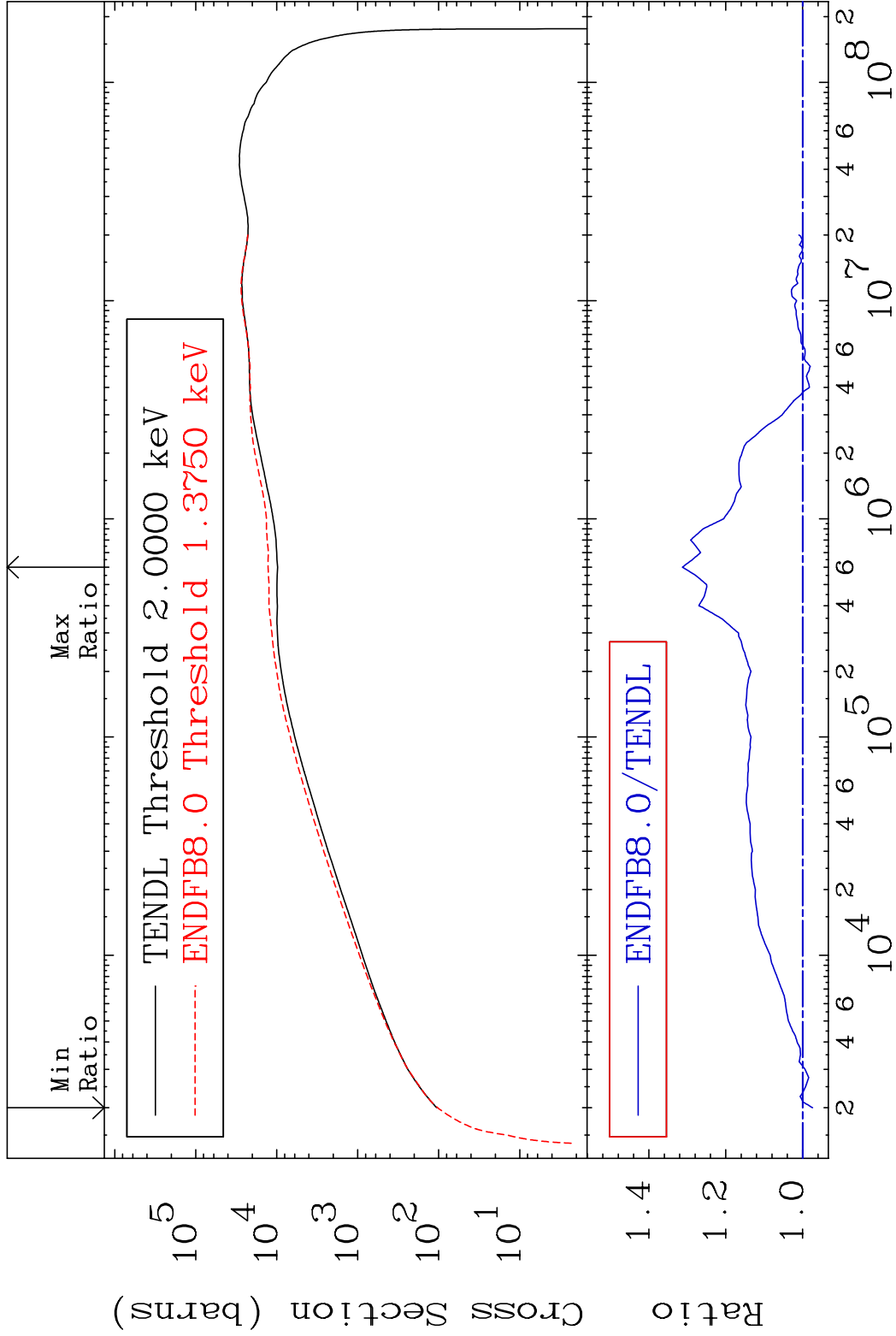


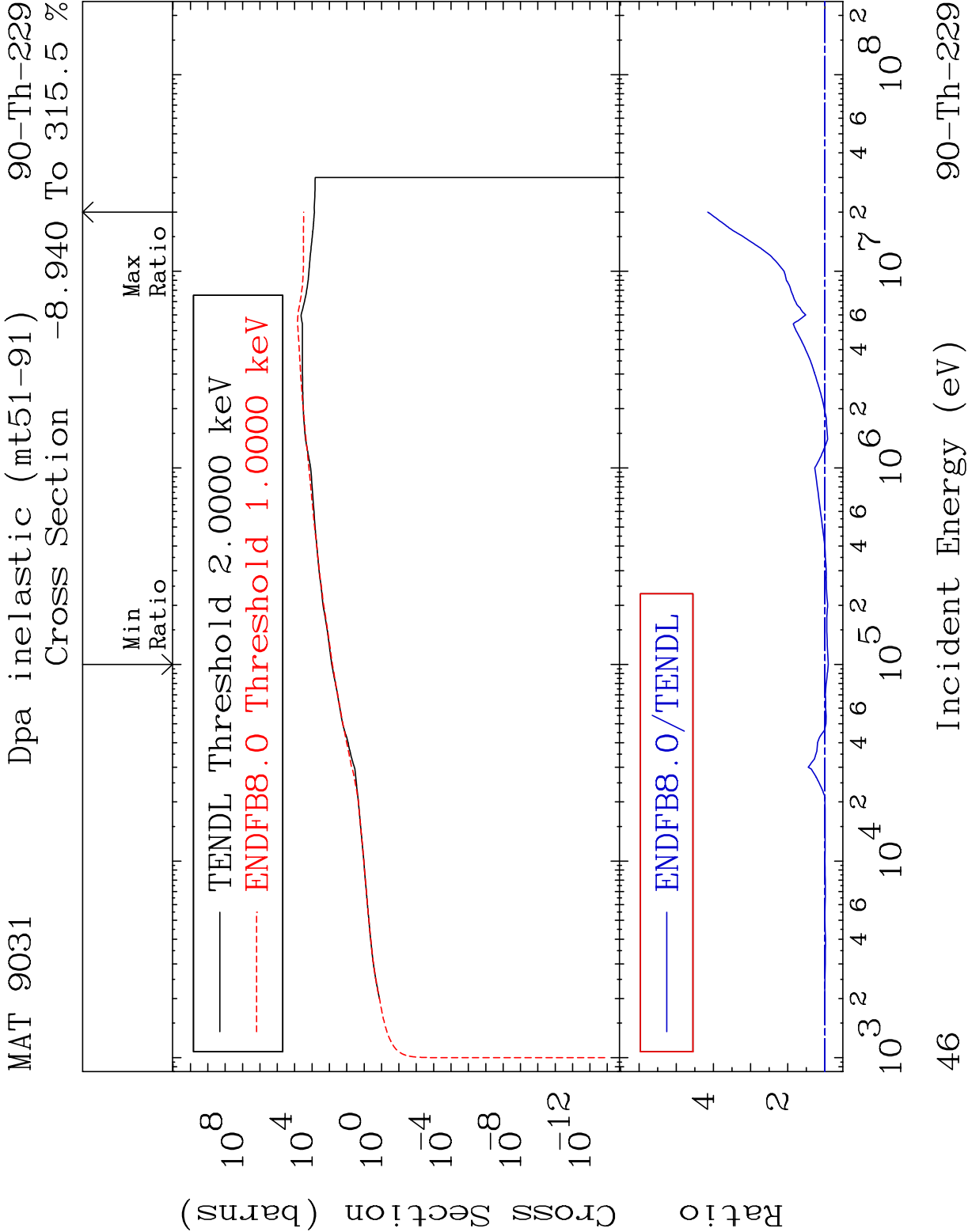
43 Incident Energy (eV) 90-Th-229

MAT 9031	Dpa total (eV-barns)	90-Th-229
	Cross Section	-96.71 To 9999. %



MAT 9031 Dpa elastic (mt2) 90-Th-229
Cross Section -2.577 To 31.31 %





MAT 9031 Dpa disappearance (mt102 -120) 90-Th-229
Cross Section -100.0 To 9999. %

