

Program Complot
(Version 2021-1)

by

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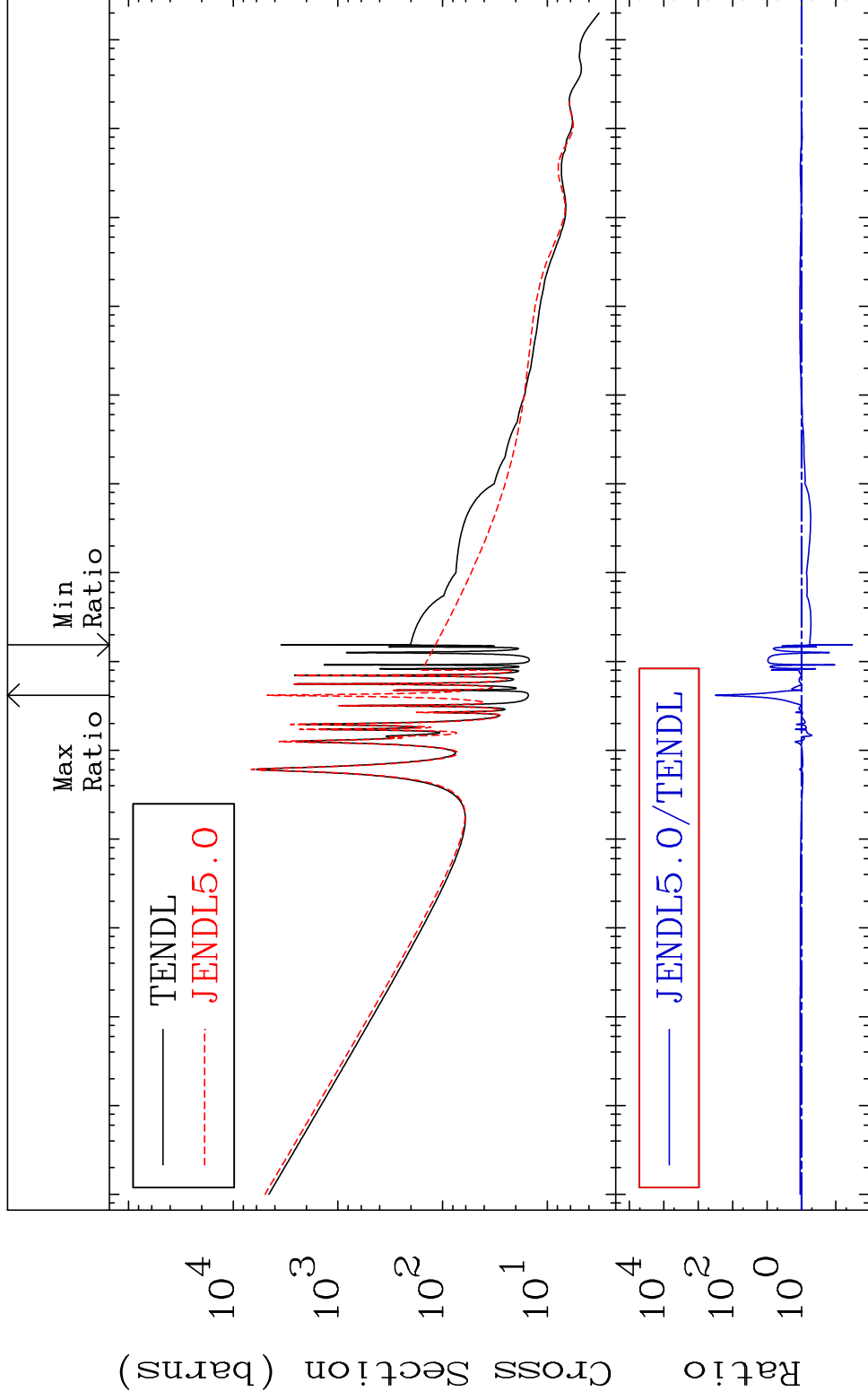
Press Mouse Button to Start

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

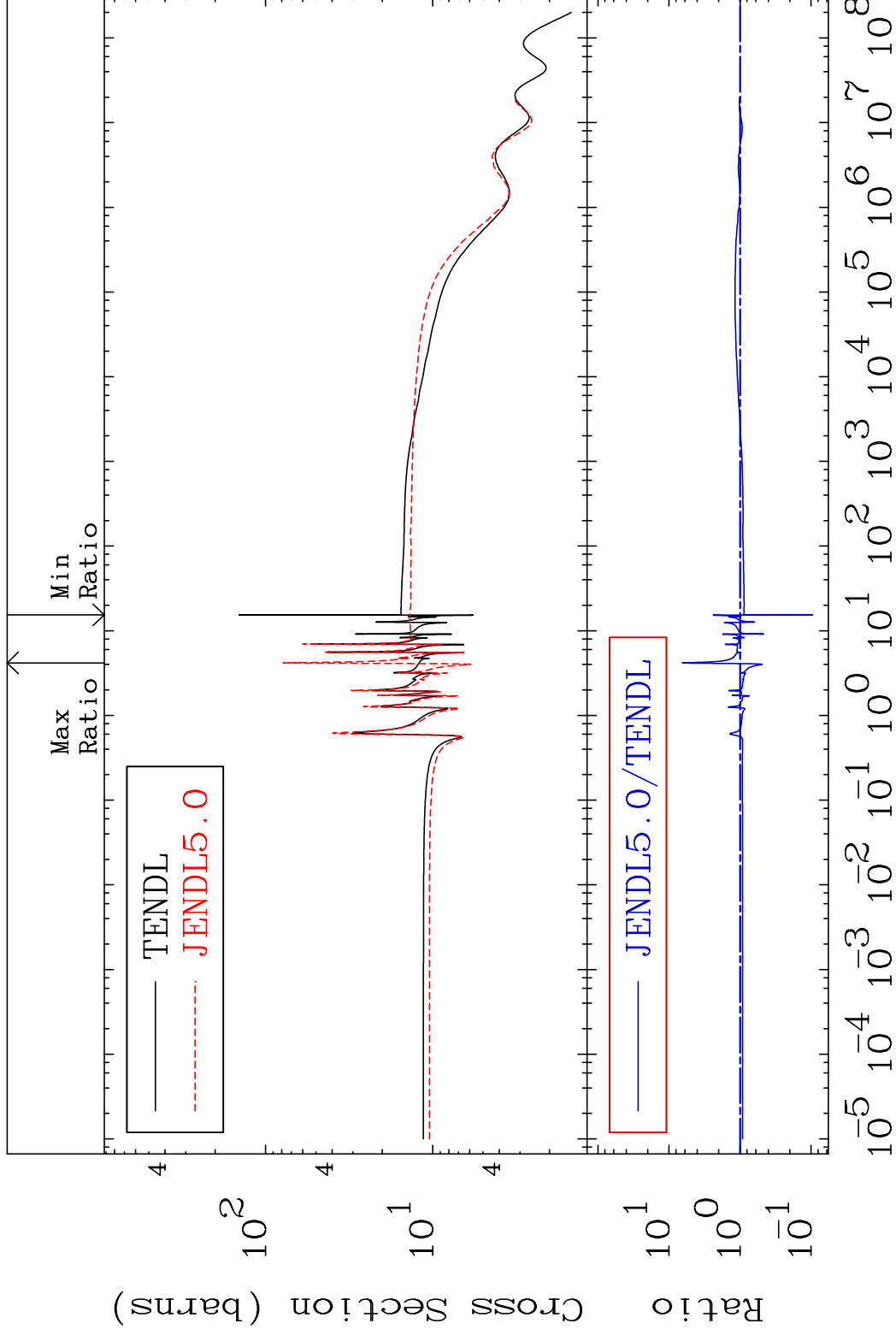
1 Incident Energy (eV) 90-Th-229

MAT 9031

Elastic

90-Th-229

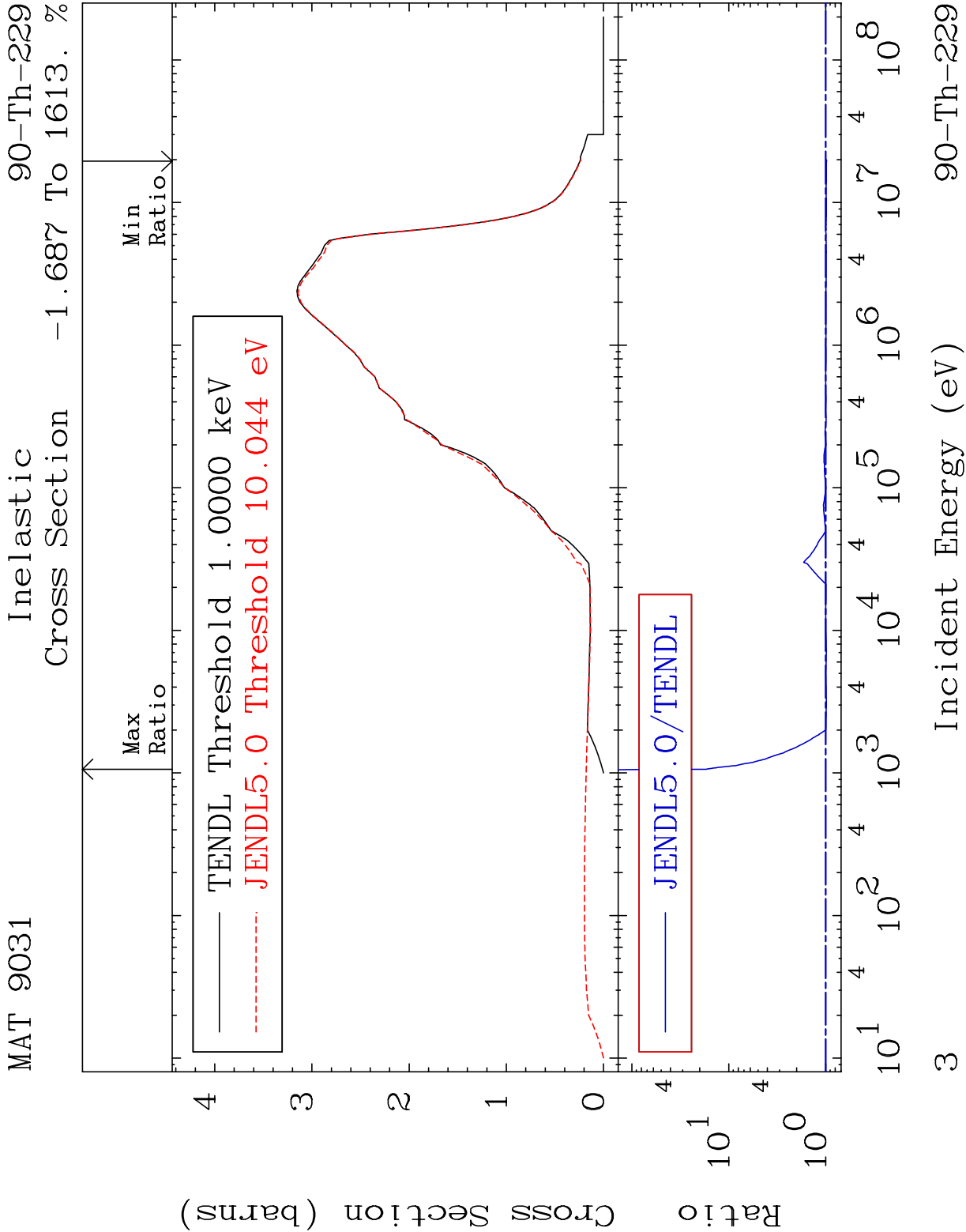
Cross Section -90.47 To 549.5 %

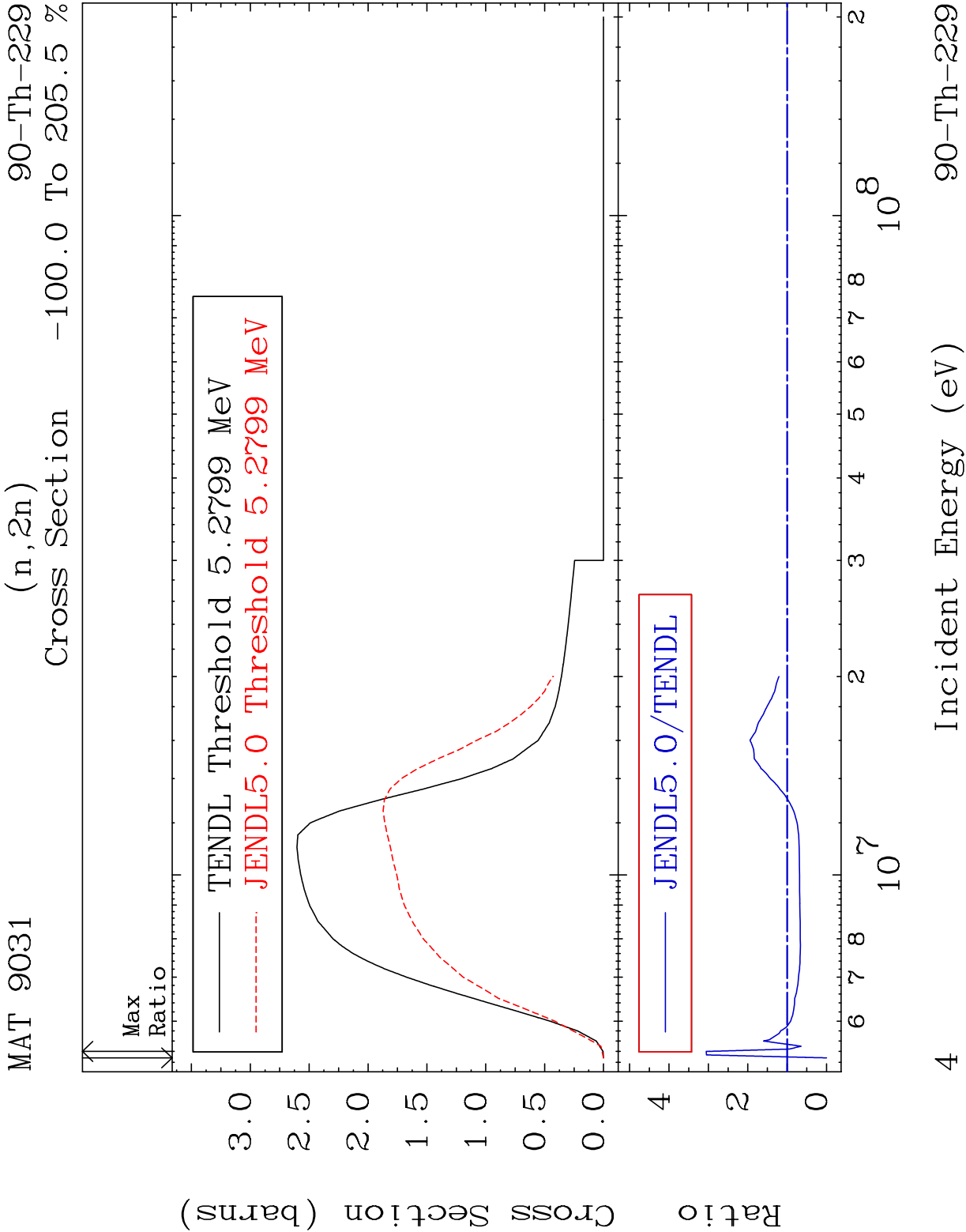


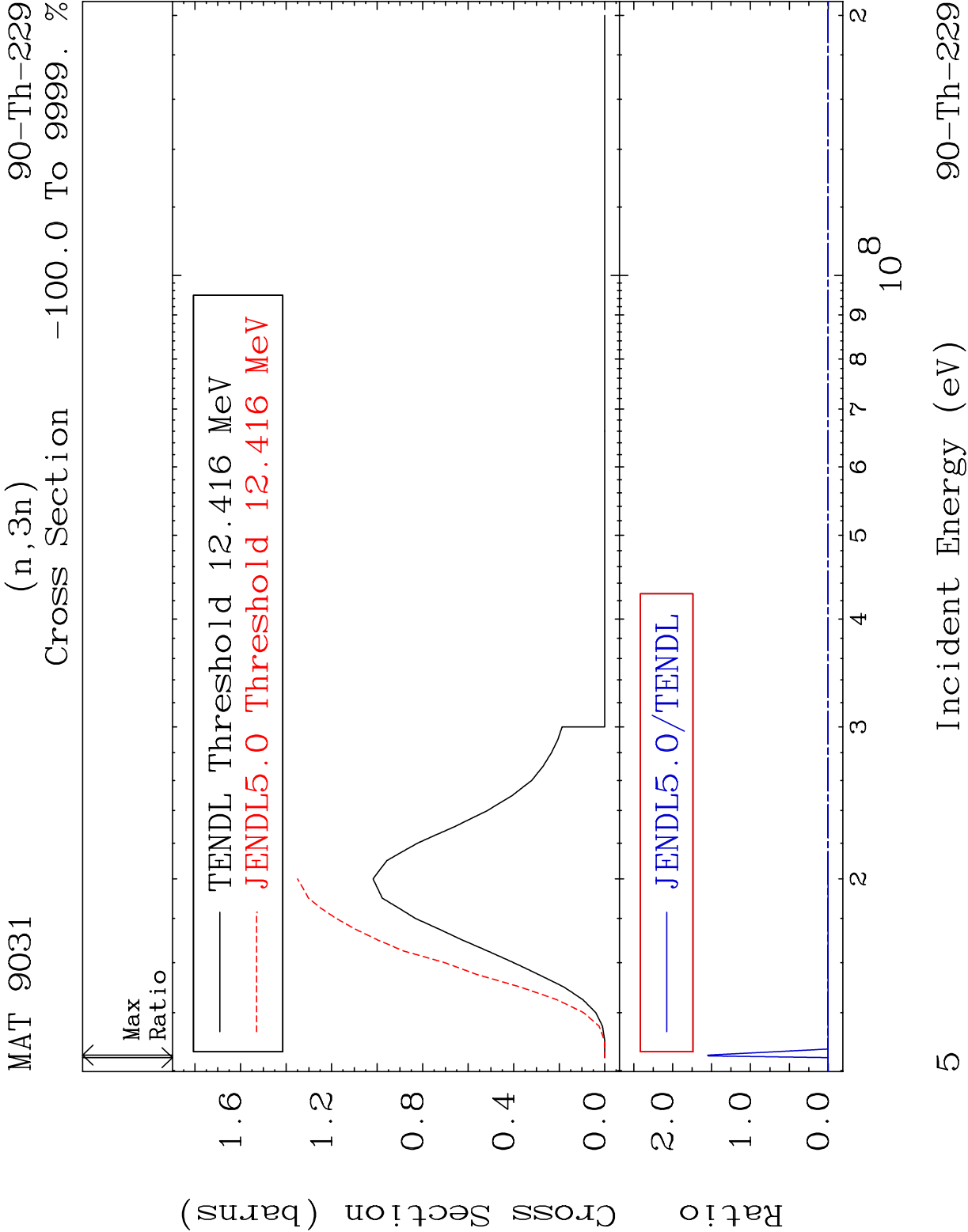
2

Incident Energy (eV)

90-Th-229





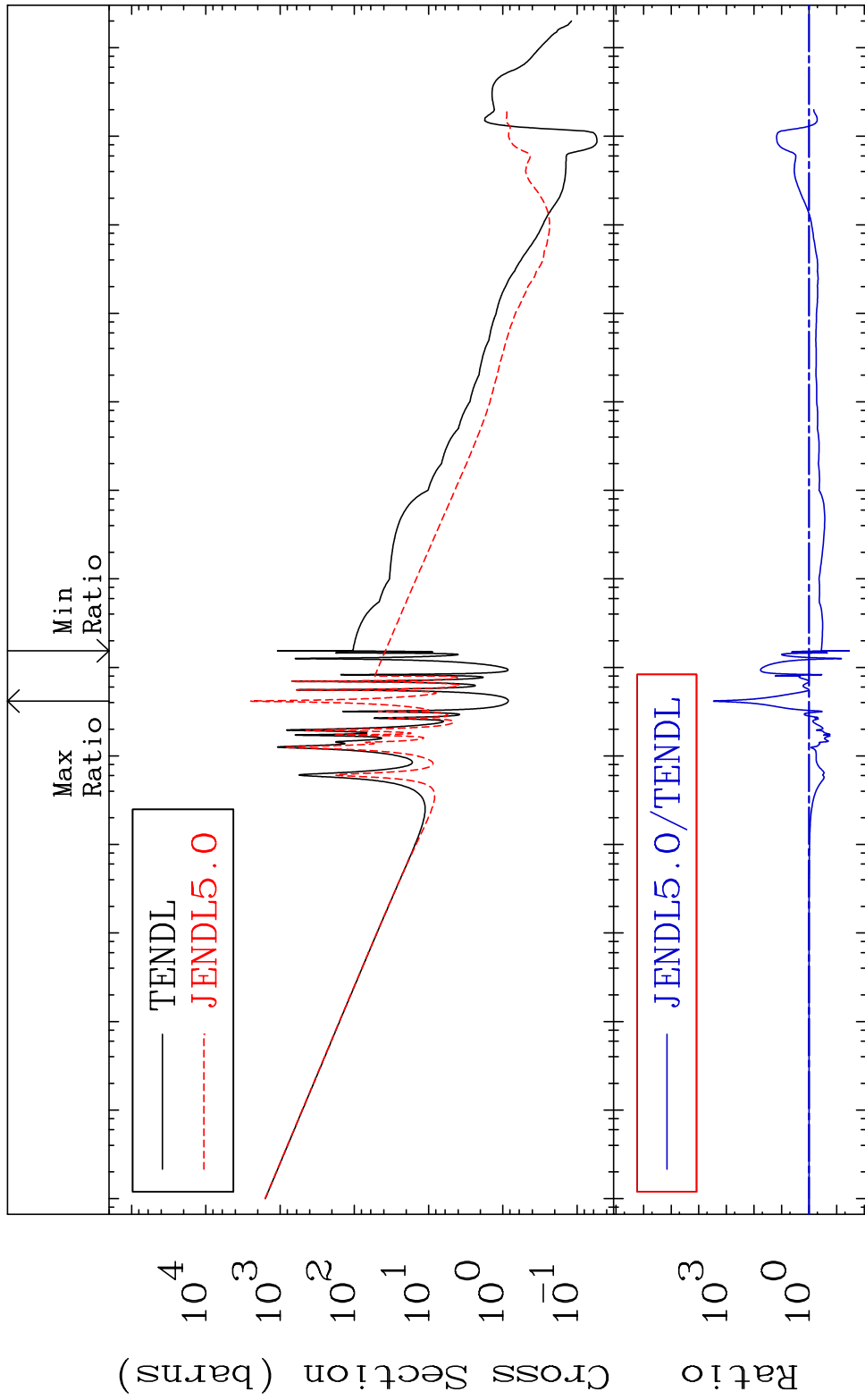


MAT 9031

Fission

90-Th-229

Cross Section -96.48 To 9999. %

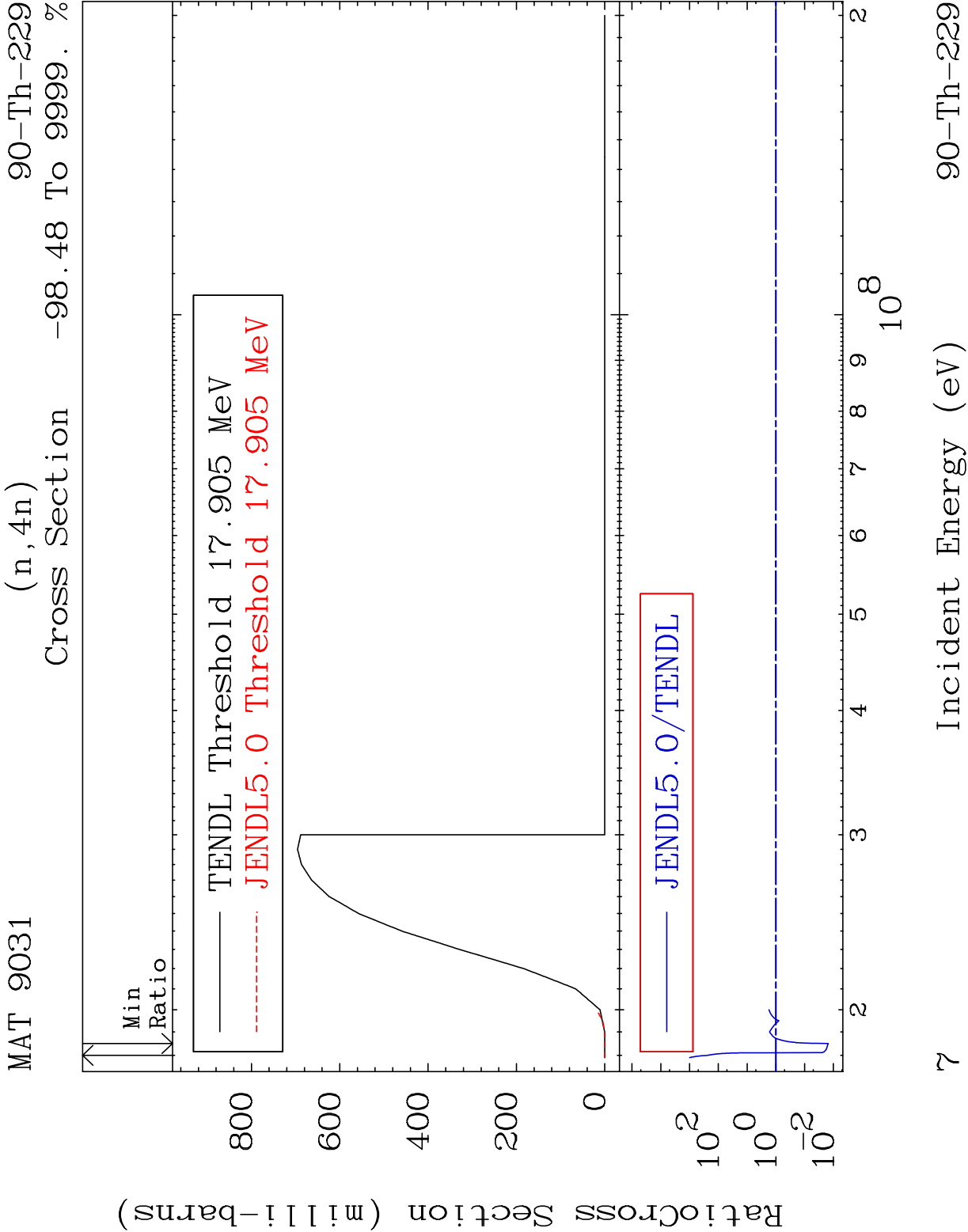


10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

6

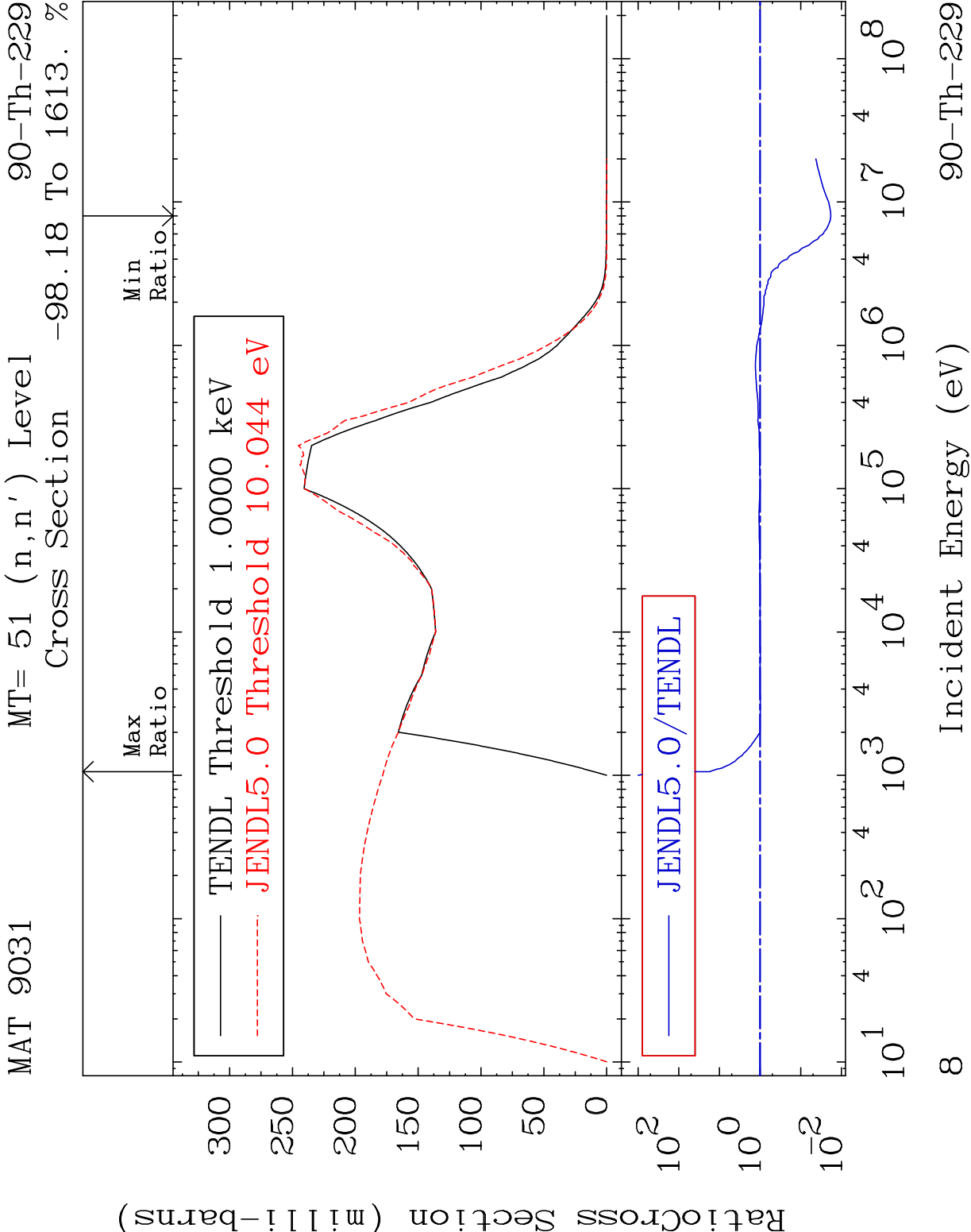
Incident Energy (eV)

90-Th-229

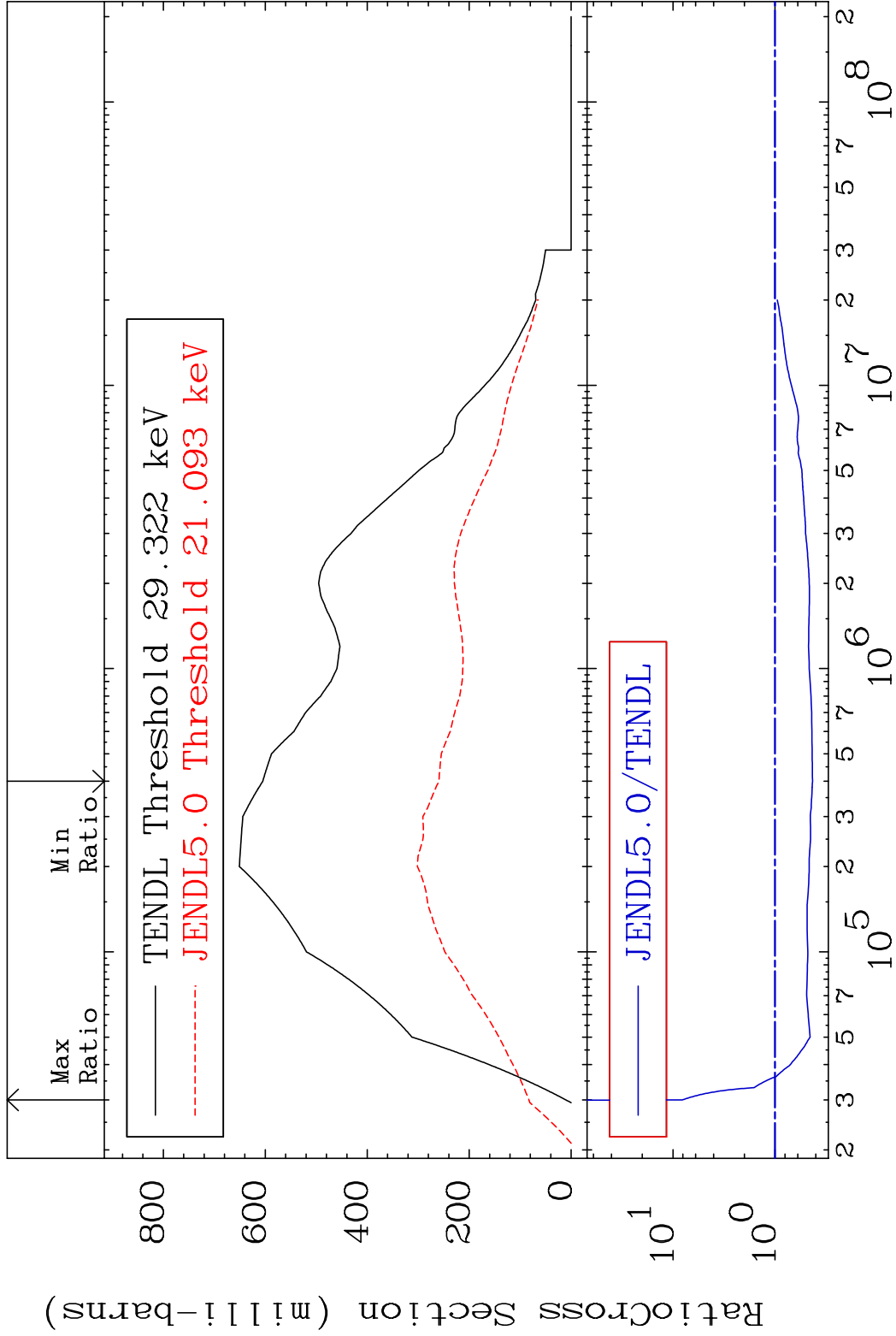


7

90-Th-229



MAT 9031 MT= 52 (n,n') Level 90-Th-229
Cross Section -57.07 To 709.1 %

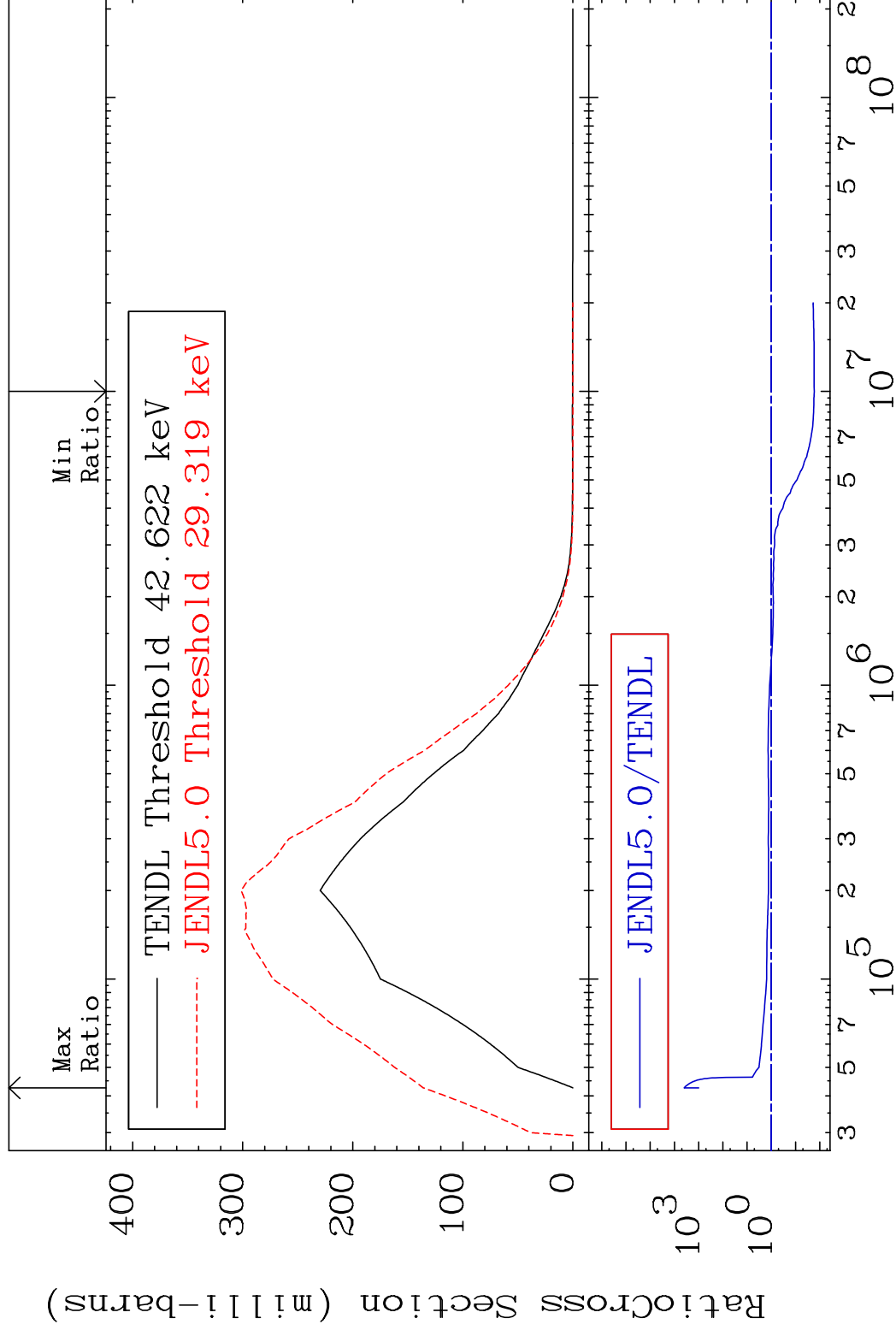


MAT 9031

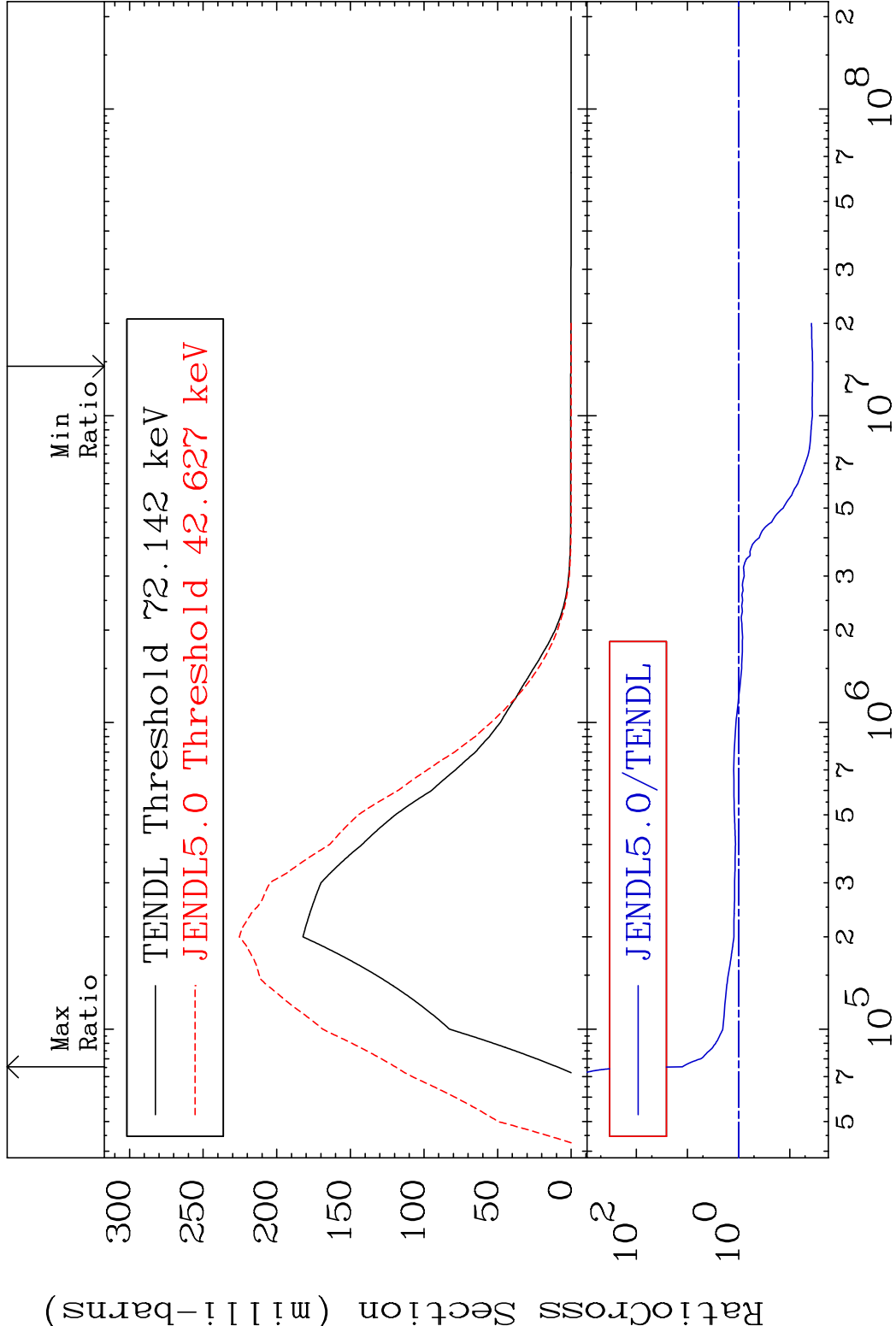
MT= 53 (n, n') Level

90-Th-229

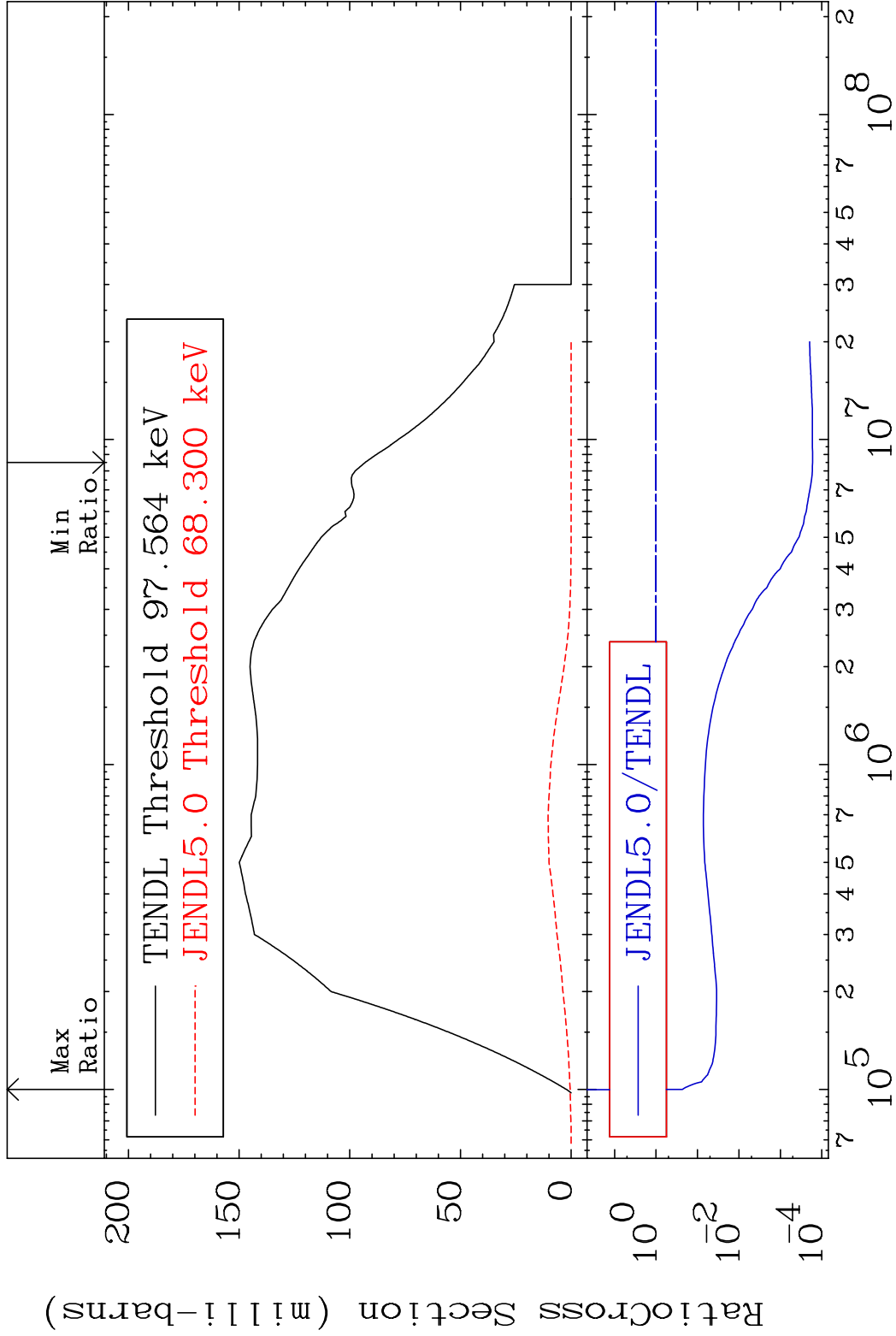
Cross Section -98.31 To 9999. %



MAT 9031 MT= 54 (n,n') Level 90-Th-229
Cross Section -96.42 To 1162. %

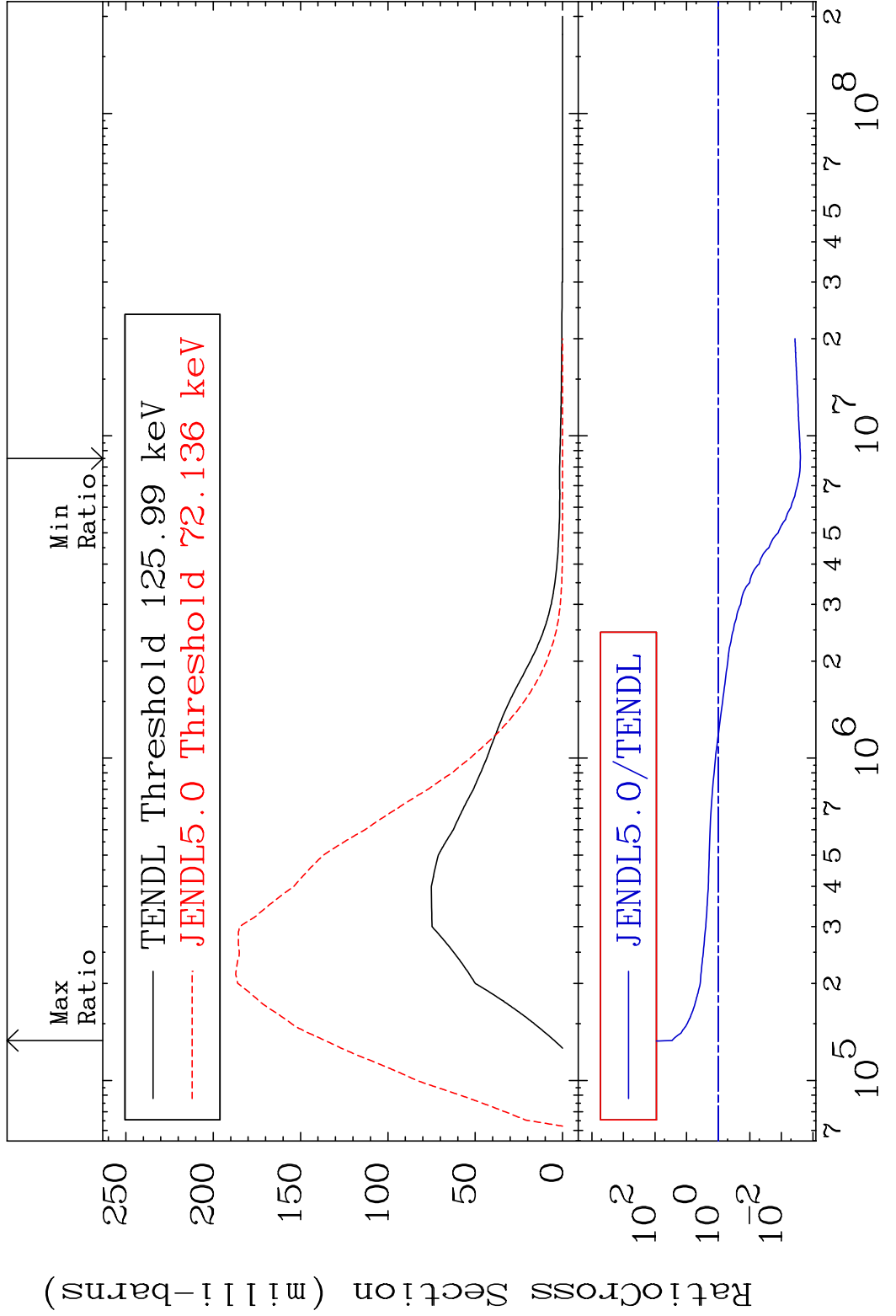


MAT 9031 MT= 55 (n,n') Level 90-Th-229
Cross Section -99.98 To -76.82%



12 Incident Energy (eV) 90-Th-229

MAT 9031 MT= 56 (n,n') Level 90-Th-229
Cross Section -99.75 To 2779. %



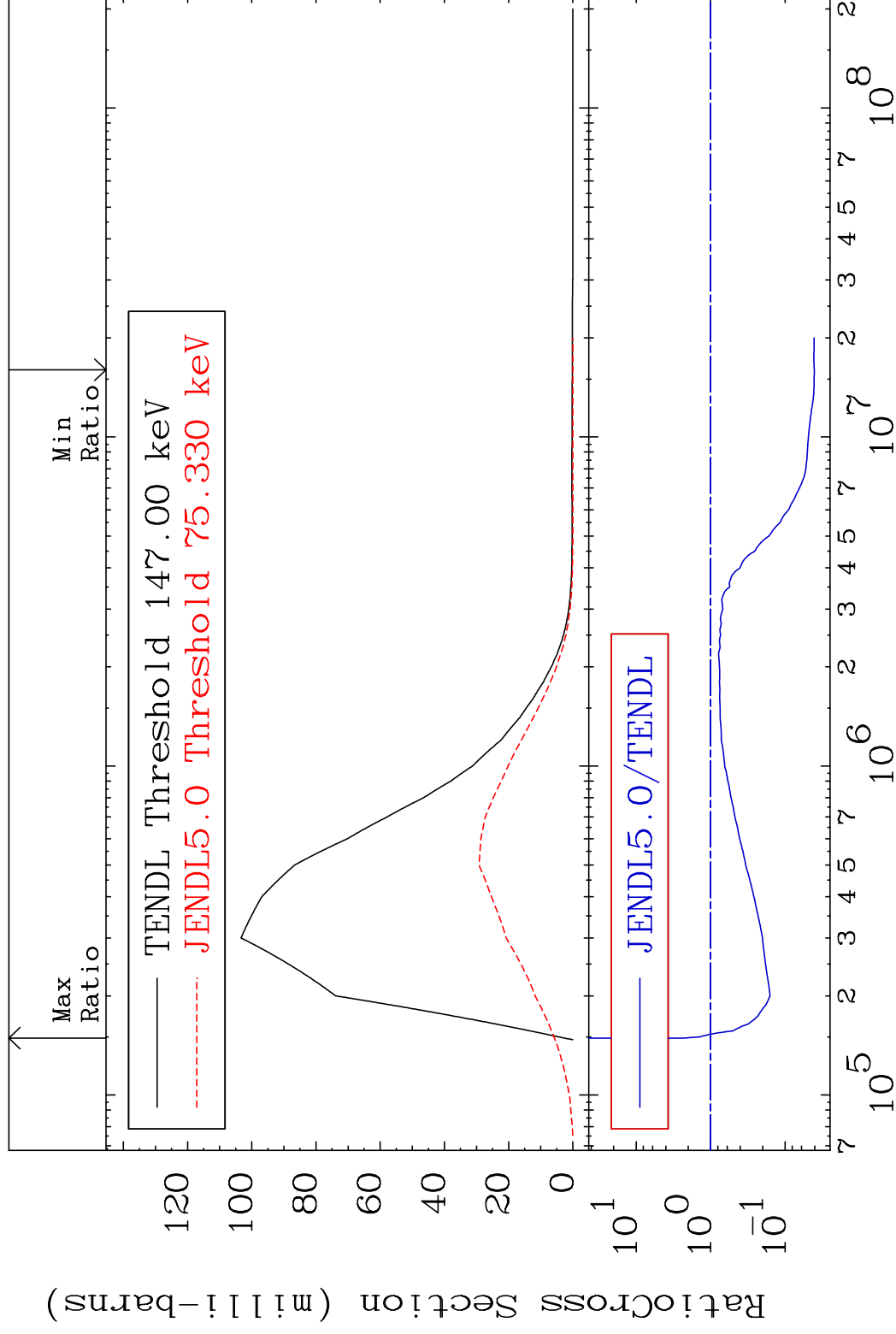
13 Incident Energy (eV) 90-Th-229

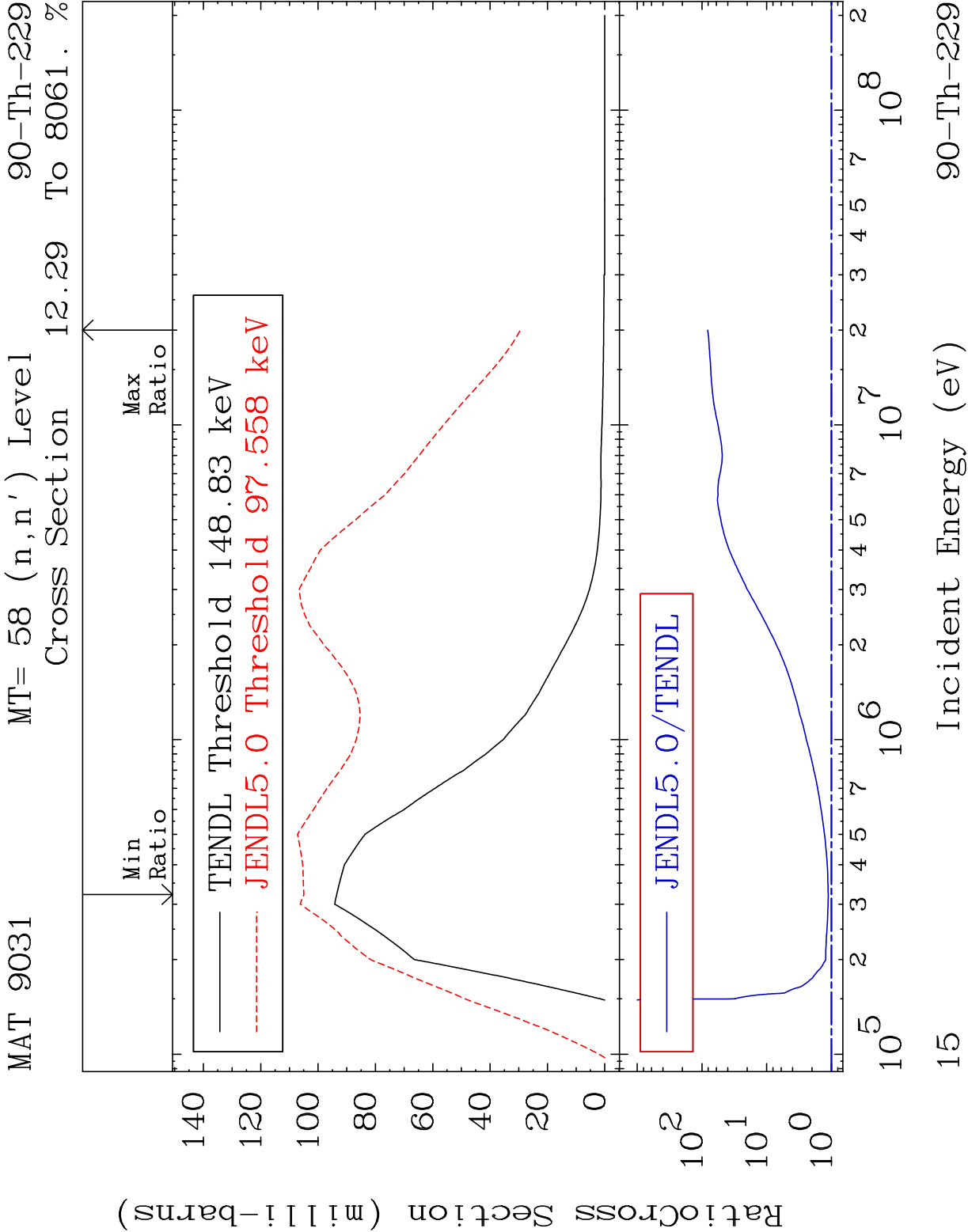
MAT 9031

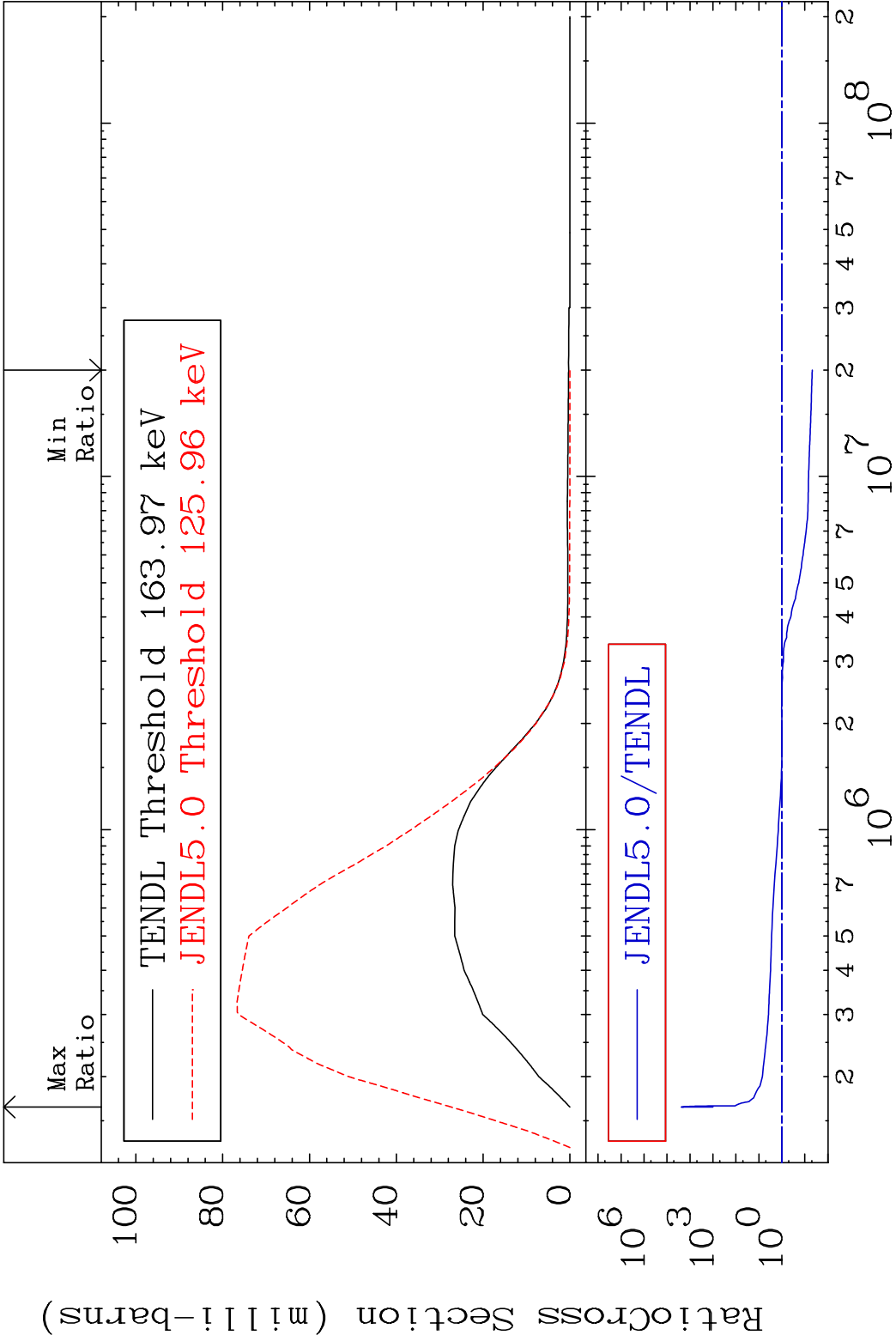
MT= 57 (n, n') Level

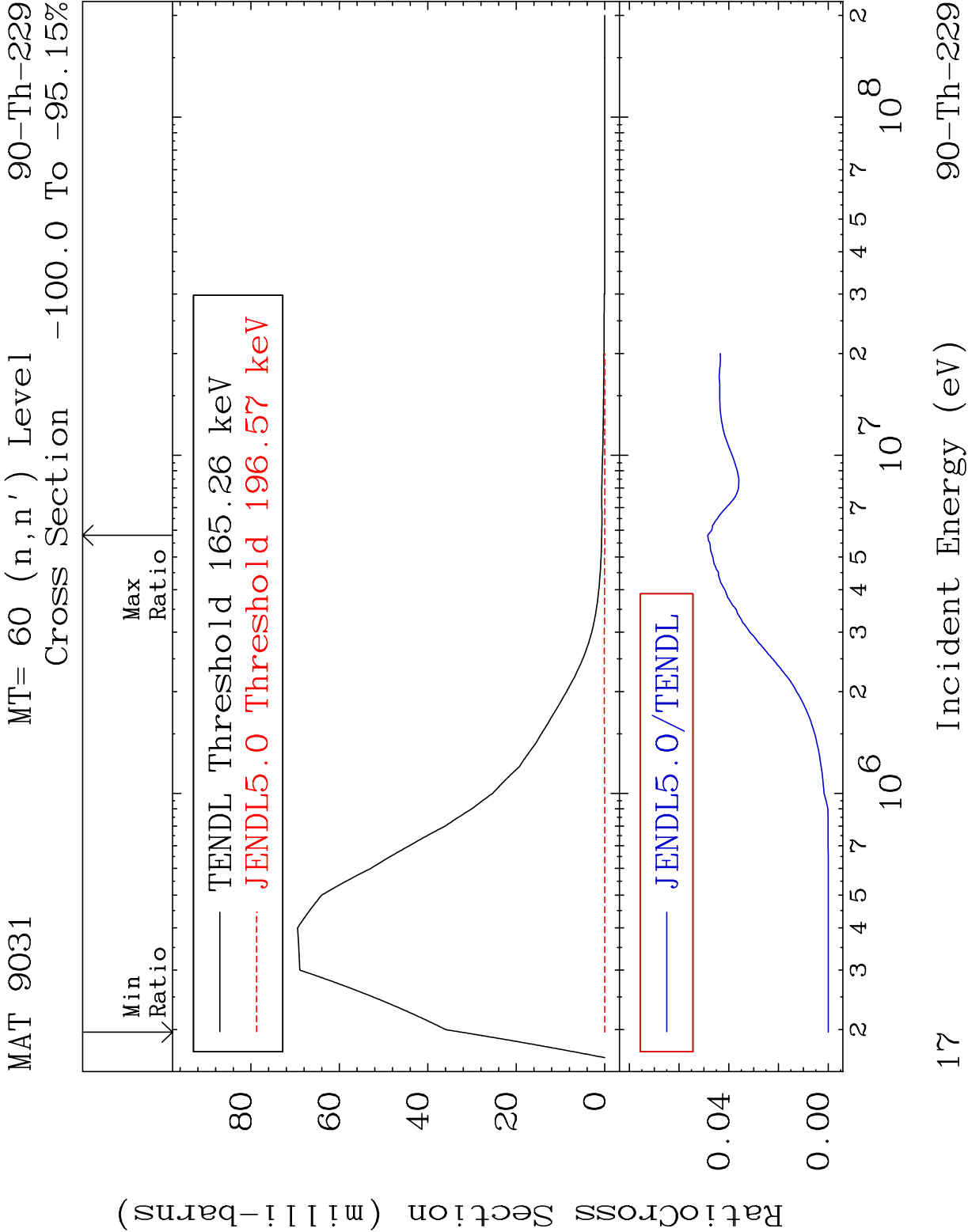
90-Th-229

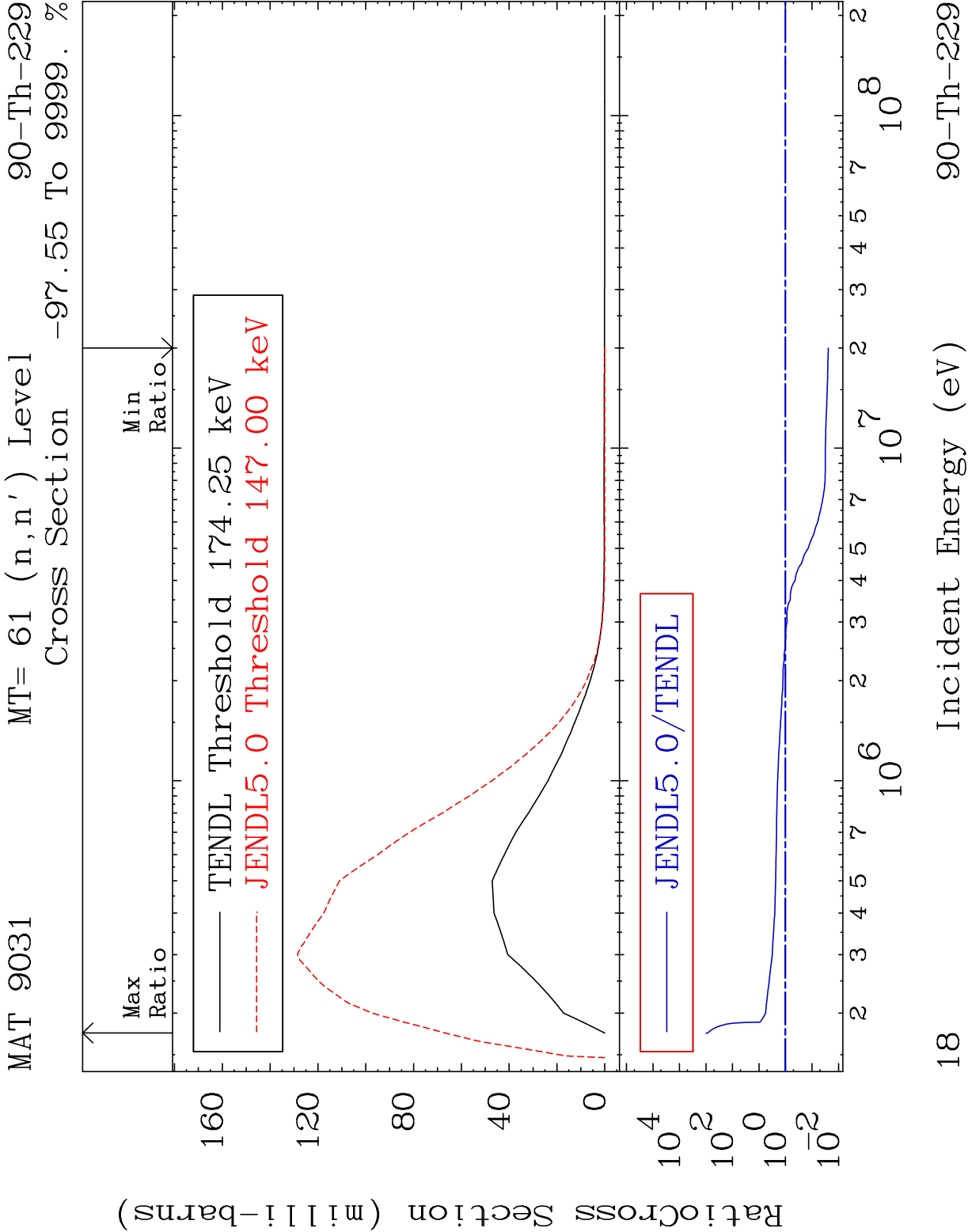
Cross Section	-95.94 To 127.3 %
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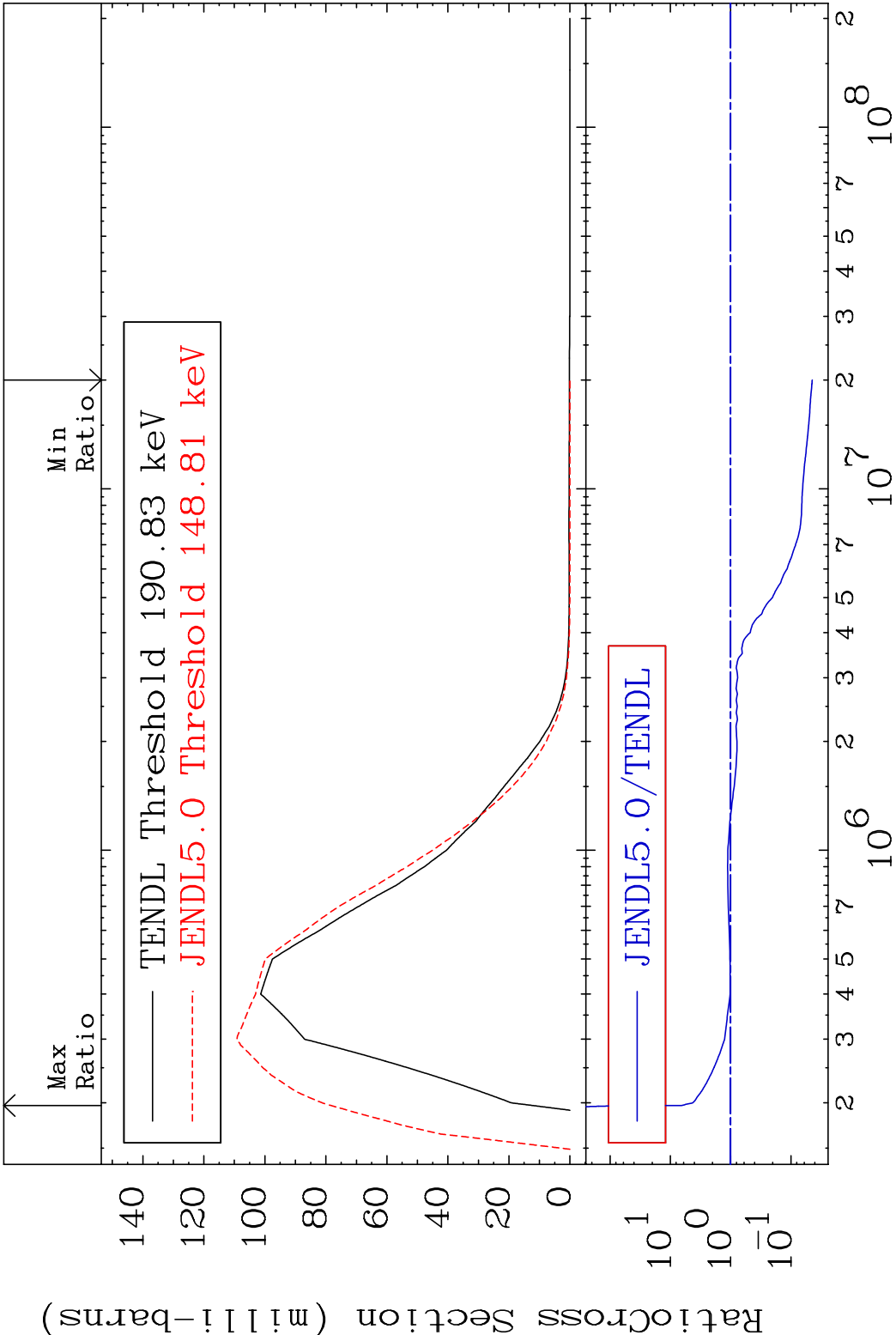


18

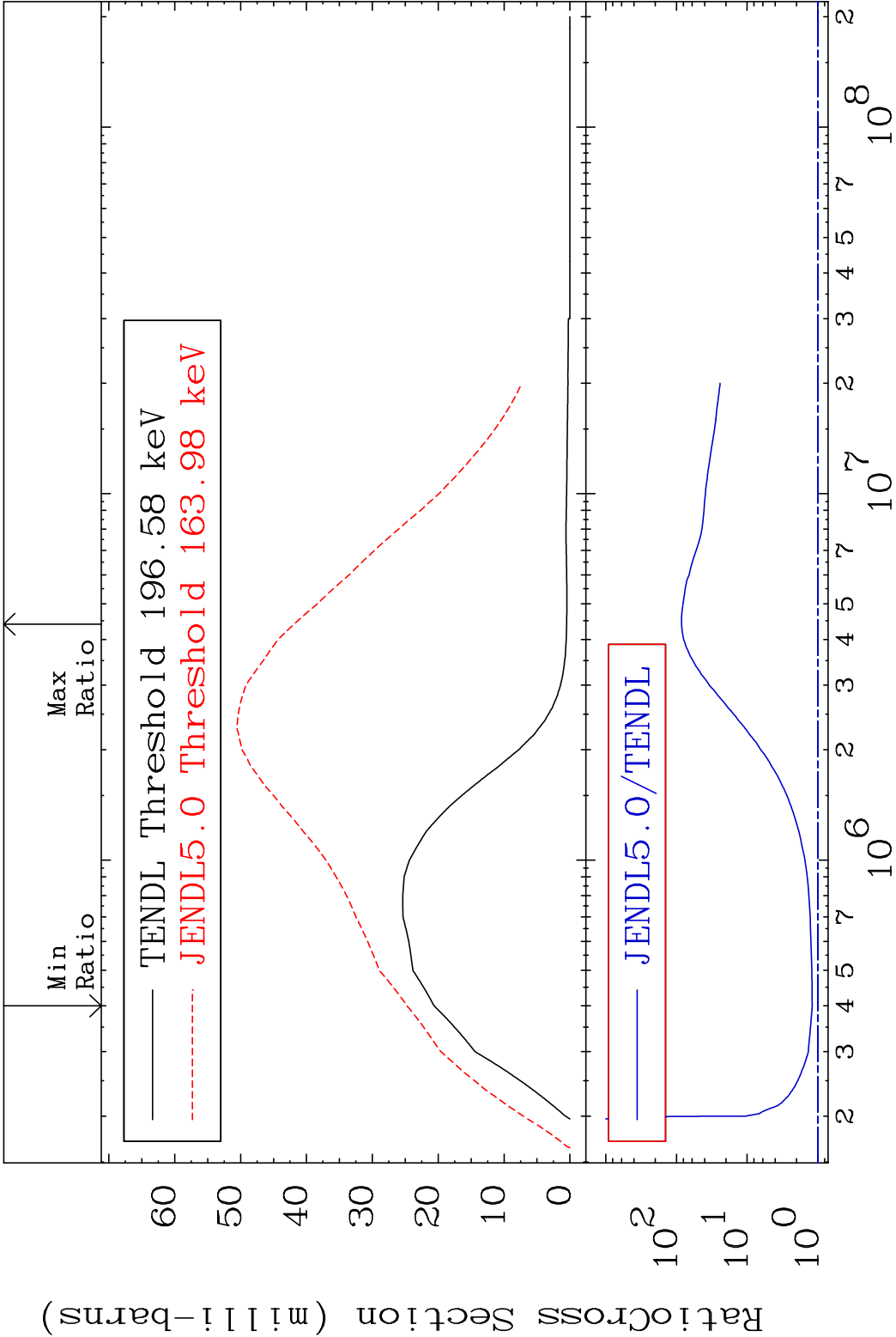
Incident Energy (eV)

90-Th-229

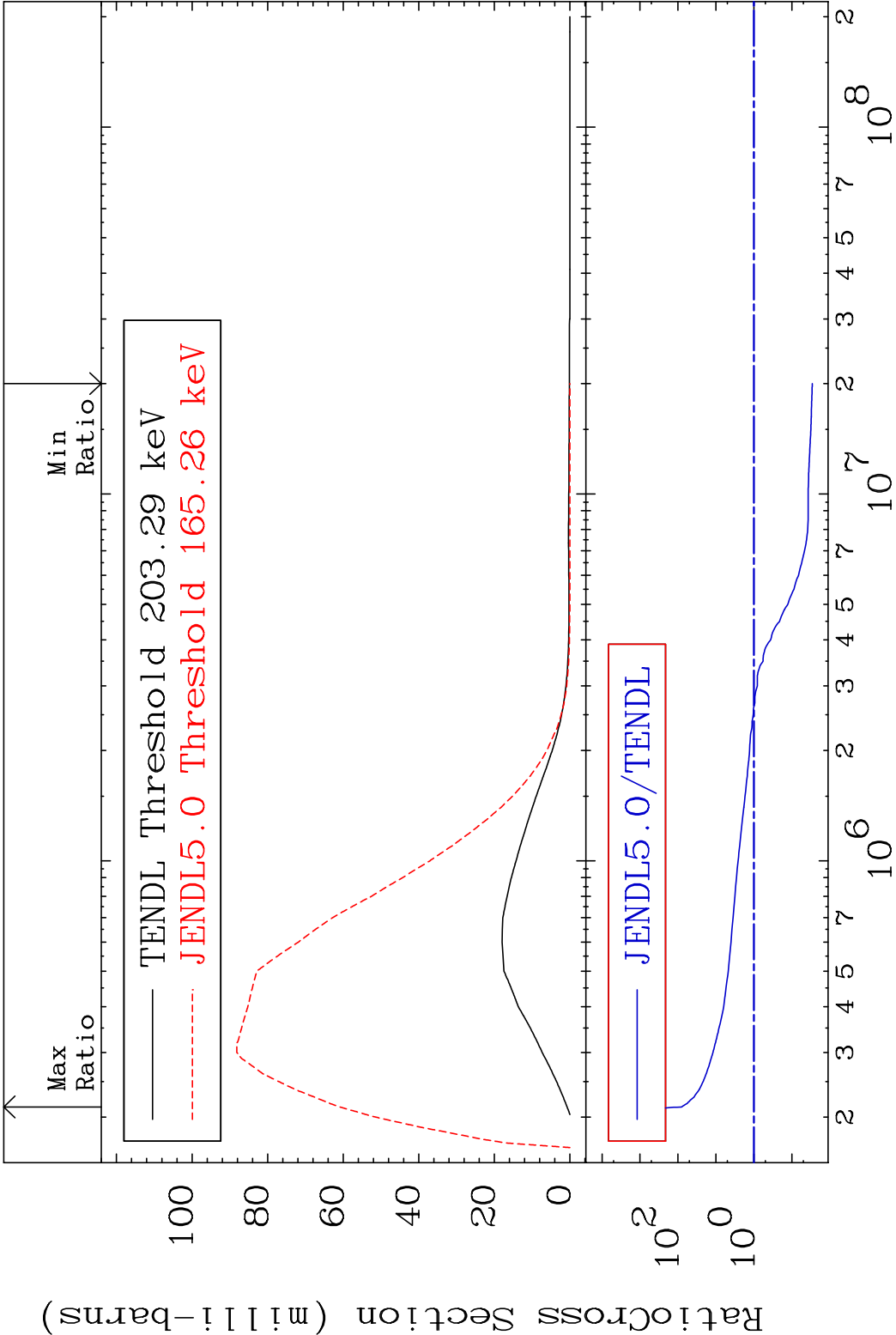
MAT 9031	MT= 62 (n,n')	Level	90-Th-229
	Cross Section	-95.58 To 551.8 %	



MAT 9031 MT= 63 (n,n') Level 90-Th-229
Cross Section 19.90 To 8384. %



MAT 9031 MT= 64 (n,n') Level 90-Th-229
Cross Section -97.10 To 7954. %



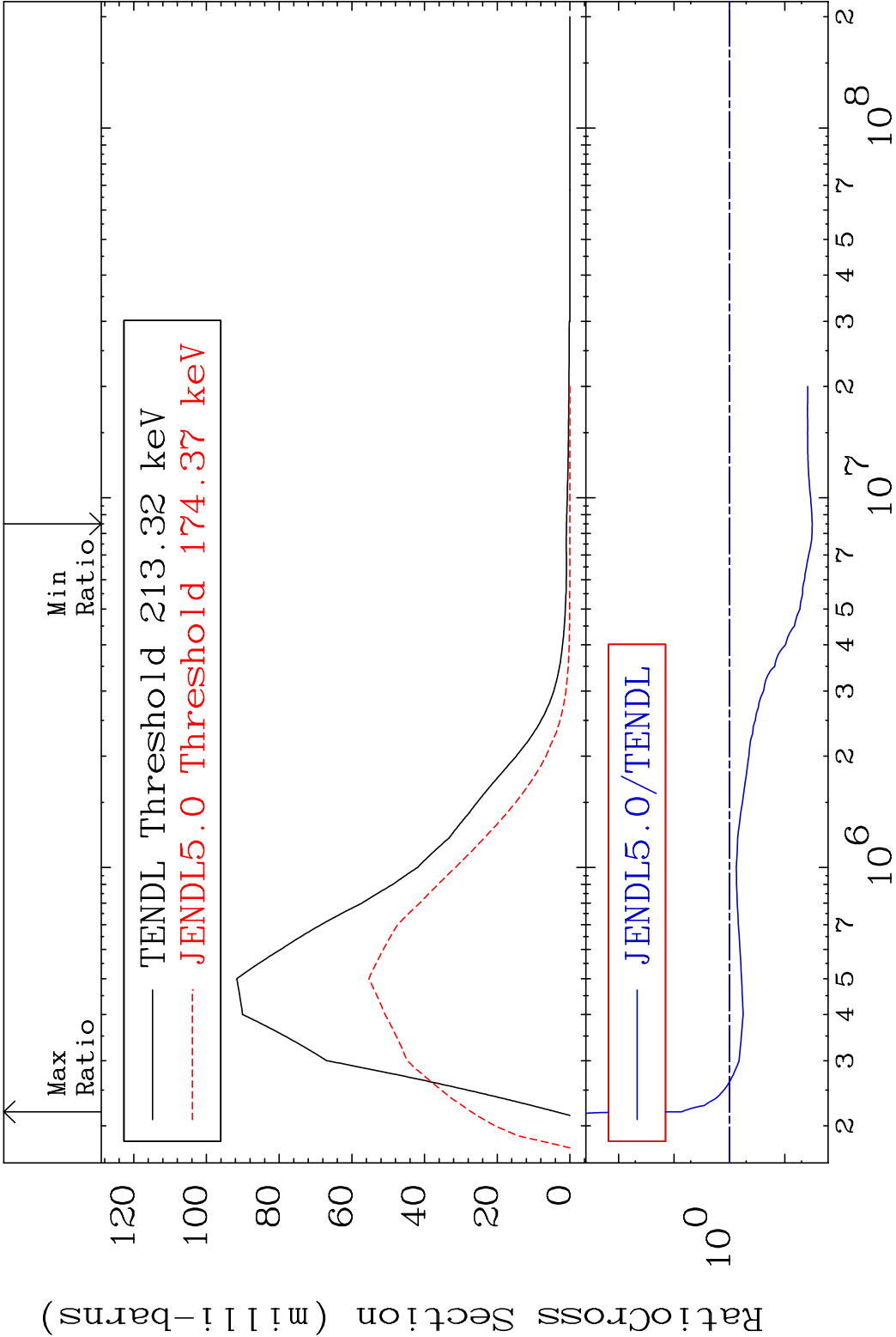
MAT 9031

MT= 65 (n,n') Level

90-Th-229

Cross Section

-96.81 To 632.4 %



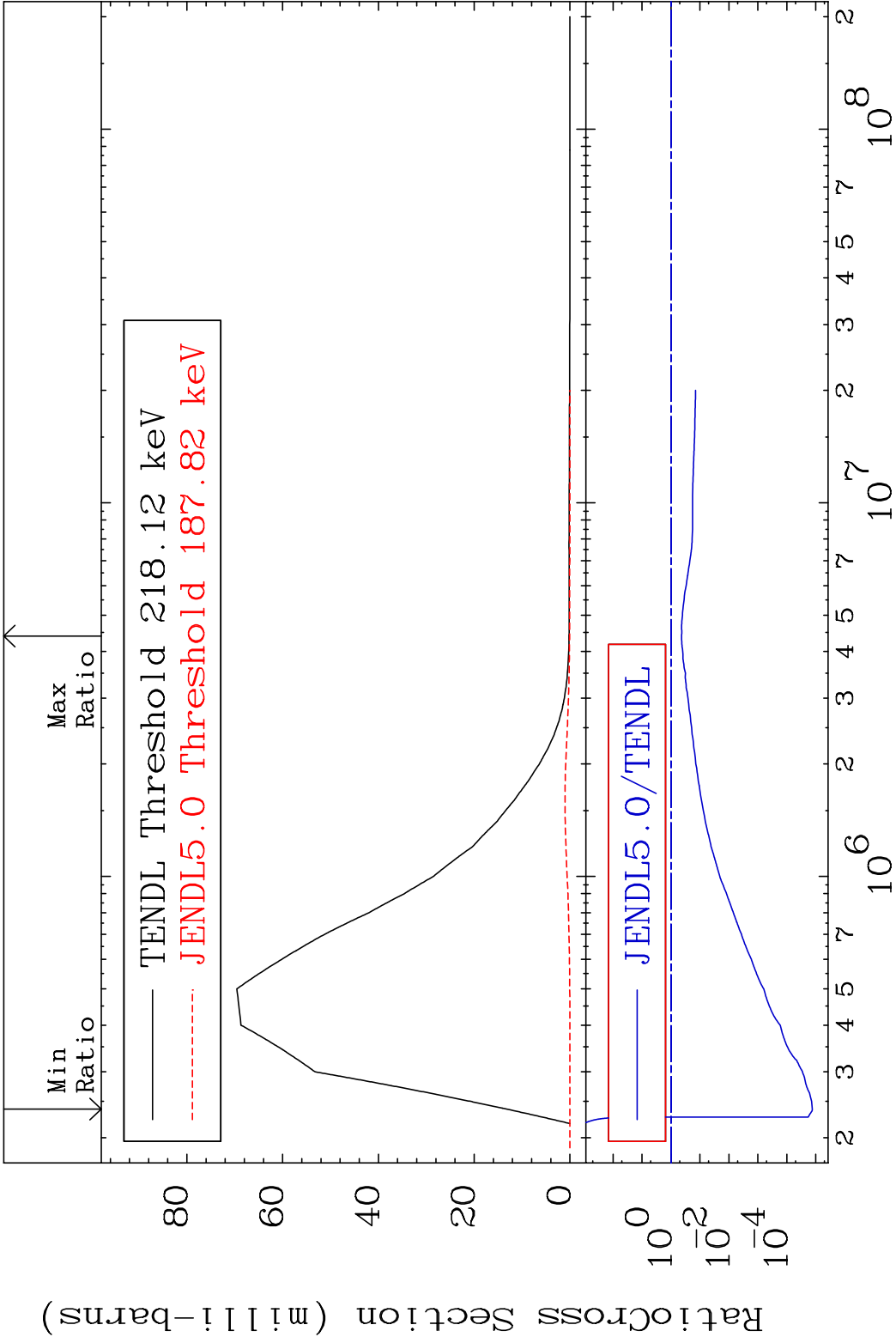
MAT 9031

MT= 66 (n,n') Level

90-Th-229

Cross Section

-100.0 To -56.84%



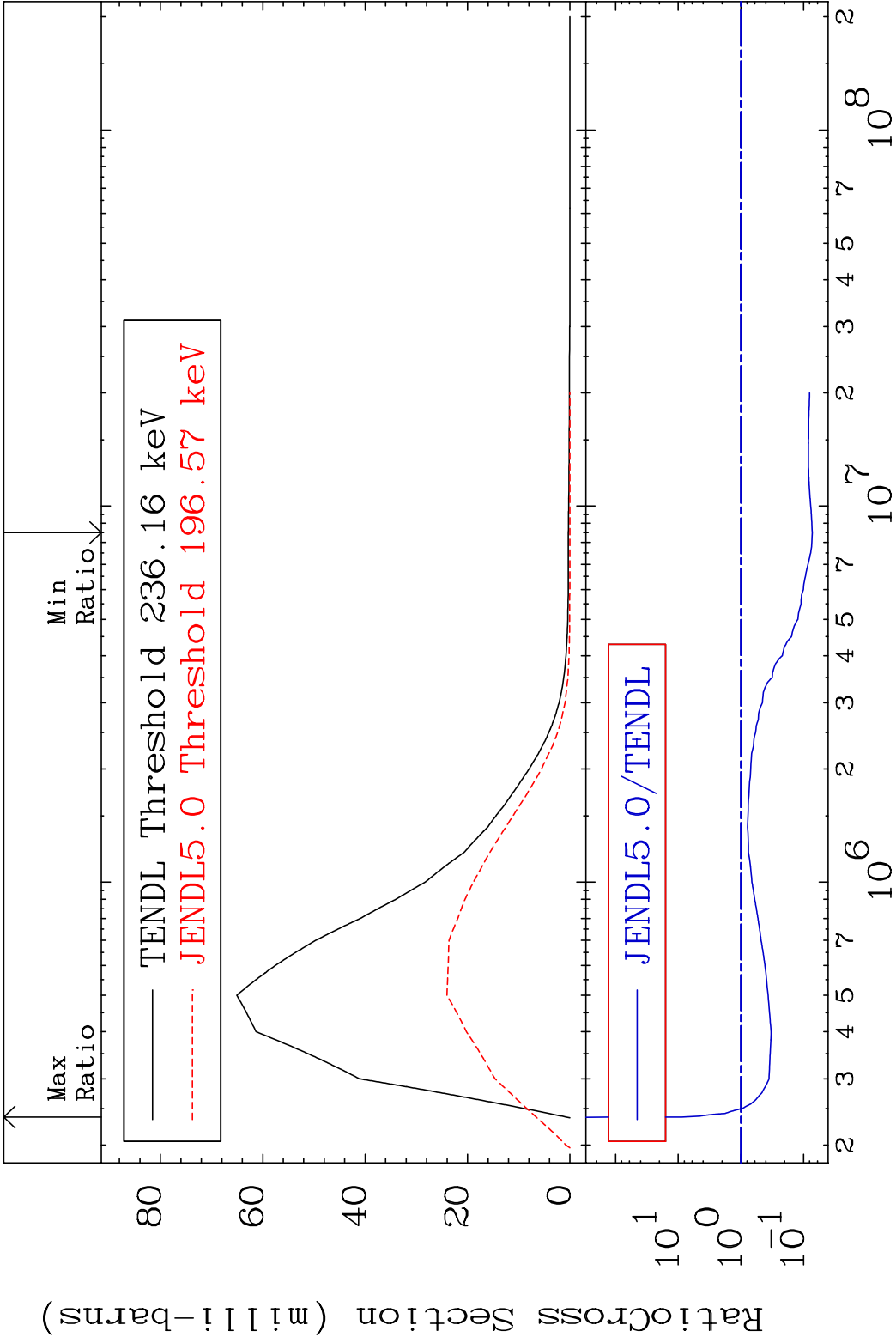
MAT 9031

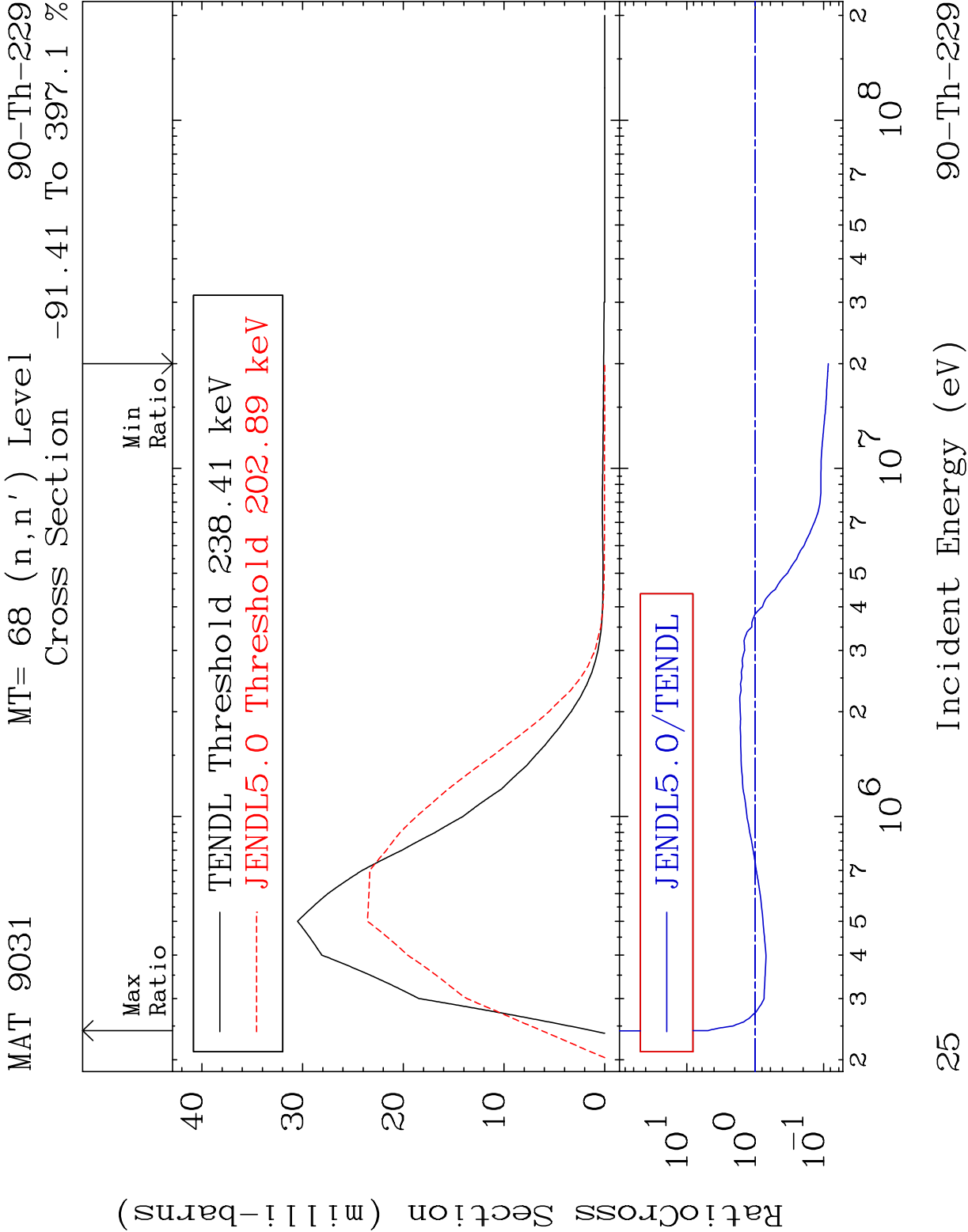
MT= 67 (n,n') Level

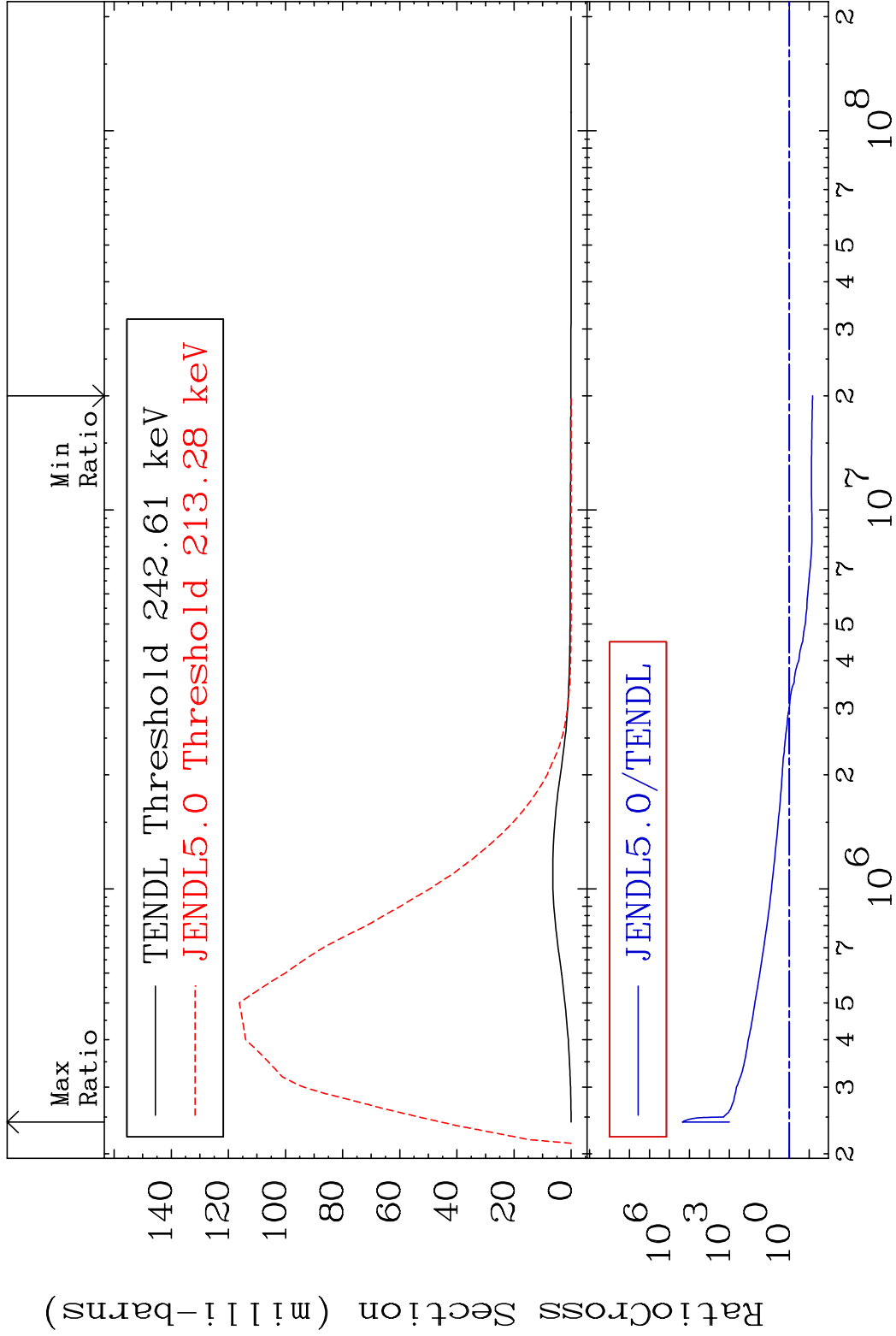
90-Th-229

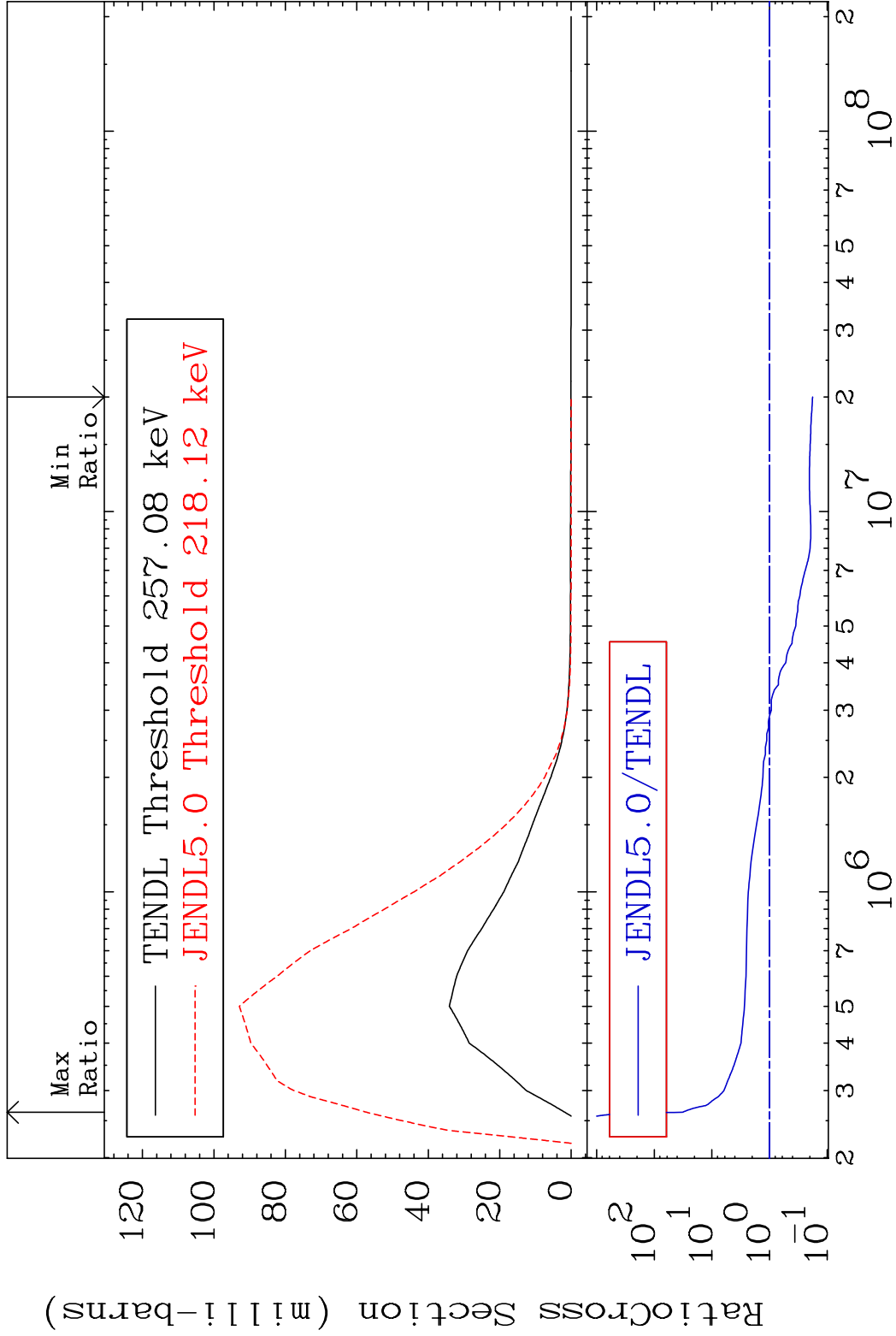
Cross Section

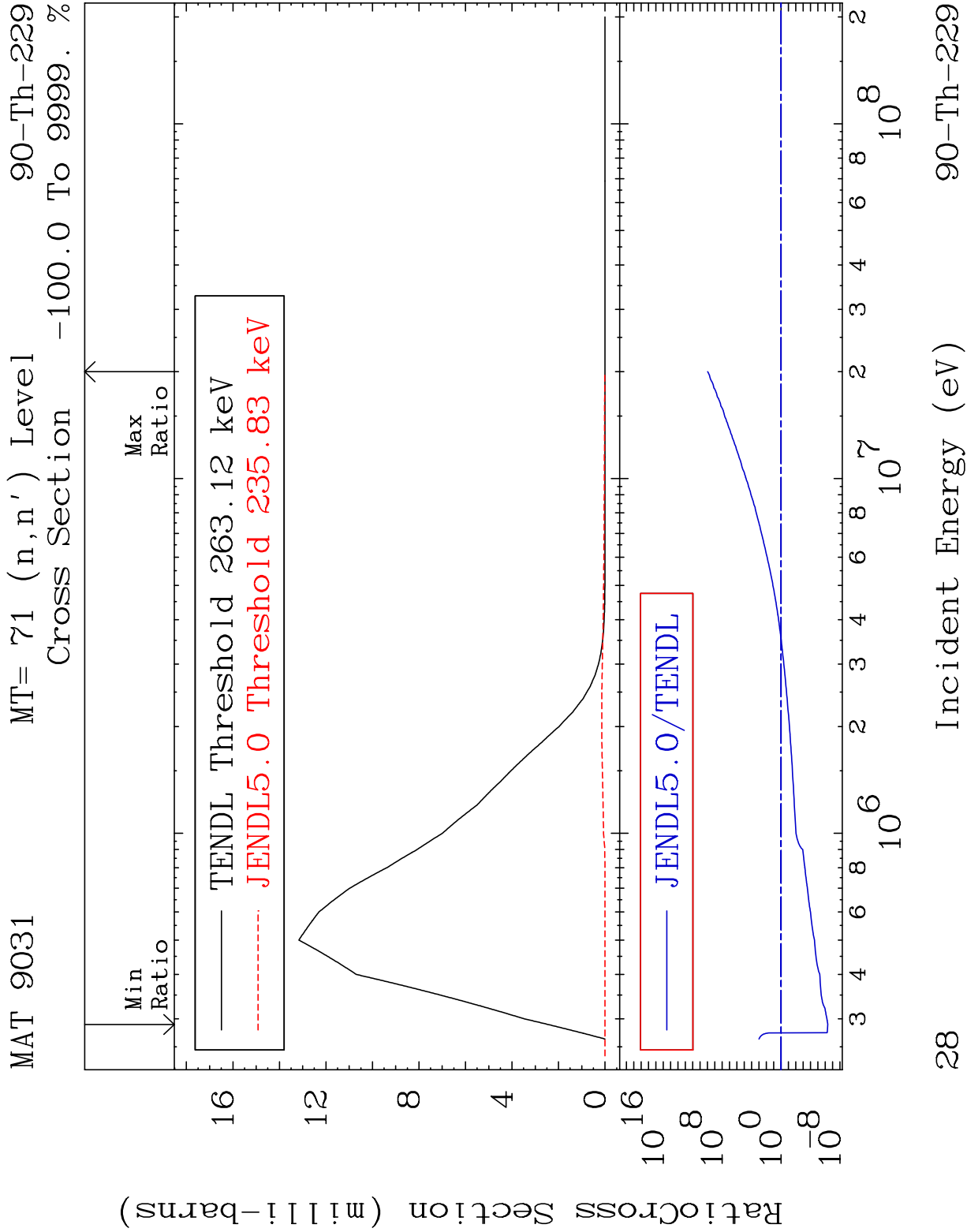
-92.73 To 785.2 %



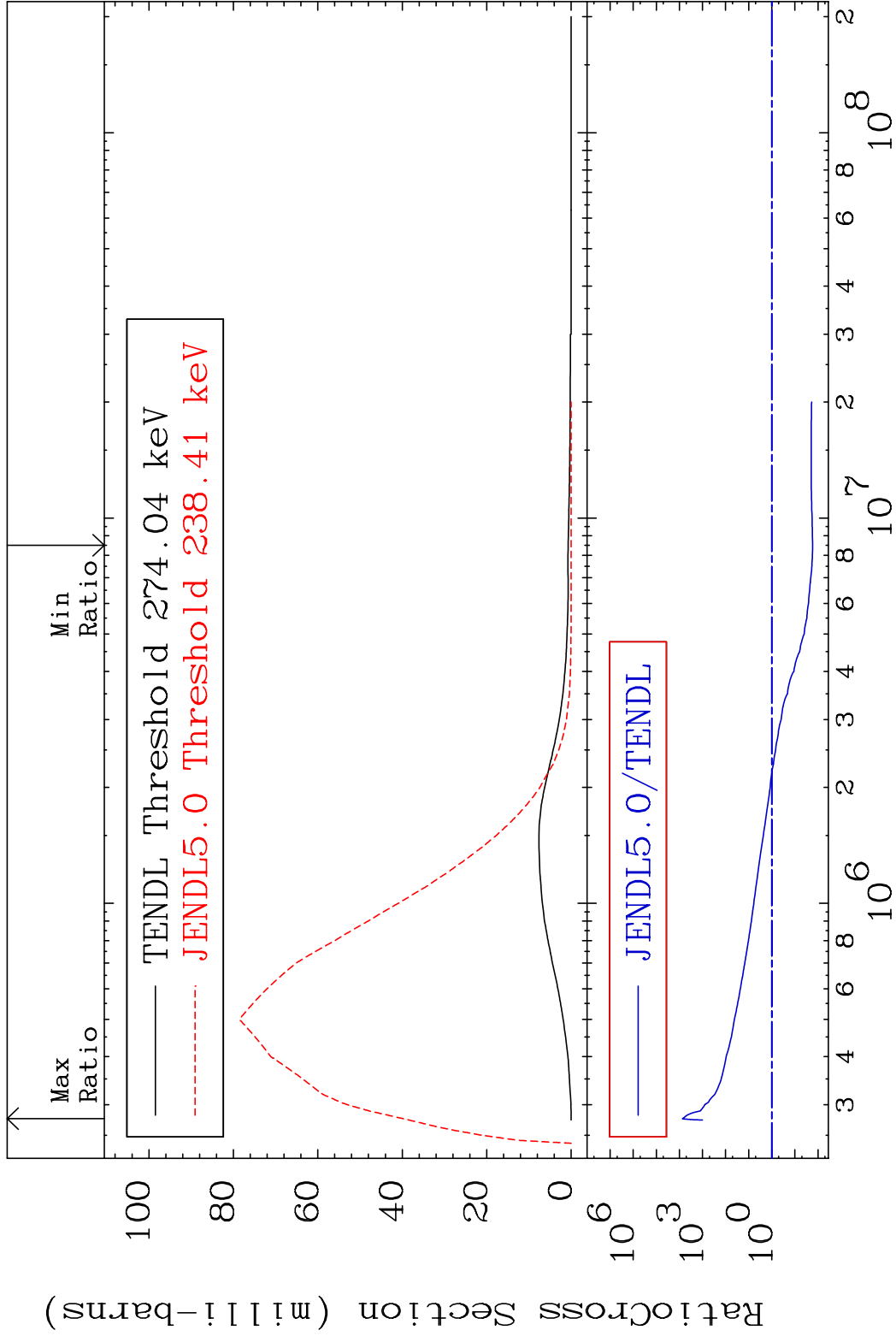




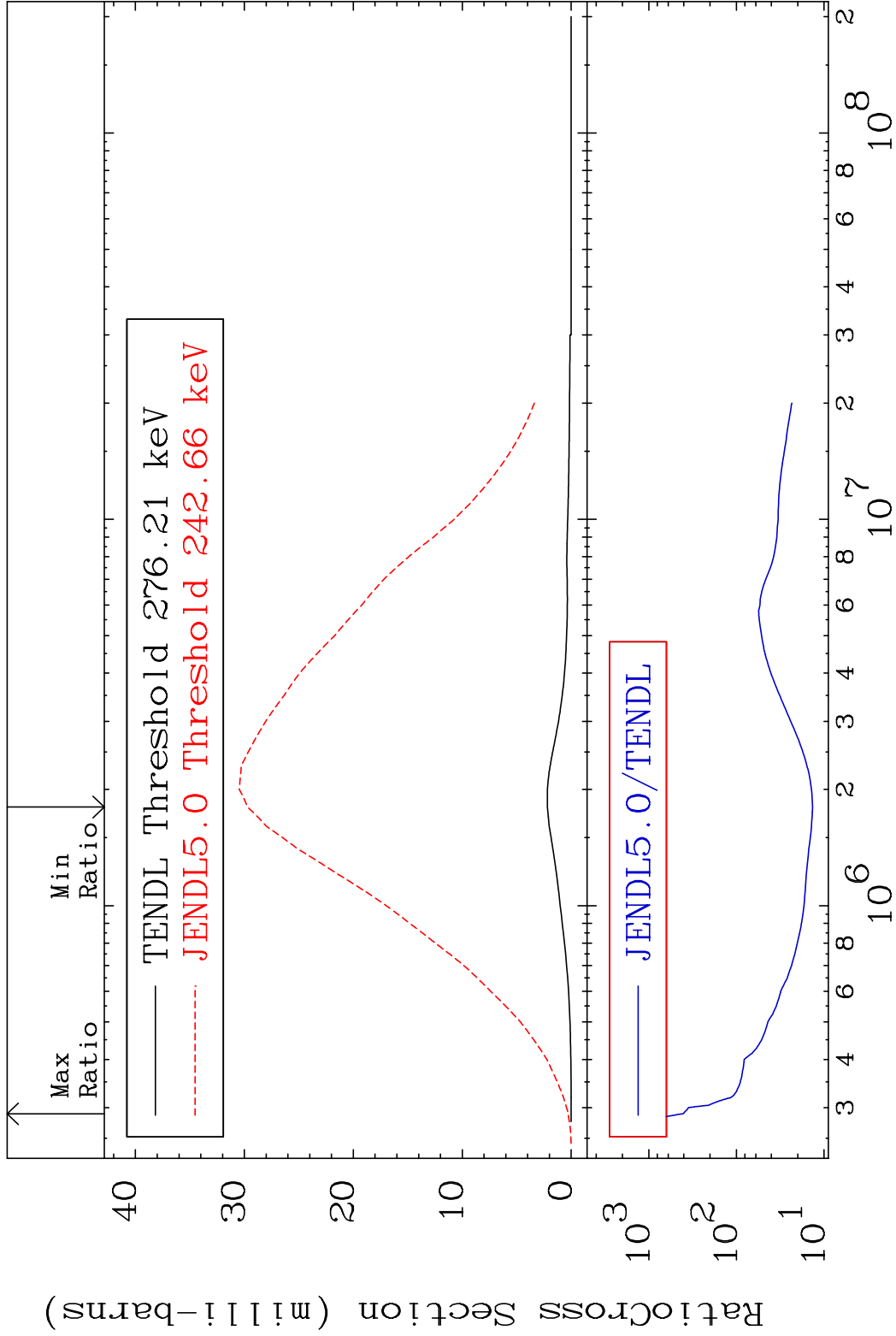




MAT 9031 MT= 72 (n,n') Level 90-Th-229
 Cross Section -98.28 To 9999. %



MAT 9031 MT= 73 (n,n') Level 90-Th-229
Cross Section 1253. To 9999. %



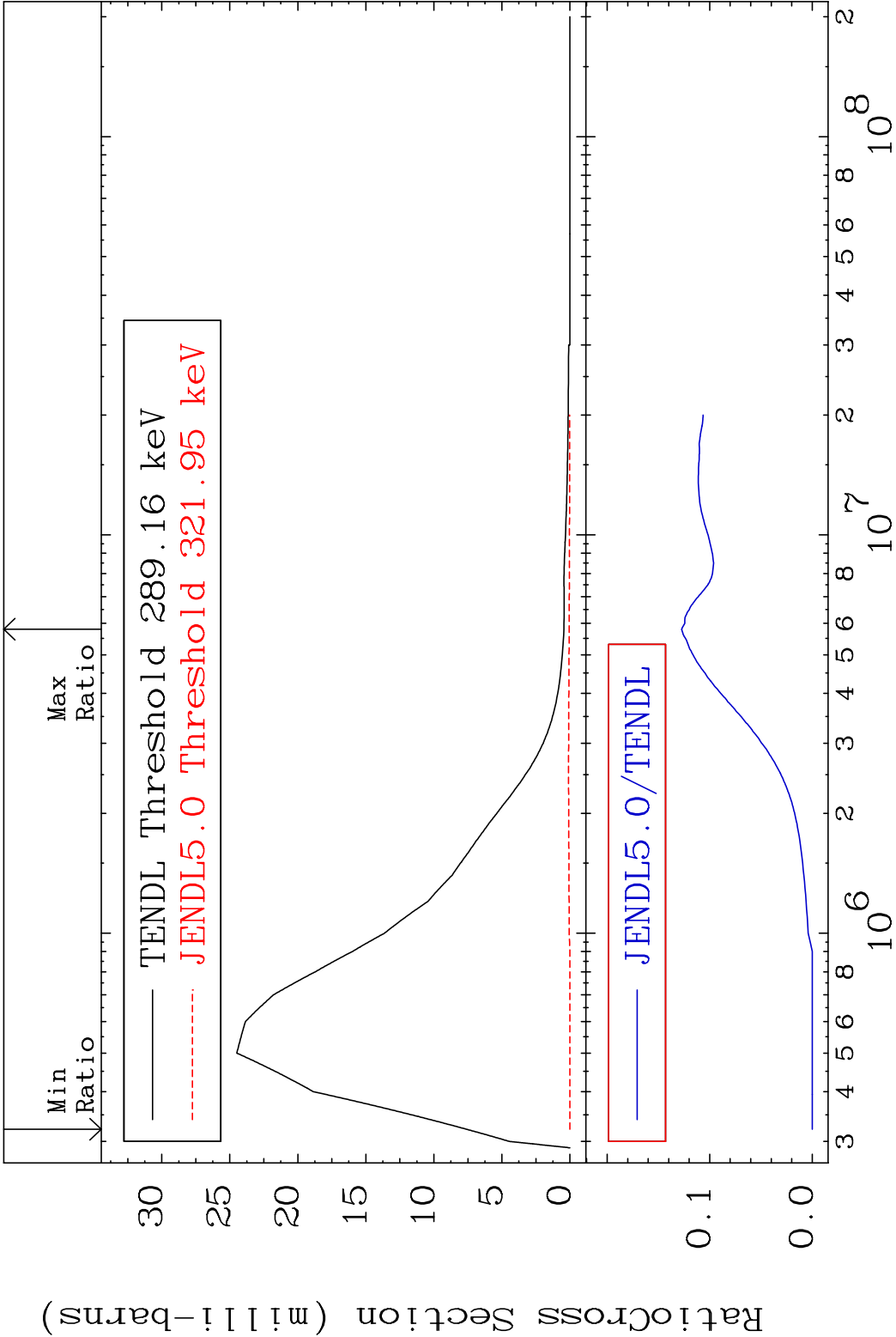
MAT 9031

MT= 74 (n,n') Level

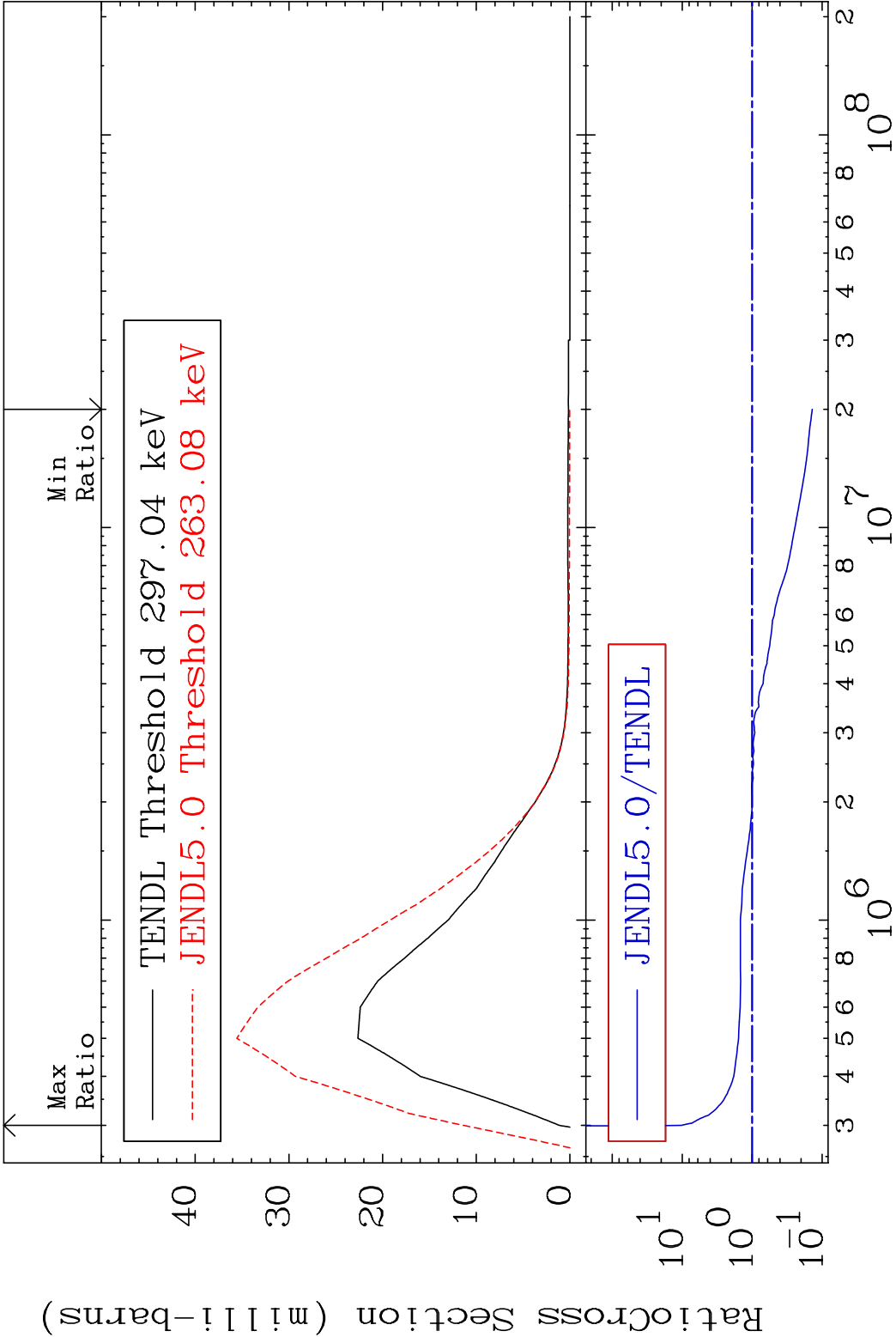
90-Th-229

Cross Section

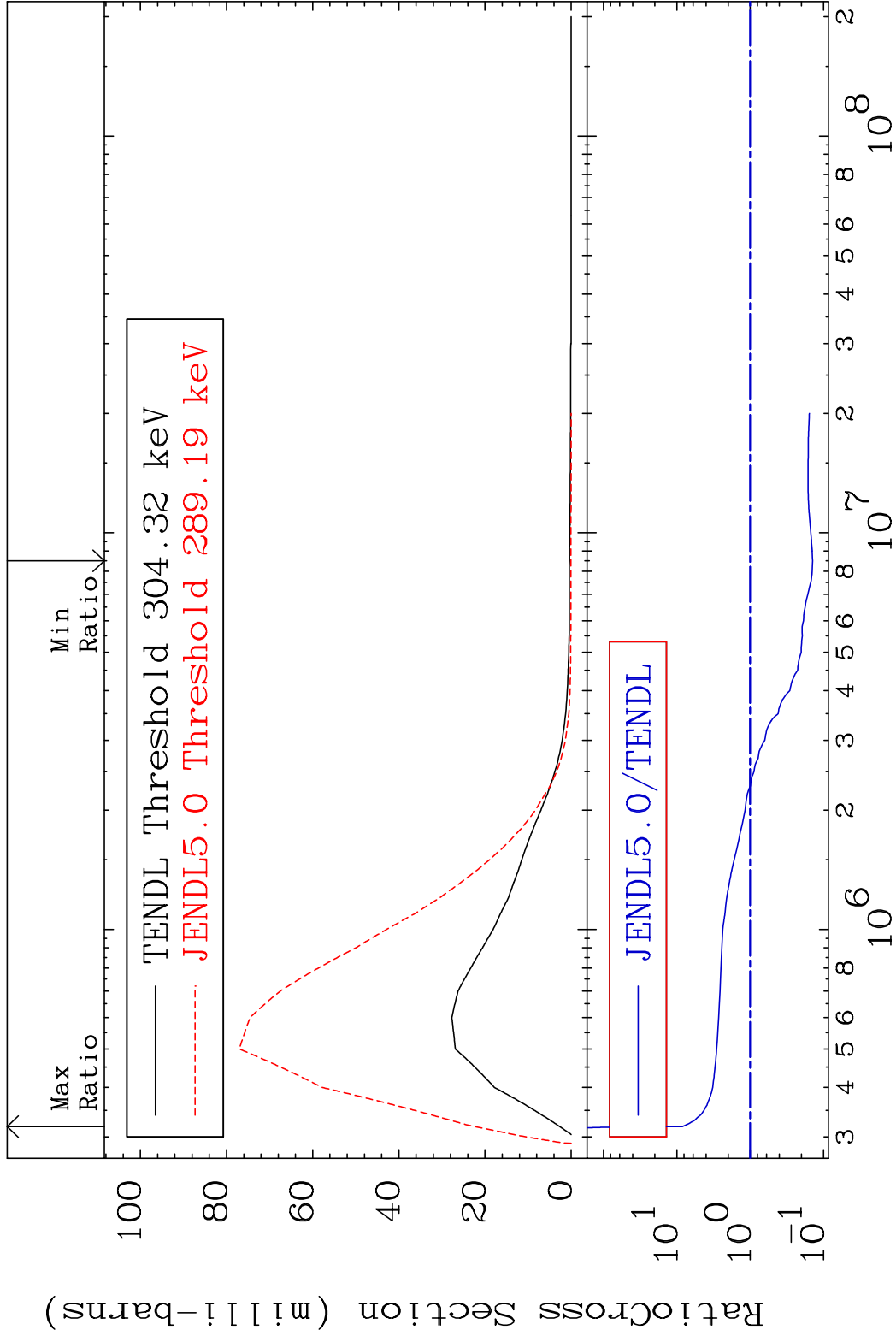
-100.0 To -87.25%

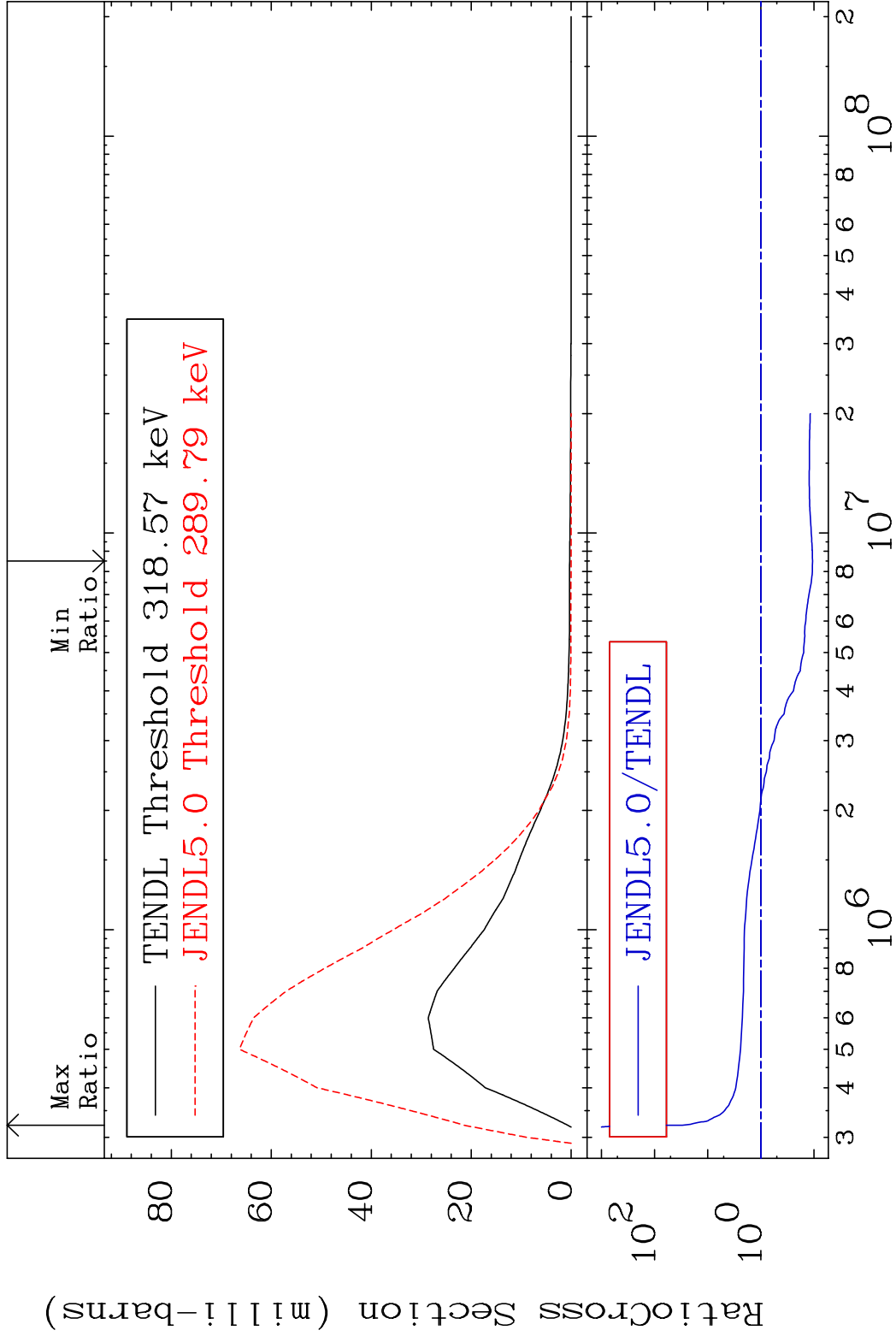


MAT 9031	MT= 75 (n,n')	Level	90-Th-229
	Cross Section	-86.15 To 923.8 %	

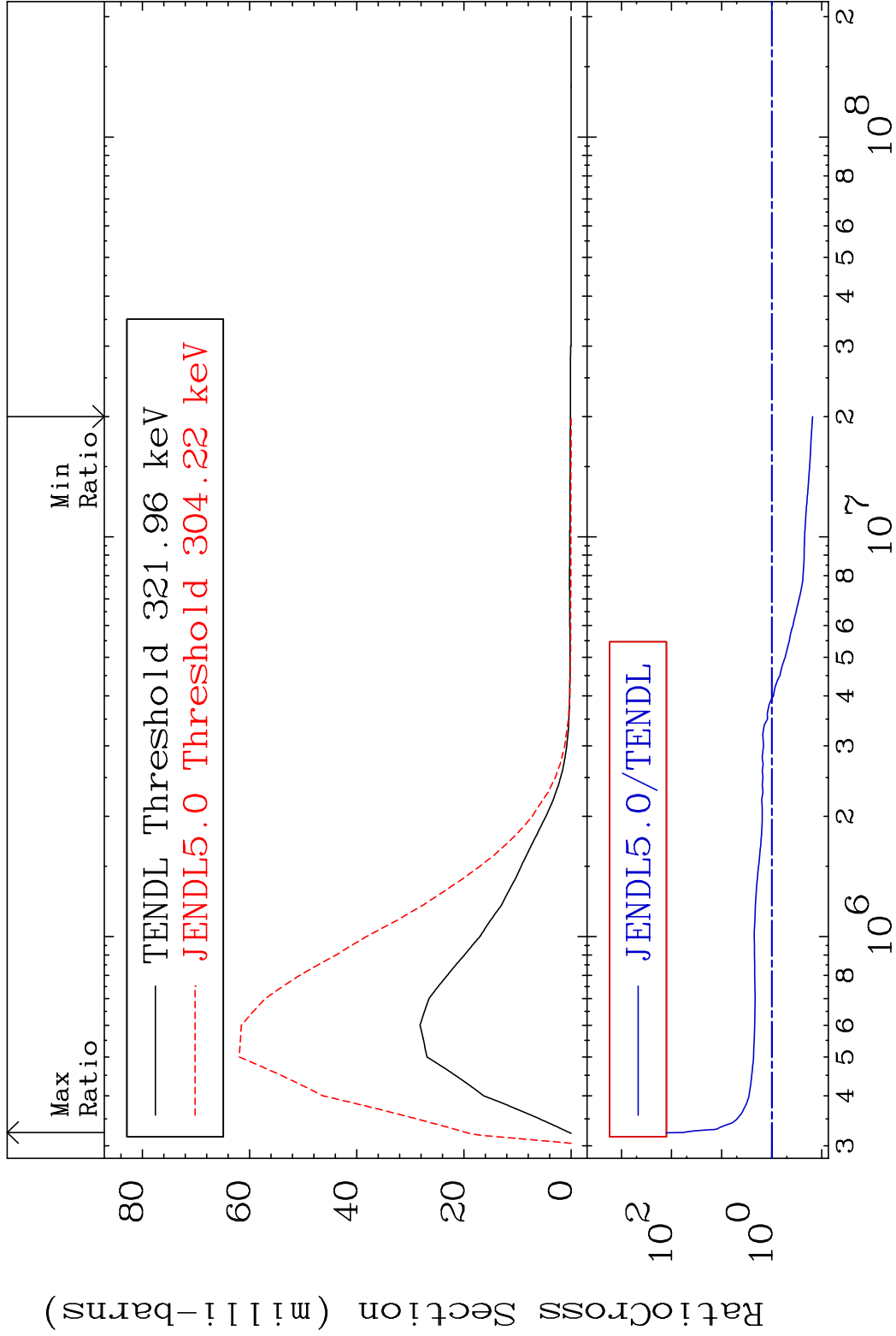


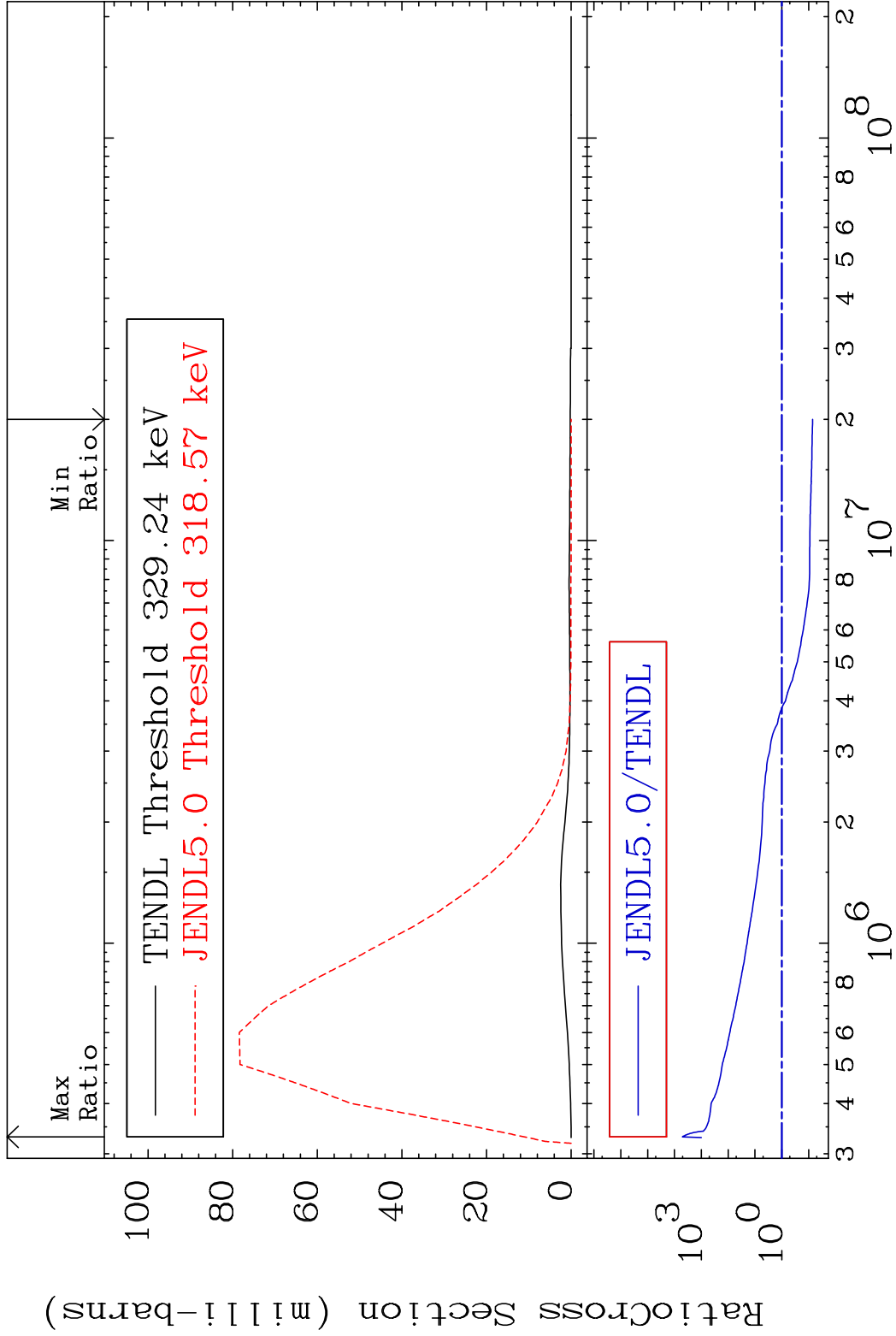
MAT 9031 MT= 76 (n,n') Level 90-Th-229
Cross Section -85.87 To 741.6 %

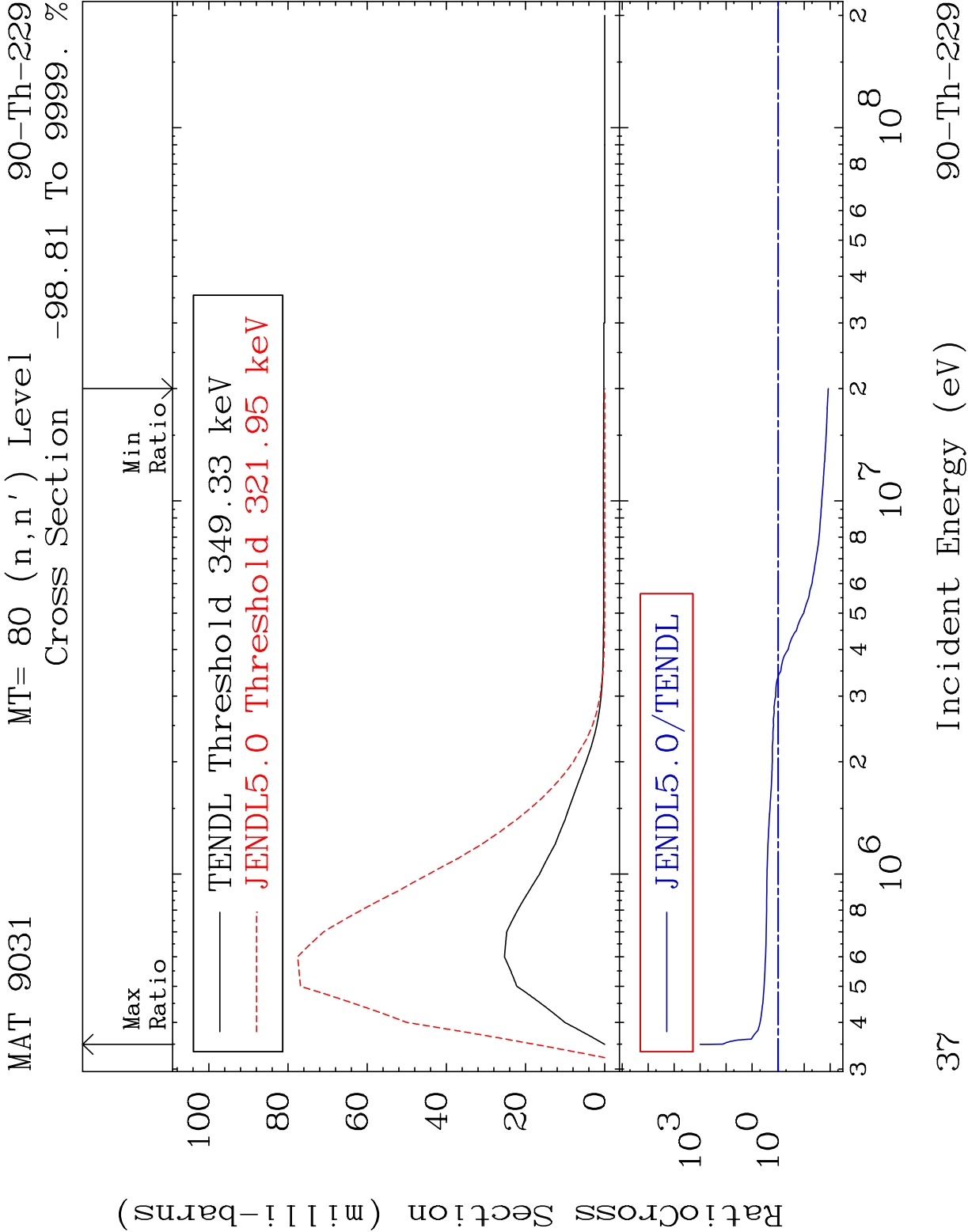


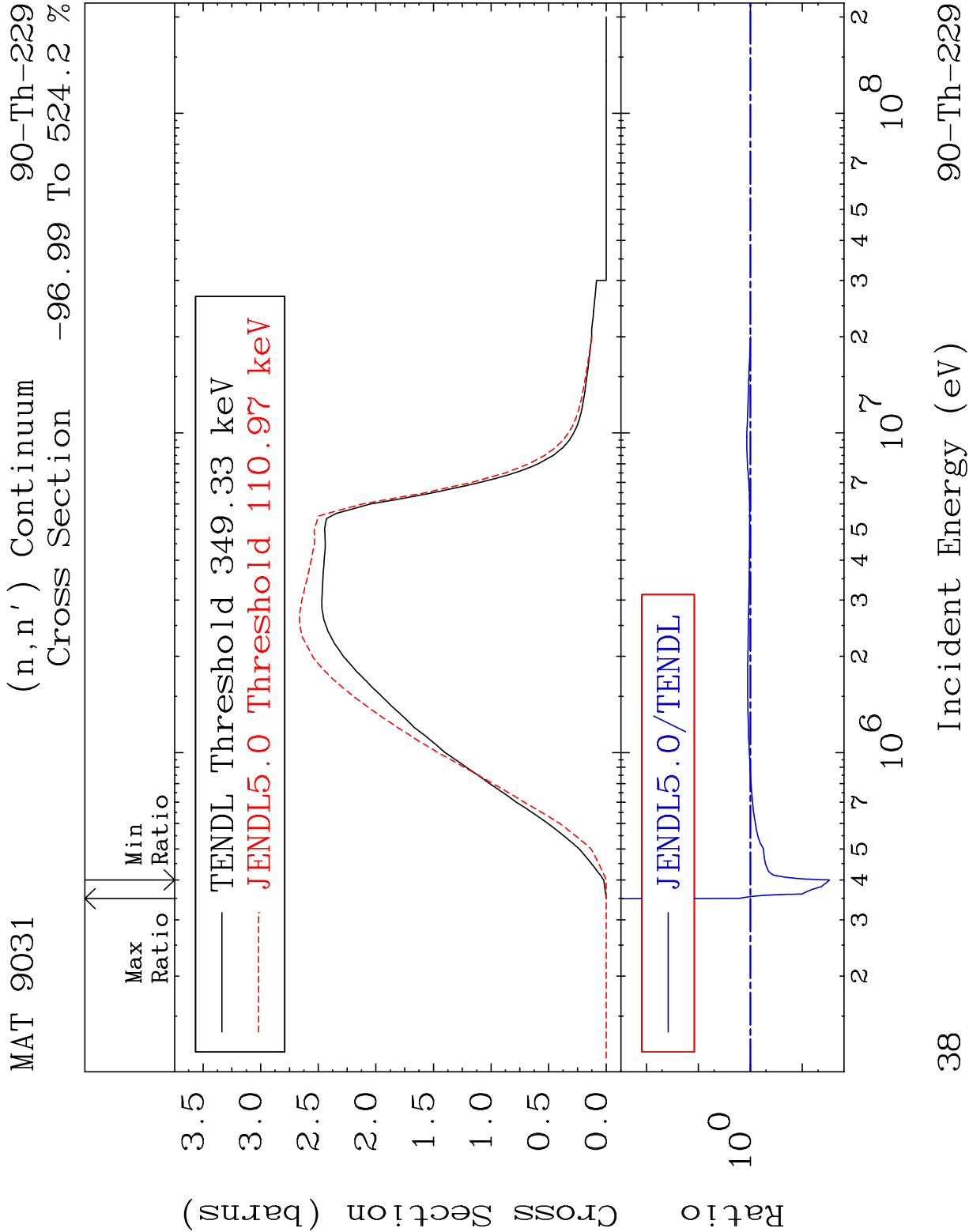


MAT 9031 MT= 78 (n,n') Level 90-Th-229
Cross Section -84.71 To 5983. %







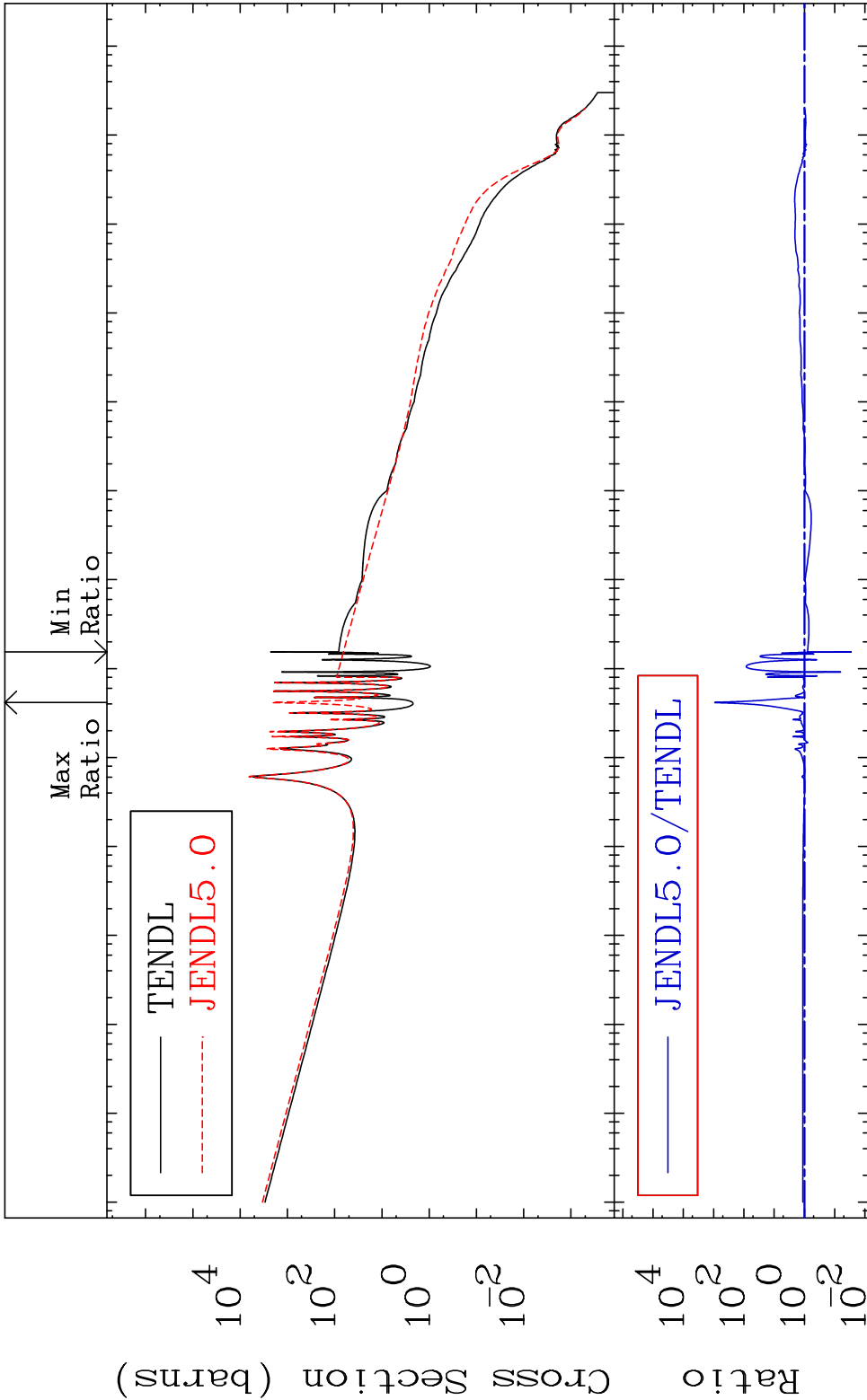


MAT 9031

(n, γ)

90-Th-229

Cross Section -97.14 To 9999. %



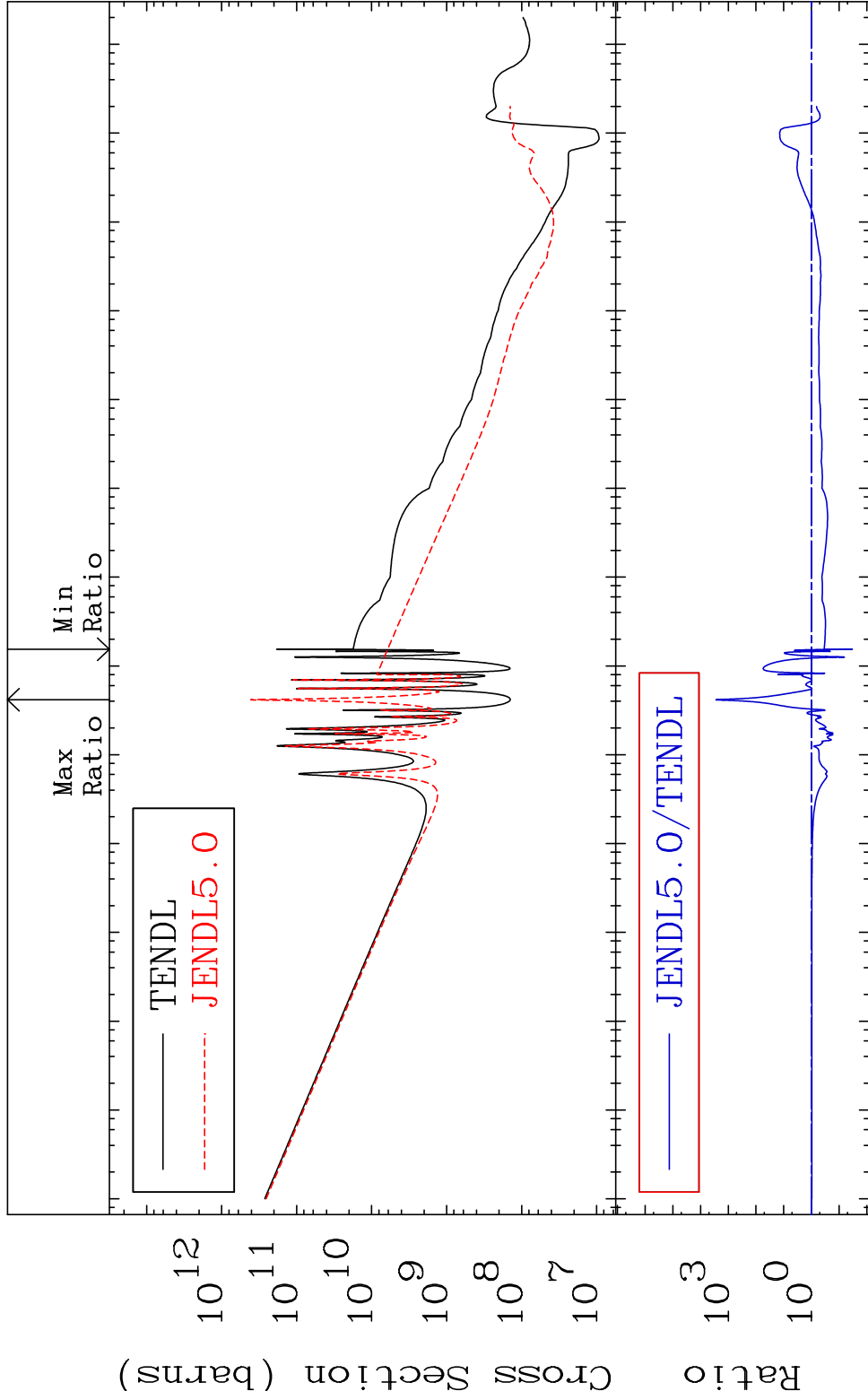
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

39

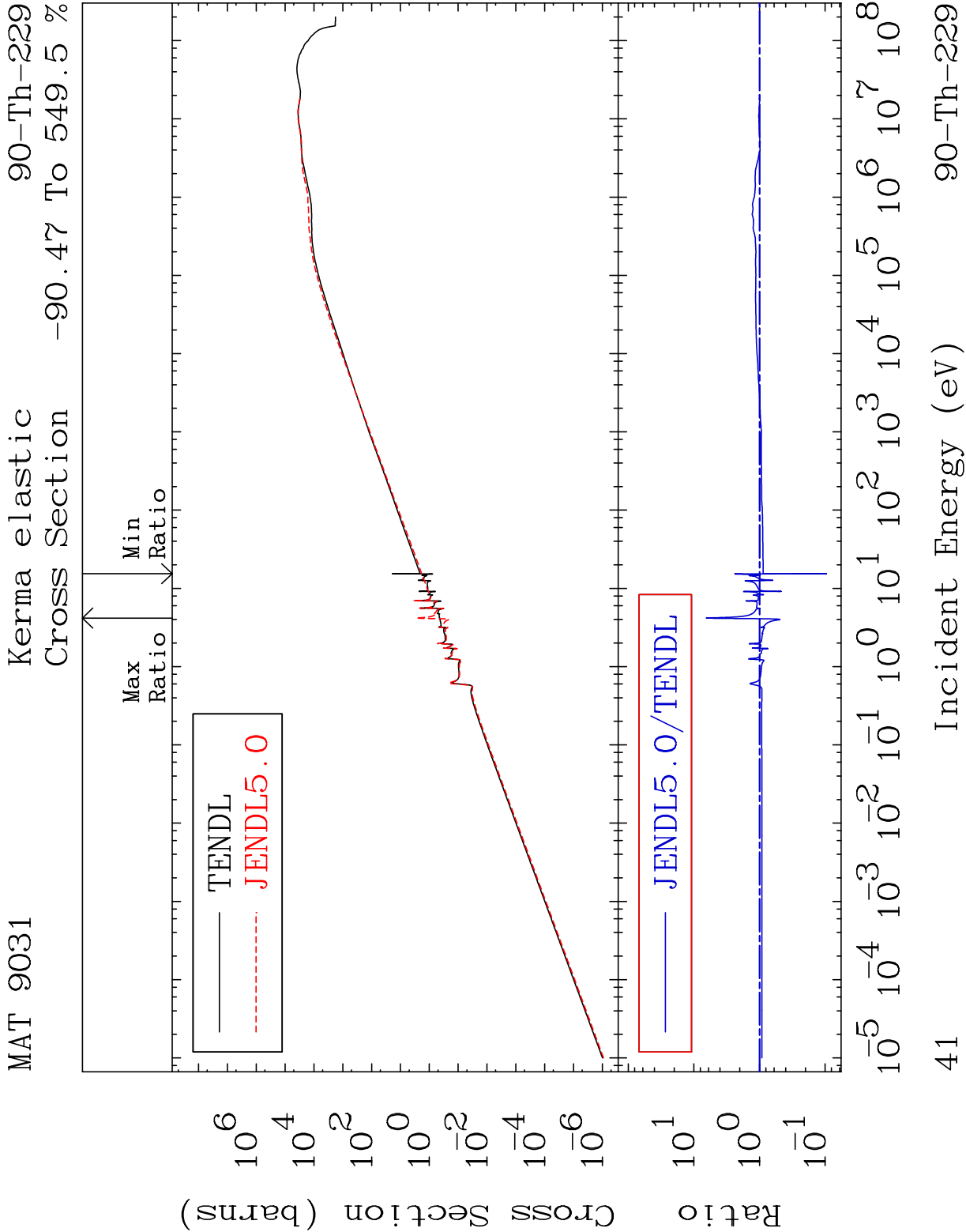
Incident Energy (eV)

90-Th-229

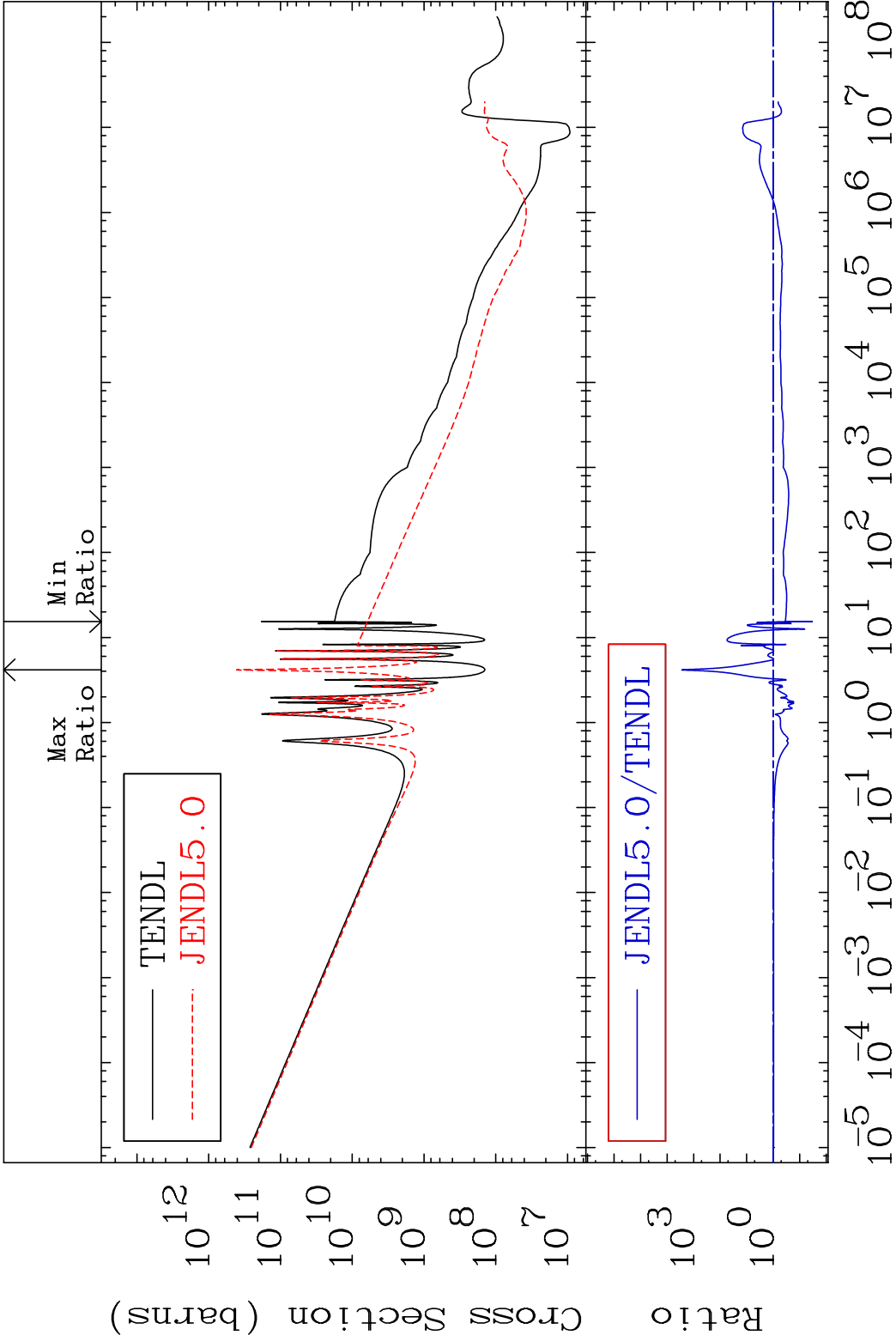
MAT 9031 Kerma total (eV-barns) 90-Th-229
Cross Section -96.65 To 9999. %



40 Incident Energy (eV) 90-Th-229

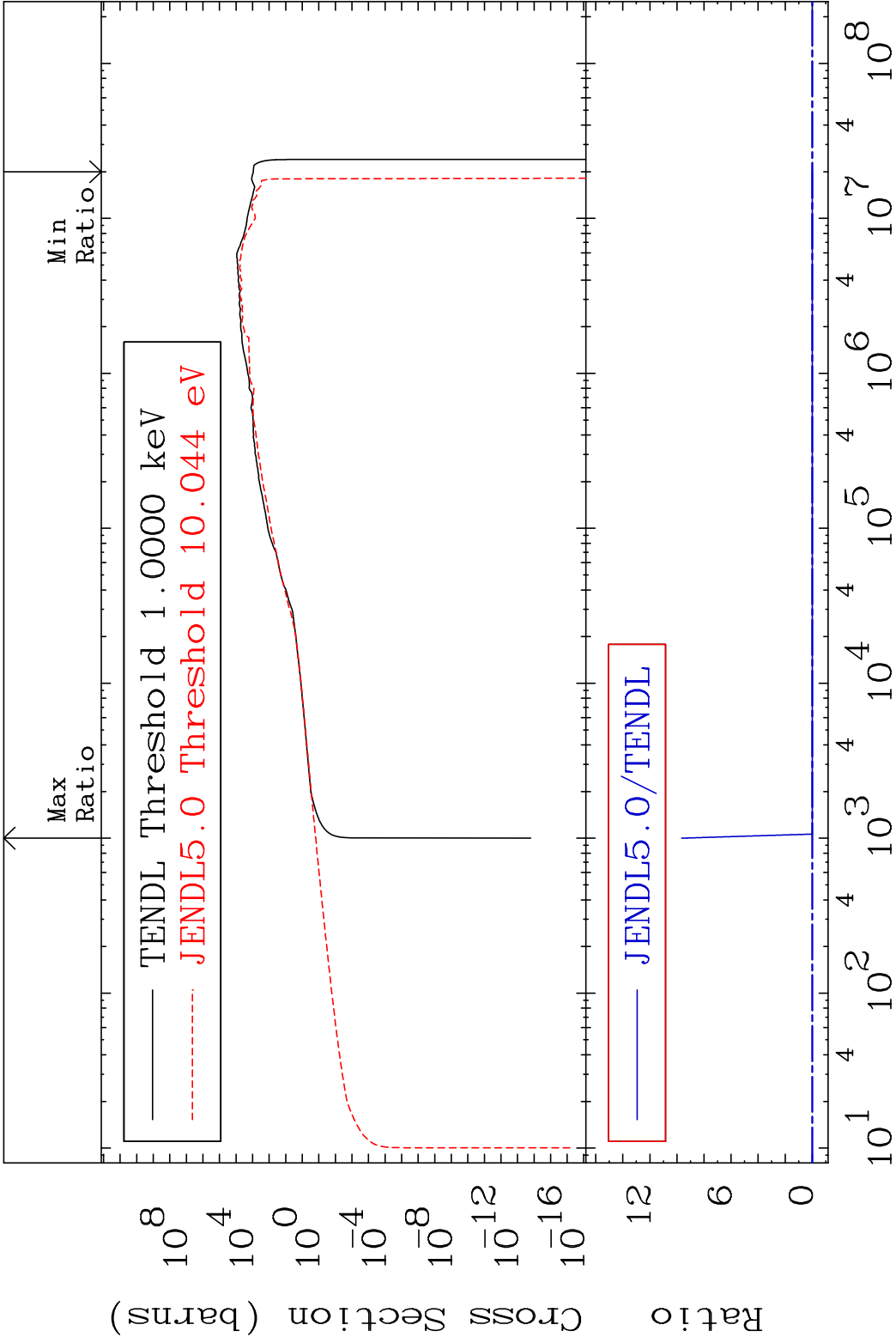


MAT 9031 Kerma non-elastic (all but mt2) 90-Th-229
Cross Section -96.65 To 9999. %

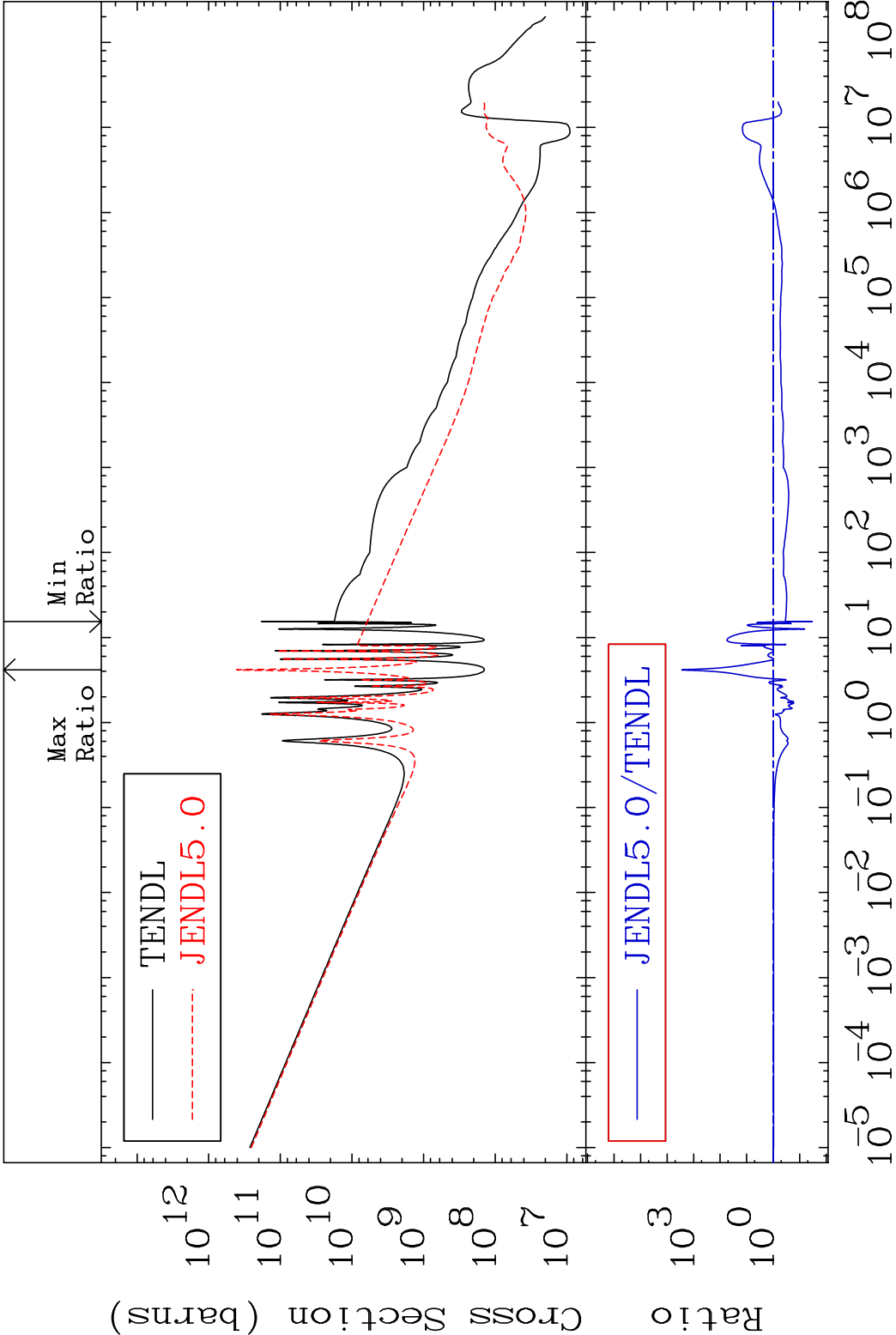


42 Incident Energy (eV) 90-Th-229

MAT 9031 Kerma inelastic (mt51-91) 90-Th-229
Cross Section -122.5 To 9999. %

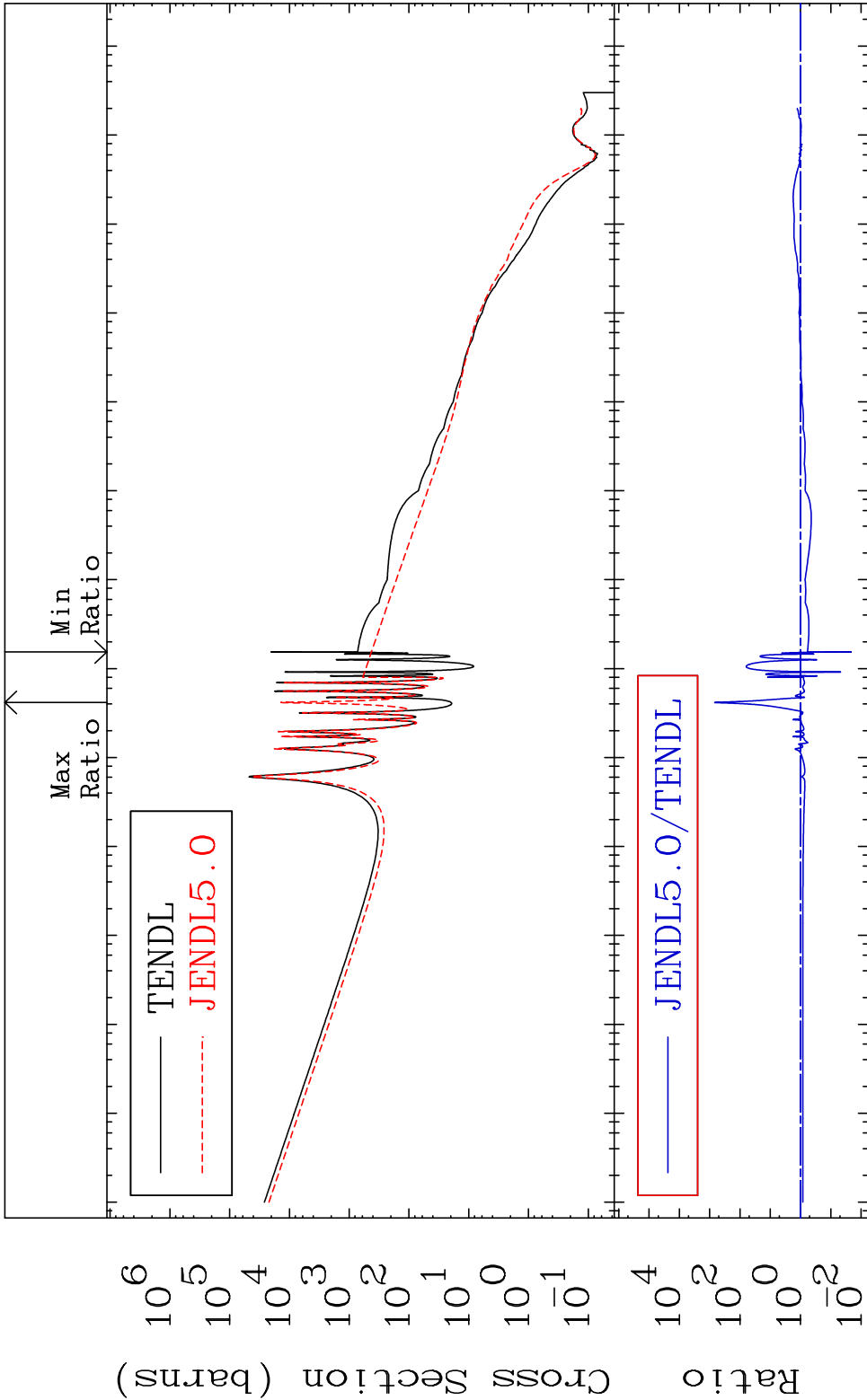


MAT 9031 Kerma fission (mt18 or mt19-20-21-38)90-Th-229
Cross Section -96.65 To 9999. %



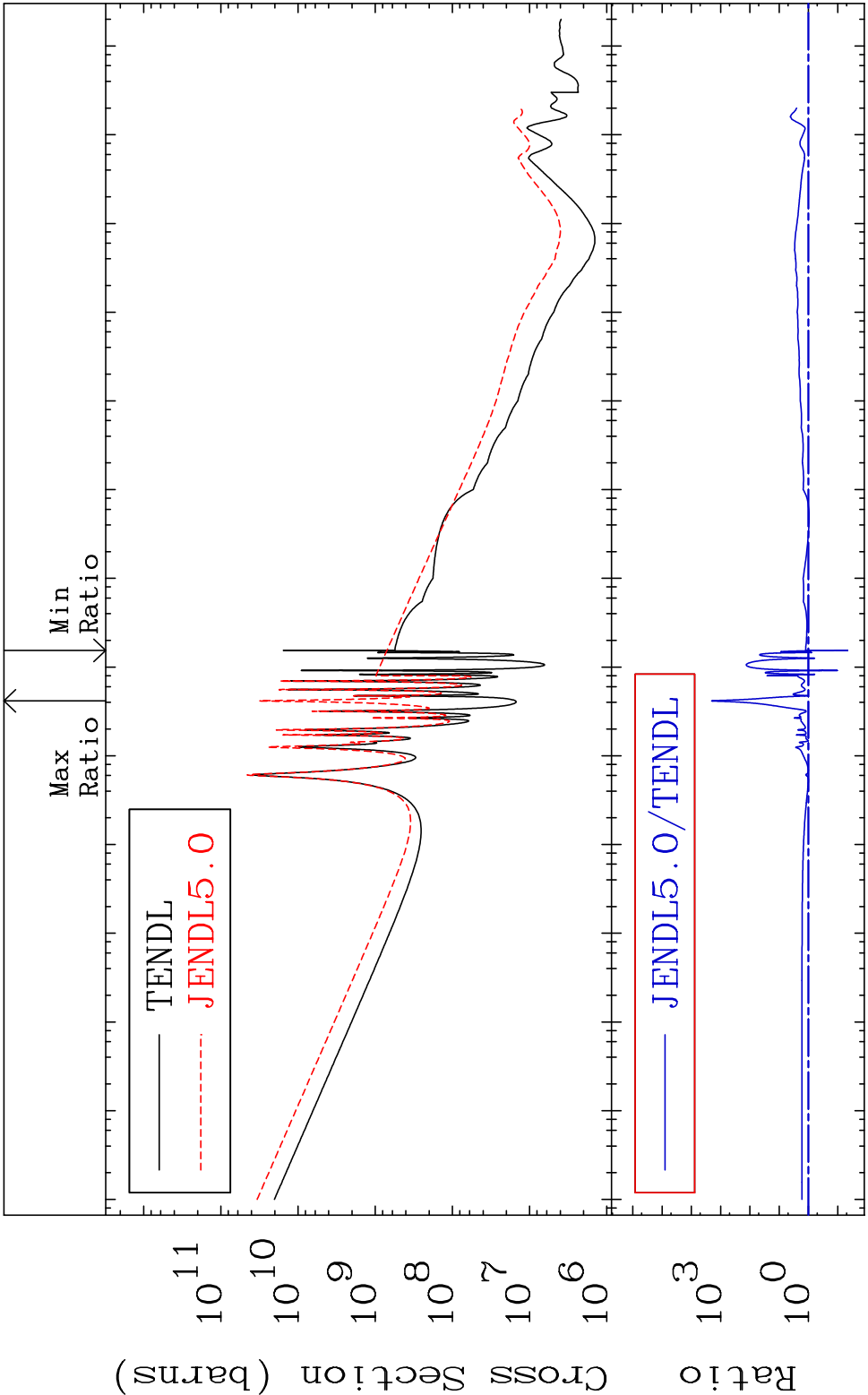
44 Incident Energy (eV) 90-Th-229

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

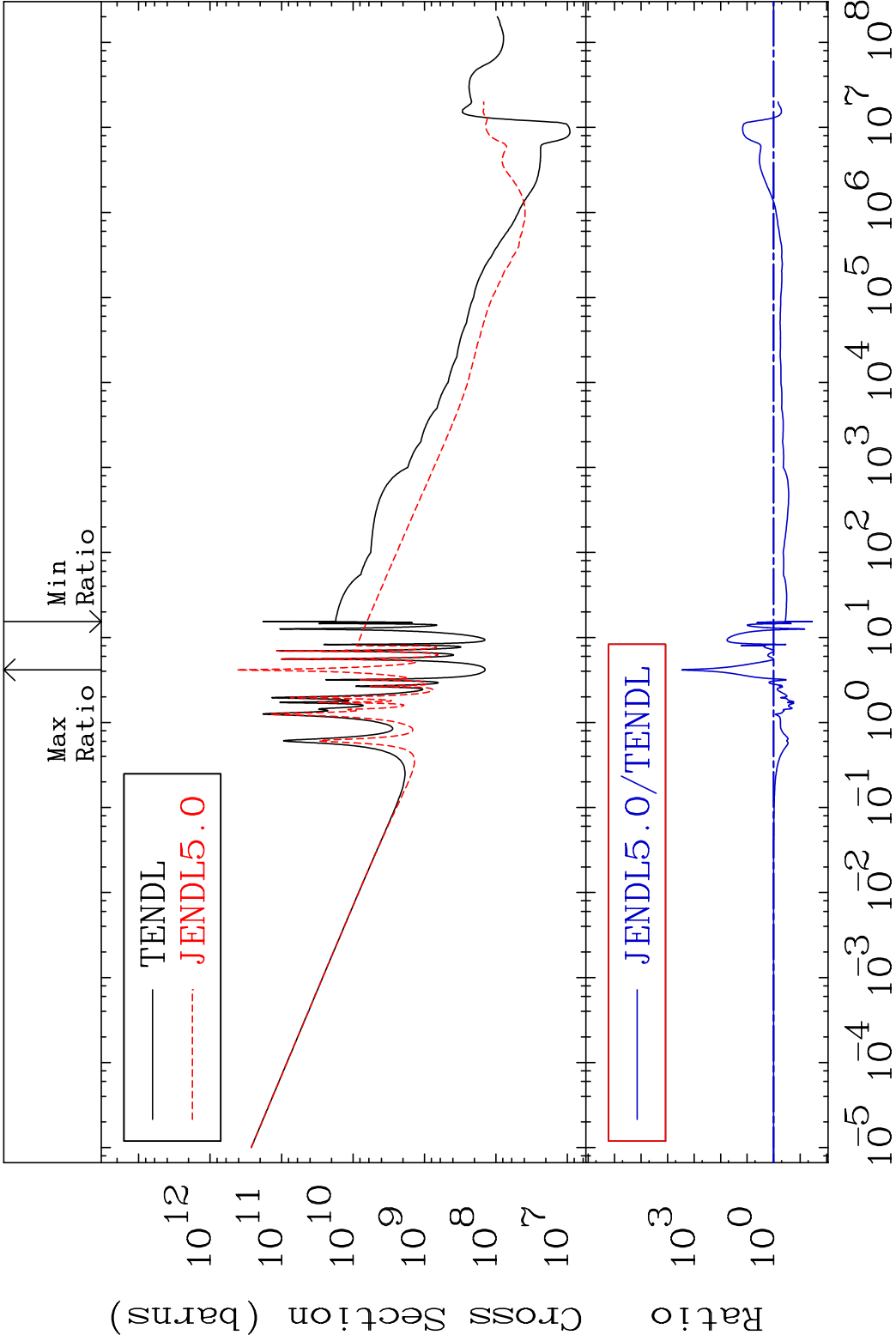


45 Incident Energy (eV) 90-Th-229

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

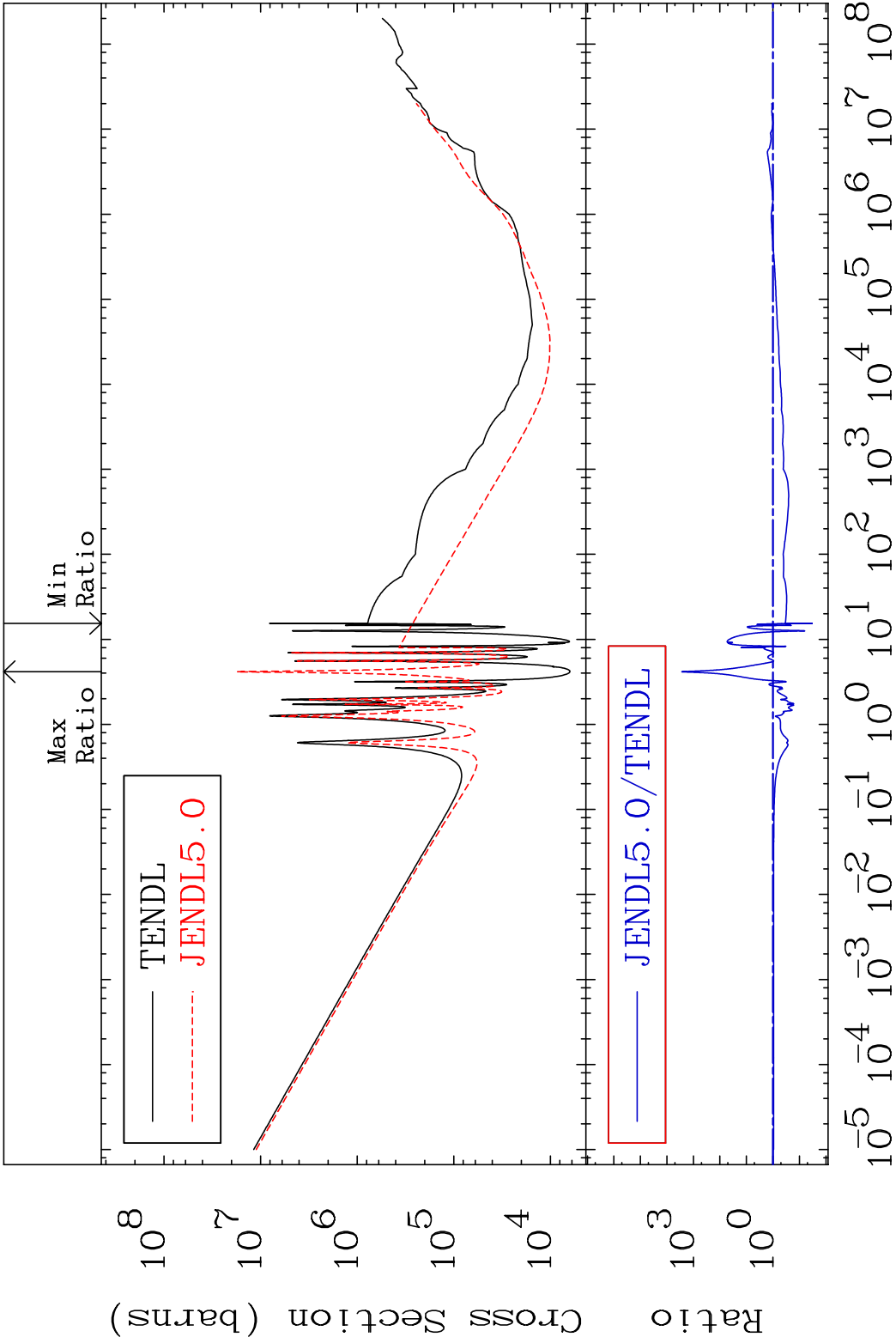


MAT 9031 Total kinematic kerma (high limit) 90-Th-229
Cross Section -96.51 To 9999. %

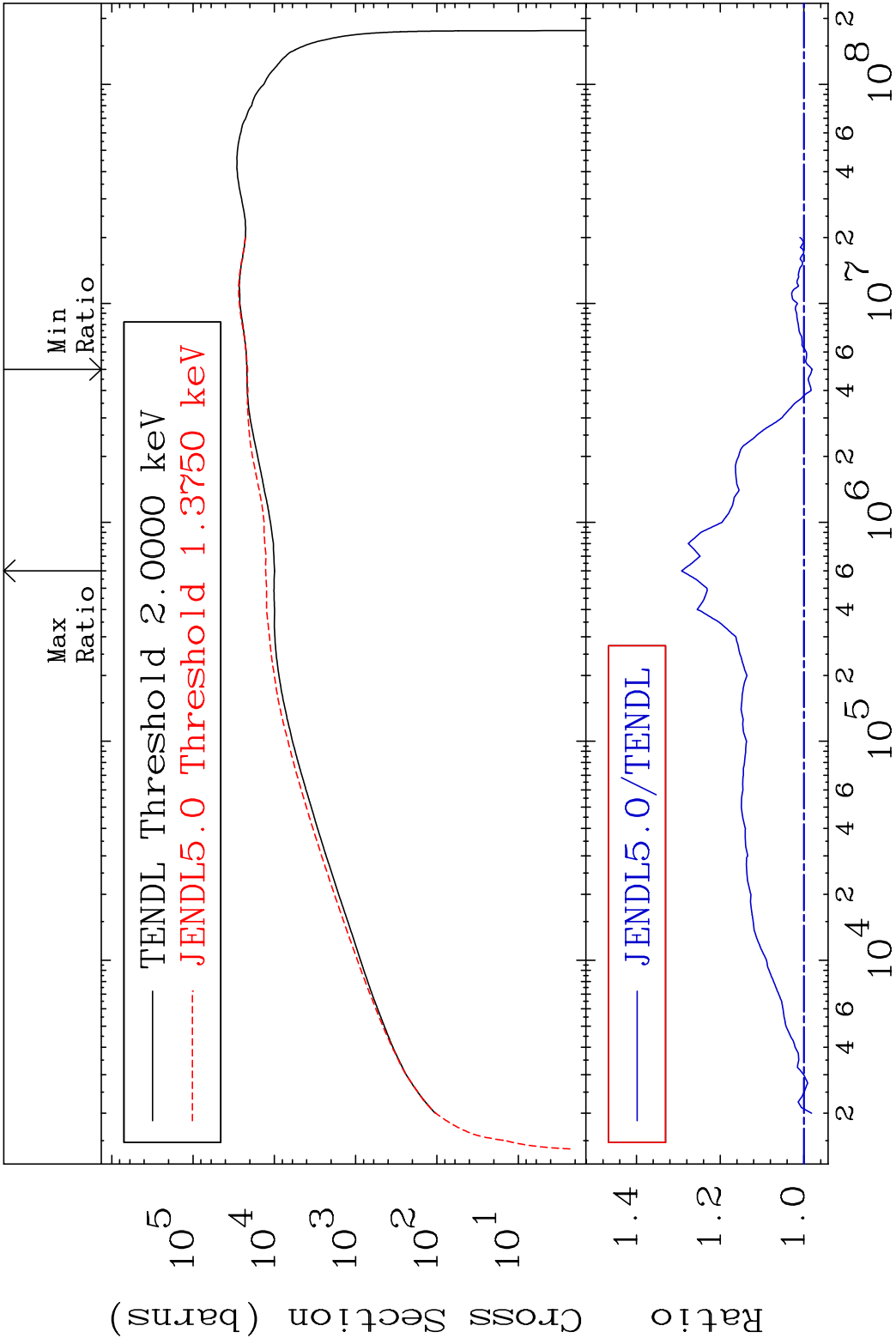


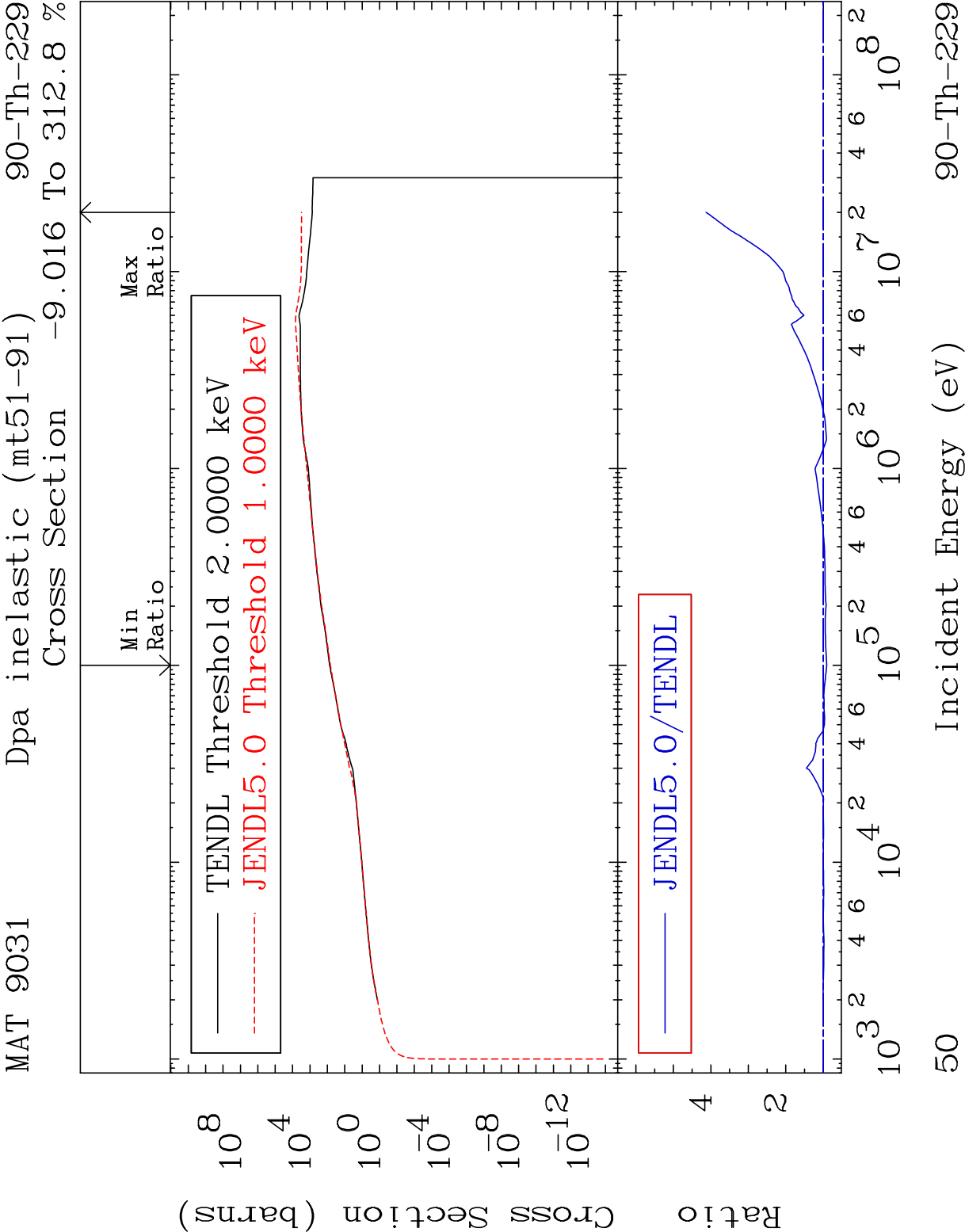
47 Incident Energy (eV) 90-Th-229

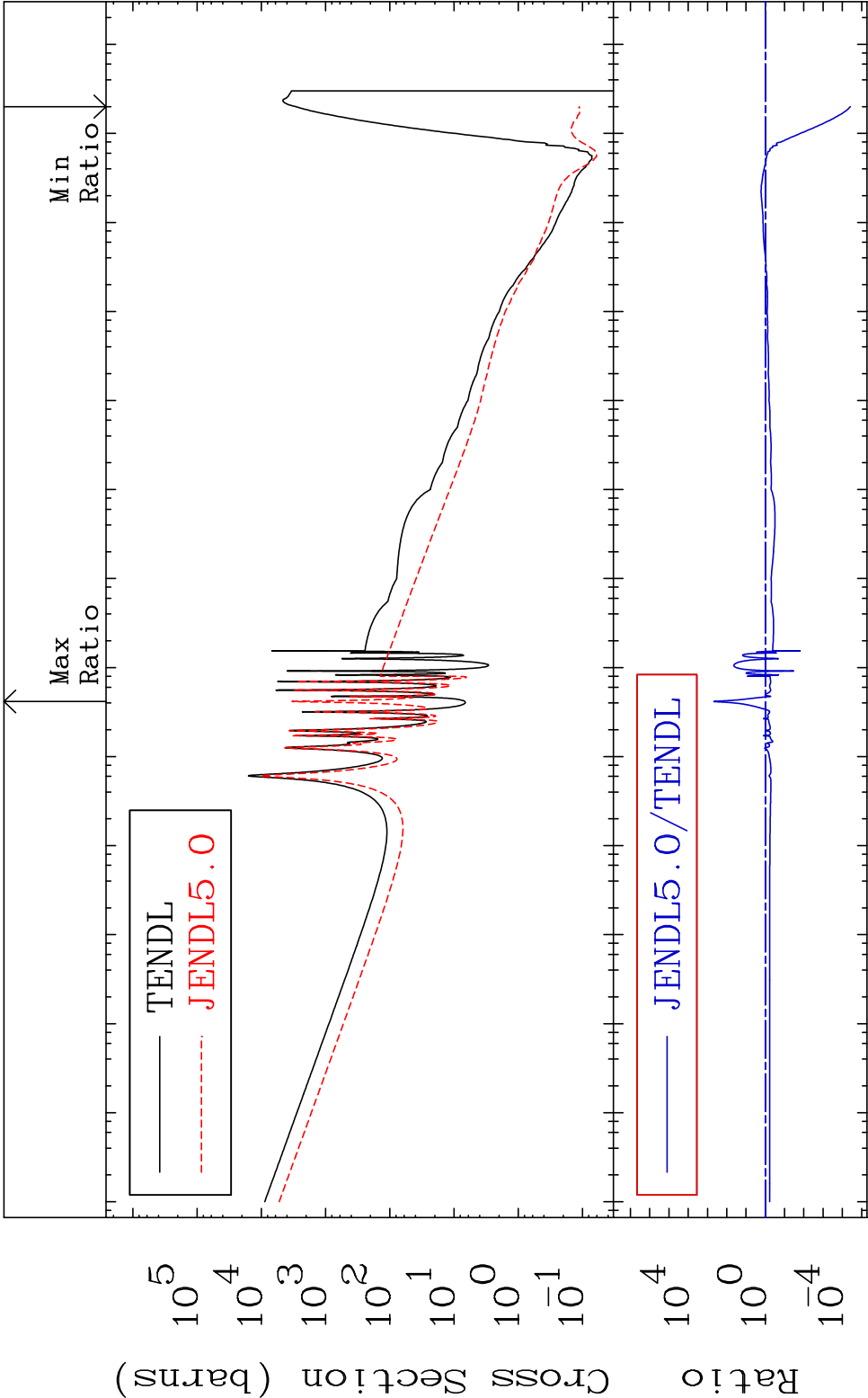
MAT 9031 Dpa total (eV-barns) 90-Th-229
Cross Section -96.71 To 9999. %



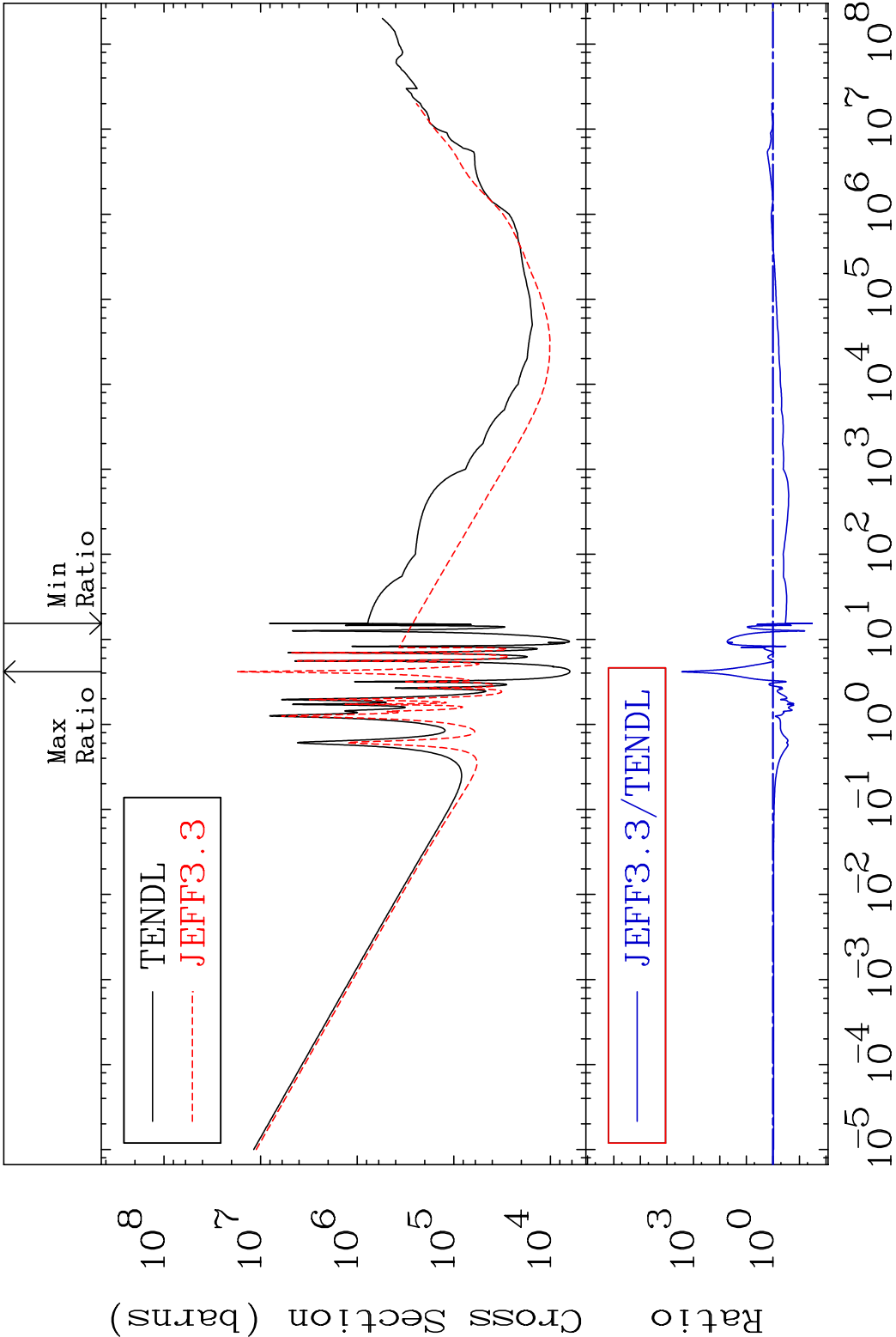
48 Incident Energy (eV) 90-Th-229

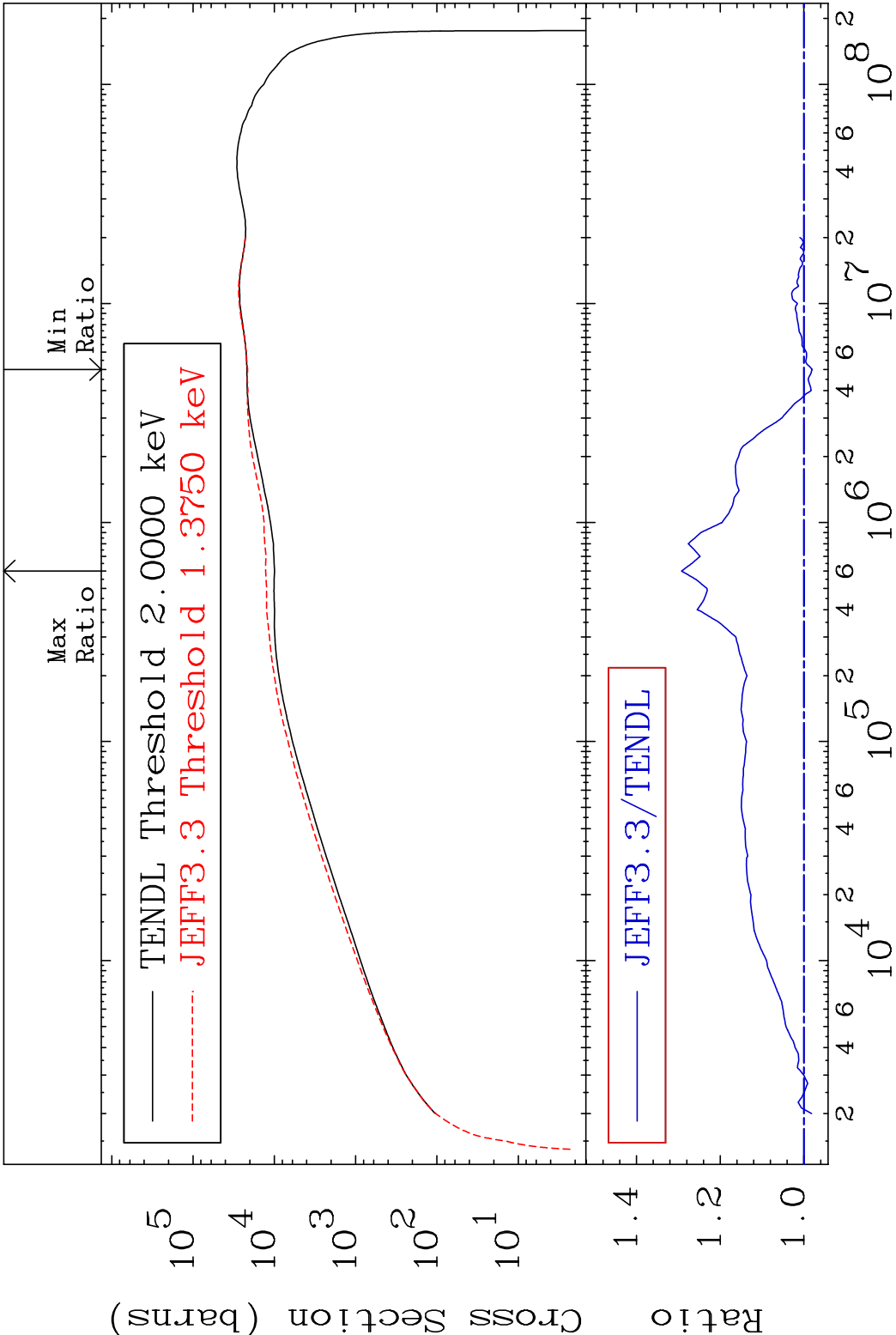


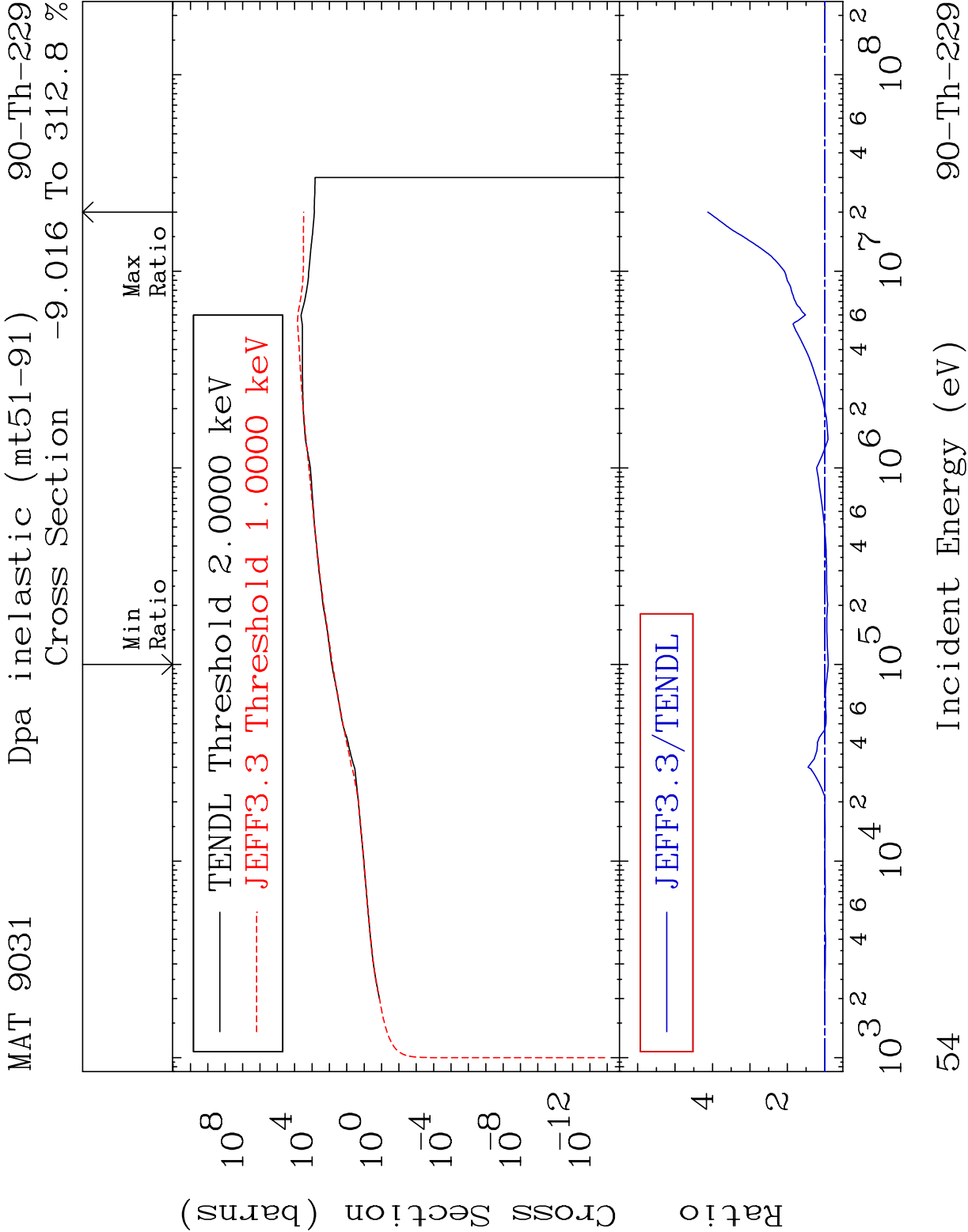




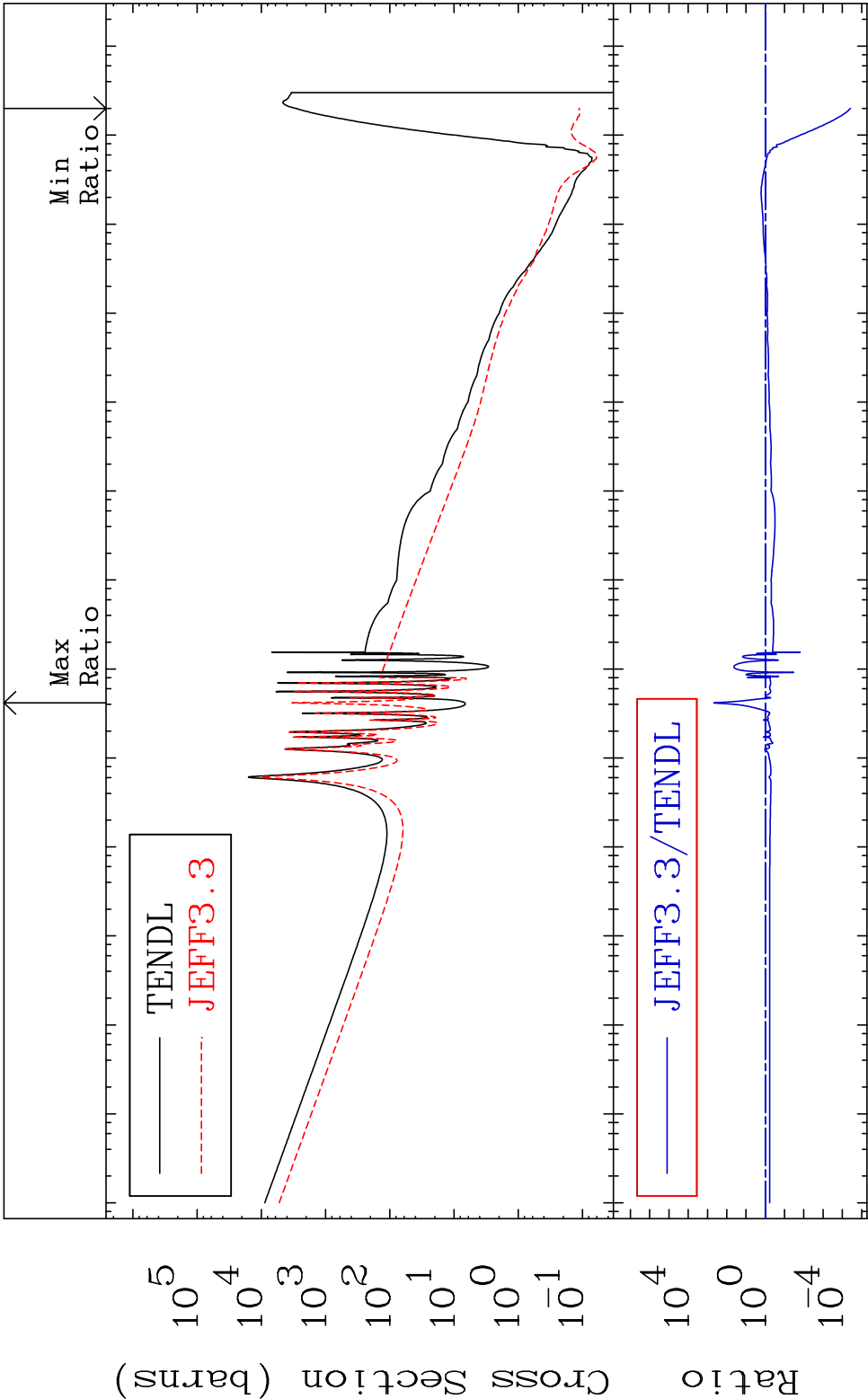
MAT 9031	Dpa total (eV-barns)	90-Th-229
	Cross Section	-96.71 To 9999. %







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



55 Incident Energy (eV) 90-Th-229