

Program Complot
(Version 2021-1)

by

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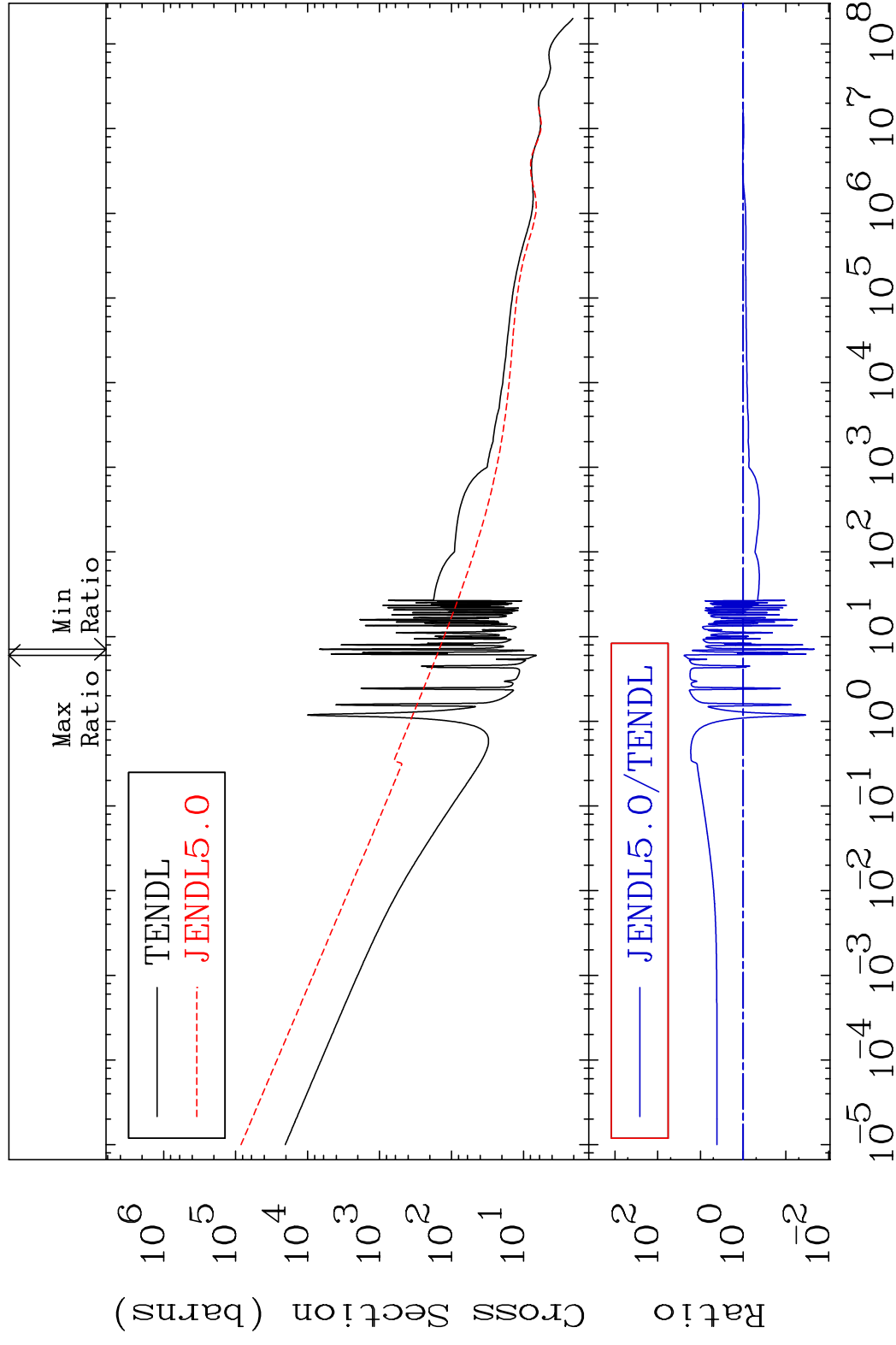
Press Mouse Button to Start

MAT 9037

Total

90-Th-231

Cross Section -97.83 To $2320. \%$



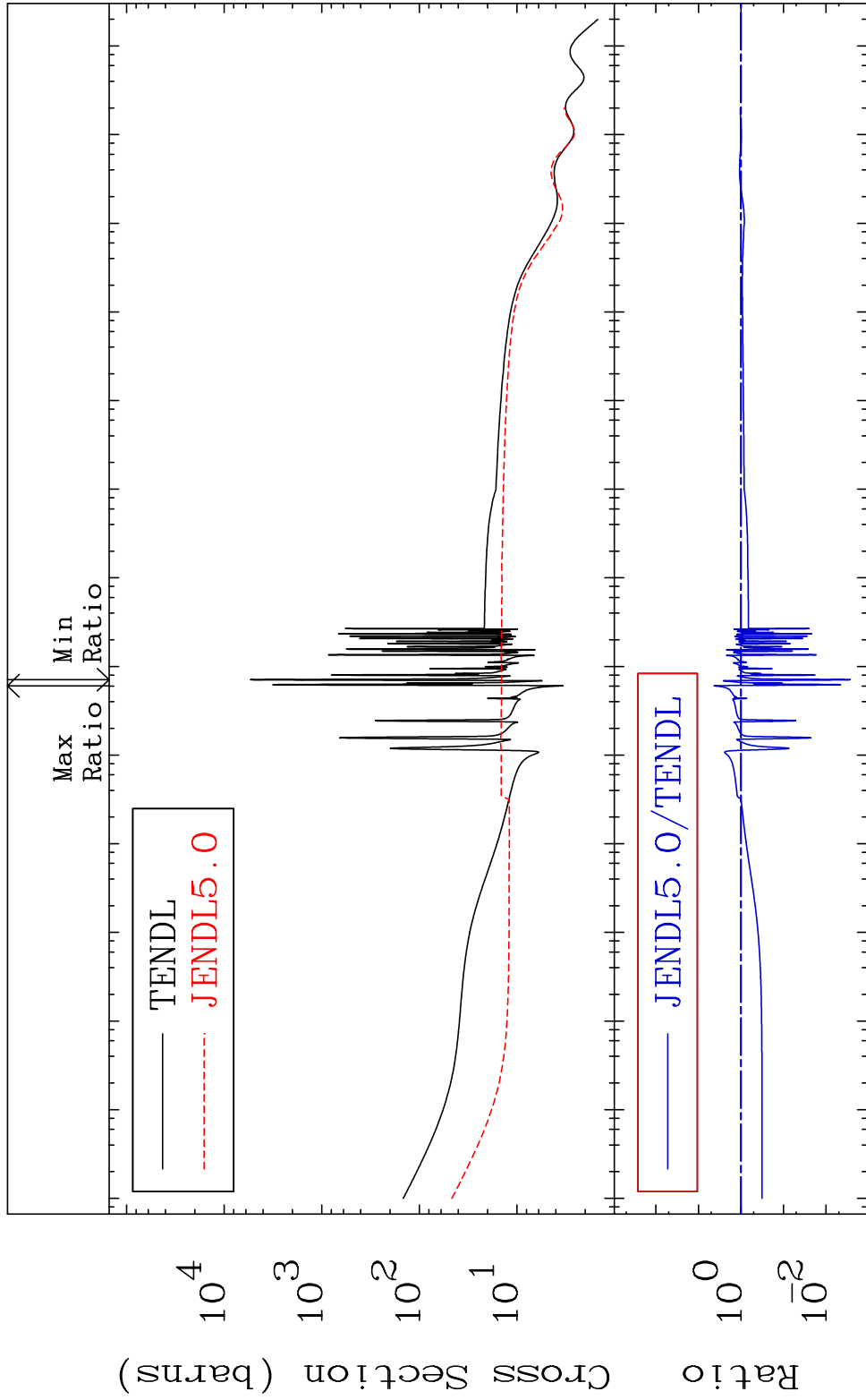
1	Incident Energy (eV)	90-Th-231
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MAT 9037

Elastic

90-Th-231

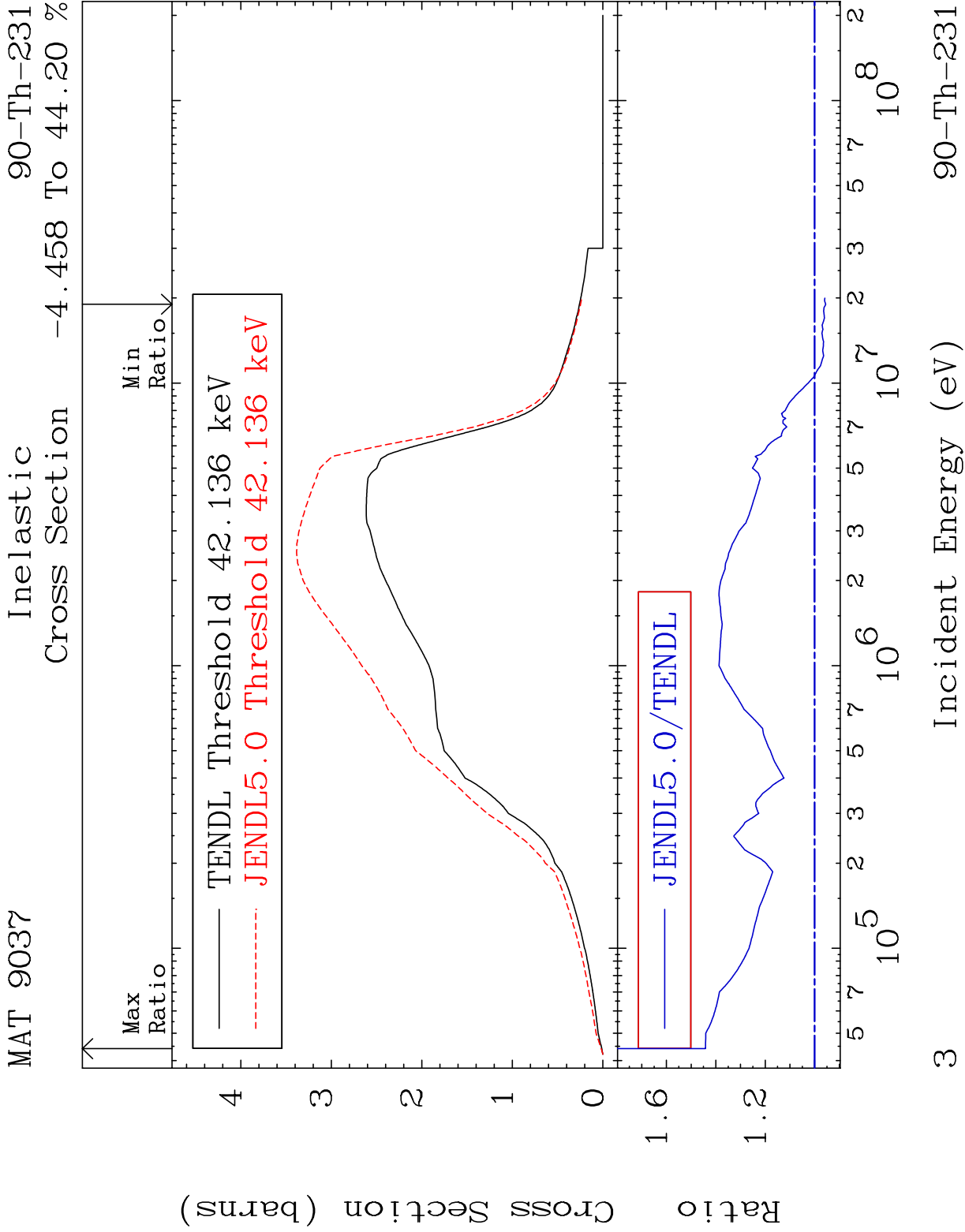
Cross Section -99.73 To 329.8 %

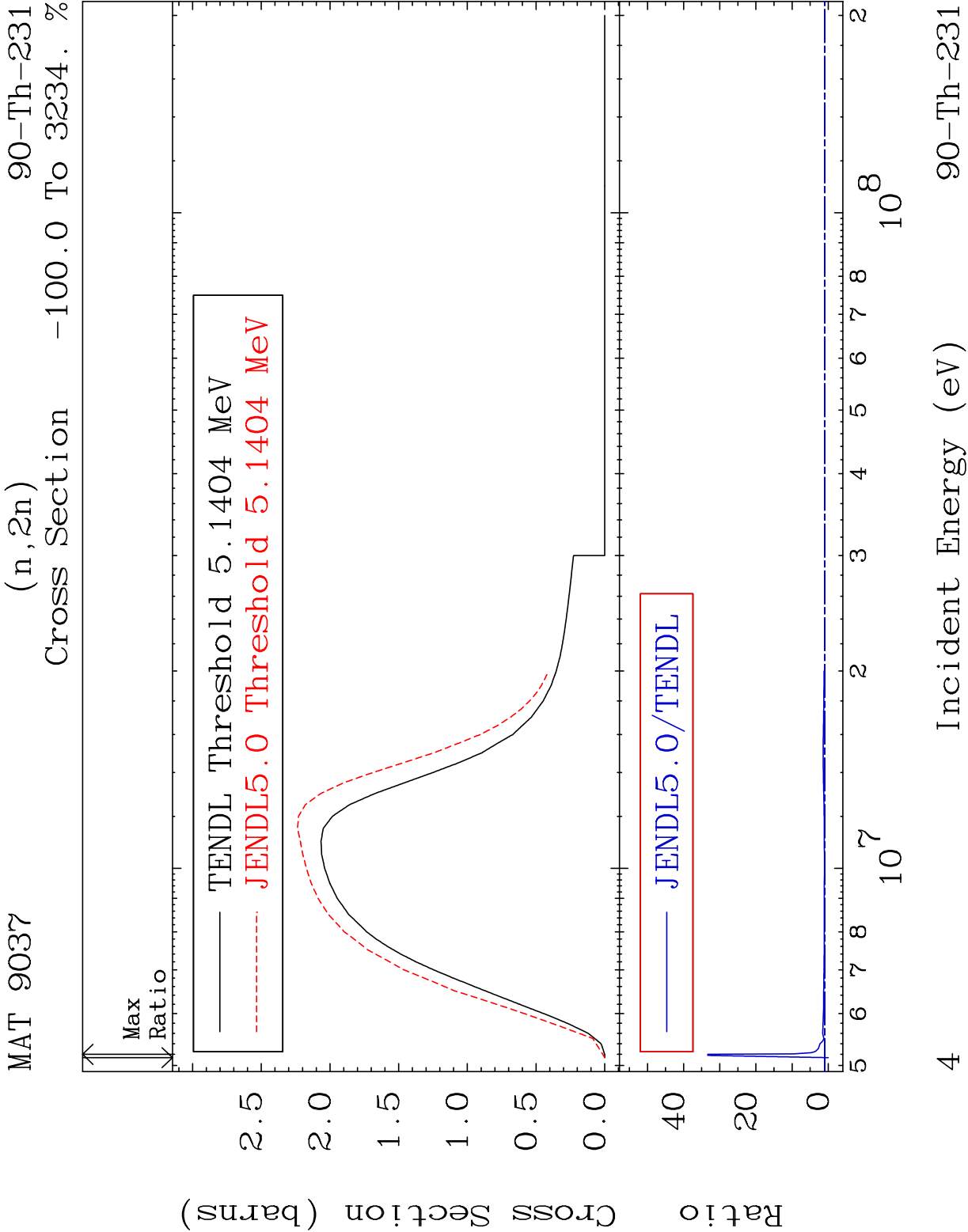


2

Incident Energy (eV)

90-Th-231



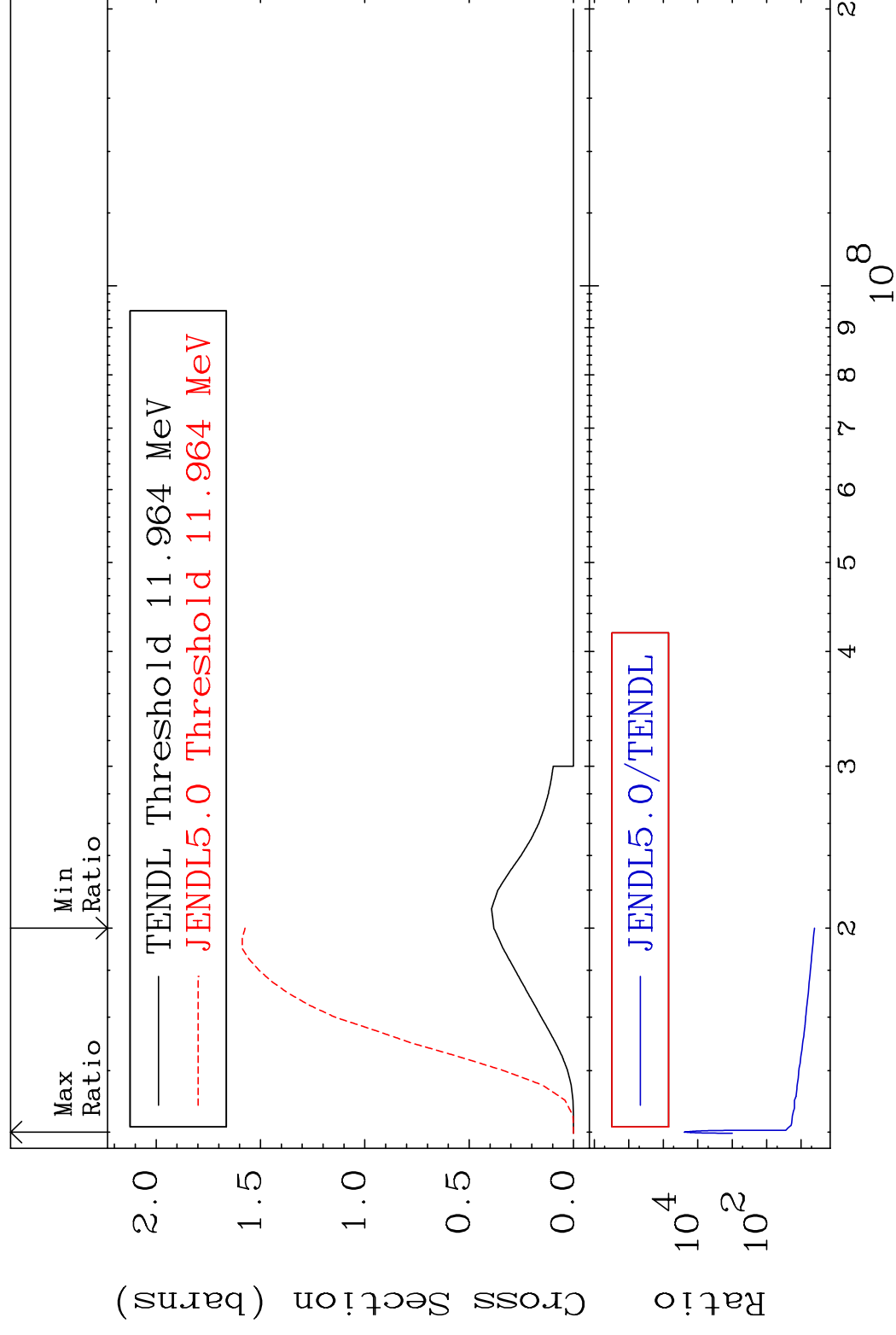


MAT 9037

$$(n, 3n)$$

90-Th-231

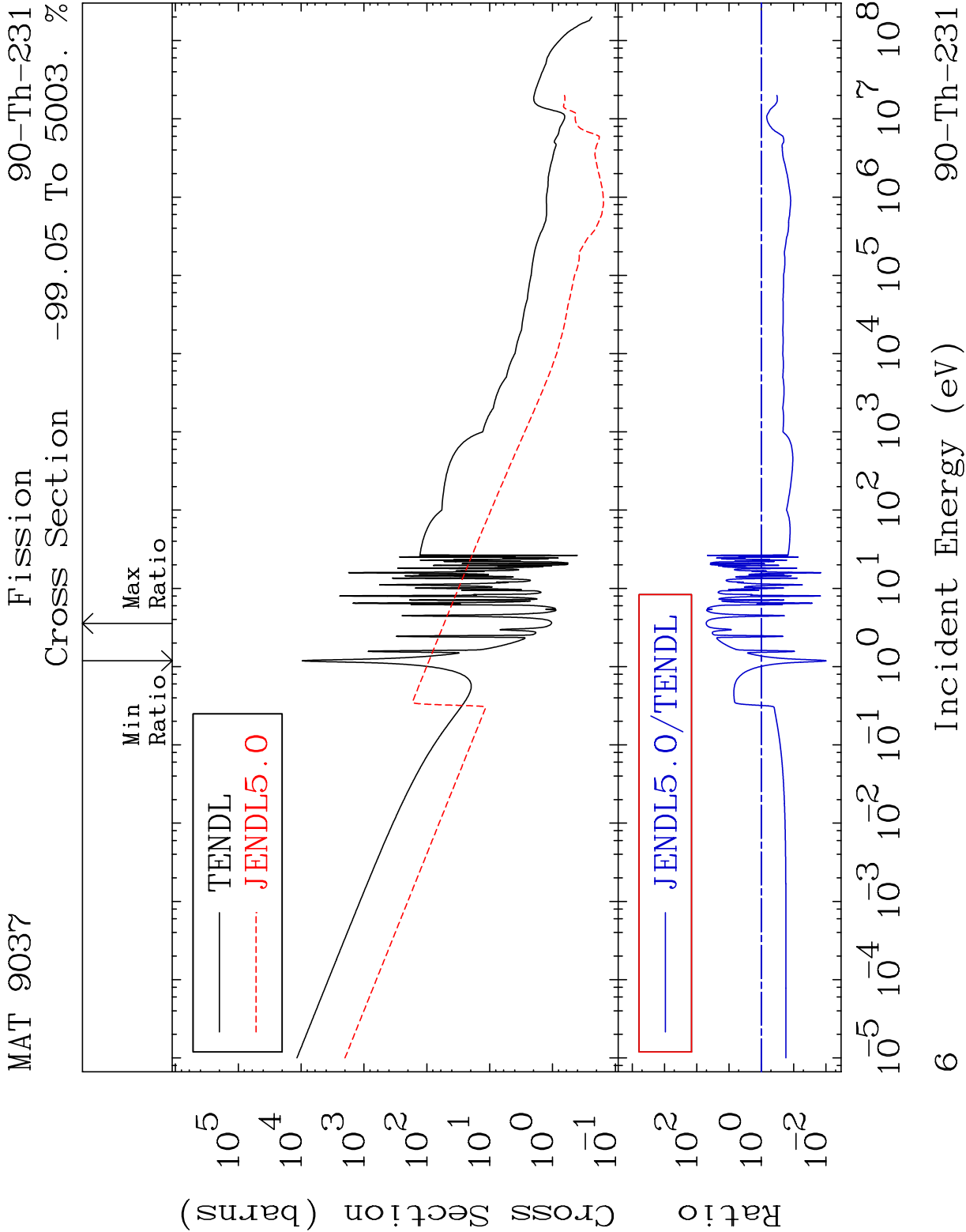
Cross Section	312.3	To 9999. %

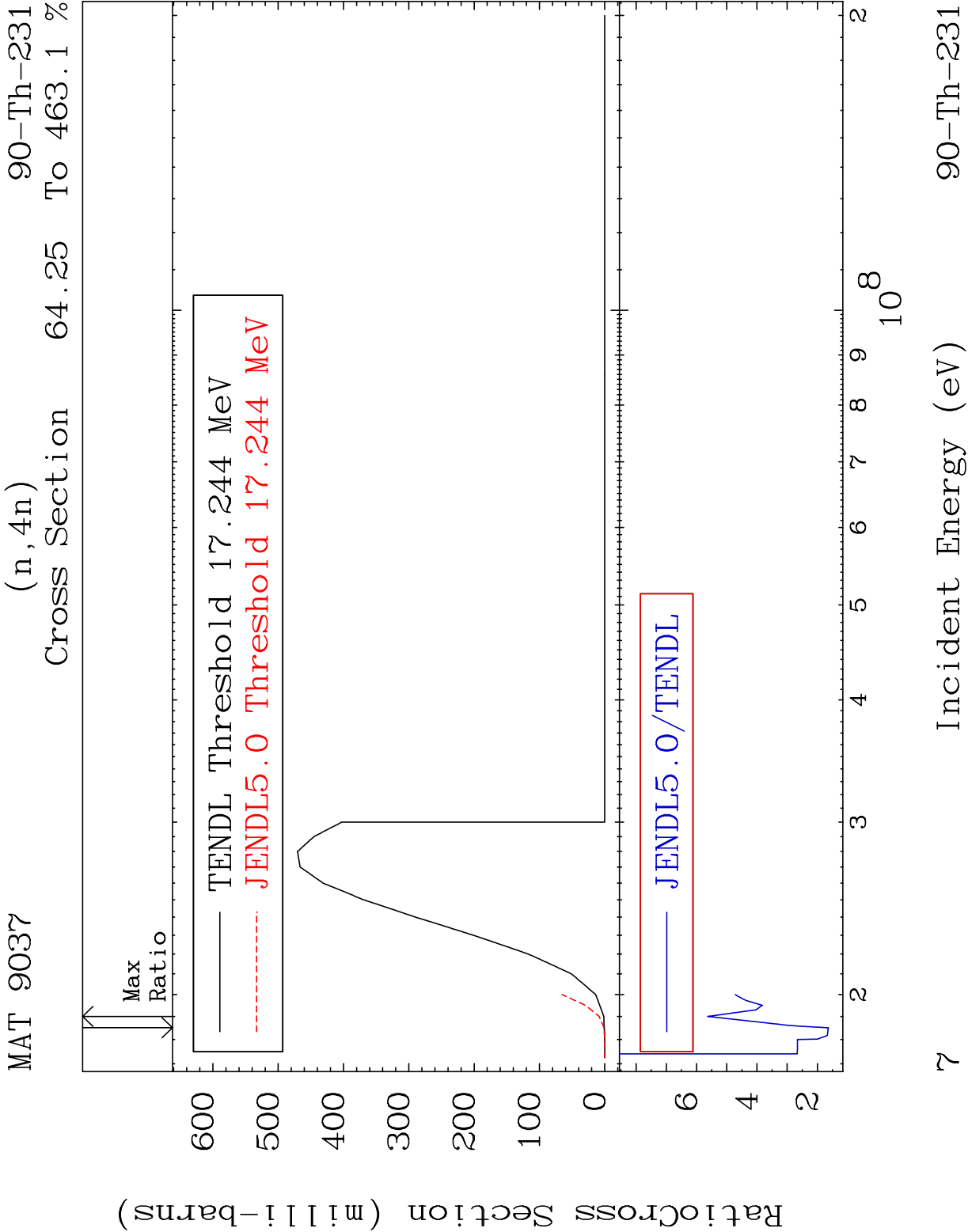


5

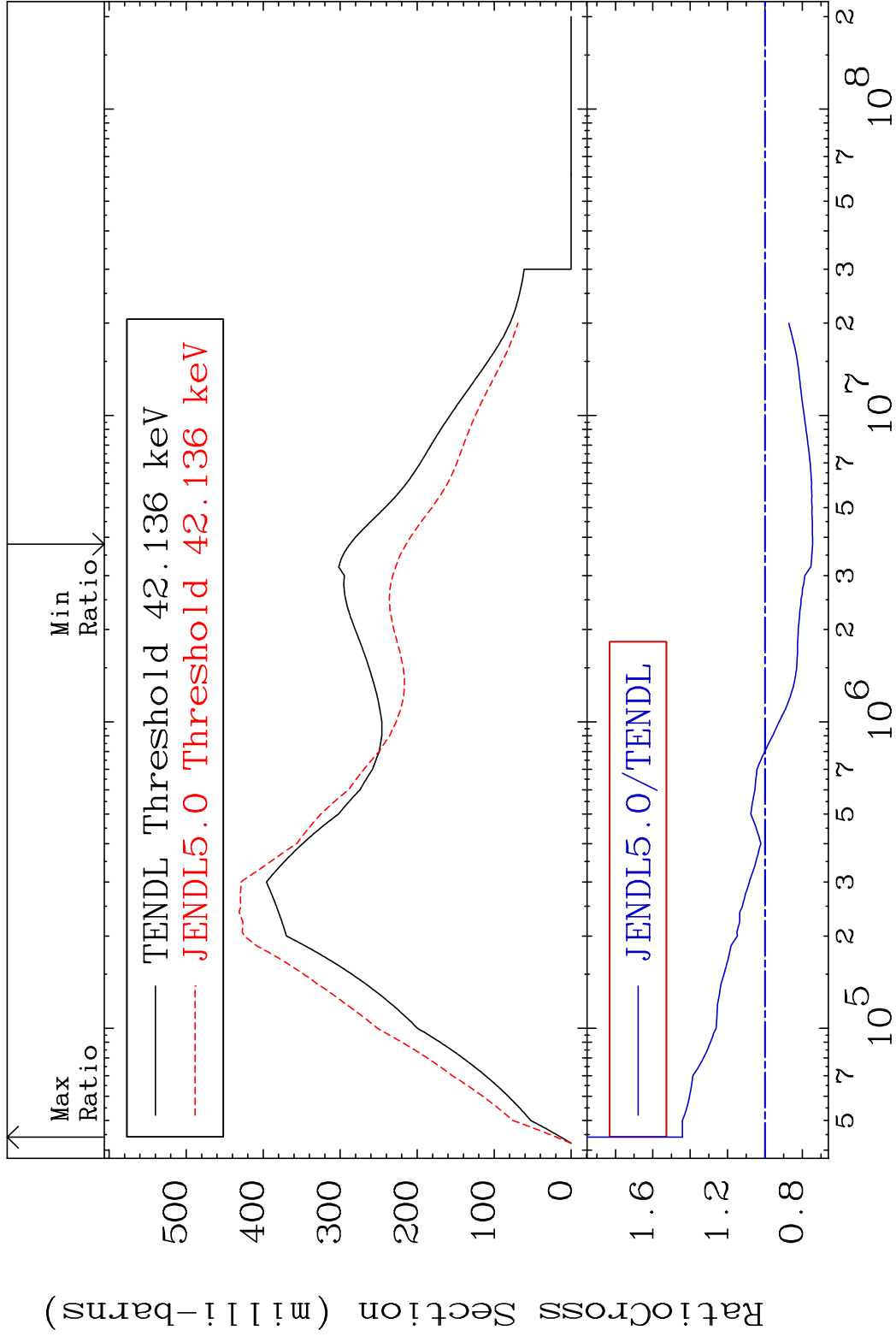
Incident Energy (eV)

90-Th-231

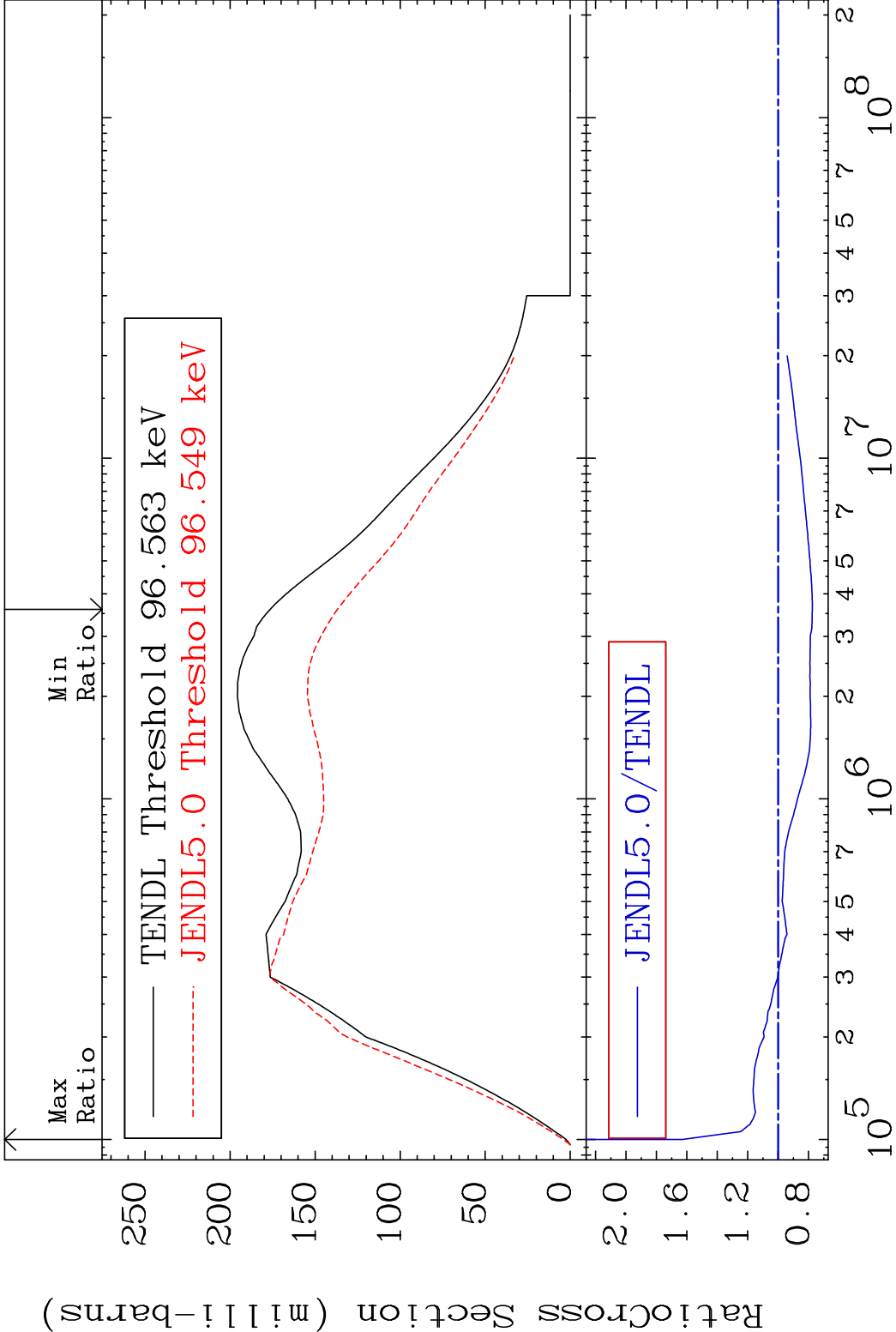




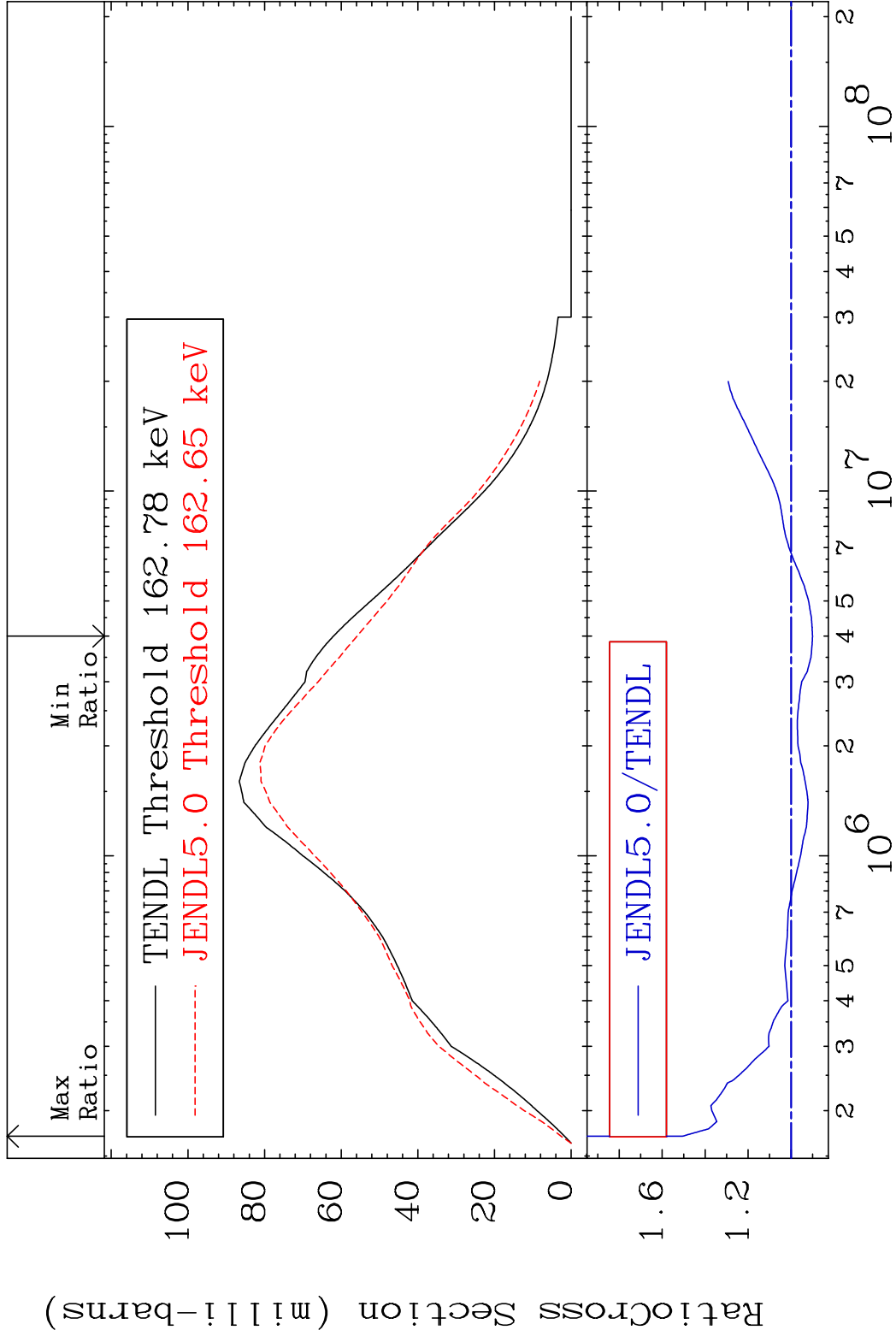
MAT 9037 MT= 51 (n,n') Level 90-Th-231
Cross Section -25.48 To 44.20 %



MAT 9037 MT= 52 (n,n') Level 90-Th-231
Cross Section -22.45 To 63.38 %



MAT 9037 MT= 53 (n,n') Level 90-Th-231
Cross Section -9.992 To 50.60 %



10 Incident Energy (eV) 90-Th-231

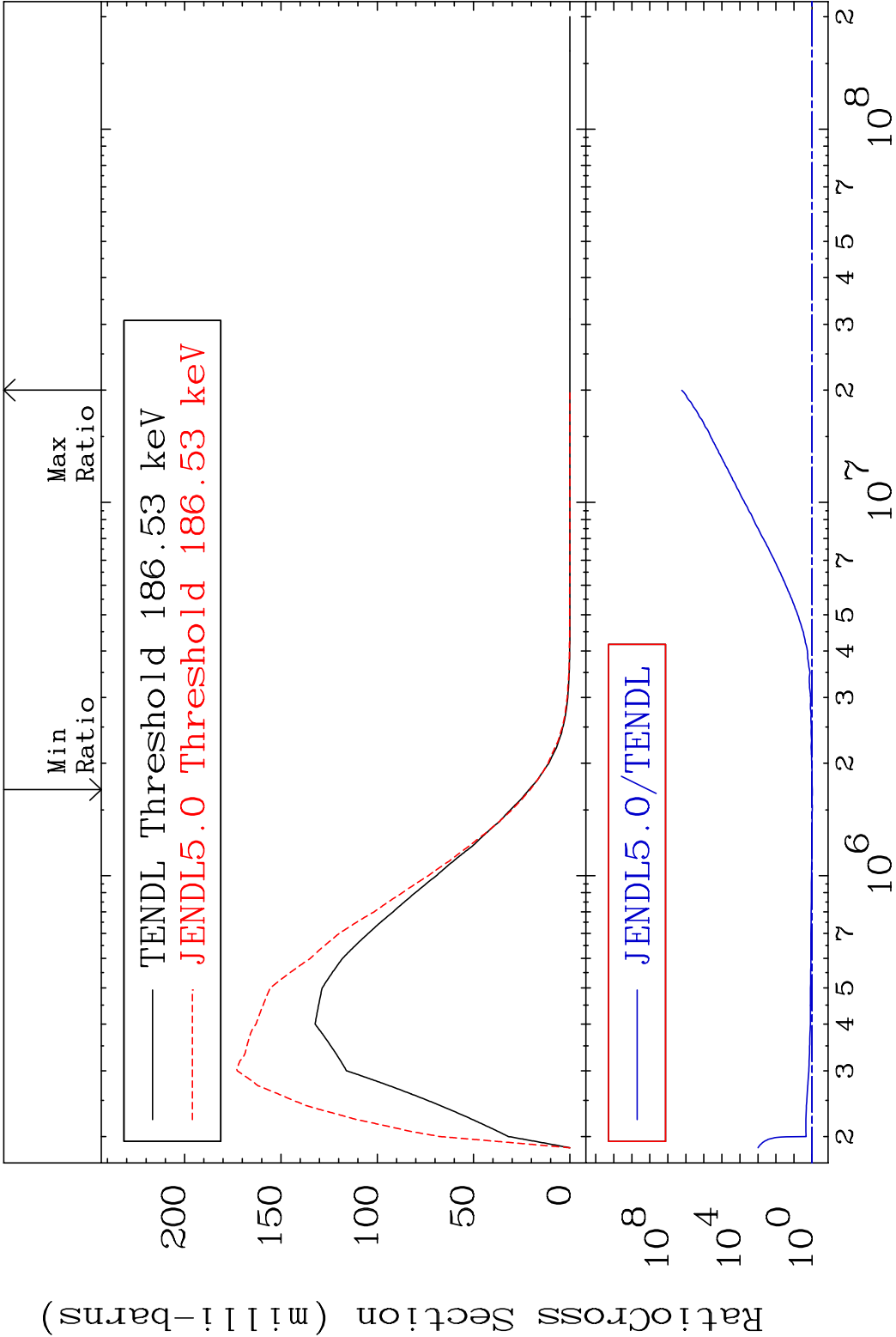
MAT 9037

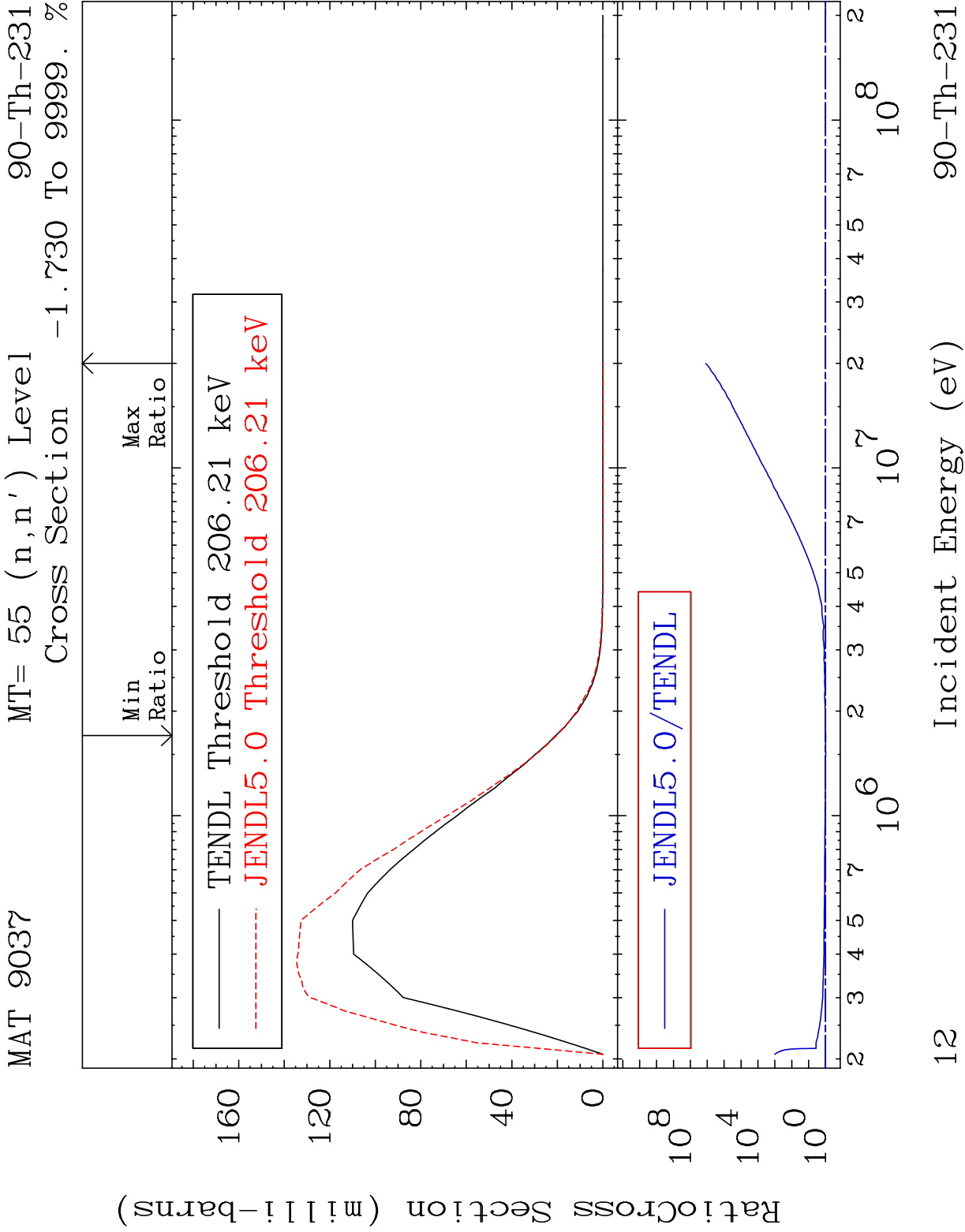
MT= 54 (n,n') Level

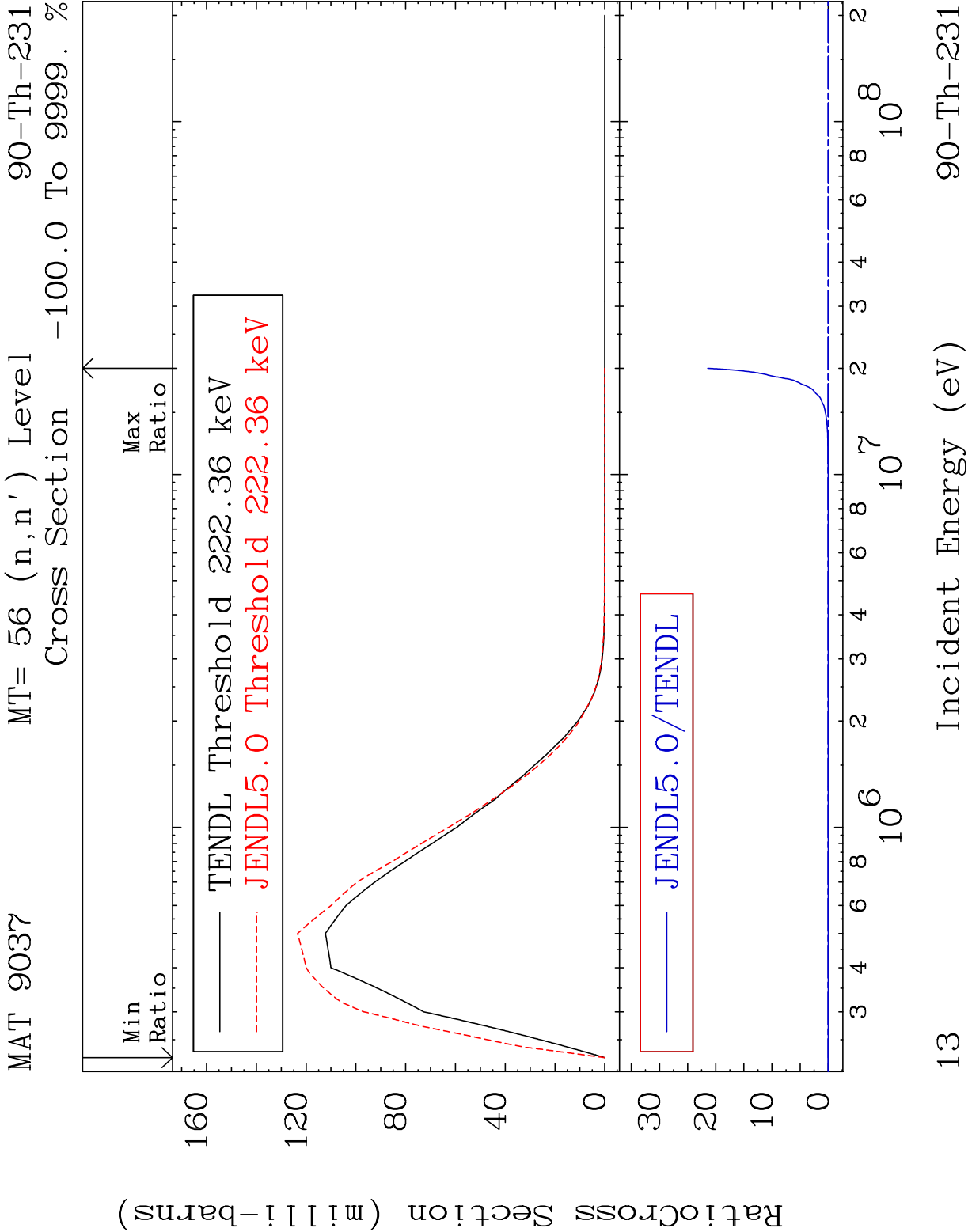
90-Th-231

Cross Section

-2.858 To 9999. %







MAT 9037

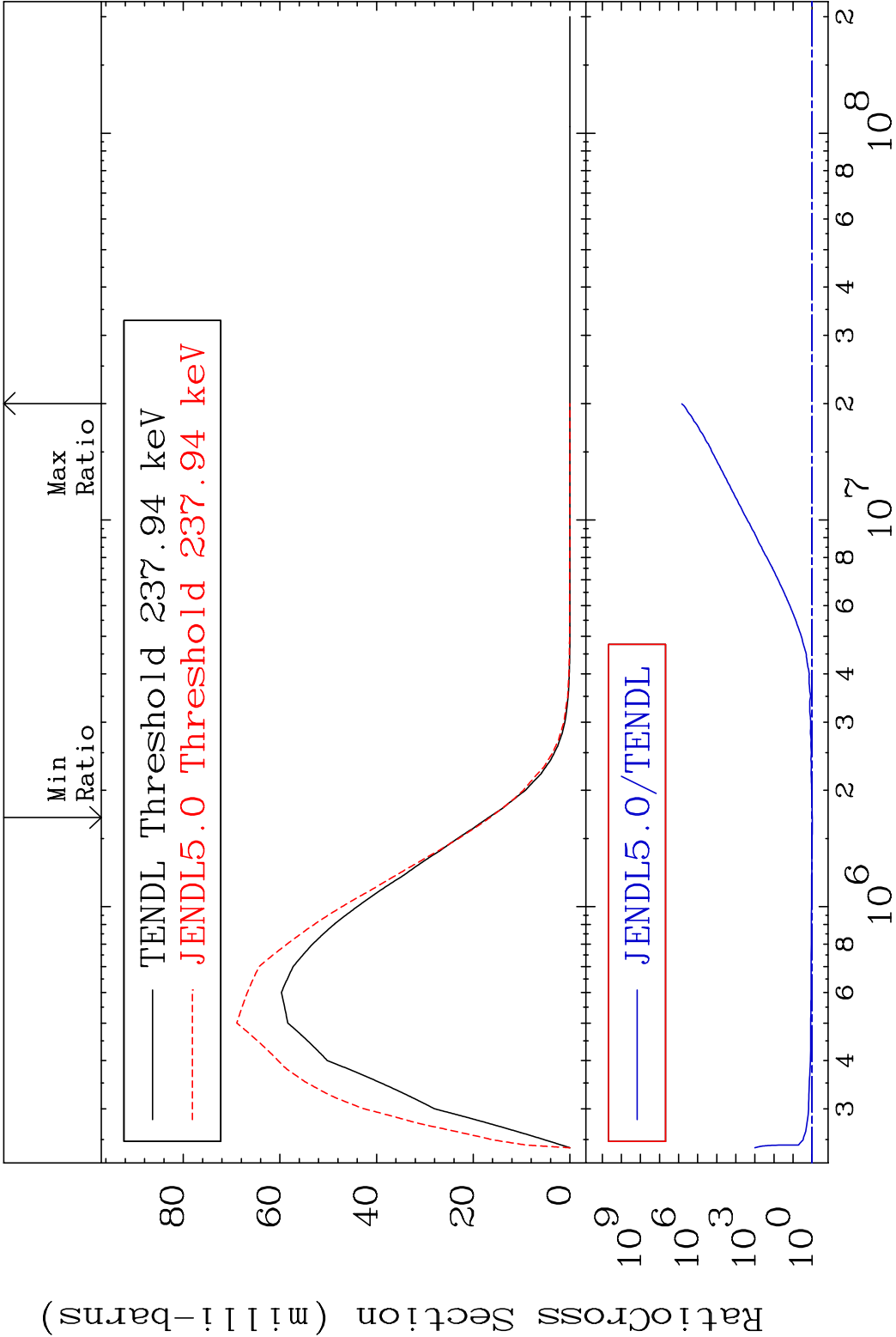
MT= 57 (n,n')

Level

90-Th-231

Cross Section

-1.895 To 9999. %

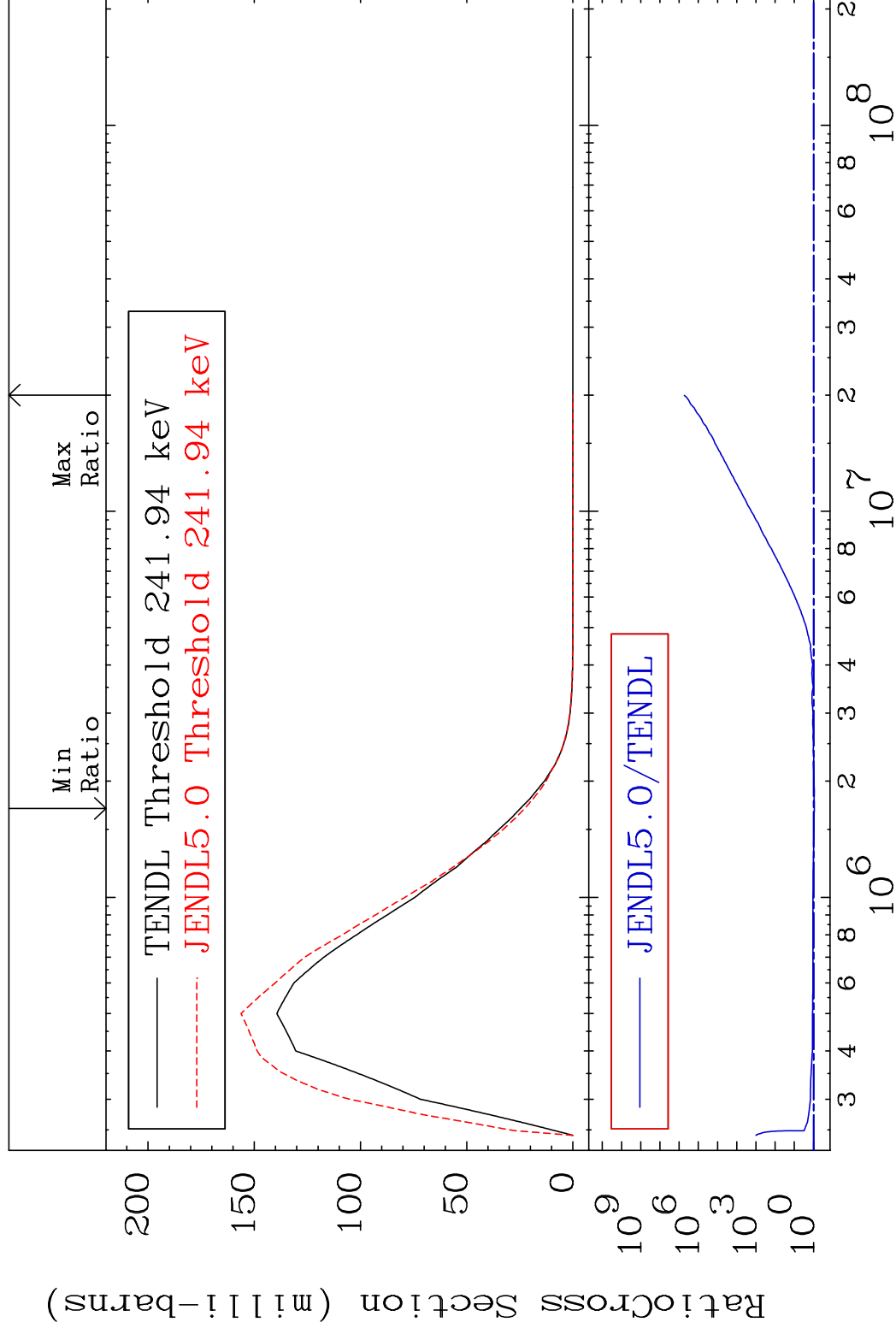


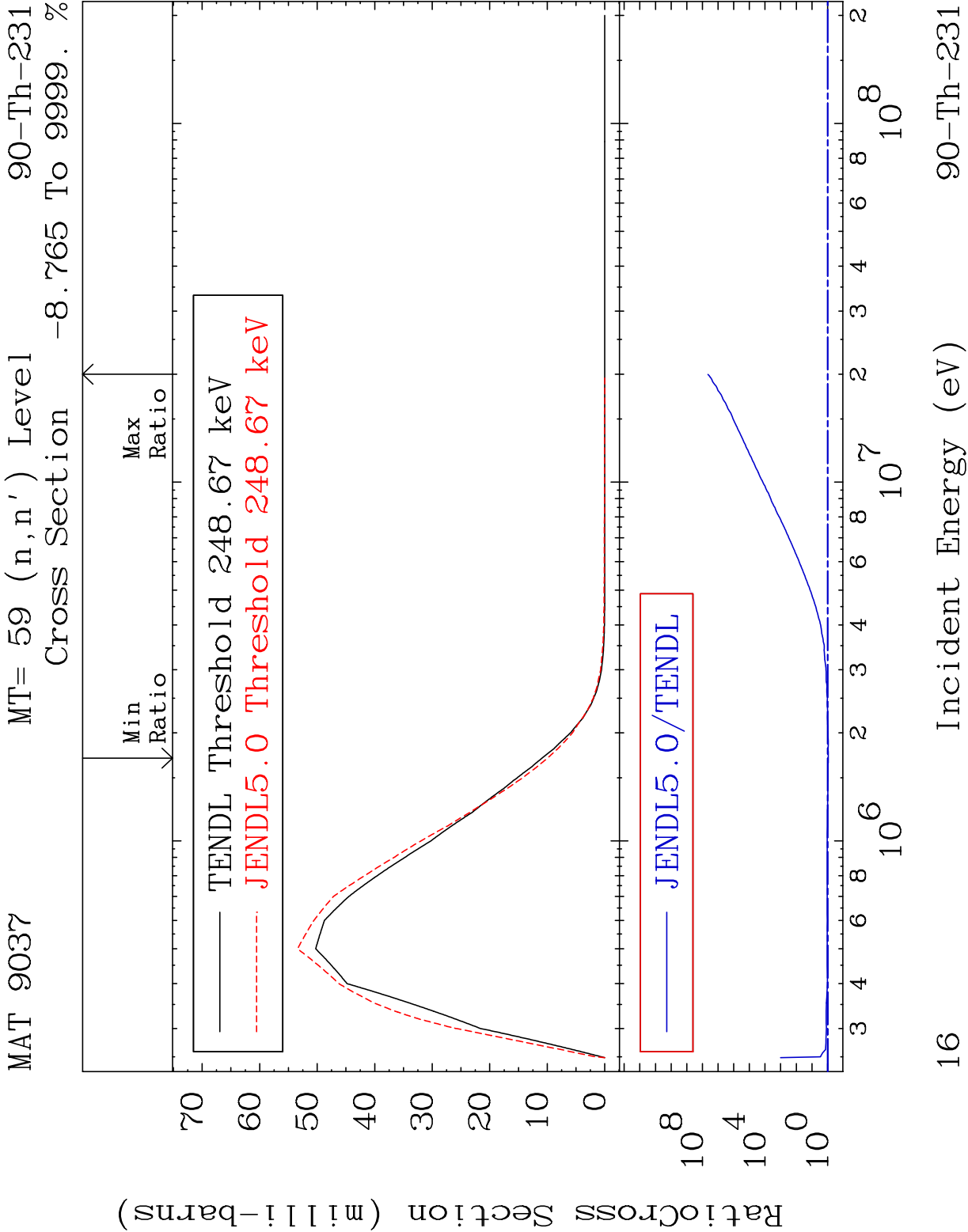
MAT 9037

MT= 58 (n, n') Level

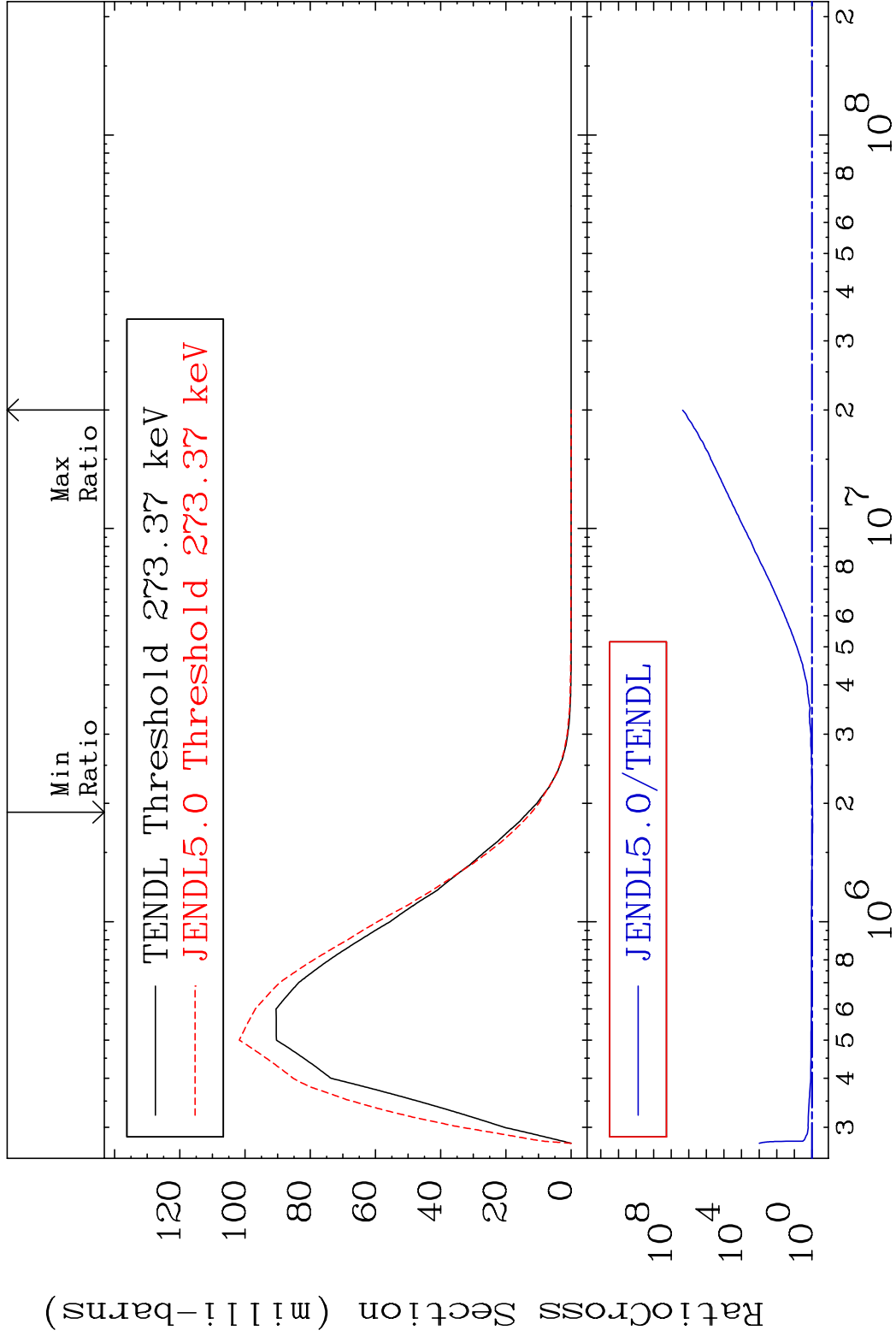
90-Th-231

Cross Section	-8.440 To 9999. %
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MAT 9037 MT= 60 (n,n') Level 90-Th-231
Cross Section -7.965 To 9999. %



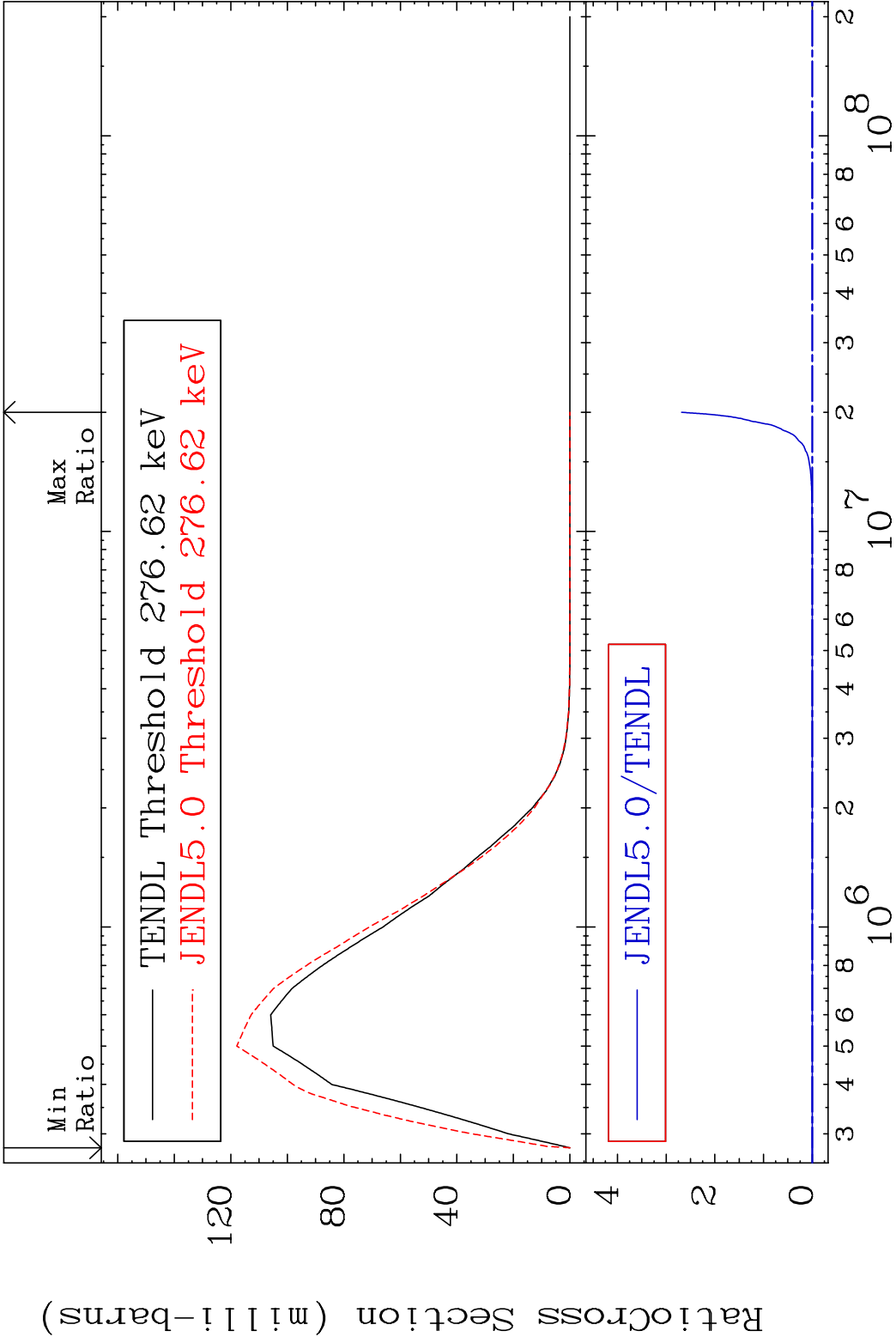
MAT 9037

MT= 61 (n,n') Level

90-Th-231

Cross Section

-100.0 To 9999. %

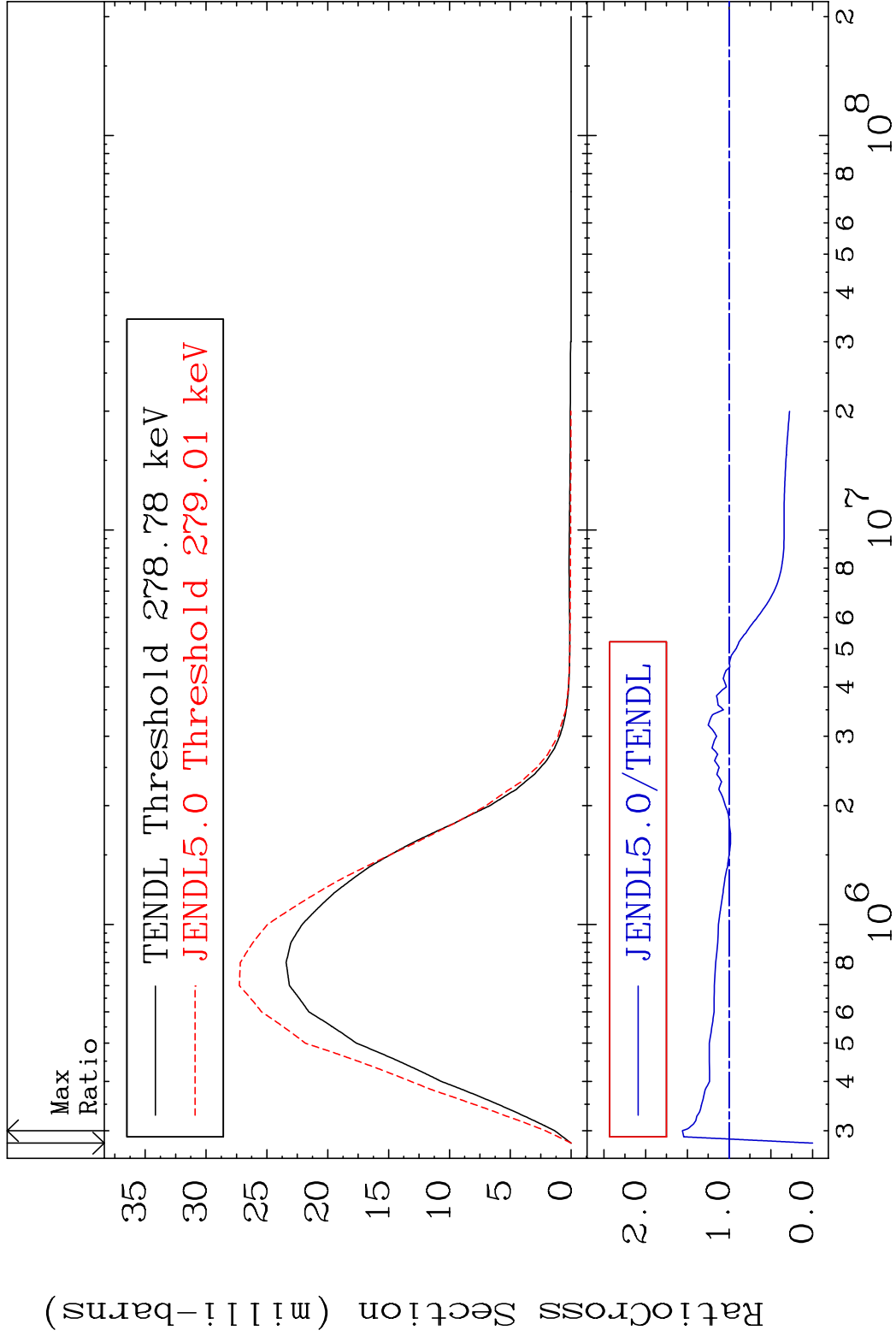


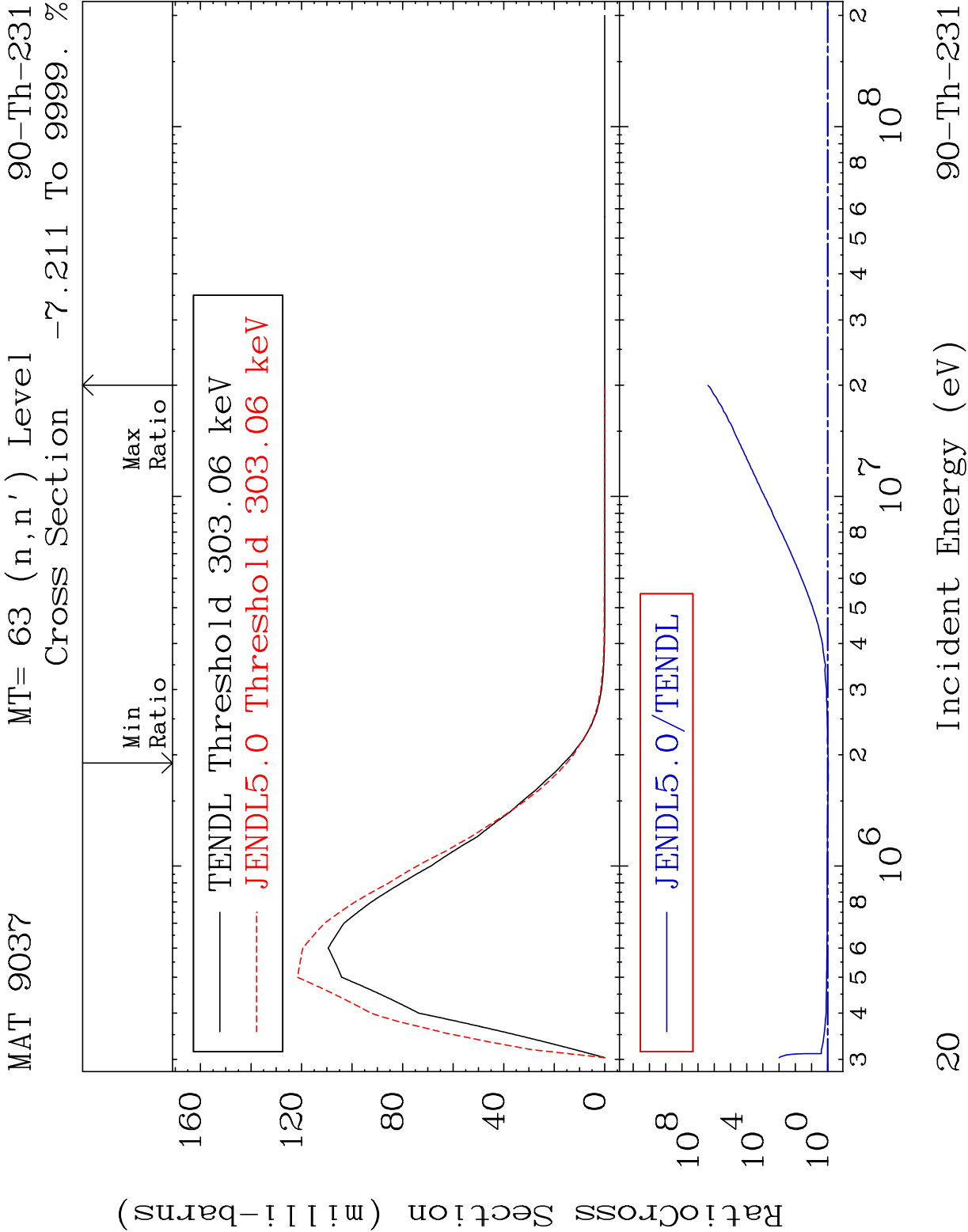
18

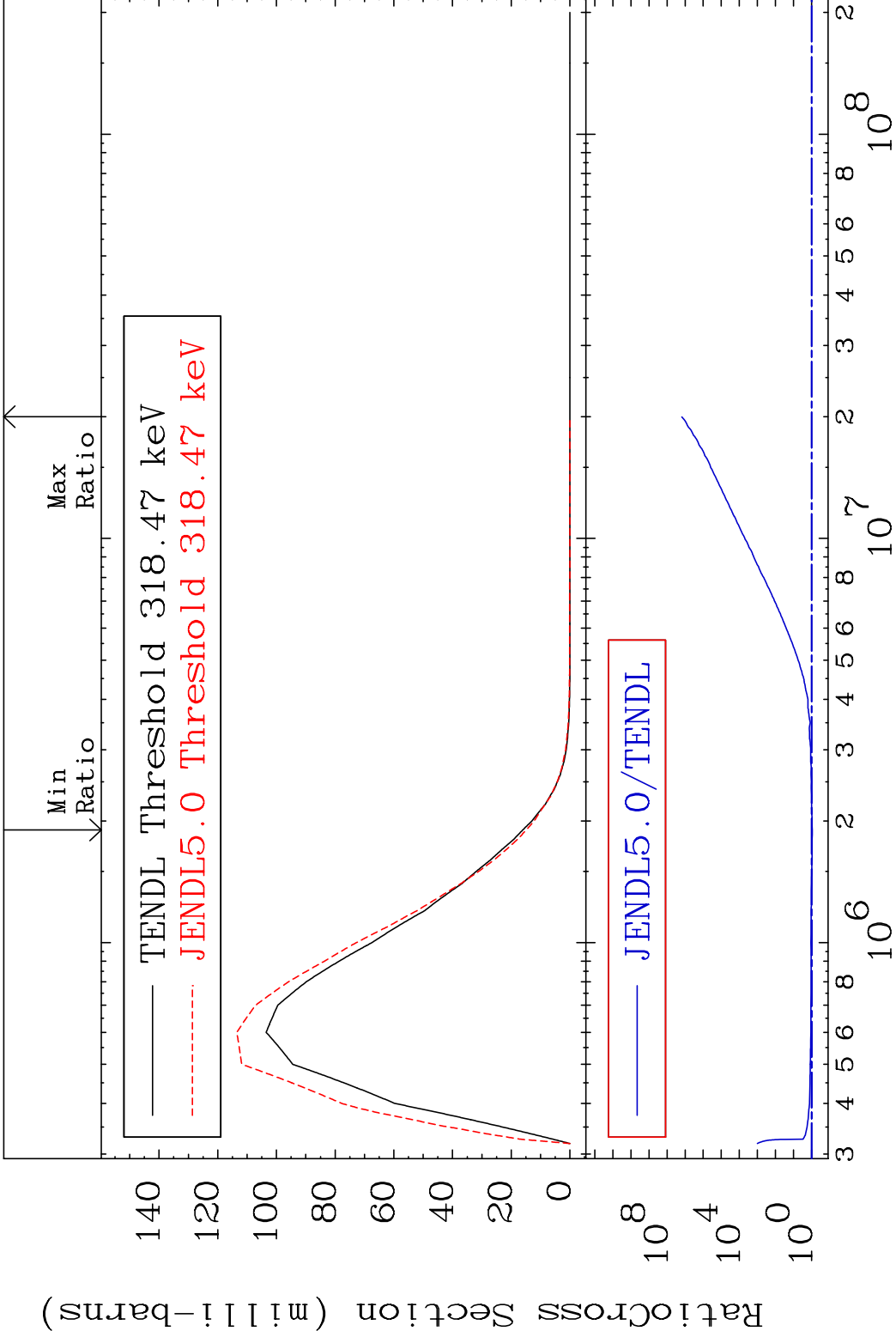
Incident Energy (eV)

90-Th-231

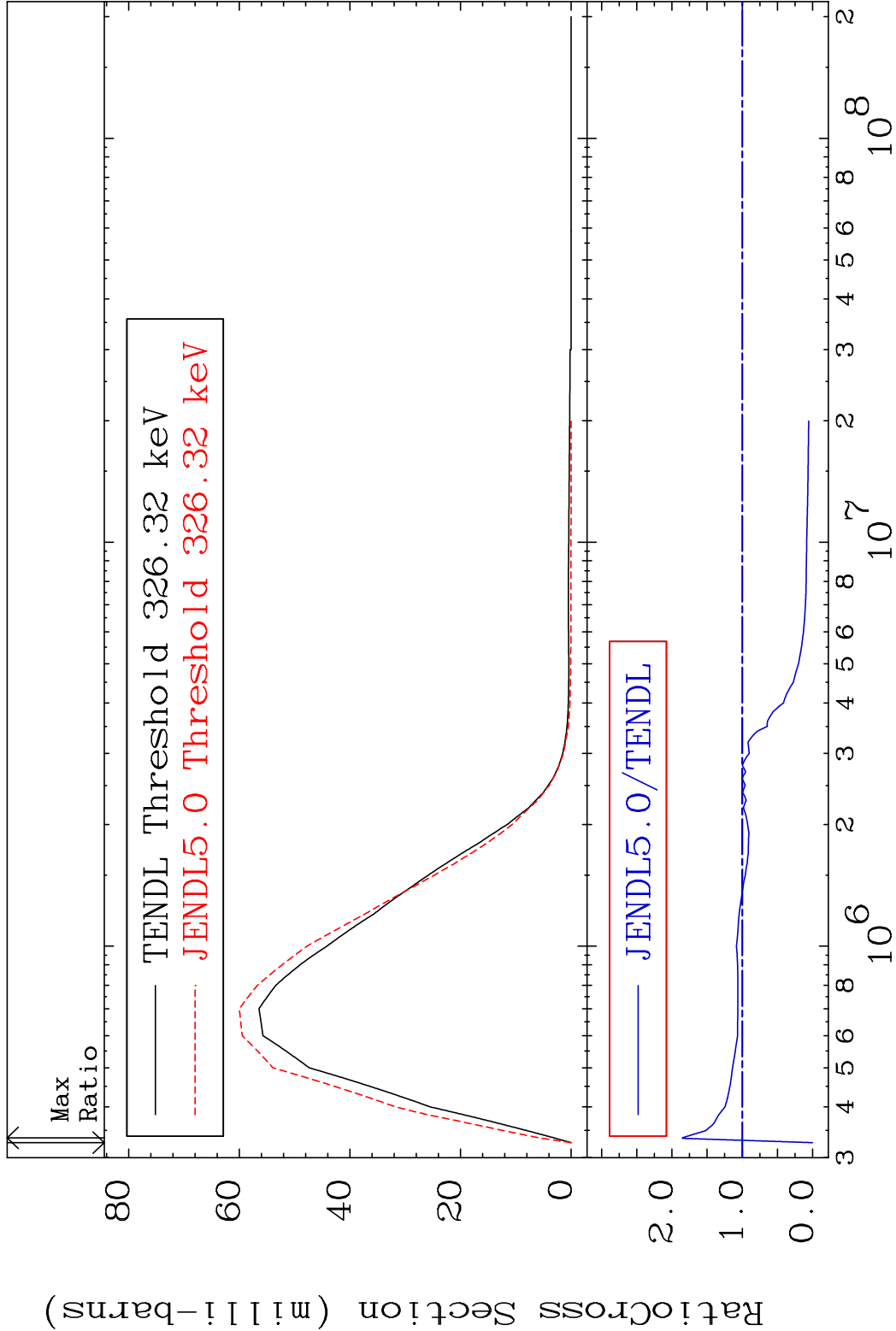
MAT 9037 MT= 62 (n,n') Level 90-Th-231
Cross Section -100.0 To 56.05 %



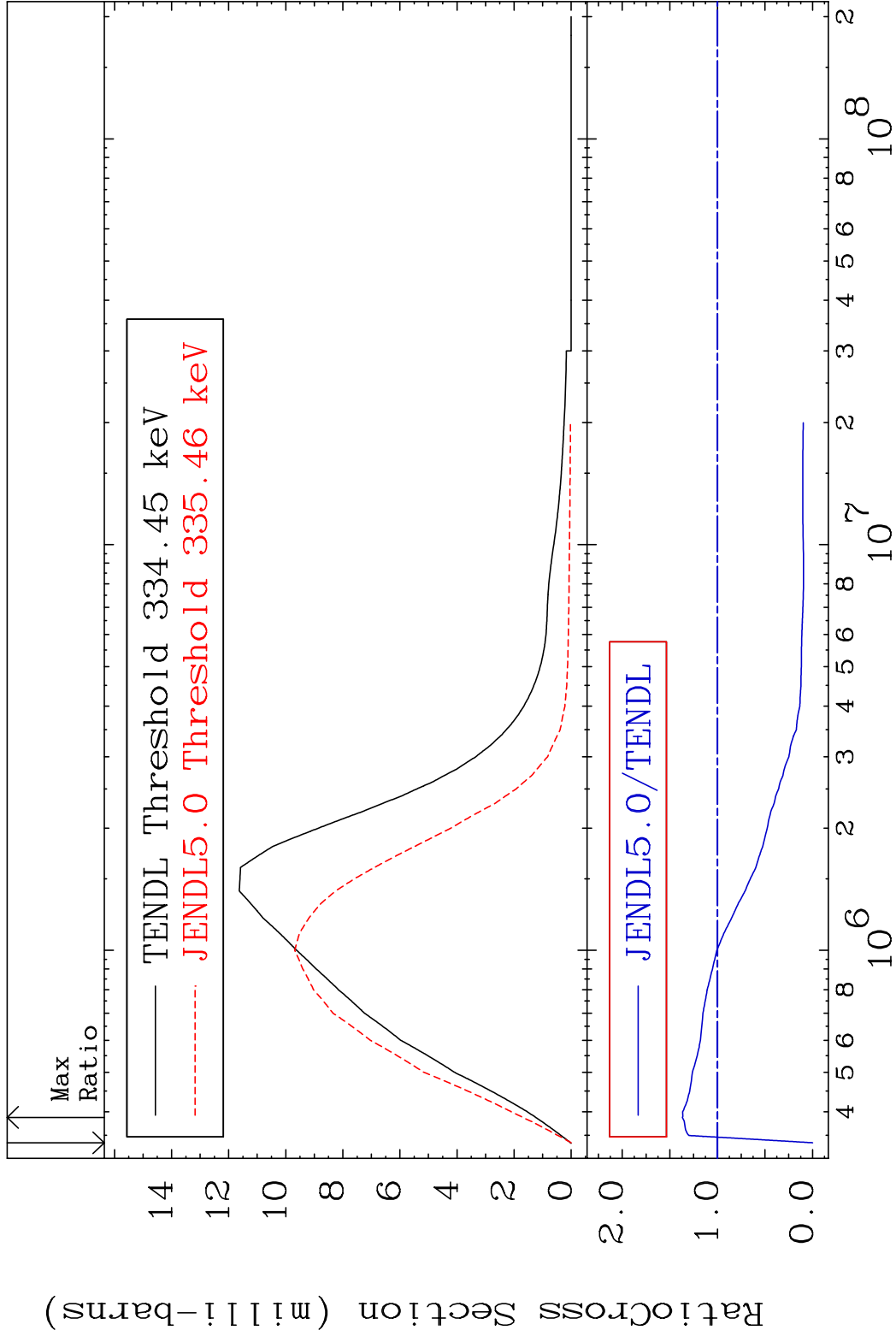




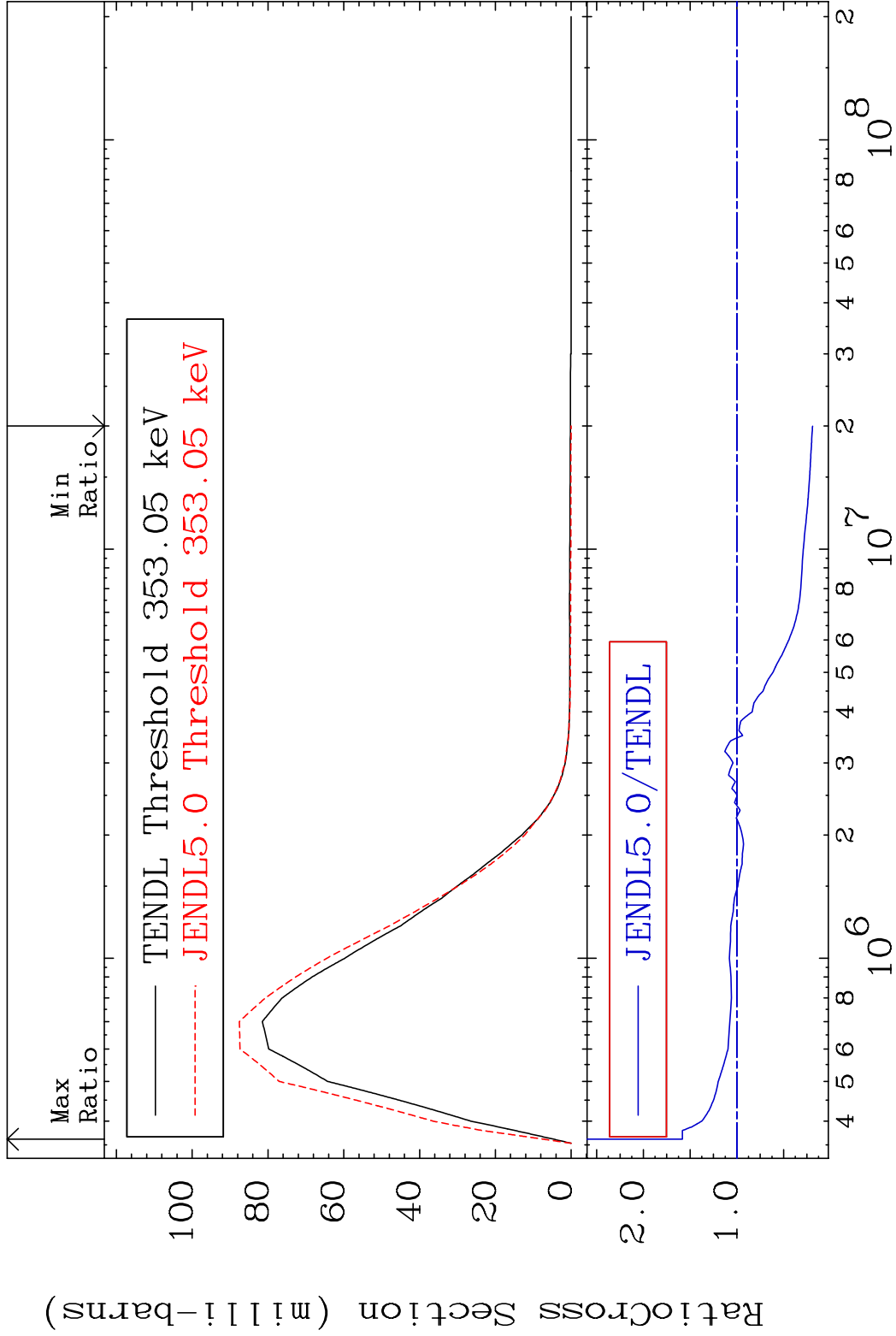
MAT 9037 MT= 65 (n,n') Level 90-Th-231
 Cross Section -100.0 To 85.23 %



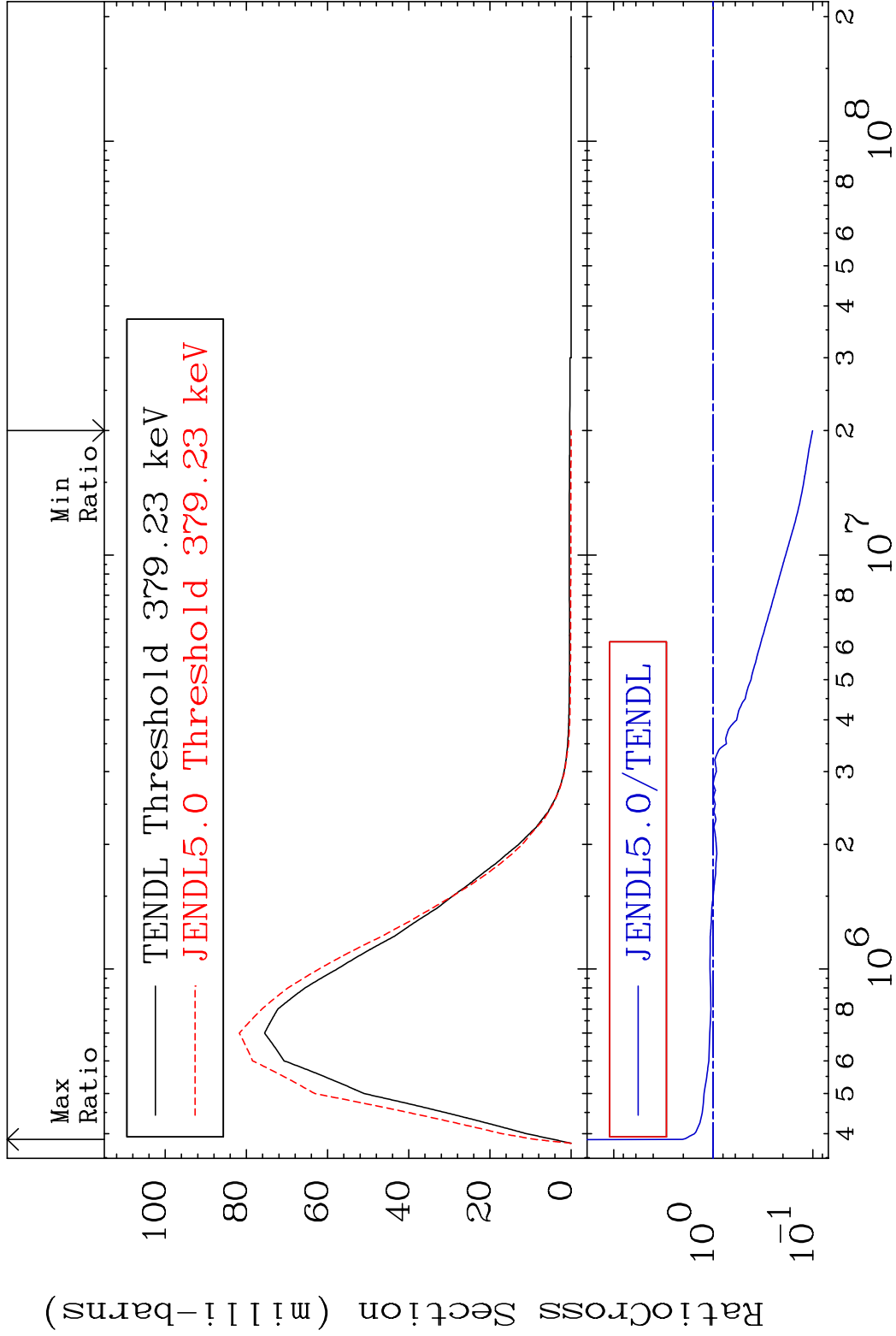
MAT 9037 MT= 66 (n,n') Level 90-Th-231
Cross Section -100.0 To 36.85 %

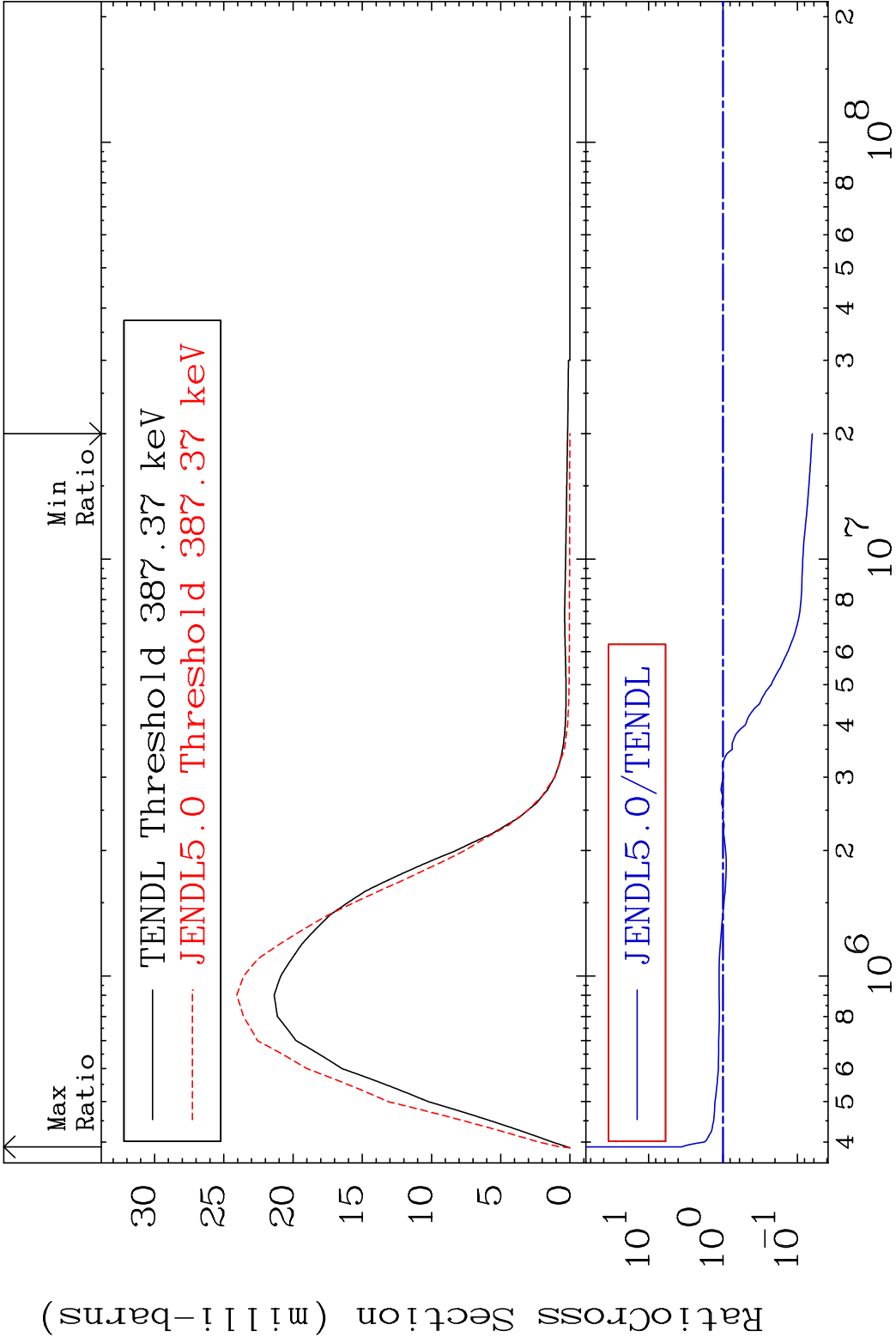


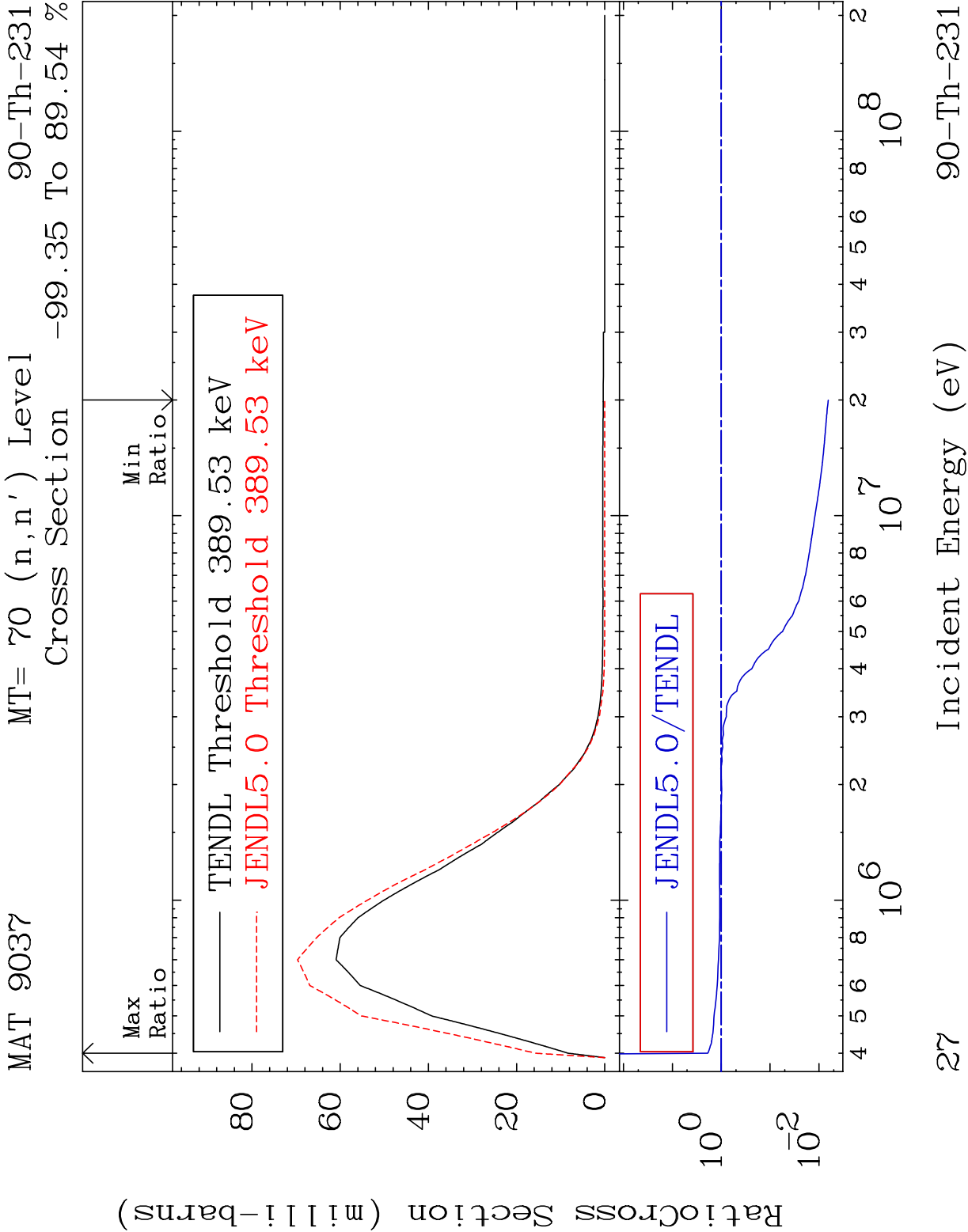
MAT 9037 MT= 67 (n,n') Level 90-Th-231
Cross Section -80.98 To 58.31 %

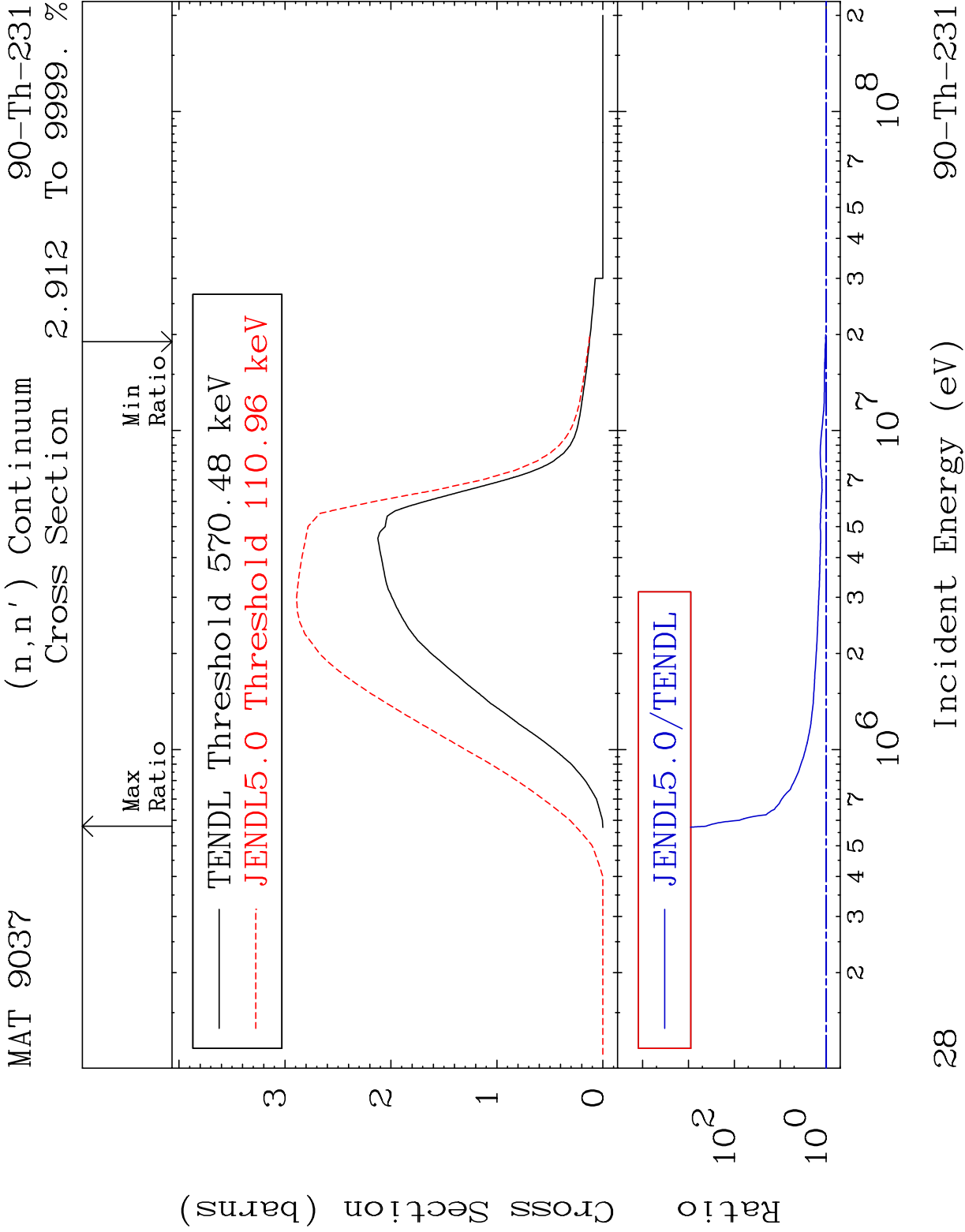


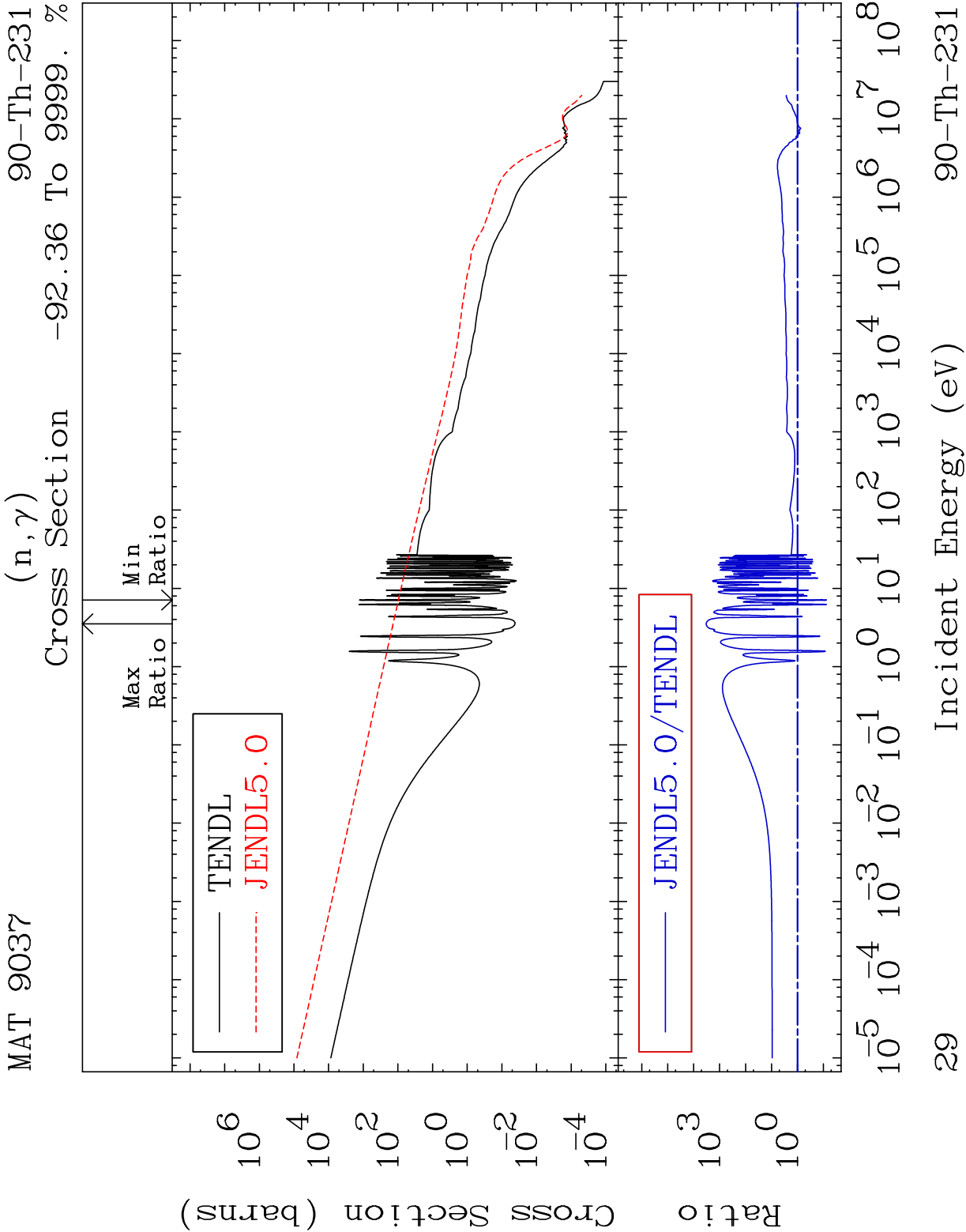
MAT 9037 MT= 68 (n,n') Level 90-Th-231
Cross Section -89.94 To 104.3 %



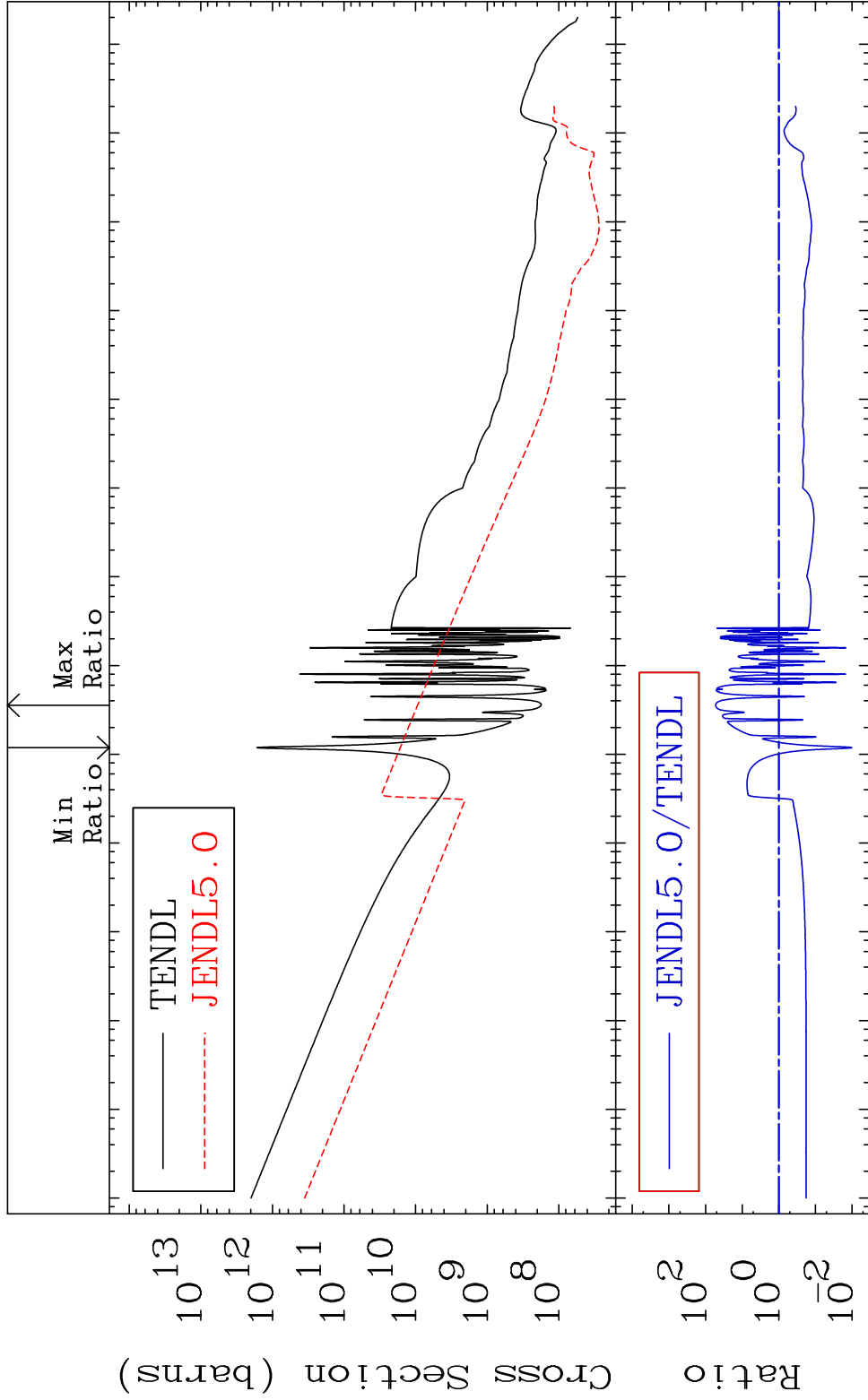






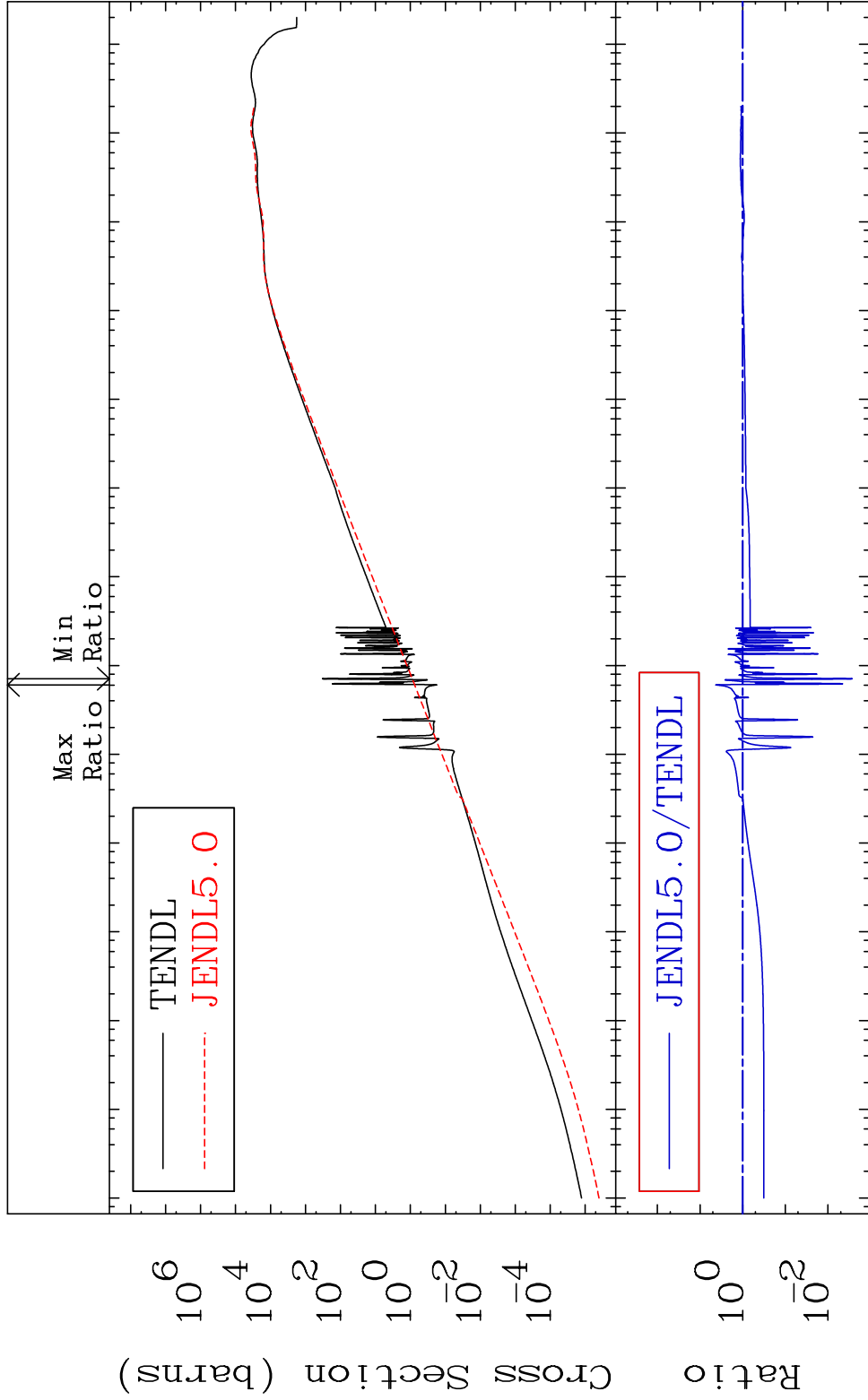


MAT 9037 Kerma total (eV-barns) 90-Th-231
Cross Section -99.01 To 5201 . %



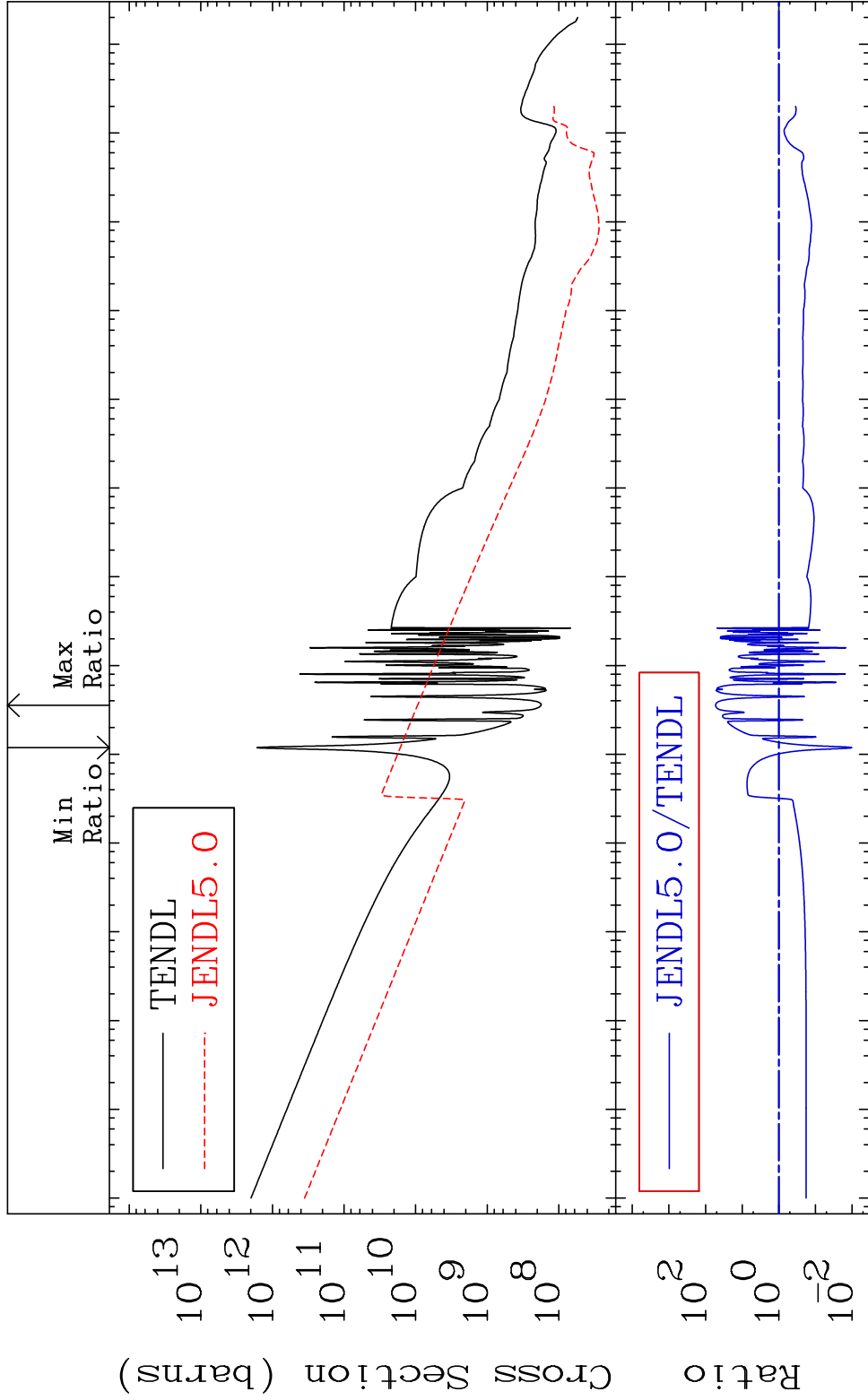
30 Incident Energy (eV) 90-Th-231

MAT 9037 Kerma elastic 90-Th-231
Cross Section -99.73 To 329.8 %

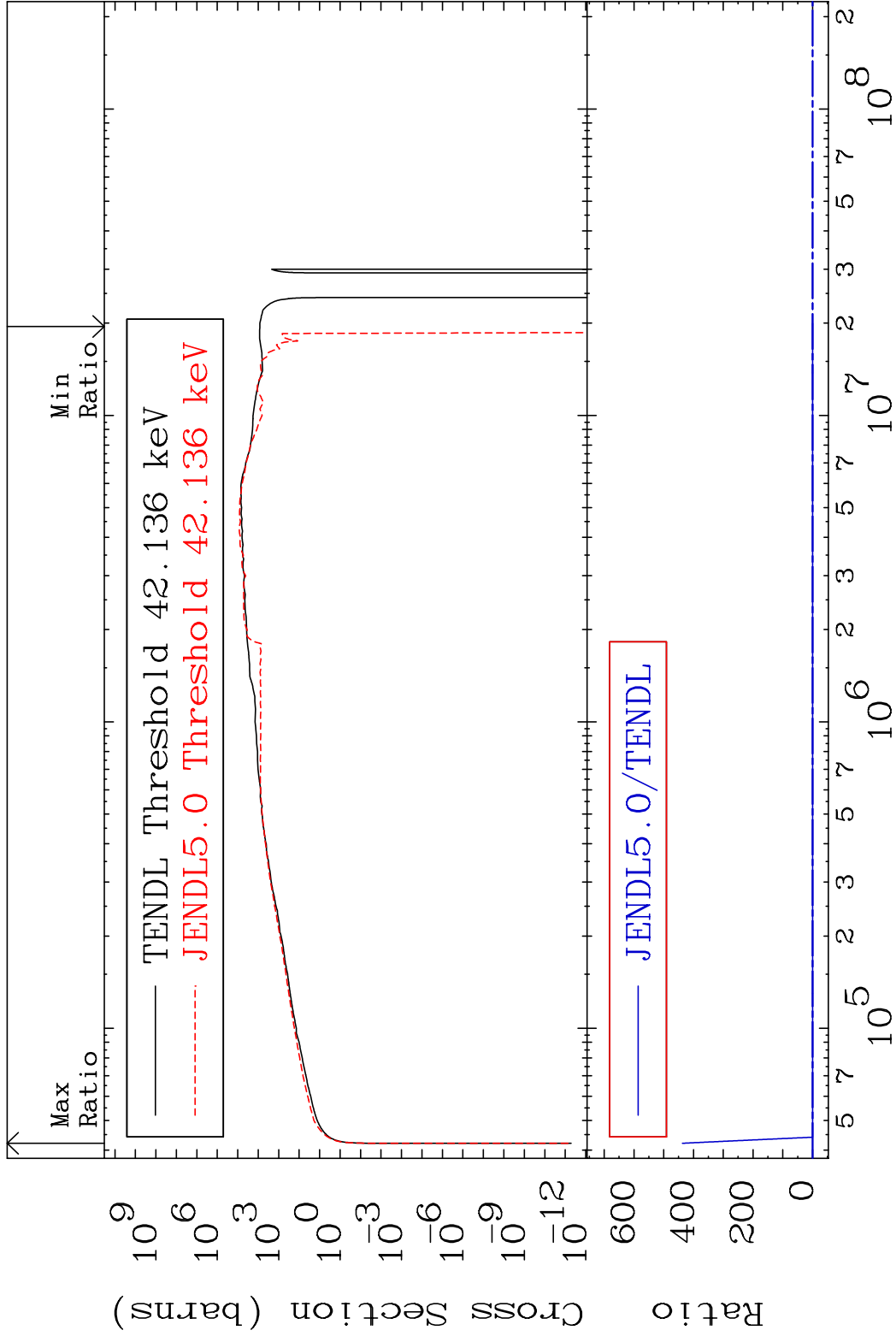


31 Incident Energy (eV) 90-Th-231

MAT 9037 Kerma non-elastic (all but mt2) 90-Th-231
Cross Section -99.01 To 5201. %

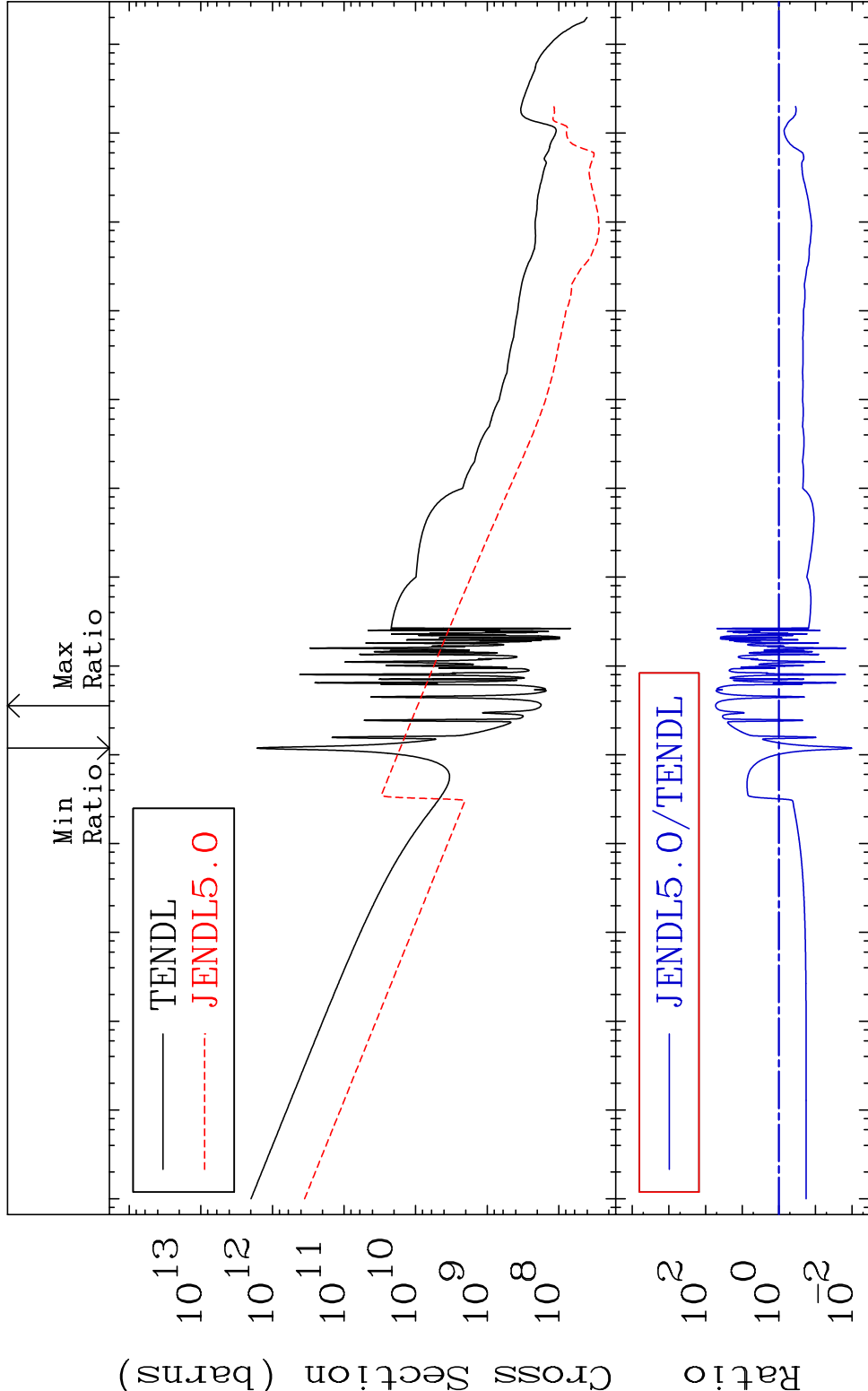


10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8



MAT 9037 Kerma fission (mt18 or mt19-20-21-38)90-Th-231

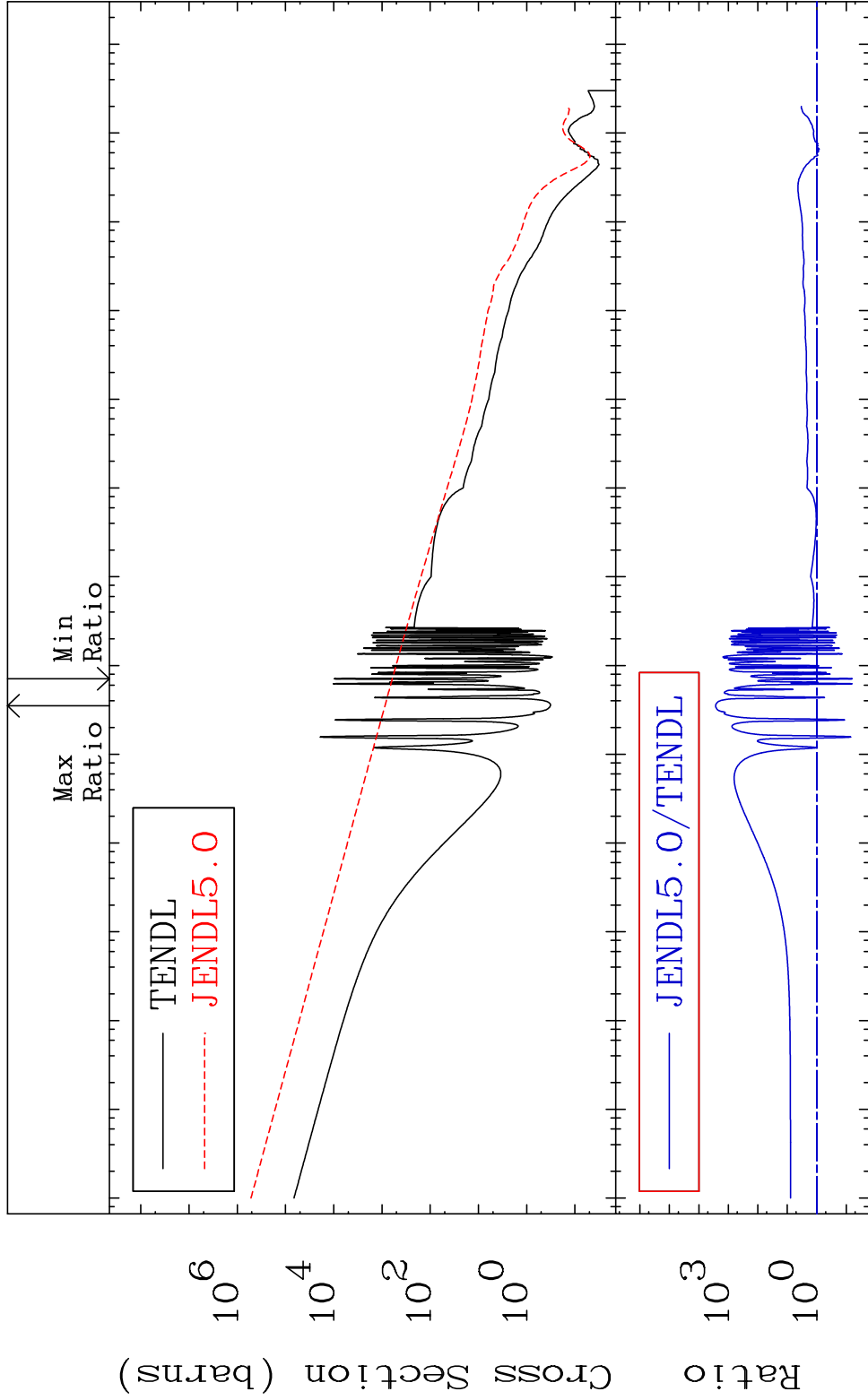
Cross Section -99.01 To 5201. %



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

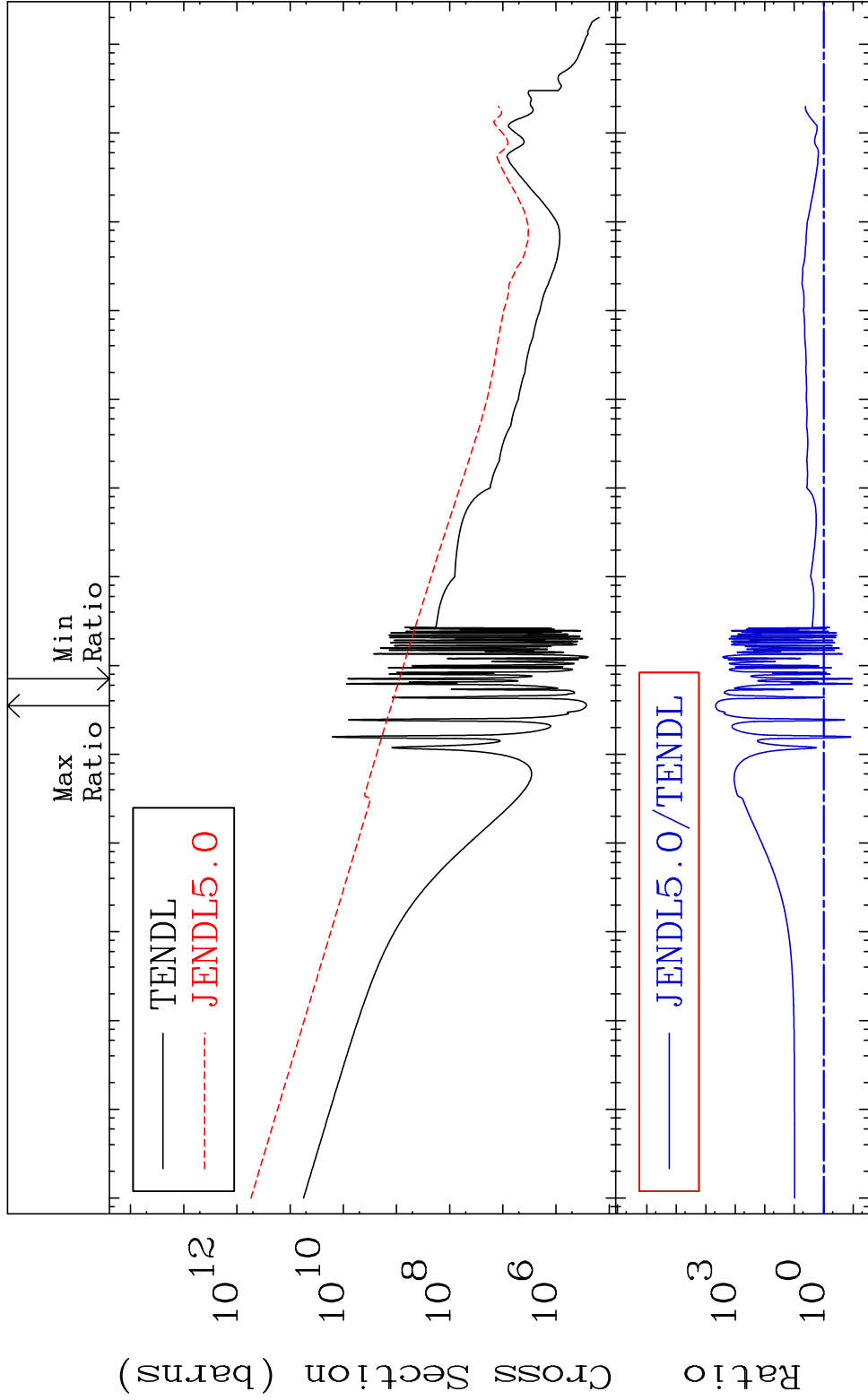
34 Incident Energy (eV) 90-Th-231

MAT 9037 Kerma capture (mt102) 90-Th-231
Cross Section -93.73 To 9999. %

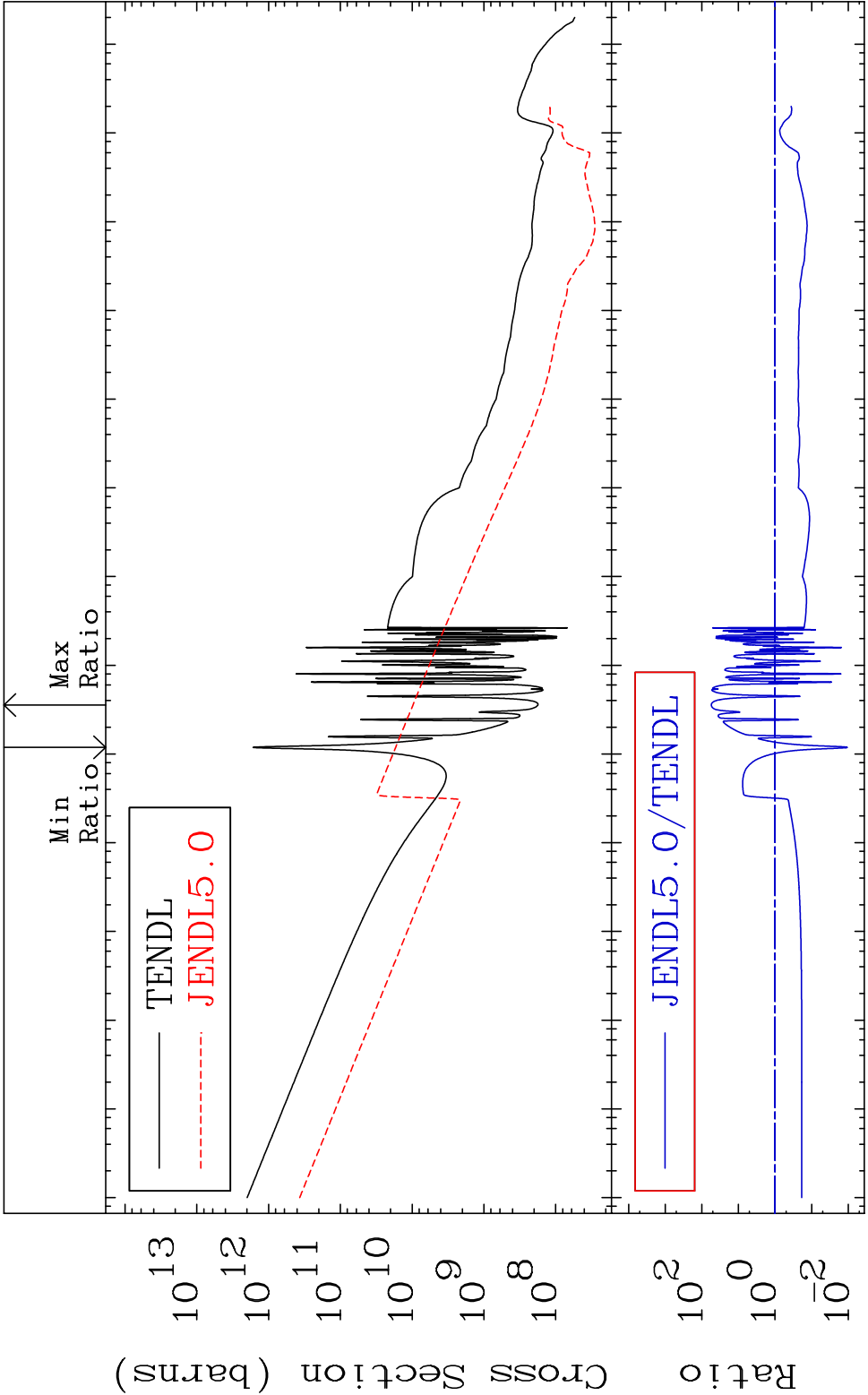


35 Incident Energy (eV) 90-Th-231

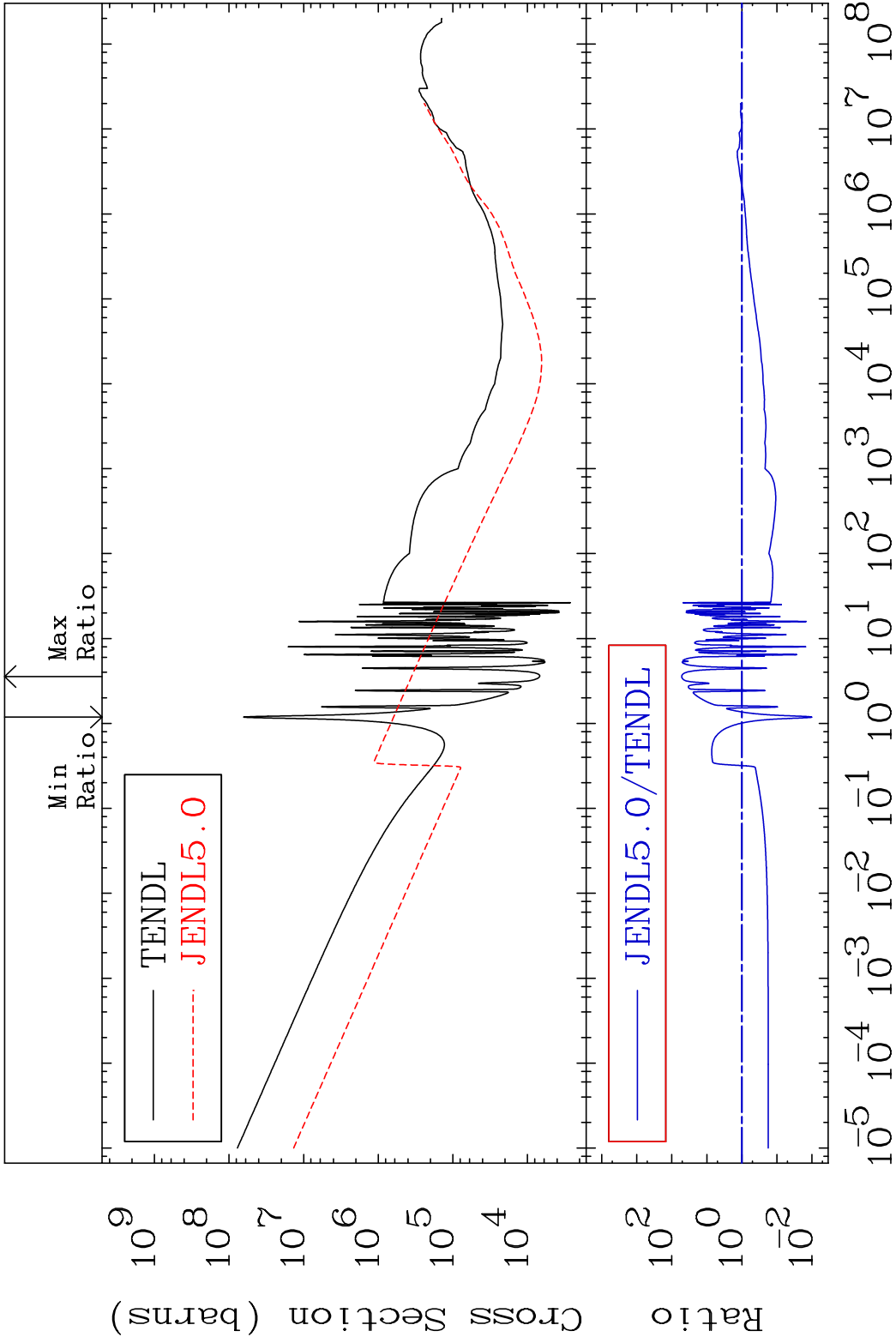
MAT 9037 Total photon (eV-barns) 90-Th-231
Cross Section -89.23 To 9999. %



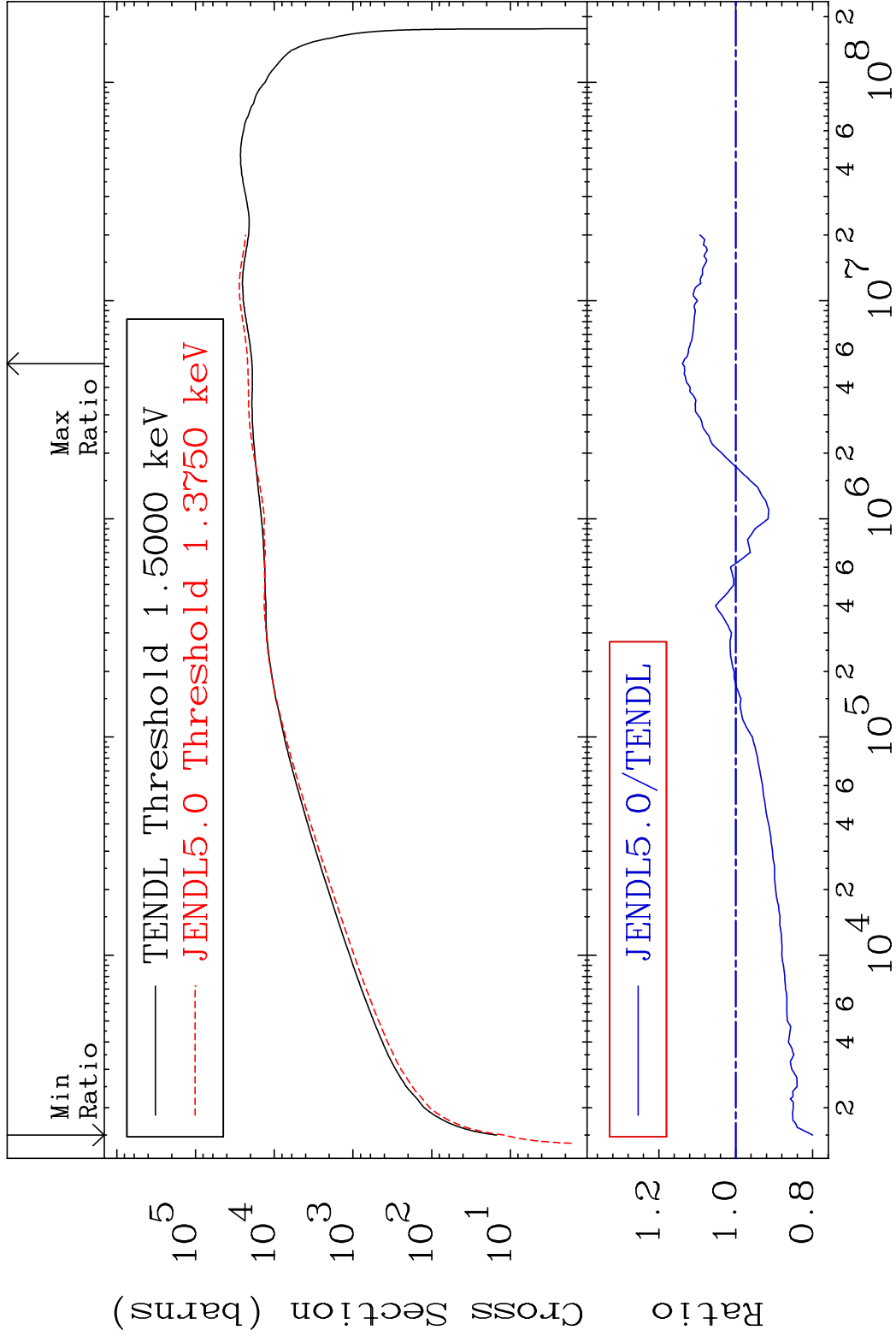
MAT 9037 Total kinematic kerma (high limit) 90-Th-231
Cross Section -98.97 To 5405. %



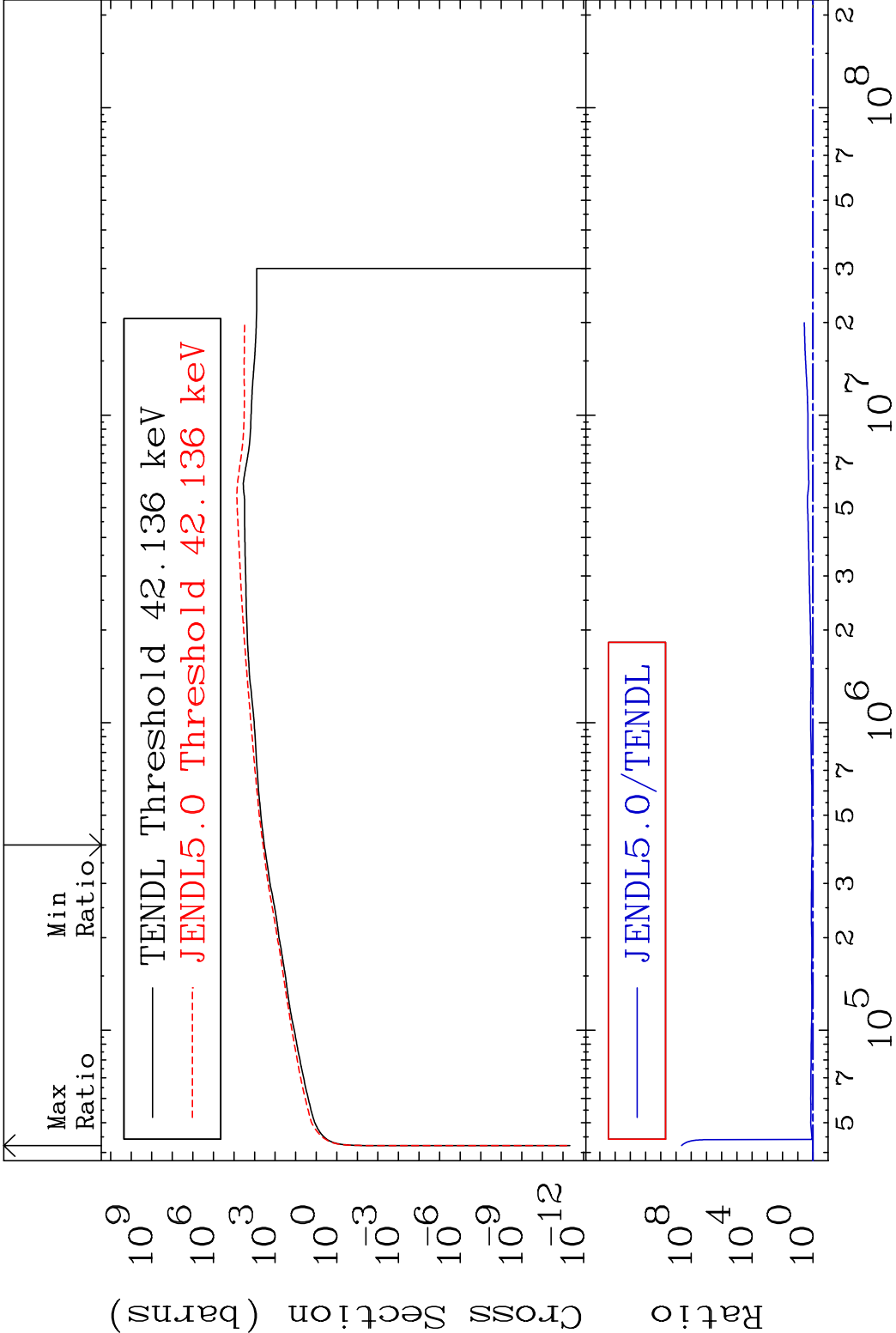
MAT 9037 Dpa total (eV-barns) 90-Th-231
Cross Section -99.03 To 5102. %



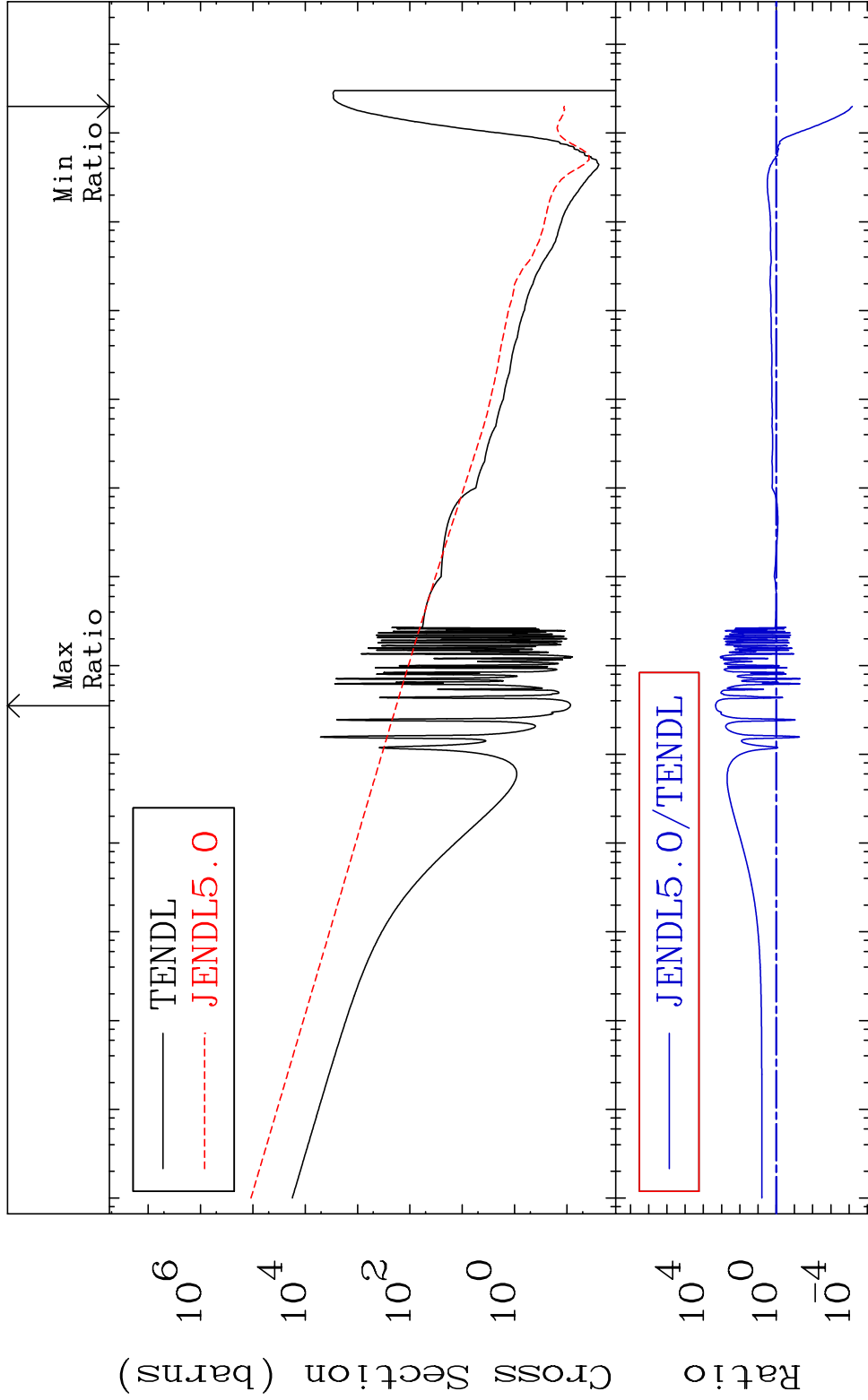
38 Incident Energy (eV) 90-Th-231



MAT 9037 Dpa inelastic (mt51-91) 90-Th-231
Cross Section 13.15 To 9999. %

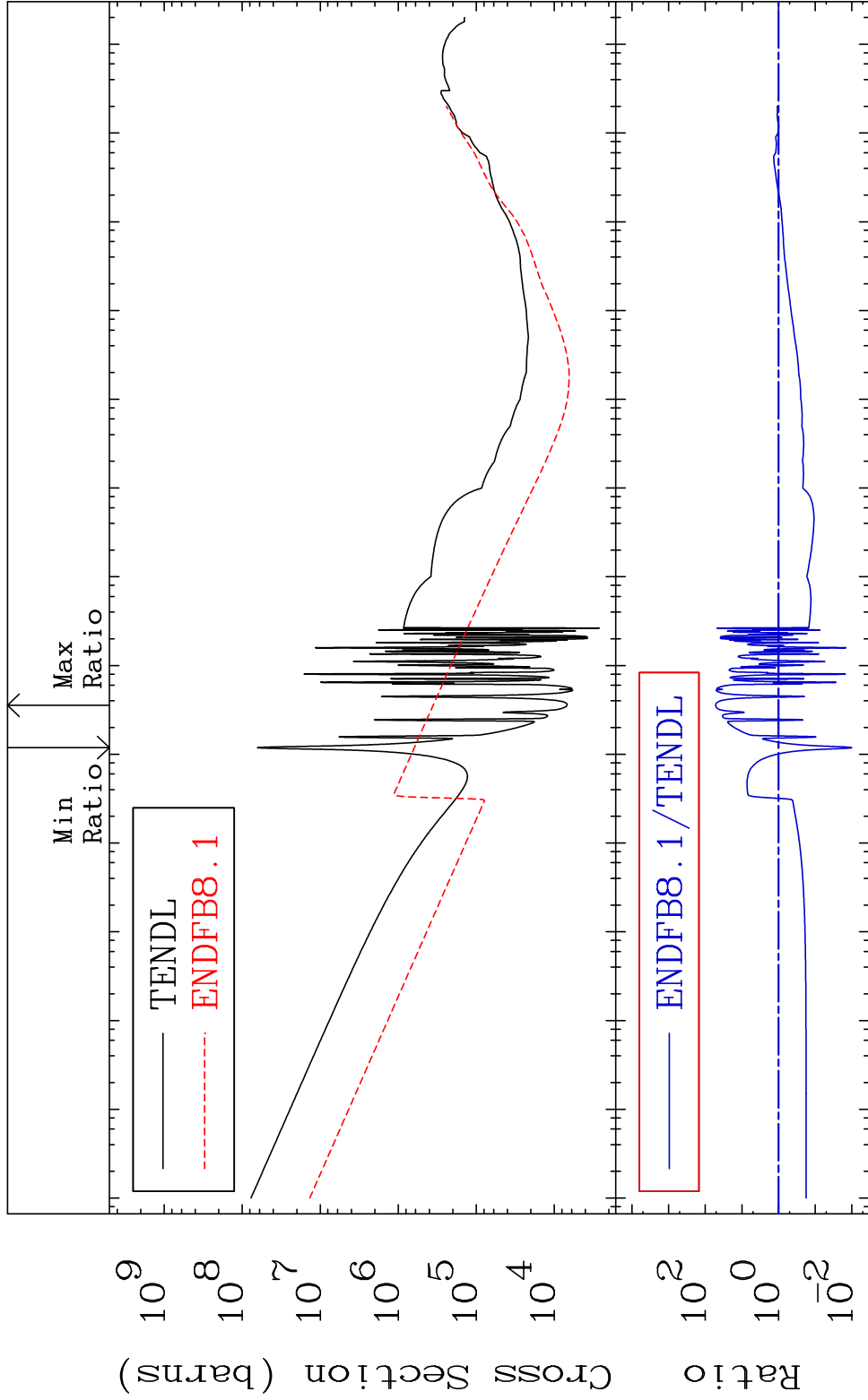


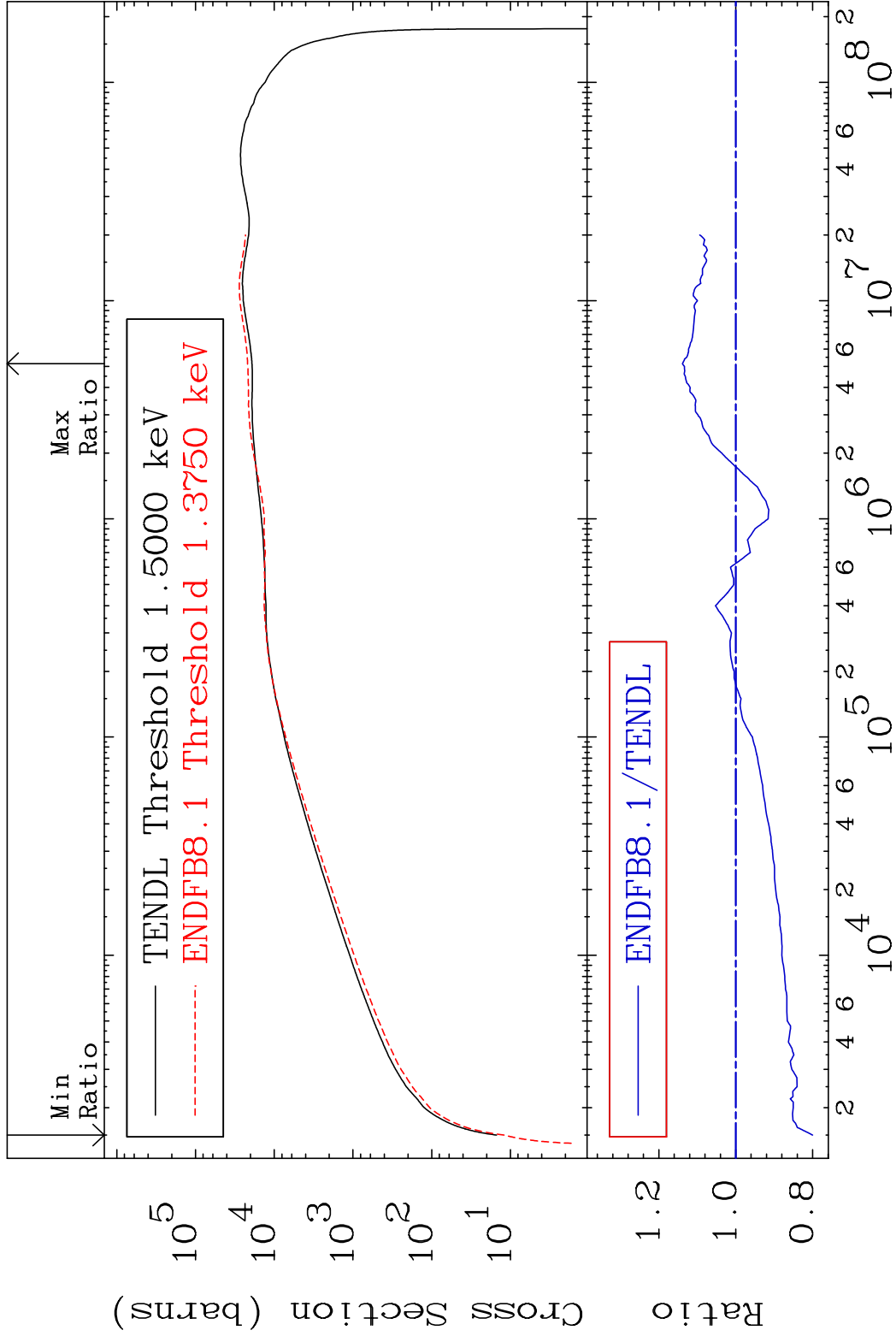
MAT 9037 Dpa disappearance (mt102 -120) 90-Th-231
Cross Section -99.99 To 9999. %

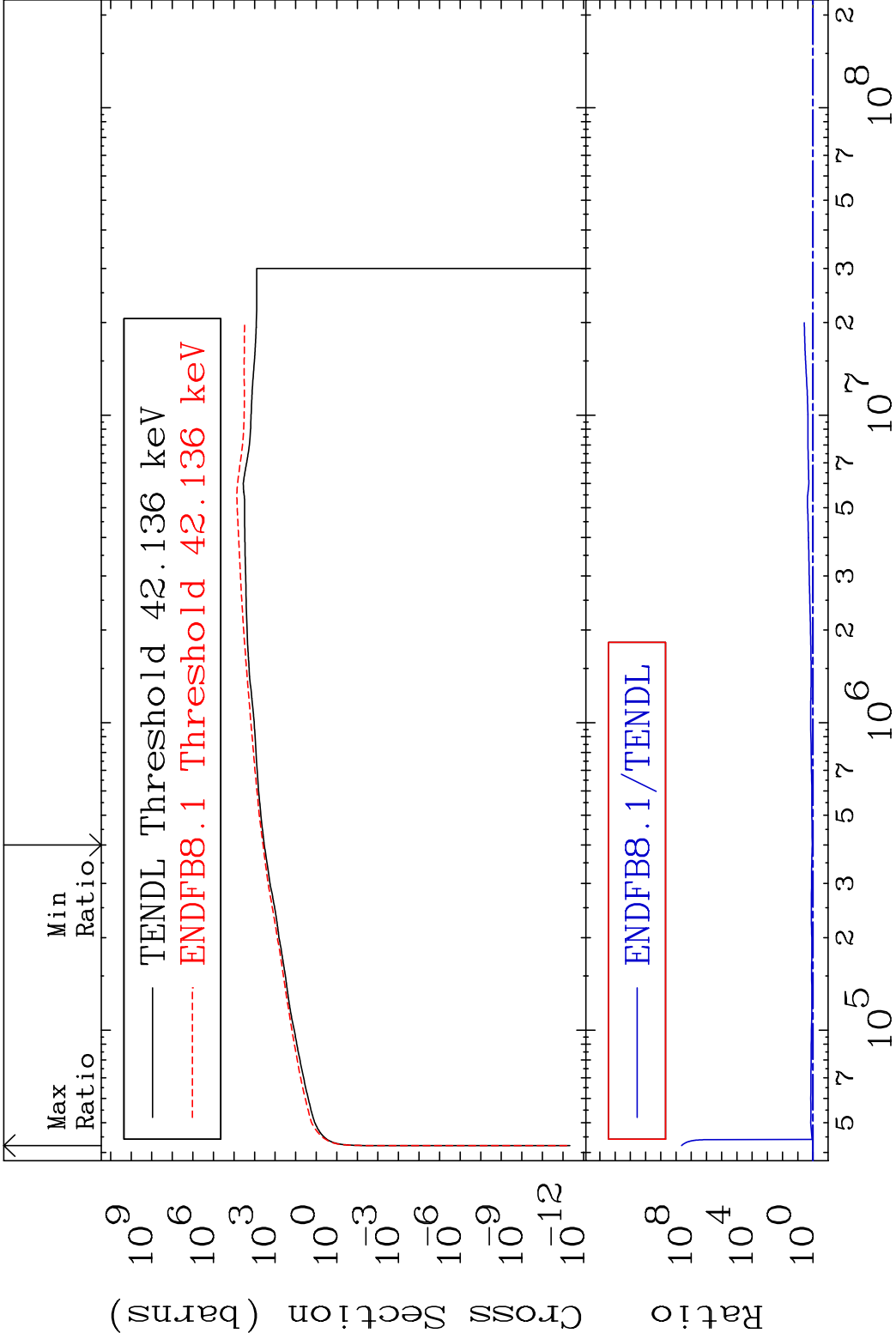


41 Incident Energy (eV) 90-Th-231

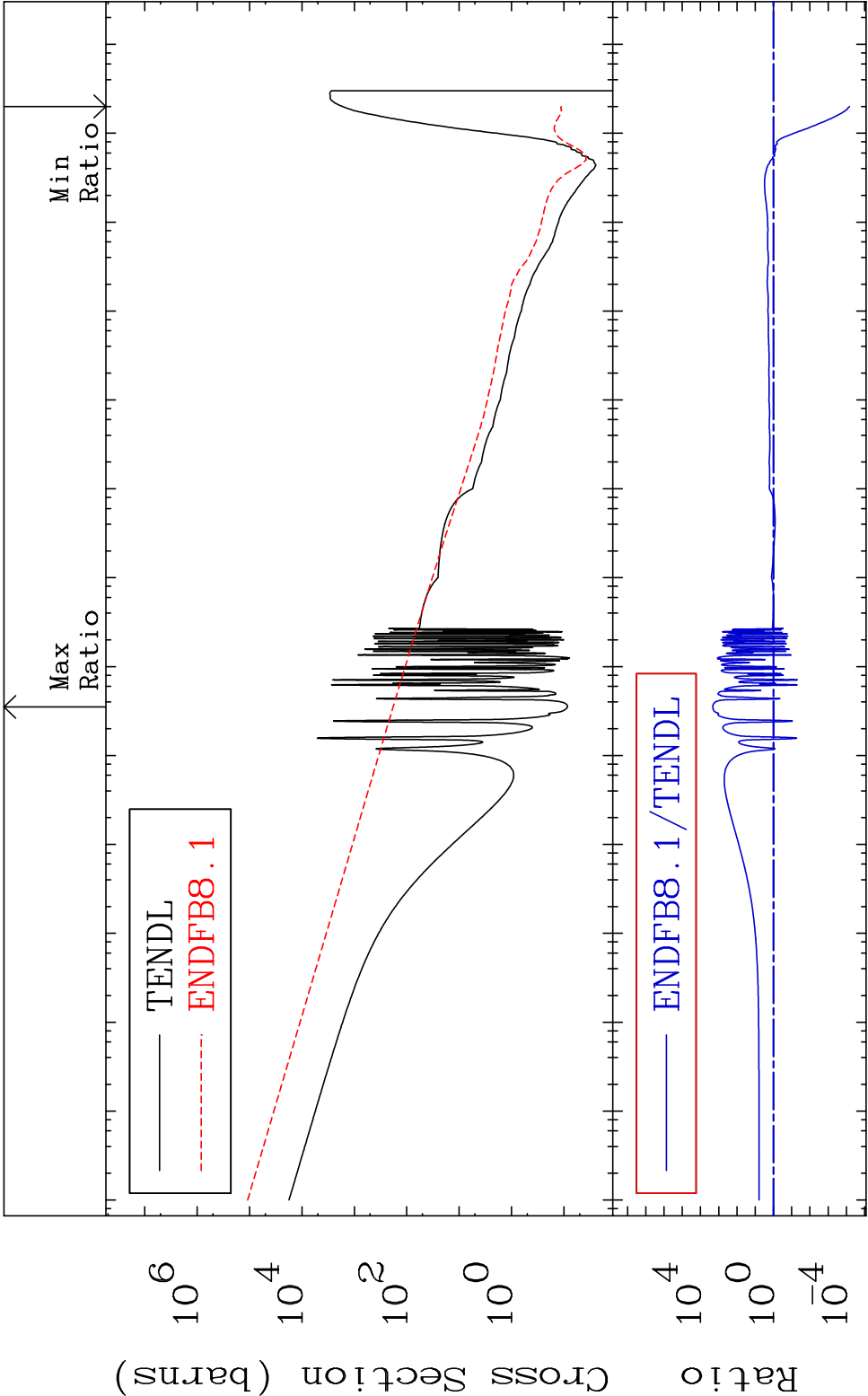
MAT 9037 Dpa total (eV-barns) 90-Th-231
Cross Section -99.03 To 5102. %







MAT 9037 Dpa disappearance (mt102 -120) 90-Th-231
Cross Section -99.99 To 9999. %



45 Incident Energy (eV) 90-Th-231