

Program Complot
(Version 2021-1)

by

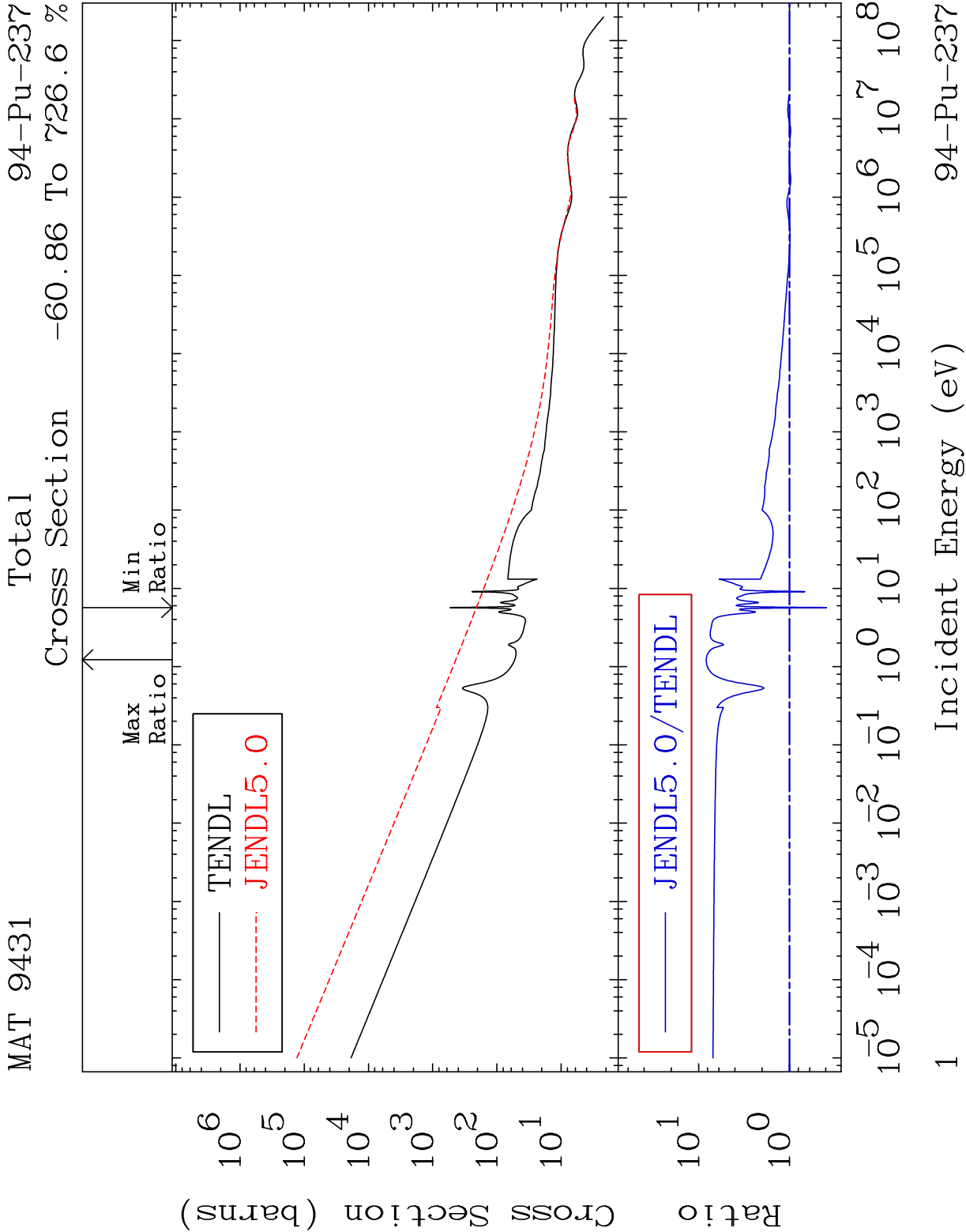
Dermott E. Cullen
(Present Contact Information)

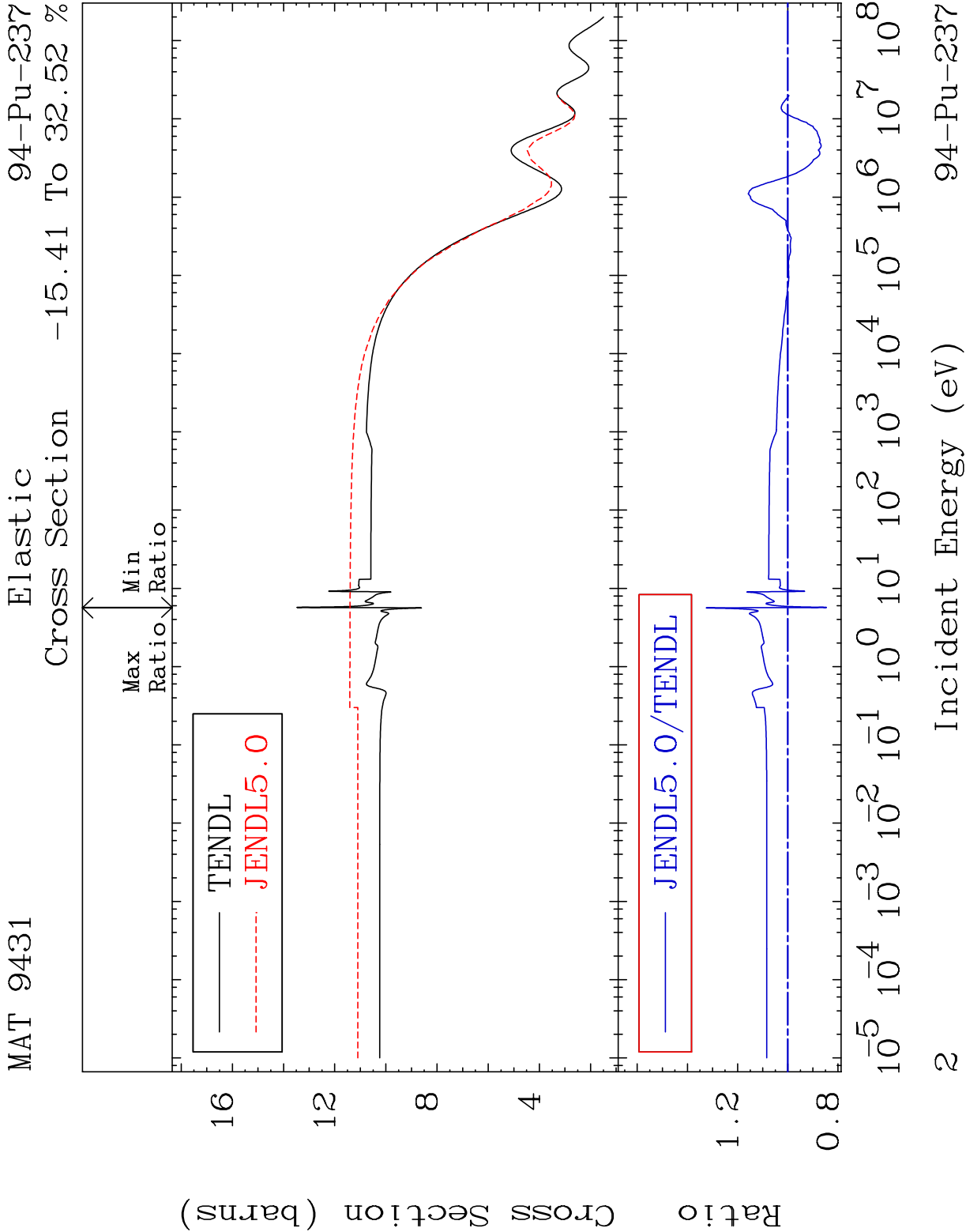
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

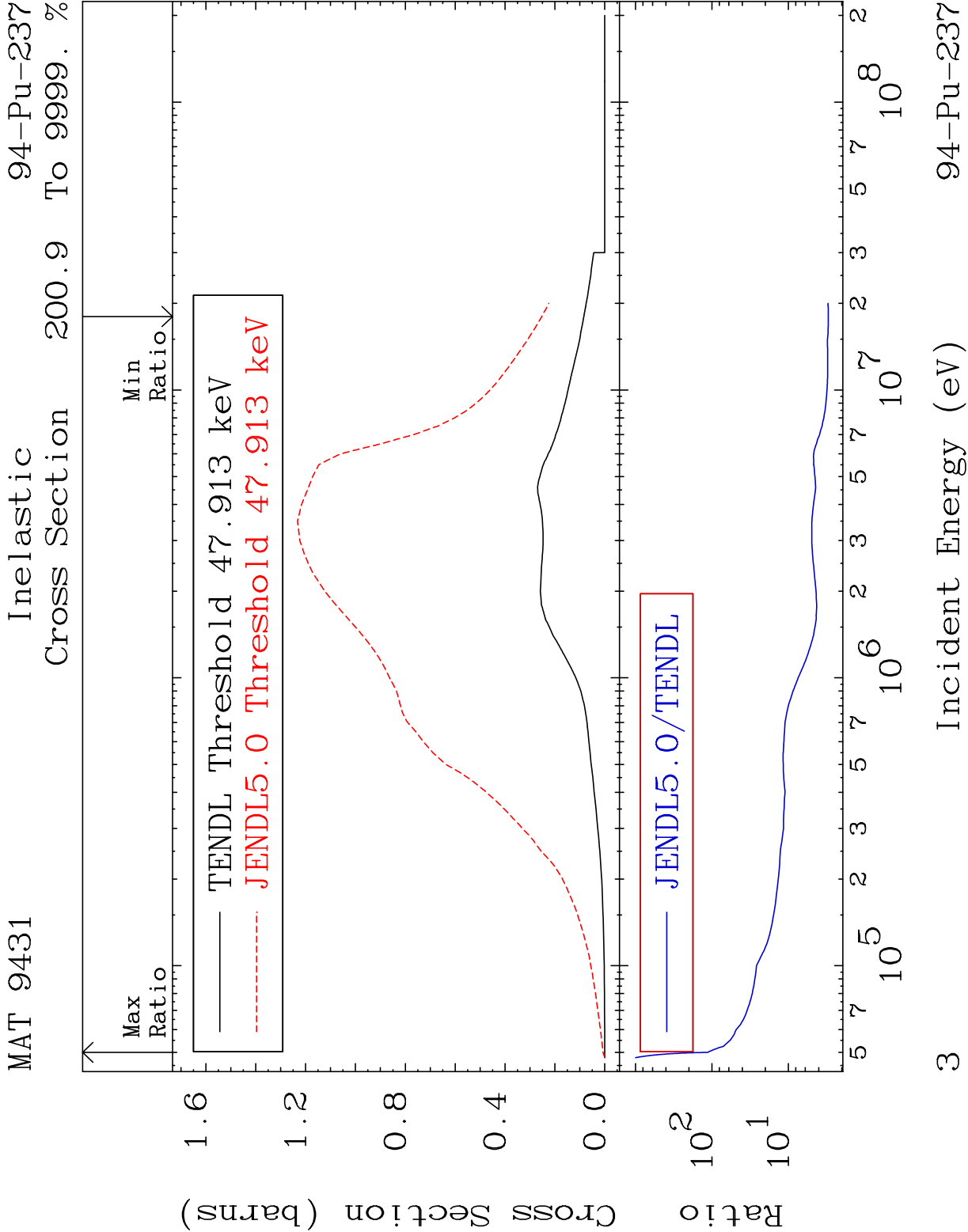
Tele: 925-443-1911

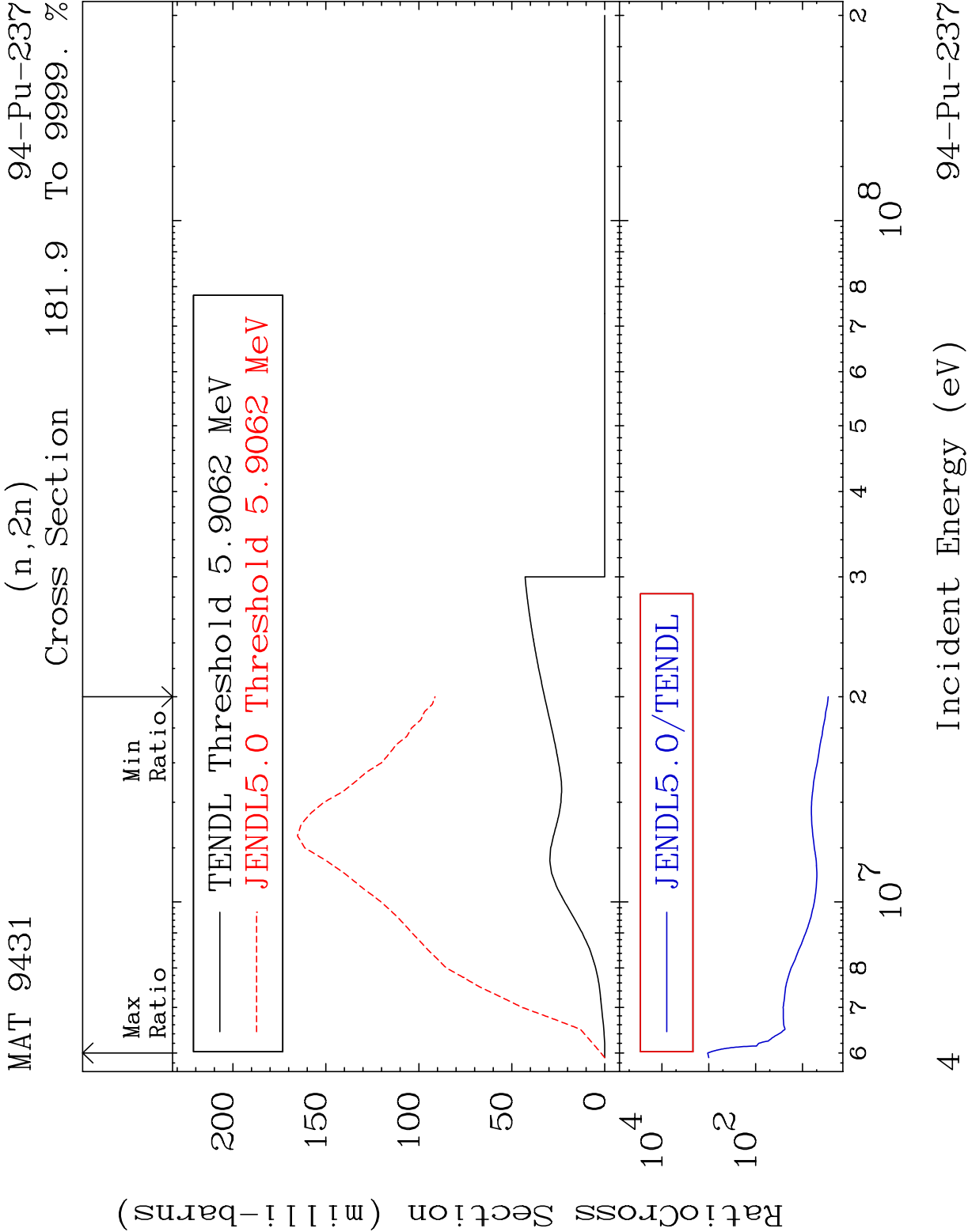
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

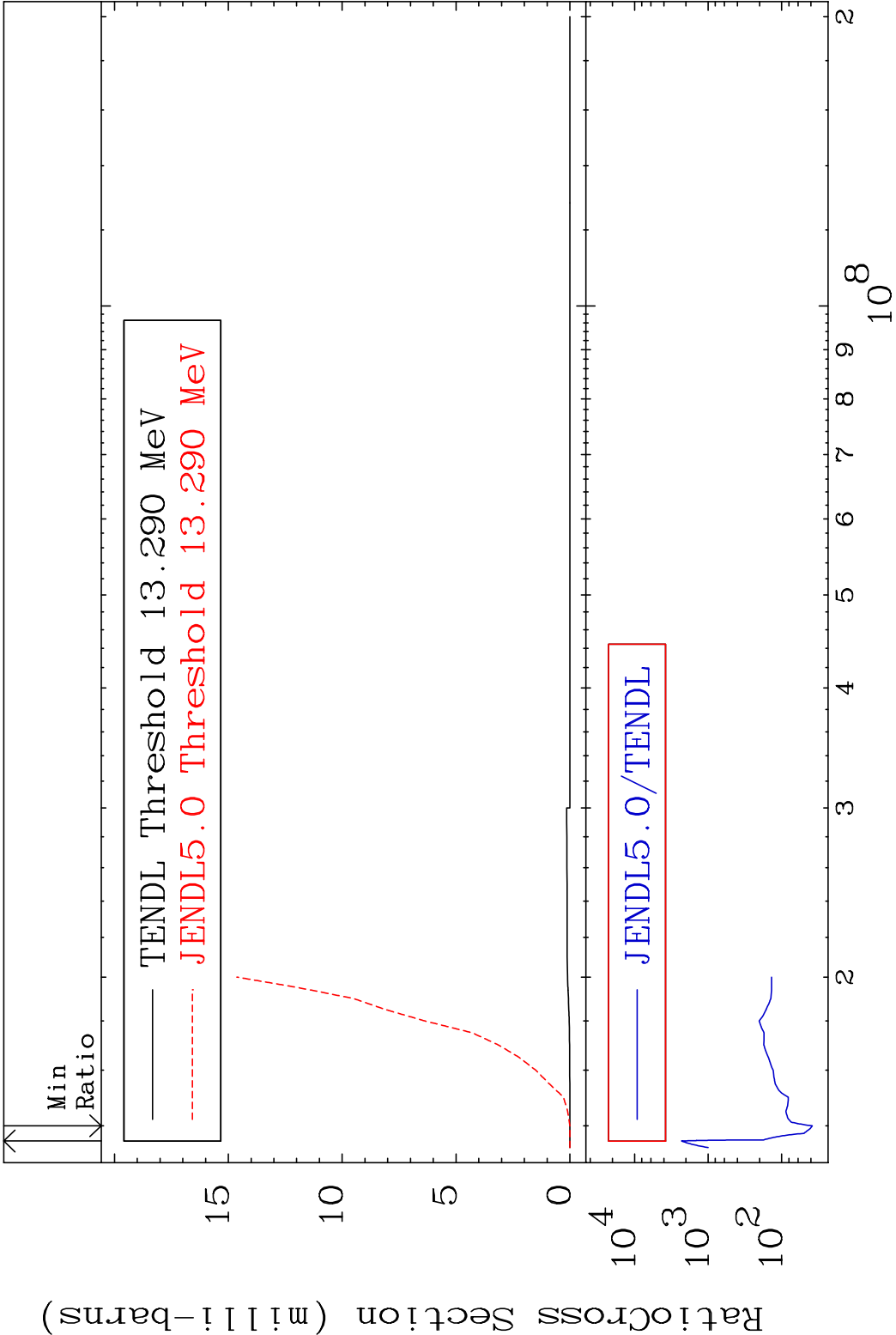
Press Mouse Button to Start









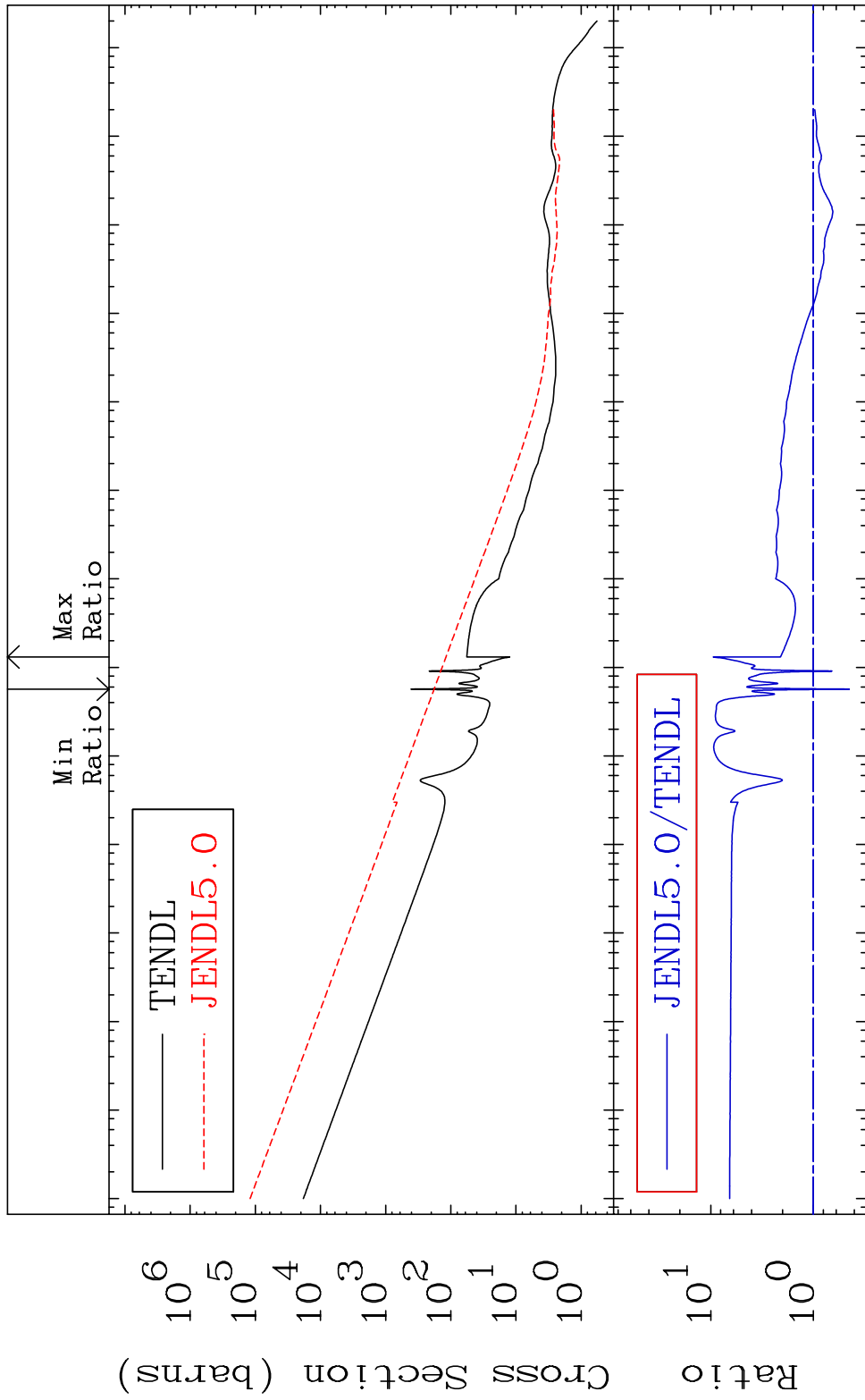


MAT 9431

Fission

94-Pu-237

Cross Section -55.27 To 846.6 %



MAT 9431

MT= 51 (n,n')

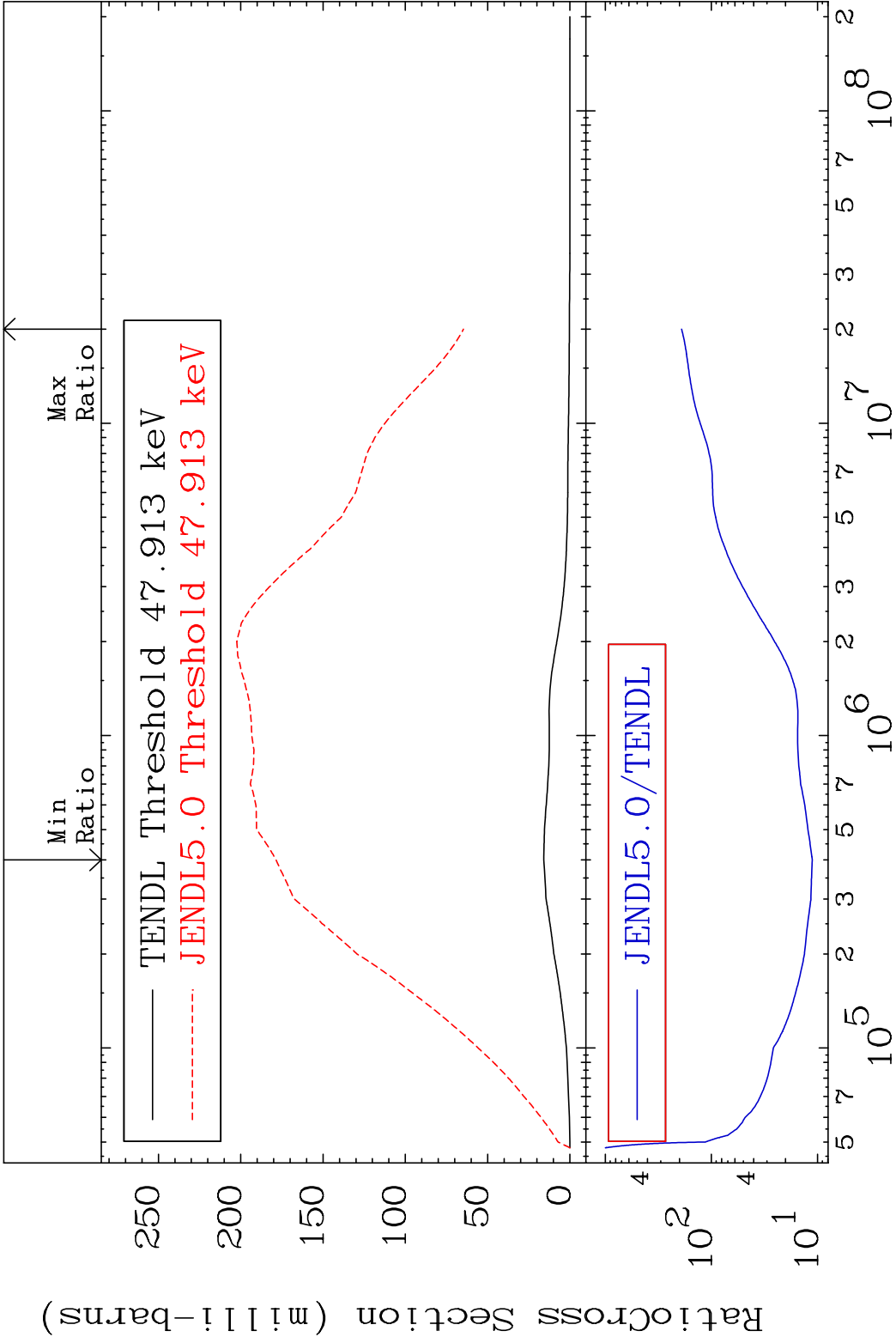
Level

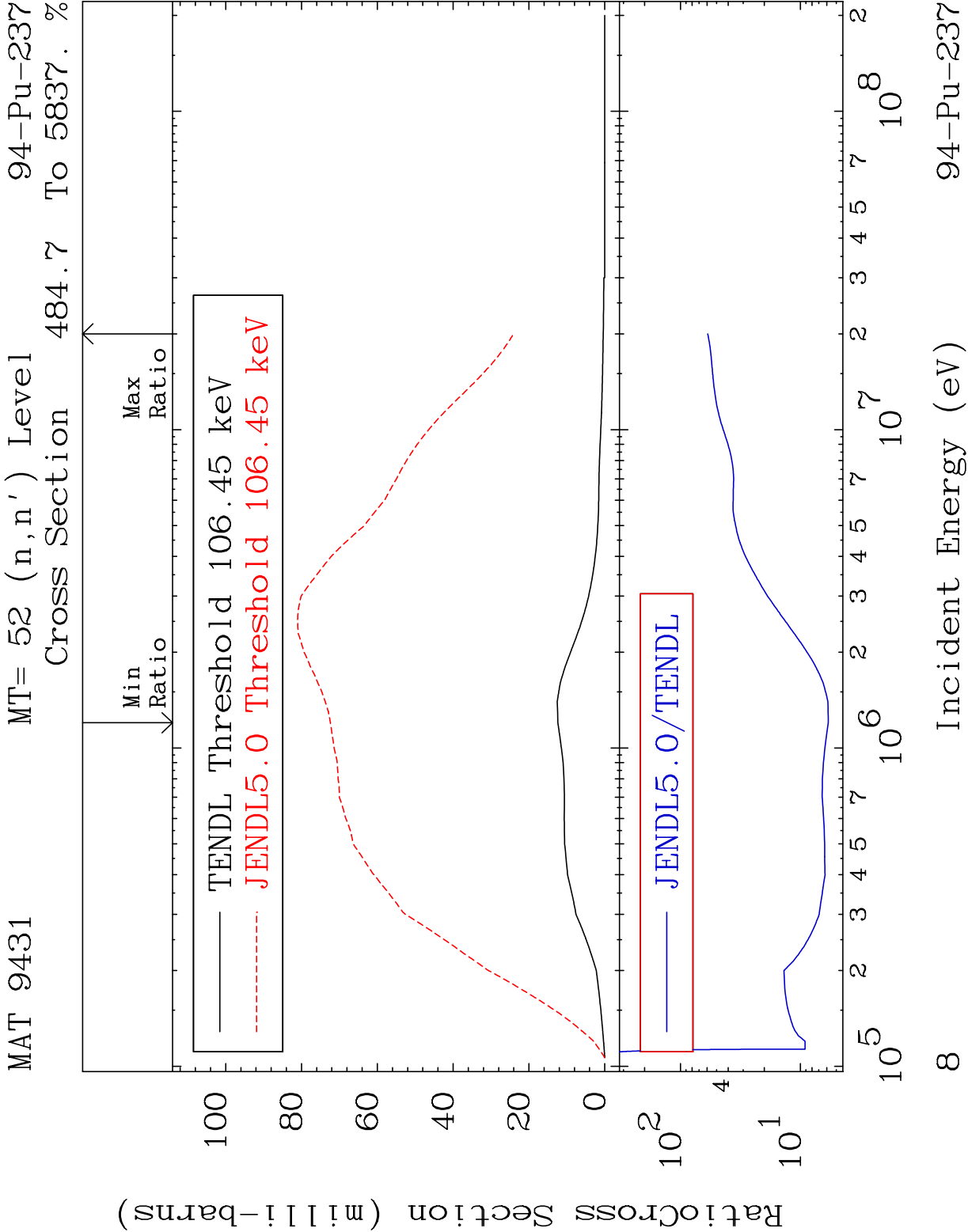
94-Pu-237

Cross Section

1021.

To 9999. %





MAT 9431

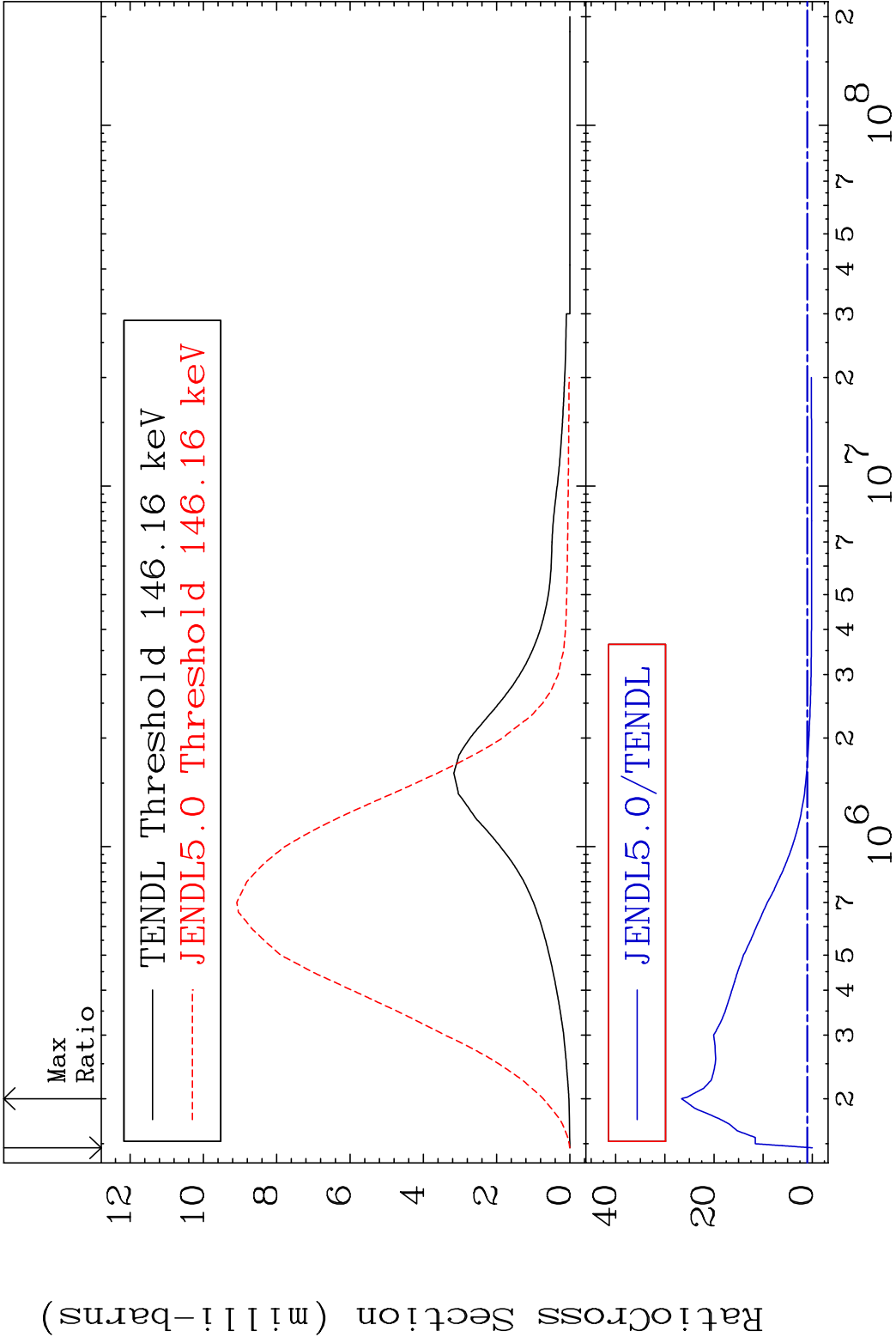
MT= 53 (n,n')

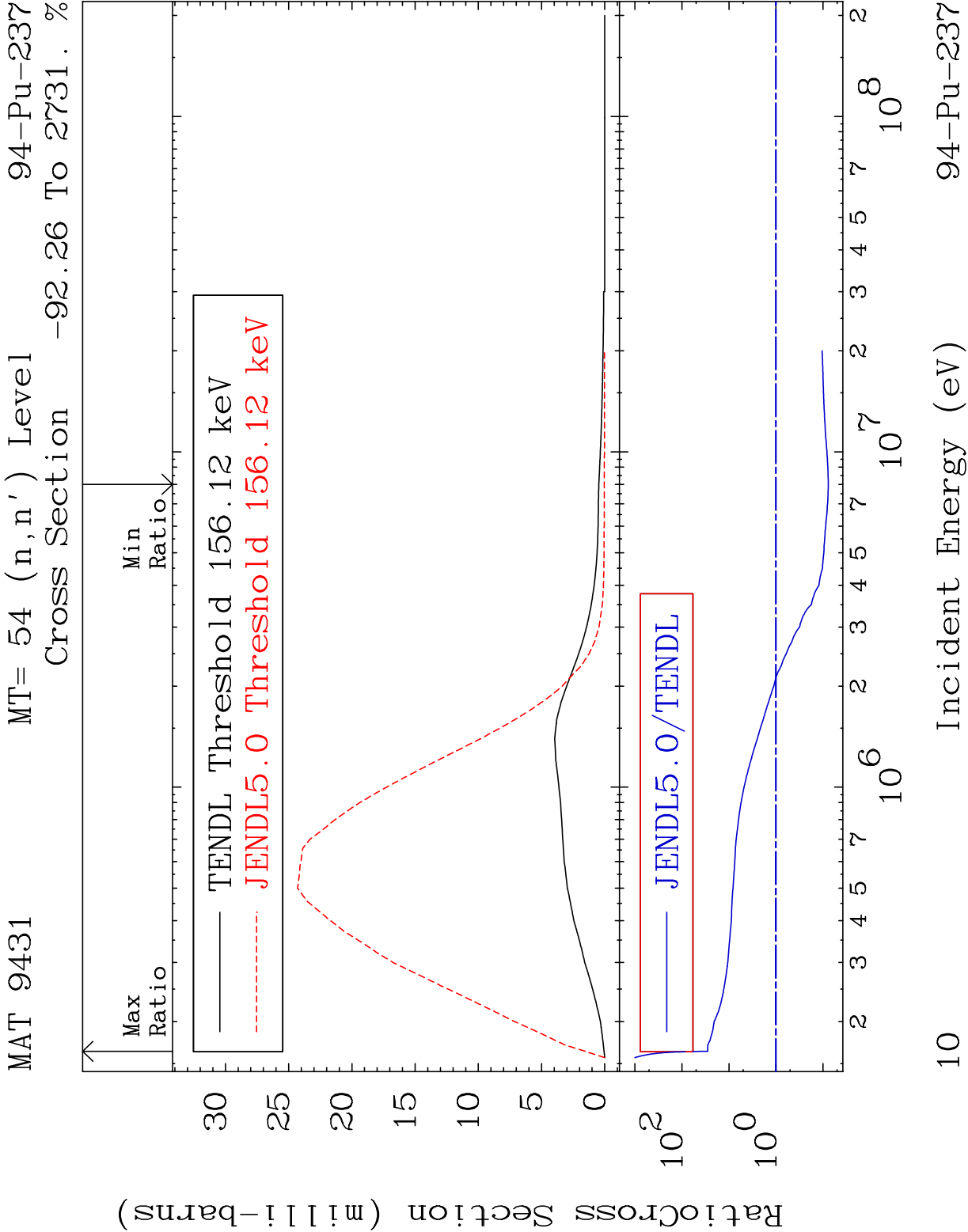
Level

94-Pu-237

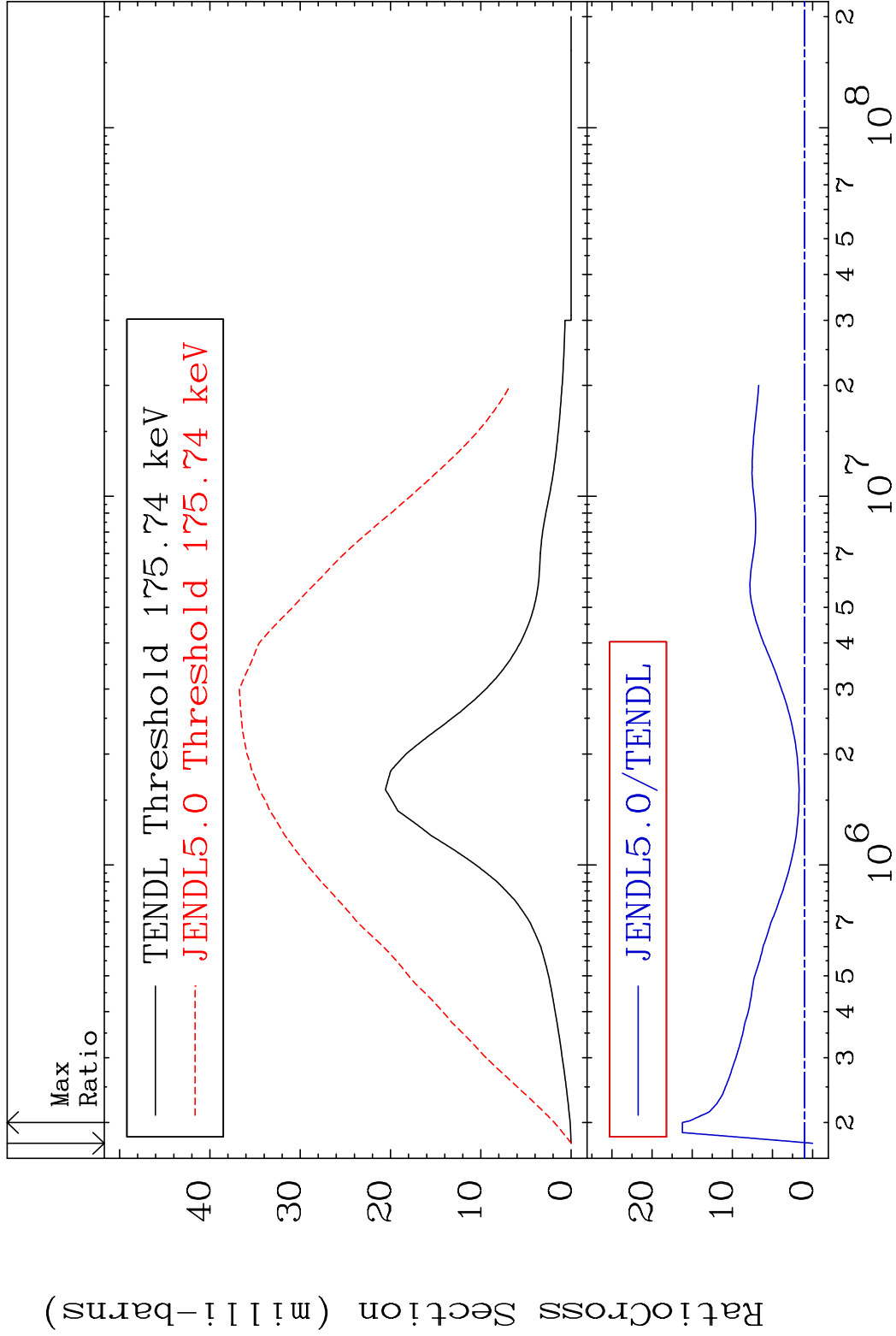
Cross Section

-100.0 To 2561. %

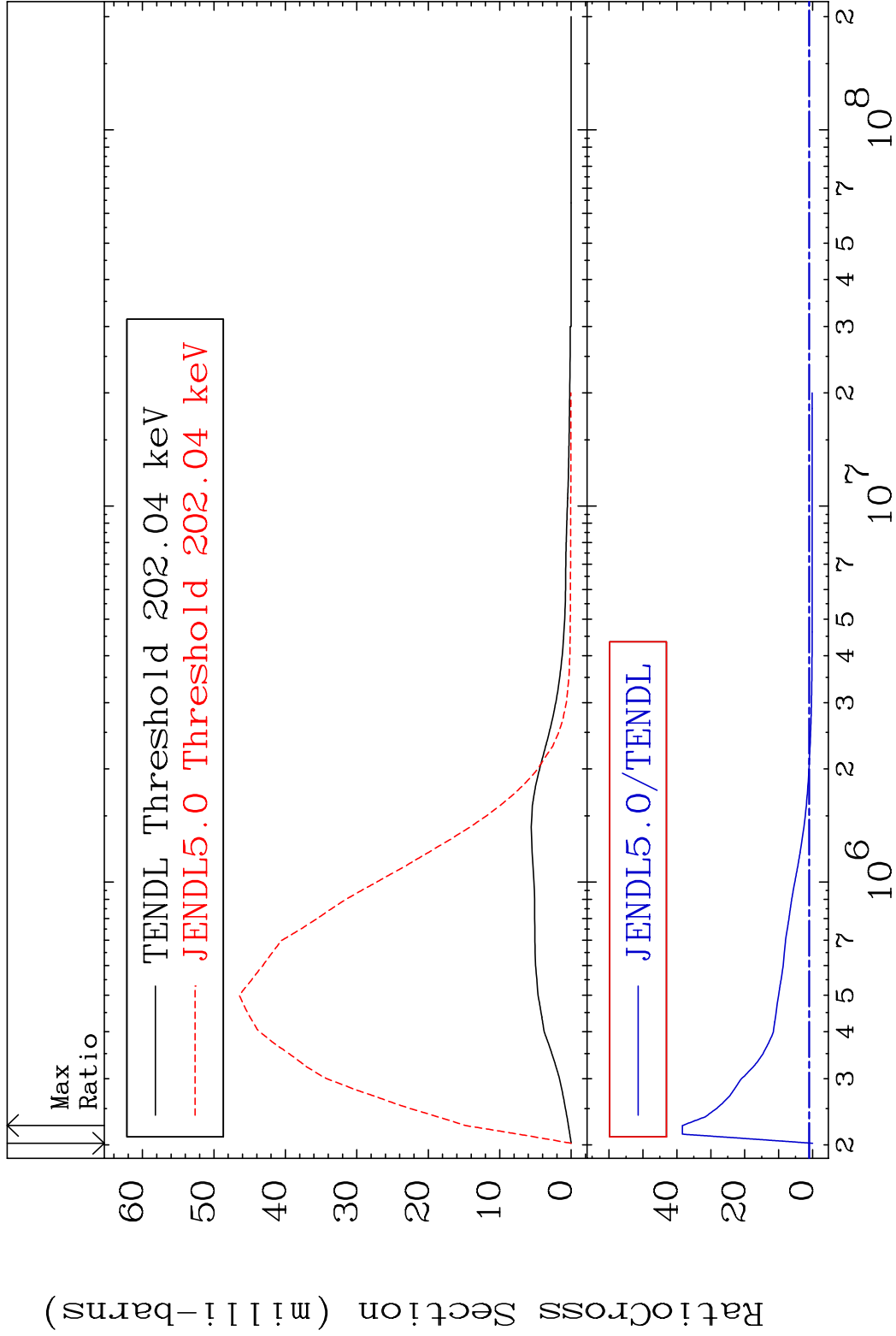




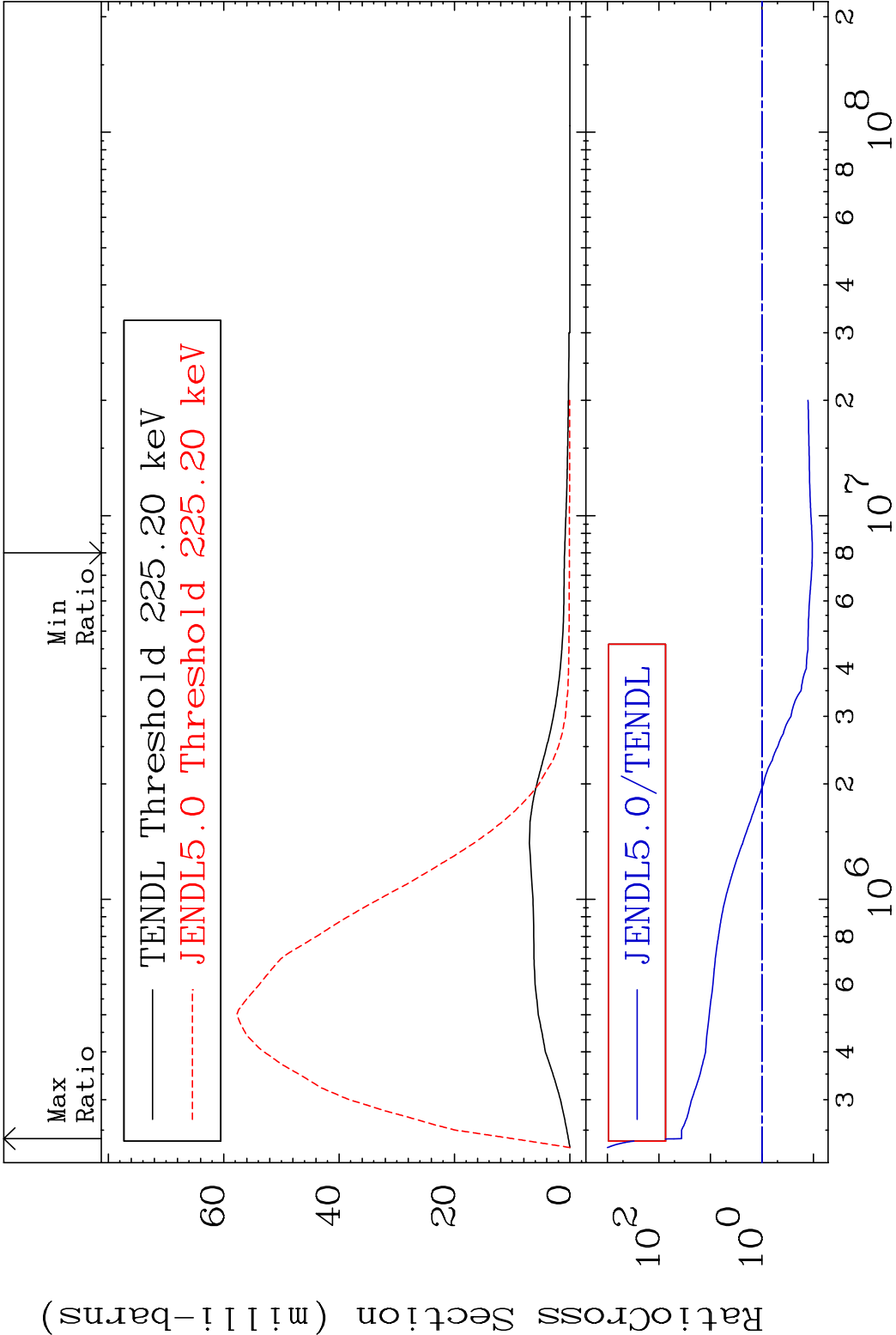
MAT 9431 MT= 55 (n,n') Level 94-Pu-237
Cross Section -100.0 To 1522. %



MAT 9431 MT= 56 (n,n') Level 94-Pu-237
Cross Section -100.0 To 3738. %

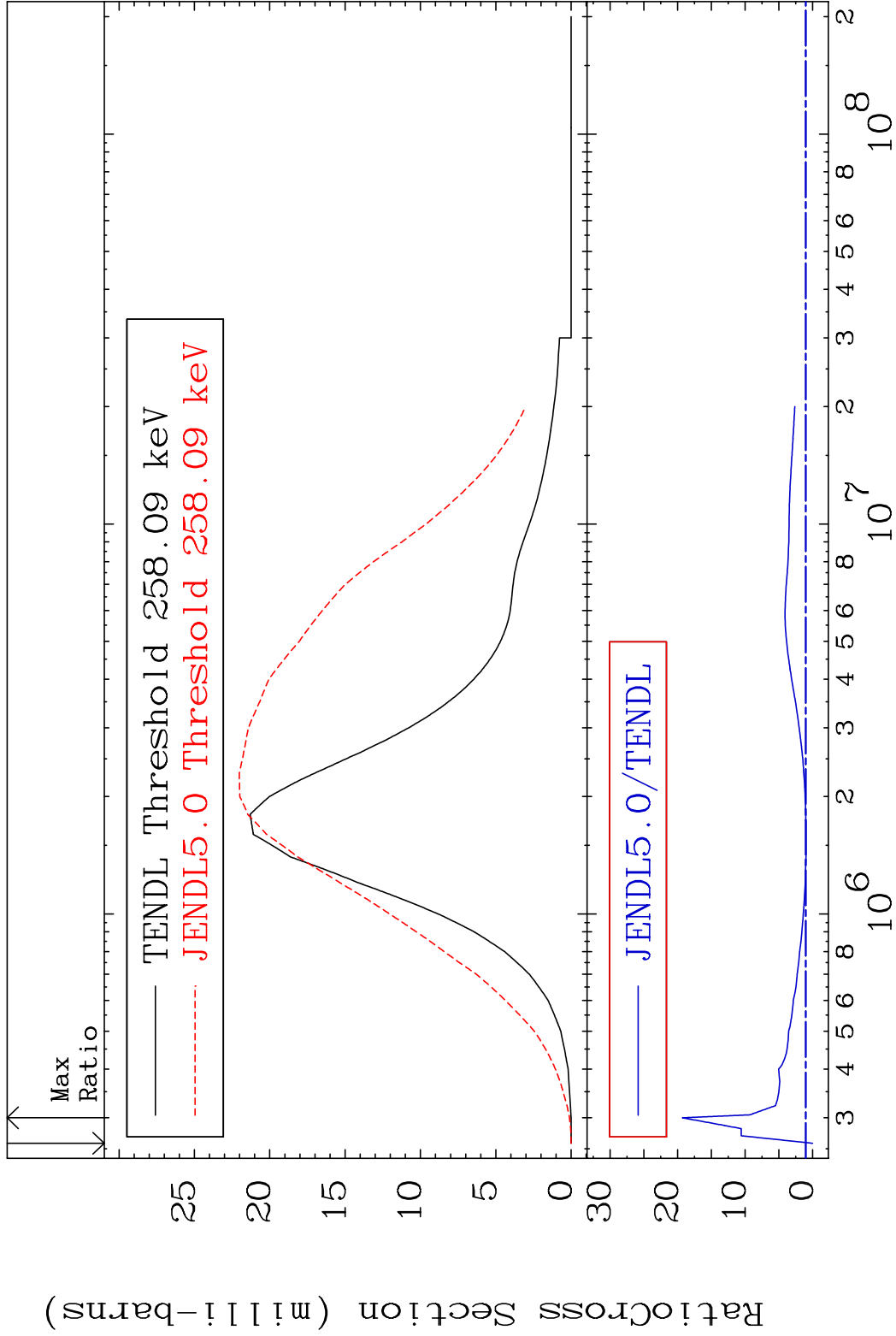


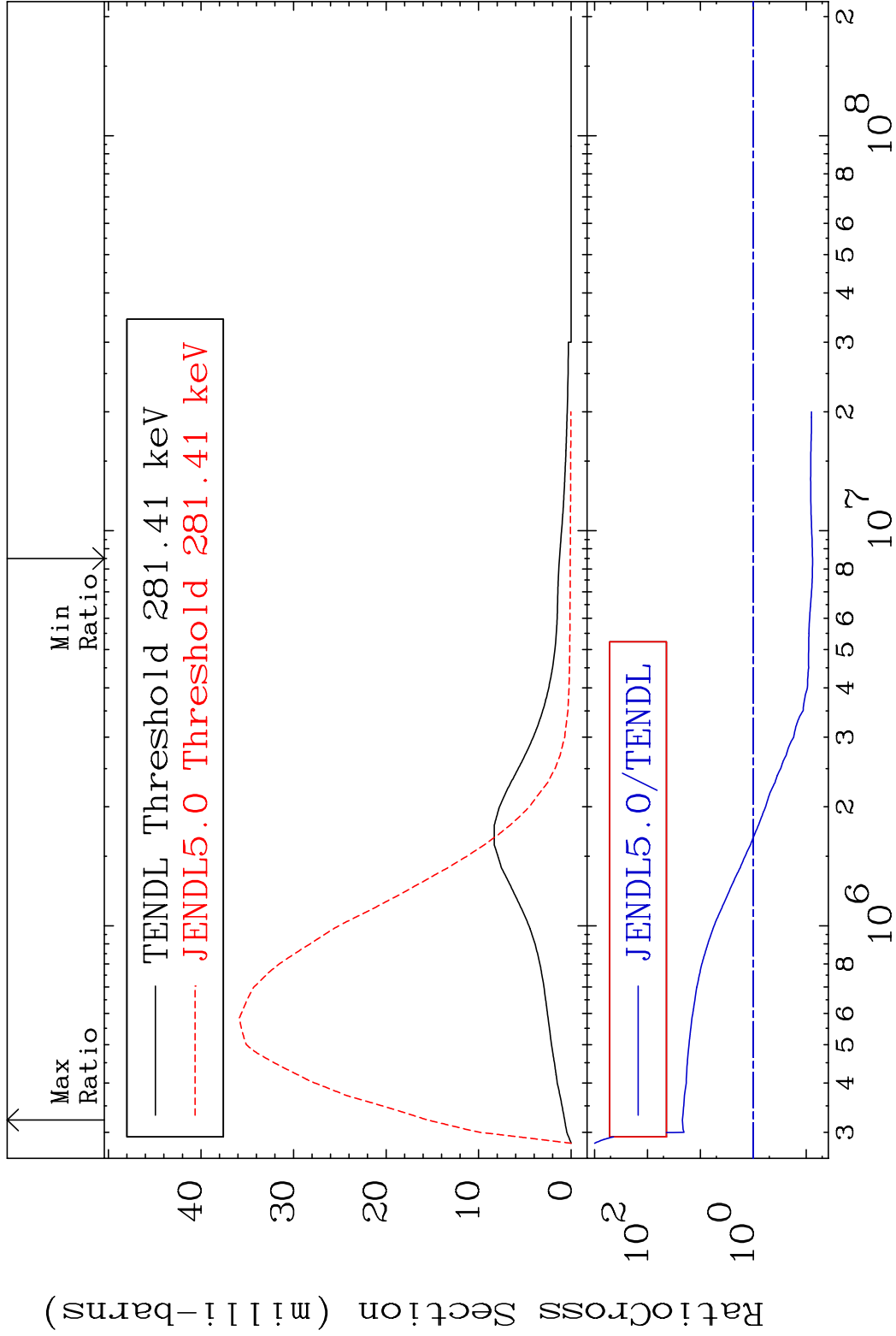
MAT 9431 MT= 57 (n,n') Level 94-Pu-237
Cross Section -89.47 To 3544. %



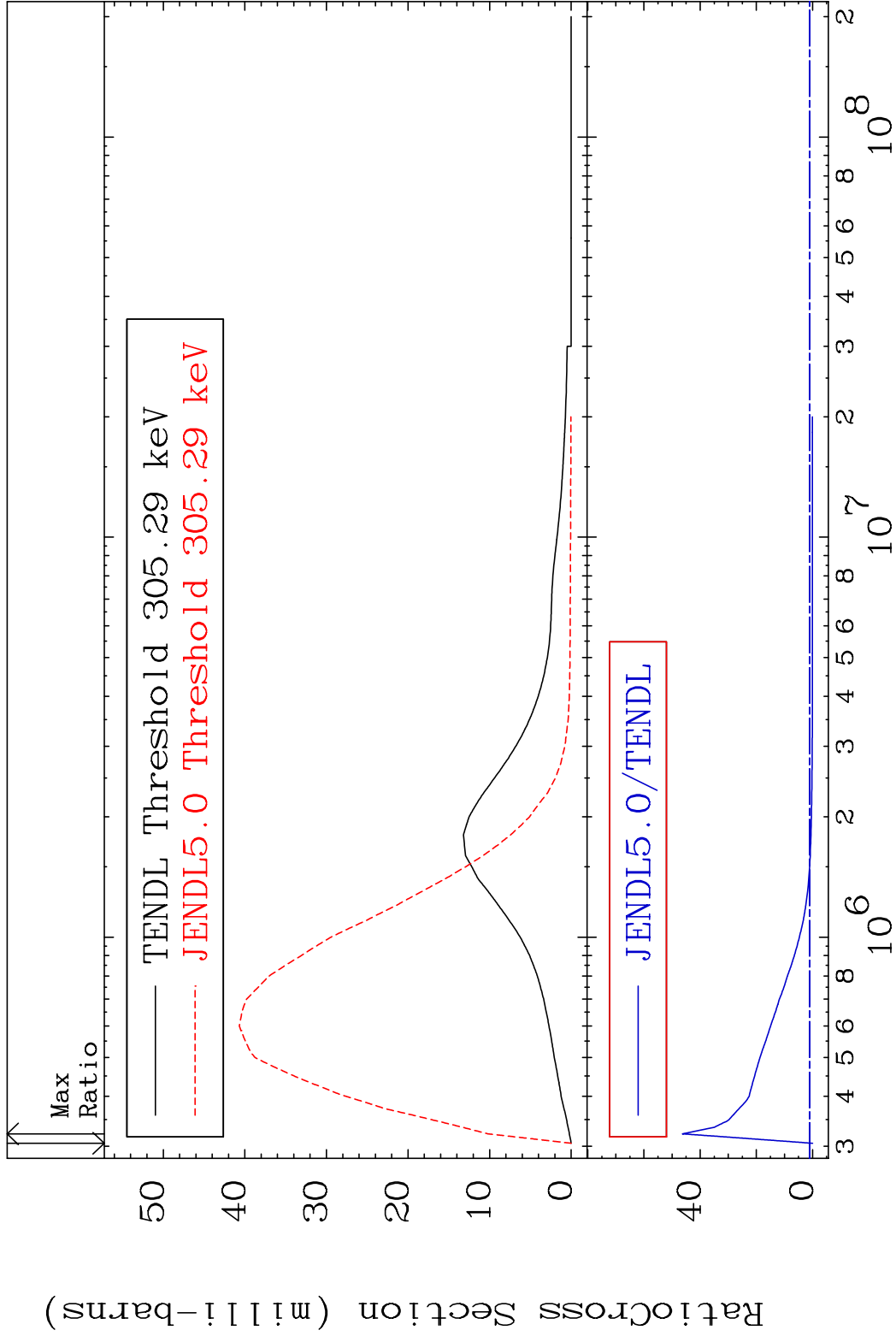
13 Incident Energy (eV) 94-Pu-237

MAT 9431 MT= 58 (n,n') Level 94-Pu-237
Cross Section -100.0 To 1829. %

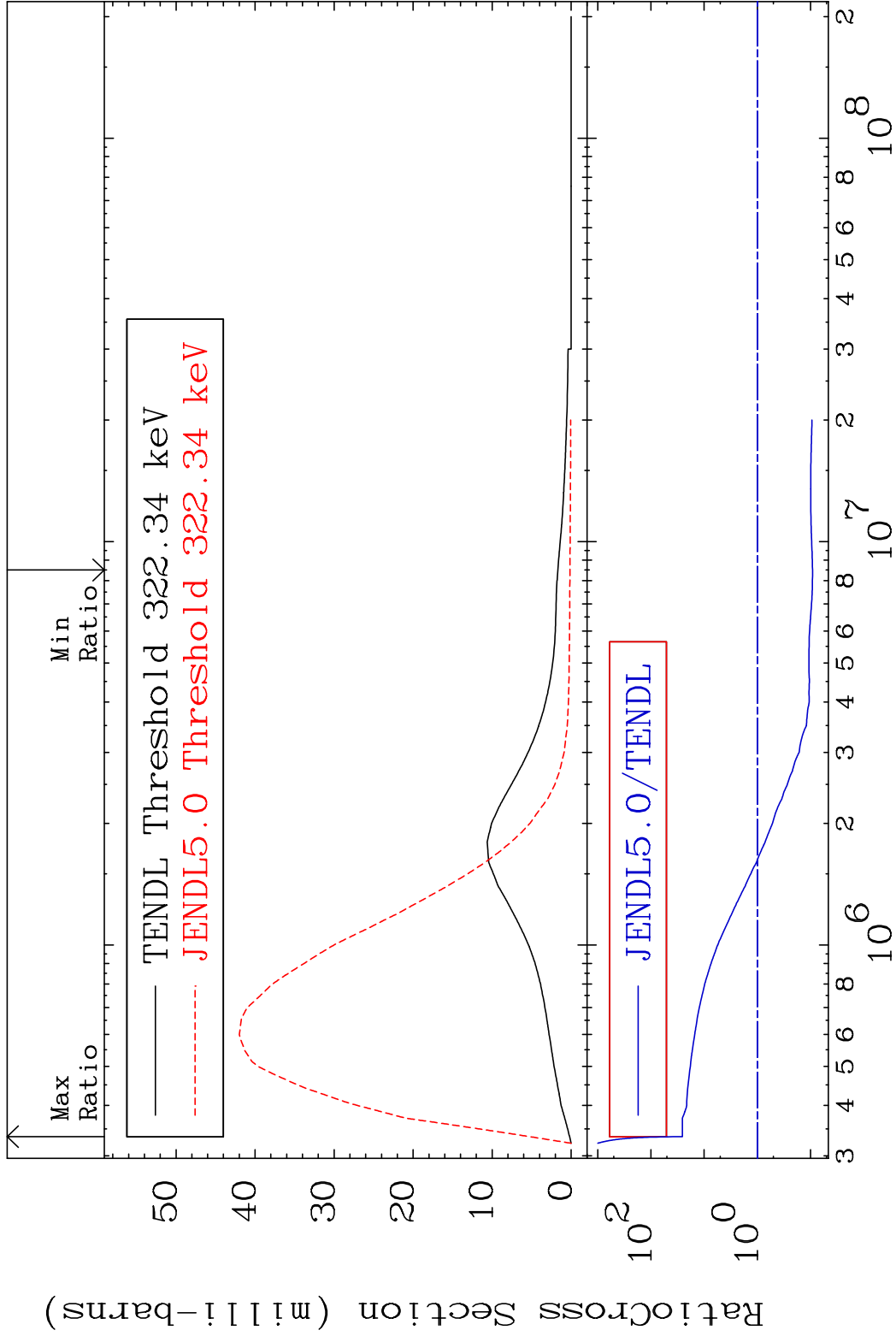




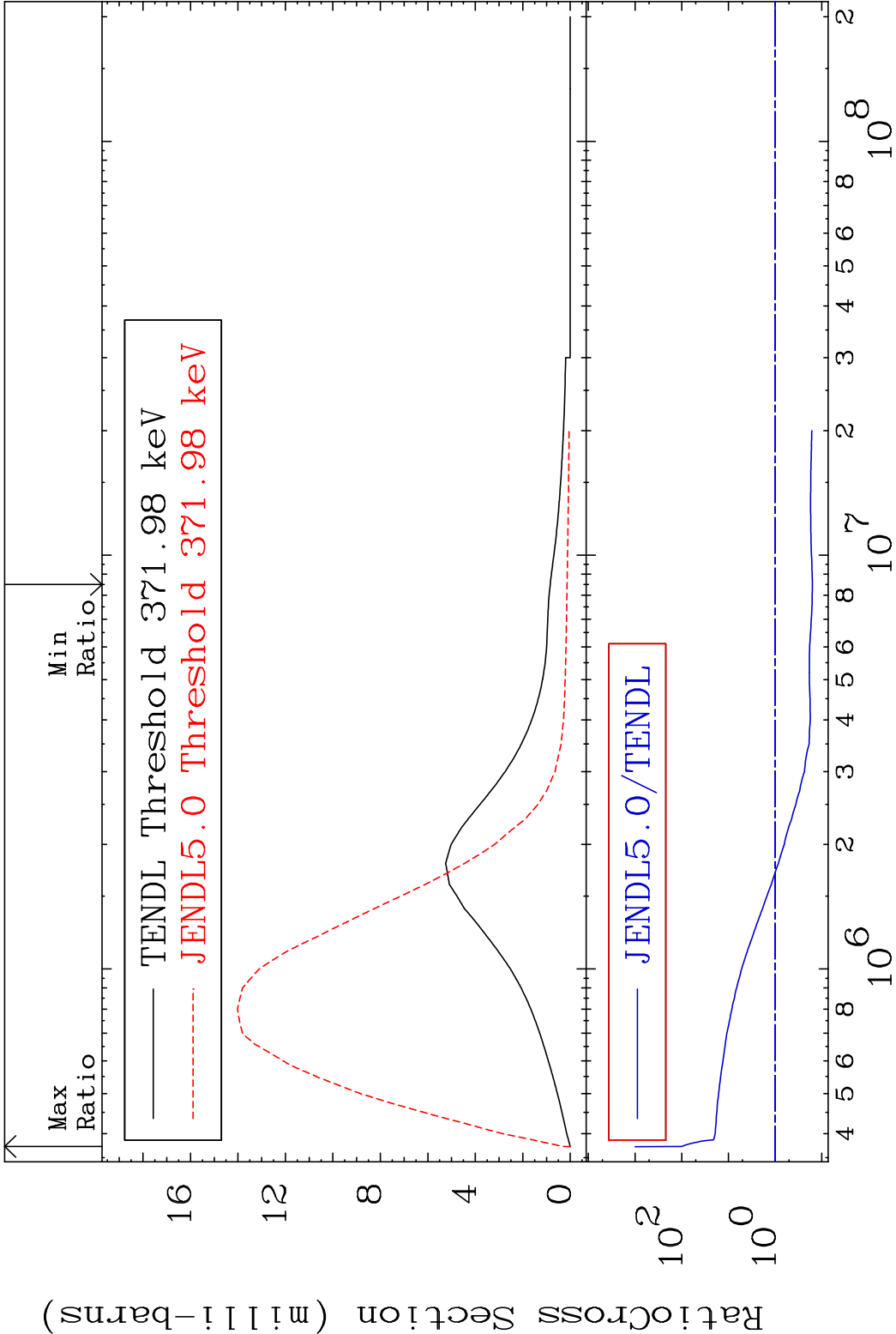
MAT 9431 MT= 60 (n,n') Level 94-Pu-237
Cross Section -100.0 To 4534. %



MAT 9431 MT= 61 (n,n') Level 94-Pu-237
Cross Section -90.83 To 2467. %

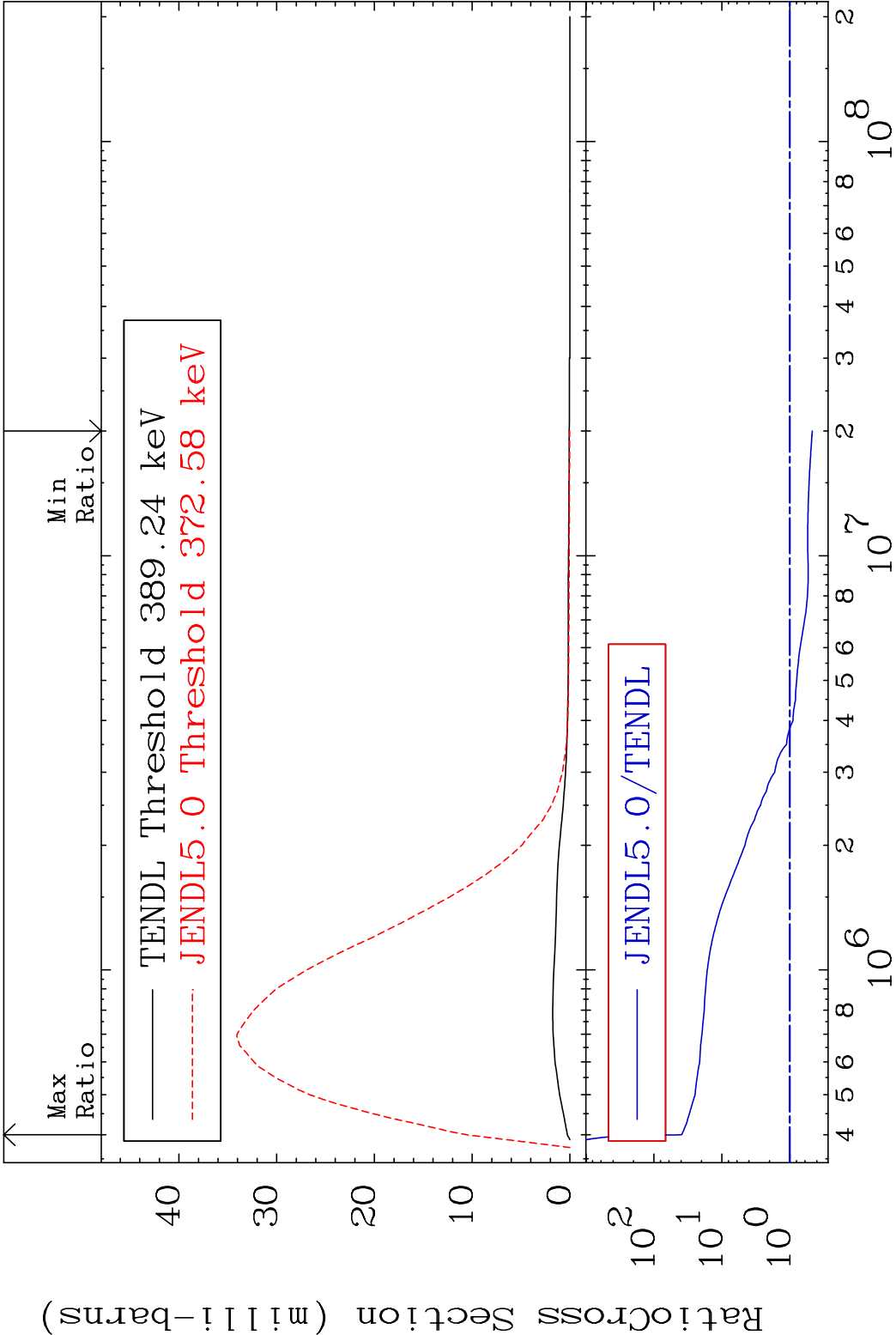


MAT 9431 MT= 62 (n,n') Level 94-Pu-237
Cross Section -84.11 To 9875. %



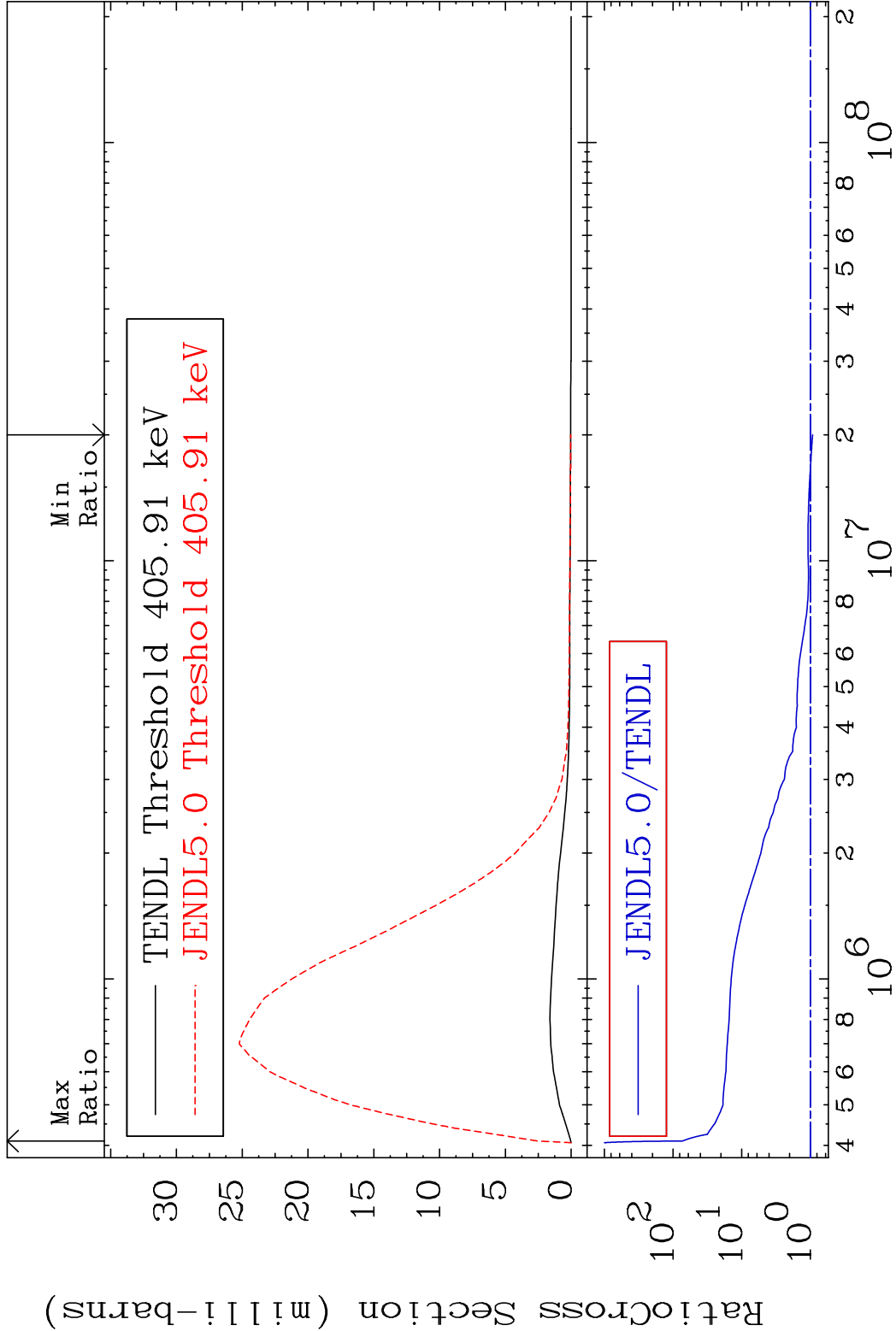
18 Incident Energy (eV) 94-Pu-237

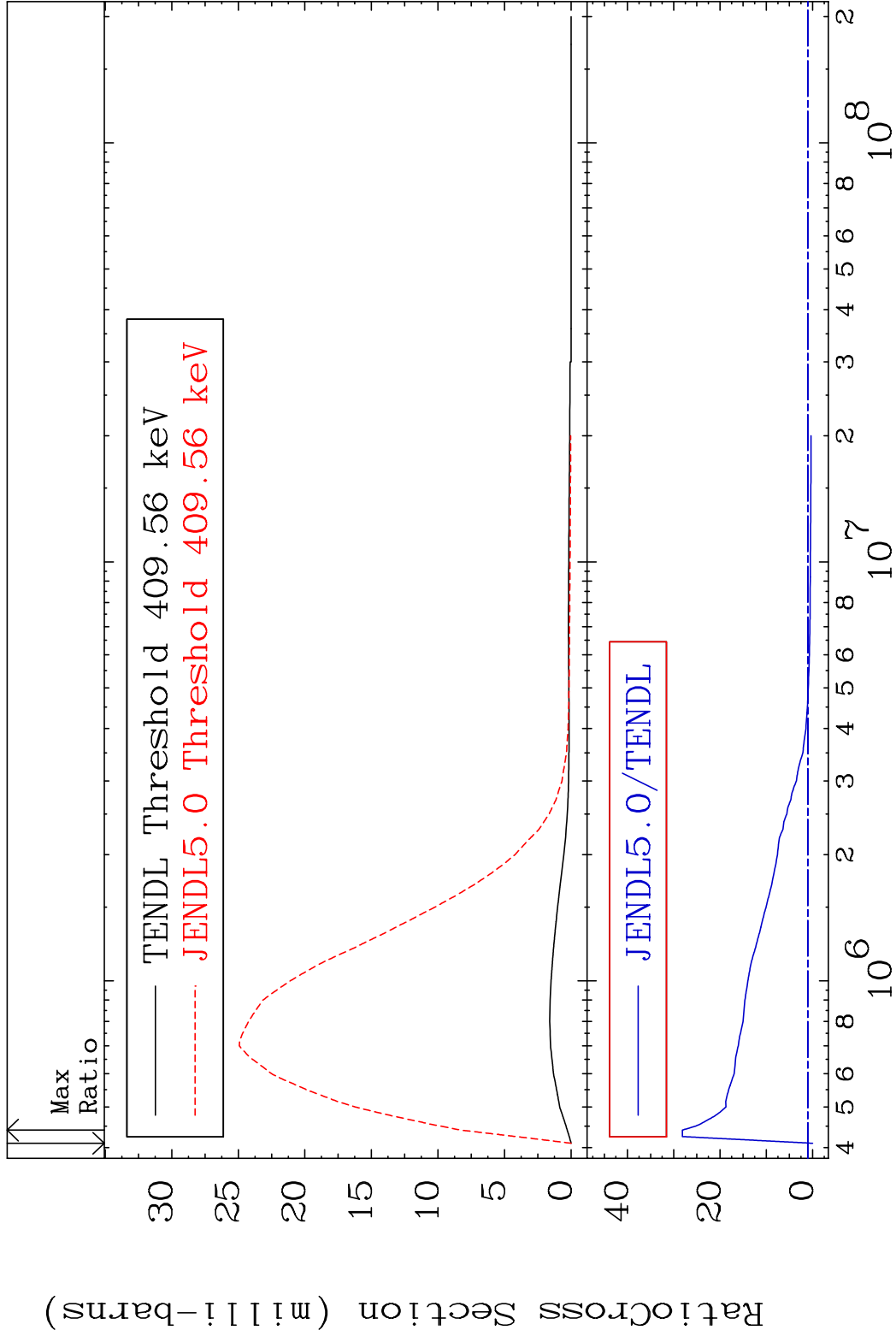
MAT 9431 MT= 63 (n,n') Level 94-Pu-237
Cross Section -53.13 To 3830. %



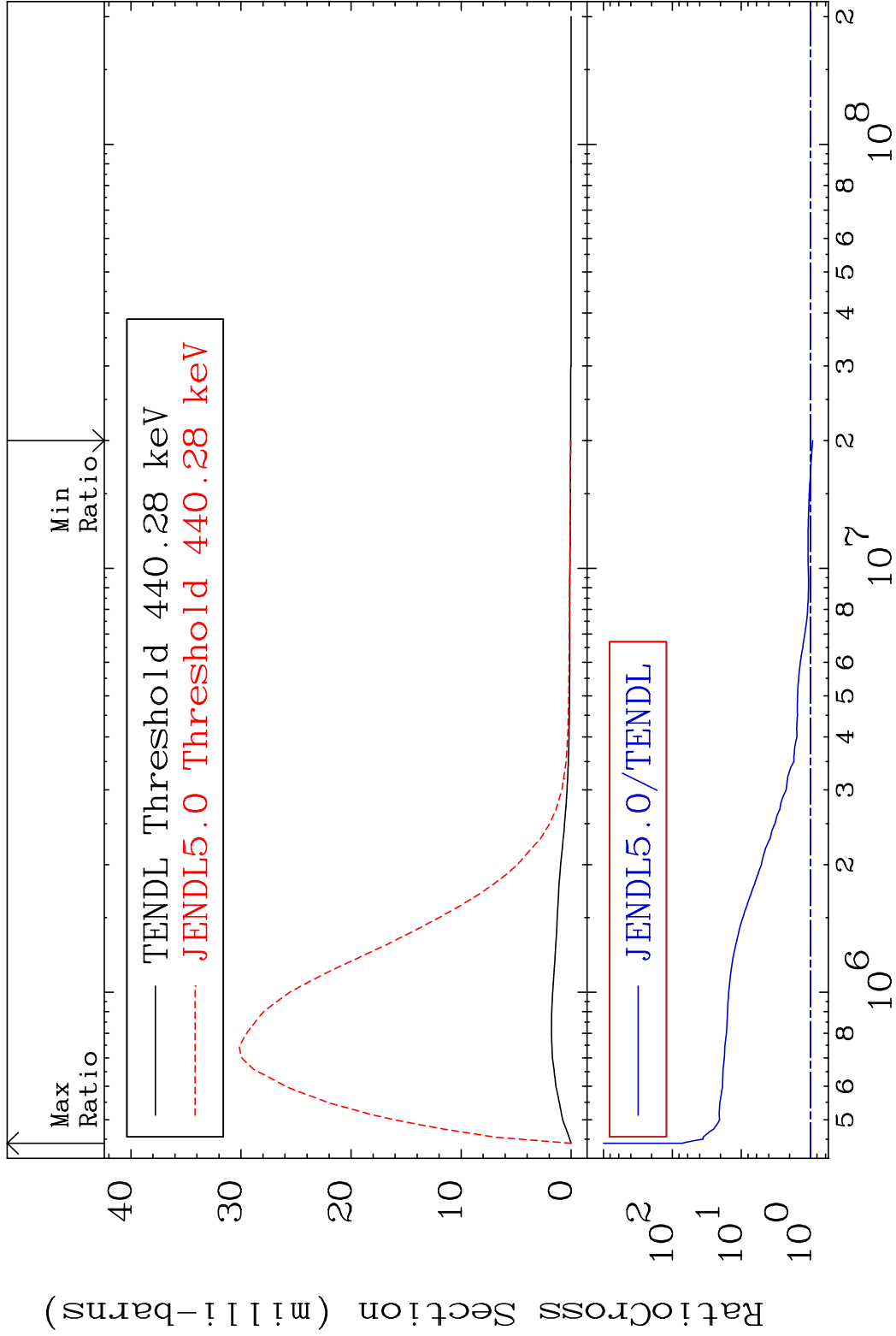
19 Incident Energy (eV) 94-Pu-237

MAT 9431 MT= 64 (n,n') Level 94-Pu-237
Cross Section -7.322 To 7223. %

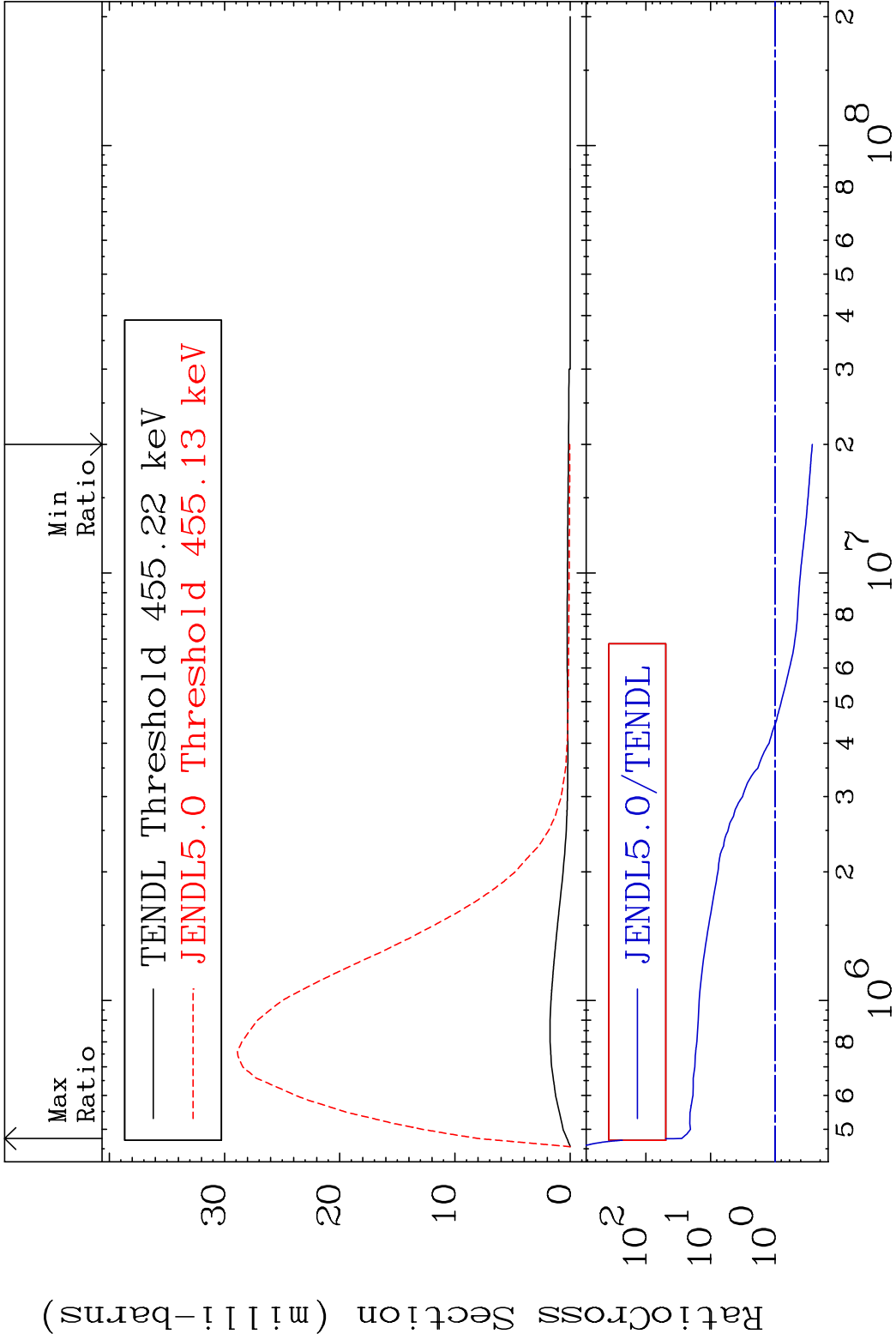




MAT 9431 MT= 66 (n,n') Level 94-Pu-237
Cross Section -7.496 To 7062. %



MAT 9431 MT= 67 (n,n') Level 94-Pu-237
Cross Section -73.47 To 2688. %



MAT 9431

MT= 68 (n,n')

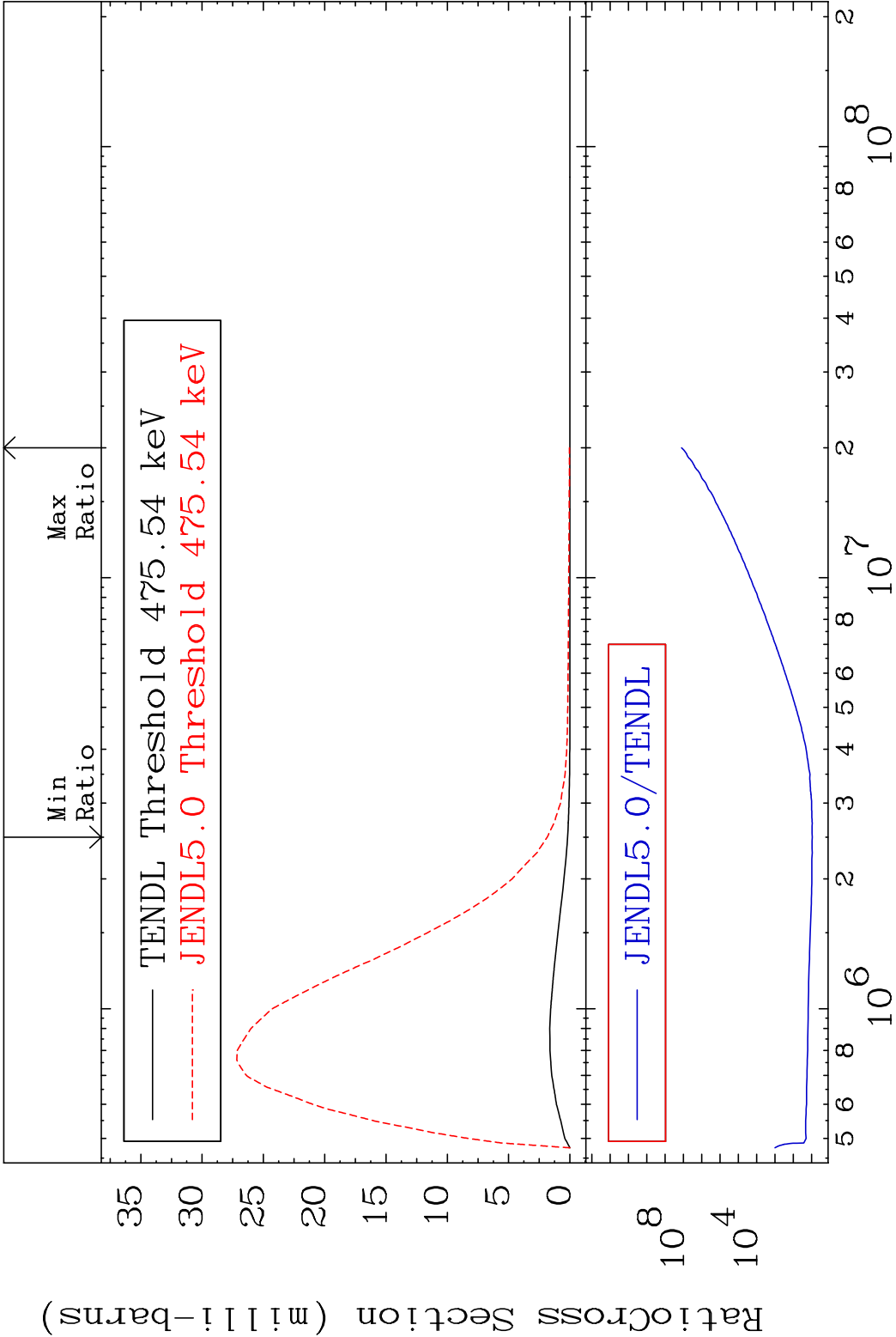
Level

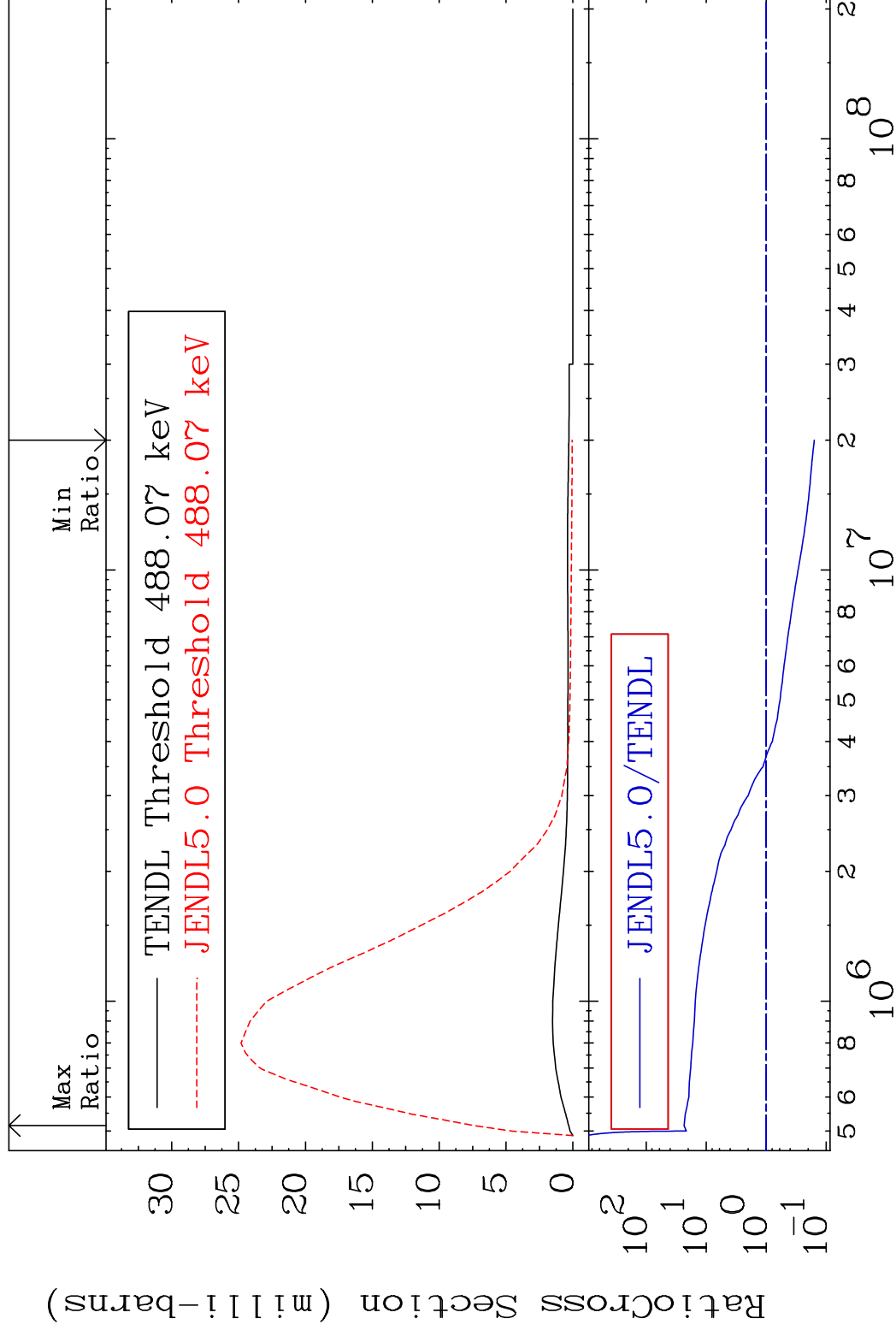
94-Pu-237

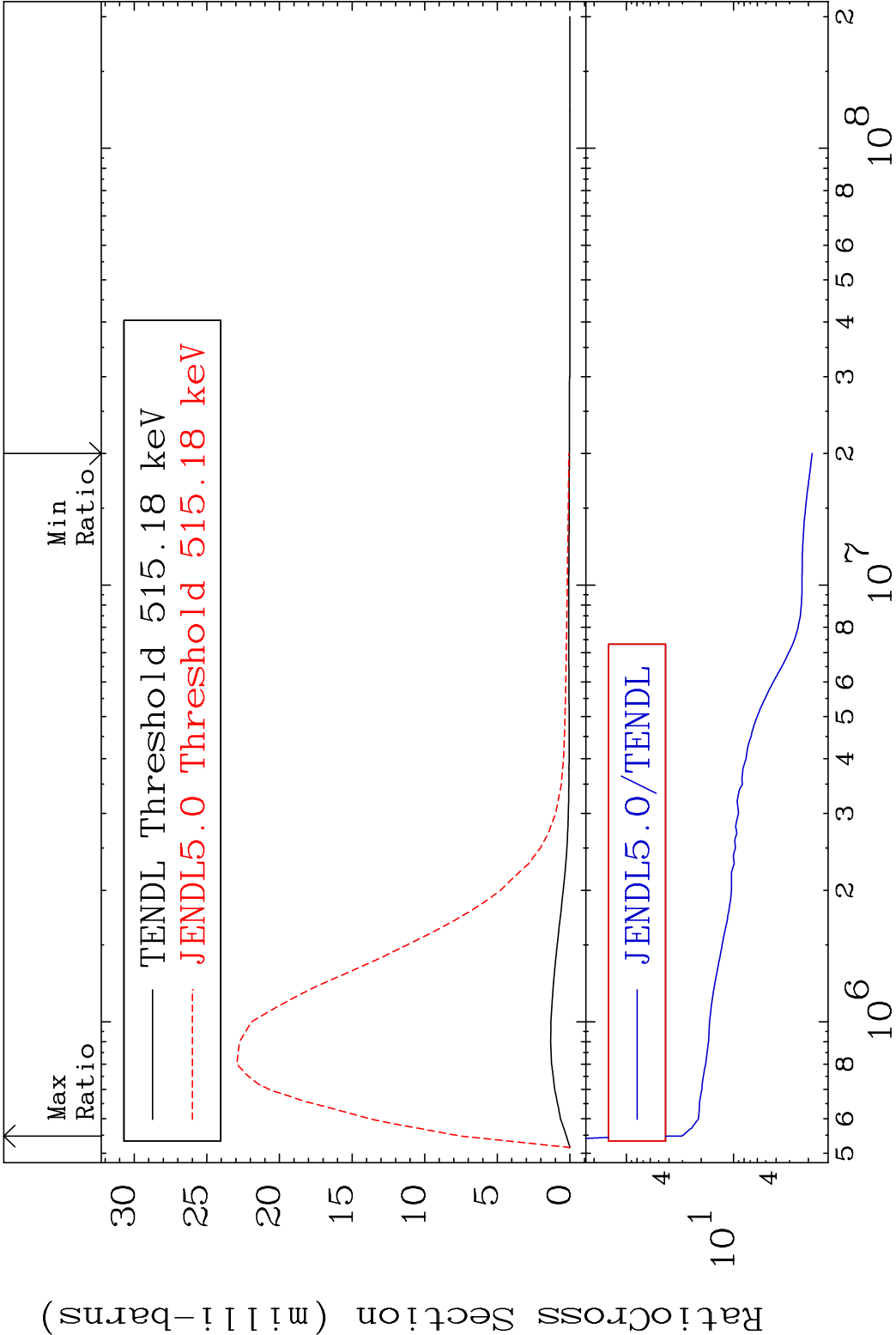
Cross Section

828.0

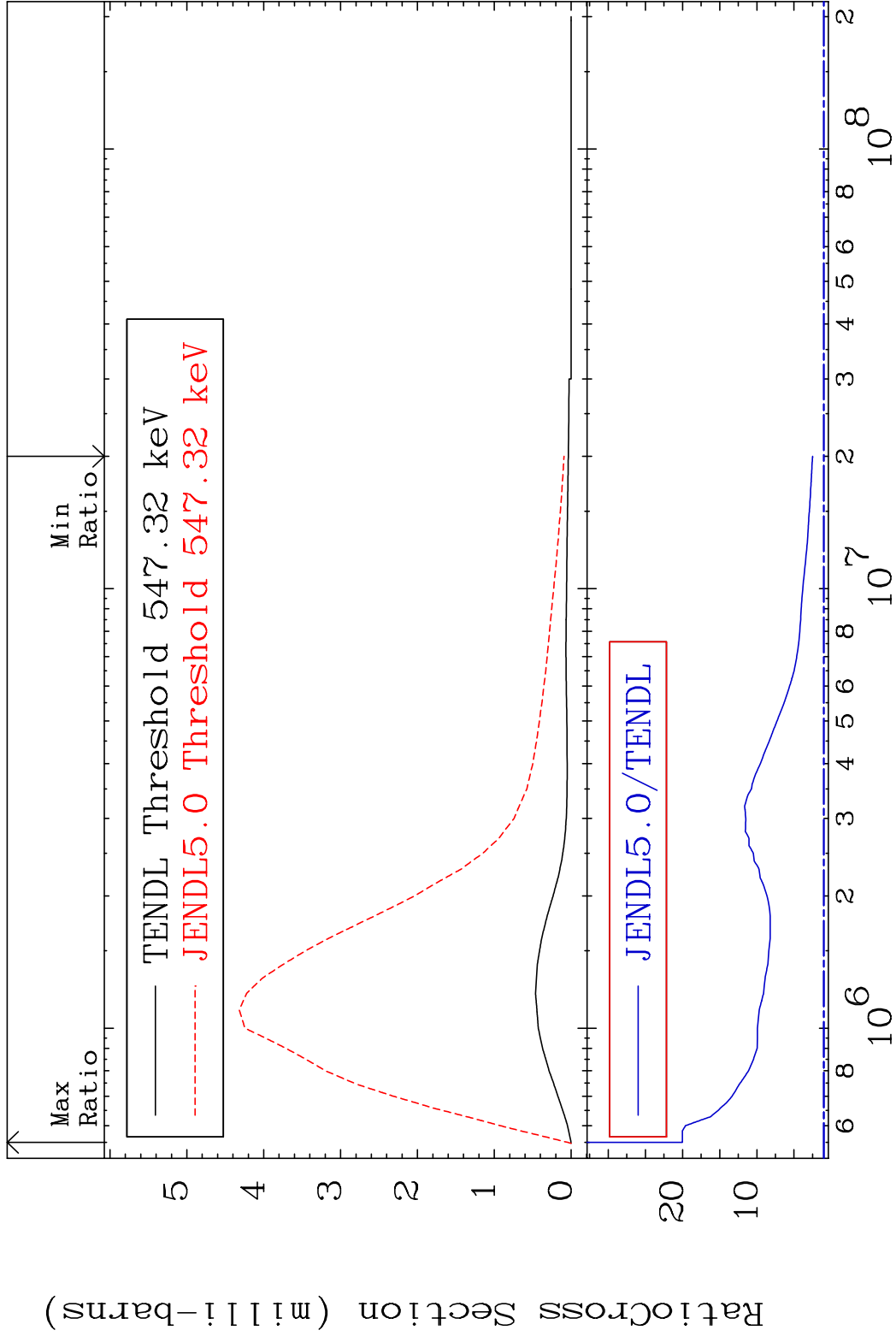
To 9999. %

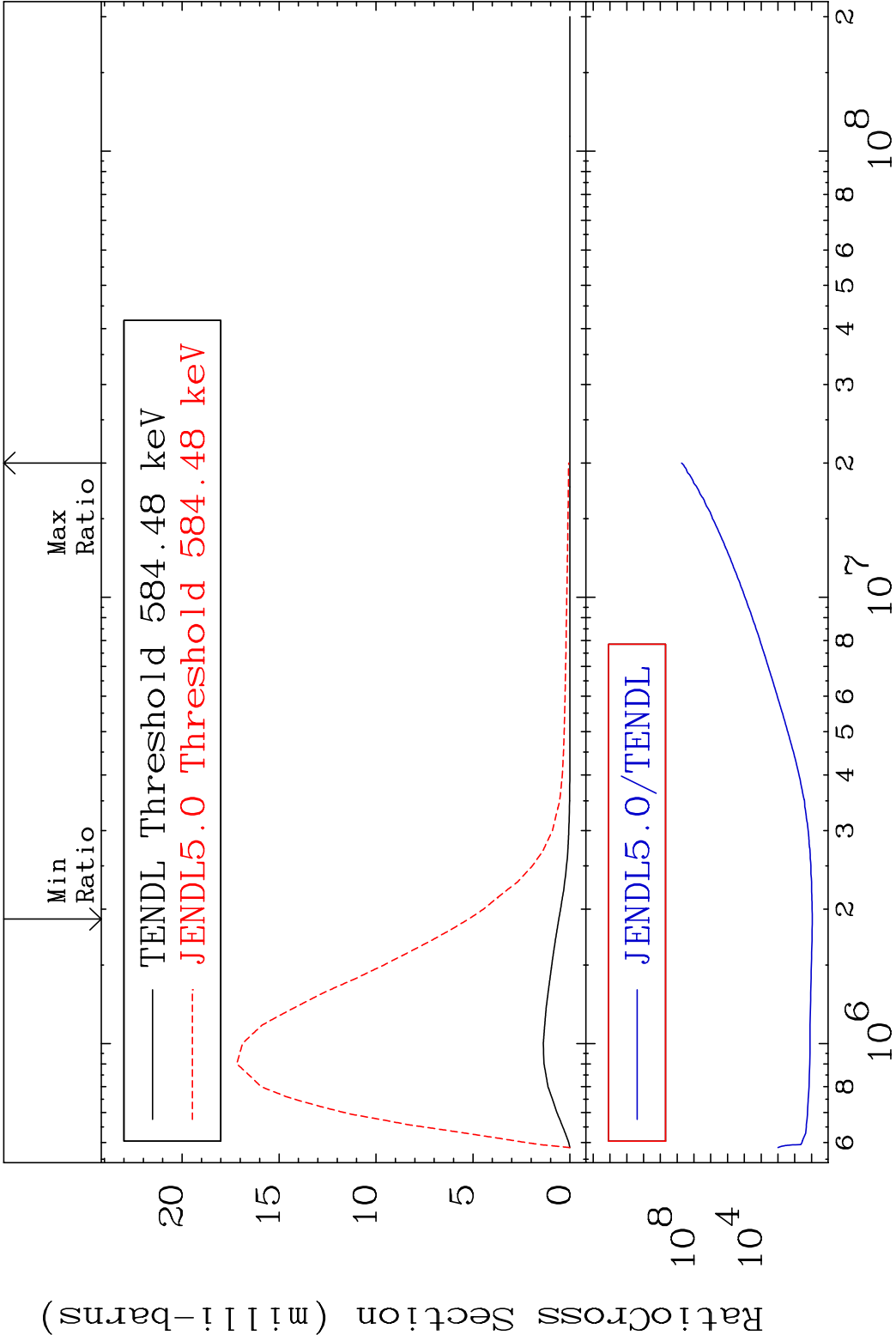




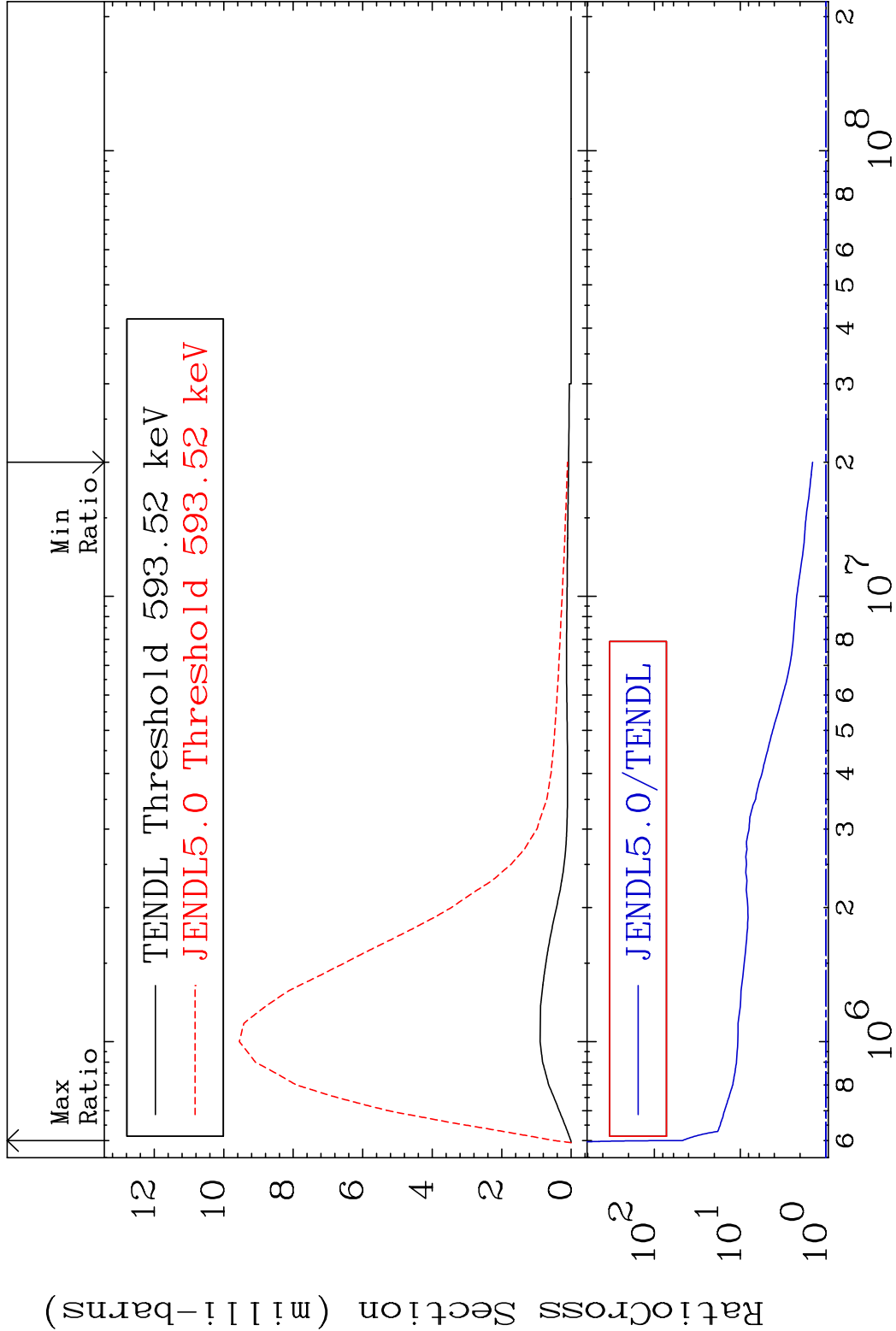


MAT 9431 MT= 71 (n,n') Level 94-Pu-237
Cross Section 150.5 To 1902. %



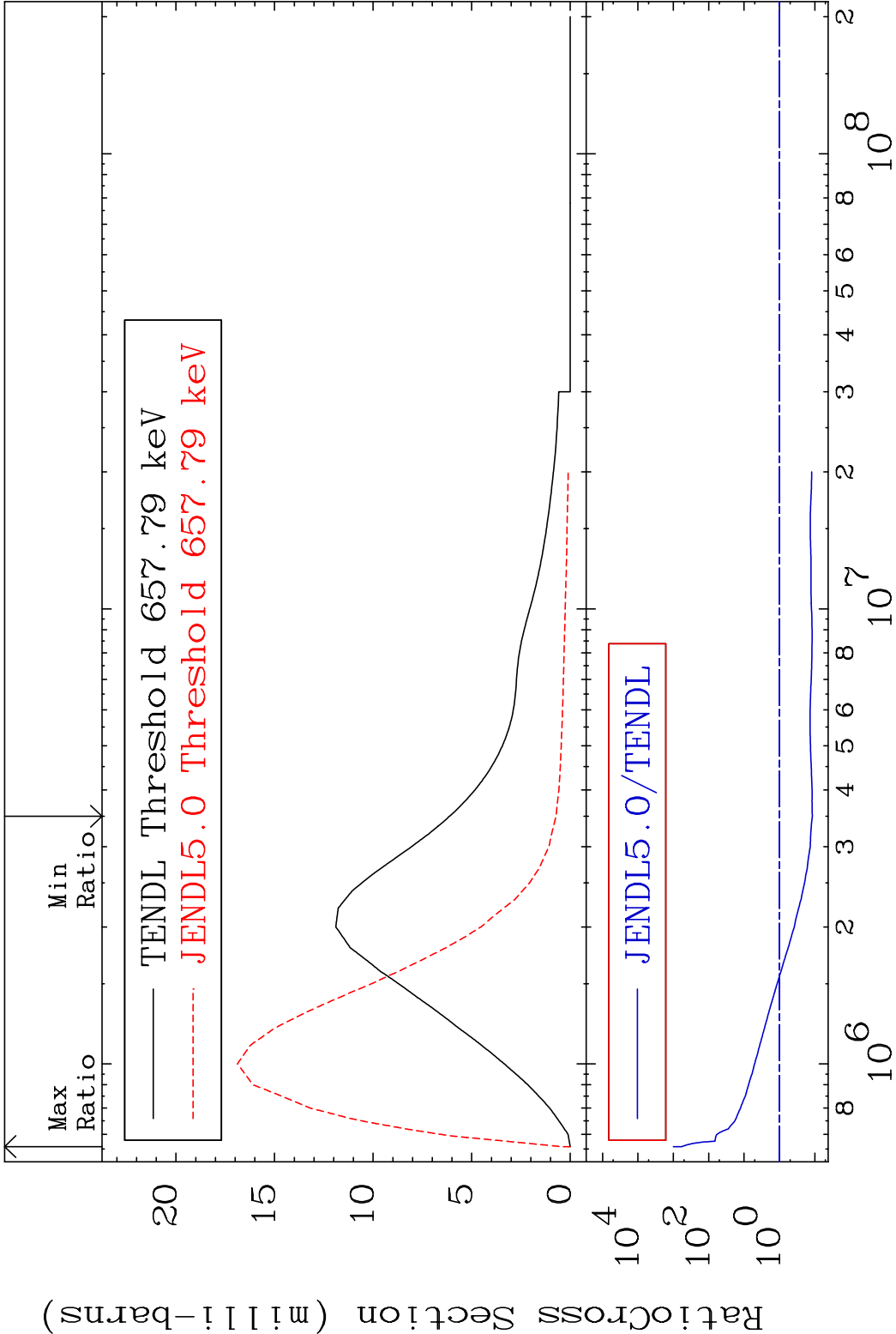


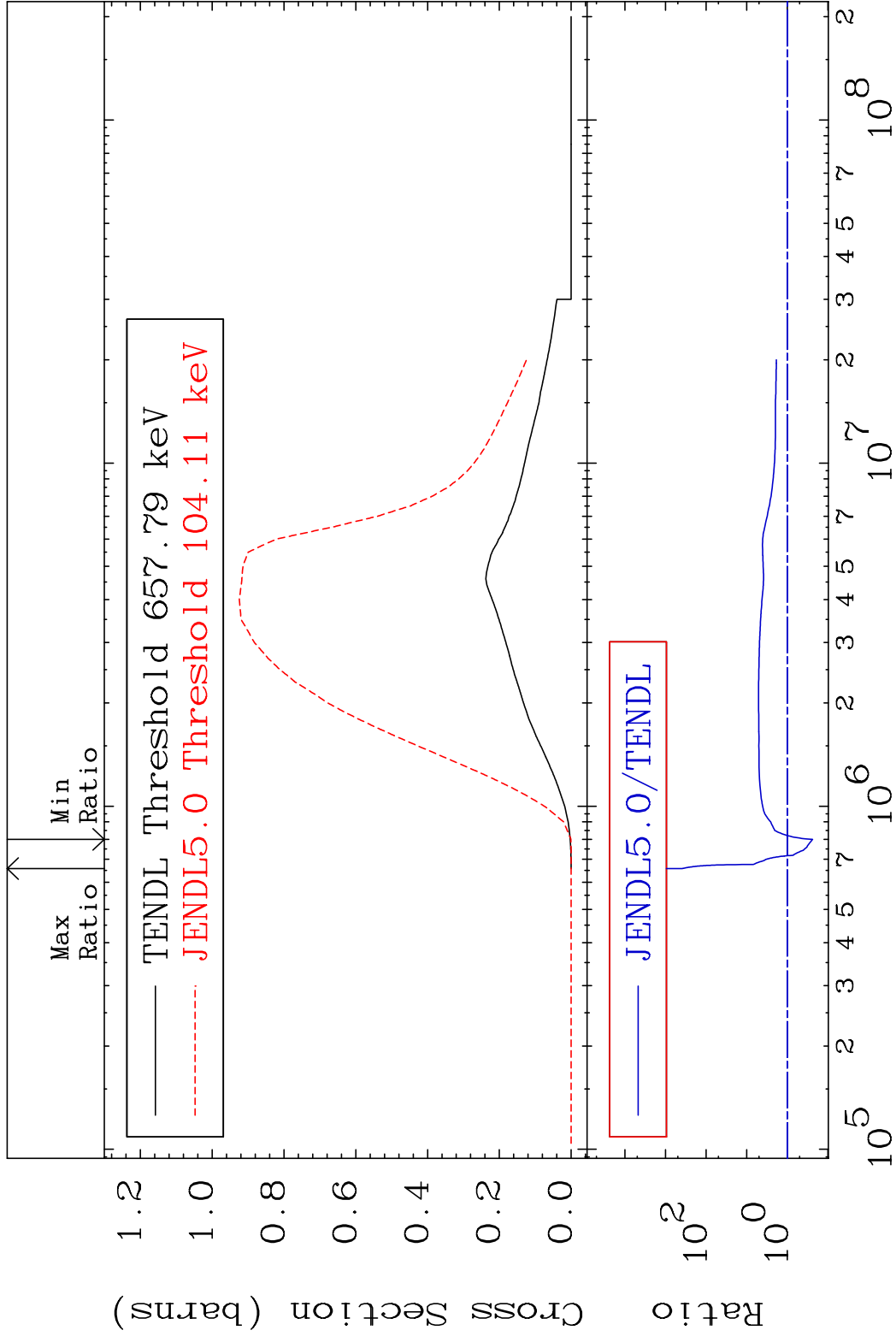
MAT 9431 MT= 73 (n,n') Level 94-Pu-237
Cross Section 43.42 To 4625. %

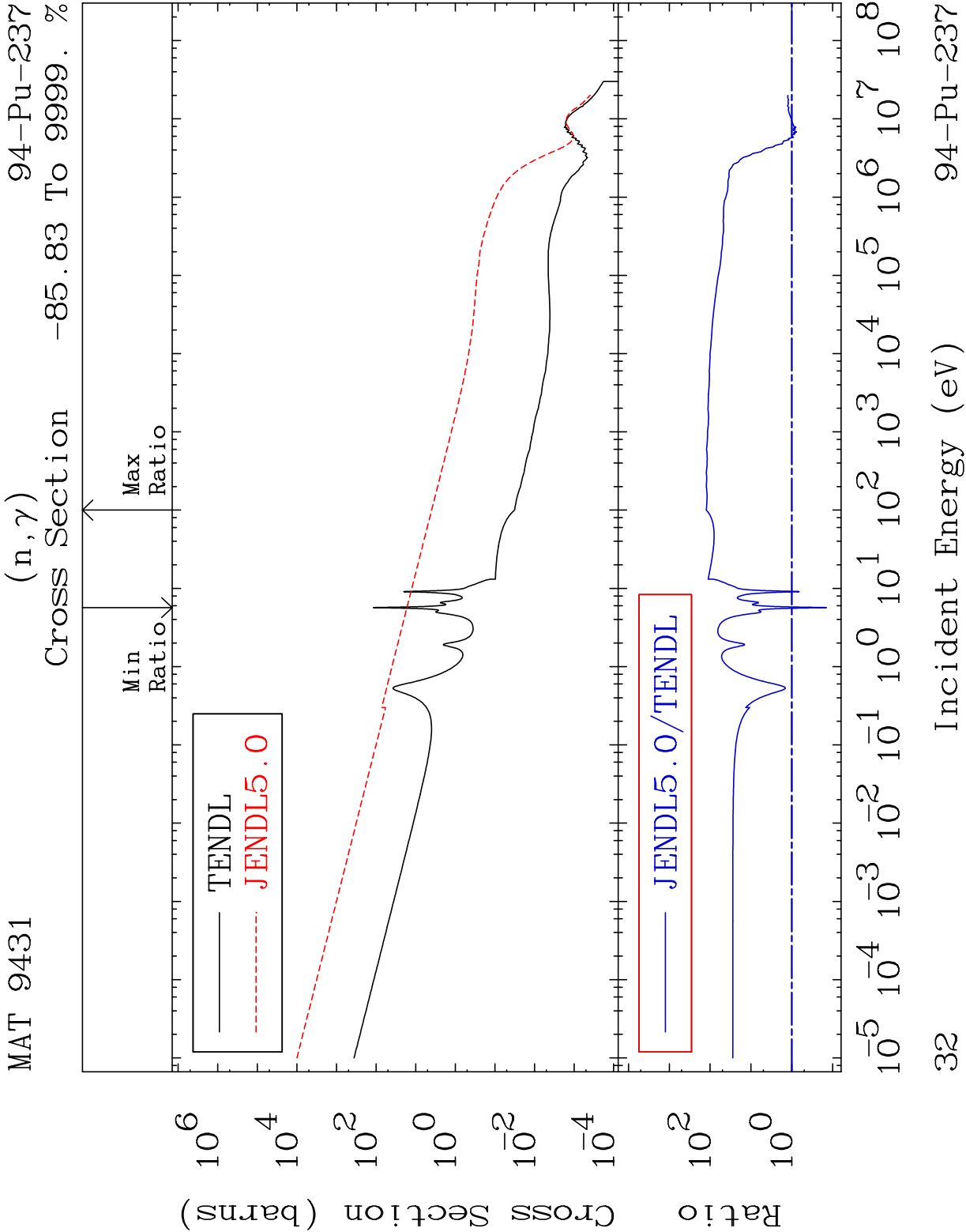


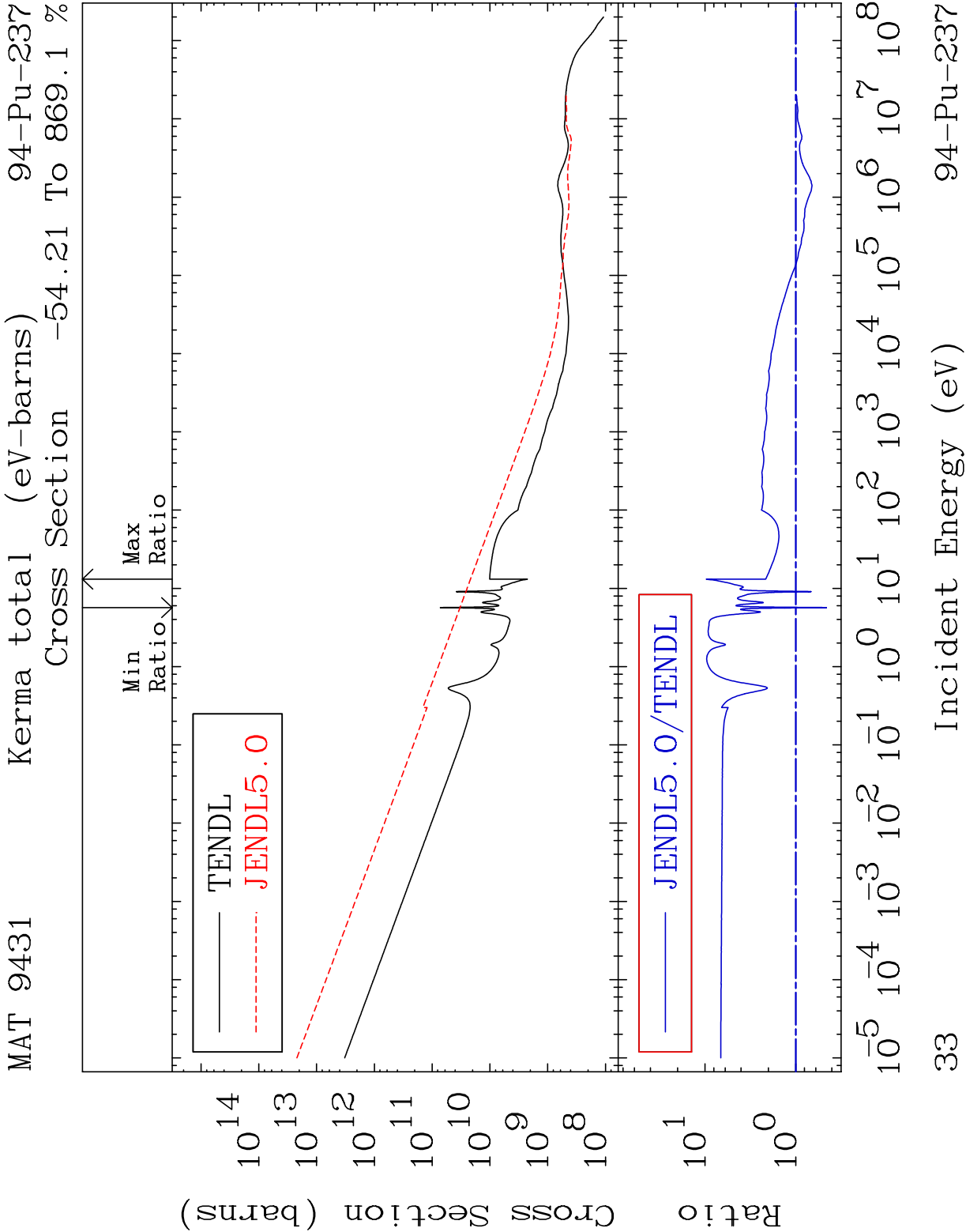
MAT 9431MT= 74 (n,n') Level94-Pu-237

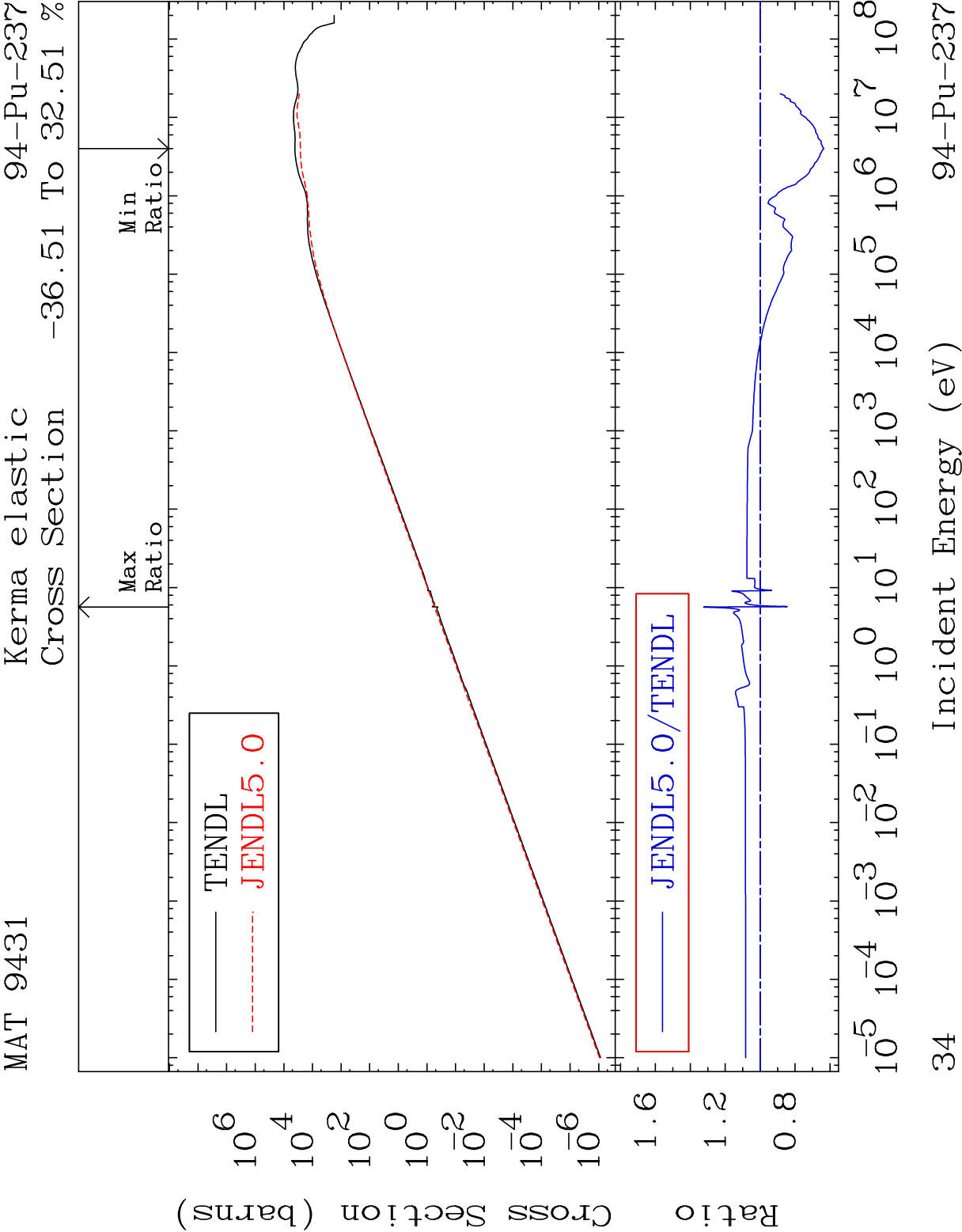
Cross Section-88.21 To 9999. %



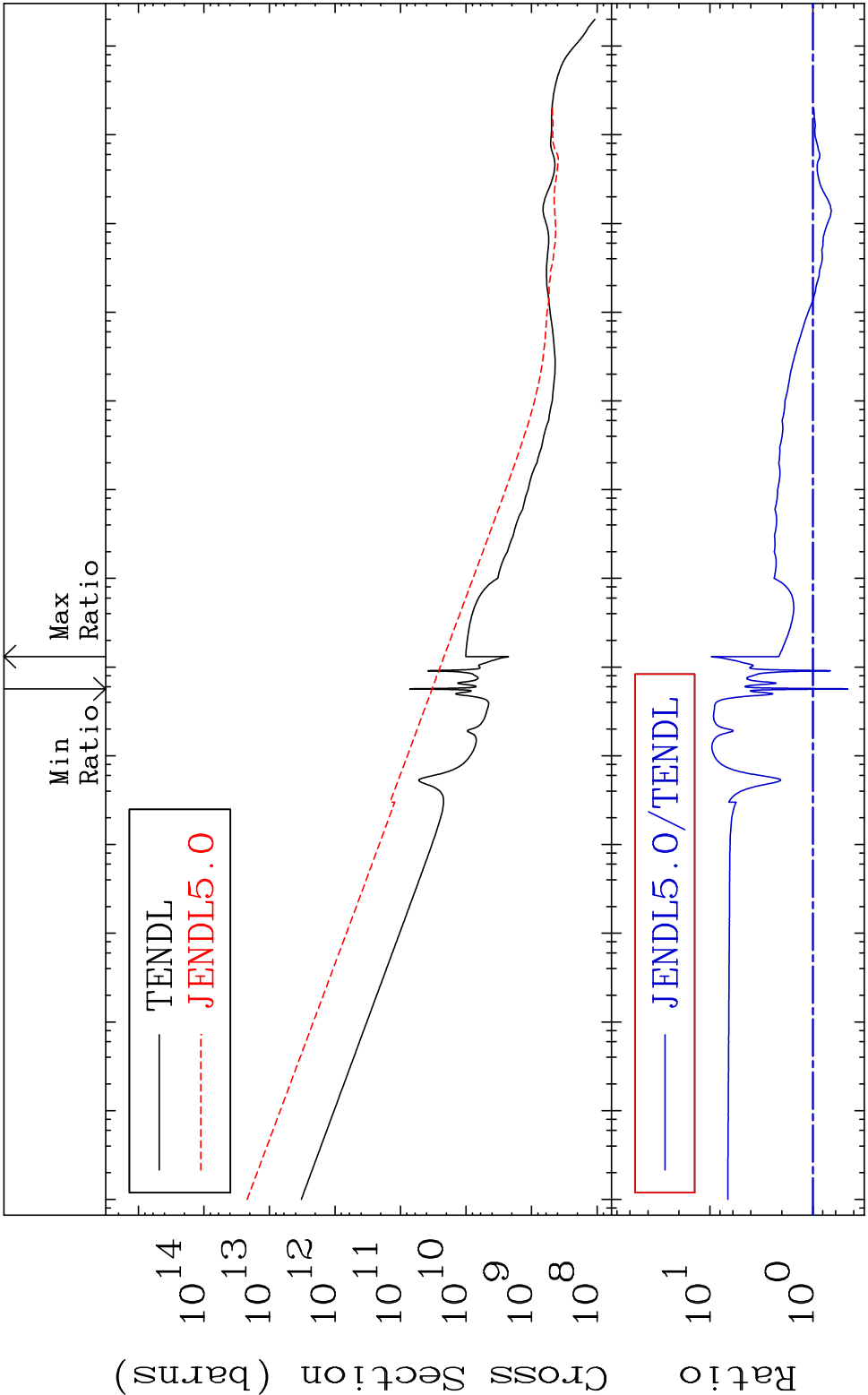


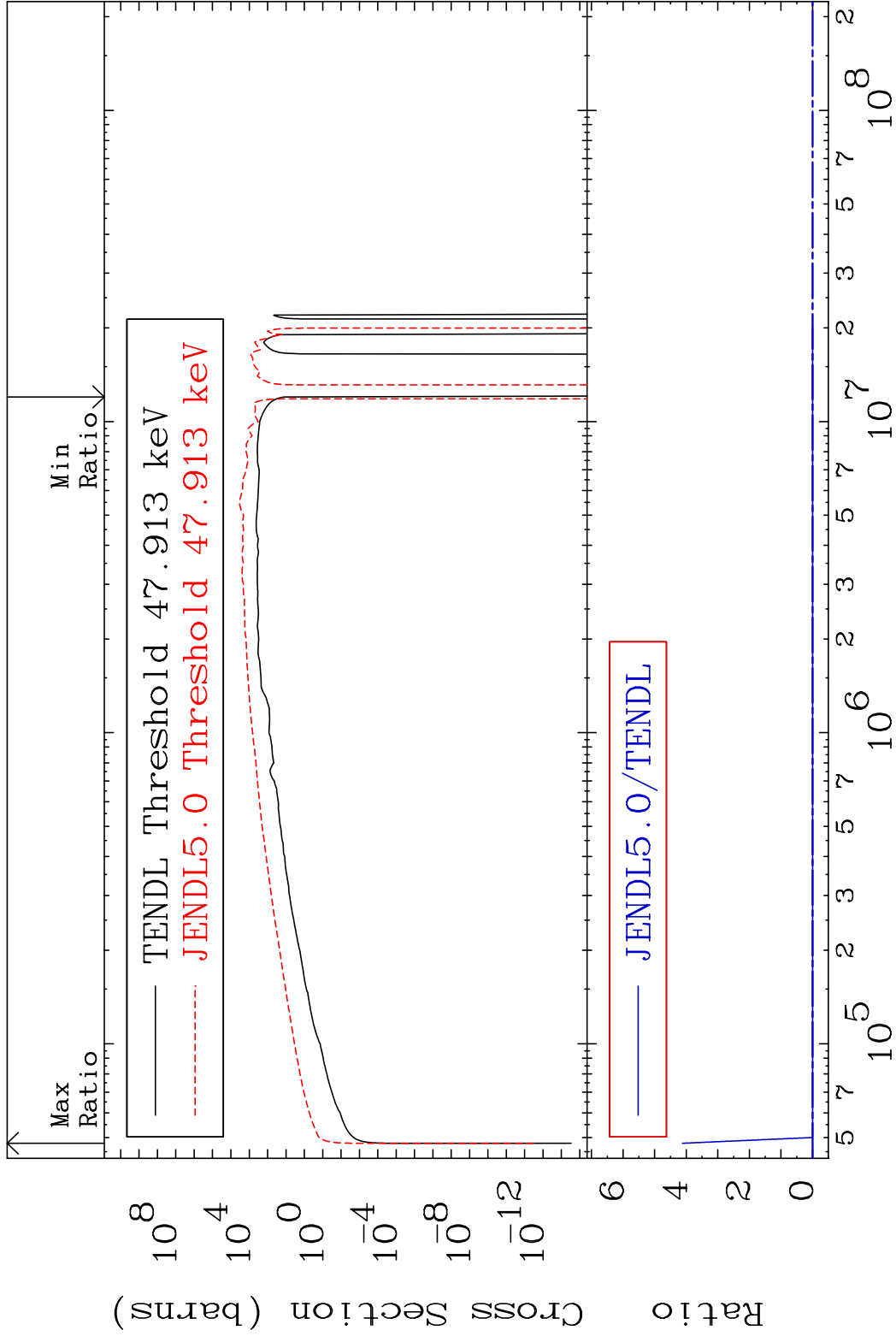






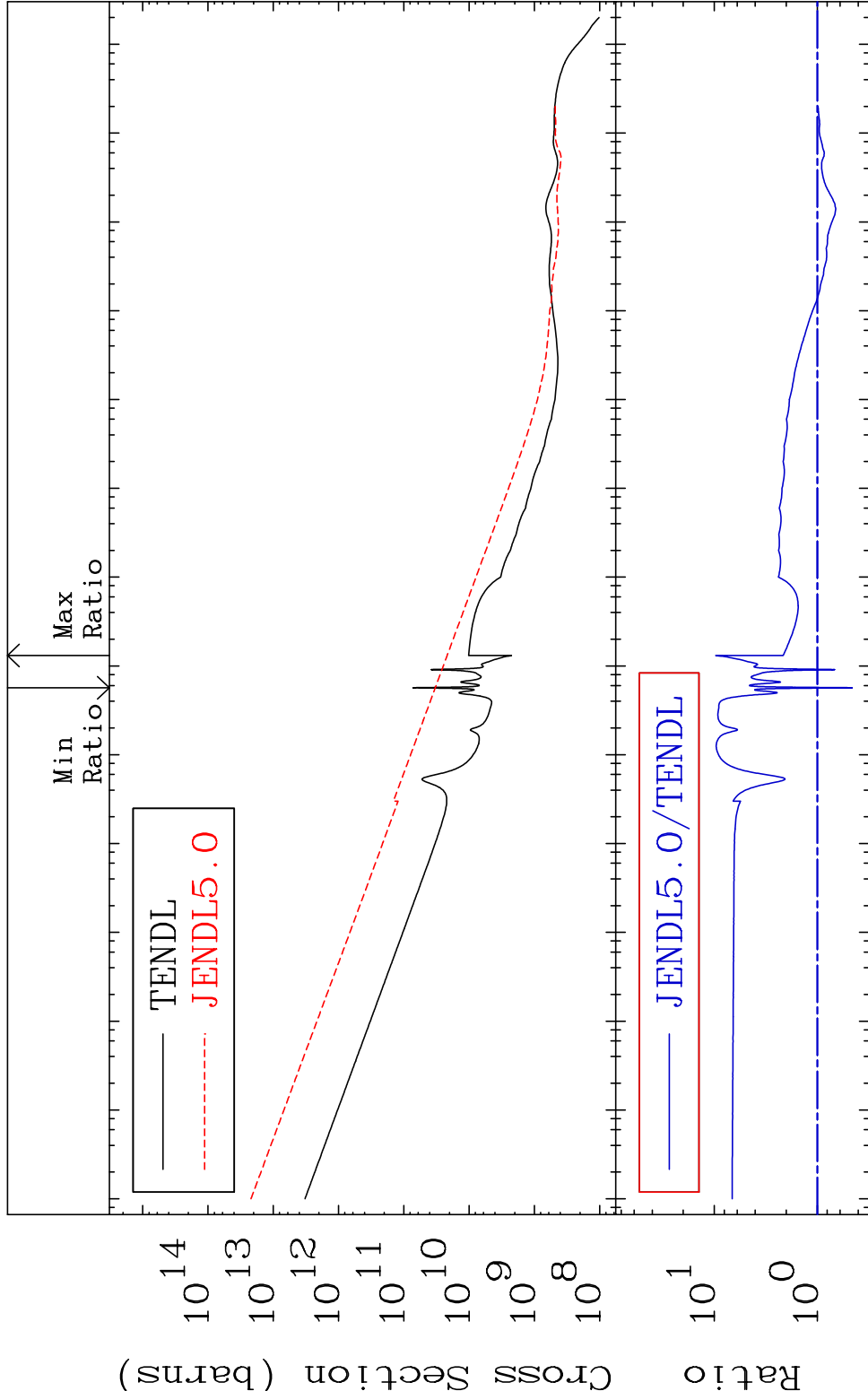
MAT 9431 Kerma non-elastic (all but mt2) 94-Pu-237
 Cross Section -54.21 To 869.1 %





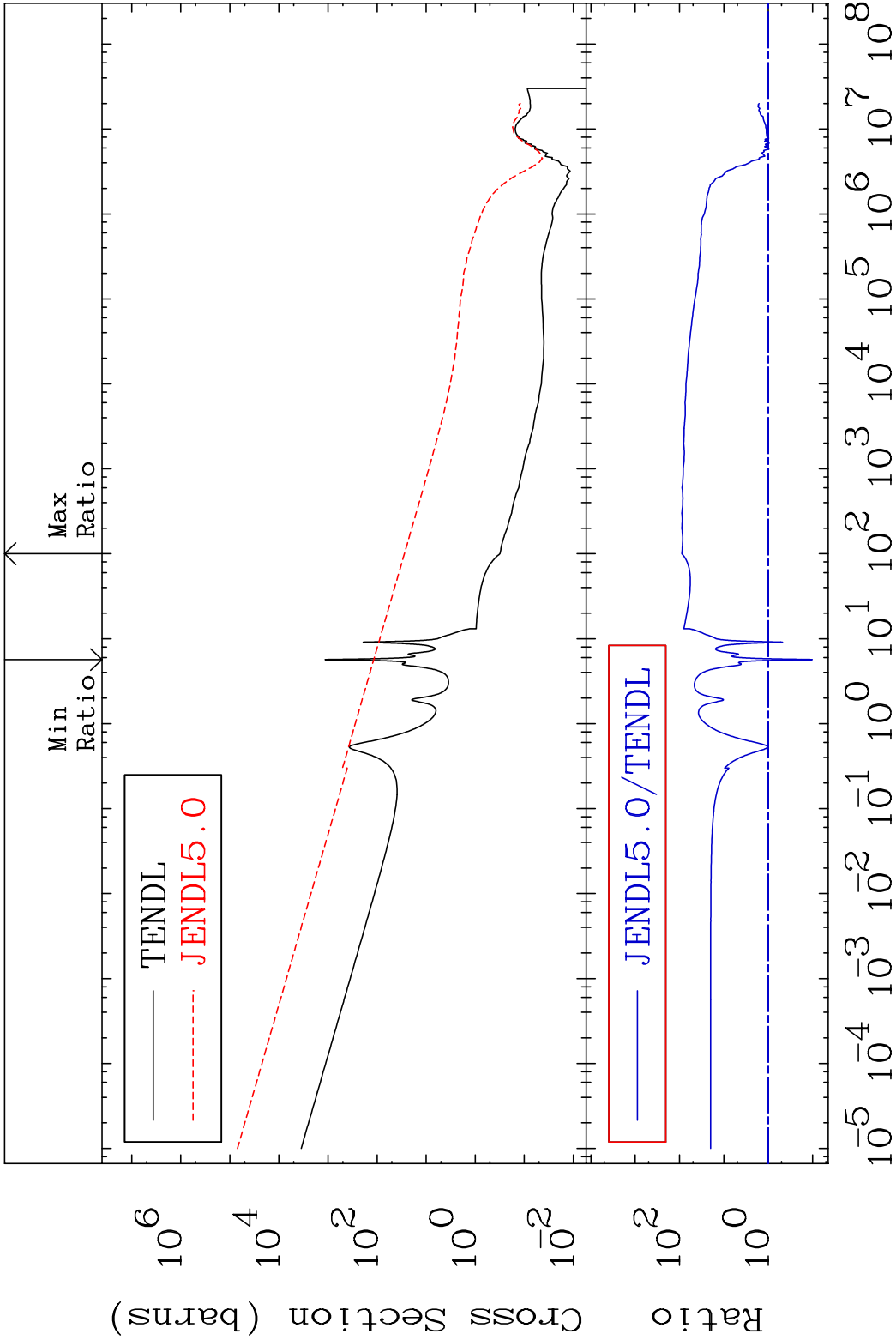
MAT 9431 Kerma fission (mt18 or mt19-20-21-38)94-Pu-237

Cross Section -54.21 To 869.1 %



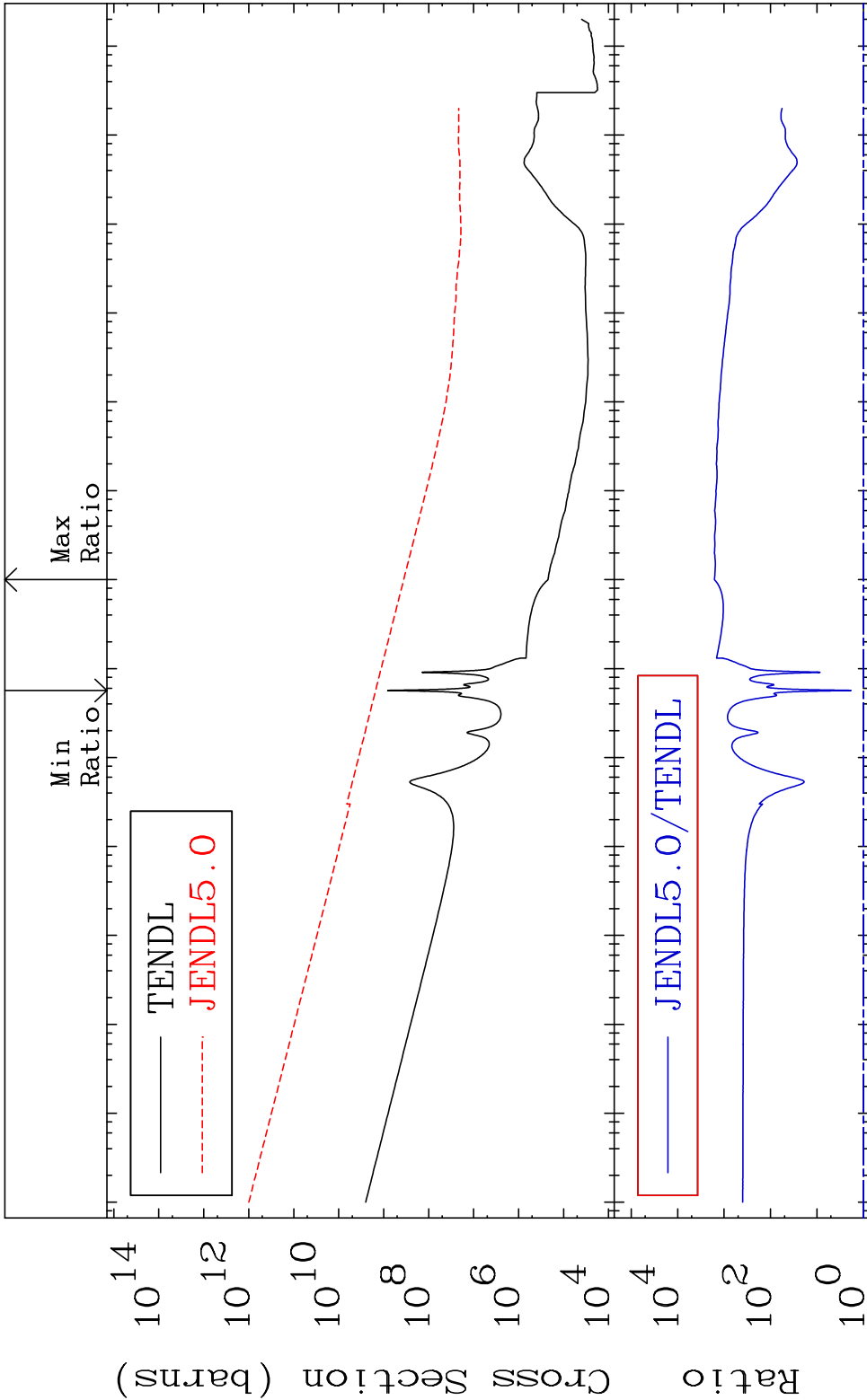
37 Incident Energy (eV) 94-Pu-237

MAT 9431 Kerma capture (mt102) 94-Pu-237
Cross Section -89.86 To 8828. %



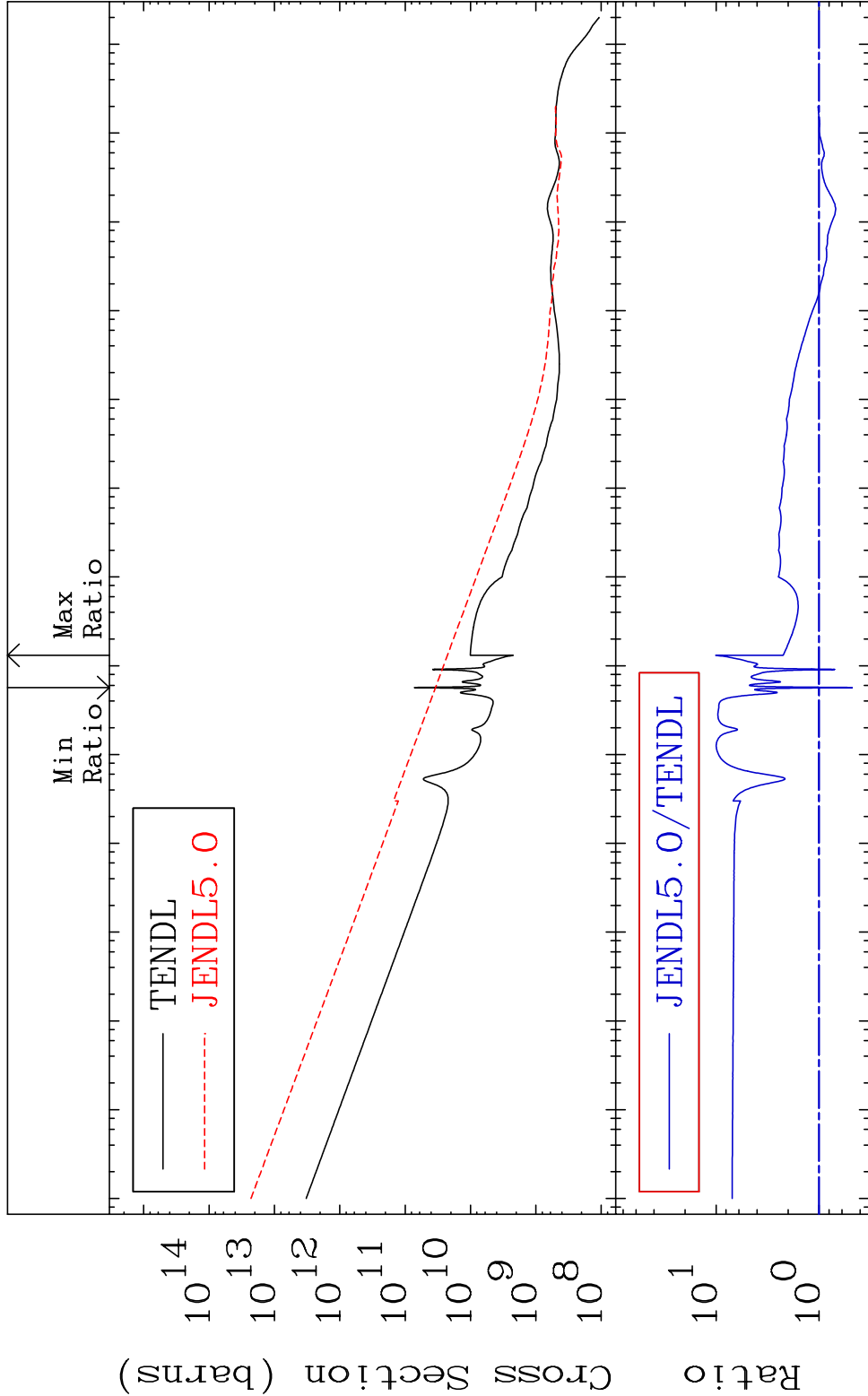
38 Incident Energy (eV) 94-Pu-237

MAT 9431 Total photon (eV-barns) 94-Pu-237
Cross Section 83.74 To 9999. %

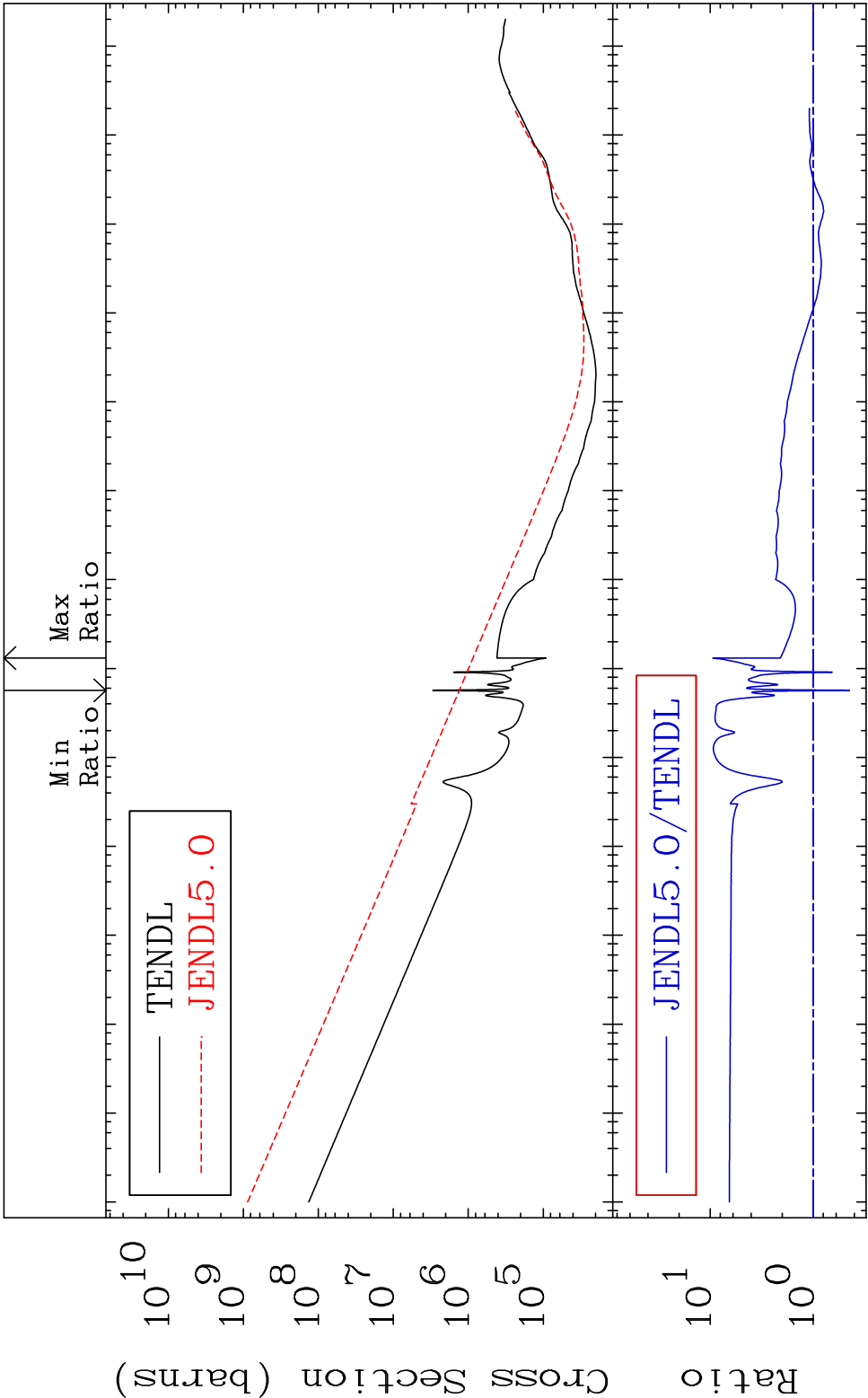


MAT 9431 Total kinematic kerma (high limit) 94-Pu-237

Cross Section -52.27 To 910.1 %

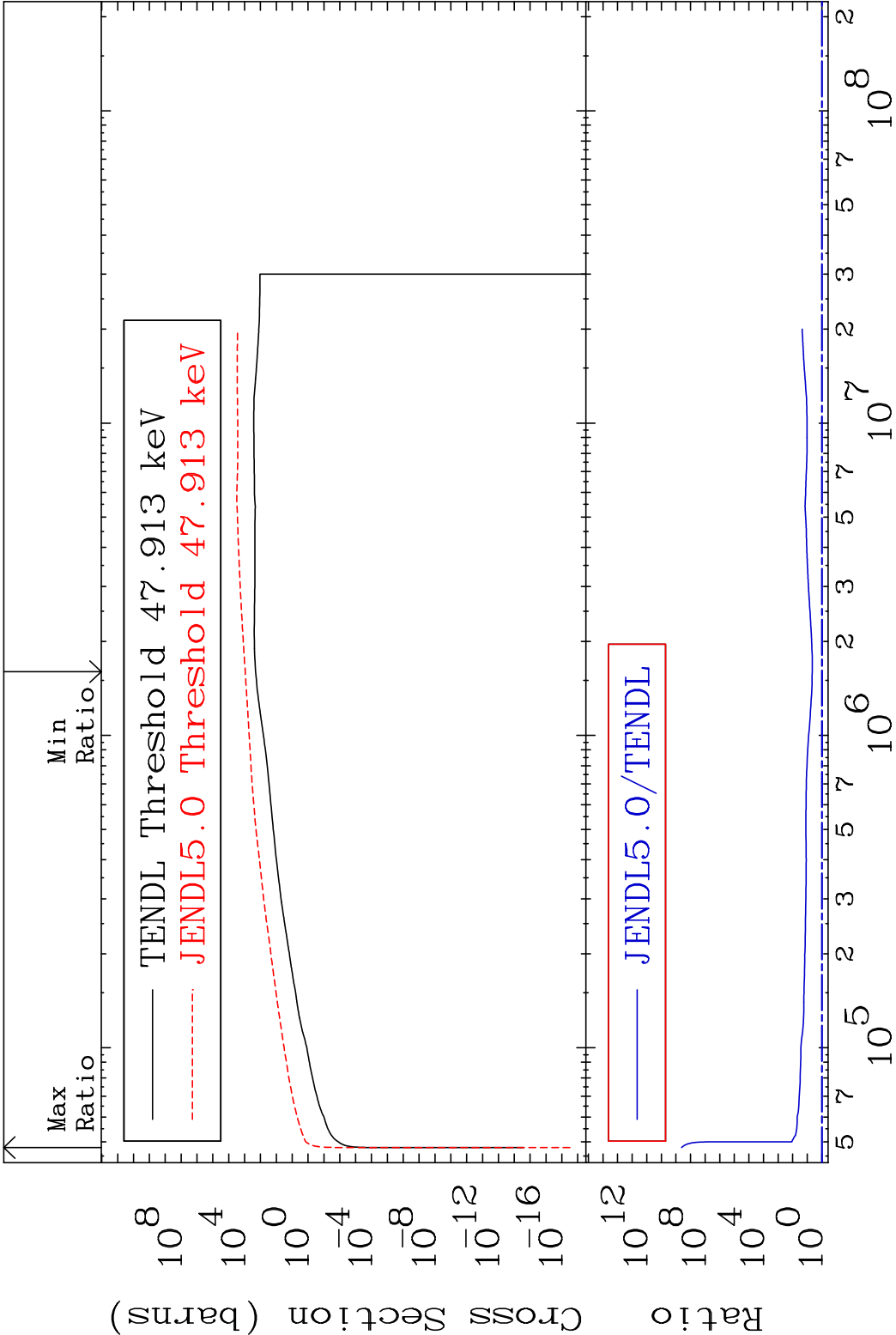


MAT 9431 Dpa total (eV-barns) 94-Pu-237
Cross Section -55.46 To 842.6 %

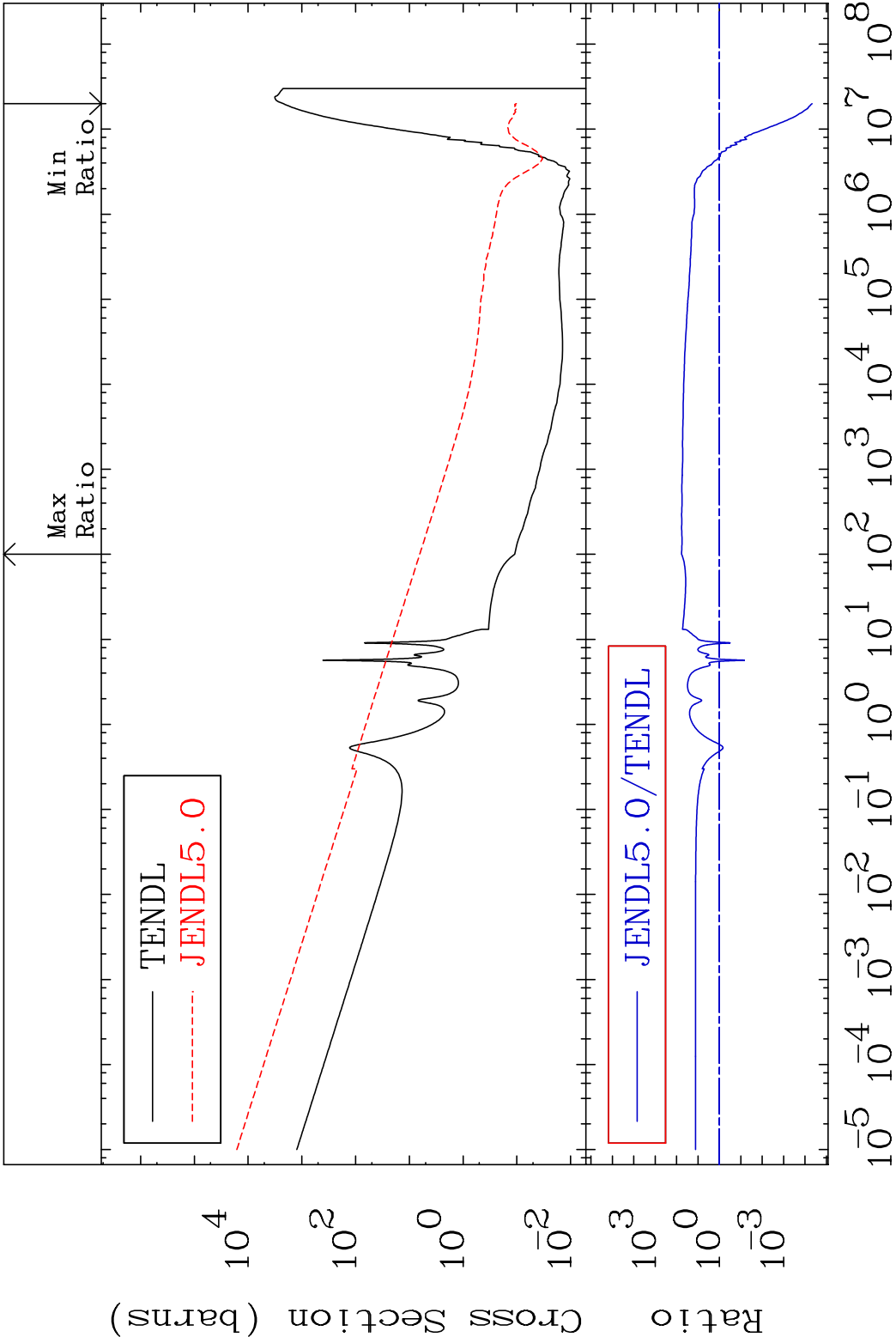


10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

41 Incident Energy (eV) 94-Pu-237

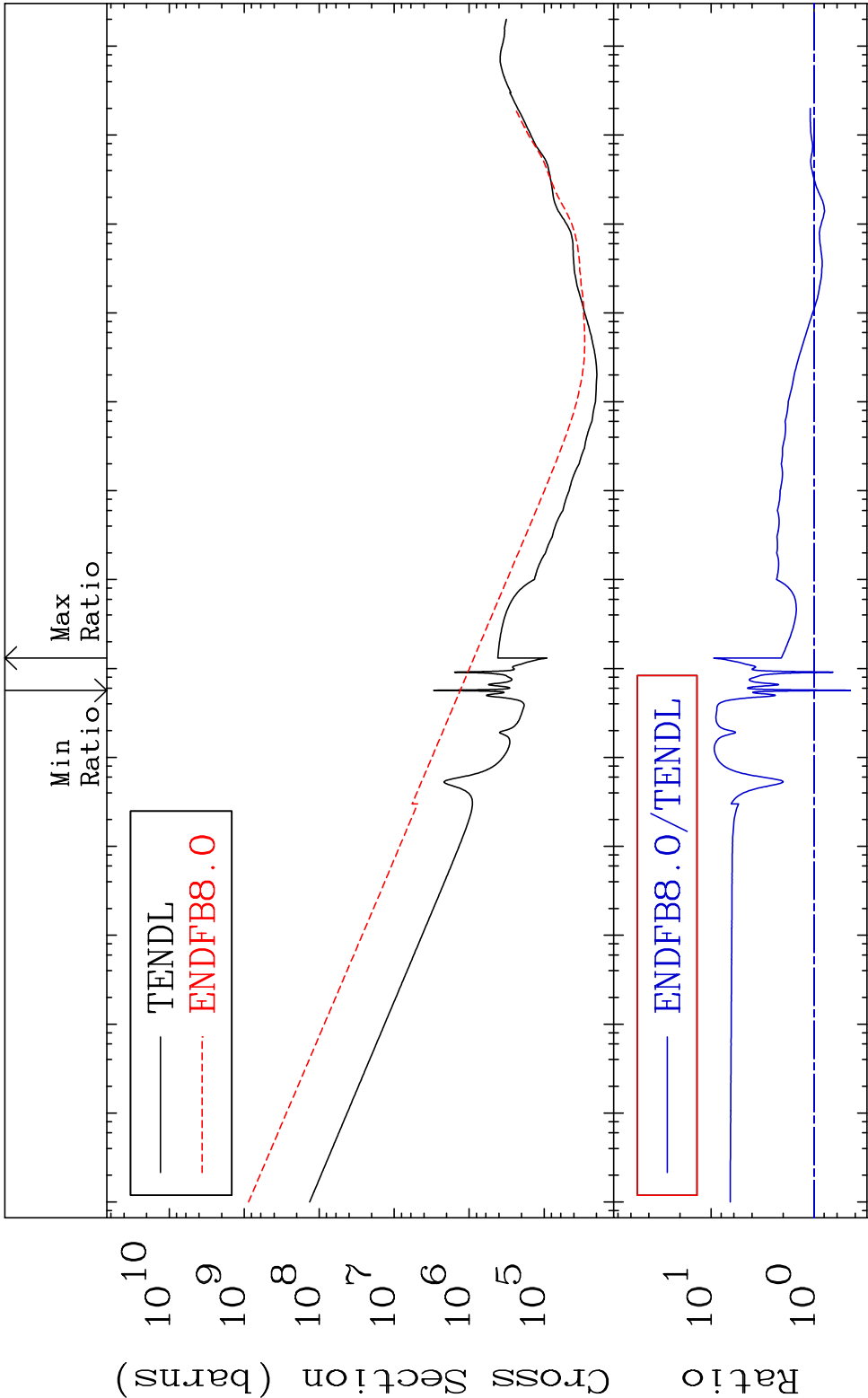


MAT 9431 Dpa disappearance (mt102 -120) 94-Pu-237
Cross Section -100.0 To 5776. %



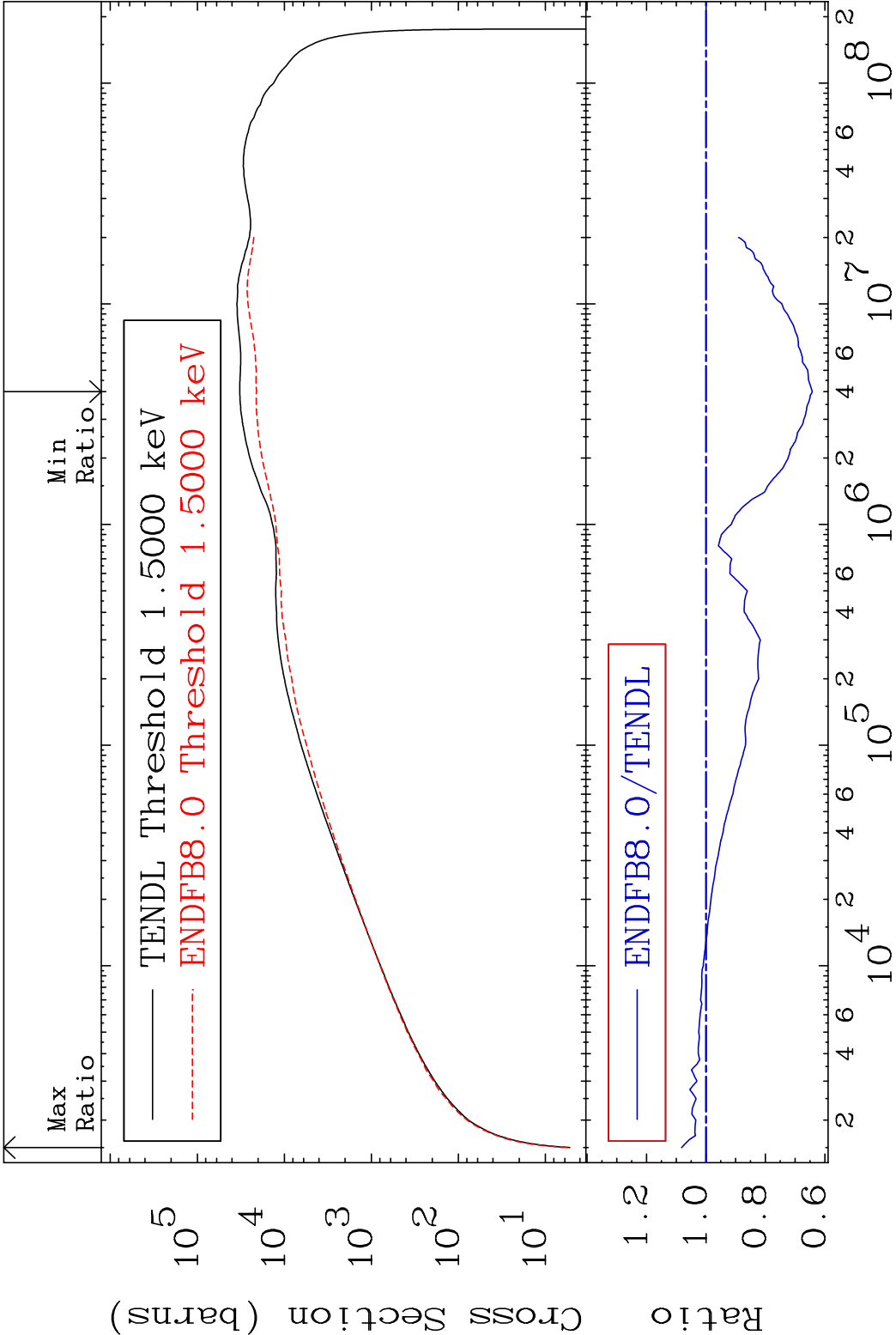
44 Incident Energy (eV) 94-Pu-237

MAT 9431 Dpa total (eV-barns) 94-Pu-237
Cross Section -55.46 To 842.6 %

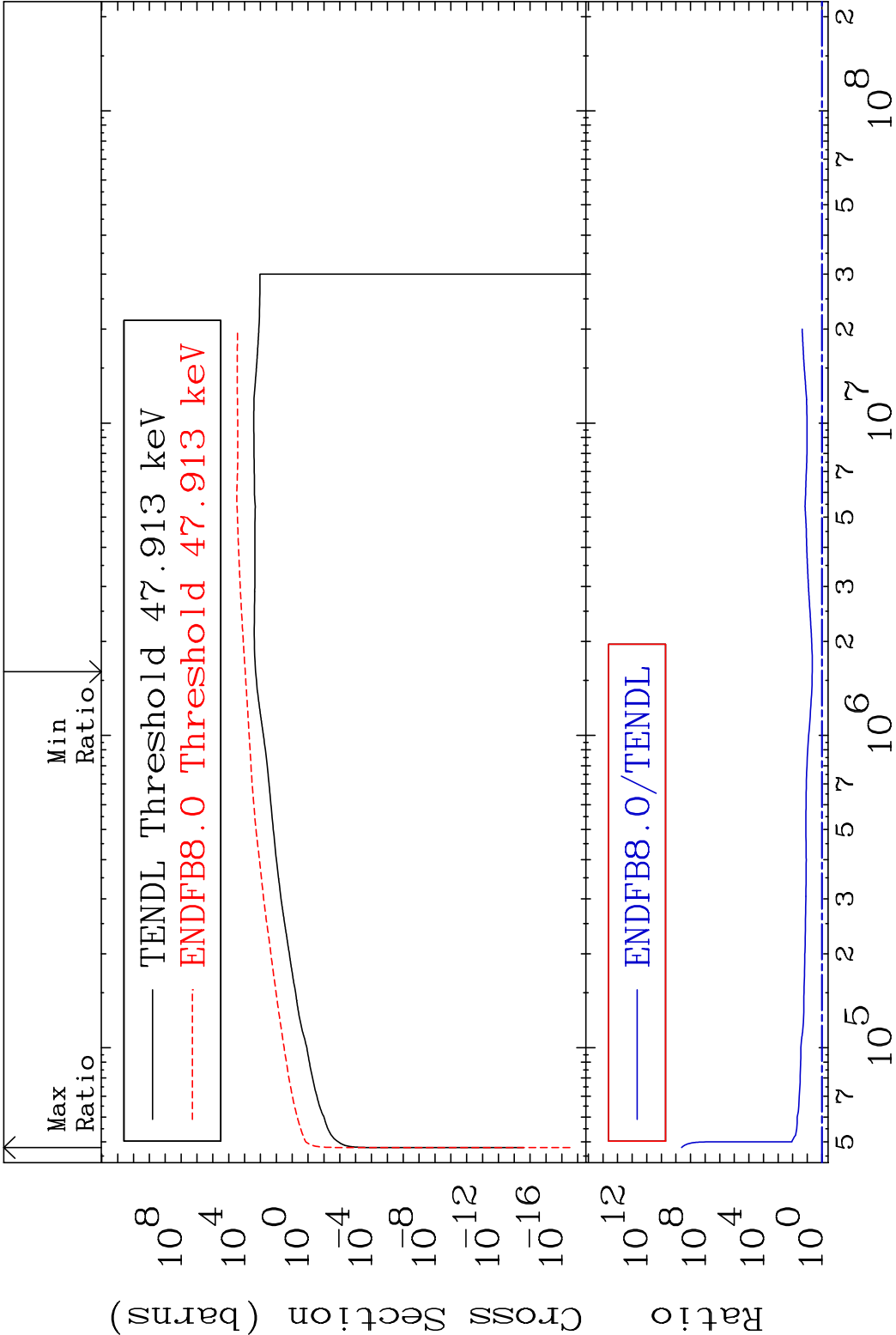


10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

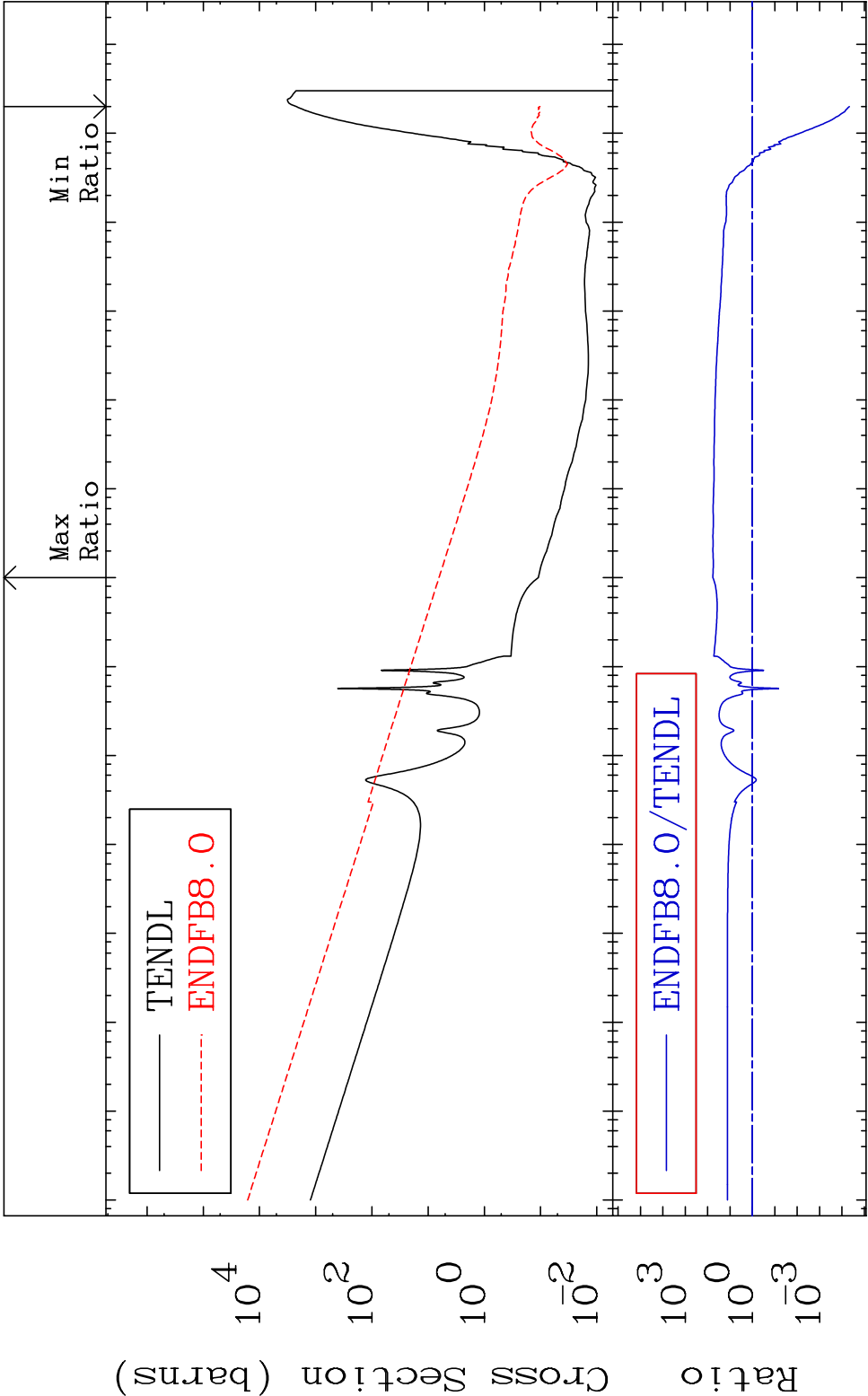
45 Incident Energy (eV) 94-Pu-237



MAT 9431 Dpa inelastic (mt51-91) 94-Pu-237
Cross Section 354.7 To 9999. %



MAT 9431 Dpa disappearance (mt102 -120) 94-Pu-237
Cross Section -100.0 To 5776. %



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

48 Incident Energy (eV) 94-Pu-237