

Program Complot
(Version 2021-1)

by

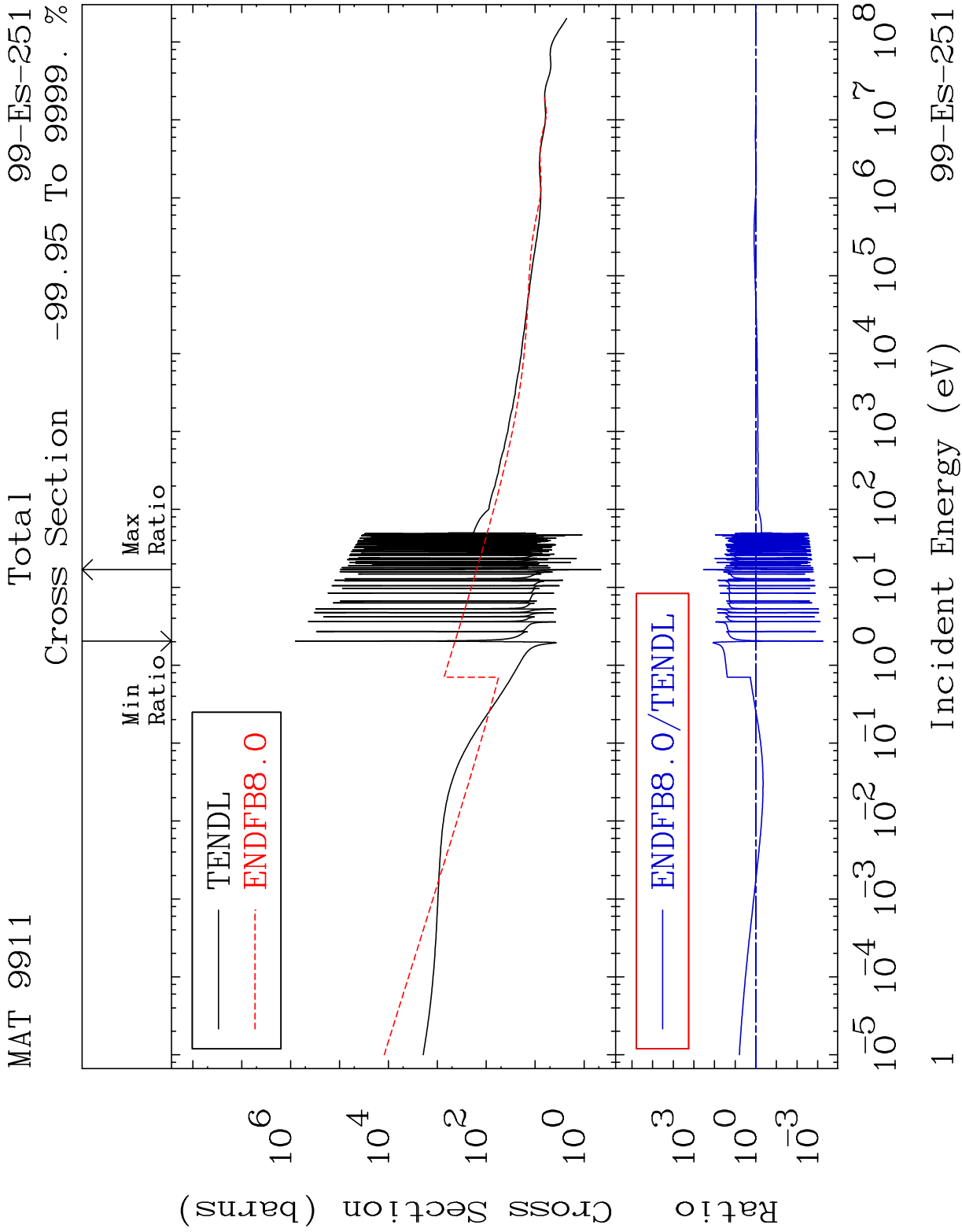
Dermott E. Cullen
(Present Contact Information)

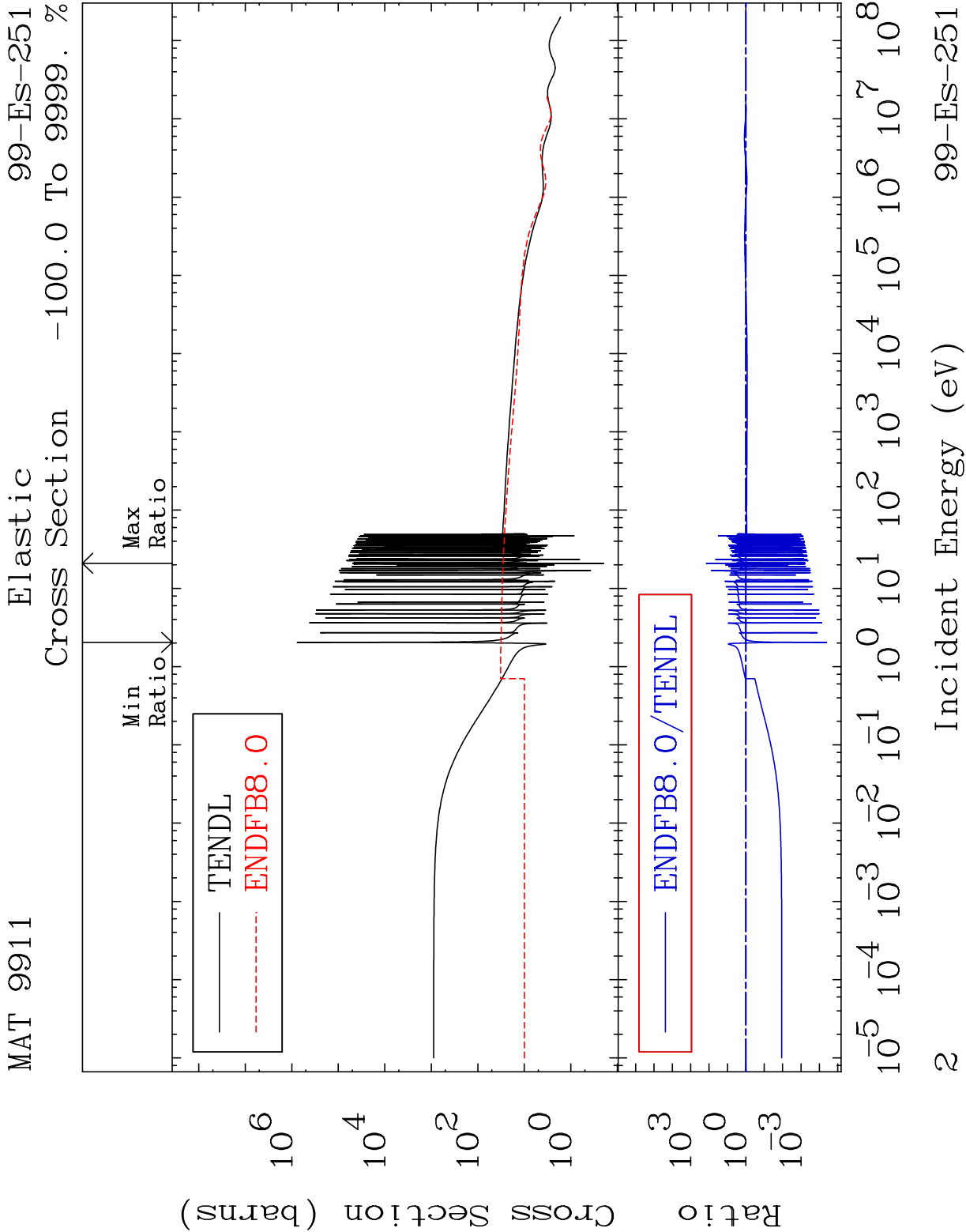
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
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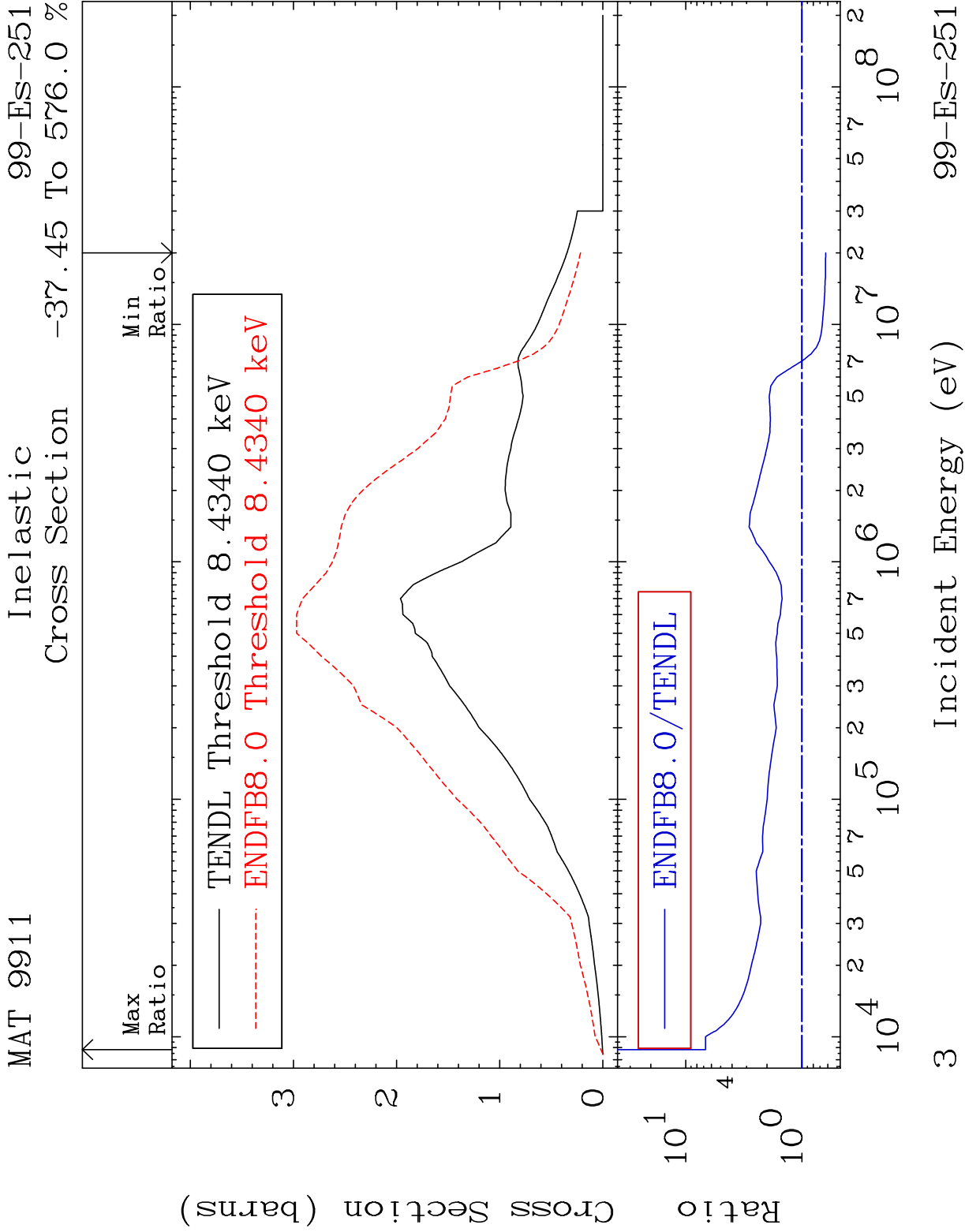
Tele: 925-443-1911

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Press Mouse Button to Start





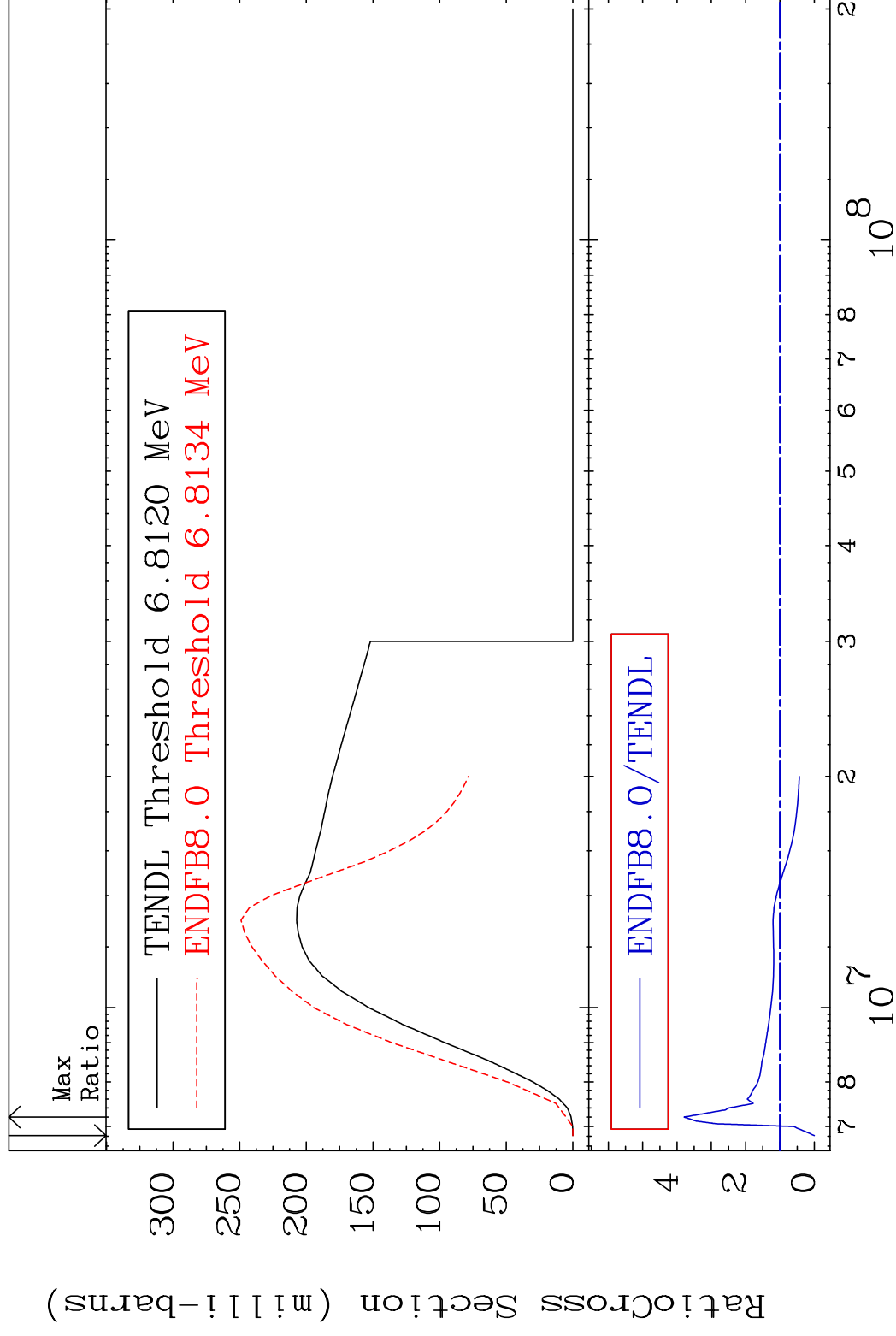


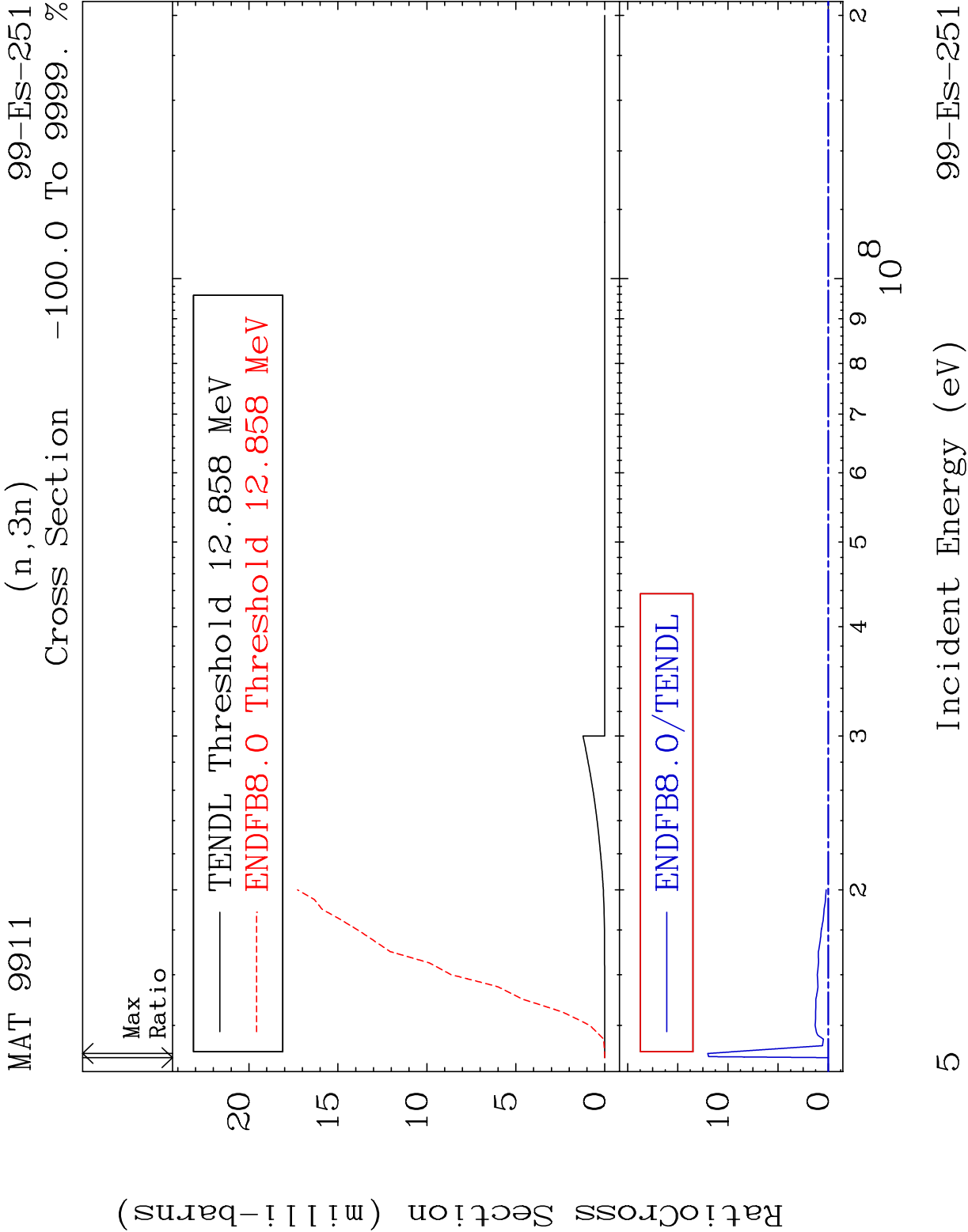
MAT 9911

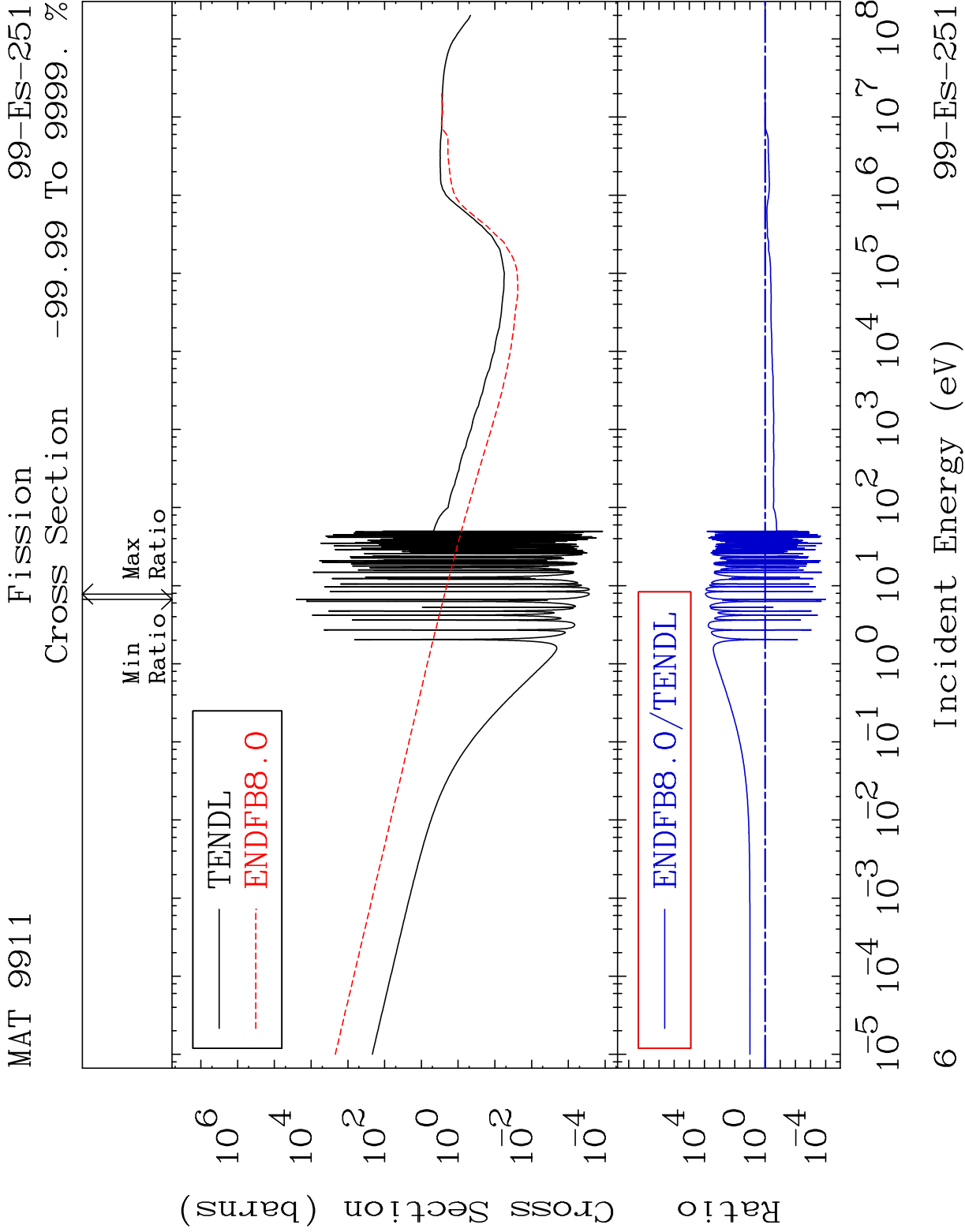
$$(n, 2n)$$

99-ES-251

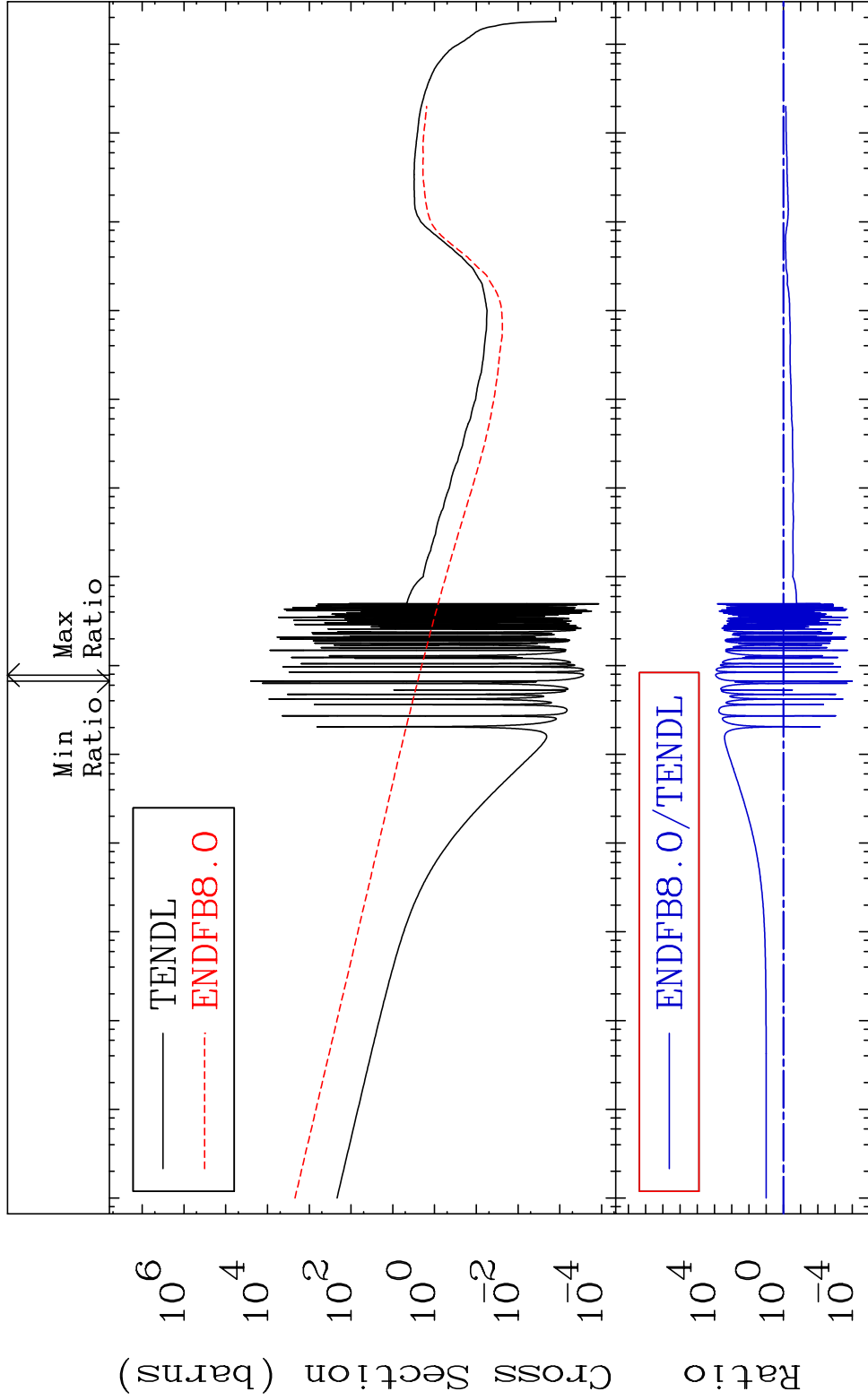
Cross Section -100.0 To 279.5 %



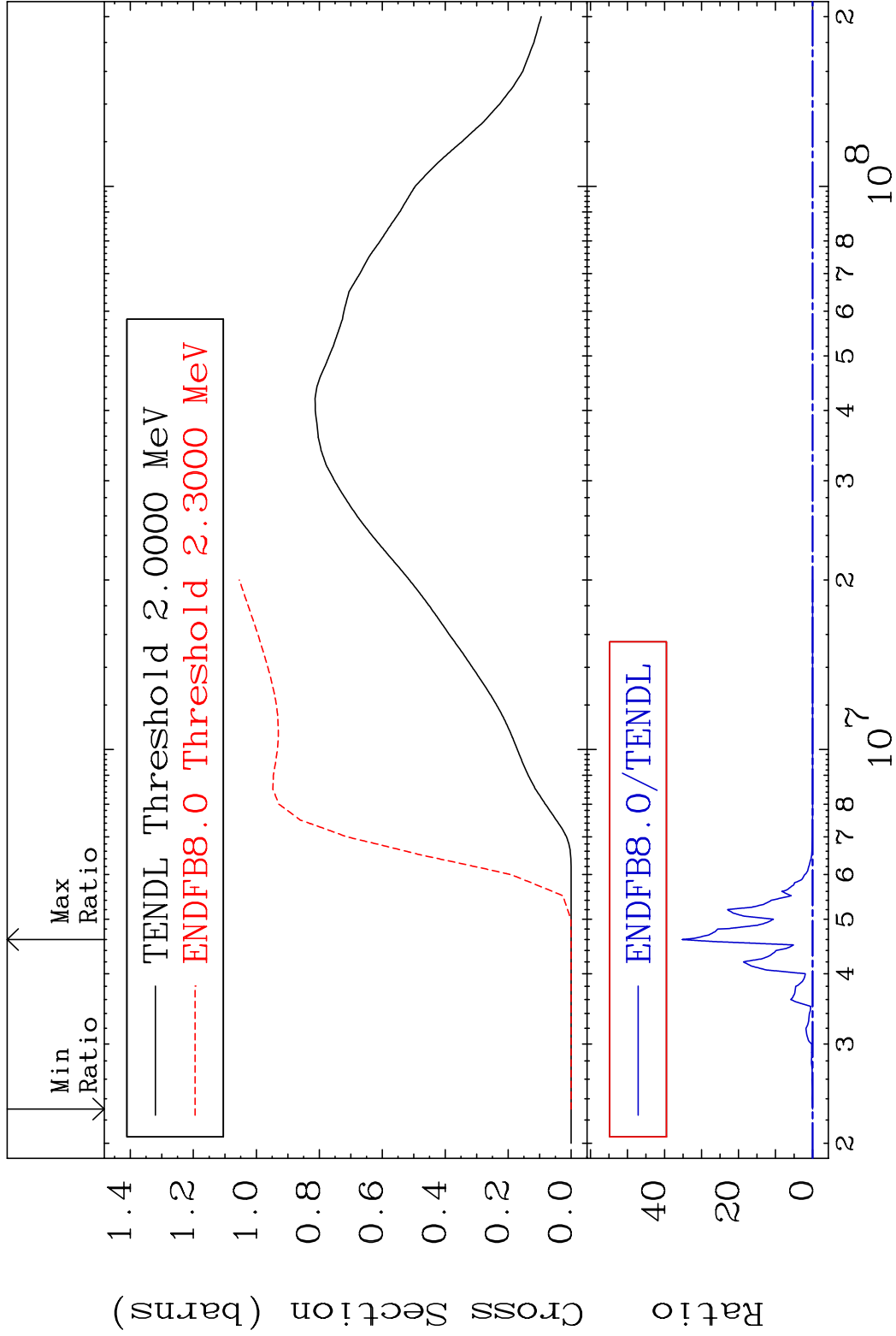




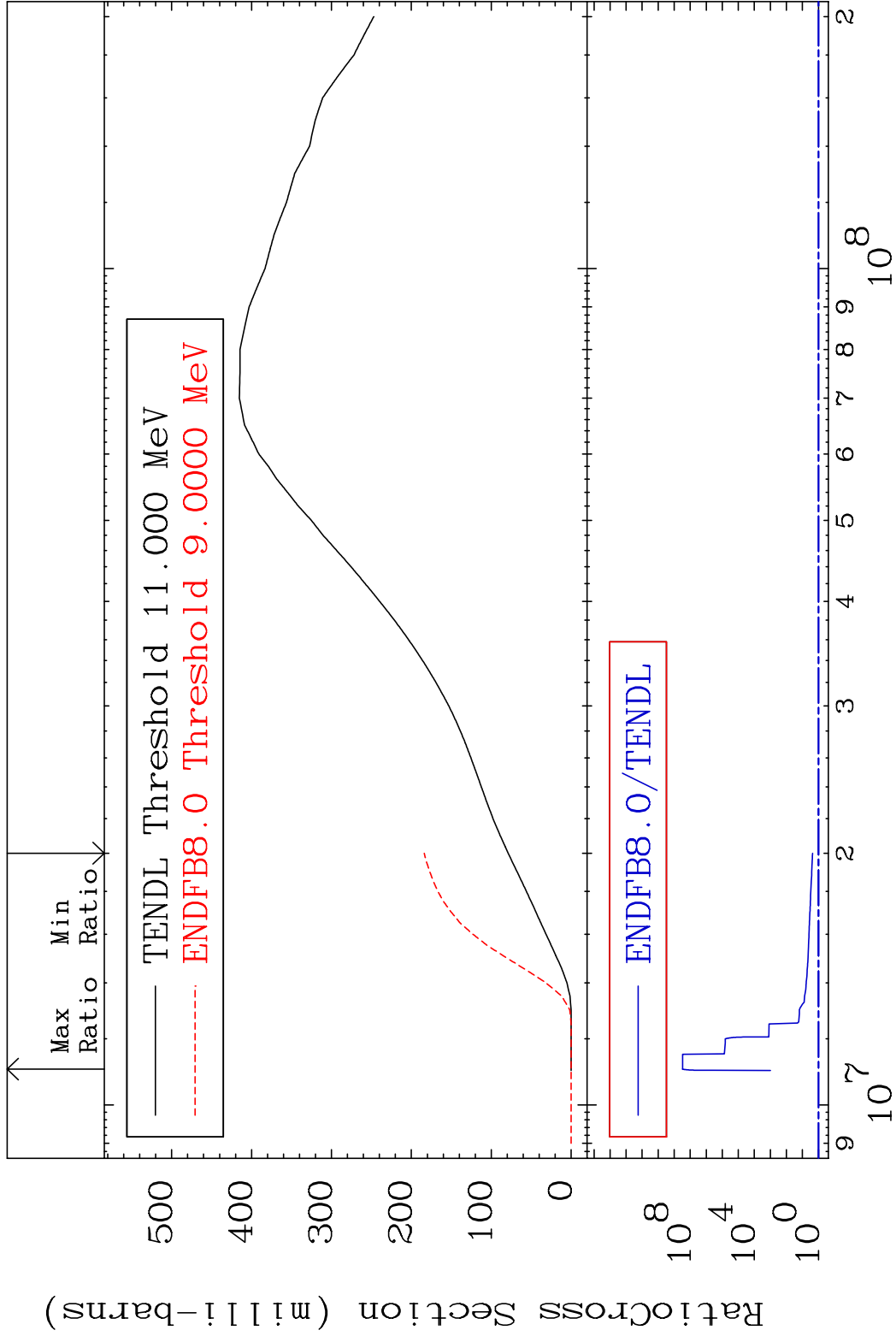
MAT 9911 (n,f) First Chance 99-Es-251
Cross Section -99.99 To 9999. %



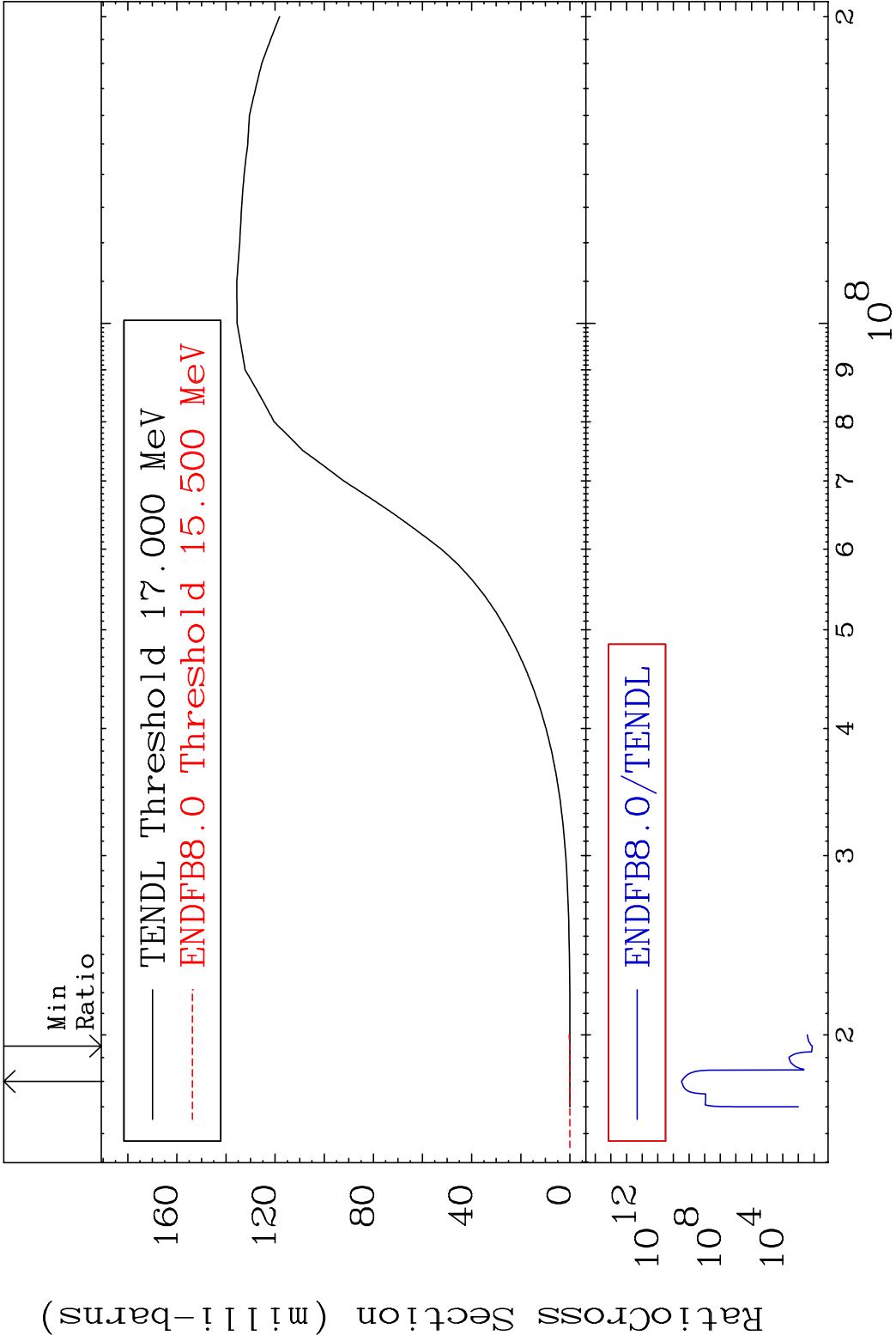
7 Incident Energy (eV) 99-Es-251



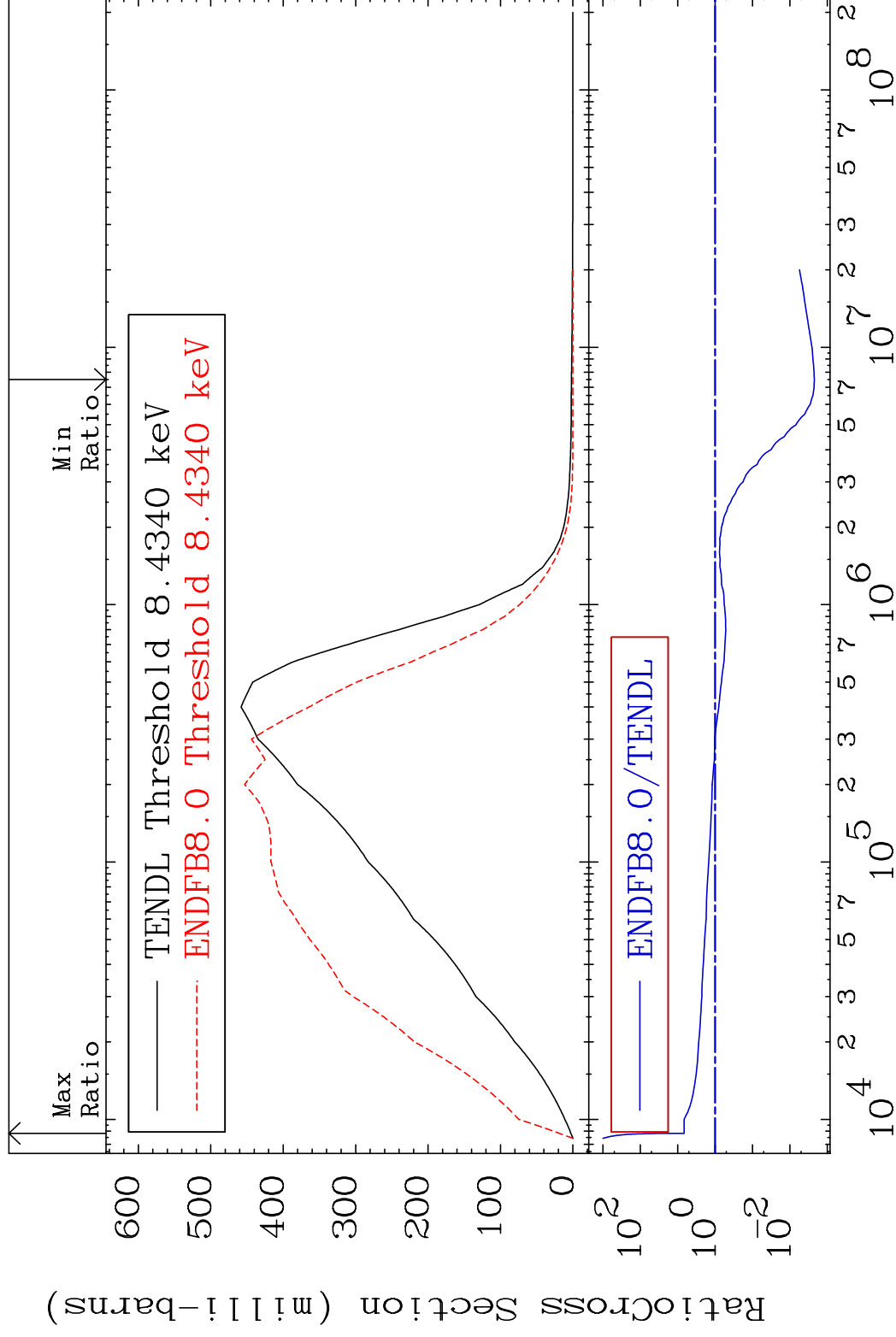
MAT 9911 (n,2nf) Third Chance 99-Es-251
Cross Section 133.1 To 9999. %



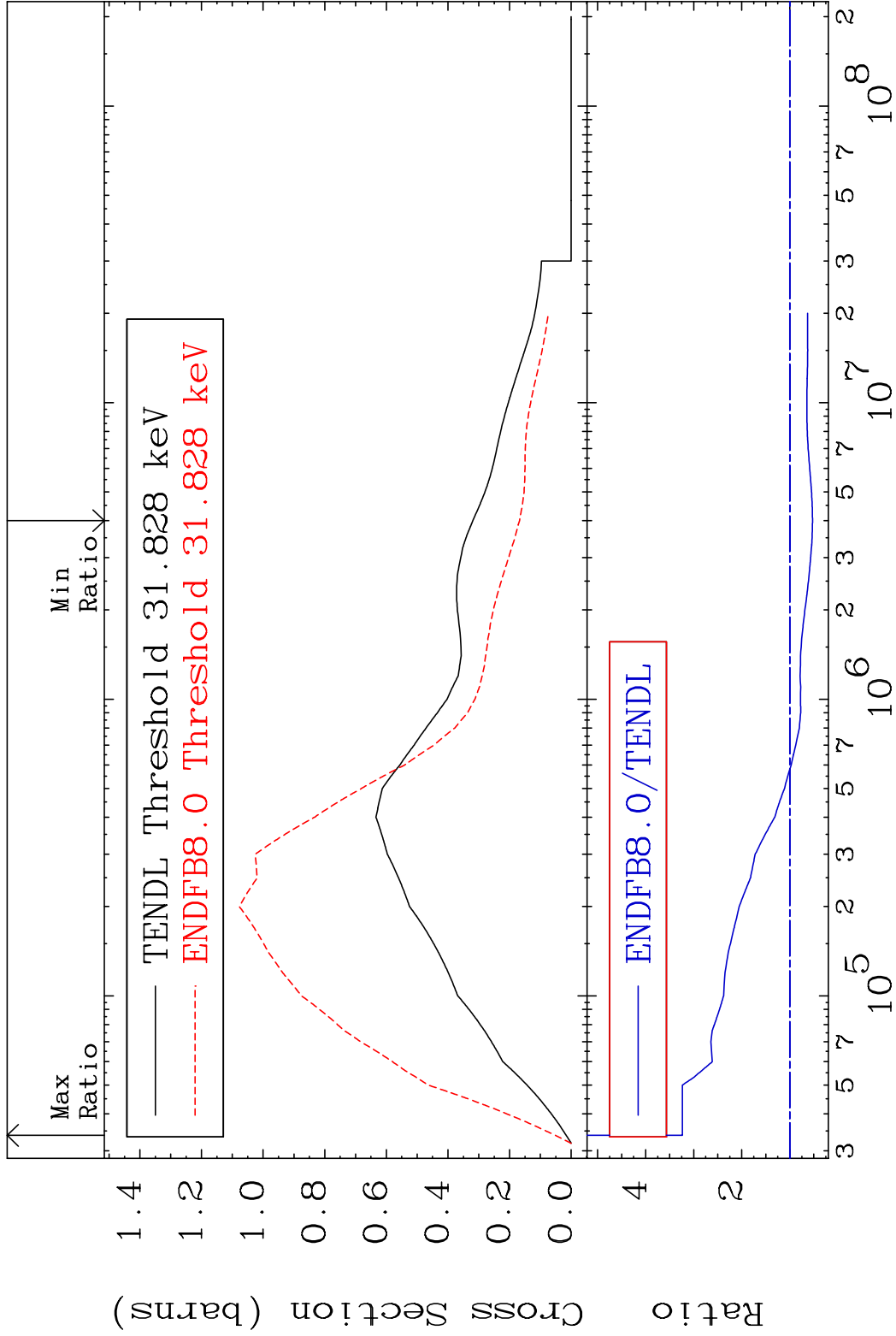
9 9 99-Es-251



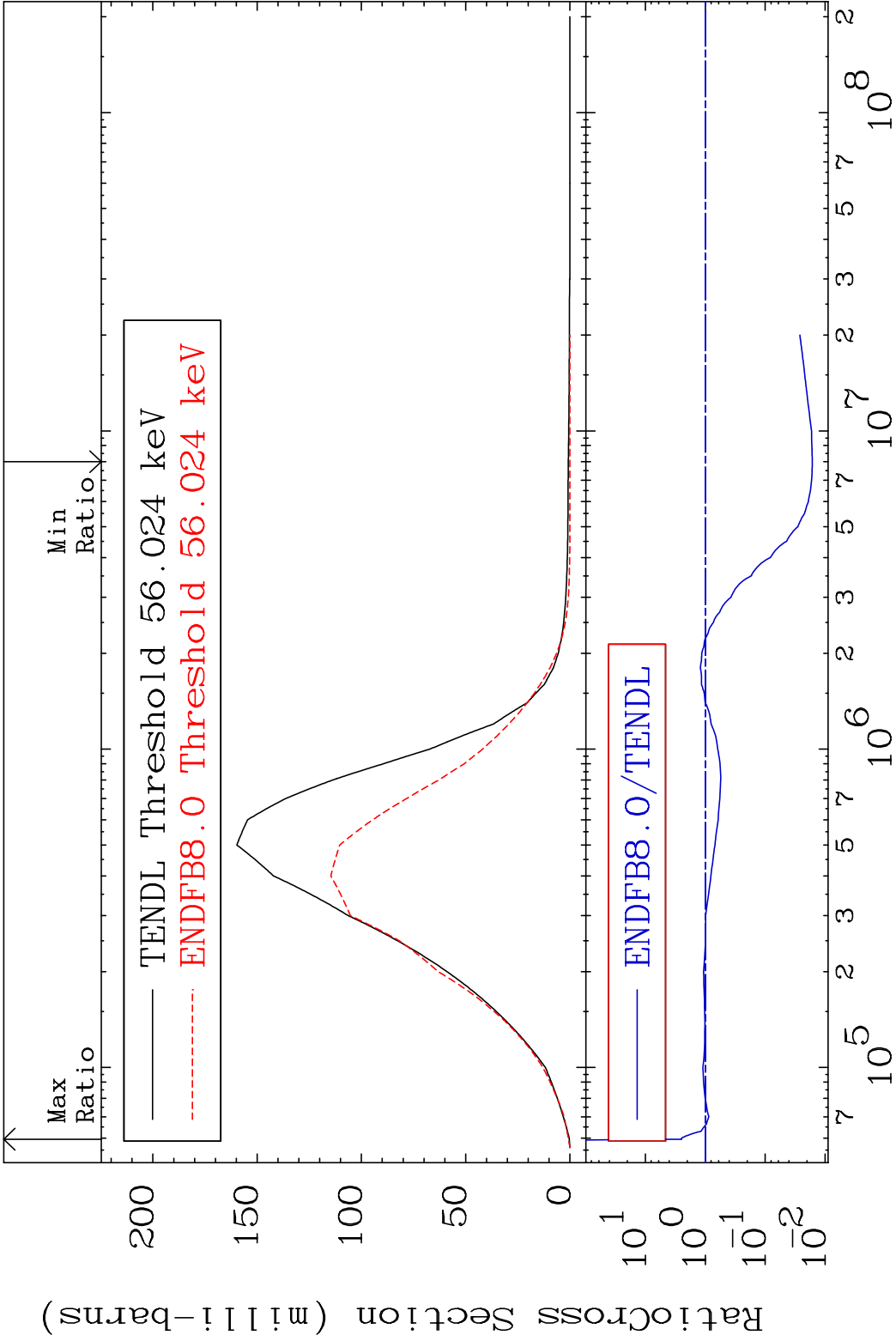
MAT 9911 MT= 51 (n, n') Level 99-Es-251
Cross Section -99.78 To 576.0 %



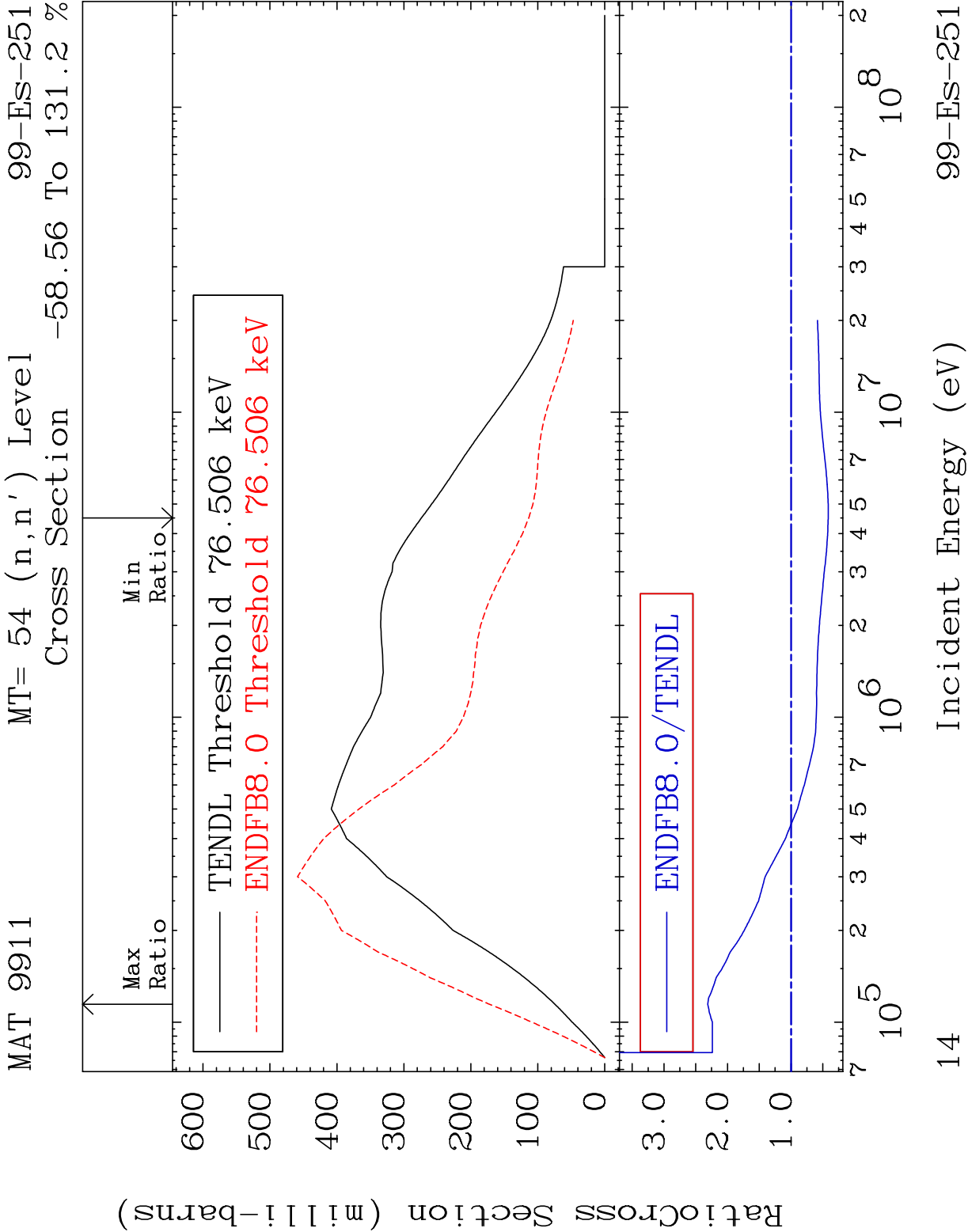
MAT 9911 MT= 52 (n,n') Level 99-Es-251
Cross Section -47.37 To 223.6 %



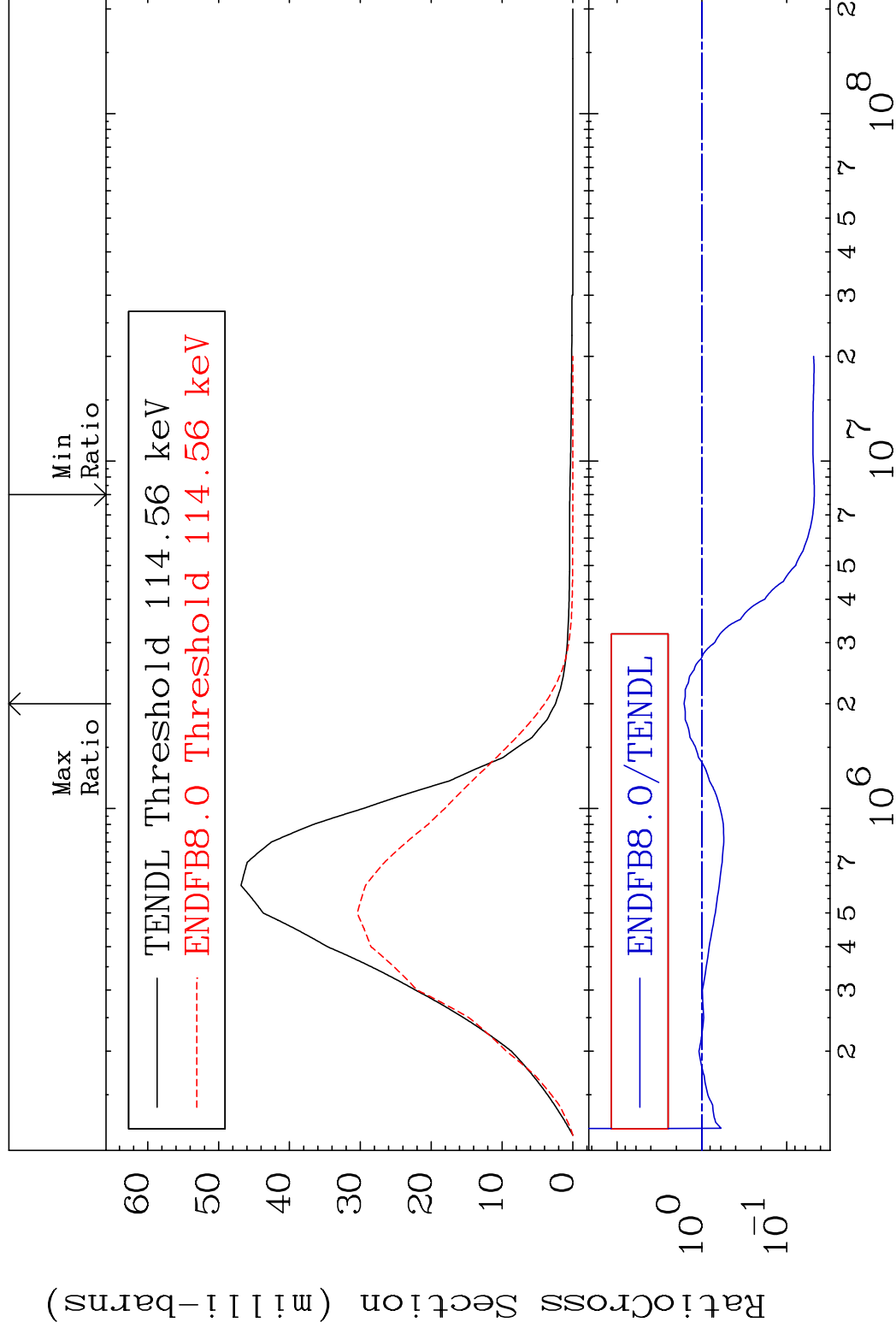
MAT 9911 MT= 53 (n,n') Level 99-Es-251
Cross Section -98.36 To 149.5 %



13 Incident Energy (eV) 99-Es-251



MAT 9911 MT= 55 (n, n') Level 99-Es-251
Cross Section -95.27 To 62.45 %

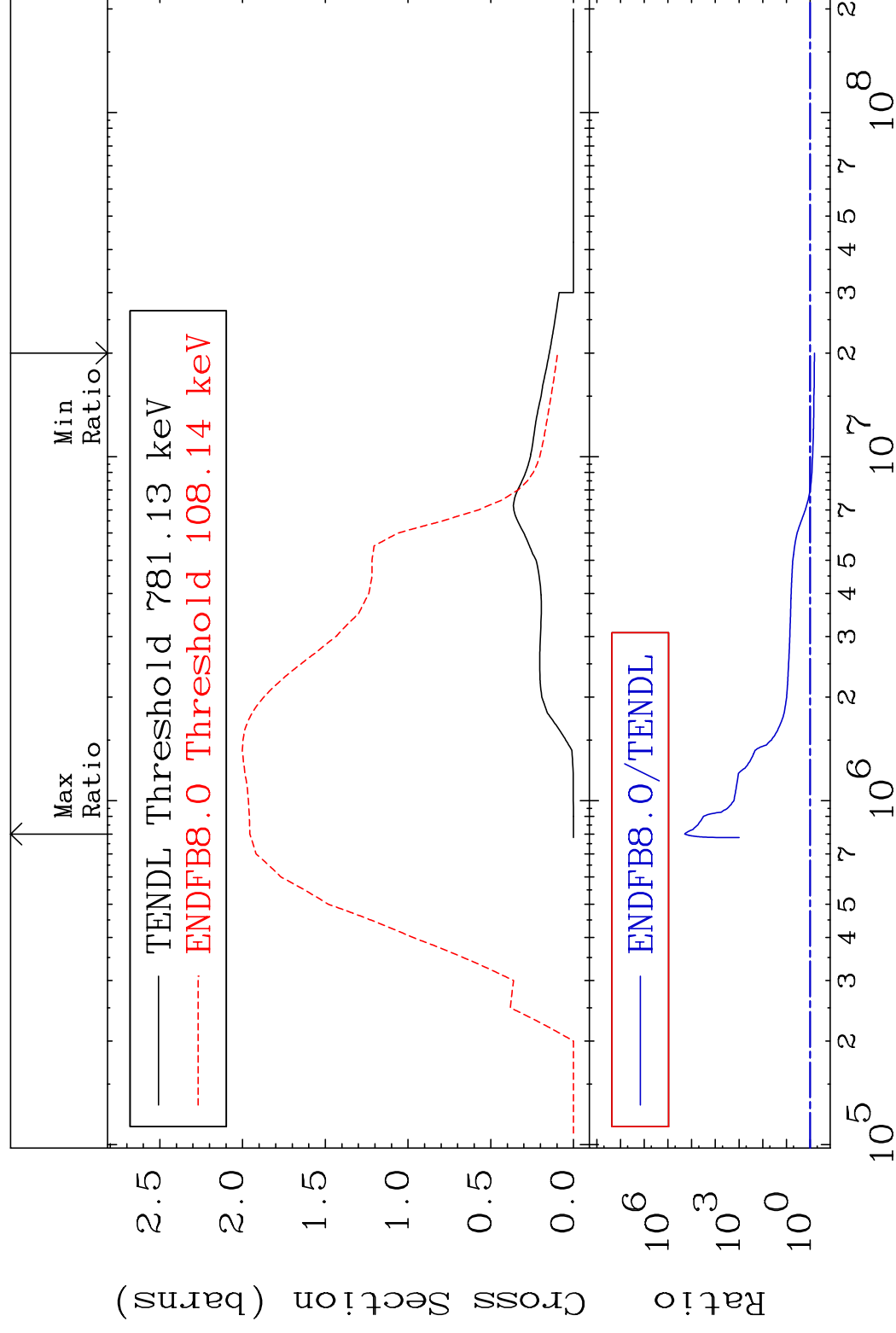


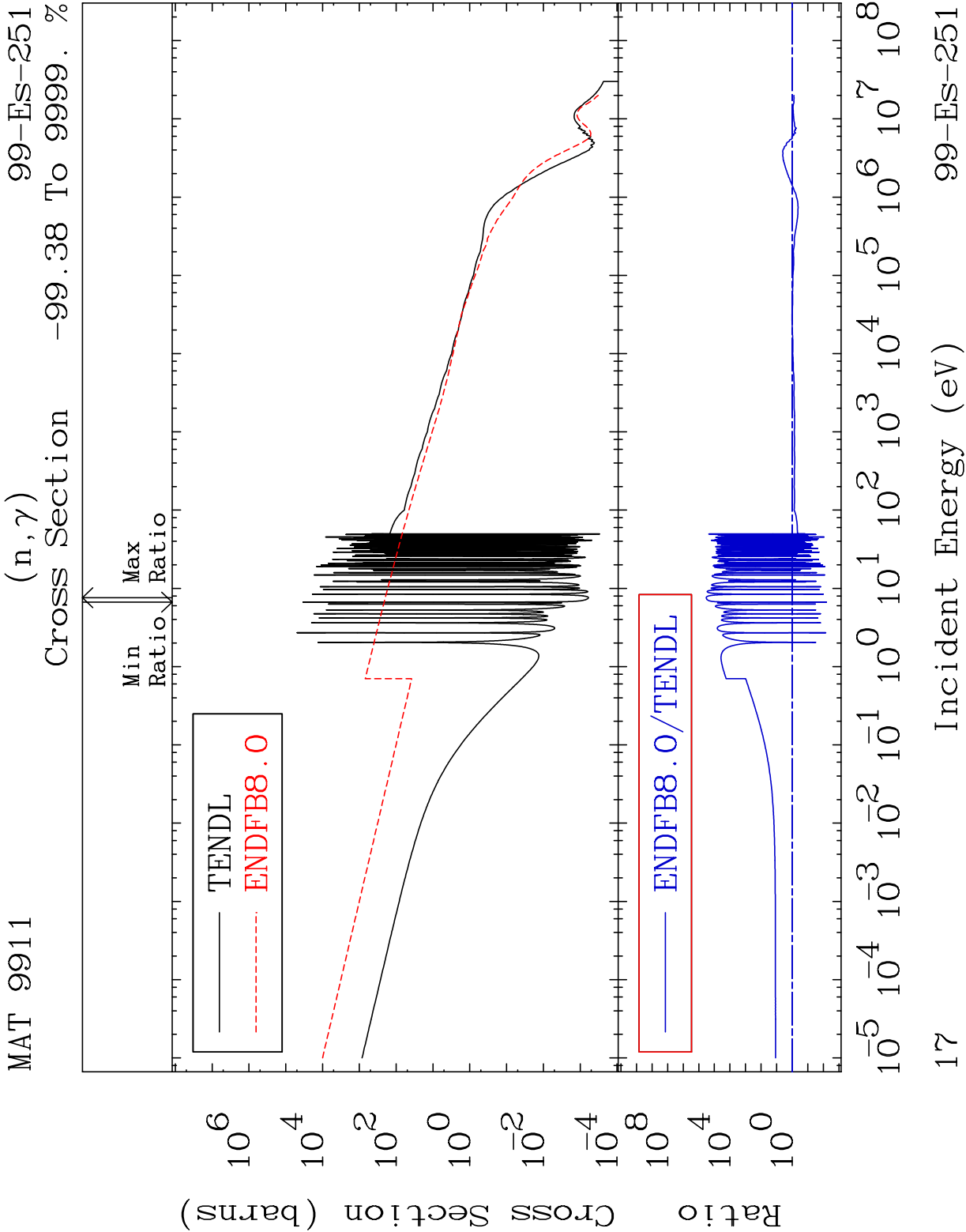
MAT 9911

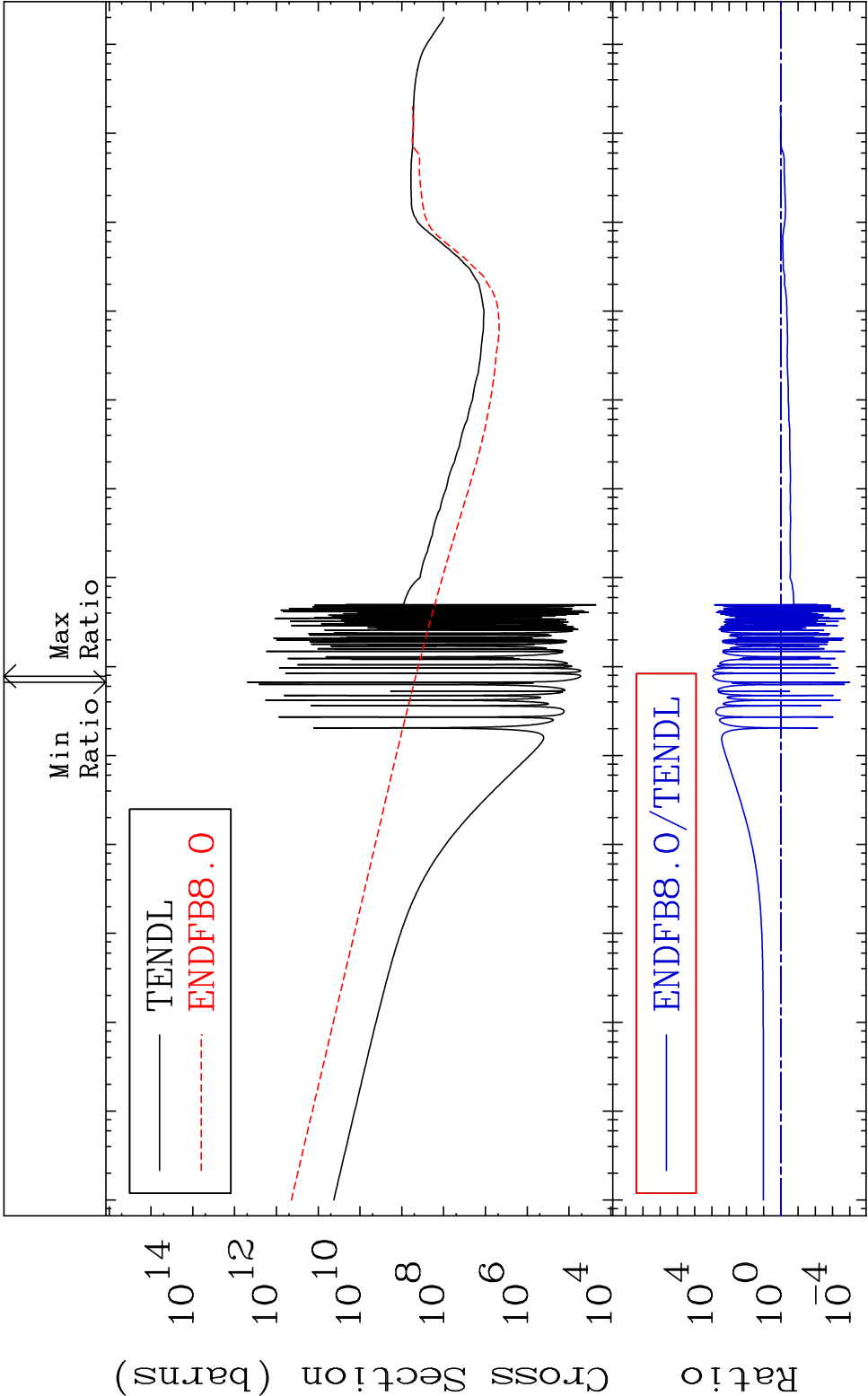
(n,n') Continuum

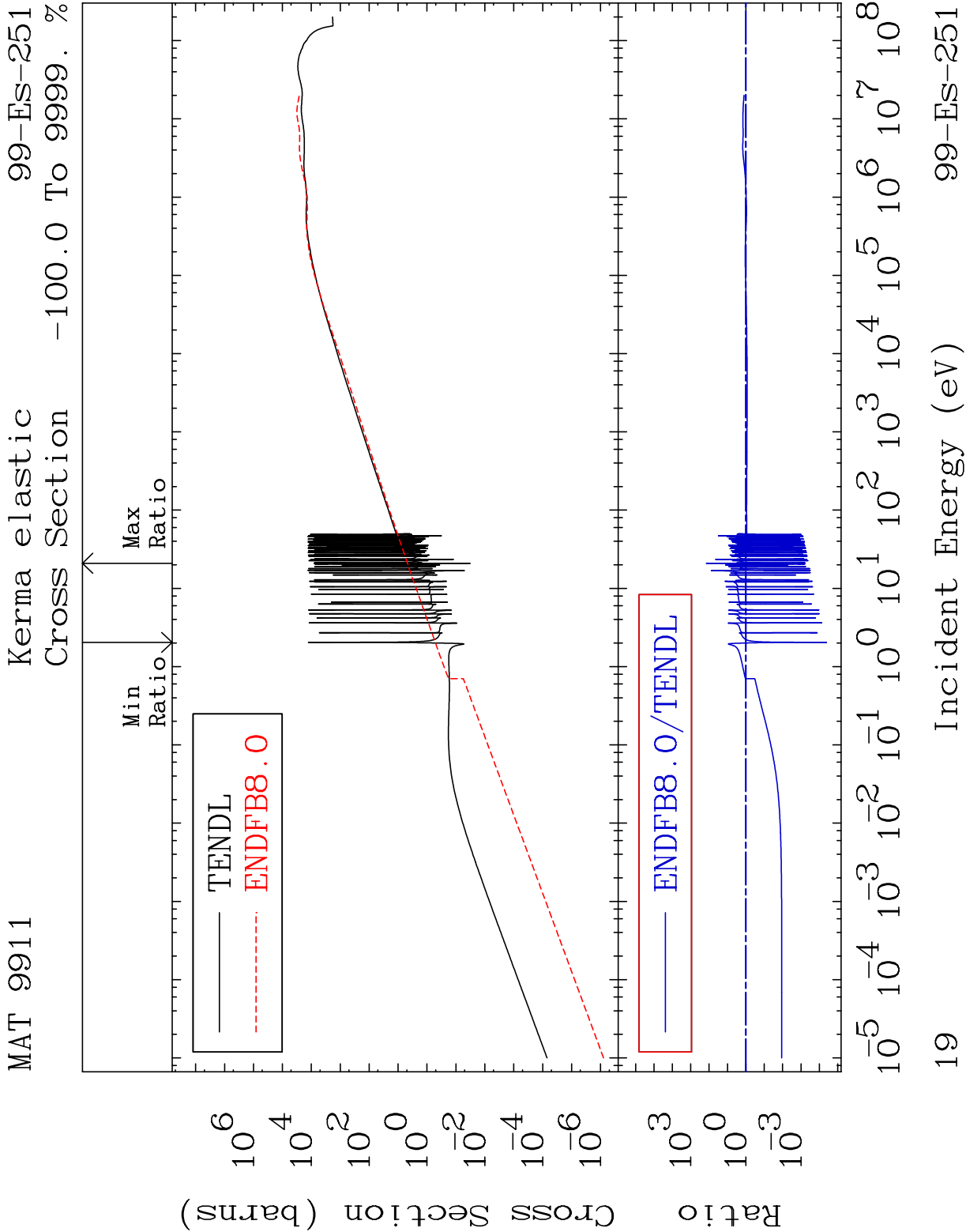
99-ES-251

Cross Section -34.23 To 9999. %

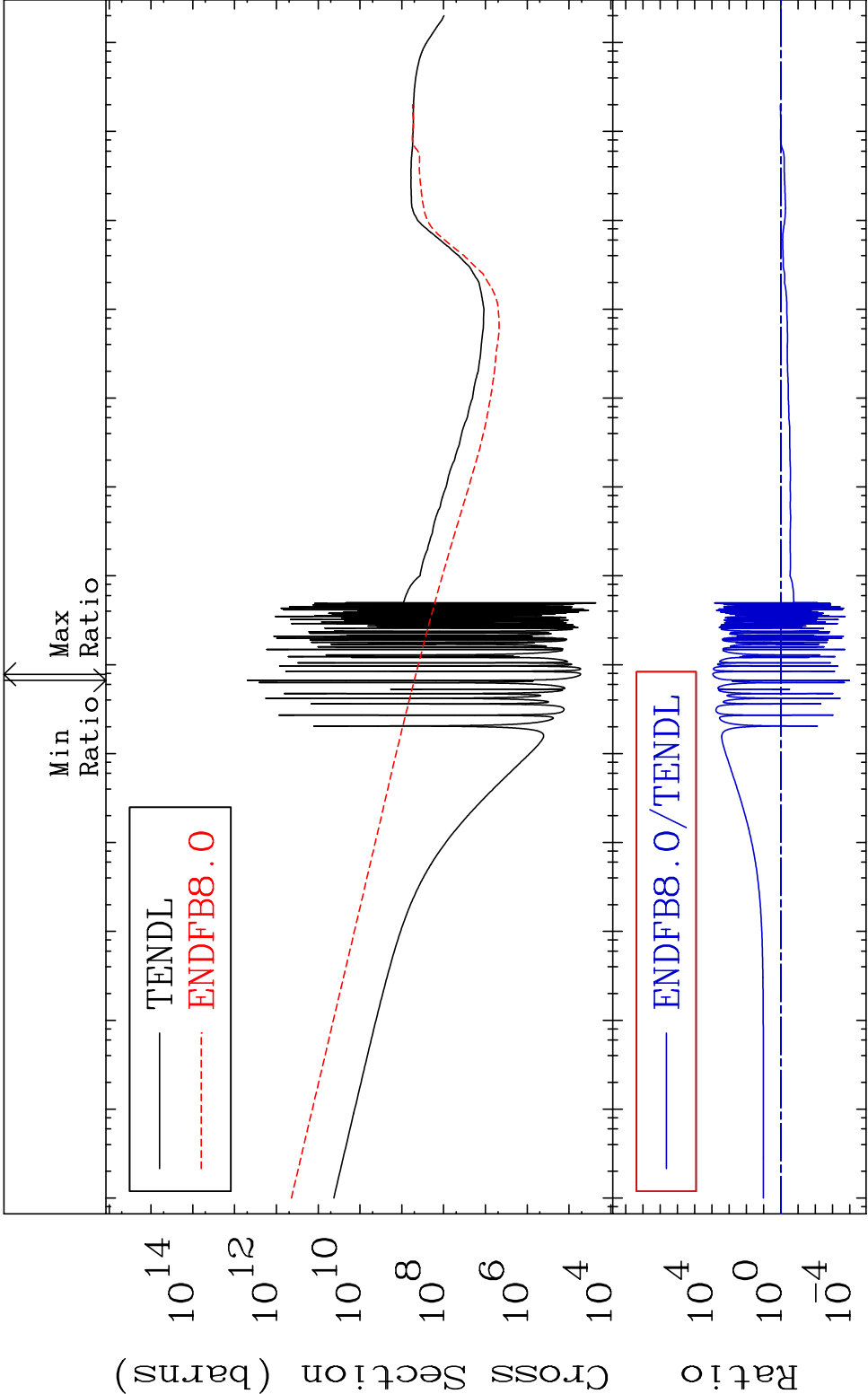


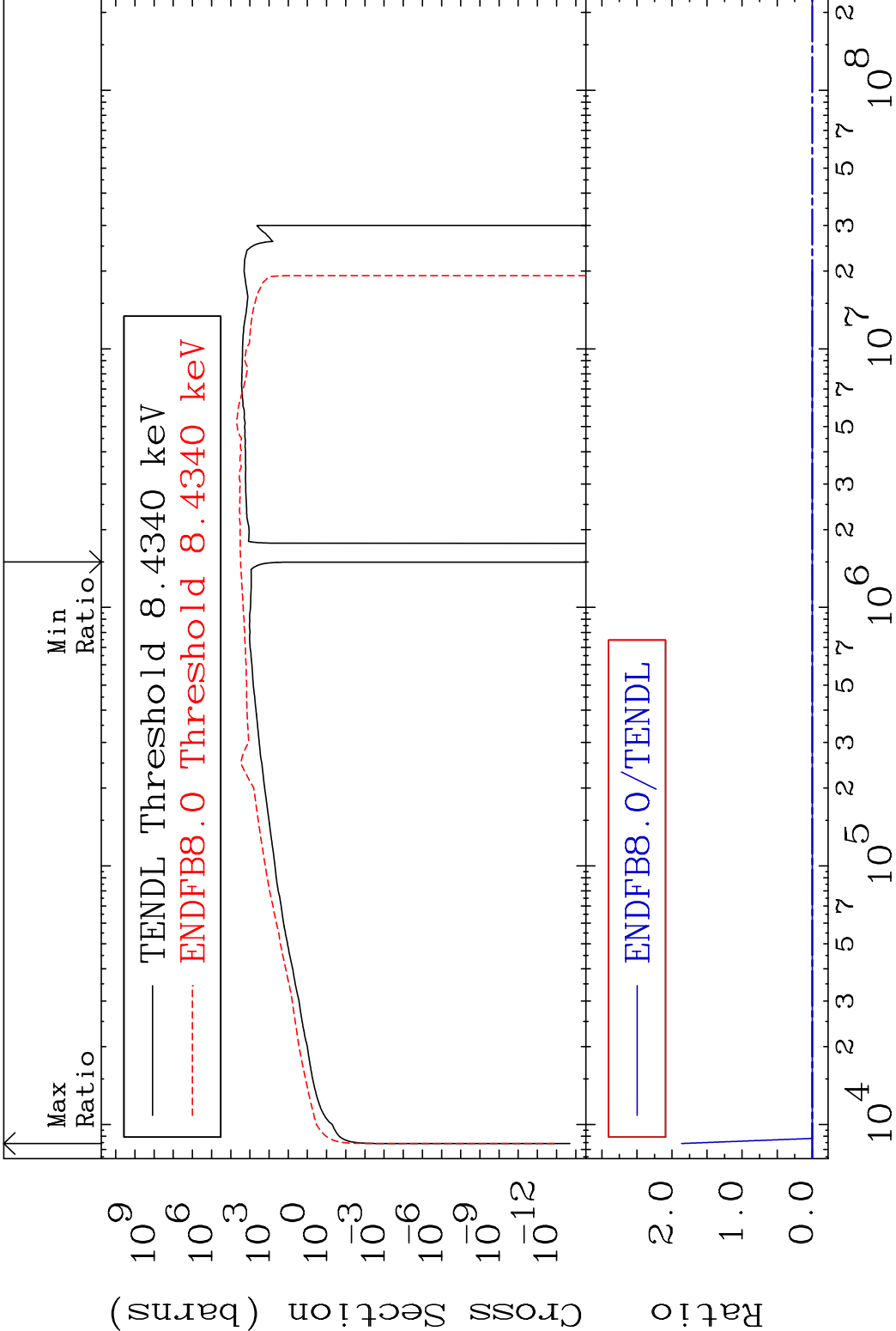




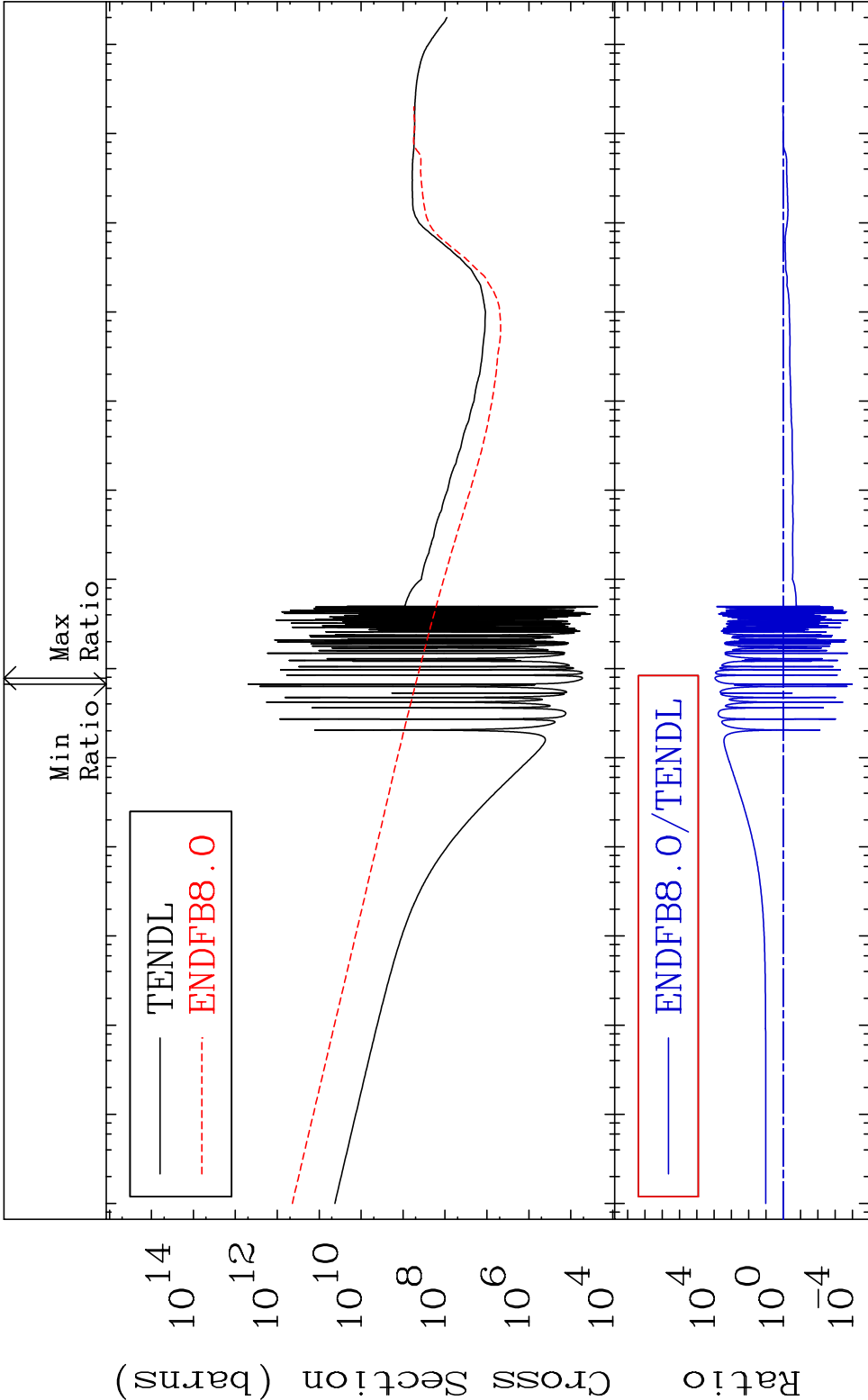


MAT 9911 Kerma non-elastic (all but mt2) 99-Es-251
Cross Section -99.99 To 9999. %

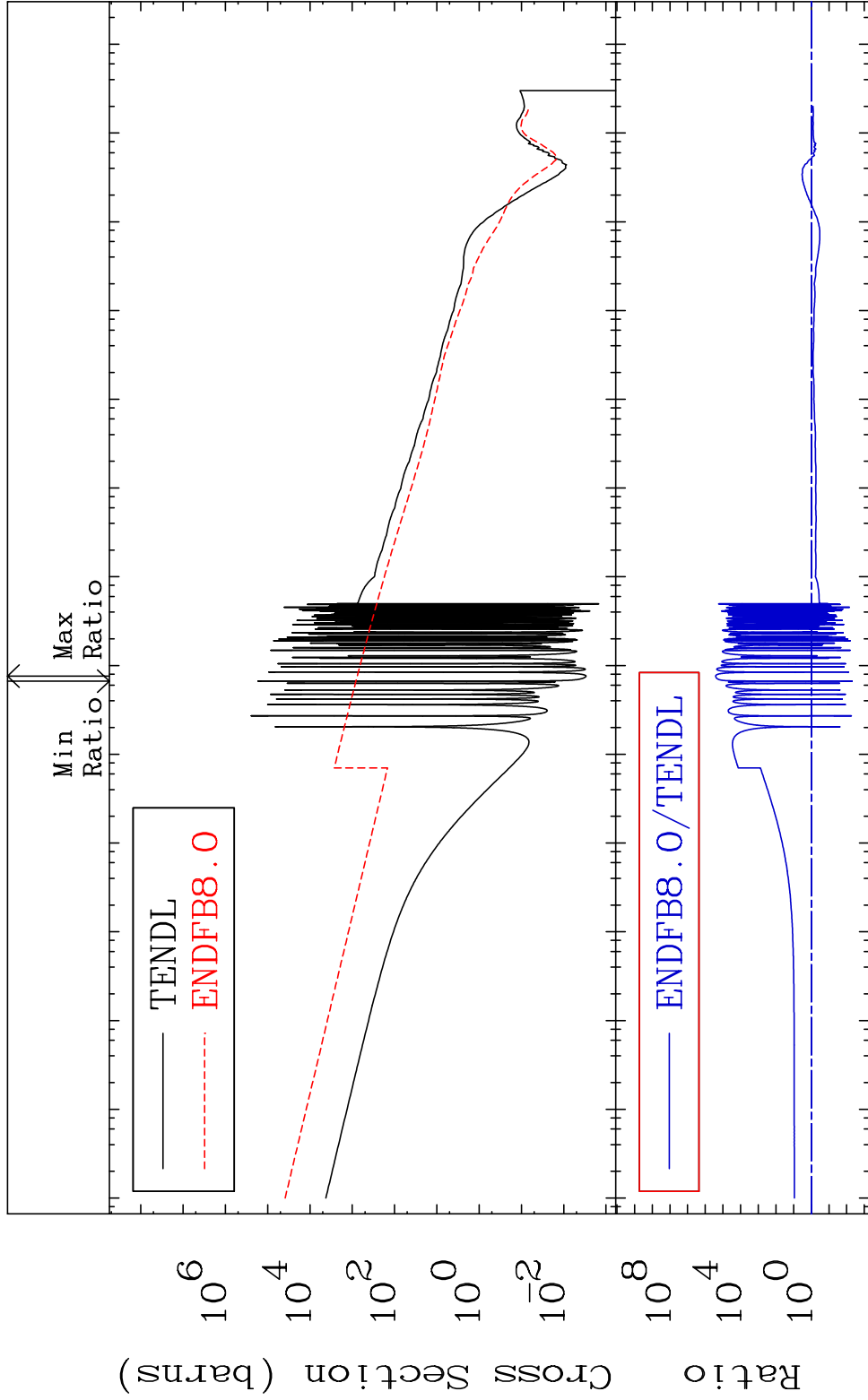




MAT 99111 Kerma fission (mt18 or mt19-20-21-38)99-Es-251
Cross Section -99.99 To 9999. %

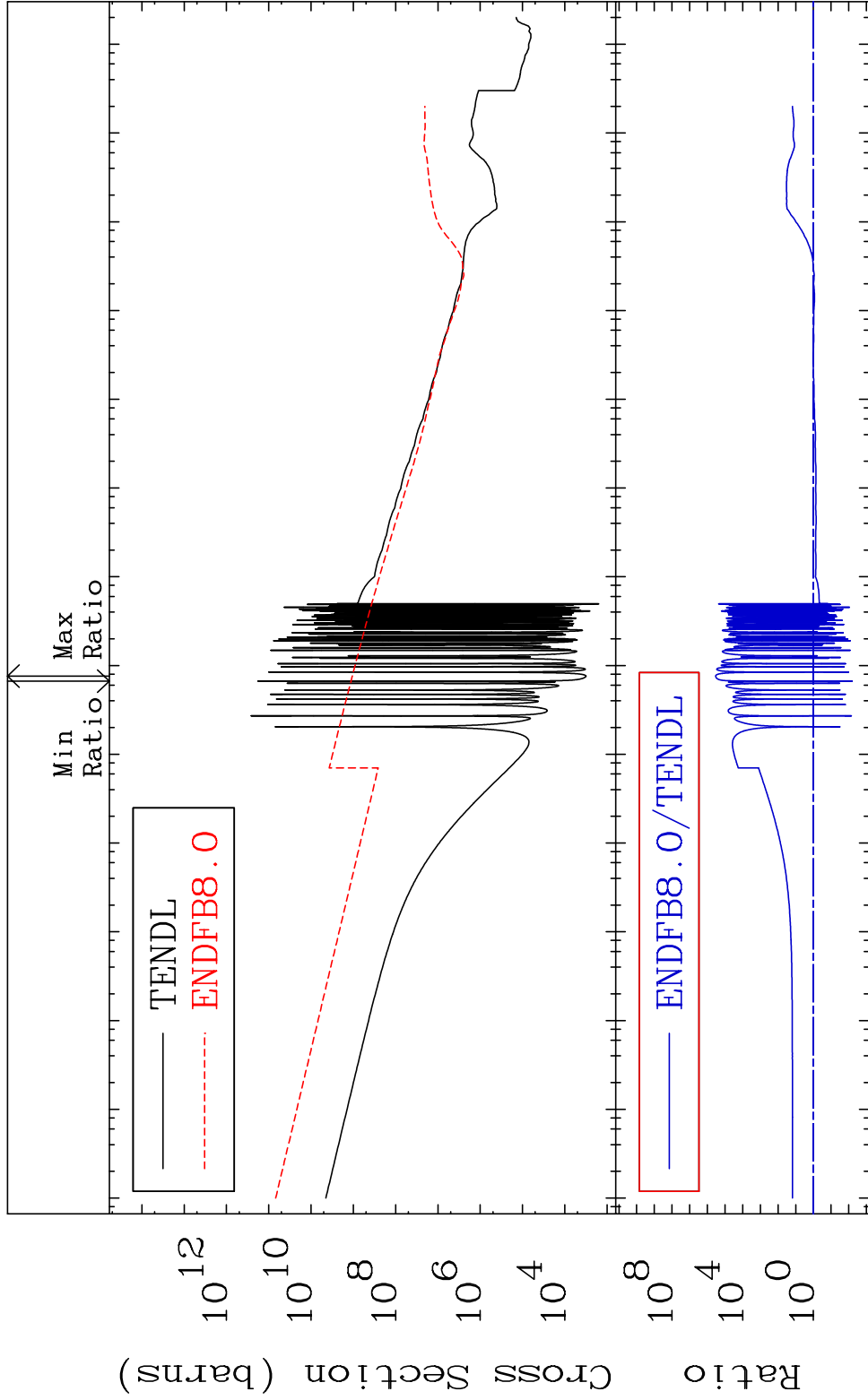


MAT 9911 Kerma capture (mt102) 99-Es-251
Cross Section -99.52 To 9999. %



23 Incident Energy (eV) 99-Es-251

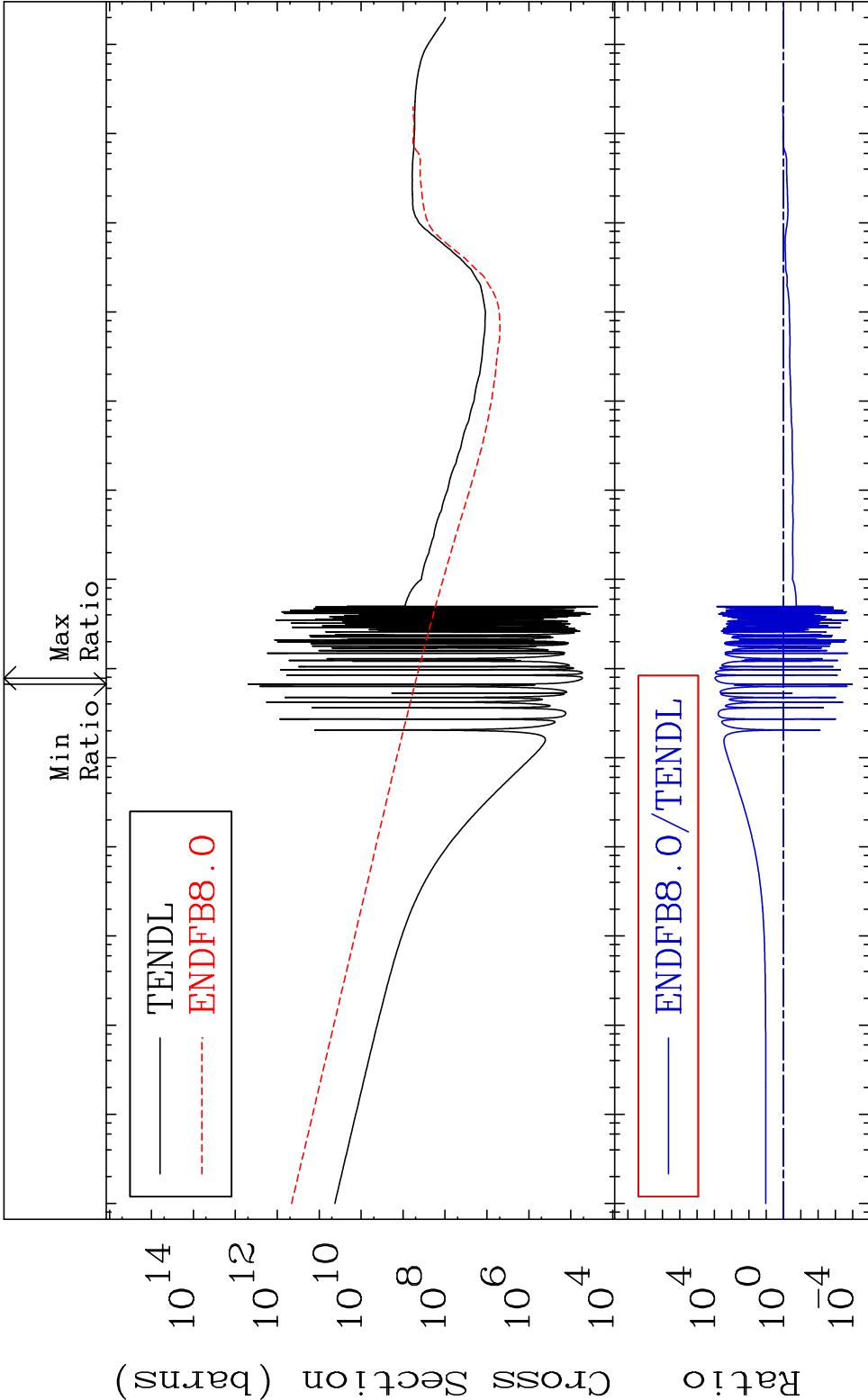
MAT 9911 Total photon (eV-barns) 99-Es-251
Cross Section -99.37 To 9999. %



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

24 Incident Energy (eV) 99-Es-251

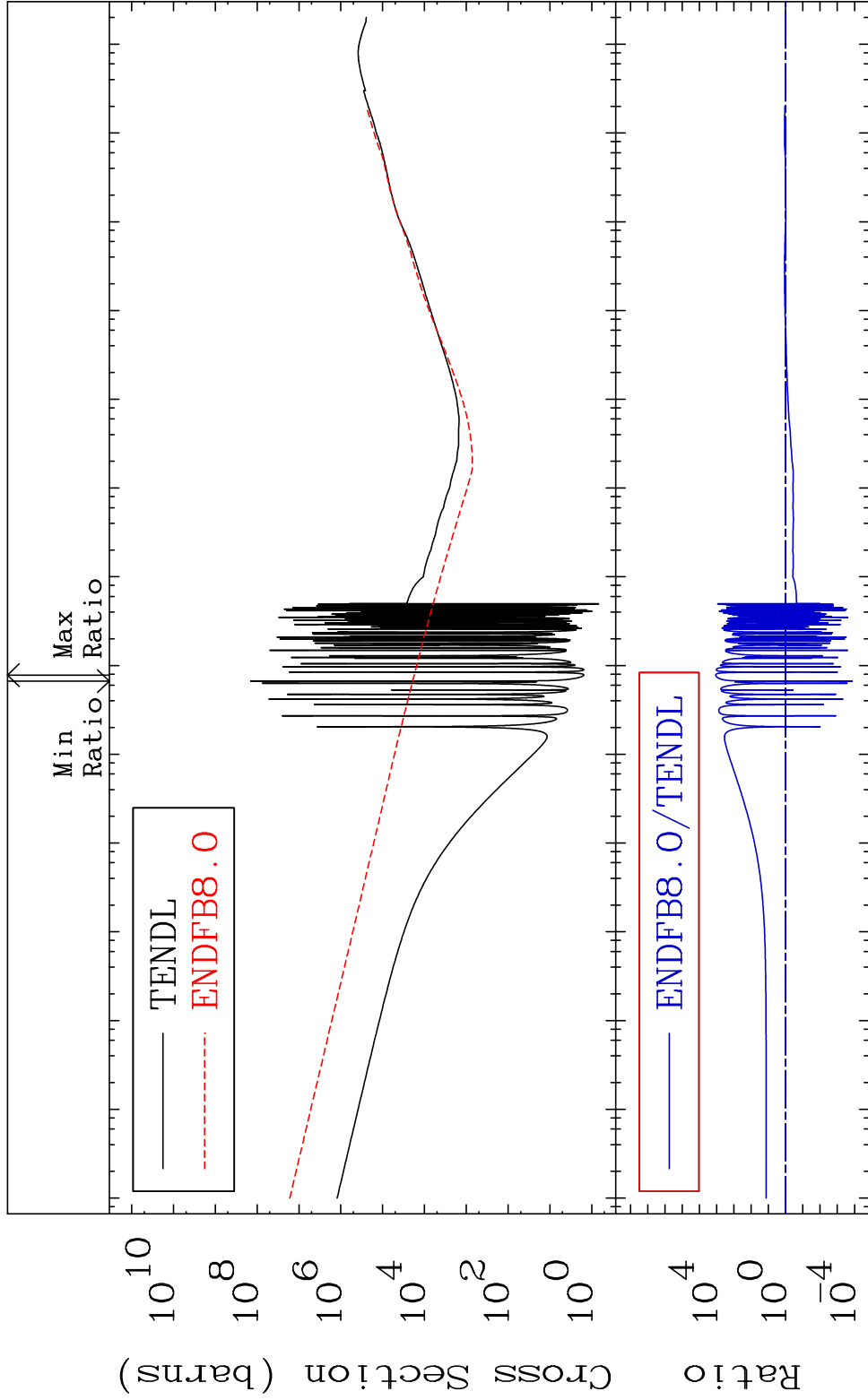
MAT 9911 Total kinematic kerma (high limit) 99-Es-251
Cross Section -99.99 To 9999. %

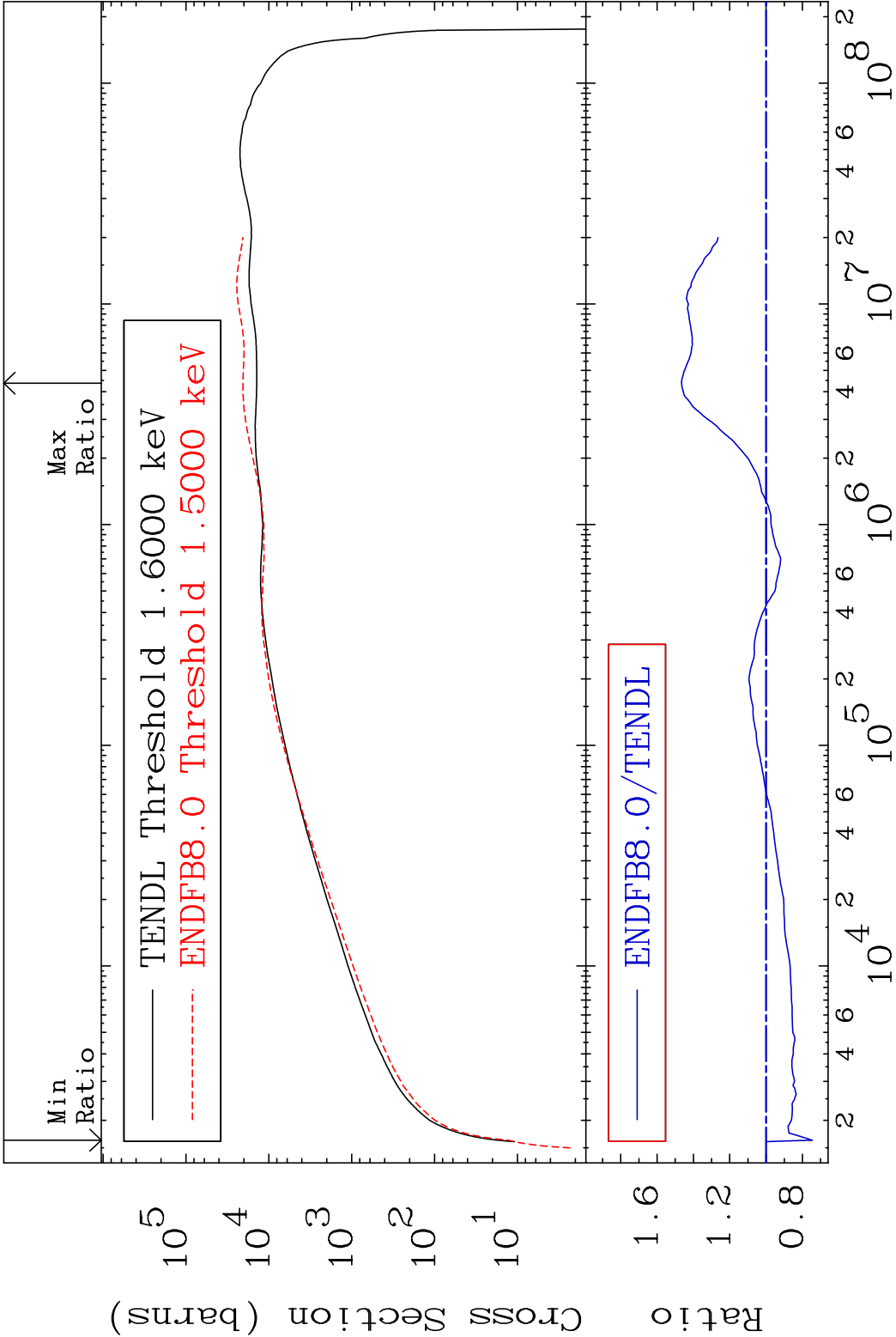


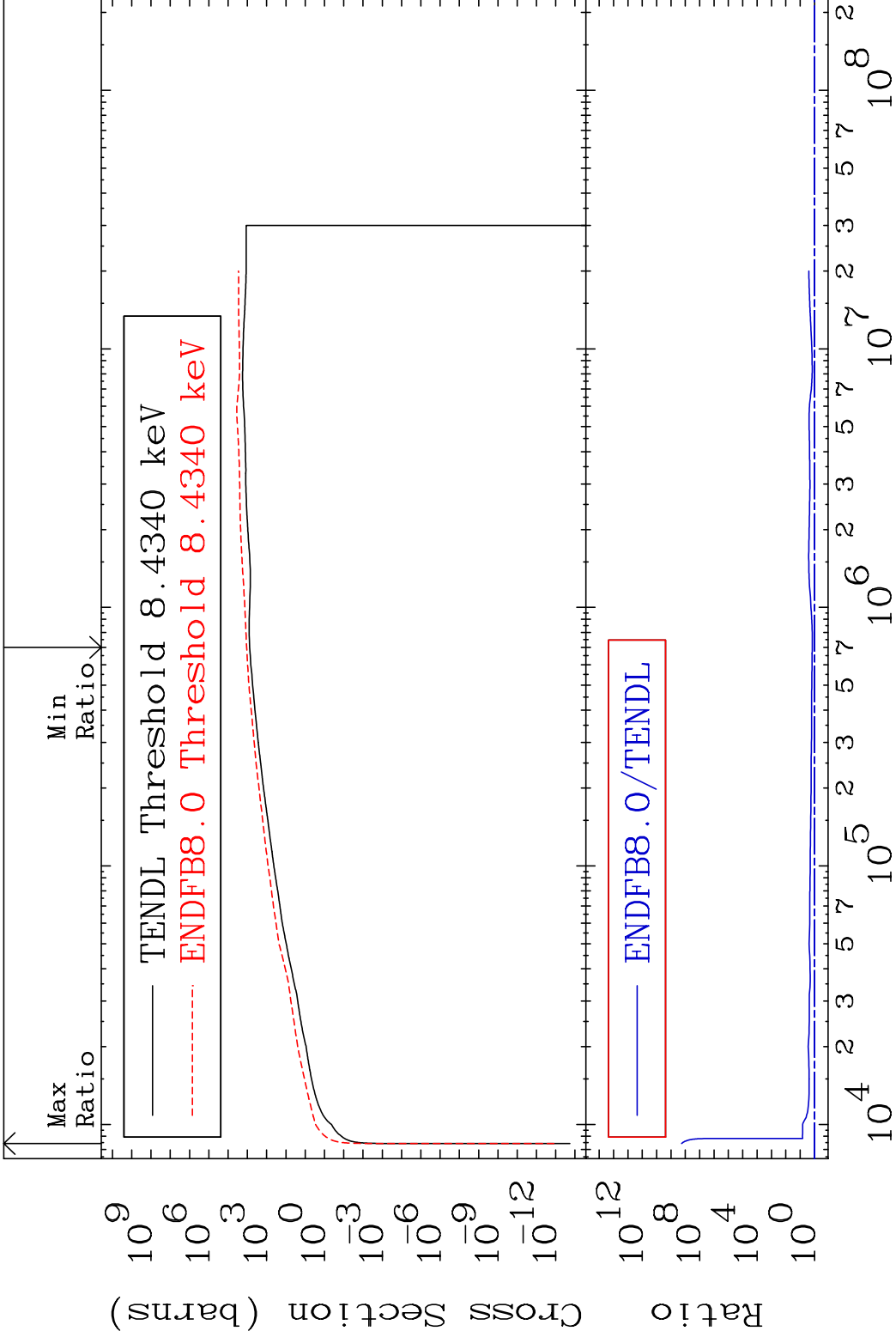
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

25 Incident Energy (eV) 99-Es-251

MAT 9911 Dpa total (eV-barns) 99-Es-251
Cross Section -99.99 To 9999. %







MAT 9911 Dpa disappearance (mt102 -120) 99-Es-251
Cross Section -100.0 To 9999. %

