

Program Complot  
(Version 2021-1)

by

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(Present Contact Information)

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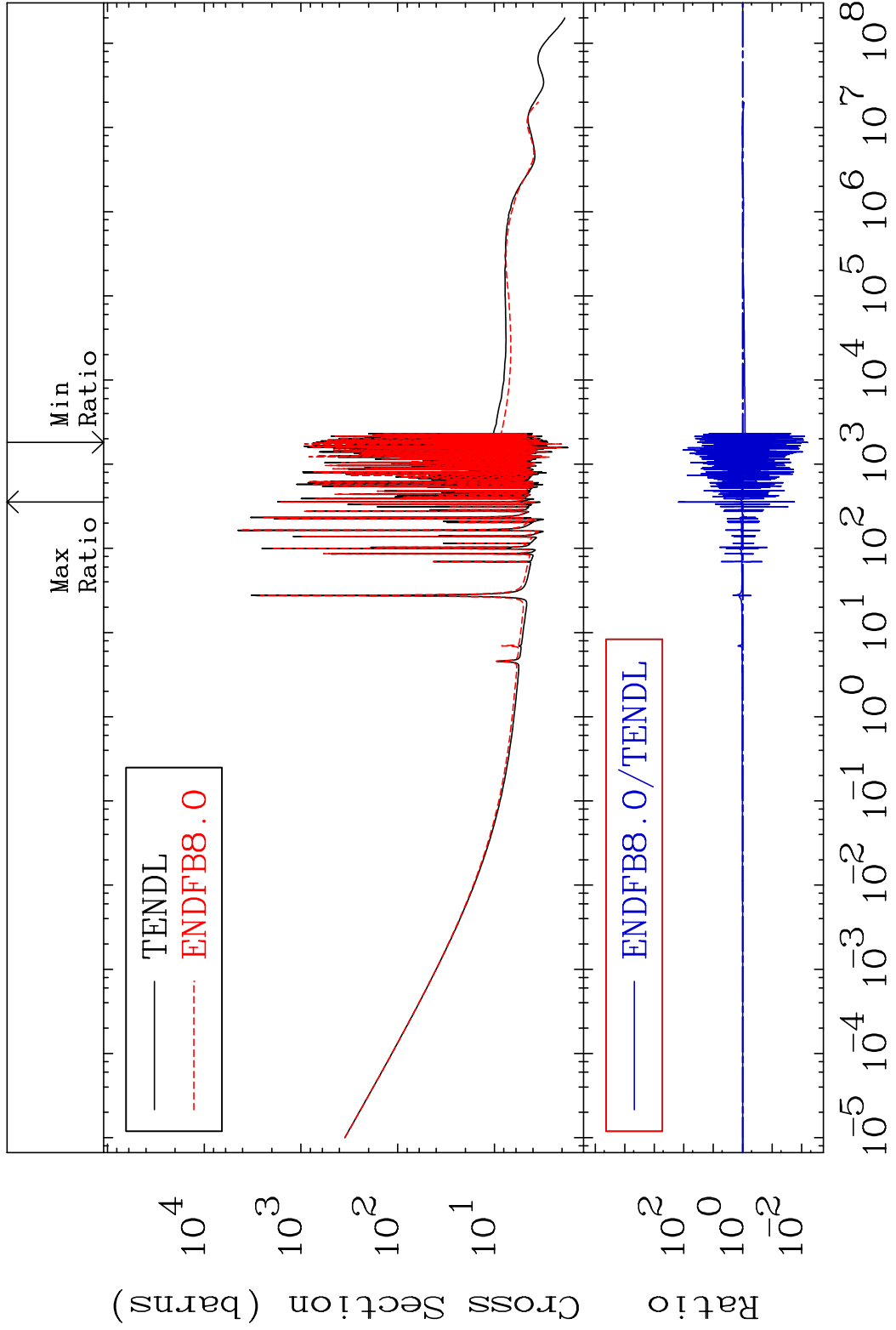
U.S.A.

Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

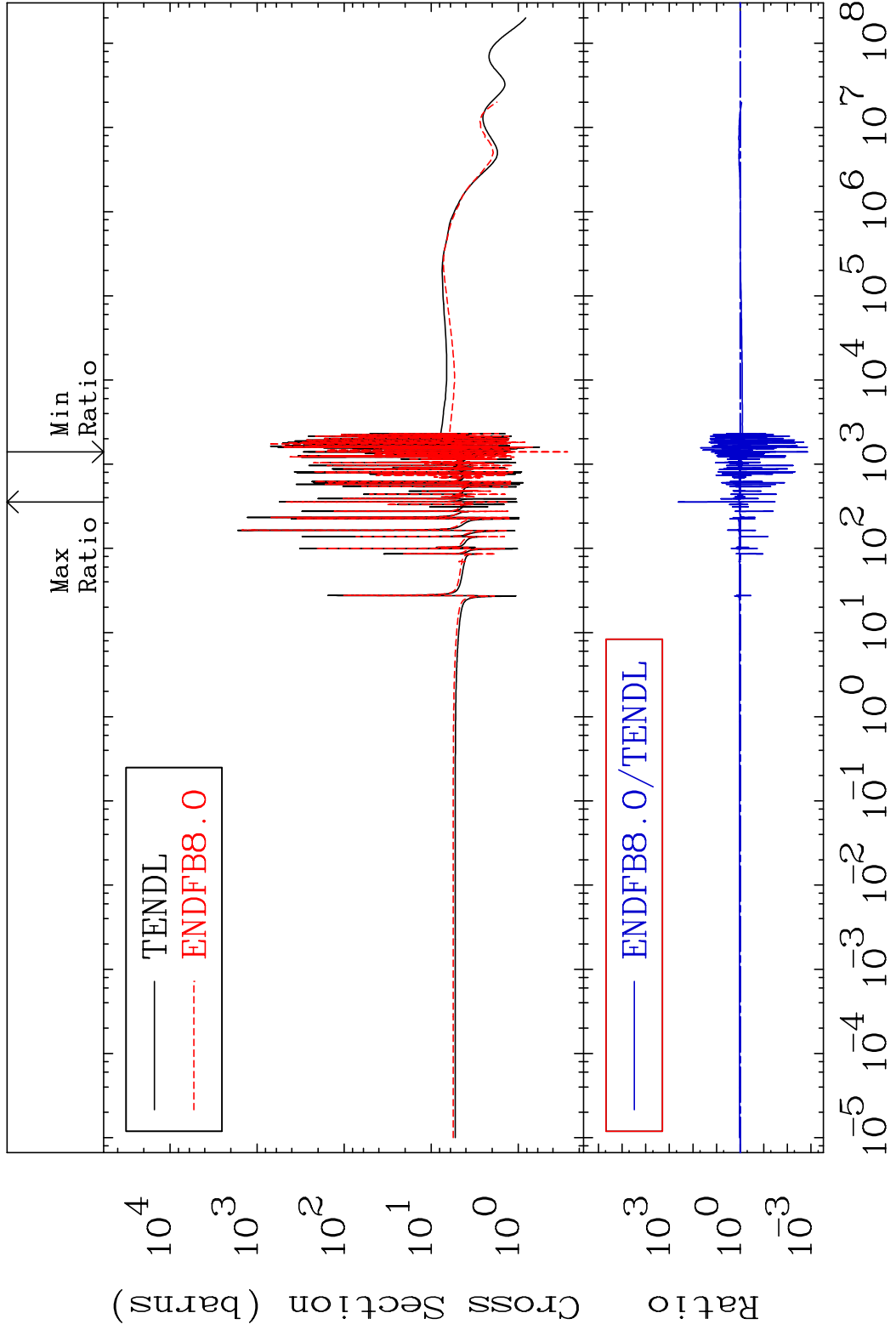
Press Mouse Button to Start

MAT 4840      Total      48-Cd-111  
 Cross Section      -99.37 To 9999. %



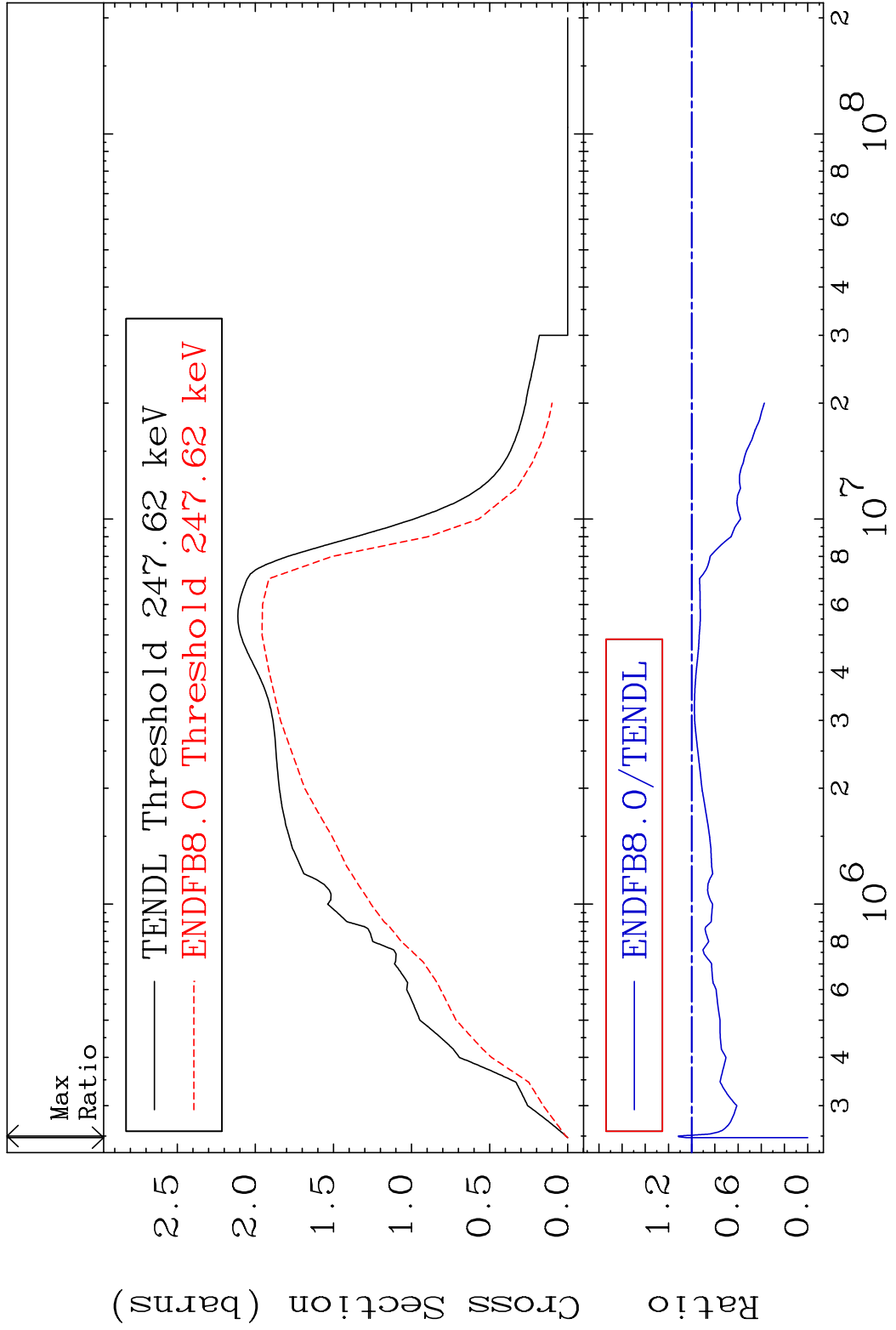
1      Incident Energy (eV)      48-Cd-111

MAT 4840 Elastic Cross Section -99.86 To 9999. % 48-Cd-111



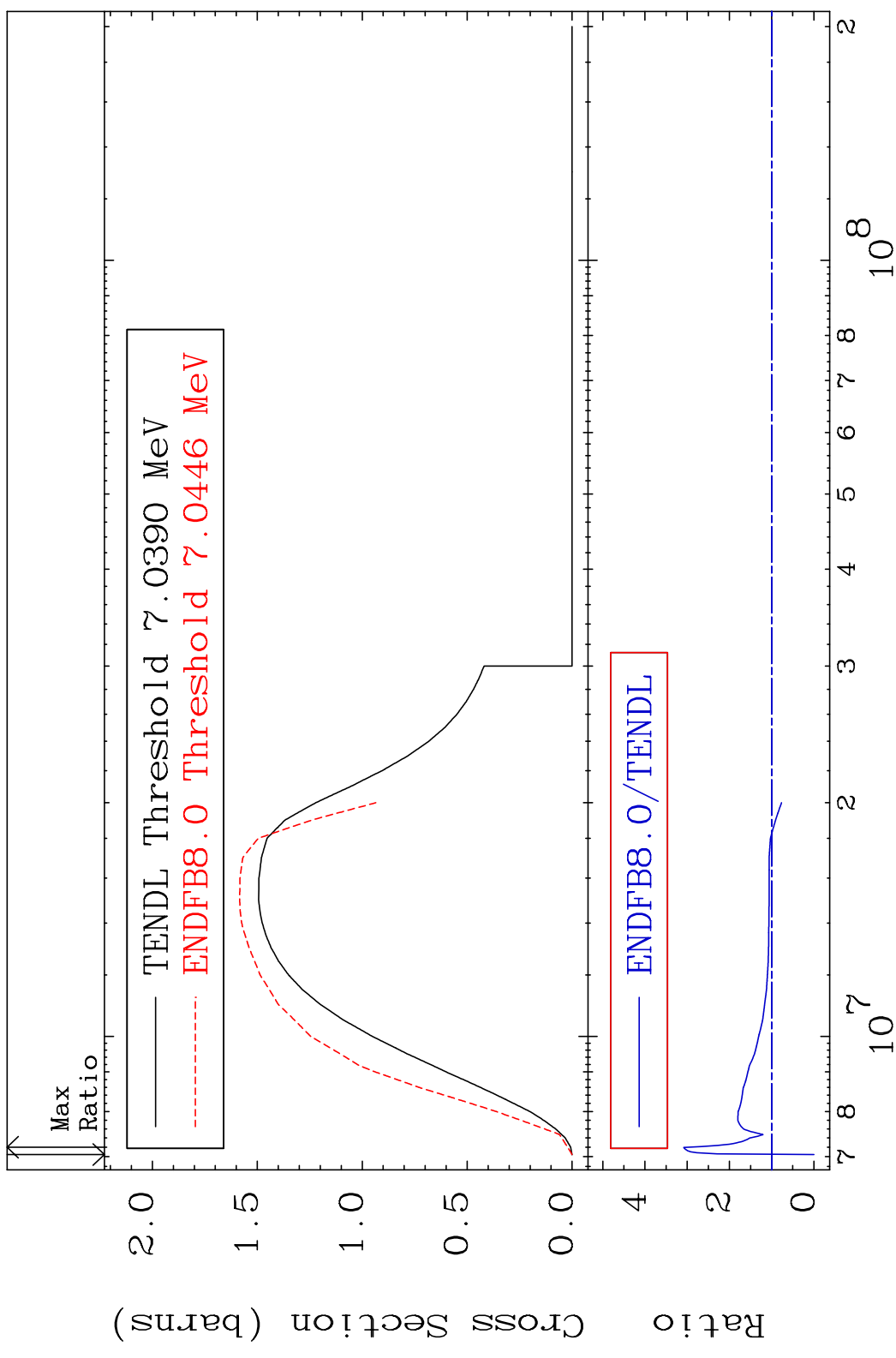
2 Incident Energy (eV) 48-Cd-111

MAT 4840 Inelastic 48-Cd-111  
Cross Section -100.0 To 11.55 %



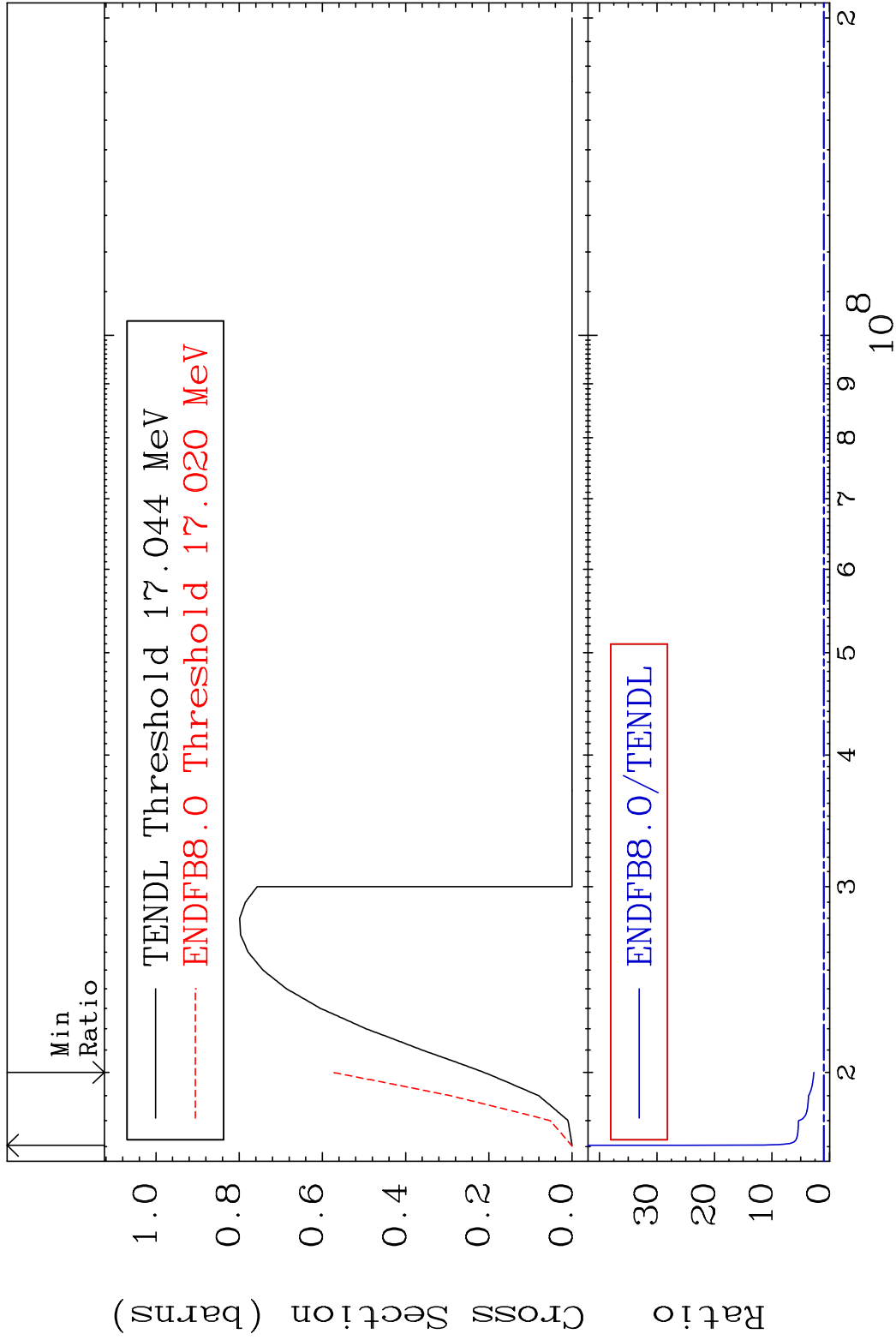
3 48-Cd-111

MAT 4840 (n,2n) 48-Cd-111  
 Cross Section -100.0 To 208.9 %

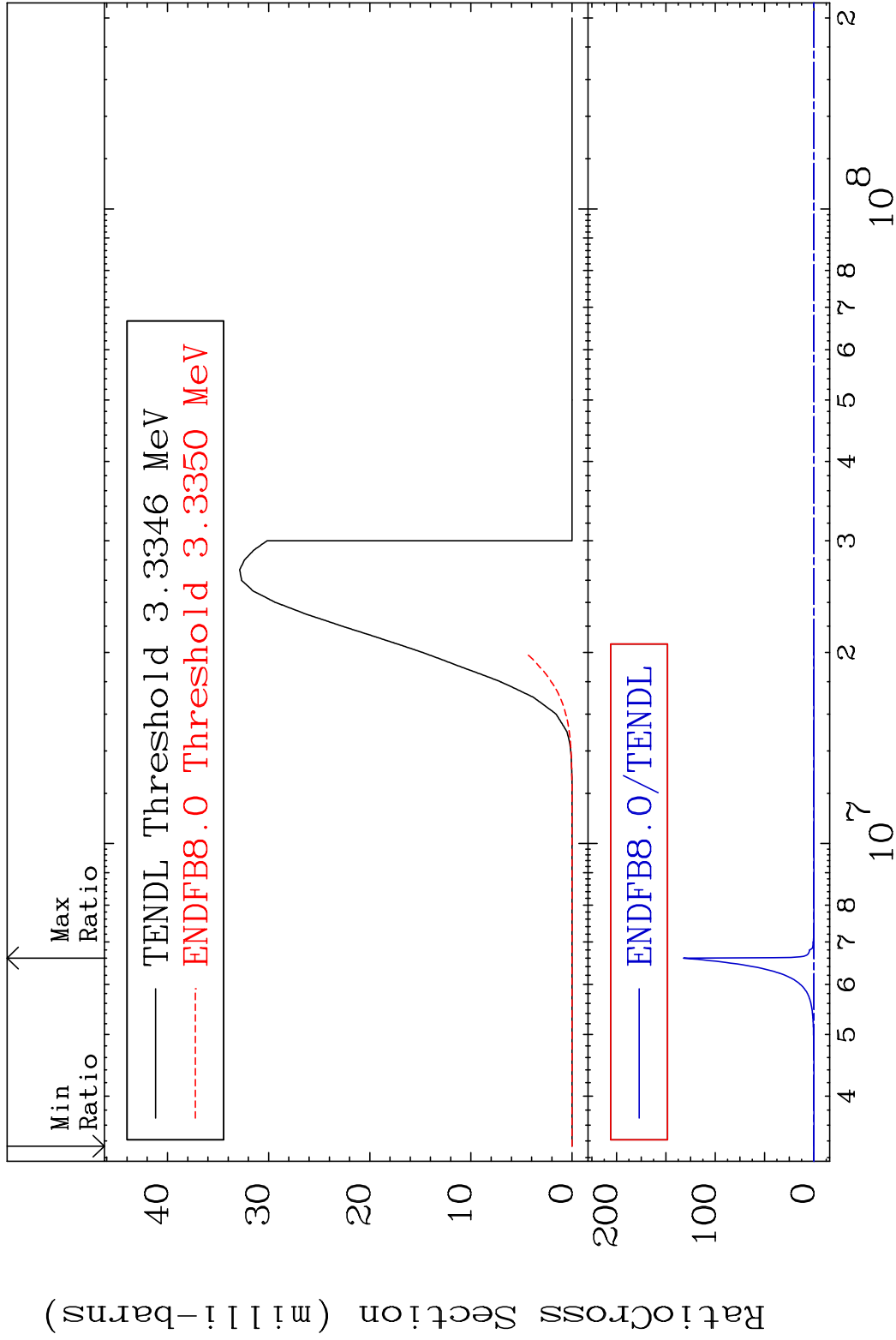


4 Incident Energy (eV) 48-Cd-111

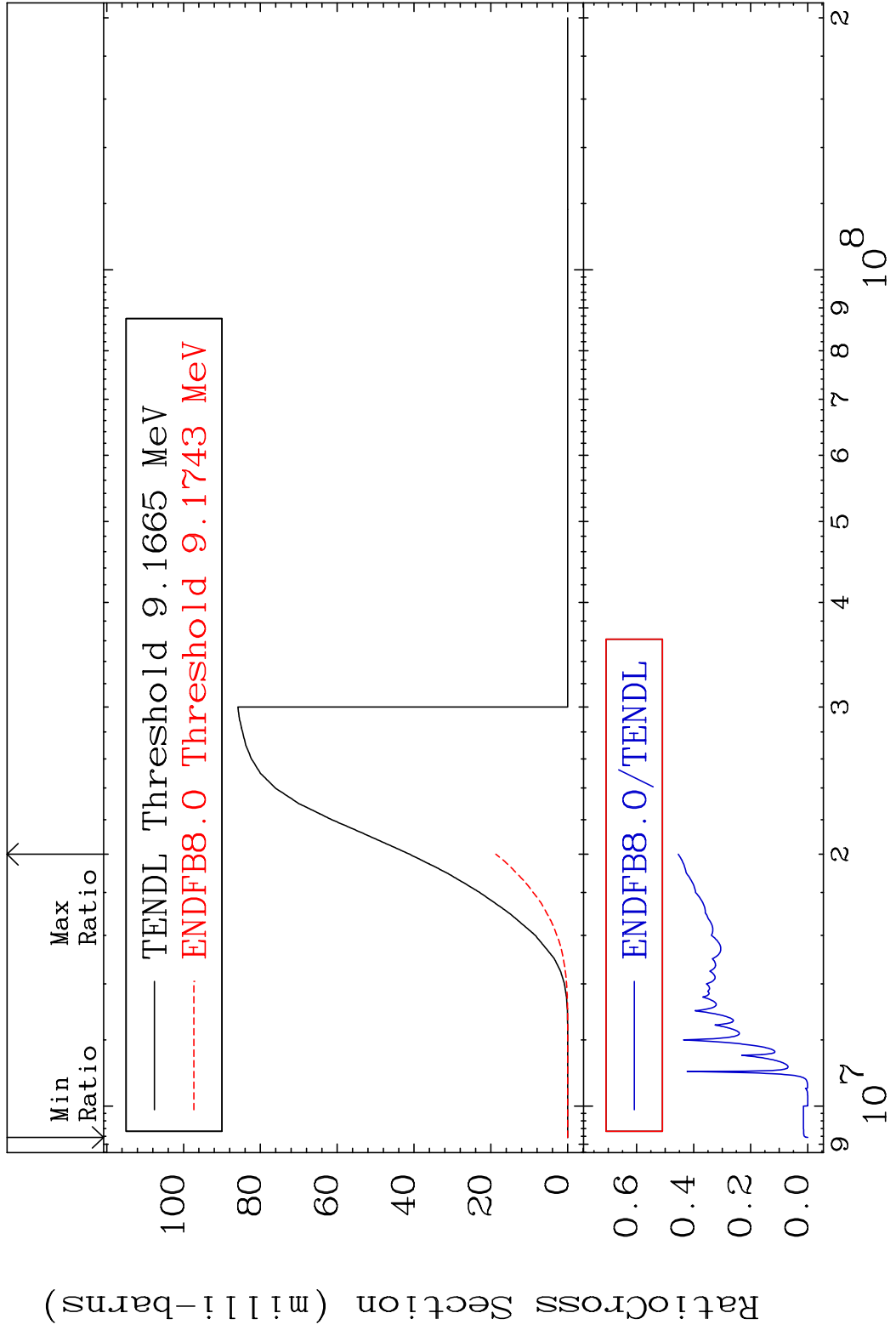
MAT 4840 (n,3n) 48-Cd-111  
 Cross Section 171.8 To 2439. %



MAT 4840 (n, n')  $\alpha$  48-Cd-111  
 Cross Section -100.0 To 9999. %



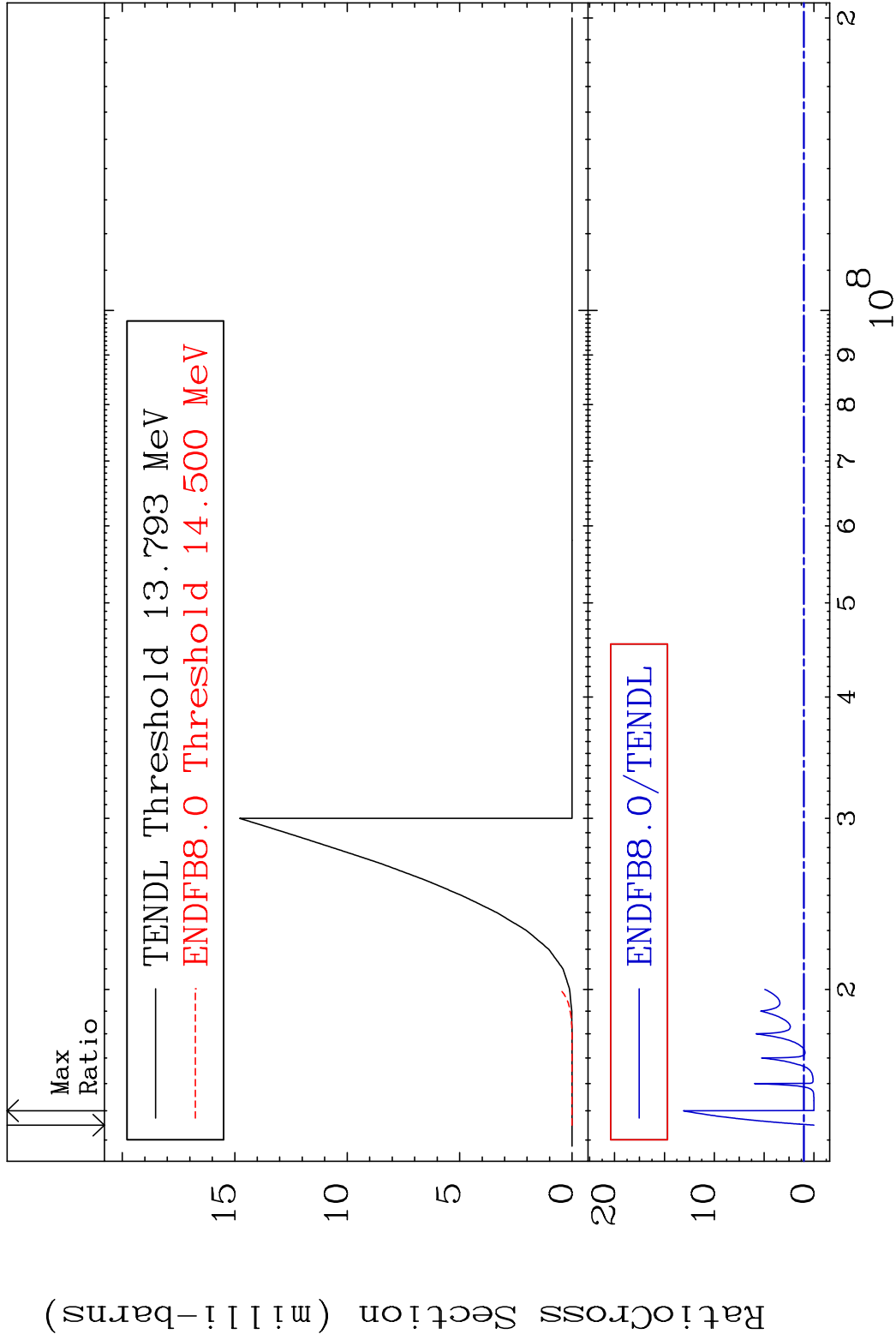
MAT 4840 (n, n') p 48-Cd-111  
Cross Section -100.0 To -54.59%



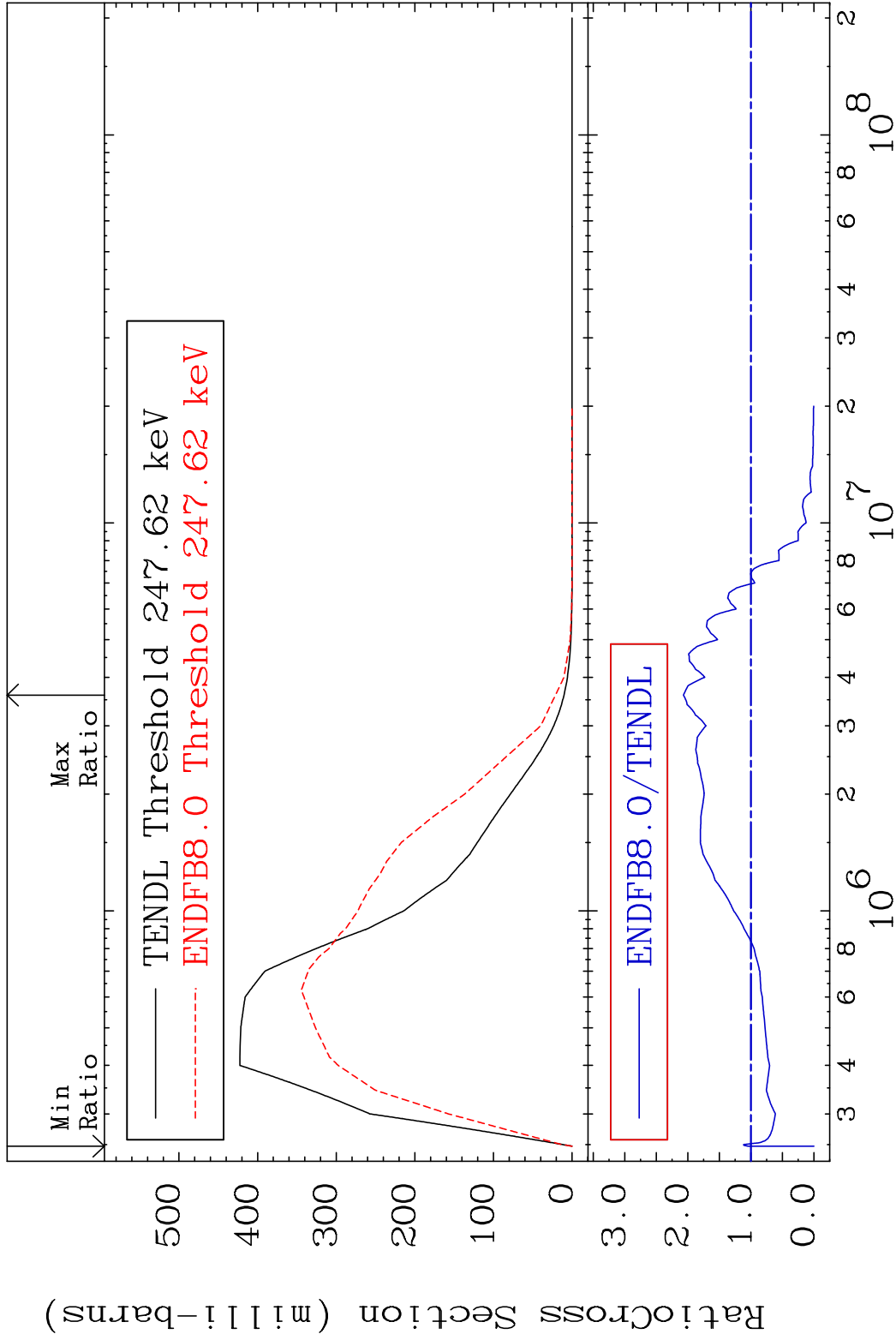
7 Incident Energy (eV) 48-Cd-111



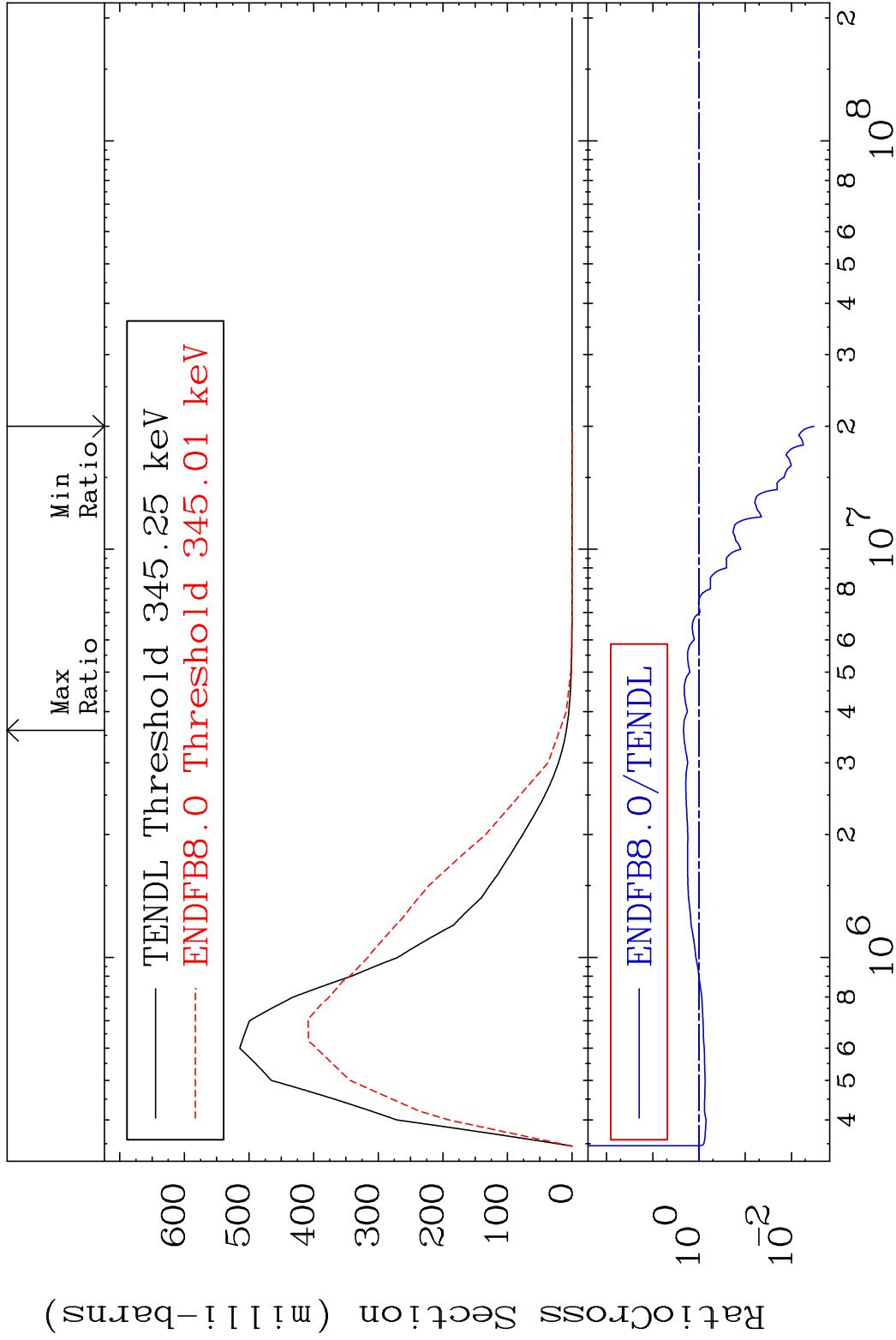
MAT 4840 (n, n') d 48-Cd-111  
 Cross Section -100.0 To 1209. %



MAT 4840 MT= 51 (n, n') Level 48-Cd-111  
 Cross Section -100.0 To 107.0 %

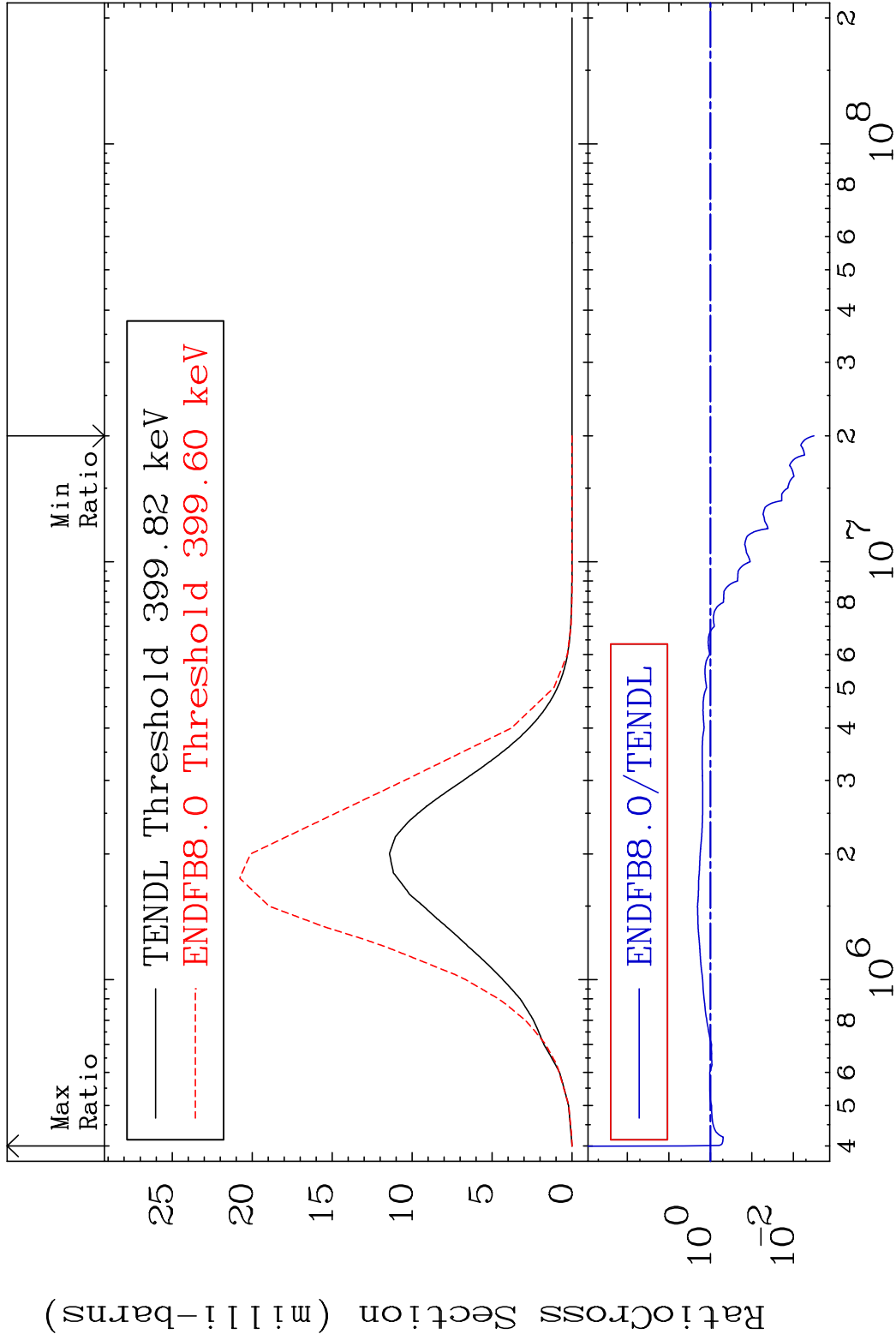


MAT 4840 MT= 52 (n, n') Level 48-Cd-111  
 Cross Section -99.67 To 117.2 %



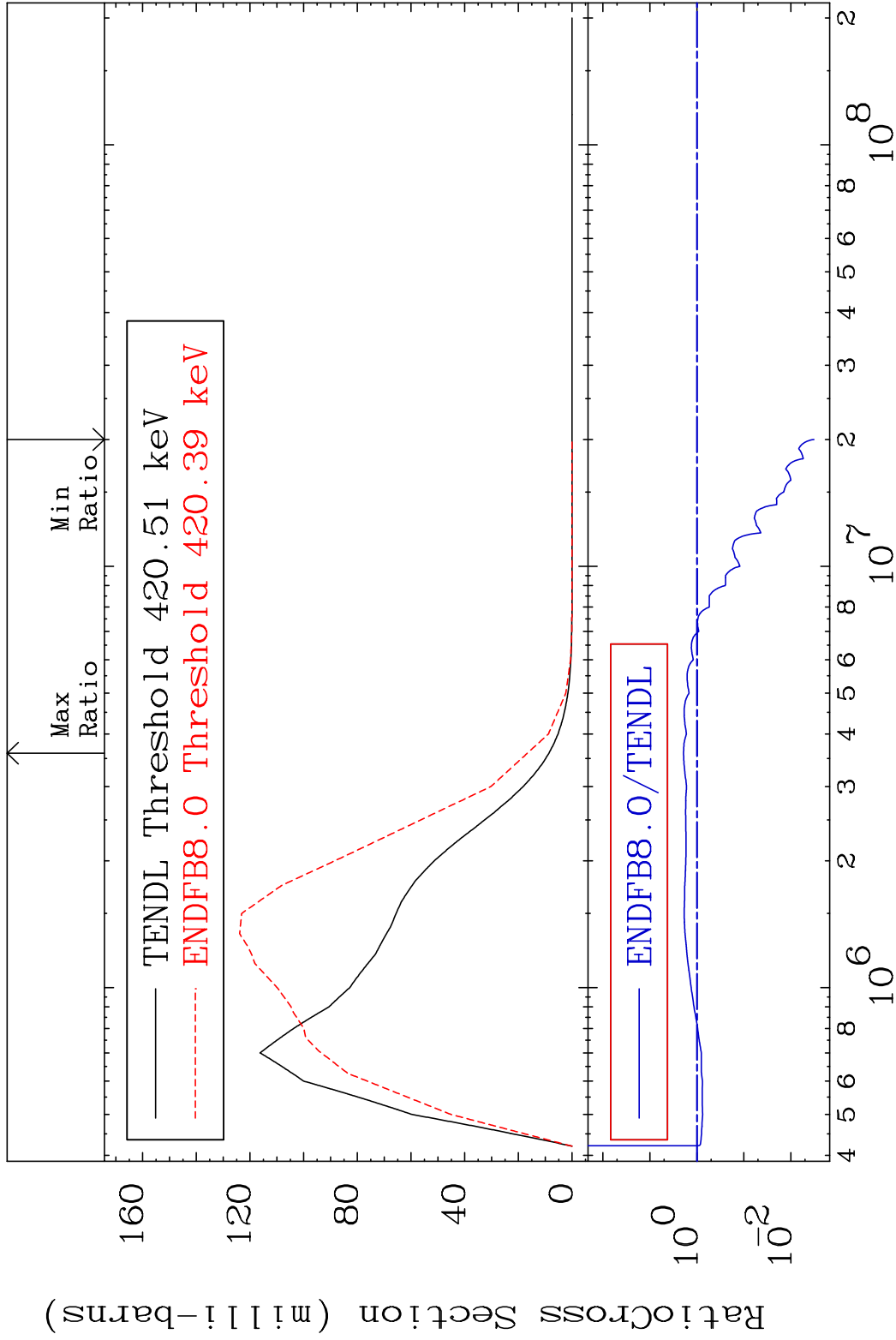
10 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 53 (n, n') Level 48-Cd-111  
 Cross Section -99.68 To 343.9 %



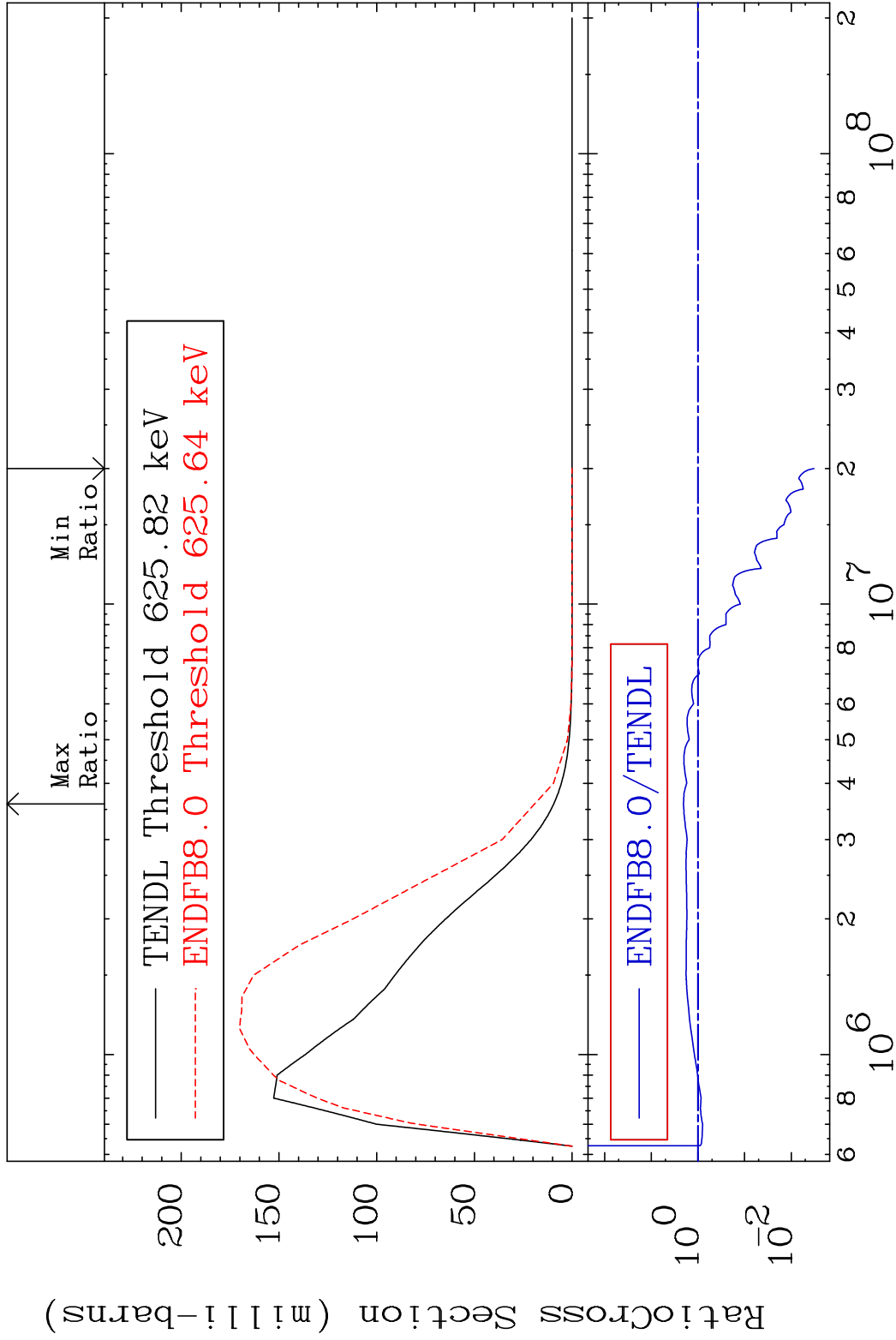
11 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 54 (n, n') Level 48-Cd-111  
 Cross Section -99.68 To 93.46 %



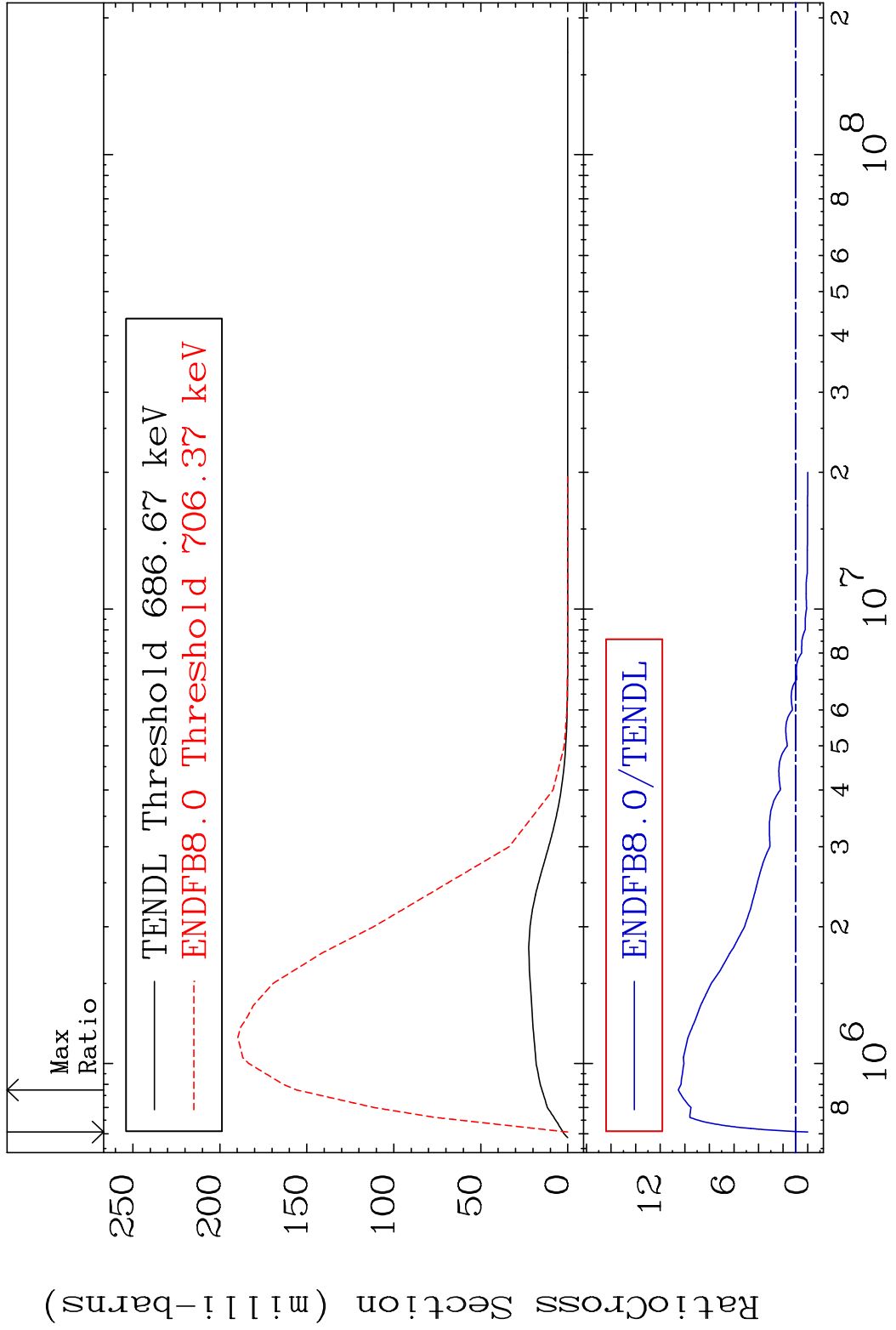
12 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 55 (n, n') Level 48-Cd-111  
 Cross Section -99.67 To 104.6 %



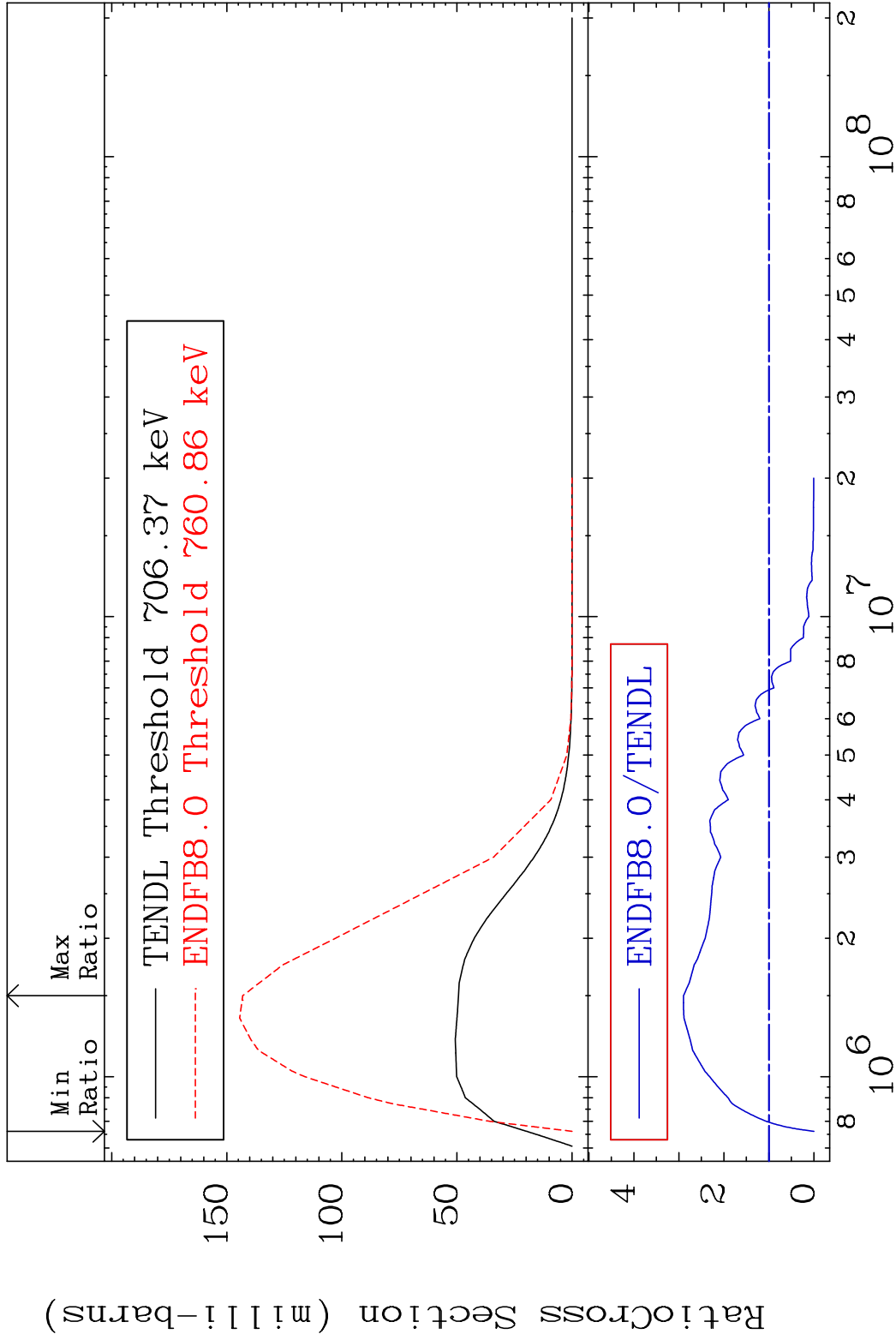
13 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 56 (n, n') Level 48-Cd-111  
 Cross Section -100.0 To 953.2 %



14 Incident Energy (eV) 48-Cd-111

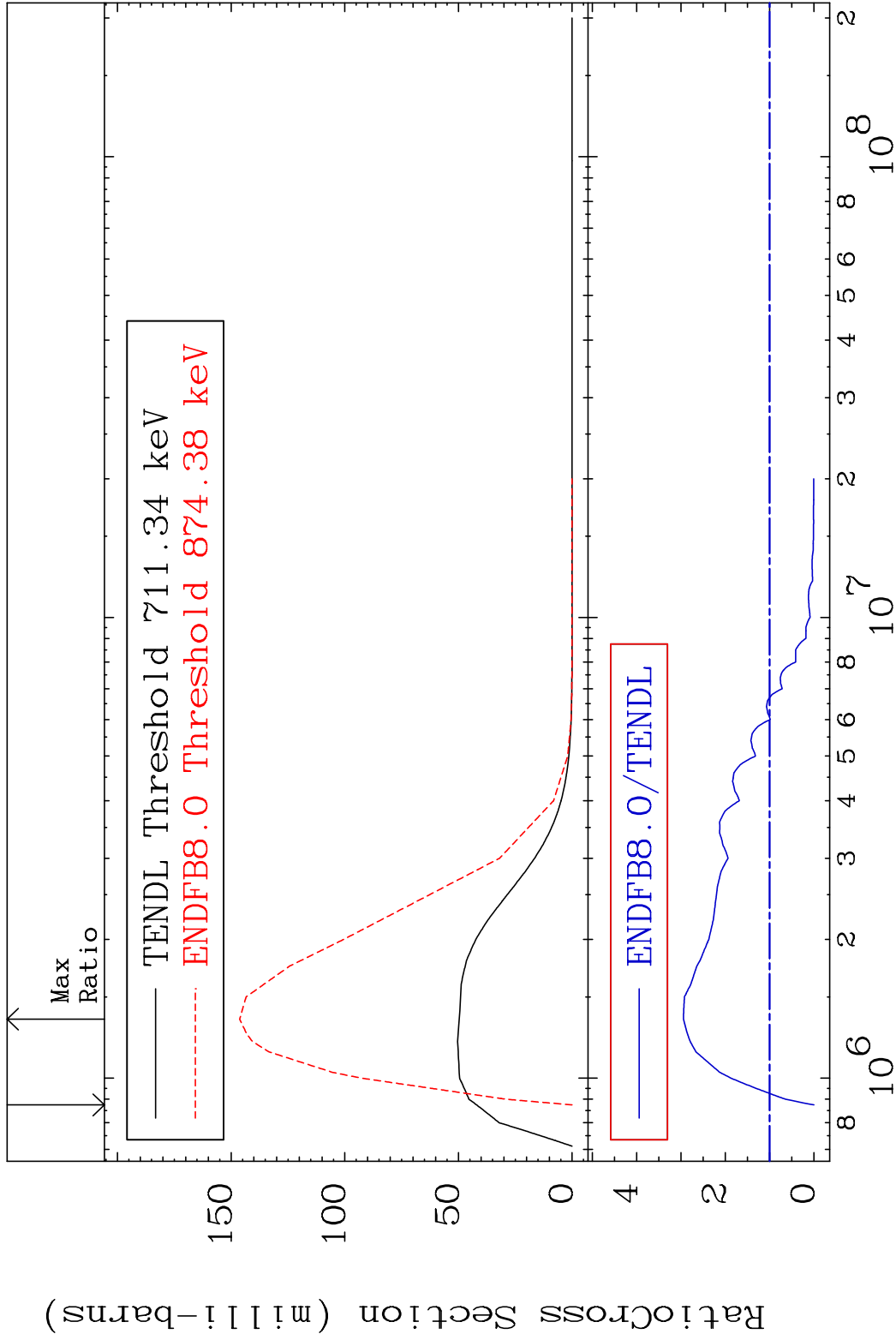
MAT 4840 MT= 57 (n, n') Level 48-Cd-111  
 Cross Section -100.0 To 189.8 %



15 Incident Energy (eV) 48-Cd-111

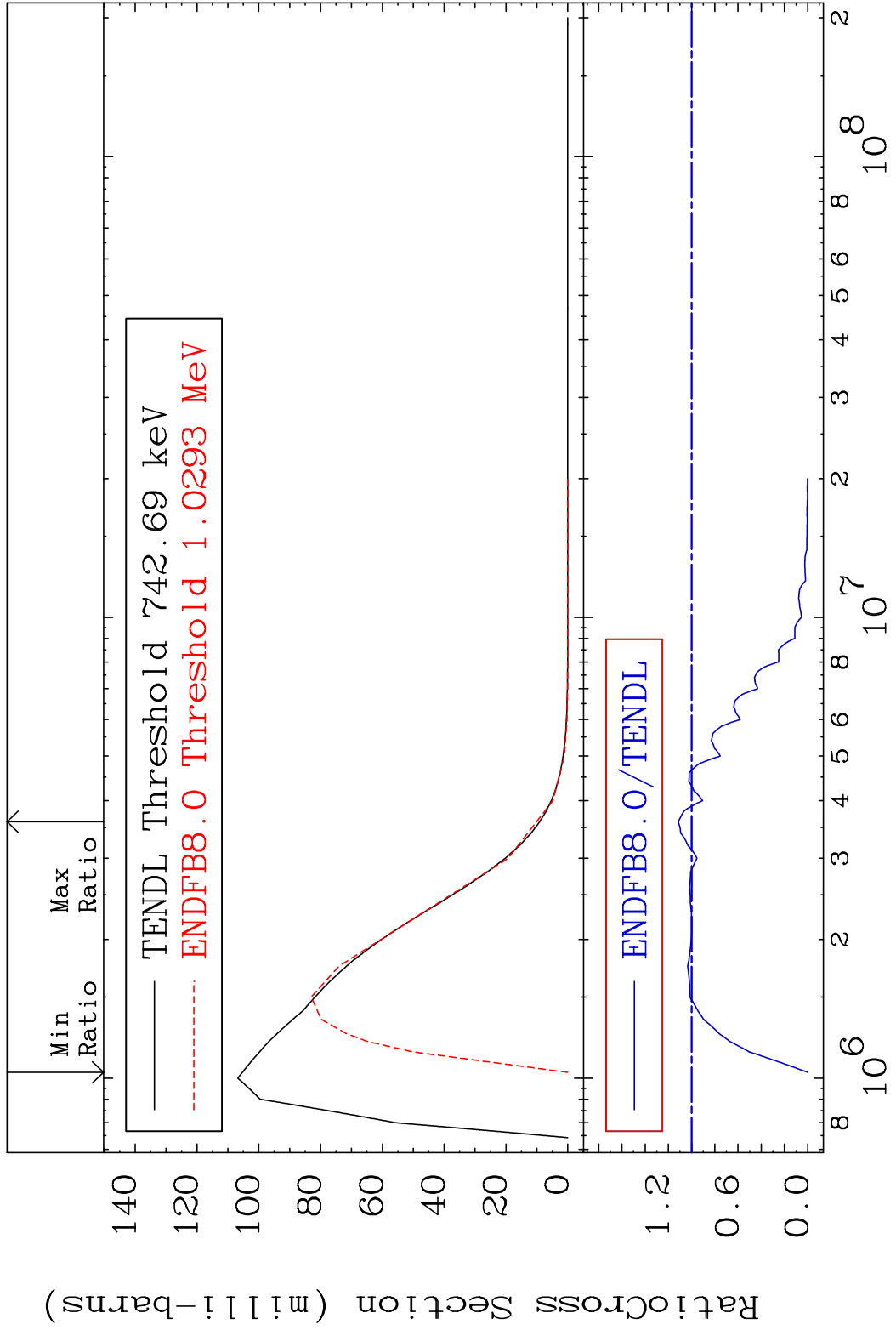


MAT 4840 MT= 58 (n, n') Level 48-Cd-111  
Cross Section -100.0 To 194.3 %



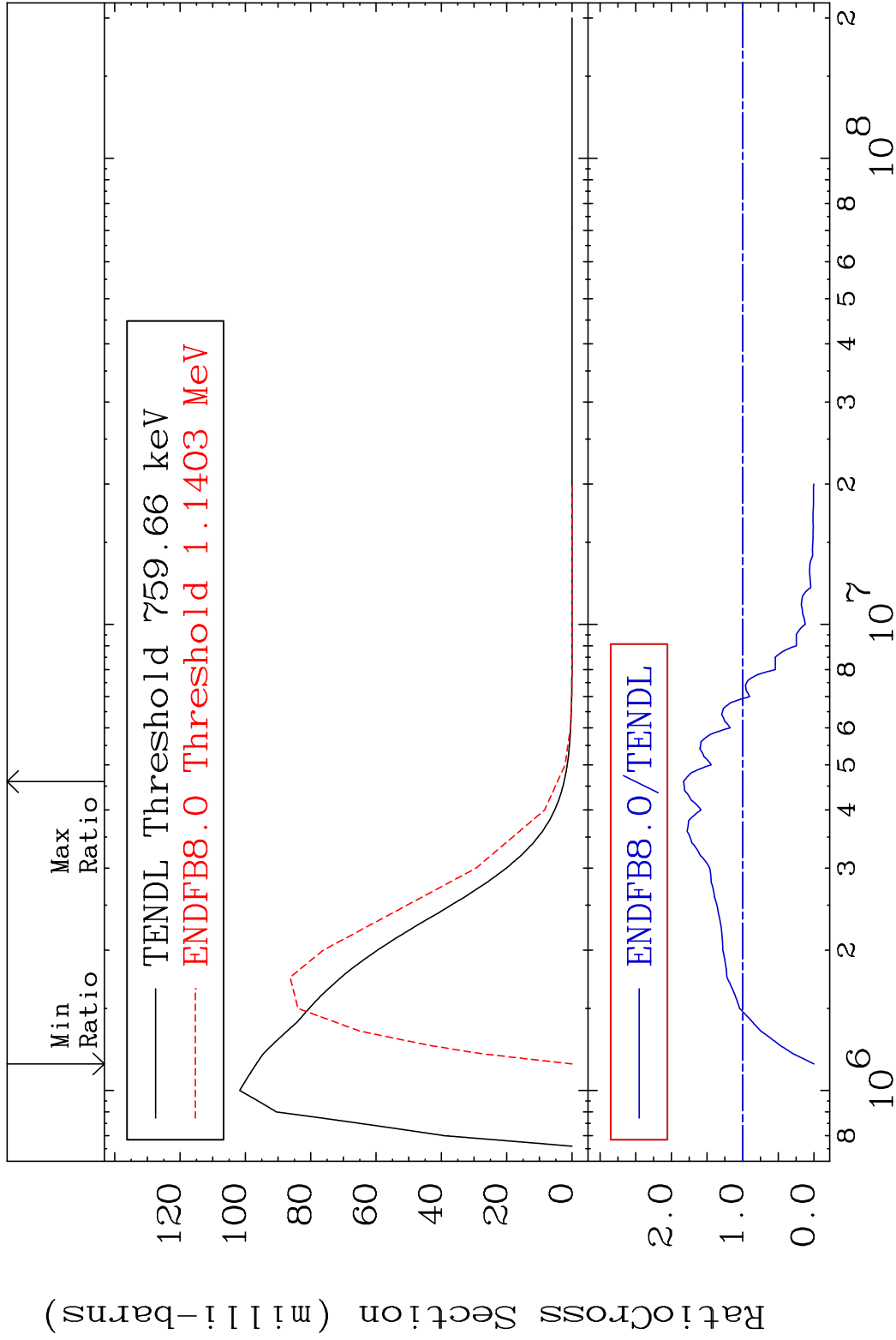
16 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 59 (n, n') Level 48-Cd-111  
 Cross Section -100.0 To 11.46 %



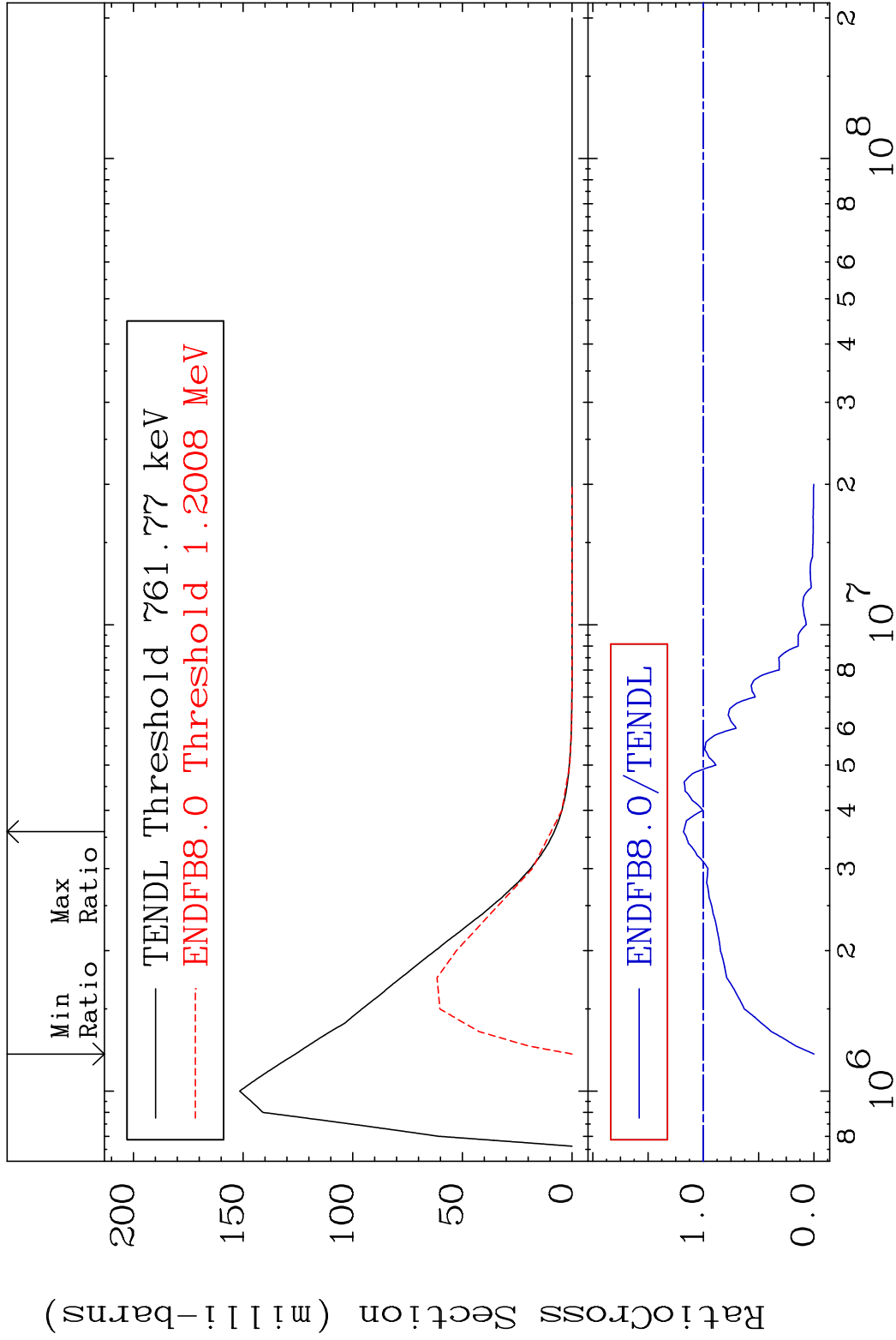
17 Incident Energy (eV) 48-Cd-111

MAT 4840 MT= 60 (n, n') Level 48-Cd-111  
 Cross Section -100.0 To 83.12 %



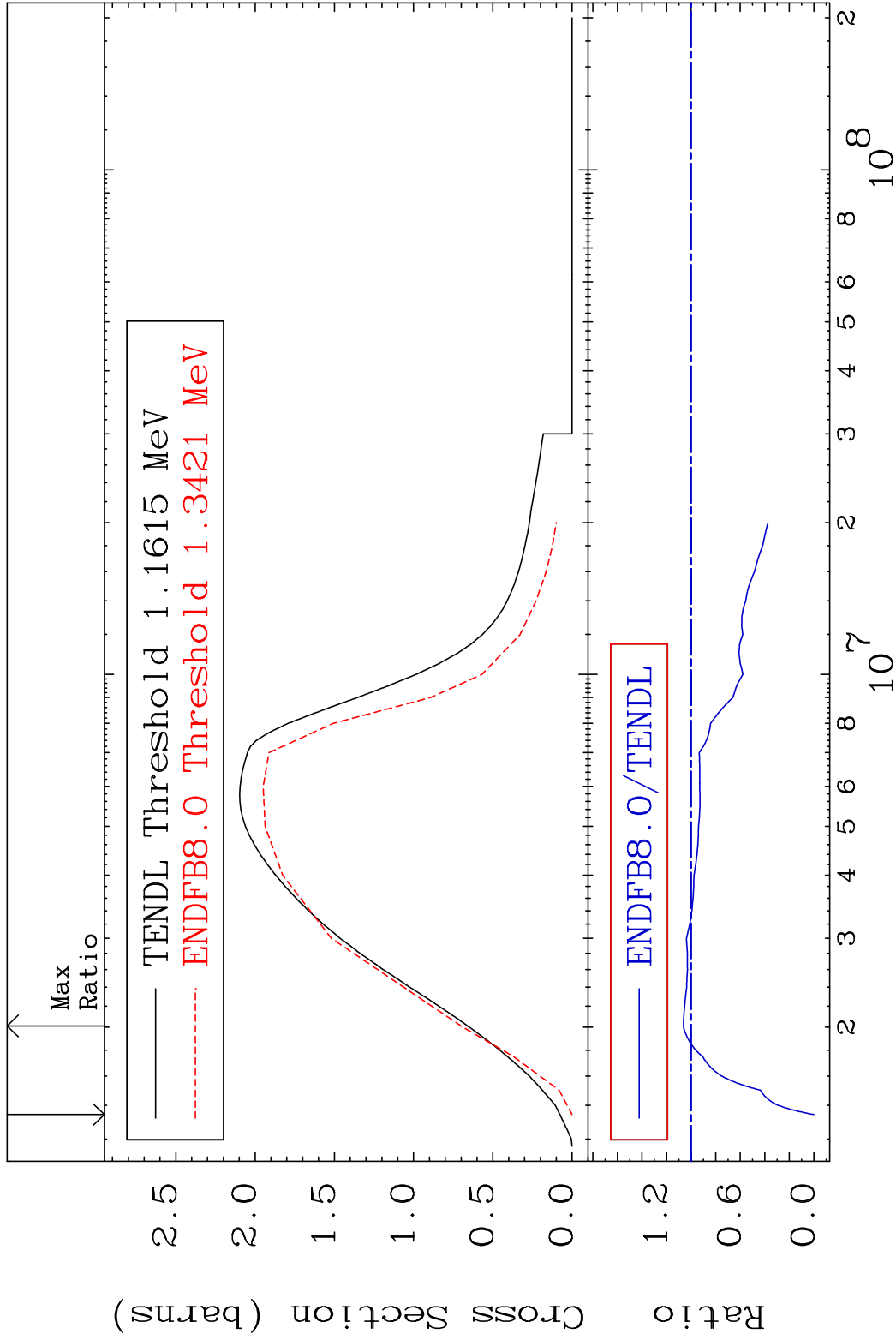
18 Incident Energy (eV) 48-Cd-111

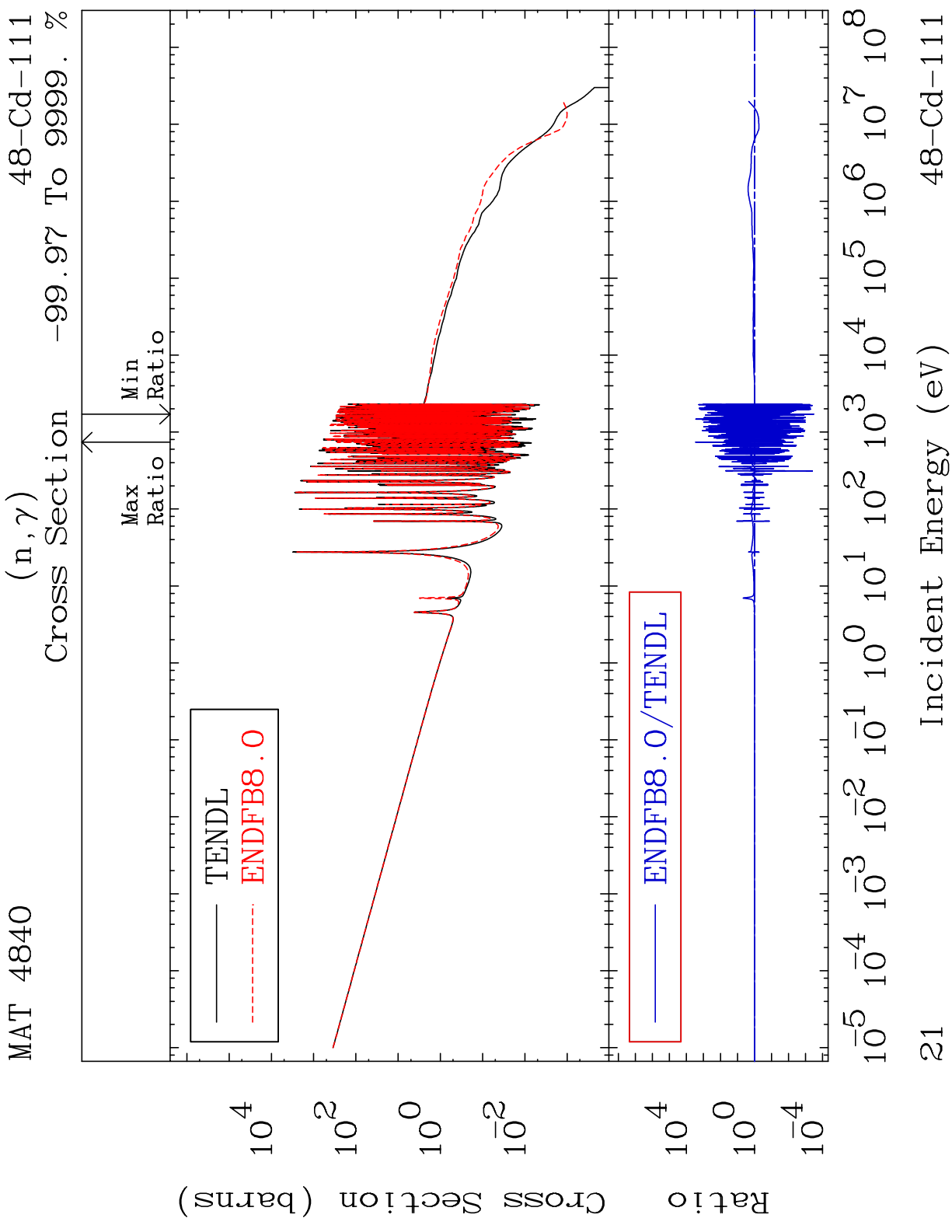
MAT 4840 MT= 61 (n, n') Level 48-Cd-111  
 Cross Section -100.0 To 17.98 %



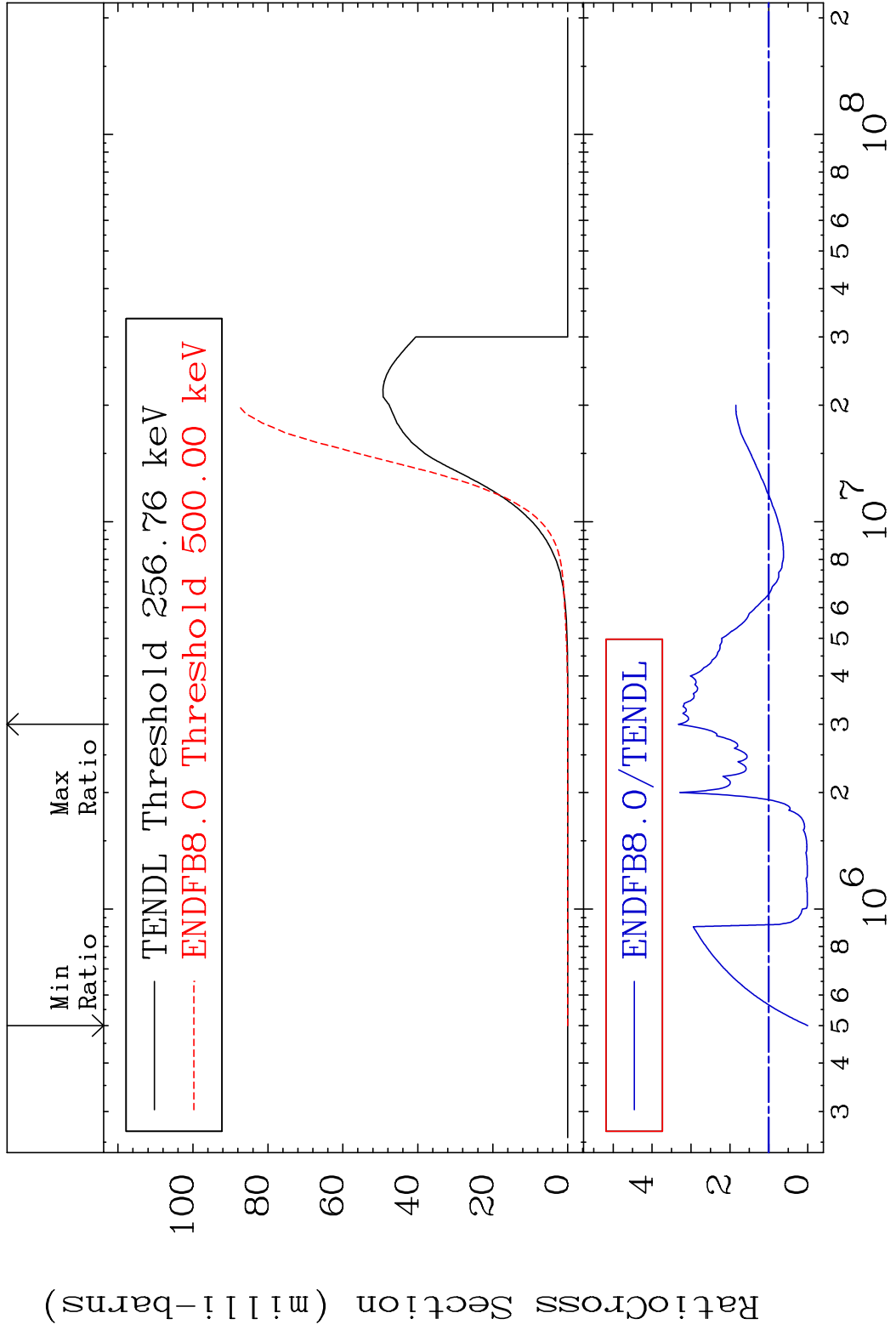
19 Incident Energy (eV) 48-Cd-111

MAT 4840 (n, n') Continuum 48-Cd-111  
 Cross Section -100.0 To 6.220 %



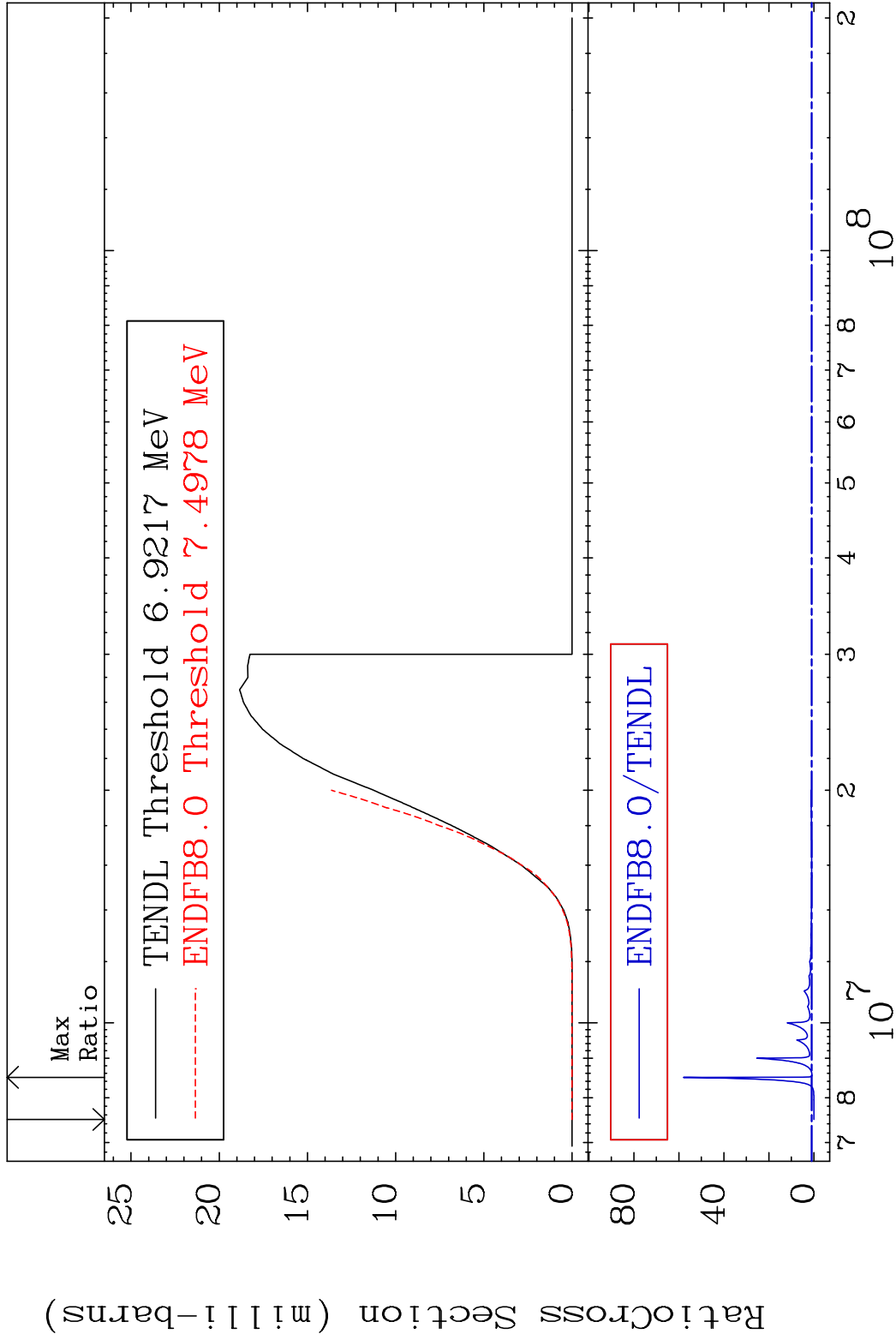


MAT 4840 (n, p) 48-Cd-111  
 Cross Section -100.0 To 232.7 %



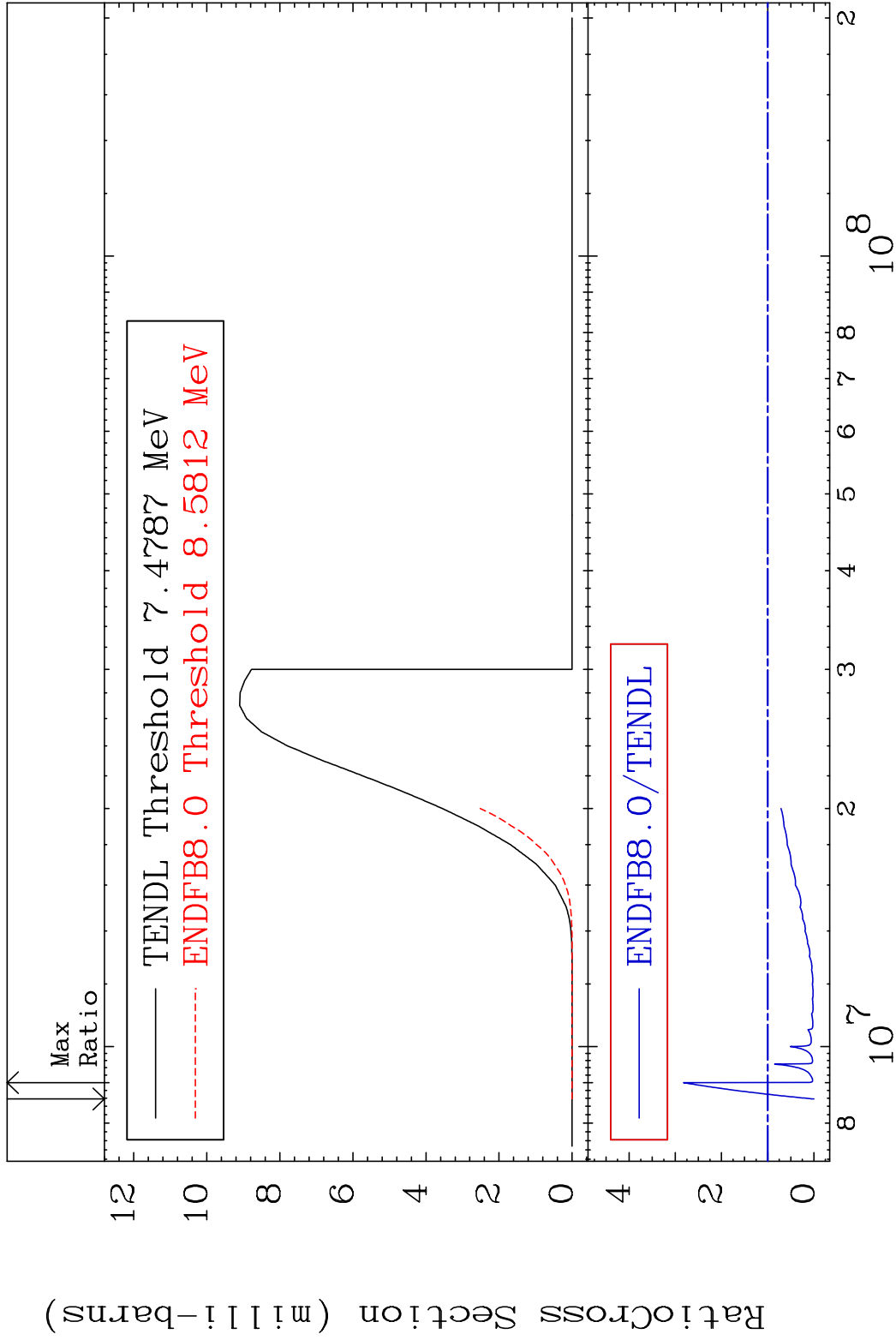
22 48-Cd-111

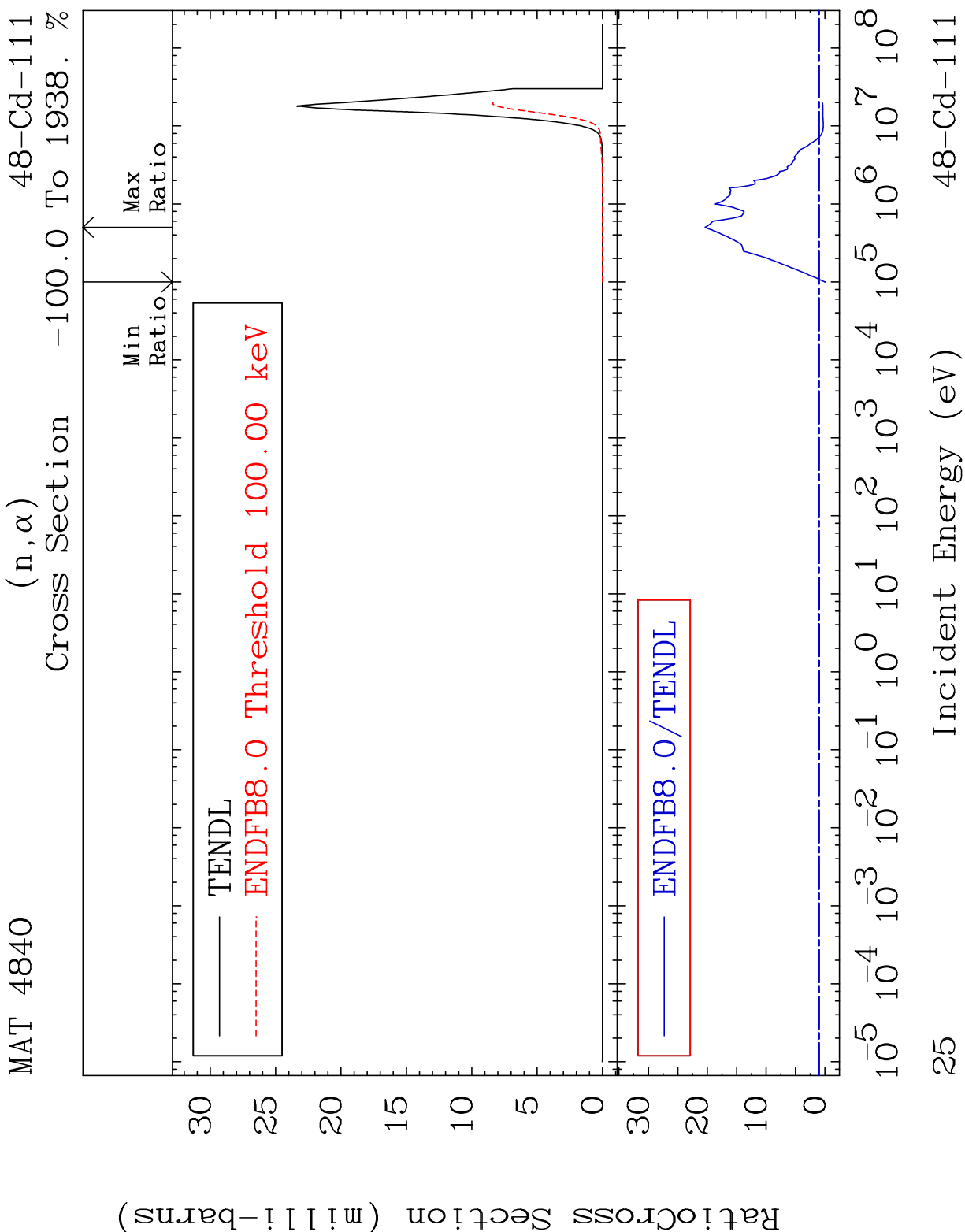
MAT 4840 (n, d) 48-Cd-111  
 Cross Section -100.0 To 5697. %



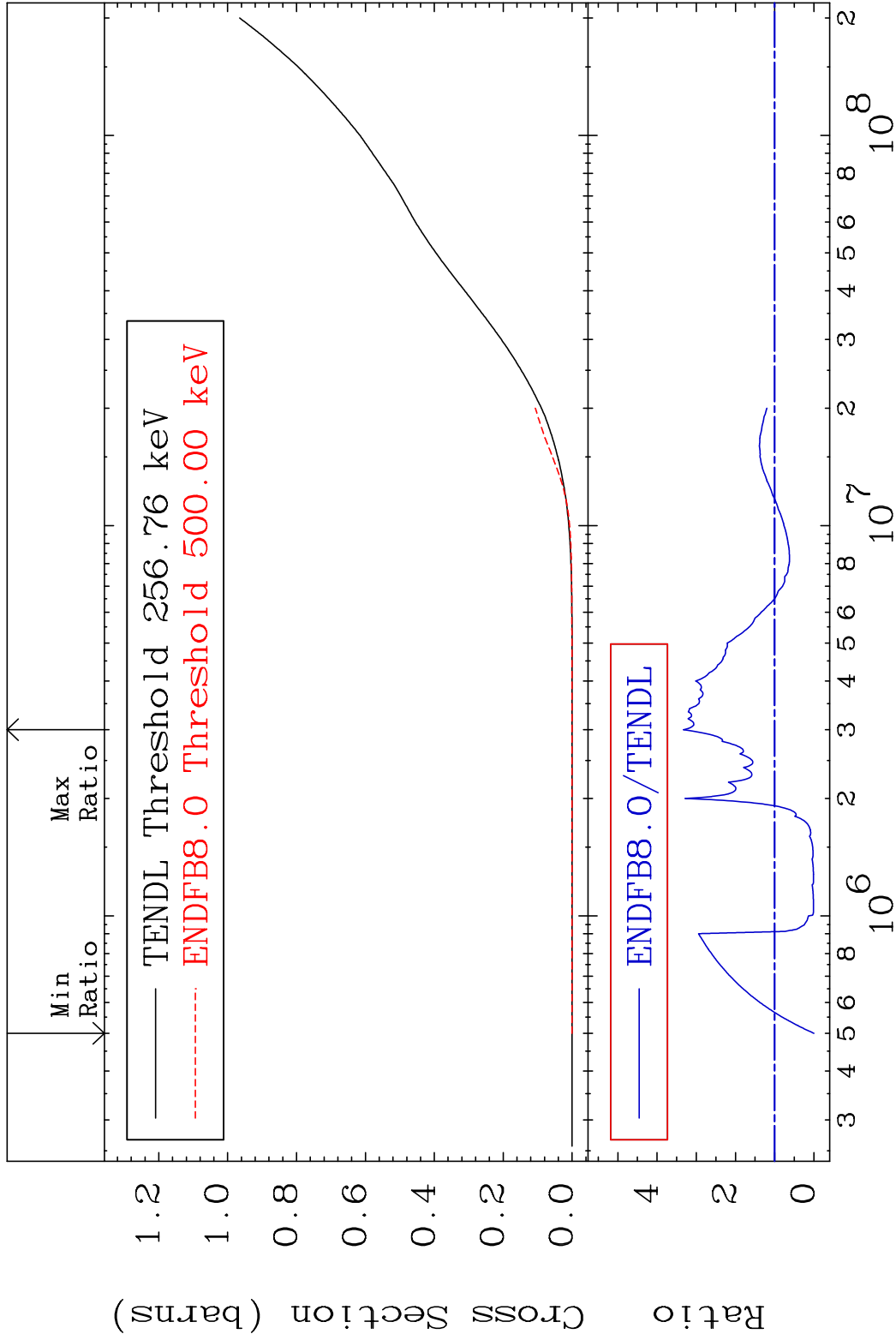


MAT 4840 (n, t) 48-Cd-111  
Cross Section -100.0 To 182.4 %



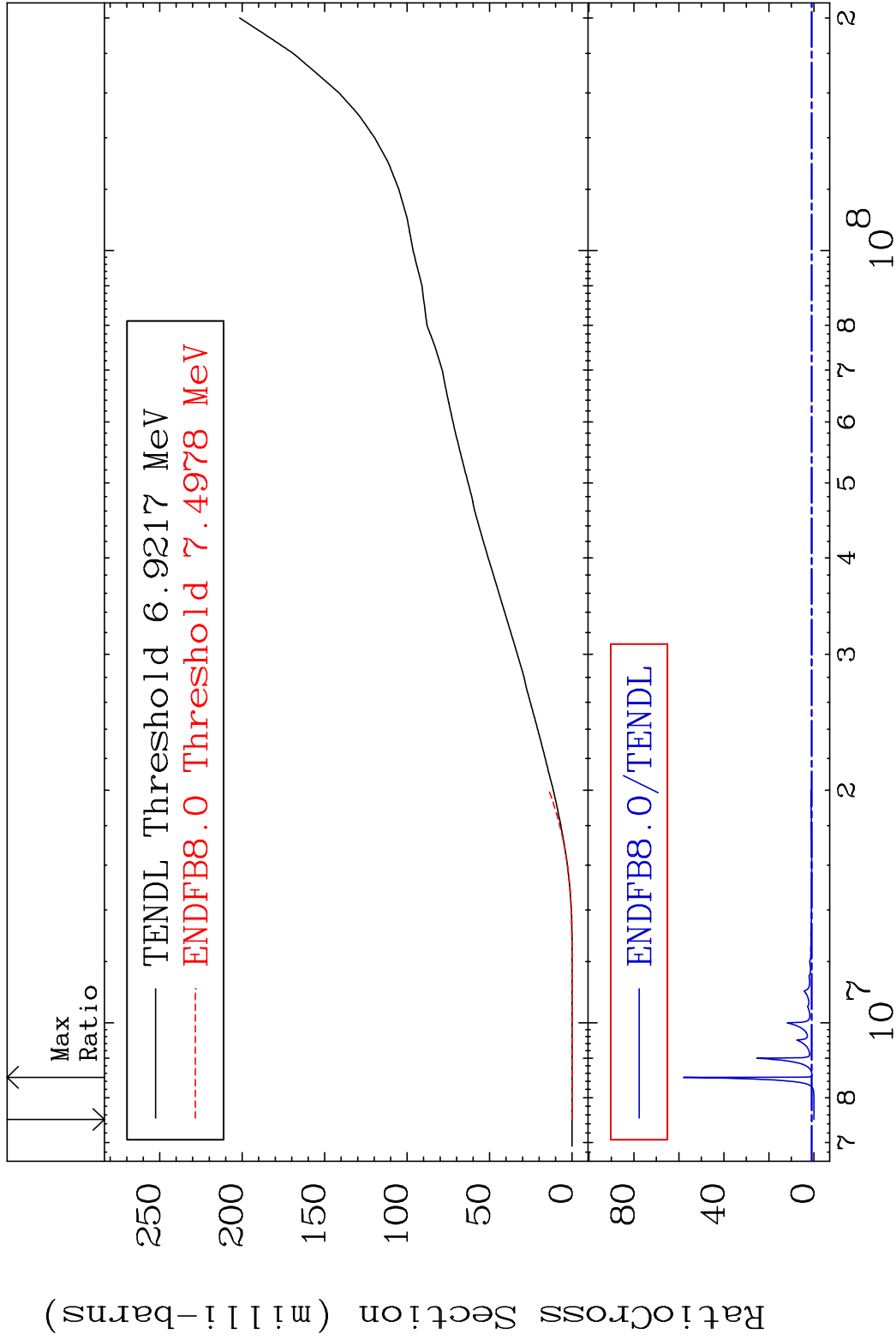


MAT 4840 Hydrogen Production 48-Cd-111  
 Cross Section -100.0 To 232.7 %

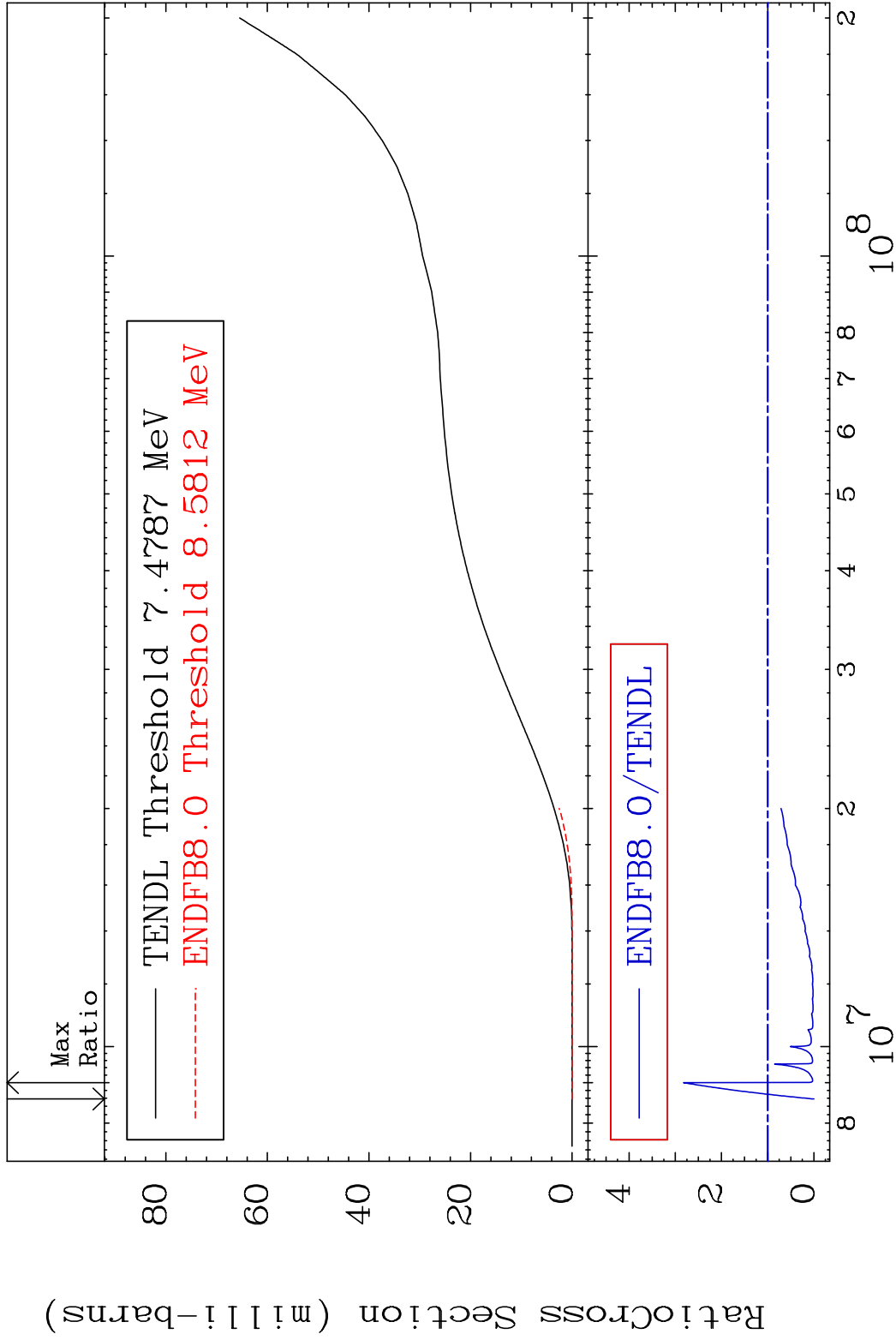


26 Incident Energy (eV) 48-Cd-111

MAT 4840 Deuterium Production 48-Cd-111  
Cross Section -100.0 To 5697. %

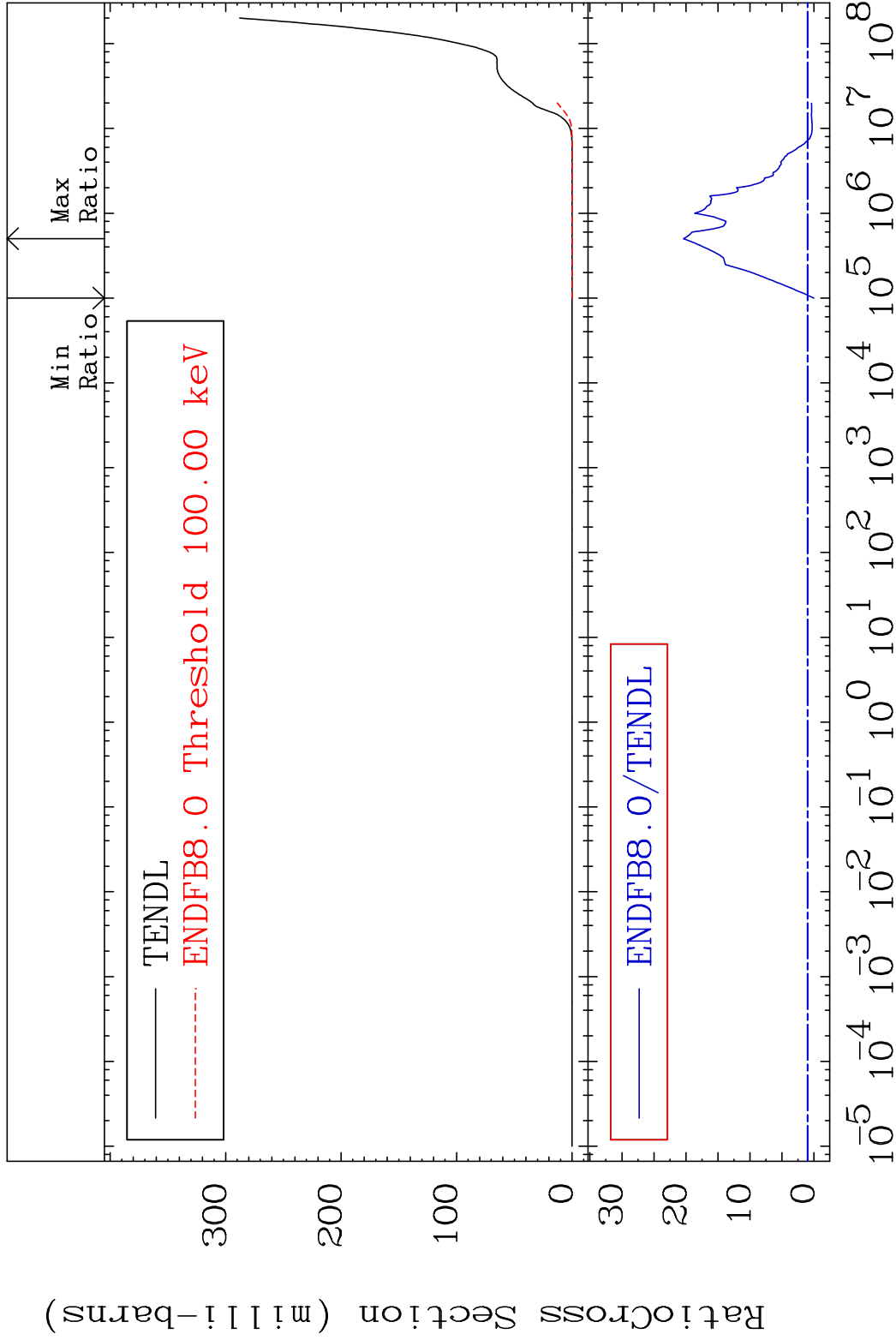


MAT 4840 Tritium Production 48-Cd-111  
 Cross Section -100.0 To 182.4 %



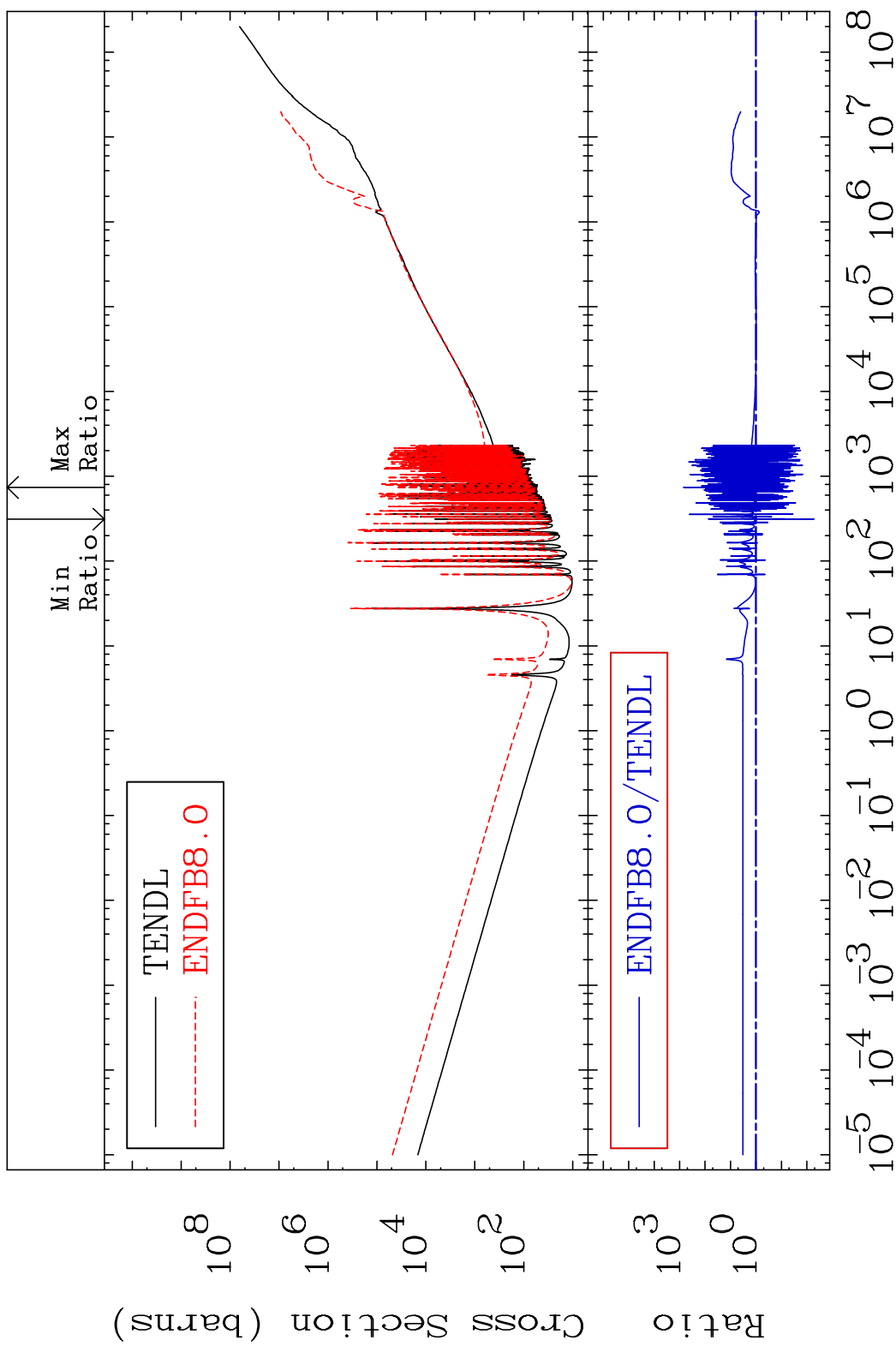
28 Incident Energy (eV) 48-Cd-111

MAT 4840 He-4 Production 48-Cd-111  
 Cross Section -100.0 To 1938. %

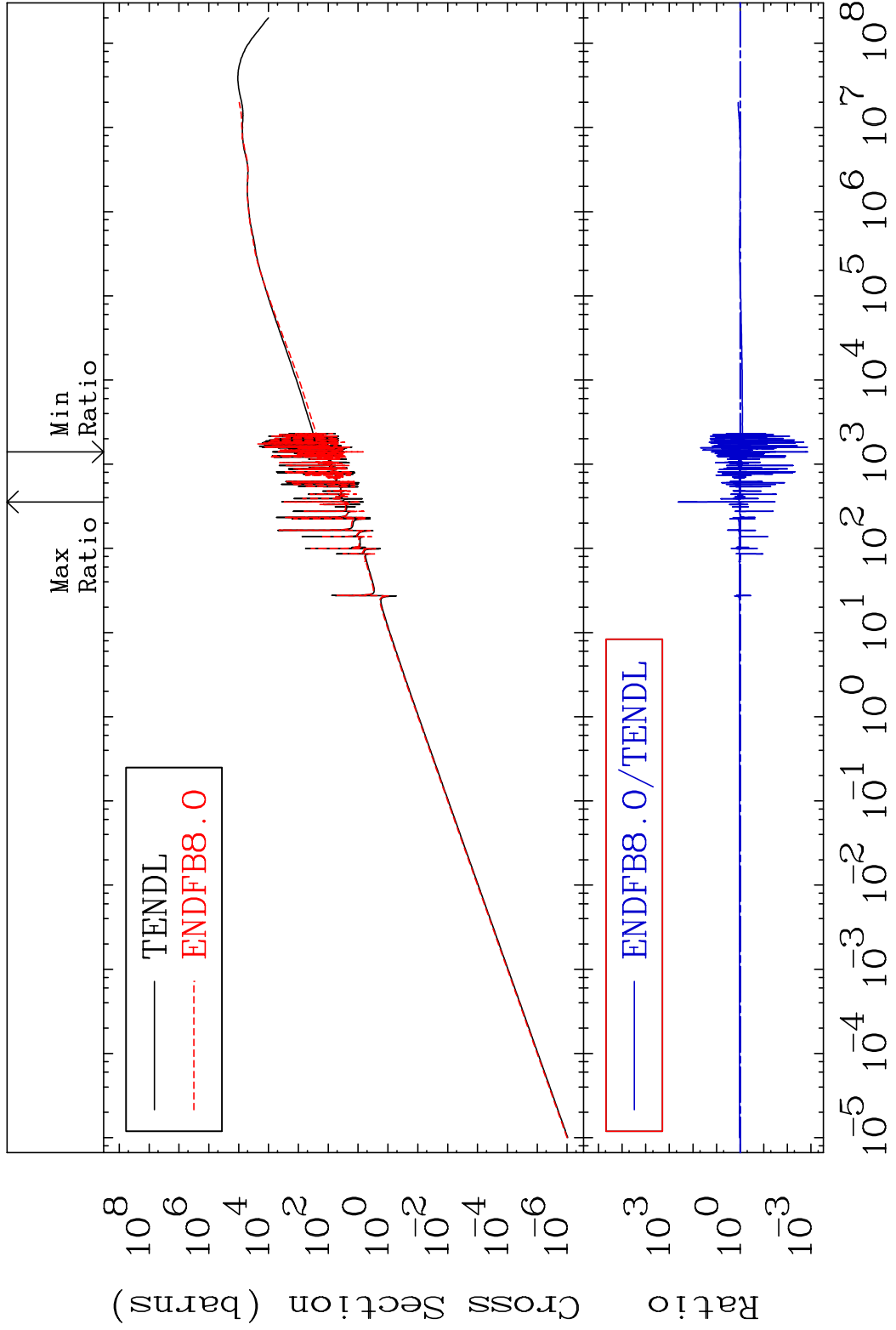


29 Incident Energy (eV) 48-Cd-111

MAT 4840 Kerma total (eV-barns) 48-Cd-111  
 Cross Section -99.47 To 9999. %

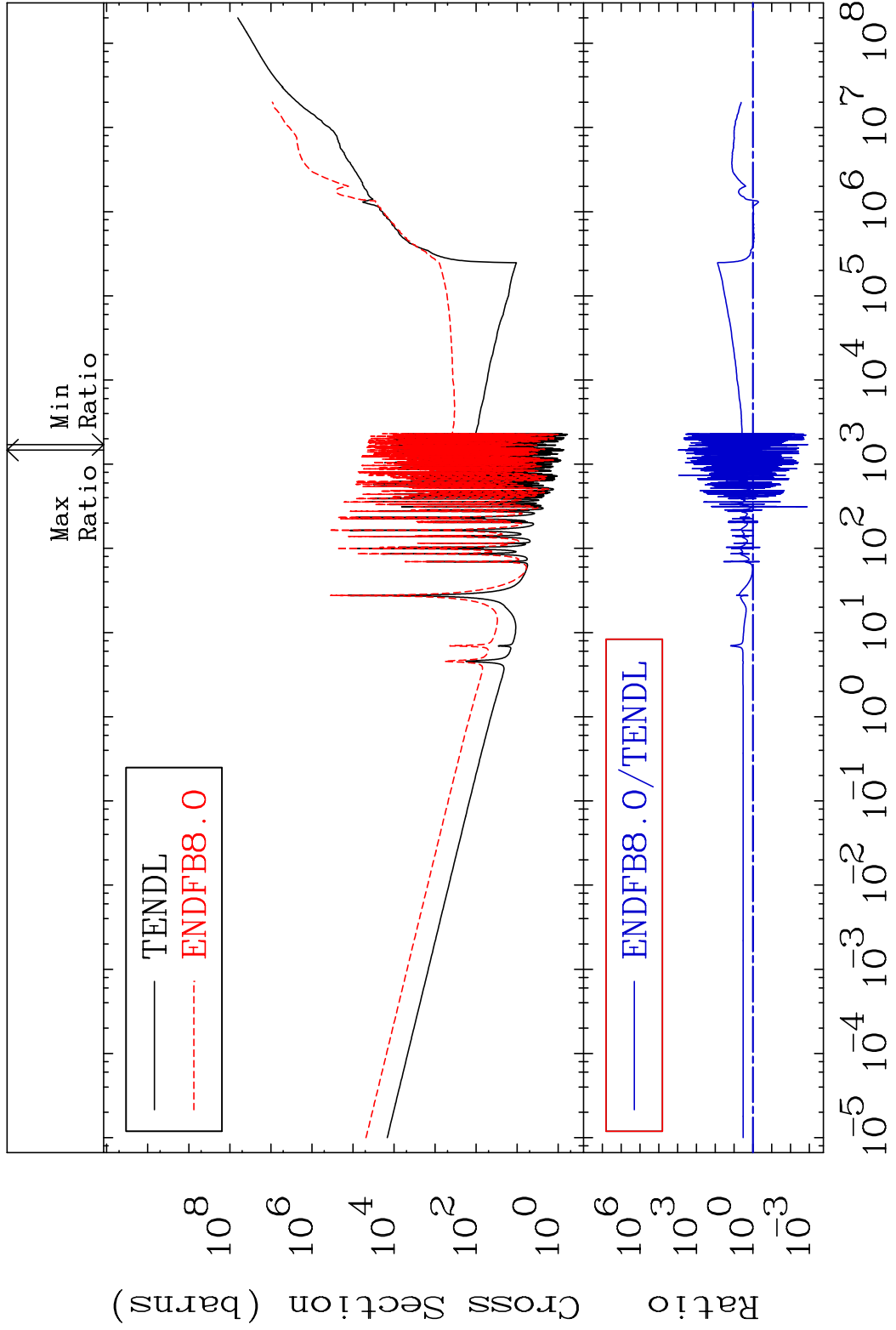


MAT 4840 Kerma elastic 48-Cd-111  
 Cross Section -99.86 To 9999. %



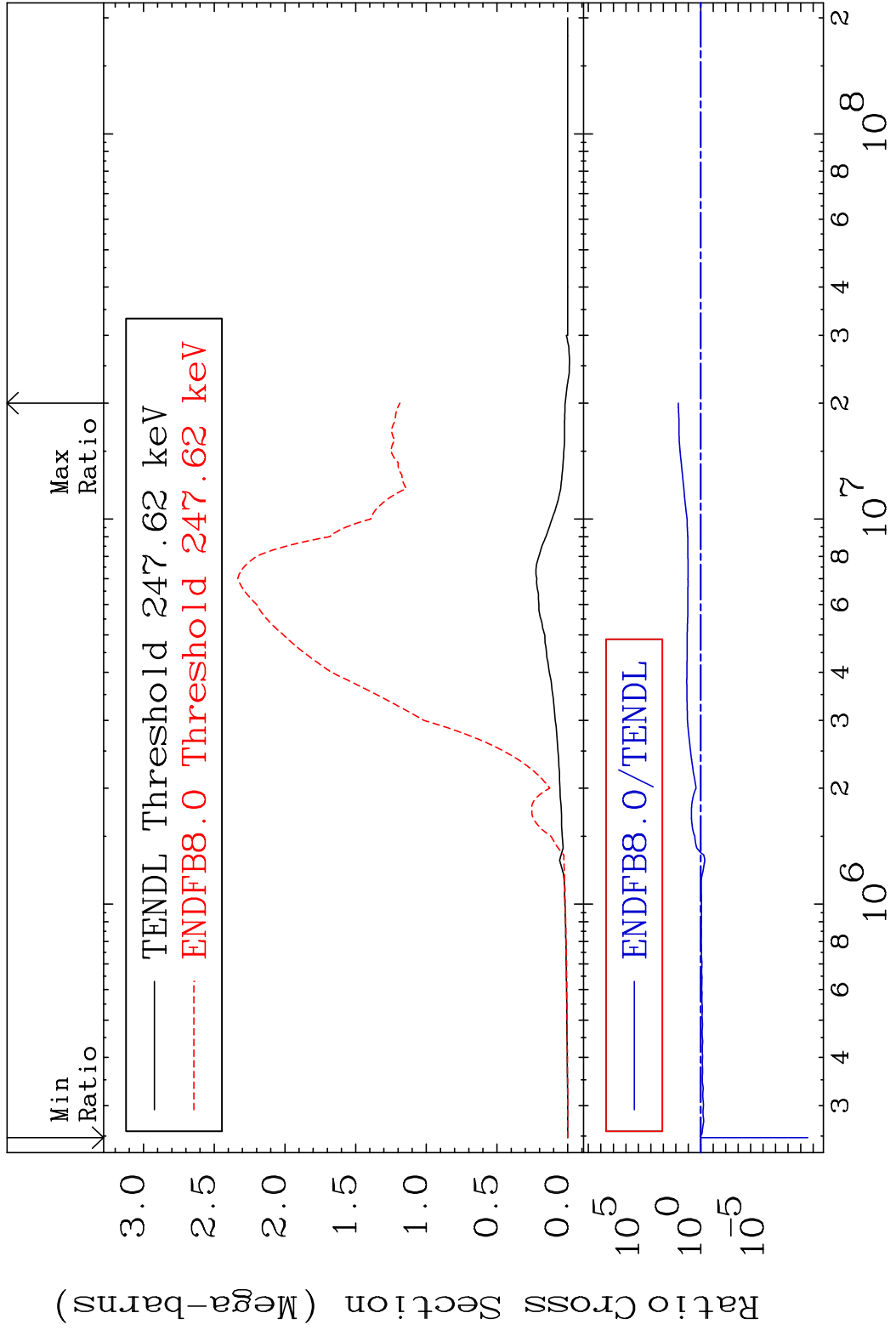


MAT 4840 Kerma non-elastic (all but mt2) 48-Cd-111  
 Cross Section -99.88 To 9999. %

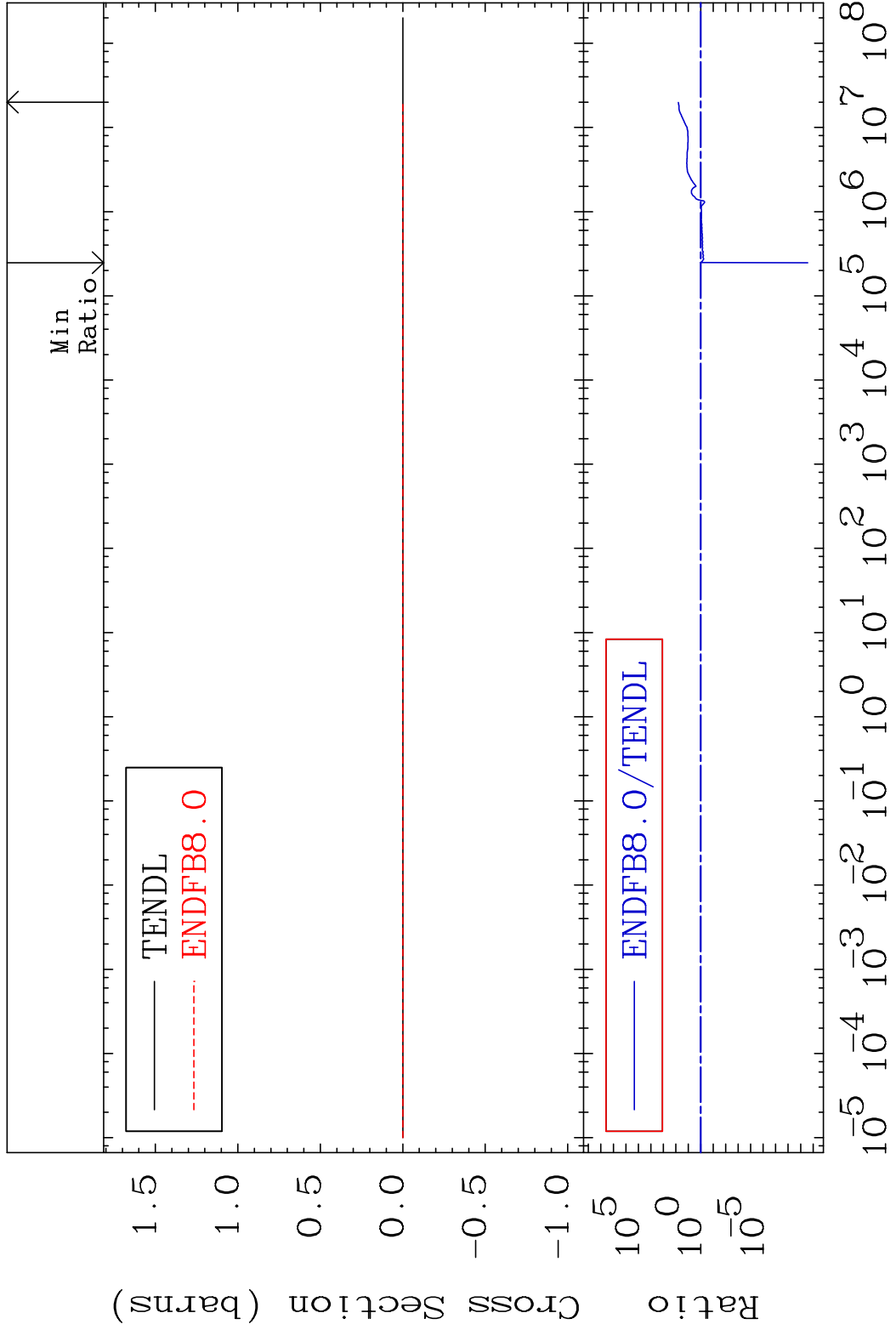


32 Incident Energy (eV) 48-Cd-111

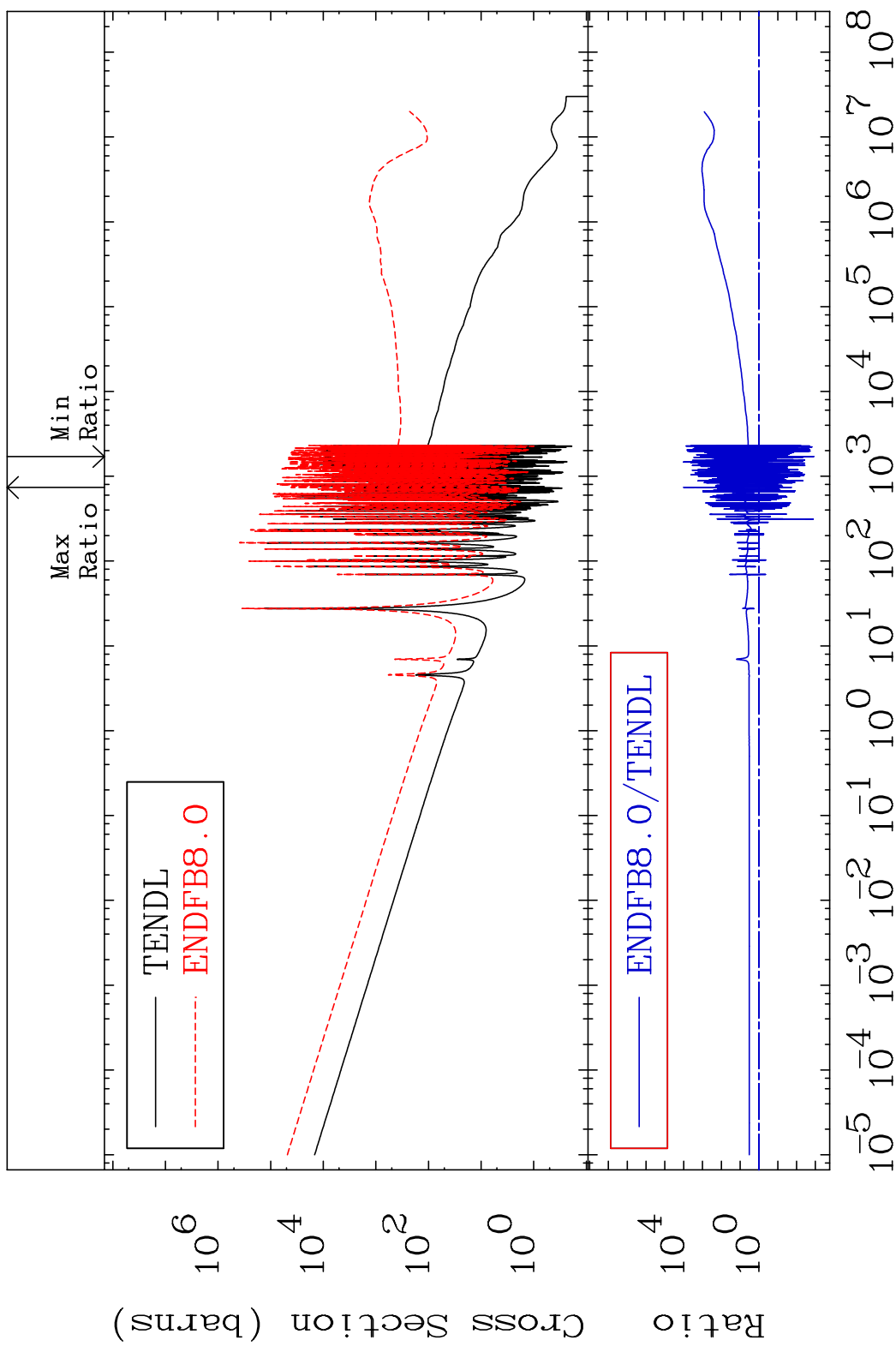
MAT 4840 Kerma inelastic (mt51-91) 48-Cd-111  
 Cross Section -100.0 To 6212. %



MAT 4840 Kerma fission (mt18 or mt19-20-21-38) 48-Cd-111  
 Cross Section -100.0 To 6212. %

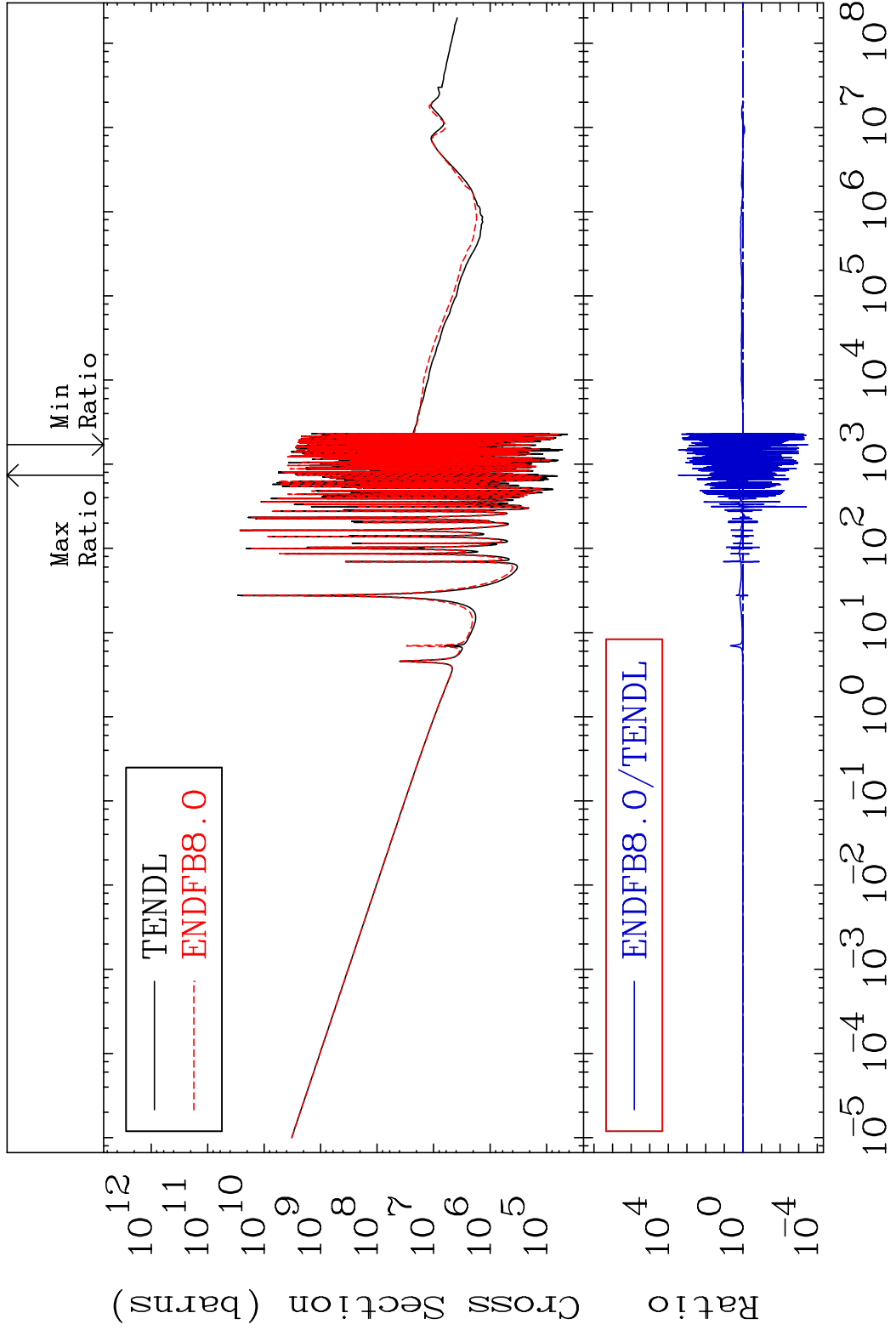


MAT 4840 Kerma capture (mt102) 48-Cd-111  
 Cross Section -99.88 To 9999. %

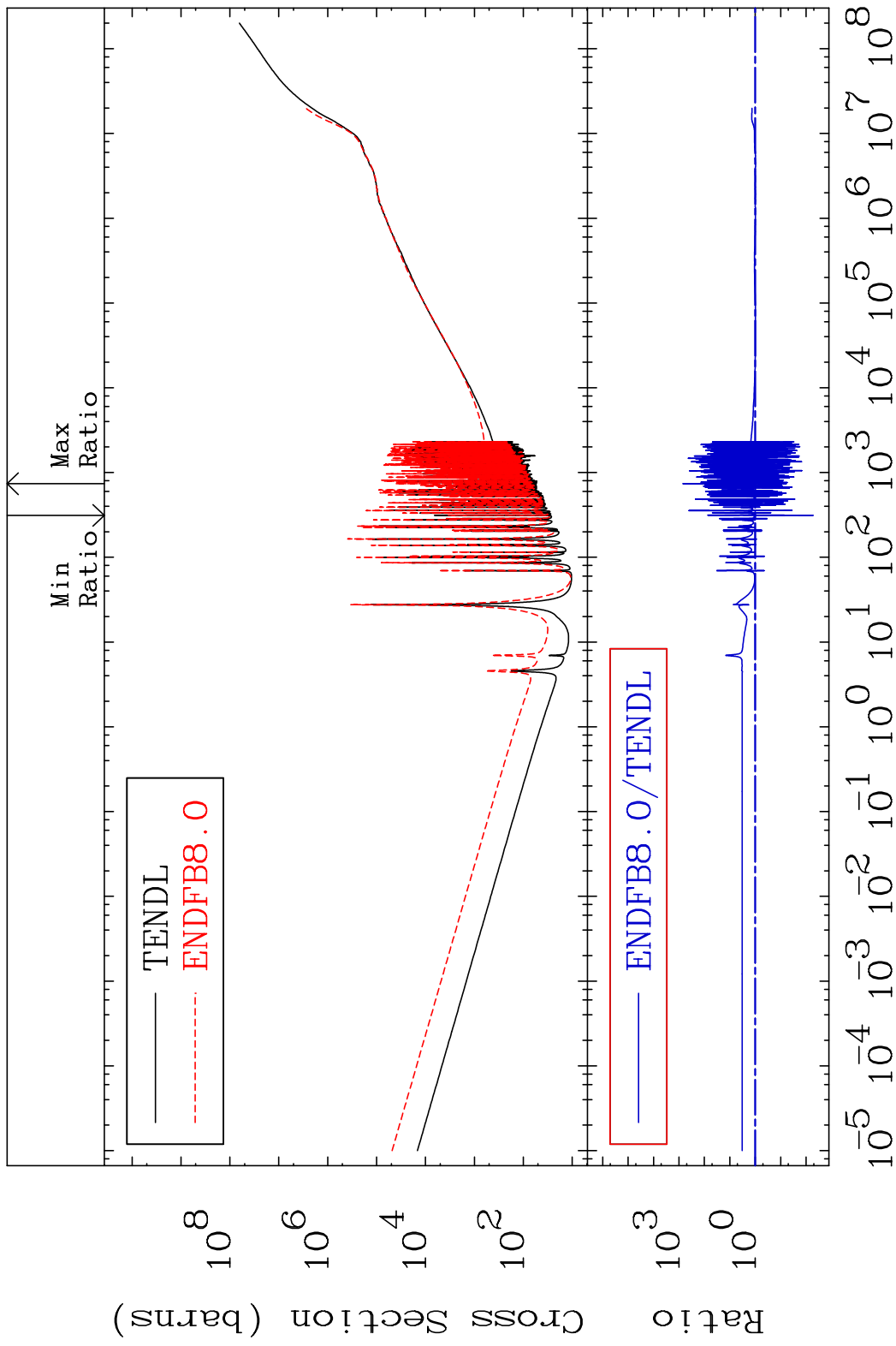


35 Incident Energy (eV) 48-Cd-111

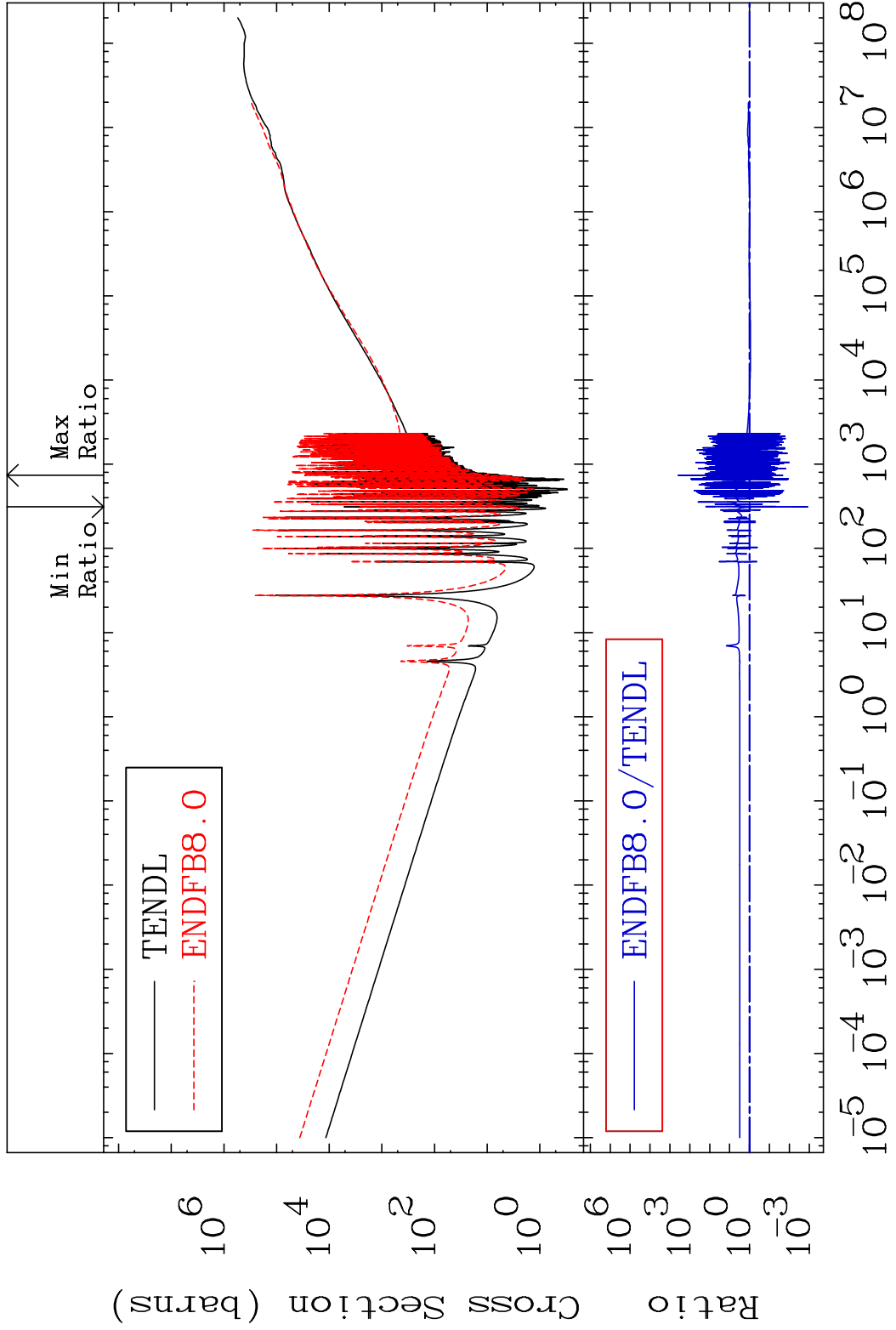
MAT 4840 Total photon (eV-barns) 48-Cd-111  
Cross Section -99.97 To 9999. %



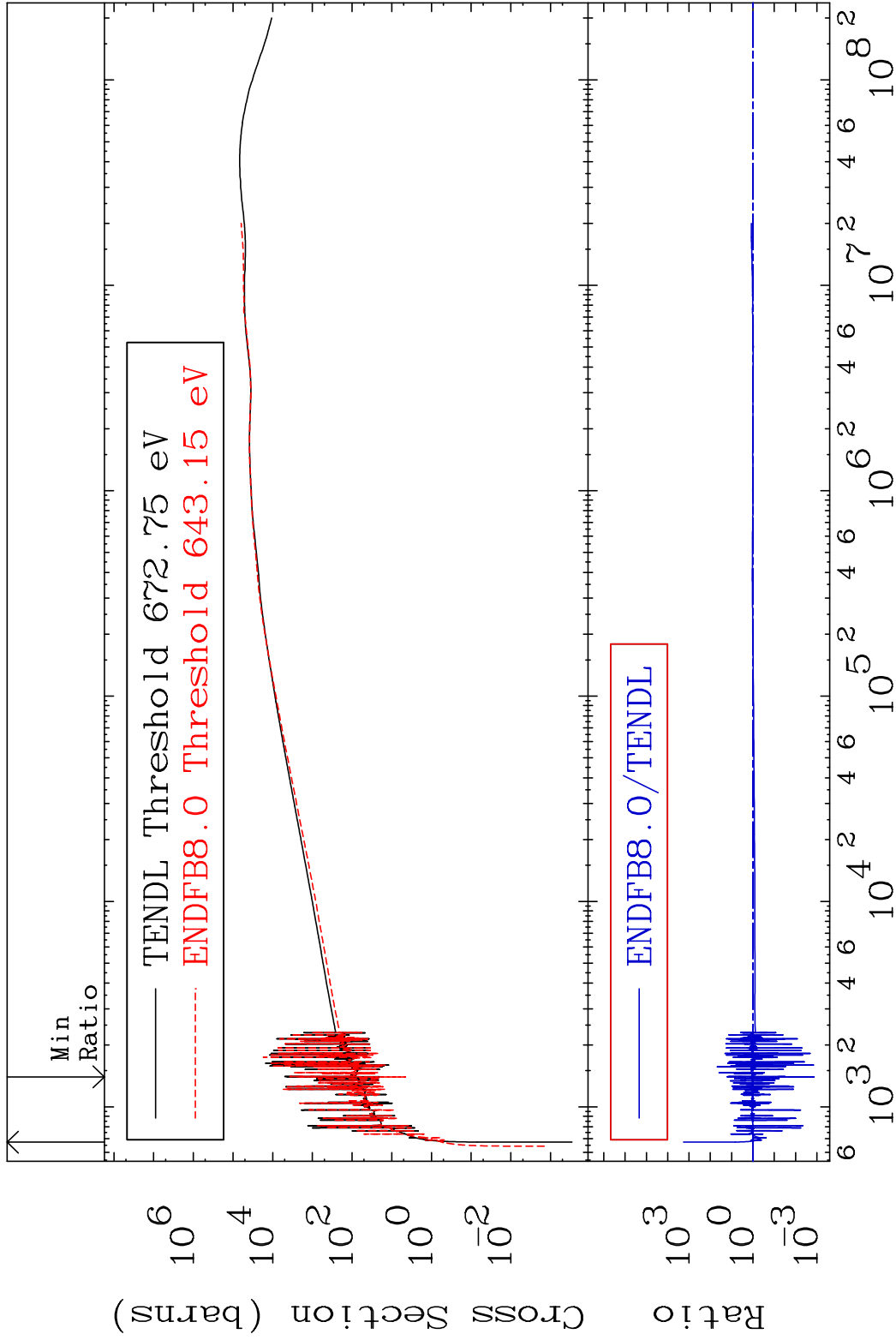
MAT 4840 Total kinematic kerma (high limit) 48-Cd-111  
 Cross Section -99.47 To 9999. %



MAT 4840 Dpa total (eV-barns) 48-Cd-111  
 Cross Section -99.88 To 9999. %



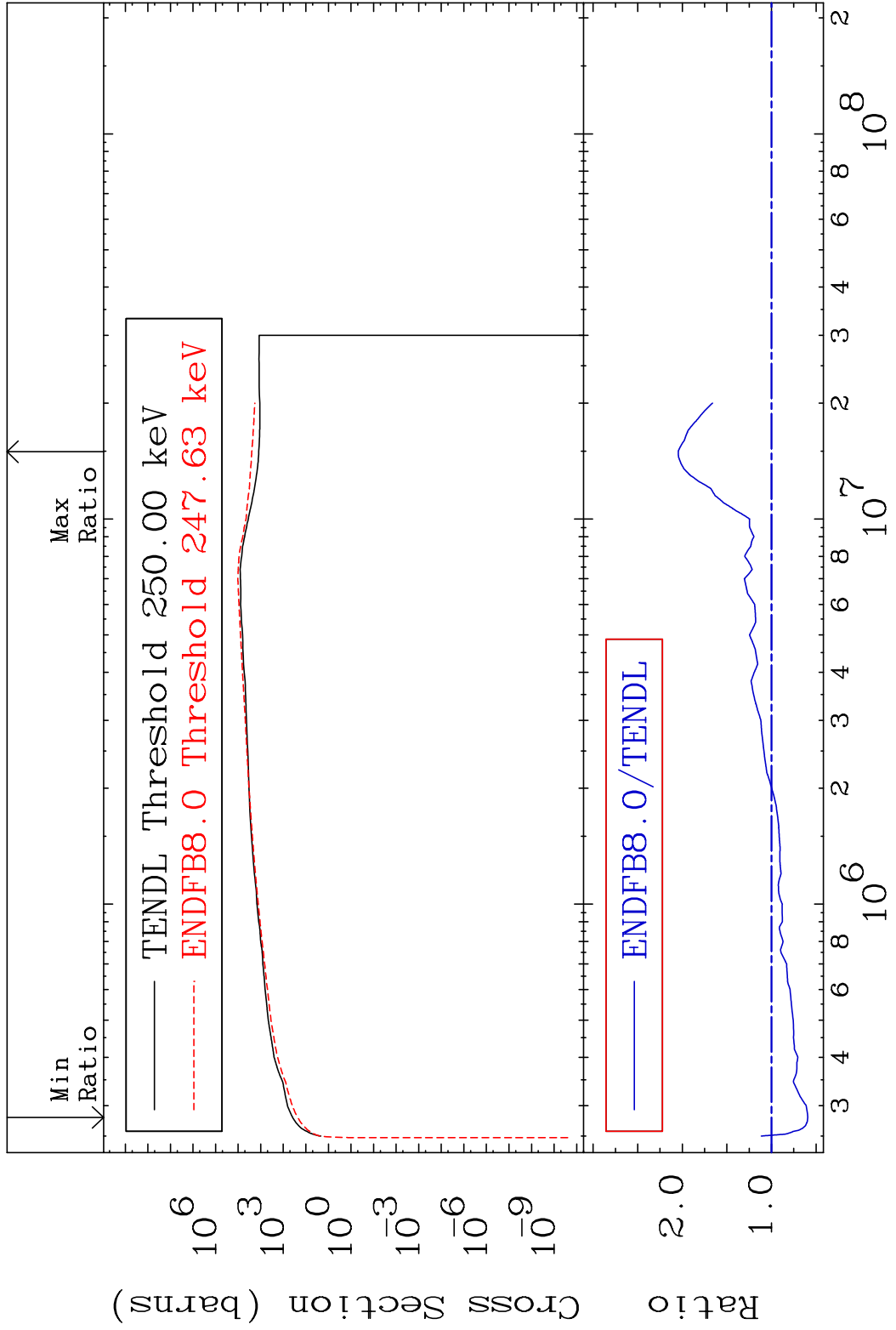
MAT 4840 Dpa elastic (mt2) 48-Cd-111  
 Cross Section -99.86 To 9999. %



39 Incident Energy (eV) 48-Cd-111



MAT 4840 Dpa inelastic (mt51-91) 48-Cd-111  
 Cross Section -40.65 To 104.5 %



40 Incident Energy (eV) 48-Cd-111

MAT 4840 Dpa disappearance (mt102 -120) 48-Cd-111  
 Cross Section -99.90 To 9999. %

