

Program Complot  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

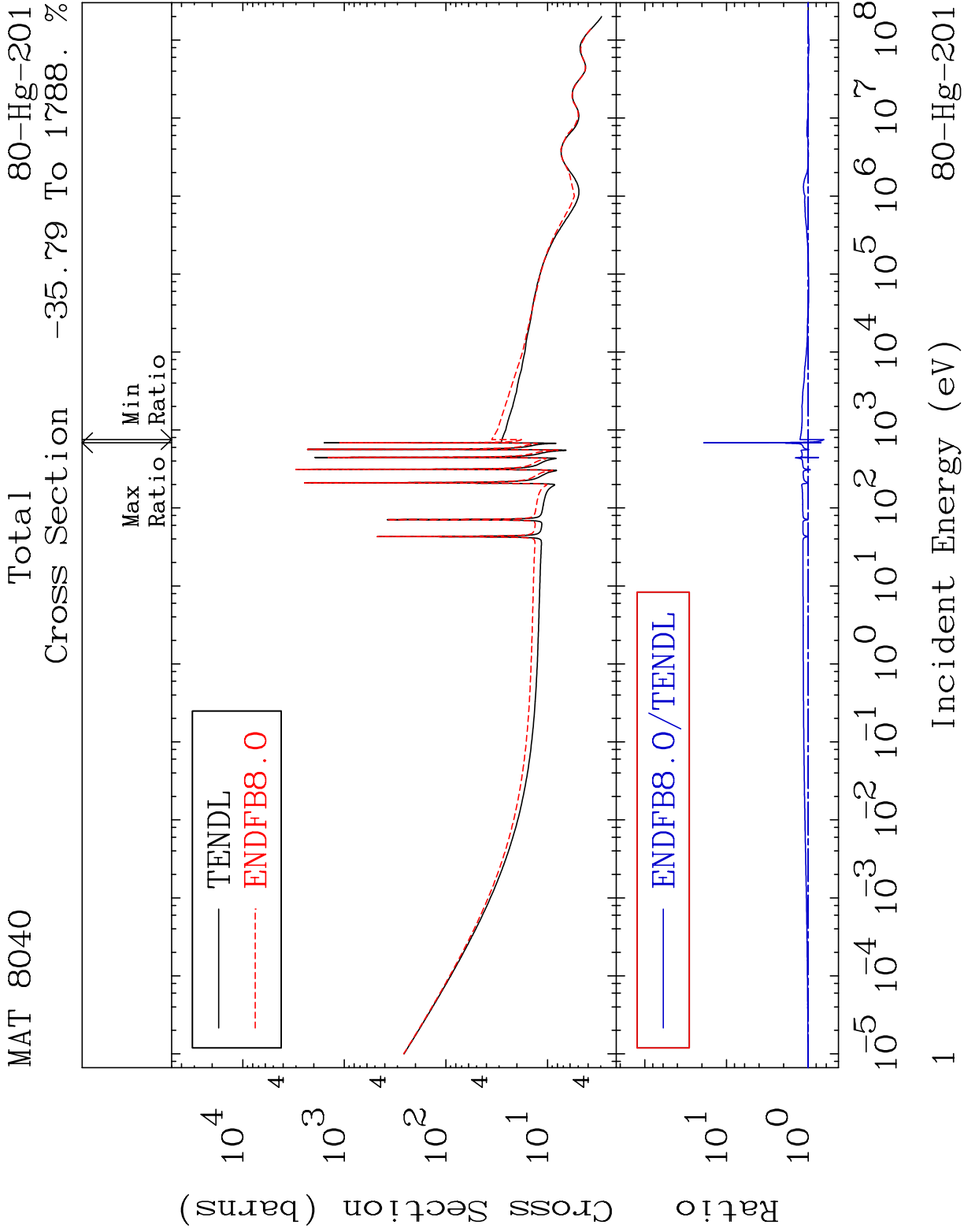
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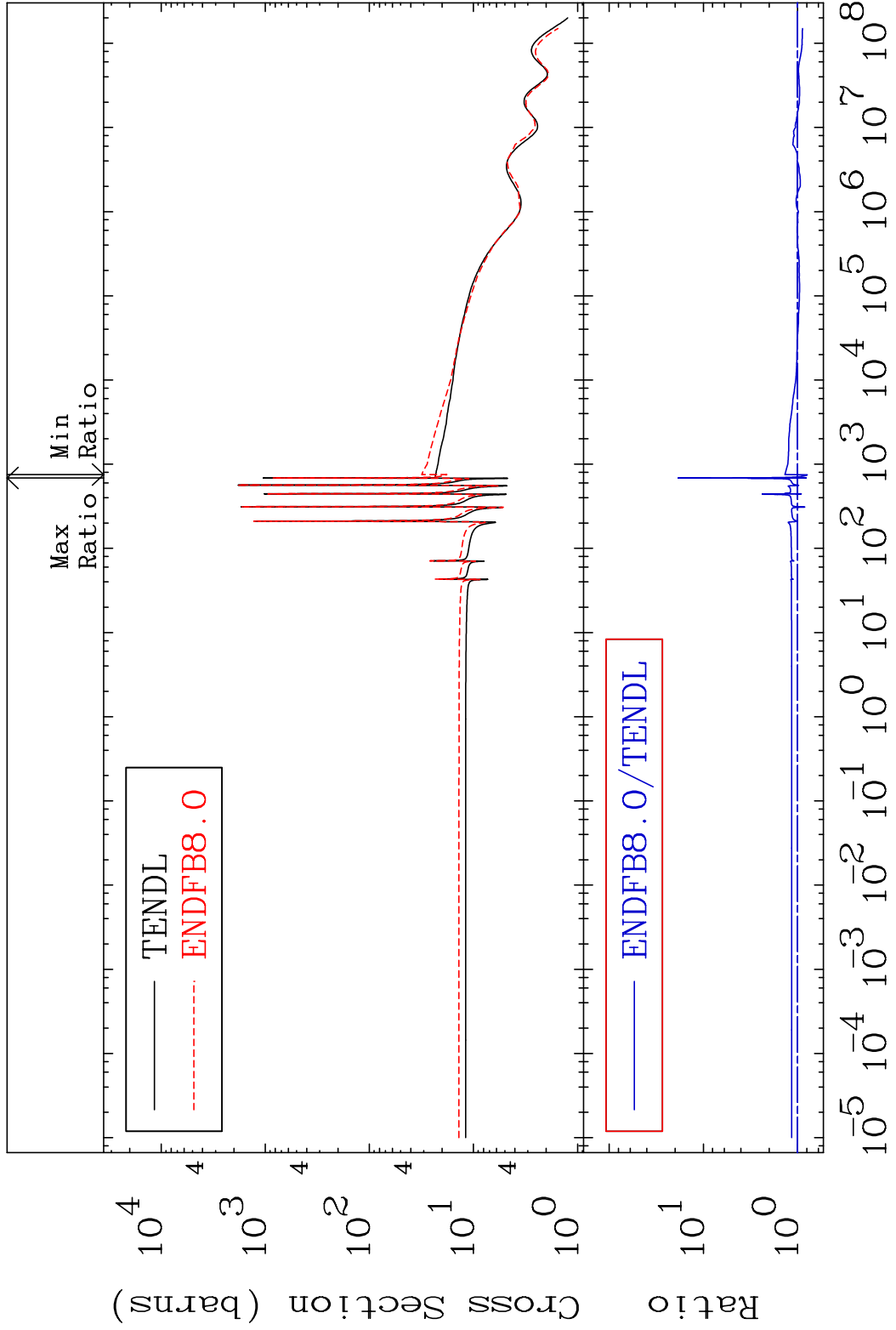
Tele: 925-443-1911

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

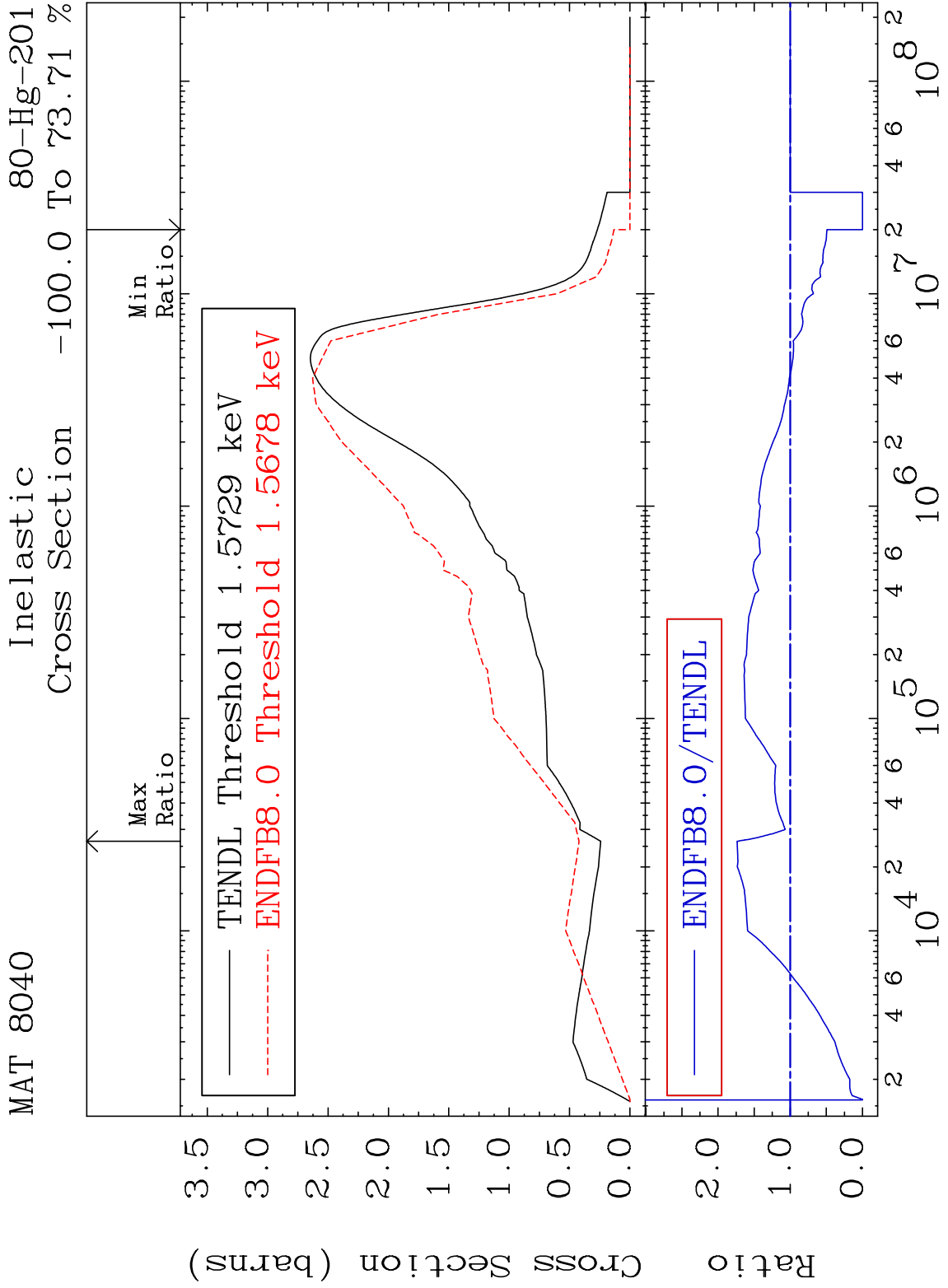
Press Mouse Button to Start



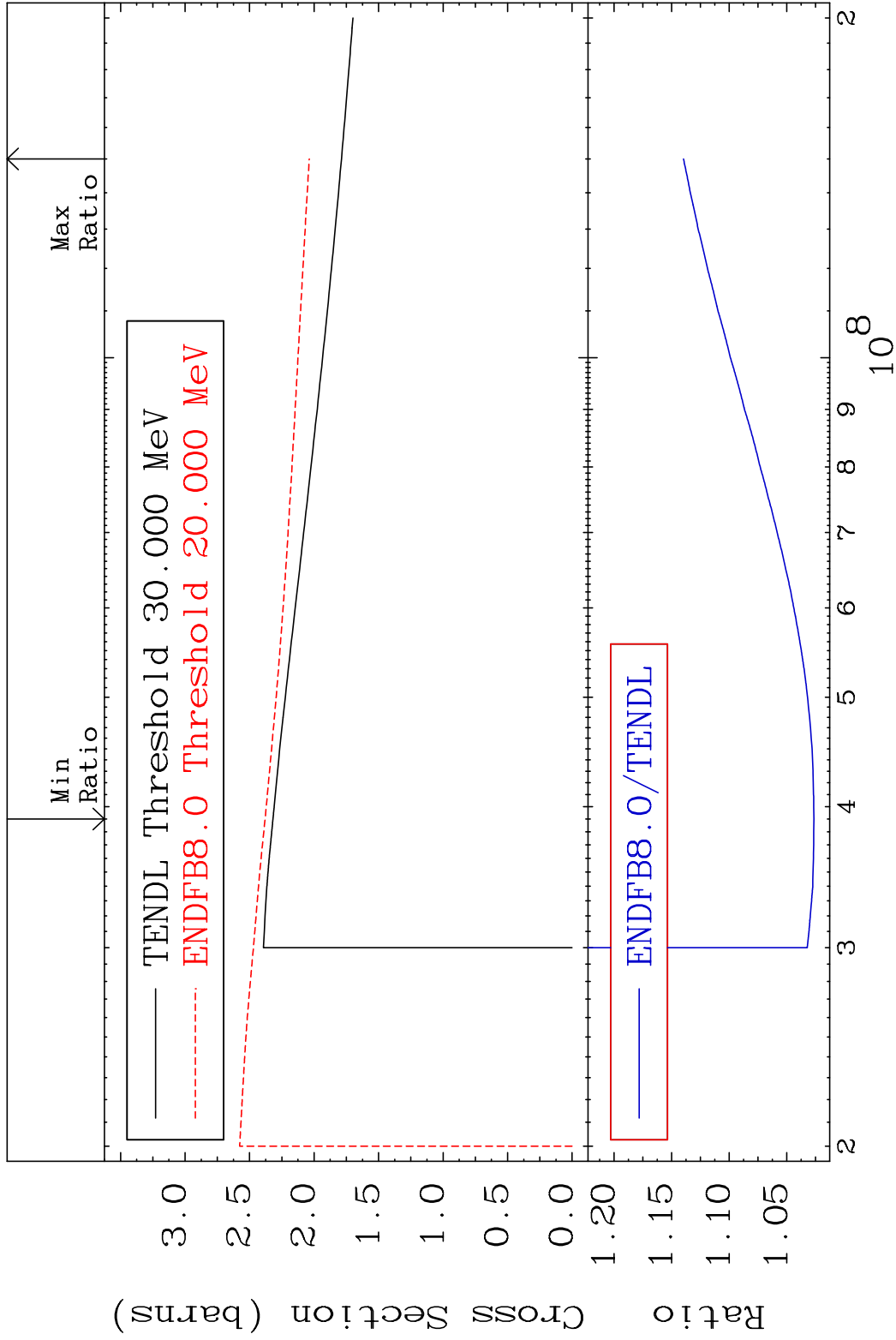
MAT 8040                      Elastic                      80-Hg-201  
 Cross Section                      -21.84 To 1751. %



2                      Incident Energy (eV)                      80-Hg-201

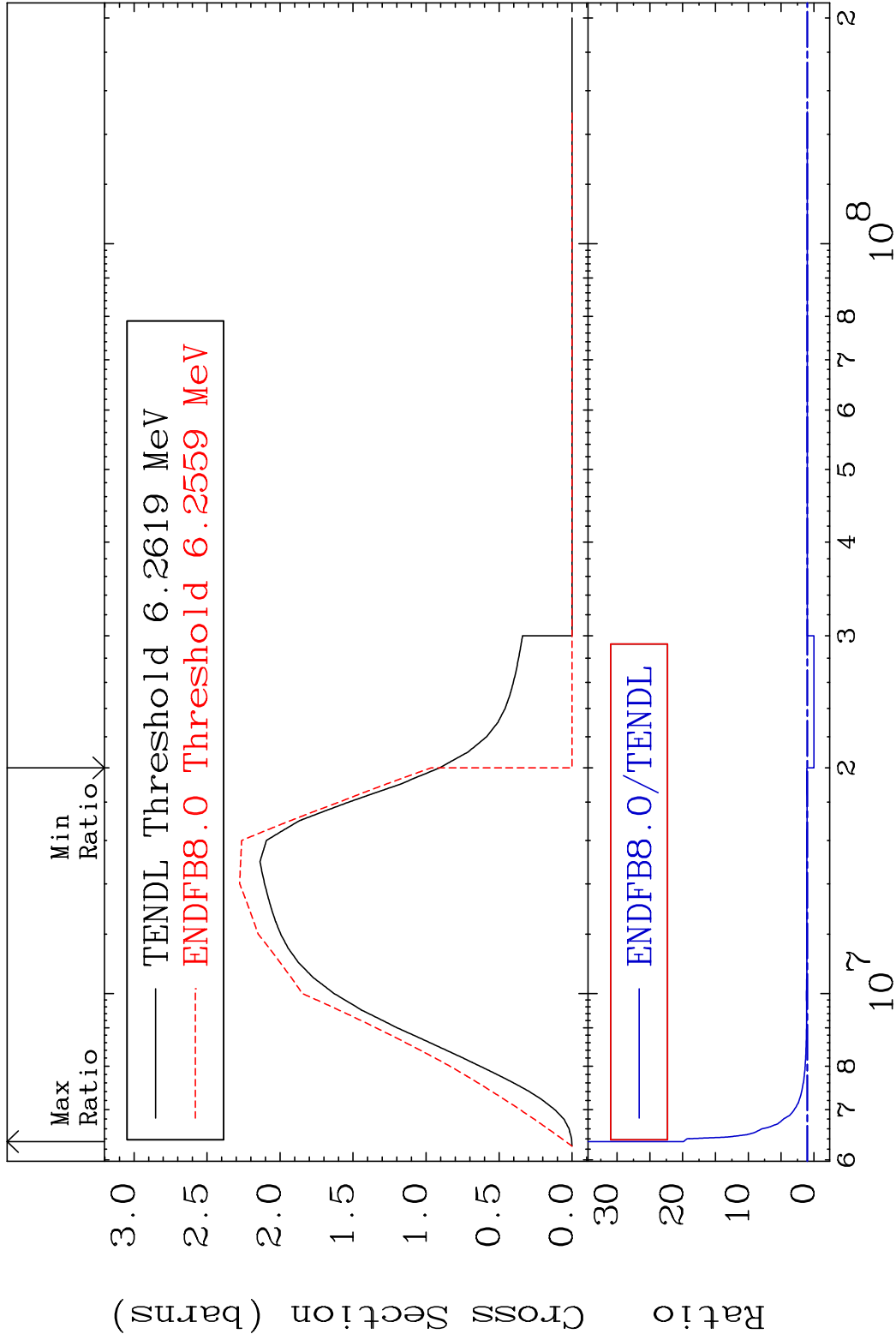


MAT 8040 (n, remainder) 80-Hg-201  
 Cross Section 2.638 To 13.97 %



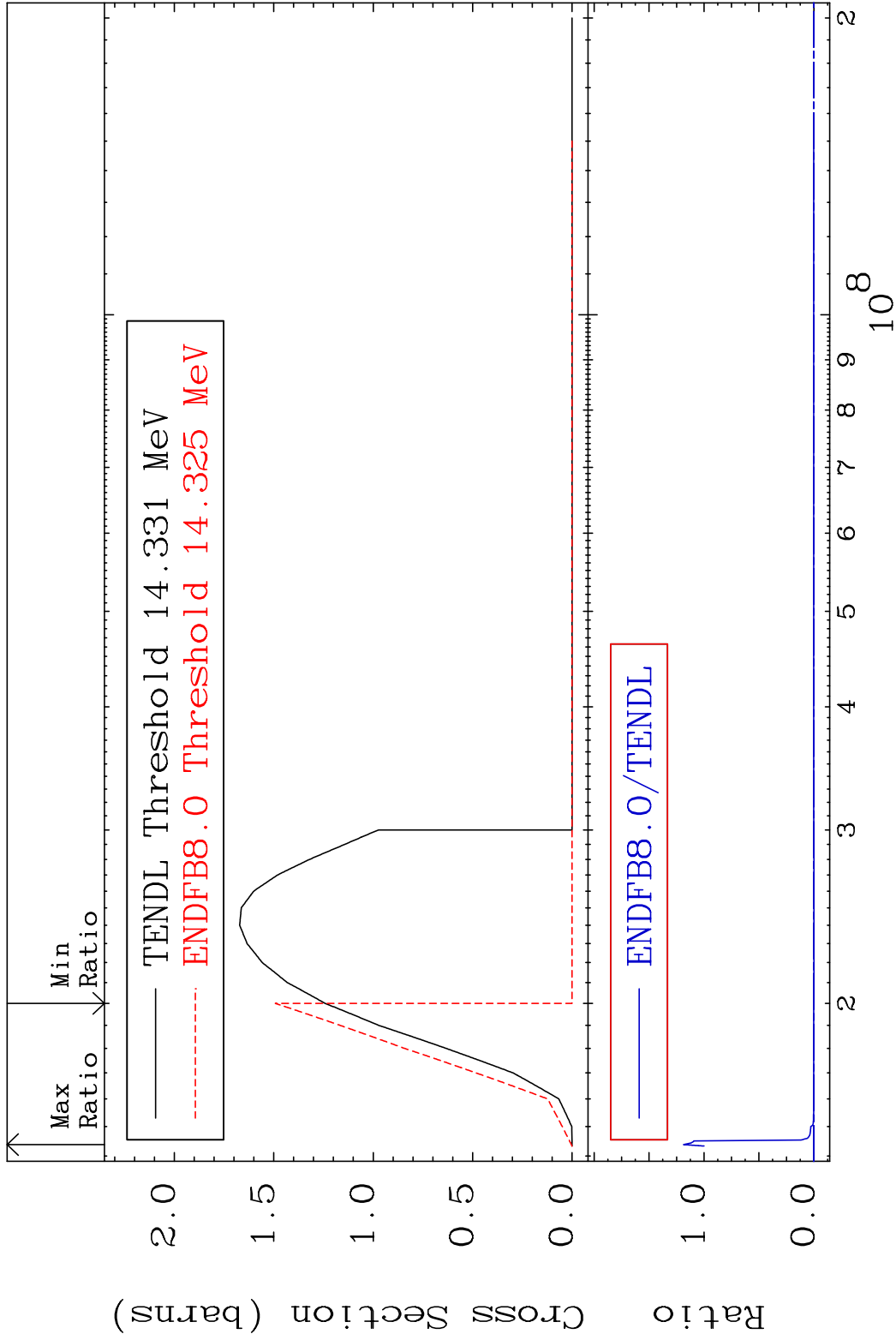
4 Incident Energy (eV) 80-Hg-201

MAT 8040 (n,2n) 80-Hg-201  
 Cross Section -100.0 To 1888. %

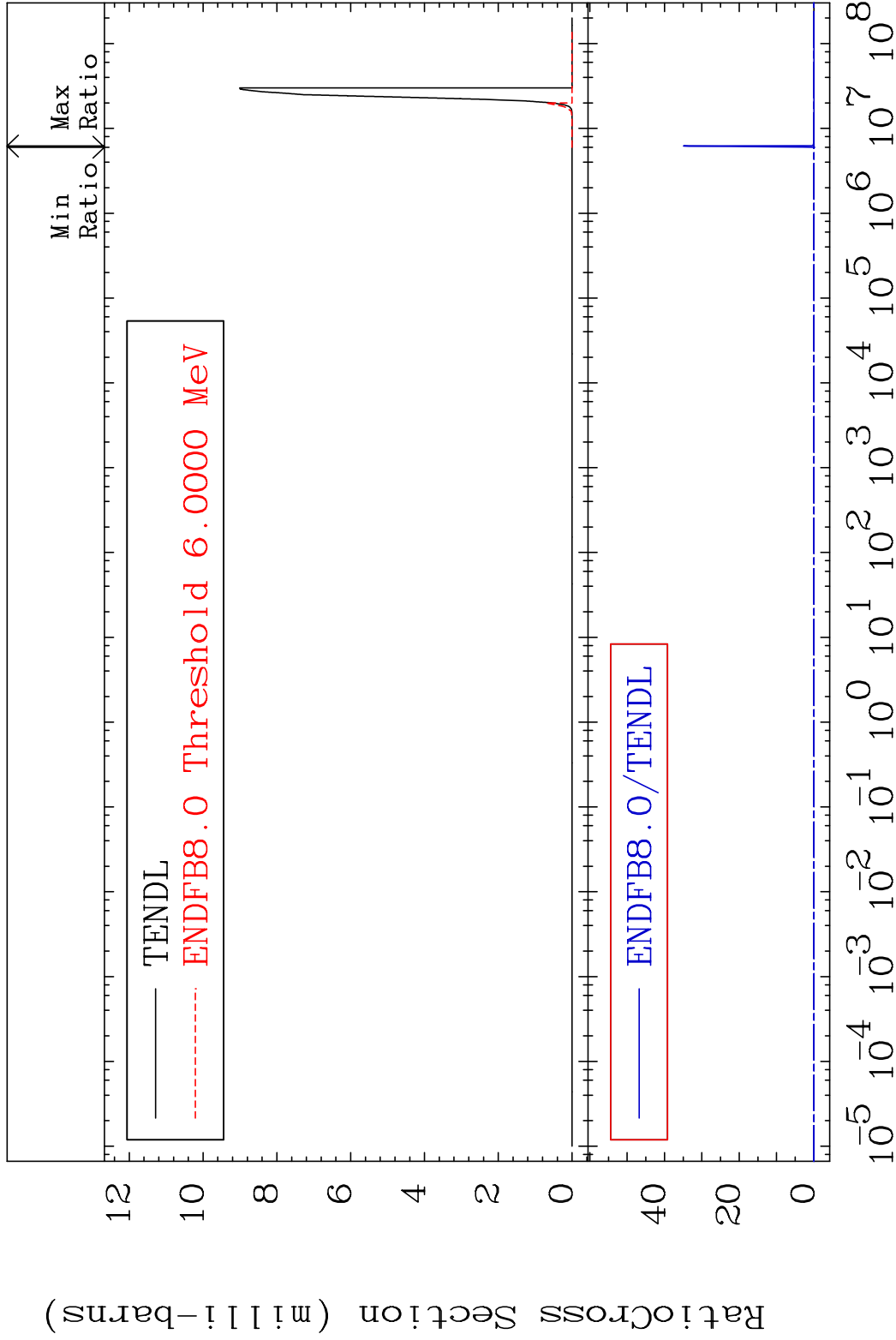


5 Incident Energy (eV) 80-Hg-201

MAT 8040 (n,3n) 80-Hg-201  
 Cross Section -100.0 To 9999. %



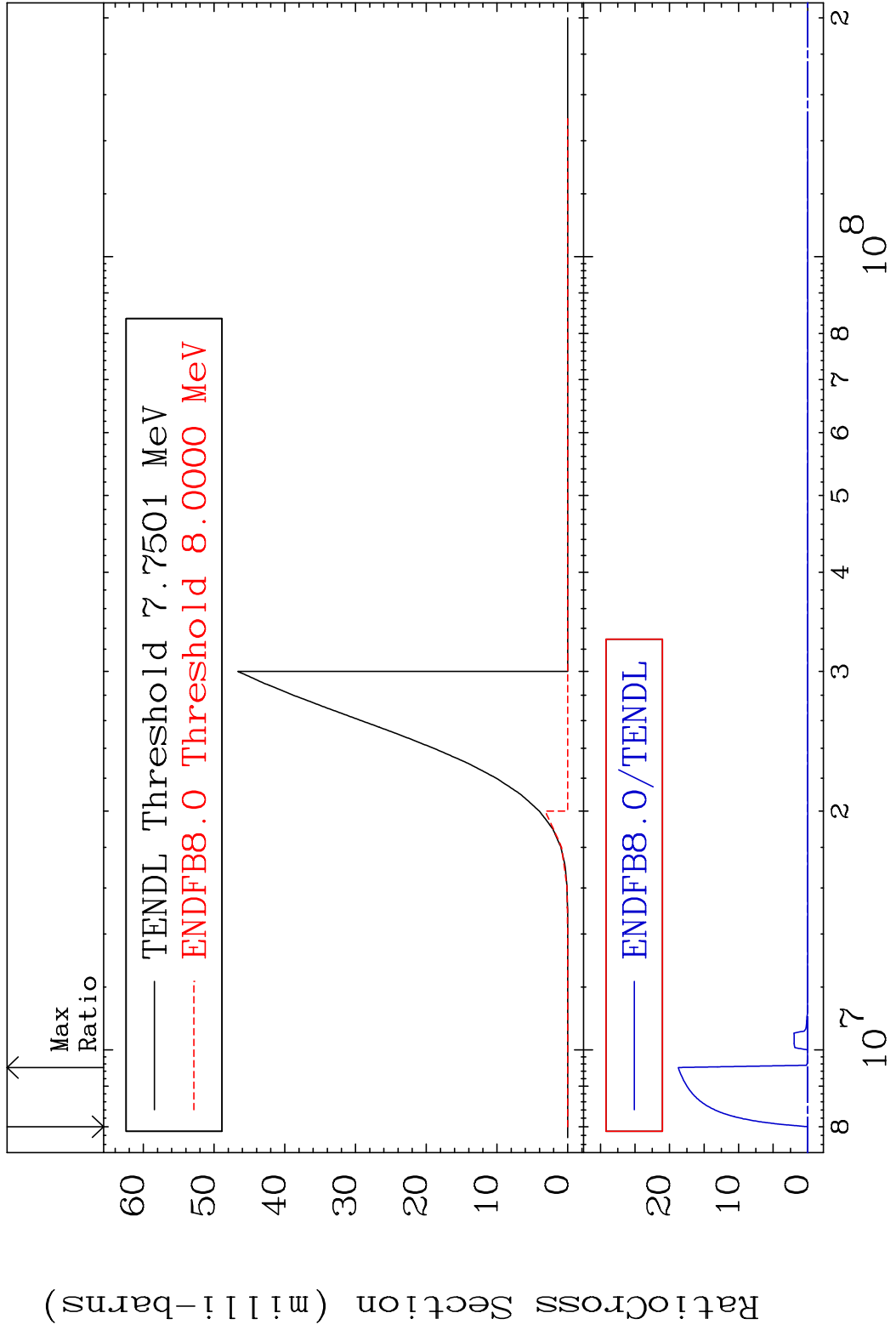
MAT 8040 (n, n')  $\alpha$  80-Hg-201  
 Cross Section -100.0 To 9999. %



7 Incident Energy (eV) 80-Hg-201

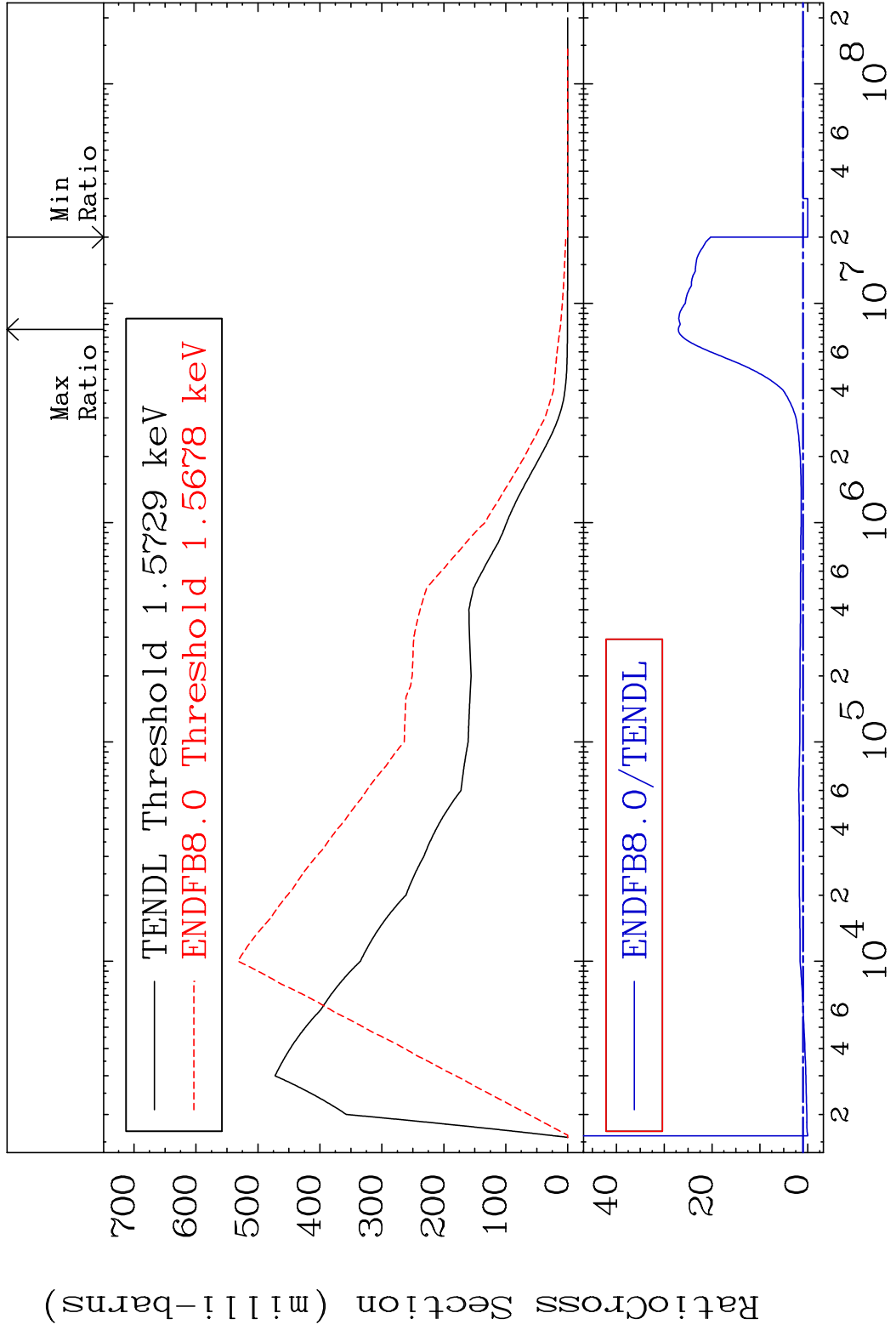


MAT 8040 (n, n') p 80-Hg-201  
 Cross Section -100.0 To 9999. %

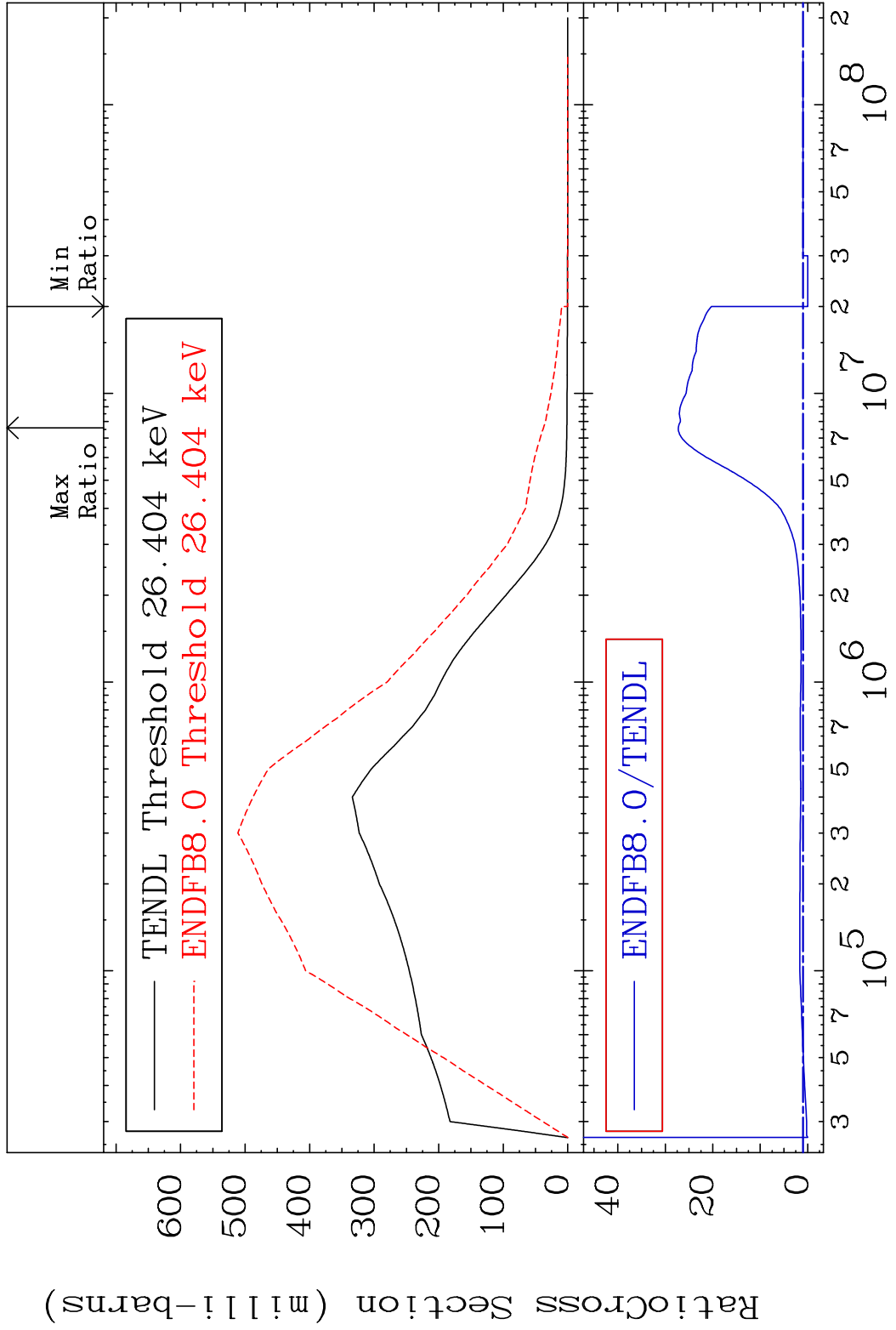


8 80-Hg-201

MAT 8040 MT= 51 (n, n') Level 80-Hg-201  
 Cross Section -100.0 To 2605. %

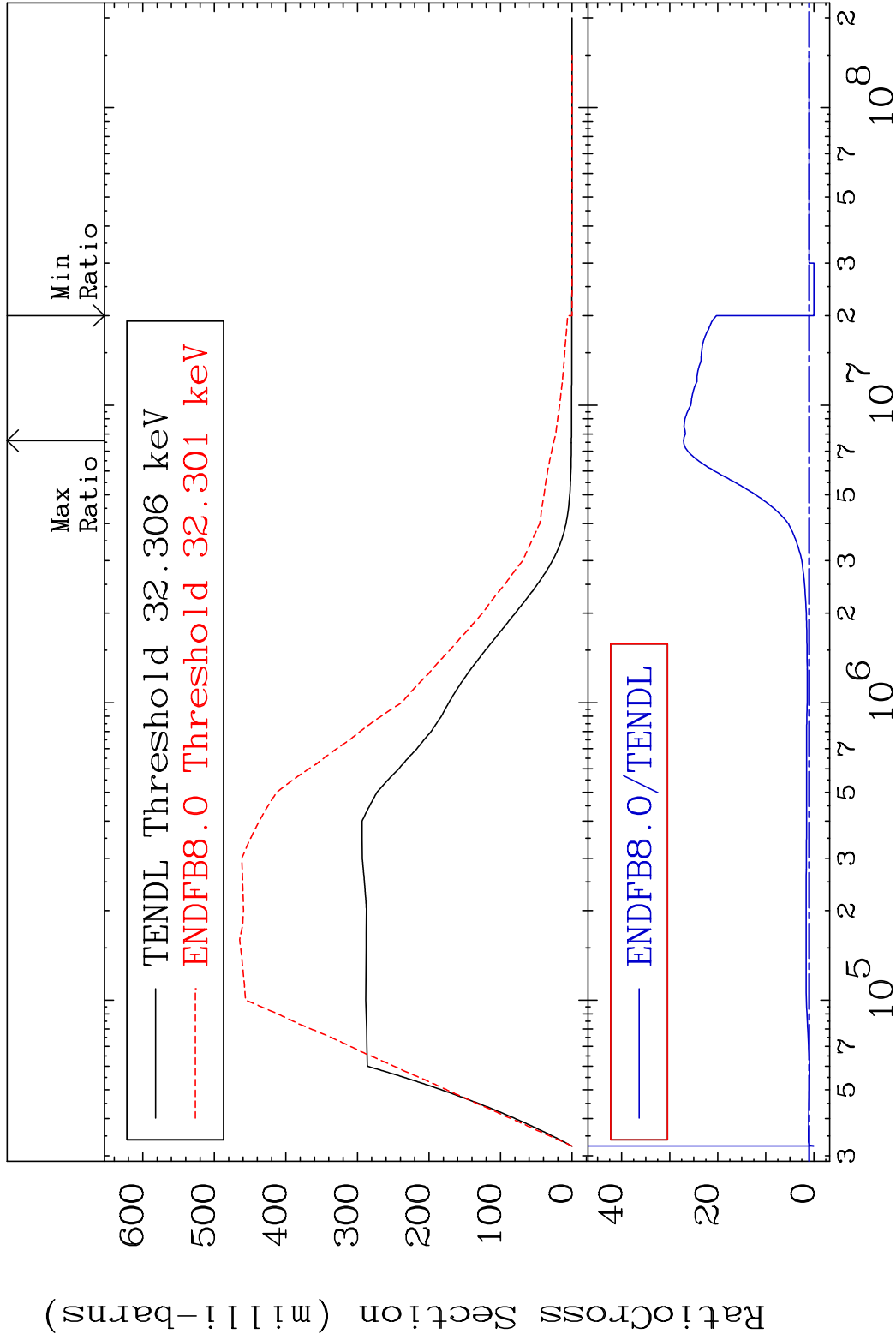


MAT 8040 MT= 52 (n, n') Level 80-Hg-201  
 Cross Section -100.0 To 2626. %



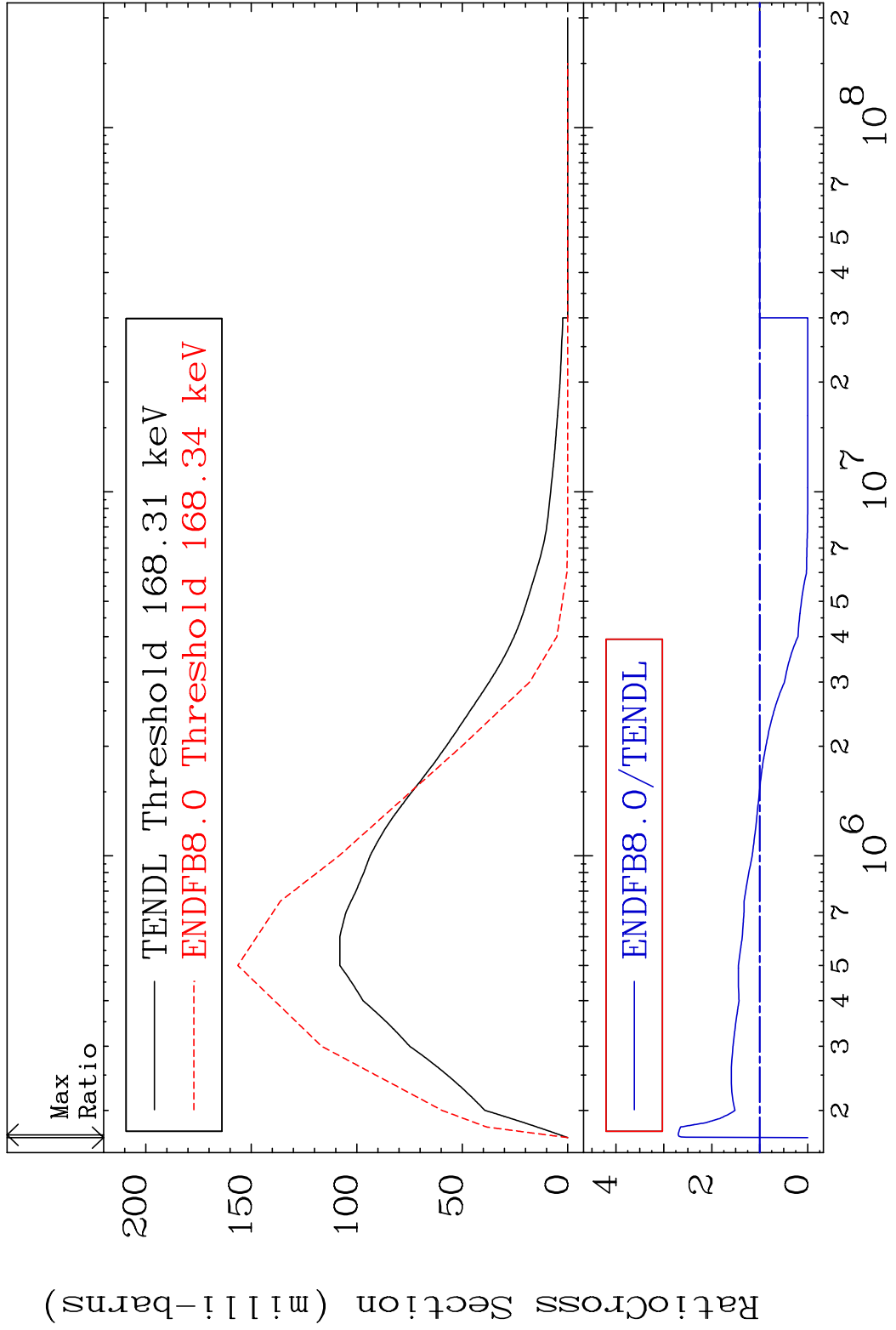
10 Incident Energy (eV) 80-Hg-201

MAT 8040 MT= 53 (n, n') Level 80-Hg-201  
 Cross Section -100.0 To 2614. %



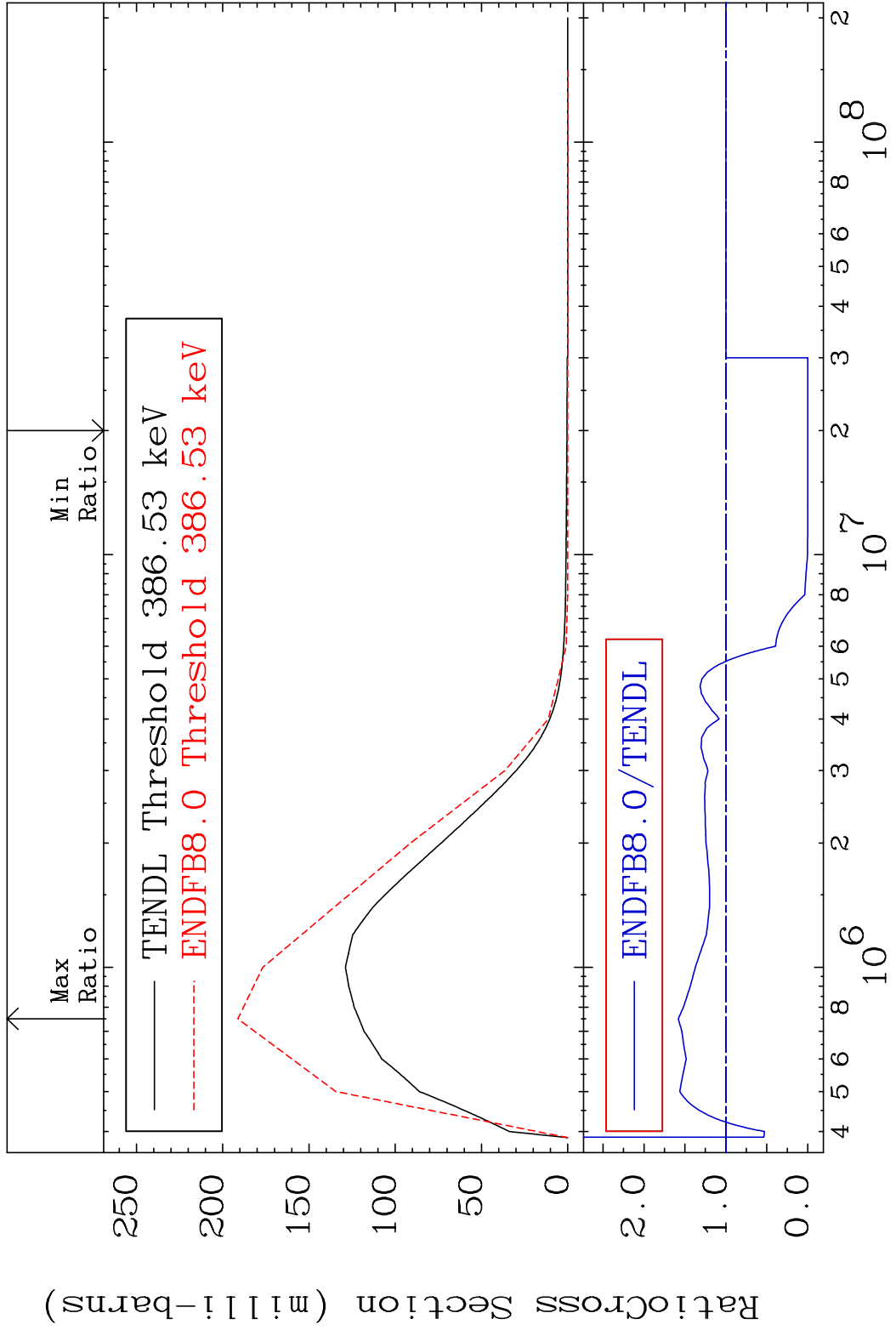
11 Incident Energy (eV) 80-Hg-201

MAT 8040 MT= 54 (n, n') Level 80-Hg-201  
 Cross Section -100.0 To 169.9 %



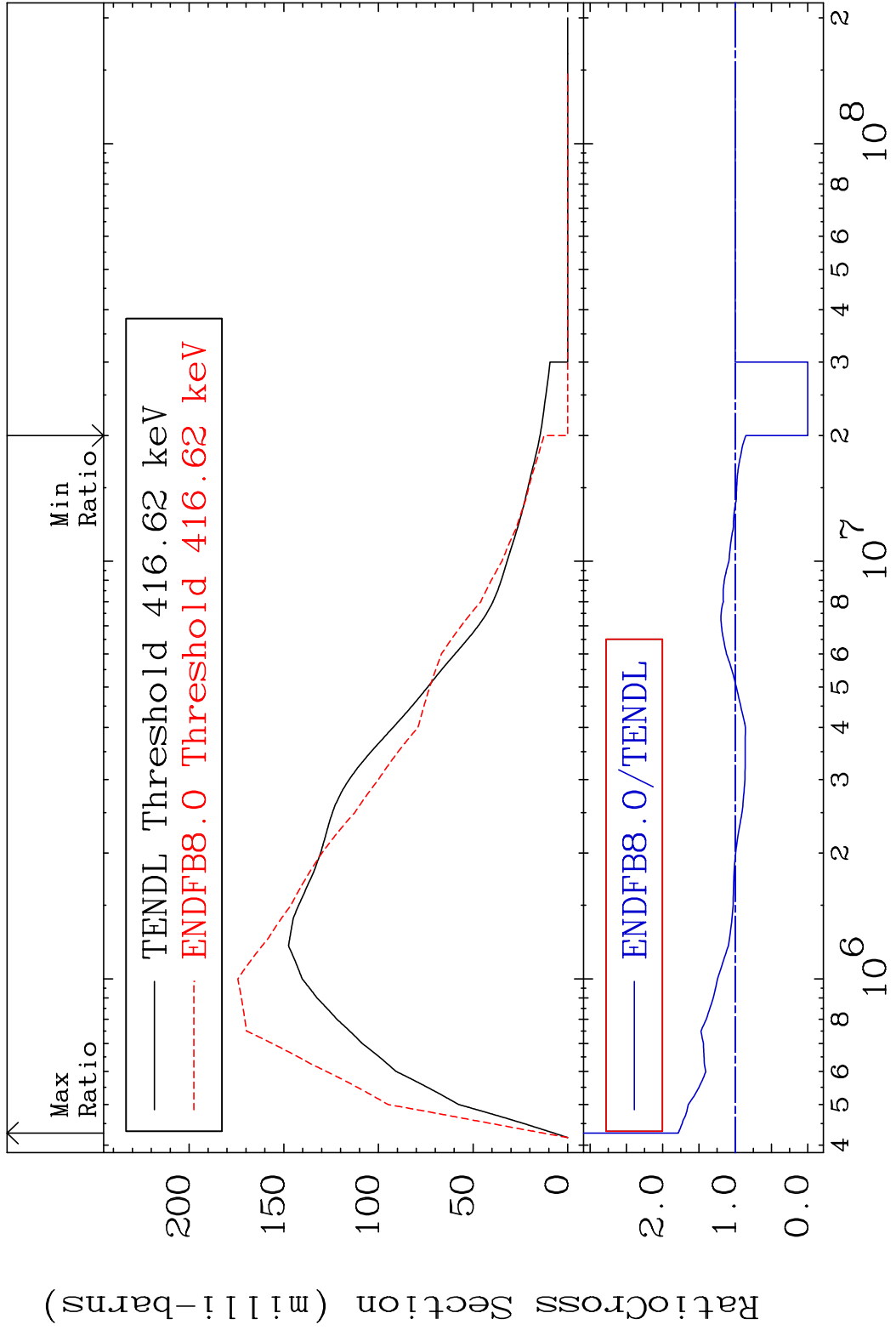
12 Incident Energy (eV) 80-Hg-201

MAT 8040 MT= 55 (n, n') Level 80-Hg-201  
 Cross Section -100.0 To 58.10 %



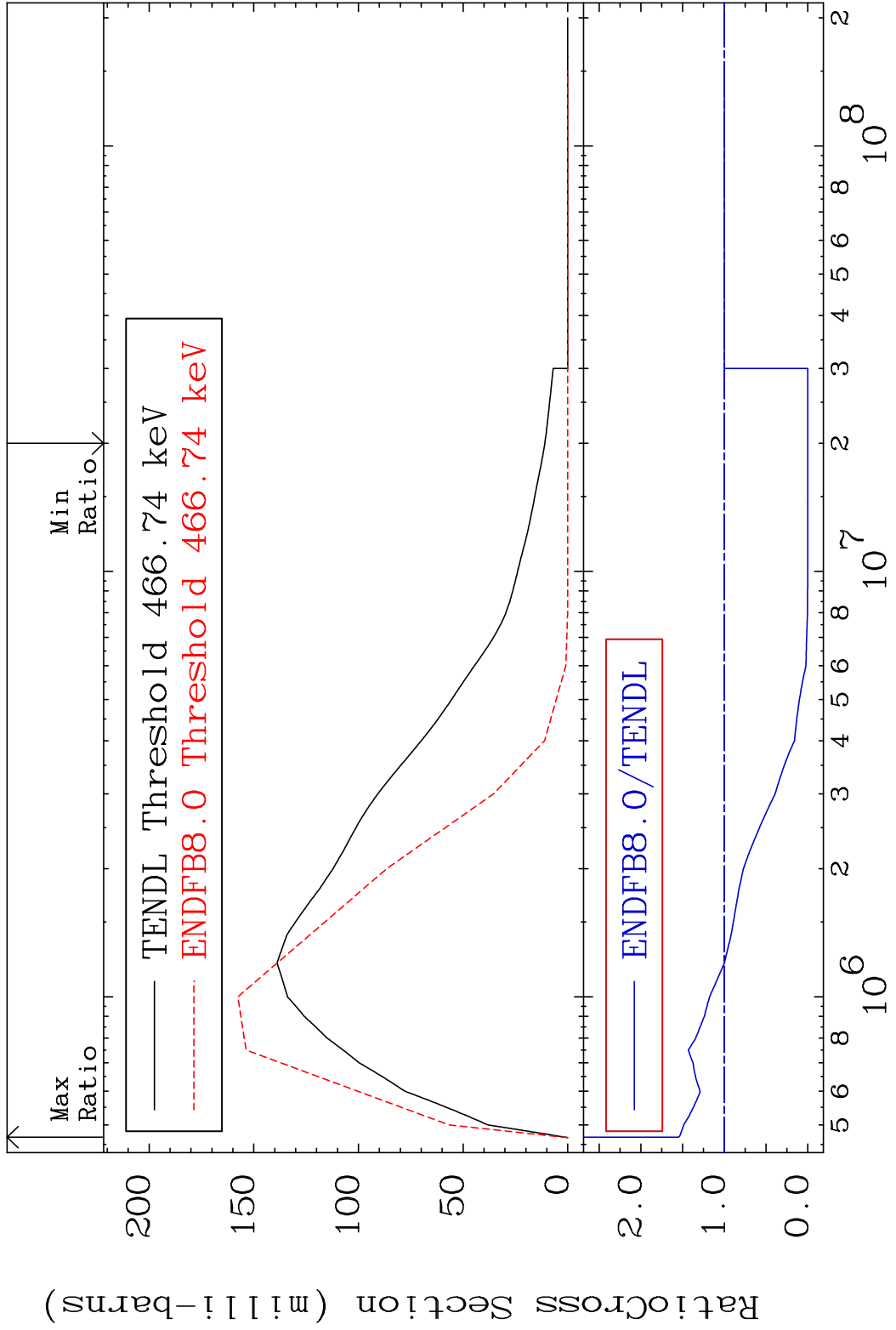
13 Incident Energy (eV) 80-Hg-201

MAT 8040 MT= 56 (n, n') Level 80-Hg-201  
 Cross Section -100.0 To 78.46 %



14 Incident Energy (eV) 80-Hg-201

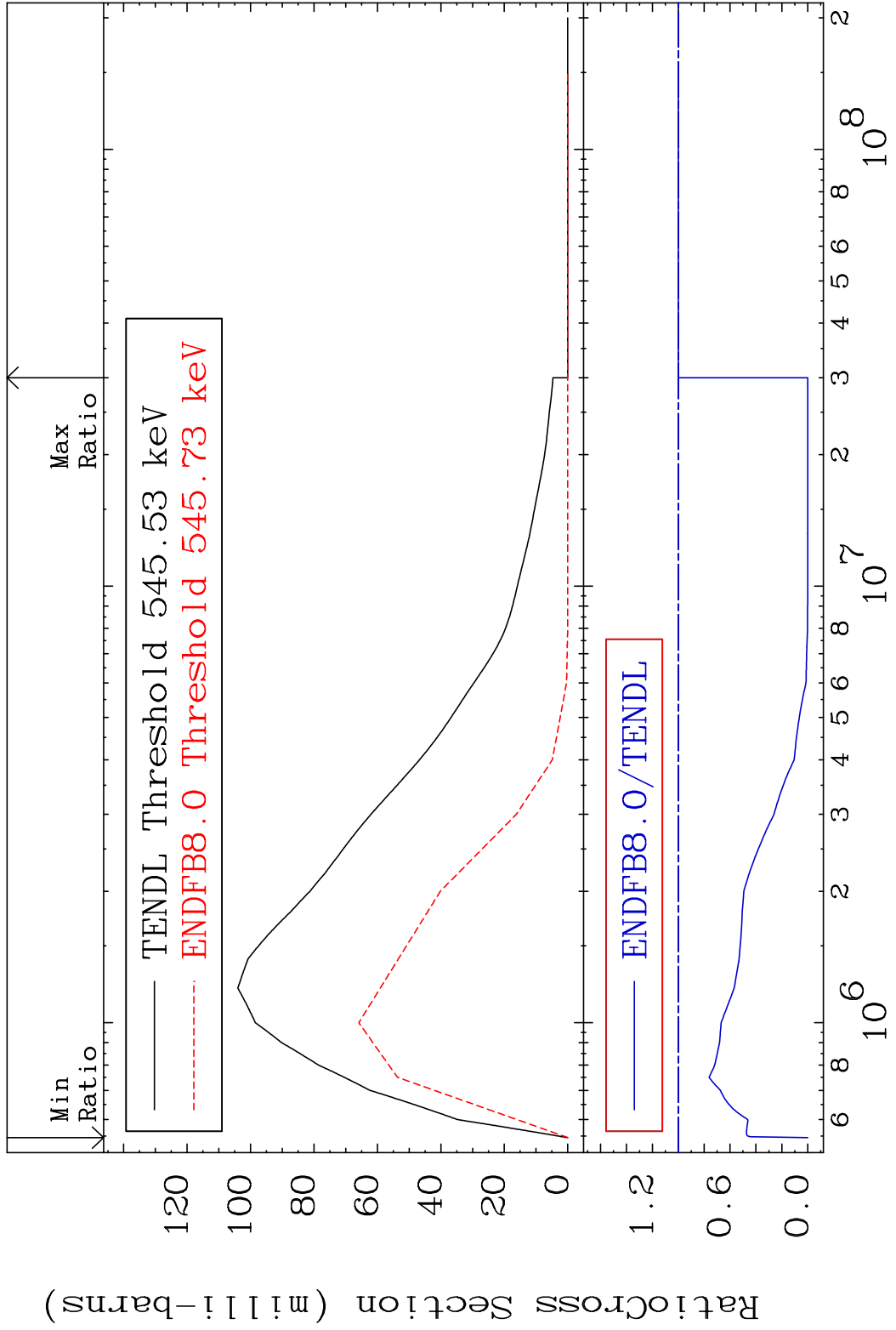
MAT 8040 MT= 57 (n, n') Level 80-Hg-201  
 Cross Section -100.0 To 55.26 %



15 Incident Energy (eV) 80-Hg-201

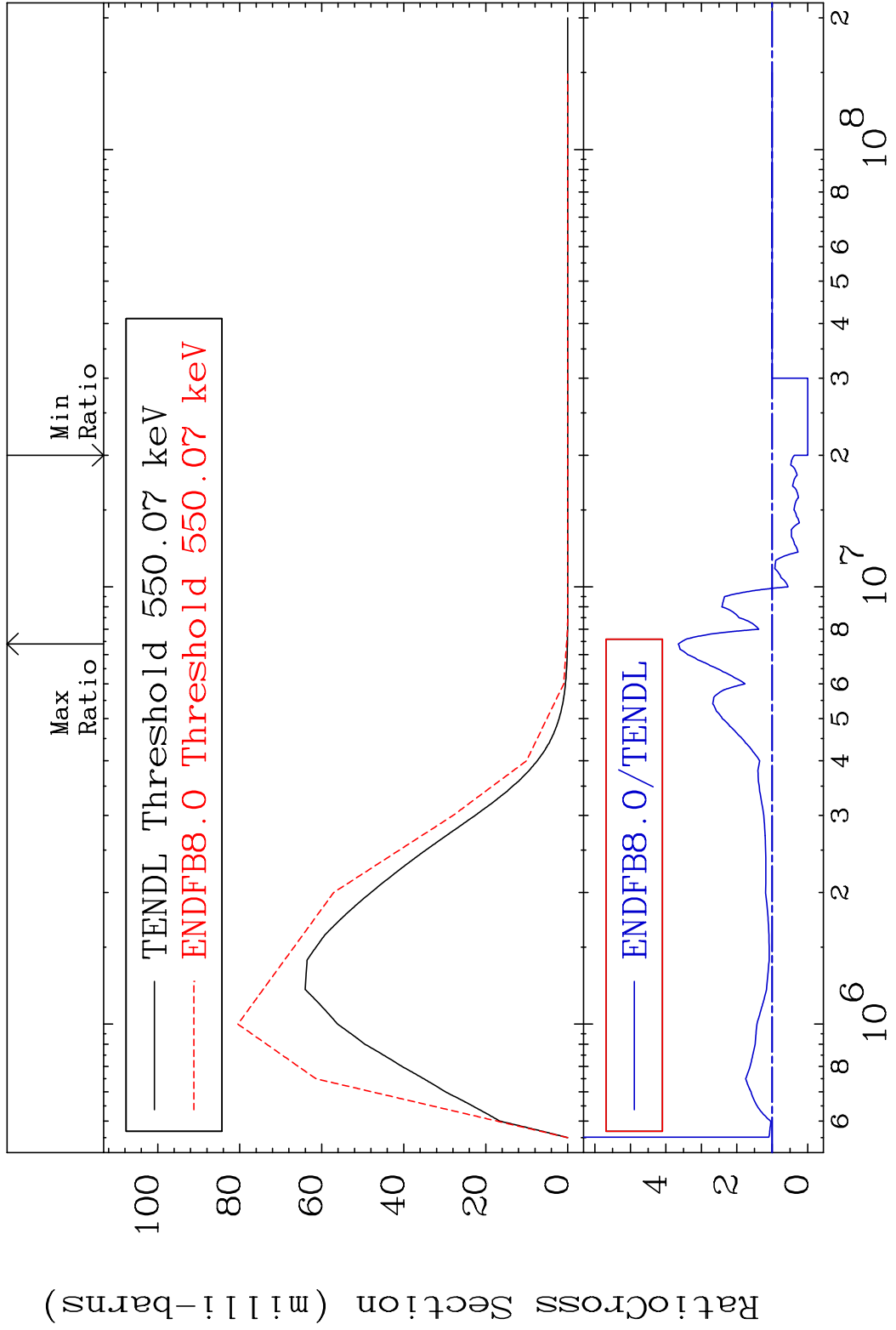


MAT 8040 MT= 58 (n, n') Level 80-Hg-201  
 Cross Section -100.0 To 0.000 %



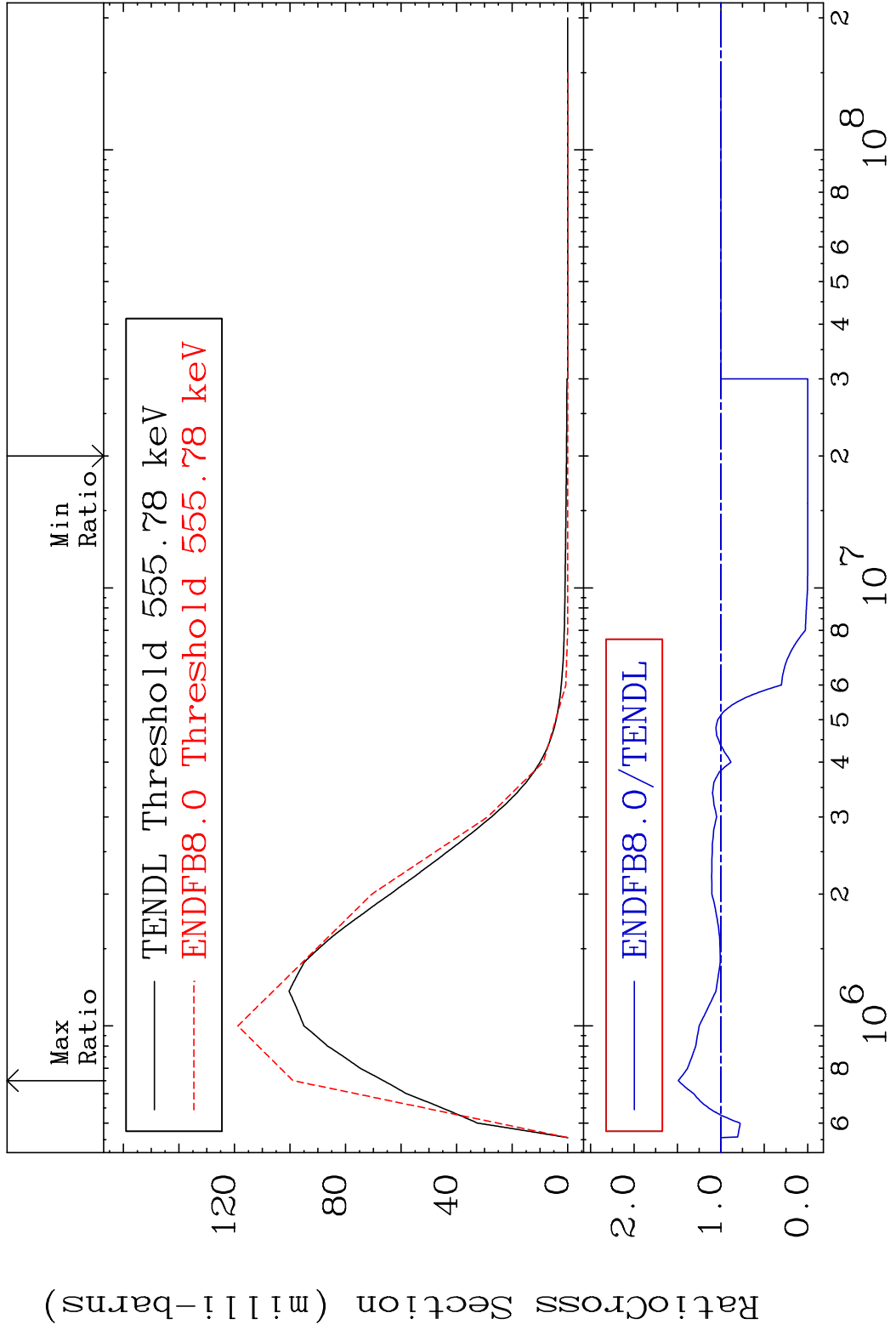
16 Incident Energy (eV) 80-Hg-201

MAT 8040 MT= 59 (n, n') Level 80-Hg-201  
 Cross Section -100.0 To 265.0 %



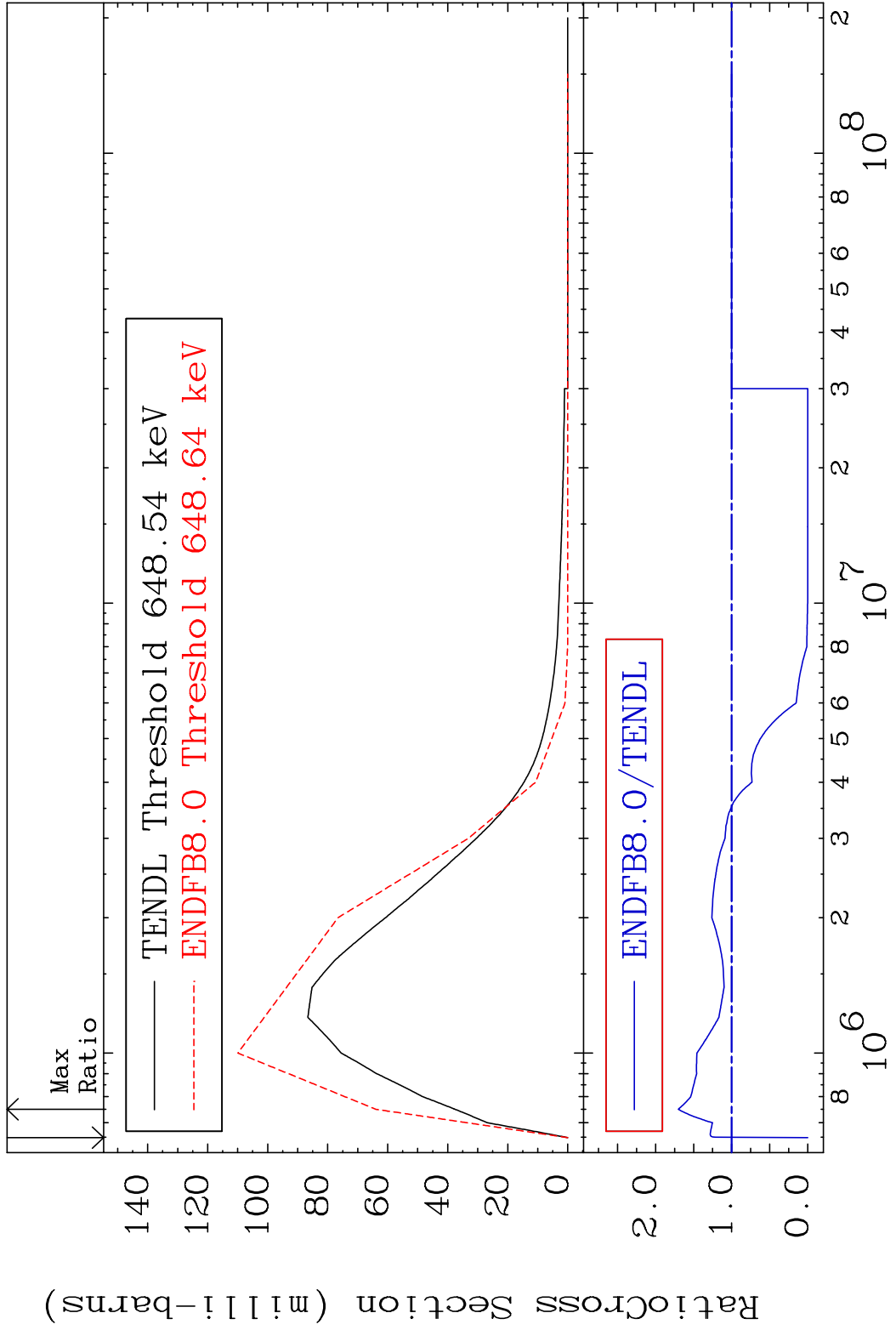
17 Incident Energy (eV) 80-Hg-201

MAT 8040 MT= 60 (n, n') Level 80-Hg-201  
 Cross Section -100.0 To 49.04 %



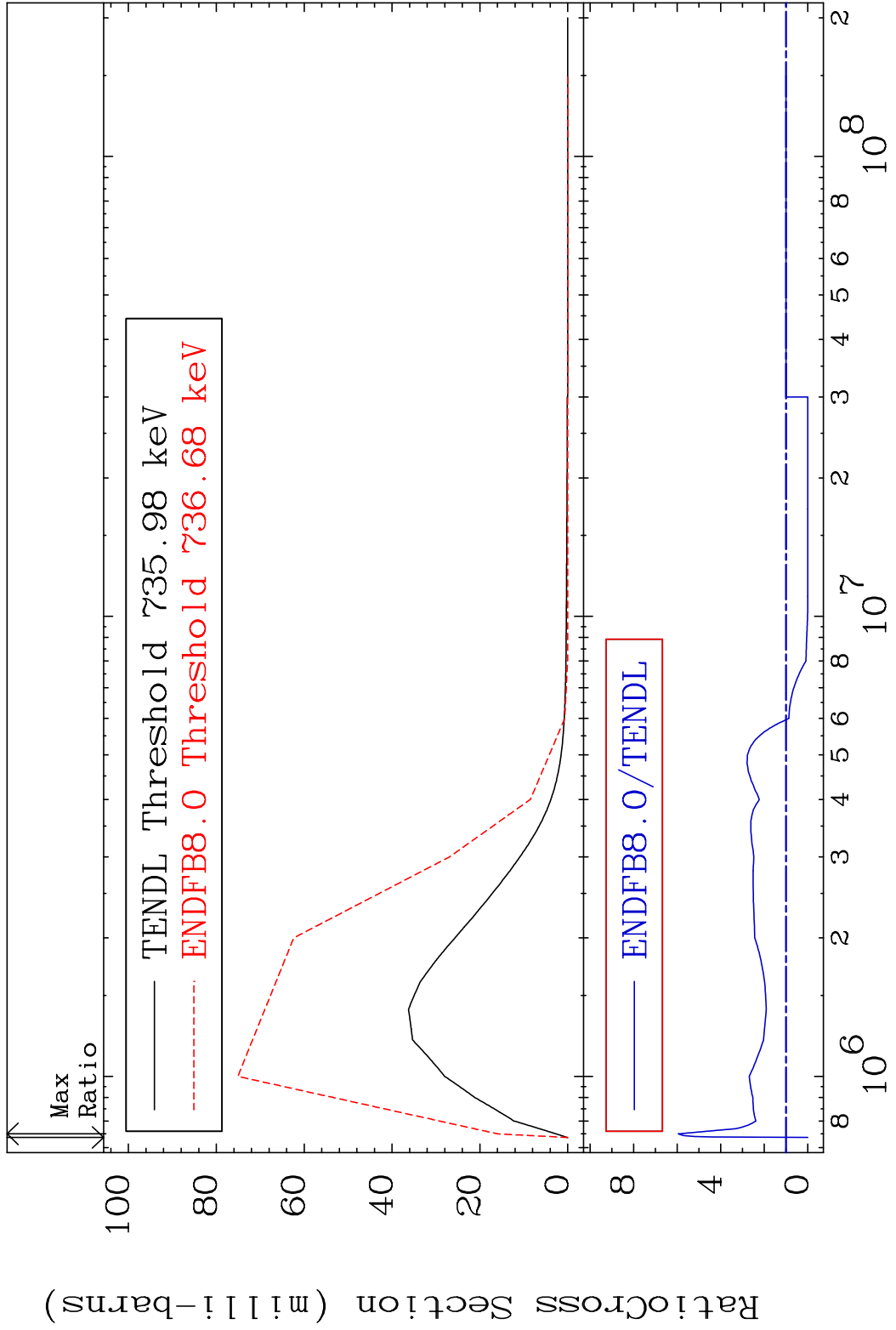
18 80-Hg-201

MAT 8040 MT= 61 (n, n') Level 80-Hg-201  
 Cross Section -100.0 To 70.21 %



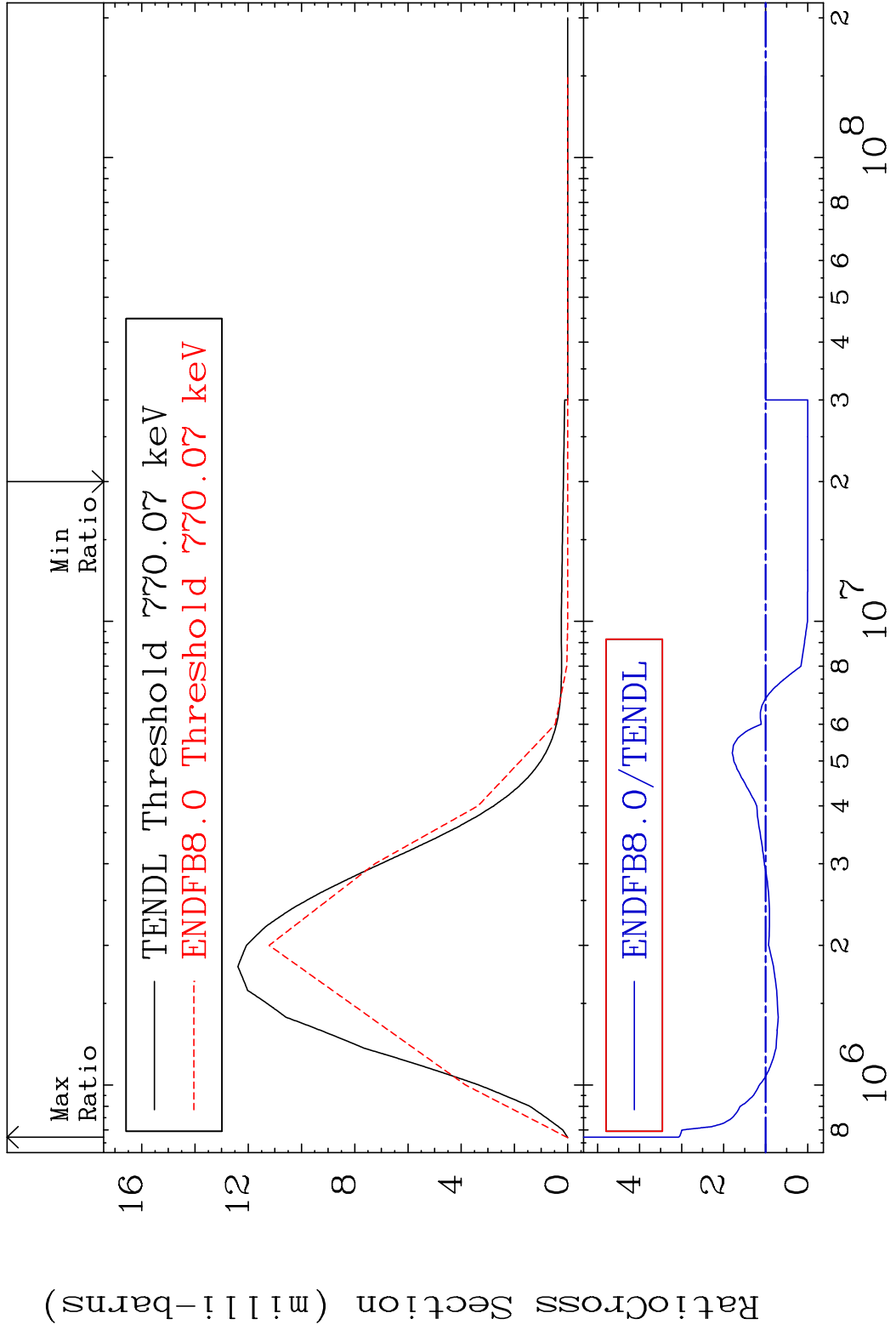
19 Incident Energy (eV) 80-Hg-201

MAT 8040 MT= 62 (n, n') Level 80-Hg-201  
 Cross Section -100.0 To 494.6 %



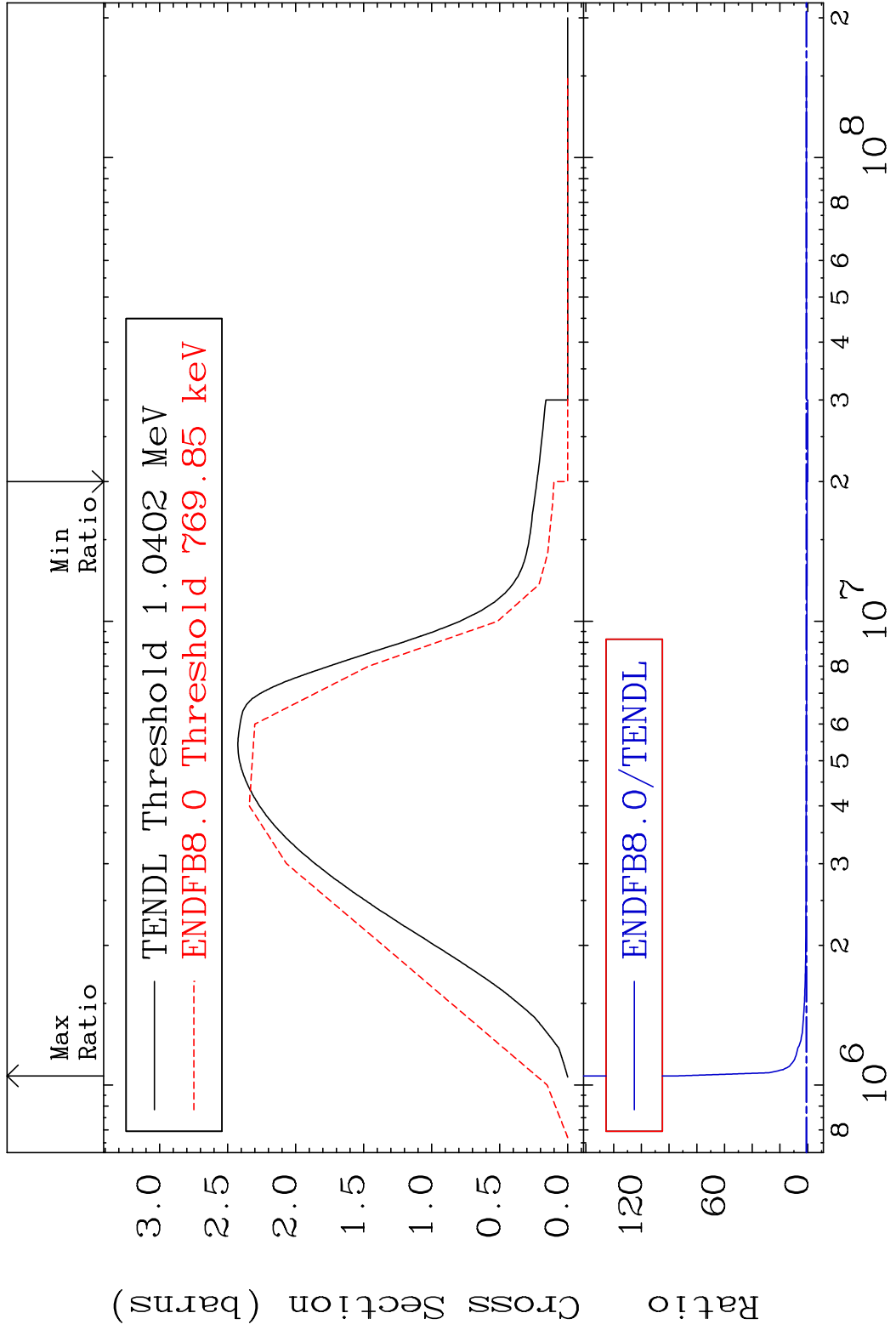
20 Incident Energy (eV) 80-Hg-201

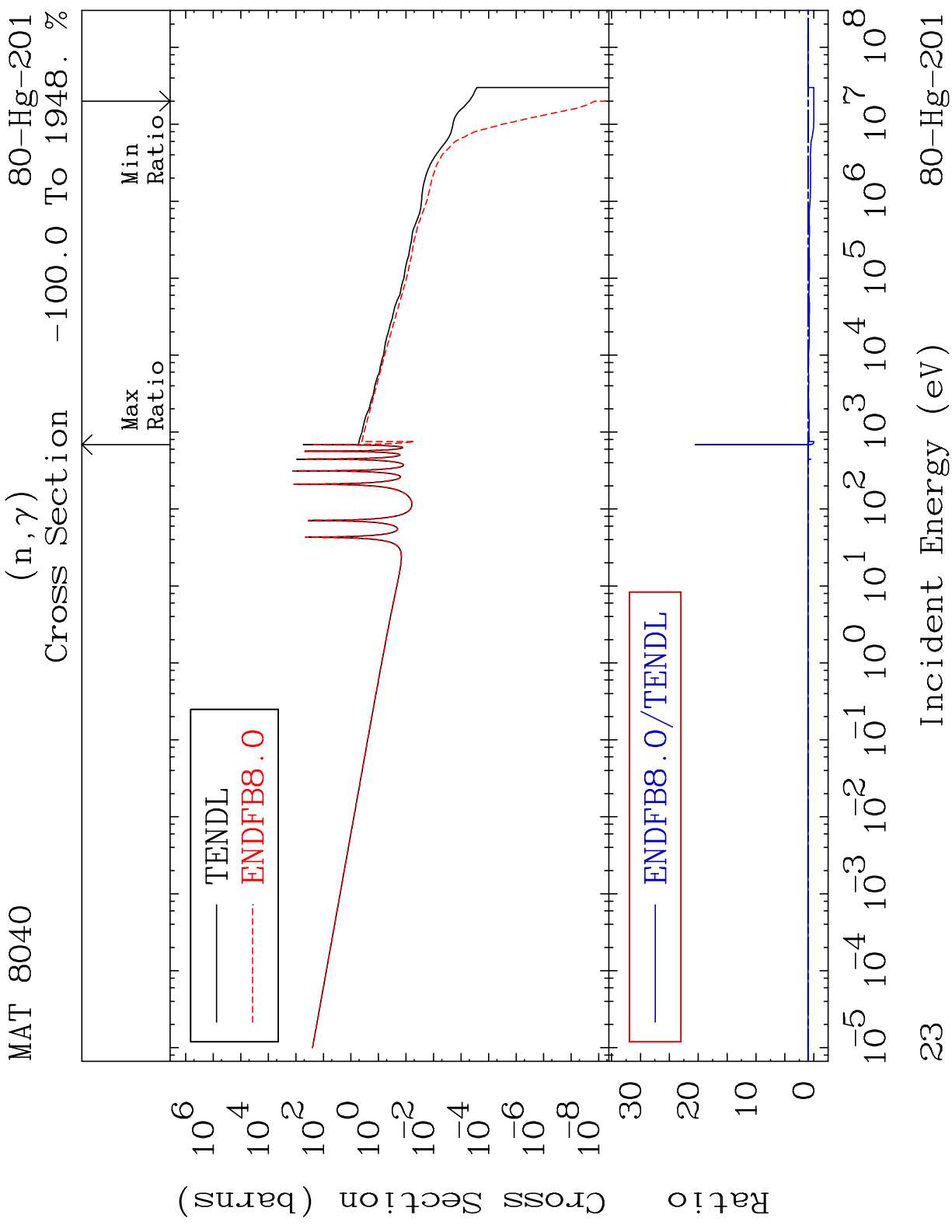
MAT 8040 MT= 63 (n, n') Level 80-Hg-201  
 Cross Section -100.0 To 208.0 %



21 80-Hg-201

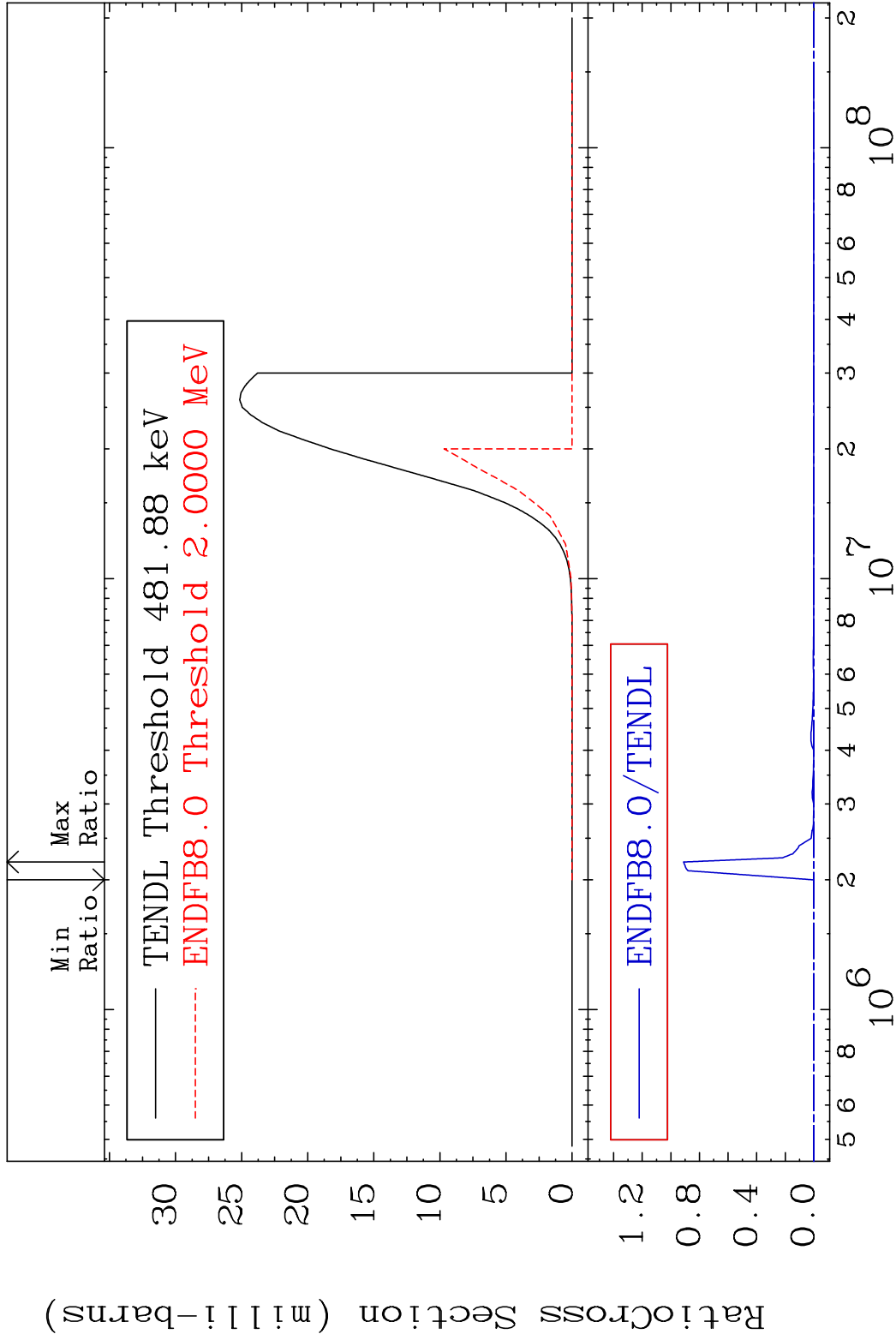
MAT 8040 (n, n') Continuum 80-Hg-201  
 Cross Section -100.0 To 9237. %



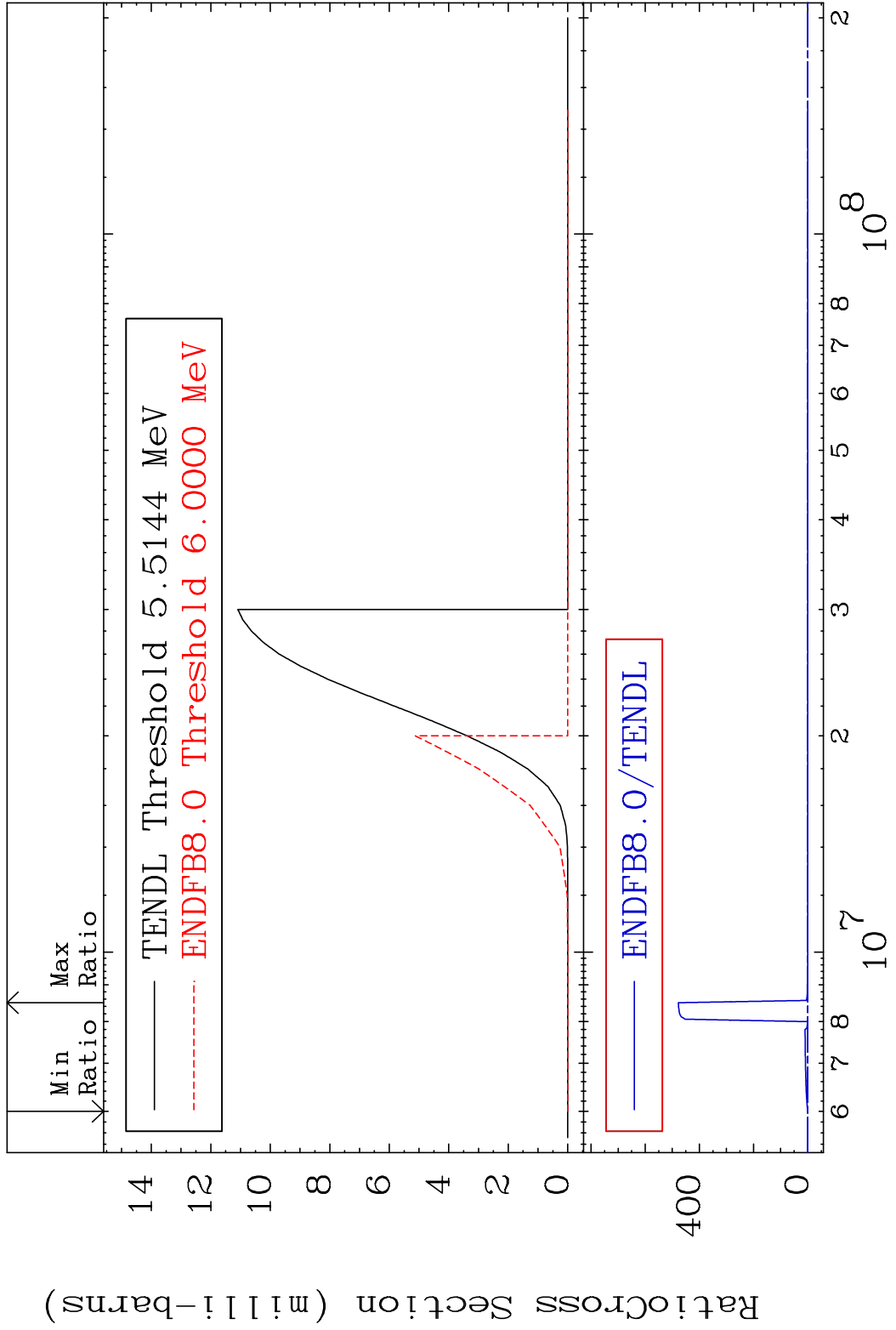




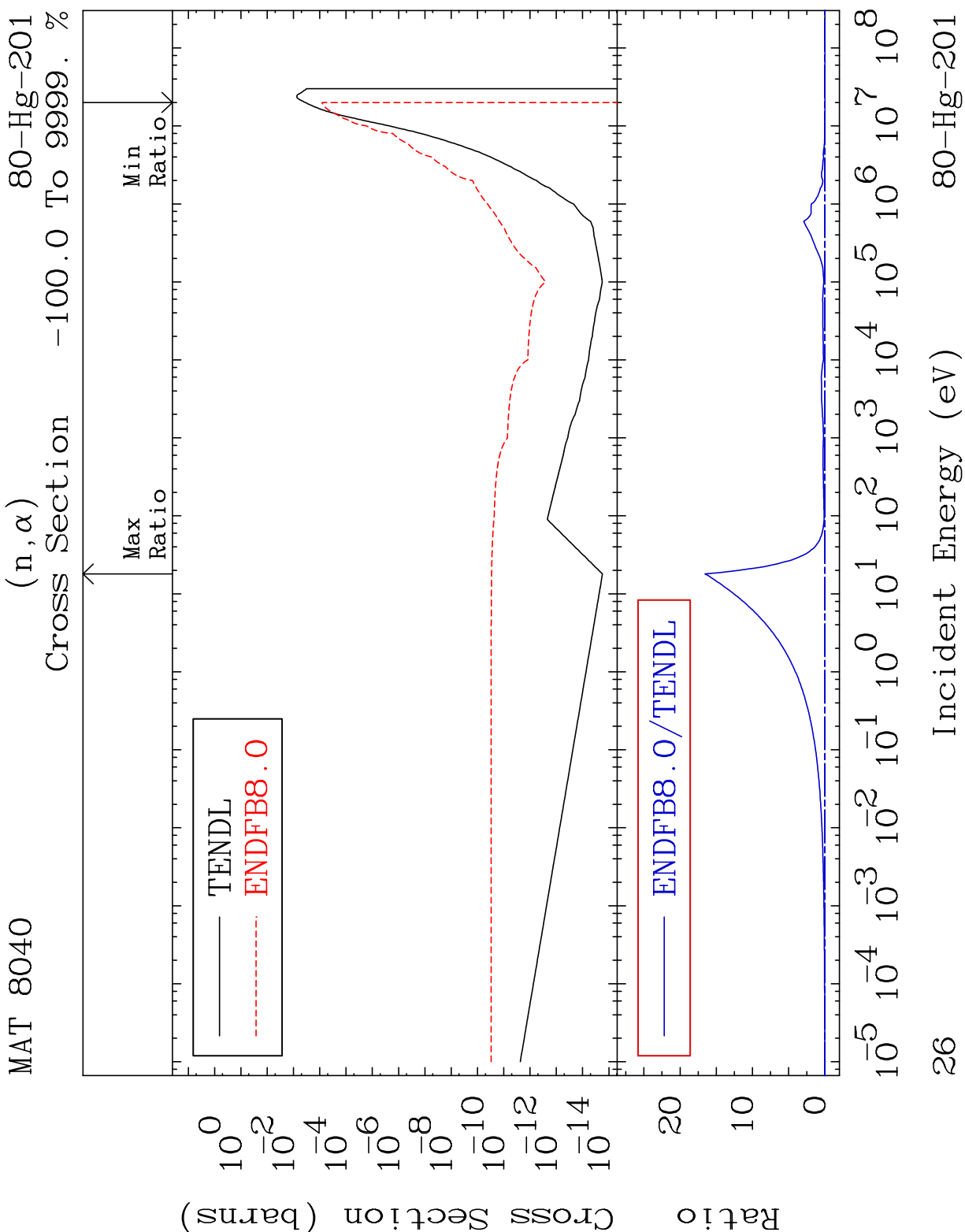
MAT 8040 (n, p) 80-Hg-201  
 Cross Section -100.0 To 9999. %



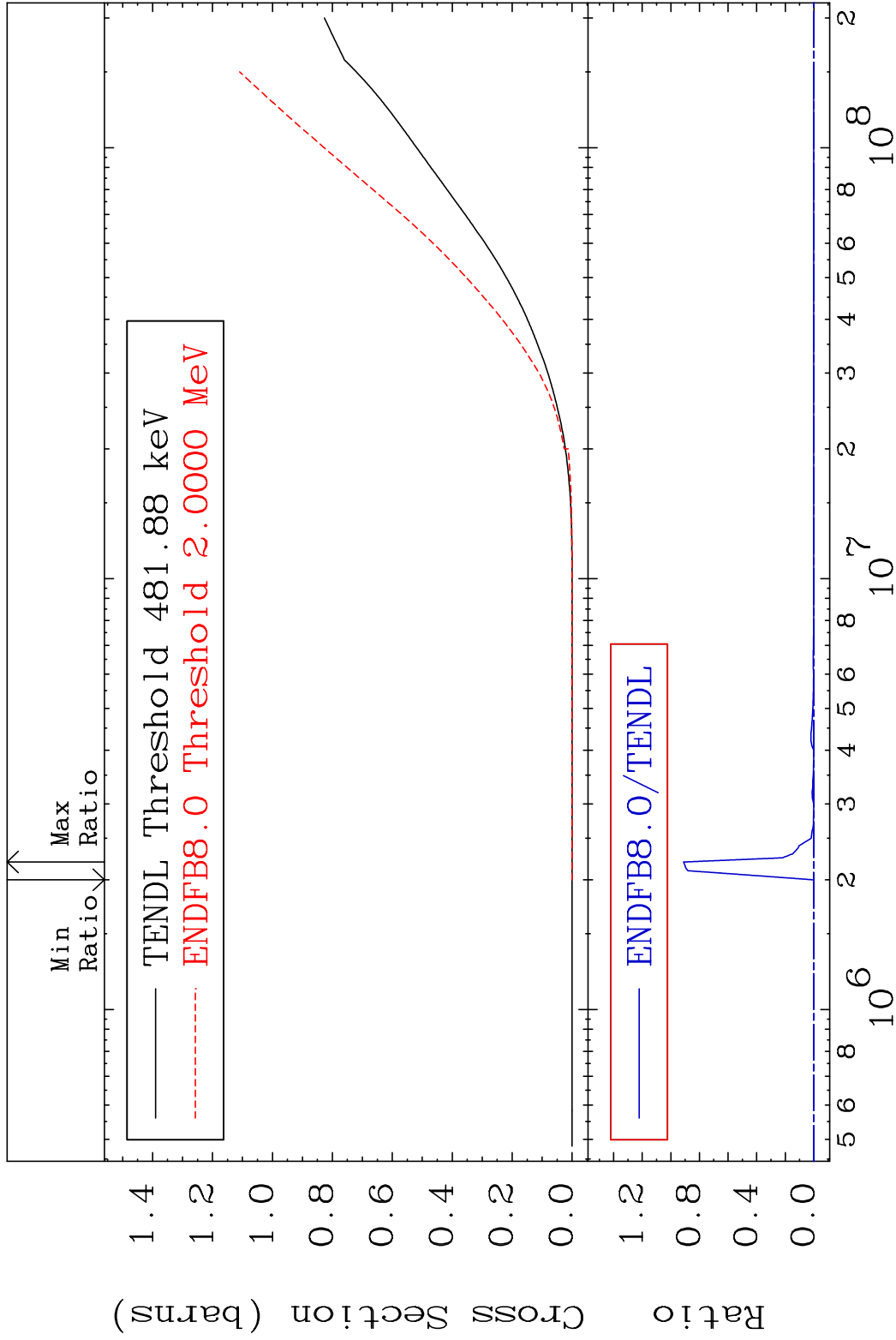
MAT 8040 (n, d) 80-Hg-201  
 Cross Section -100.0 To 9999. %



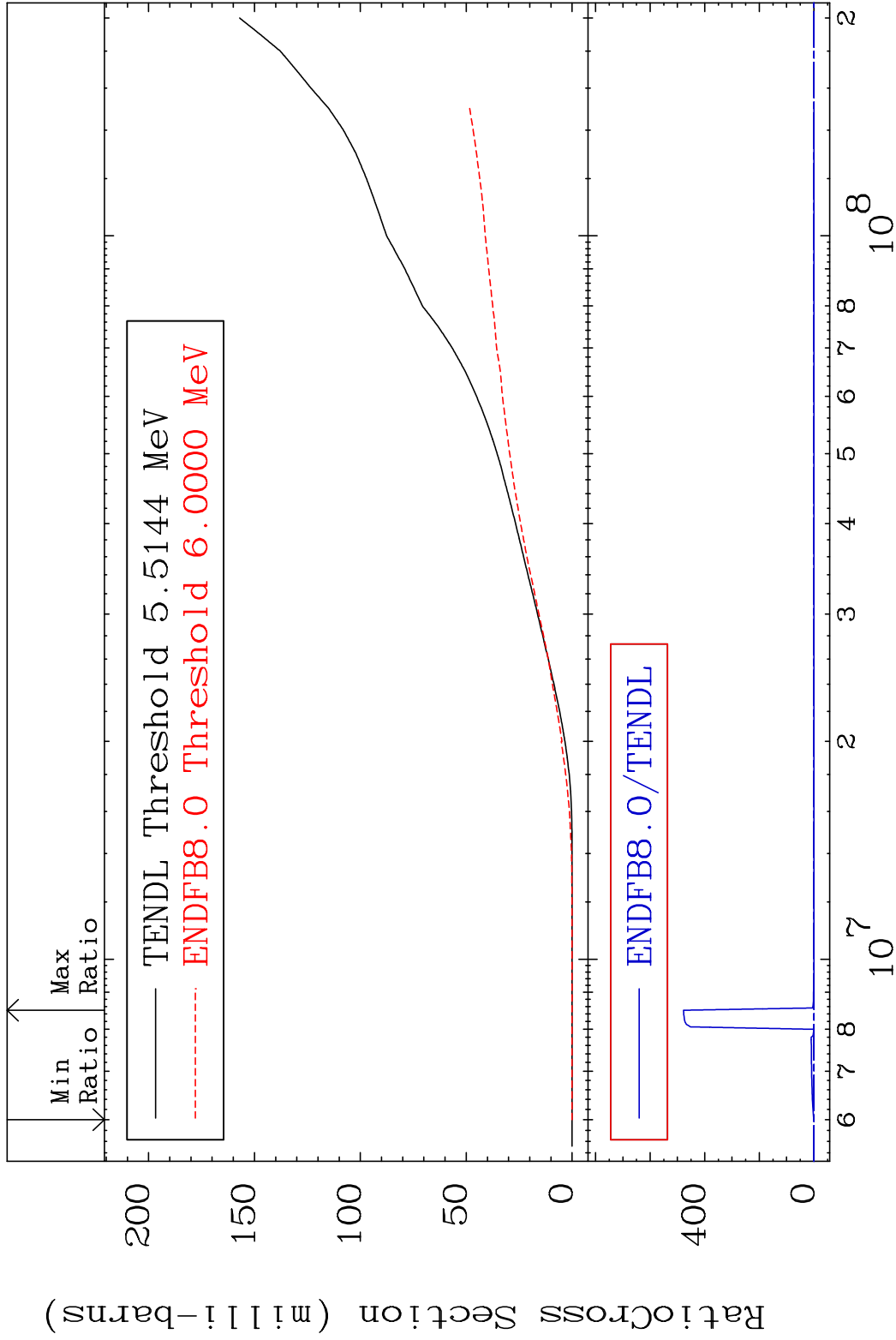
25 80-Hg-201



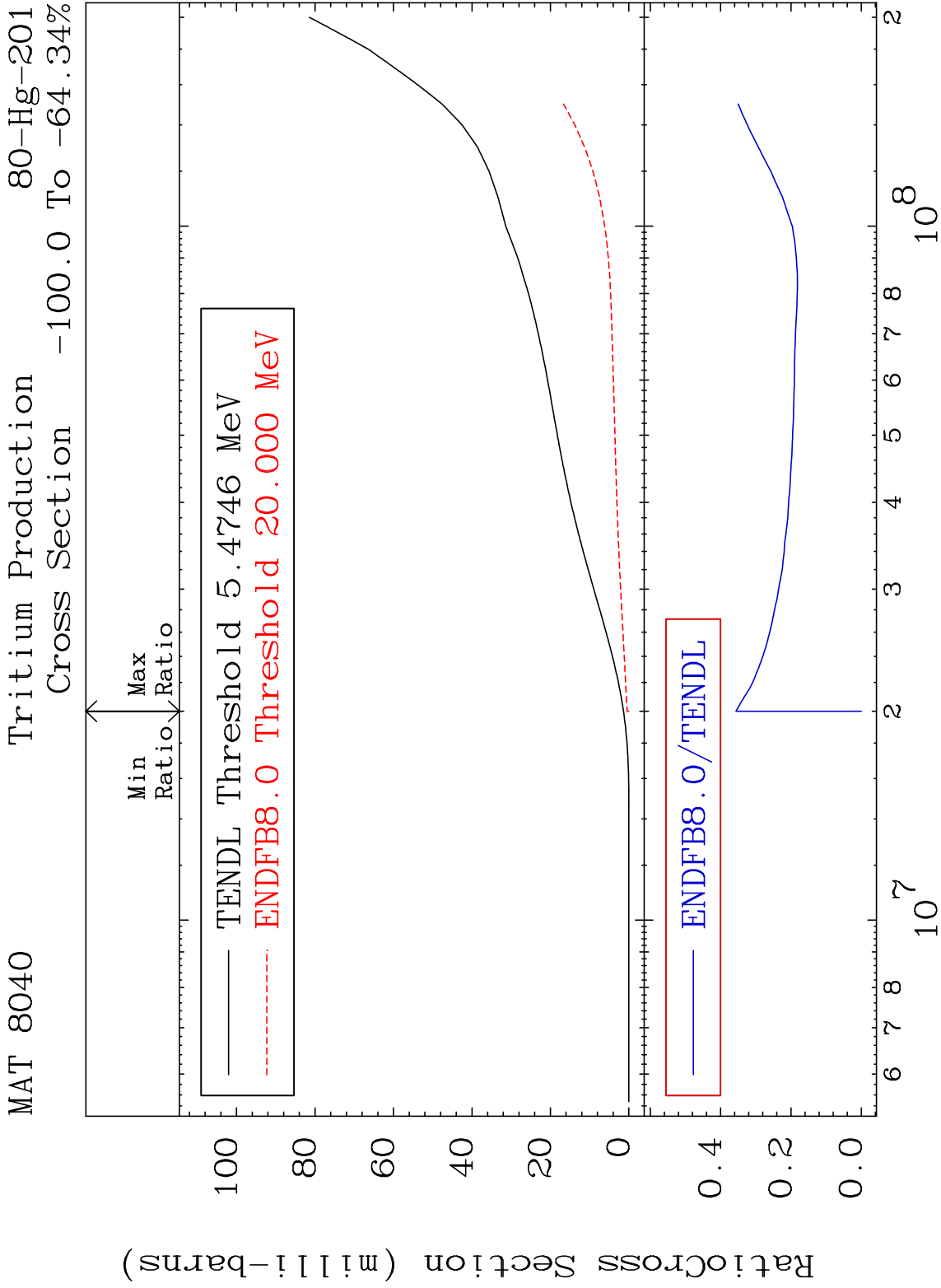
MAT 8040 Hydrogen Production 80-Hg-201  
 Cross Section -100.0 To 9999. %



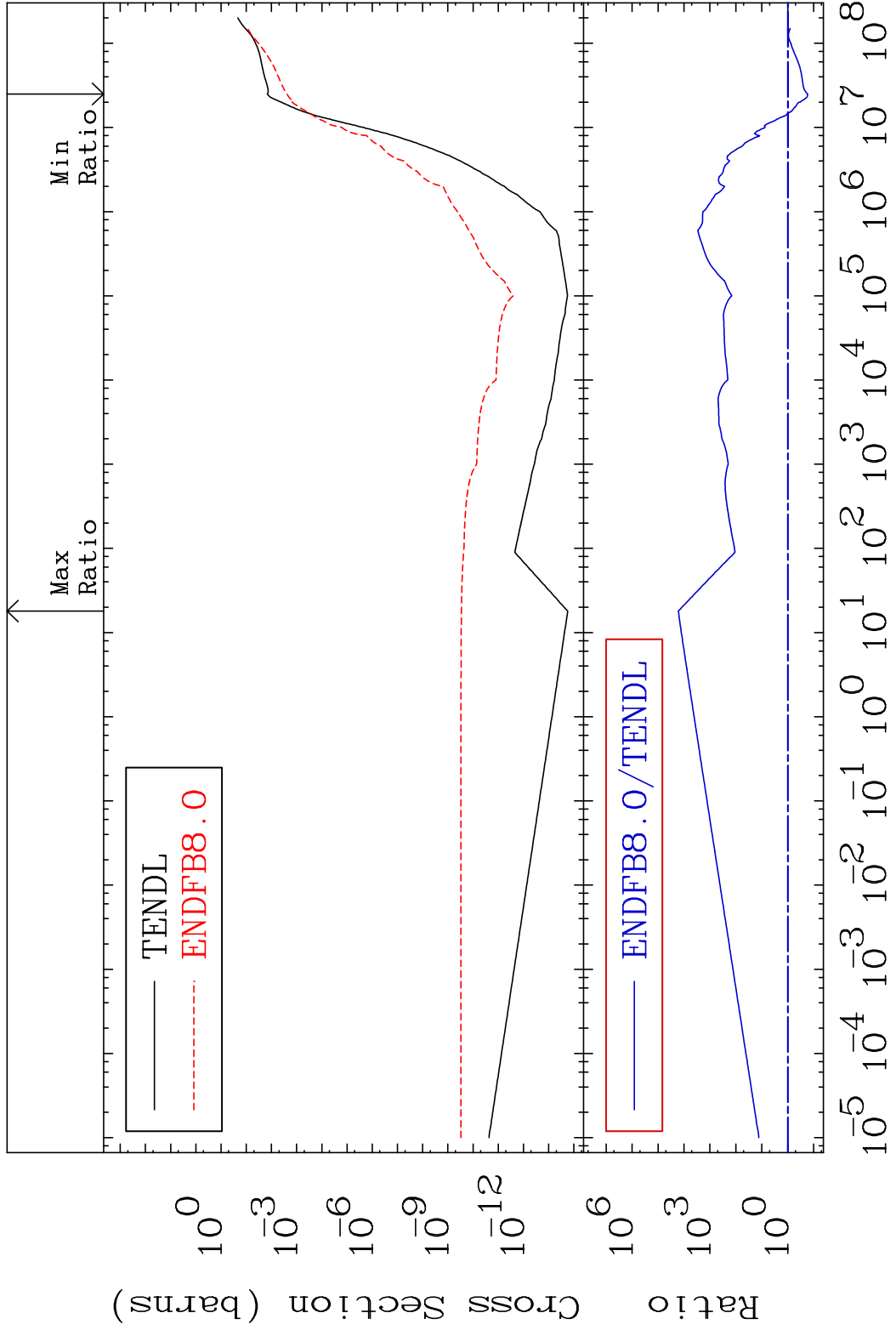
MAT 8040 Deuterium Production 80-Hg-201  
 Cross Section -100.0 To 9999. %



28 Incident Energy (eV) 80-Hg-201

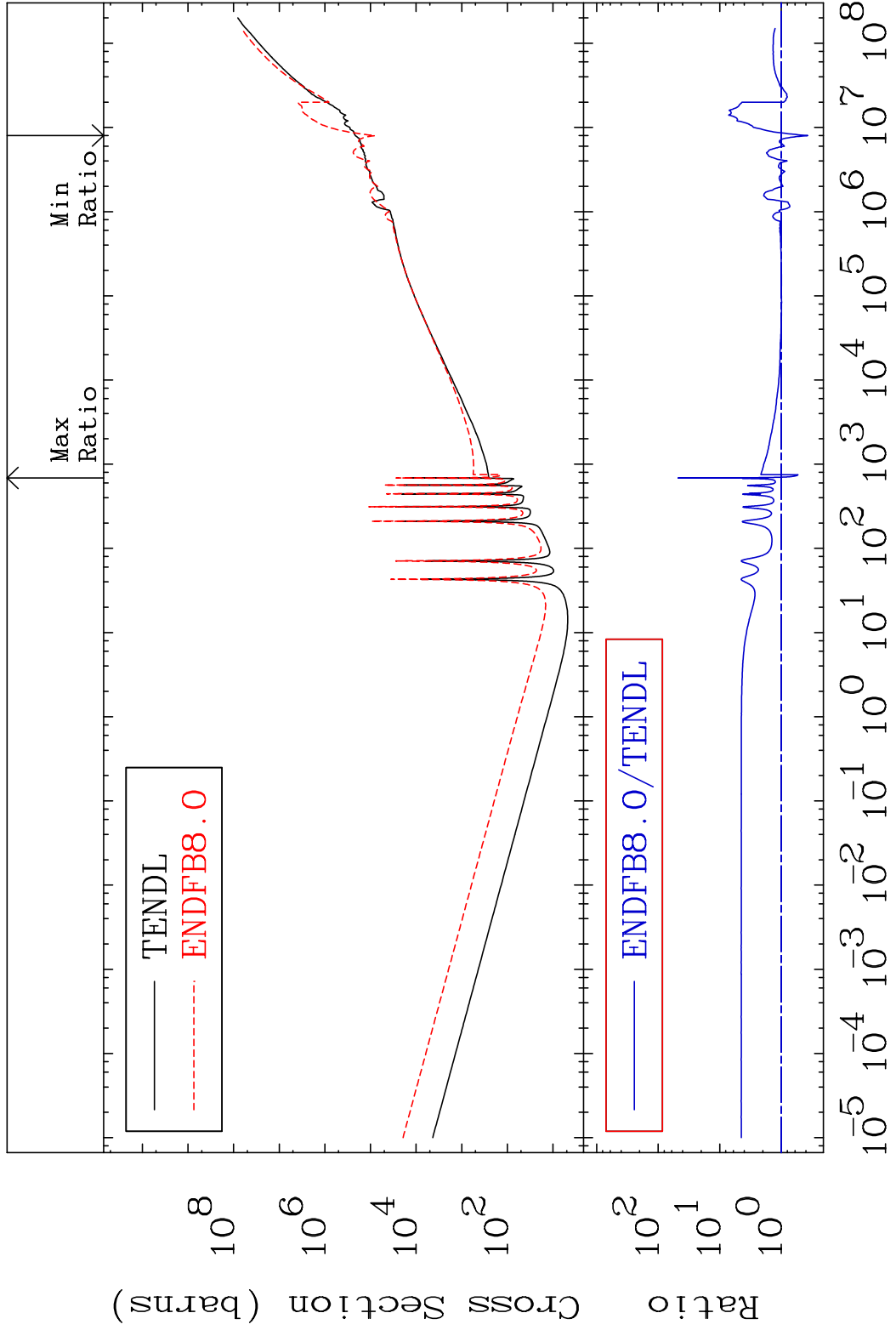


MAT 8040 He-4 Production 80-Hg-201  
 Cross Section -83.07 To 9999. %



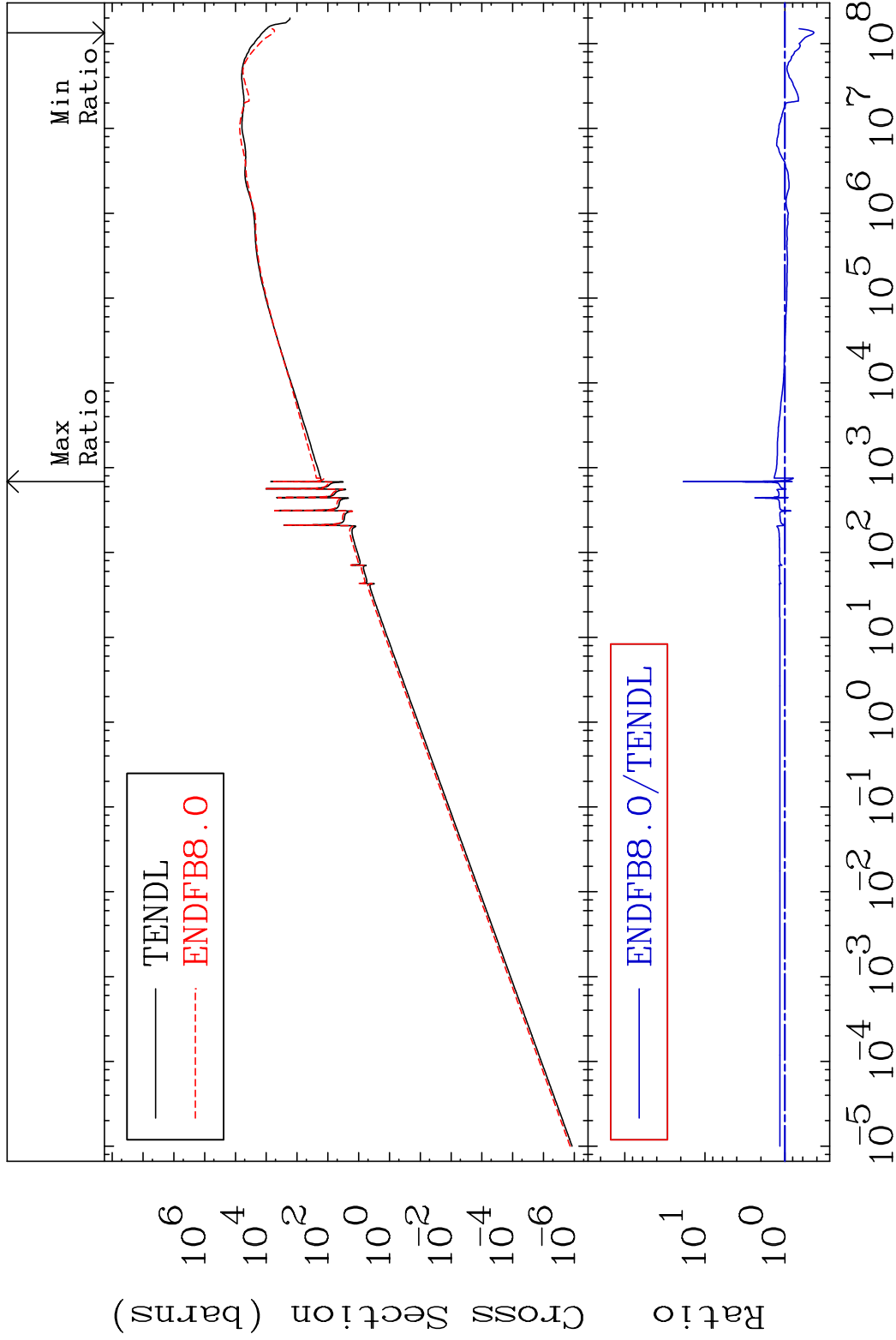
30 Incident Energy (eV) 80-Hg-201

MAT 8040 Kerma total (eV-barns) 80-Hg-201  
 Cross Section -62.70 To 4616. %



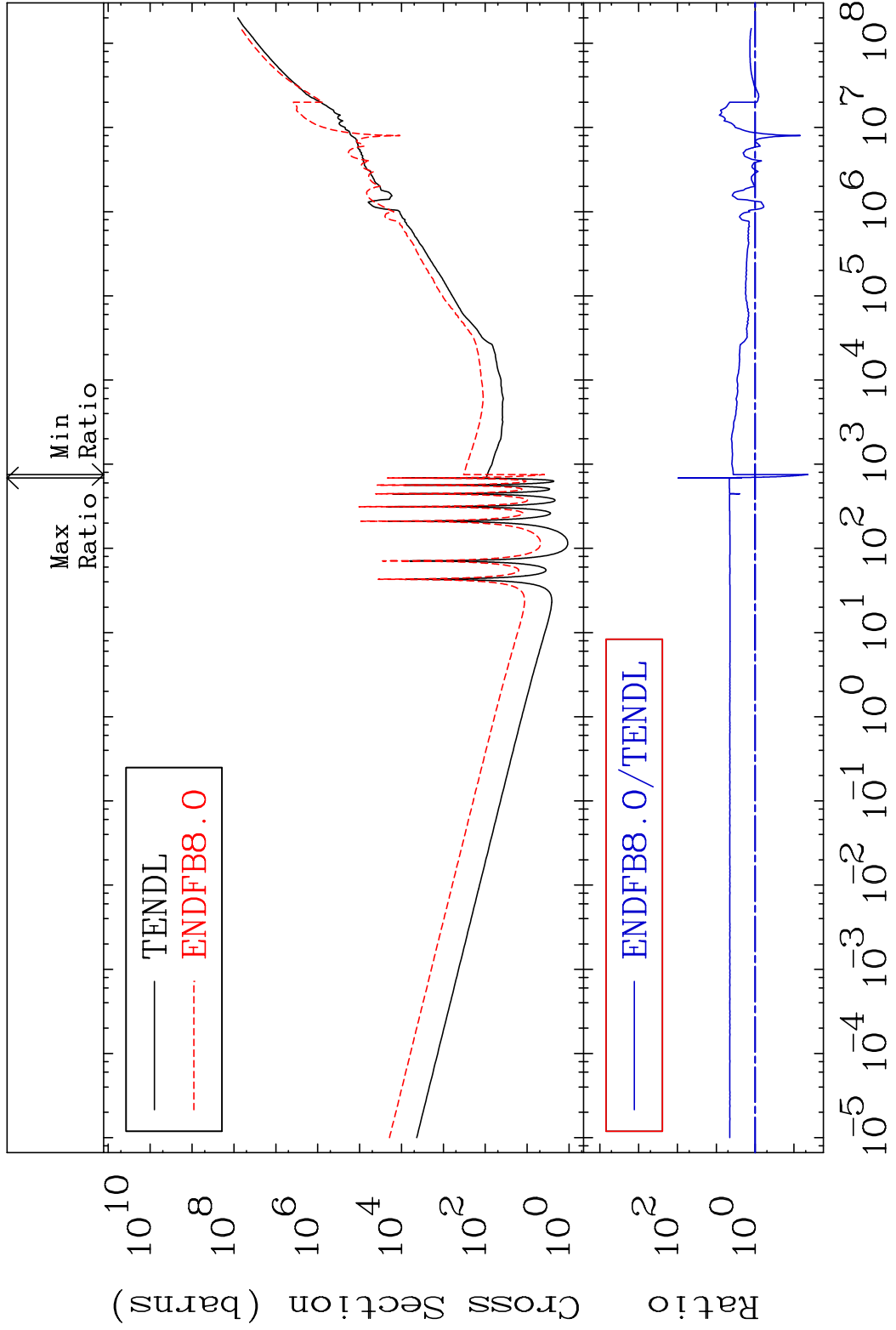


MAT 8040 Kerma elastic 80-Hg-201  
 Cross Section -56.46 To 1751. %



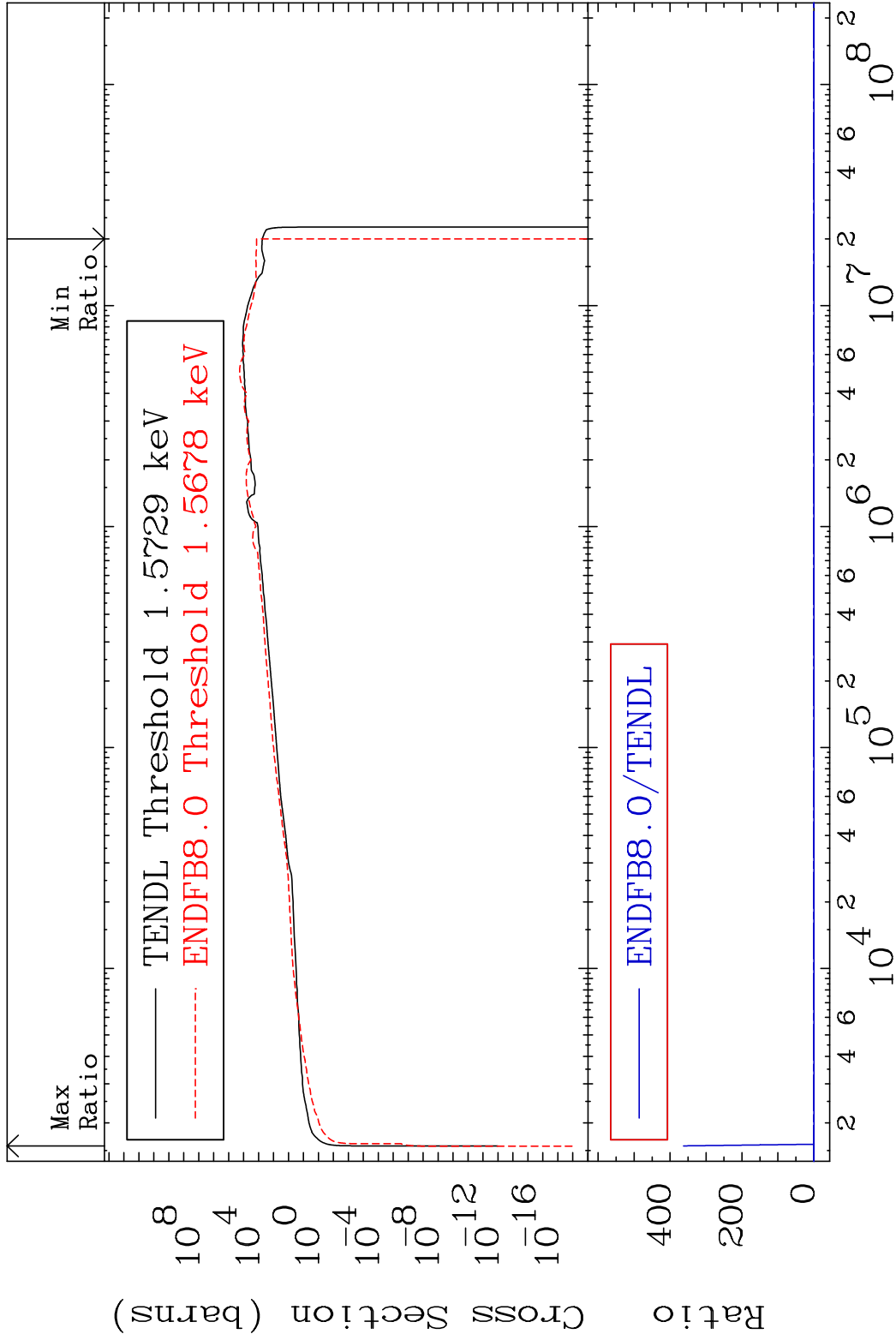
32 Incident Energy (eV) 80-Hg-201

MAT 8040 Kerma non-elastic (all but mt2) 80-Hg-201  
 Cross Section -95.56 To 9433. %

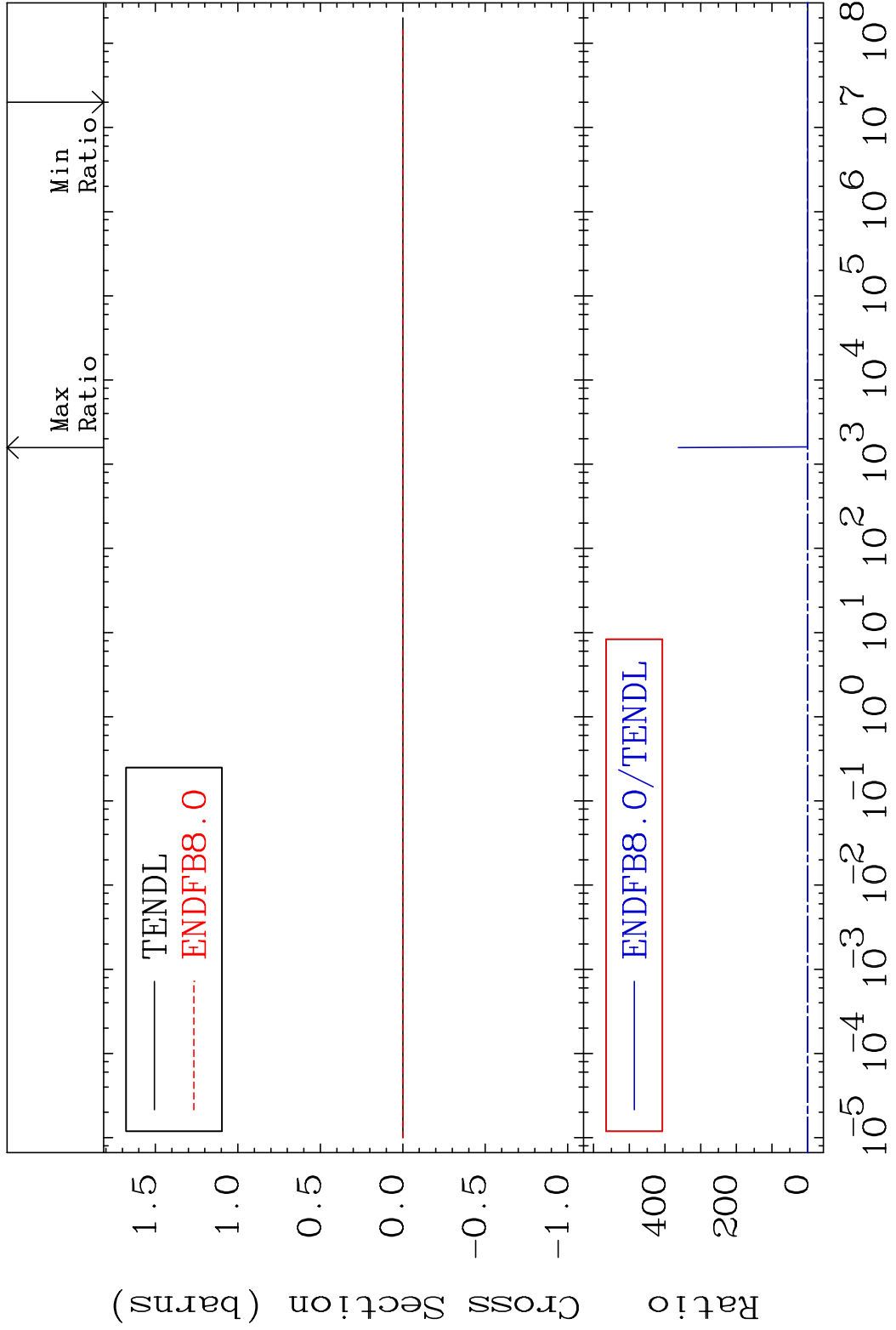


33 Incident Energy (eV) 80-Hg-201

MAT 8040 Kerma inelastic (mt51-91) 80-Hg-201  
 Cross Section -100.0 To 9999. %

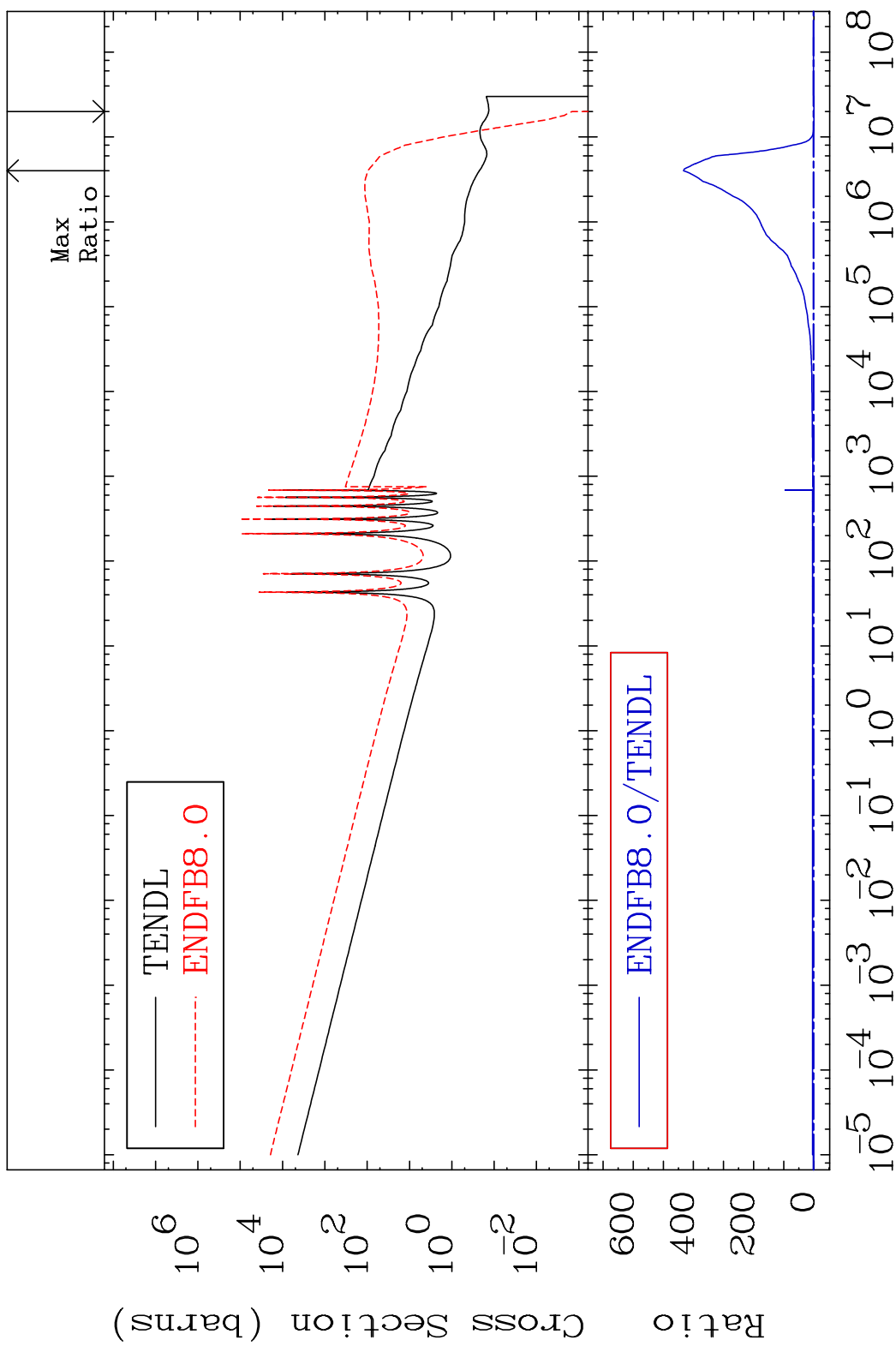


MAT 8040 Kerma fission (mt18 or mt19-20-21-38) 80-Hg-201  
 Cross Section -100.0 To 9999. %



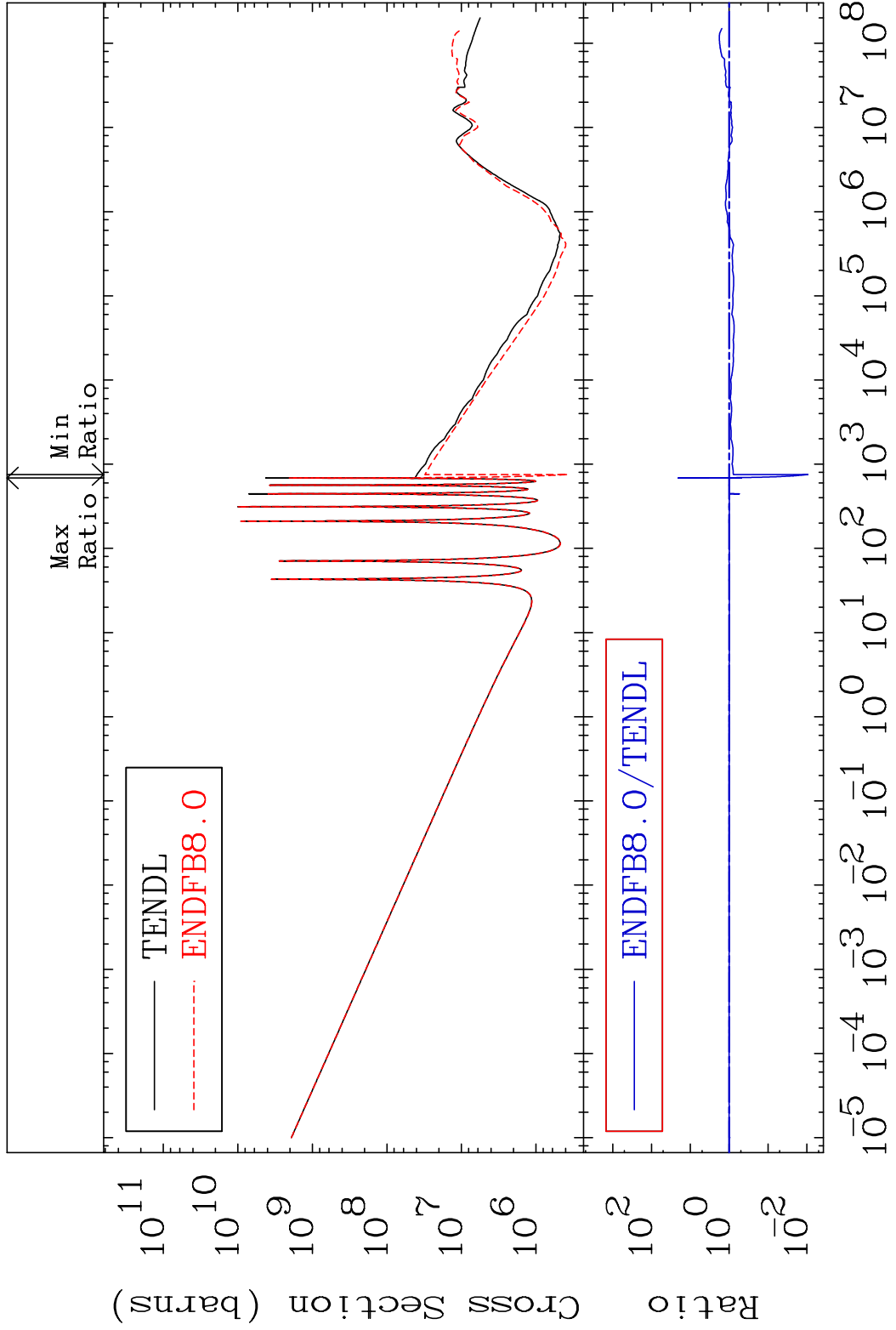
35 Incident Energy (eV) 80-Hg-201

MAT 8040 Kerma capture (mt102) 80-Hg-201  
 Cross Section -100.0 To 9999. %



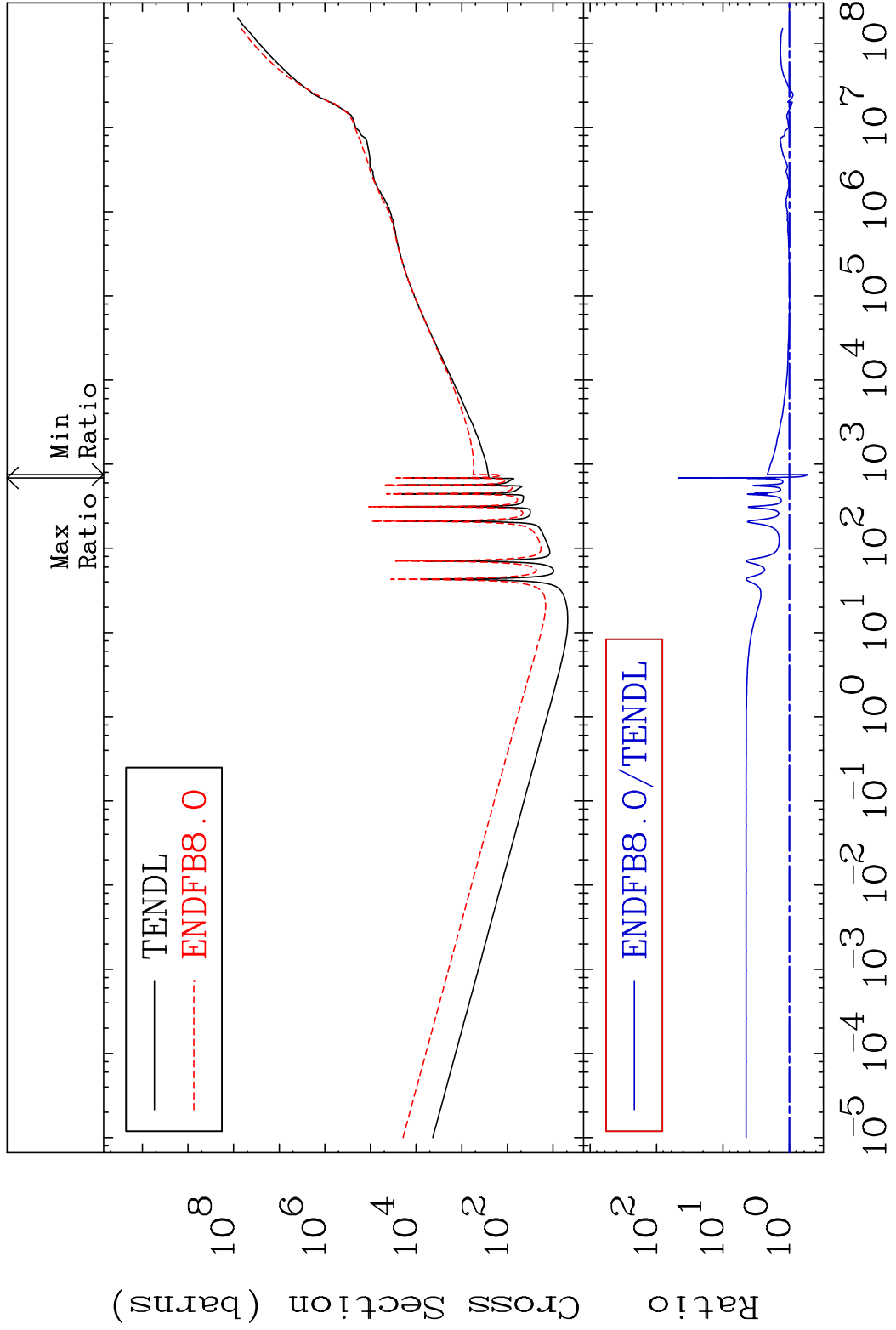
36 Incident Energy (eV) 80-Hg-201

MAT 8040 Total photon (eV-barns) 80-Hg-201  
 Cross Section -99.05 To 1949. %

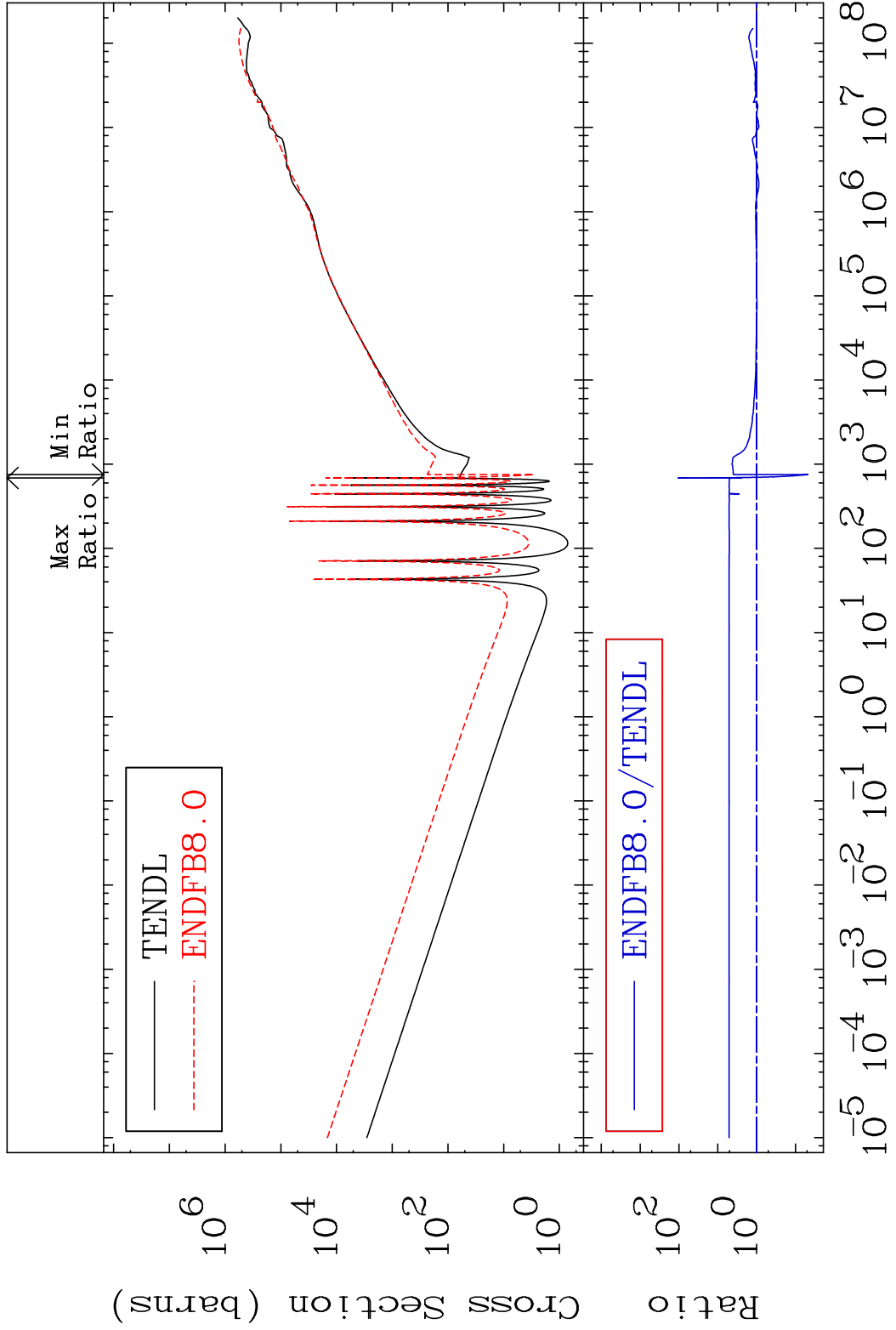


37 Incident Energy (eV) 80-Hg-201

MAT 8040 Total kinematic kerma (high limit) 80-Hg-201  
 Cross Section -46.95 To 4616. %



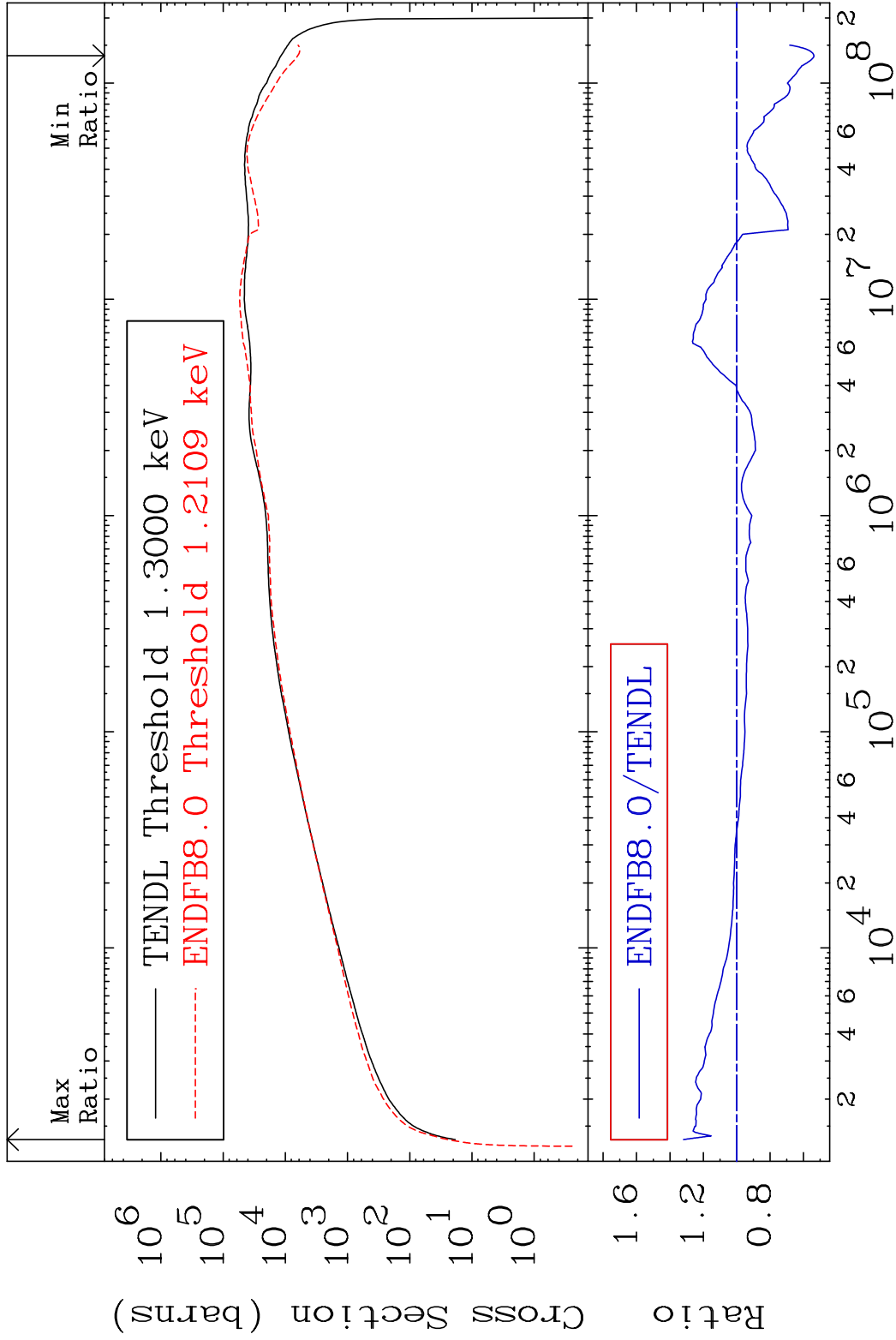
MAT 8040      Dpa total (eV-barns)      80-Hg-201  
 Cross Section      -95.17 To 9999. %



39      Incident Energy (eV)      80-Hg-201

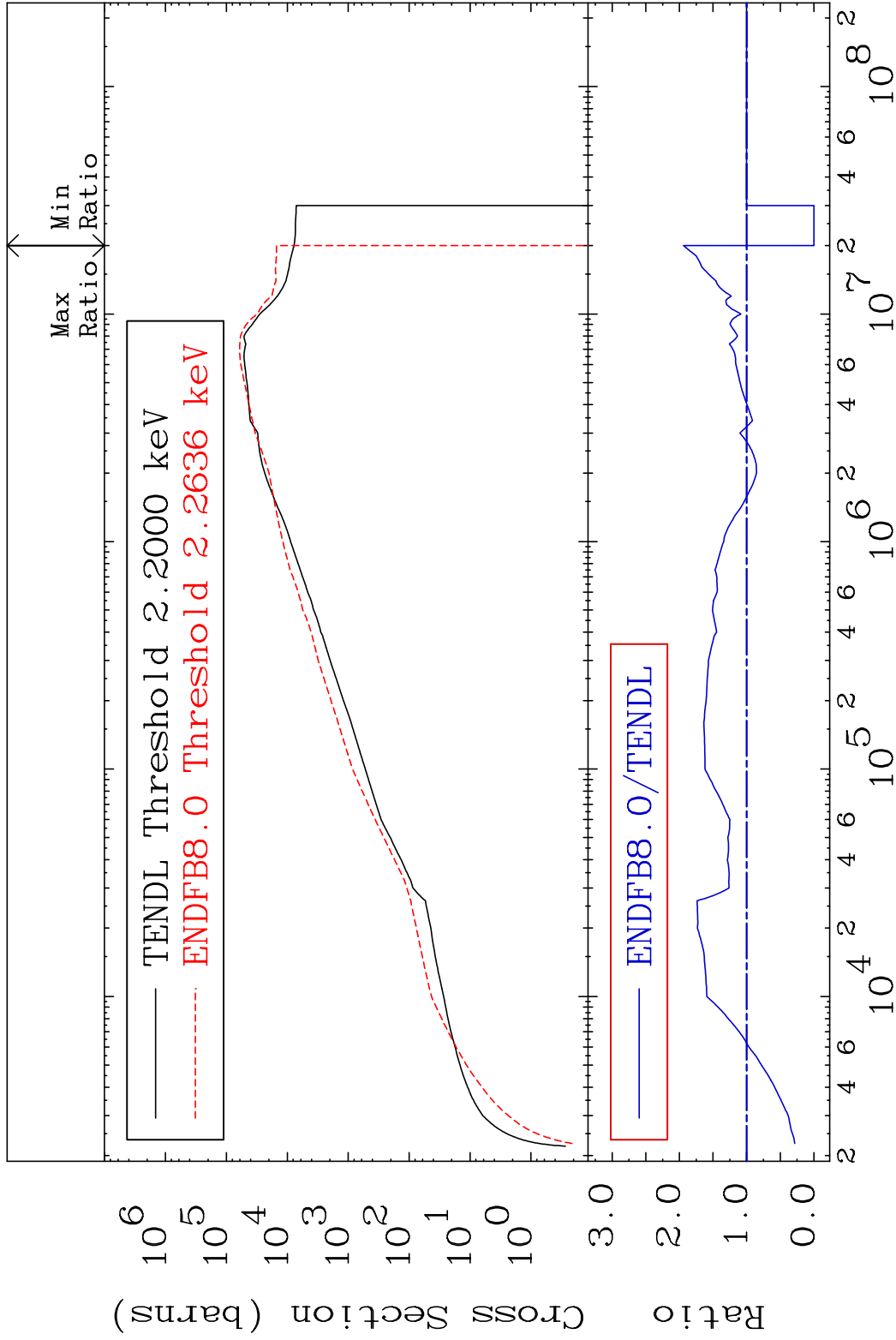


MAT 8040      Dpa elastic (mt2)      80-Hg-201  
 Cross Section      -46.22 To 31.89 %



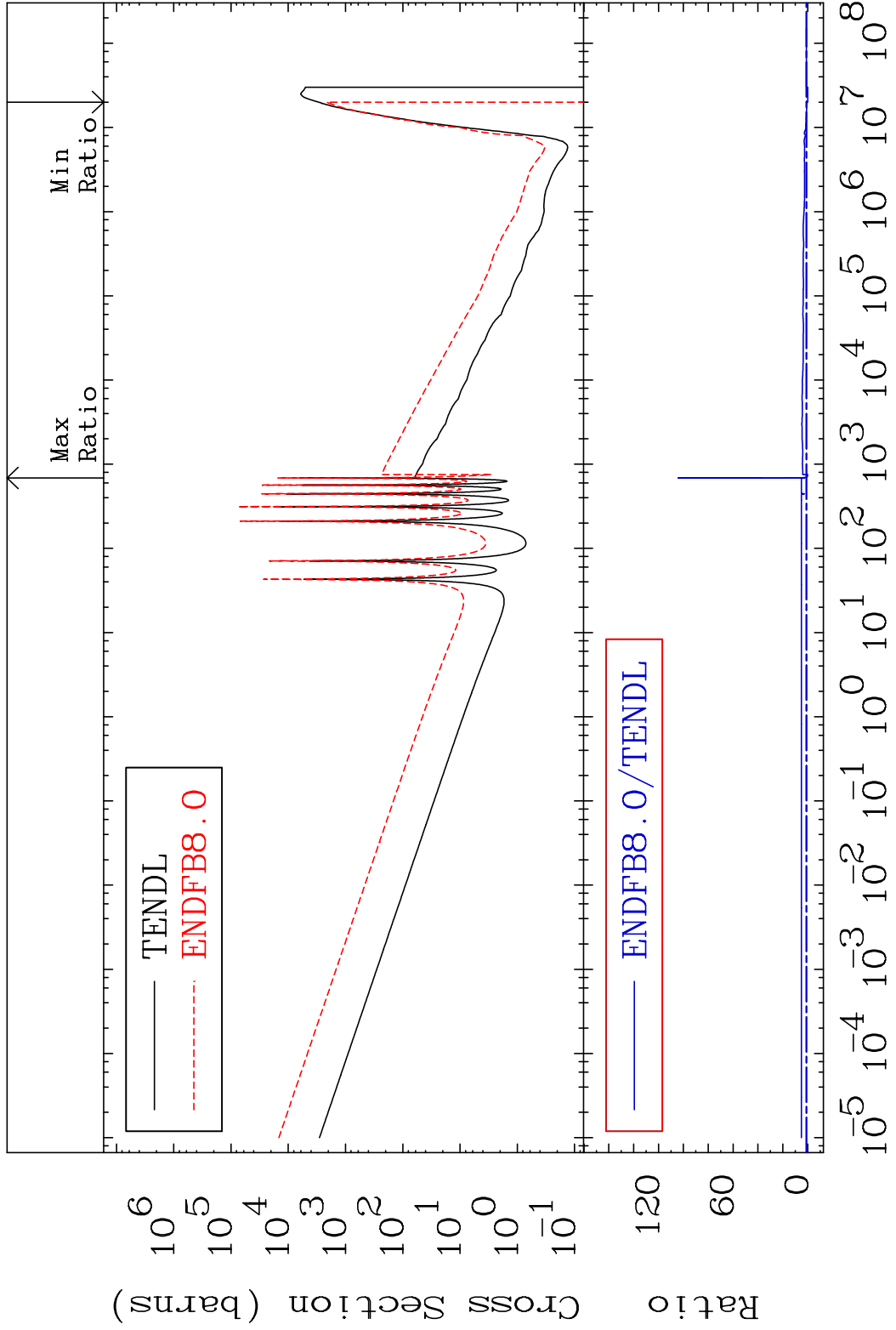
40      Incident Energy (eV)      80-Hg-201

MAT 8040 Dpa inelastic (mt51-91) 80-Hg-201  
 Cross Section -100.0 To 94.00 %



41 Incident Energy (eV) 80-Hg-201

MAT 8040 Dpa disappearance (mt102 -120) 80-Hg-201  
 Cross Section -100.0 To 9999. %



42 Incident Energy (eV) 80-Hg-201