

Program Complot  
(Version 2021-1)

by

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(Present Contact Information)

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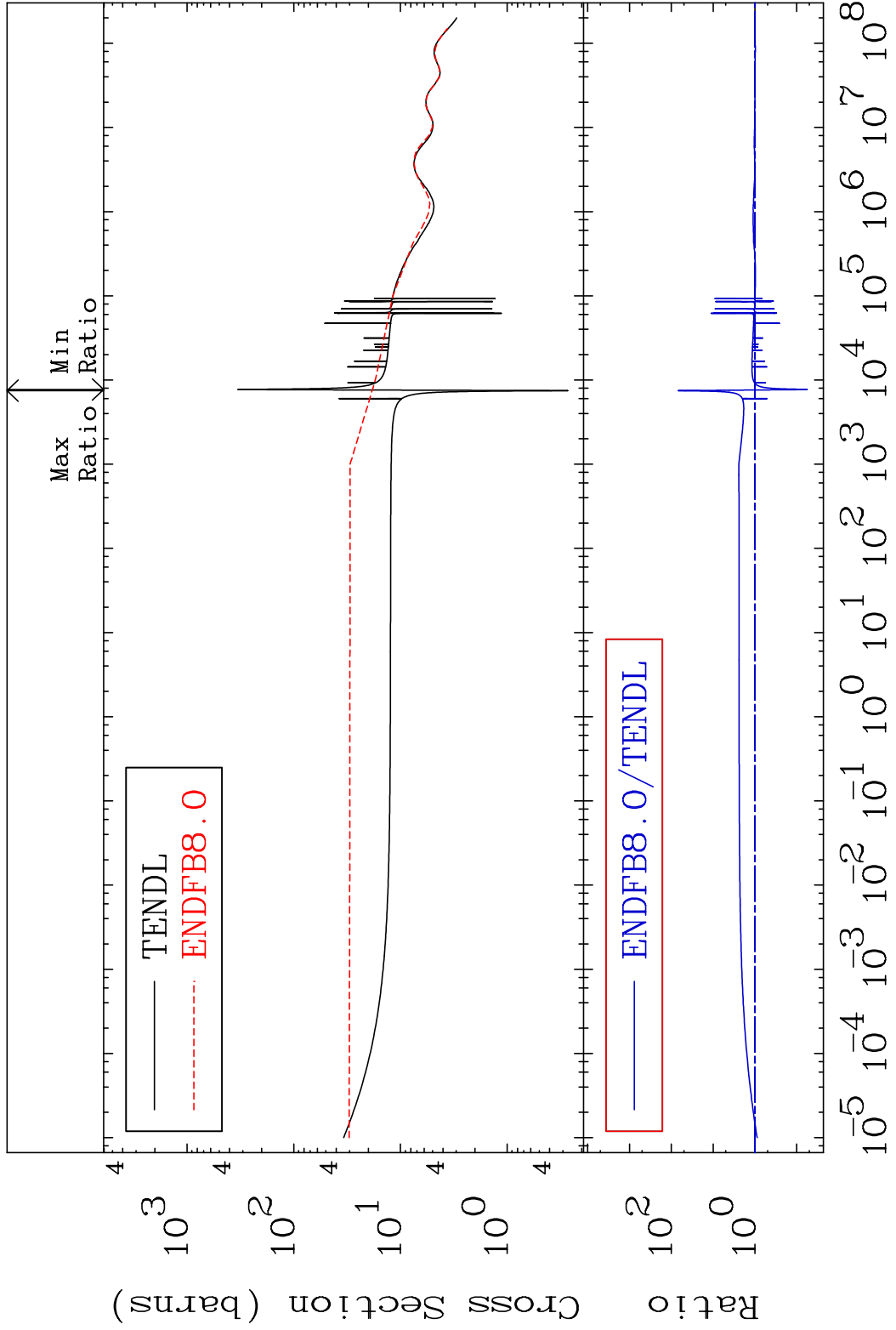
U.S.A.

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

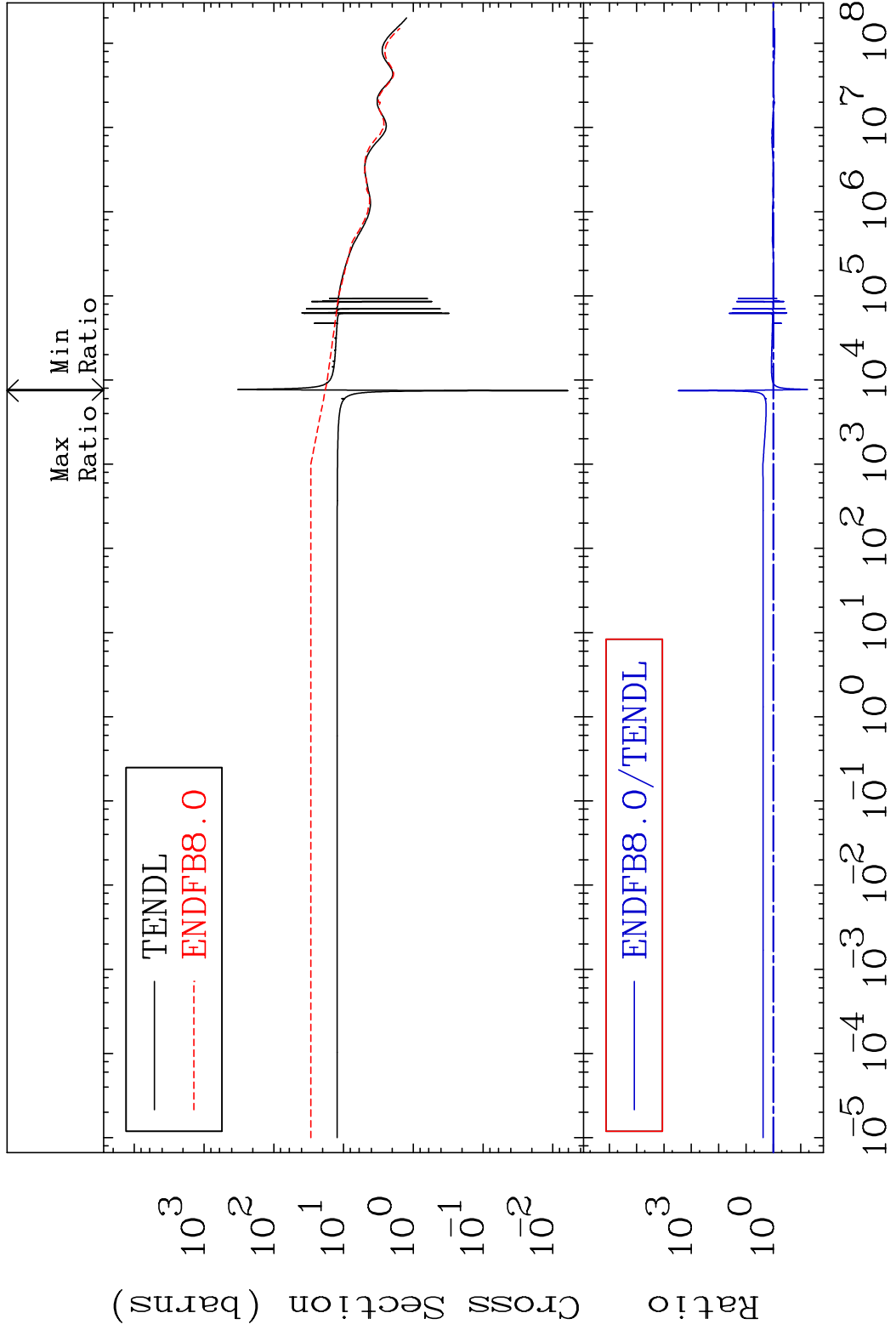
Press Mouse Button to Start

MAT 8049                      Total                      80-Hg-204  
 Cross Section                      -94.53 To 6715. %

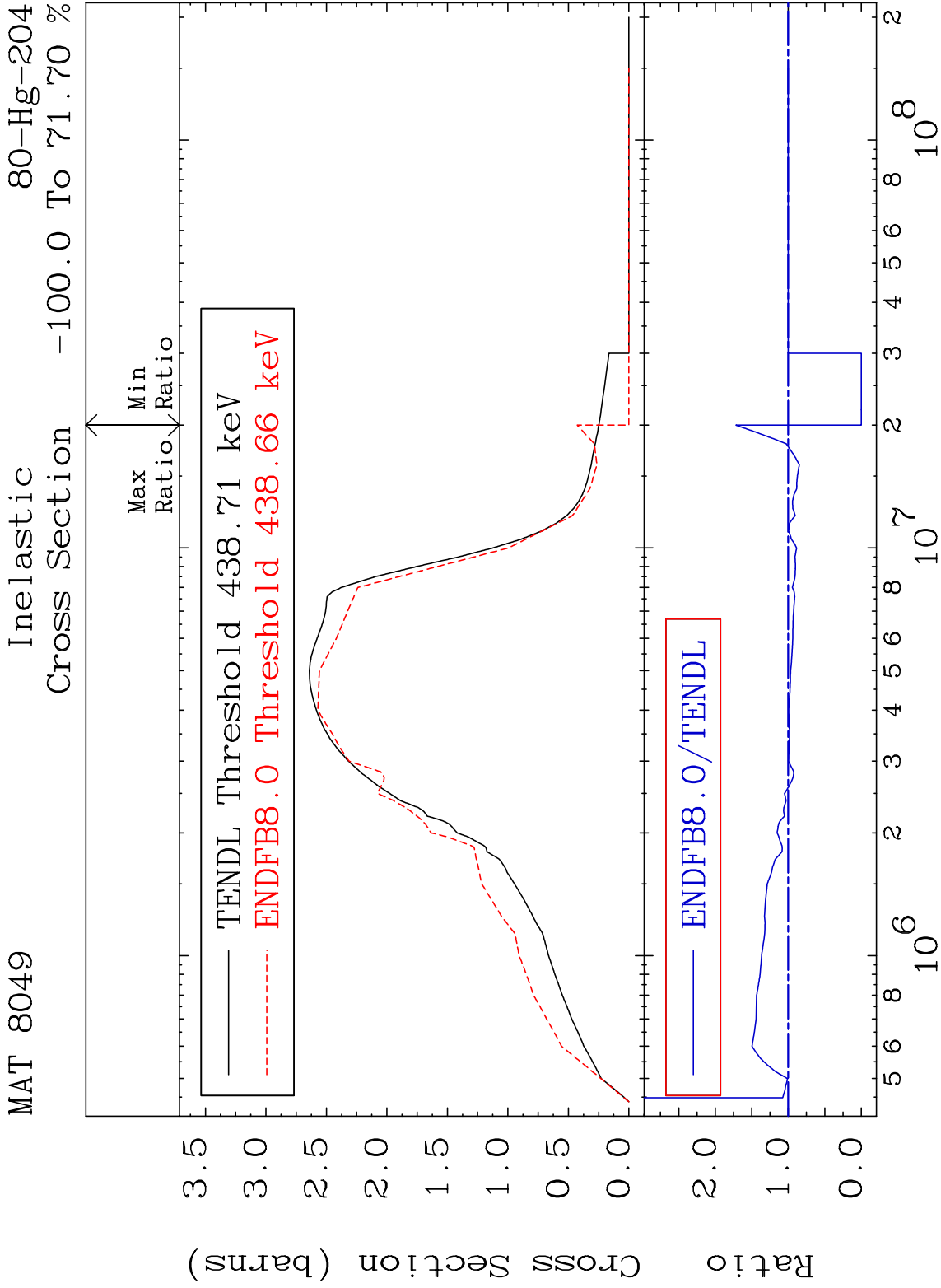


1                      Incident Energy (eV)                      80-Hg-204

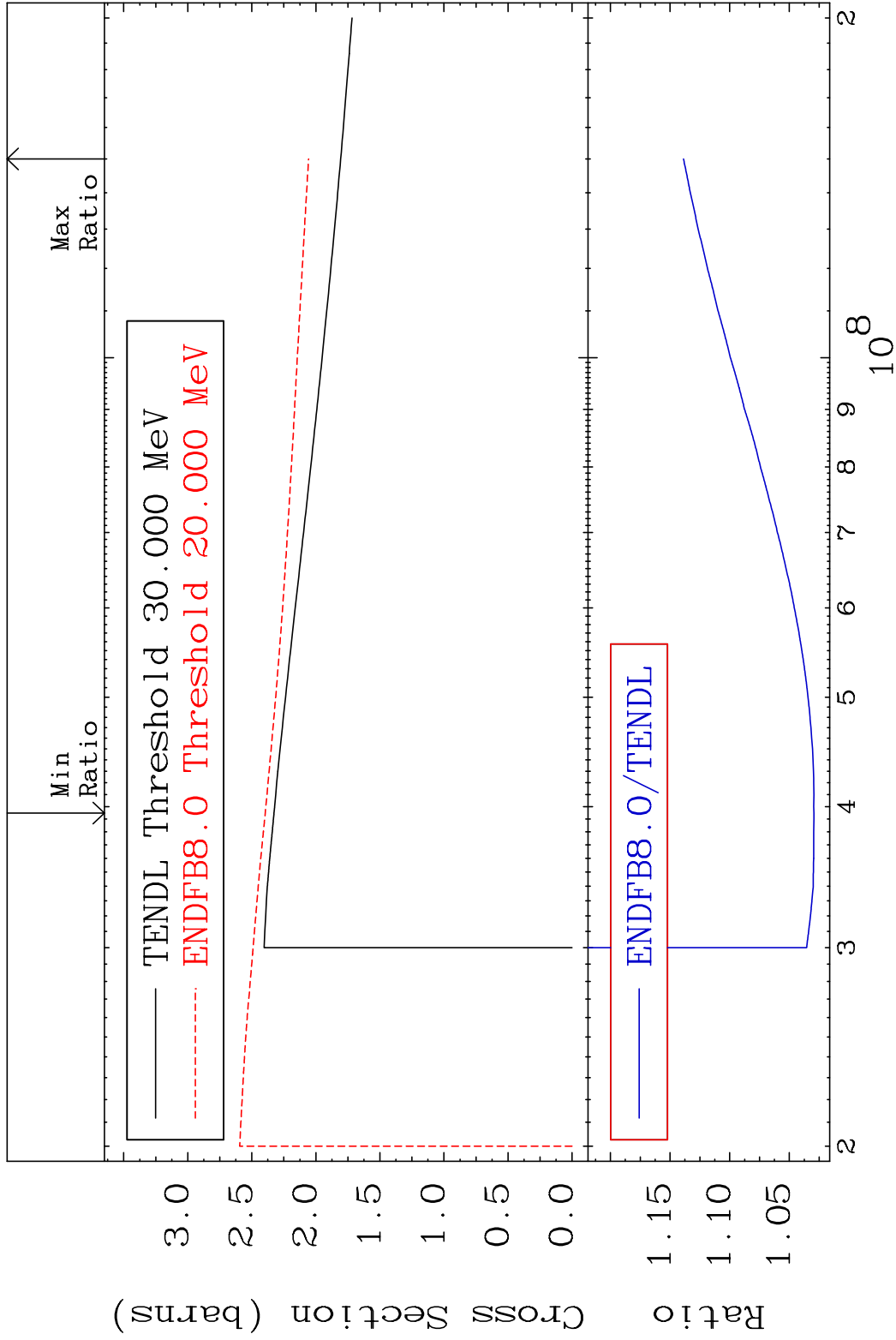
MAT 8049                      Elastic                      80-Hg-204  
 Cross Section                      -94.44 To 9999. %



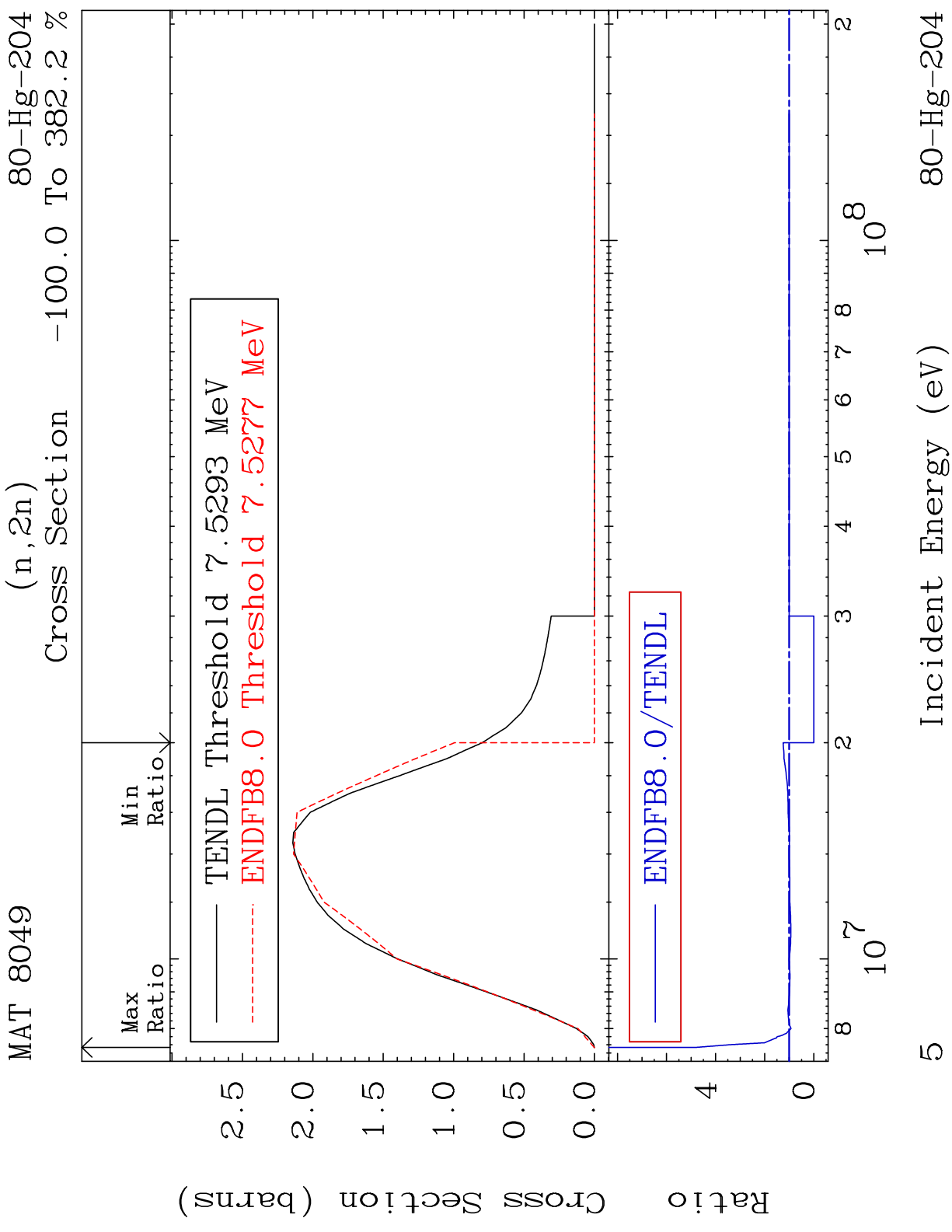
2                      Incident Energy (eV)                      80-Hg-204



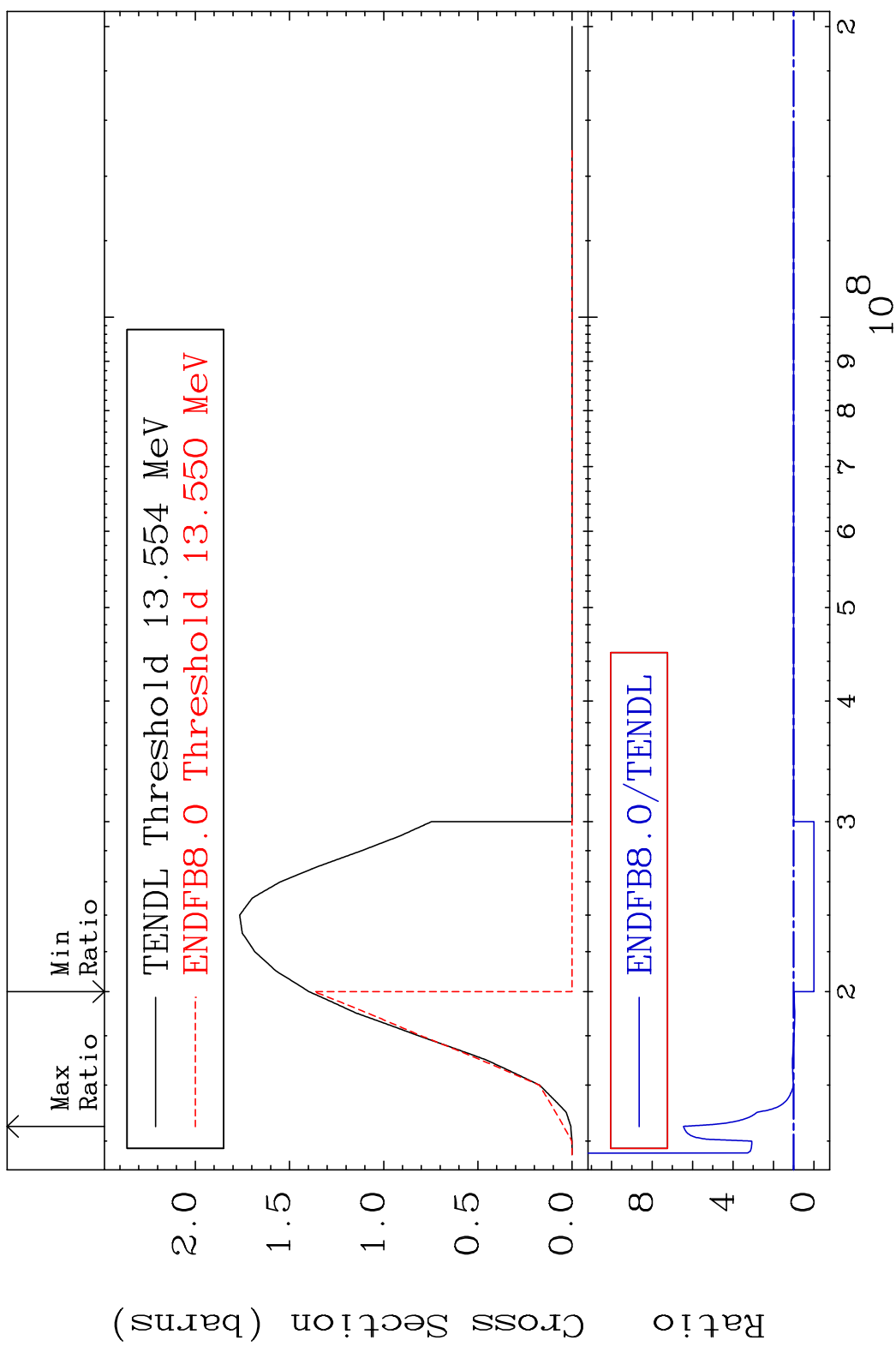
MAT 8049 (n, remainder) 80-Hg-204  
 Cross Section 2.943 To 13.88 %



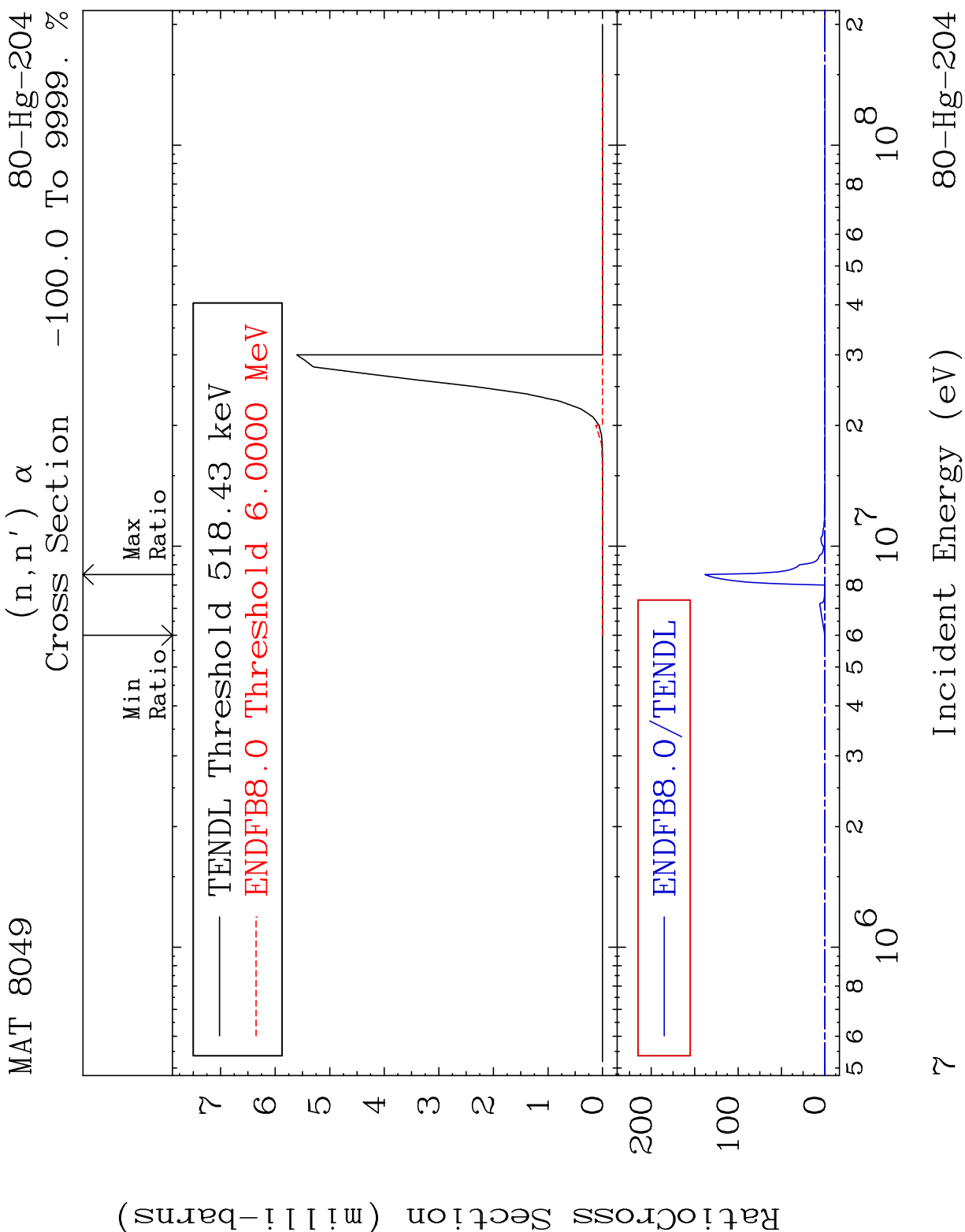
4 Incident Energy (eV) 80-Hg-204



MAT 8049 (n,3n) 80-Hg-204  
 Cross Section -100.0 To 544.9 %

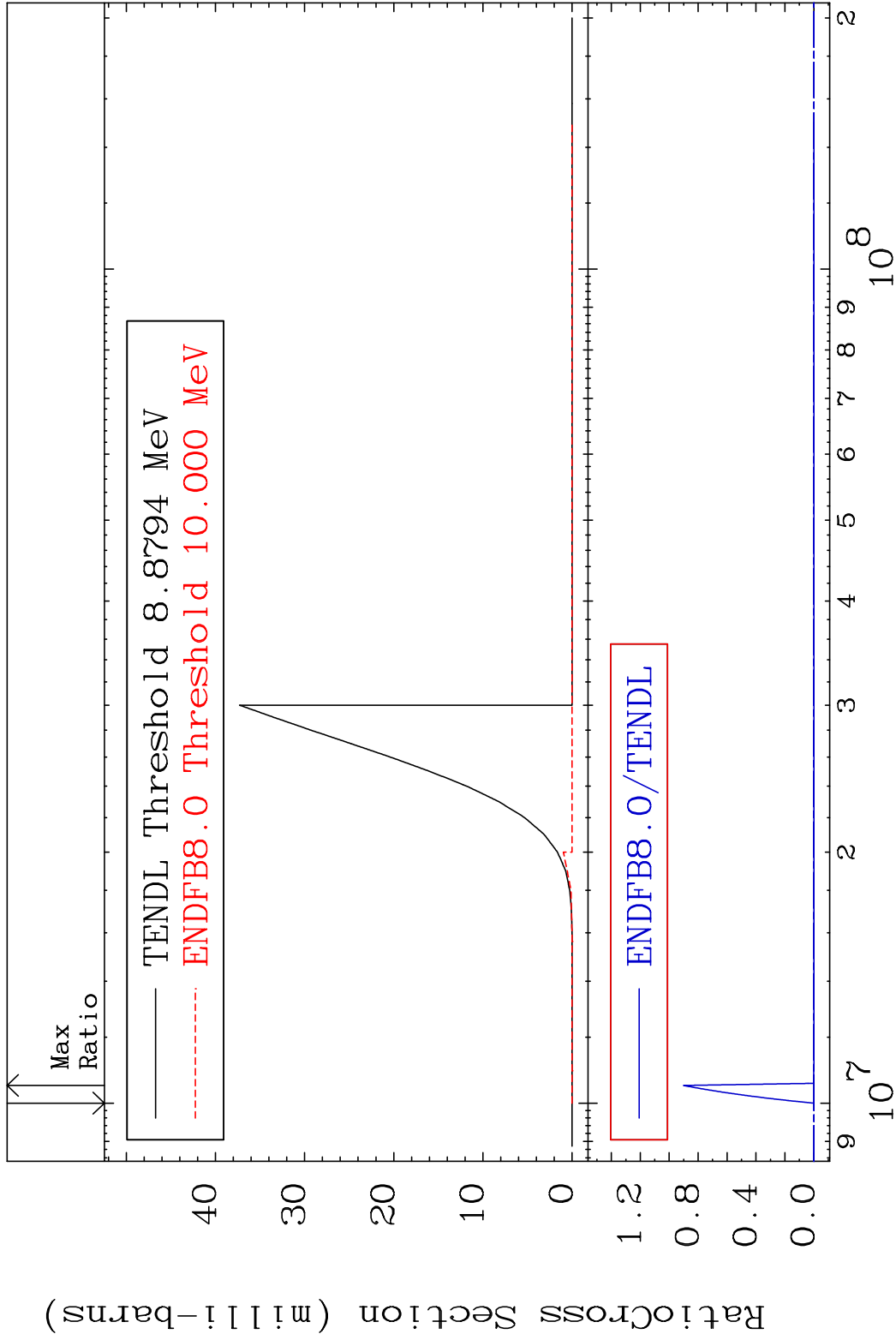


6 Incident Energy (eV) 80-Hg-204



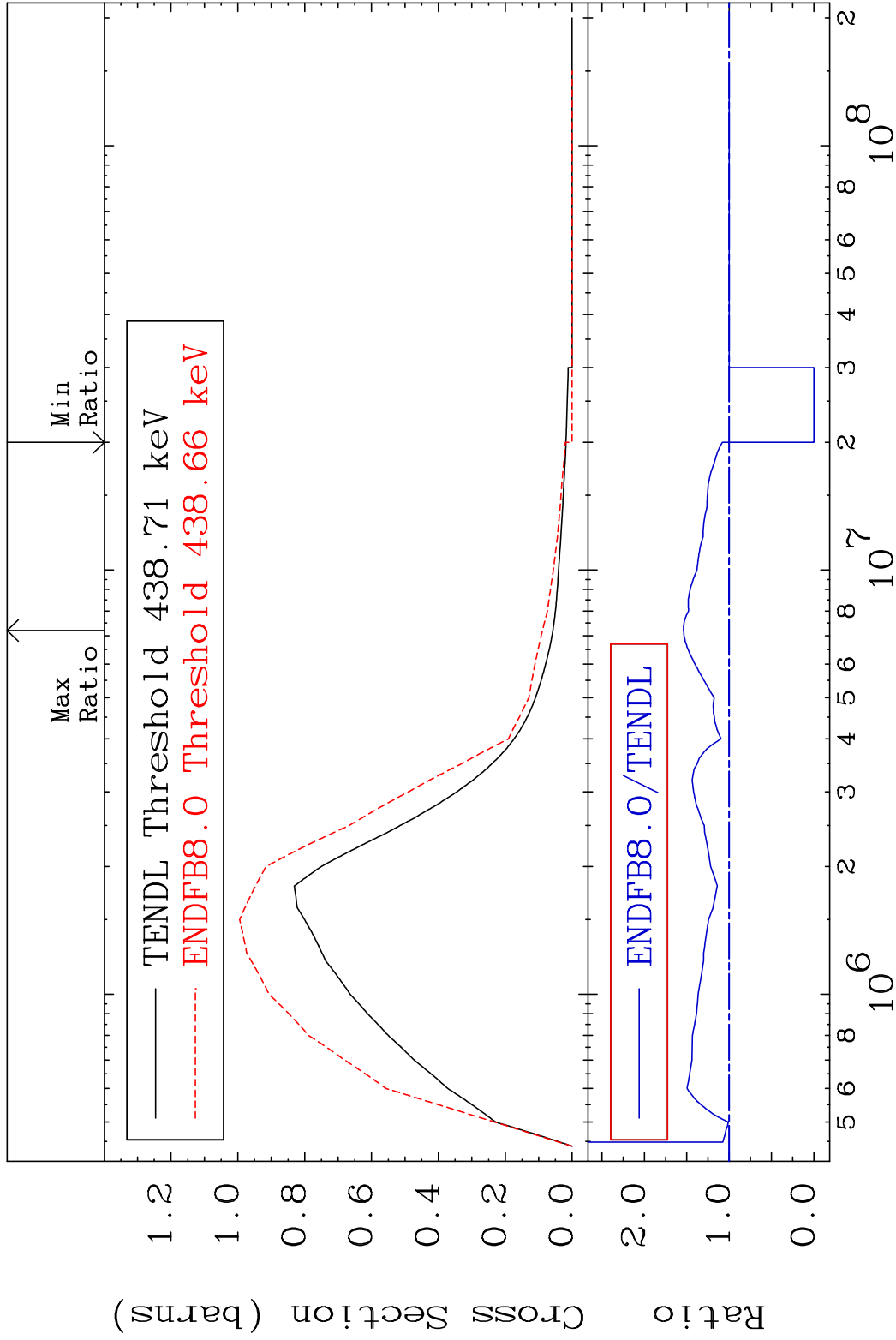


MAT 8049 (n, n') p 80-Hg-204  
 Cross Section -100.0 To 9999. %

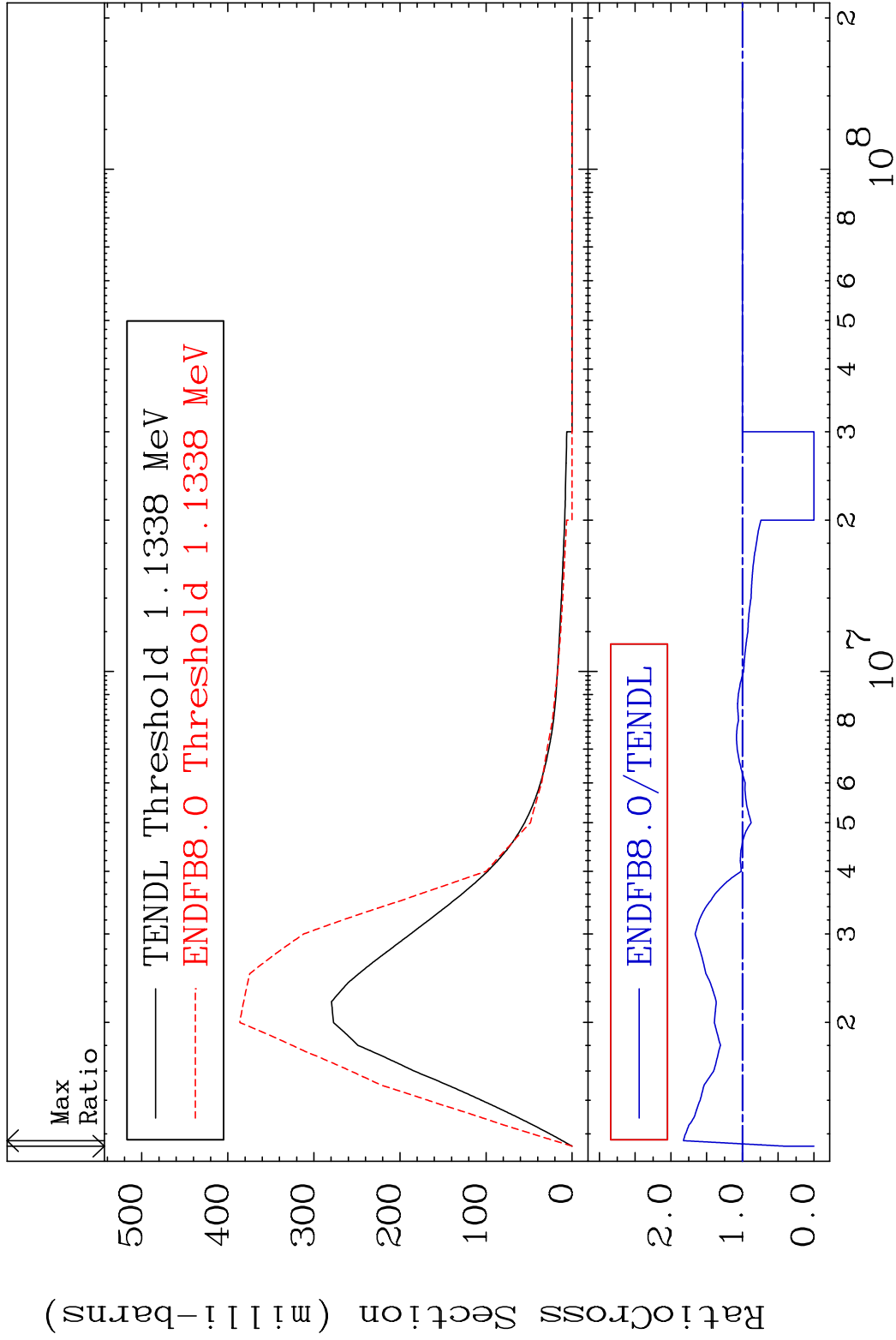


8 80-Hg-204

MAT 8049 MT= 51 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 53.91 %

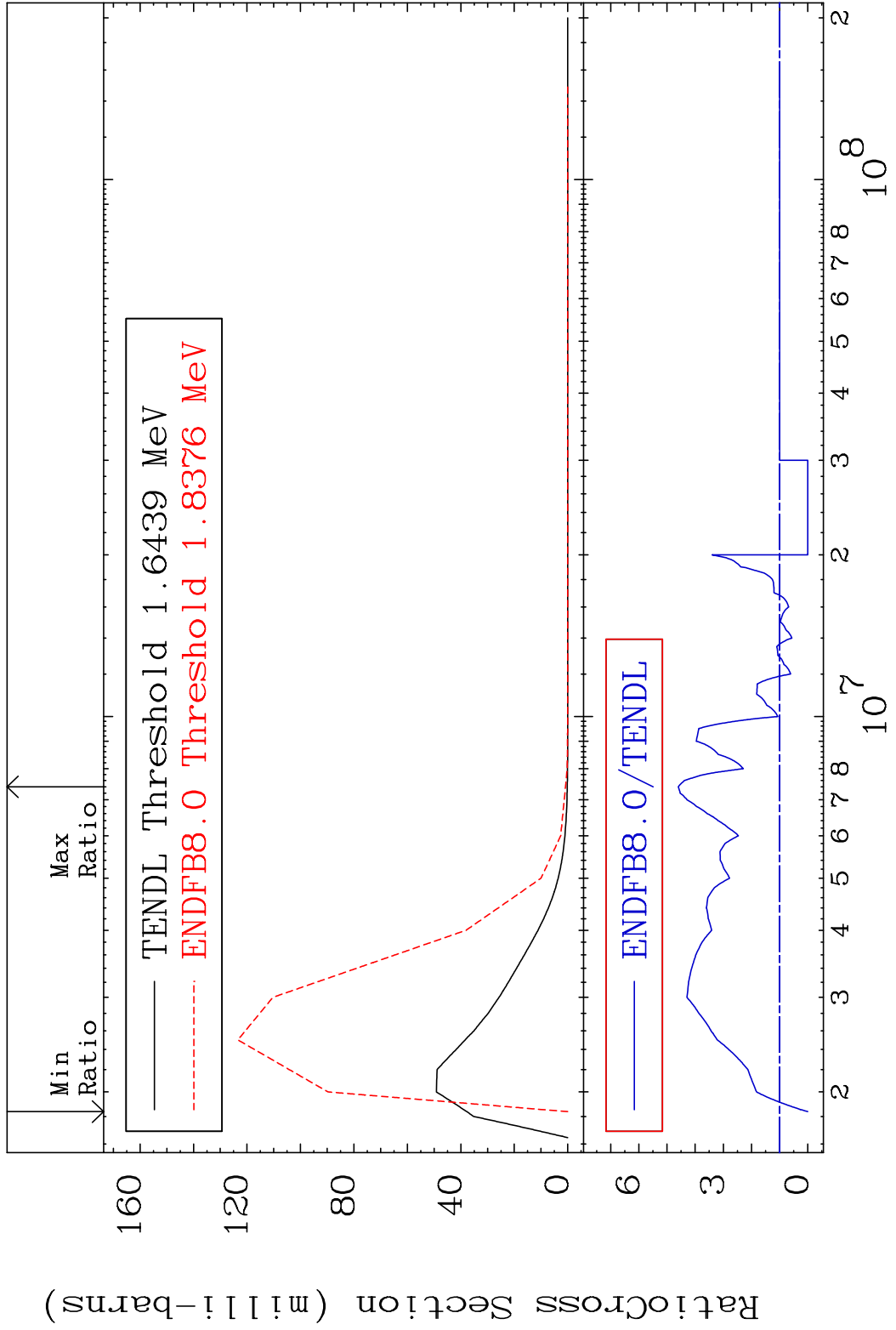


MAT 8049 MT= 52 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 82.45 %



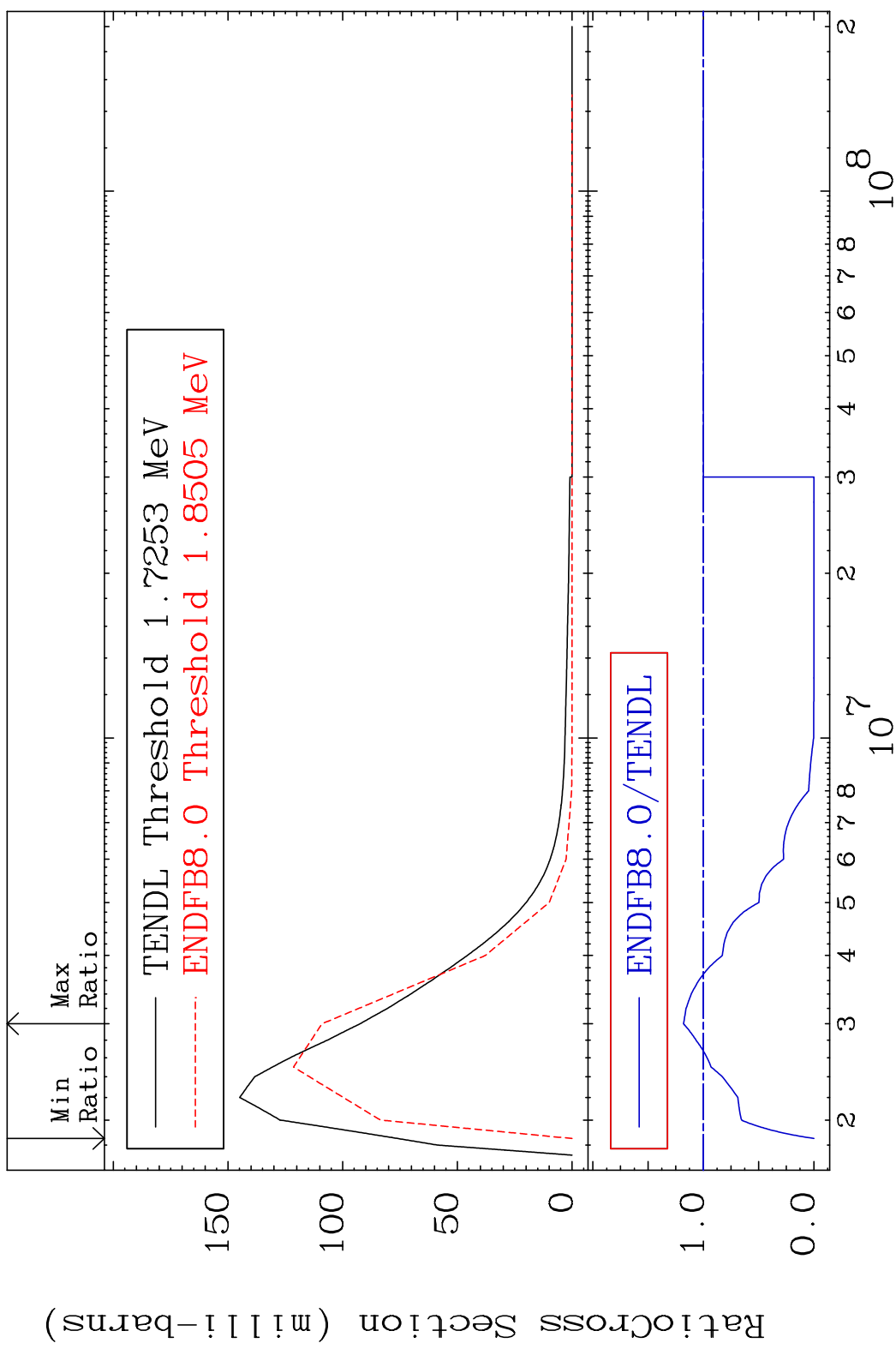
10 Incident Energy (eV) 80-Hg-204

MAT 8049 MT= 53 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 360.1 %



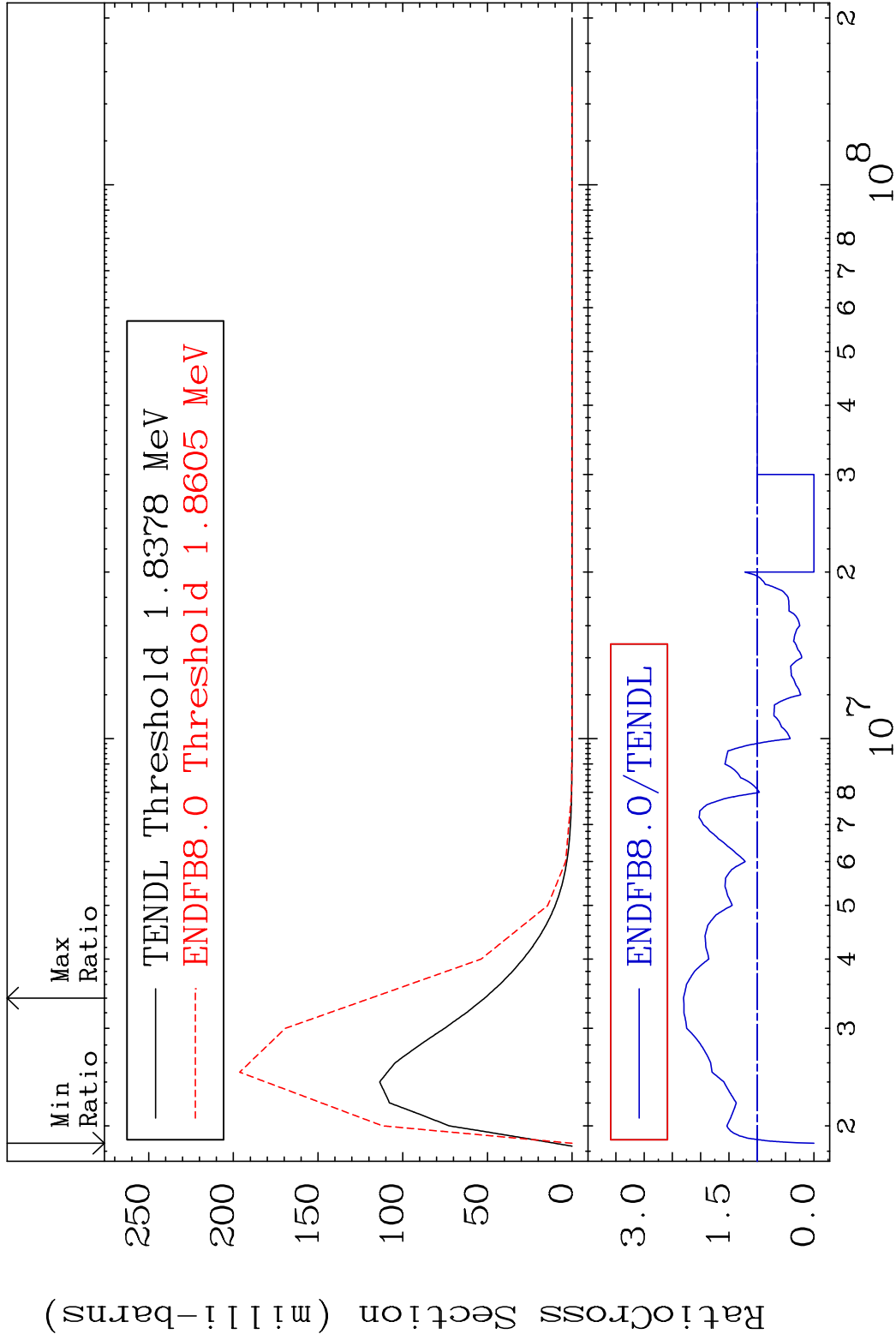
11 Incident Energy (eV) 80-Hg-204

MAT 8049 MT= 54 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 18.00 %



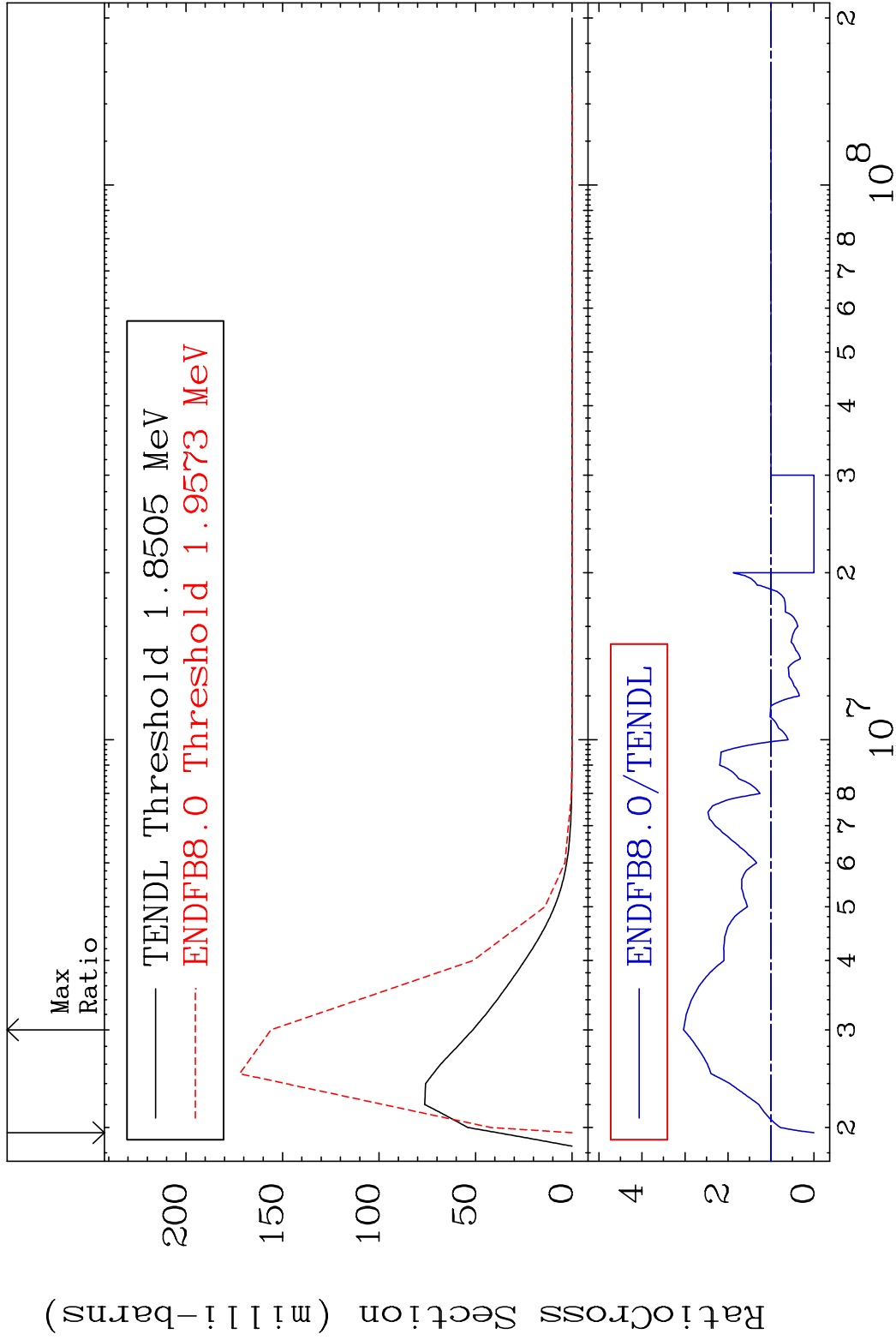
12 Incident Energy (eV) 80-Hg-204

MAT 8049 MT= 55 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 130.5 %



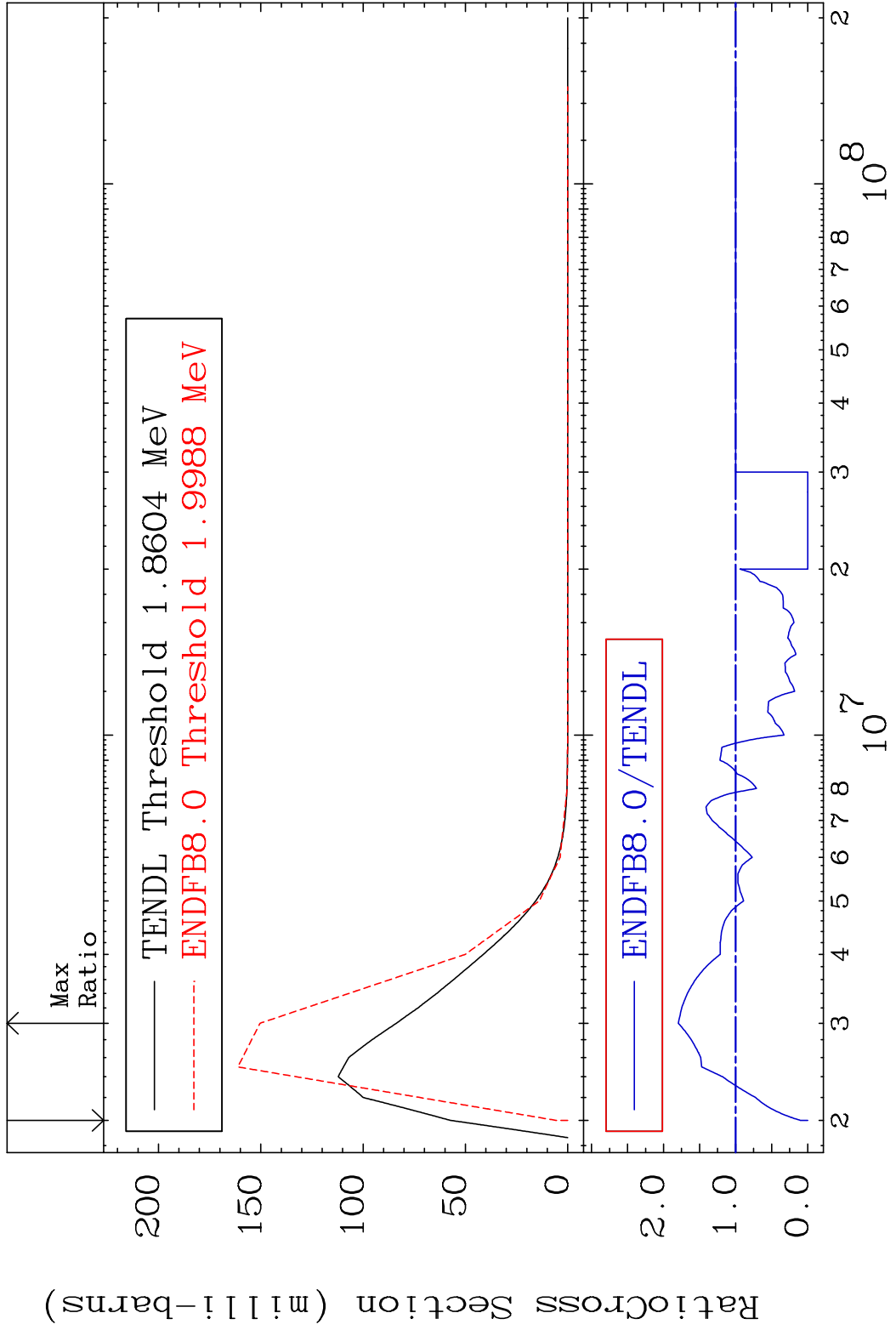
13 Incident Energy (eV) 80-Hg-204

MAT 8049 MT= 56 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 203.5 %



14 Incident Energy (eV) 80-Hg-204

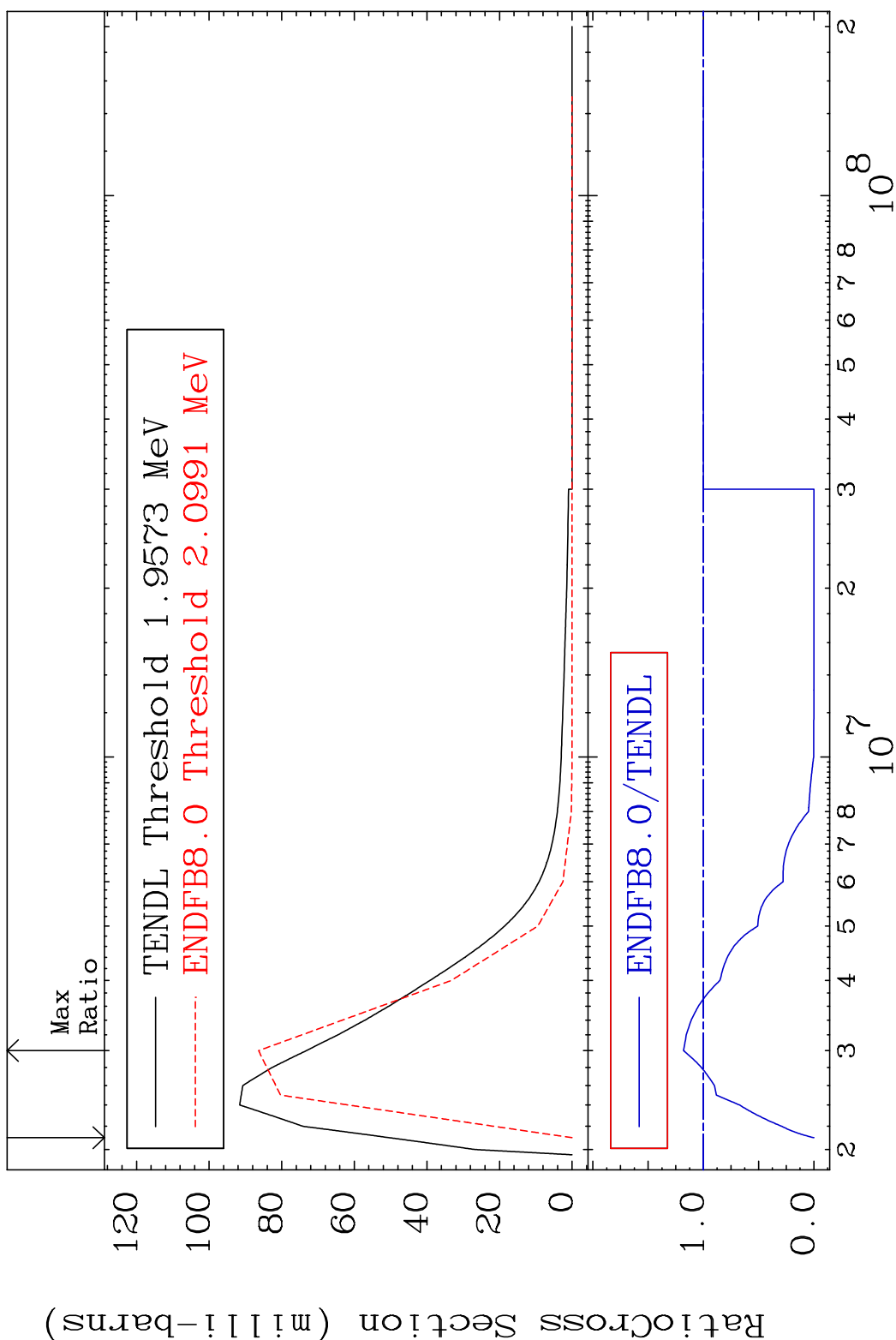
MAT 8049 MT= 57 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 79.60 %



15 Incident Energy (eV) 80-Hg-204

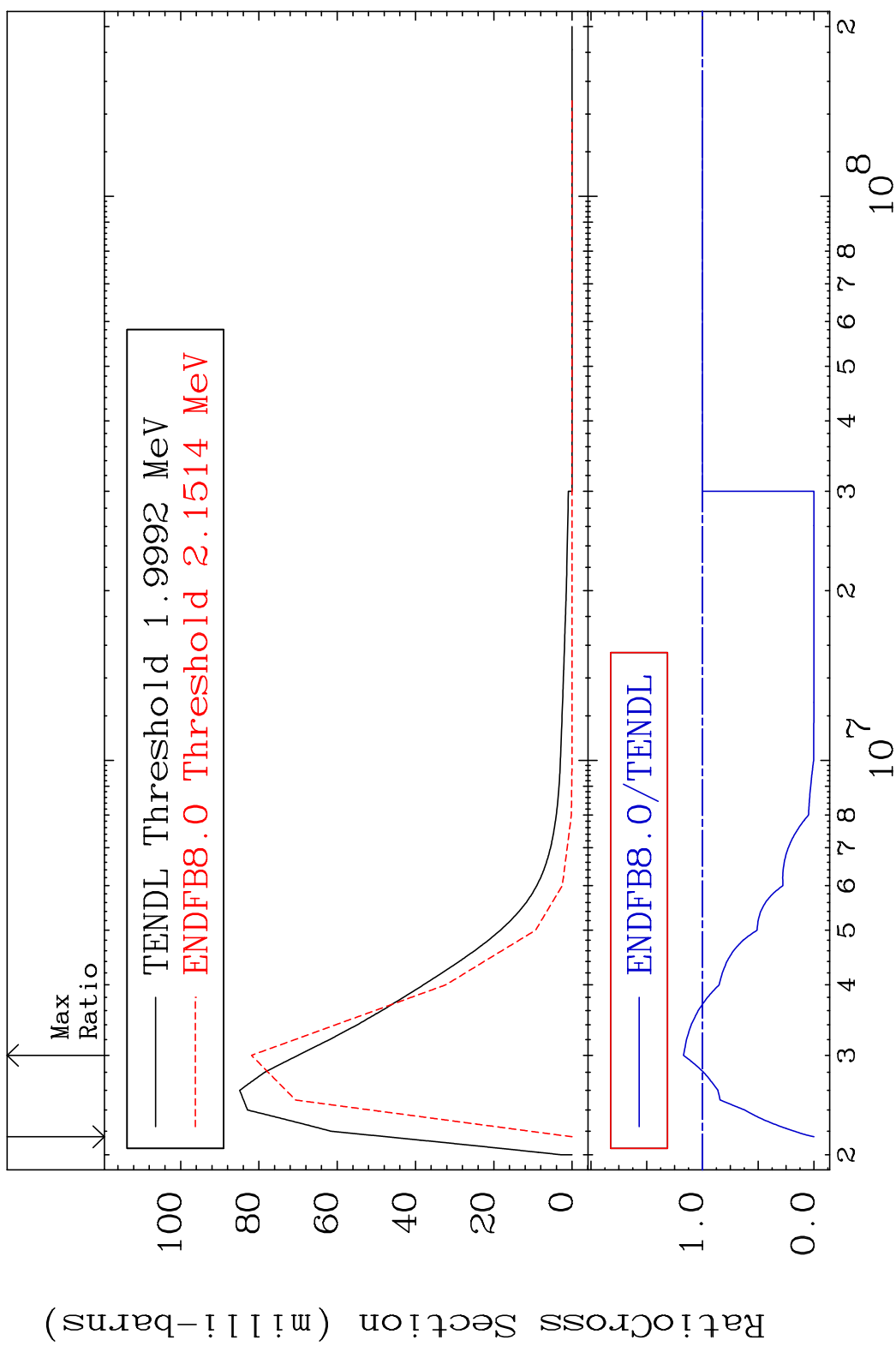


MAT 8049 MT= 58 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 18.01 %



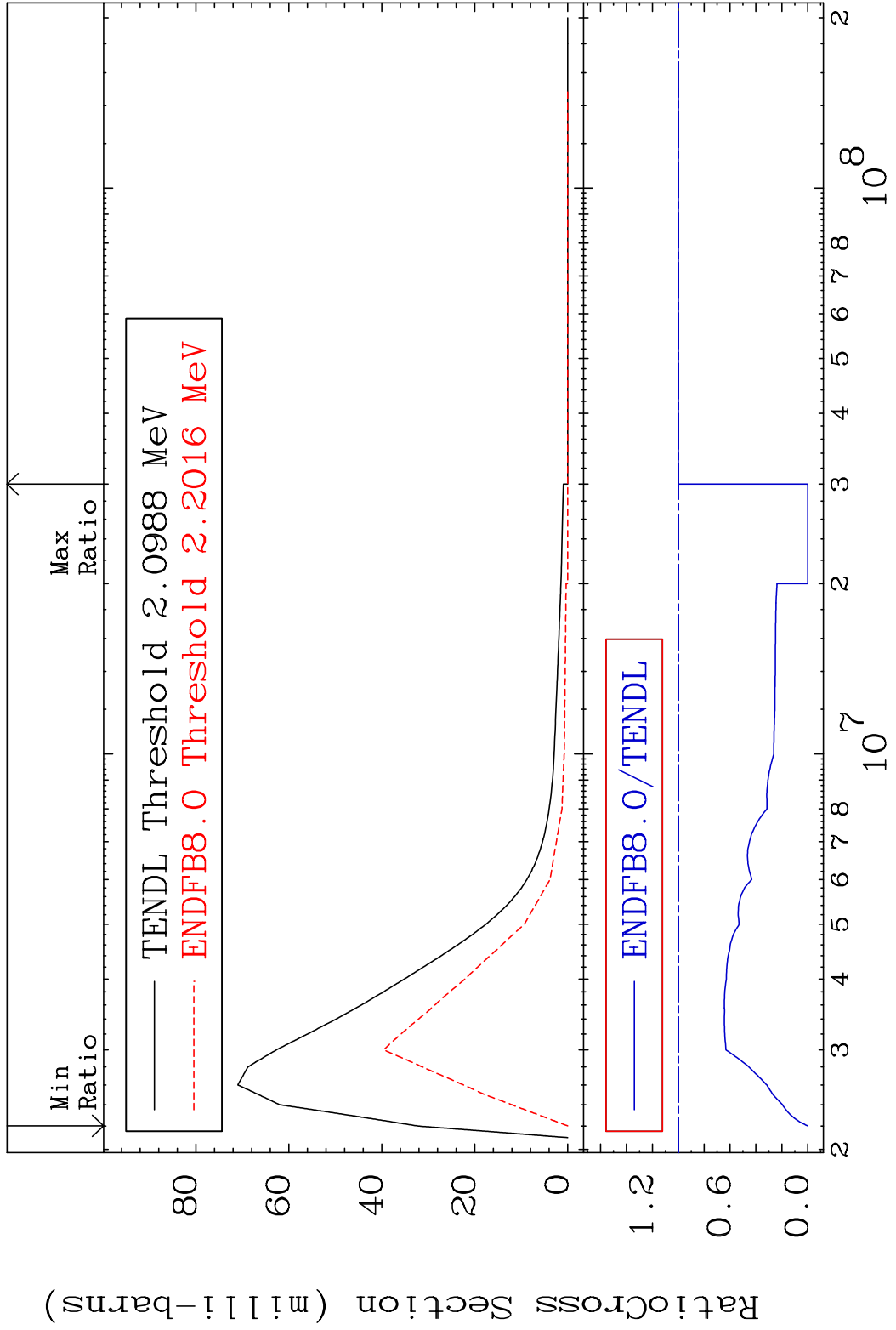
16 Incident Energy (eV) 80-Hg-204

MAT 8049 MT= 59 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 17.00 %



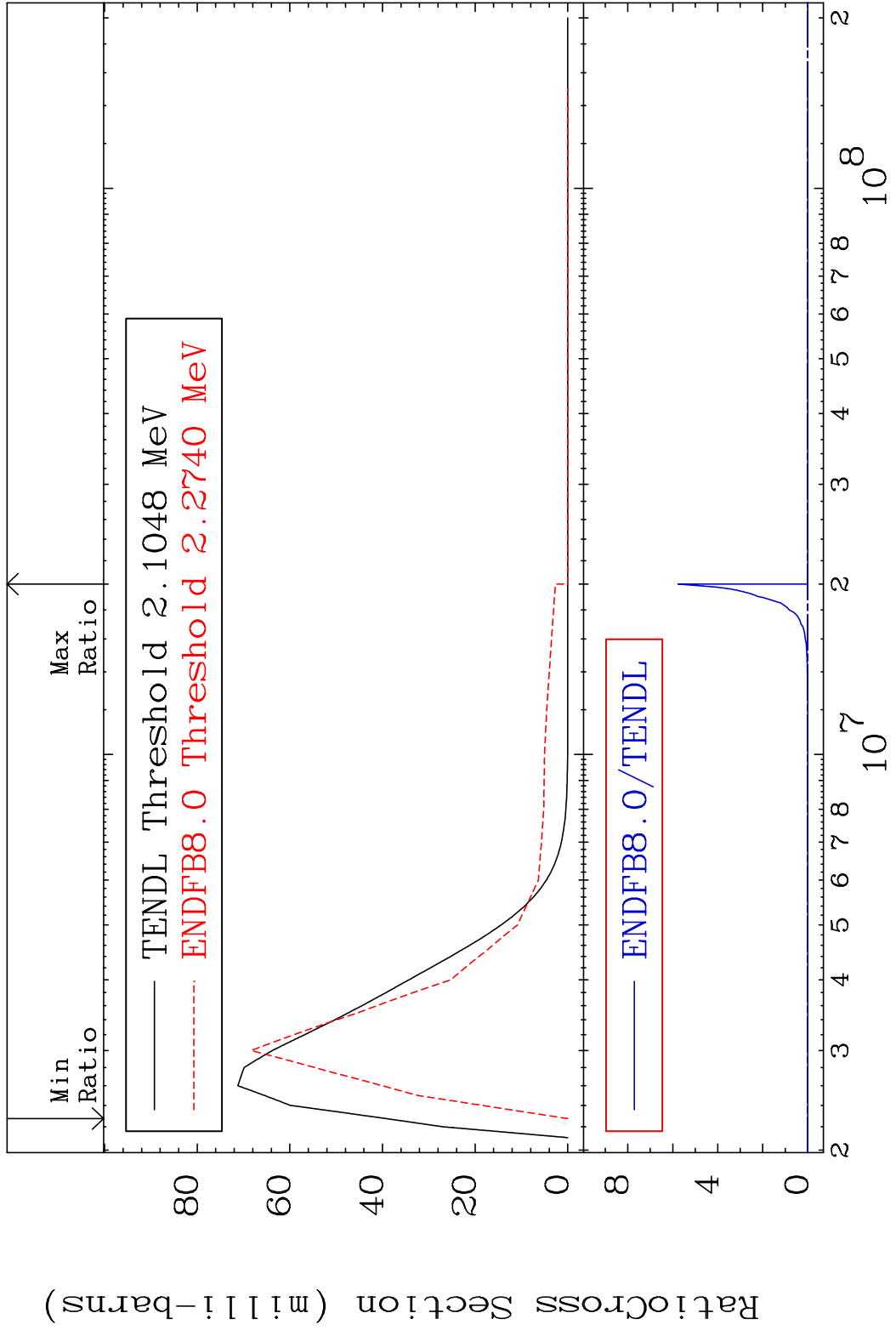
17 80-Hg-204

MAT 8049 MT= 60 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 0.000 %



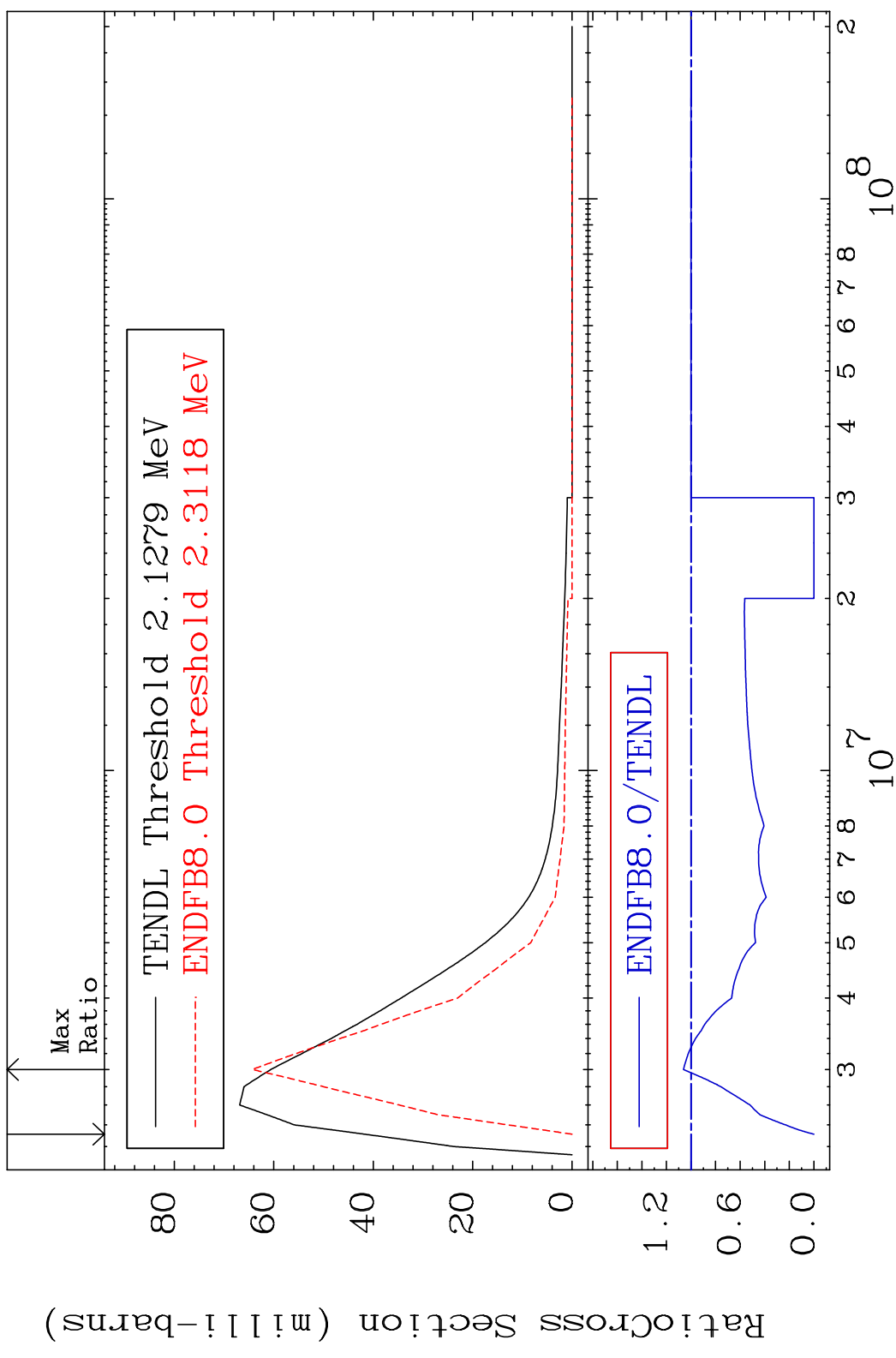
18 80-Hg-204

MAT 8049 MT= 61 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 9999. %



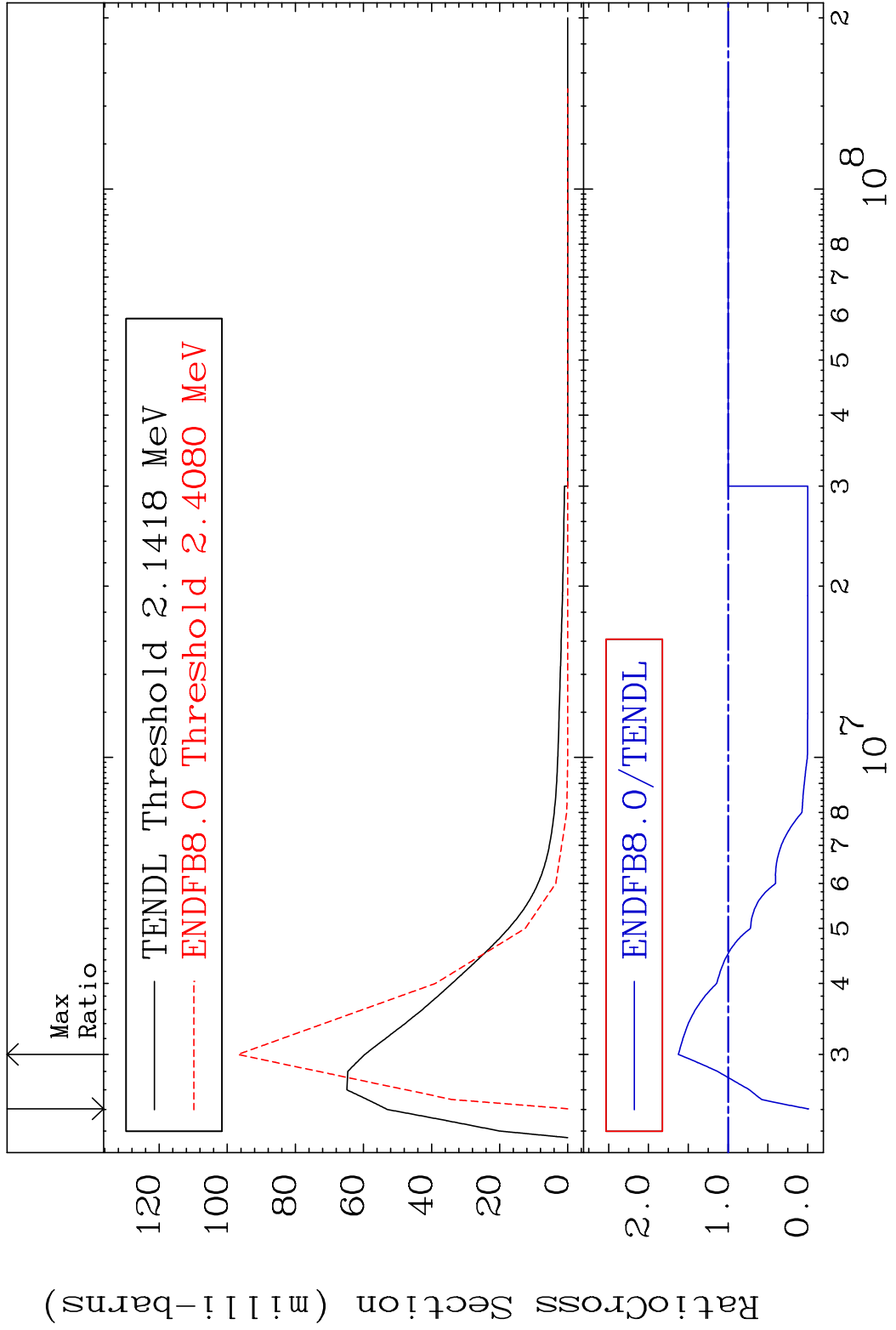
19 80-Hg-204

MAT 8049 MT= 62 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 6.142 %

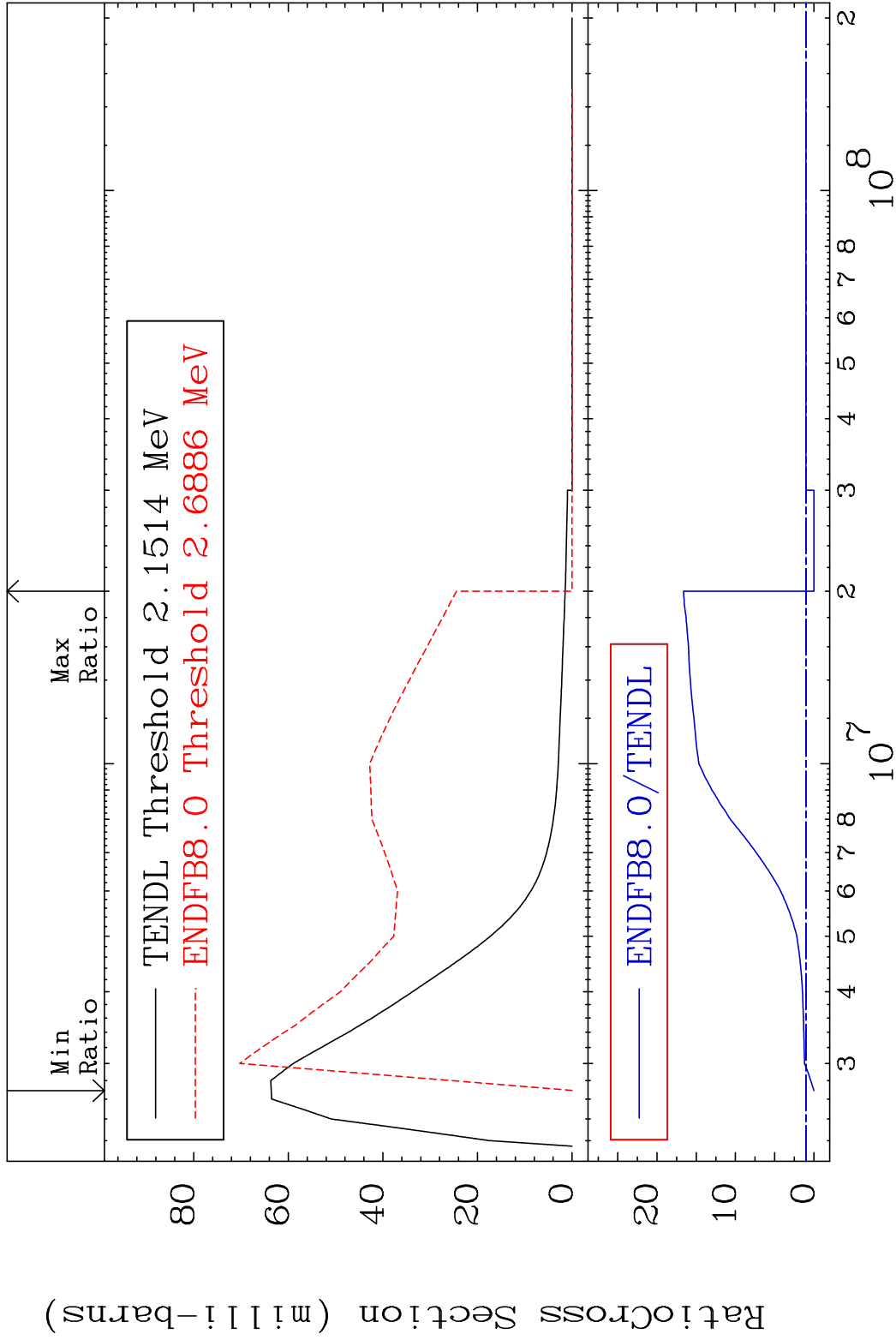


20 80-Hg-204

MAT 8049 MT= 63 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 62.55 %

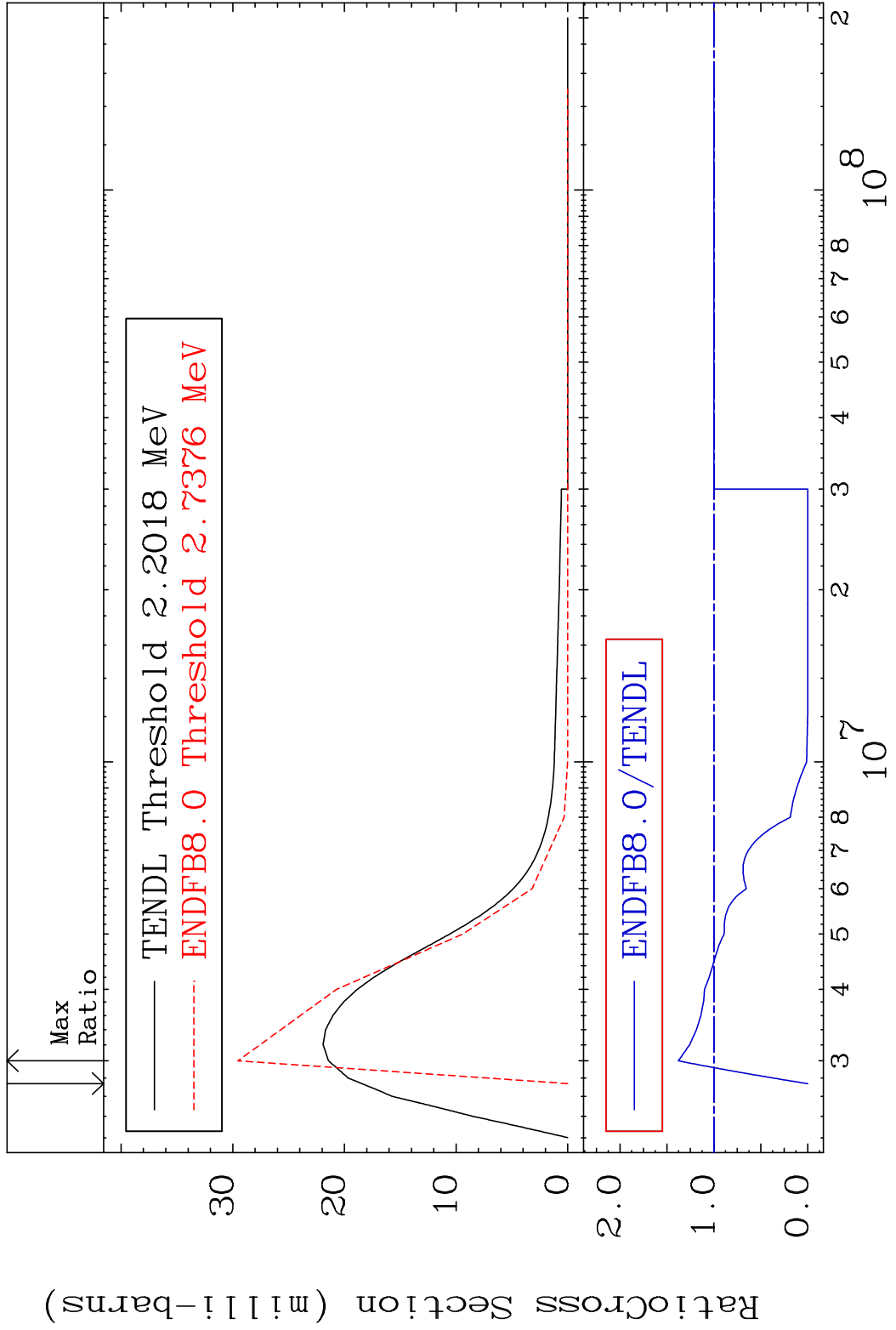


MAT 8049 MT= 64 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 1563. %



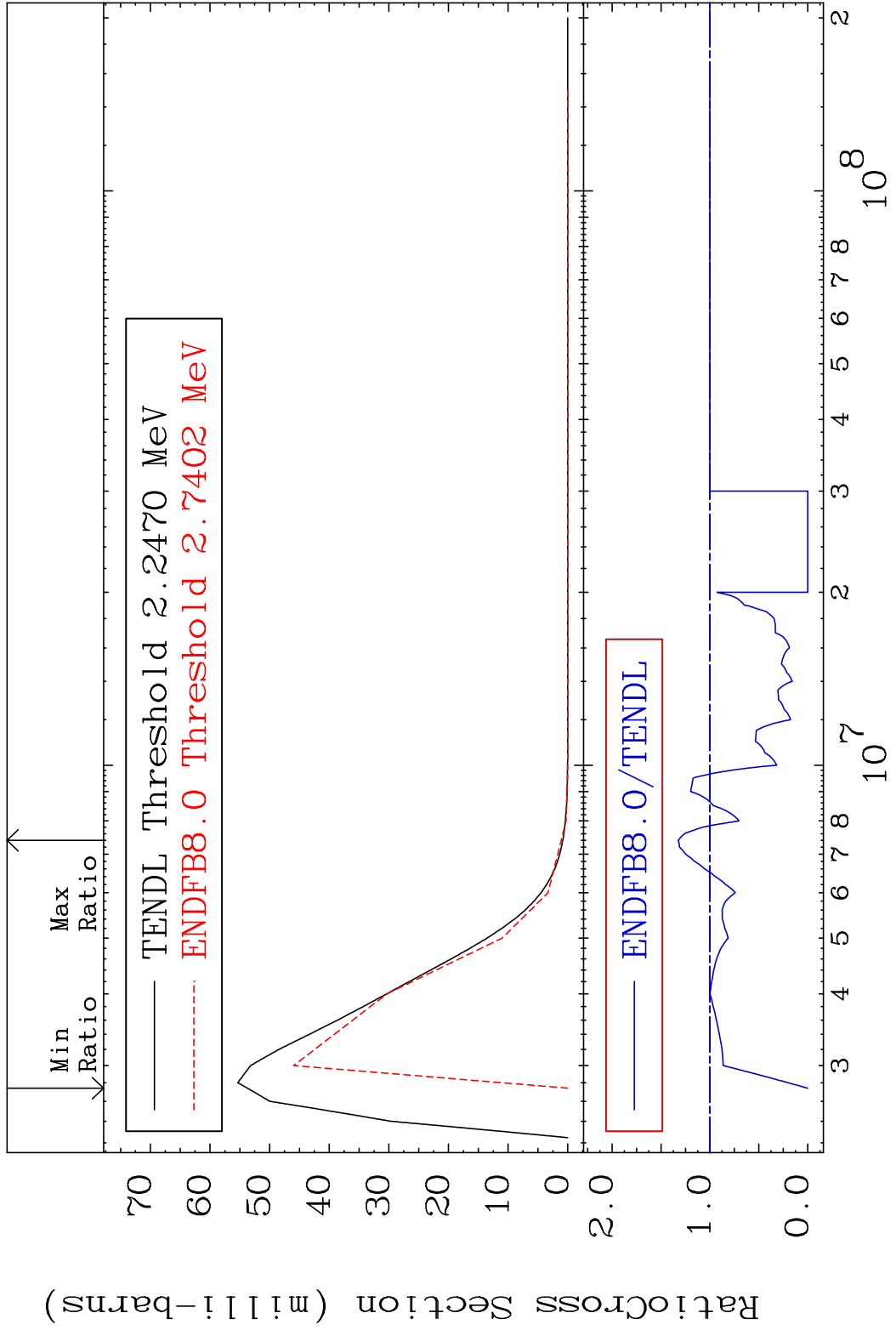
22 Incident Energy (eV) 80-Hg-204

MAT 8049 MT= 65 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 37.89 %

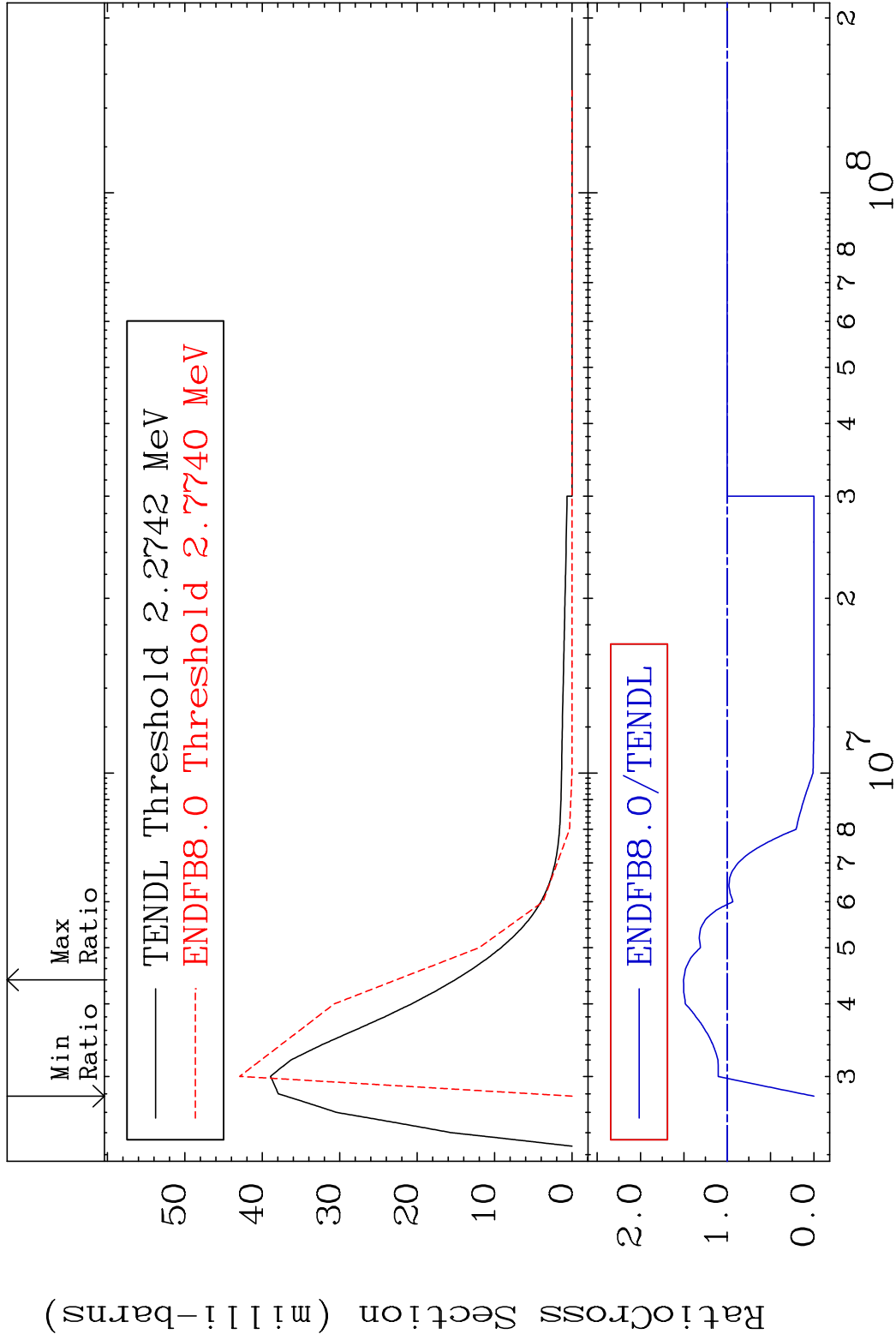




MAT 8049 MT= 66 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 32.36 %

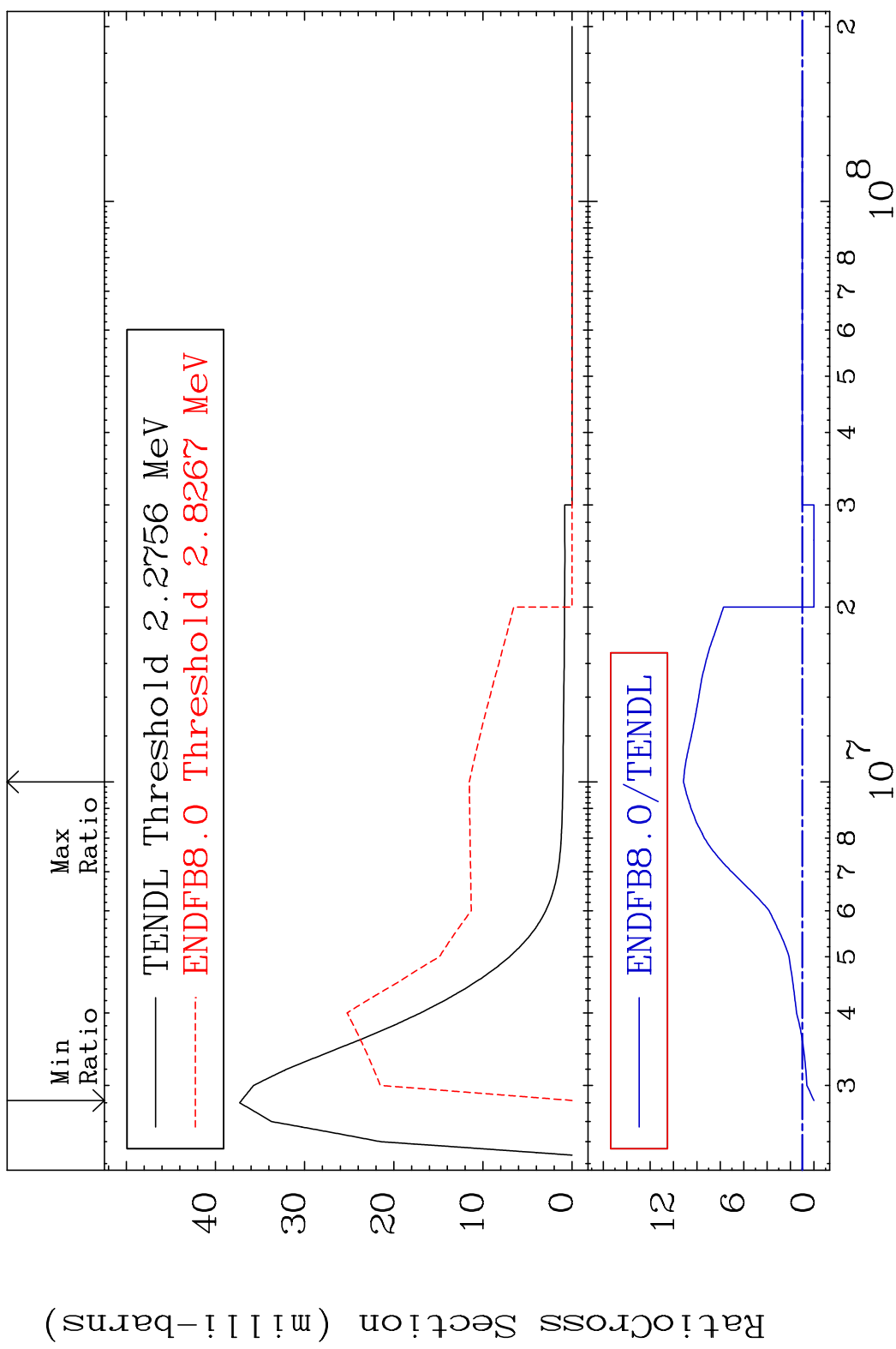


MAT 8049 MT= 67 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 50.45 %



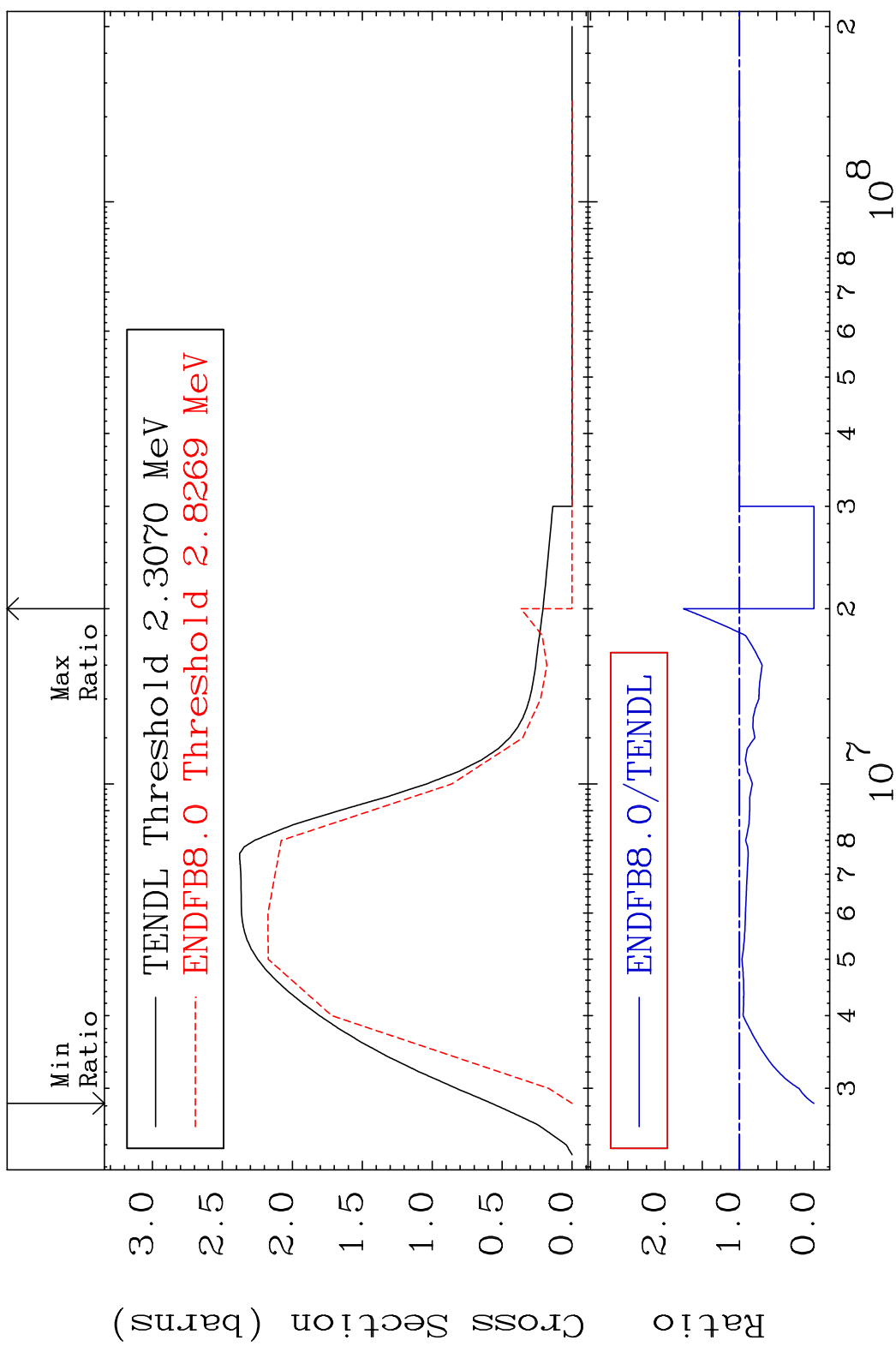
25 Incident Energy (eV) 80-Hg-204

MAT 8049 MT= 68 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 1015. %

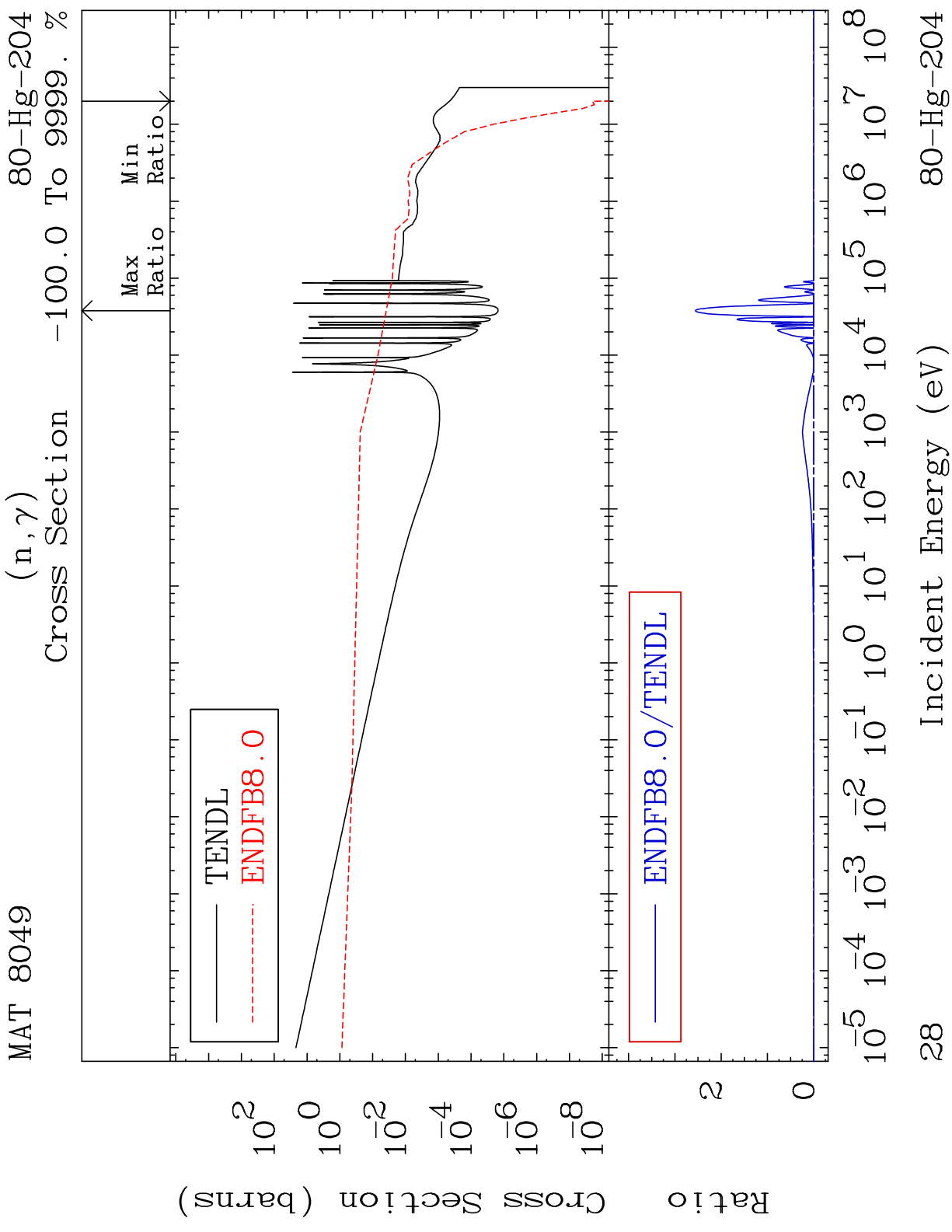


26 Incident Energy (eV) 80-Hg-204

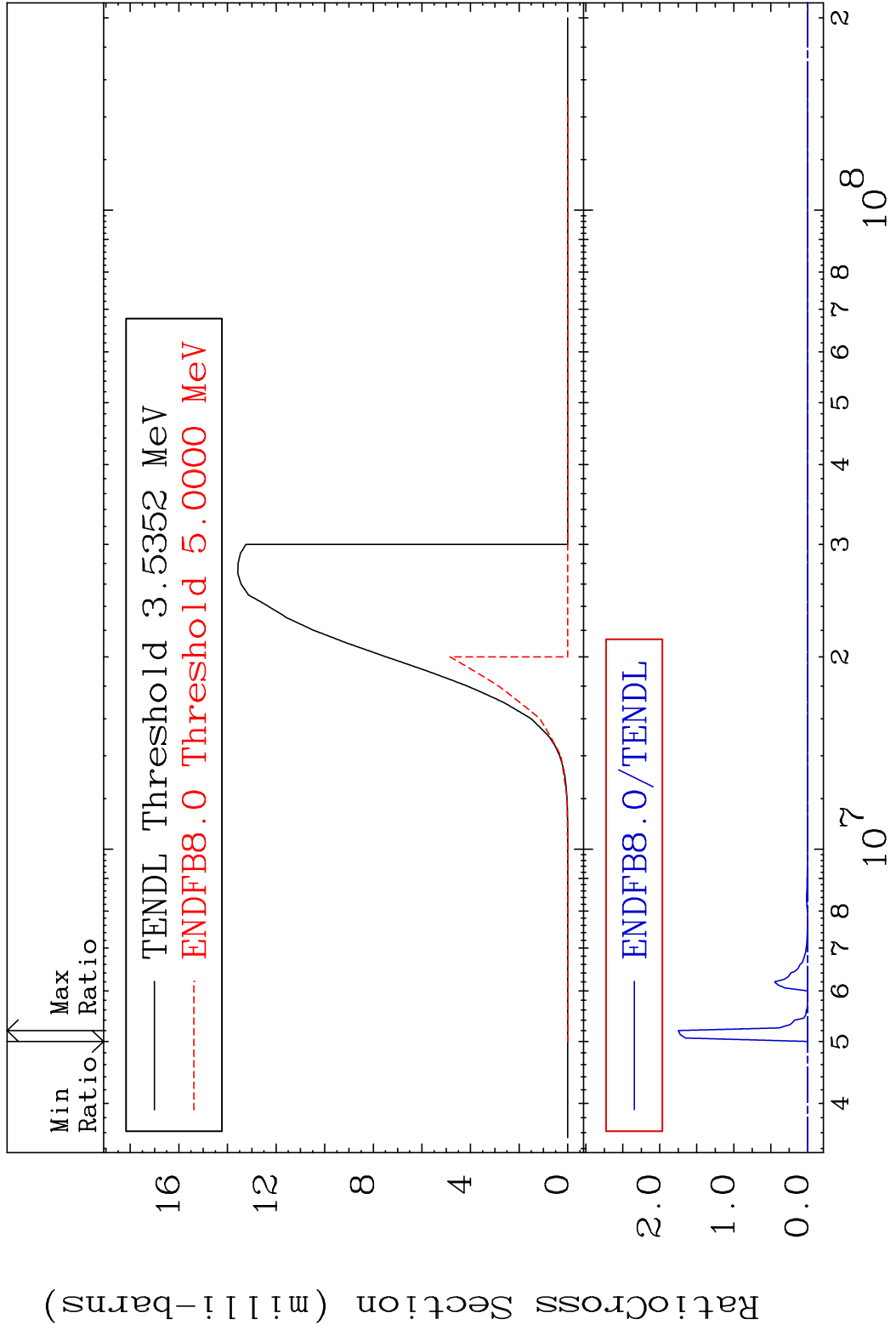
MAT 8049 (n, n') Continuum 80-Hg-204  
 Cross Section -100.0 To 75.22 %



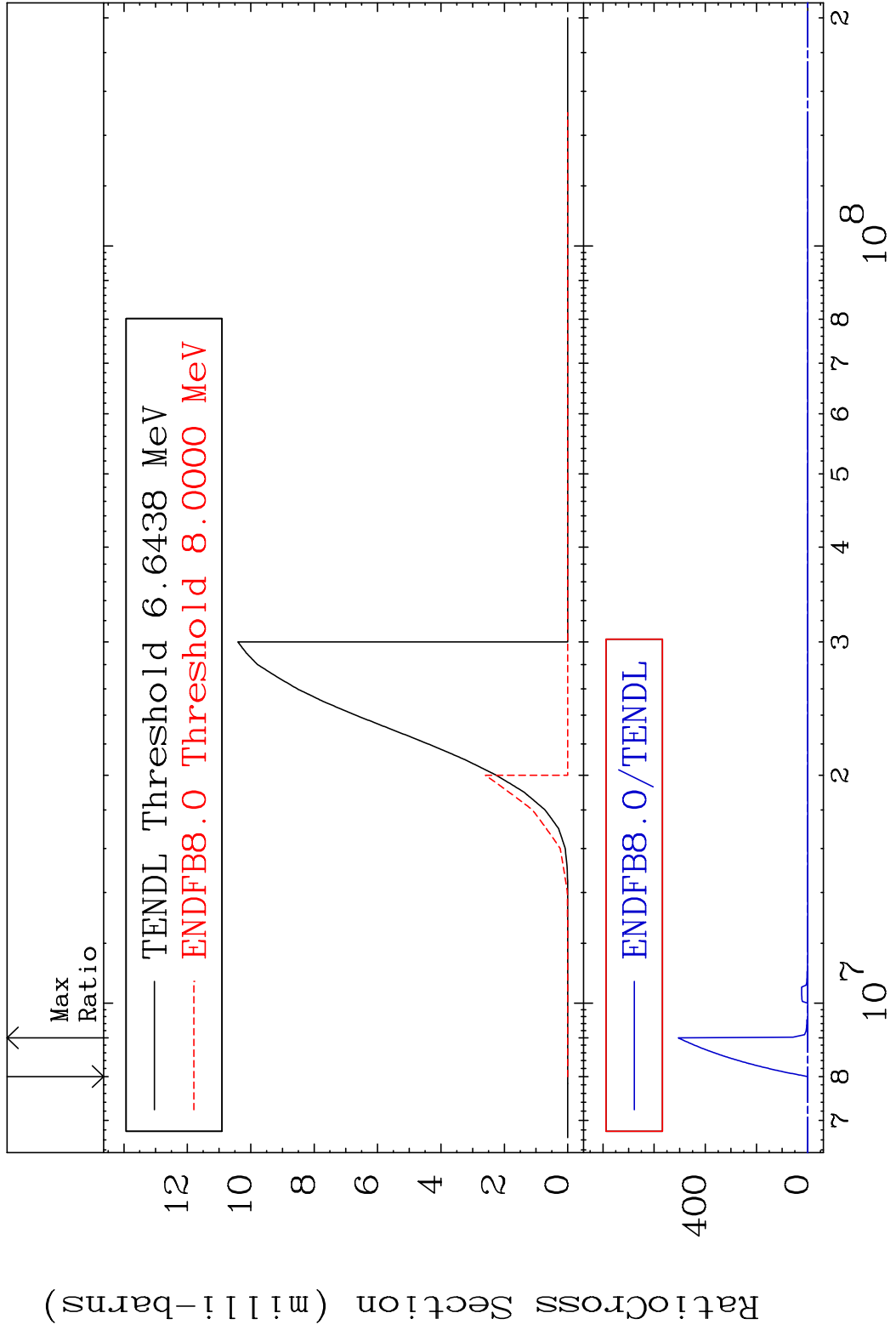
27 Incident Energy (eV) 80-Hg-204



MAT 8049 (n,p) 80-Hg-204  
 Cross Section -100.0 To 9999. %

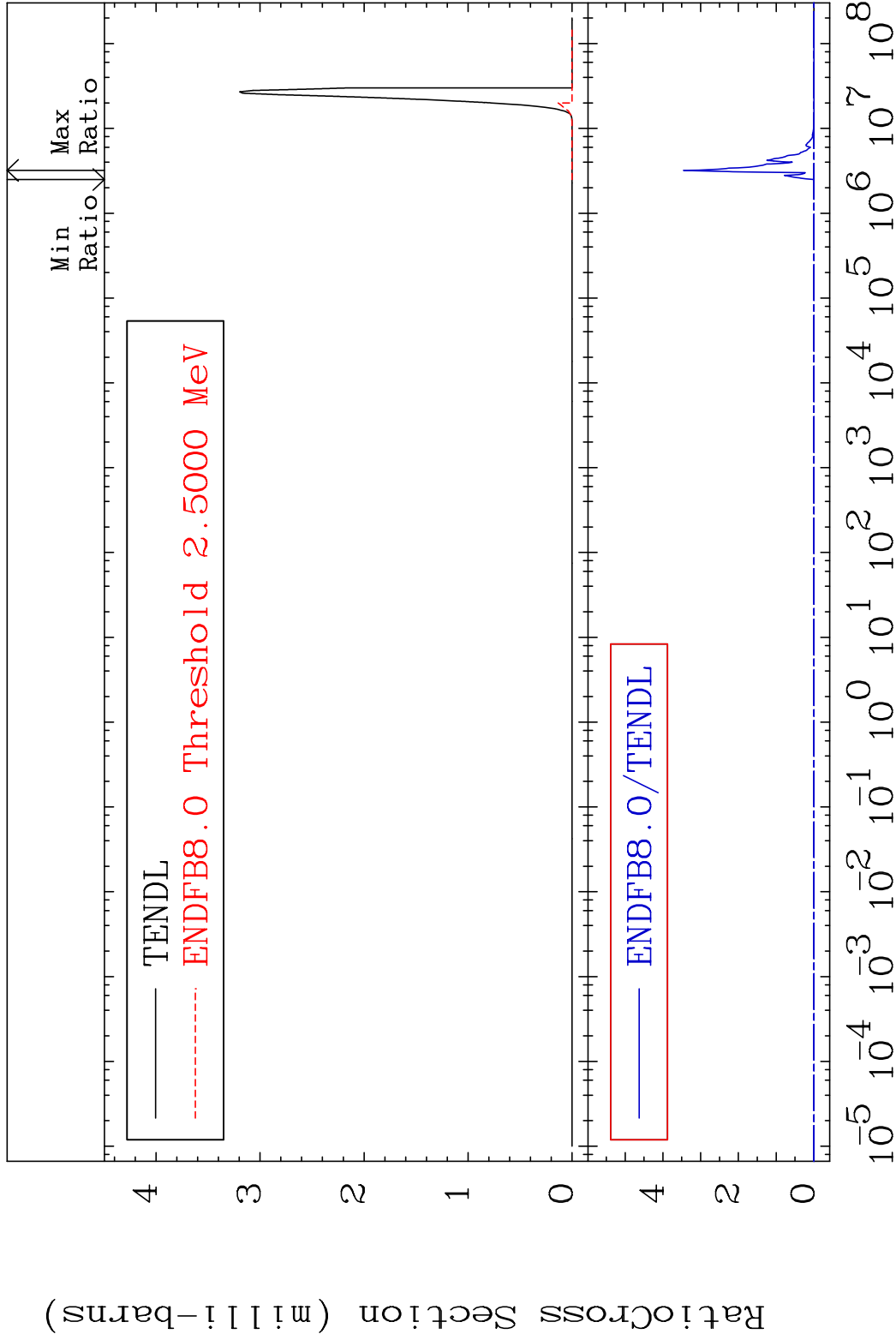


MAT 8049 (n, d) 80-Hg-204  
Cross Section -100.0 To 9999. %



30 80-Hg-204

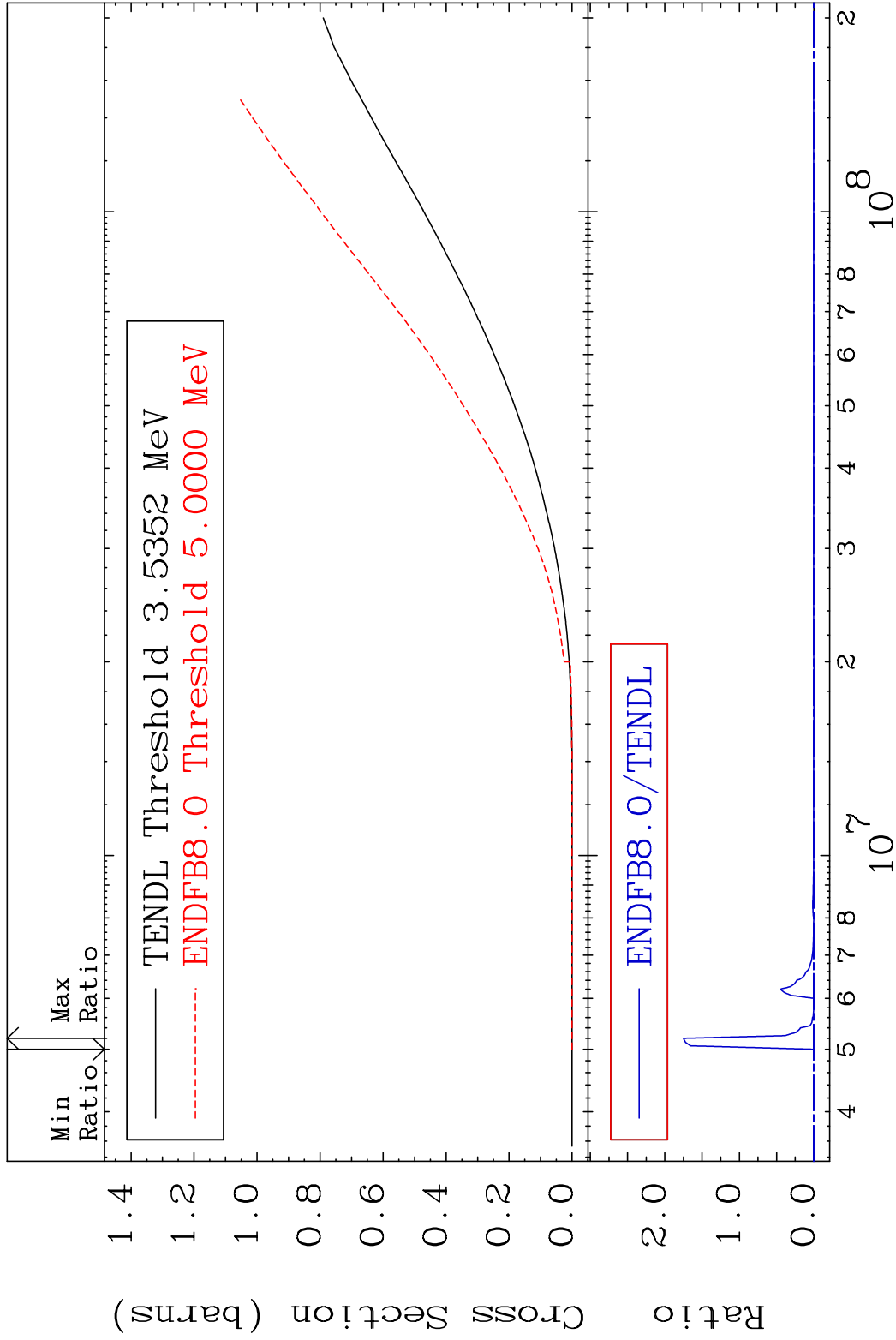
MAT 8049 (n,  $\alpha$ ) 80-Hg-204  
 Cross Section -100.0 To 9999. %



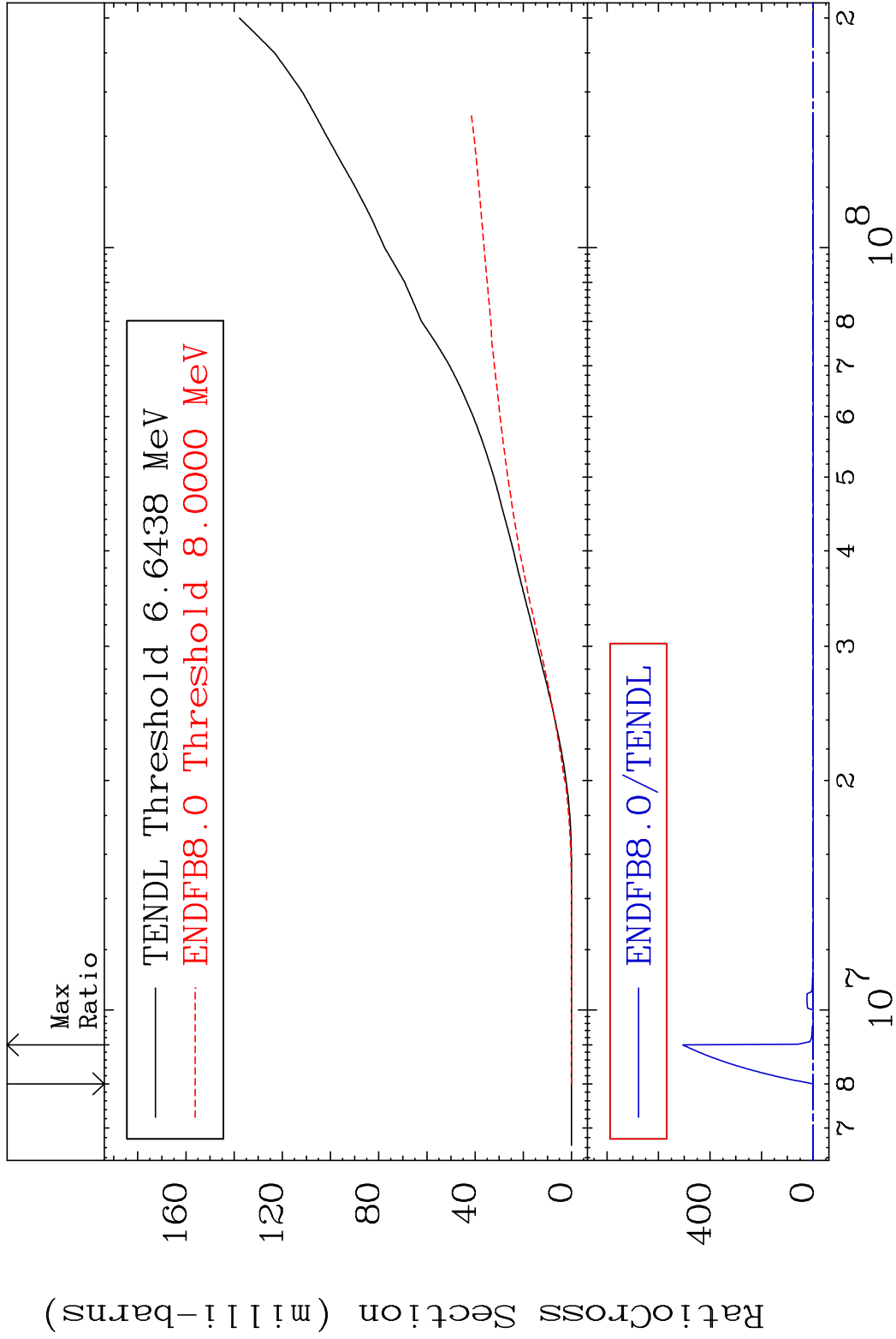
31 Incident Energy (eV) 80-Hg-204



MAT 8049 Hydrogen Production 80-Hg-204  
 Cross Section -100.0 To 9999. %

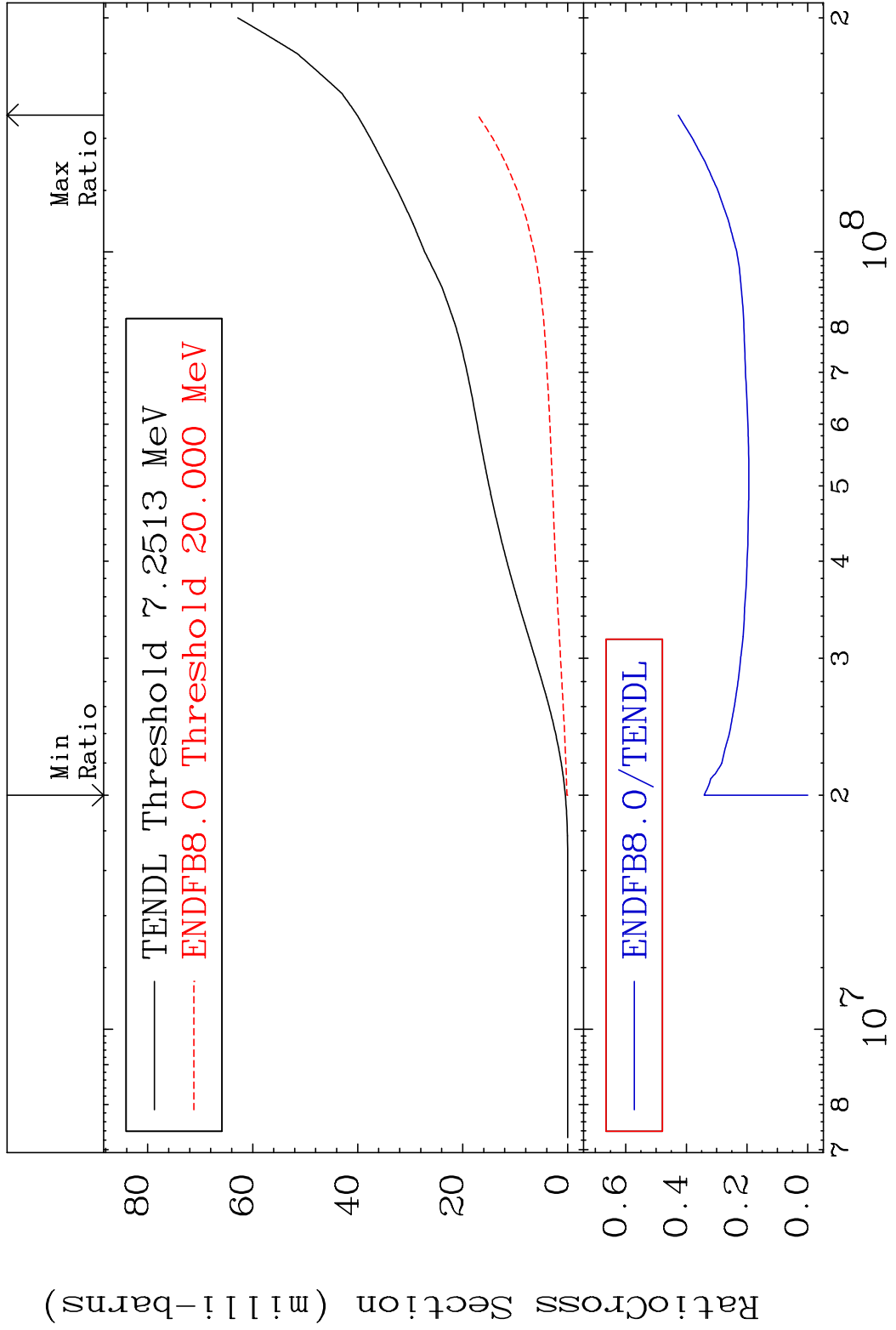


MAT 8049 Deuterium Production 80-Hg-204  
 Cross Section -100.0 To 9999. %



33 80-Hg-204

MAT 8049 Tritium Production 80-Hg-204  
 Cross Section -100.0 To -57.32%



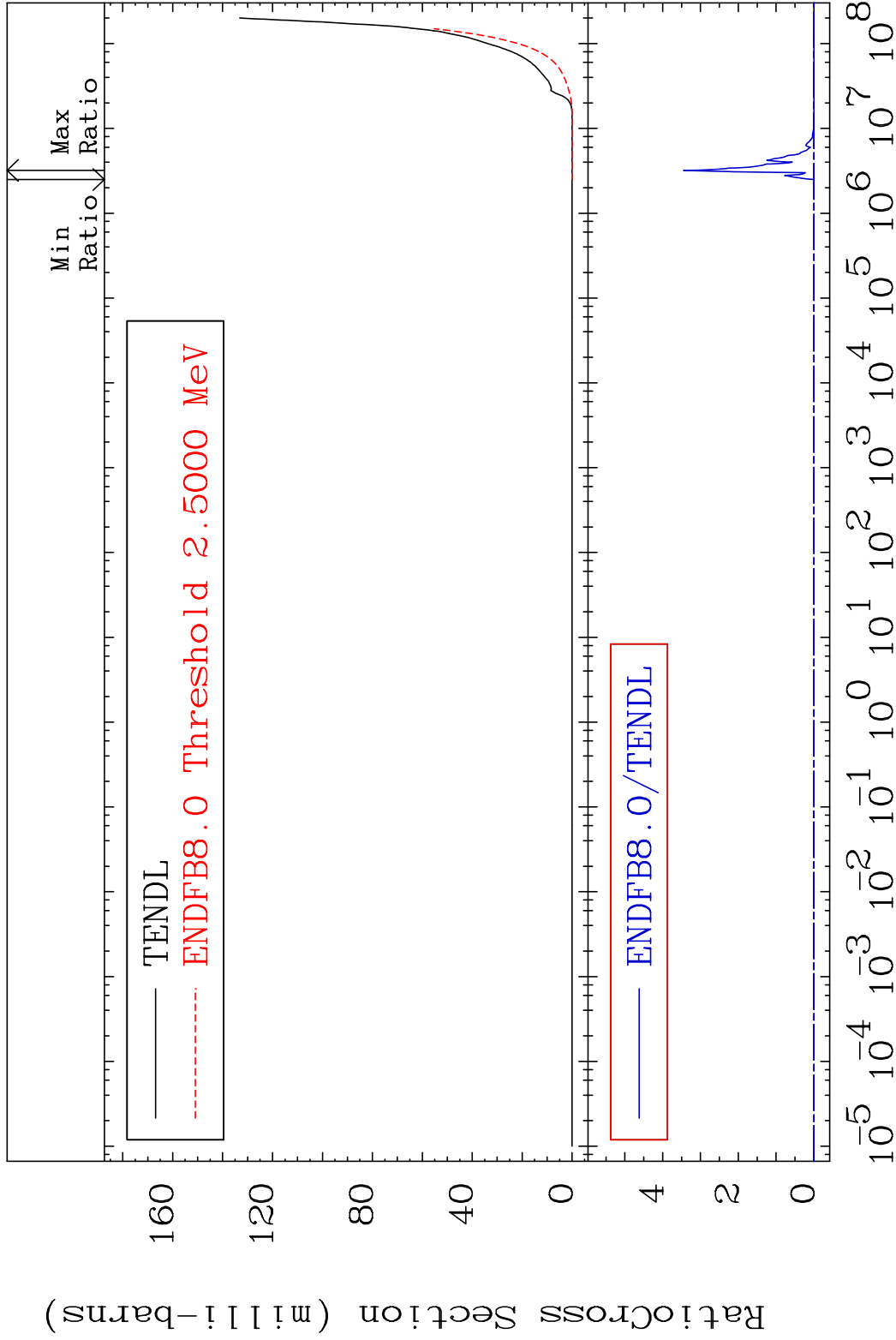
34 Incident Energy (eV) 80-Hg-204

MAT 8049

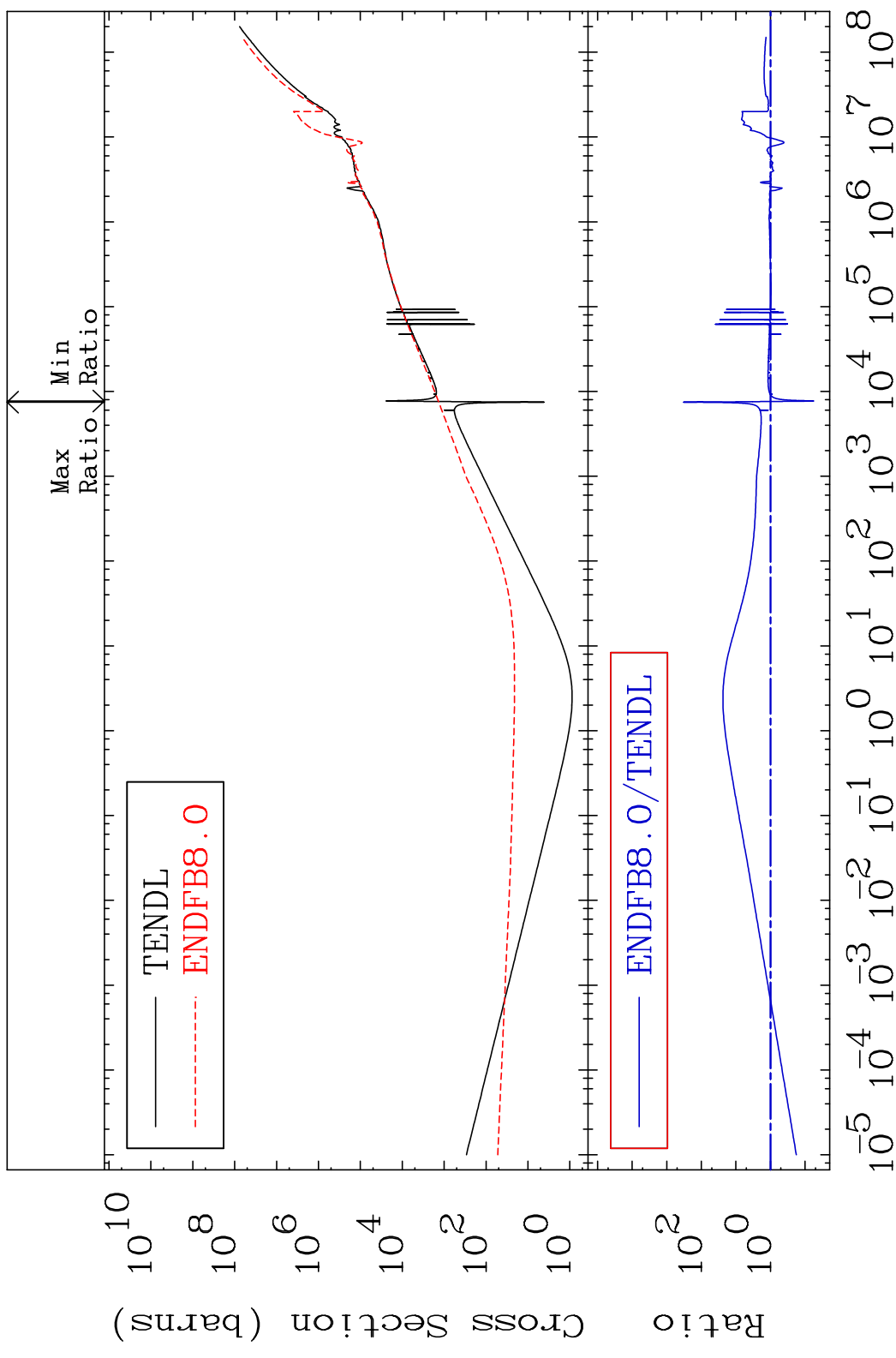
He-4 Production

80-Hg-204

Cross Section -100.0 To 9999. %



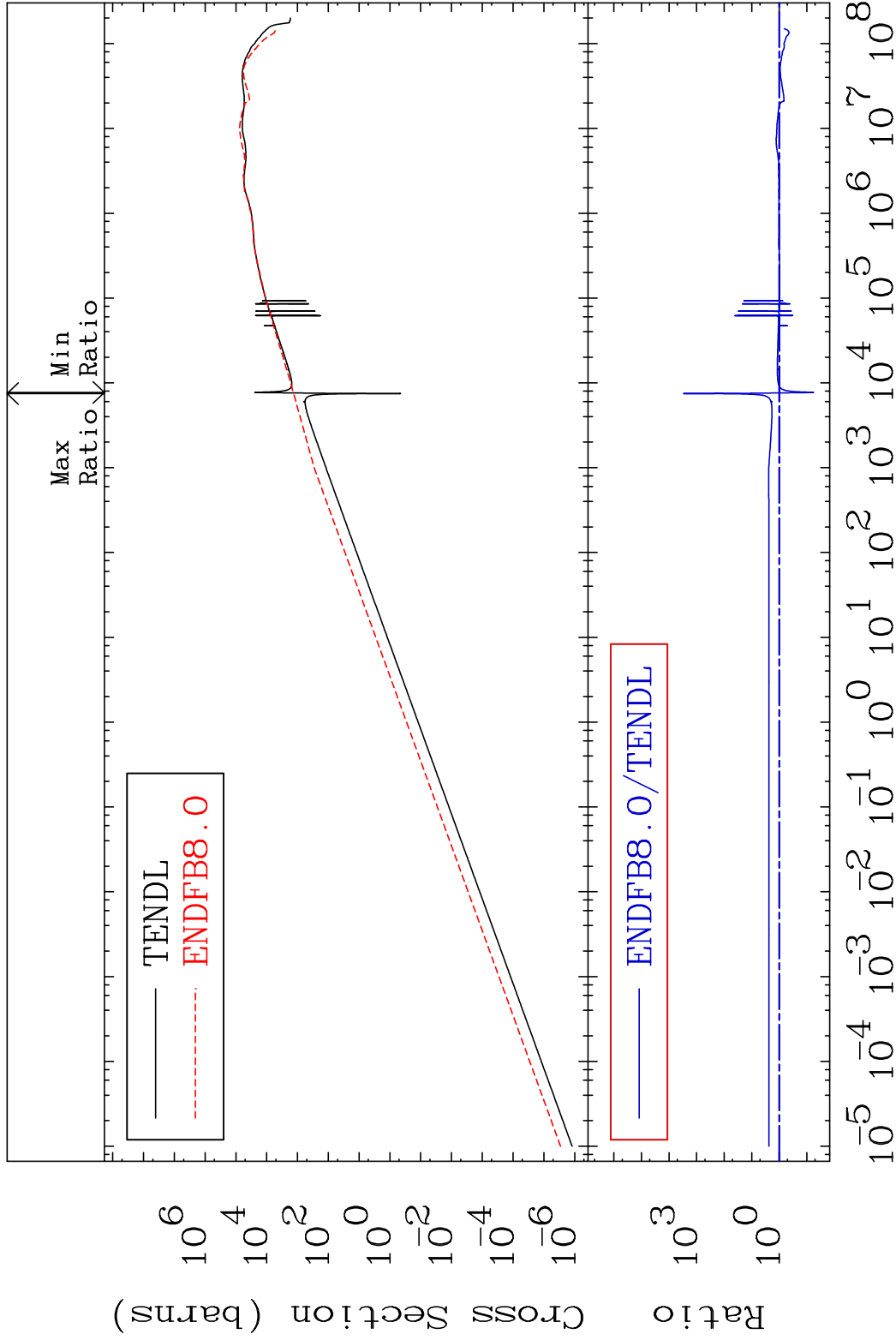
MAT 8049 Kerma total (eV-barns) 80-Hg-204  
 Cross Section -94.45 To 9999. %



MAT 8049

Kerma elastic  
Cross Section

80-Hg-204  
-94.46 To 9999. %

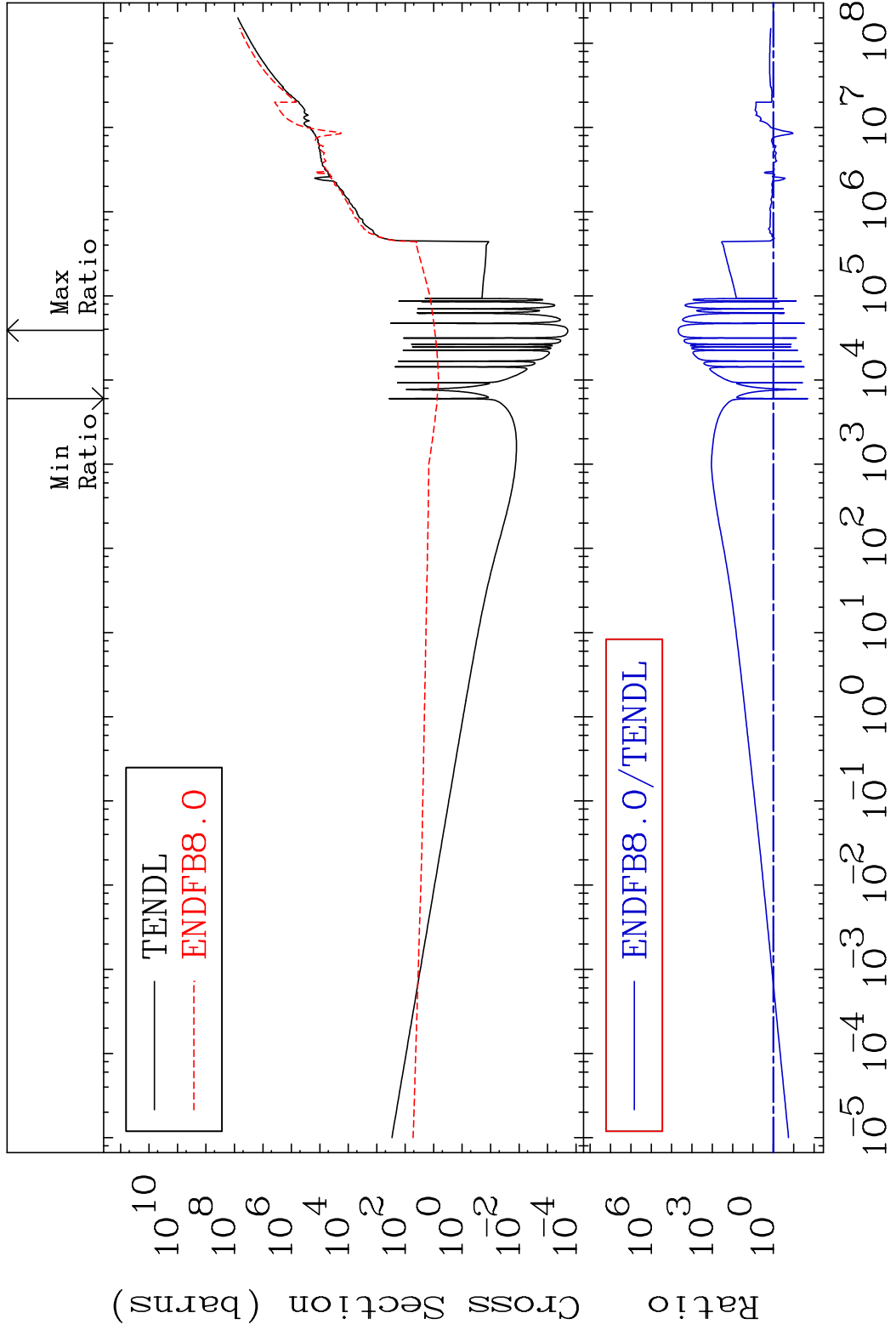


37

Incident Energy (eV)

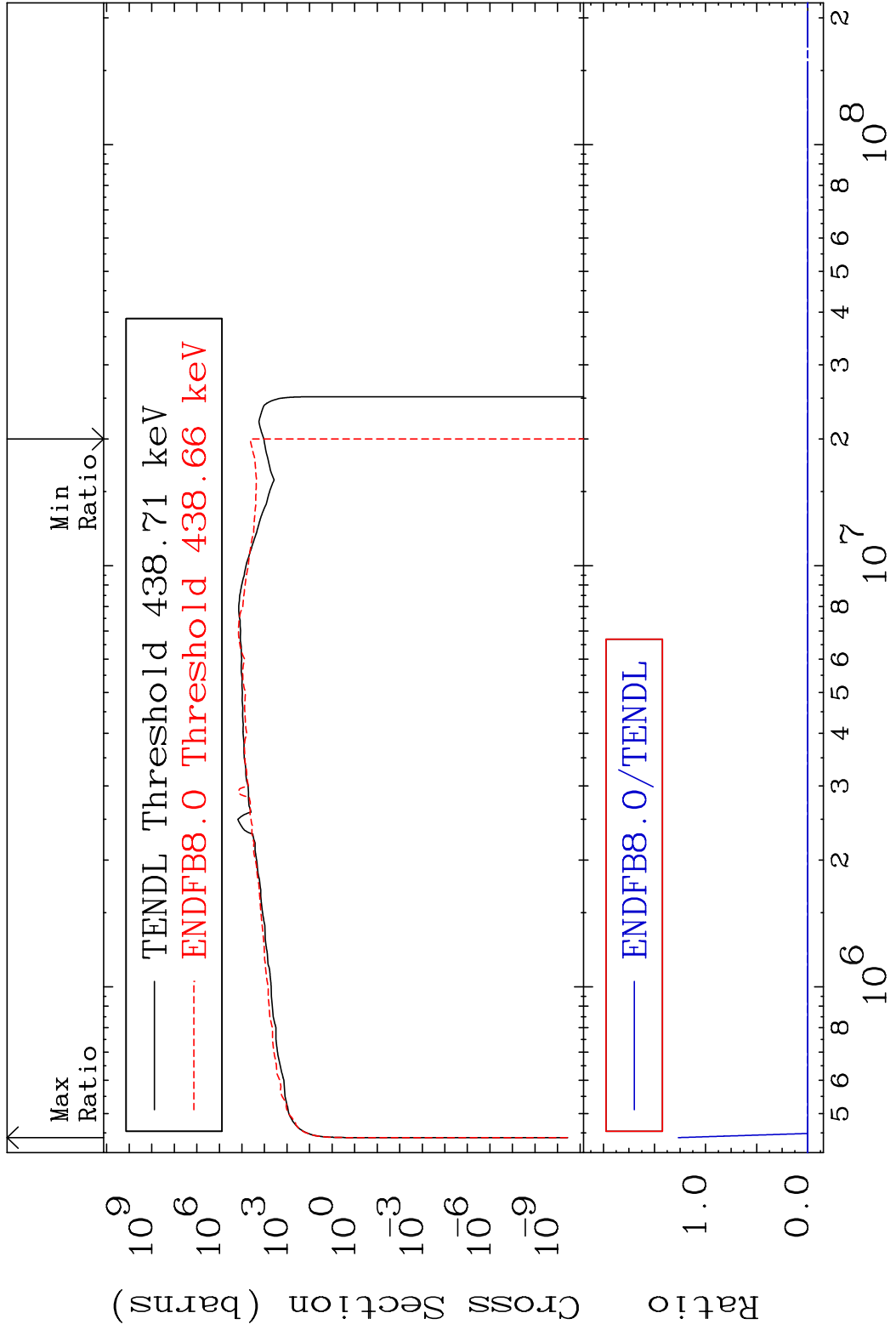
80-Hg-204

MAT 8049 Kerma non-elastic (all but mt2) 80-Hg-204  
 Cross Section -97.95 To 9999. %



38 Incident Energy (eV) 80-Hg-204

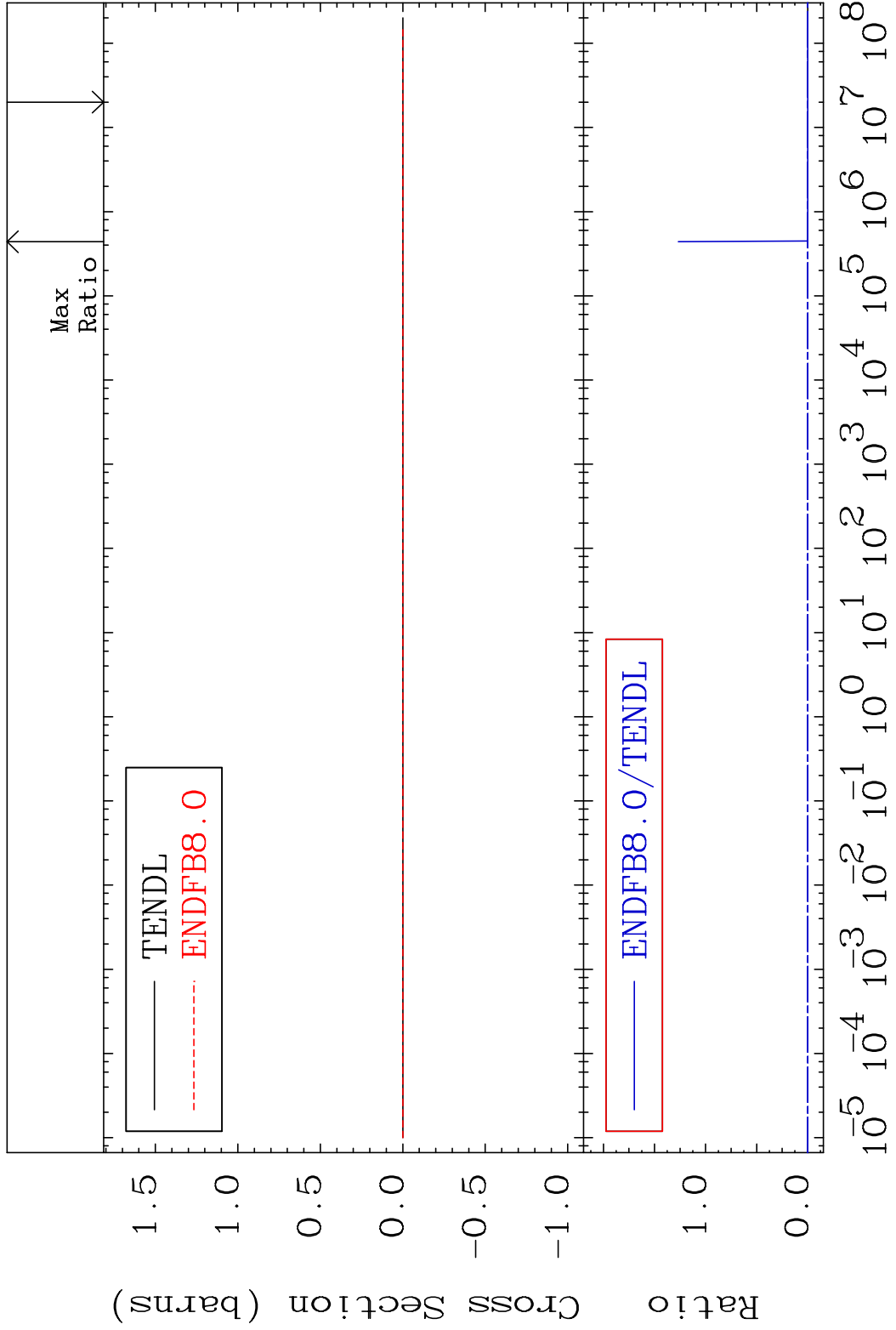
MAT 8049 Kerma inelastic (mt51-91) 80-Hg-204  
 Cross Section -100.0 To 9999. %



39 Incident Energy (eV) 80-Hg-204

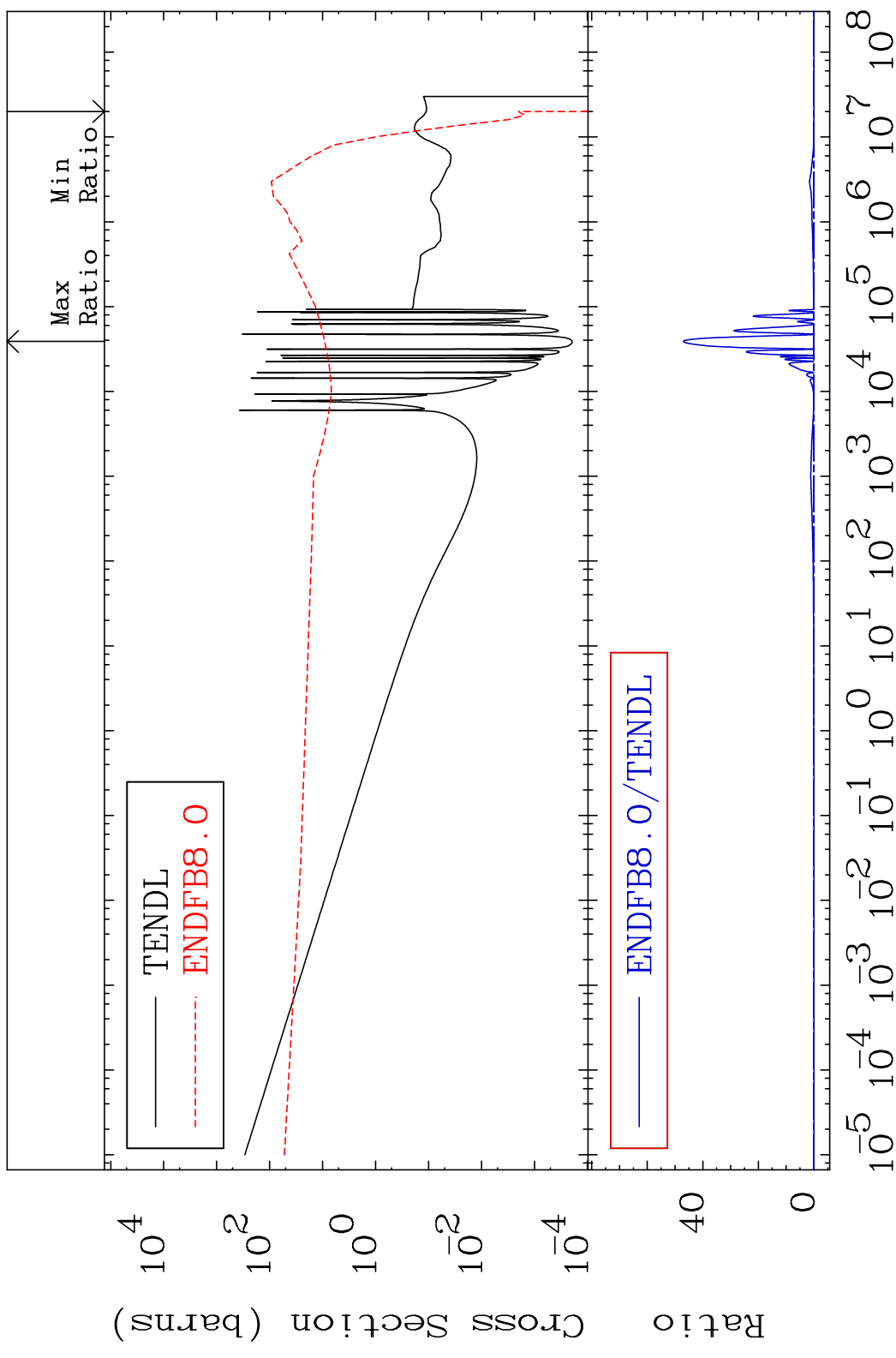


MAT 8049 Kerma fission (mt18 or mt19-20-21-38) 80-Hg-204  
 Cross Section -100.0 To 9999. %



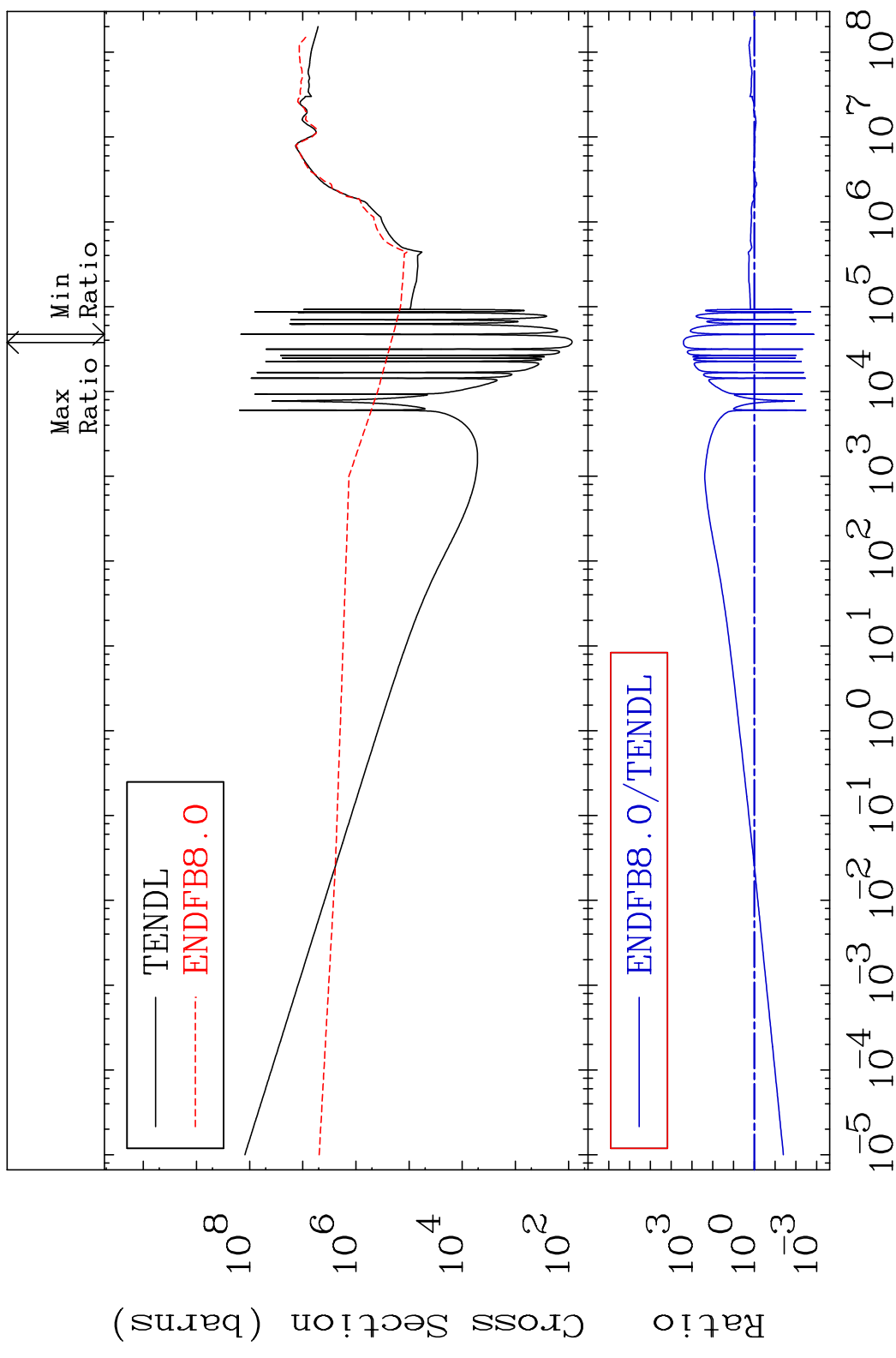
40 Incident Energy (eV) 80-Hg-204

MAT 8049 Kerma capture (mt102) 80-Hg-204  
 Cross Section -100.0 To 9999. %



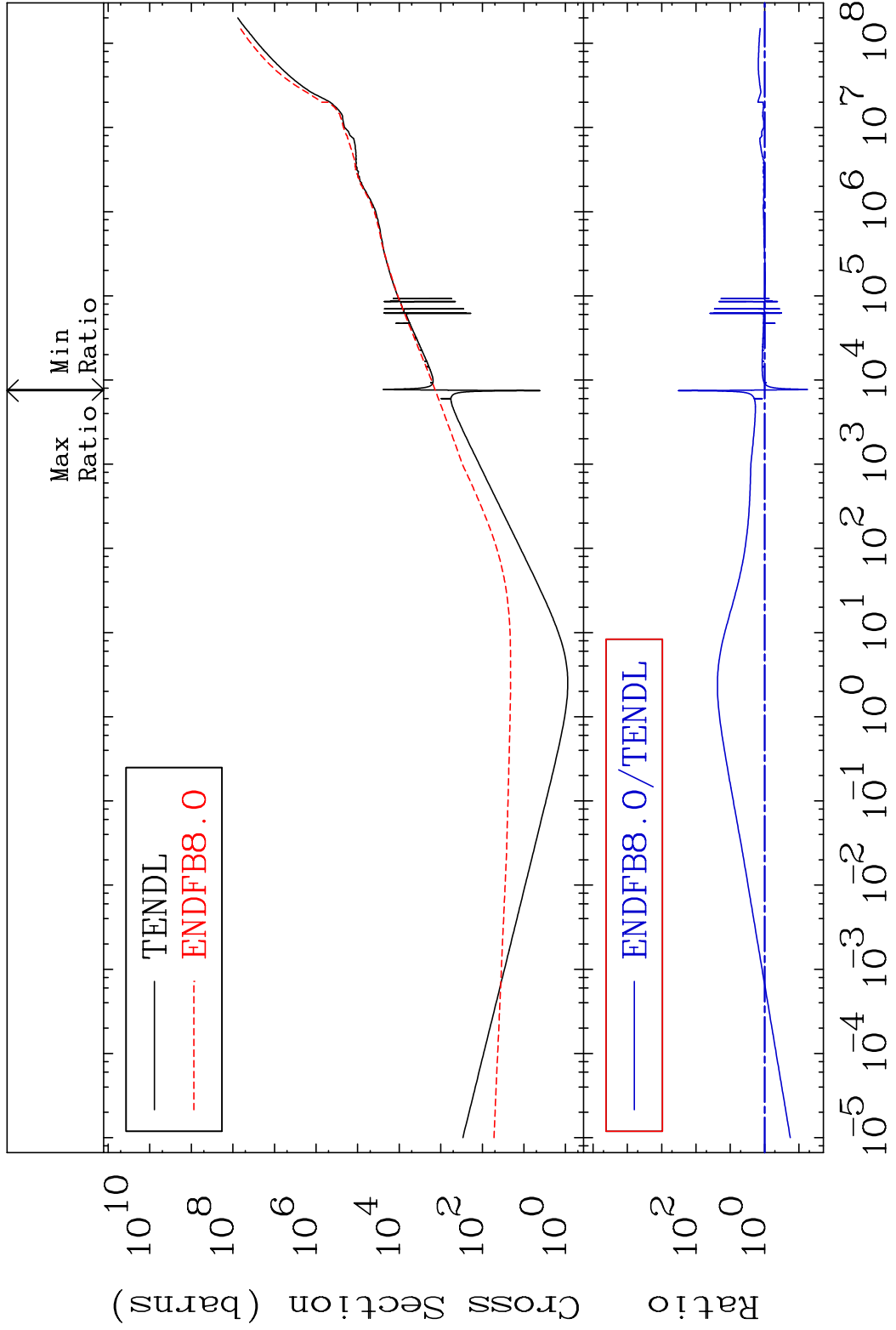
41 Incident Energy (eV) 80-Hg-204

MAT 8049 Total photon (eV-barns) 80-Hg-204  
 Cross Section -99.86 To 9999. %



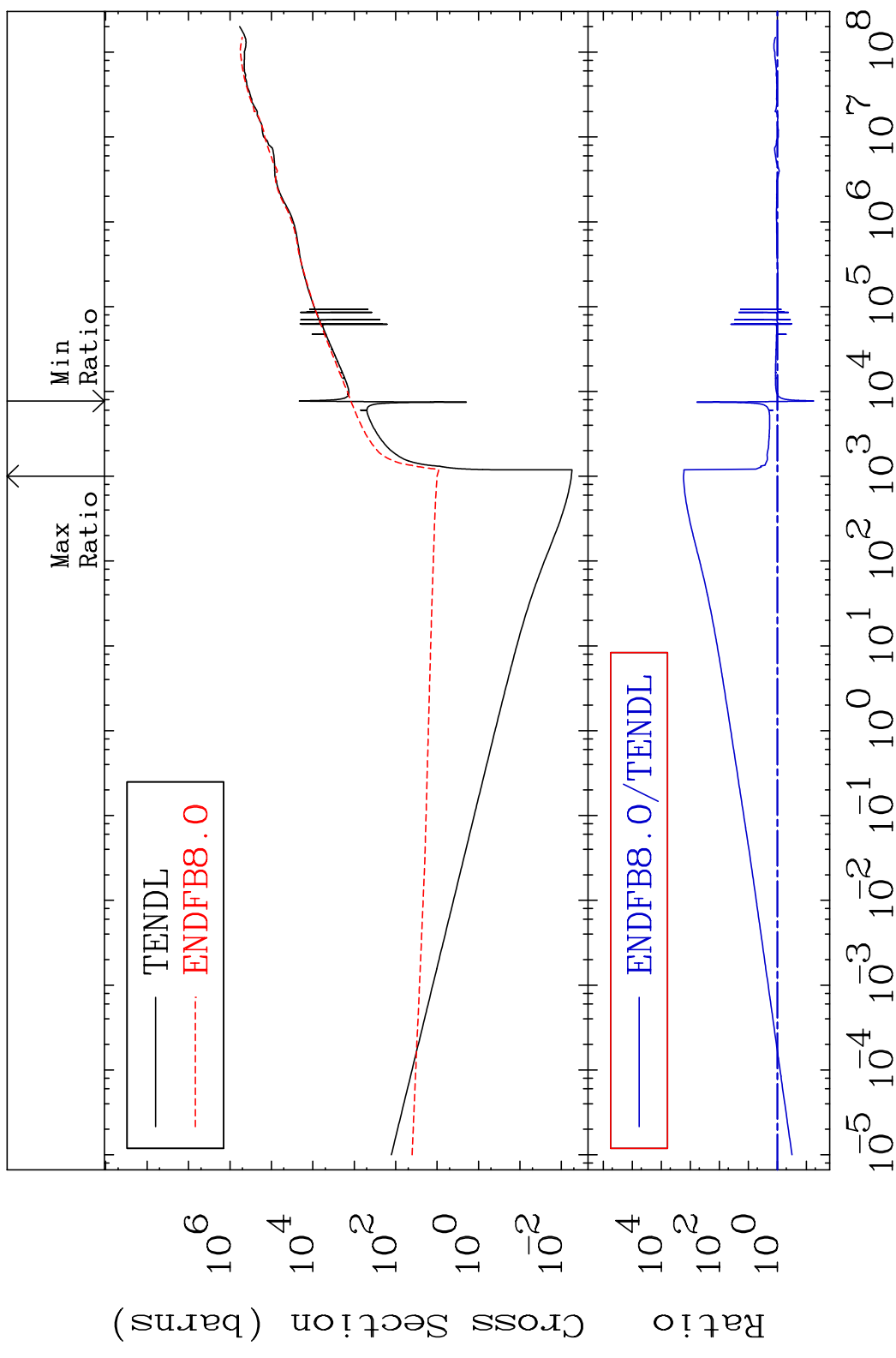
42 Incident Energy (eV) 80-Hg-204

MAT 8049 Total kinematic kerma (high limit) 80-Hg-204  
 Cross Section -94.45 To 9999. %



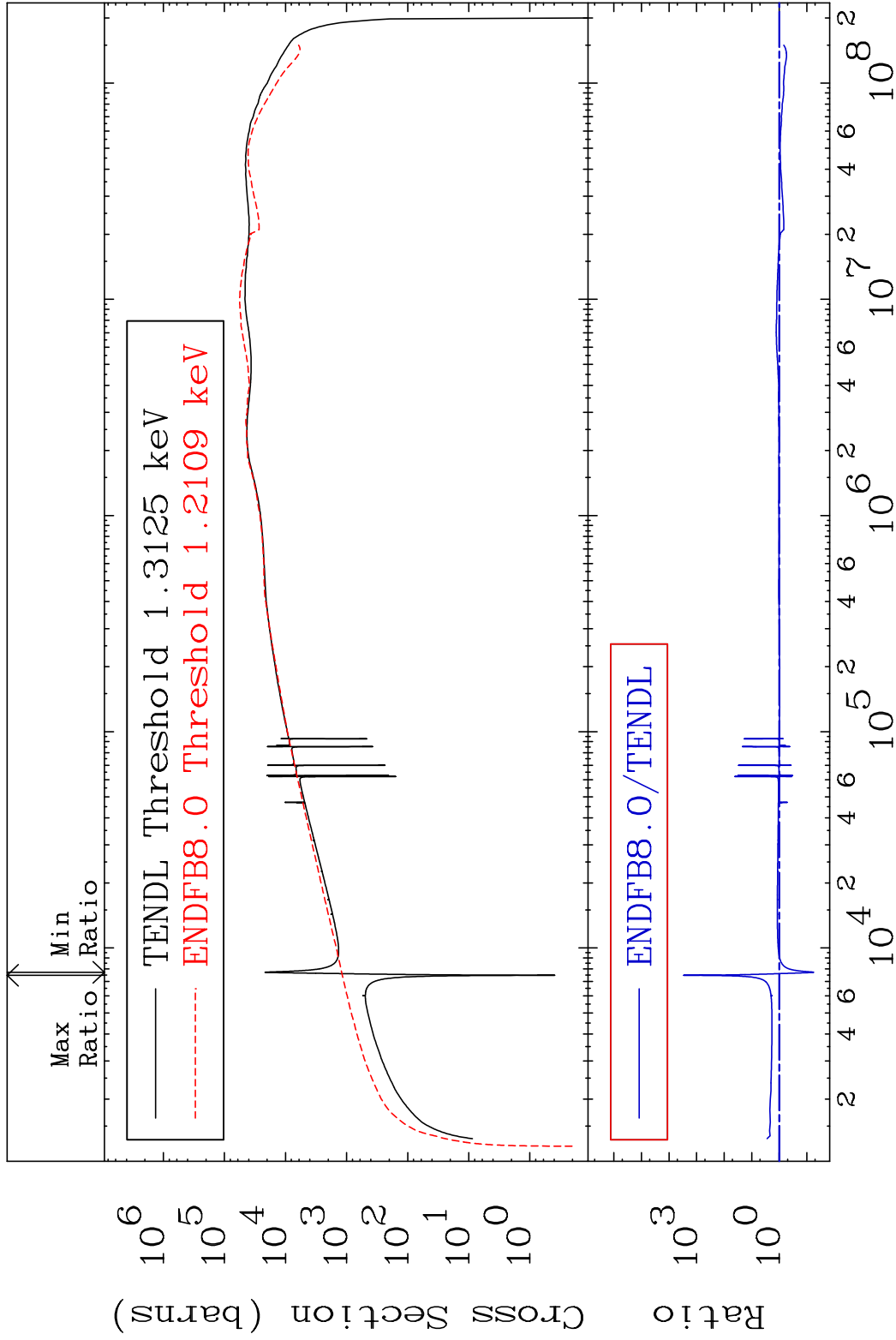
43 Incident Energy (eV) 80-Hg-204

MAT 8049      Dpa total (eV-barns)      80-Hg-204  
 Cross Section      -94.45 To 9999. %



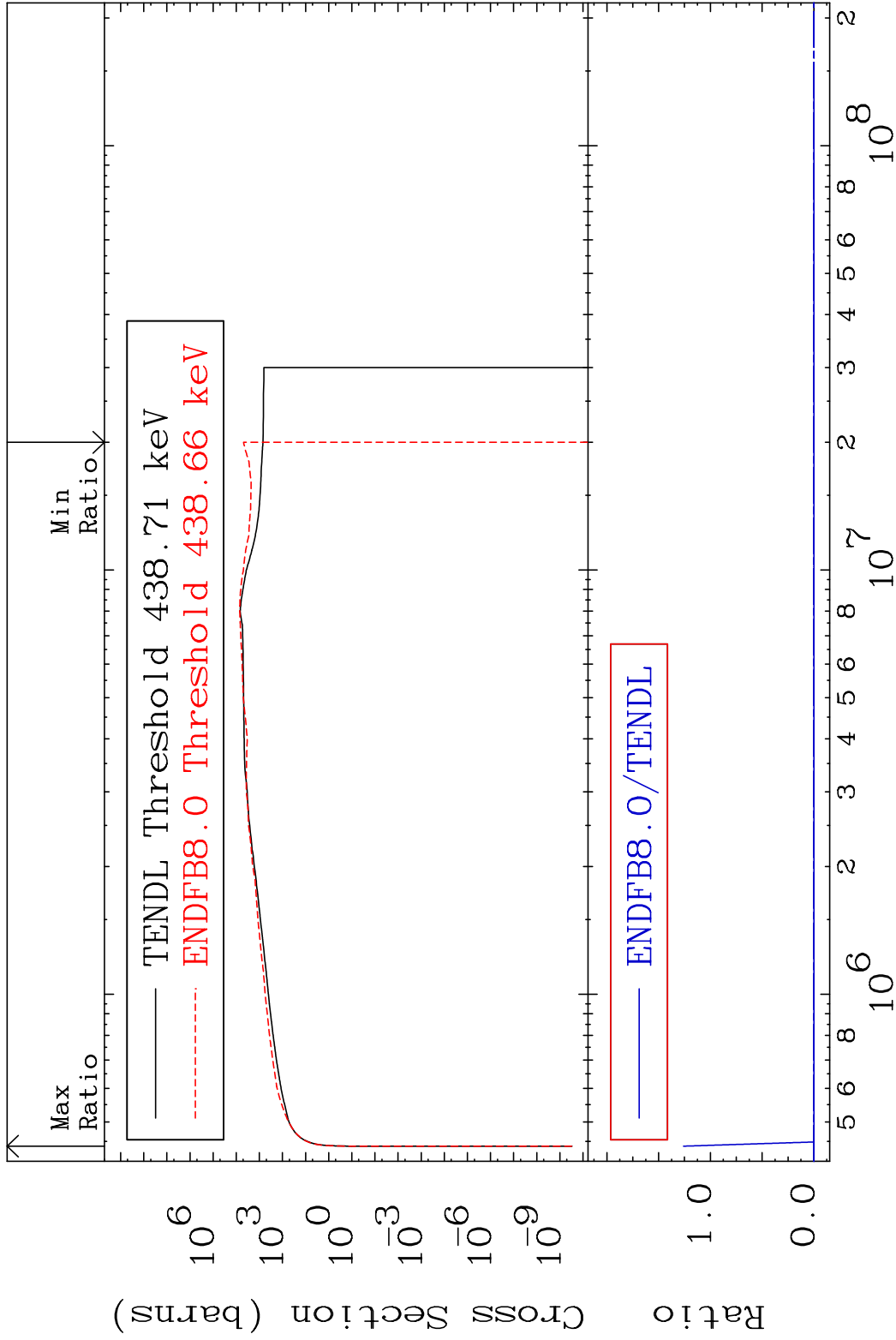
44      Incident Energy (eV)      80-Hg-204

MAT 8049      Dpa elastic (mt2)      80-Hg-204  
 Cross Section      -94.45 To 9999. %



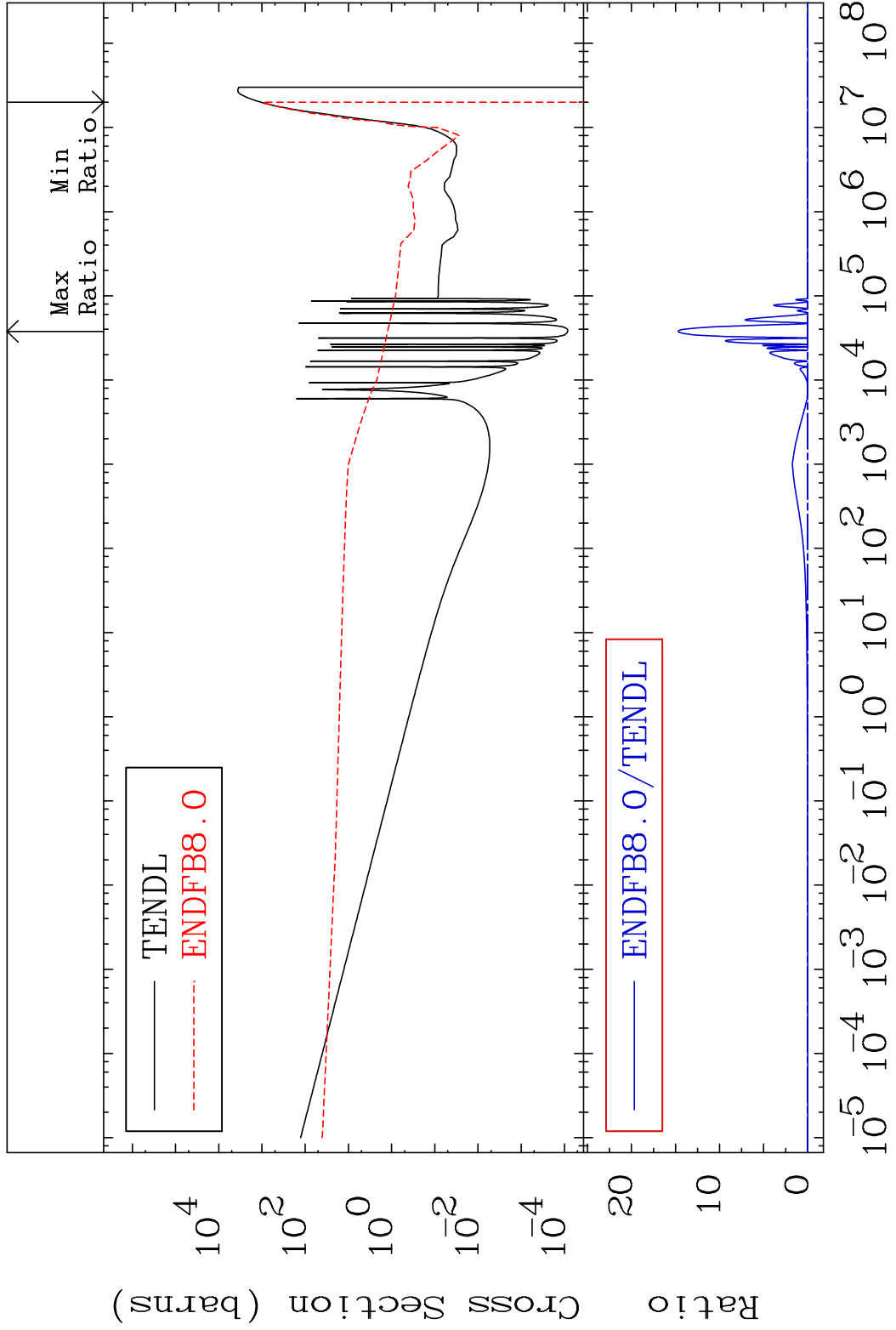
45      Incident Energy (eV)      80-Hg-204

MAT 8049 Dpa inelastic (mt51-91) 80-Hg-204  
 Cross Section -100.0 To 9999. %



46 Incident Energy (eV) 80-Hg-204

MAT 8049 Dpa disappearance (mt102 -120) 80-Hg-204  
 Cross Section -100.0 To 9999. %



47 Incident Energy (eV) 80-Hg-204