

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

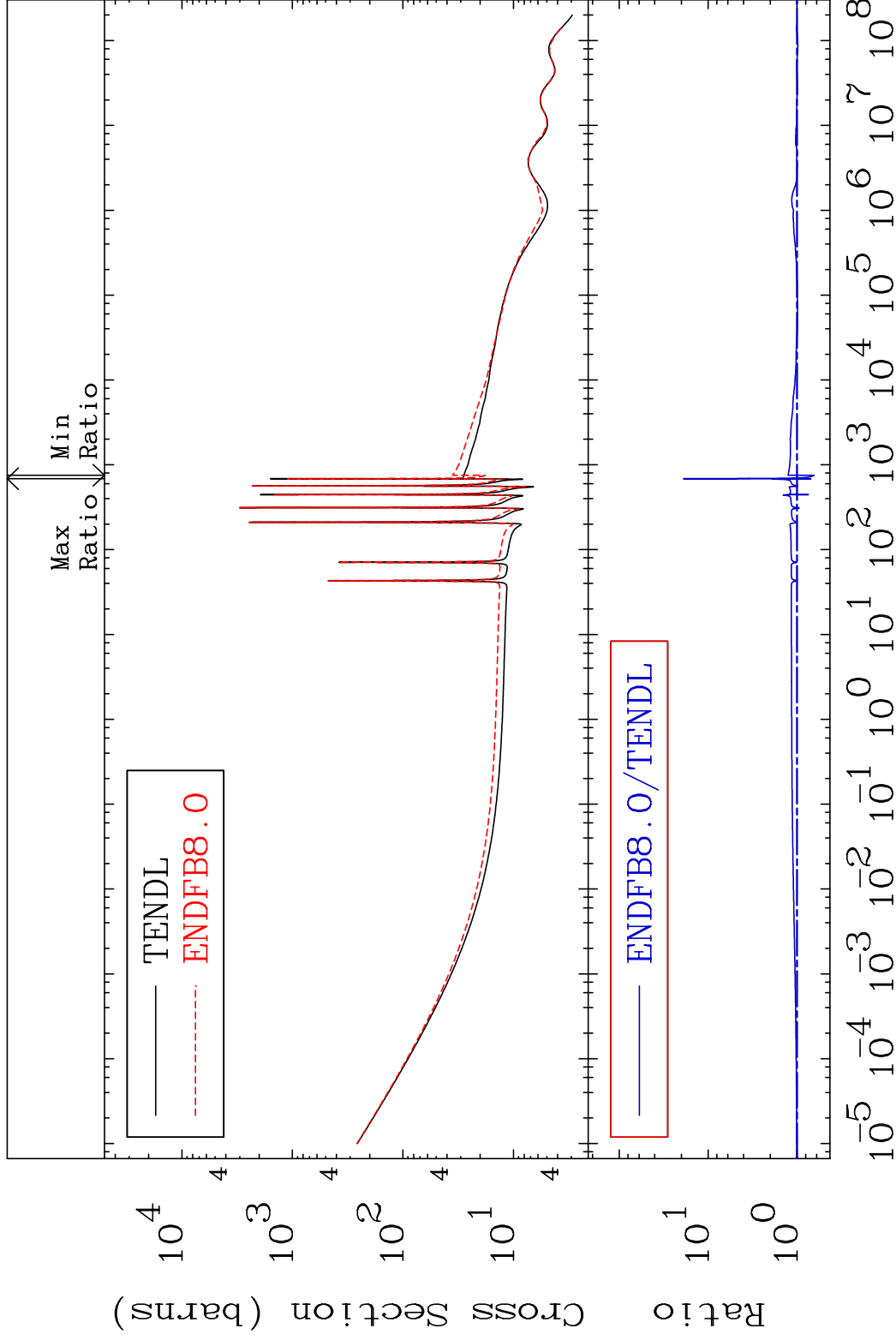
MAT 8040

Total

80-Hg-201

Cross Section

-35.79 To 1788. %



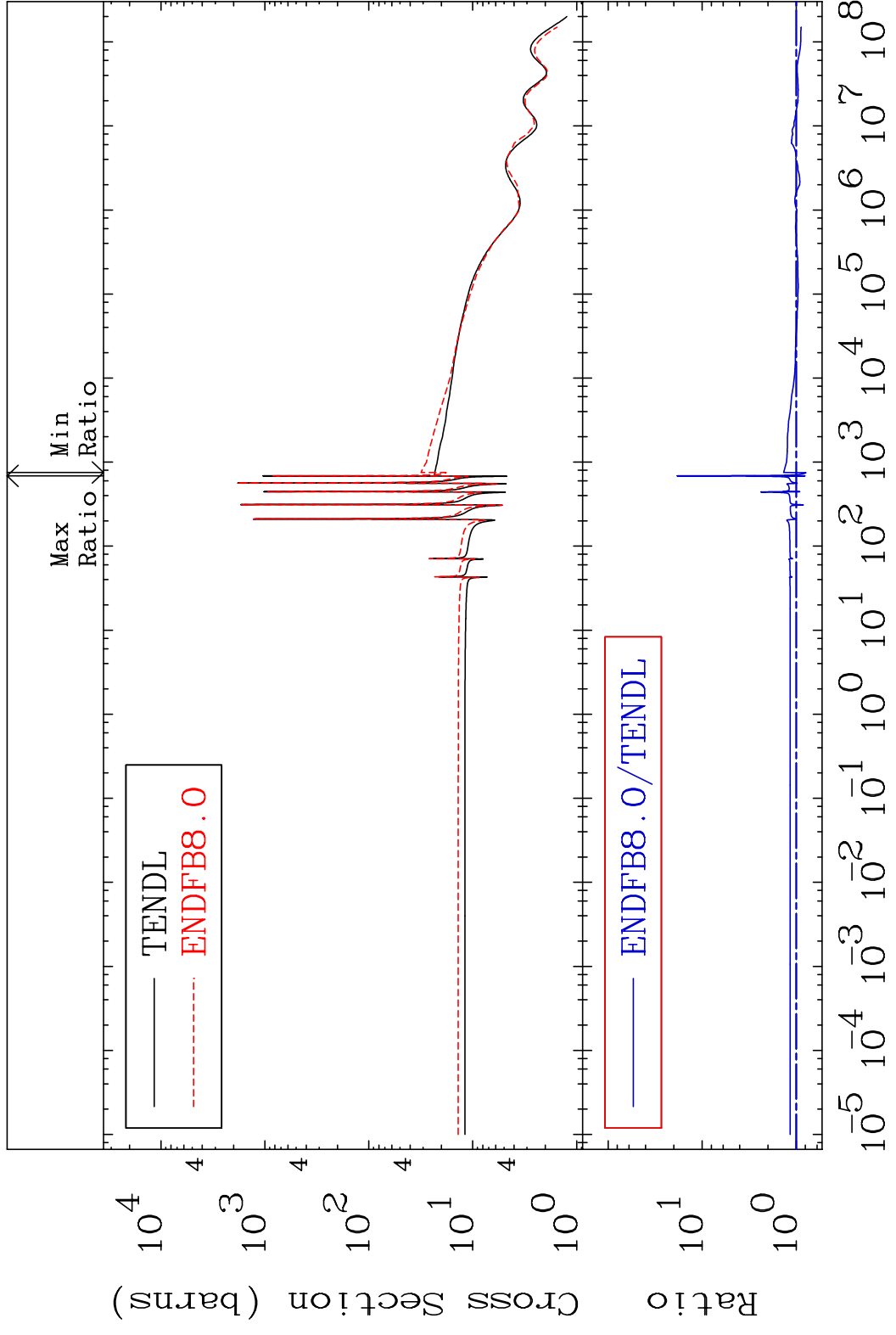
1

Incident Energy (eV)

80-Hg-201

MAT 8040

Elastic Cross Section -22.08 To 1745. %
80-Hg-201

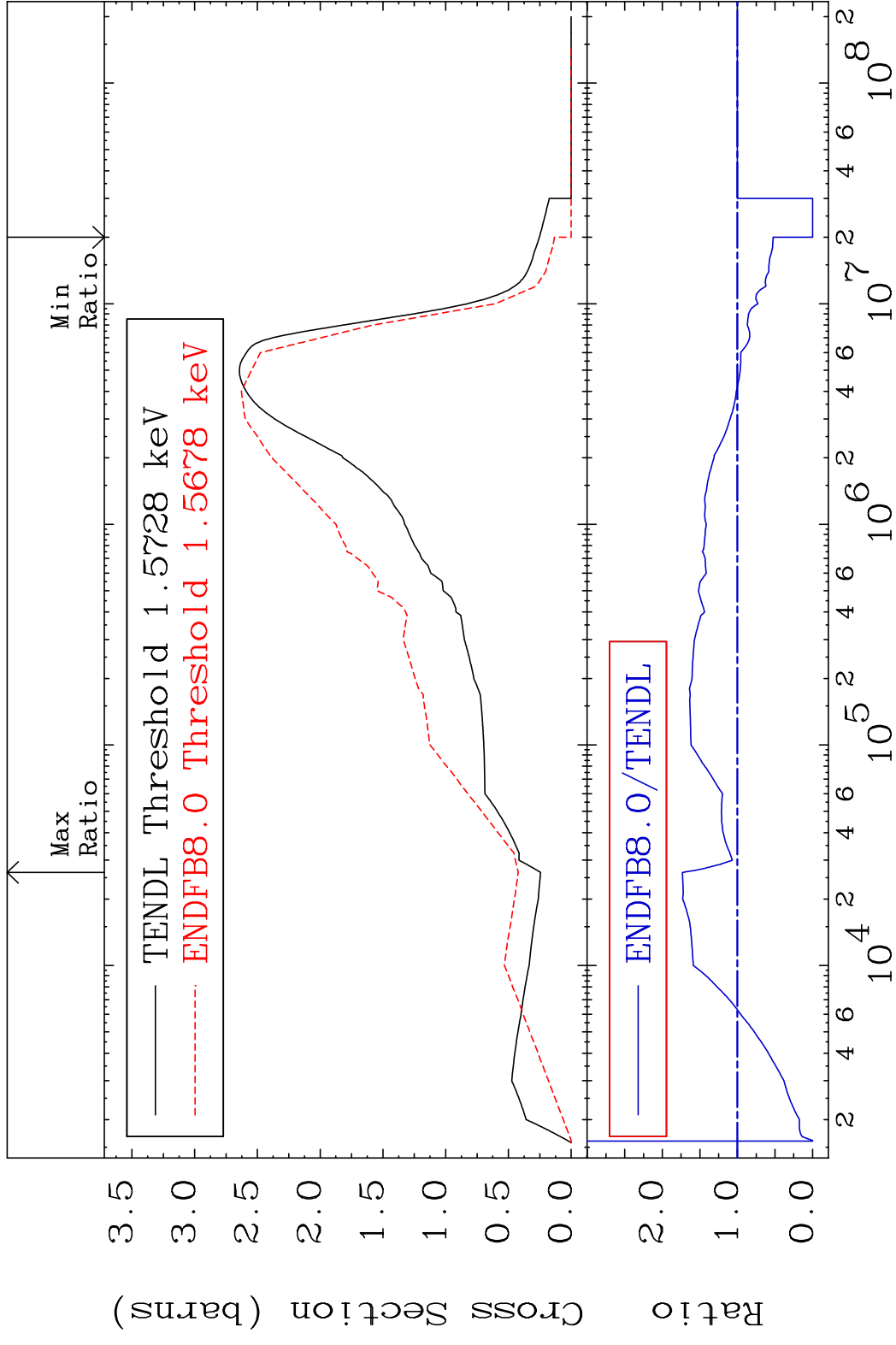


2

Incident Energy (eV)

80-Hg-201

MAT 8040 Inelastic 80-Hg-201
 Cross Section -100.0 To 73.32 %



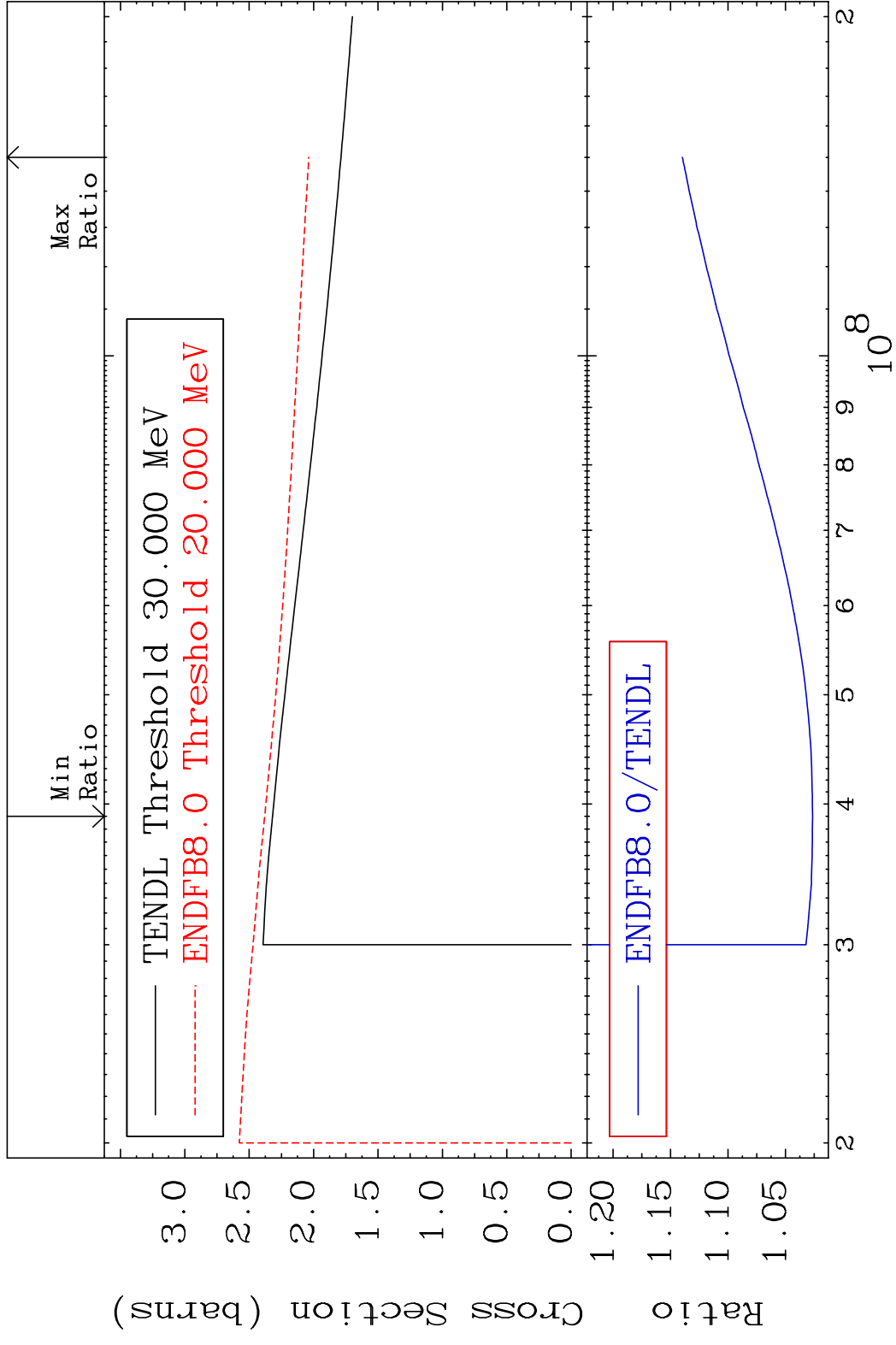
MAT 8040

(n, remainder)

80-Hg-201

Cross Section

2.638 To 13.97 %

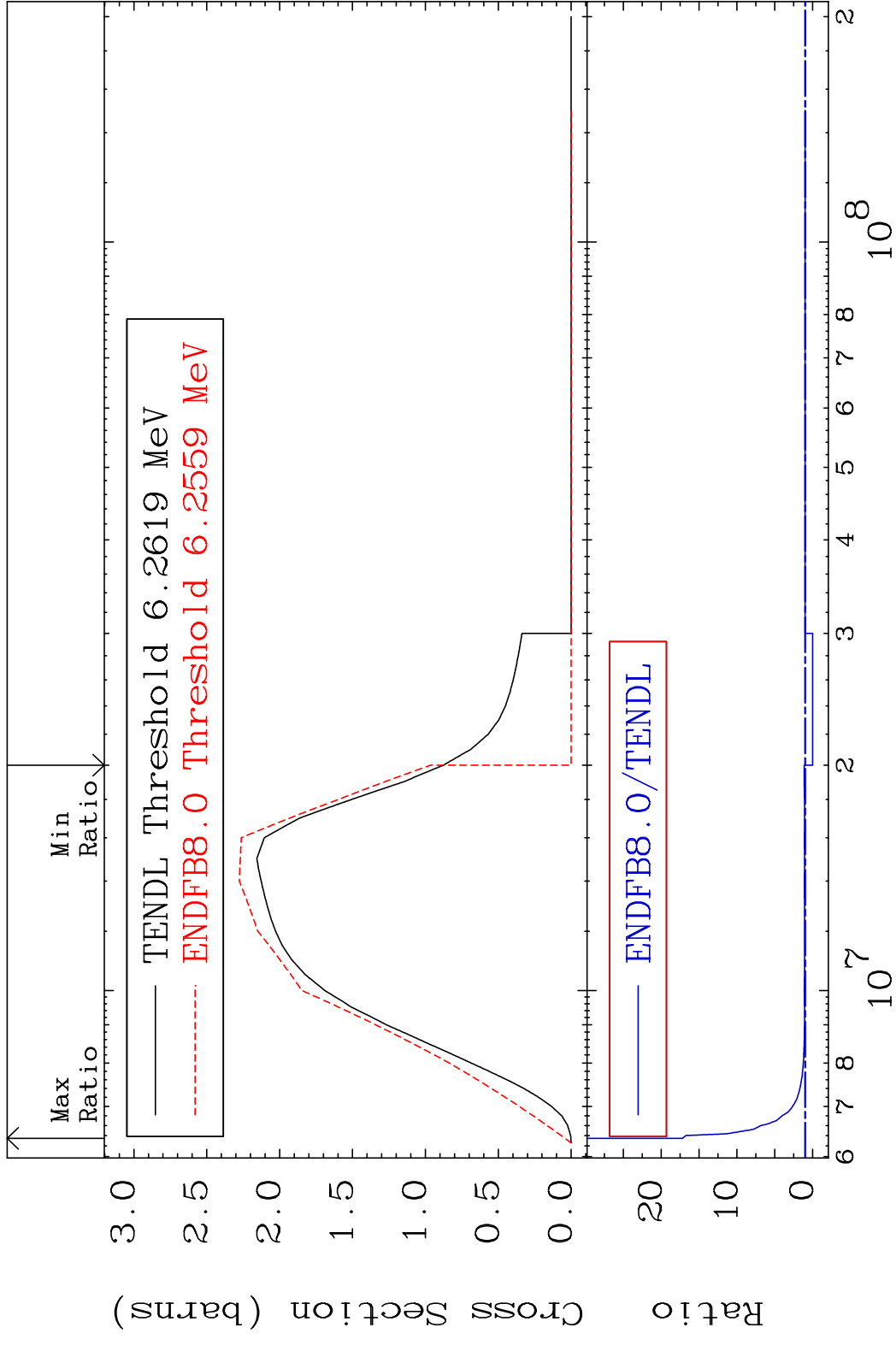


4

Incident Energy (eV)

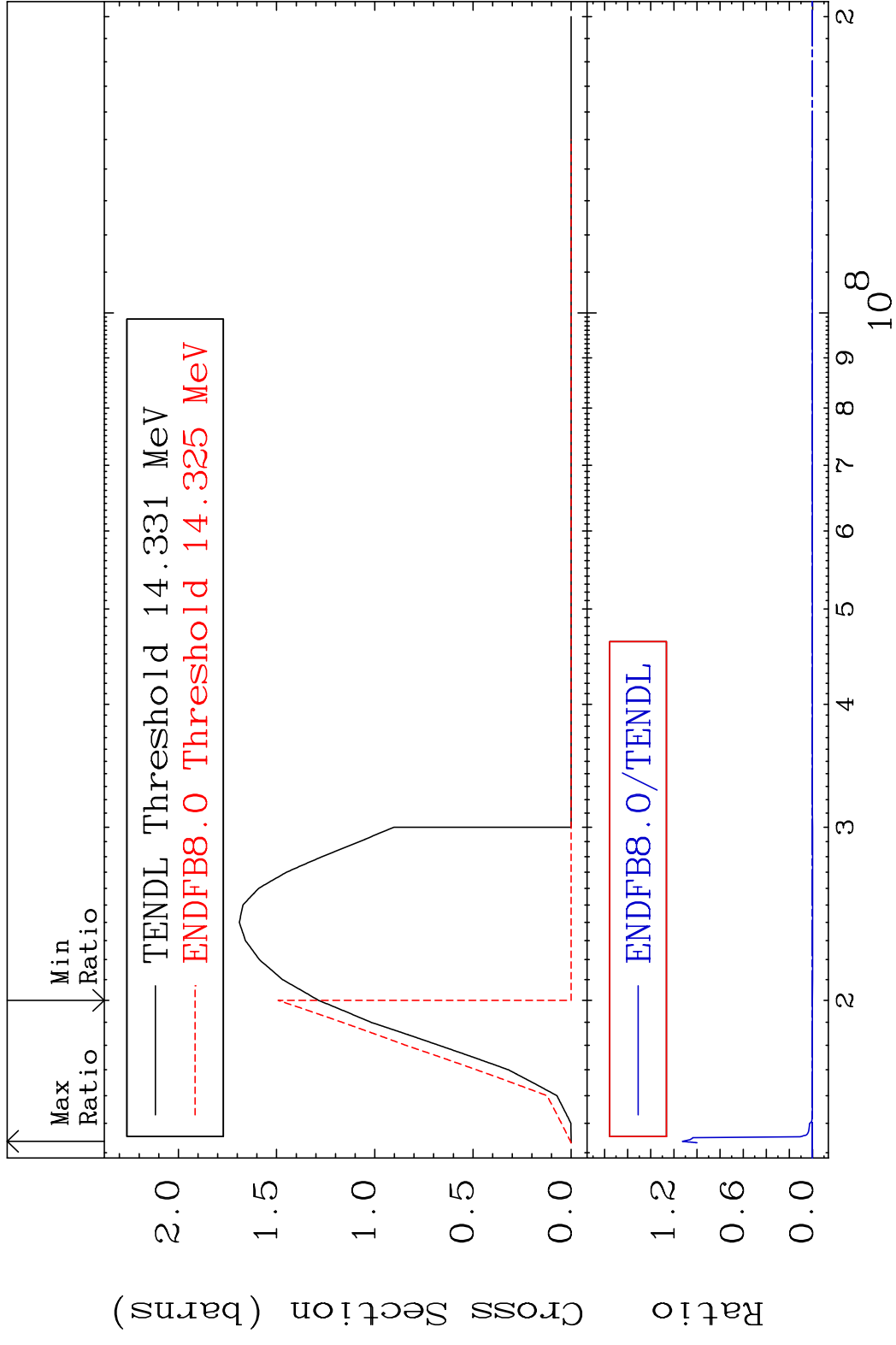
80-Hg-201

MAT 8040 (n,2n) 80-Hg-201
 Cross Section -100.0 To 1620. %



5 Incident Energy (eV) 80-Hg-201

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

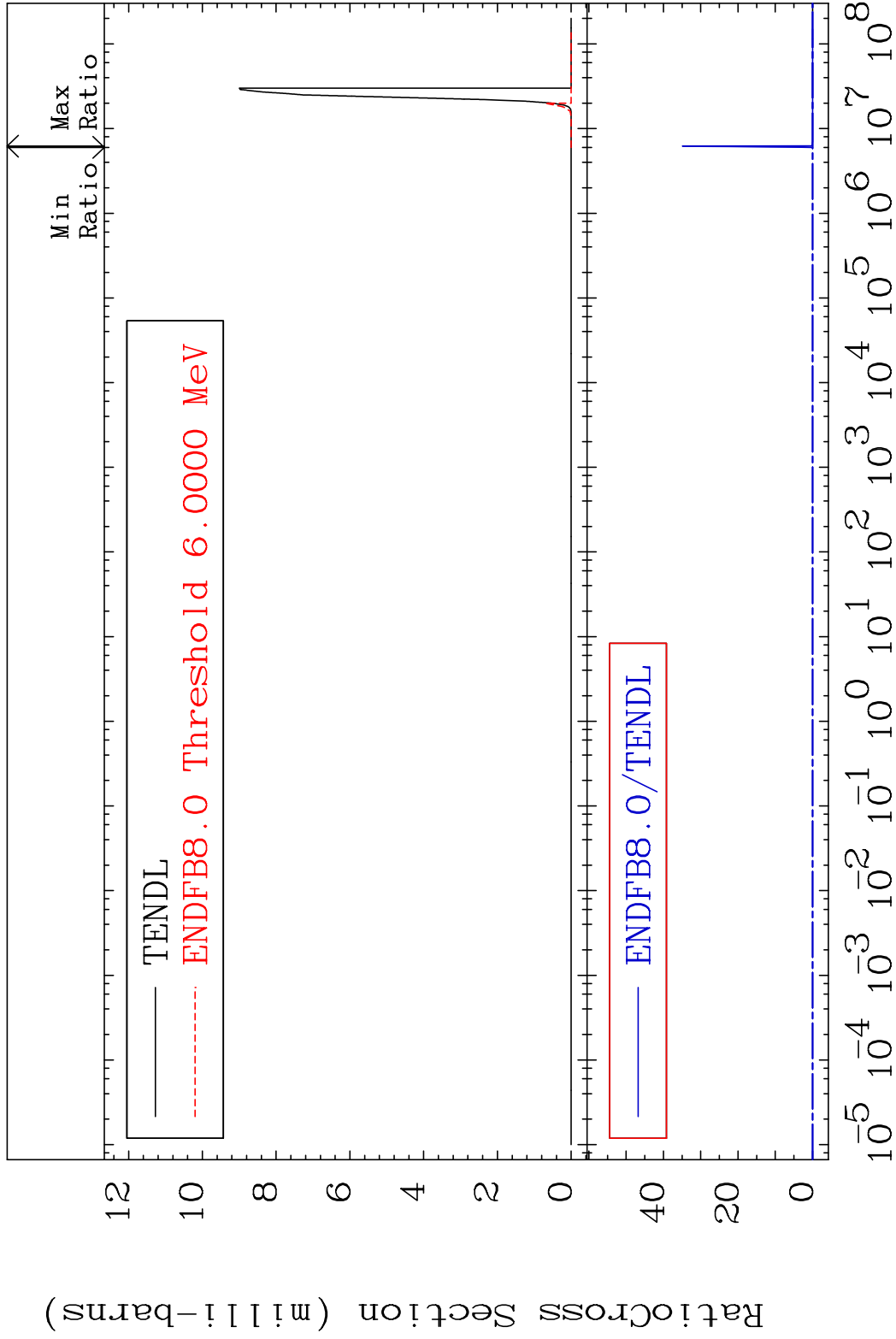


MAT 8040

(n, n') α

80-Hg-201

Cross Section -100.0 To 9999. %

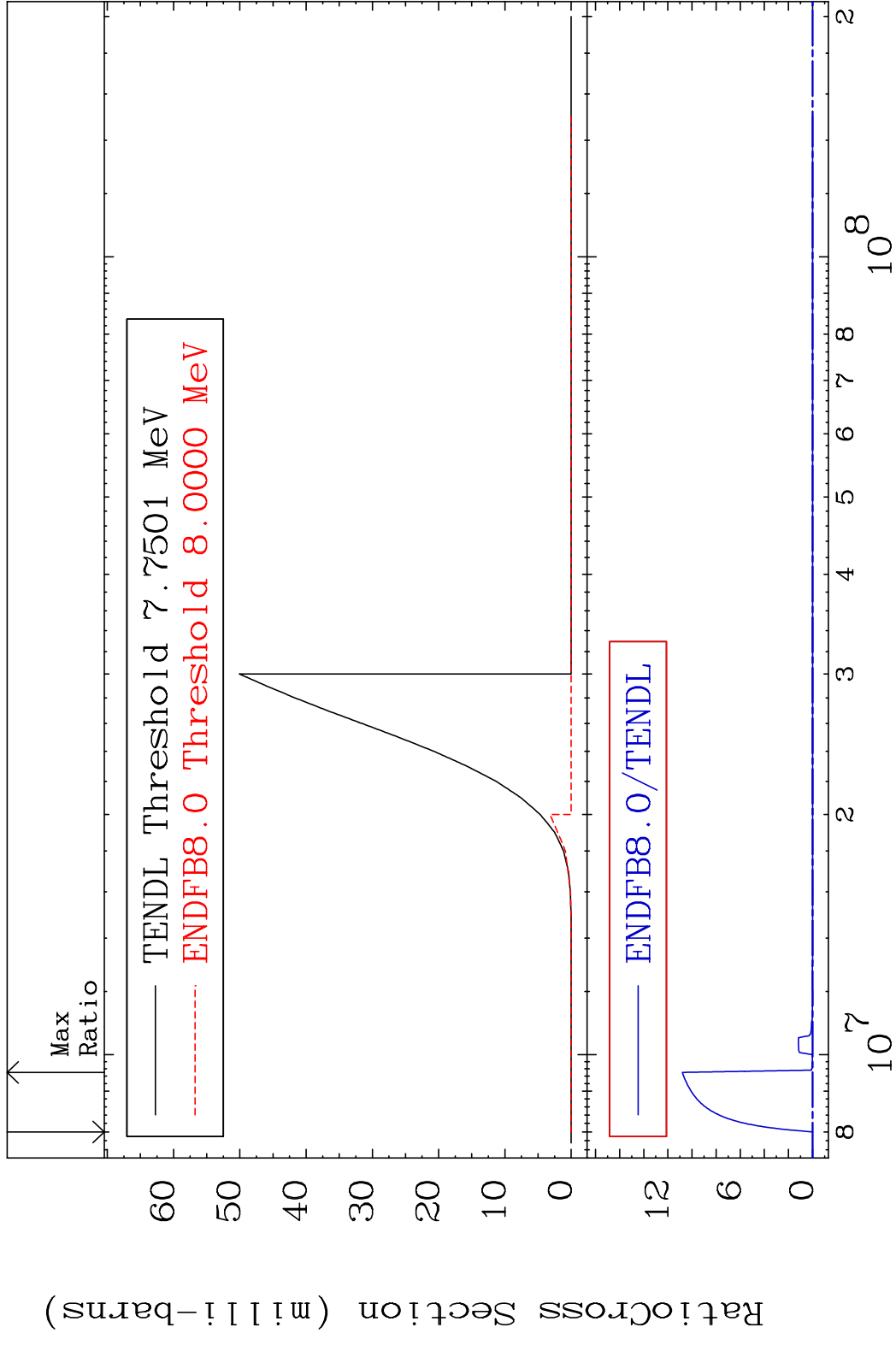


7

Incident Energy (eV)

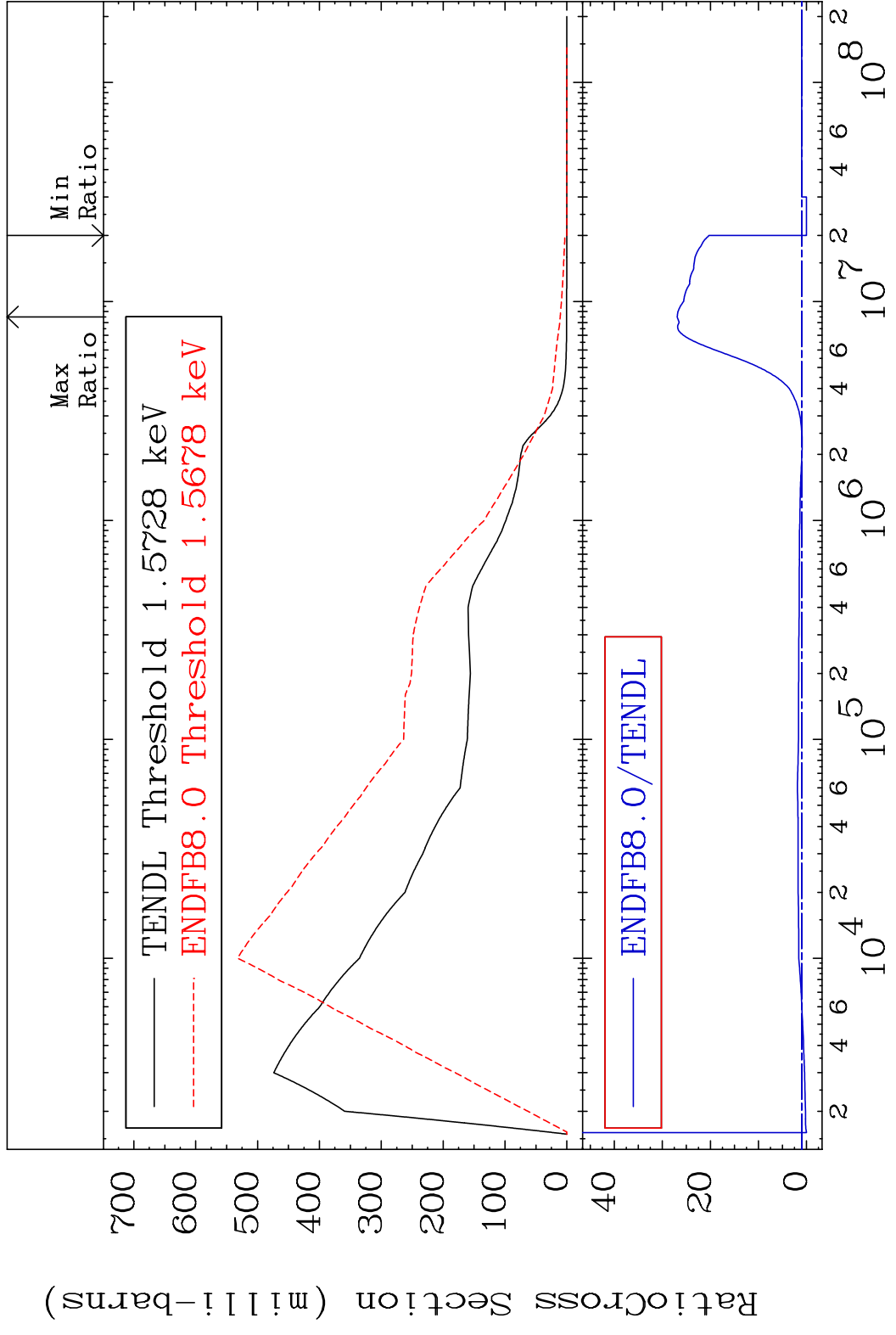
80-Hg-201

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

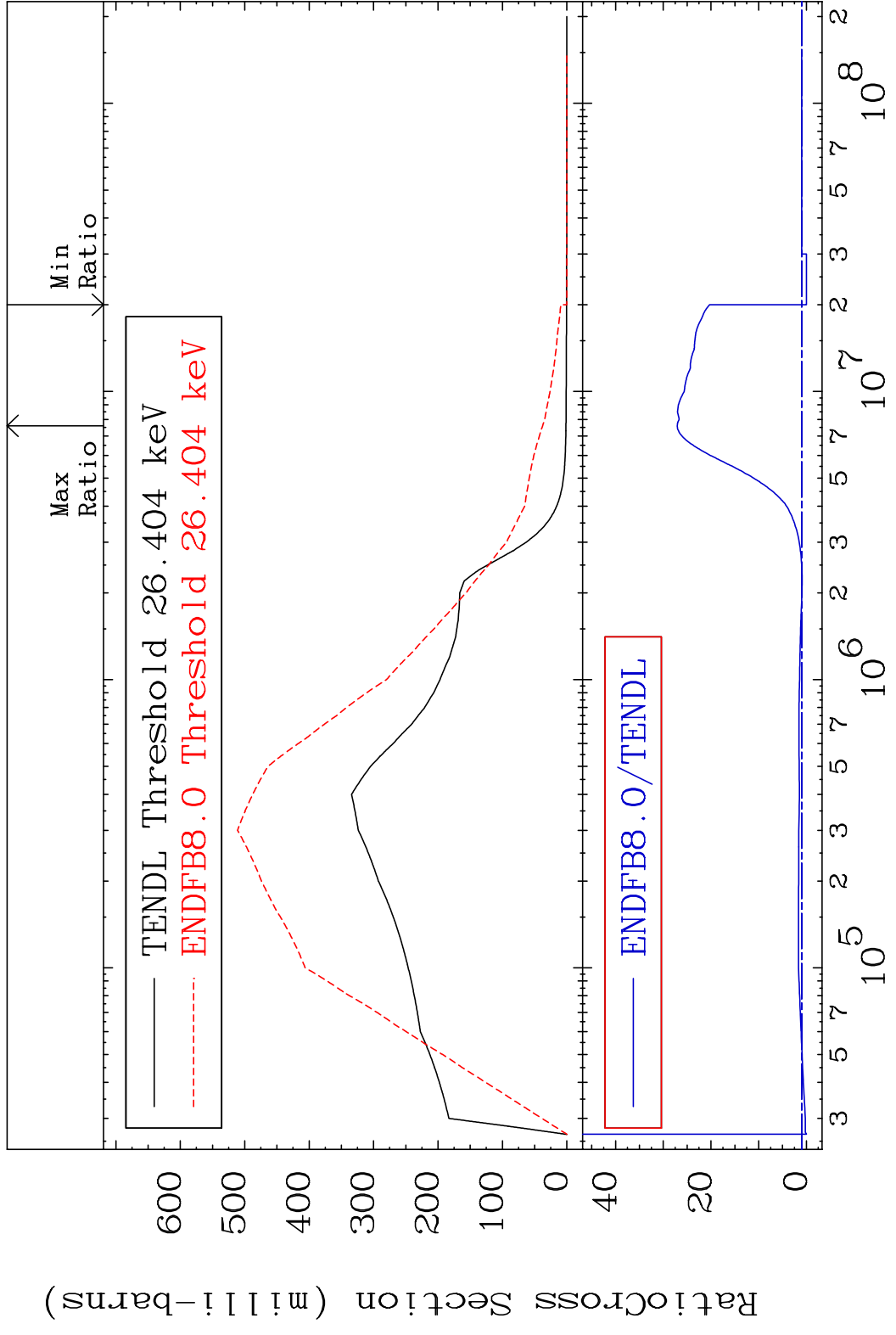


8 8 Incident Energy (eV) 80-Hg-201

MAT 8040 MT= 51 (n, n') Level 80-Hg-201
 Cross Section -100.0 To 2592. %

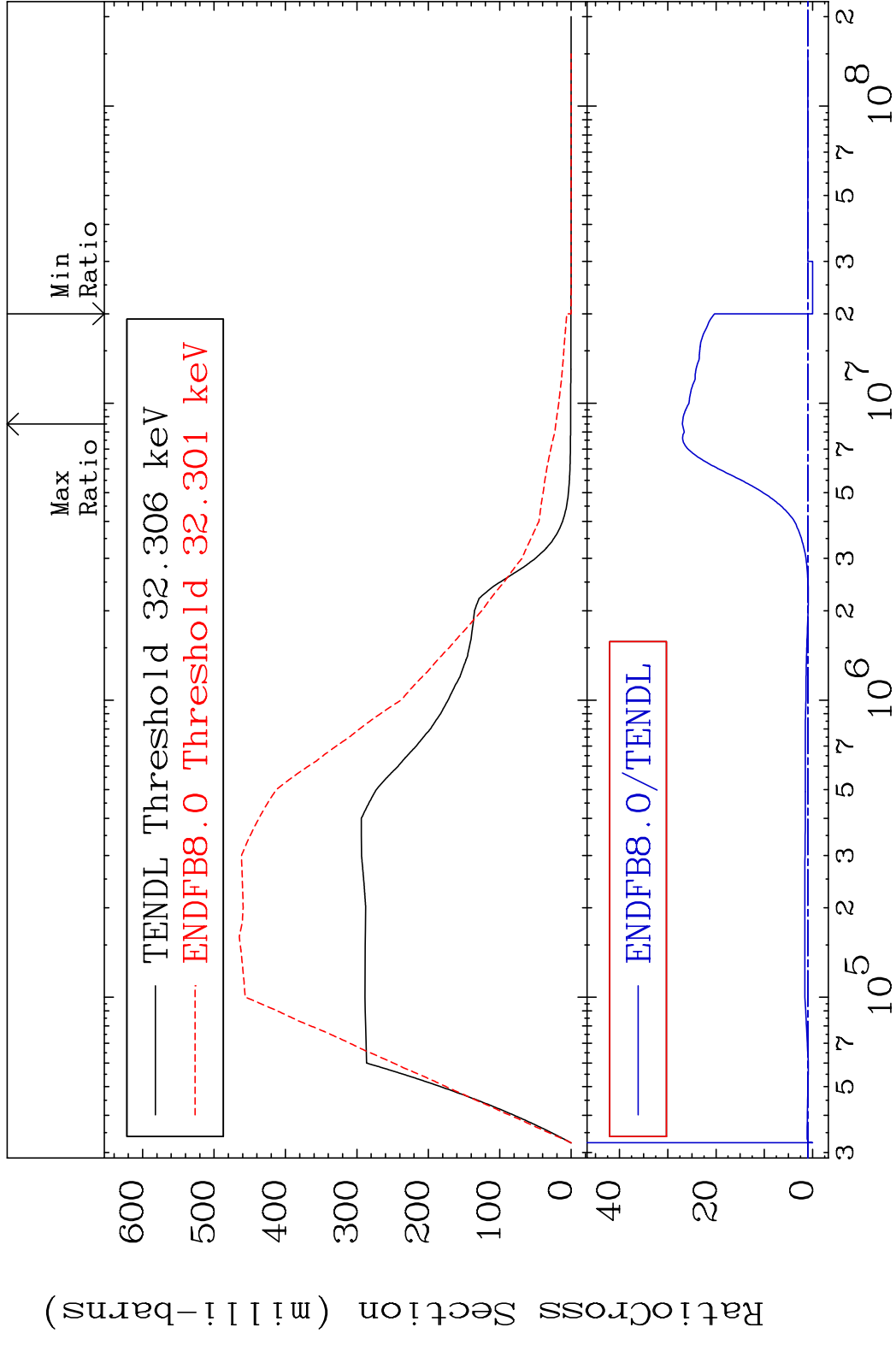


MAT 8040 MT= 52 (n, n') Level 80-Hg-201
 Cross Section -100.0 To 2608. %

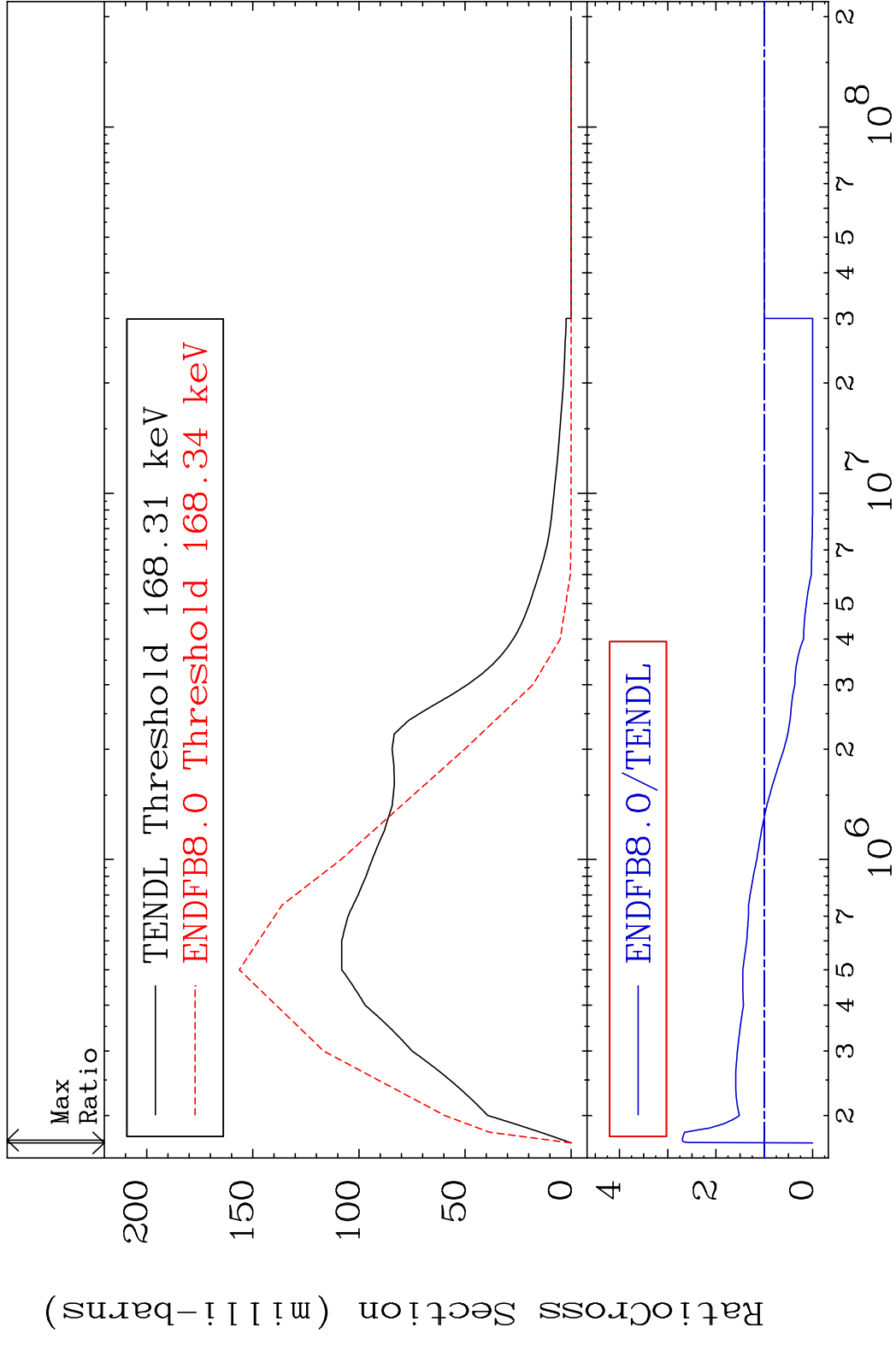


10 3 5 7 10⁵ 2 3 5 7 10⁶ 2 3 5 7 10⁷ 2 3 5 7 10⁸ 2 80-Hg-201

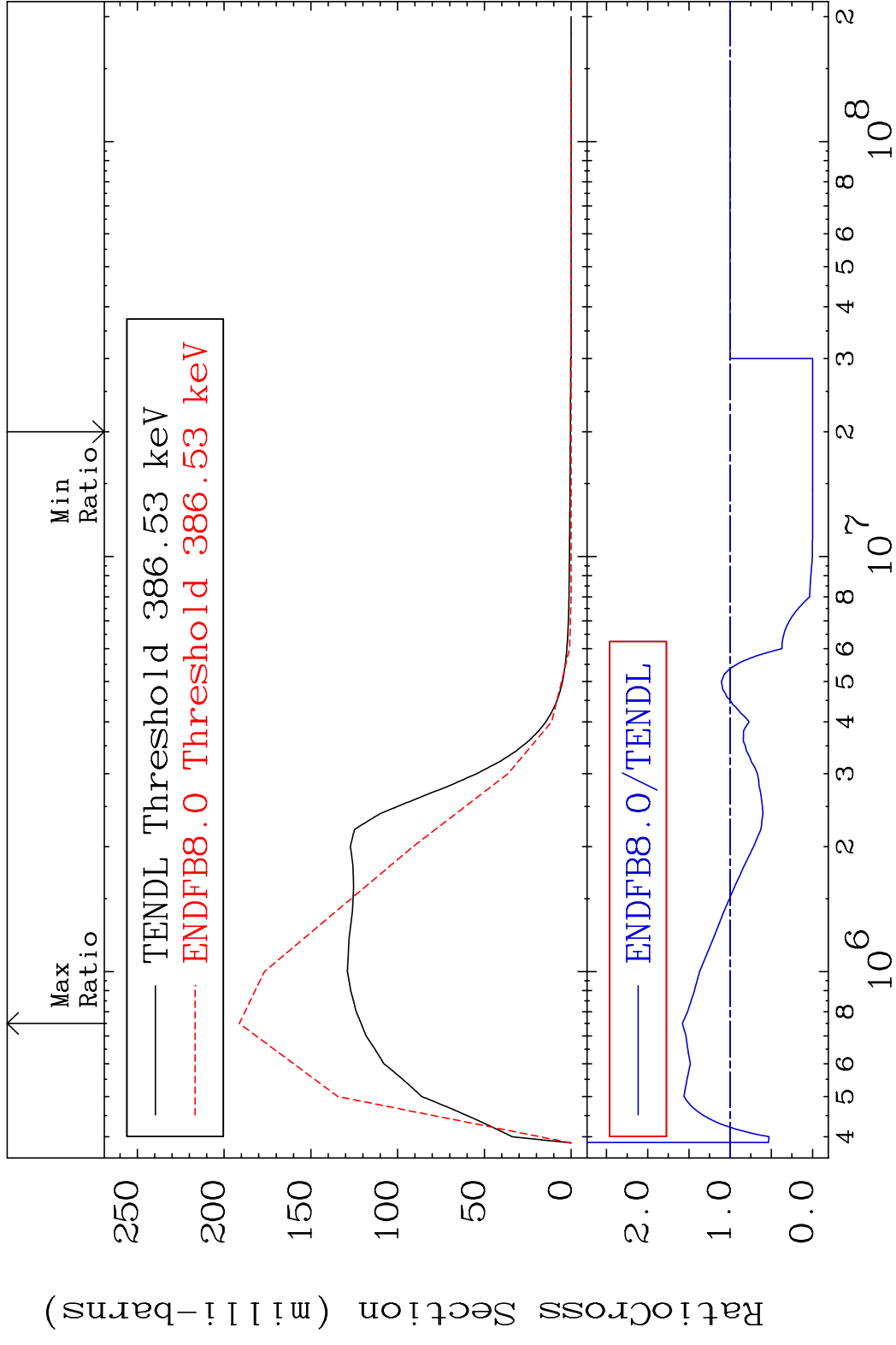
MAT 8040 MT= 53 (n, n') Level 80-Hg-201
 Cross Section -100.0 To 2598. %



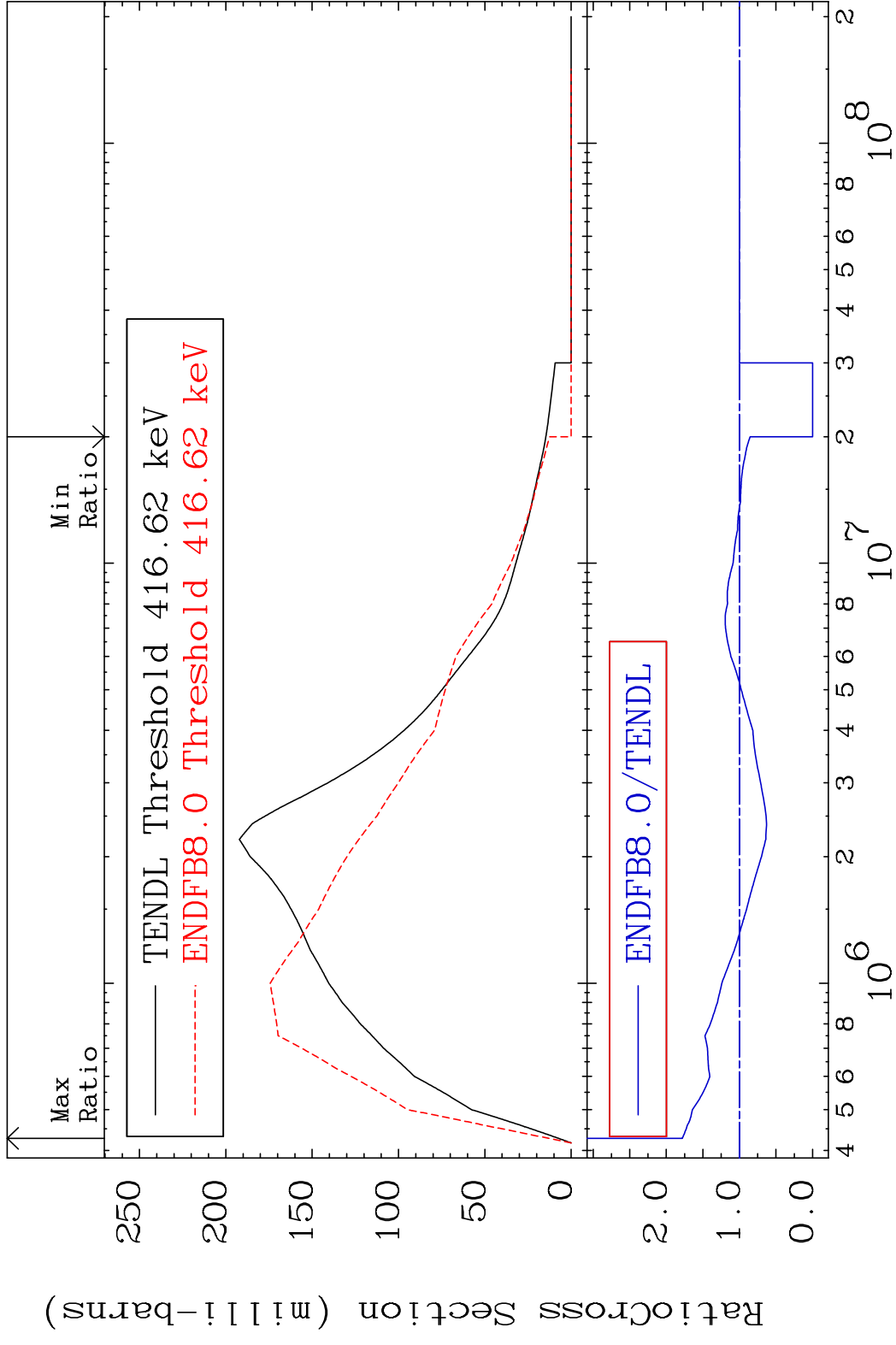
MAT 8040 MT= 54 (n, n') Level 80-Hg-201
 Cross Section -100.0 To 169.7 %



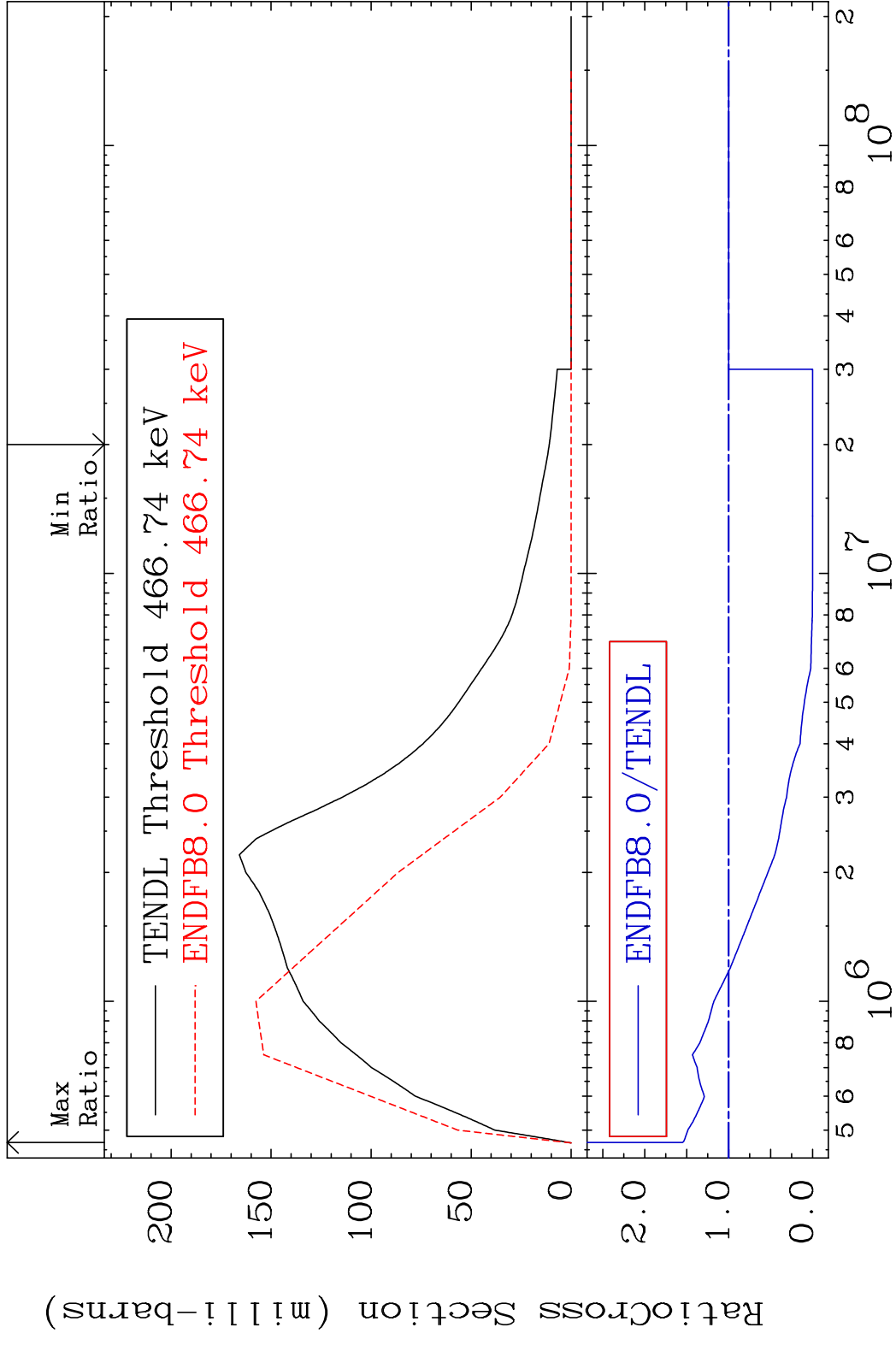
MAT 8040 MT= 55 (n, n') Level 80-Hg-201
 Cross Section -100.0 To 57.99 %



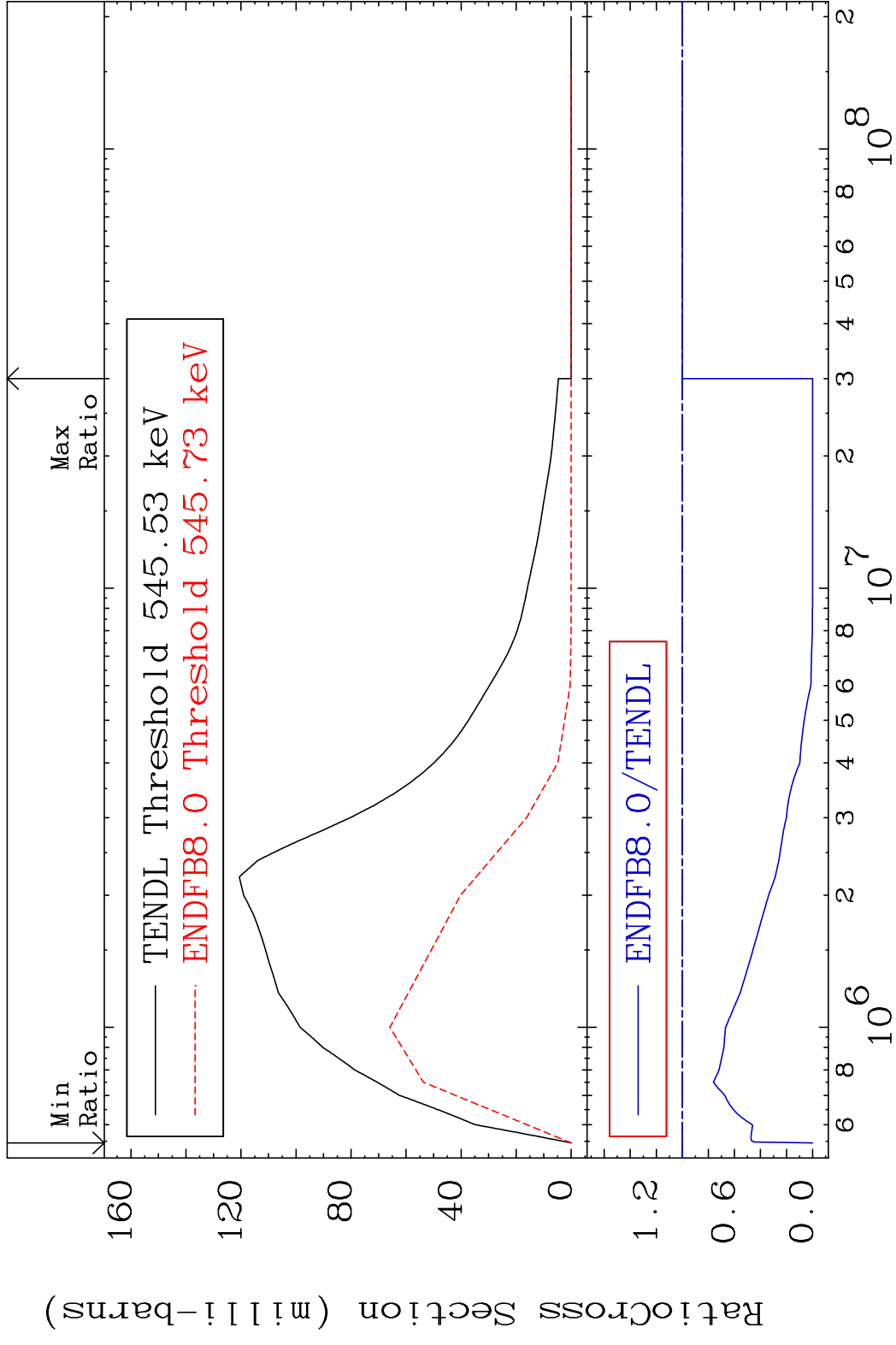
MAT 8040 MT= 56 (n, n') Level 80-Hg-201
 Cross Section -100.0 To 78.02 %



MAT 8040 MT= 57 (n, n') Level 80-Hg-201
 Cross Section -100.0 To 55.11 %

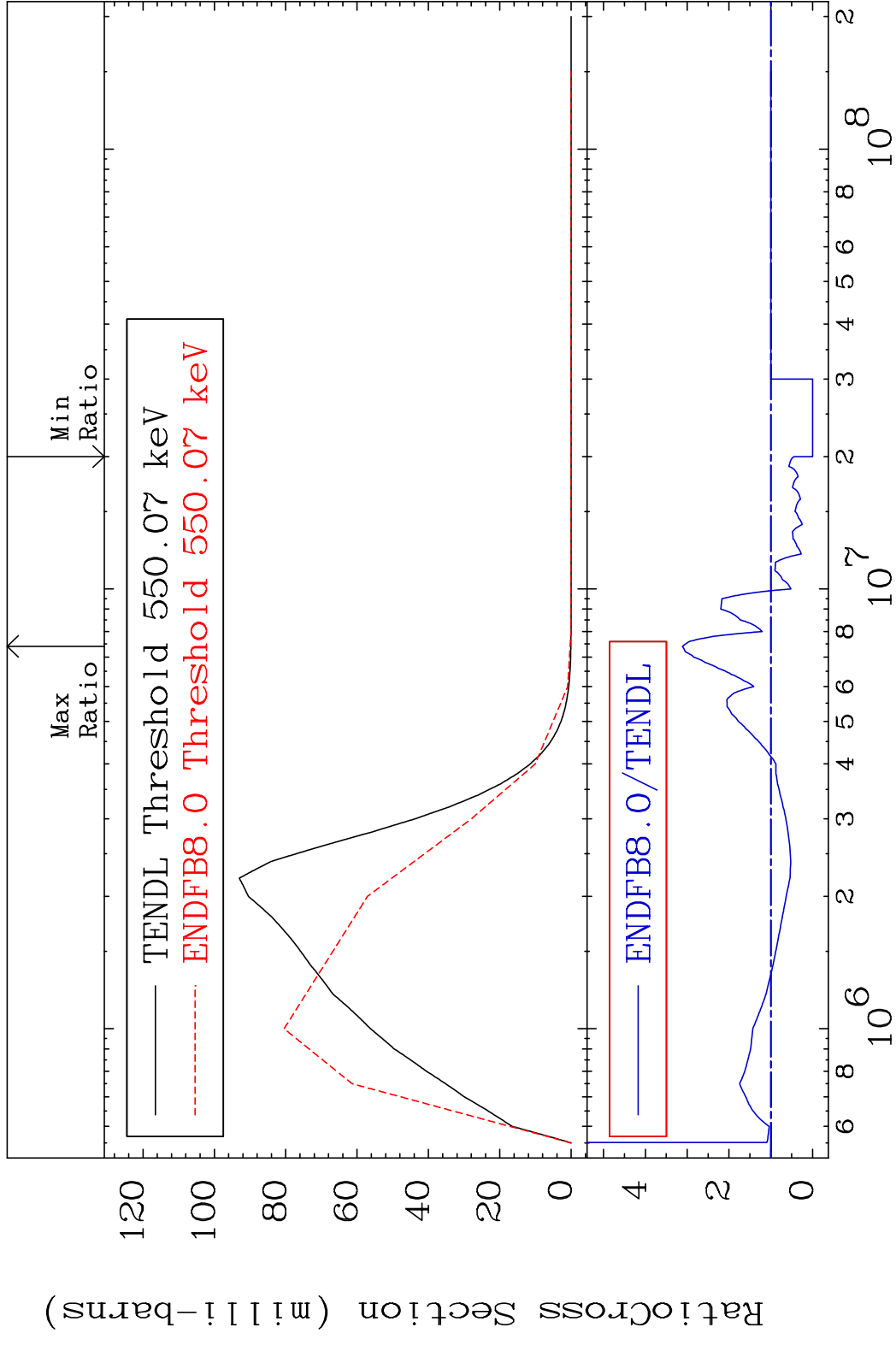


MAT 8040 MT= 58 (n, n') Level 80-Hg-201
 Cross Section -100.0 To 0.000 %

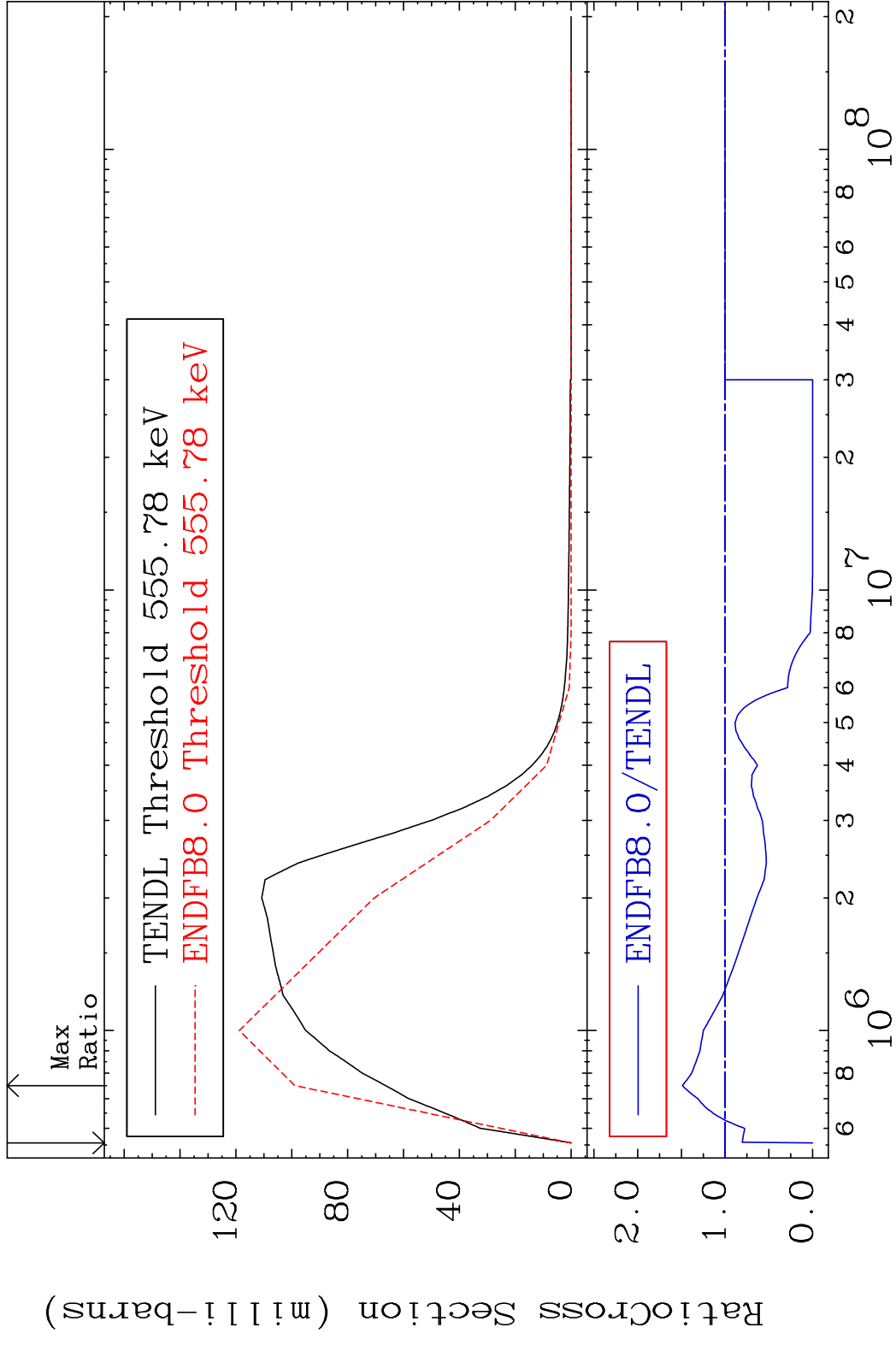


16 Incident Energy (eV) 80-Hg-201

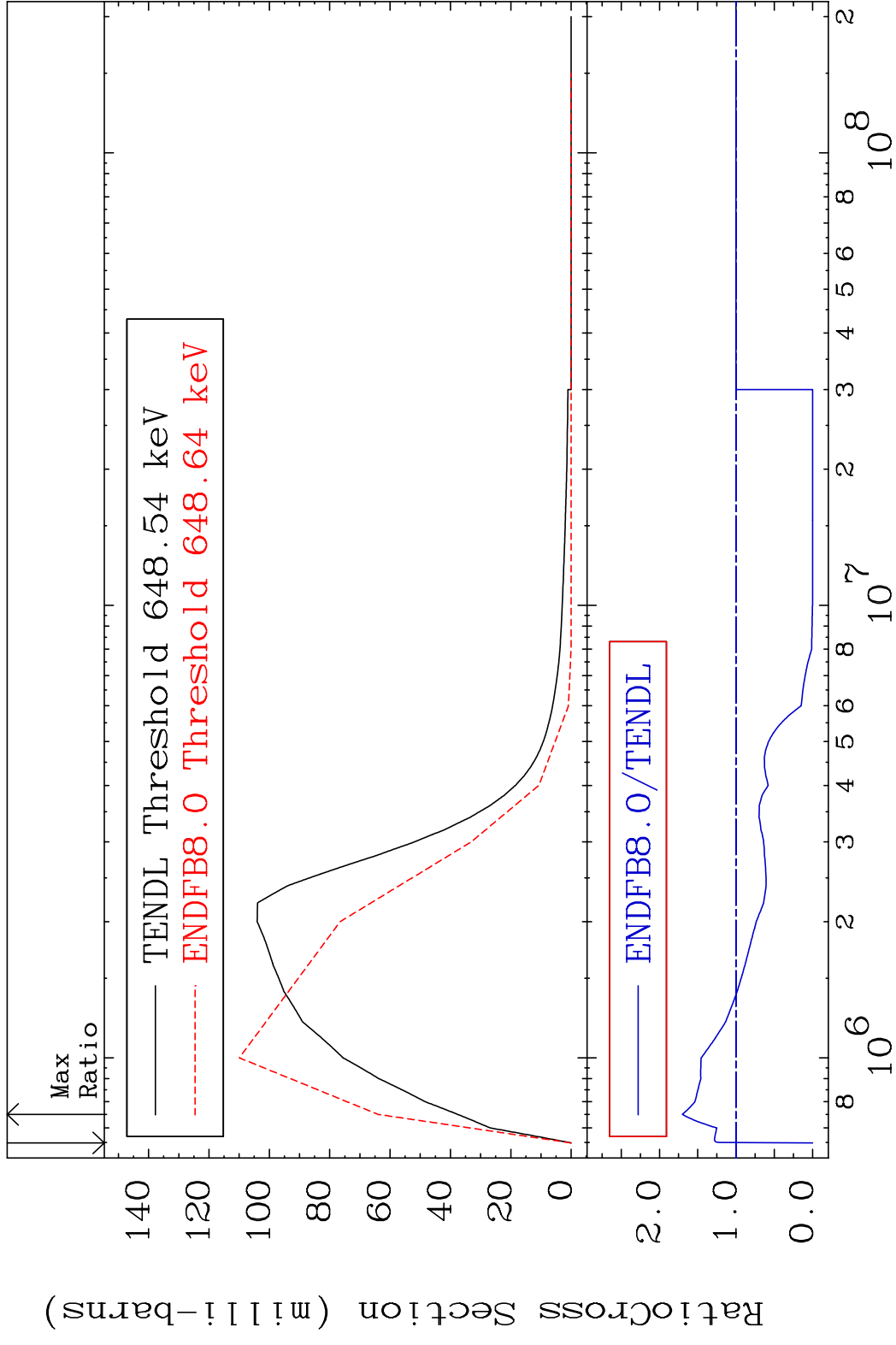
MAT 8040 MT= 59 (n, n') Level 80-Hg-201
 Cross Section -100.0 To 211.5 %



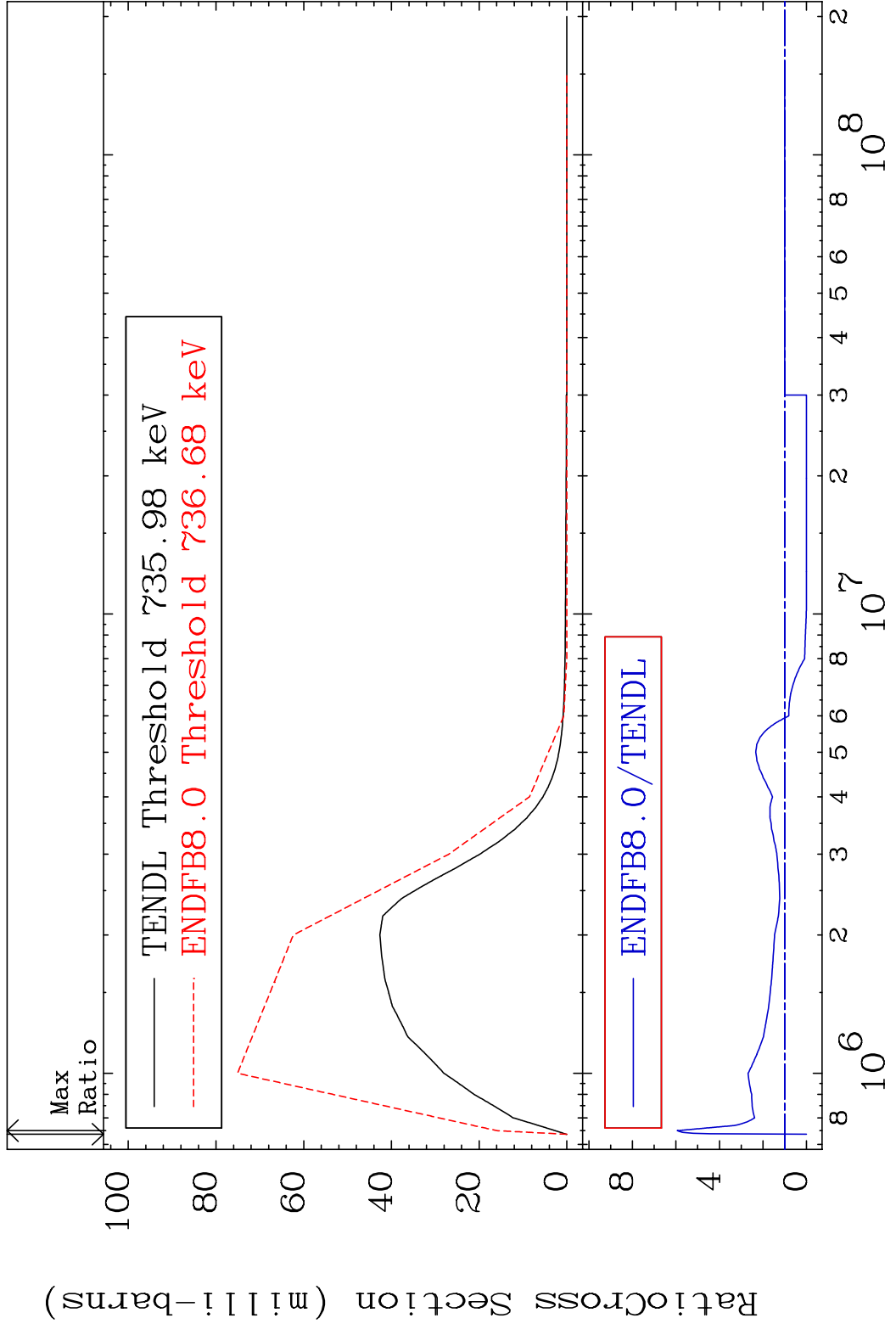
MAT 8040 MT= 60 (n, n') Level 80-Hg-201
 Cross Section -100.0 To 48.94 %



MAT 8040 MT= 61 (n, n') Level 80-Hg-201
 Cross Section -100.0 To 70.10 %

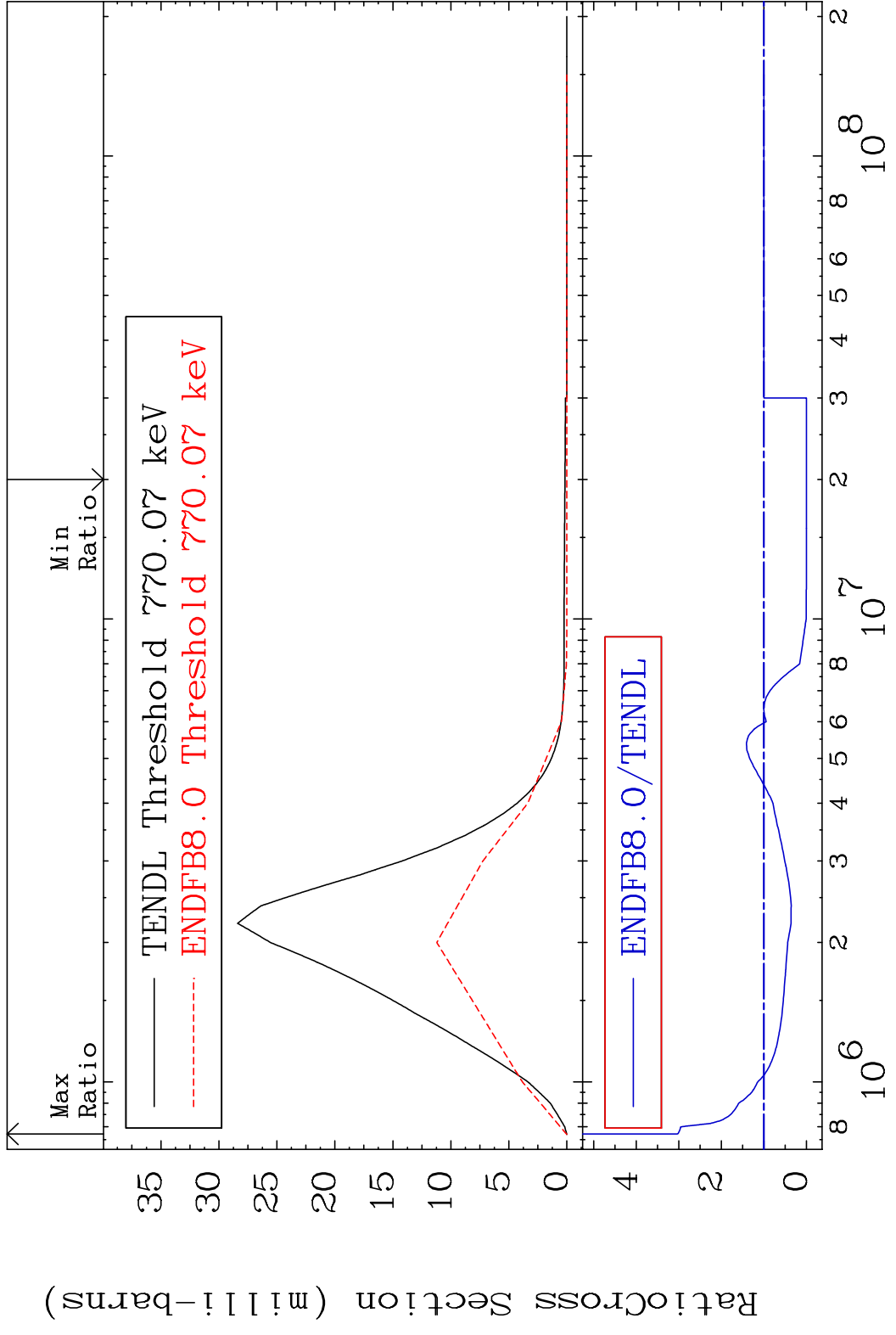


MAT 8040 MT= 62 (n, n') Level 80-Hg-201
 Cross Section -100.0 To 494.4 %

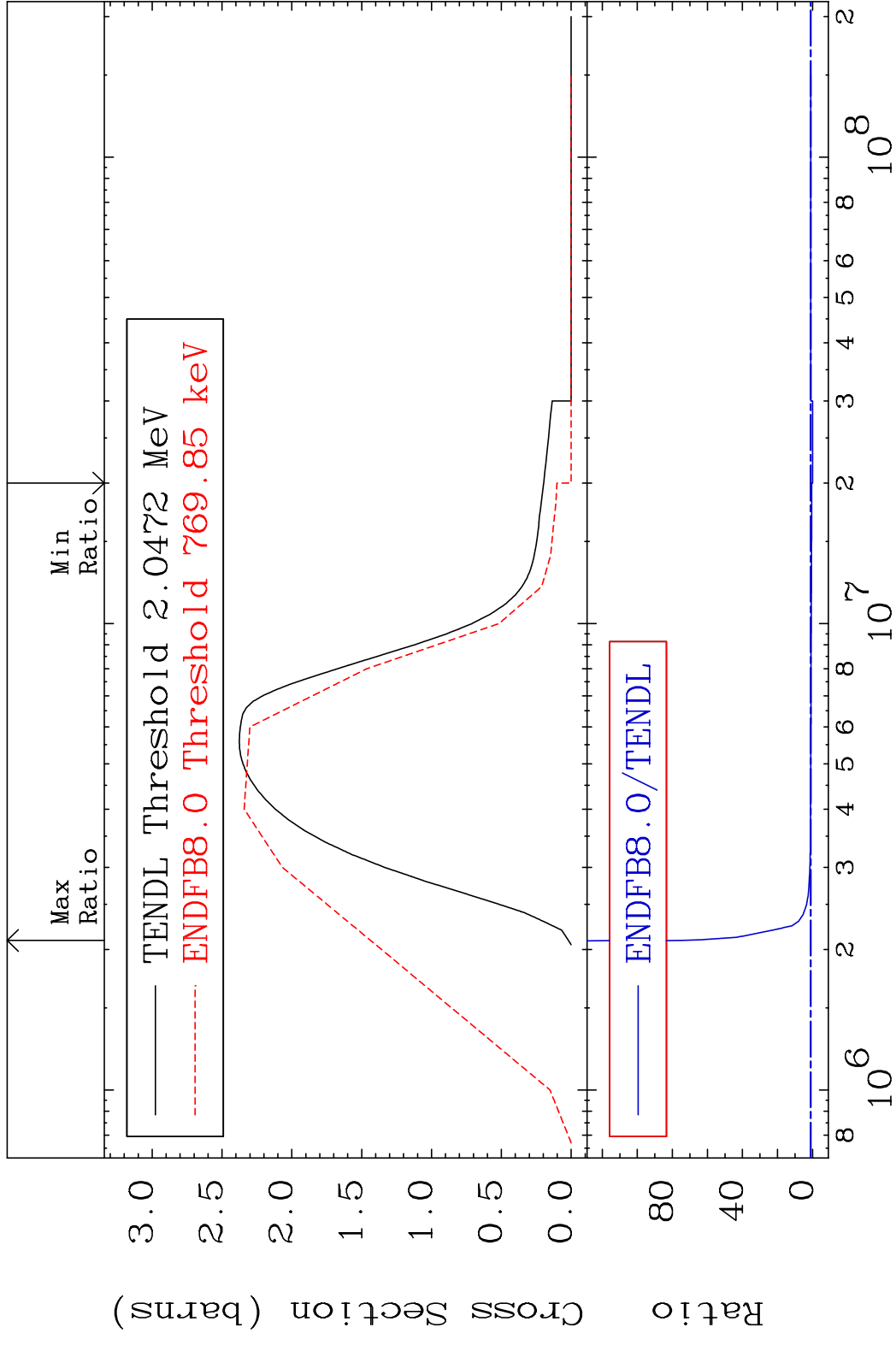


20 80-Hg-201

MAT 8040 MT= 63 (n, n') Level 80-Hg-201
 Cross Section -100.0 To 203.7 %

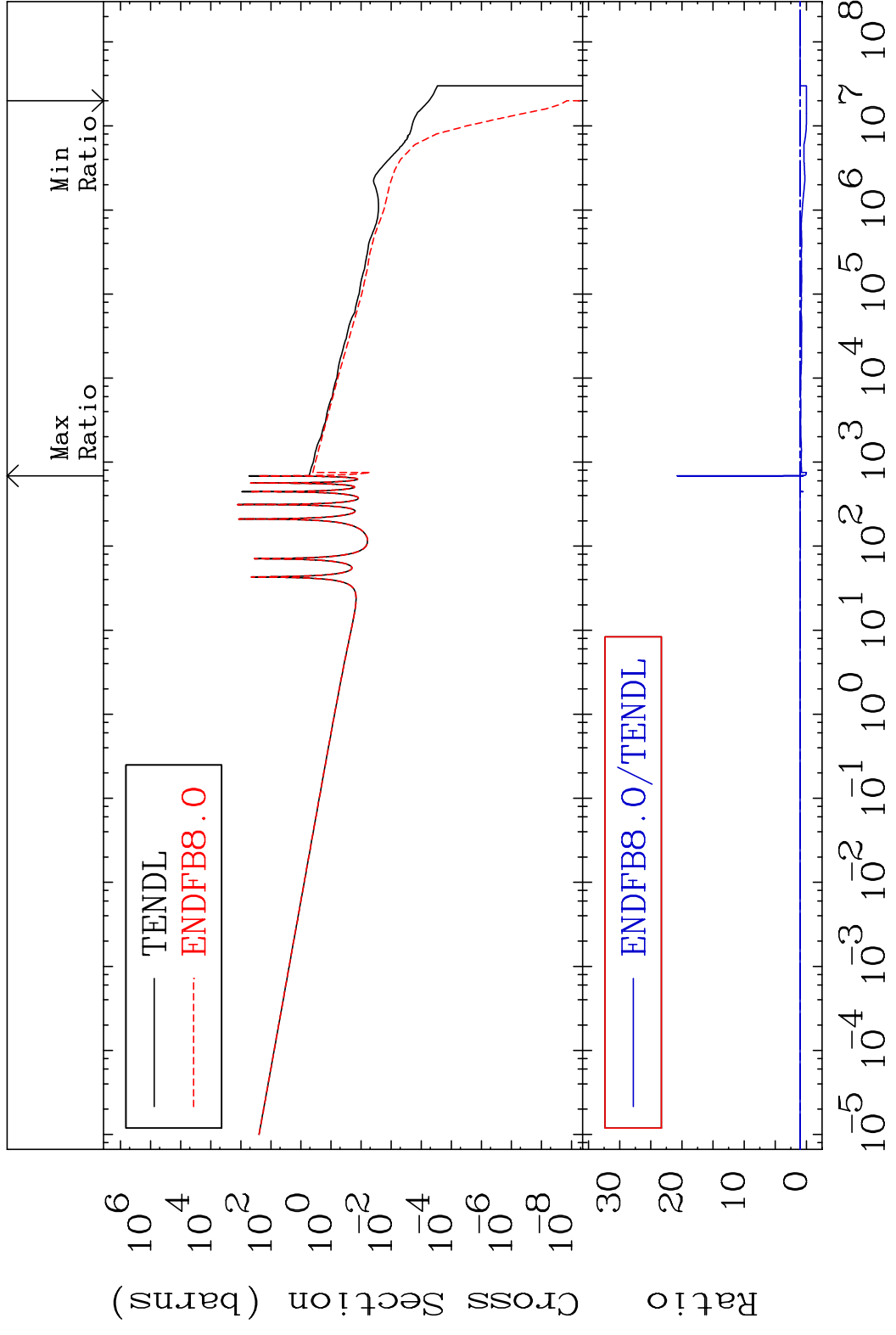


MAT 8040 (n,n') Continuum 80-Hg-201
 Cross Section -100.0 To 7330. %



MAT 8040

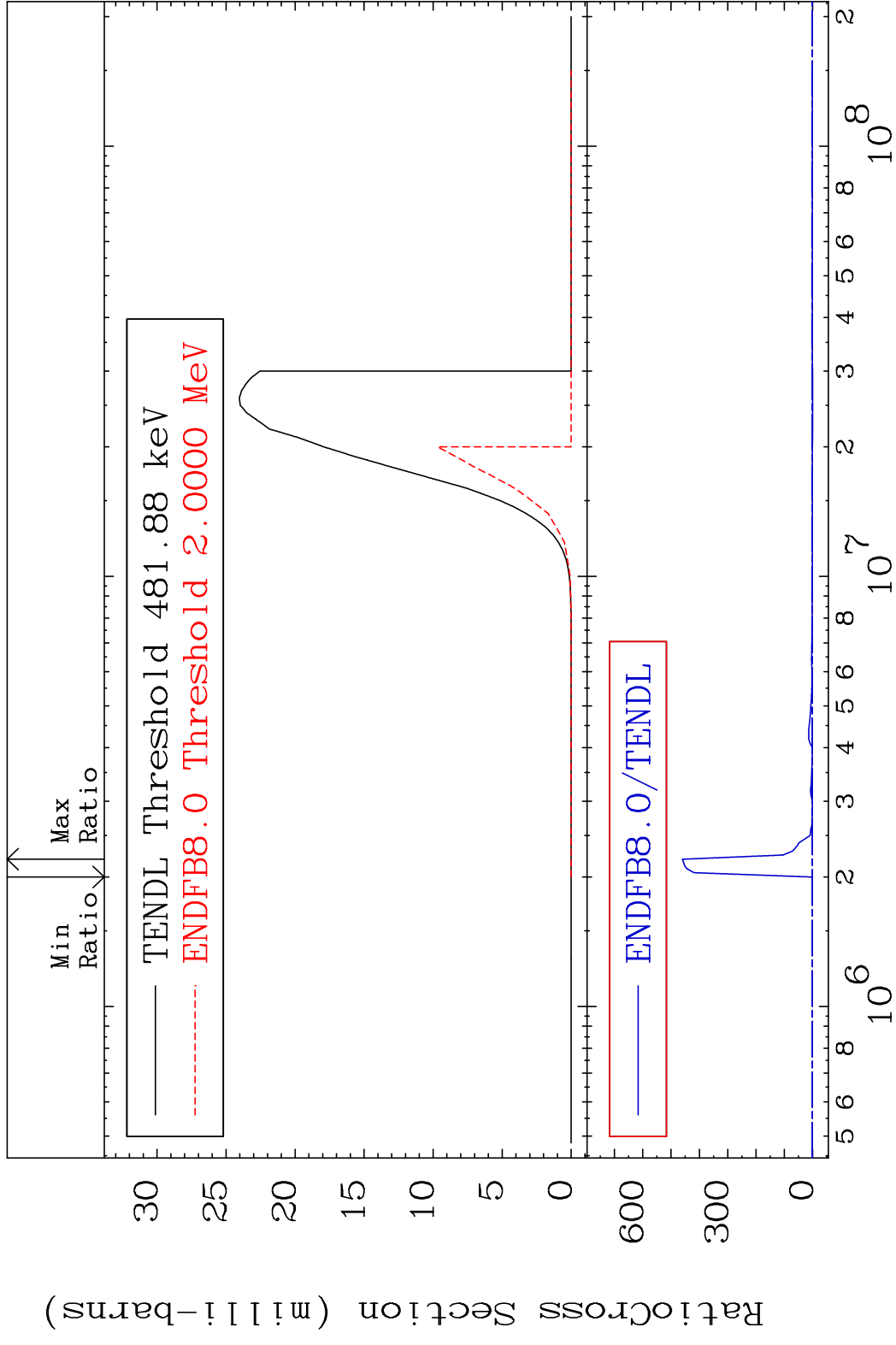
(n, γ)
Cross Section -100.0 To 1976. %
80-Hg-201



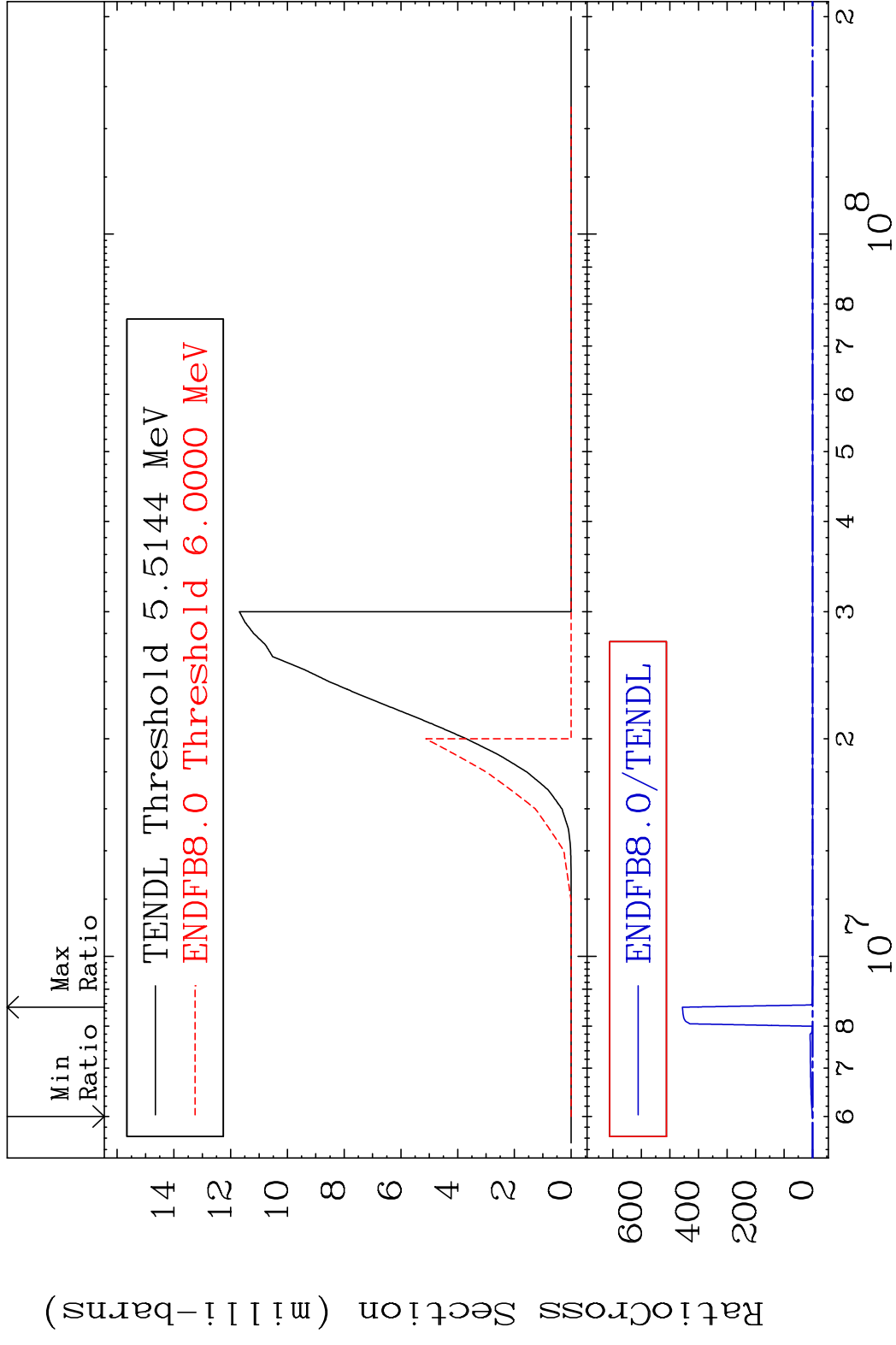
23

Incident Energy (eV) 80-Hg-201

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

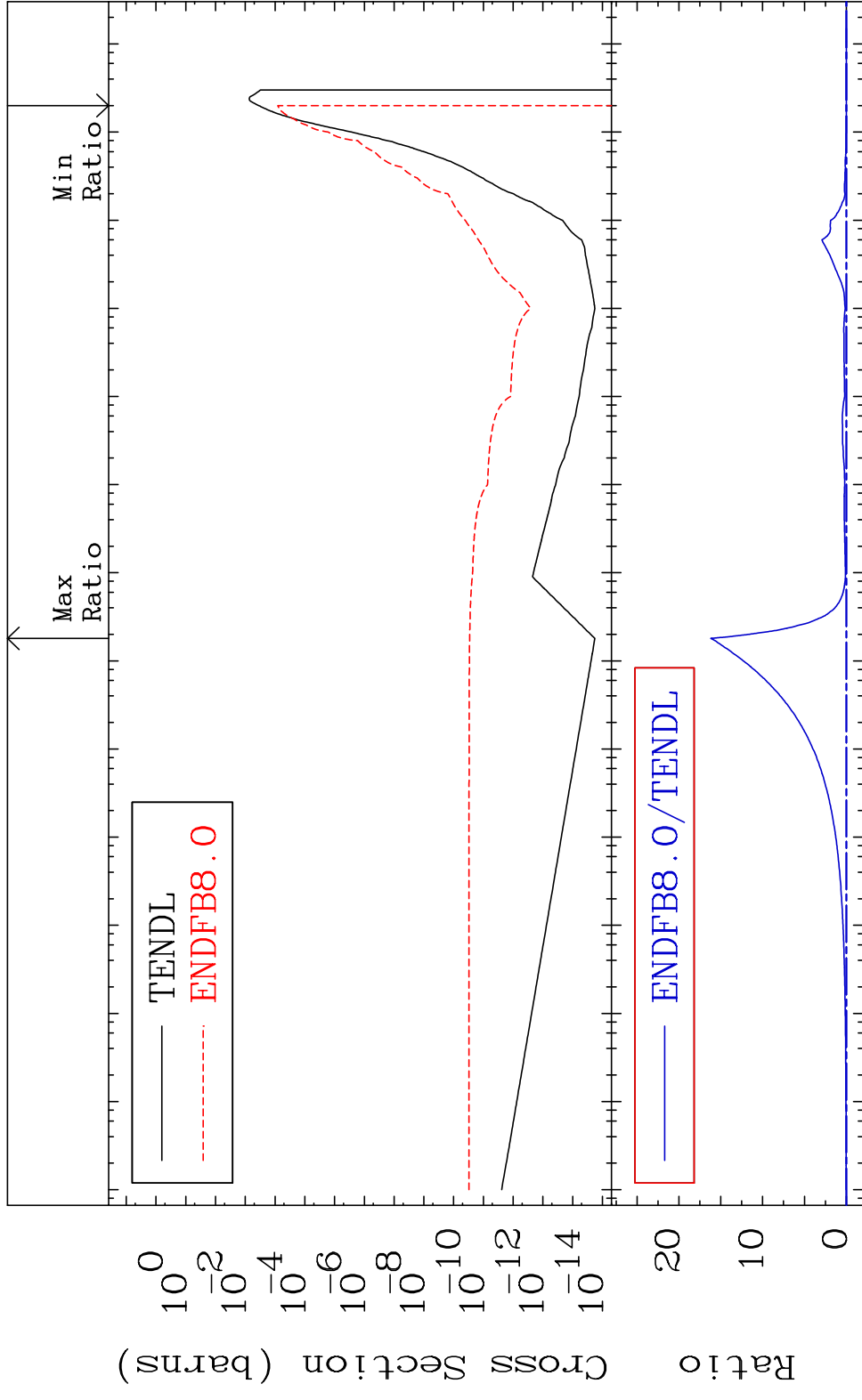


MAT 8040 (n,d) 80-Hg-201
 Cross Section -100.0 To 9999. %



25 Incident Energy (eV) 80-Hg-201

MAT 8040 (n, α) Cross Section -100.0 To 9999.0 % 80-Hg-201

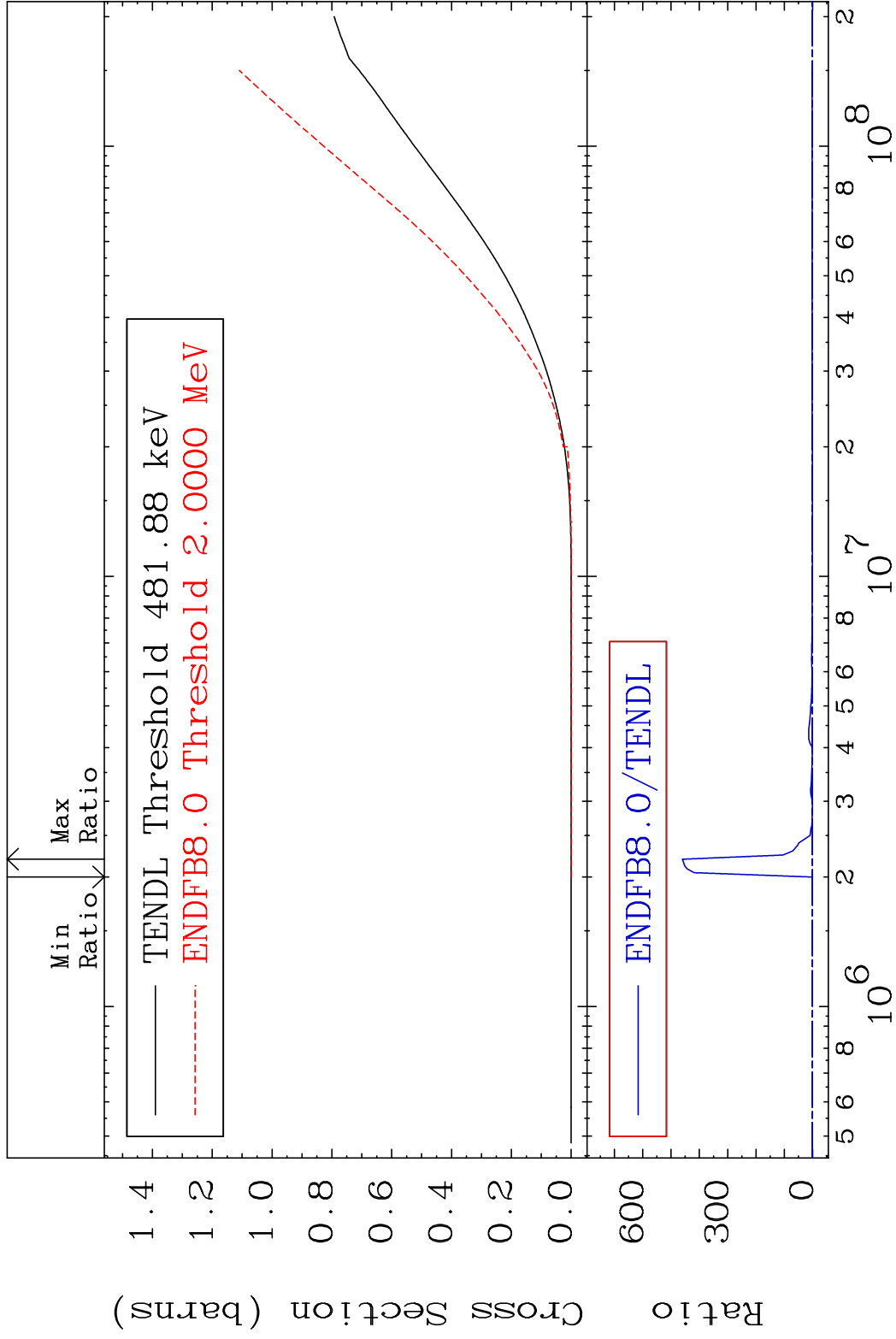


MAT 8040

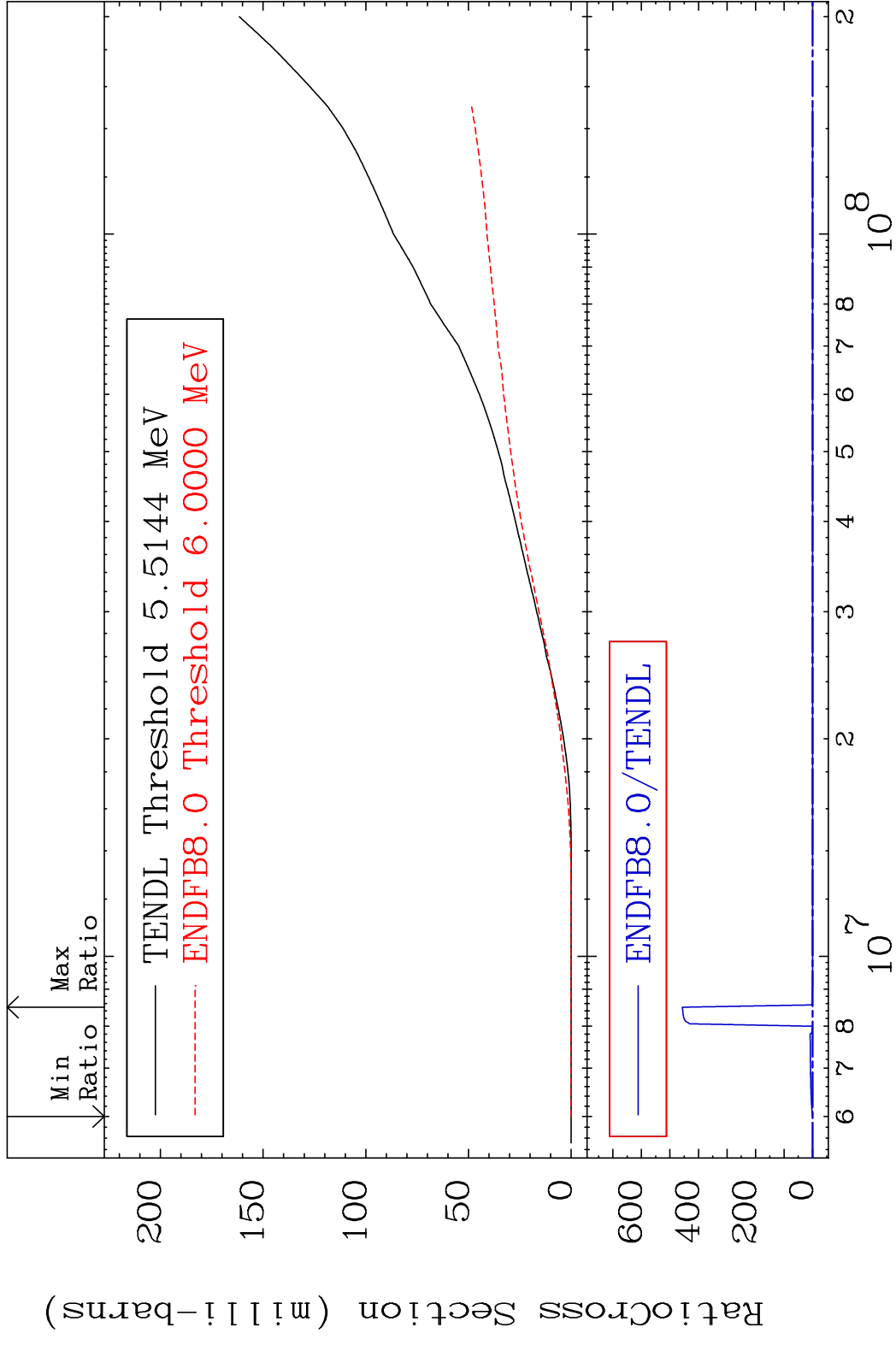
Hydrogen Production

80-Hg-201

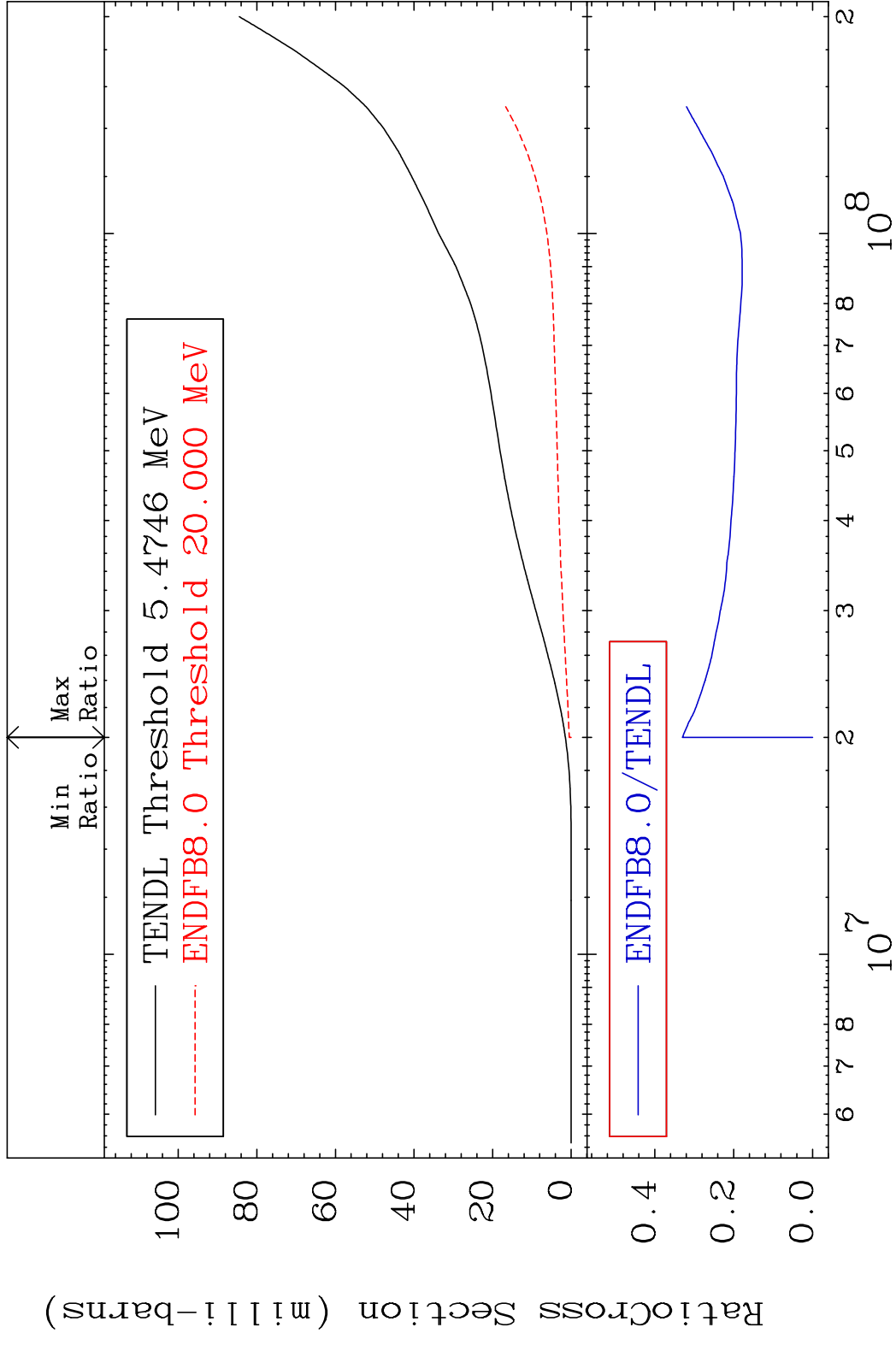
Cross Section -100.0 To 9999. %



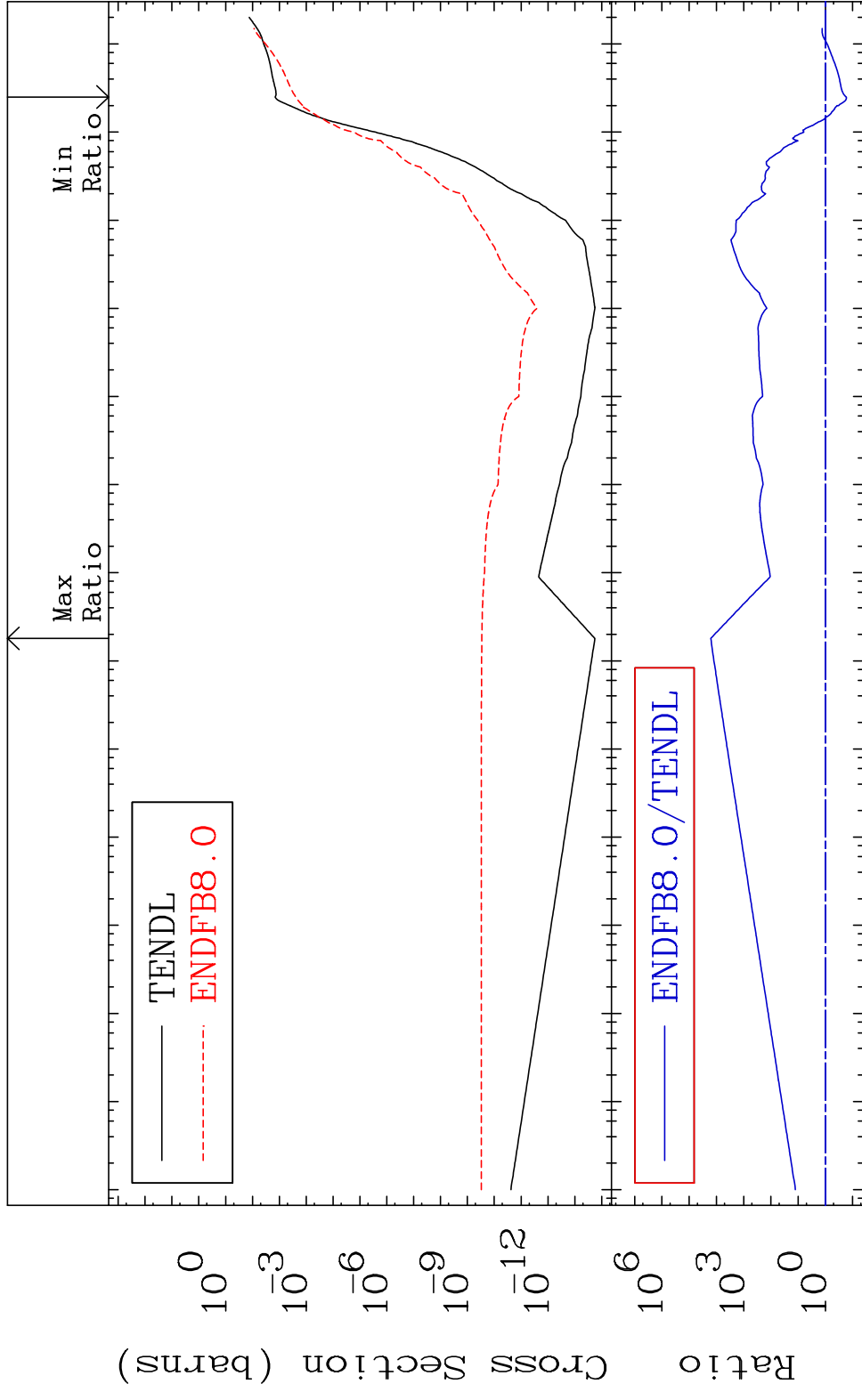
MAT 8040 Deuterium Production 80-Hg-201
 Cross Section -100.0 To 9999. %



MAT 8040 Tritium Production 80-Hg-201
 Cross Section -100.0 To -67.01%

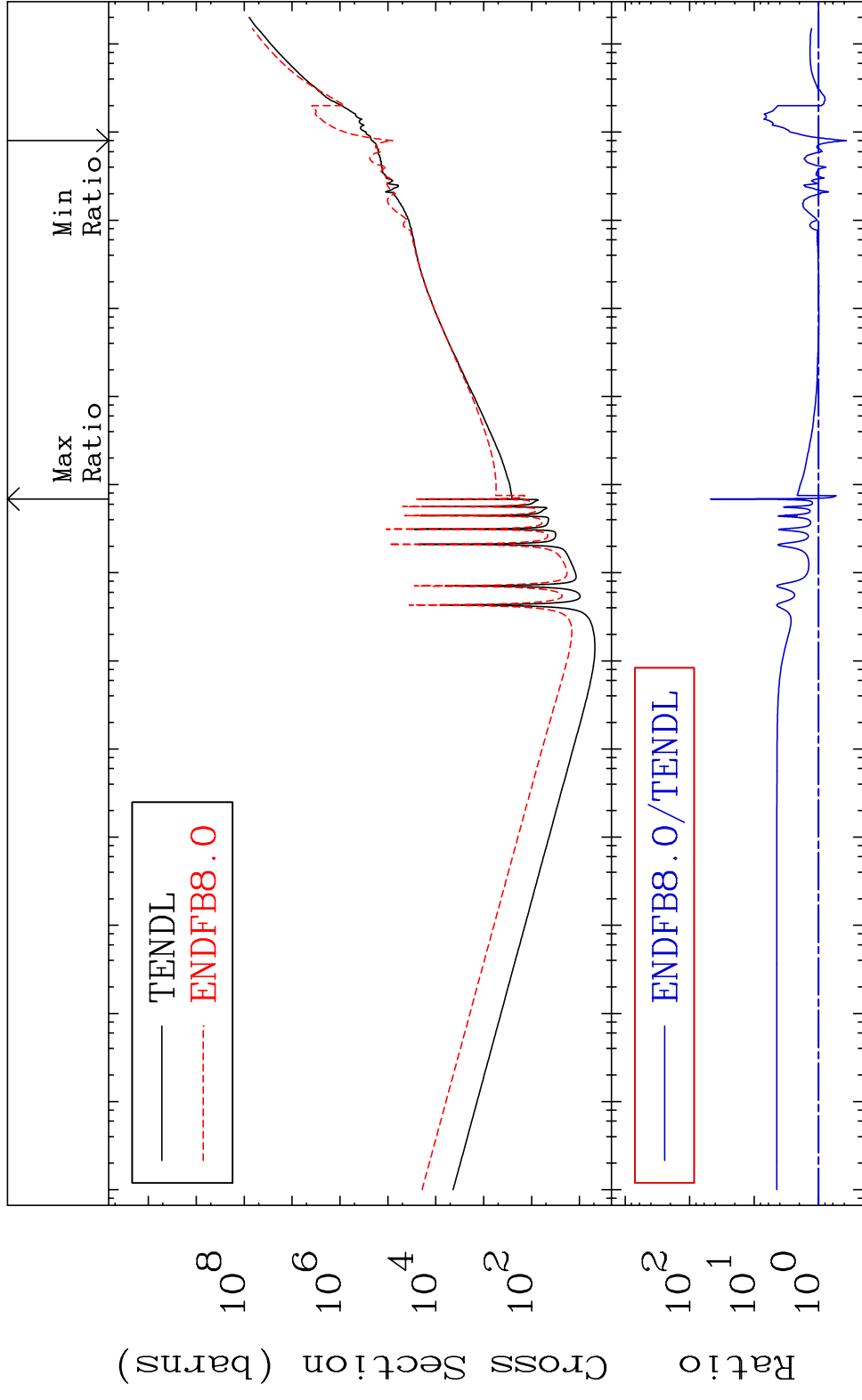


MAT 8040 He-4 Production 80-Hg-201
 Cross Section -82.91 To 9999. %



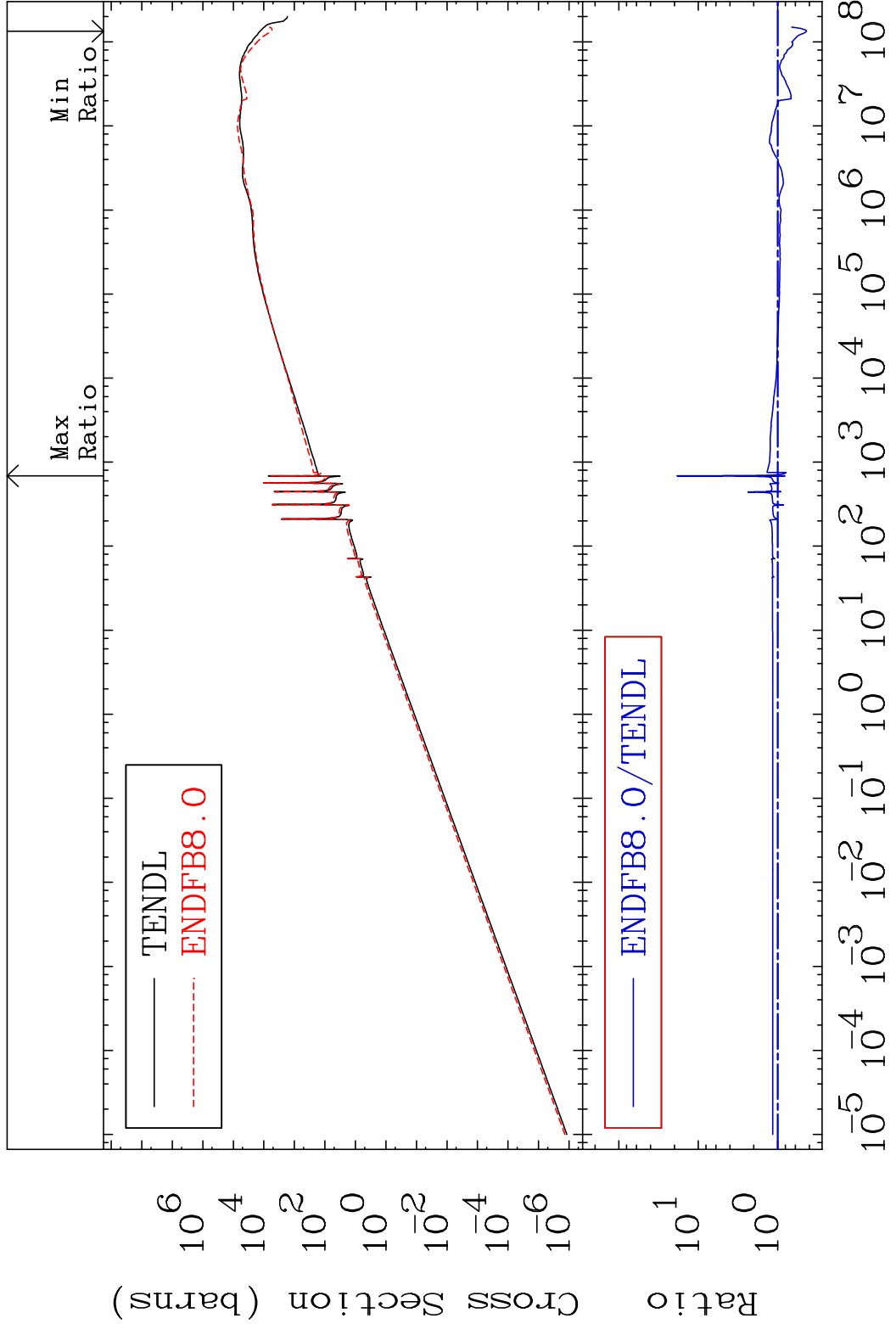
30 Incident Energy (eV) 80-Hg-201

MAT 8040 Kerma total (eV-barns) 80-Hg-201
 Cross Section -62.78 To 4618. %

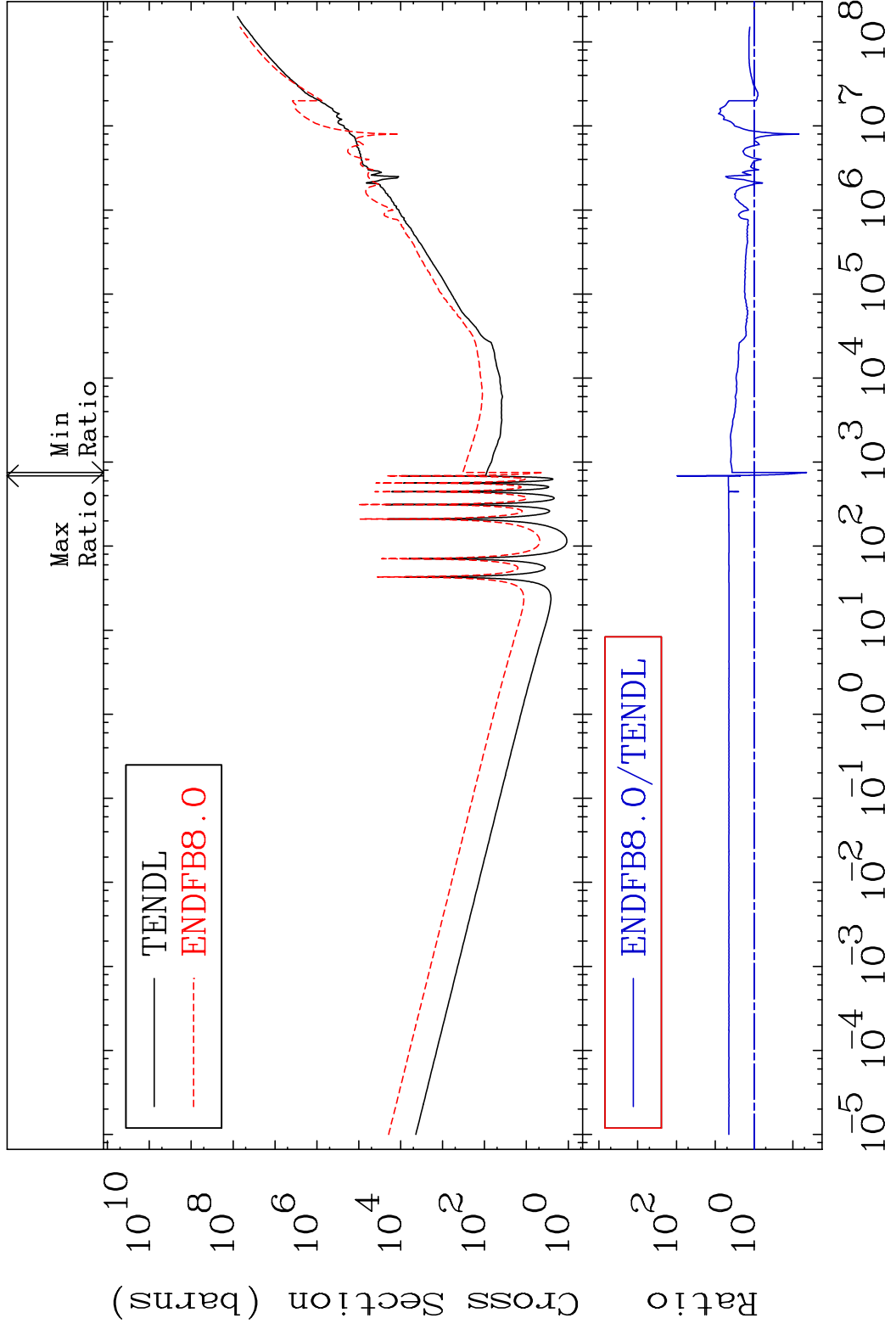


MAT 8040

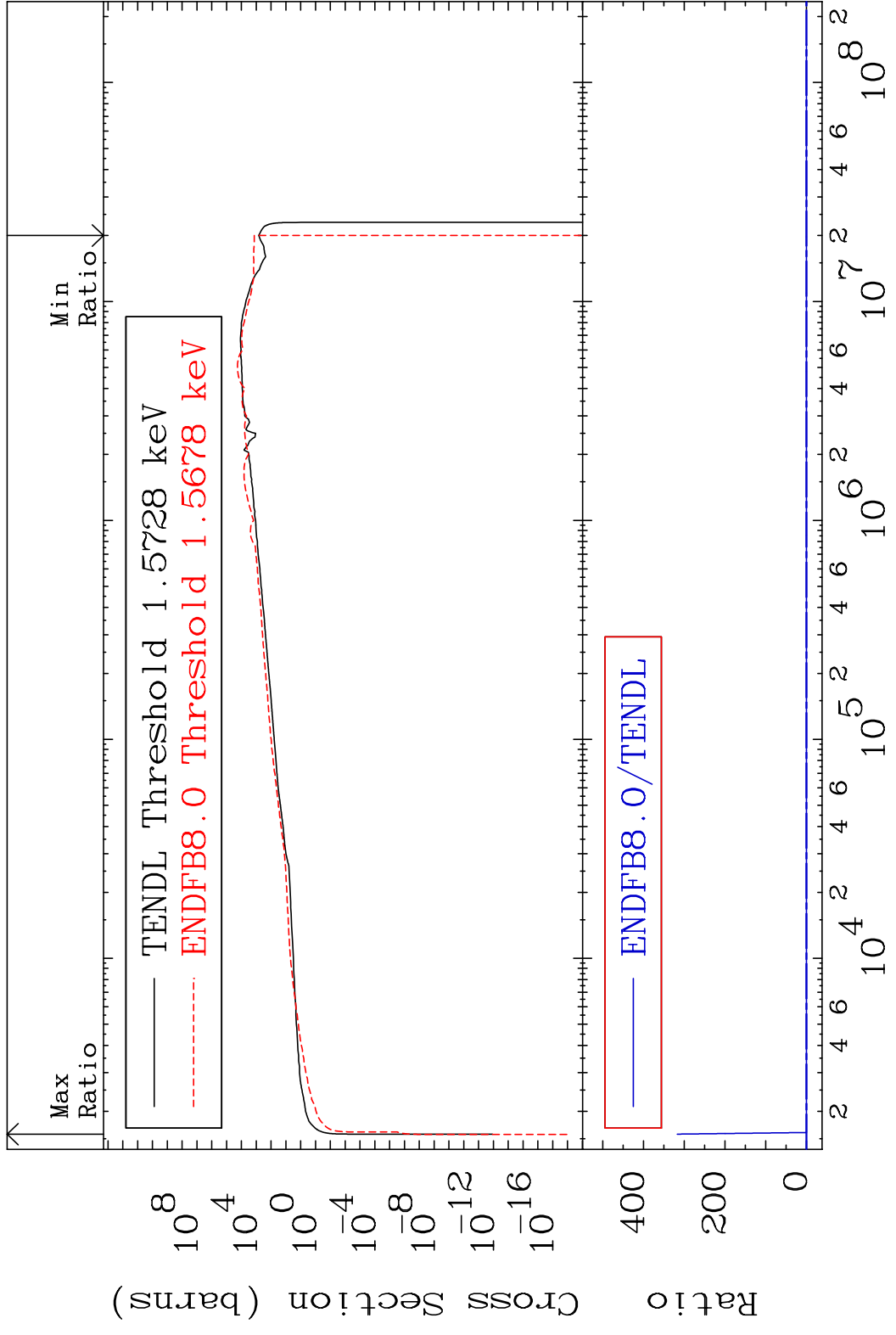
Kerma elastic Cross Section -56.46 To 1745. %
80-Hg-201



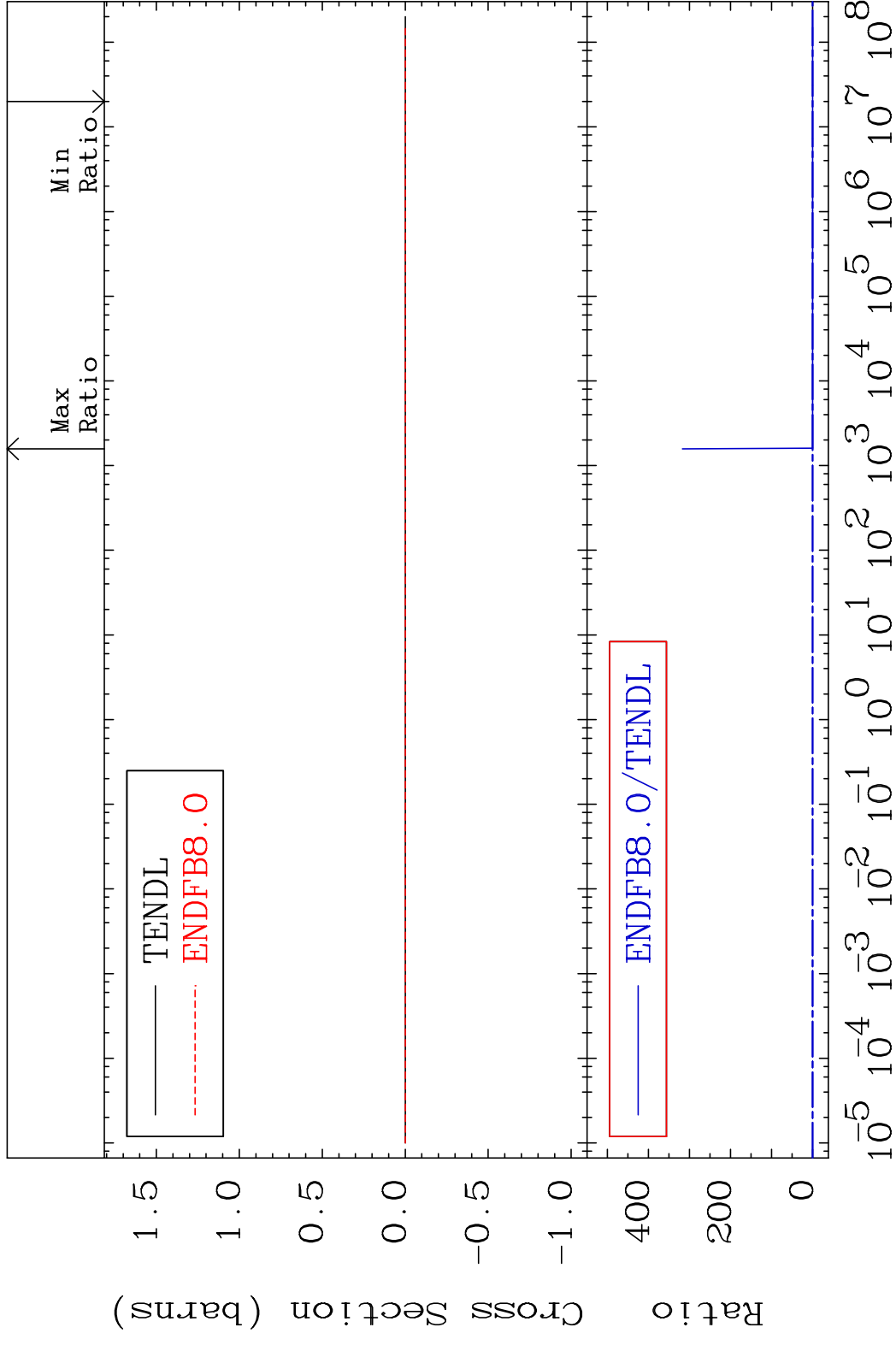
MAT 8040 Kerma non-elastic (all but mt2) 80-Hg-201
 Cross Section -95.53 To 9494. %



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. %

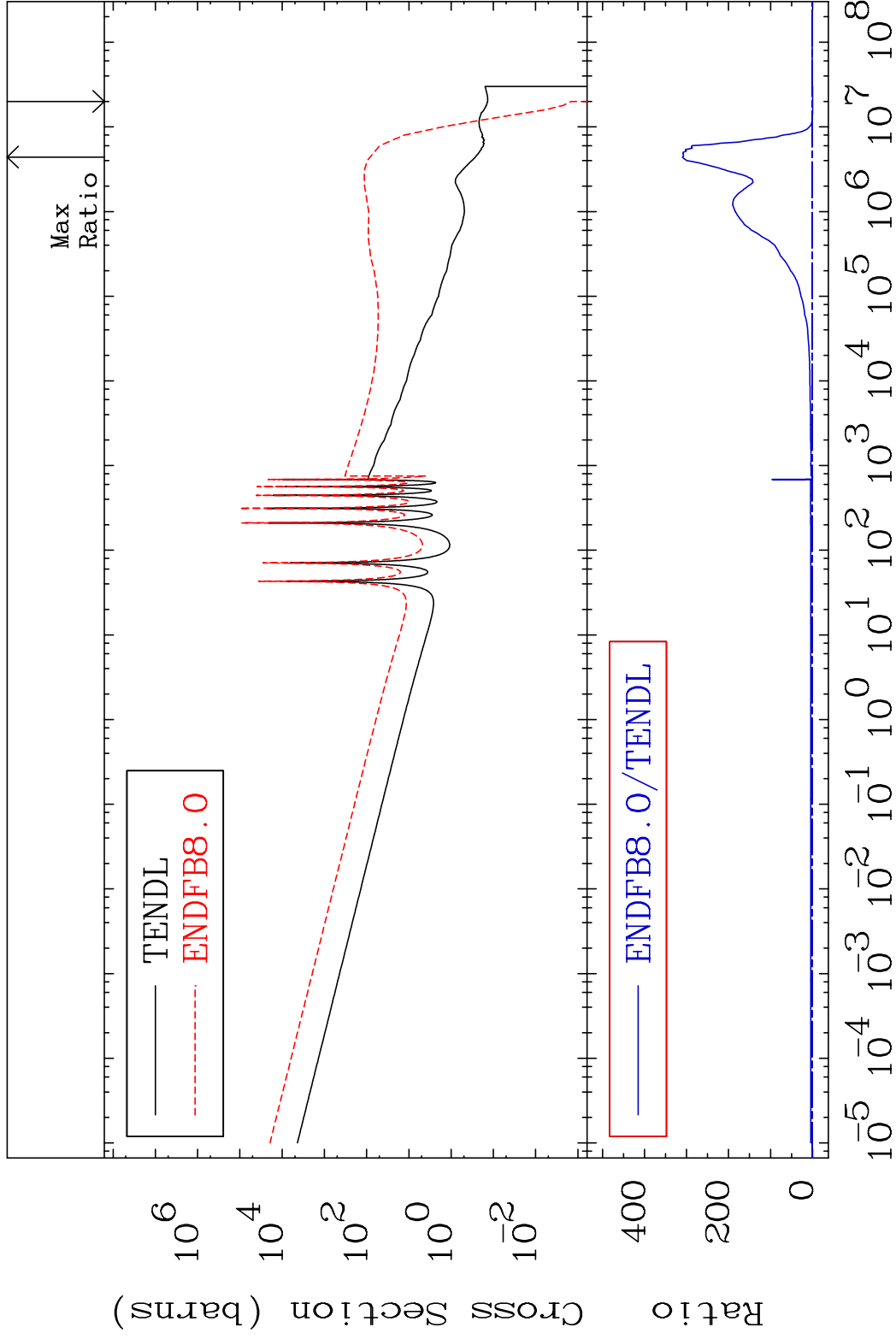


MAT 8040

Kerma capture (mt102)

80-Hg-201

Cross Section -100.0 To 9999. %

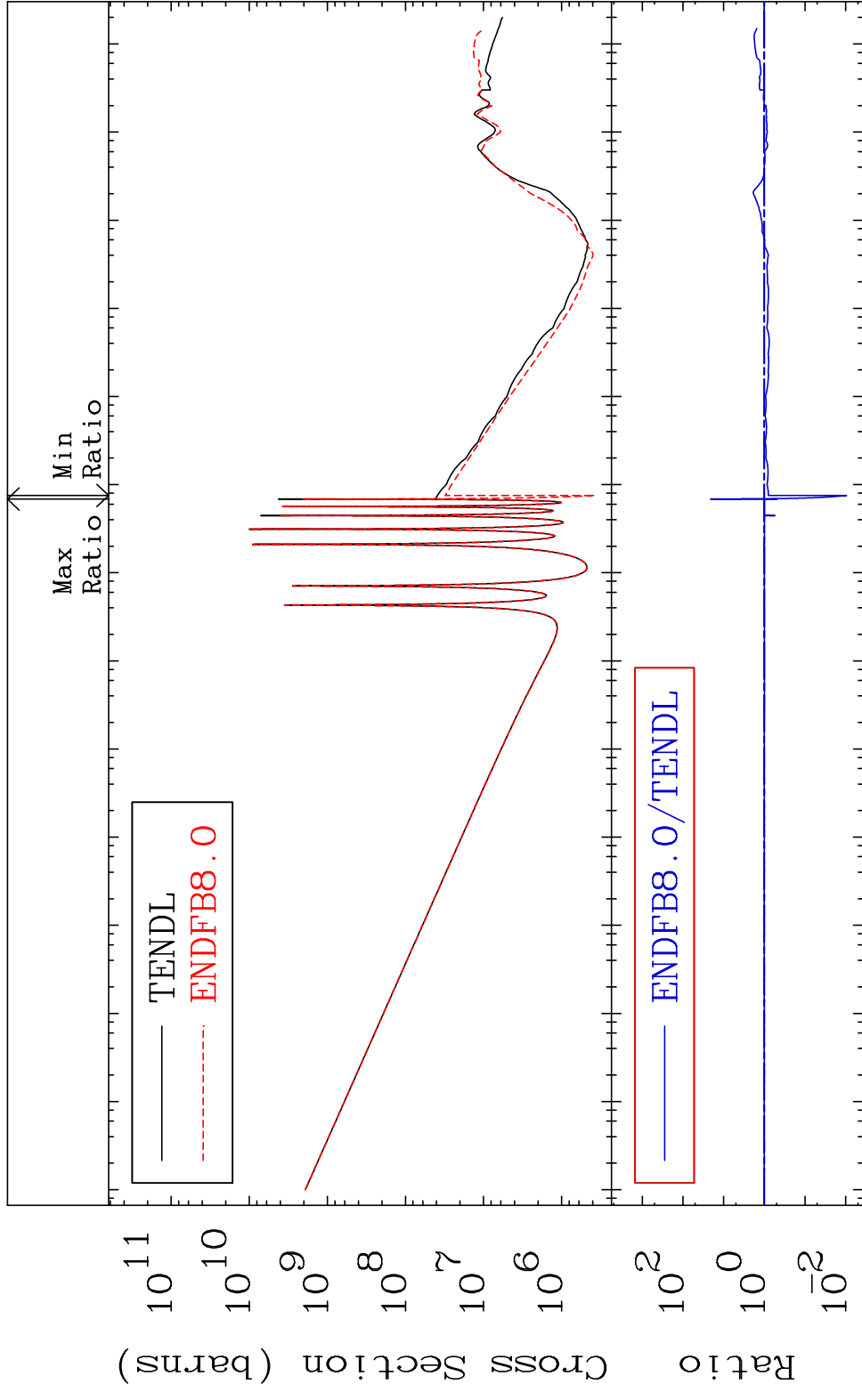


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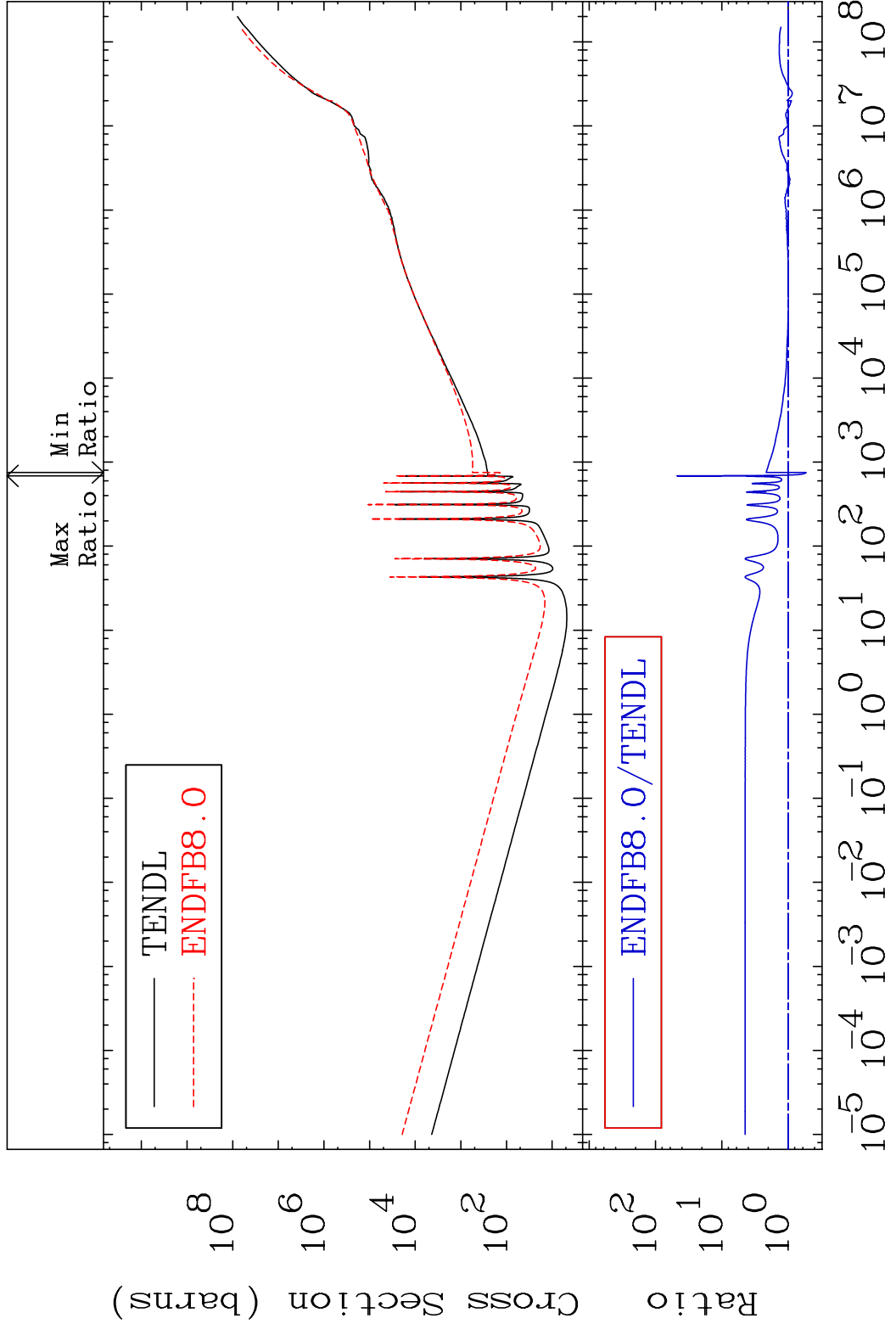
Incident Energy (eV)

80-Hg-201

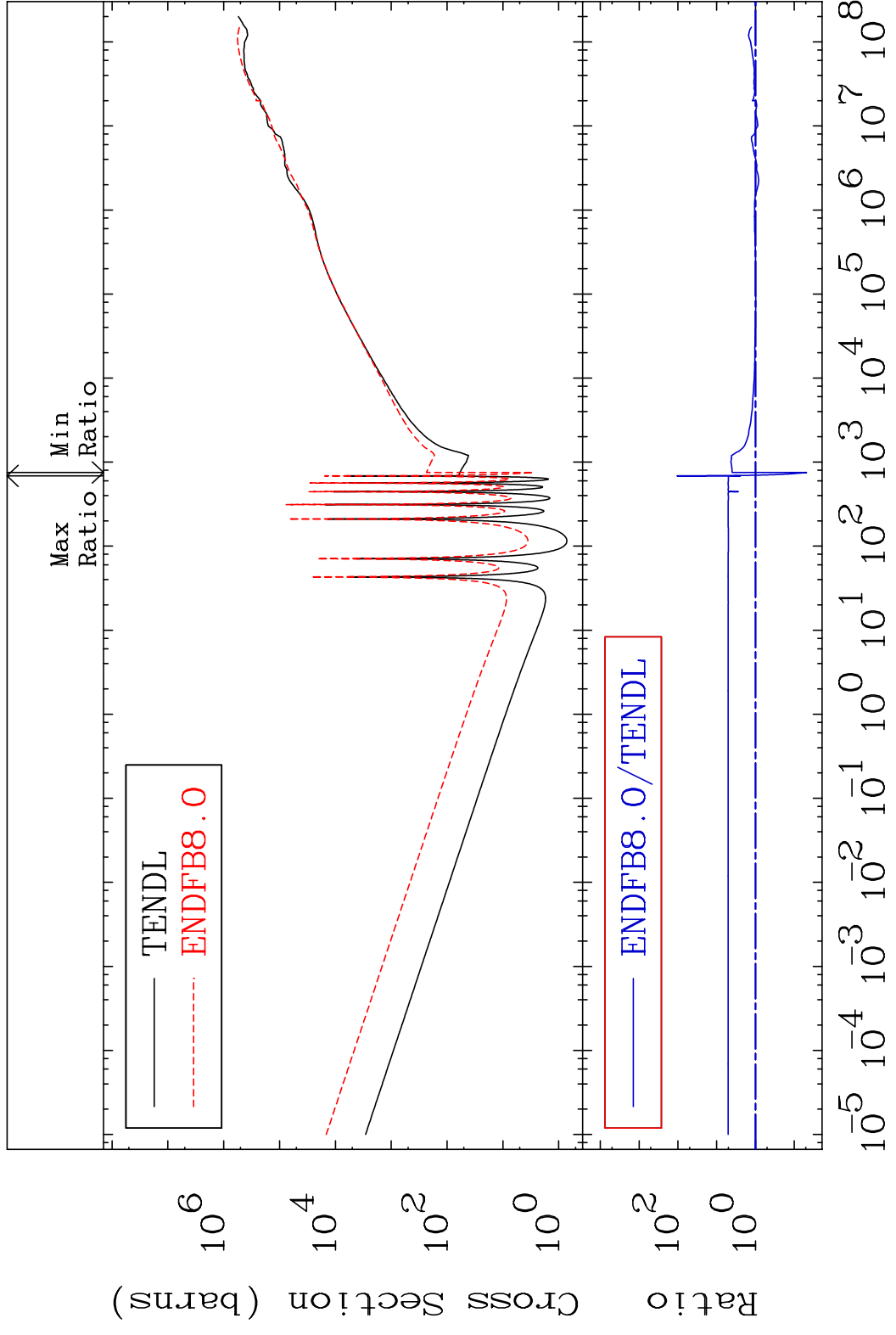
MAT 8040 Total photon (eV-barns) 80-Hg-201
 Cross Section -99.04 To 1977. %



MAT 8040 Total kinematic kerma (high limit) 80-Hg-201
 Cross Section -46.94 To 4618. %



MAT 8040 Dpa total (eV-barns) 80-Hg-201
 Cross Section -95.16 To 9999. %



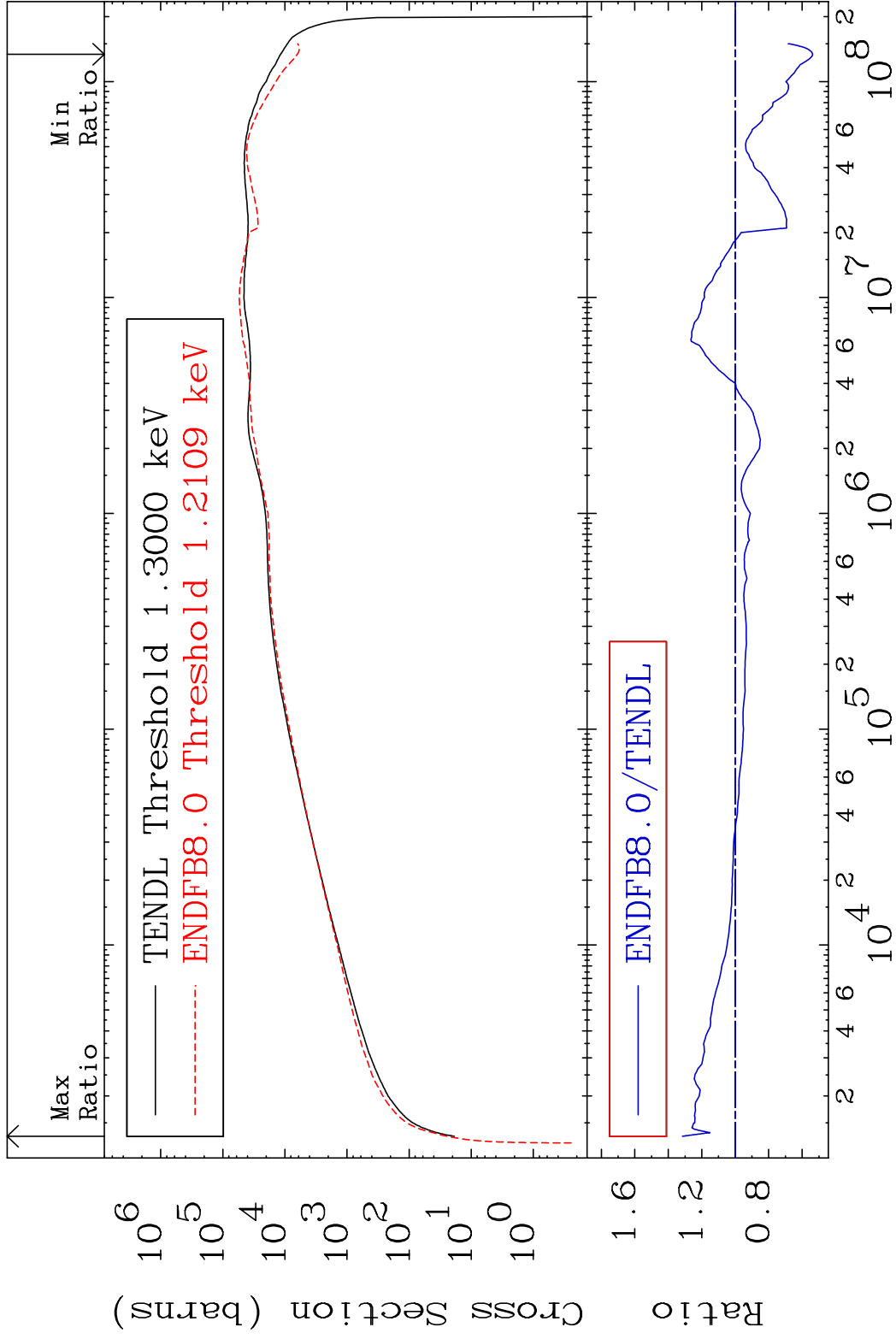
39 Incident Energy (eV) 80-Hg-201

MAT 8040

Dpa elastic (mt2)

80-Hg-201

Cross Section -46.22 To 31.59 %

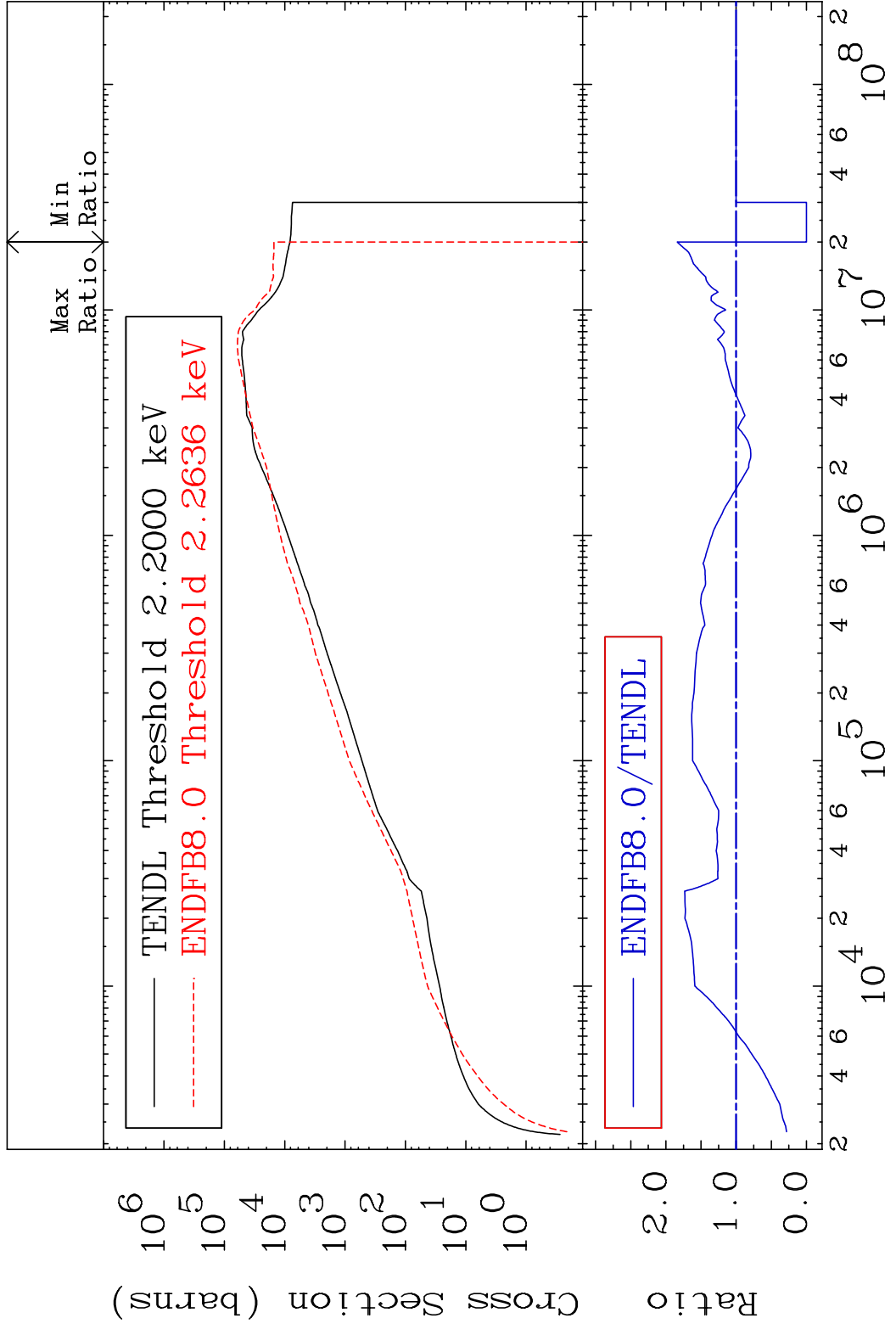


40

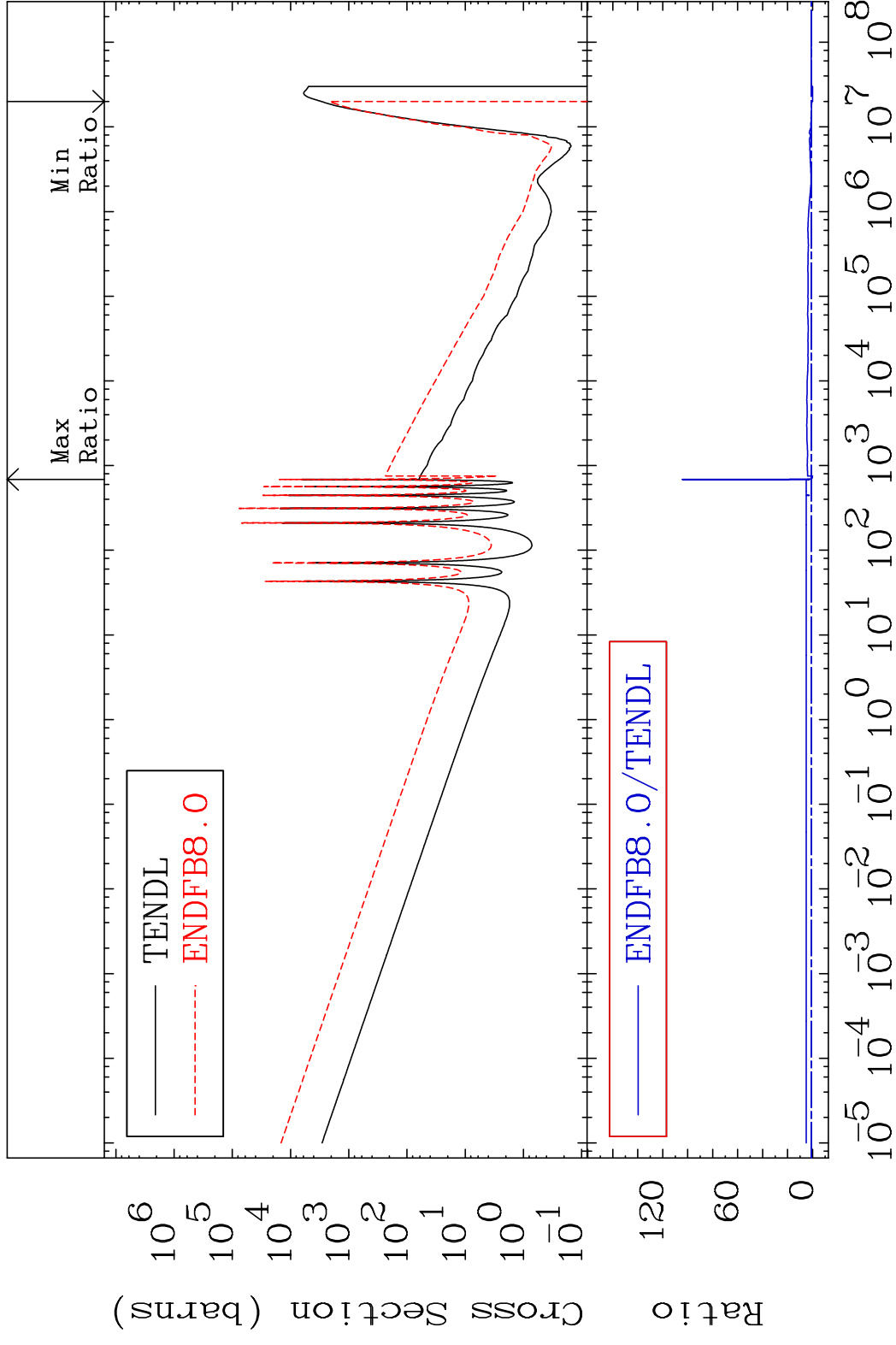
Incident Energy (eV)

80-Hg-201

MAT 8040 Dpa inelastic (mt51-91) 80-Hg-201
 Cross Section -100.0 To 83.91 %



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



42 Incident Energy (eV) 80-Hg-201