

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

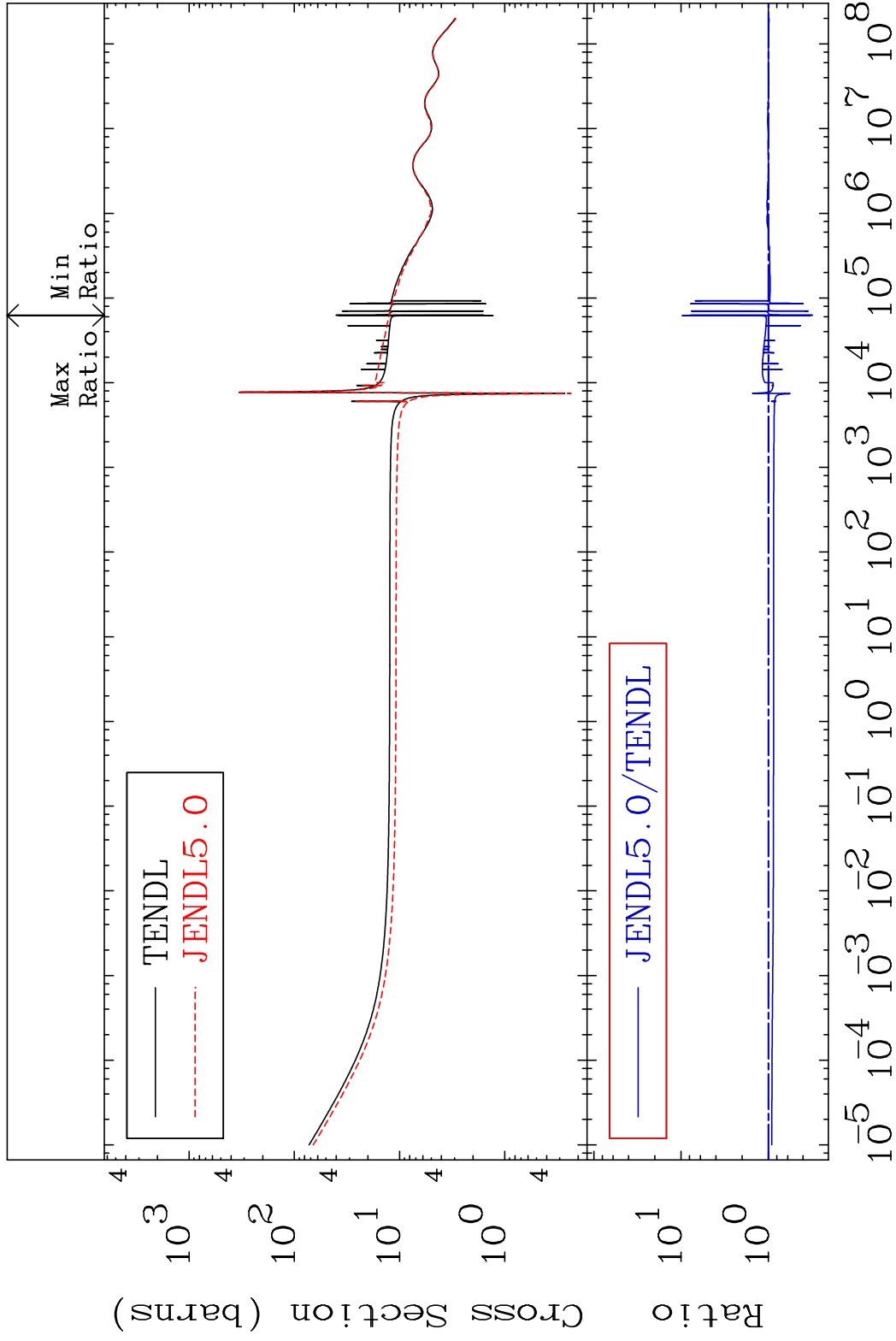
MAT 8049

Total

80-Hg-204

Cross Section

-68.84 To 866.9 %



1

Incident Energy (eV)

80-Hg-204

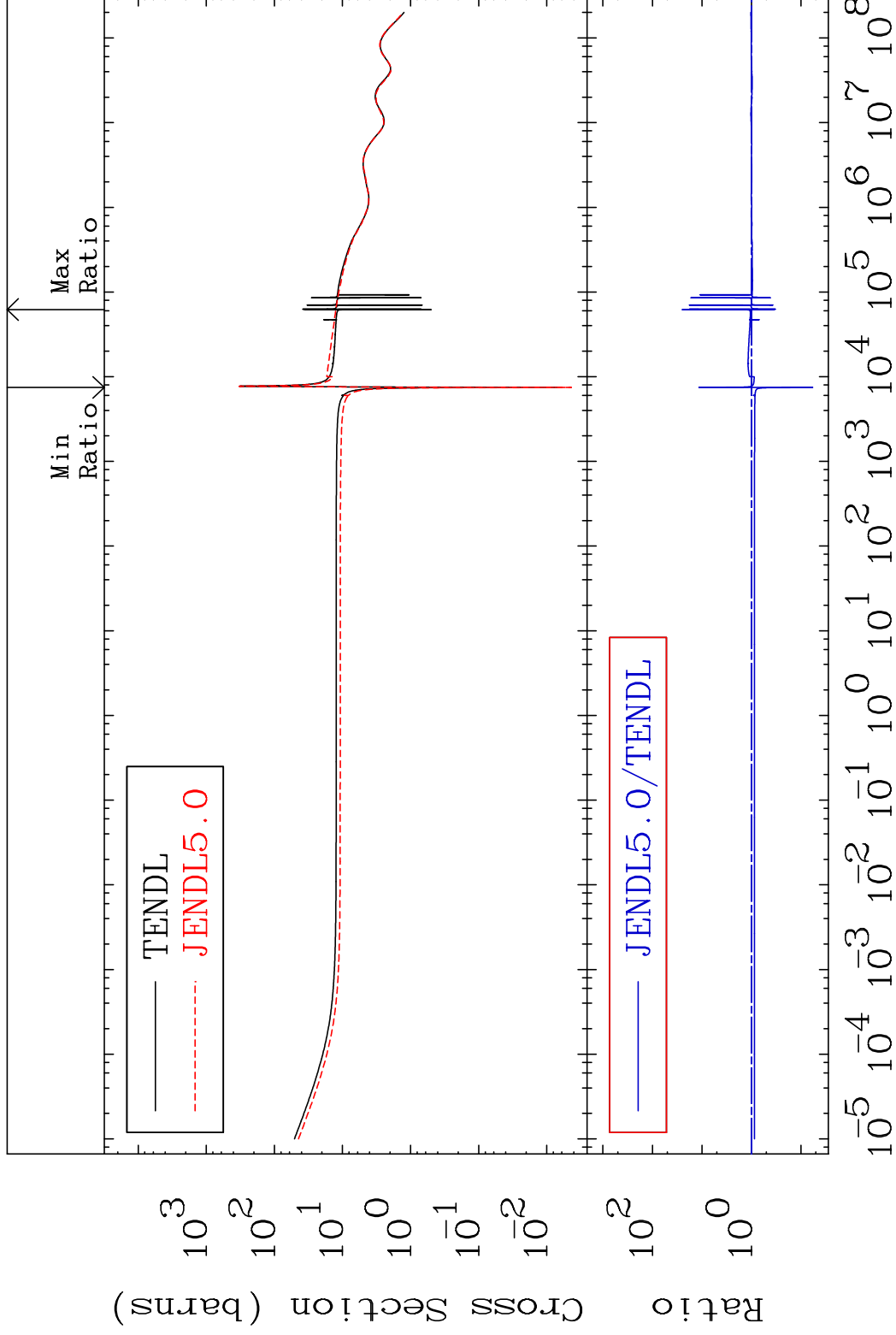
MAT 8049

Elastic

80-Hg-204

Cross Section

-94.17 To 2385. %

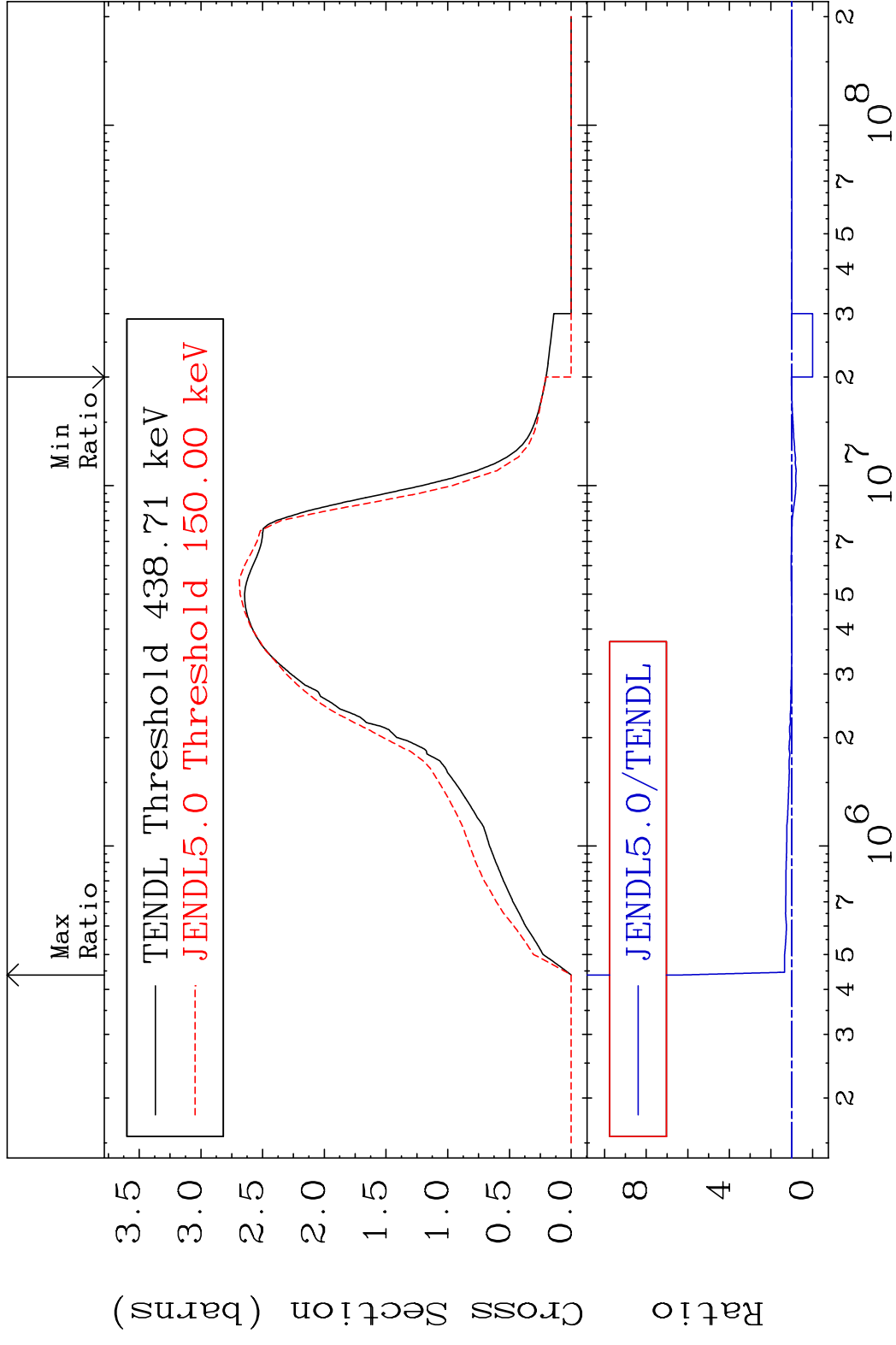


2

Incident Energy (eV)

80-Hg-204

MAT 8049 Inelastic Cross Section -100.0 To 526.2 % 80-Hg-204

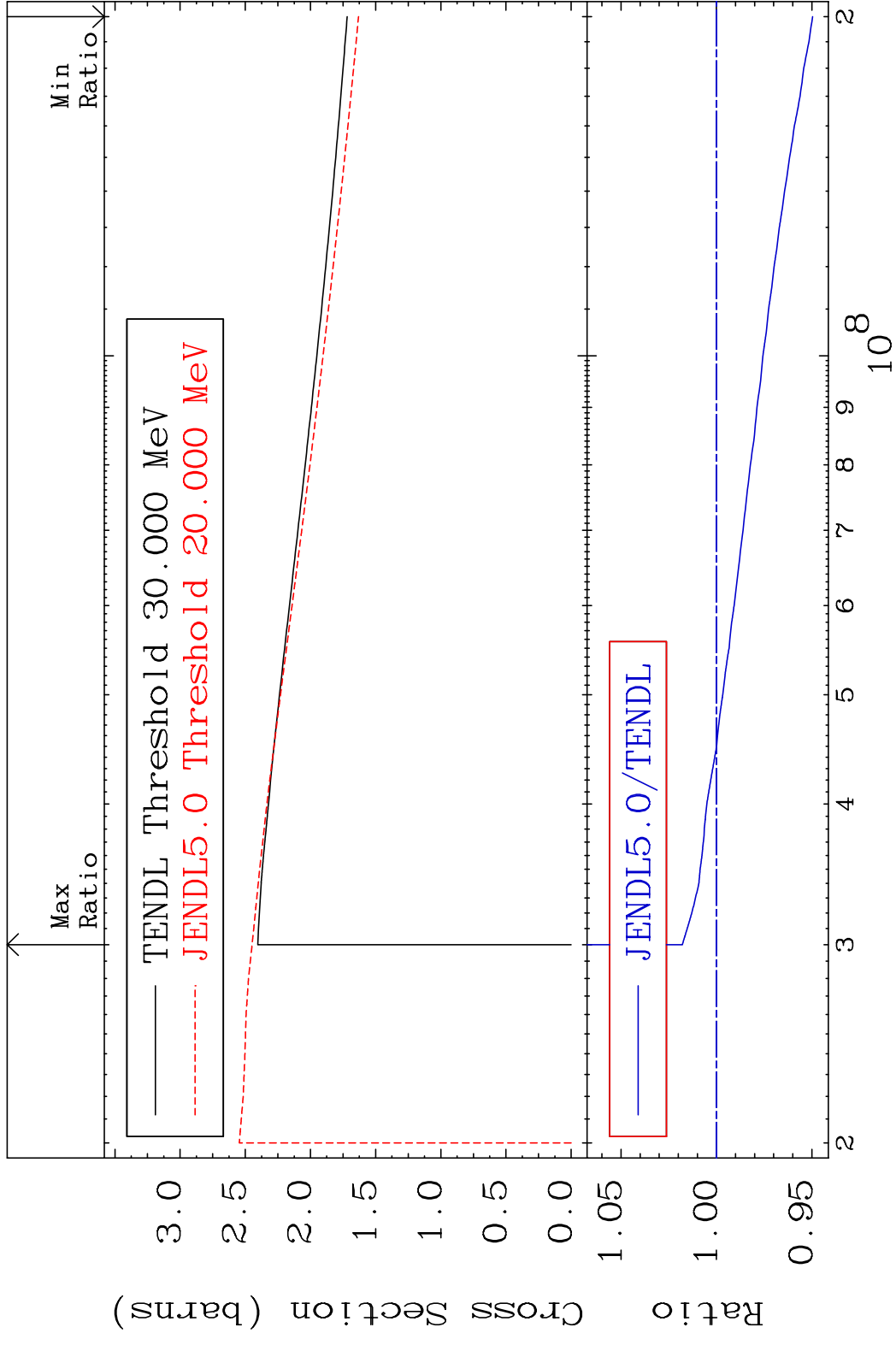


MAT 8049

(n, remainder)

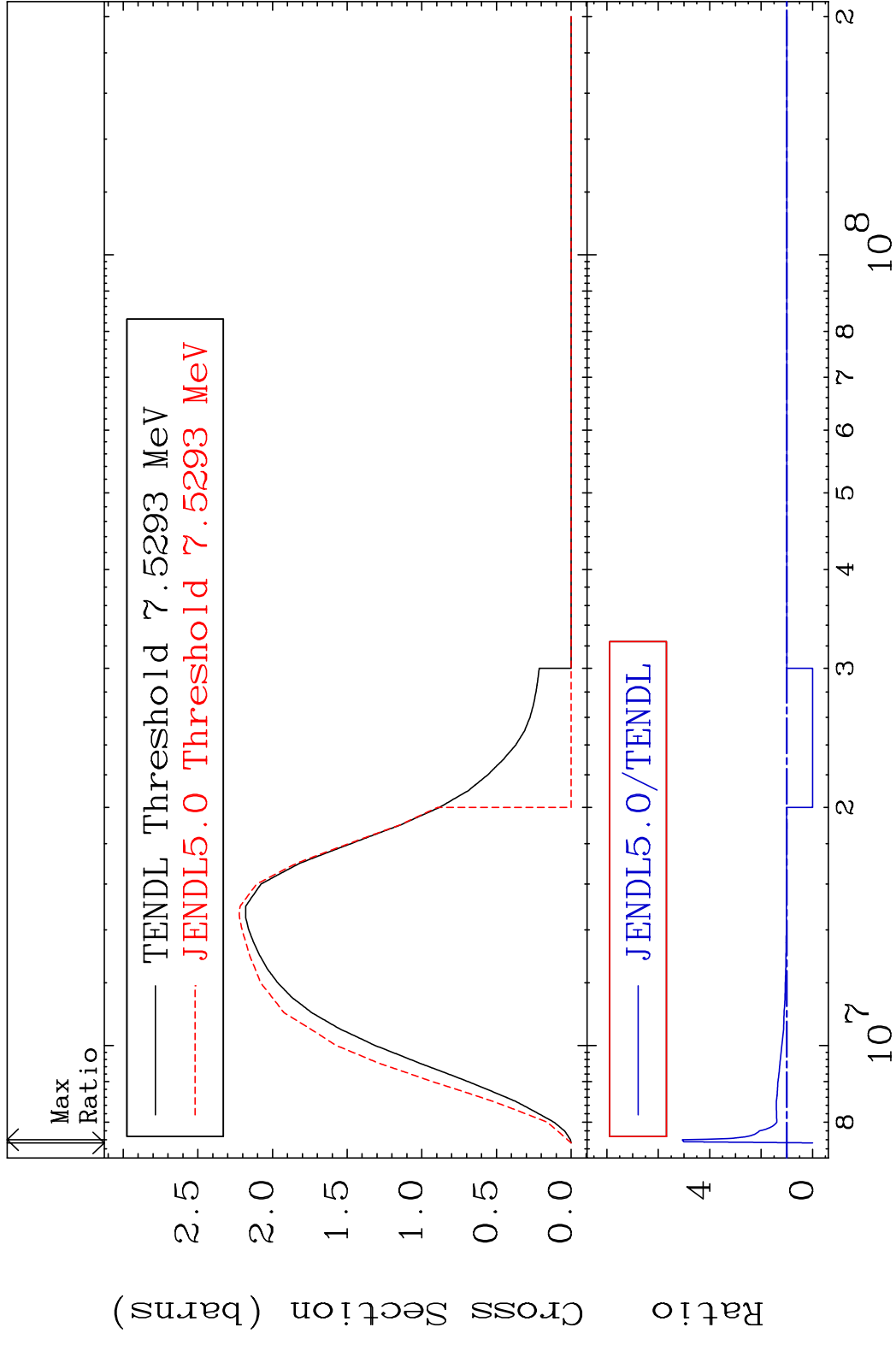
80-Hg-204

Cross Section -5.035 To 1.786 %



4 Incident Energy (eV) 80-Hg-204

MAT 8049 (n,2n) 80-Hg-204
 Cross Section -100.0 To 406.4 %



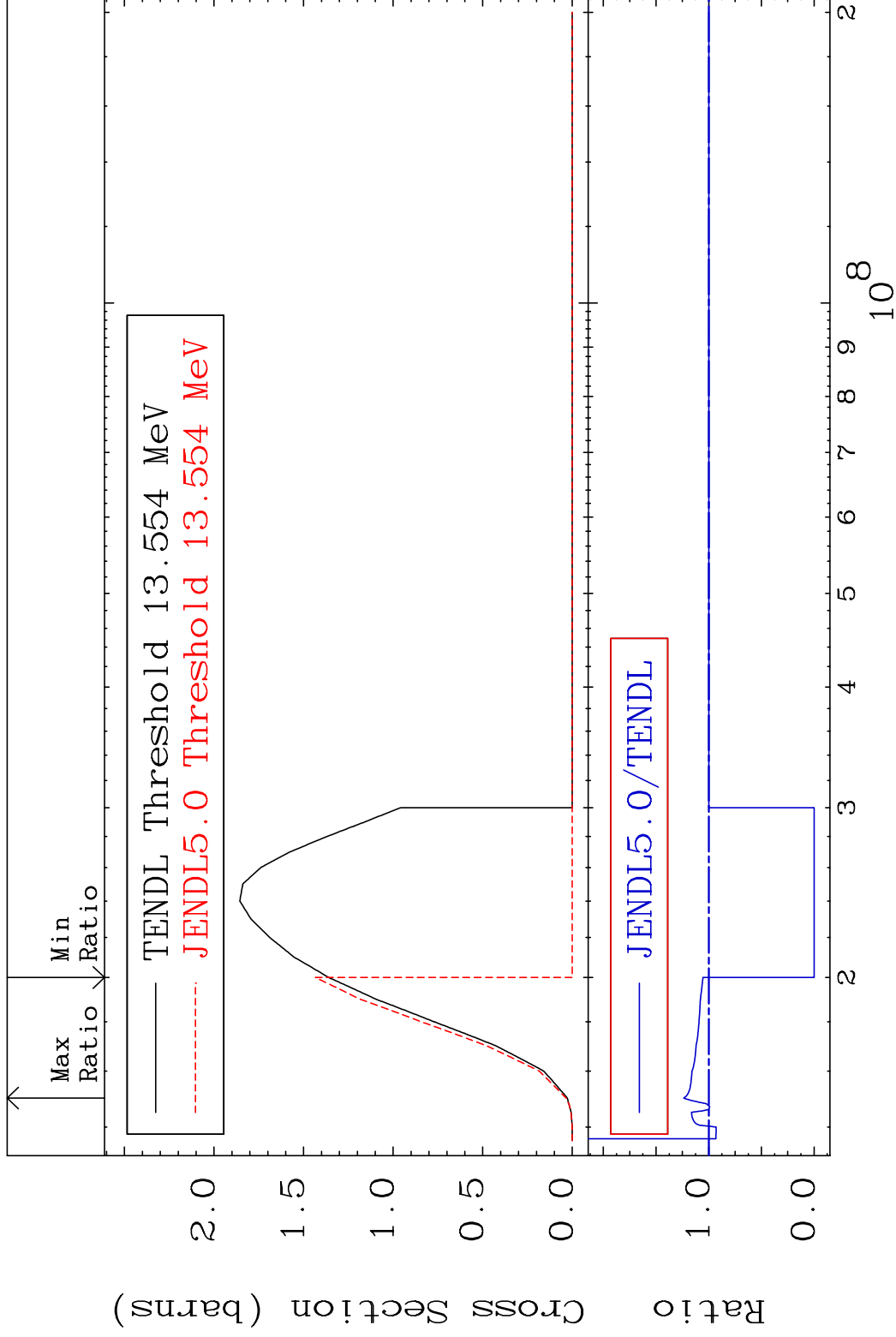
5 Incident Energy (eV) 80-Hg-204

MAT 8049

(n,3n)

80-Hg-204

Cross Section -100.0 To 23.79 %

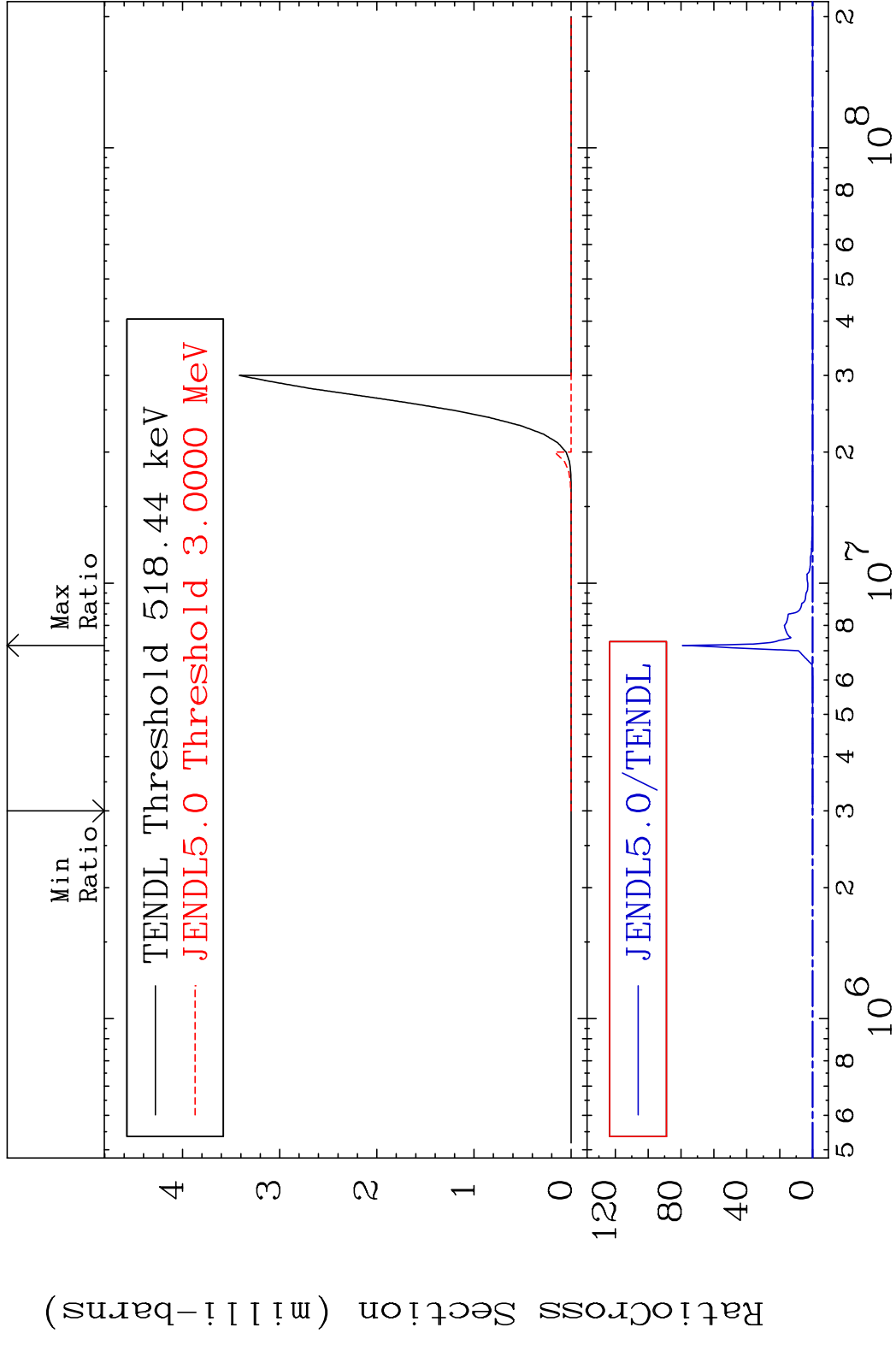


6

Incident Energy (eV)

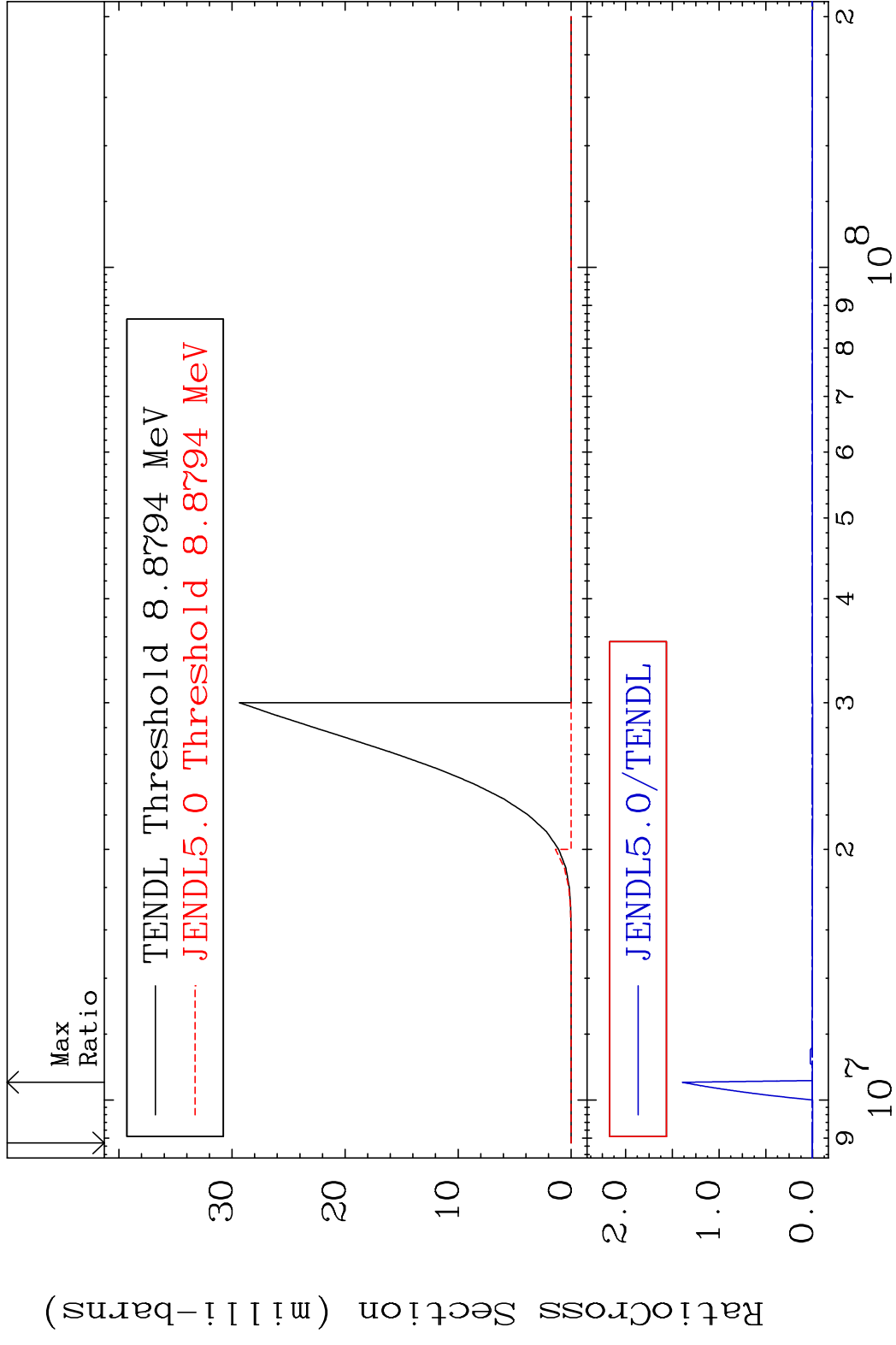
80-Hg-204

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



7 Incident Energy (eV) 80-Hg-204

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



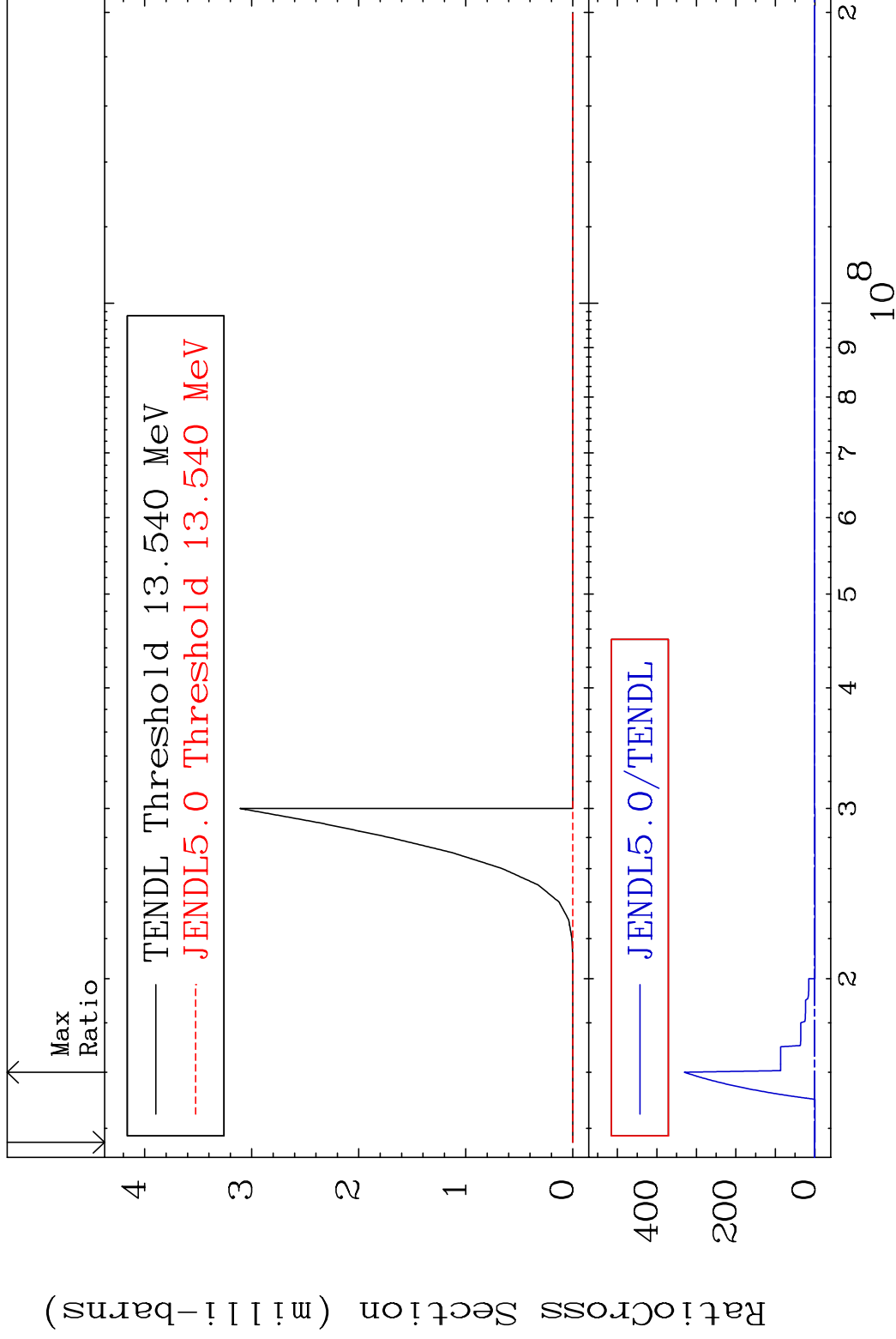
8 9 10⁷ 10⁸ 2 80-Hg-204

MAT 8049

(n, n') d

80-Hg-204

Cross Section -100.0 To 9999. %

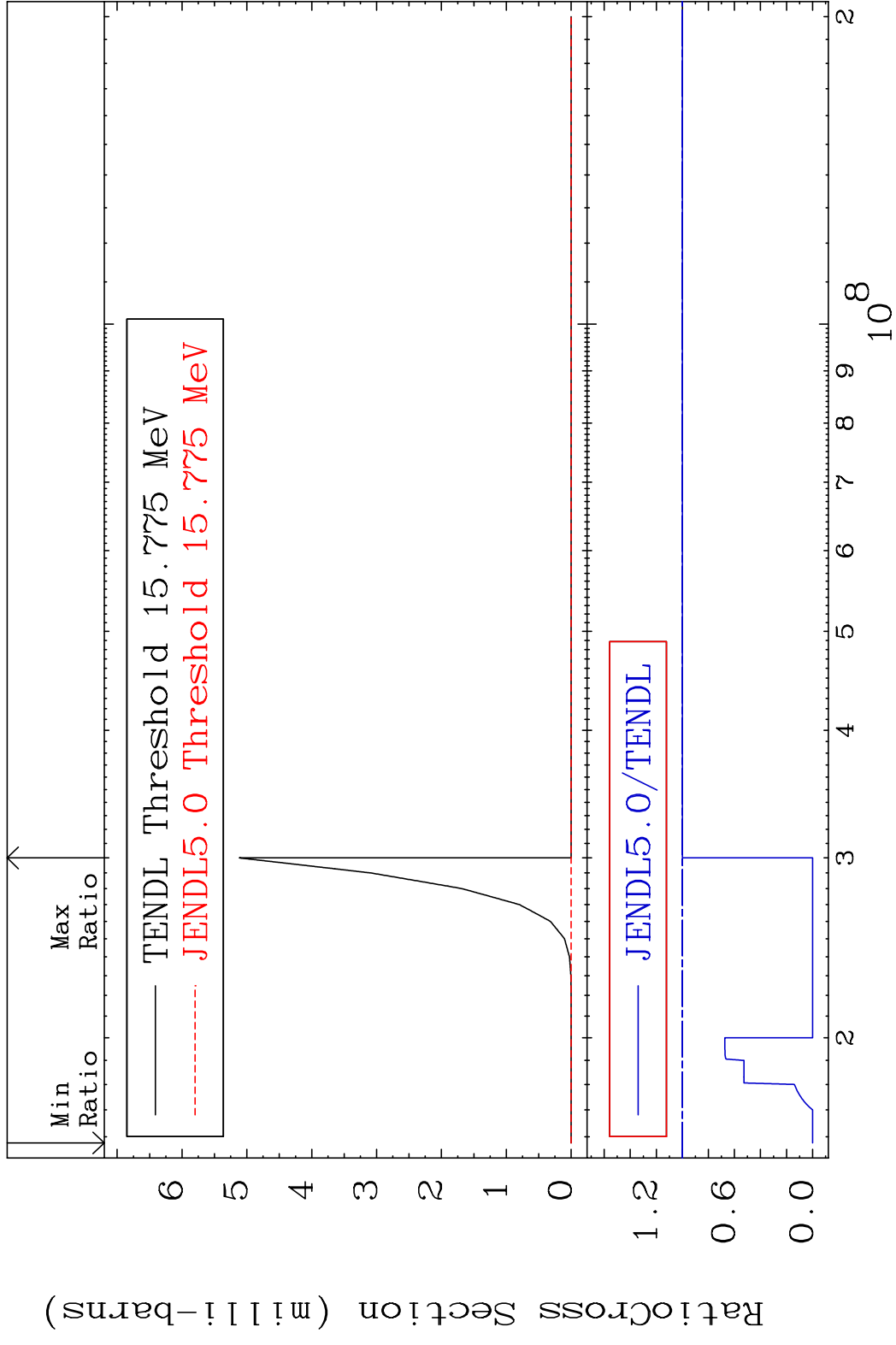


9

Incident Energy (eV)

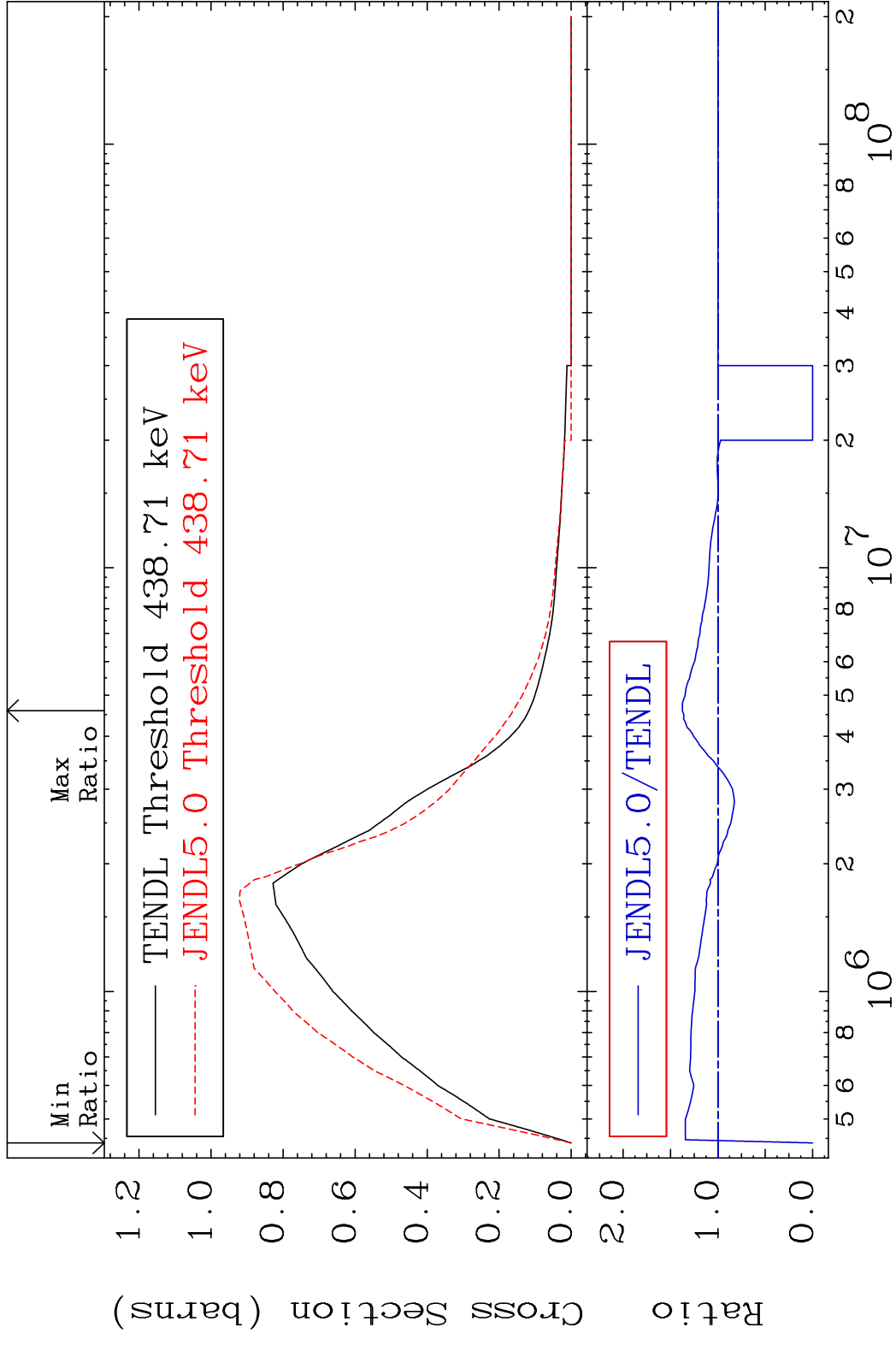
80-Hg-204

MAT 8049 (n,2n) p 80-Hg-204
 Cross Section -100.0 To 0.000 %

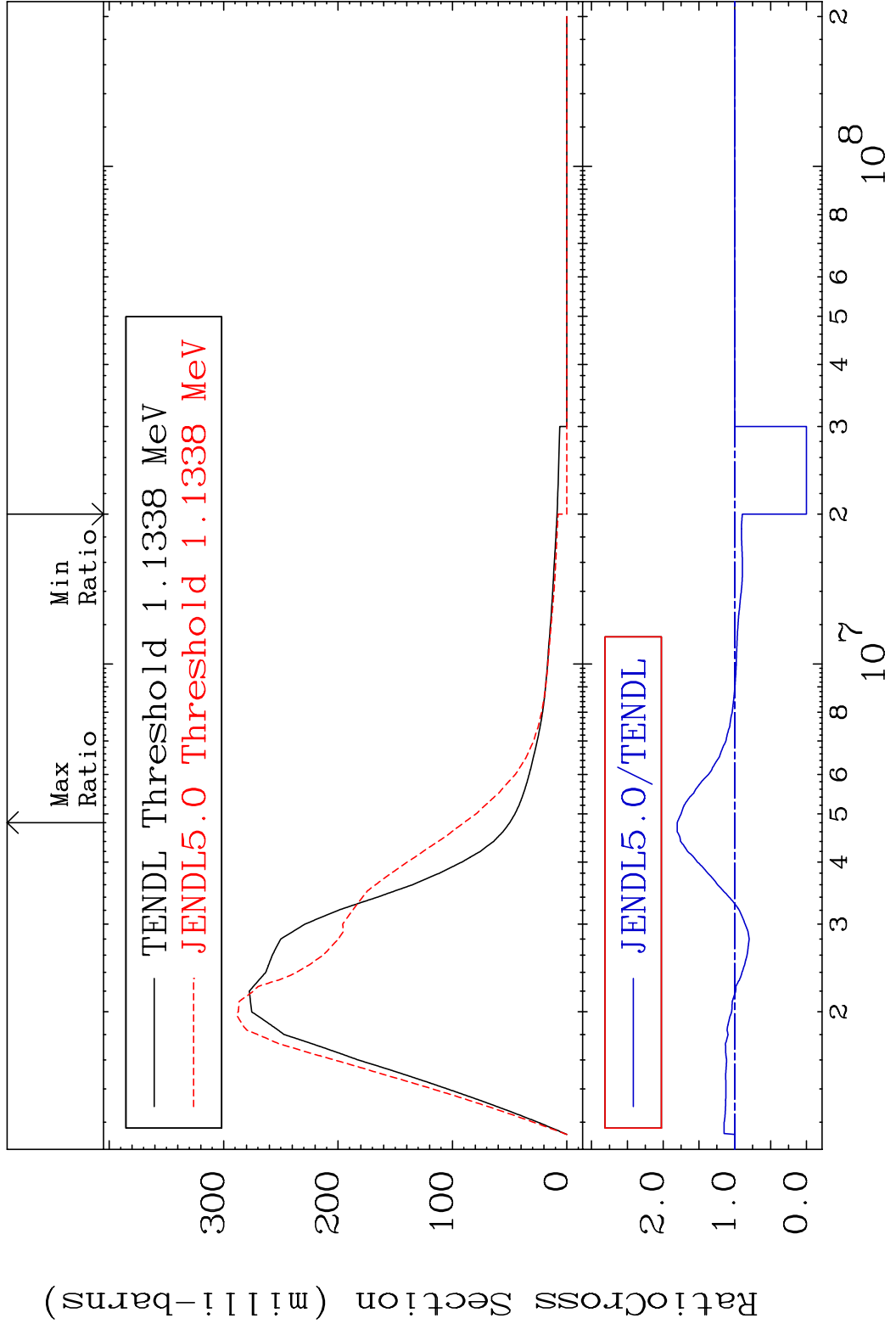


10 80-Hg-204

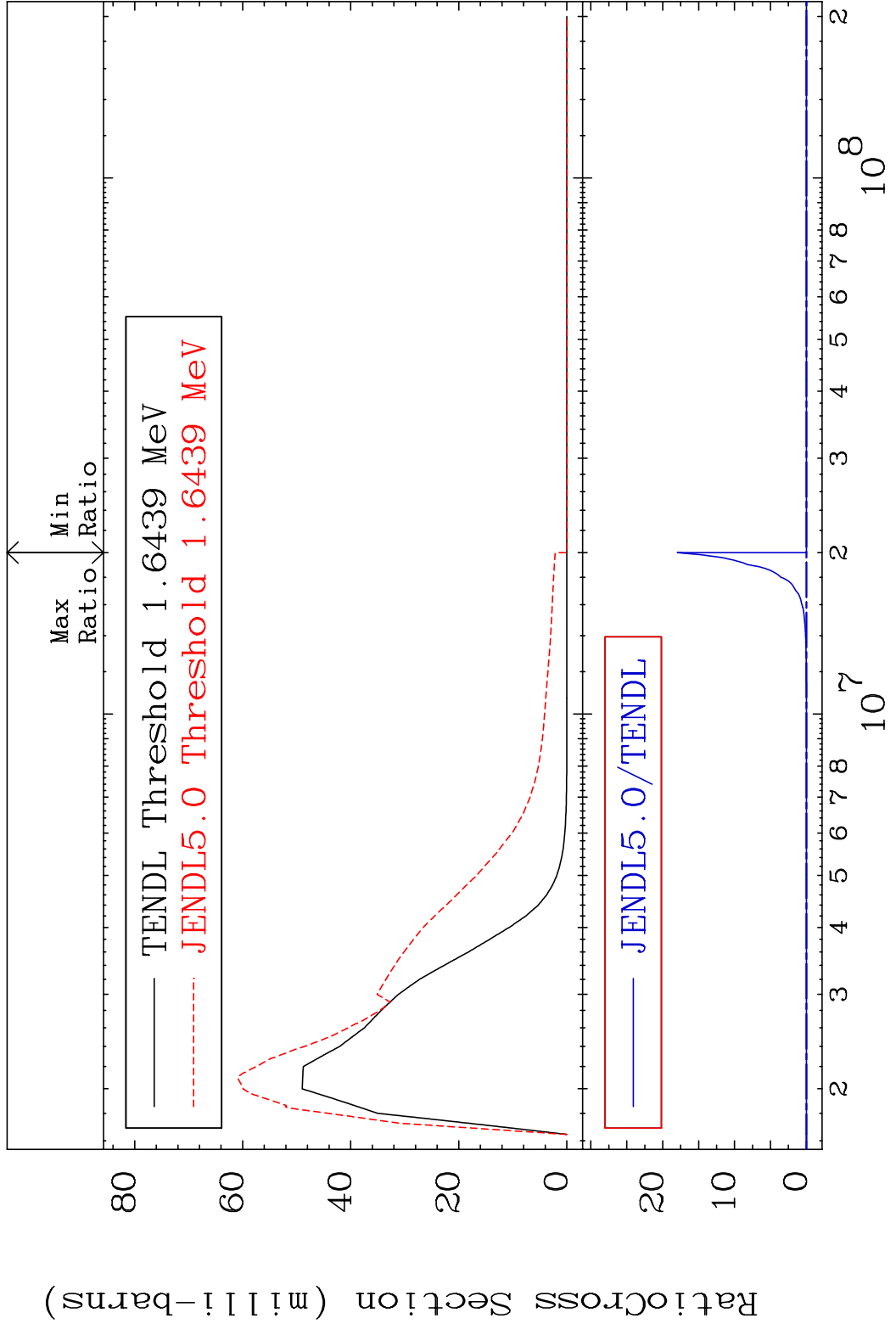
MAT 8049 MT= 51 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 37.50 %



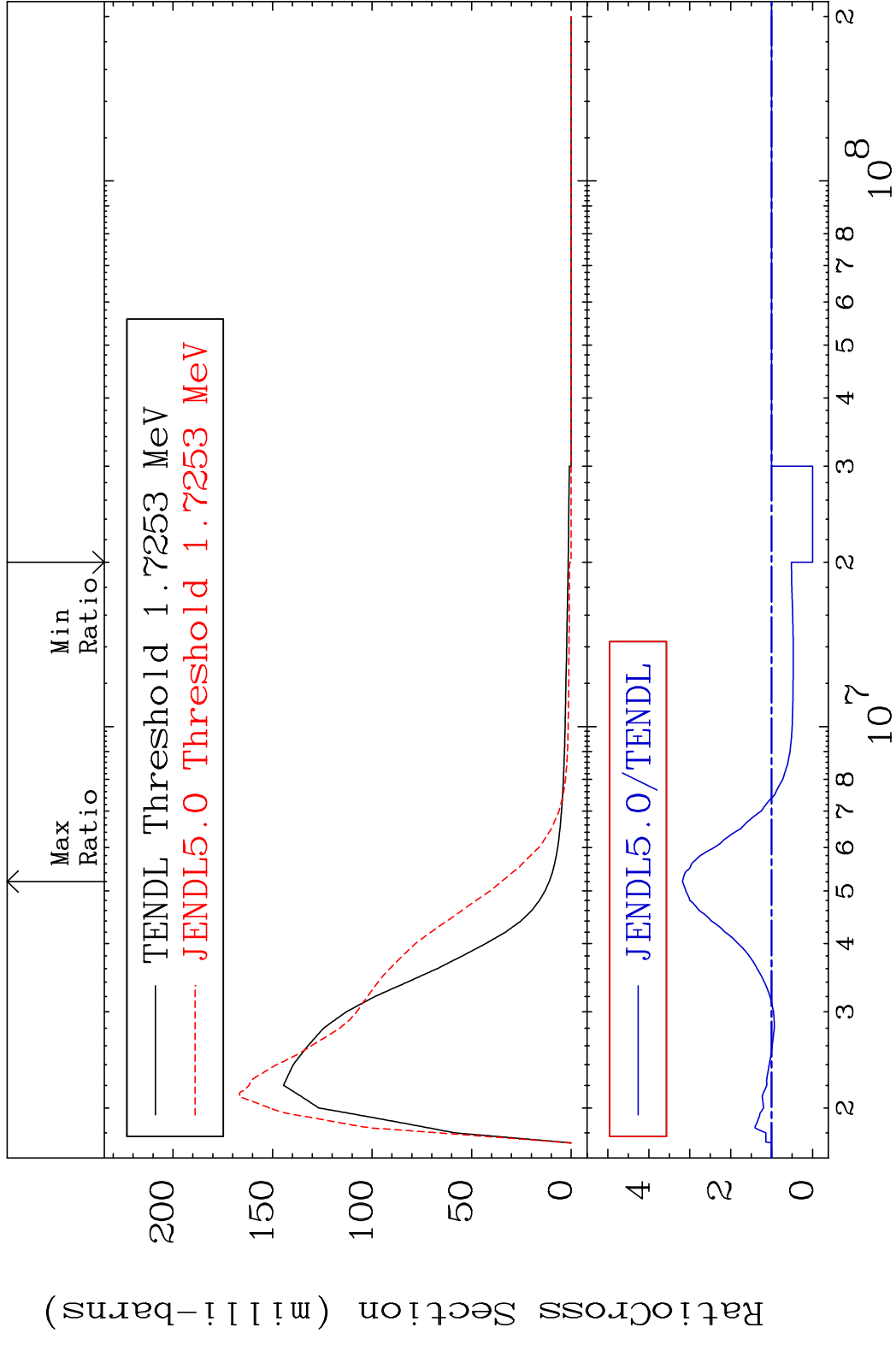
MAT 8049 MT= 52 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 80.42 %



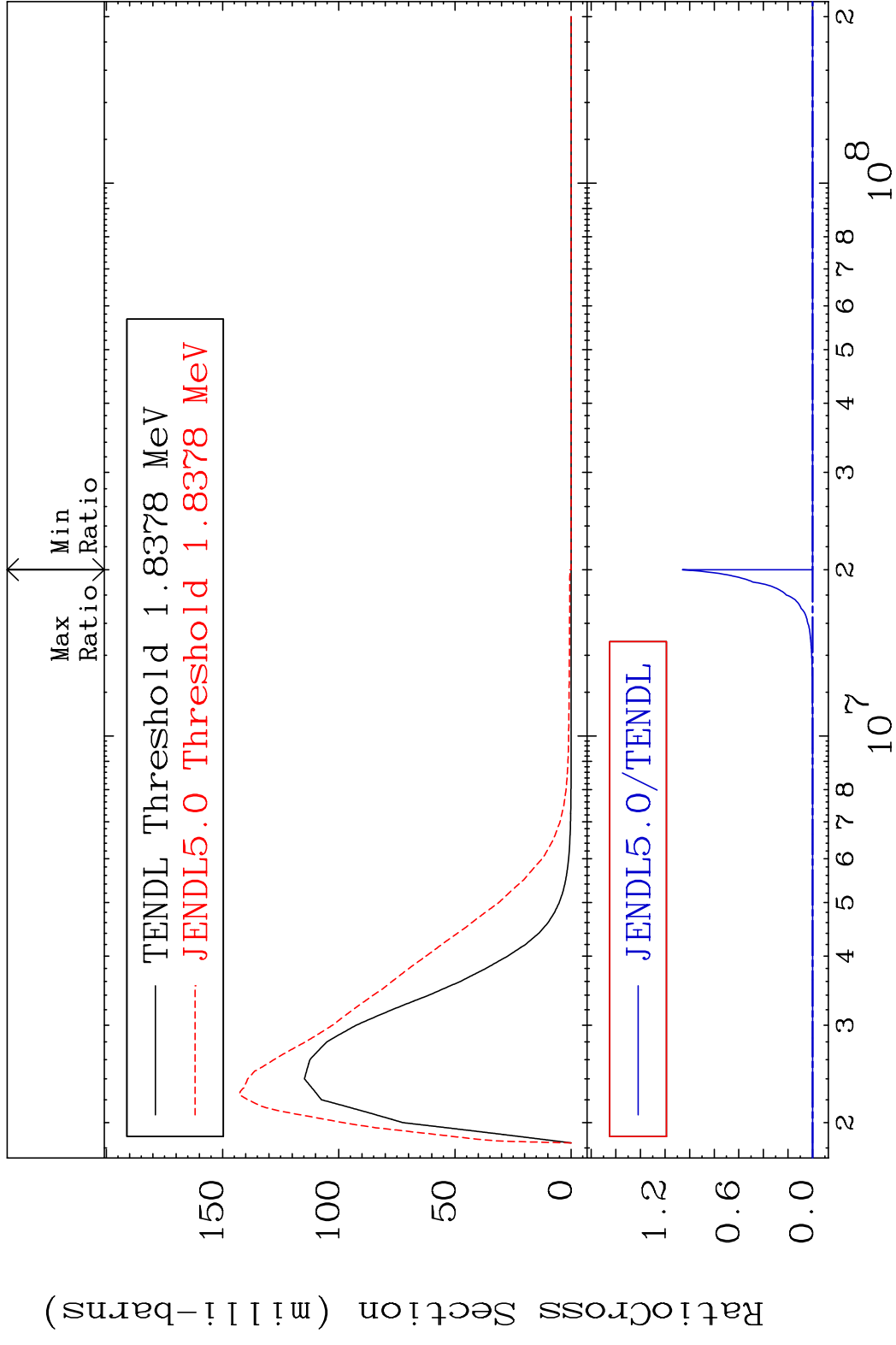
MAT 8049 MT= 53 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 9999. %



MAT 8049 MT= 54 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 218.1 %

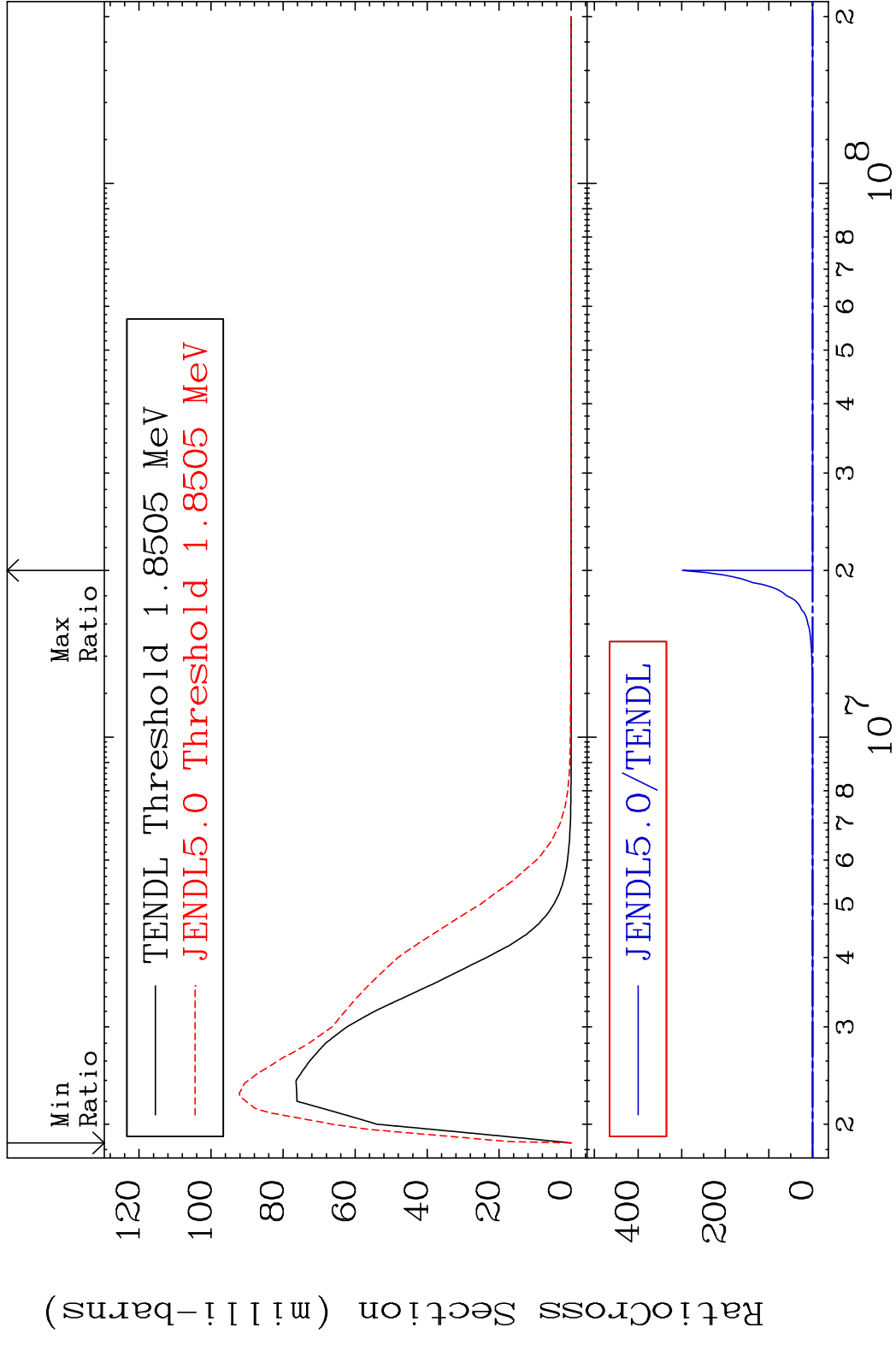


MAT 8049 MT= 55 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 9999. %



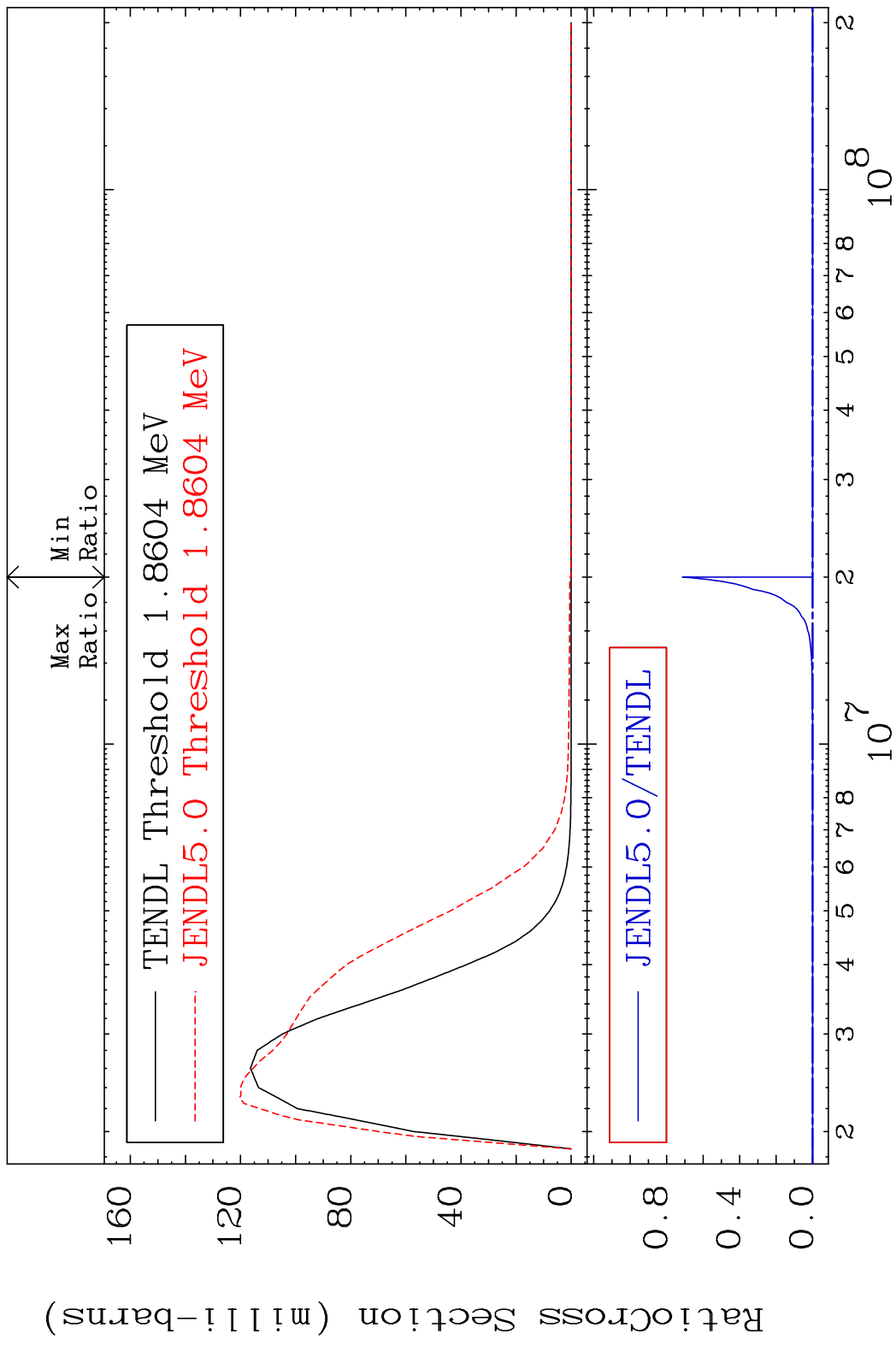
15 80-Hg-204

MAT 8049 MT= 56 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 9999. %



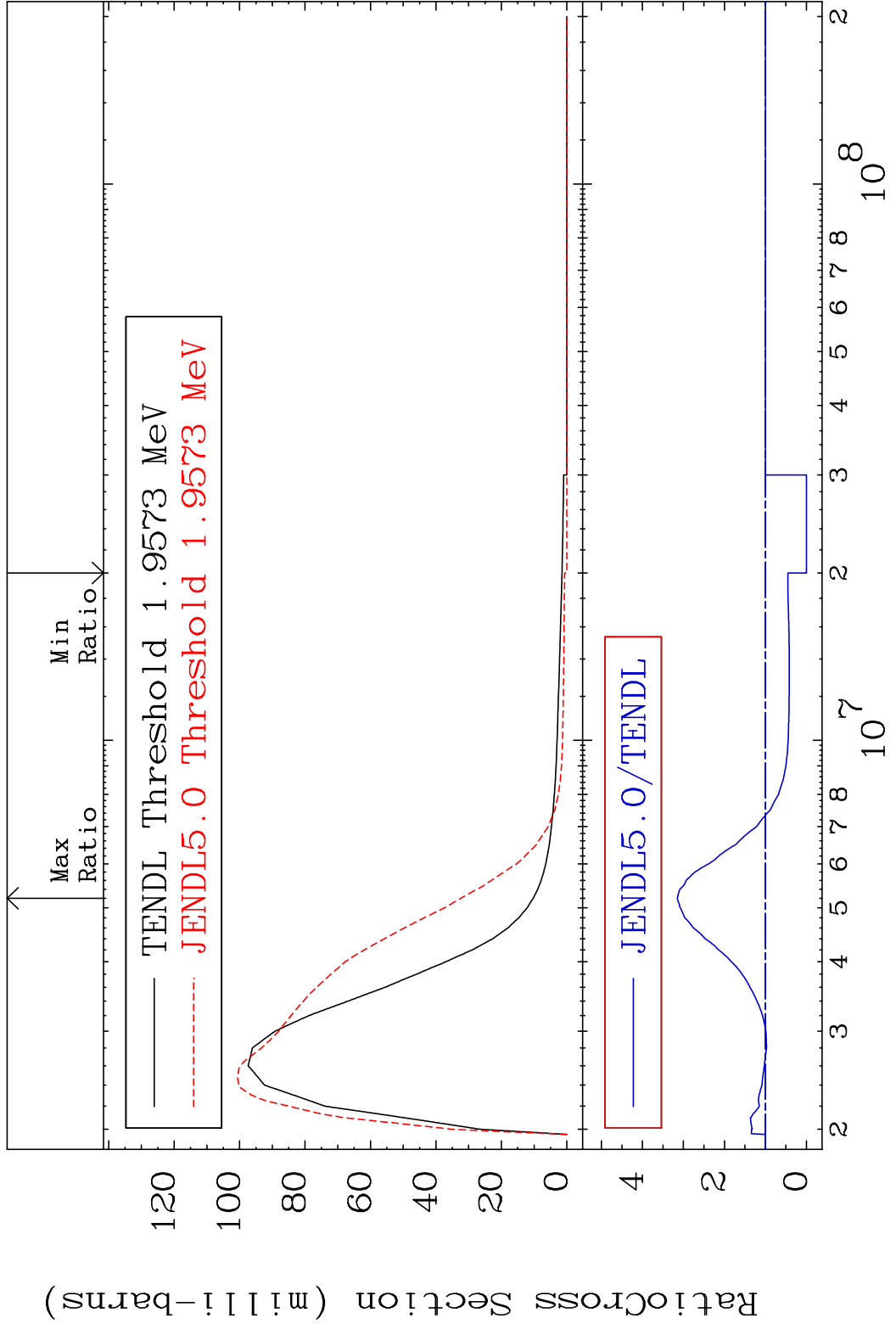
16 Incident Energy (eV) 80-Hg-204

MAT 8049 MT= 57 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 9999. %



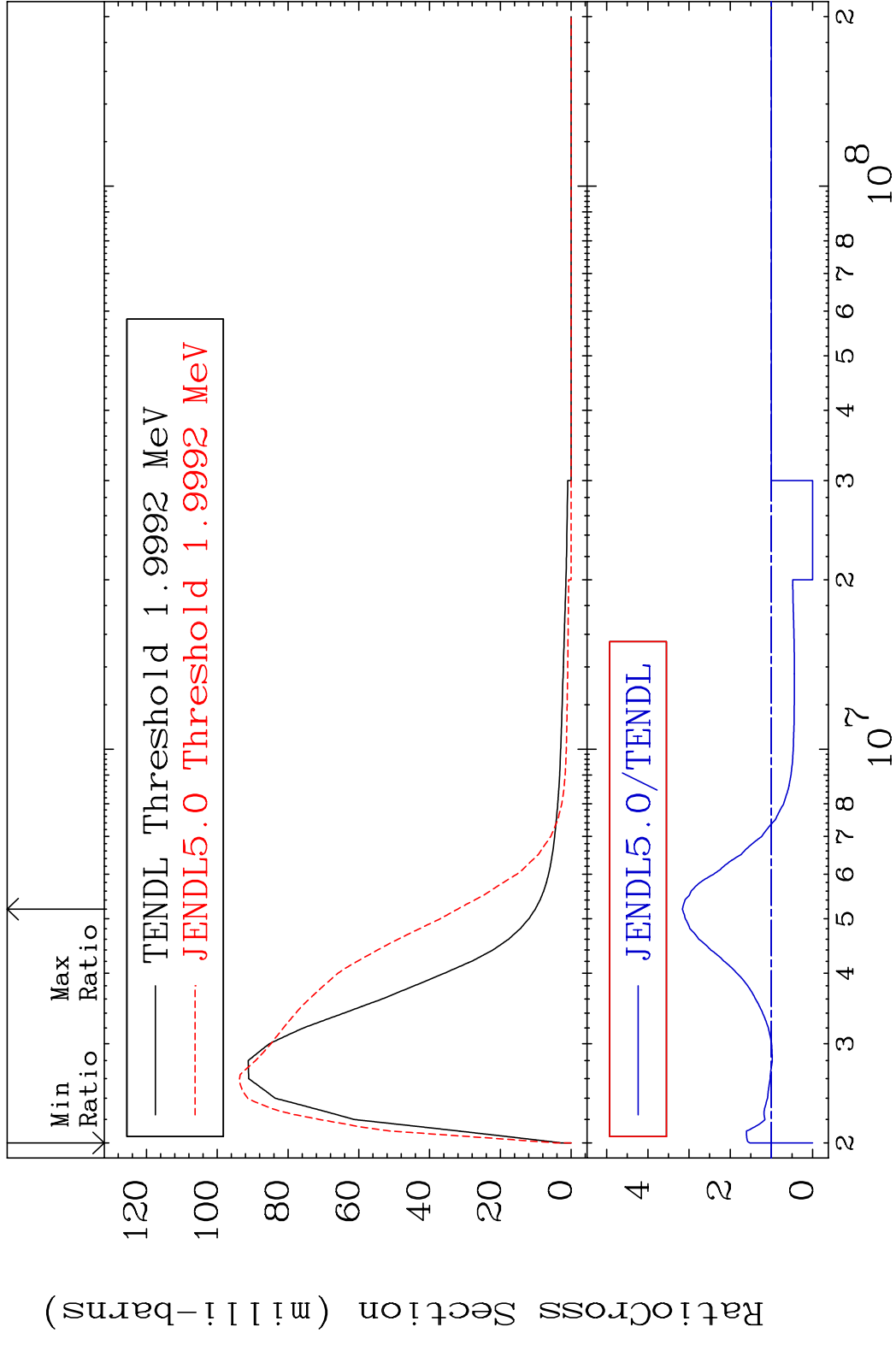
17 80-Hg-204

MAT 8049 MT= 58 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 215.2 %

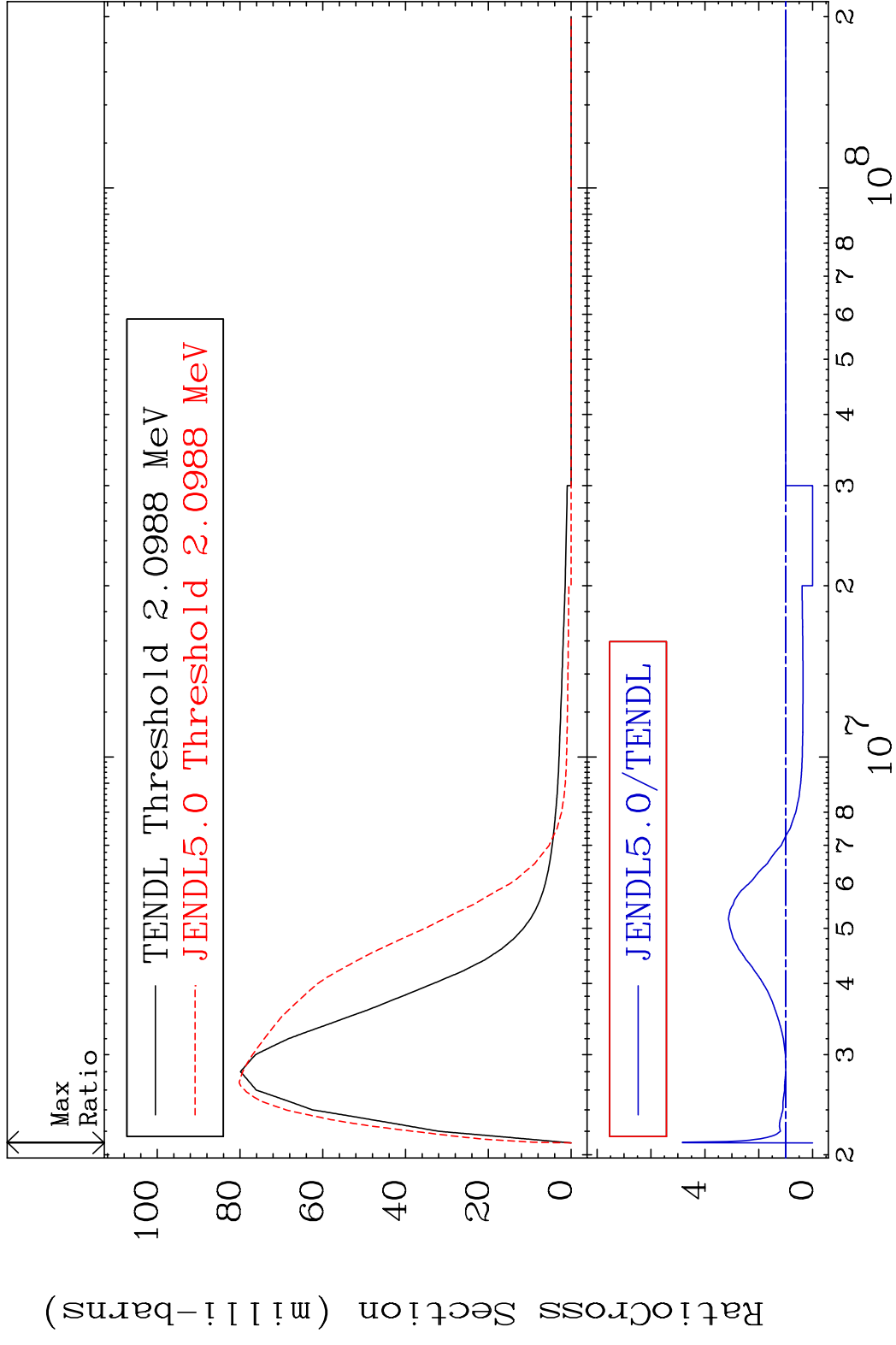


18 80-Hg-204

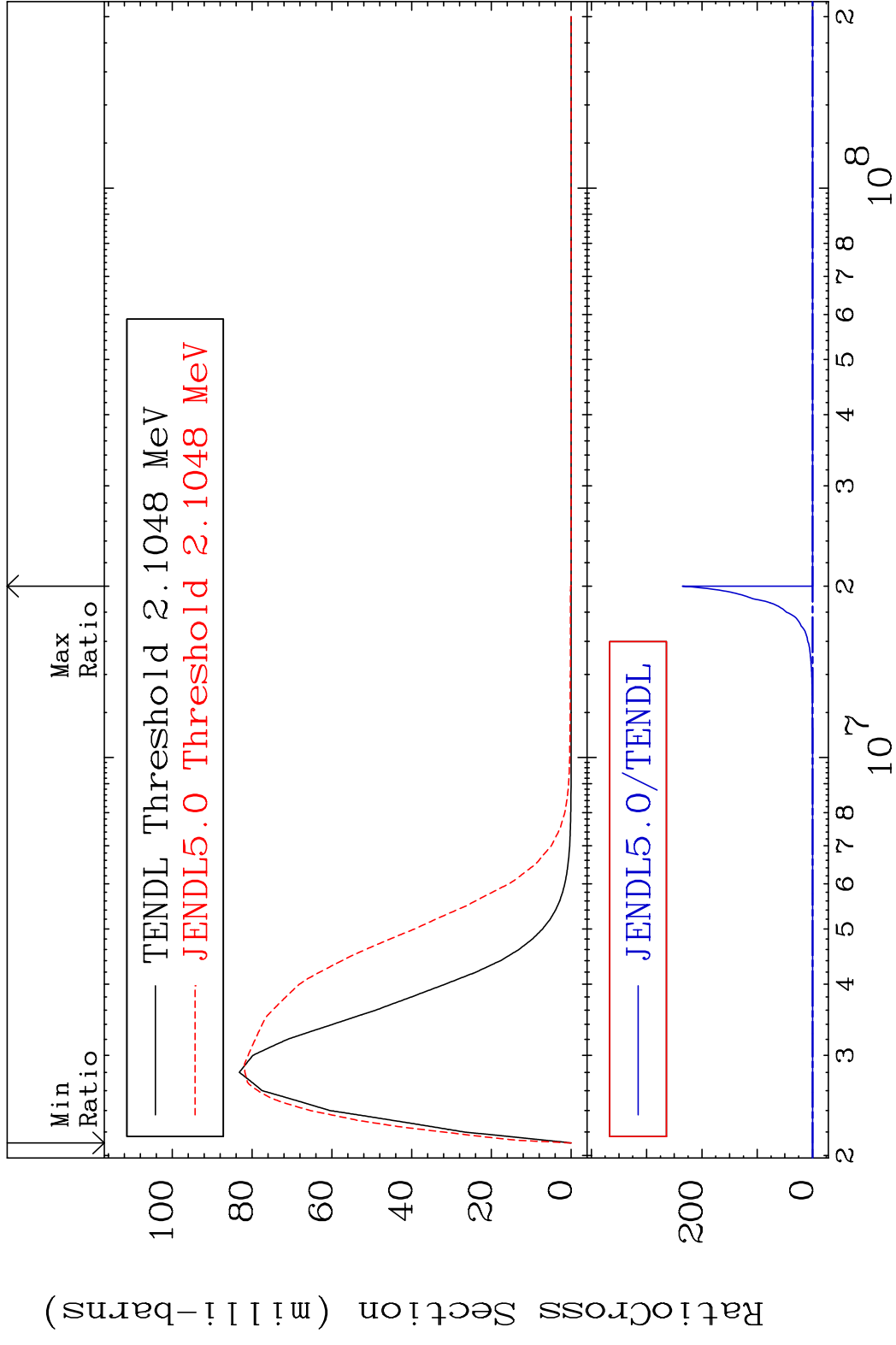
MAT 8049 MT= 59 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 216.3 %



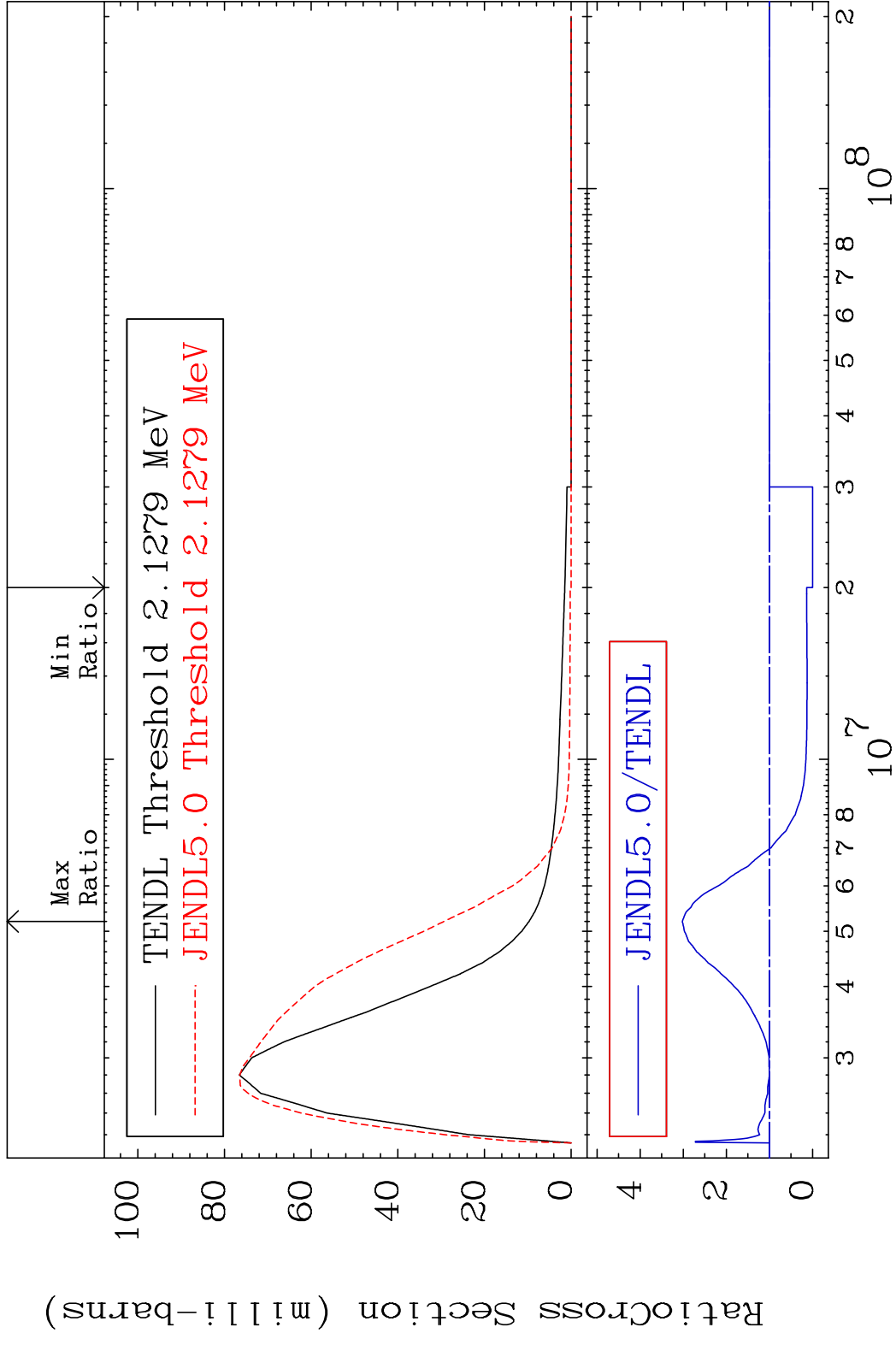
MAT 8049 MT= 60 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 383.6 %



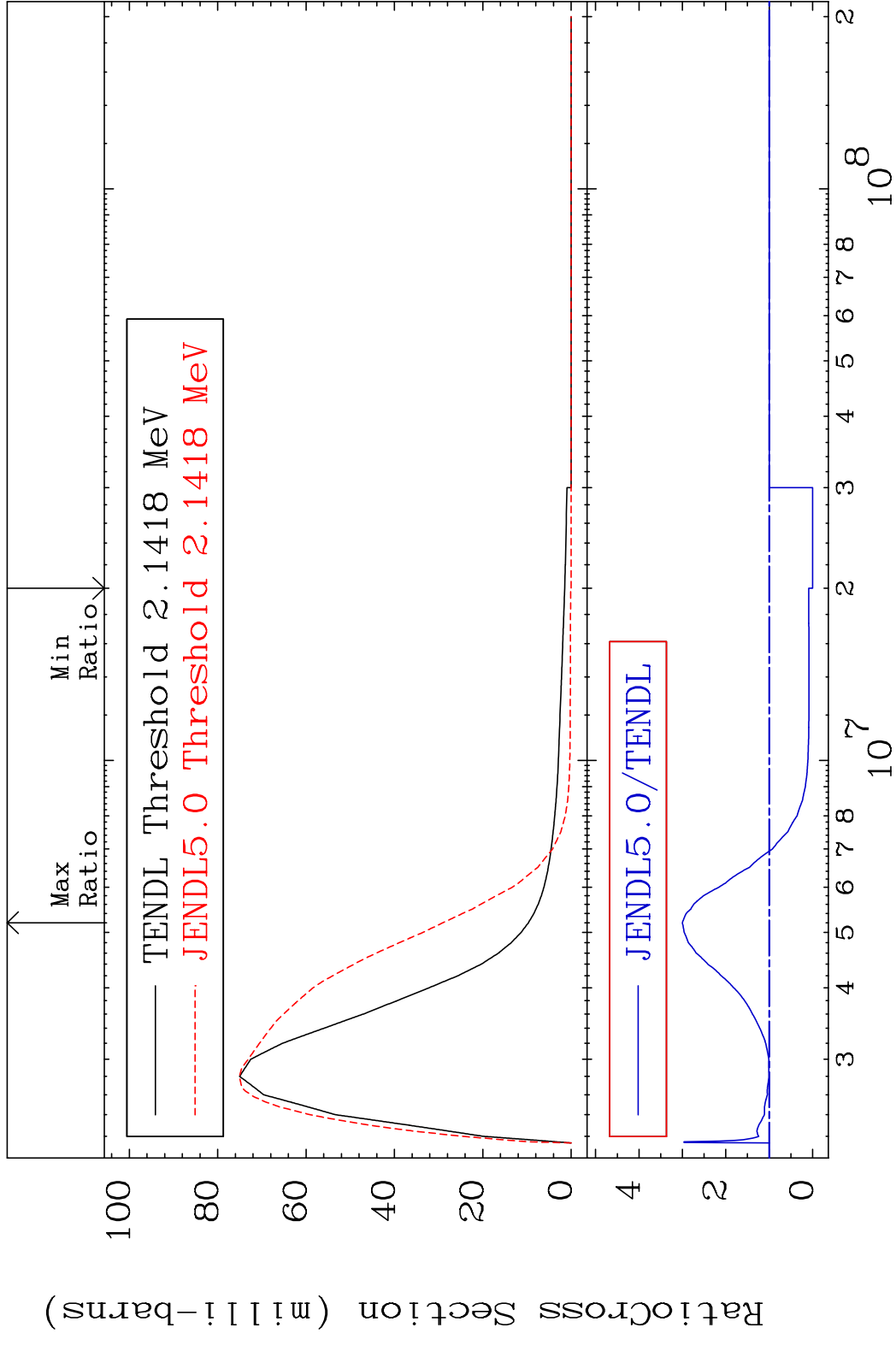
MAT 8049 MT= 61 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 9999. %



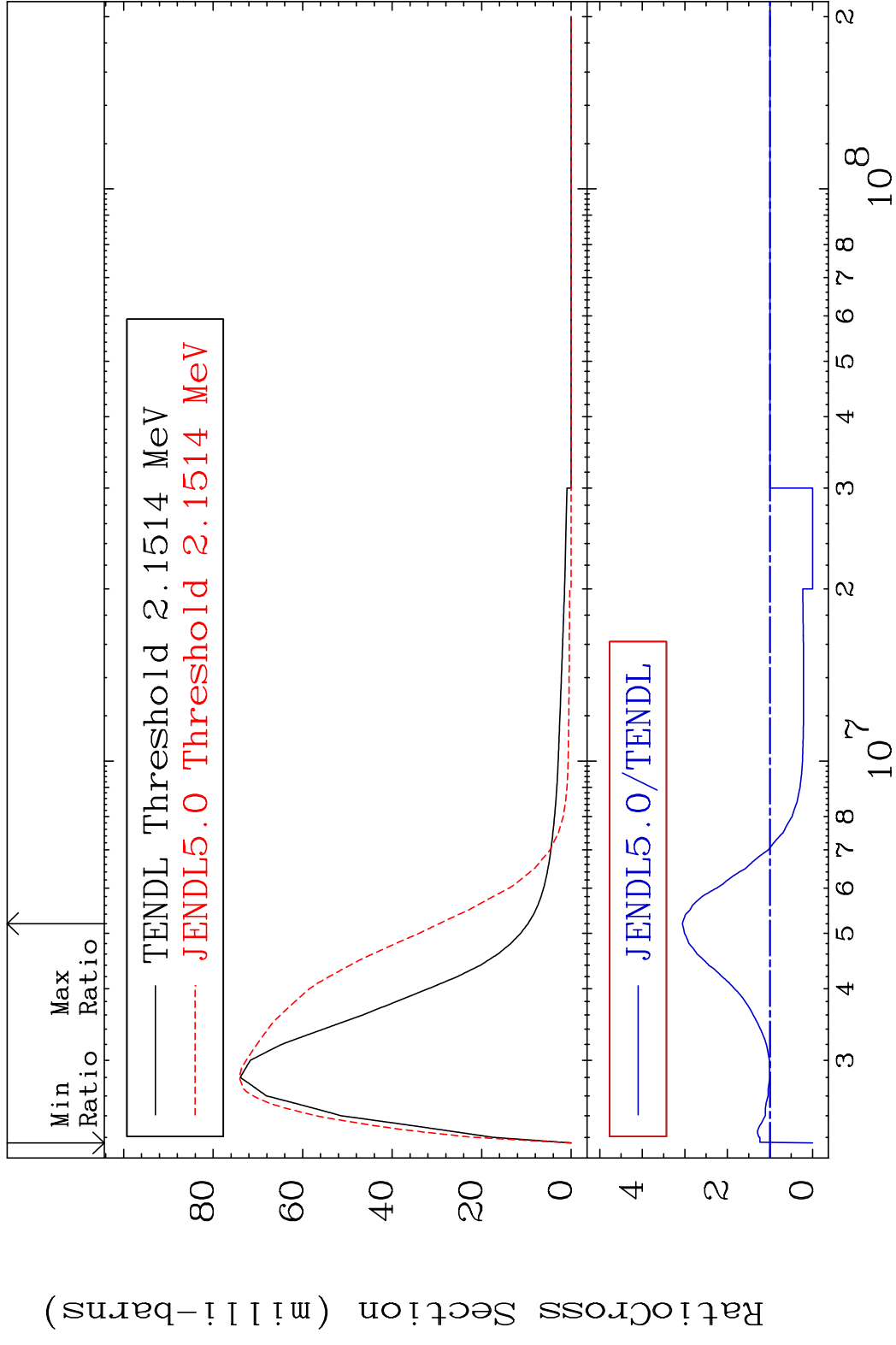
MAT 8049 MT= 62 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 202.1 %



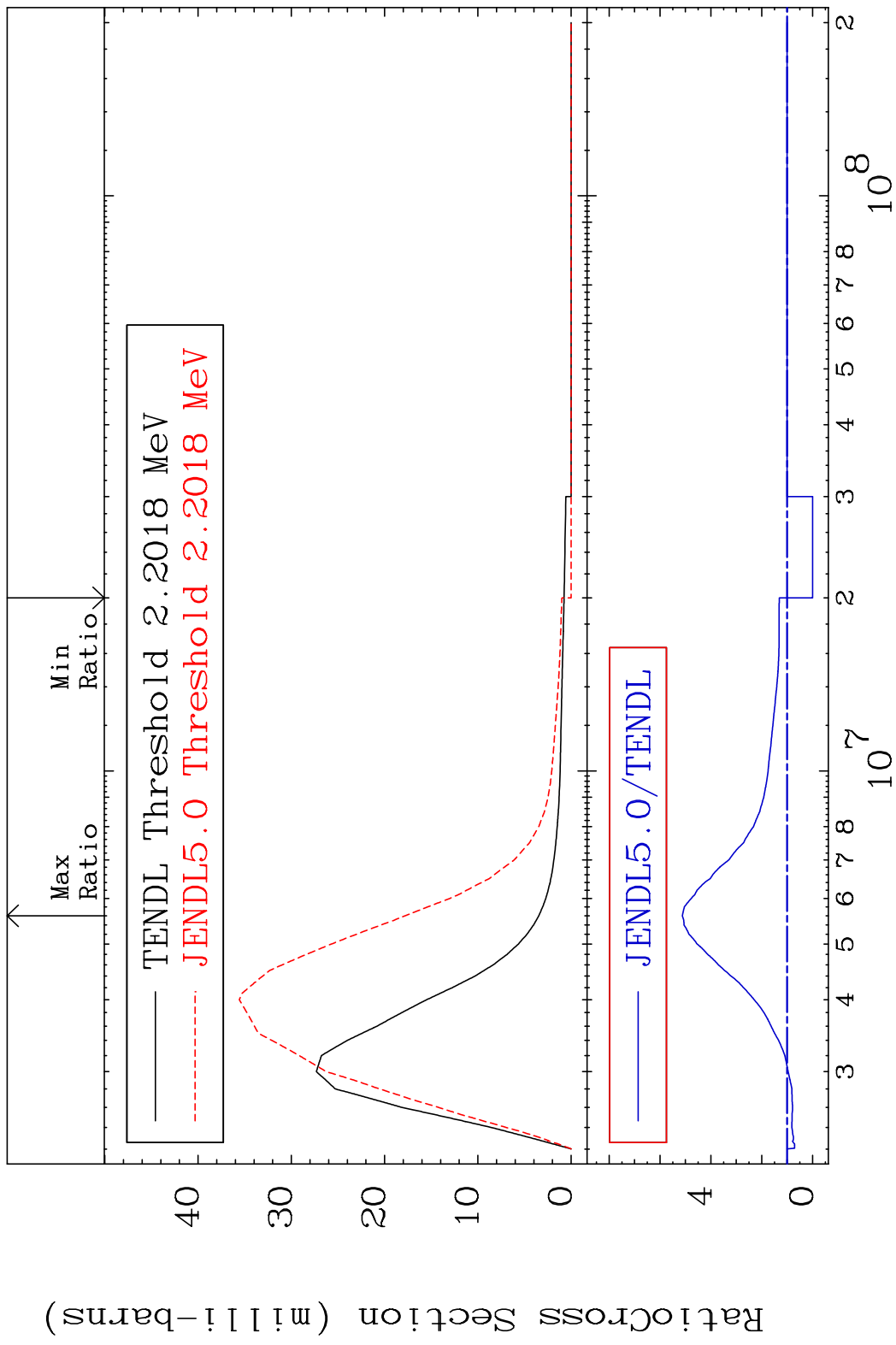
MAT 8049 MT= 63 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 200.1 %



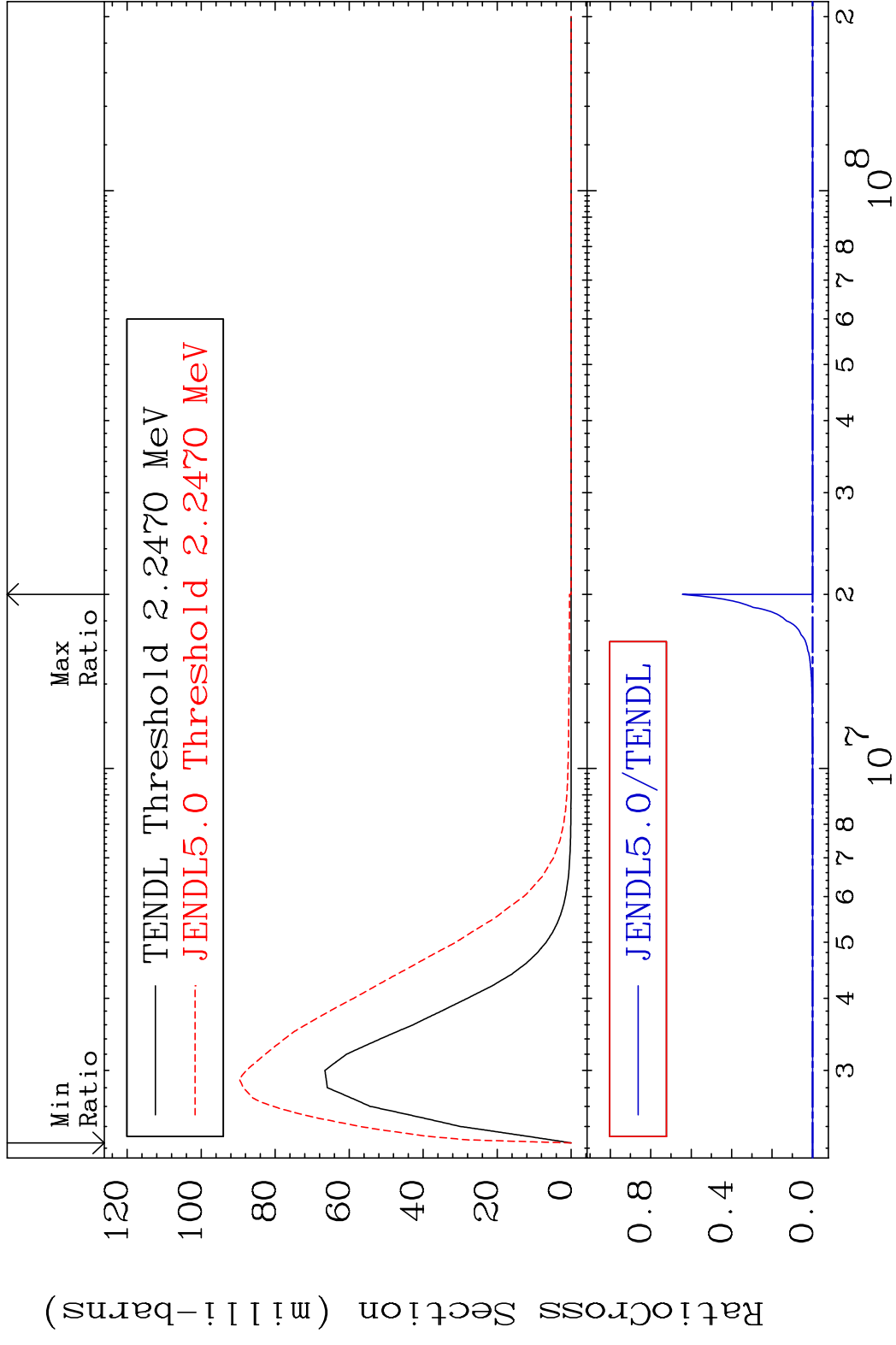
MAT 8049 MT= 64 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 205.9 %



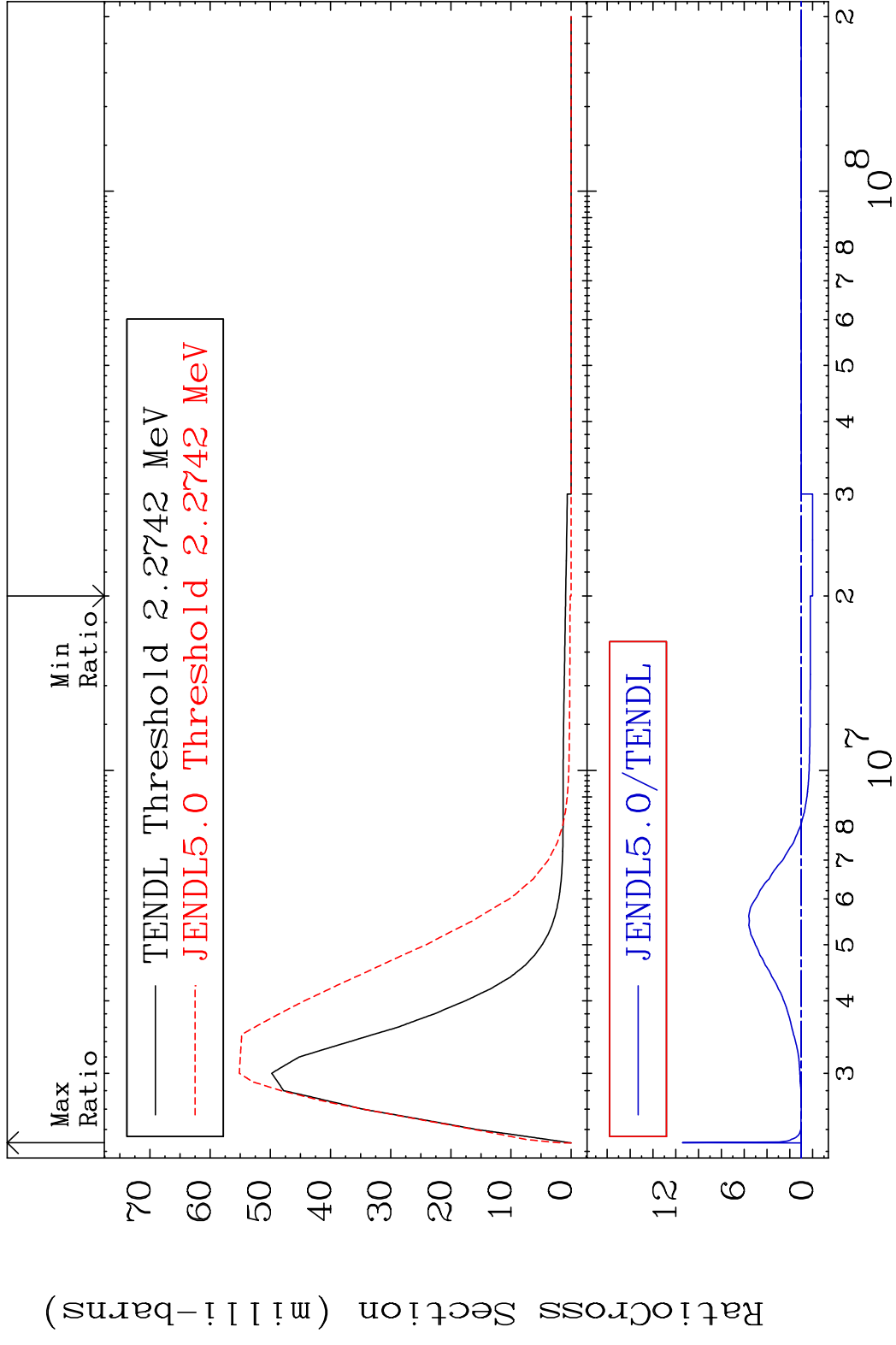
MAT 8049 MT= 65 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 412.1 %



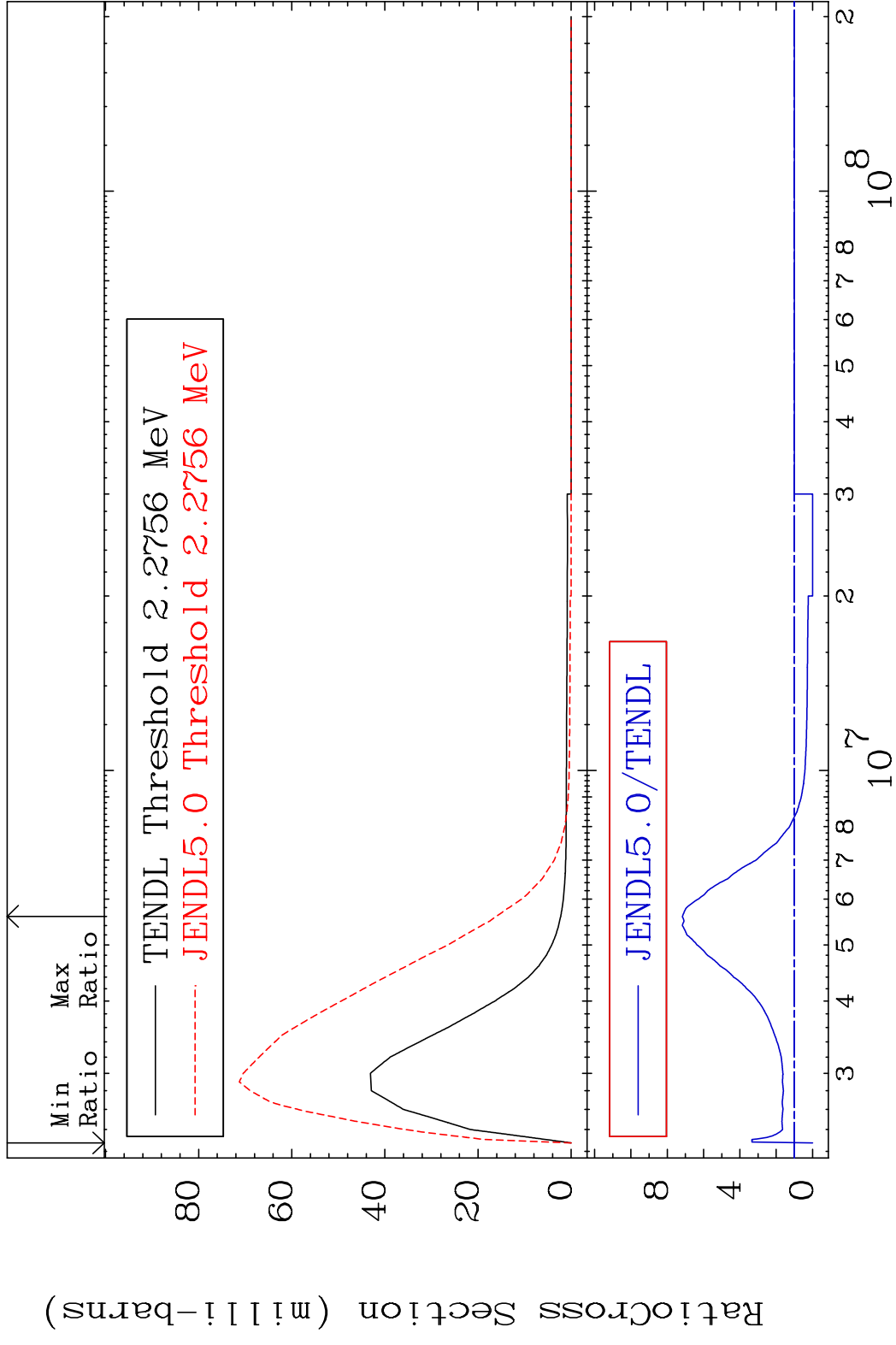
MAT 8049 MT= 66 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 9999. %



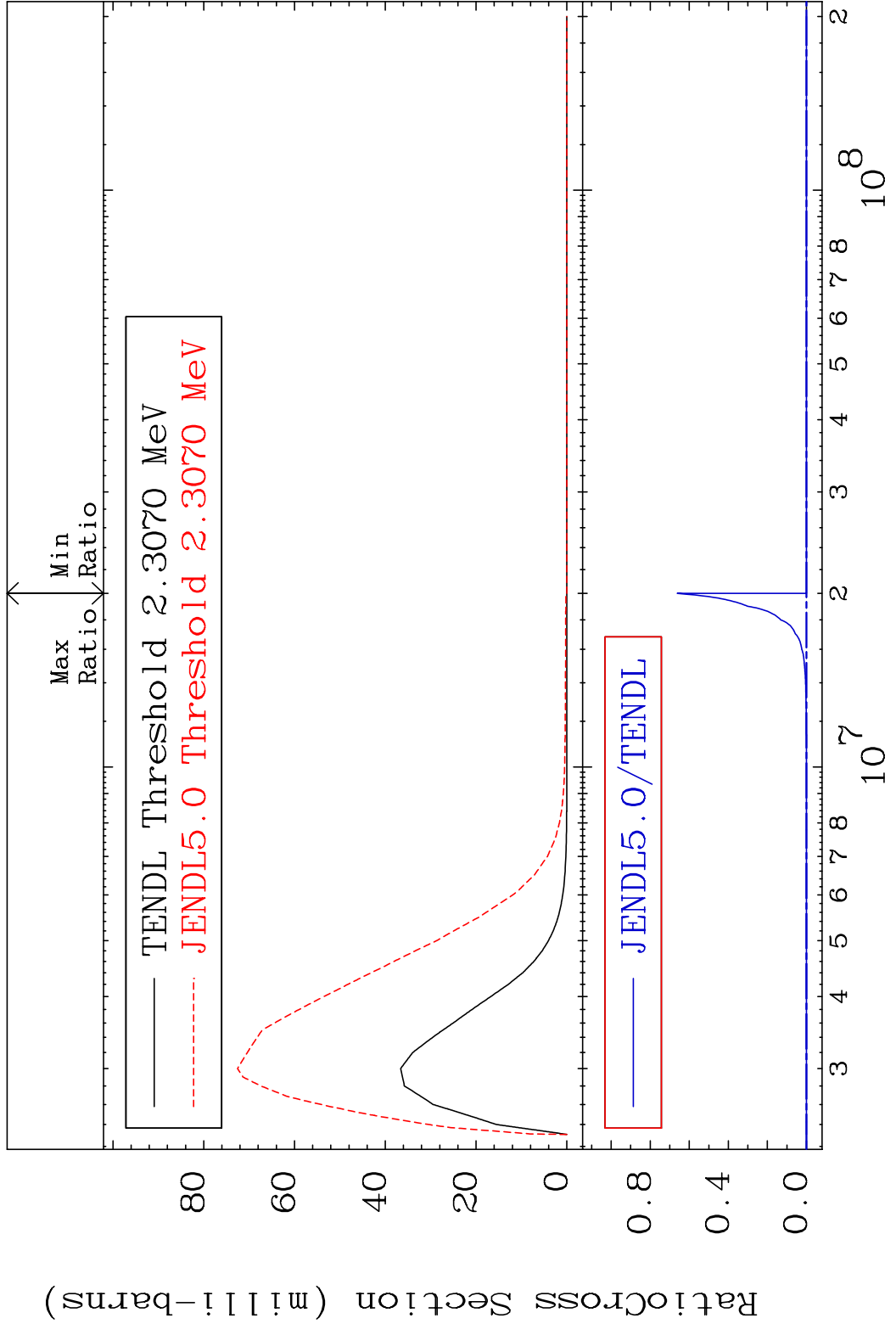
MAT 8049 MT= 67 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 1041. %



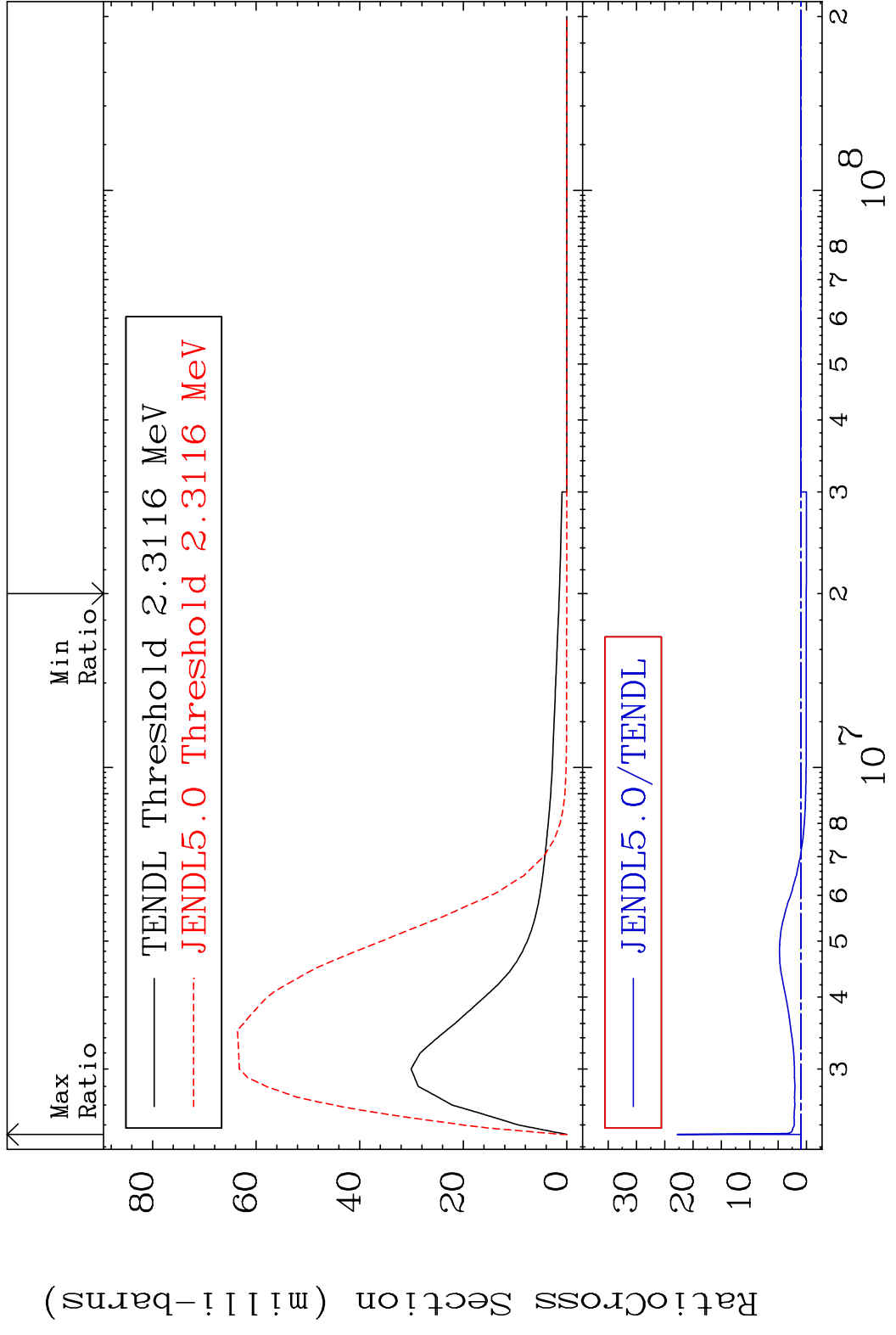
MAT 8049 MT= 68 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 616.8 %



MAT 8049 MT= 69 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 9999. %

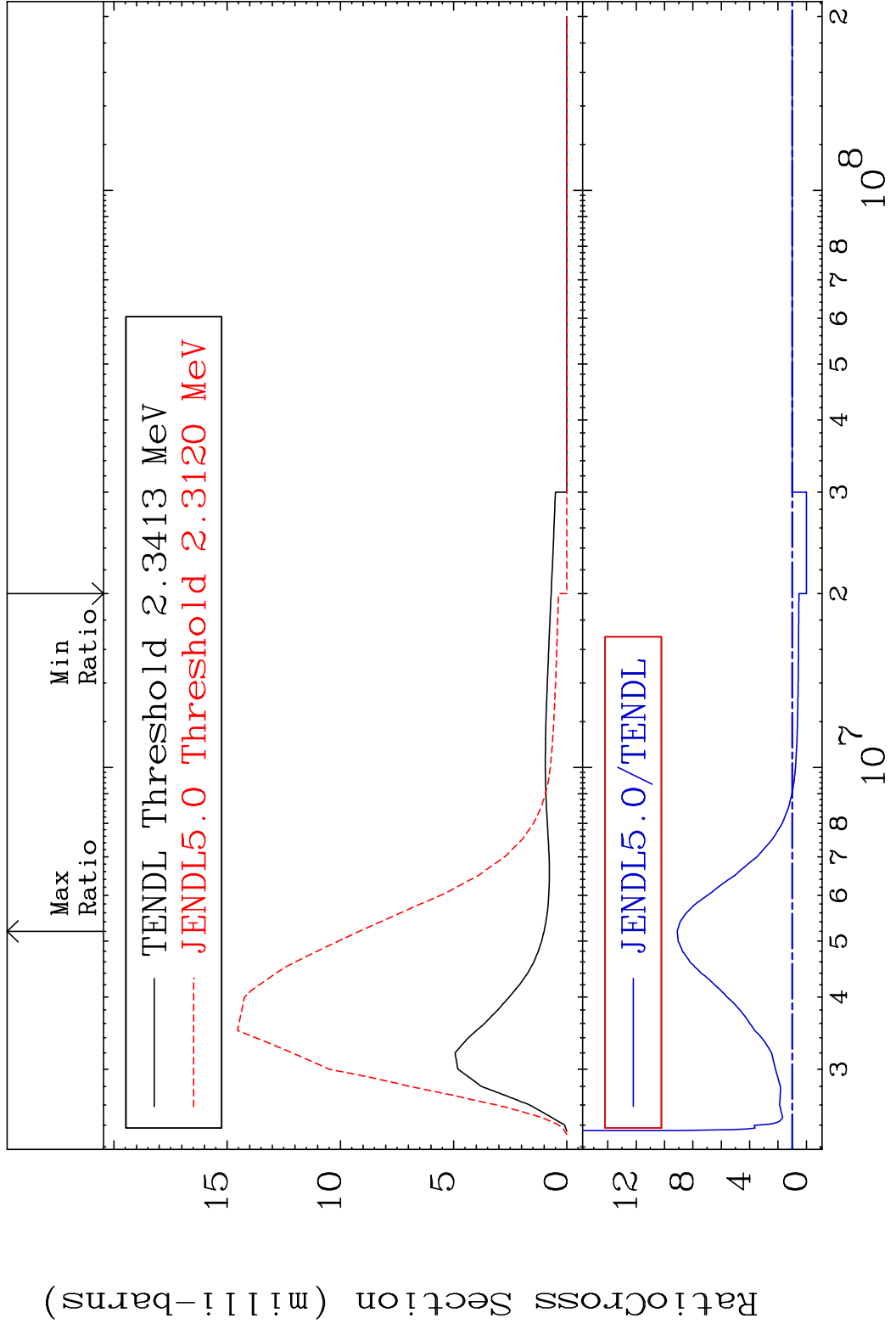


MAT 8049 MT= 70 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 2181. %



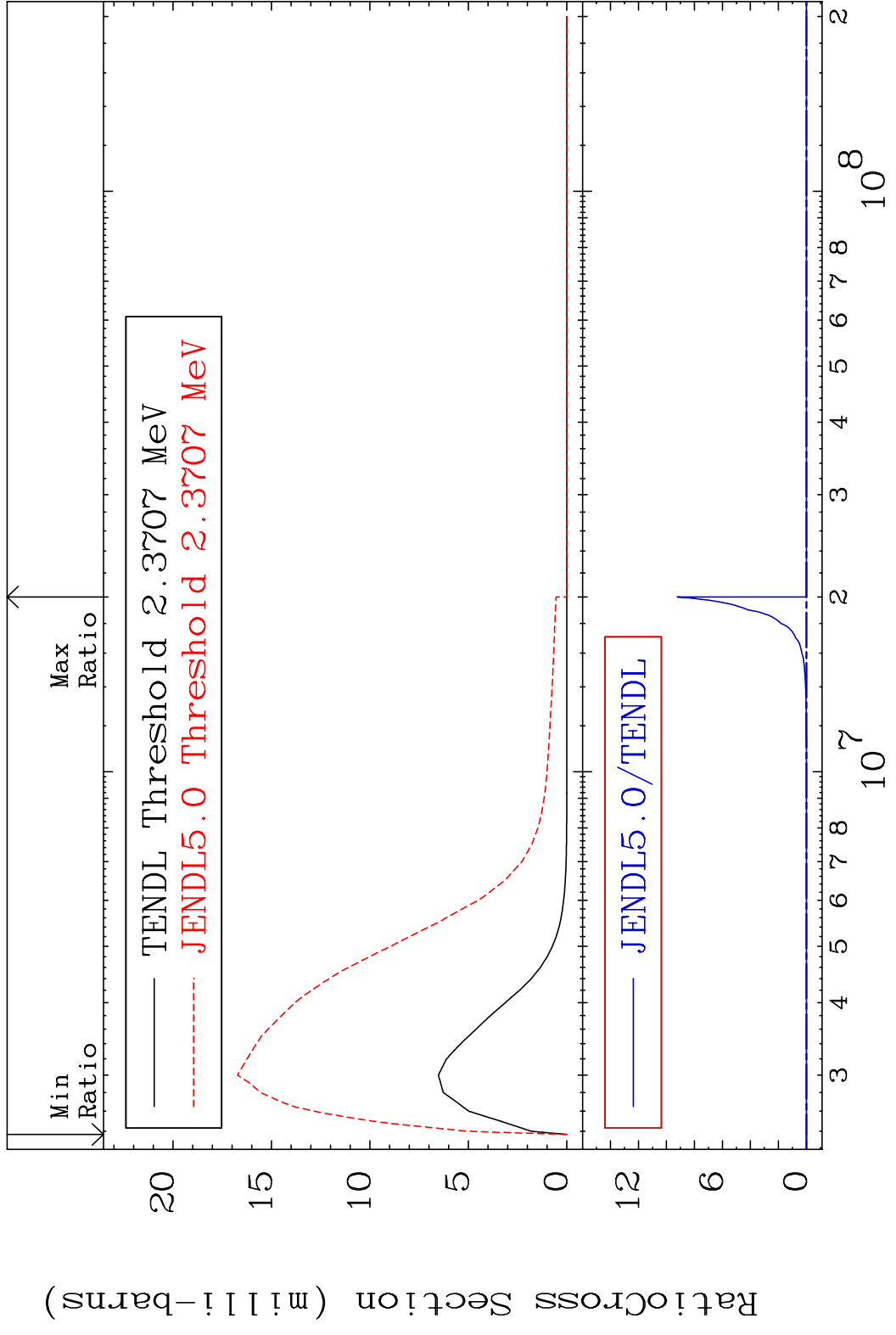
30 Incident Energy (eV) 80-Hg-204

MAT 8049 MT= 71 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 810.9 %

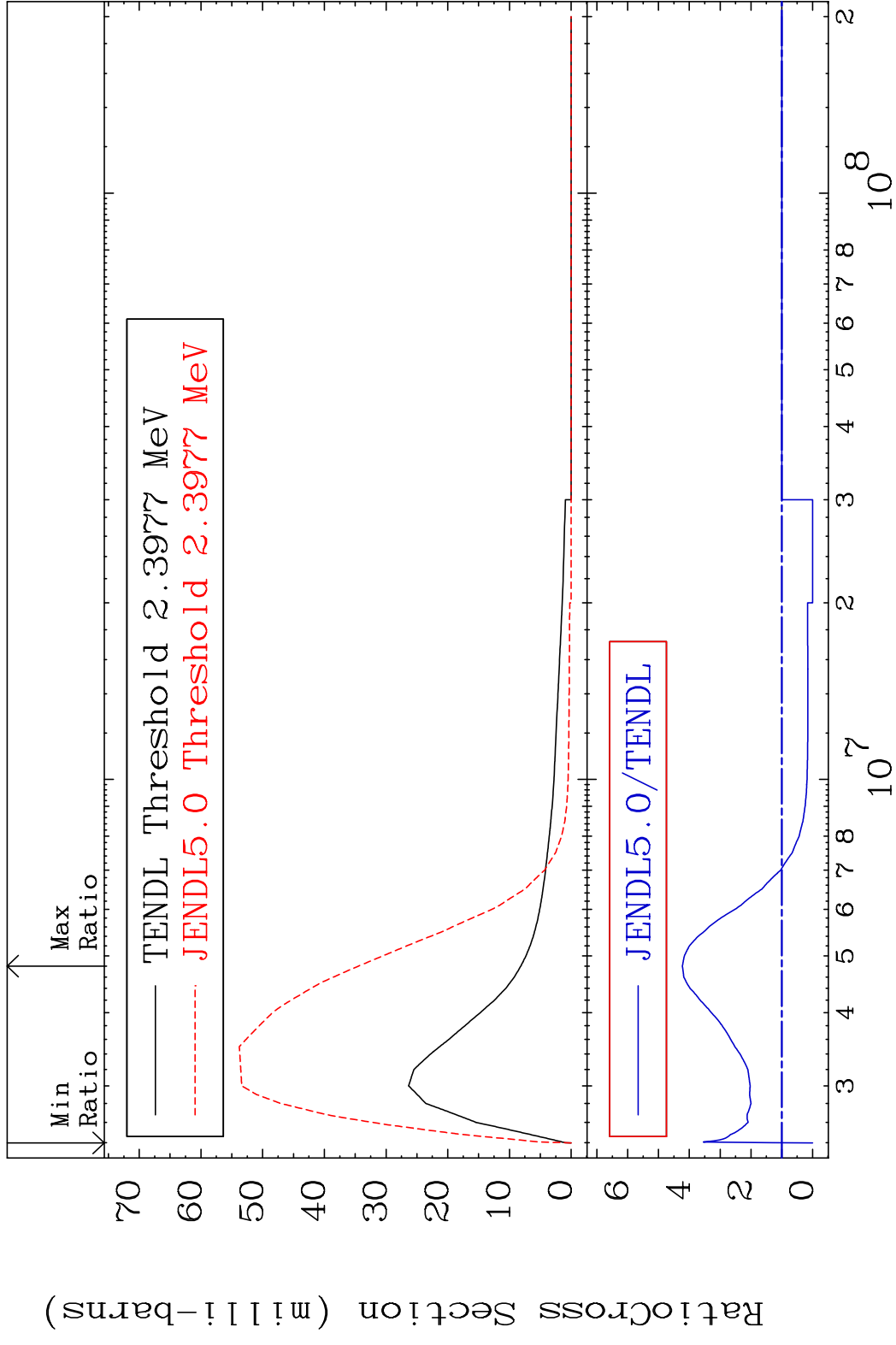


31 Incident Energy (eV) 80-Hg-204

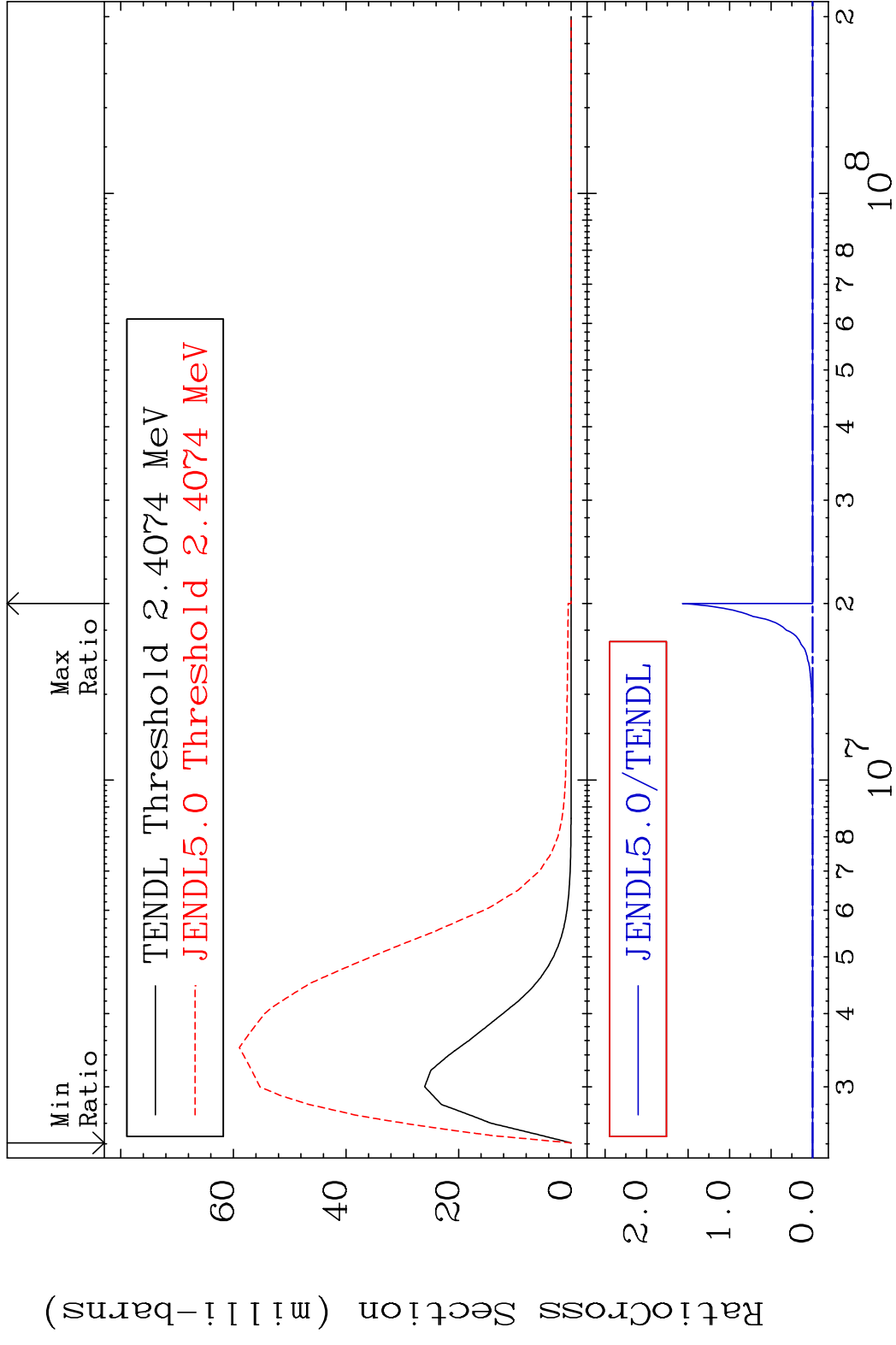
MAT 8049 MT= 72 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 9999. %



MAT 8049 MT= 73 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 322.7 %

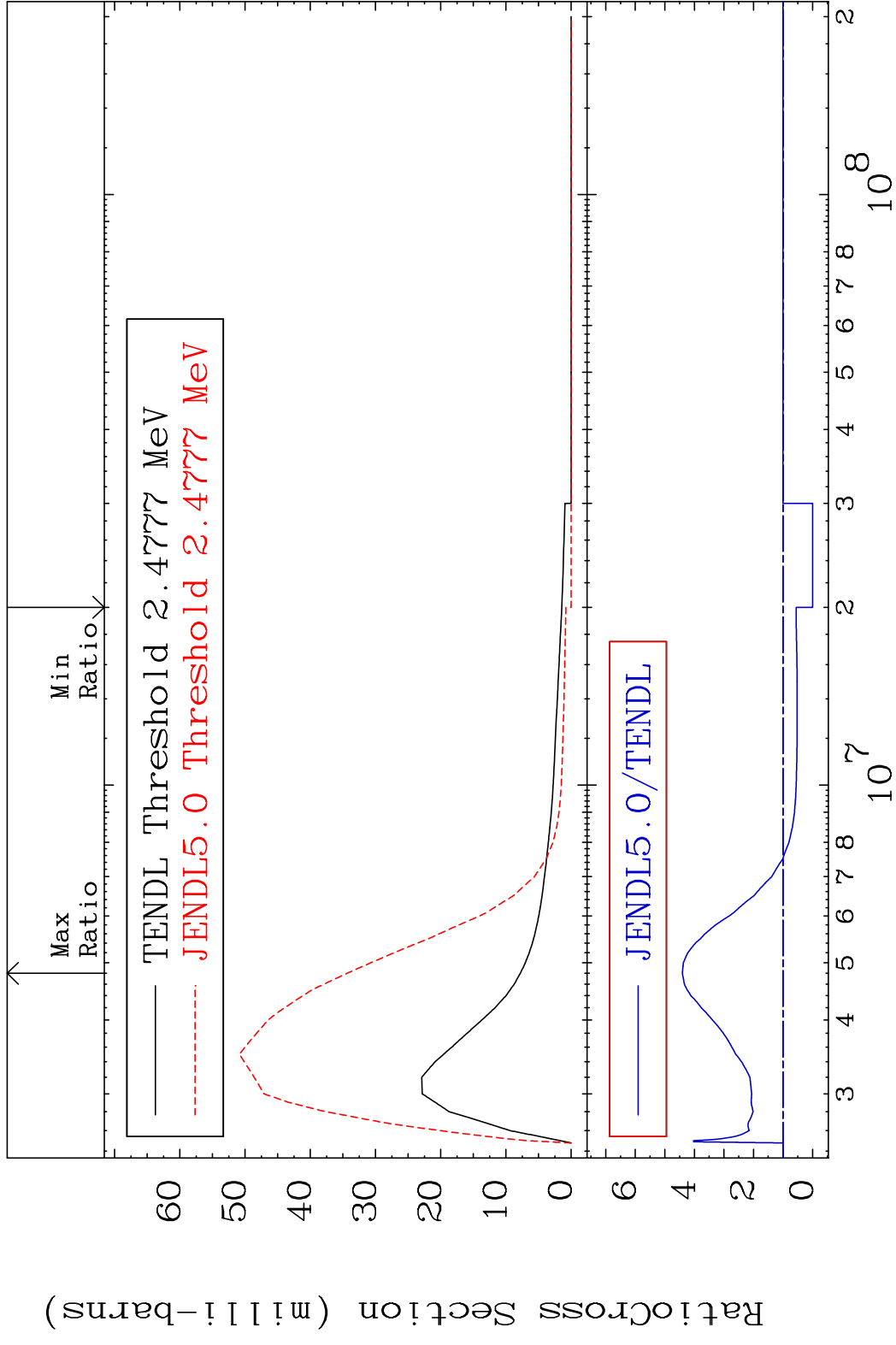


MAT 8049 MT= 74 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 9999. %

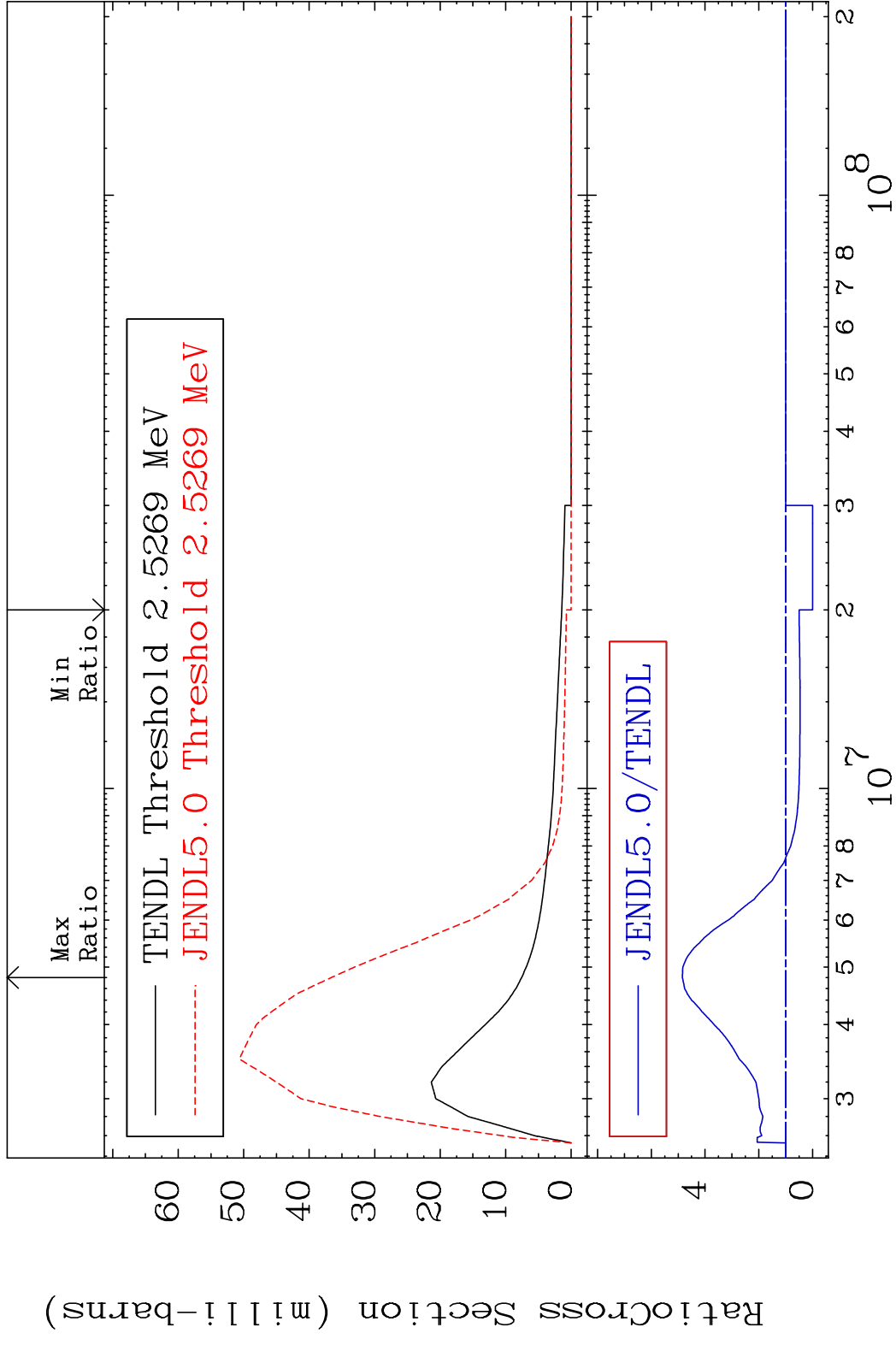


34 80-Hg-204

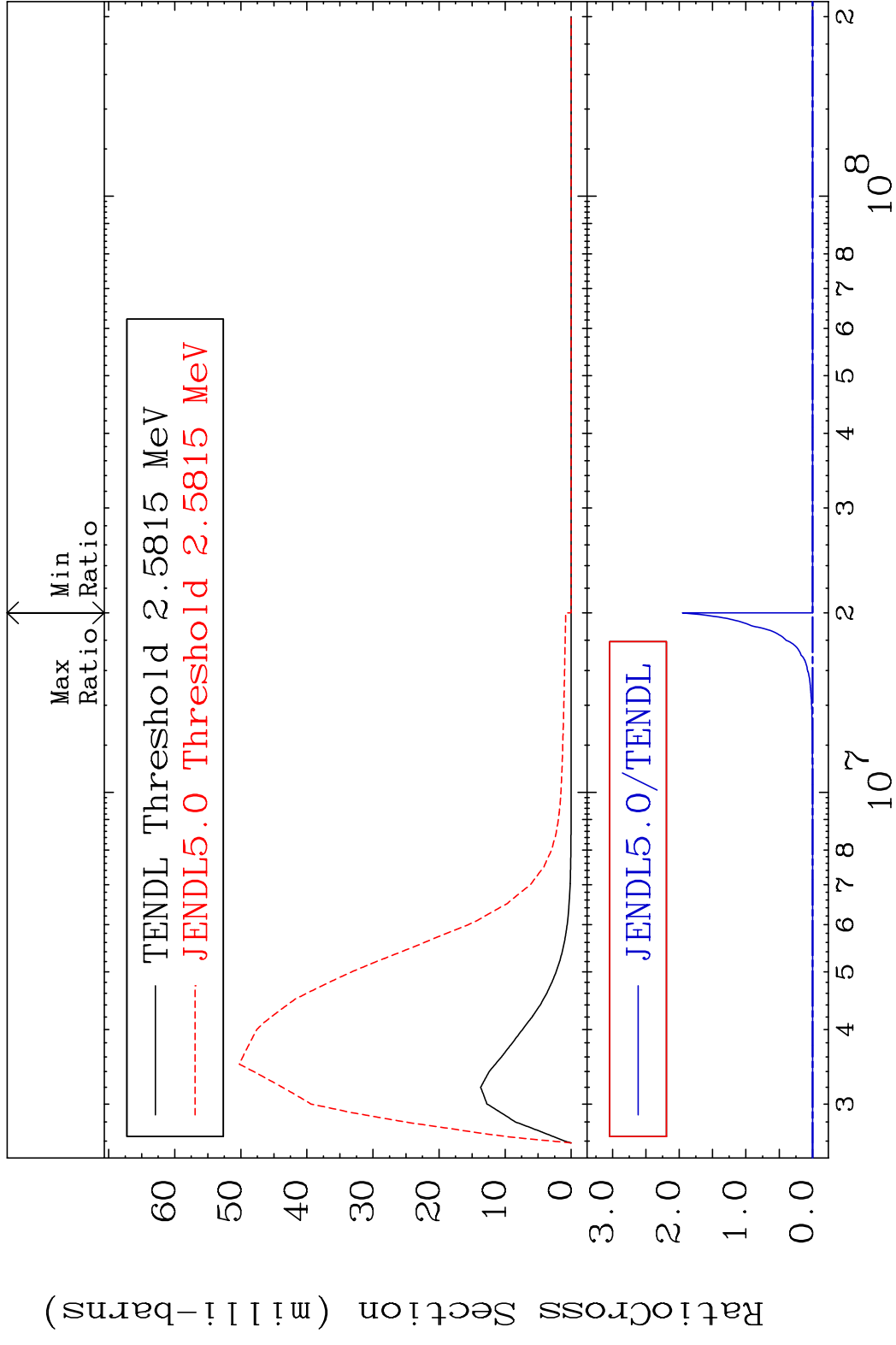
MAT 8049 MT= 75 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 340.7 %



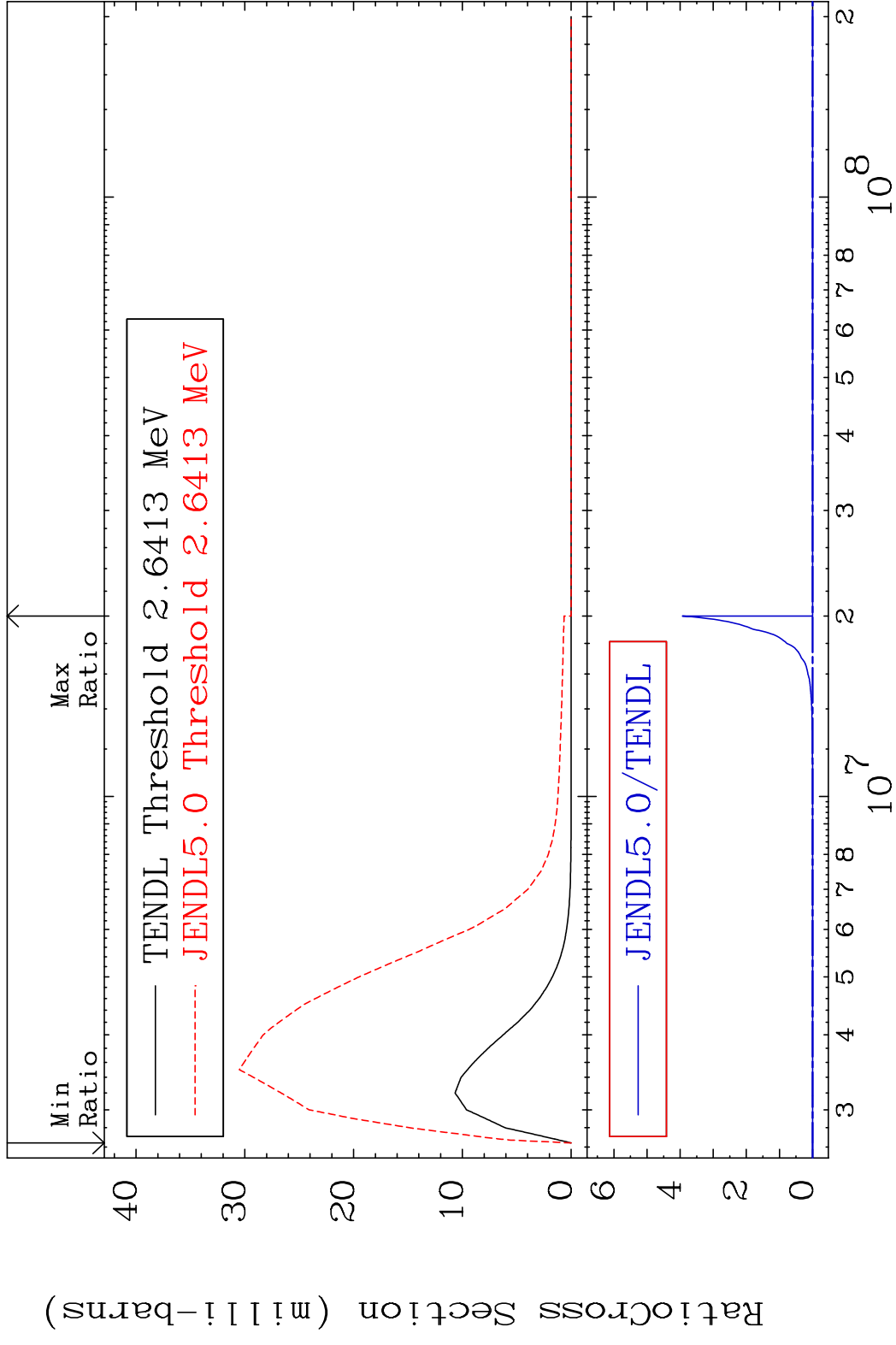
MAT 8049 MT= 76 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 384.5 %



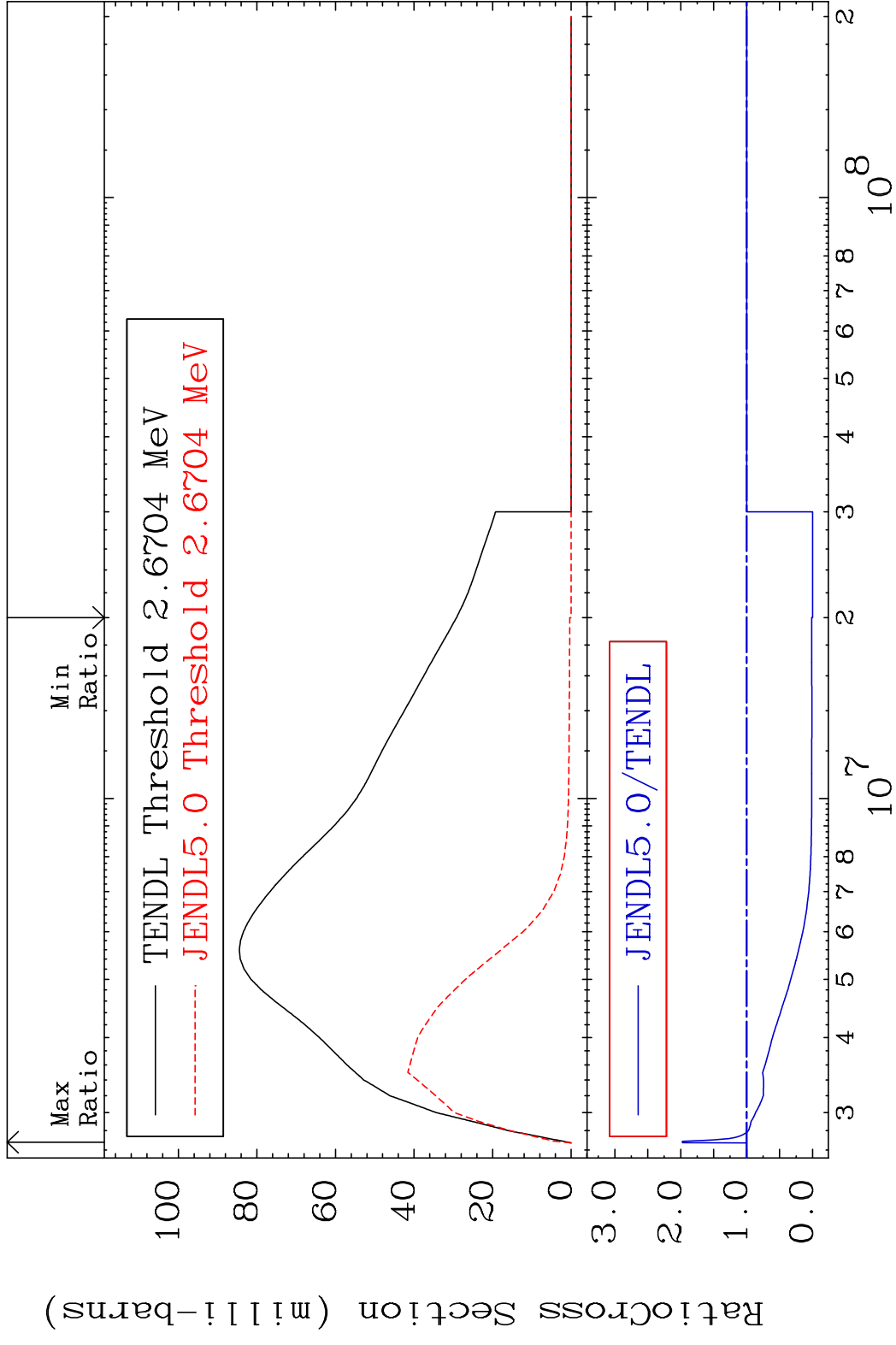
MAT 8049 MT= 77 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 9999. %



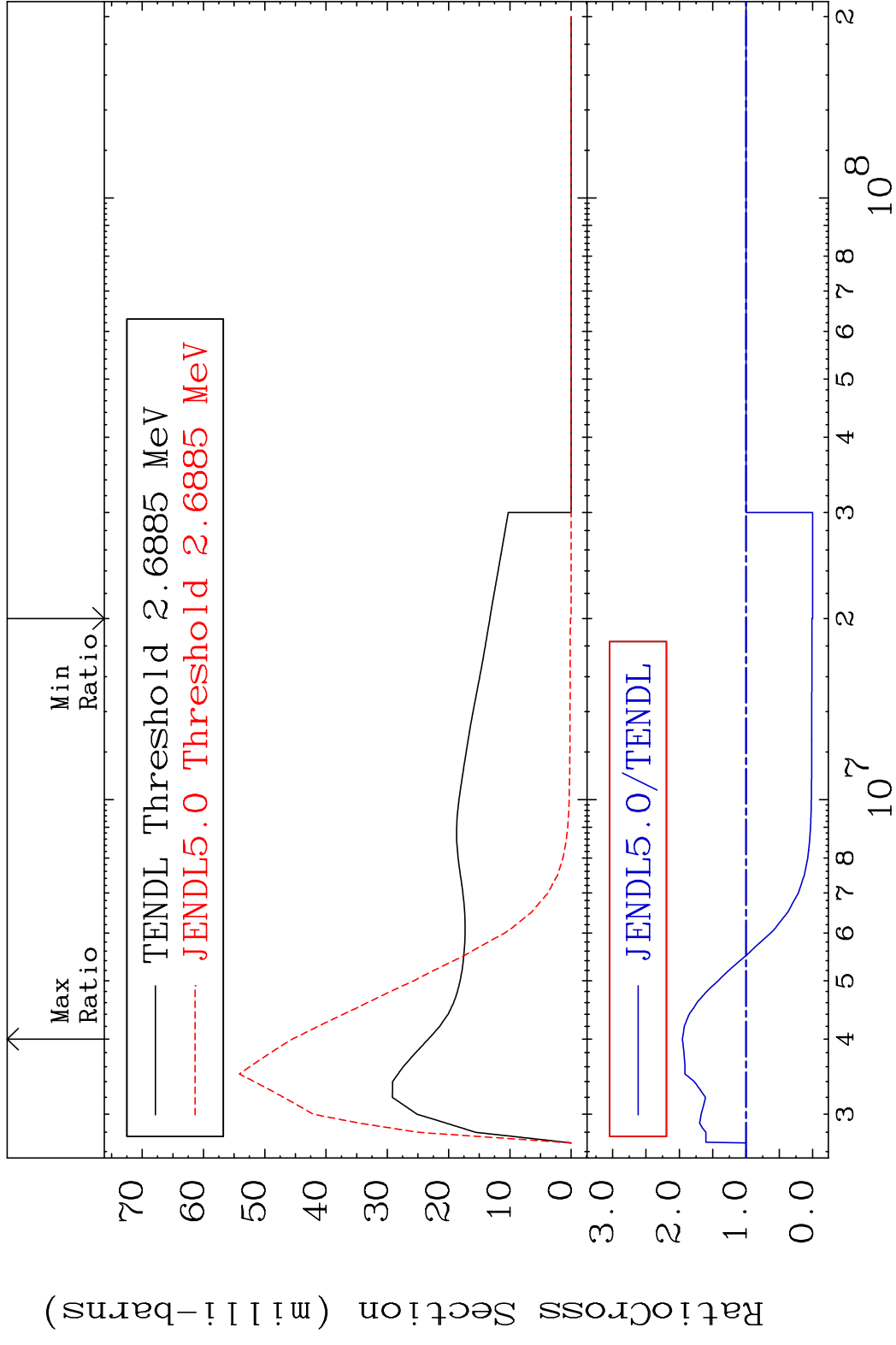
MAT 8049 MT= 78 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 9999. %



MAT 8049 MT= 79 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 97.52 %



MAT 8049 MT= 80 (n, n') Level 80-Hg-204
 Cross Section -100.0 To 95.44 %



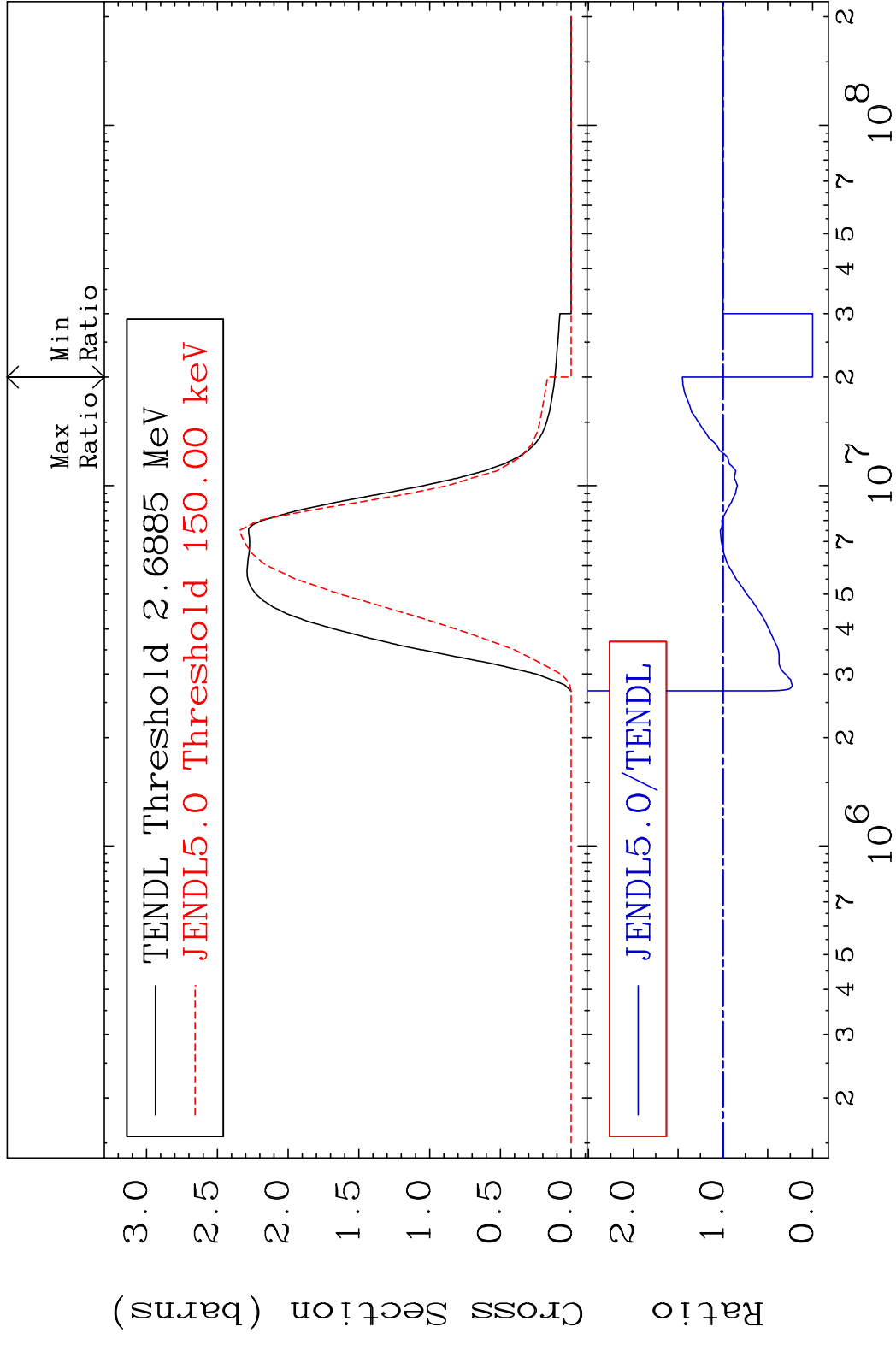
40 80-Hg-204

MAT 8049

(n,n') Continuum

80-Hg-204

Cross Section -100.0 To 45.24 %



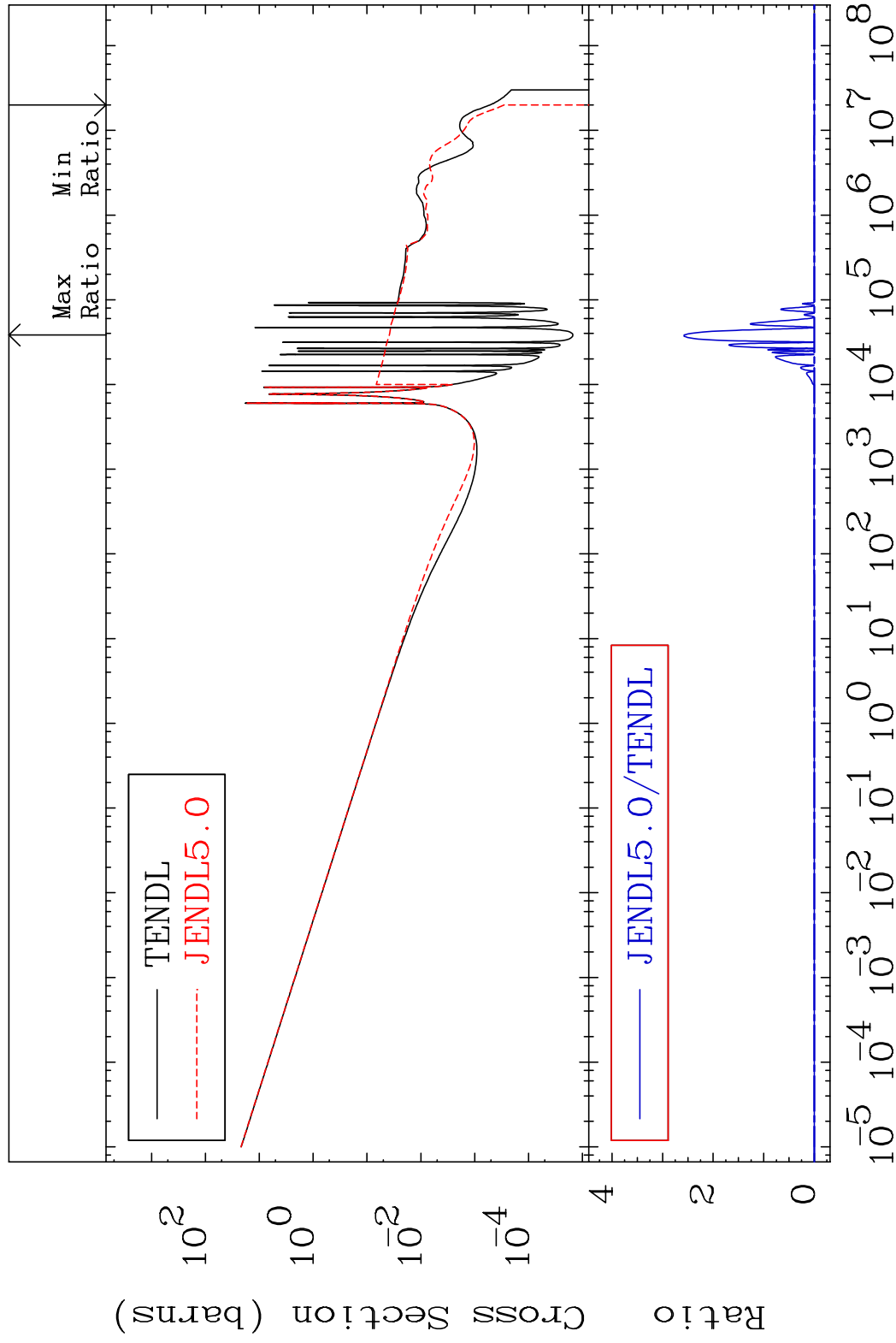
MAT 8049

(n, γ)

80-Hg-204

Cross Section

-100.0 To 9999. %

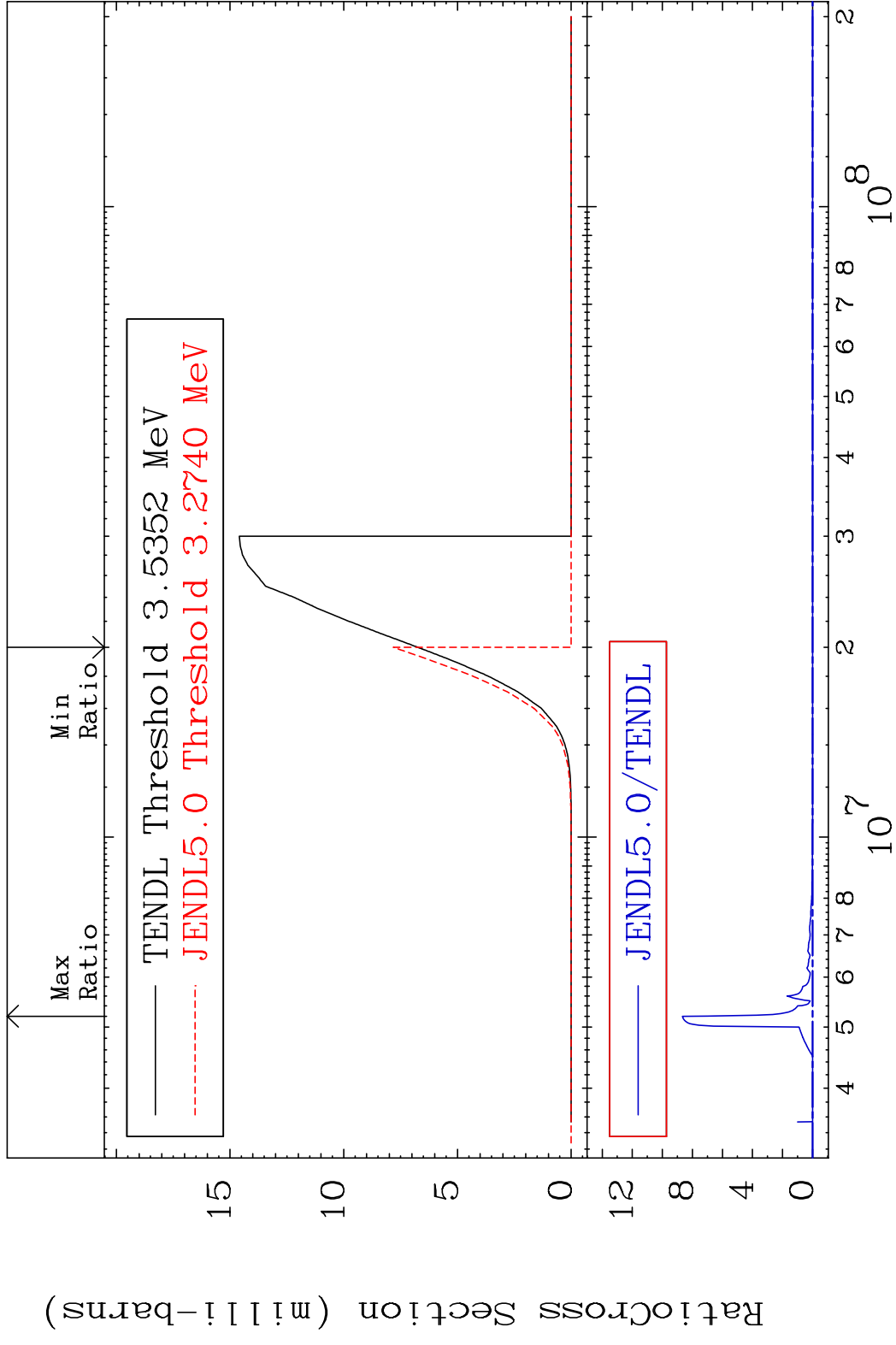


42

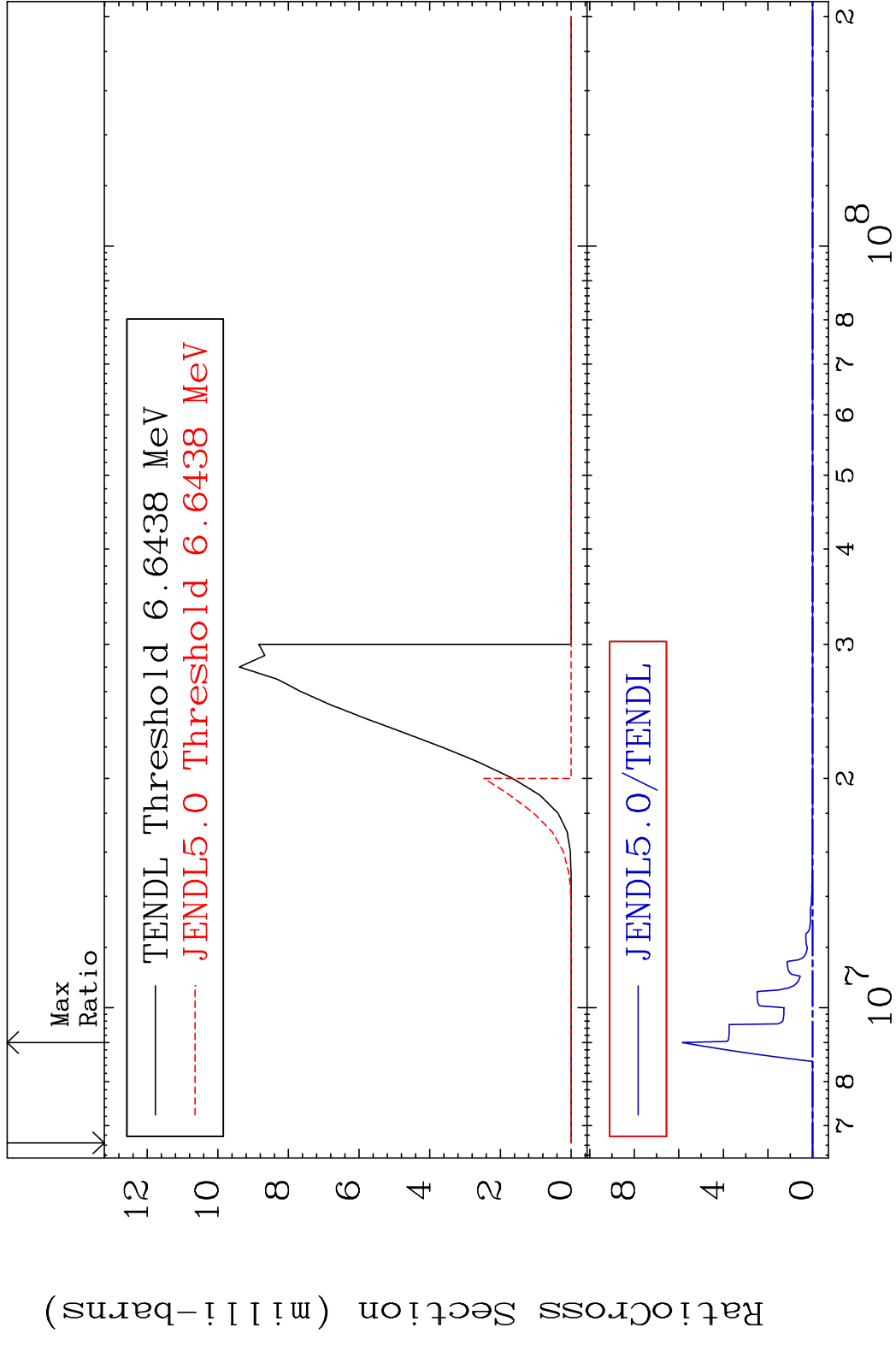
Incident Energy (eV)

80-Hg-204

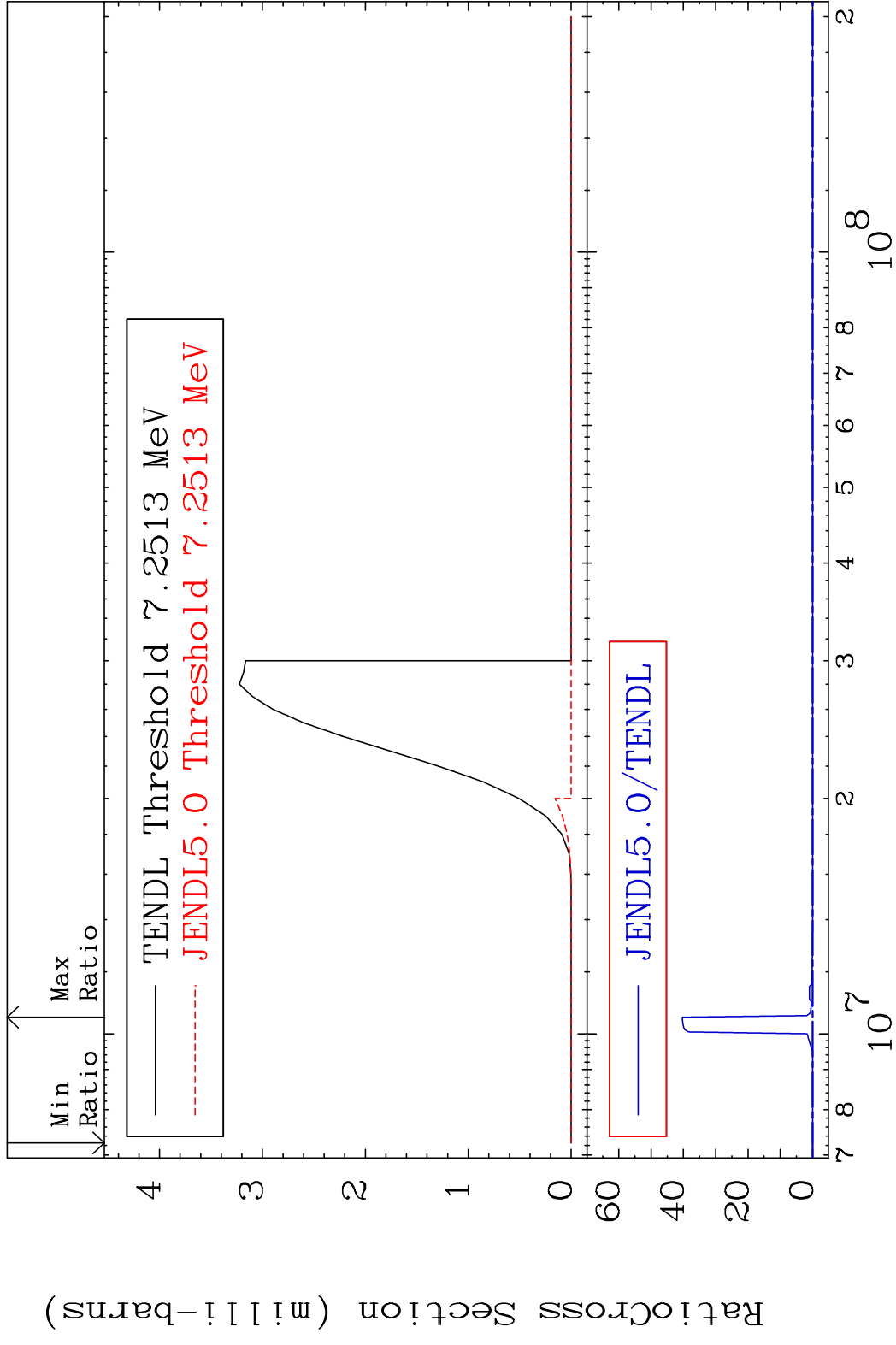
MAT 8049 (n,p) 80-Hg-204
 Cross Section -100.0 To 9999. %



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



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



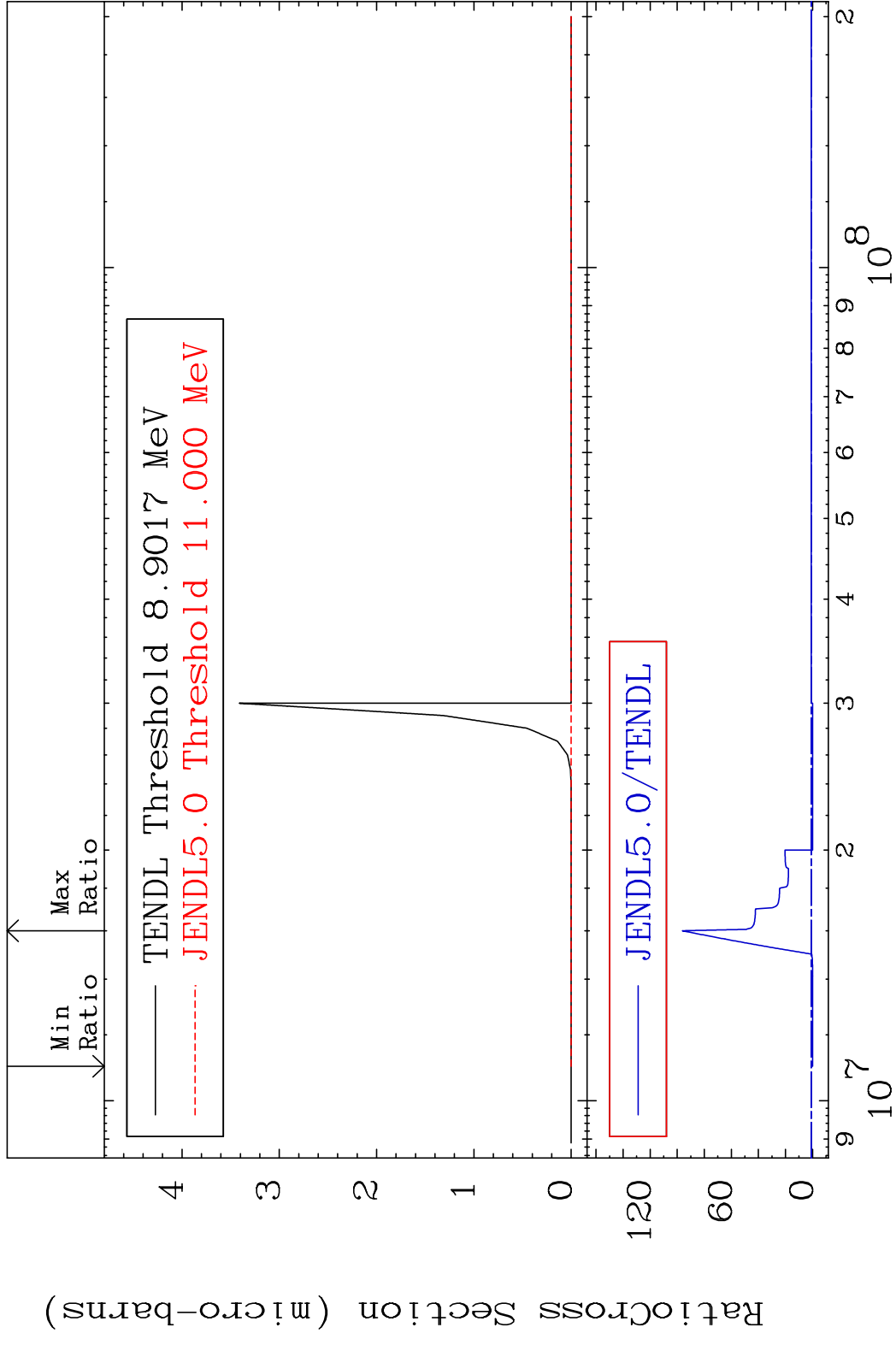
45 80-Hg-204

MAT 8049

(n, He-3)

80-Hg-204

Cross Section -100.0 To 9521. %



46

Incident Energy (eV)

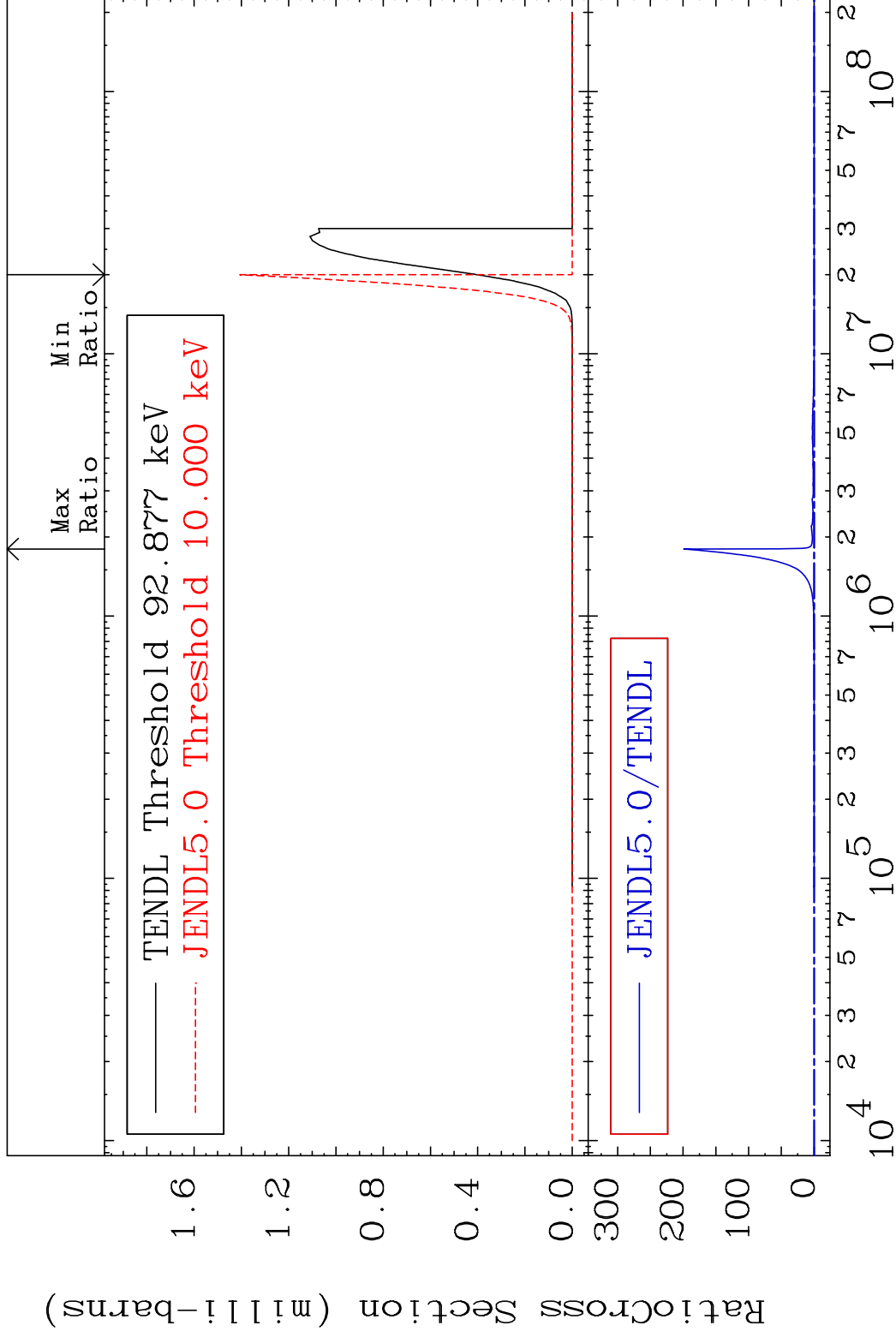
80-Hg-204

MAT 8049

(n, α)

80-Hg-204

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

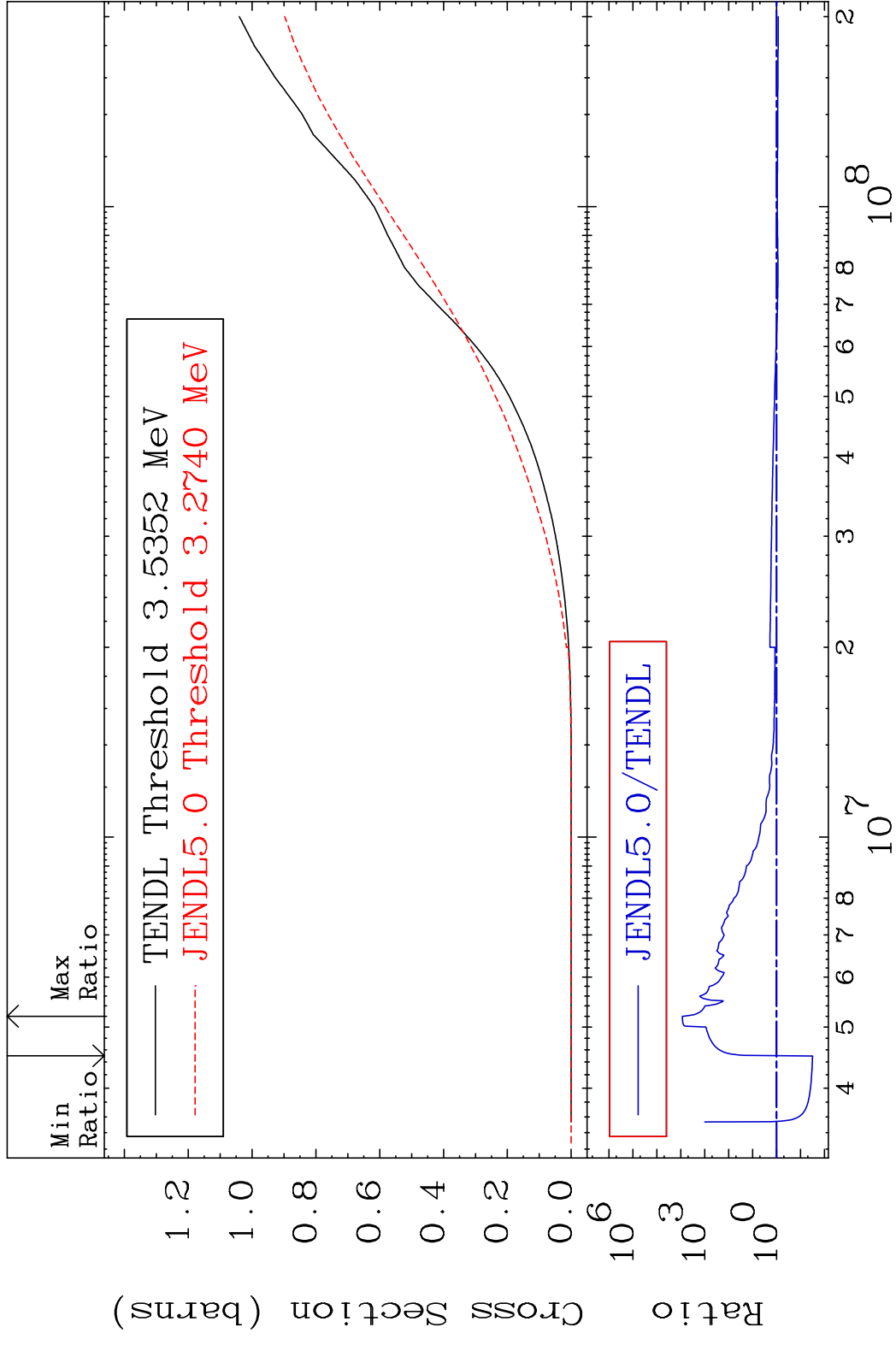
80-Hg-204

MAT 8049

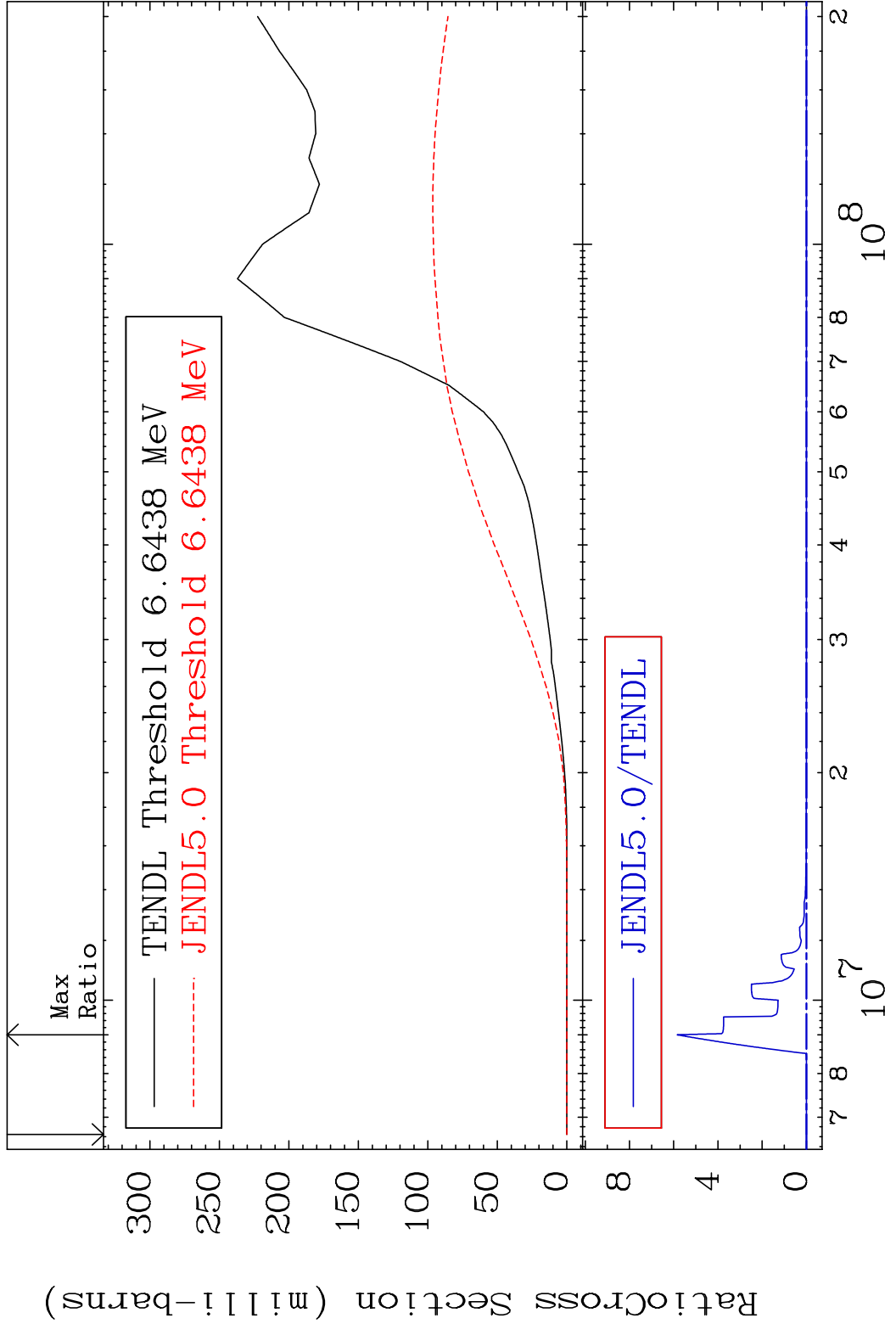
Hydrogen Production

80-Hg-204

Cross Section -96.83 To 9999. %

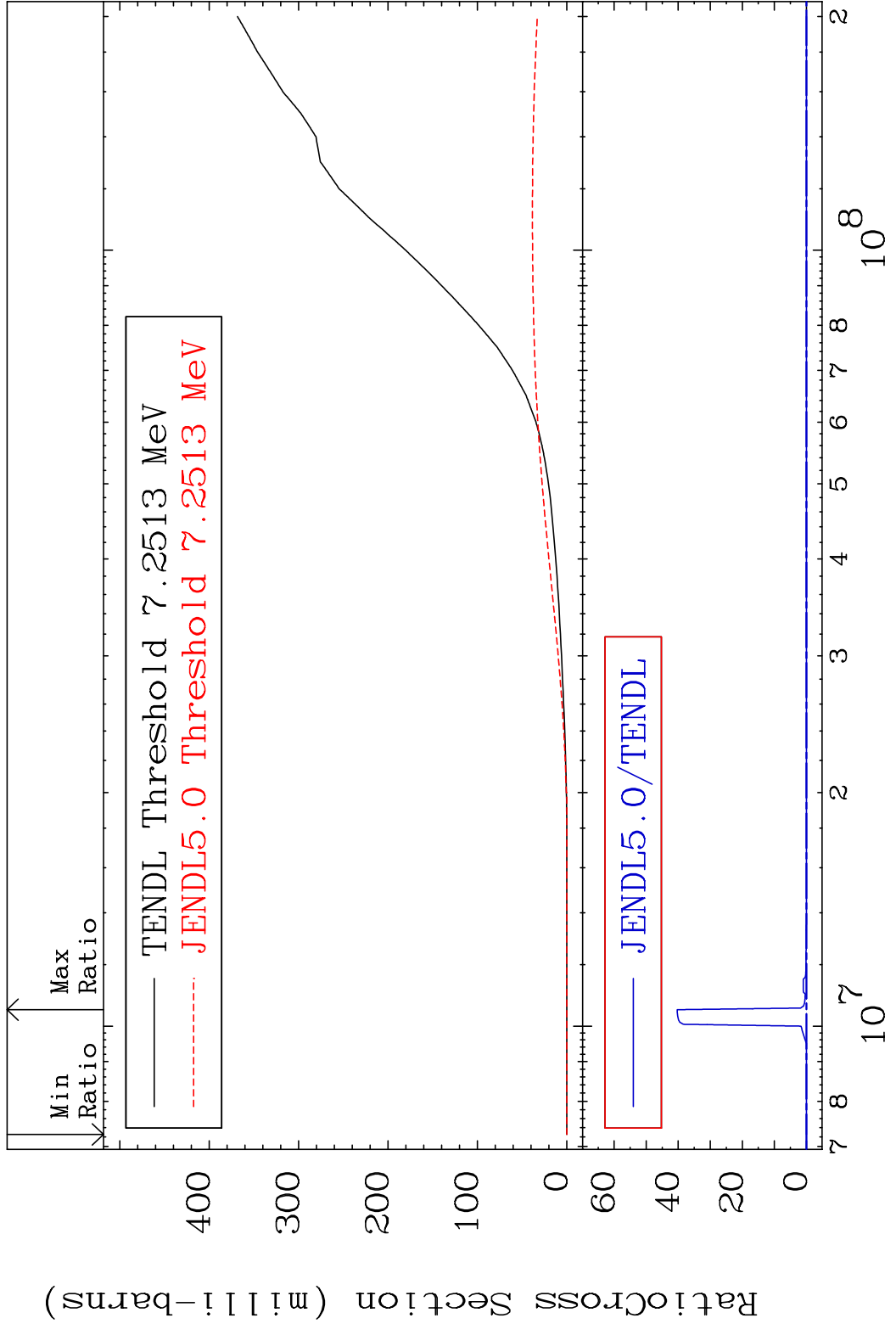


MAT 8049 Deuterium Production 80-Hg-204
 Cross Section -100.0 To 9999. %



49 80-Hg-204

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



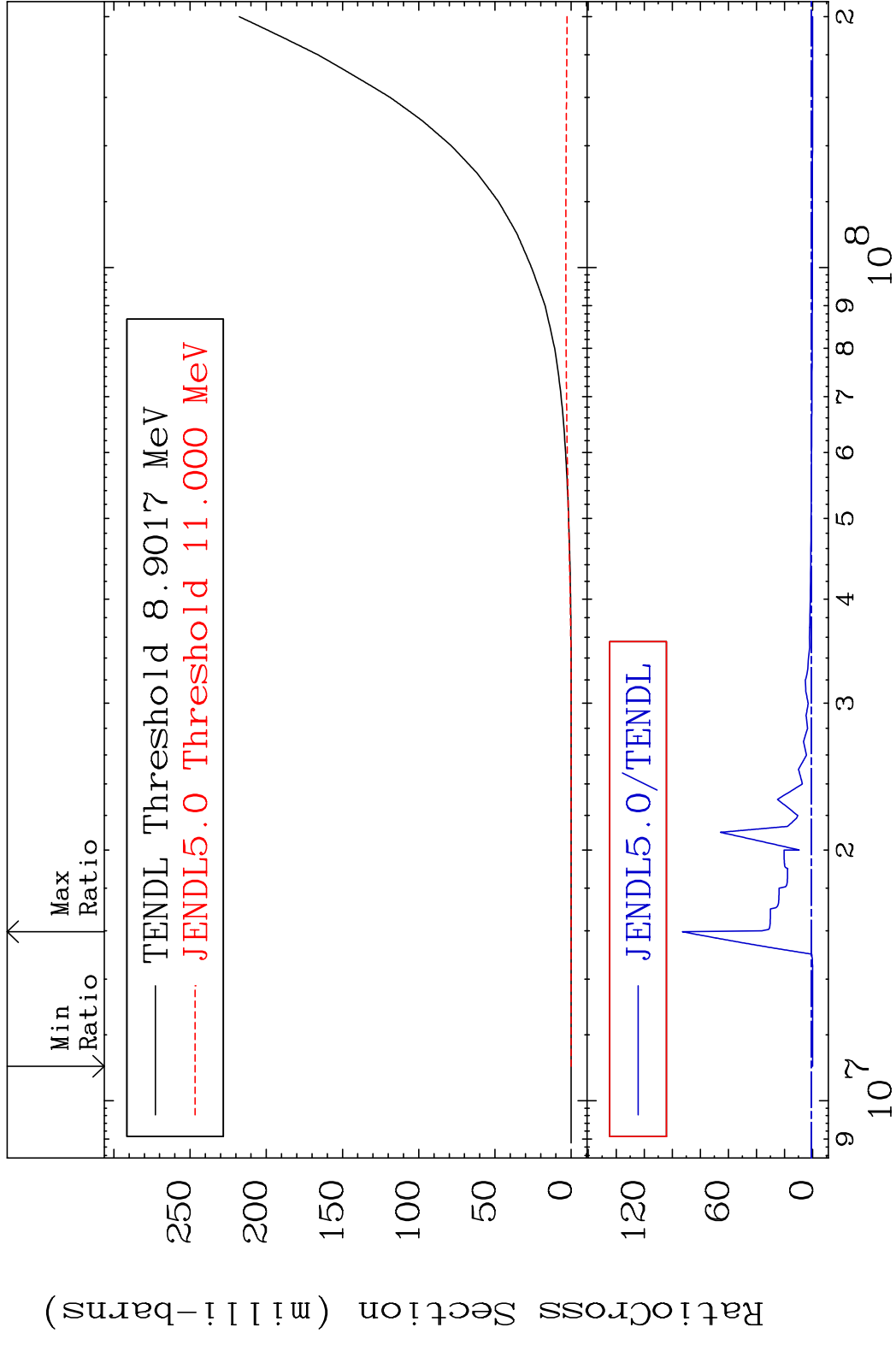
50 Incident Energy (eV) 80-Hg-204

MAT 8049

He-3 Production

80-Hg-204

Cross Section -100.0 To 9184. %



51

Incident Energy (eV)

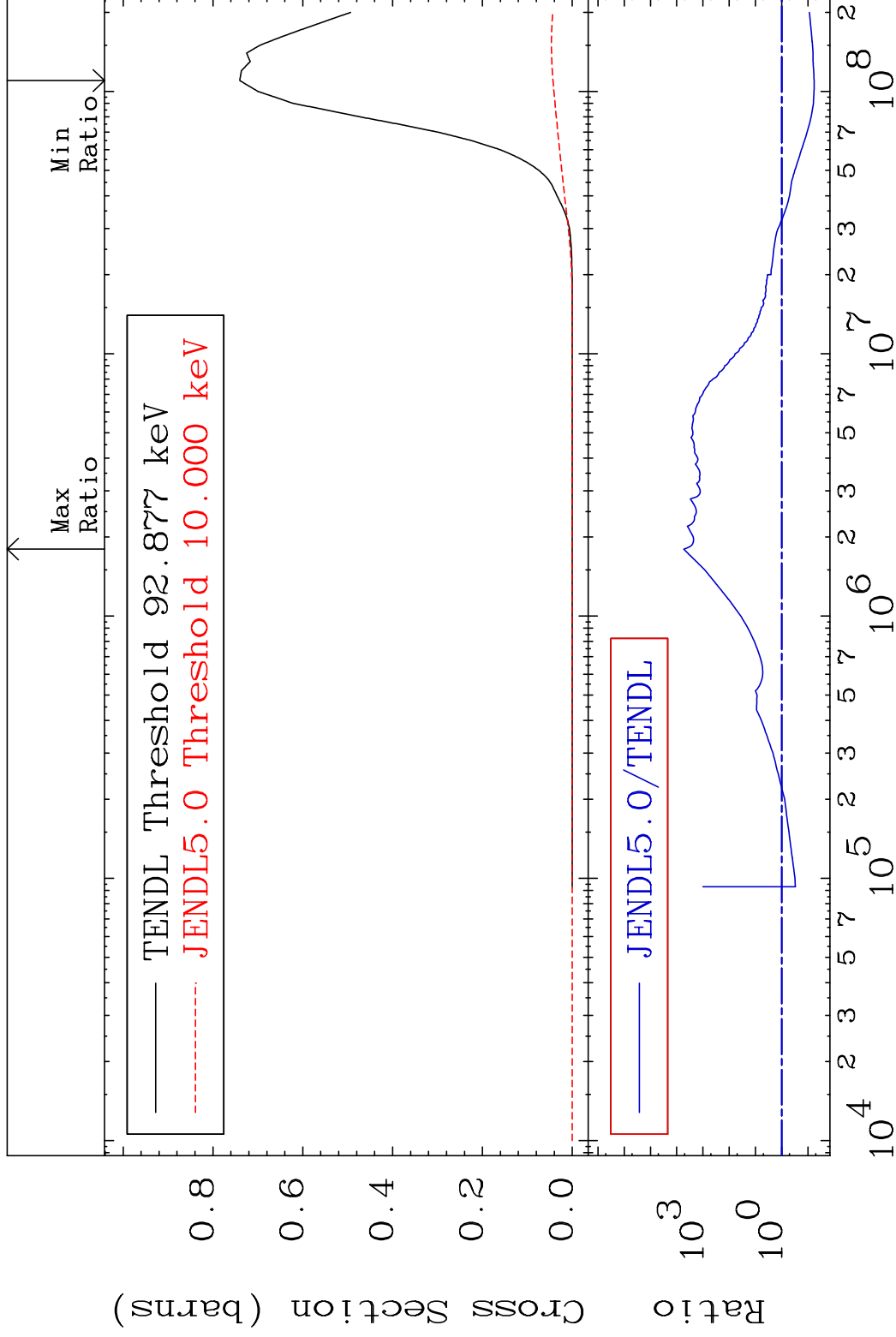
80-Hg-204

MAT 8049

He-4 Production

80-Hg-204

Cross Section -94.20 To 9999. %

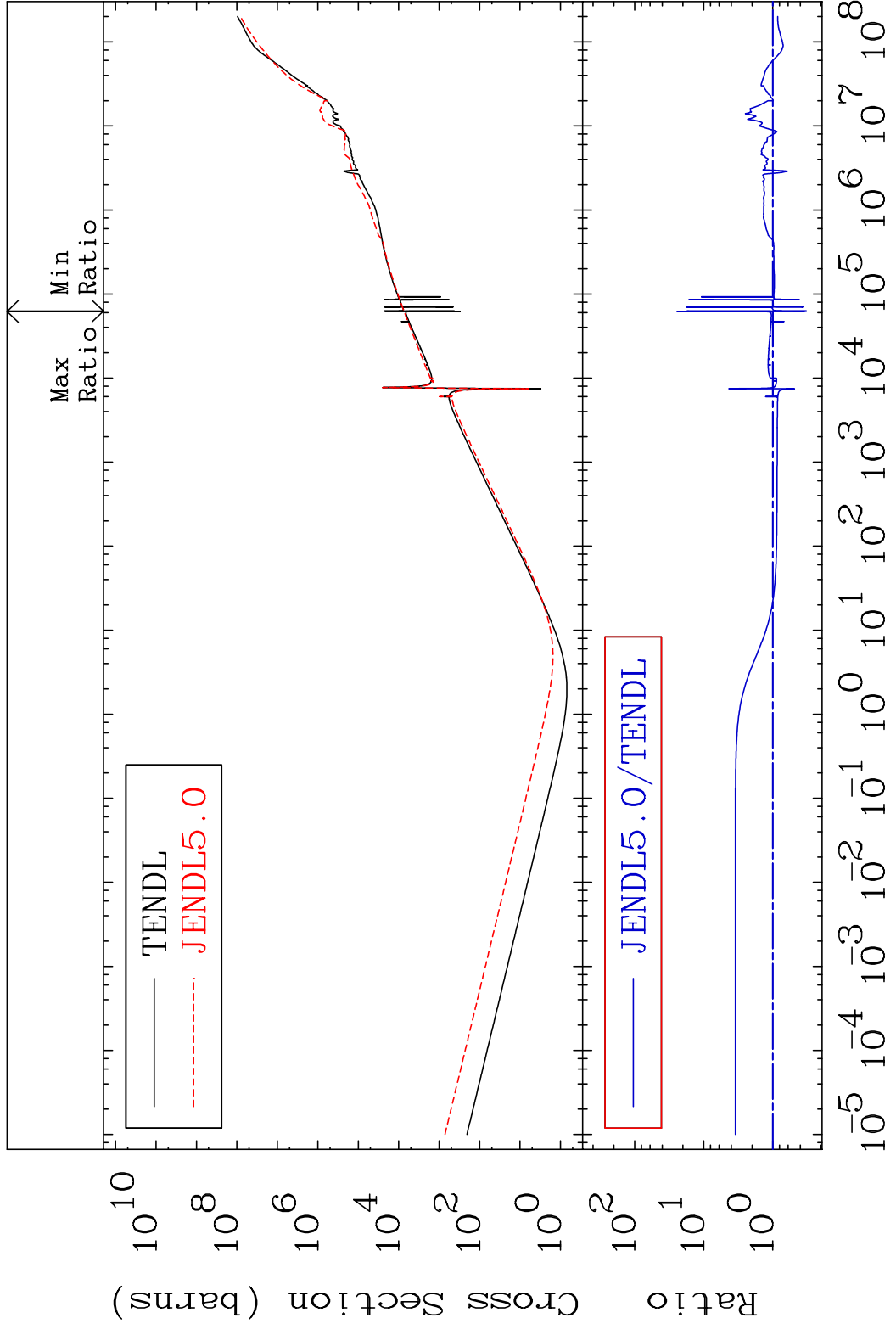


52

Incident Energy (eV)

80-Hg-204

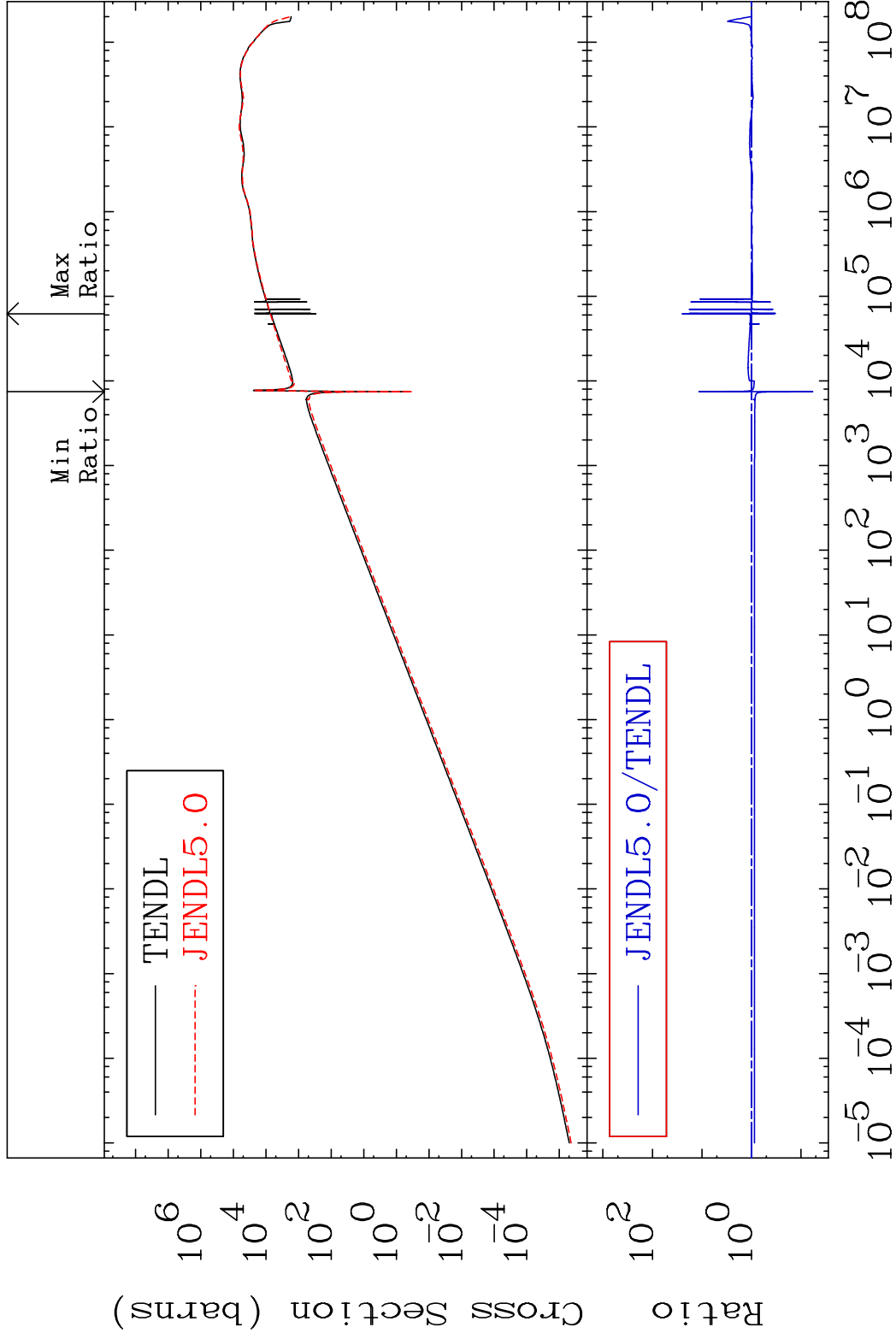
MAT 8049 Kerma total (eV-barns) 80-Hg-204
 Cross Section -67.34 To 2327. %



MAT 8049

Kerma elastic
Cross Section

80-Hg-204
-94.17 To 2385. %

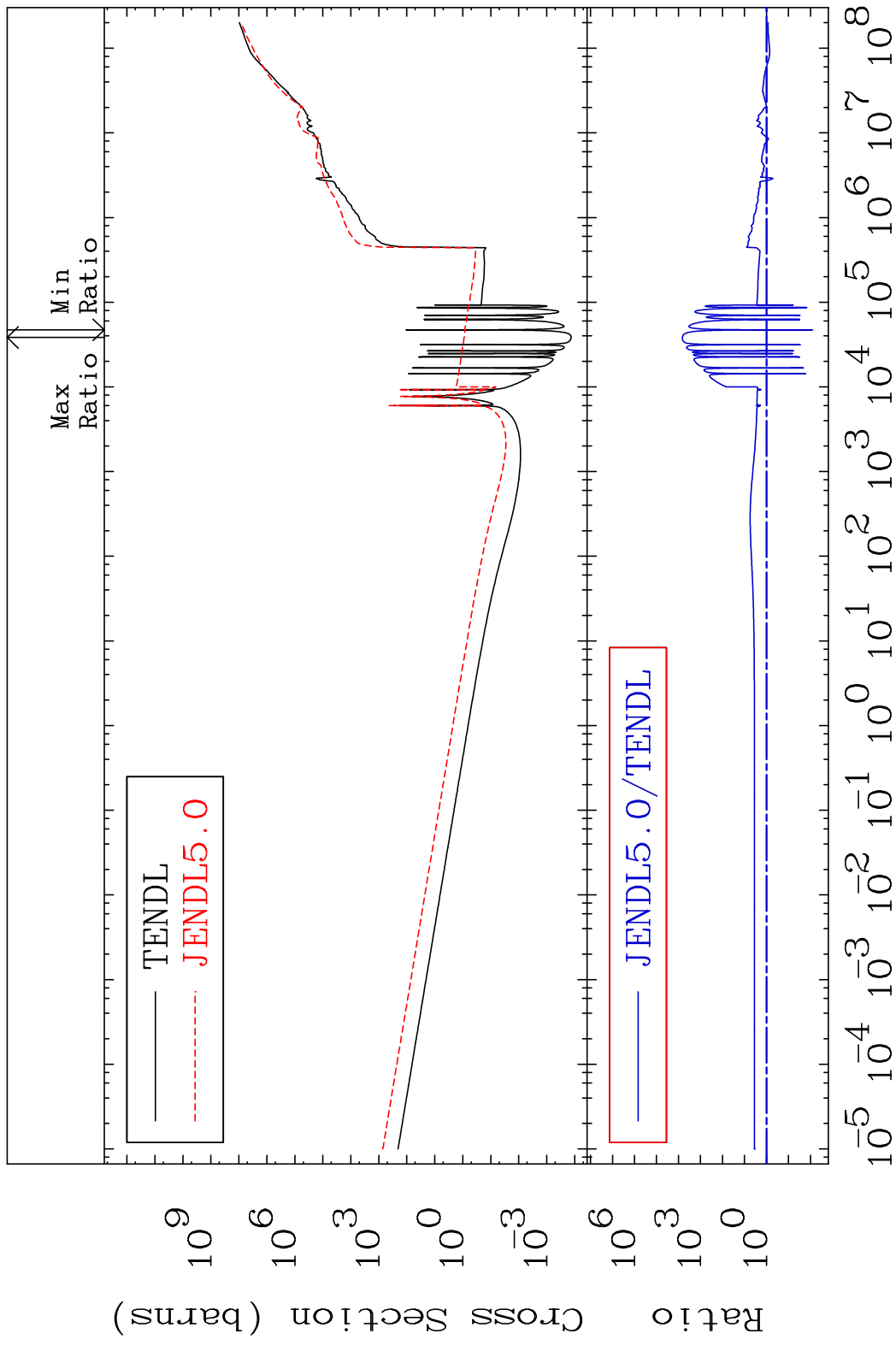


54

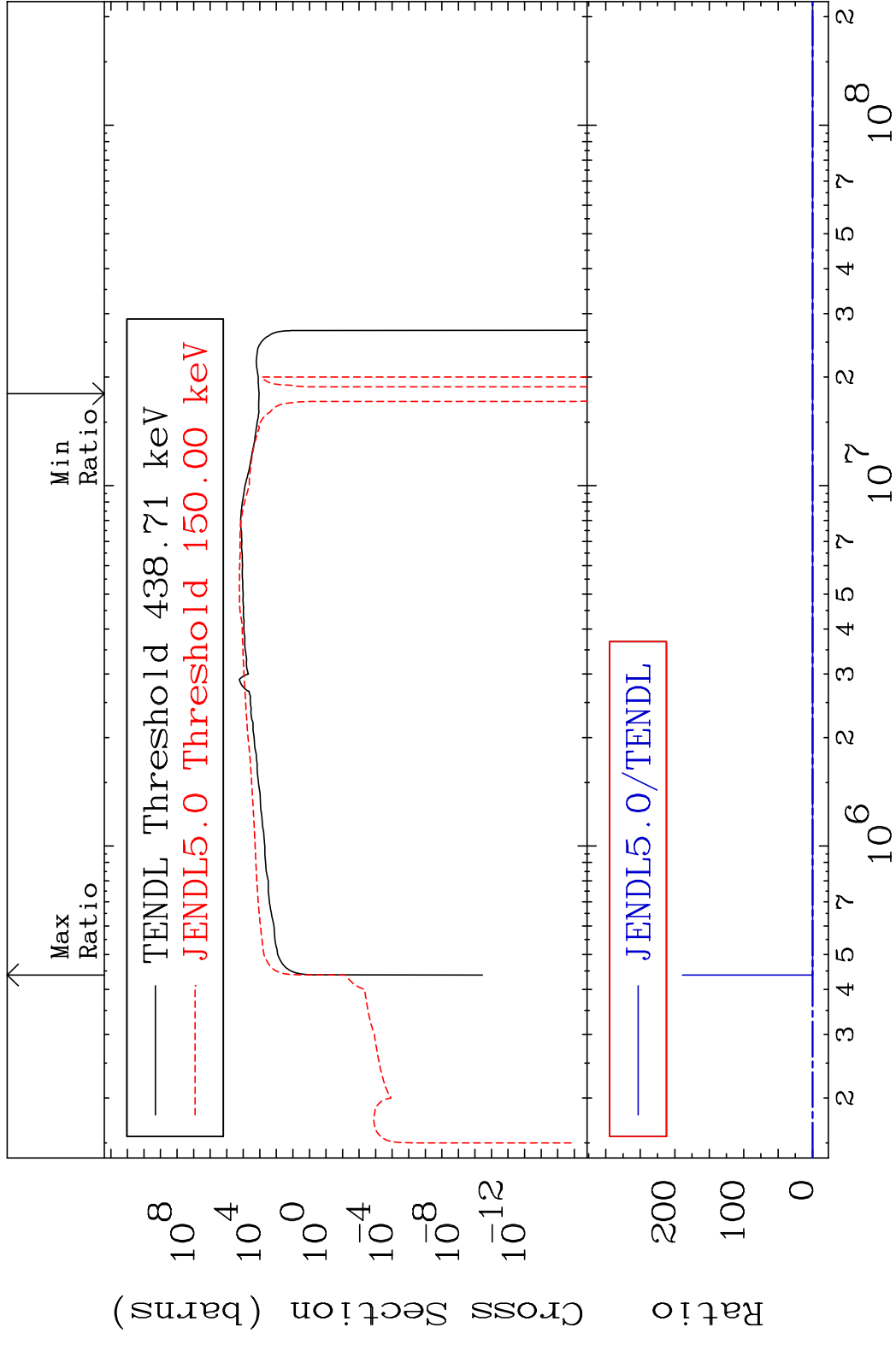
Incident Energy (eV)

80-Hg-204

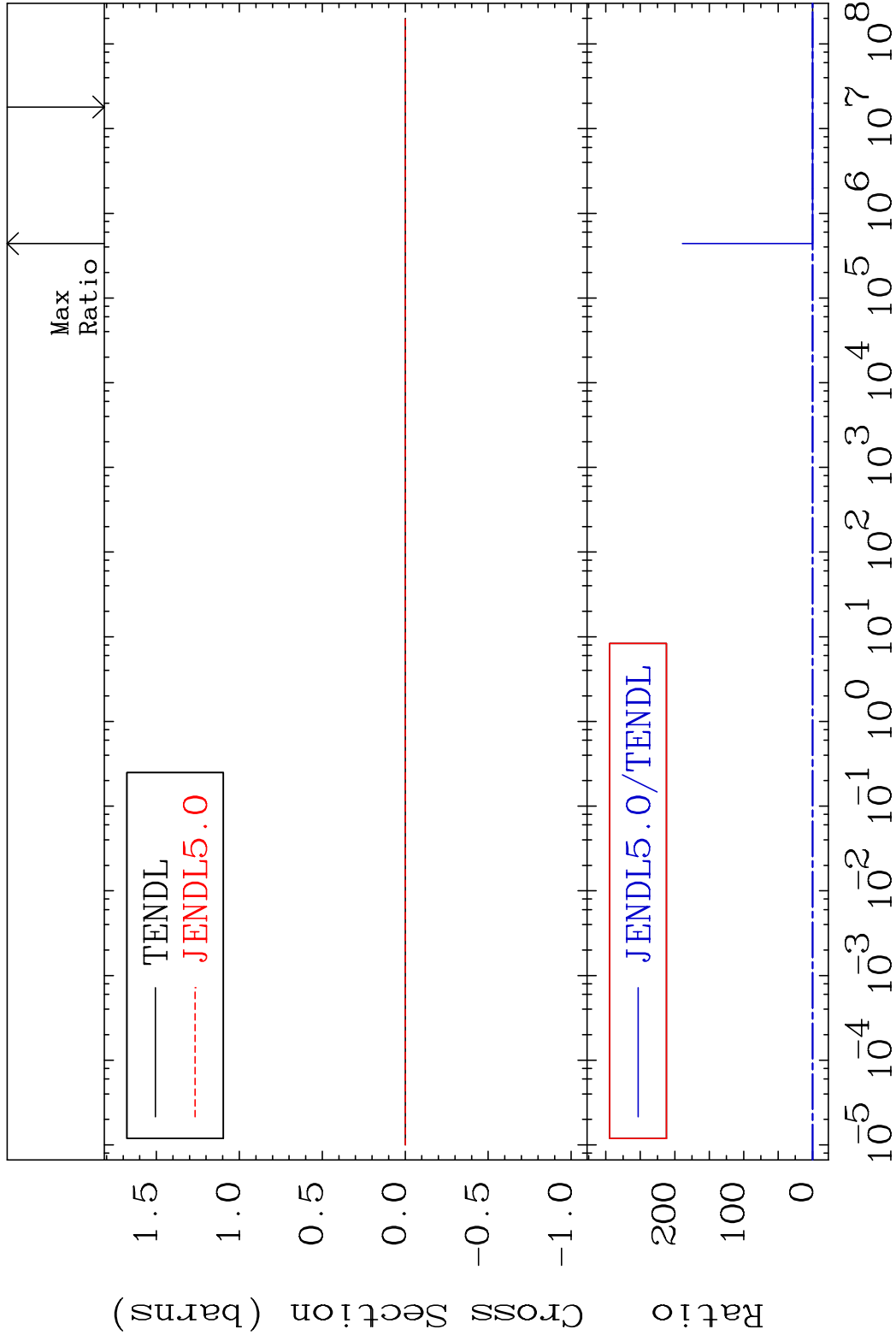
MAT 8049 Kerma non-elastic (all but mt2) 80-Hg-204
 Cross Section -99.20 To 9999. %



MAT 8049 Kerma inelastic (mt51-91) 80-Hg-204
 Cross Section -104.7 To 9999. %



MAT 8049 Kerma fission (mt18 or mt19-20-21-38) 80-Hg-204
 Cross Section -104.7 To 9999. %

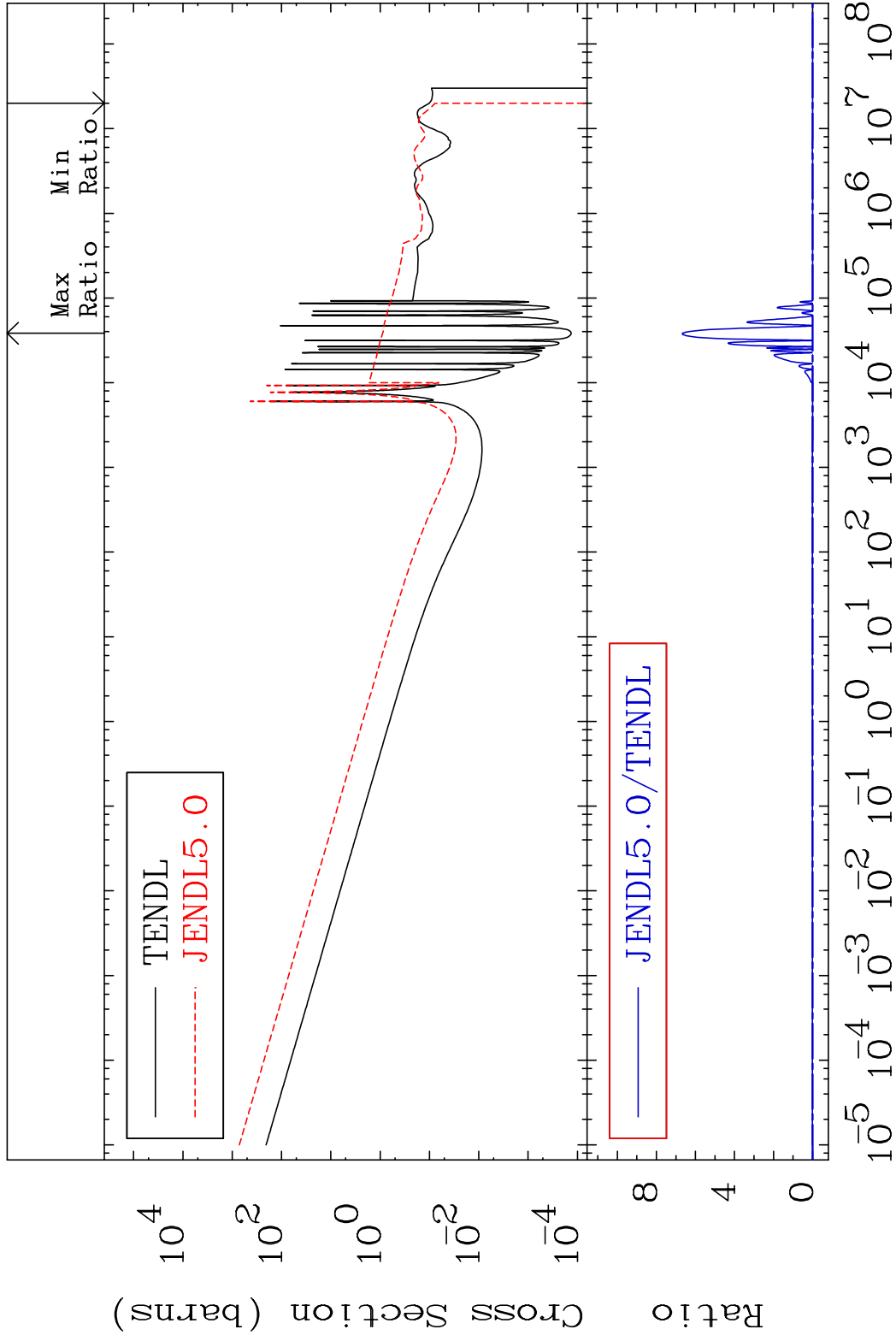


MAT 8049

Kerma capture (mt102)

80-Hg-204

Cross Section -100.0 To 9999. %

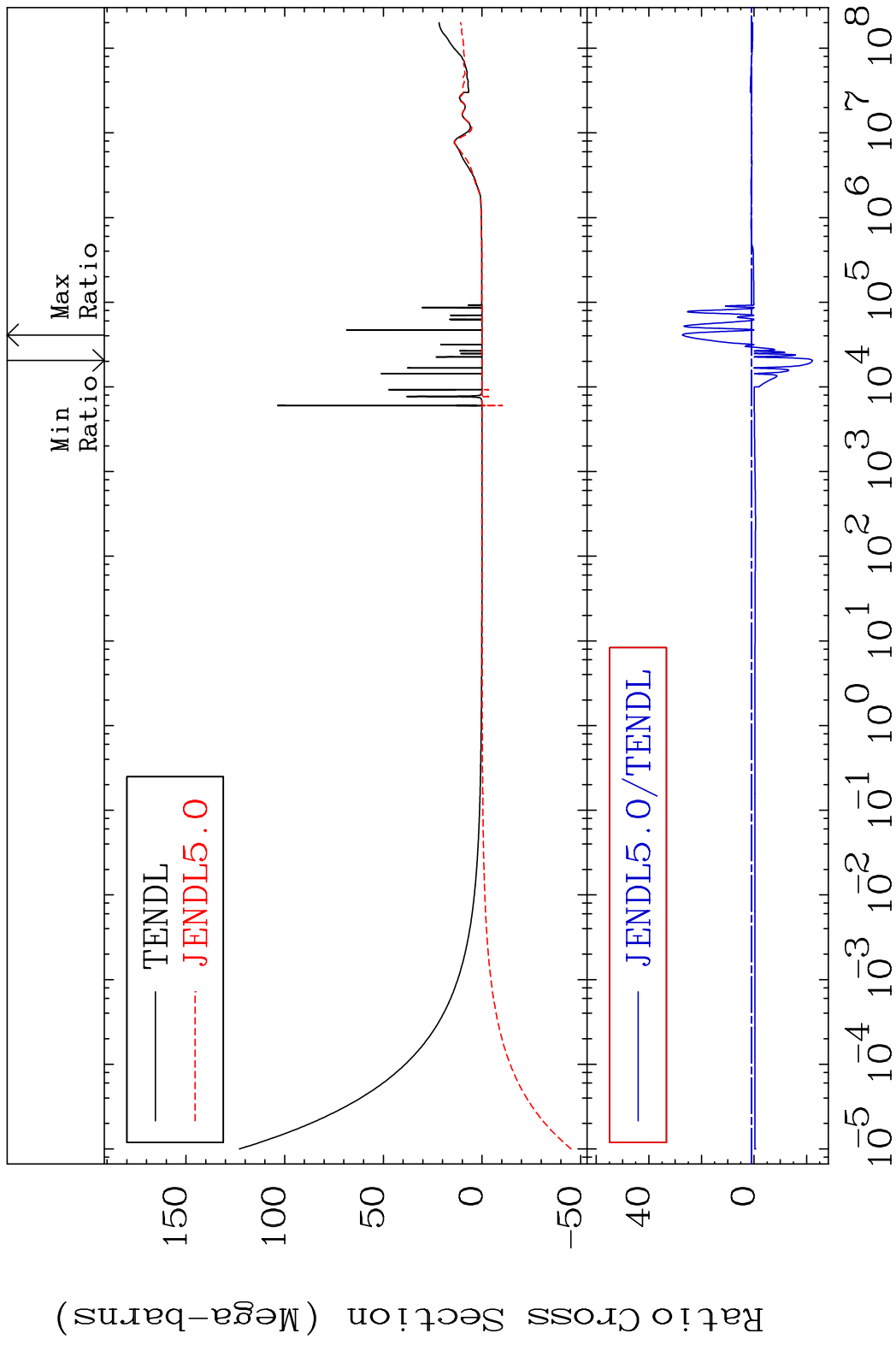


58

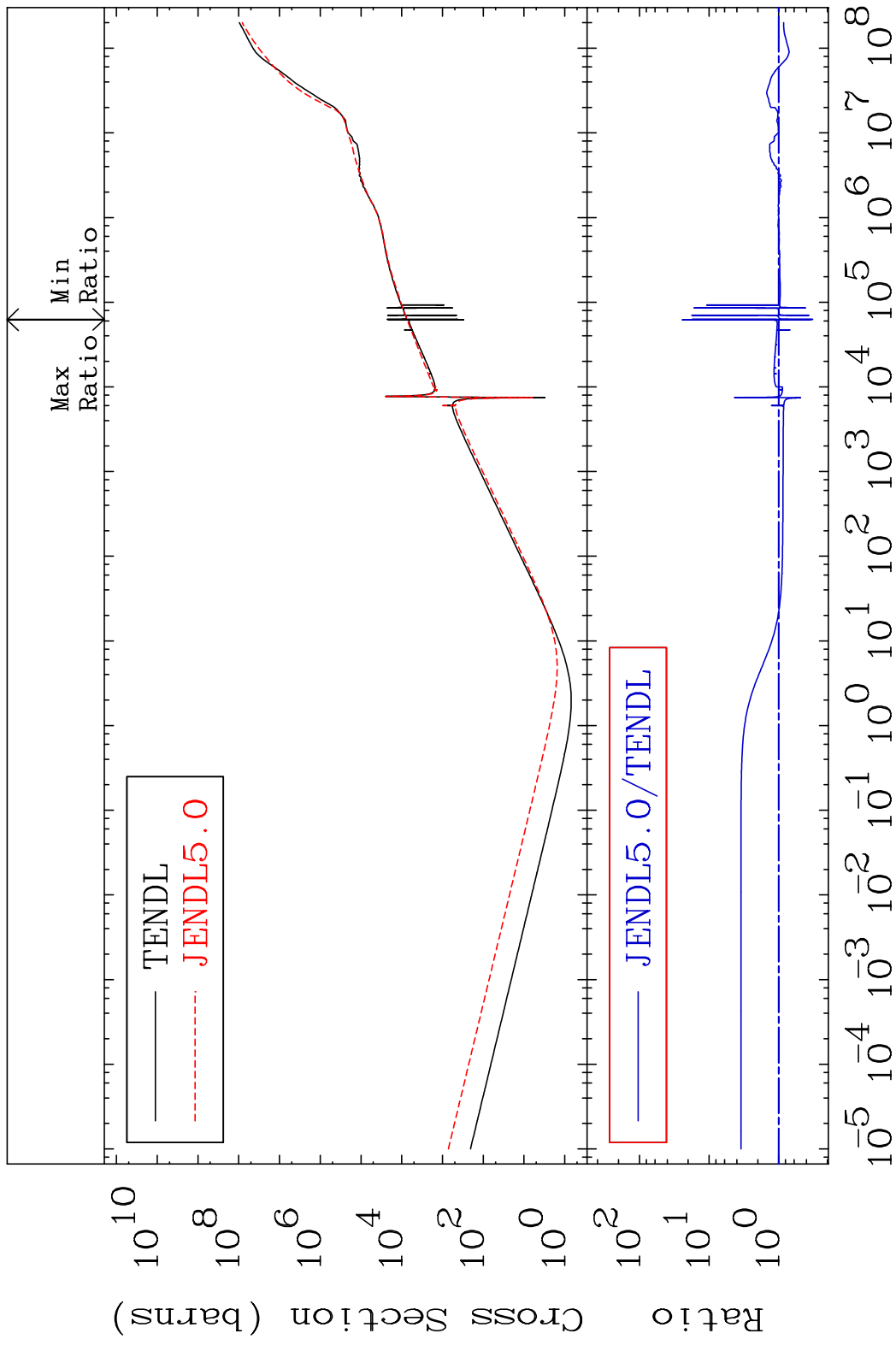
Incident Energy (eV)

80-Hg-204

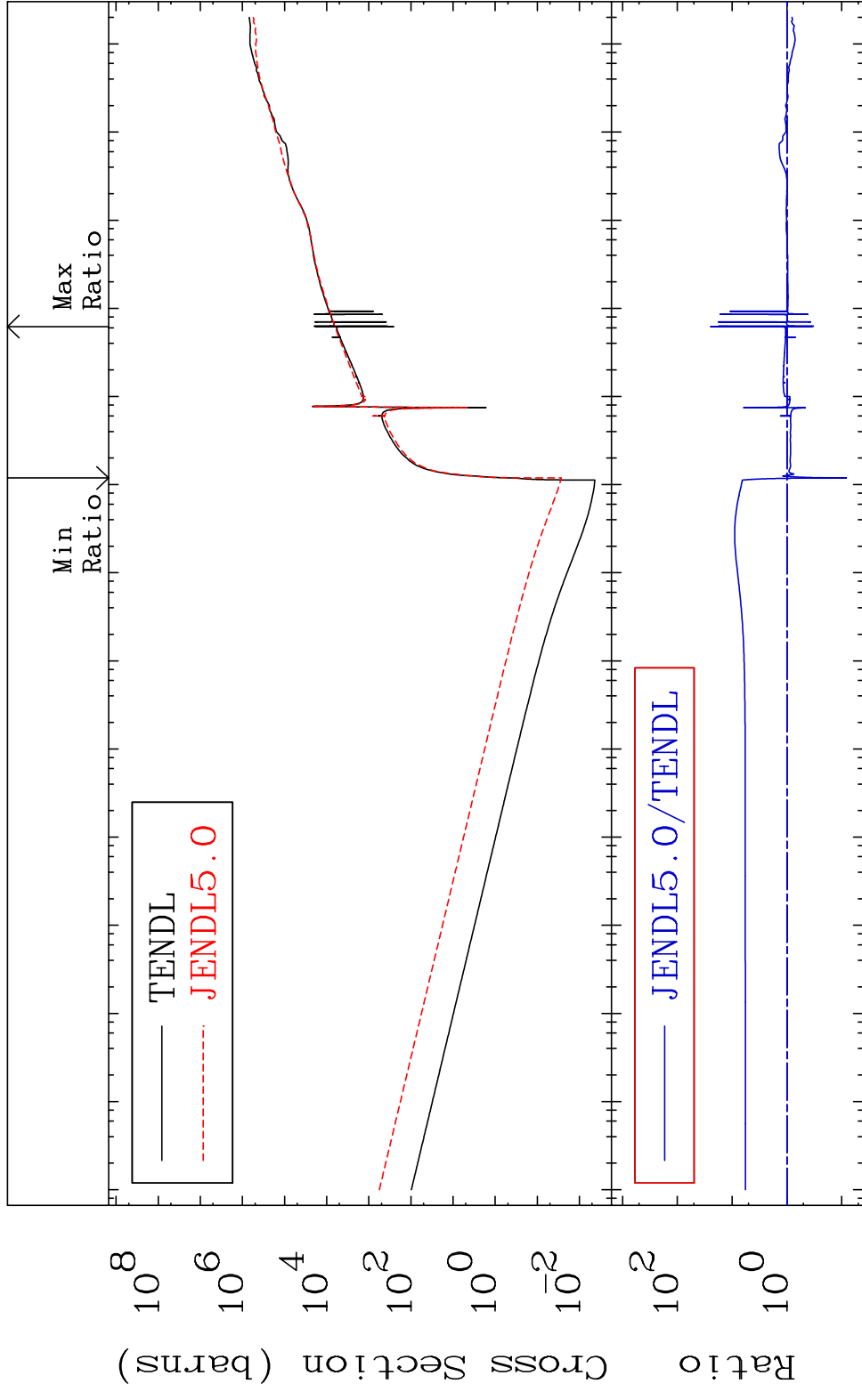
MAT 8049 Total photon (eV-barns) 80-Hg-204
 Cross Section -2327. To 2626. %



MAT 8049 Total kinematic kerma (high limit) 80-Hg-204
Cross Section -67.34 To 2327. %



MAT 8049 Dpa total (eV-barns) 80-Hg-204
 Cross Section -91.78 To 2360. %



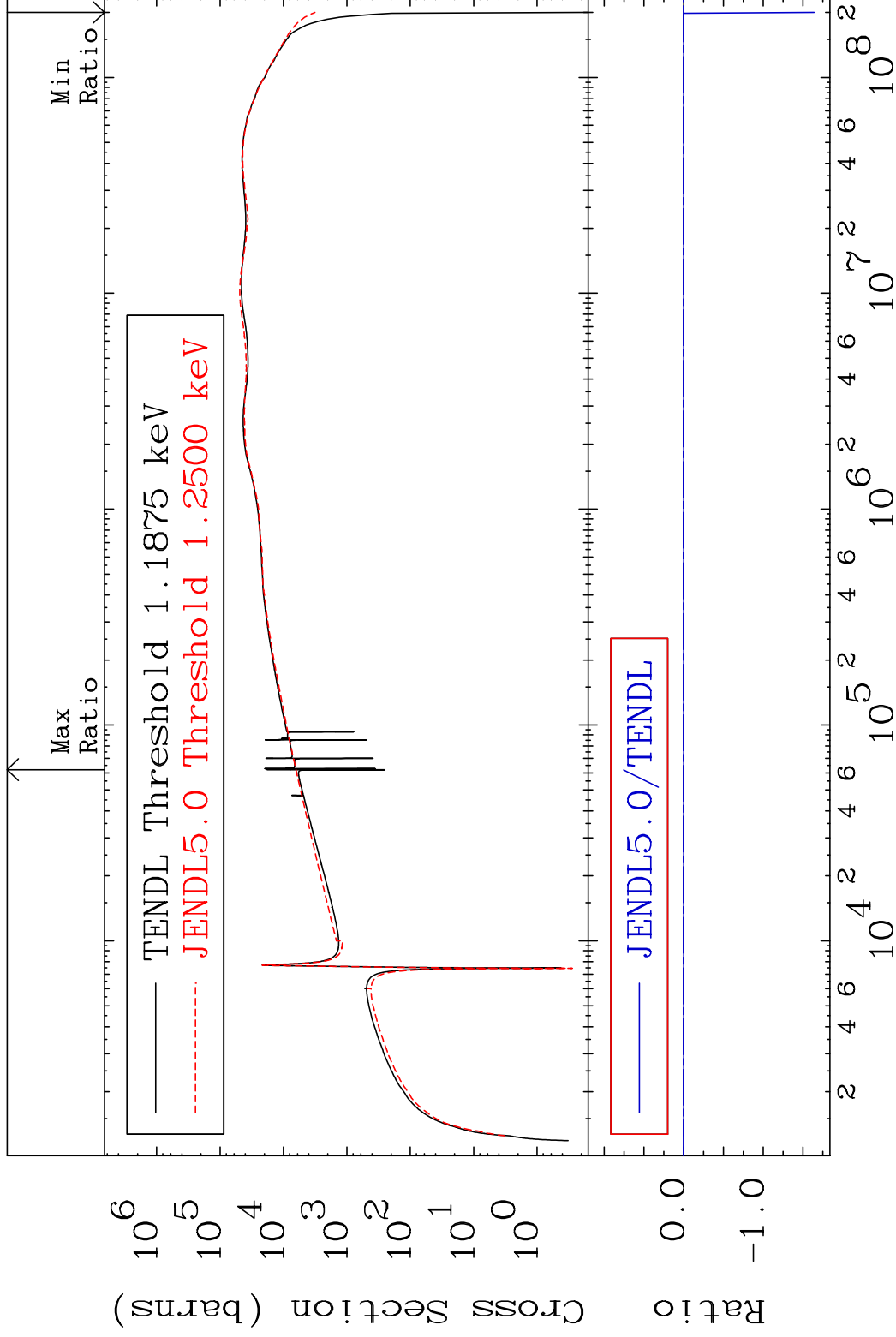
61 Incident Energy (eV) 80-Hg-204

MAT 8049

Dpa elastic (mt2)

80-Hg-204

Cross Section -9999. To 2385. %

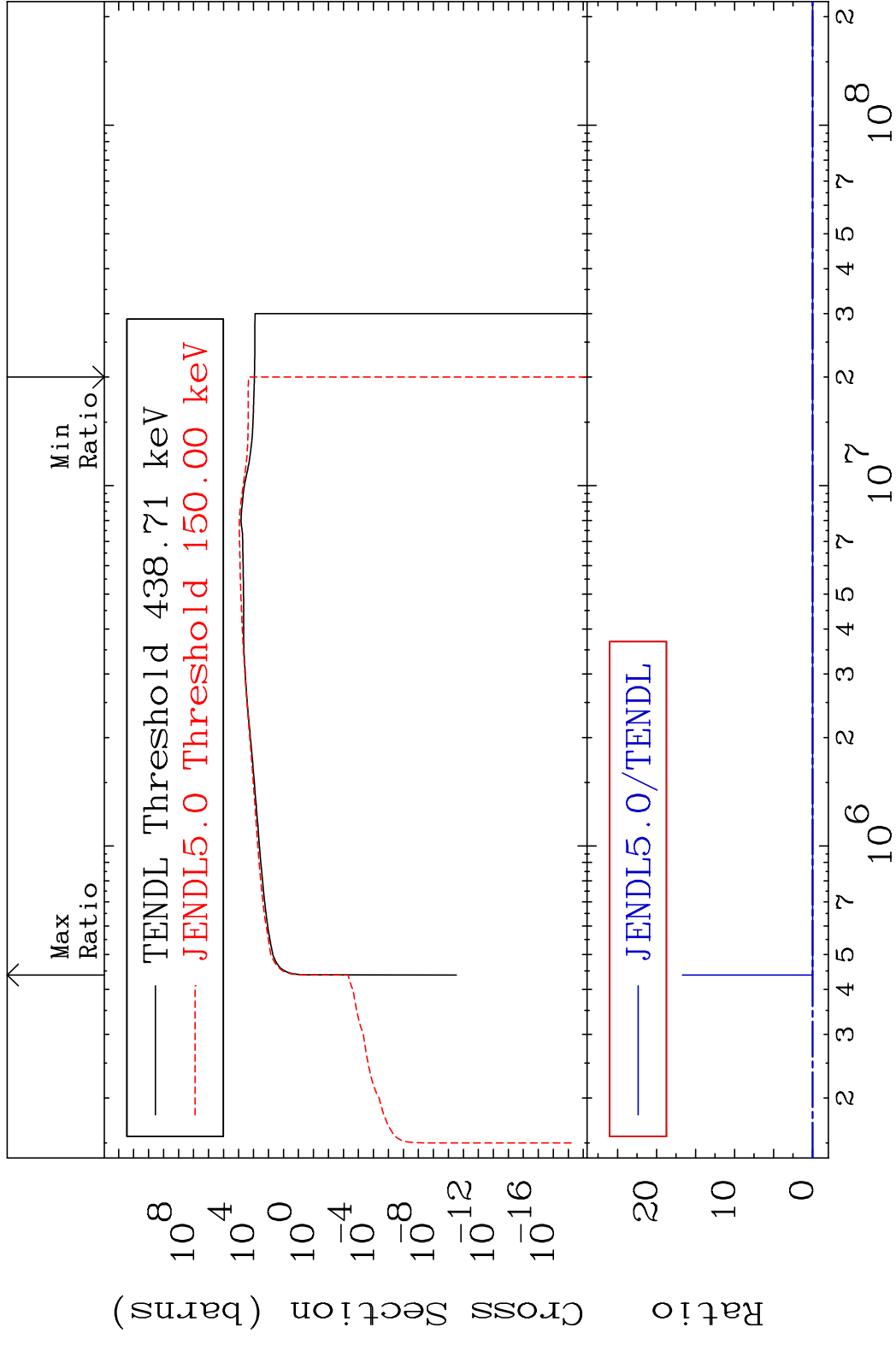


62

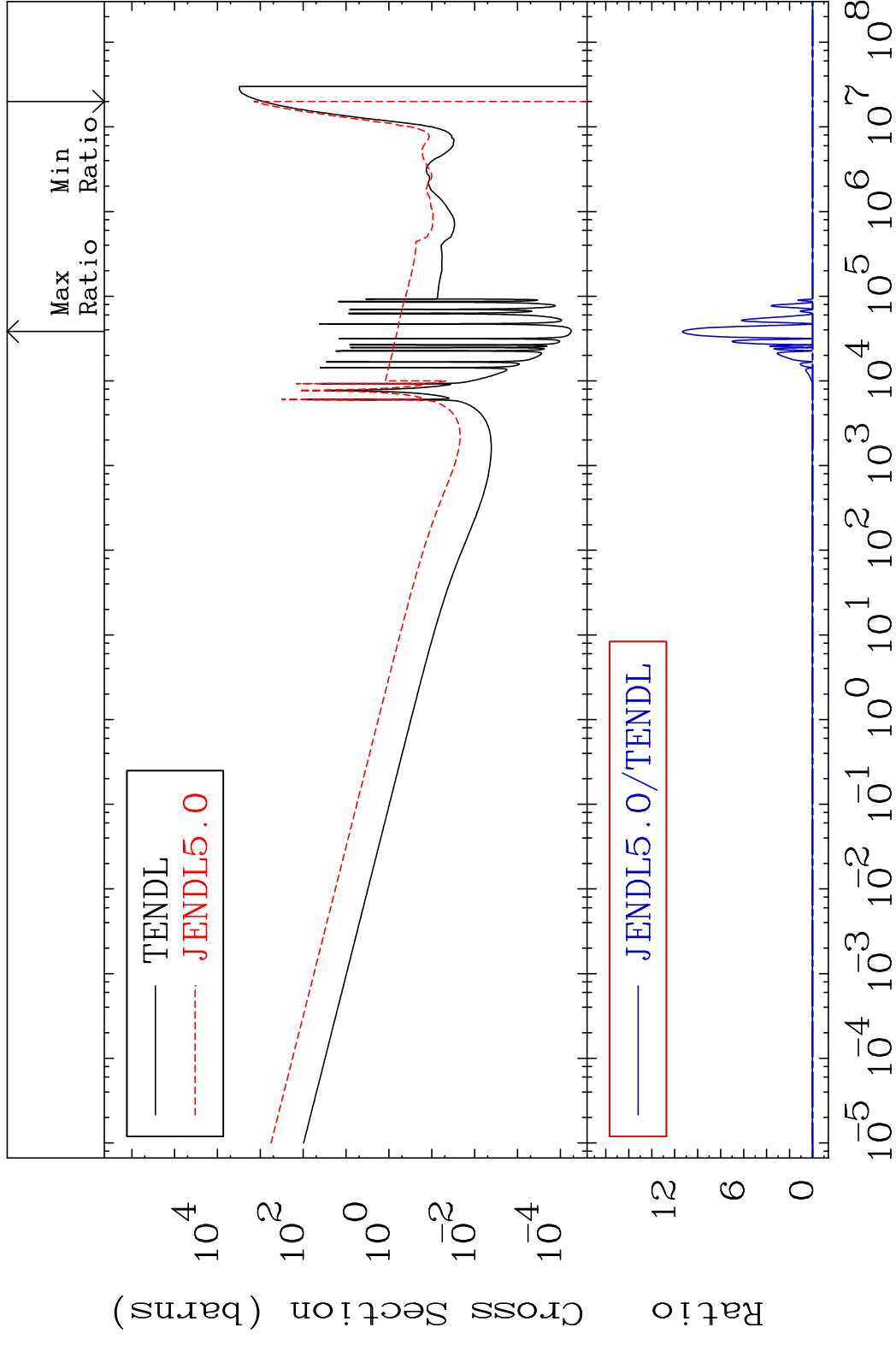
Incident Energy (eV)

80-Hg-204

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



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



64 Incident Energy (eV) 80-Hg-204