

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

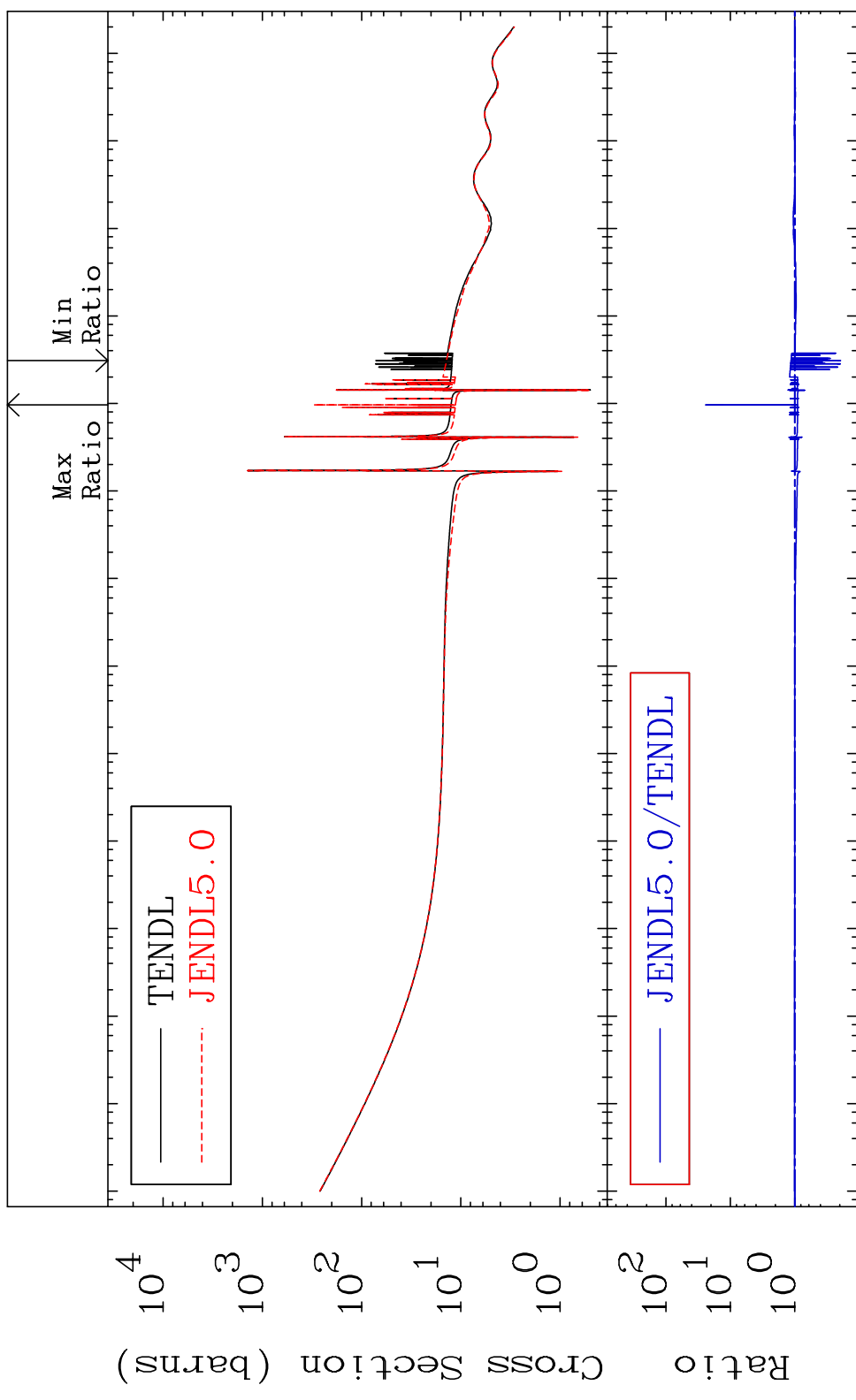
MAT 8043

Total

80-Hg-202

Cross Section

-80.51 To 2306. %



1

Incident Energy (eV)

80-Hg-202

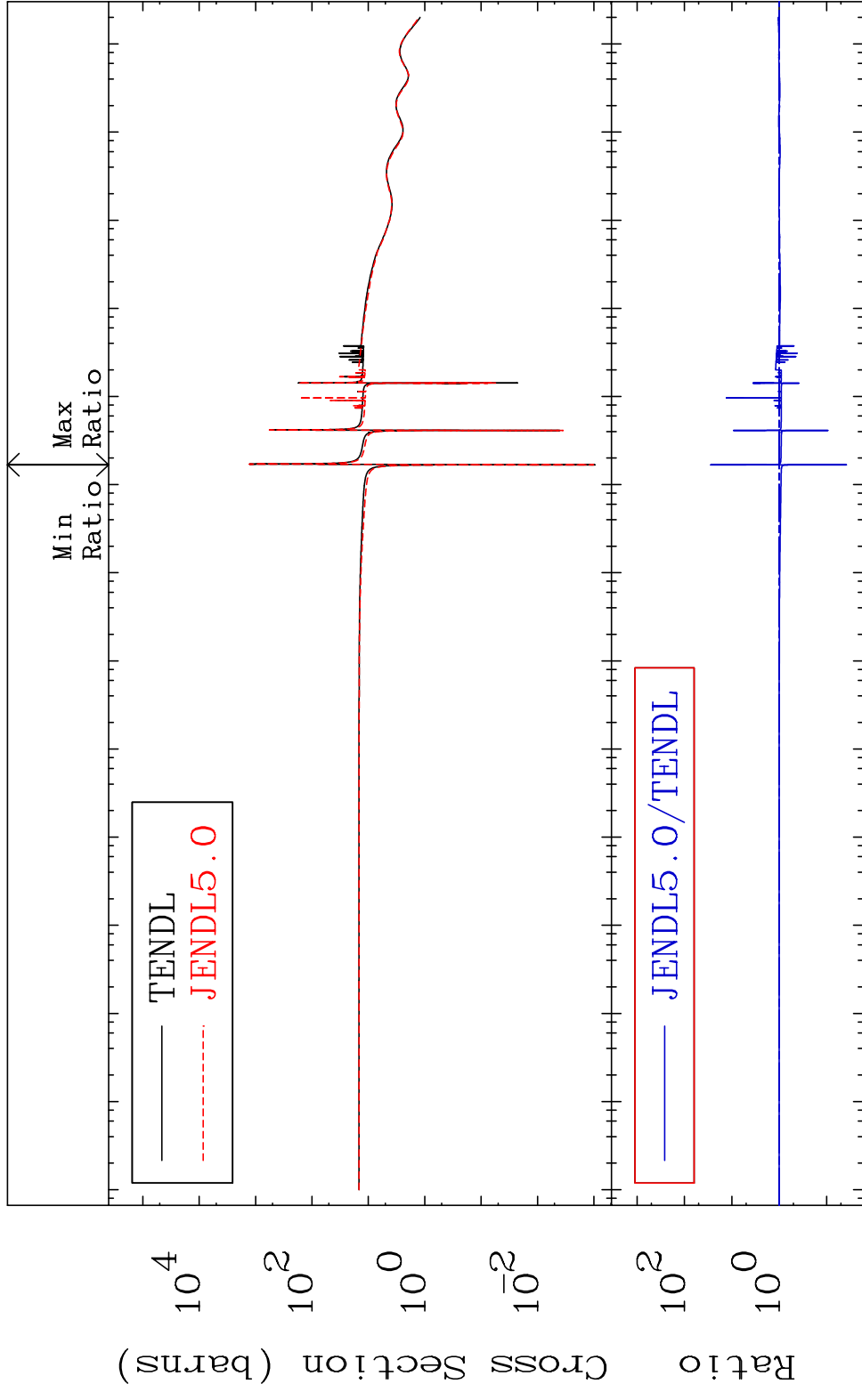
MAT 8043

Elastic

80-Hg-202

Cross Section

-96.17 To 2694. %



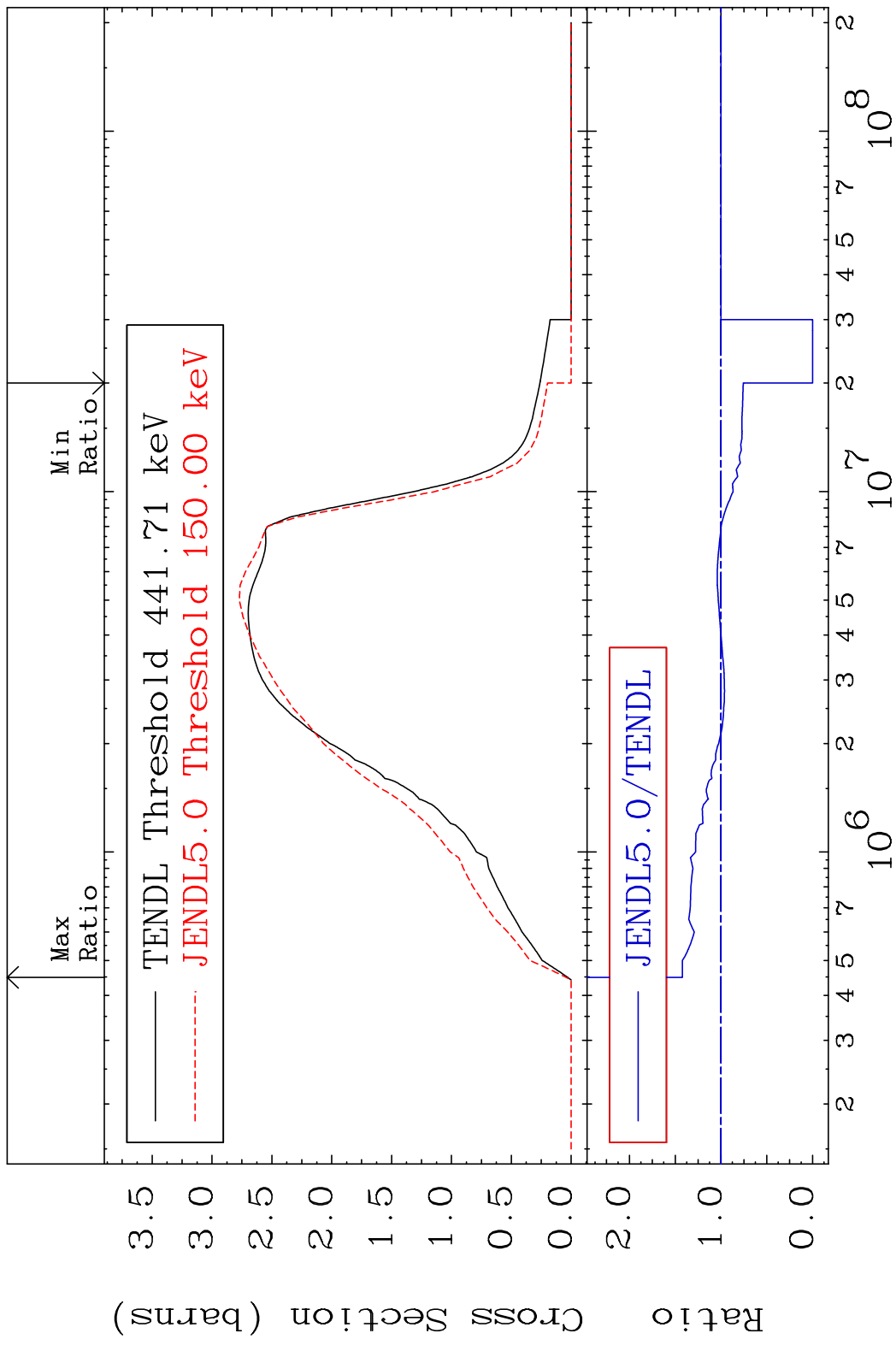
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

2

Incident Energy (eV)

80-Hg-202

MAT 8043 Inelastic Cross Section -100.0 To 42.20 % 80-Hg-202



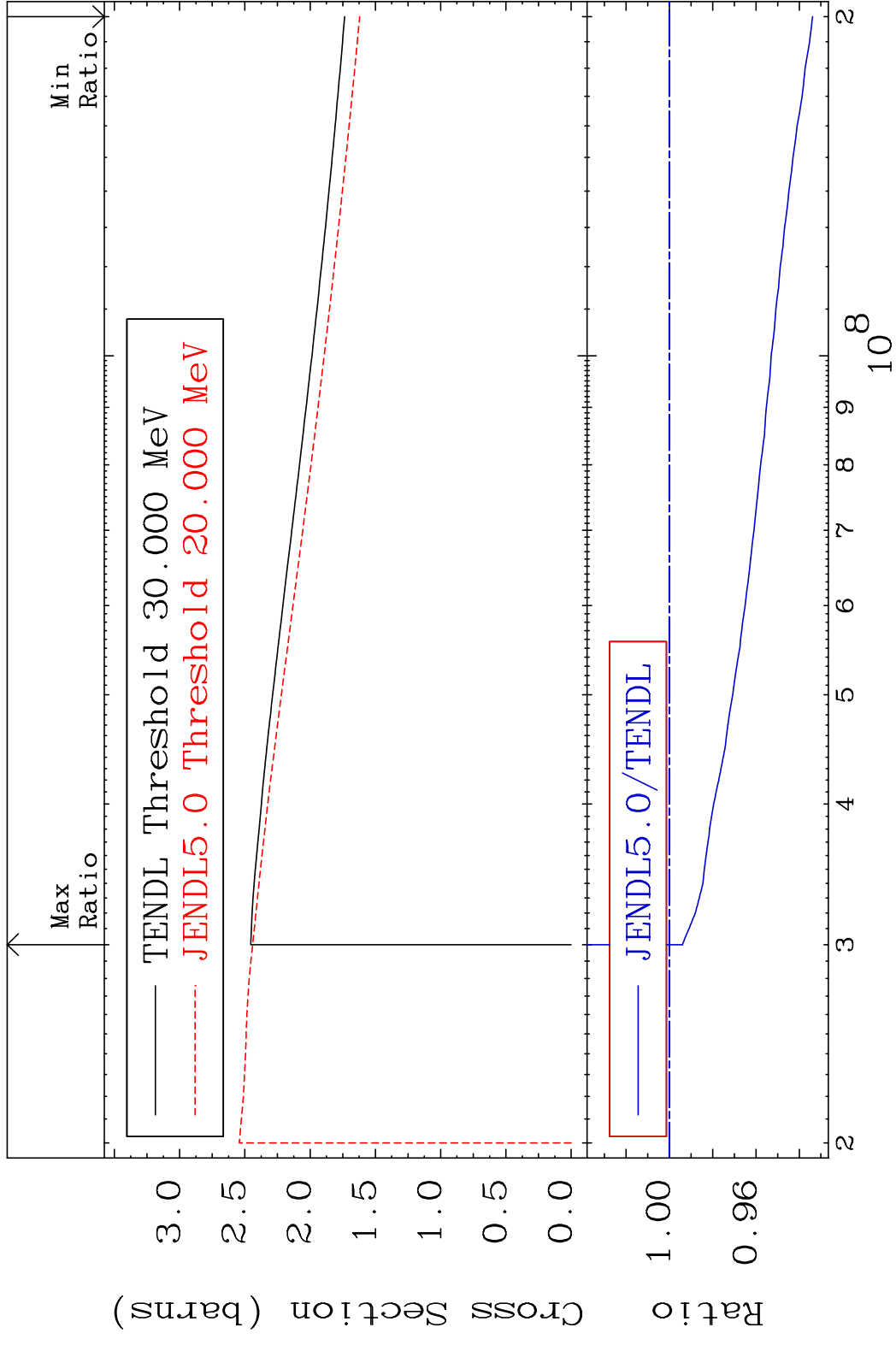
MAT 8043

(n, remainder)

80-Hg-202

Cross Section

-6.614 To -0.601%



4

Incident Energy (eV)

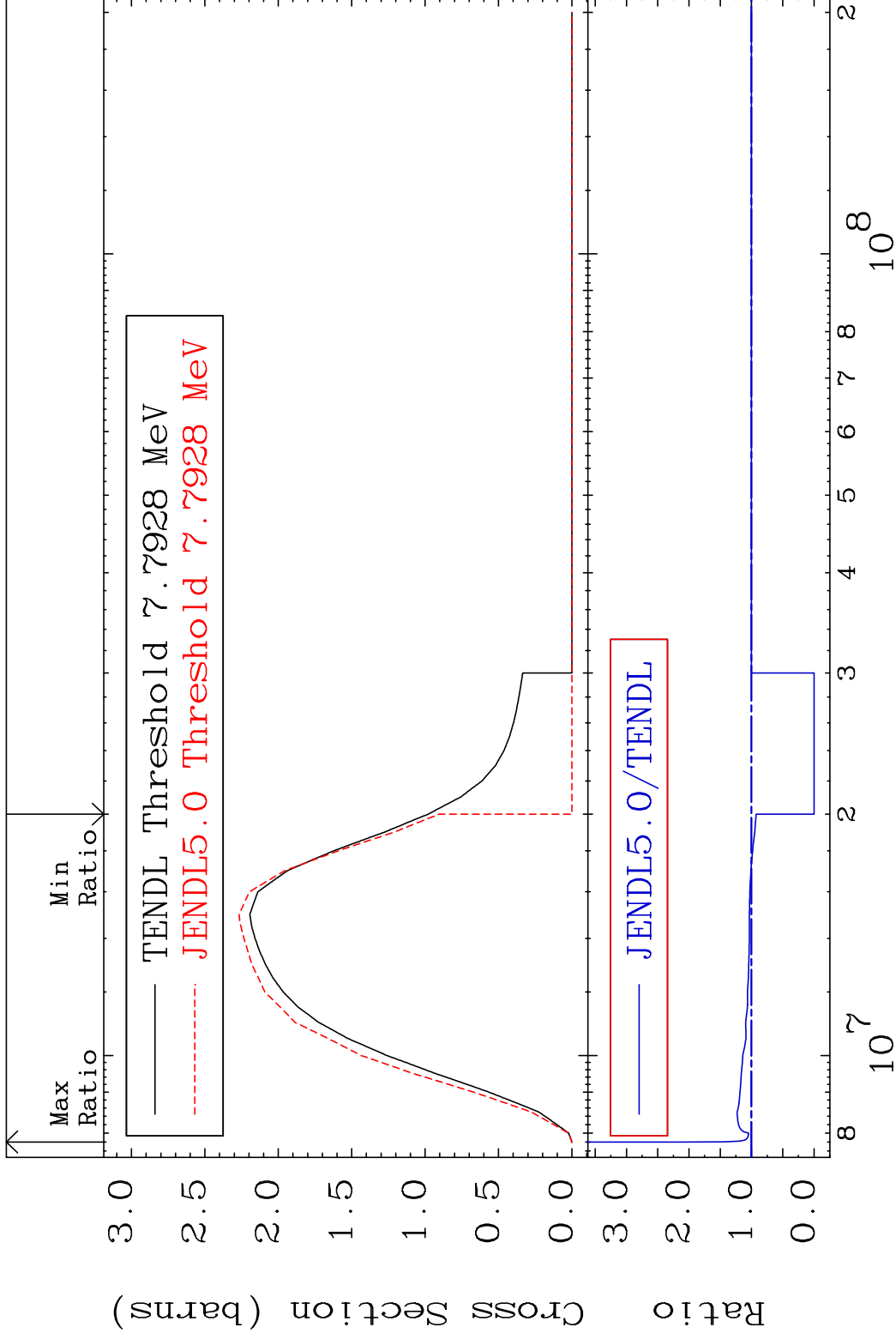
80-Hg-202

MAT 8043

(n,2n)

80-Hg-202

Cross Section -100.0 To 108.8 %

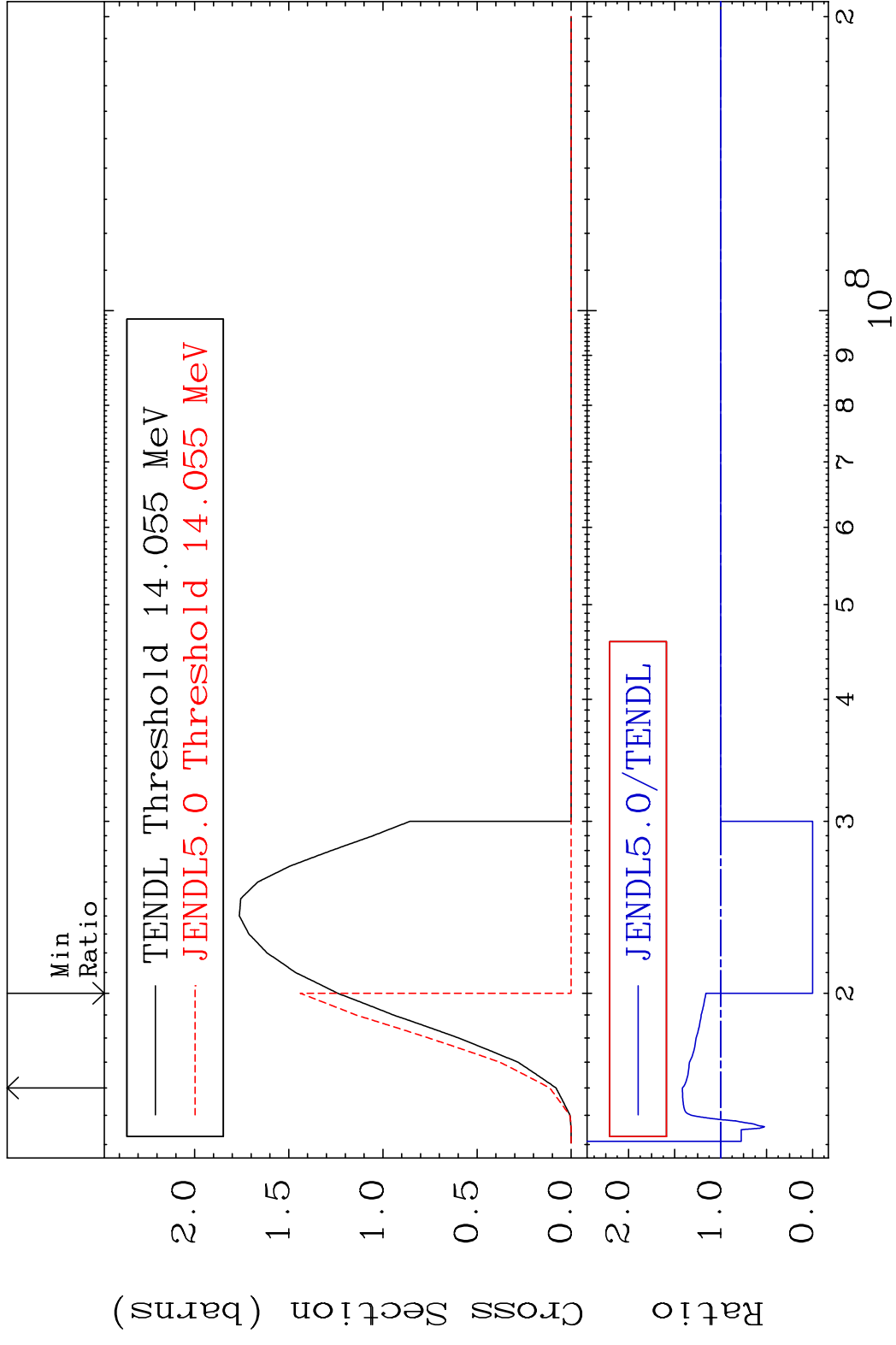


5

Incident Energy (eV)

80-Hg-202

MAT 8043 (n,3n) 80-Hg-202
 Cross Section -100.0 To 41.59 %

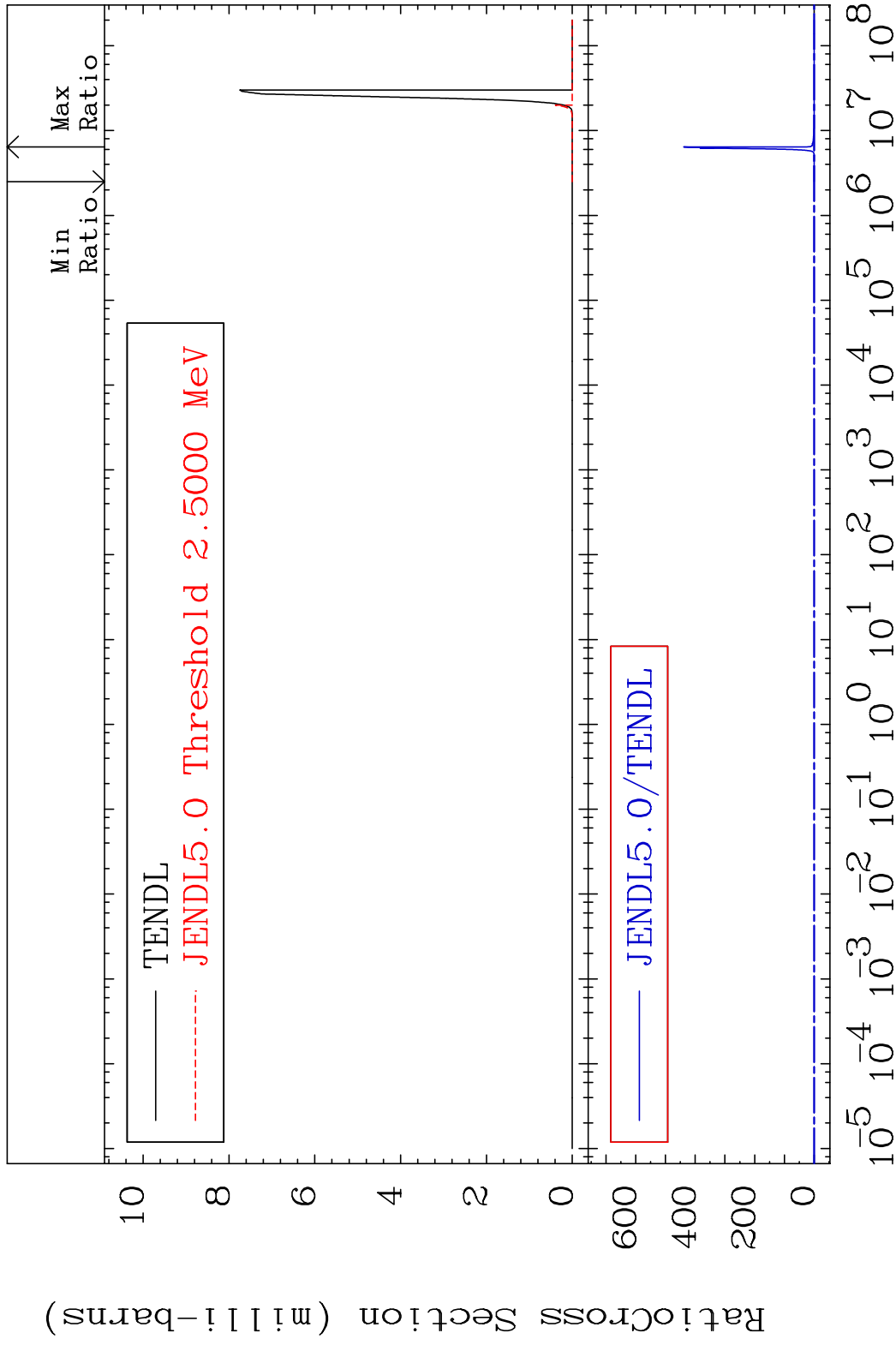


MAT 8043

(n, n') α

80-Hg-202

Cross Section -100.0 To 9999. %

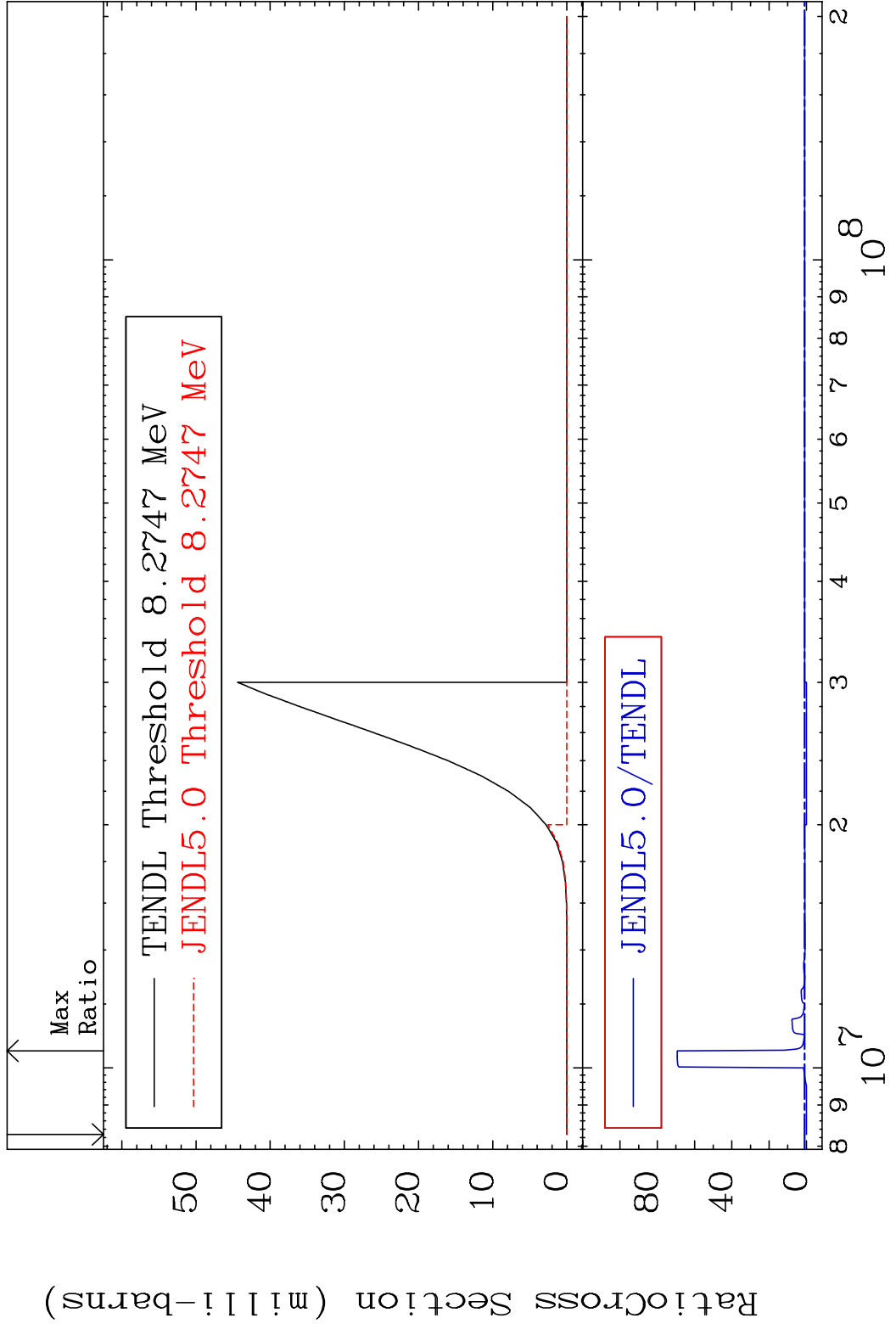


7

Incident Energy (eV)

80-Hg-202

MAT 8043 (n, n') p 80-Hg-202
 Cross Section -100.0 To 6835. %

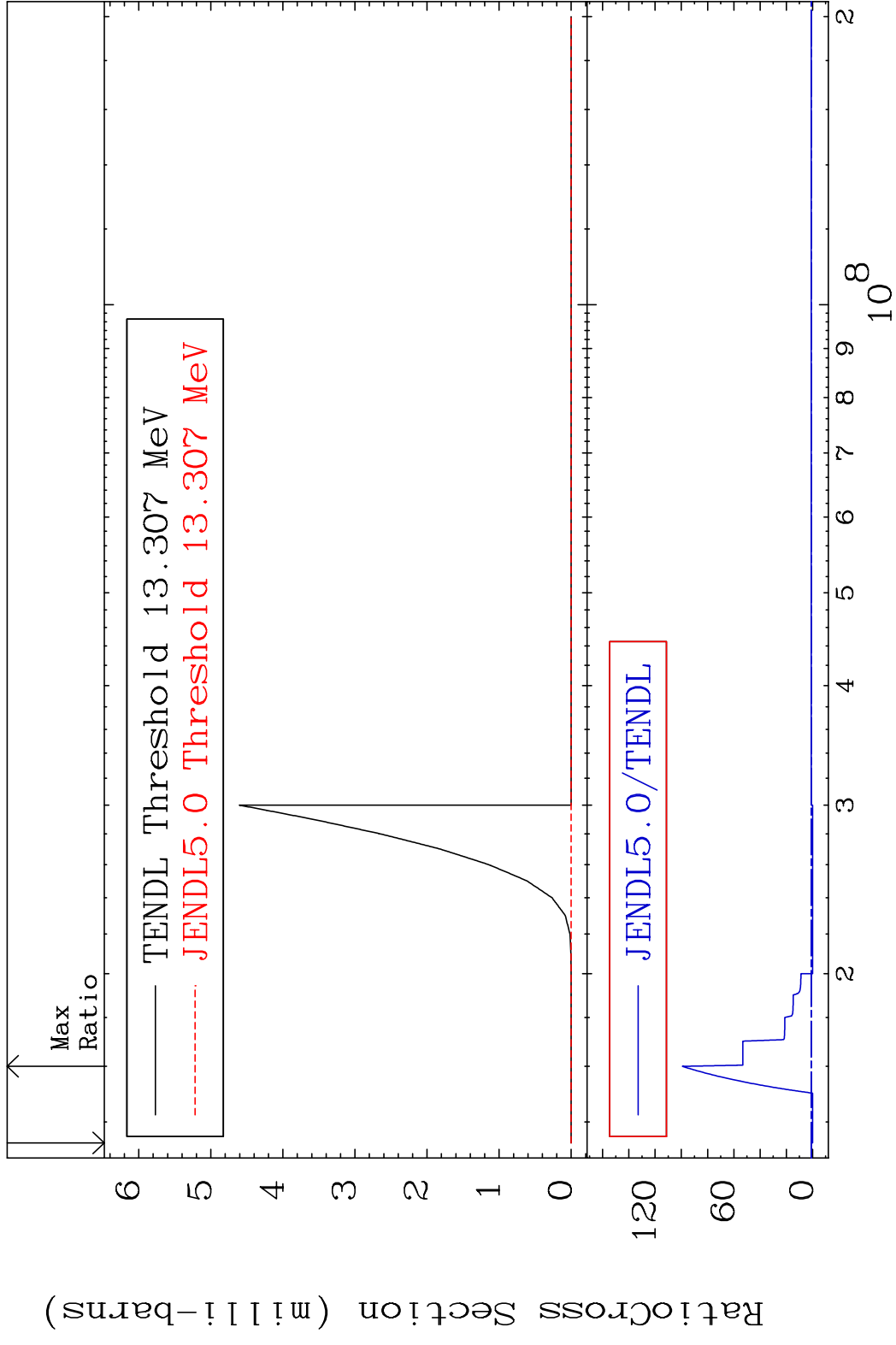


MAT 8043

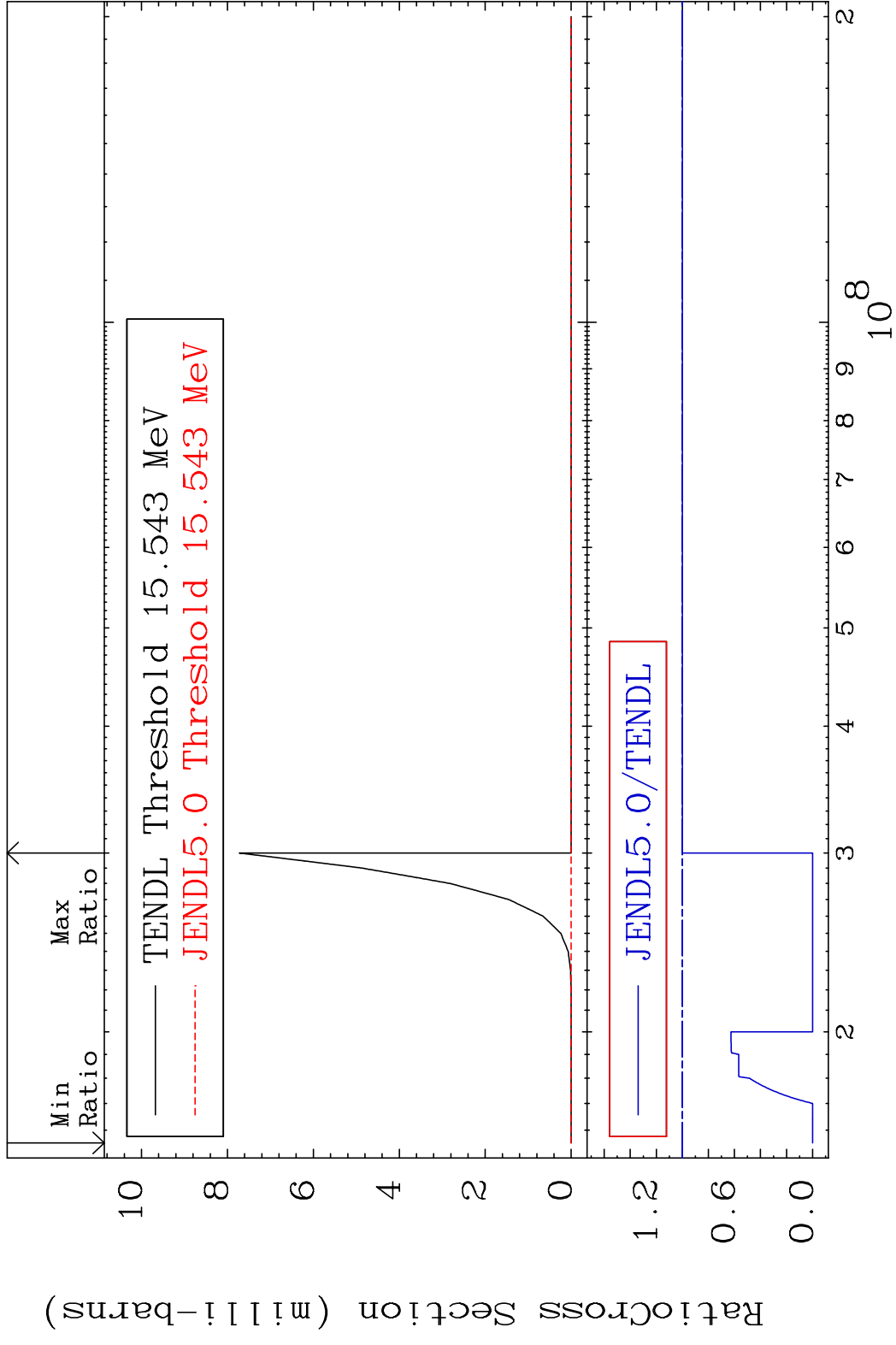
(n, n') d

80-Hg-202

Cross Section -100.0 To 9823. %

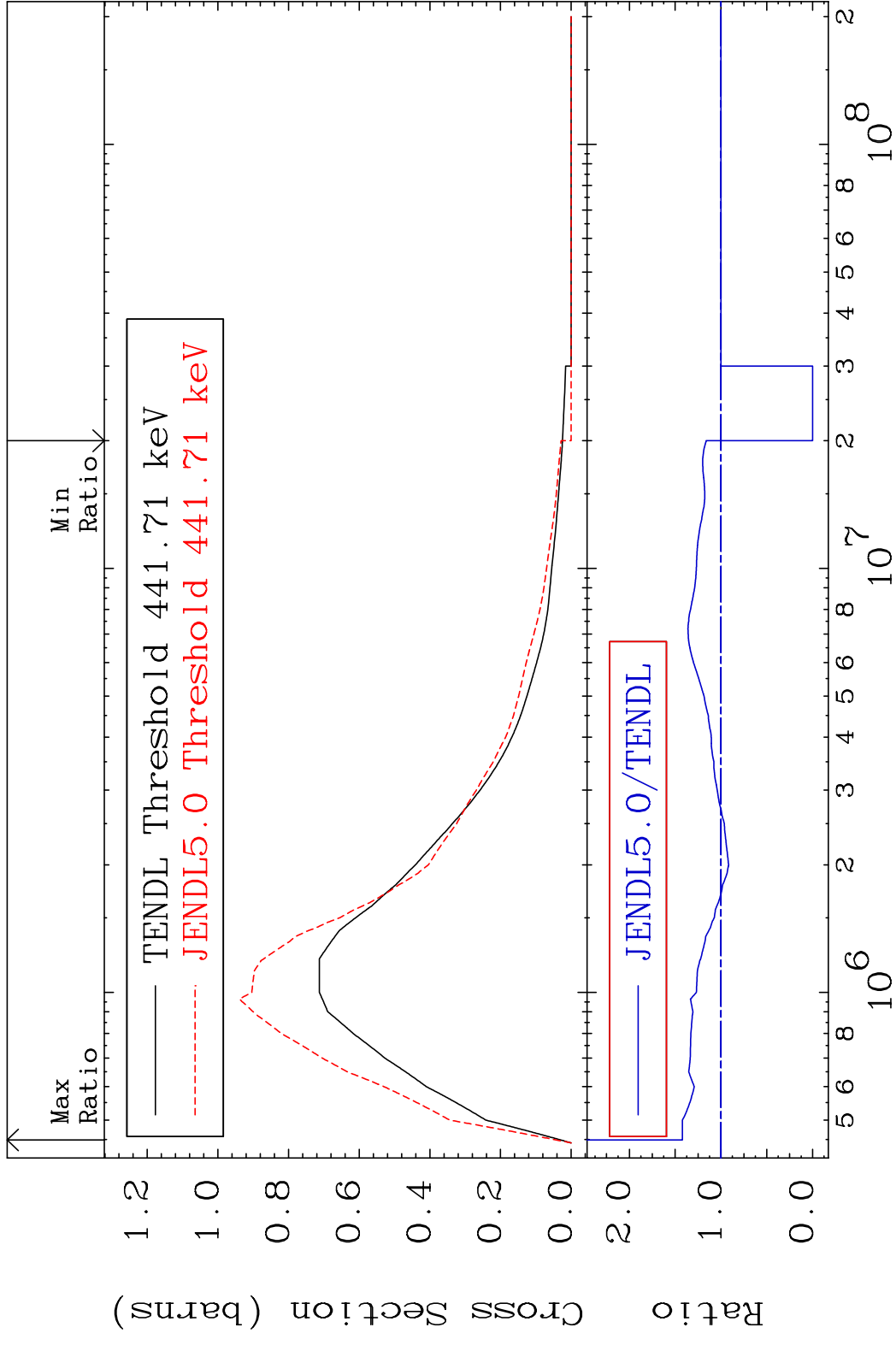


MAT 8043 (n,2n) p 80-Hg-202
 Cross Section -100.0 To 0.000 %

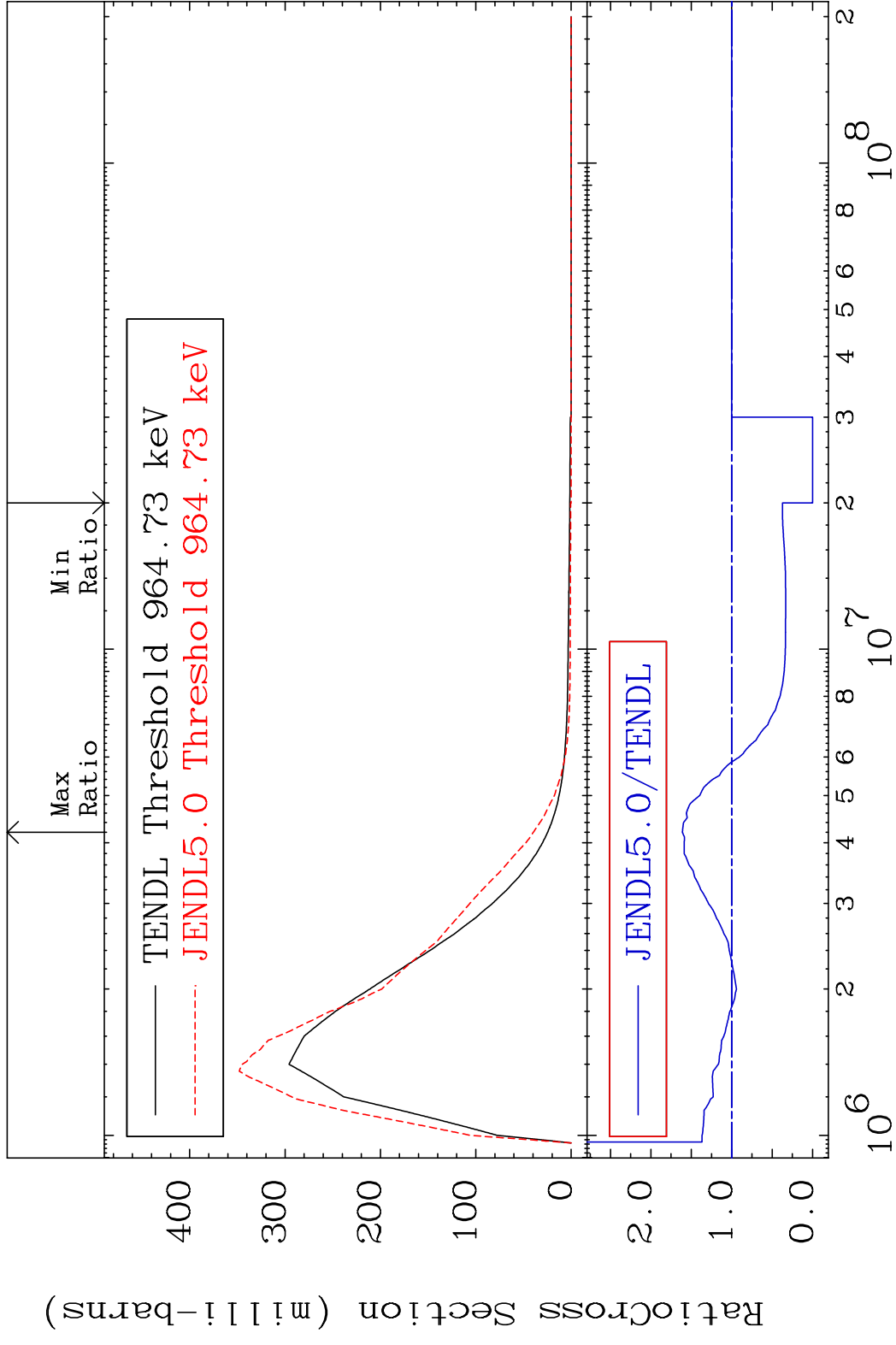


10 Incident Energy (eV) 80-Hg-202

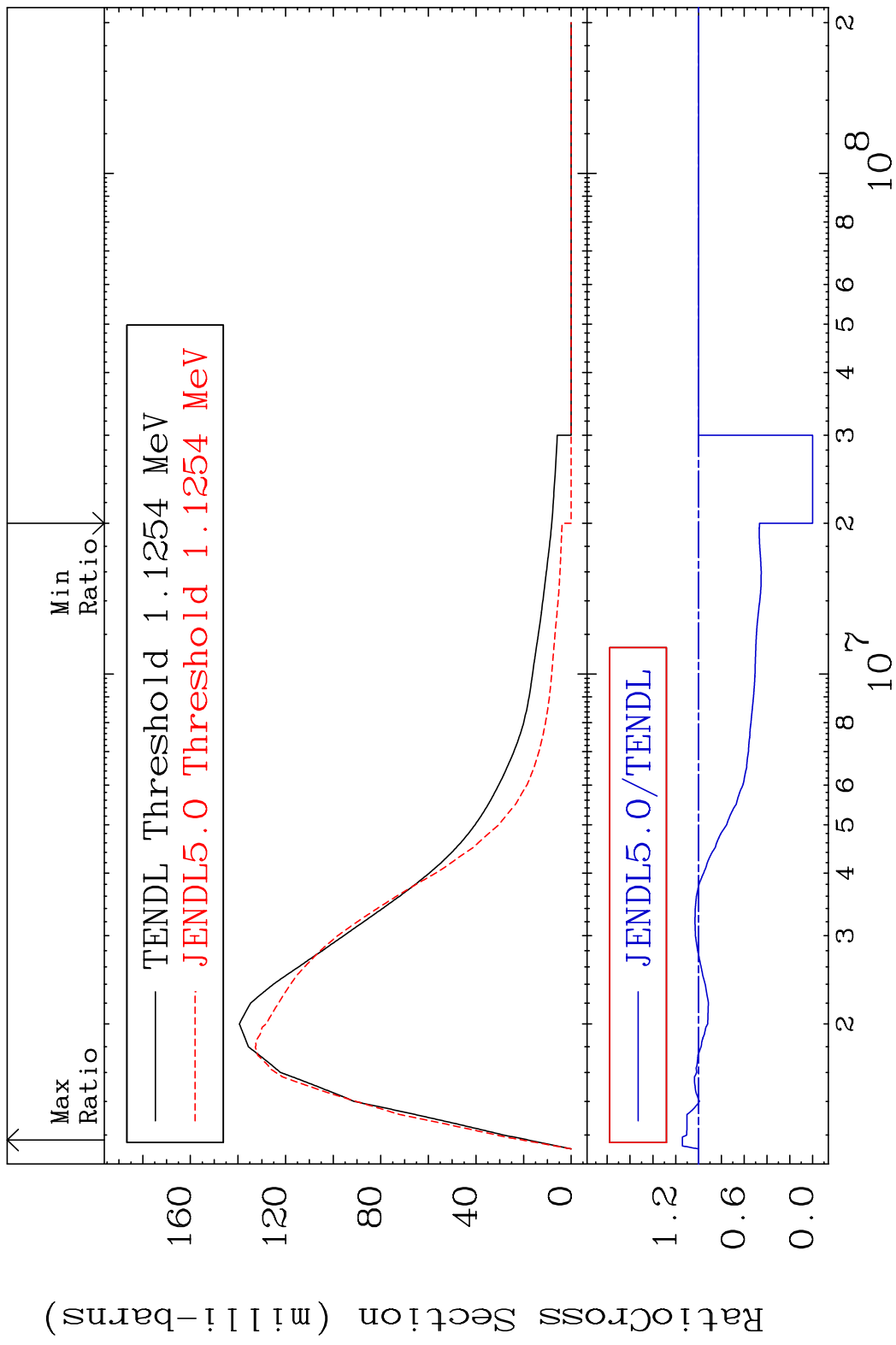
MAT 8043 MT= 51 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 42.19 %



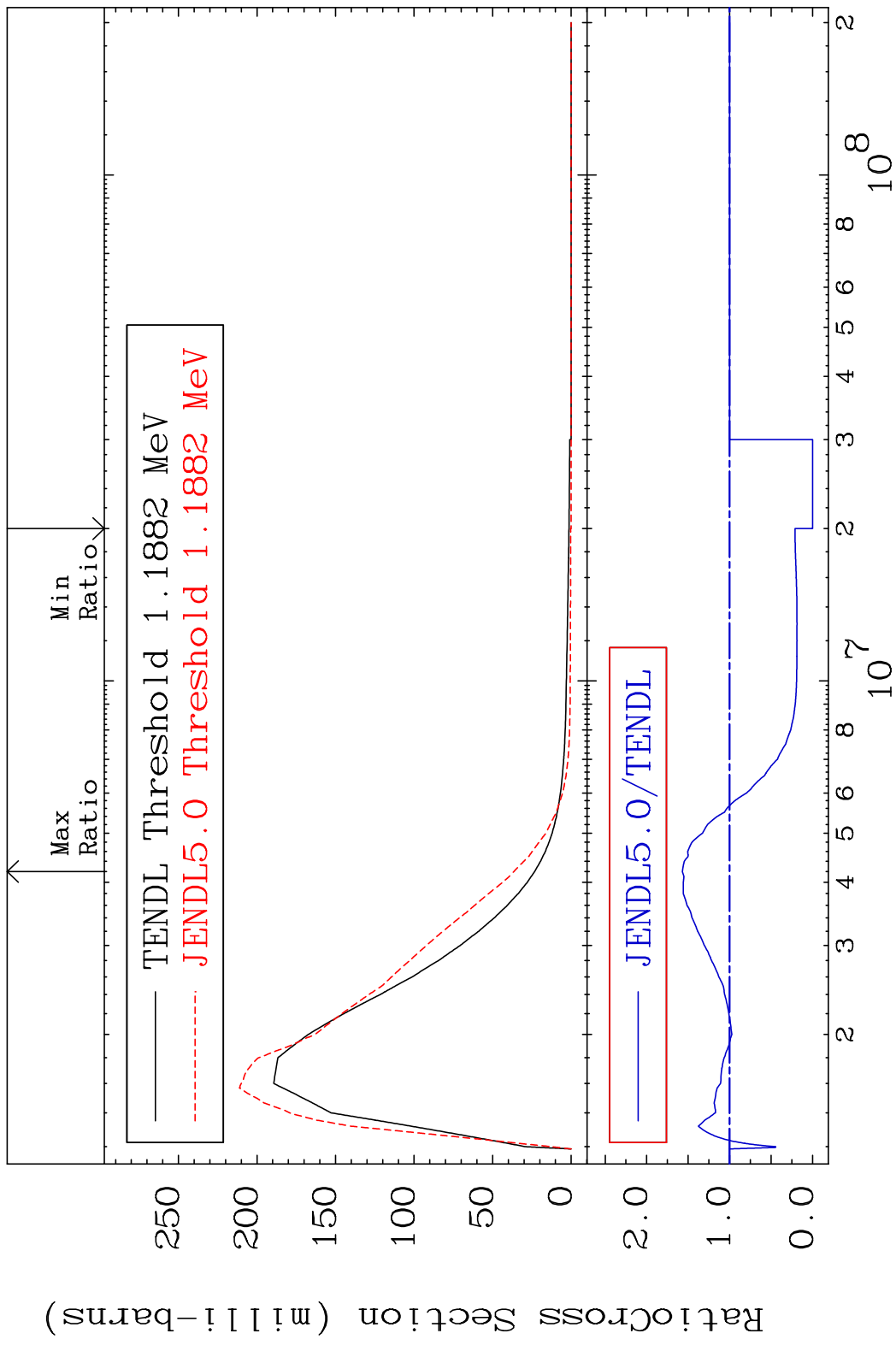
MAT 8043 MT= 52 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 61.07 %



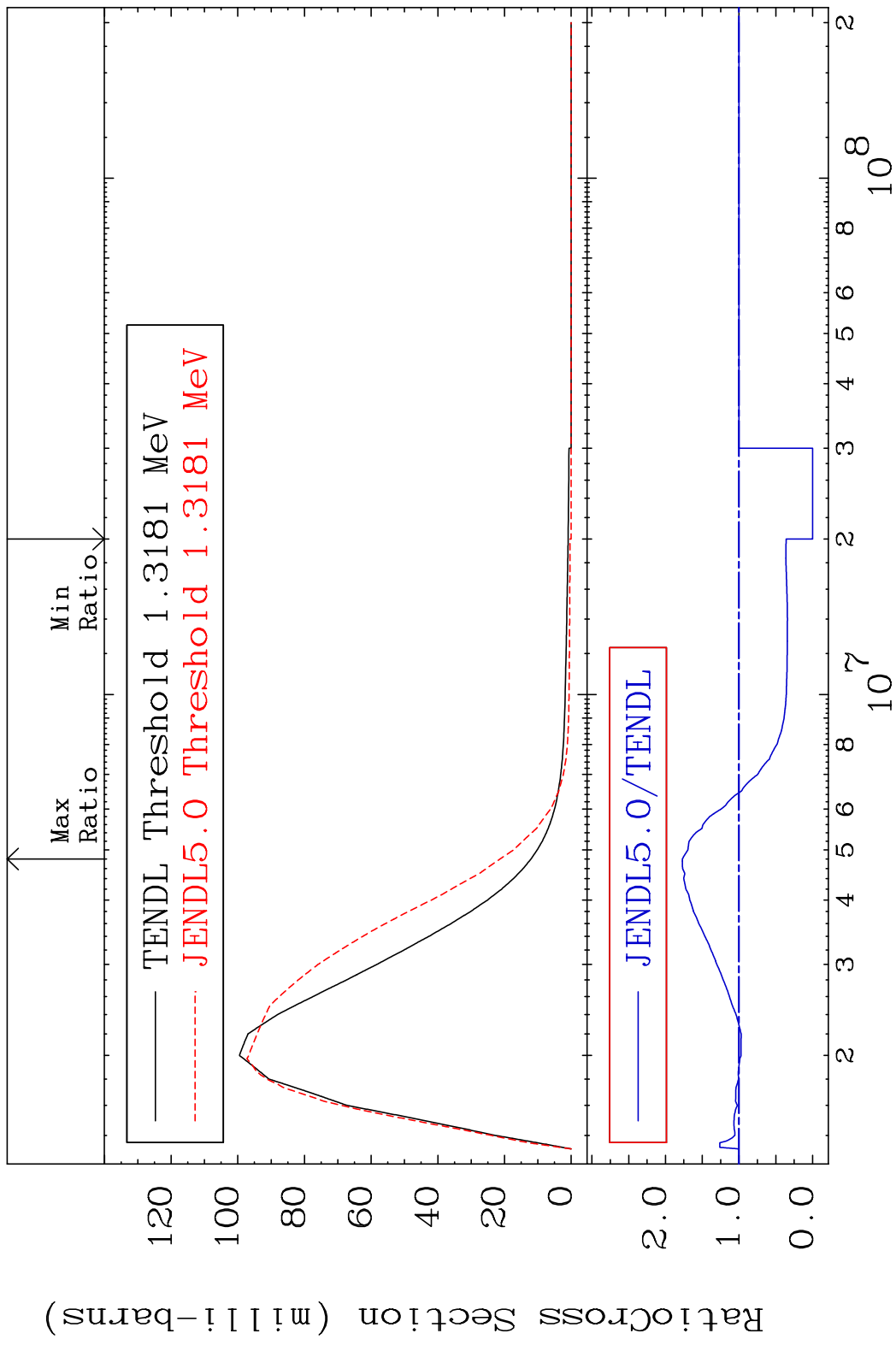
MAT 8043 MT= 53 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 14.15 %



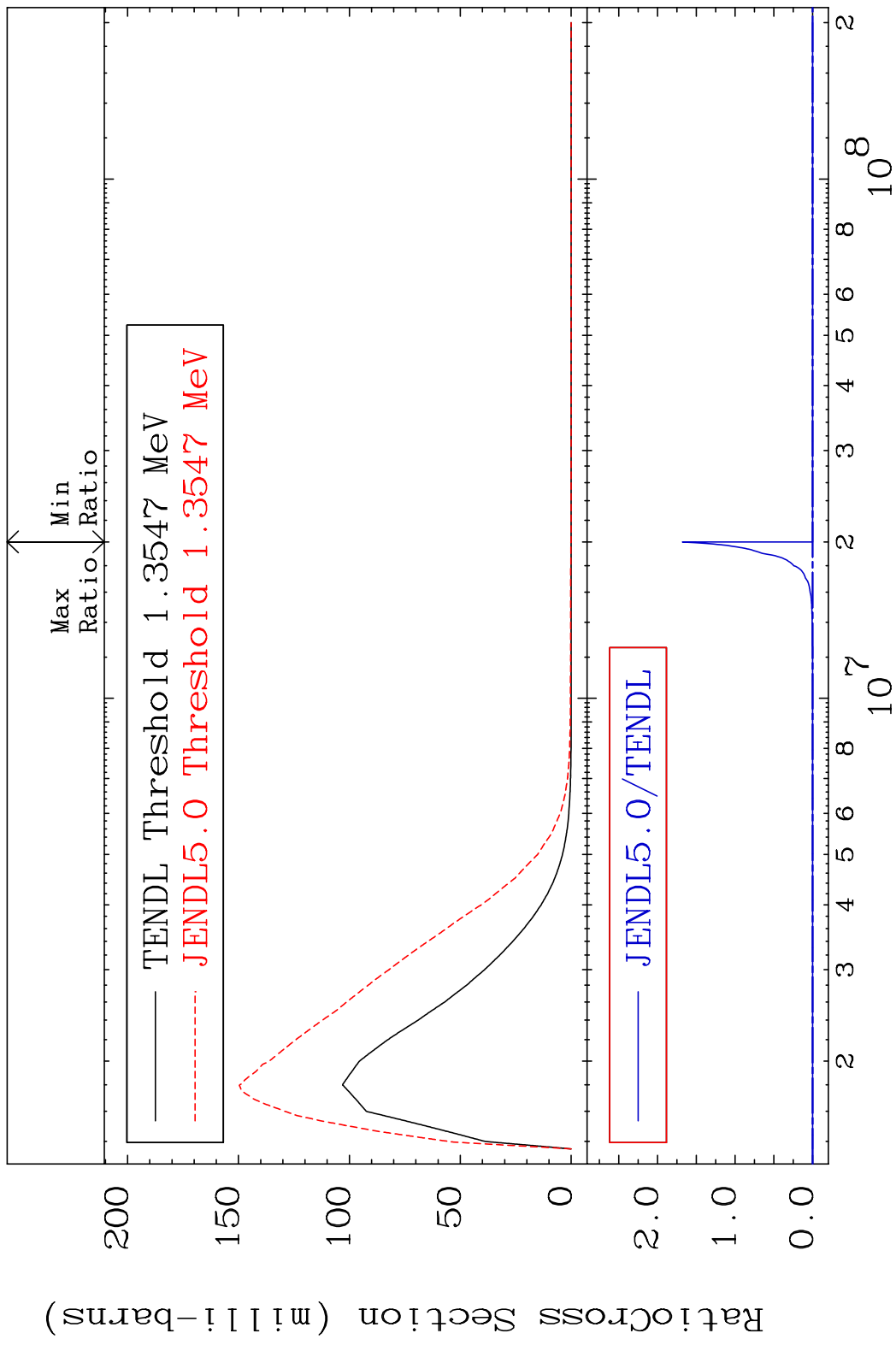
MAT 8043 MT= 54 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 56.98 %



MAT 8043 MT= 55 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 77.06 %

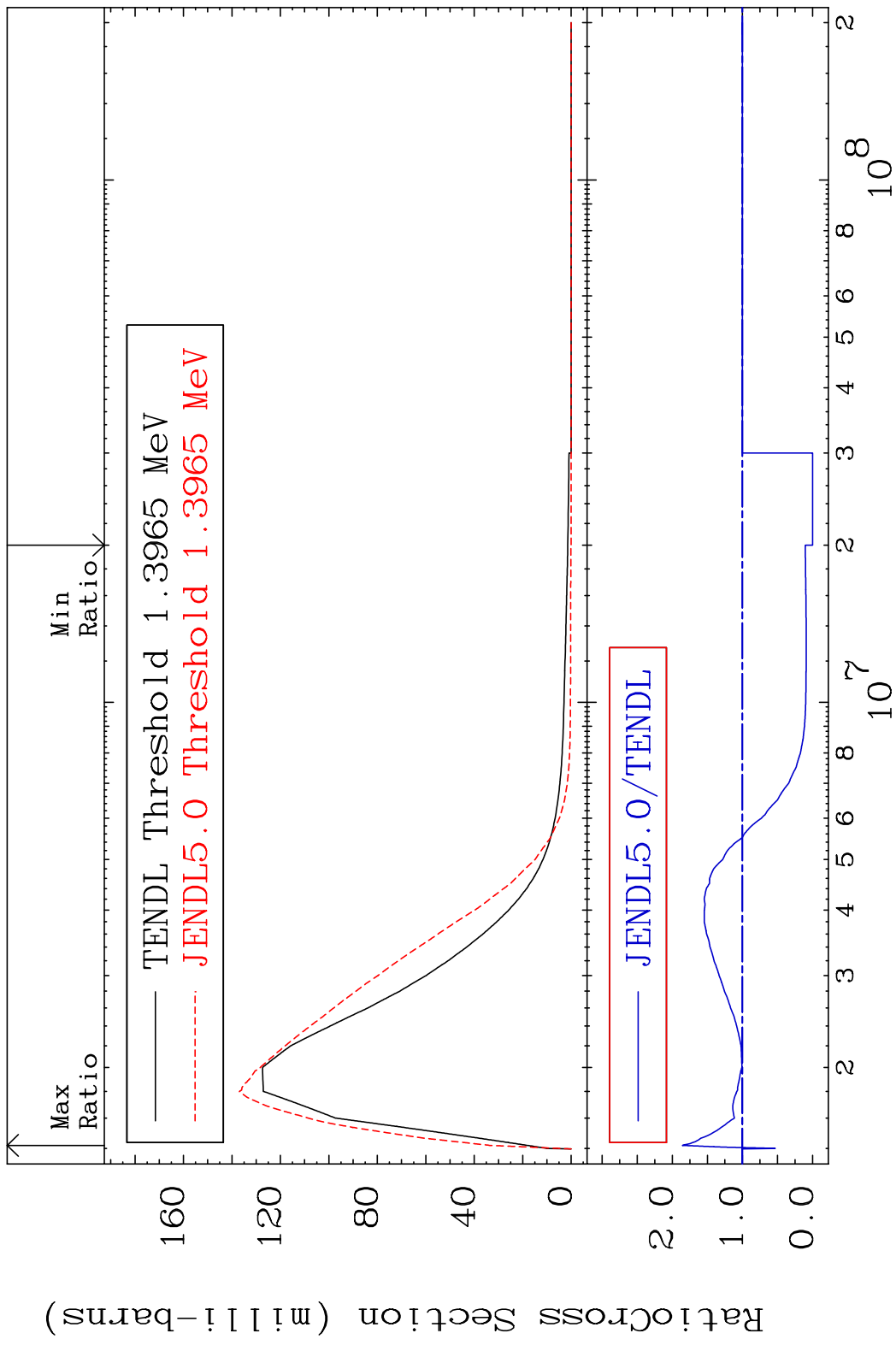


MAT 8043 MT= 56 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 9999. %

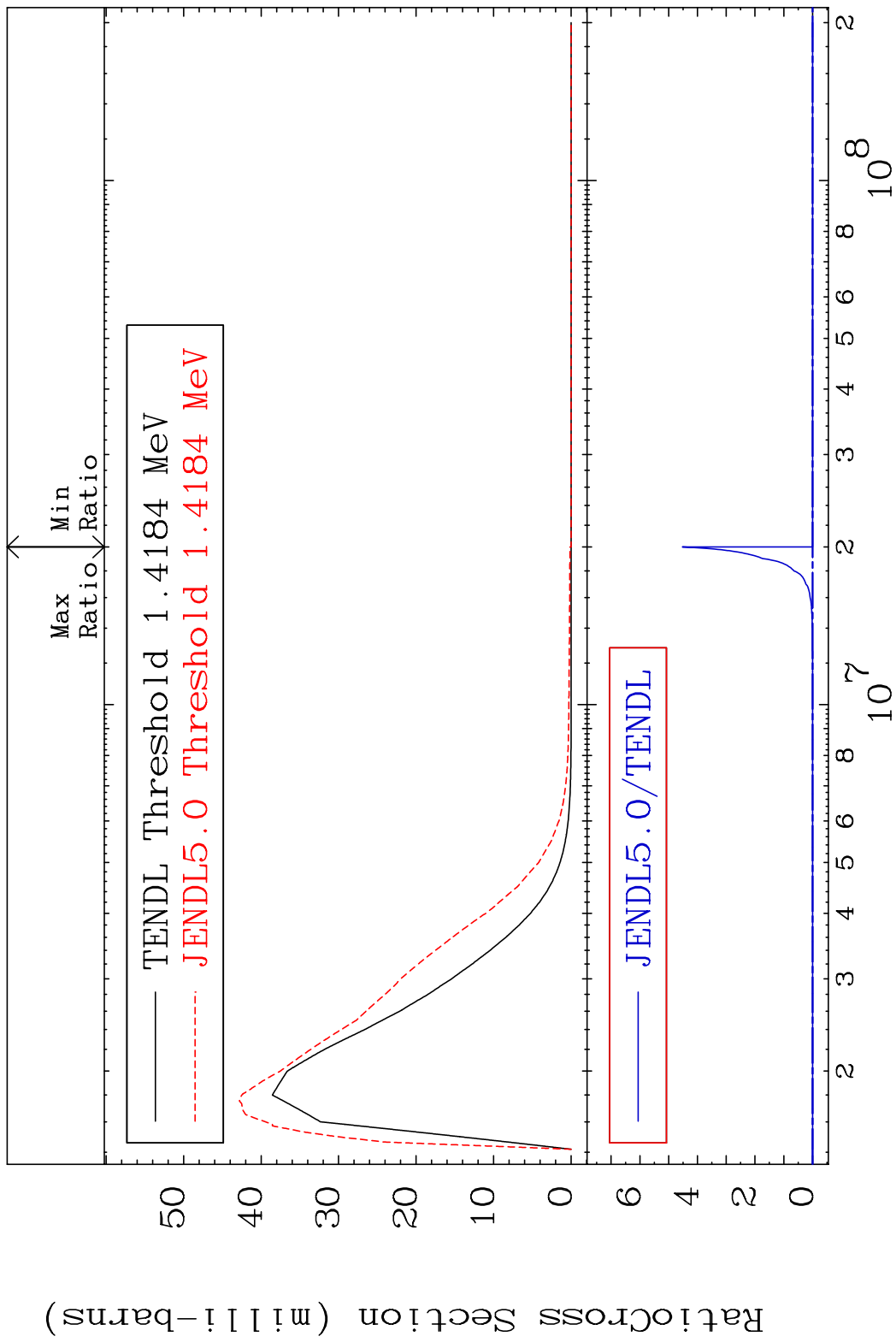


16 Incident Energy (eV) 80-Hg-202

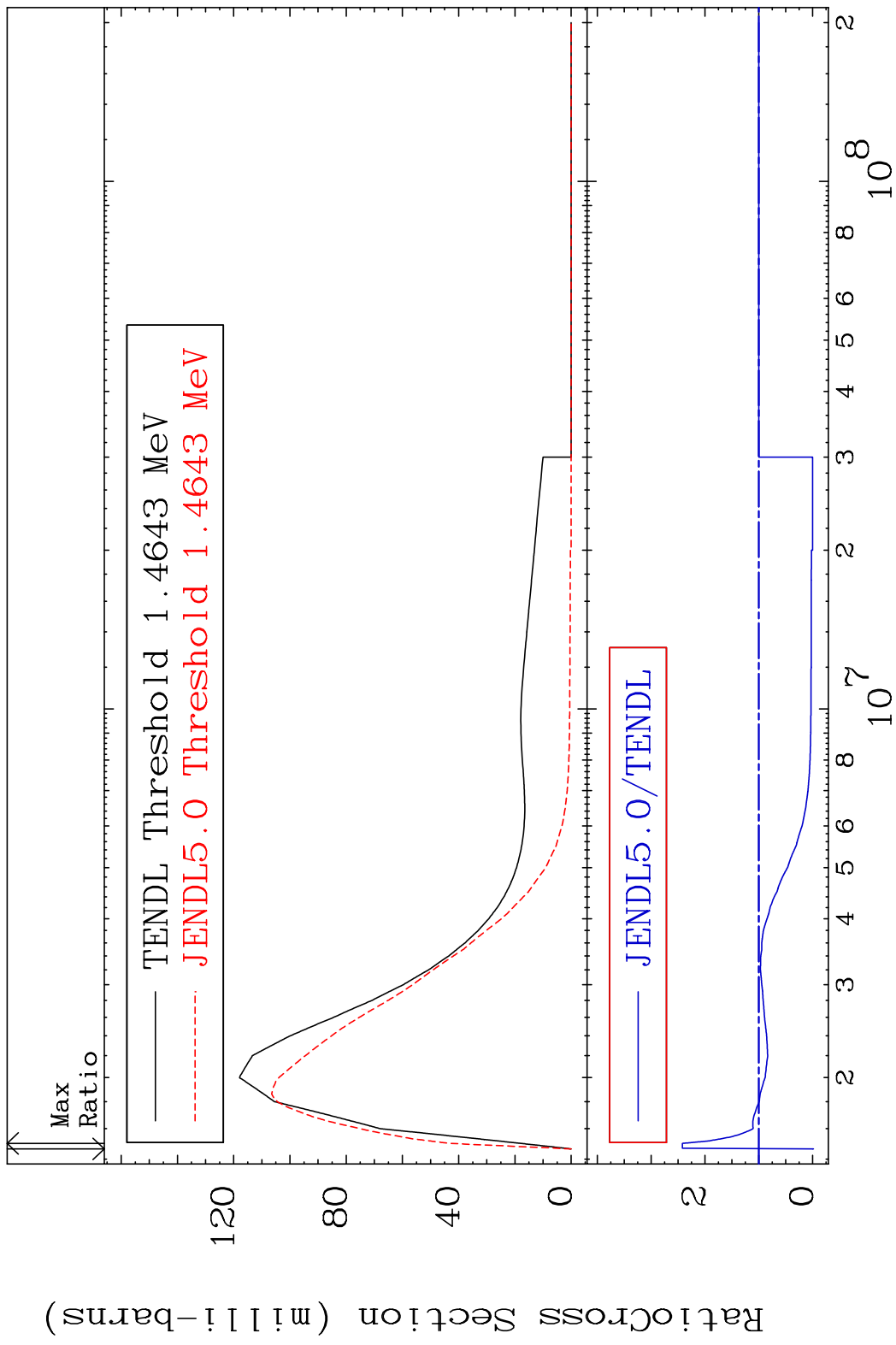
MAT 8043 MT= 57 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 85.68 %



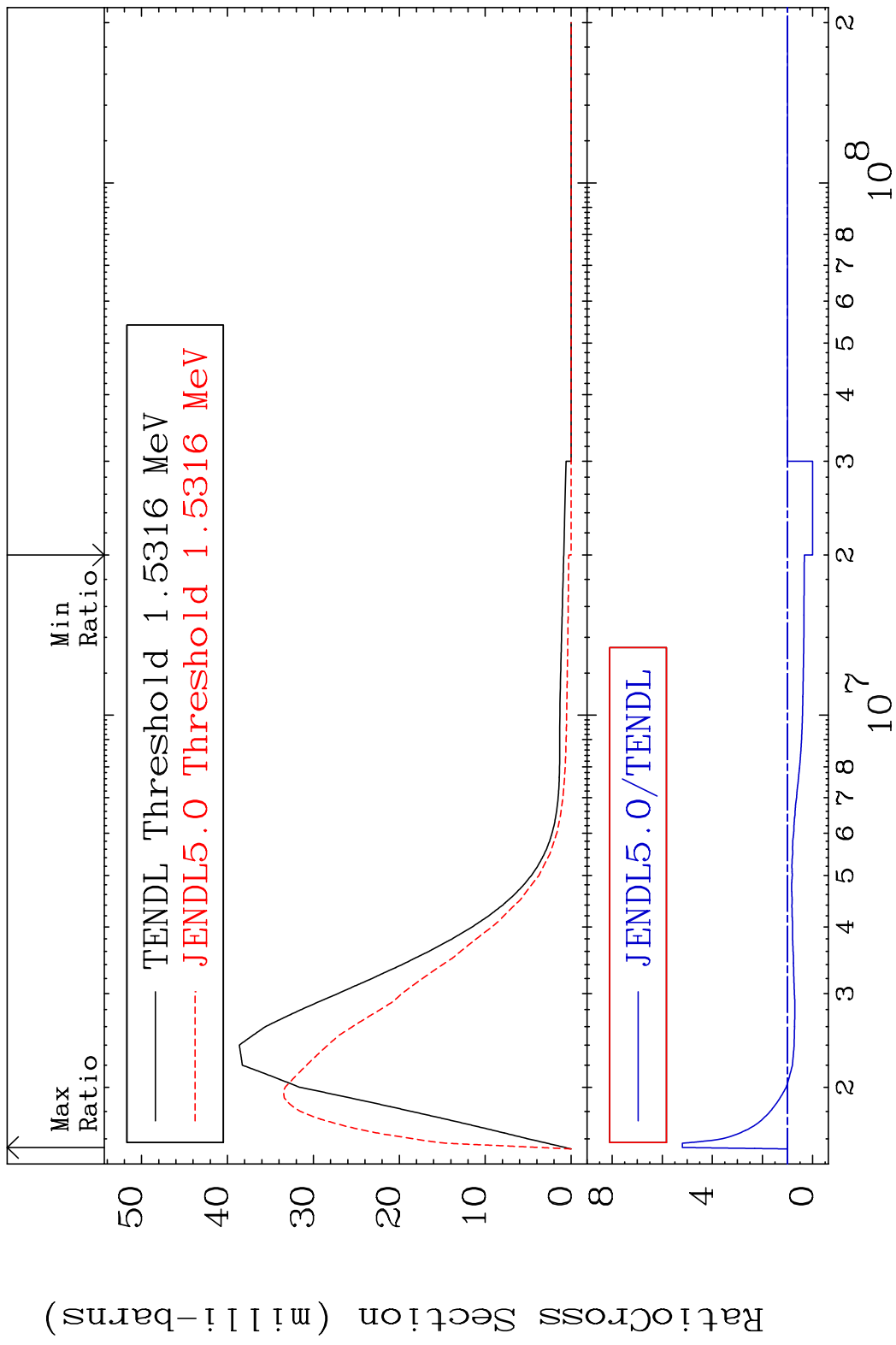
MAT 8043 MT= 58 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 9999. %



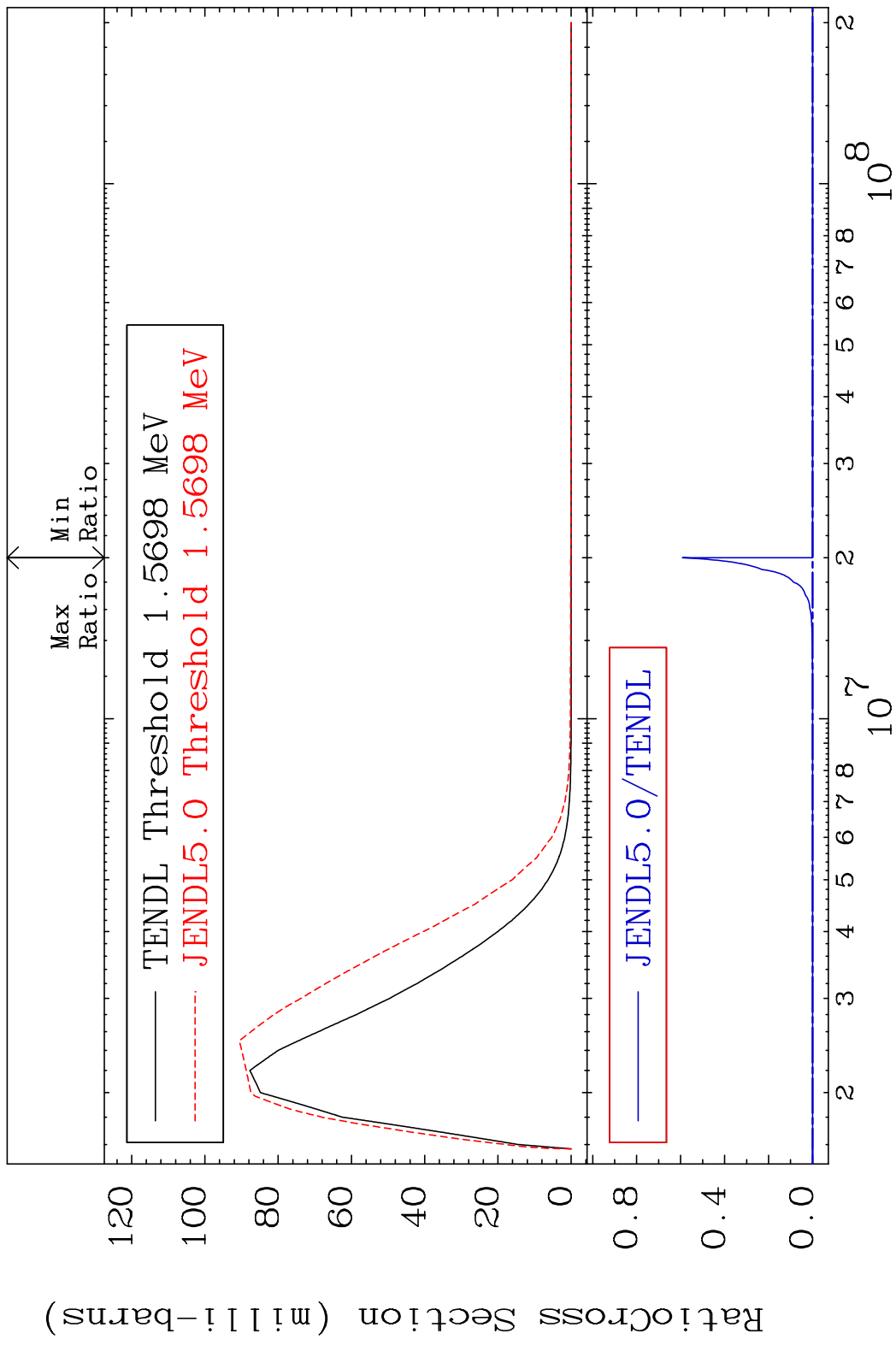
MAT 8043 MT= 59 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 141.9 %



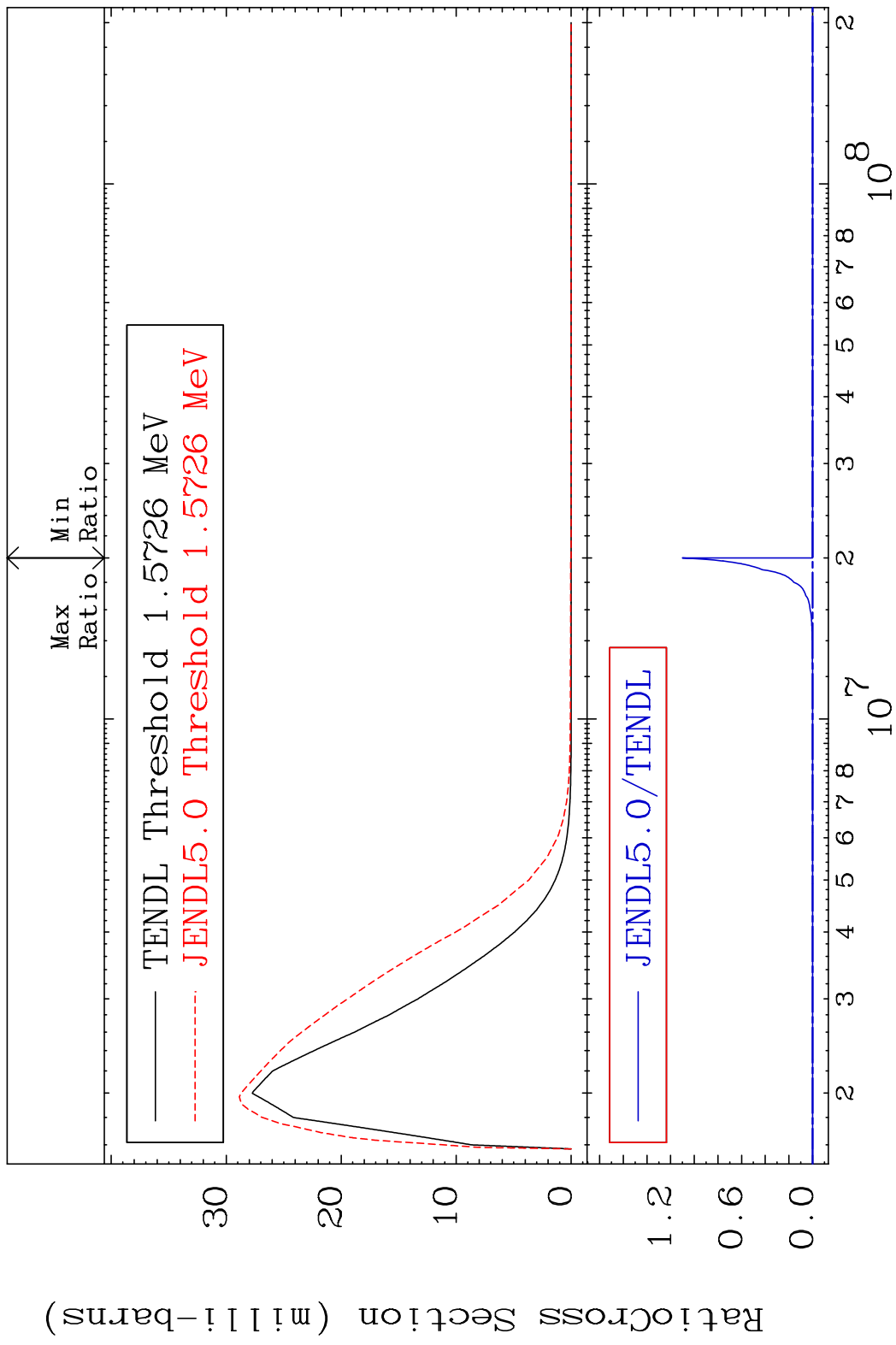
MAT 8043 MT= 60 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 419.7 %



MAT 8043 MT= 61 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 9999. %

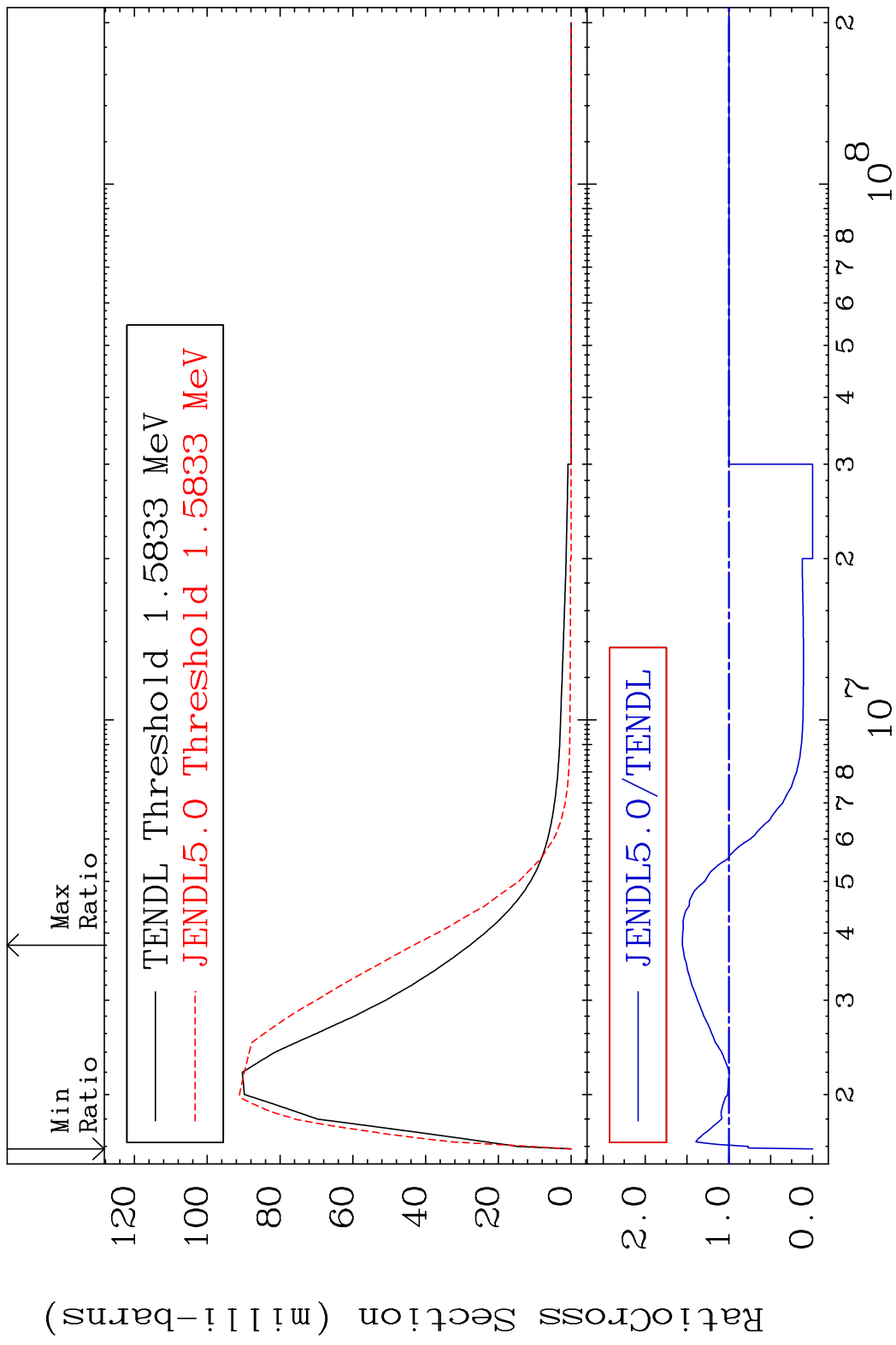


MAT 8043 MT= 62 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 9999. %

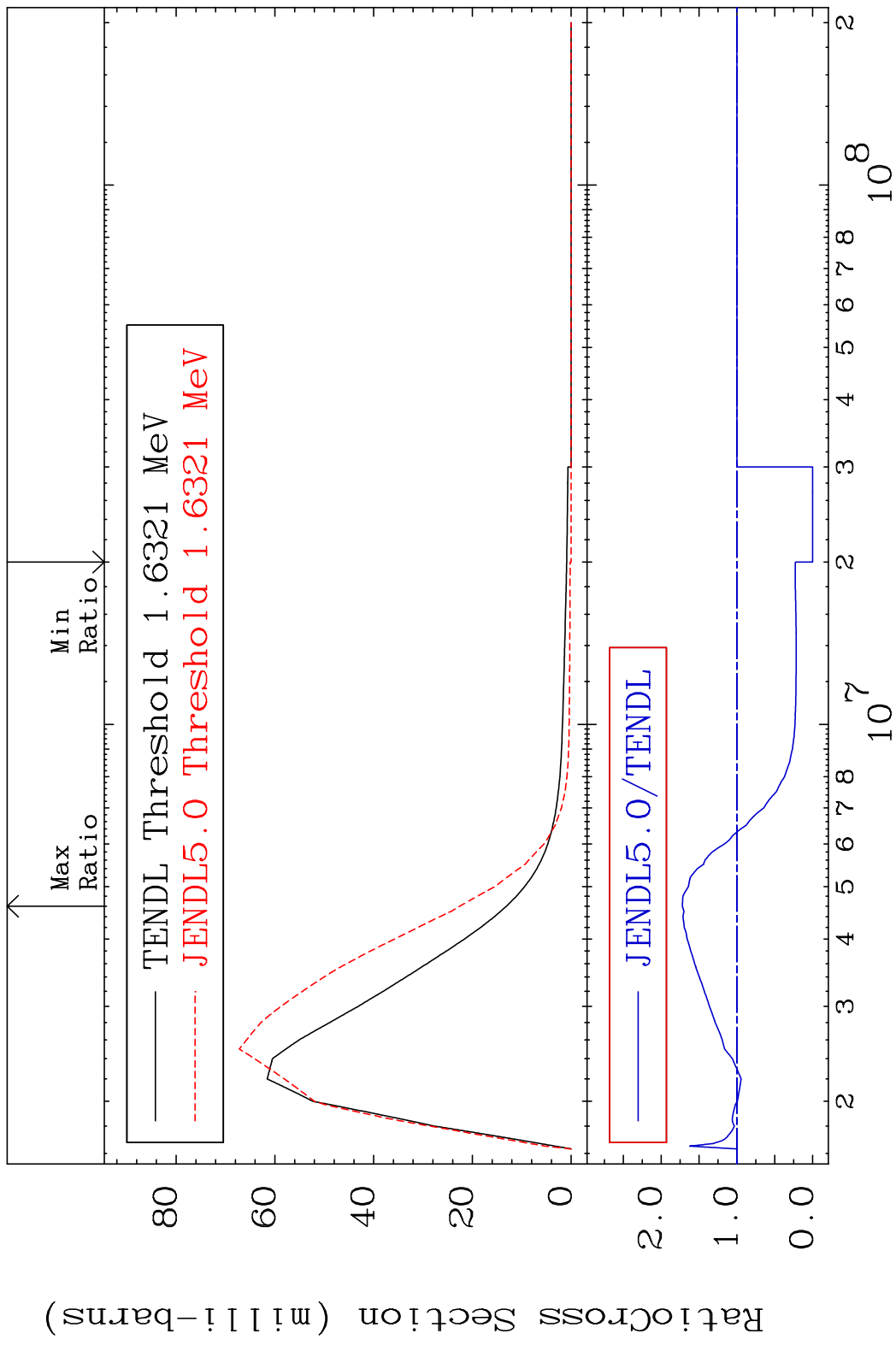


22 Incident Energy (eV) 80-Hg-202

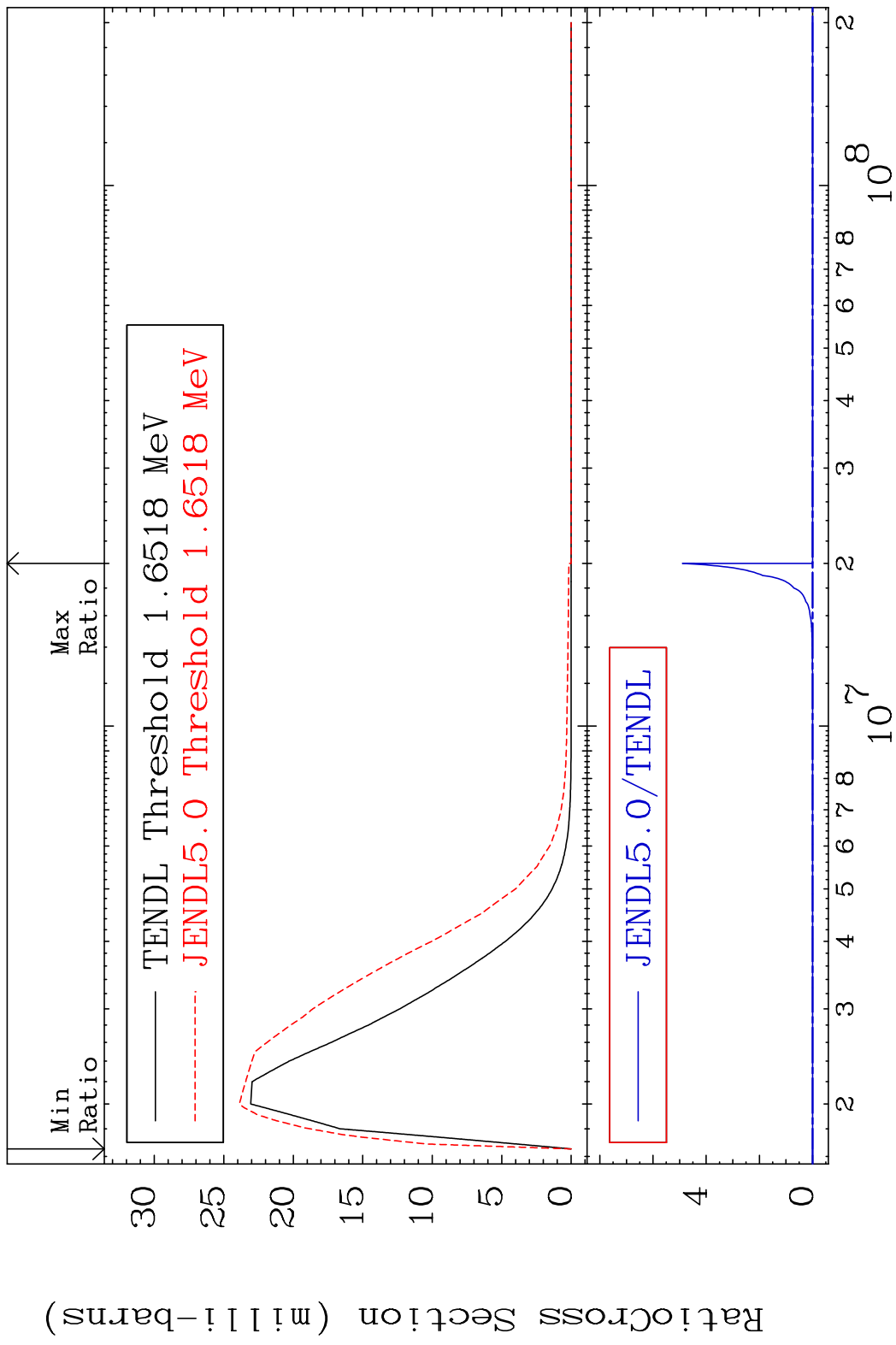
MAT 8043 MT= 63 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 55.58 %



MAT 8043 MT= 64 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 72.02 %

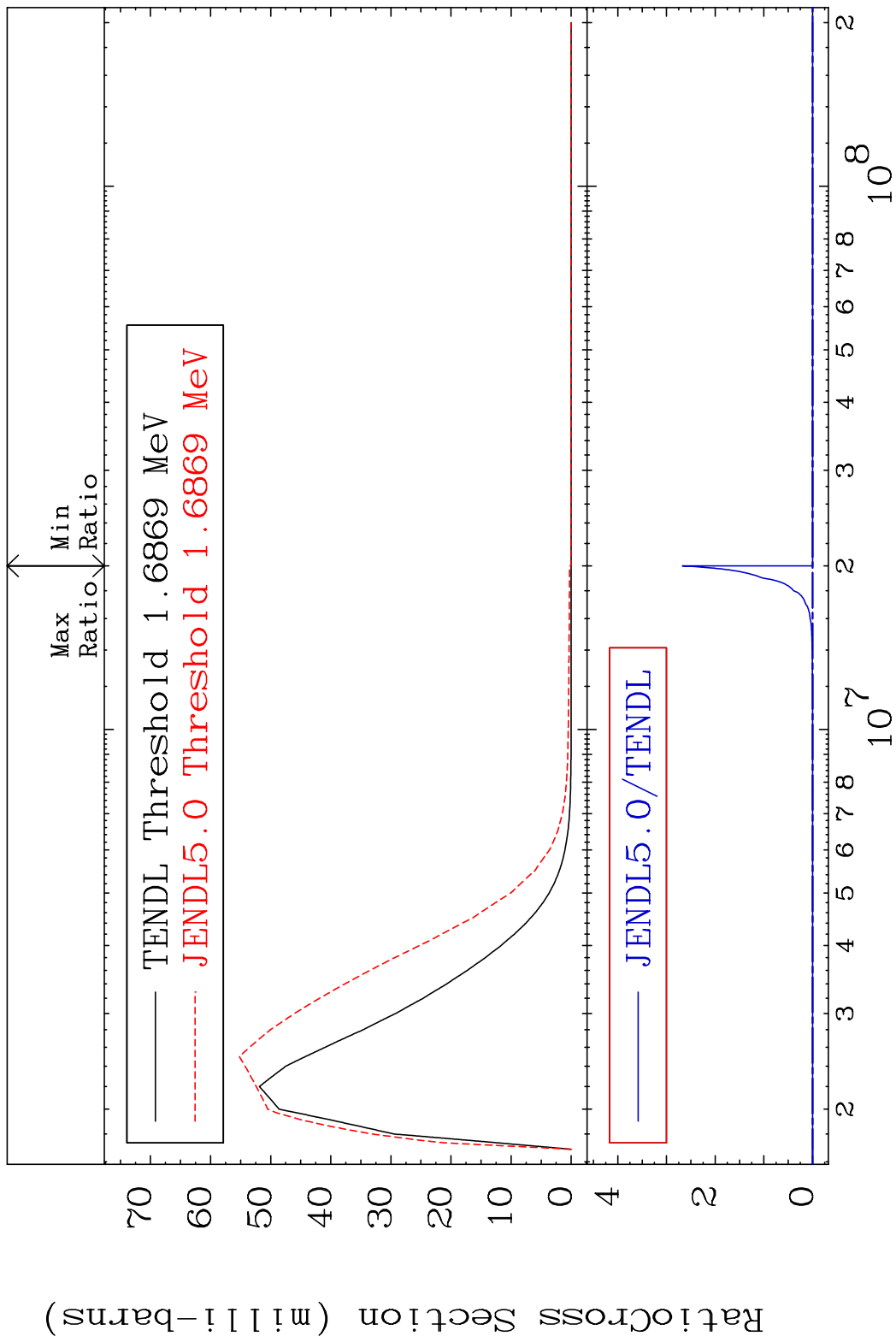


MAT 8043 MT= 65 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 9999. %

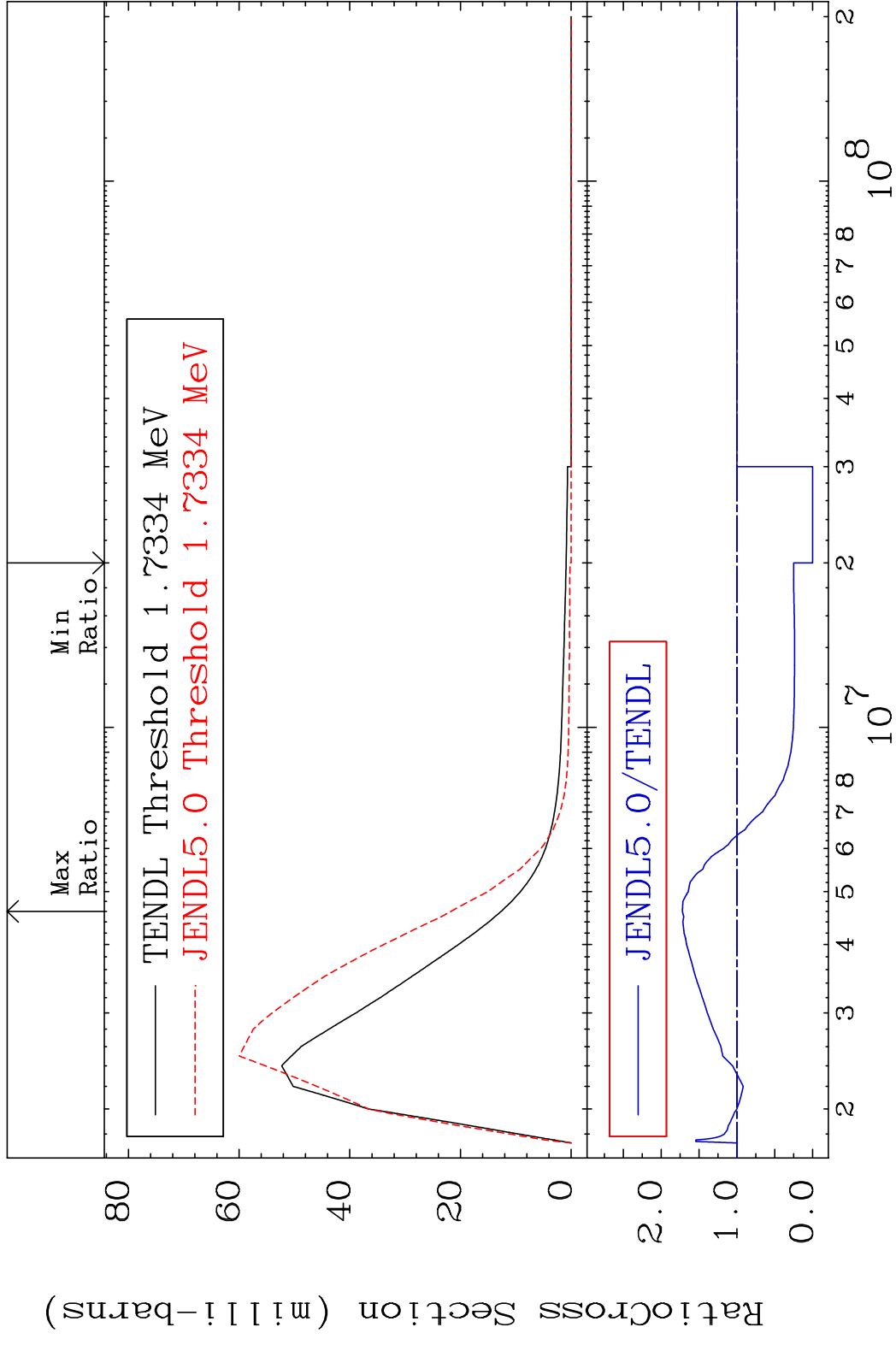


25 80-Hg-202

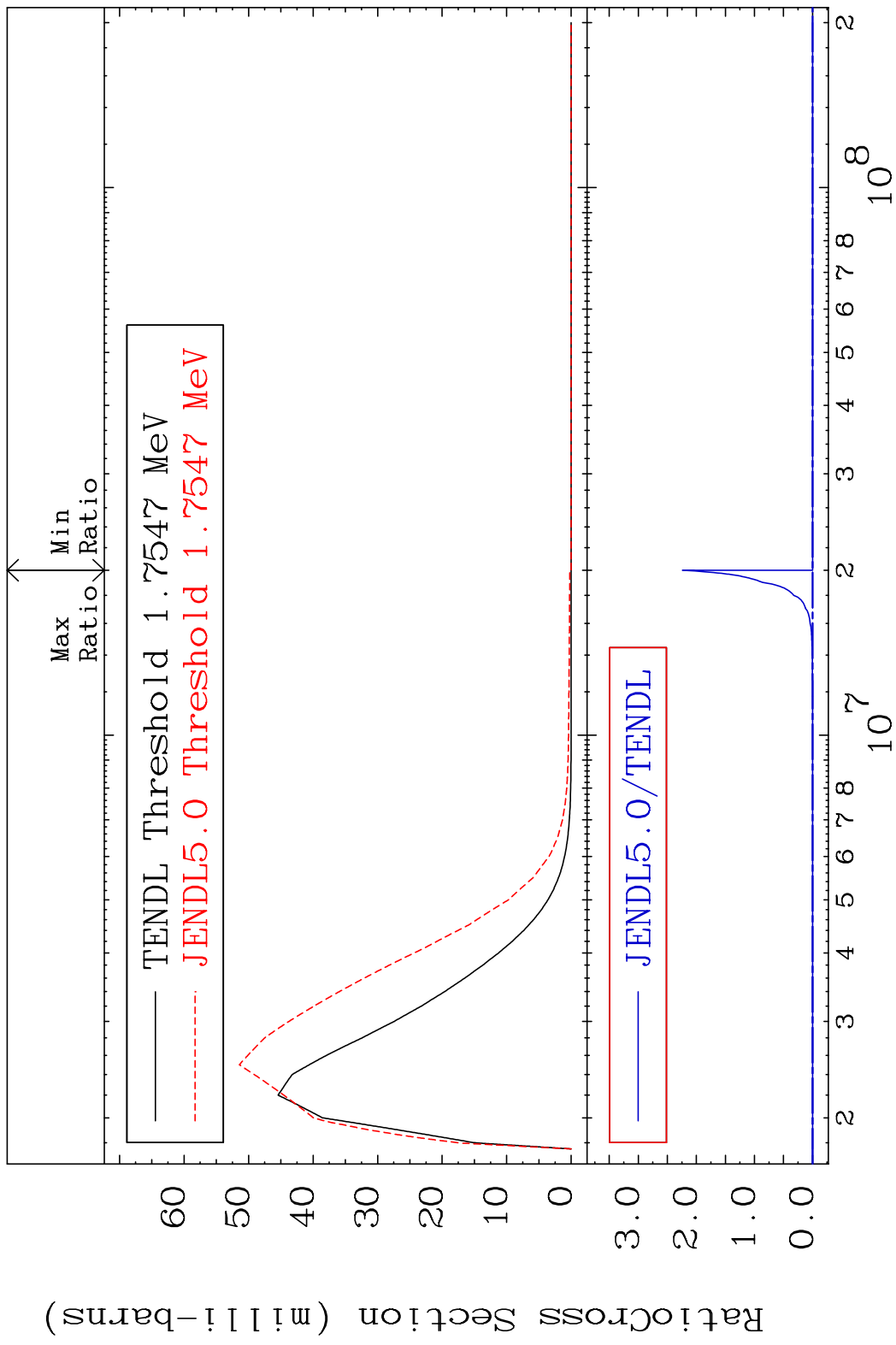
MAT 8043 MT= 66 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 9999. %



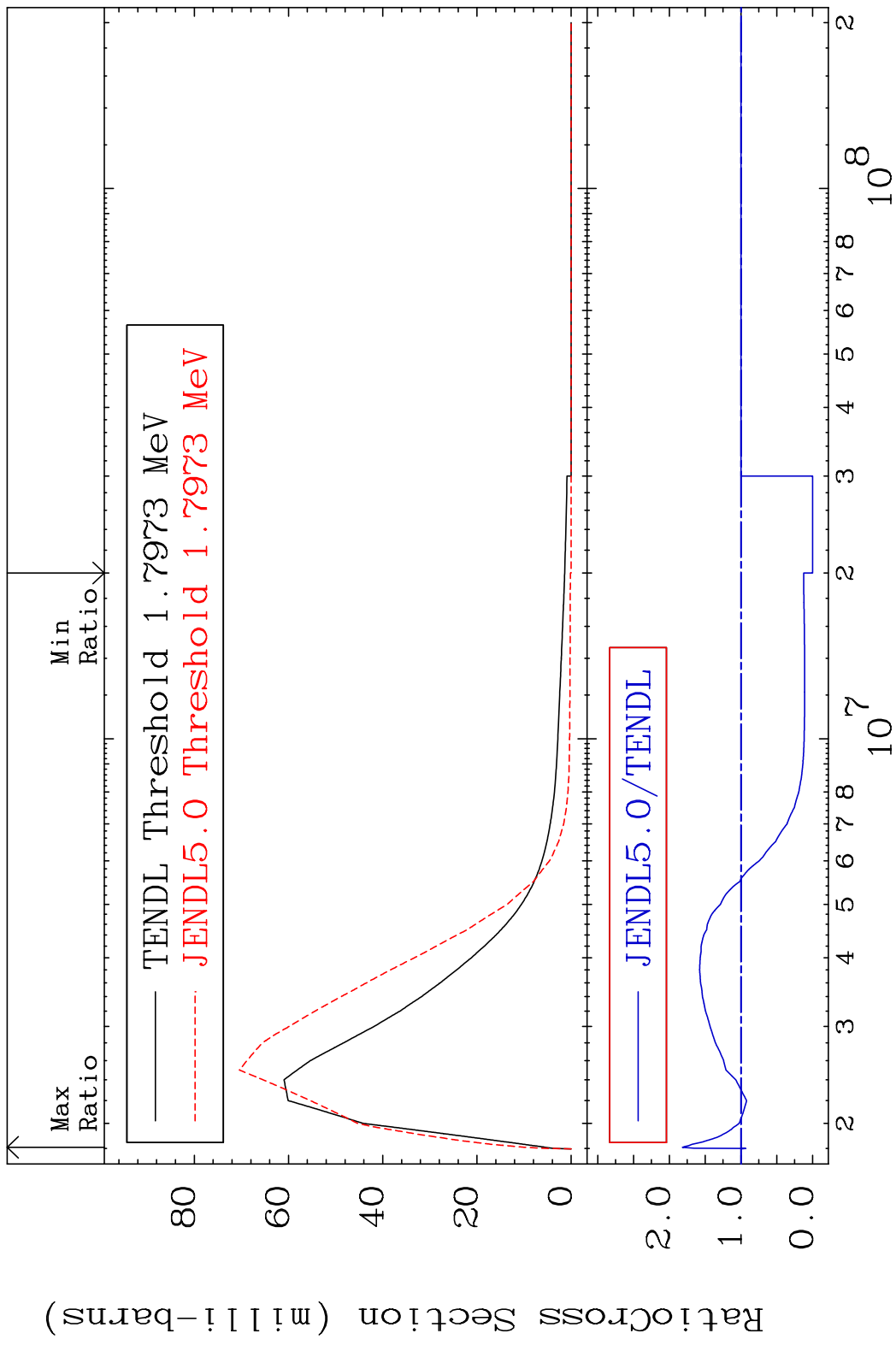
MAT 8043 MT= 67 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 71.95 %



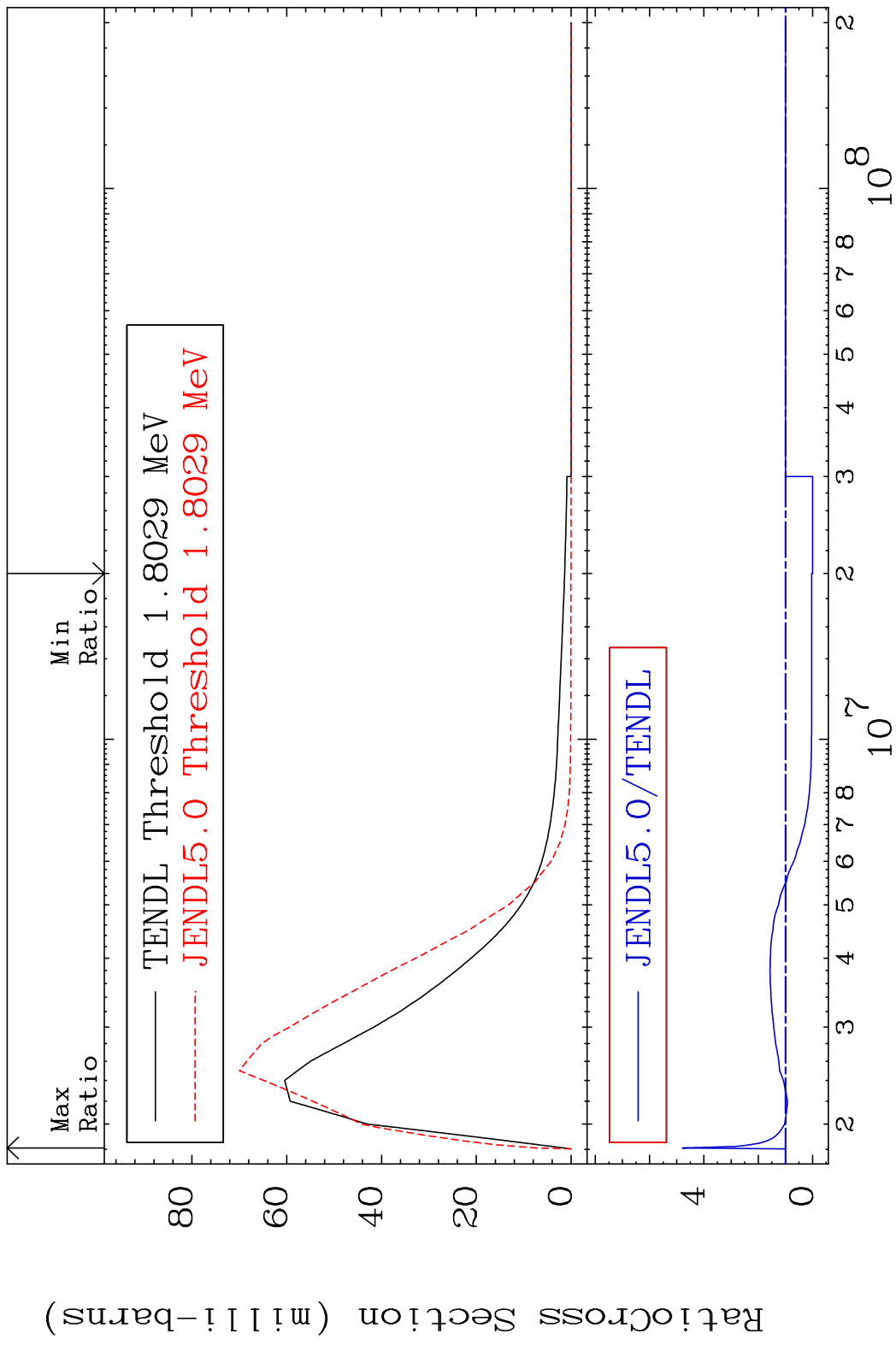
MAT 8043 MT= 68 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 9999. %



MAT 8043 MT= 69 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 81.82 %

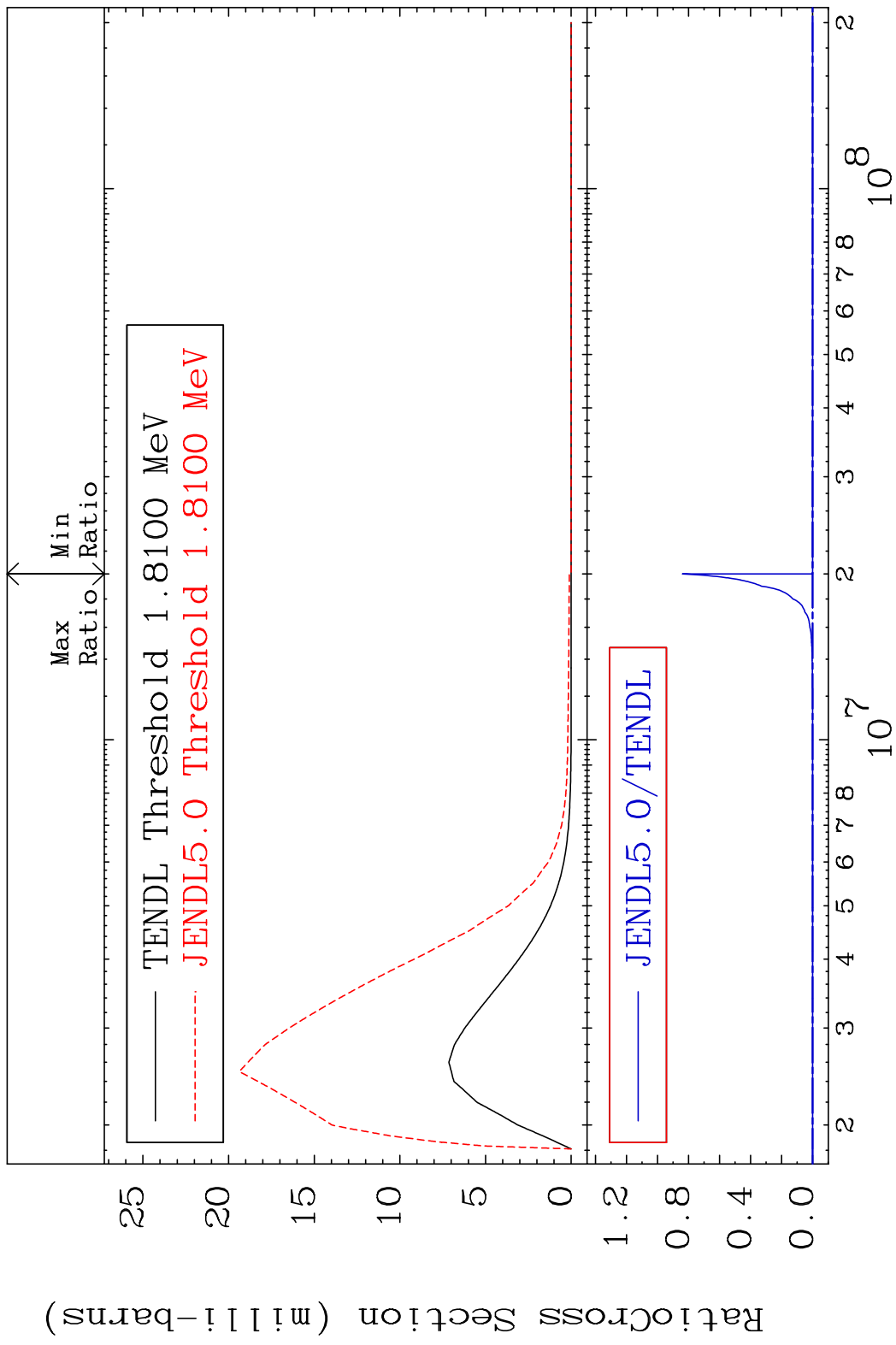


MAT 8043 MT= 70 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 379.4 %

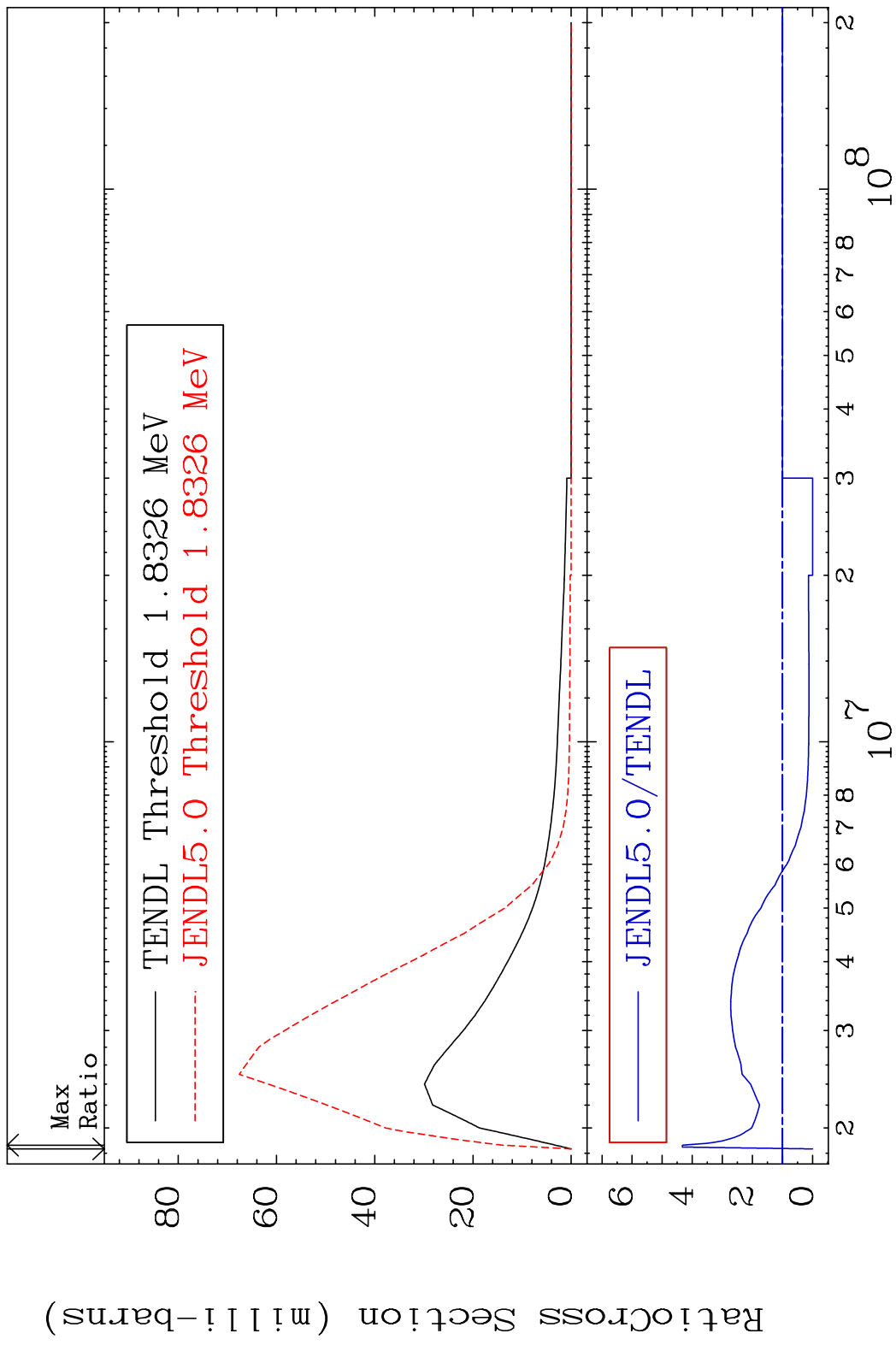


30 Incident Energy (eV) 80-Hg-202

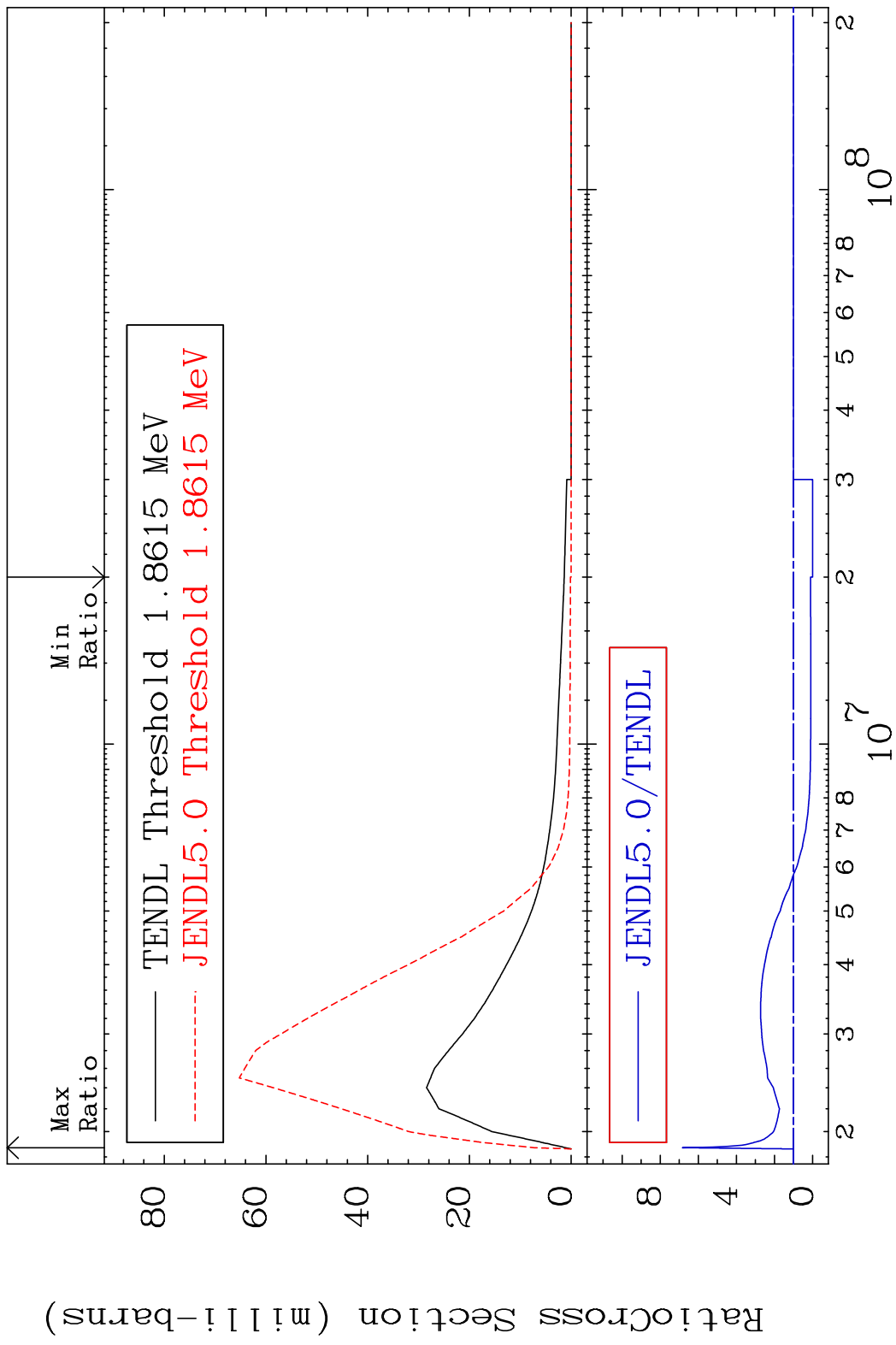
MAT 8043 MT= 71 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 9999. %



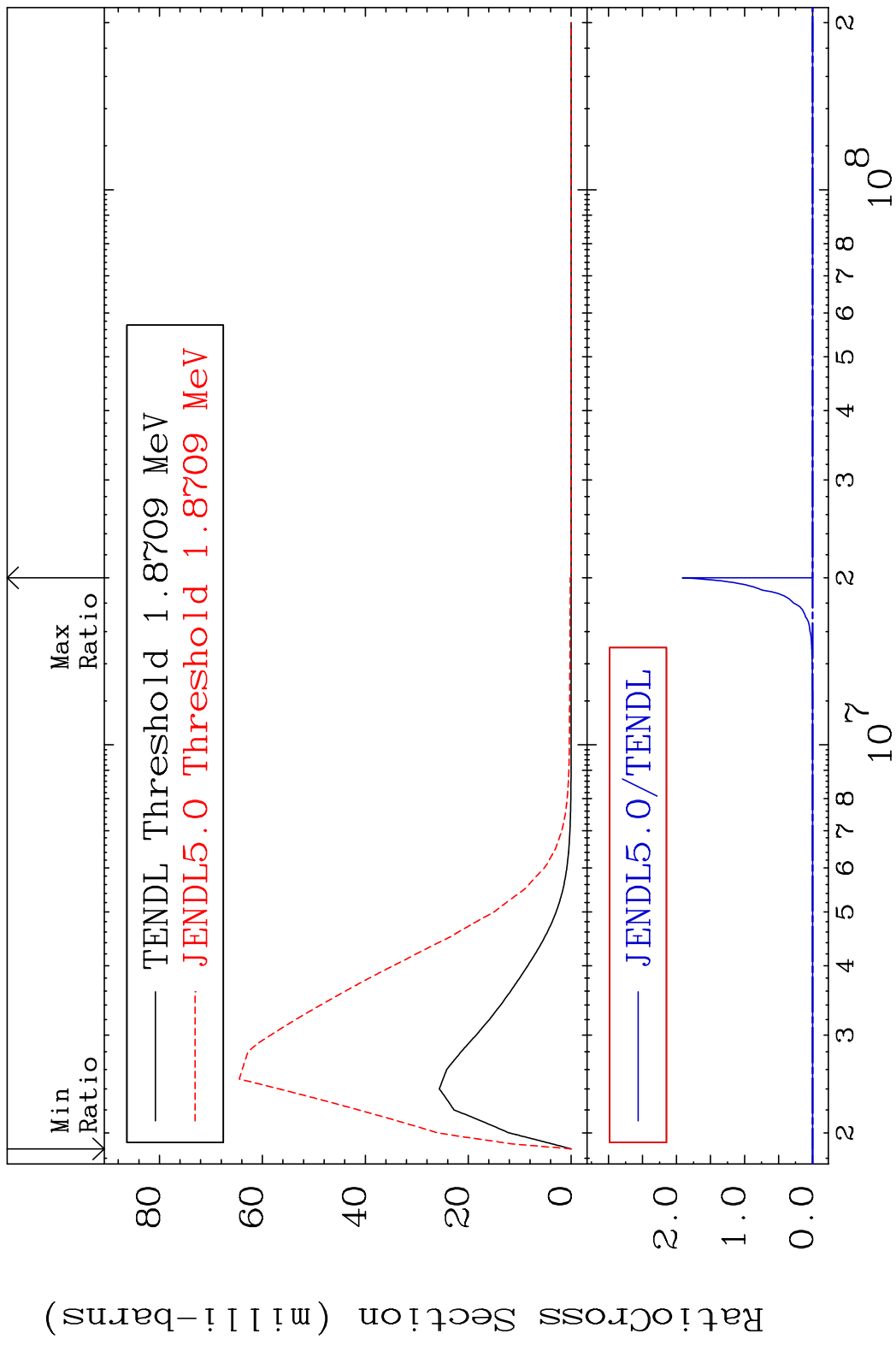
MAT 8043 MT= 72 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 332.9 %



MAT 8043 MT= 73 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 583.7 %

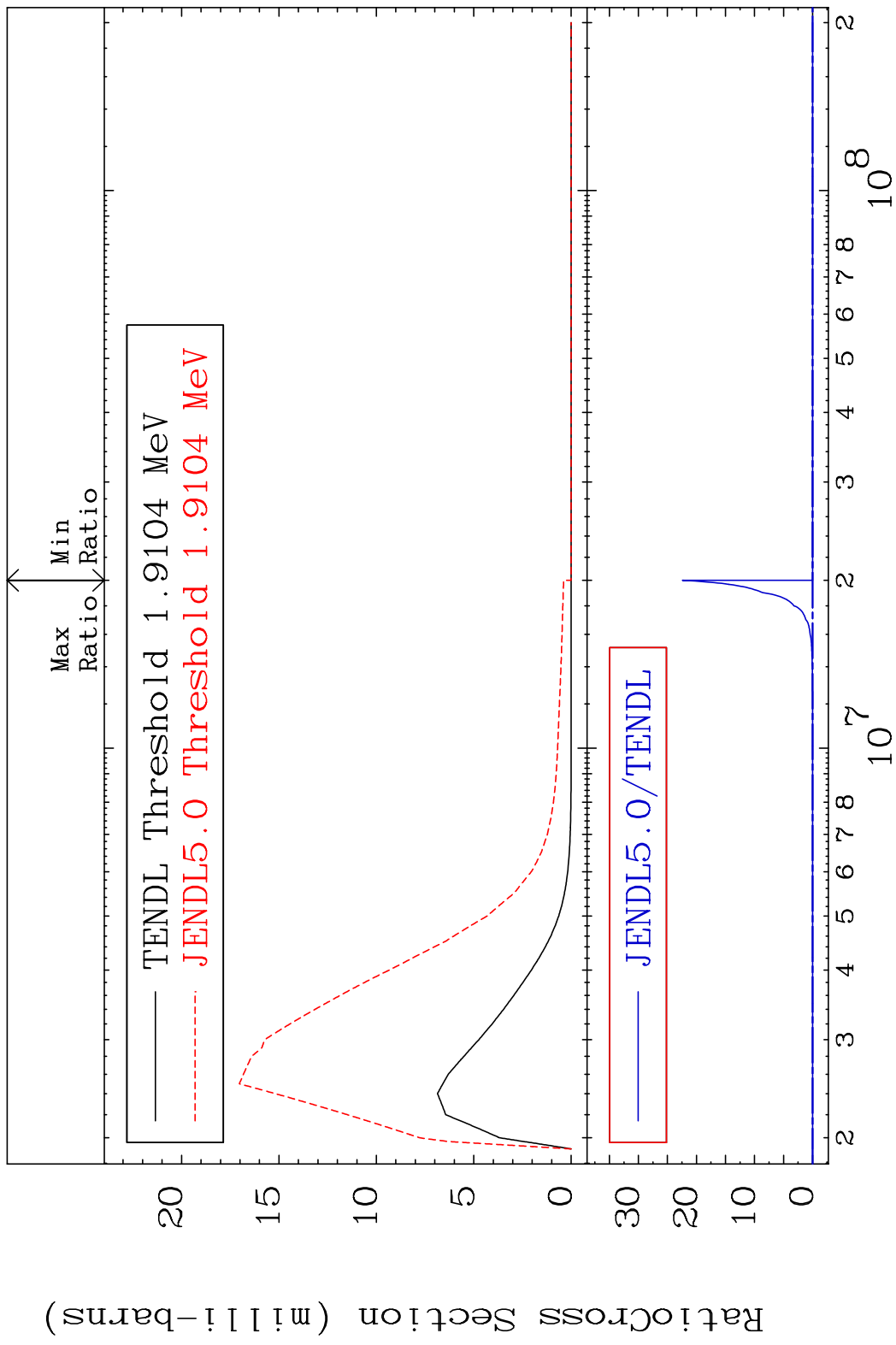


MAT 8043 MT= 74 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 9999. %



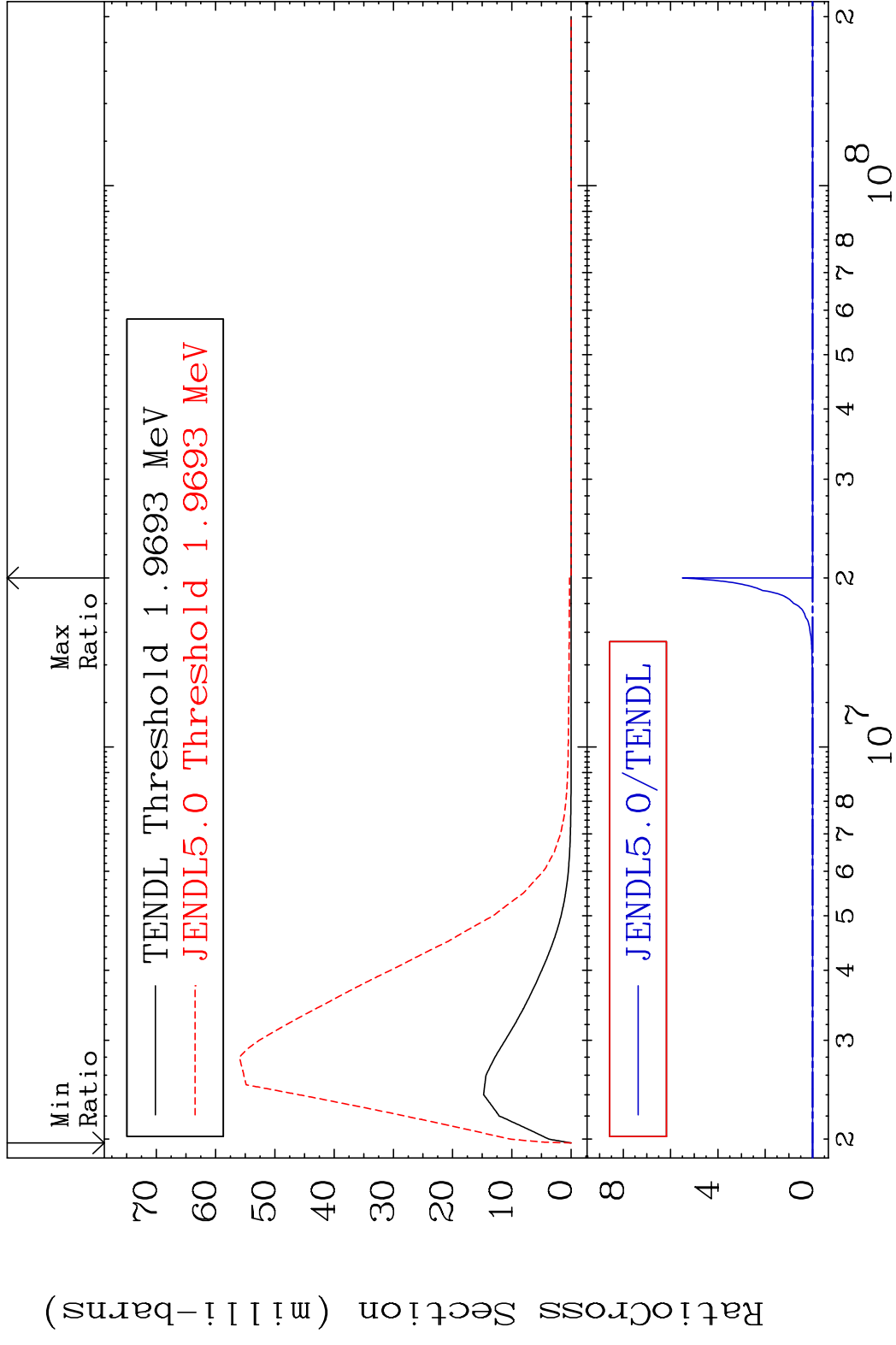
34 Incident Energy (eV) 80-Hg-202

MAT 8043 MT= 75 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 9999. %



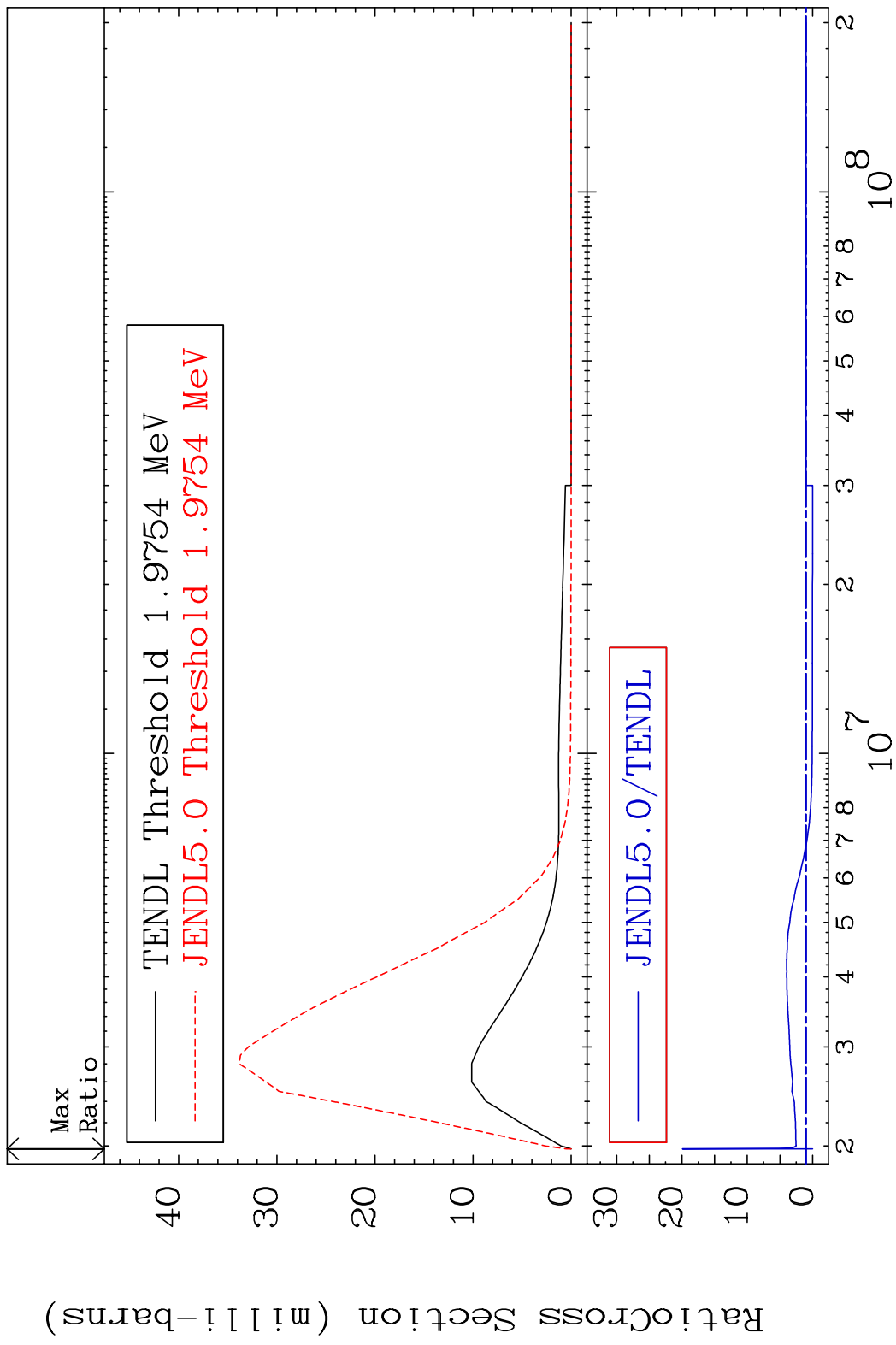
35 Incident Energy (eV) 80-Hg-202

MAT 8043 MT= 76 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 9999. %

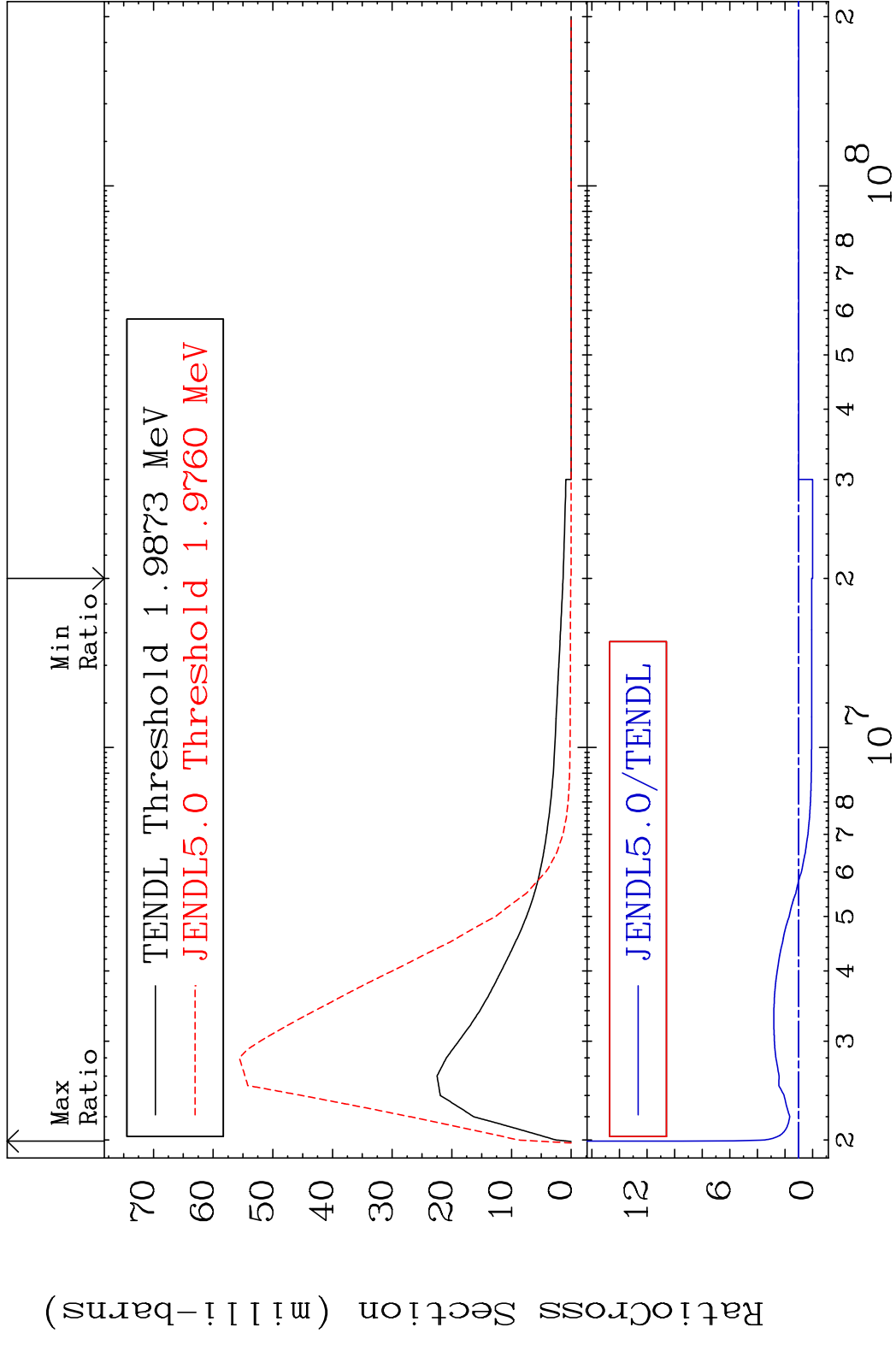


36 Incident Energy (eV) 80-Hg-202

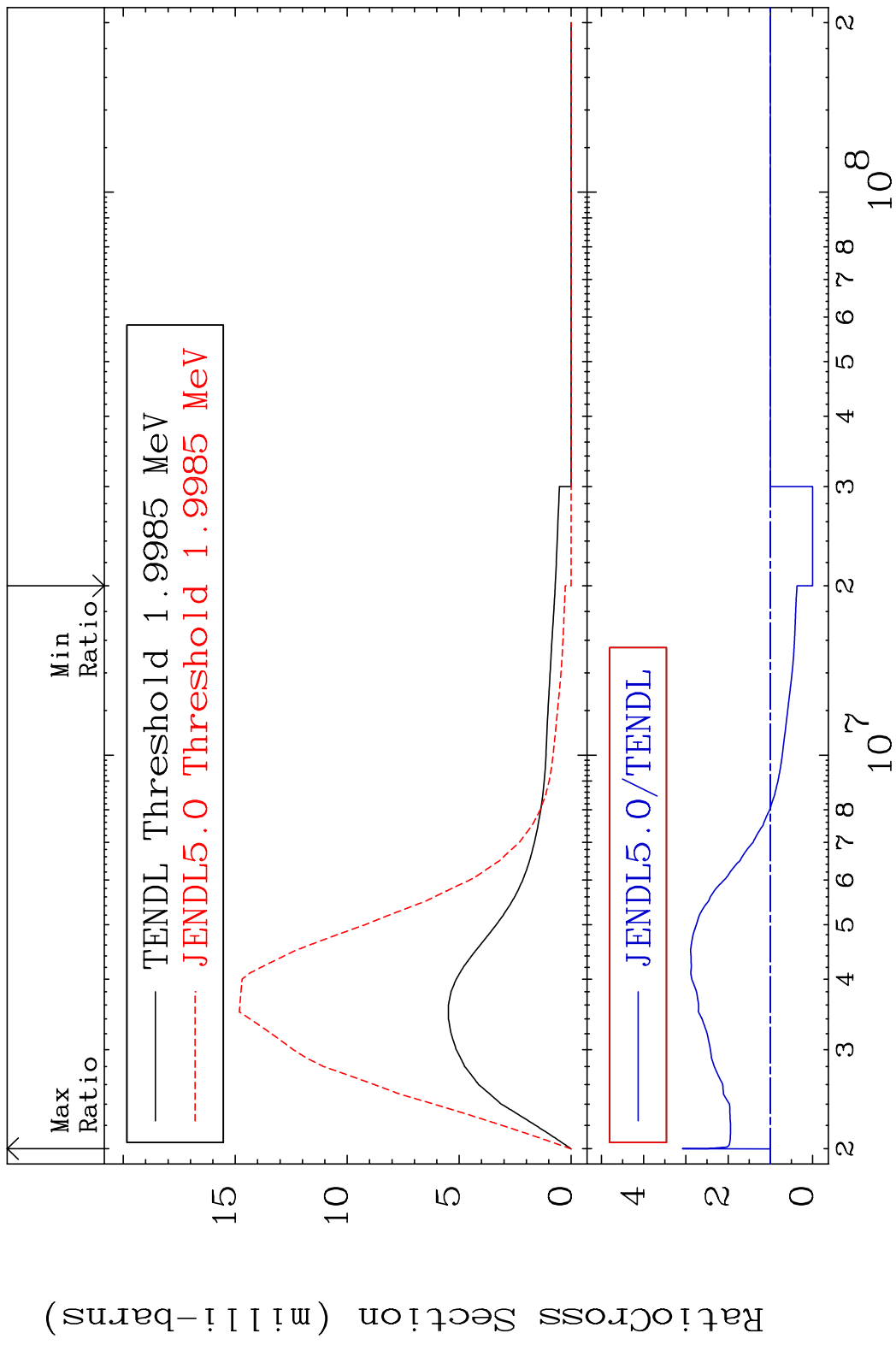
MAT 8043 MT= 77 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 1894. %



MAT 8043 MT= 78 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 843.7 %



MAT 8043 MT= 79 (n, n') Level 80-Hg-202
 Cross Section -100.0 To 208.4 %

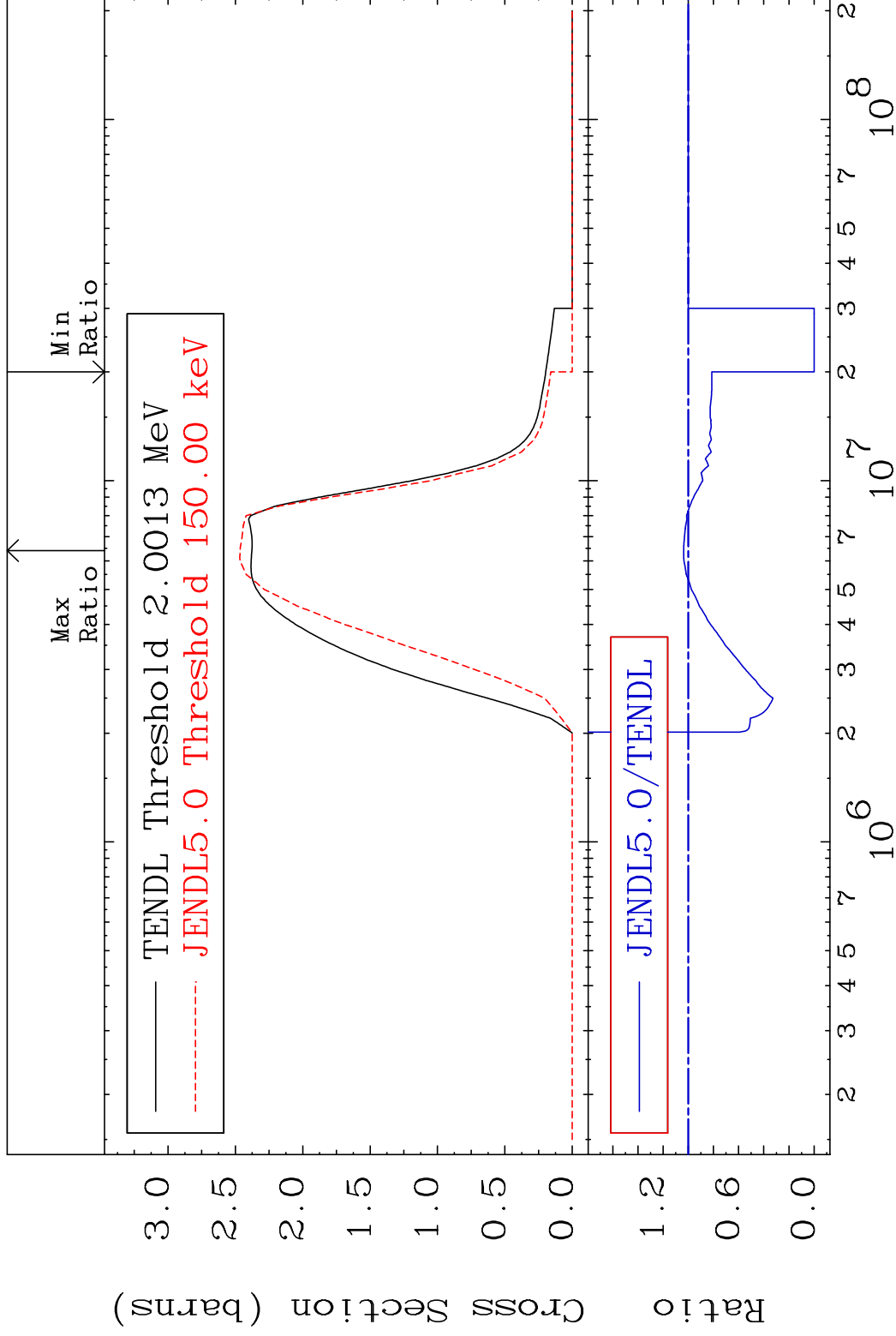


MAT 8043

(n, n') Continuum

80-Hg-202

Cross Section -100.0 To 3.673 %



40

Incident Energy (eV)

80-Hg-202

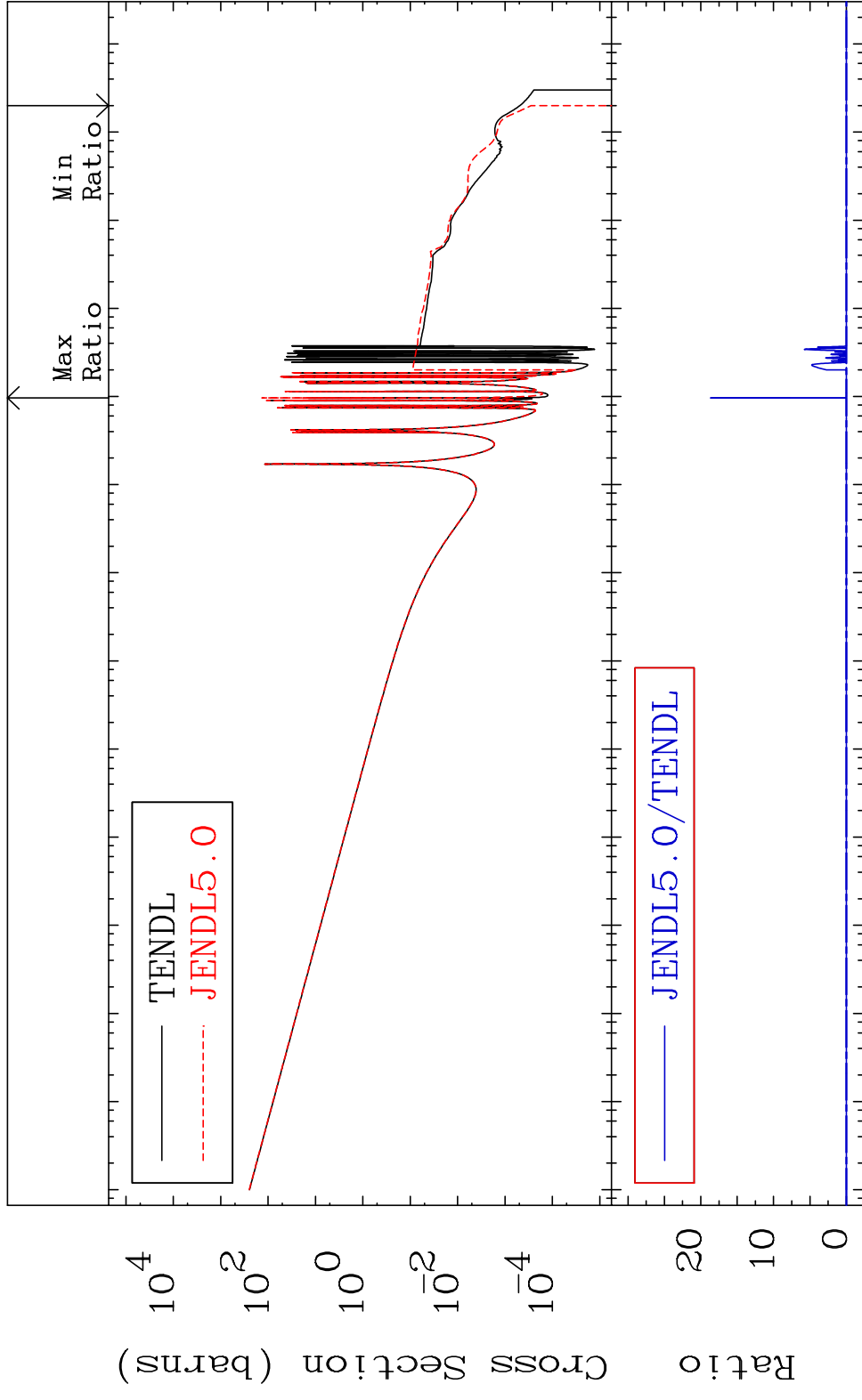
MAT 8043

(n, γ)

80-Hg-202

Cross Section

-100.0 To 9999. %



41

Incident Energy (eV)

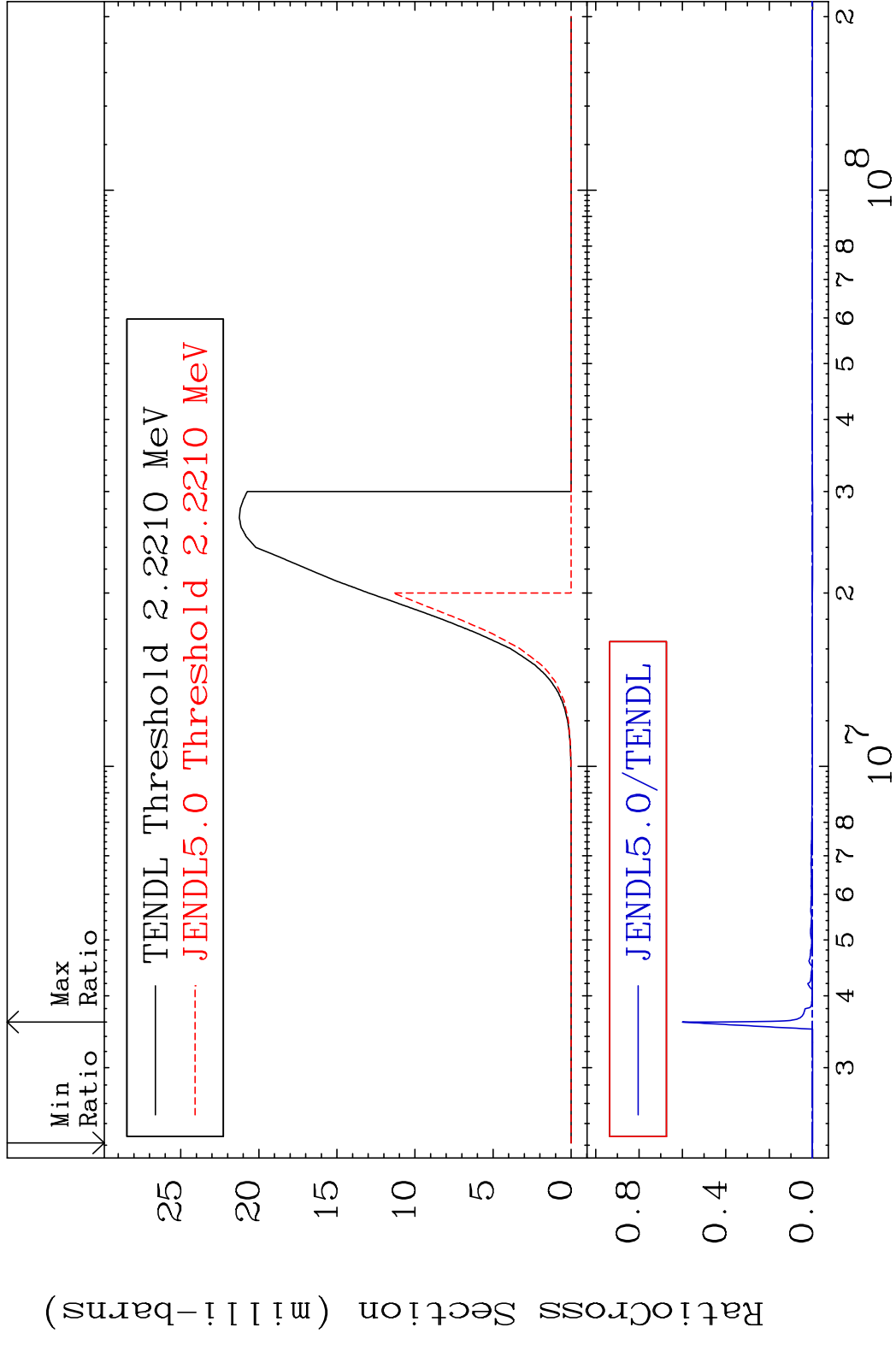
80-Hg-202

MAT 8043

(n, p)

80-Hg-202

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

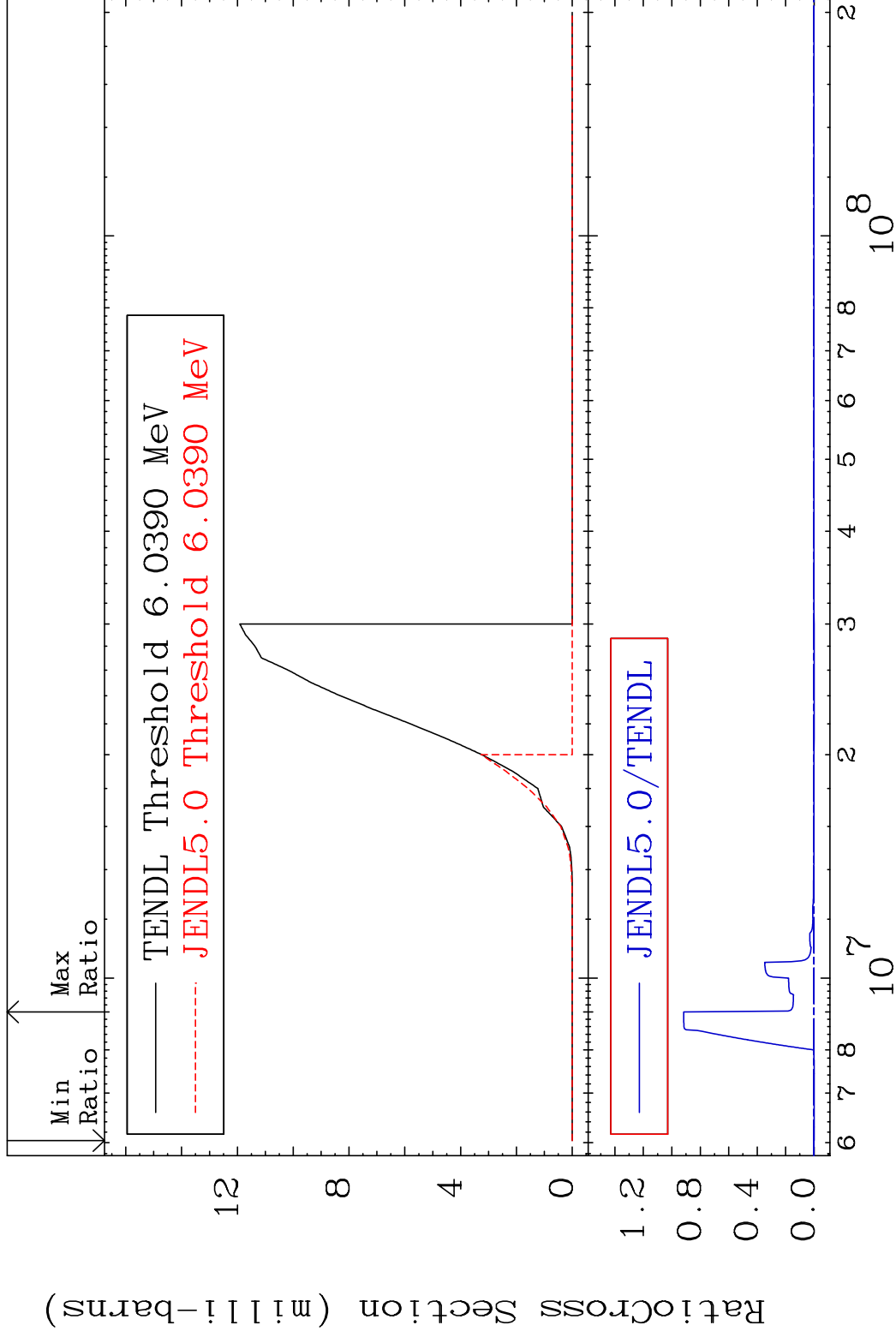
80-Hg-202

MAT 8043

(n,d)

80-Hg-202

Cross Section -100.0 To 9999. %

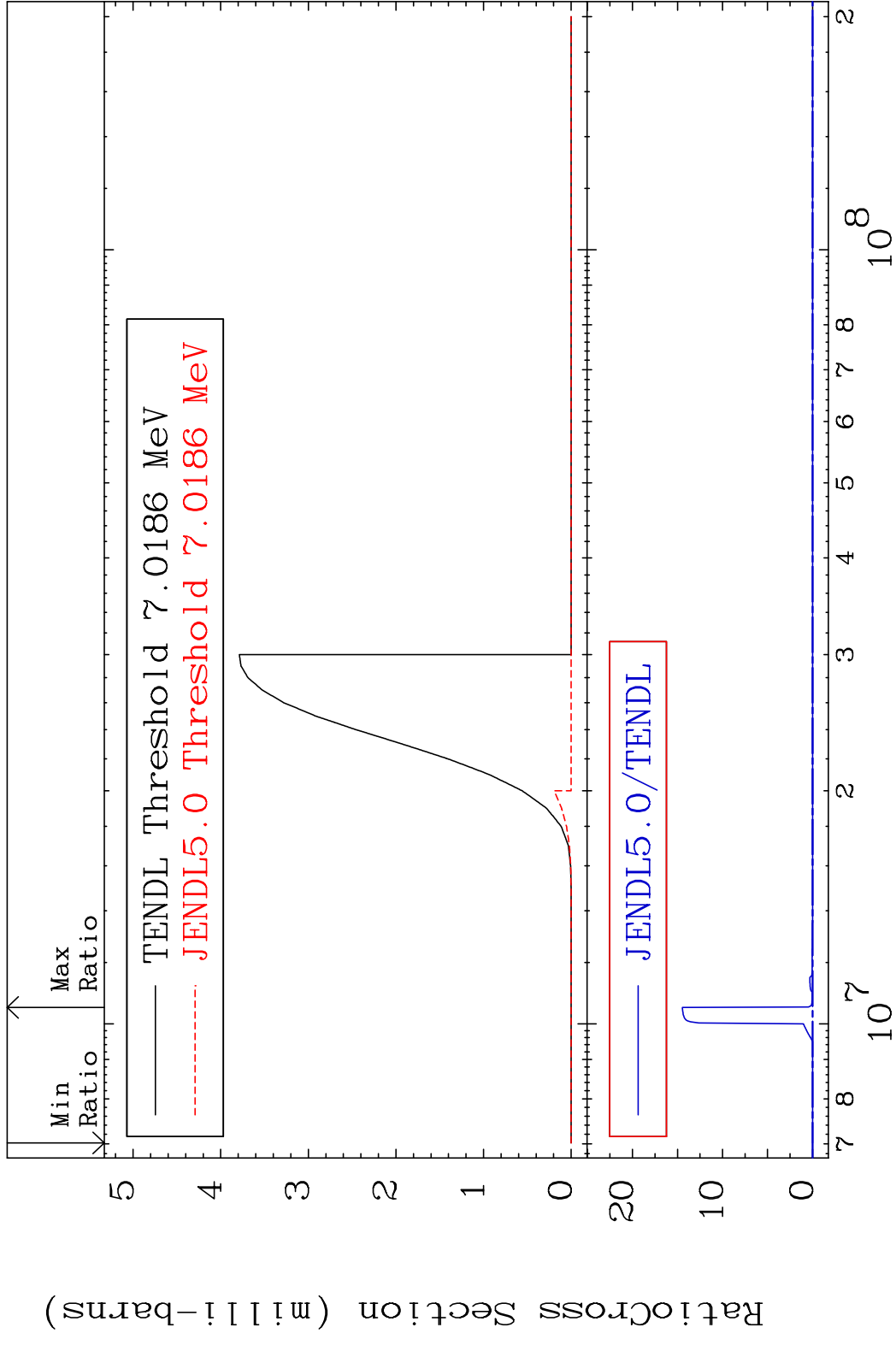


43

Incident Energy (eV)

80-Hg-202

MAT 8043 (n, t) 80-Hg-202
 Cross Section -100.0 To 9999. %

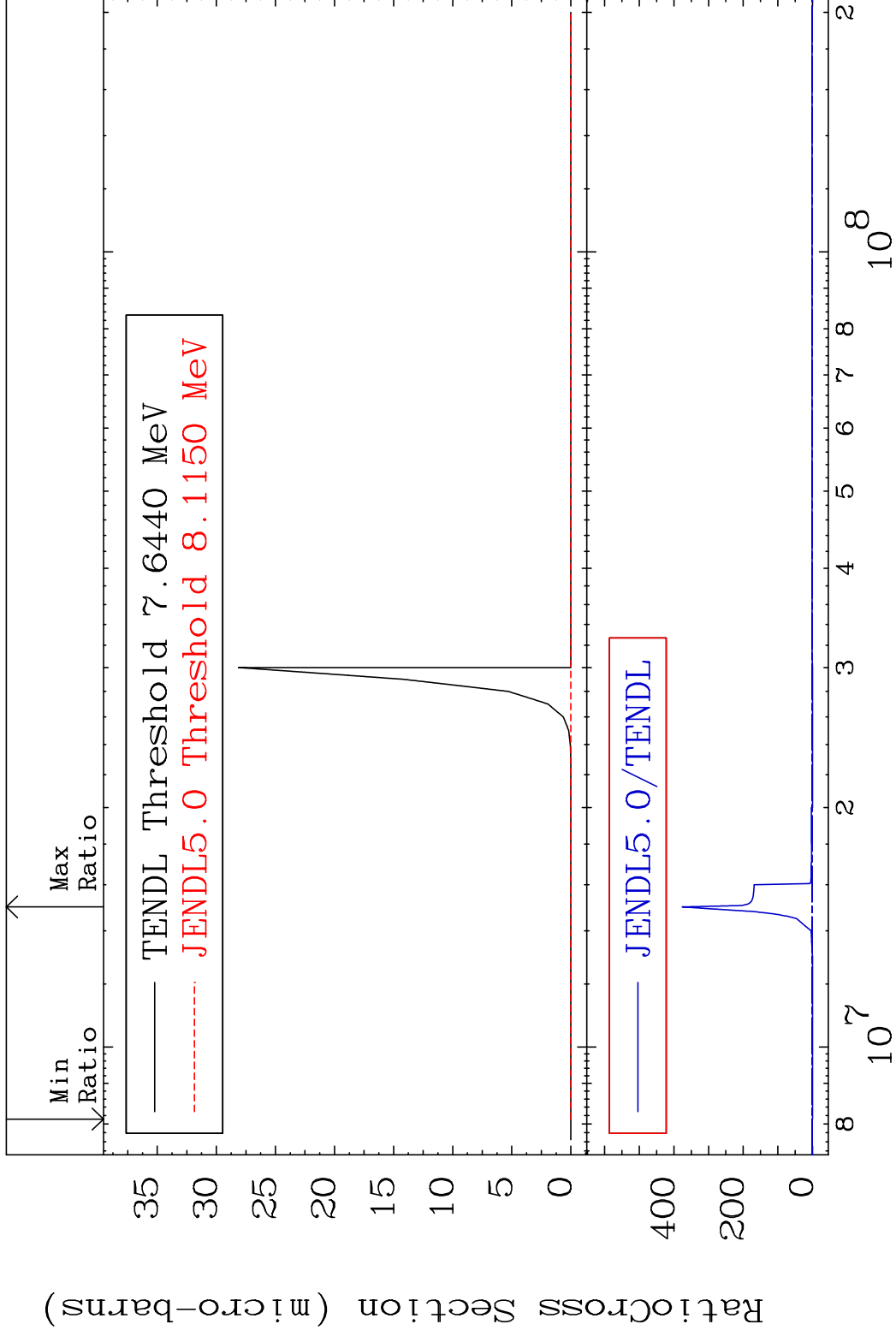


MAT 8043

(n, He-3)

80-Hg-202

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

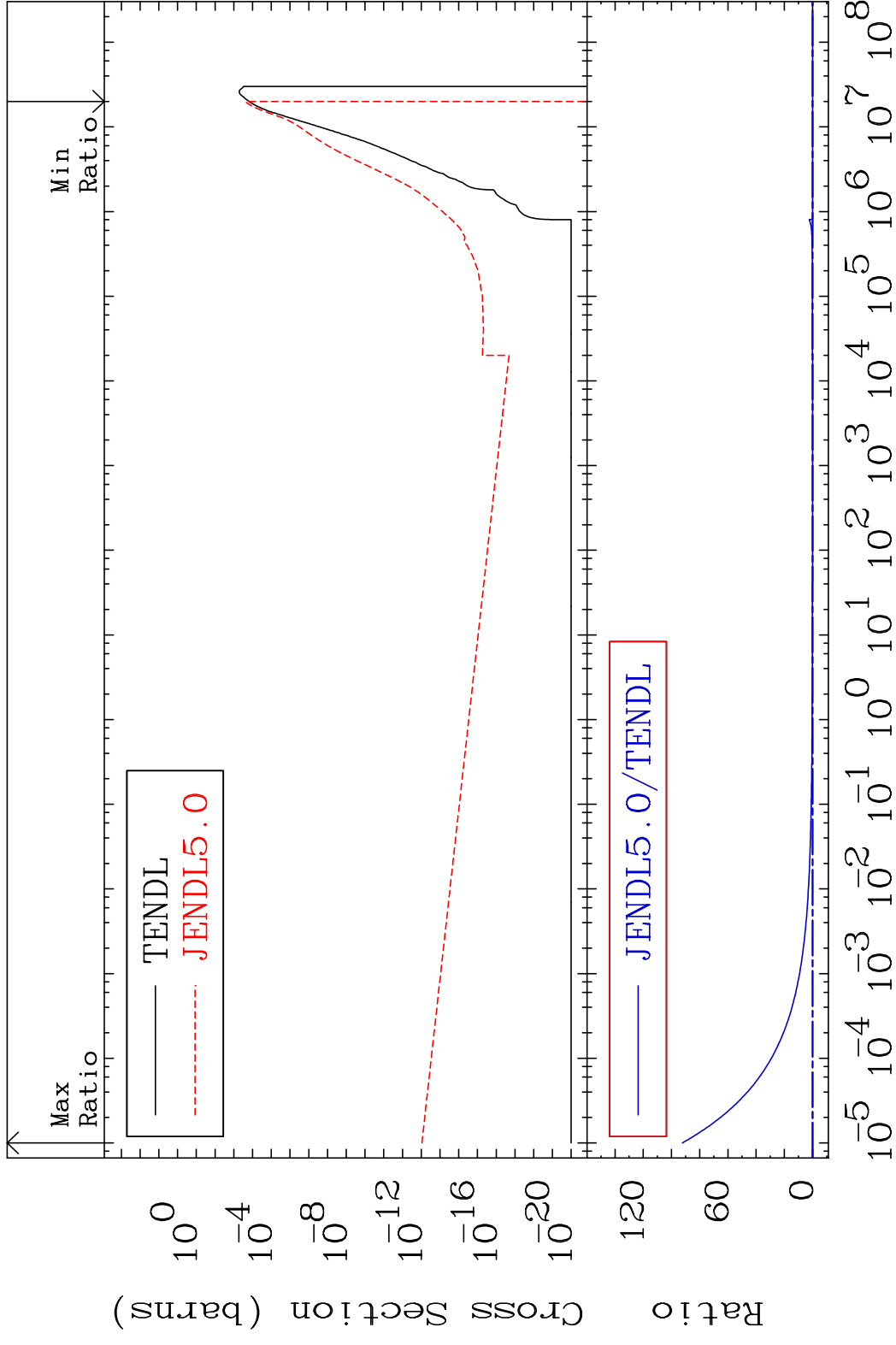
80-Hg-202

MAT 8043

(n, α)

80-Hg-202

Cross Section -100.0 To 9999. %

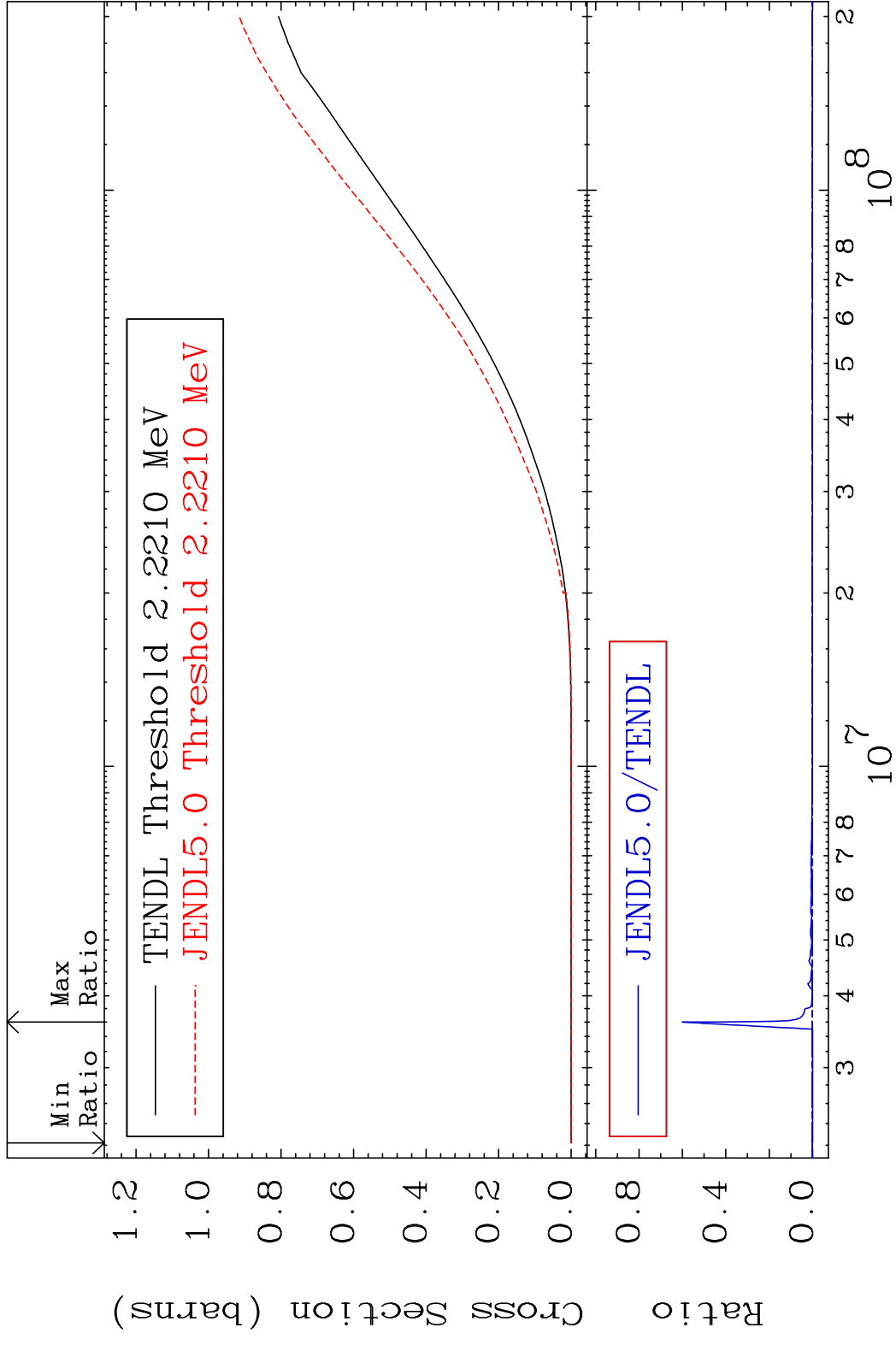


MAT 8043

Hydrogen Production

80-Hg-202

Cross Section -100.0 To 9999. %

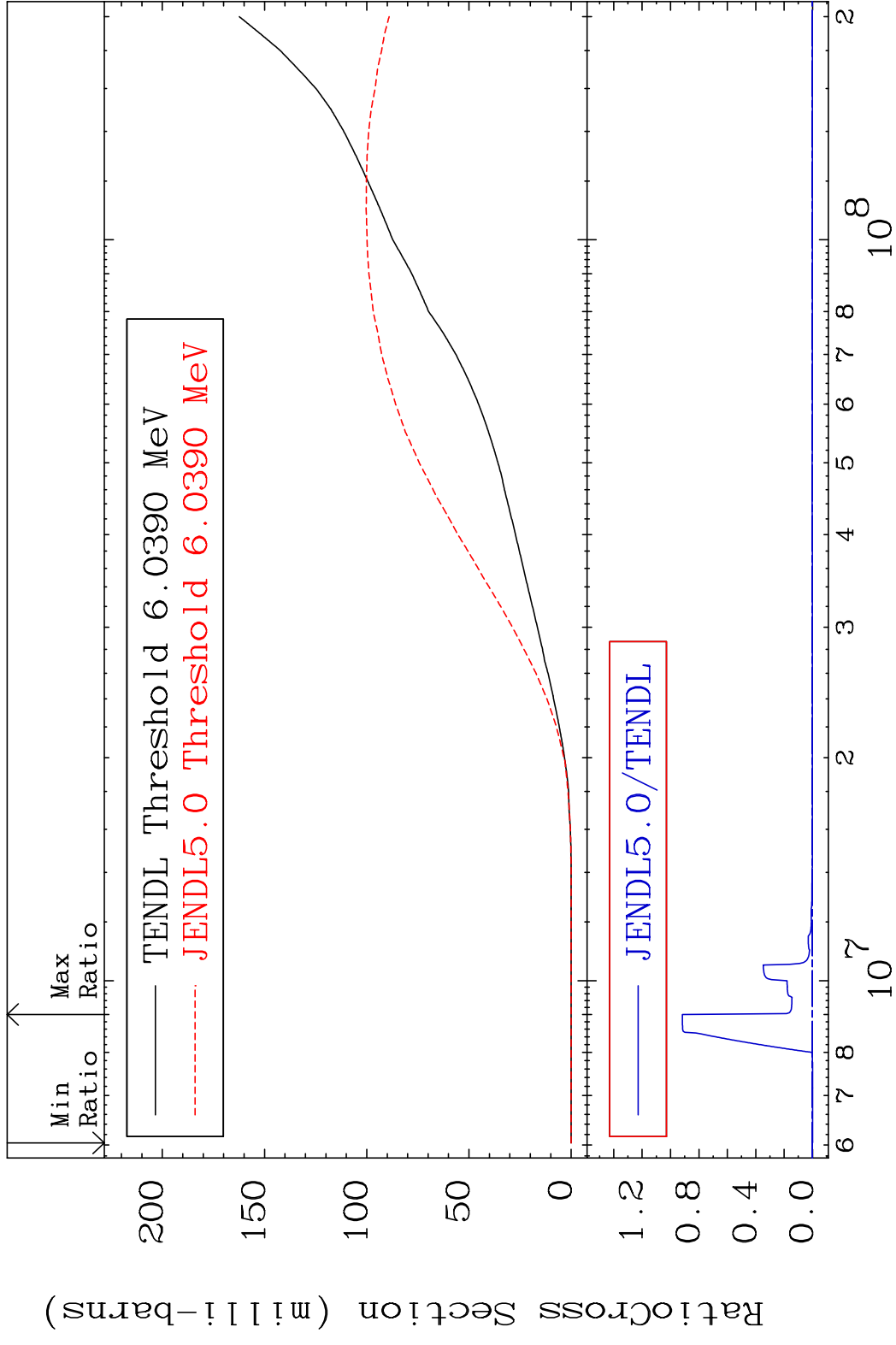


MAT 8043

Deuterium Production

80-Hg-202

Cross Section -100.0 To 9999. %

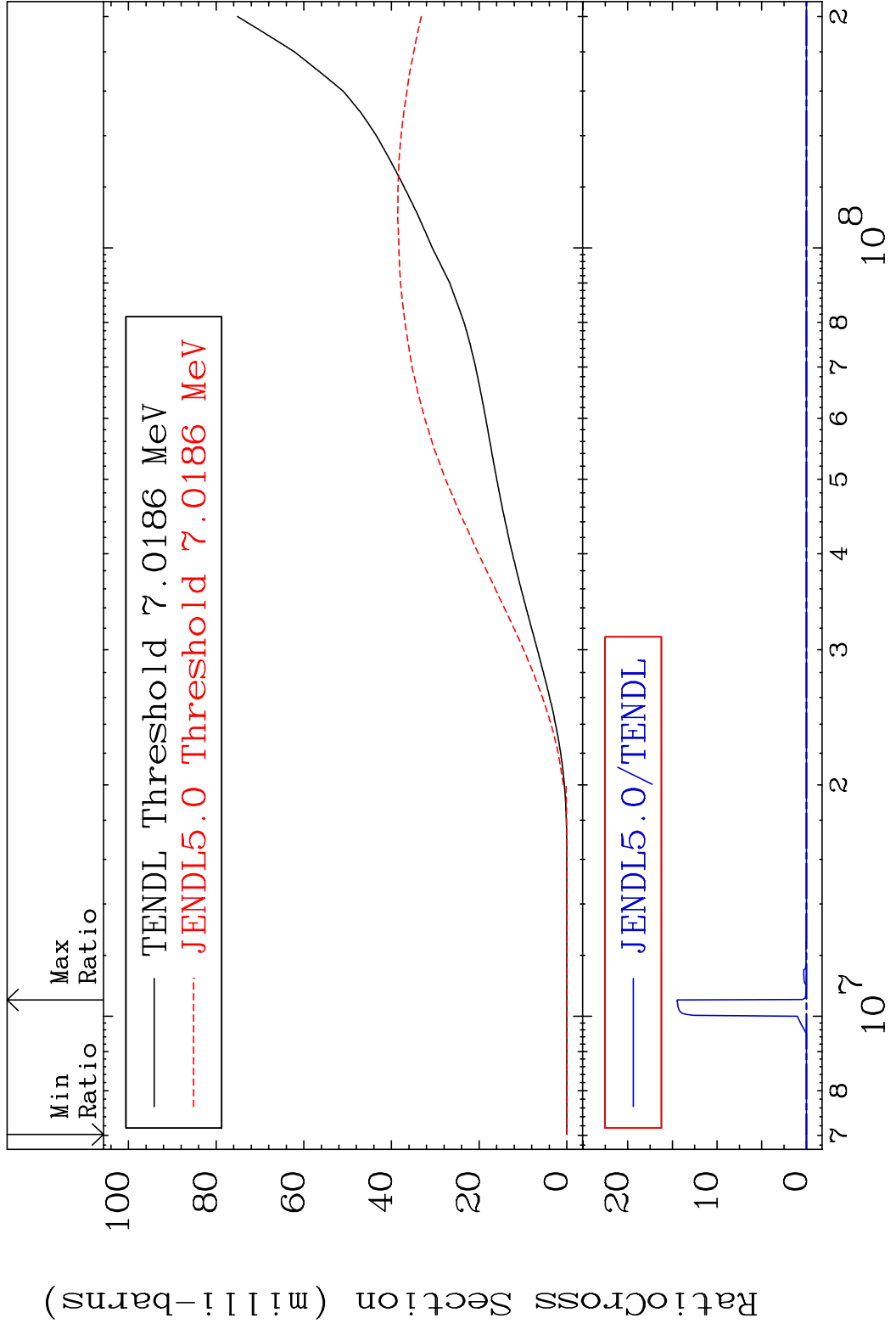


48

Incident Energy (eV)

80-Hg-202

MAT 8043 Tritium Production 80-Hg-202
 Cross Section -100.0 To 9999. %



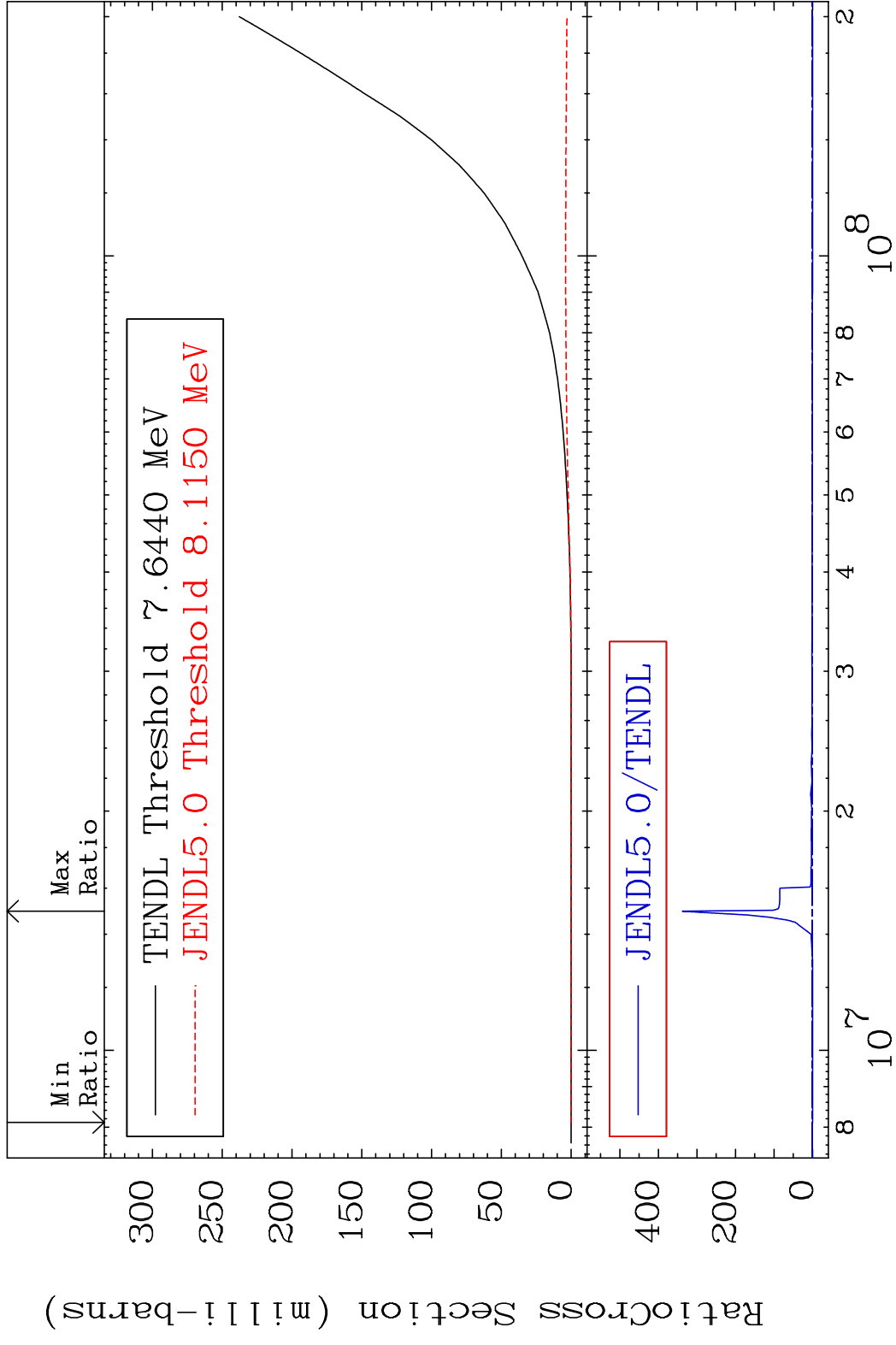
49 80-Hg-202

MAT 8043

He-3 Production

80-Hg-202

Cross Section -100.0 To 9999. %

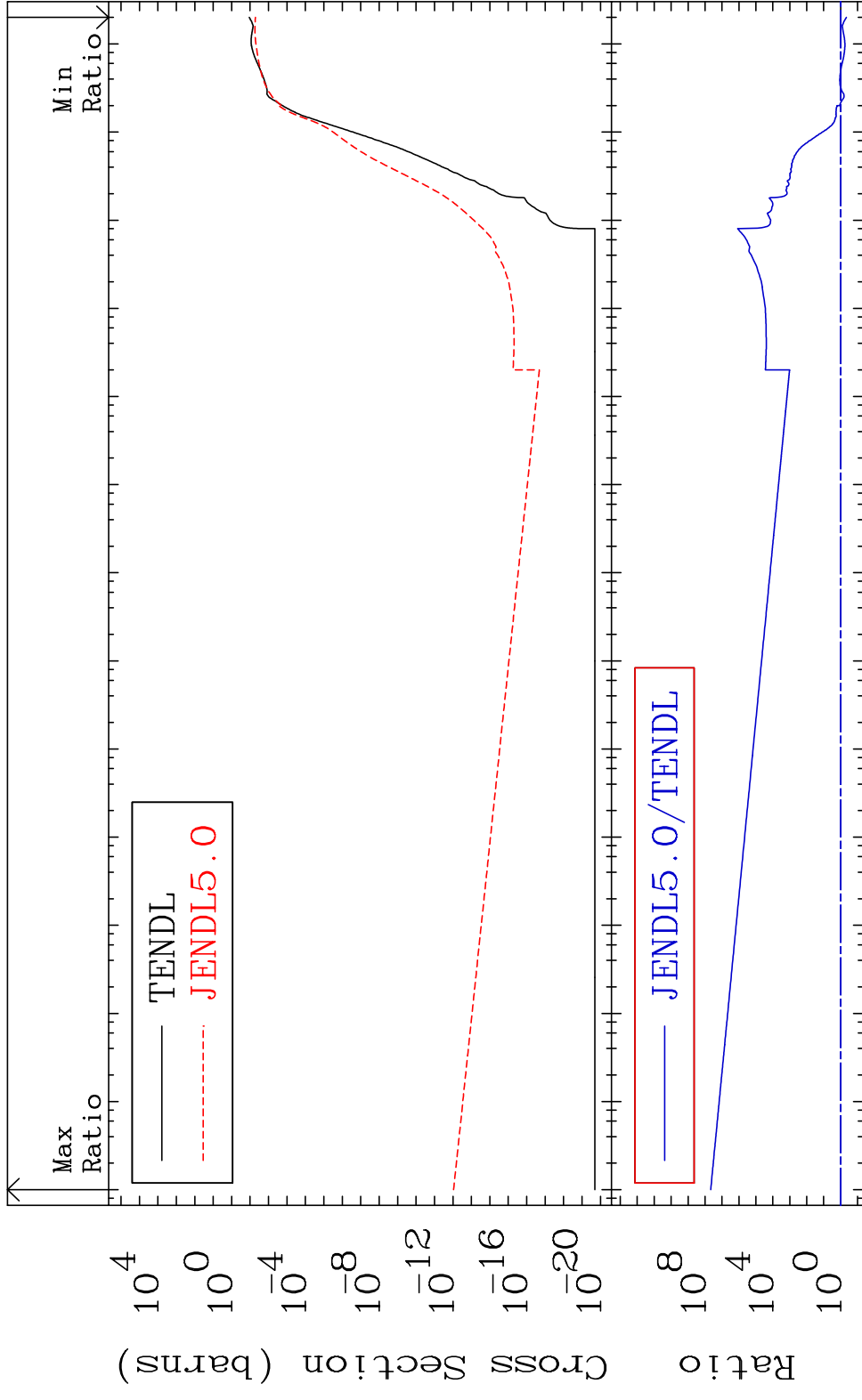


50

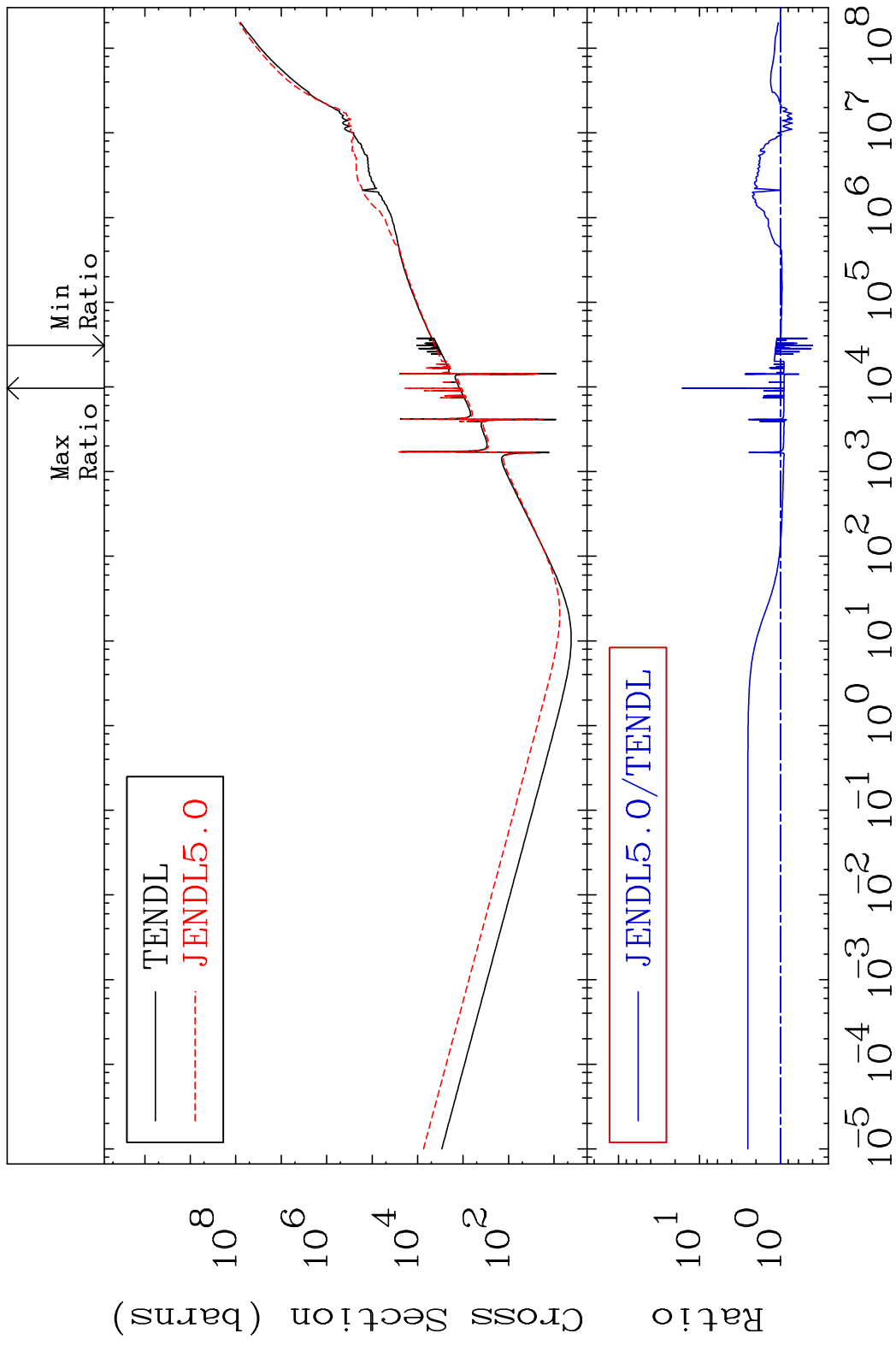
Incident Energy (eV)

80-Hg-202

MAT 8043 He-4 Production 80-Hg-202
 Cross Section -53.88 To 9999. %



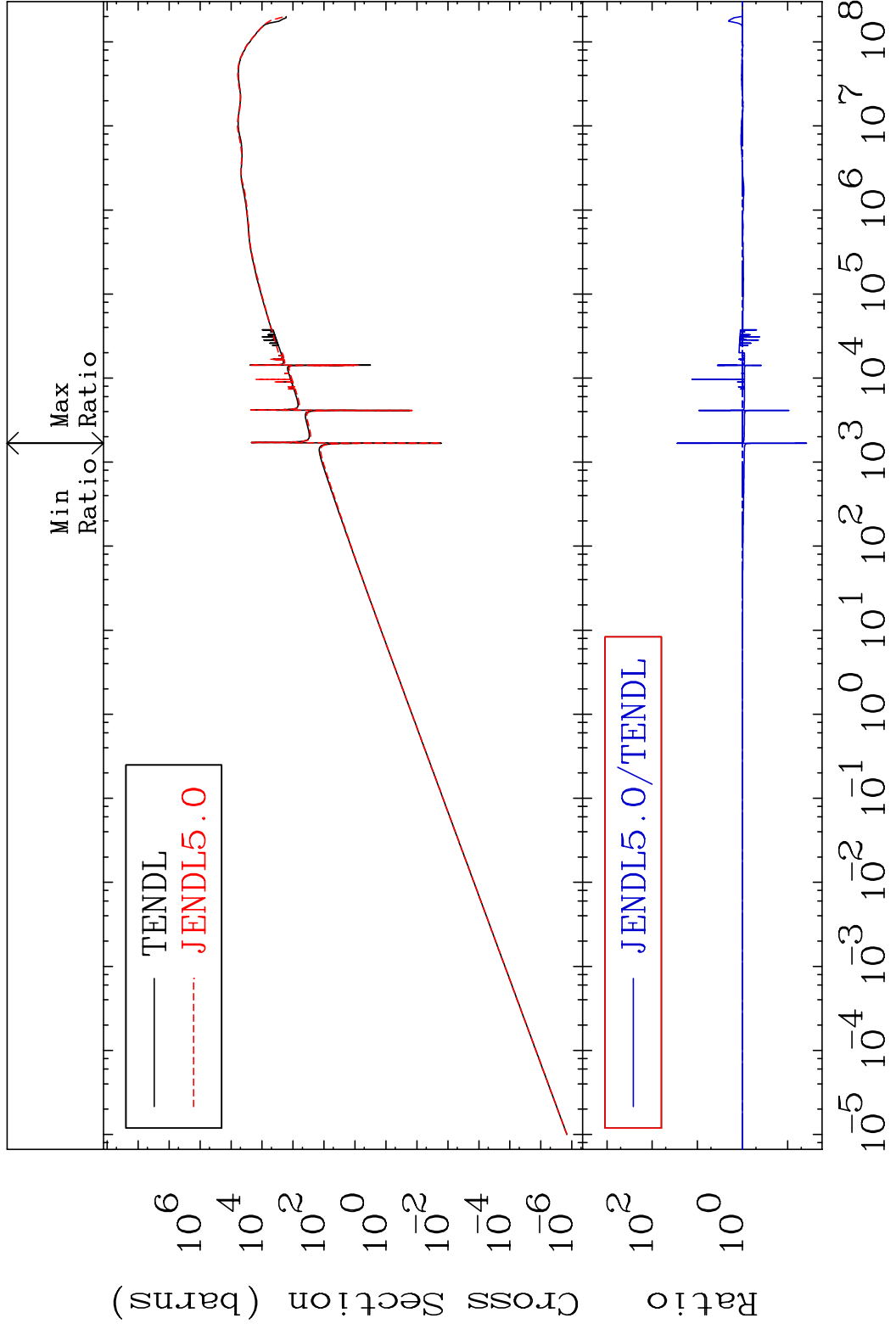
MAT 8043 Kerma total (eV-barns) 80-Hg-202
 Cross Section -59.92 To 1527. %



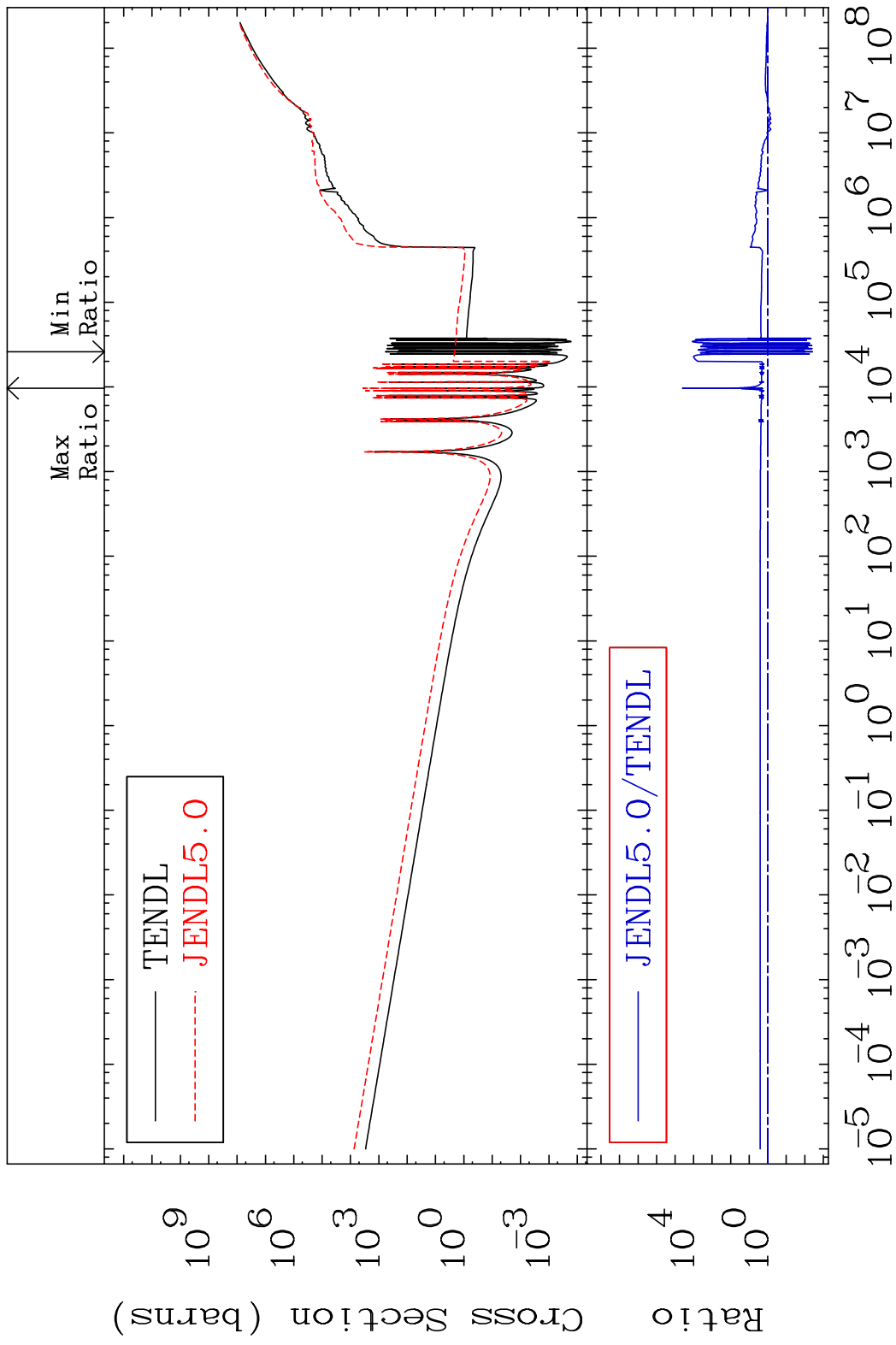
MAT 8043

Kerma elastic
Cross Section

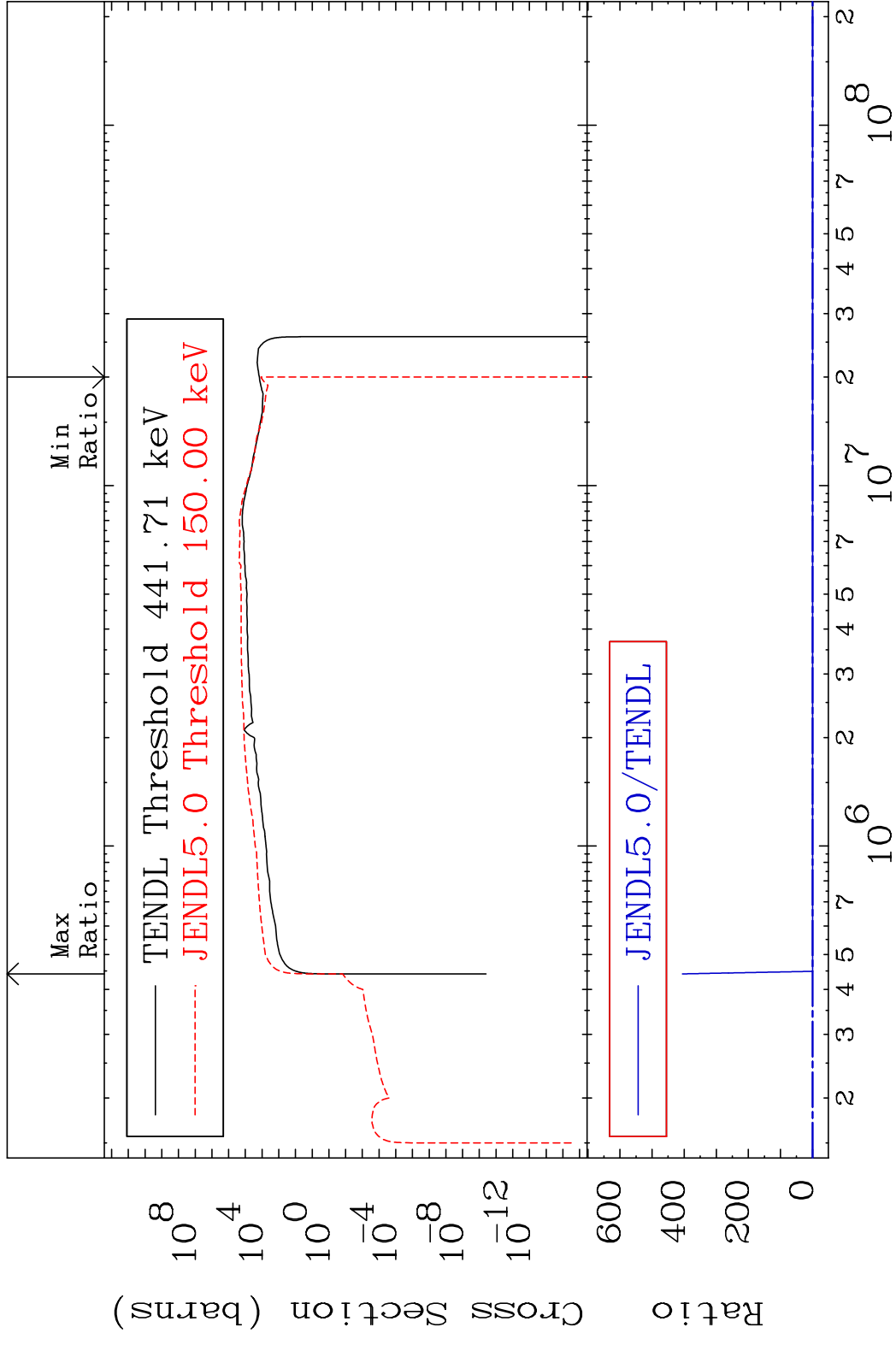
80-Hg-202
-96.17 To 2693. %



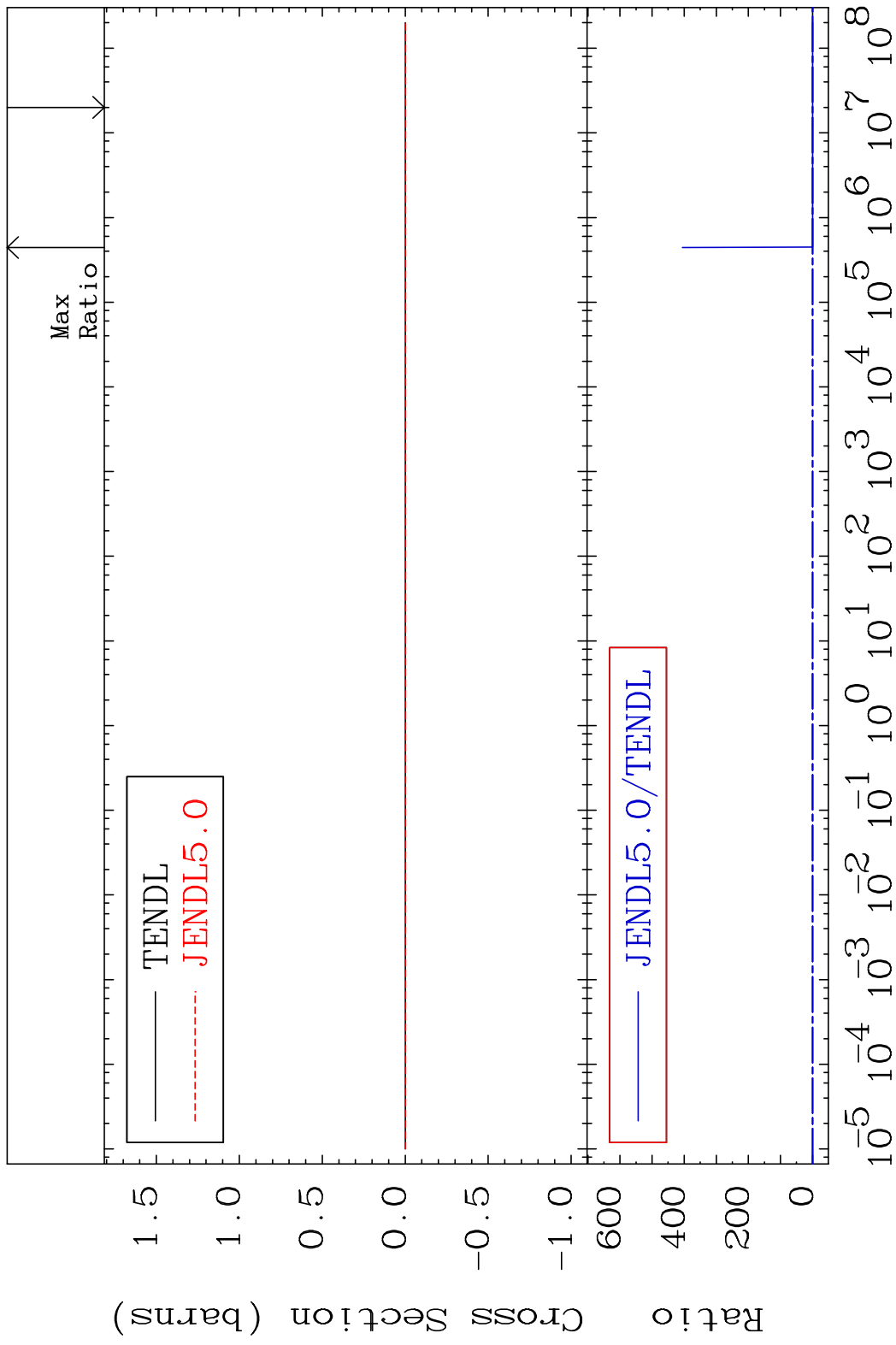
MAT 8043 Kerma non-elastic (all but mt2) 80-Hg-202
 Cross Section -99.62 To 9999. %



MAT 8043 Kerma inelastic (mt51-91) 80-Hg-202
 Cross Section -100.0 To 9999. %

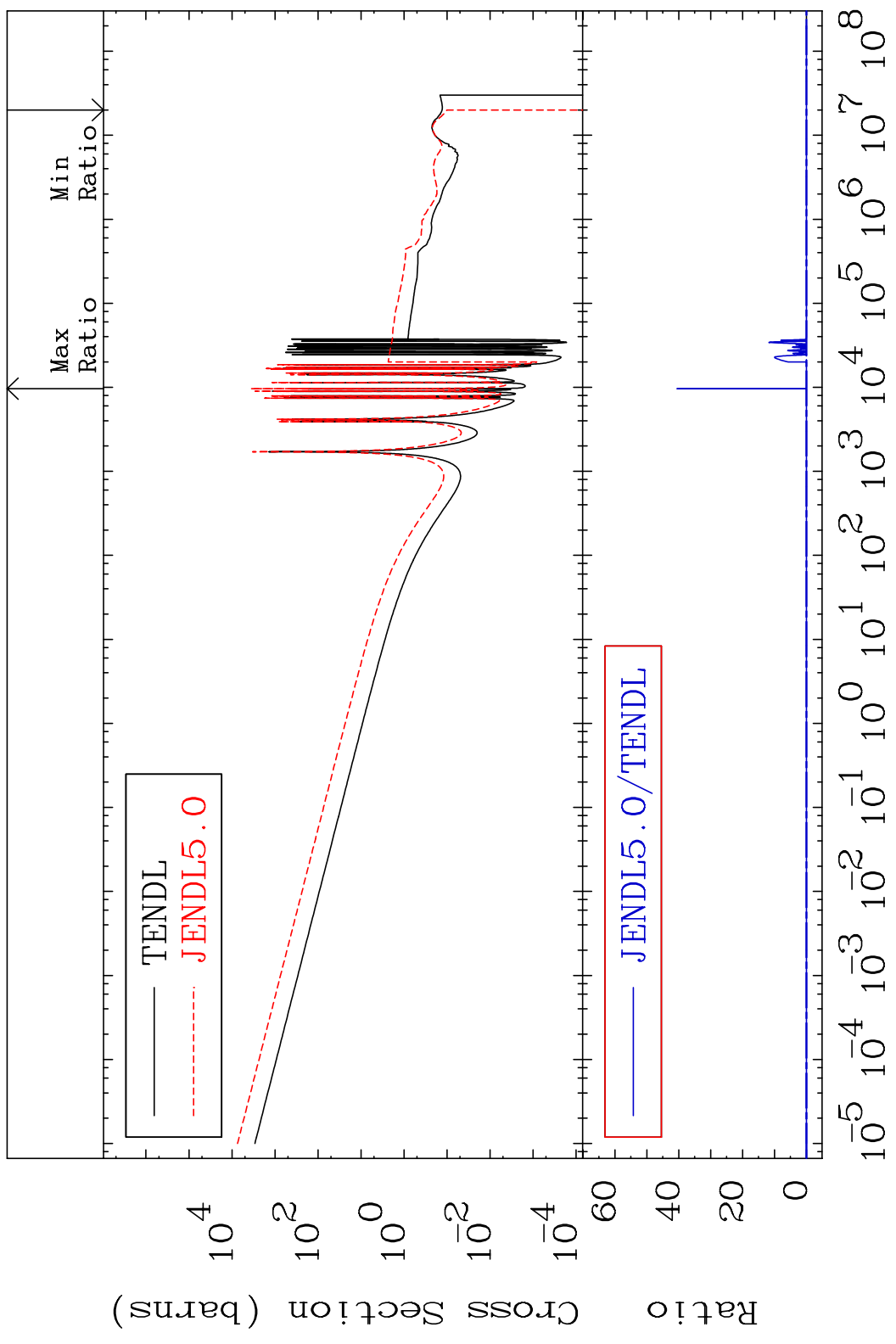


MAT 8043 Kerma fission (mt18 or mt19-20-21-38)80-Hg-202
 Cross Section -100.0 To 9999. %



MAT 8043

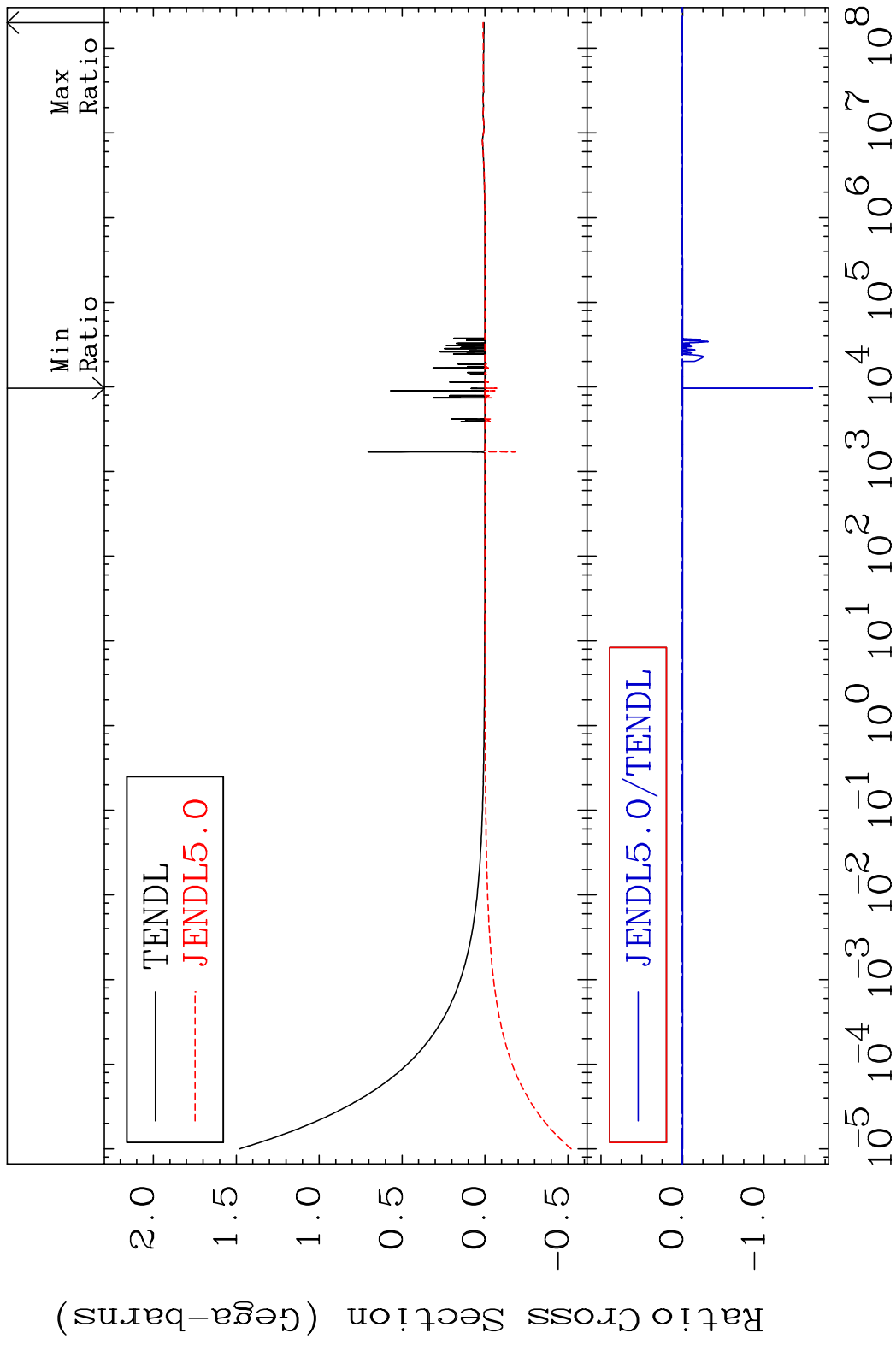
Kerma capture (mt102) 80-Hg-202
Cross Section -100.0 To 9999. %



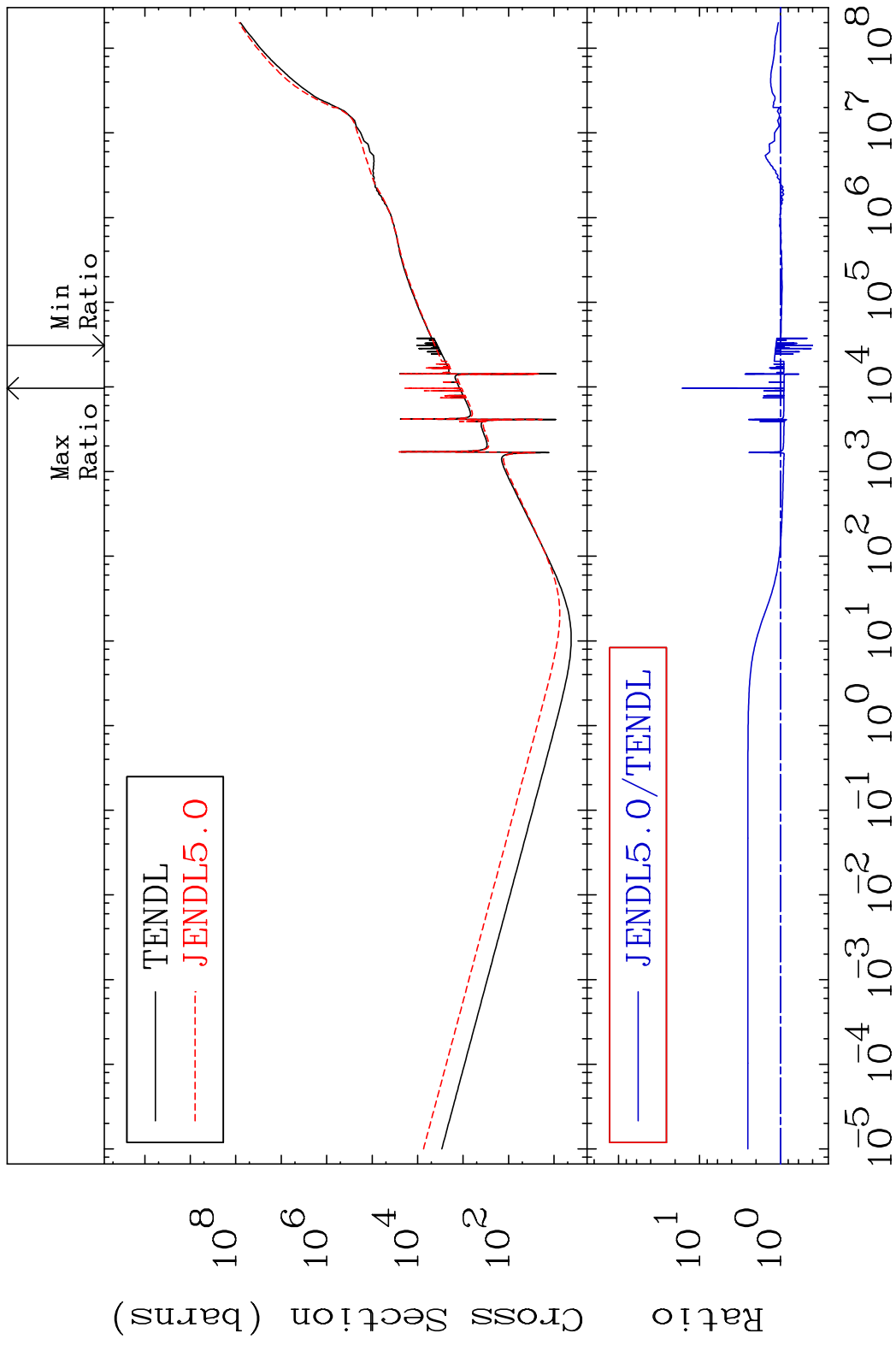
57

Incident Energy (eV) 80-Hg-202

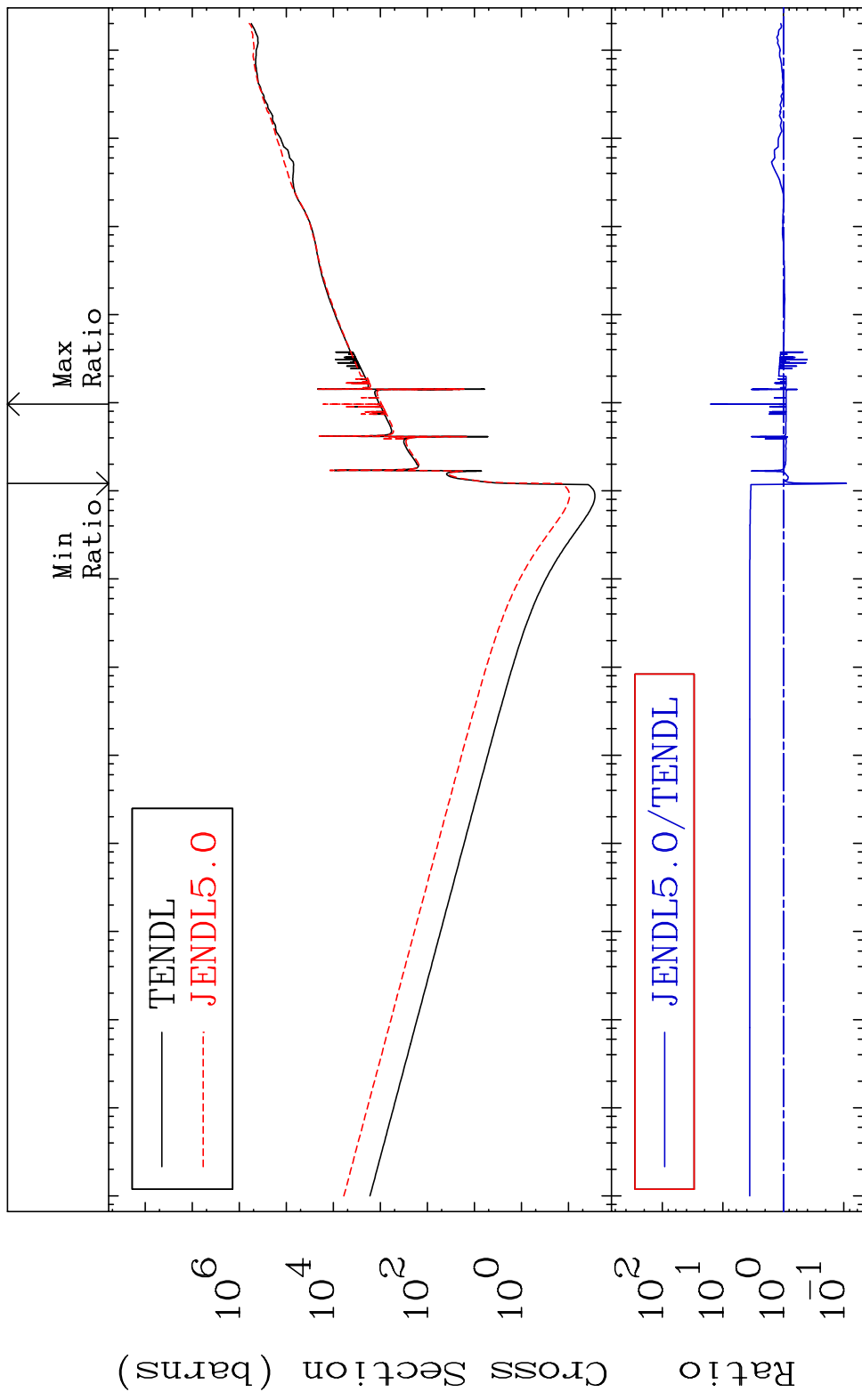
MAT 8043 Total photon (eV-barns) 80-Hg-202
Cross Section -9999. To 98.07 %



MAT 8043 Total kinematic kerma (high limit) 80-Hg-202
 Cross Section -59.92 To 1527. %



MAT 8043 Dpa total (eV-barns) 80-Hg-202
Cross Section -90.90 To 1487. %



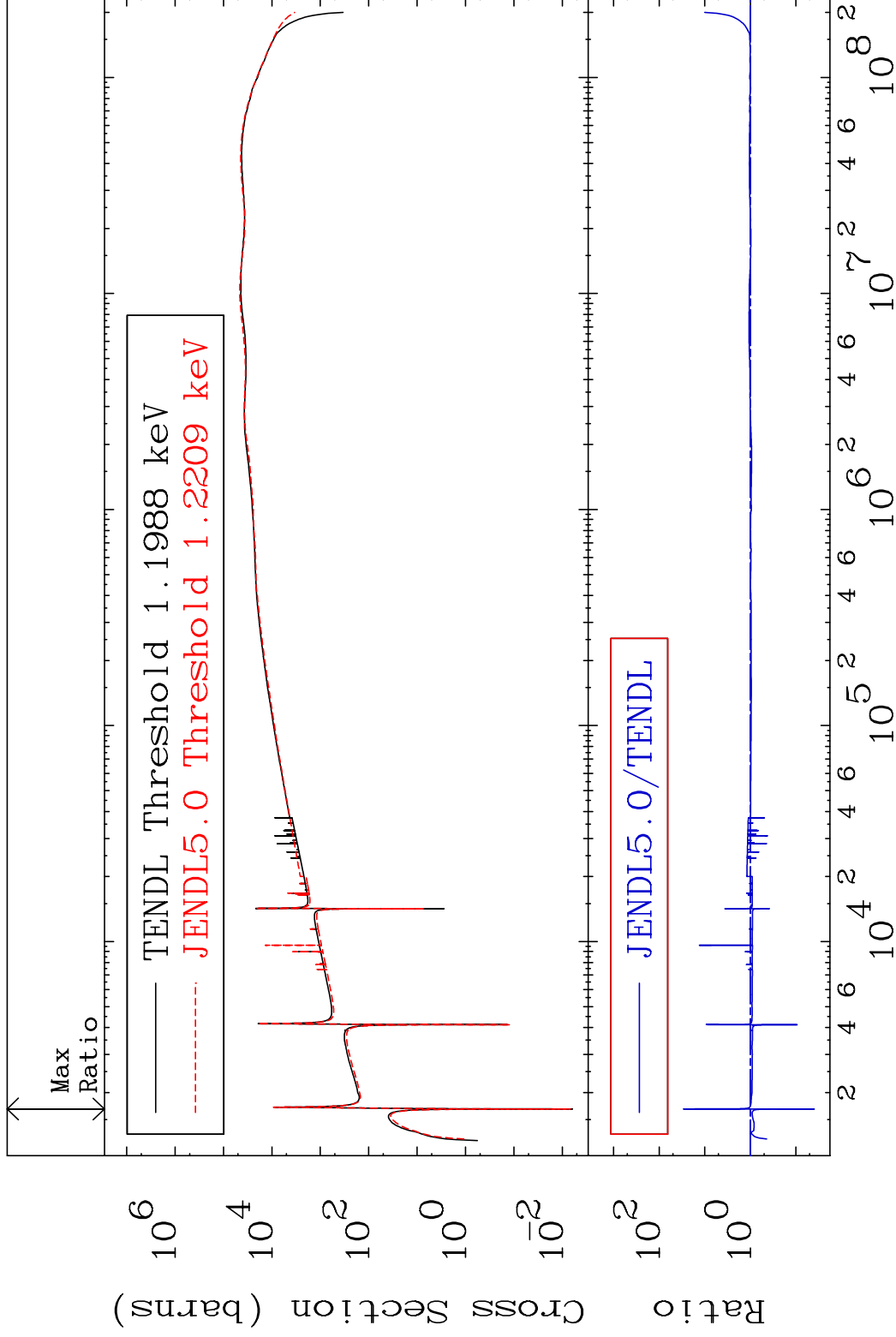
60 Incident Energy (eV) 80-Hg-202

MAT 8043

Dpa elastic (mt2)

80-Hg-202

Cross Section -96.02 To 2803. %

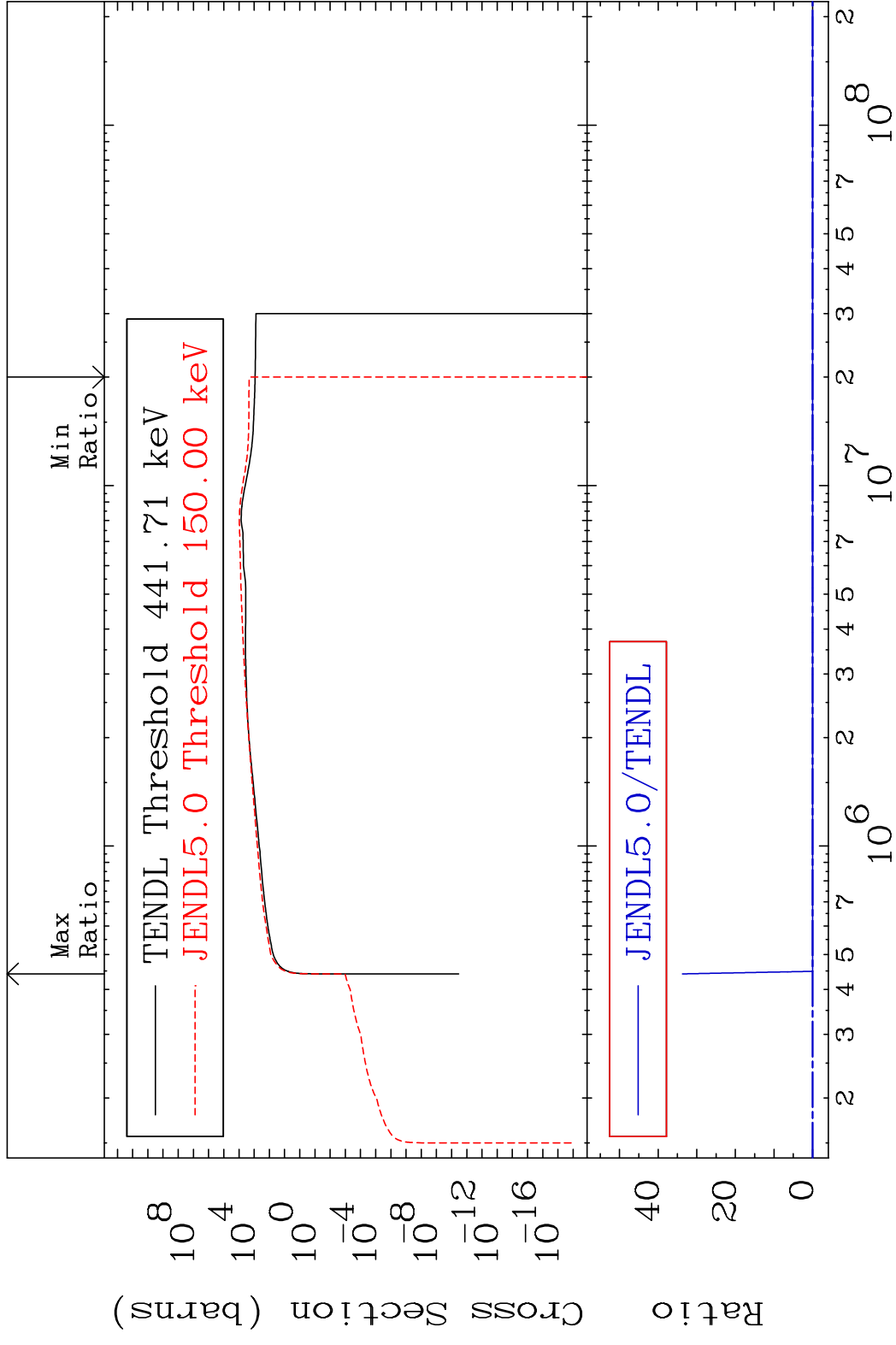


61

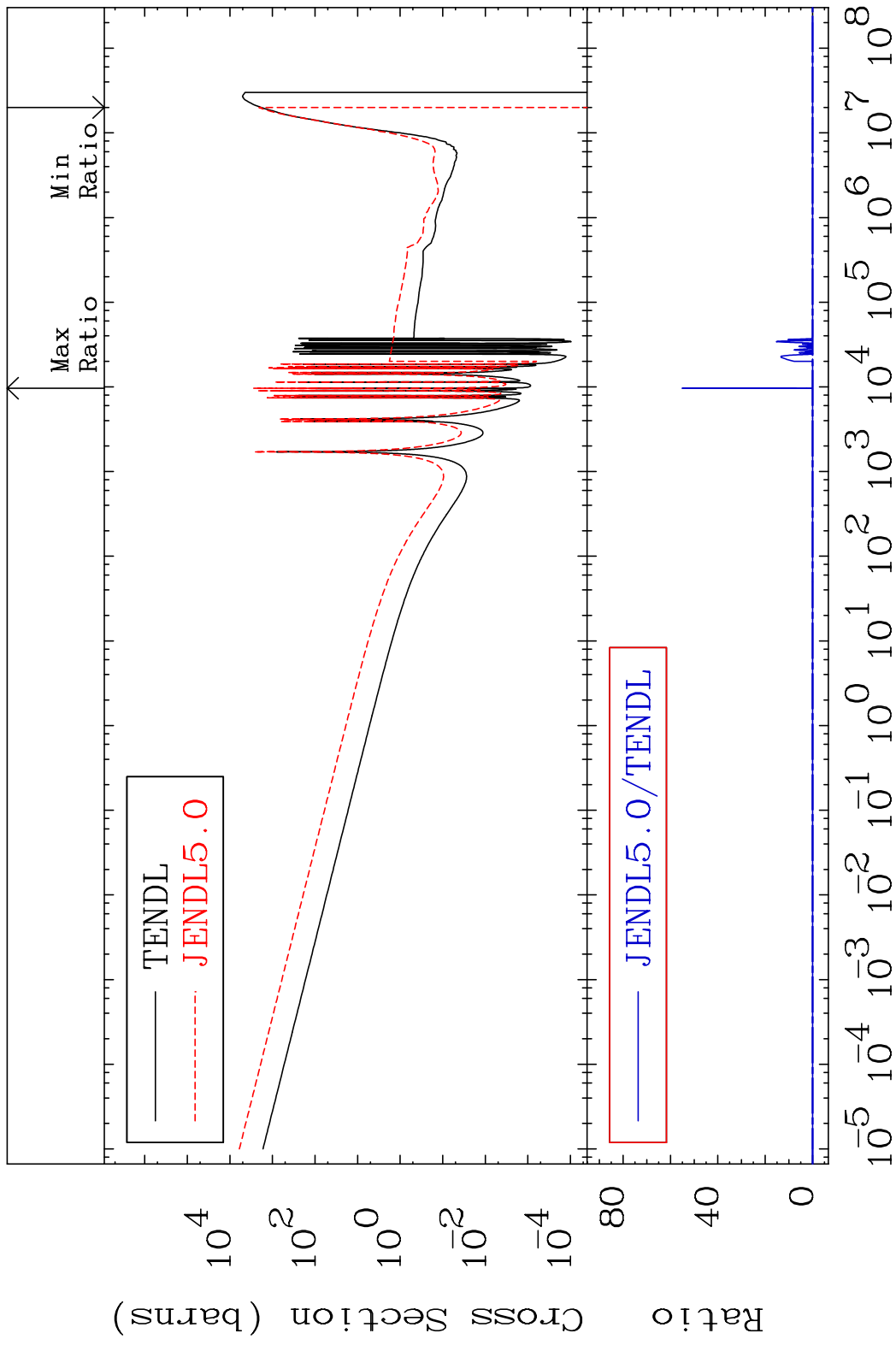
Incident Energy (eV)

80-Hg-202

MAT 8043 Dpa inelastic (mt51-91) 80-Hg-202
 Cross Section -100.0 To 9999. %

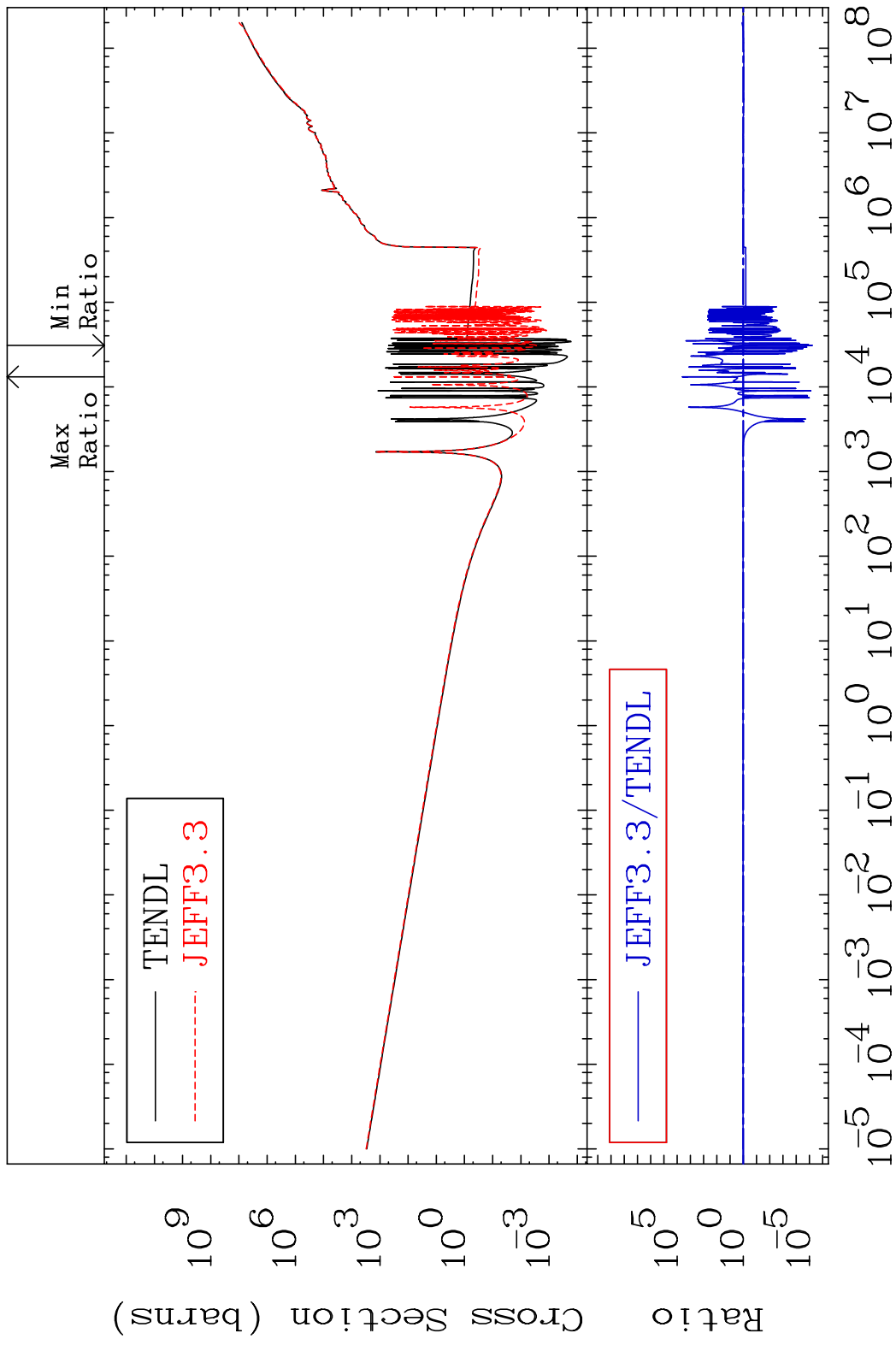


MAT 8043 Dpa disappearance (mt102 -120) 80-Hg-202
 Cross Section -100.0 To 9999. %

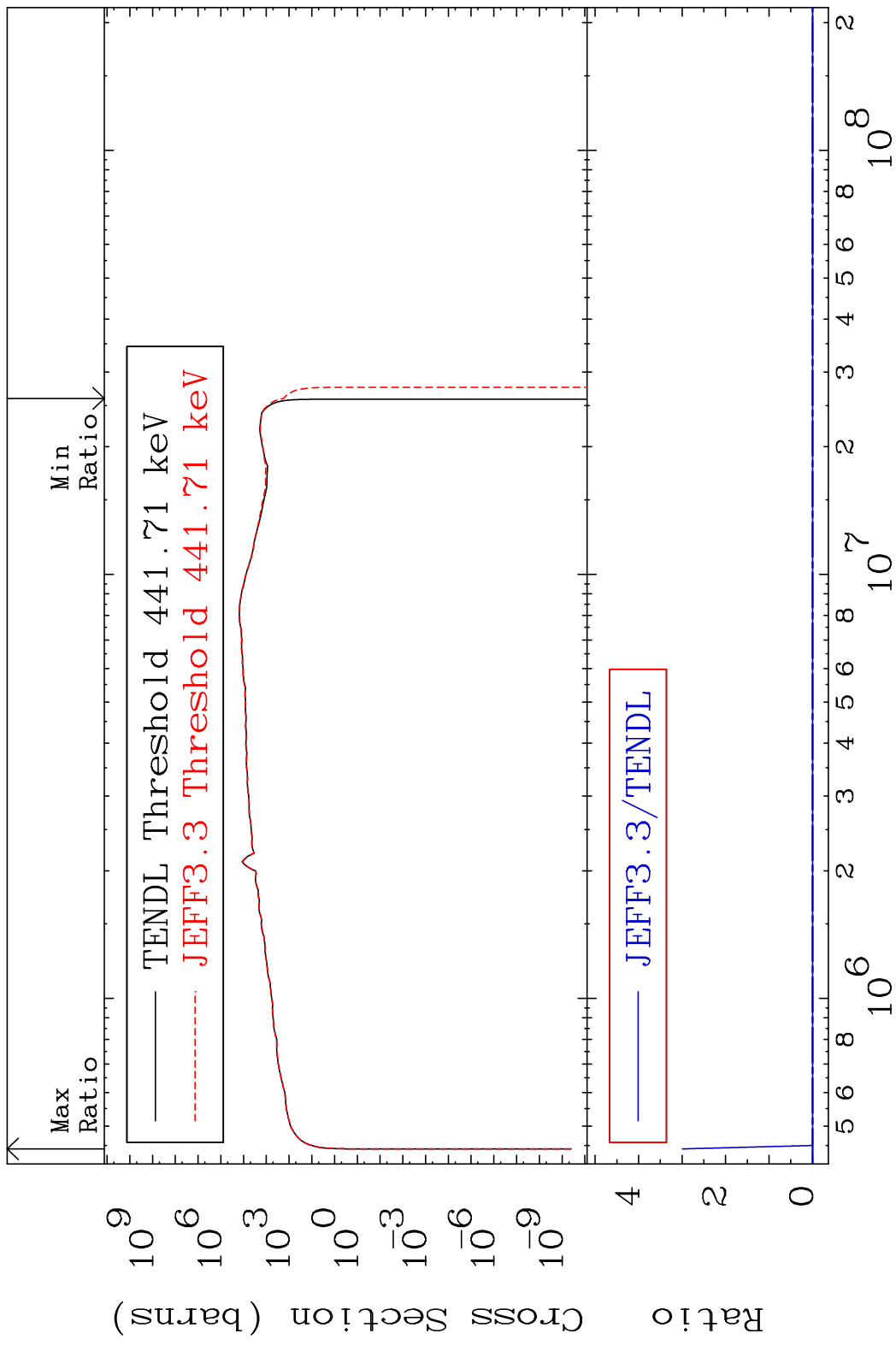


63 Incident Energy (eV) 80-Hg-202

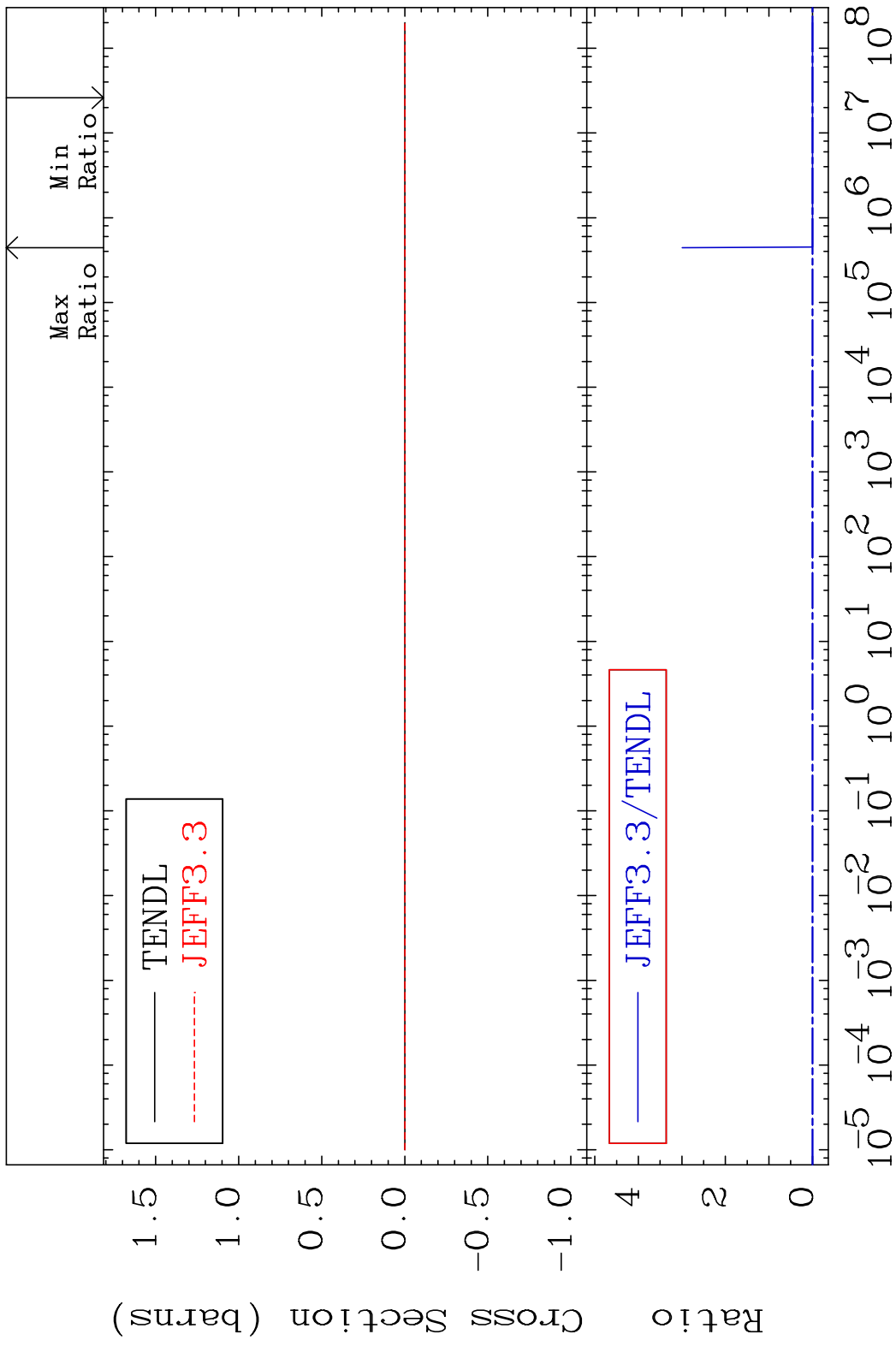
MAT 8043 Kerma non-elastic (all but mt2) 80-Hg-202
 Cross Section -100.0 To 9999. %



MAT 8043 Kerma inelastic (mt51-91) 80-Hg-202
 Cross Section -286.3 To 9999. %

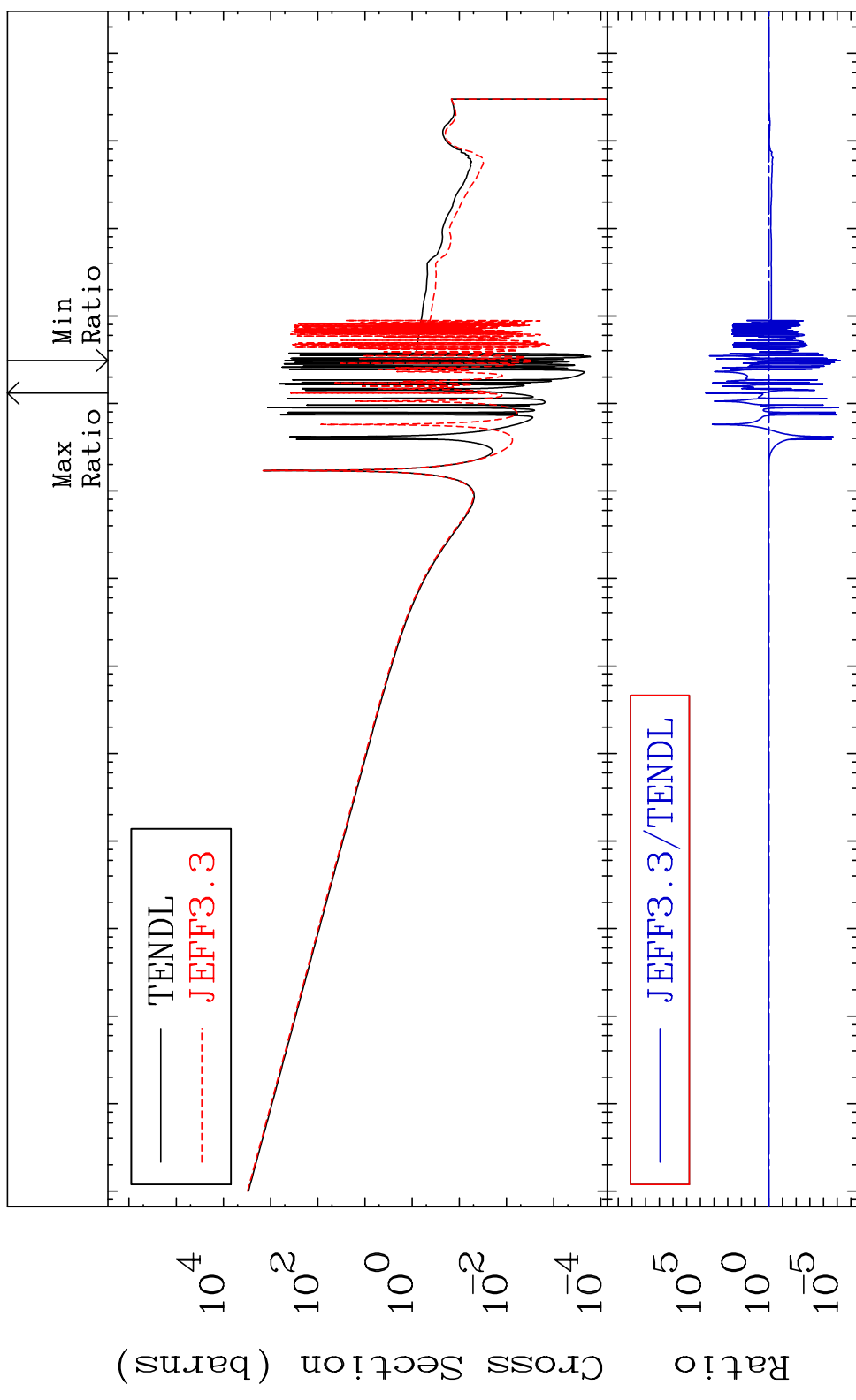


MAT 8043 Kerma fission (mt18 or mt19-20-21-38) 80-Hg-202
 Cross Section -286.3 To 9999. %



MAT 8043

Kerma capture (mt102) 80-Hg-202
Cross Section -100.0 To 9999. %

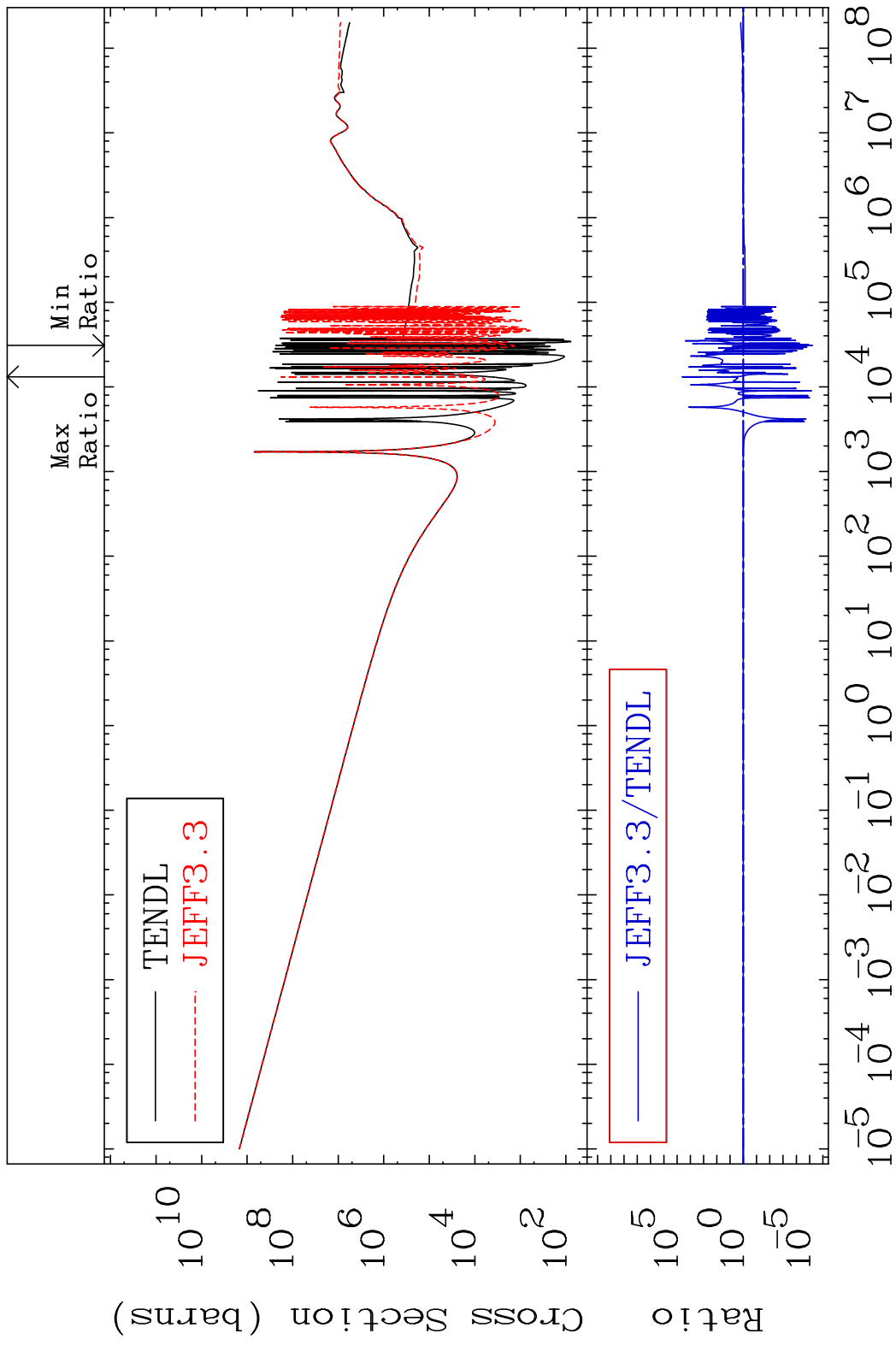


67

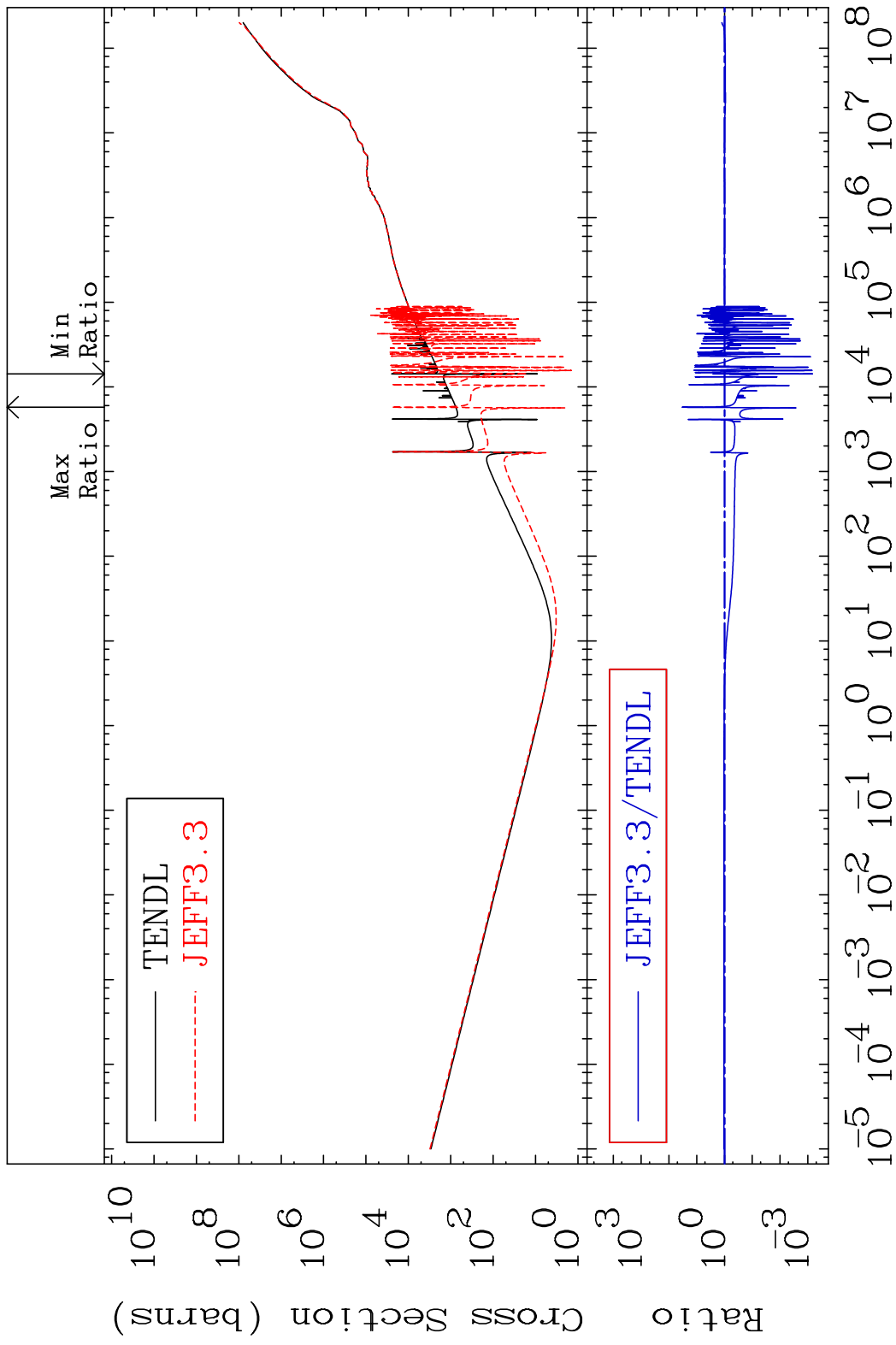
Incident Energy (eV)

80-Hg-202

MAT 8043 Total photon (eV-barns) 80-Hg-202
 Cross Section -100.0 To 9999. %



MAT 8043 Total kinematic kerma (high limit) 80-Hg-202
 Cross Section -99.93 To 3188. %

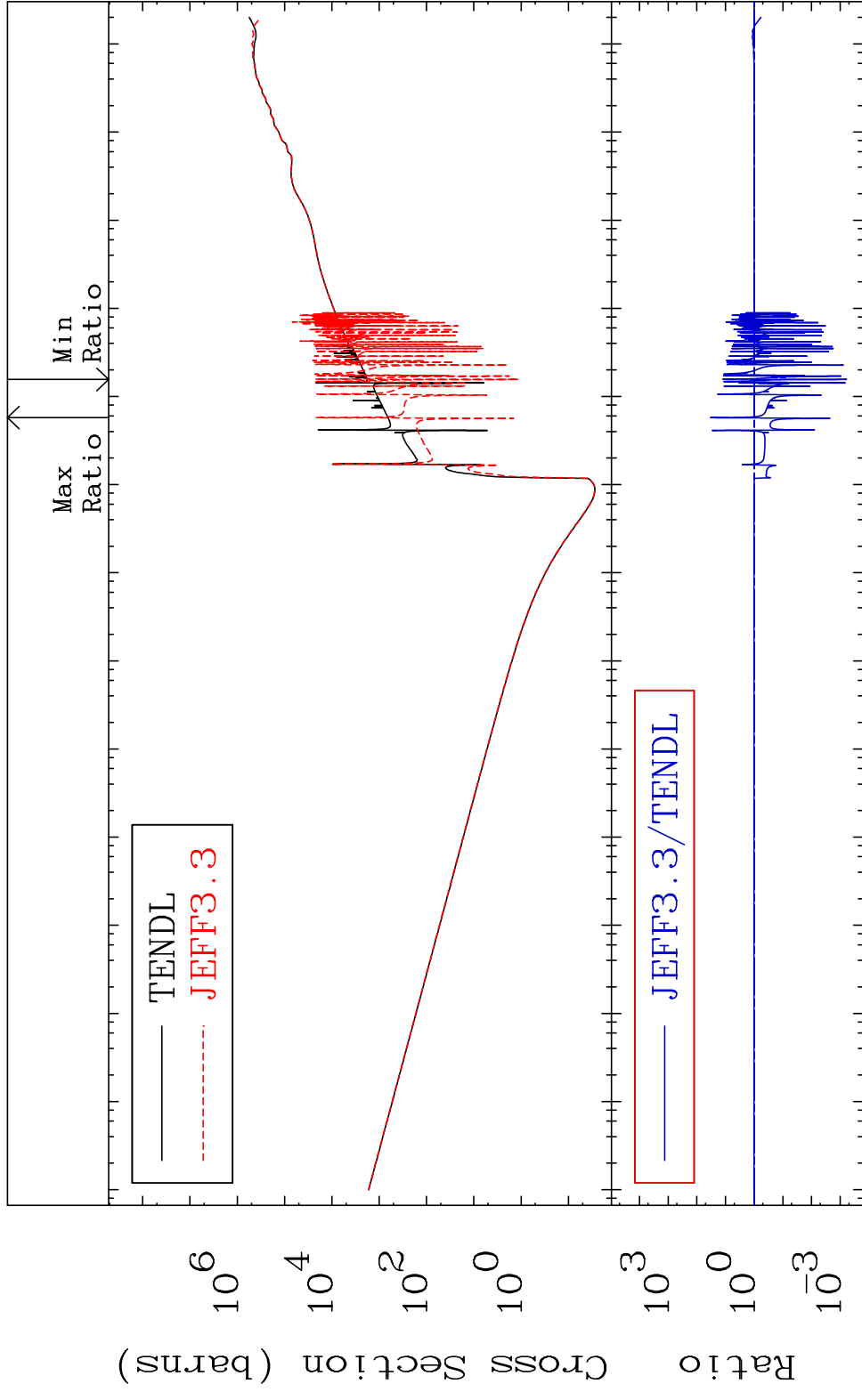


MAT 8043

Dpa total (eV-barns)

80-Hg-202

Cross Section -99.94 To 3184. %



70

Incident Energy (eV)

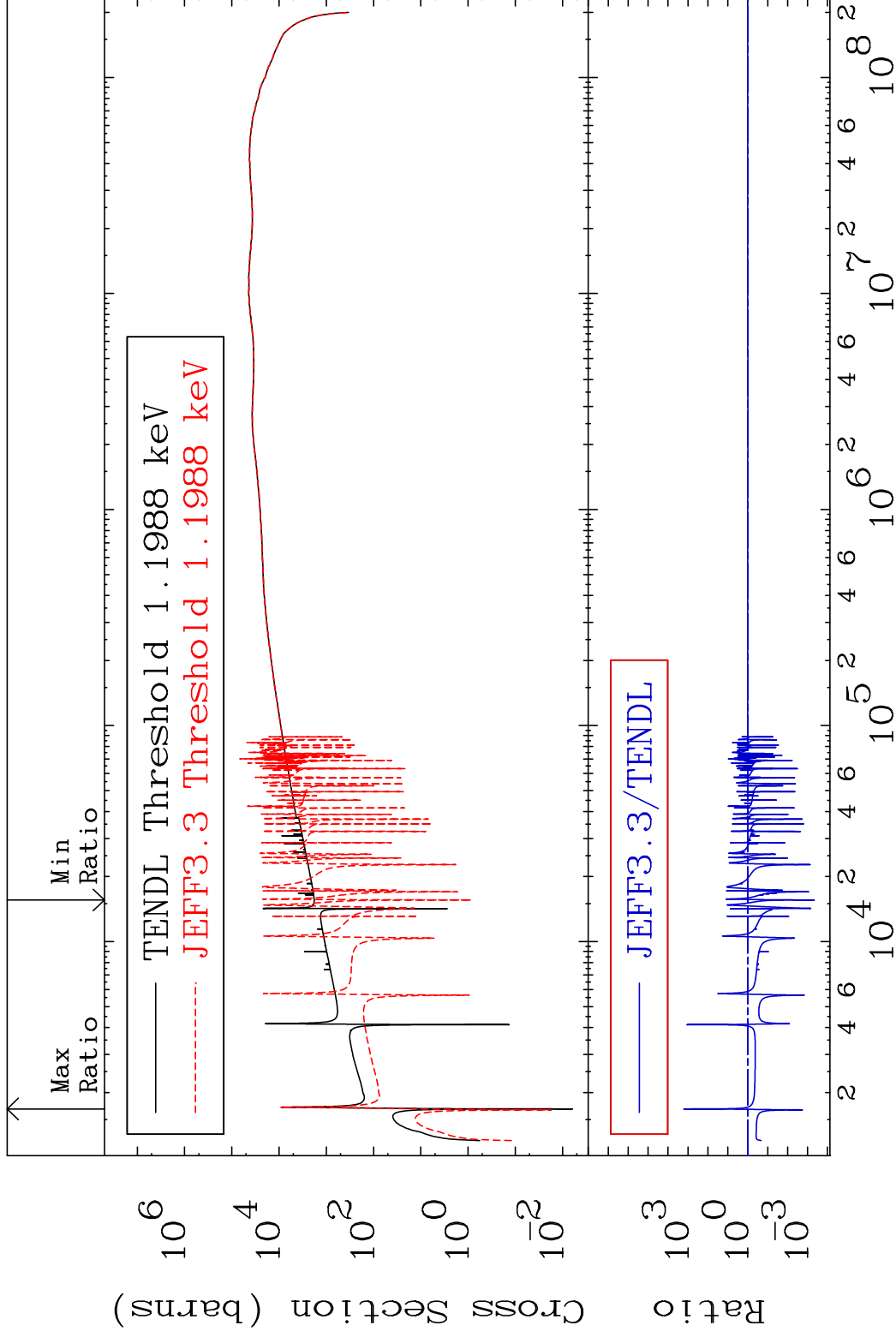
80-Hg-202

MAT 8043

Dpa elastic (mt2)

80-Hg-202

Cross Section -99.95 To 9999. %

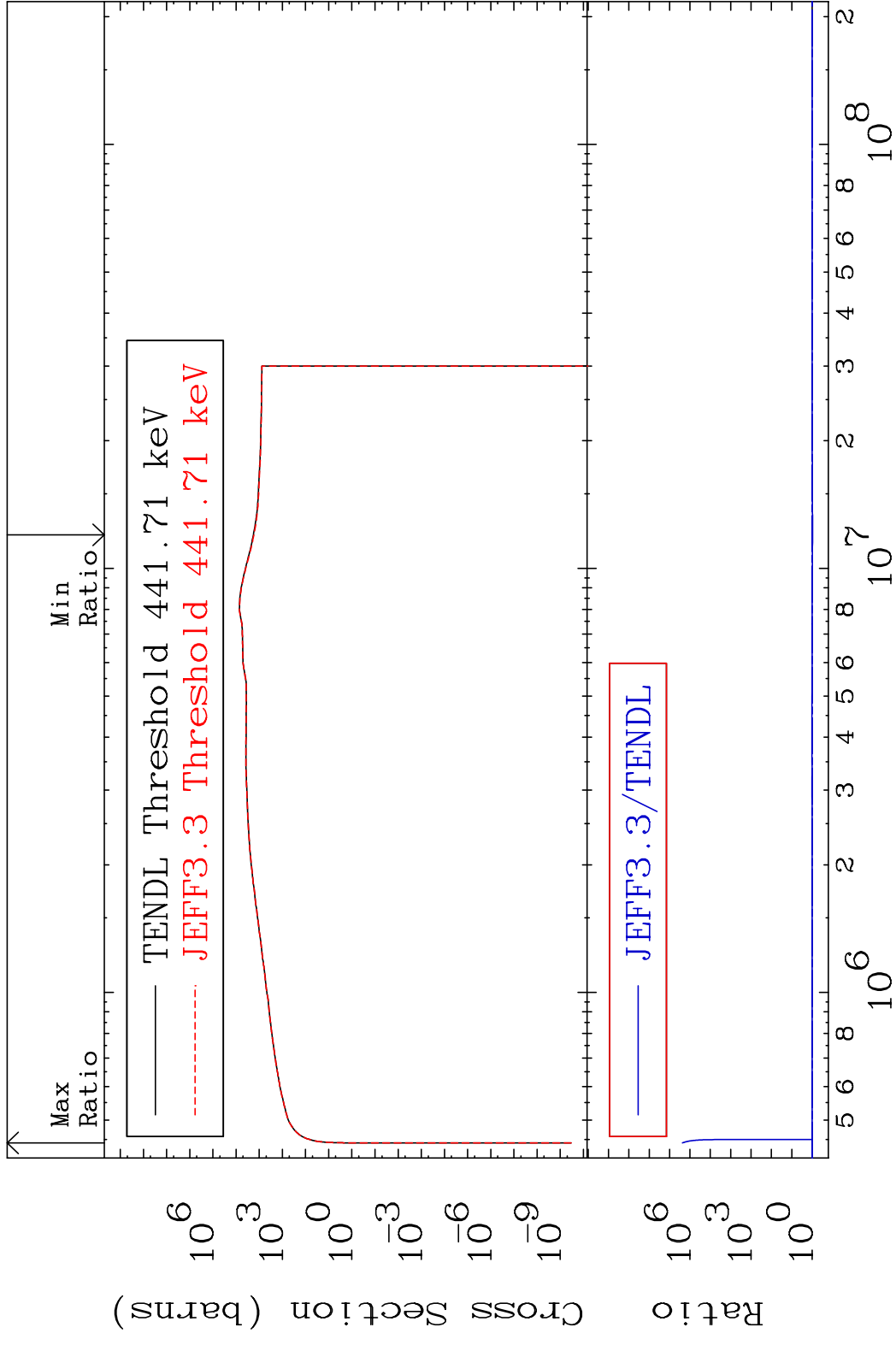


71

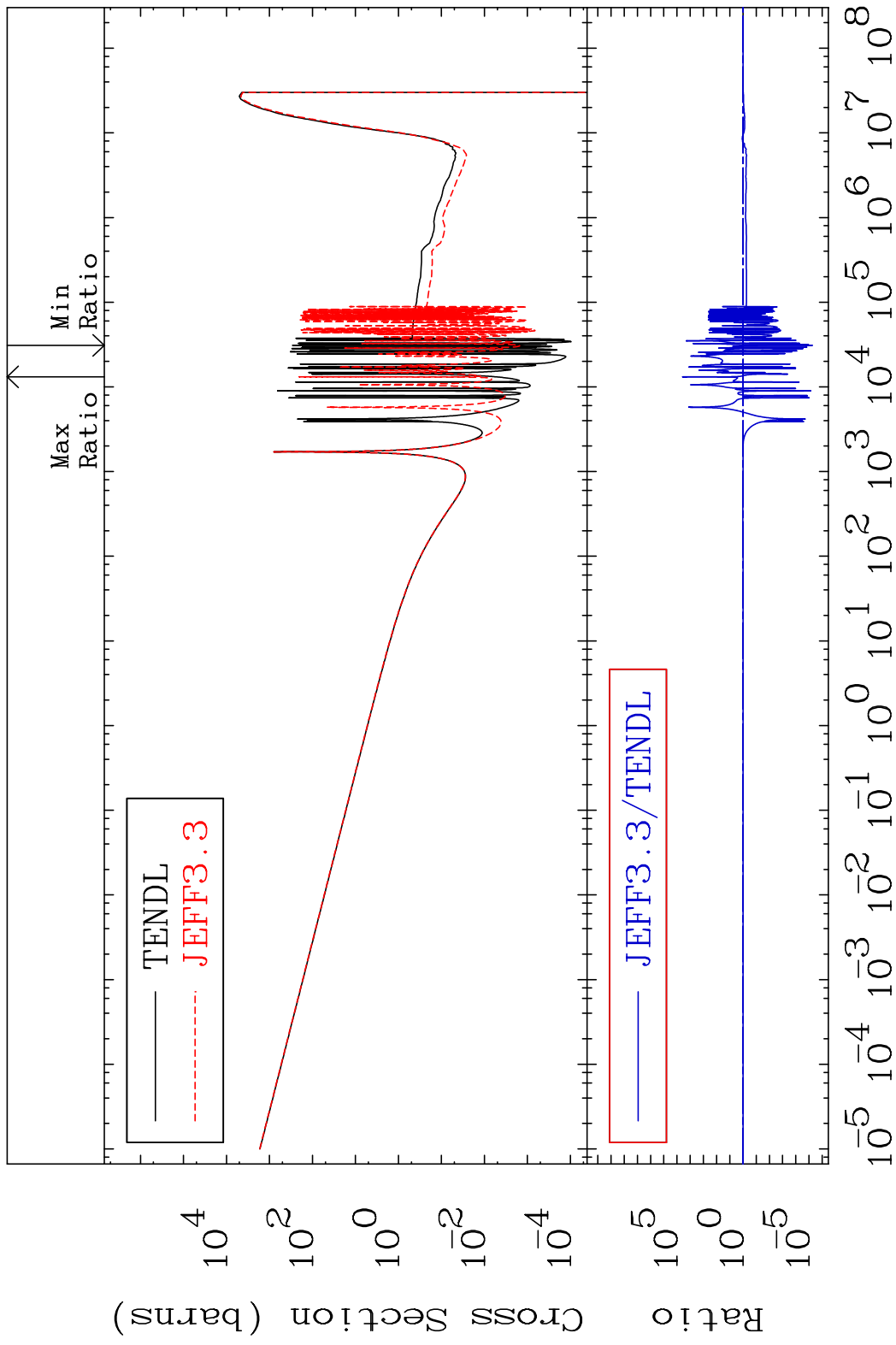
Incident Energy (eV)

80-Hg-202

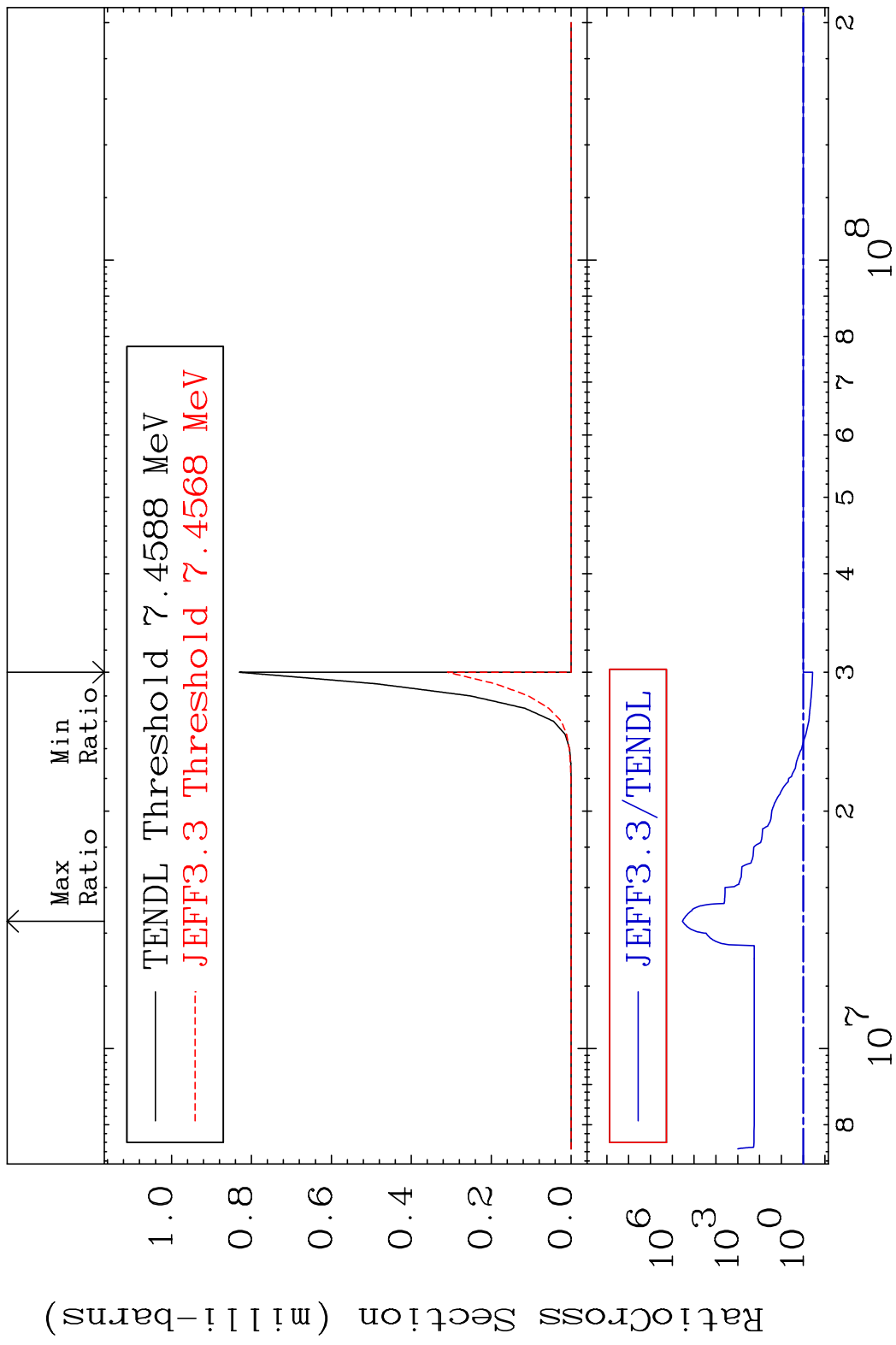
MAT 8043 Dpa inelastic (mt51-91) 80-Hg-202
 Cross Section -4.996 To 9999. %



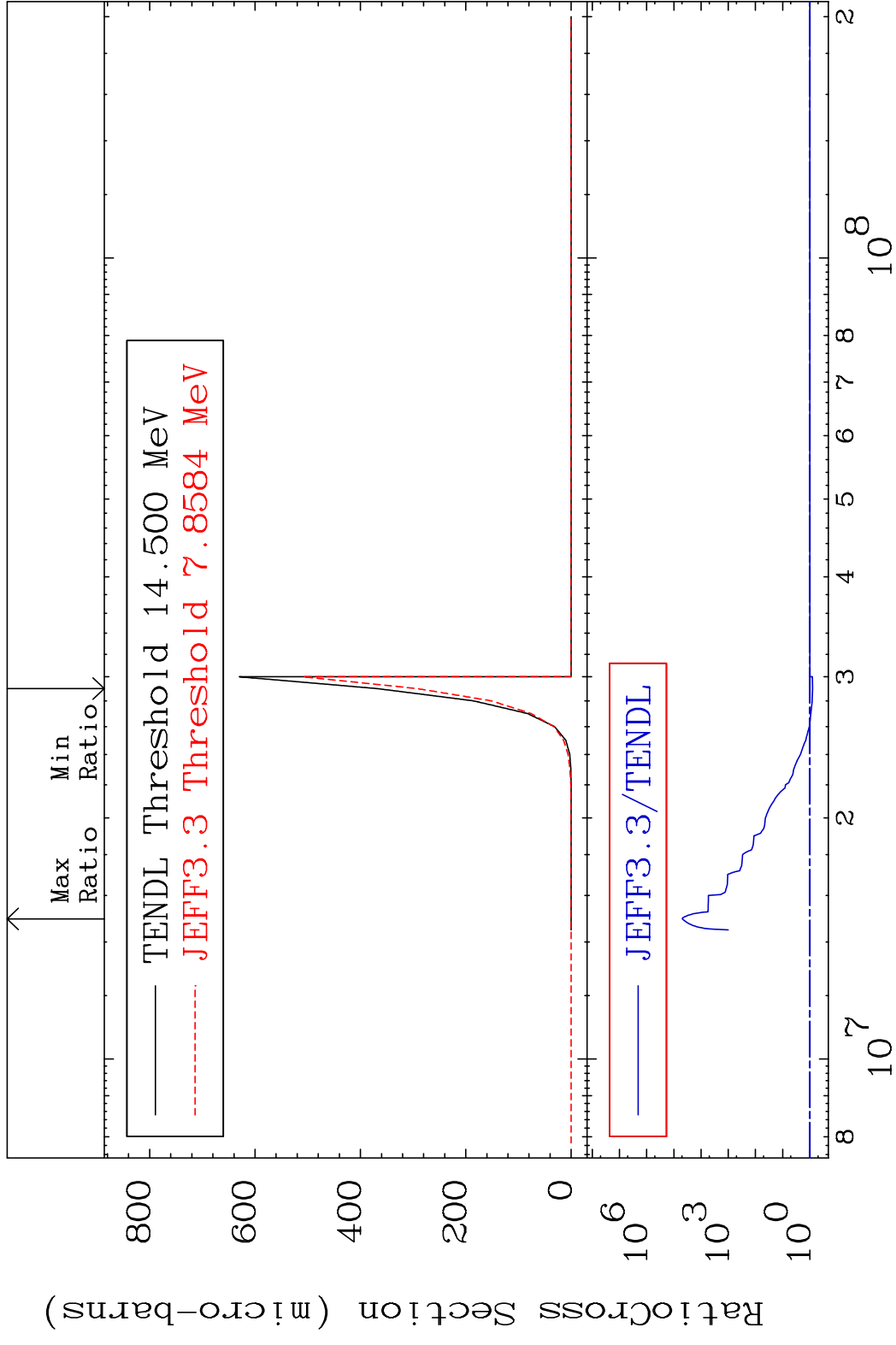
MAT 8043 Dpa disappearance (mt102 -120) 80-Hg-202
 Cross Section -100.0 To 9999. %



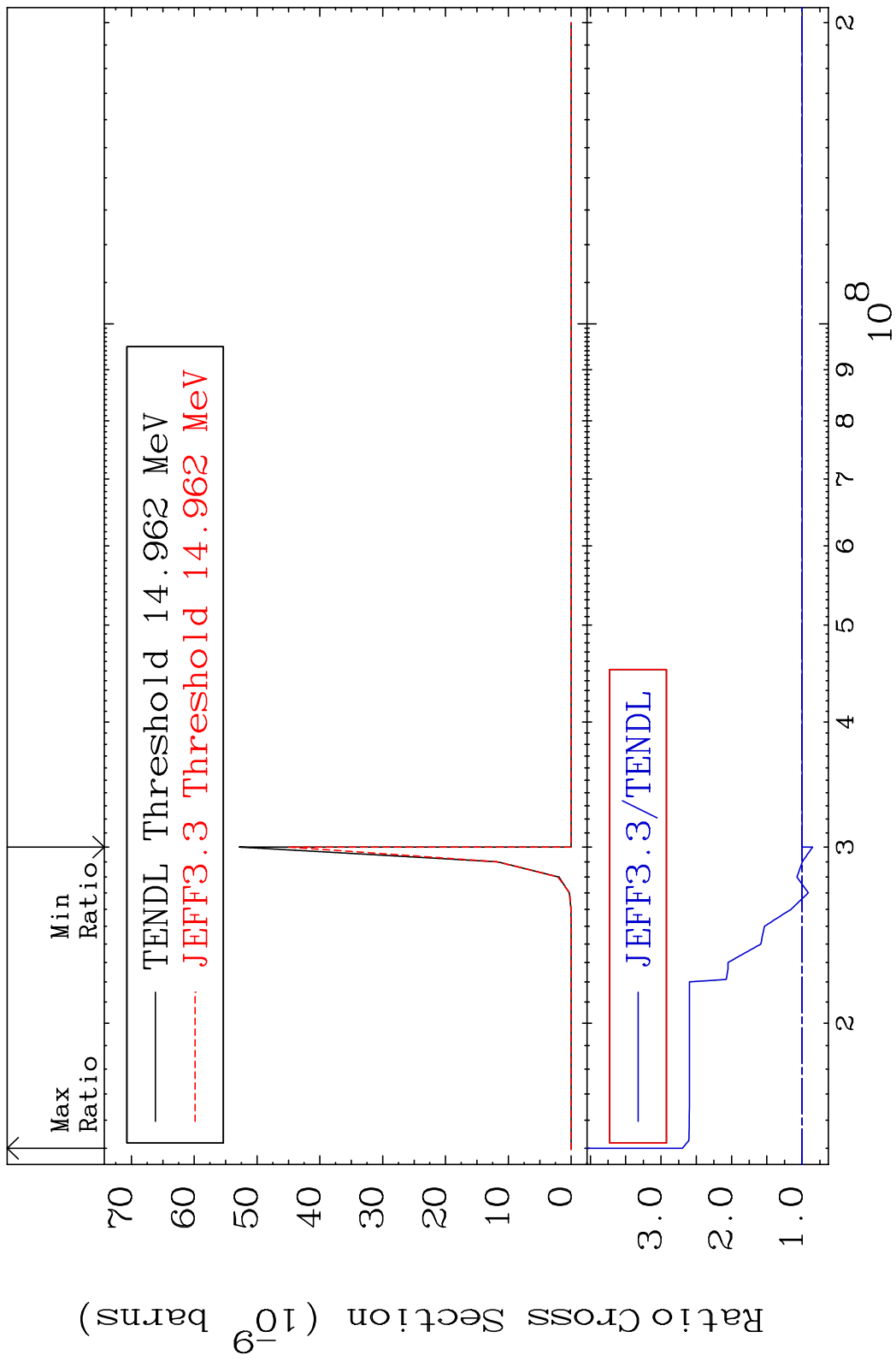
73 Incident Energy (eV) 80-Hg-202

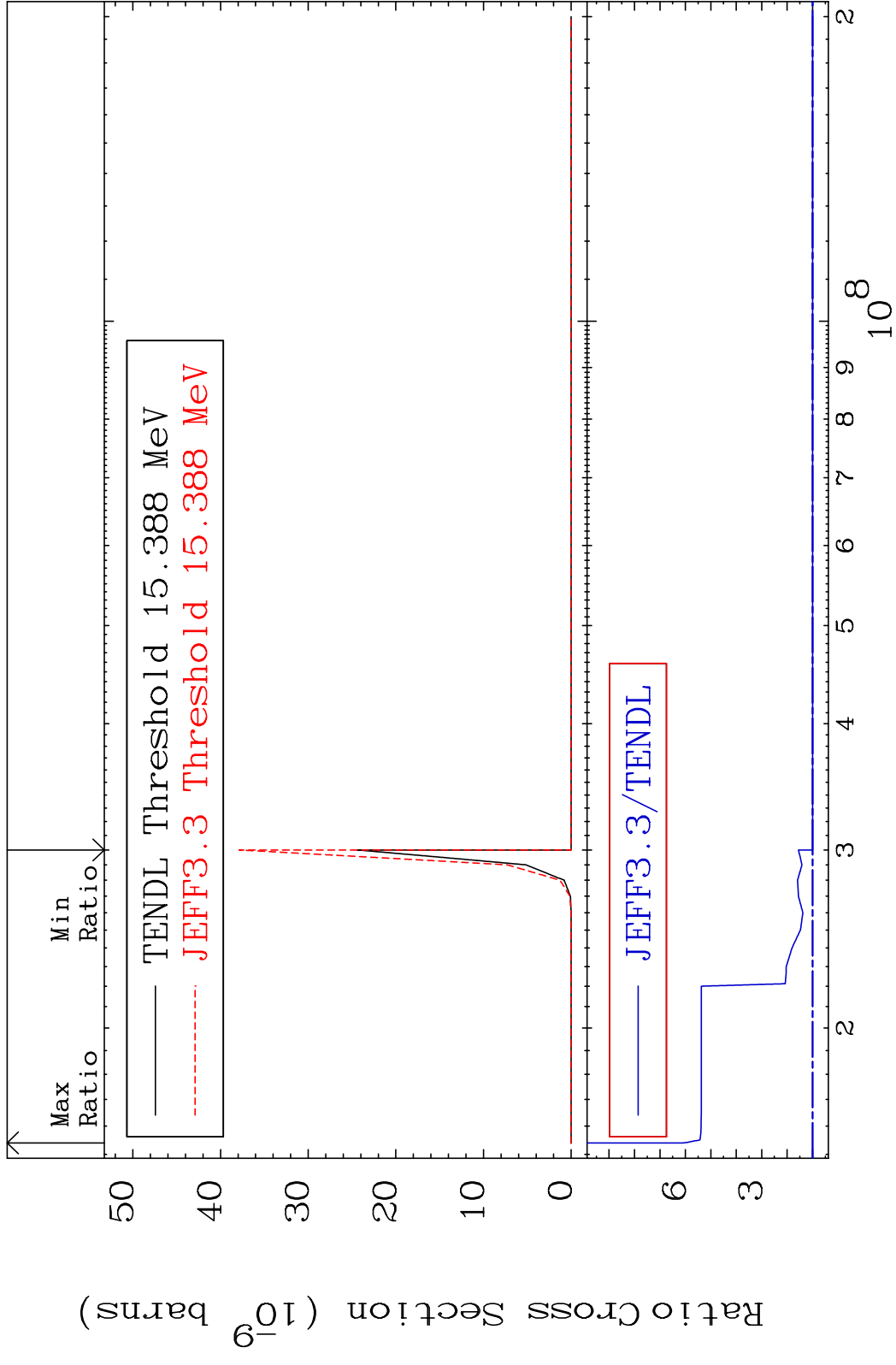


MAT 8043 (n,2n) α :78-Pt-197m9 80-Hg-202
 Radionuclide Production Cross Section 9999. %

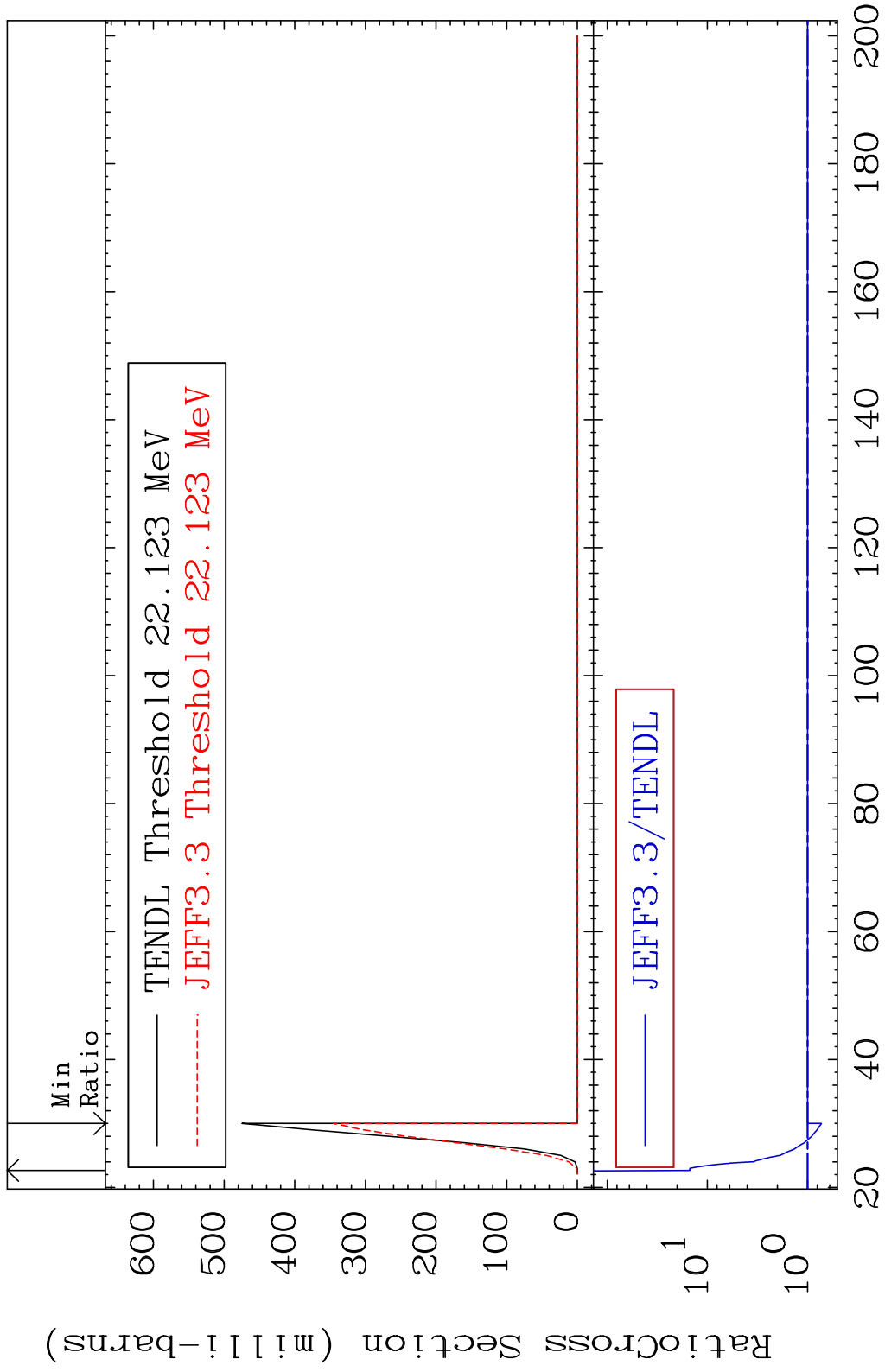


75 Incident Energy (eV) 80-Hg-202





MAT 8043 (n,4n):80-Hg-199g 80-Hg-202
 Radionuclide Production Cross Section 3.231 dth 1398. %



MAT 8043 (n, 4n):80-Hg-199m7 80-Hg-202
 Radionuclide Production Cross Section 7304. %

