

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

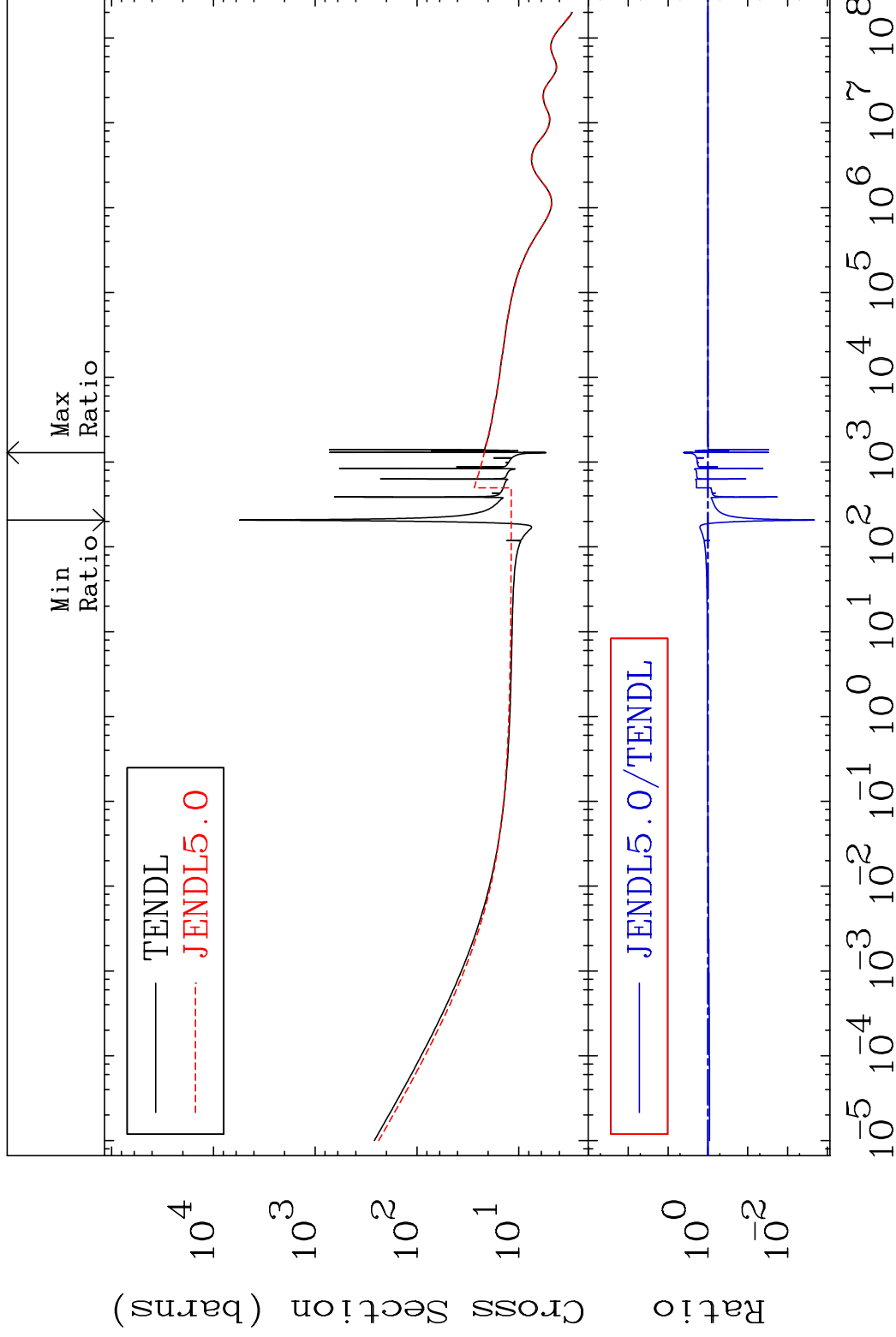
MAT 8228

Total

82-Pb-205

Cross Section

-99.78 To 305.8 %



1

Incident Energy (eV)

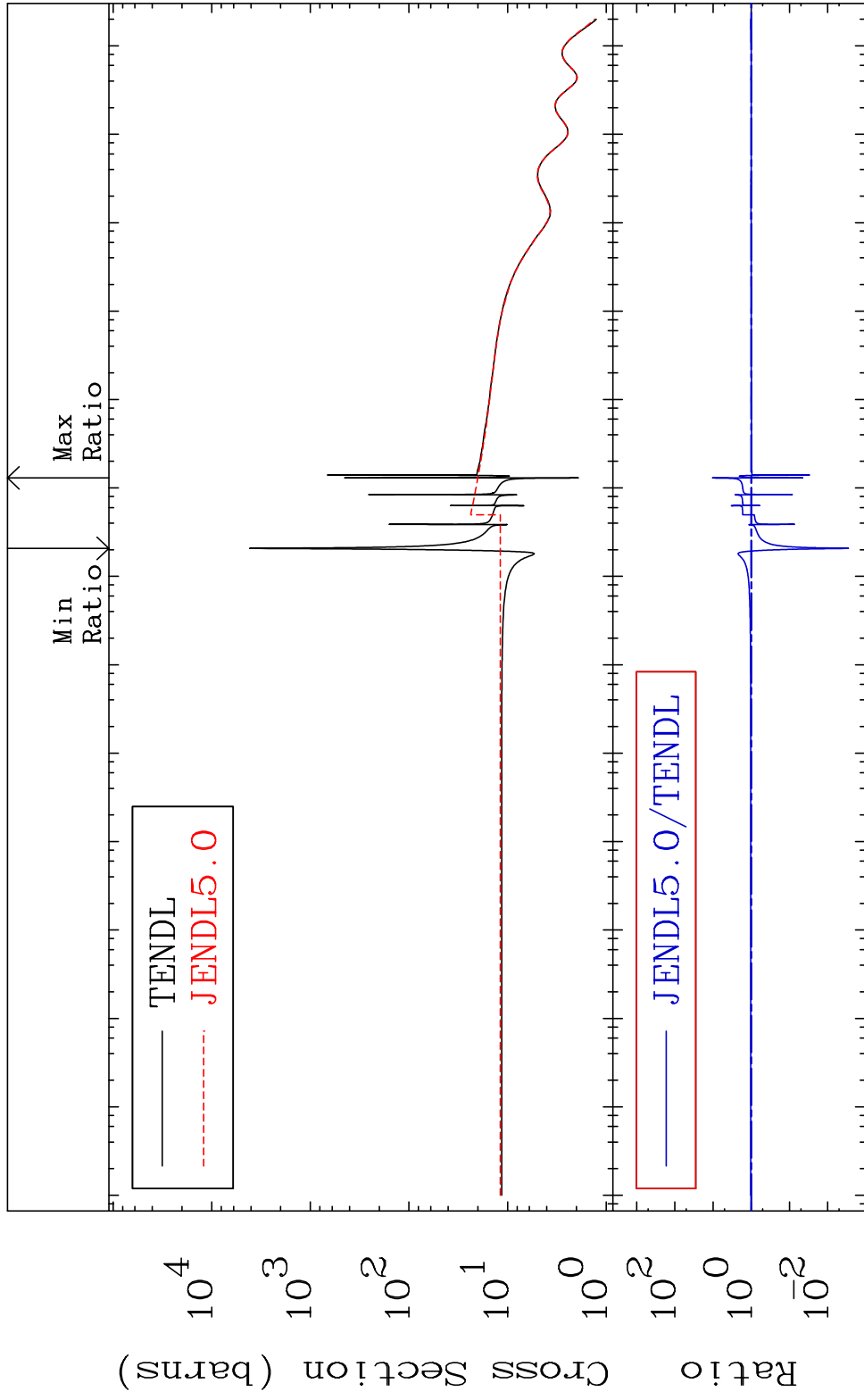
82-Pb-205

MAT 8228

Elastic

82-Pb-205

Cross Section -99.71 To 939.9 %



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

2

Incident Energy (eV)

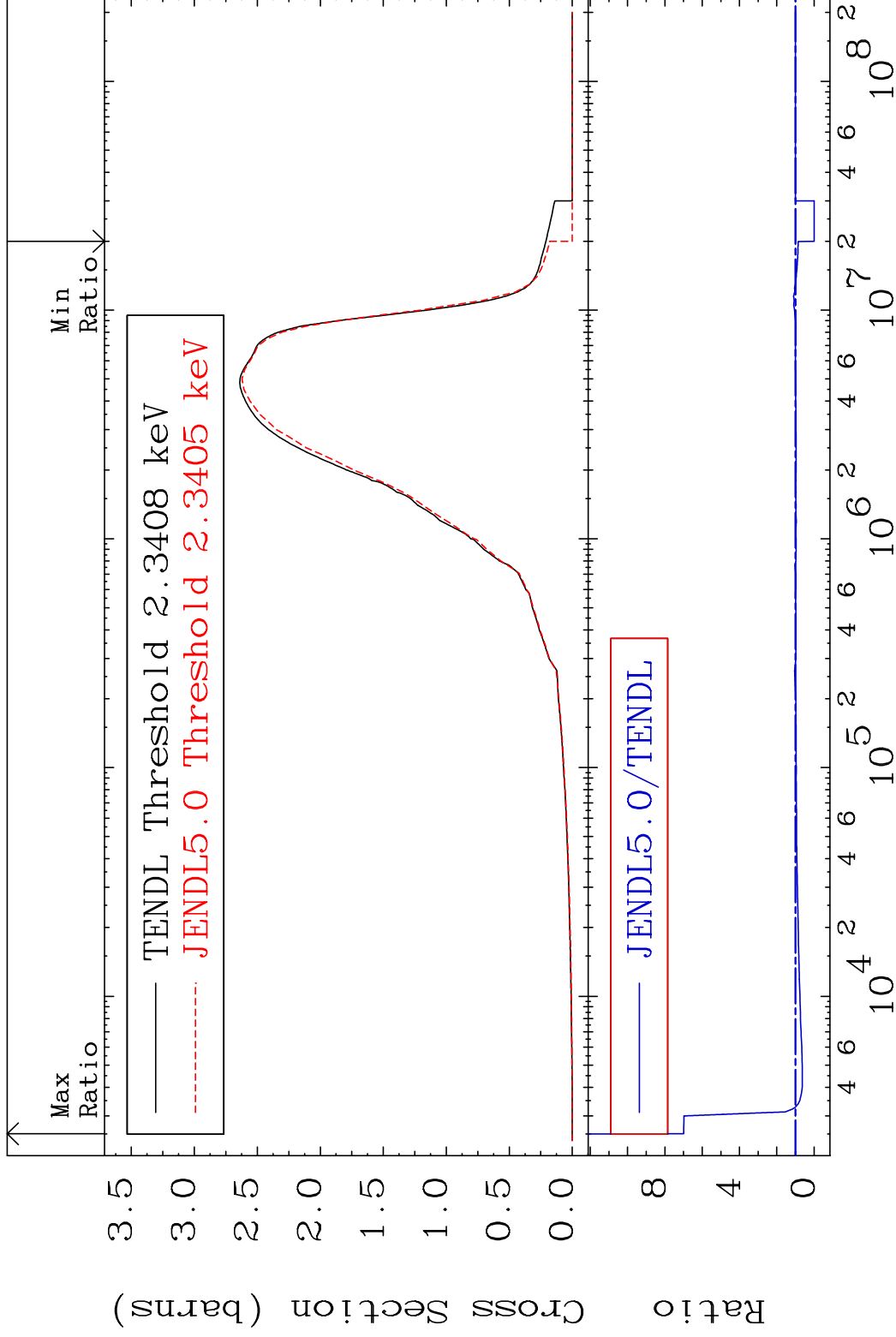
82-Pb-205

MAT 8228

Inelastic

82-Pb-205

Cross Section -100.0 To 599.2 %



3

Incident Energy (eV)

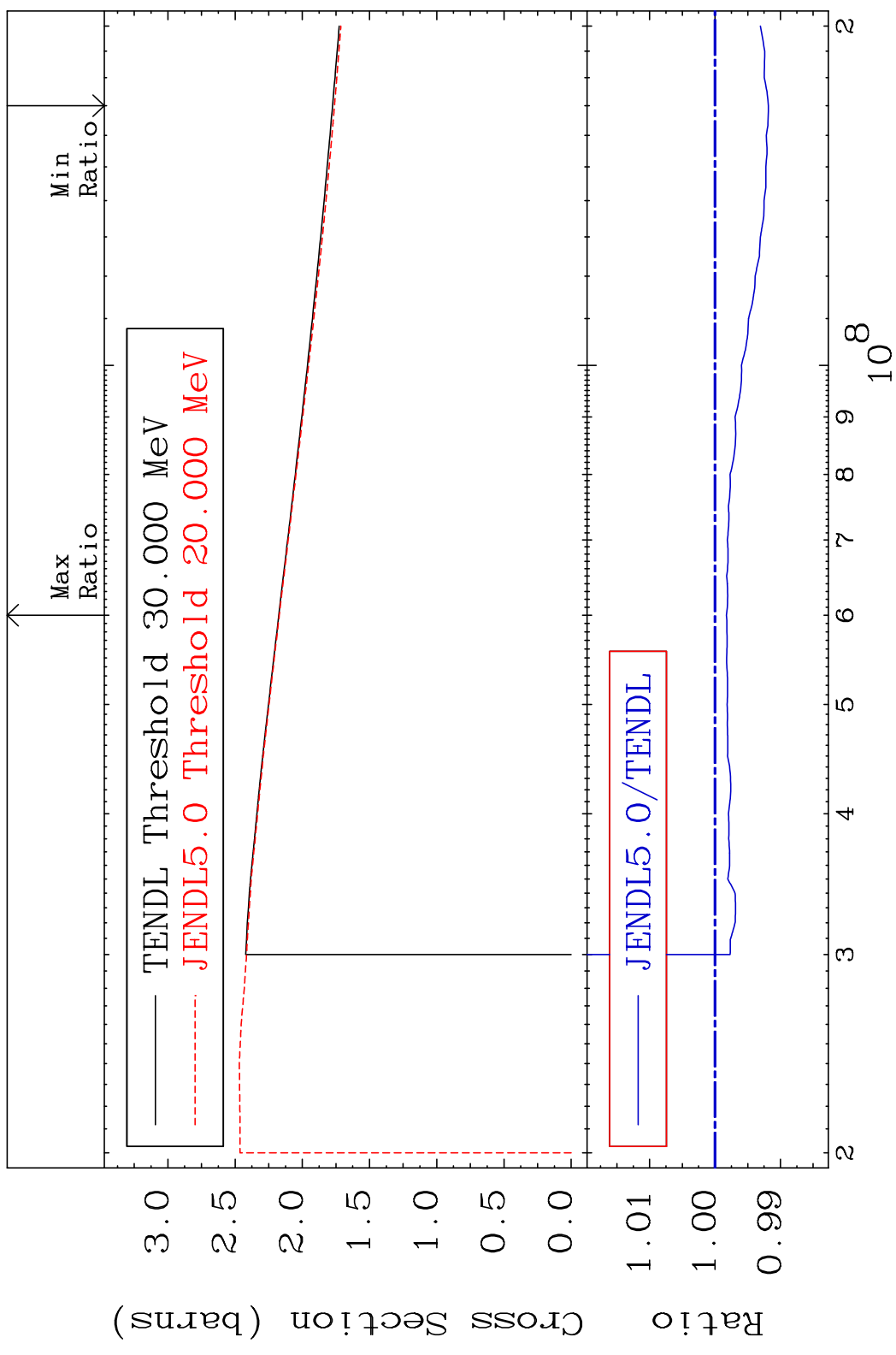
82-Pb-205

MAT 8228

(n, remainder)

82-Pb-205

Cross Section -0.816 To -0.175%

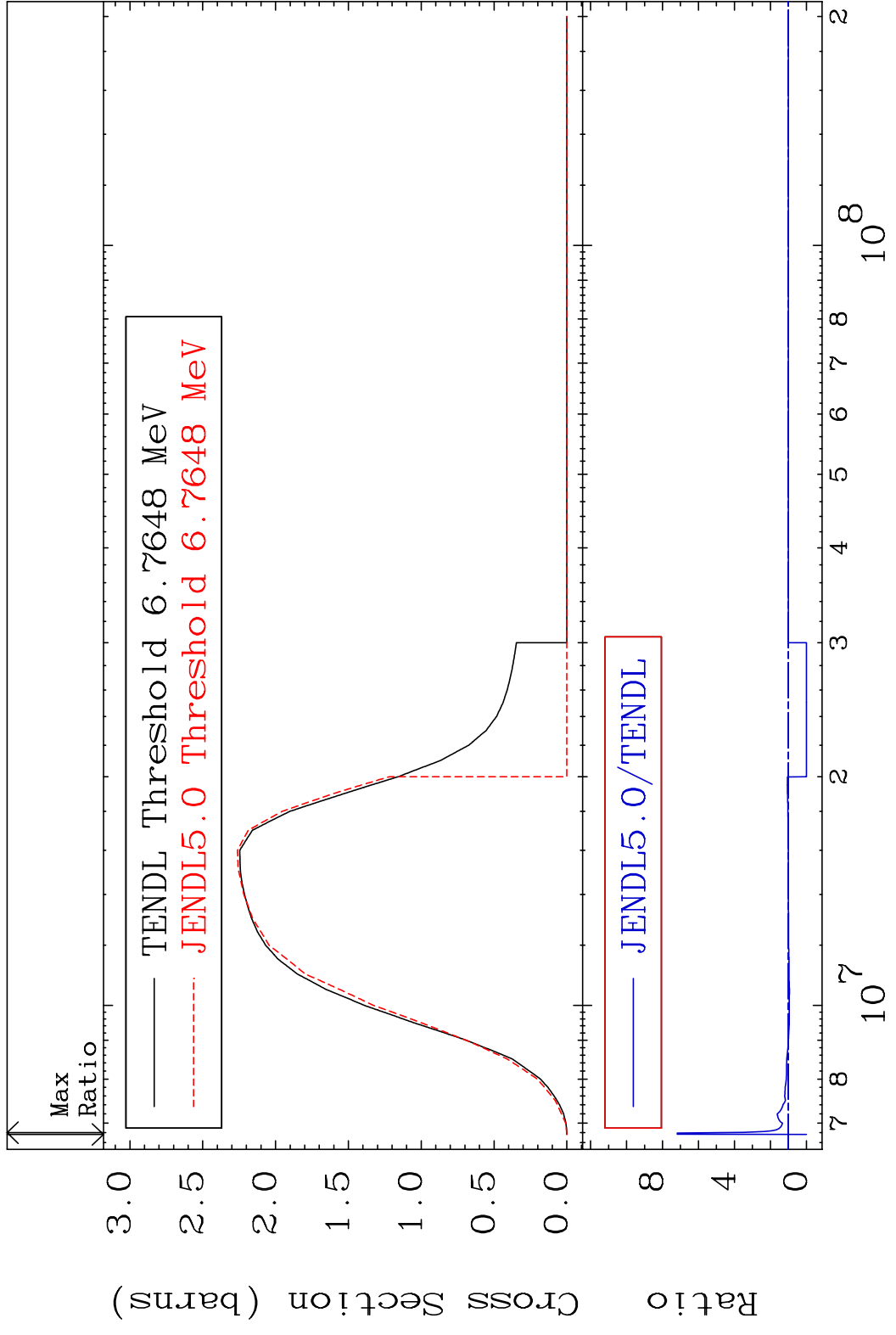


4

Incident Energy (eV)

82-Pb-205

MAT 8228 (n,2n) 82-Pb-205
 Cross Section -100.0 To 618.4 %



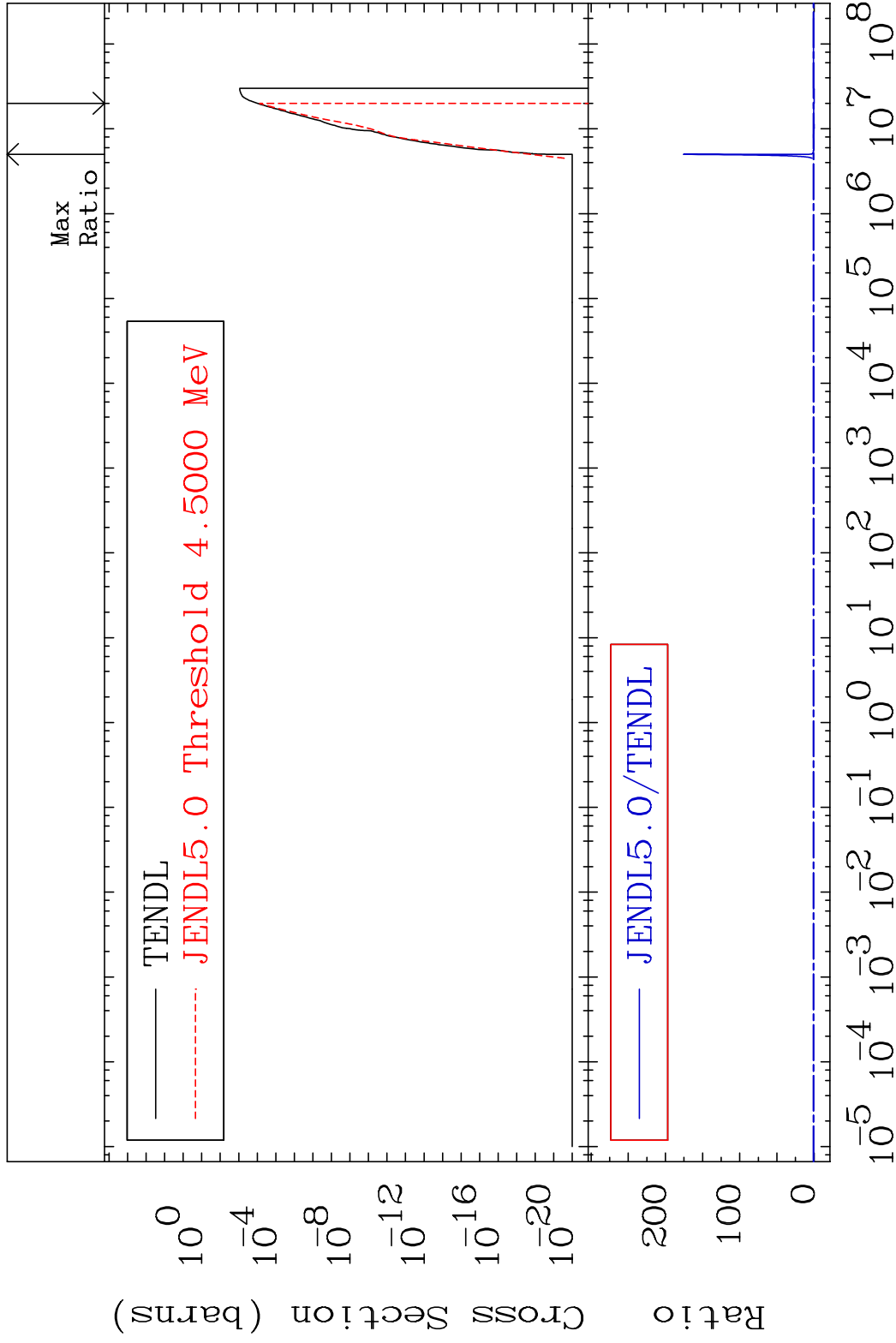
5 Incident Energy (eV) 82-Pb-205

MAT 8228

(n, n') α

82-Pb-205

Cross Section -100.0 To 9999. %

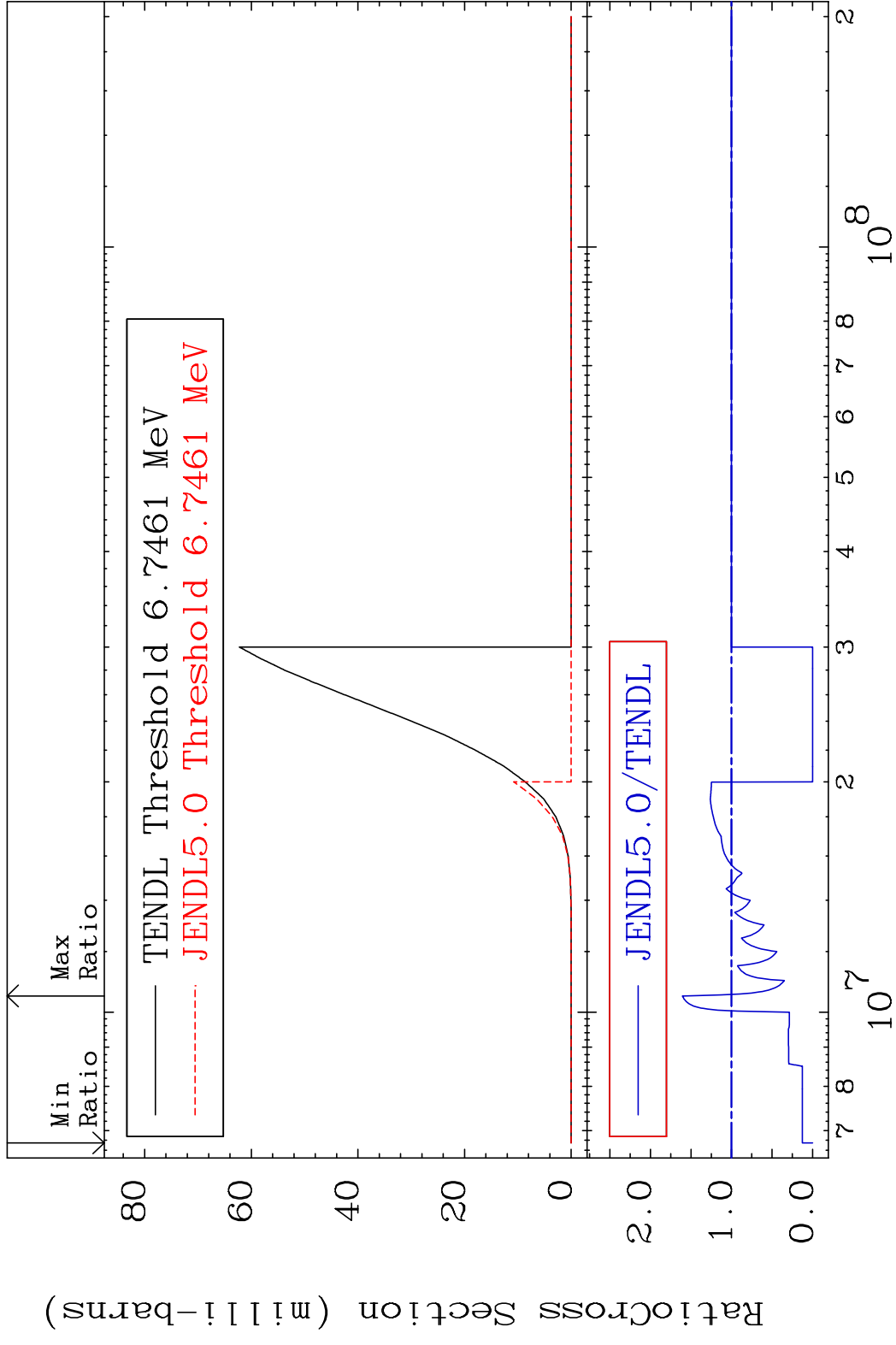


7

Incident Energy (eV)

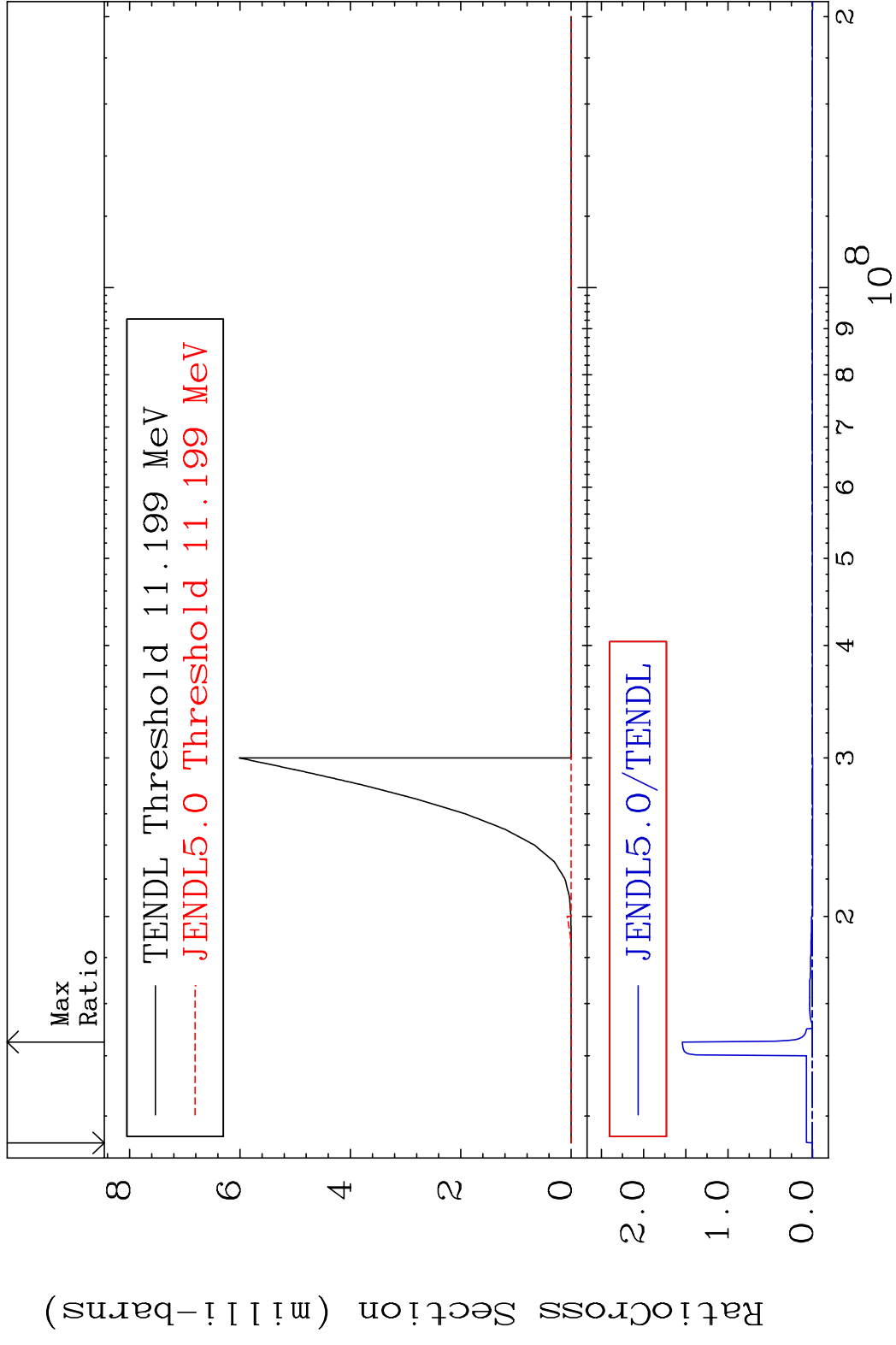
82-Pb-205

MAT 8228 (n, n') p 82-Pb-205
 Cross Section -100.0 To 60.64 %

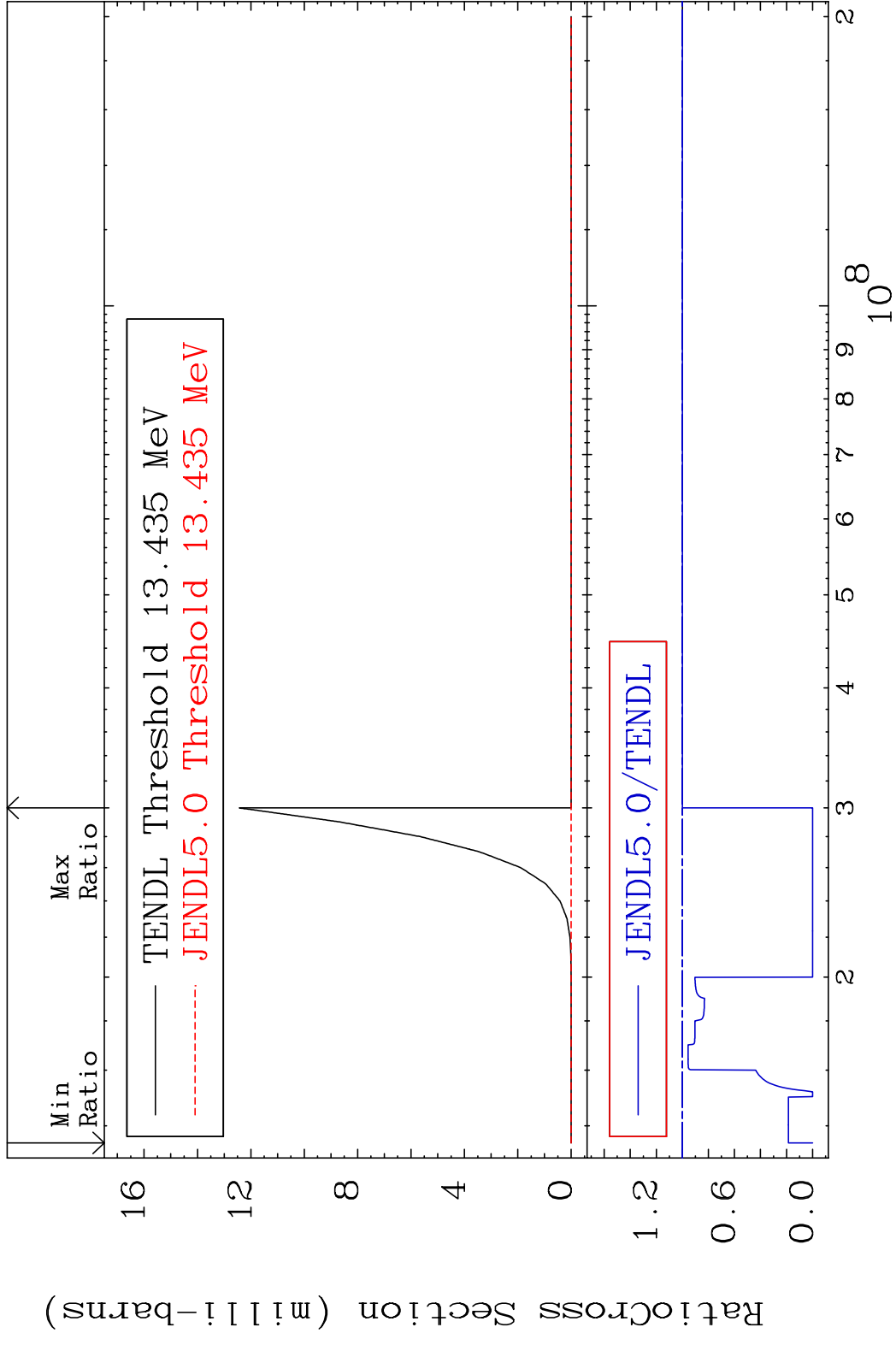


8 8 82-Pb-205

MAT 8228 (n, n') d 82-Pb-205
 Cross Section -100.0 To 9999. %

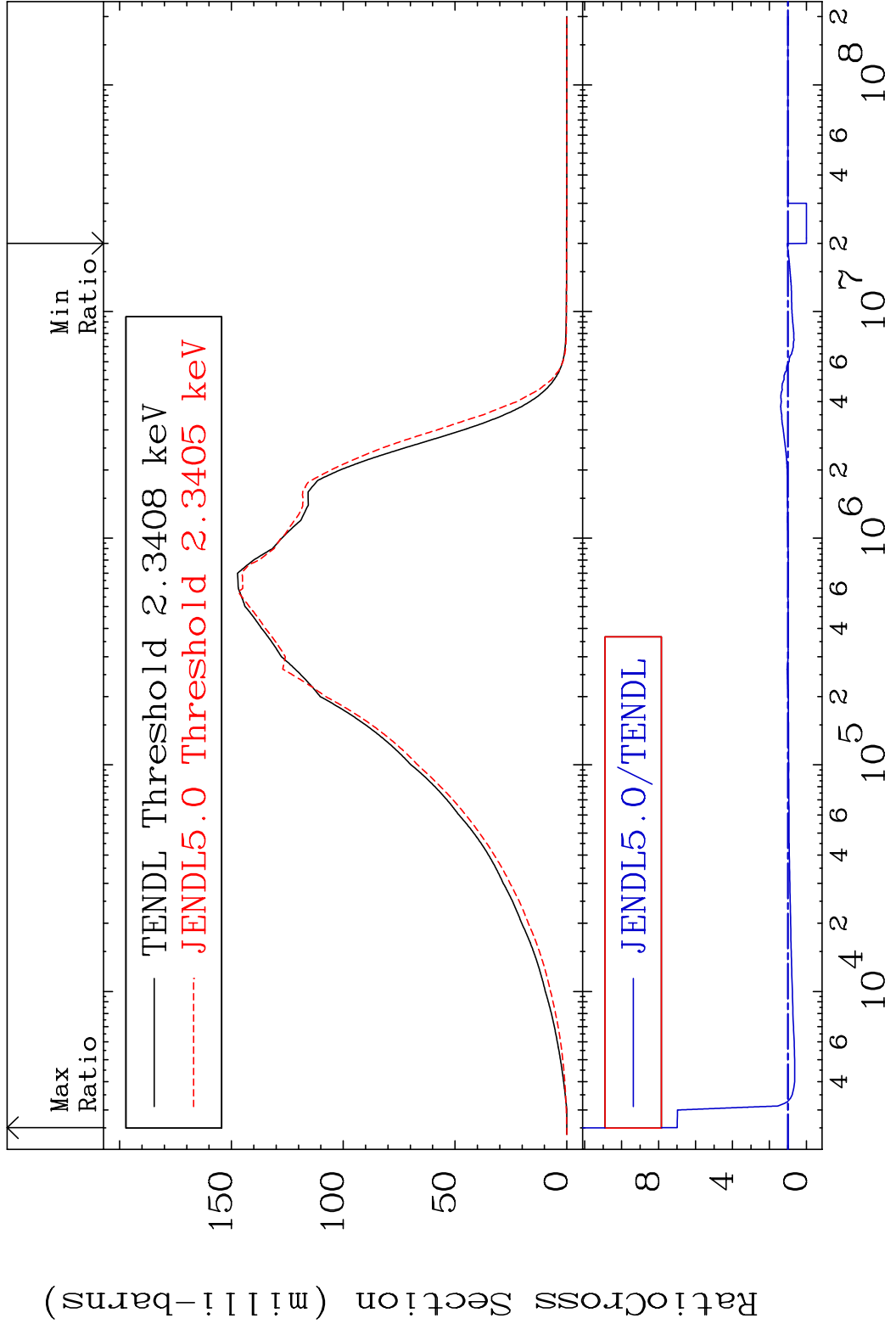


MAT 8228 (n,2n) p 82-Pb-205
 Cross Section -100.0 To 0.000 %

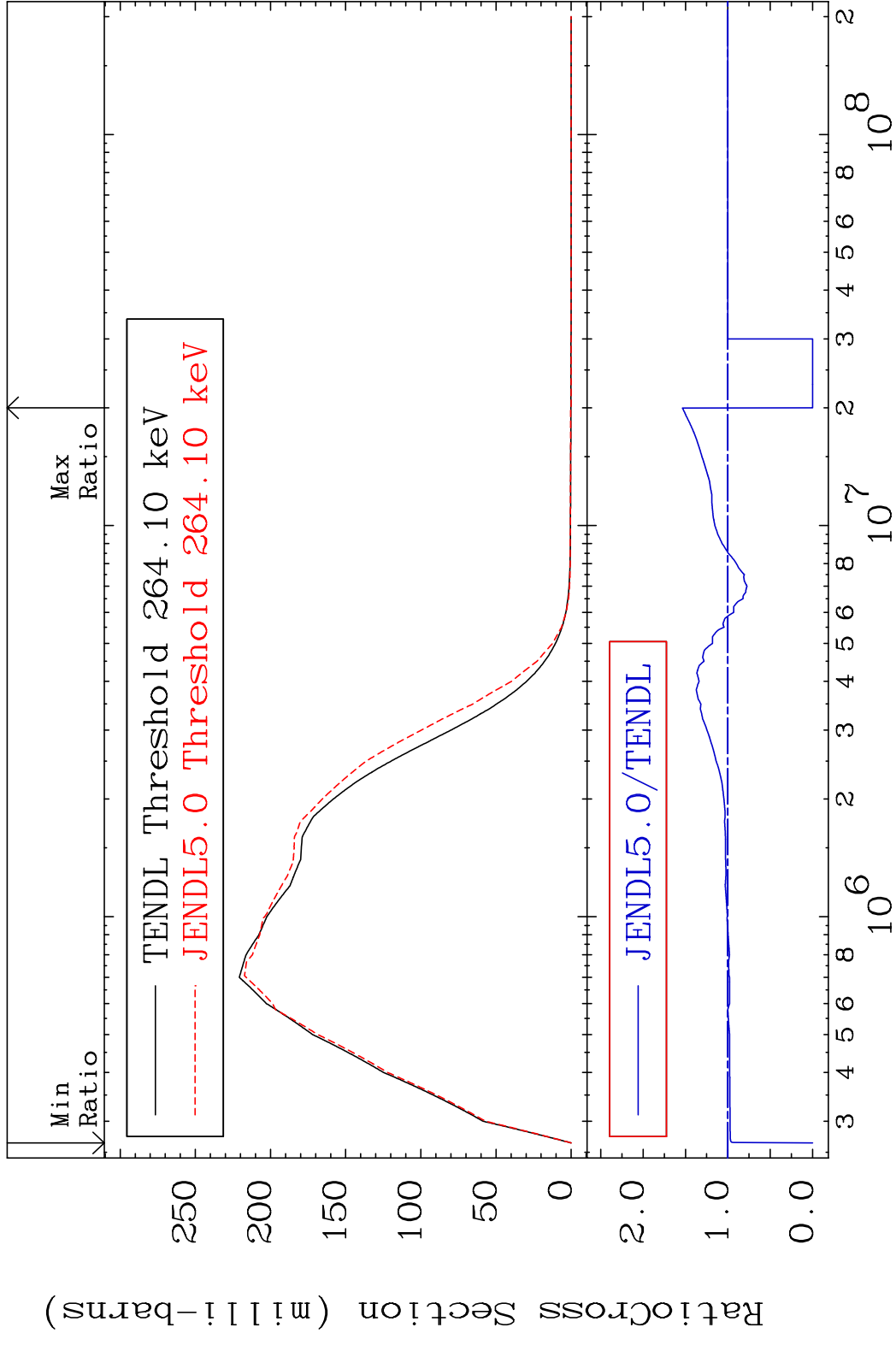


10 Incident Energy (eV) 82-Pb-205

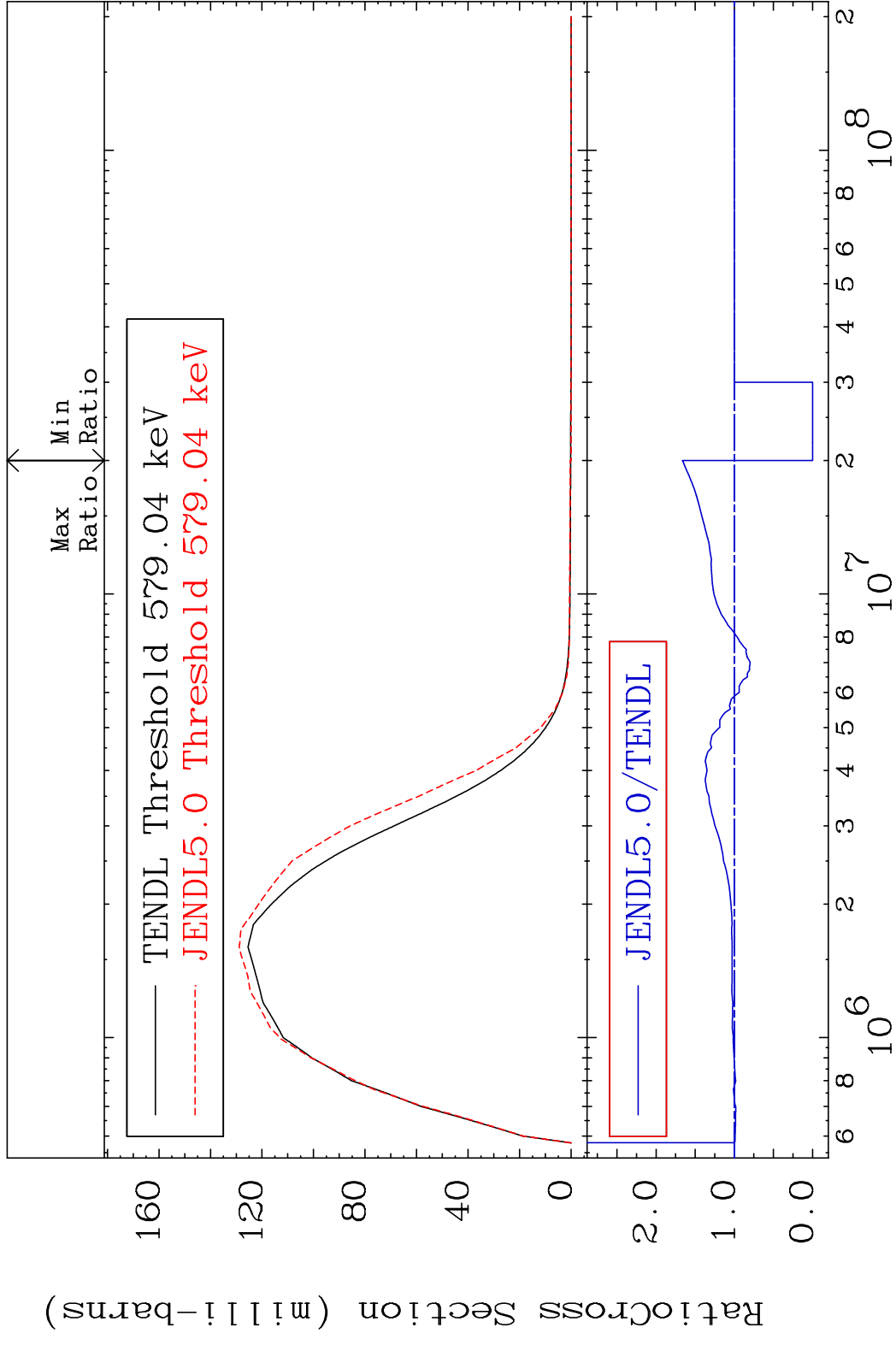
MAT 8228 MT= 51 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 599.2 %



MAT 8228 MT= 52 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 53.68 %

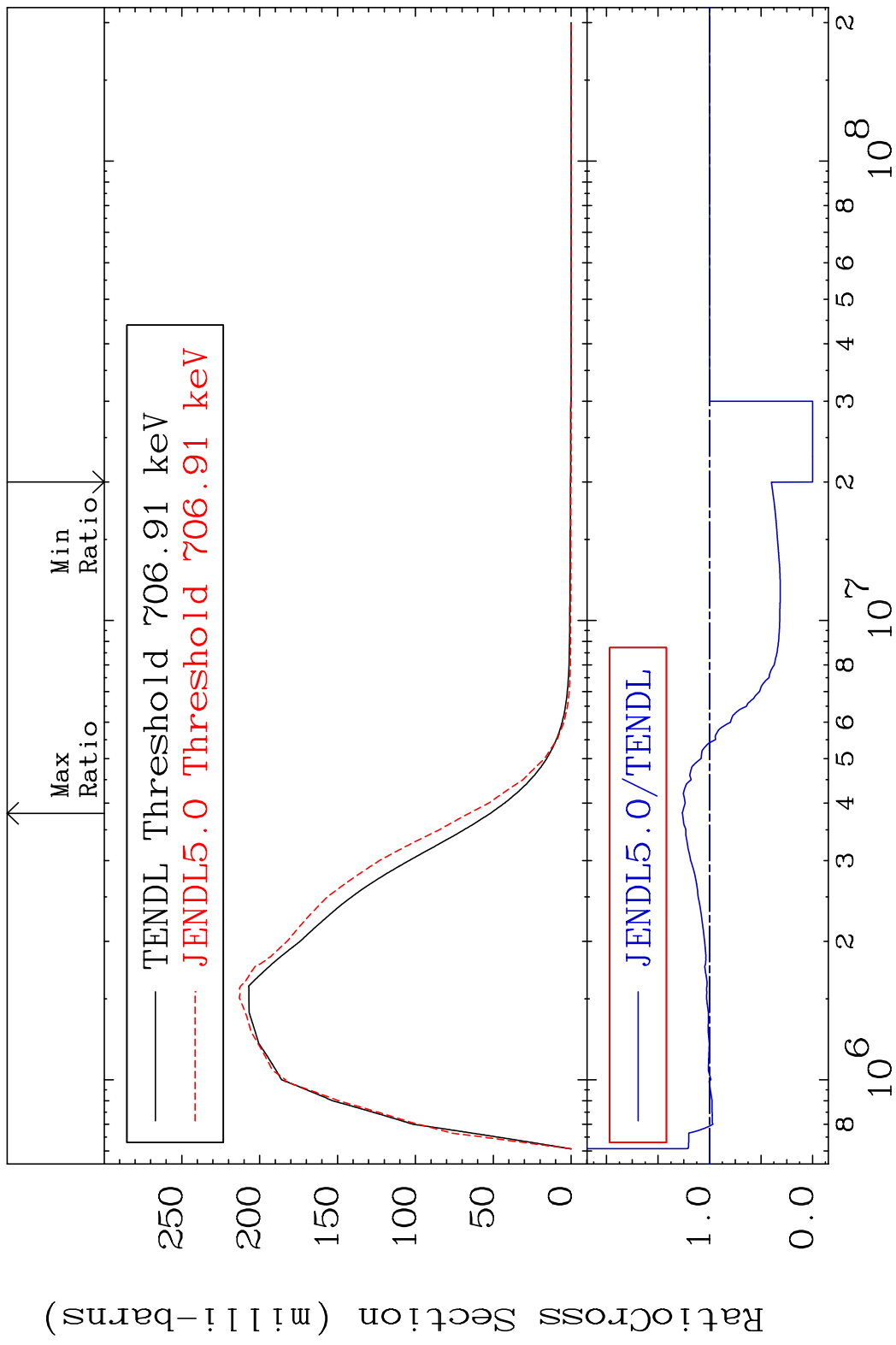


MAT 8228 MT= 53 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 66.40 %

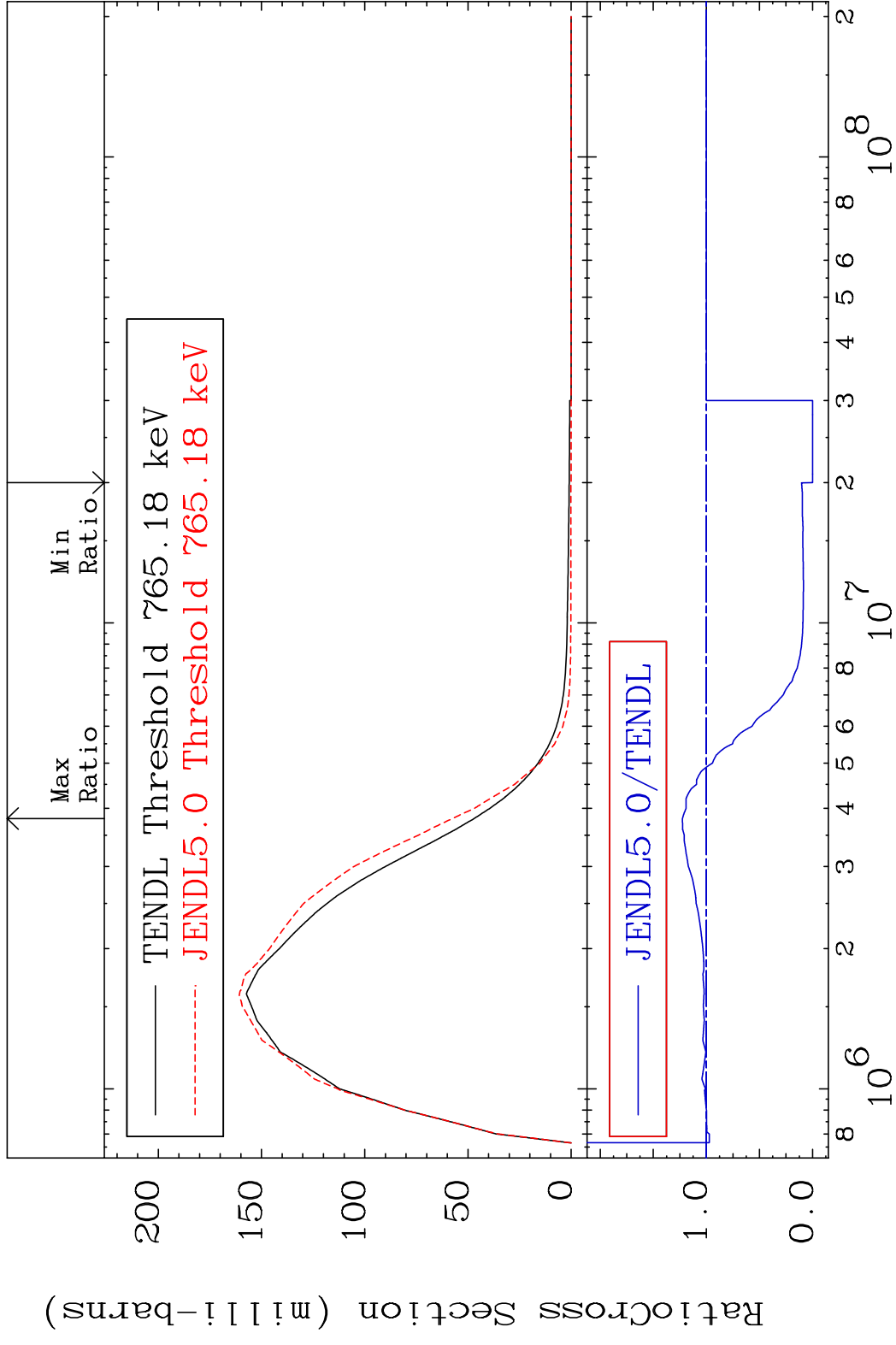


13 Incident Energy (eV) 82-Pb-205

MAT 8228 MT= 54 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 26.38 %

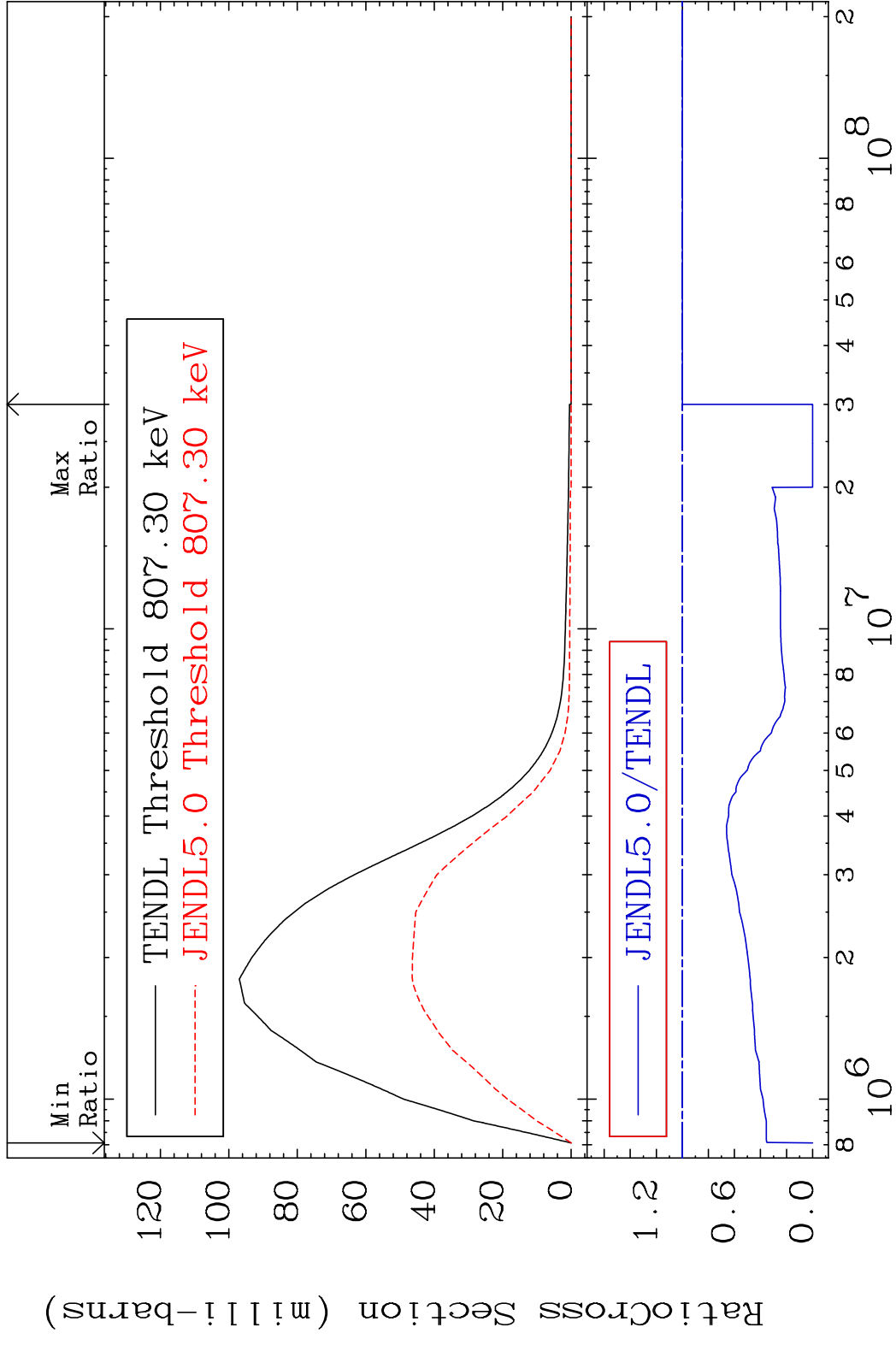


MAT 8228 MT= 55 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 22.63 %



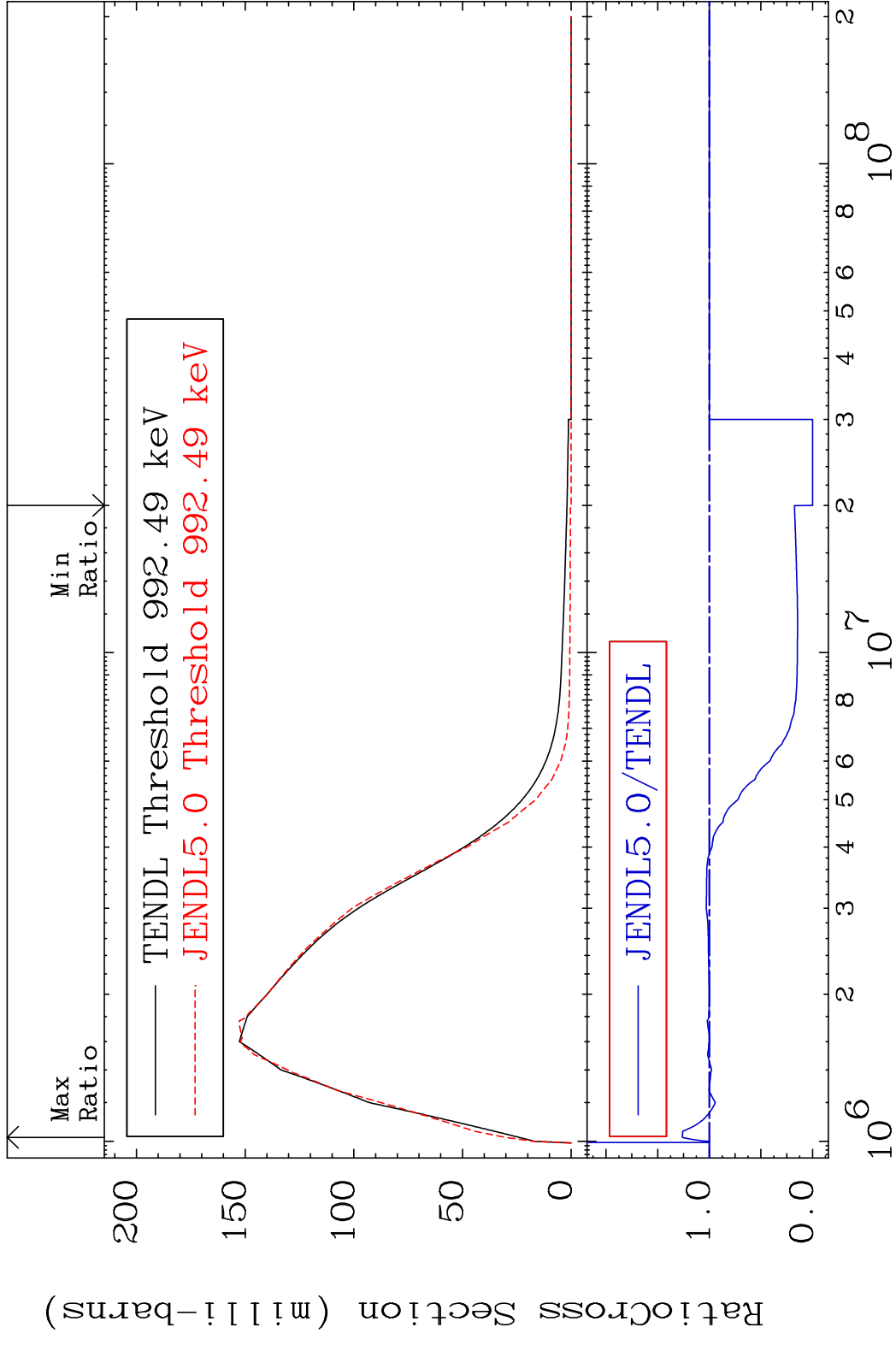
15 Incident Energy (eV) 82-Pb-205

MAT 8228 MT= 56 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 0.000 %



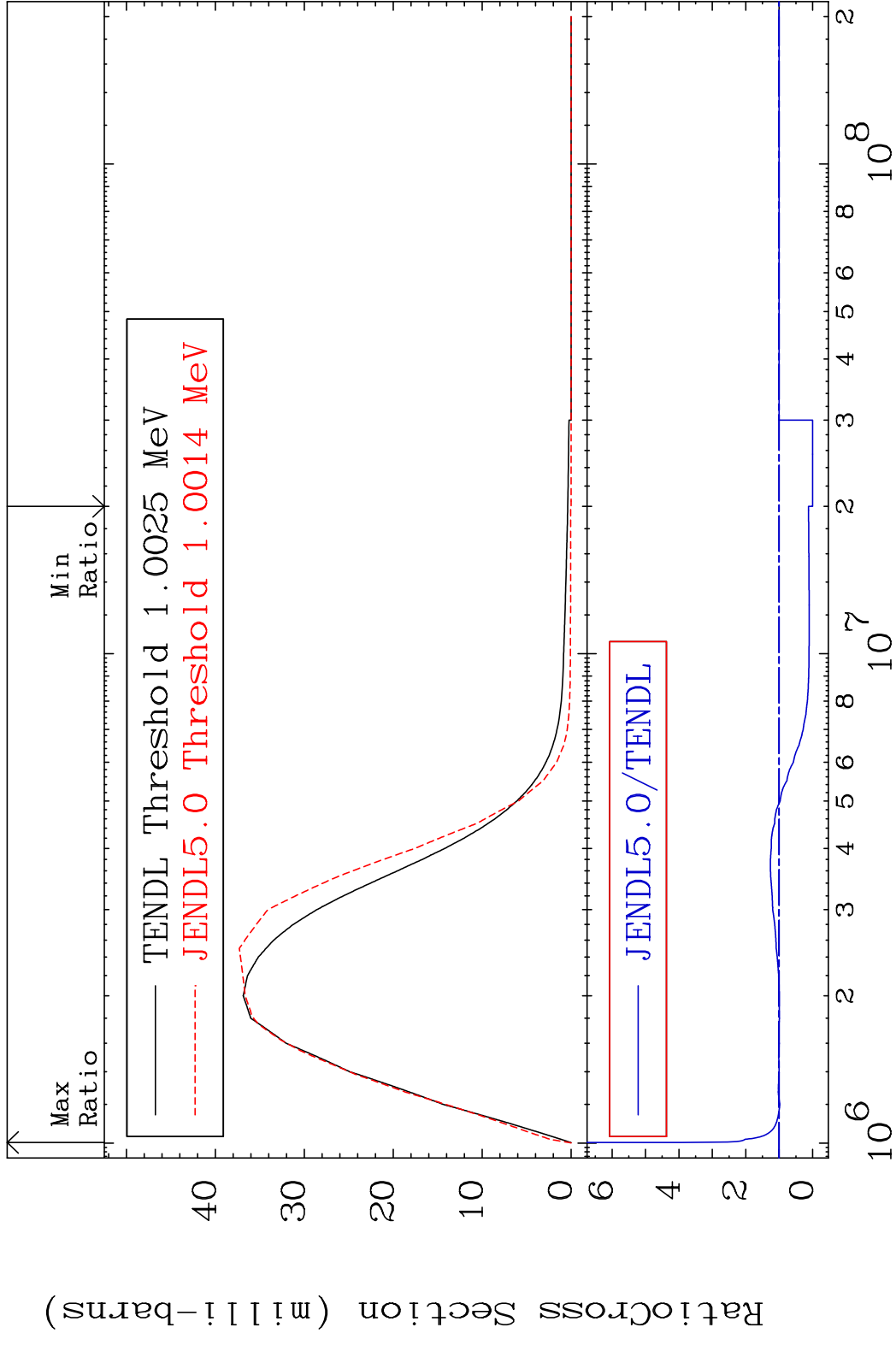
16 Incident Energy (eV) 82-Pb-205

MAT 8228 MT= 57 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 26.08 %



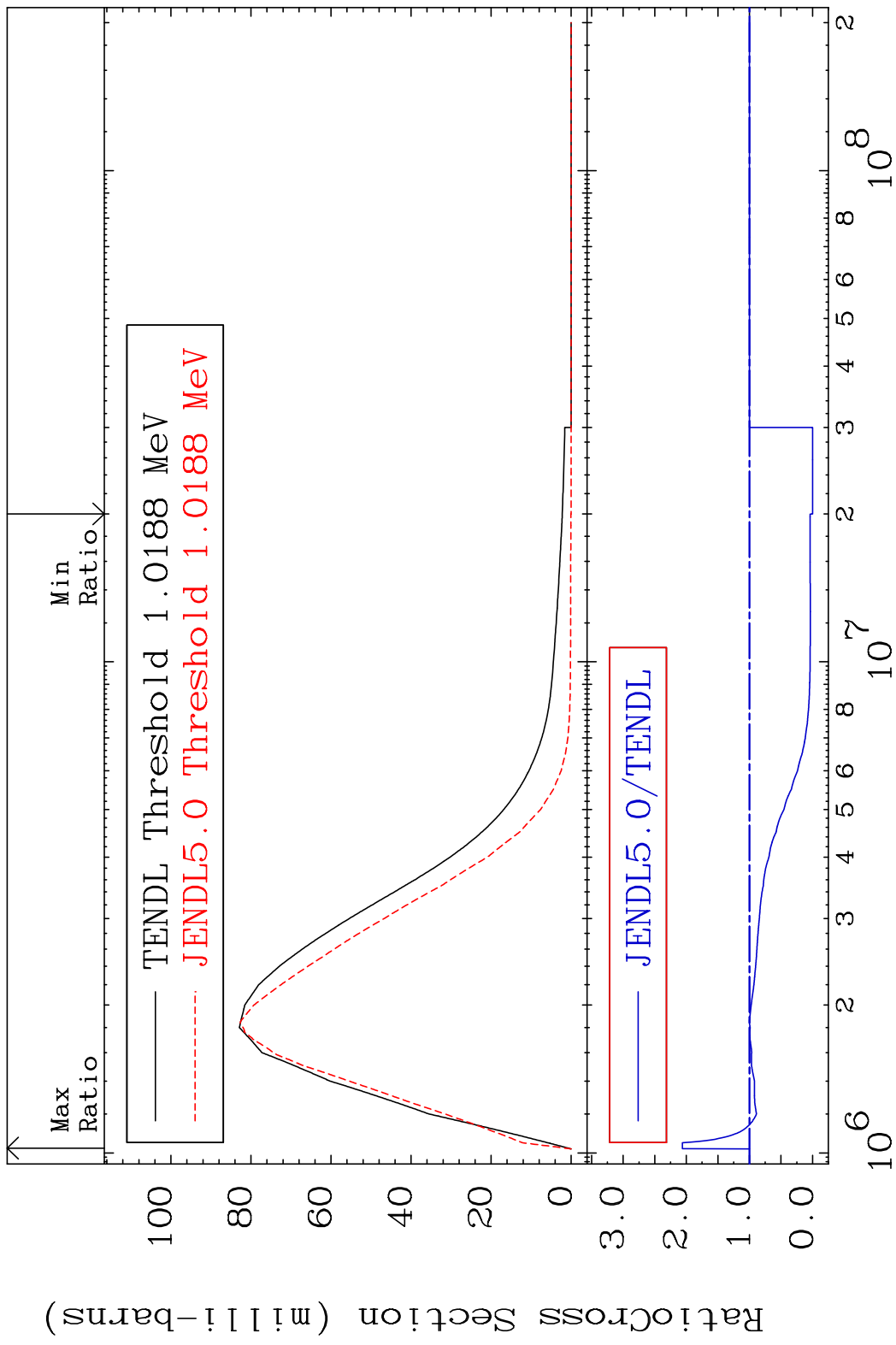
17 Incident Energy (eV) 82-Pb-205

MAT 8228 MT= 58 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 289.7 %



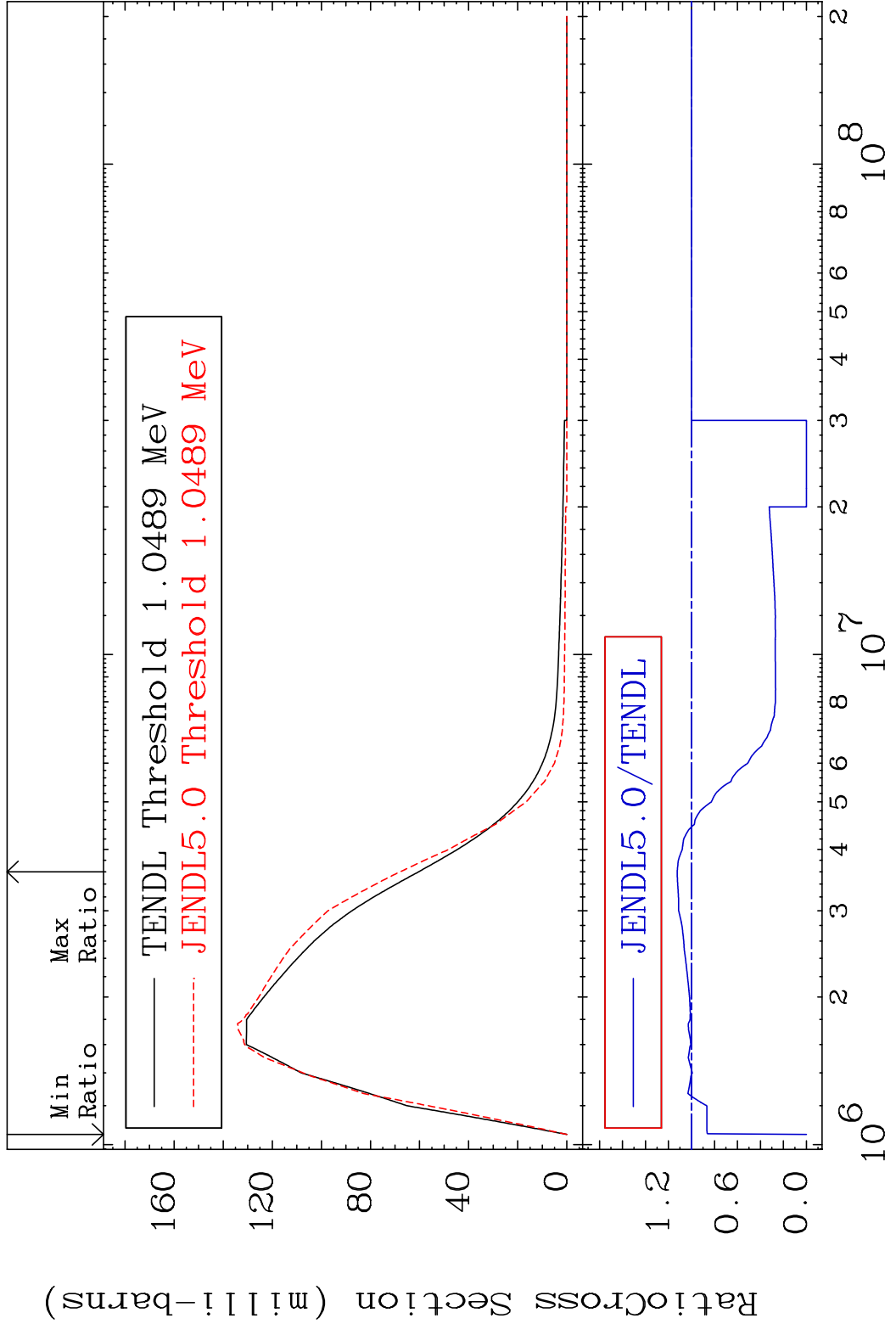
18 Incident Energy (eV) 82-Pb-205

MAT 8228 MT= 59 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 106.3 %



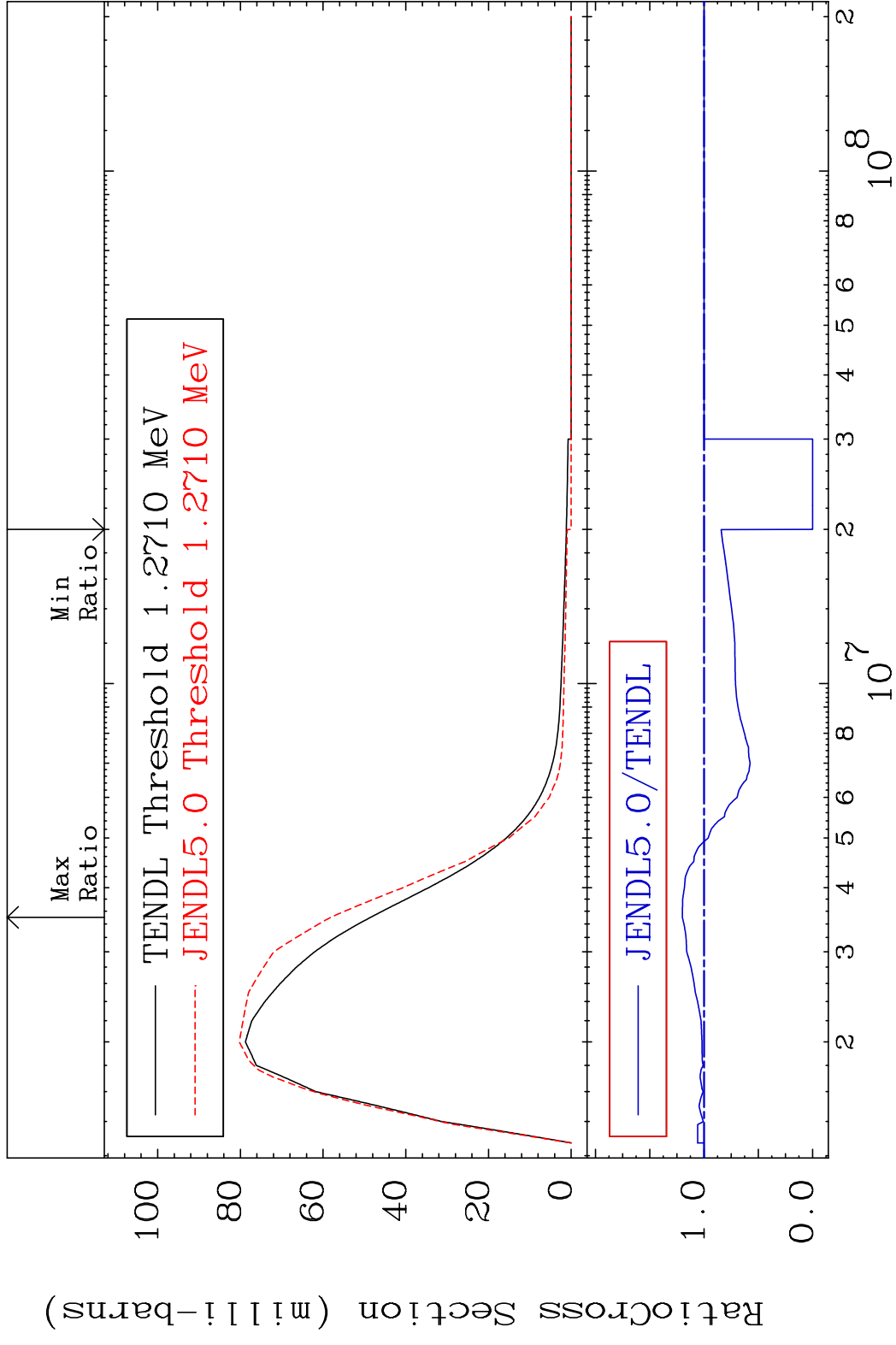
19 Incident Energy (eV) 82-Pb-205

MAT 8228 MT= 60 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 12.42 %

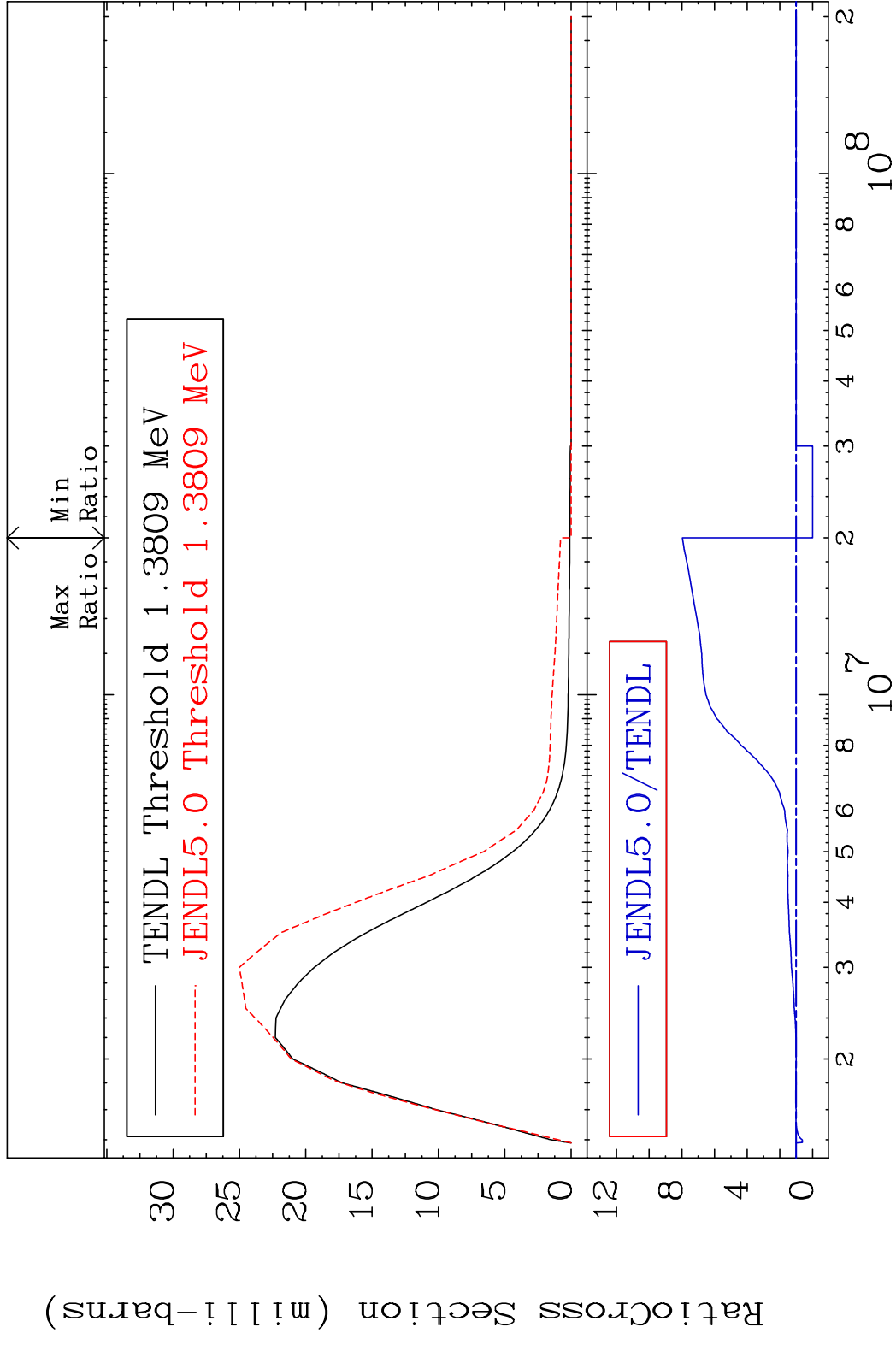


20 10⁶ 2 3 4 5 6 8 10⁷ 2 3 4 5 6 8 10⁸ 20

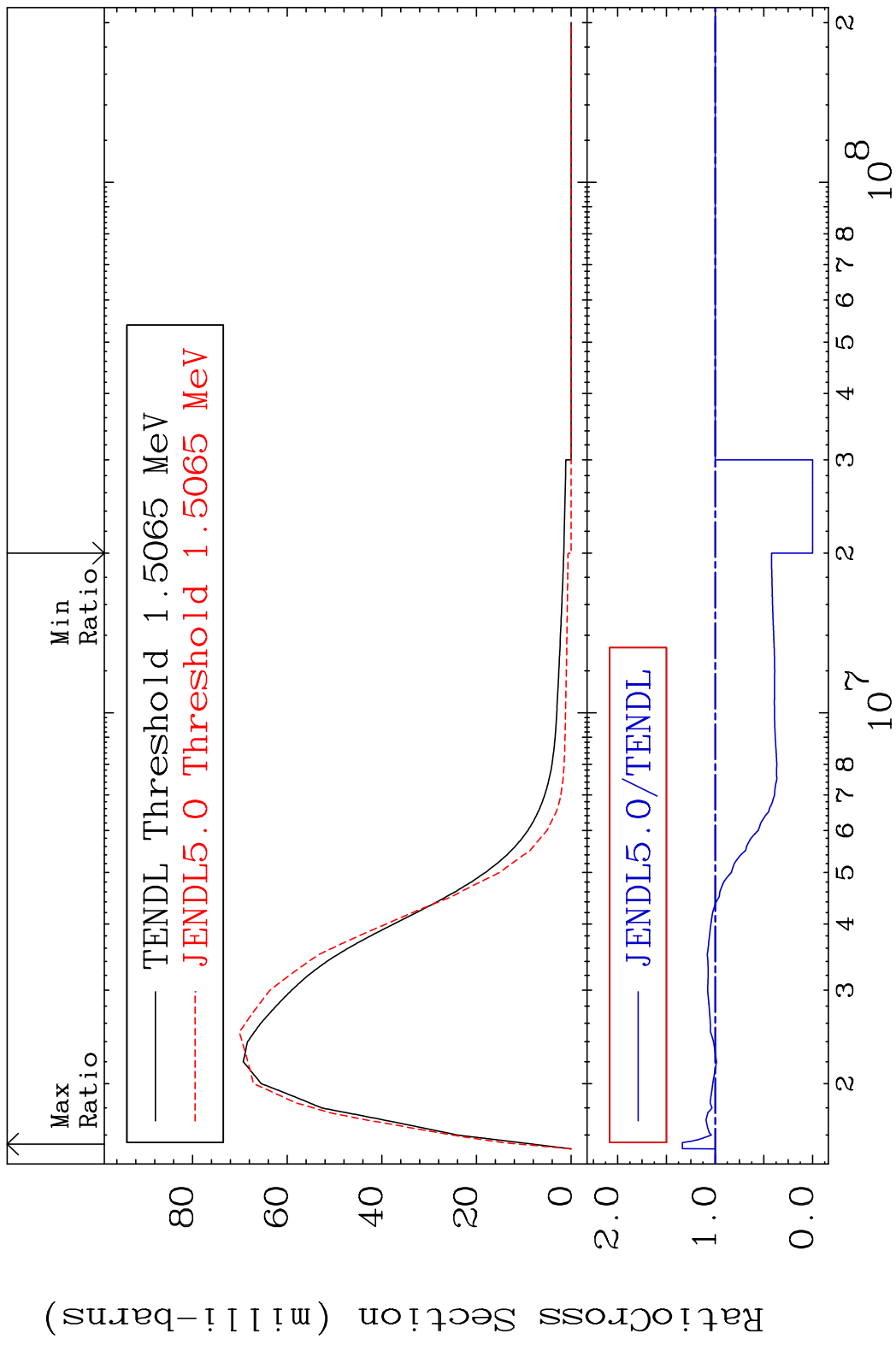
MAT 8228 MT= 61 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 19.95 %



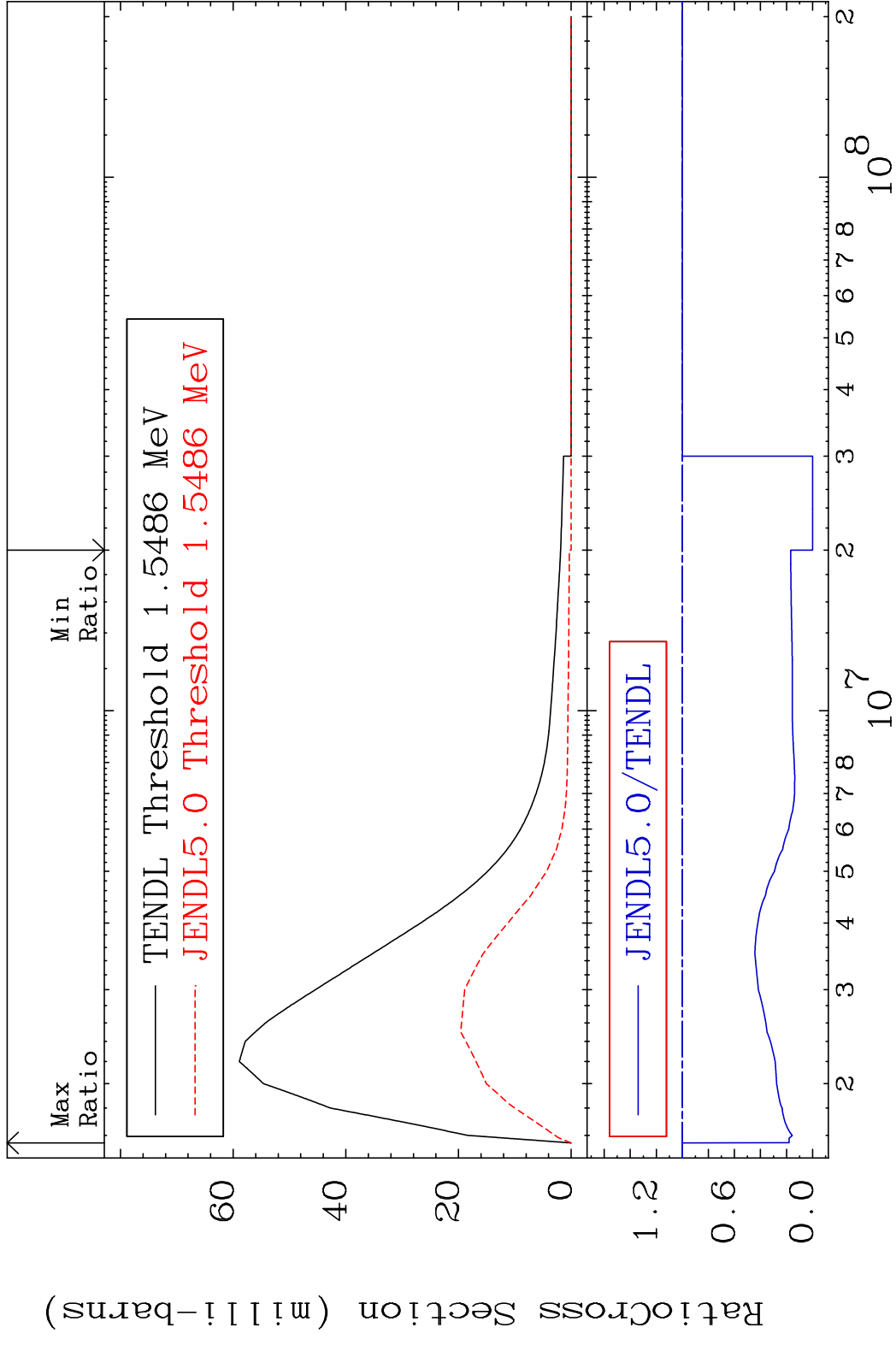
MAT 8228 MT= 62 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 696.9 %



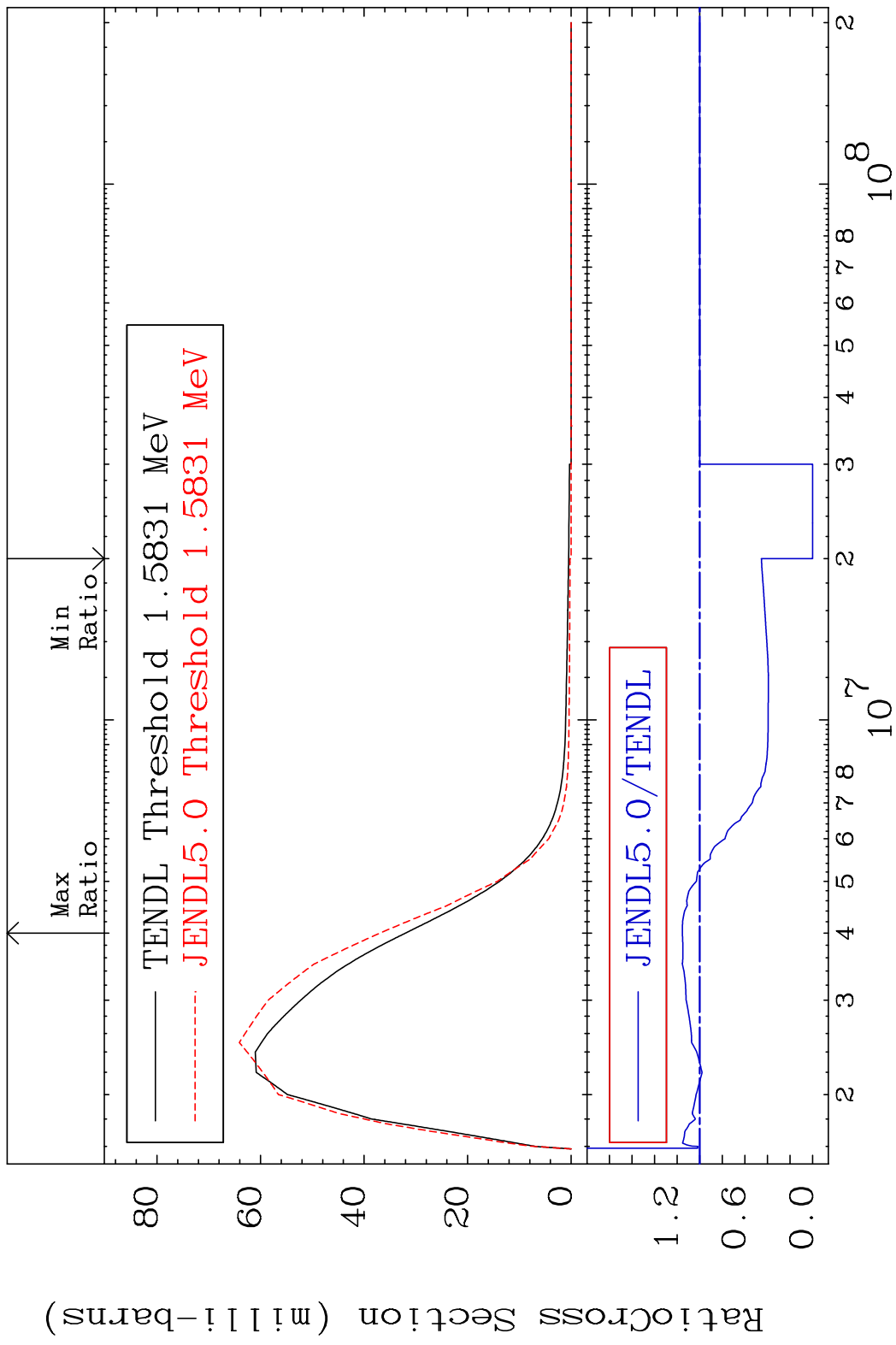
MAT 8228 MT= 63 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 33.65 %



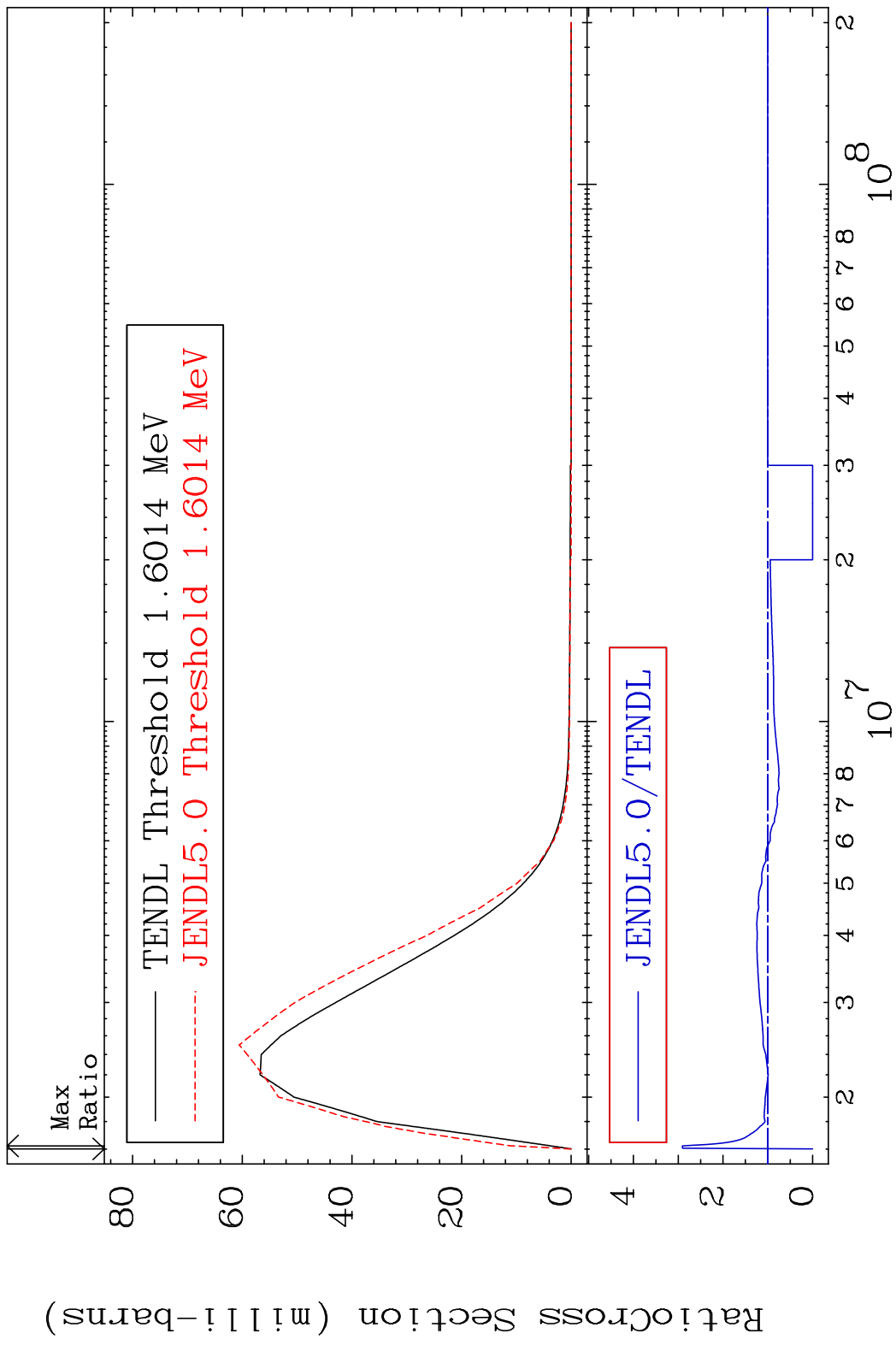
MAT 8228 MT= 64 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 0.000 %



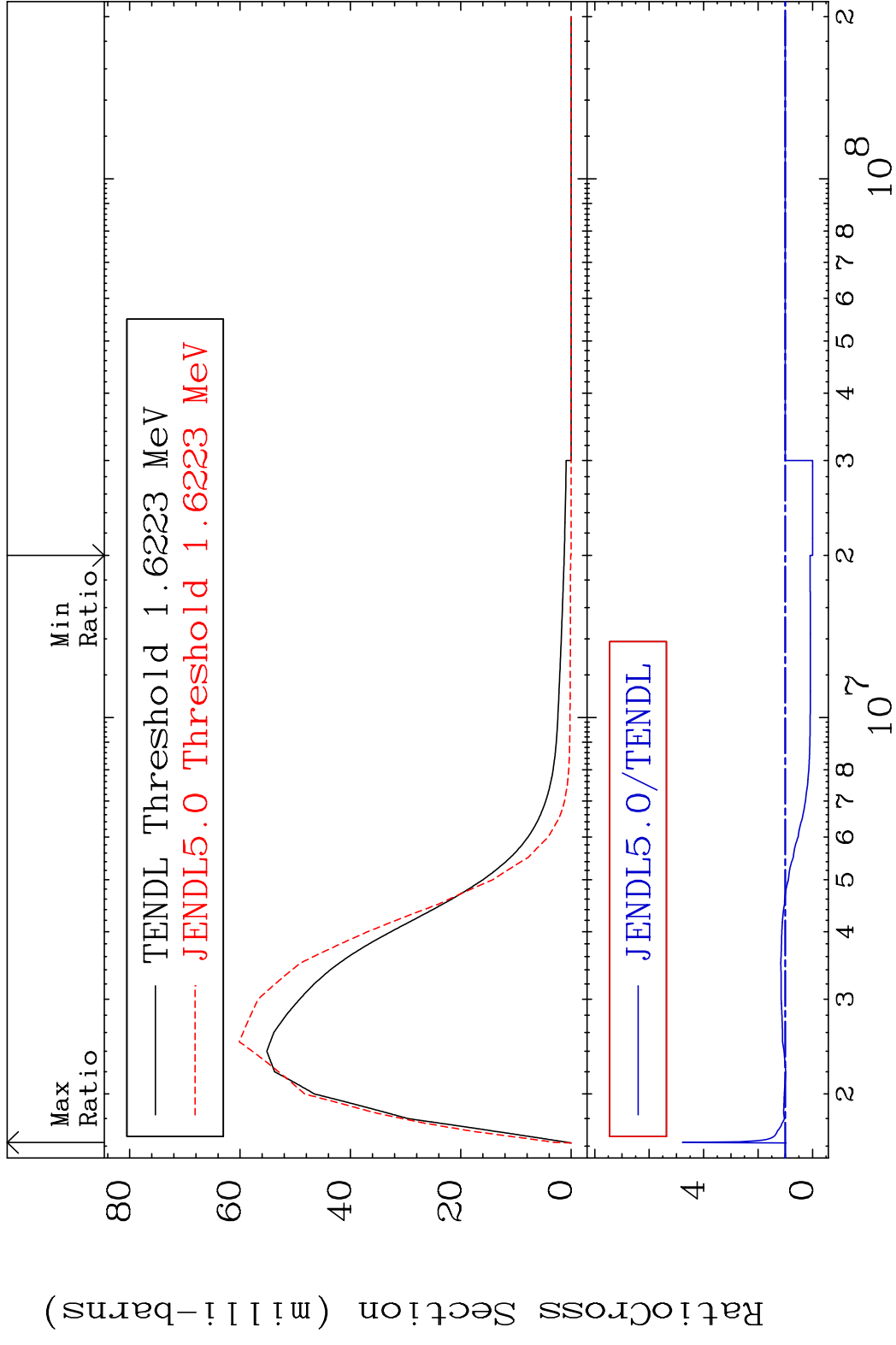
MAT 8228 MT= 65 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 15.35 %



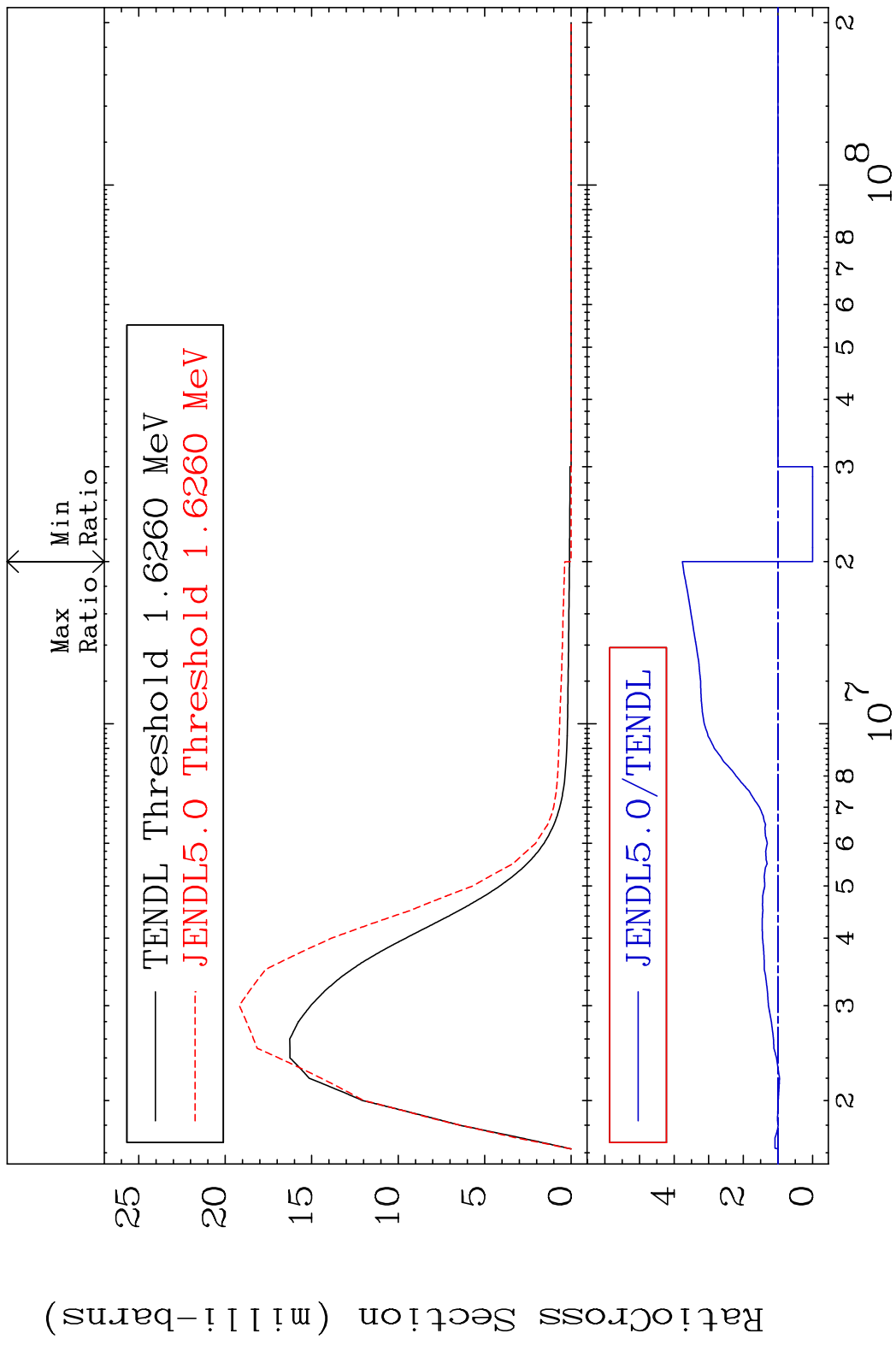
MAT 8228 MT= 66 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 190.8 %



MAT 8228 MT= 67 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 378.2 %

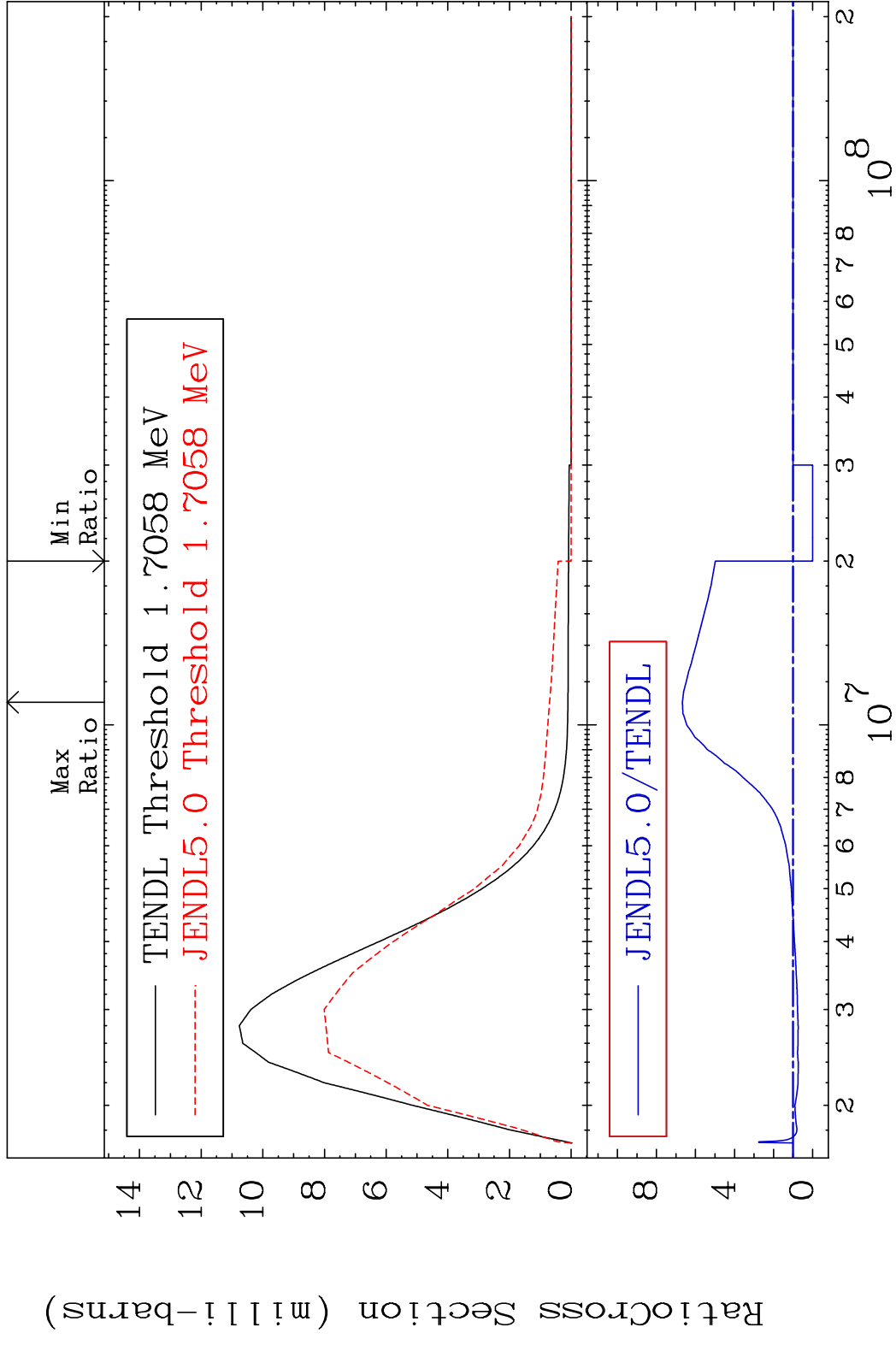


MAT 8228 MT= 68 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 276.2 %

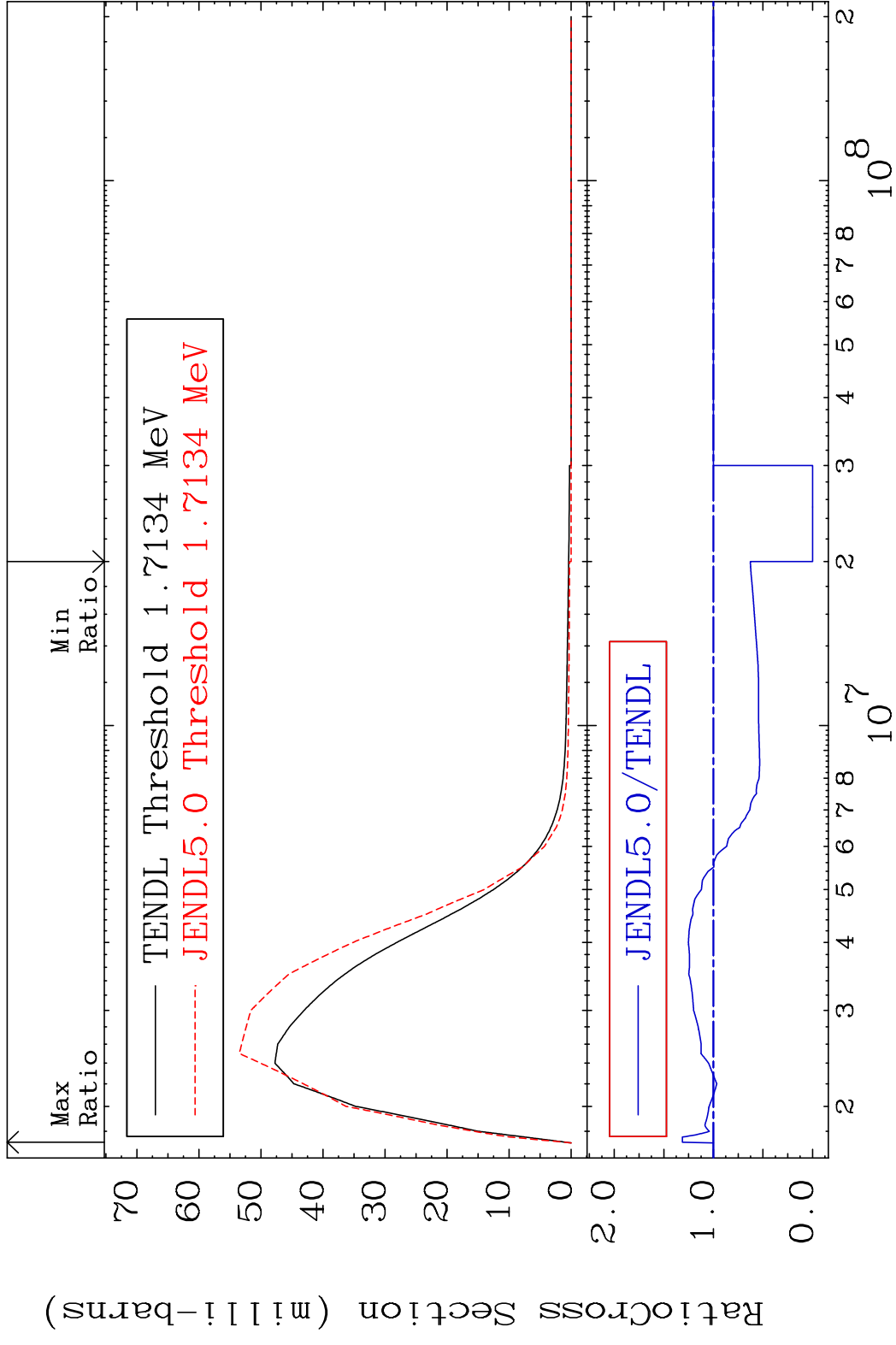


28 82-Pb-205

MAT 8228 MT= 69 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 567.3 %

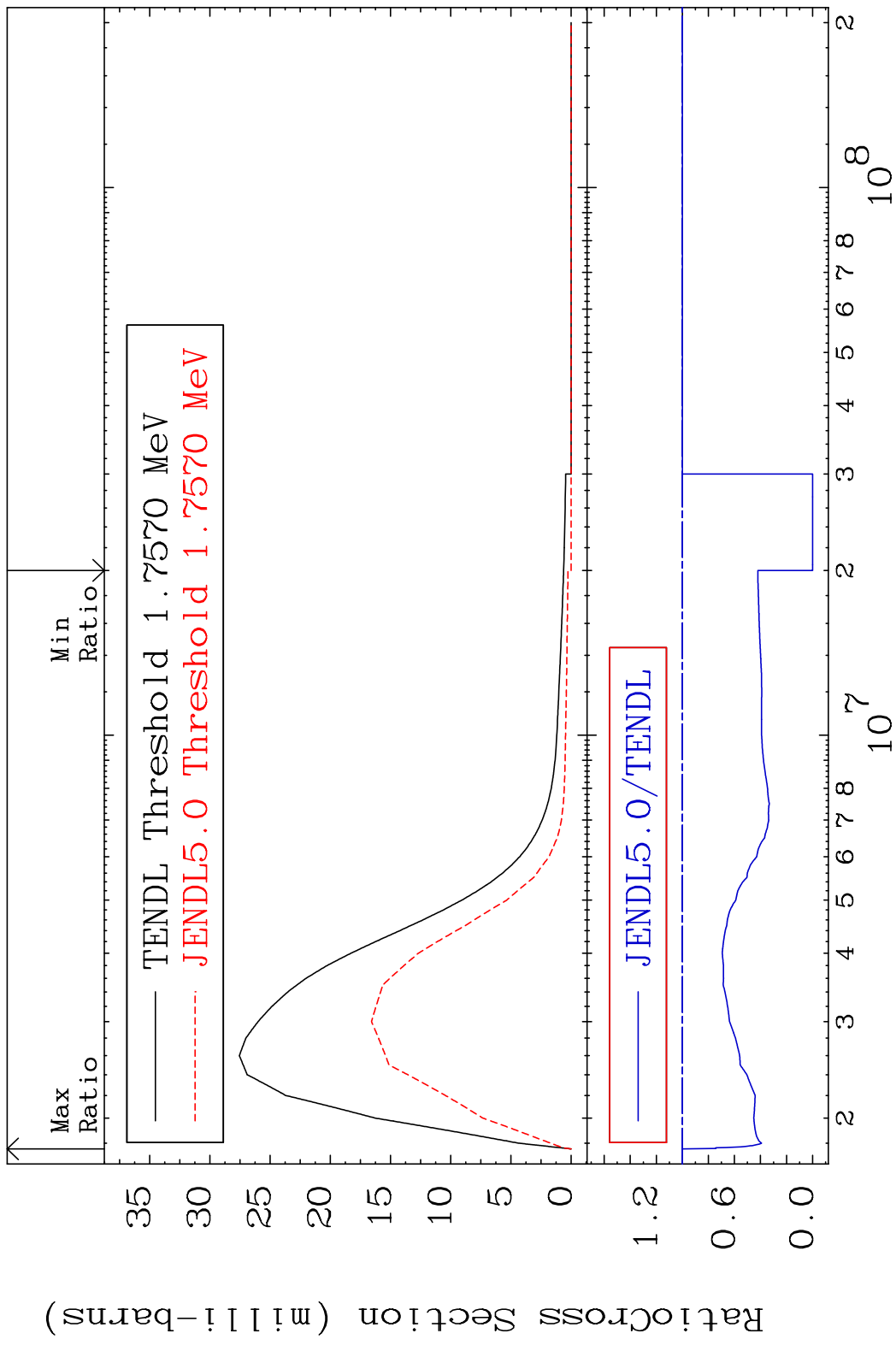


MAT 8228 MT= 70 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 31.30 %

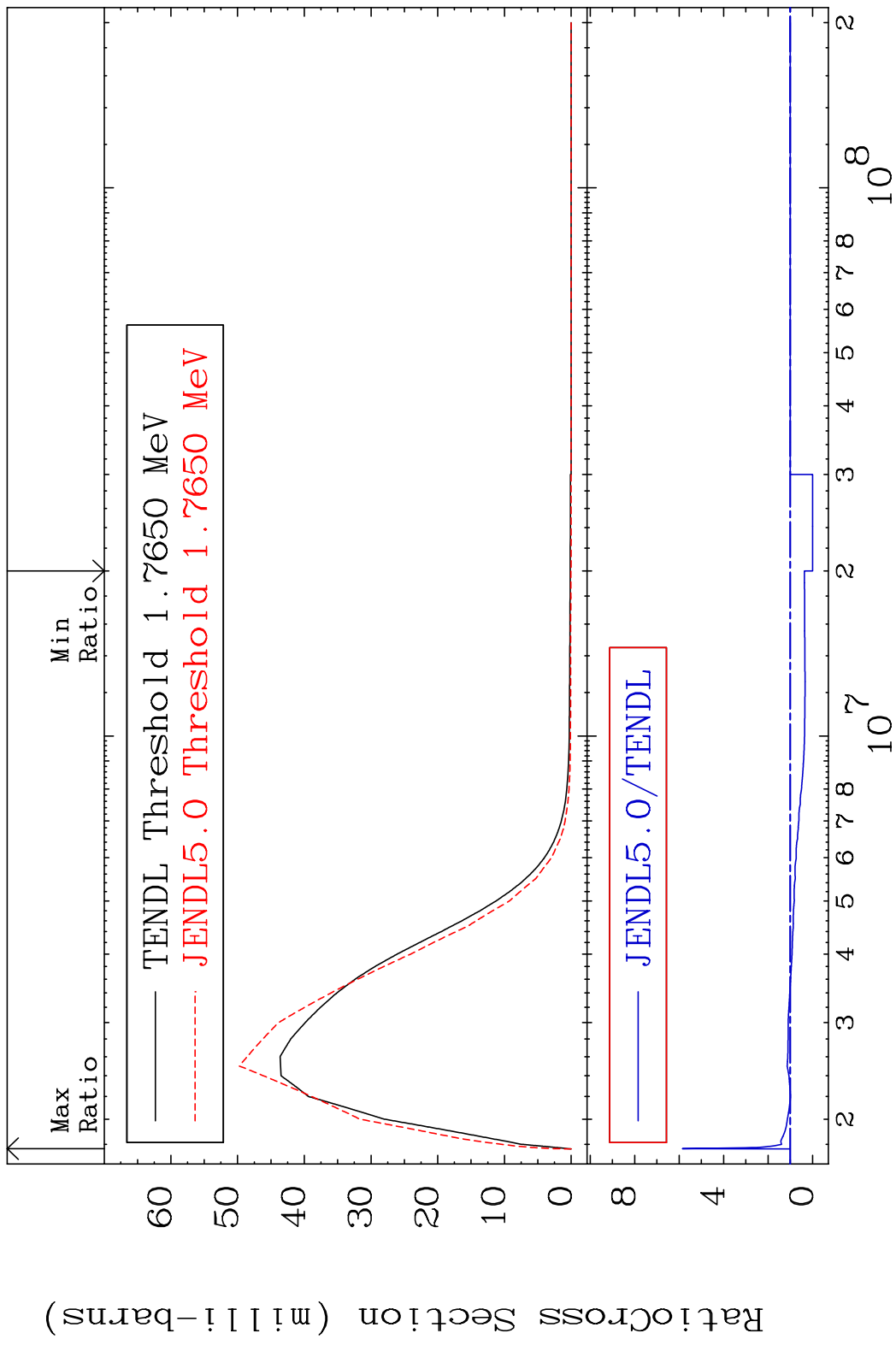


30 82-Pb-205

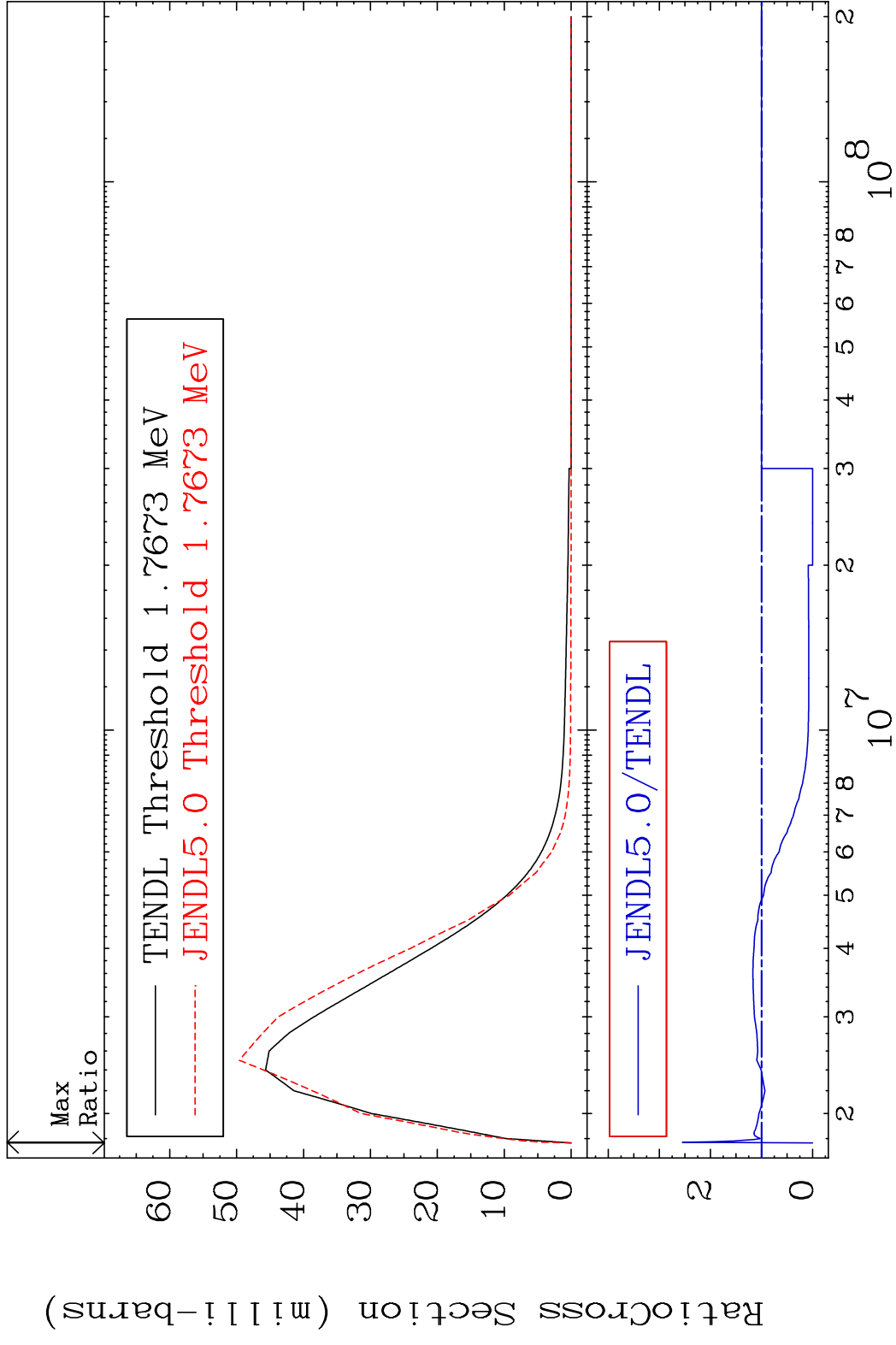
MAT 8228 MT= 71 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 0.000 %



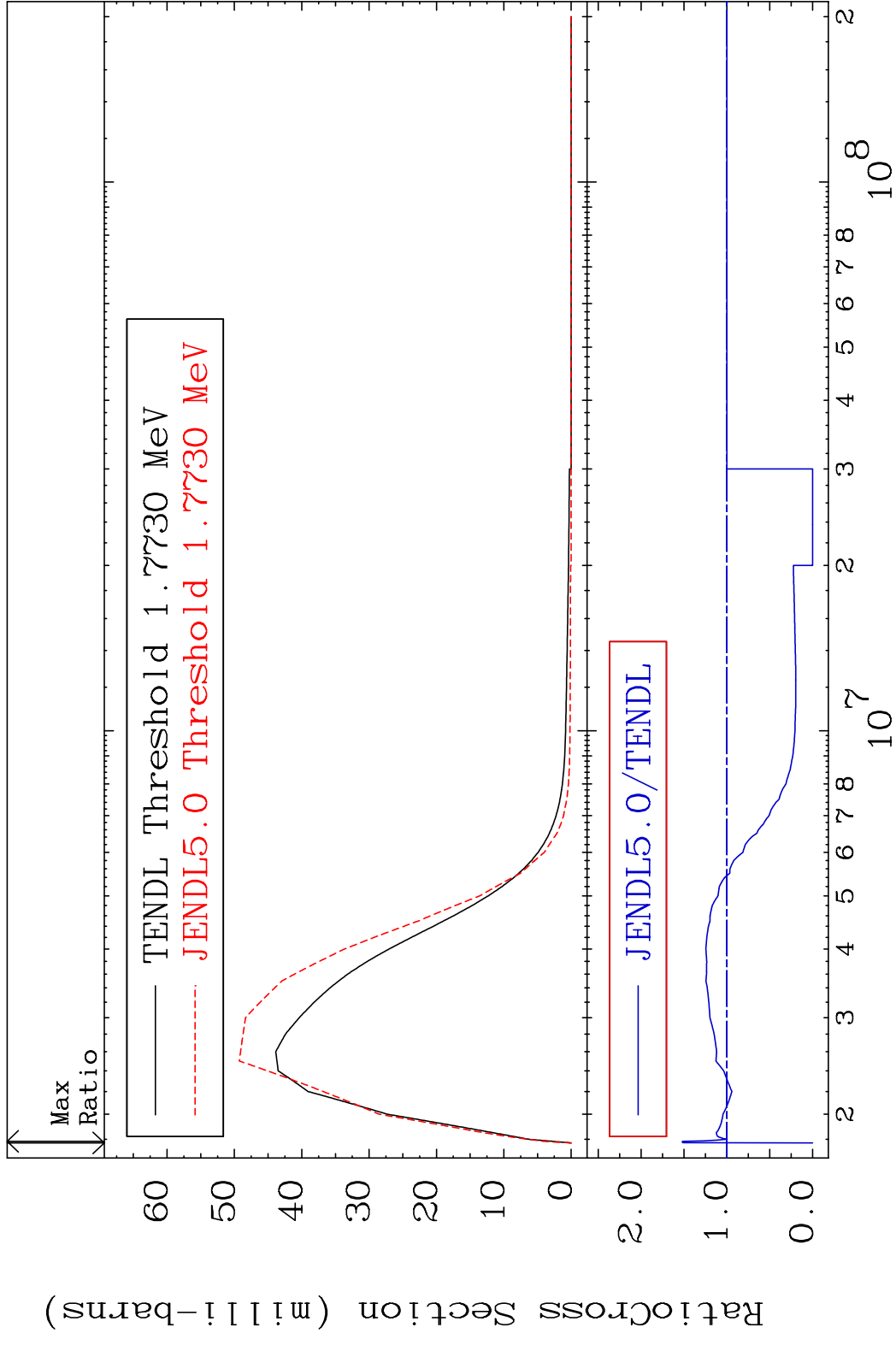
MAT 8228 MT= 72 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 485.6 %



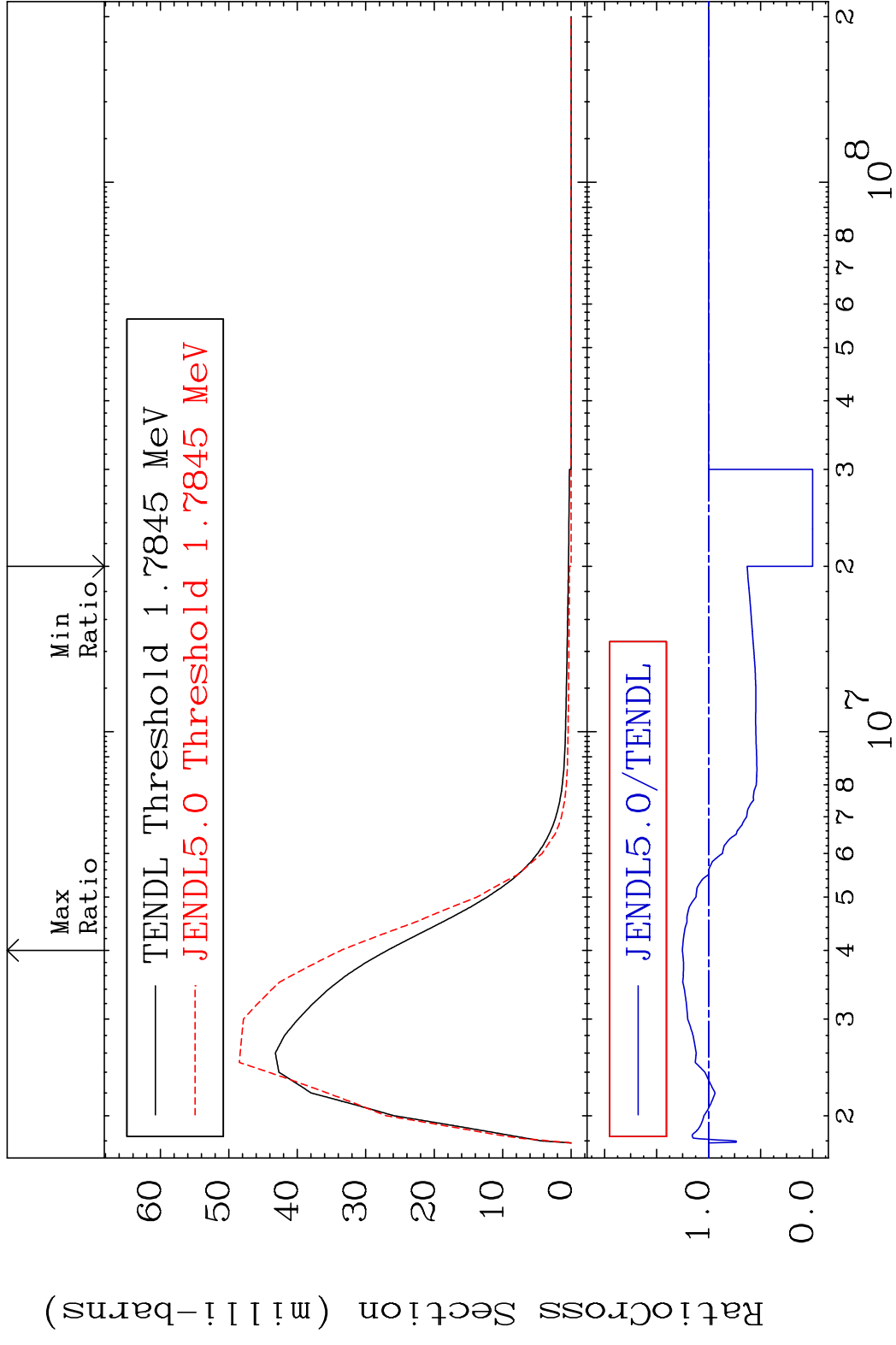
MAT 8228 MT= 73 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 155.1 %



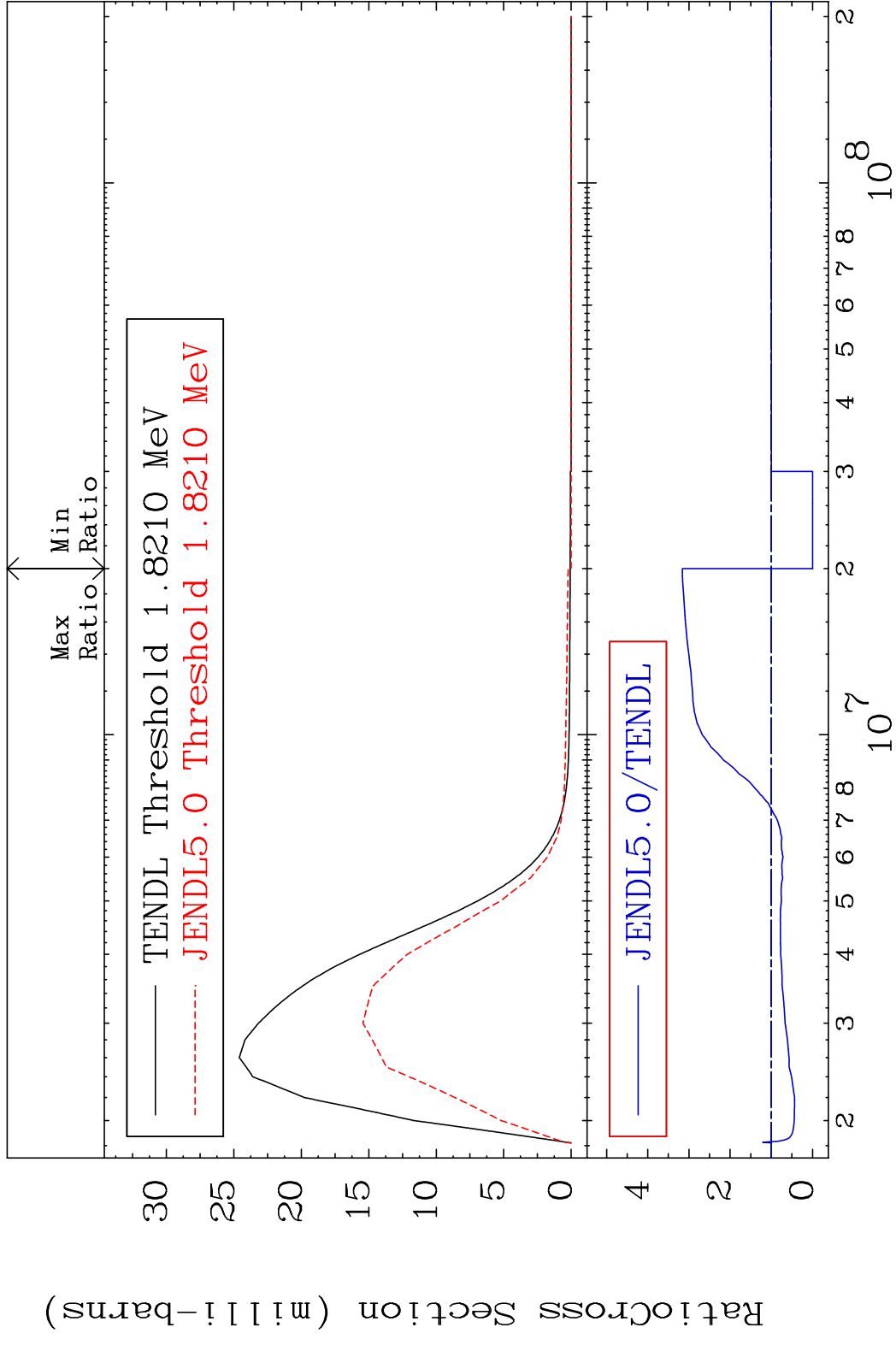
MAT 8228 MT= 74 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 51.95 %



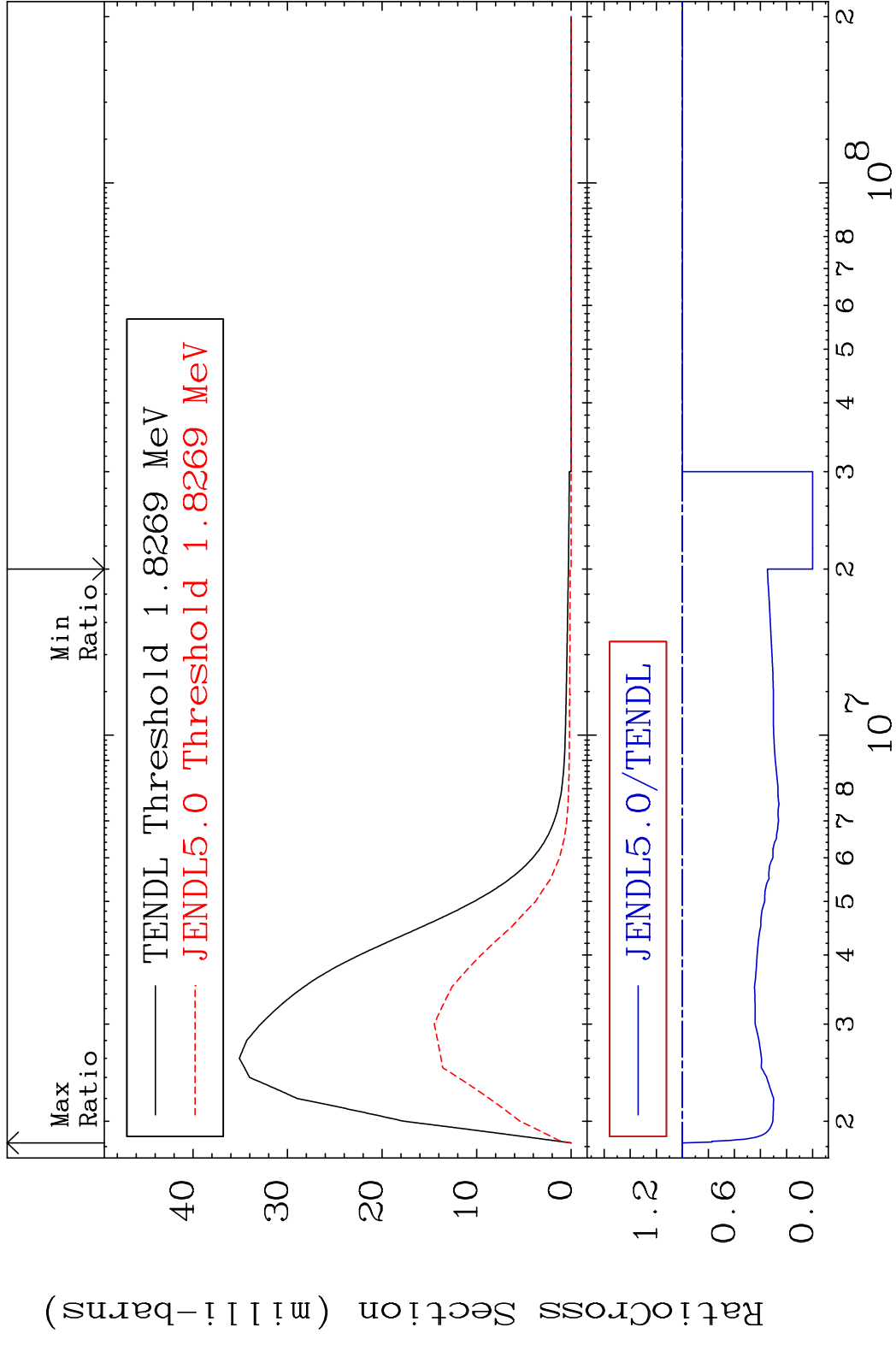
MAT 8228 MT= 75 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 25.22 %



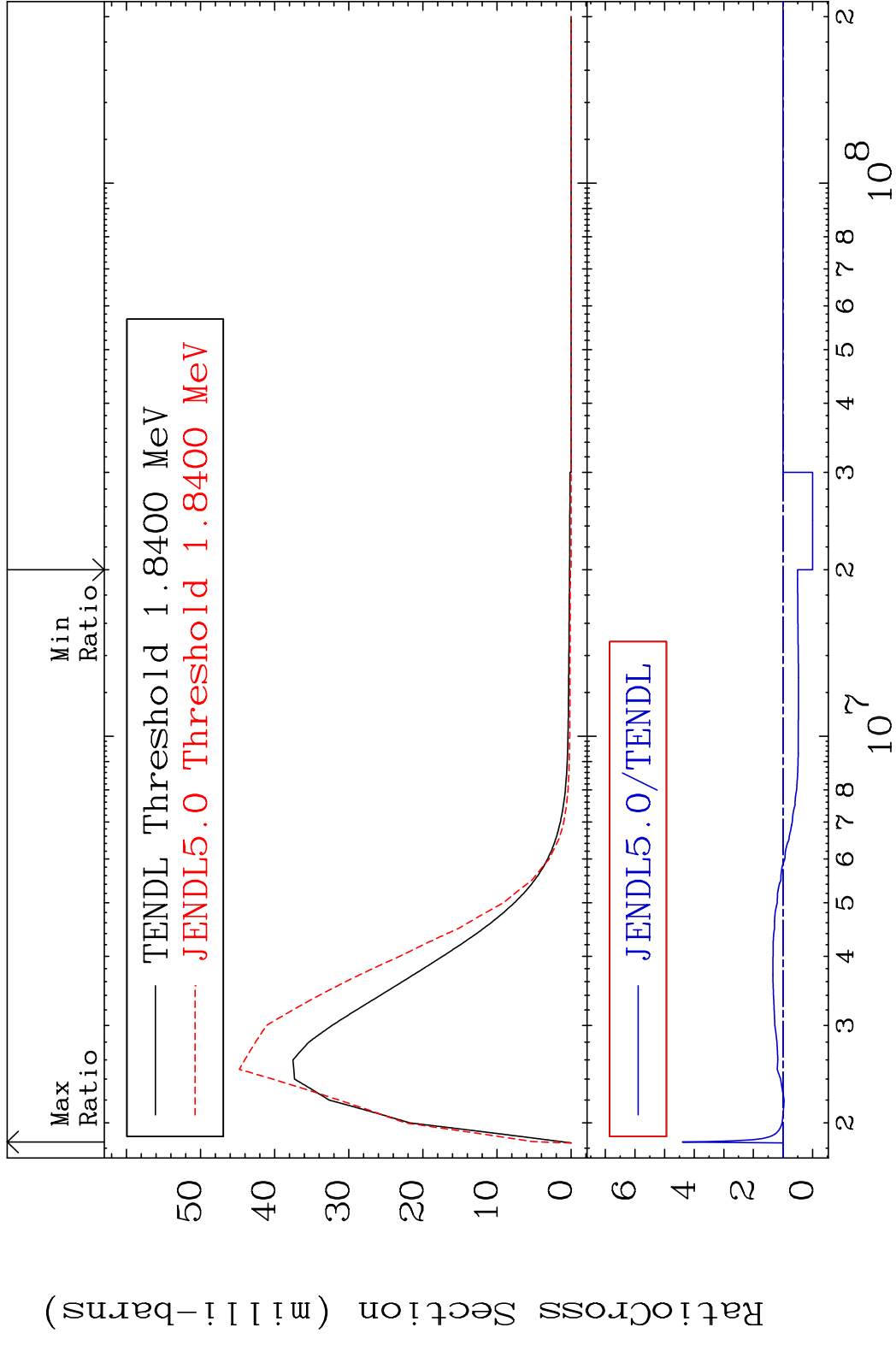
MAT 8228 MT= 76 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 216.0 %



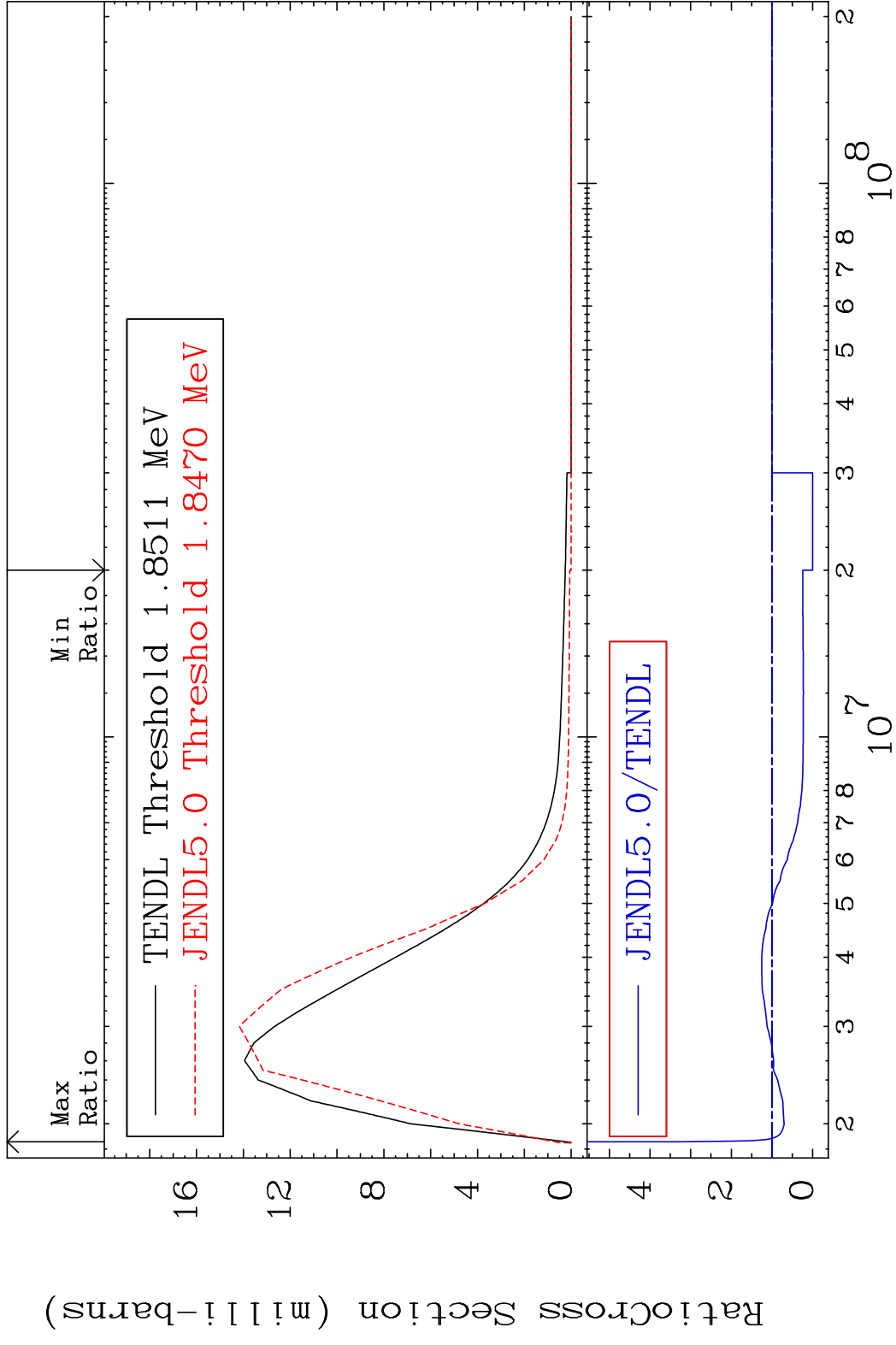
MAT 8228 MT= 77 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 0.000 %



MAT 8228 MT= 78 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 340.0 %



MAT 8228 MT= 79 (n, n') Level 82-Pb-205
 Cross Section -100.0 To 220.5 %

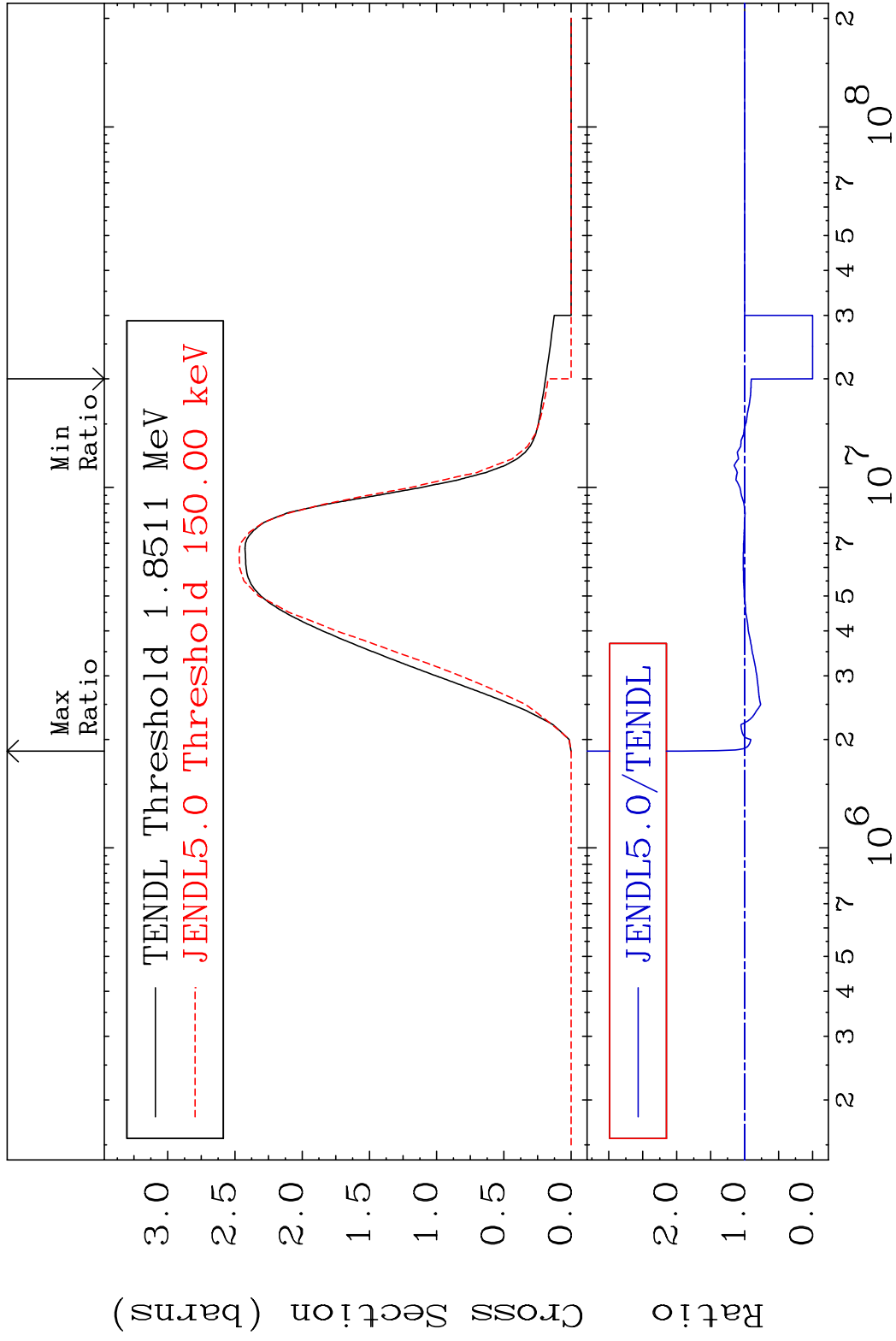


MAT 8228

(n, n') Continuum

82-Pb-205

Cross Section -100.0 To 91.68 %



40

Incident Energy (eV)

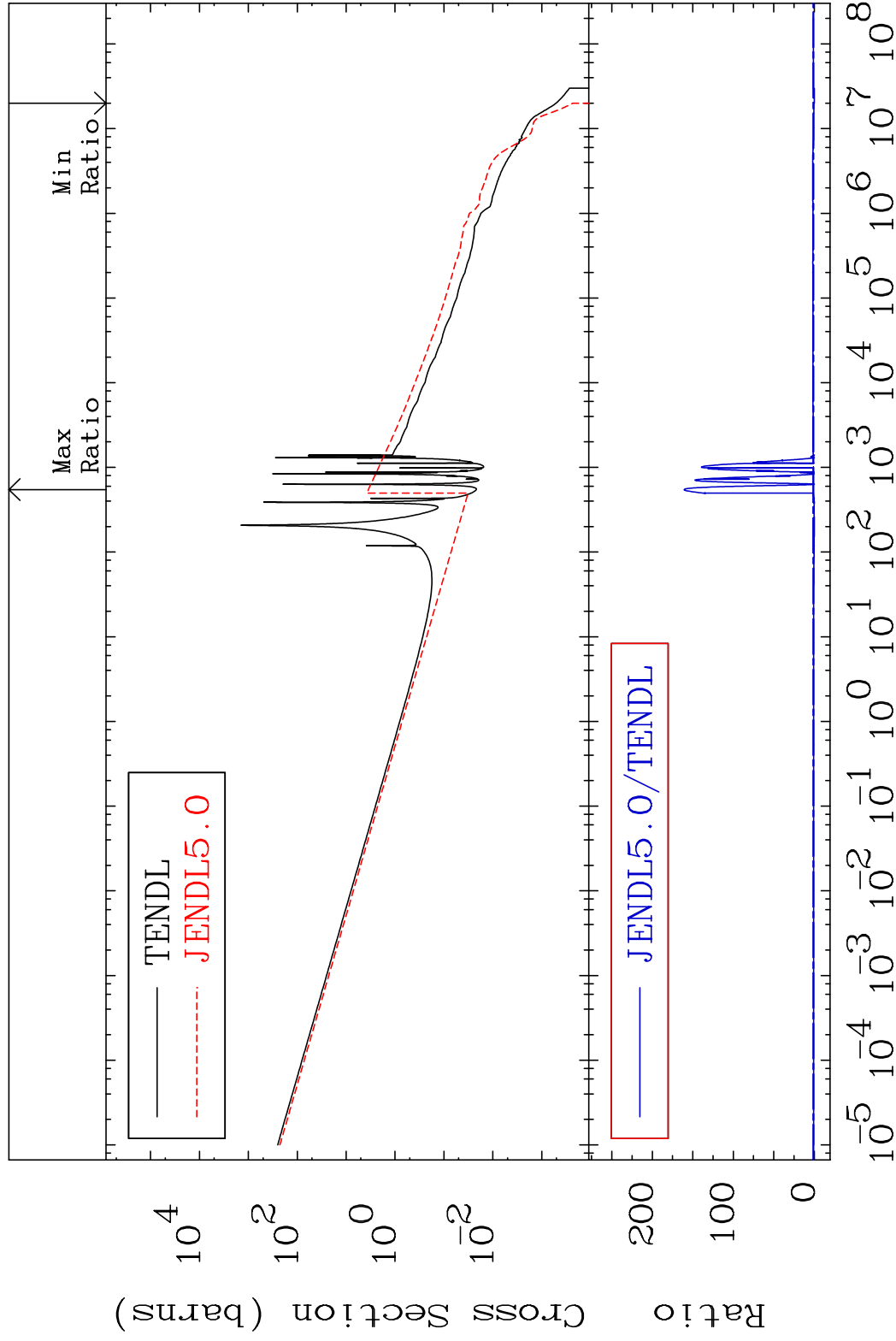
82-Pb-205

MAT 8228

(n, γ)

82-Pb-205

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

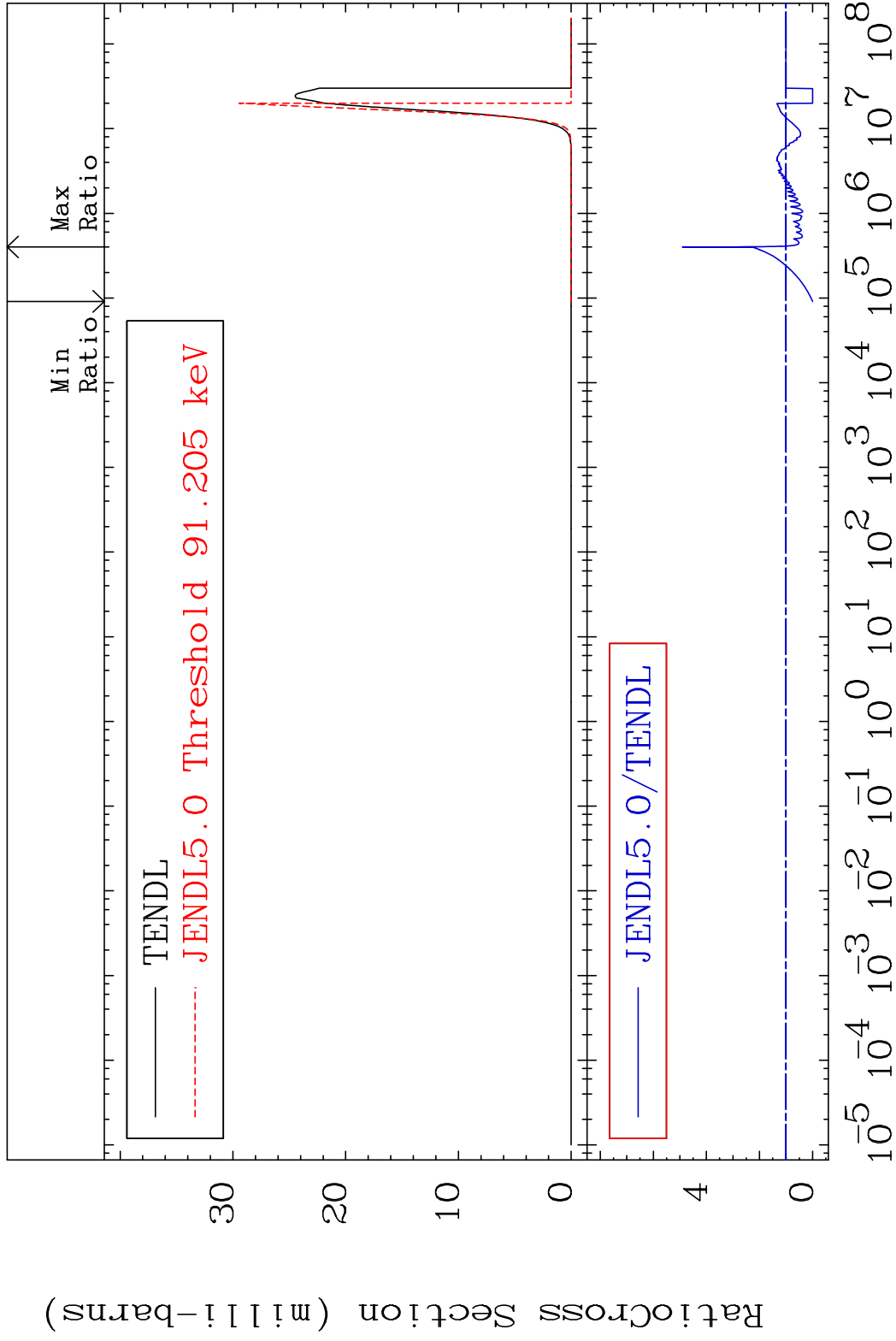
82-Pb-205

MAT 8228

(n, p)

82-Pb-205

Cross Section -100.0 To 390.6 %



42

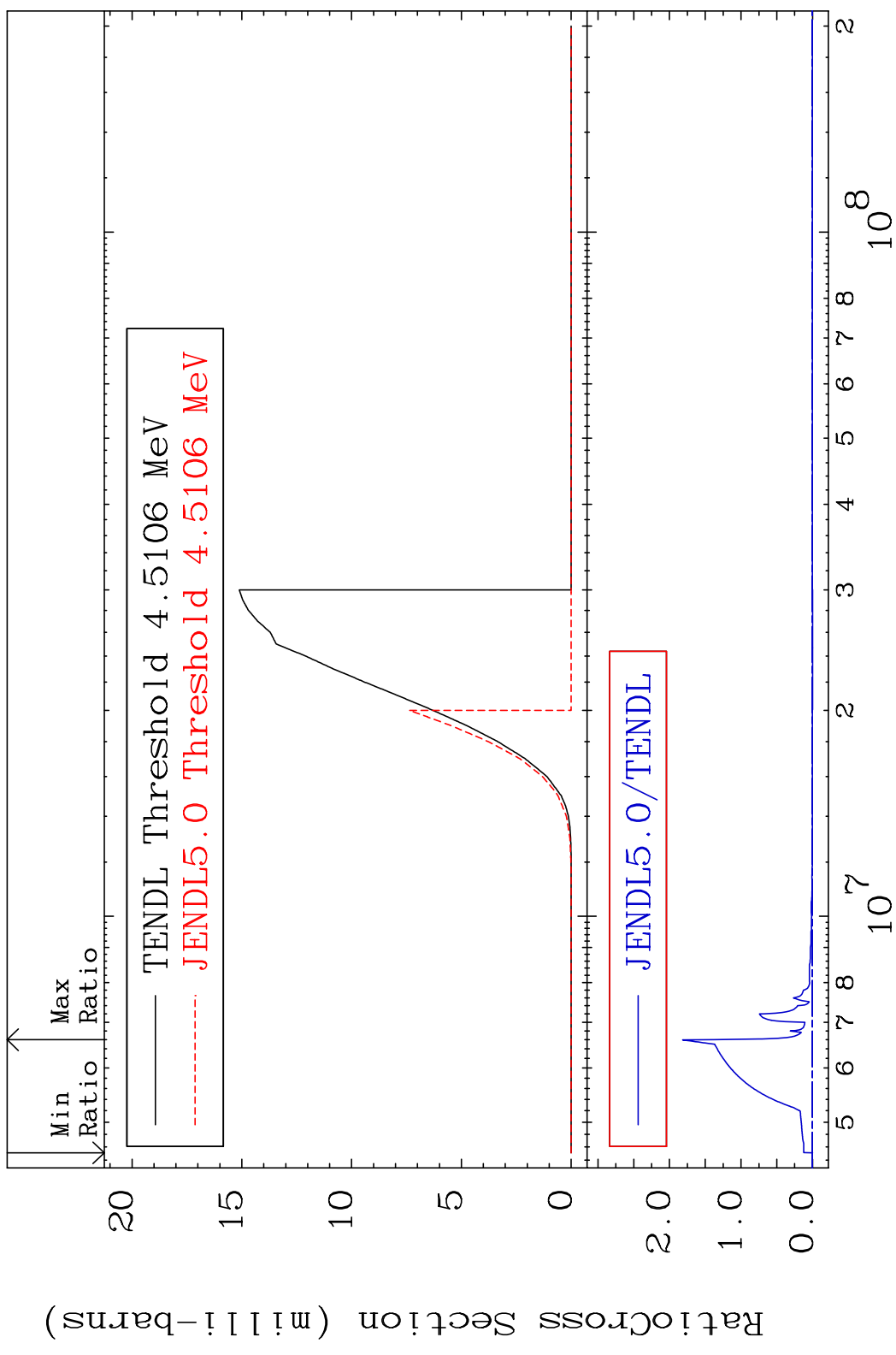
82-Pb-205

MAT 8228

(n,d)

82-Pb-205

Cross Section -100.0 To 9999. %

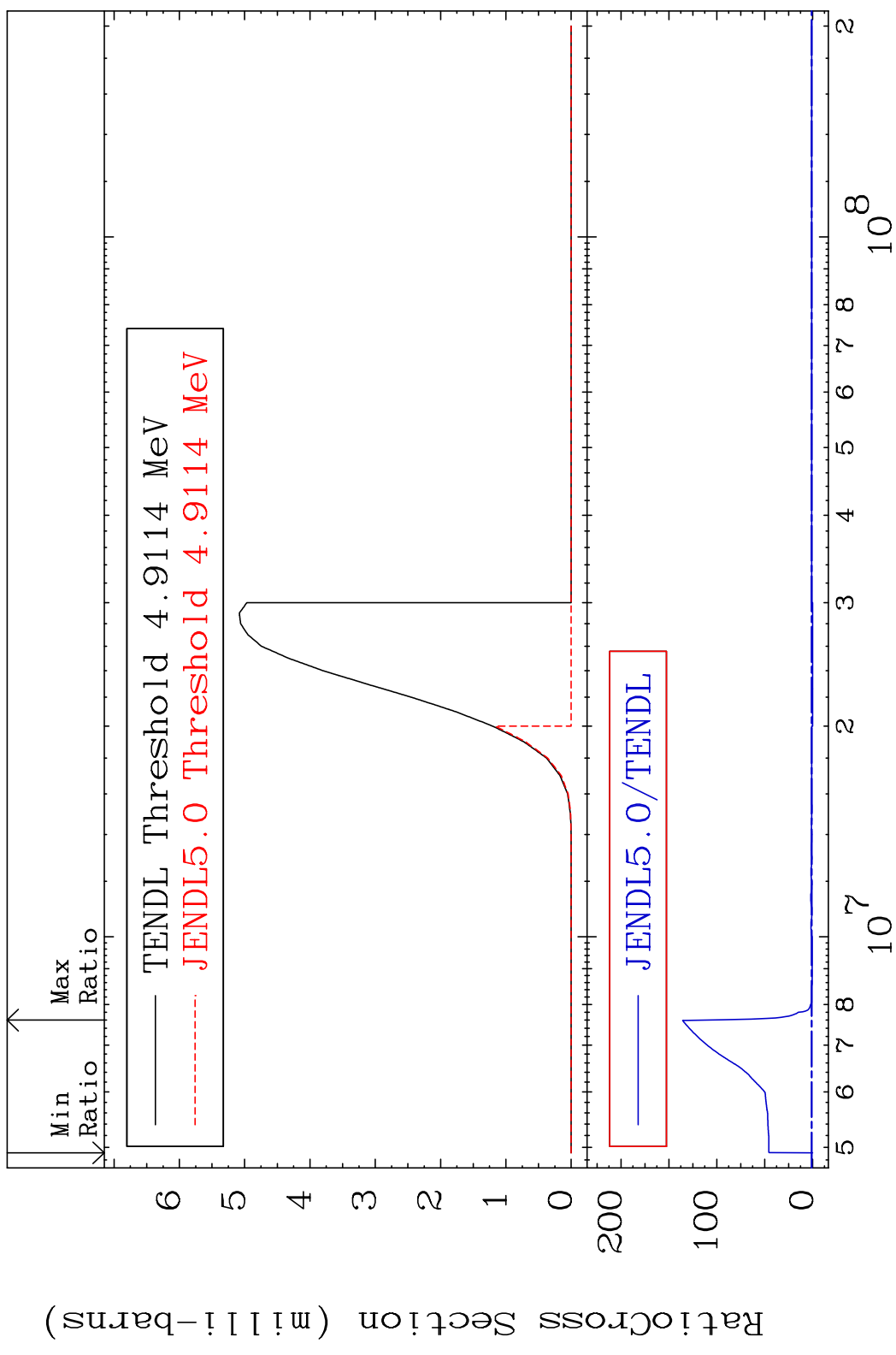


MAT 8228

(n, t)

82-Pb-205

Cross Section -100.0 To 9999. %

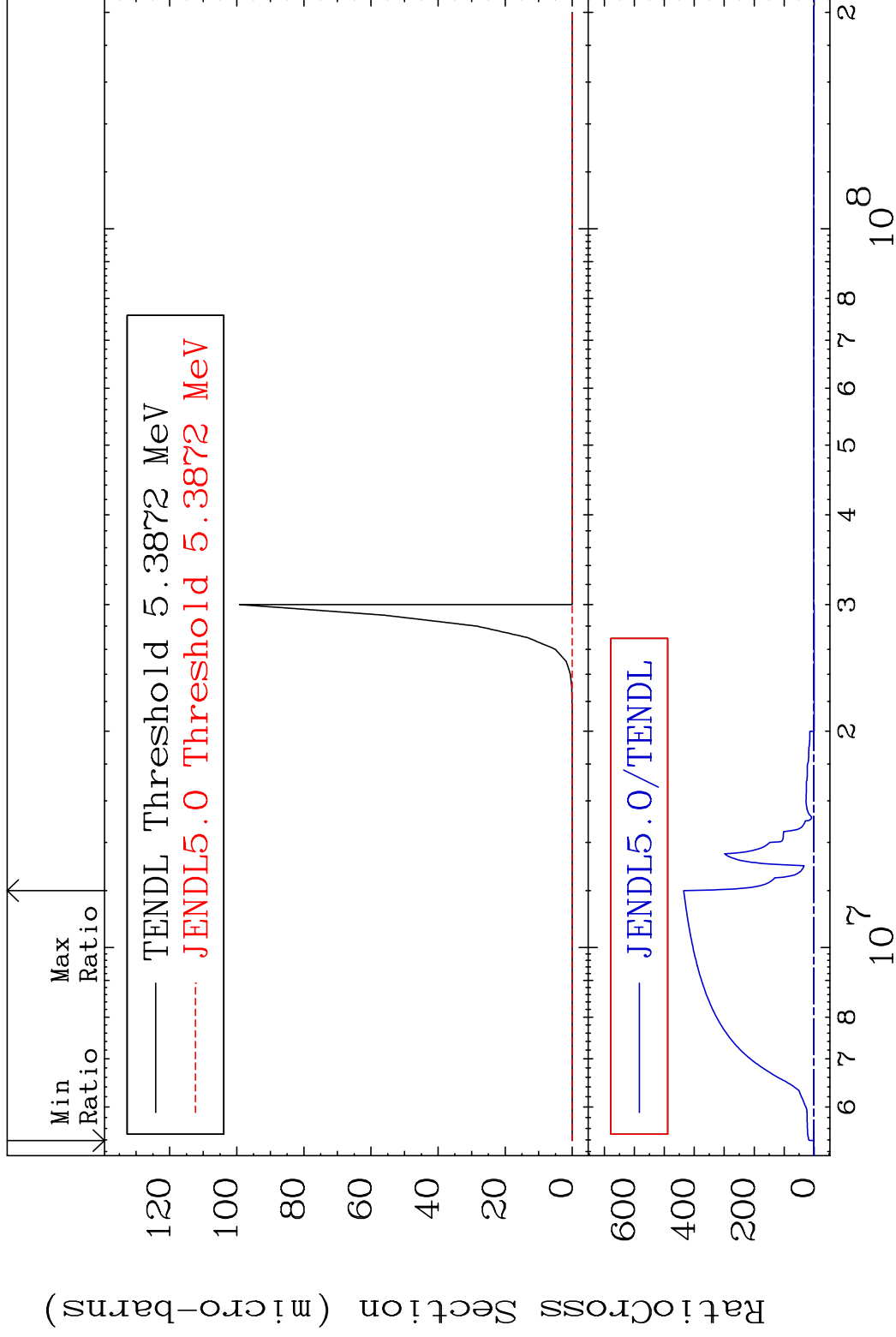


MAT 8228

(n, He-3)

82-Pb-205

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

82-Pb-205

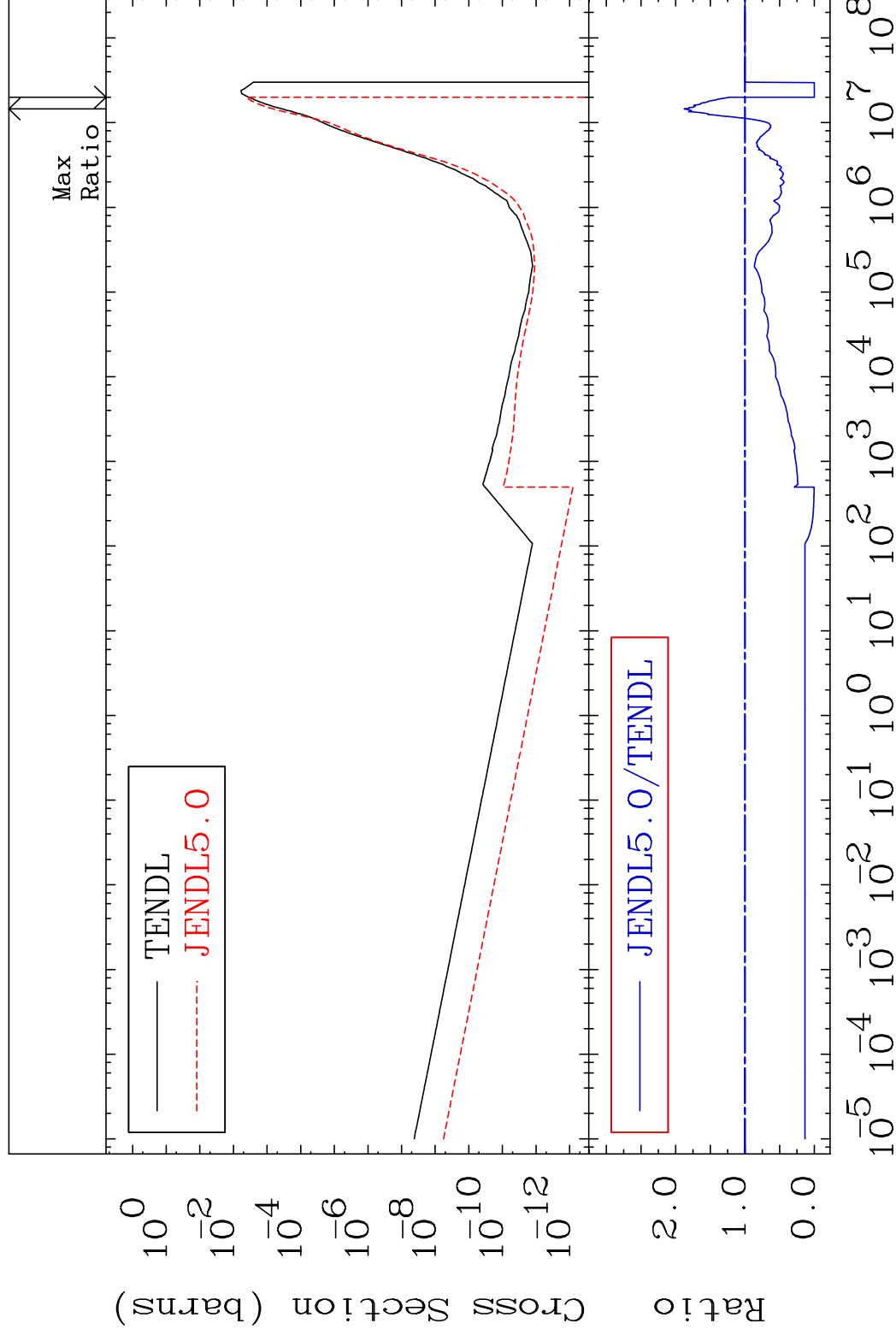
MAT 8228

(n, α)

82-Pb-205

Cross Section

-100.0 To 87.95 %



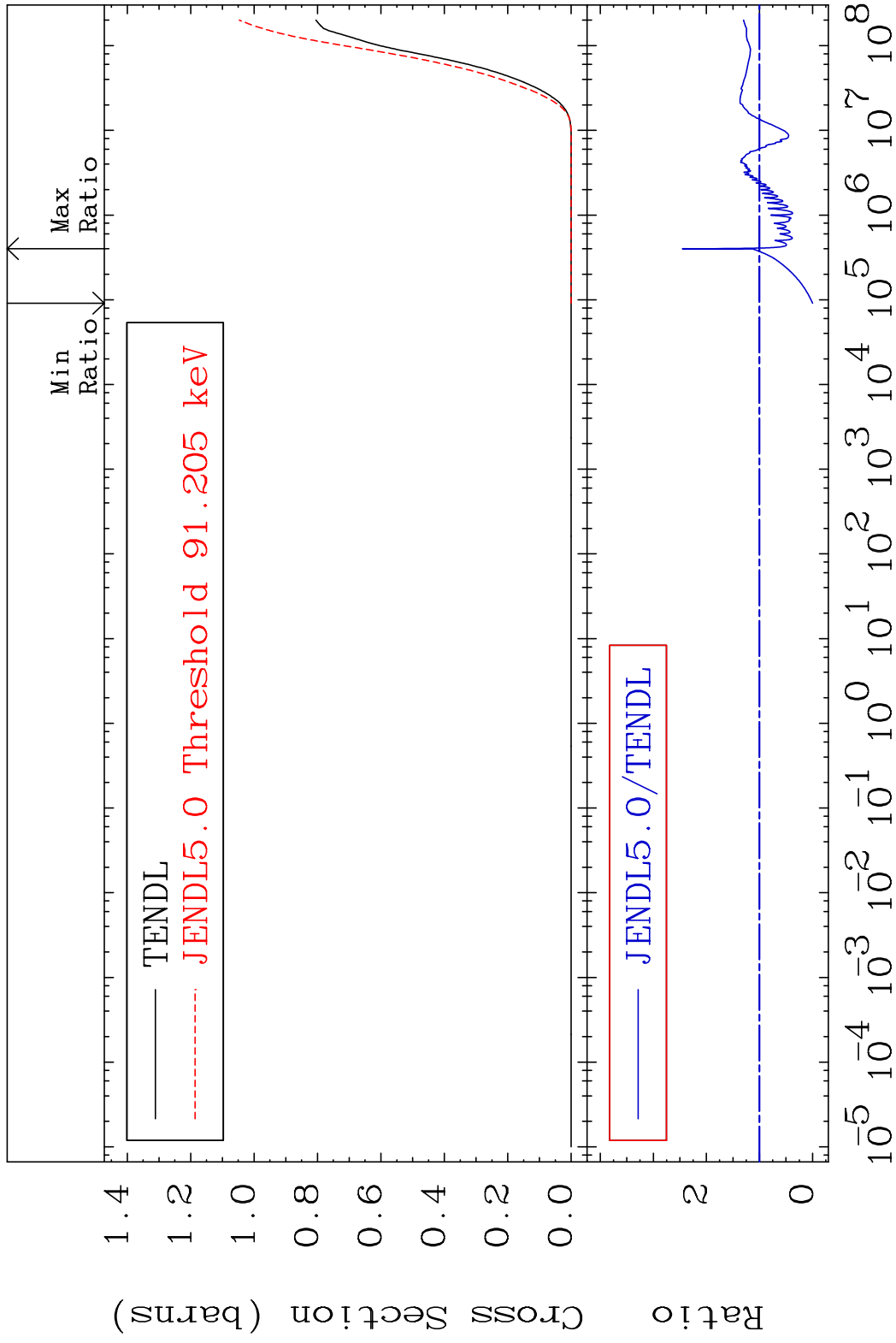
46

Incident Energy (eV)

82-Pb-205

MAT 8228

Hydrogen Production 82-Pb-205
Cross Section -100.0 To 145.3 %

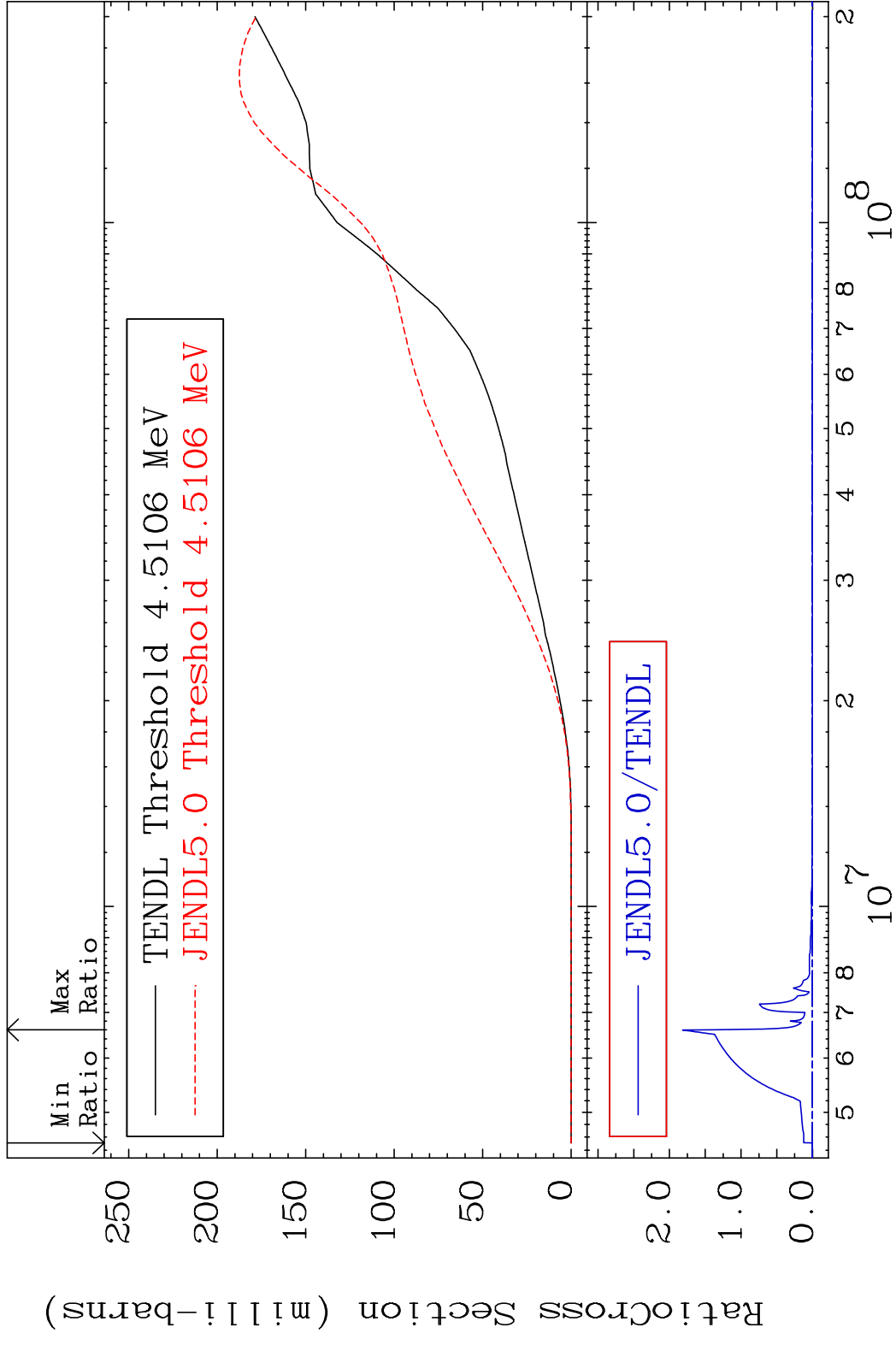


47

Incident Energy (eV)

82-Pb-205

MAT 8228 Deuterium Production 82-Pb-205
 Cross Section -100.0 To 9999. %



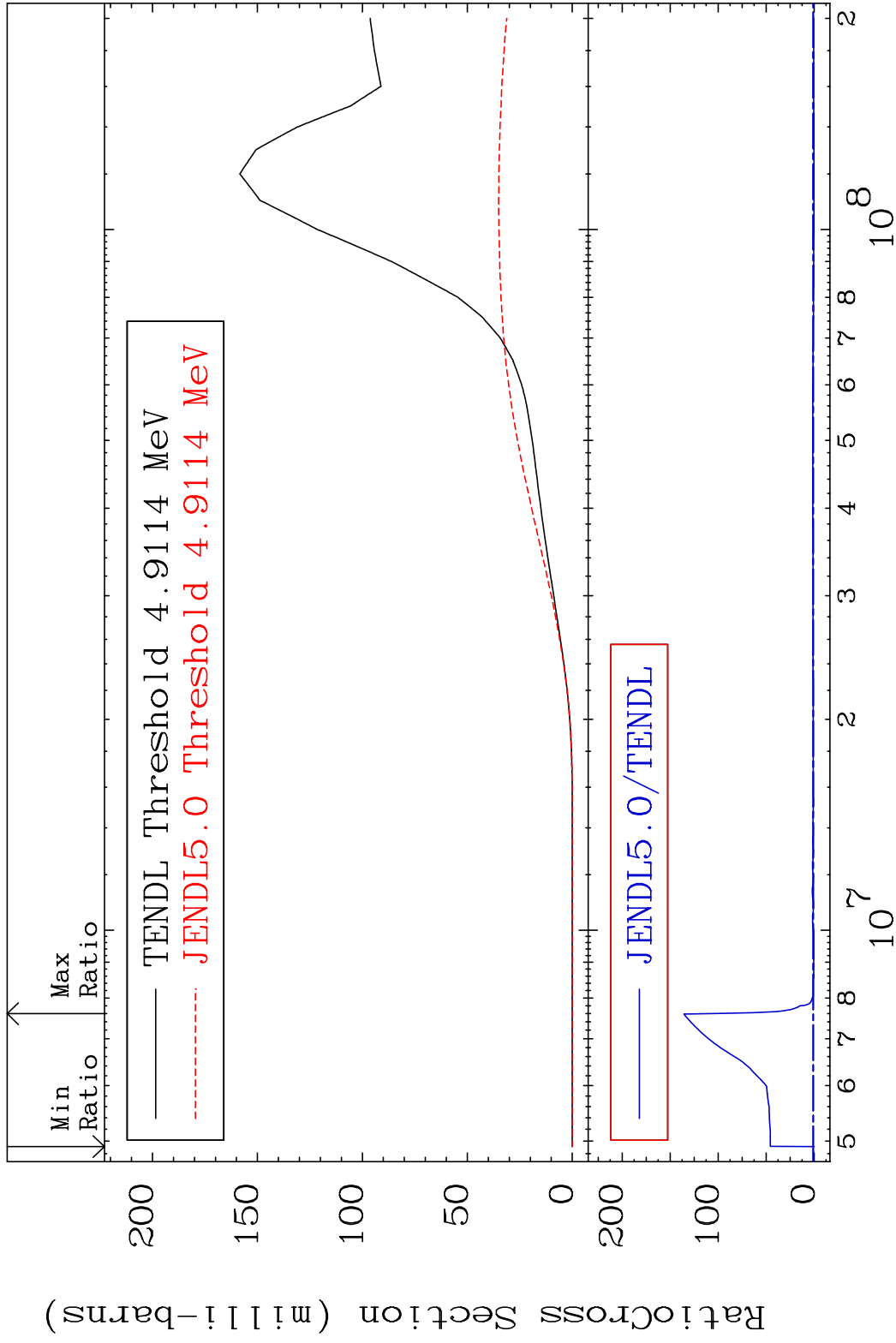
48 Incident Energy (eV) 82-Pb-205

MAT 8228

Tritium Production

82-Pb-205

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

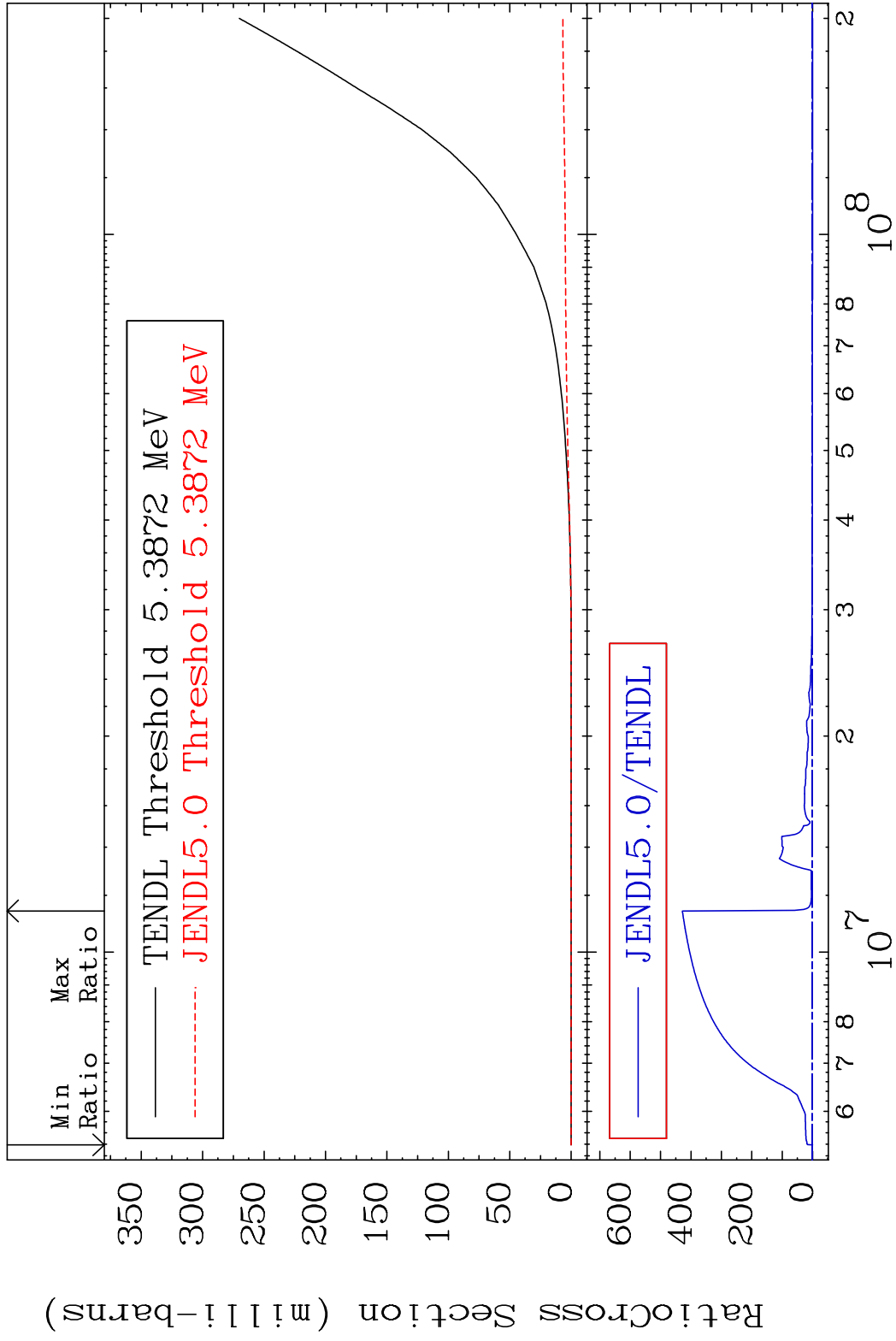
82-Pb-205

MAT 8228

He-3 Production

82-Pb-205

Cross Section -100.0 To 9999. %



50

Incident Energy (eV)

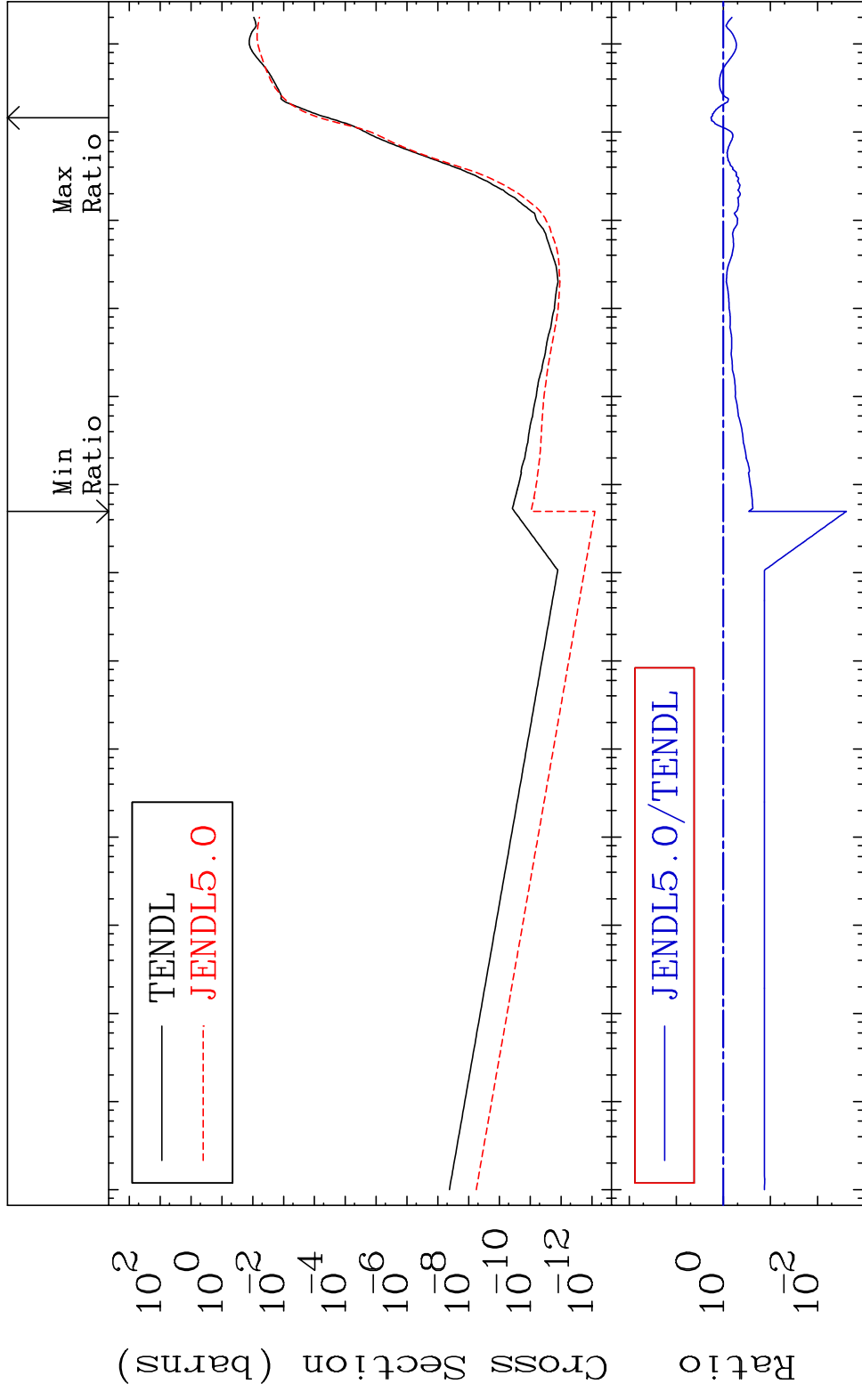
82-Pb-205

MAT 8228

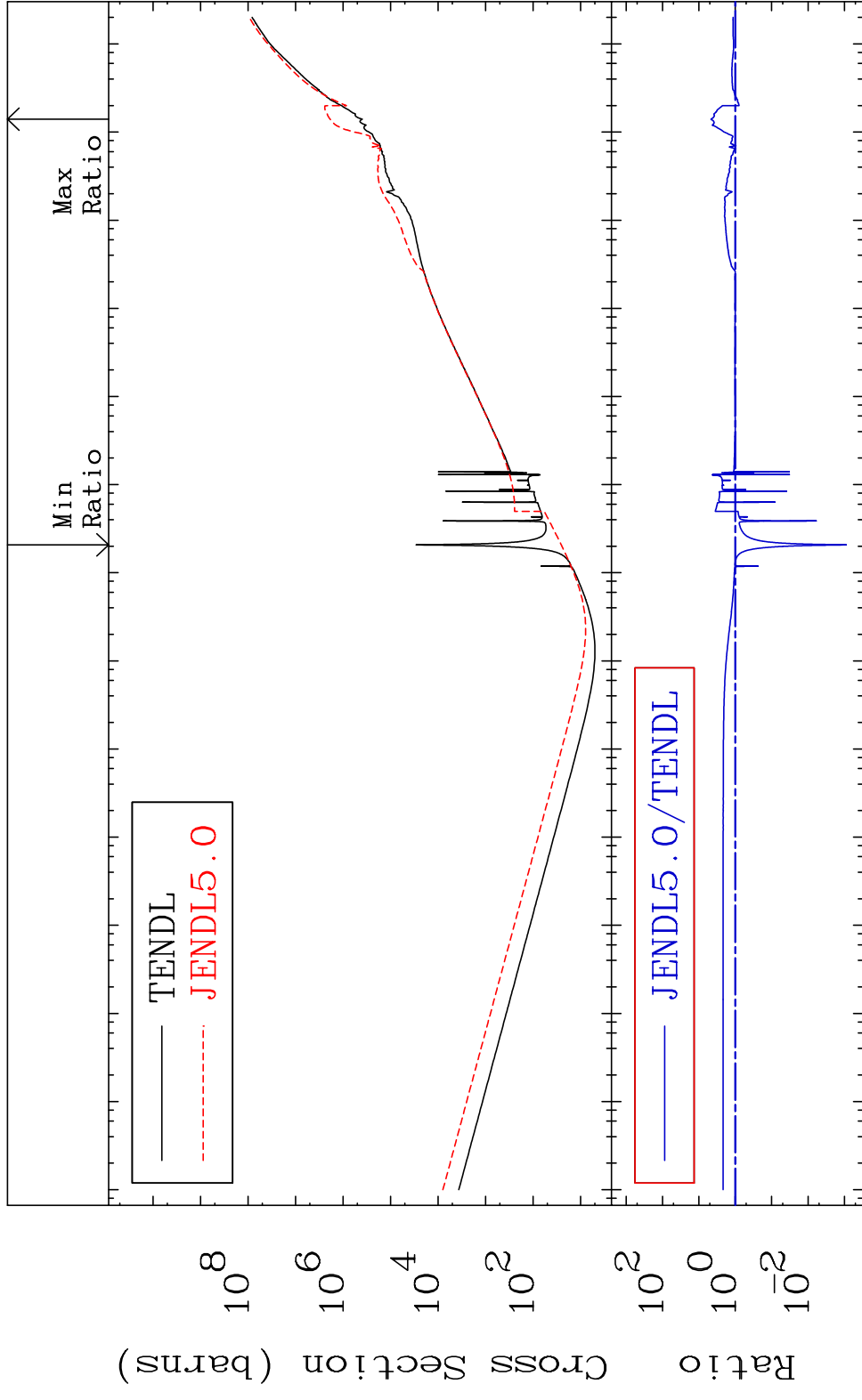
He-4 Production

82-Pb-205

Cross Section -99.76 To 85.69 %



MAT 8228 Kerma total (eV-barns) 82-Pb-205
 Cross Section -99.91 To 374.5 %

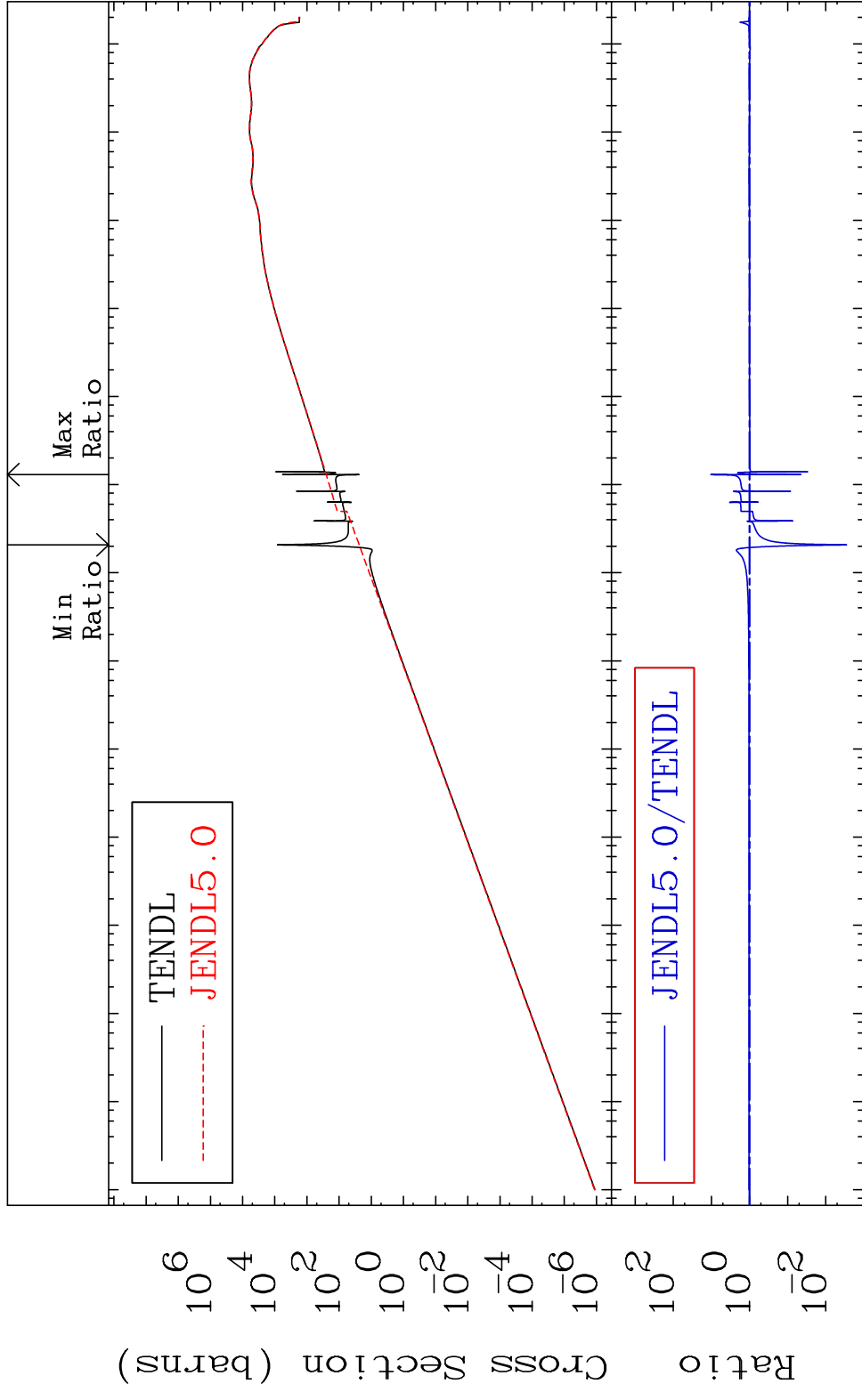


52 Incident Energy (eV) 82-Pb-205

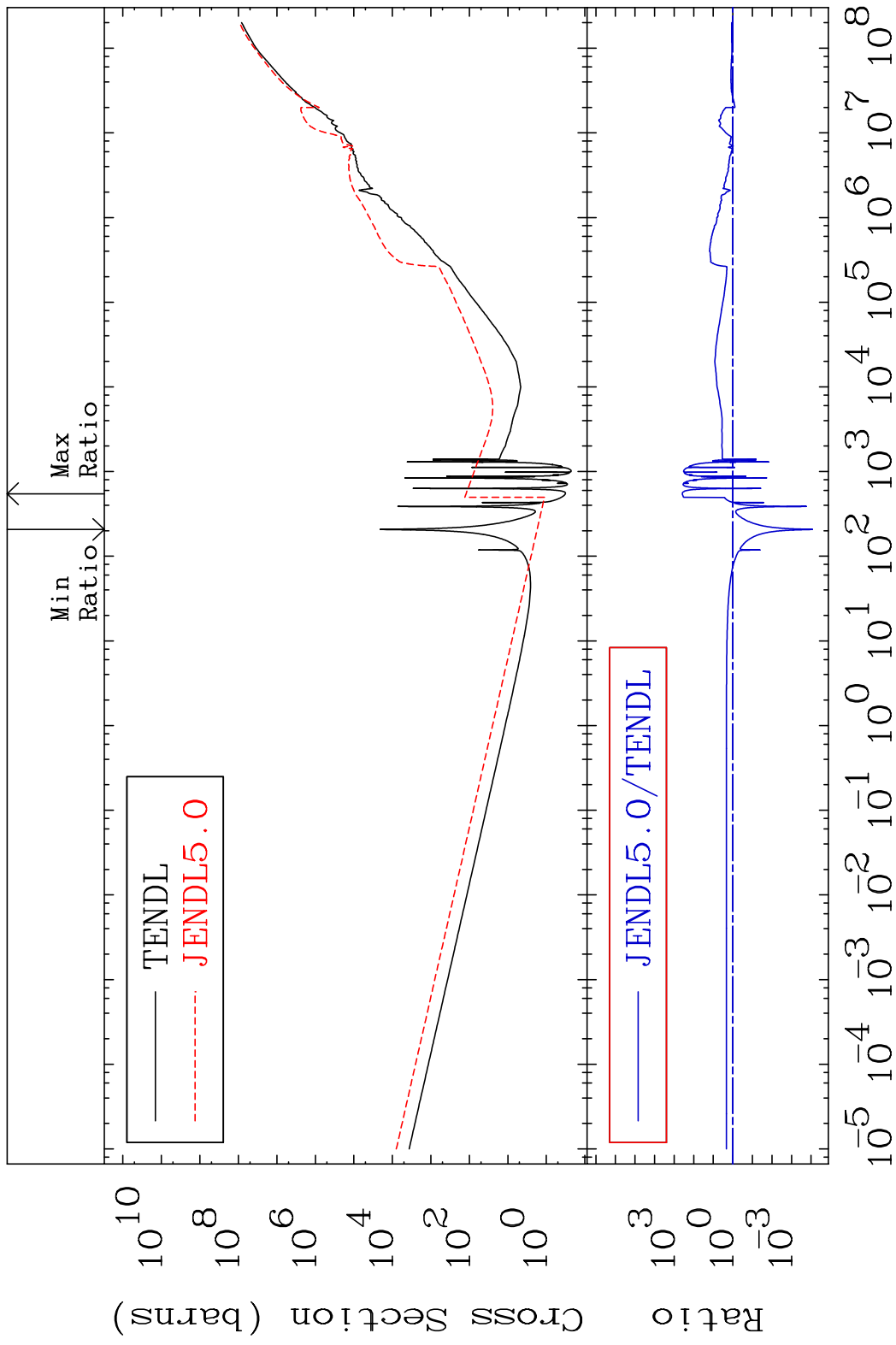
MAT 8228

Kerma elastic Cross Section -99.71 To 939.8 %

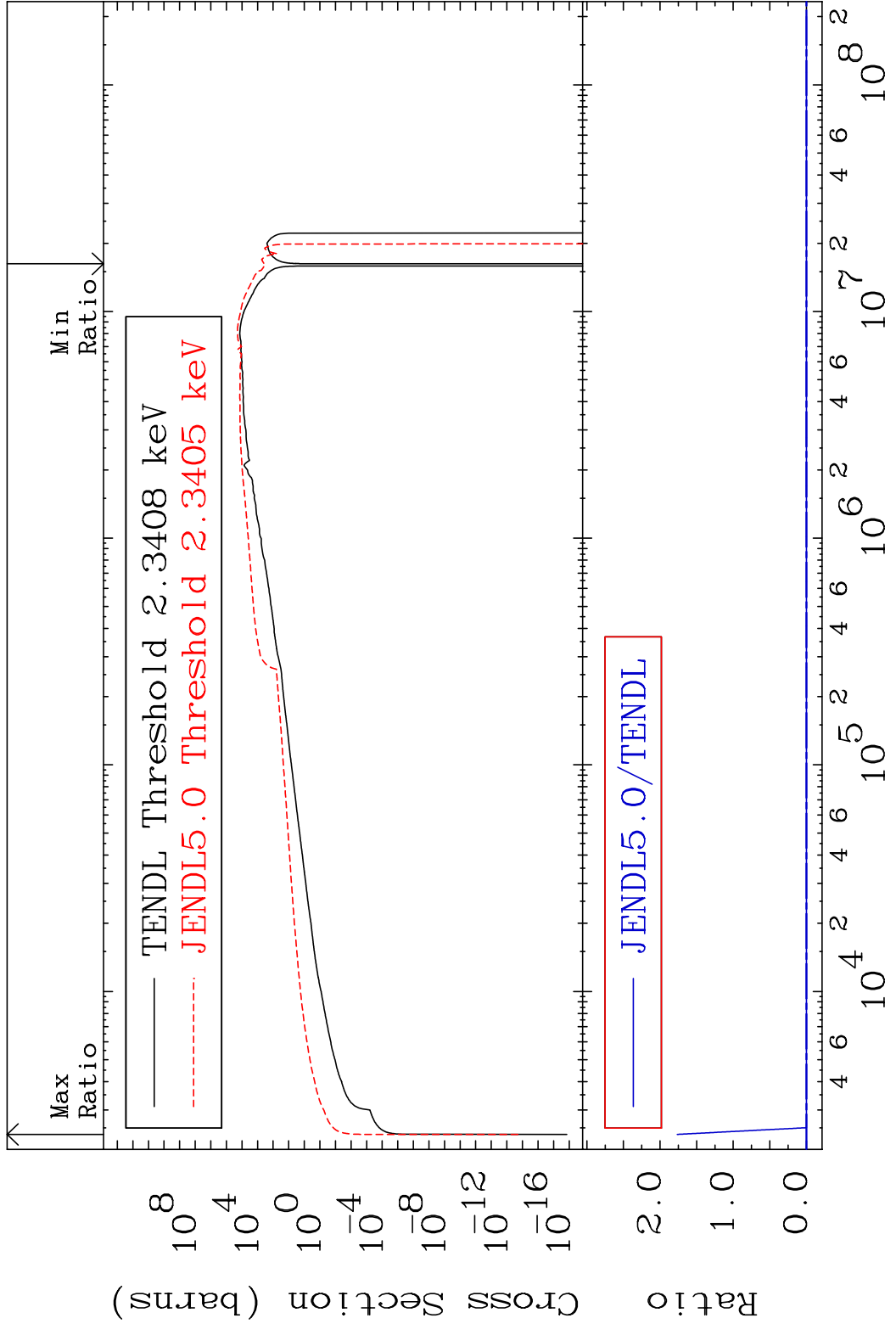
82-Pb-205



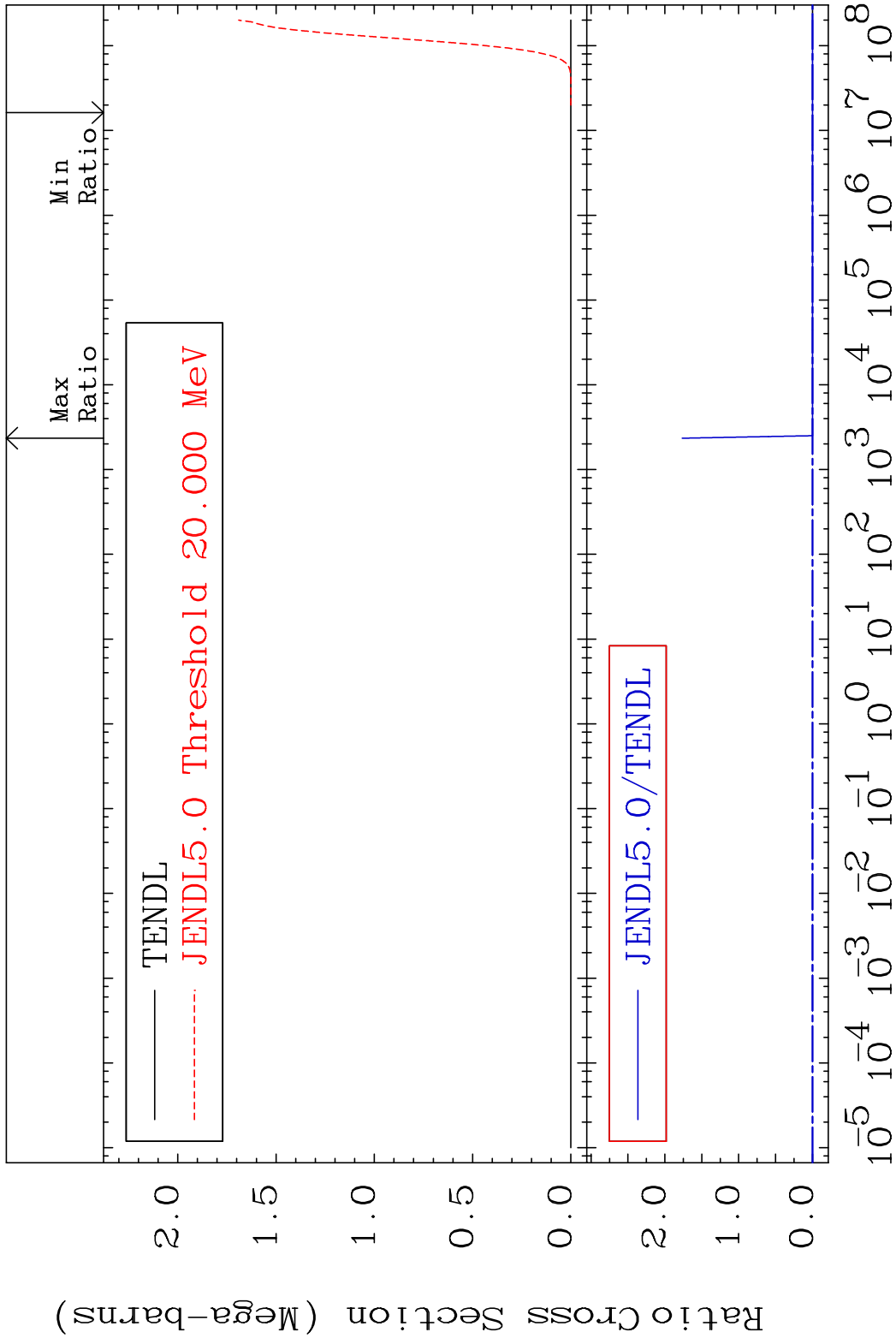
MAT 8228 Kerma non-elastic (all but mt2) 82-Pb-205
 Cross Section -99.99 To 9999. %



MAT 8228 Kerma inelastic (mt51-91) 82-Pb-205
 Cross Section -9999. To 9999. %



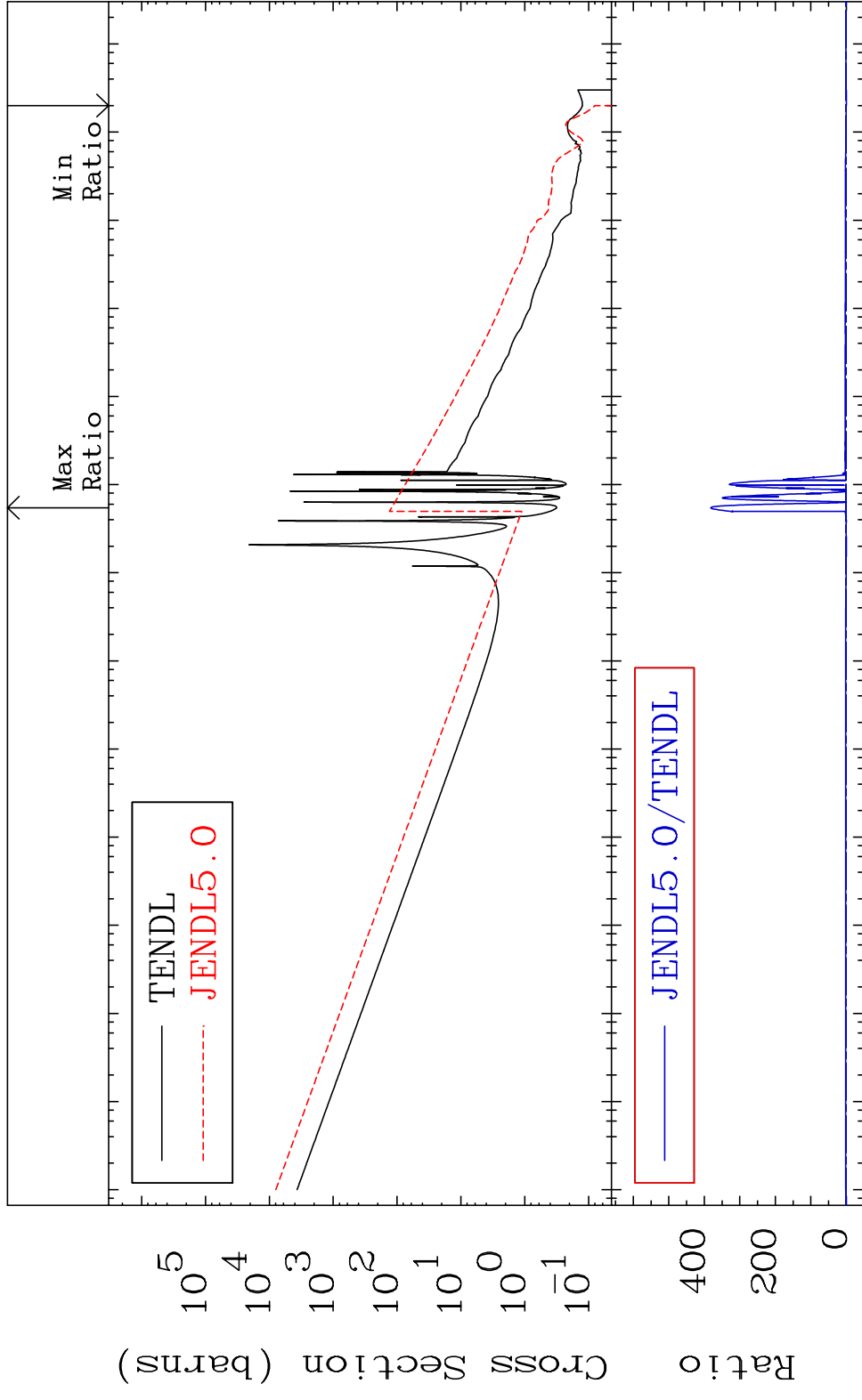
MAT 8228 Kerma fission (mt18 or mt19-20-21-38) 82-Pb-205
 Cross Section -9999. To 9999. %



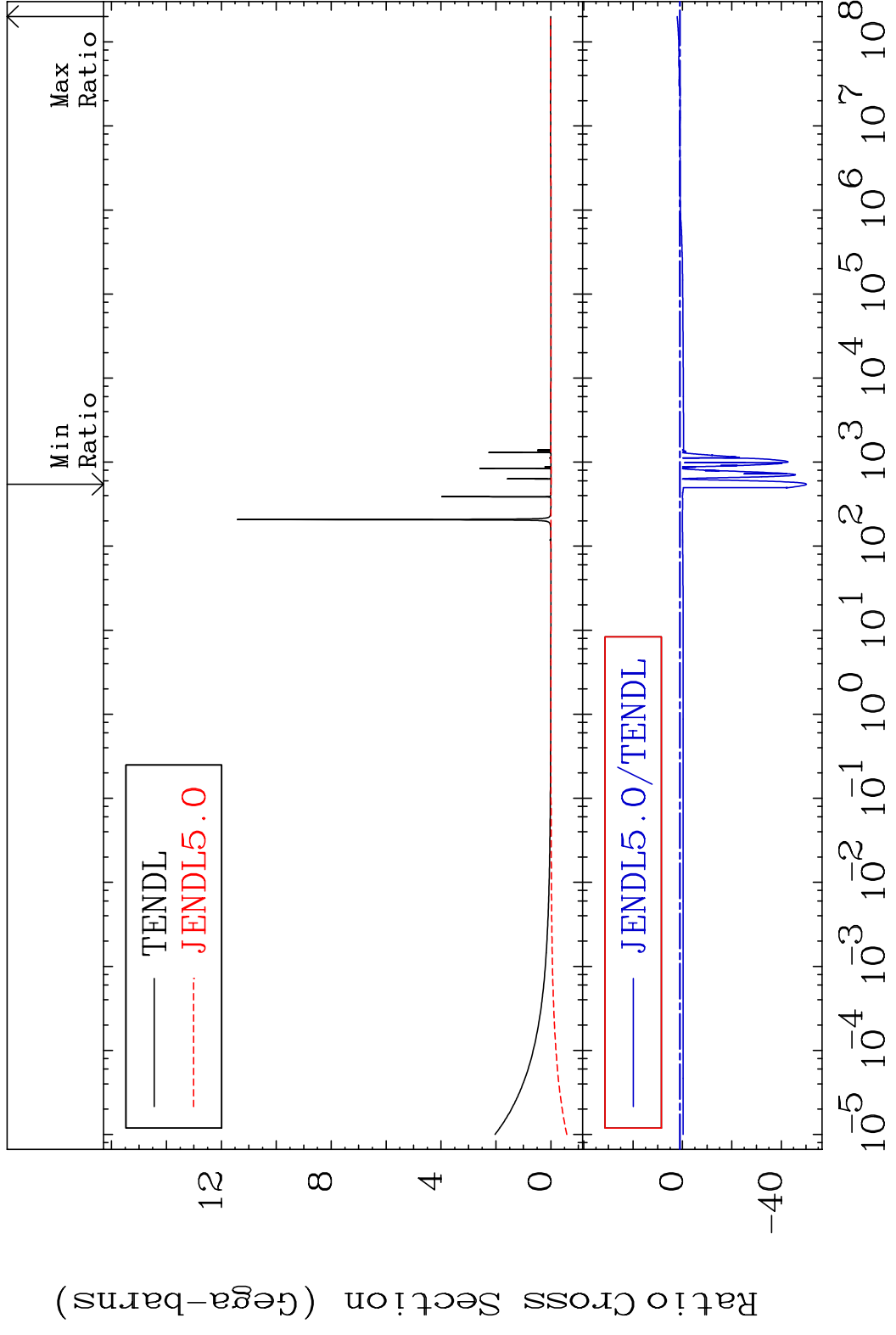
MAT 8228

Kerma capture (mt102) 82-Pb-205

Cross Section -100.0 To 9999. %

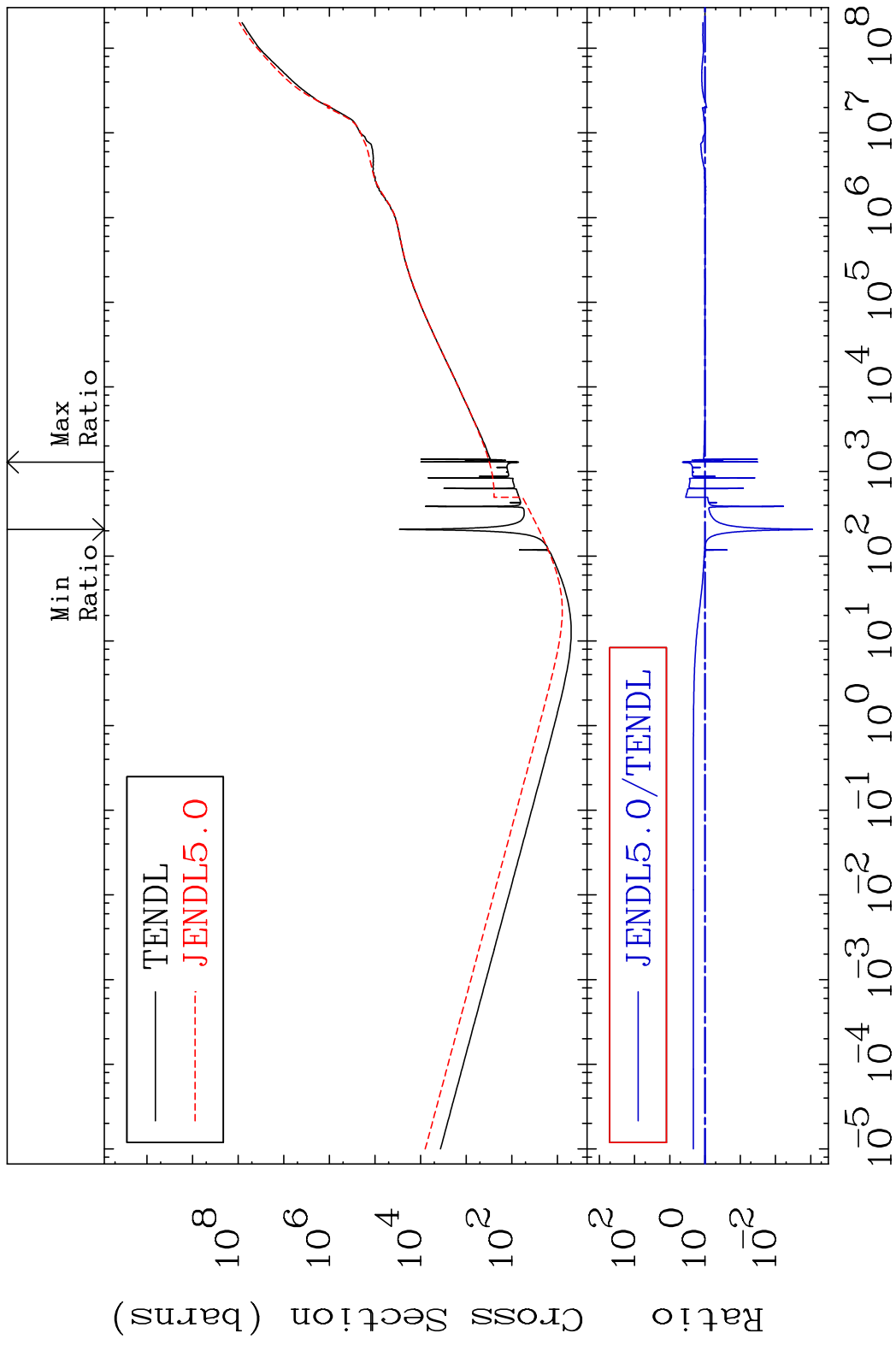


MAT 8228 Total photon (eV-barns) 82-Pb-205
 Cross Section -5119. To 113.7 %

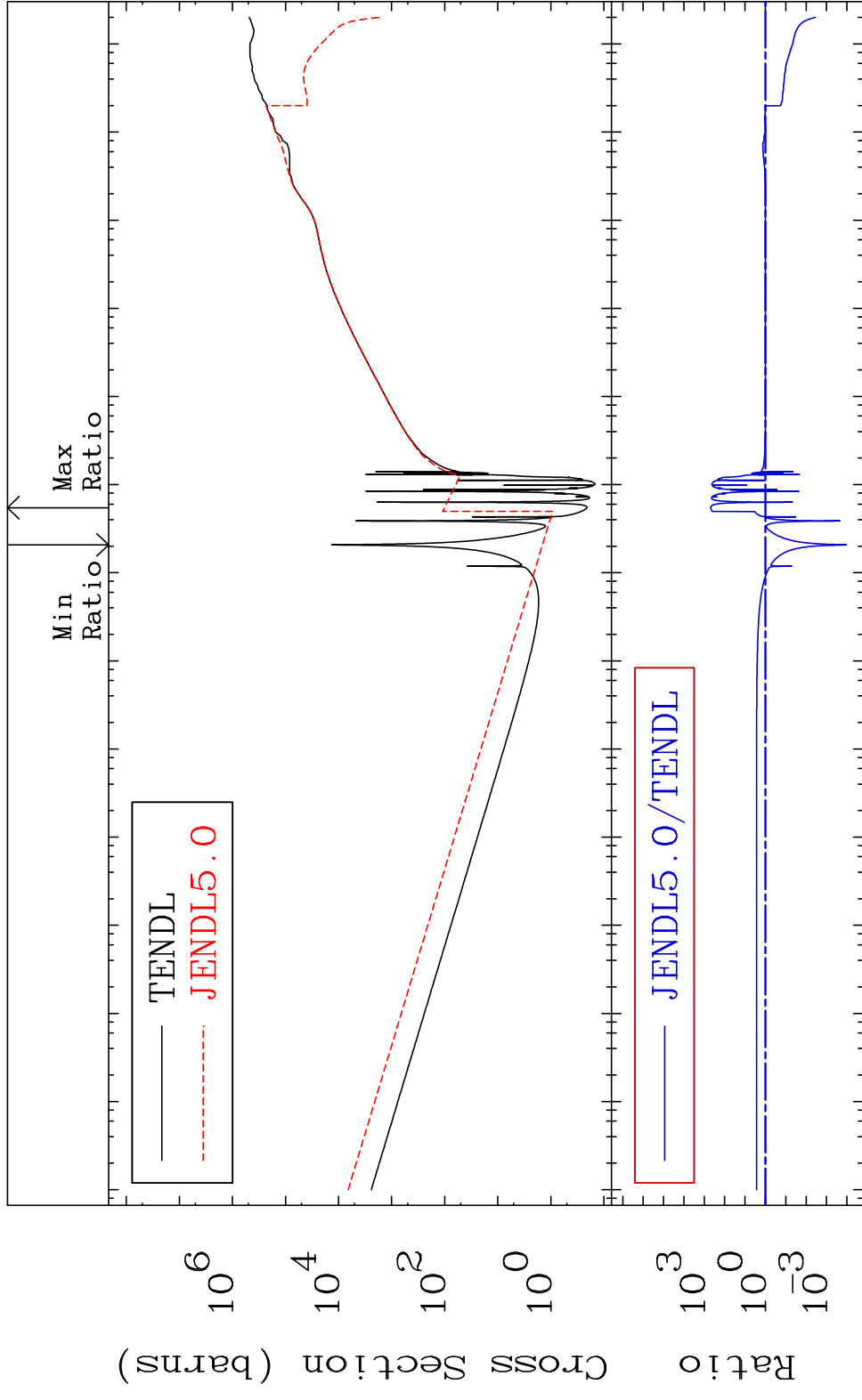


58 Incident Energy (eV) 82-Pb-205

MAT 8228 Total kinematic kerma (high limit) 82-Pb-205
 Cross Section -99.91 To 340.7 %



MAT 8228 Dpa total (eV-barns) 82-Pb-205
Cross Section -99.99 To 9999. %



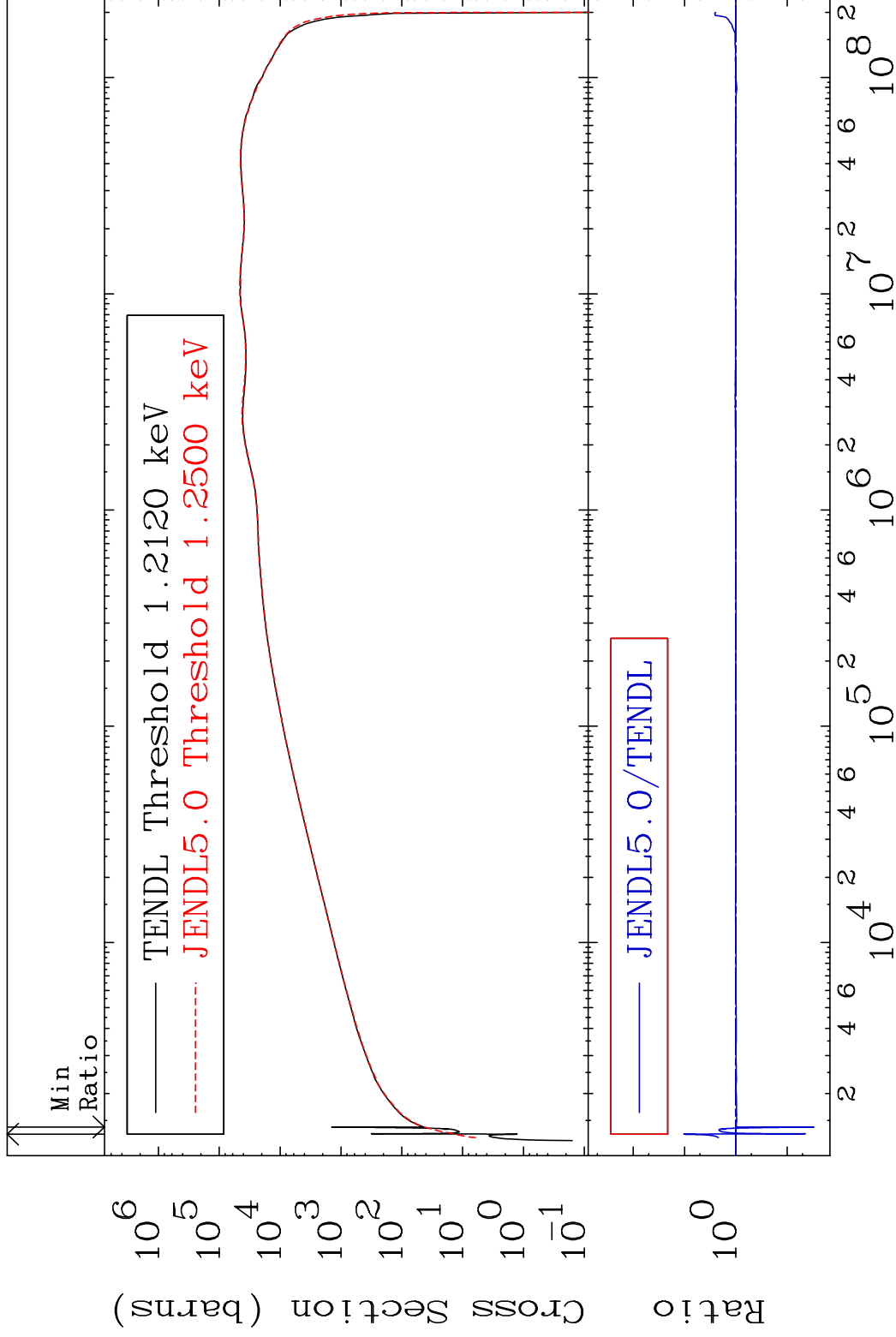
60 Incident Energy (eV) 82-Pb-205

MAT 8228

Dpa elastic (mt2)

82-Pb-205

Cross Section -97.03 To 938.7 %

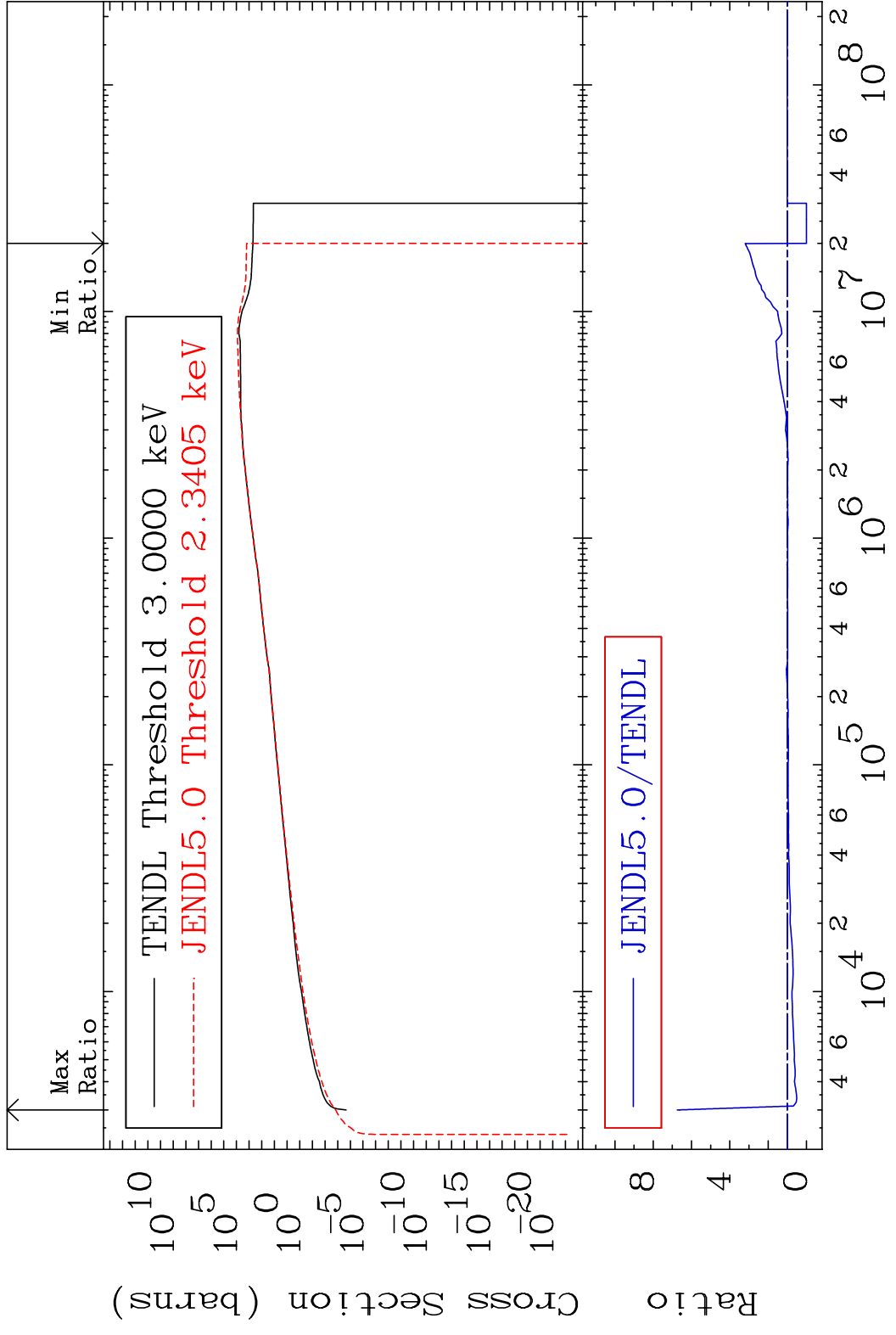


61

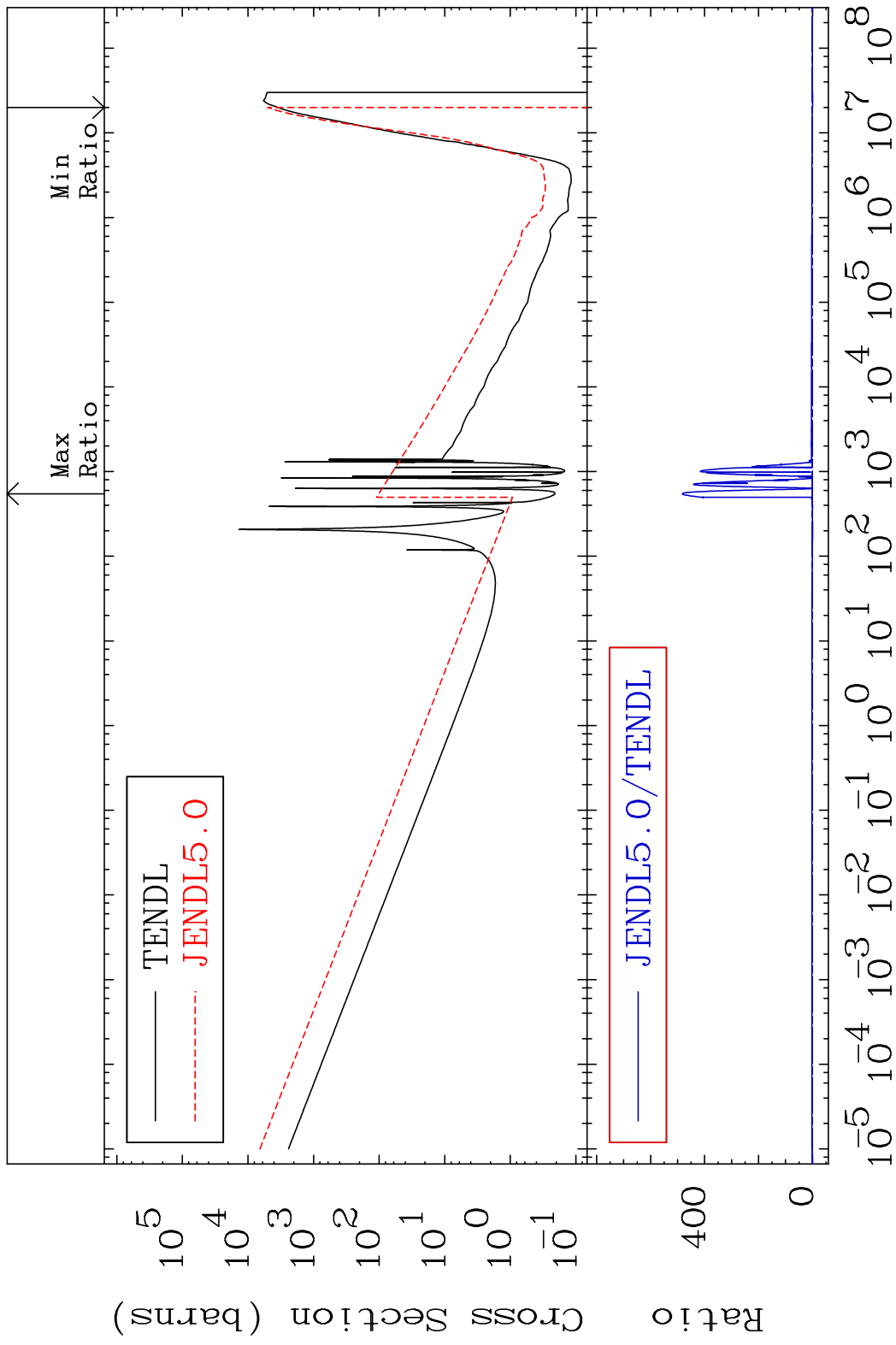
Incident Energy (eV)

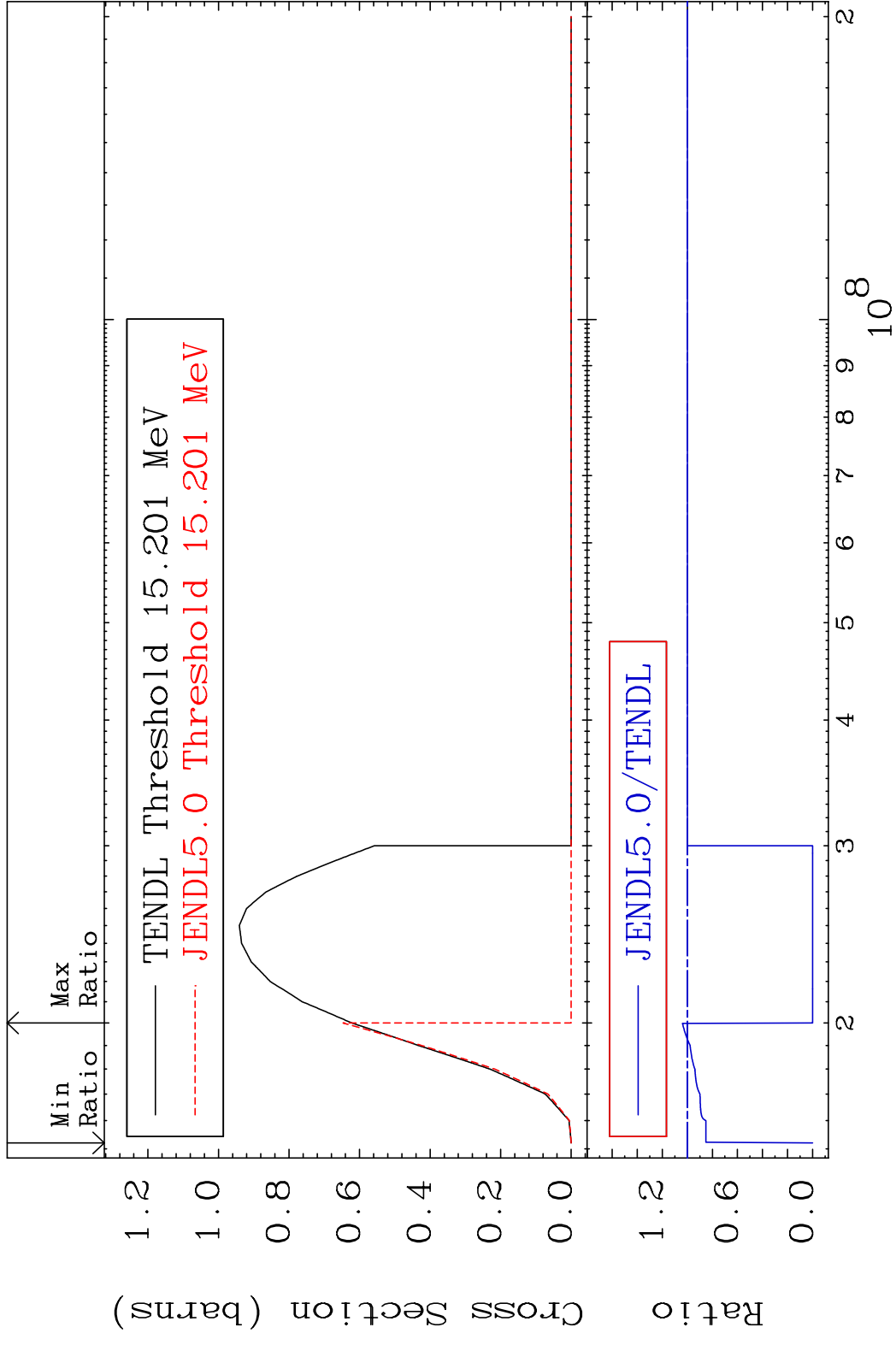
82-Pb-205

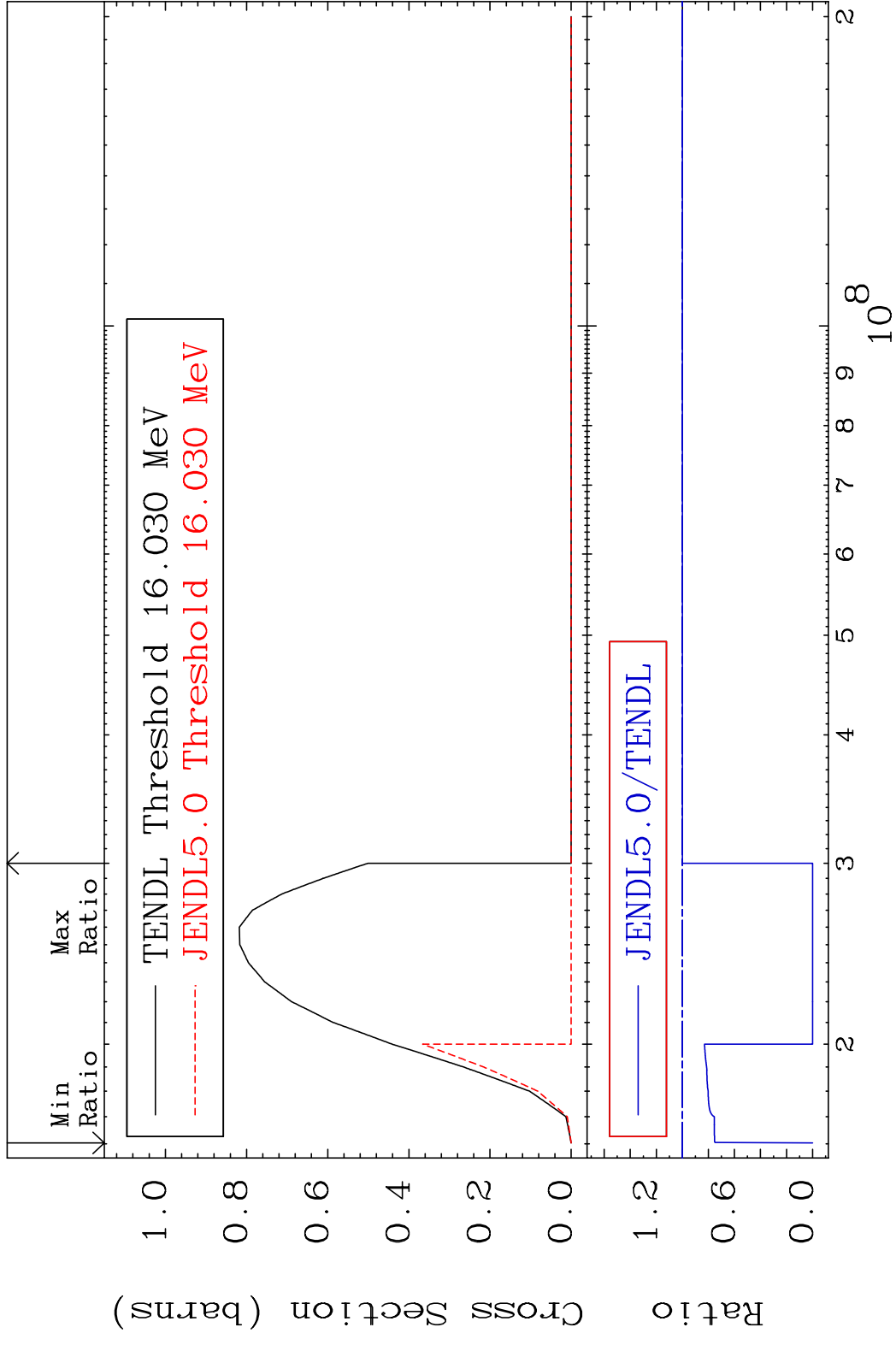
MAT 8228 Dpa inelastic (mt51-91) 82-Pb-205
 Cross Section -100.0 To 574.7 %



MAT 8228 Dpa disappearance (mt102 -120) 82-Pb-205
 Cross Section -100.0 To 9999. %



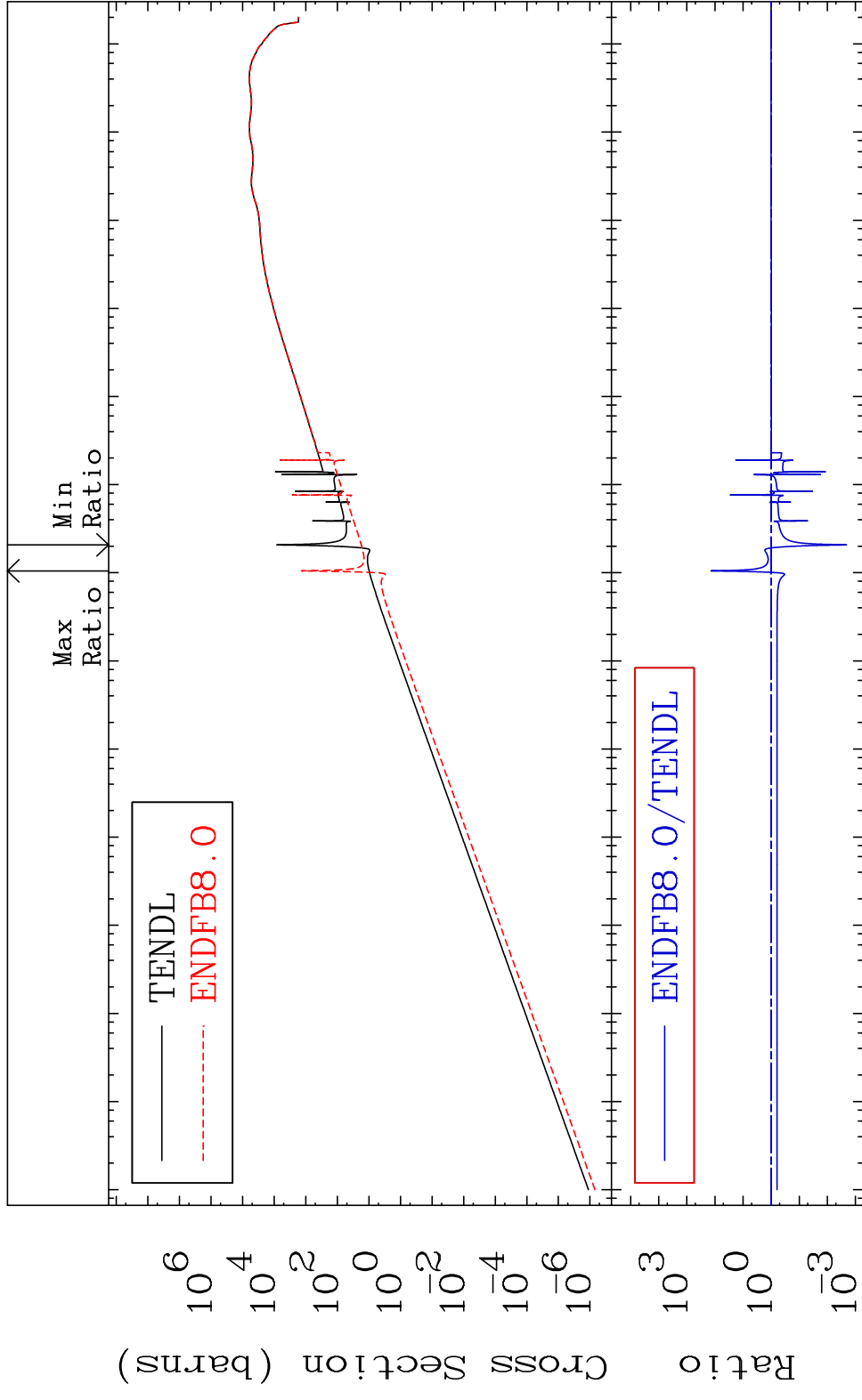




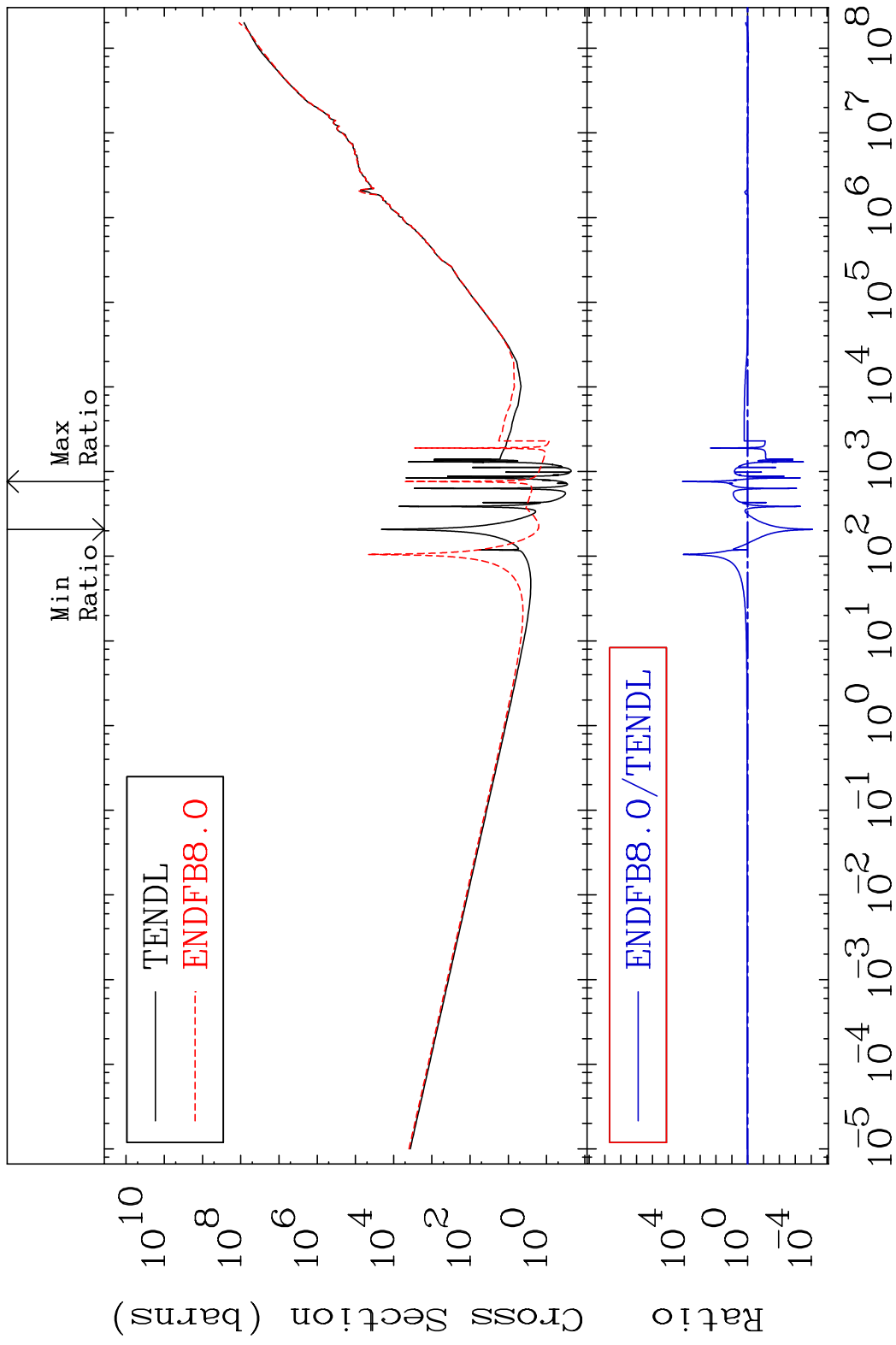
MAT 8228

Kerma elastic
Cross Section

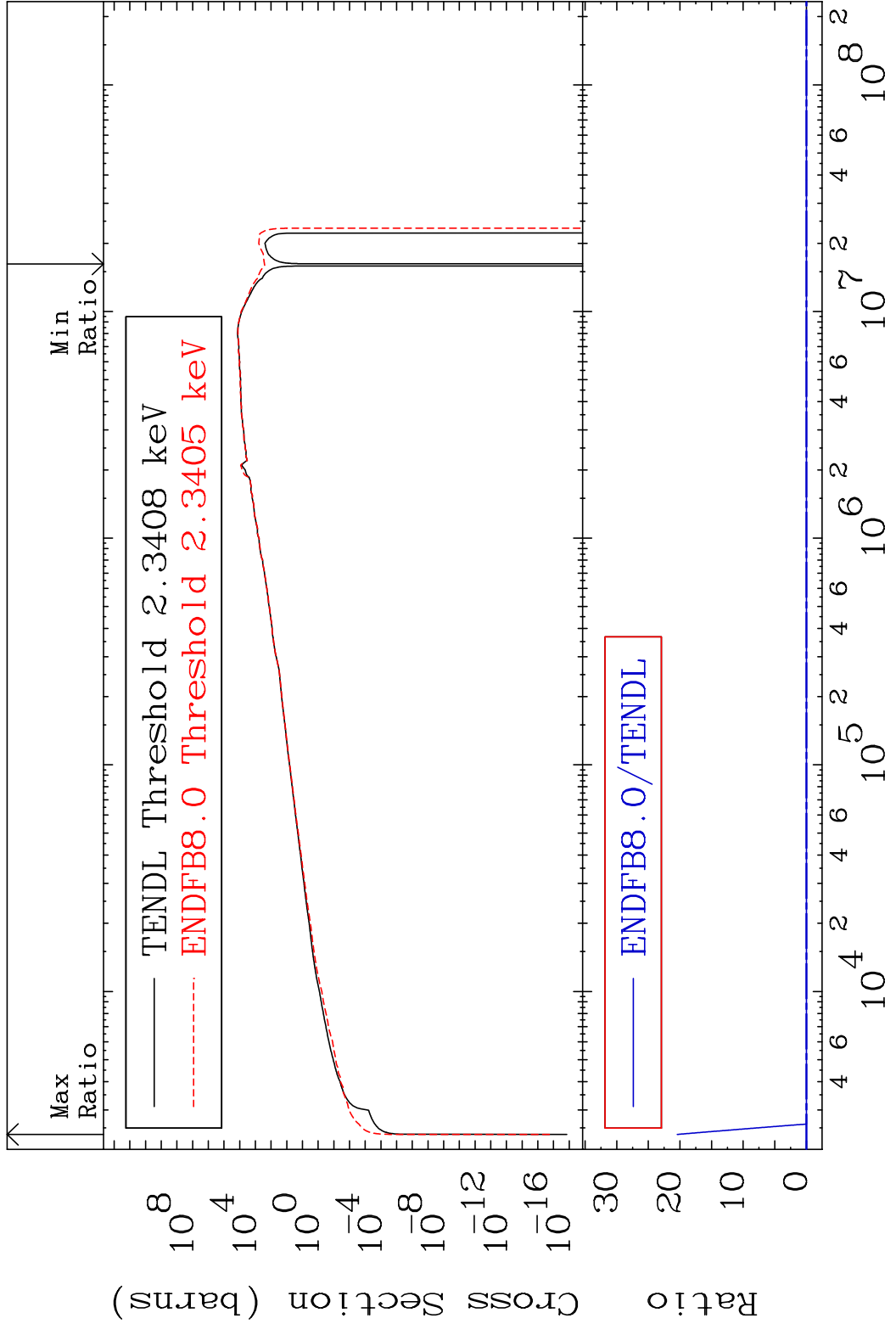
82-Pb-205
-99.79 To 9999. %



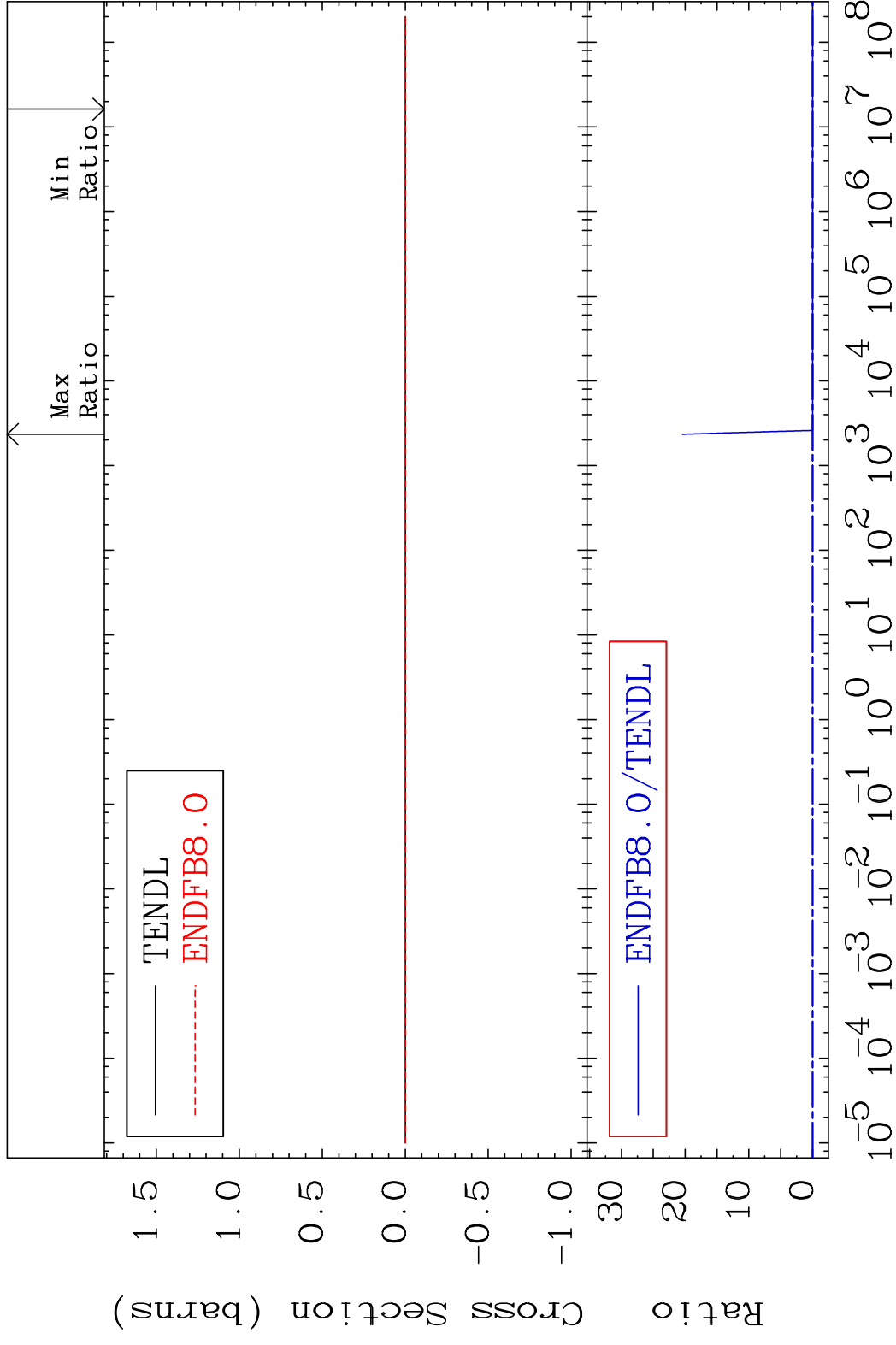
MAT 8228 Kerma non-elastic (all but mt2) 82-Pb-205
 Cross Section -99.99 To 9999. %



MAT 8228 Kerma inelastic (mt51-91) 82-Pb-205
 Cross Section -8743. To 9999. %

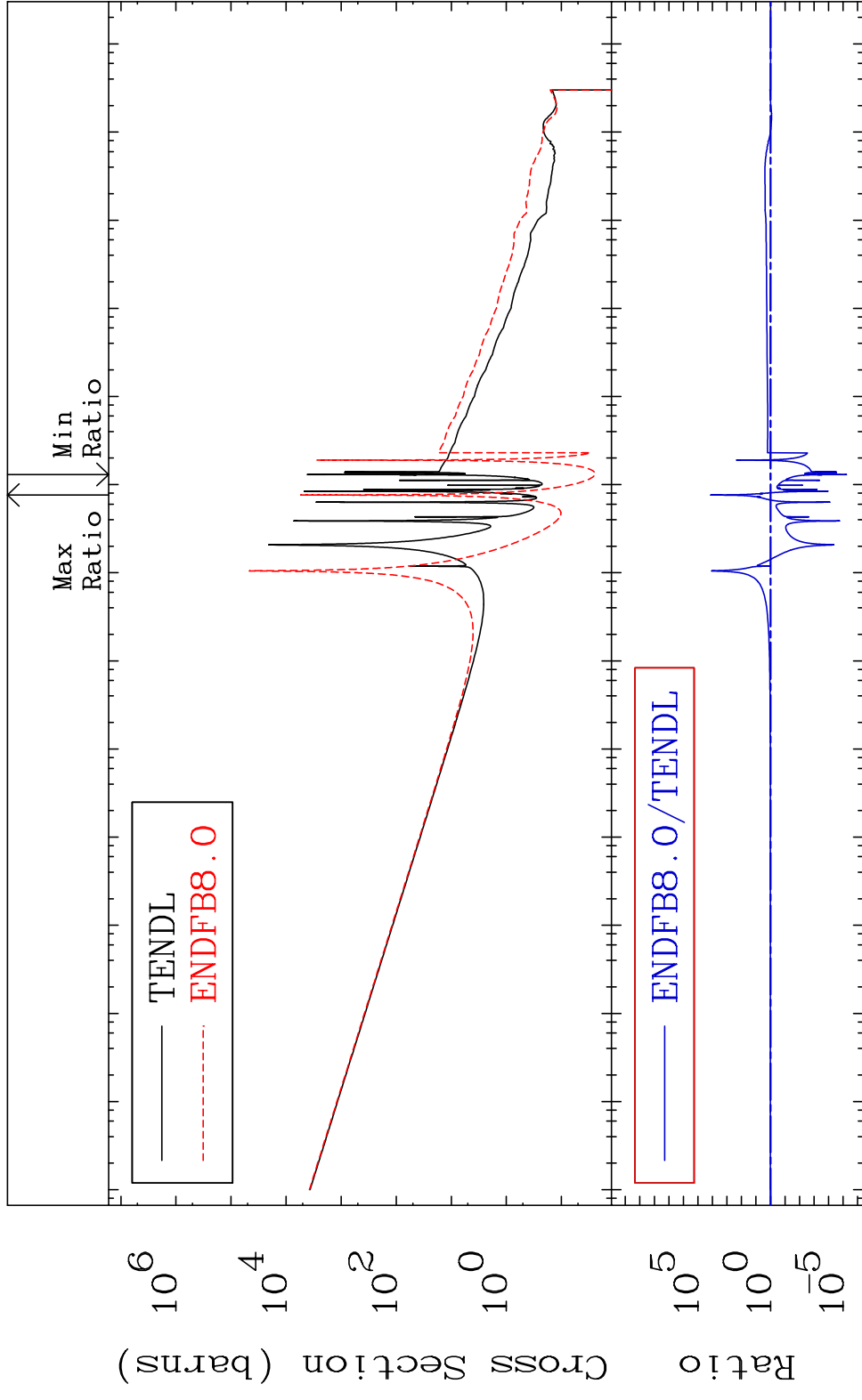


MAT 8228 Kerma fission (mt18 or mt19-20-21-38) 82-Pb-205
 Cross Section -8743. To 9999. %



MAT 8228

Kerma capture (mt102) 82-Pb-205
Cross Section -100.0 To 9999. %

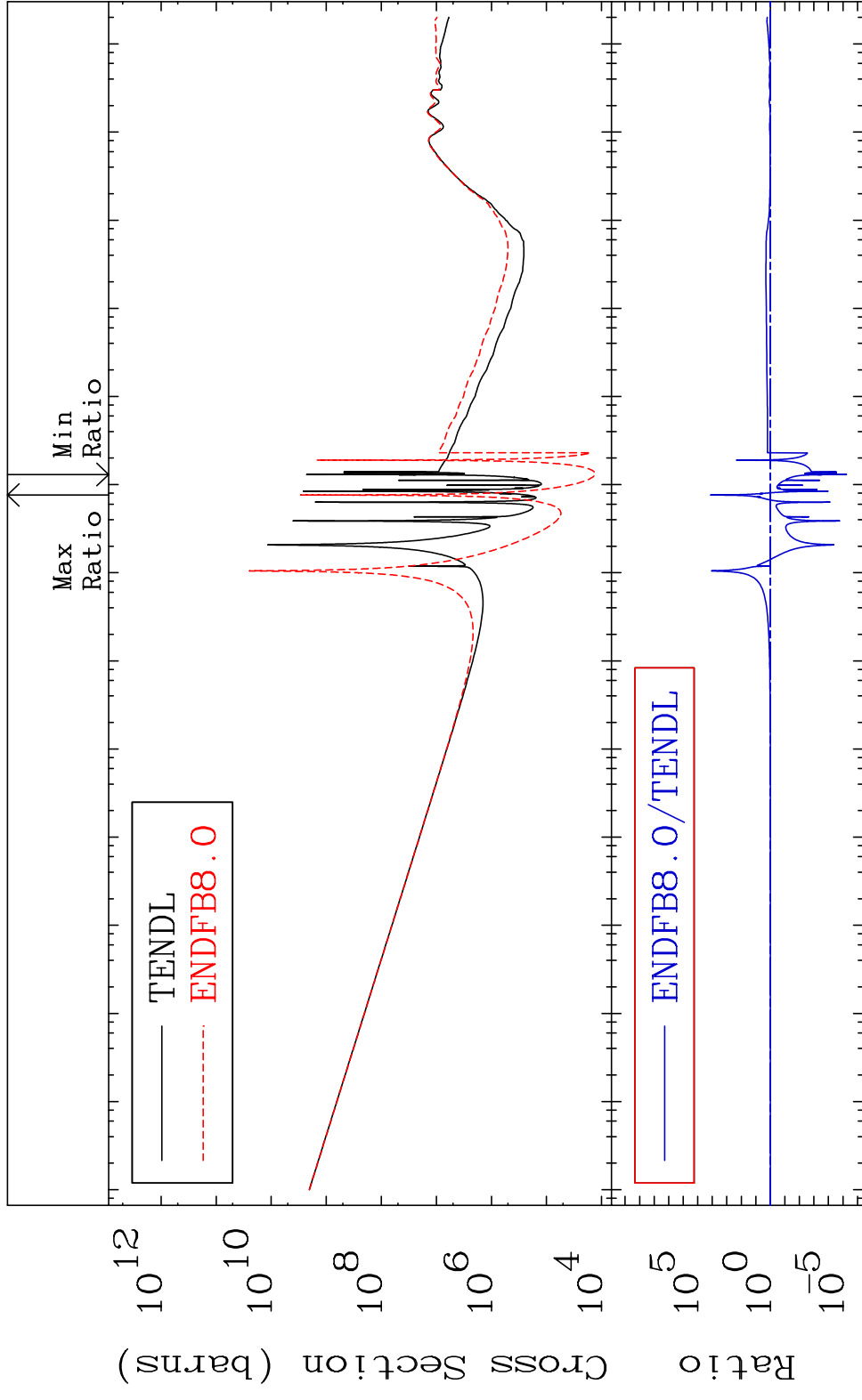


70

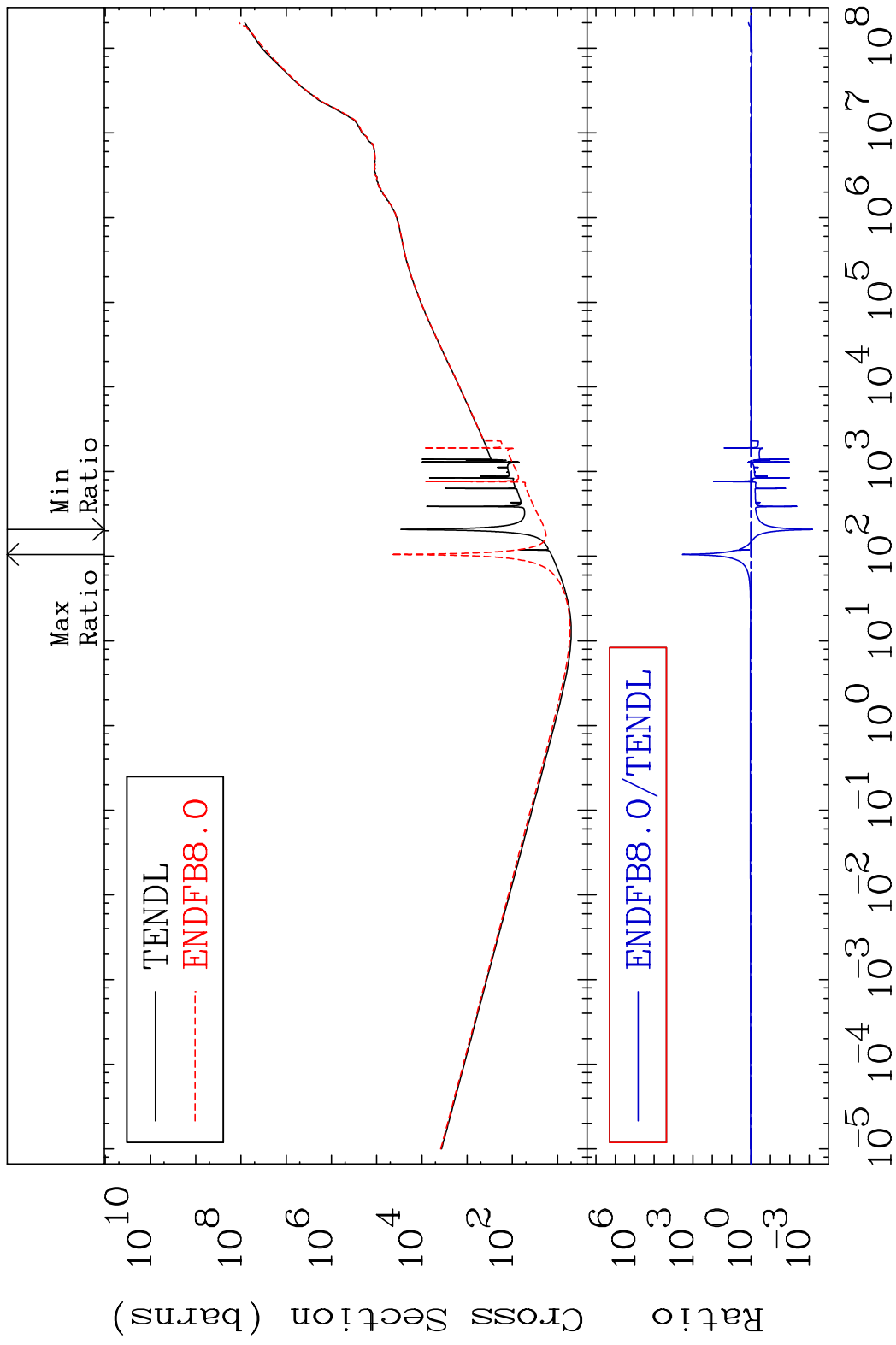
Incident Energy (eV)

82-Pb-205

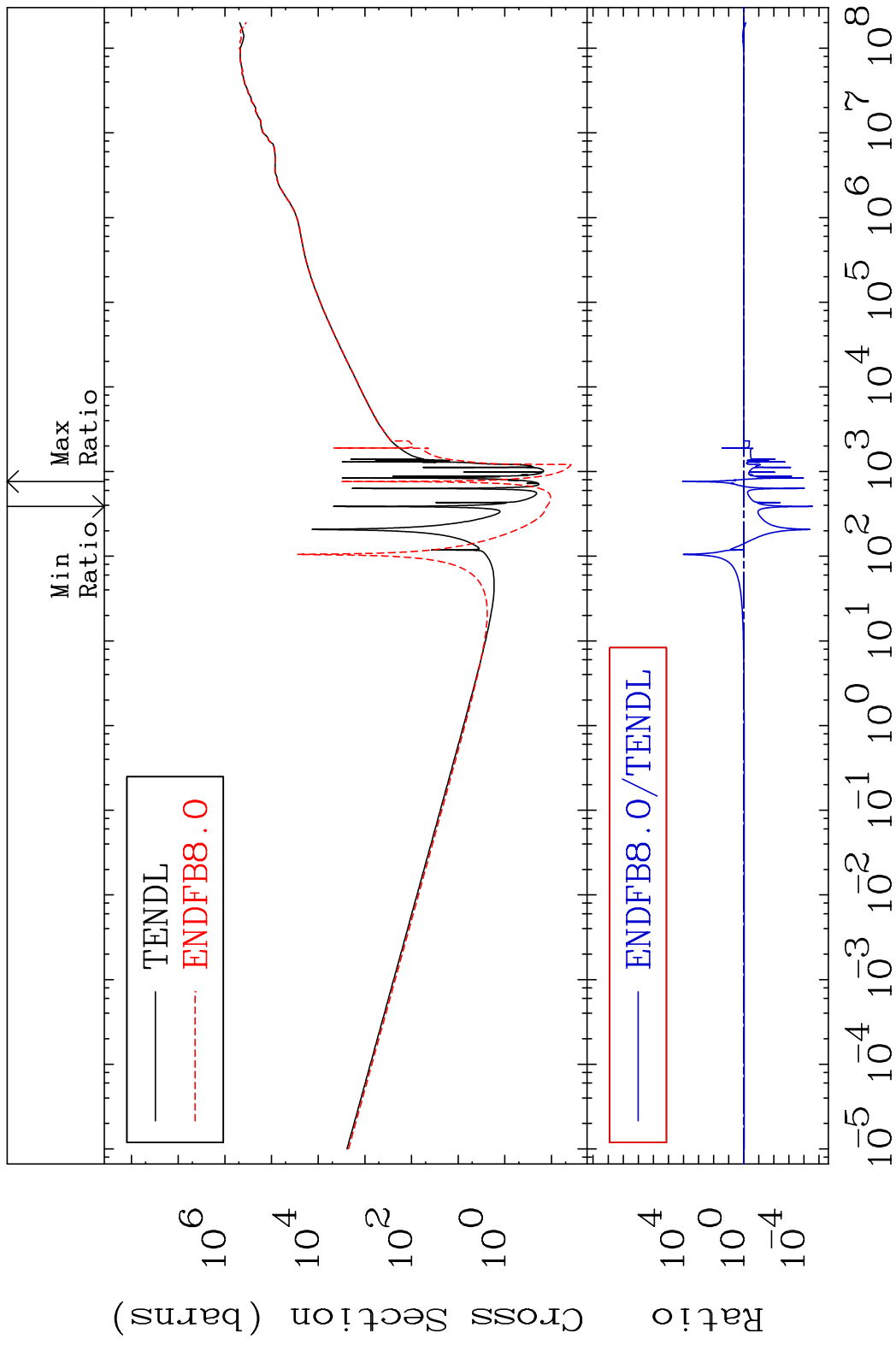
MAT 8228 Total photon (eV-barns) 82-Pb-205
 Cross Section -100.0 To 9999. %



MAT 8228 Total kinematic kerma (high limit) 82-Pb-205
 Cross Section -99.93 To 9999. %



MAT 8228 Dpa total (eV-barns) 82-Pb-205
 Cross Section -100.0 To 9999. %



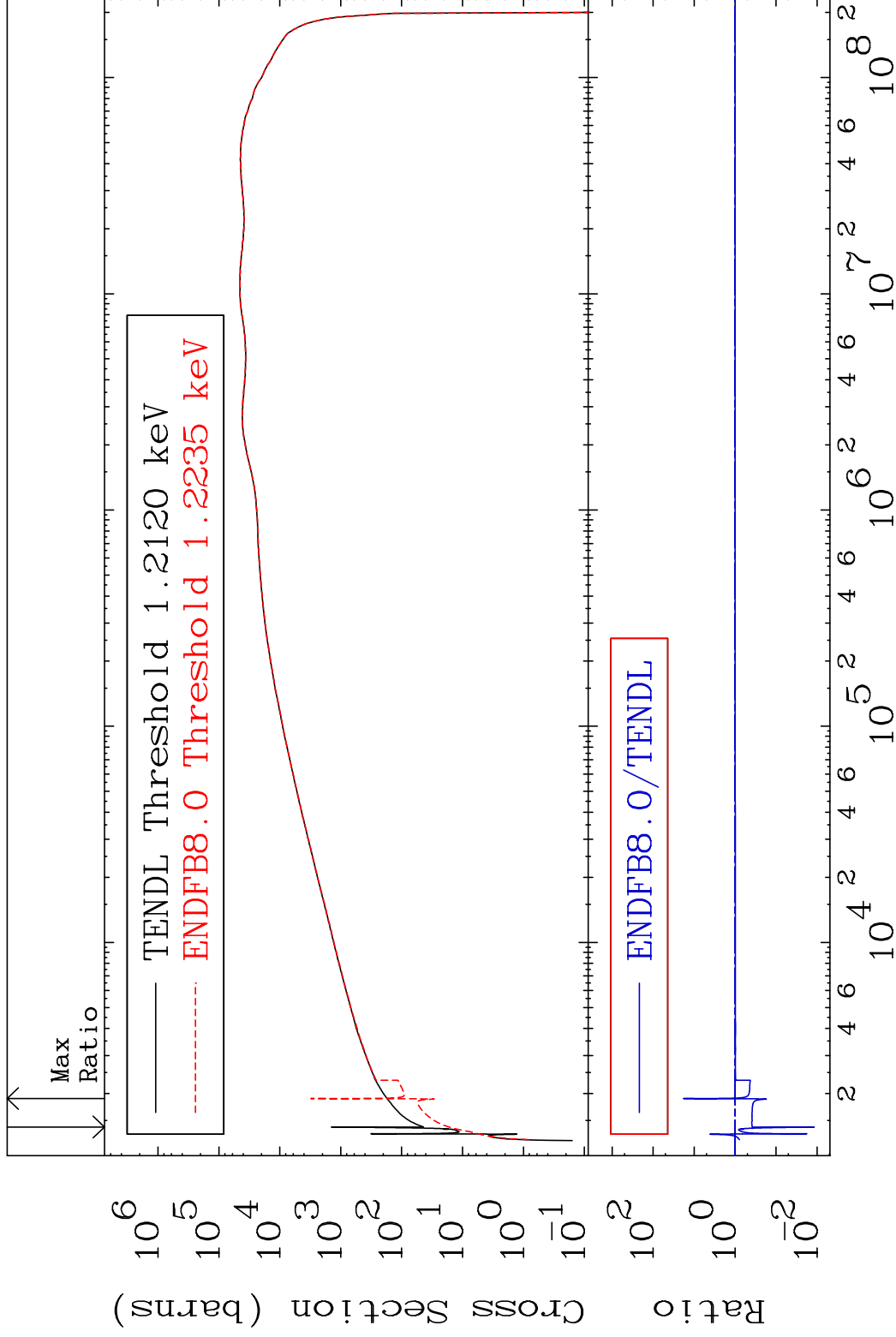
73 Incident Energy (eV) 82-Pb-205

MAT 8228

Dpa elastic (mt2)

82-Pb-205

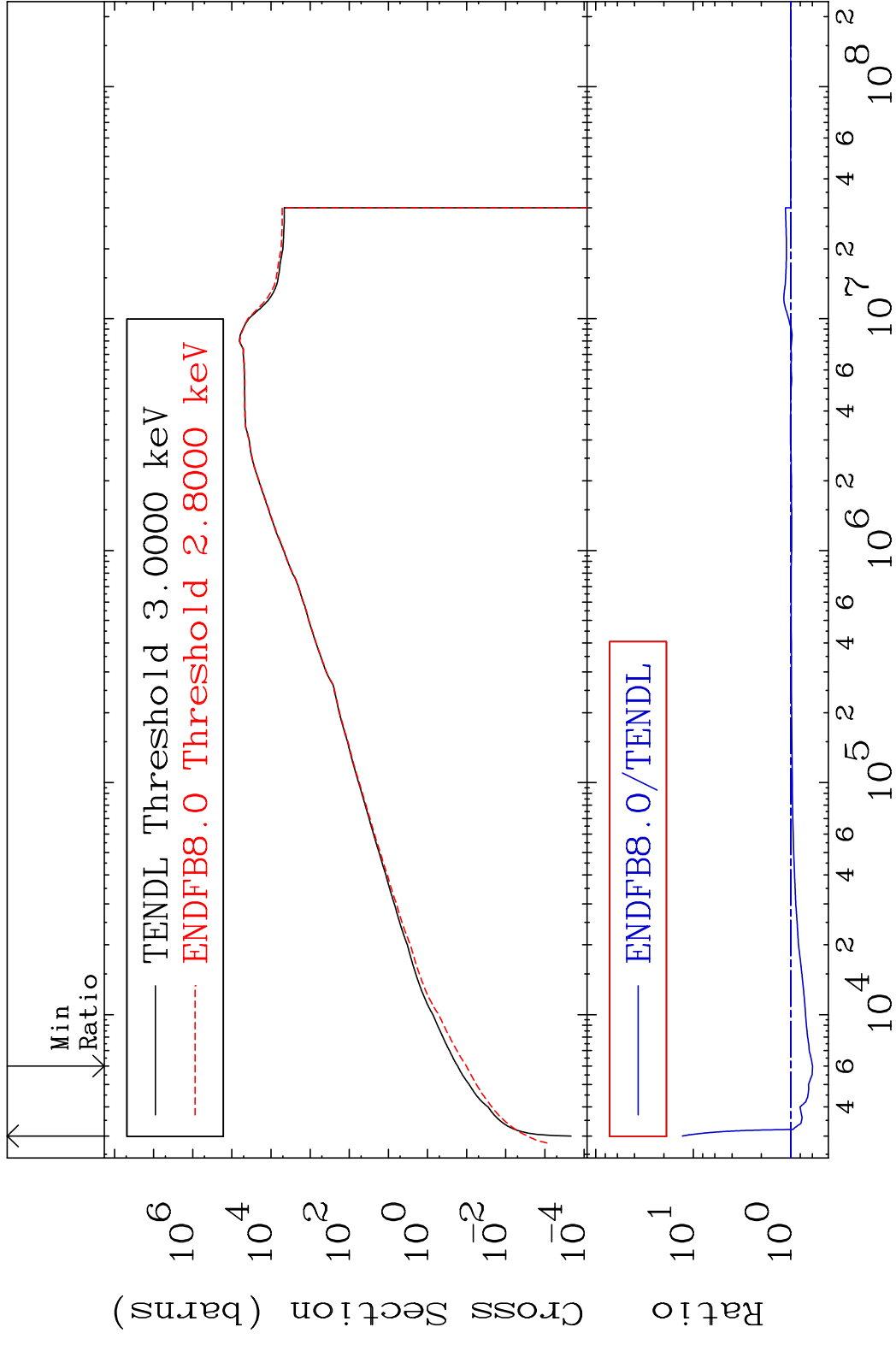
Cross Section -98.82 To 1700. %



MAT 8228

Dpa inelastic (mt51-91) 82-Pb-205

Cross Section -40.25 To 1193. %

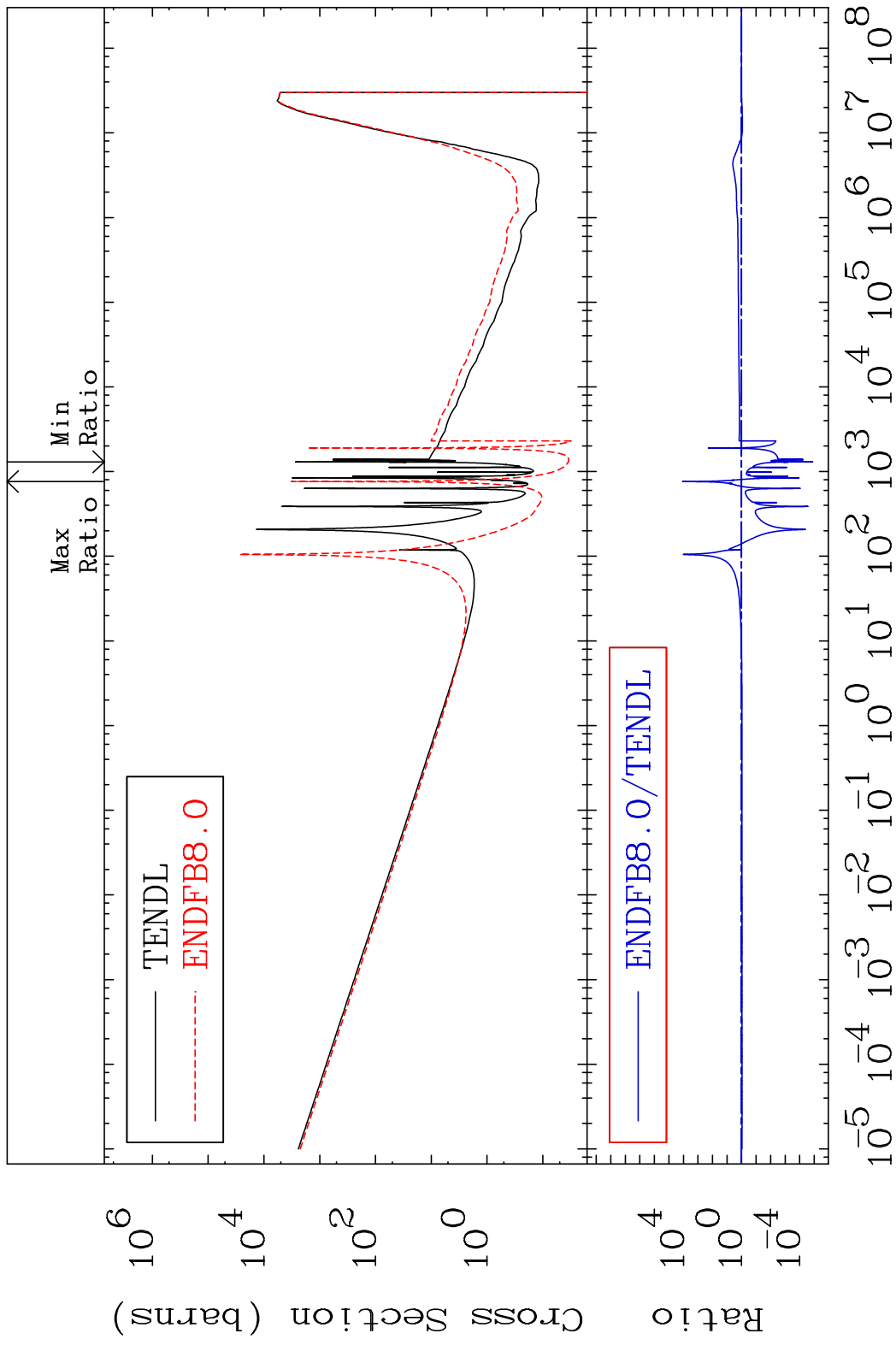


75

Incident Energy (eV)

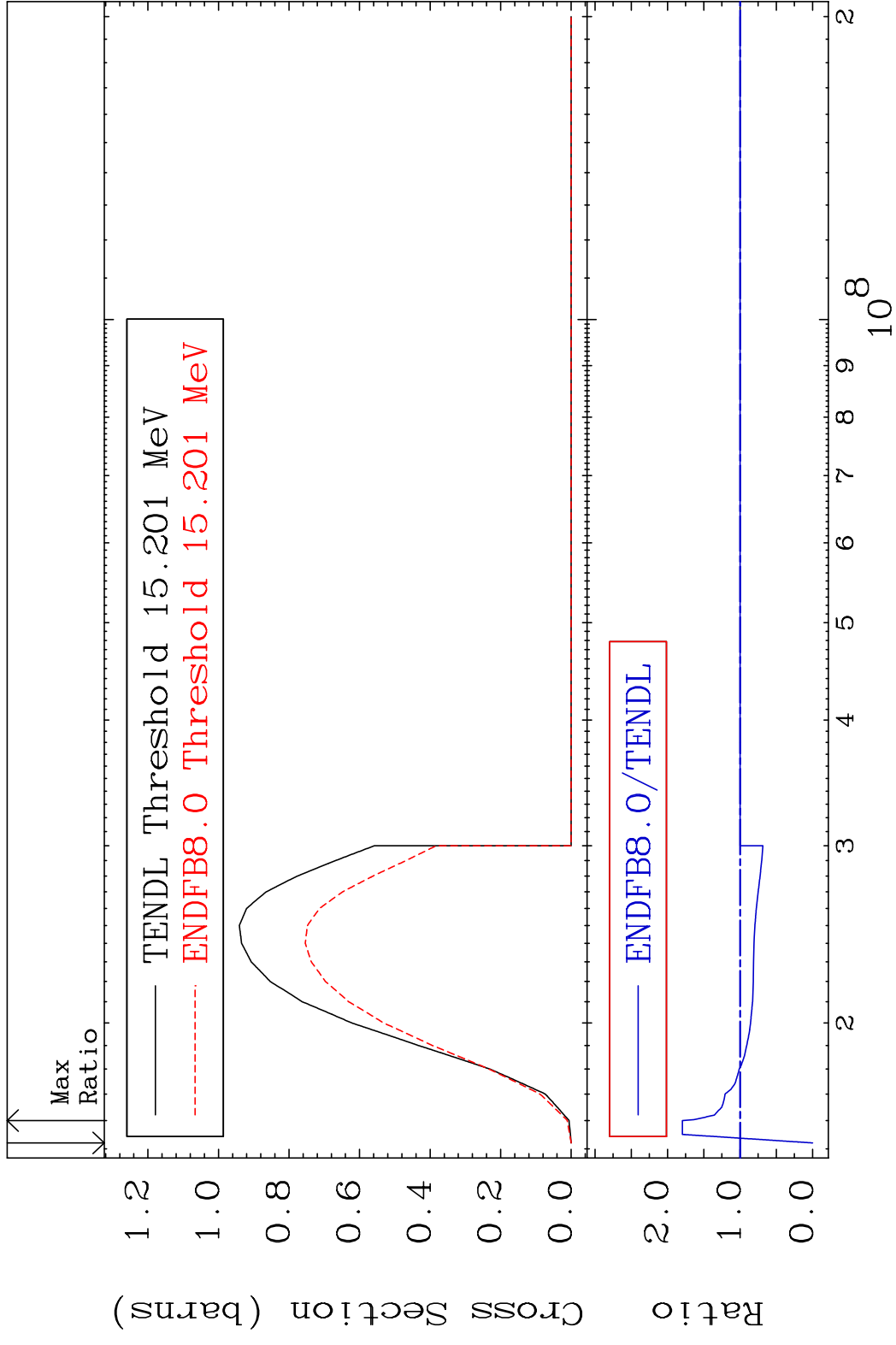
82-Pb-205

MAT 8228 Dpa disappearance (mt102 -120) 82-Pb-205
 Cross Section -100.0 To 9999. %

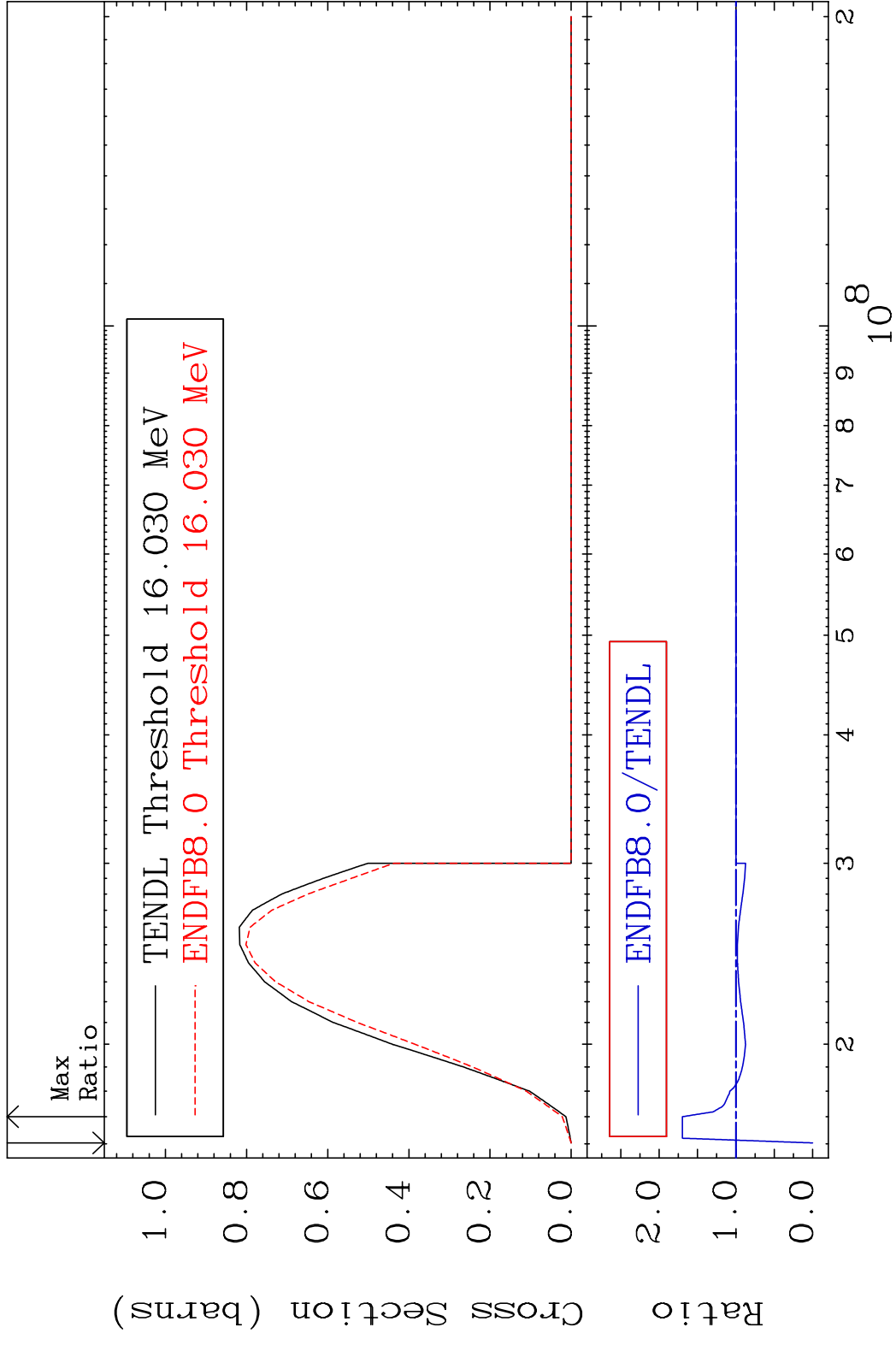


76 Incident Energy (eV) 82-Pb-205

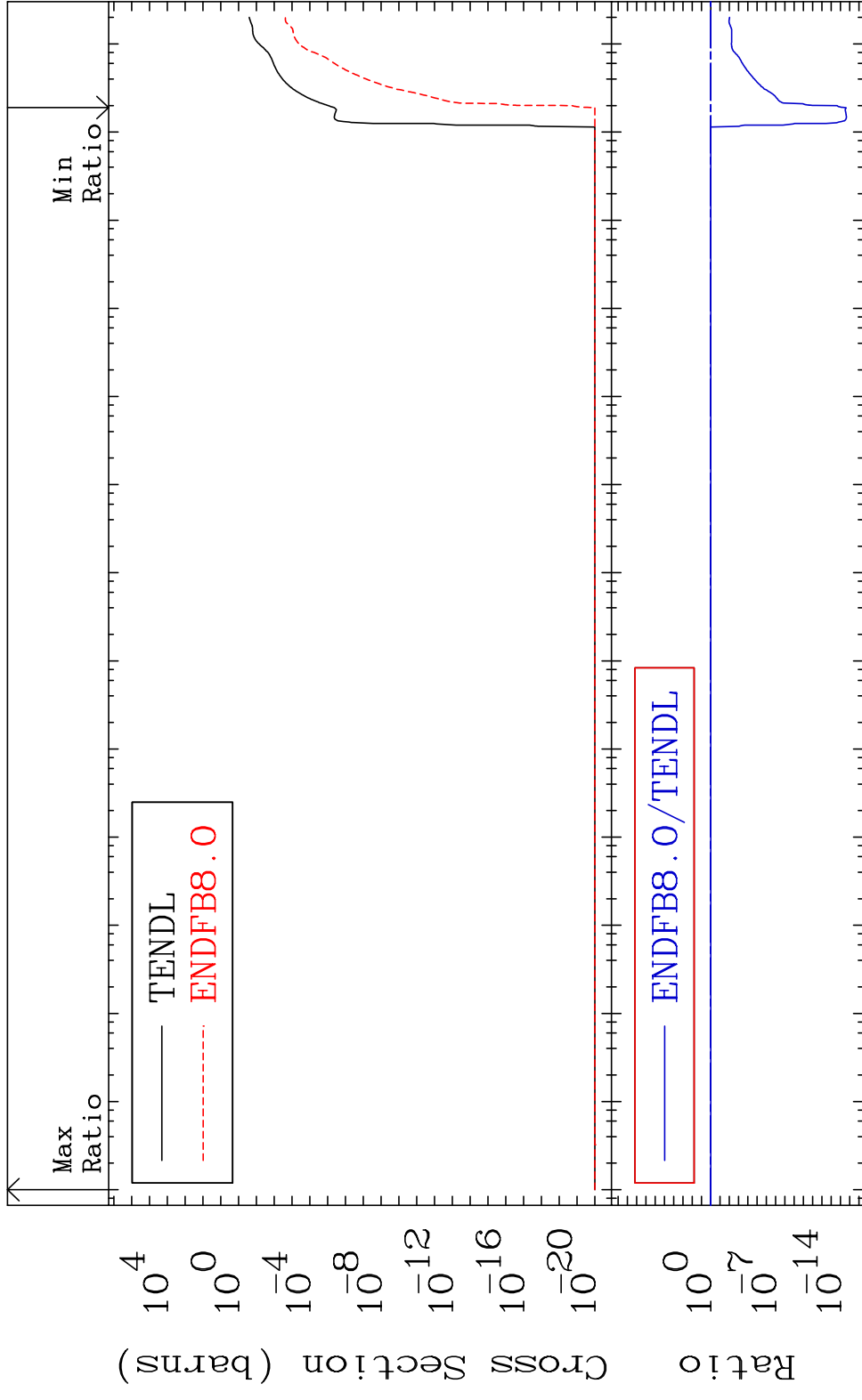
MAT 8228 (n,3n):82-Pb-203g 82-Pb-205
 Radionuclide Production Cross Section 180.01 dth 79.49 %



MAT 8228 (n, 3n): 82-Pb-203m6 82-Pb-205
 Radionuclide Production Cross Section Ratio 69.79 %



MAT 8228 Fission:0-??-Nat 82-Pb-205
 Radionuclide Production Cross Section 0.000 %



79 Incident Energy (eV) 82-Pb-205

