

Program Complot
(Version 2021-1)

by

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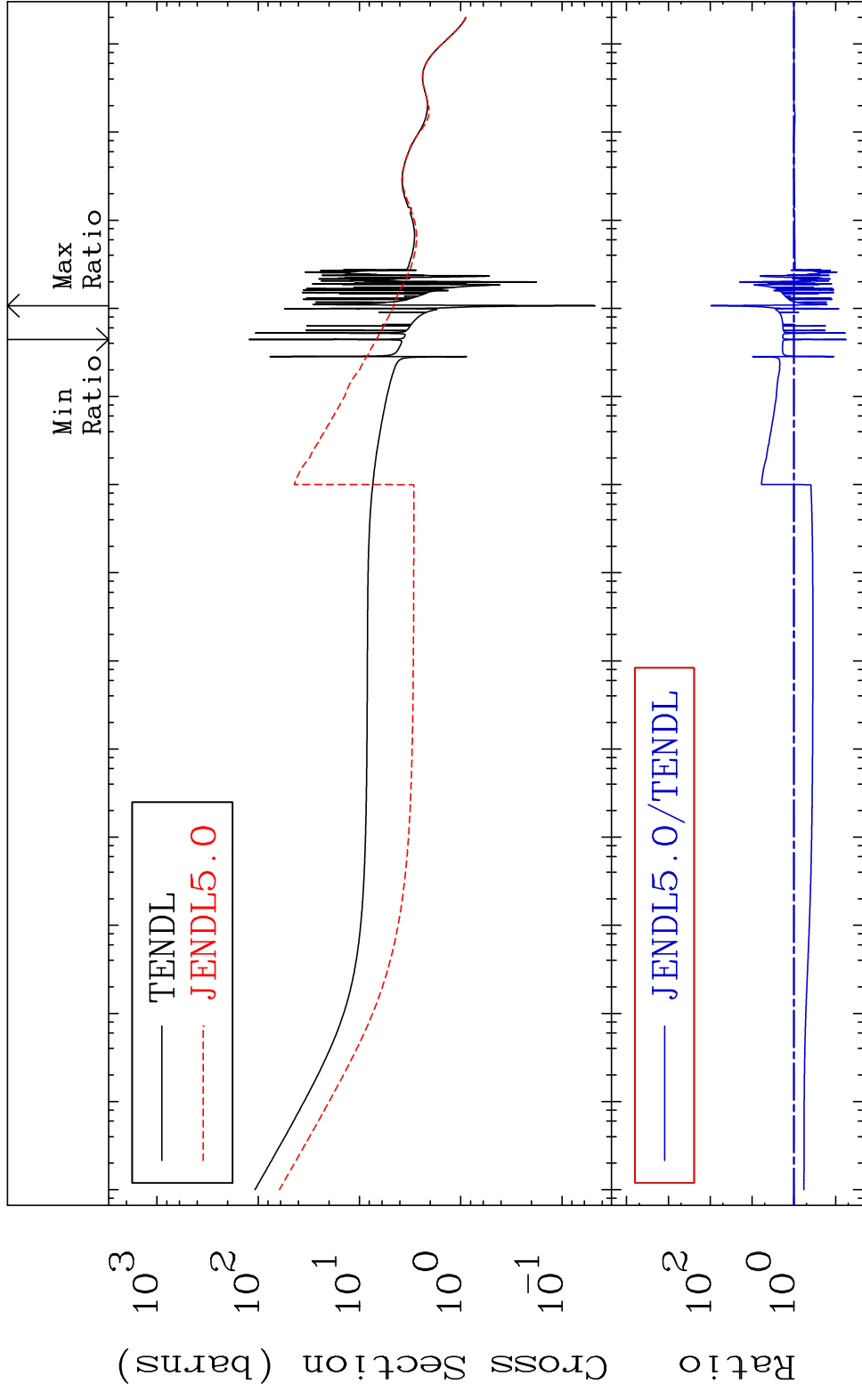
Press Mouse Button to Start

MAT 2043

Total

20-Ca-46

Cross Section -94.43 To 9624. %



10³
10²
10¹
10⁰
10⁻¹
10⁻²
10⁻³
10⁻⁴
10⁻⁵

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

Incident Energy (eV)

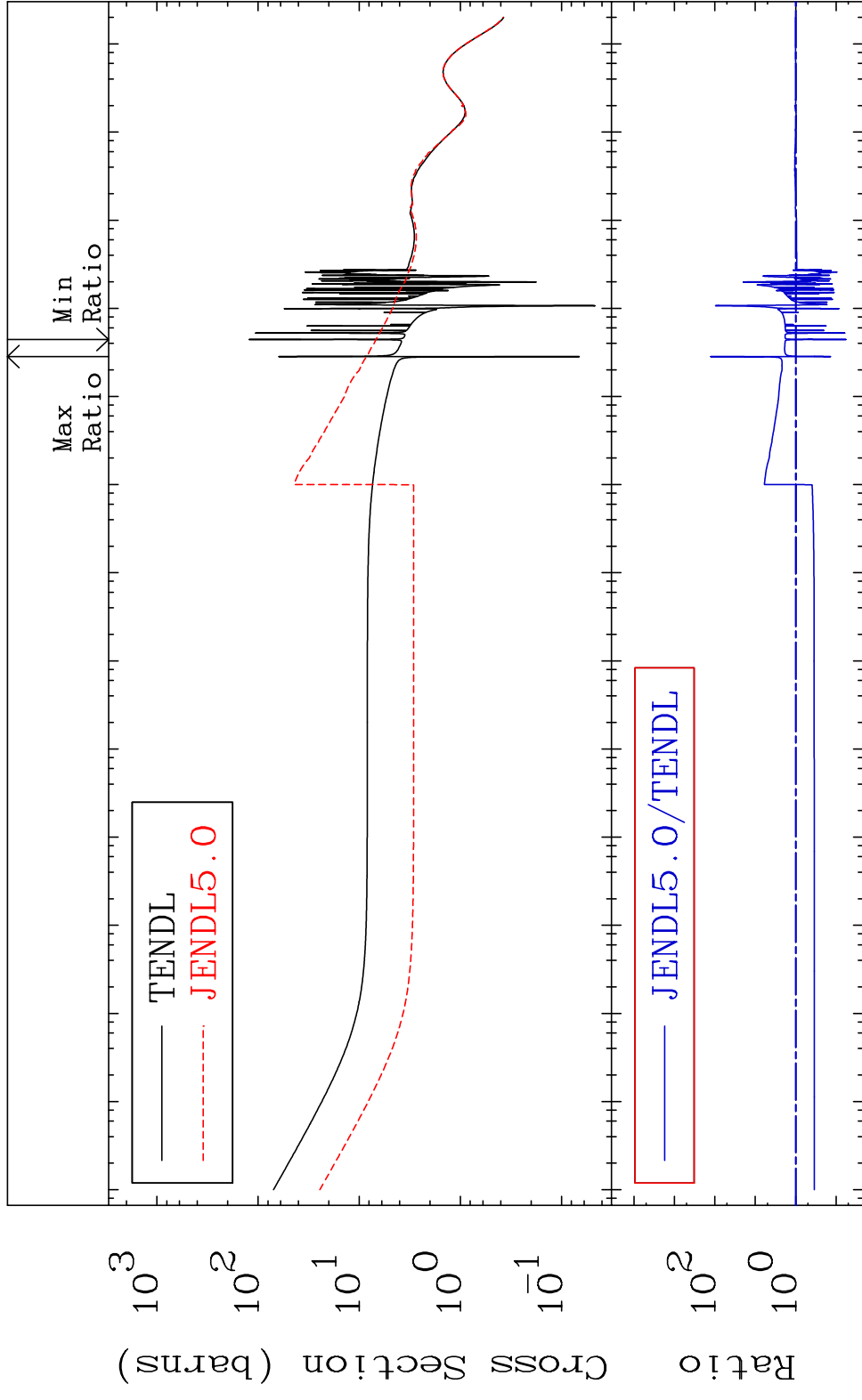
20-Ca-46

MAT 2043

Elastic

20-Ca-46

Cross Section -94.42 To 9999. %

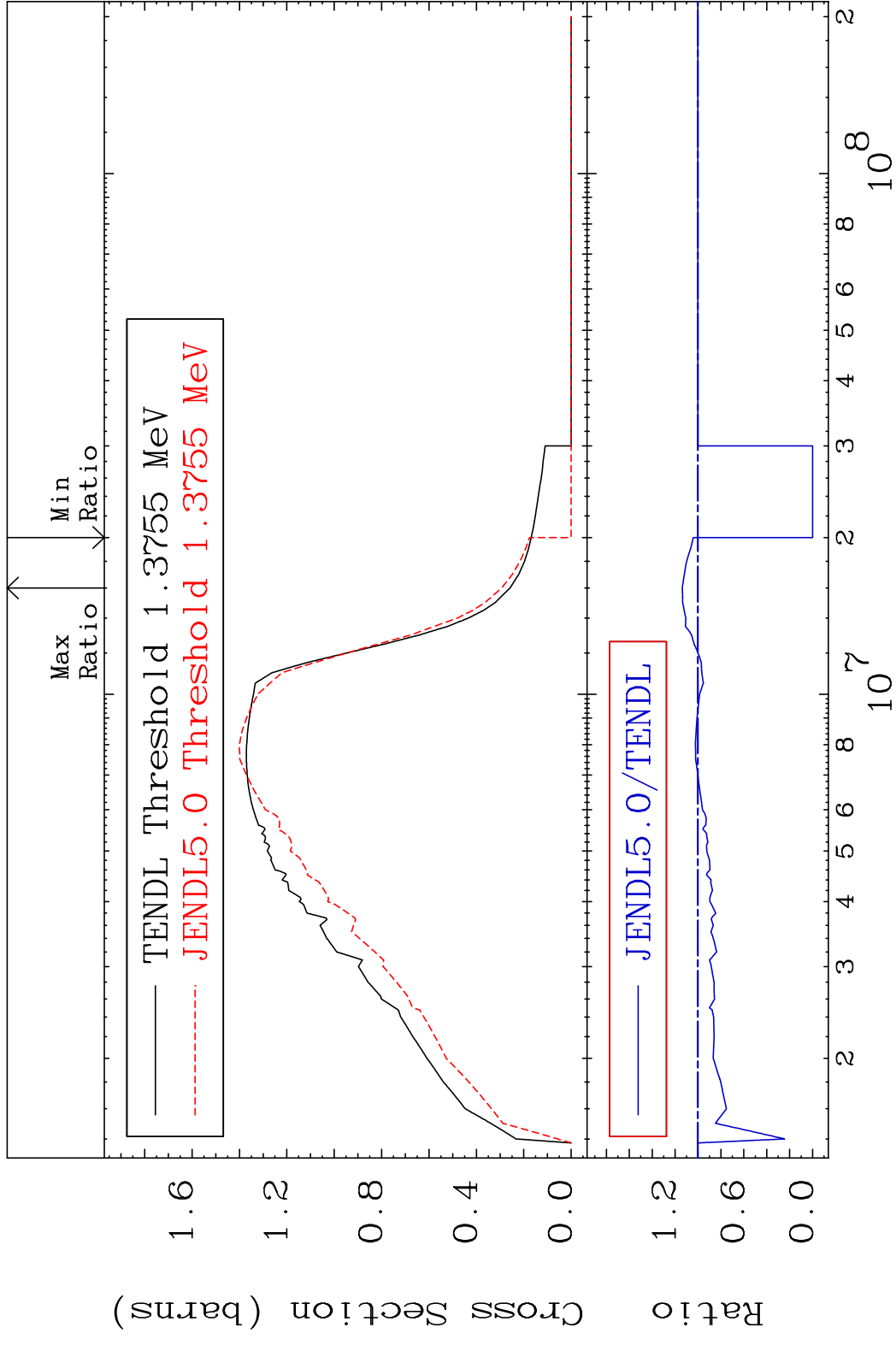


2

Incident Energy (eV)

20-Ca-46

MAT 2043 Inelastic Cross Section -100.0 To 13.65 % 20-Ca-46



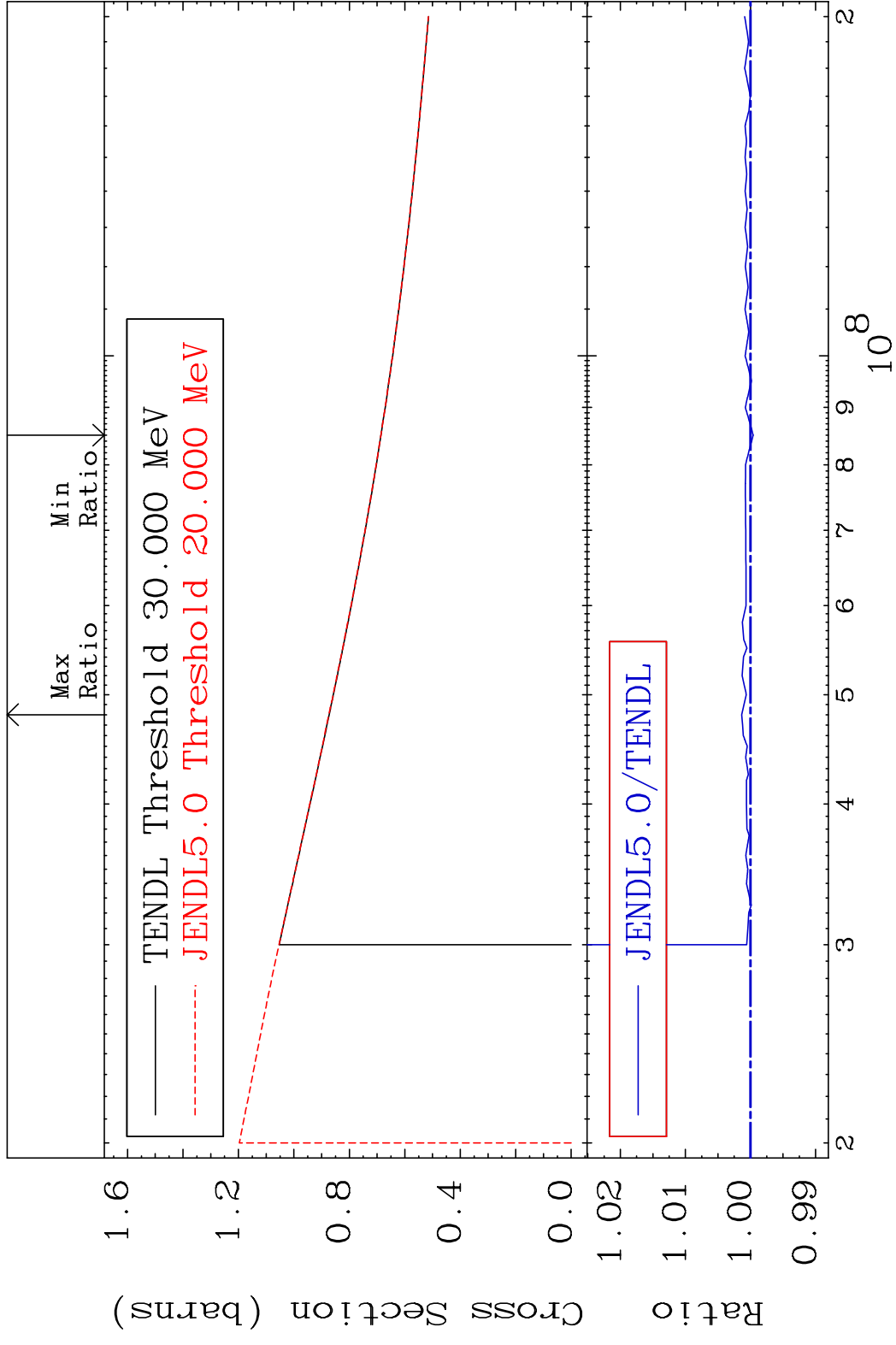
3 Incident Energy (eV) 20-Ca-46

MAT 2043

(n, remainder)

20-Ca-46

Cross Section -0.042 To 0.135 %



4

Incident Energy (eV)

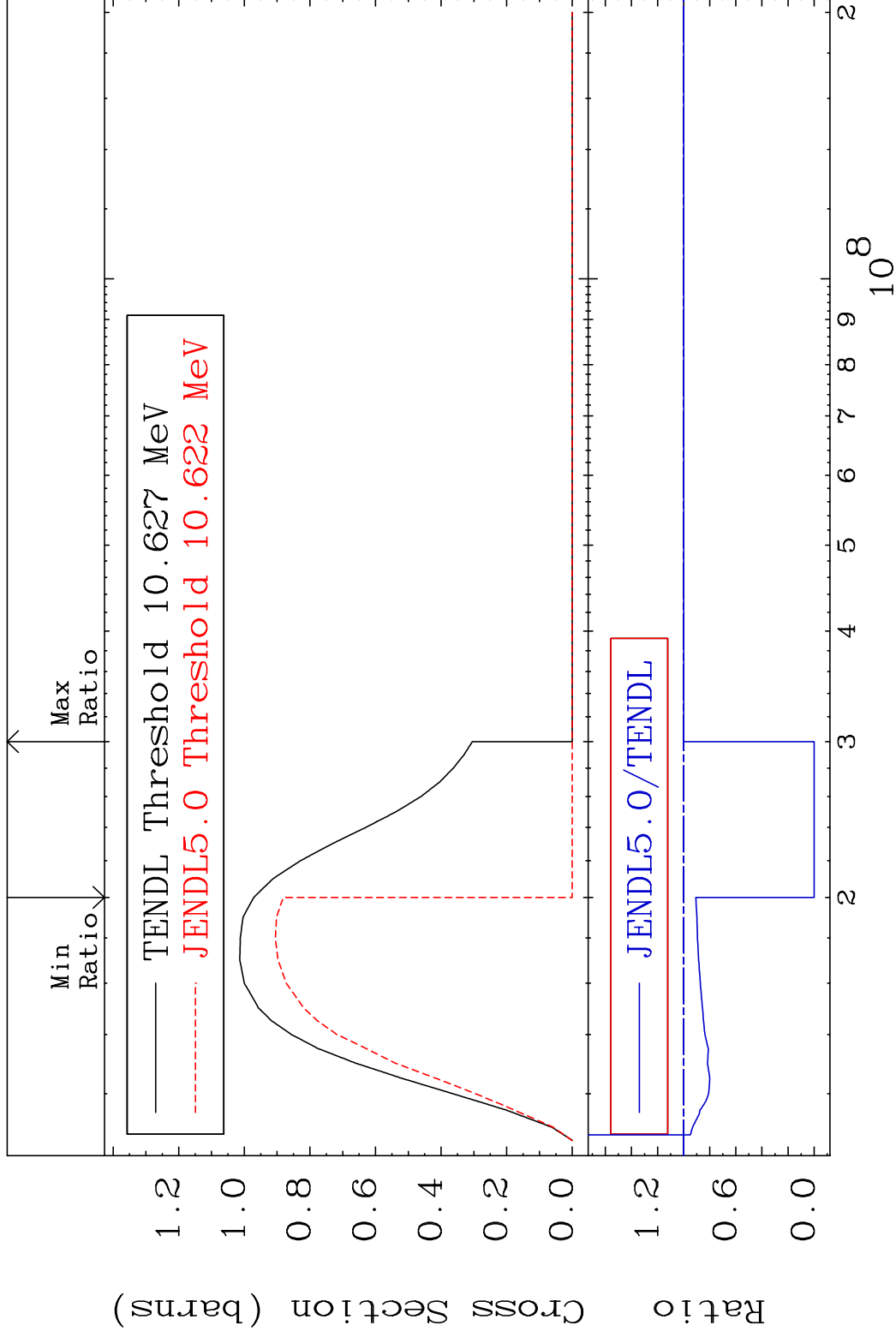
20-Ca-46

MAT 2043

(n,2n)

20-Ca-46

Cross Section -100.0 To 0.000 %

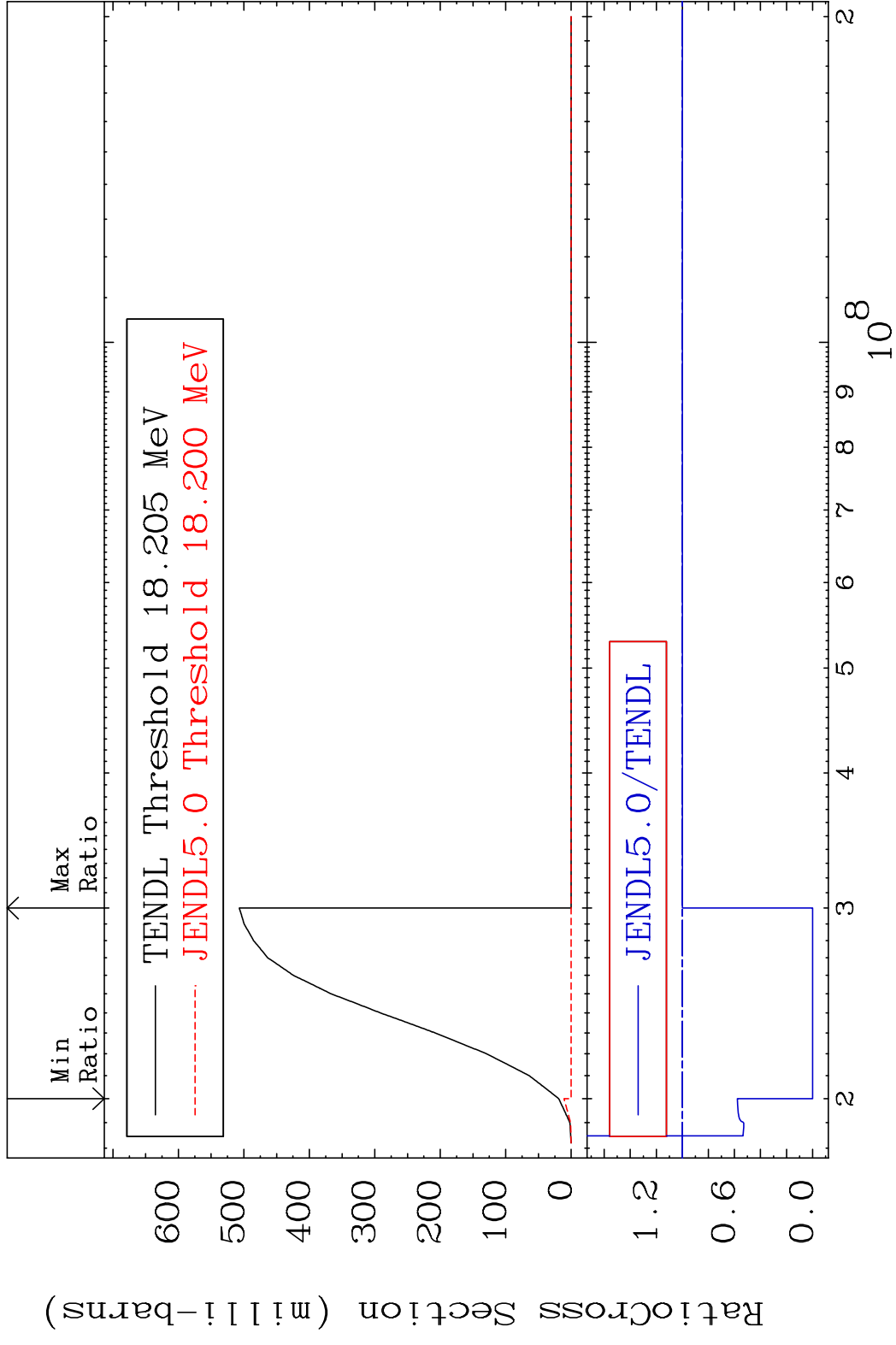


5

Incident Energy (eV)

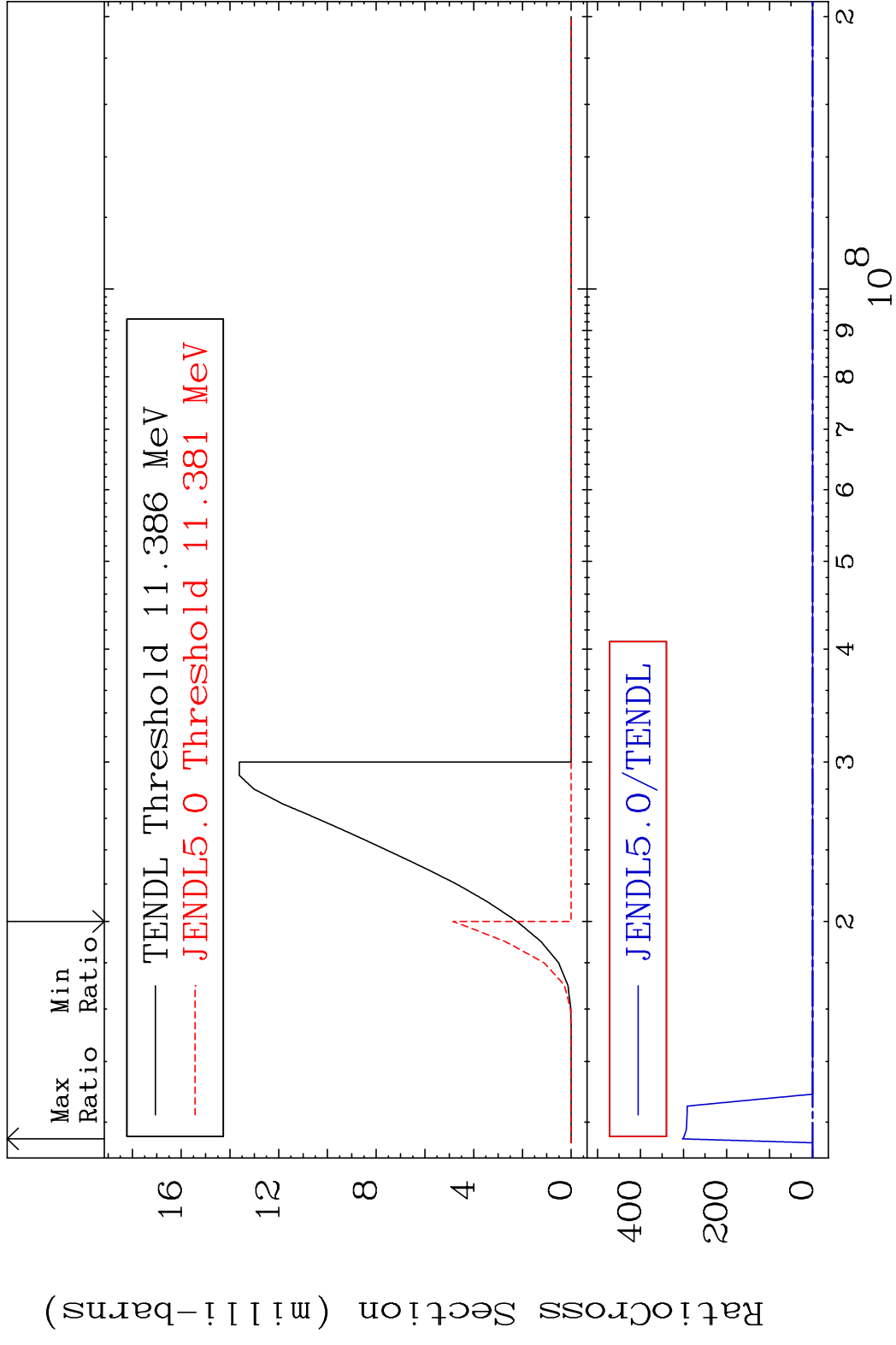
20-Ca-46

MAT 2043 (n,3n) 20-Ca-46
 Cross Section -100.0 To 0.000 %



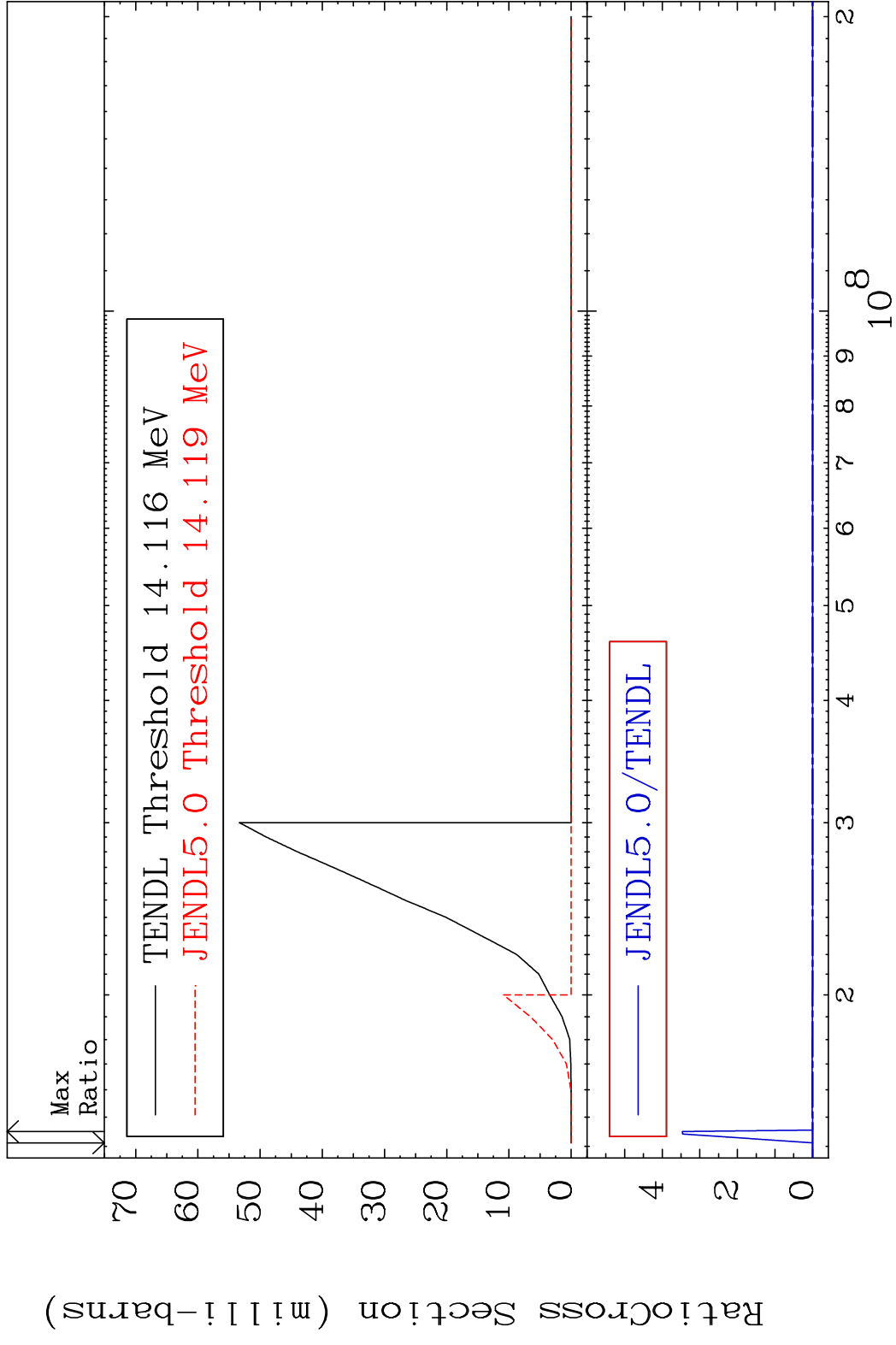
6 Incident Energy (eV) 20-Ca-46

MAT 2043 (n, n') α 20-Ca-46
 Cross Section -100.0 To 9999. %



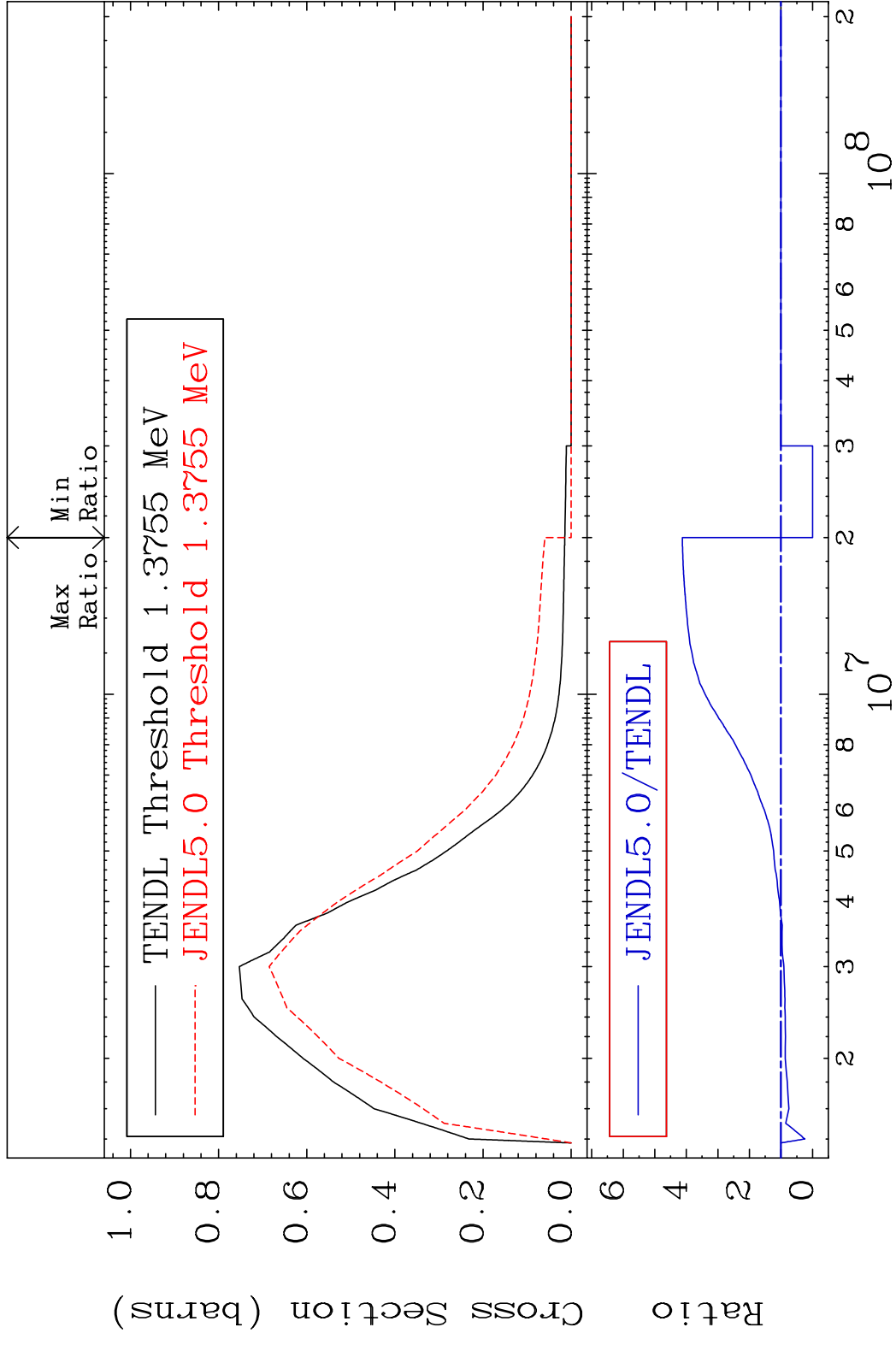
7 Incident Energy (eV) 20-Ca-46

MAT 2043 (n, n') p 20-Ca-46
 Cross Section -100.0 To 9999. %



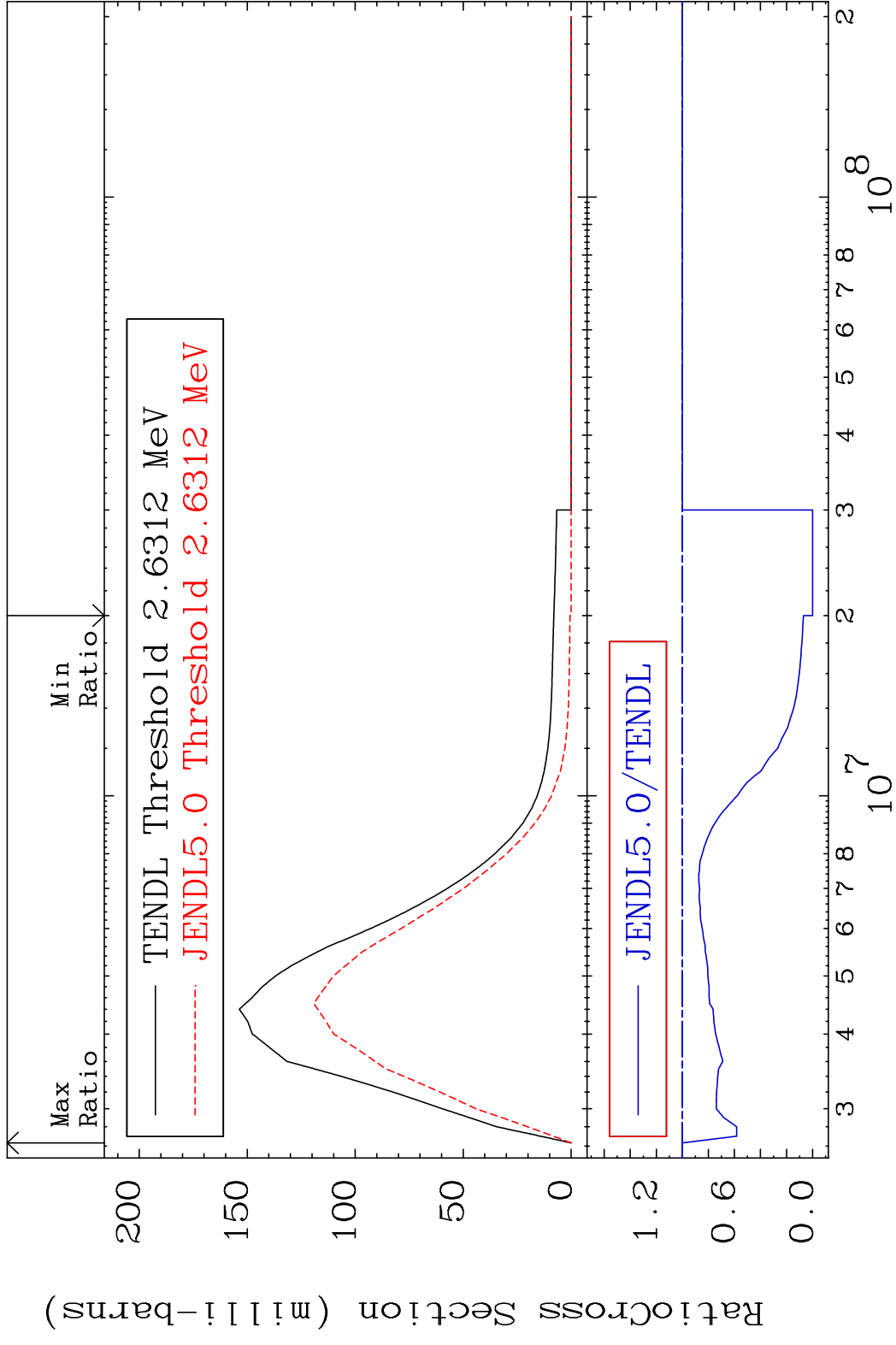
8 8 20-Ca-46

MAT 2043 MT= 51 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 312.6 %

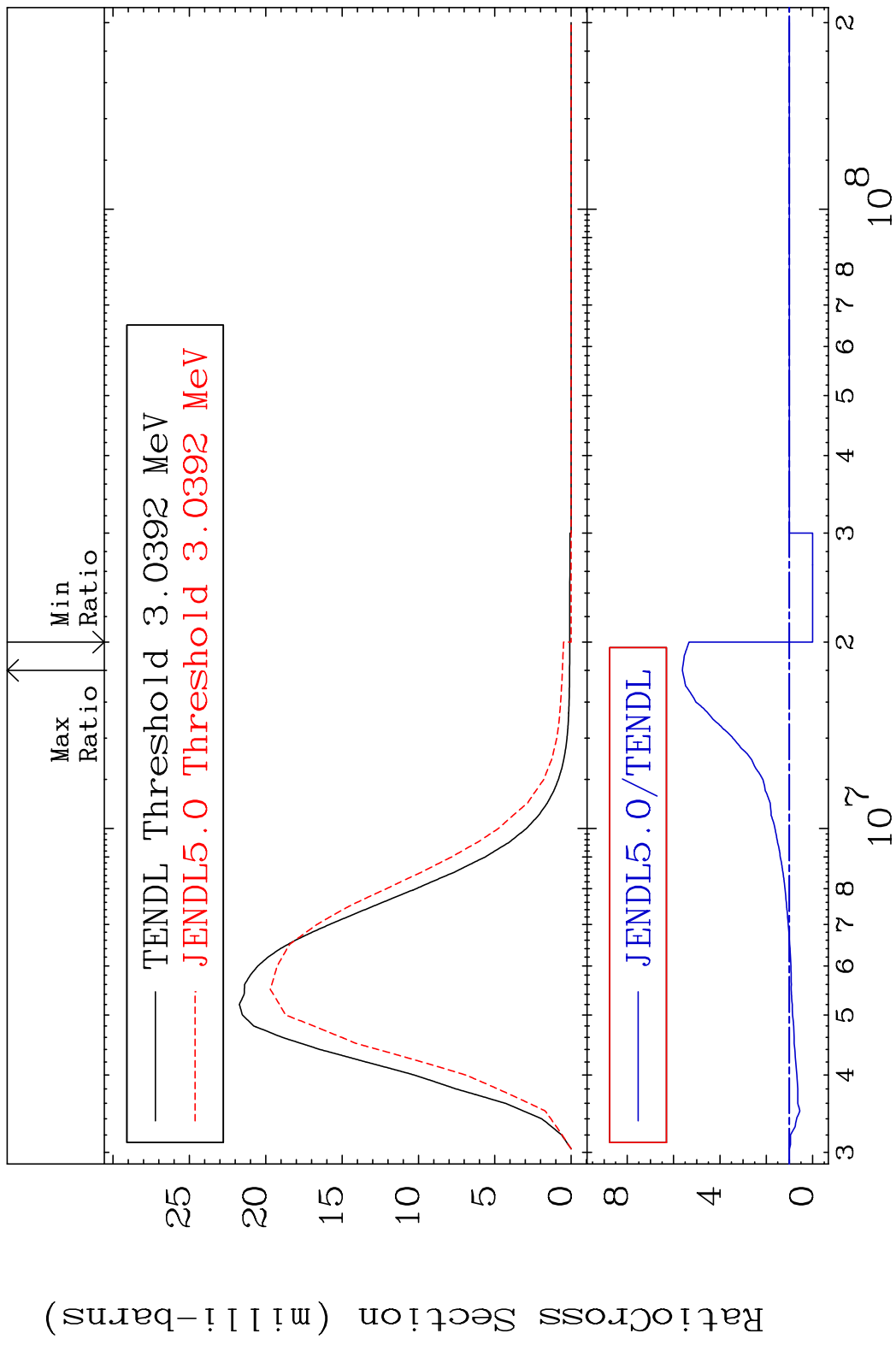


9 Incident Energy (eV) 20-Ca-46

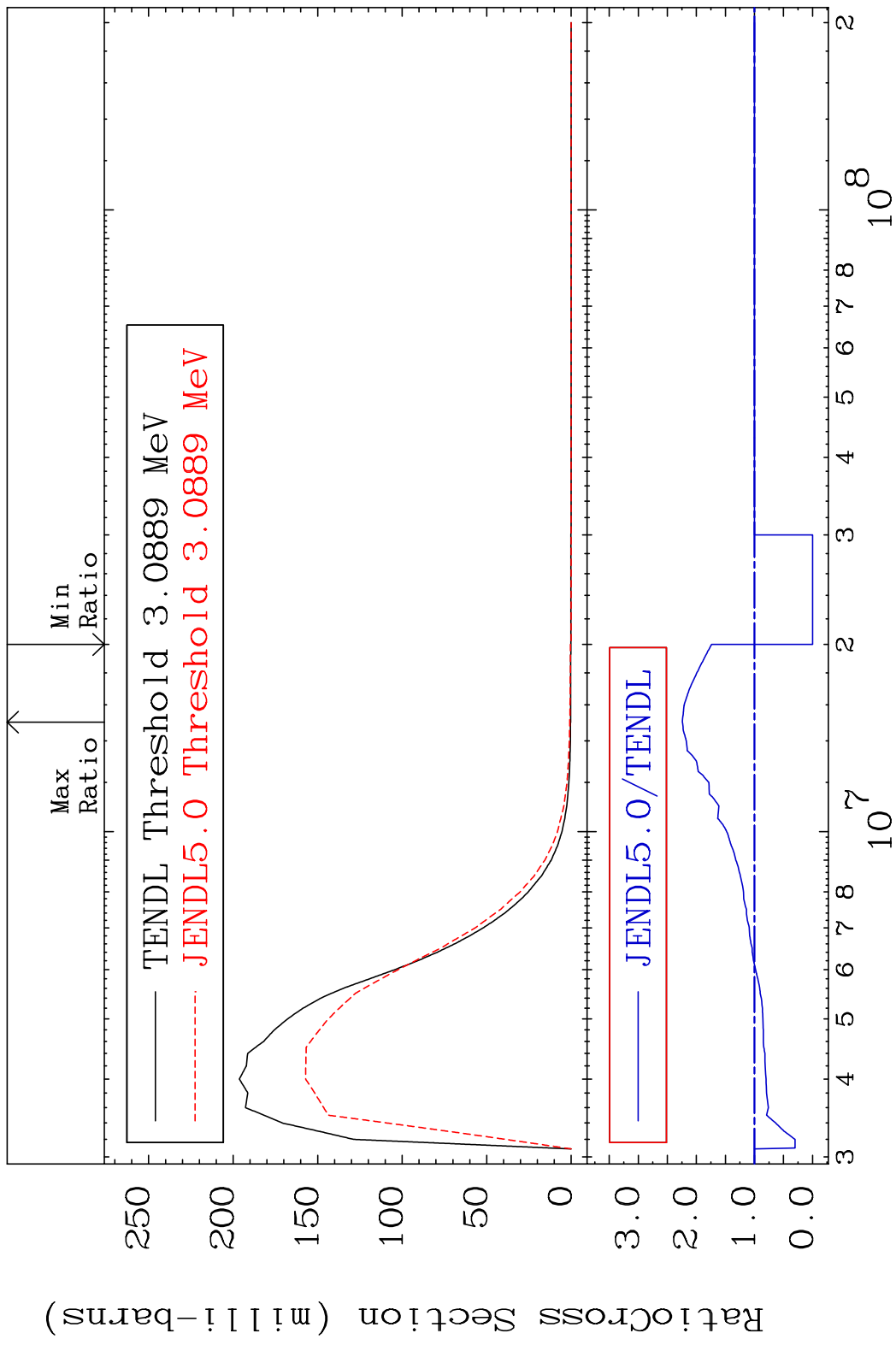
MAT 2043 MT= 53 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 0.000 %



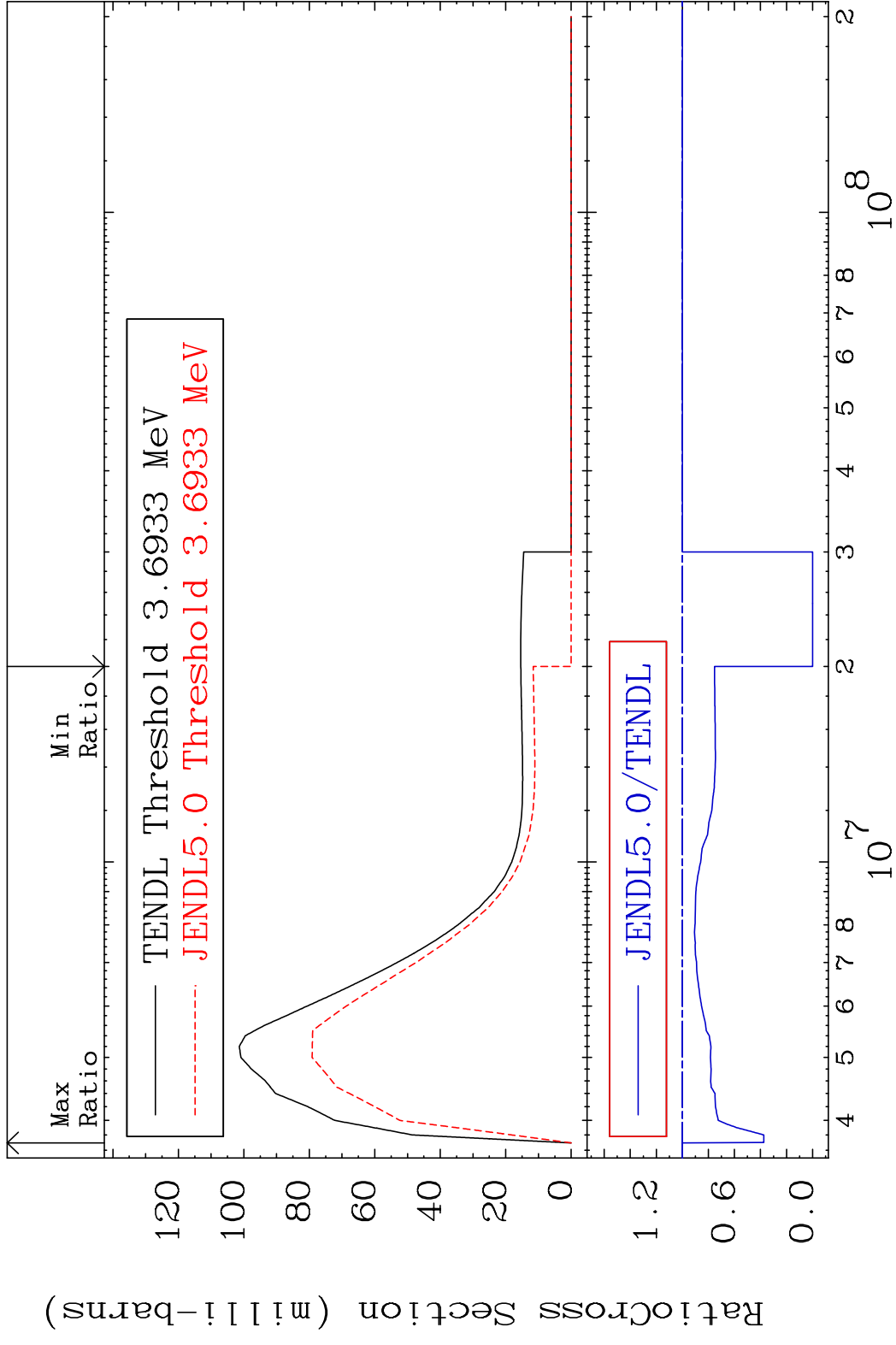
MAT 2043 MT= 54 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 462.1 %



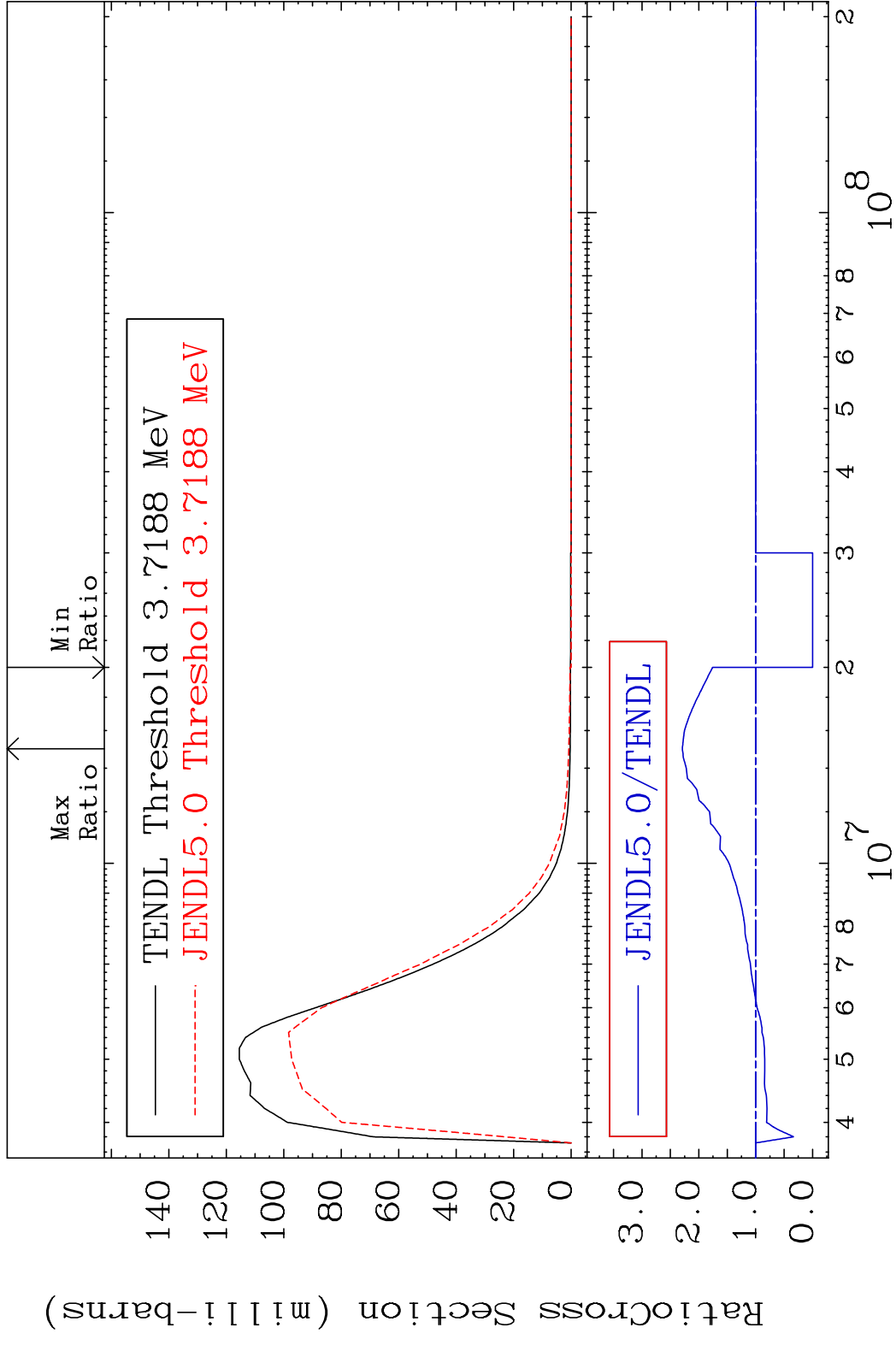
MAT 2043 MT= 55 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 124.1 %



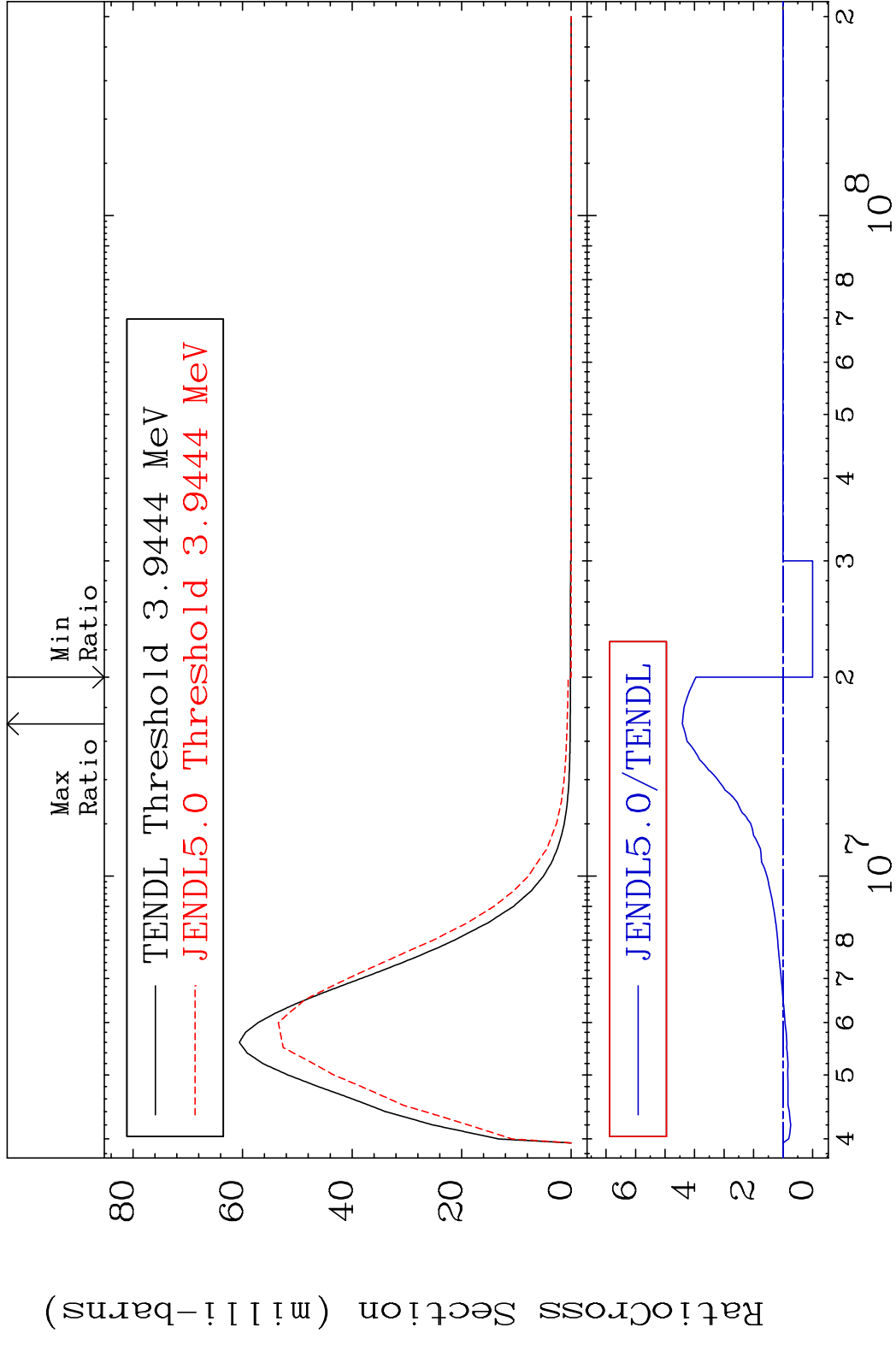
MAT 2043 MT= 56 (n,n') Level 20-Ca-46
 Cross Section -100.0 To 0.000 %



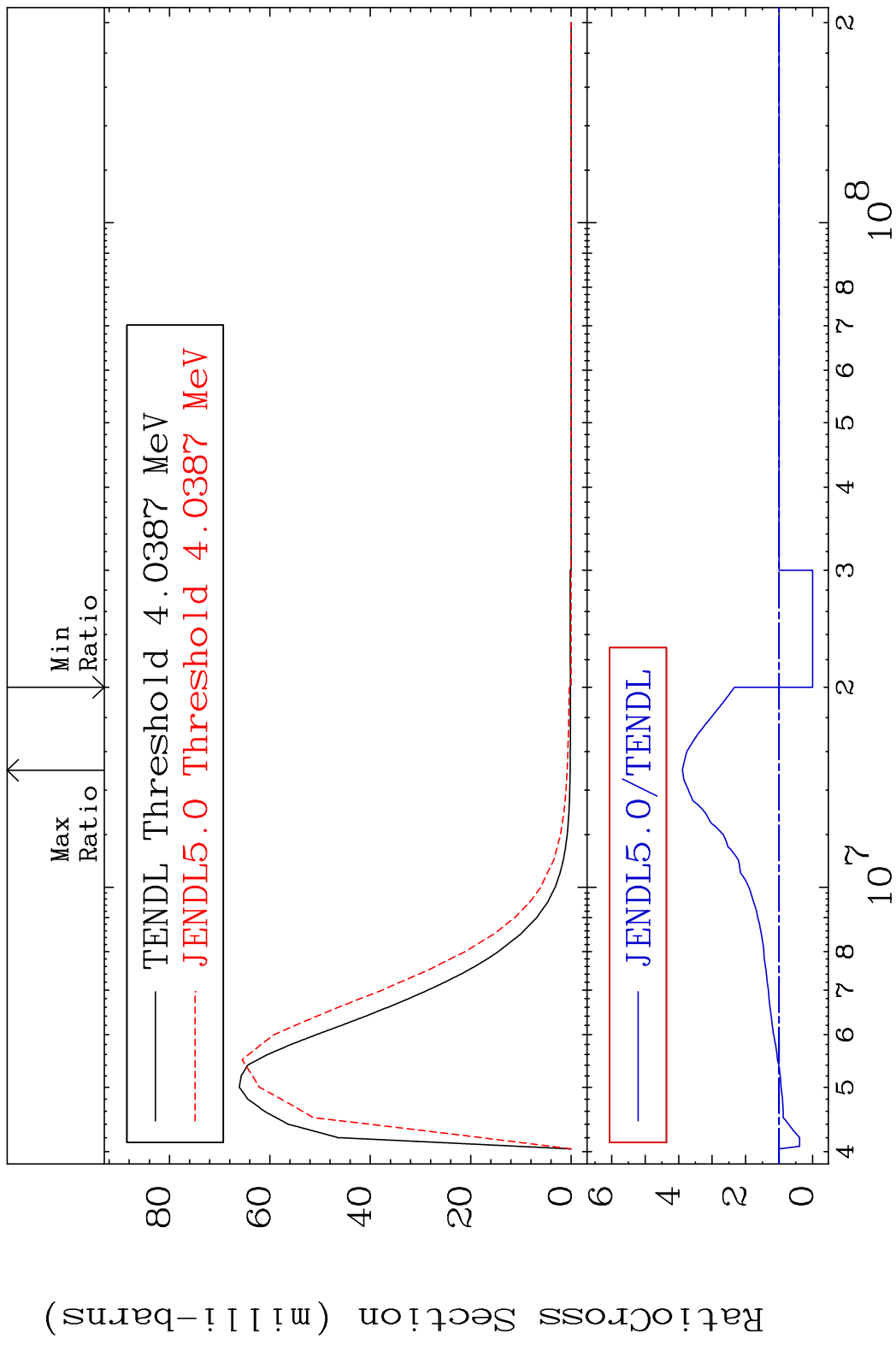
MAT 2043 MT= 57 (n,n') Level 20-Ca-46
 Cross Section -100.0 To 129.0 %



MAT 2043 MT= 58 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 341.3 %

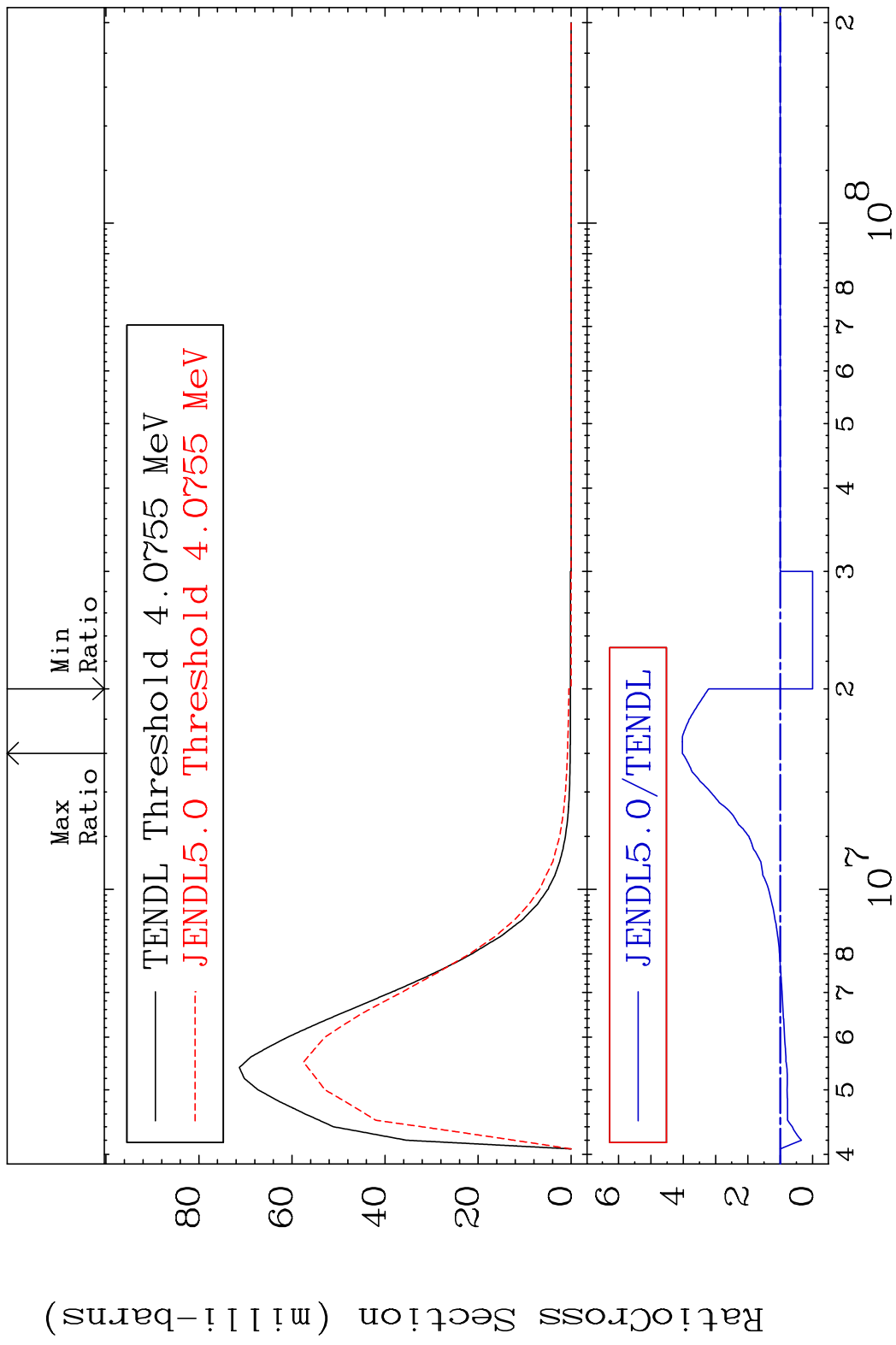


MAT 2043 MT= 59 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 288.9 %

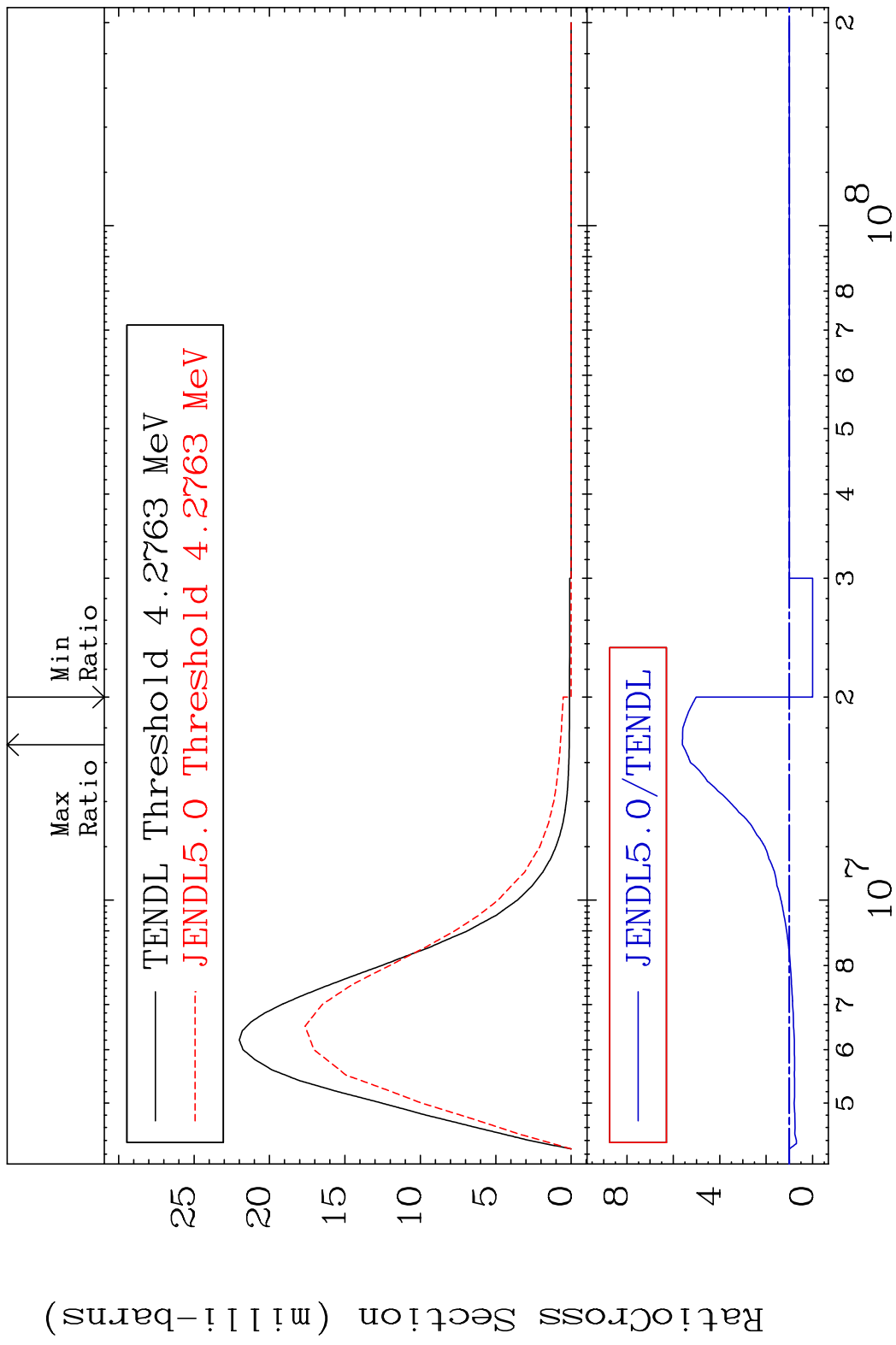


17 Incident Energy (eV) 20-Ca-46

MAT 2043 MT= 60 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 302.8 %

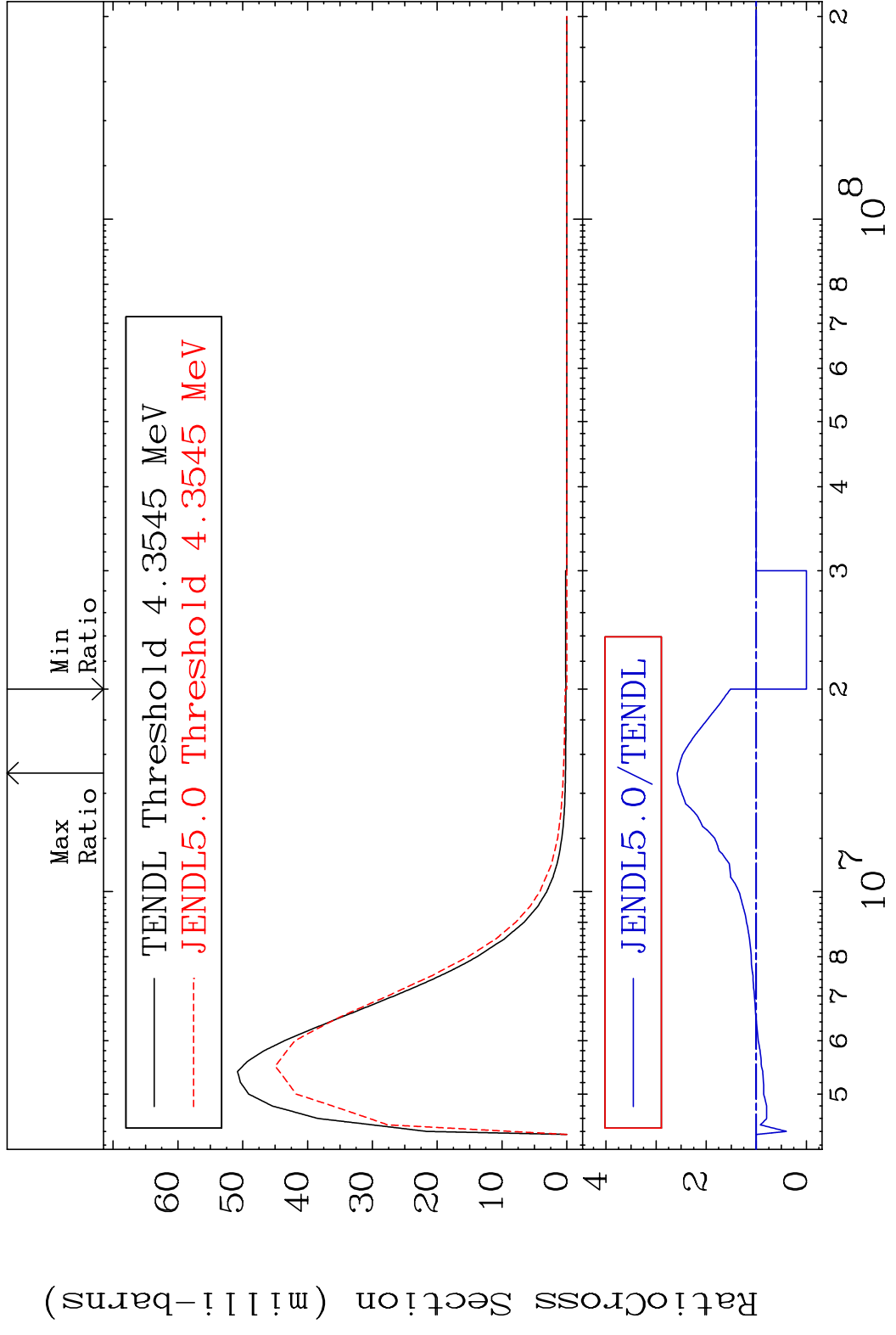


MAT 2043 MT= 61 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 461.0 %

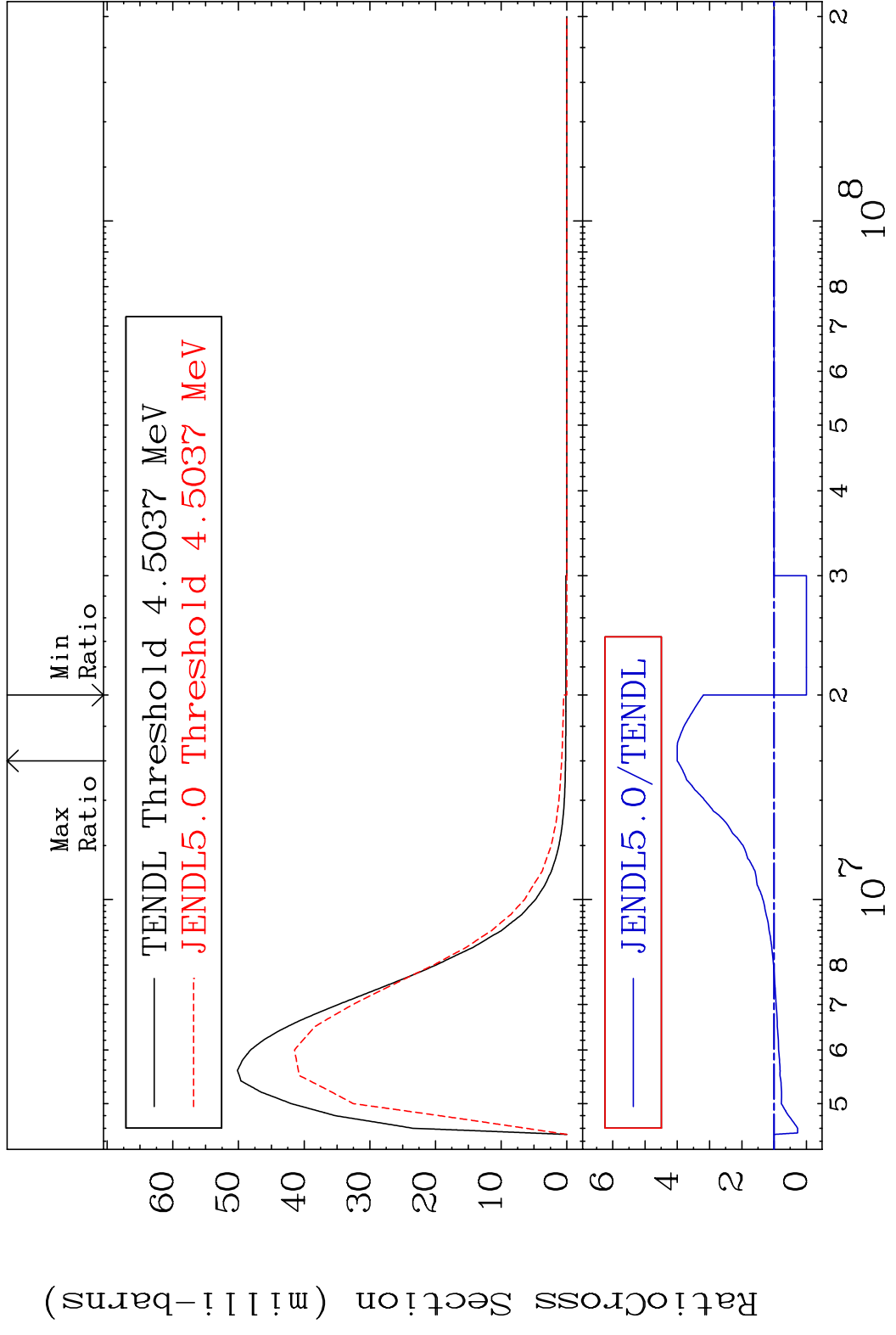


19 Incident Energy (eV) 20-Ca-46

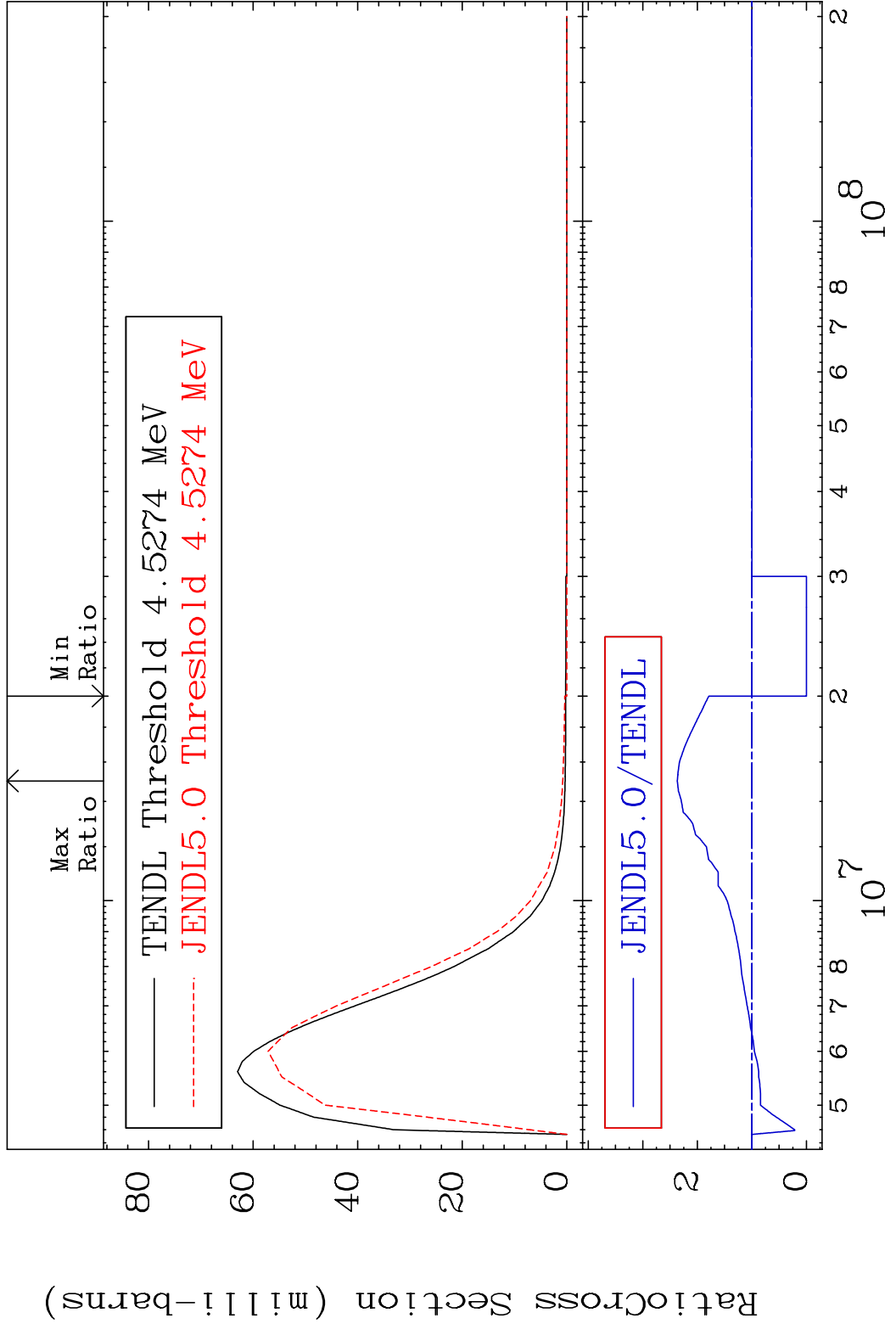
MAT 2043 MT= 62 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 157.9 %



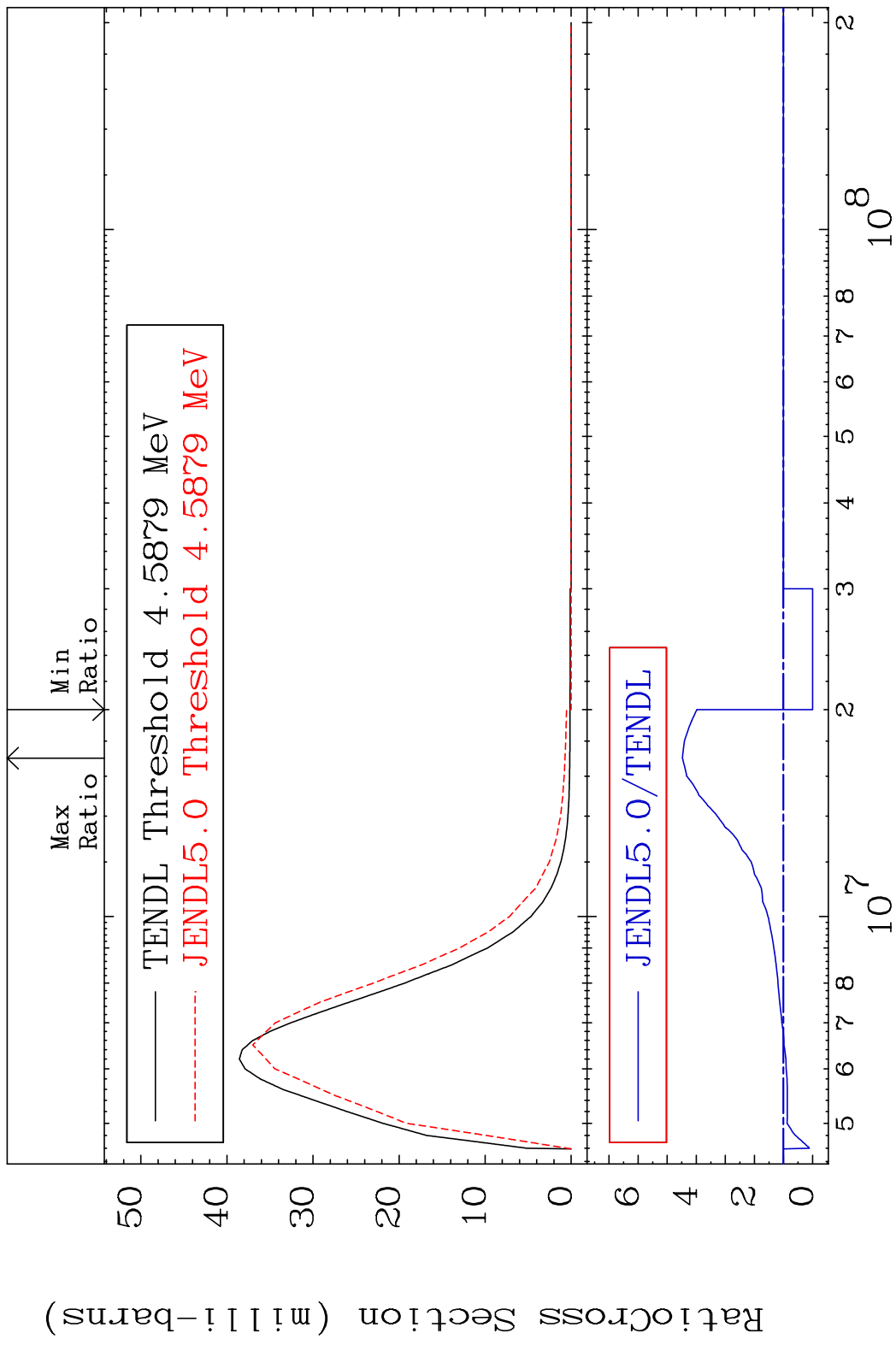
MAT 2043 MT= 63 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 300.4 %



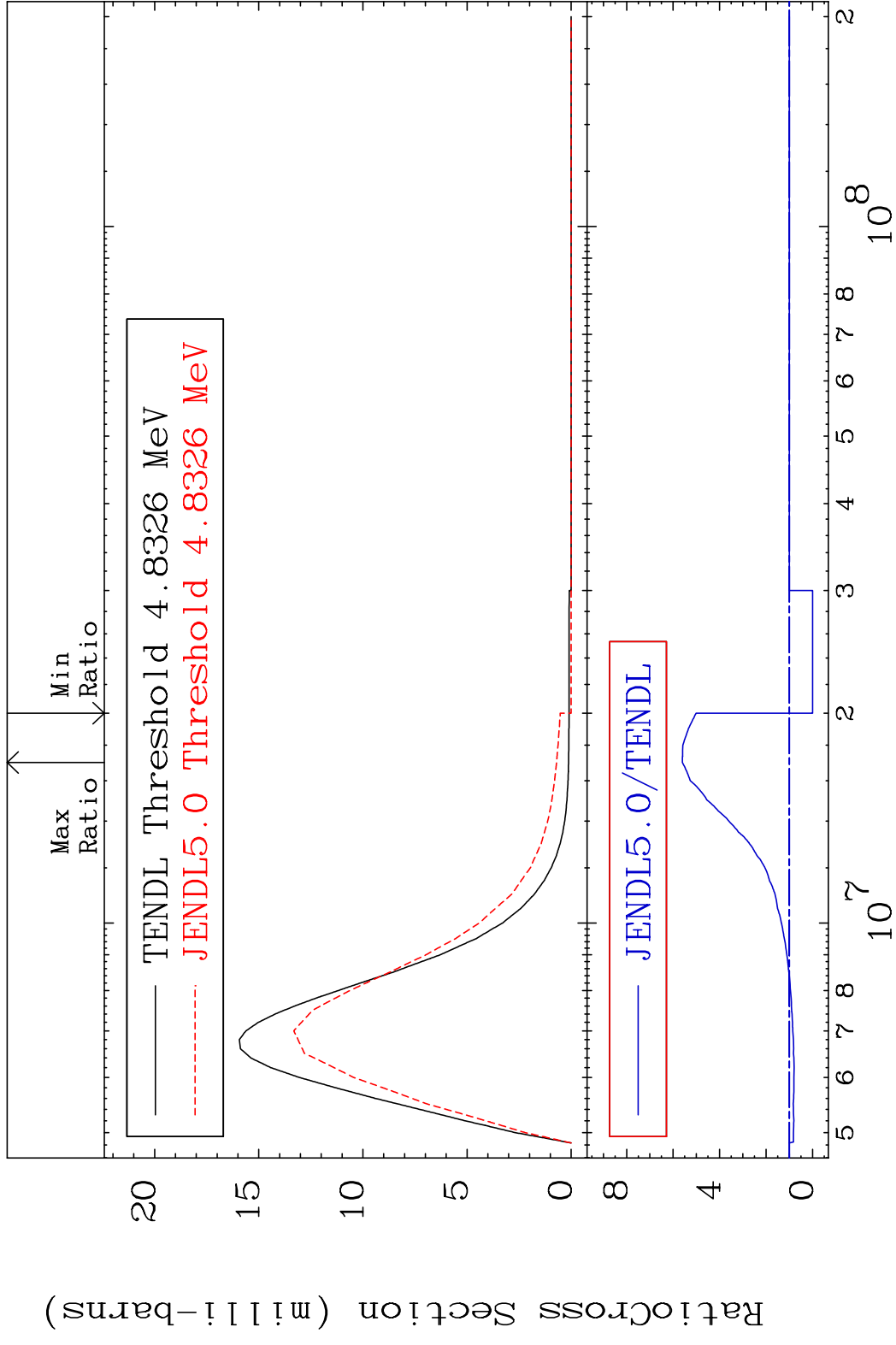
MAT 2043 MT= 64 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 136.9 %



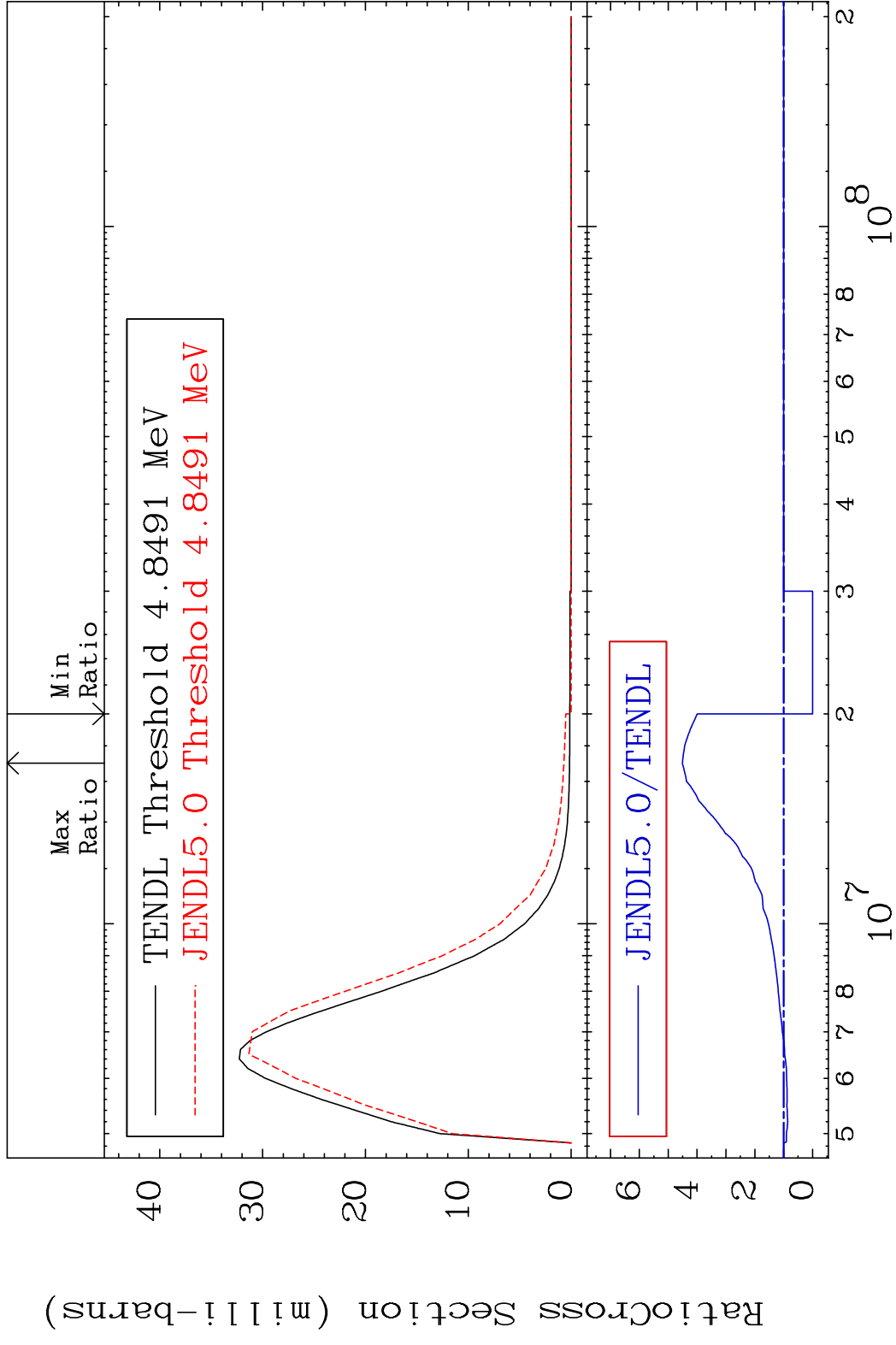
MAT 2043 MT= 65 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 347.9 %



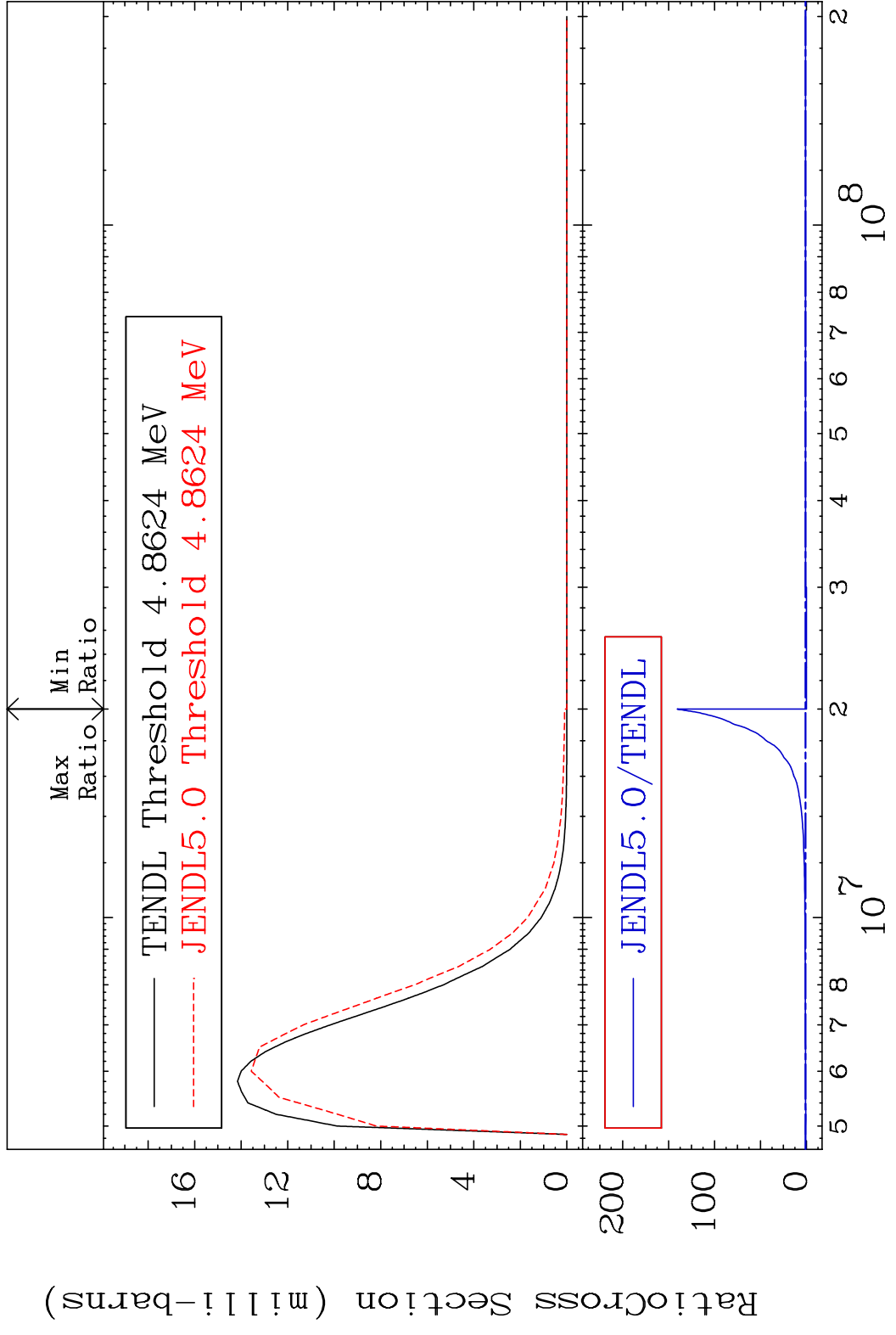
MAT 2043 MT= 66 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 460.3 %



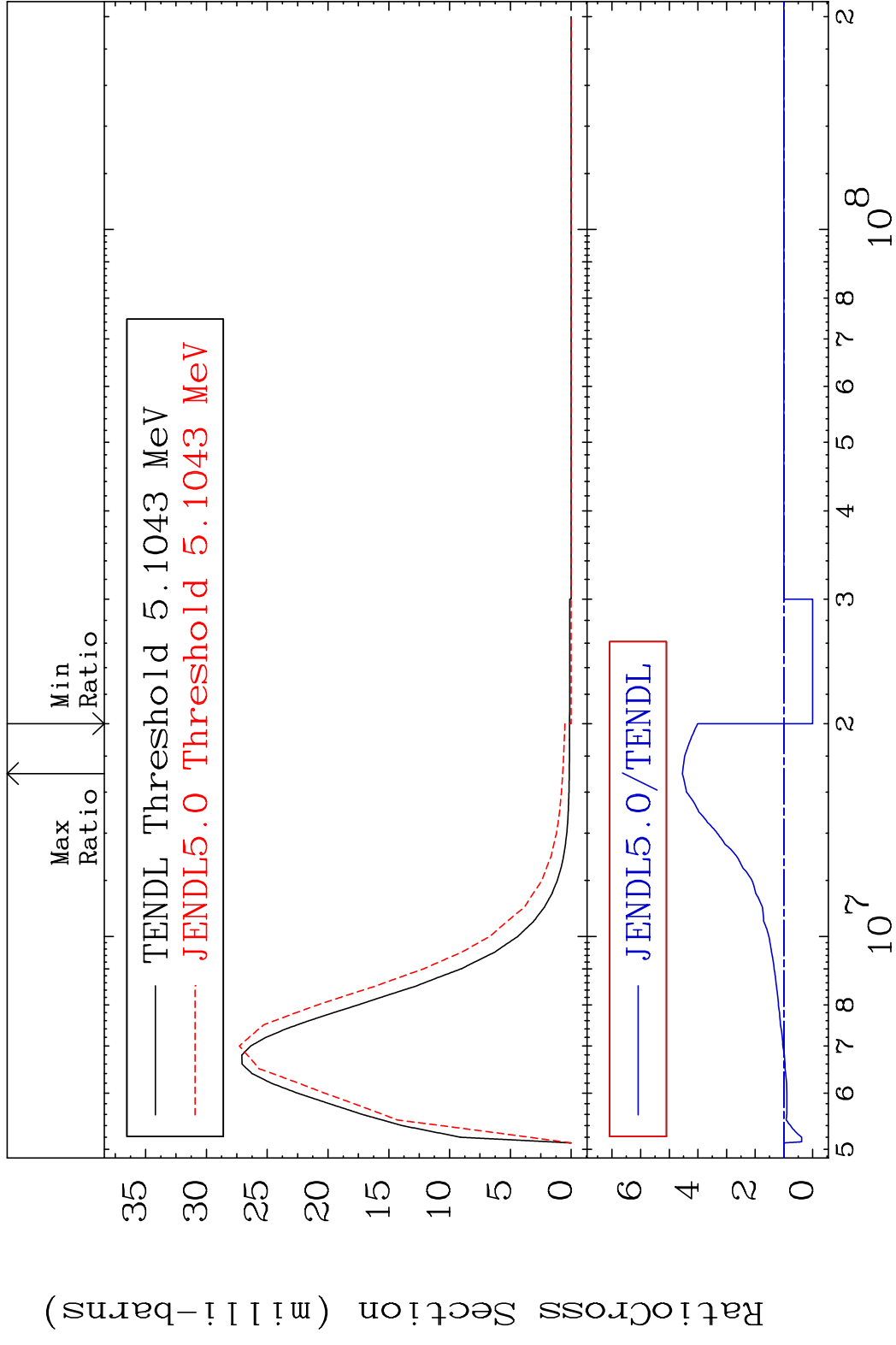
MAT 2043 MT= 67 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 351.1 %



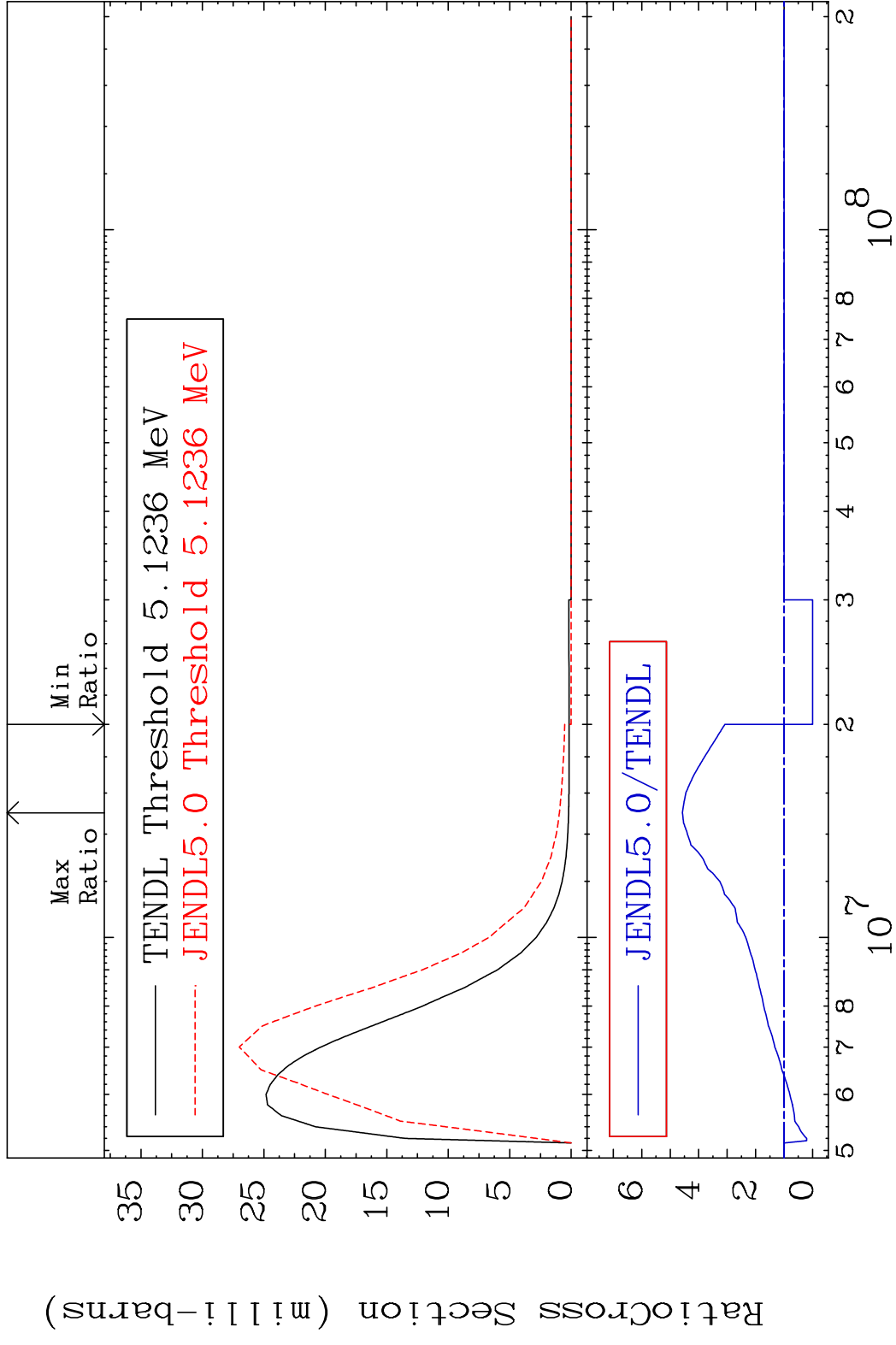
MAT 2043 MT= 68 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 9999. %



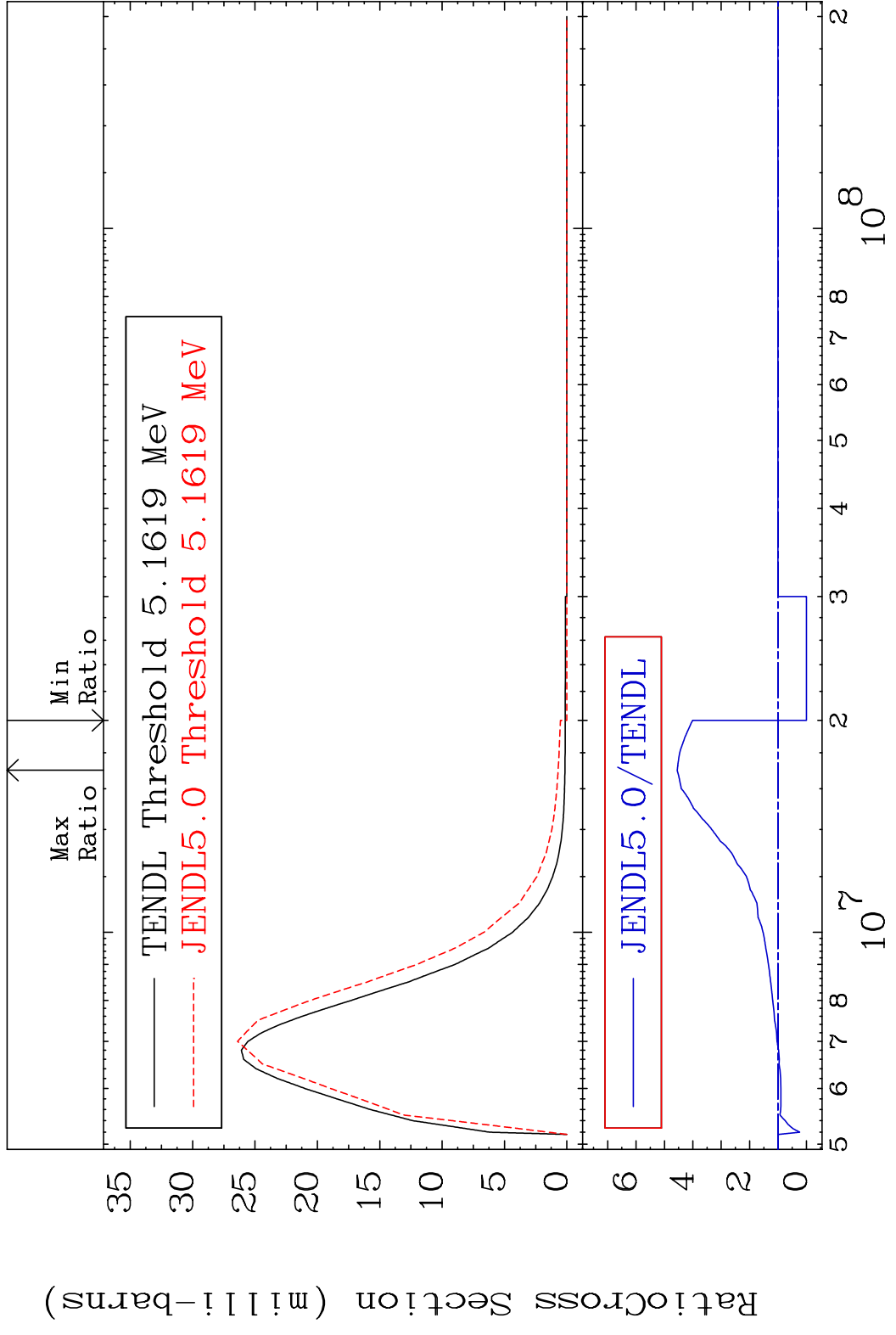
MAT 2043 MT= 69 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 354.4 %



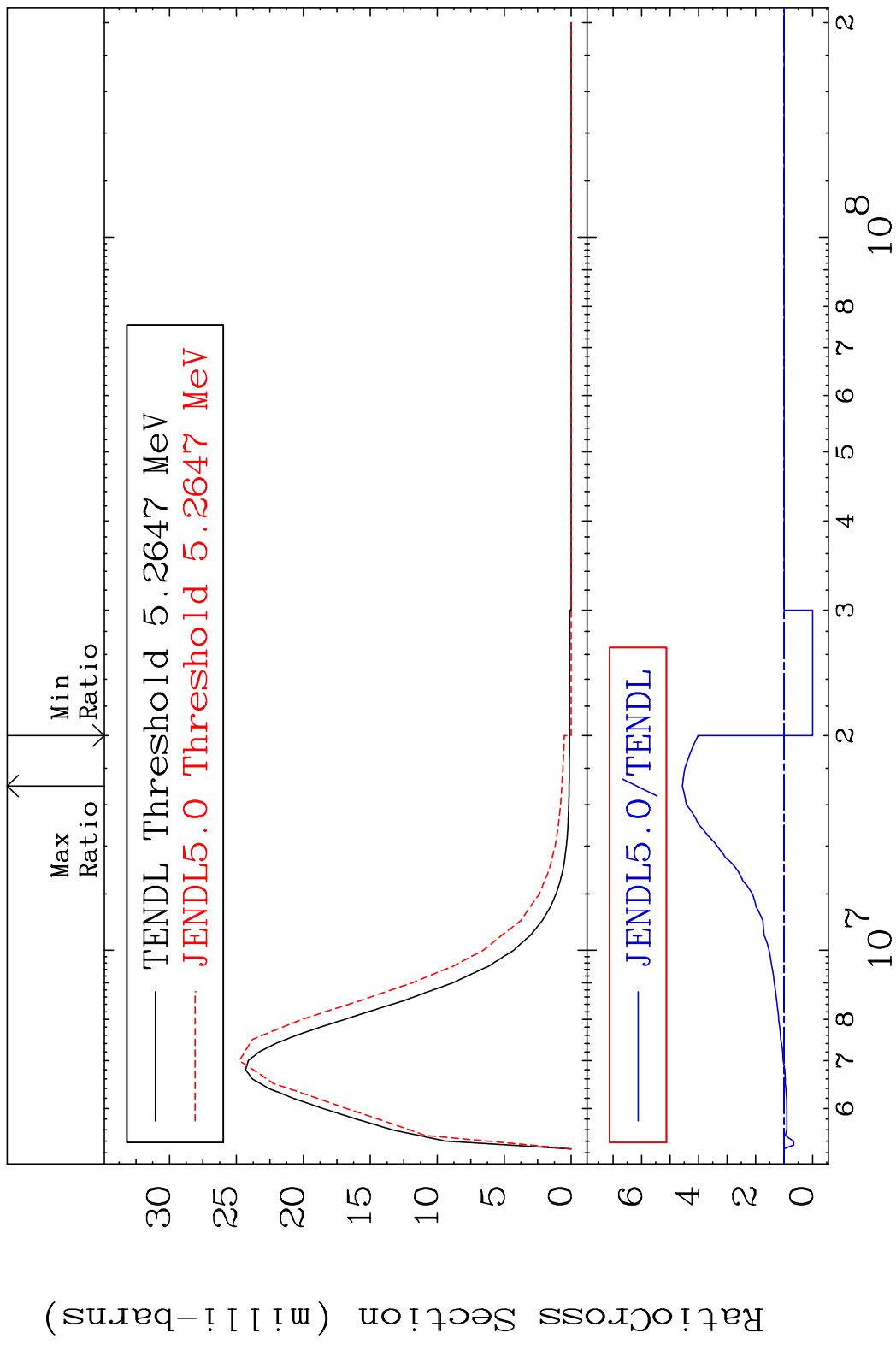
MAT 2043 MT= 70 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 357.4 %



MAT 2043 MT= 71 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 355.2 %



MAT 2043 MT= 72 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 356.6 %

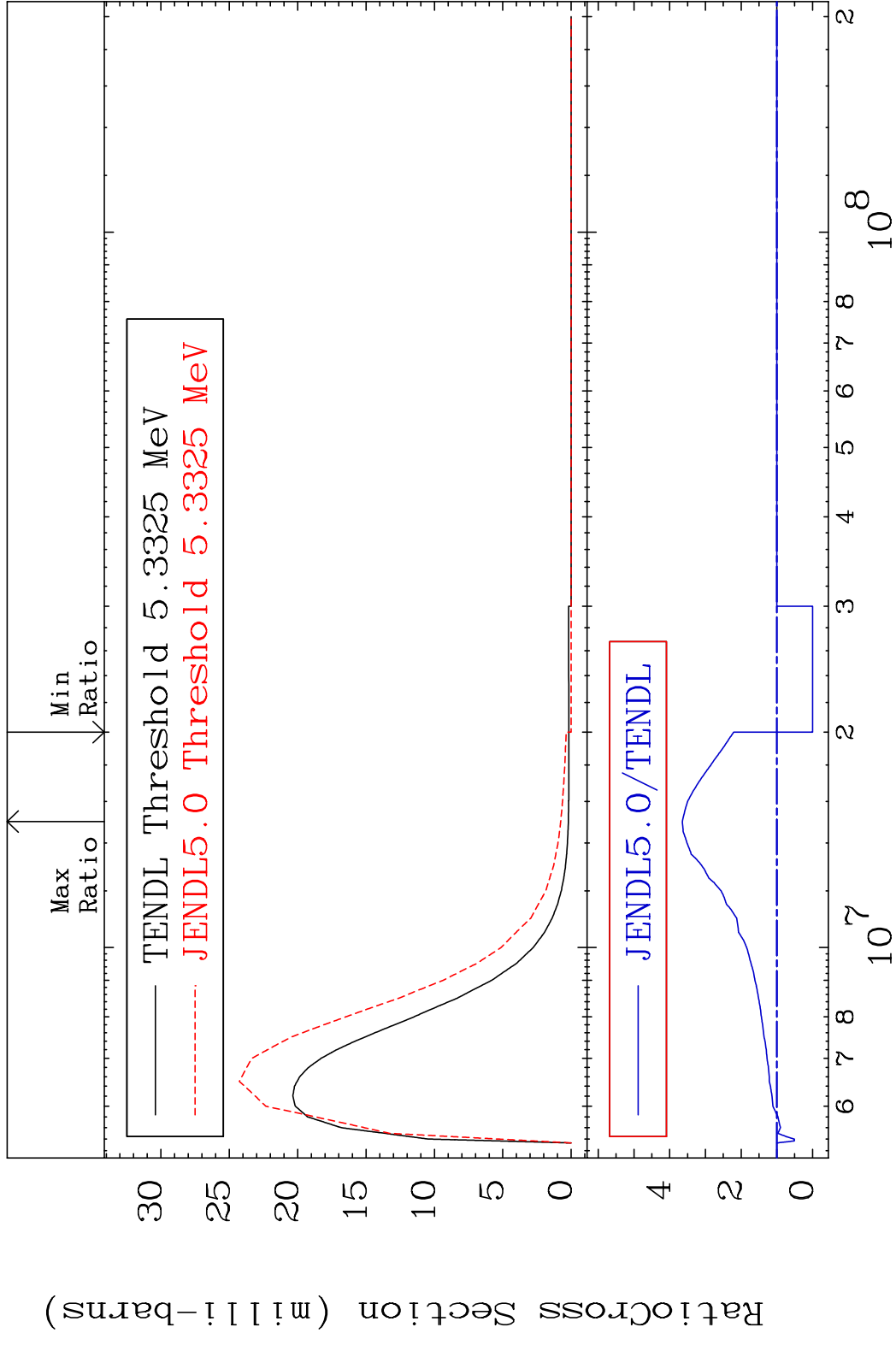


30

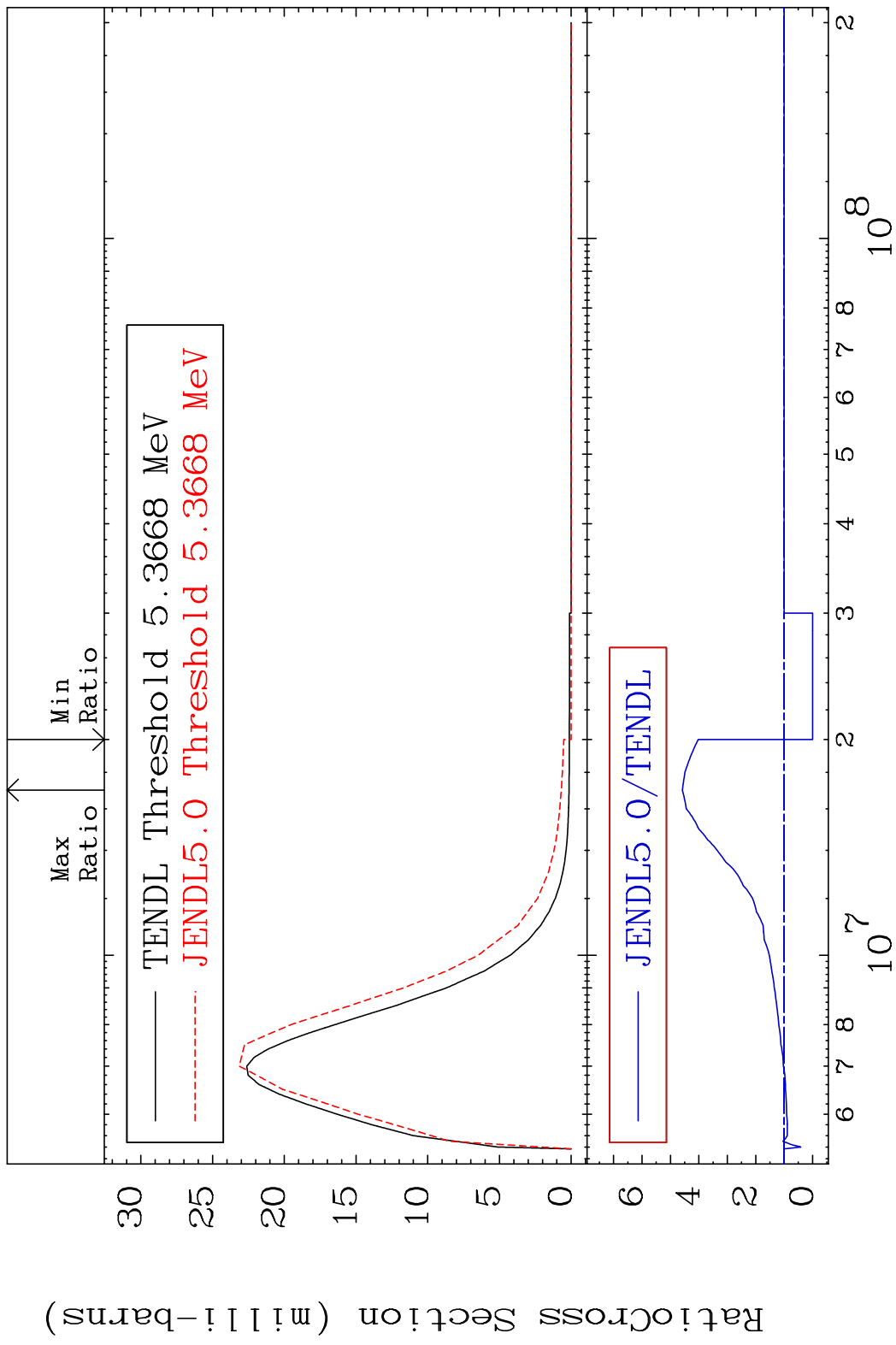
Incident Energy (eV)

20-Ca-46

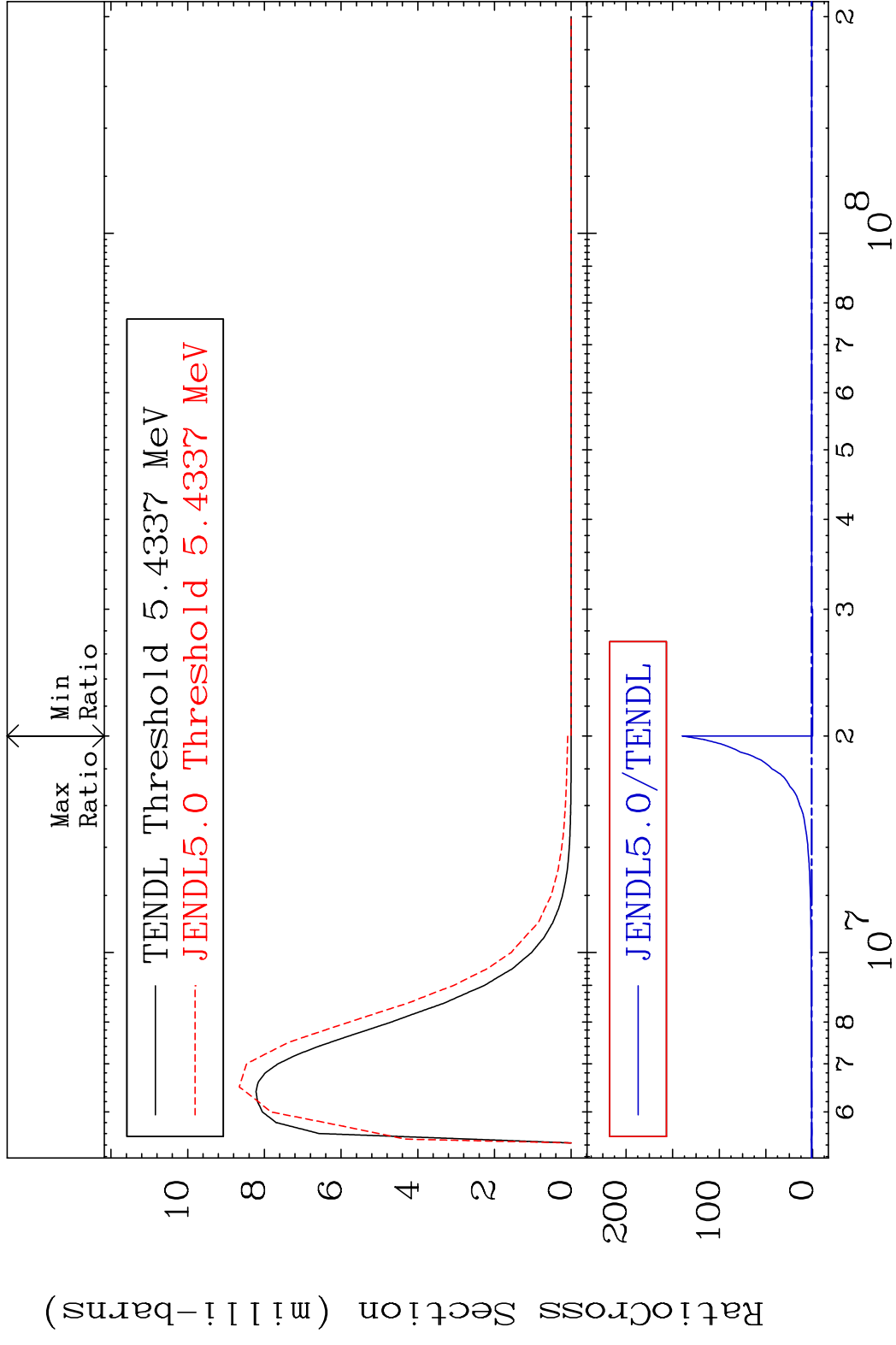
MAT 2043 MT= 73 (n,n') Level 20-Ca-46
 Cross Section -100.0 To 264.5 %



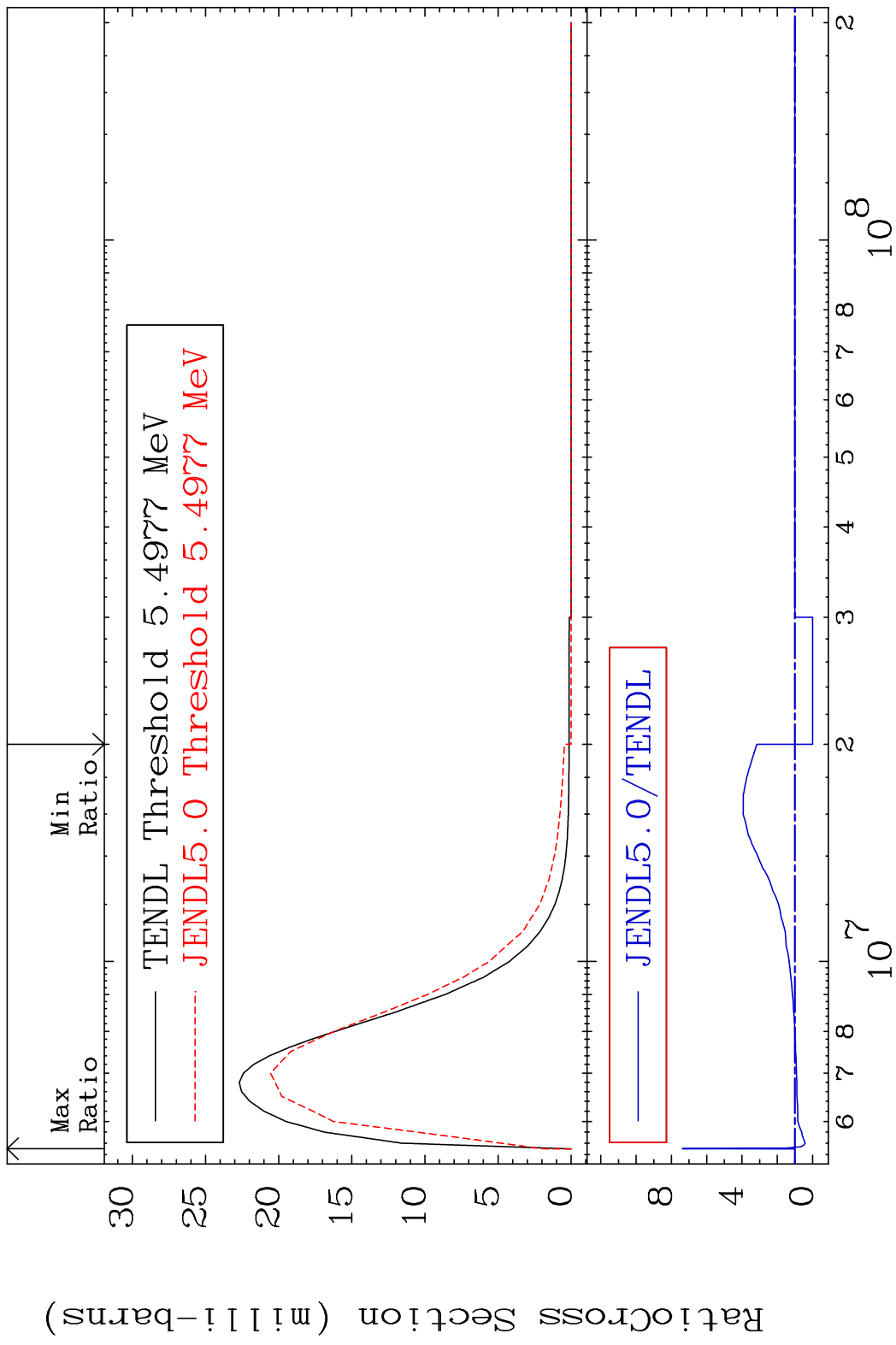
MAT 2043 MT= 74 (n,n') Level 20-Ca-46
 Cross Section -100.0 To 358.1 %



MAT 2043 MT= 75 (n,n') Level 20-Ca-46
 Cross Section -100.0 To 9999. %

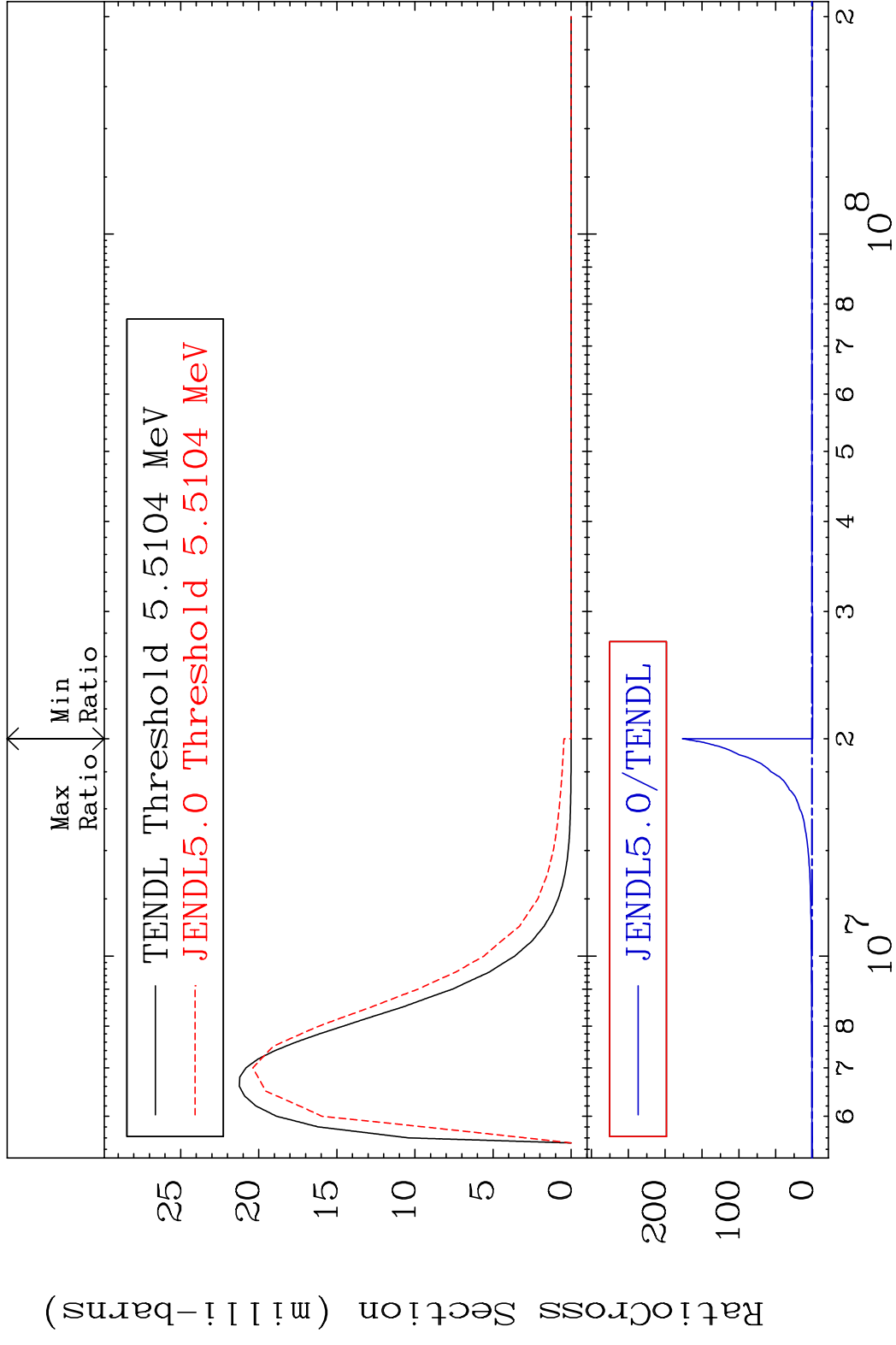


MAT 2043 MT= 76 (n,n') Level 20-Ca-46
 Cross Section -100.0 To 638.0 %

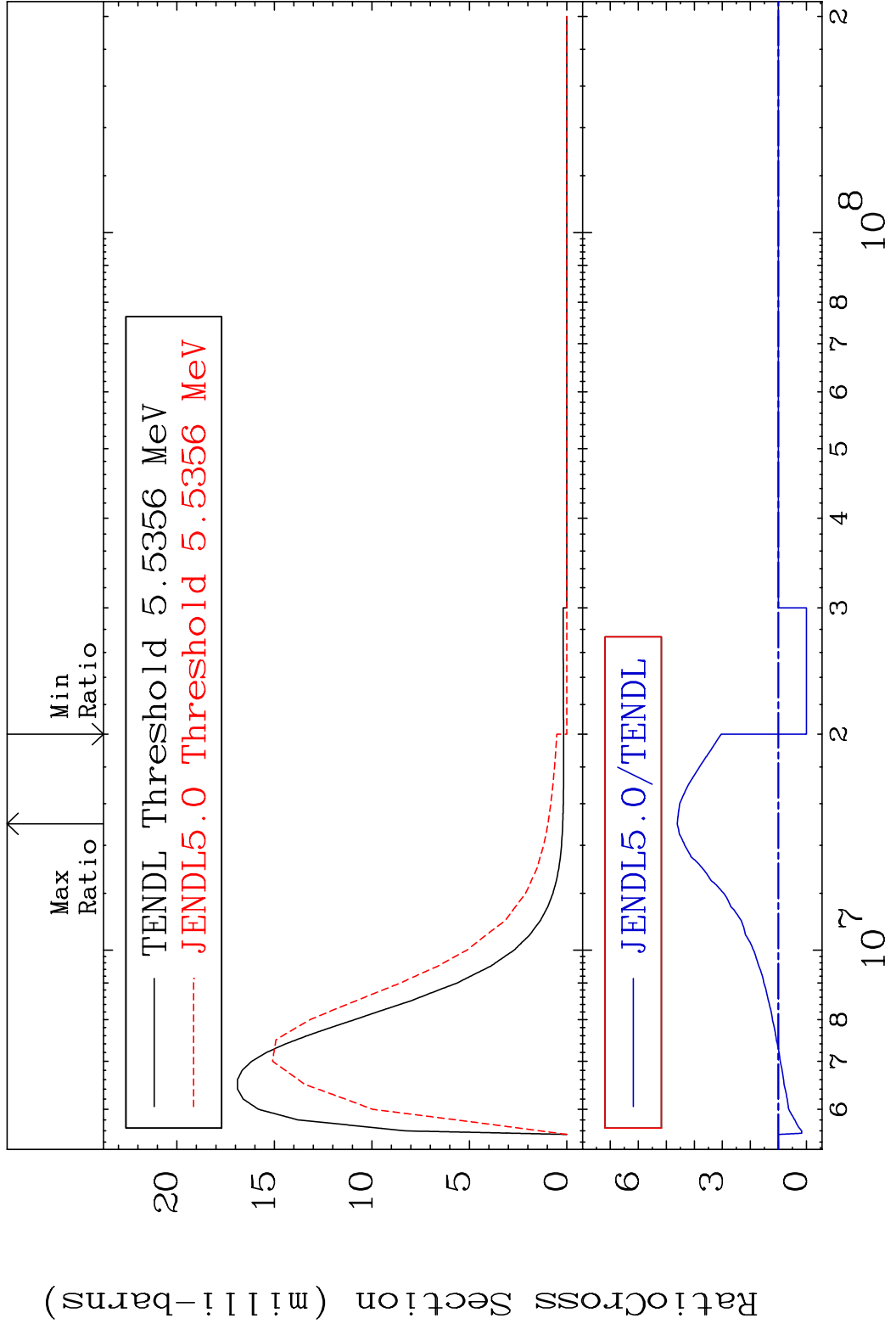


34 20-Ca-46

MAT 2043 MT= 77 (n,n') Level 20-Ca-46
 Cross Section -100.0 To 9999. %

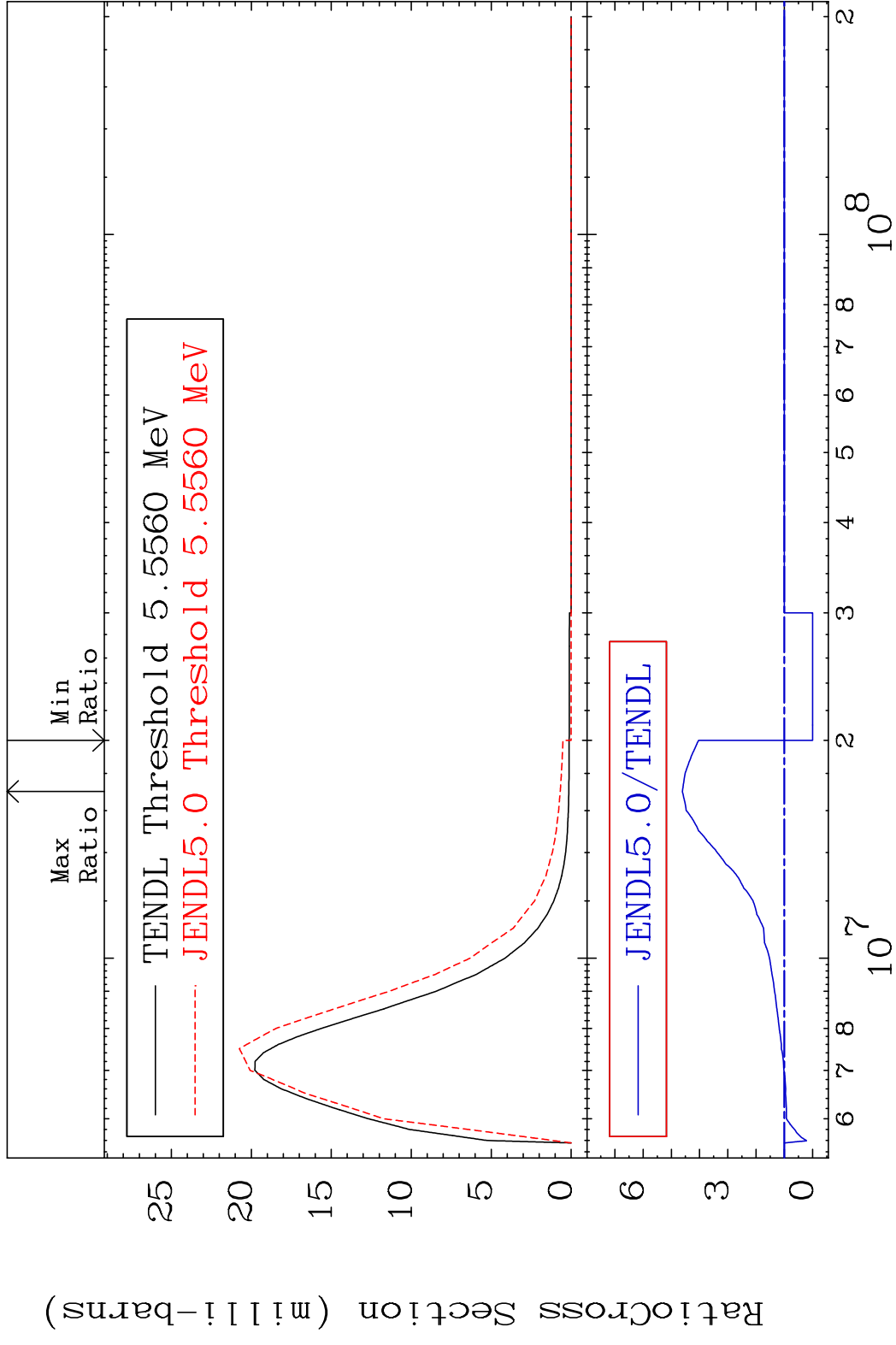


MAT 2043 MT= 78 (n,n') Level 20-Ca-46
 Cross Section -100.0 To 361.3 %

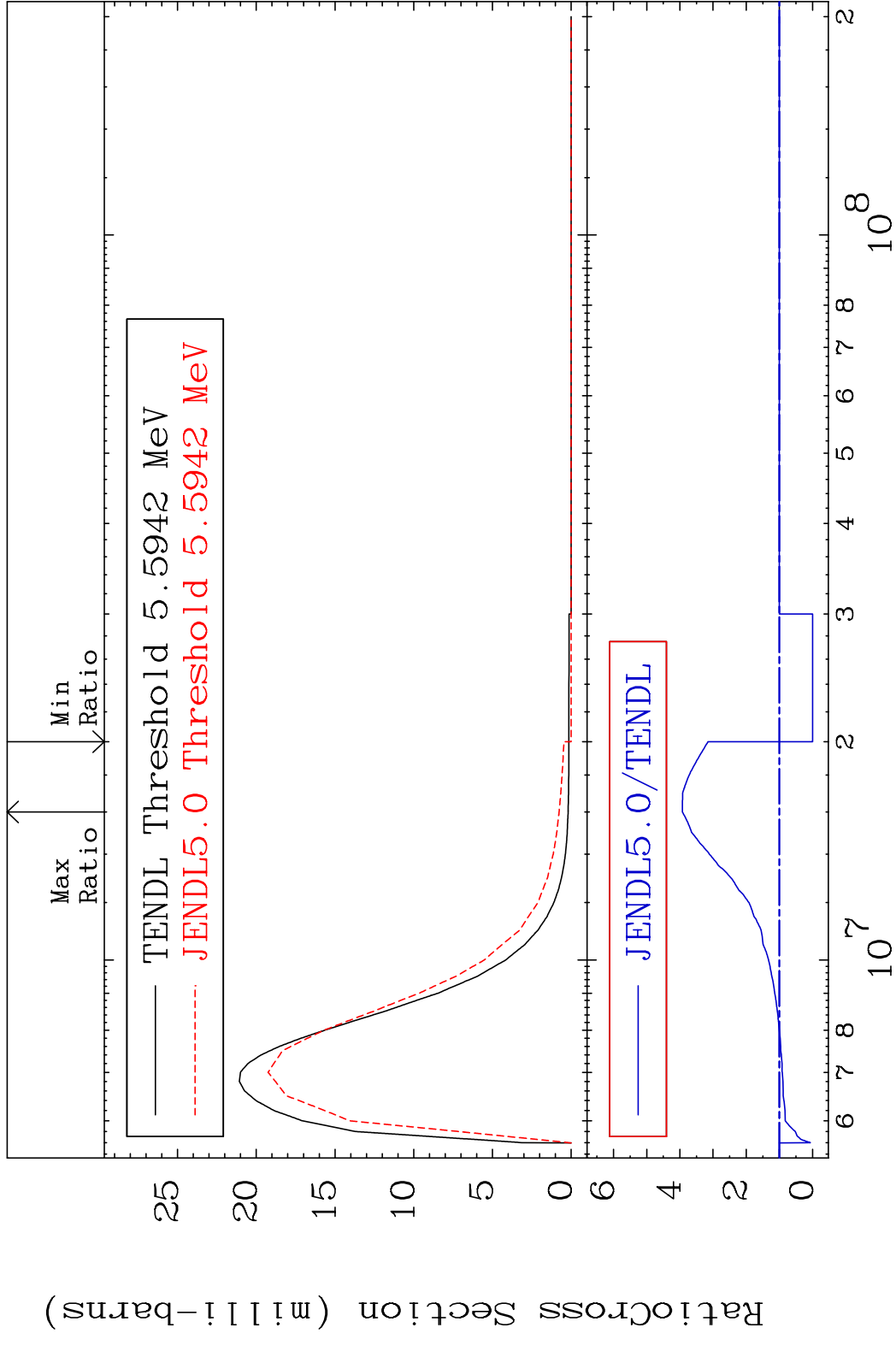


36 Incident Energy (eV) 20-Ca-46

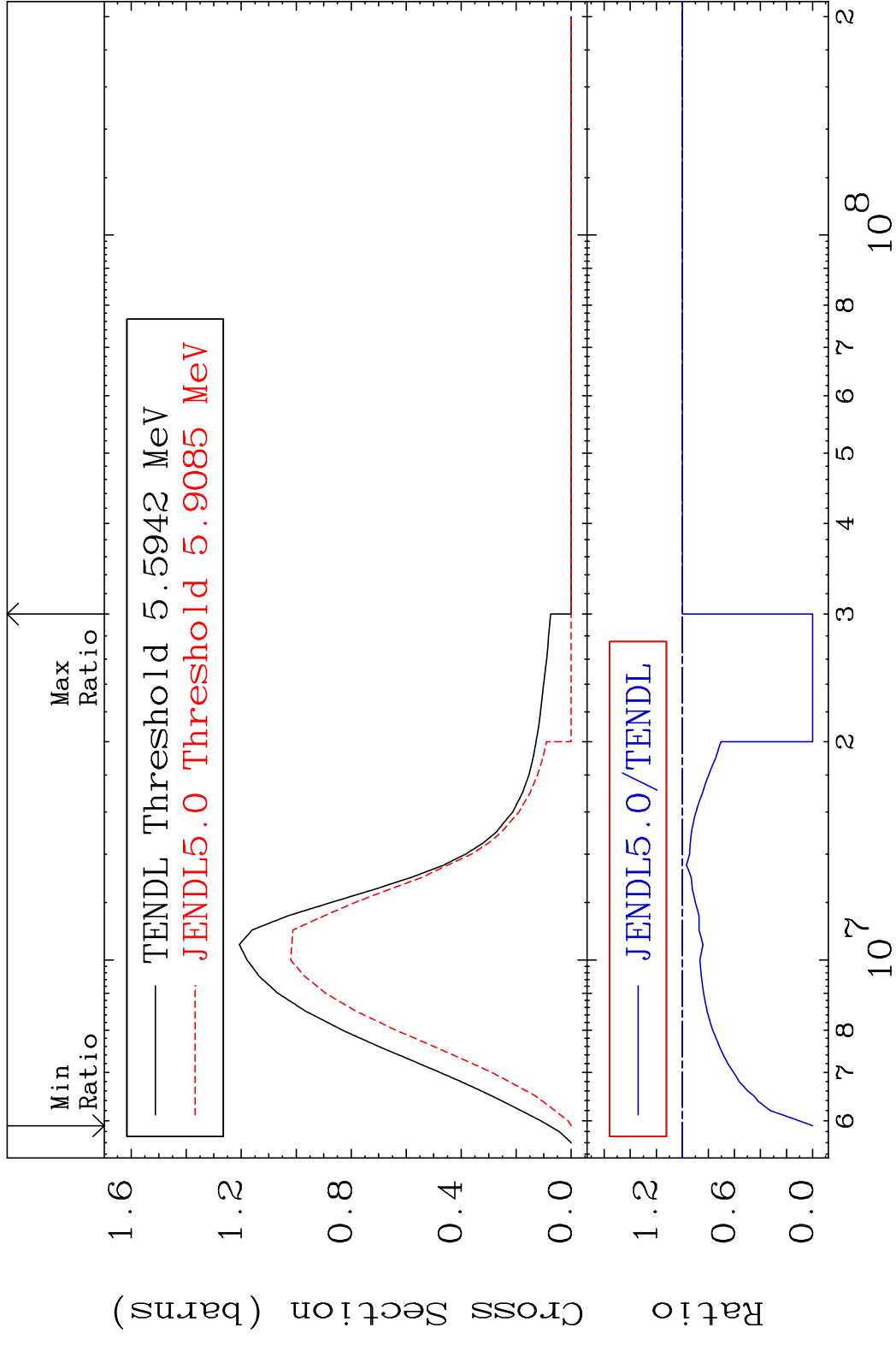
MAT 2043 MT= 79 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 361.0 %



MAT 2043 MT= 80 (n,n') Level 20-Ca-46
 Cross Section -100.0 To 292.5 %



MAT 2043 (n,n') Continuum 20-Ca-46
 Cross Section -100.0 To 0.000 %



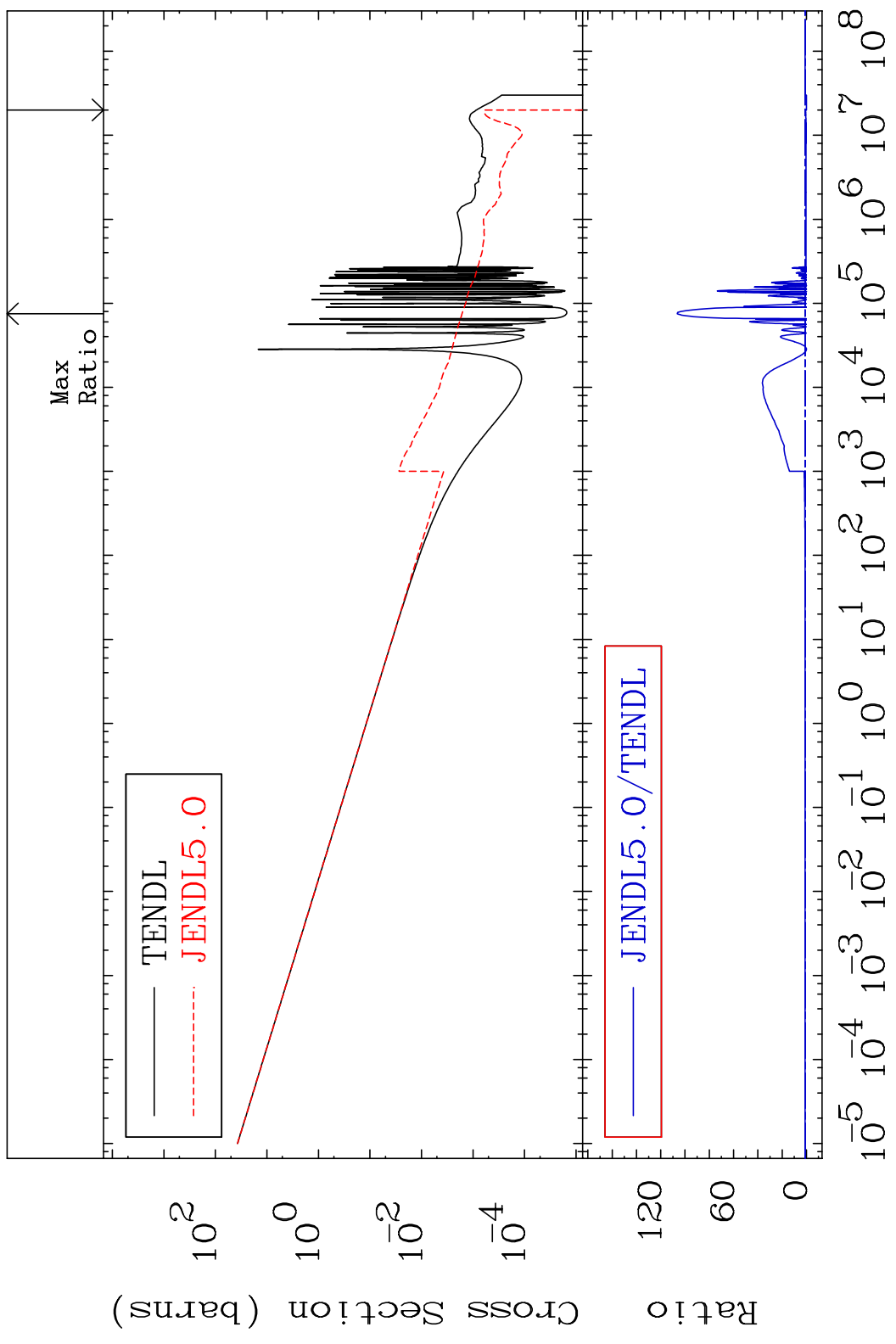
39 Incident Energy (eV) 20-Ca-46

MAT 2043

(n, γ)

20-Ca-46

Cross Section -100.0 To 9999. %

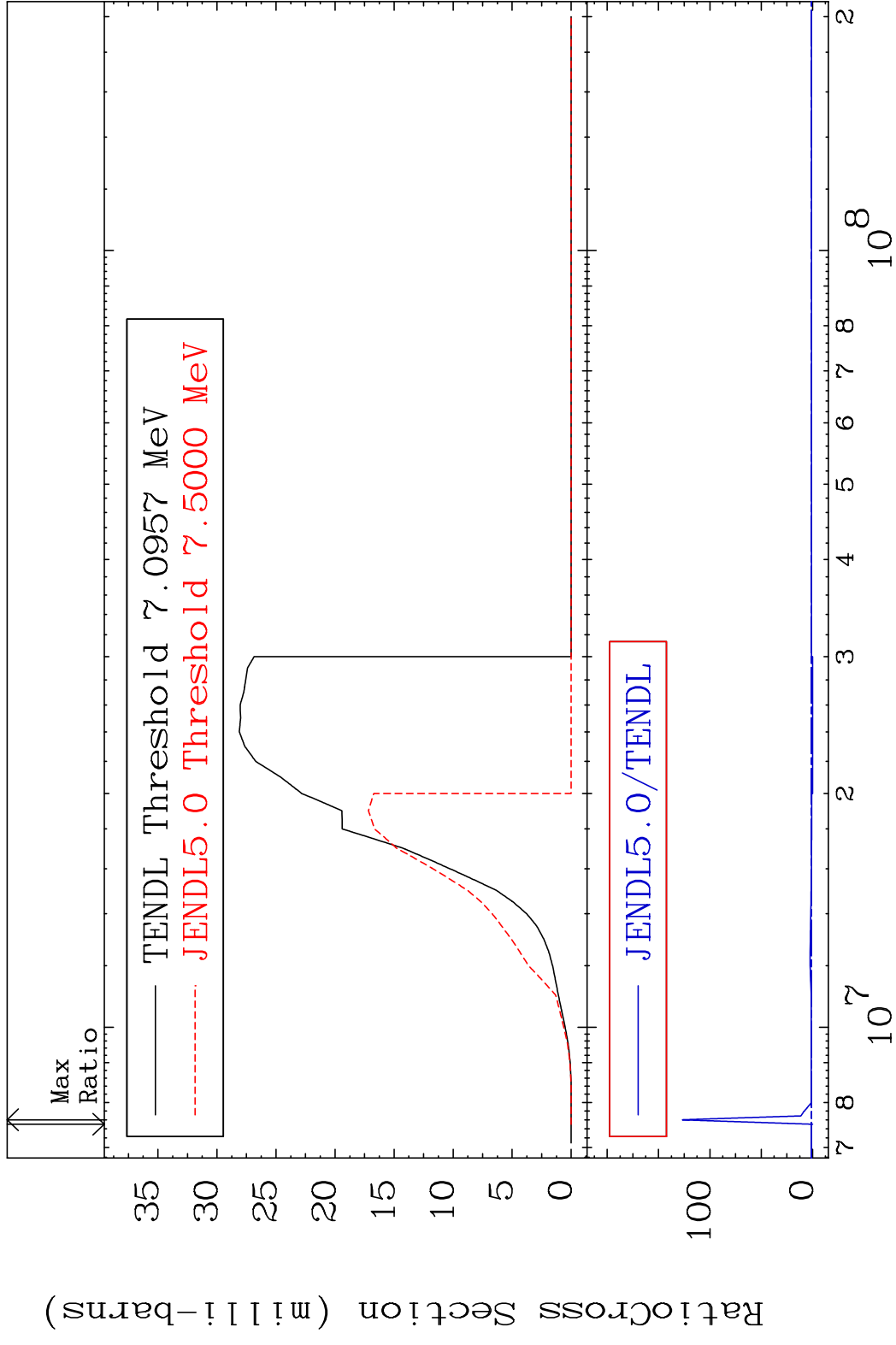


40

Incident Energy (eV)

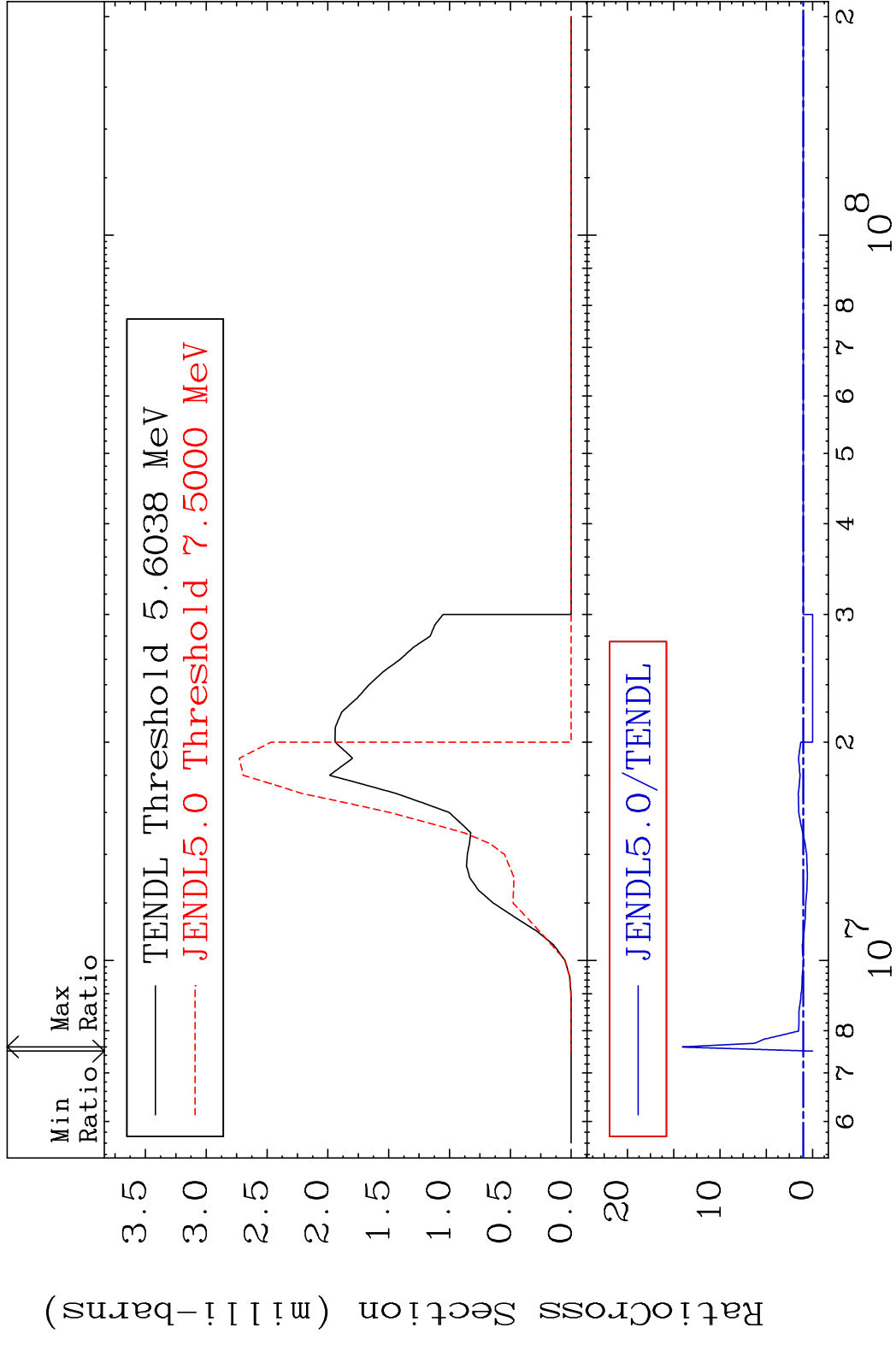
20-Ca-46

MAT 2043 (n,p) 20-Ca-46
 Cross Section -100.0 To 9999. %

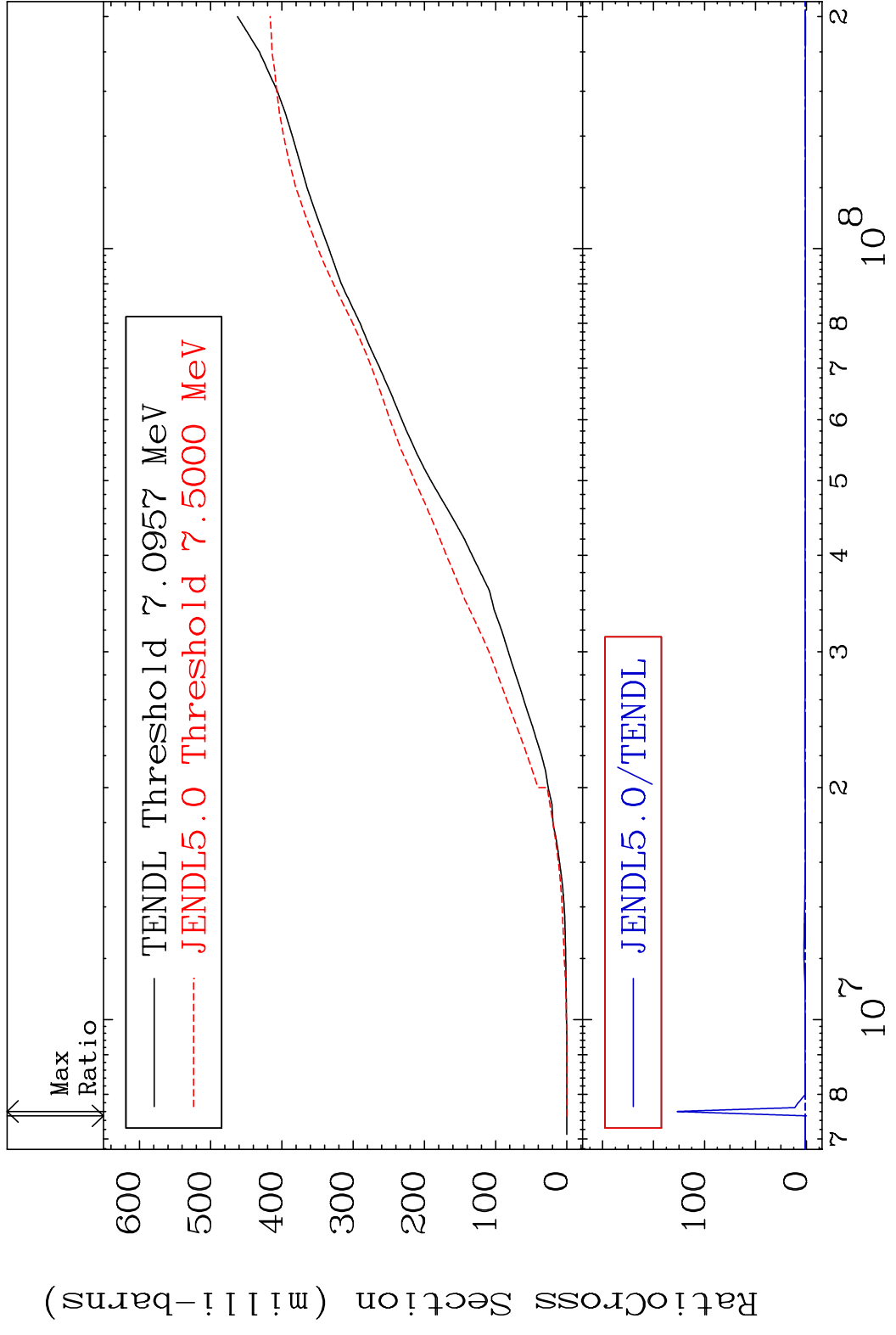


41 20-Ca-46

MAT 2043 (n, α) 20-Ca-46
 Cross Section -100.0 To 1306. %

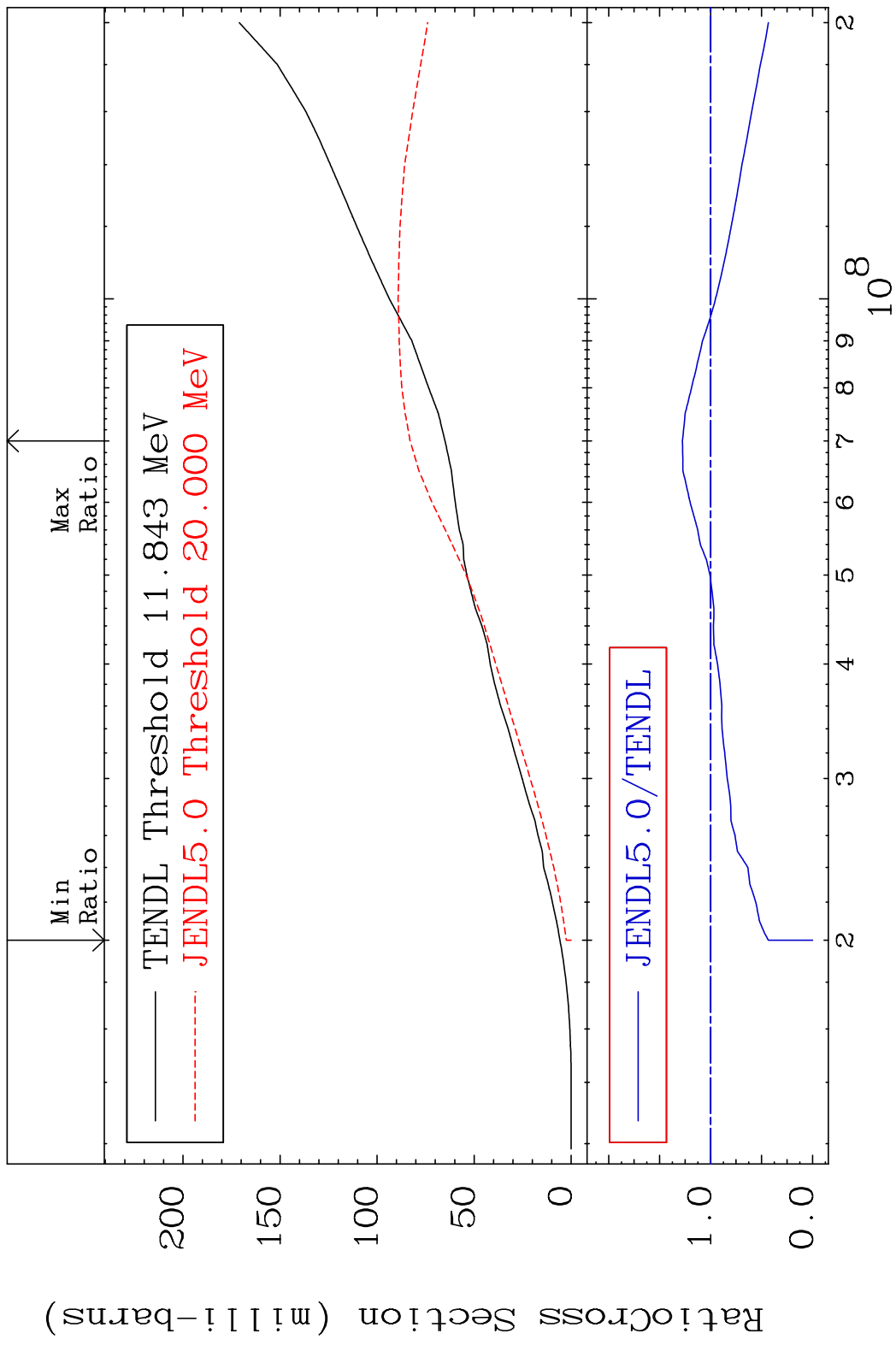


MAT 2043 Hydrogen Production 20-Ca-46
 Cross Section -100.0 To 9999. %



43 Incident Energy (eV) 20-Ca-46

MAT 2043 Deuterium Production $^{20}\text{Ca-46}$
 Cross Section -100.0 To 27.71 %



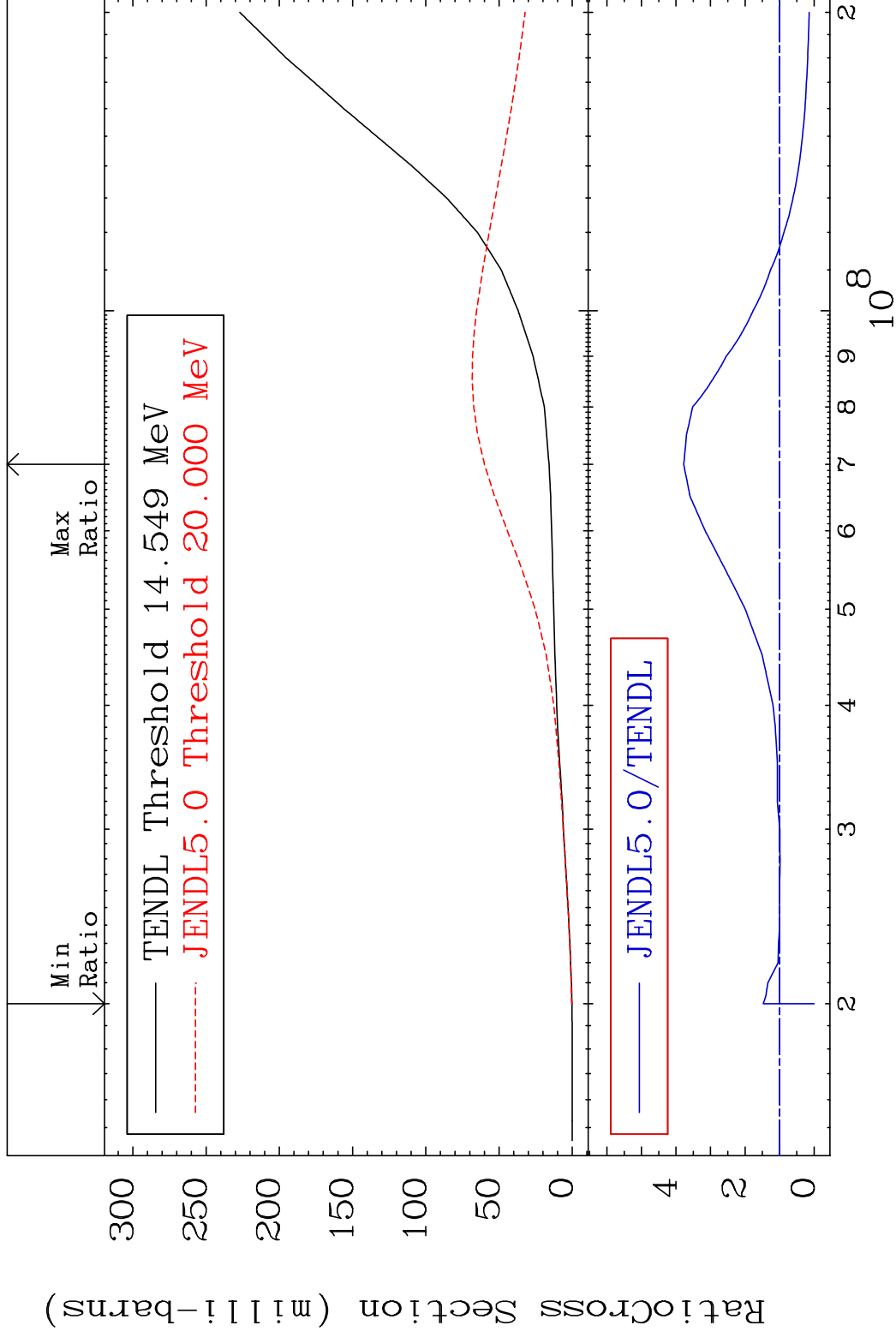
44 $^{20}\text{Ca-46}$

MAT 2043

Tritium Production

20-Ca-46

Cross Section -100.0 To 277.8 %

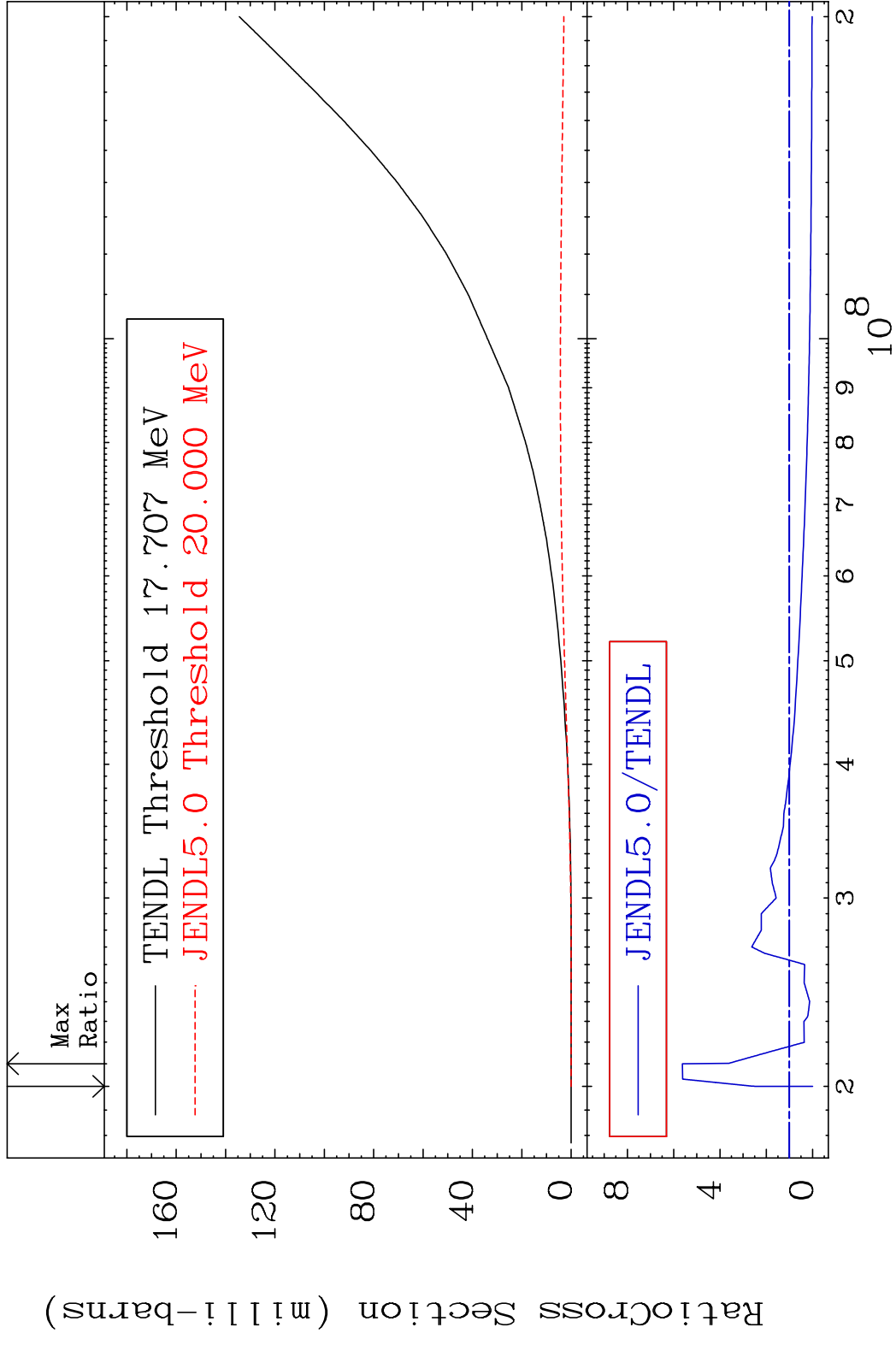


45

Incident Energy (eV)

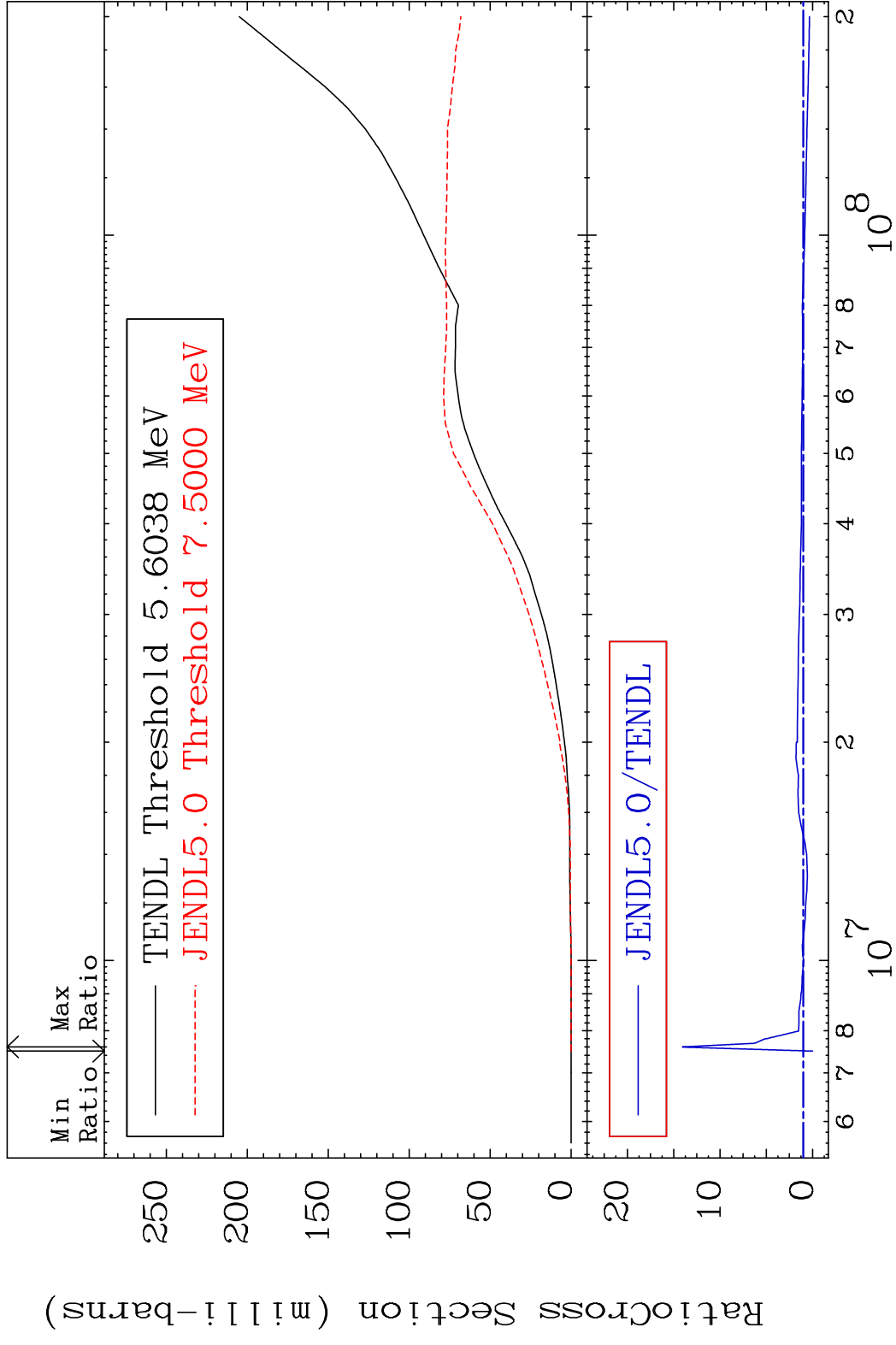
20-Ca-46

MAT 2043 He-3 Production 20-Ca-46
 Cross Section -100.0 To 462.4 %



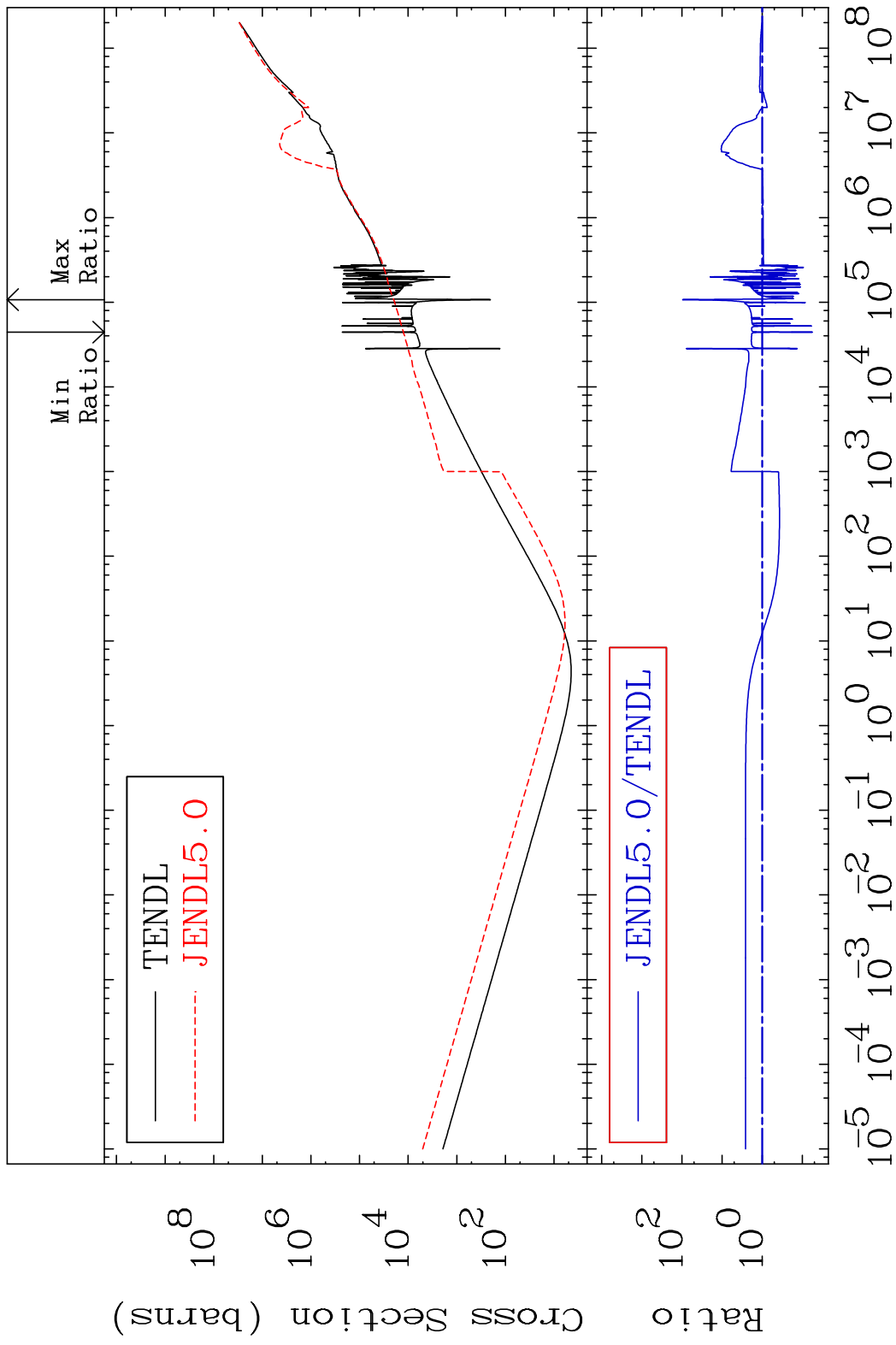
46 20-Ca-46

MAT 2043 He-4 Production 20-Ca-46
 Cross Section -100.0 To 1306. %



47 20-Ca-46

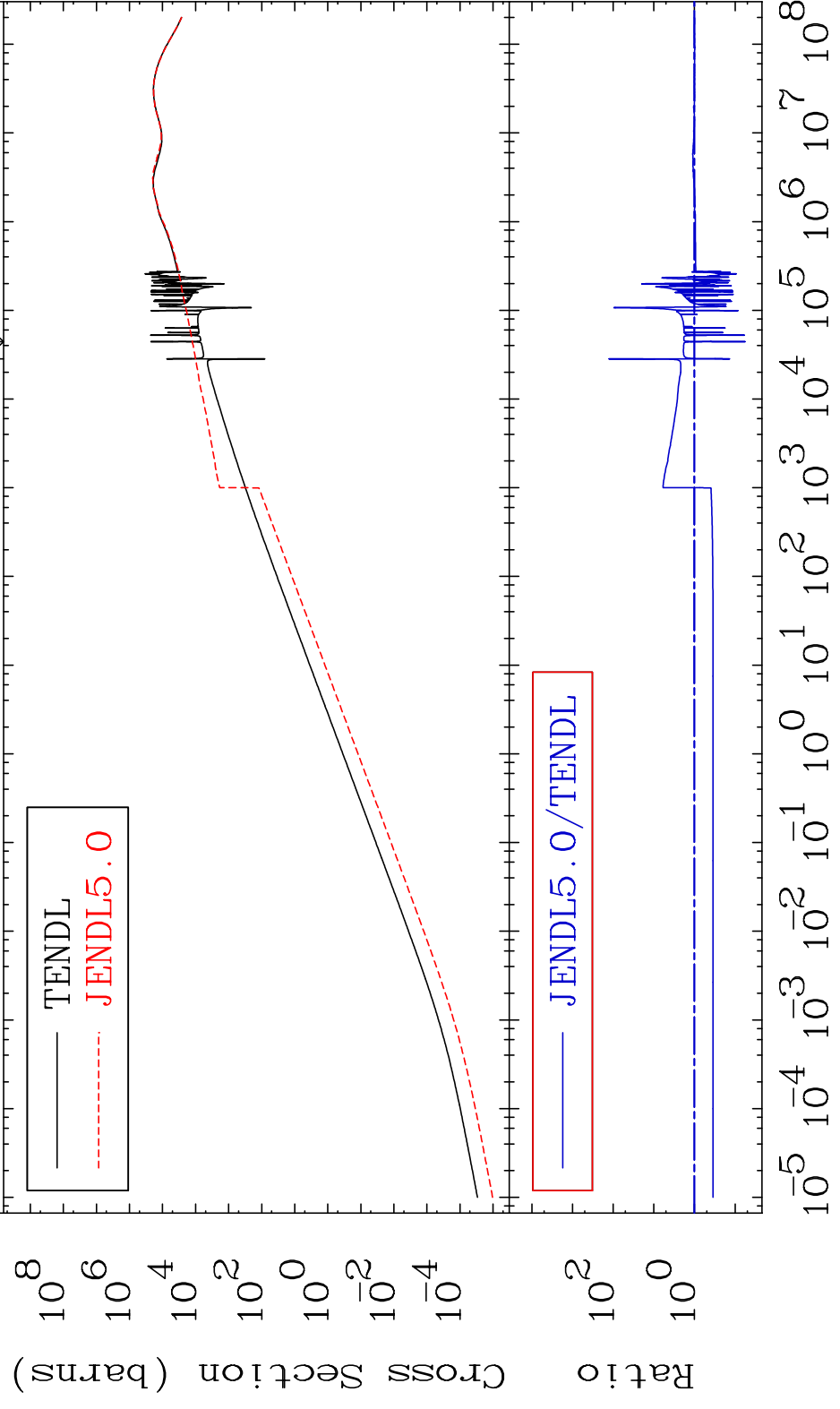
MAT 2043 Kerma total (eV-barns) 20-Ca-46
 Cross Section -94.43 To 9672. %



MAT 2043

Kerma elastic
Cross Section -94.43 To 9999. %

20-Ca-46

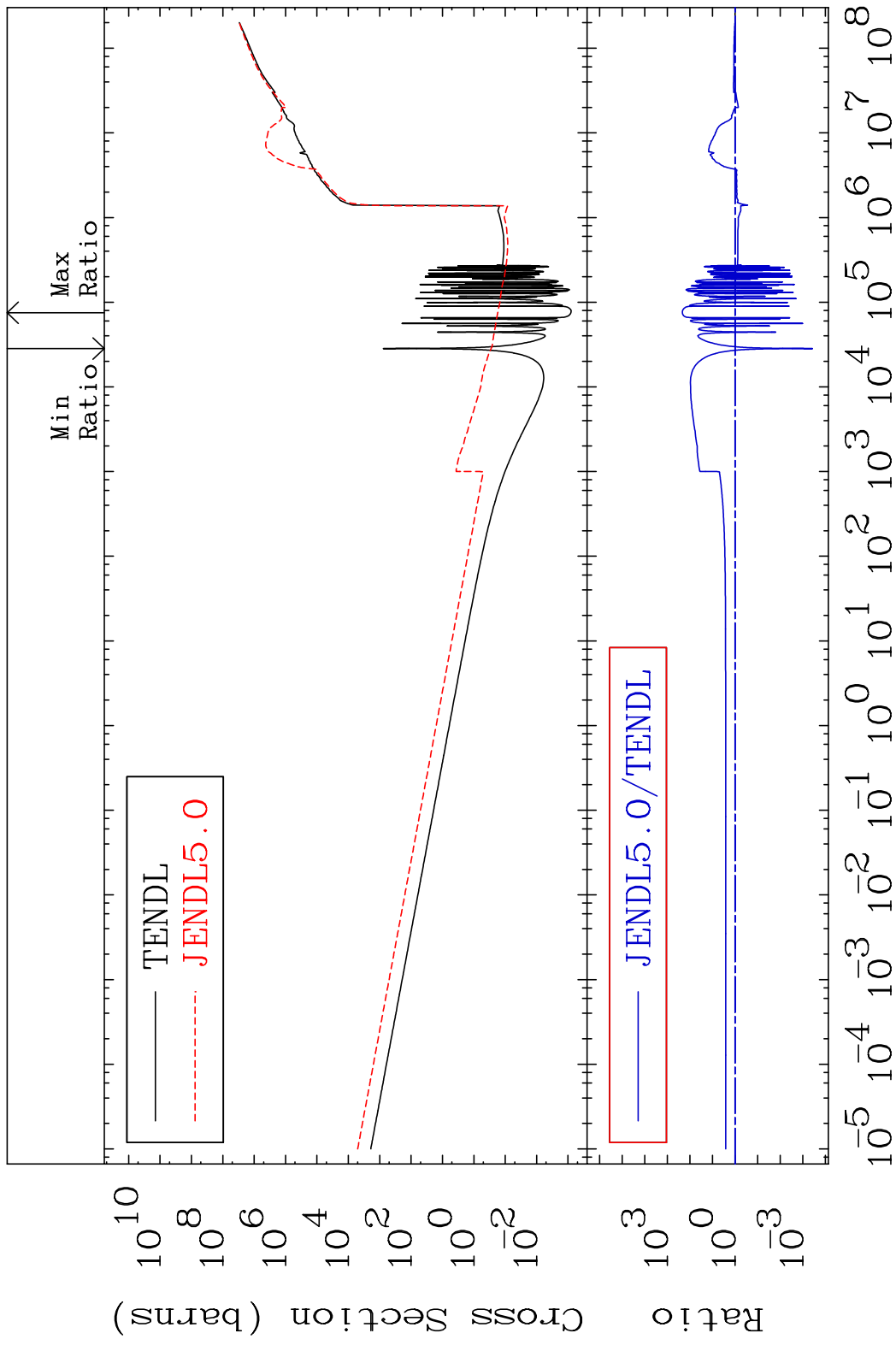


49

Incident Energy (eV)

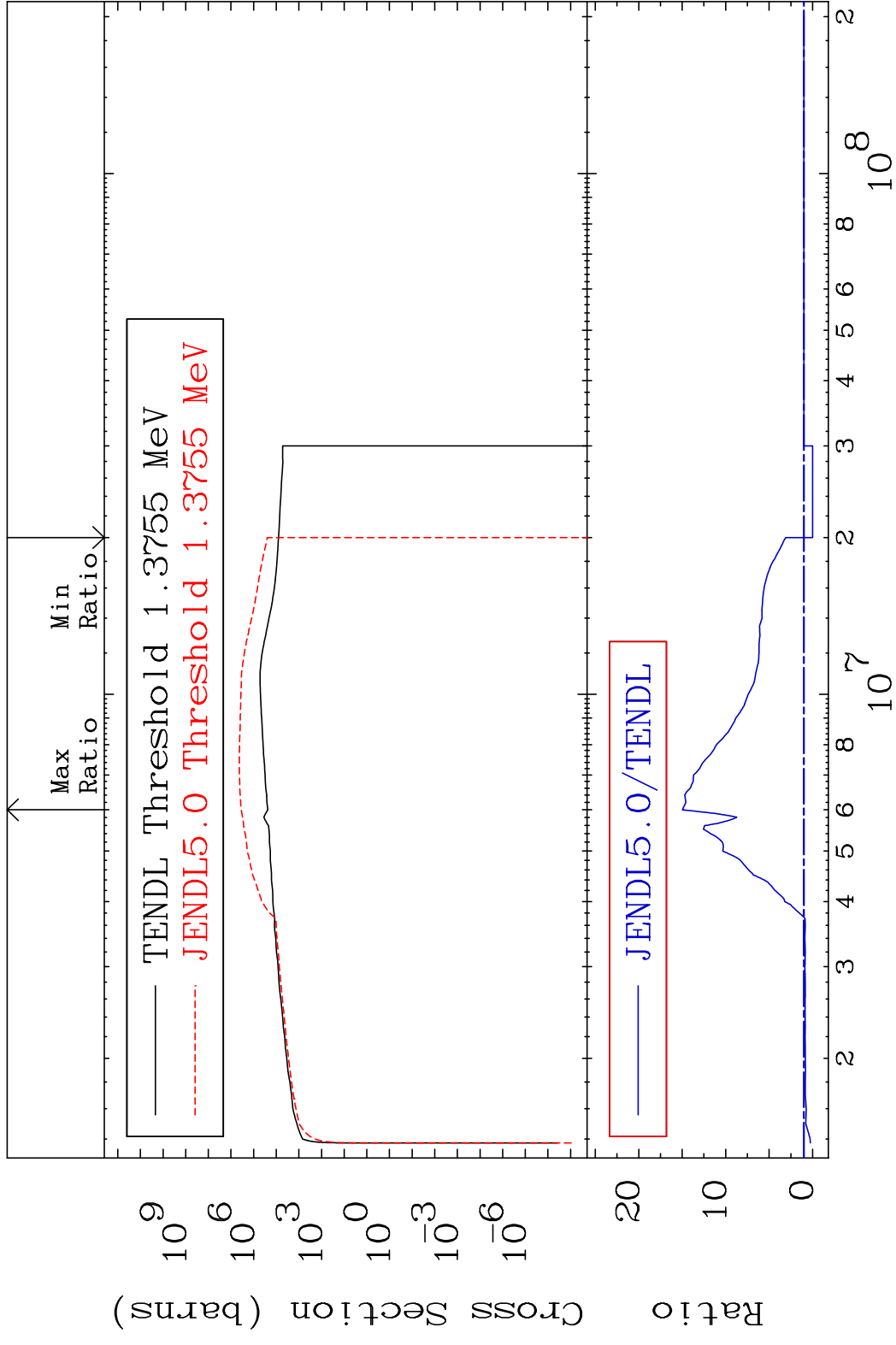
20-Ca-46

MAT 2043 Kerma non-elastic (all but mt2) 20-Ca-46
Cross Section -99.96 To 9999. %

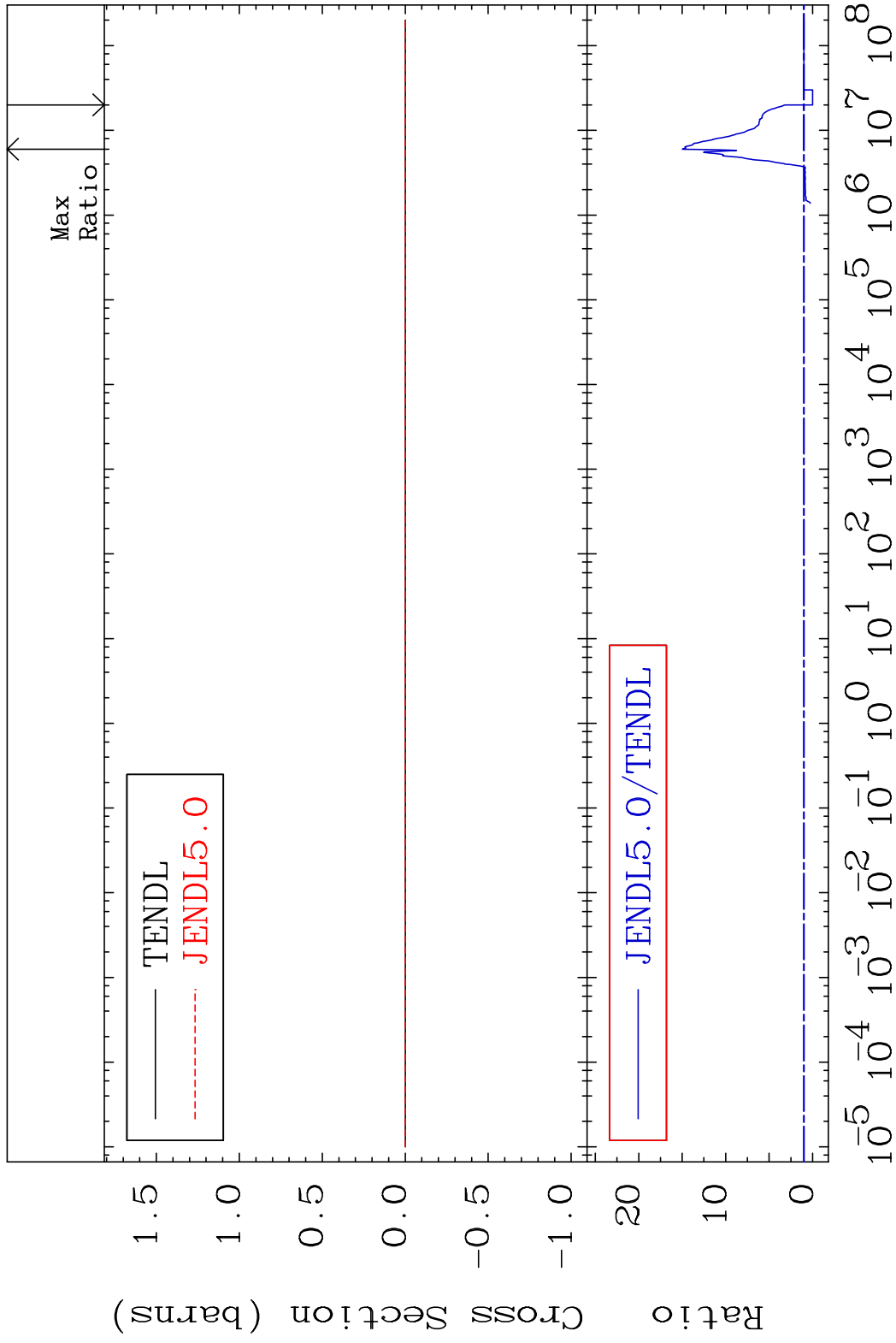


50 Incident Energy (eV) 20-Ca-46

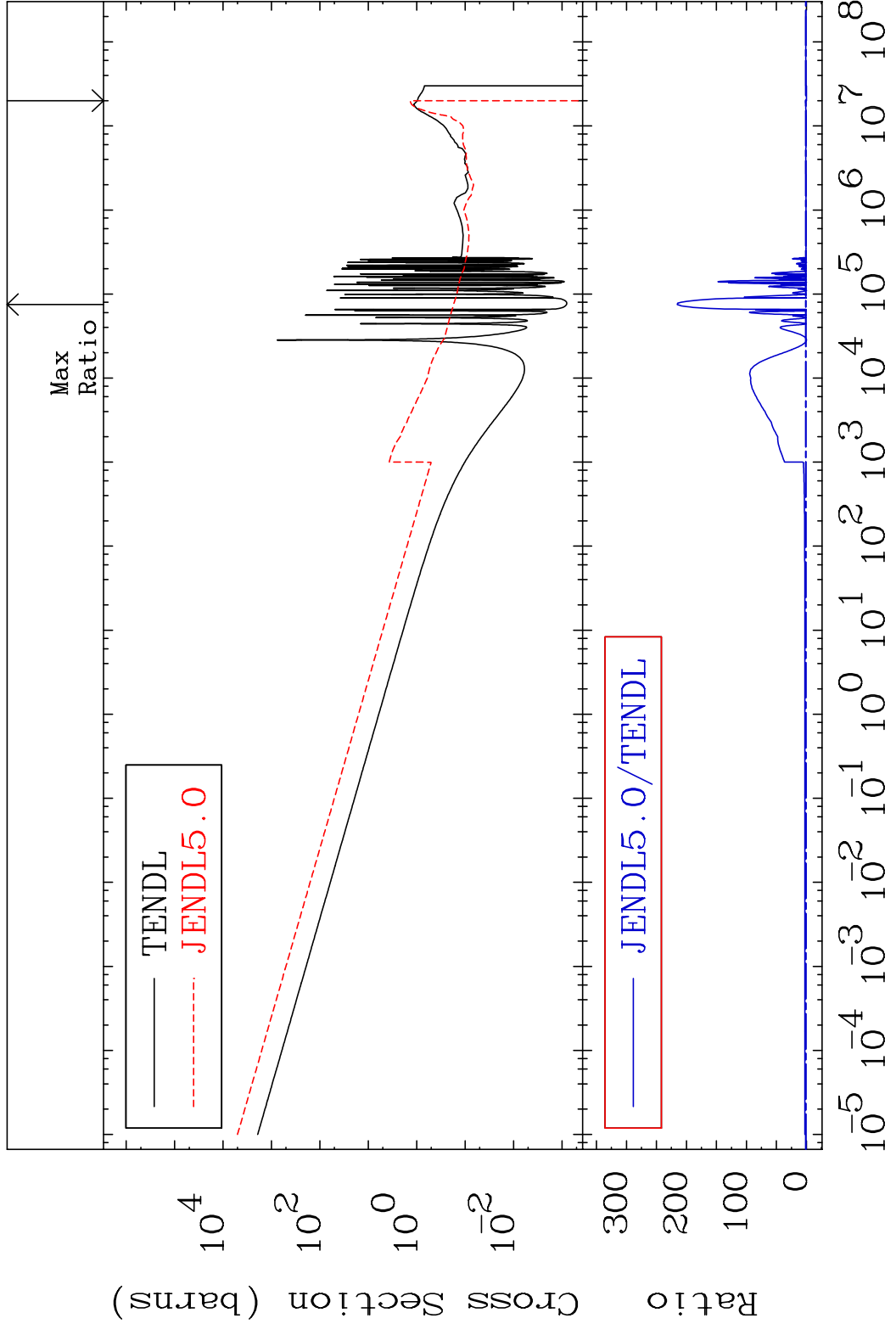
MAT 2043 Kerma inelastic (mt51-91) 20-Ca-46
 Cross Section -100.0 To 1398. %



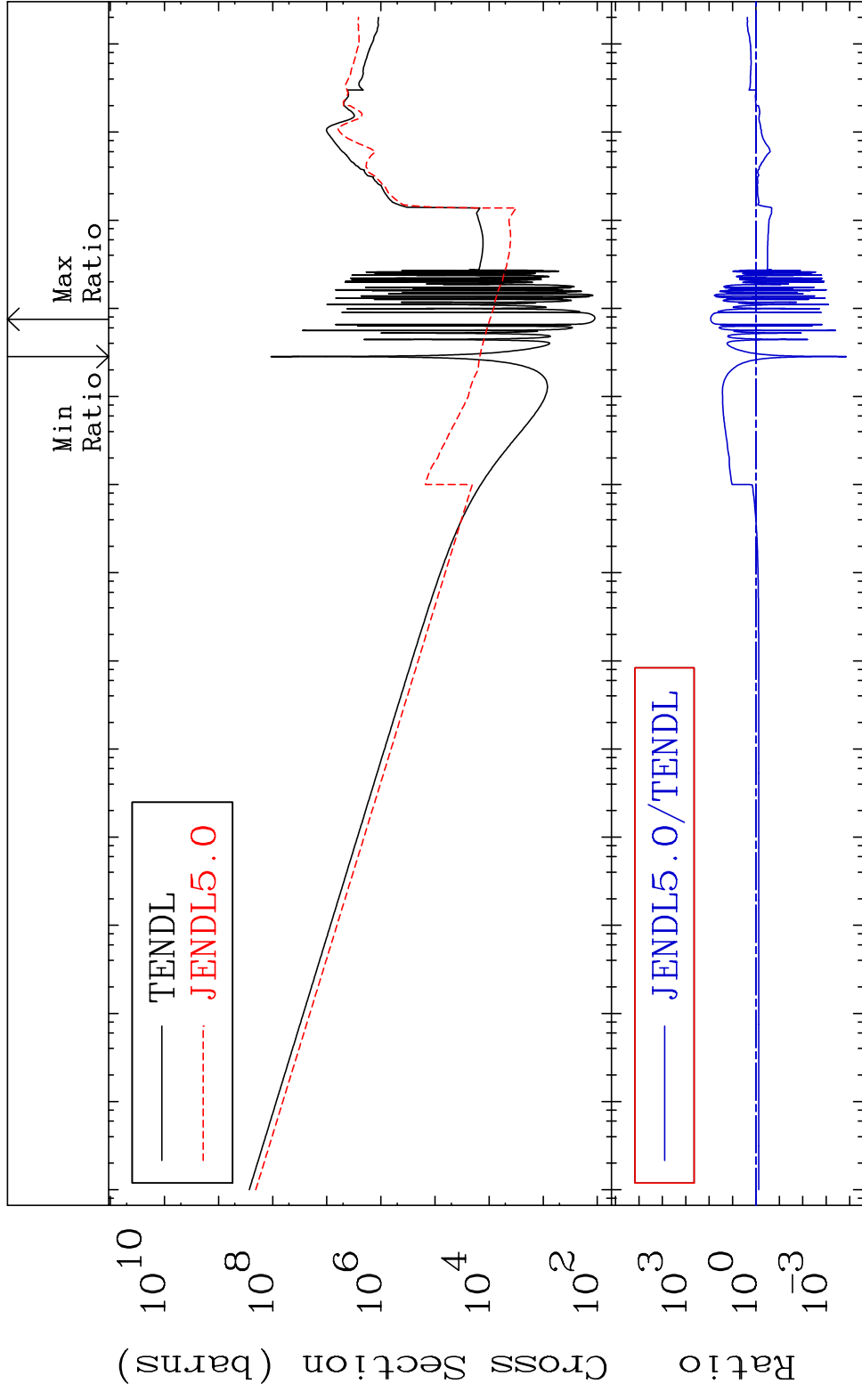
MAT 2043 Kerma fission (mt18 or mt19-20-21-38) 20-Ca-46
 Cross Section -100.0 To 1398. %



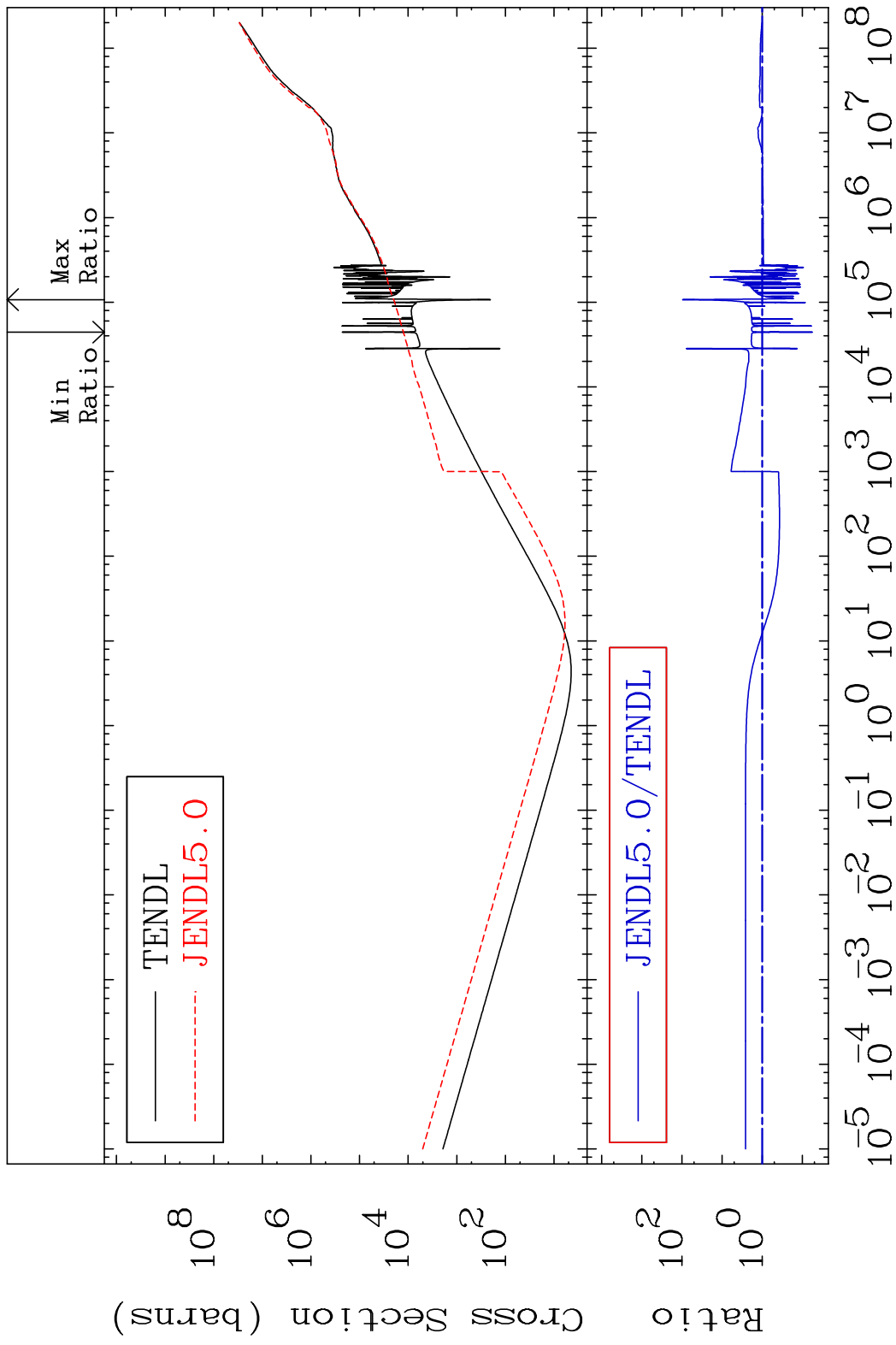
MAT 2043 Kerma capture (mt102) 20-Ca-46
 Cross Section -100.0 To 9999. %



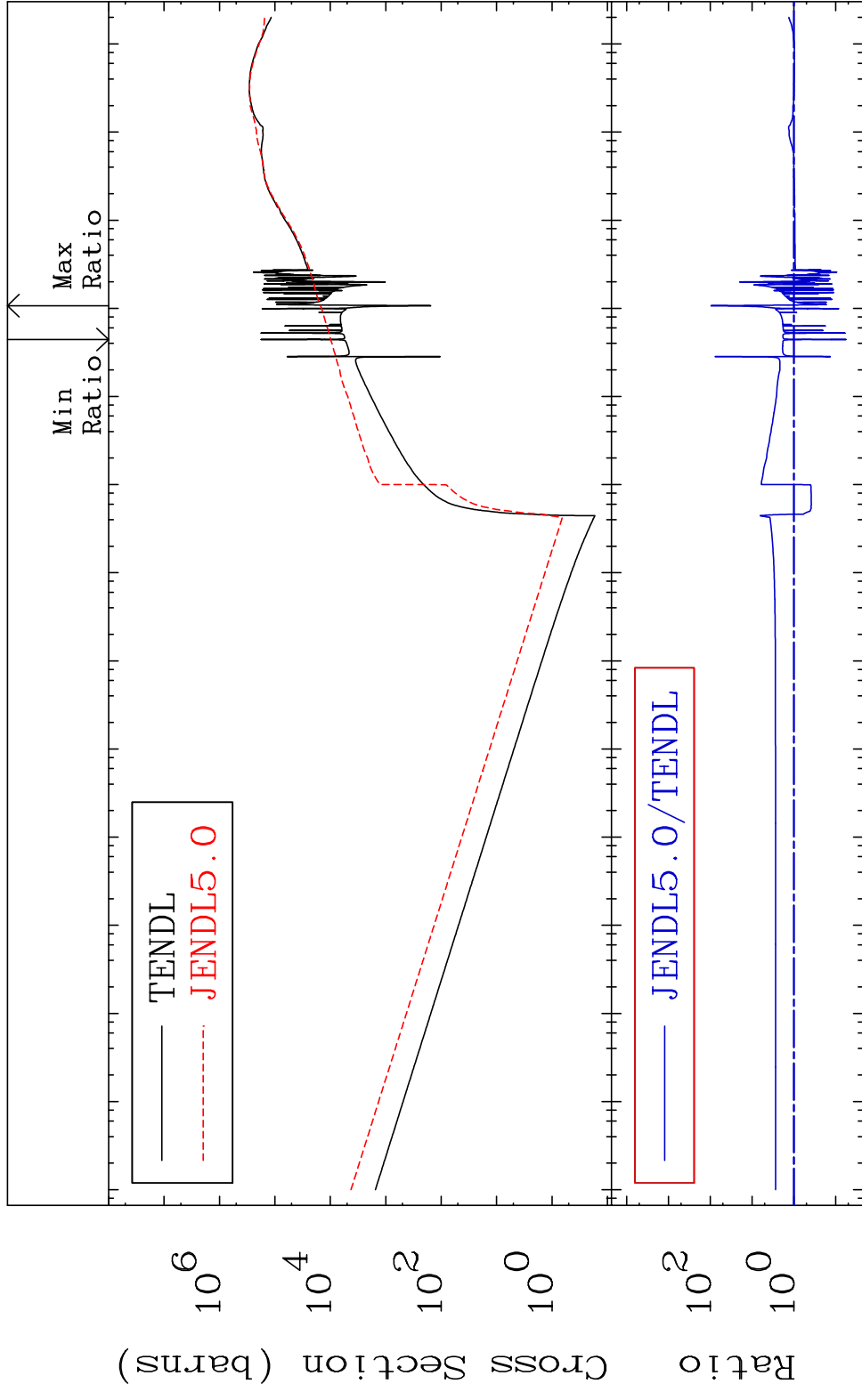
53 Incident Energy (eV) 20-Ca-46



MAT 2043 Total kinematic kerma (high limit) 20-Ca-46
 Cross Section -94.43 To 9672. %



MAT 2043 Dpa total (eV-barns) 20-Ca-46
 Cross Section -94.43 To 9673. %

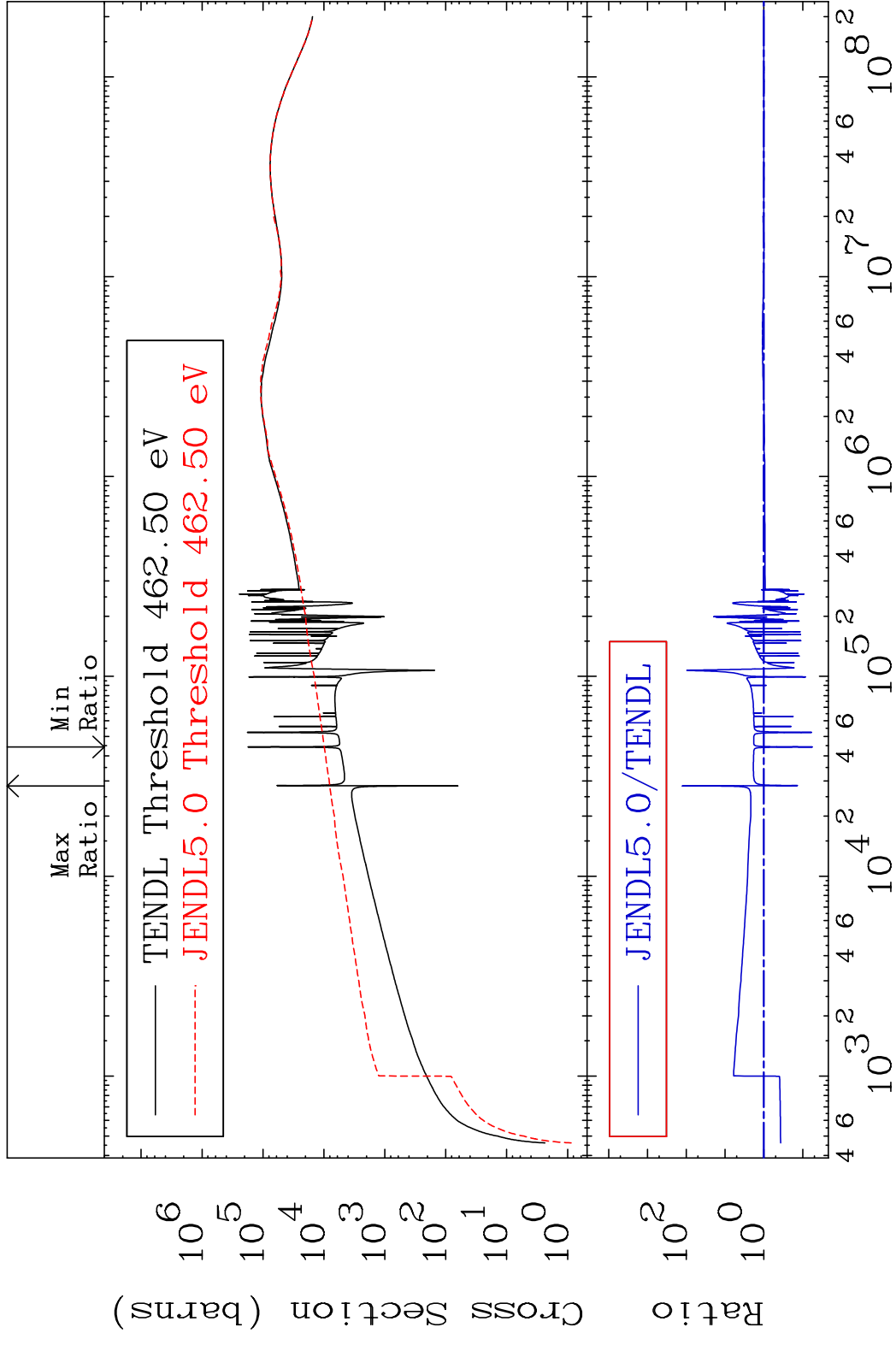


MAT 2043

Dpa elastic (mt2)

20-Ca-46

Cross Section -94.43 To 9999. %

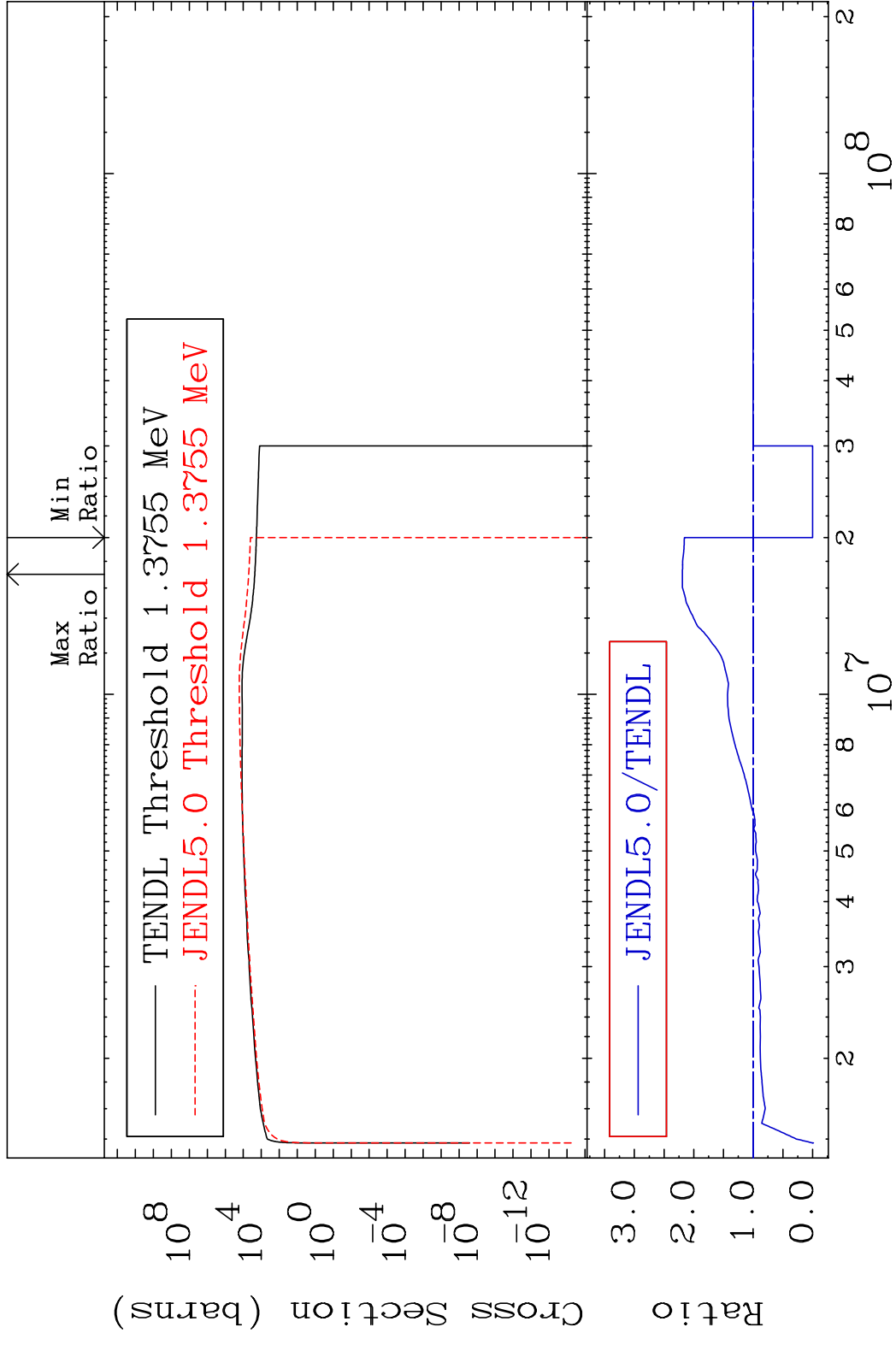


57

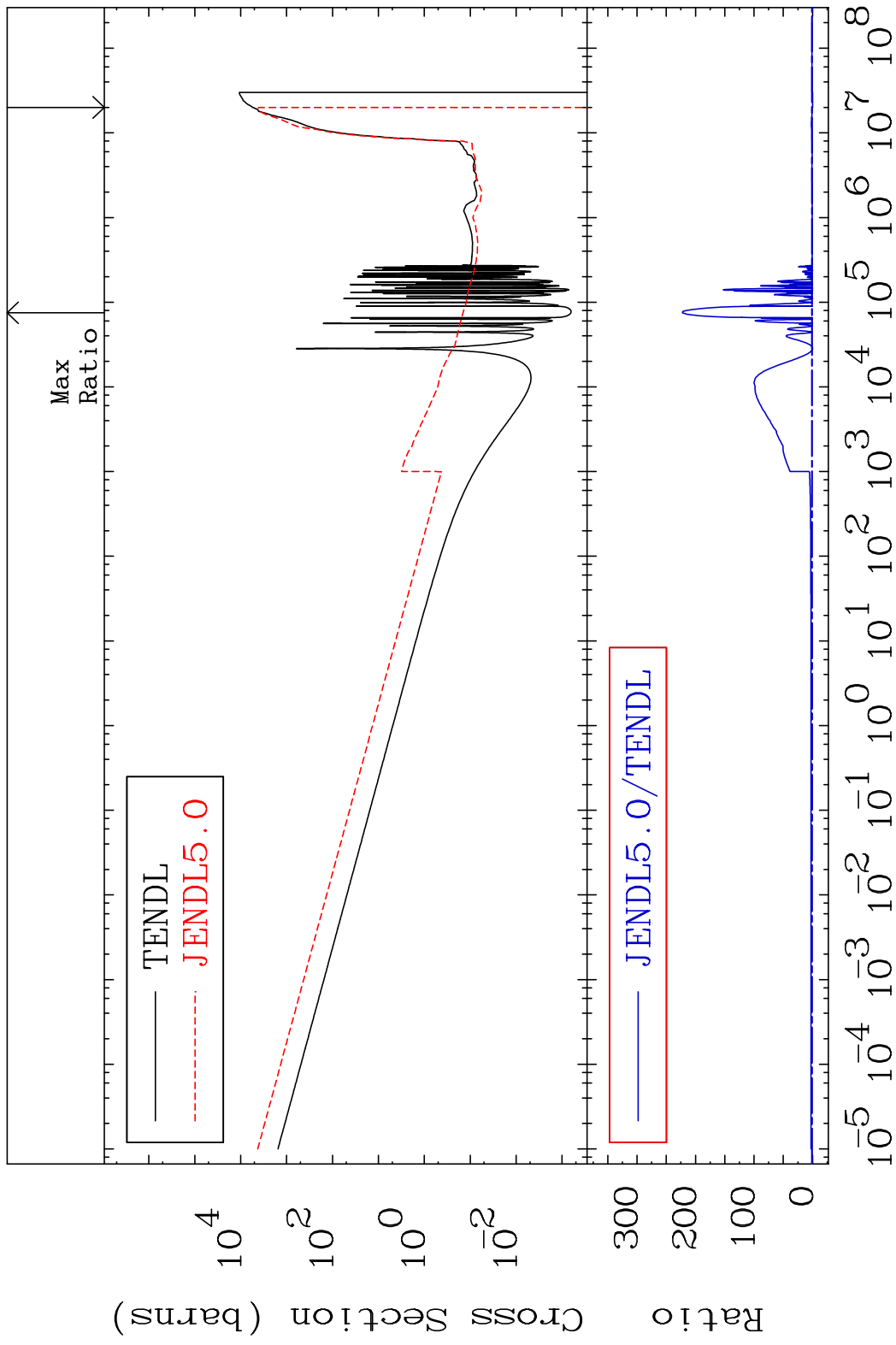
Incident Energy (eV)

20-Ca-46

MAT 2043 Dpa inelastic (mt51-91) 20-Ca-46
 Cross Section -100.0 To 119.2 %



MAT 2043 Dpa disappearance (mt102 -120) 20-Ca-46
 Cross Section -100.0 To 9999. %

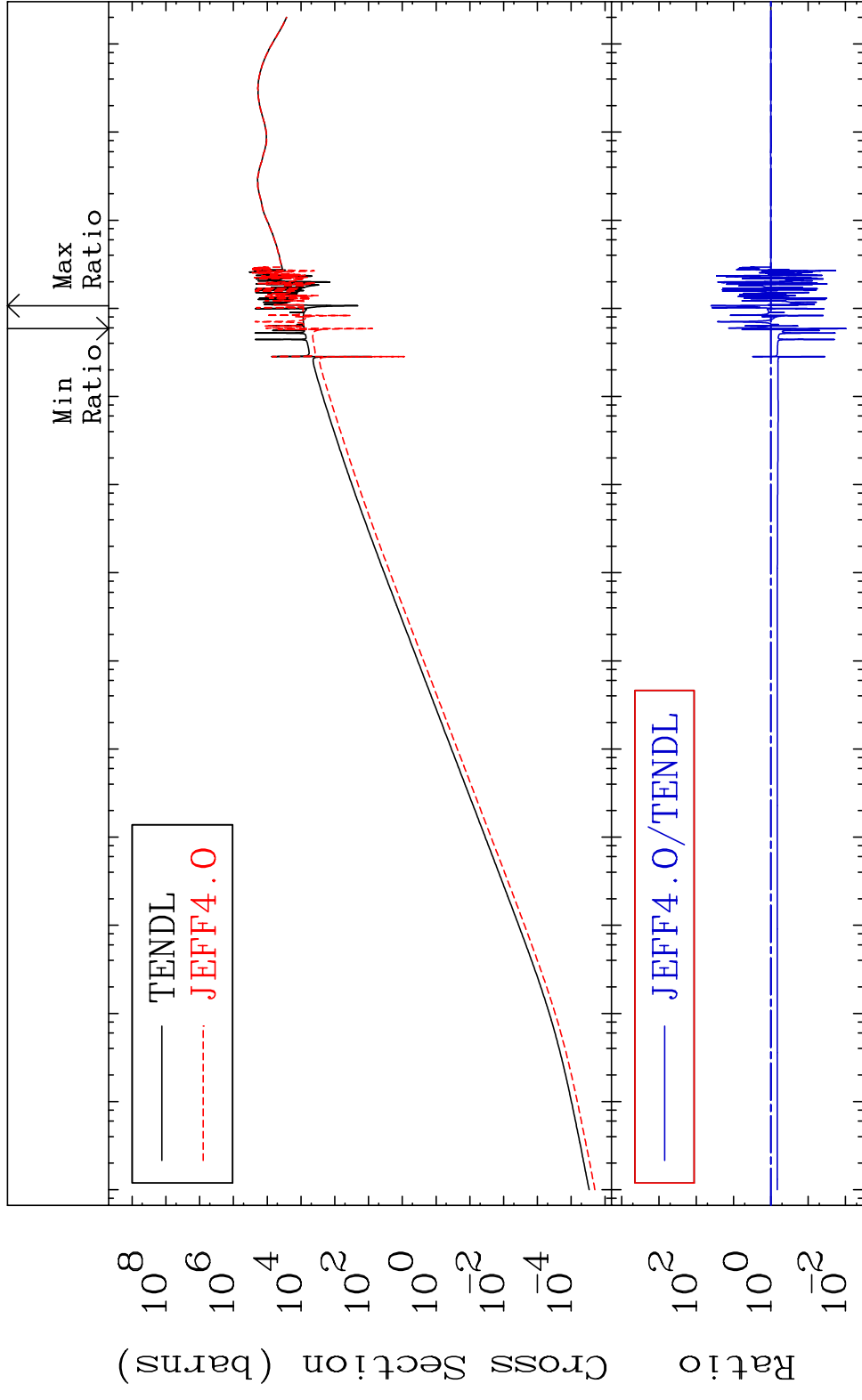


59 Incident Energy (eV) 20-Ca-46

MAT 2043

Kerma elastic
Cross Section -99.05 To 3994. %

20-Ca-46



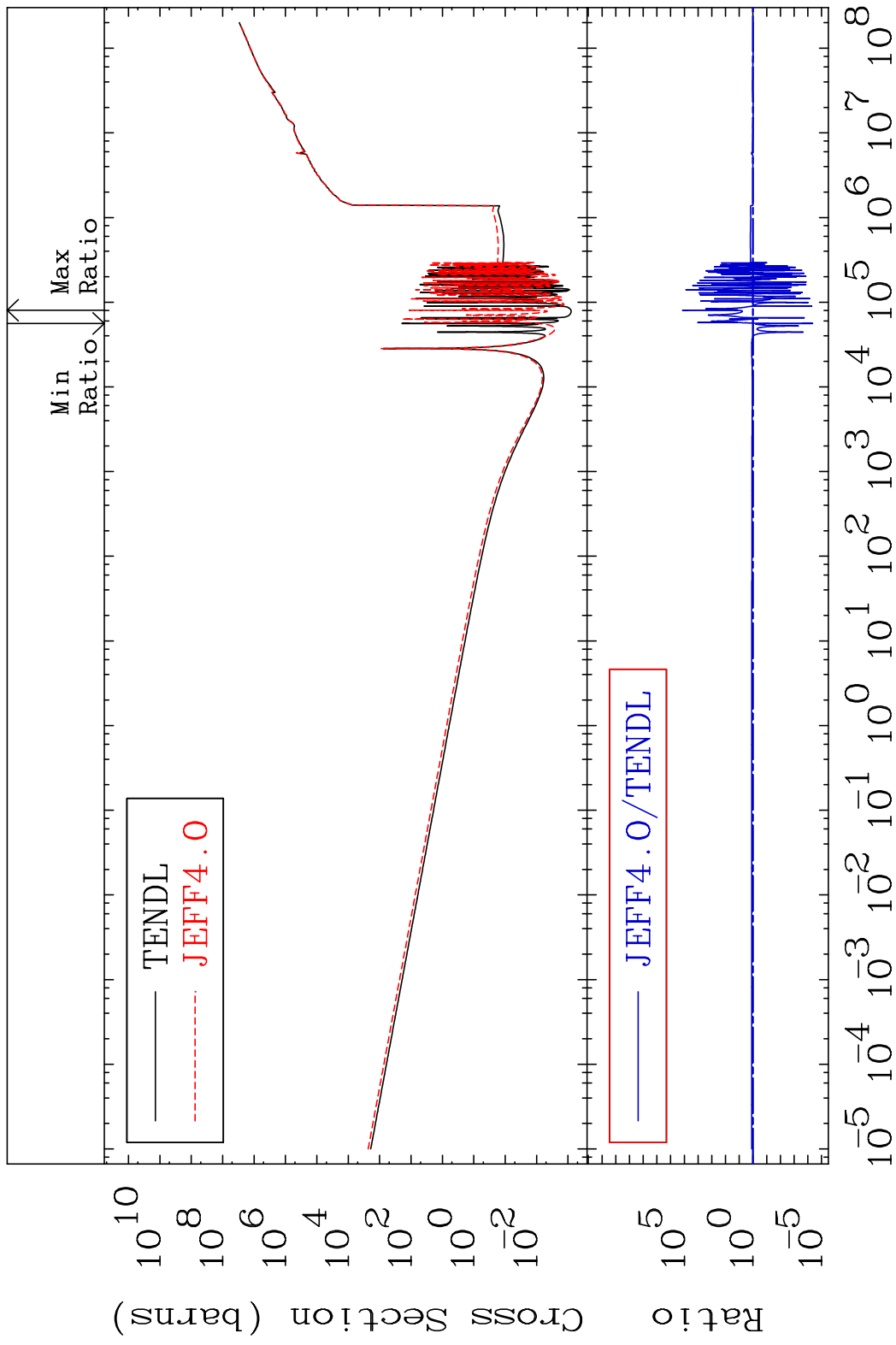
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

60

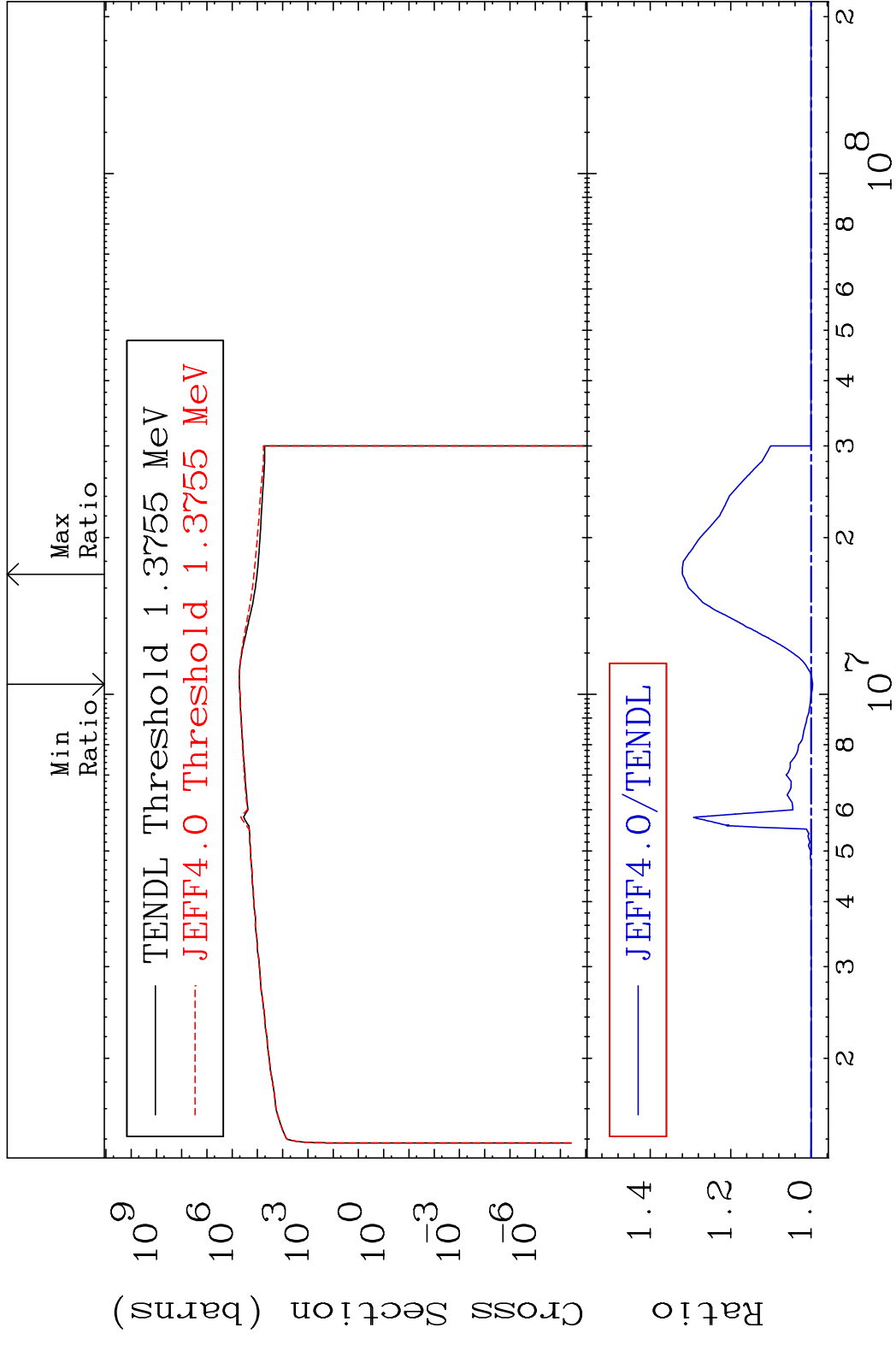
Incident Energy (eV)

20-Ca-46

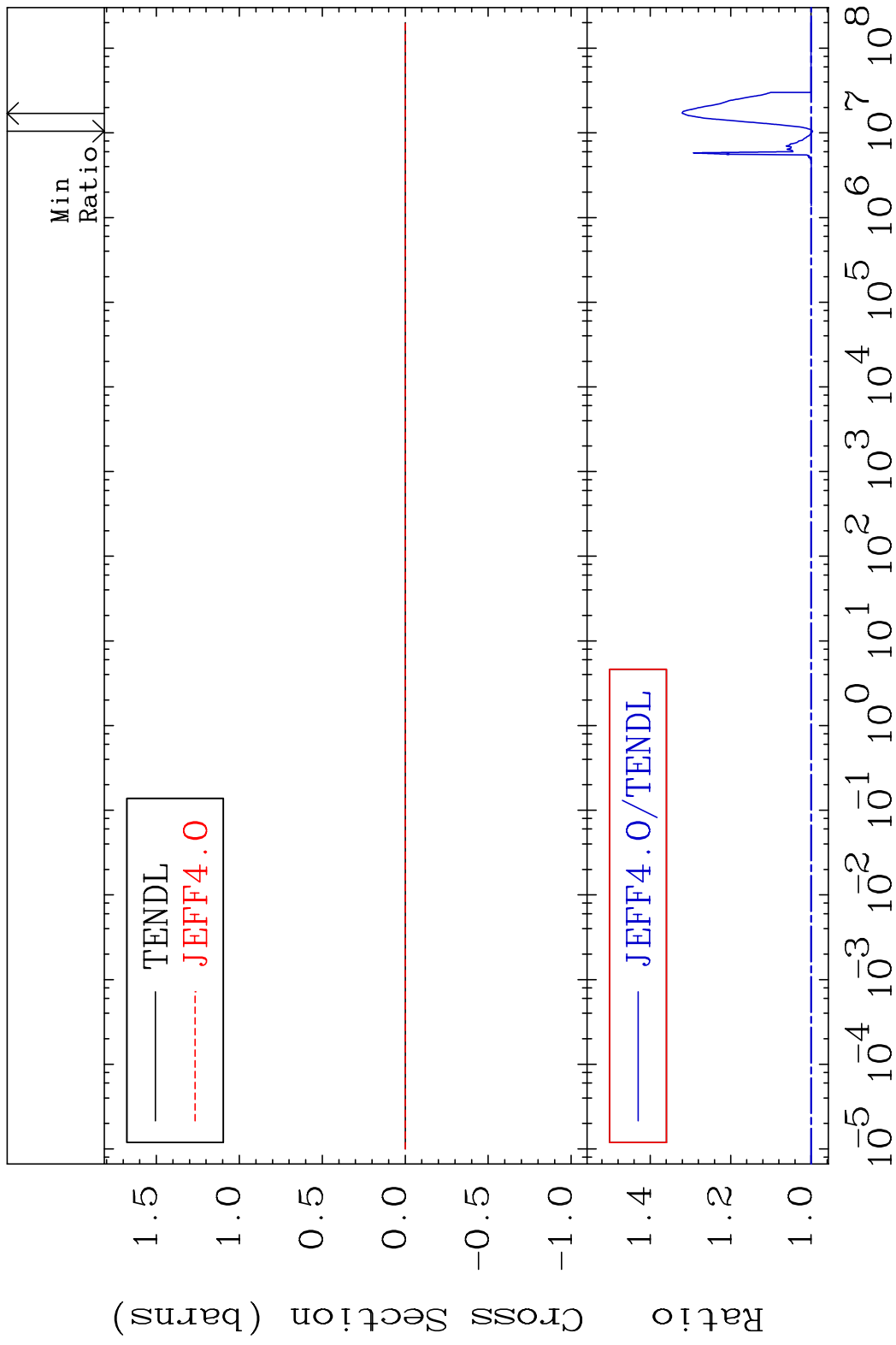
MAT 2043 Kerma non-elastic (all but mt2) 20-Ca-46
 Cross Section -100.0 To 9999. %

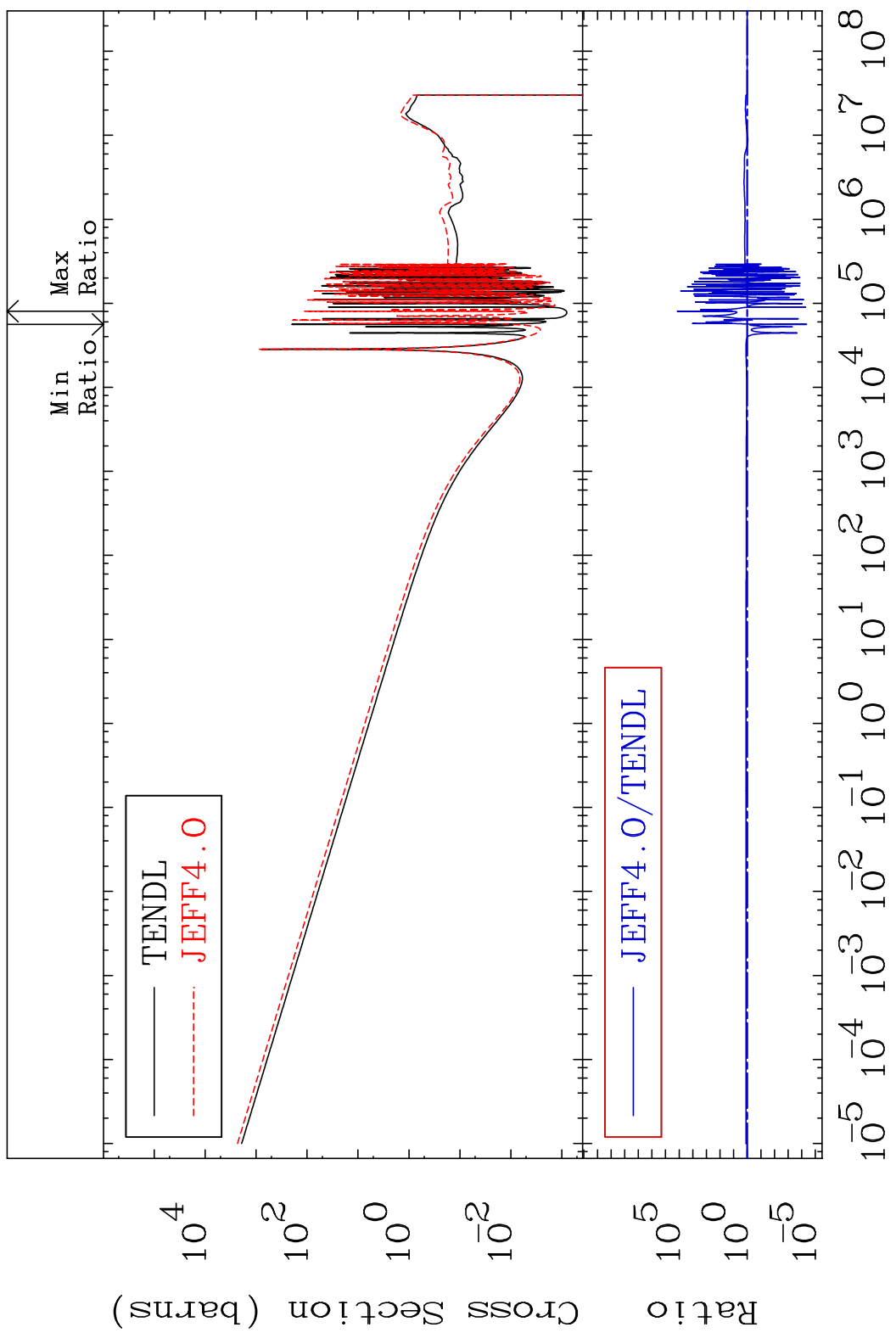


MAT 2043 Kerma inelastic (mt51-91) 20-Ca-46
 Cross Section -0.365 To 32.00 %

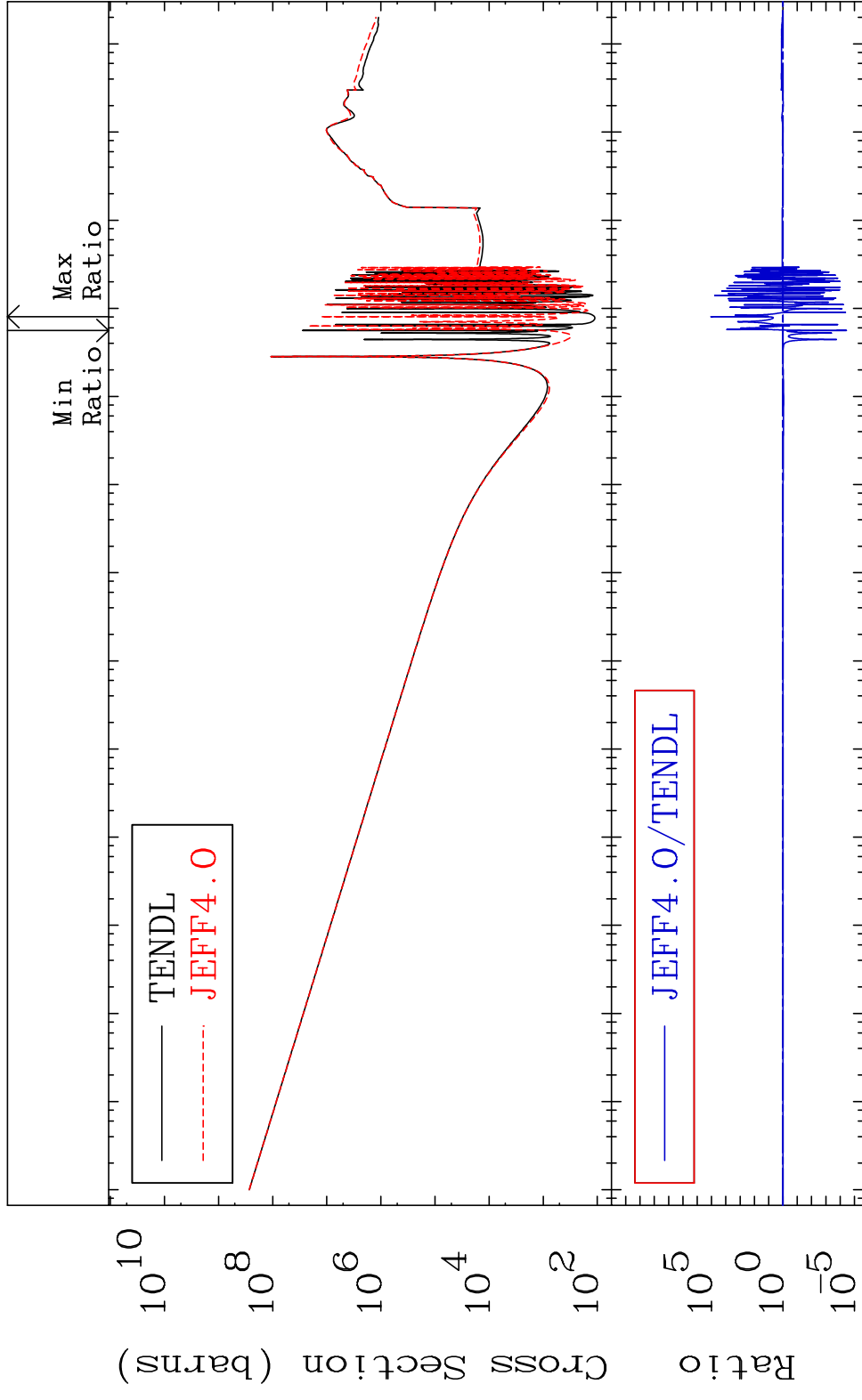


MAT 2043 Kerma fission (mt18 or mt19-20-21-38) 20-Ca-46
 Cross Section -0.365 To 32.00 %



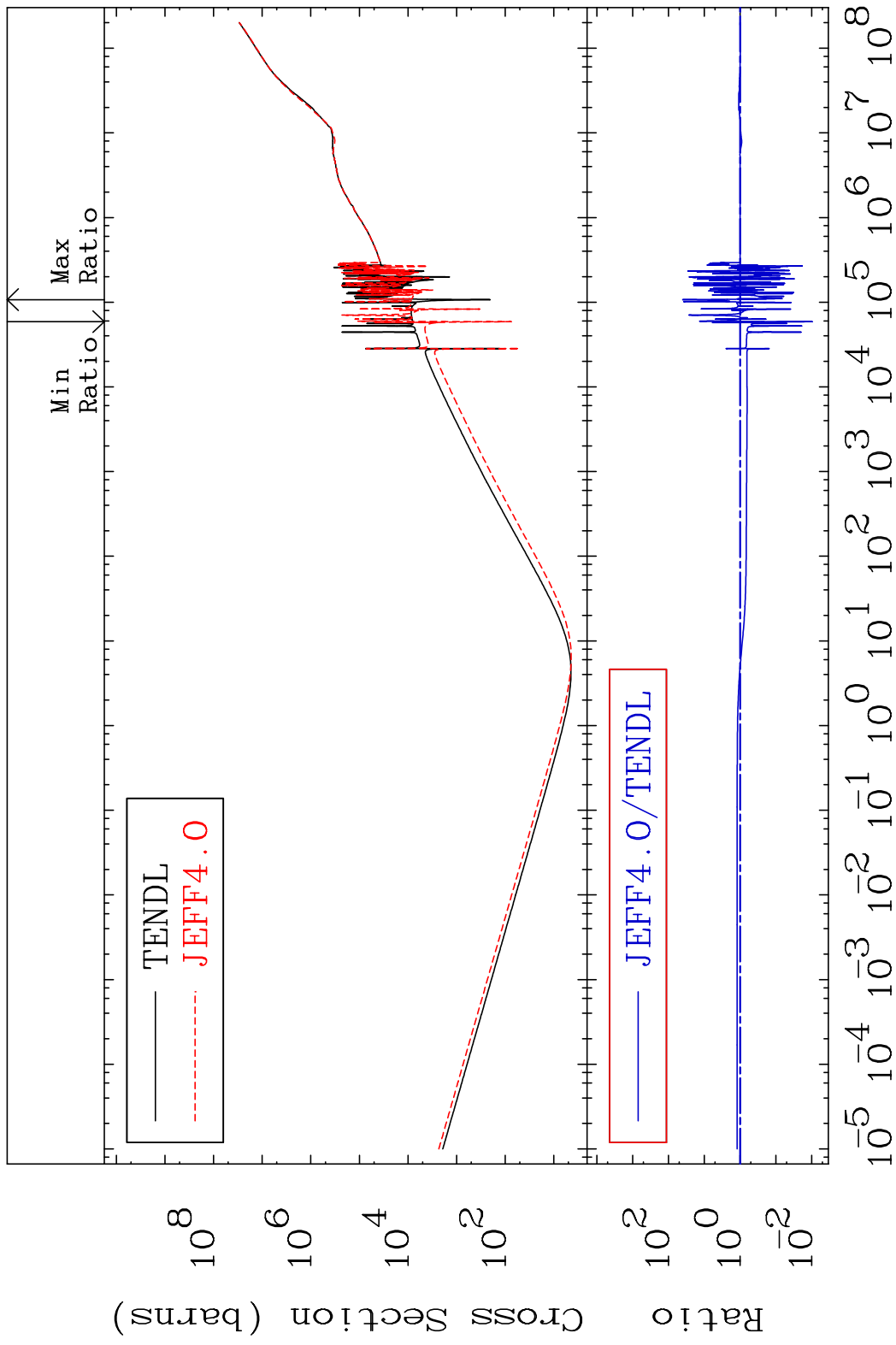


MAT 2043 Total photon (eV-barns) 20-Ca-46
 Cross Section -100.0 To 9999. %



65 Incident Energy (eV) 20-Ca-46

MAT 2043 Total kinematic kerma (high limit) 20-Ca-46
 Cross Section -99.05 To 3994. %

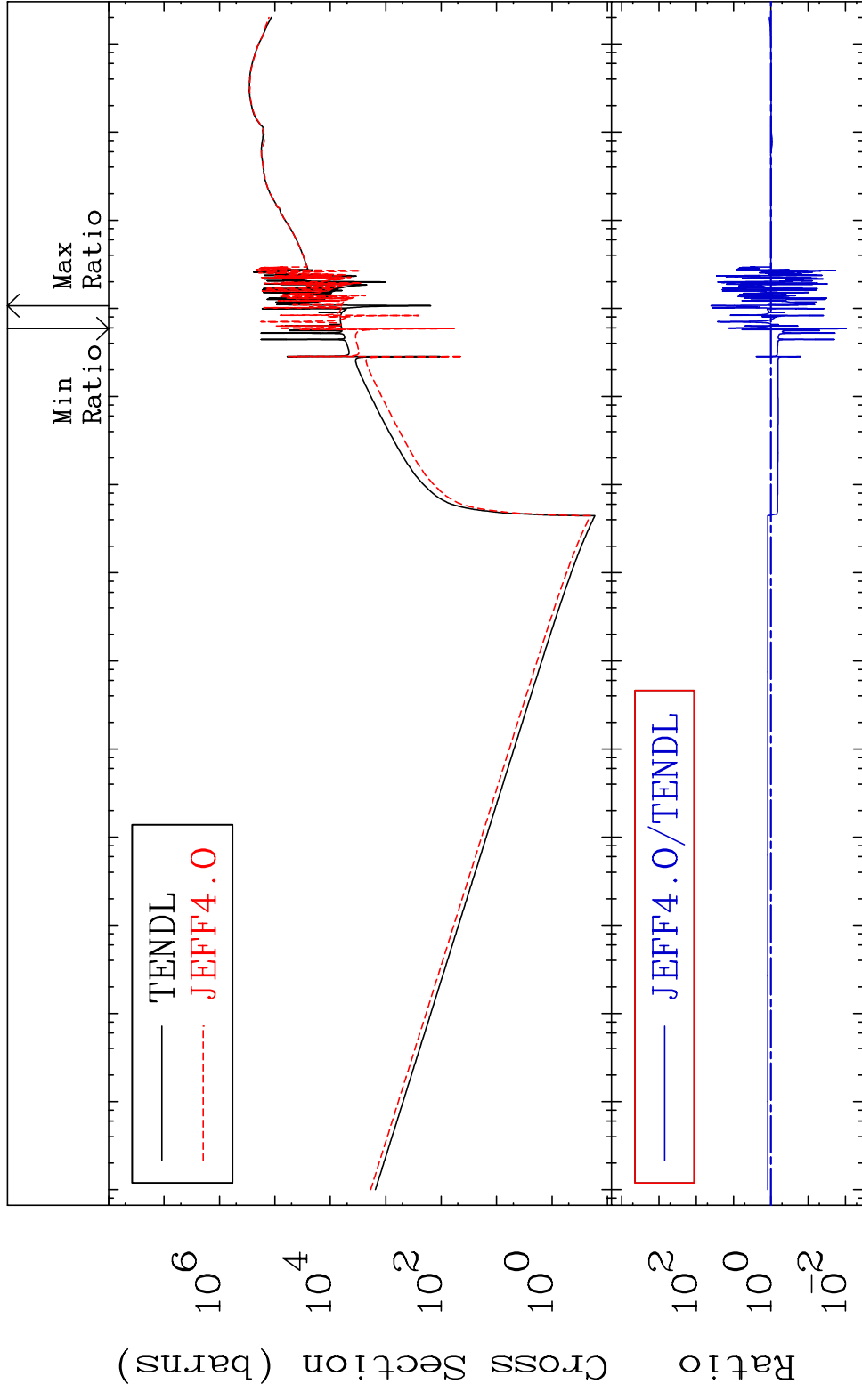


MAT 2043

Dpa total (eV-barns)

20-Ca-46

Cross Section -99.05 To 3994. %



67

Incident Energy (eV)

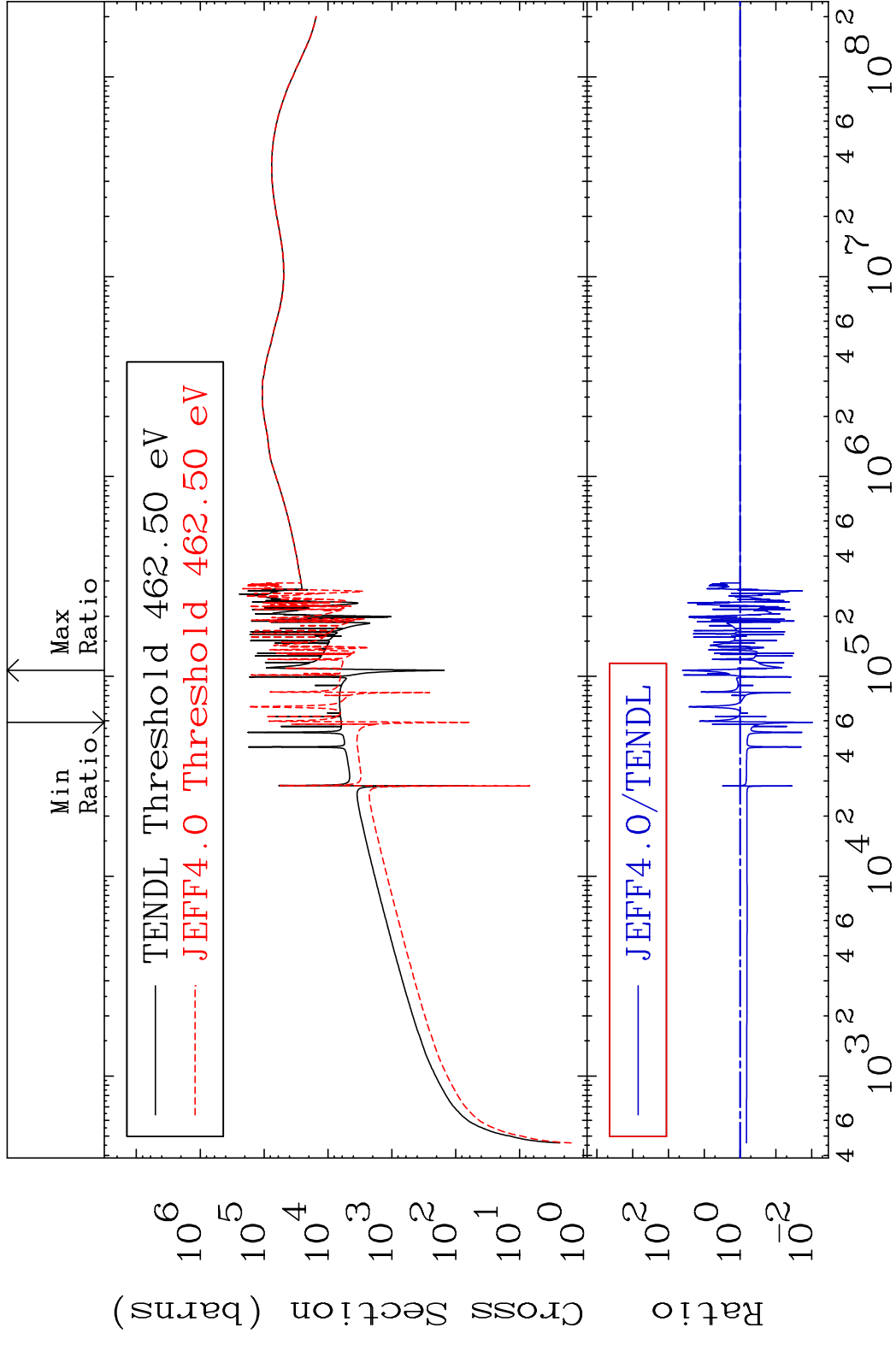
20-Ca-46

MAT 2043

Dpa elastic (mt2)

20-Ca-46

Cross Section -99.05 To 3994. %

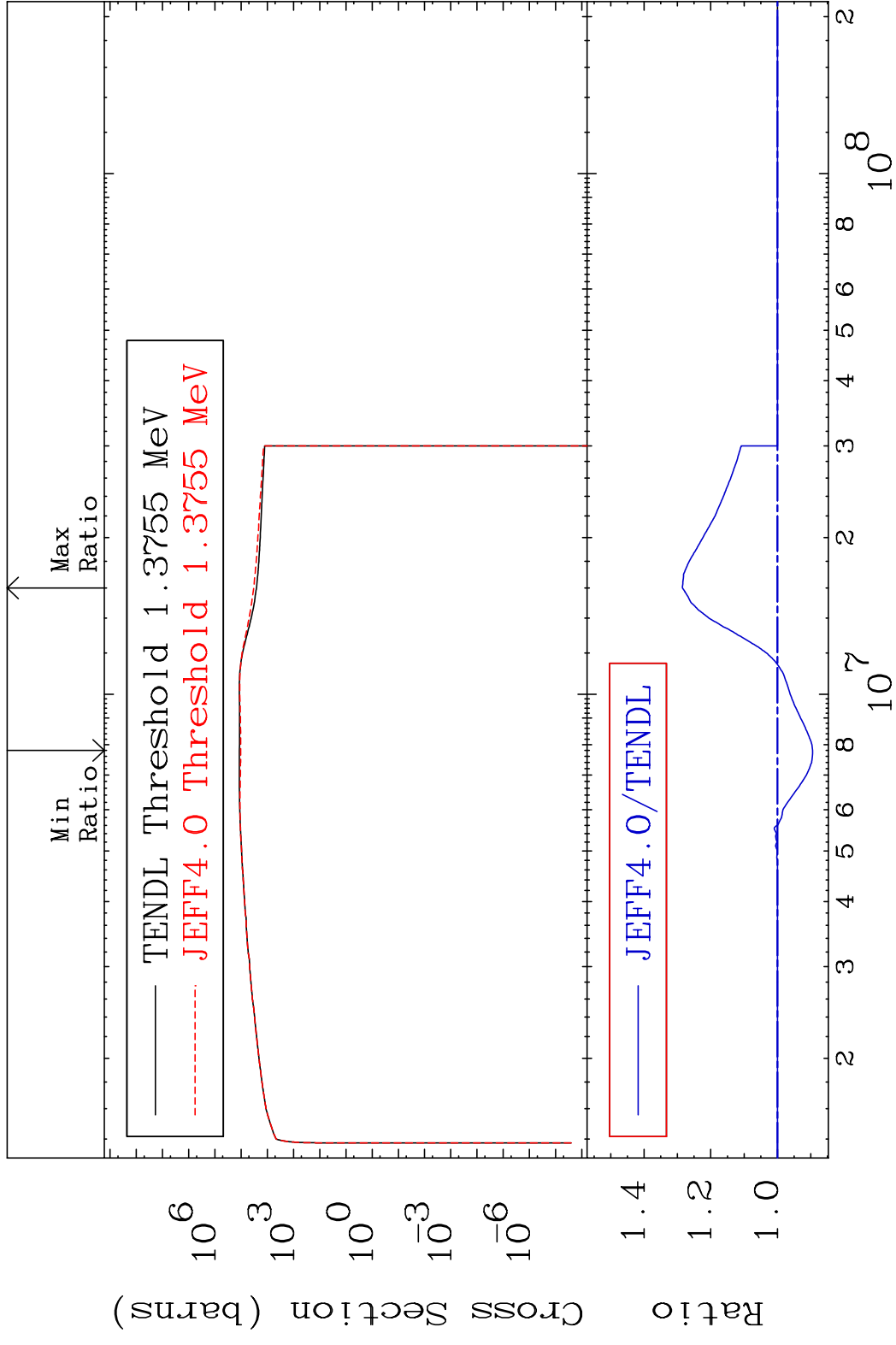


68

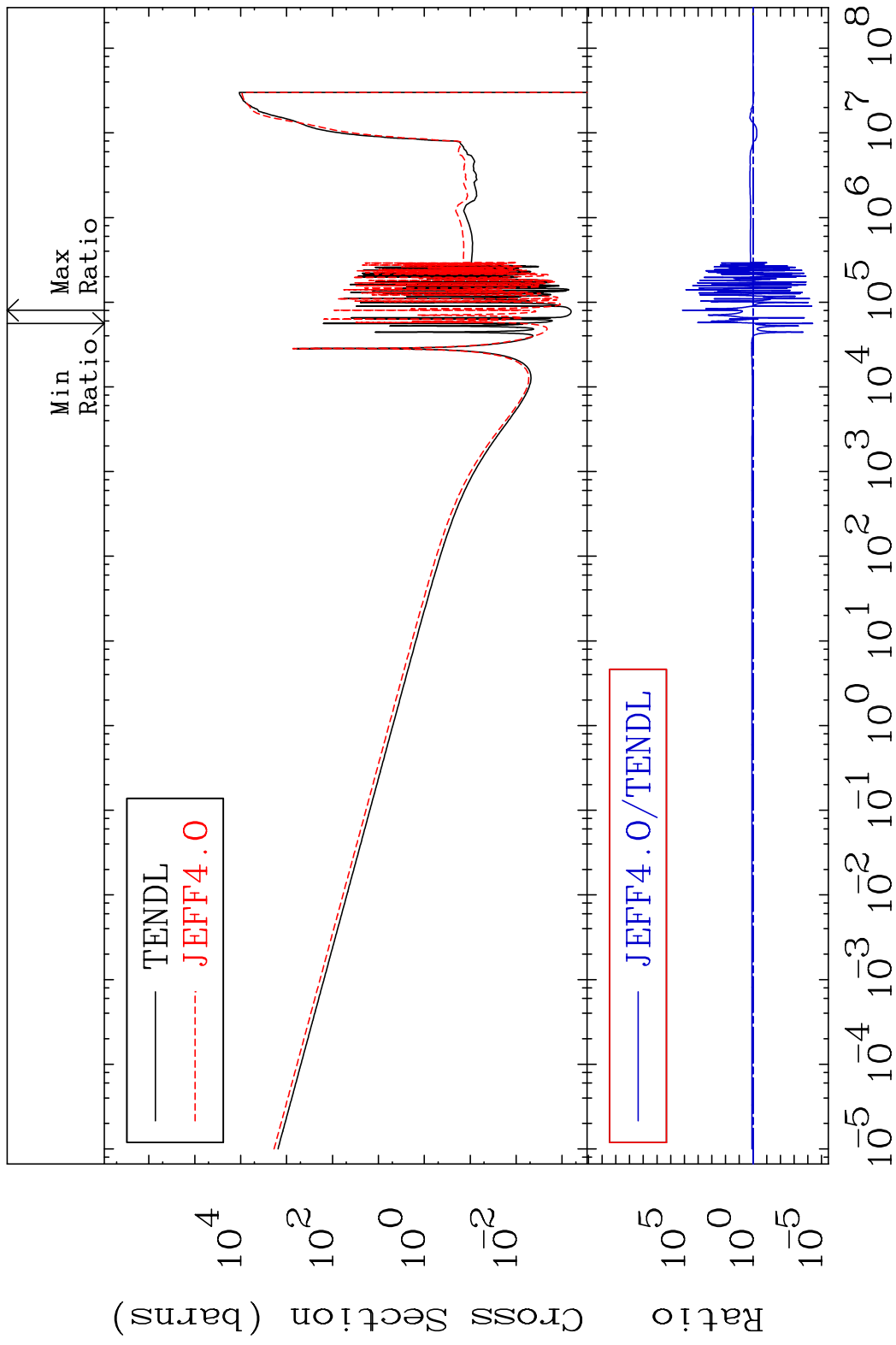
Incident Energy (eV)

20-Ca-46

MAT 2043 Dpa inelastic (mt51-91) 20-Ca-46
 Cross Section -10.53 To 28.52 %



MAT 2043 Dpa disappearance (mt102 -120) 20-Ca-46
Cross Section -100.0 To 9999. %



70 Incident Energy (eV) 20-Ca-46