

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

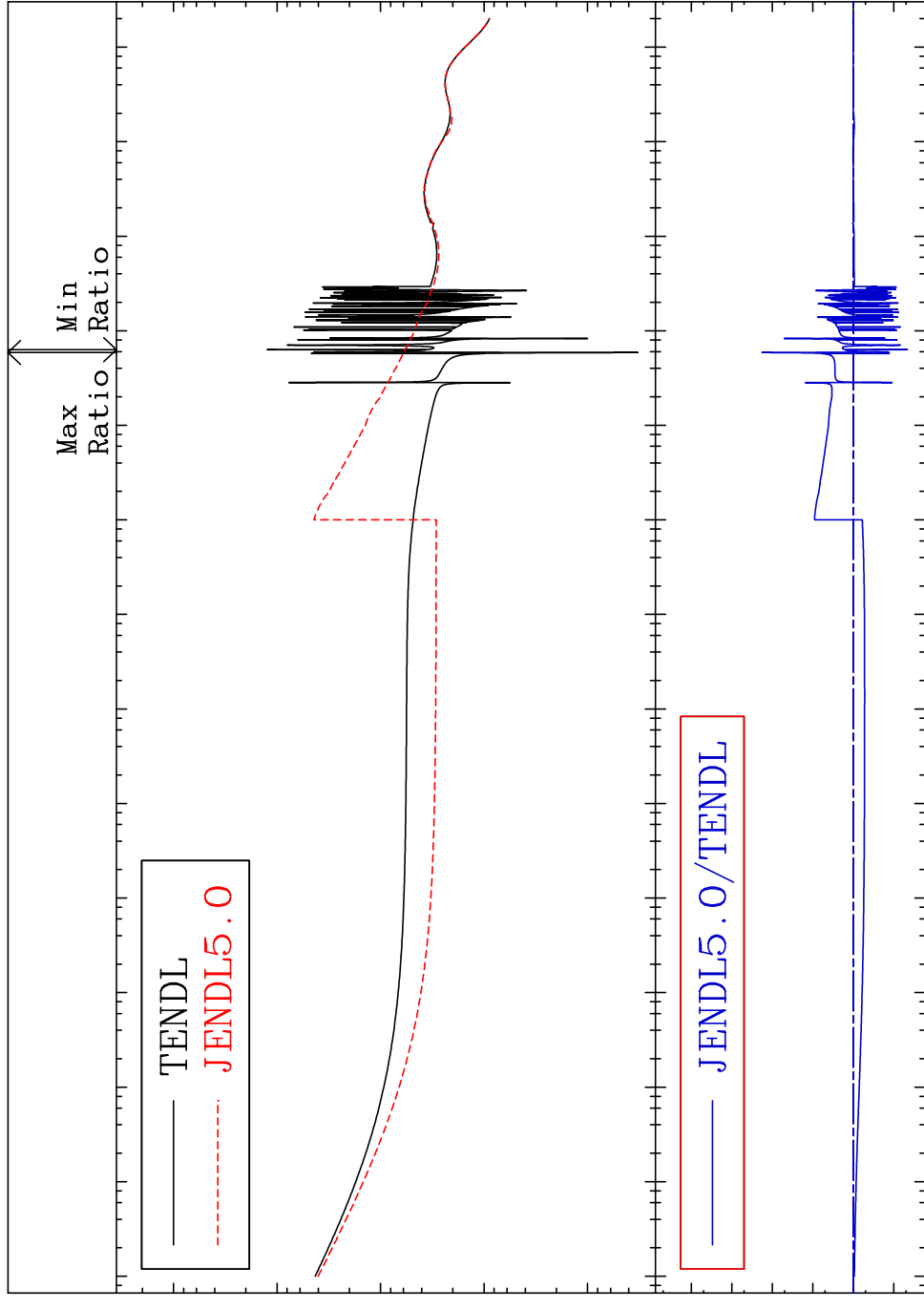
MAT 2043

Total

20-Ca-46

Cross Section

-95.36 To 9999. %



10³
10²
10¹
10⁰
10⁻¹
Ratio
10²
10⁰

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

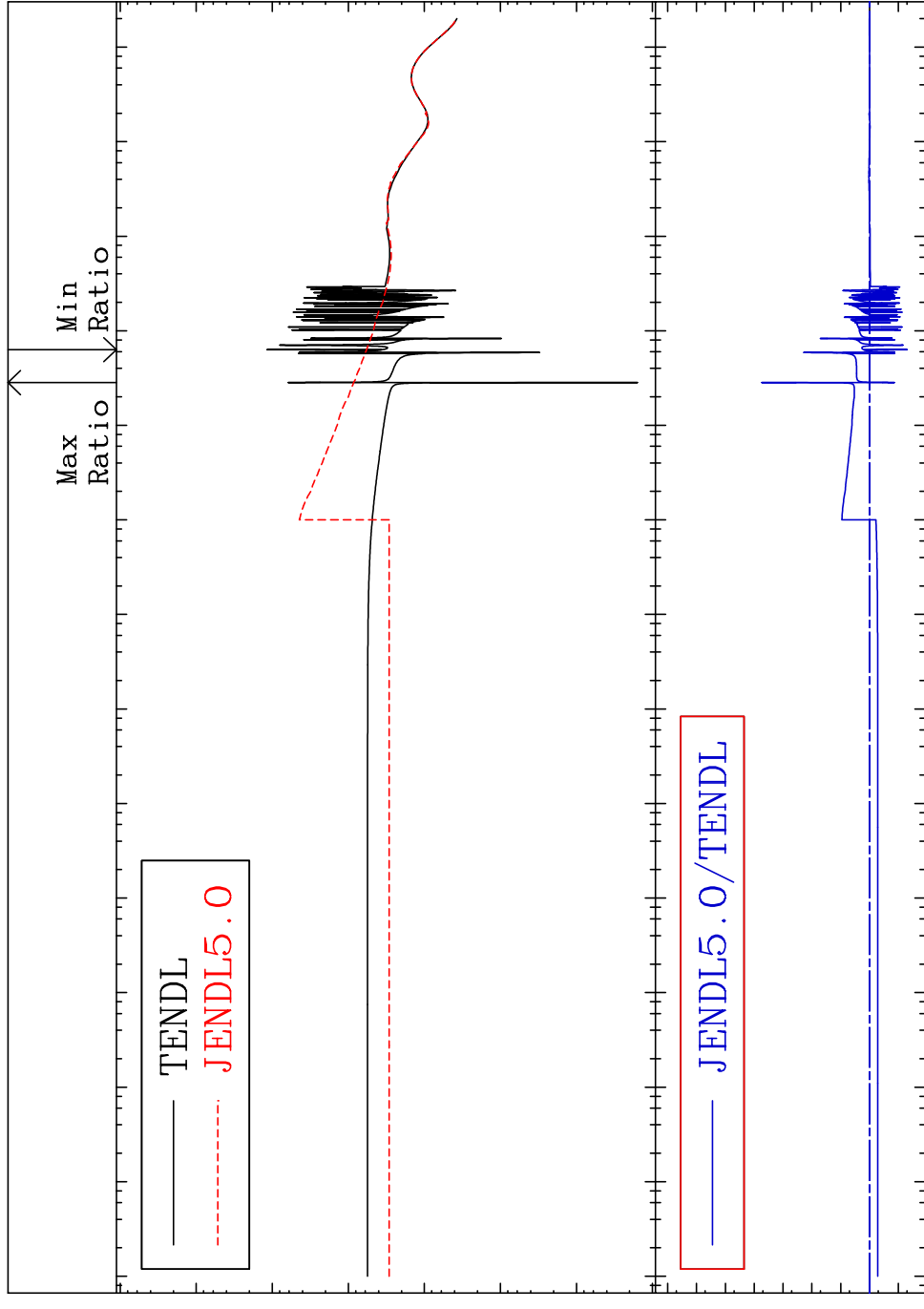
MAT 2043

Elastic

20-Ca-46

Cross Section

-95.06 To 9999. %



Cross Section (barns)

10^3
 10^2
 10^1
 10^0
 10^{-1}
 10^{-2}
 10^{-3}

Ratio

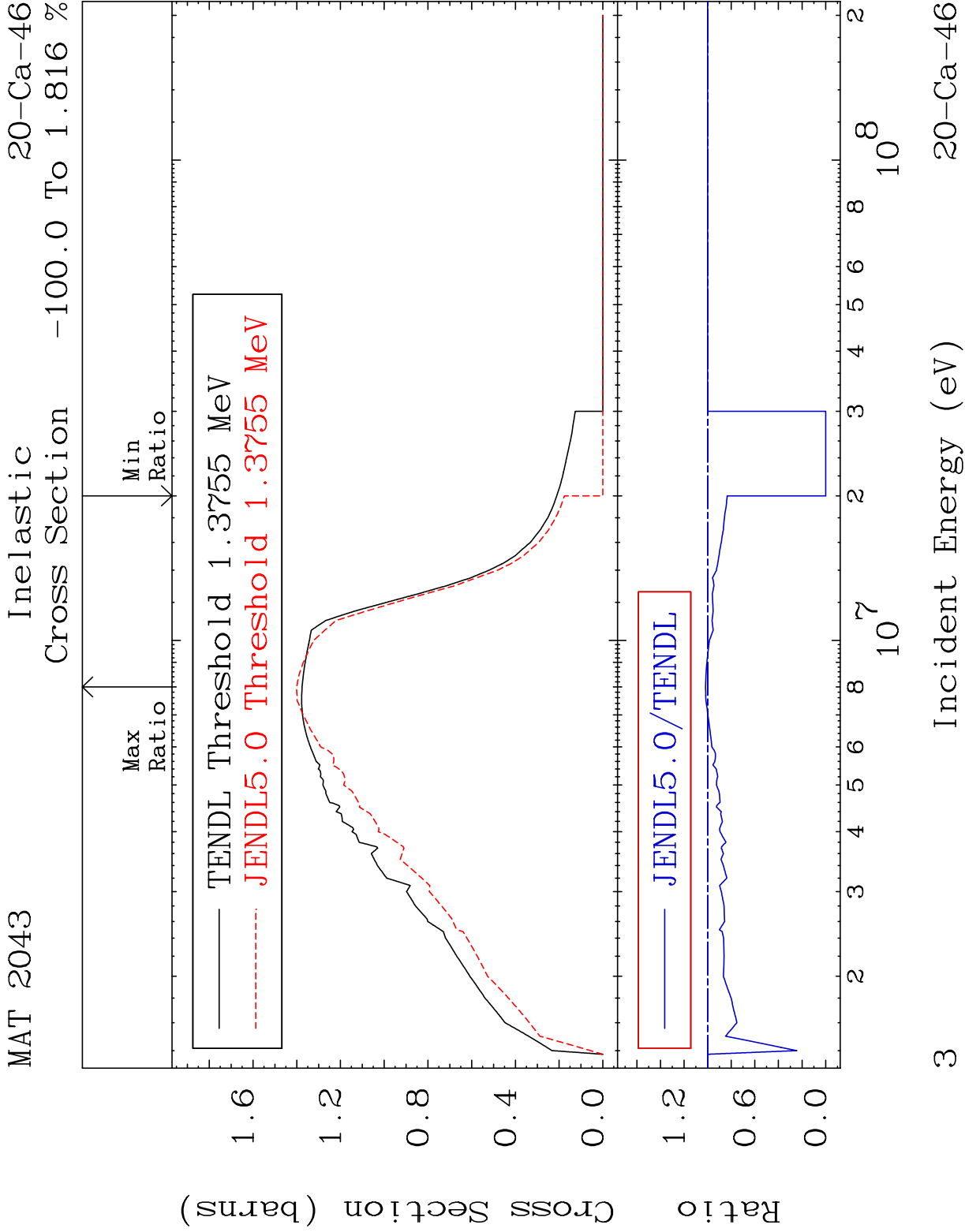
10^3
 10^0

Incident Energy (eV)

10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

2

20-Ca-46

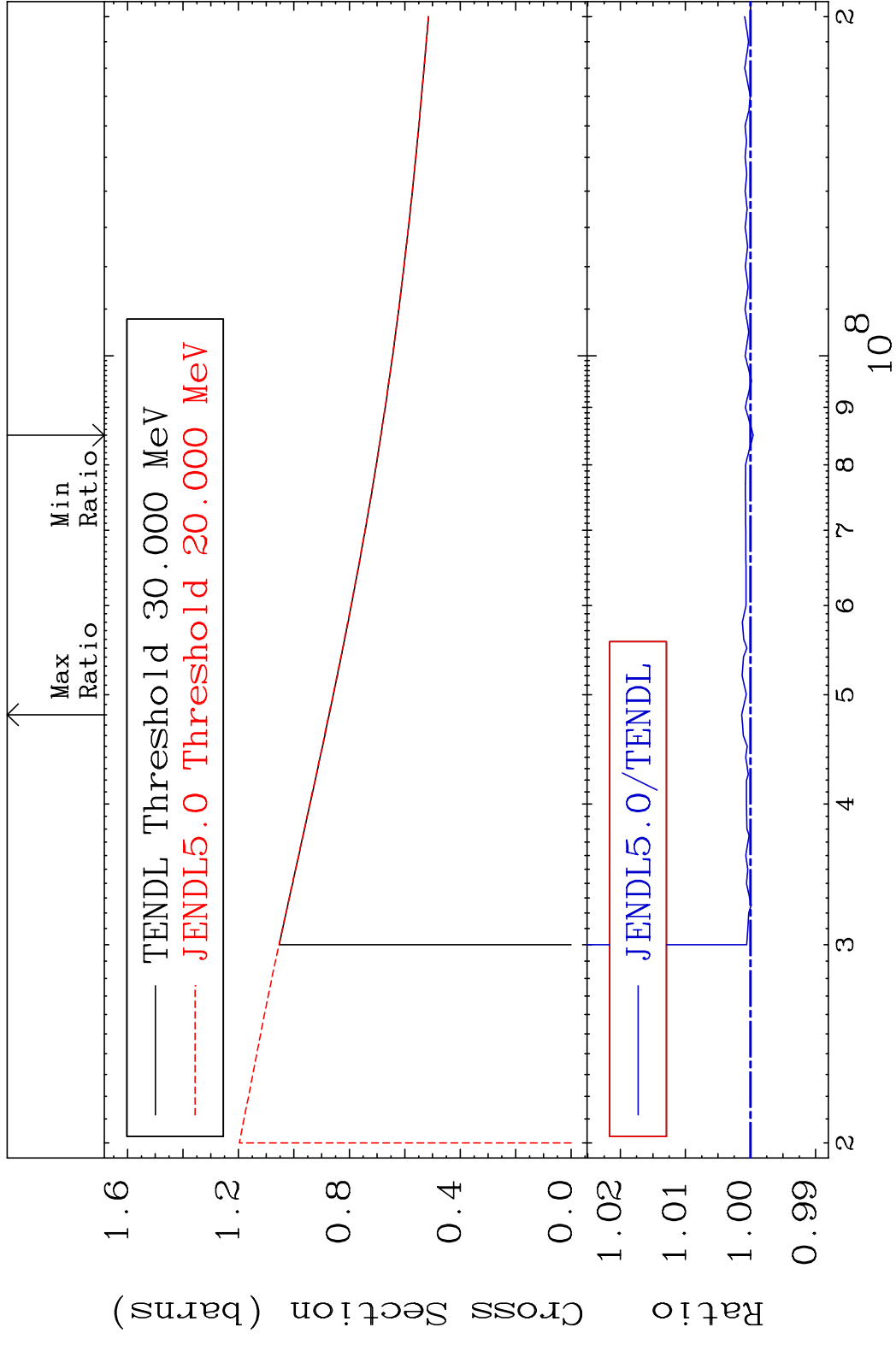


MAT 2043

(n, remainder)

20-Ca-46

Cross Section -0.042 To 0.135 %

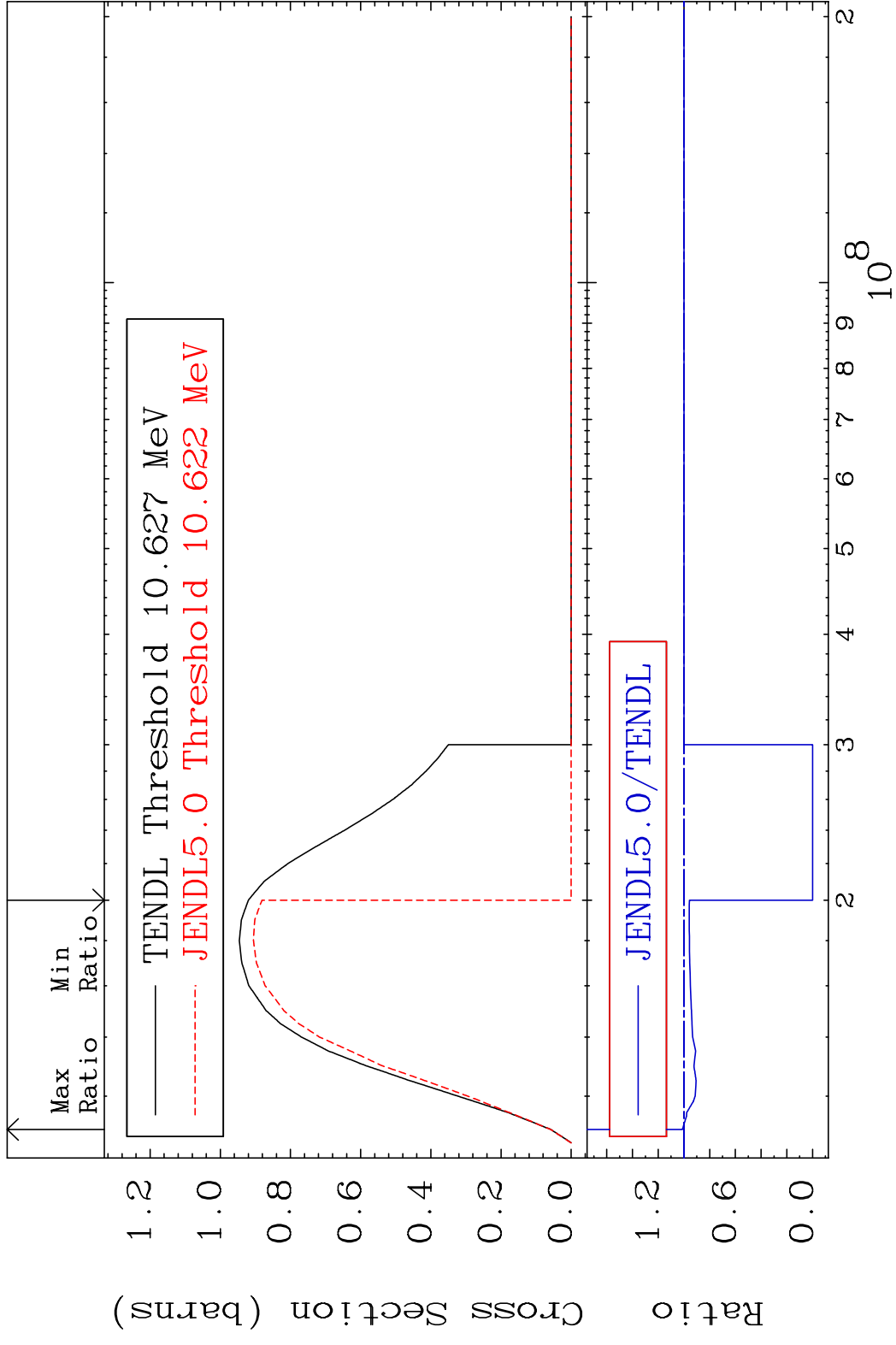


4

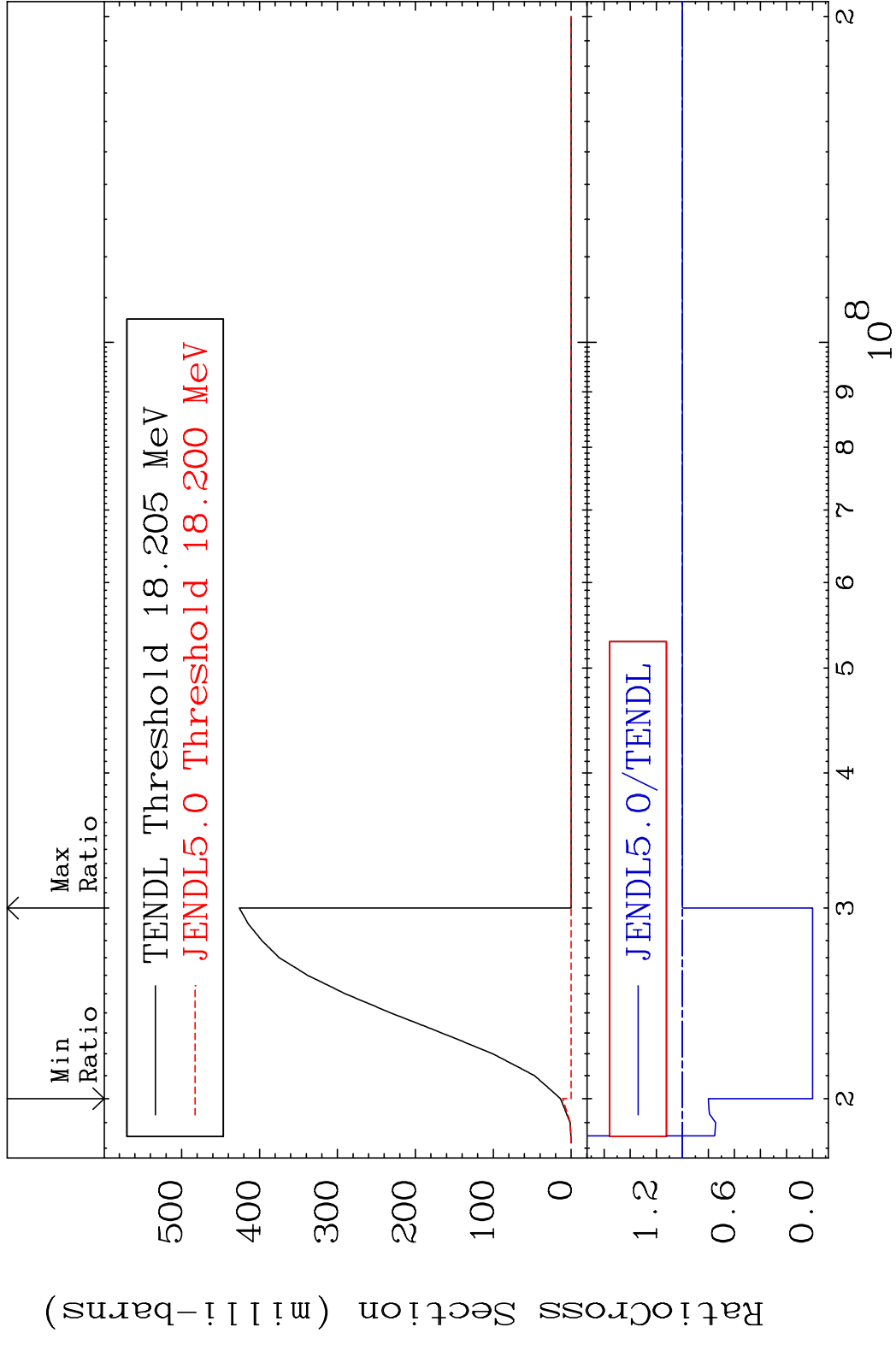
Incident Energy (eV)

20-Ca-46

MAT 2043 (n,2n) 20-Ca-46
 Cross Section -100.0 To 1.237 %

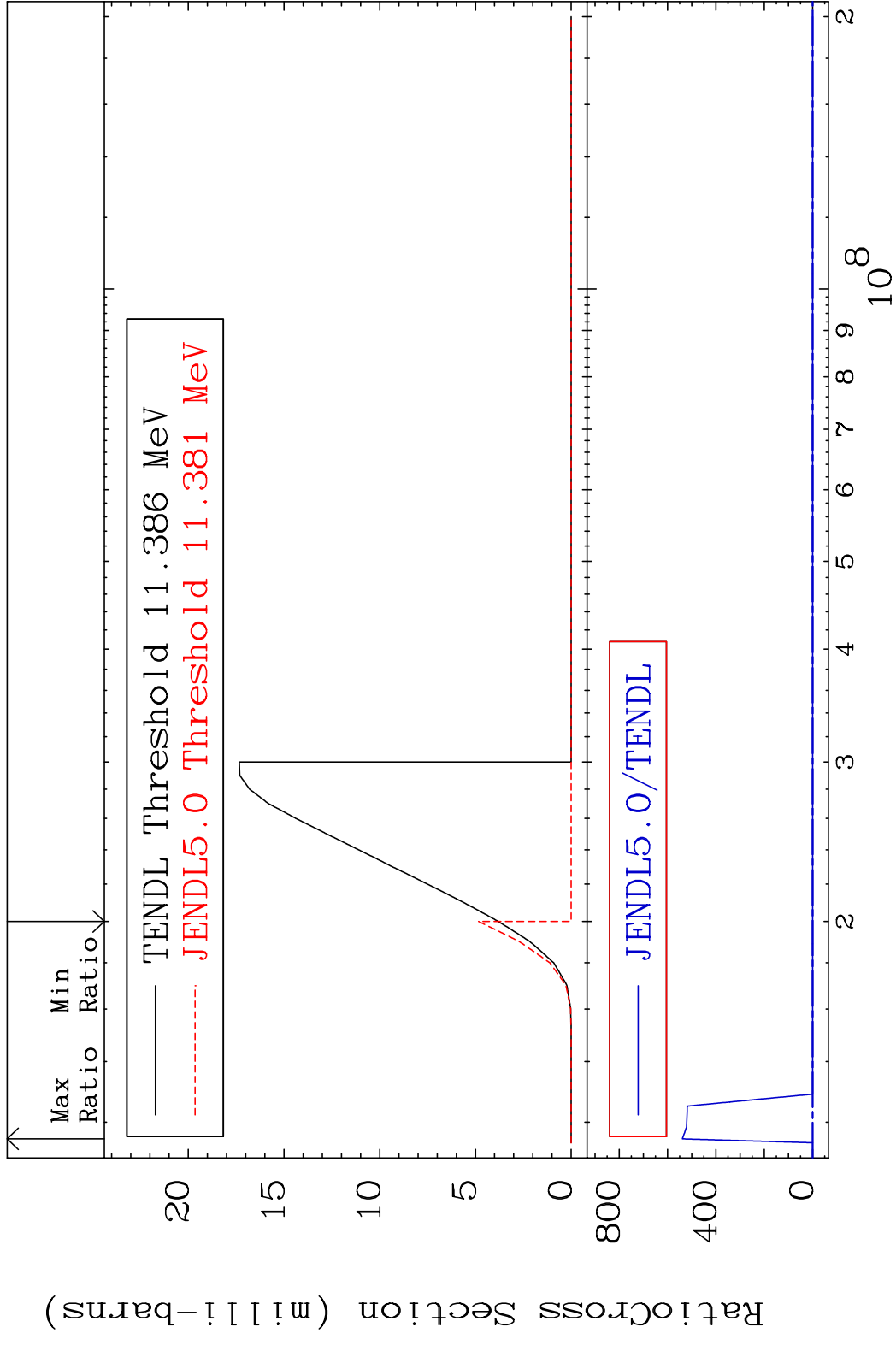


MAT 2043 (n,3n) 20-Ca-46
 Cross Section -100.0 To 0.000 %



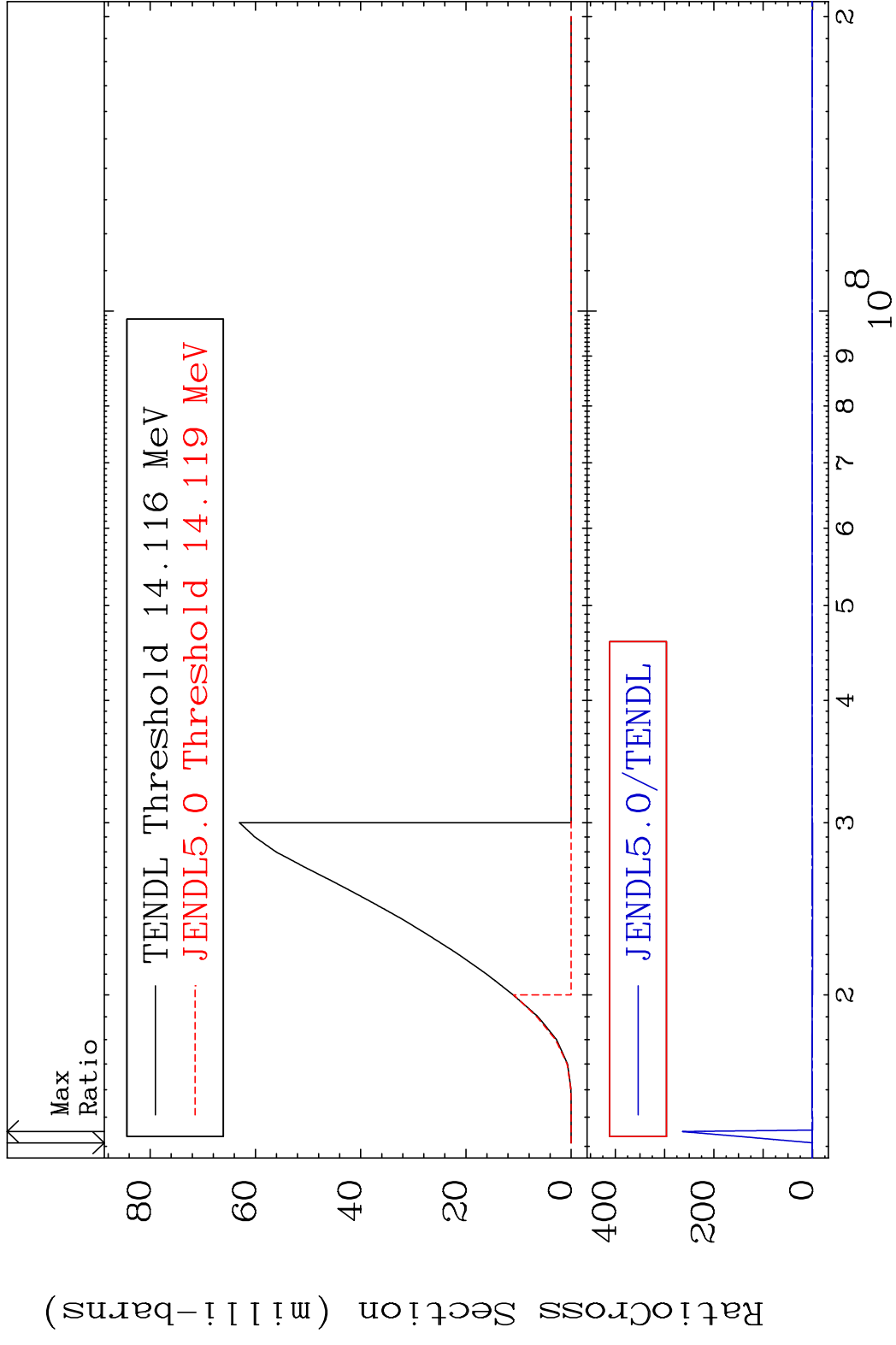
6 Incident Energy (eV) 20-Ca-46

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



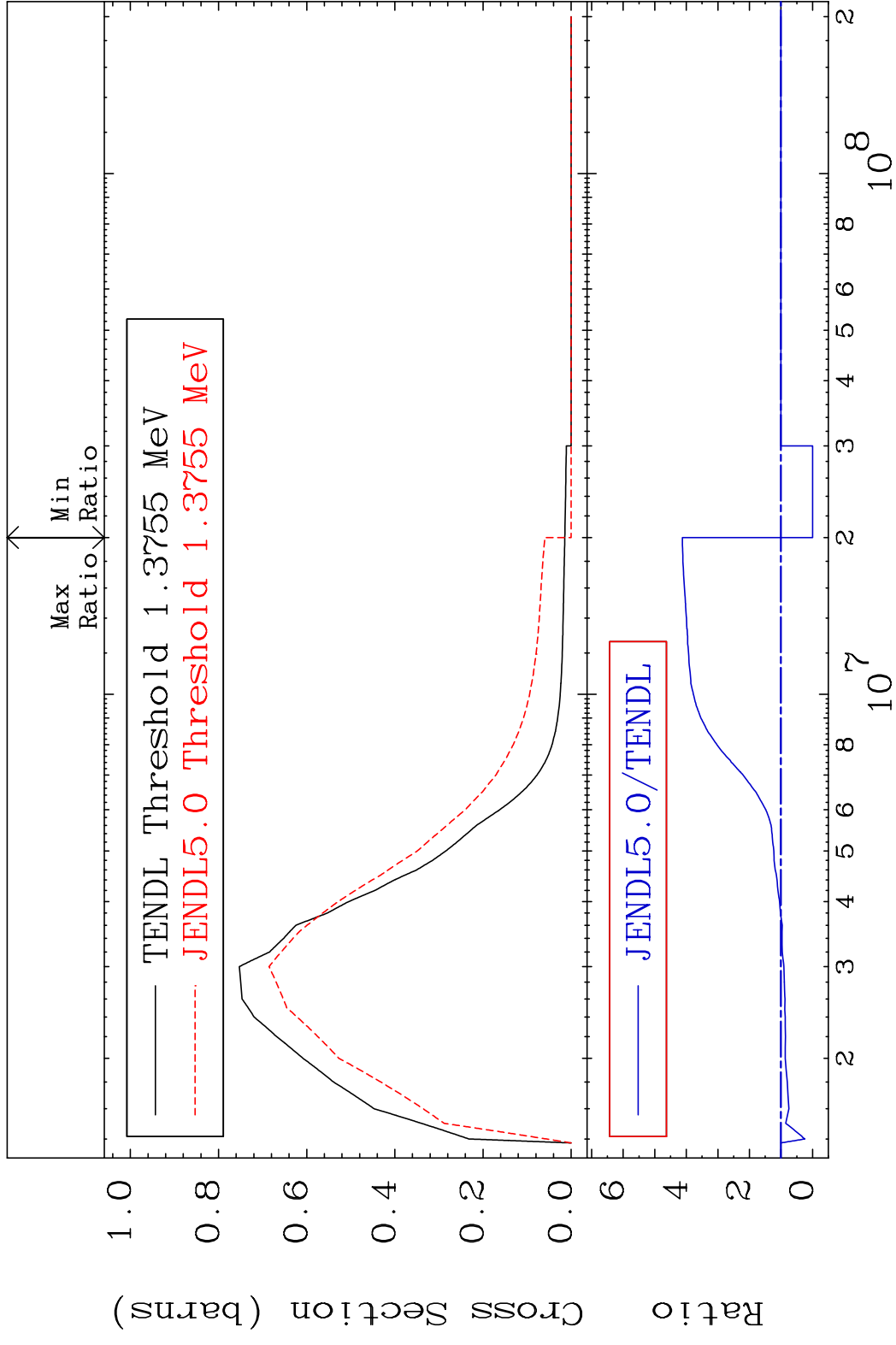
7 Incident Energy (eV) 20-Ca-46

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

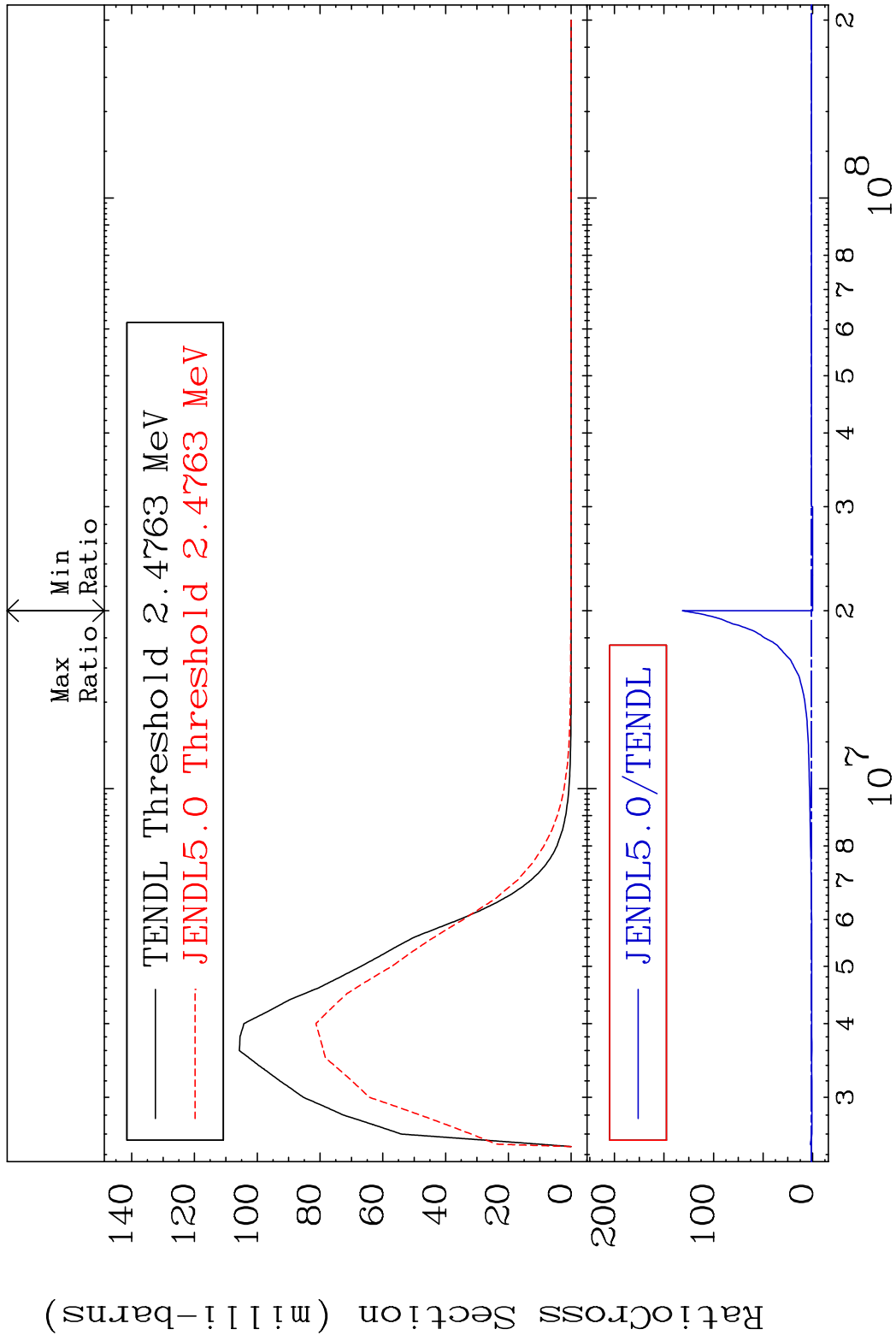


8 2

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



MAT 2043 MT= 52 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 9999. %

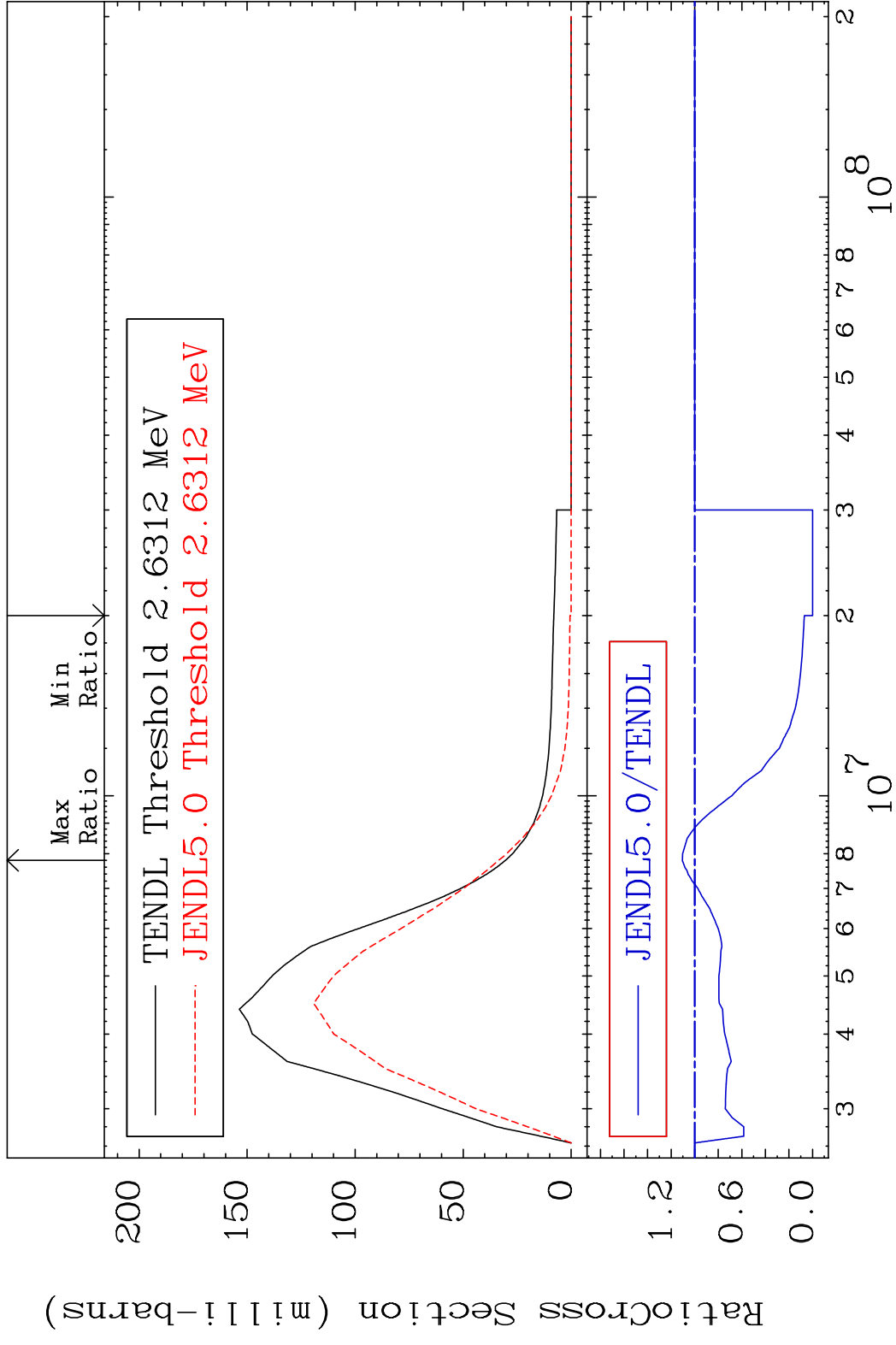


10

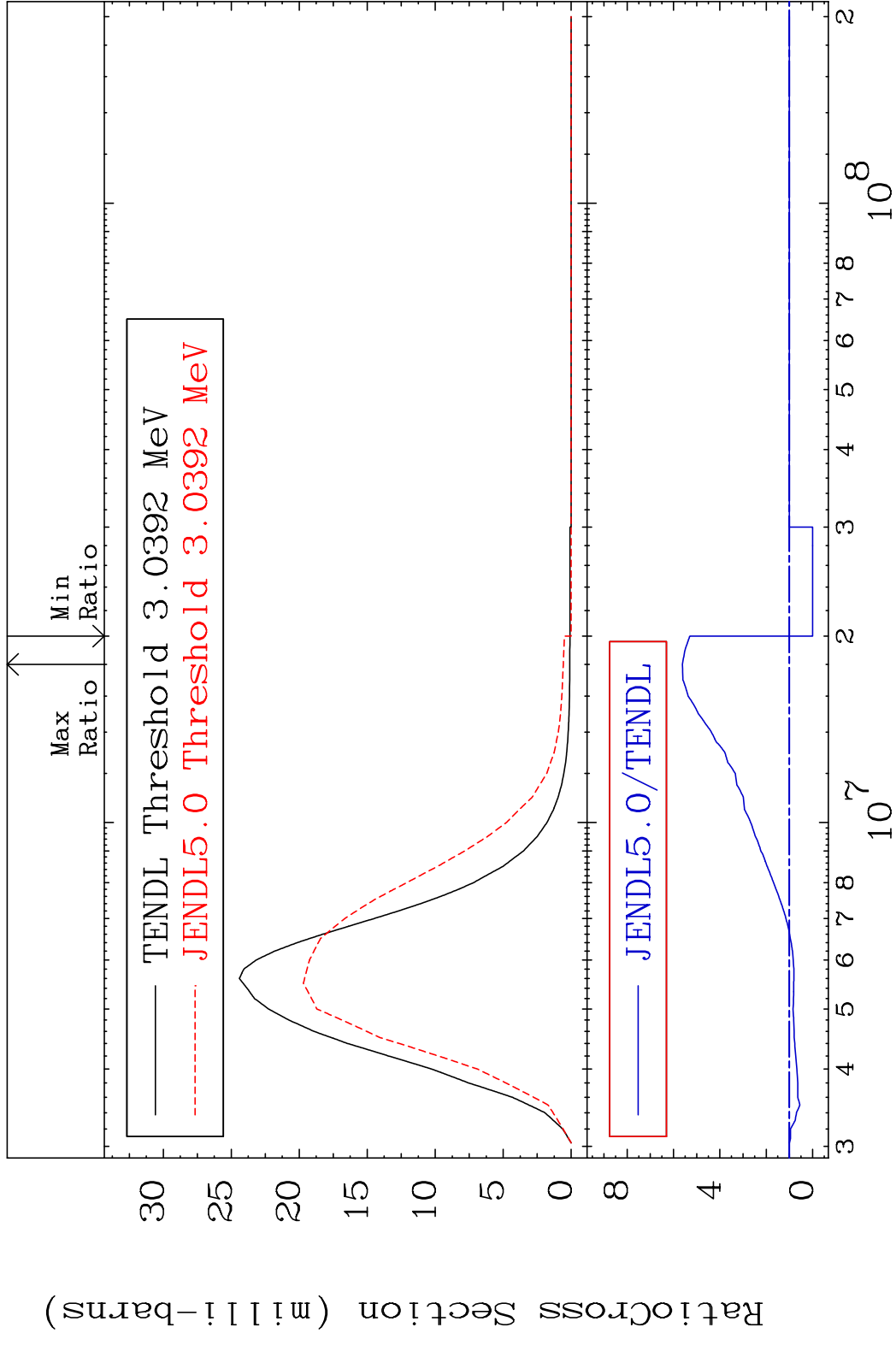
Incident Energy (eV)

20-Ca-46

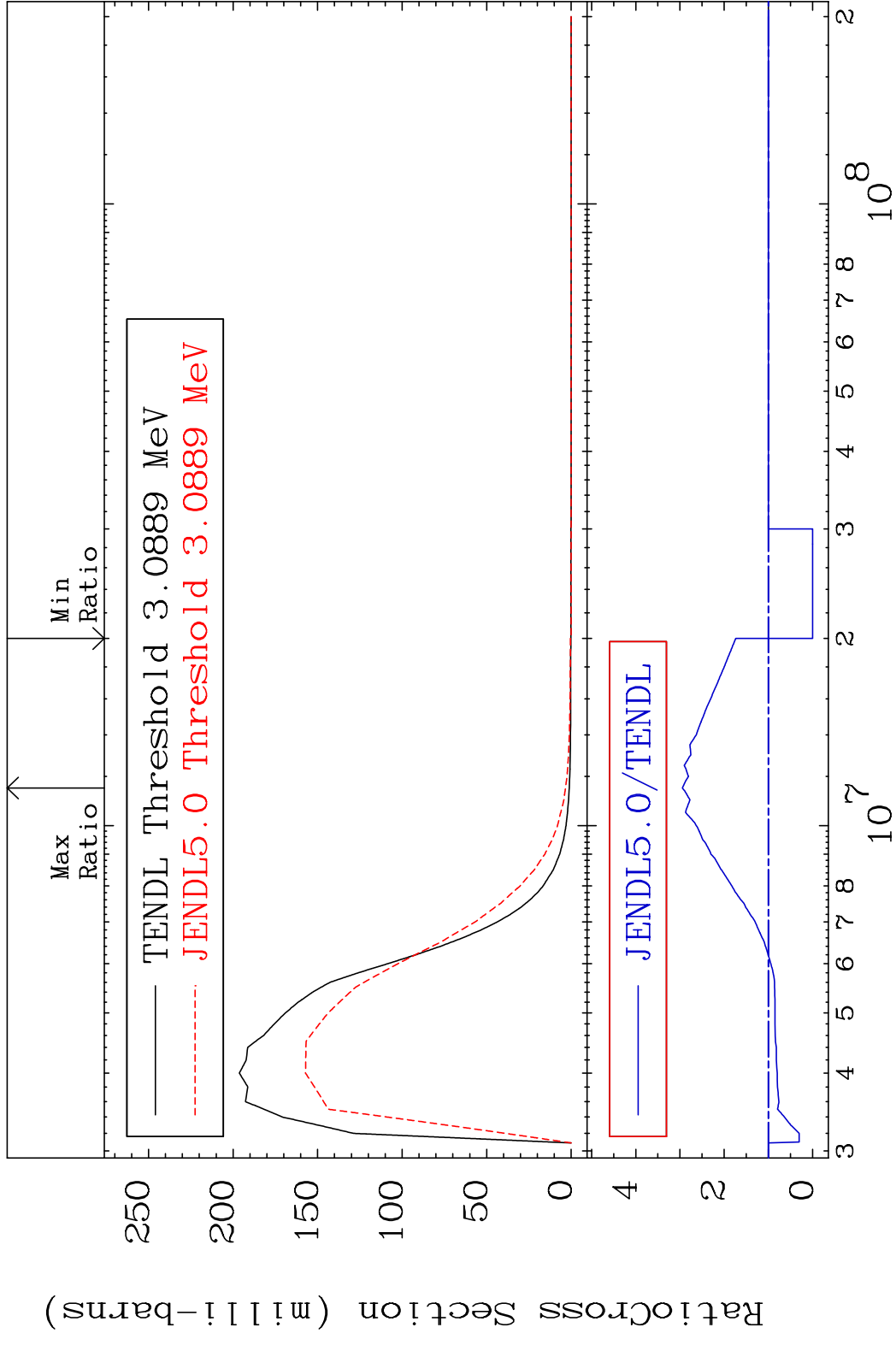
MAT 2043 MT= 53 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 10.47 %



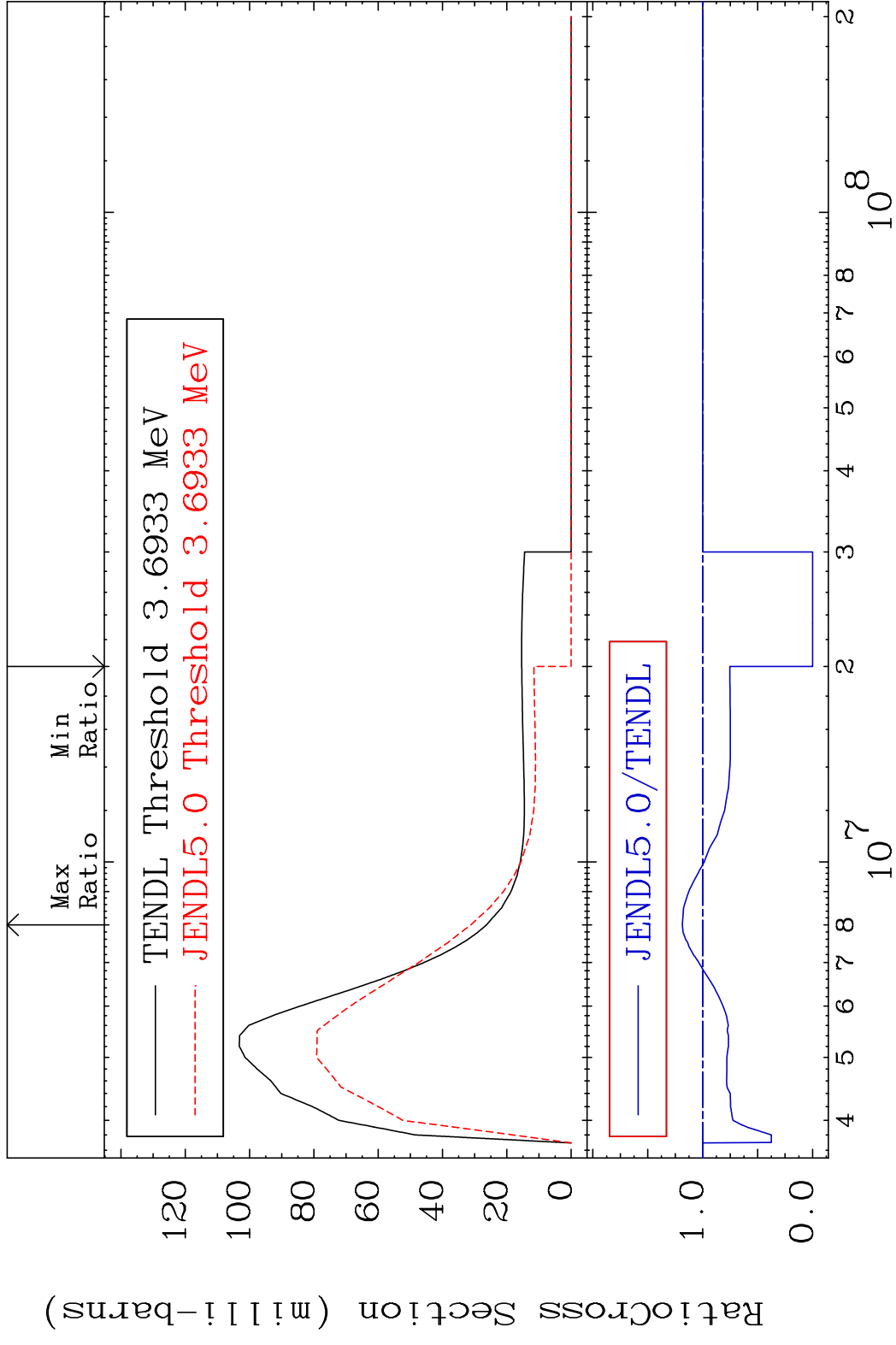
MAT 2043 MT= 54 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 461.9 %



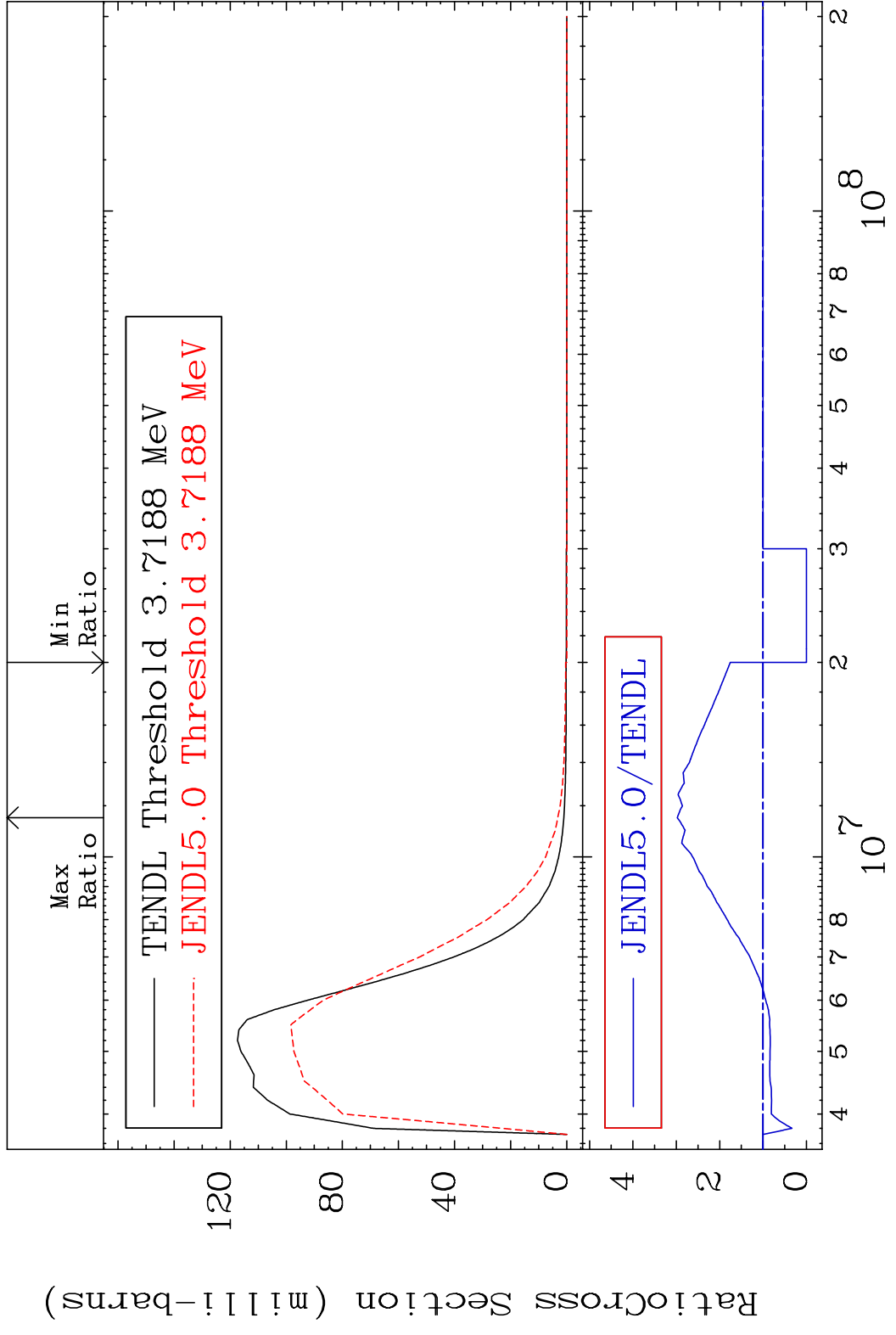
MAT 2043 MT= 55 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 194.6 %



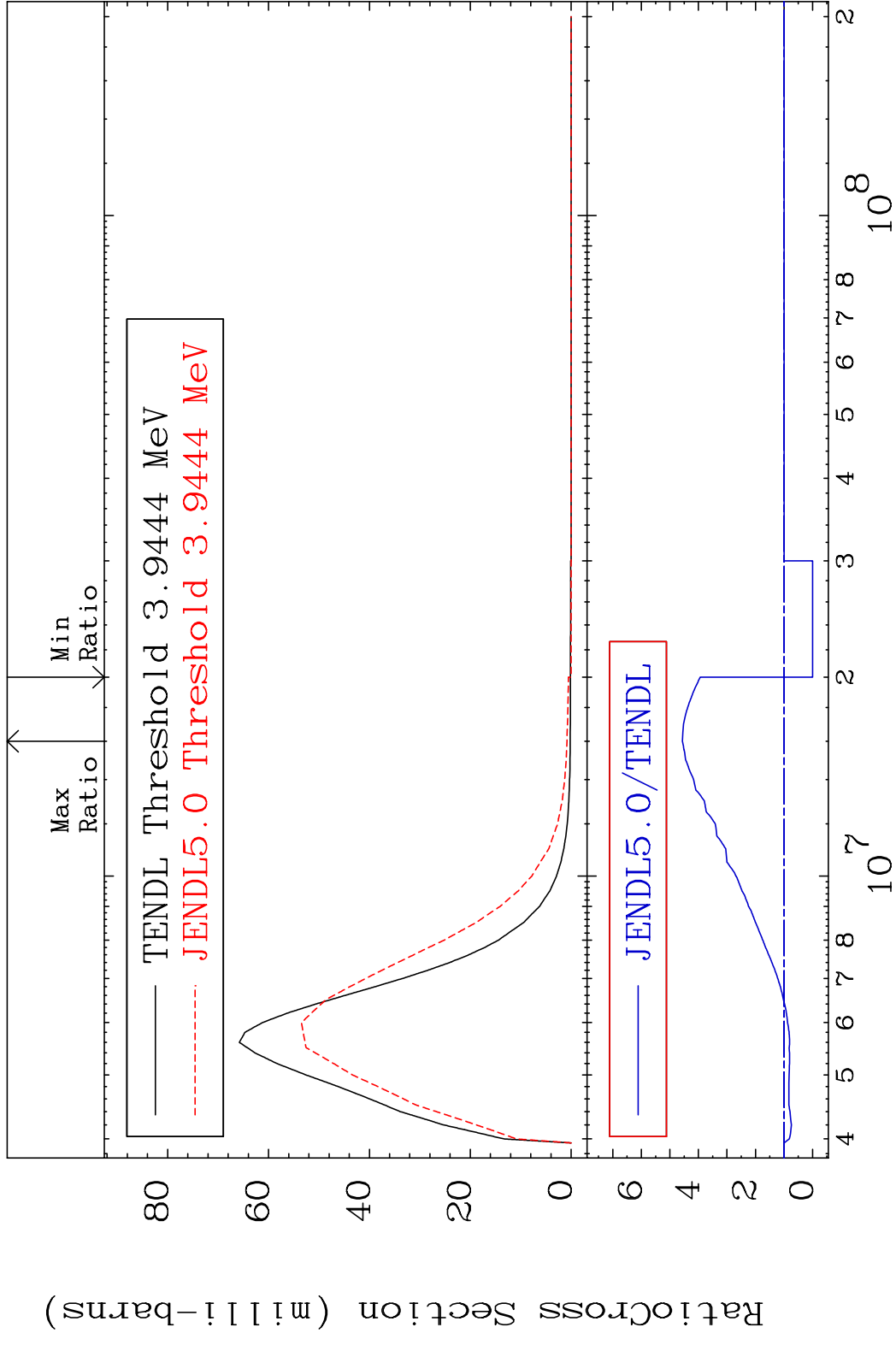
MAT 2043 MT= 56 (n,n') Level 20-Ca-46
 Cross Section -100.0 To 18.53 %



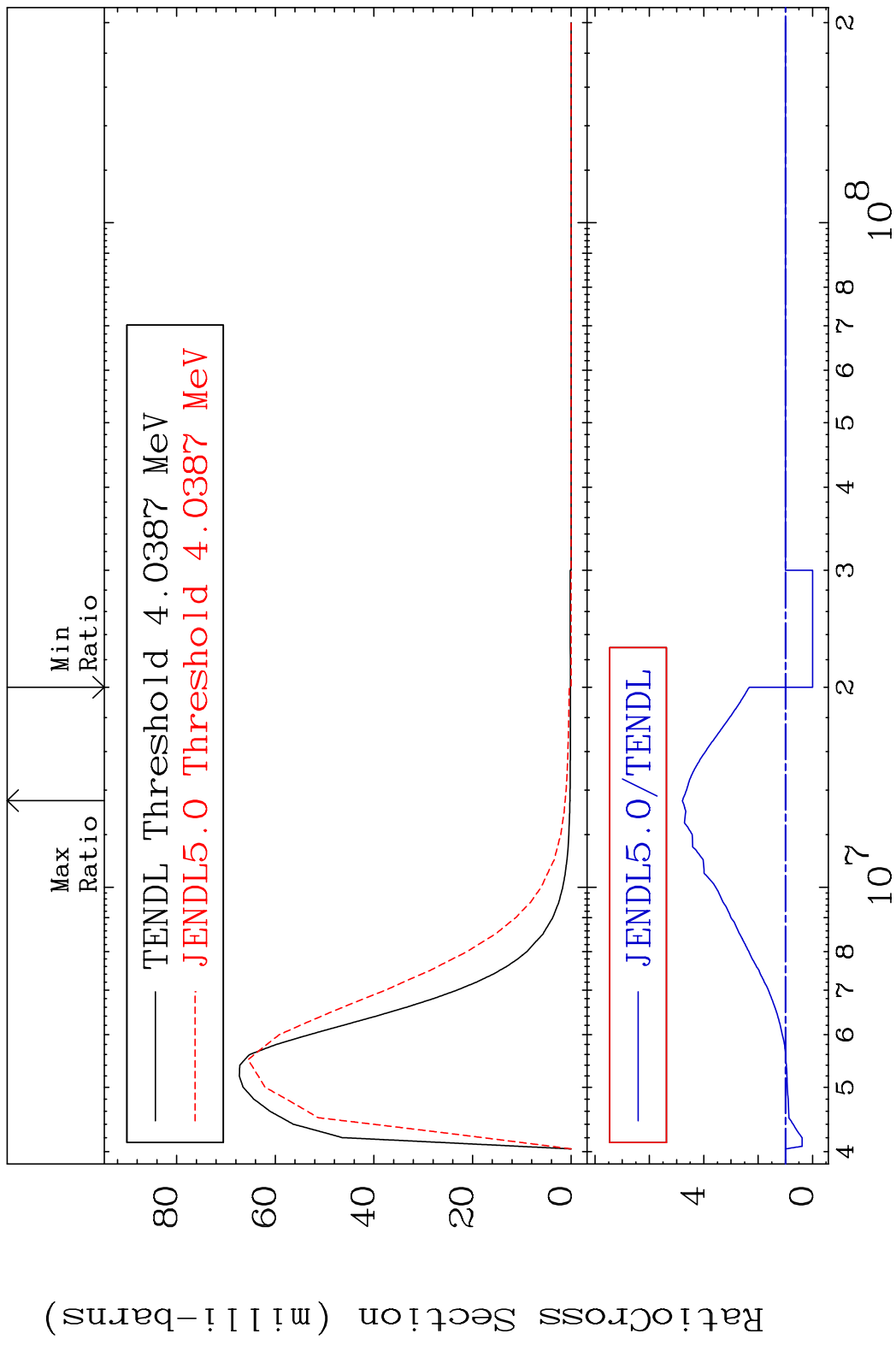
MAT 2043 MT= 57 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 197.9 %



MAT 2043 MT= 58 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 356.3 %

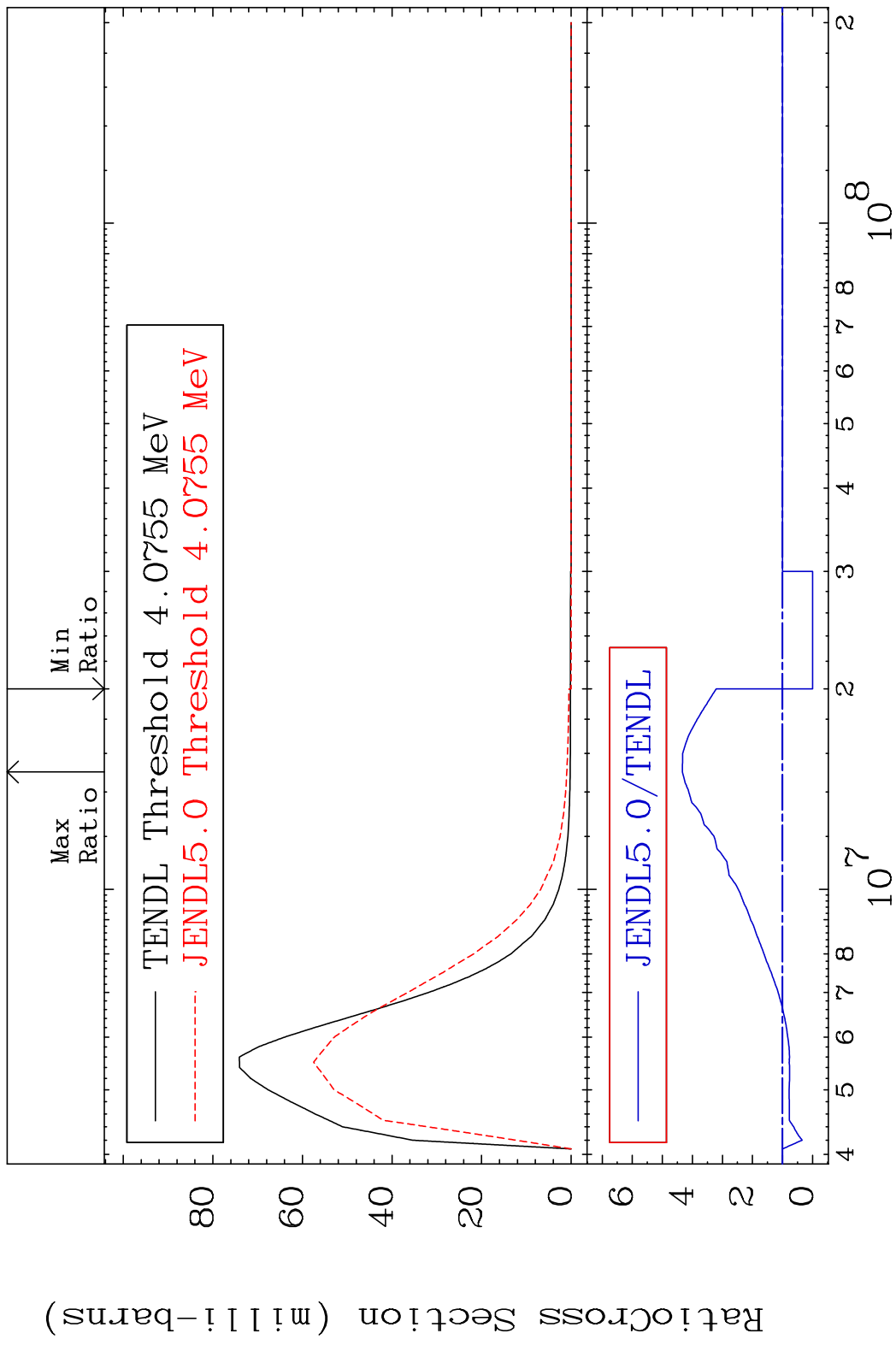


MAT 2043 MT= 59 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 378.9 %

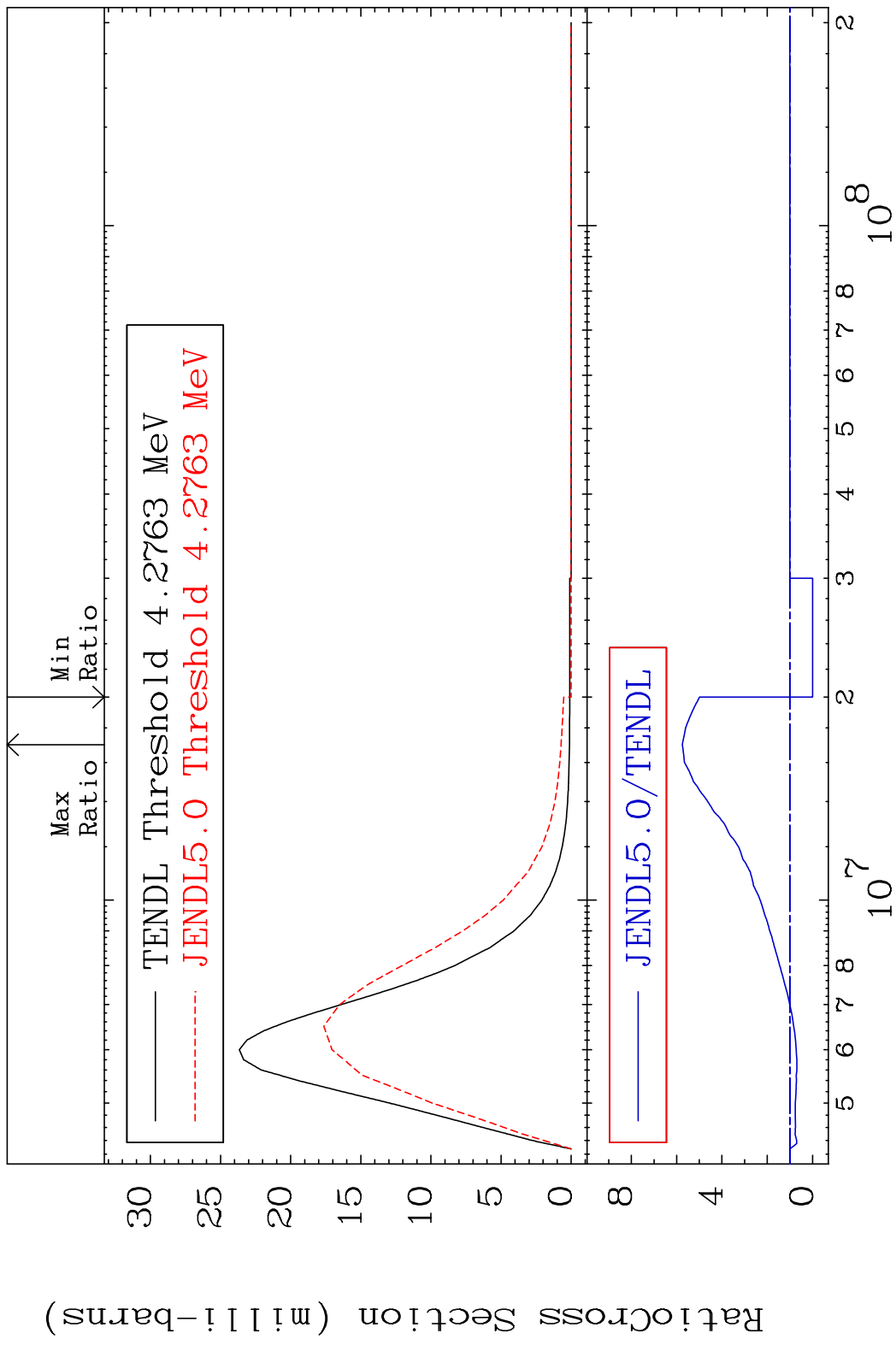


17 20-Ca-46

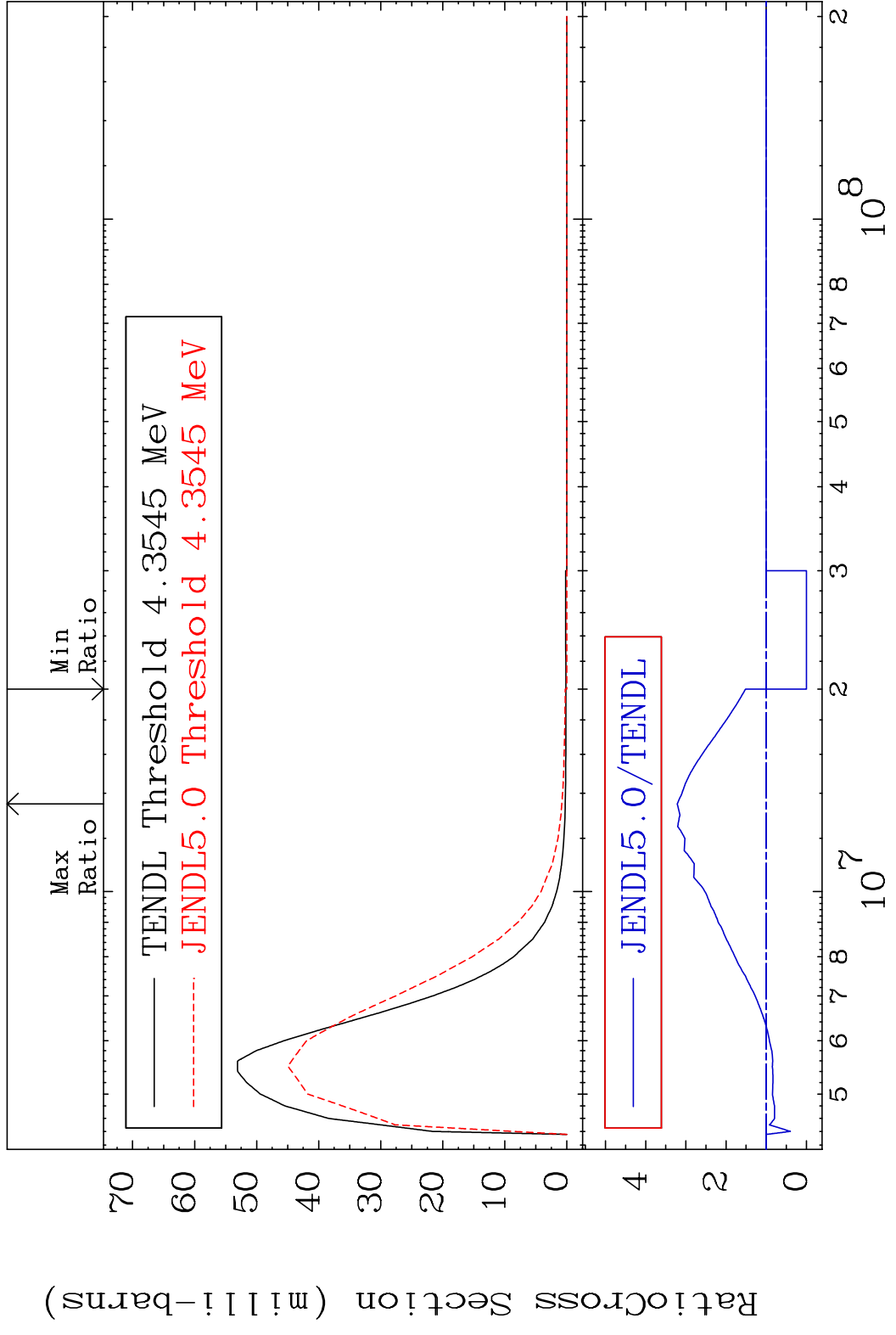
MAT 2043 MT= 60 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 333.4 %



MAT 2043 MT= 61 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 474.8 %

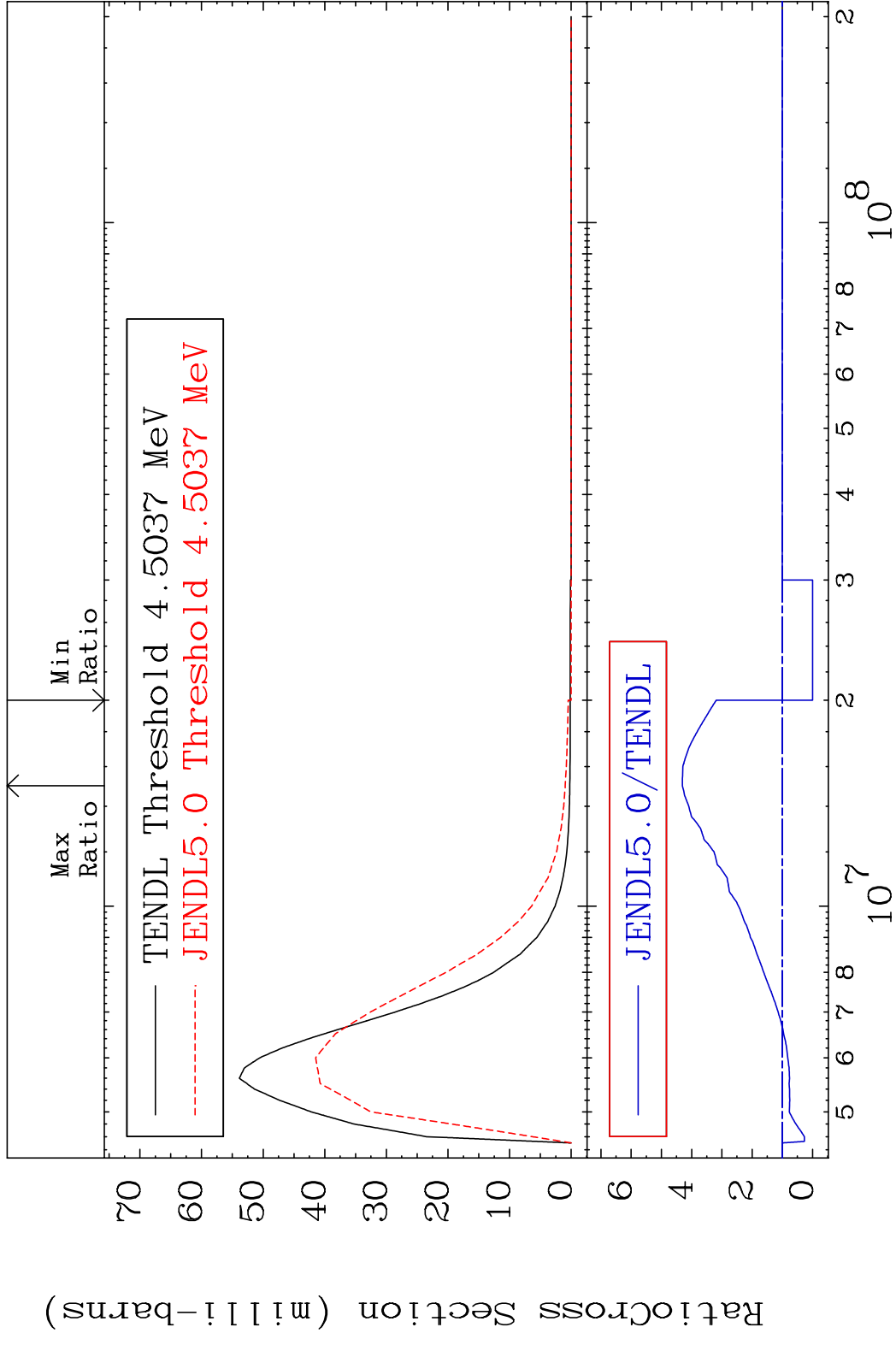


MAT 2043 MT= 62 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 221.6 %

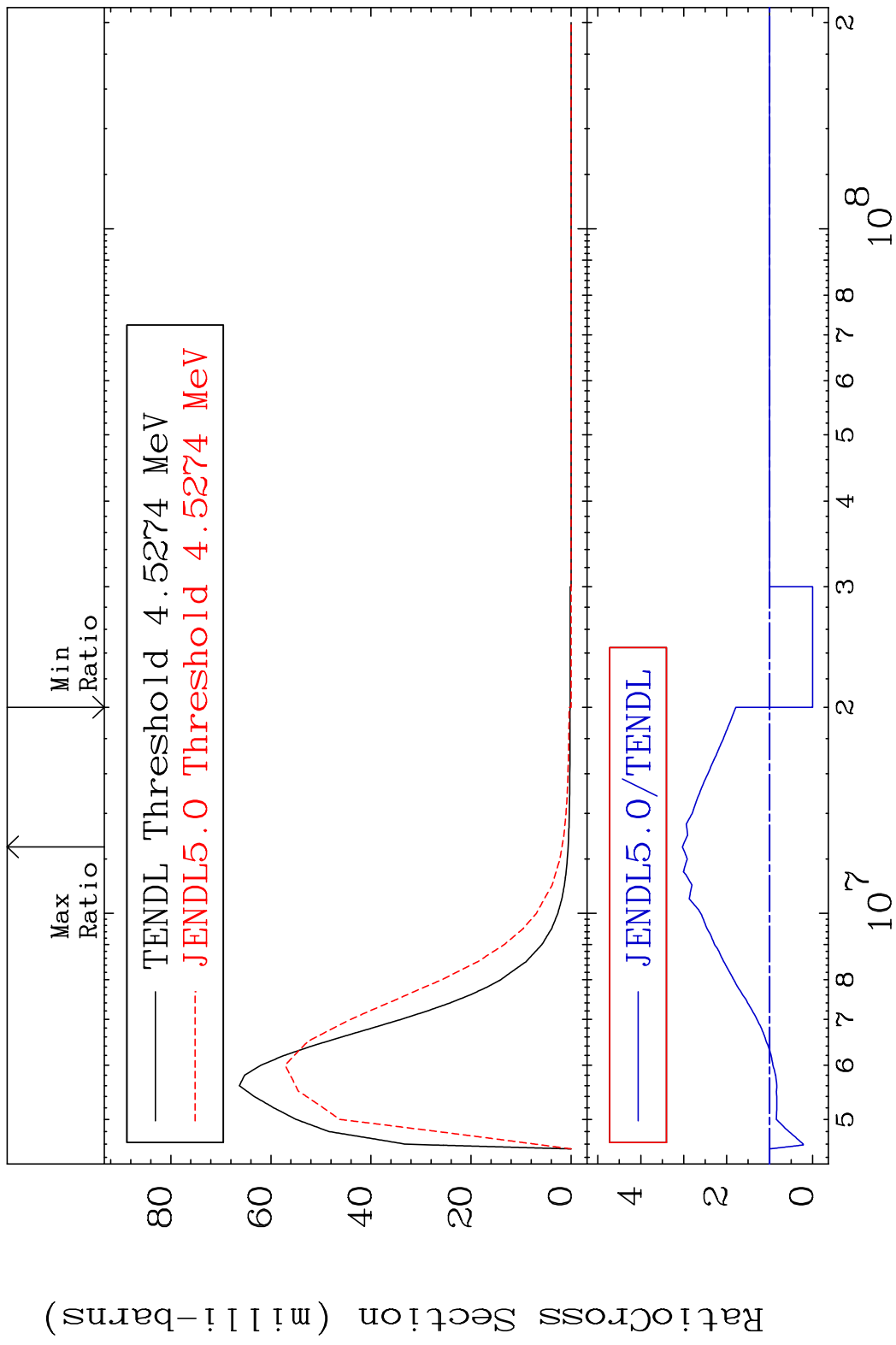


20 Incident Energy (eV) 20-Ca-46

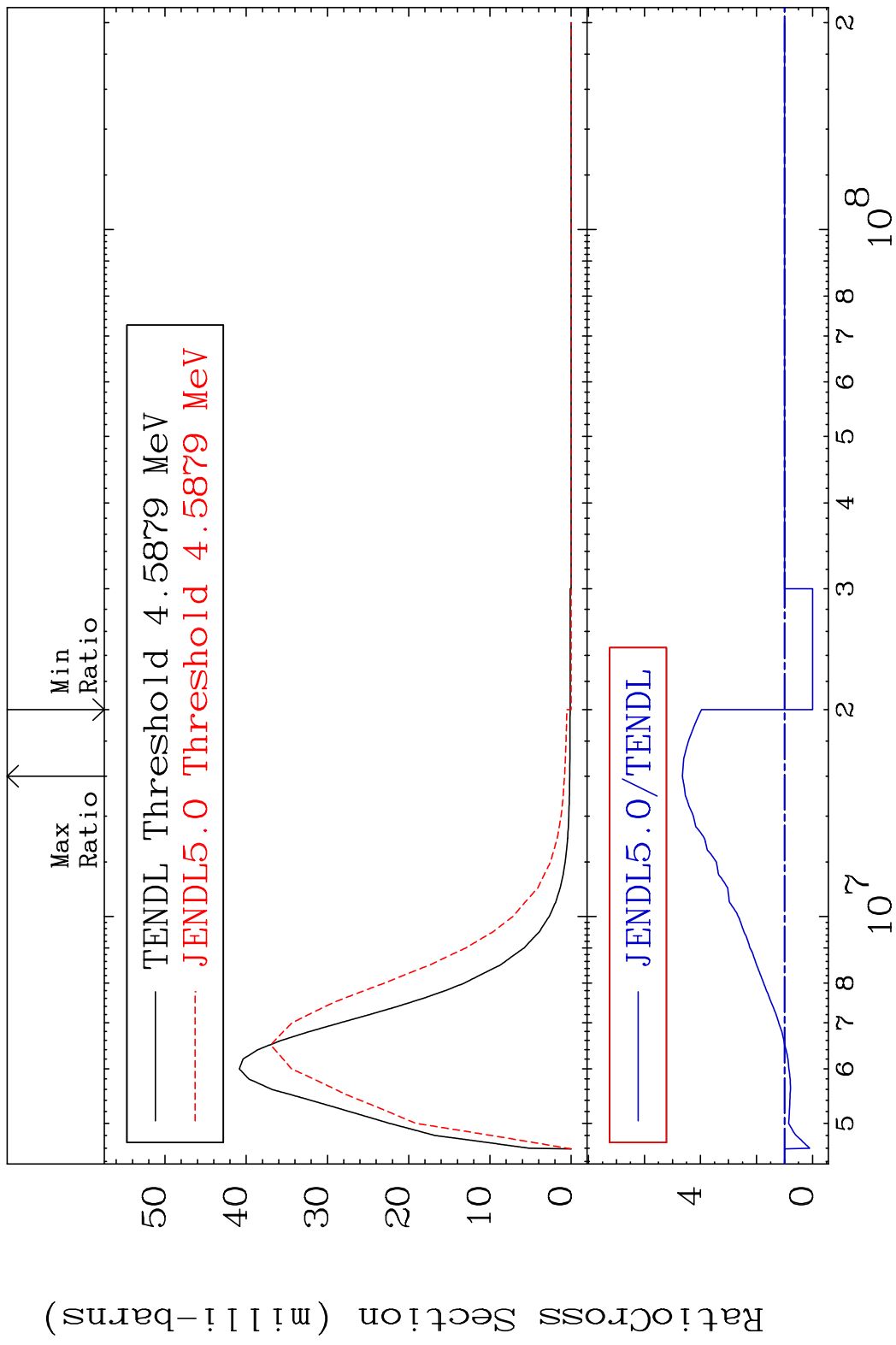
MAT 2043 MT= 63 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 330.7 %



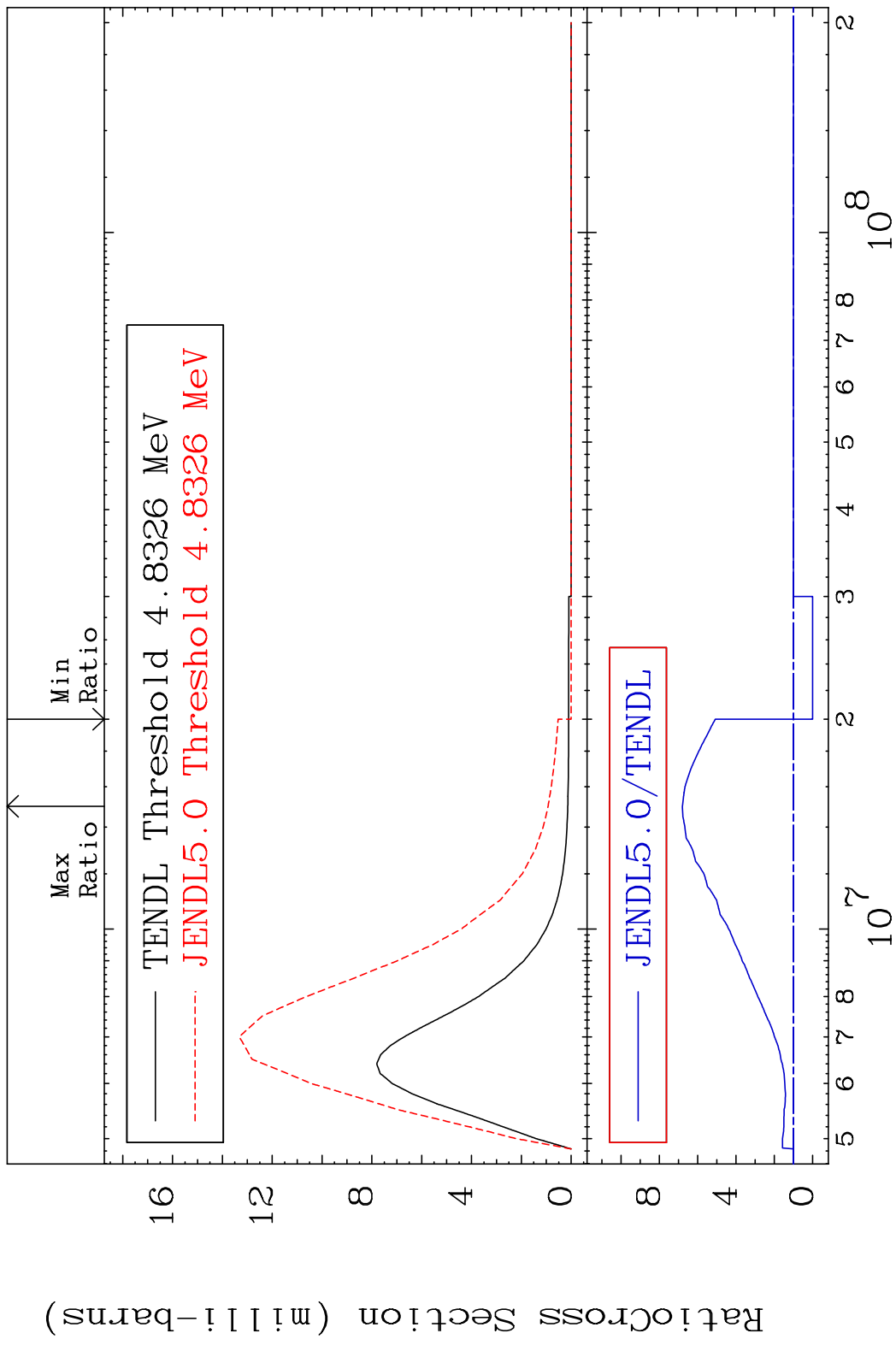
MAT 2043 MT= 64 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 203.2 %



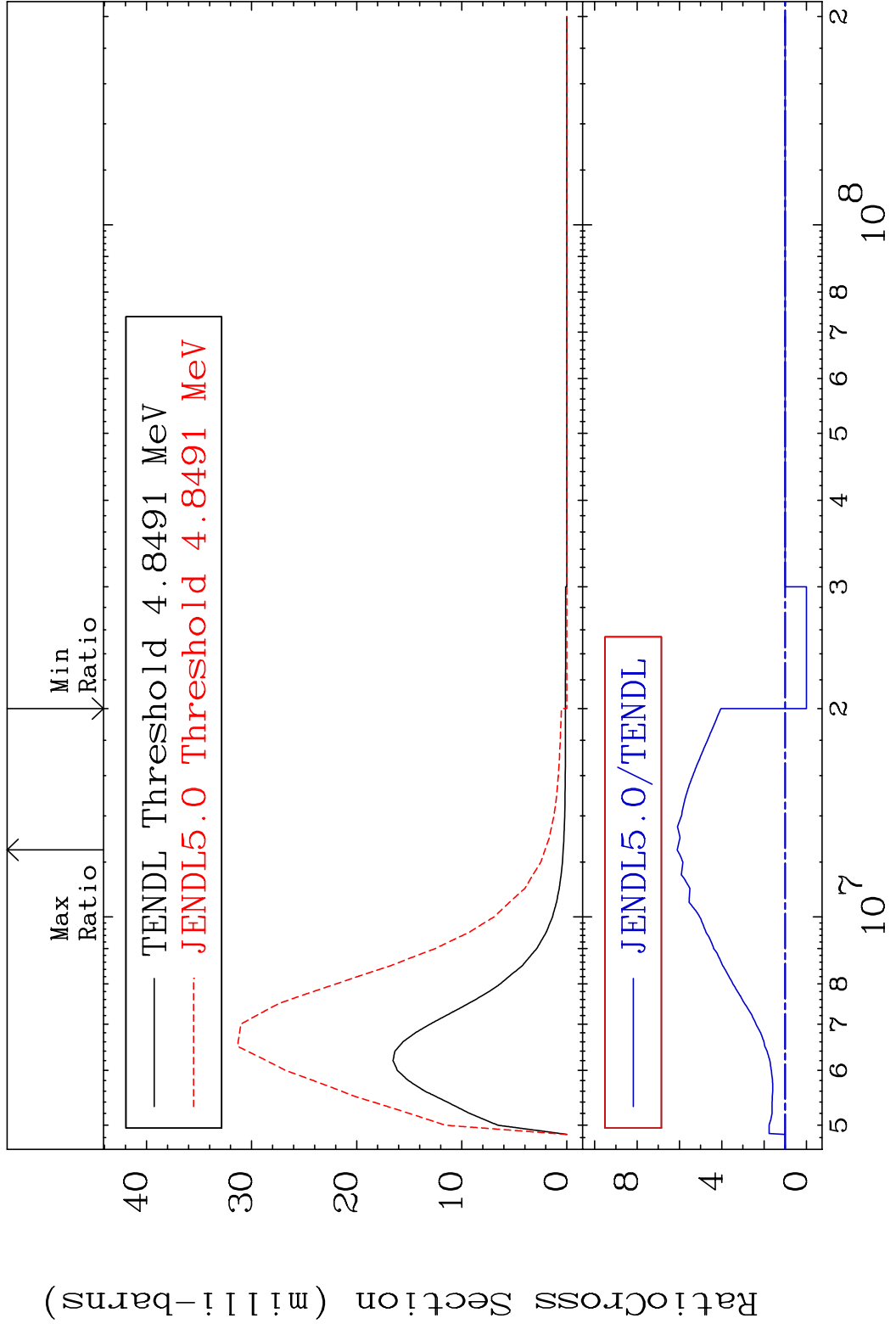
MAT 2043 MT= 65 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 364.8 %



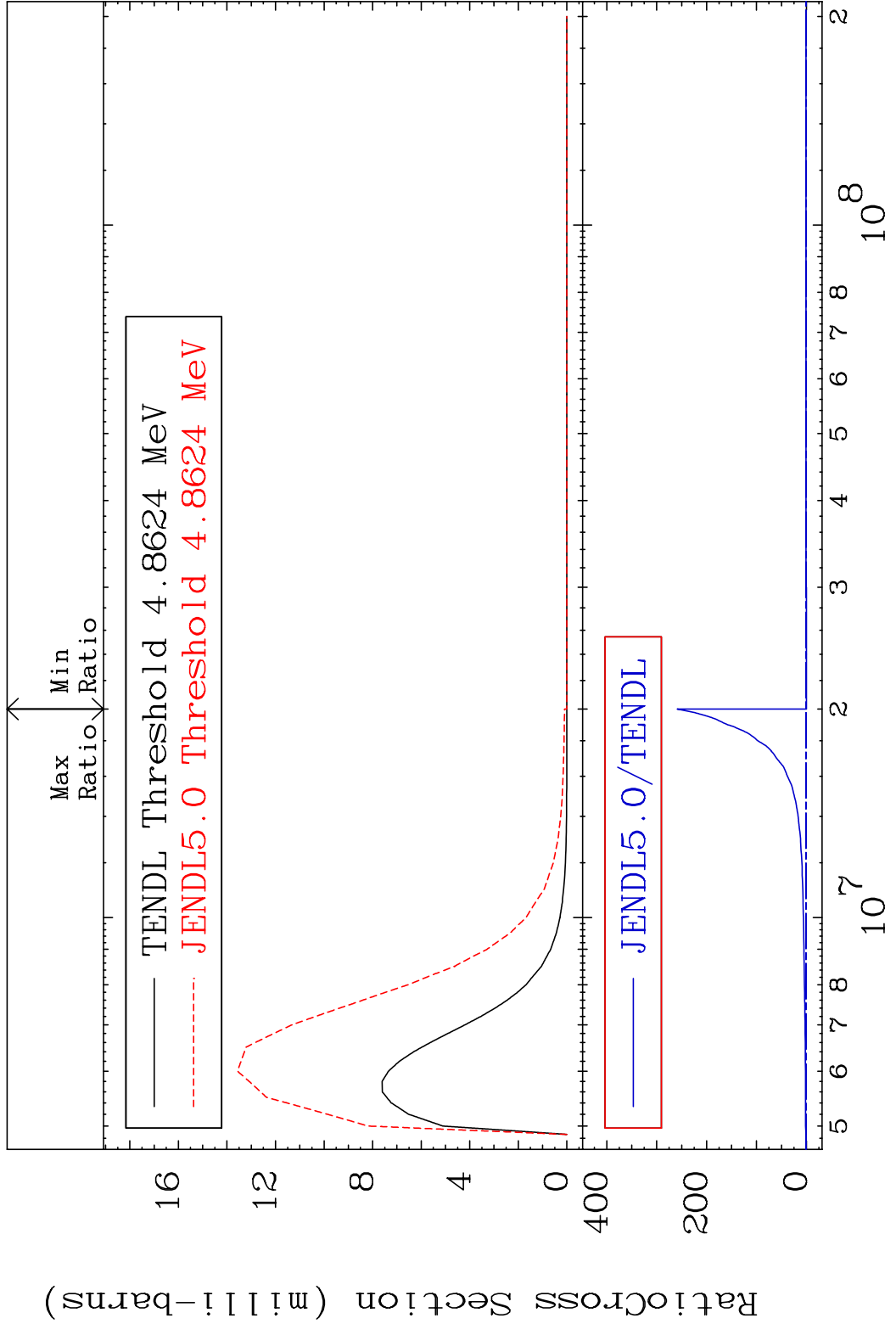
MAT 2043 MT= 66 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 579.9 %



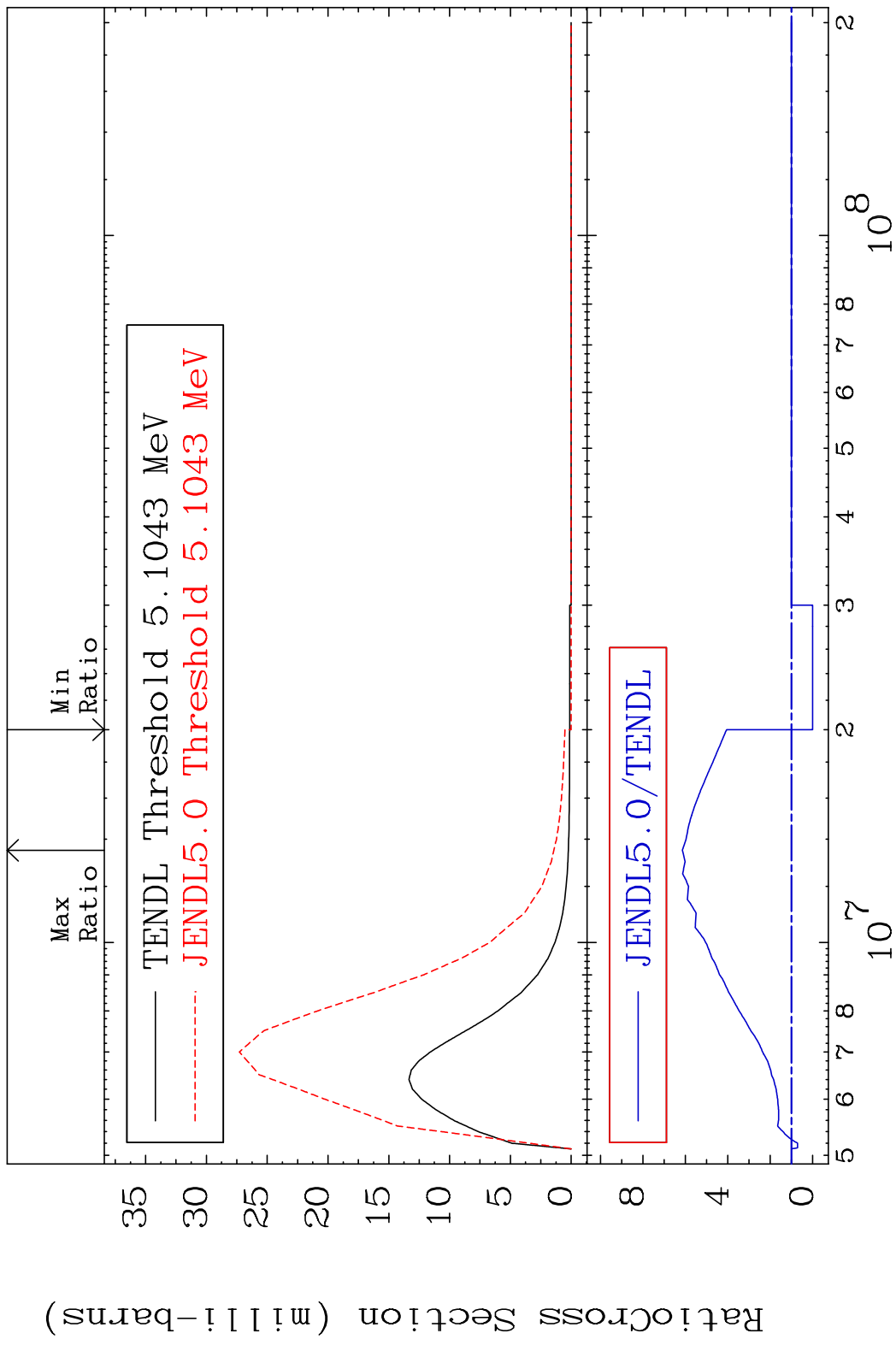
MAT 2043 MT= 67 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 510.4 %



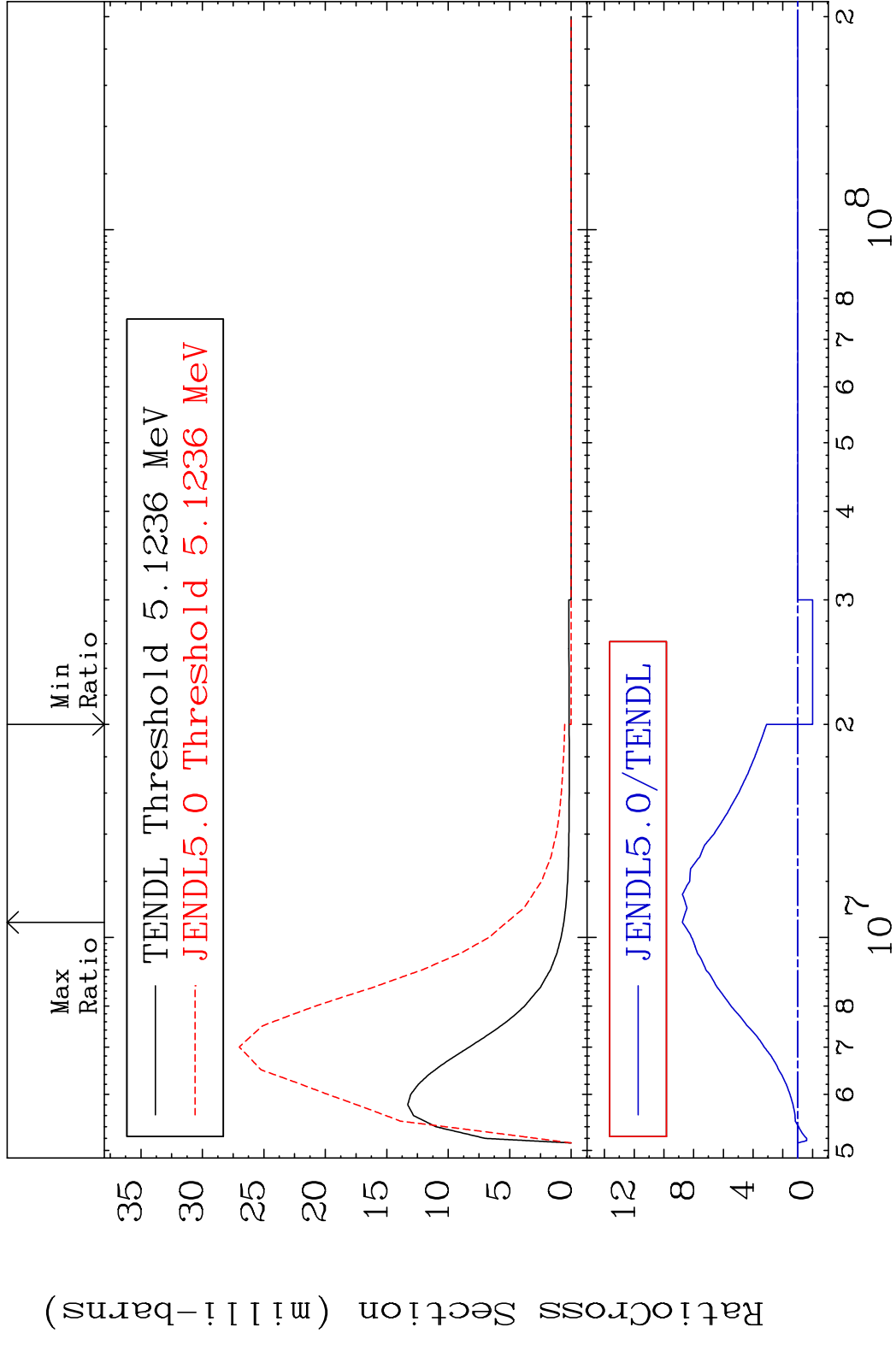
MAT 2043 MT= 68 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 9999. %



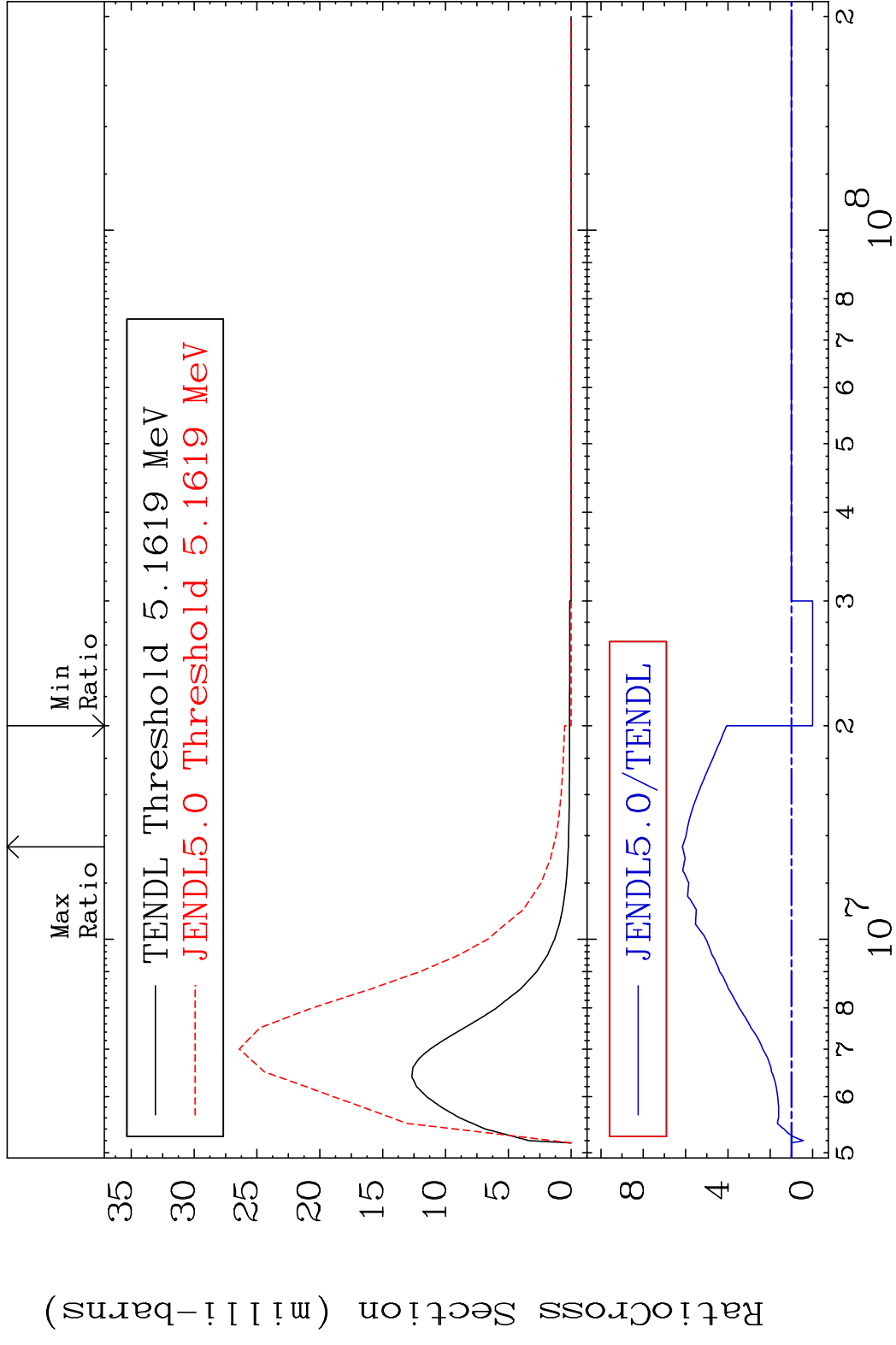
MAT 2043 MT= 69 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 514.0 %



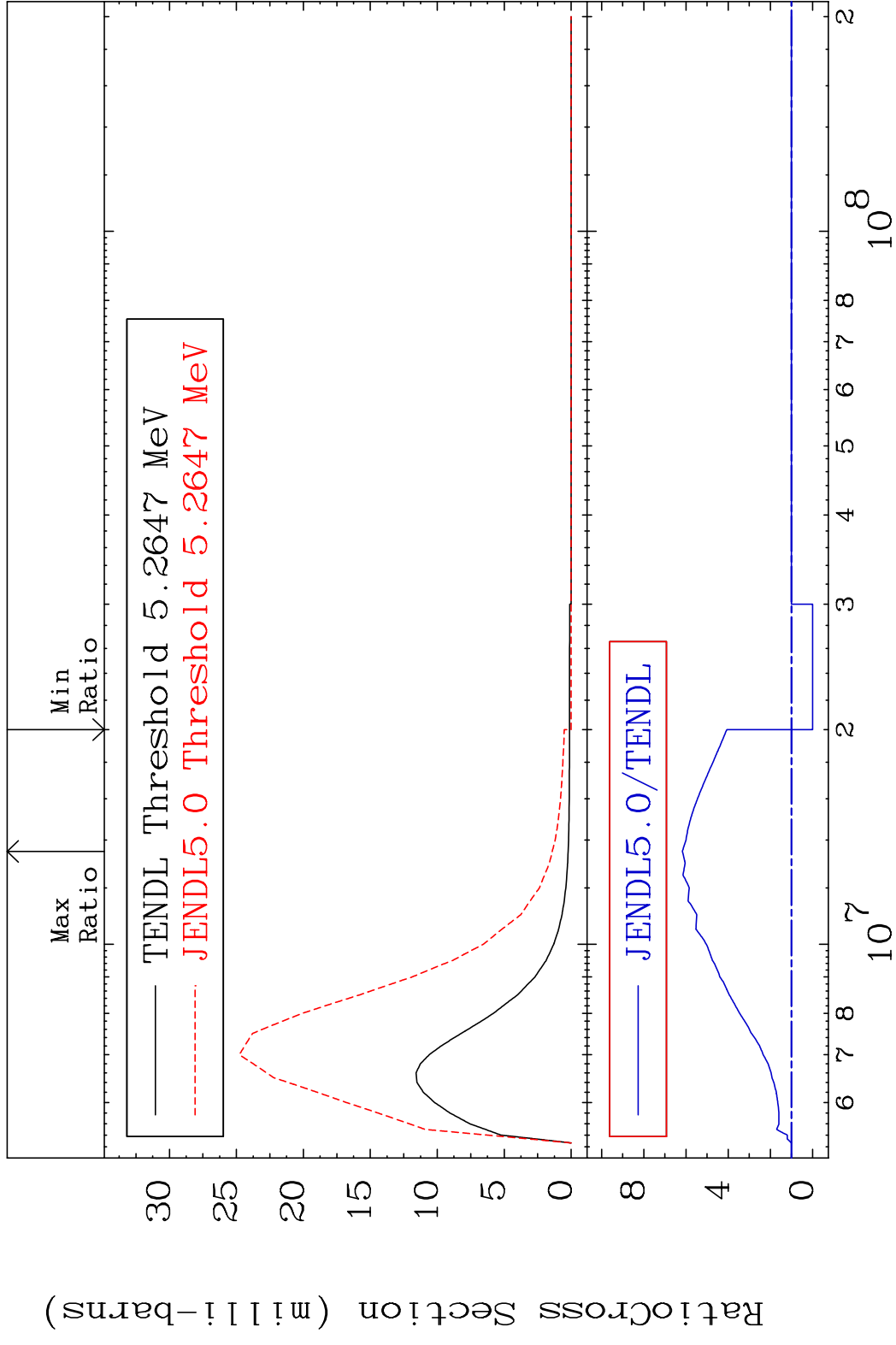
MAT 2043 MT= 70 (n,n') Level 20-Ca-46
 Cross Section -100.0 To 775.9 %



MAT 2043 MT= 71 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 515.1 %



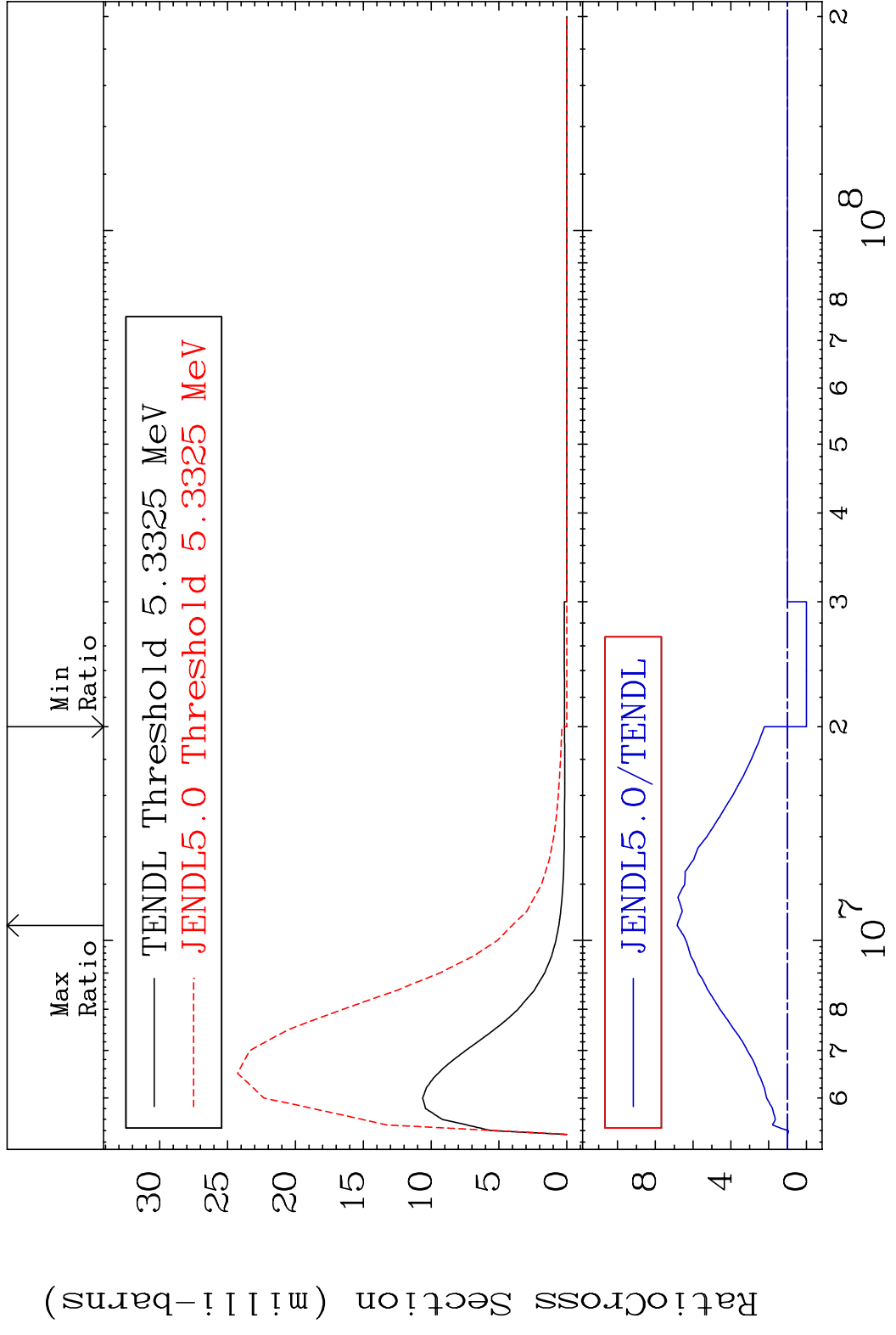
MAT 2043 MT= 72 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 517.1 %



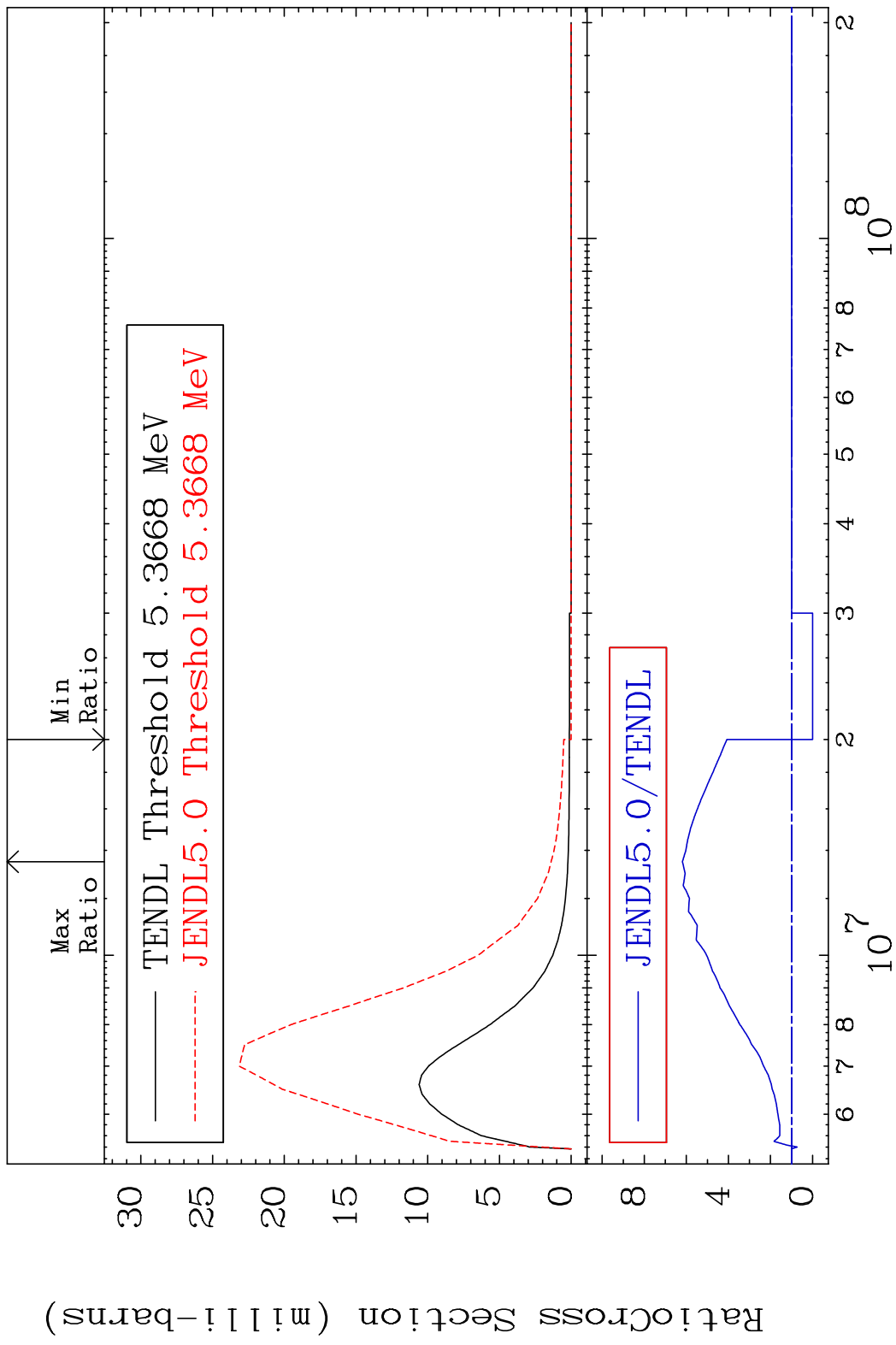
30

20-Ca-46

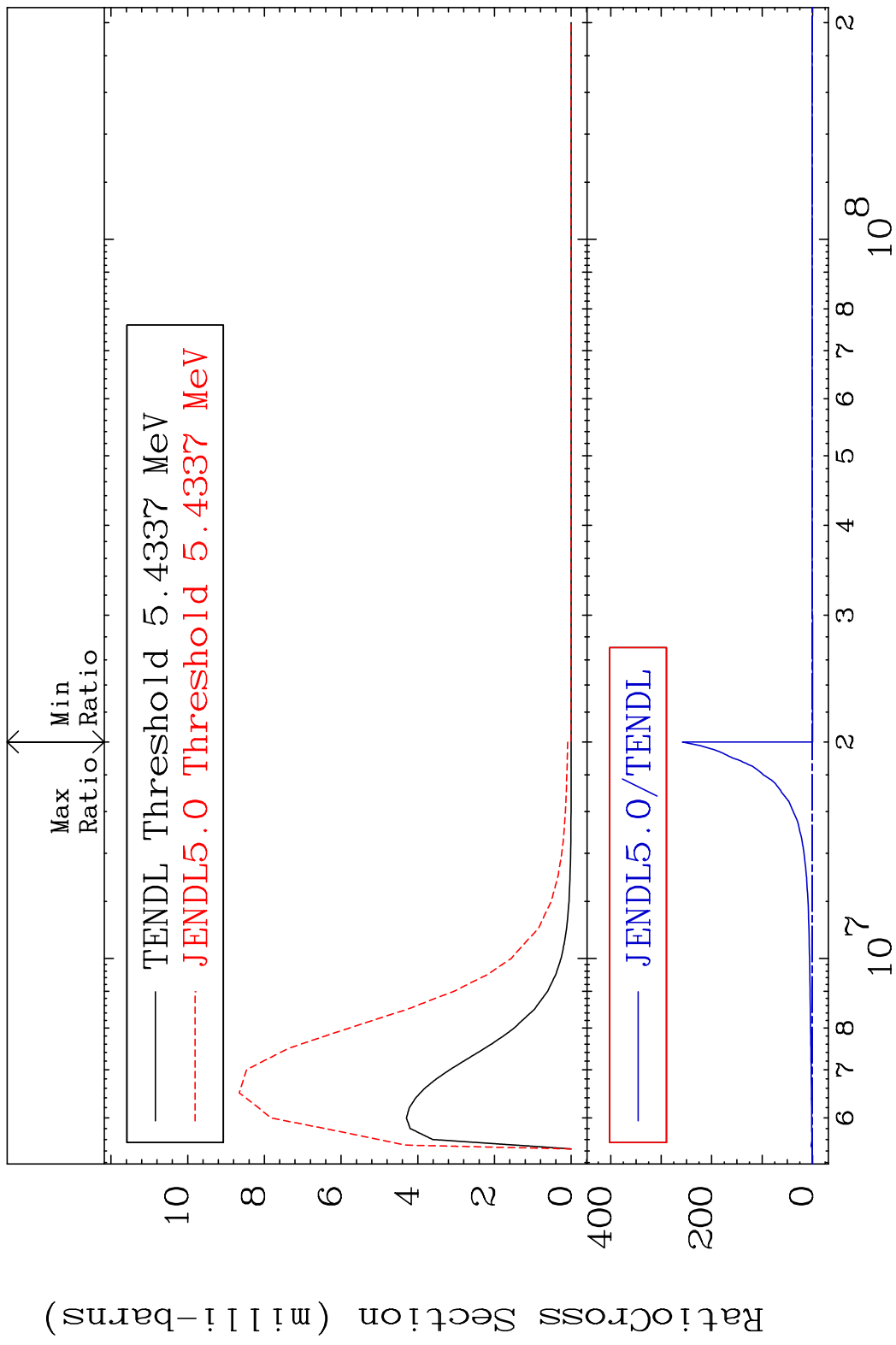
MAT 2043 MT= 73 (n,n') Level 20-Ca-46
 Cross Section -100.0 To 584.1 %



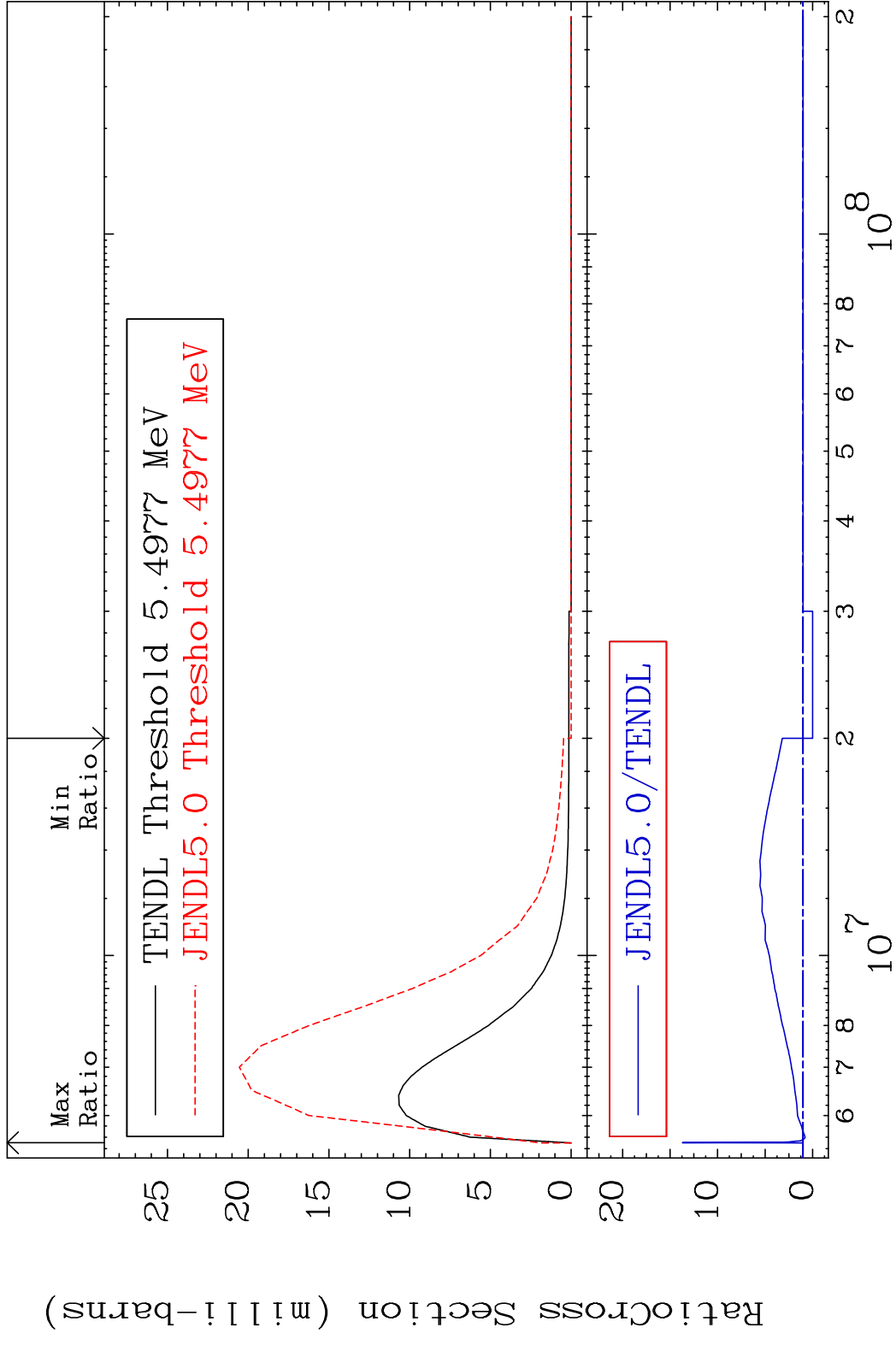
MAT 2043 MT= 74 (n,n') Level 20-Ca-46
 Cross Section -100.0 To 518.9 %



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

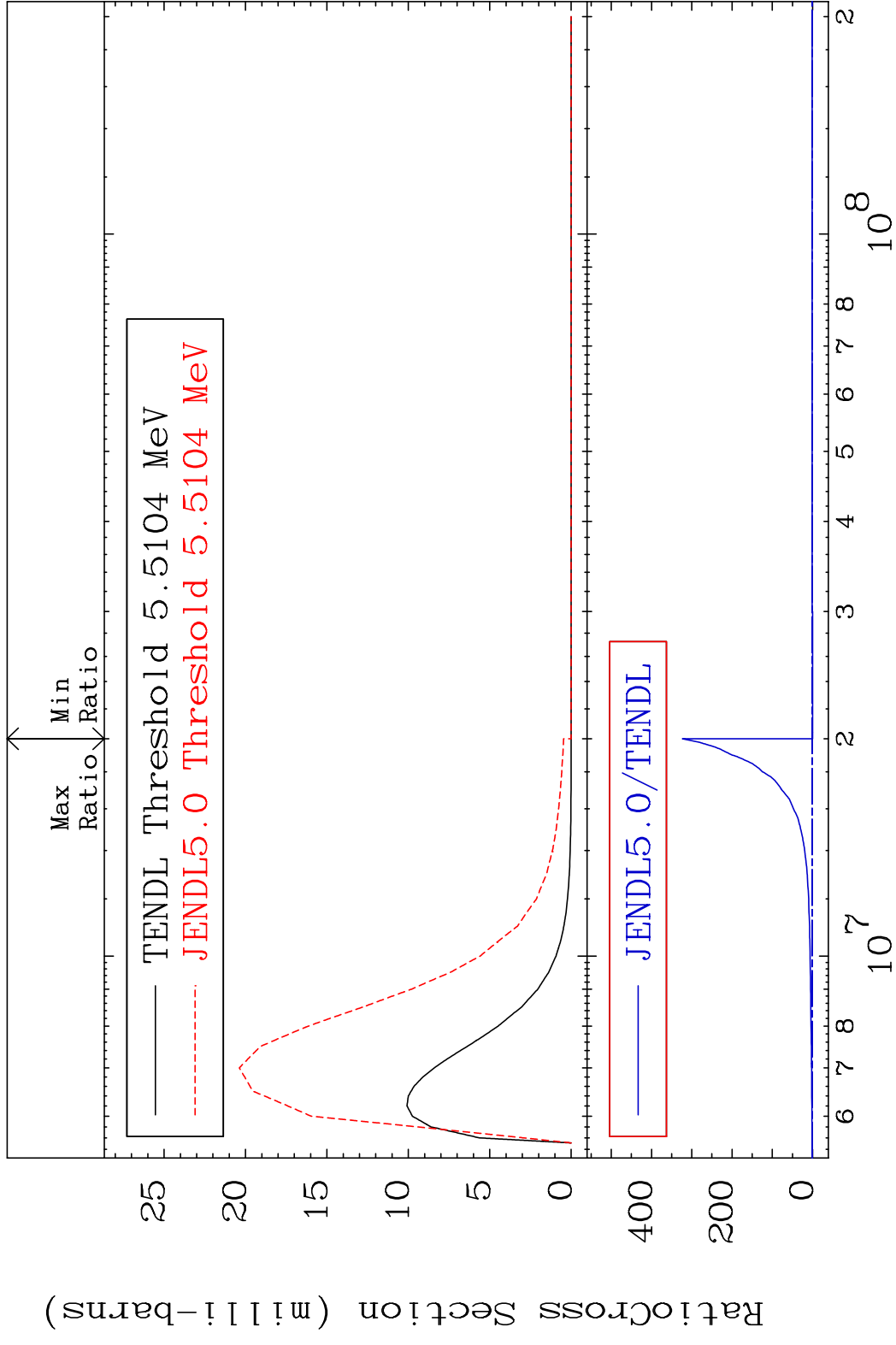


MAT 2043 MT= 76 (n,n') Level 20-Ca-46
 Cross Section -100.0 To 1271. %

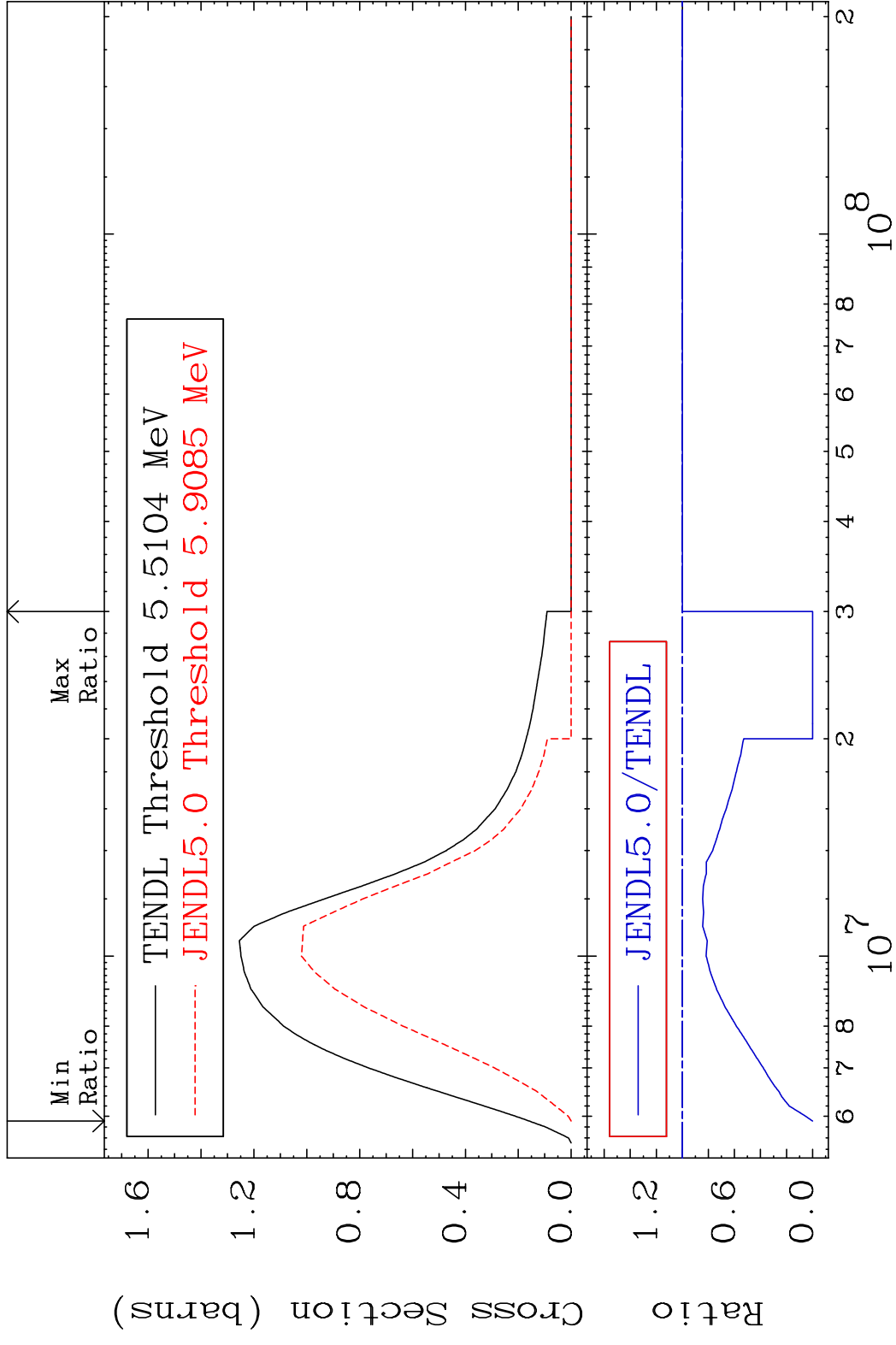


34 Incident Energy (eV) 20-Ca-46

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



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



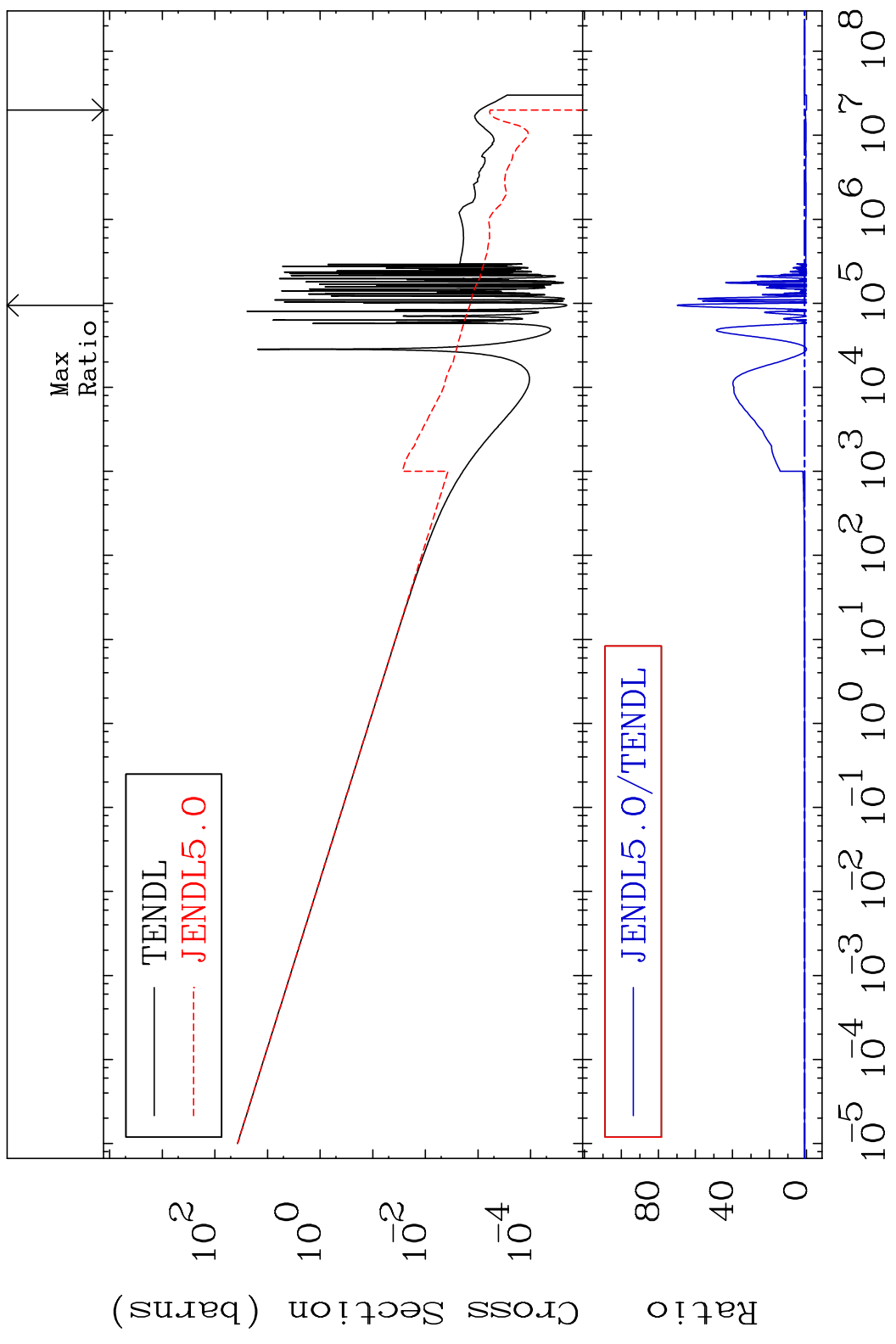
36 Incident Energy (eV) 20-Ca-46

MAT 2043

(n, γ)

20-Ca-46

Cross Section -100.0 To 6885. %

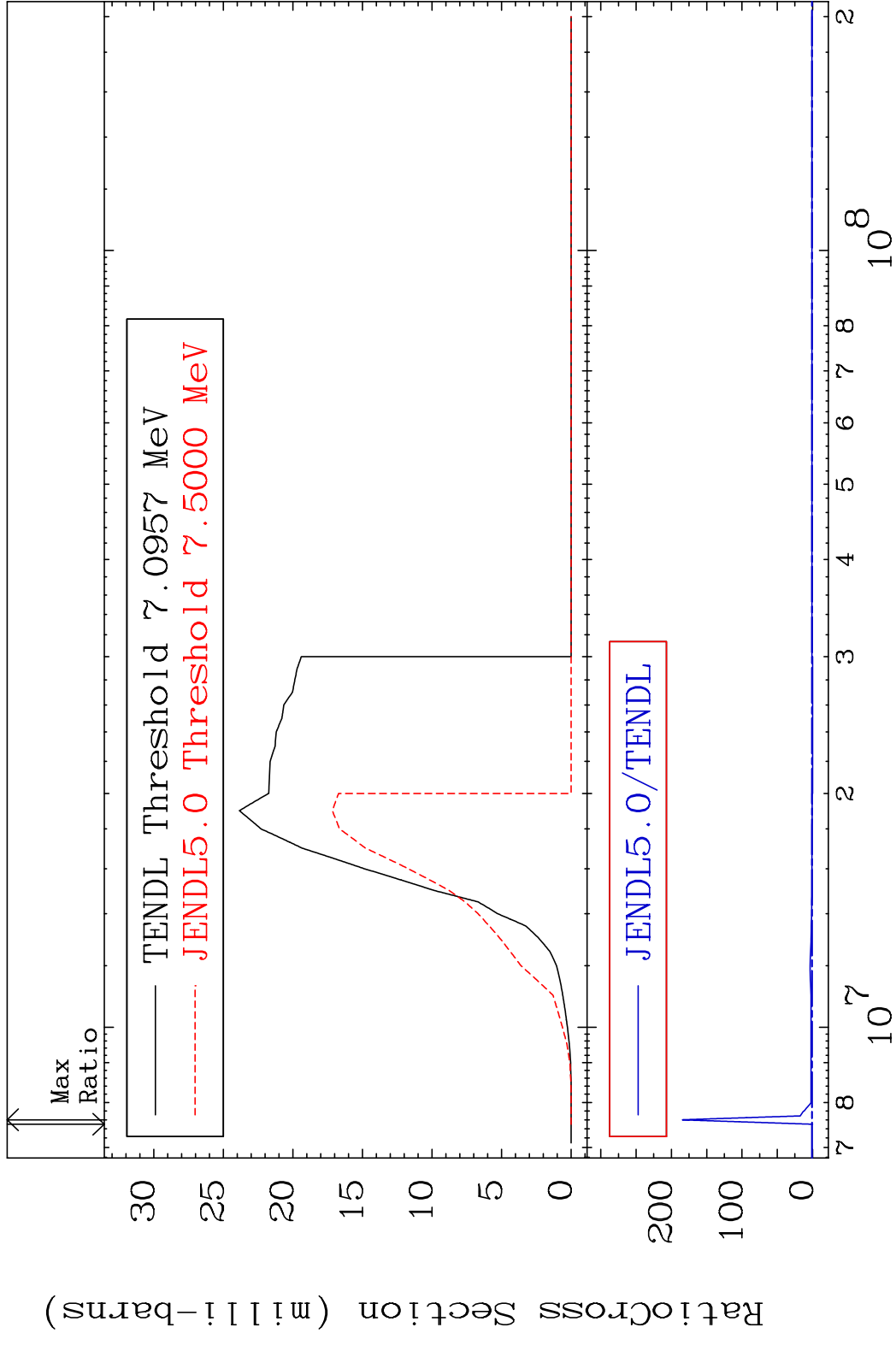


37

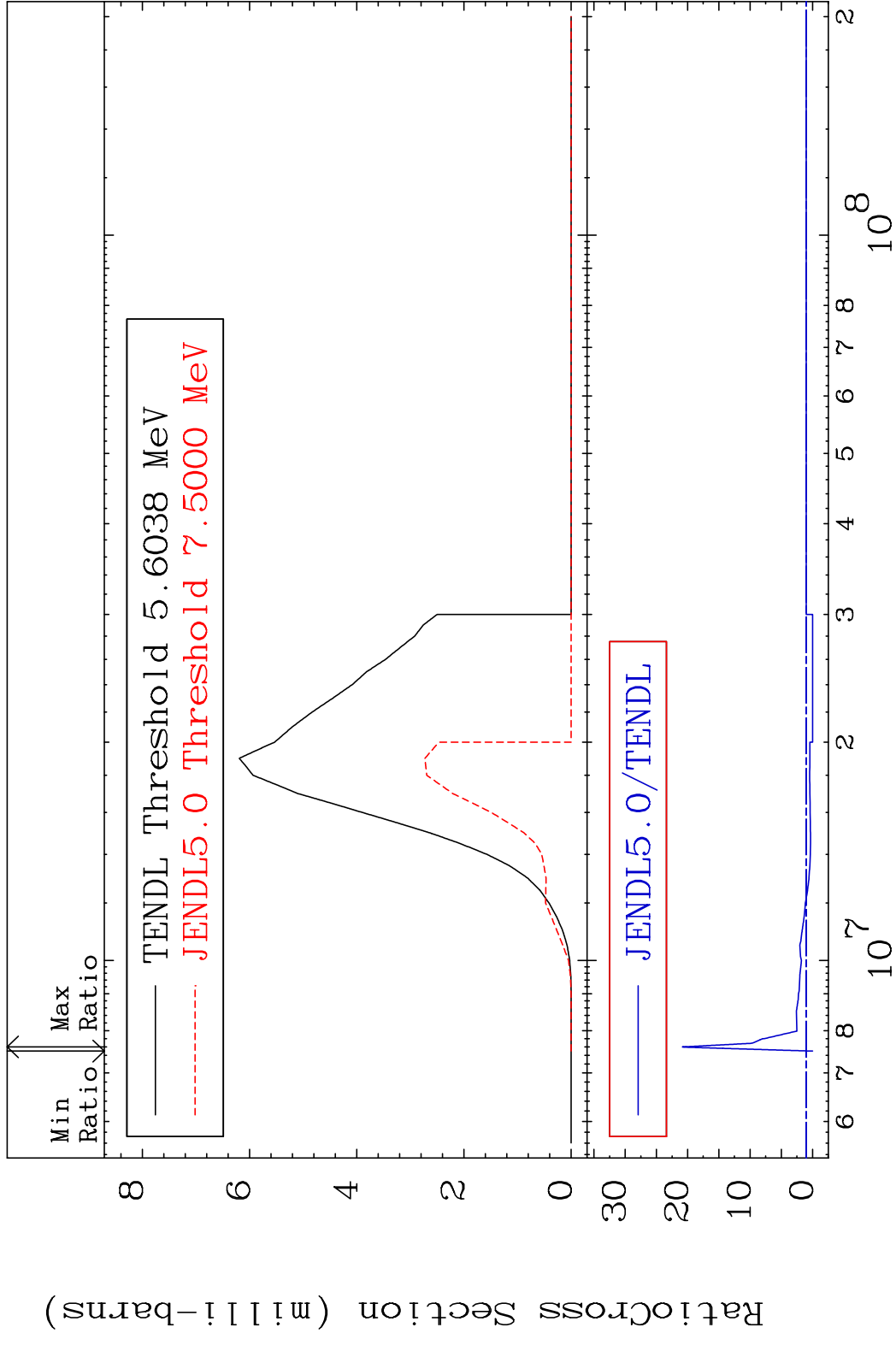
Incident Energy (eV)

20-Ca-46

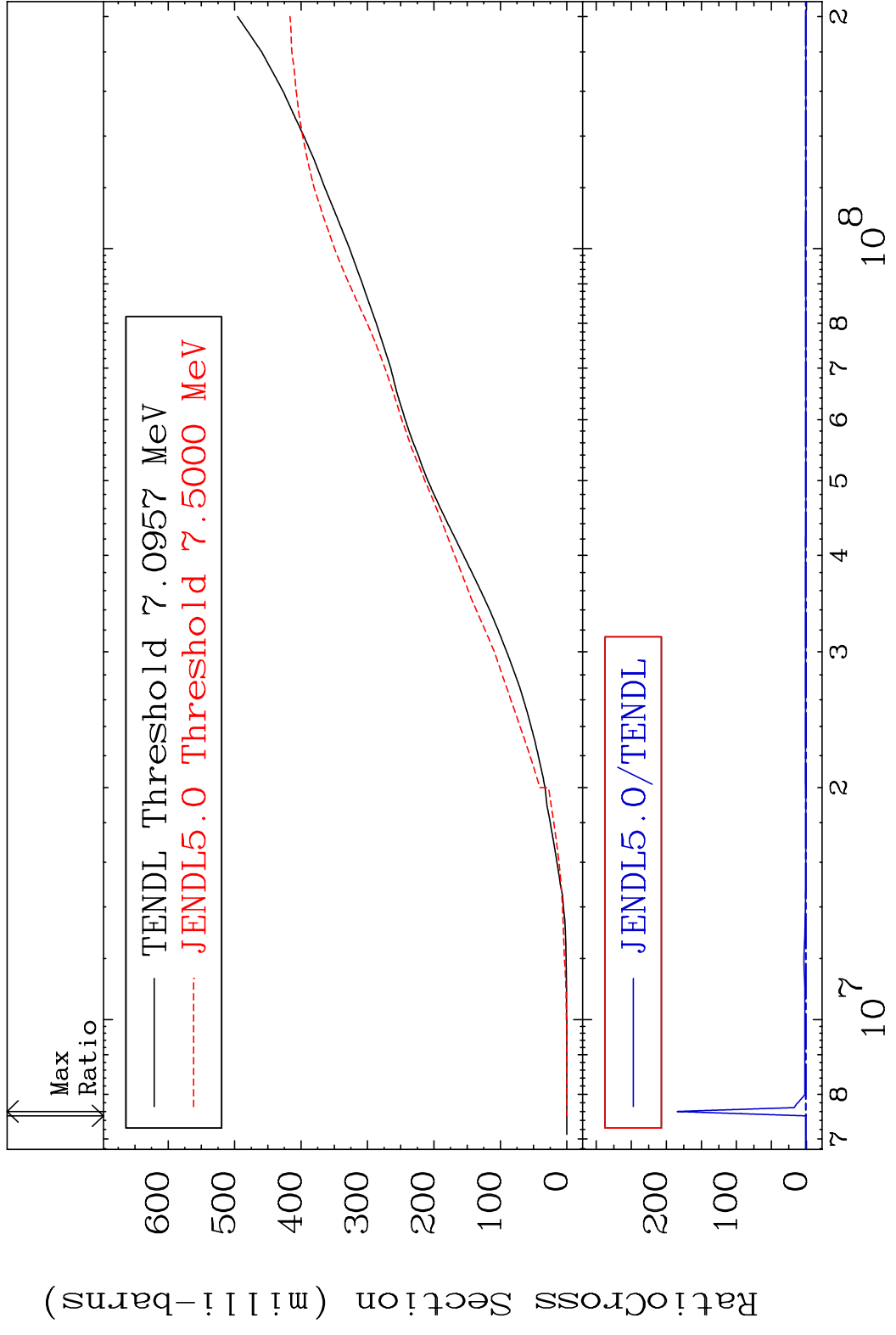
MAT 2043 (n,p) 20-Ca-46
 Cross Section -100.0 To 9999. %



MAT 2043 (n, α) 20-Ca-46
 Cross Section -100.0 To 1984. %

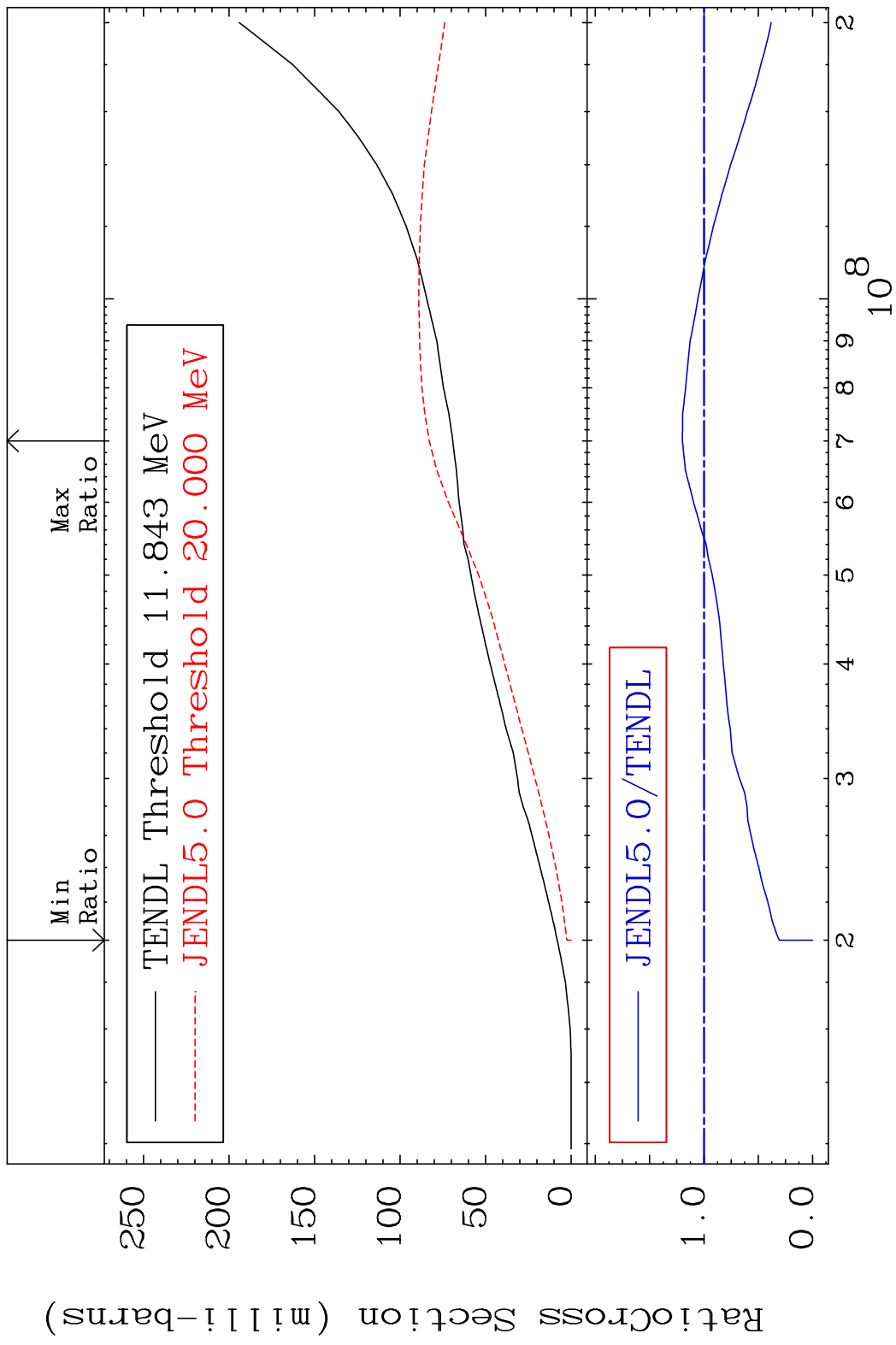


MAT 2043 Hydrogen Production 20-Ca-46
 Cross Section -100.0 To 9999. %



40 Incident Energy (eV) 20-Ca-46

MAT 2043 Deuterium Production 20-Ca-46
 Cross Section -100.0 To 19.89 %

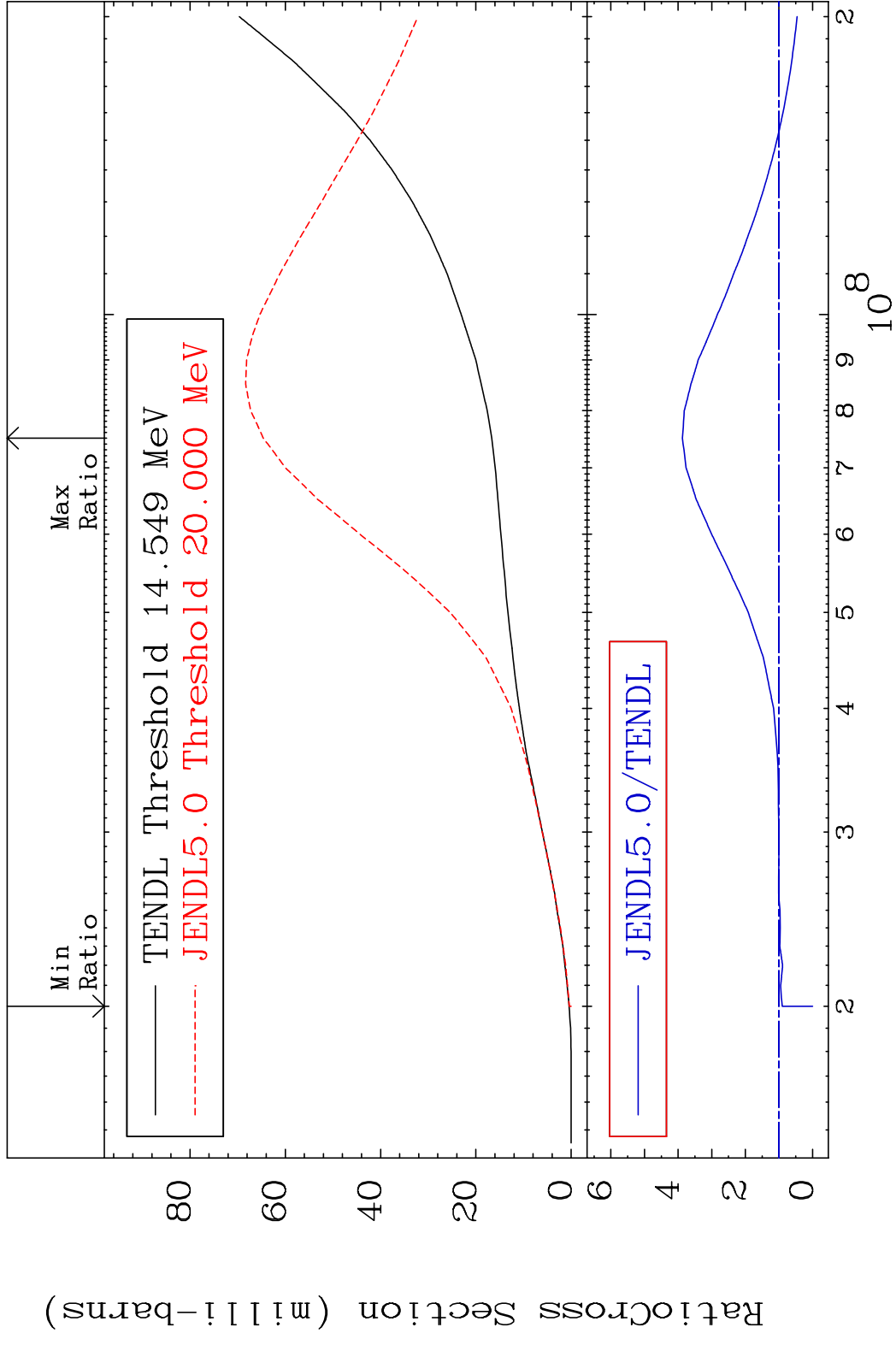


MAT 2043

Tritium Production

20-Ca-46

Cross Section -100.0 To 287.4 %

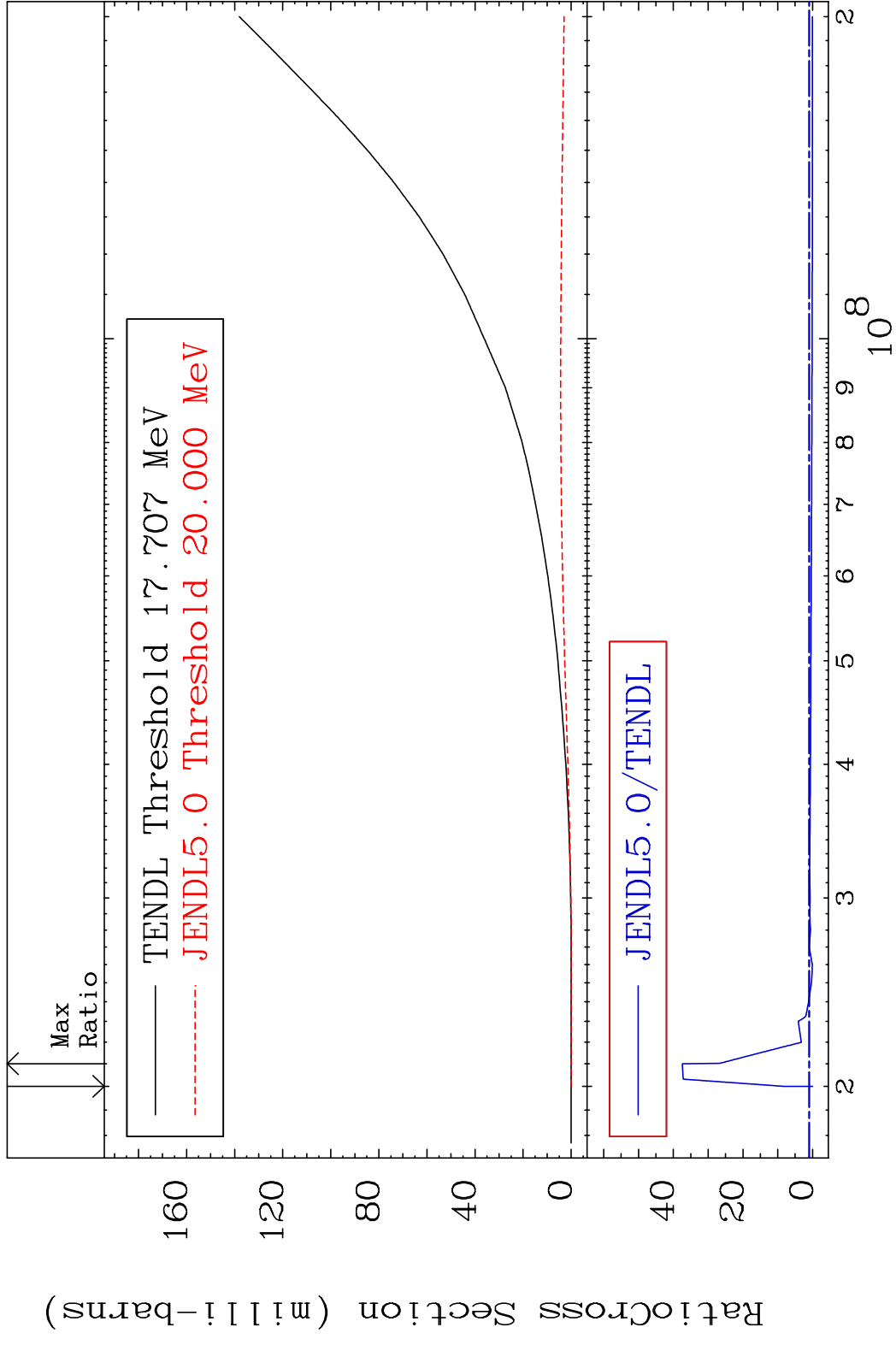


42

Incident Energy (eV)

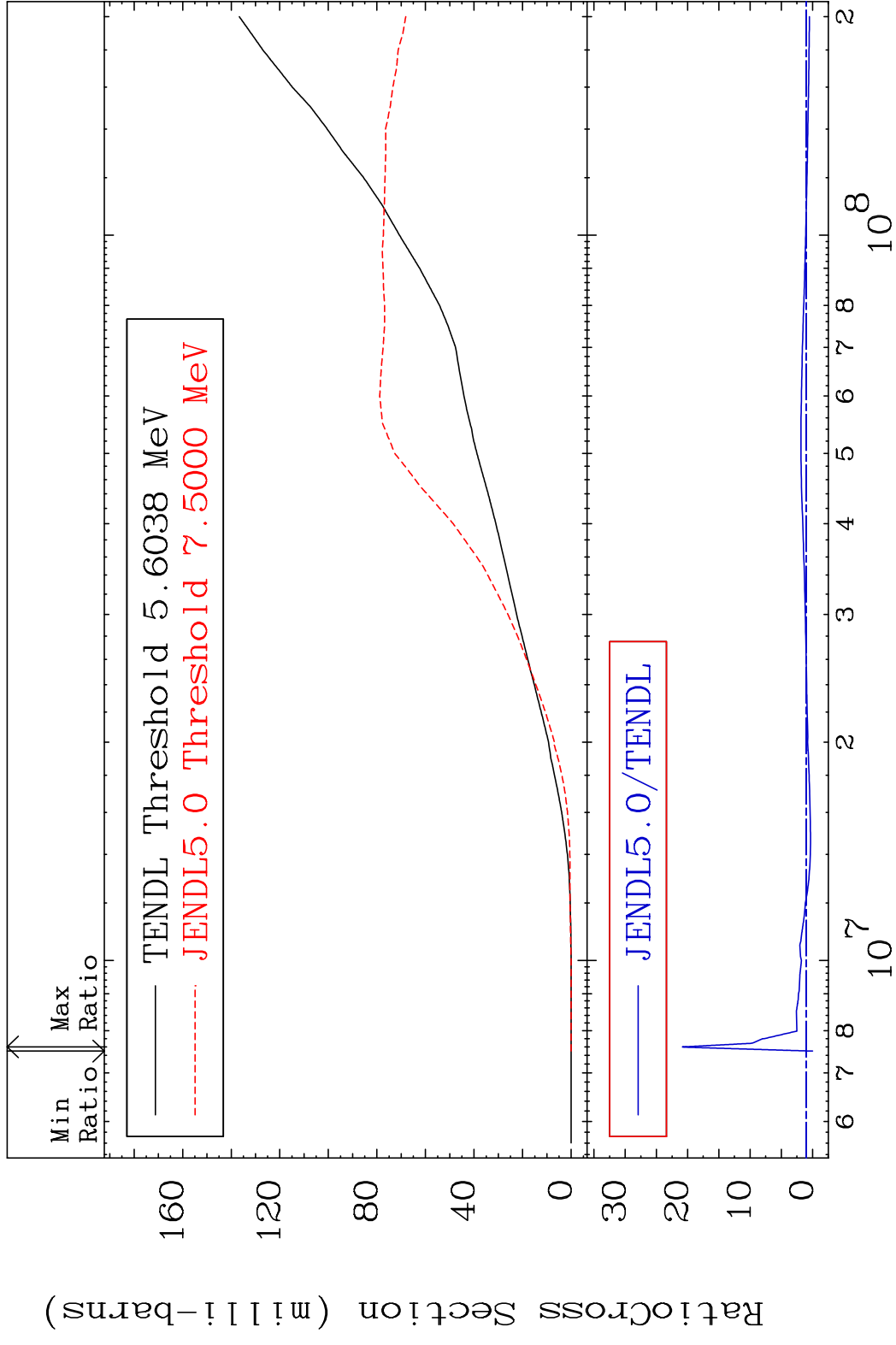
20-Ca-46

MAT 2043 He-3 Production 20-Ca-46
 Cross Section -100.0 To 3641. %



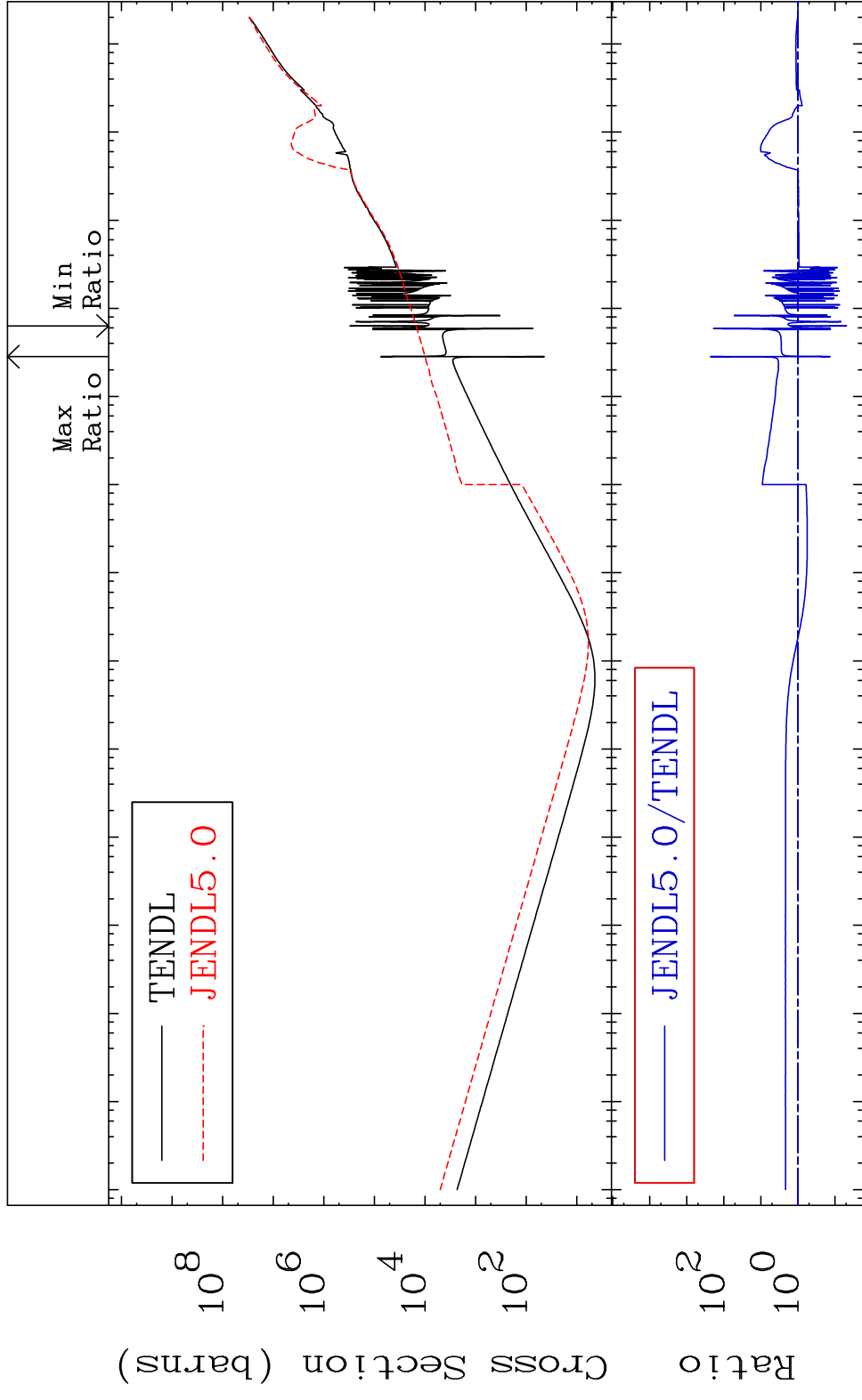
43 20-Ca-46

MAT 2043 He-4 Production 20-Ca-46
 Cross Section -100.0 To 1984. %



44 20-Ca-46

MAT 2043 Kerma total (eV-barns) 20-Ca-46
 Cross Section -95.08 To 9999. %

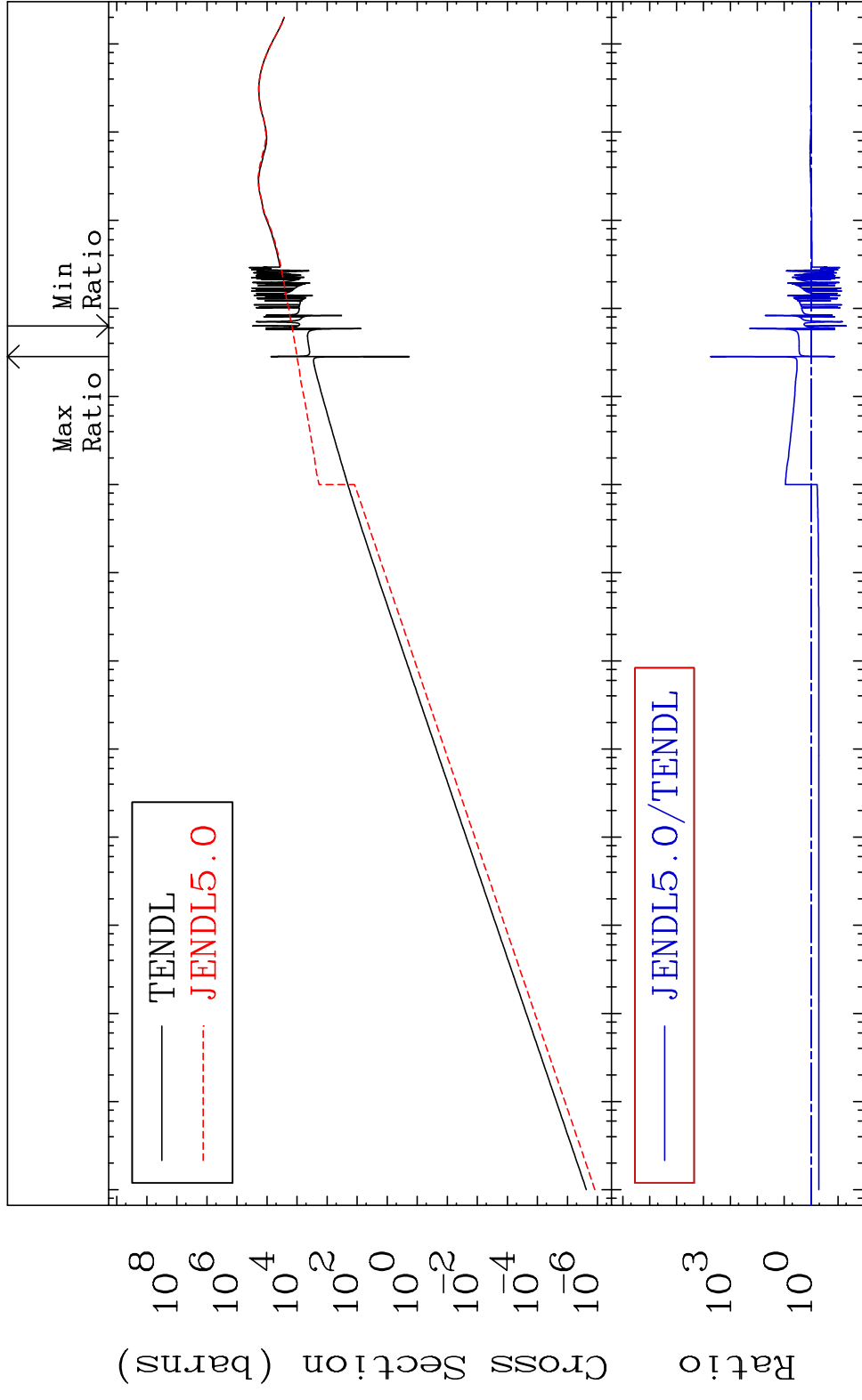


45 Incident Energy (eV) 20-Ca-46

MAT 2043

Kerma elastic
Cross Section -95.07 To 9999. %

20-Ca-46

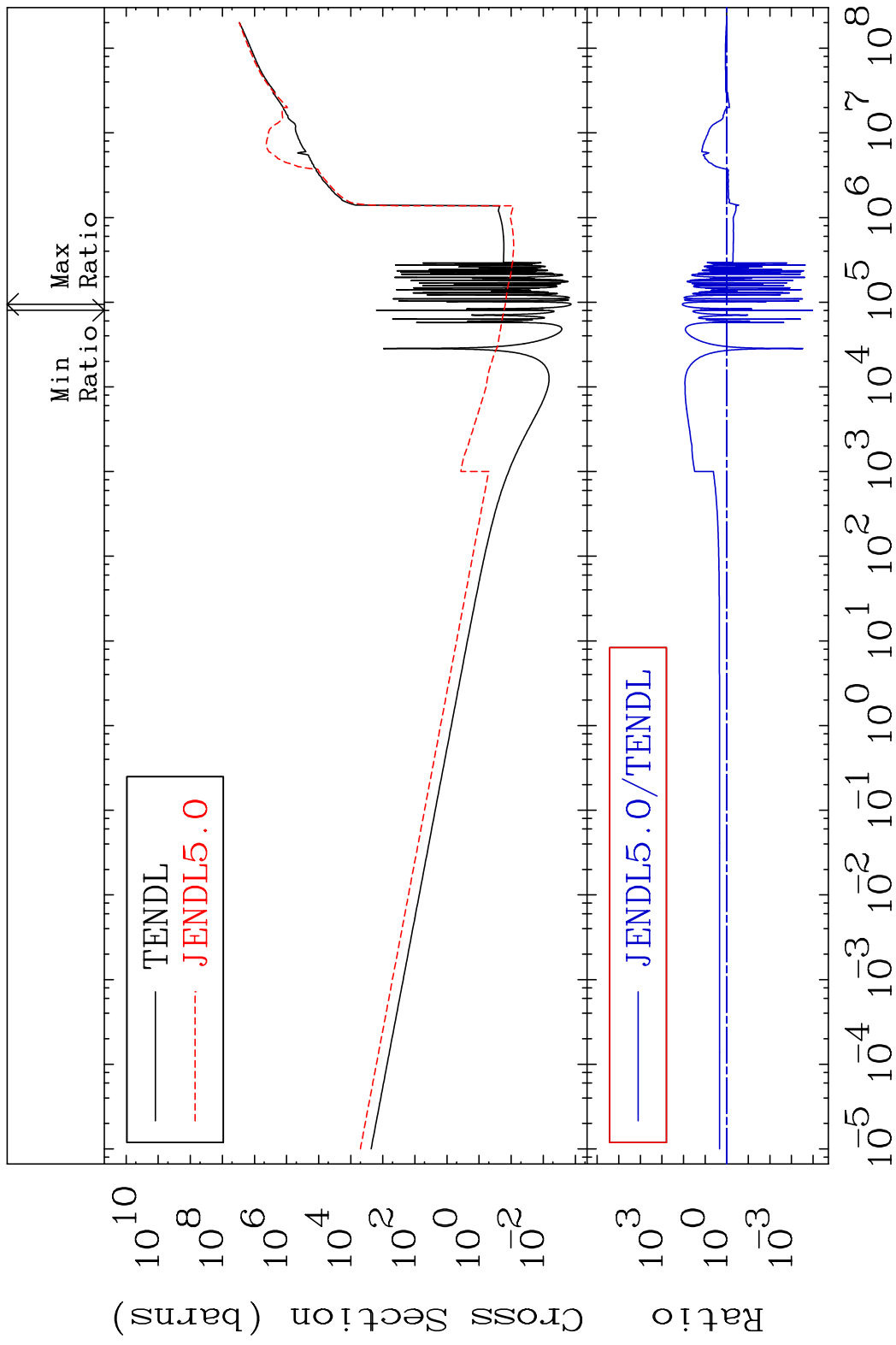


46

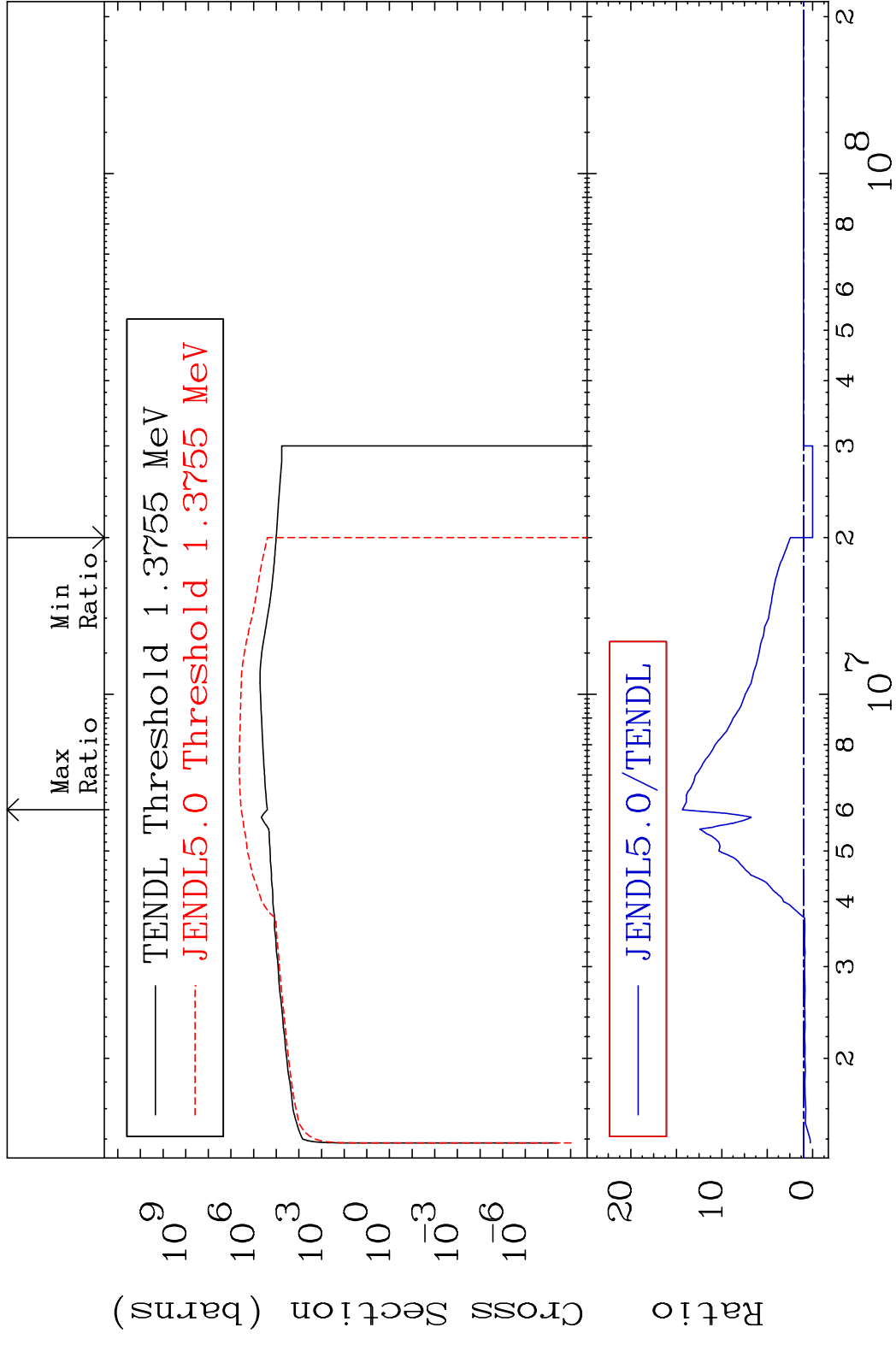
Incident Energy (eV)

20-Ca-46

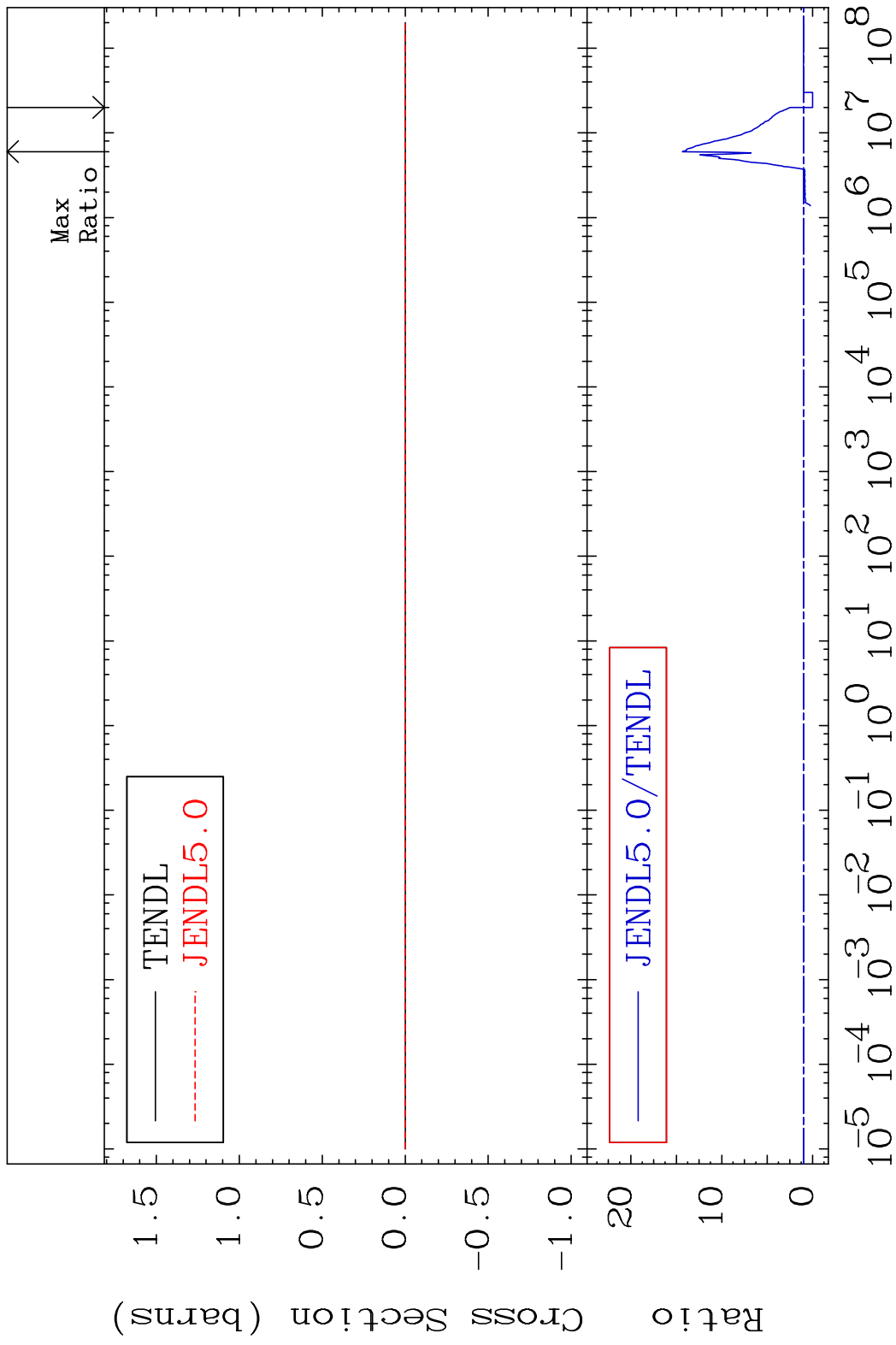
MAT 2043 Kerma non-elastic (all but mt2) 20-Ca-46
 Cross Section -99.99 To 9999. %



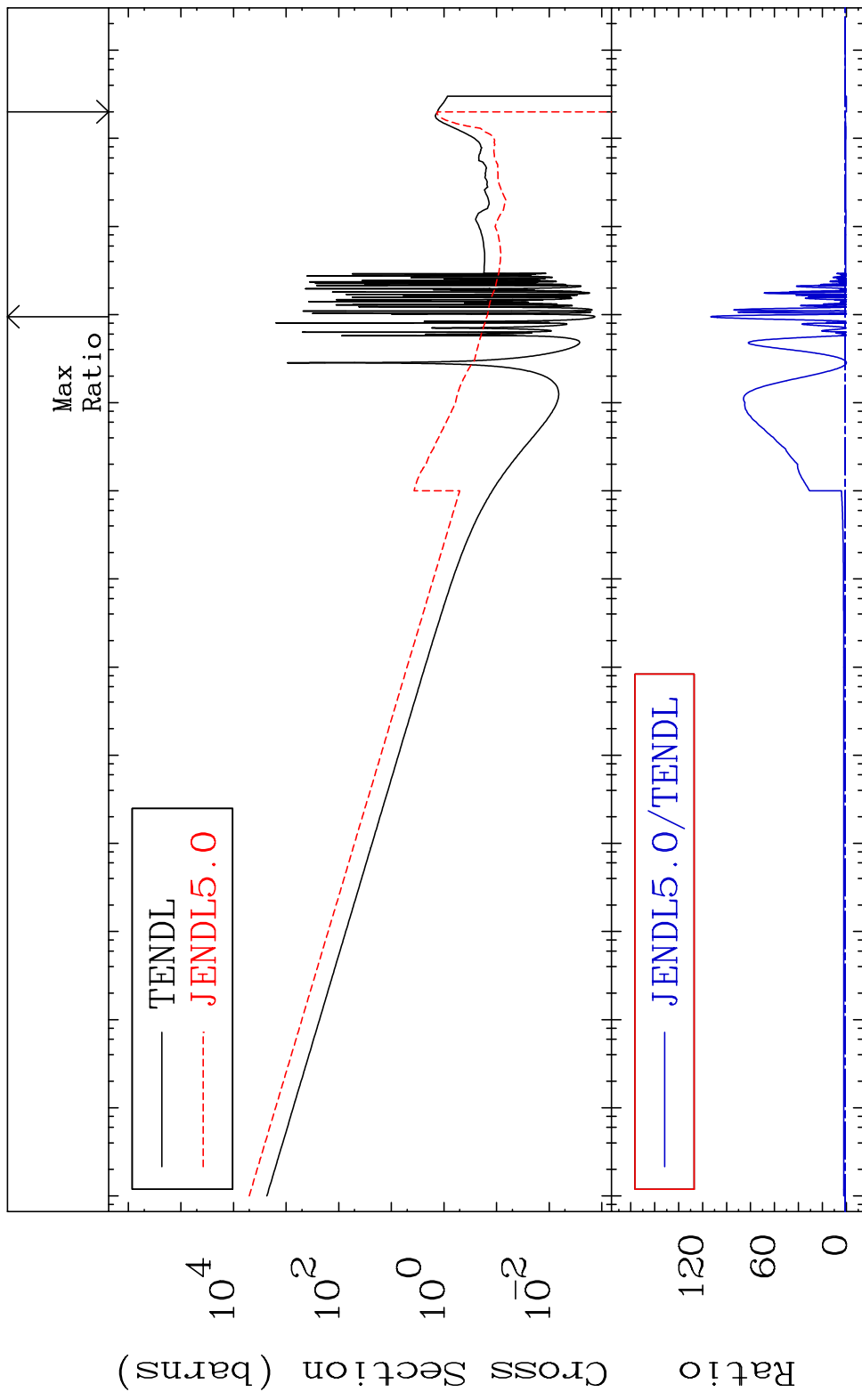
MAT 2043 Kerma inelastic (mt51-91) 20-Ca-46
 Cross Section -100.0 To 1334. %



MAT 2043 Kerma fission (mt18 or mt19-20-21-38) 20-Ca-46
 Cross Section -100.0 To 1334. %

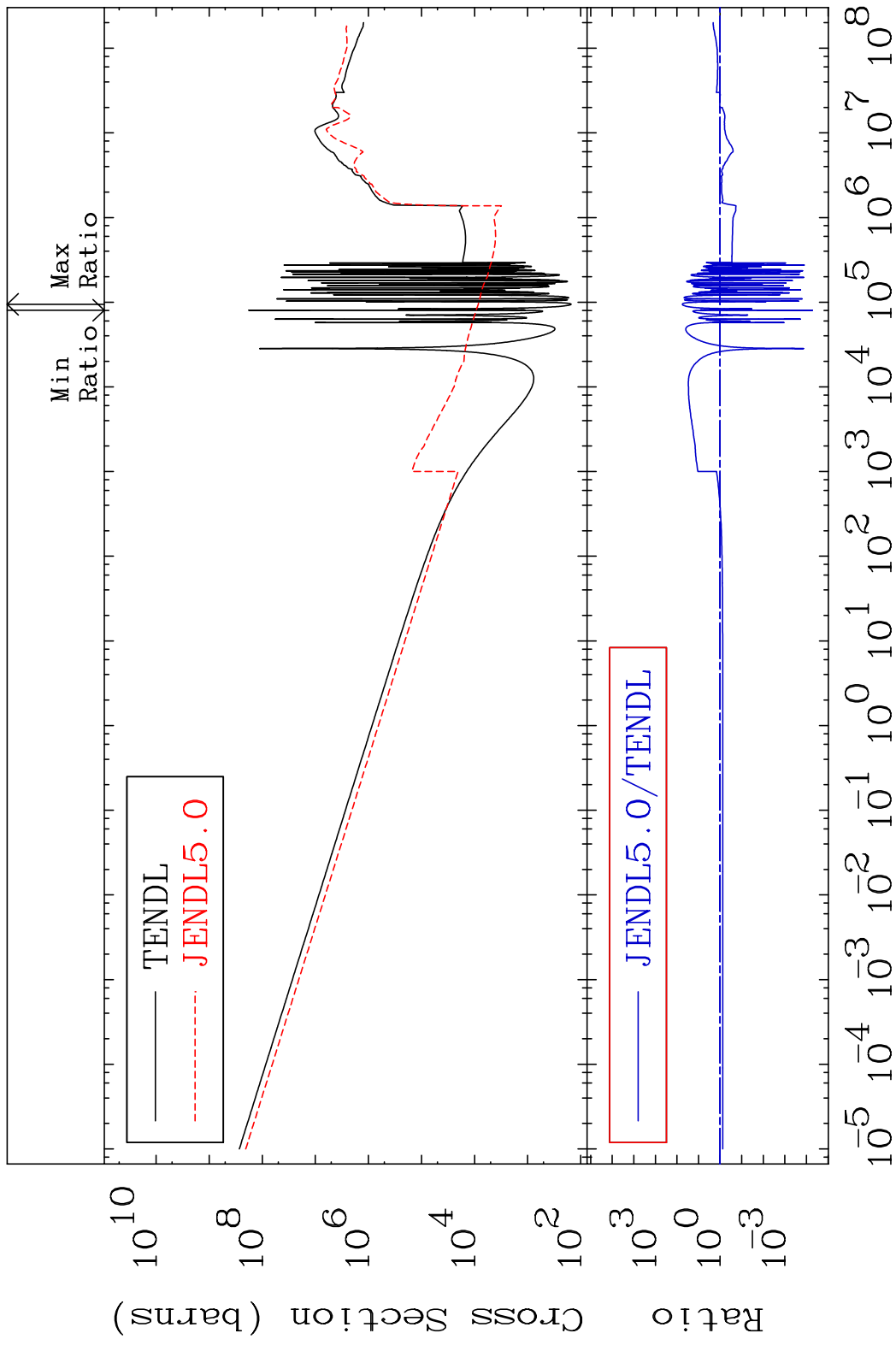


MAT 2043 Kerma capture (mt102) 20-Ca-46
 Cross Section -100.0 To 9999. %

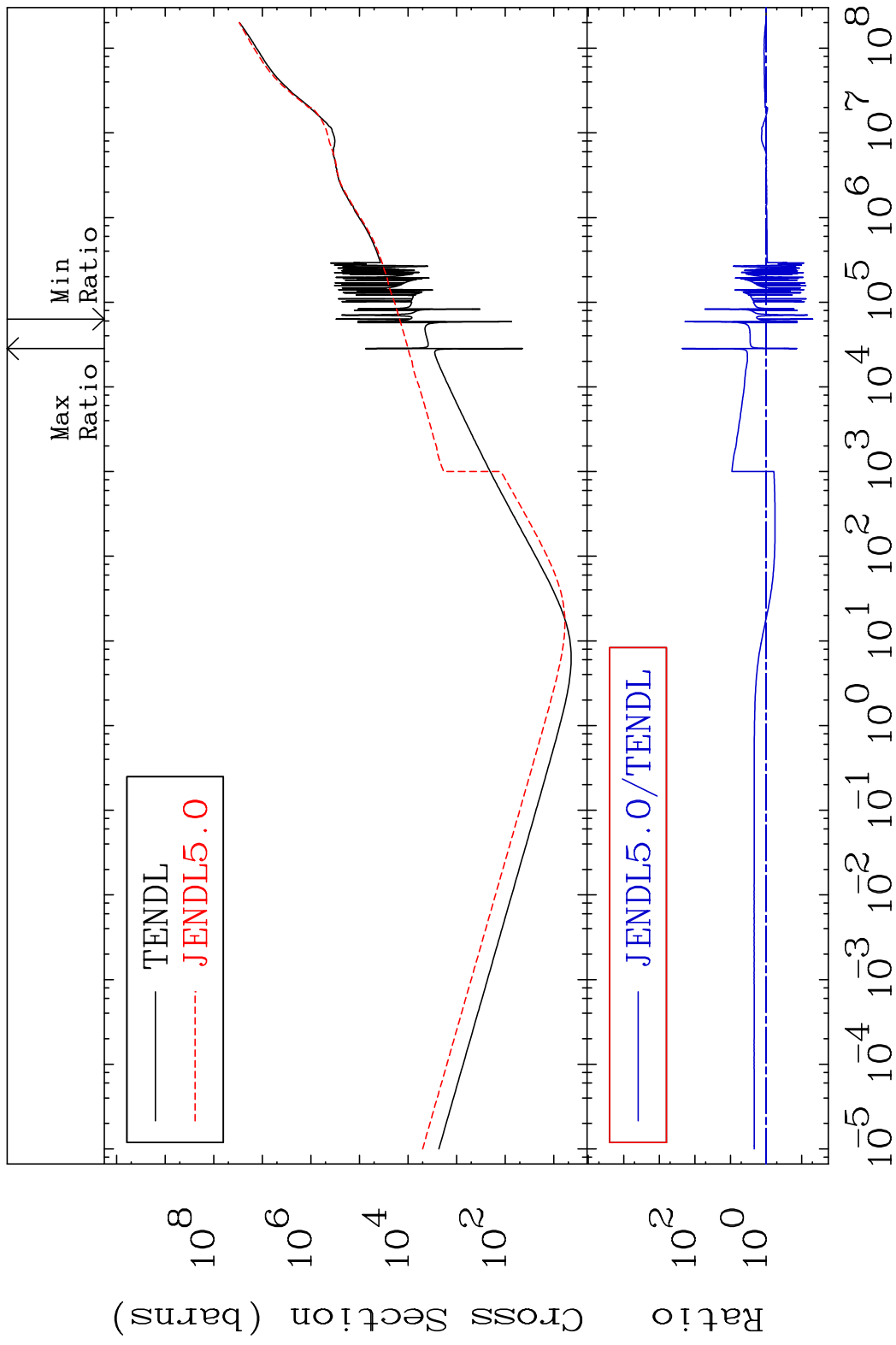


50 Incident Energy (eV) 20-Ca-46

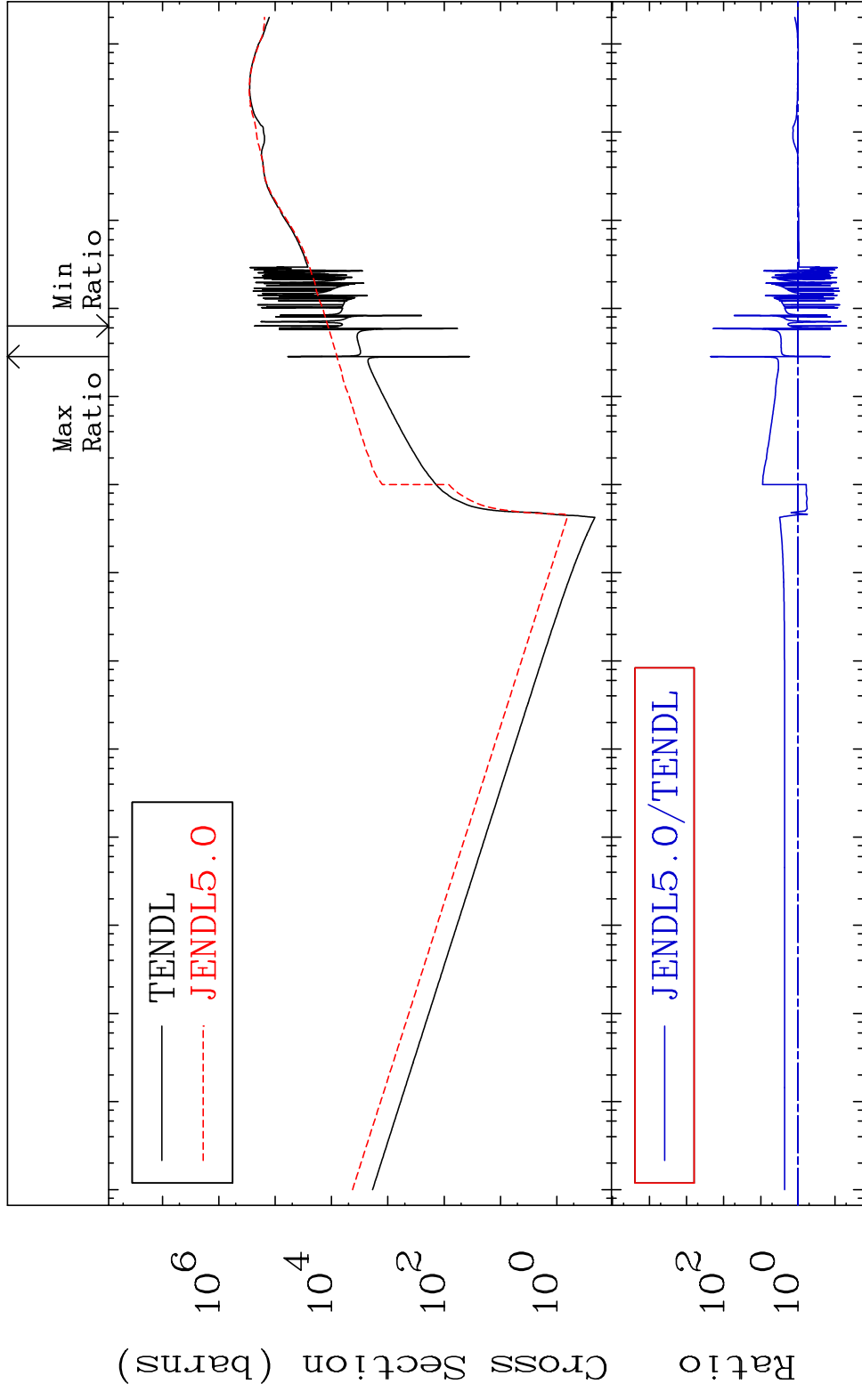
MAT 2043 Total photon (eV-barns) 20-Ca-46
 Cross Section -99.99 To 5533. %



MAT 2043 Total kinematic kerma (high limit) 20-Ca-46
 Cross Section -95.08 To 9999. %

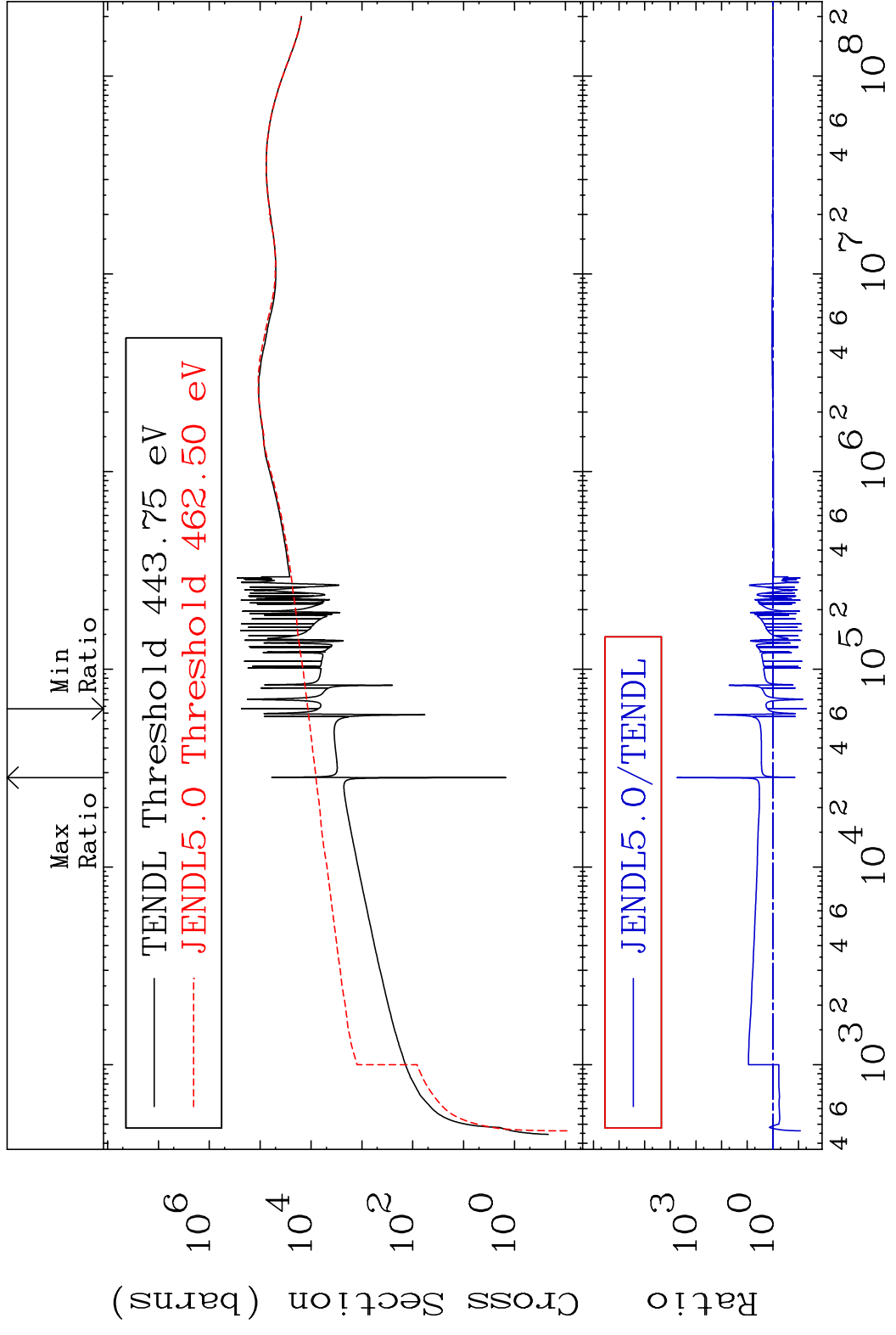


MAT 2043 Dpa total (eV-barns) 20-Ca-46
 Cross Section -95.08 To 9999. %

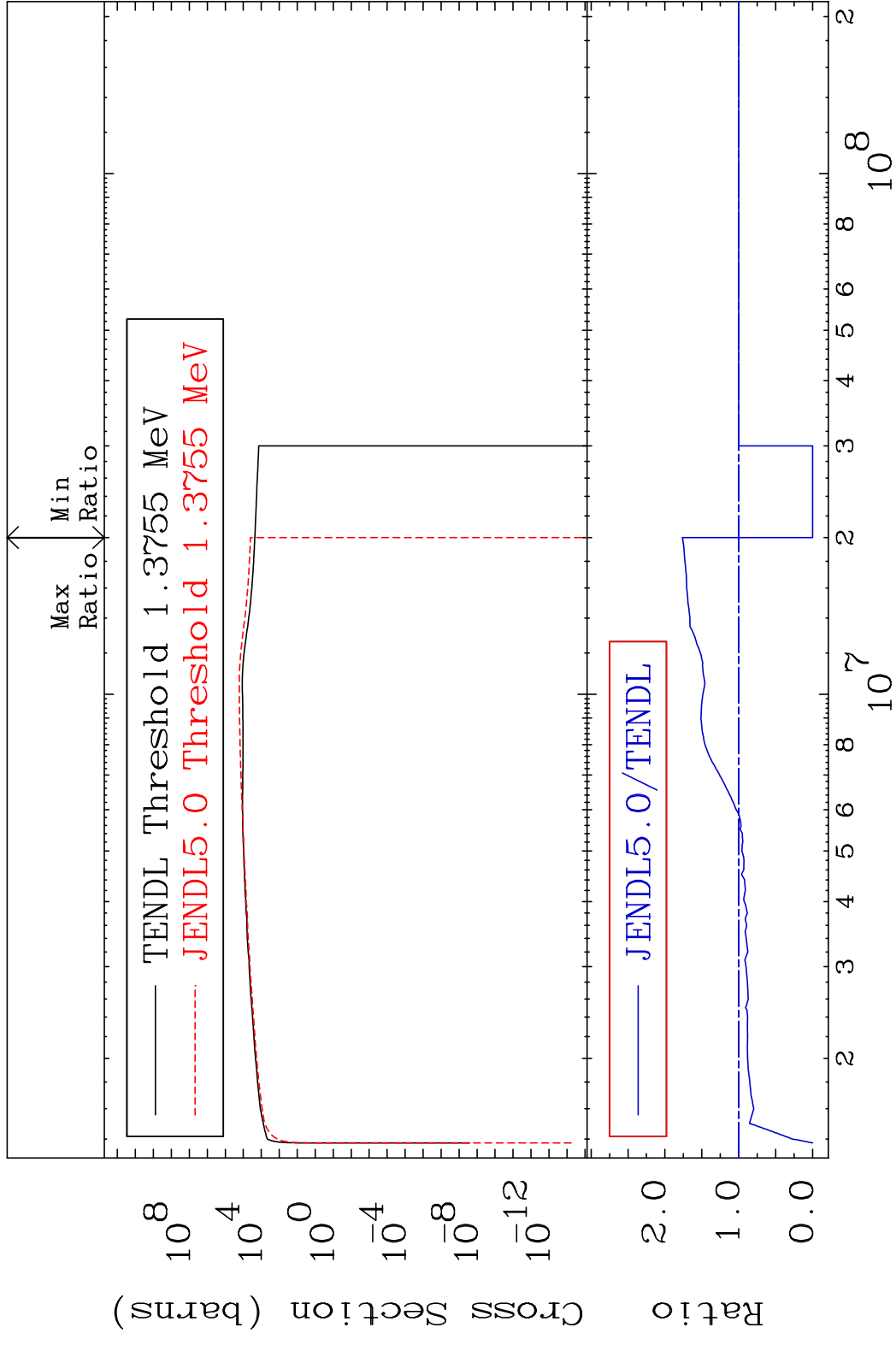


53 Incident Energy (eV) 20-Ca-46

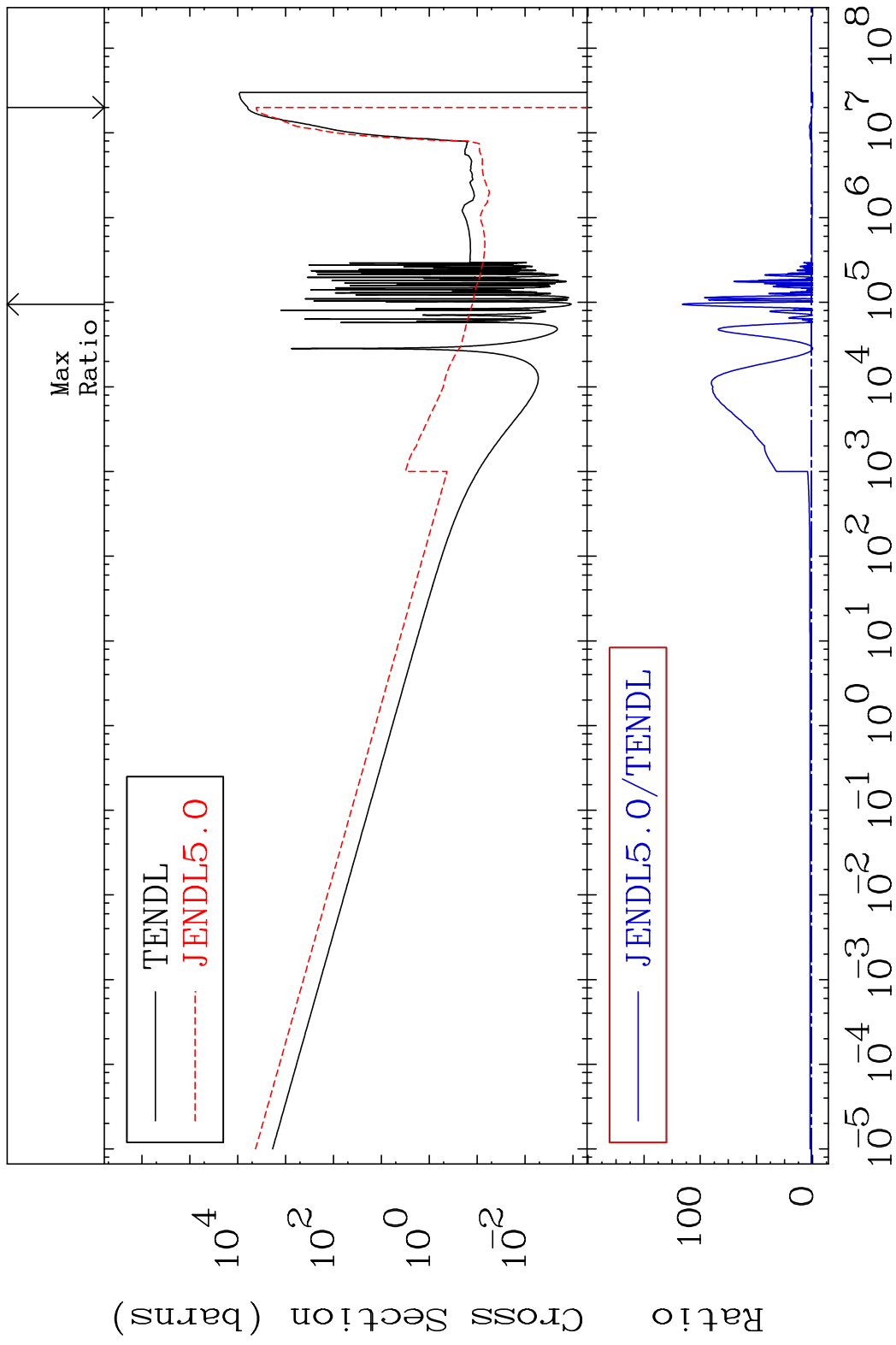
MAT 2043 Dpa elastic (mt2) 20-Ca-46
 Cross Section -95.07 To 9999. %



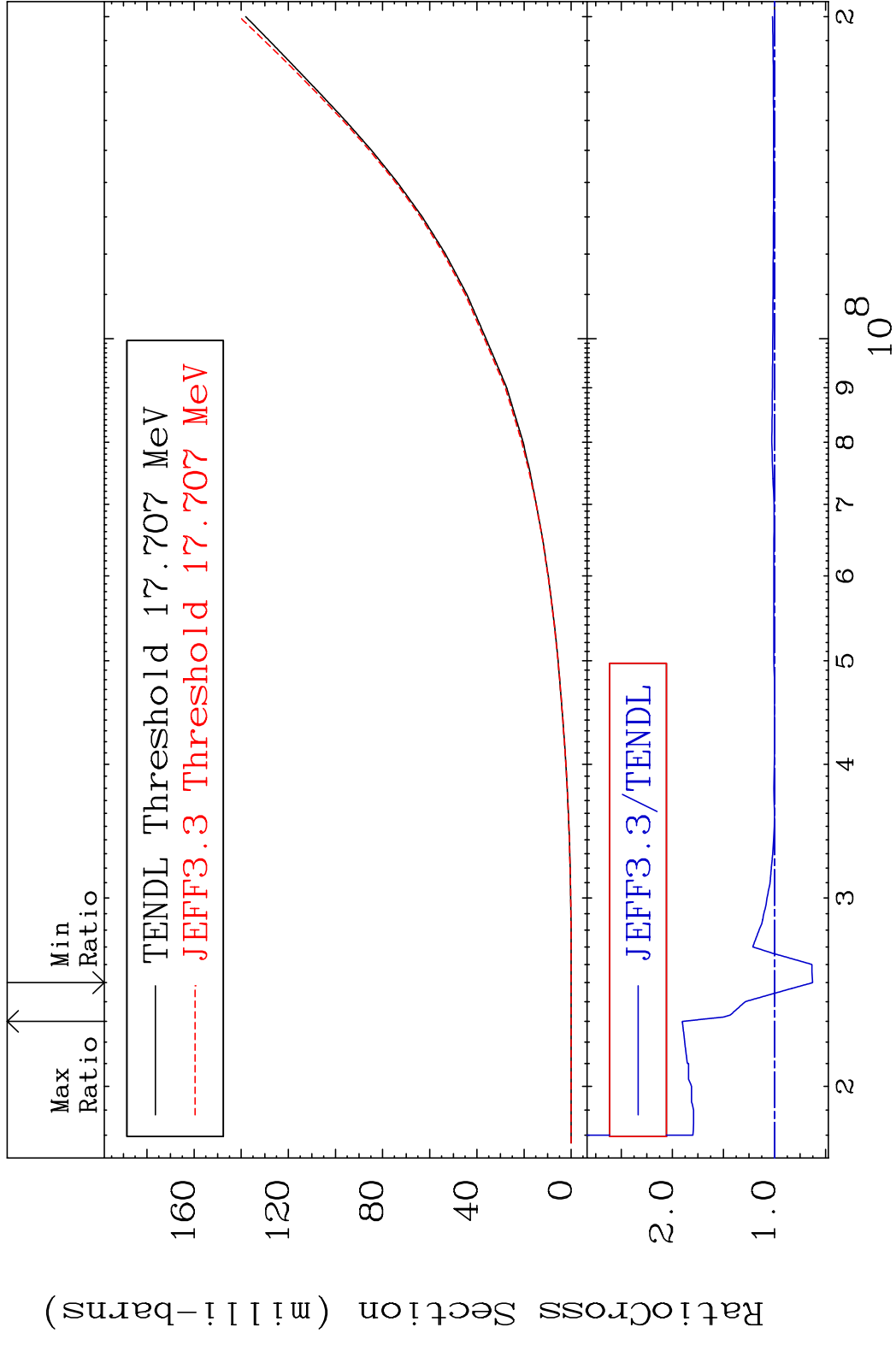
MAT 2043 Dpa inelastic (mt51-91) 20-Ca-46
 Cross Section -100.0 To 76.38 %



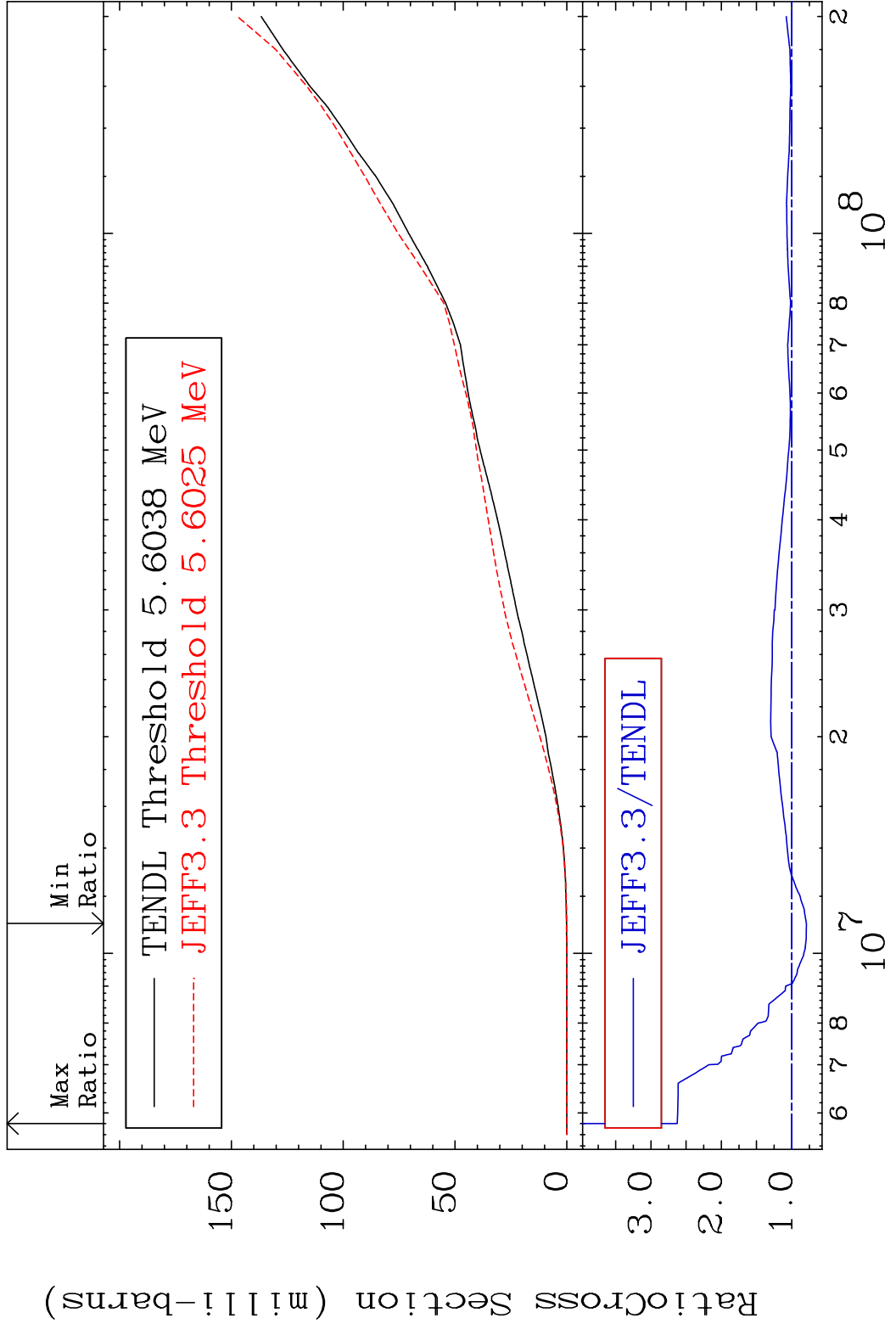
MAT 2043 Dpa disappearance (mt102 -120) 20-Ca-46
 Cross Section -100.0 To 9999. %



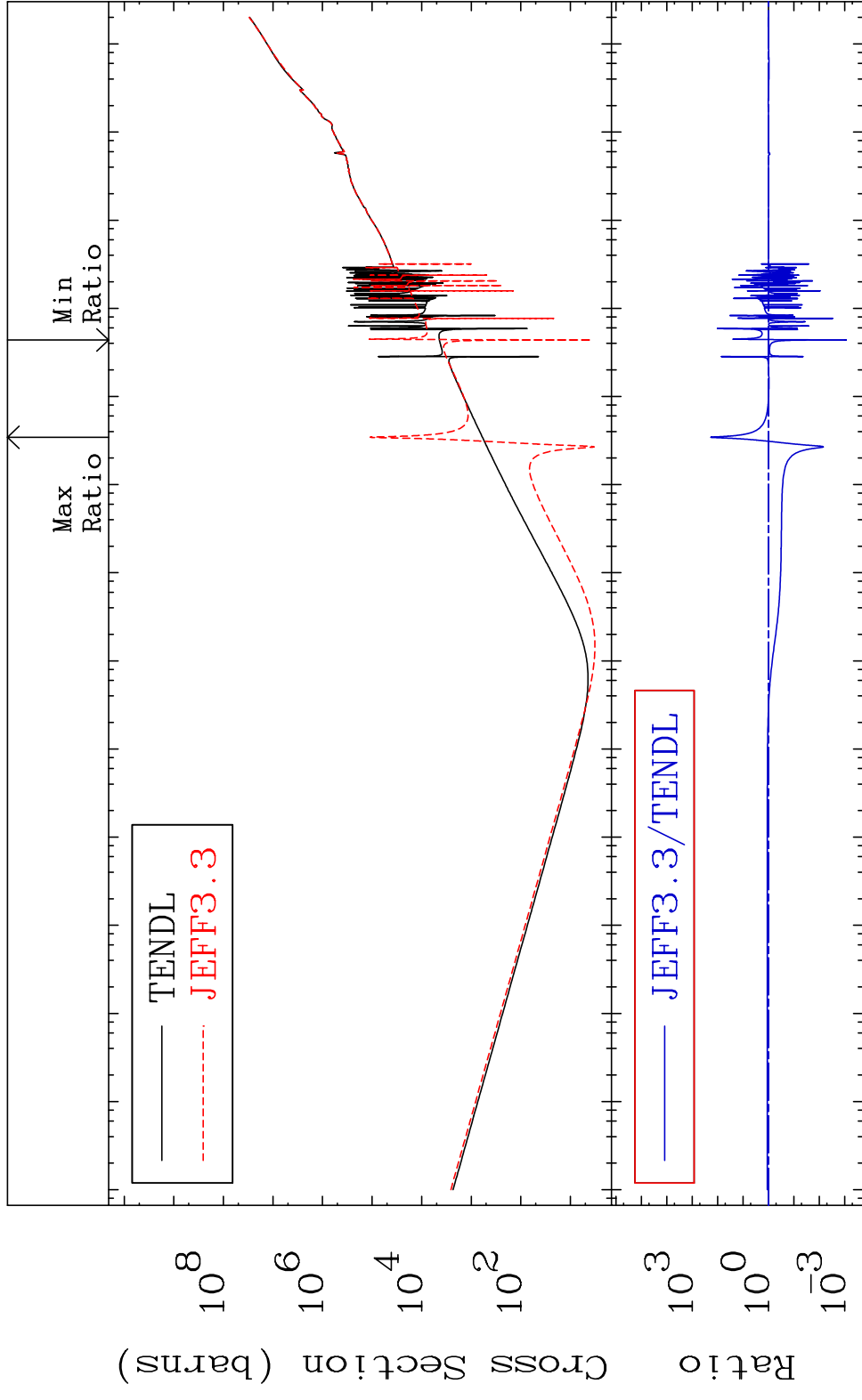
Cross Section -37.16 To 90.30 %



MAT 2043 He-4 Production 20-Ca-46
 Cross Section -20.91 To 162.7 %



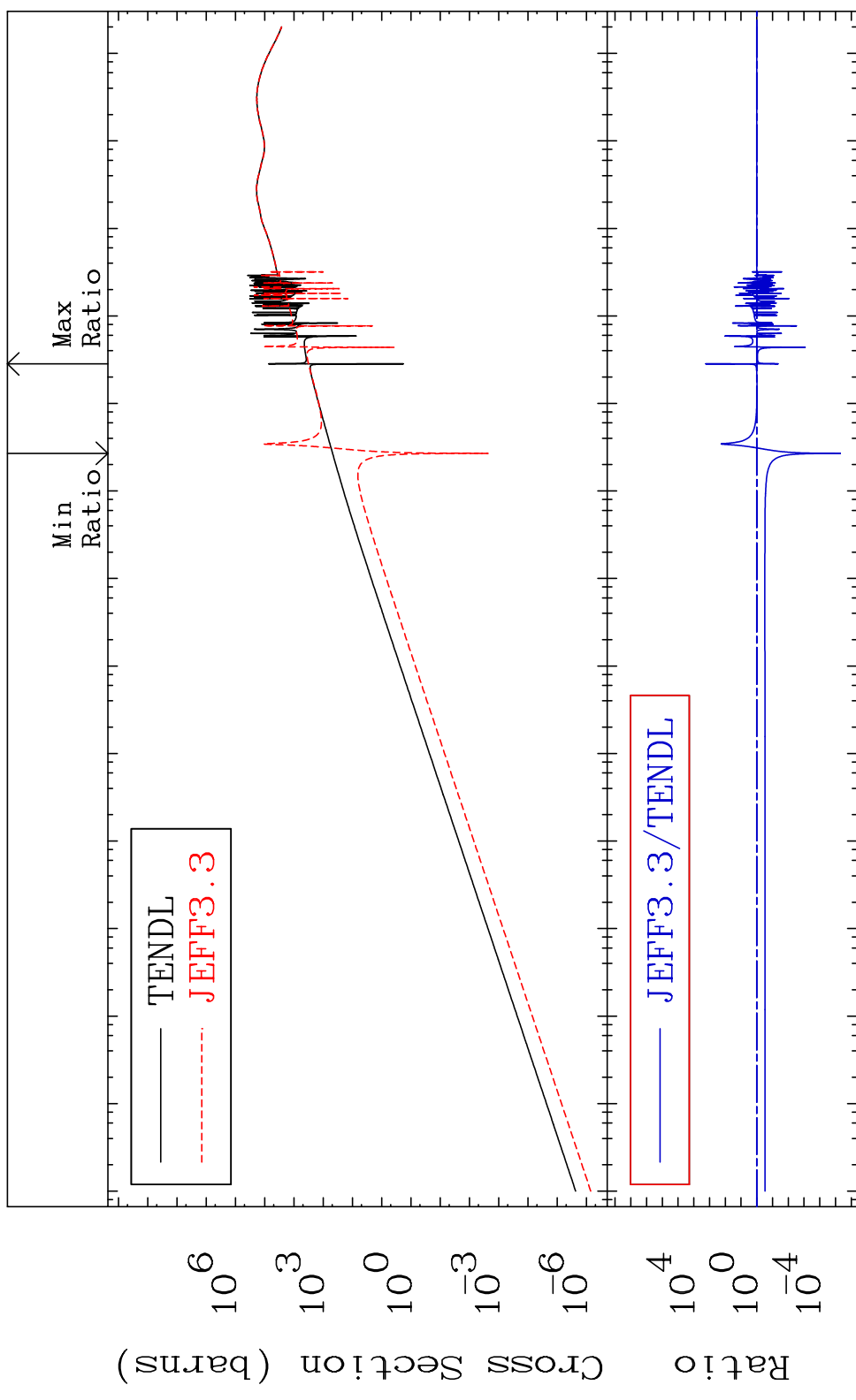
MAT 2043 Kerma total (eV-barns) 20-Ca-46
 Cross Section -99.91 To 9999. %



59 Incident Energy (eV) 20-Ca-46

MAT 2043

Kerma elastic Cross Section -100.0 To 9999. %
20-Ca-46

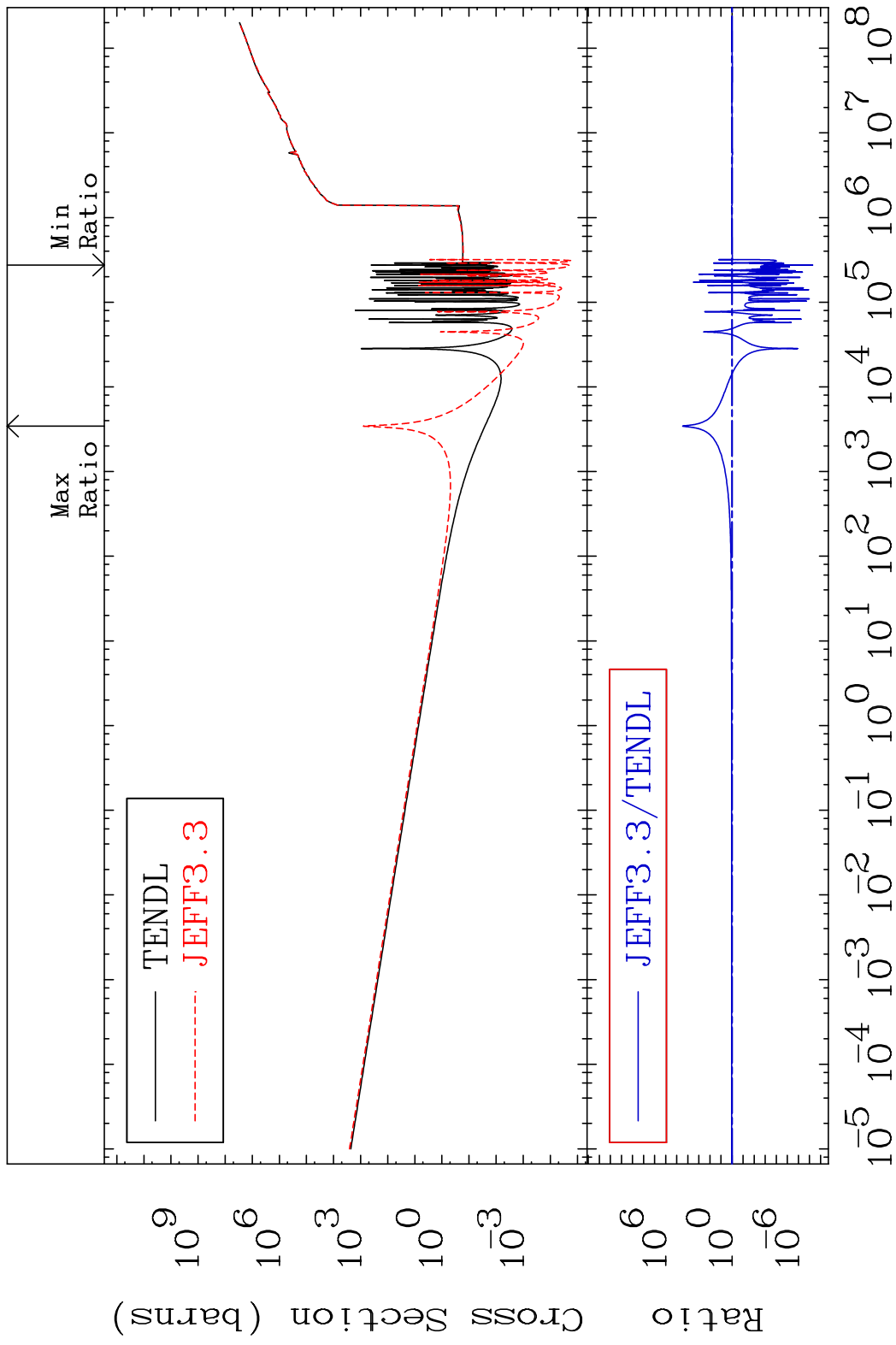


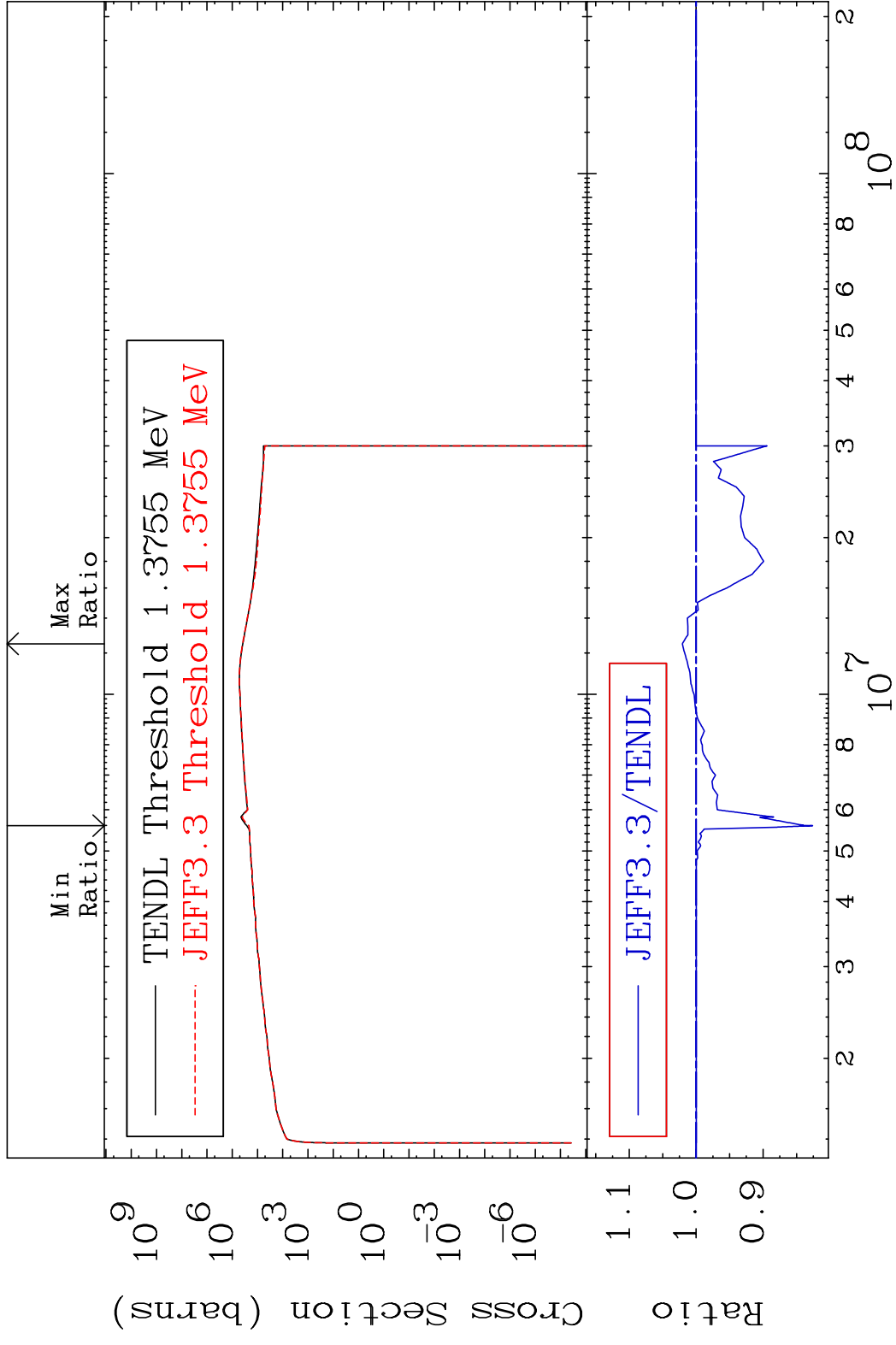
60

Incident Energy (eV)

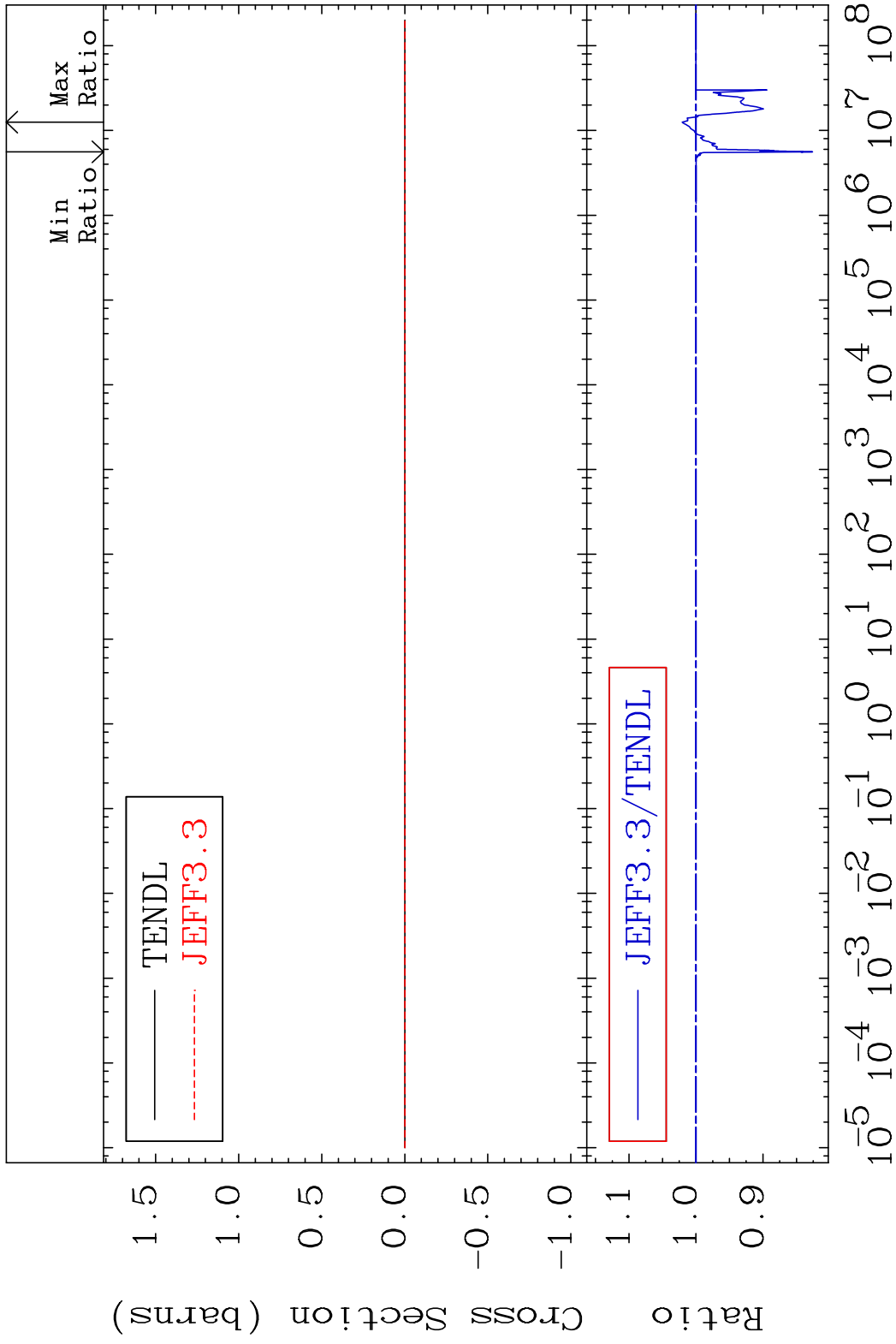
20-Ca-46

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

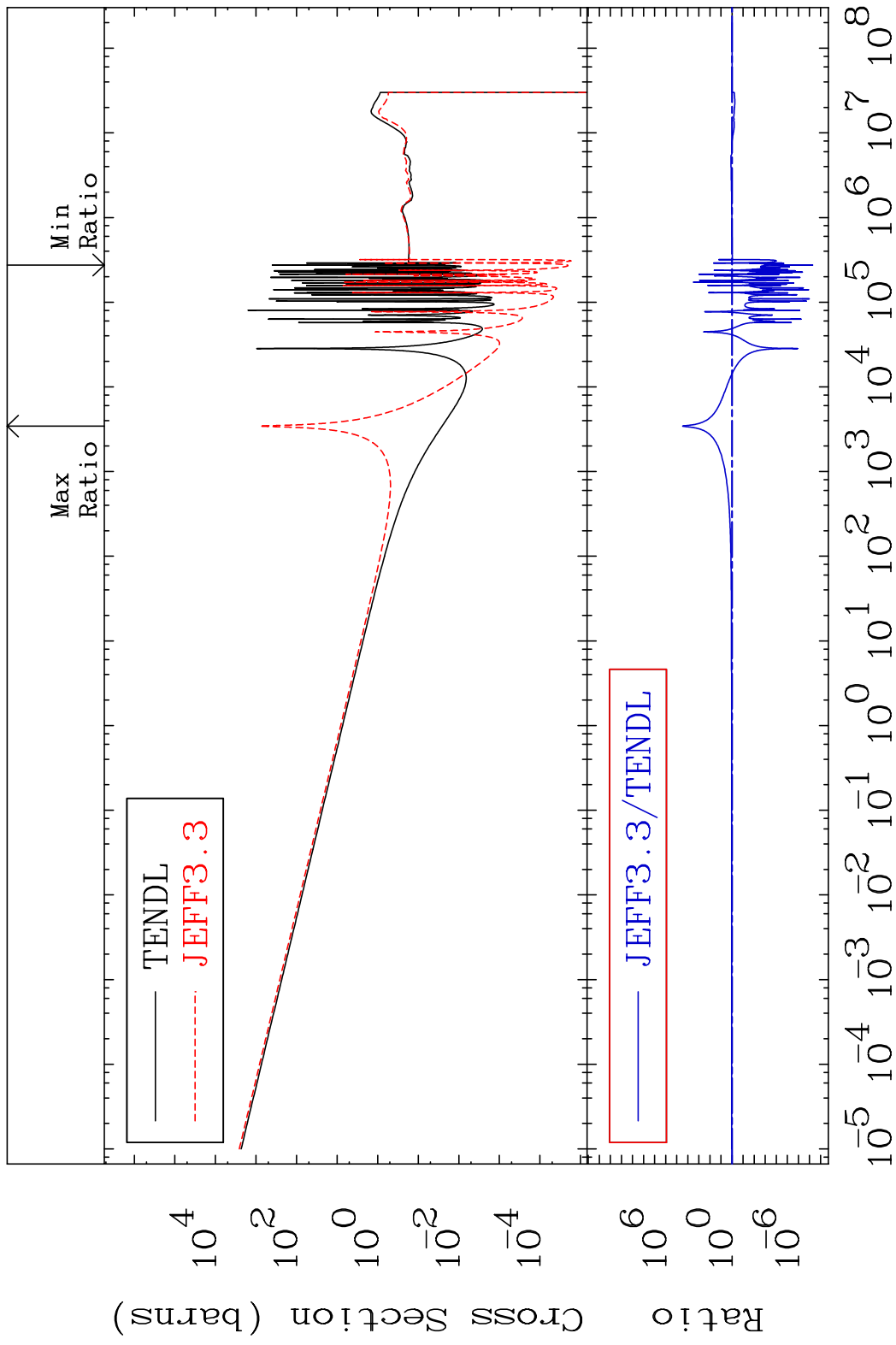




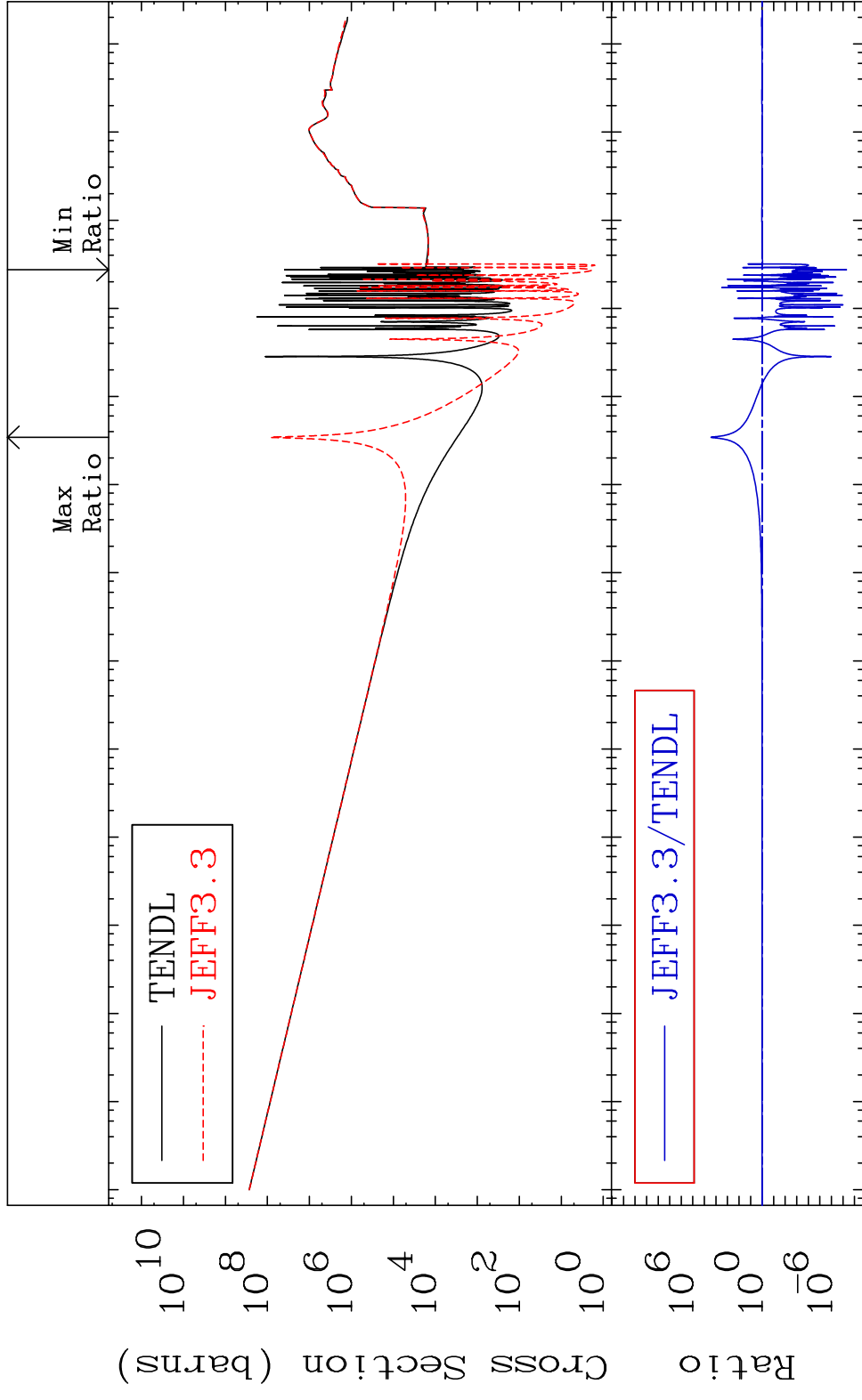
MAT 2043 Kerma fission (mt18 or mt19-20-21-38) 20-Ca-46
 Cross Section -17.39 To 2.063 %



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

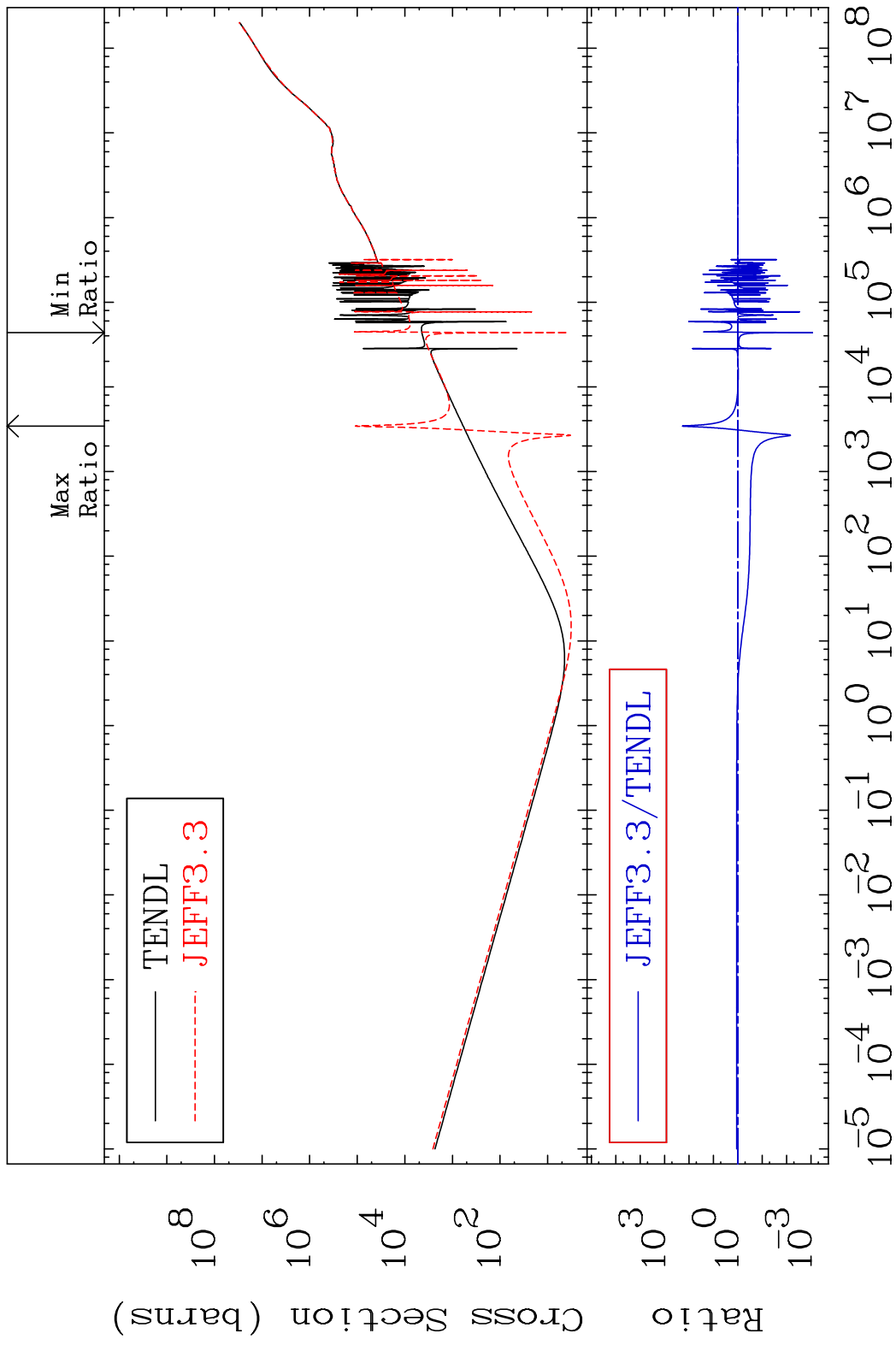


MAT 2043 Total photon (eV-barns) 20-Ca-46
 Cross Section -100.0 To 9999. %

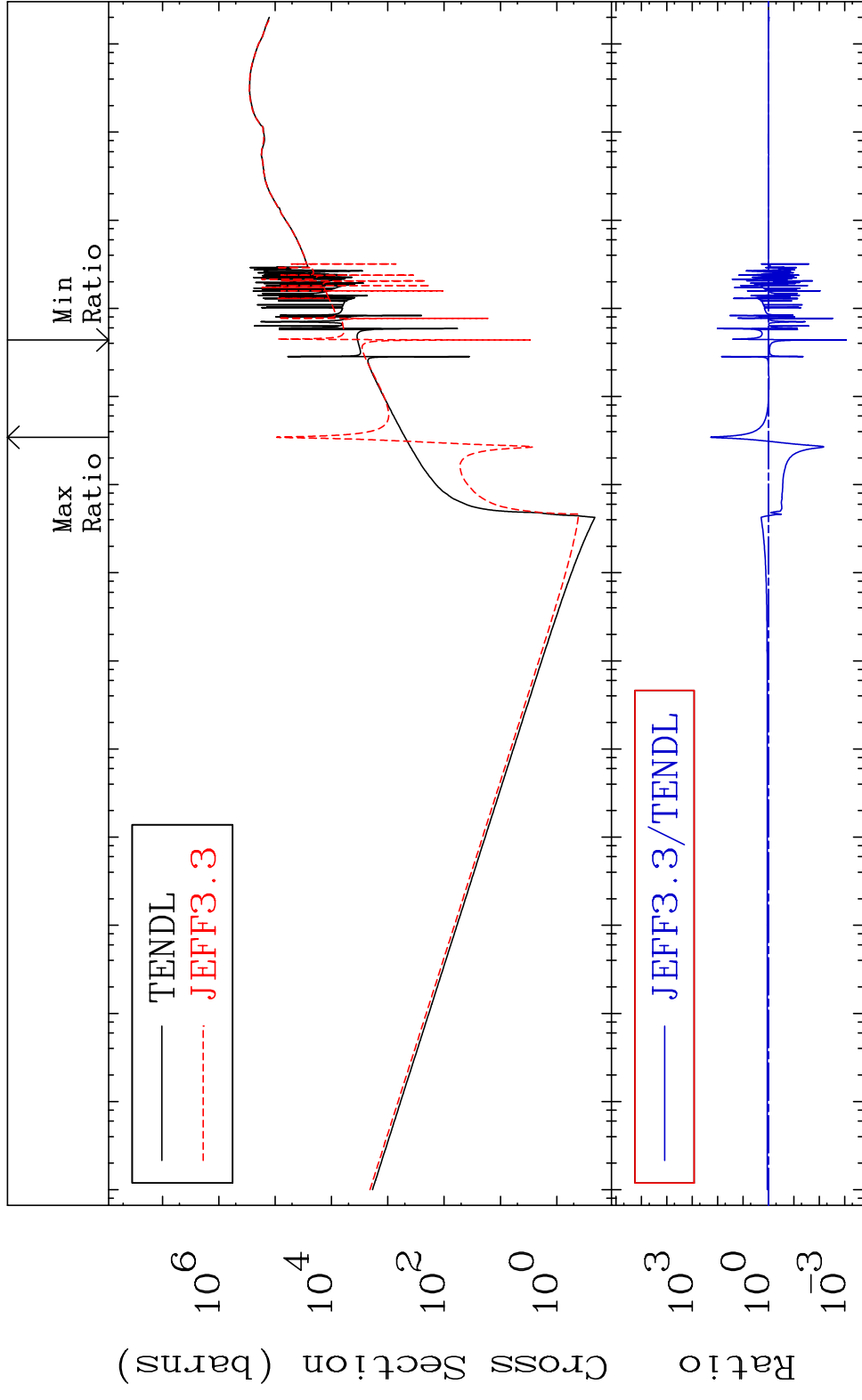


65 Incident Energy (eV) 20-Ca-46

MAT 2043 Total kinematic kerma (high limit) 20-Ca-46
 Cross Section -99.91 To 9999. %

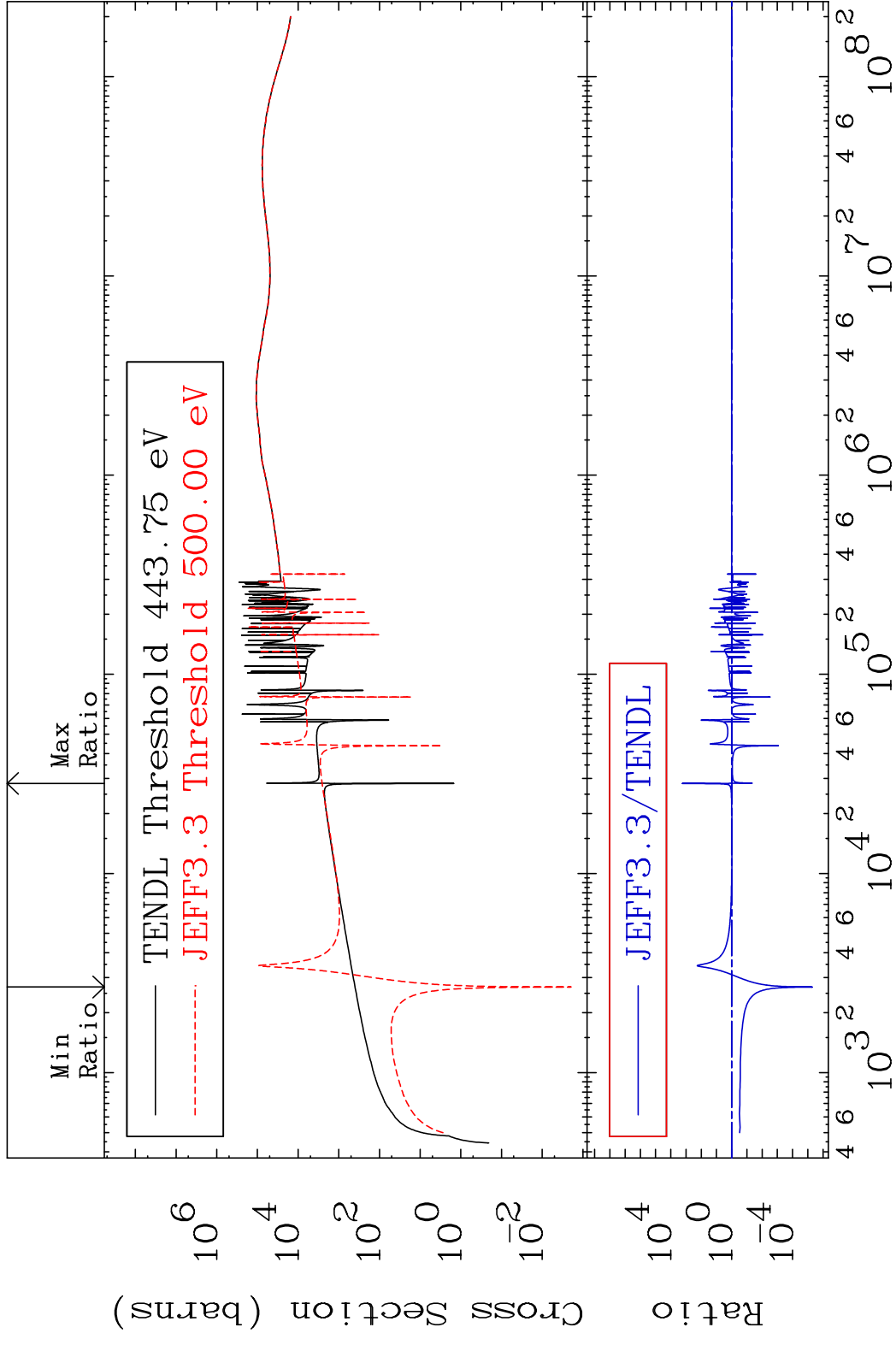


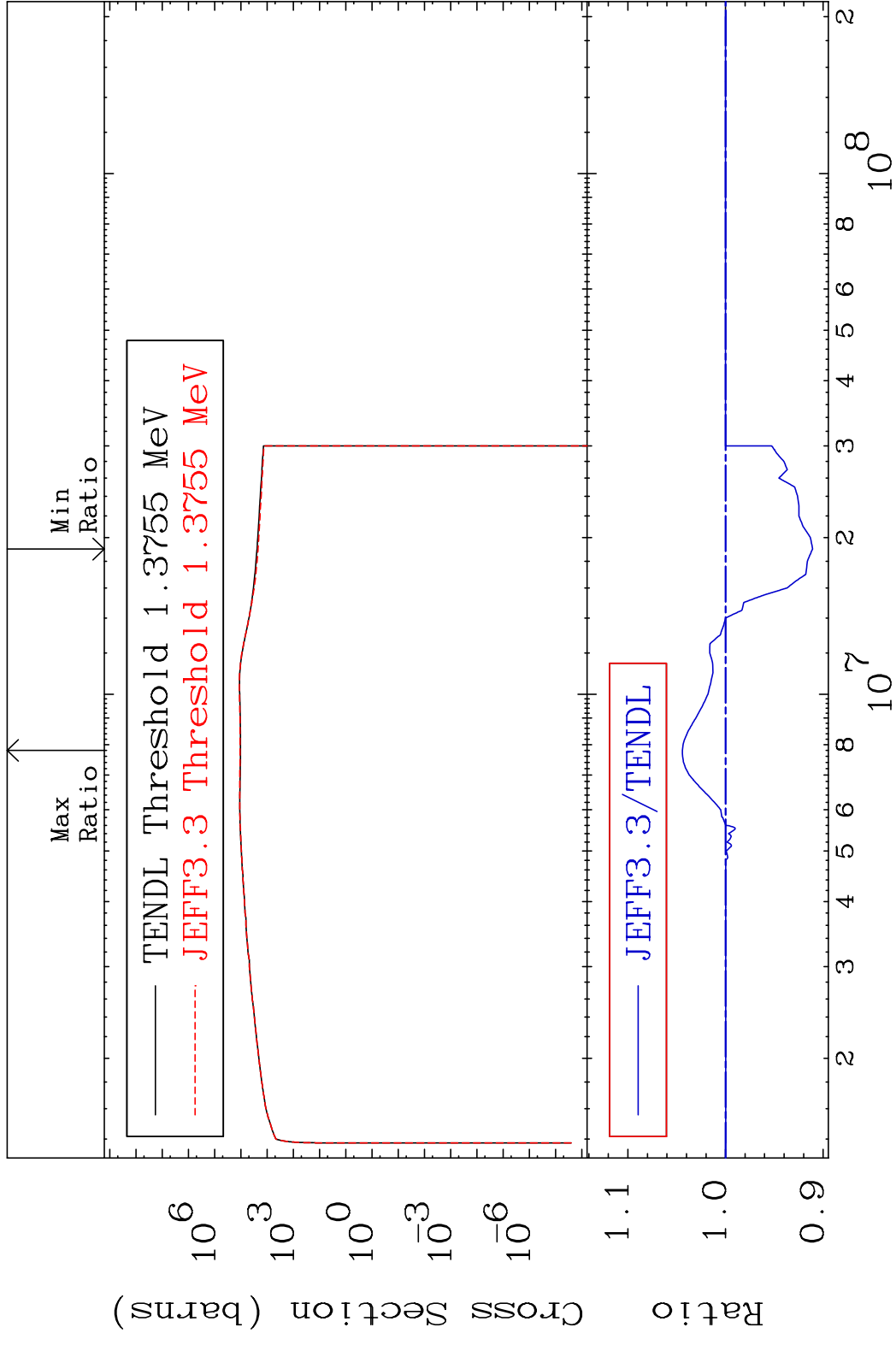
MAT 2043 Dpa total (eV-barns) 20-Ca-46
 Cross Section -99.91 To 9999. %



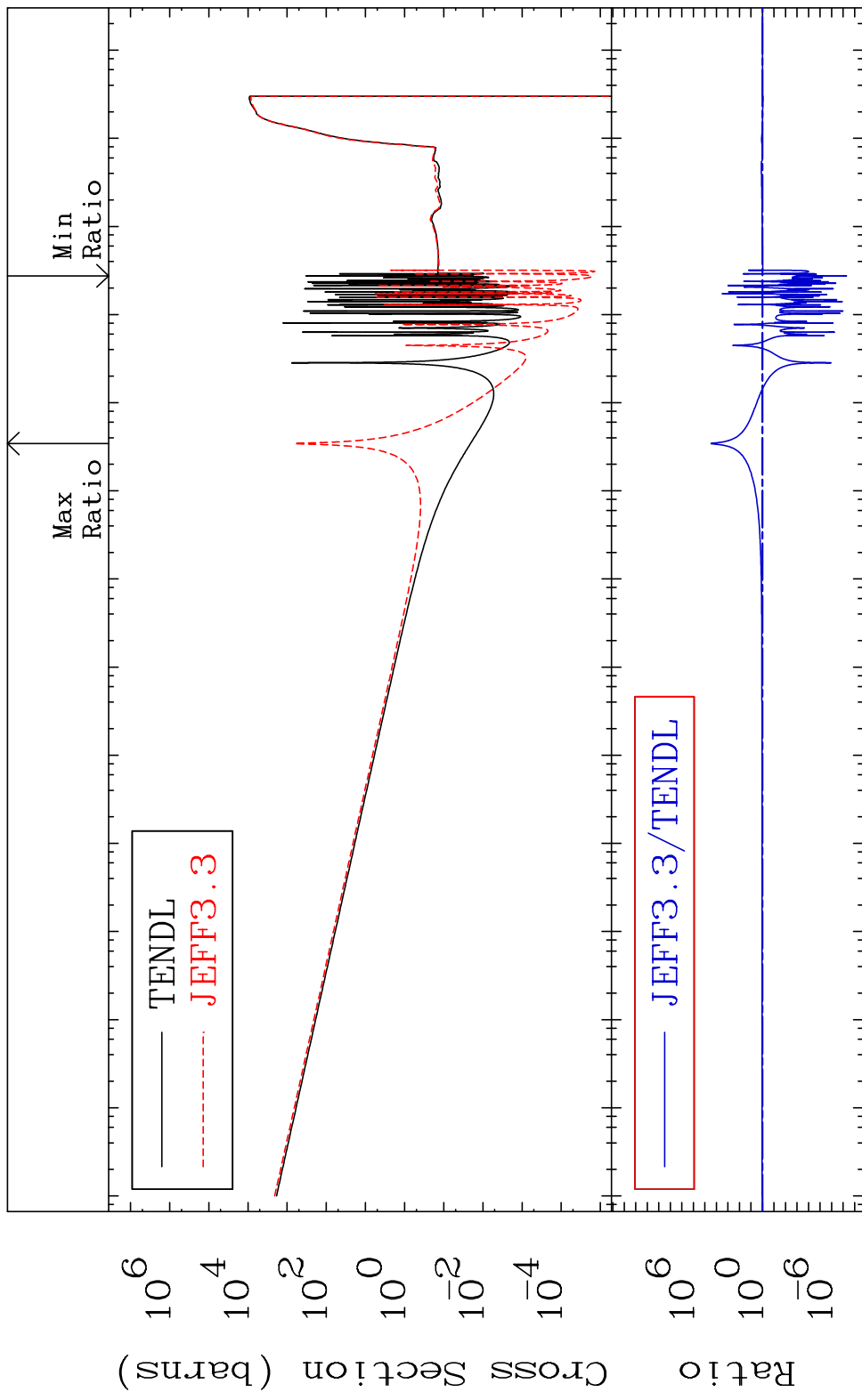
67 Incident Energy (eV) 20-Ca-46

MAT 2043 Dpa elastic (mt2) 20-Ca-46
 Cross Section -100.0 To 9999. %





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



70 Incident Energy (eV) 20-Ca-46