

Program Complot
(Version 2018-1)

by

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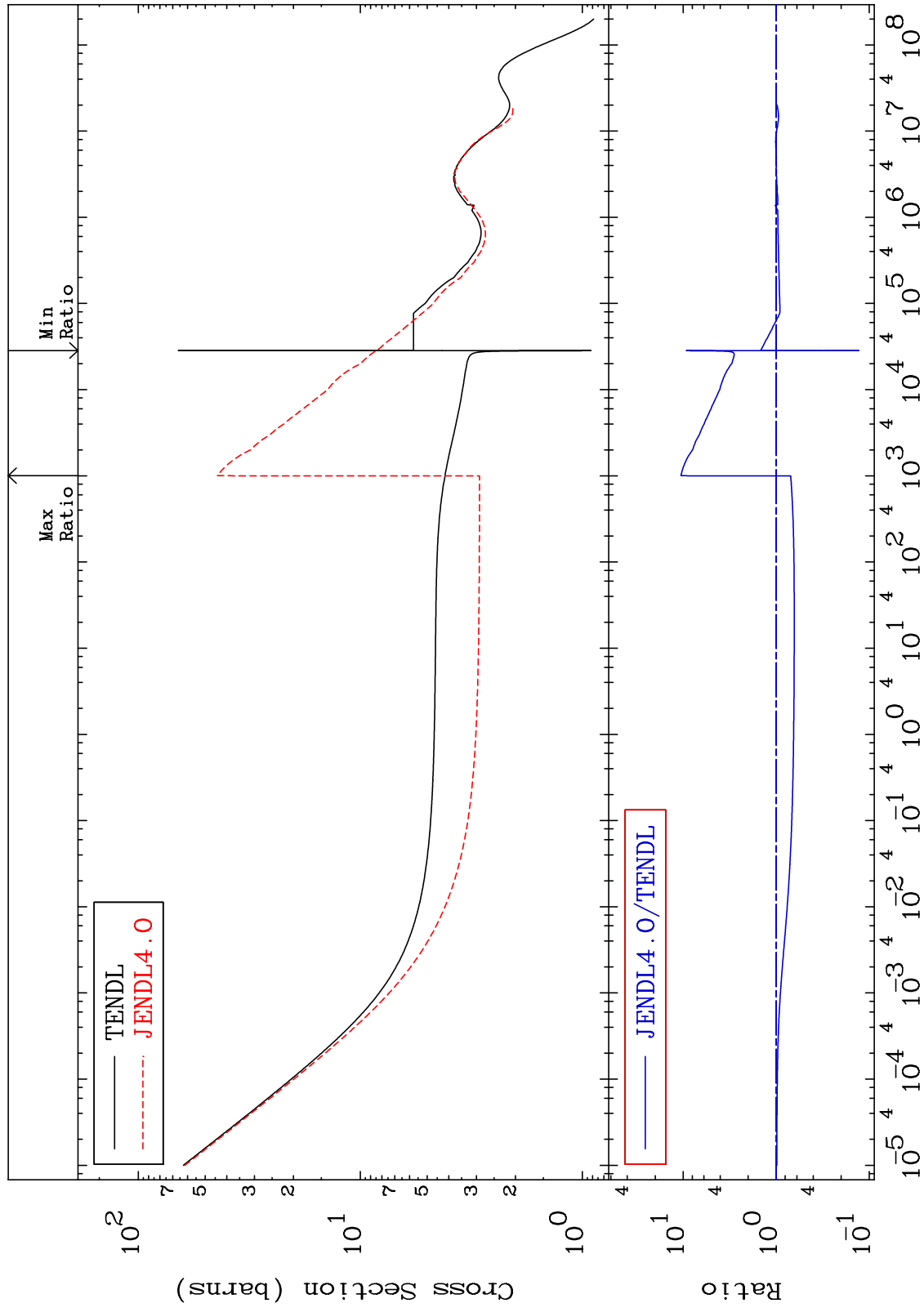
U.S.A.

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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2043 Total Cross Section 20-Ca-46 -87.15 To 960.3 %

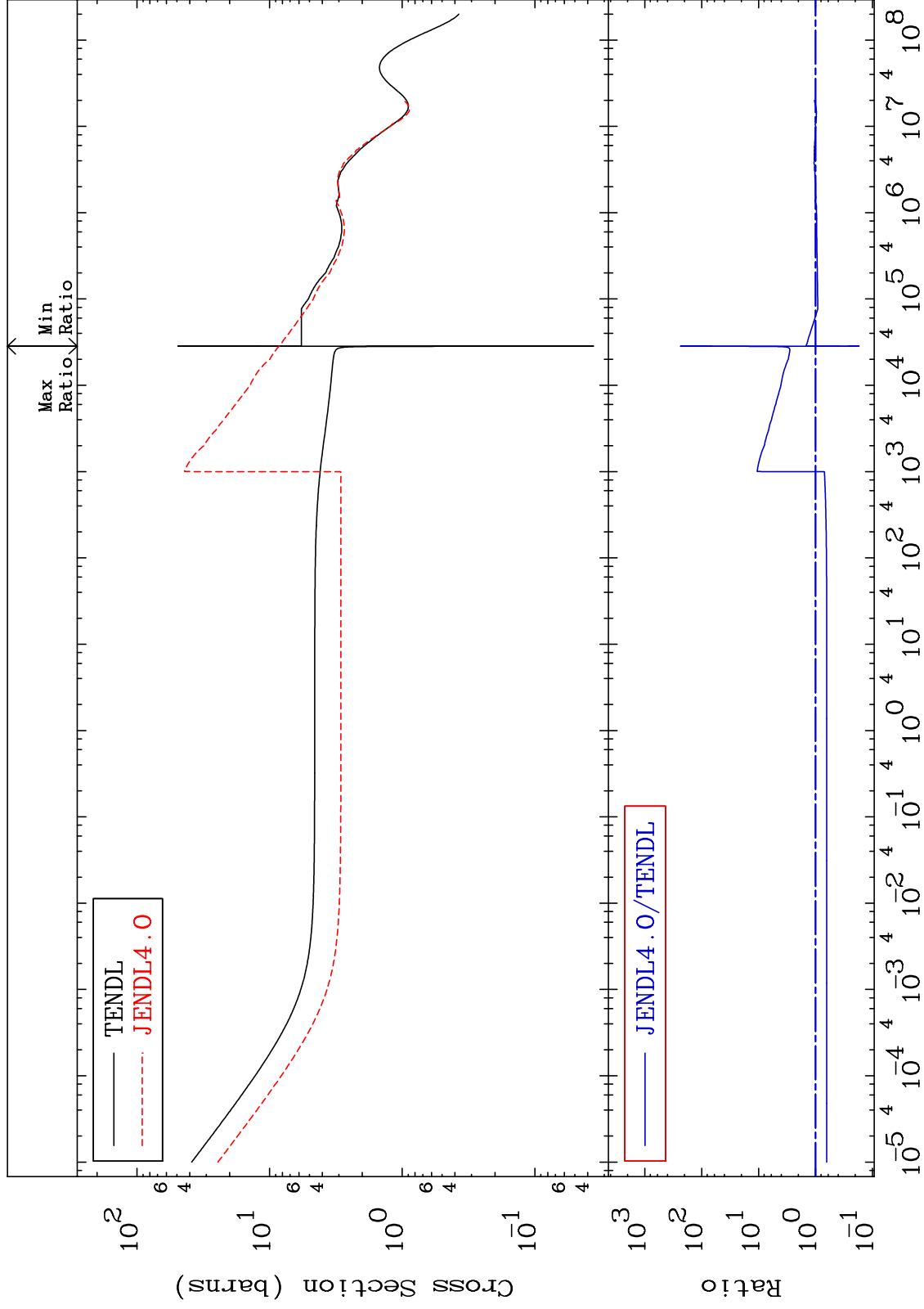


Ratio JENDL4.0/TENDL Incident Energy (eV) 20-Ca-46

MAT 2043

Elastic
Cross Section

20-Ca-46
-82.77 To 9999. %

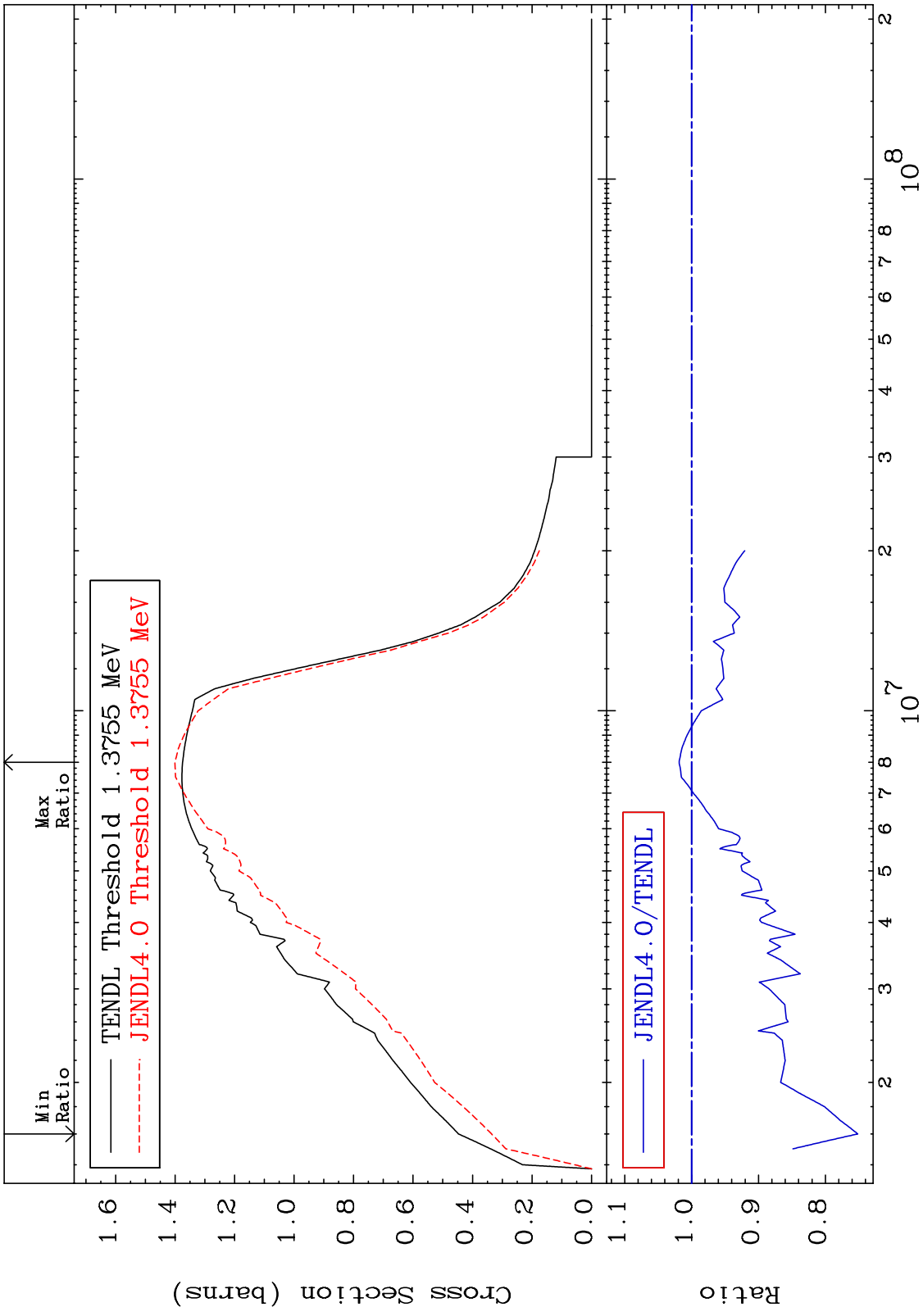


2

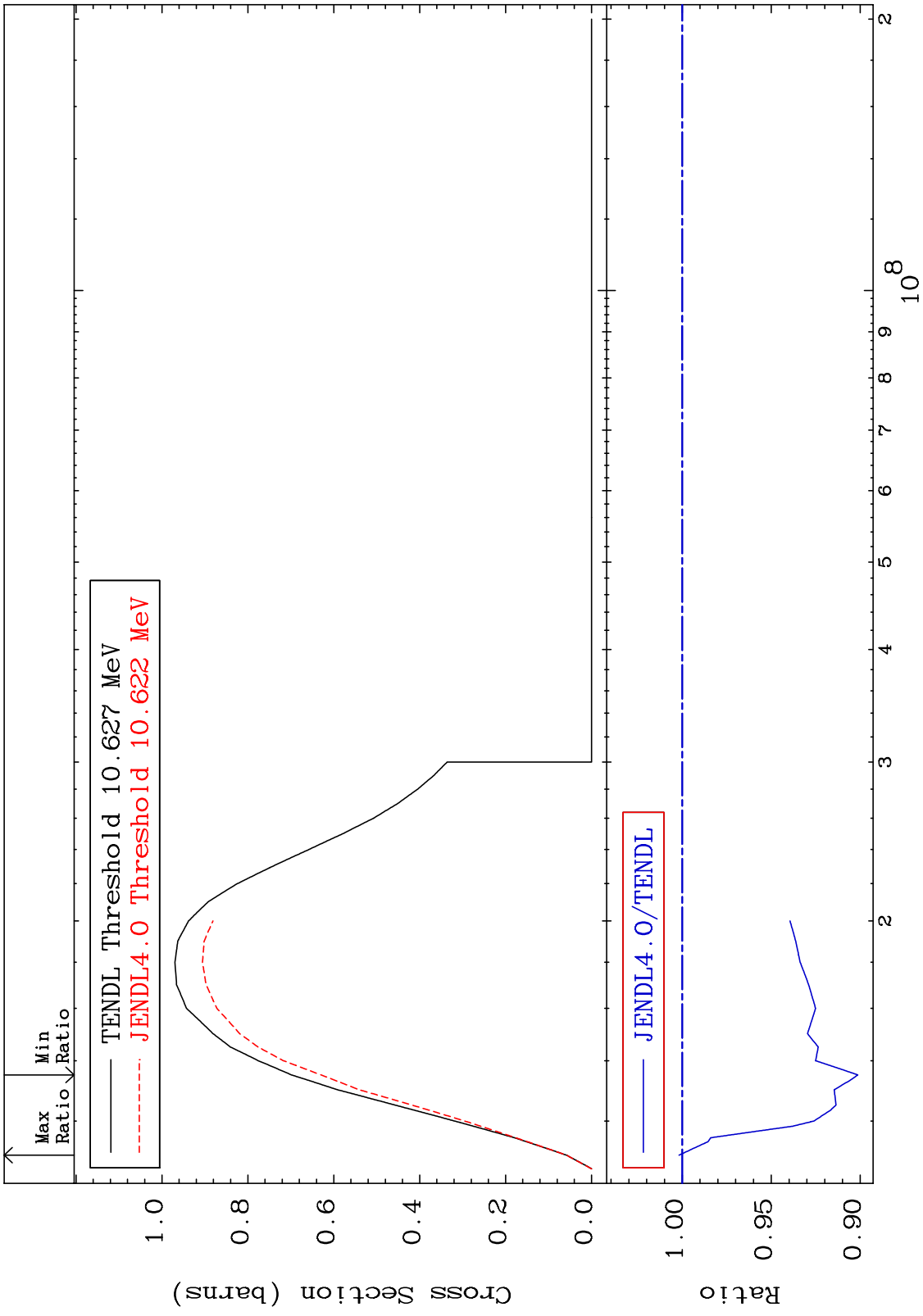
Incident Energy (eV)

20-Ca-46

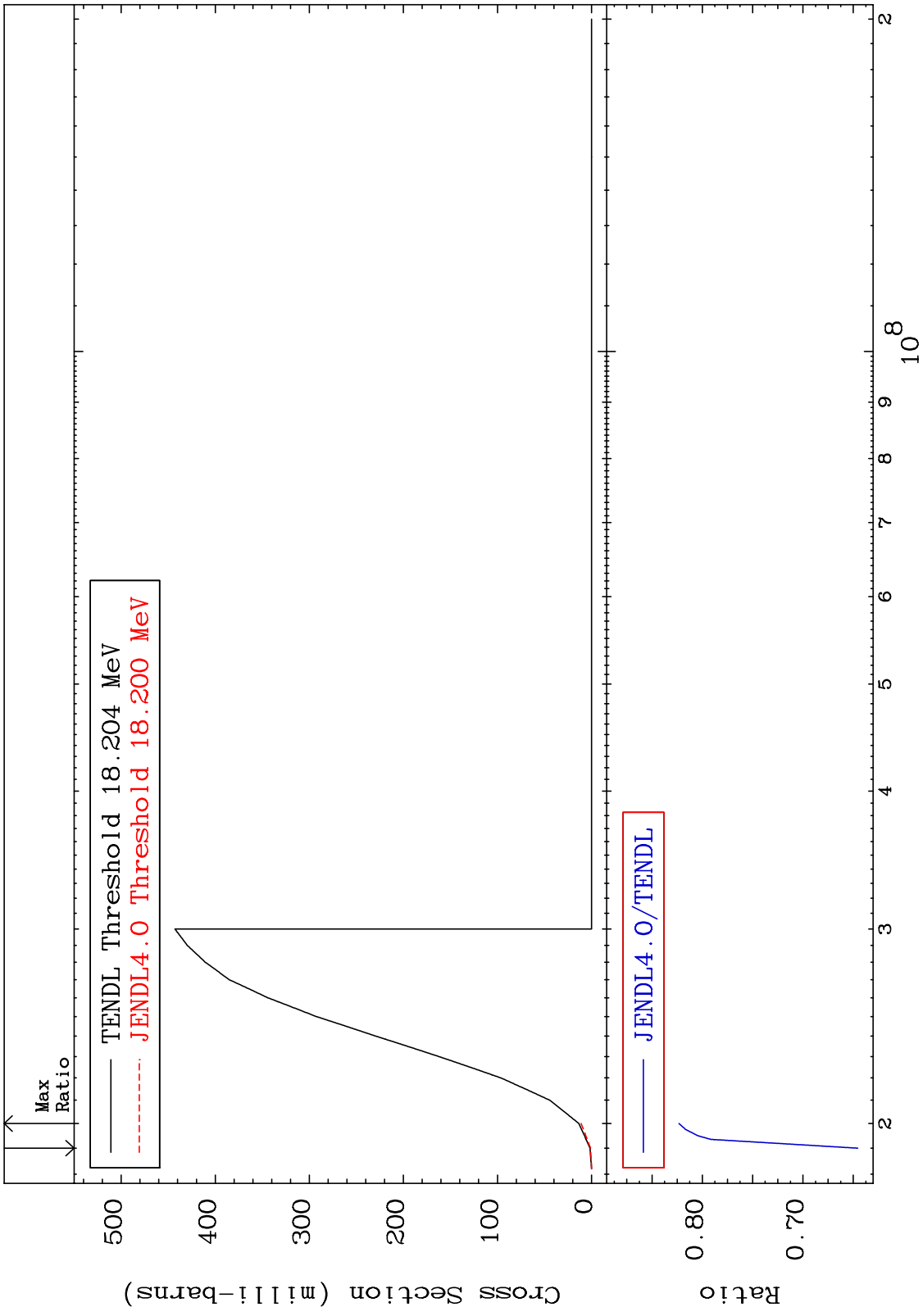
MAT 2043 Inelastic Cross Section 20-Ca-46 -24.85 To 1.876 %

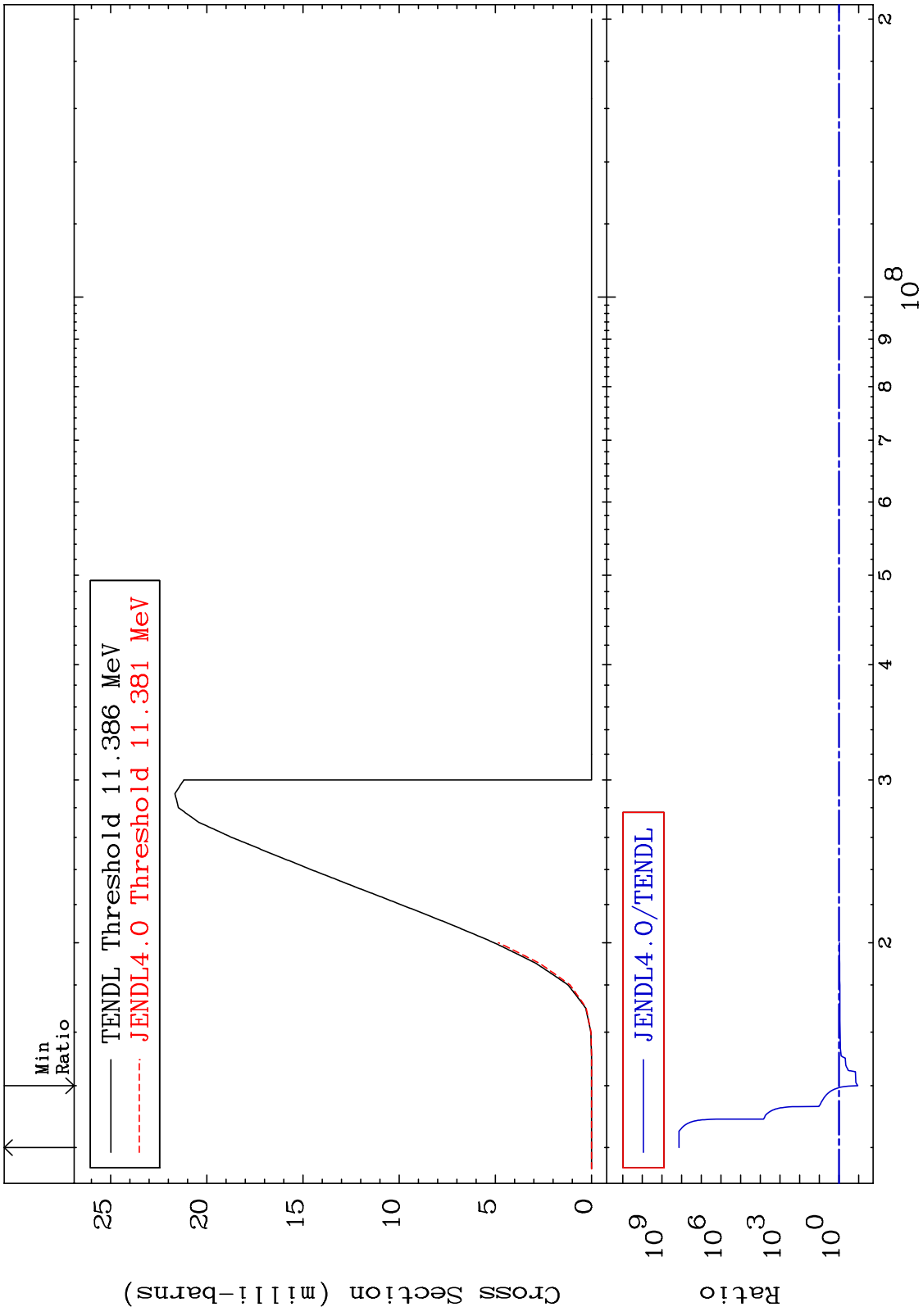


MAT 2043 (n,2n) Cross Section 20-Ca-46 -9.863 To 0.181 %

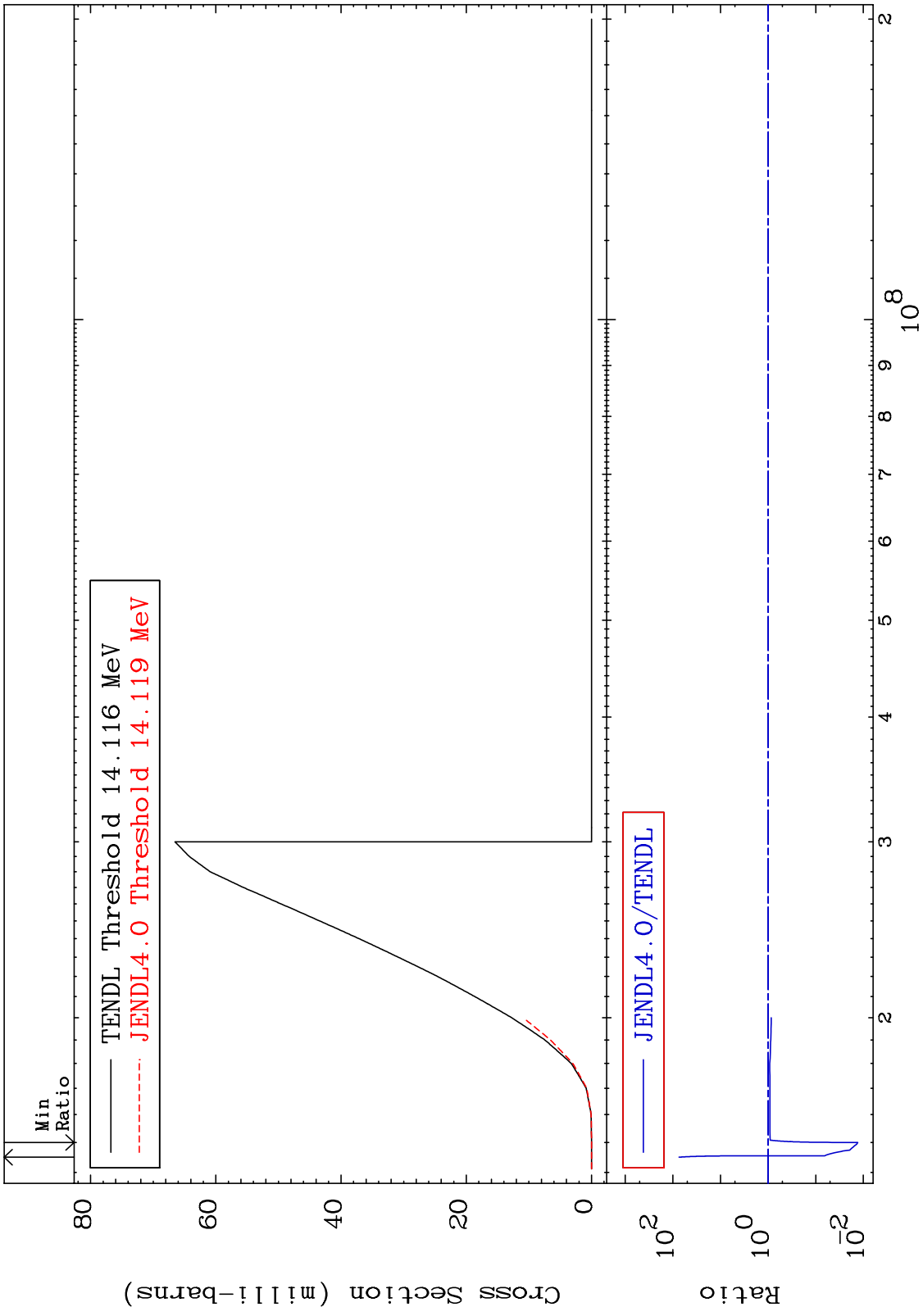


MAT 2043 (n,3n) Cross Section 20-Ca-46 -35.45 To -17.69%

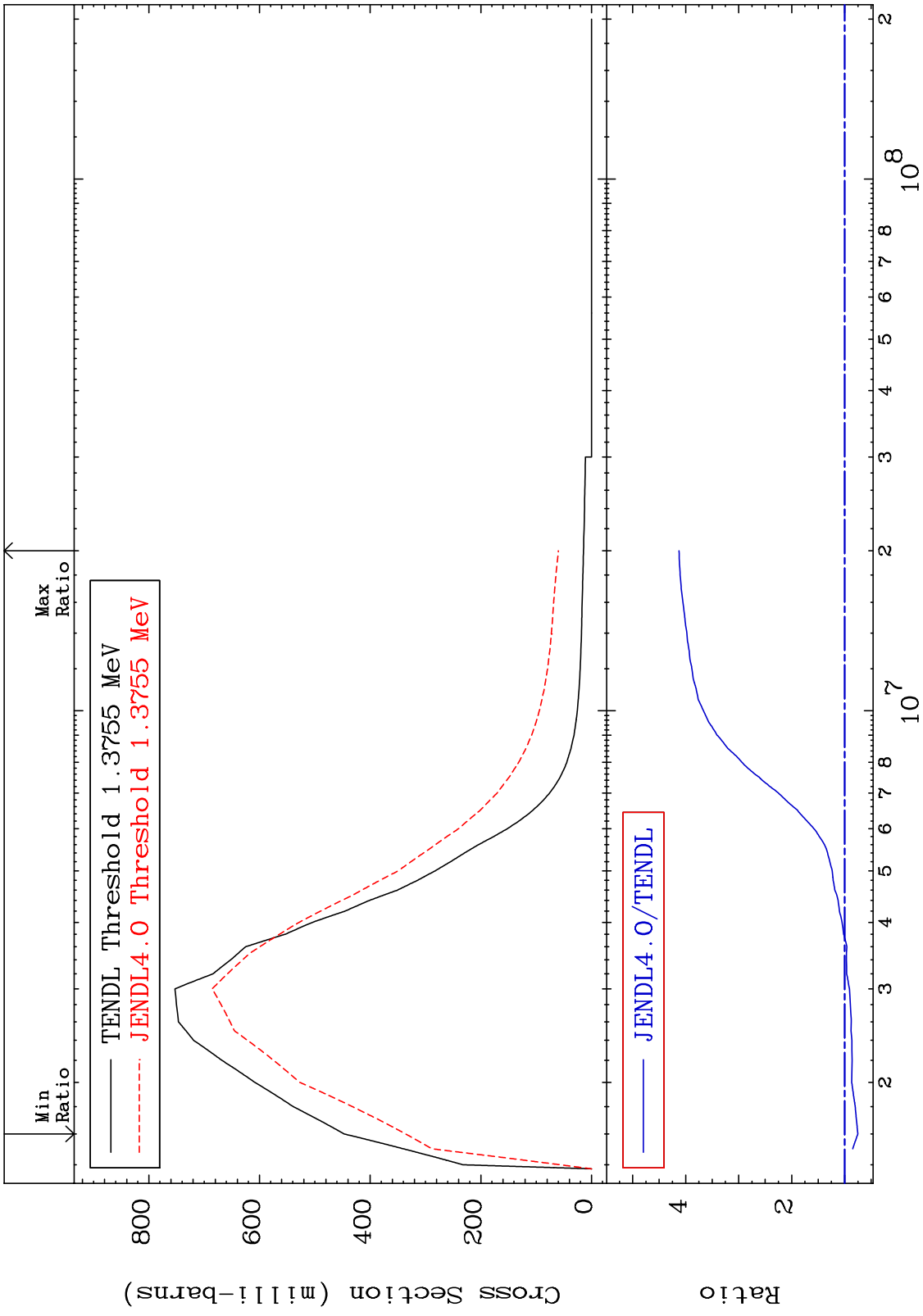




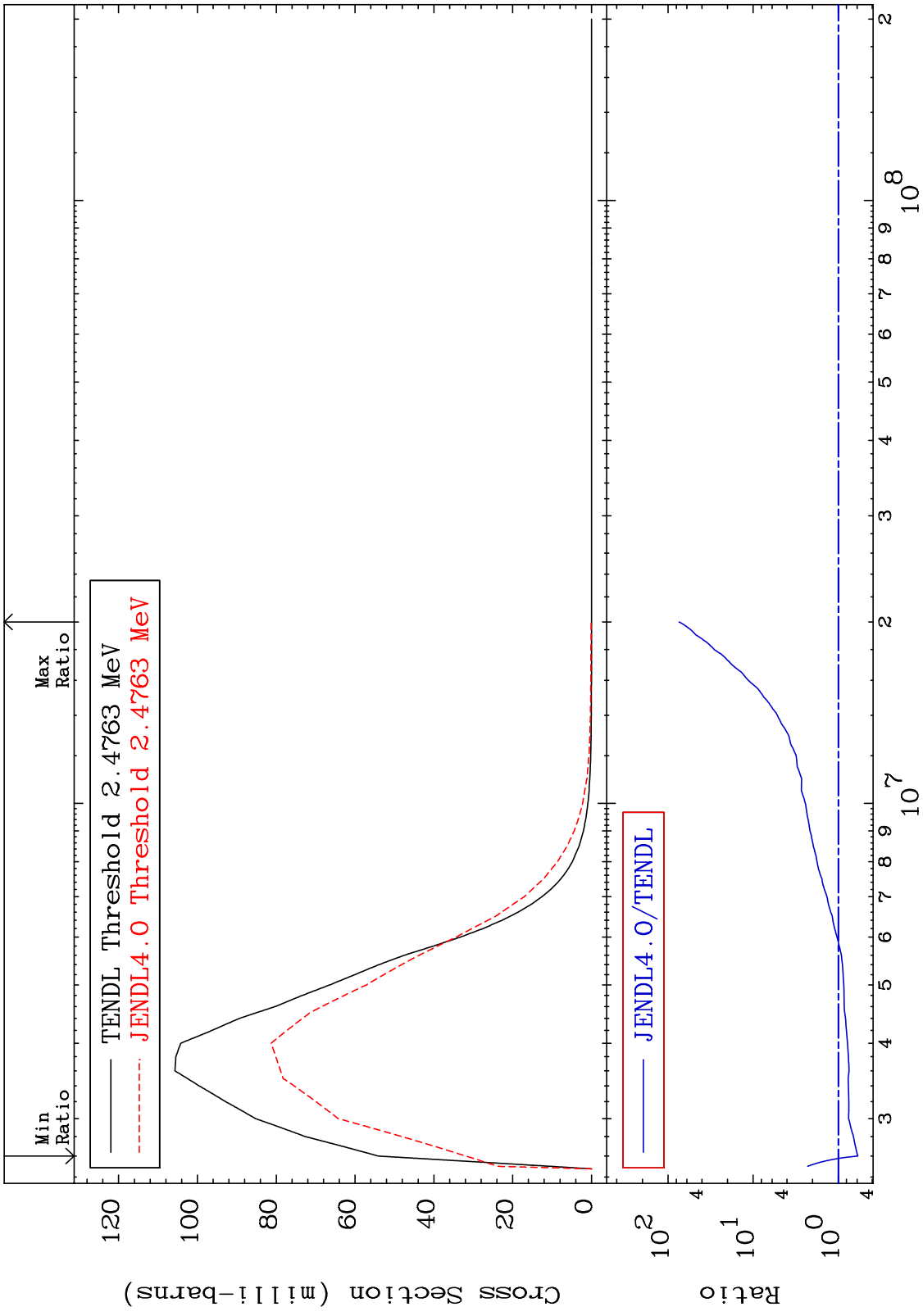
MAT 2043 (n,n') p 20-Ca-46
 Cross Section -98.69 To 7326. %



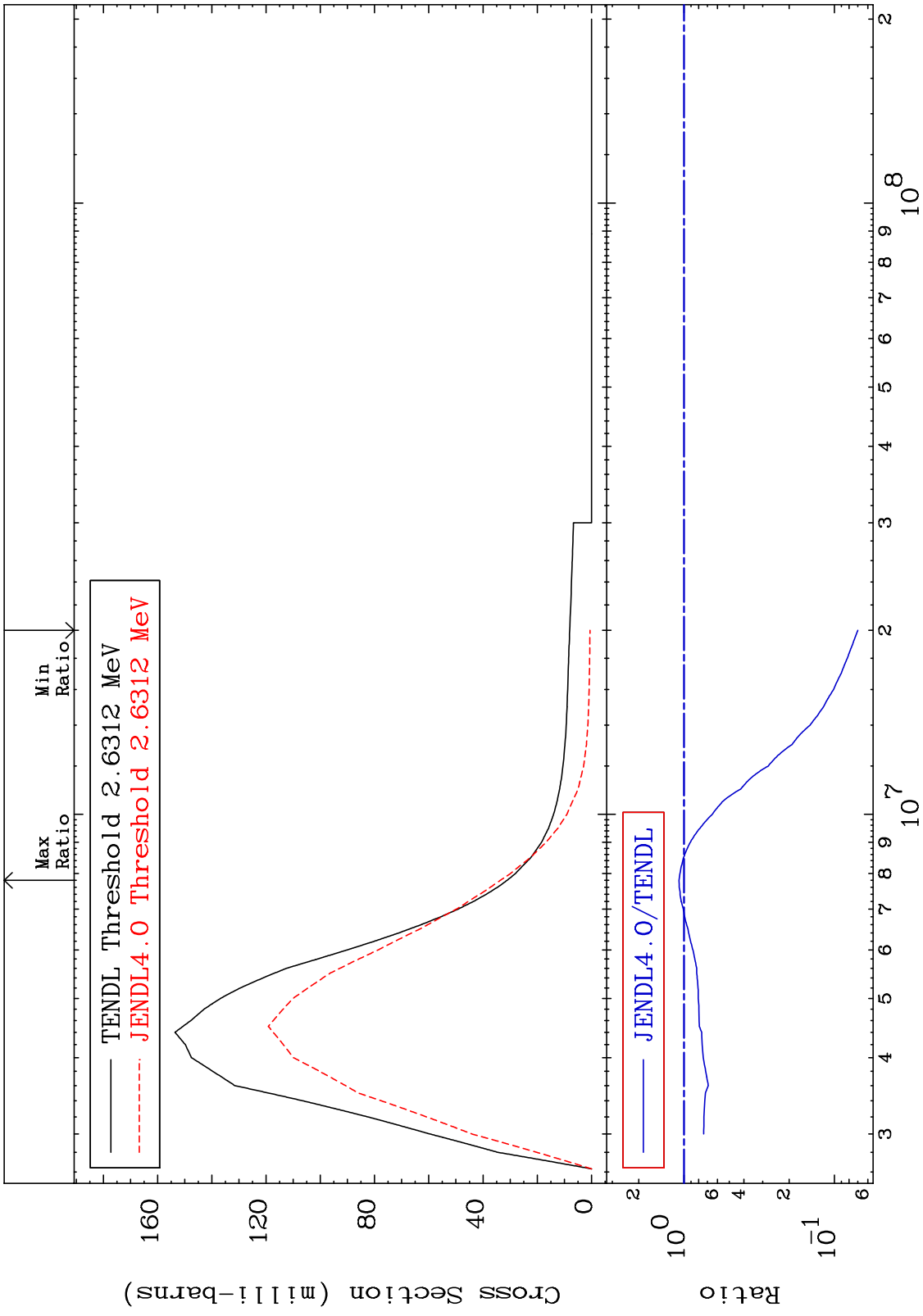
MAT 2043 MT= 51 (n,n') Level Cross Section -24.85 To 312.5 % 20-Ca-46



MAT 2043 MT= 52 (n,n') Level Cross Section -41.11 To 7318. % 20-Ca-46

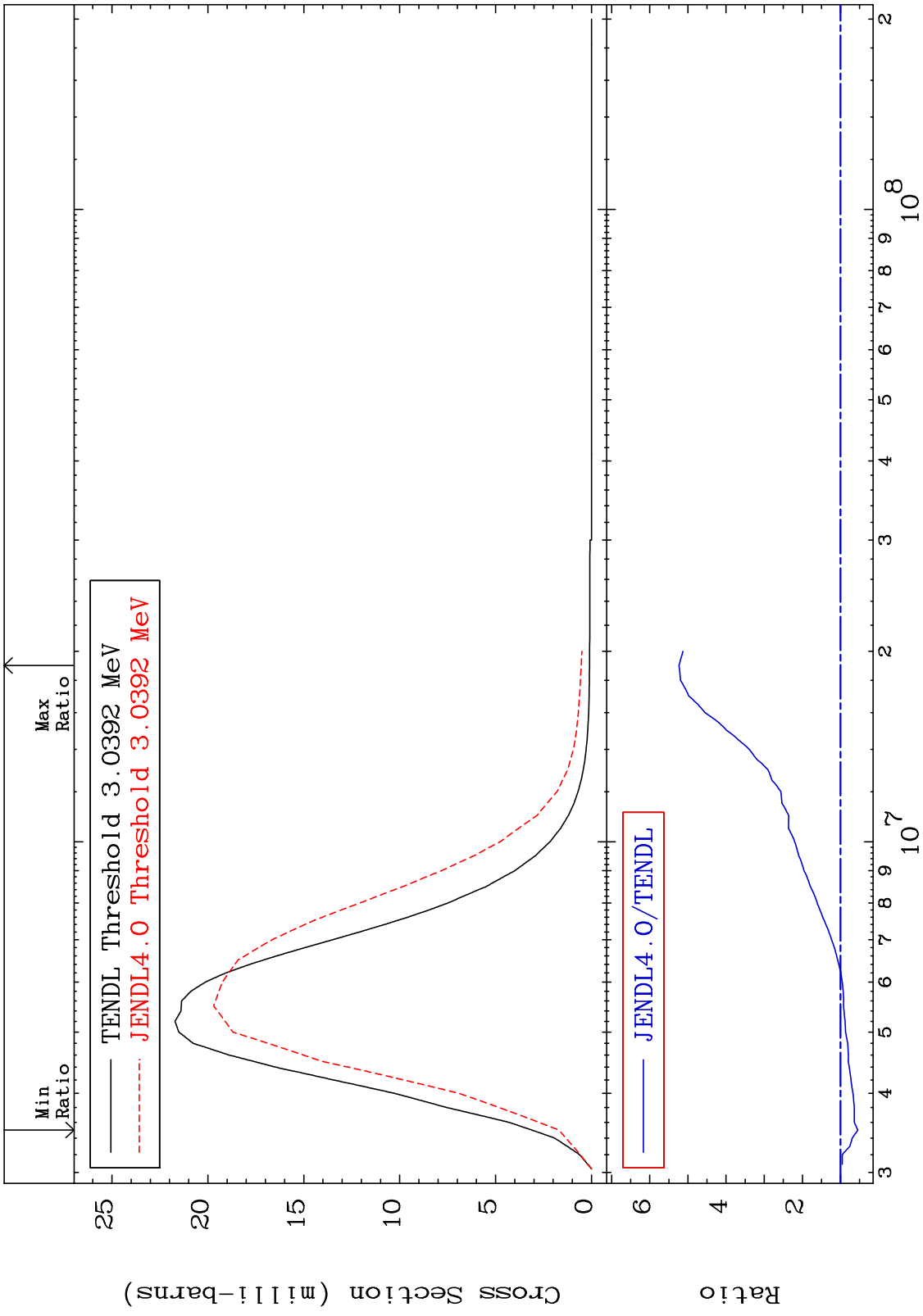


MAT 2043 MT= 53 (n,n') Level Cross Section -93.01 To 7.985 % 20-Ca-46

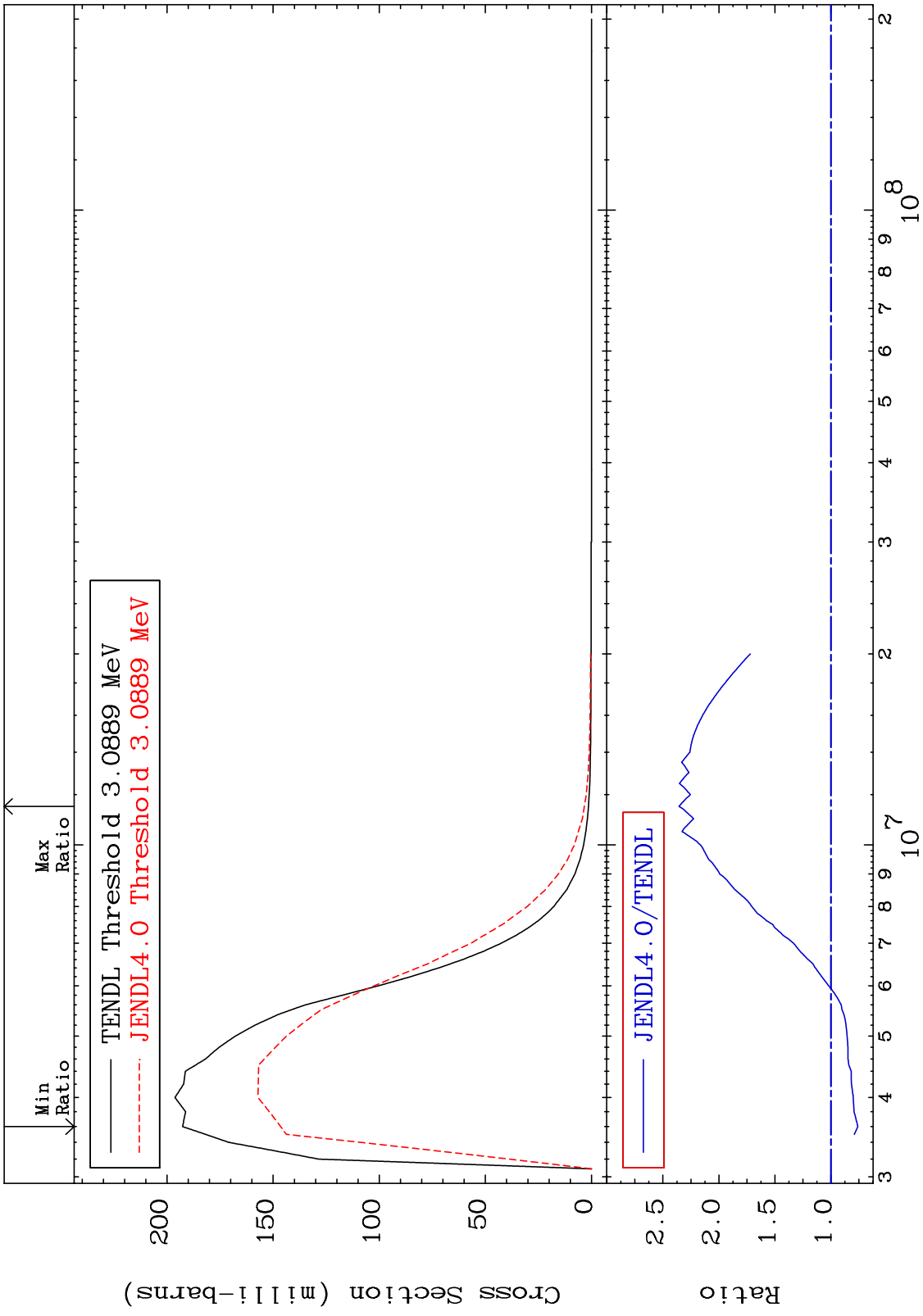


10 Incident Energy (eV) 20-Ca-46

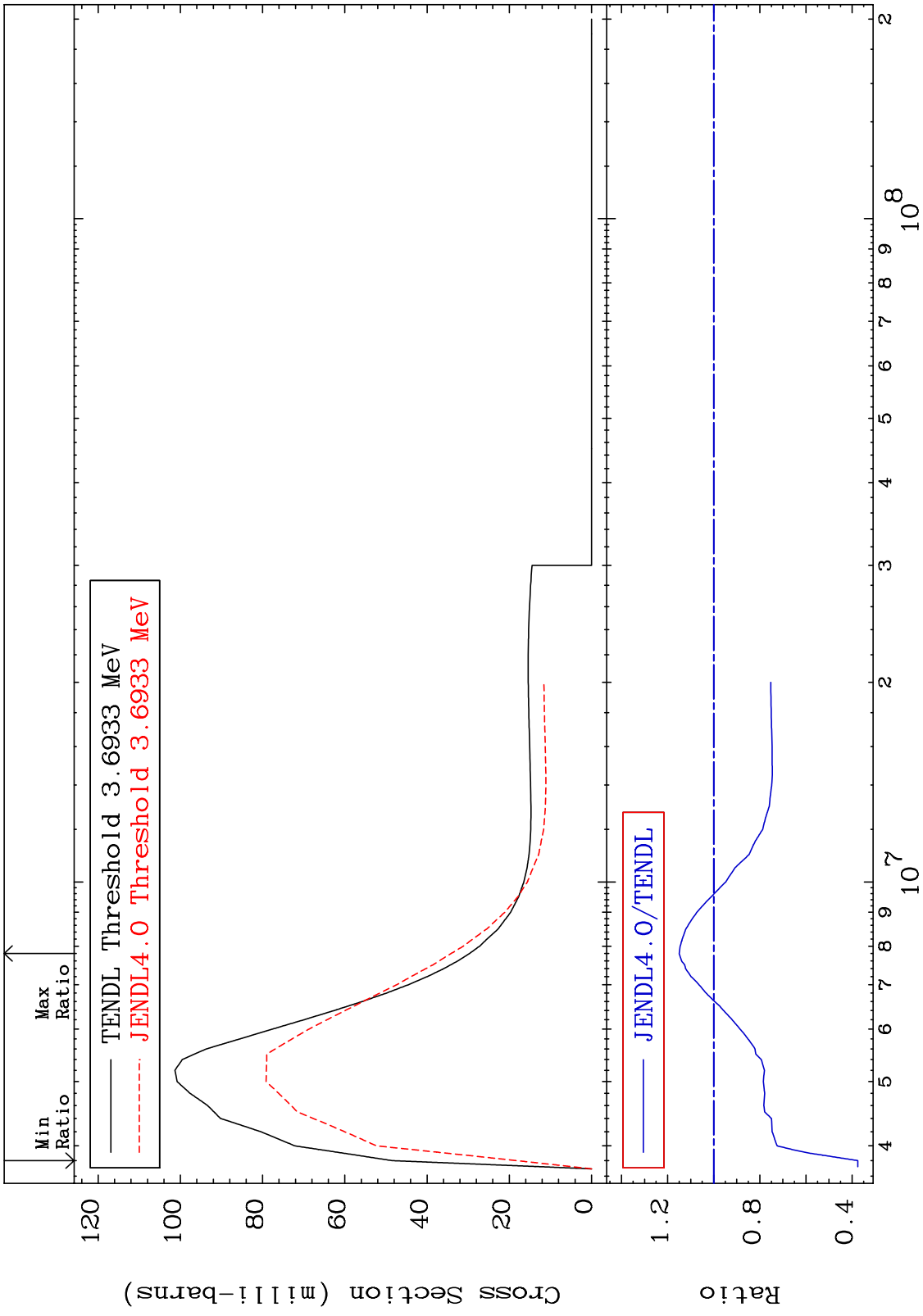
MAT 2043 MT= 54 (n,n') Level Cross Section -45.32 To 423.2 % 20-Ca-46



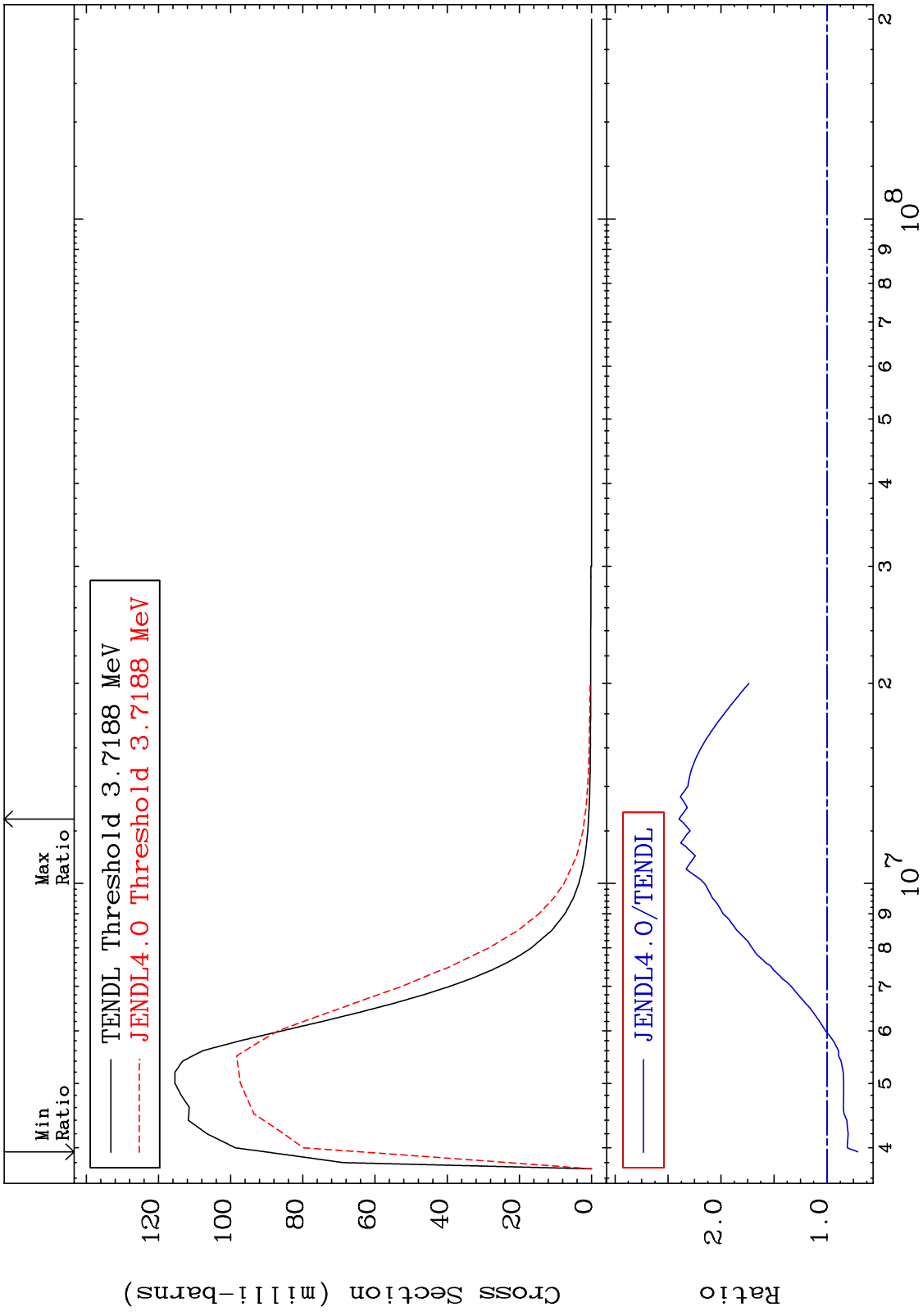
MAT 2043 MT= 55 (n,n') Level Cross Section -23.99 To 135.6 % 20-Ca-46



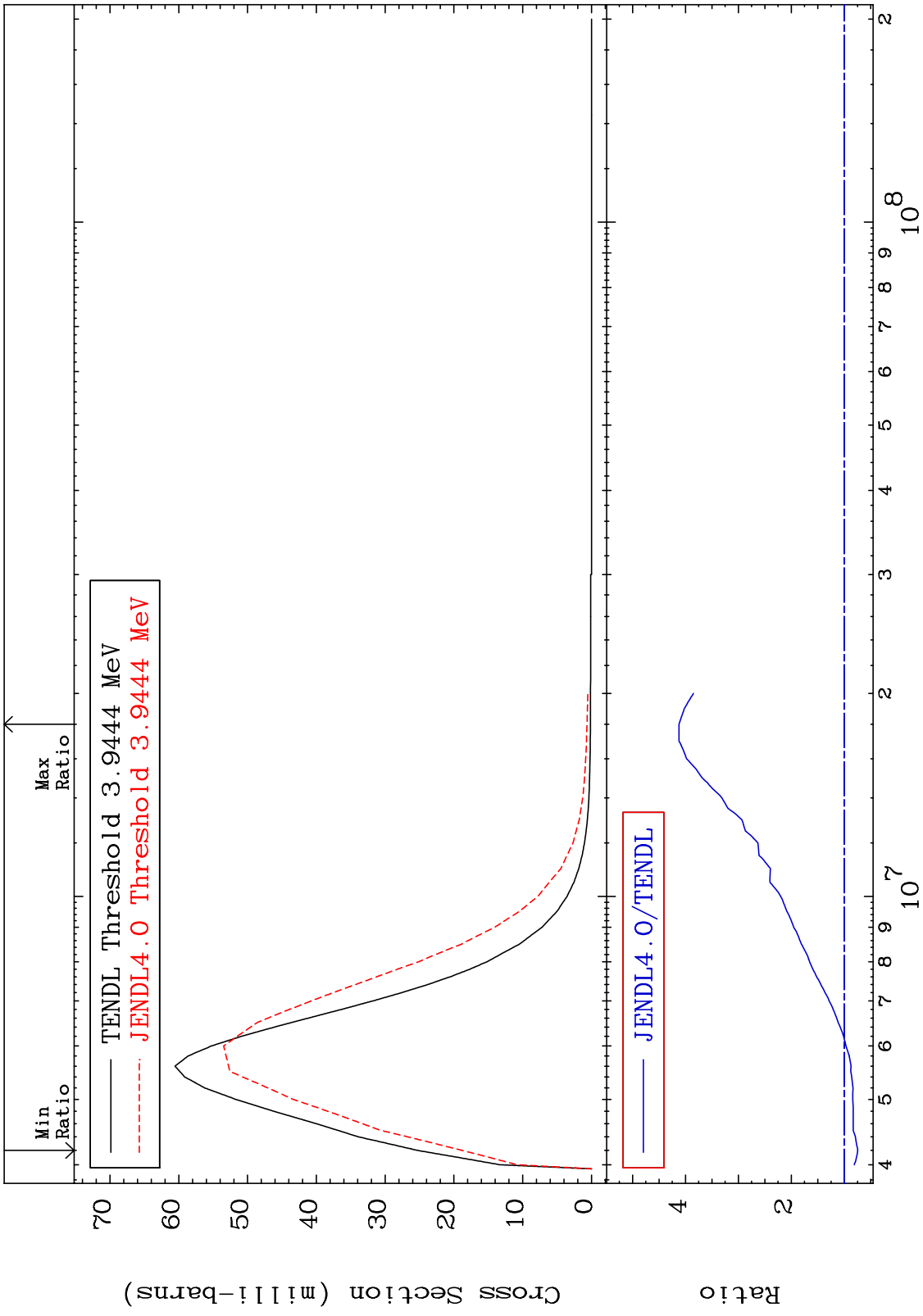
MAT 2043 MT= 56 (n,n') Level Cross Section -62.50 To 15.04 % 20-Ca-46



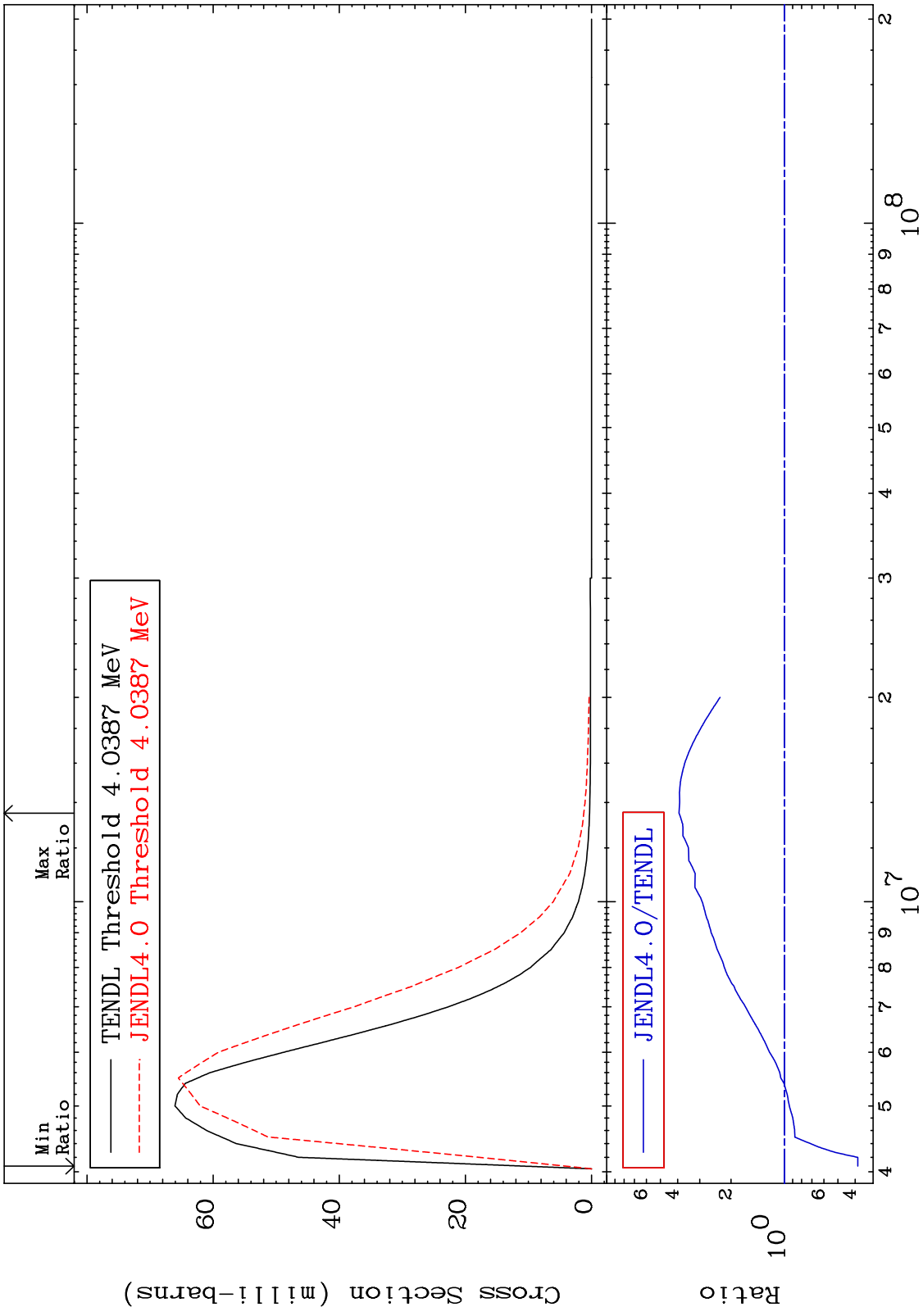
MAT 2043 MT= 57 (n,n') Level Cross Section -29.14 To 139.6 % 20-Ca-46



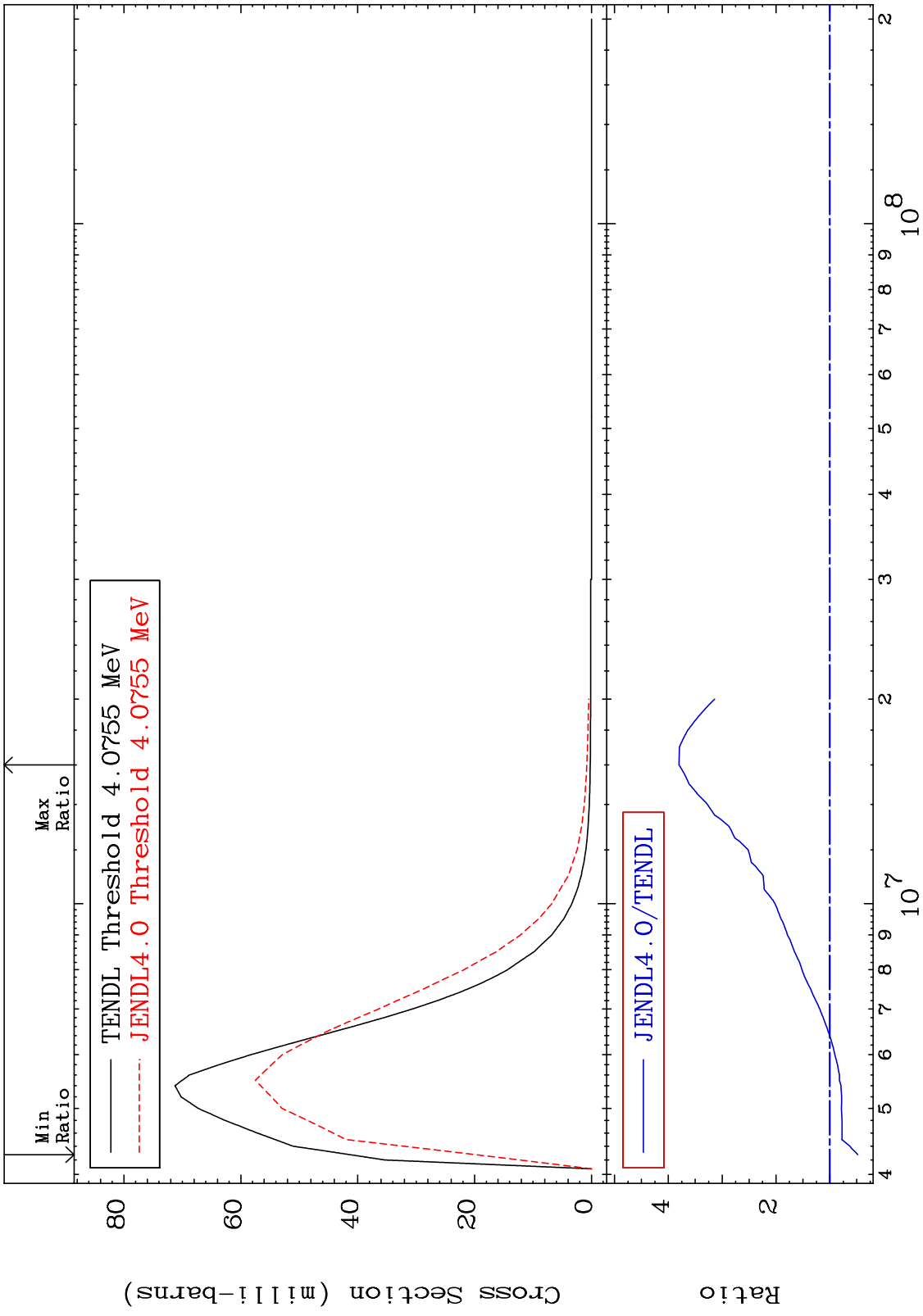
MAT 2043 MT= 58 (n,n') Level Cross Section -25.69 To 312.2 % 20-Ca-46



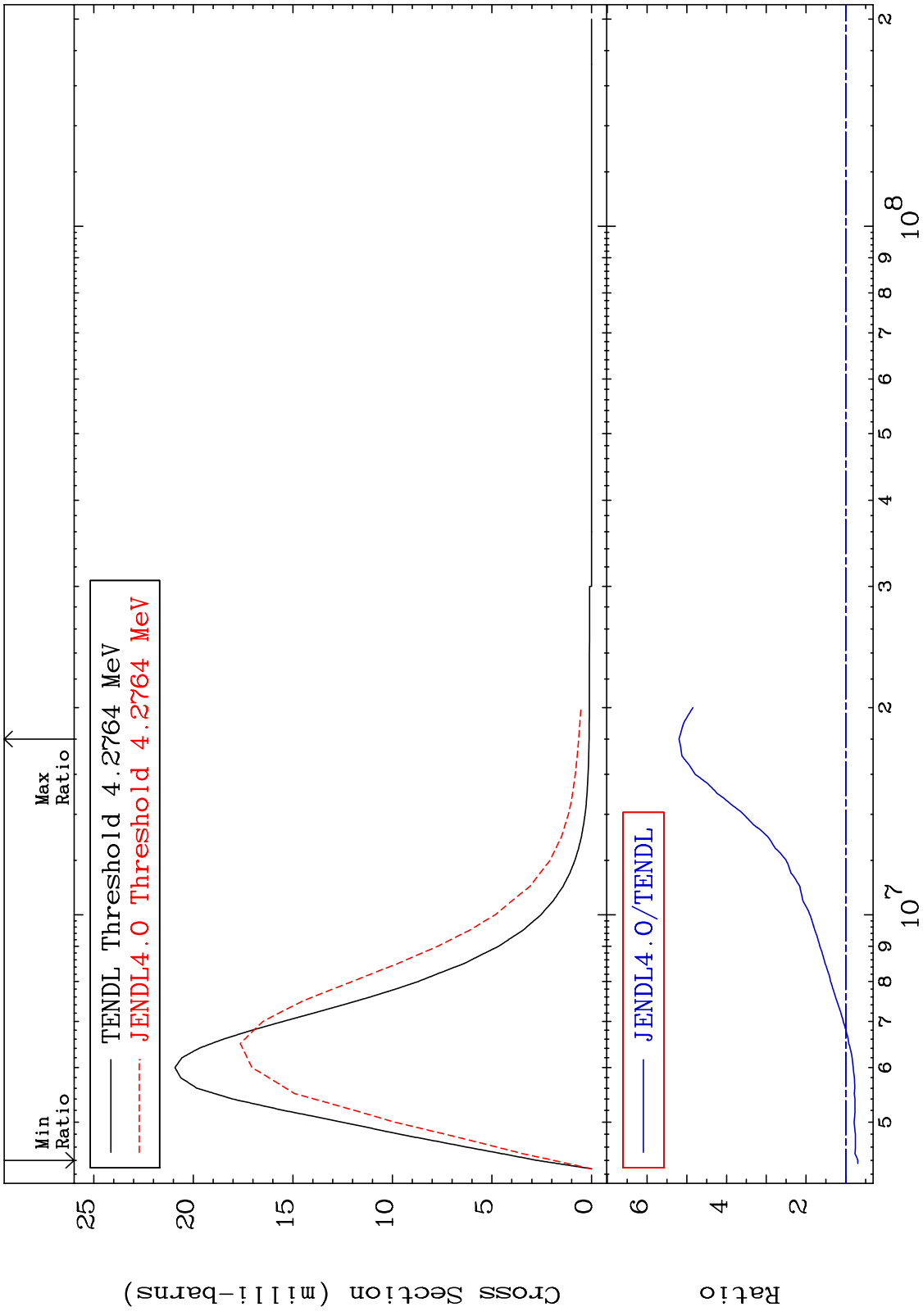
MAT 2043 MT= 59 (n,n') Level Cross Section 20-Ca-46
 -61.37 To 292.4 %



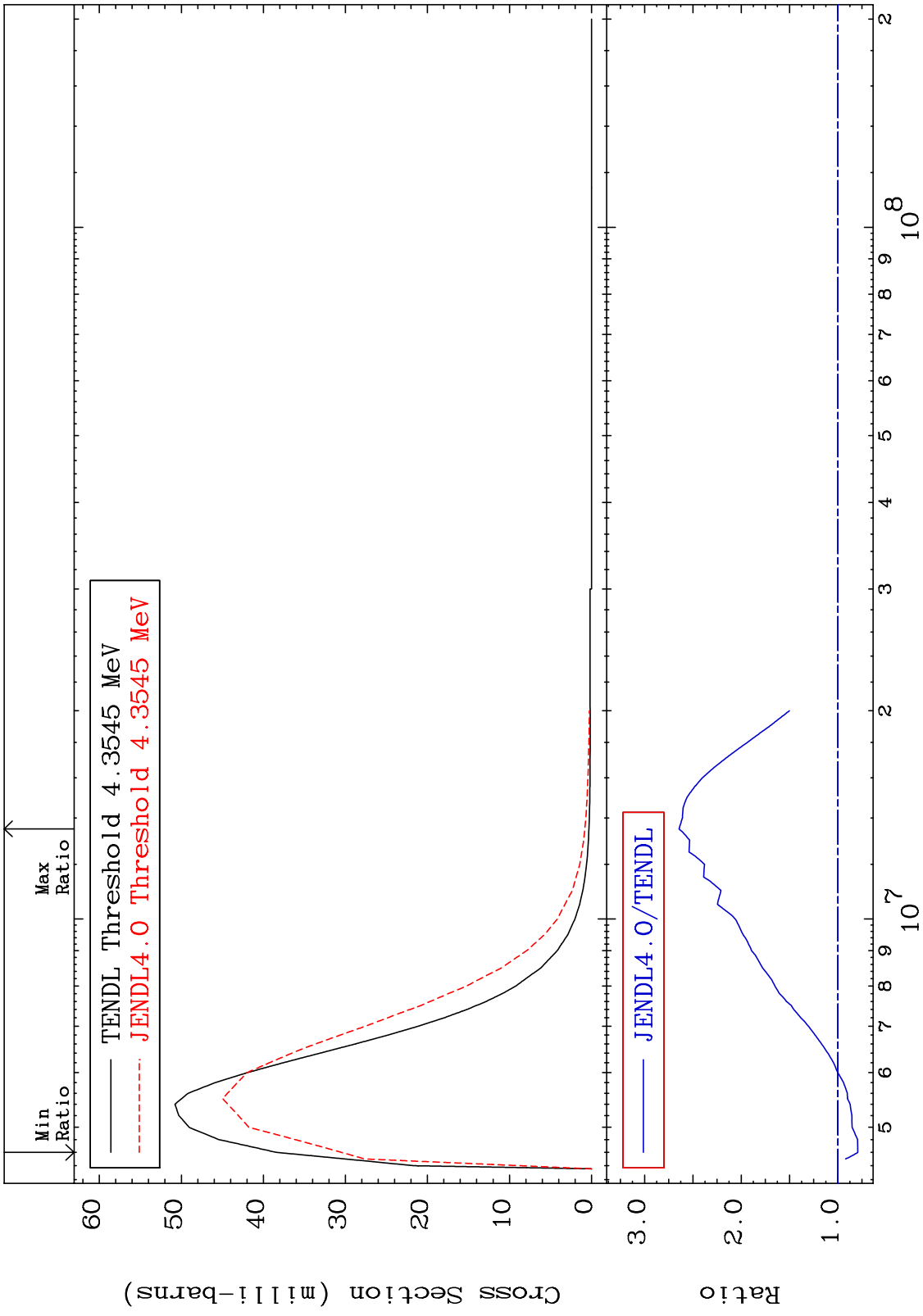
MAT 2043 MT= 60 (n,n') Level Cross Section -51.98 To 280.1 % 20-Ca-46



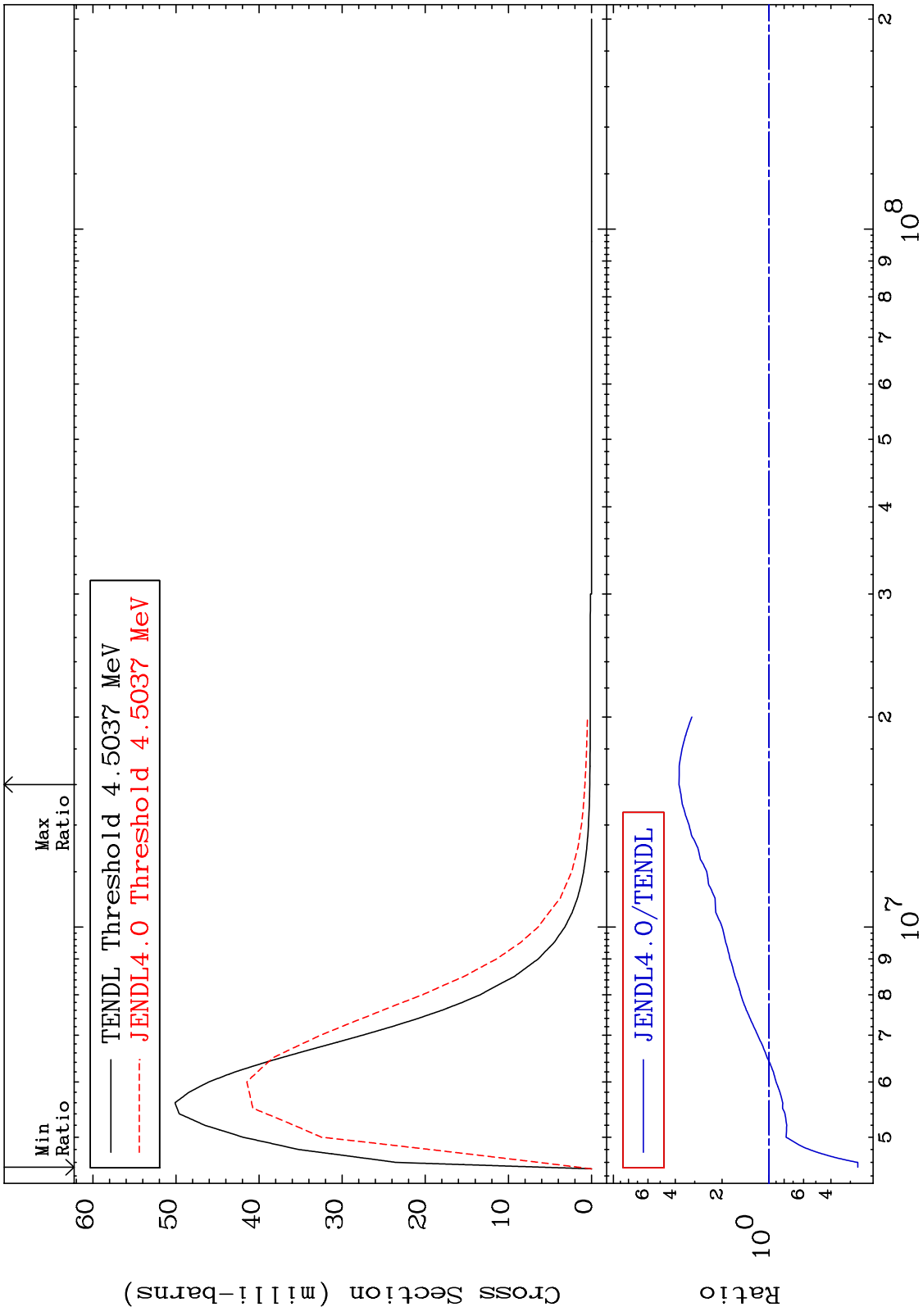
MAT 2043 MT= 61 (n,n') Level Cross Section -30.20 To 419.4 % 20-Ca-46



MAT 2043 MT= 62 (n,n') Level Cross Section 20-Ca-46
 -20.68 To 164.3 %

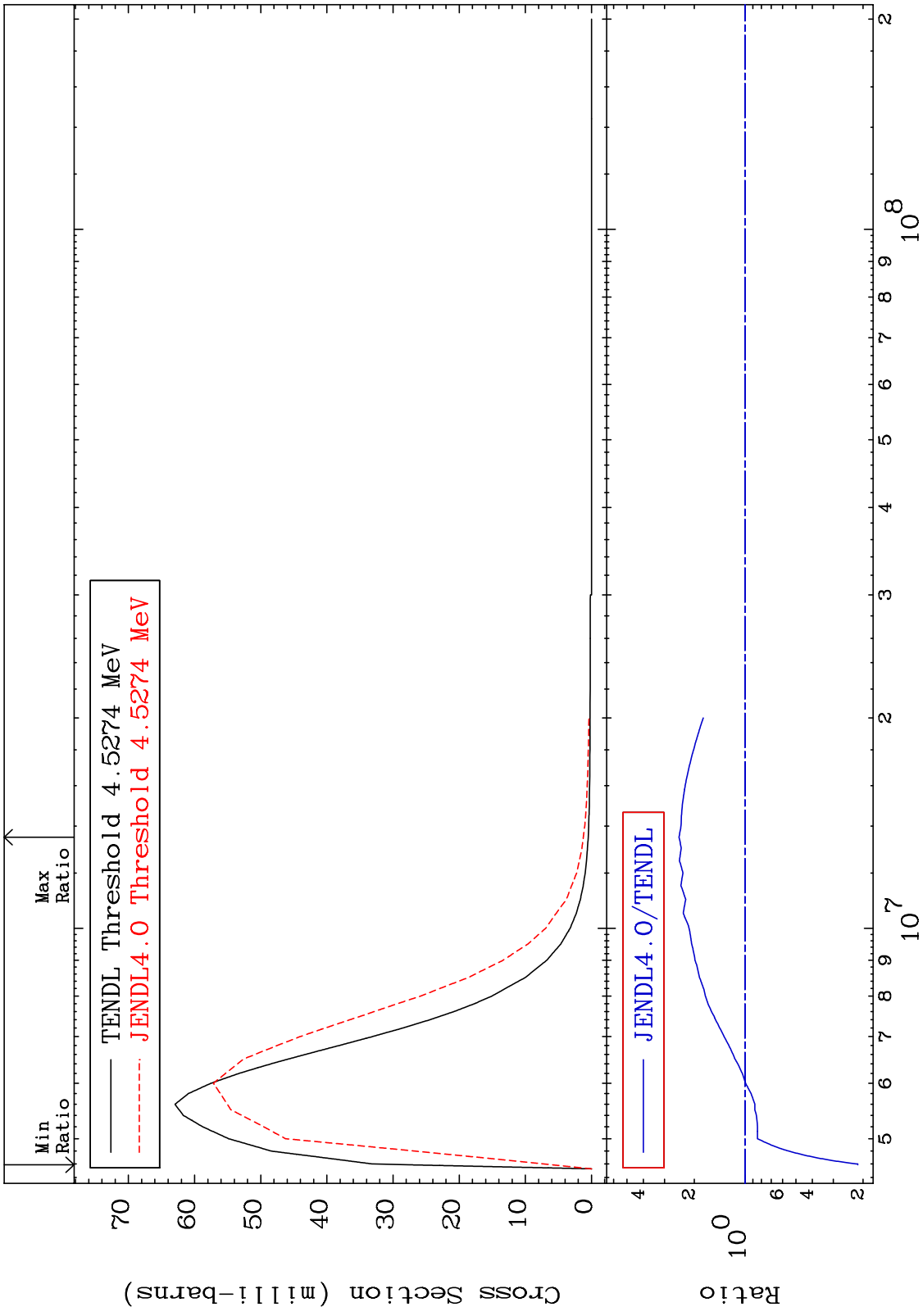


MAT 2043 MT= 63 (n,n') Level Cross Section -73.13 To 278.2 % 20-Ca-46

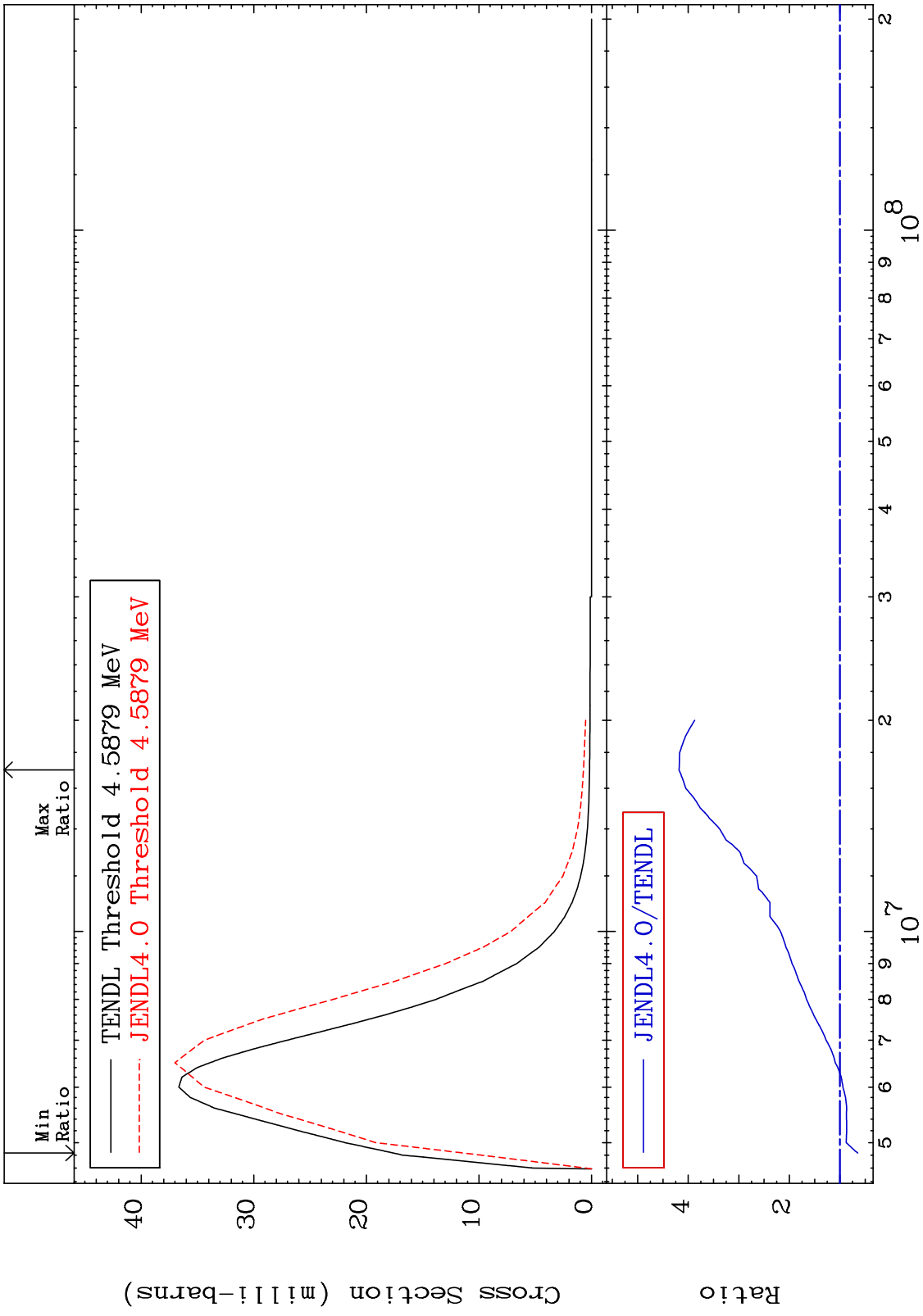


20 Incident Energy (eV) 20-Ca-46

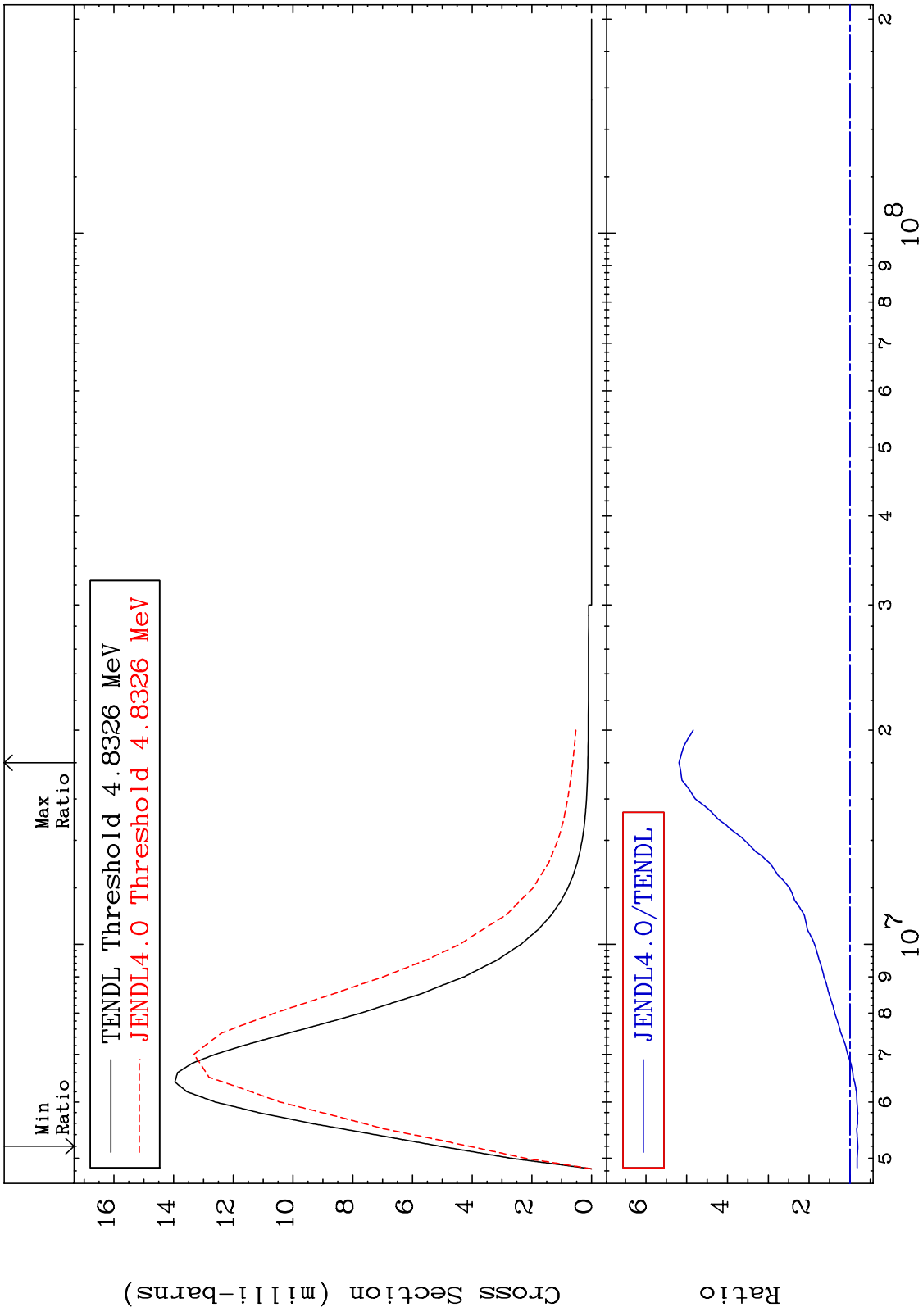
MAT 2043 MT= 64 (n,n') Level 20-Ca-46
 Cross Section -78.52 To 145.9 %



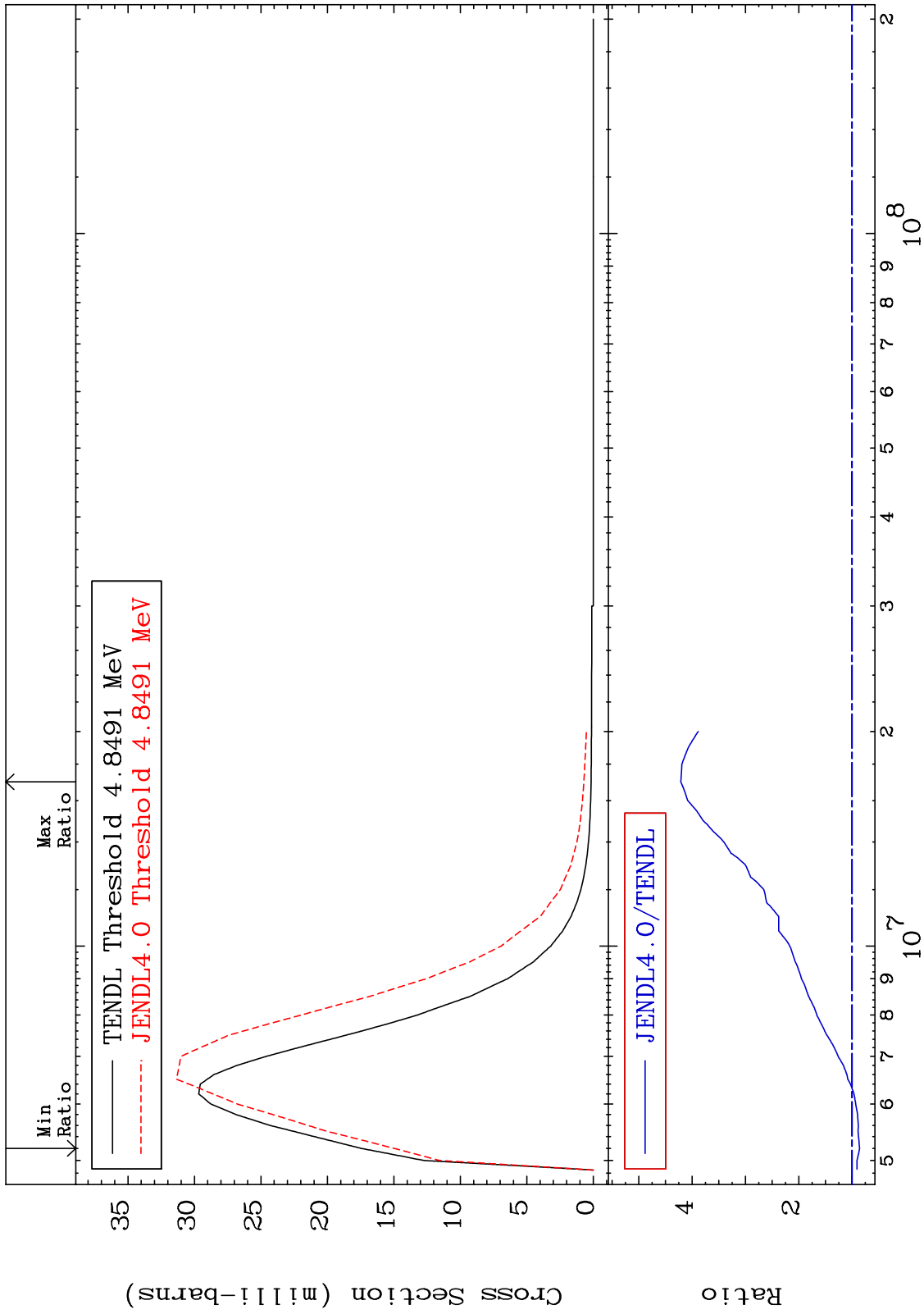
MAT 2043 MT= 65 (n,n') Level Cross Section -35.42 To 318.2 % 20-Ca-46



MAT 2043 MT= 66 (n,n') Level Cross Section -19.37 To 418.8 % 20-Ca-46

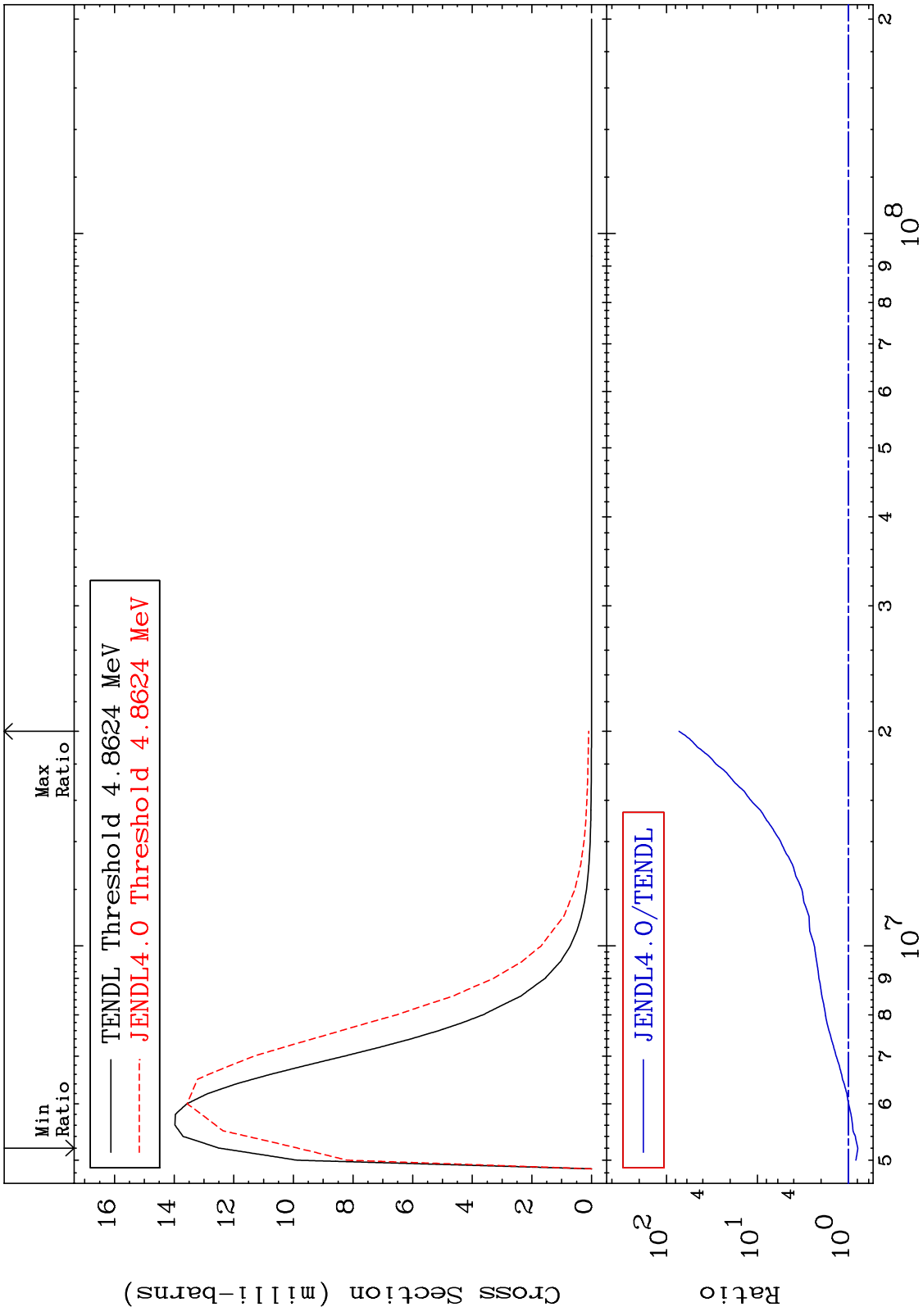


MAT 2043 MT= 67 (n,n') Level Cross Section -14.23 To 321.1 % 20-Ca-46



24 20-Ca-46

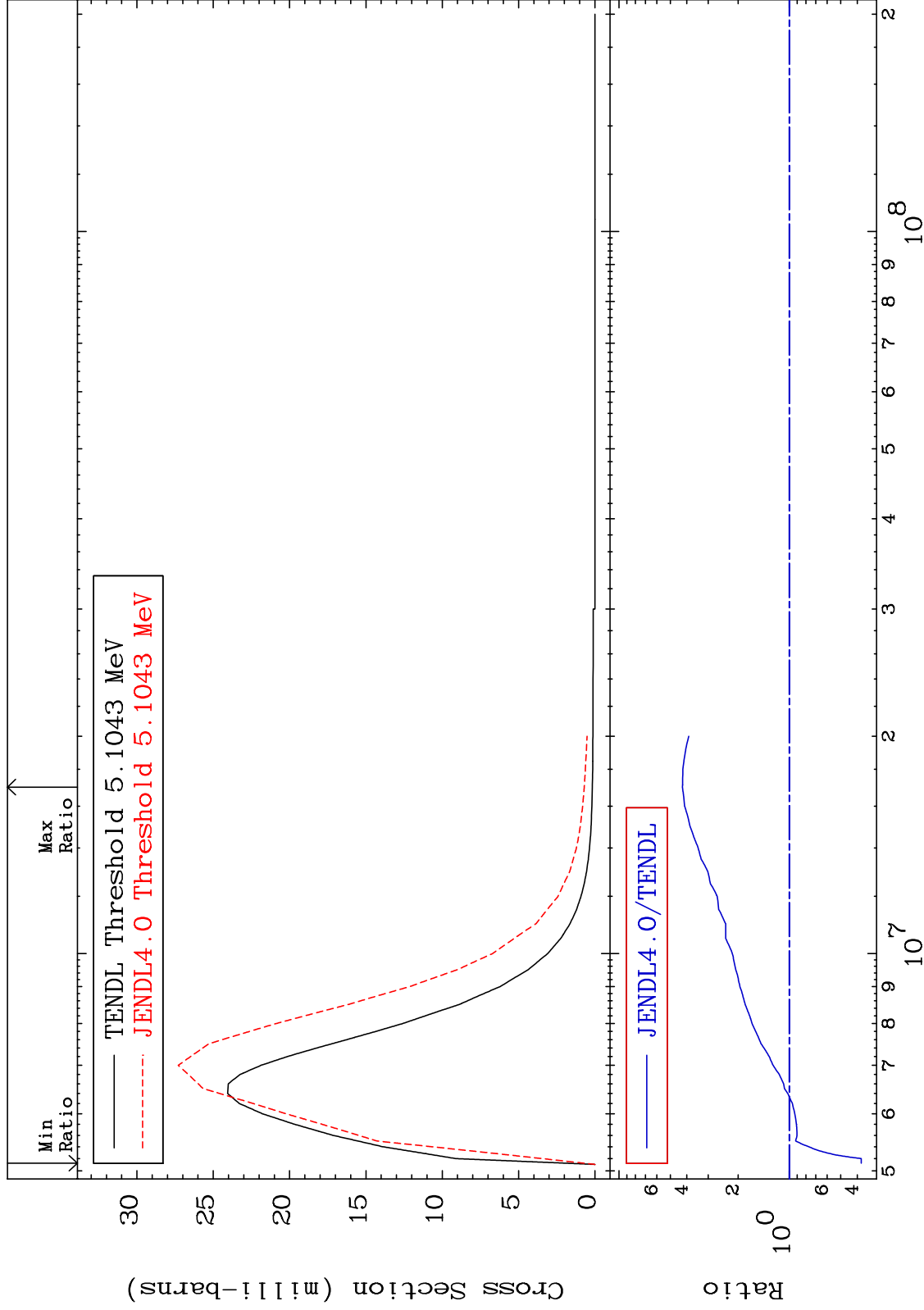
MAT 2043 MT= 68 (n,n') Level Cross Section -21.10 To 7196. % 20-Ca-46



MAT 2043

MT= 69 (n,n') Level
Cross Section

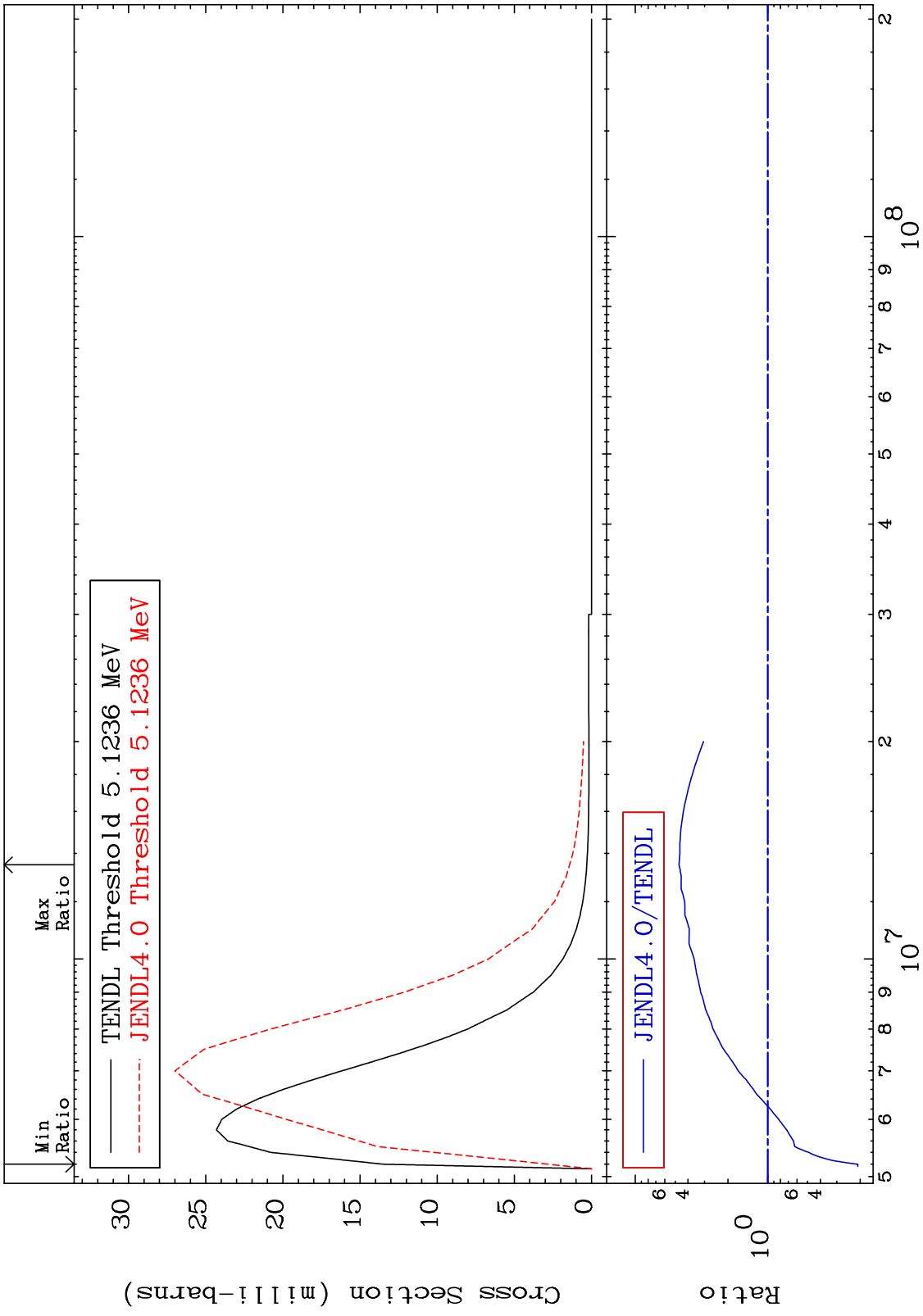
20-Ca-46
-62.14 To 324.1 %



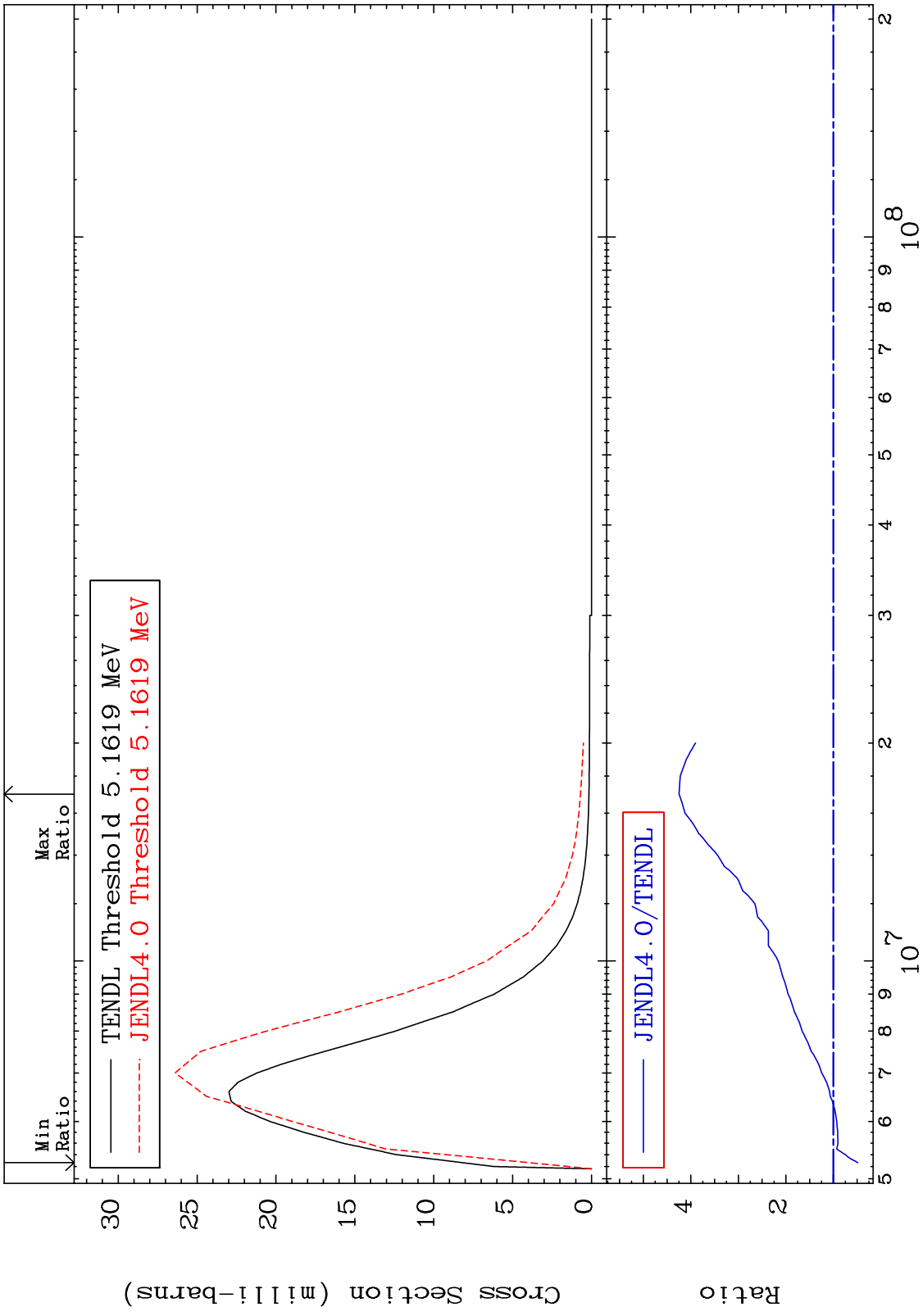
26

20-Ca-46

MAT 2043 MT= 70 (n,n') Level 20-Ca-46
 Cross Section -79.16 To 367.5 %



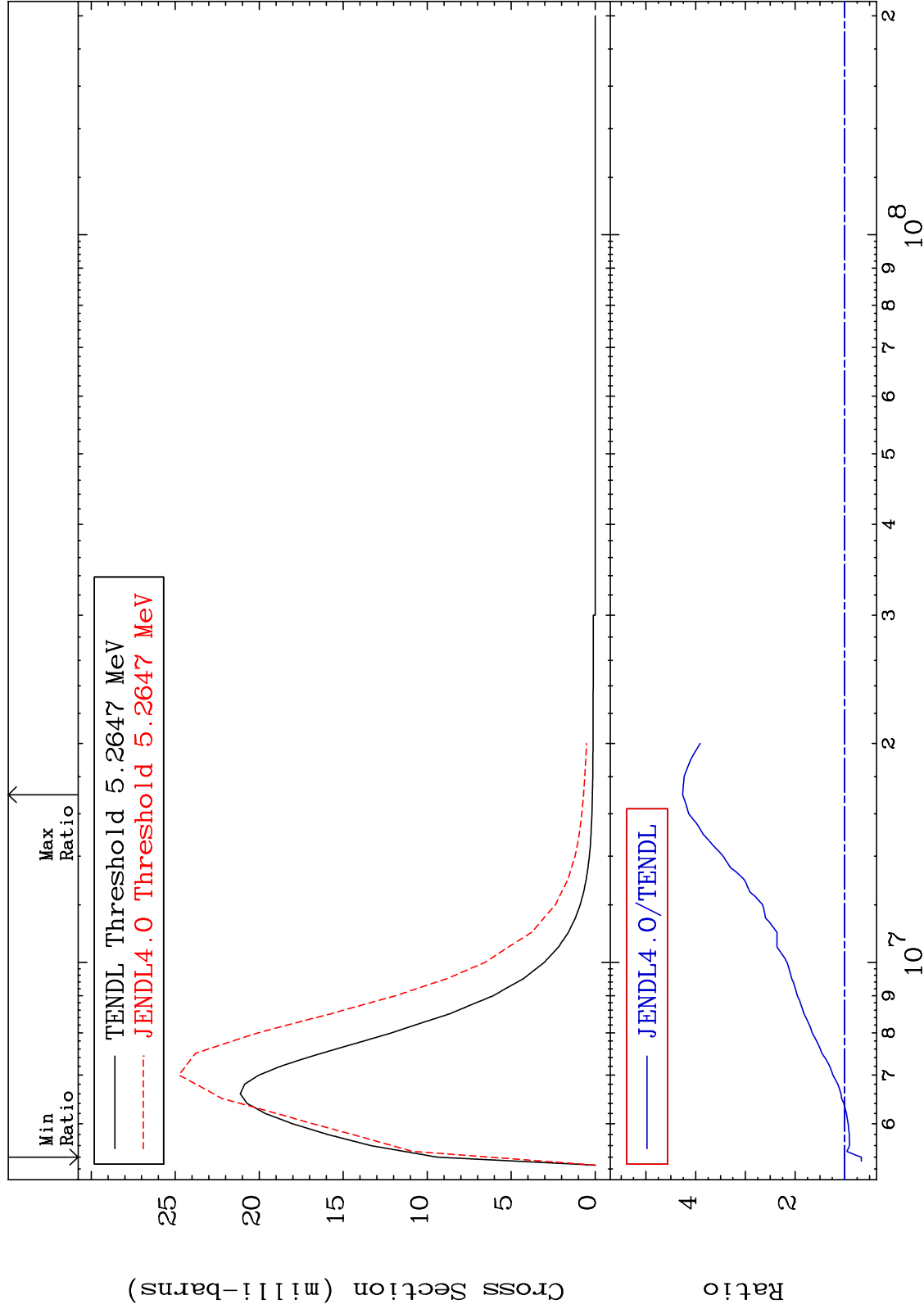
MAT 2043 MT= 71 (n,n') Level Cross Section -51.46 To 324.8 % 20-Ca-46



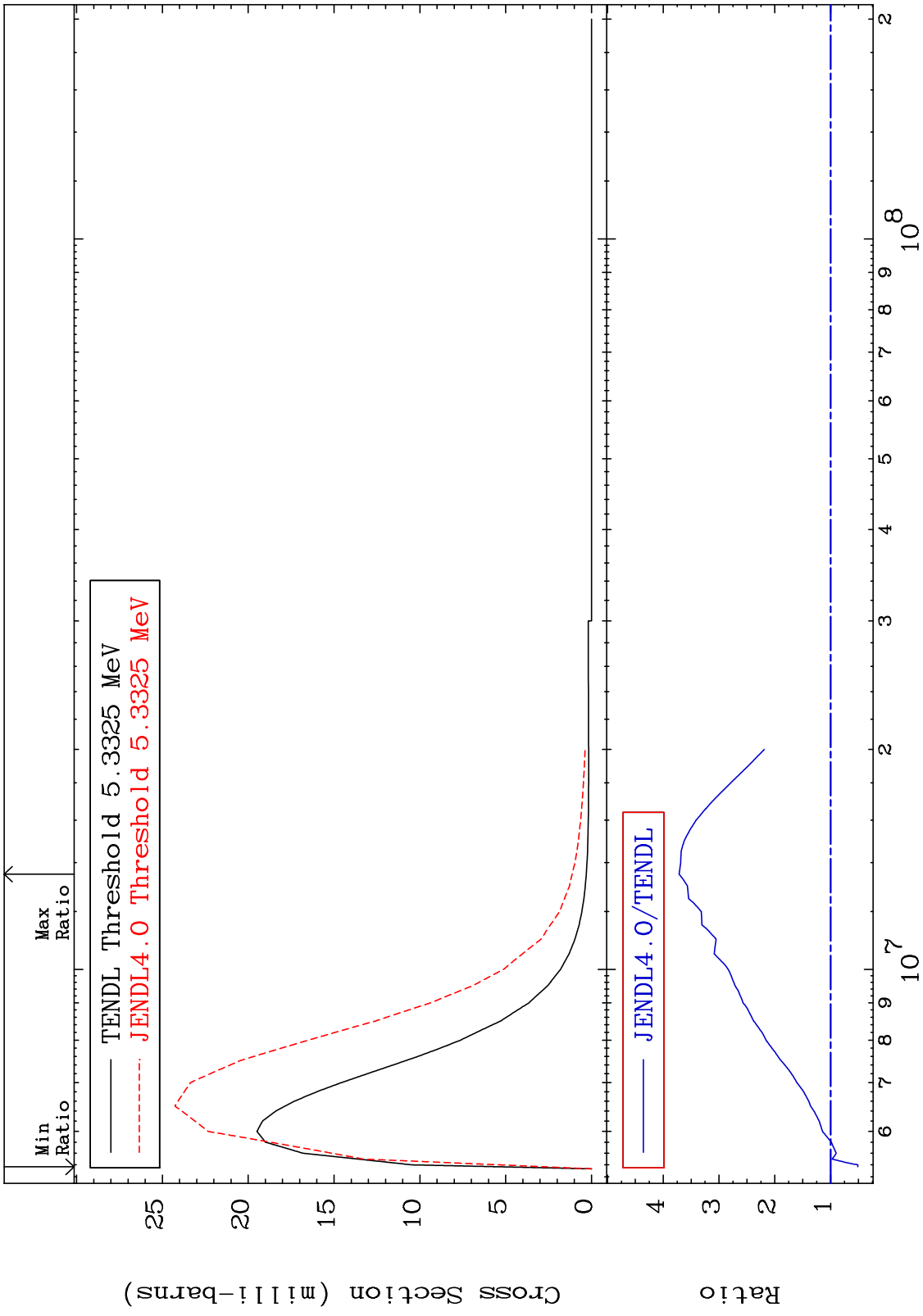
MAT 2043

MT= 72 (n,n') Level
Cross Section

20-Ca-46
-33.39 To 326.1 %

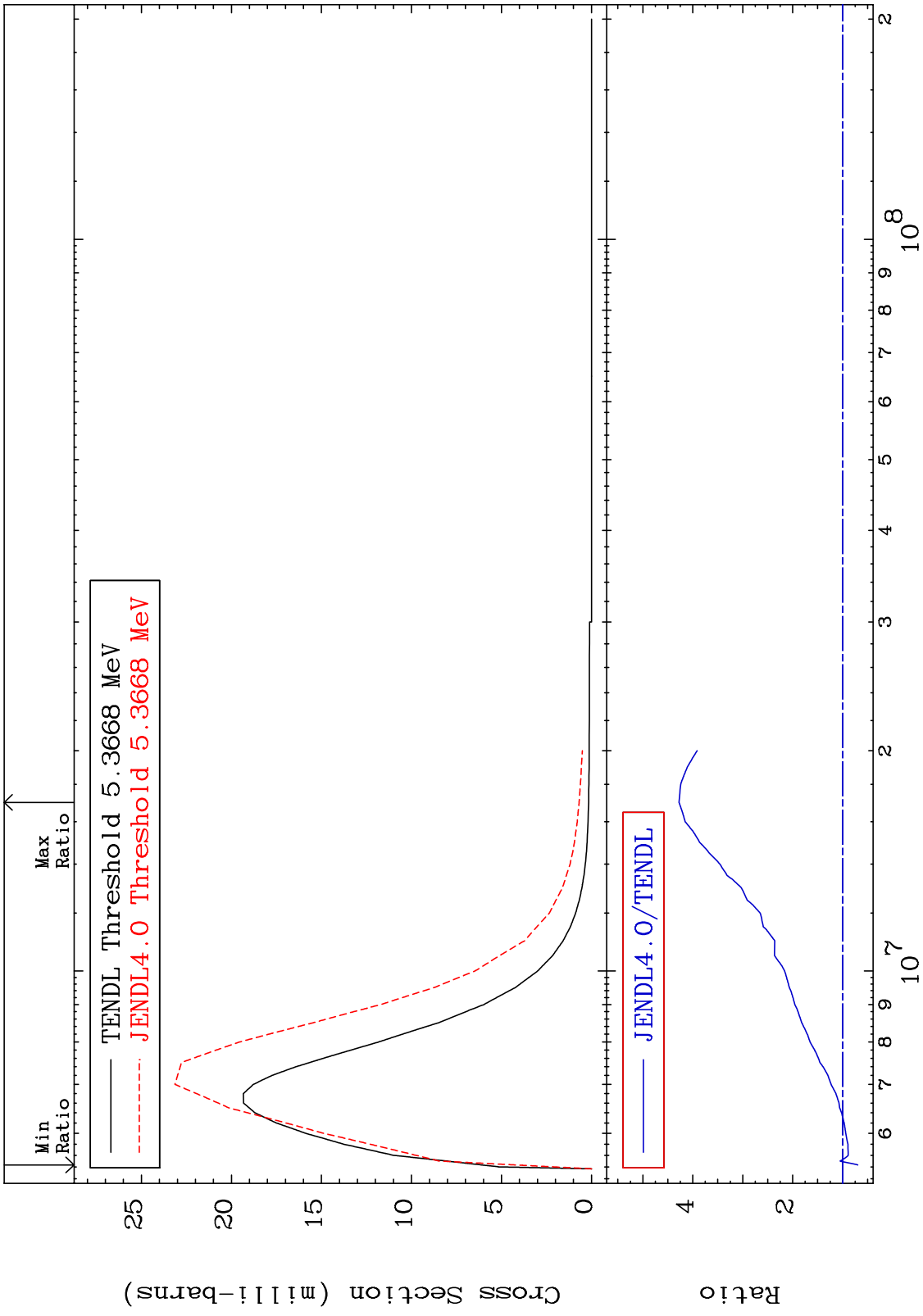


MAT 2043 MT= 73 (n,n') Level 20-Ca-46
 Cross Section -48.81 To 271.7 %

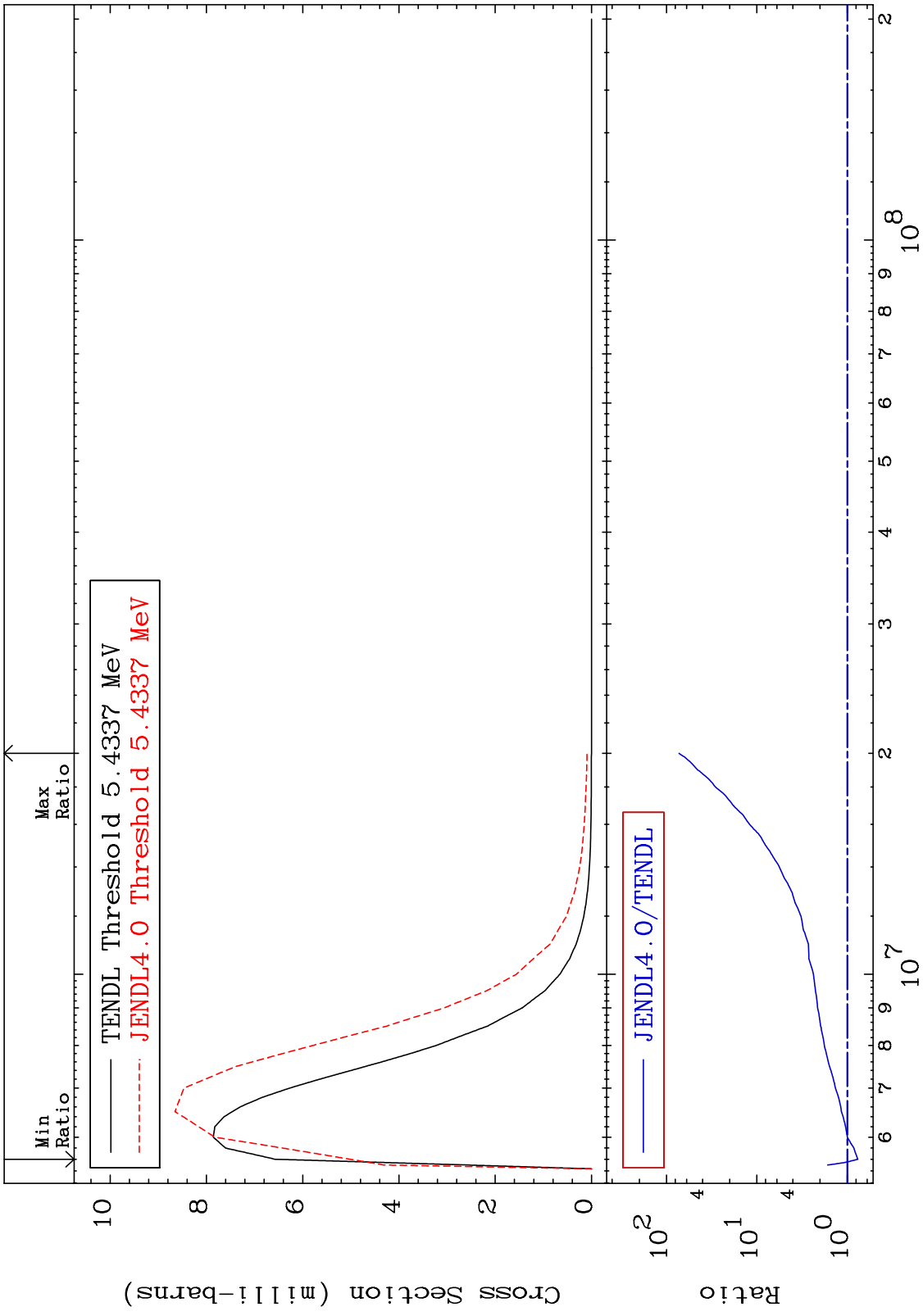


30 Incident Energy (eV) 20-Ca-46

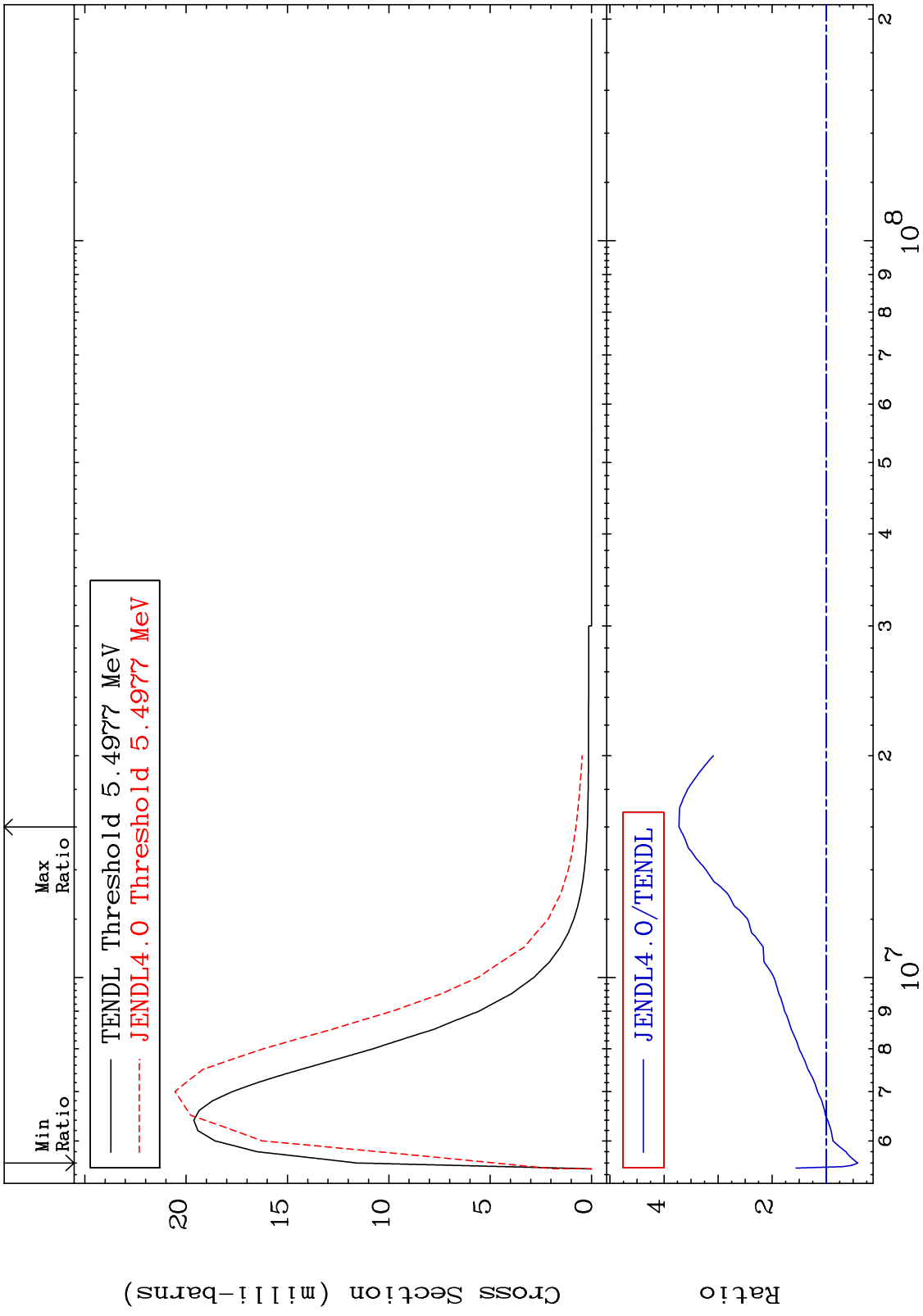
MAT 2043 MT= 74 (n,n') Level Cross Section -30.46 To 327.5 % 20-Ca-46



MAT 2043 MT= 75 (n,n') Level Cross Section 20-Ca-46
 -23.66 To 7171. %



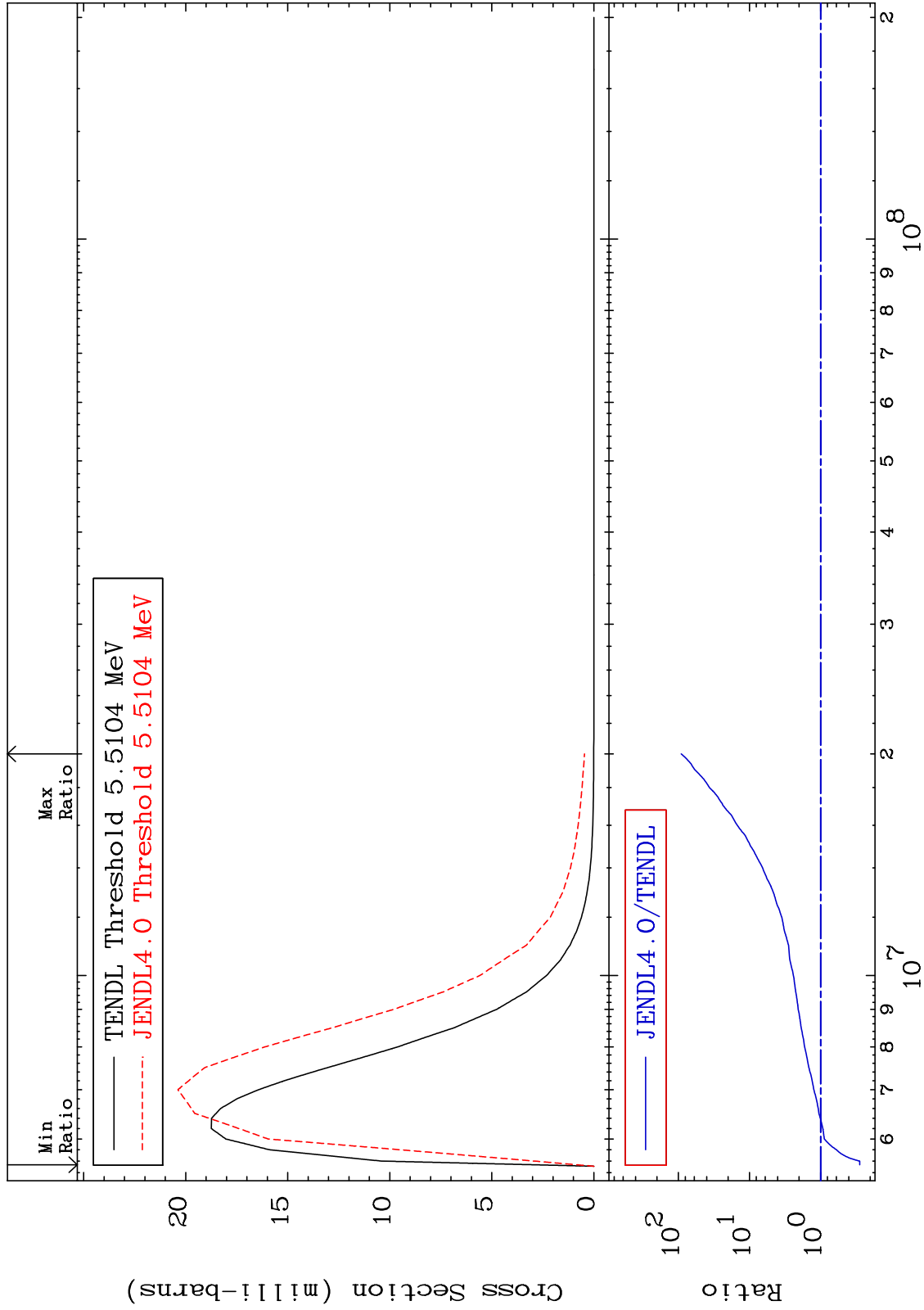
MAT 2043 MT= 76 (n,n') Level Cross Section -58.59 To 272.2 % 20-Ca-46



MAT 2043

MT= 77 (n,n') Level
Cross Section

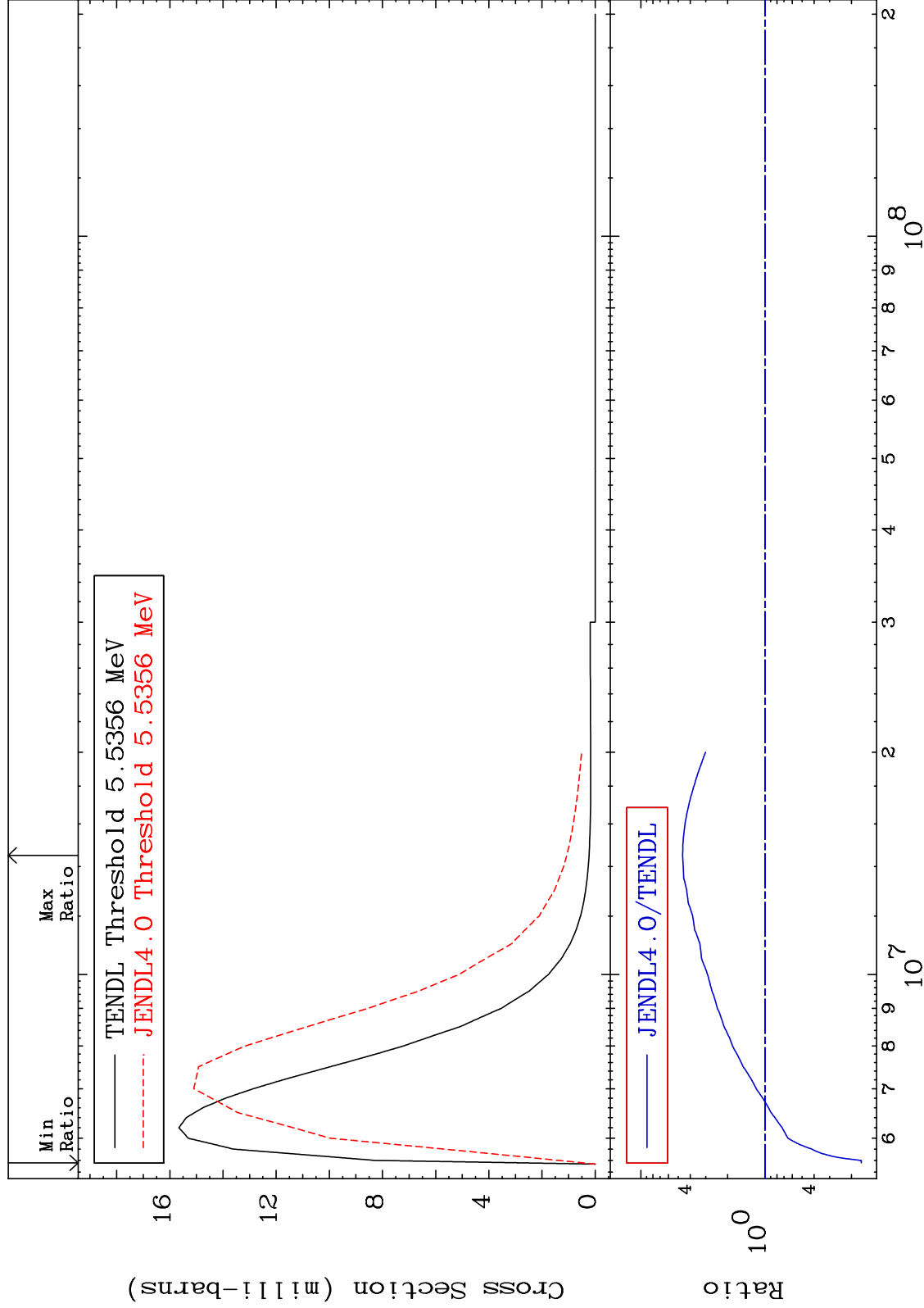
20-Ca-46
-71.94 To 9019. %



MAT 2043

MT= 78 (n,n') Level
Cross Section

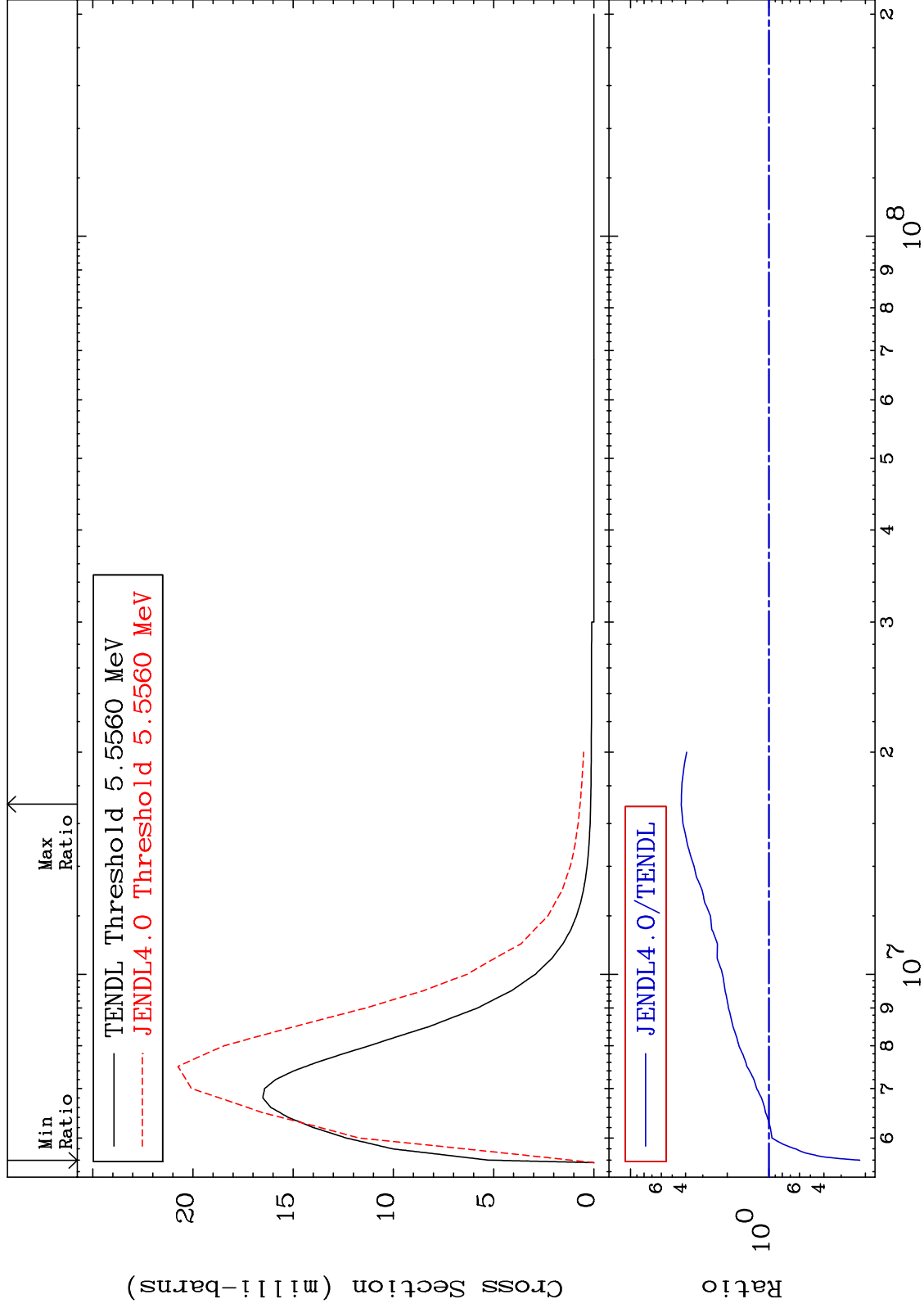
20-Ca-46
-83.34 To 360.3 %



MAT 2043

MT= 79 (n,n') Level
Cross Section

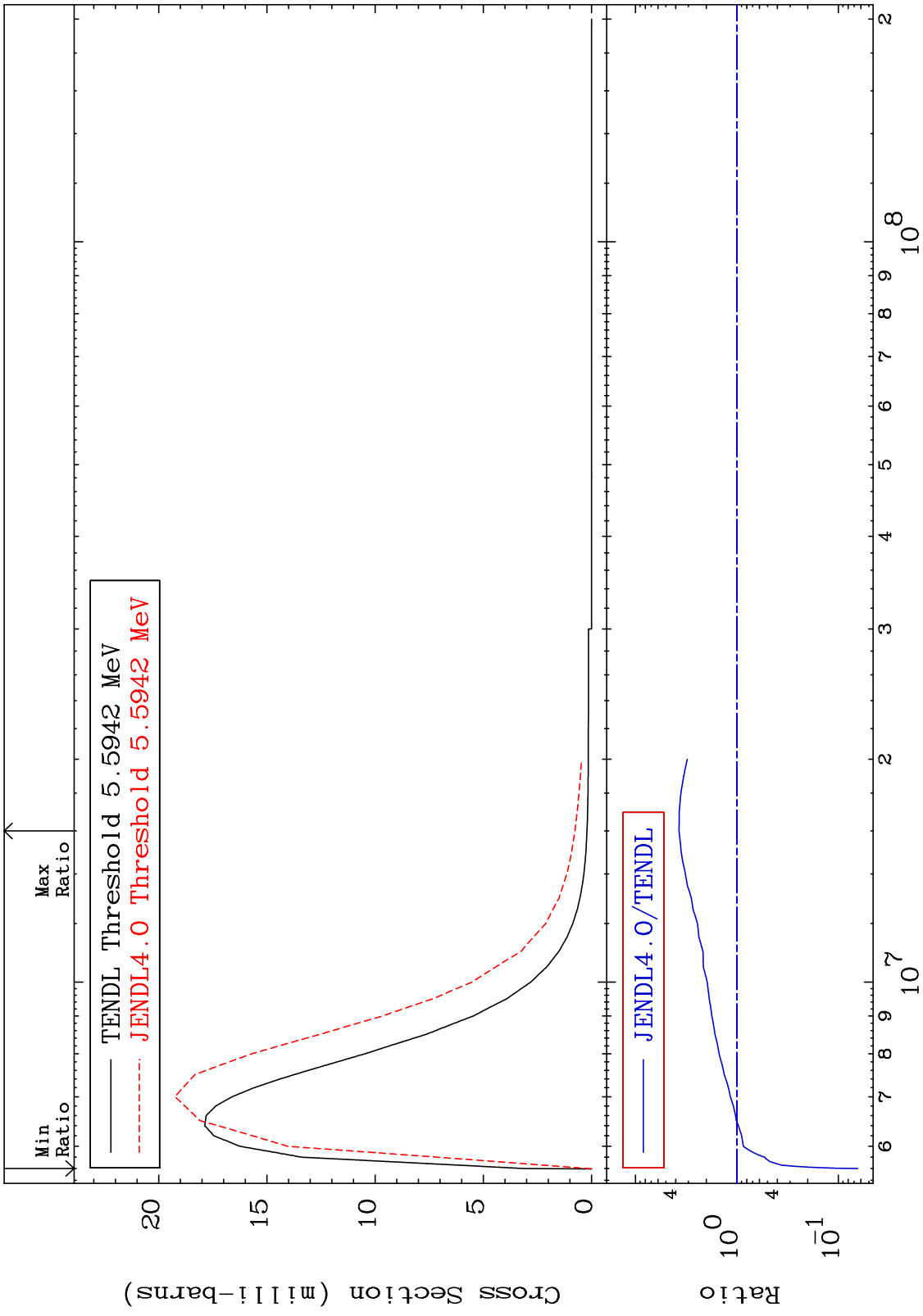
20-Ca-46
-78.01 To 330.1 %



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20-Ca-46

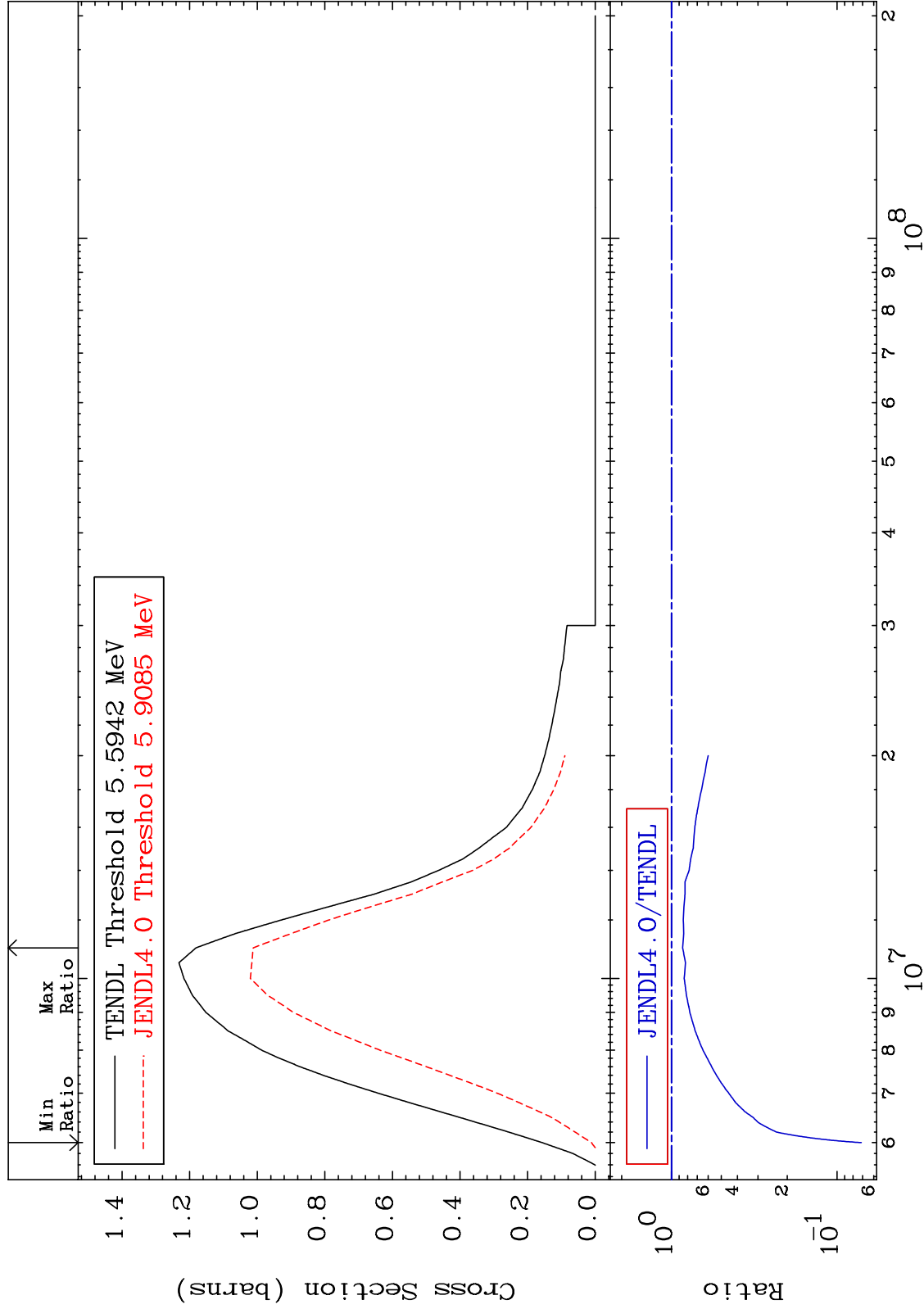
MAT 2043 MT= 80 (n,n') Level Cross Section -93.57 To 271.5 % 20-Ca-46



MAT 2043

(n, n') Continuum
Cross Section

20-Ca-46
-92.87 To -14.33%



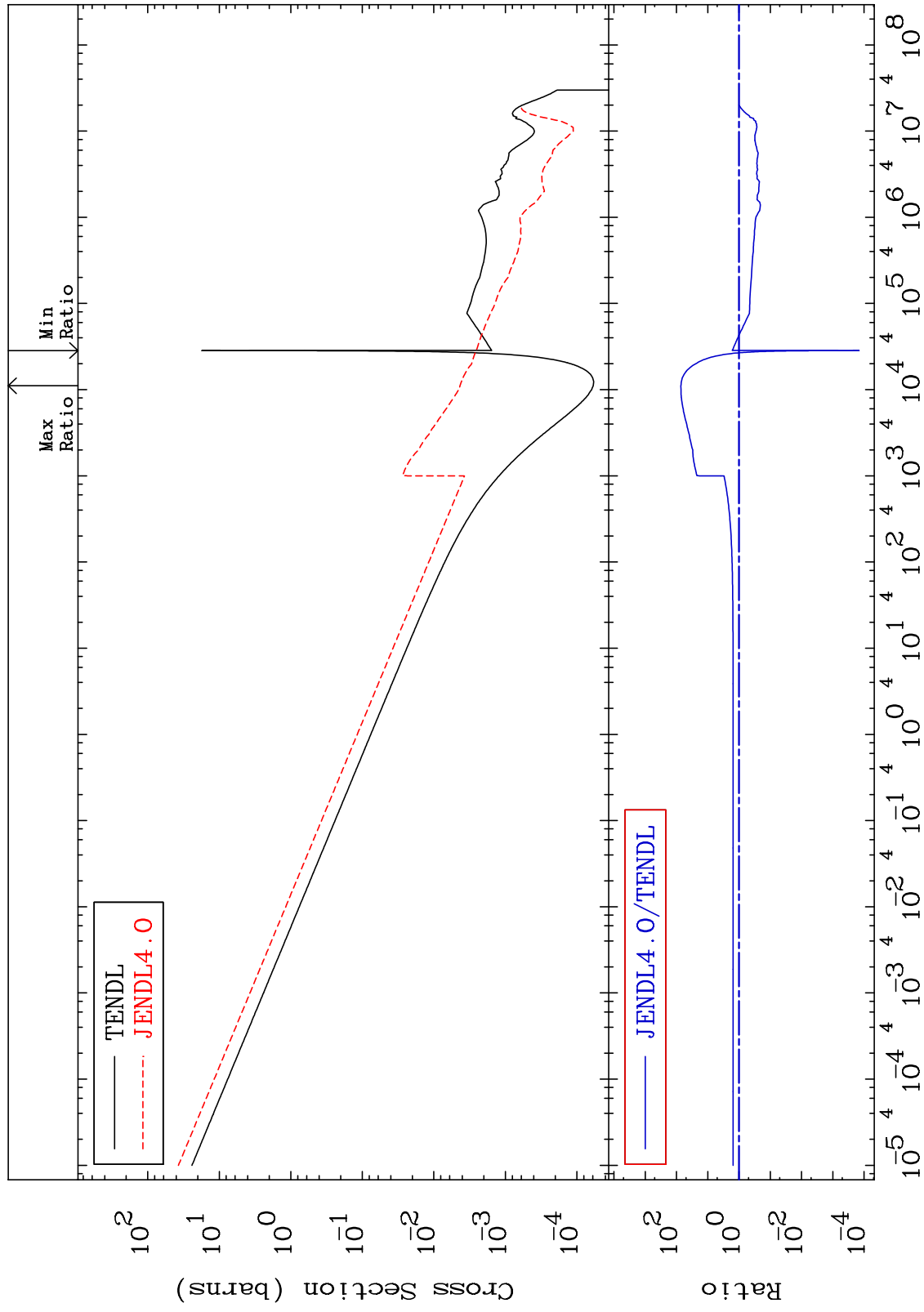
MAT 2043

(n, γ)

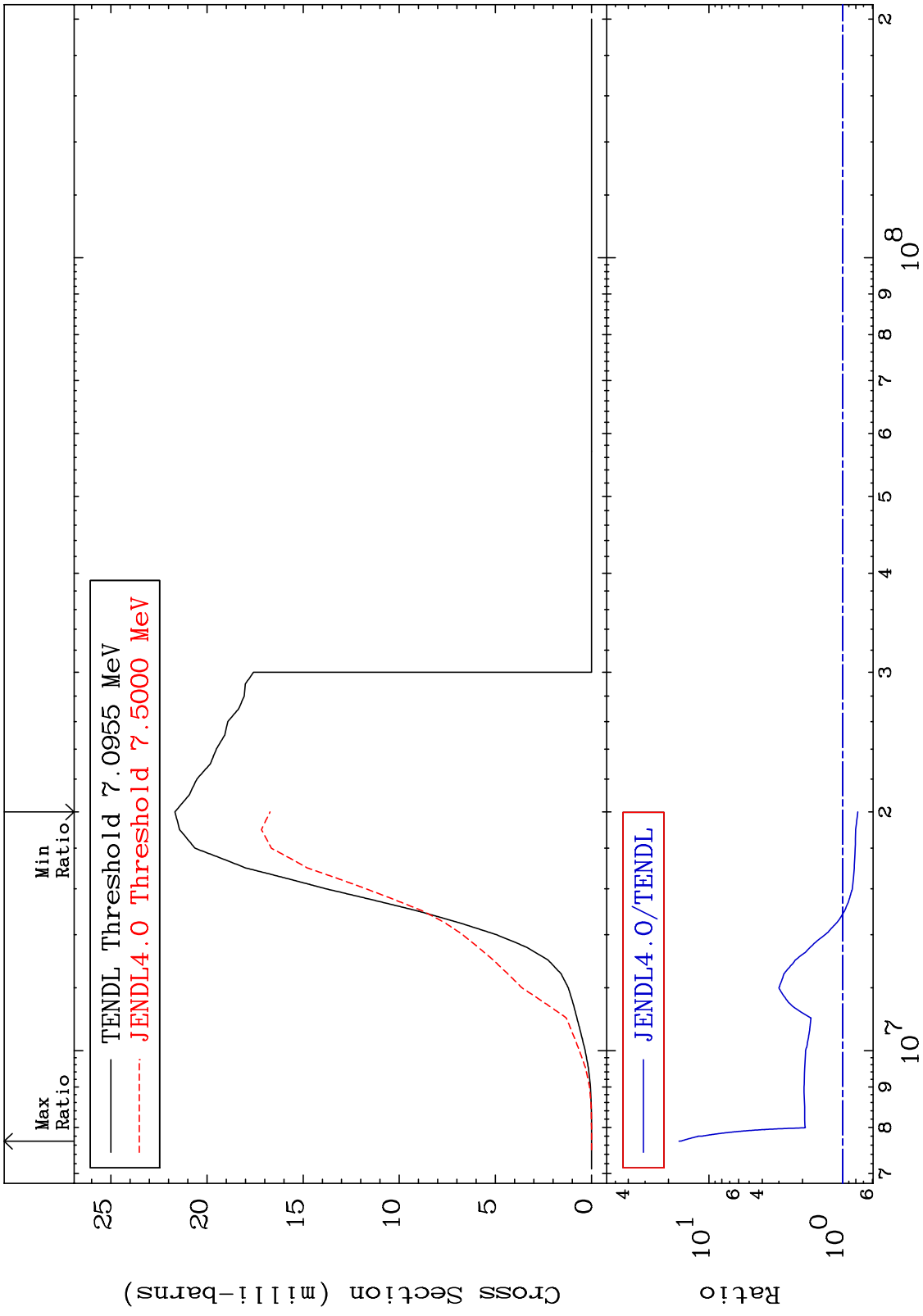
20-Ca-46

Cross Section

-99.99 To 7169. %

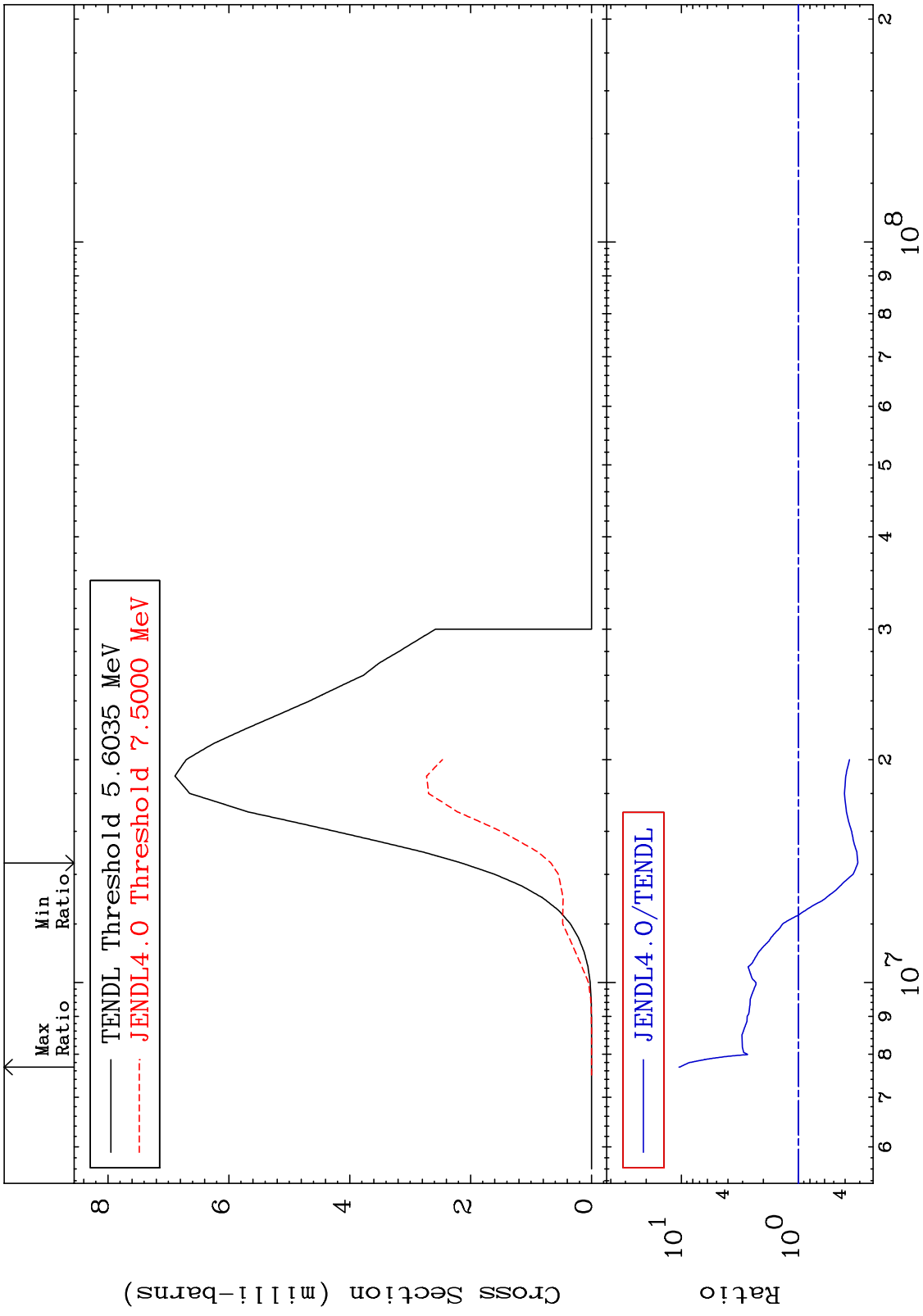


MAT 2043 (n,p) Cross Section 20-Ca-46 -22.83 To 1571. %

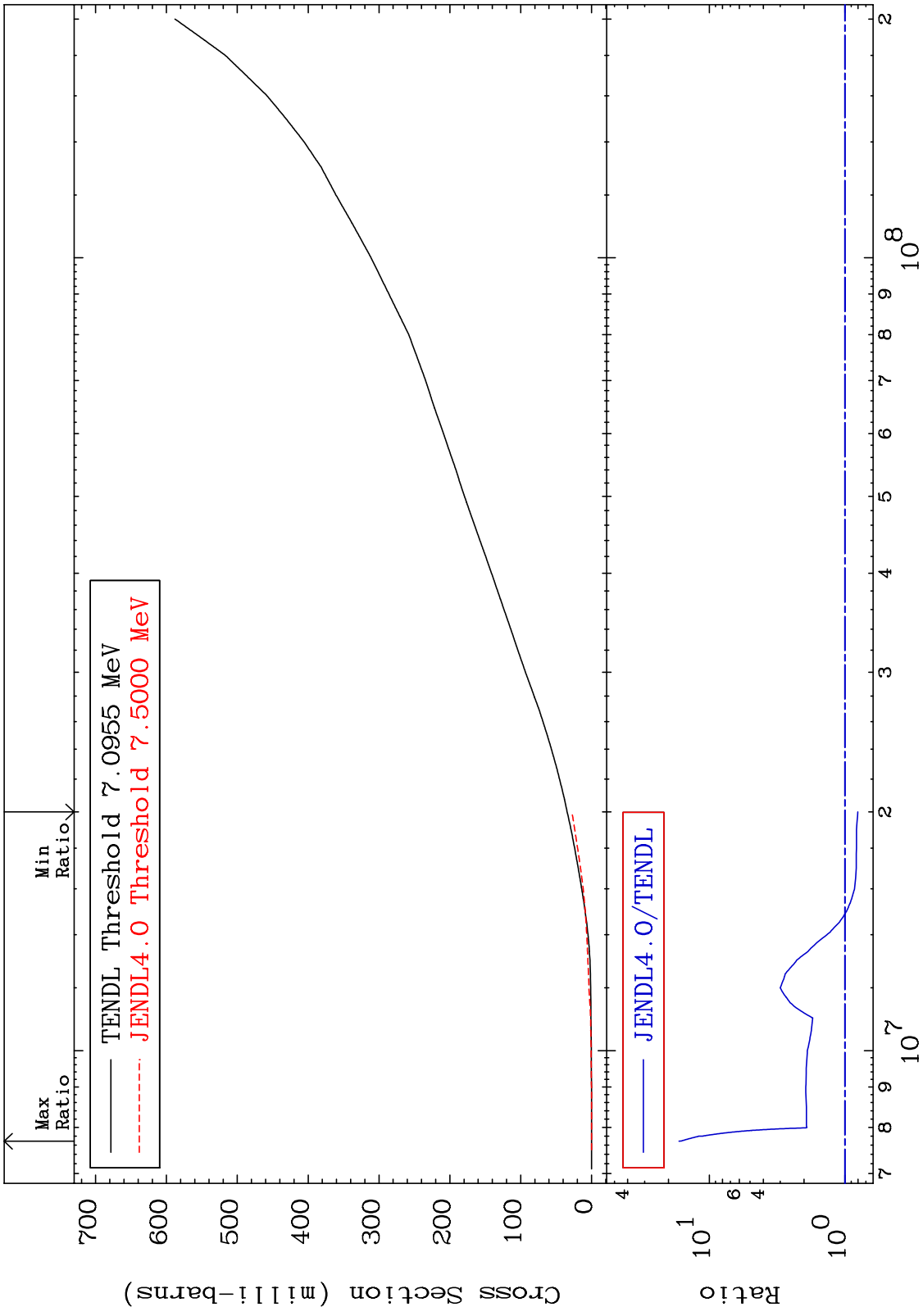


40 Incident Energy (eV) 20-Ca-46

MAT 2043 (n,α) Cross Section 20-Ca-46 -68.82 To 947.2 %



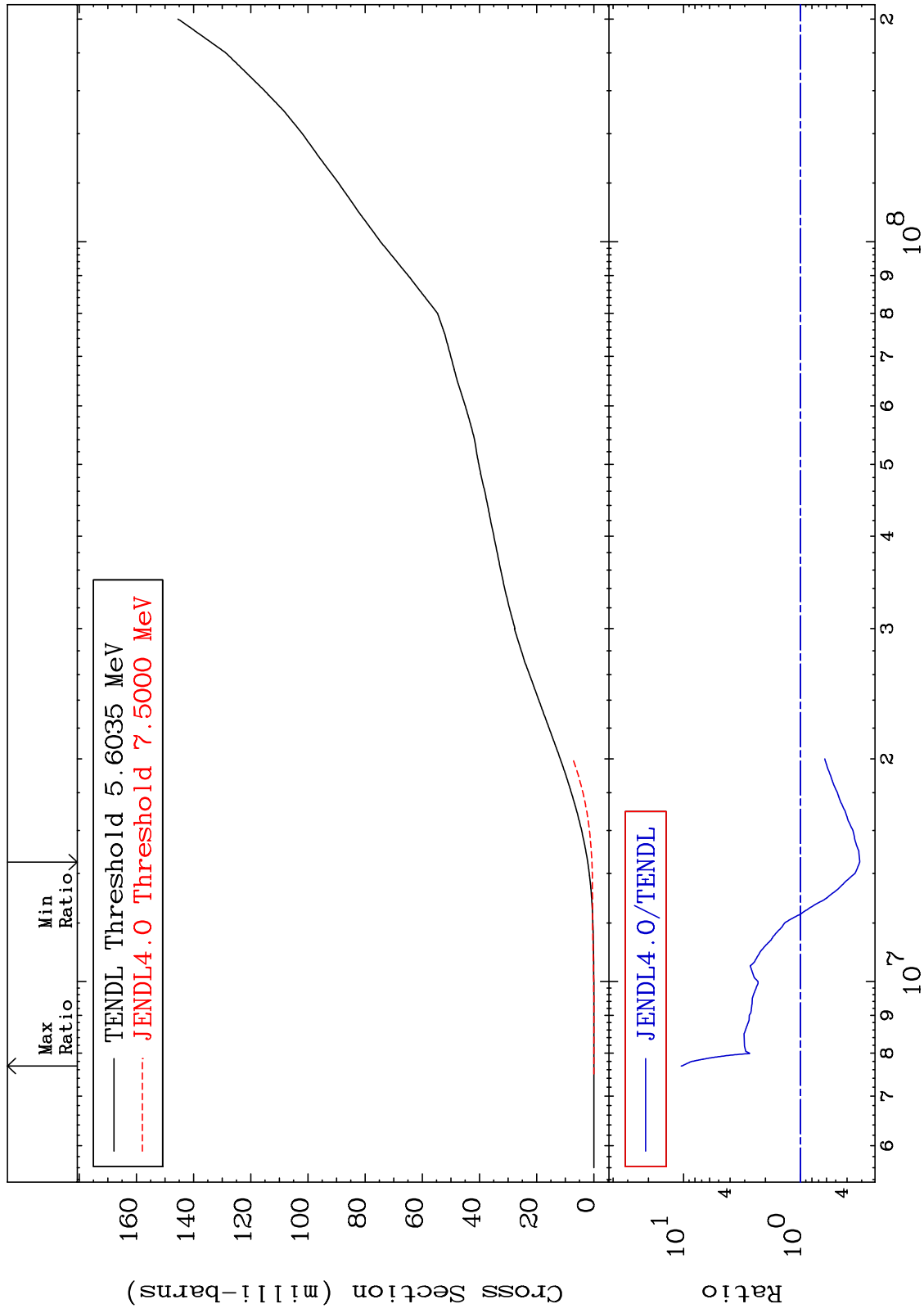
MAT 2043 Hydrogen Production Cross Section 20-Ca-46
 -19.69 To 1571. %



MAT 2043

He-4 Production
Cross Section

20-Ca-46
-68.82 To 947.2 %

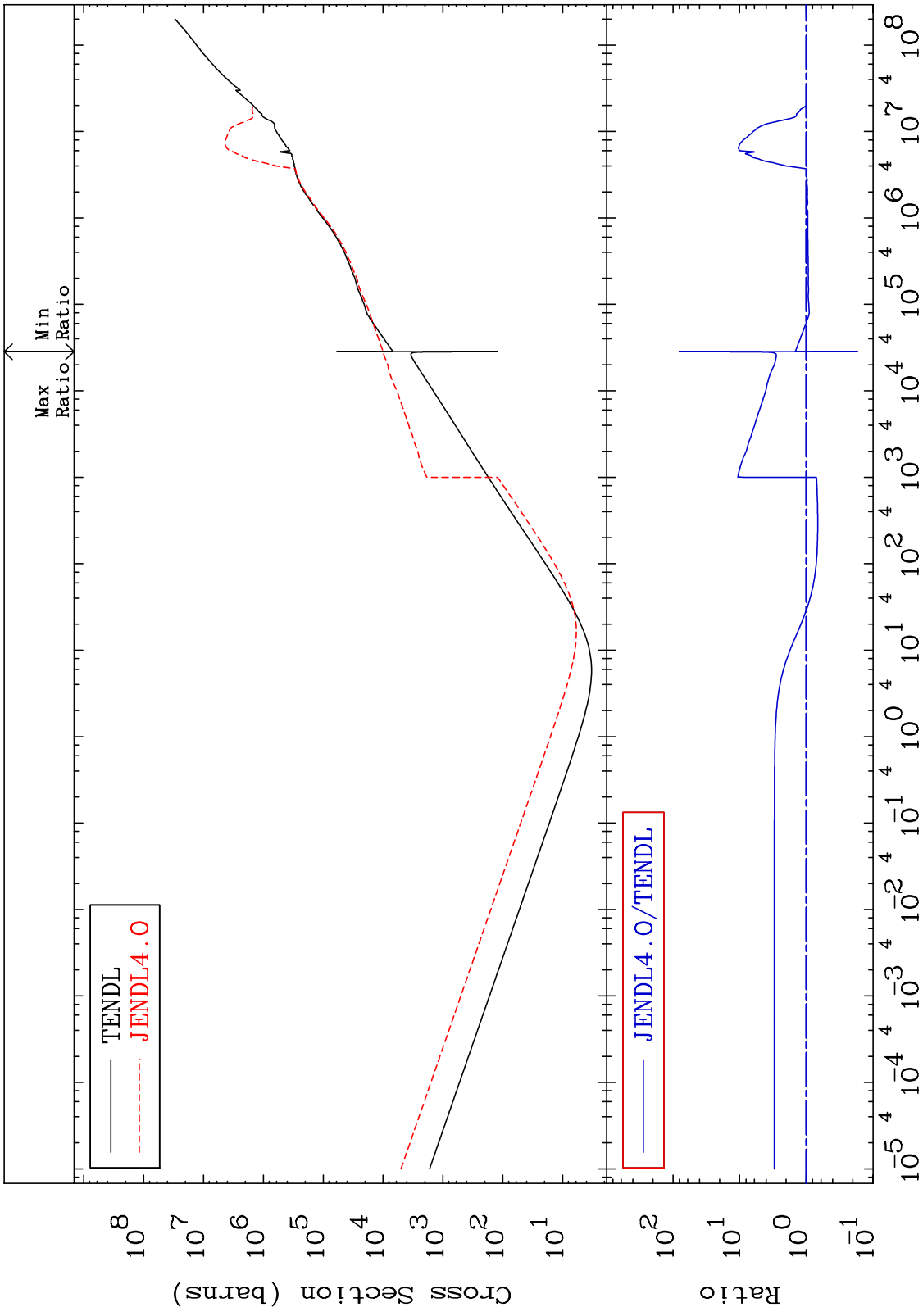


43

Incident Energy (eV)

20-Ca-46

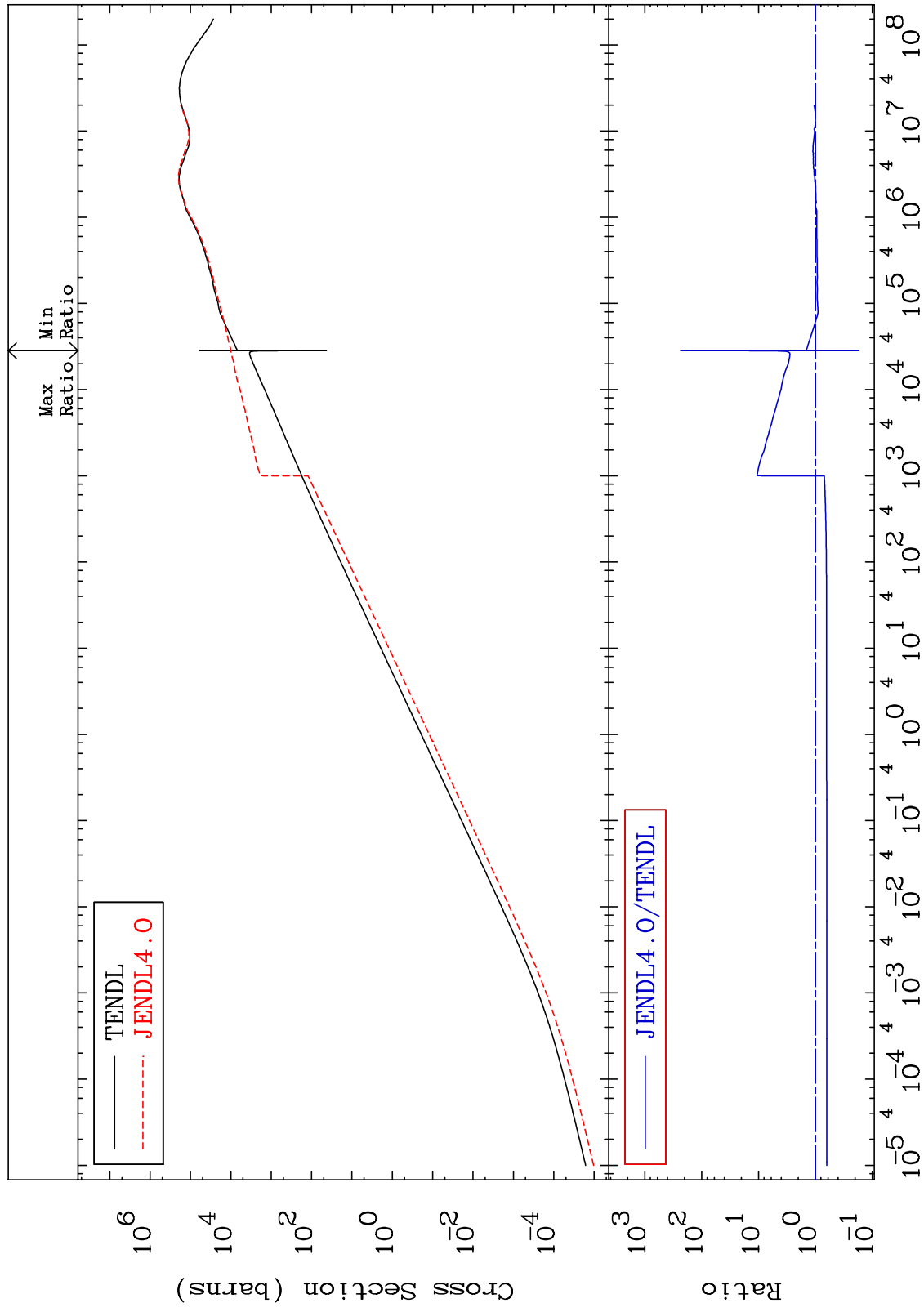
MAT 2043 Kerma total (eV-barns) Cross Section 20-Ca-46 -83.24 To 8024. %



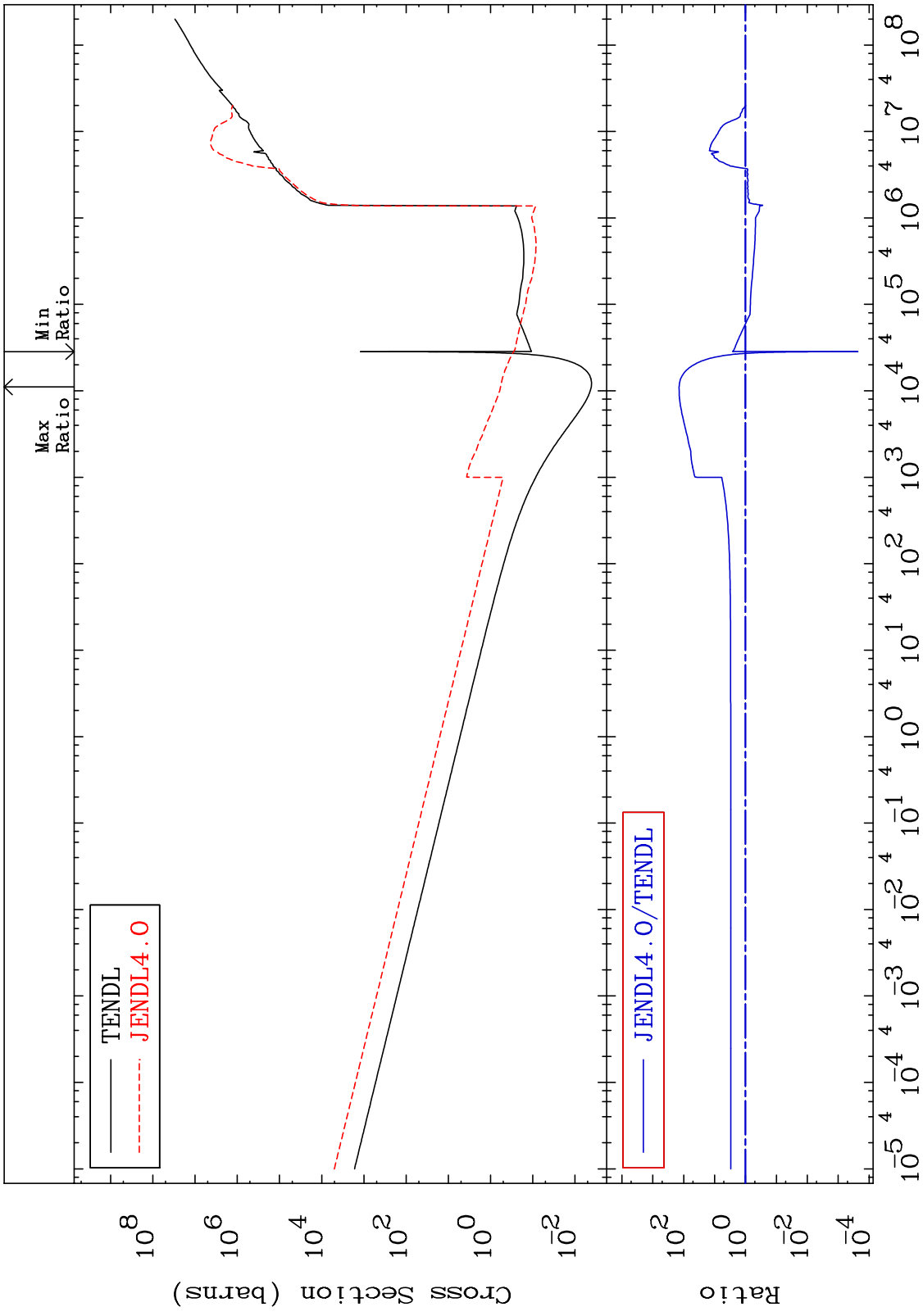
MAT 2043

Kerma elastic
Cross Section

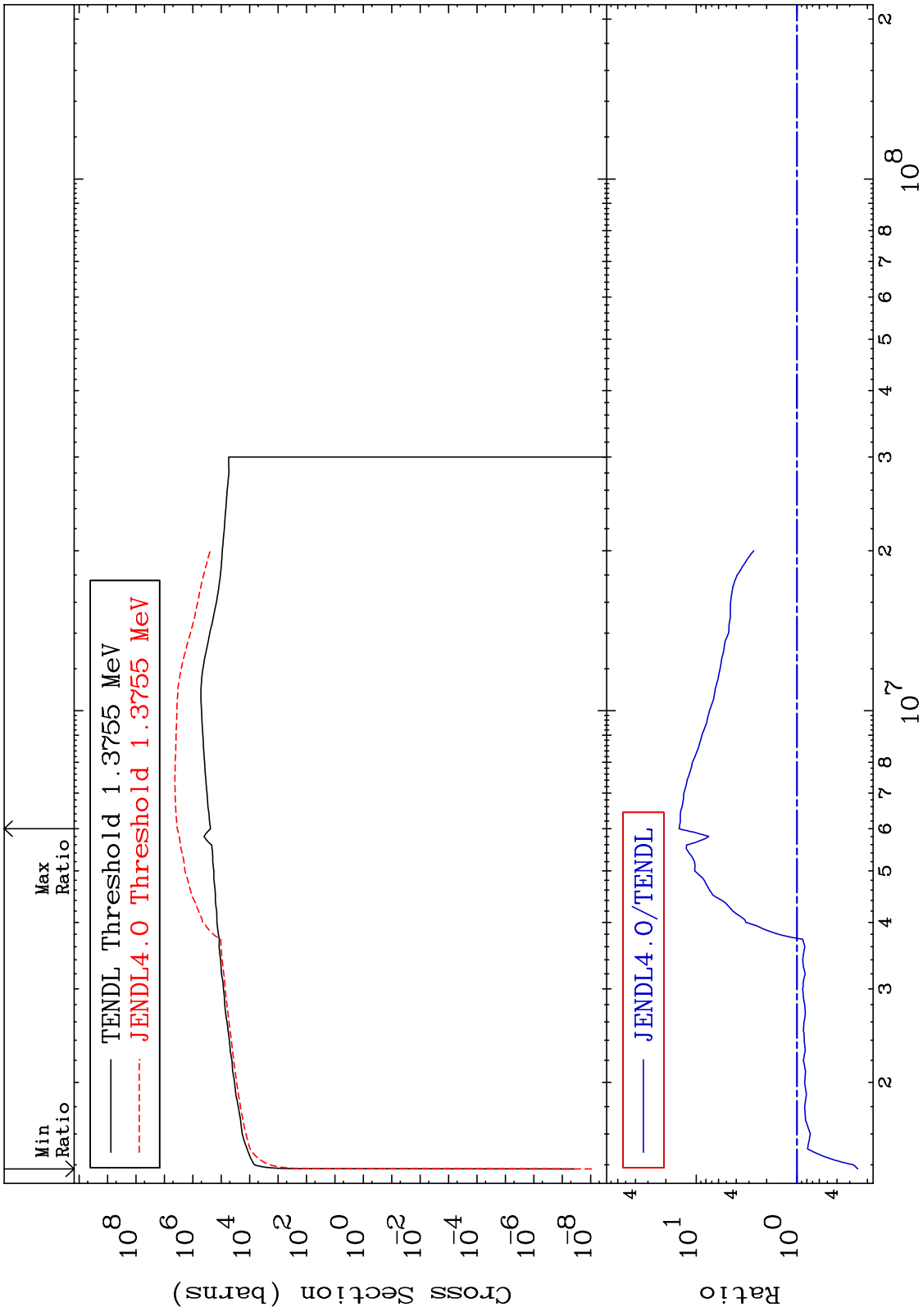
20-Ca-46
-82.91 To 9999. %



MAT 2043 Kerma non-elastic (all but mt2) 20-Ca-46
 Cross Section -99.98 To 9999. %



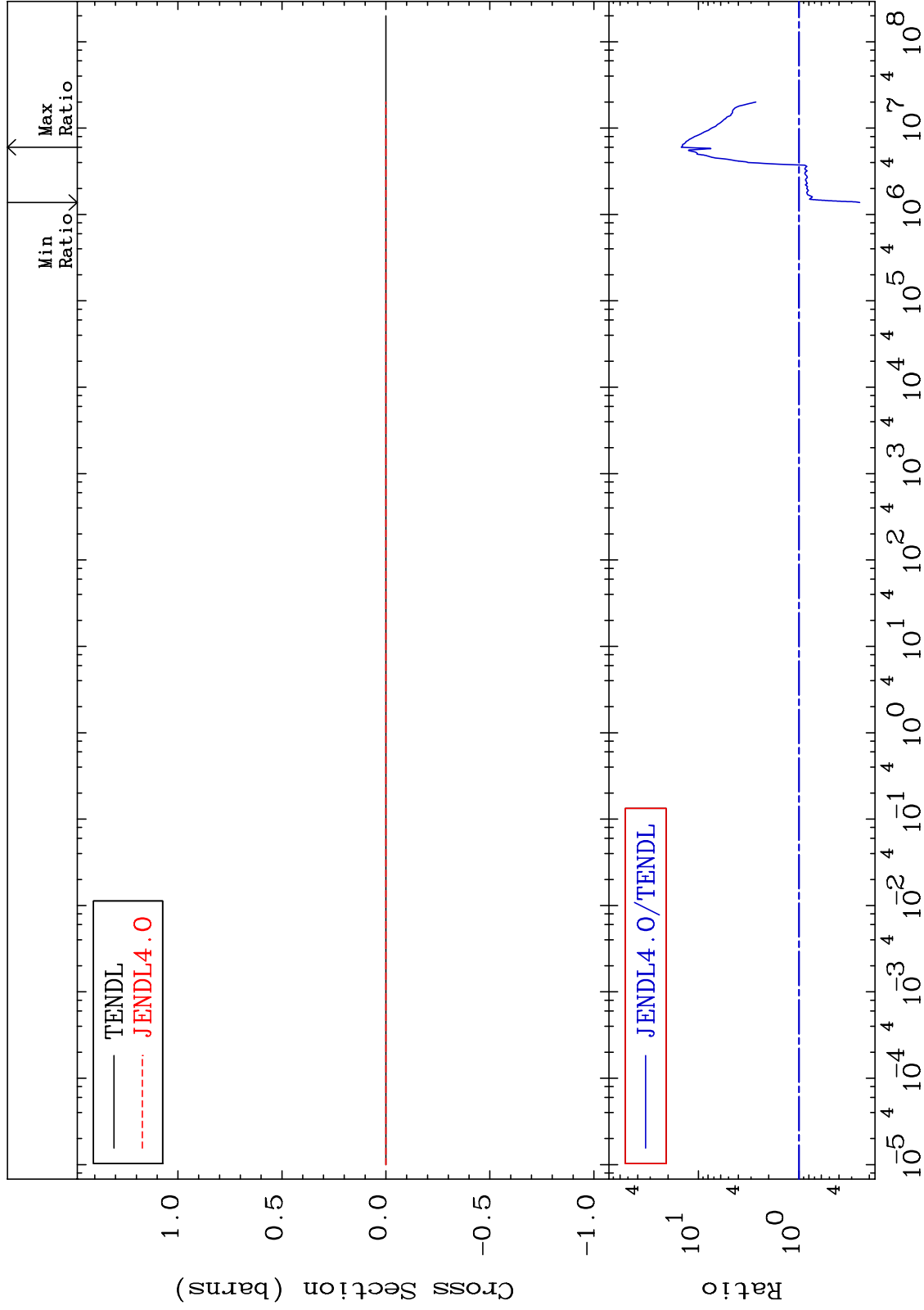
MAT 2043 Kerma inelastic (mt51-91) 20-Ca-46
 Cross Section -75.07 To 1378. %



MAT 2043

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

20-Ca-46
-75.07 To 1378. %



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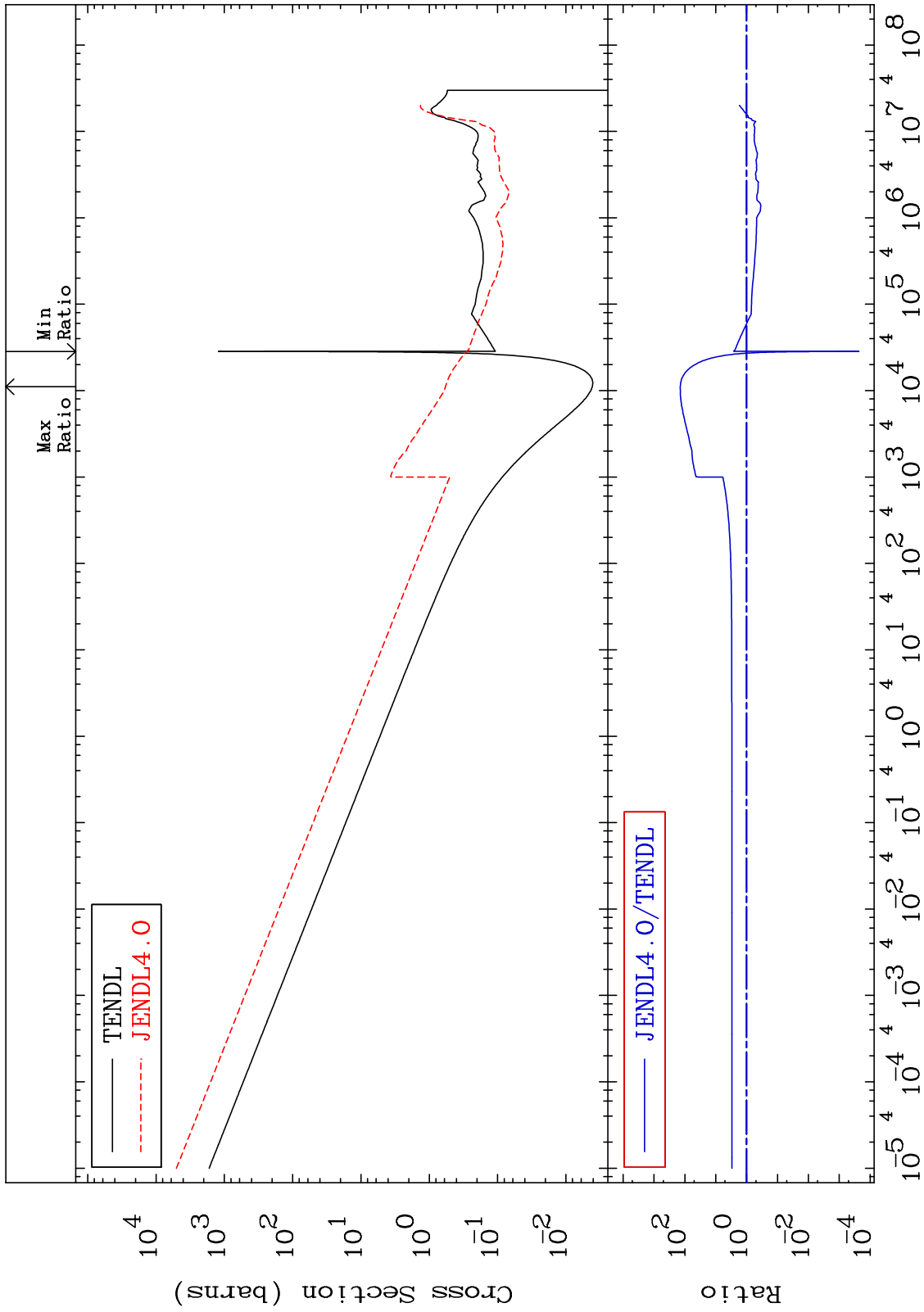
Incident Energy (eV)

20-Ca-46

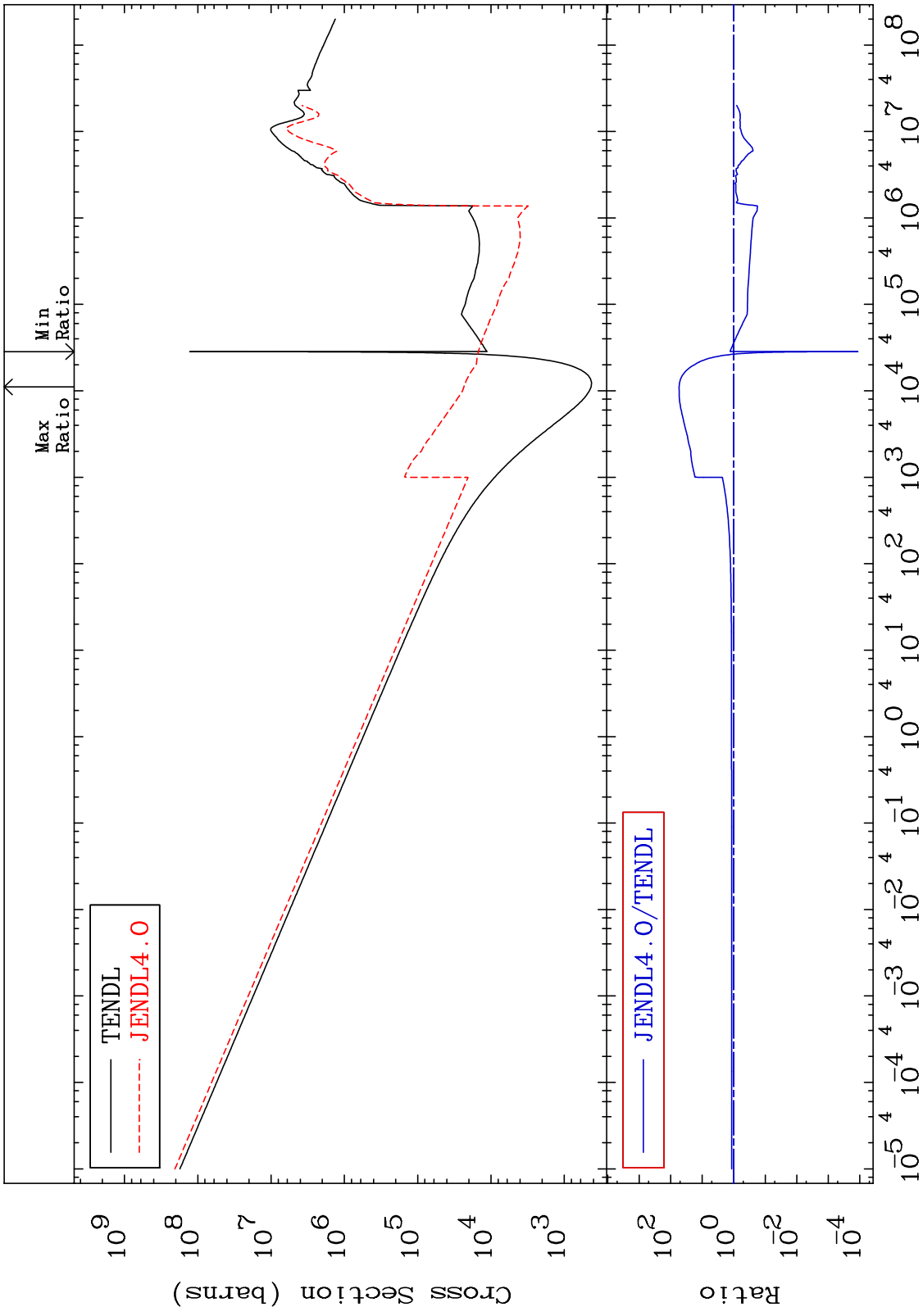
MAT 2043

Kerma capture (mt102)
Cross Section

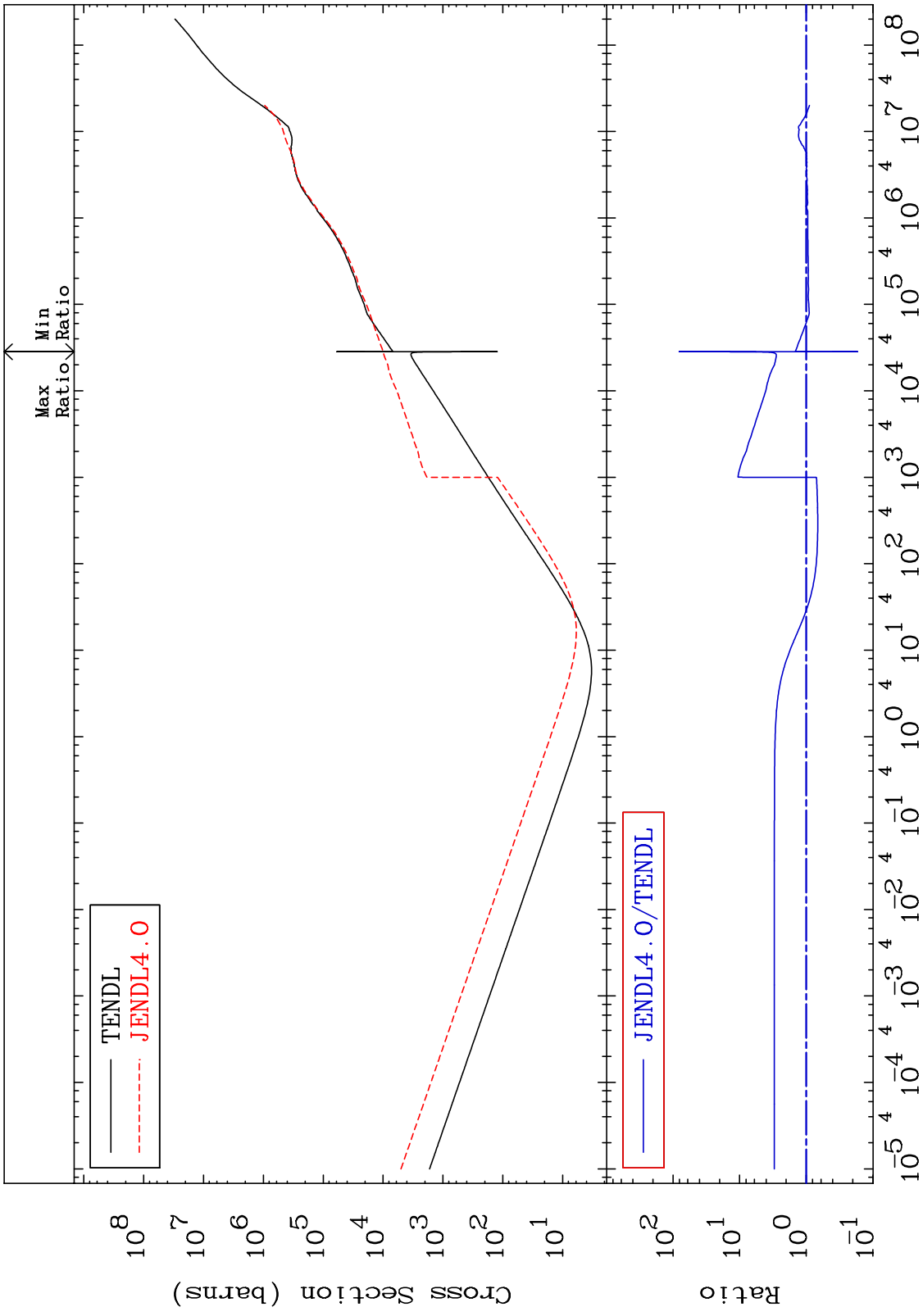
20-Ca-46
-99.98 To 9999. %



MAT 2043 Total photon (eV-barns) Cross Section 20-Ca-46 -99.99 To 5326. %



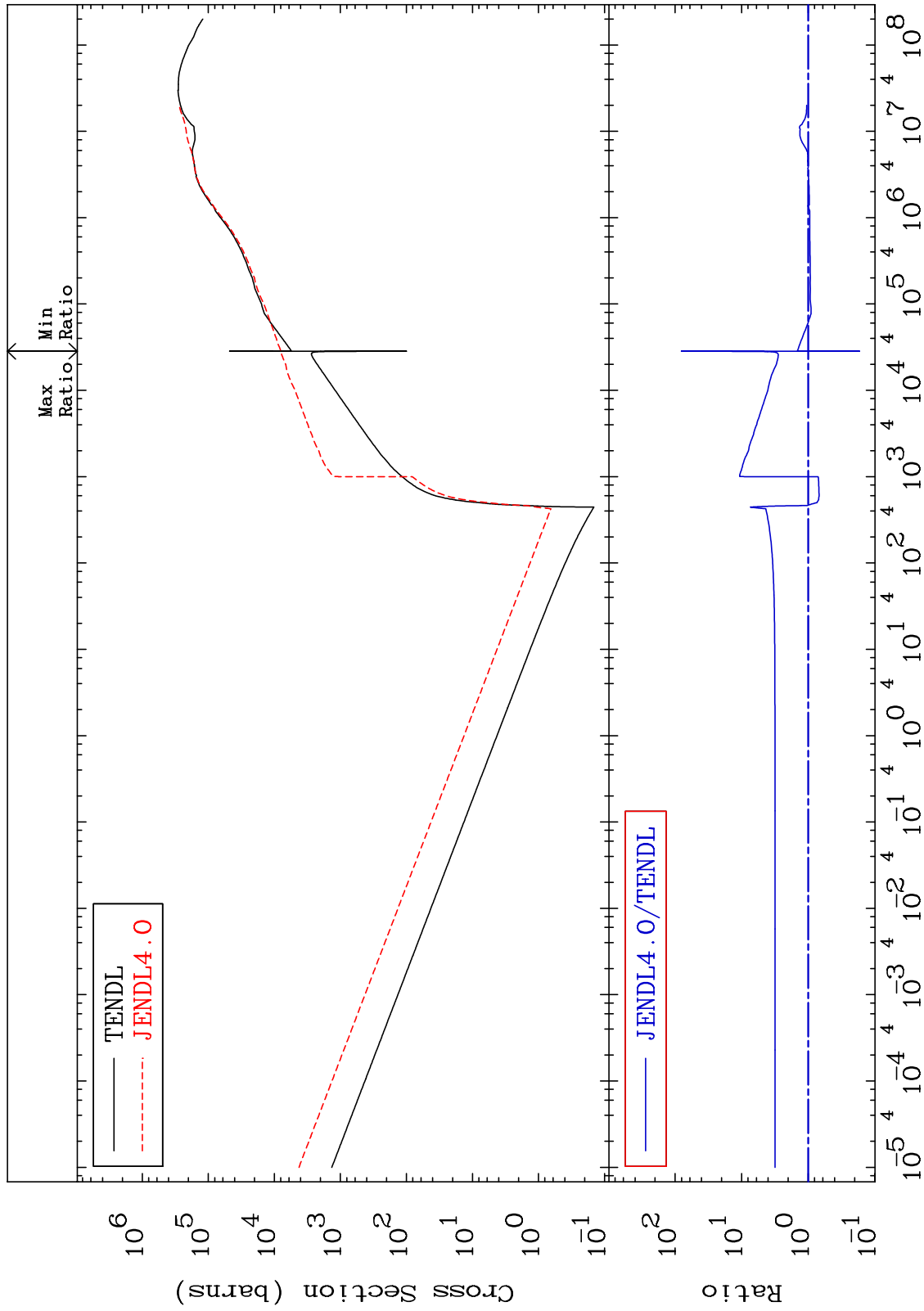
MAT 2043 Total kinematic kerma (high limit) 20-Ca-46
 Cross Section -83.24 To 8024. %



MAT 2043

Dpa total (eV-barns)
Cross Section

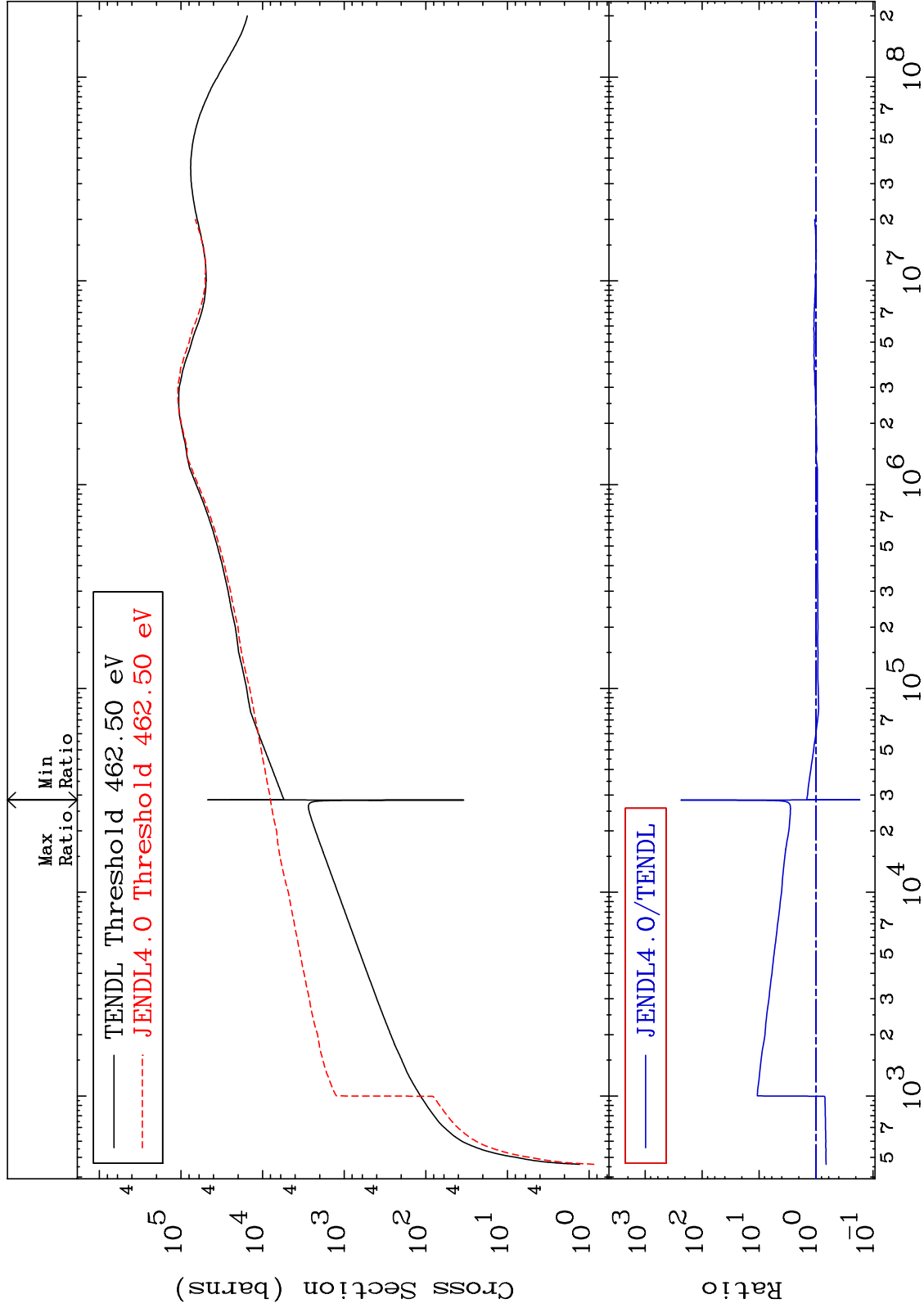
20-Ca-46
-83.24 To 7981. %



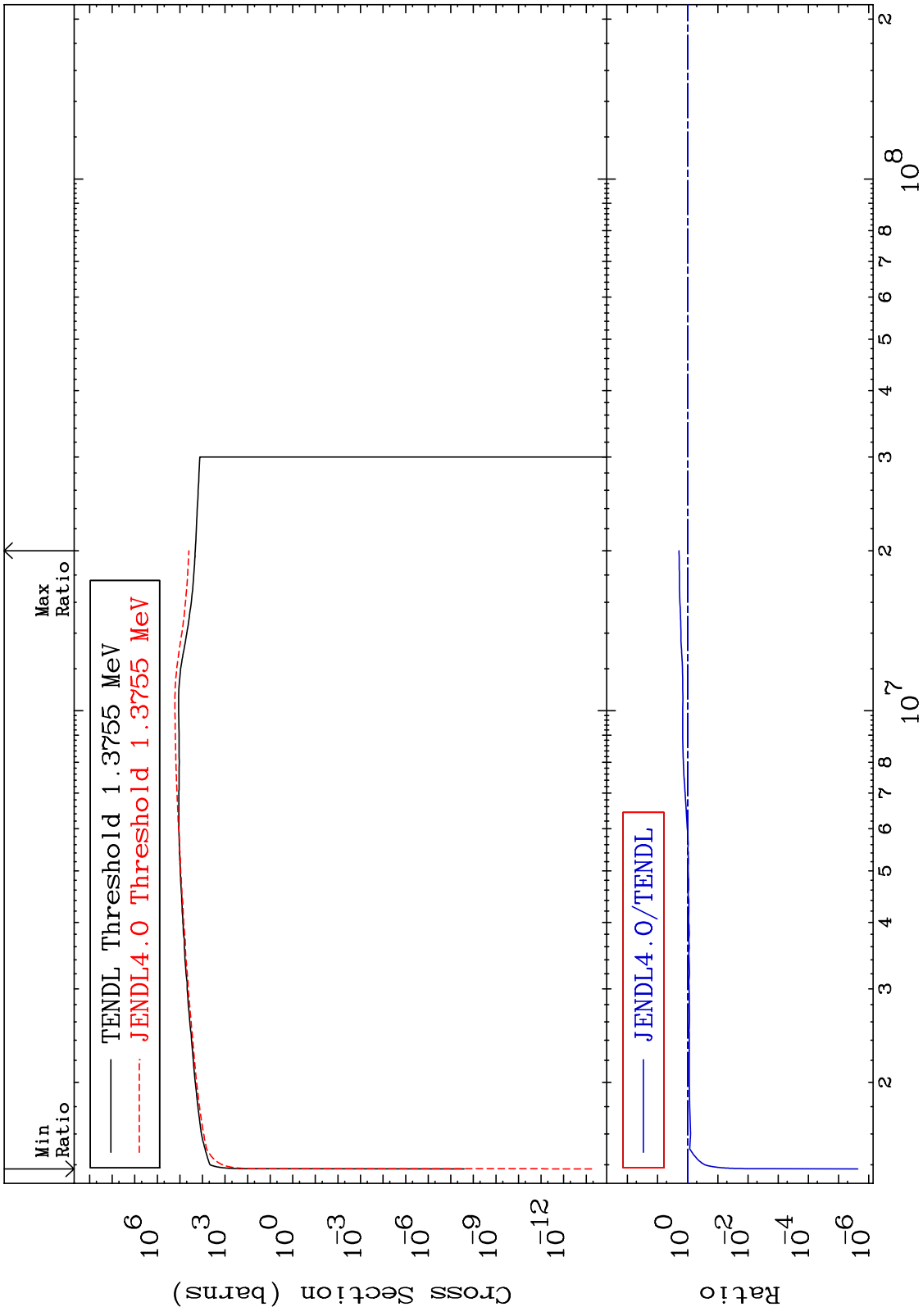
MAT 2043

Dpa elastic (mt2)
Cross Section

20-Ca-46
-82.91 To 9999. %



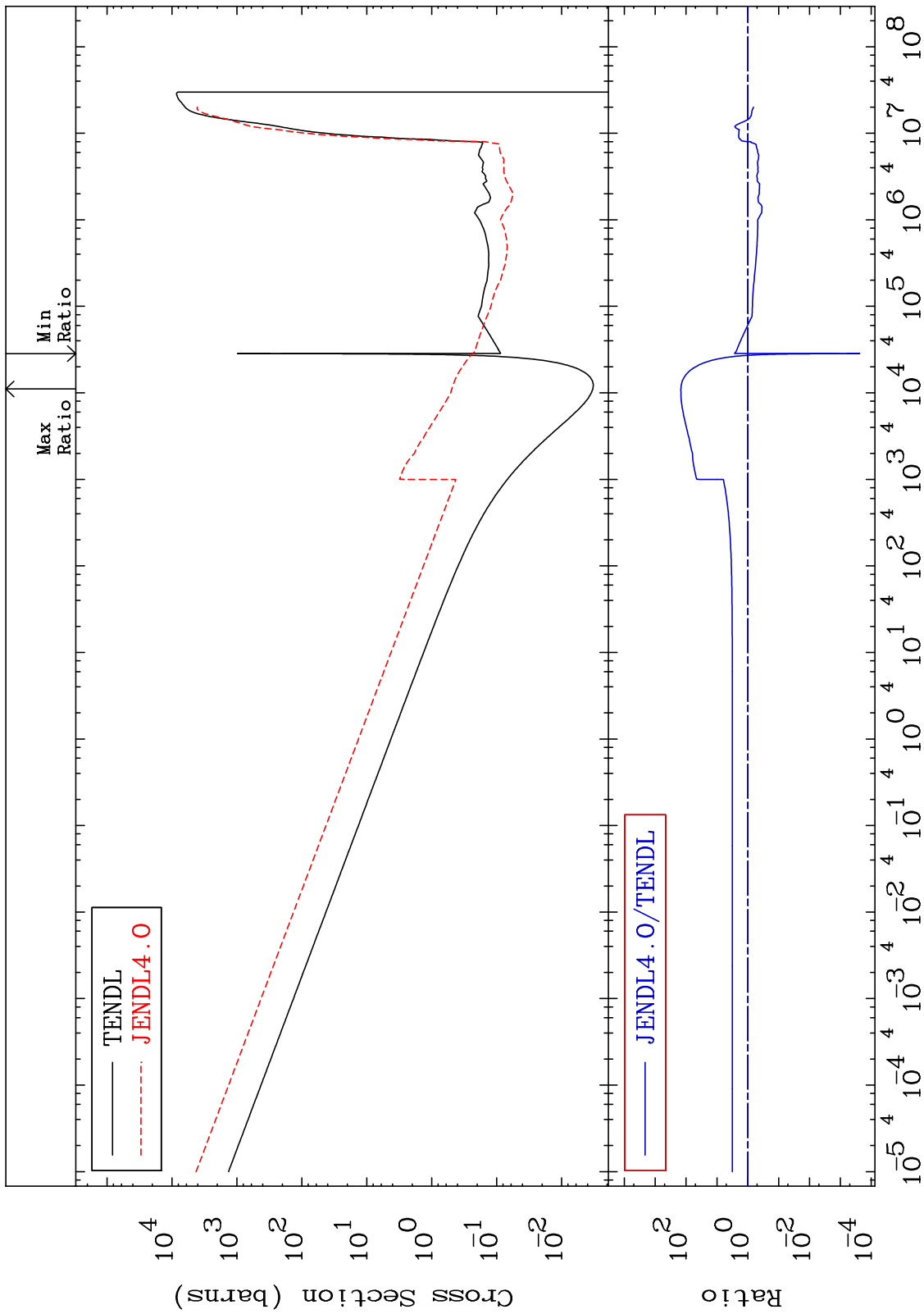
MAT 2043 Dpa inelastic (mt51-91) 20-Ca-46
 Cross Section -100.0 To 93.17 %



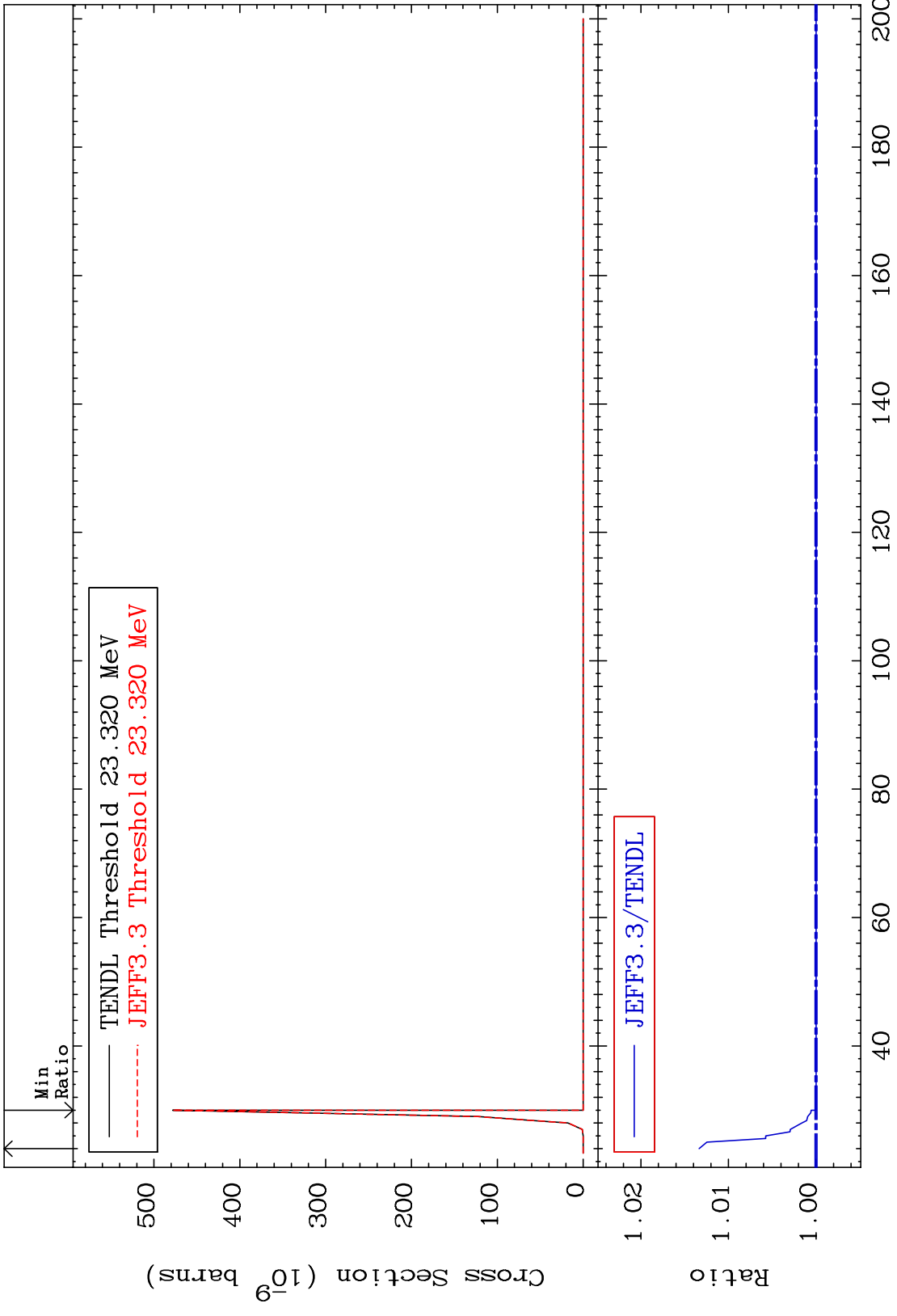
MAT 2043

Dpa disappearance (mt102 -120)
Cross Section

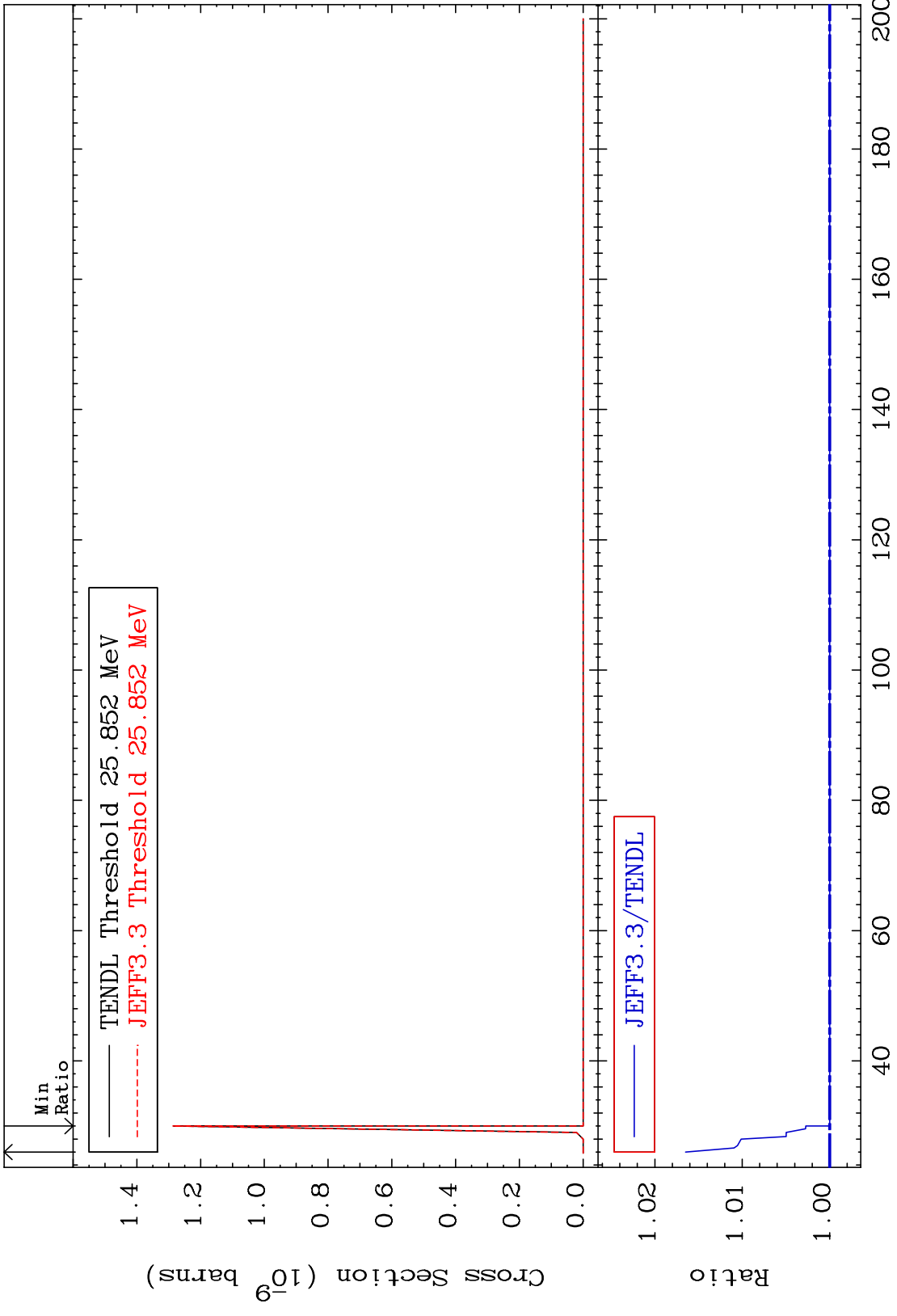
20-Ca-46
-99.98 To 9999. %



MAT 2043 (n,p) d 20-Ca-46
 Cross Section 0.000 To 1.336 %



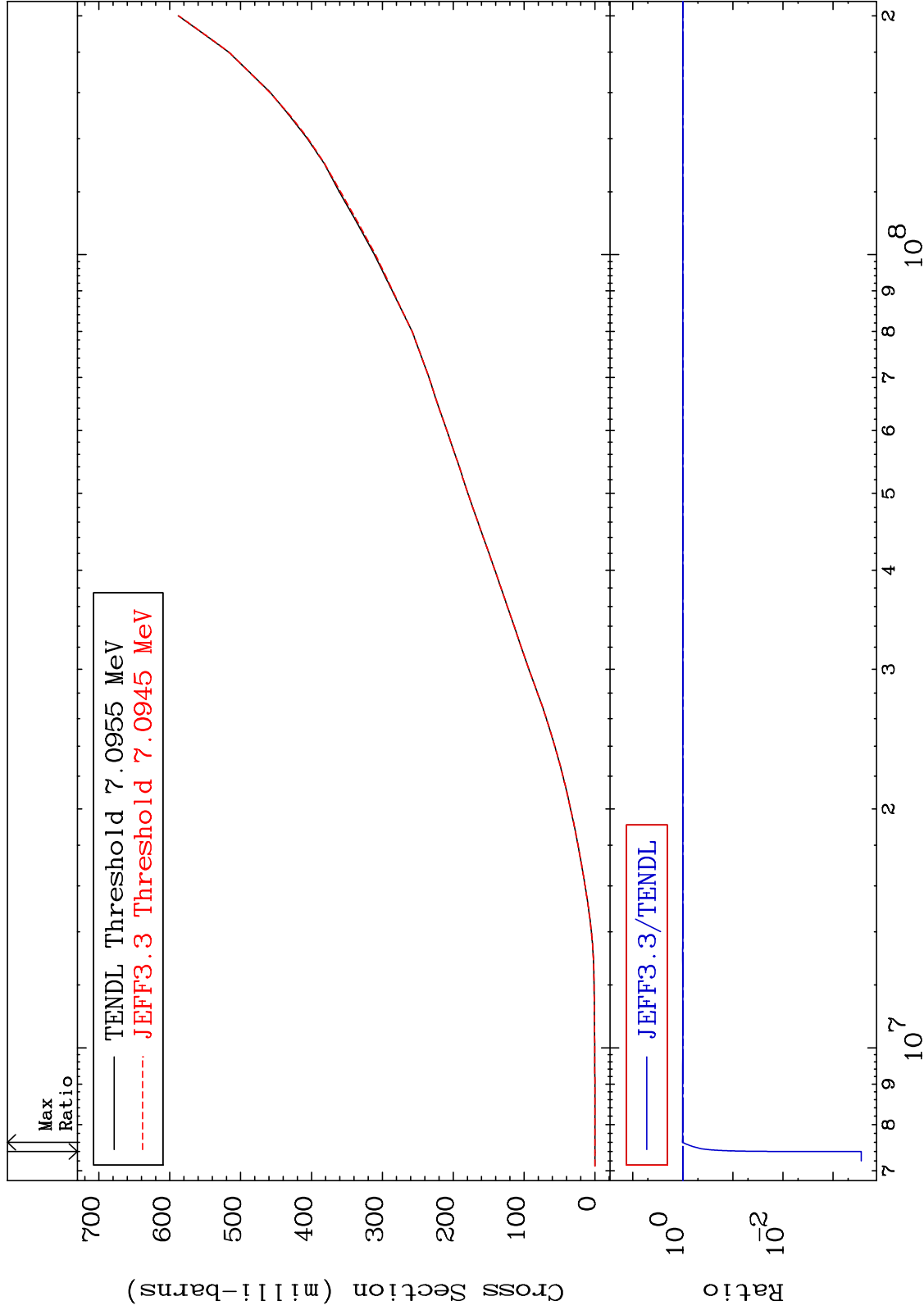
MAT 2043 (n,p) t 20-Ca-46
 Cross Section 0.000 To 1.649 %



MAT 2043

Hydrogen Production
Cross Section

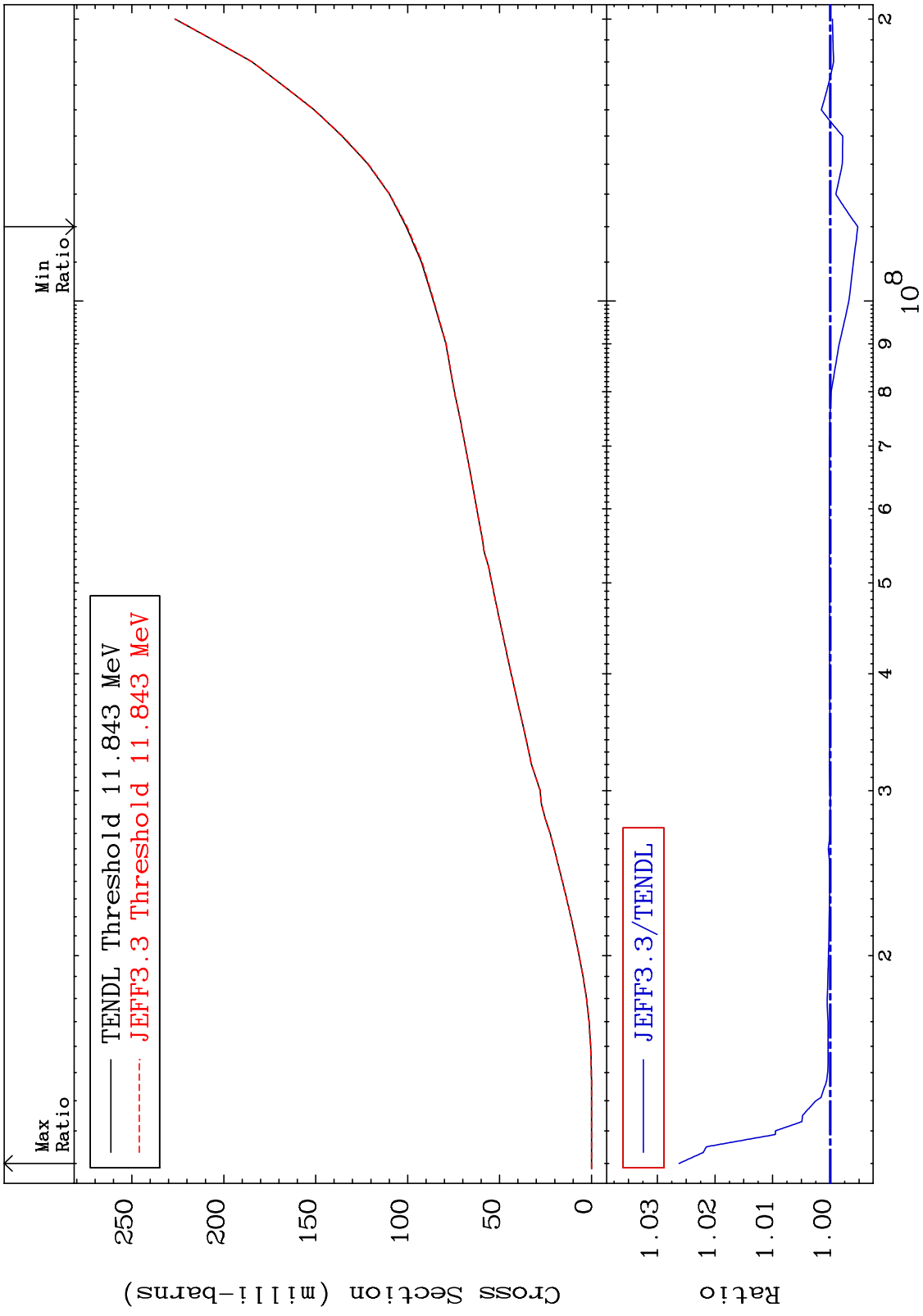
20-Ca-46
-99.97 To 1.392 %



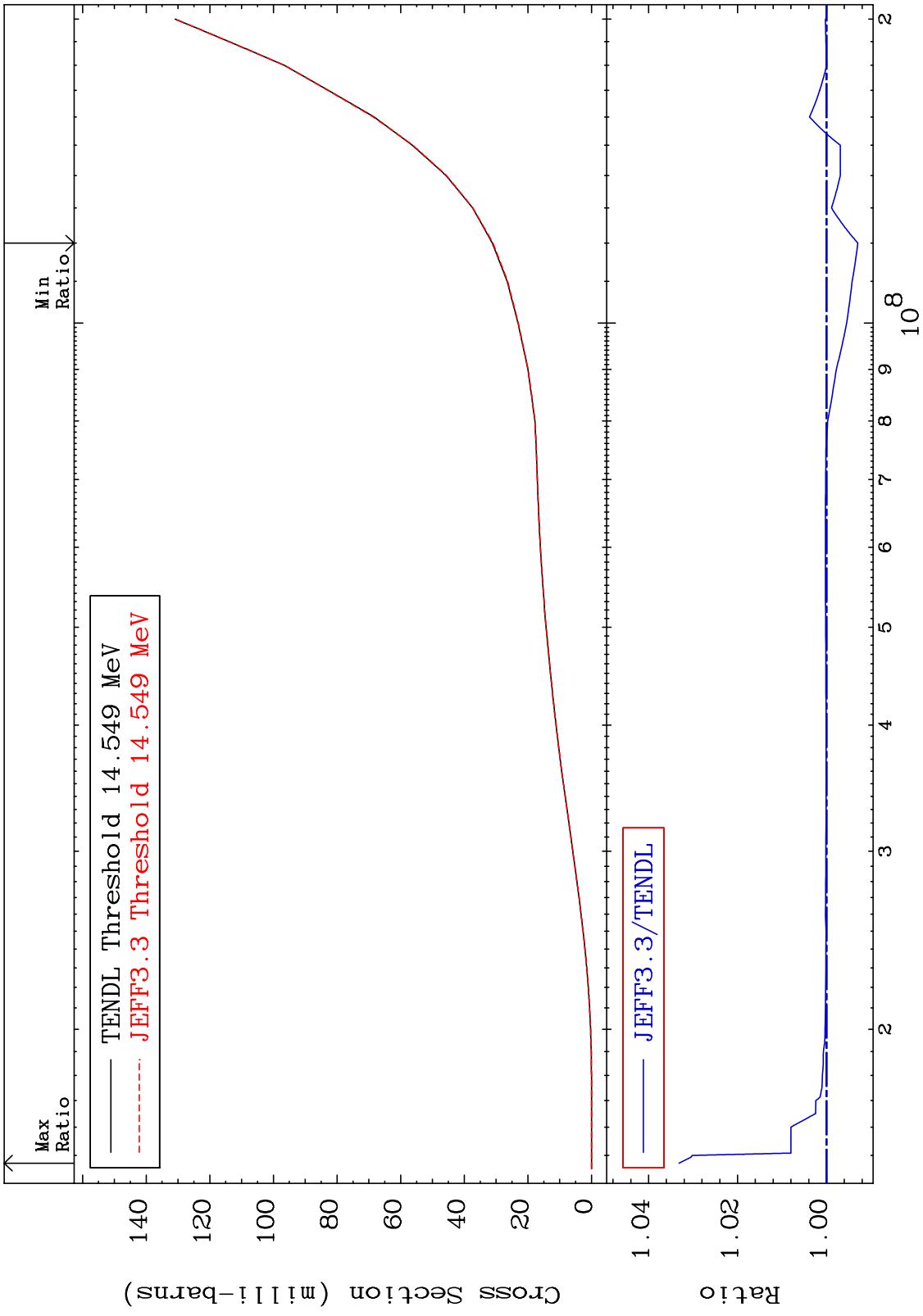
58

Incident Energy (eV)

20-Ca-46



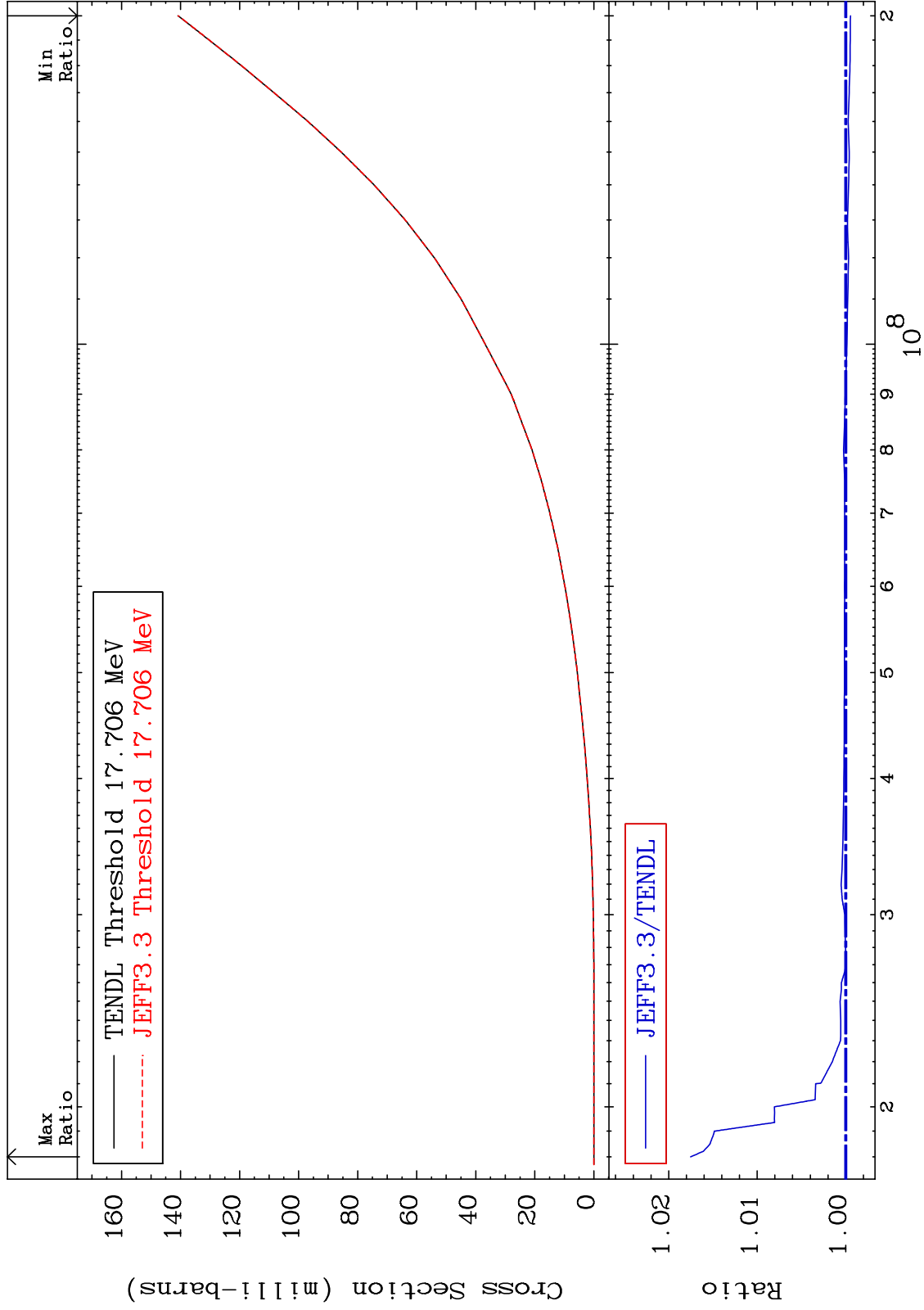
MAT 2043 Tritium Production Cross Section 20-Ca-46
-0.703 To 3.316 %



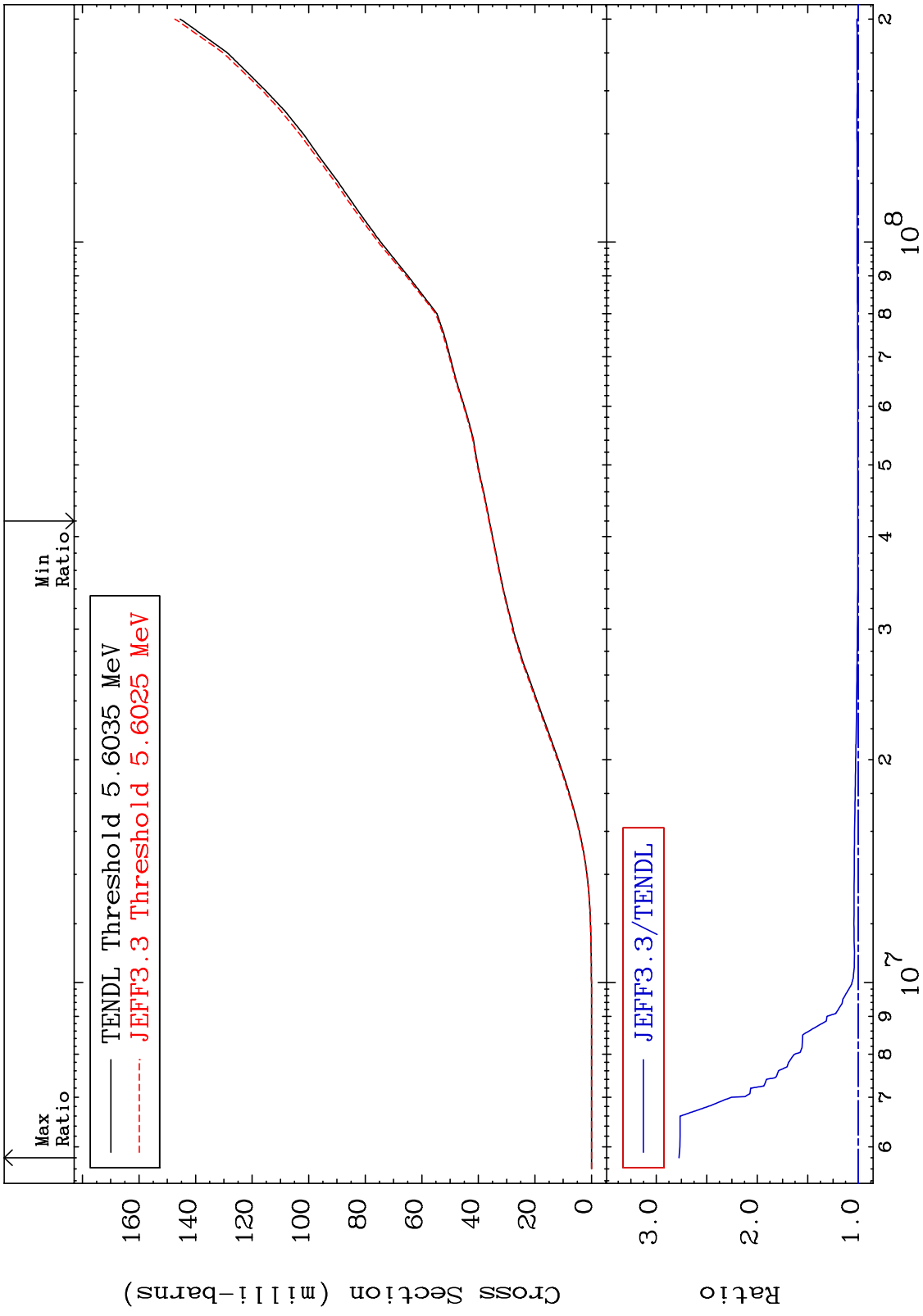
MAT 2043

He-3 Production
Cross Section

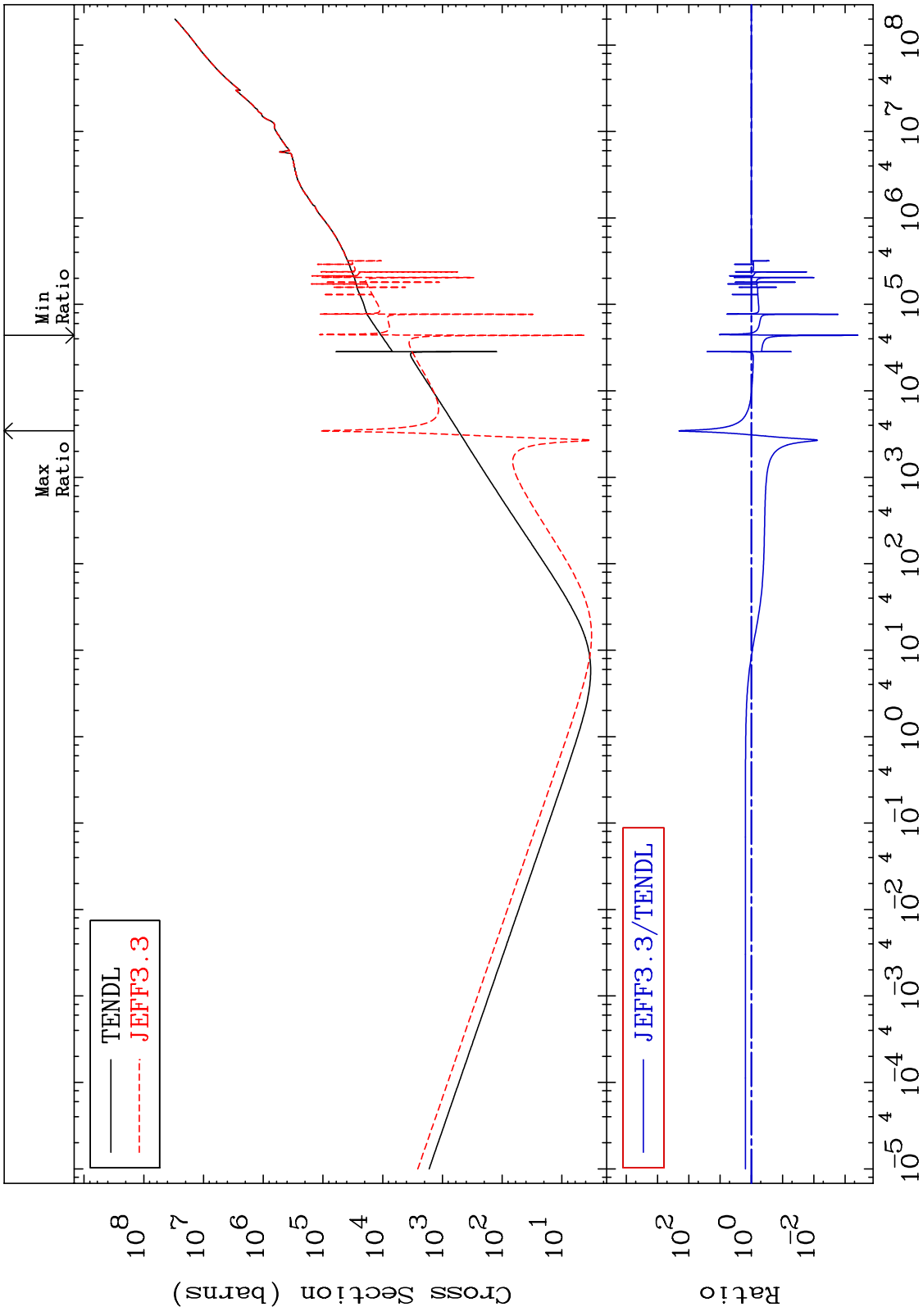
20-Ca-46
-0.054 To 1.753 %



MAT 2043 He-4 Production Cross Section 20-Ca-46 To 177.4 %



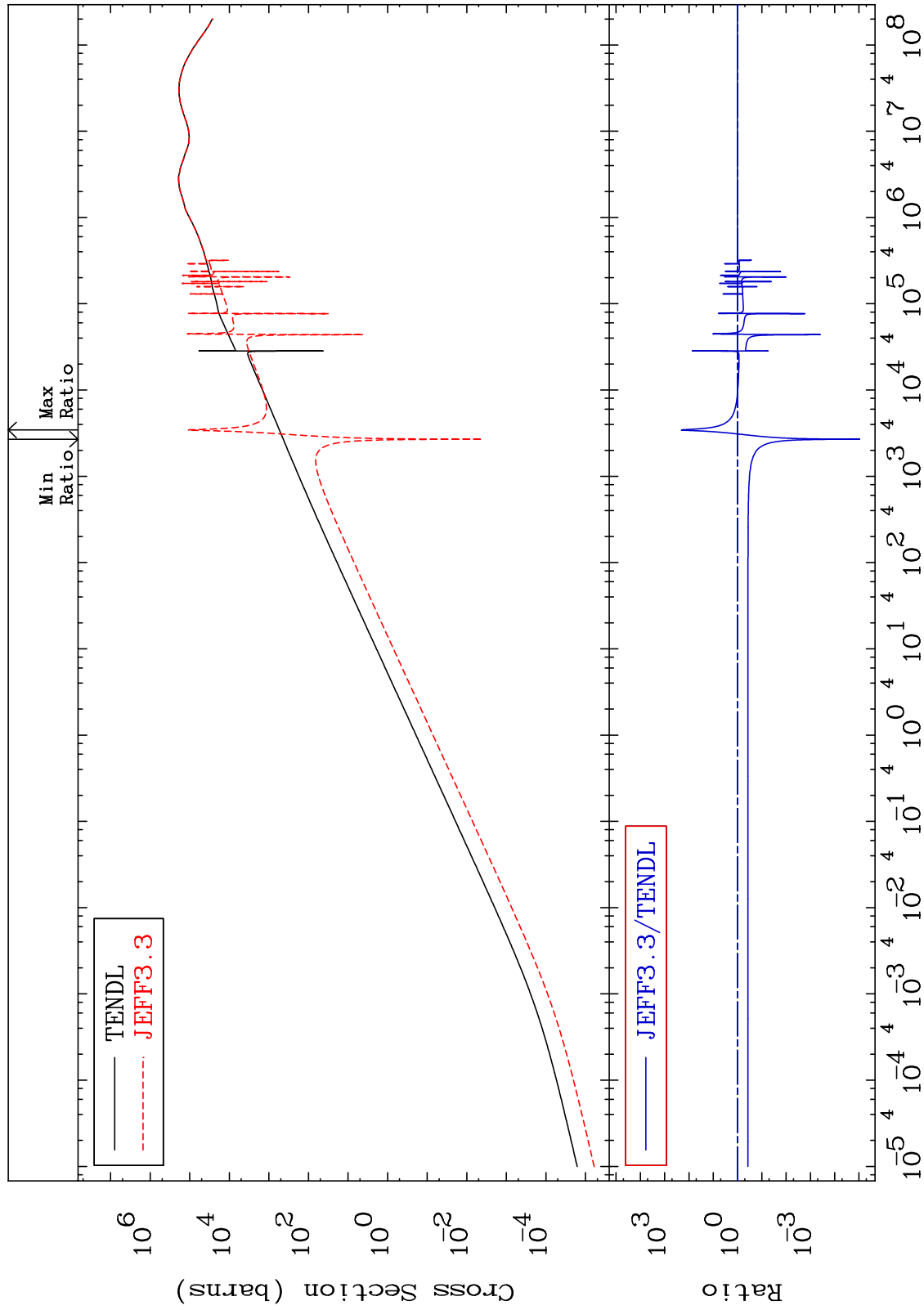
MAT 2043 Kerma total (eV-barns) 20-Ca-46
 Cross Section -99.96 To 9999. %



MAT 2043

Kerma elastic
Cross Section

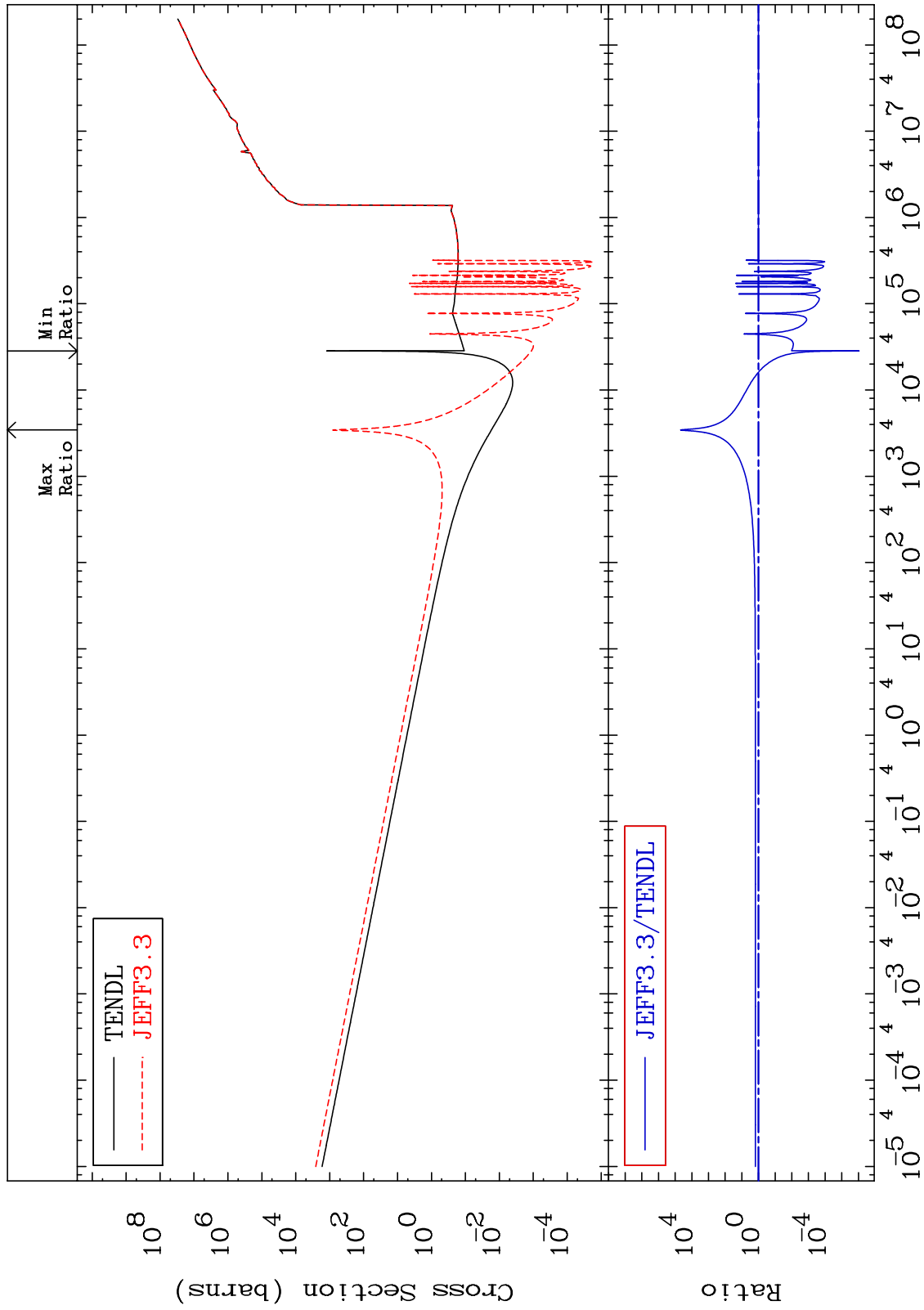
20-Ca-46
-100.0 To 9999. %



MAT 2043

Kerma non-elastic (all but mt2)
Cross Section

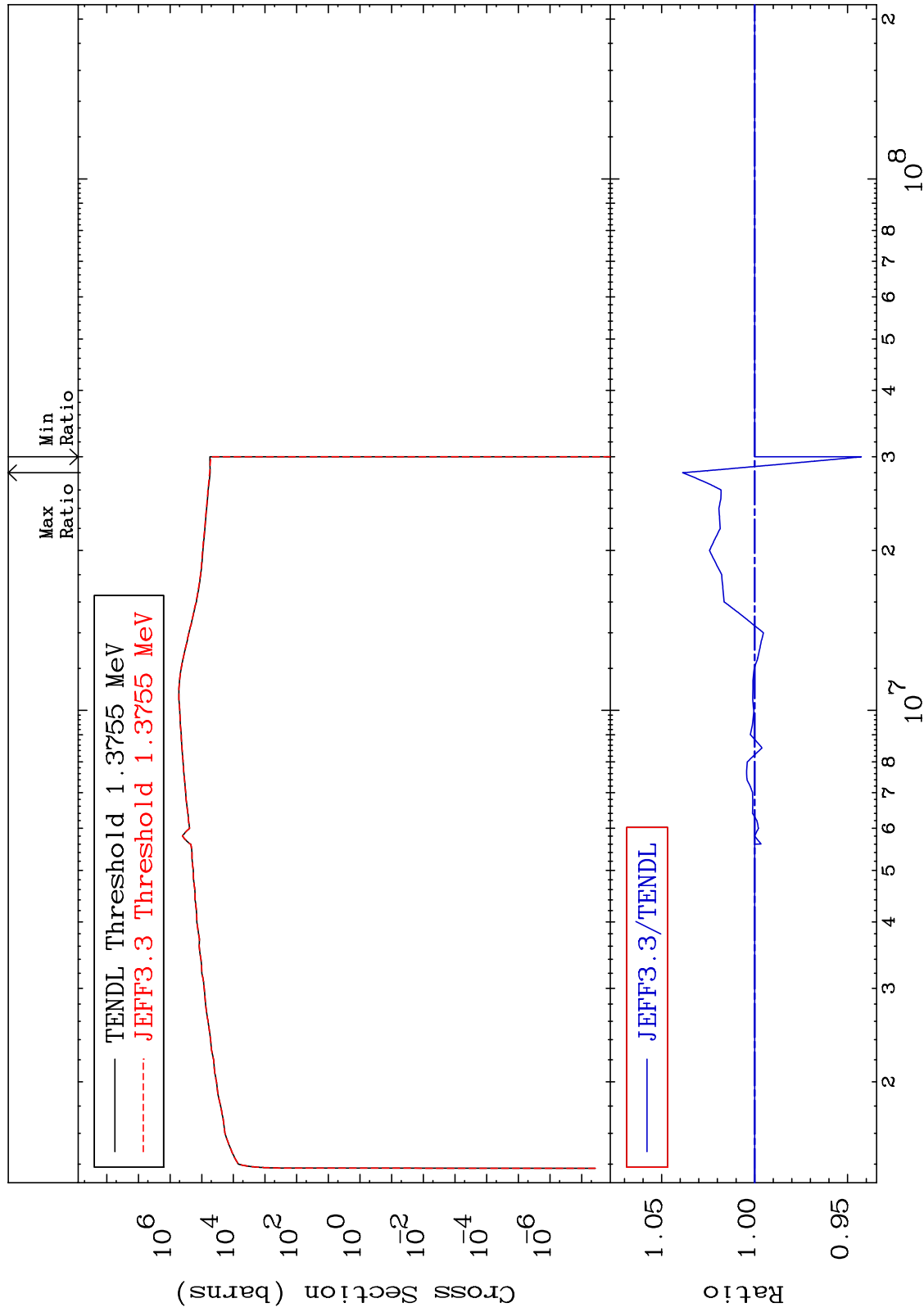
20-Ca-46
-100.0 To 9999. %



MAT 2043

Kerma inelastic (mt51-91)
Cross Section

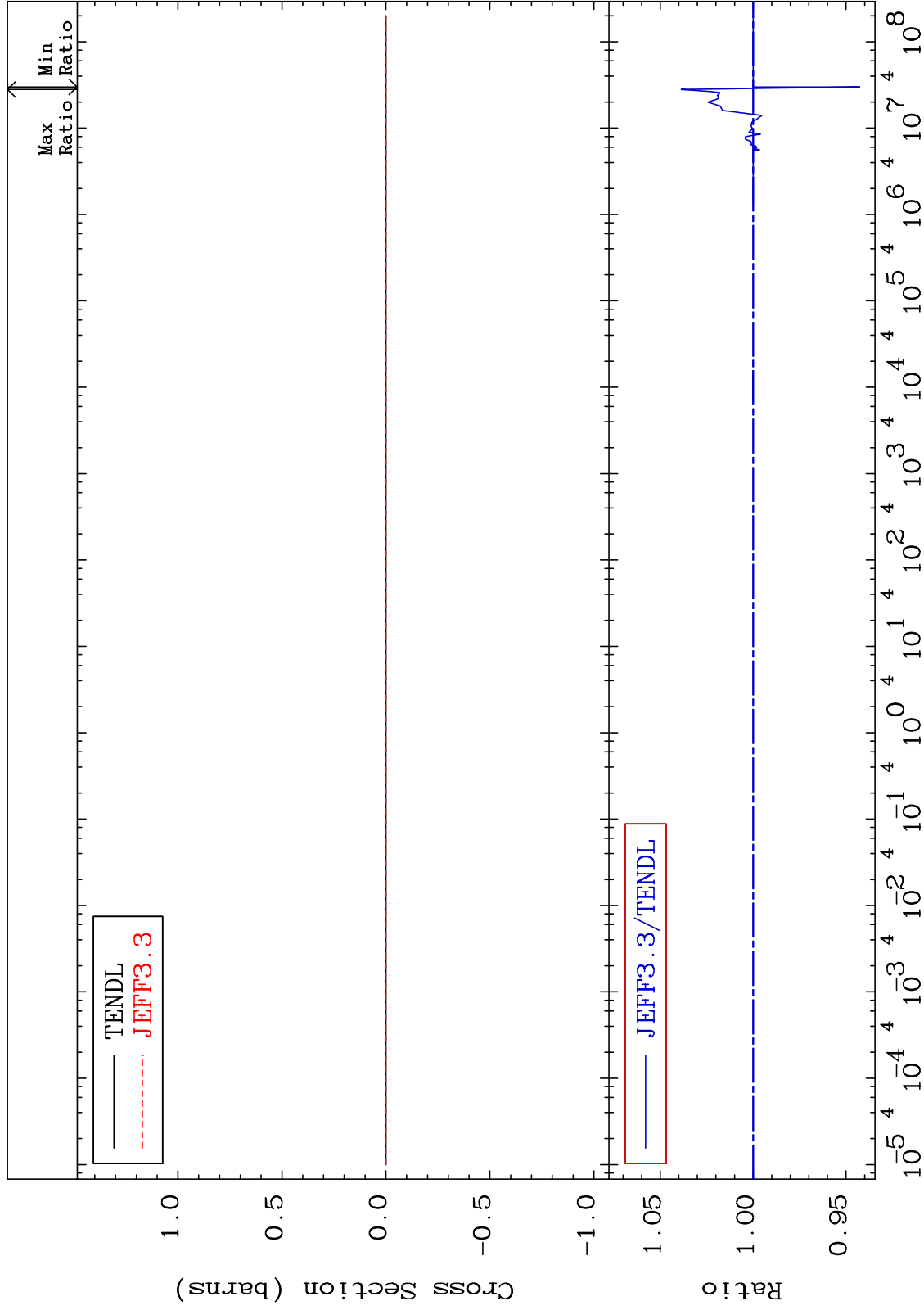
20-Ca-46
-5.737 To 3.868 %



MAT 2043

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

20-Ca-46
-5.737 To 3.868 %



67

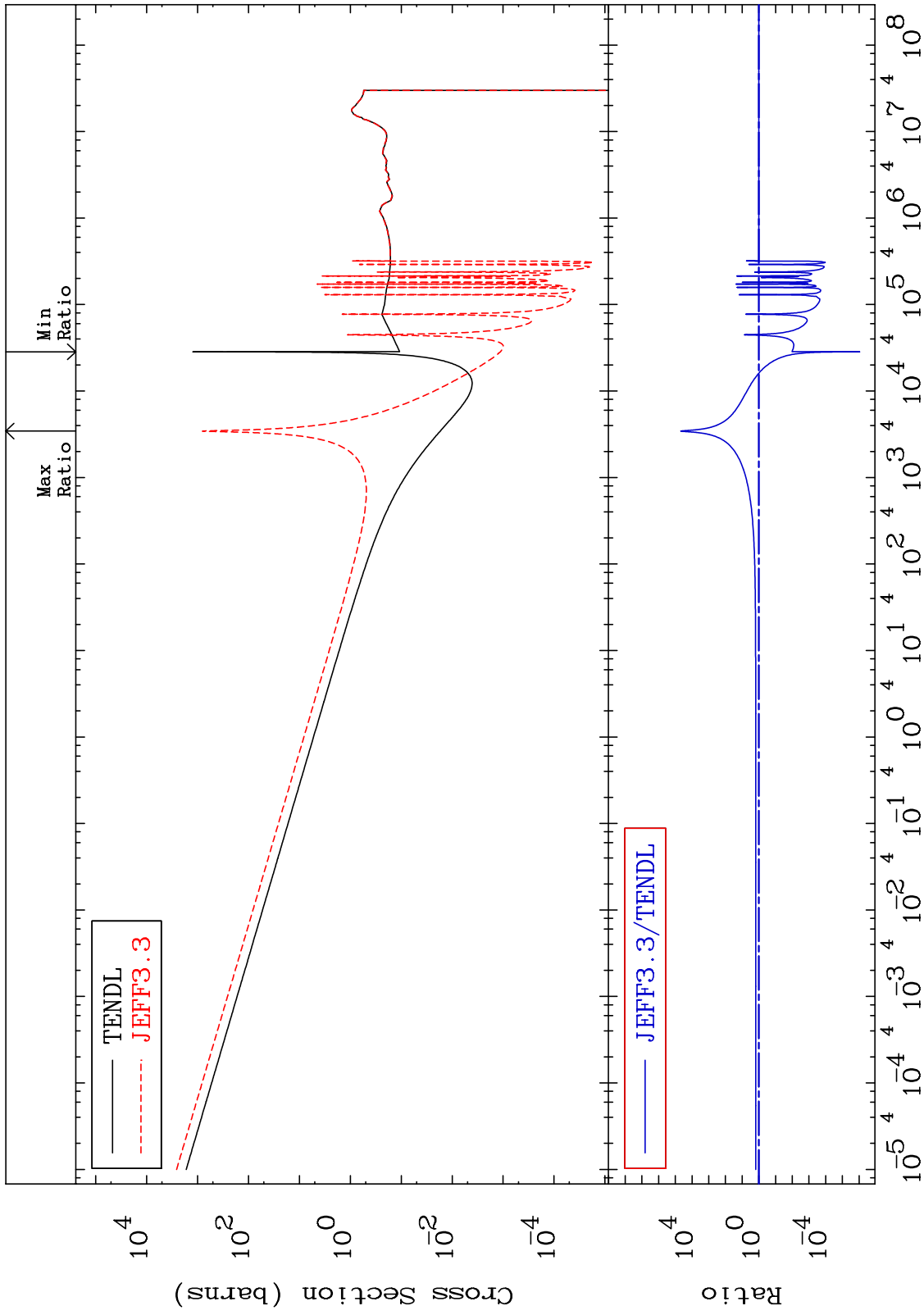
Incident Energy (eV)

20-Ca-46

MAT 2043

Kerma capture (mt102)
Cross Section

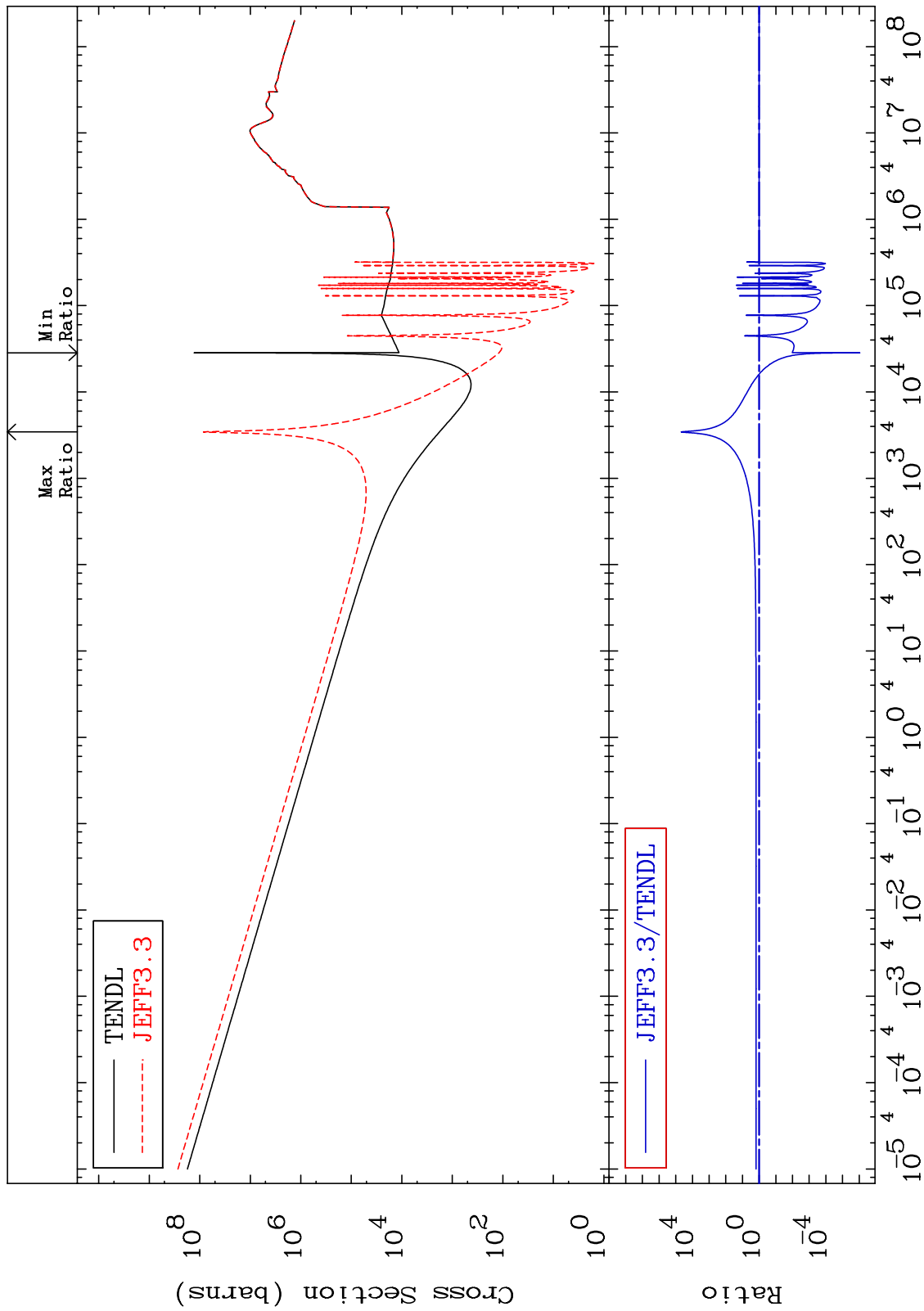
20-Ca-46
-100.0 To 9999. %



MAT 2043

Total photon (eV-barns)
Cross Section

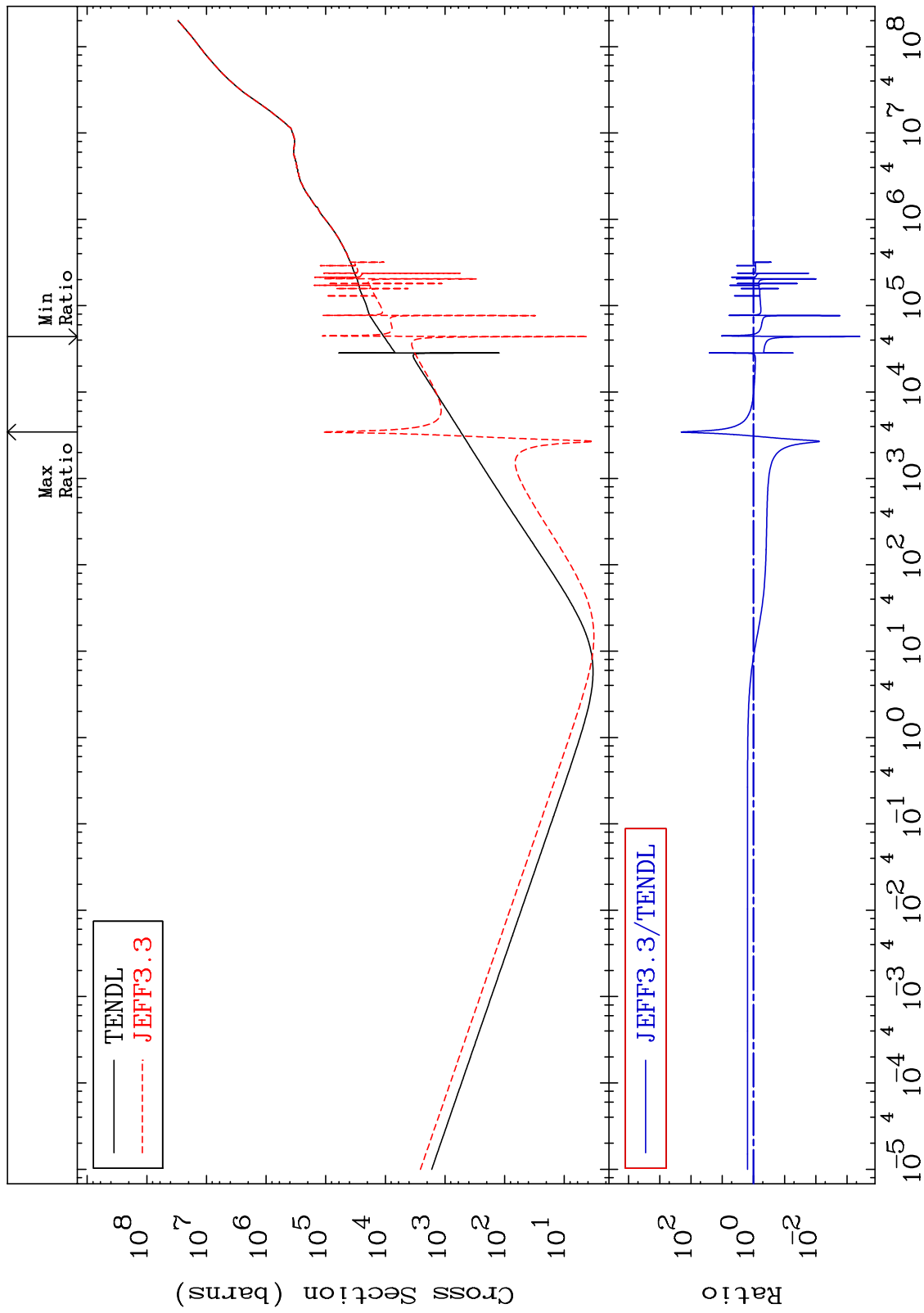
20-Ca-46
-100.0 To 9999. %



MAT 2043

Total kinematic kerma (high limit)
Cross Section

20-Ca-46
-99.96 To 9999. %



70

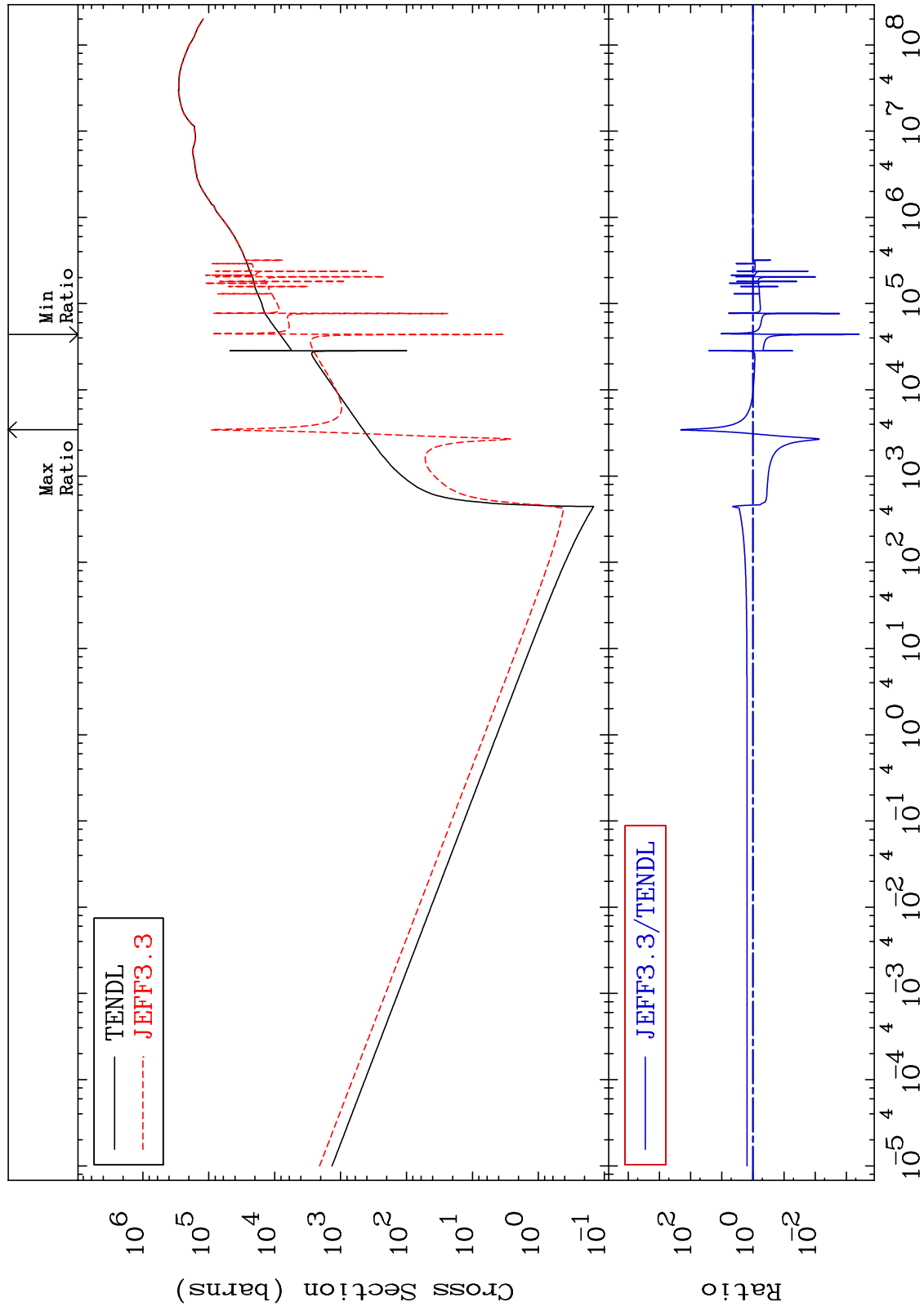
Incident Energy (eV)

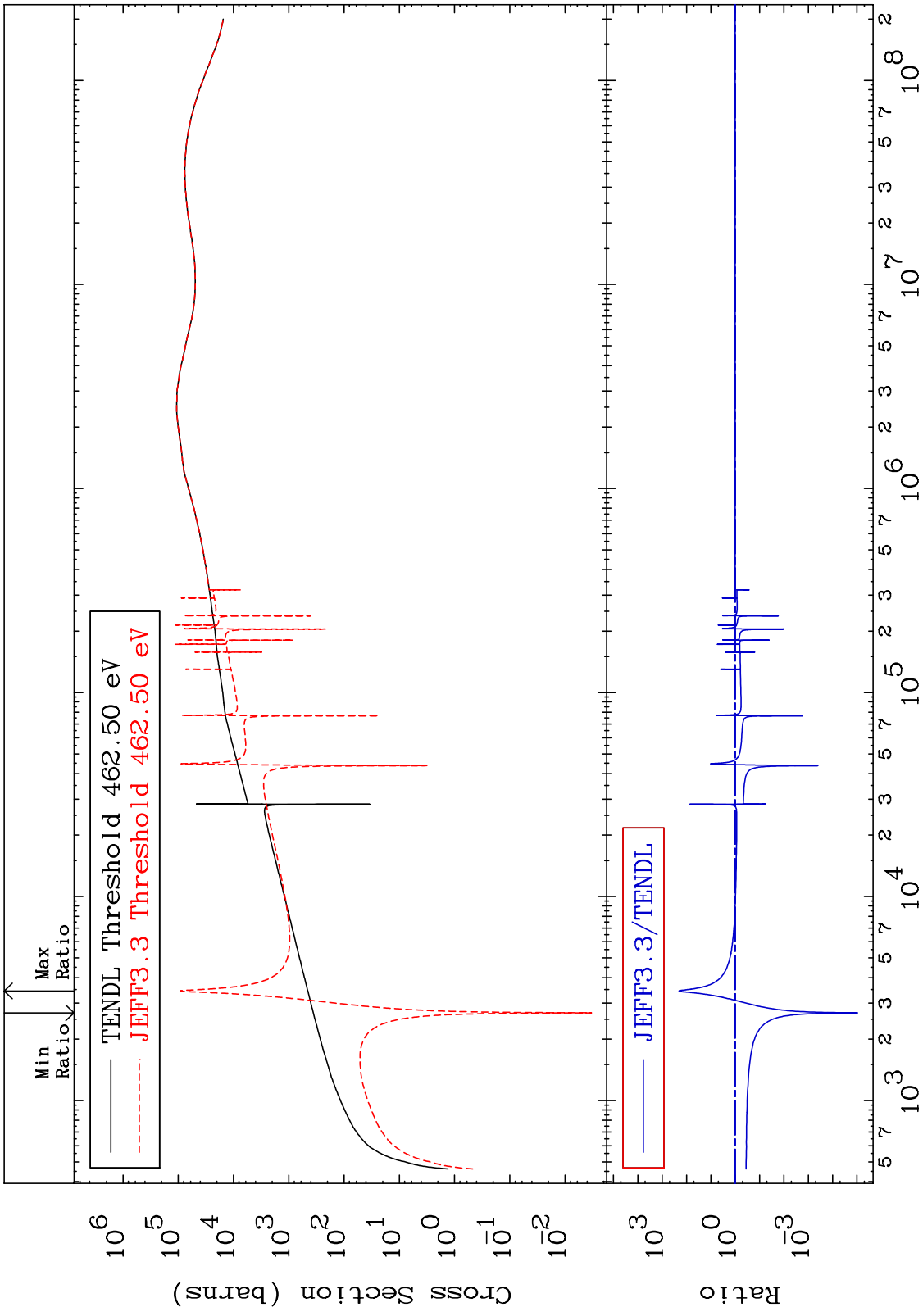
20-Ca-46

MAT 2043

Dpa total (eV-barns)
Cross Section

20-Ca-46
-99.96 To 9999. %

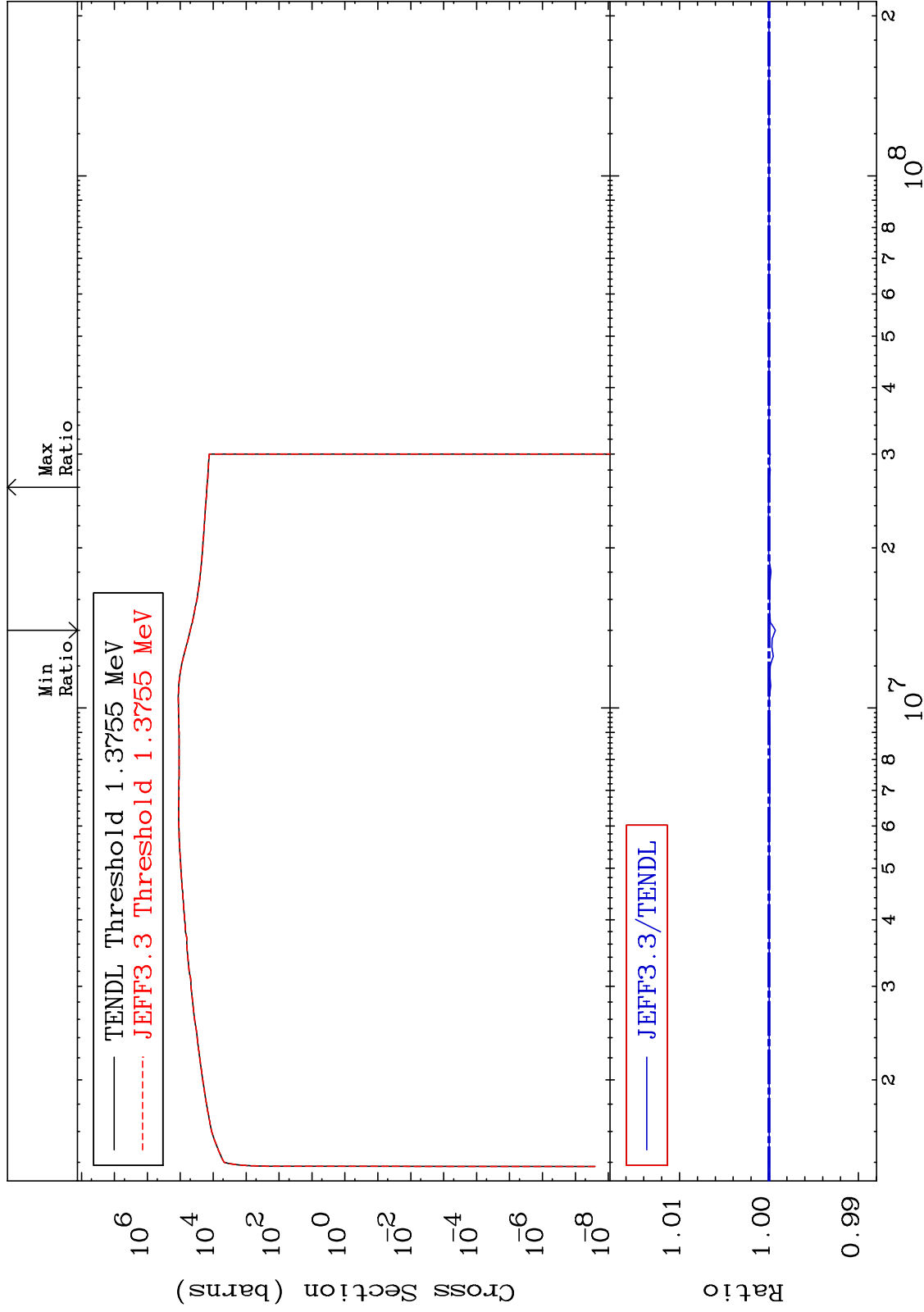




MAT 2043

Dpa inelastic (mt51-91)
Cross Section

20-Ca-46
-0.071 To 0.007 %



73

Incident Energy (eV)

20-Ca-46

MAT 2043

Dpa disappearance (mt102 -120)
Cross Section

20-Ca-46
-100.0 To 9999. %

