

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

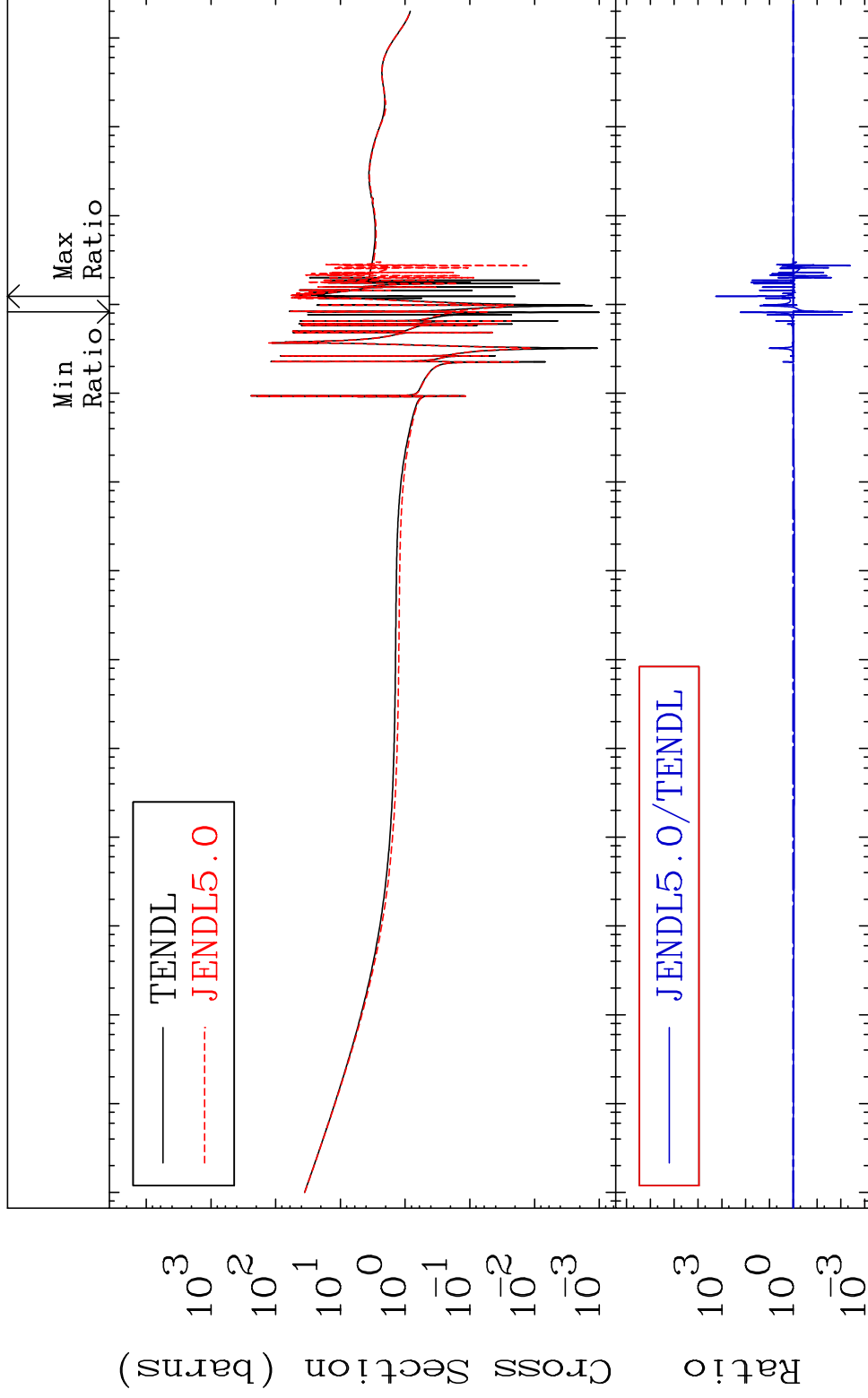
MAT 2031

Total

20-Ca-42

Cross Section

-99.67 To 9999. %



1

Incident Energy (eV)

20-Ca-42

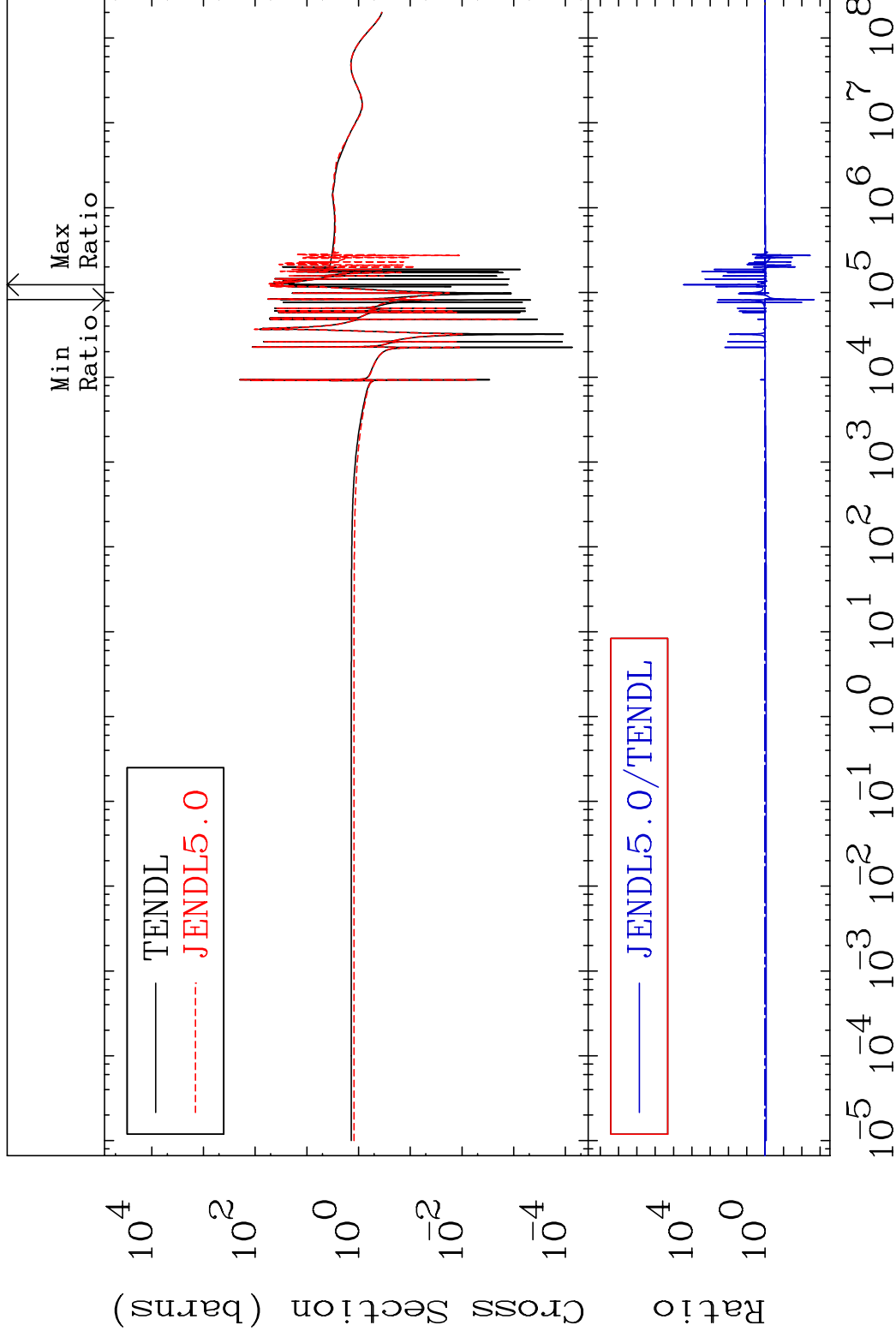
MAT 2031

Elastic

20-Ca-42

Cross Section

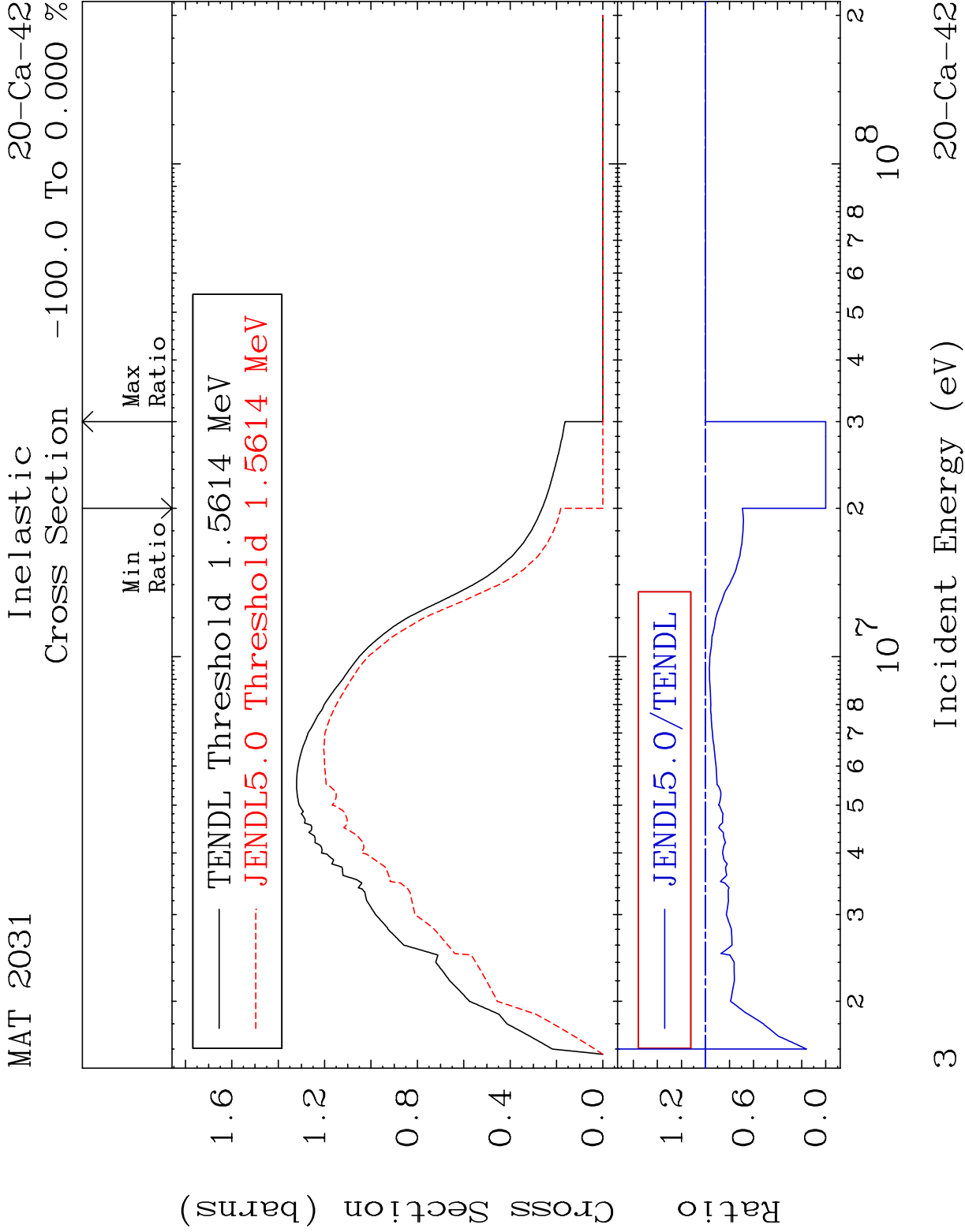
-99.79 To 9999. %



2

Incident Energy (eV)

20-Ca-42

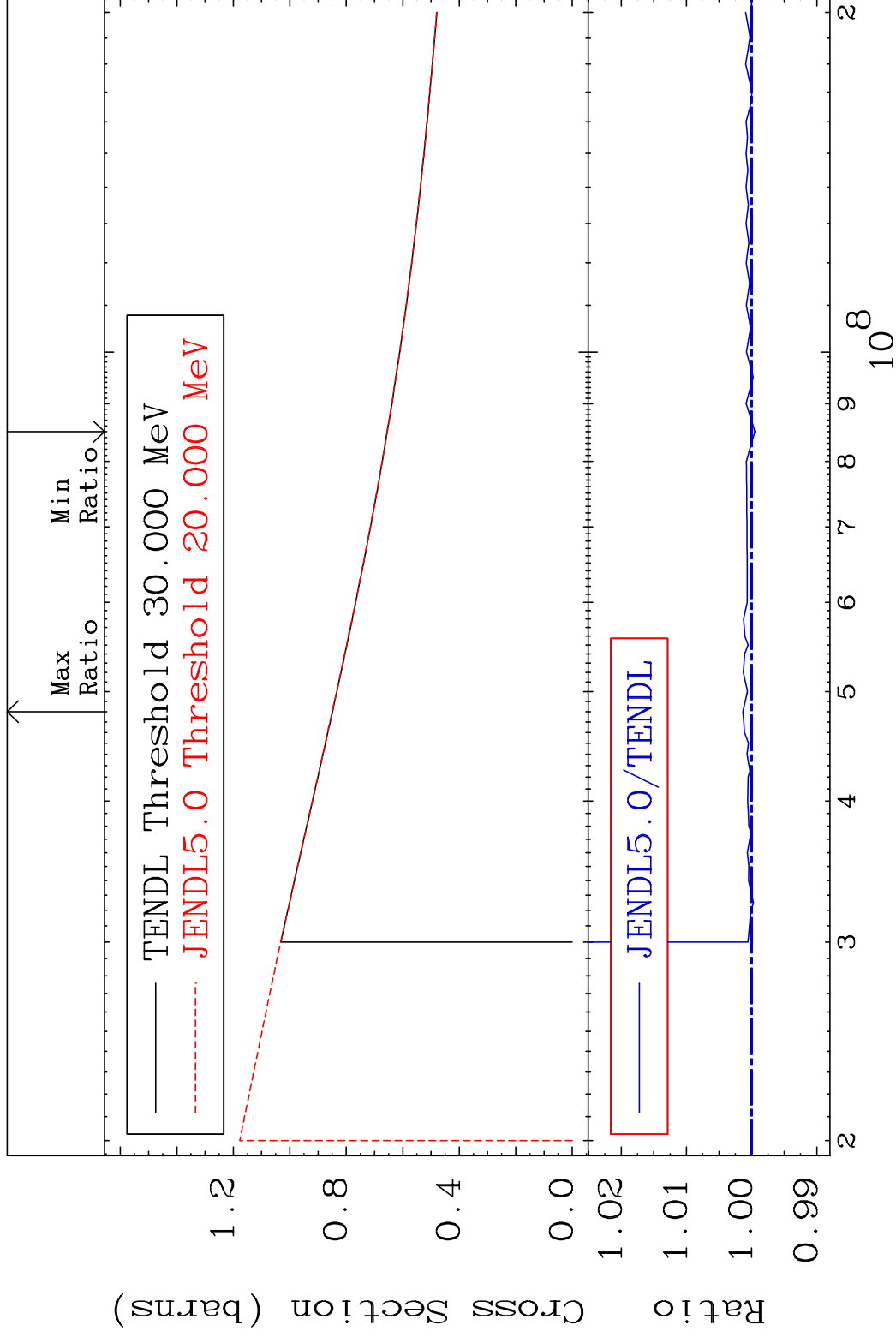


MAT 2031

(n, remainder)

20-Ca-42

Cross Section -0.050 To 0.134 %

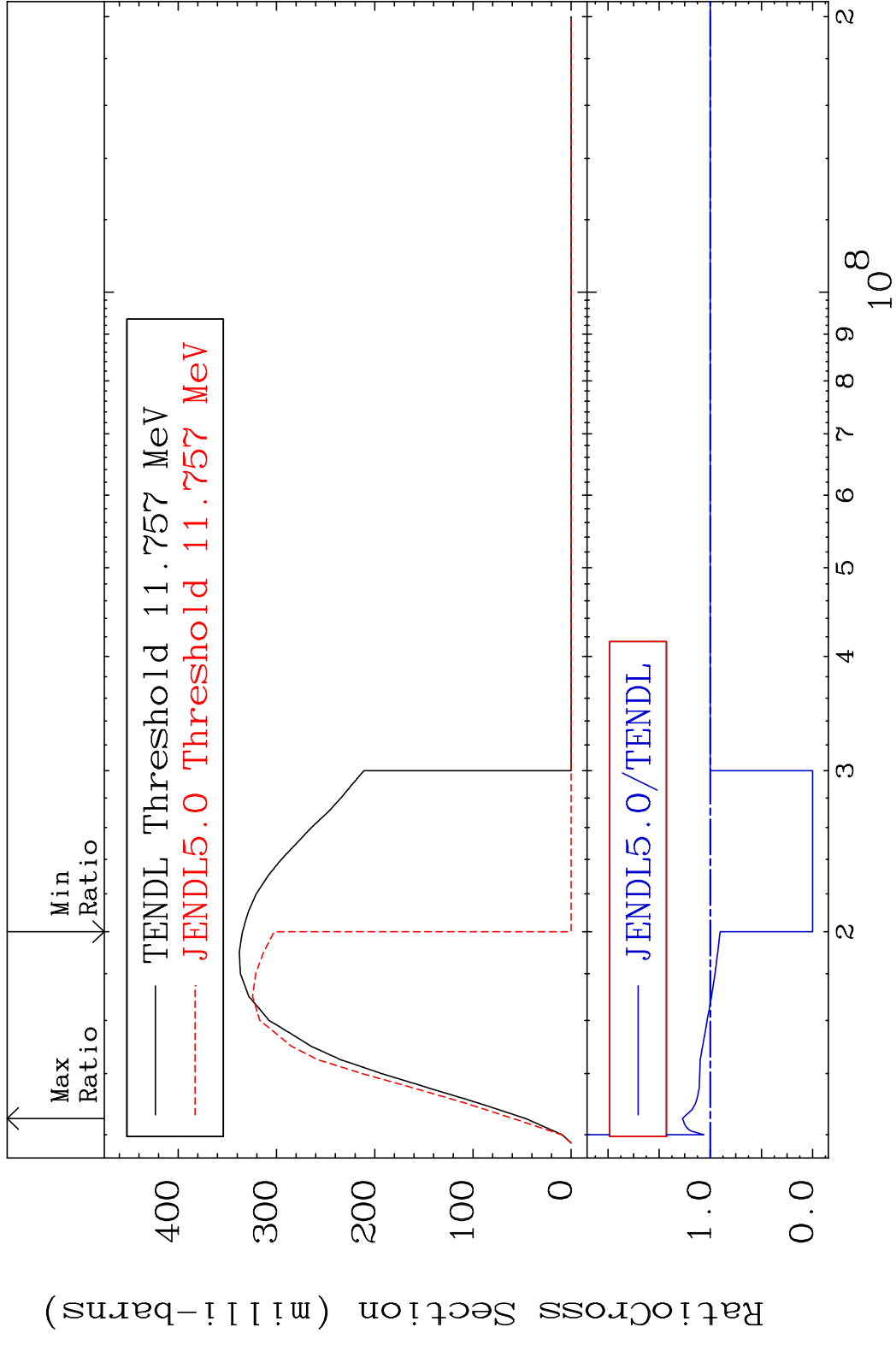


4

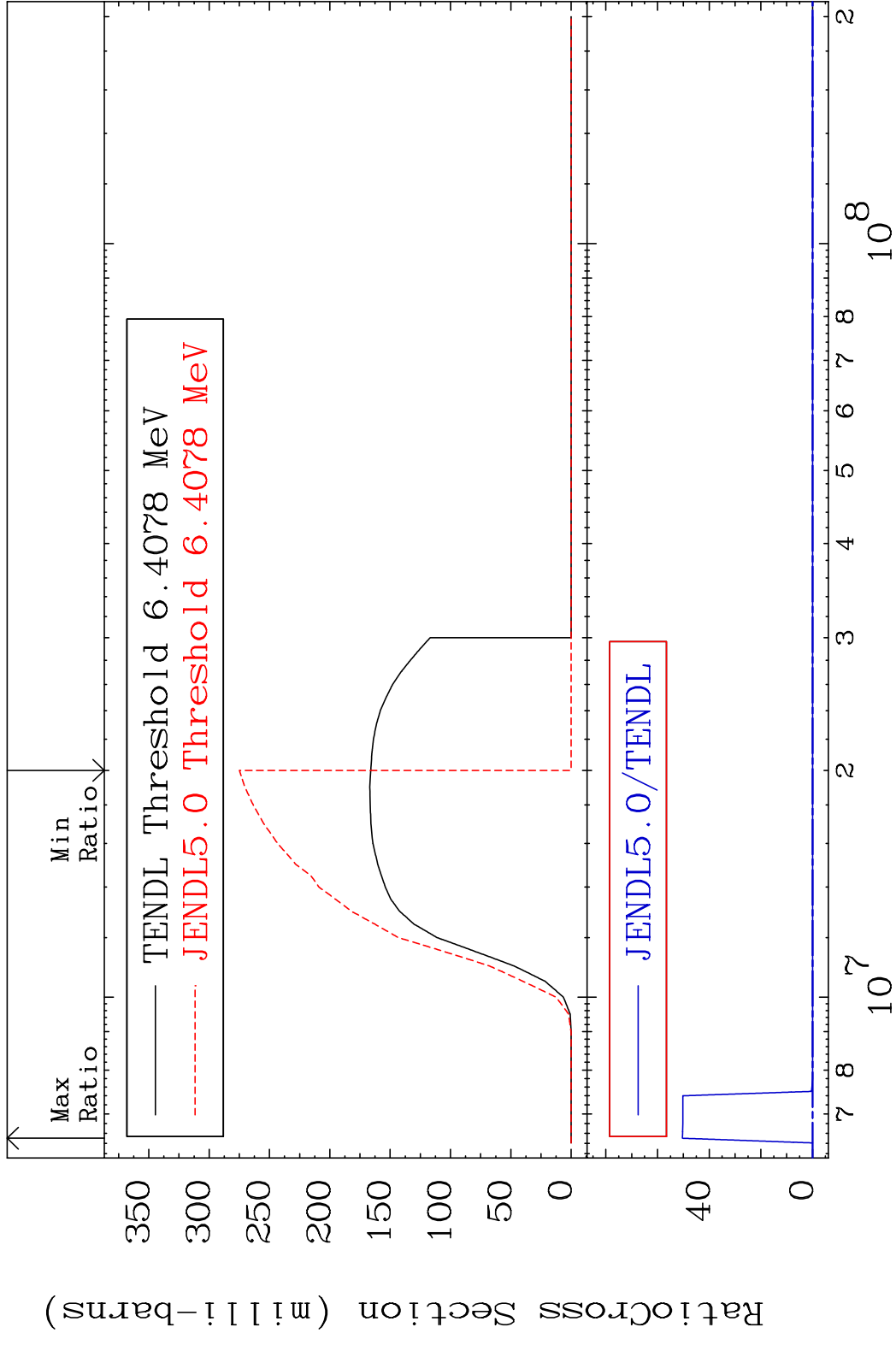
Incident Energy (eV)

20-Ca-42

MAT 2031 (n,2n) 20-Ca-42
 Cross Section -100.0 To 27.31 %

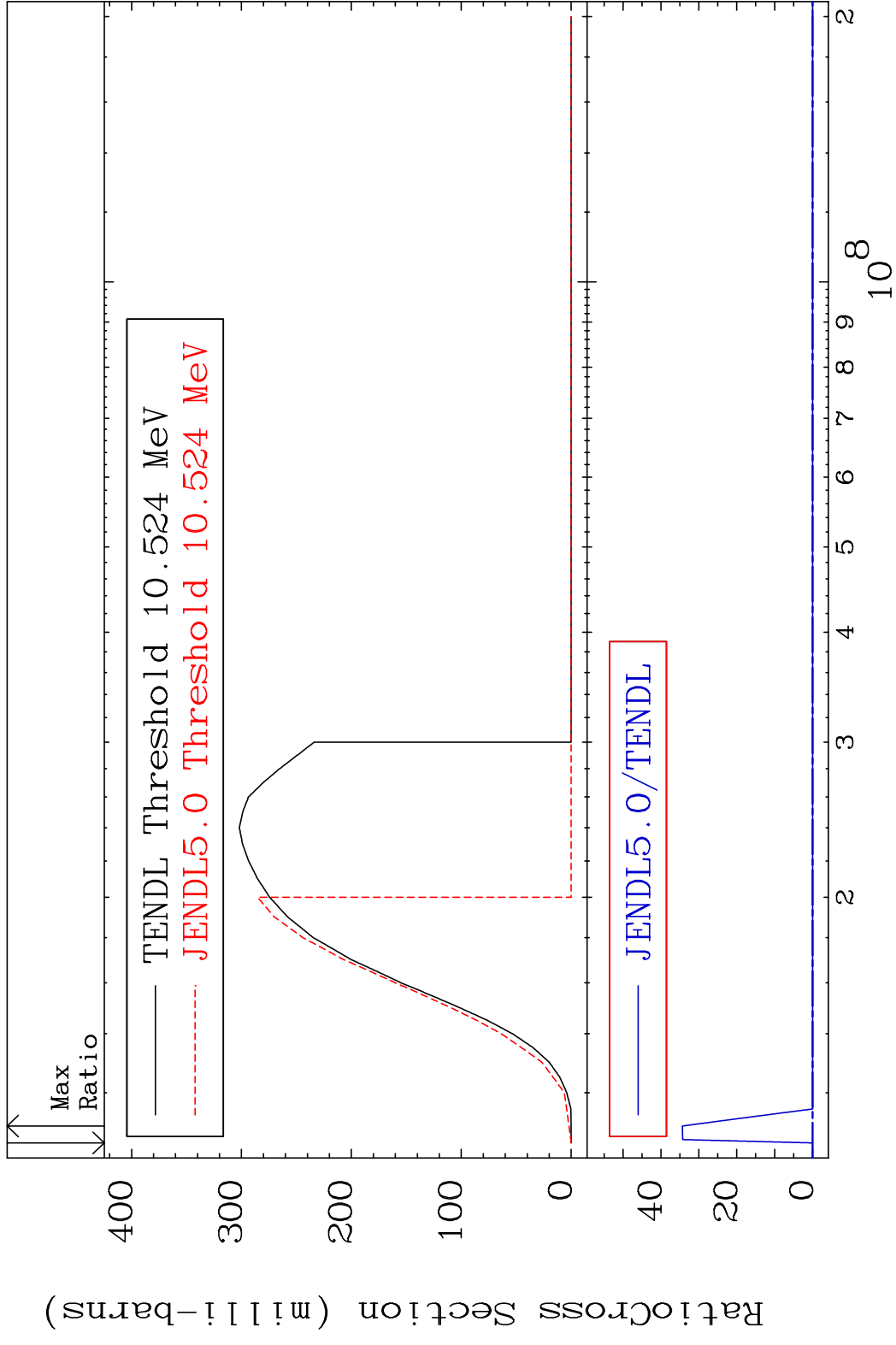


MAT 2031 (n, n') α 20-Ca-42
 Cross Section -100.0 To 9999. %

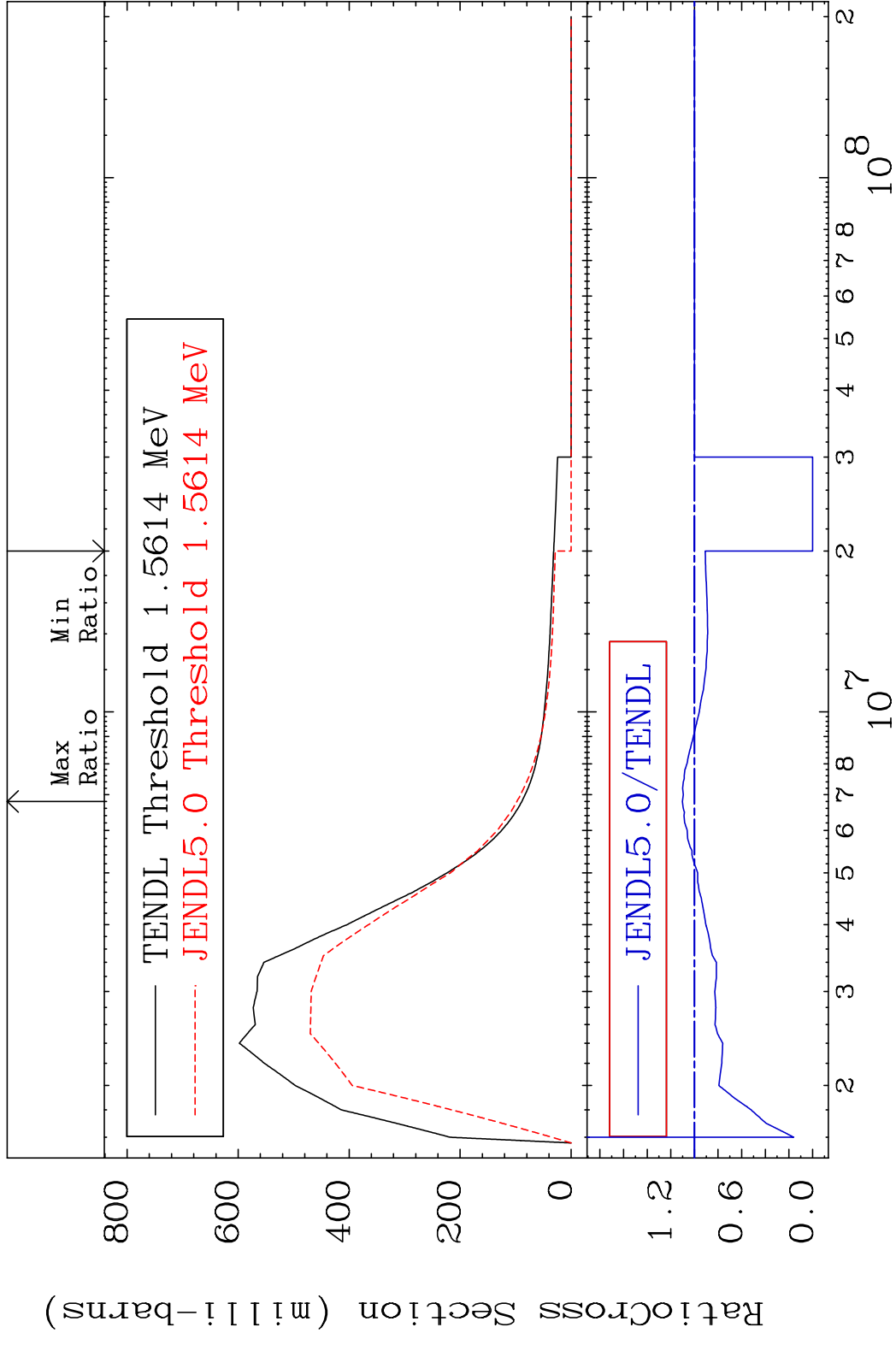


6 7 8 10⁷ 10⁸ 2

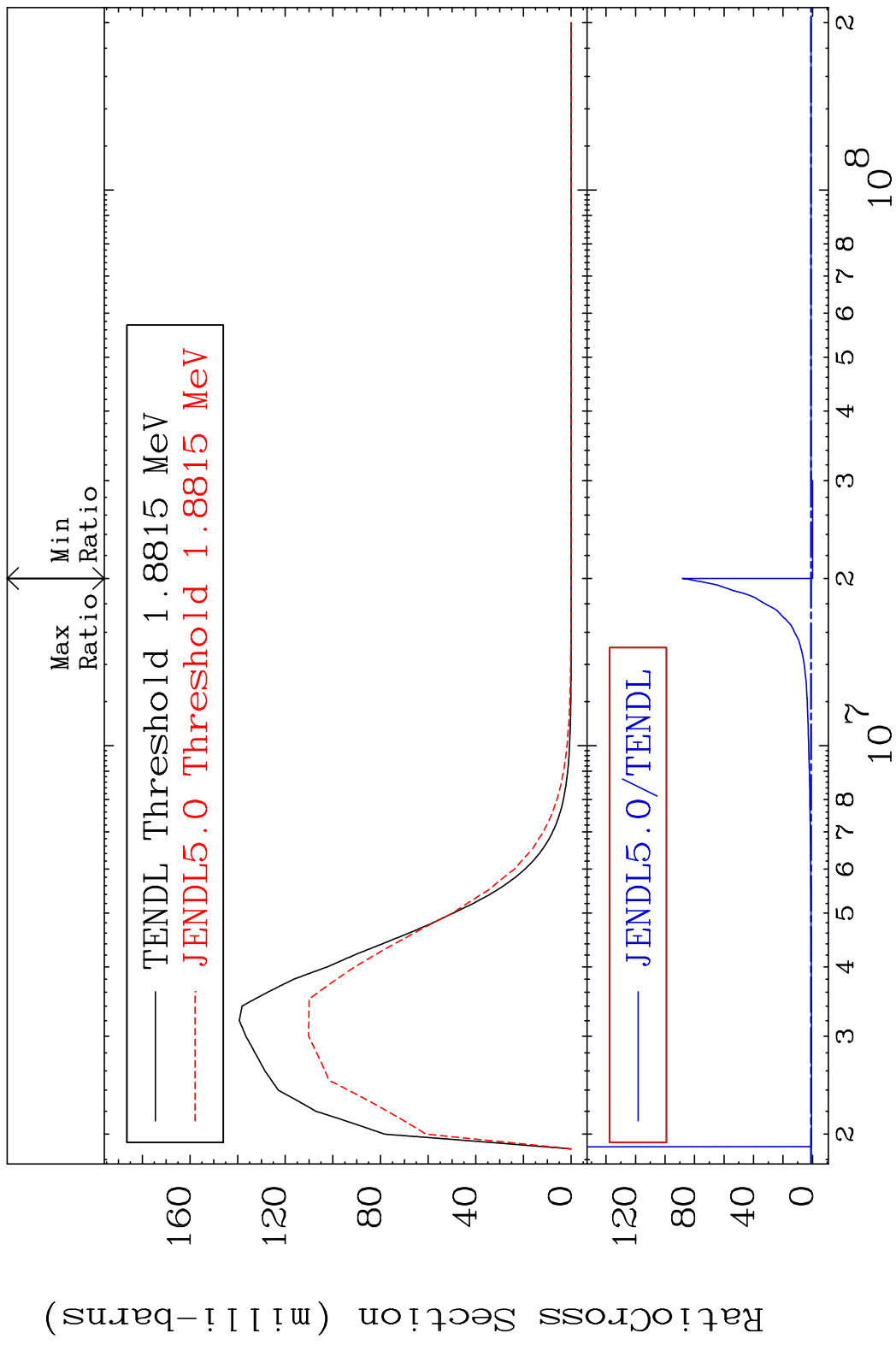
MAT 2031 (n, n') p 20-Ca-42
 Cross Section -100.0 To 9999. %



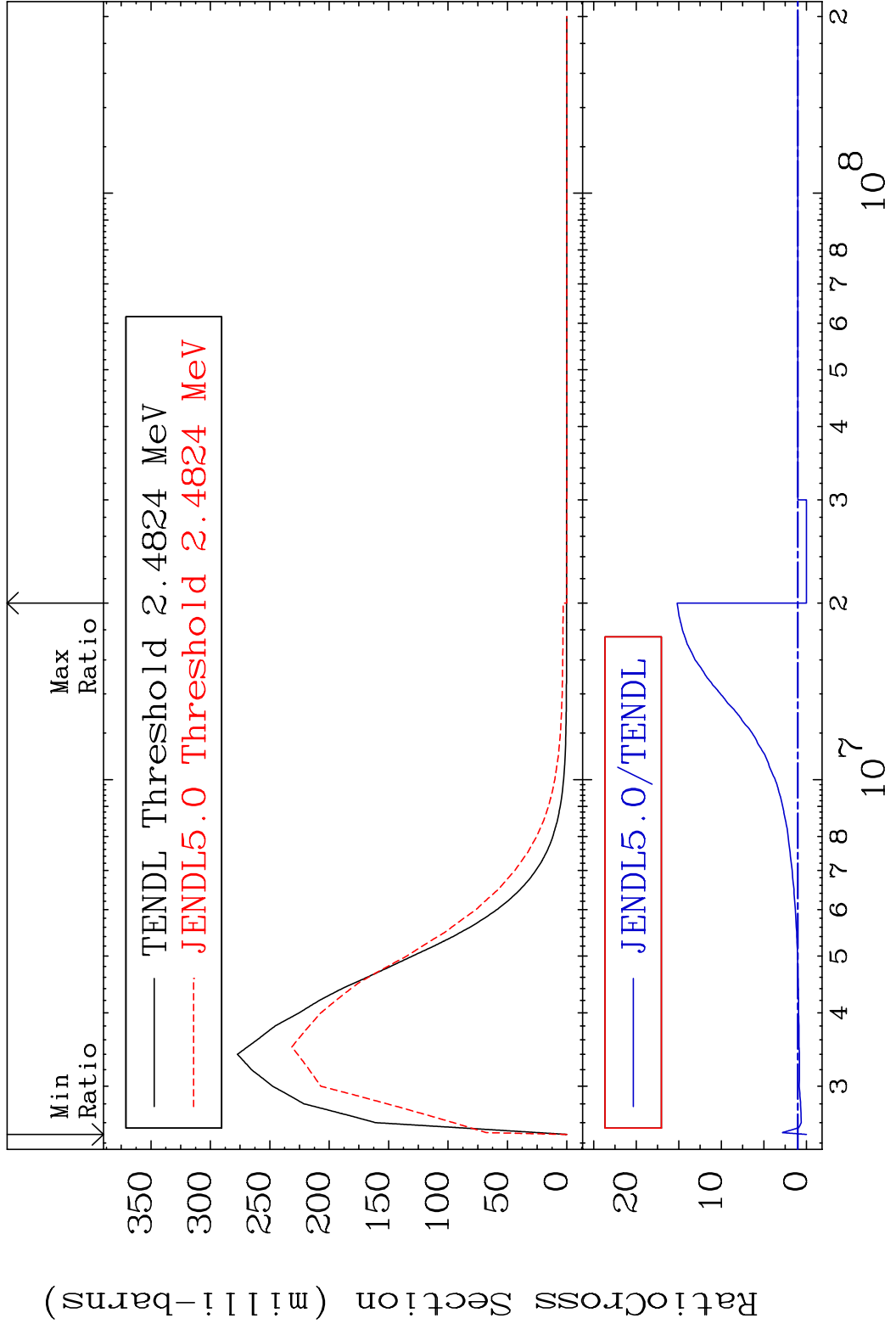
MAT 2031 MT= 51 (n, n') Level 20-Ca-42
 Cross Section -100.0 To 10.21 %



MAT 2031 MT= 52 (n, n') Level 20-Ca-42
 Cross Section -100.0 To 8728. %

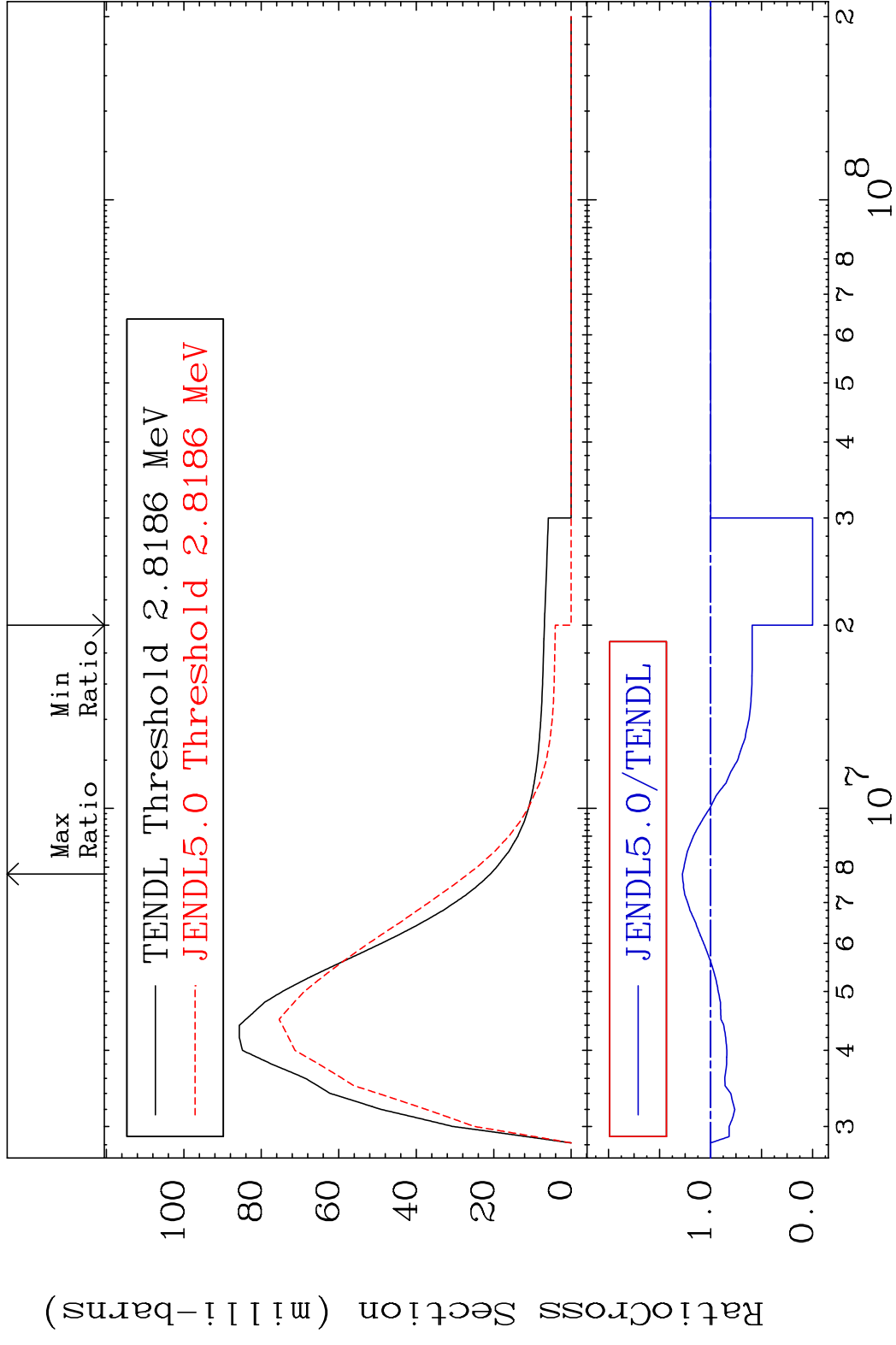


MAT 2031 MT= 53 (n, n') Level 20-Ca-42
 Cross Section -100.0 To 1420. %

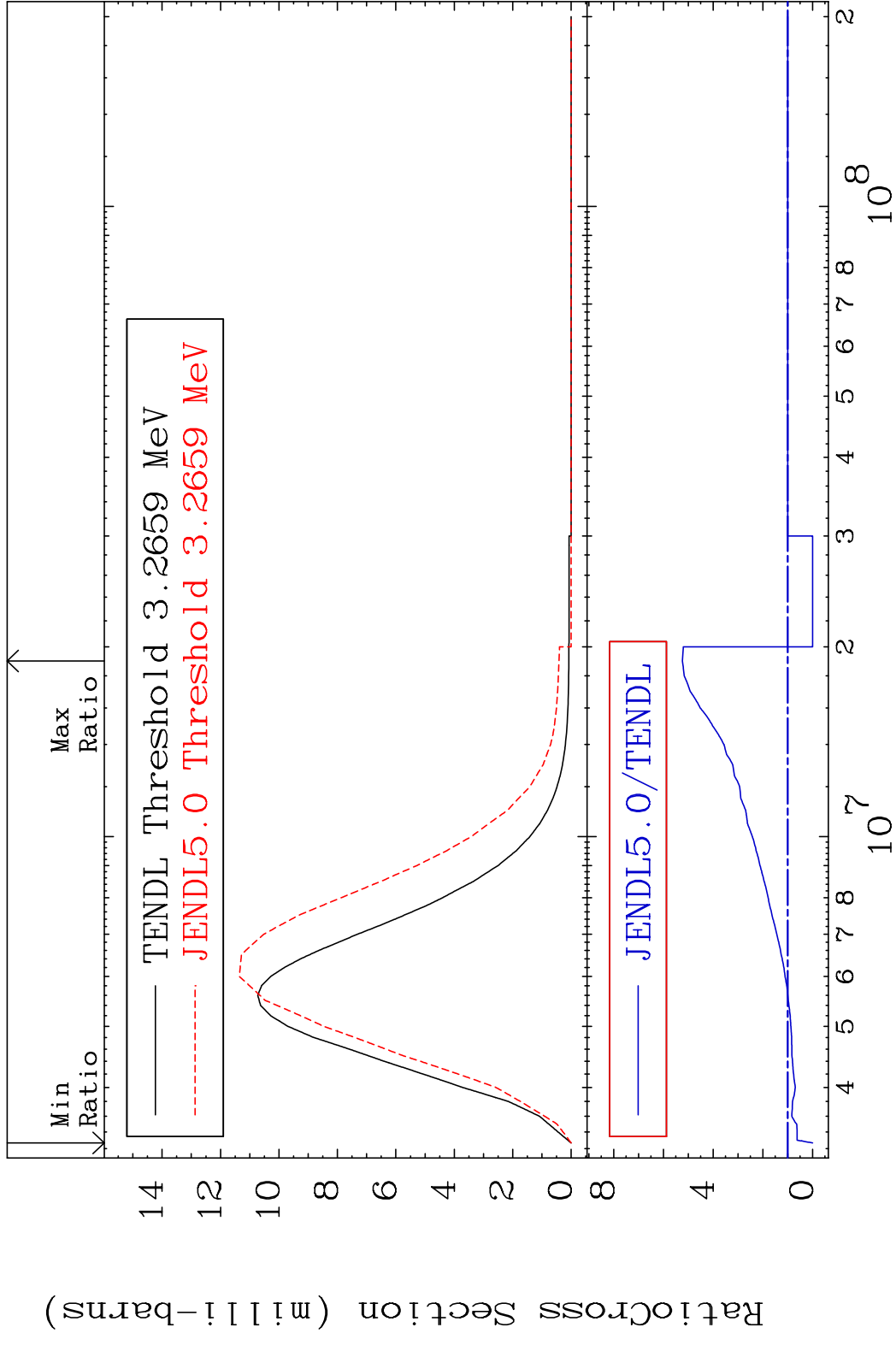


10 3 4 5 6 7 8 10⁷ 2 3 4 5 6 7 8 10⁸ 2

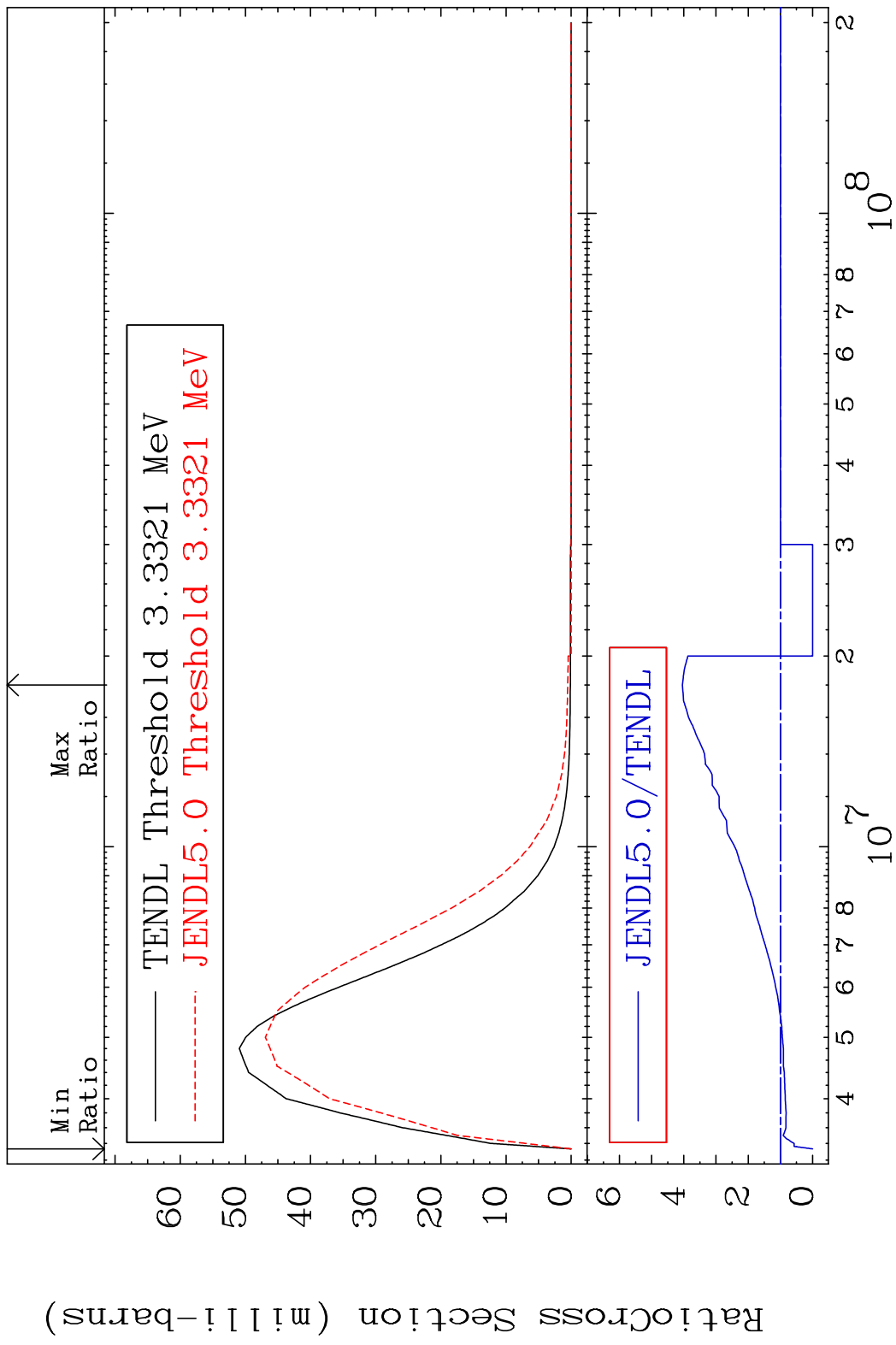
MAT 2031 MT= 54 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 27.65 %



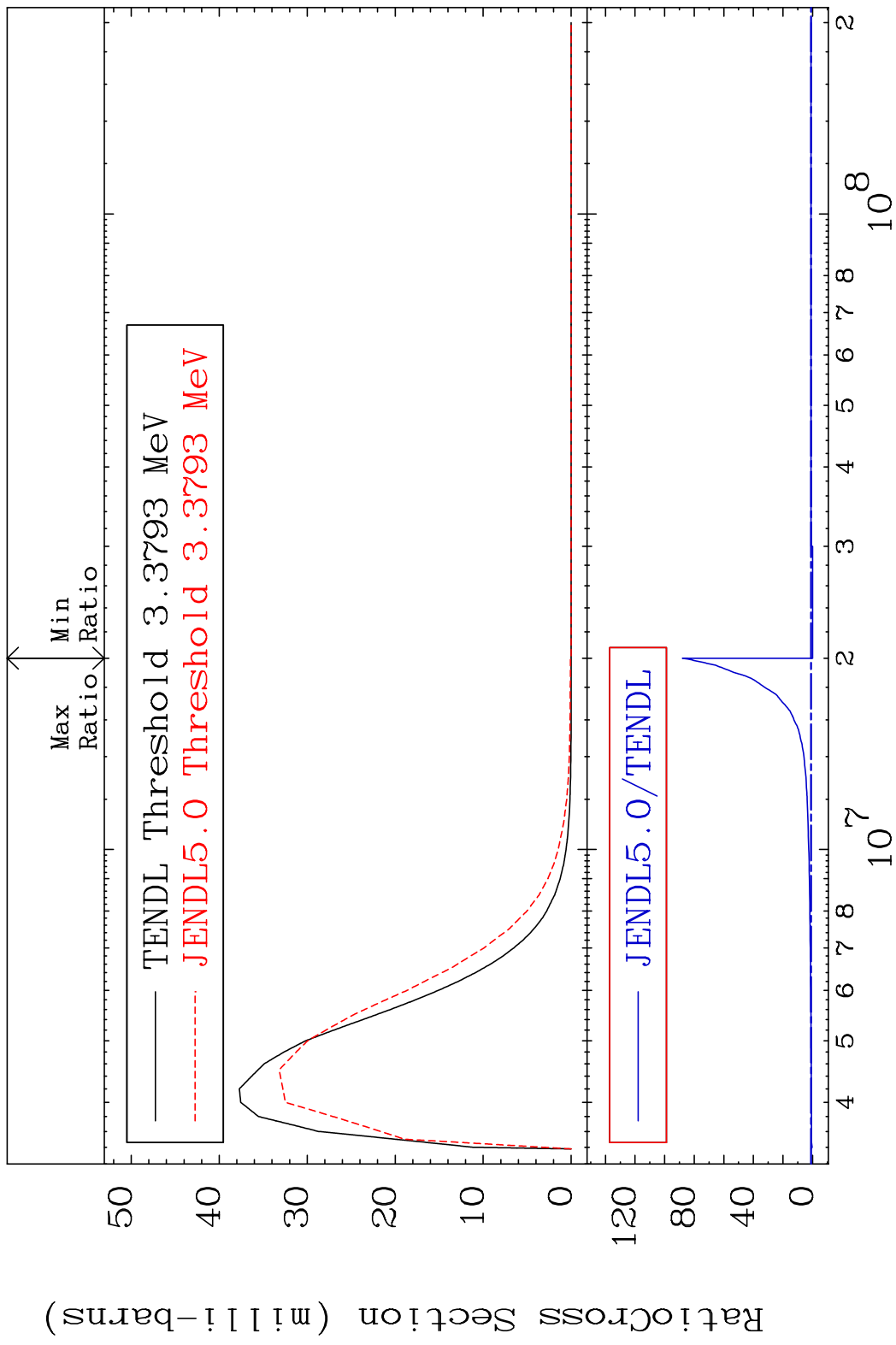
MAT 2031 MT= 55 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 423.7 %



MAT 2031 MT= 56 (n, n') Level 20-Ca-42
 Cross Section -100.0 To 304.6 %

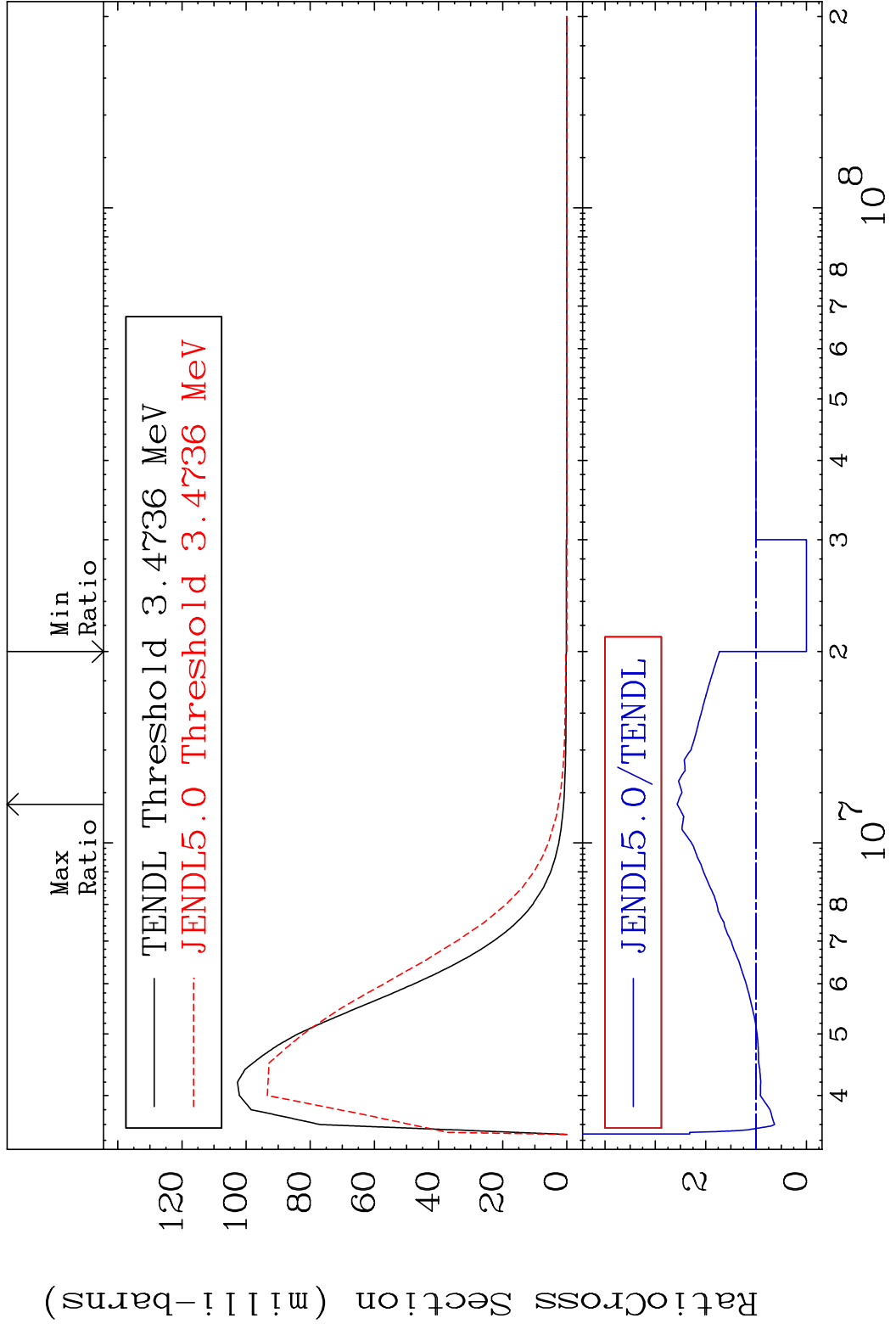


MAT 2031 MT= 57 (n, n') Level 20-Ca-42
 Cross Section -100.0 To 8702. %

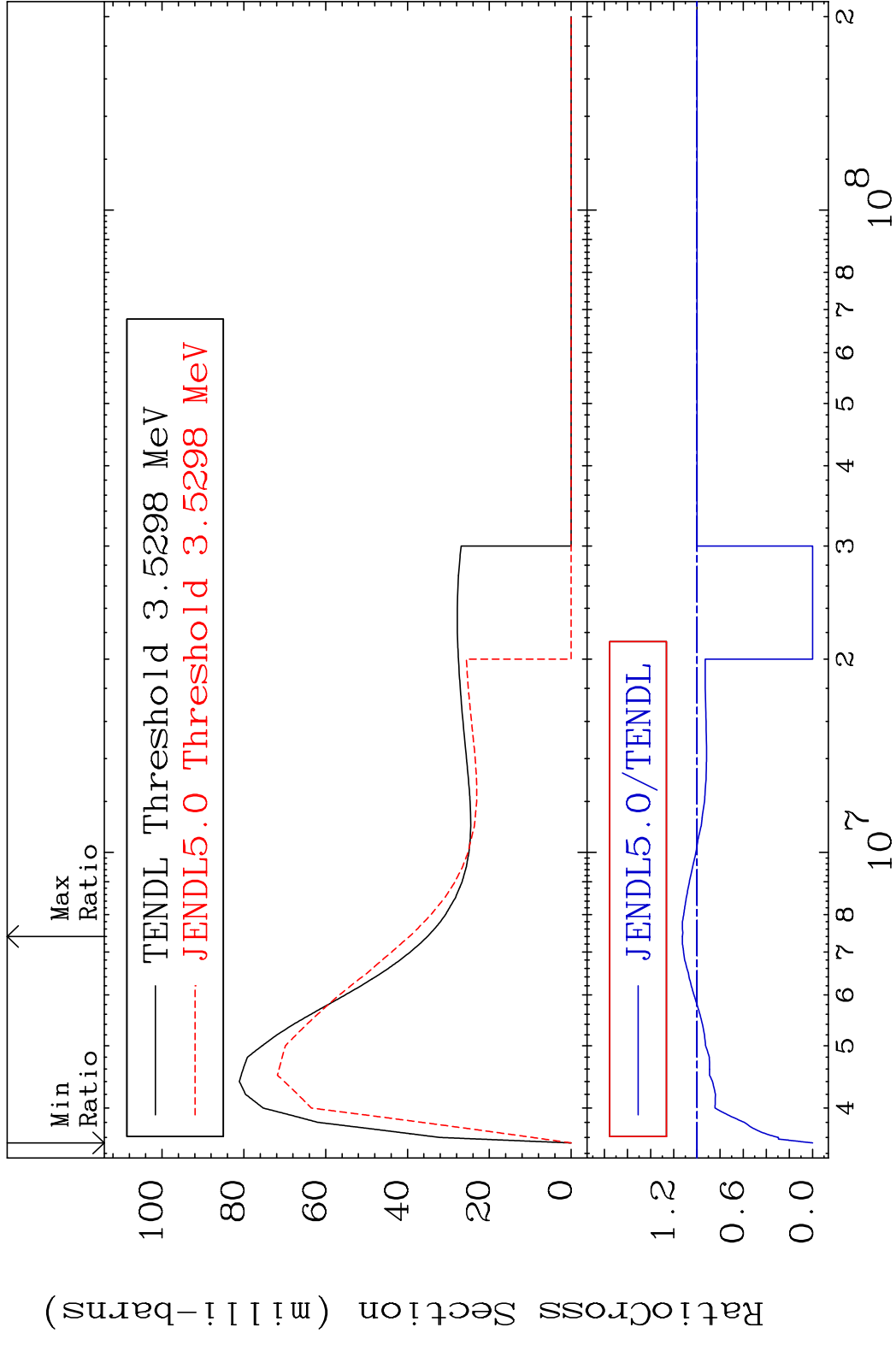


14 Incident Energy (eV) 20-Ca-42

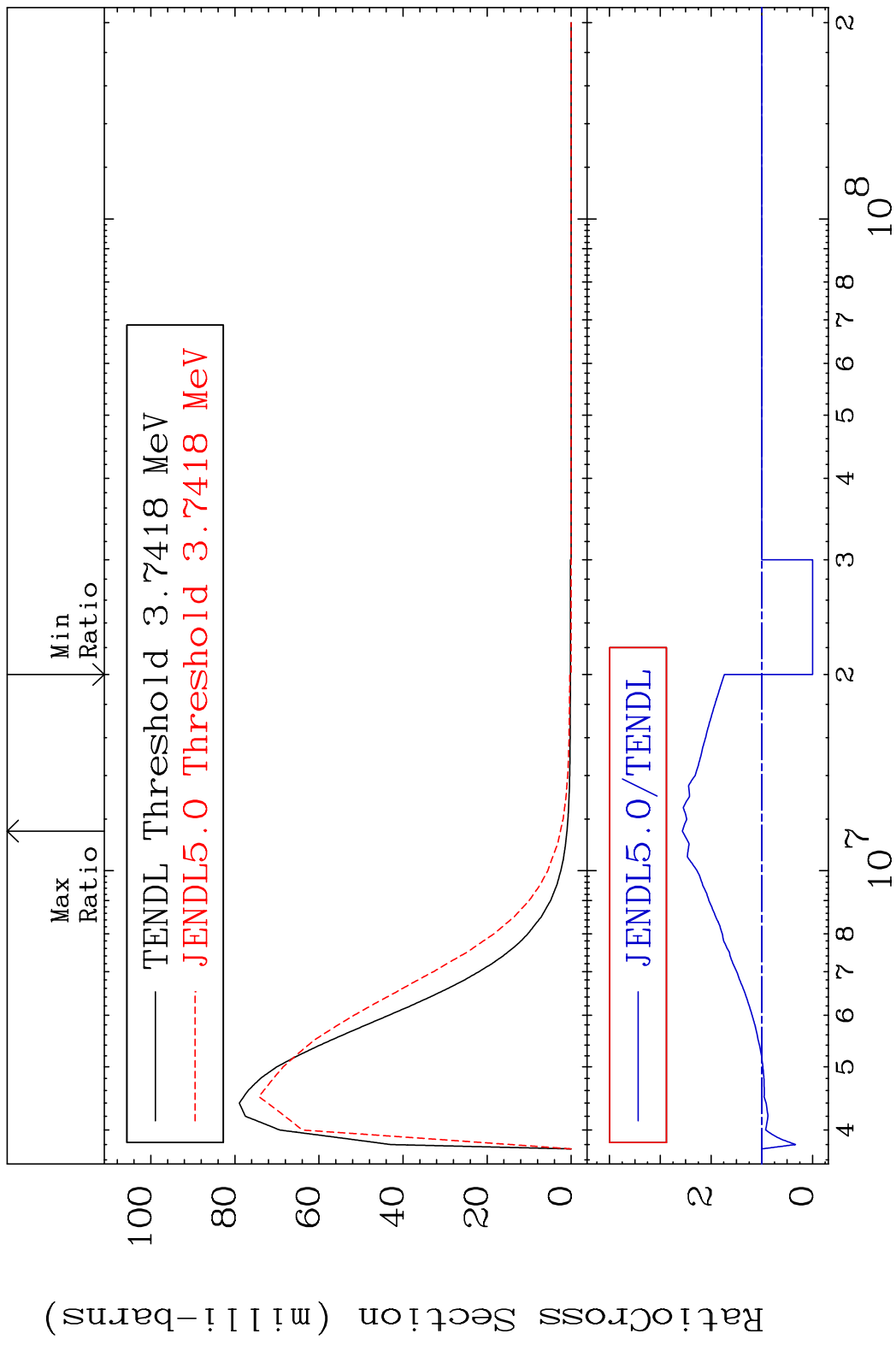
MAT 2031 MT= 58 (n, n') Level 20-Ca-42
 Cross Section -100.0 To 156.5 %



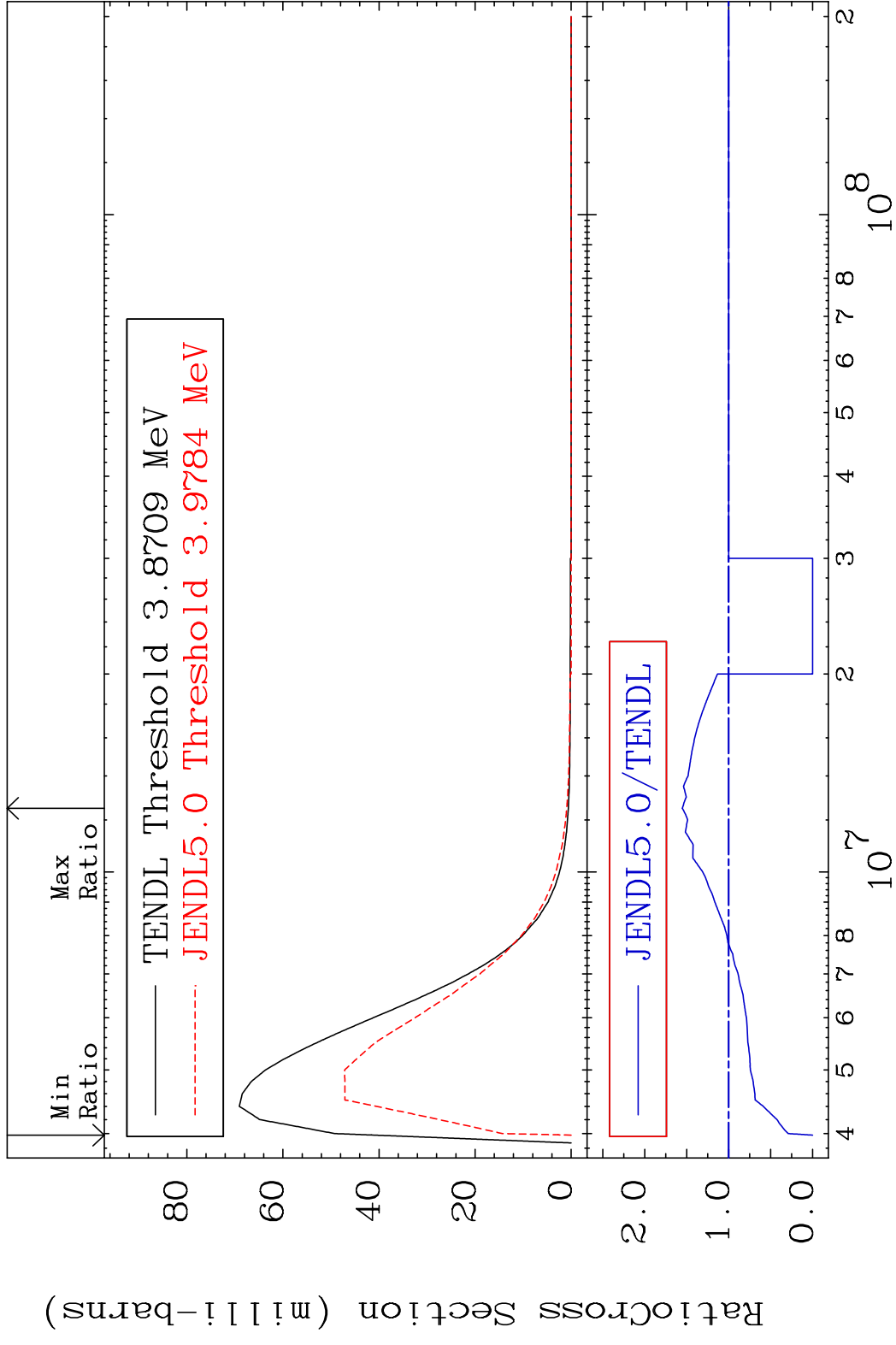
MAT 2031 MT= 59 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 12.59 %



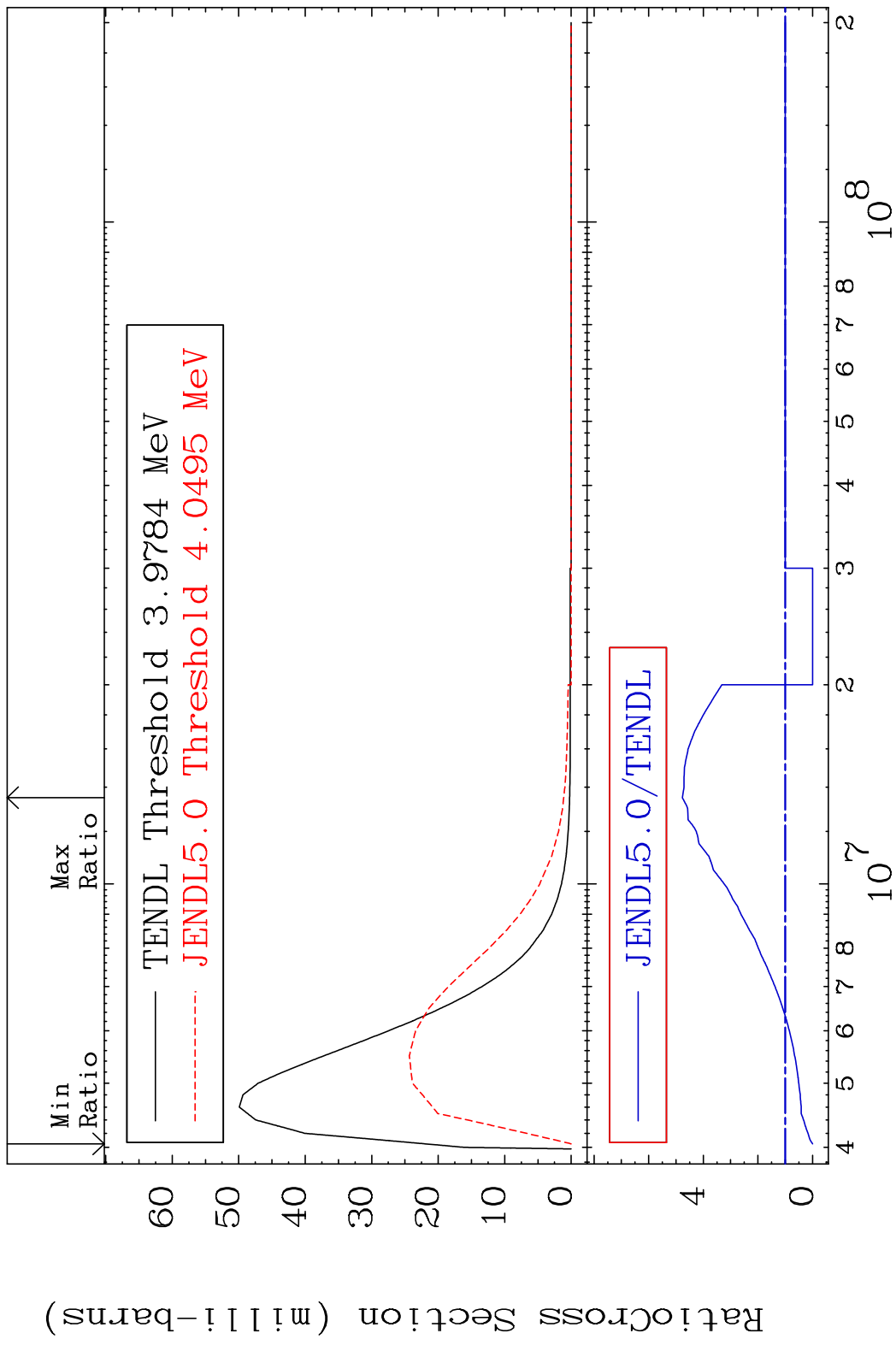
MAT 2031 MT= 60 (n, n') Level 20-Ca-42
 Cross Section -100.0 To 156.5 %



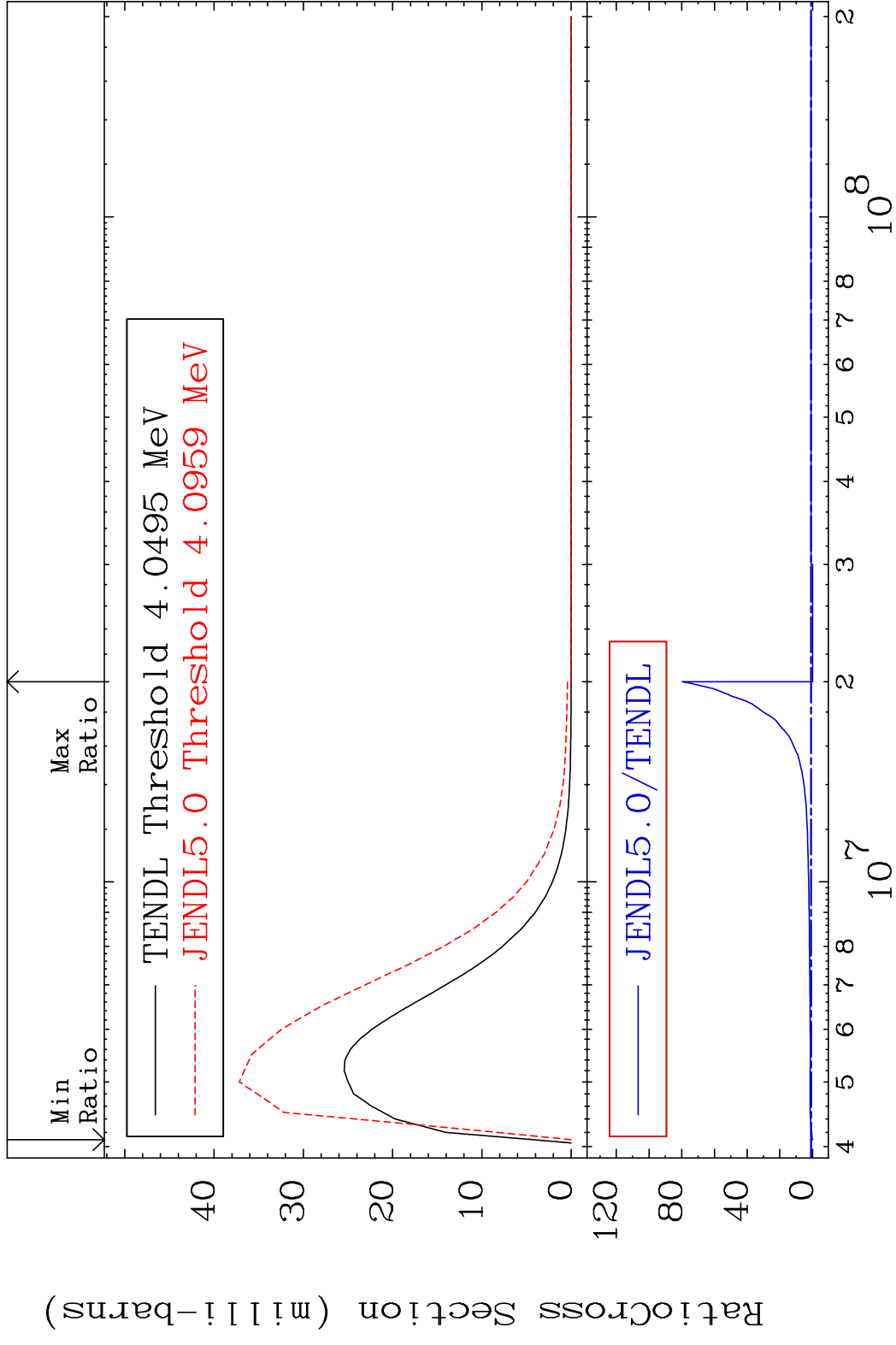
MAT 2031 MT= 61 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 55.16 %



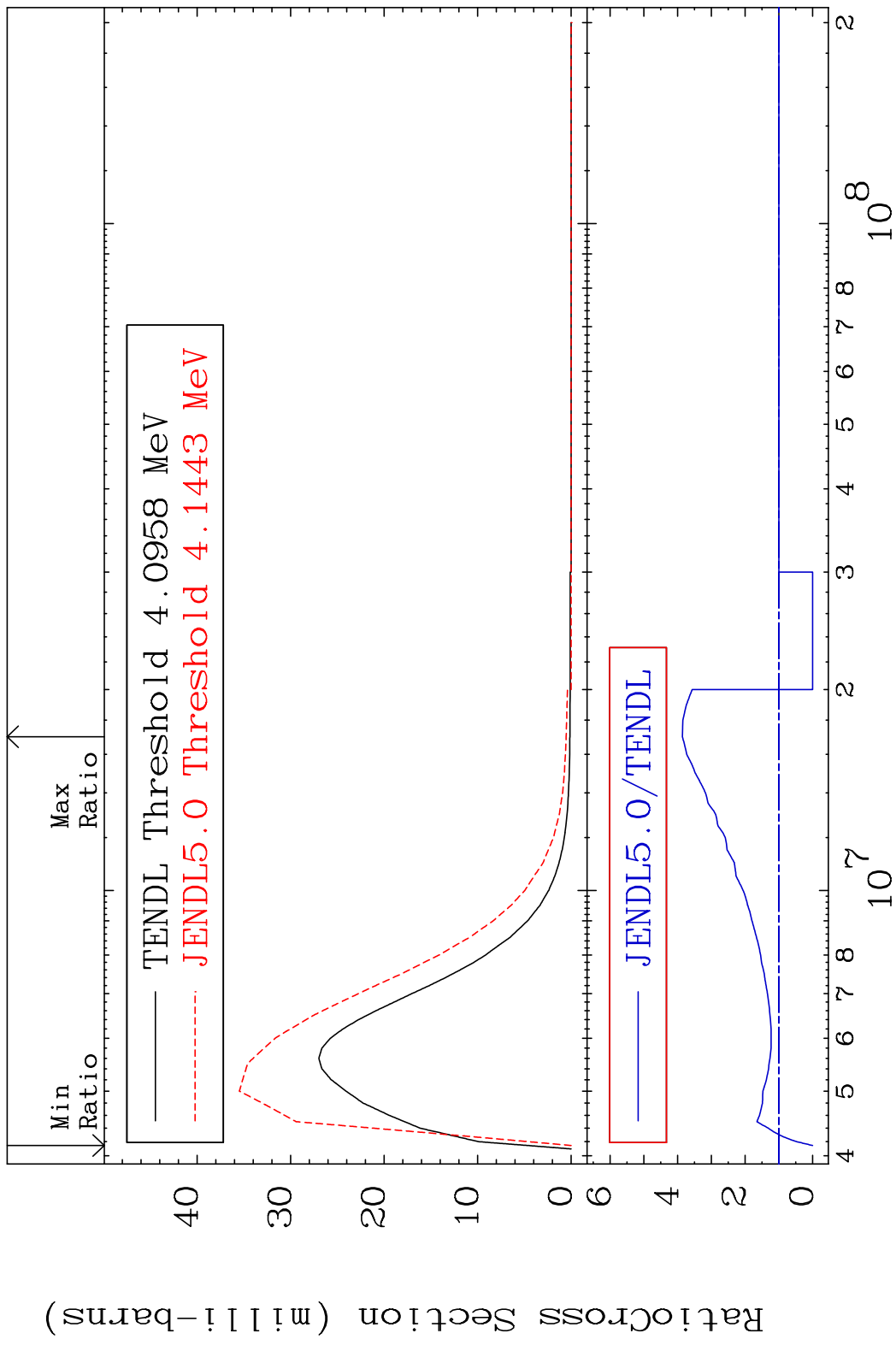
MAT 2031 MT= 62 (n, n') Level 20-Ca-42
 Cross Section -100.0 To 376.7 %



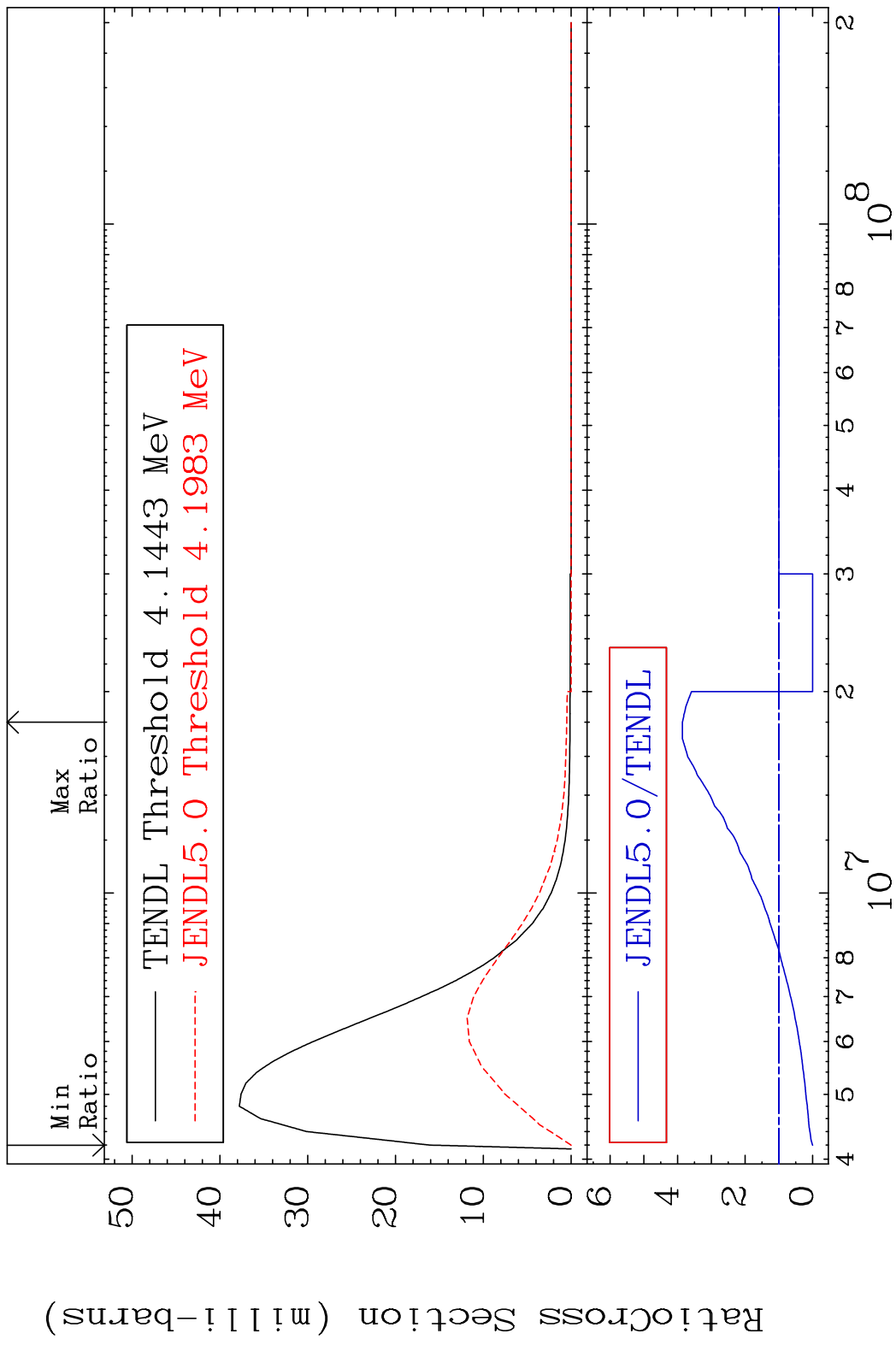
MAT 2031 MT= 63 (n, n') Level 20-Ca-42
 Cross Section -100.0 To 7863. %



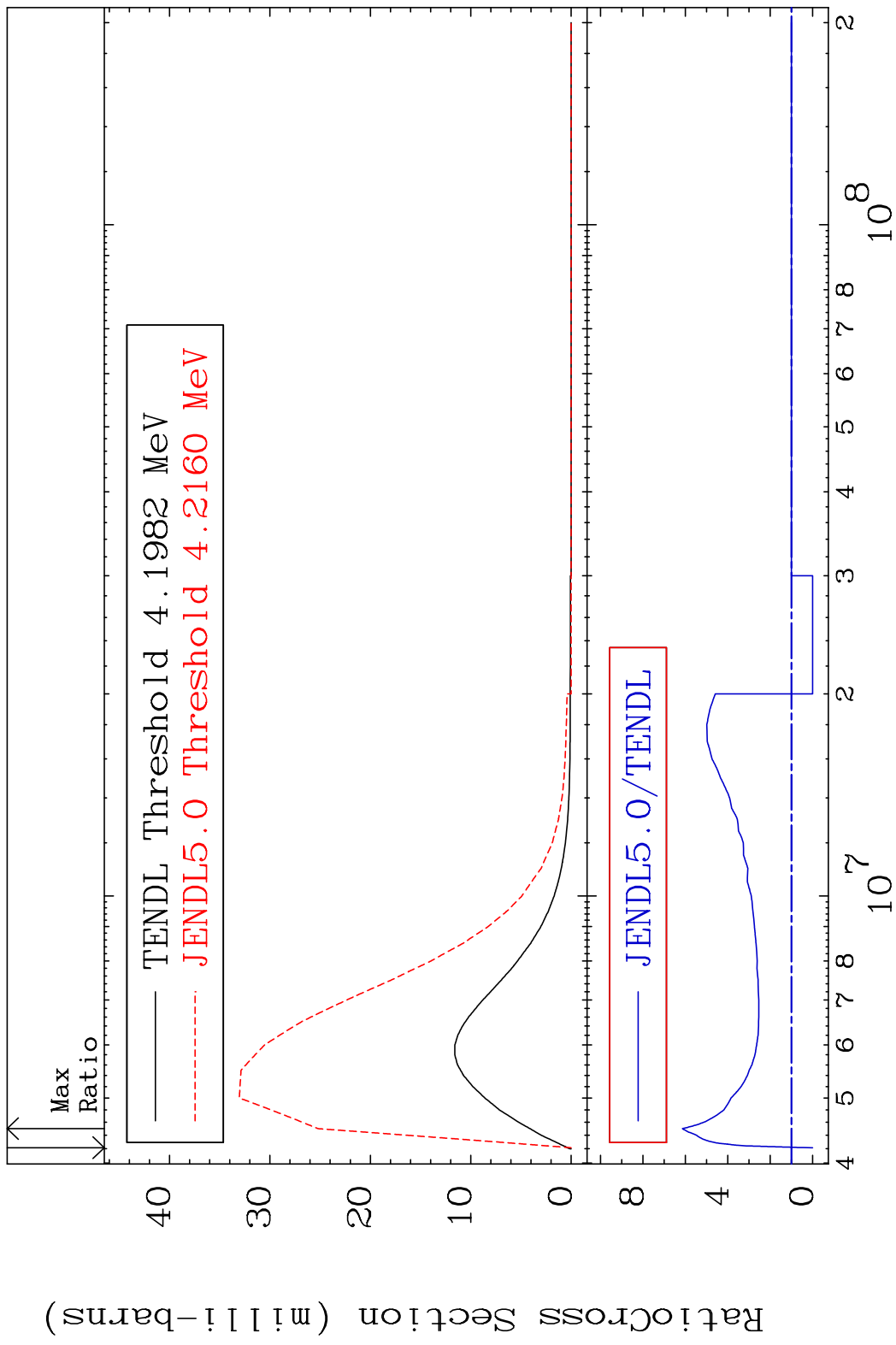
MAT 2031 MT= 64 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 285.9 %



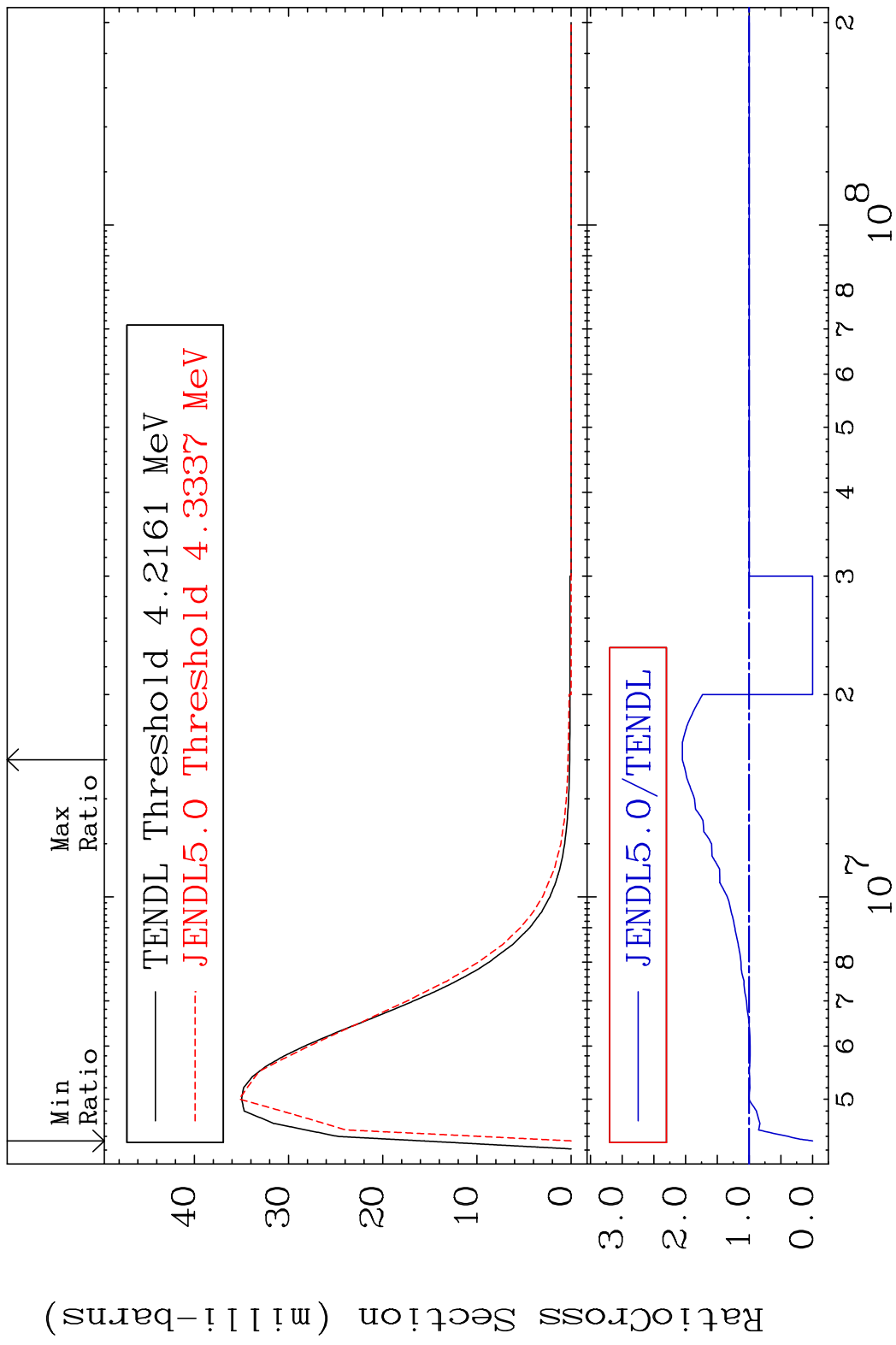
MAT 2031 MT= 65 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 286.0 %



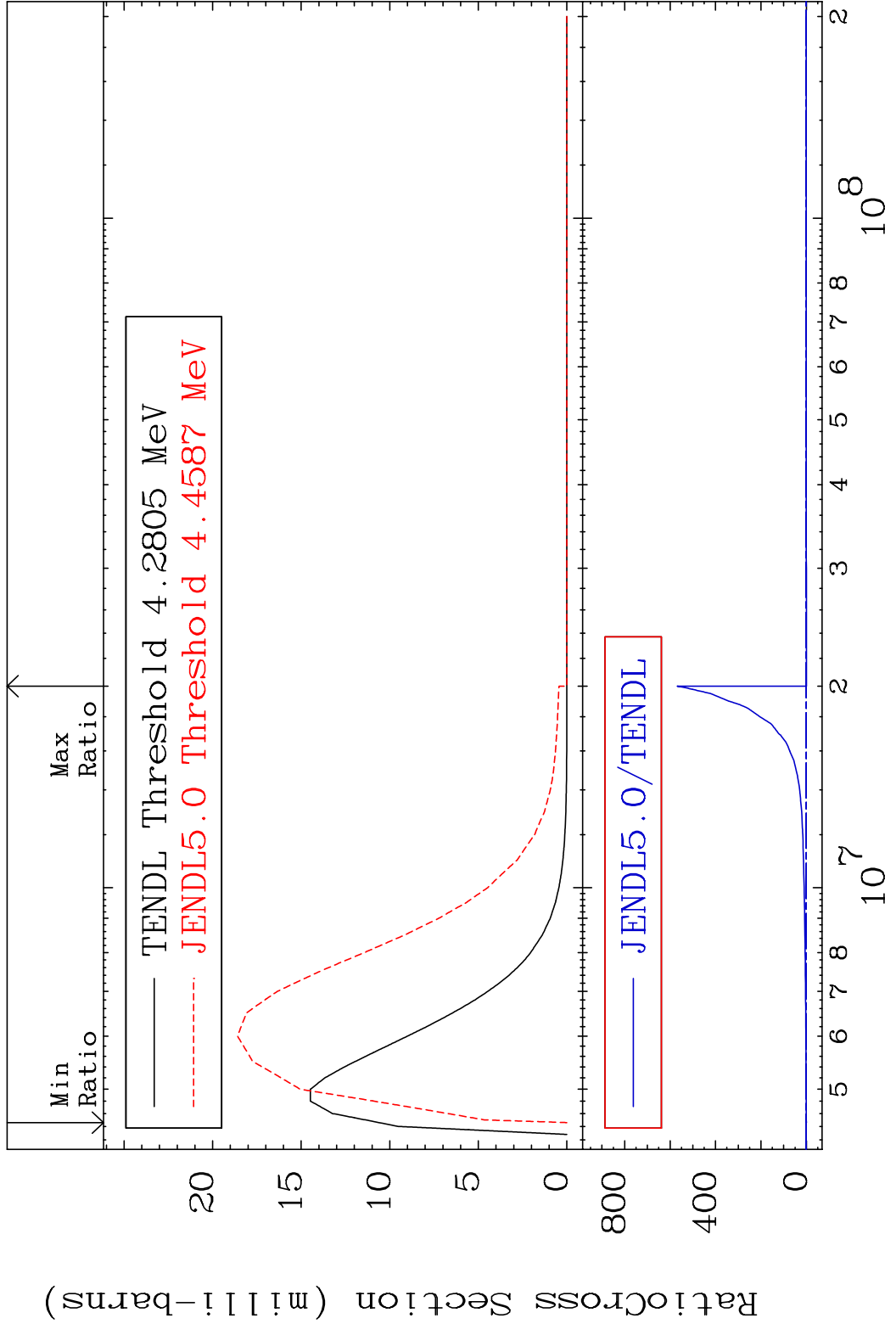
MAT 2031 MT= 66 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 513.9 %



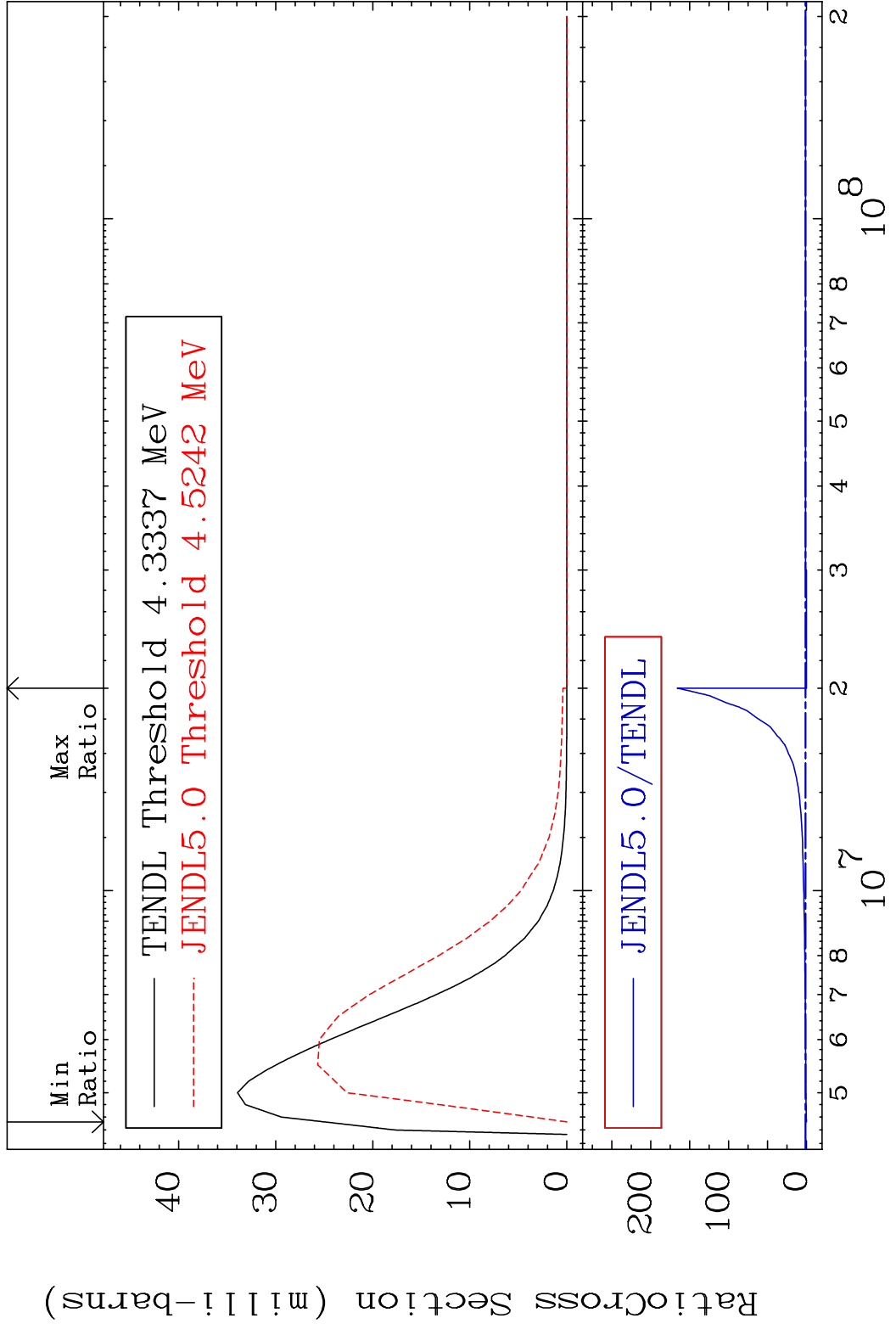
MAT 2031 MT= 67 (n, n') Level 20-Ca-42
 Cross Section -100.0 To 105.2 %



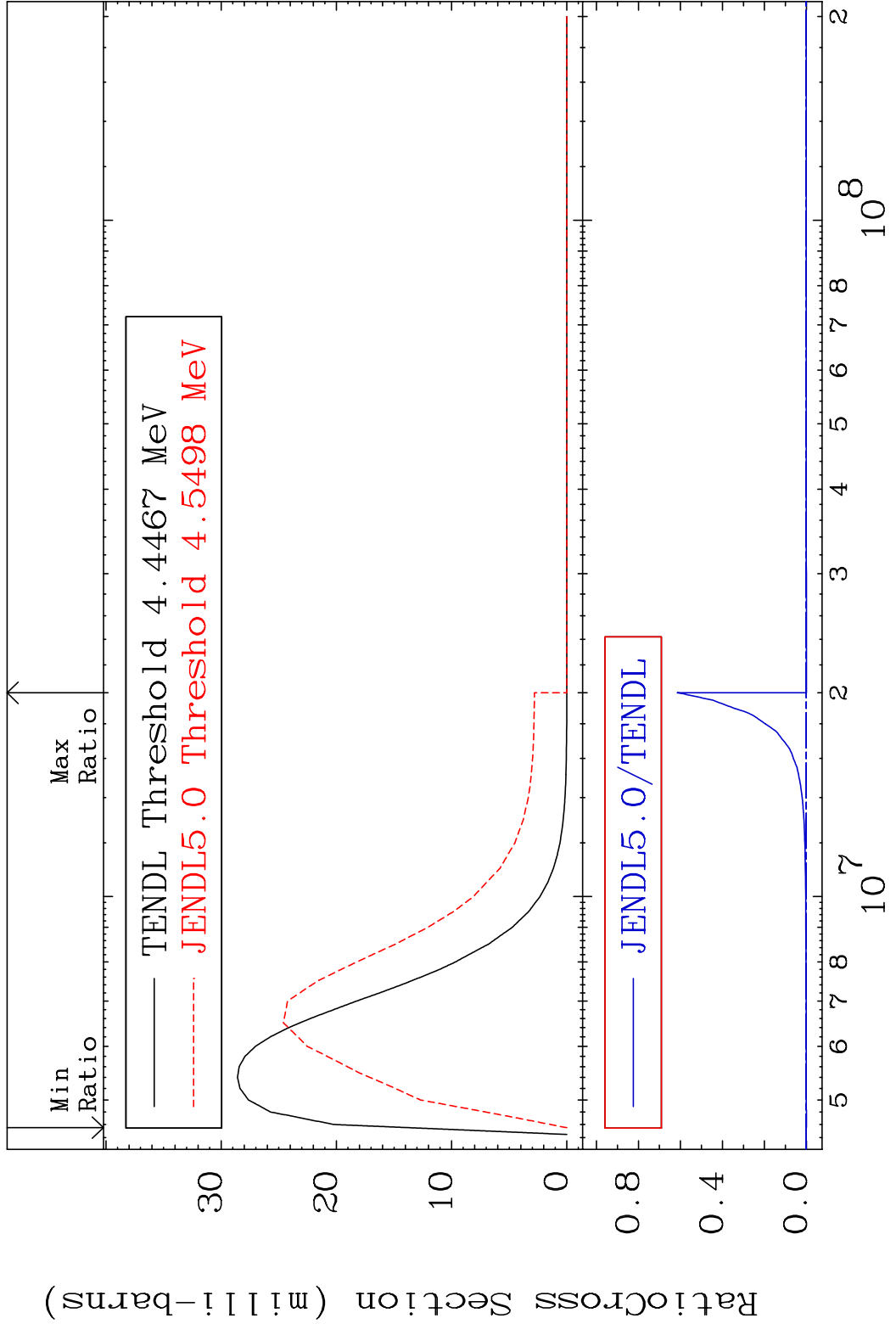
MAT 2031 MT= 68 (n, n') Level 20-Ca-42
 Cross Section -100.0 To 9999. %



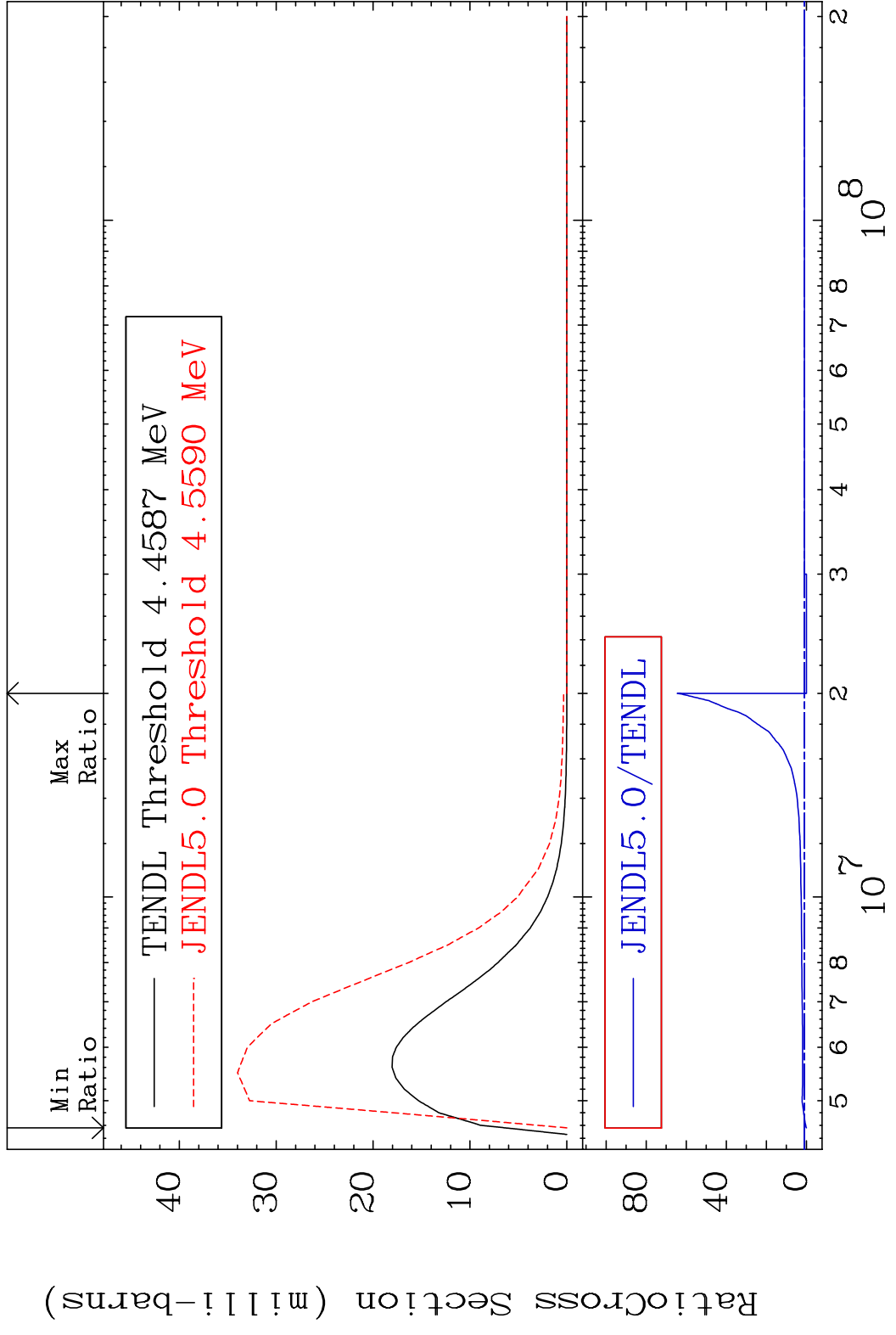
MAT 2031 MT= 69 (n, n') Level 20-Ca-42
 Cross Section -100.0 To 9999. %



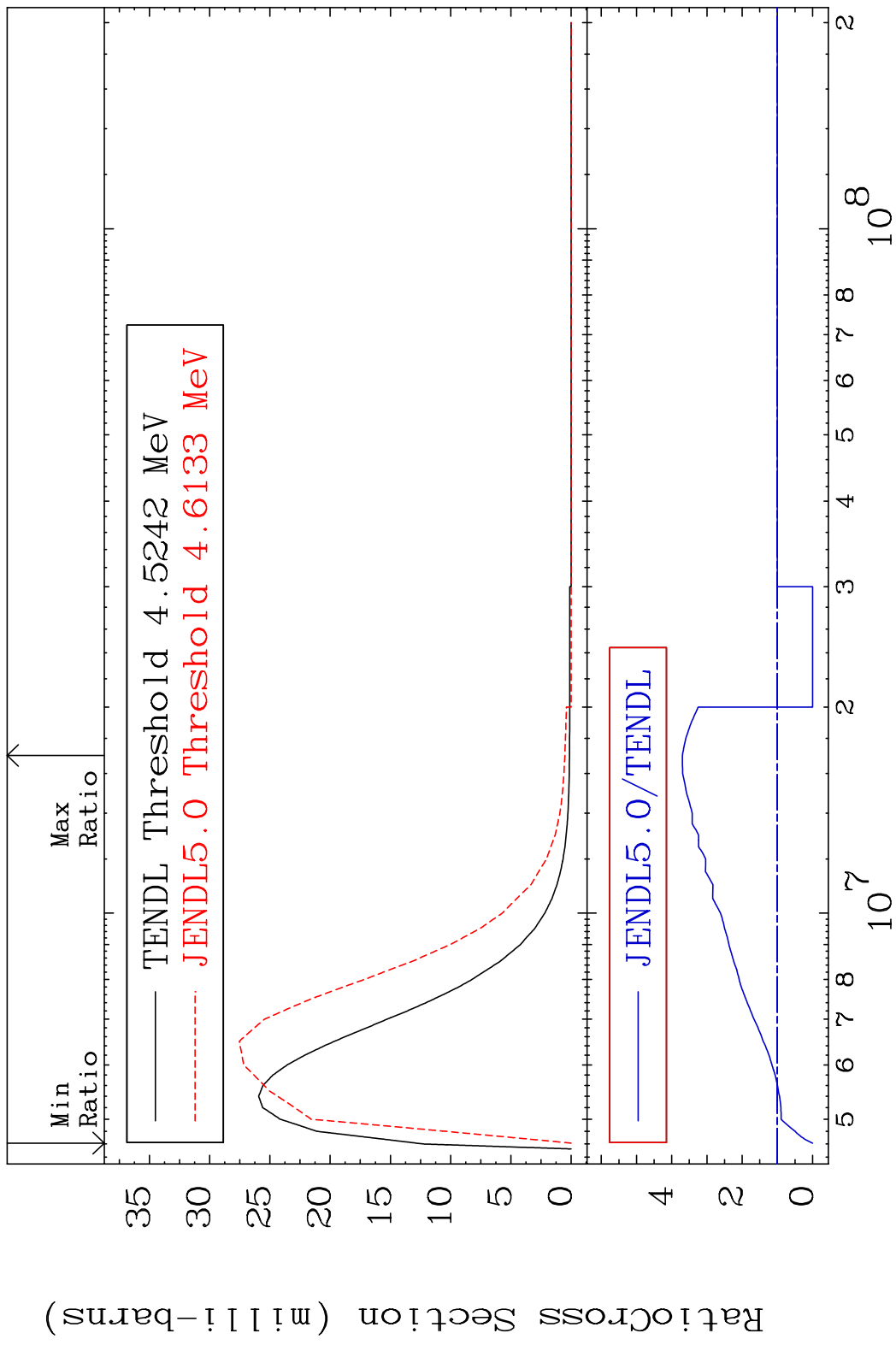
MAT 2031 MT= 70 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 9999. %



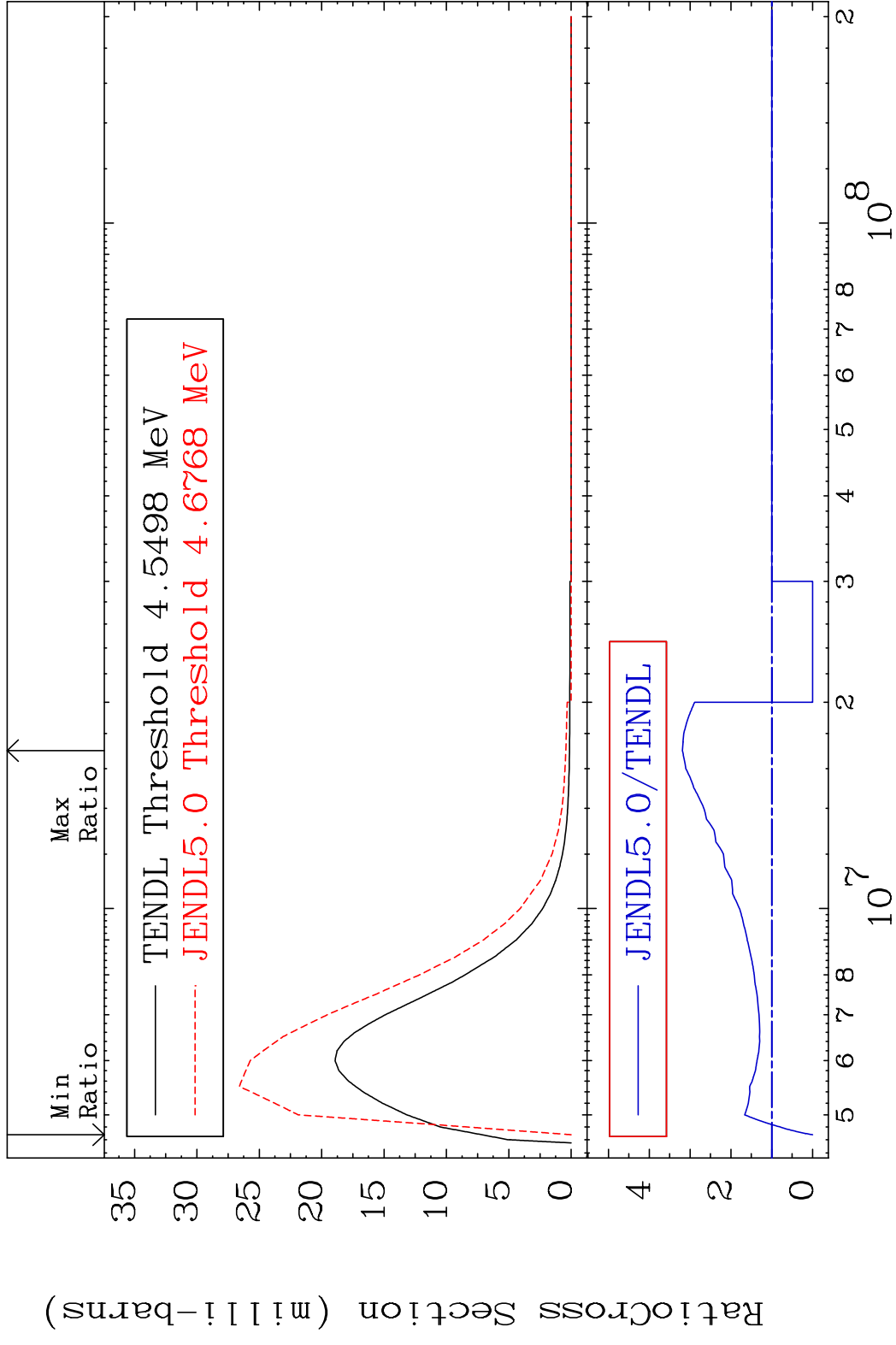
MAT 2031 MT= 71 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 6351. %



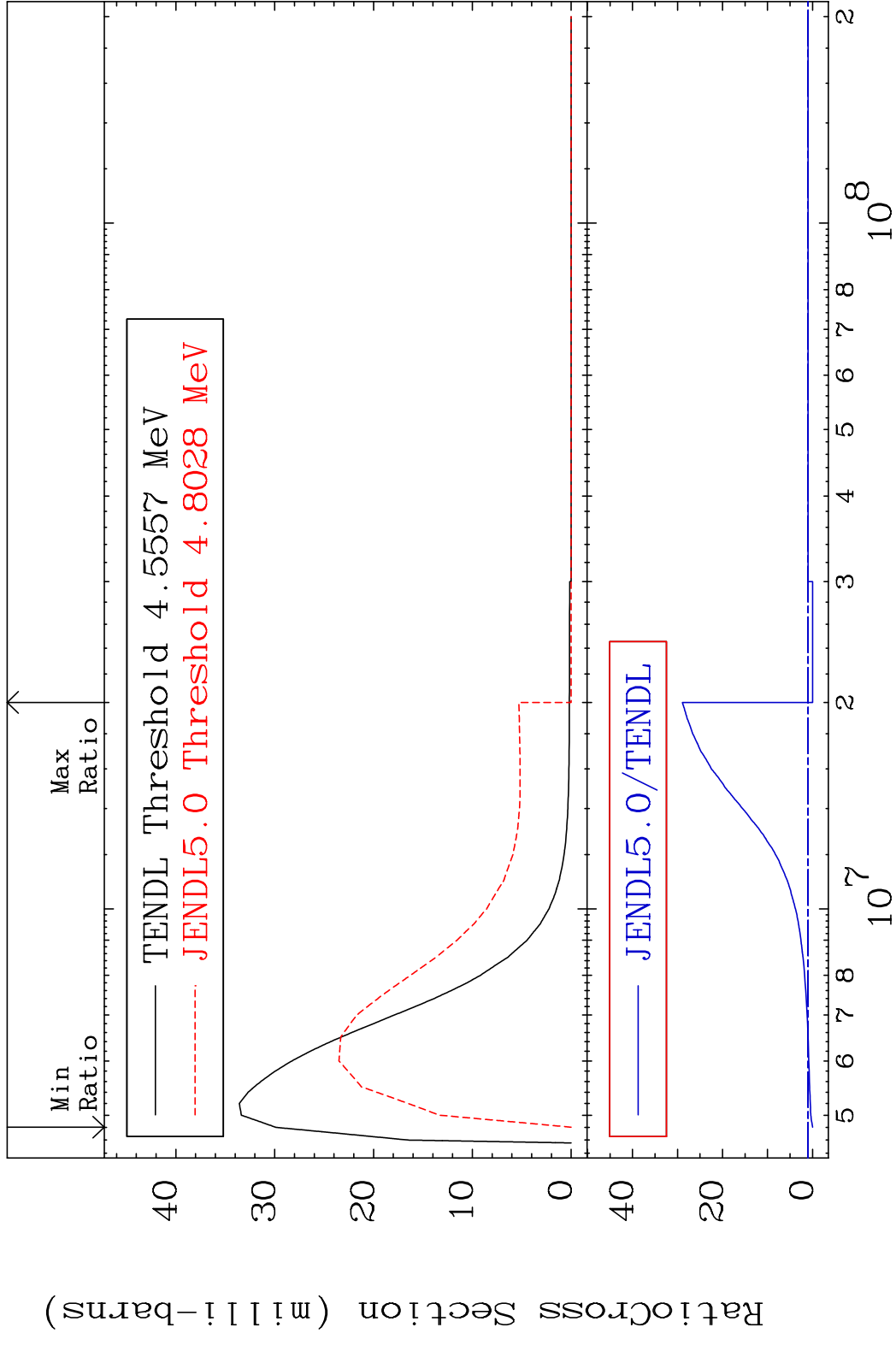
MAT 2031 MT= 72 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 269.8 %



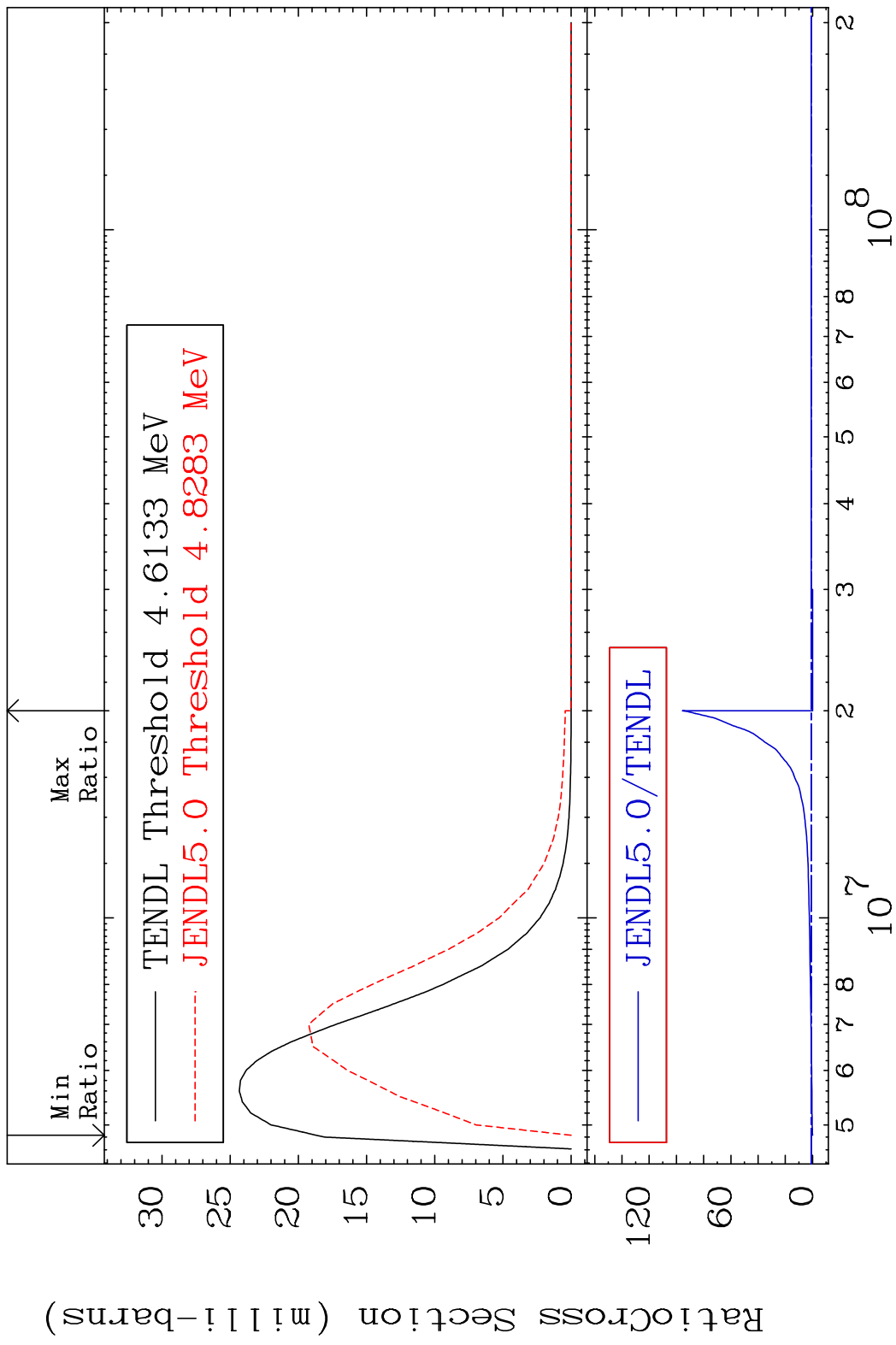
MAT 2031 MT= 73 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 219.0 %



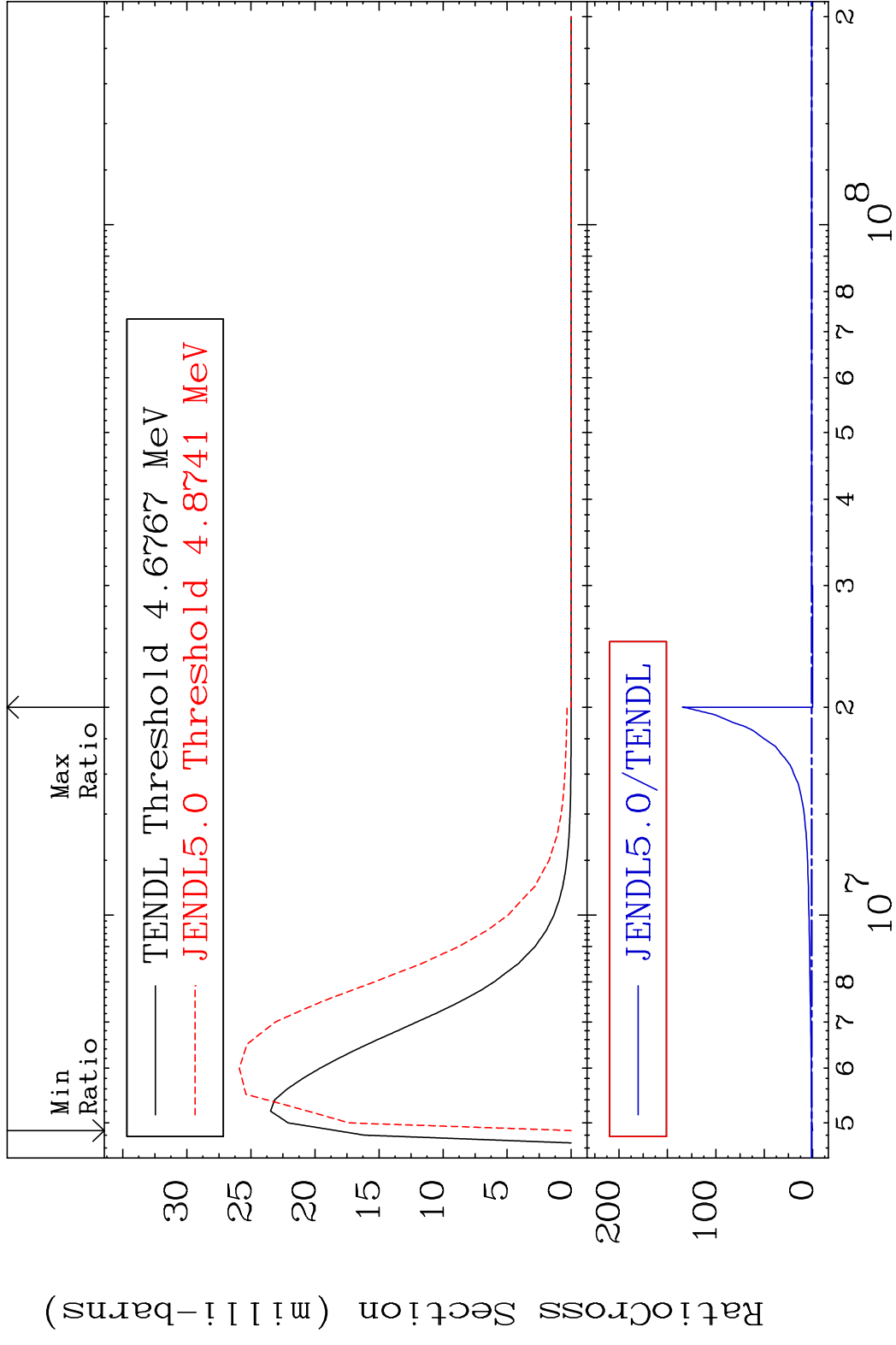
MAT 2031 MT= 74 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 2793. %



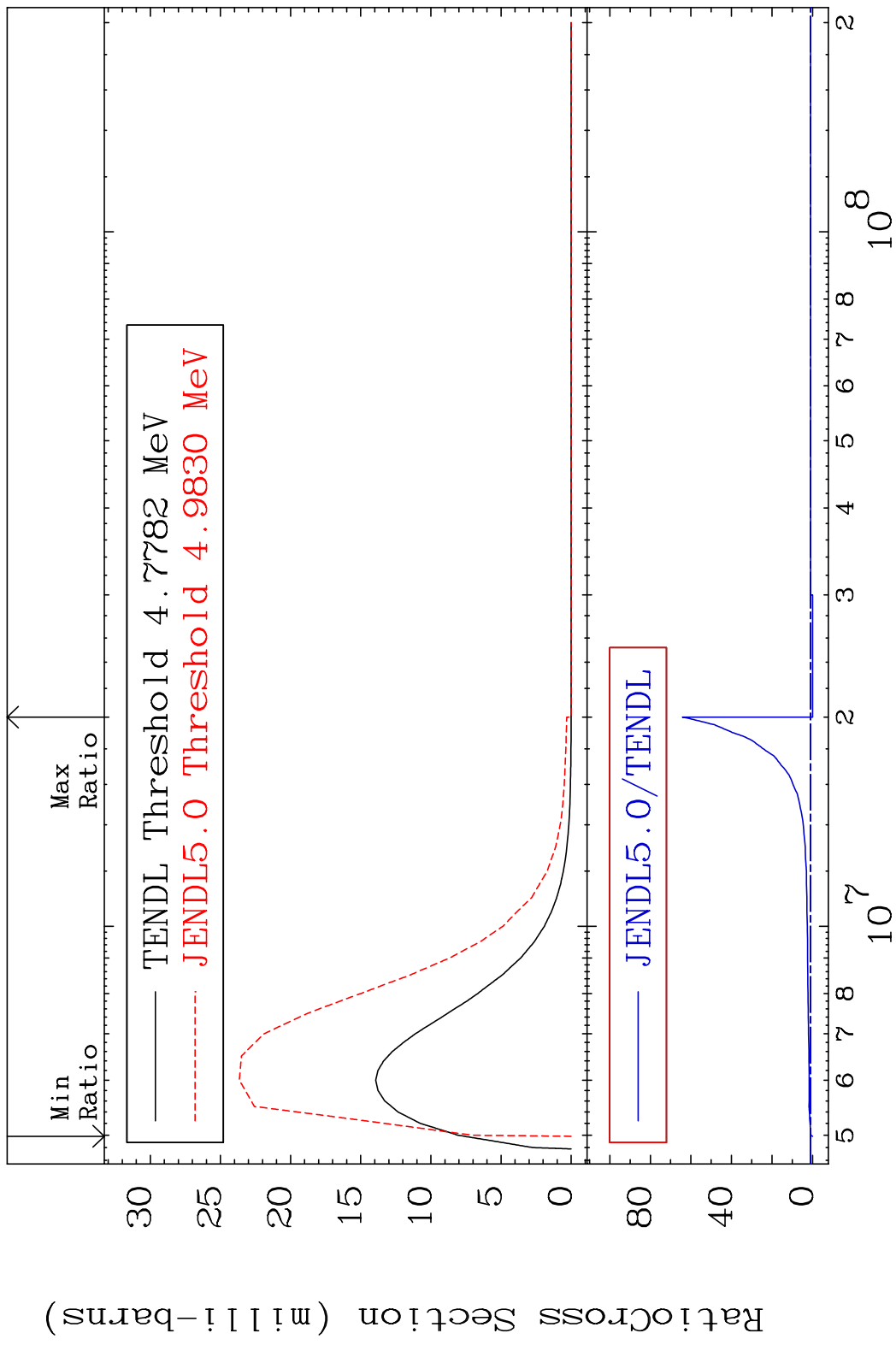
MAT 2031 MT= 75 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 9464. %



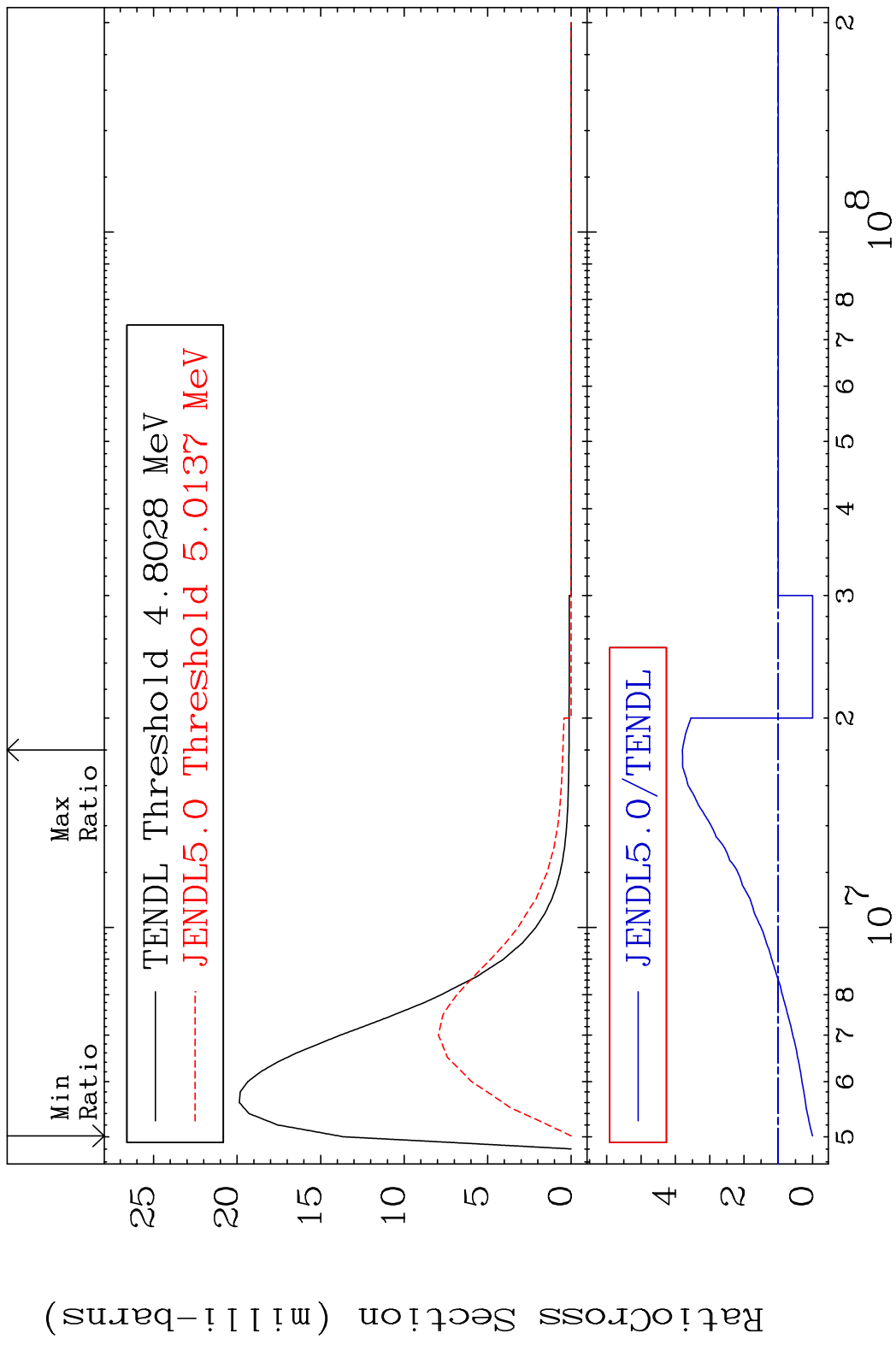
MAT 2031 MT= 76 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 9999. %



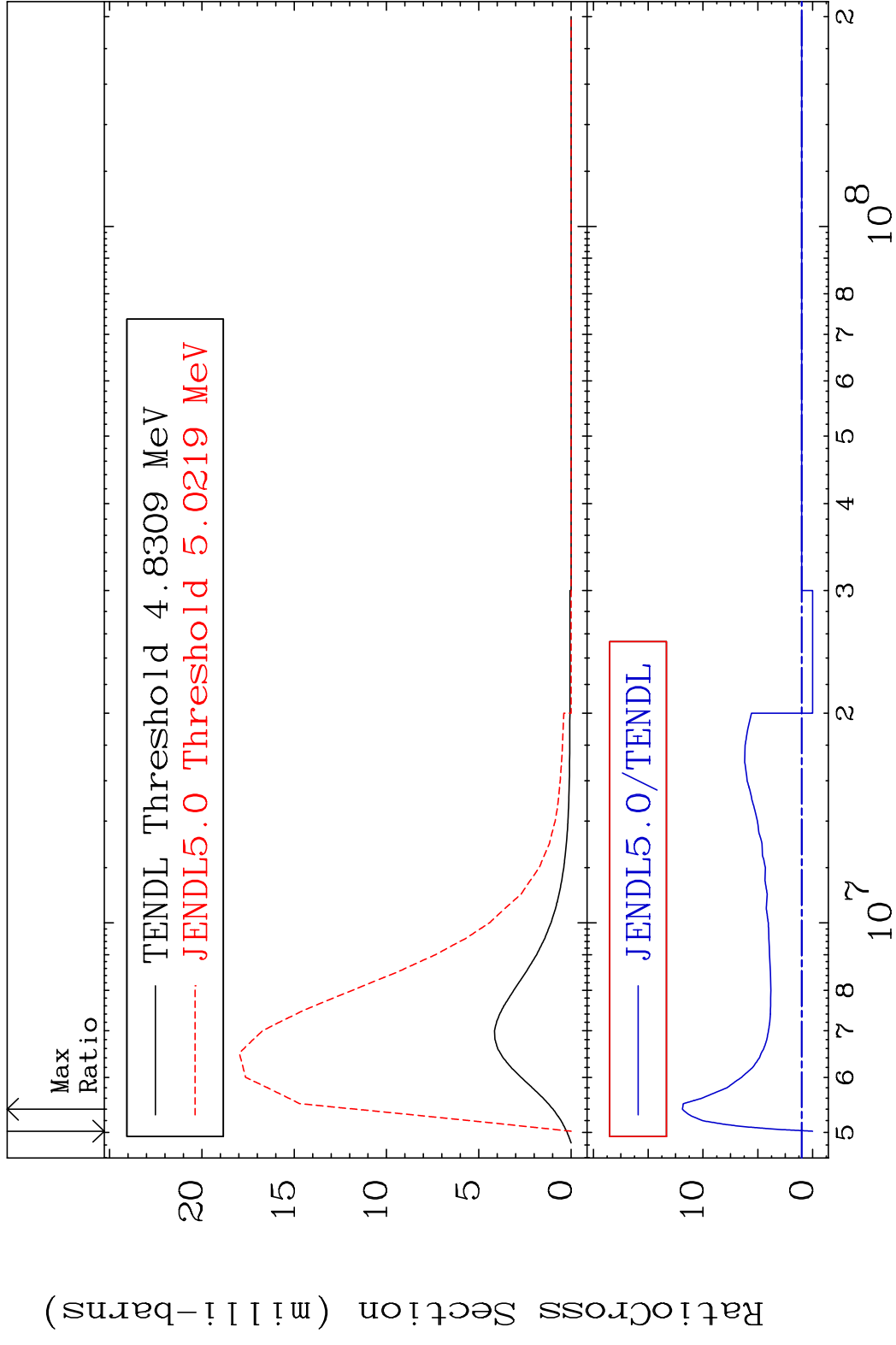
MAT 2031 MT= 77 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 6322. %



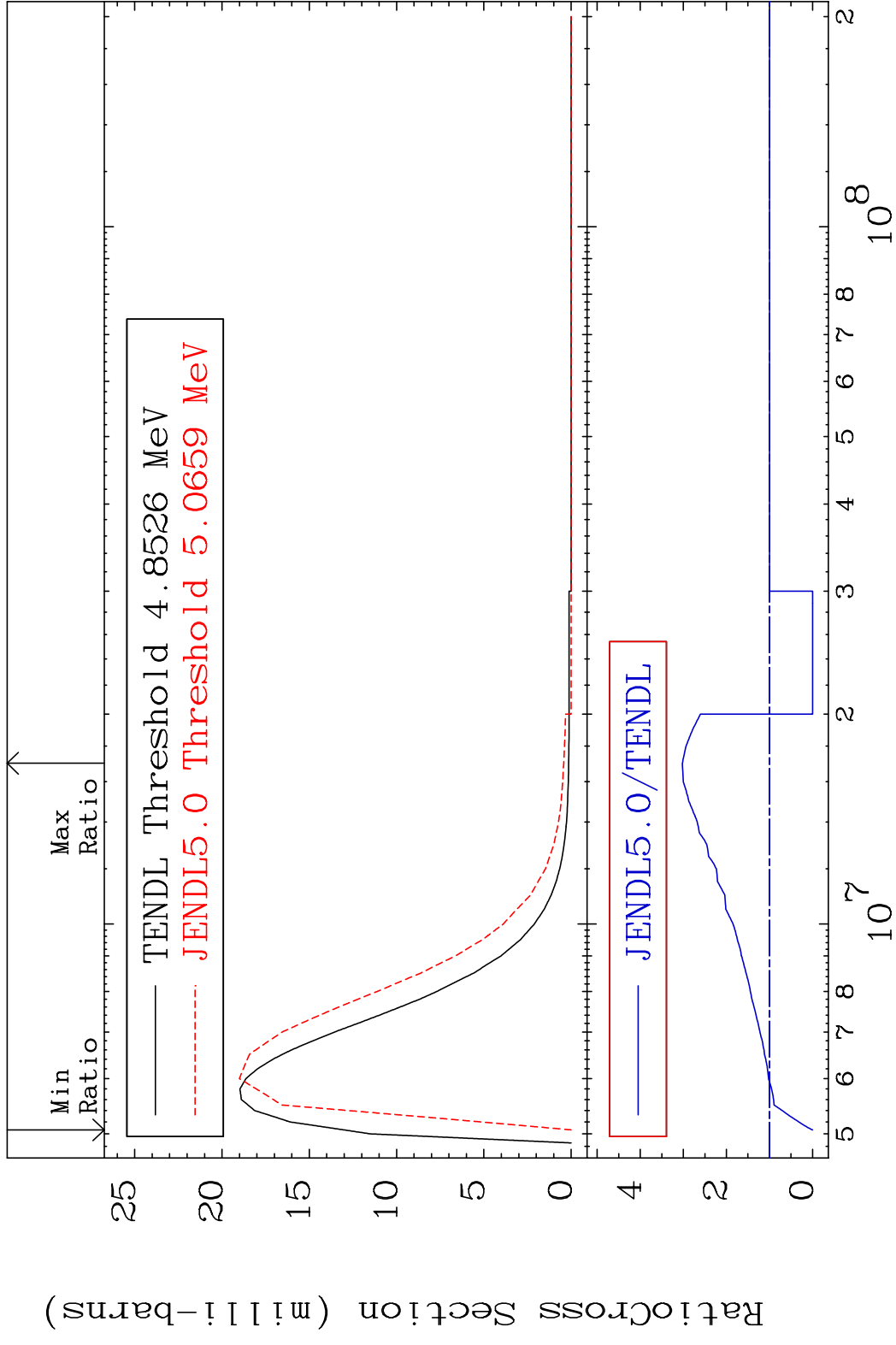
MAT 2031 MT= 78 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 279.6 %



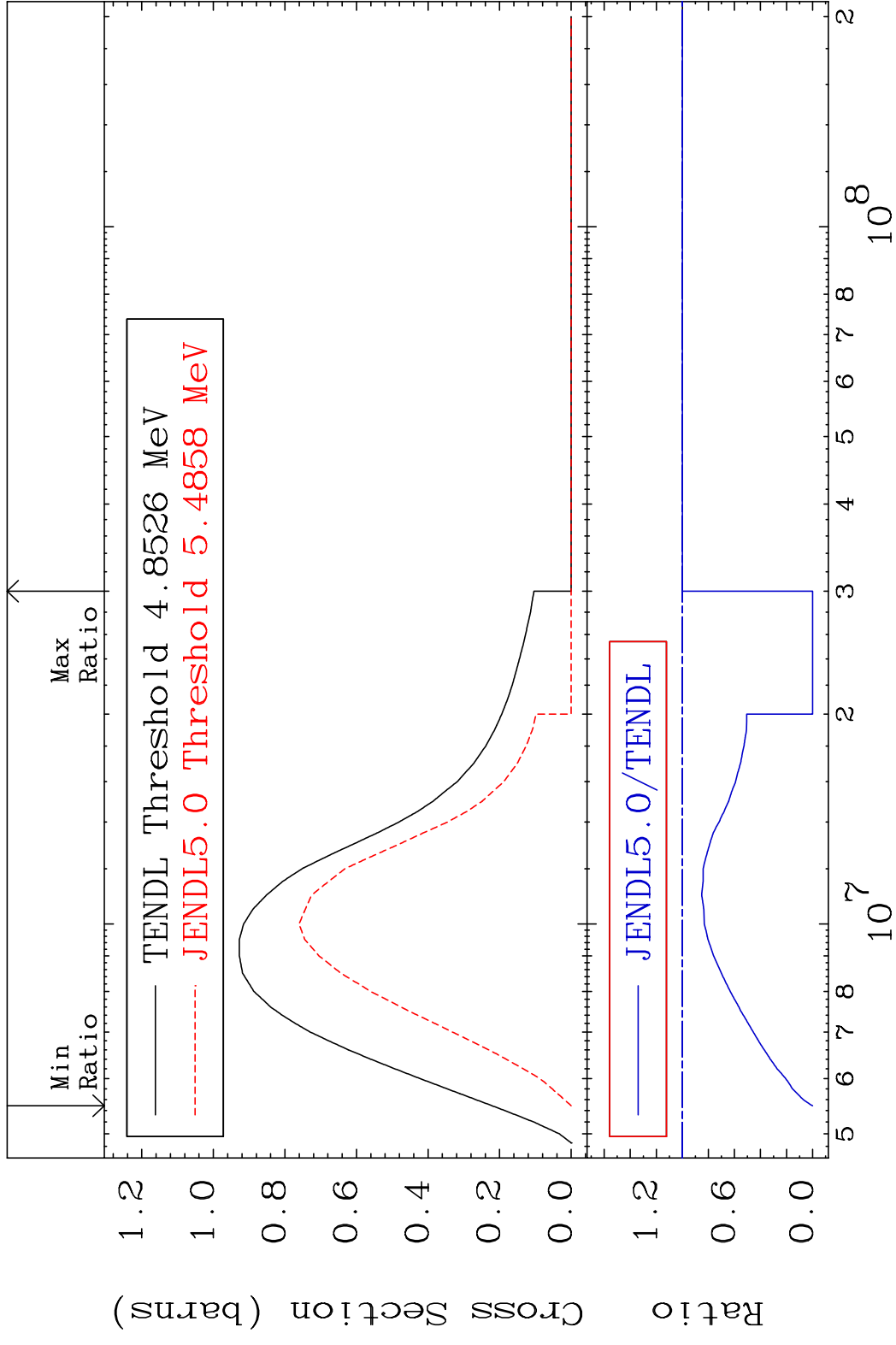
MAT 2031 MT= 79 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 1089. %



MAT 2031 MT= 80 (n, n') Level 20-Ca-42
 Cross Section -100.0 To 202.2 %



MAT 2031 (n,n') Continuum 20-Ca-42
 Cross Section -100.0 To 0.000 %

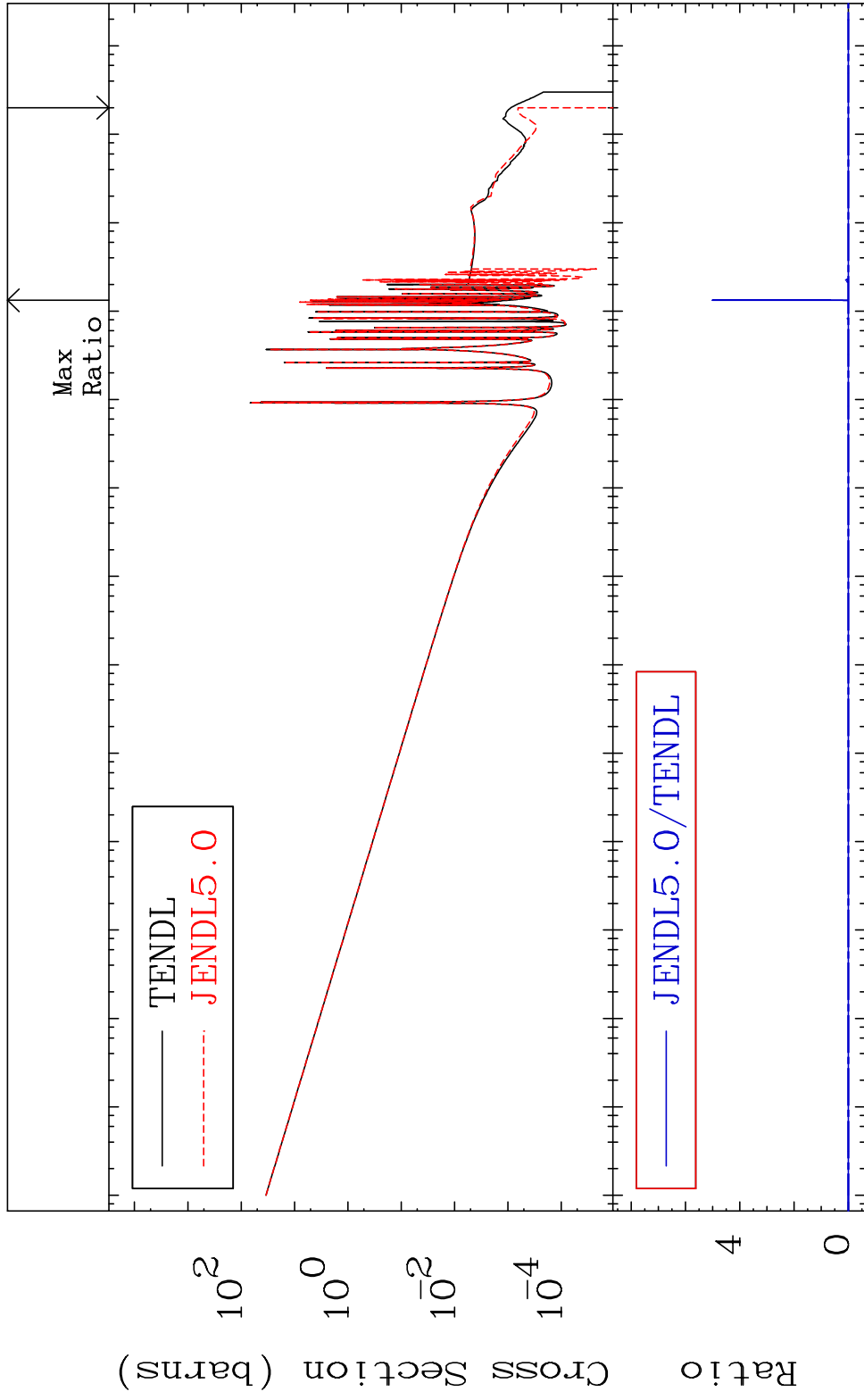


MAT 2031

(n, γ)

20-Ca-42

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

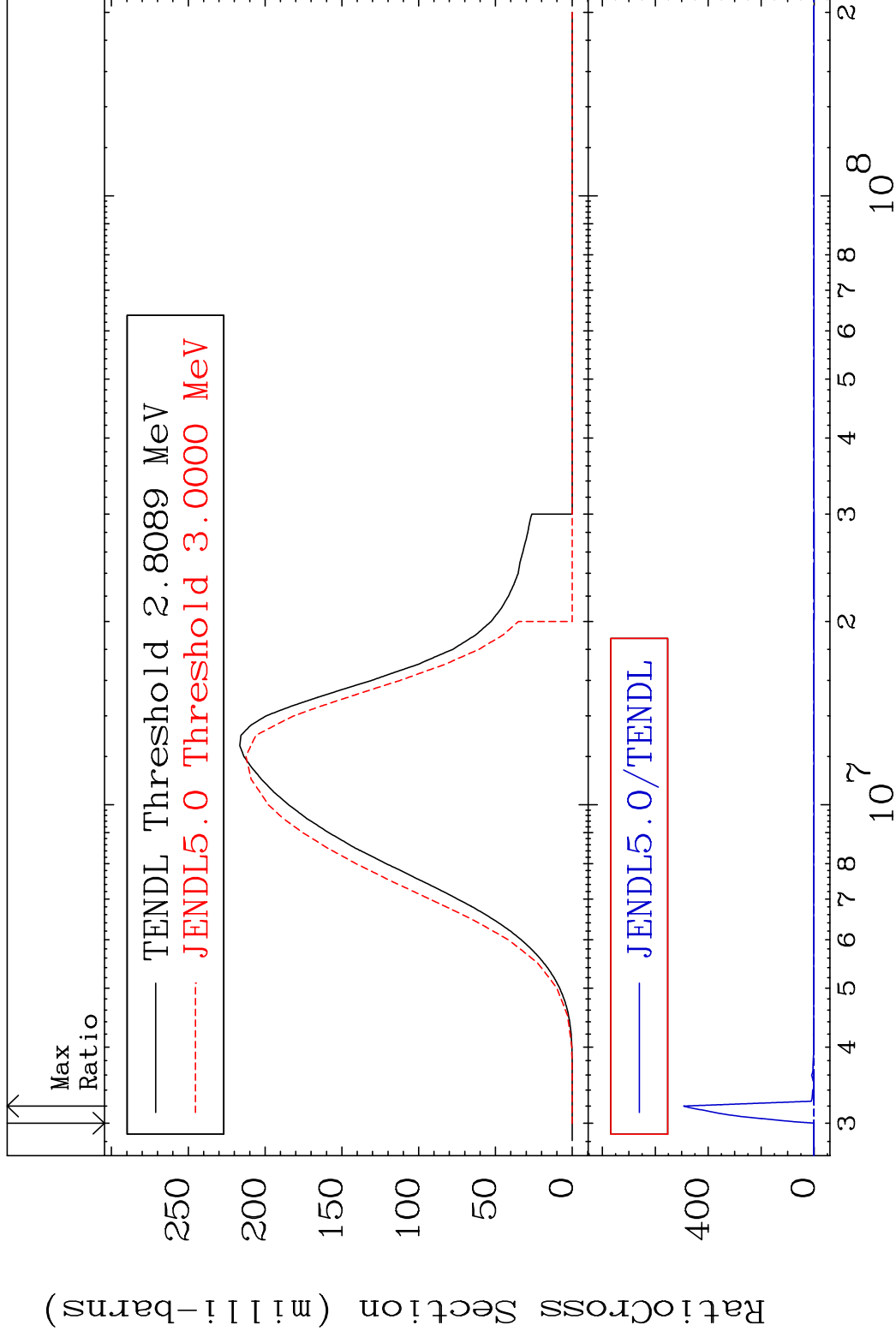
20-Ca-42

MAT 2031

(n,p)

20-Ca-42

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

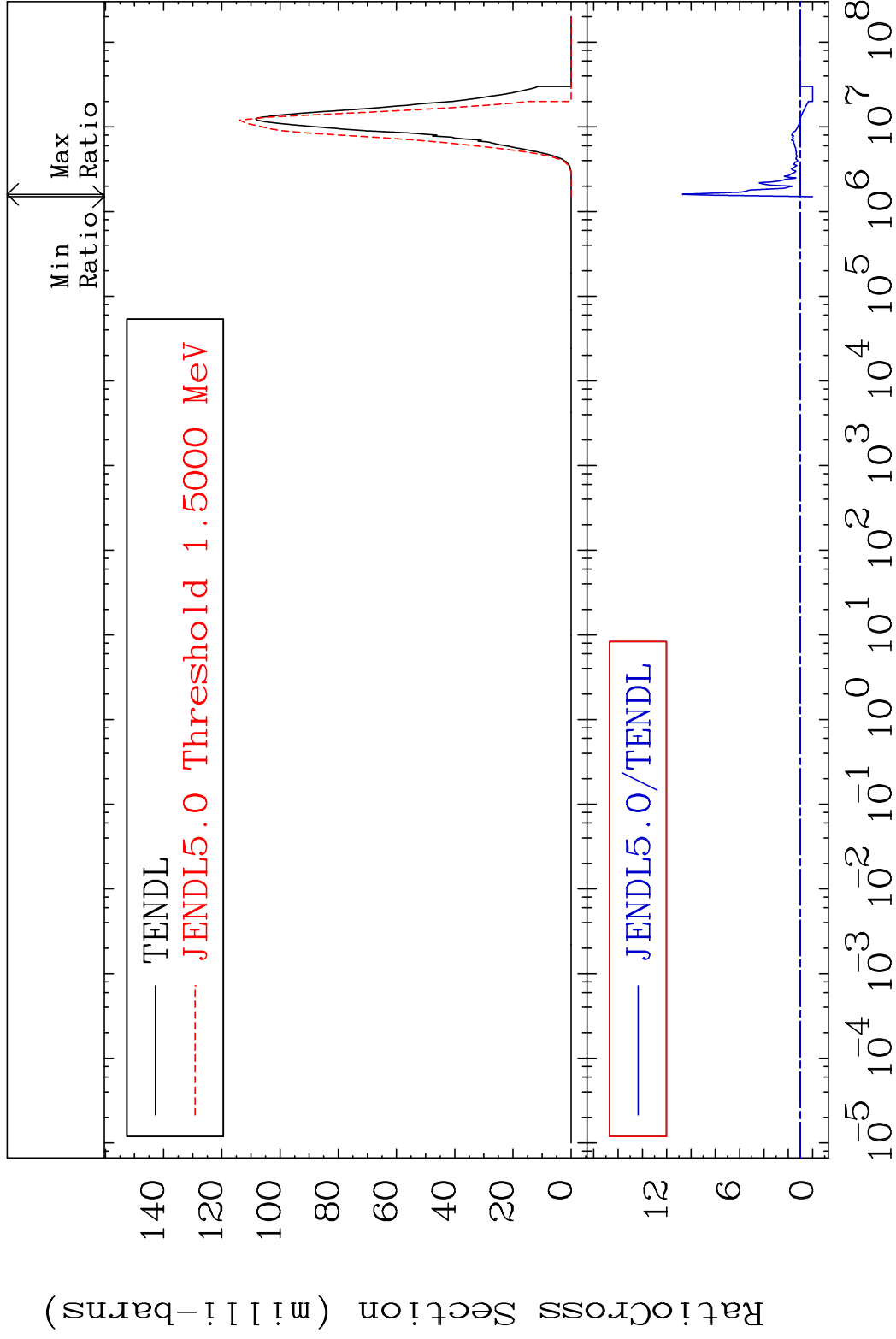
20-Ca-42

MAT 2031

(n, α)

20-Ca-42

Cross Section -100.0 To 971.3 %

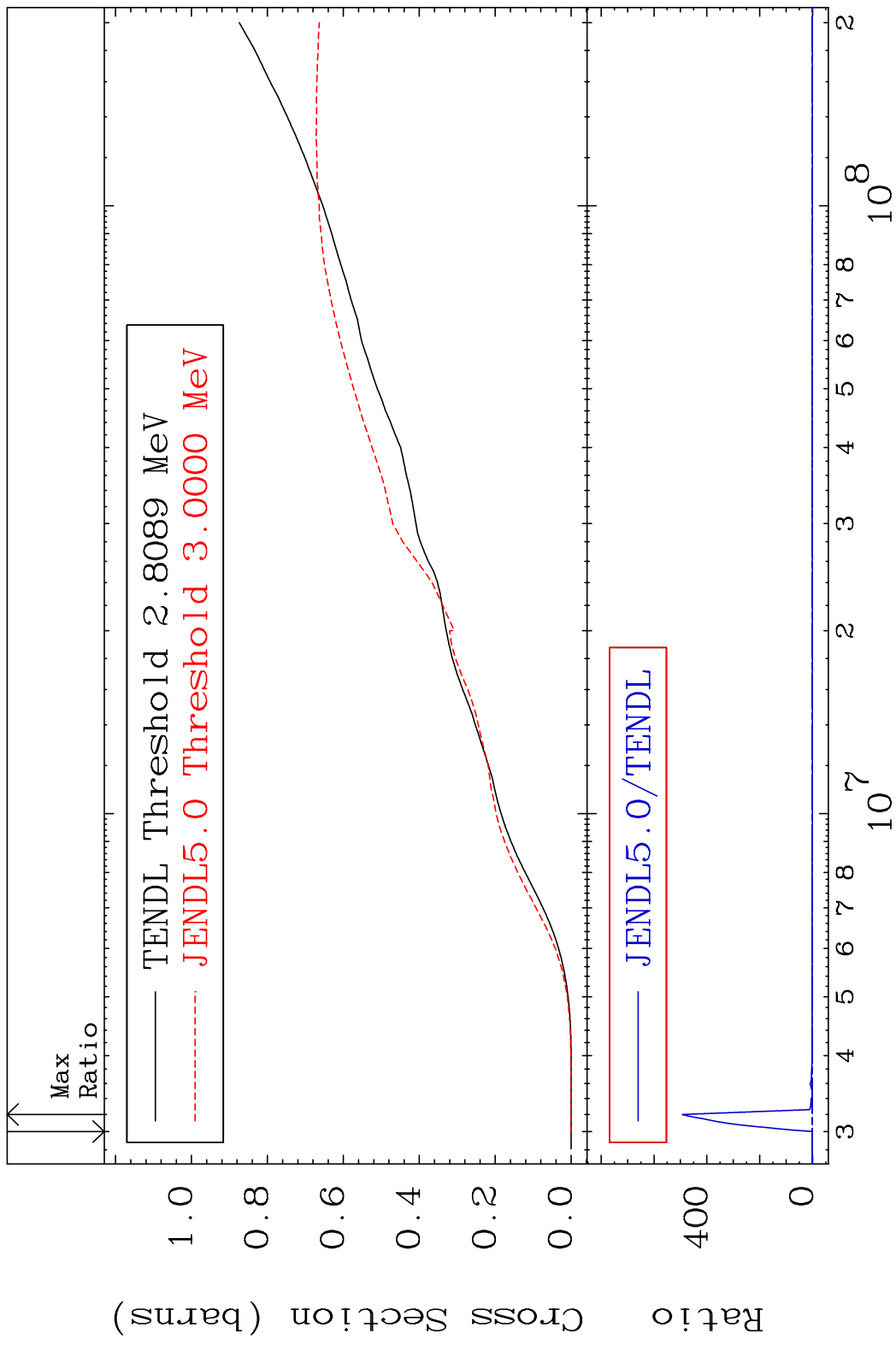


41

Incident Energy (eV)

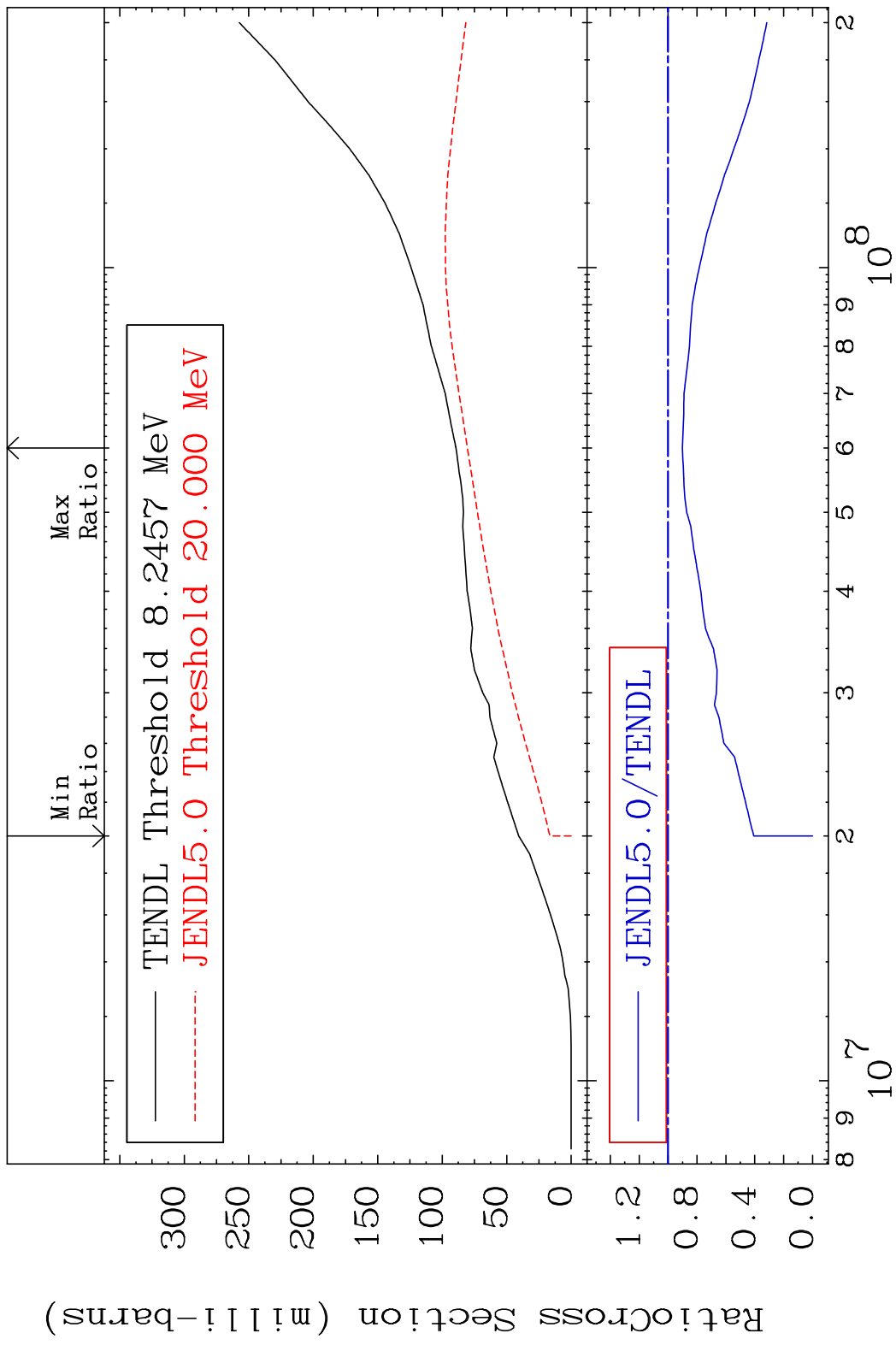
20-Ca-42

MAT 2031 Hydrogen Production 20-Ca-42
 Cross Section -100.0 To 9999. %



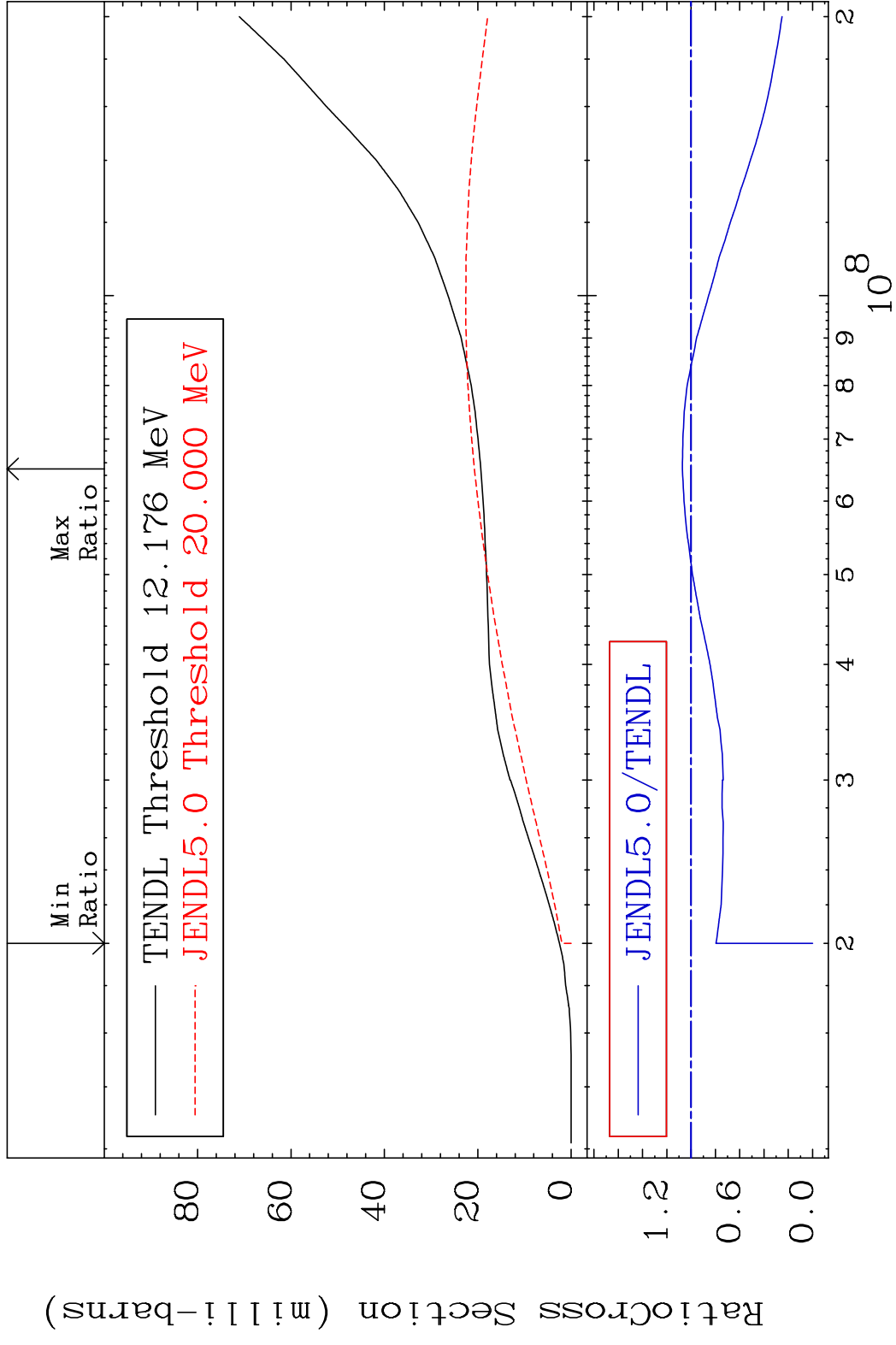
42 Incident Energy (eV) 20-Ca-42

MAT 2031 Deuterium Production 20-Ca-42
 Cross Section -100.0 To -9.858%

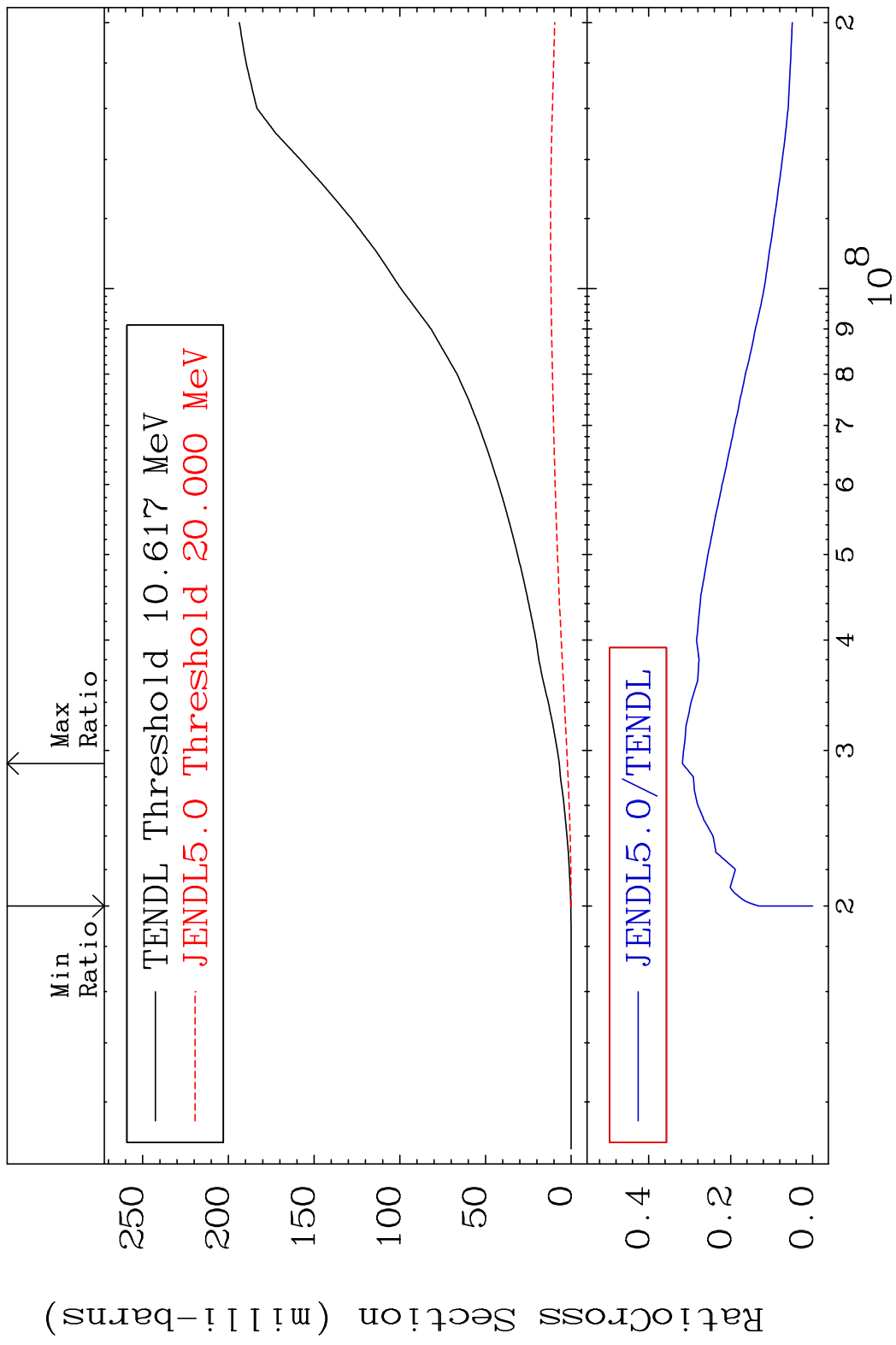


43 20-Ca-42

MAT 2031 Tritium Production 20-Ca-42
 Cross Section -100.0 To 7.218 %



MAT 2031 He-3 Production 20-Ca-42
 Cross Section -100.0 To -68.21%

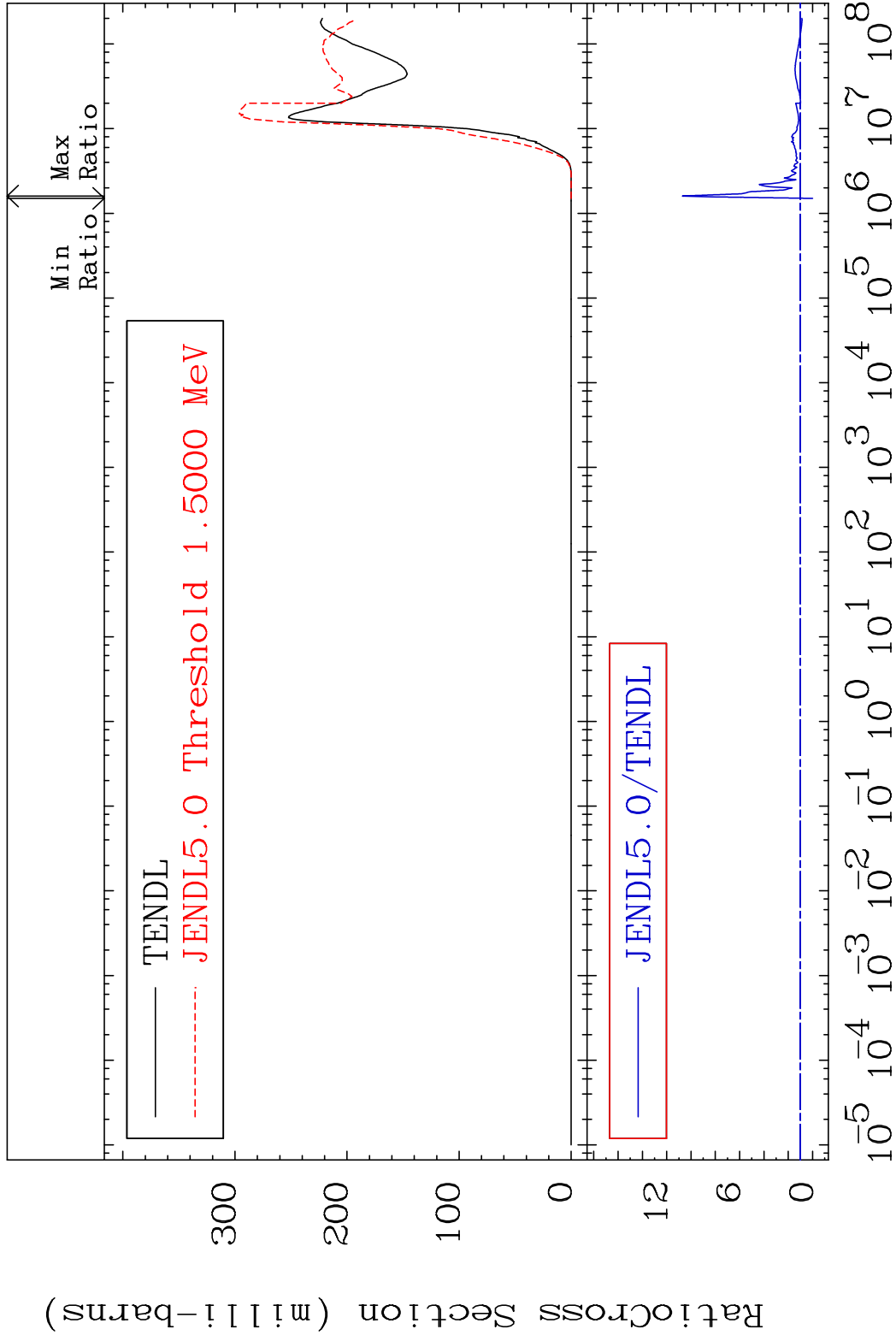


MAT 2031

He-4 Production

20-Ca-42

Cross Section -100.0 To 971.3 %

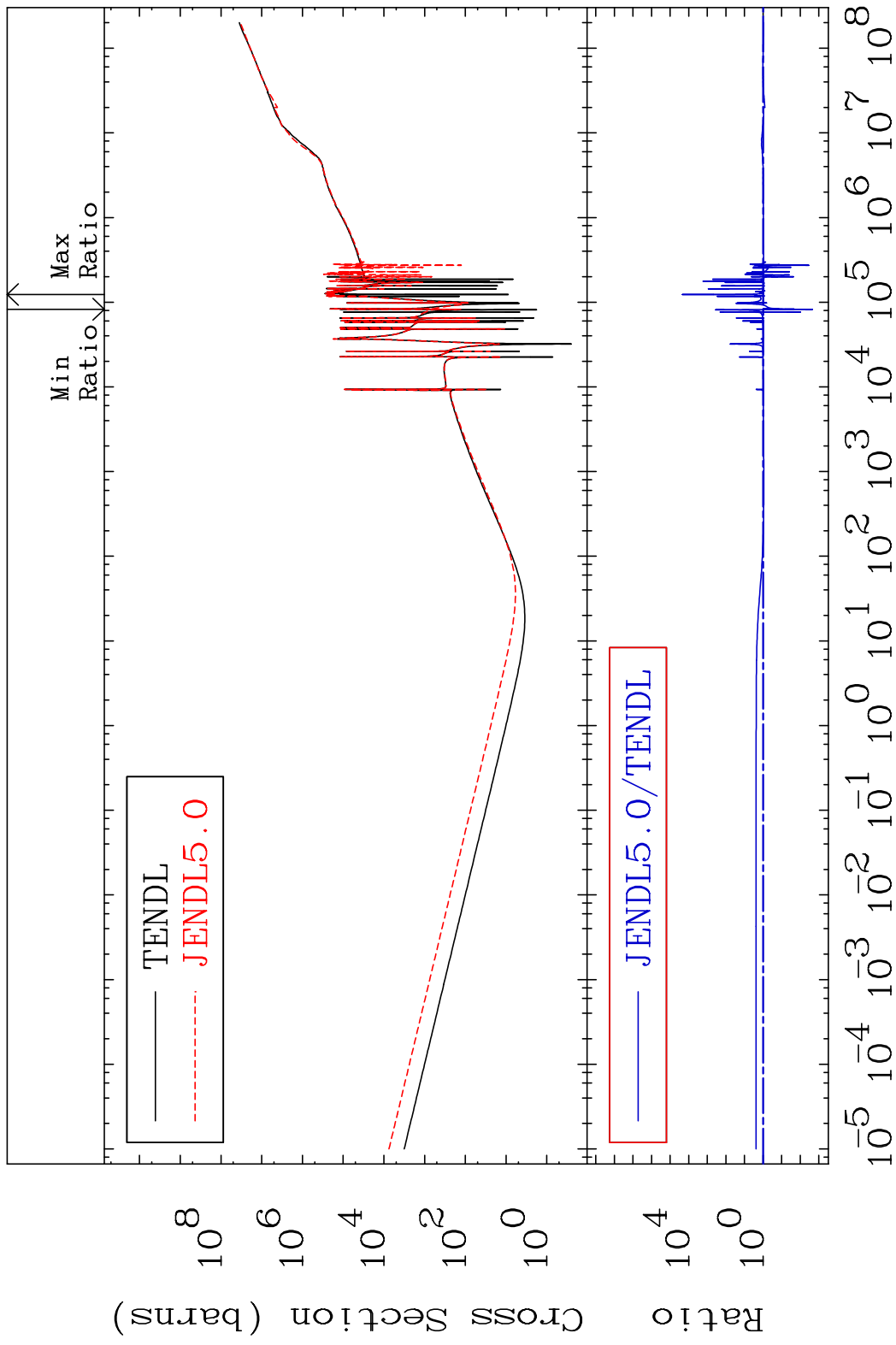


46

Incident Energy (eV)

20-Ca-42

MAT 2031 Kerma total (eV-barns) 20-Ca-42
 Cross Section -99.78 To 9999. %

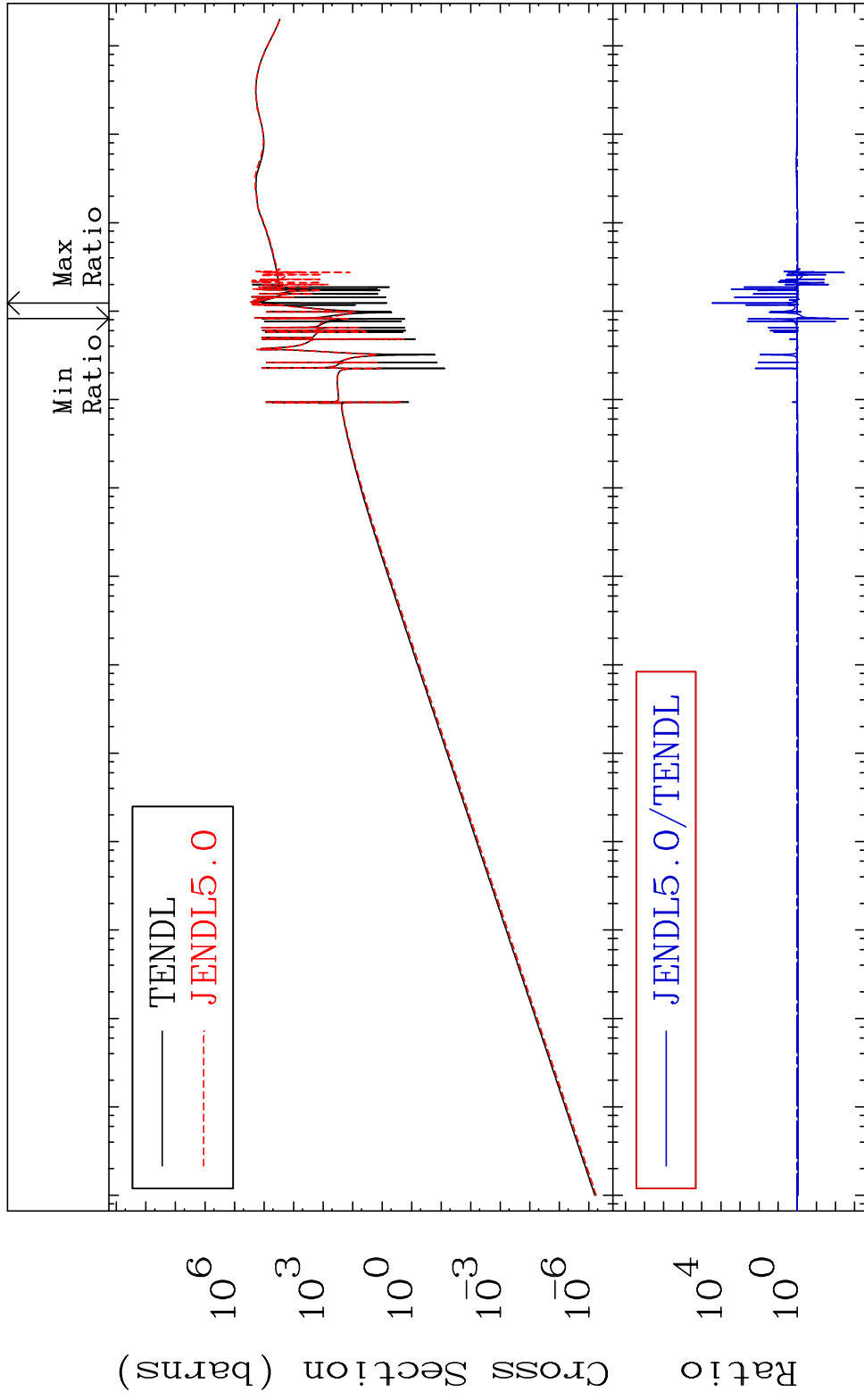


47 Incident Energy (eV) 20-Ca-42

MAT 2031

Kerma elastic
Cross Section

20-Ca-42
-99.79 To 9999. %

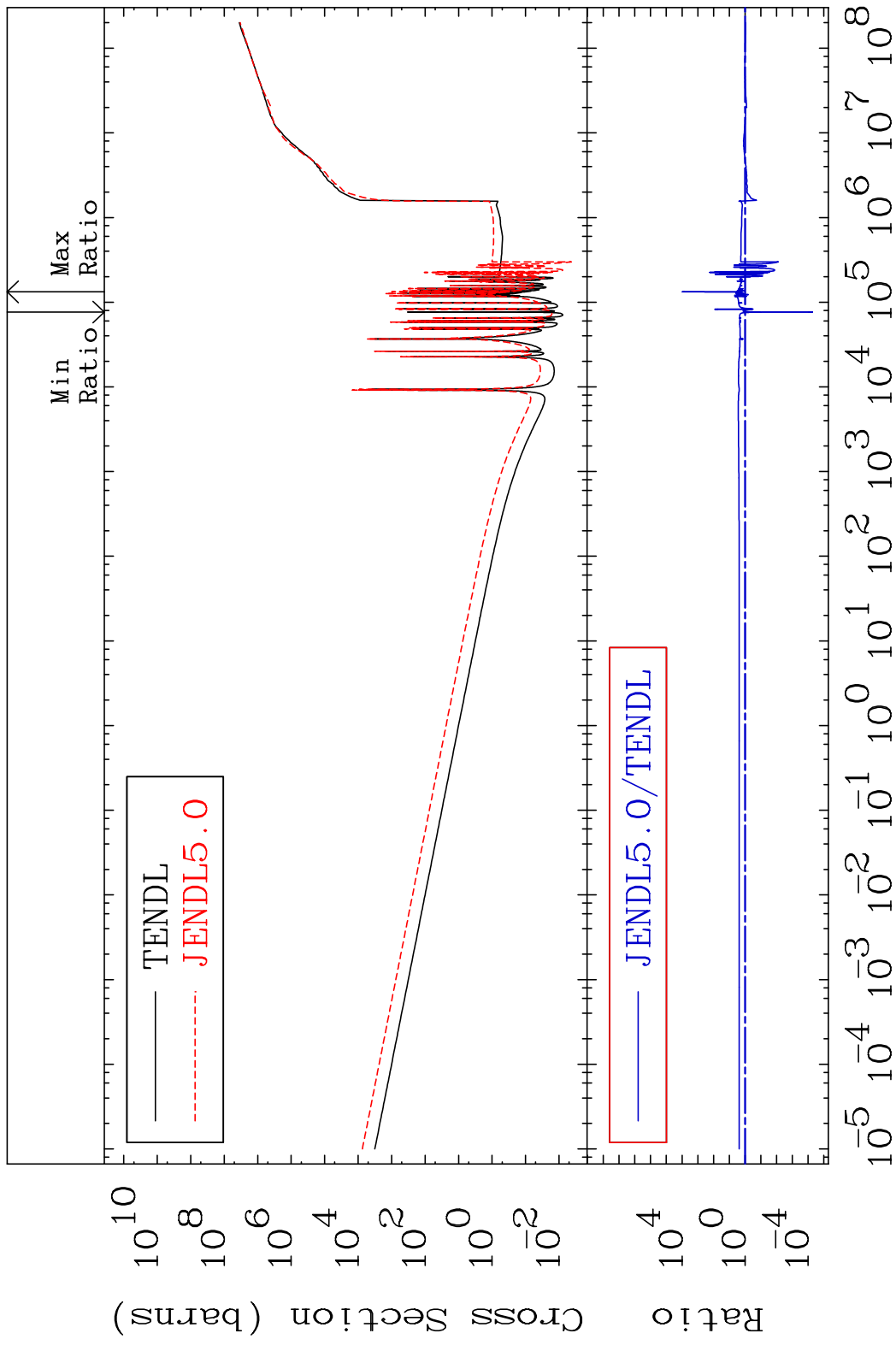


48

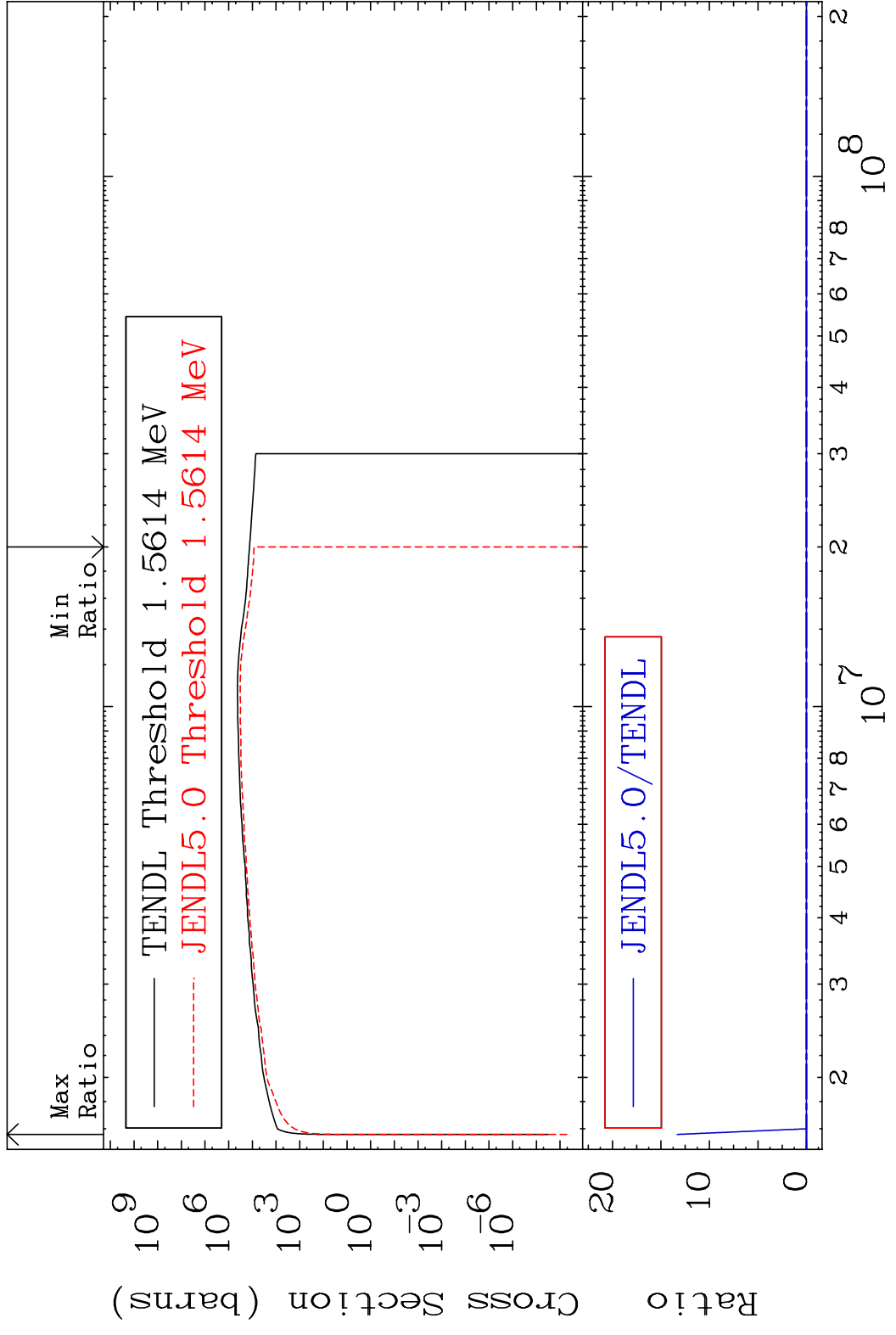
Incident Energy (eV)

20-Ca-42

MAT 2031 Kerma non-elastic (all but mt2) 20-Ca-42
Cross Section -99.99 To 9999. %

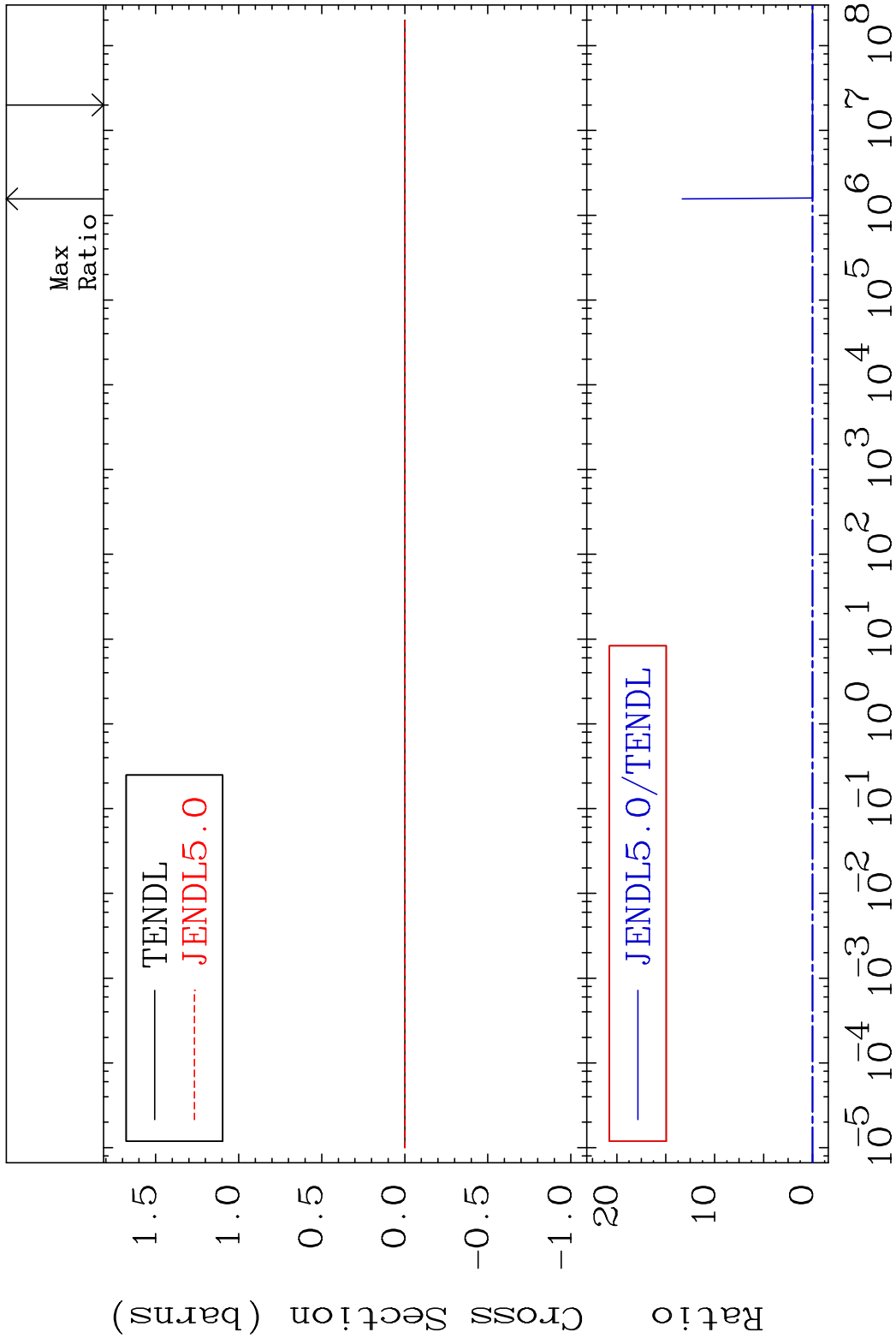


MAT 2031 Kerma inelastic (mt51-91) 20-Ca-42
 Cross Section -100.0 To 9999. %

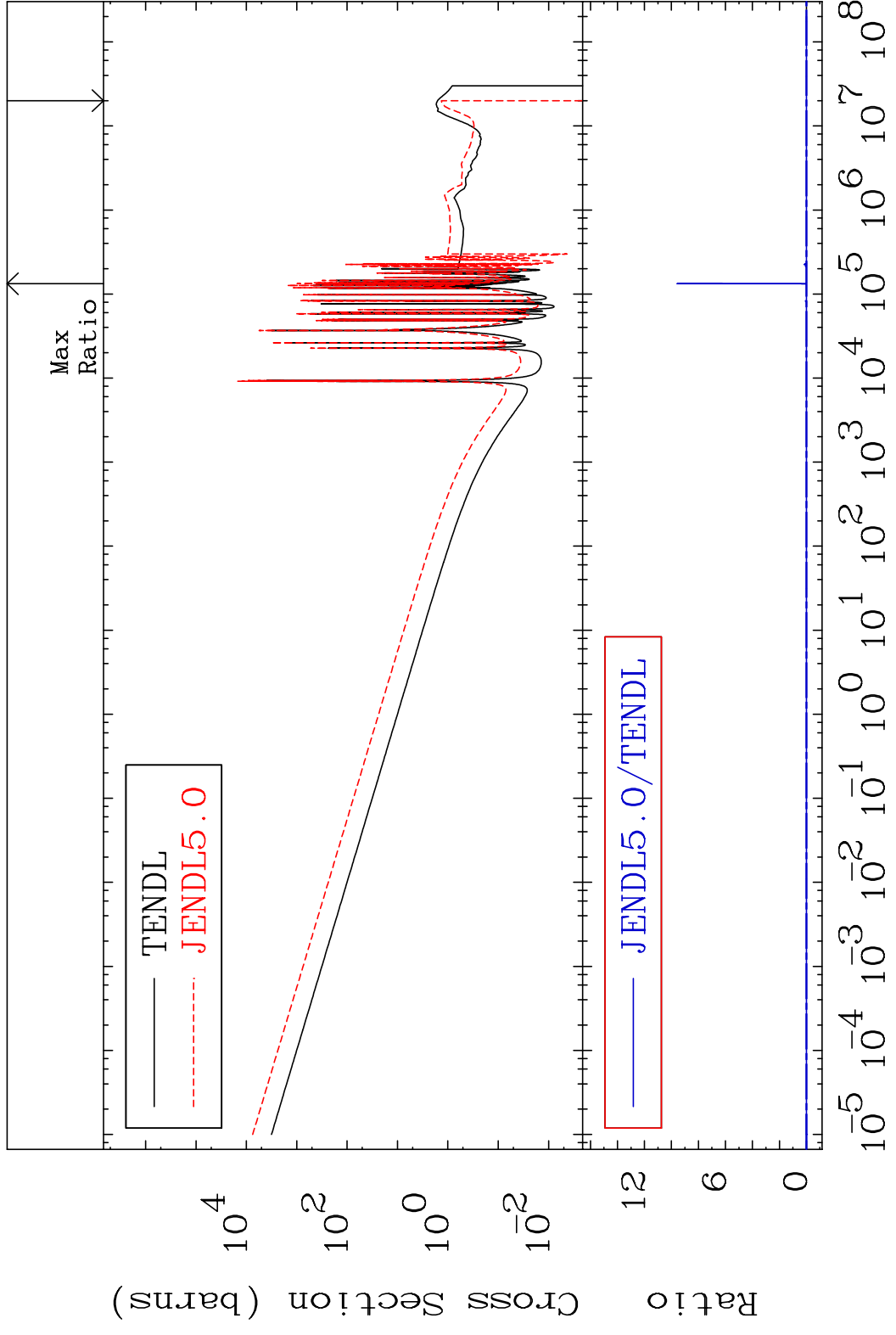


50 Incident Energy (eV) 20-Ca-42

MAT 2031 Kerma fission (mt18 or mt19-20-21-38) 20-Ca-42
 Cross Section -100.0 To 9999. %

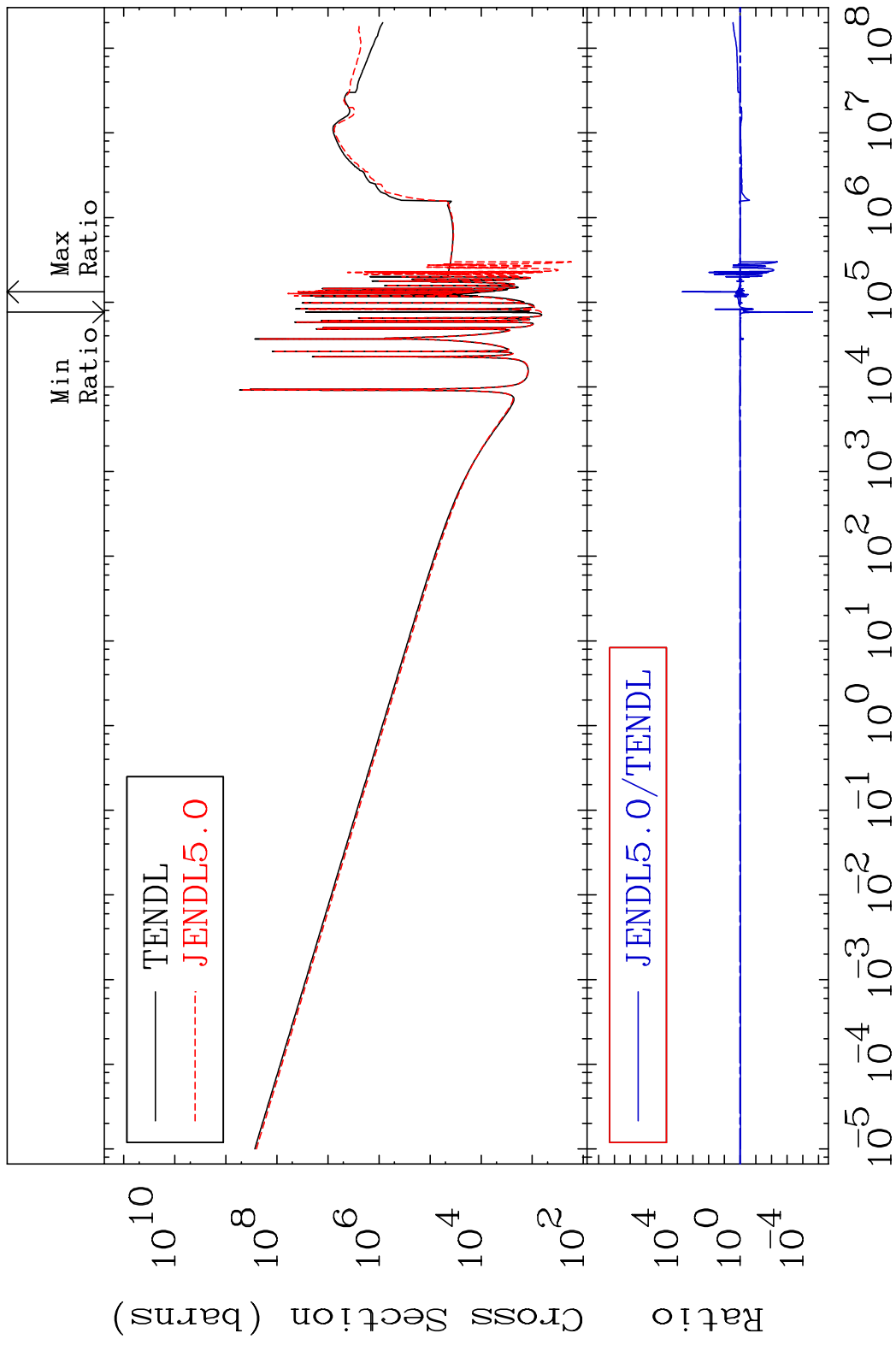


MAT 2031 Kerma capture (mt102) 20-Ca-42
 Cross Section -100.0 To 9999. %



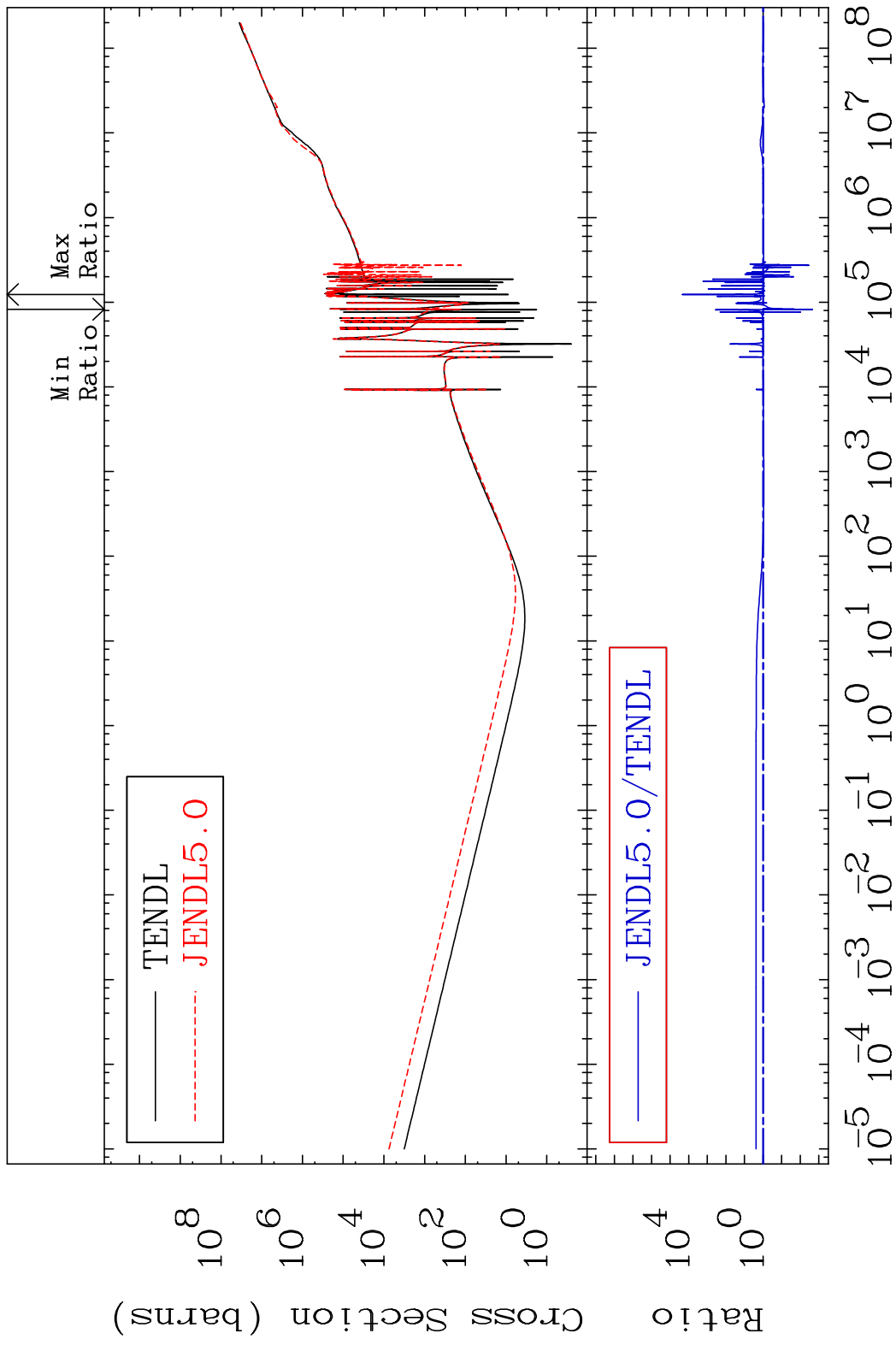
52 Incident Energy (eV) 20-Ca-42

MAT 2031 Total photon (eV-barns) 20-Ca-42
Cross Section -100.0 To 9999. %

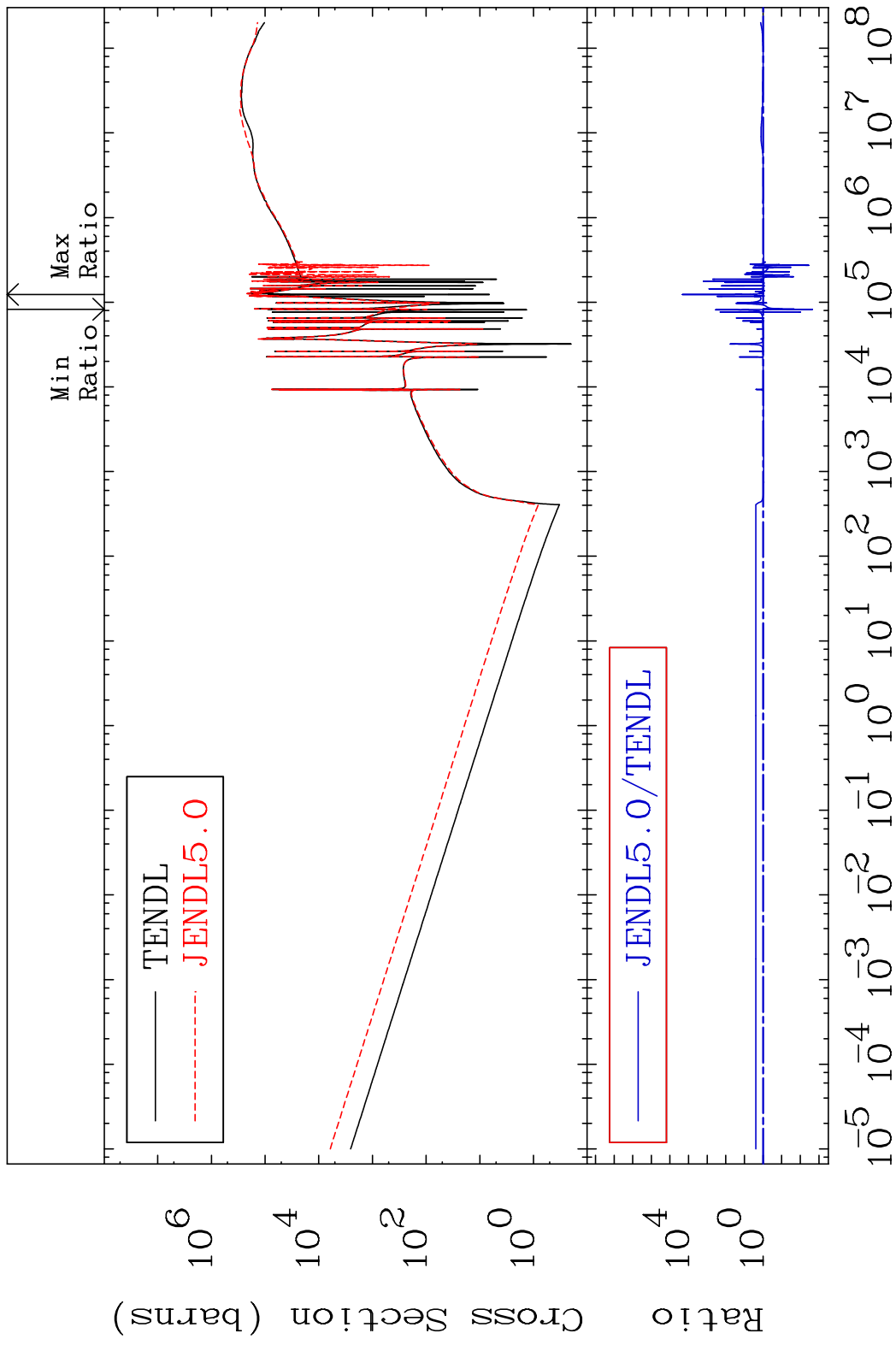


53 Incident Energy (eV) 20-Ca-42

MAT 2031 Total kinematic kerma (high limit) 20-Ca-42
 Cross Section -99.78 To 9999. %



MAT 2031 Dpa total (eV-barns) 20-Ca-42
 Cross Section -99.78 To 9999. %

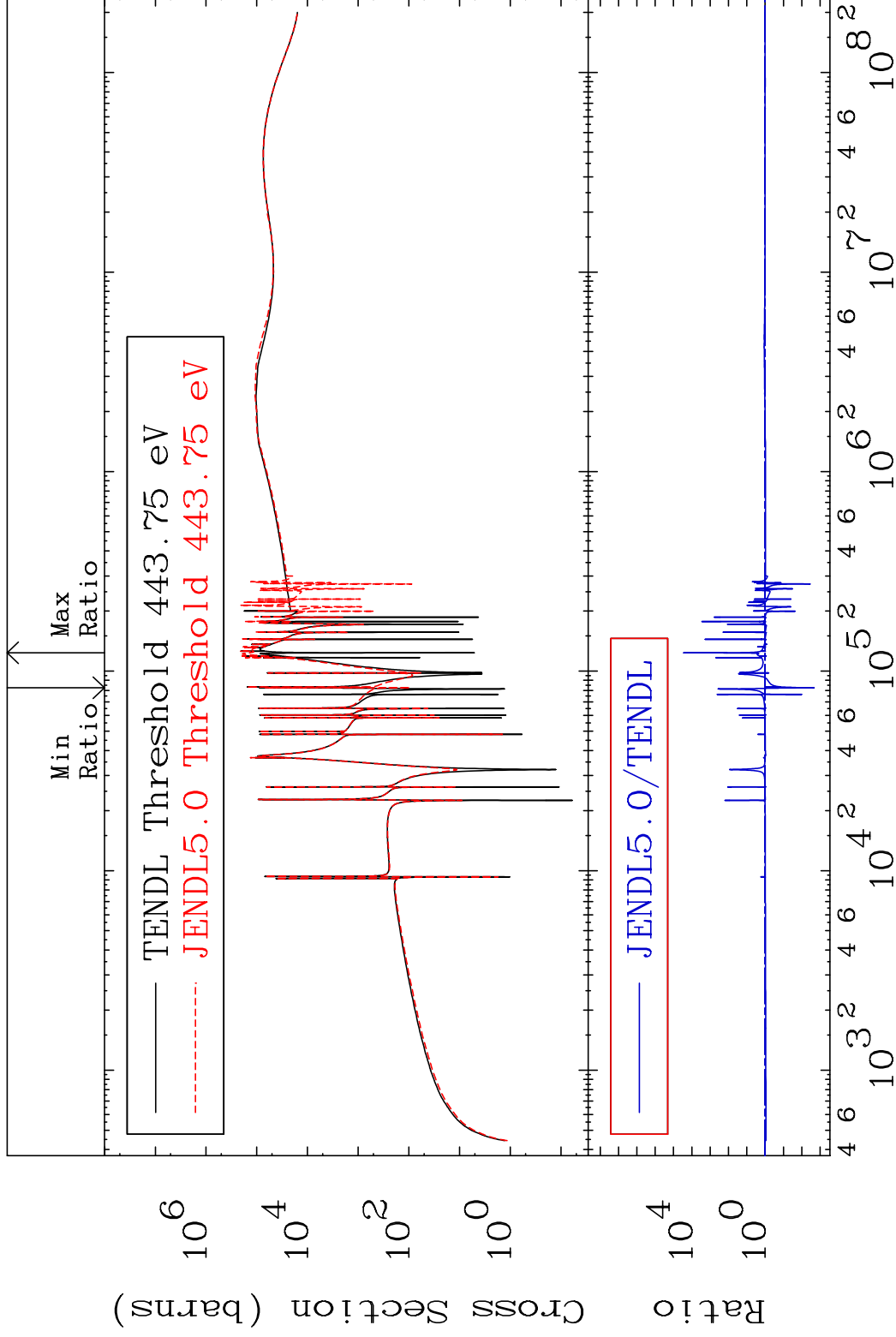


MAT 2031

Dpa elastic (mt2)

20-Ca-42

Cross Section -99.79 To 9999. %

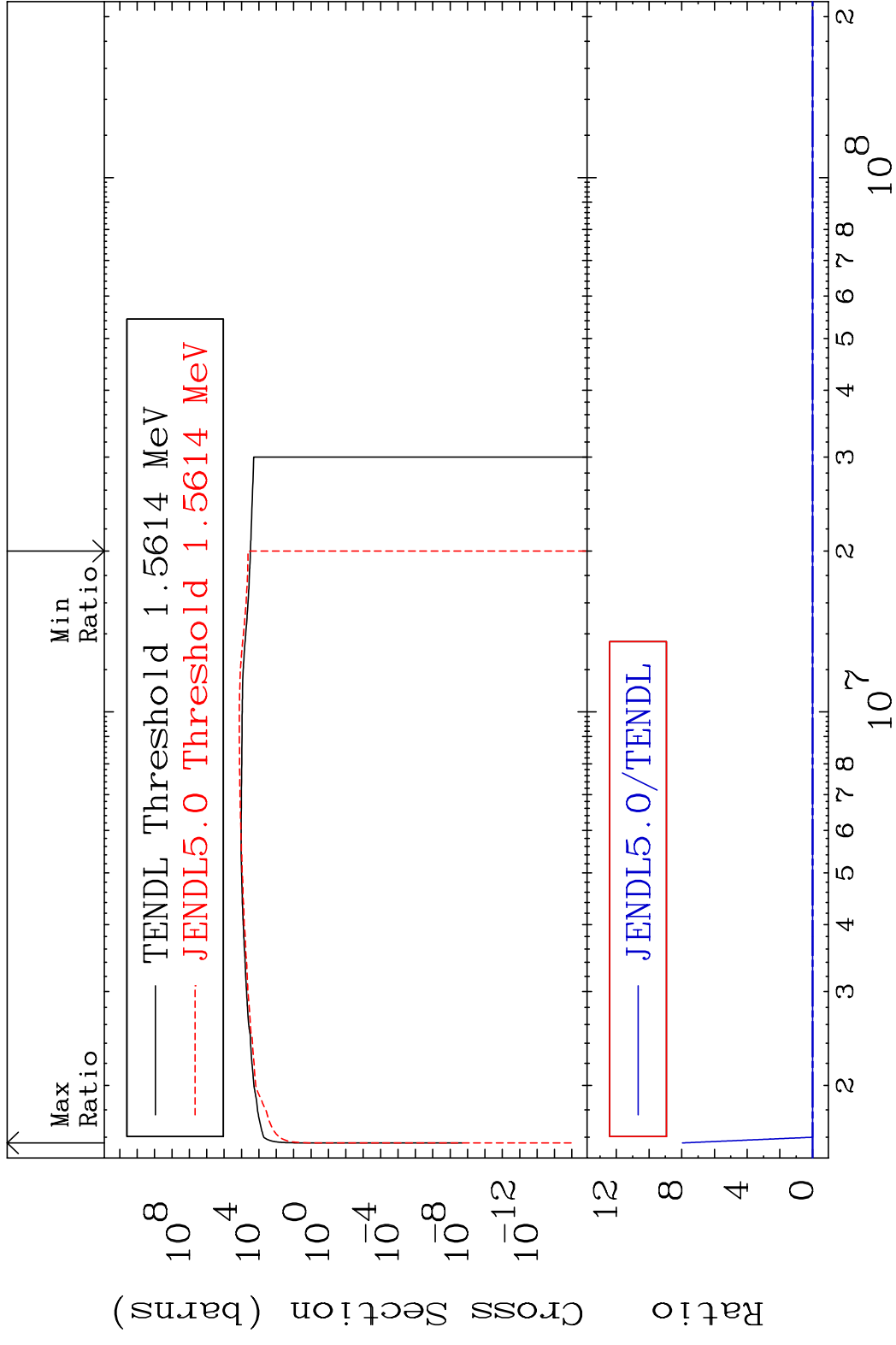


56

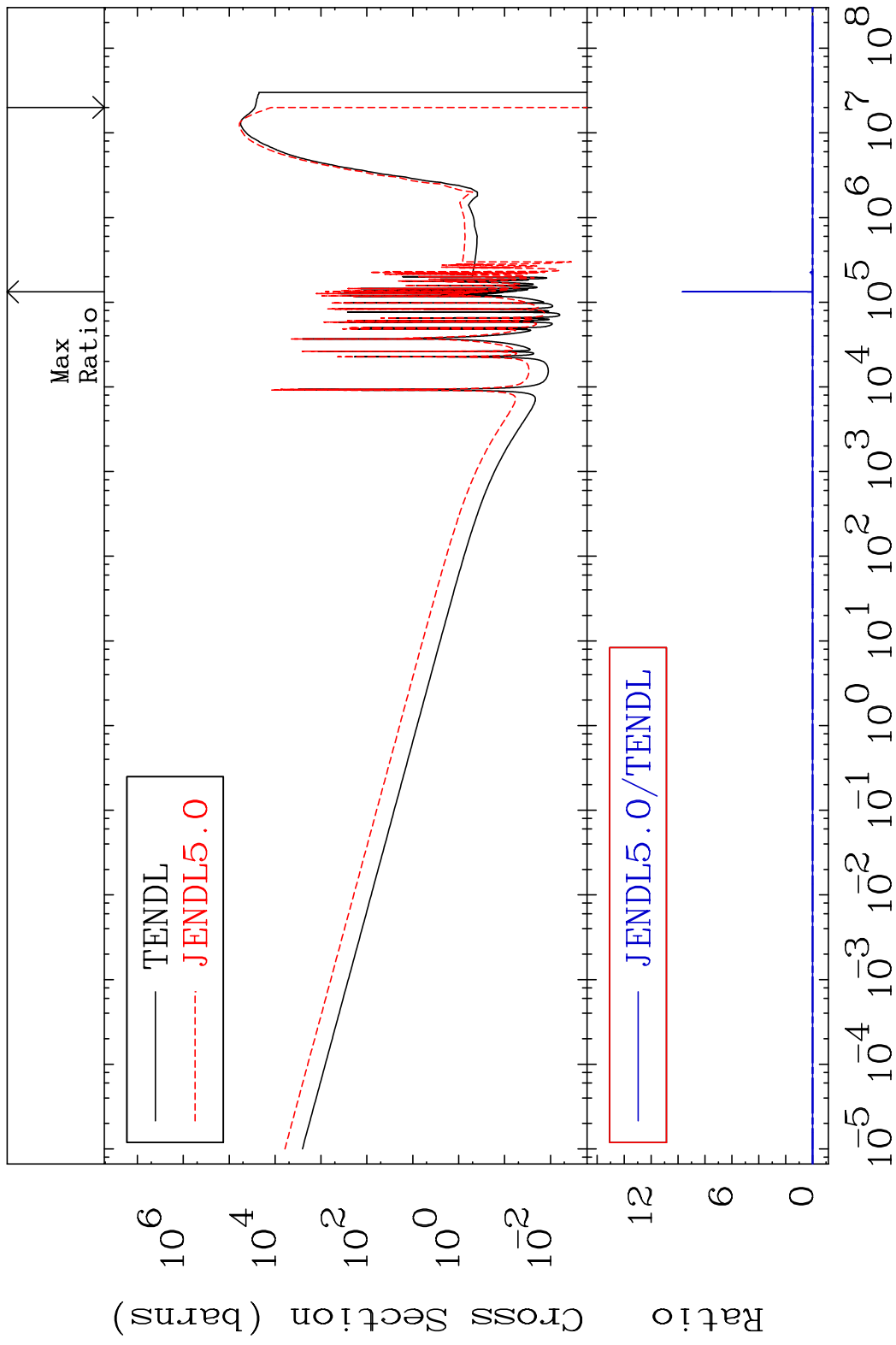
Incident Energy (eV)

20-Ca-42

MAT 2031 Dpa inelastic (mt51-91) 20-Ca-42
 Cross Section -100.0 To 9999. %



MAT 2031 Dpa disappearance (mt102 -120) 20-Ca-42
 Cross Section -100.0 To 9999. %

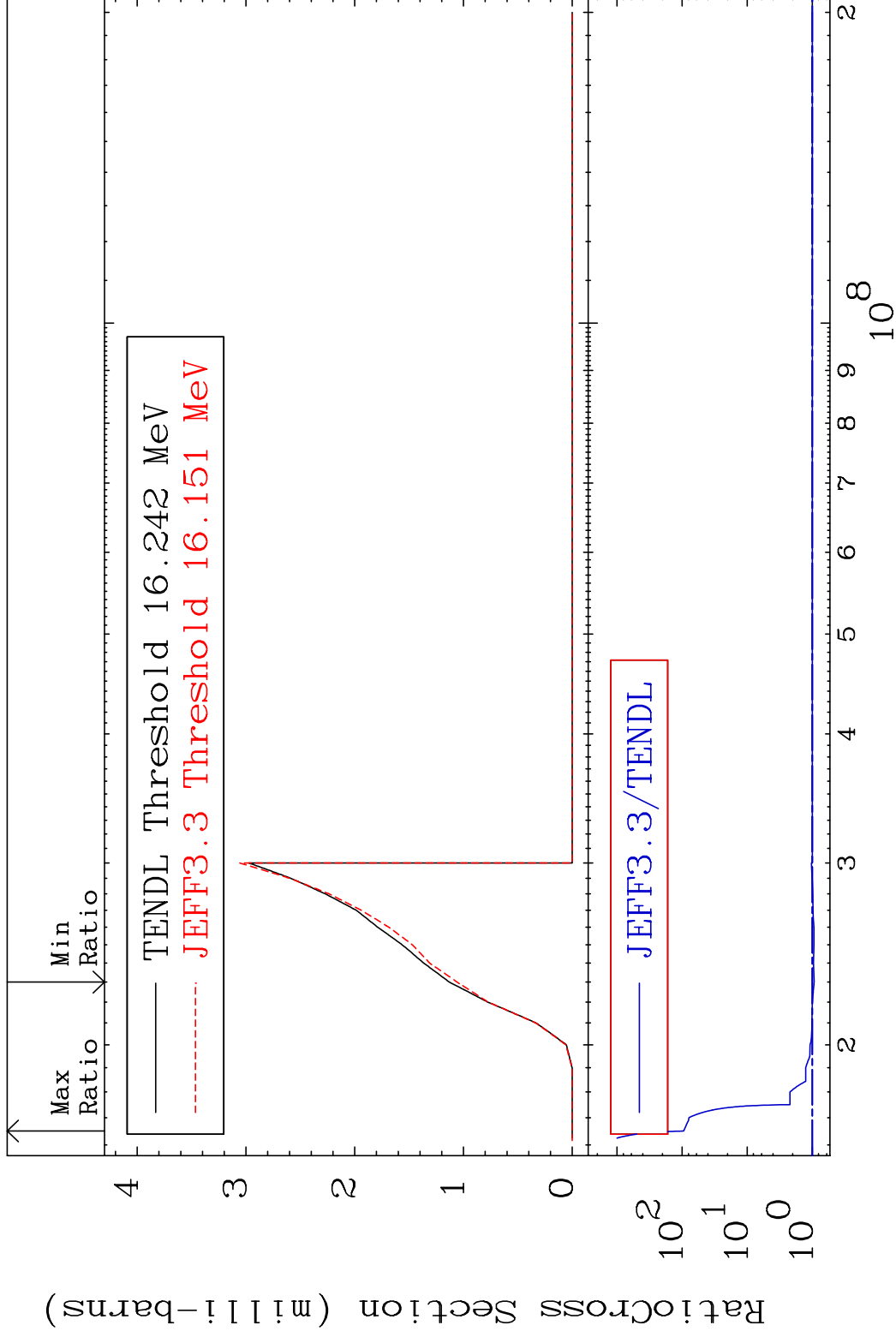


MAT 2031

(n,p) d

20-Ca-42

Cross Section -6.326 To 9356. %

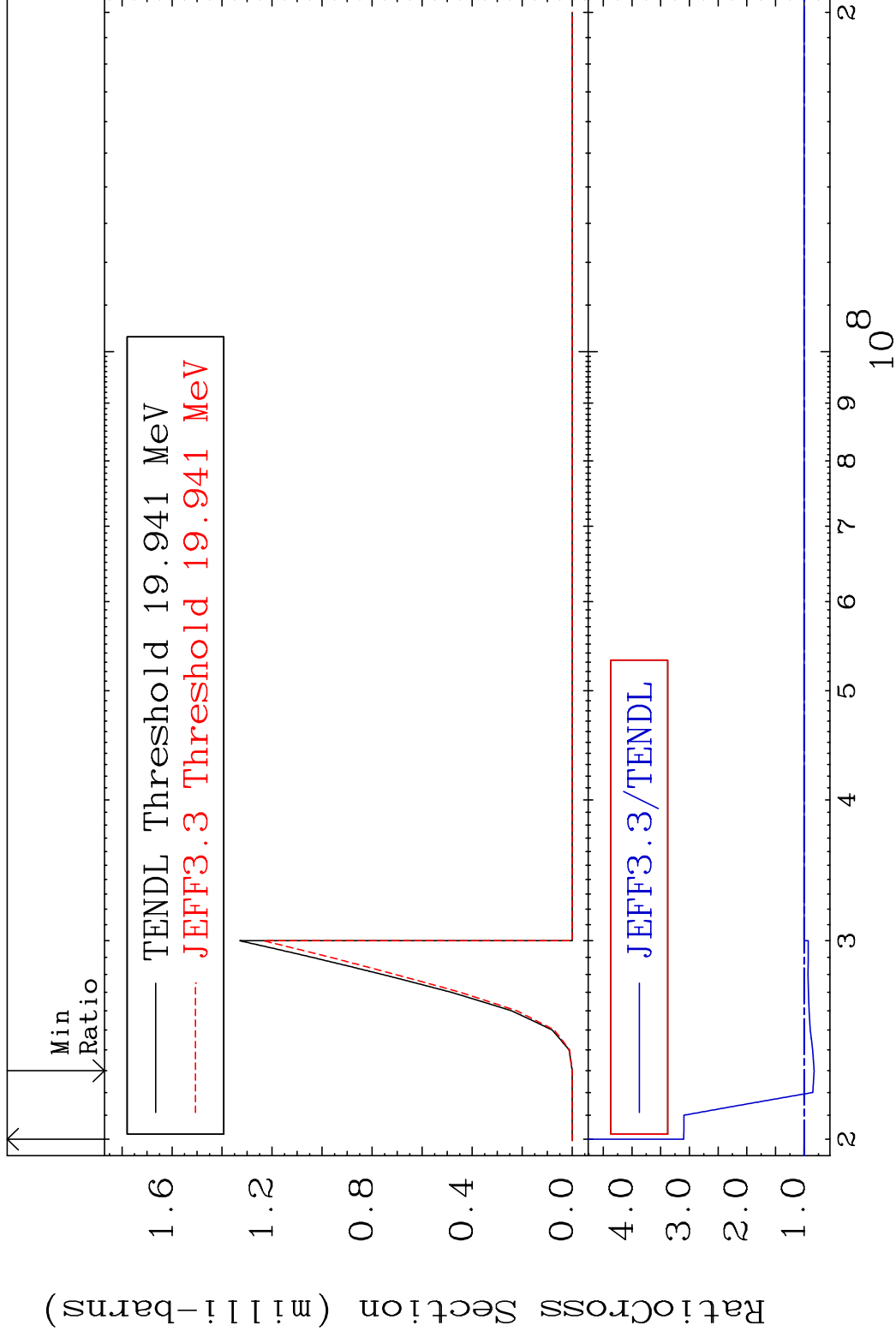


MAT 2031

(n,p) t

20-Ca-42

Cross Section -17.26 To 210.0 %



60

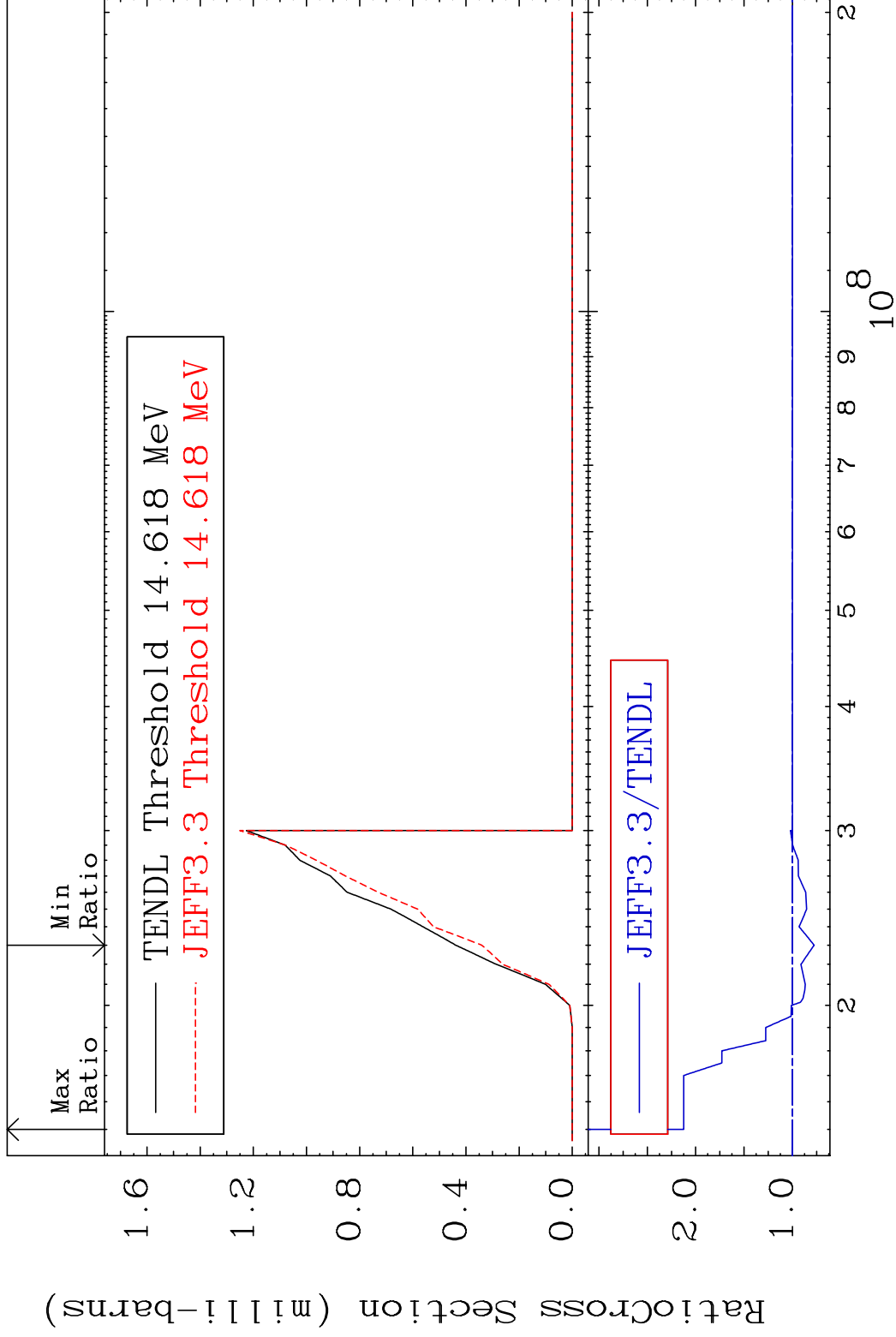
20-Ca-42

MAT 2031

(n,d) α

20-Ca-42

Cross Section -22.40 To 112.4 %



61

Incident Energy (eV)

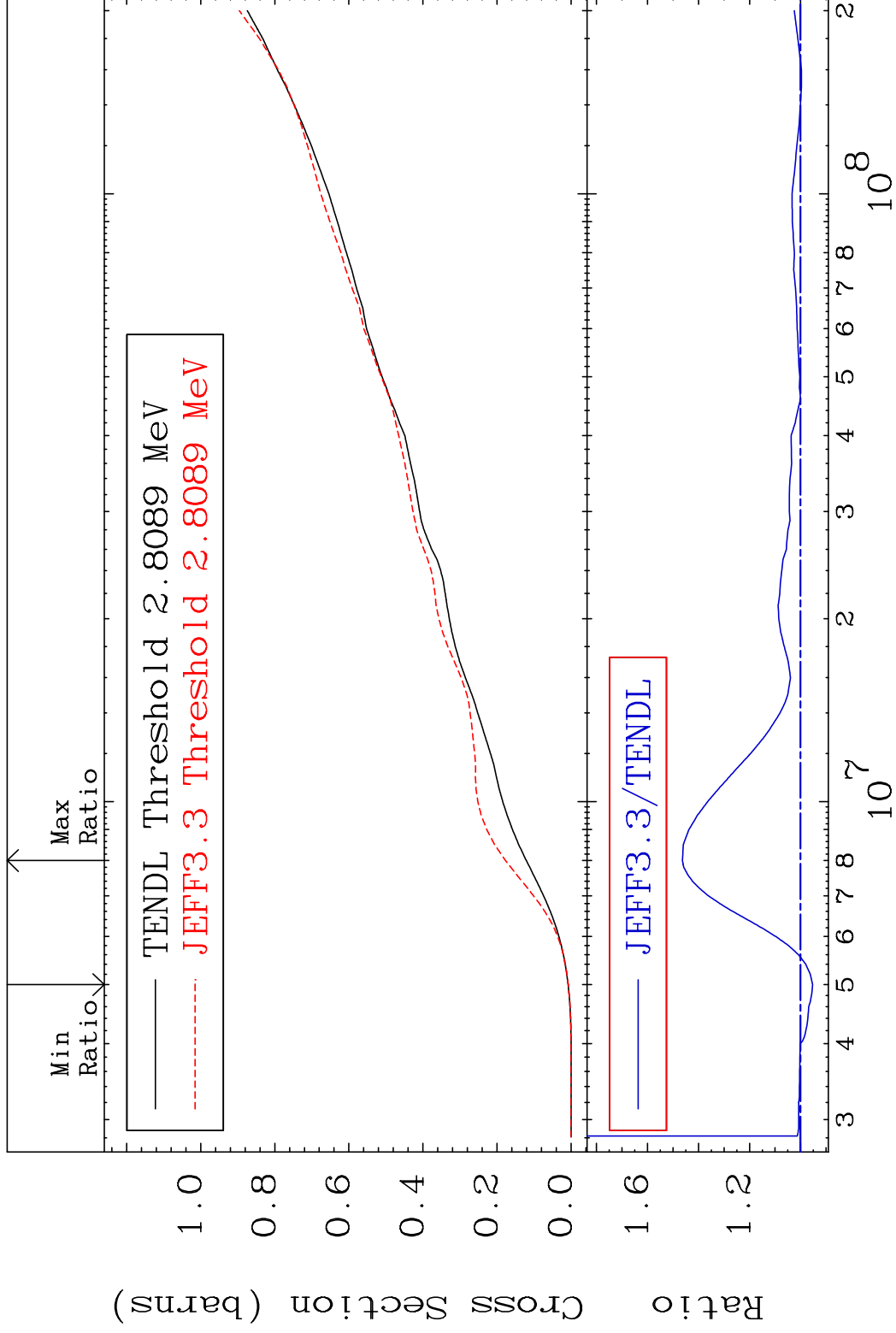
20-Ca-42

MAT 2031

Hydrogen Production

20-Ca-42

Cross Section -4.6886 To 46.35 %

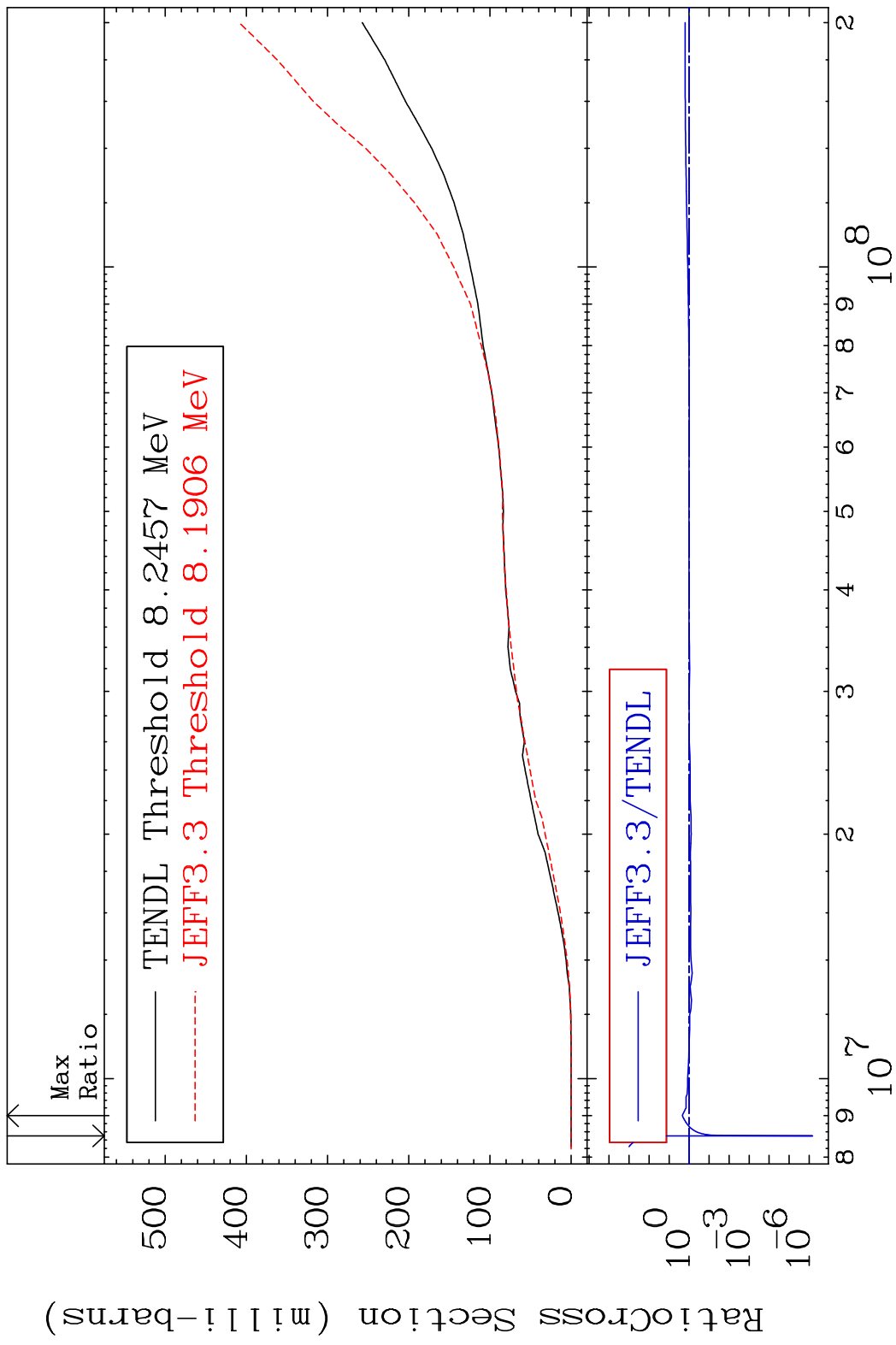


62

Incident Energy (eV)

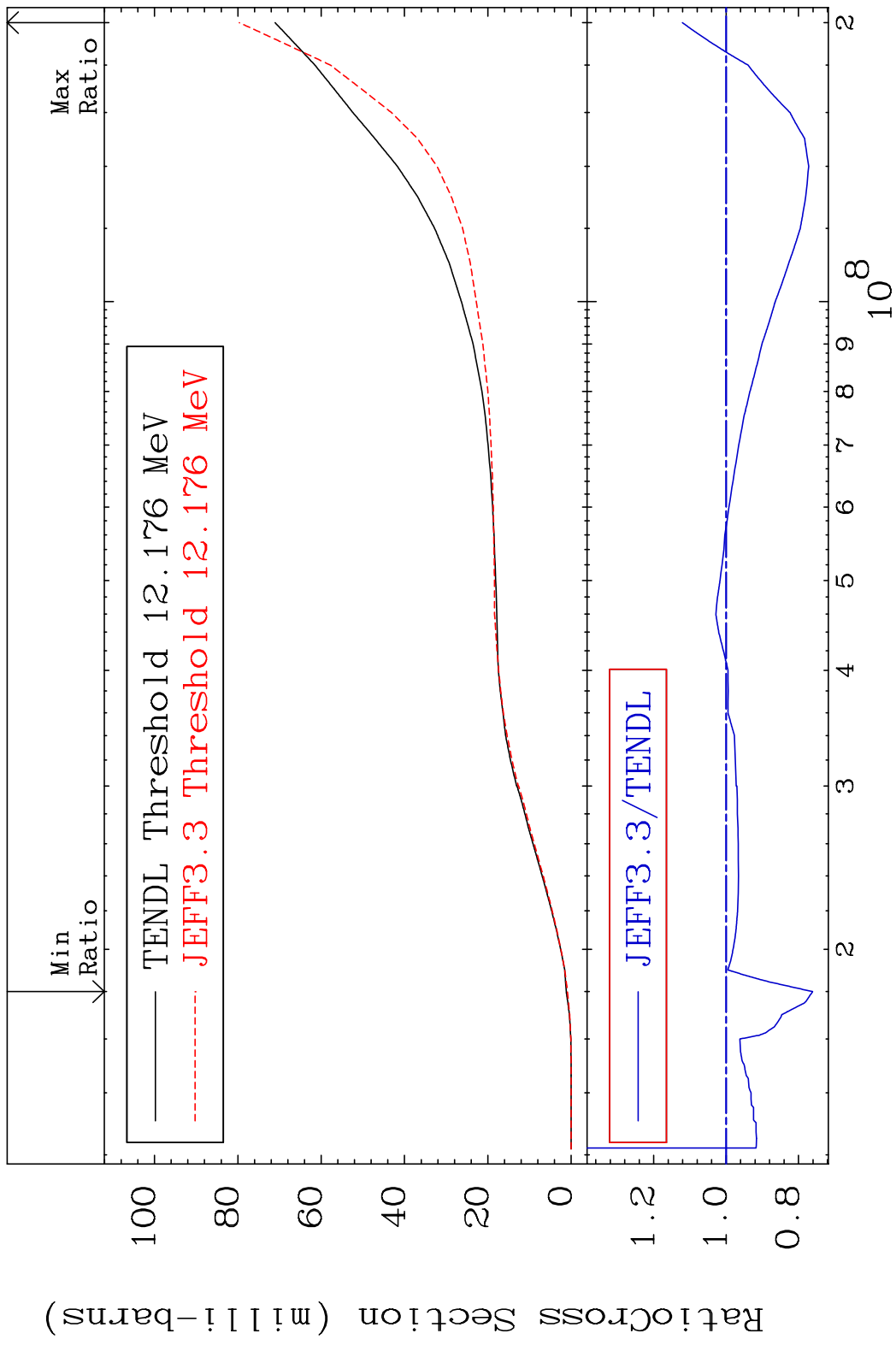
20-Ca-42

MAT 2031 Deuterium Production 20-Ca-42
 Cross Section -100.0 To 117.0 %



63 20-Ca-42

MAT 2031 Tritium Production 20-Ca-42
 Cross Section -23.88 To 12.09 %

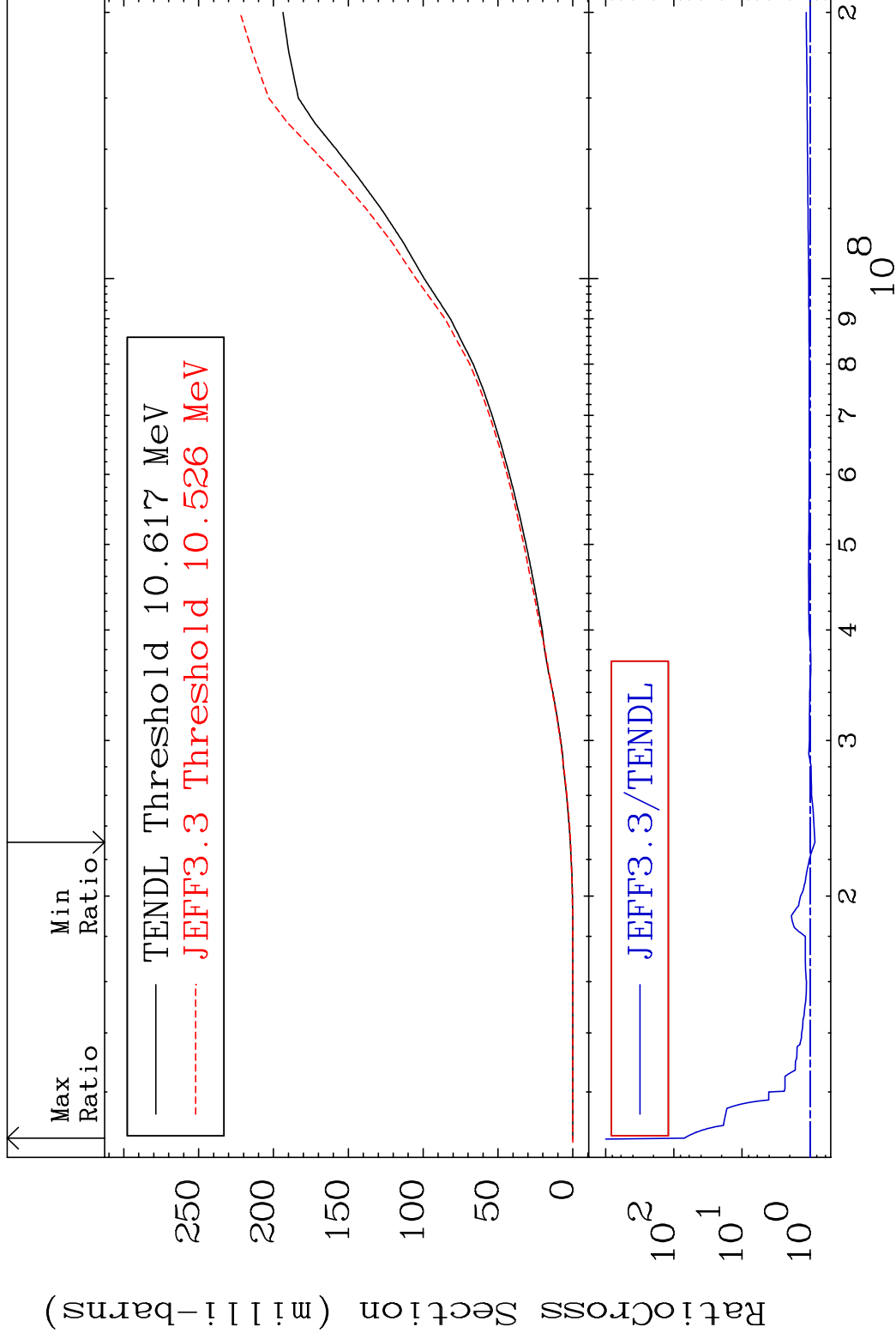


MAT 2031

He-3 Production

20-Ca-42

Cross Section -14.53 To 6942. %



65

Incident Energy (eV)

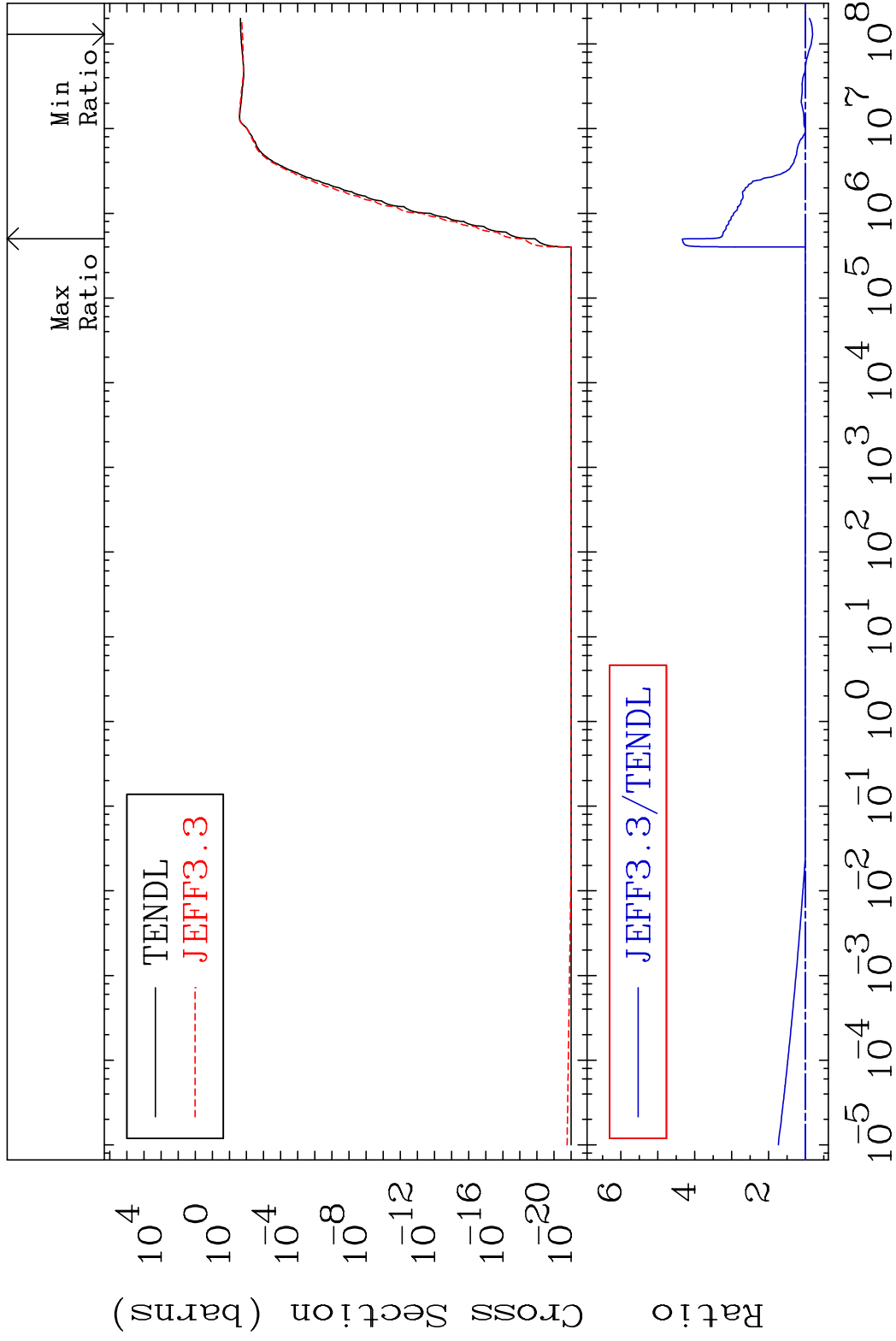
20-Ca-42

MAT 2031

He-4 Production

20-Ca-42

Cross Section -19.39 To 333.5 %



66

Incident Energy (eV)

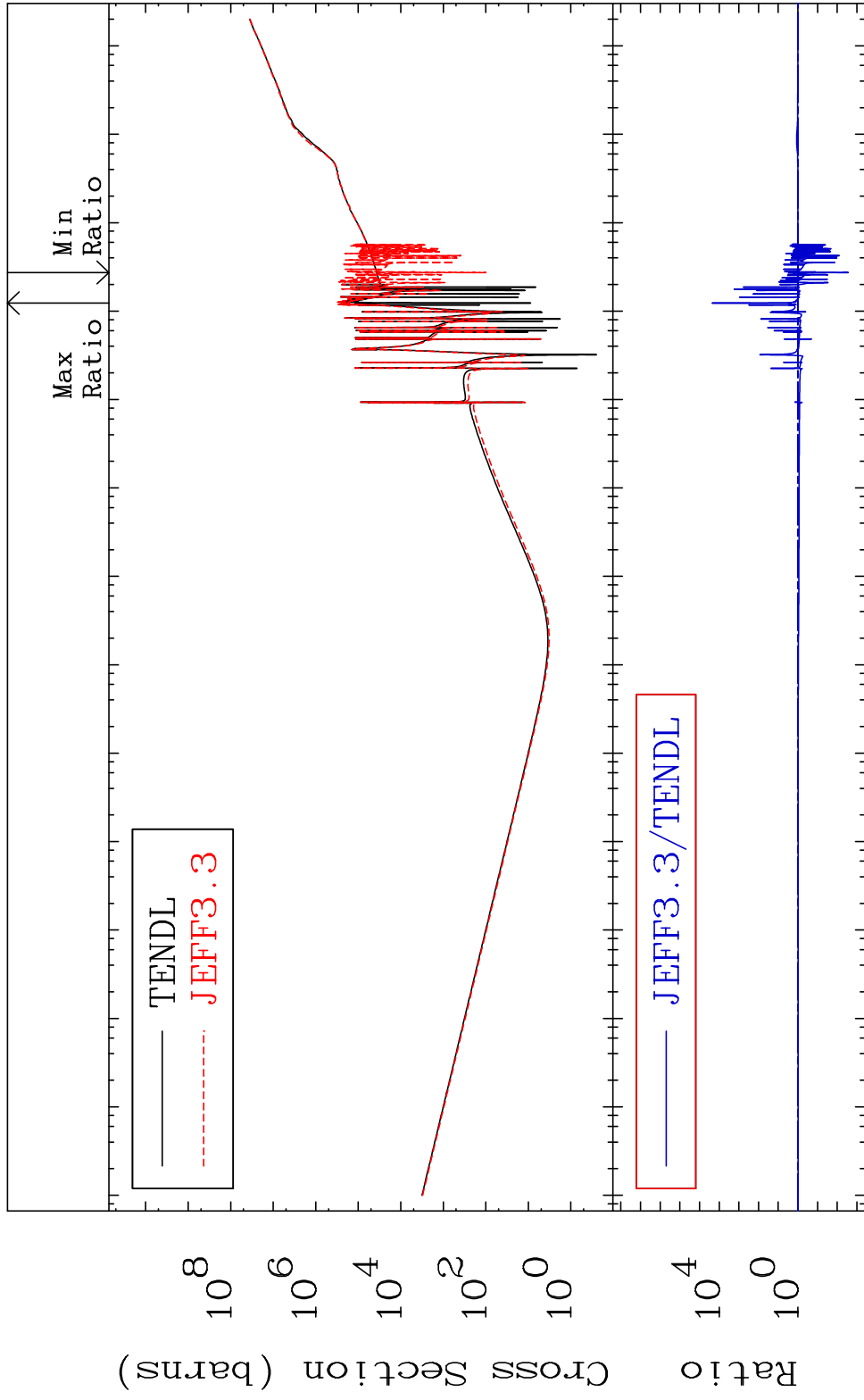
20-Ca-42

MAT 2031

Kerma total (eV-barns)

20-Ca-42

Cross Section -99.73 To 9999. %



67

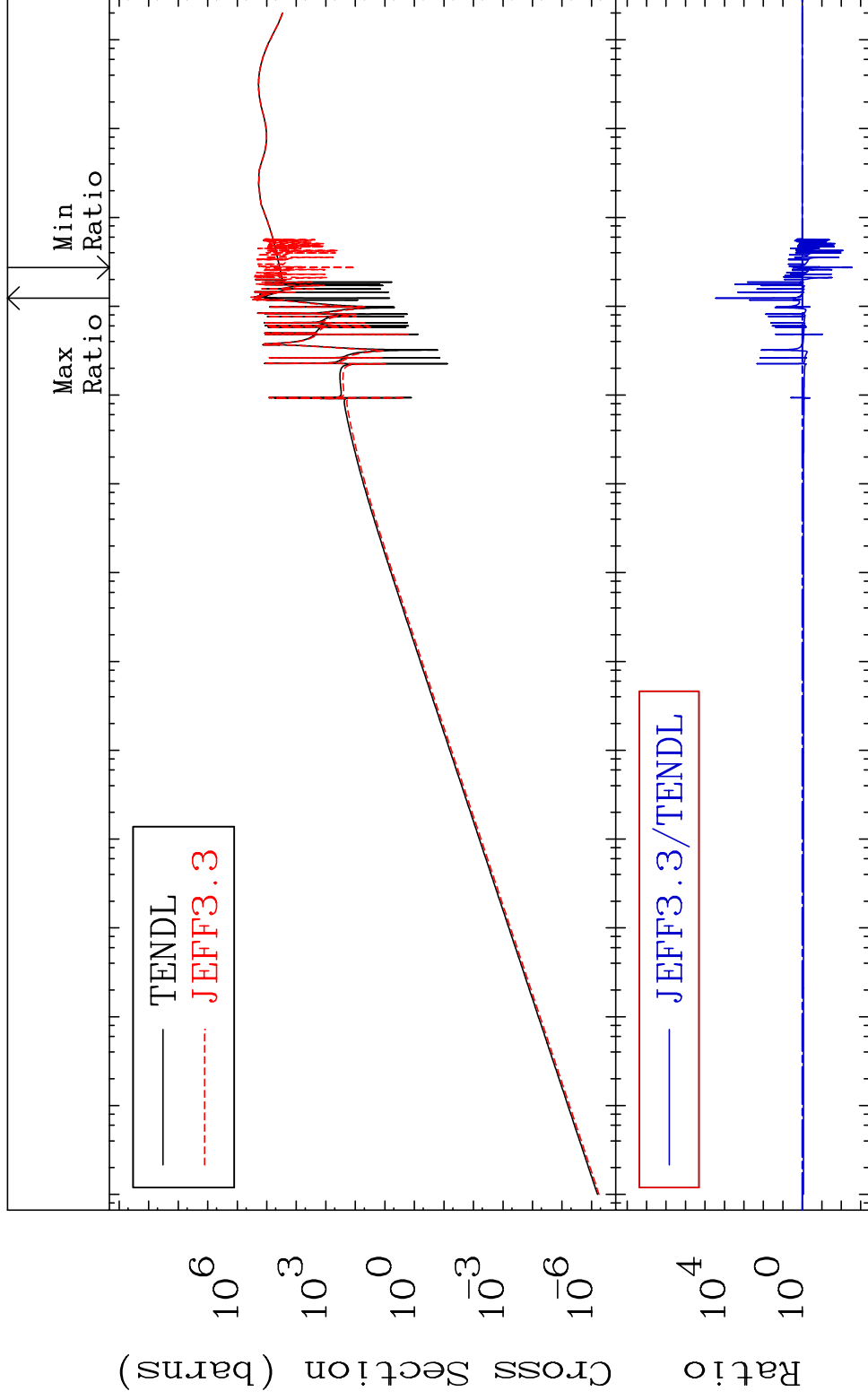
Incident Energy (eV)

20-Ca-42

MAT 2031

Kerma elastic
Cross Section

20-Ca-42
-99.73 To 9999. %

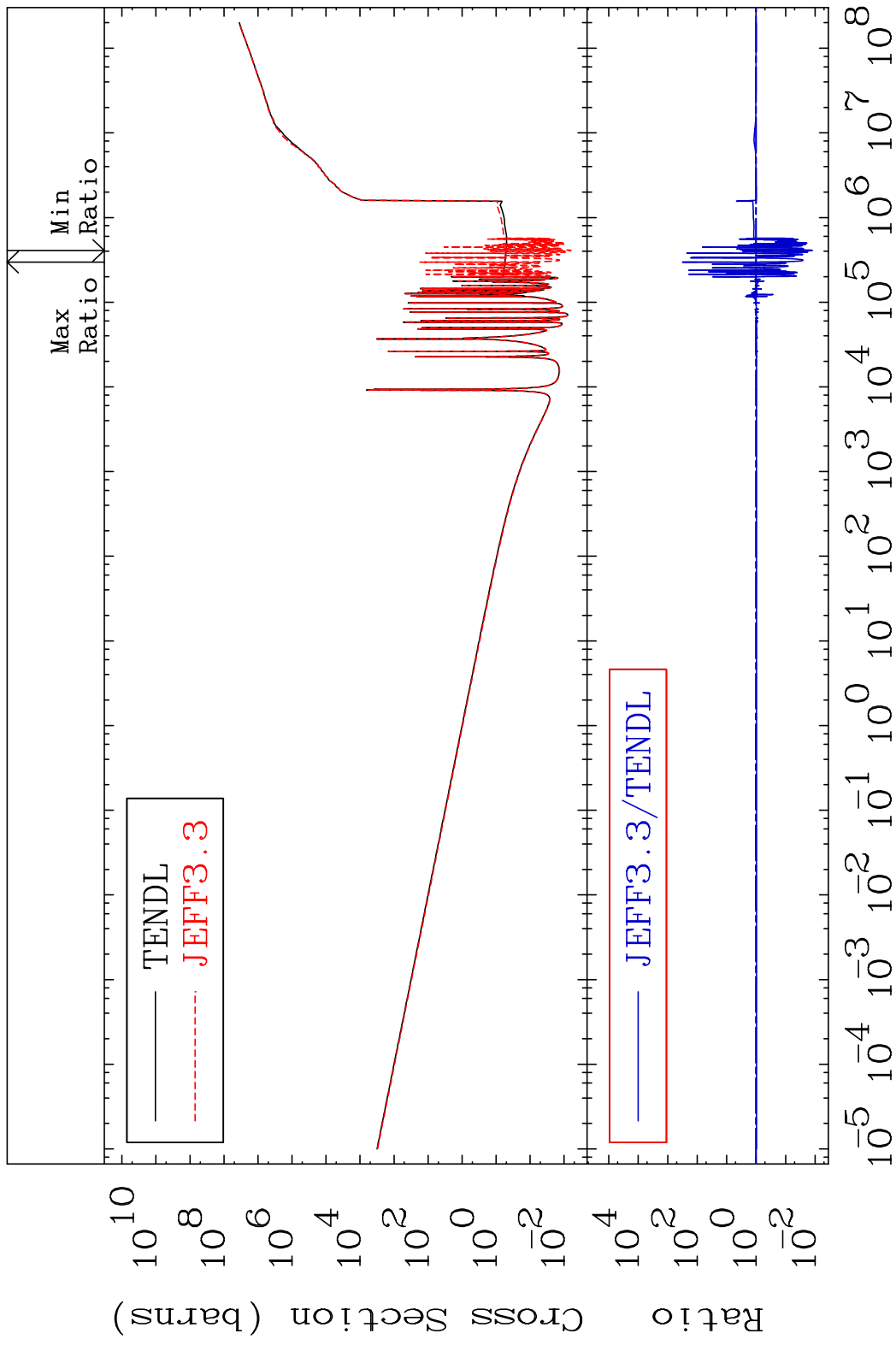


68

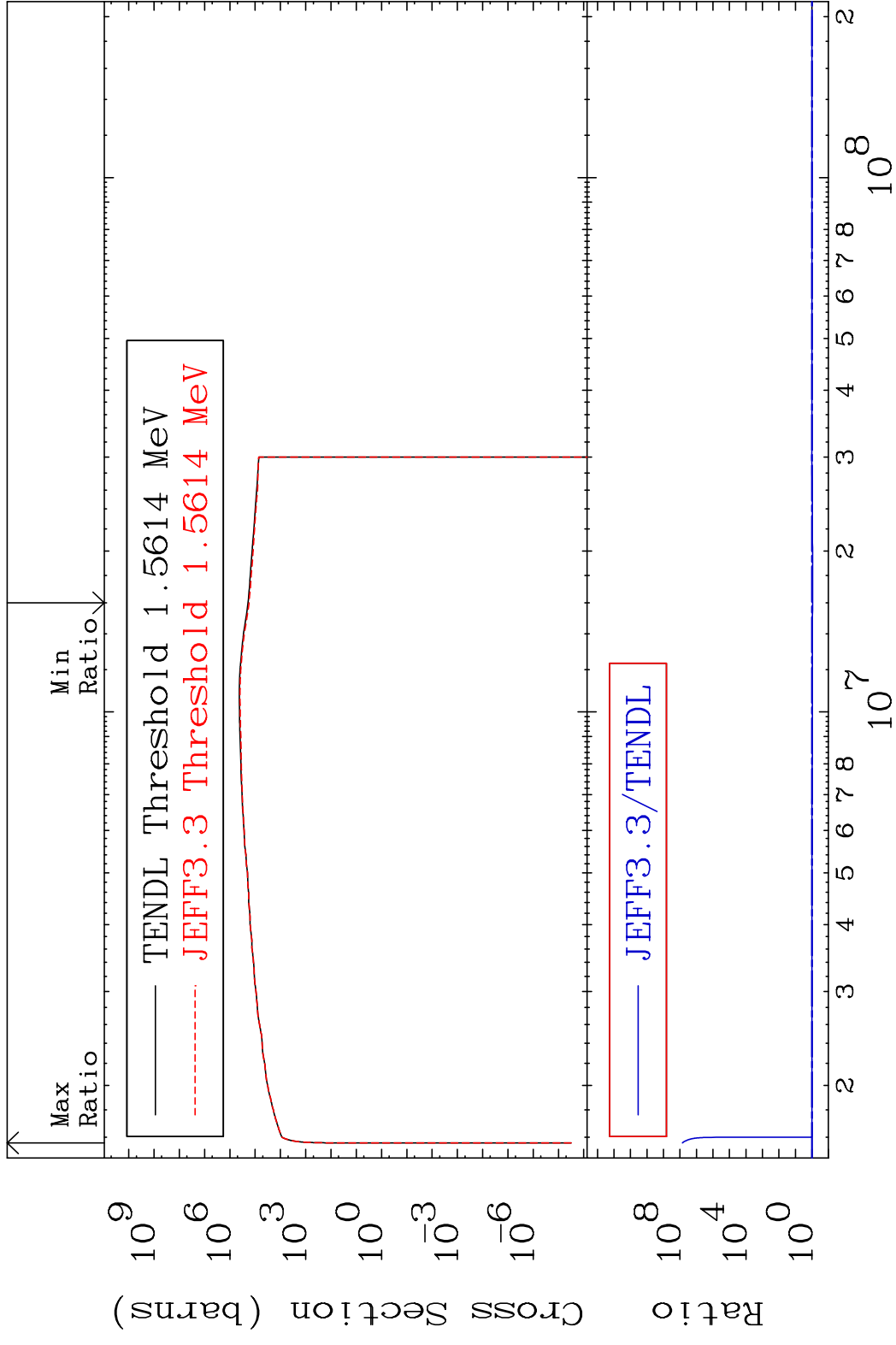
Incident Energy (eV)

20-Ca-42

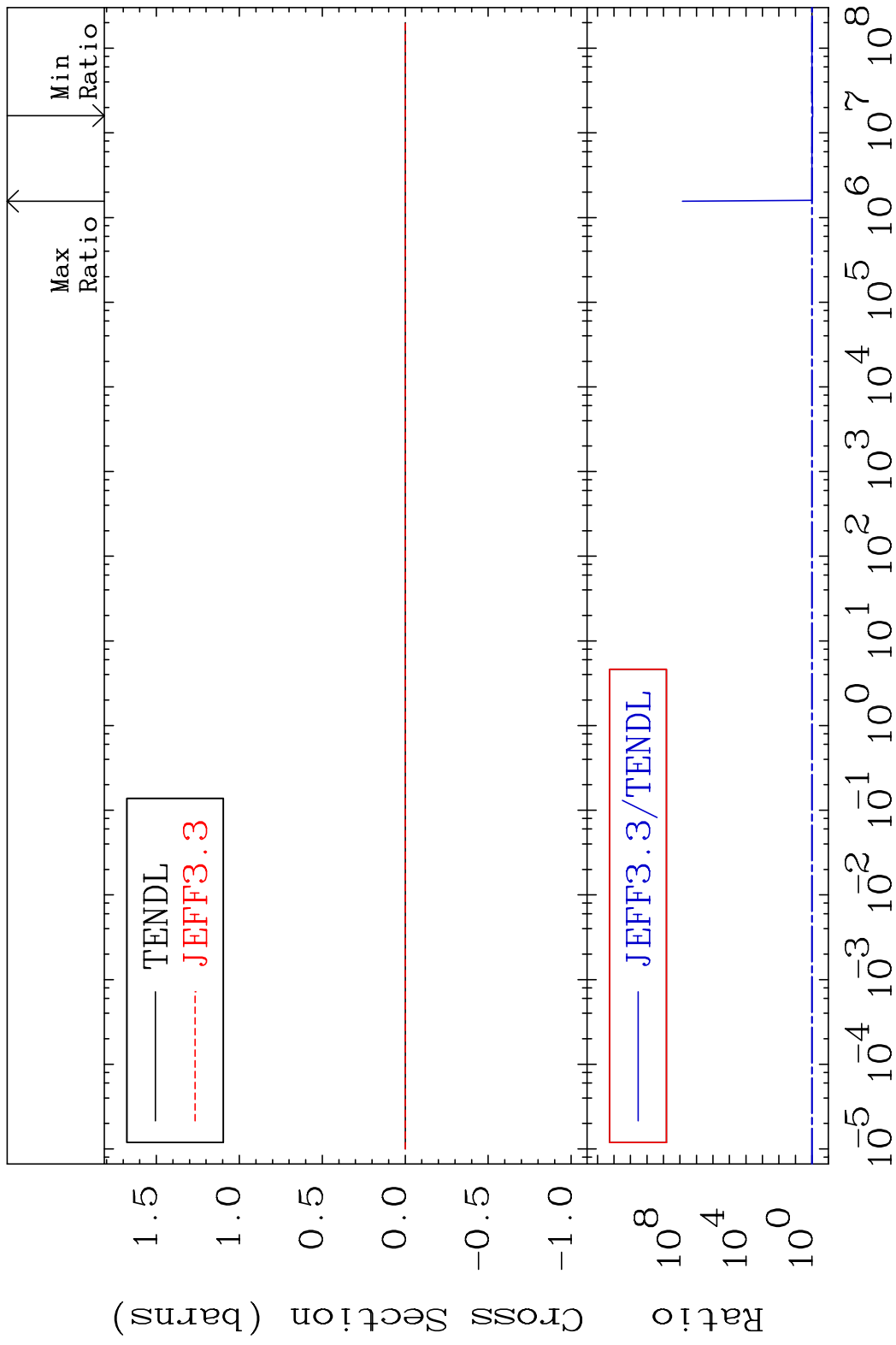
MAT 2031 Kerma non-elastic (all but mt2) 20-Ca-42
 Cross Section -98.78 To 9999. %



MAT 2031 Kerma inelastic (mt51-91) 20-Ca-42
 Cross Section -8.997 To 9999. %



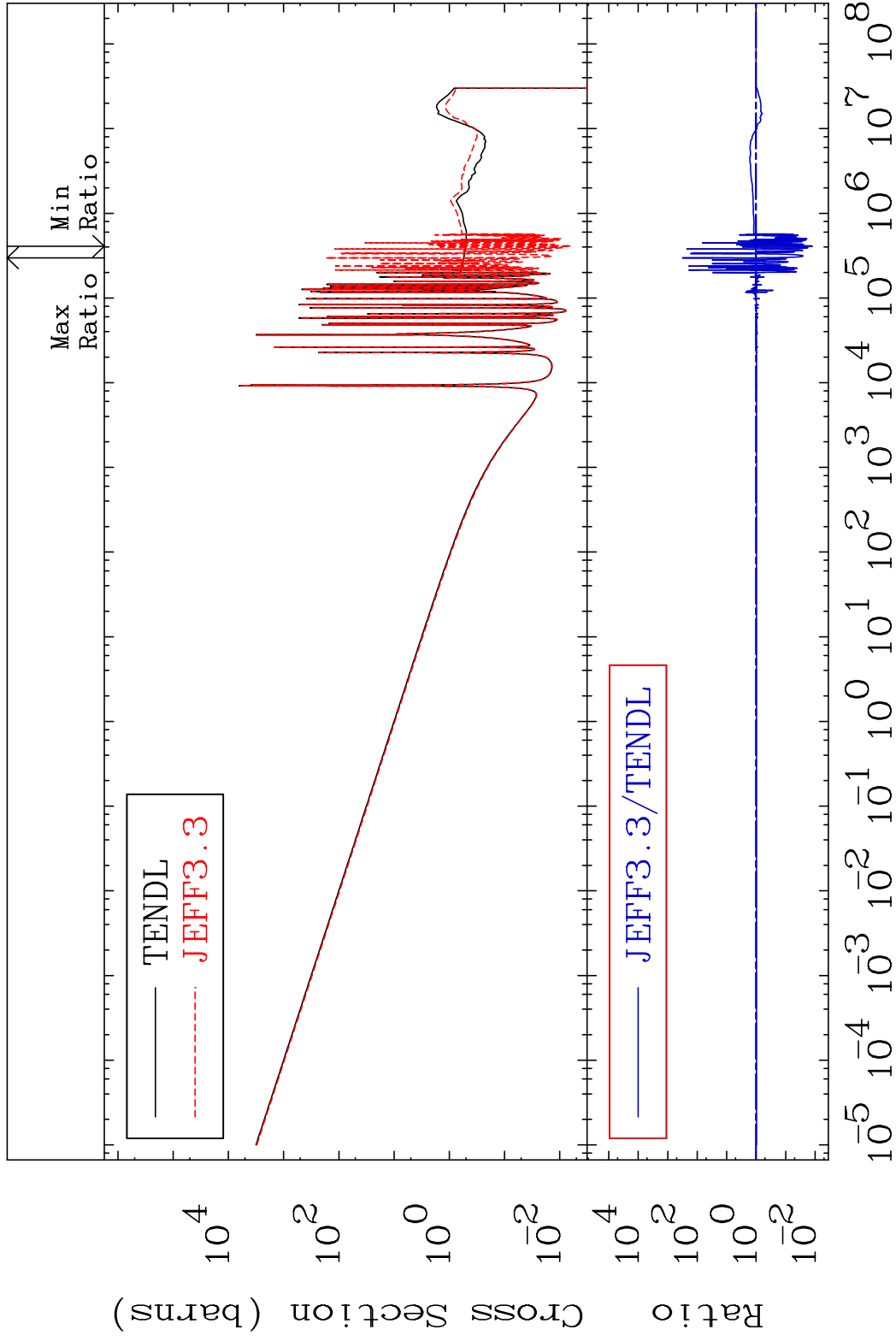
MAT 2031 Kerma fission (mt18 or mt19-20-21-38) 20-Ca-42
 Cross Section -8.997 To 9999. %



MAT 2031

Kerma capture (mt102) 20-Ca-42

Cross Section -98.78 To 9999. %

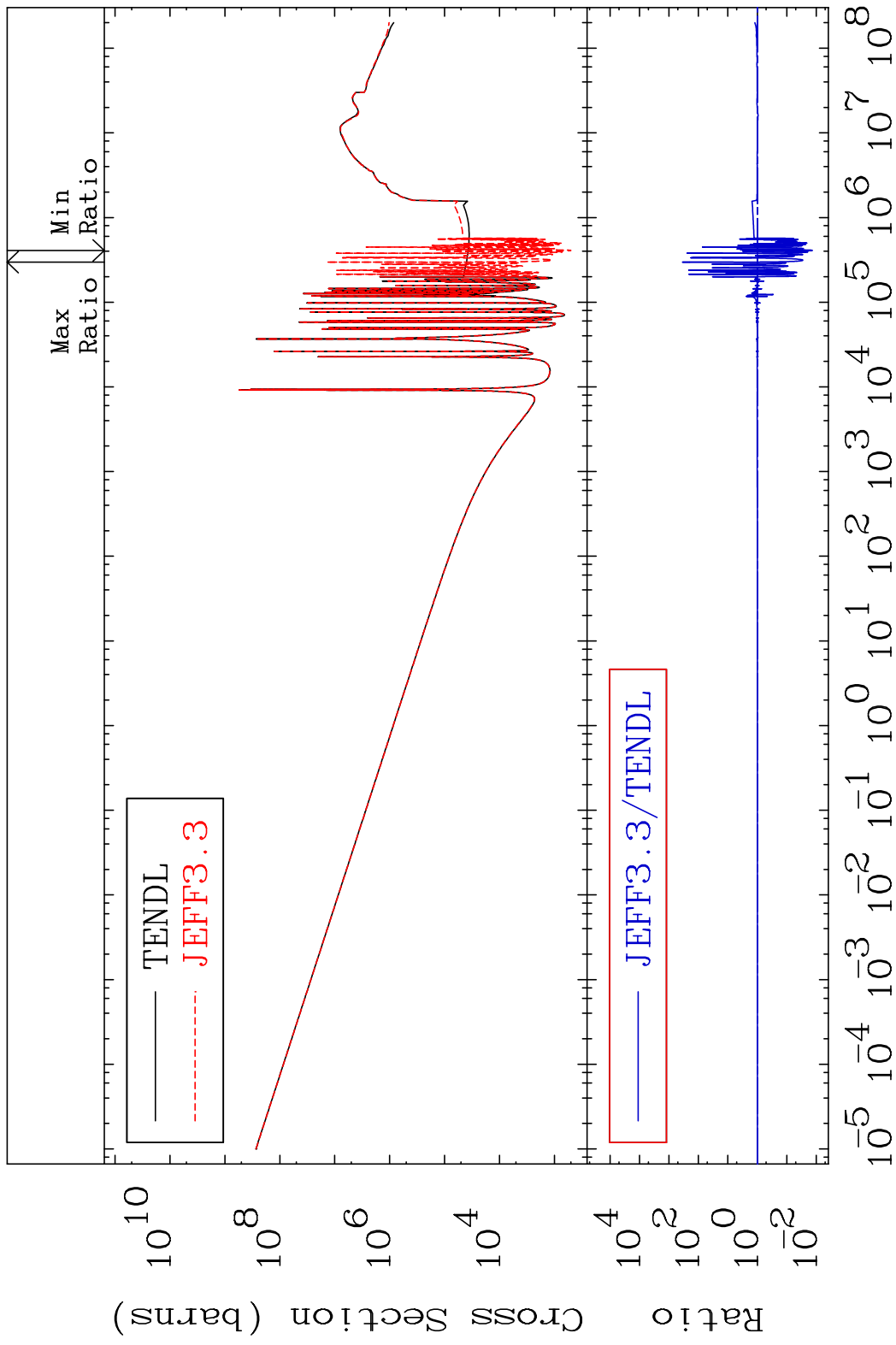


72

Incident Energy (eV)

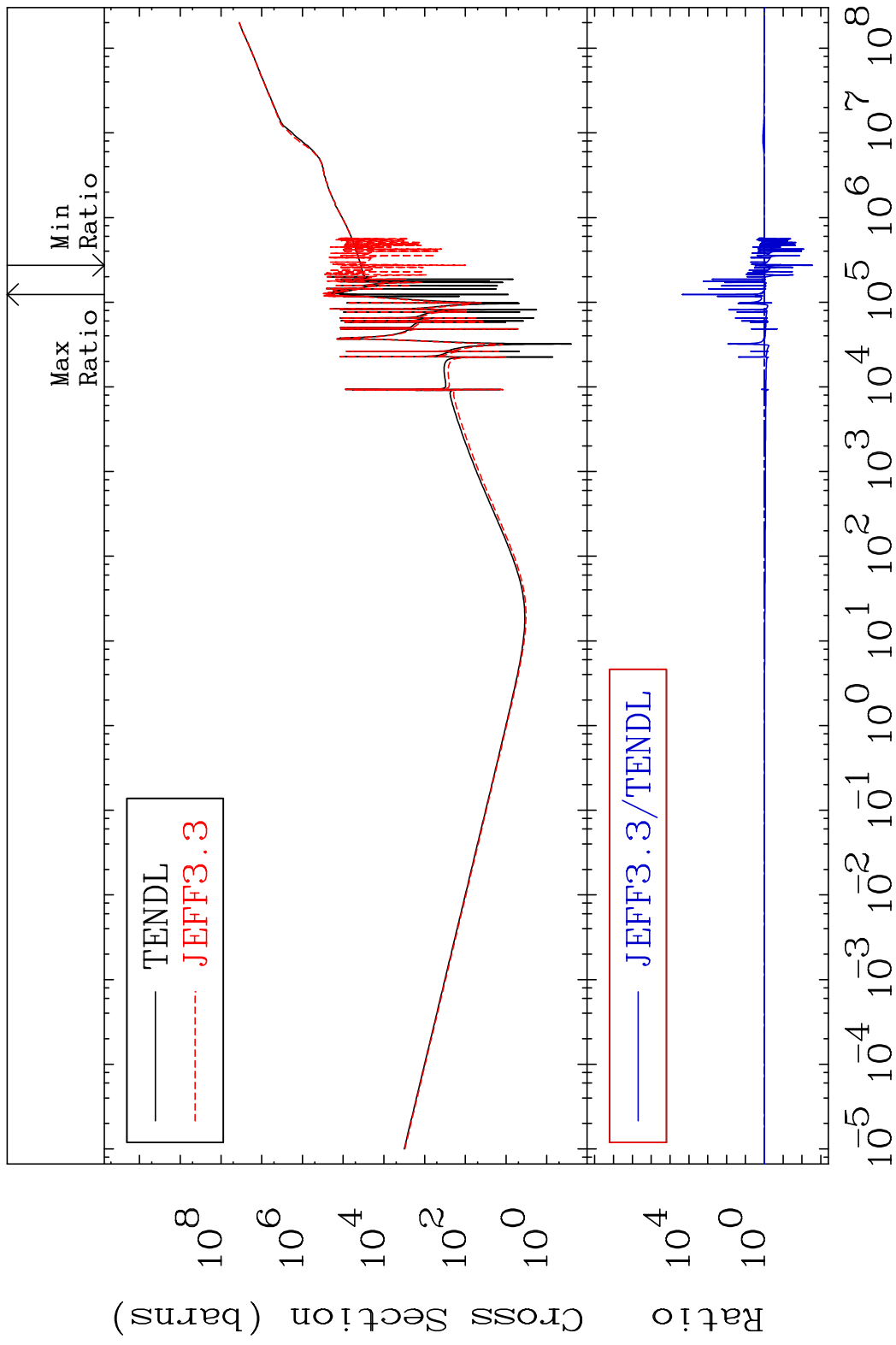
20-Ca-42

MAT 2031 Total photon (eV-barns) 20-Ca-42
Cross Section -98.67 To 9999. %



73 Incident Energy (eV) 20-Ca-42

MAT 2031 Total kinematic kerma (high limit) 20-Ca-42
 Cross Section -99.73 To 9999. %

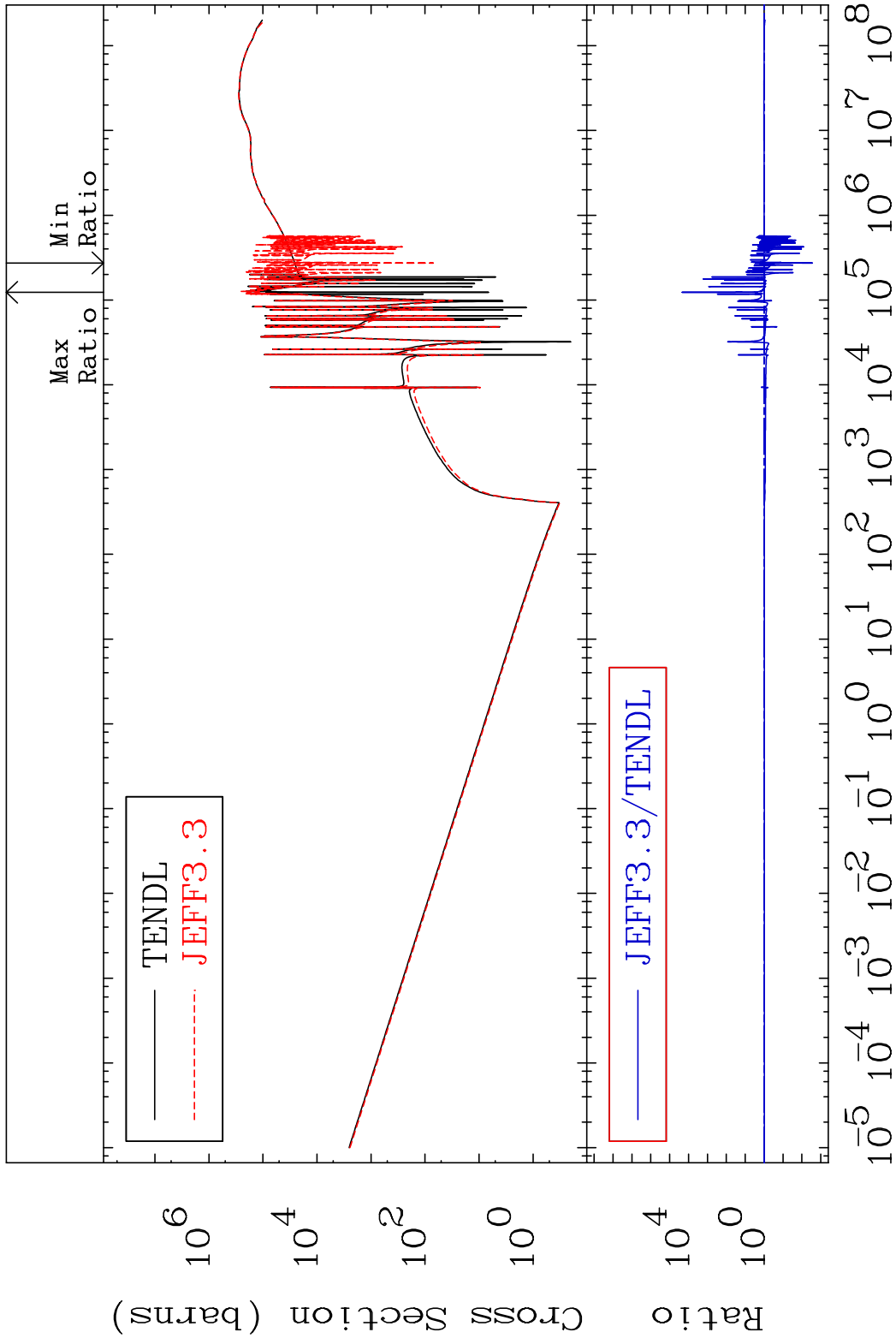


MAT 2031

Dpa total (eV-barns)

20-Ca-42

Cross Section -99.73 To 9999. %



75

Incident Energy (eV)

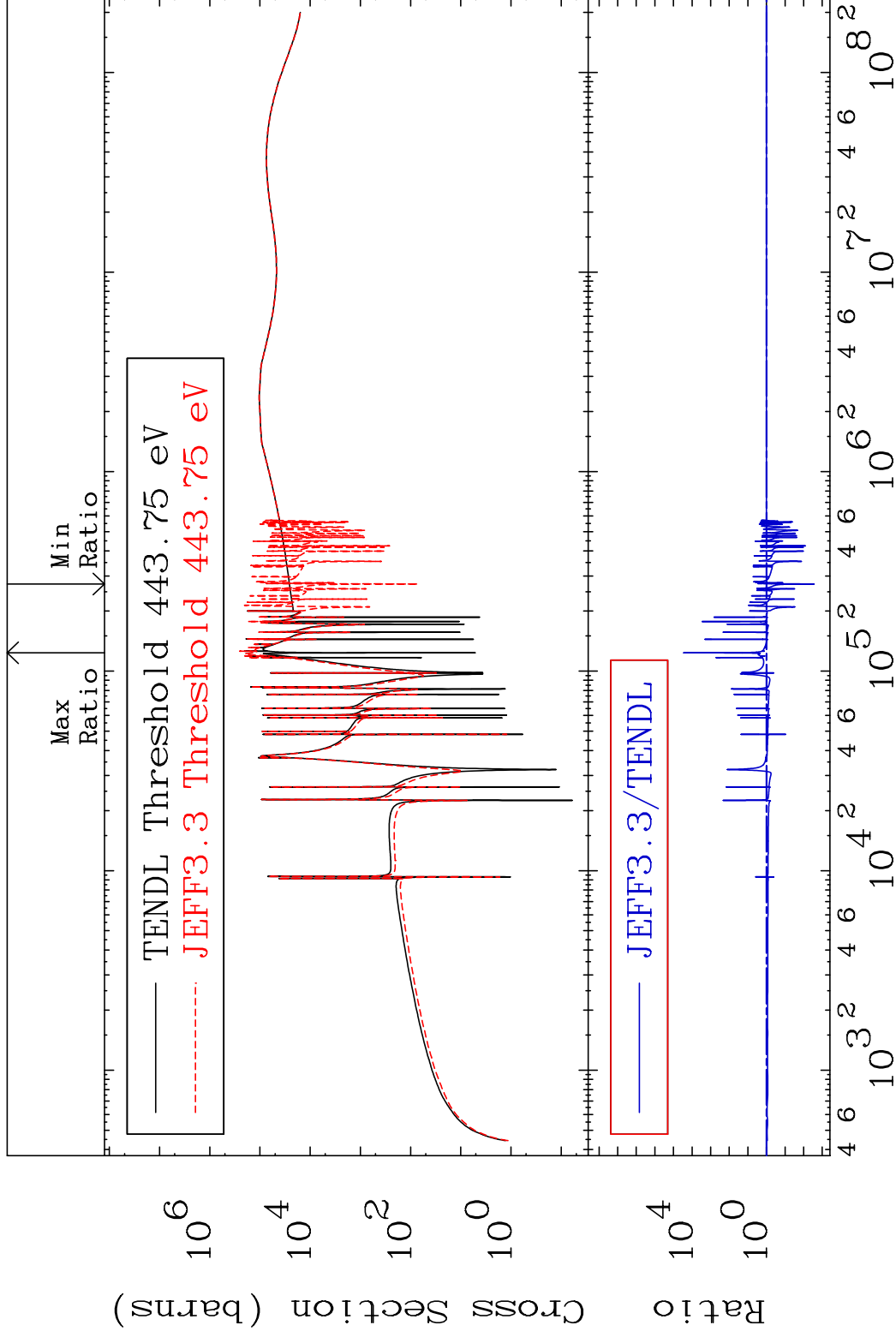
20-Ca-42

MAT 2031

Dpa elastic (mt2)

20-Ca-42

Cross Section -99.73 To 9999. %

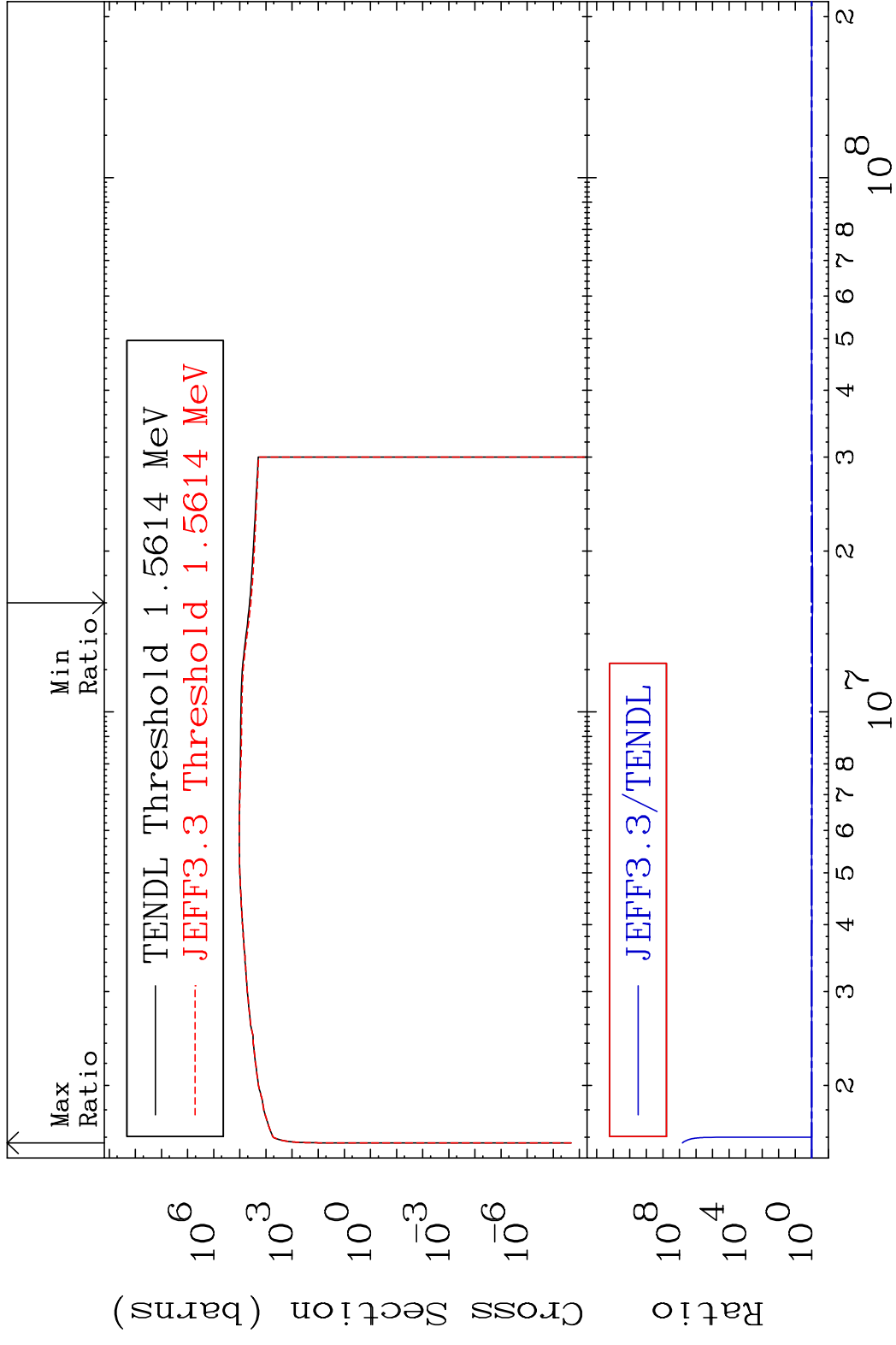


76

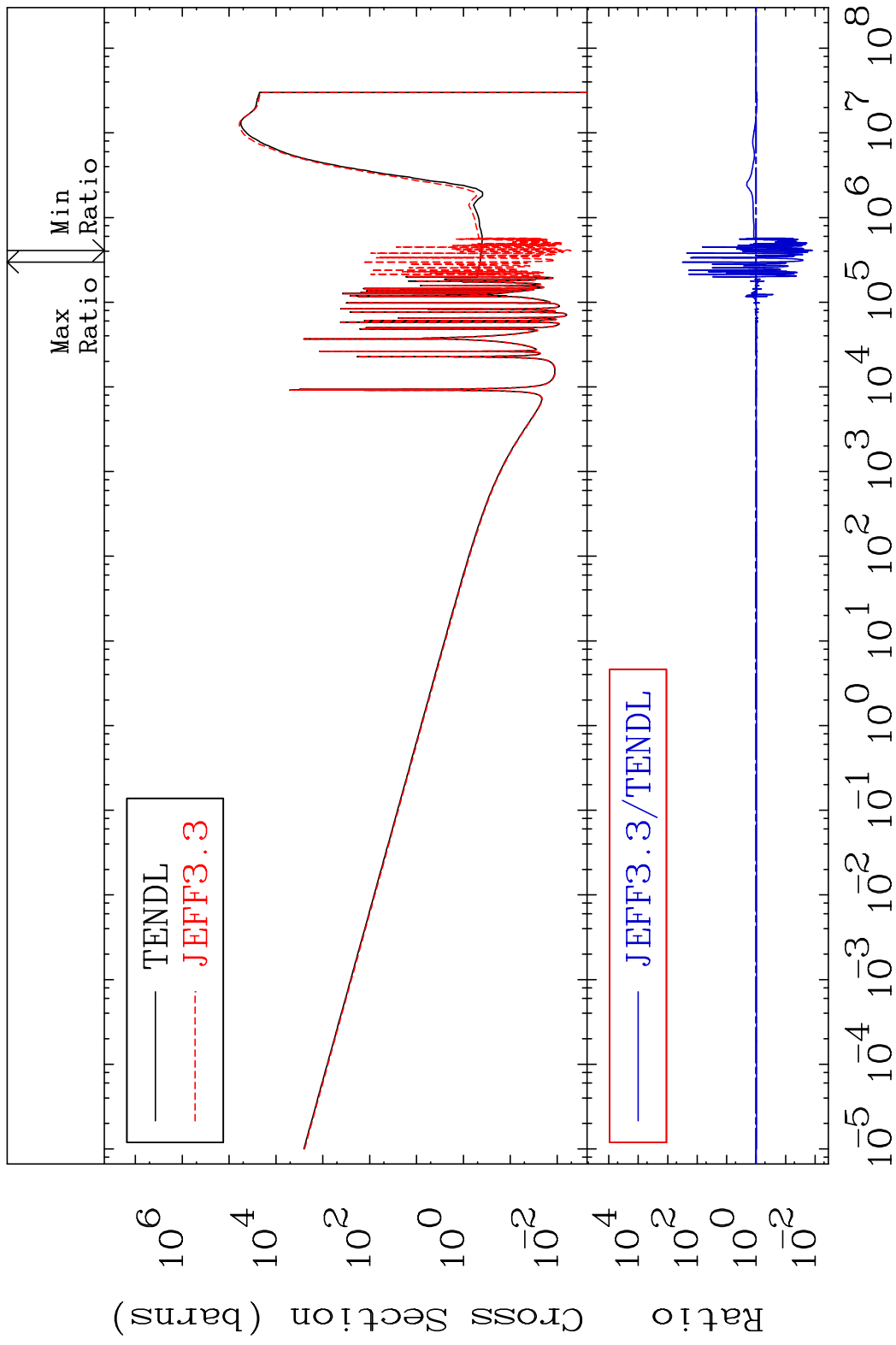
Incident Energy (eV)

20-Ca-42

MAT 2031 Dpa inelastic (mt51-91) 20-Ca-42
 Cross Section -10.27 To 9999. %



MAT 2031 Dpa disappearance (mt102 -120) 20-Ca-42
 Cross Section -98.78 To 9999. %



MAT 2031 (n, p) α :17-Cl-38g 20-Ca-42
 Radionuclide Production Cross Section 159.9 %

