

Program Complot
(Version 2021-1)

by

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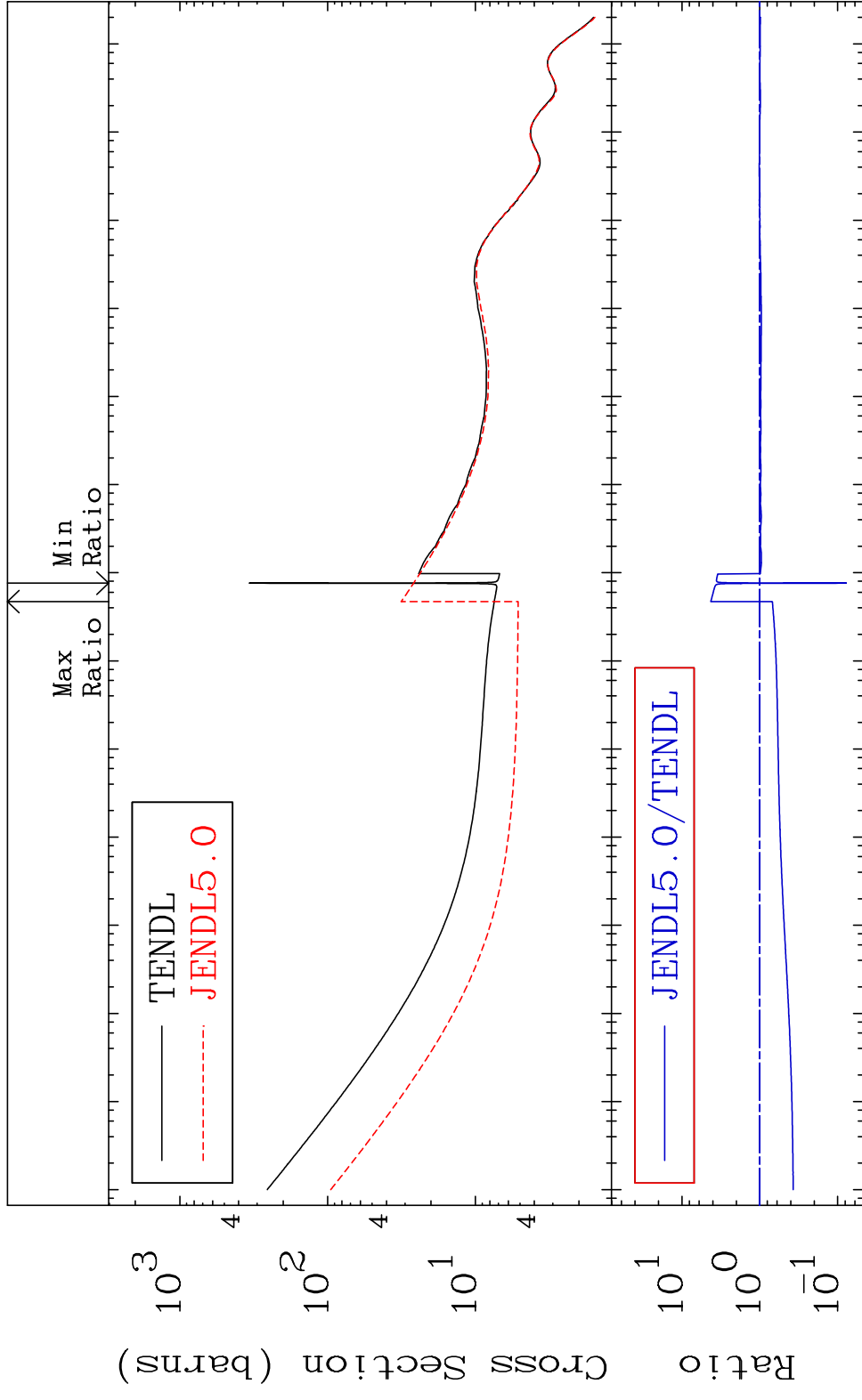
Press Mouse Button to Start

MAT 4126

41-Nb-93m

Total

Cross Section -92.27 To 326.8 %



41-Nb-93m

Incident Energy (eV)

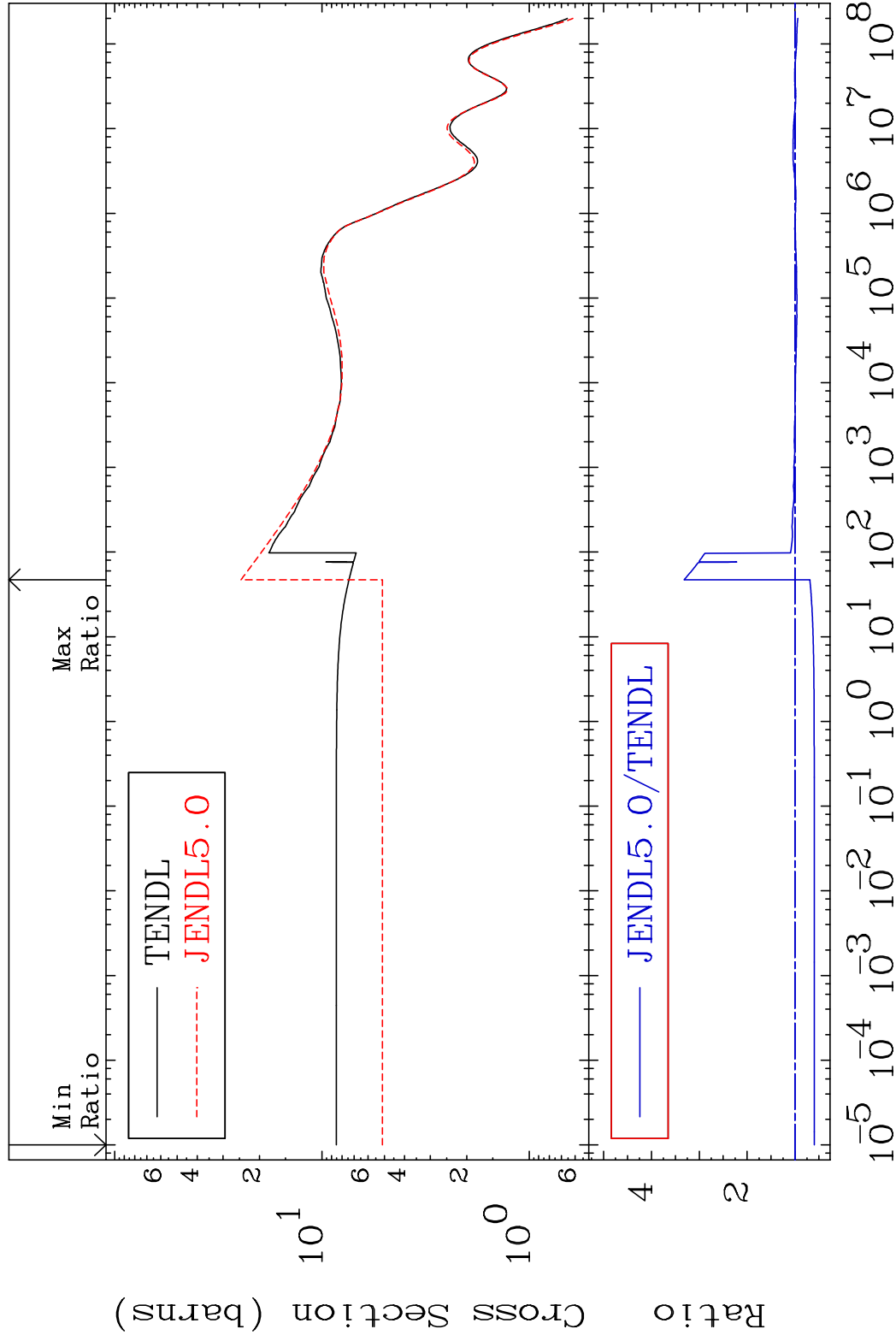
1

MAT 4126

Elastic

41-Nb-93m

Cross Section -40.18 To 231.8 %



2

Incident Energy (eV)

41-Nb-93m

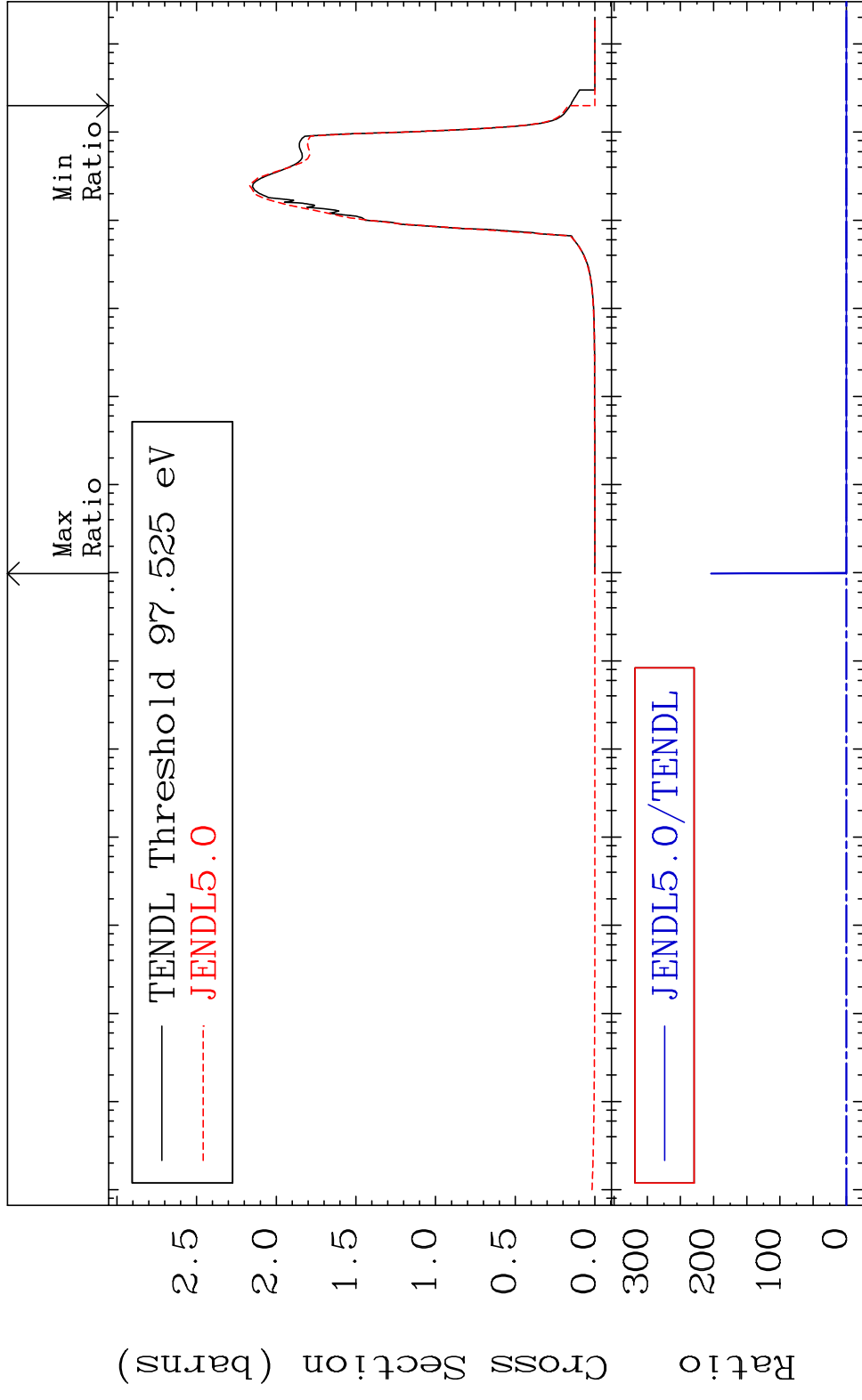
MAT 4126

Inelastic

41-Nb-93m

Cross Section

-100.0 To 9999. %

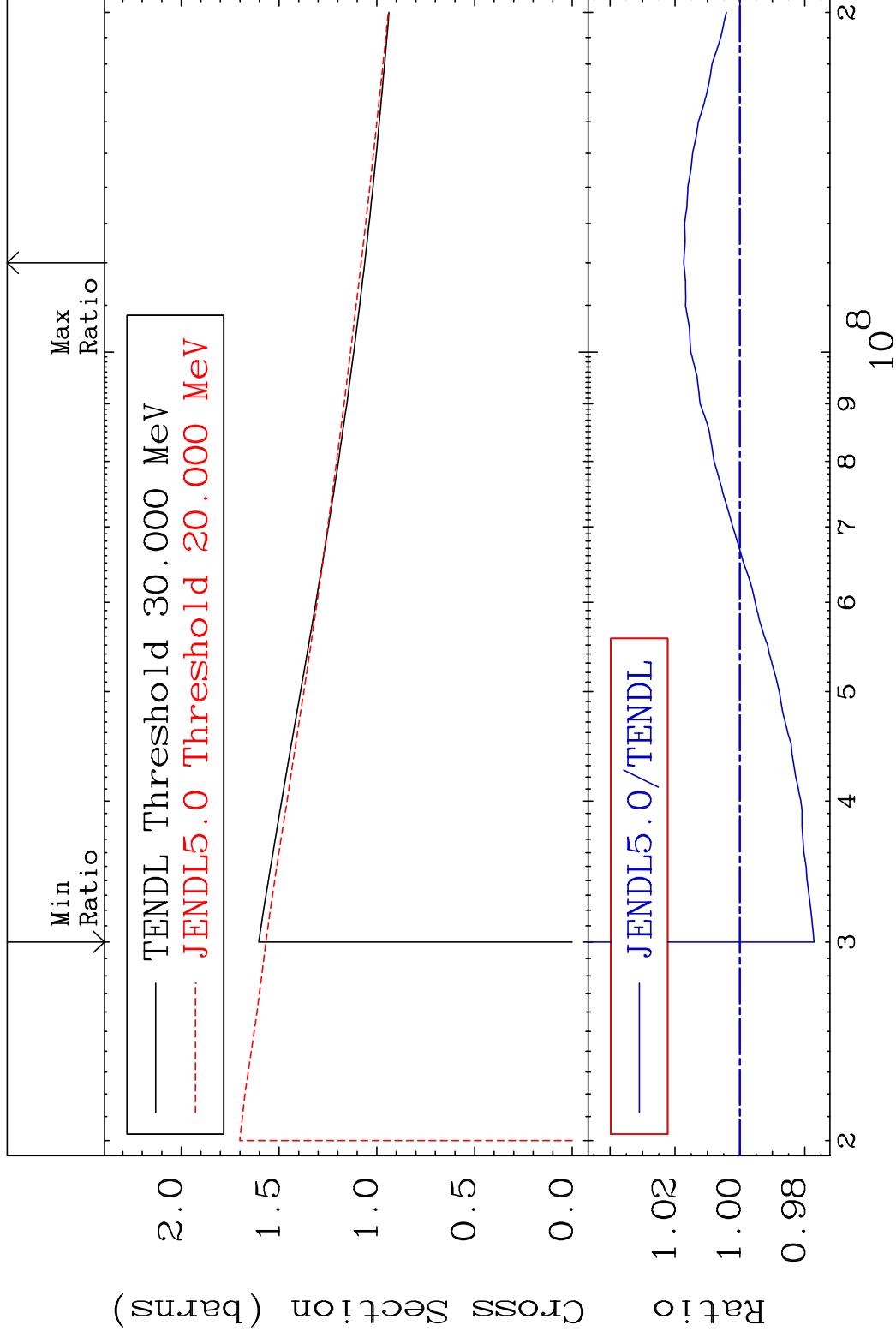


MAT 4126

(n, remainder)

41-Nb-93m

Cross Section -2.290 To 1.733 %



4

Incident Energy (eV)

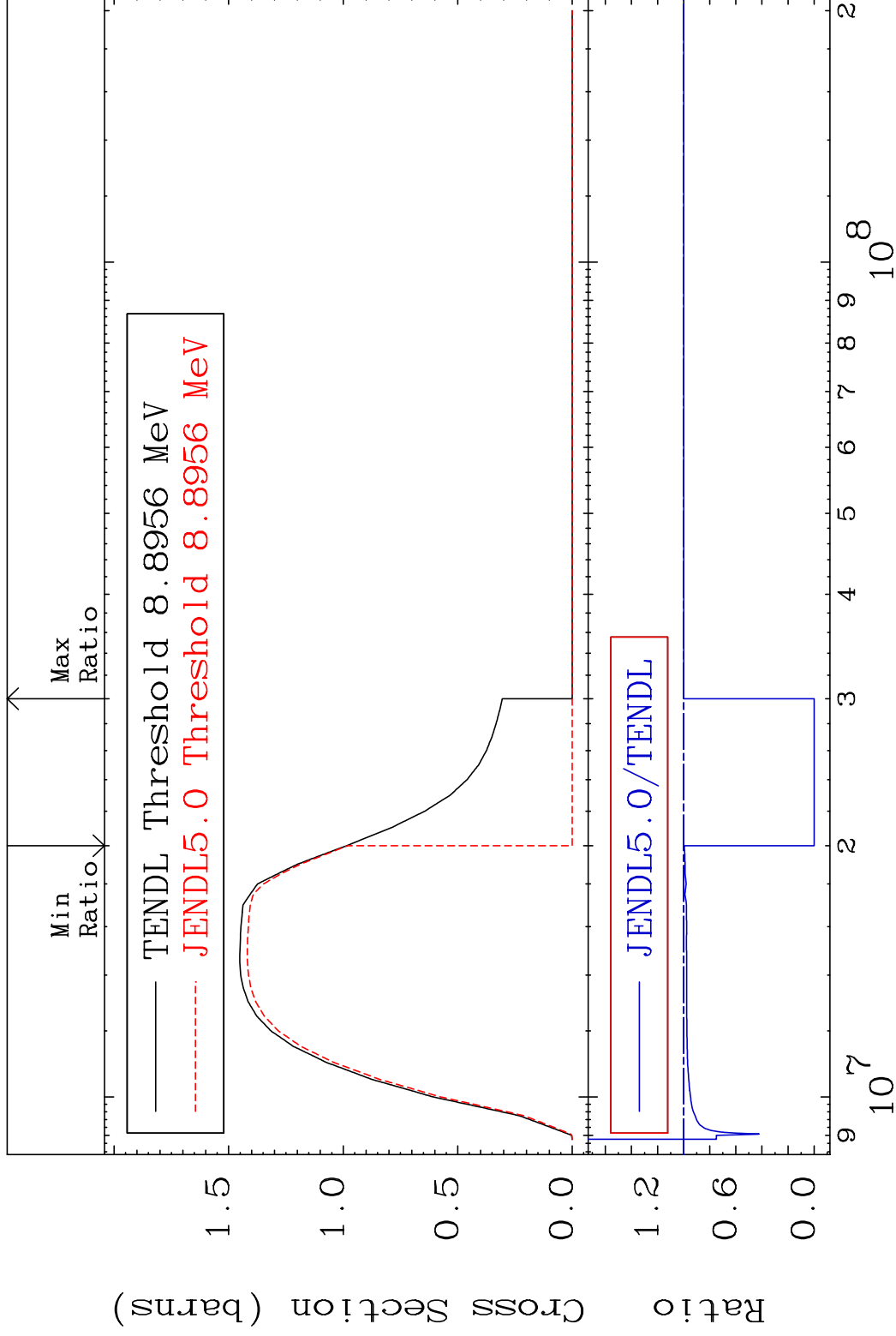
41-Nb-93m

MAT 4126

(n,2n)

41-Nb-93m

Cross Section -100.0 To 0.000 %



5

Incident Energy (eV)

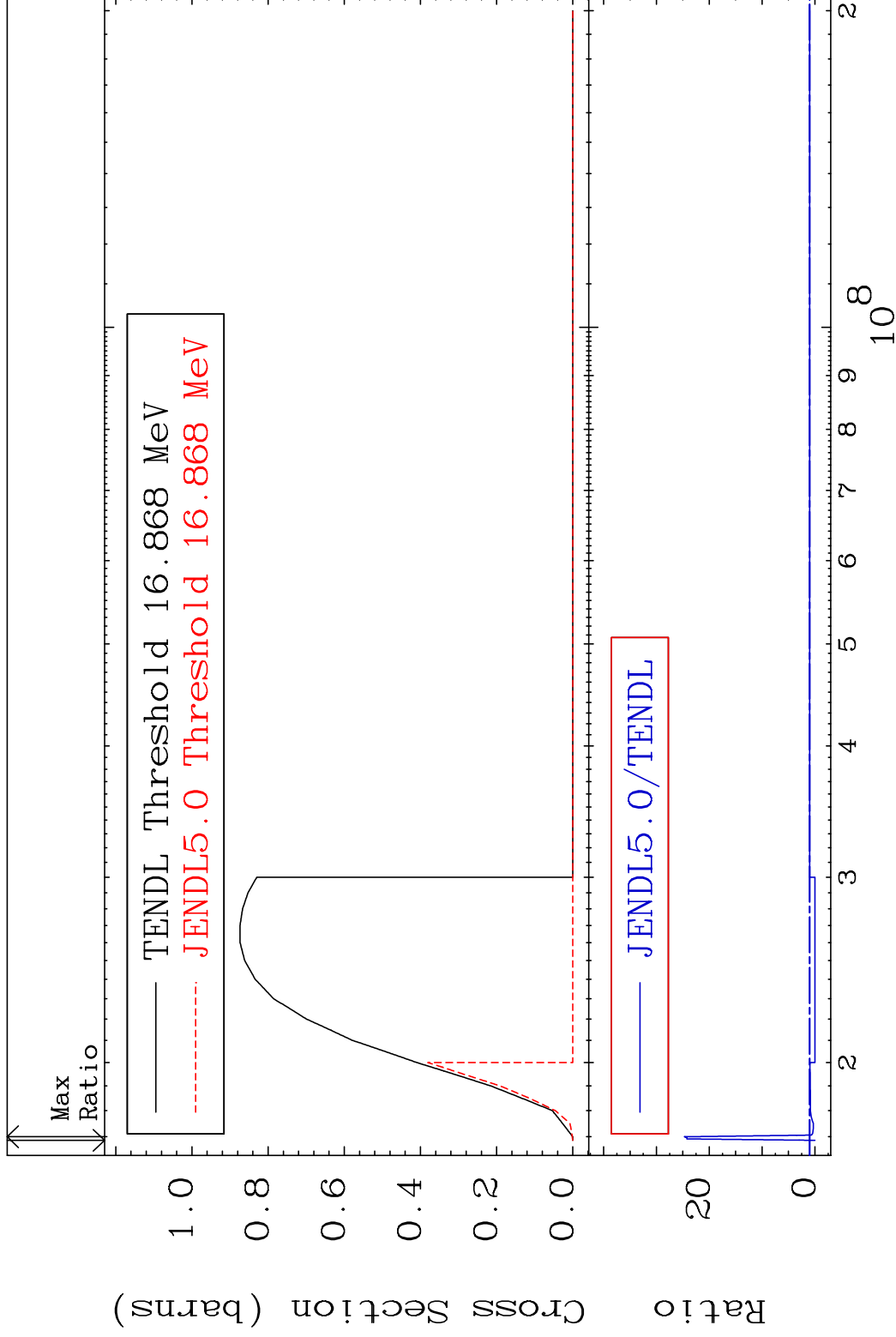
41-Nb-93m

MAT 4126

(n,3n)

41-Nb-93m

Cross Section -100.0 To 2373. %

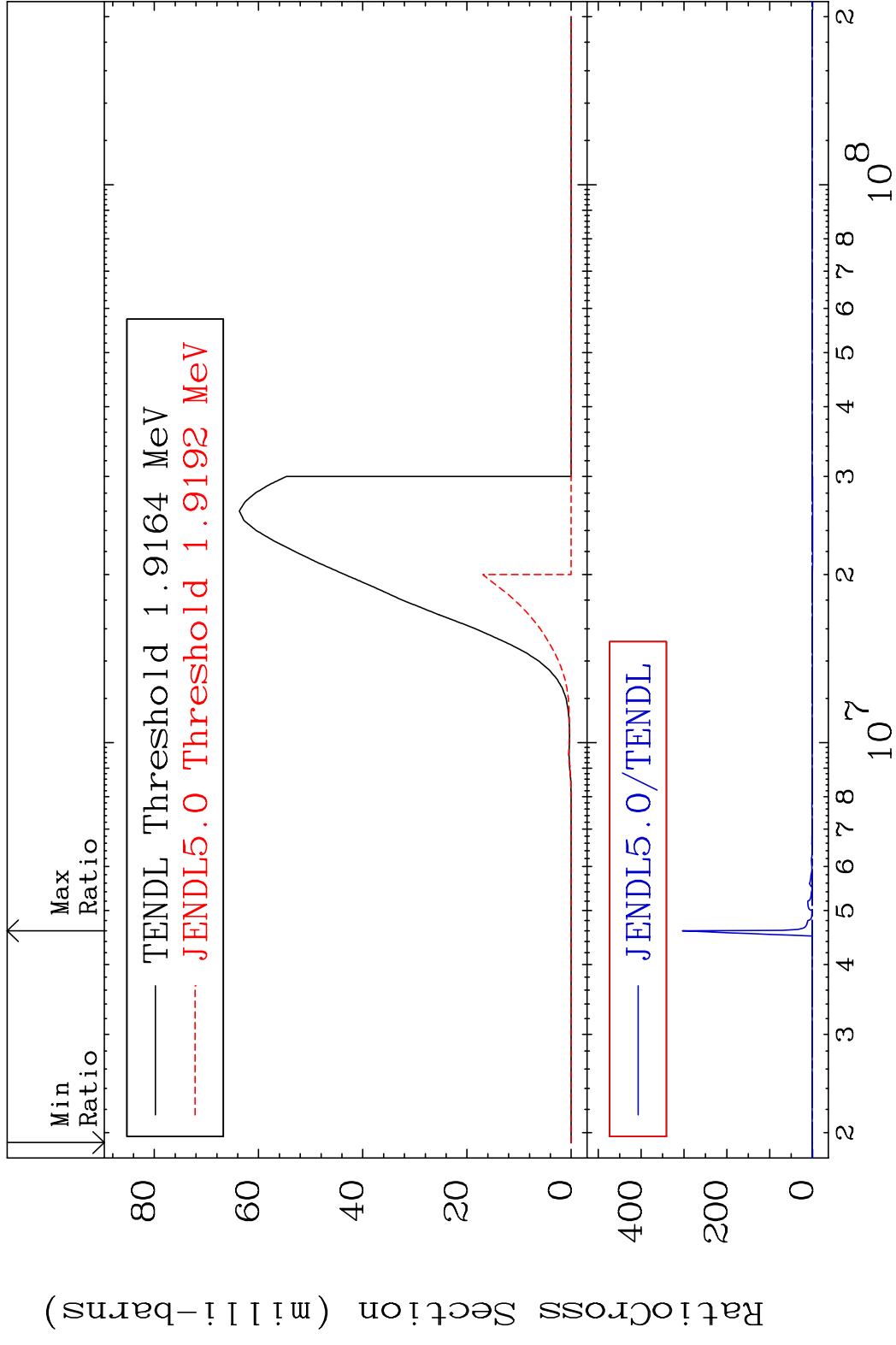


6

Incident Energy (eV)

41-Nb-93m

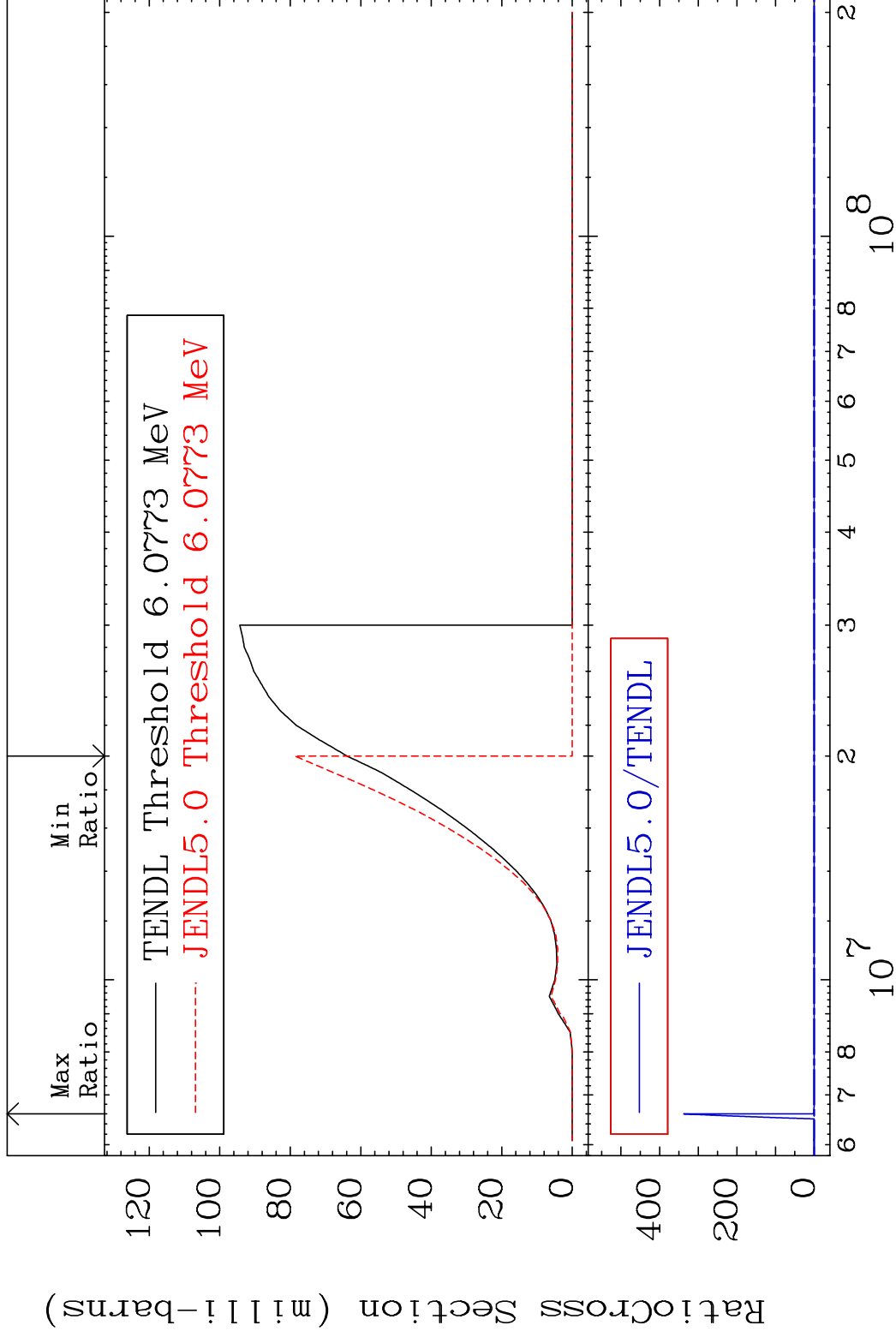
MAT 4126 (n, n') α 41-Nb-93m
 Cross Section -100.0 To 9999. %



7 41-Nb-93m

MAT 4126

(n, n') p 41-Nb-93m
Cross Section -100.0 To 9999. %

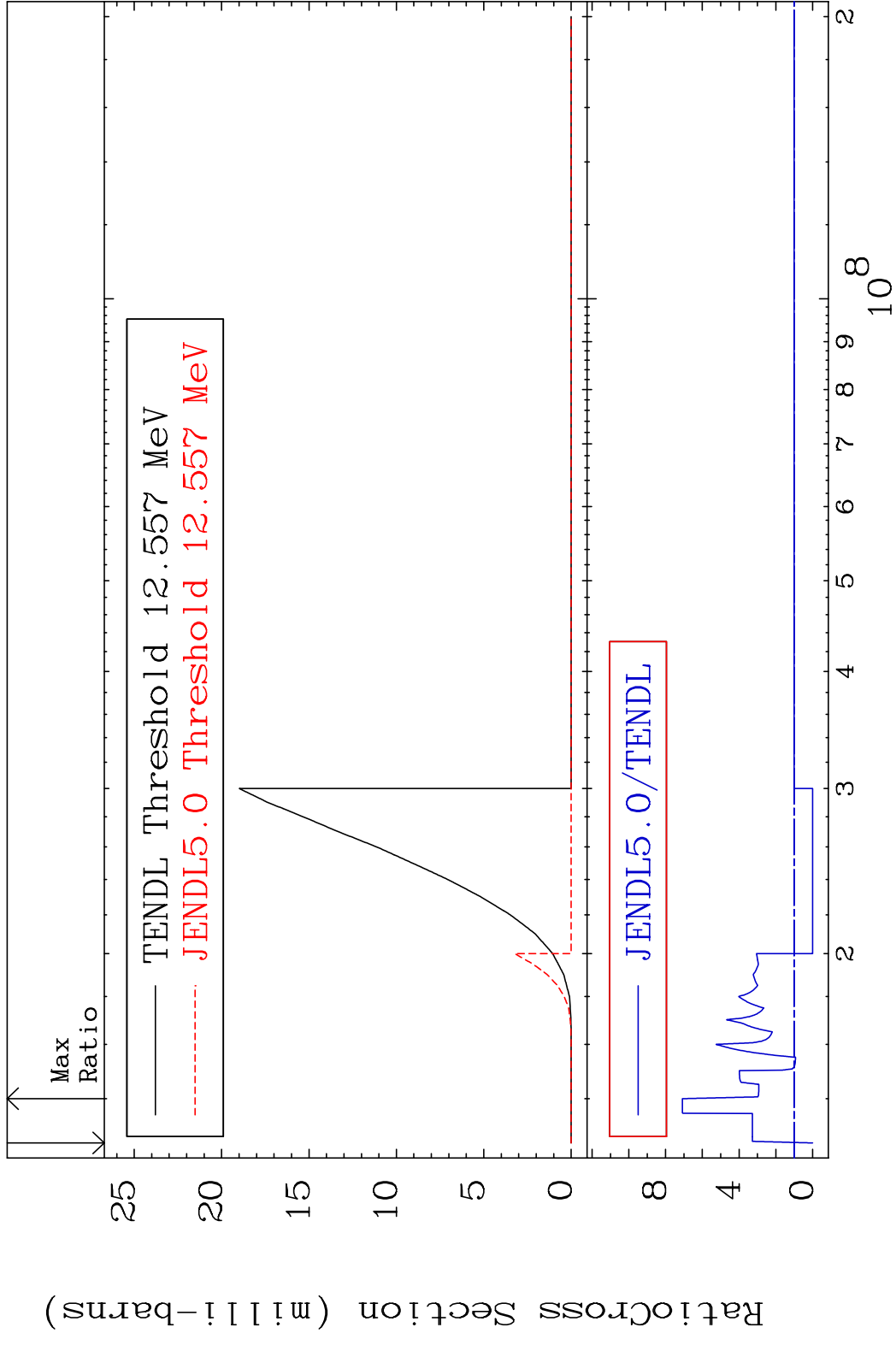


8

Incident Energy (eV)

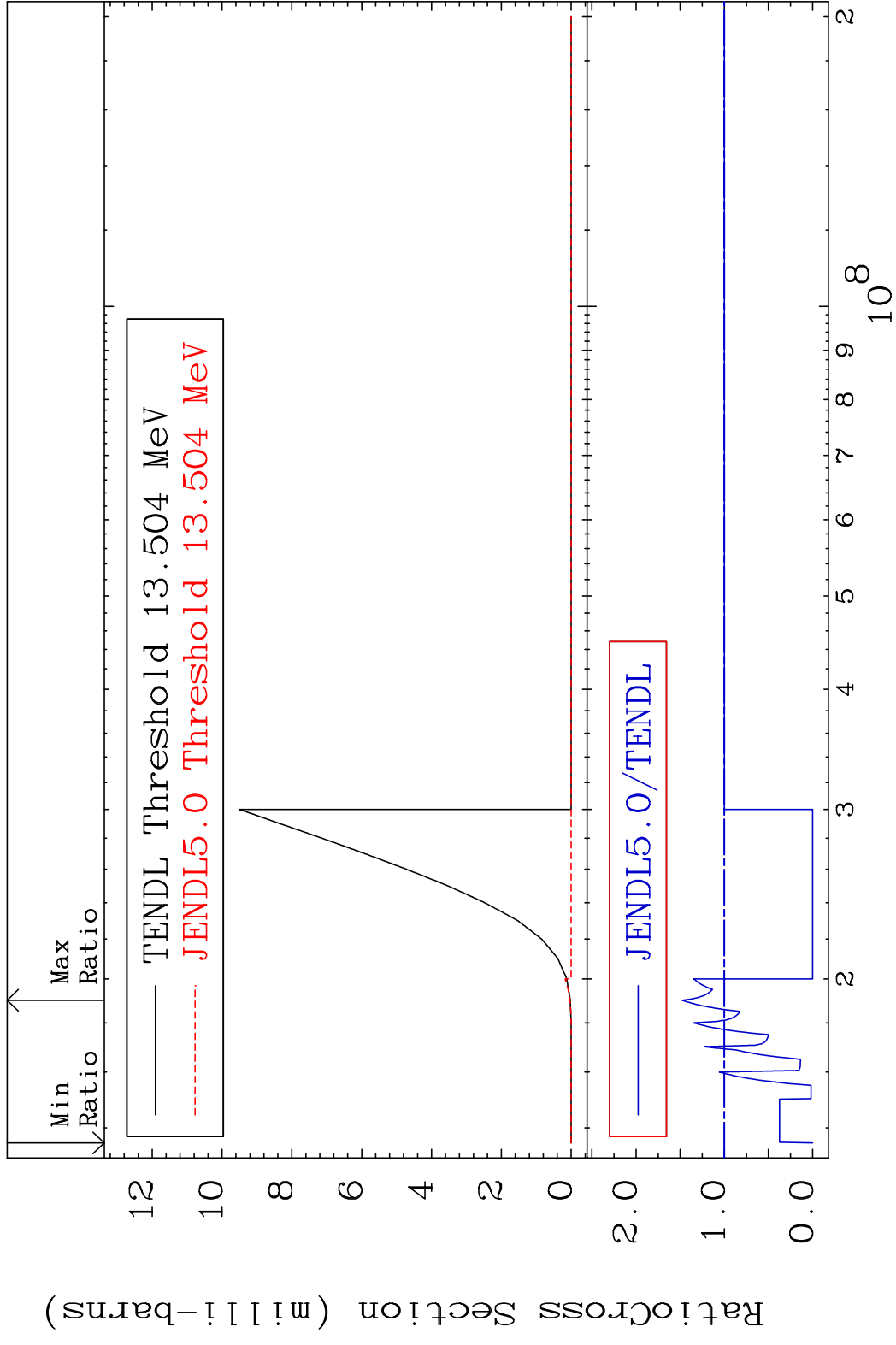
41-Nb-93m

MAT 4126 (n, n') d 41-Nb-93m
 Cross Section -100.0 To 608.8 %



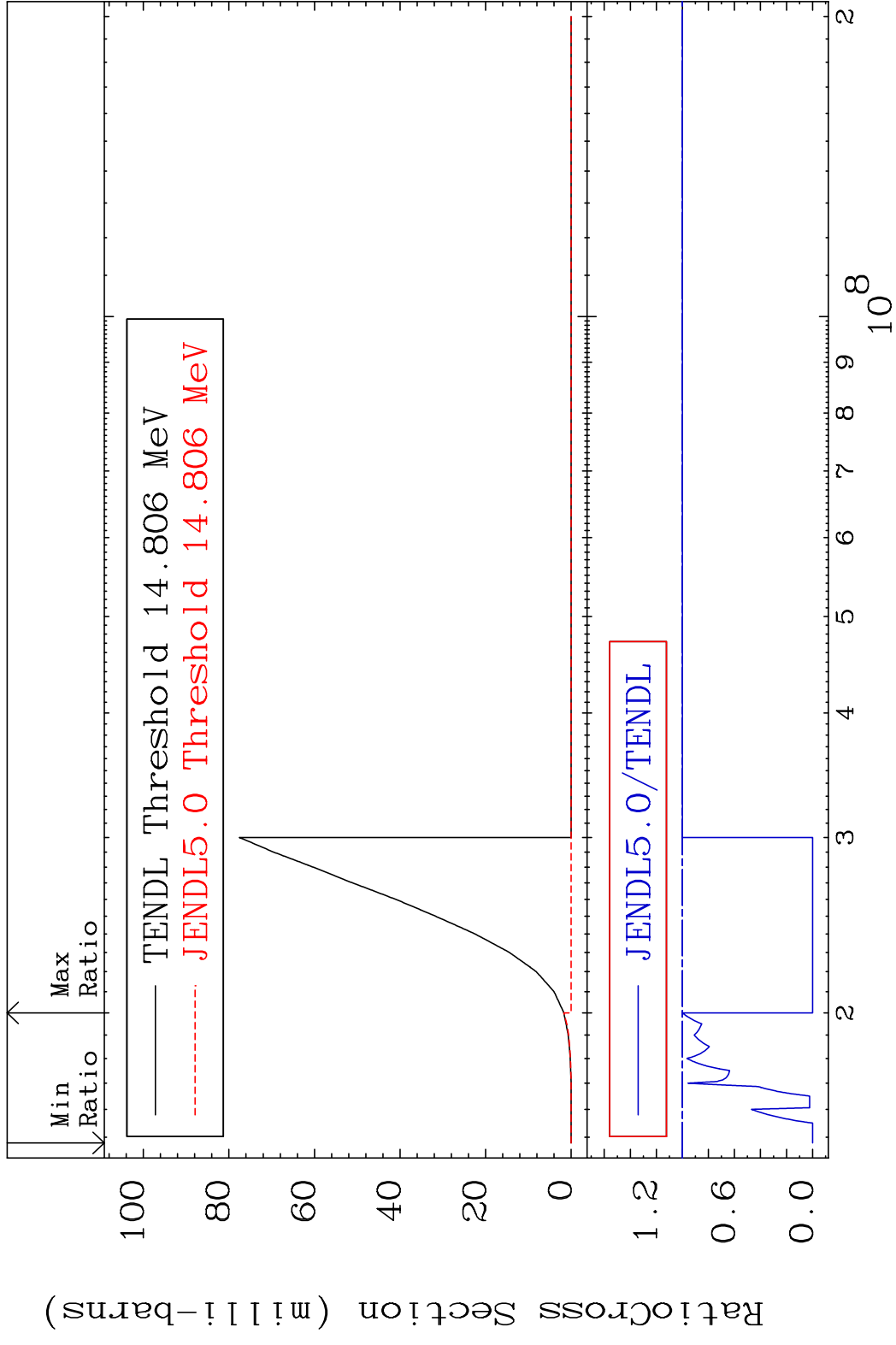
9 Incident Energy (eV) 41-Nb-93m

MAT 4126 (n, n') t 41-Nb-93m
 Cross Section -100.0 To 47.53 %

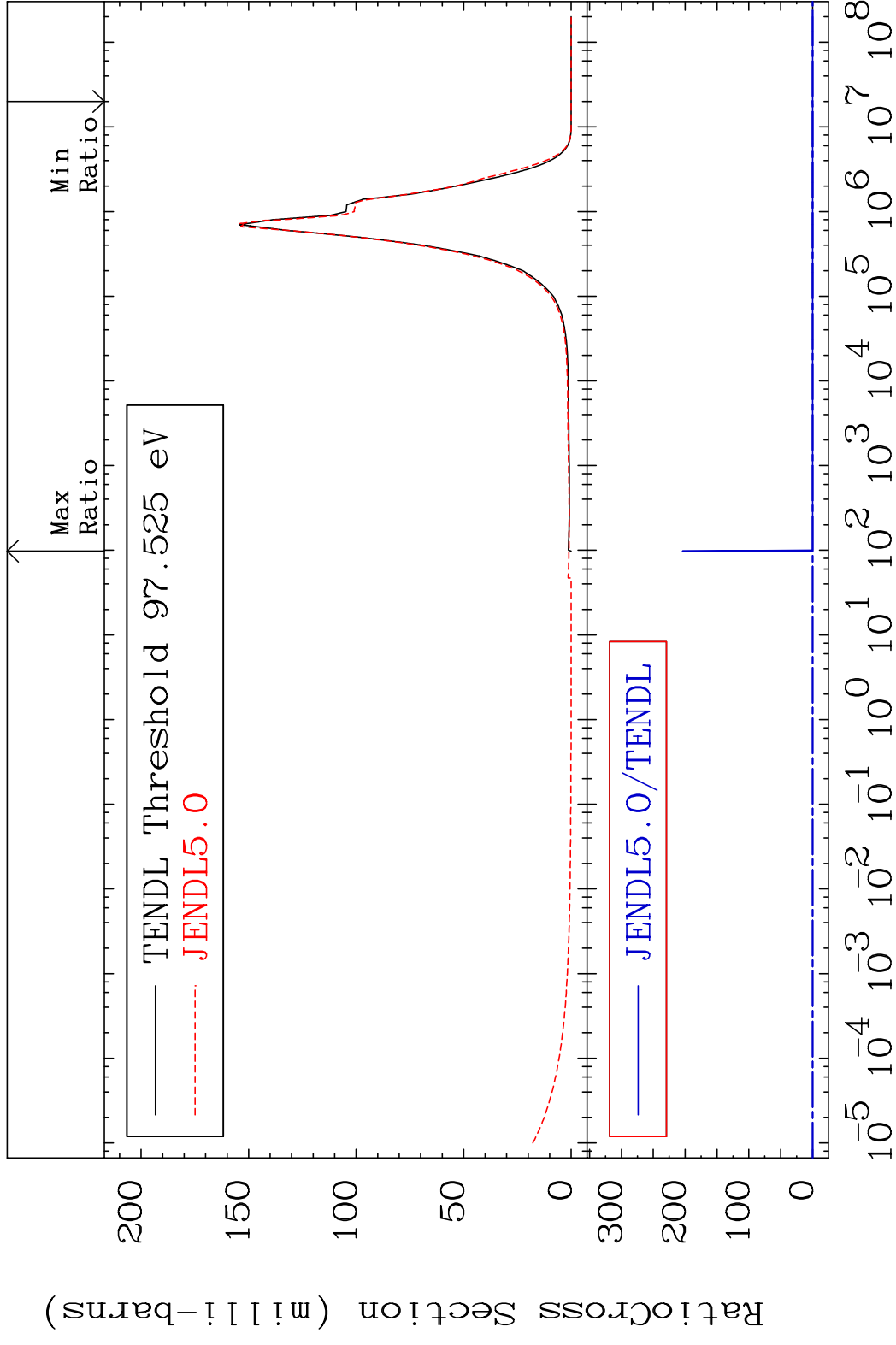


10 Incident Energy (eV) 41-Nb-93m

MAT 4126 (n,2n) p 41-Nb-93m
 Cross Section -100.0 To 0.019 %

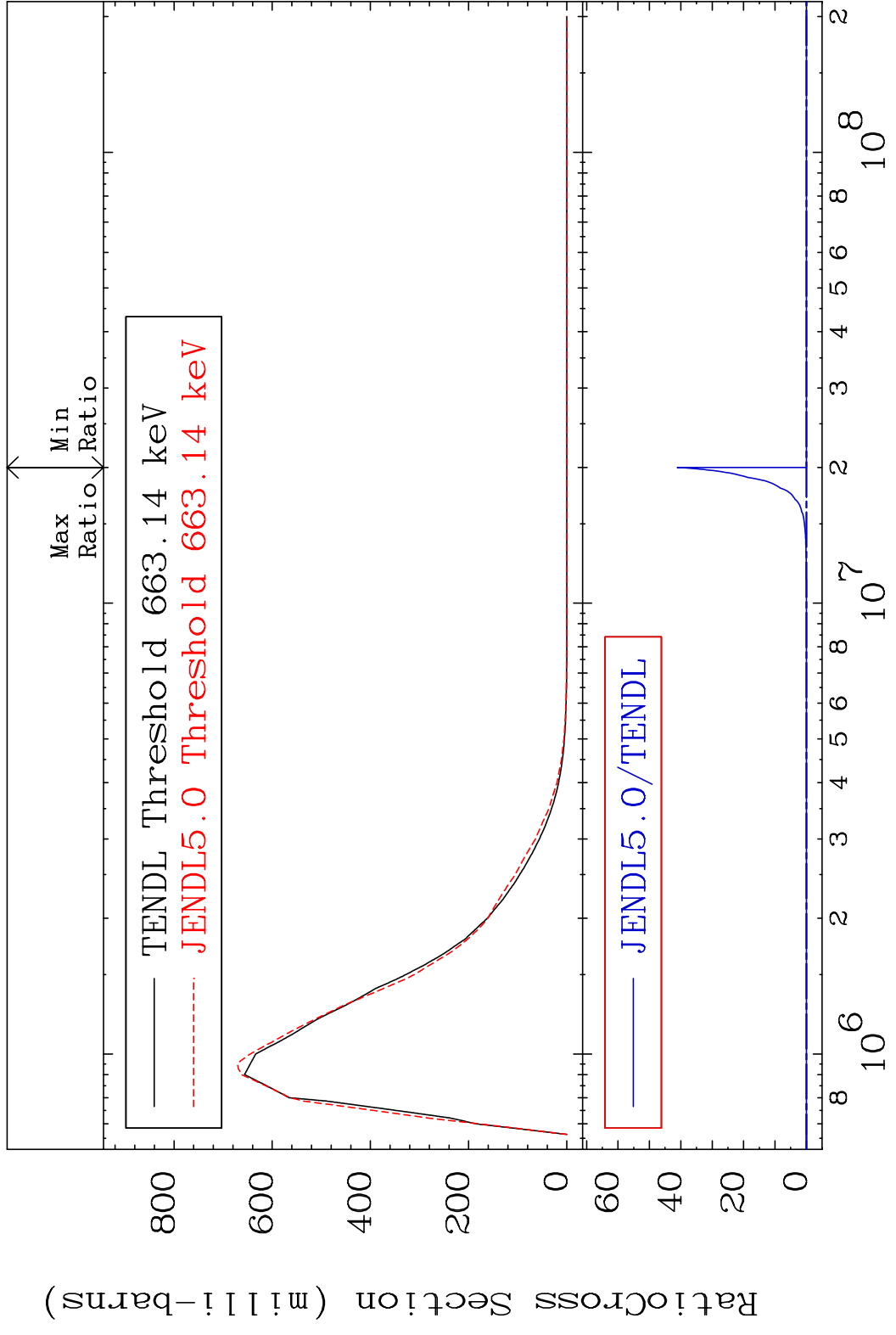


MAT 4126 MT= 51 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %

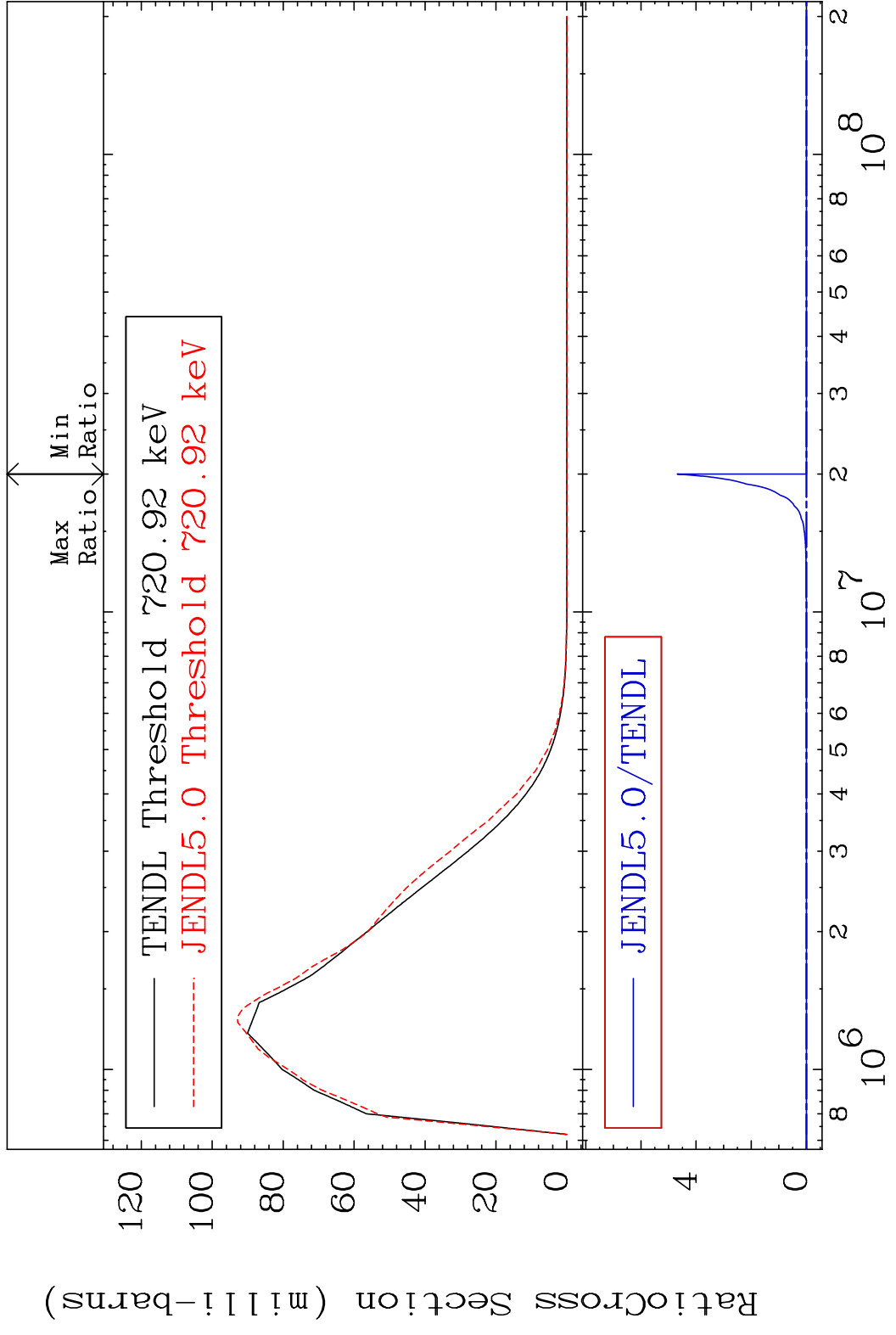


12 Incident Energy (eV) 41-Nb-93m

MAT 4126 MT= 52 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %

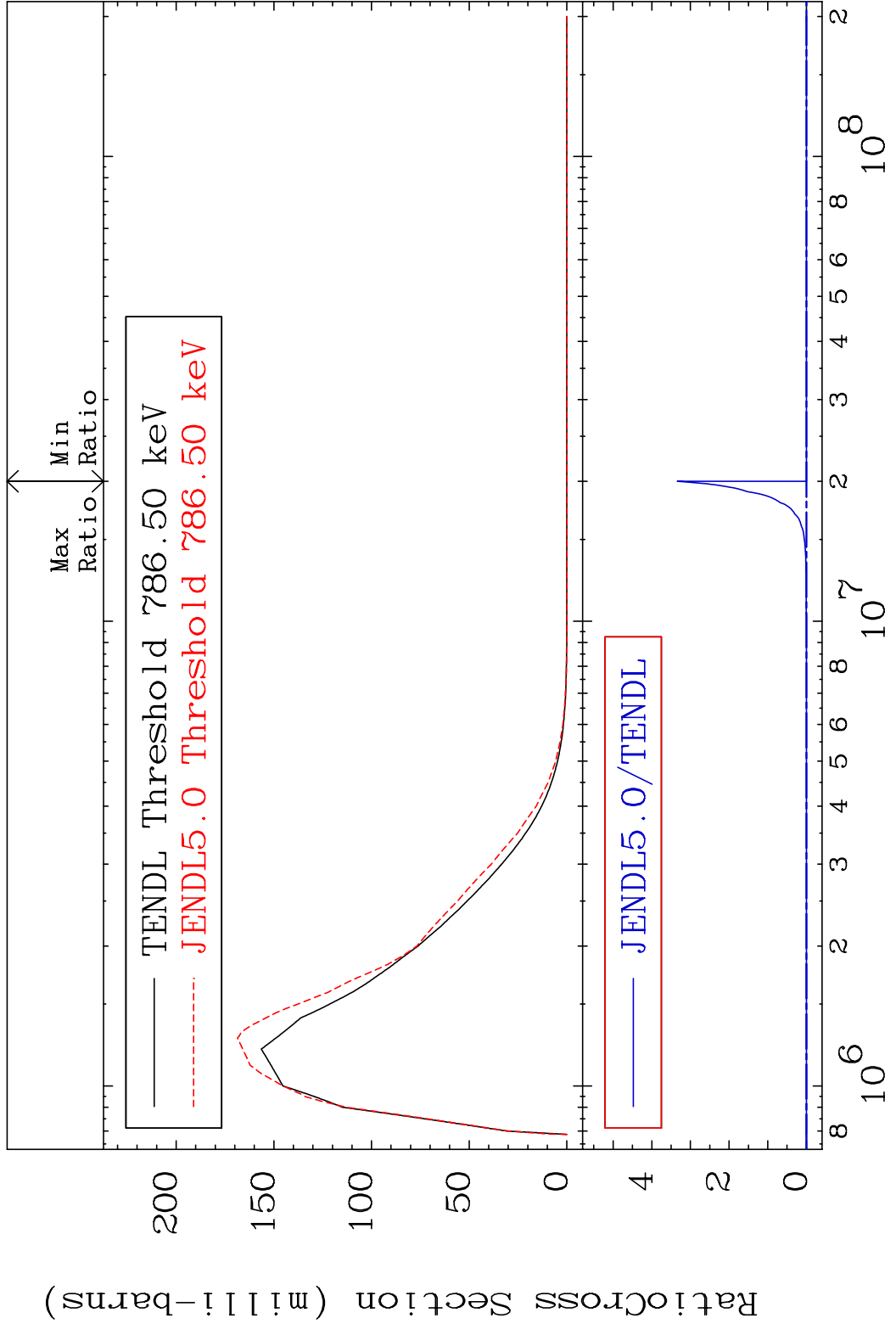


MAT 4126 MT= 53 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



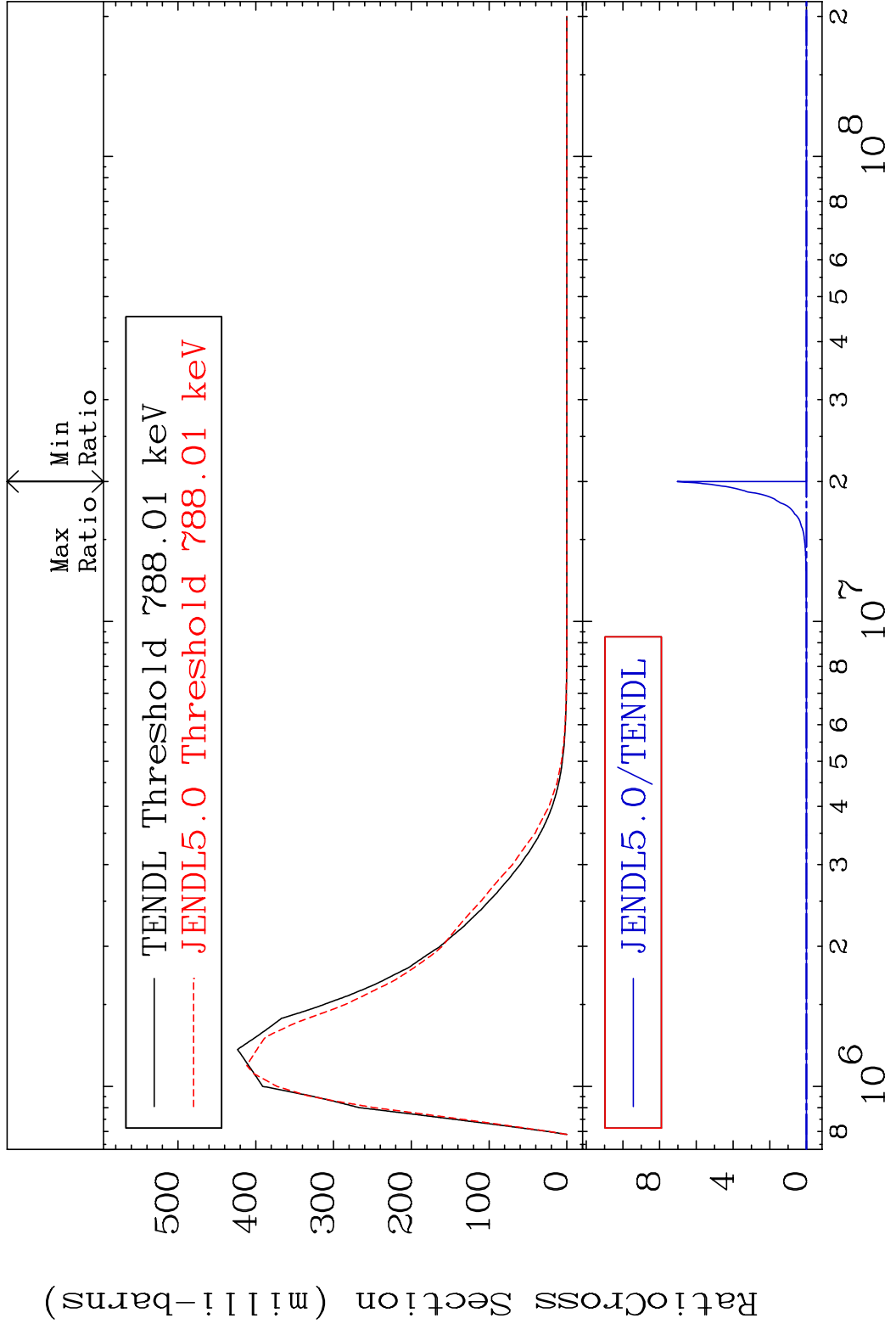
14 Incident Energy (eV) 41-Nb-93m

MAT 4126 MT= 54 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



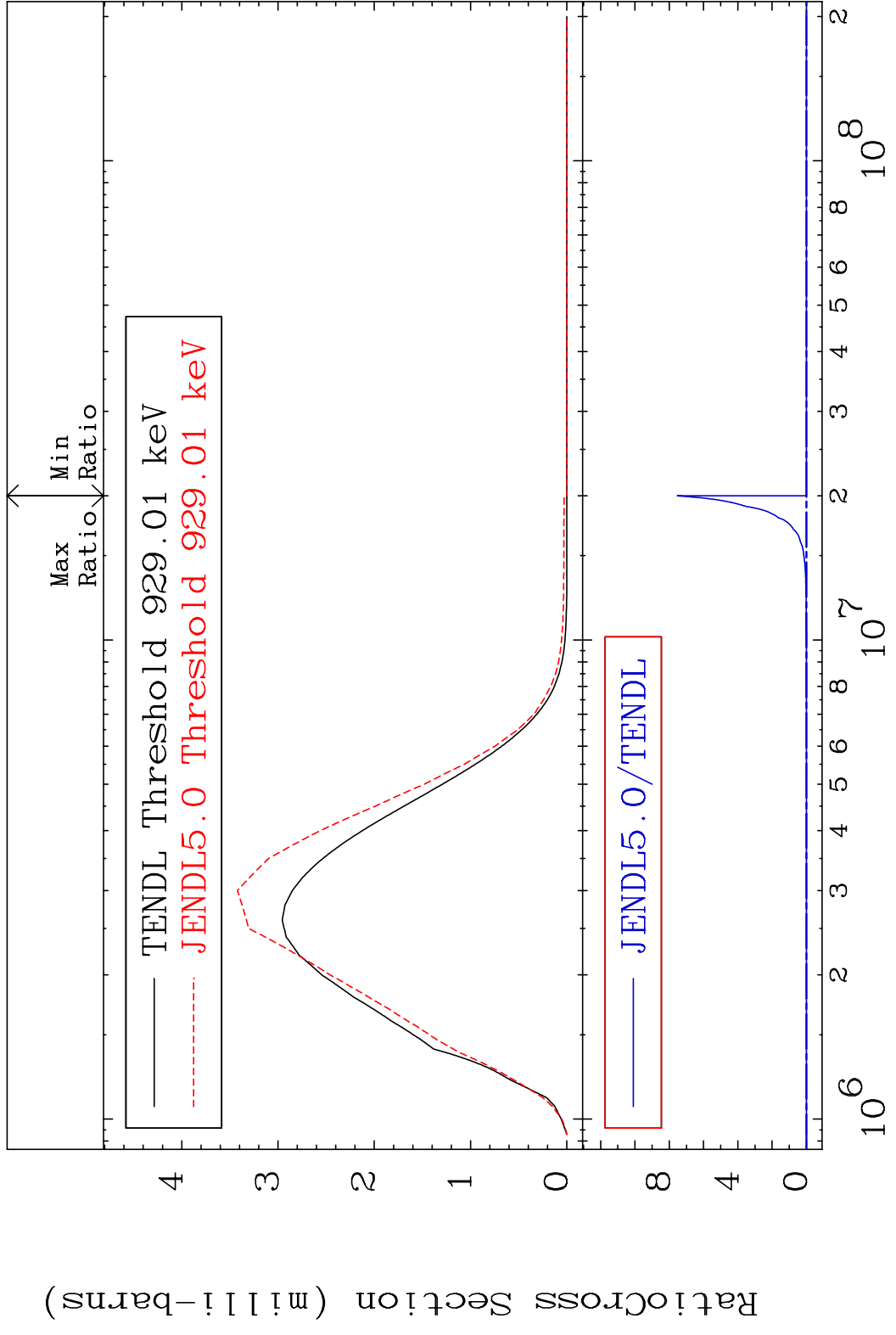
15 Incident Energy (eV) 41-Nb-93m

MAT 4126 MT= 55 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



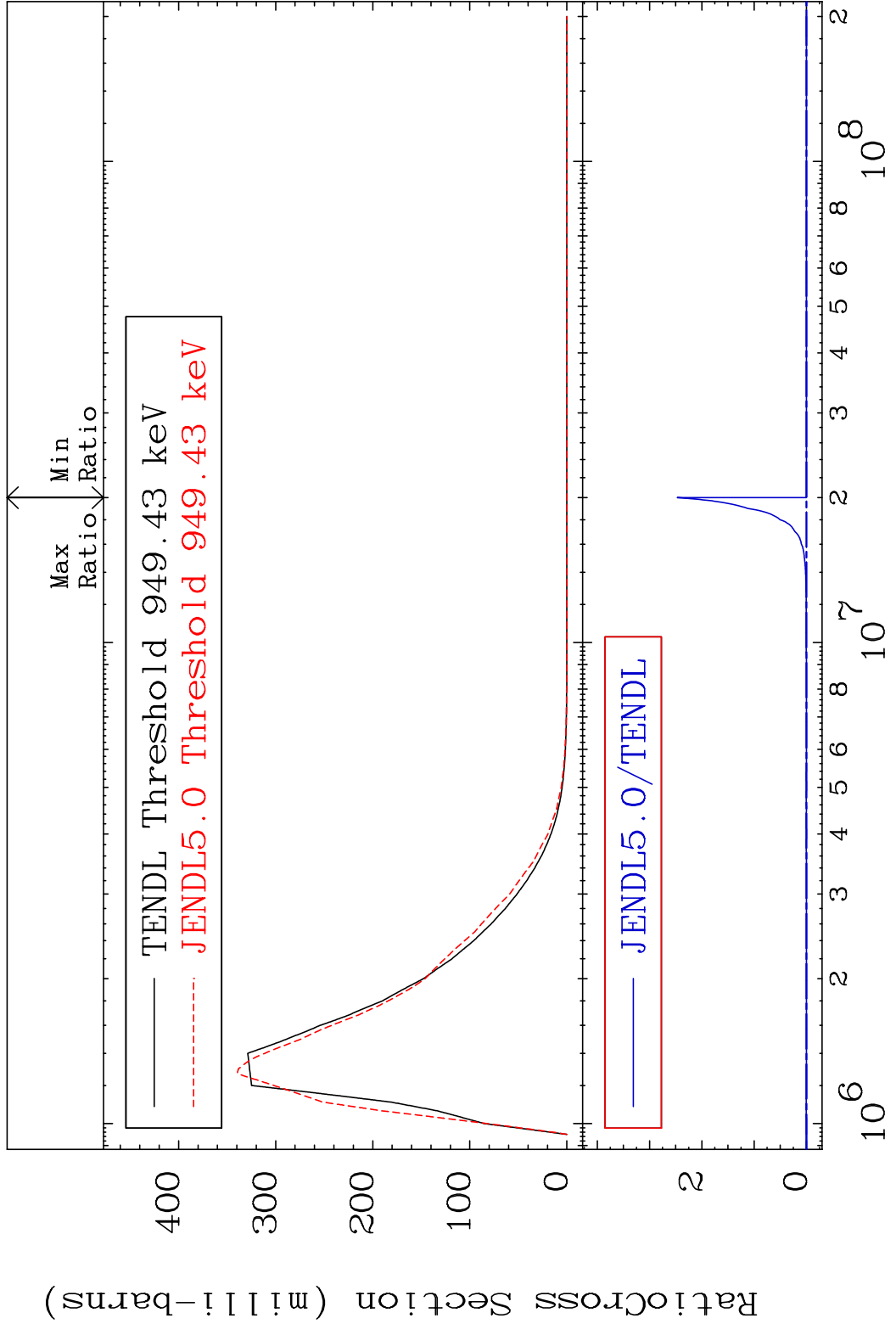
16 Incident Energy (eV) 41-Nb-93m

MAT 4126 MT= 56 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



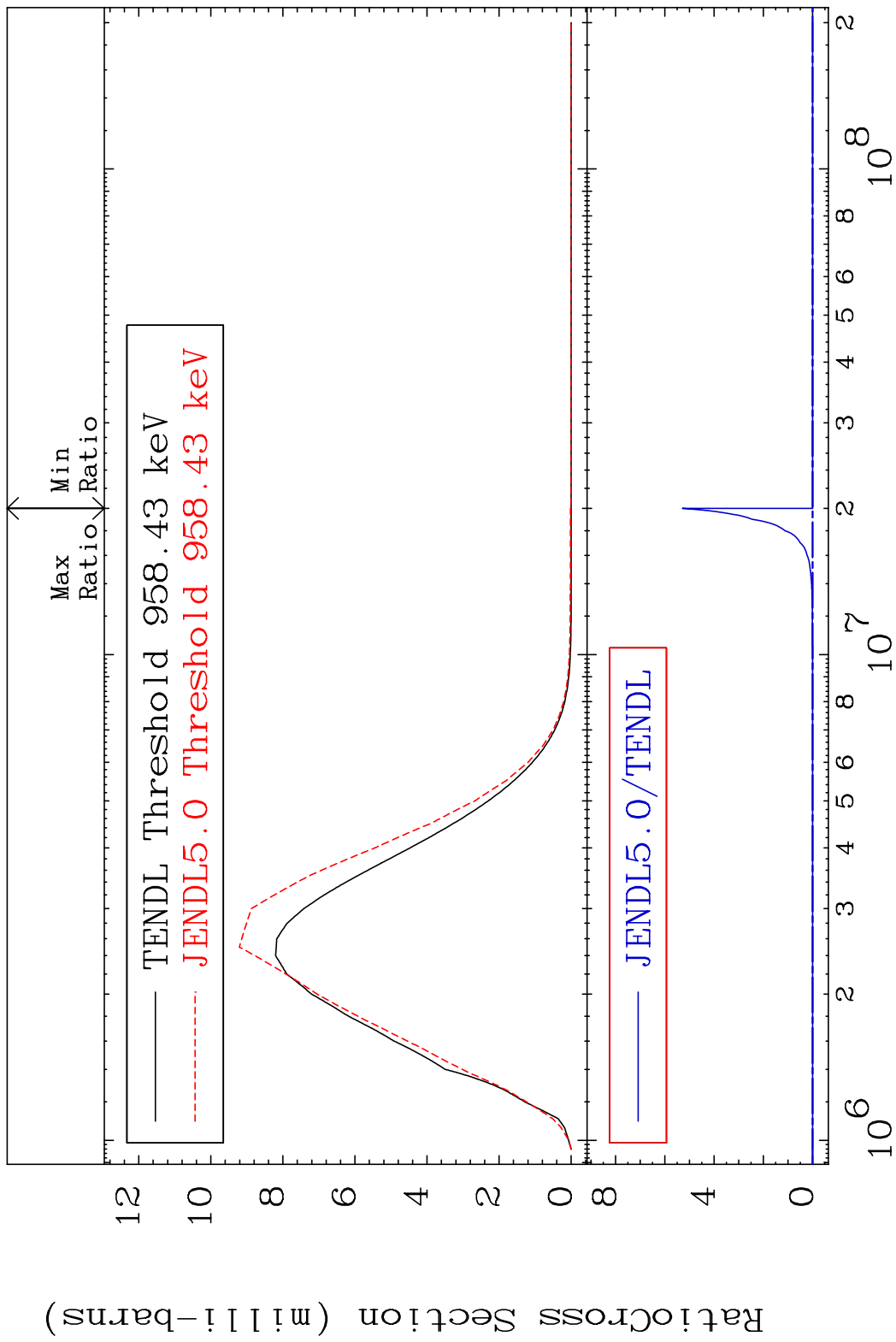
17 Incident Energy (eV) 41-Nb-93m

MAT 4126 MT= 57 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



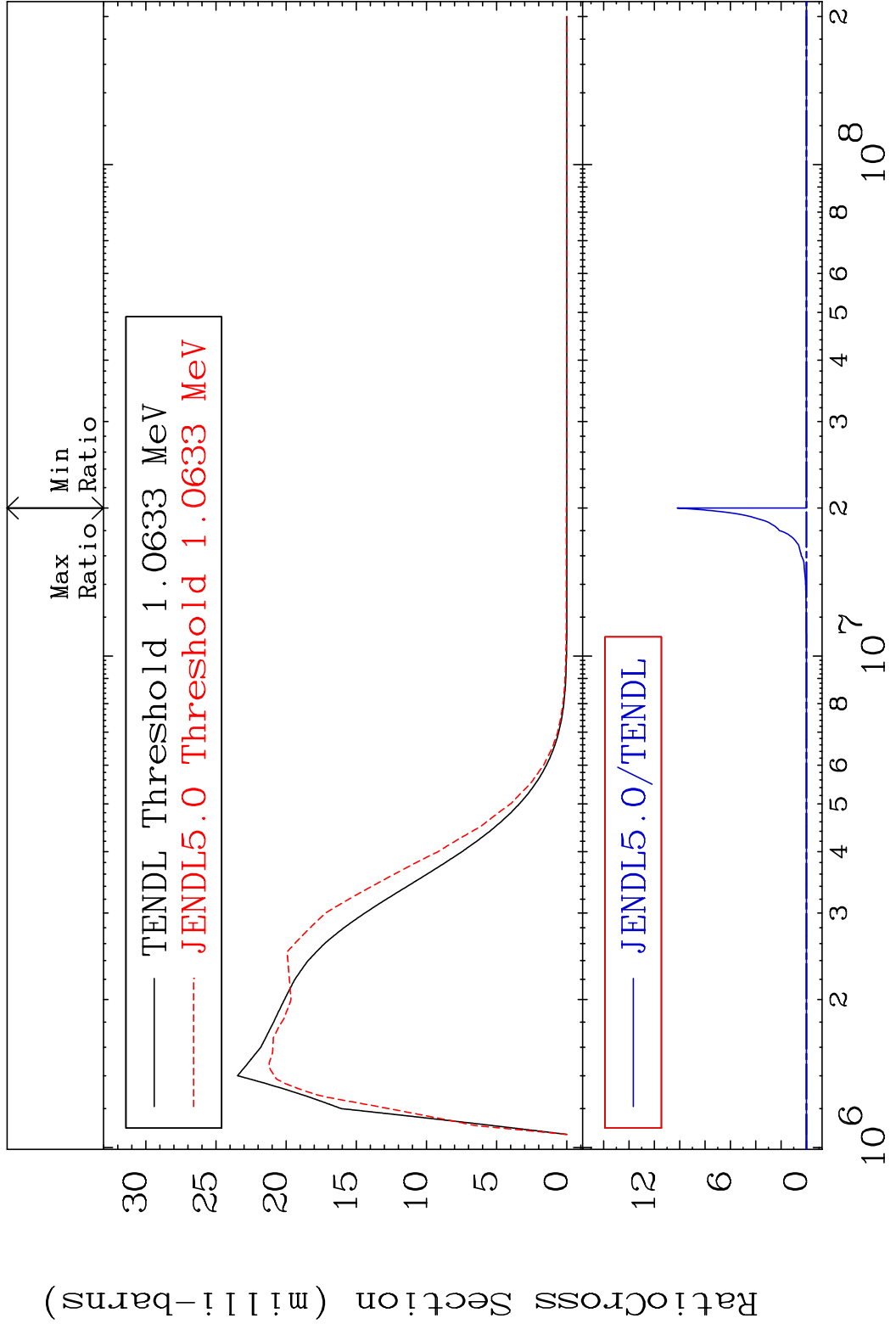
18 Incident Energy (eV) 41-Nb-93m

MAT 4126 MT= 58 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



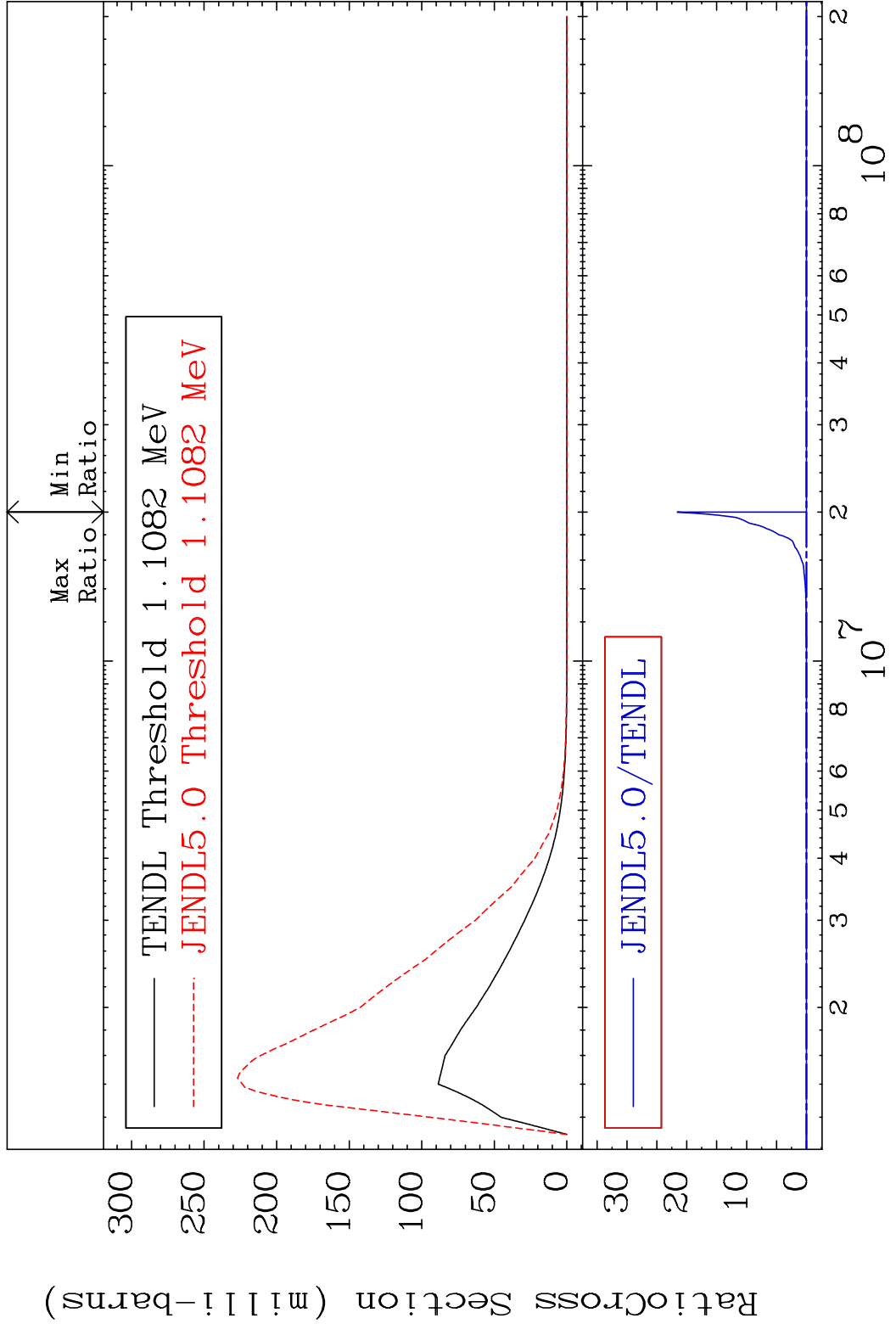
19 Incident Energy (eV) 41-Nb-93m

MAT 4126 MT= 59 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %

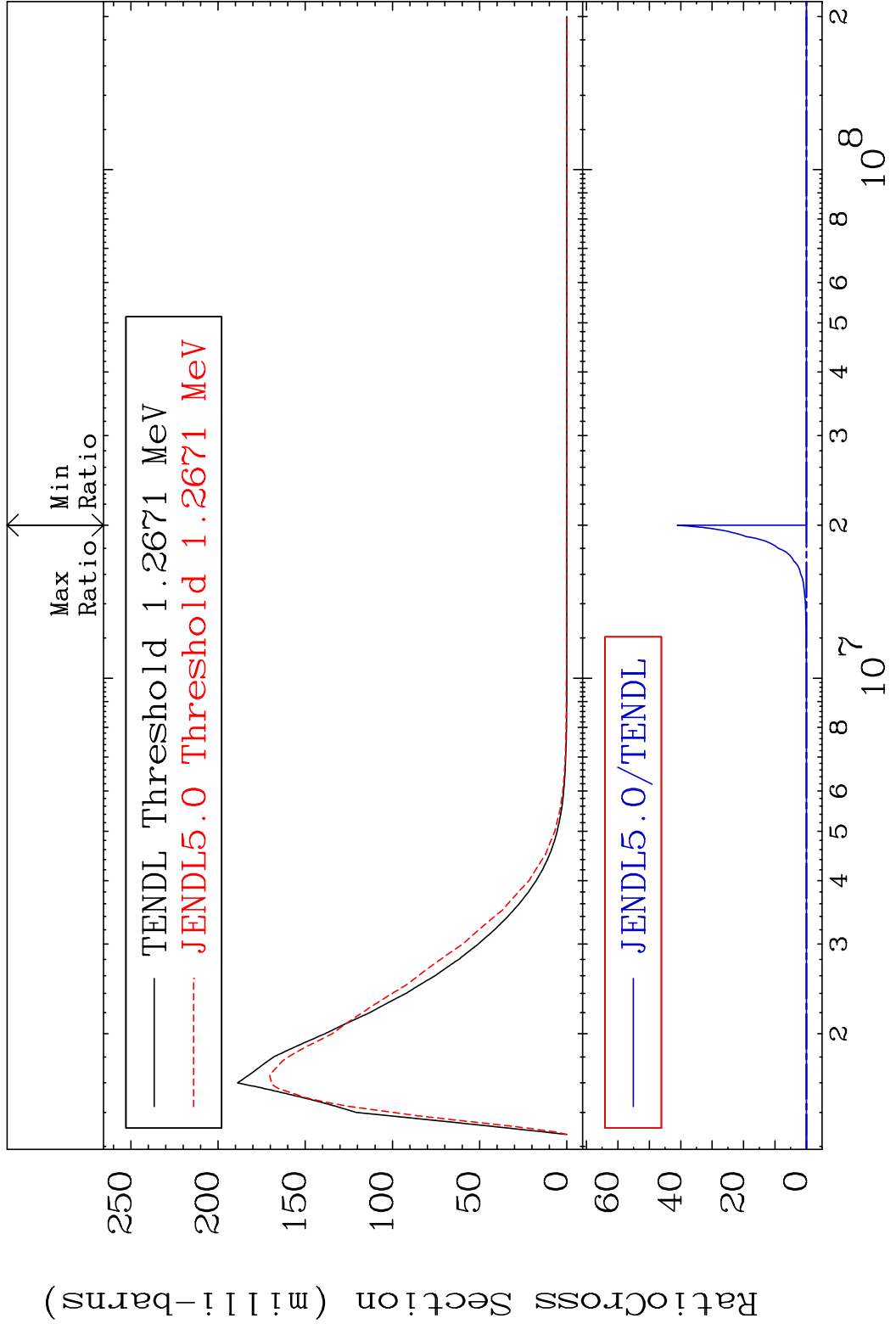


20 Incident Energy (eV) 41-Nb-93m

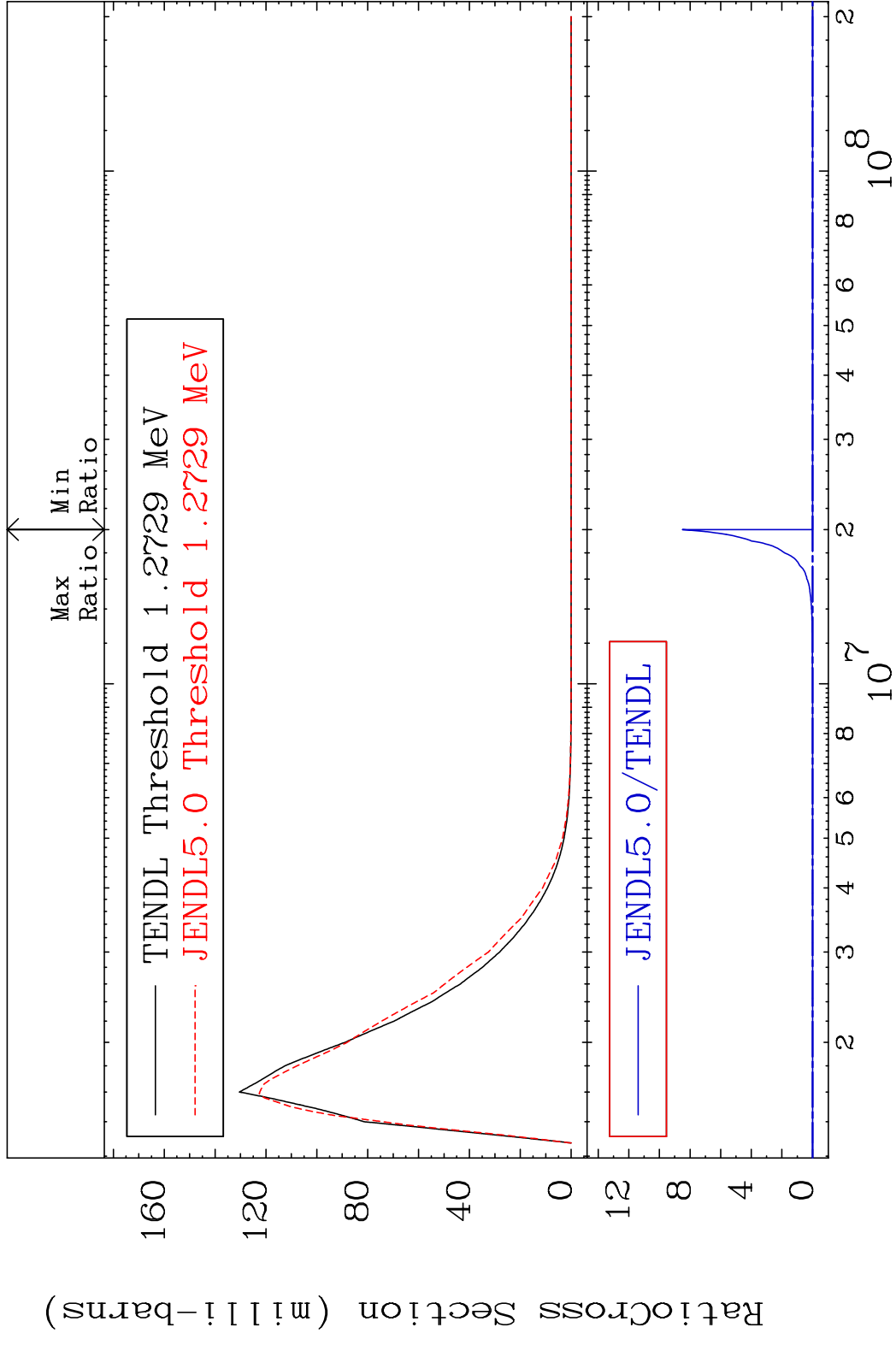
MAT 4126 MT= 60 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



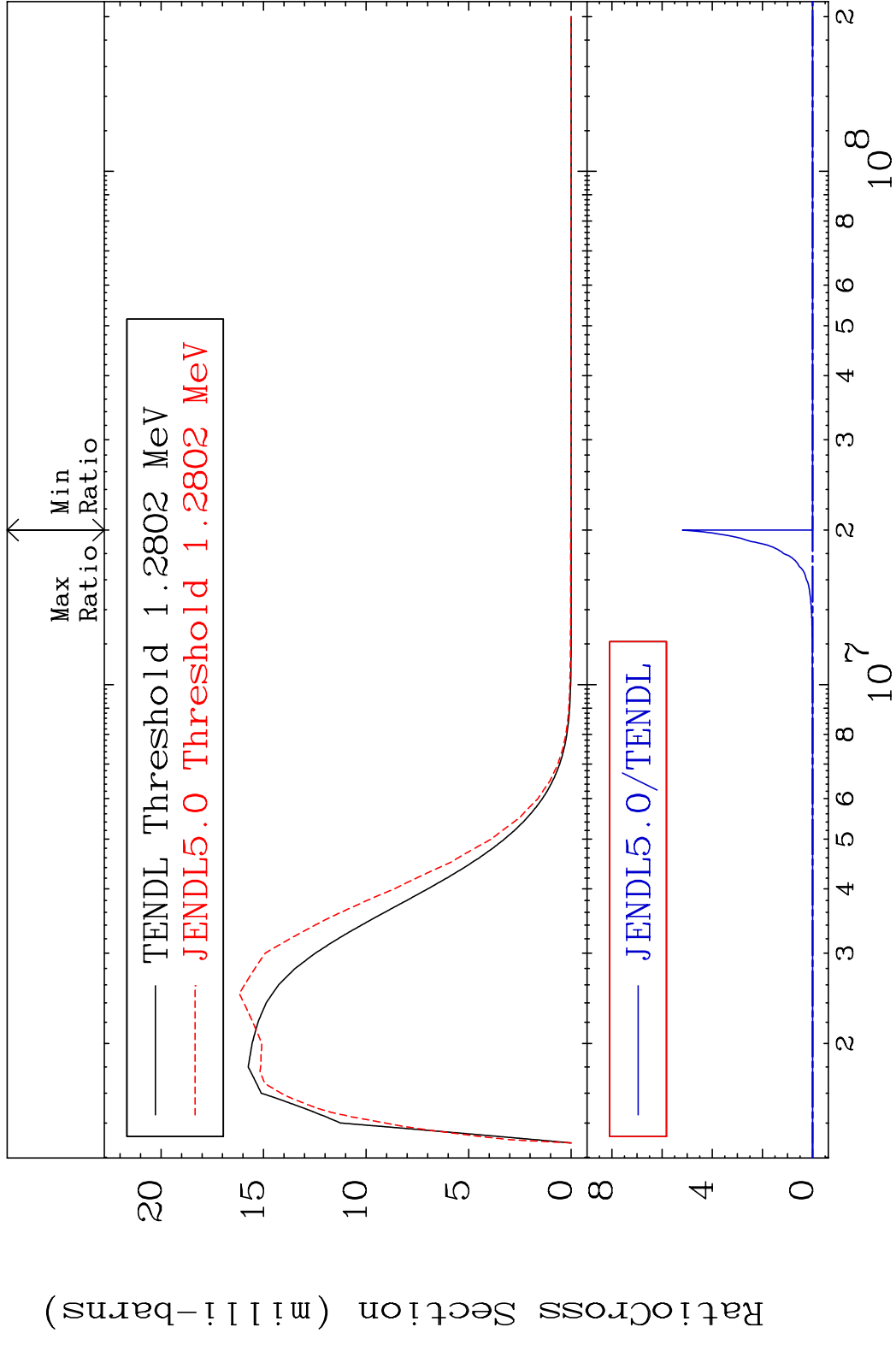
MAT 4126 MT= 61 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



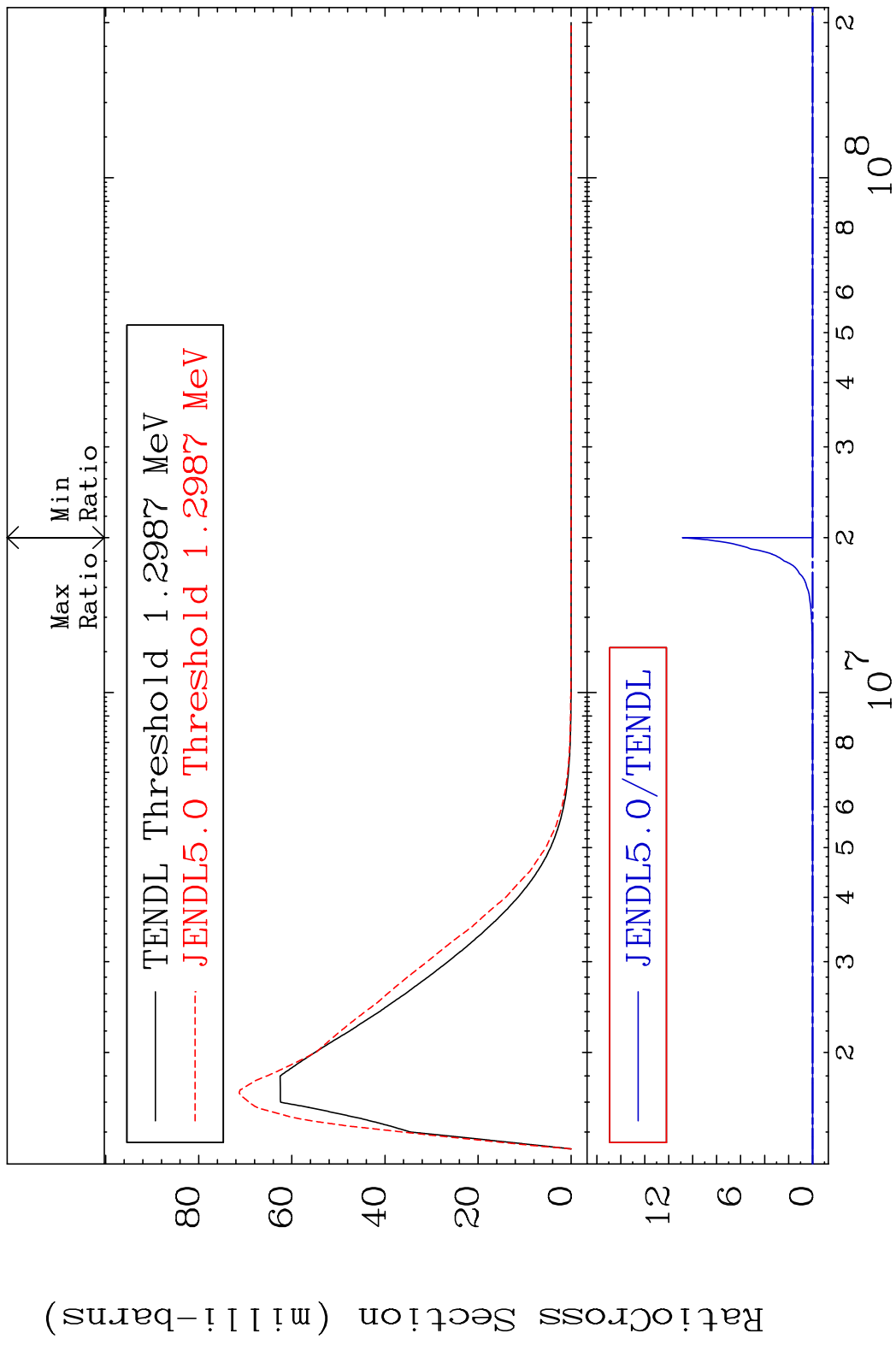
MAT 4126 MT= 62 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



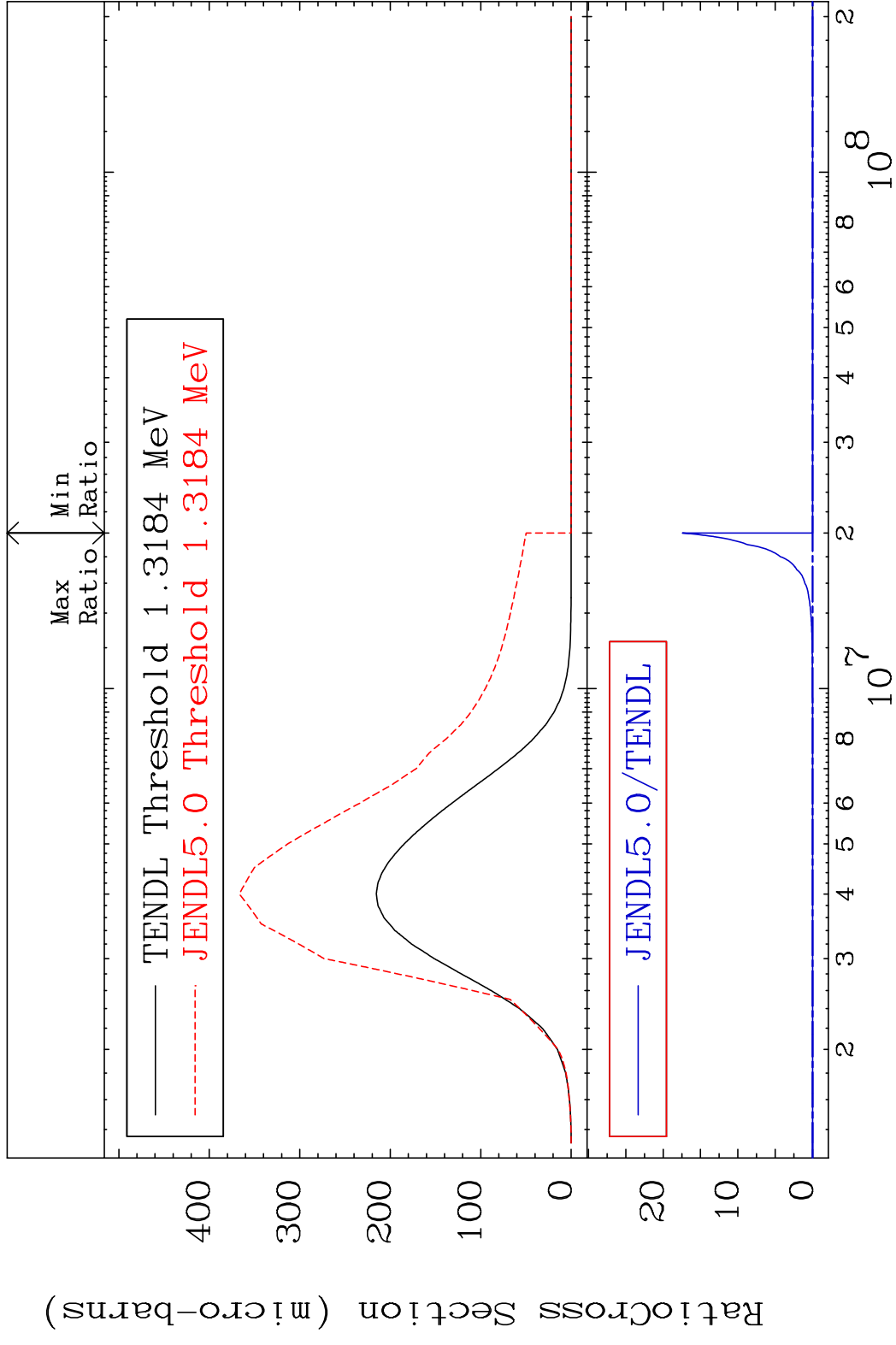
MAT 4126 MT= 63 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



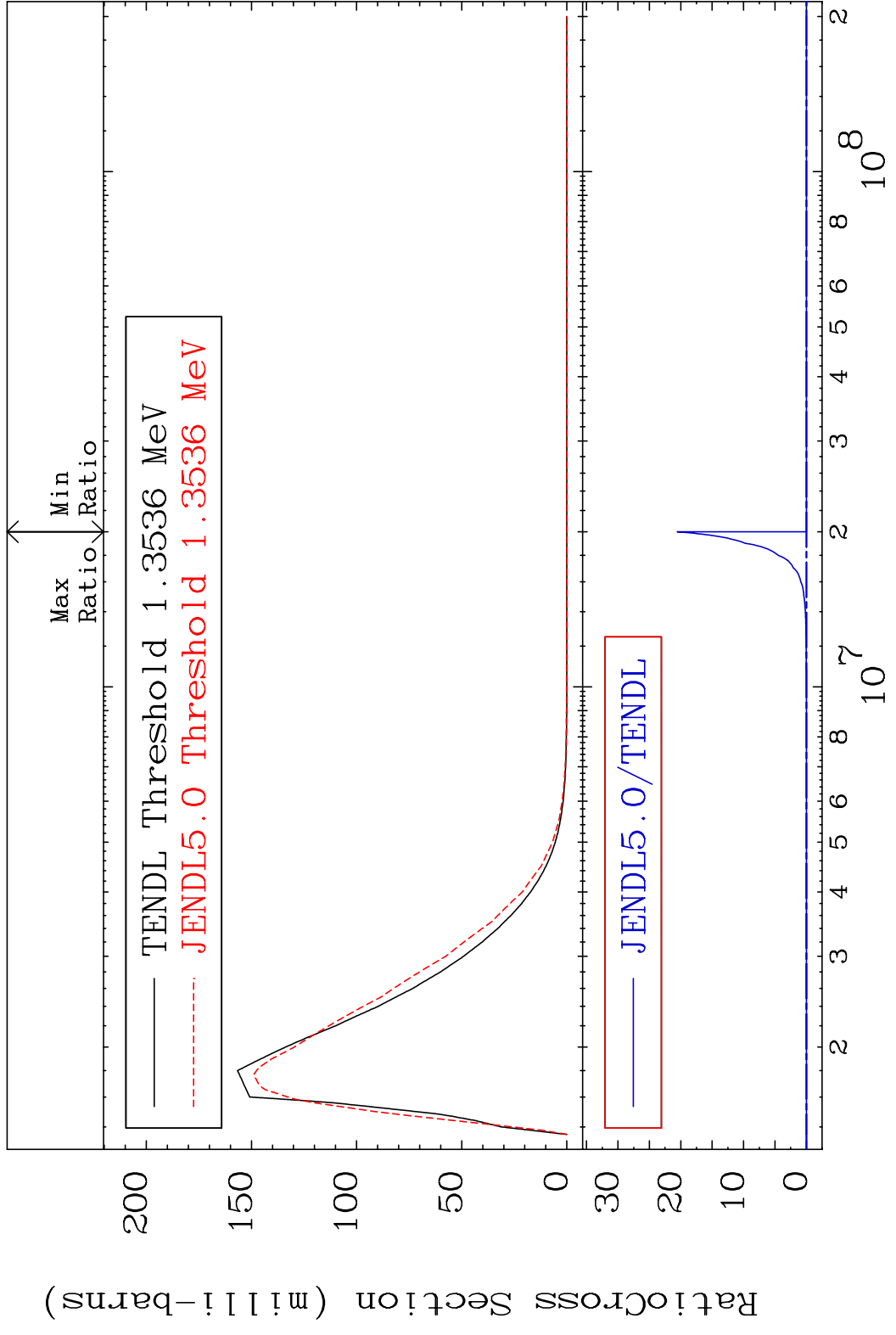
MAT 4126 MT= 64 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



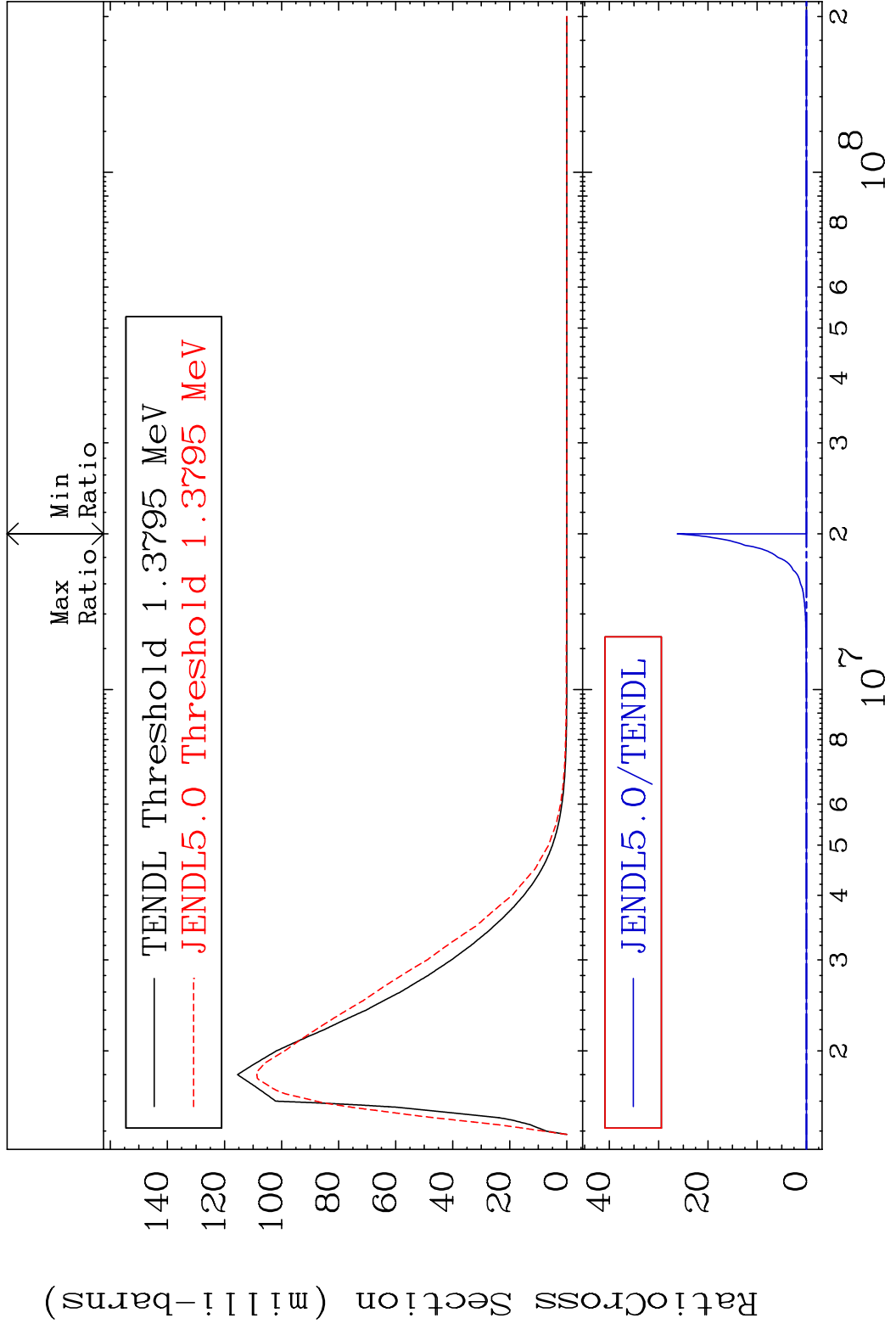
MAT 4126 MT= 65 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



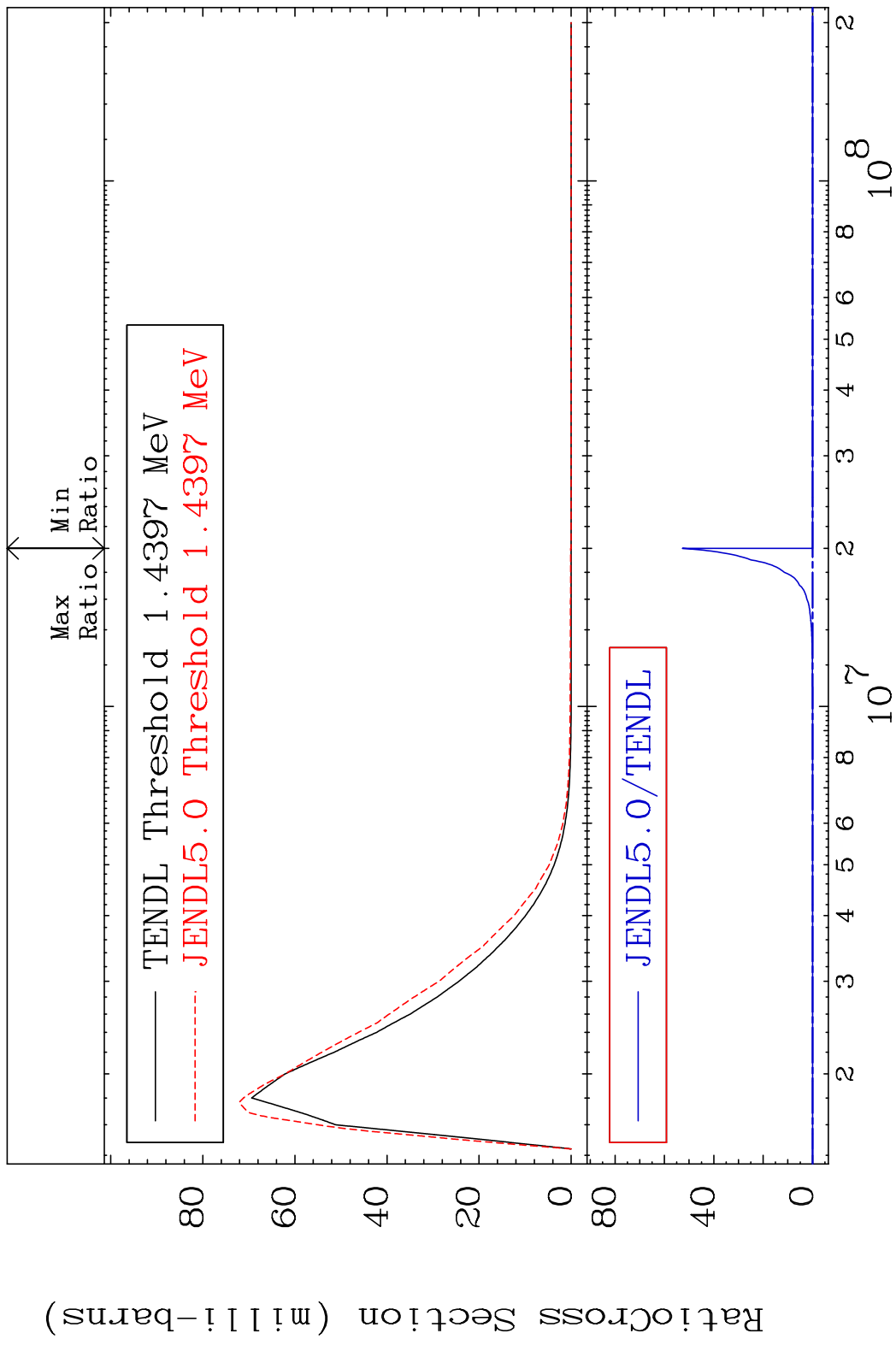
MAT 4126 MT= 66 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



MAT 4126 MT= 67 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %

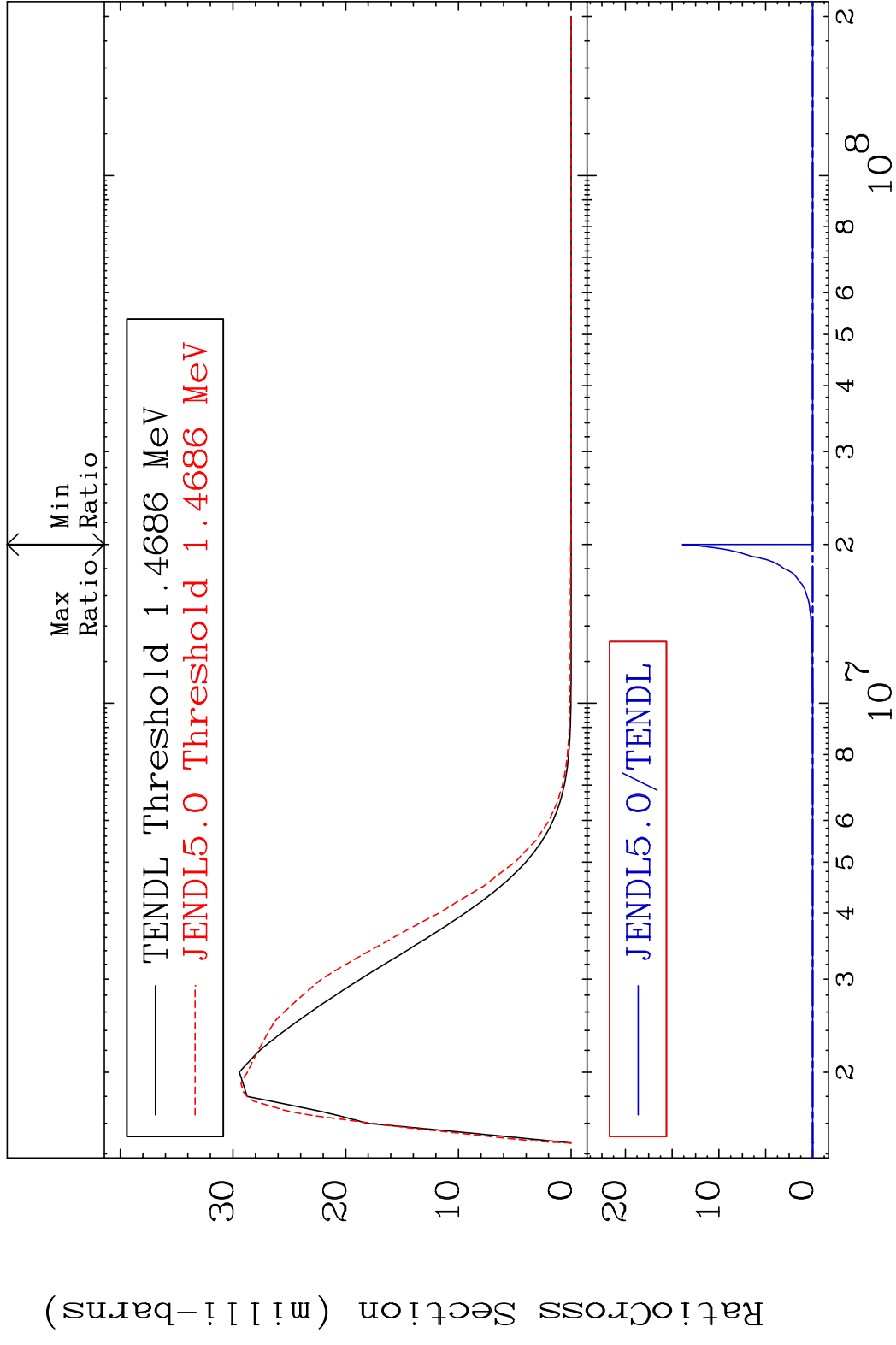


MAT 4126 MT= 68 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %

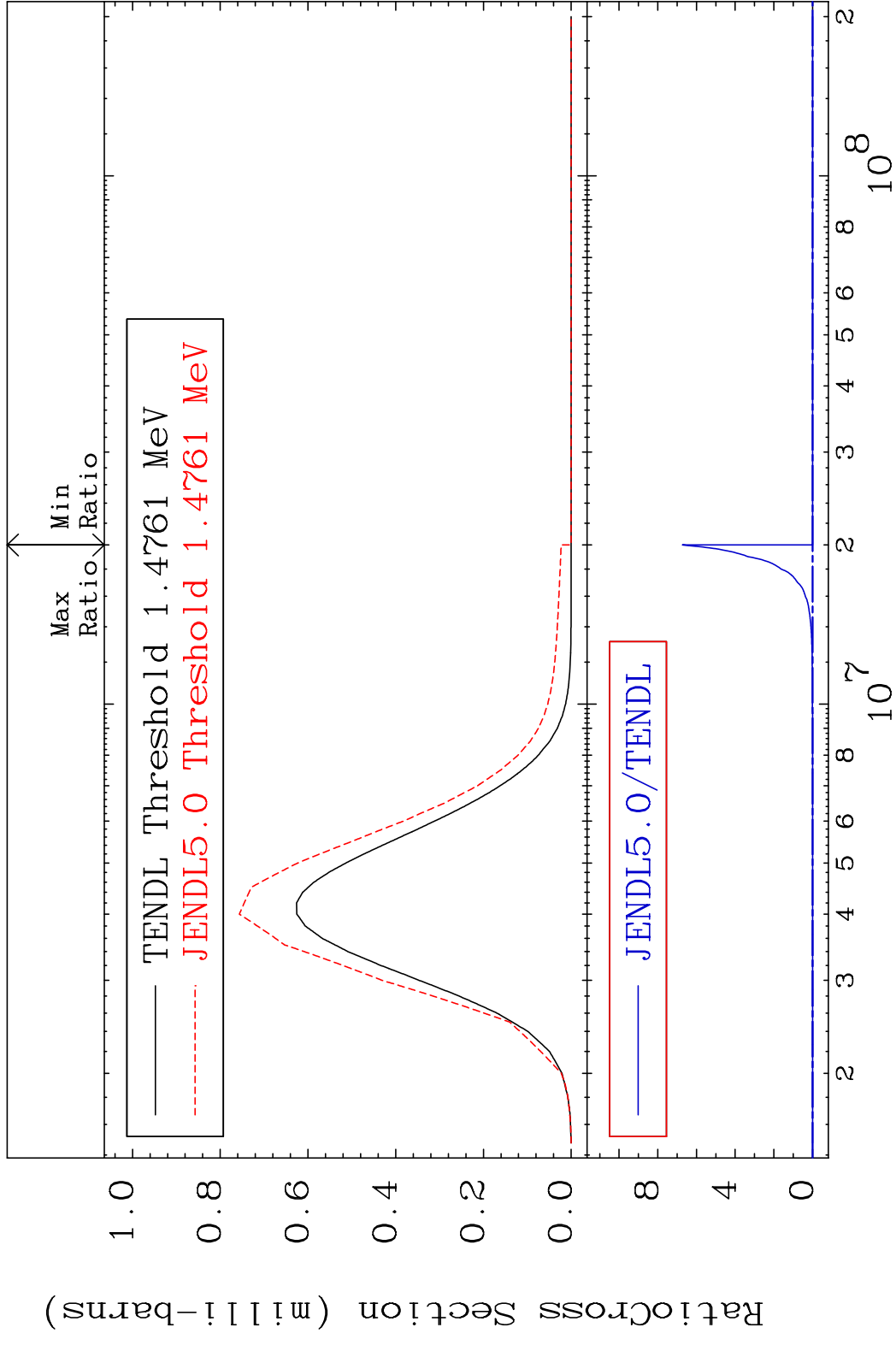


29 41-Nb-93m

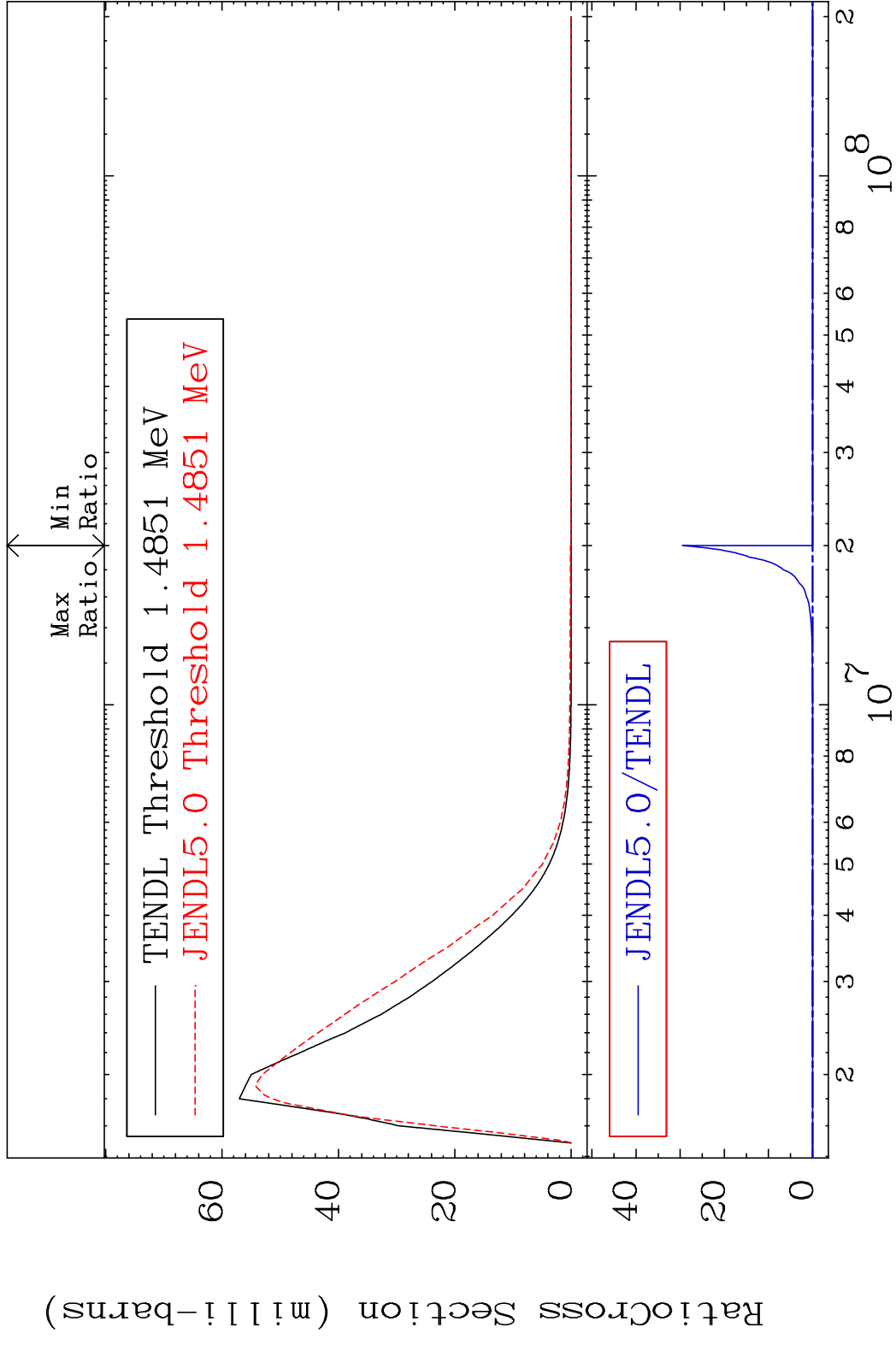
MAT 4126 MT= 69 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



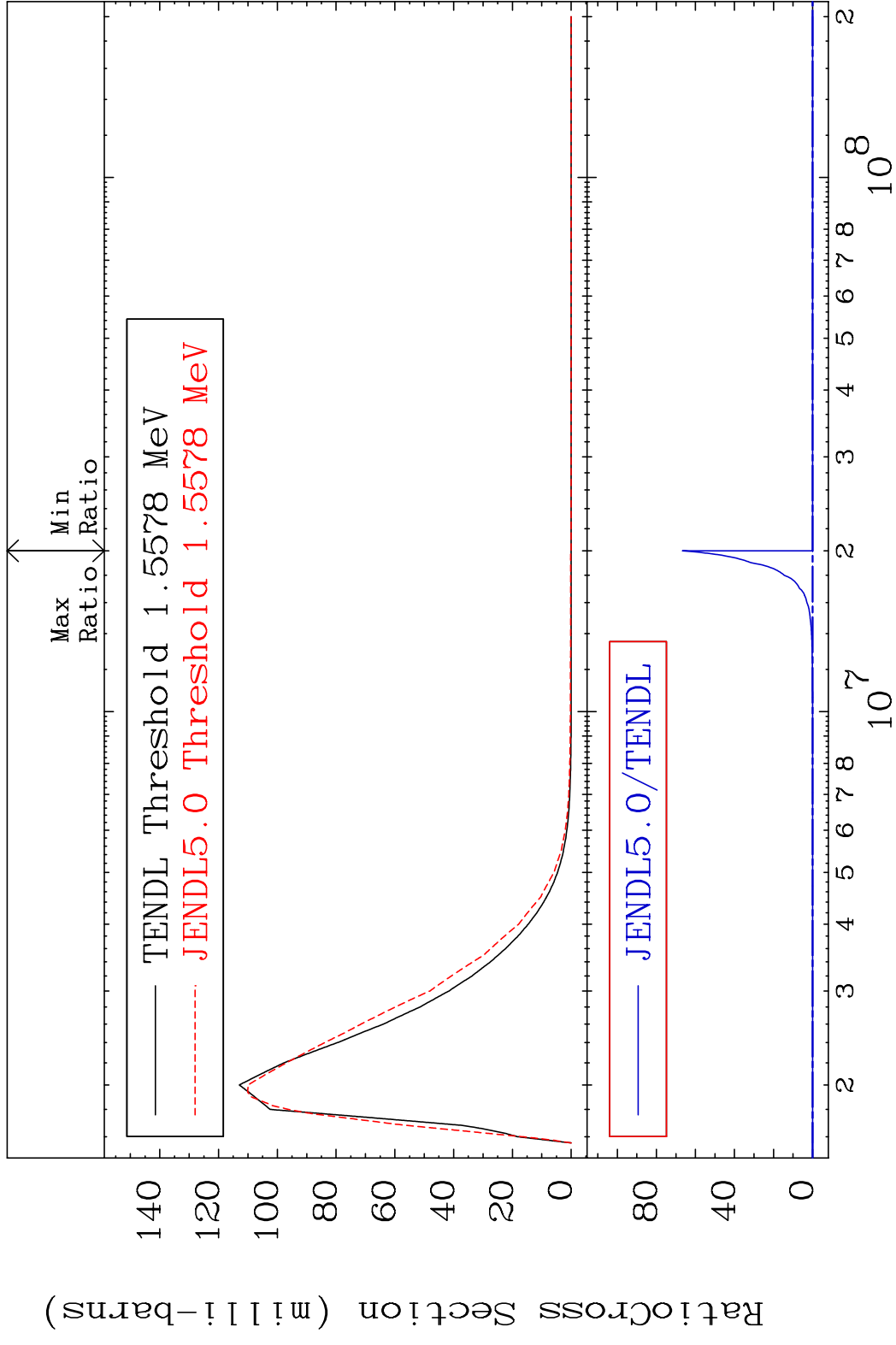
MAT 4126 MT= 70 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



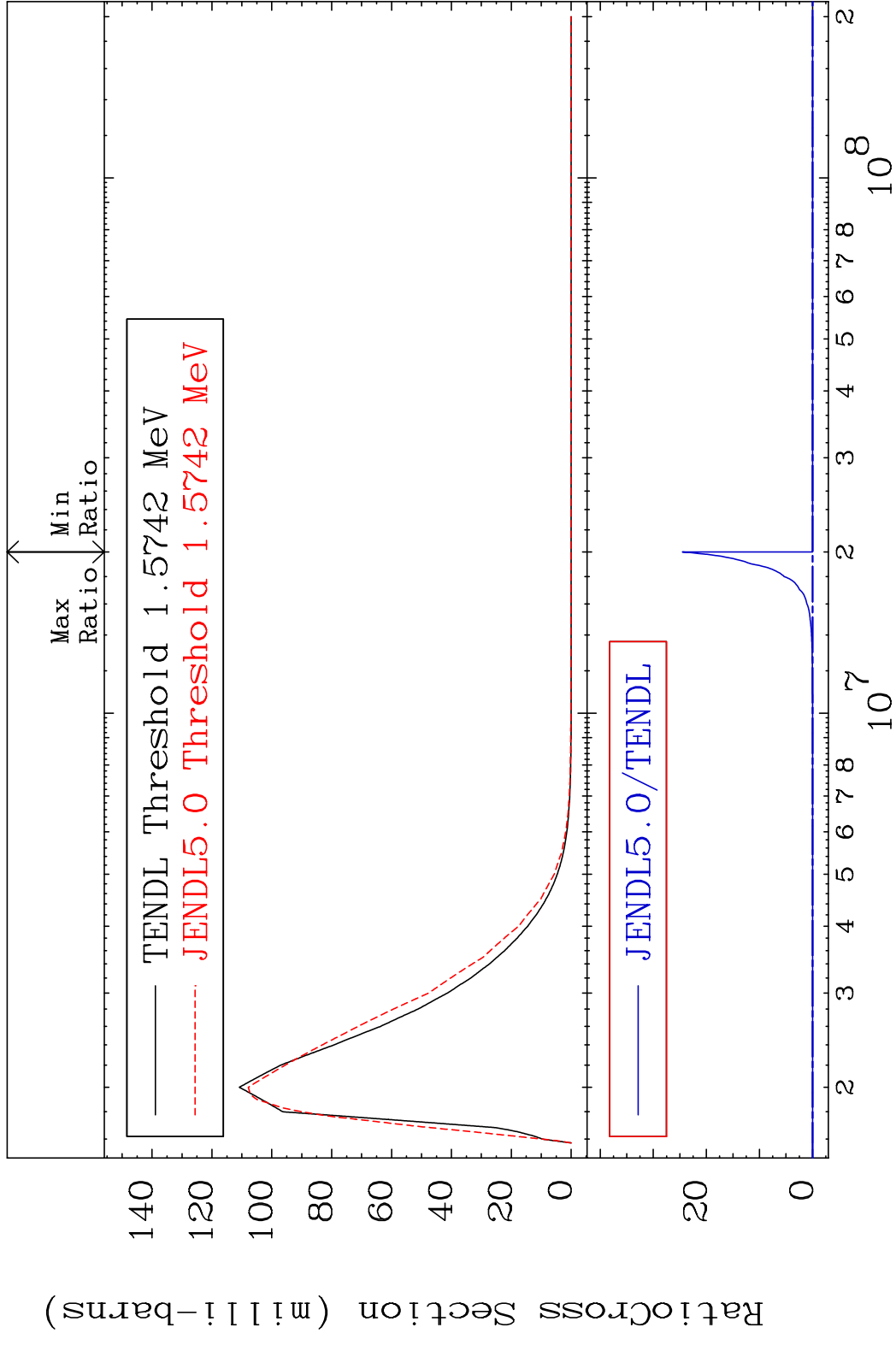
MAT 4126 MT= 71 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



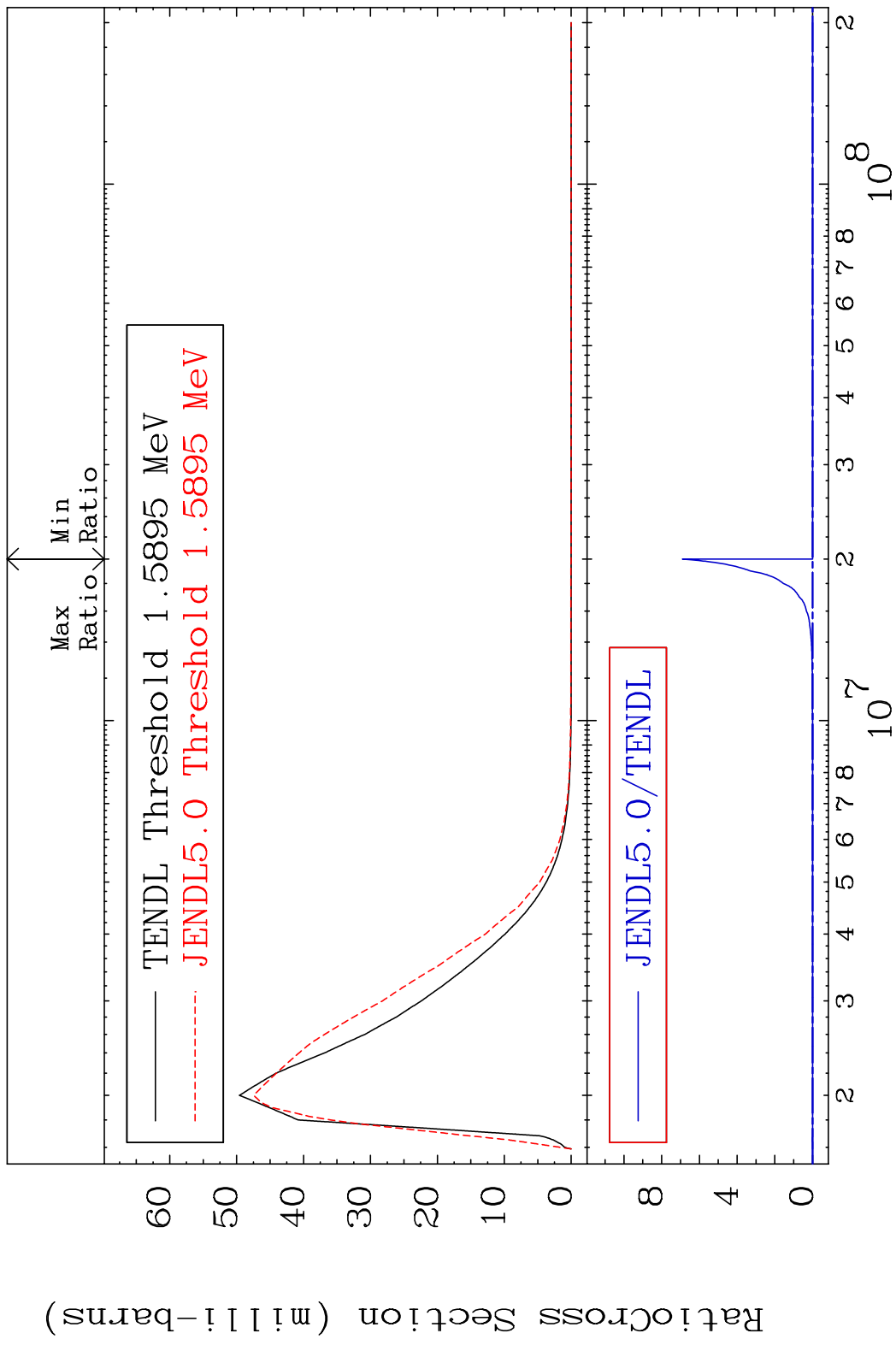
MAT 4126 MT= 72 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



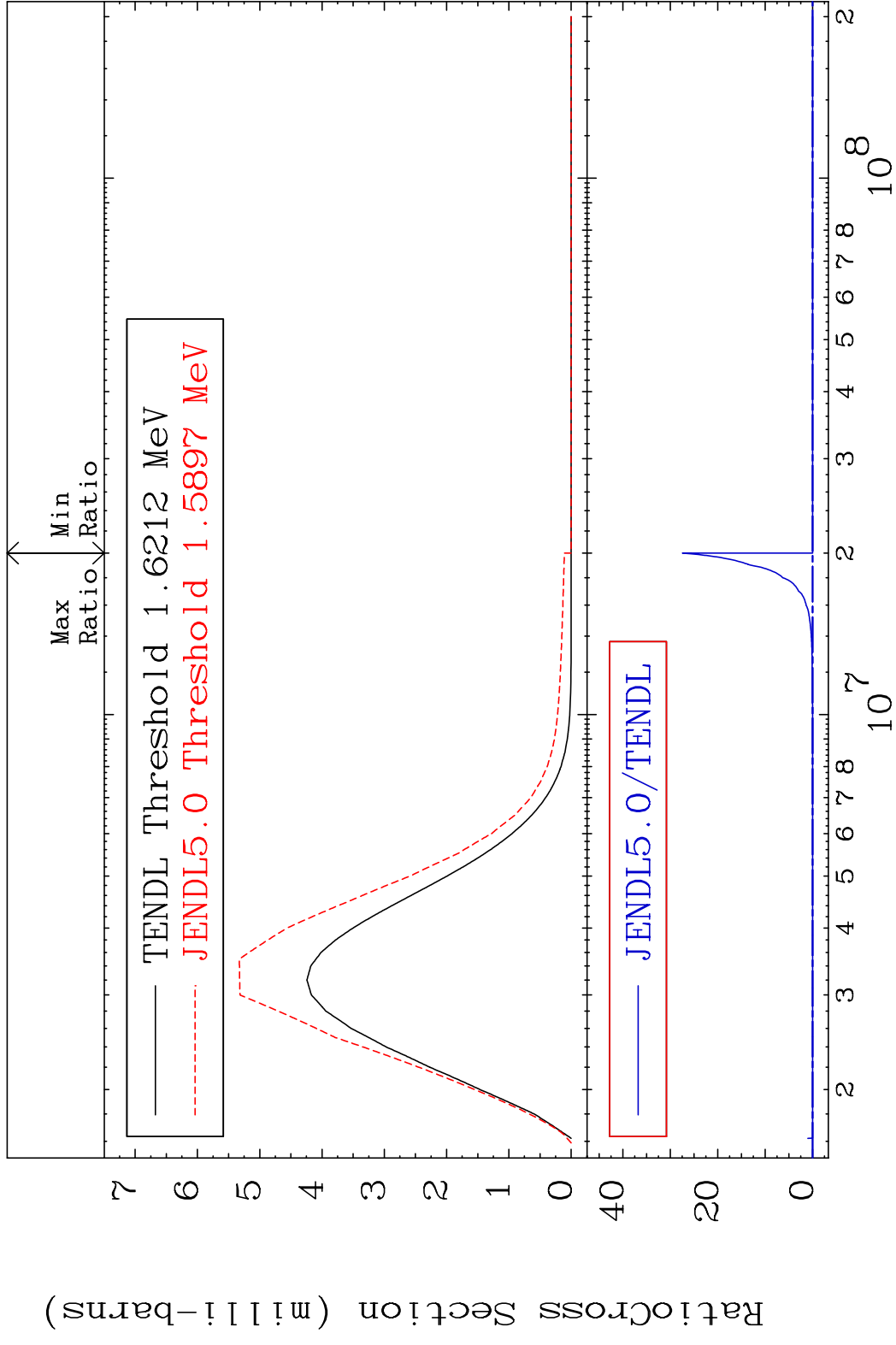
MAT 4126 MT= 73 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



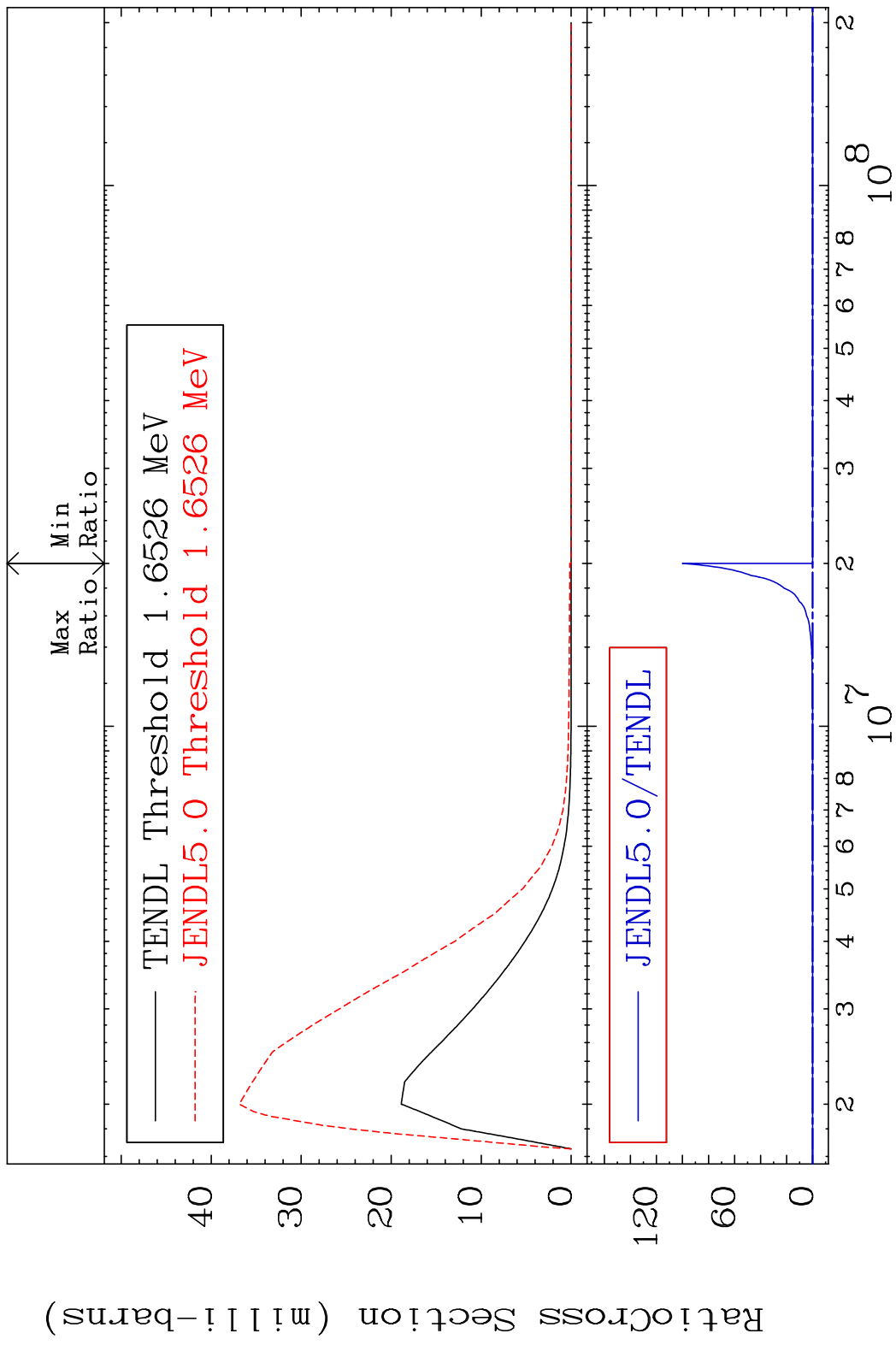
MAT 4126 MT= 74 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



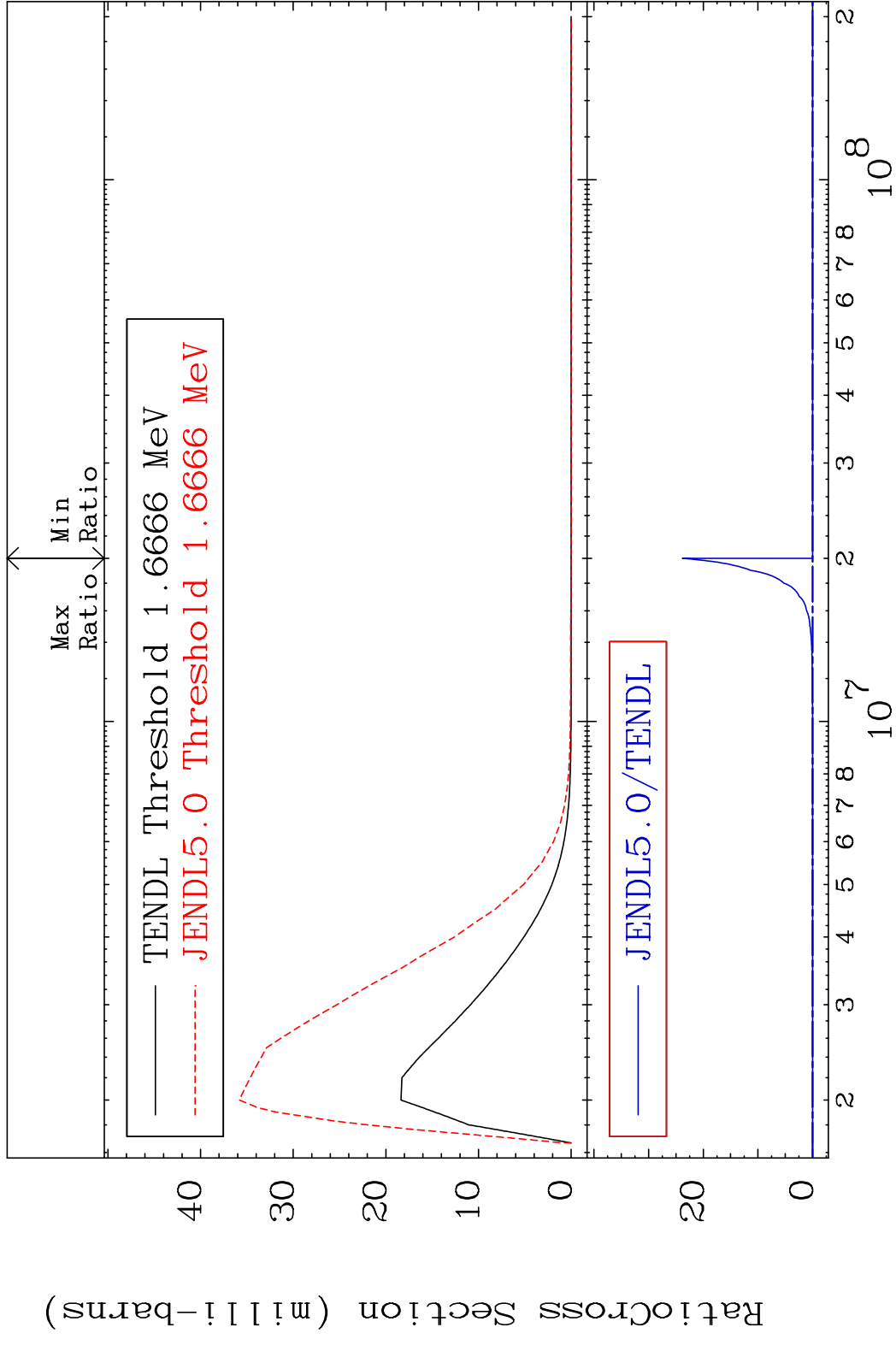
MAT 4126 MT= 75 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



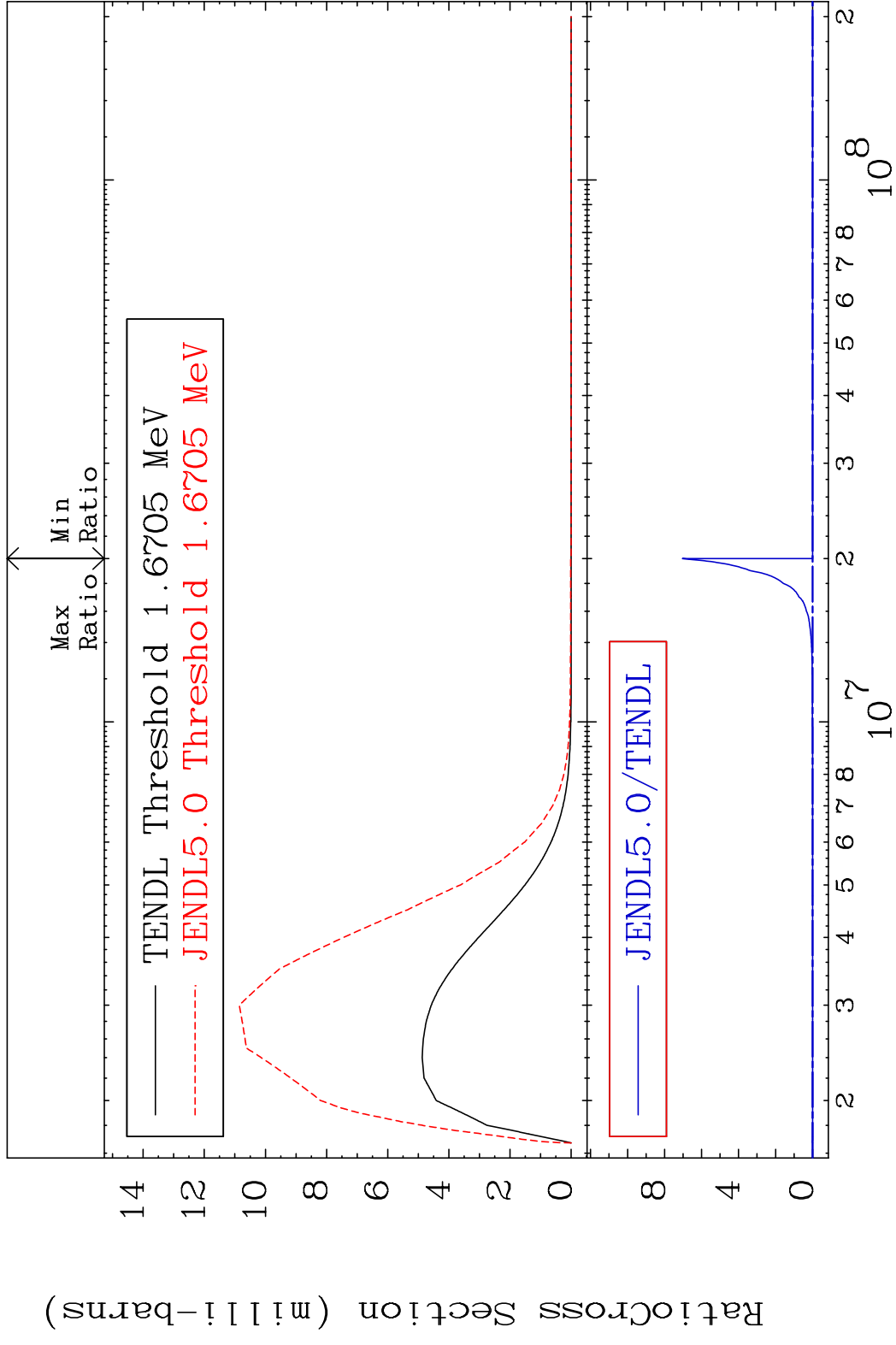
MAT 4126 MT= 76 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



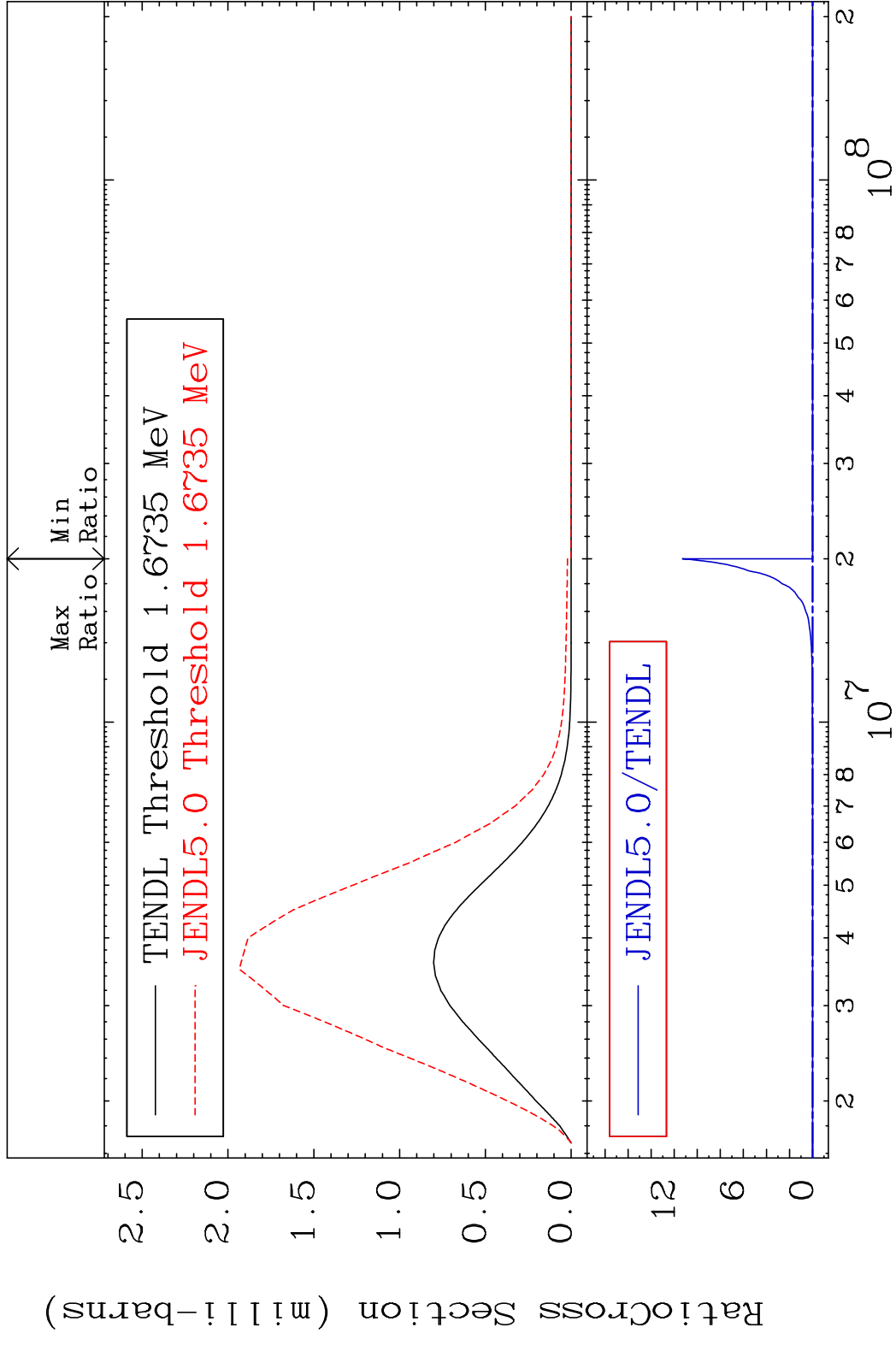
MAT 4126 MT= 77 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



MAT 4126 MT= 78 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %

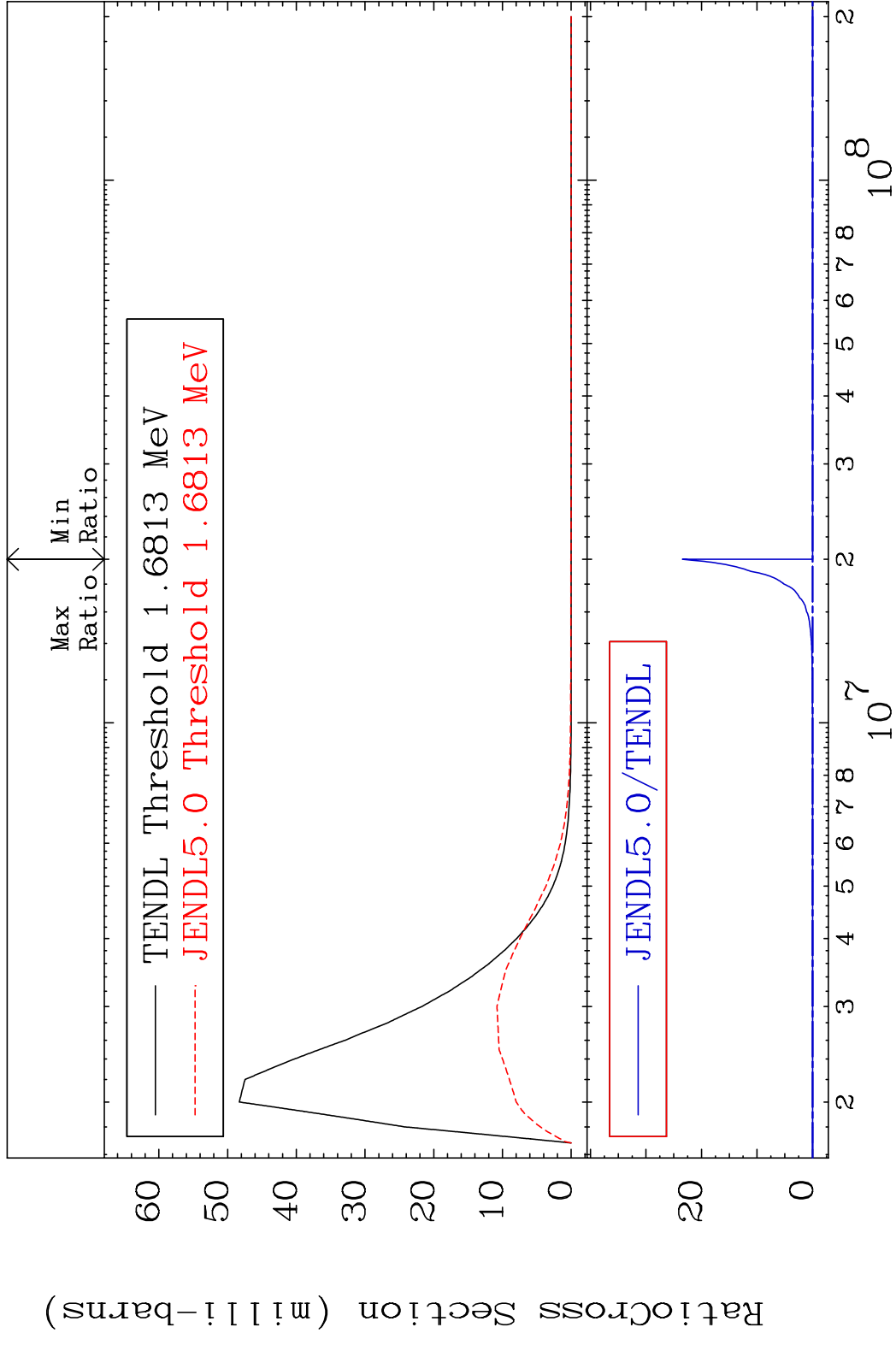


MAT 4126 MT= 79 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



40 Incident Energy (eV) 41-Nb-93m

MAT 4126 MT= 80 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %

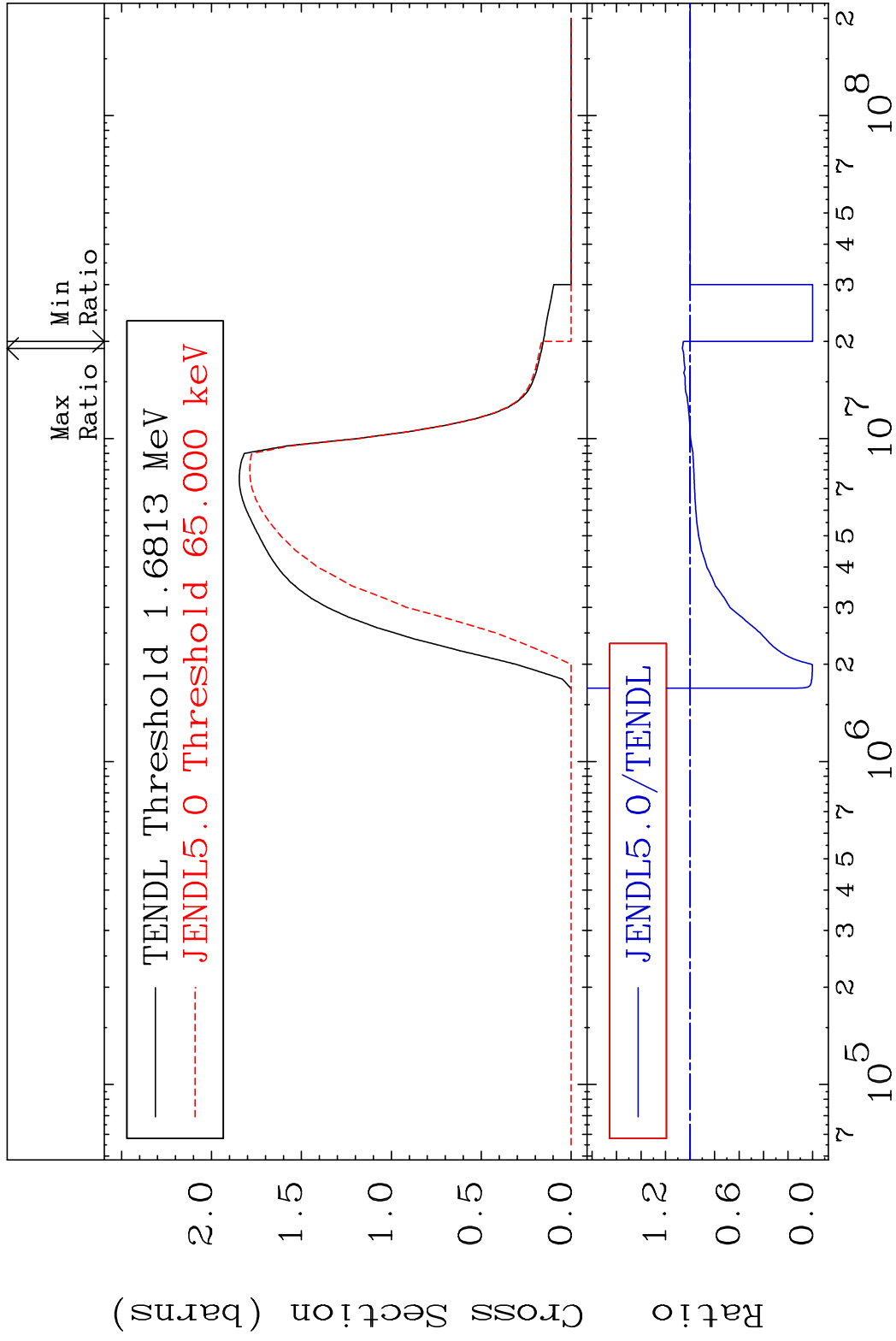


MAT 4126

(n,n') Continuum

41-Nb-93m

Cross Section -100.0 To 6.303 %



42

Incident Energy (eV)

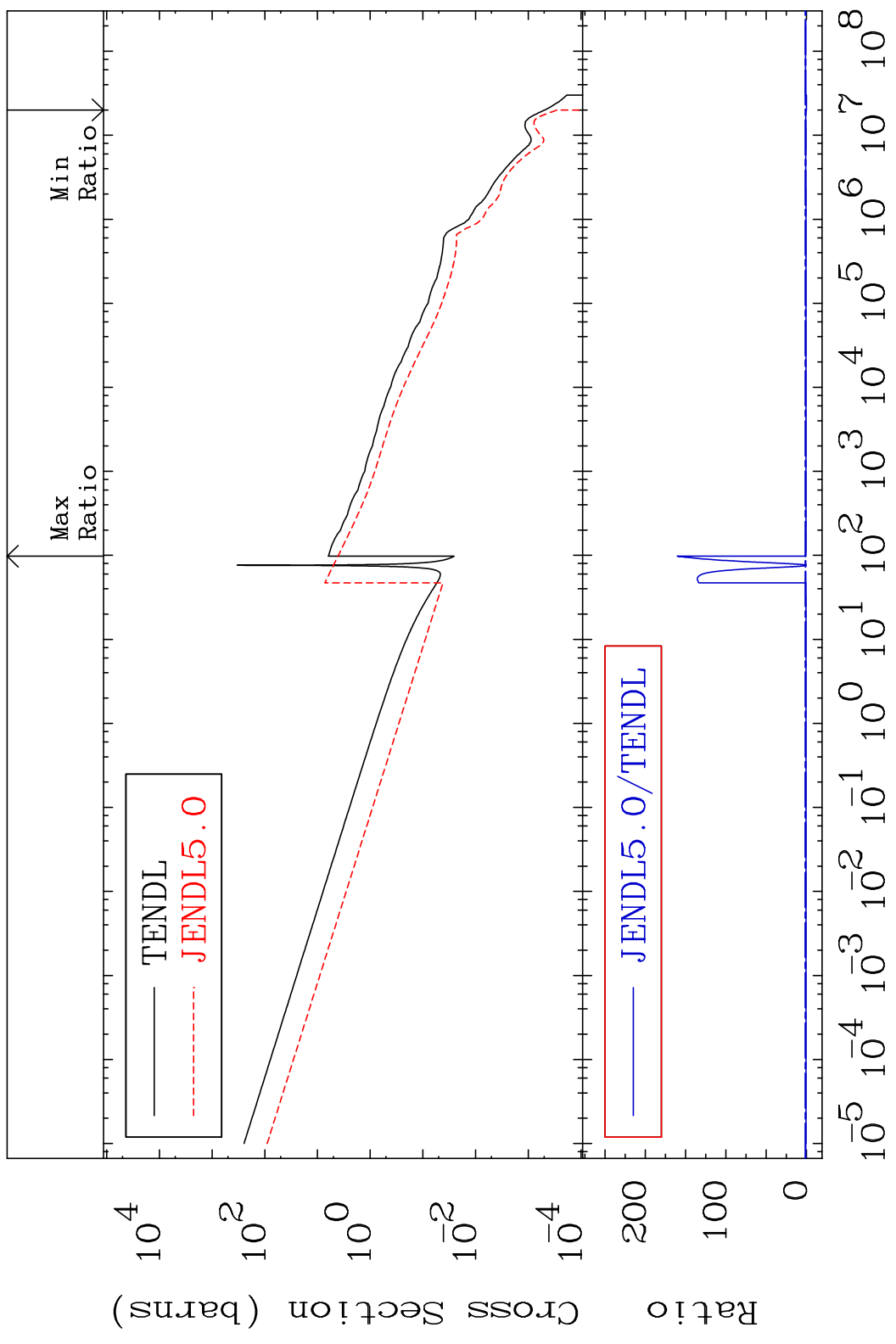
41-Nb-93m

MAT 4126

(n, γ)

41-Nb-93m

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

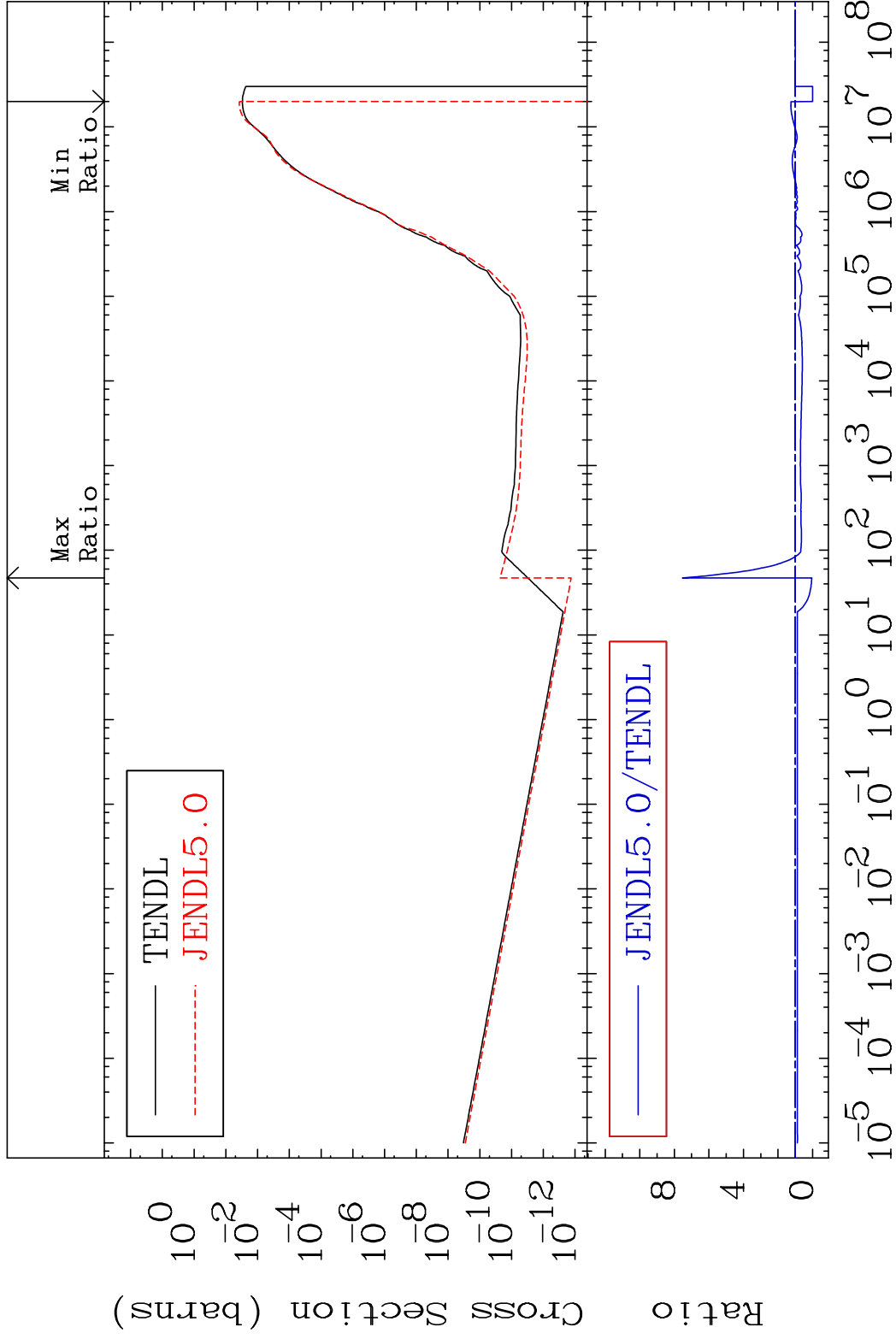
41-Nb-93m

MAT 4126

(n, p)

41-Nb-93m

Cross Section -100.0 To 653.6 %



44

Incident Energy (eV)

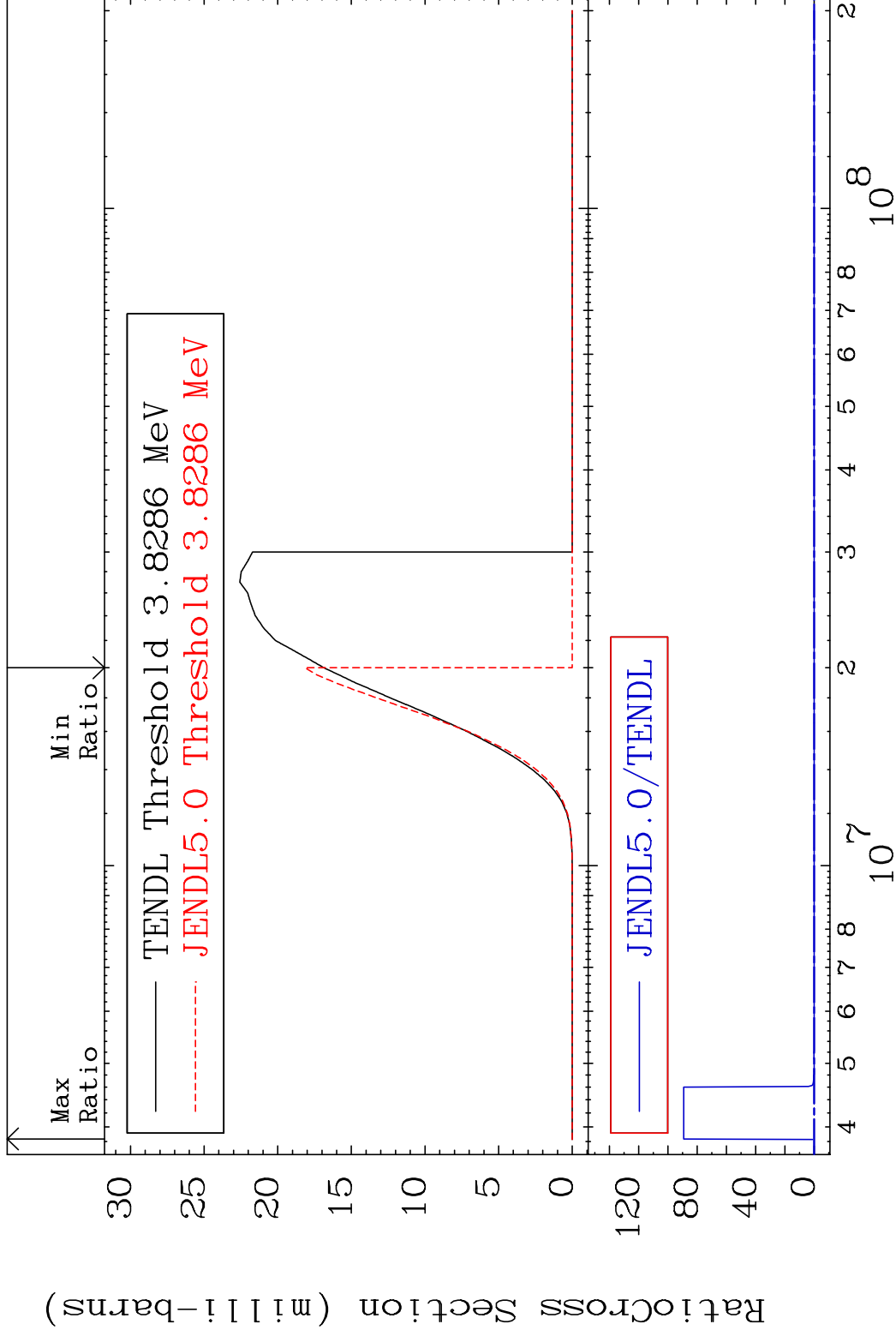
41-Nb-93m

MAT 4126

(n, d)

41-Nb-93m

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

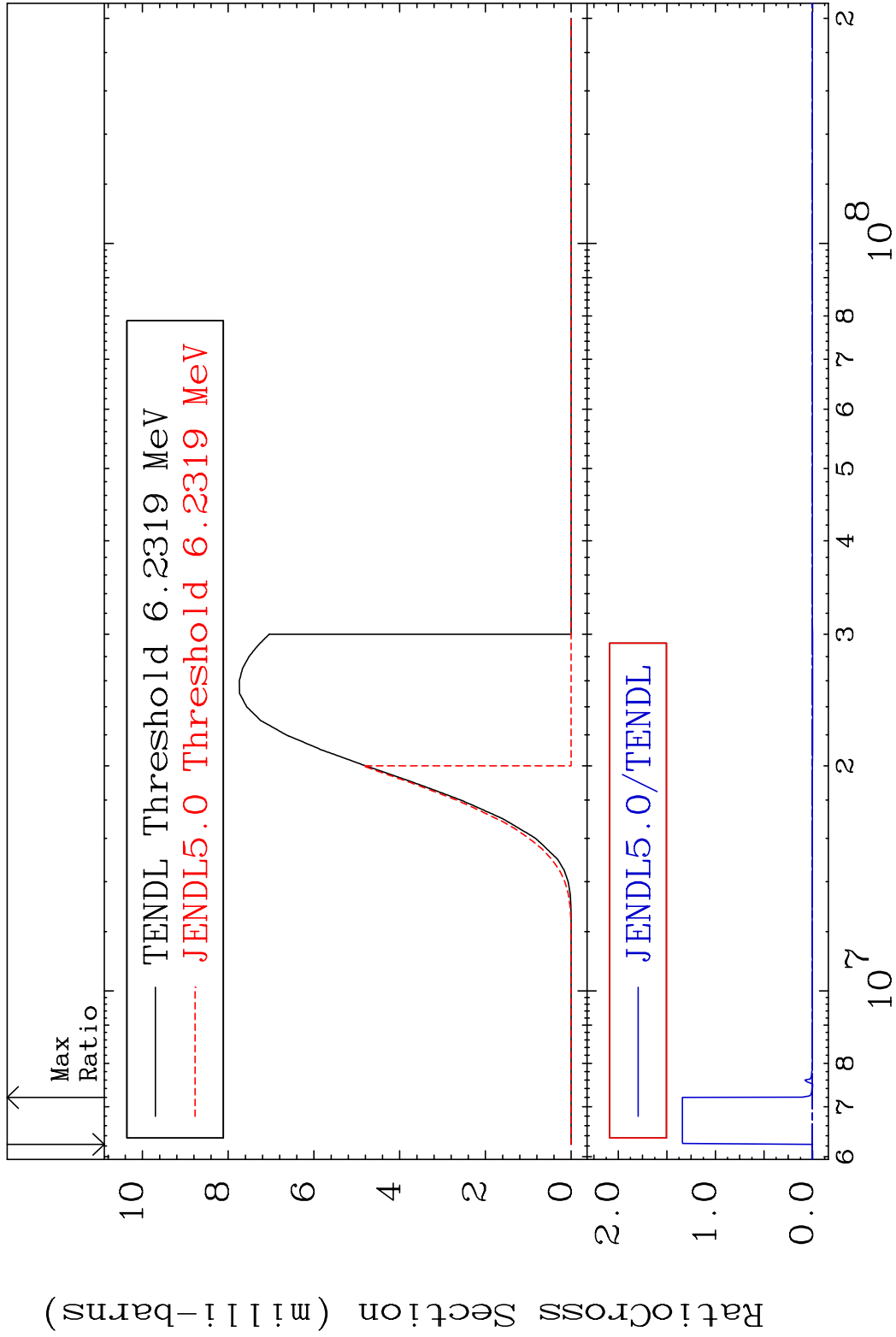
41-Nb-93m

MAT 4126

(n, t)

41-Nb-93m

Cross Section -100.0 To 9999. %

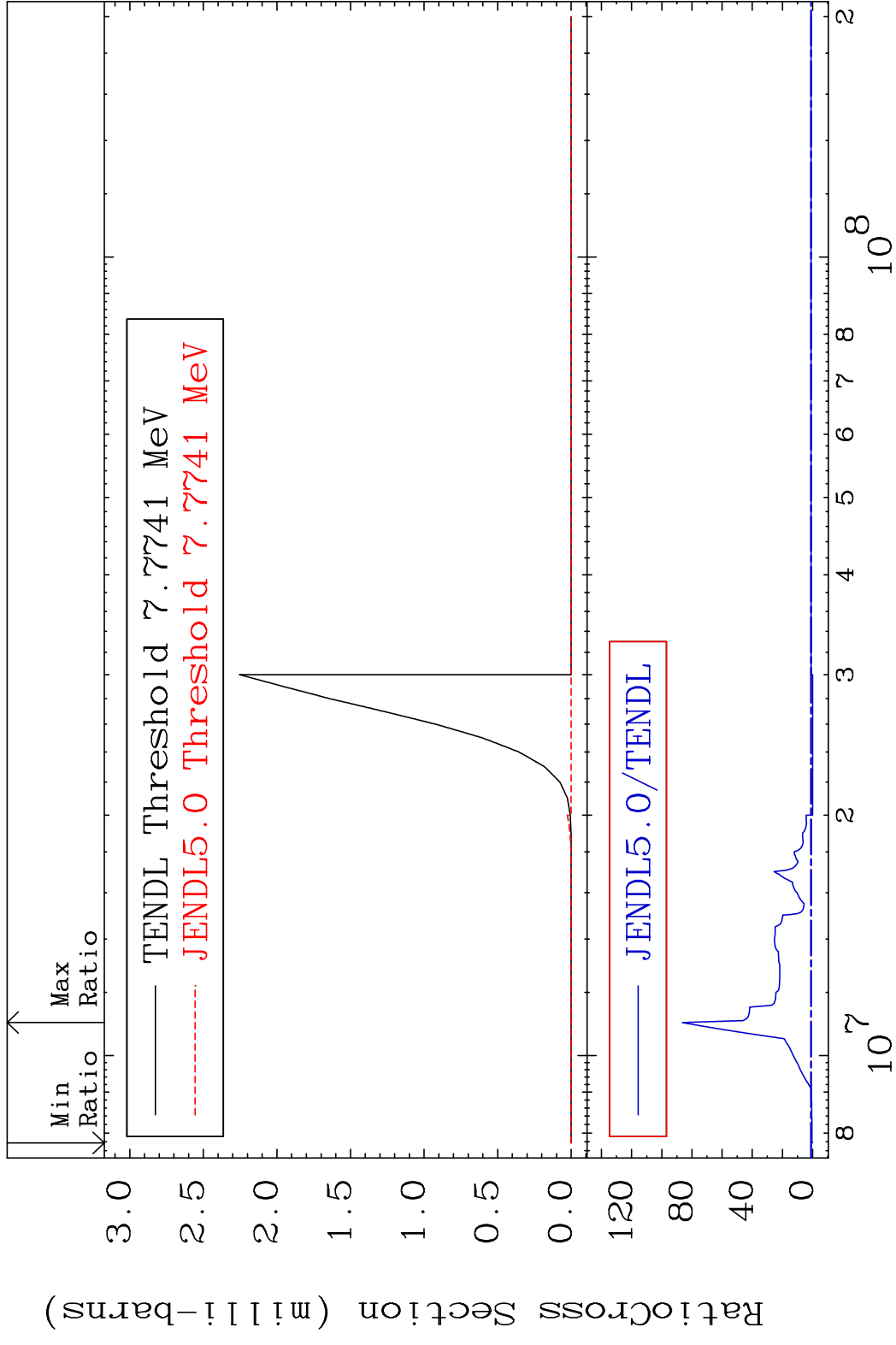


46

Incident Energy (eV)

41-Nb-93m

MAT 4126 (n, He-3) 41-Nb-93m
 Cross Section -100.0 To 8535. %



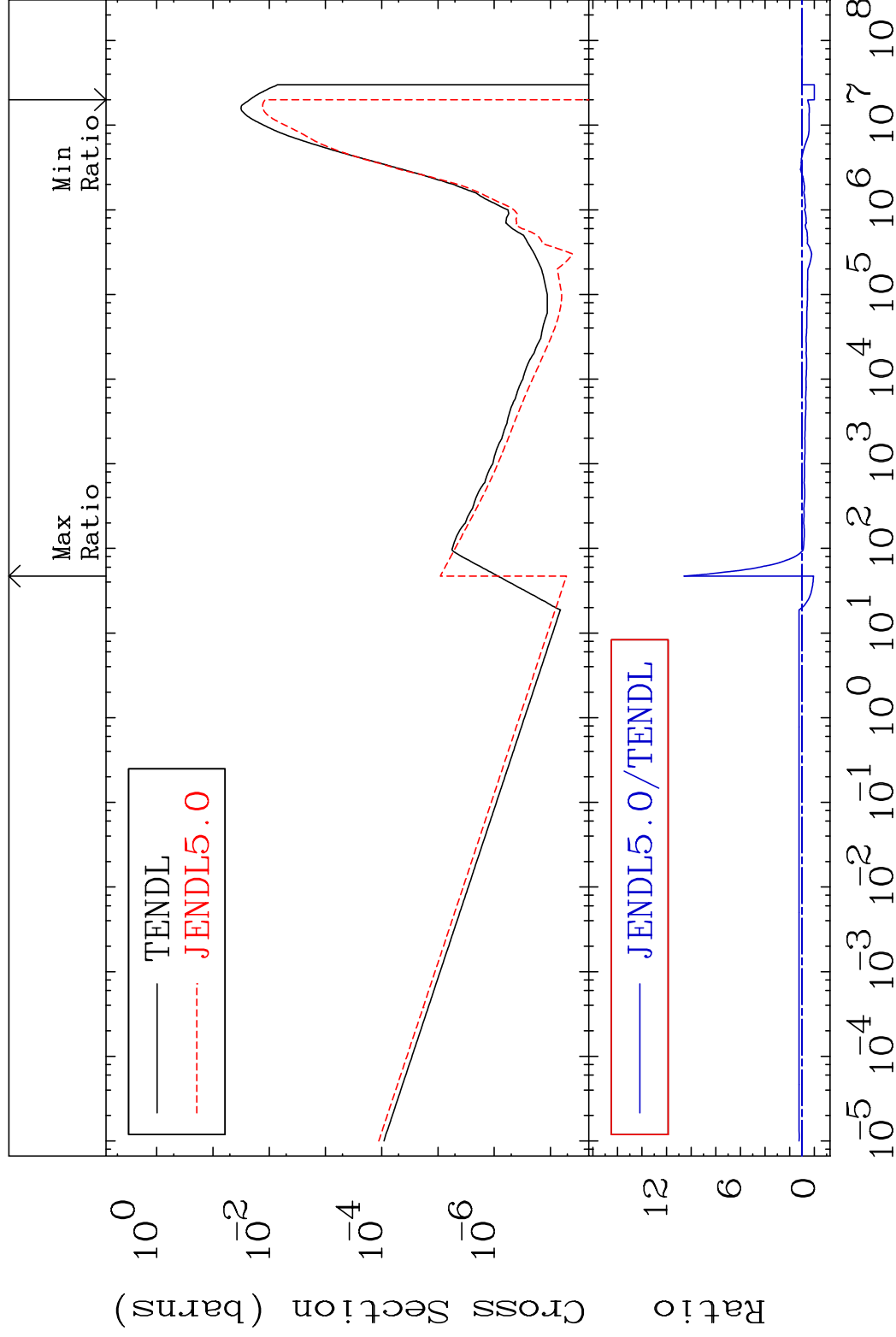
47 Incident Energy (eV) 41-Nb-93m

MAT 4126

41-Nb-93m

(n, α)

Cross Section -100.0 To 958.3 %



48

Incident Energy (eV)

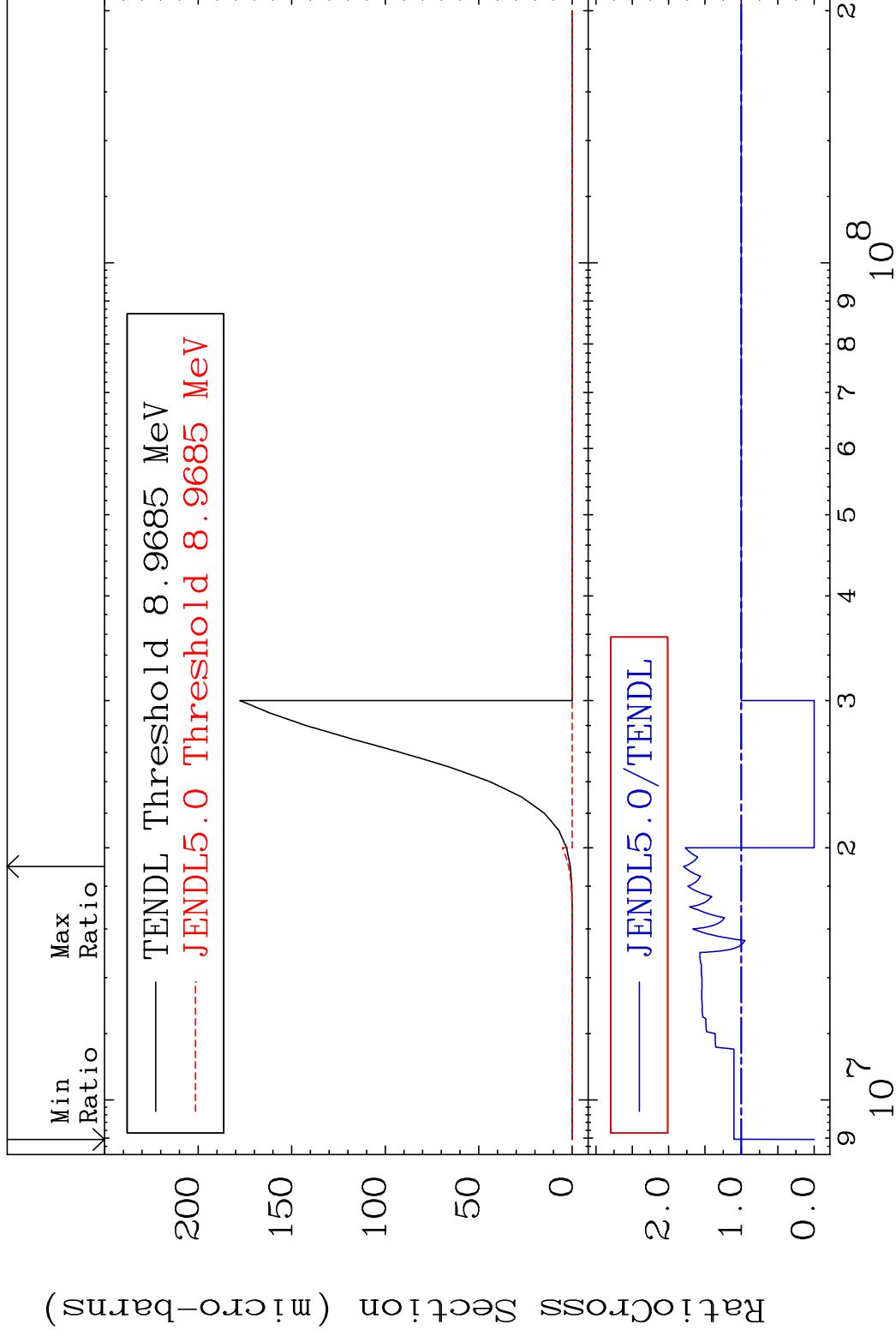
41-Nb-93m

MAT 4126

(n,2p)

41-Nb-93m

Cross Section -100.0 To 79.31 %

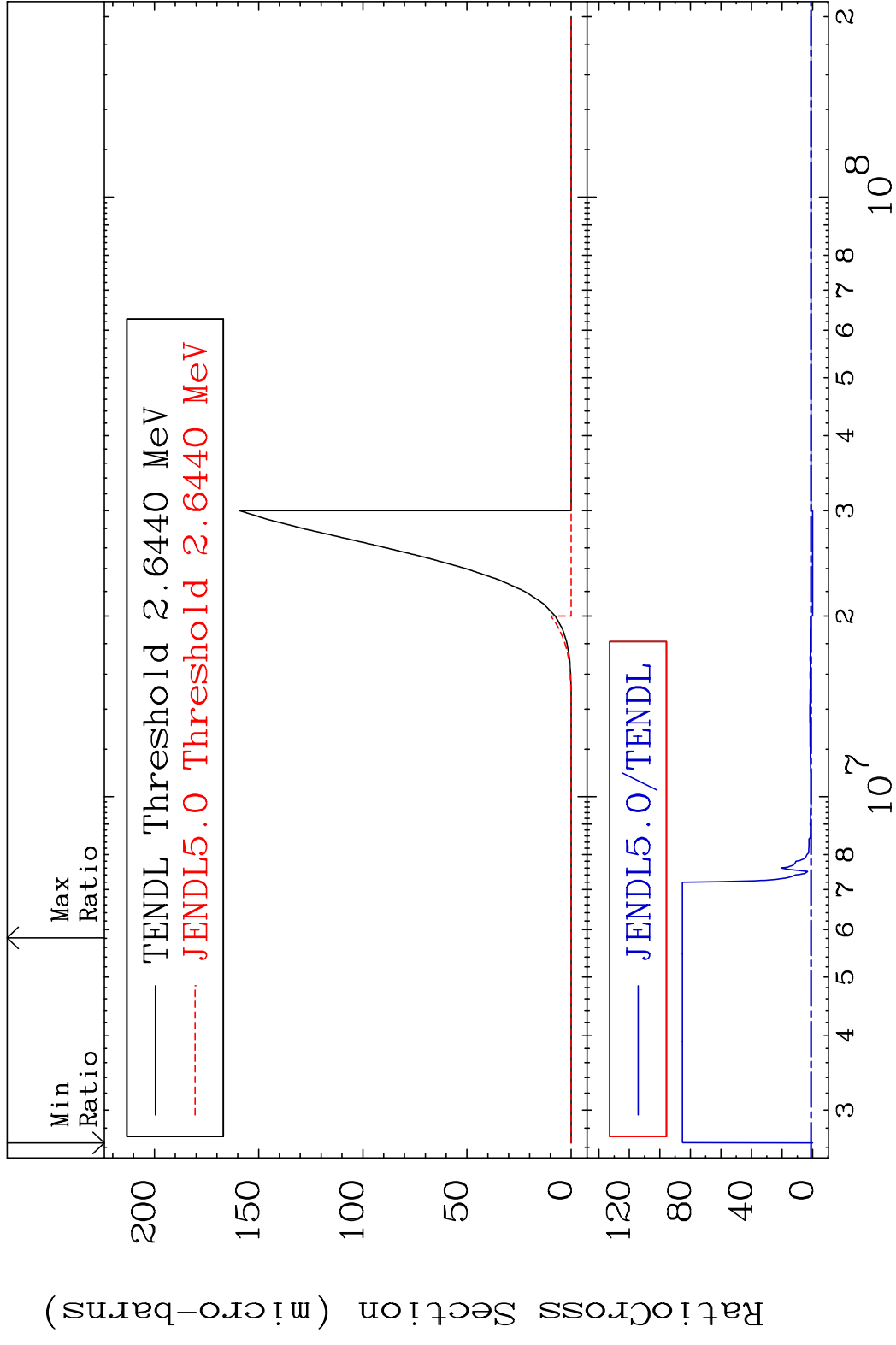


49

Incident Energy (eV)

41-Nb-93m

MAT 4126 (n,p) α 41-Nb-93m
 Cross Section -100.0 To 8429. %

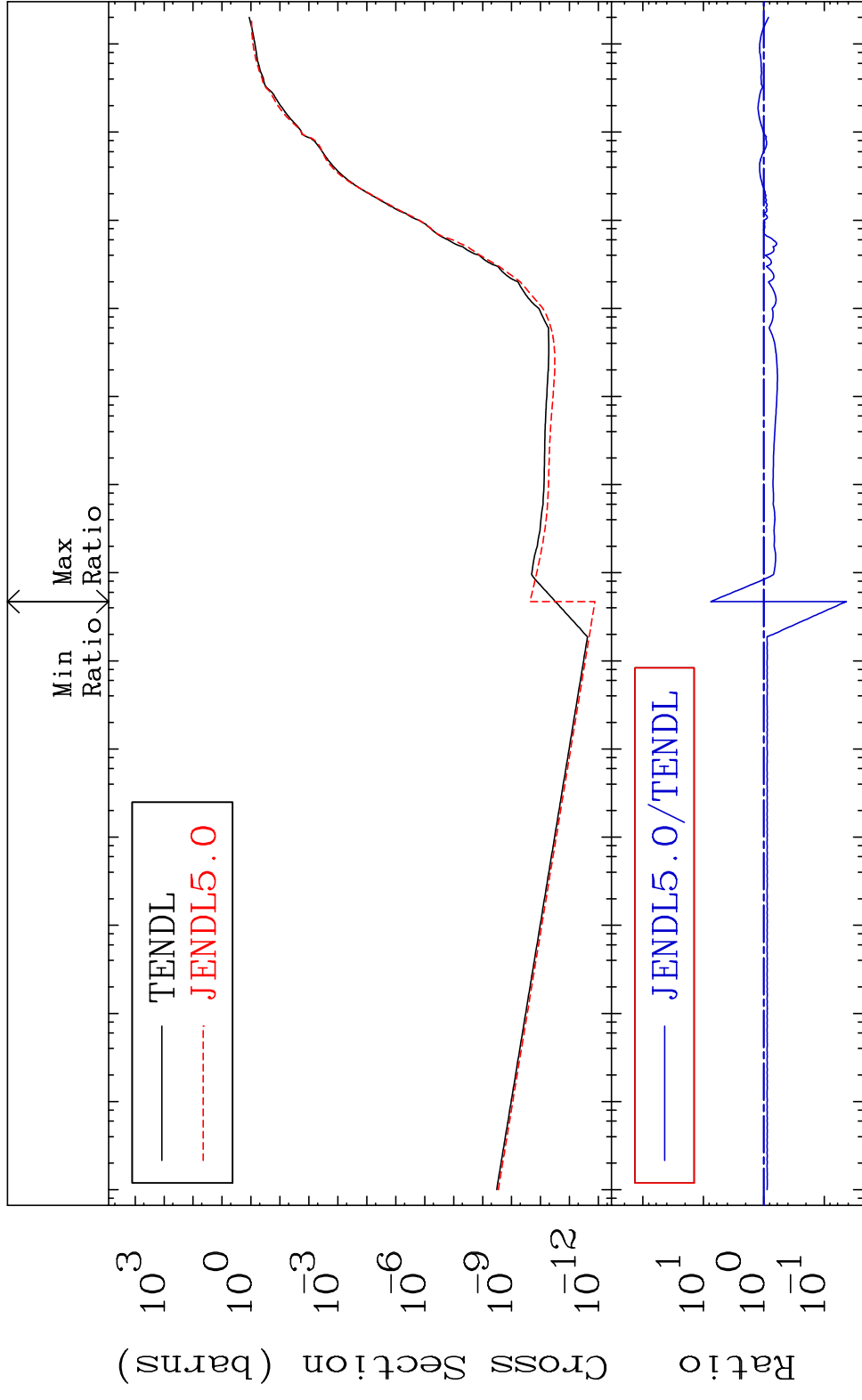


50 Incident Energy (eV) 41-Nb-93m

MAT 4126

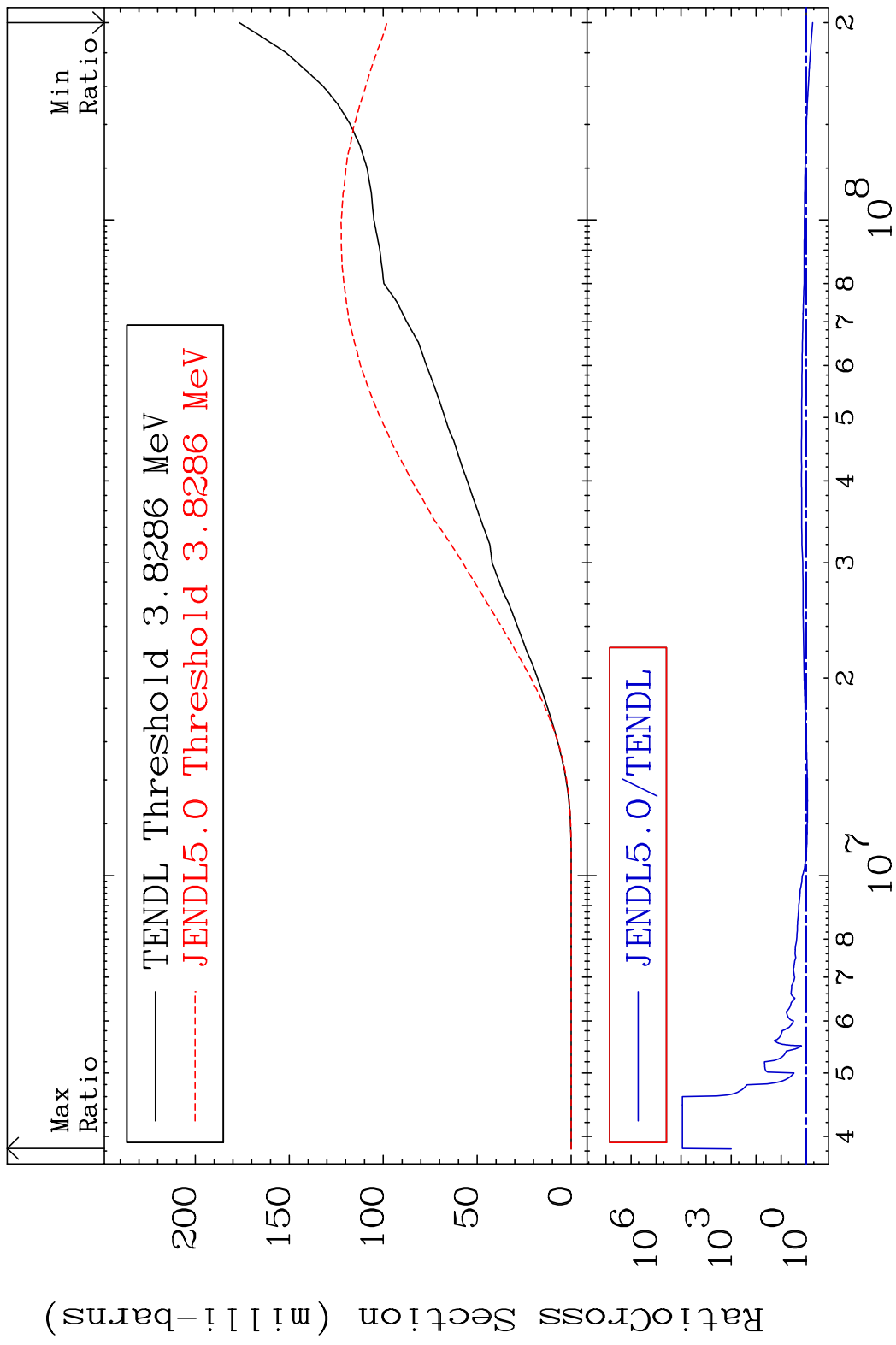
Hydrogen Production
Cross Section -95.69 To 653.6 %

41-Nb-93m

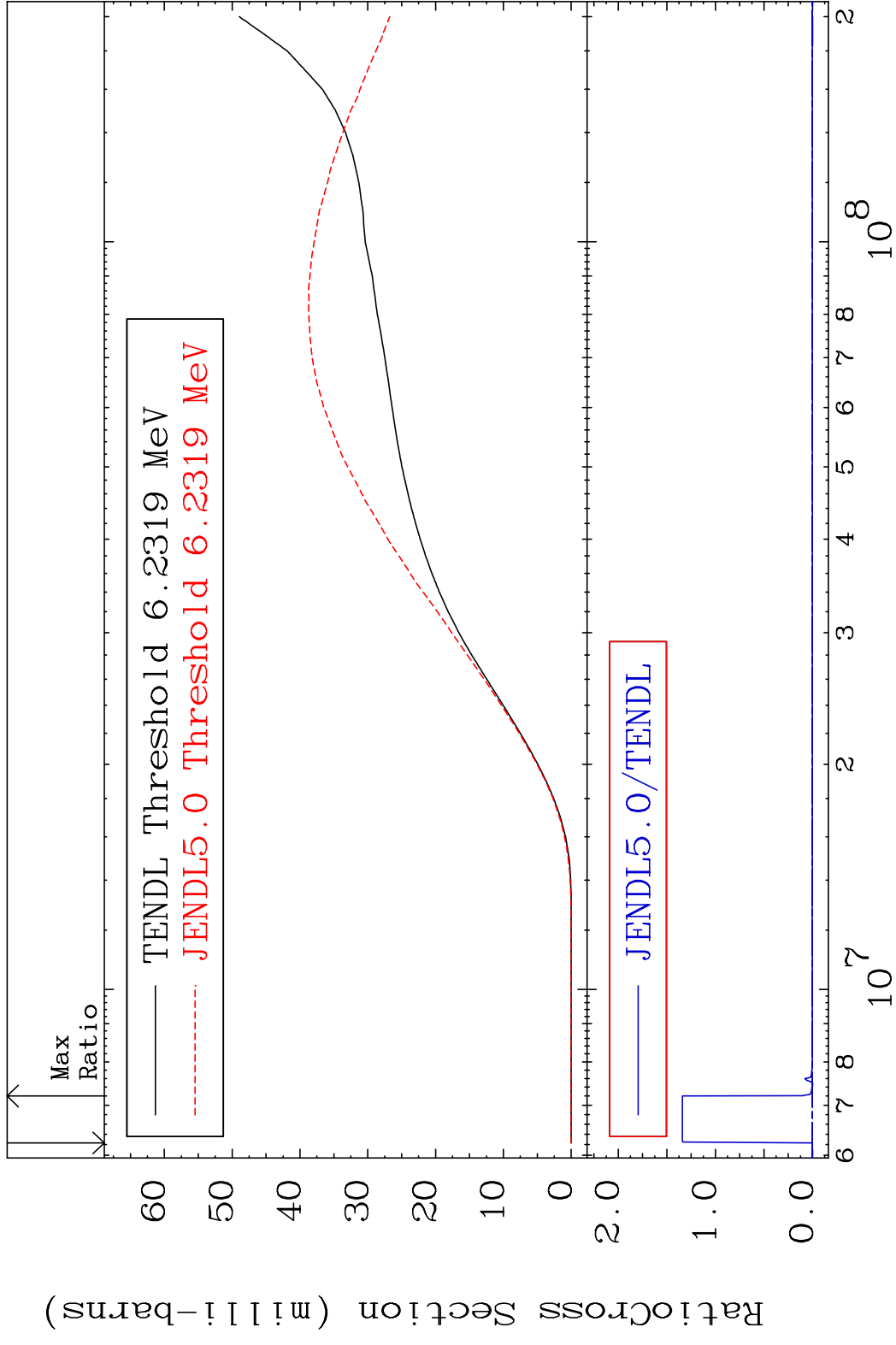


10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

MAT 4126 Deuterium Production 41-Nb-93m
 Cross Section -44.52 To 9999. %



MAT 4126 Tritium Production 41-Nb-93m
 Cross Section -100.0 To 9999. %

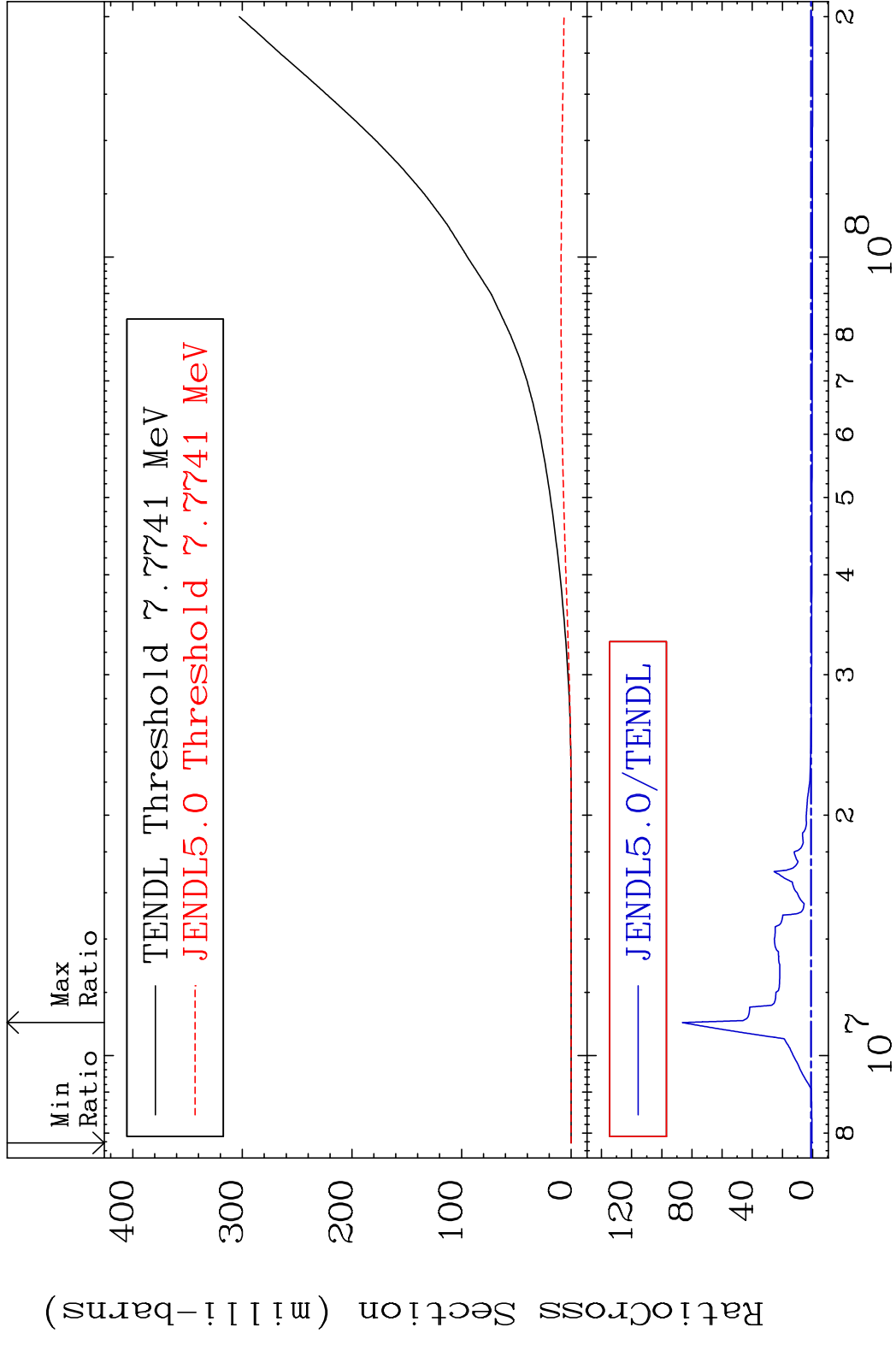


MAT 4126

He-3 Production

41-Nb-93m

Cross Section -100.0 To 8535. %



54

Incident Energy (eV)

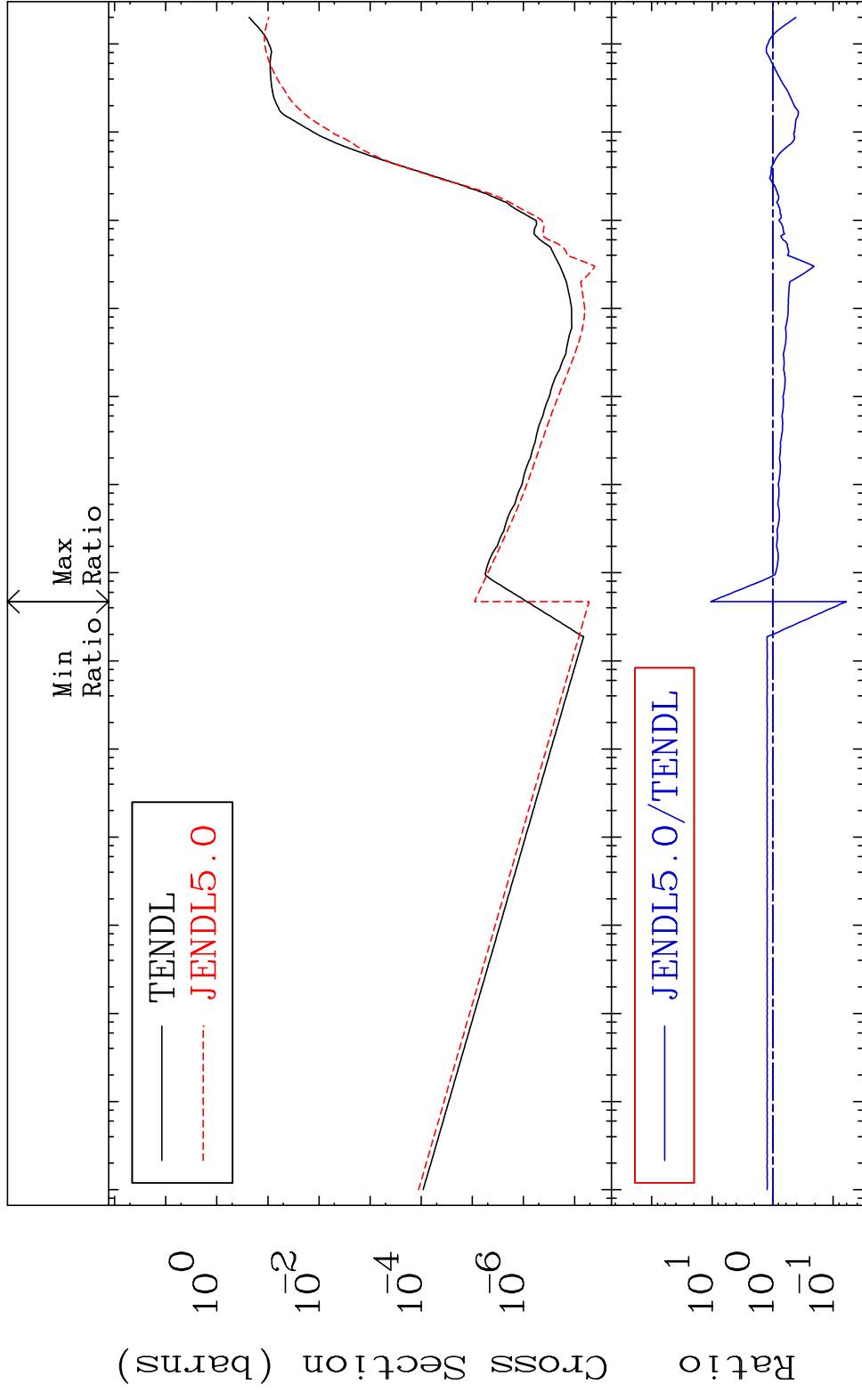
41-Nb-93m

MAT 4126

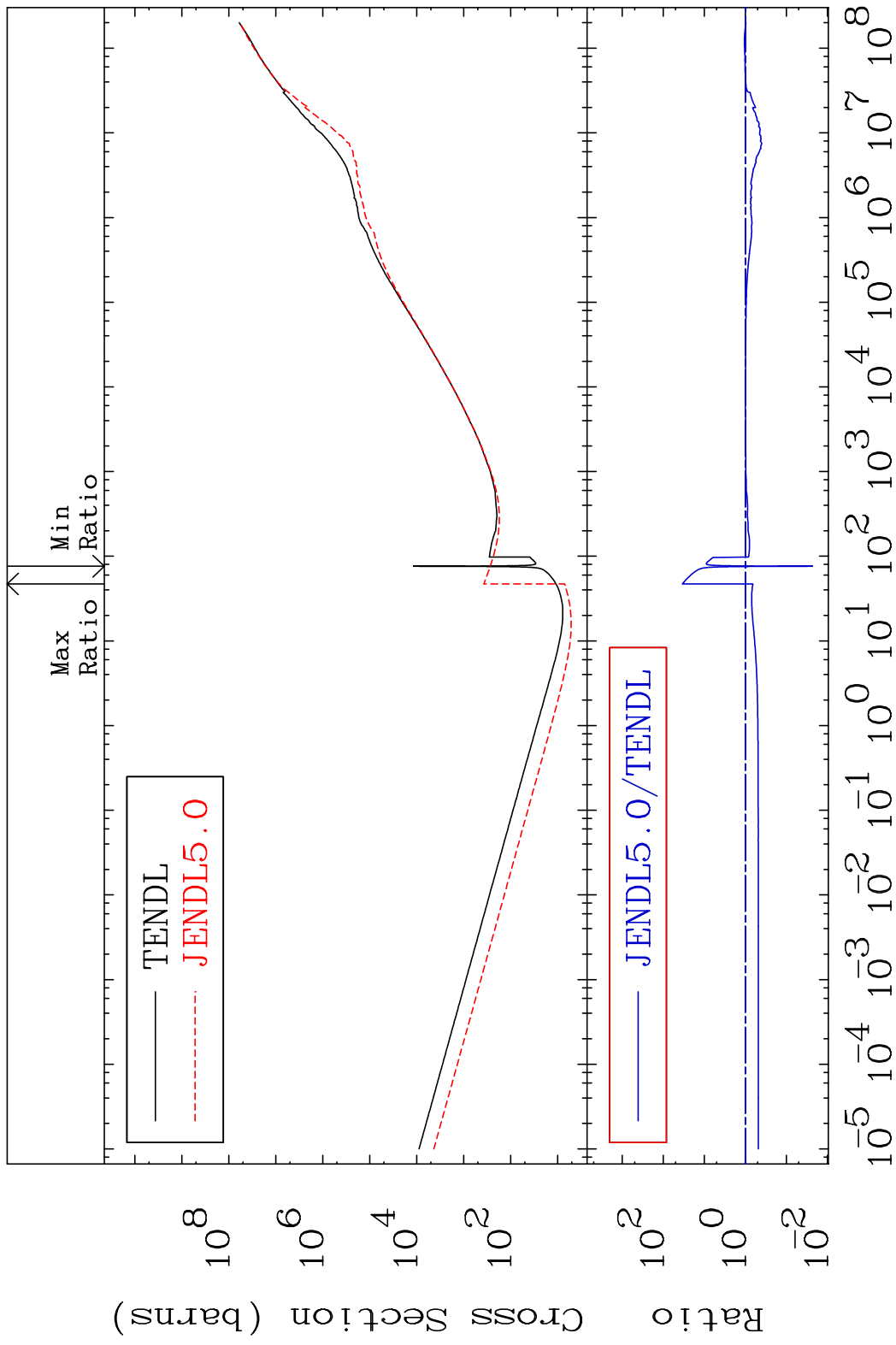
He-4 Production

41-Nb-93m

Cross Section -93.94 To 958.3 %



MAT 4126 Kerma total (eV-barns) 41-Nb-93m
 Cross Section -97.71 To 3328. %

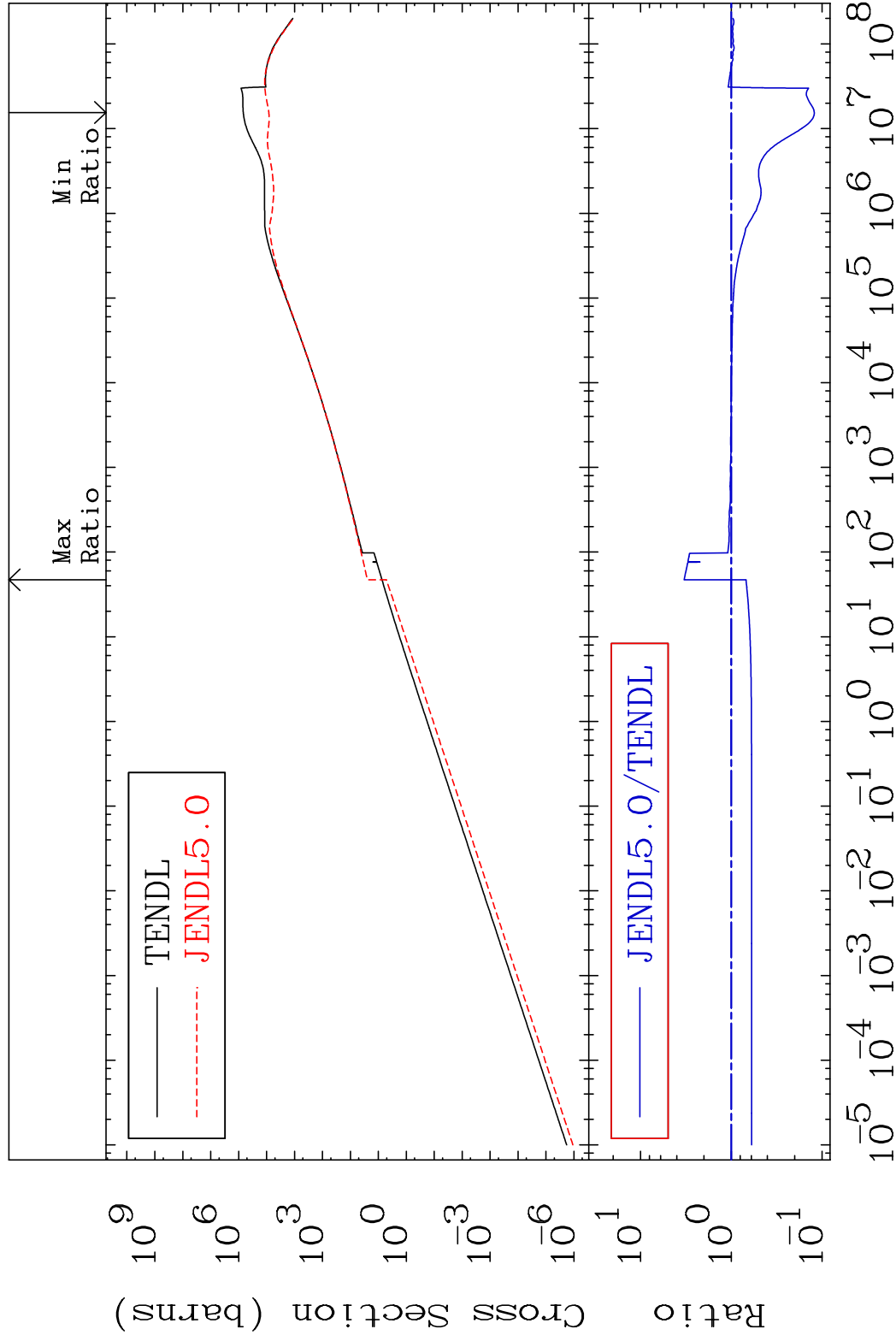


MAT 4126

Kerma elastic

41-Nb-93m

Cross Section -87.81 To 231.8 %

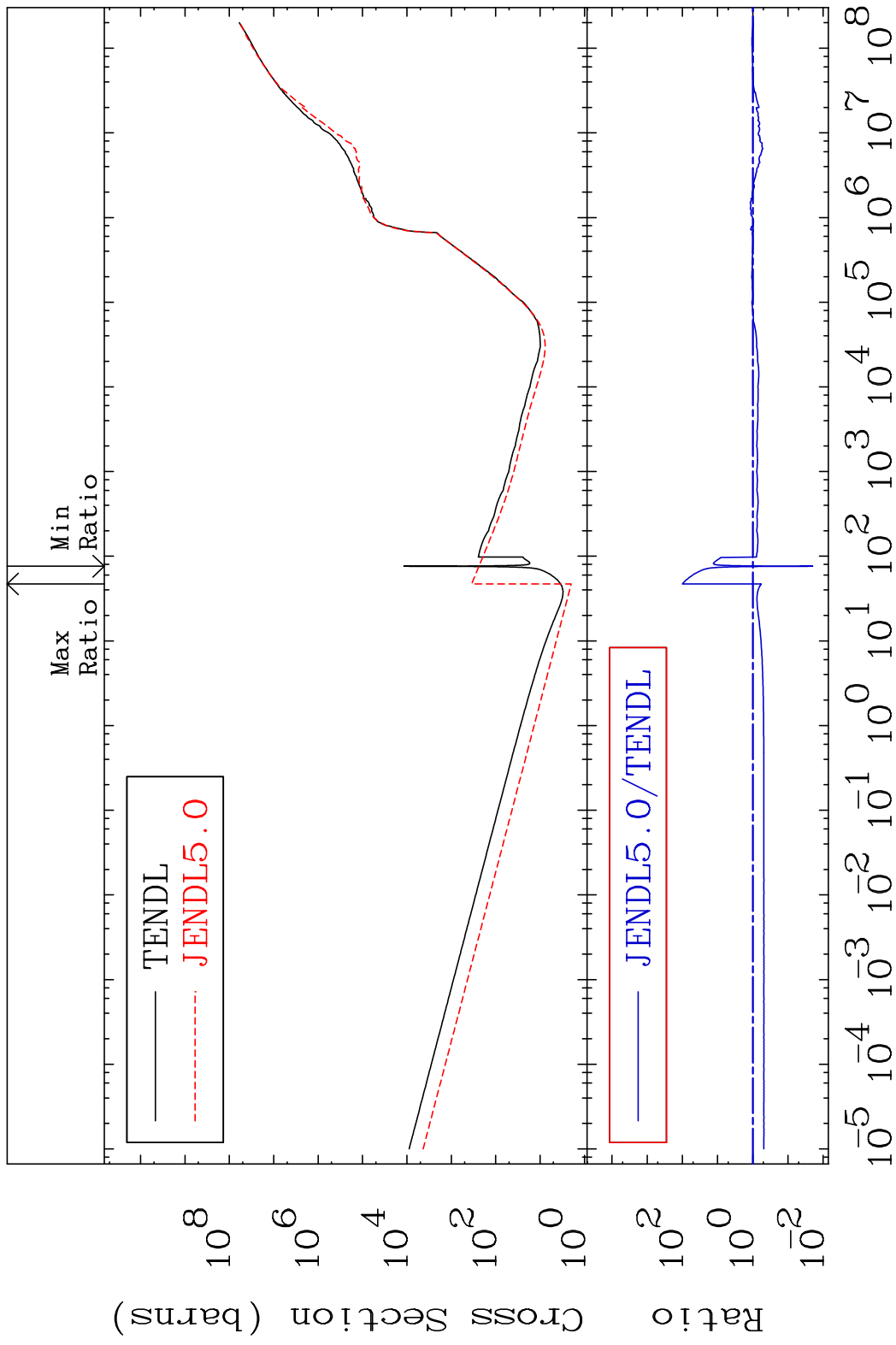


57

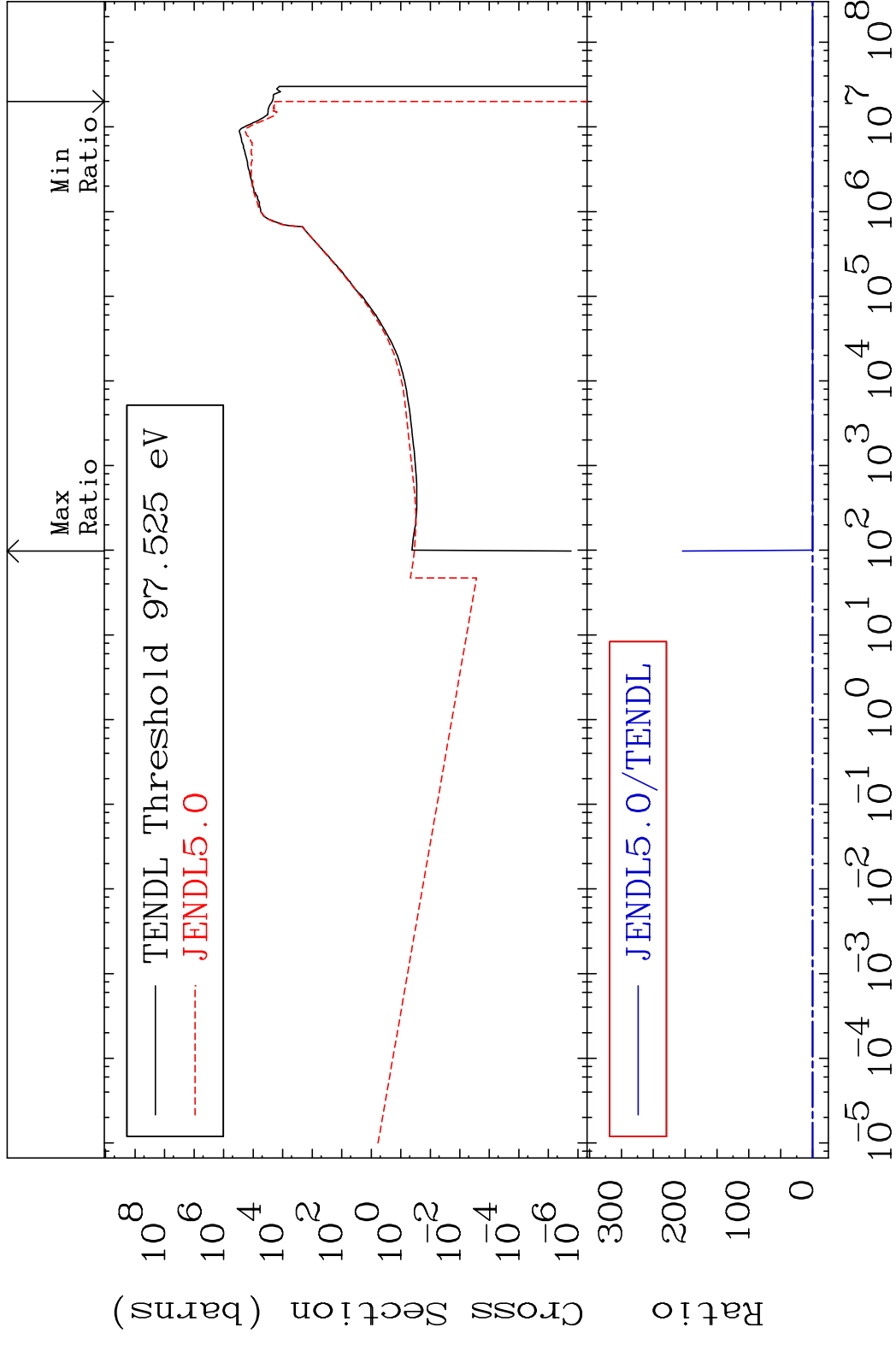
Incident Energy (eV)

41-Nb-93m

MAT 4126 Kerma non-elastic (all but mt2) 41-Nb-93m
 Cross Section -97.99 To 9943. %

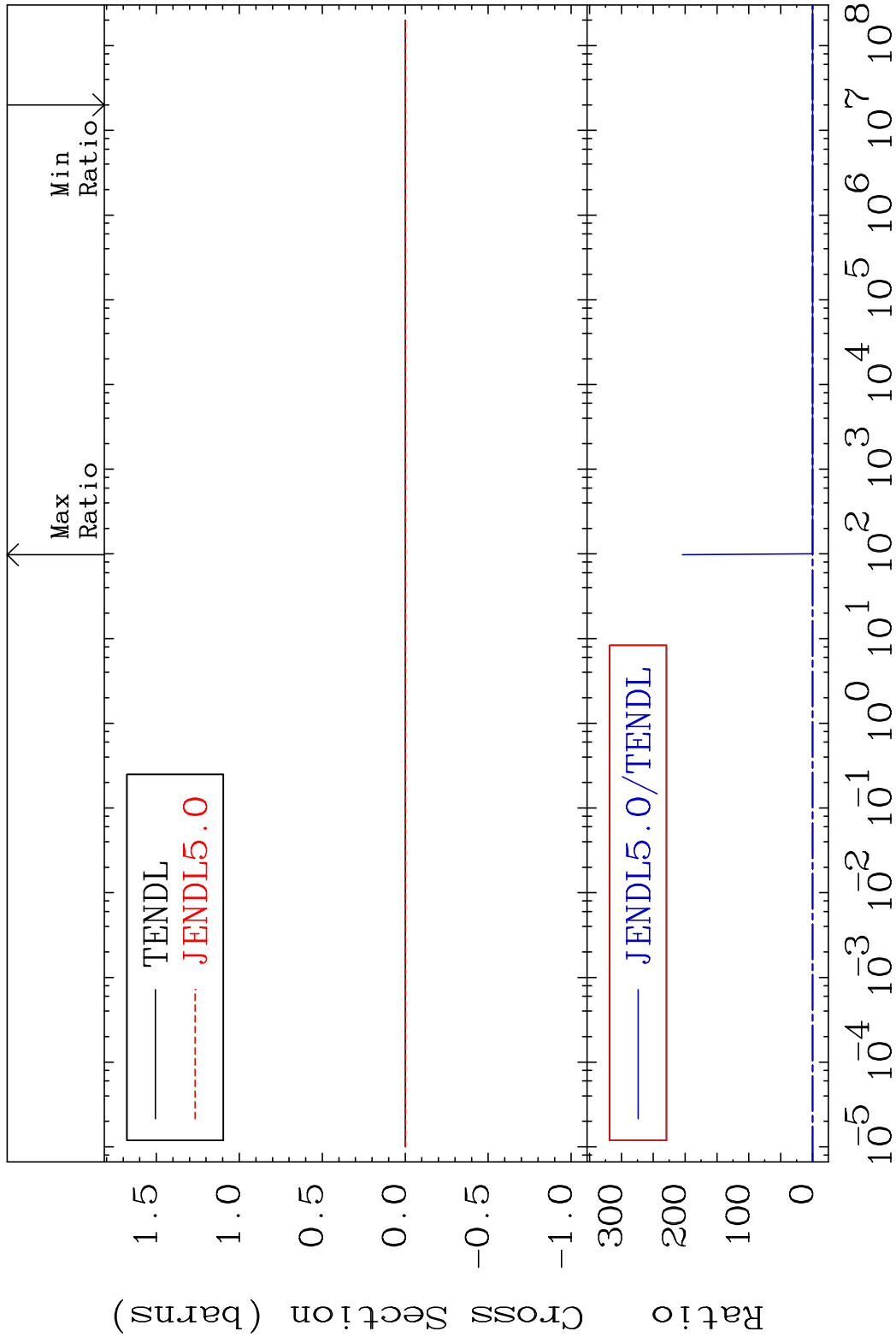


MAT 4126 Kerma inelastic (mt51-91) 41-Nb-93m
 Cross Section -100.0 To 9999. %



59 Incident Energy (eV) 41-Nb-93m

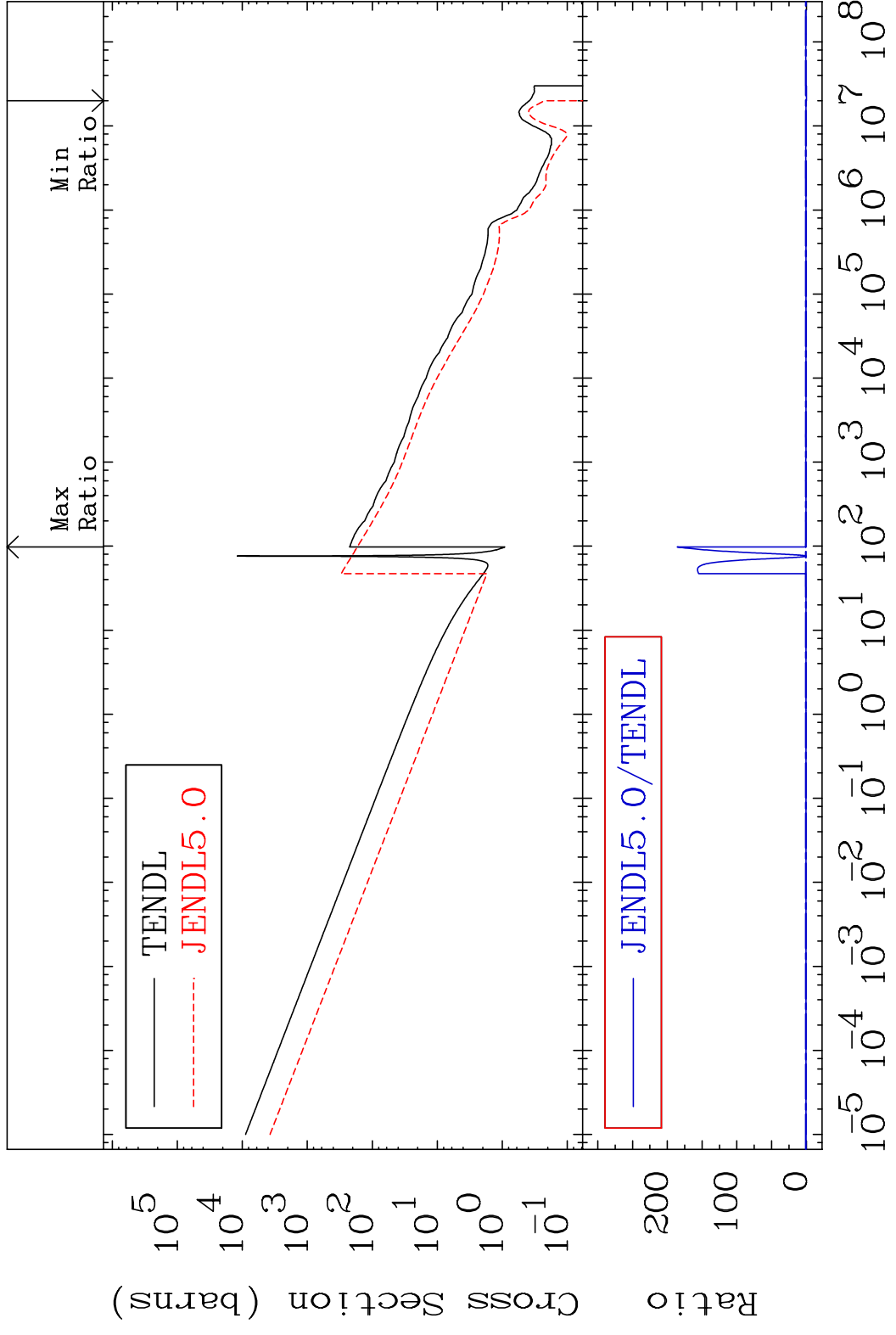
MAT 4126 Kerma fission (mt18 or mt19-20-21-38) 41-Nb-93m
 Cross Section -100.0 To 9999. %



60 Incident Energy (eV) 41-Nb-93m

MAT 4126

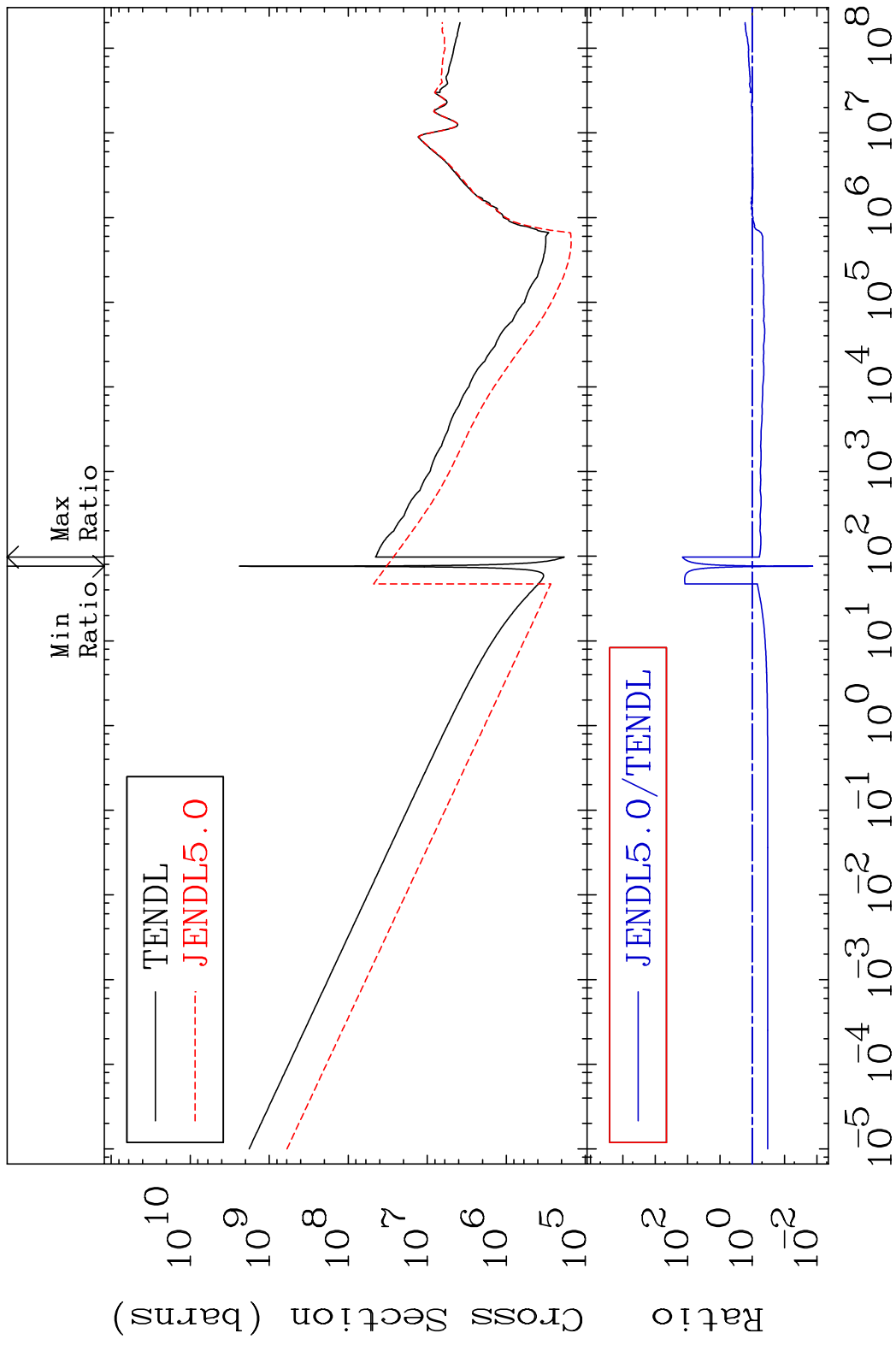
Kerma capture (mt102) 41-Nb-93m
Cross Section -100.0 To 9999. %



61

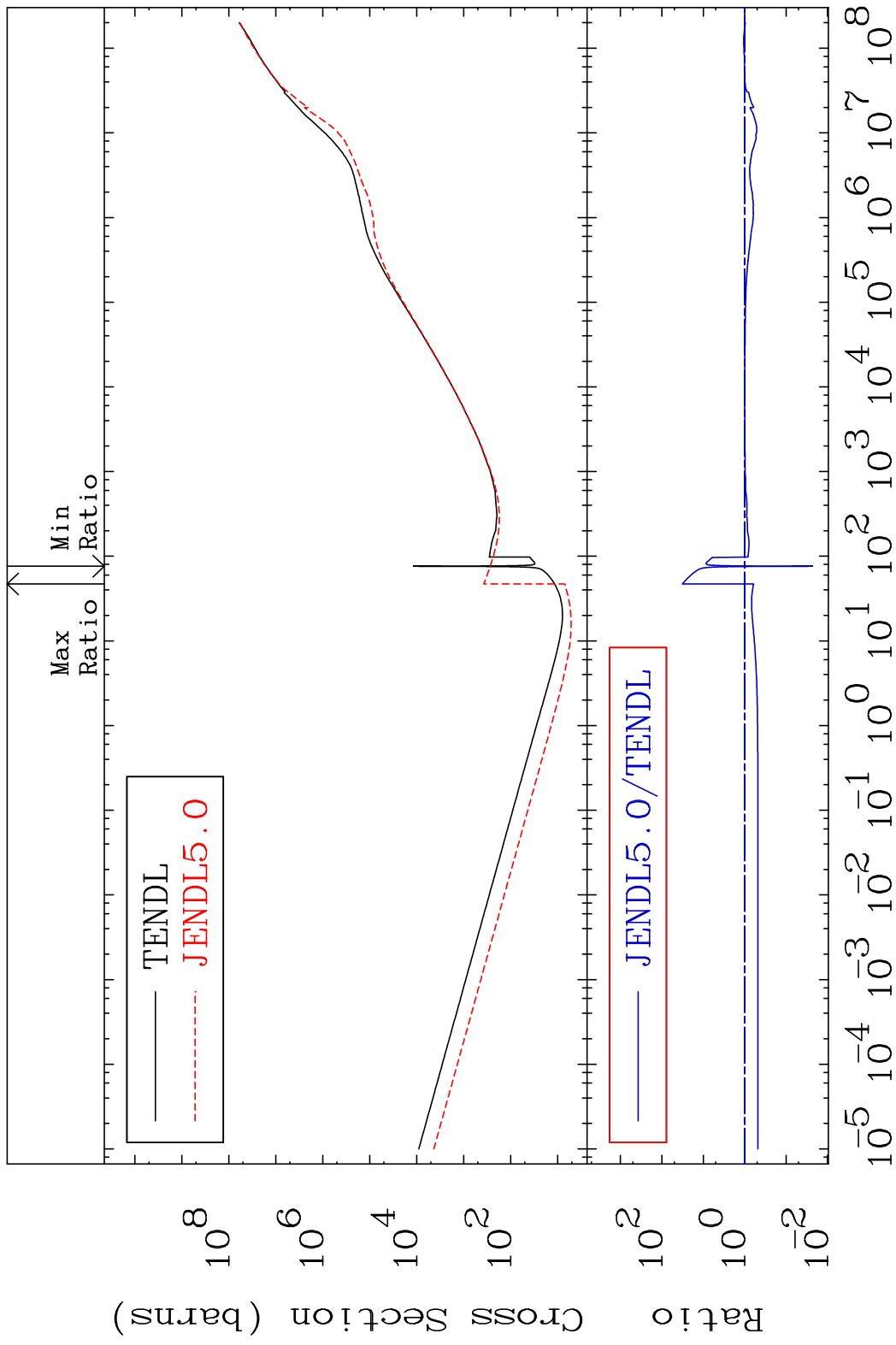
Incident Energy (eV) 41-Nb-93m

MAT 4126 Total photon (eV-barns) 41-Nb-93m
 Cross Section -98.63 To 9999. %

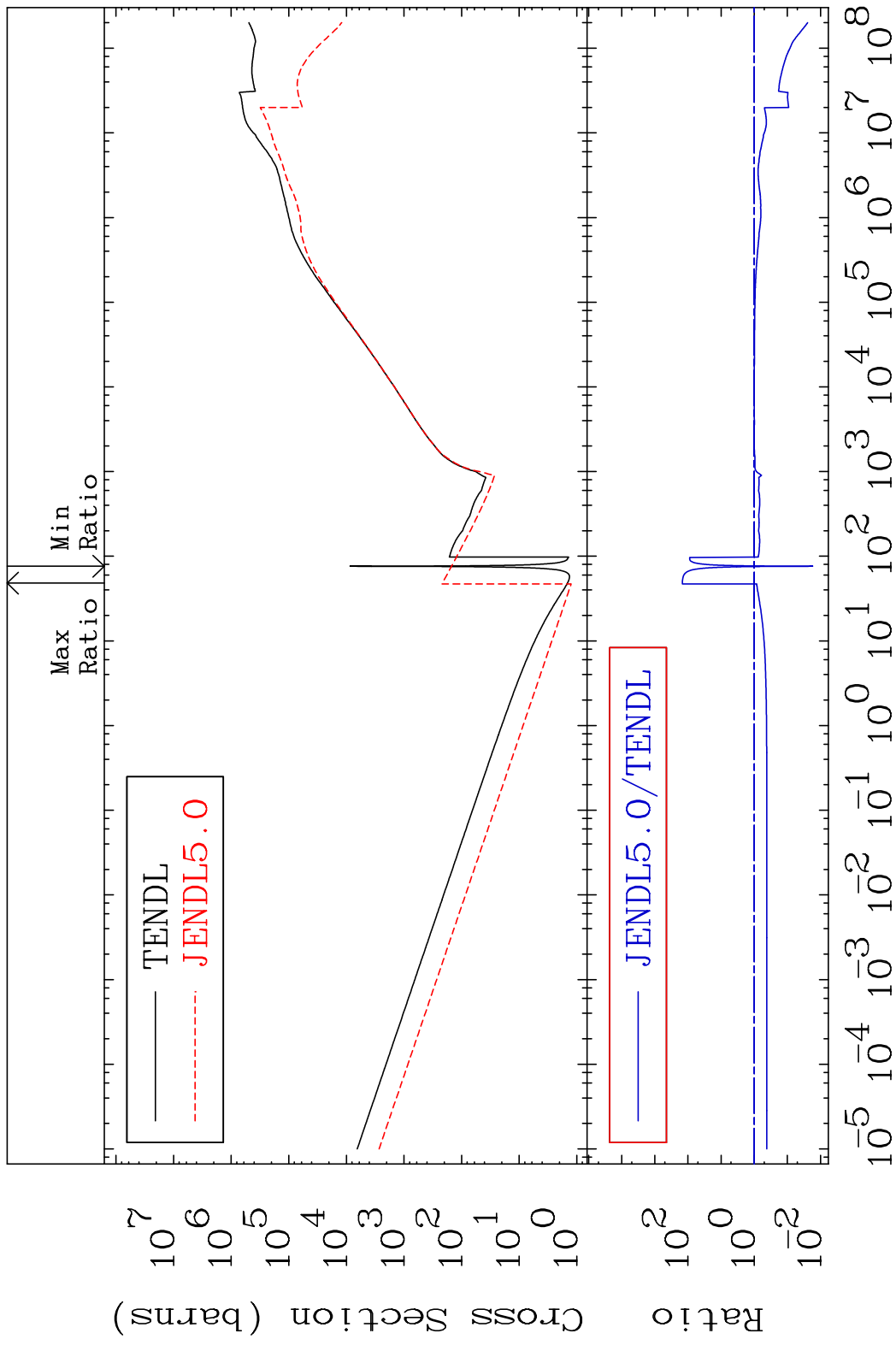


62 Incident Energy (eV) 41-Nb-93m

MAT 4126 Total kinematic kerma (high limit) 41-Nb-93m
 Cross Section -97.71 To 3098. %



MAT 4126 Dpa total (eV-barns) 41-Nb-93m
 Cross Section -98.26 To 9999. %



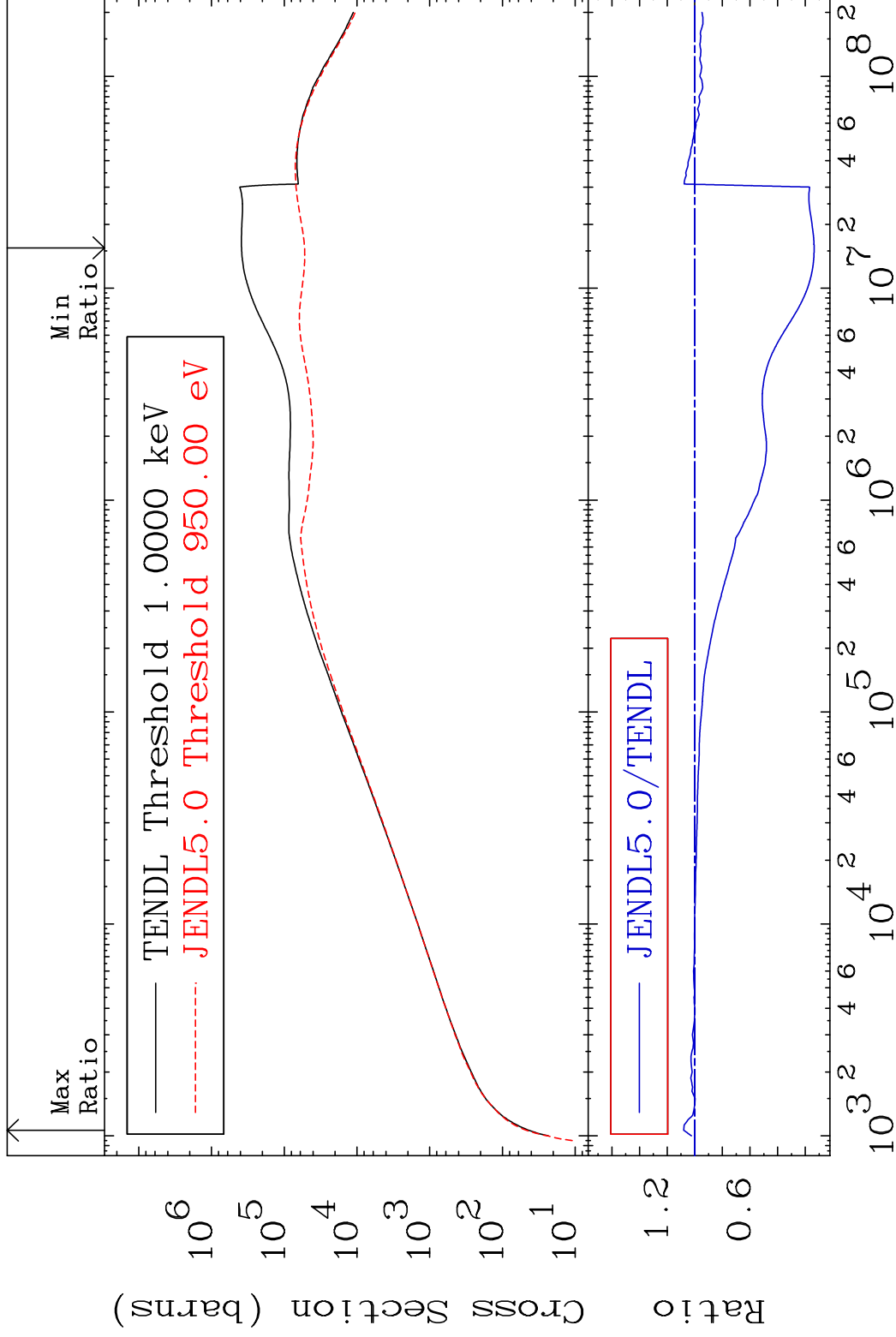
MAT 4126

Dpa elastic (mt2)

41-Nb-93m

Cross Section

-86.40 To 8.045 %



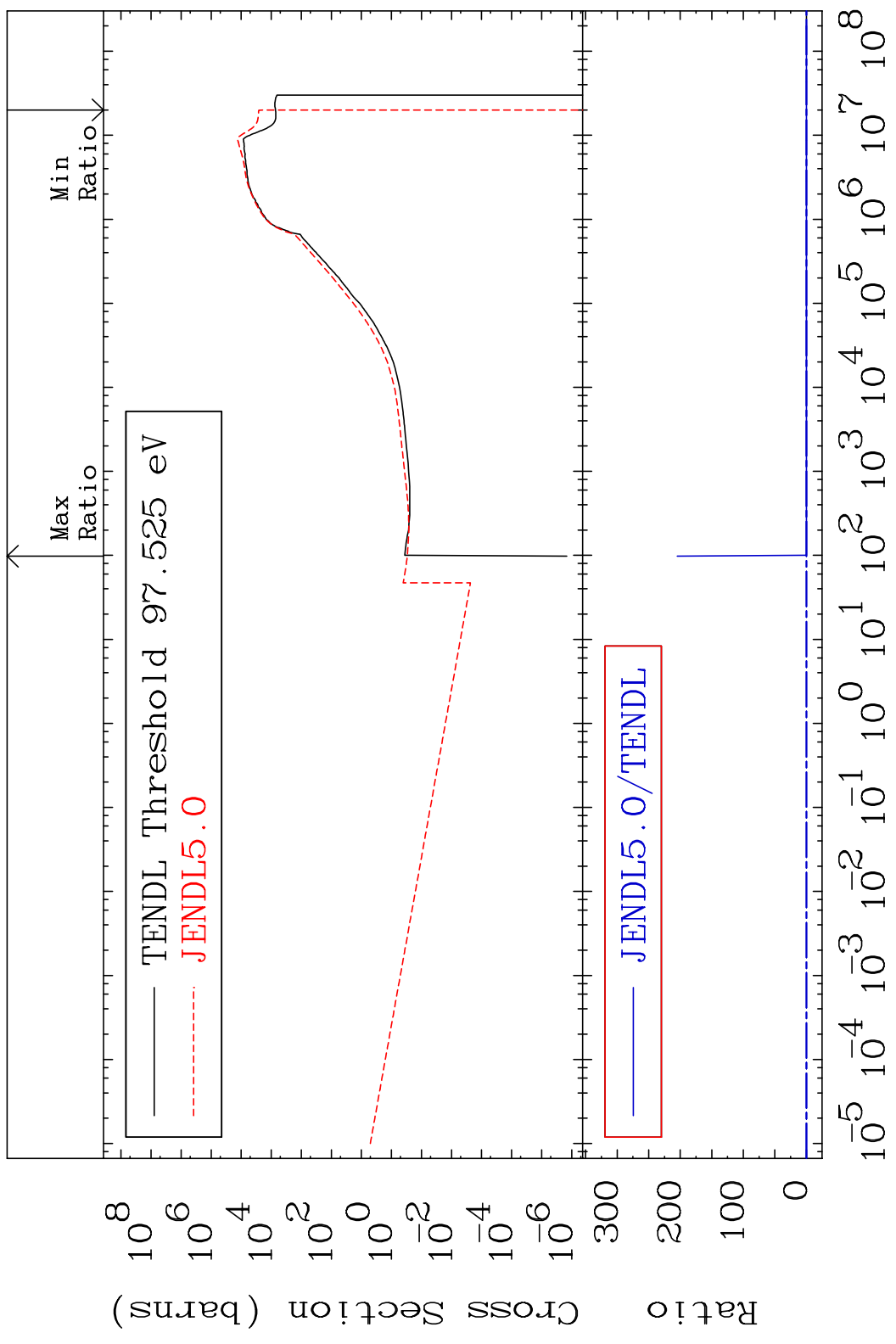
65

Incident Energy (eV)

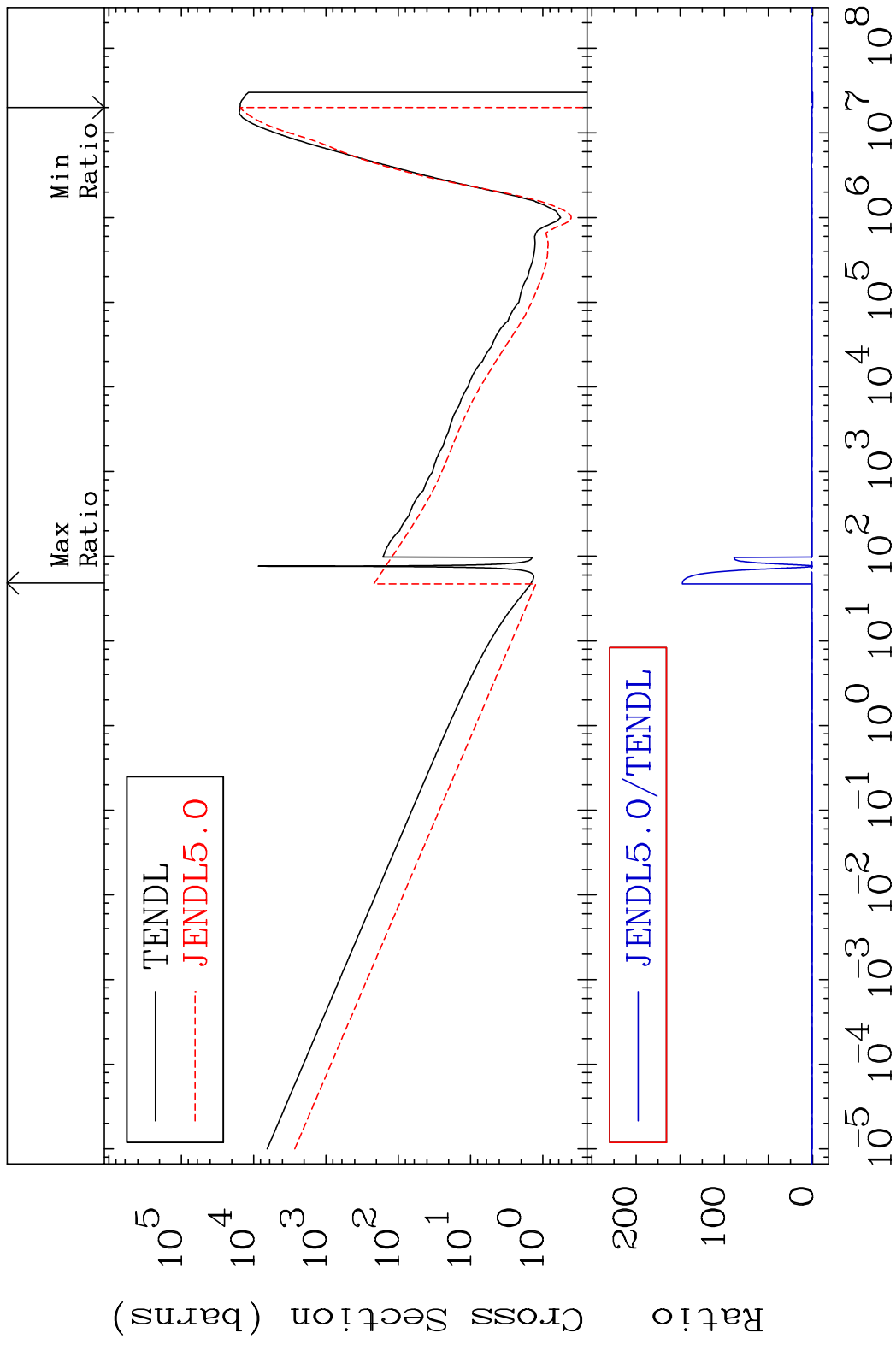
41-Nb-93m

MAT 4126

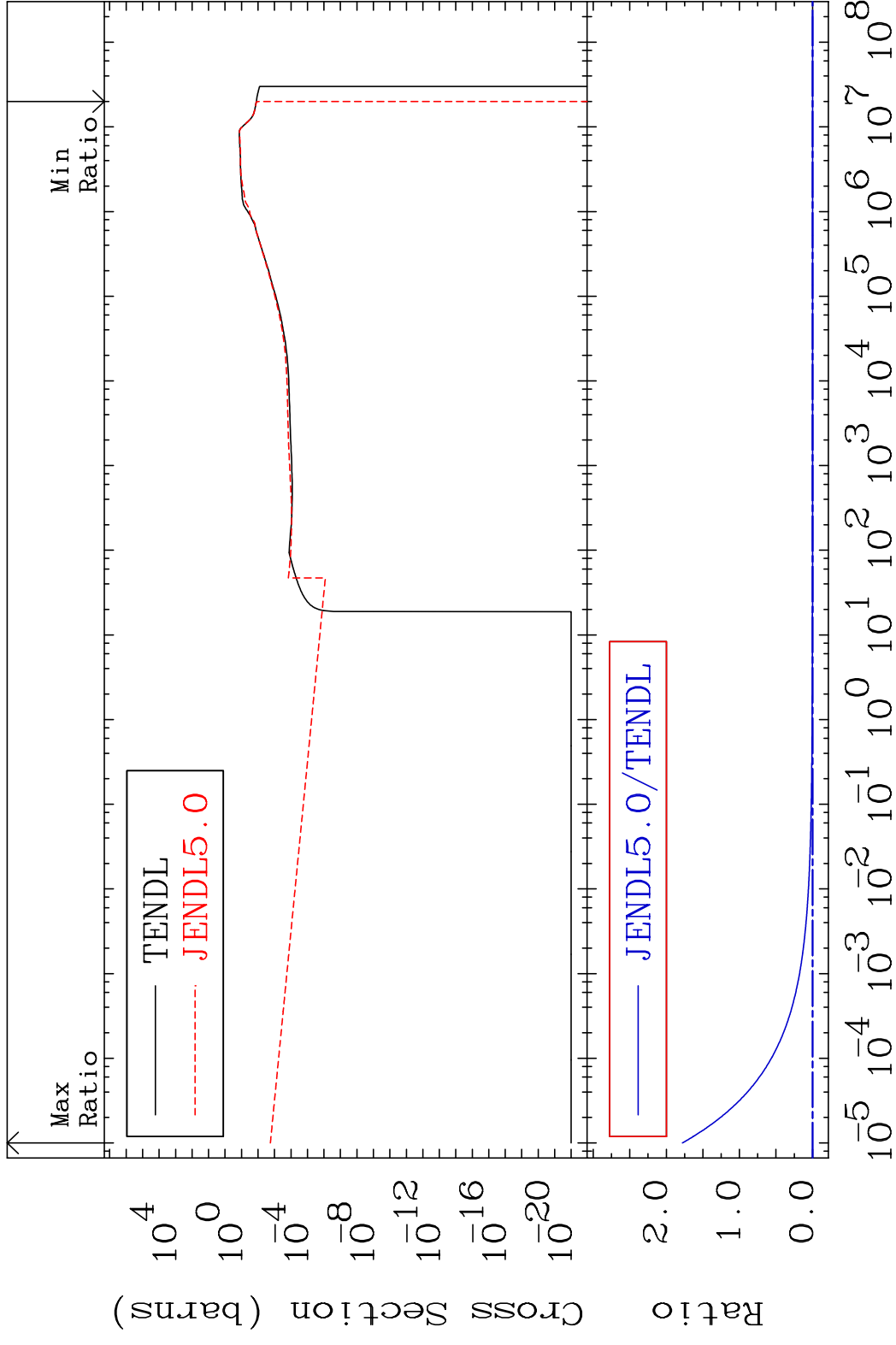
Dpa inelastic (mt51-91) 41-Nb-93m
Cross Section -100.0 To 9999. %



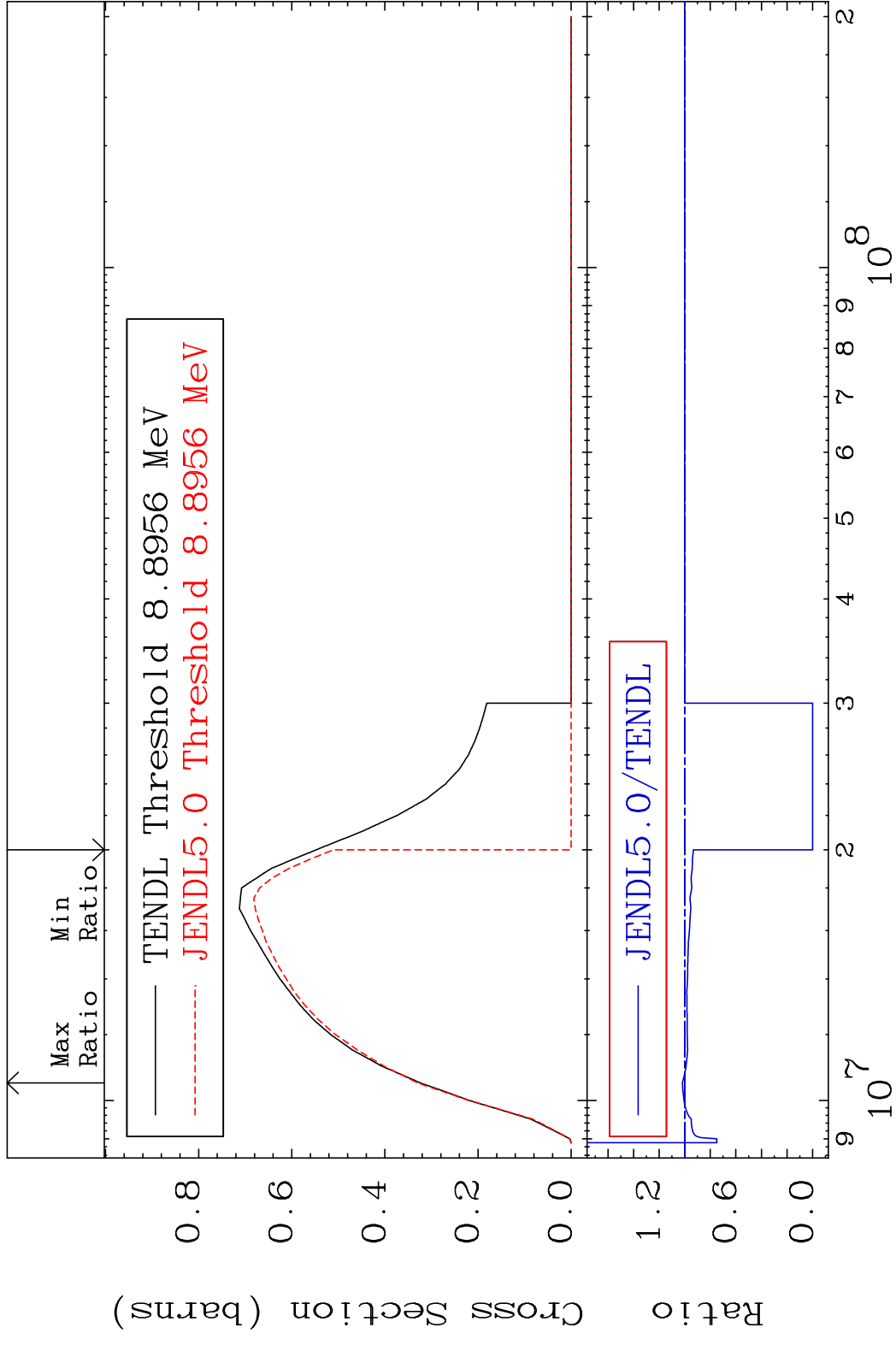
MAT 4126 Dpa disappearance (mt102 -120) 41-Nb-93m
 Cross Section -100.0 To 9999. %



67 Incident Energy (eV) 41-Nb-93m

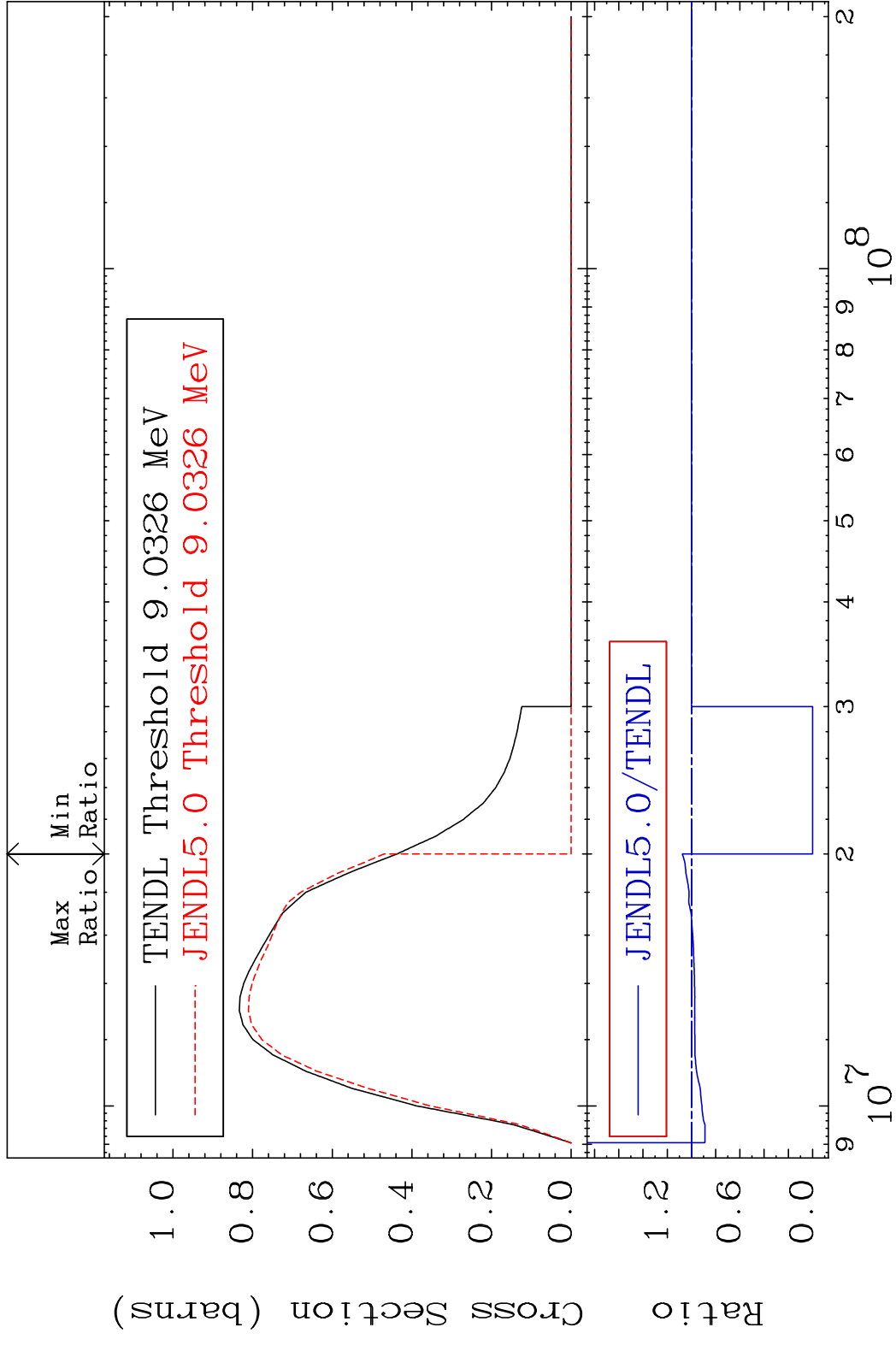


MAT 4126 (n,2n):41-Nb-92g 41-Nb-93m
 Radionuclide Production Cross Section 1.857 %



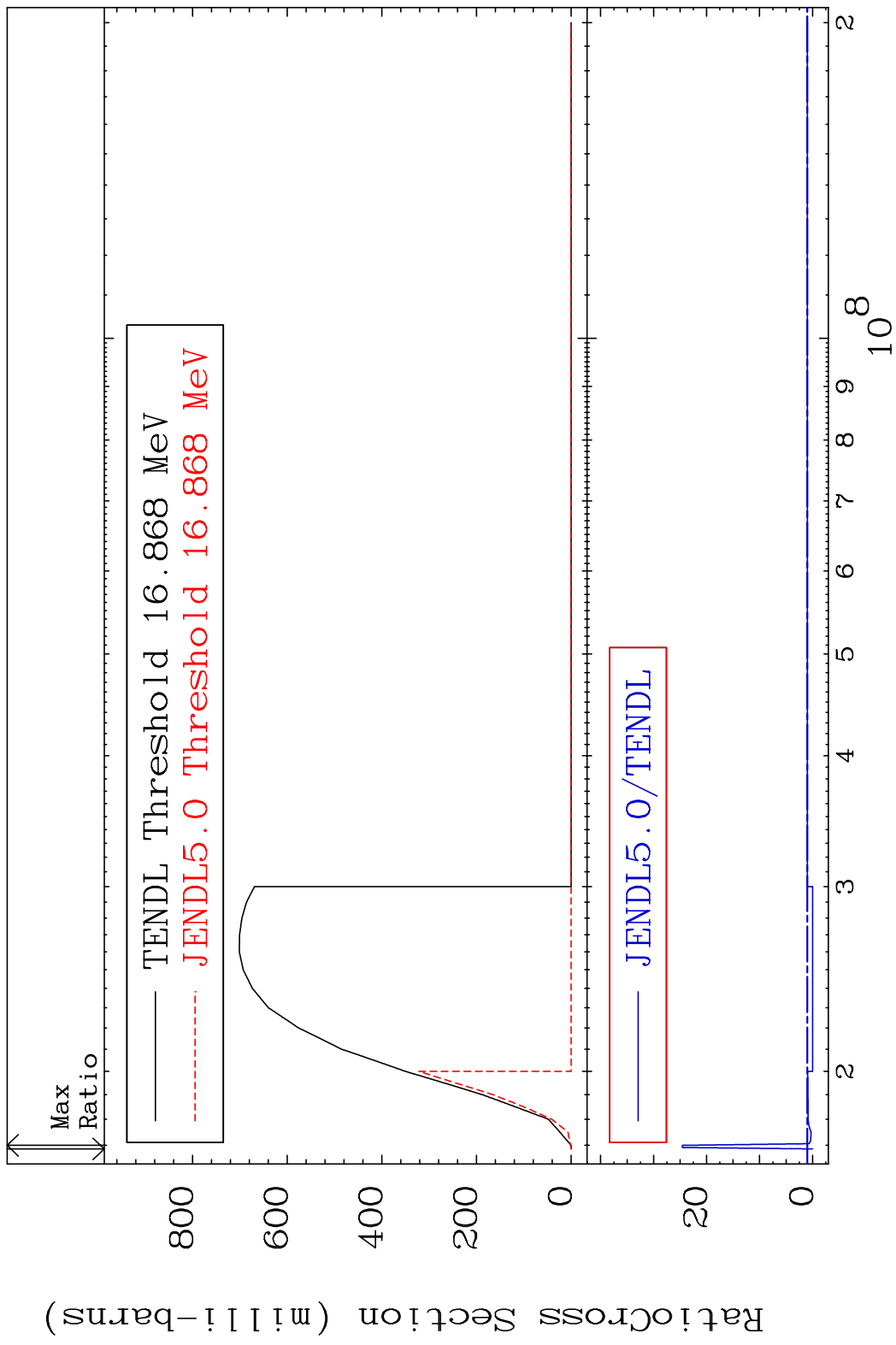
69 Incident Energy (eV) 41-Nb-93m

MAT 4126 (n,2n):41-Nb-92m1 41-Nb-93m
 Radionuclide Production Cross Section 18000 dth 7.516 %

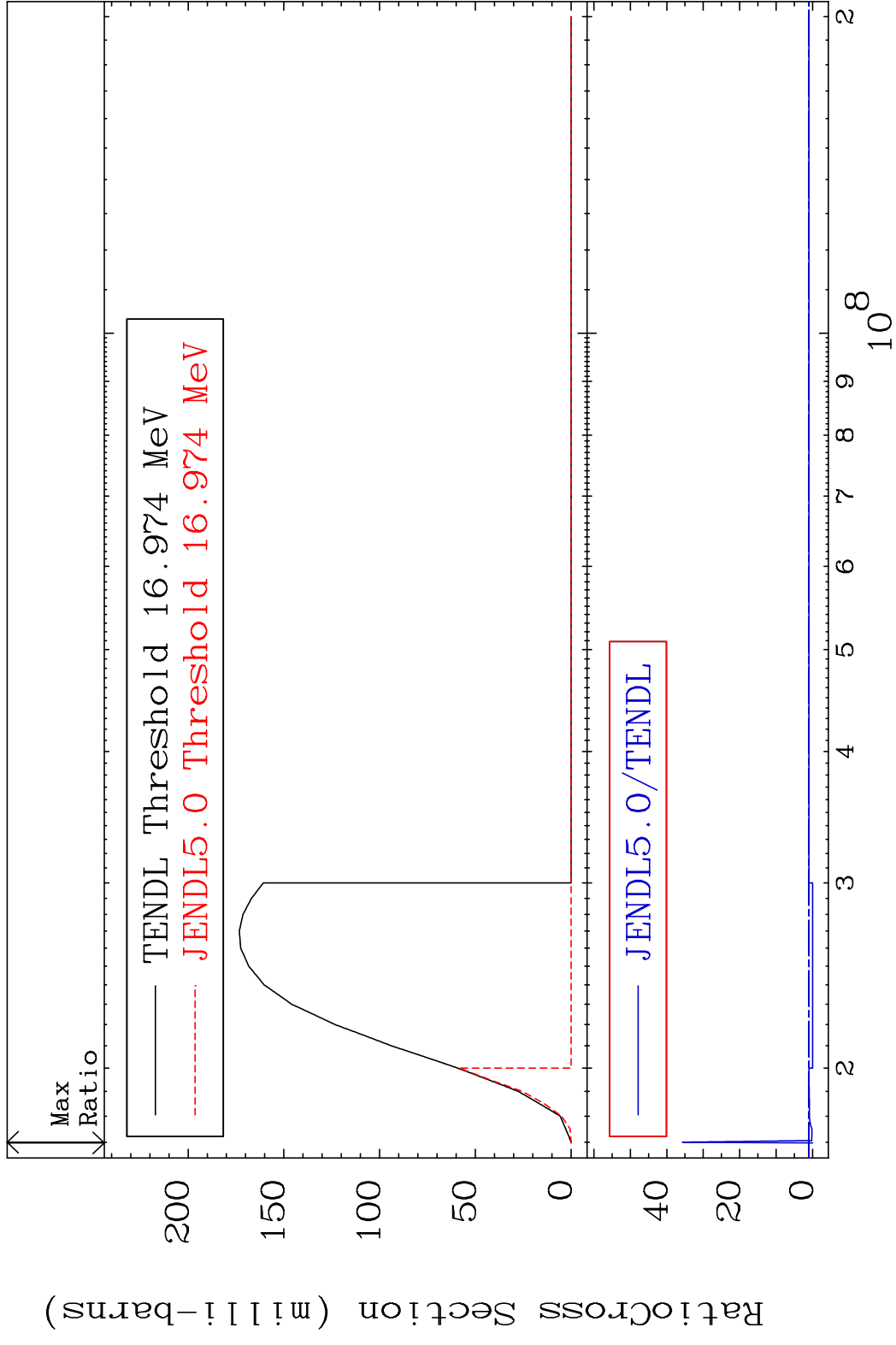


70 Incident Energy (eV) 41-Nb-93m

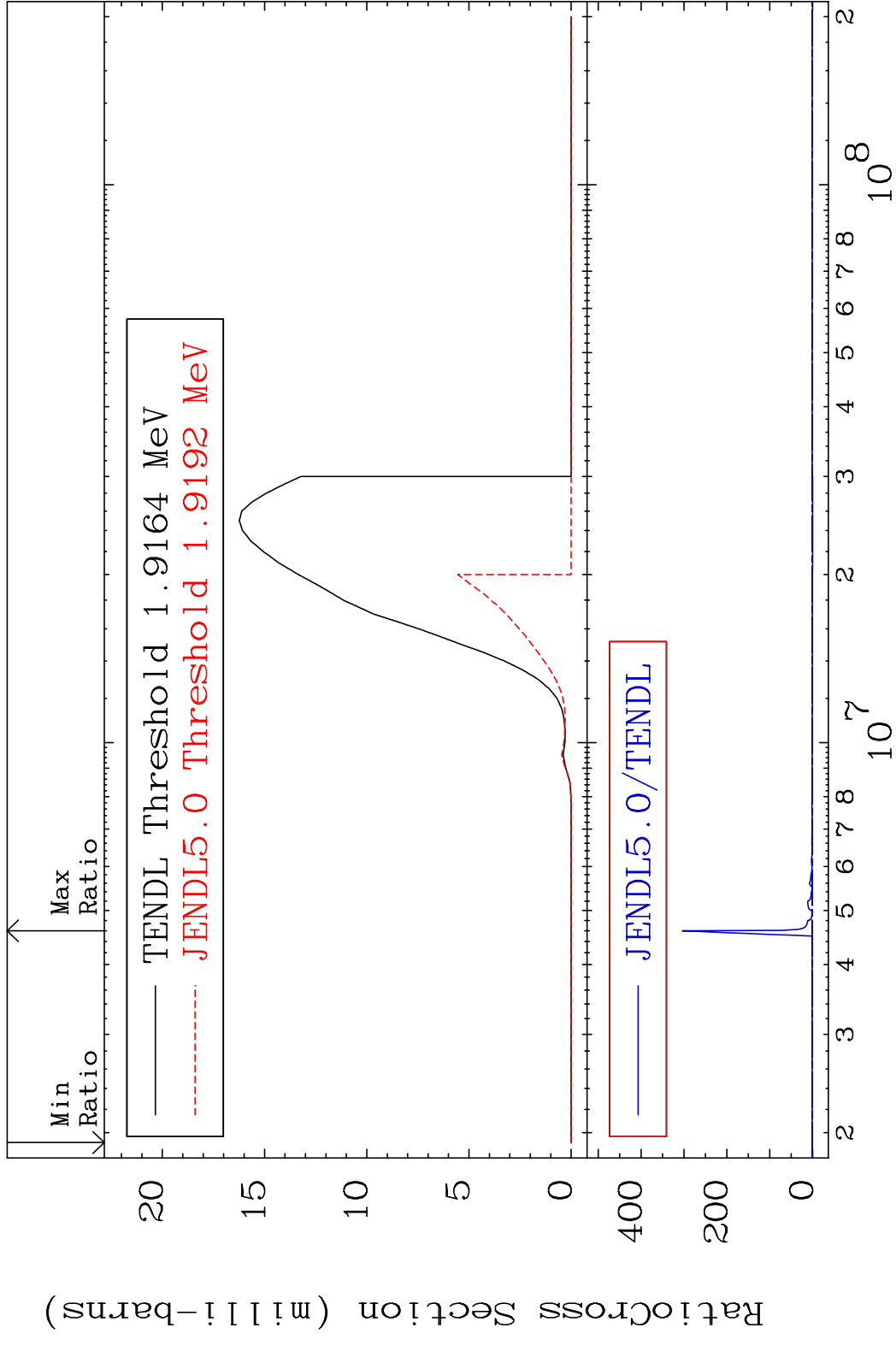
MAT 4126 (n,3n):41-Nb-91g 41-Nb-93m
 Radionuclide Production Cross Section 180.0 dth 2357. %

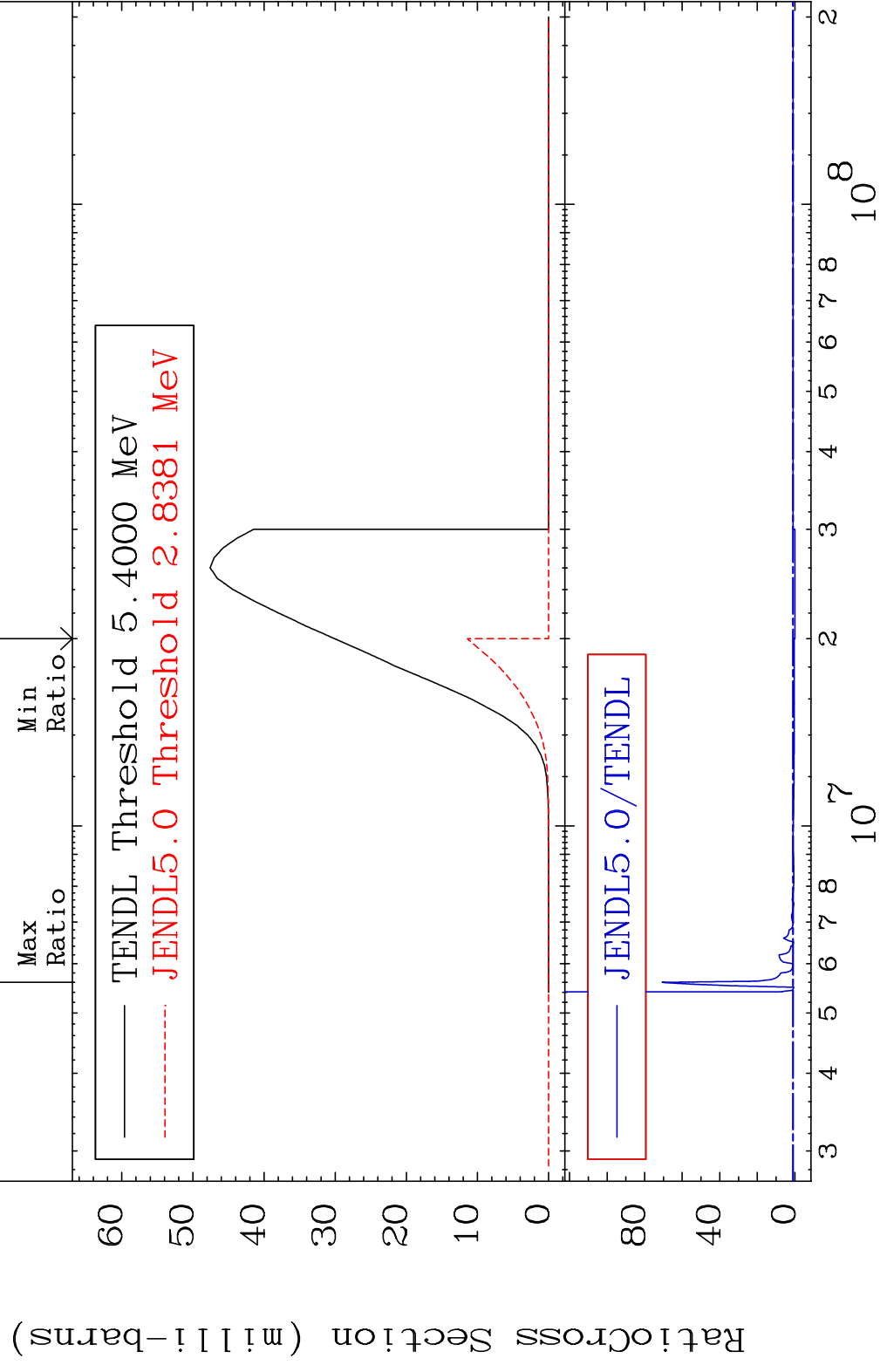


MAT 4126 (n,3n):41-Nb-91m1 41-Nb-93m
 Radionuclide Production Cross Section 180.01 dth 3473. %

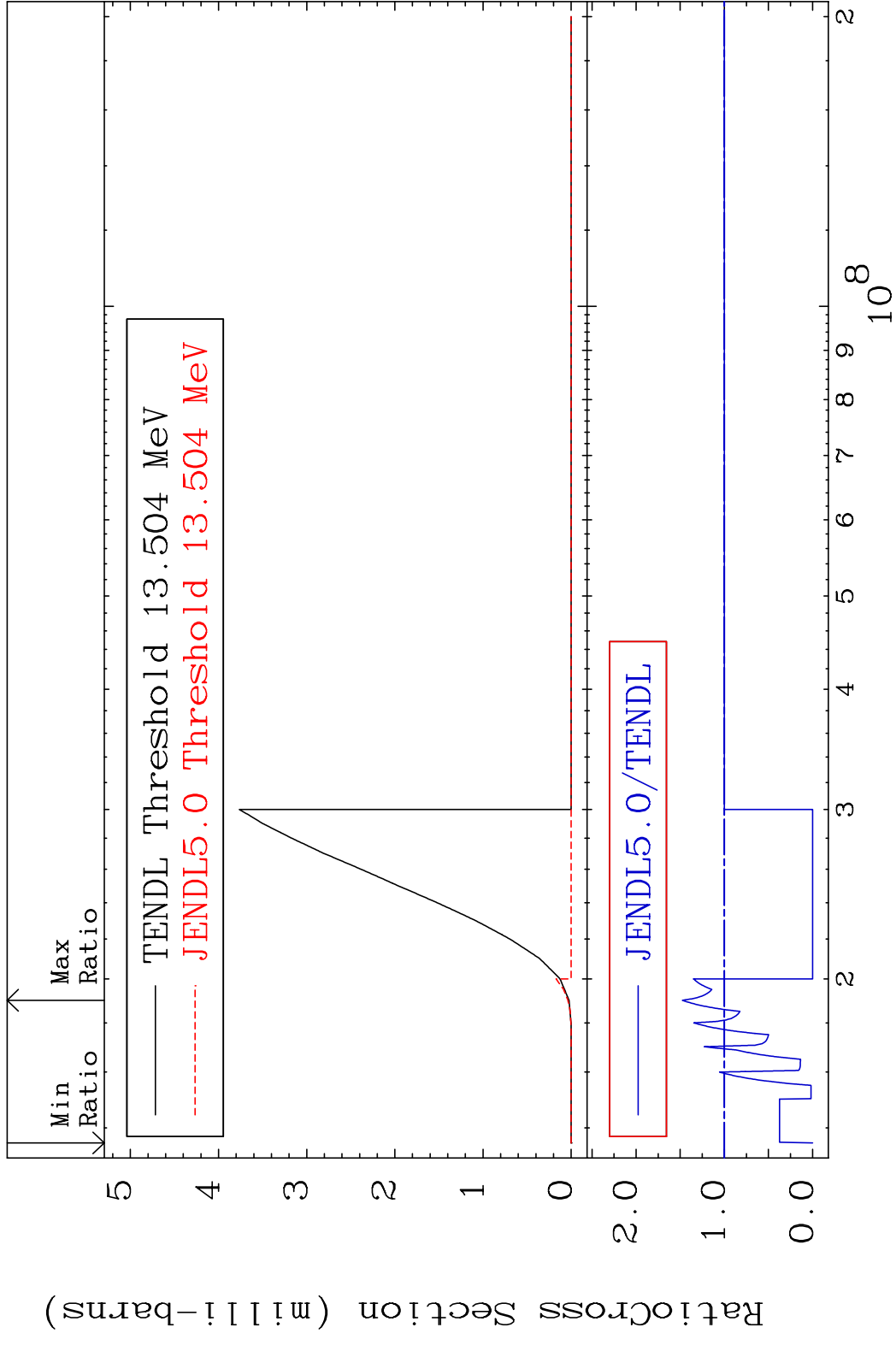


MAT 4126 (n, n') α :39-Y -89g 41-Nb-93m
 Radionuclide Production Cross Section Ratio 9999. %

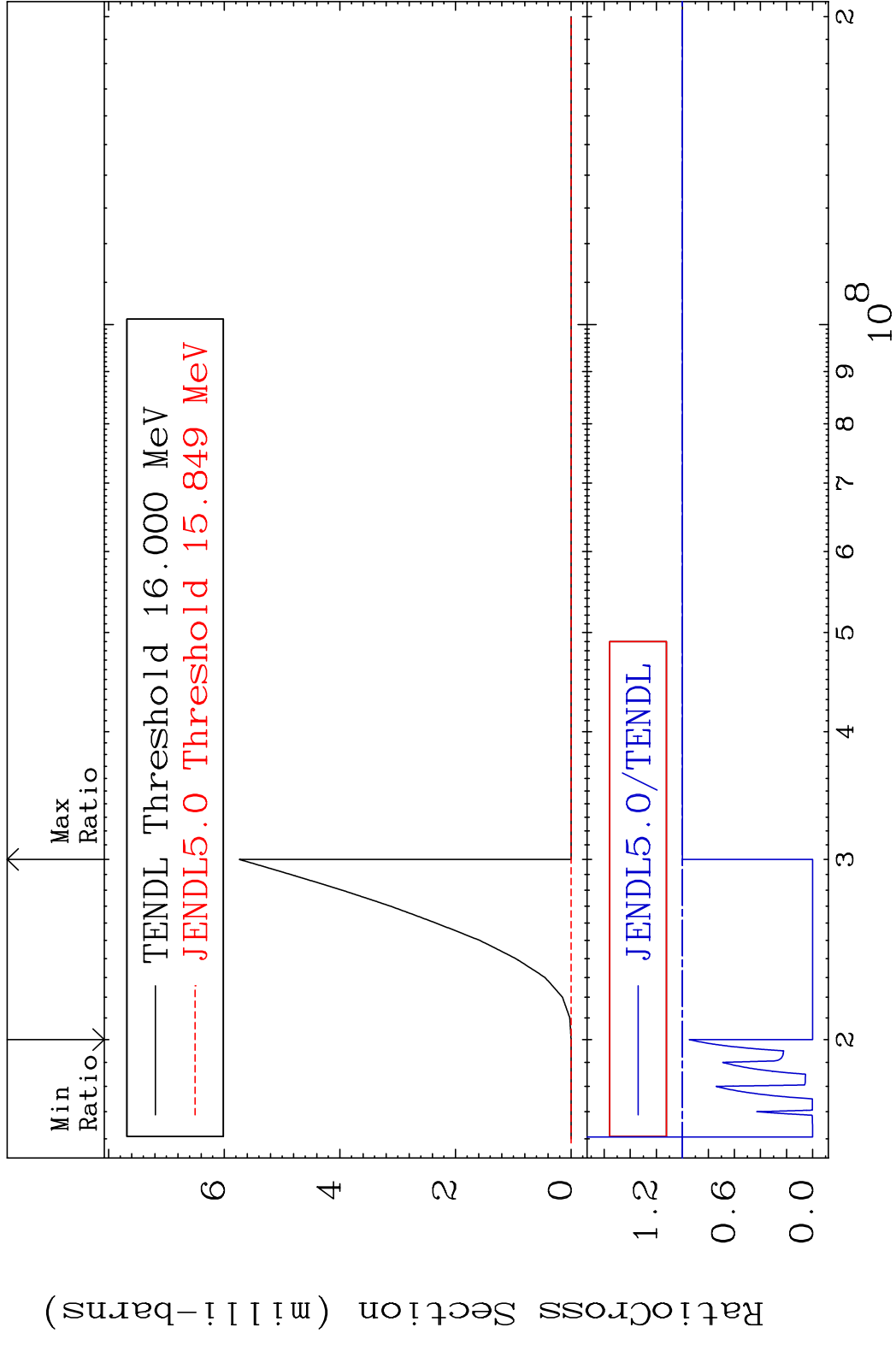




MAT 4126 (n, n') t:40-Zr-90g 41-Nb-93m
 Radionuclide Production Cross Section 180.01 dth 47.58 %



MAT 4126 (n, n') t:40-Zr-90m3 41-Nb-93m
 Radionuclide Production Cross Section 180.0 mb 0.000 %



MAT 4126 (n, He-3):39-Y -91g 41-Nb-93m
 Radionuclide Production Cross Section 1800000 7001. %

