

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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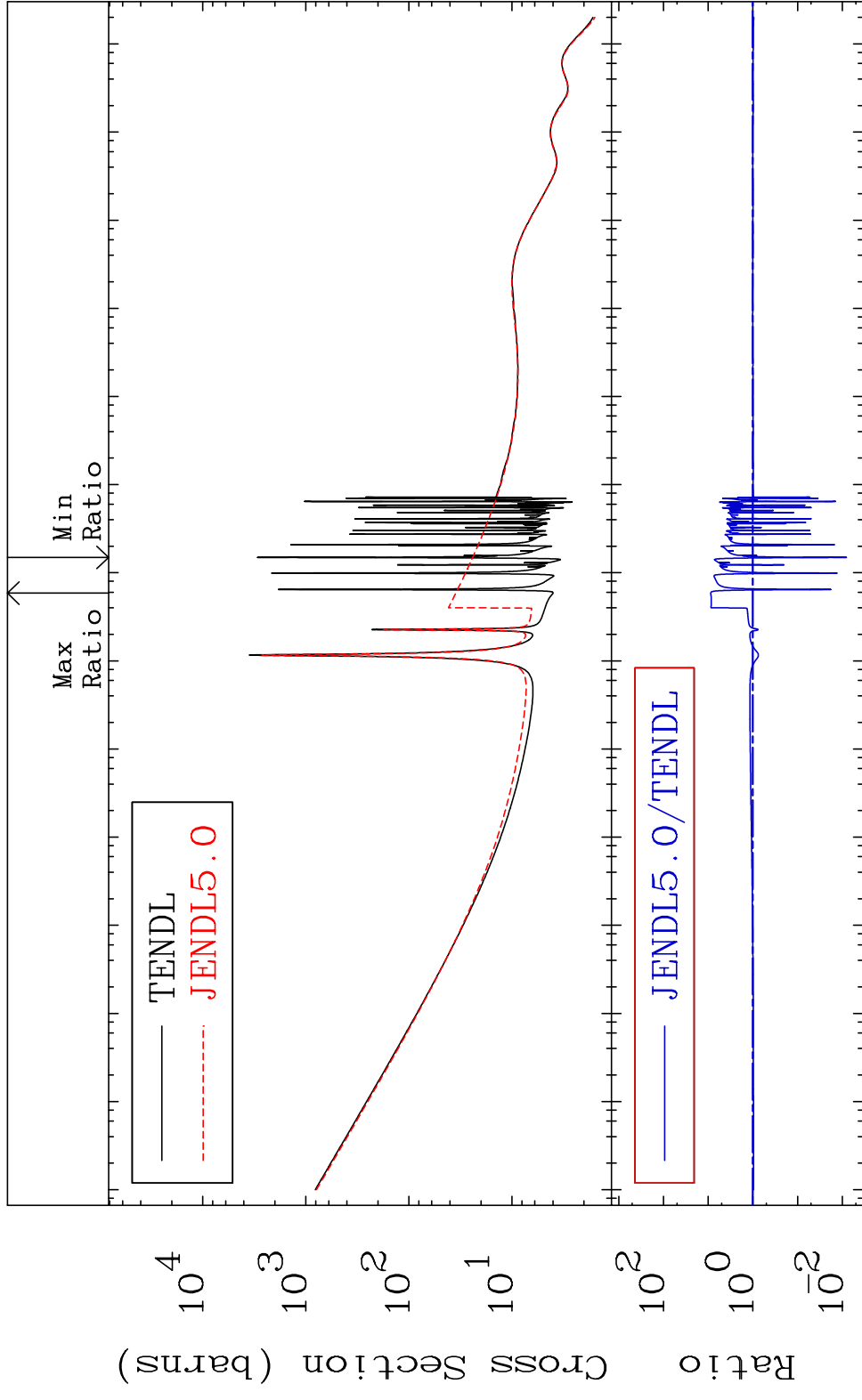
Press Mouse Button to Start

MAT 4128

41-Nb-94

Total

Cross Section -99.19 To 778.1 %



10⁴ 10³ 10² 10¹ 10⁰ 10⁻¹ 10⁻² 10⁻³ 10⁻⁴ 10⁻⁵ Incident Energy (eV)

41-Nb-94

Incident Energy (eV)

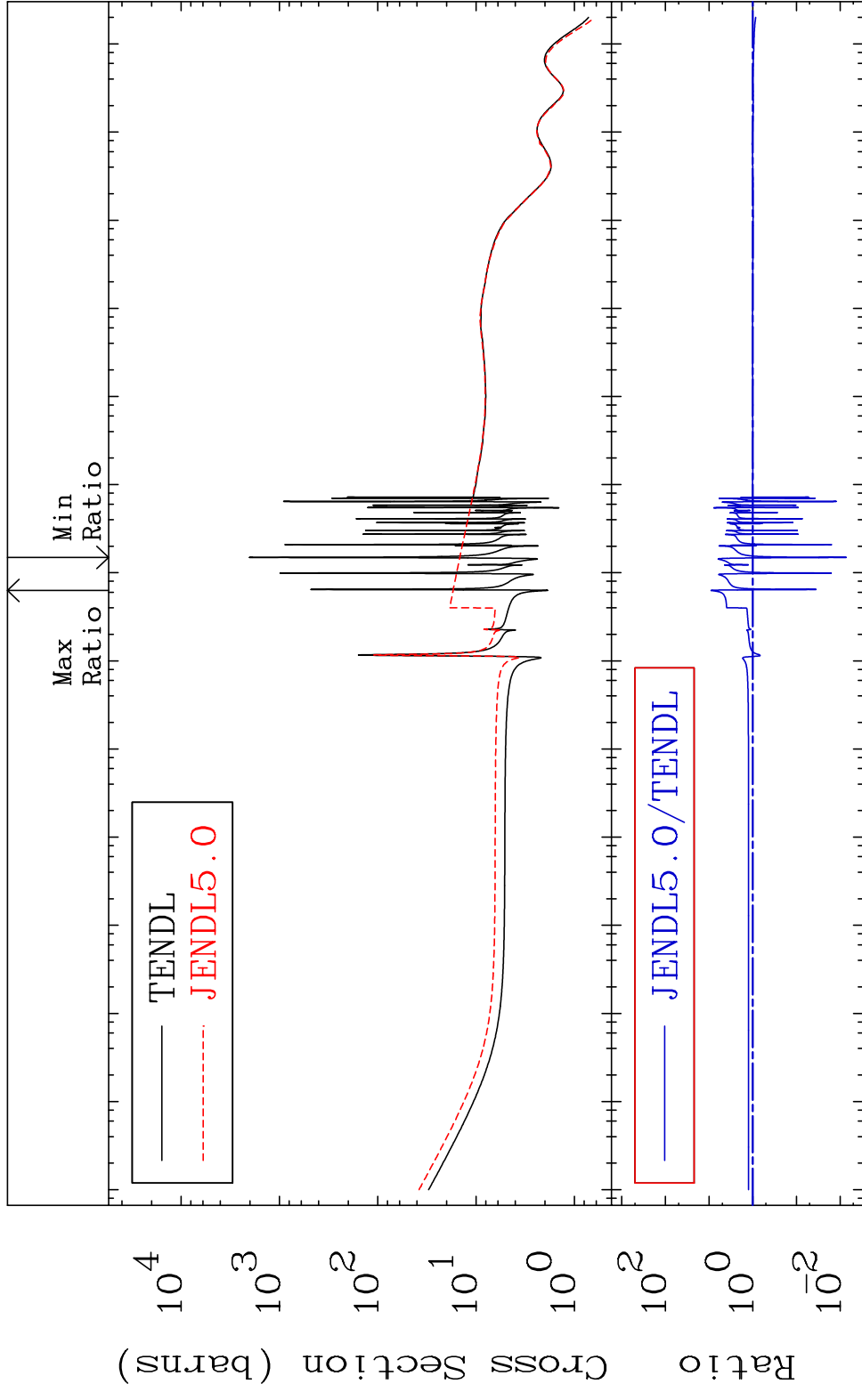
1

MAT 4128

41-Nb-94

Elastic

Cross Section -99.28 To 820.3 %

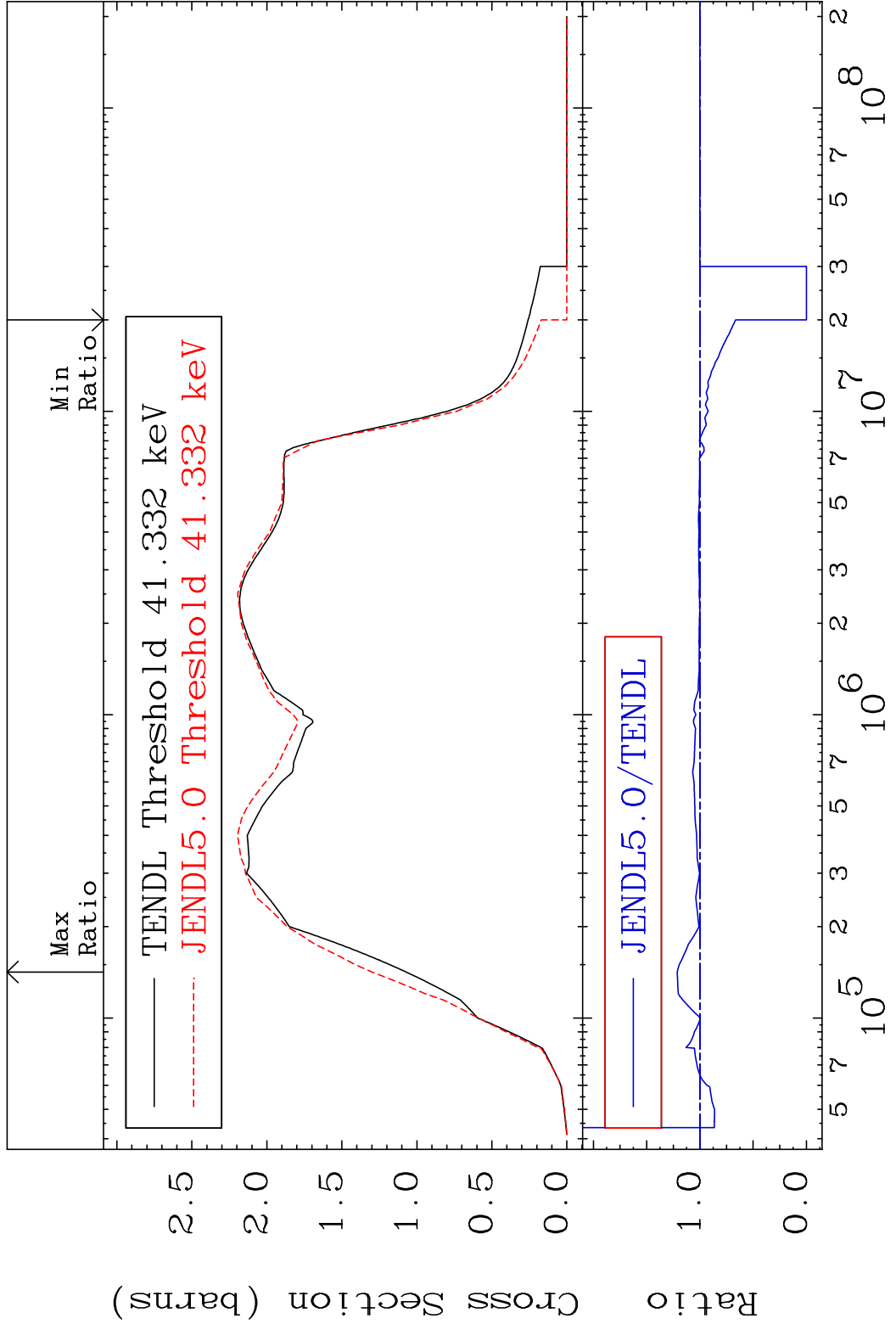


2

Incident Energy (eV)

41-Nb-94

MAT 4128 Inelastic Cross Section -100.0 To 21.33 % 41-Nb-94

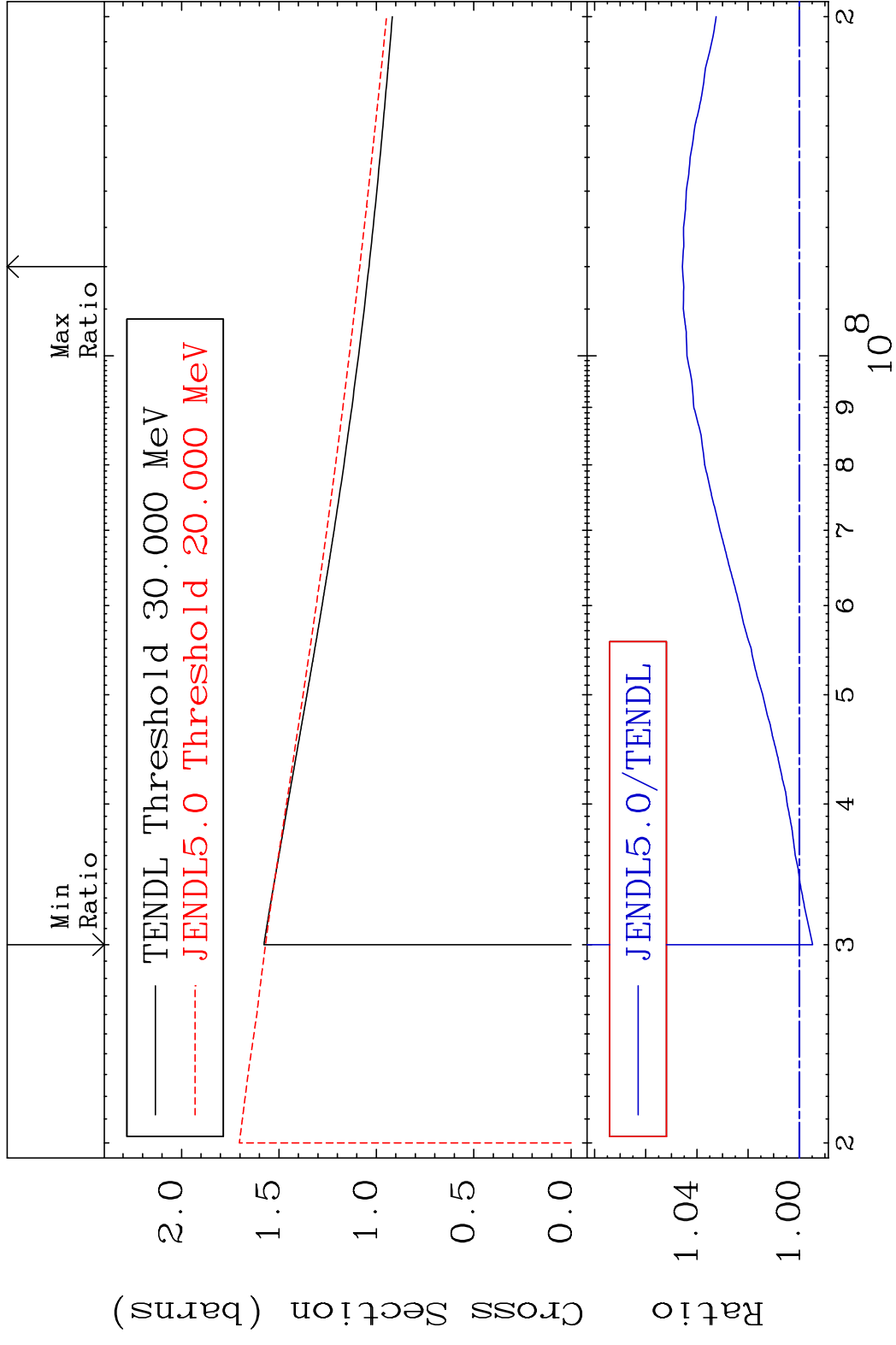


MAT 4128

(n, remainder)

41-Nb-94

Cross Section -0.517 To 4.570 %

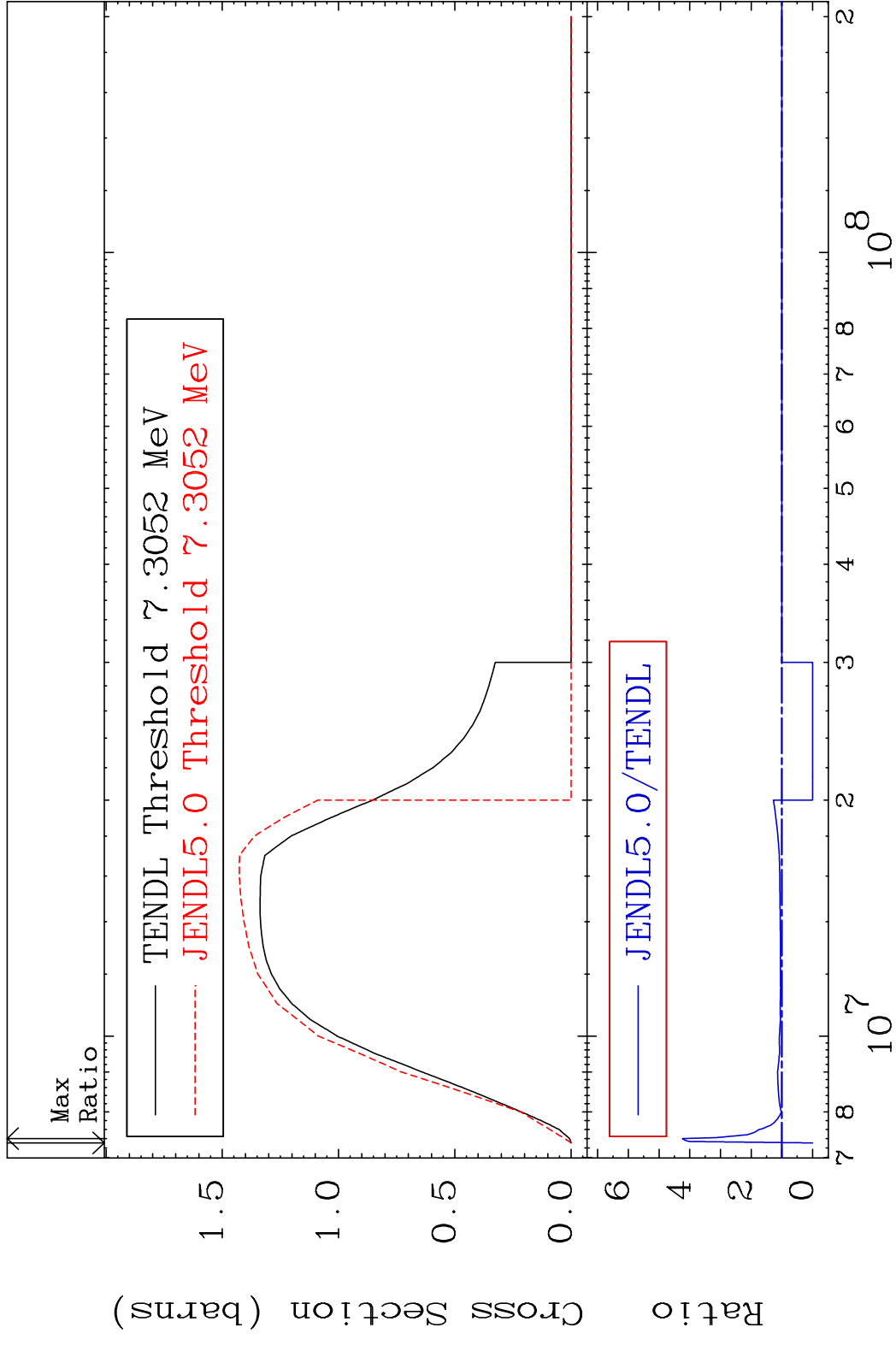


4

Incident Energy (eV)

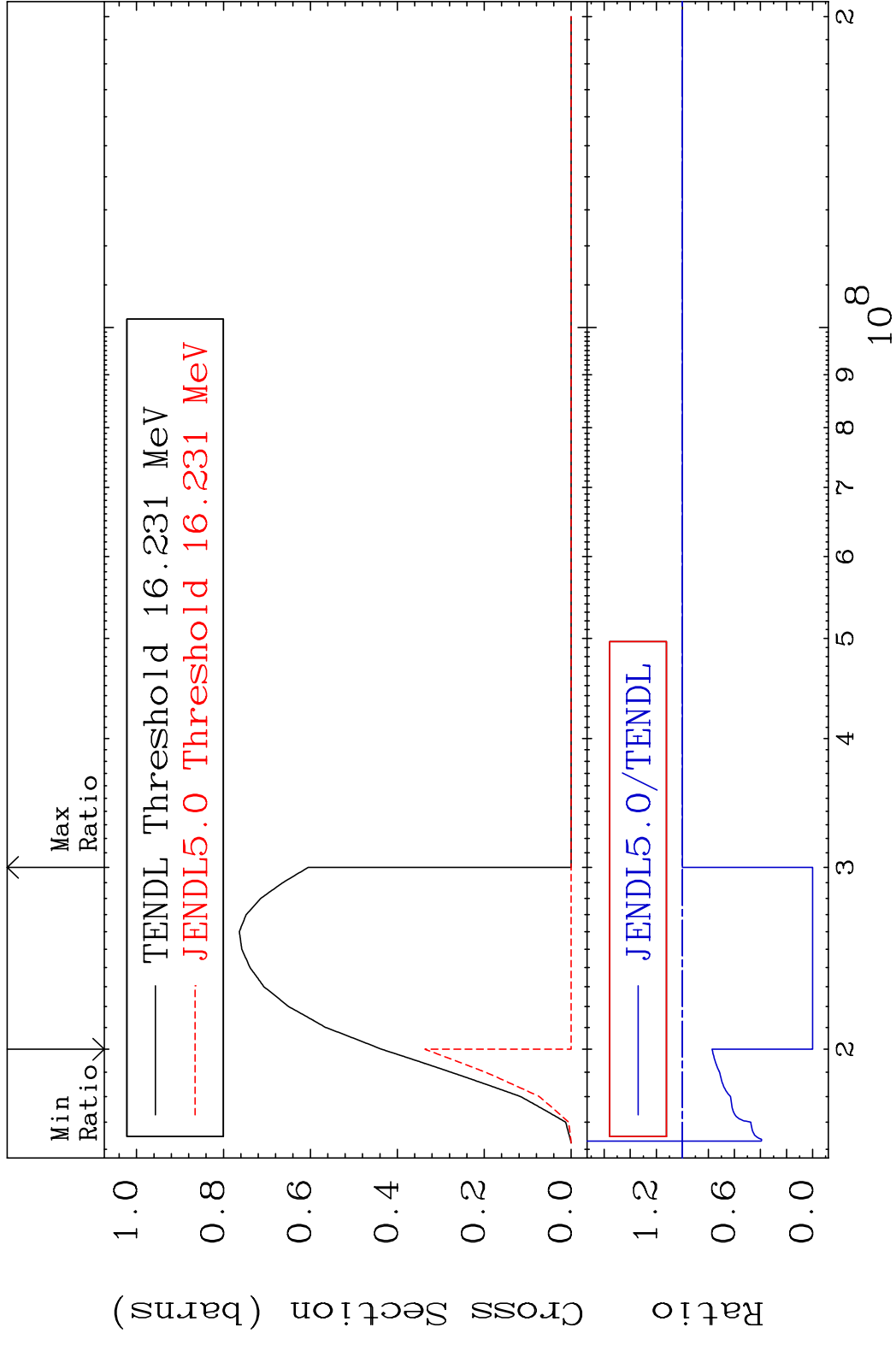
41-Nb-94

MAT 4128 (n,2n) 41-Nb-94
 Cross Section -100.0 To 324.1 %

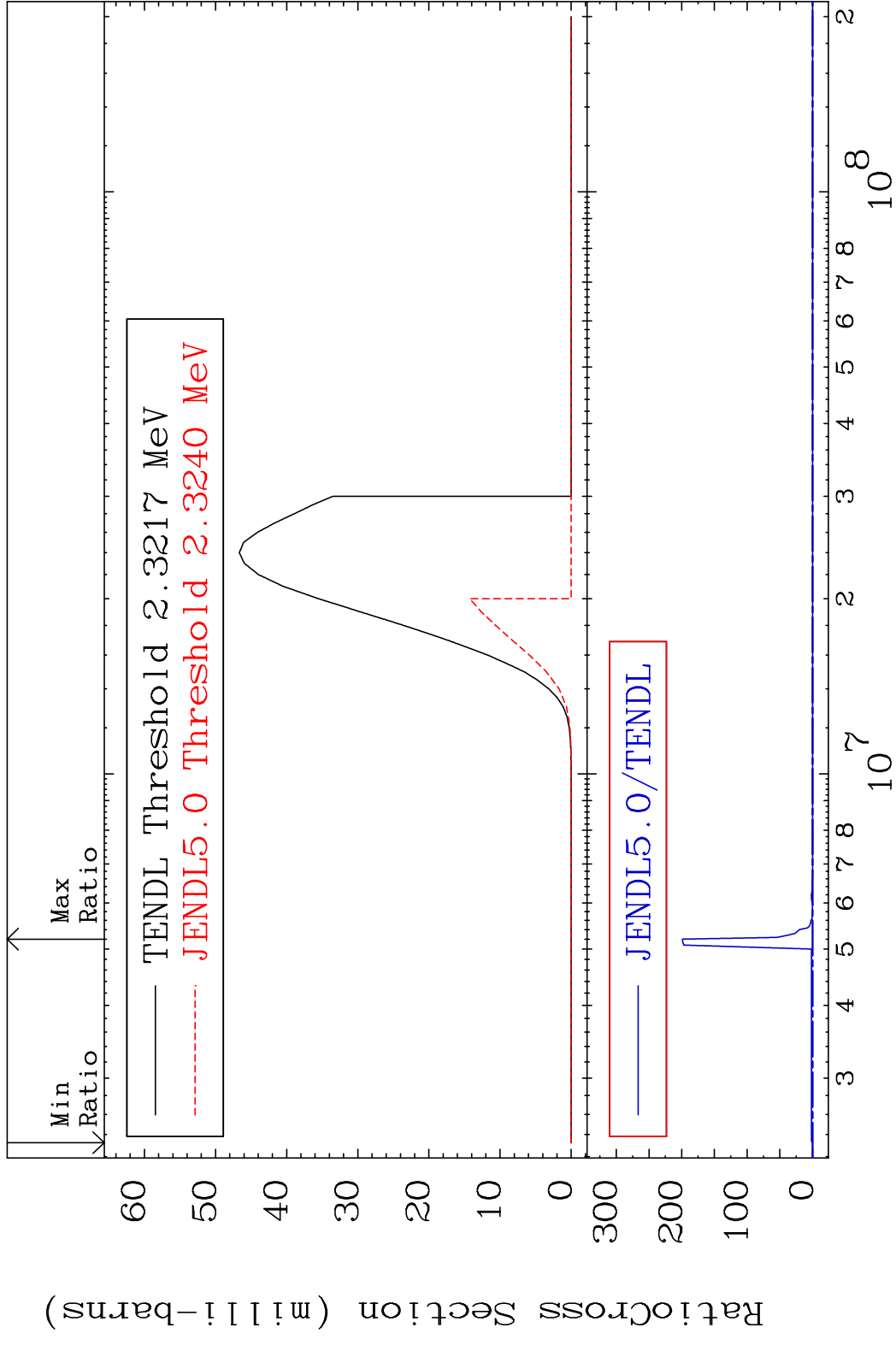


5 Incident Energy (eV) 41-Nb-94

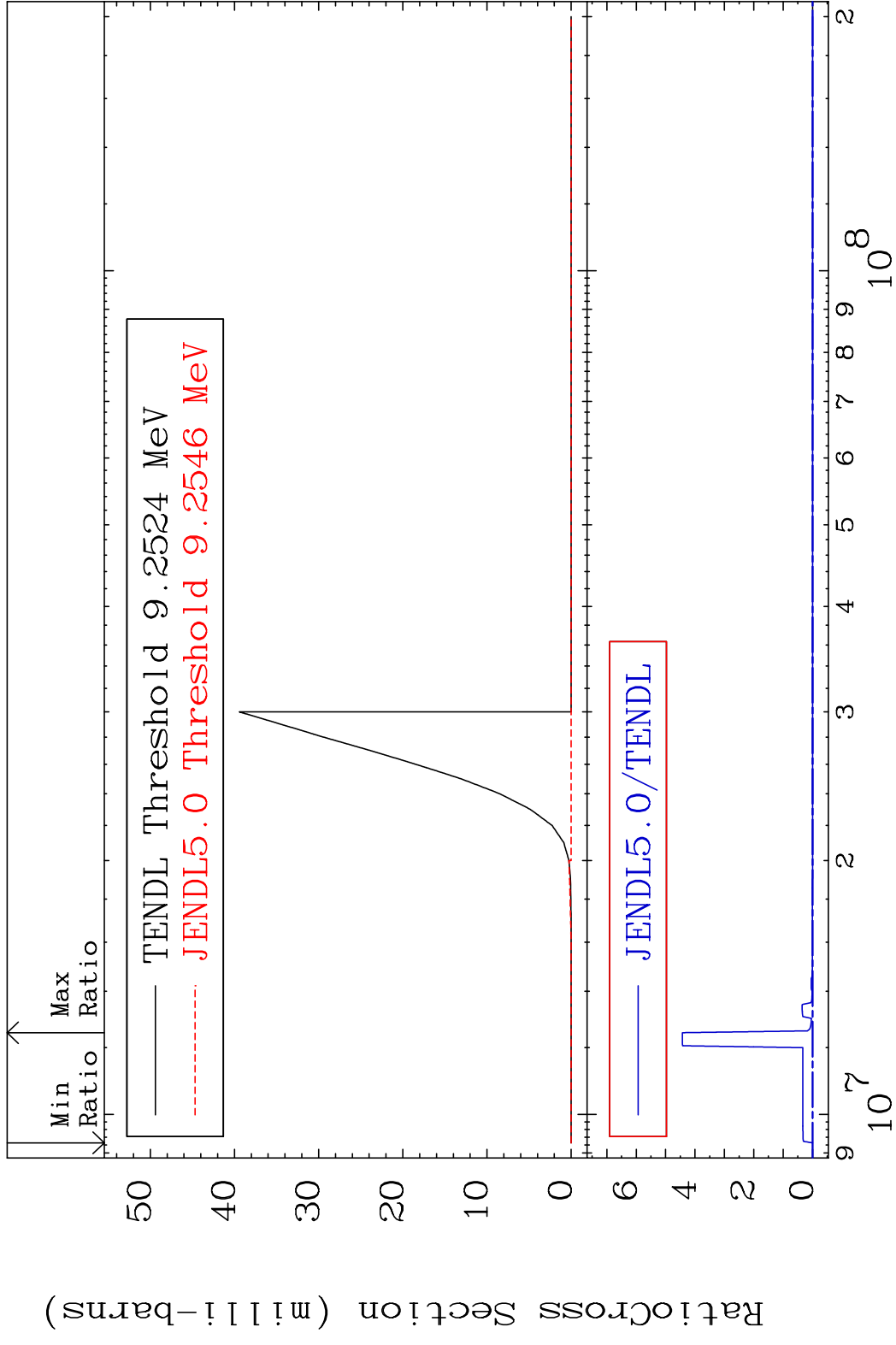
MAT 4128 (n,3n) 41-Nb-94
 Cross Section -100.0 To 0.000 %



MAT 4128 (n, n') α 41-Nb-94
 Cross Section -100.0 To 9999. %

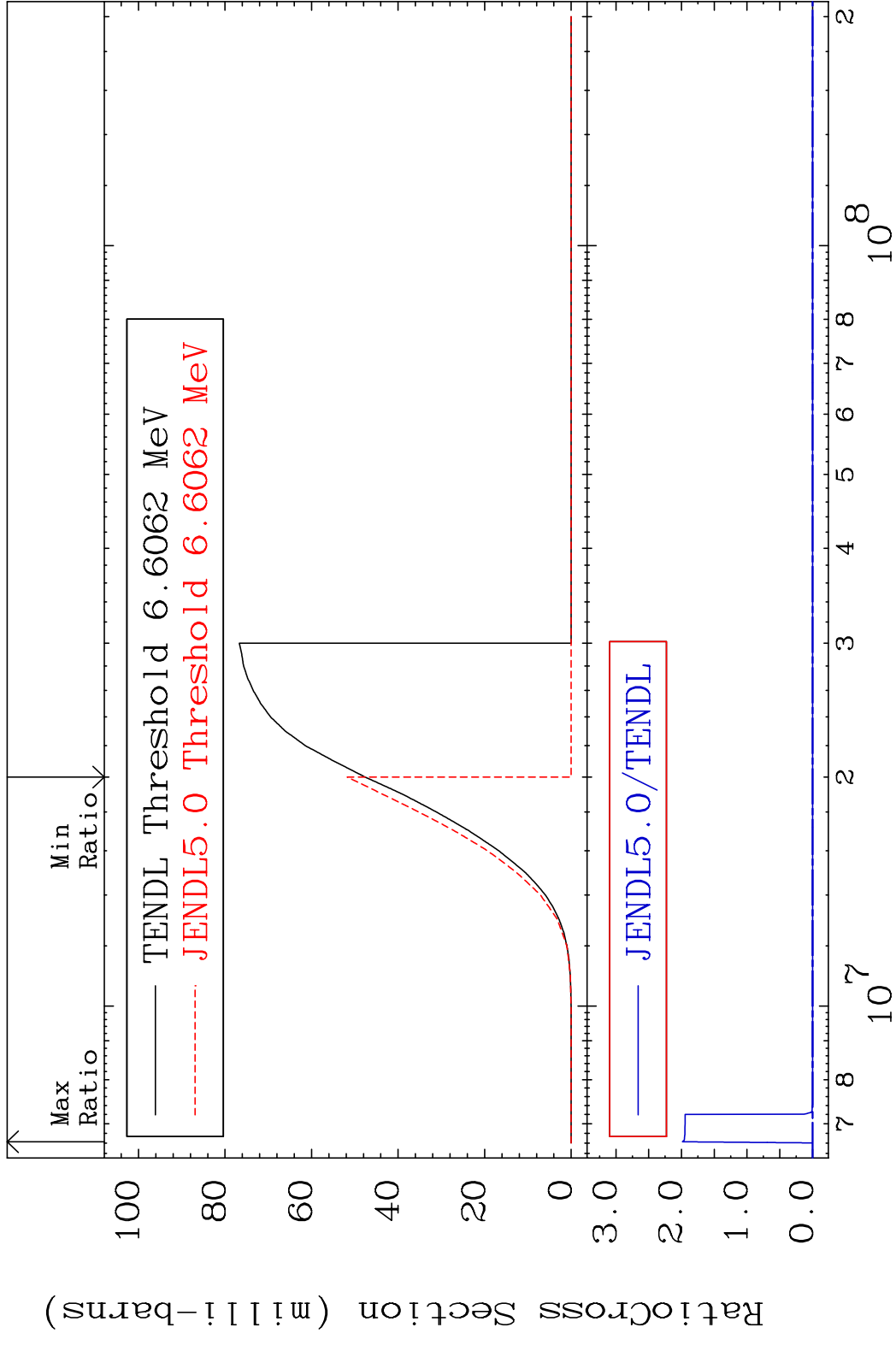


MAT 4128 (n,2n) α 41-Nb-94
 Cross Section -100.0 To 9999. %



8 9 10⁷ 2 3 4 5 6 7 8 9 10⁸ 2 41-Nb-94

MAT 4128 (n, n') p 41-Nb-94
 Cross Section -100.0 To 9999. %

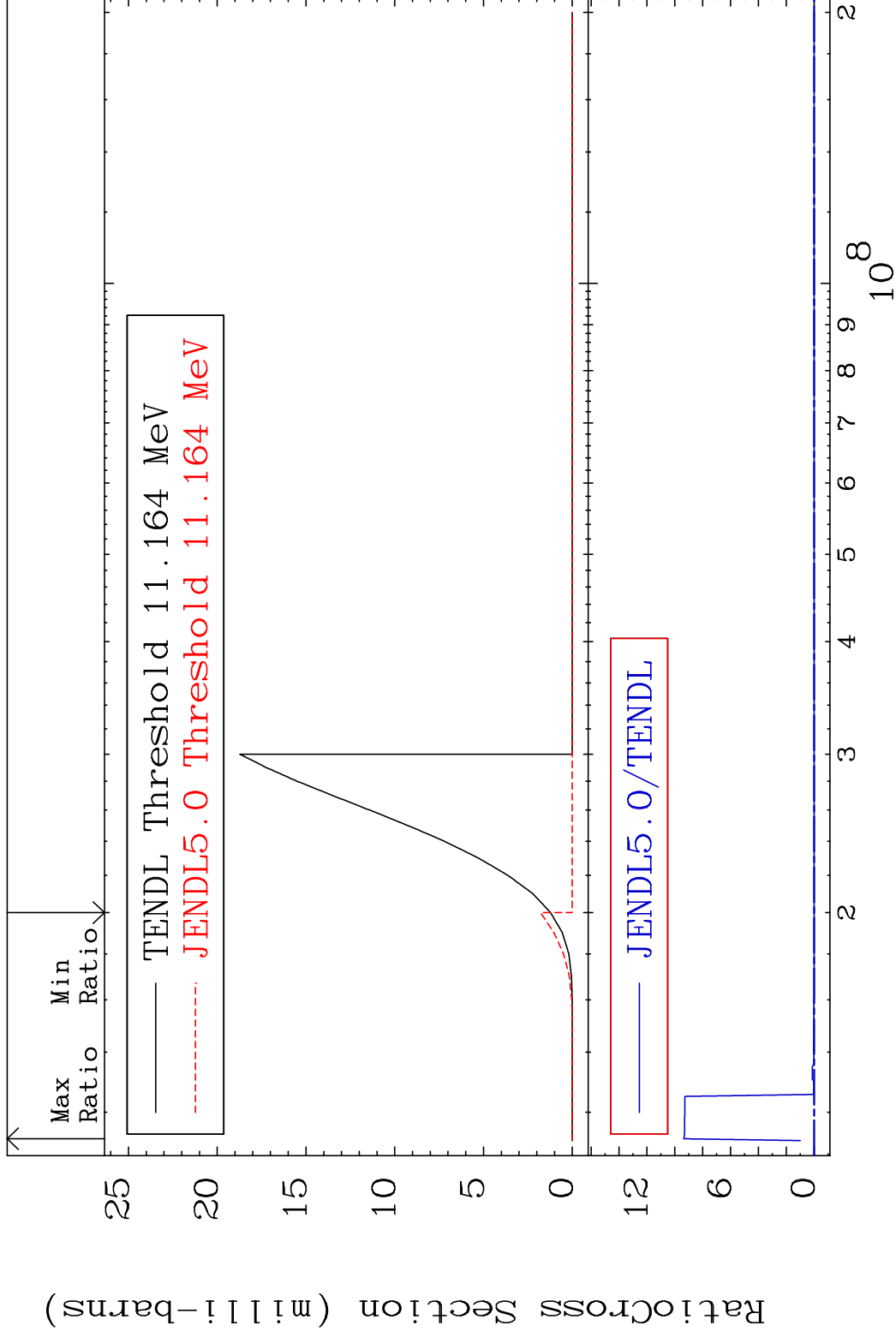


MAT 4128

(n, n') d

41-Nb-94

Cross Section -100.0 To 9999. %

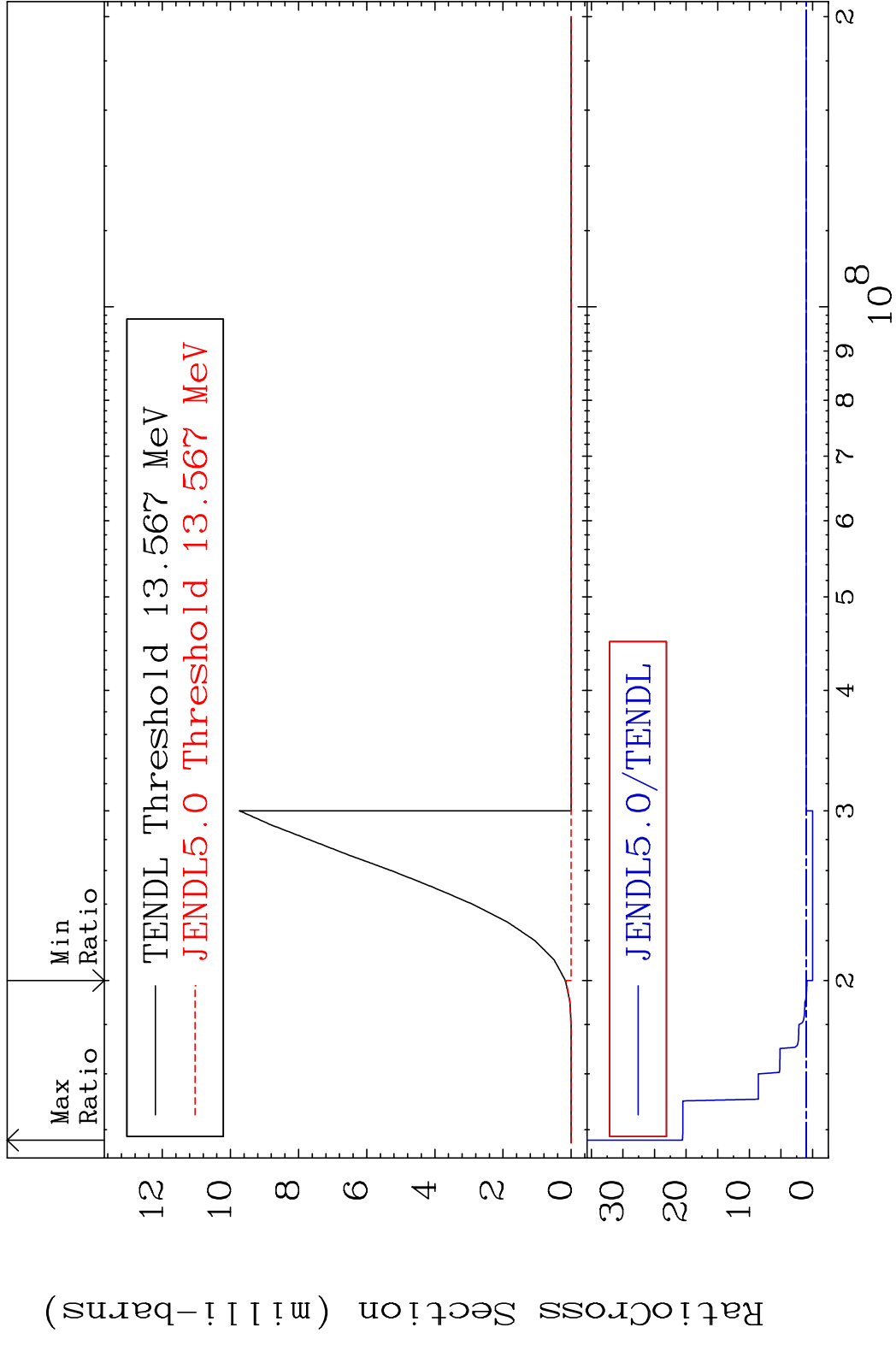


10

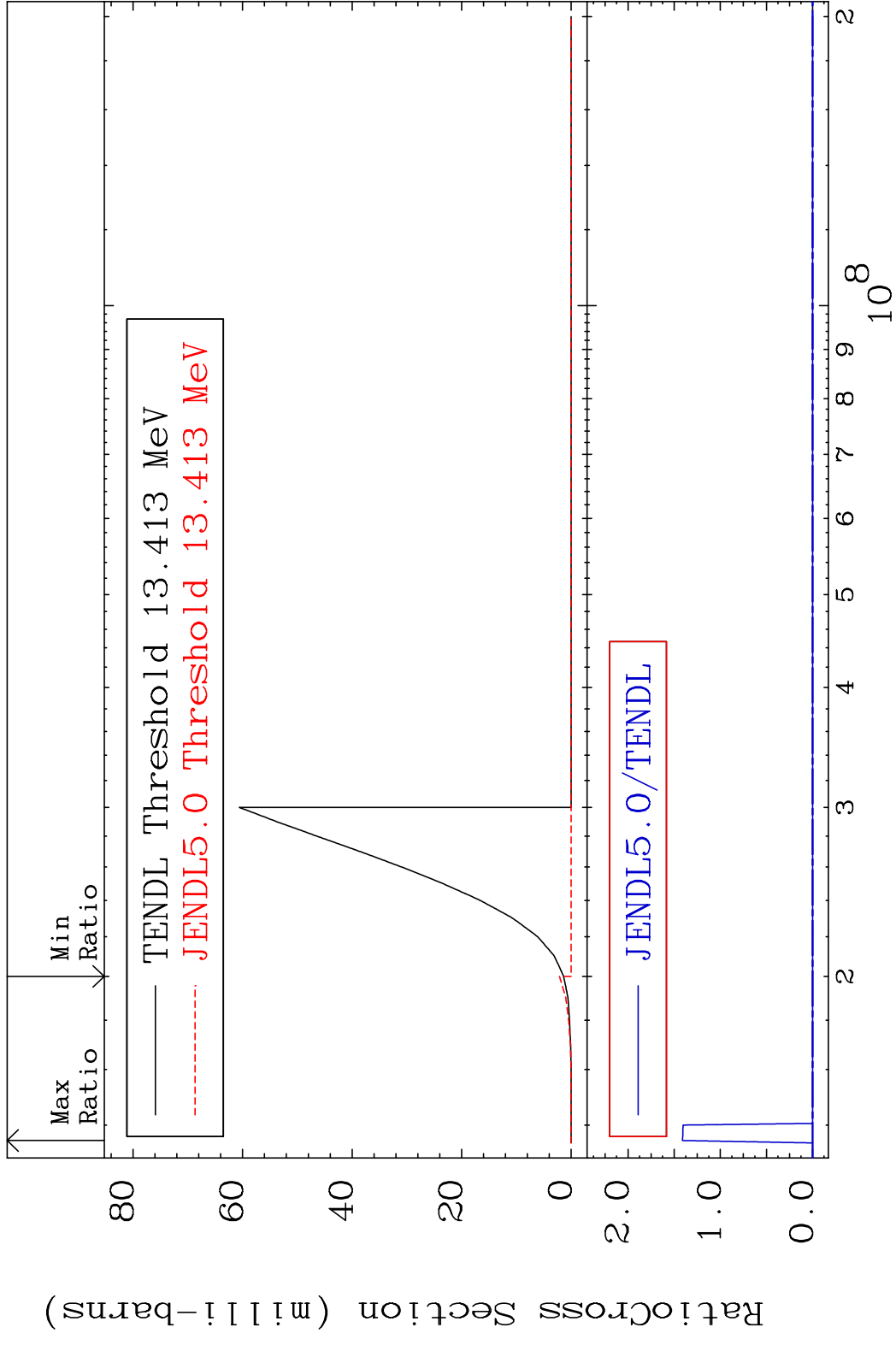
Incident Energy (eV)

41-Nb-94

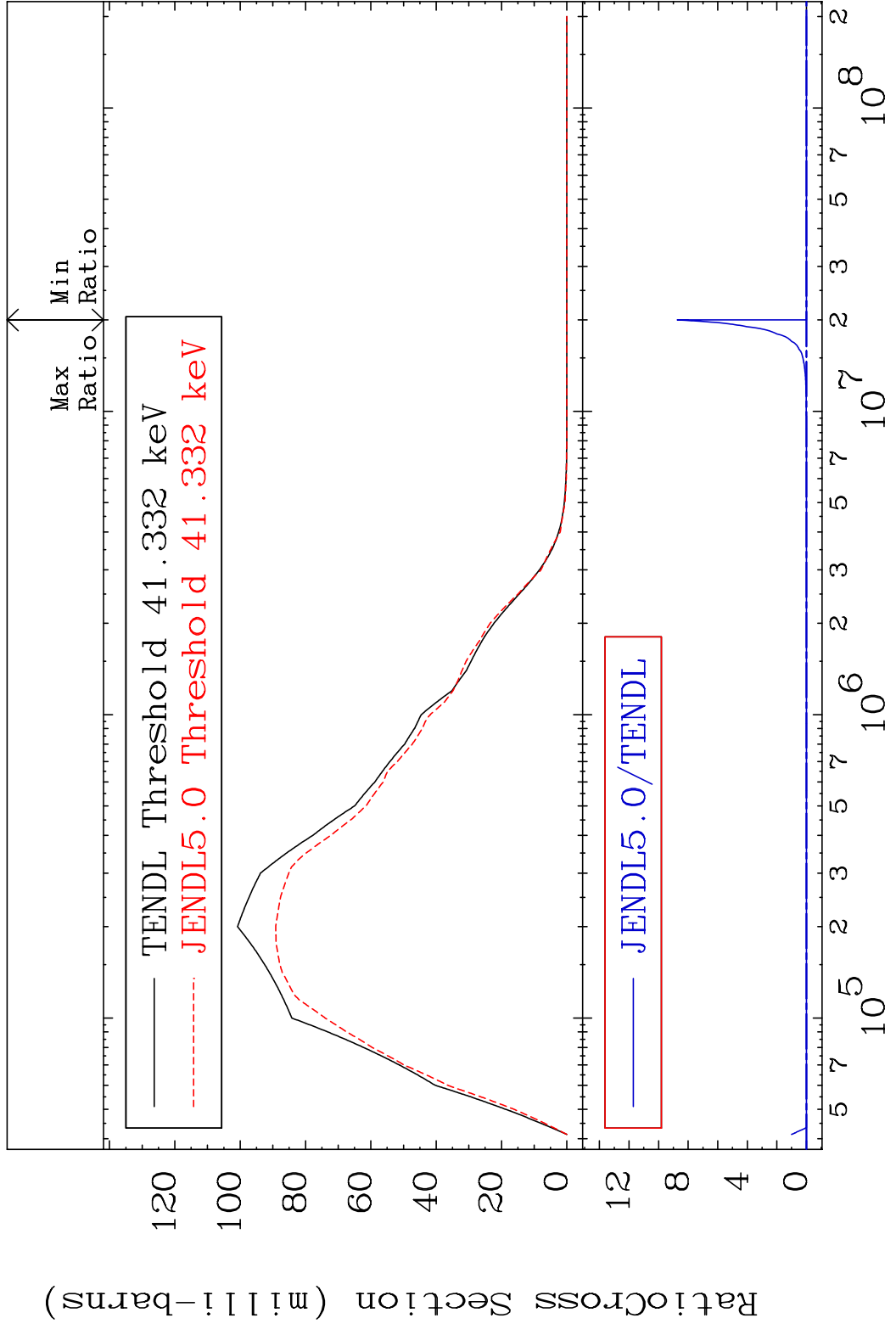
MAT 4128 (n, n') t 41-Nb-94
 Cross Section -100.0 To 1959. %



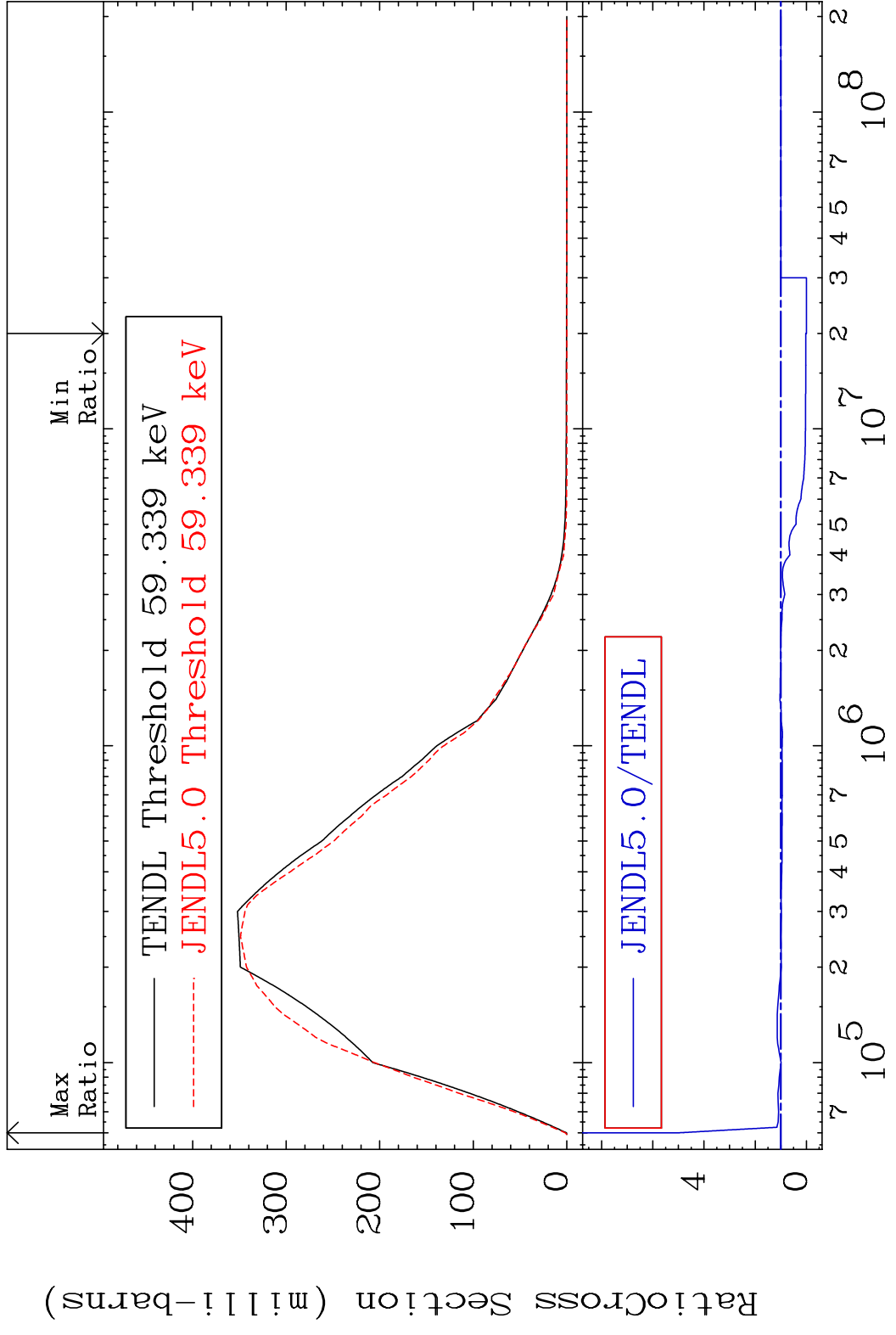
MAT 4128 (n,2n) p 41-Nb-94
 Cross Section -100.0 To 9999. %



MAT 4128 MT= 51 (n,n') Level 41-Nb-94
 Cross Section -100.0 To 9999. %



MAT 4128 MT= 52 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 404.8 %

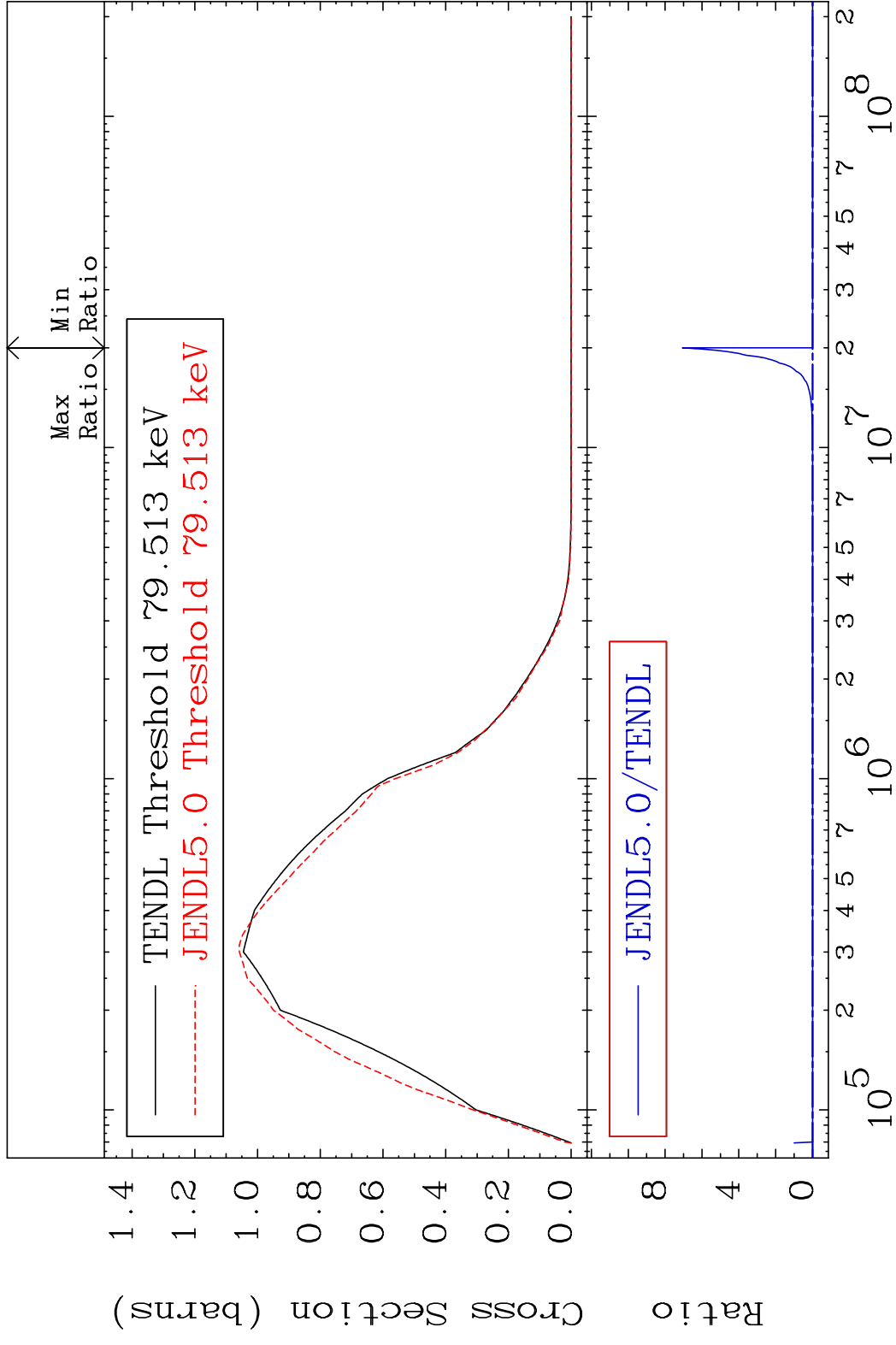


MAT 4128

MT= 53 (n, n') Level

41-Nb-94

Cross Section -100.0 To 9999. %

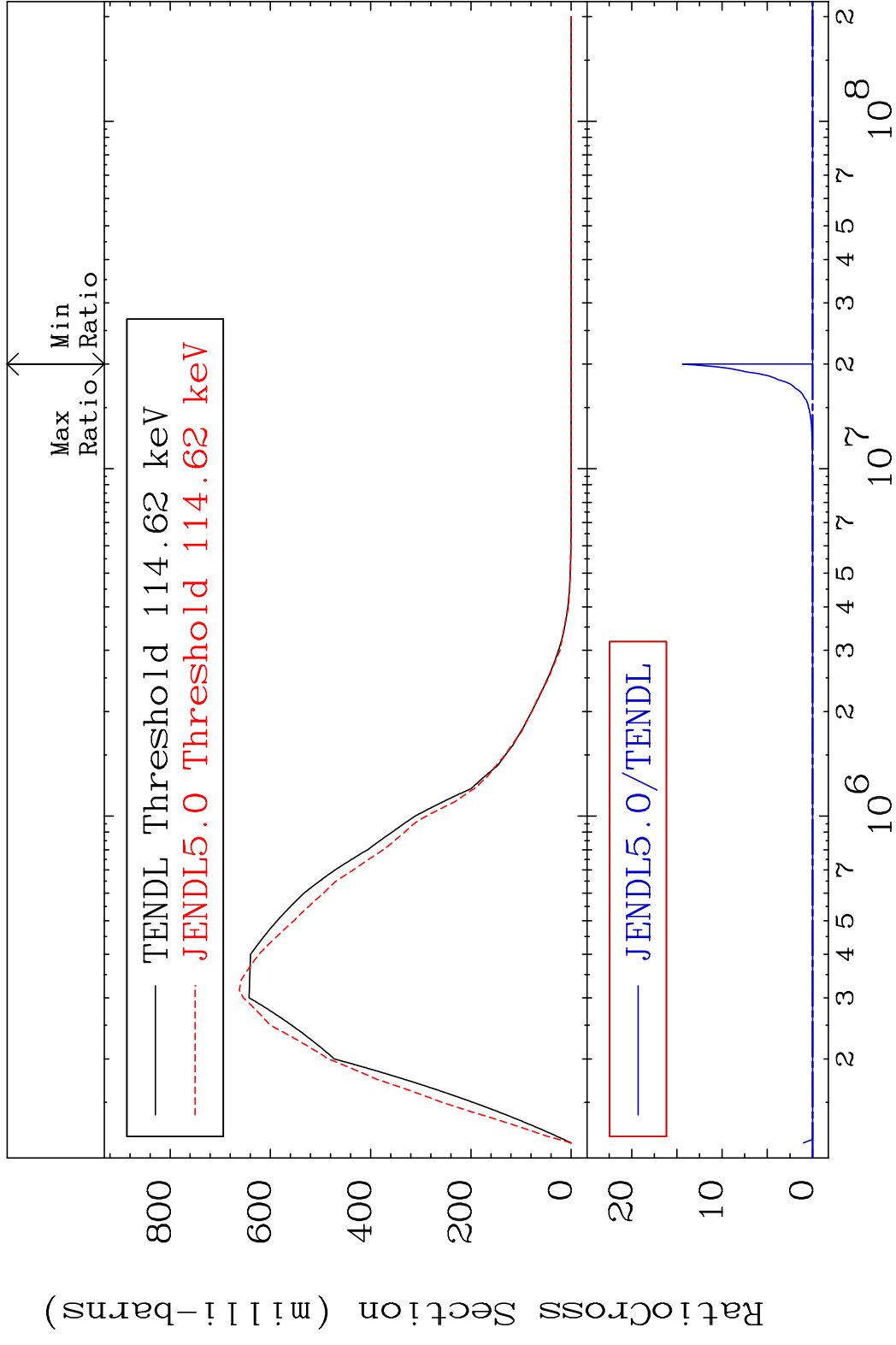


15

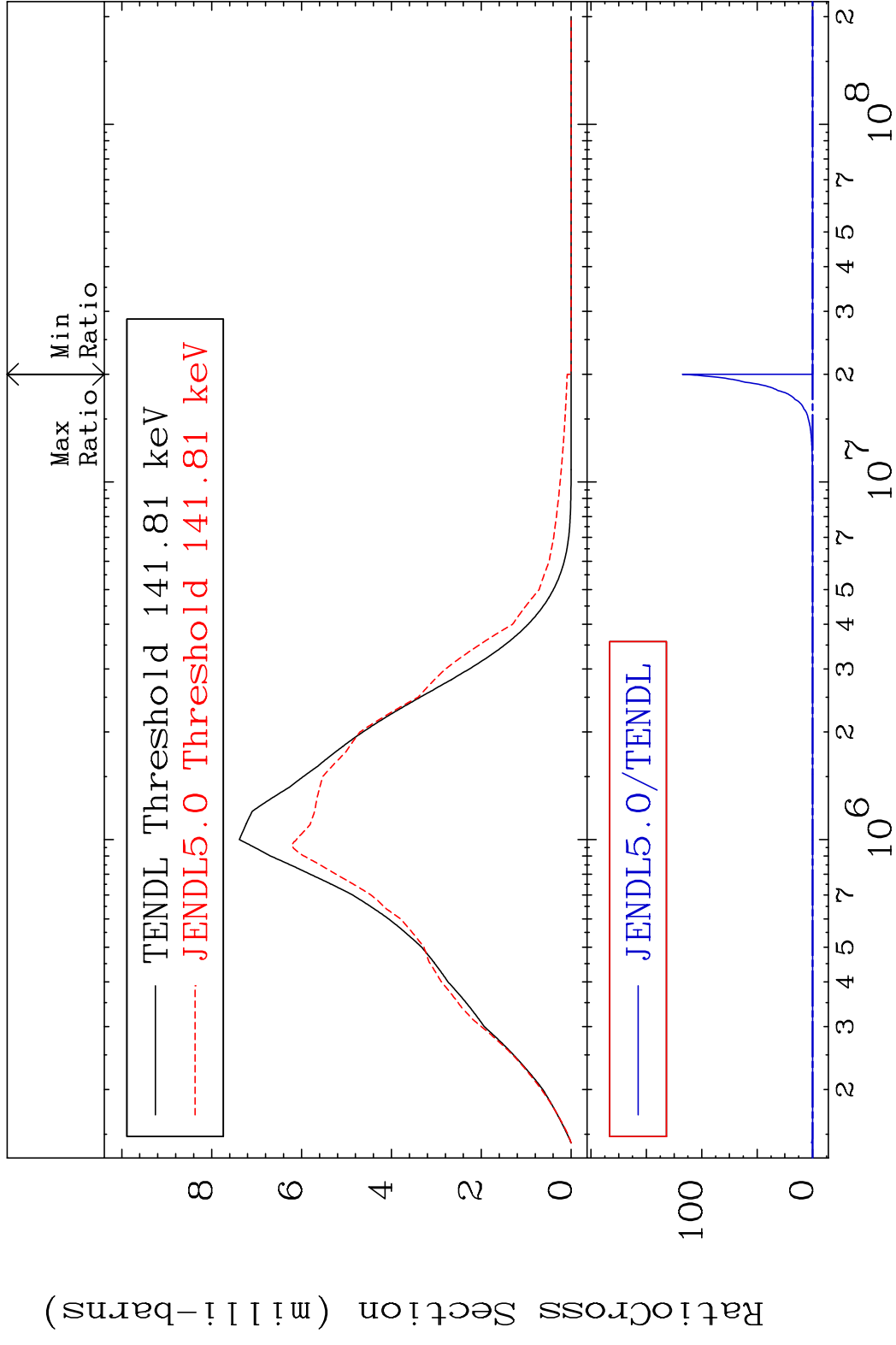
Incident Energy (eV)

41-Nb-94

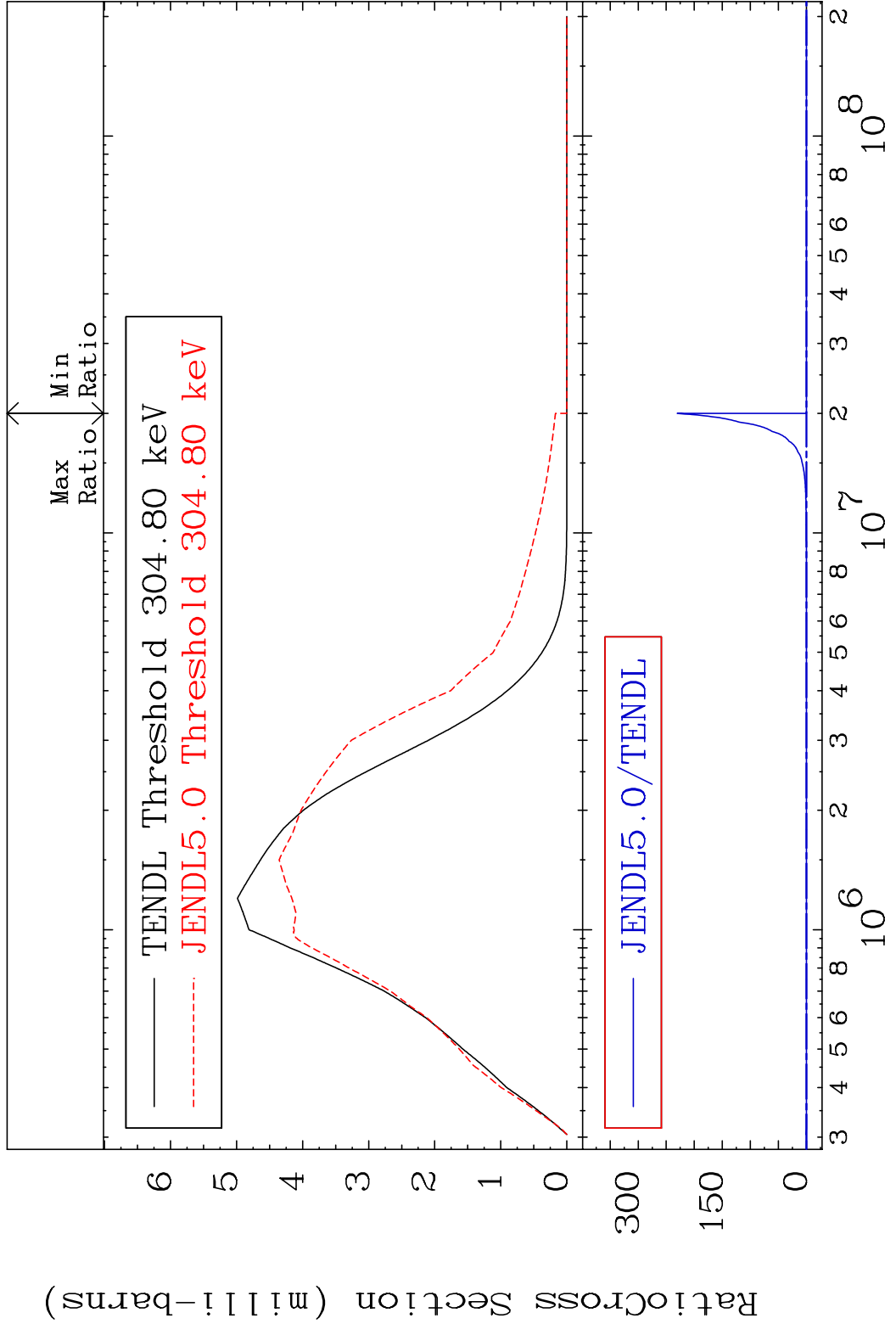
MAT 4128 MT= 54 (n,n') Level 41-Nb-94
 Cross Section -100.0 To 9999. %



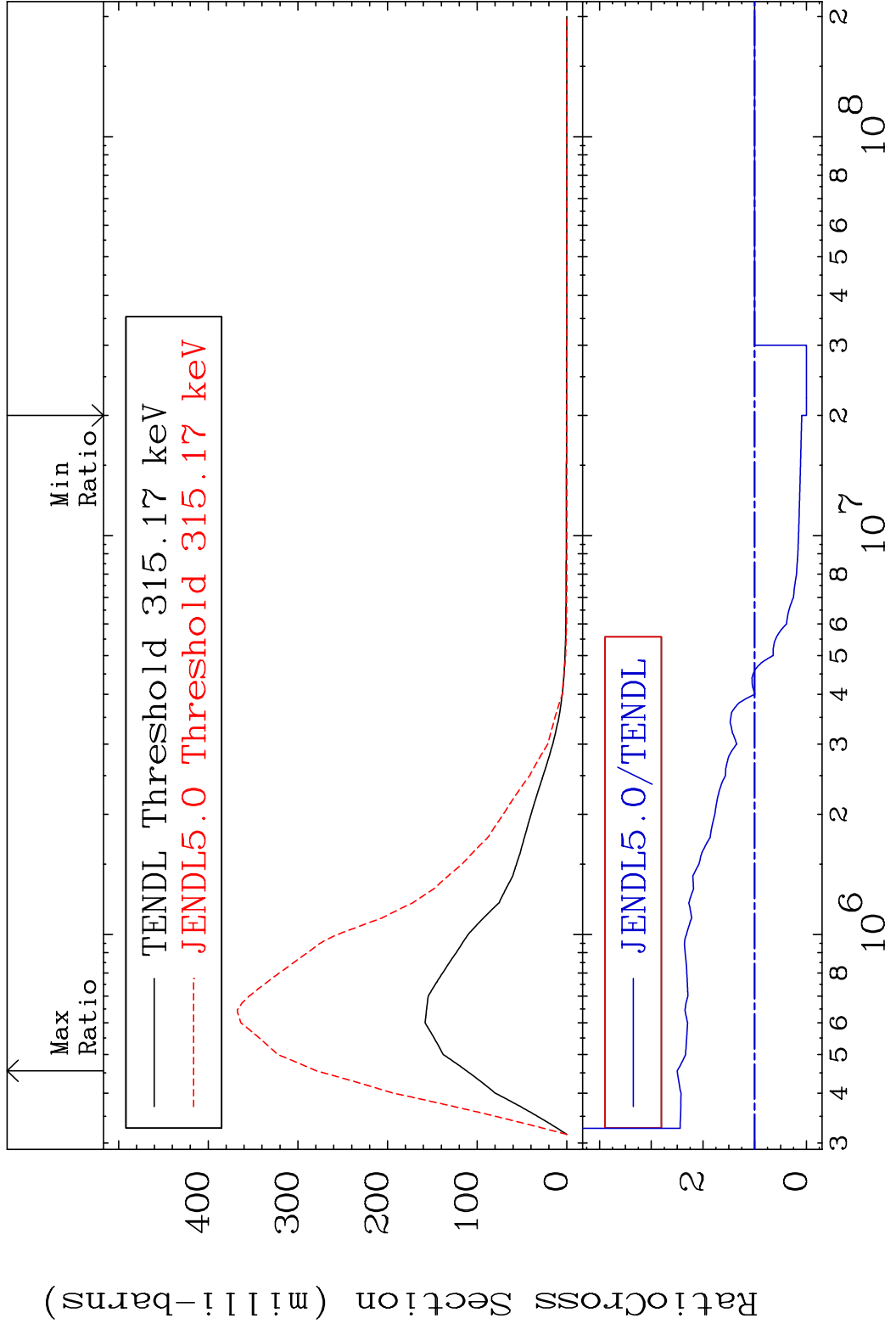
MAT 4128 MT= 55 (n,n') Level 41-Nb-94
 Cross Section -100.0 To 9999. %



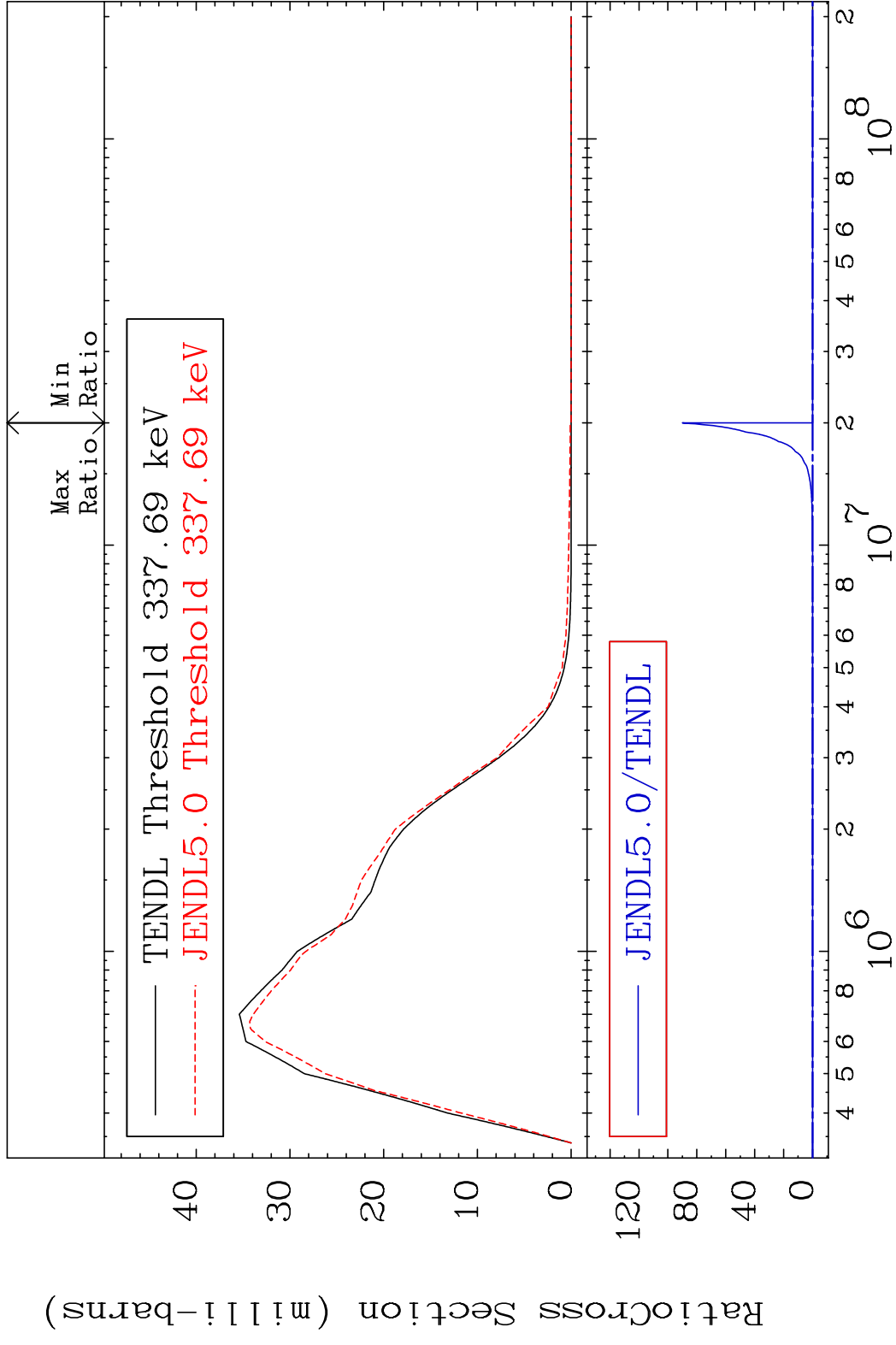
MAT 4128 MT= 56 (n,n') Level 41-Nb-94
 Cross Section -100.0 To 9999. %



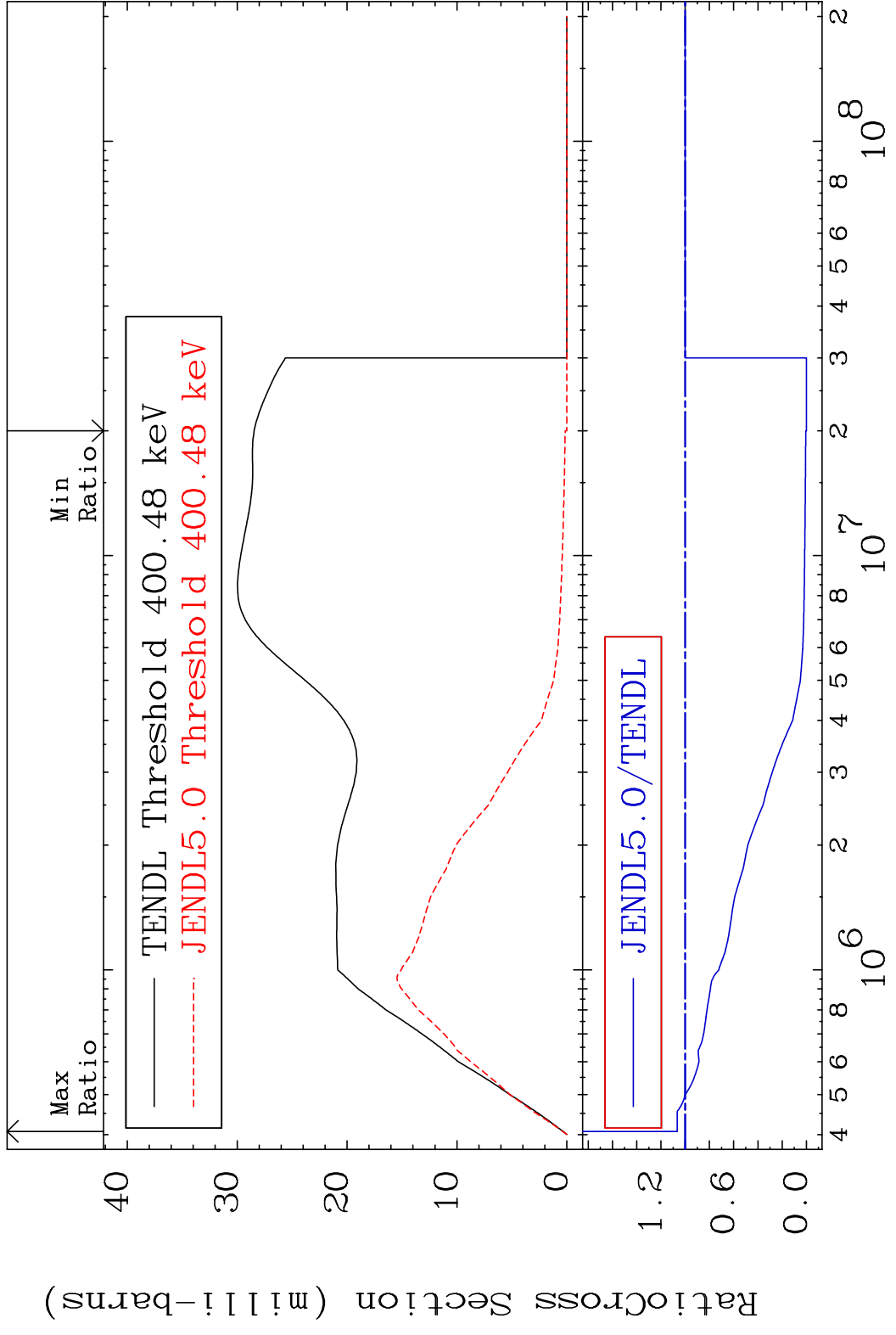
MAT 4128 MT= 57 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 149.9 %



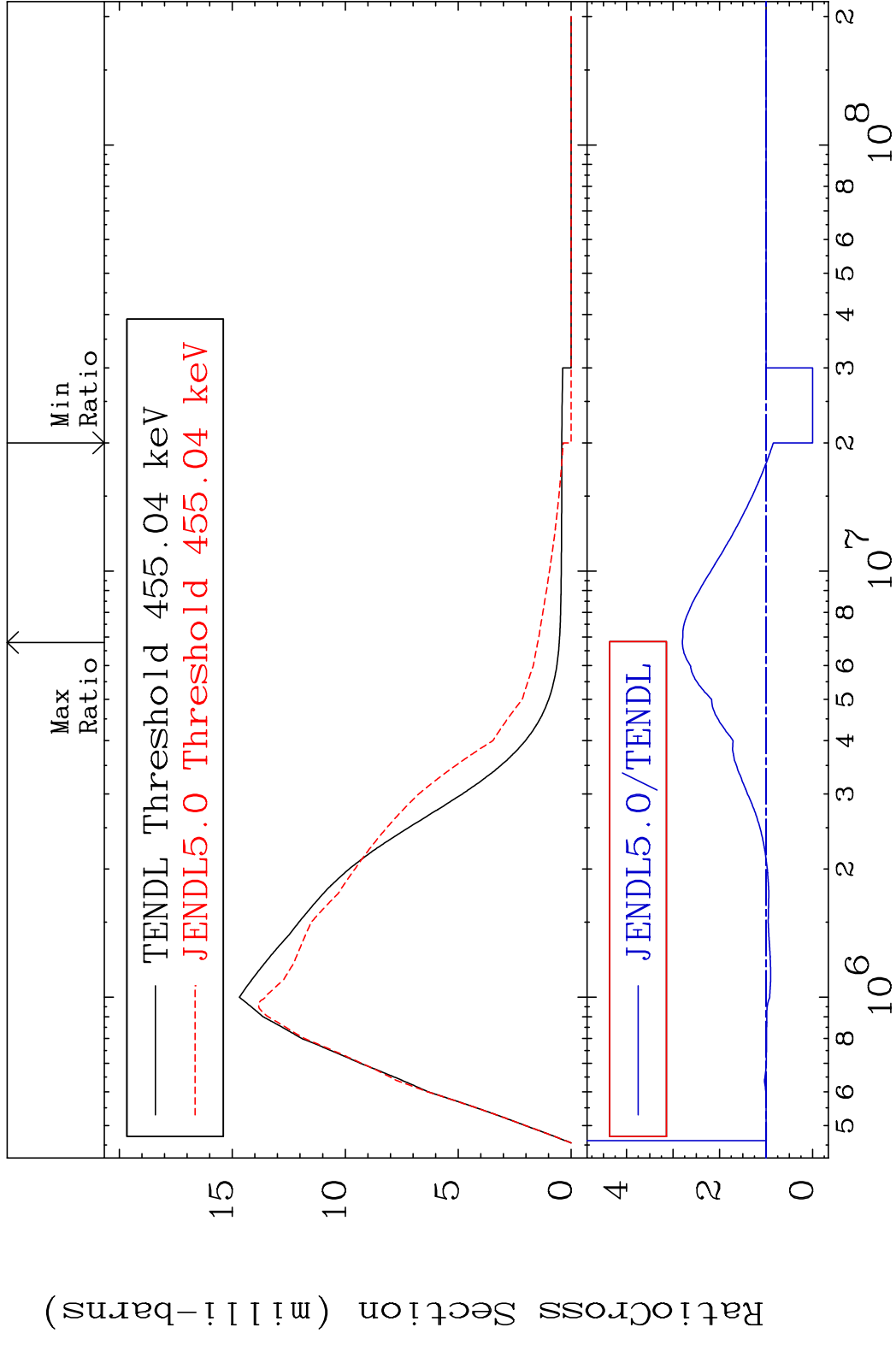
MAT 4128 MT= 58 (n,n') Level 41-Nb-94
 Cross Section -100.0 To 9999. %



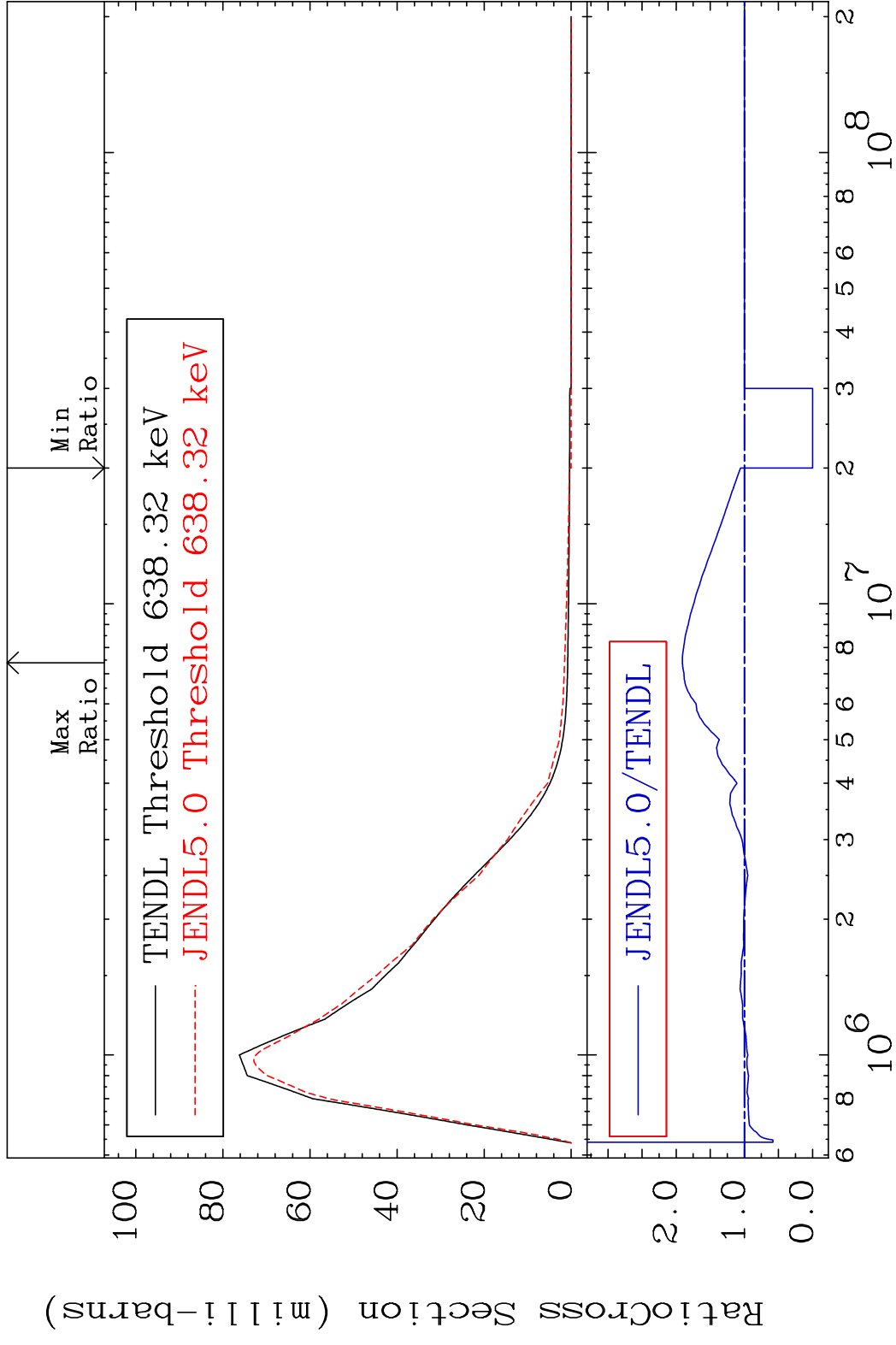
MAT 4128 MT= 59 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 6.607 %



MAT 4128 MT= 60 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 180.1 %

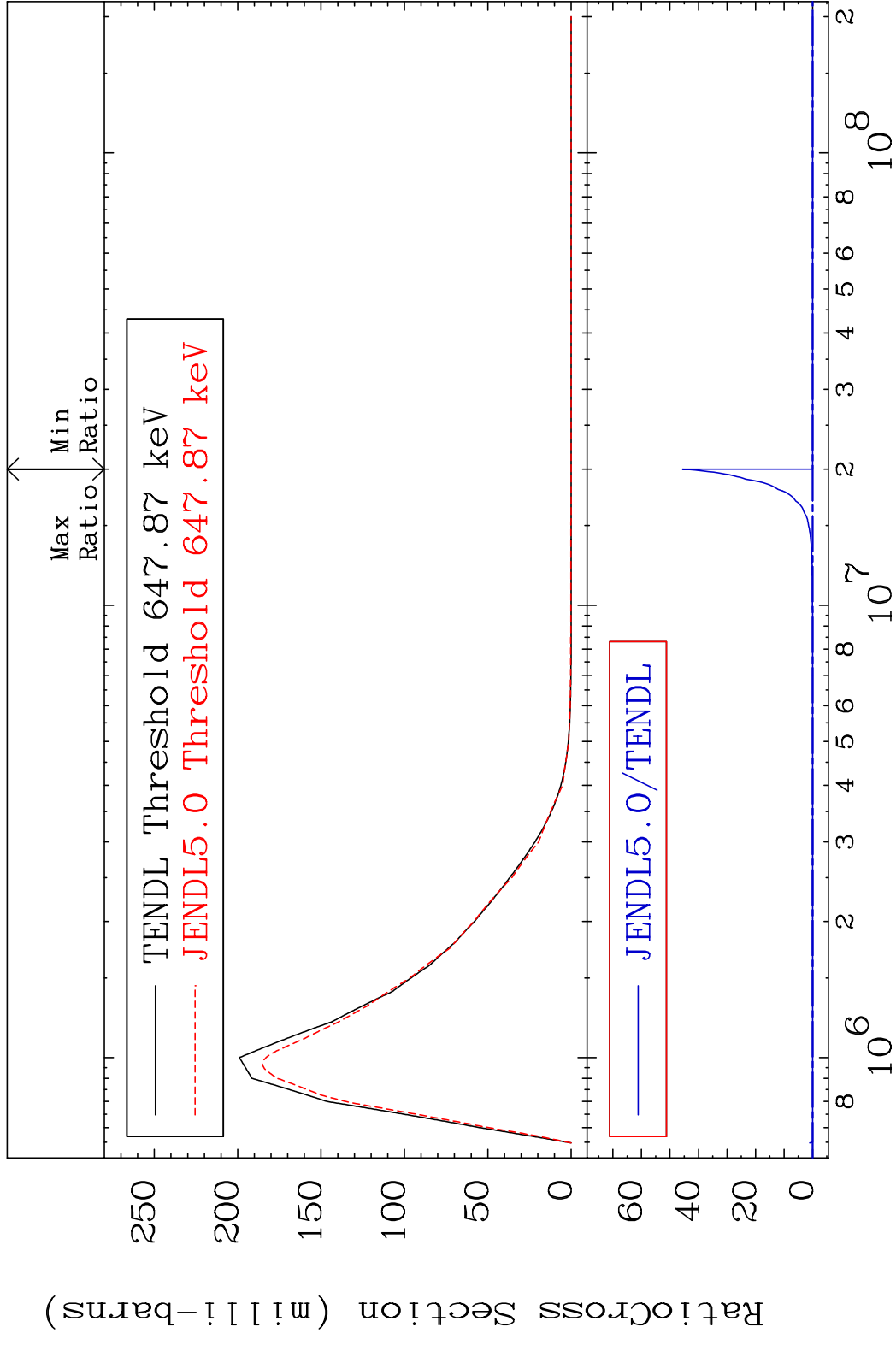


MAT 4128 MT= 61 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 90.92 %

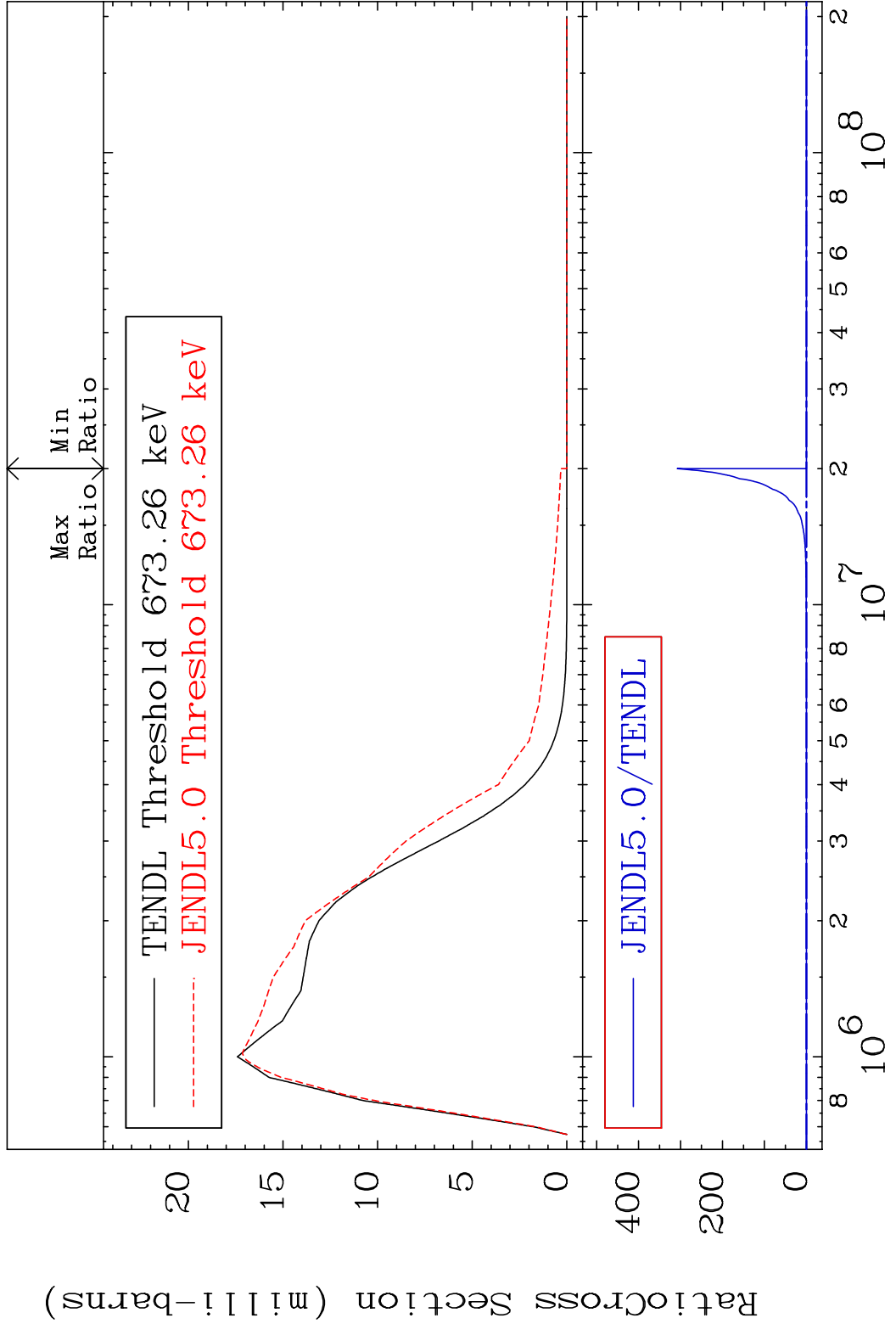


23 Incident Energy (eV) 41-Nb-94

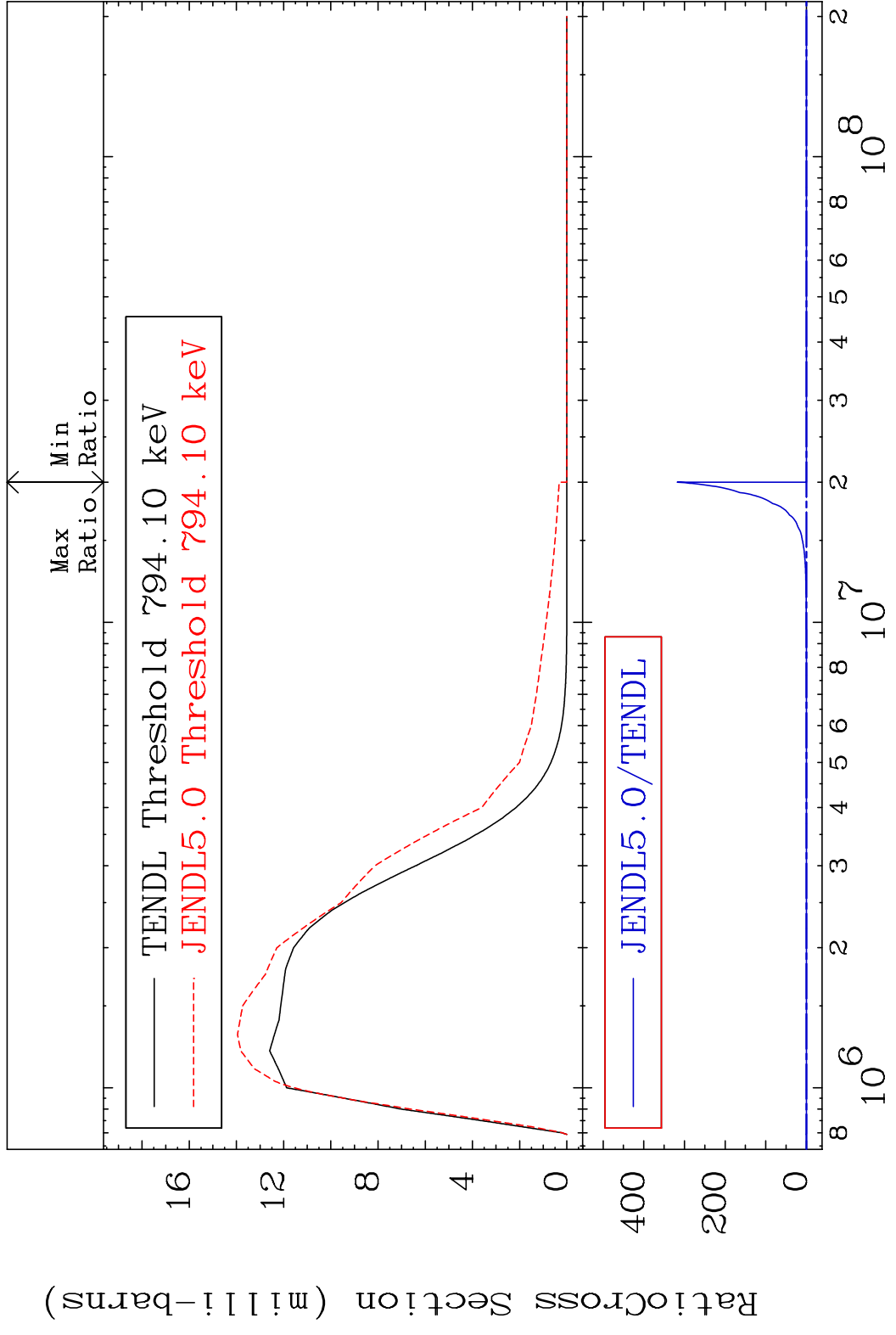
MAT 4128 MT= 62 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 9999. %



MAT 4128 MT= 63 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 9999. %

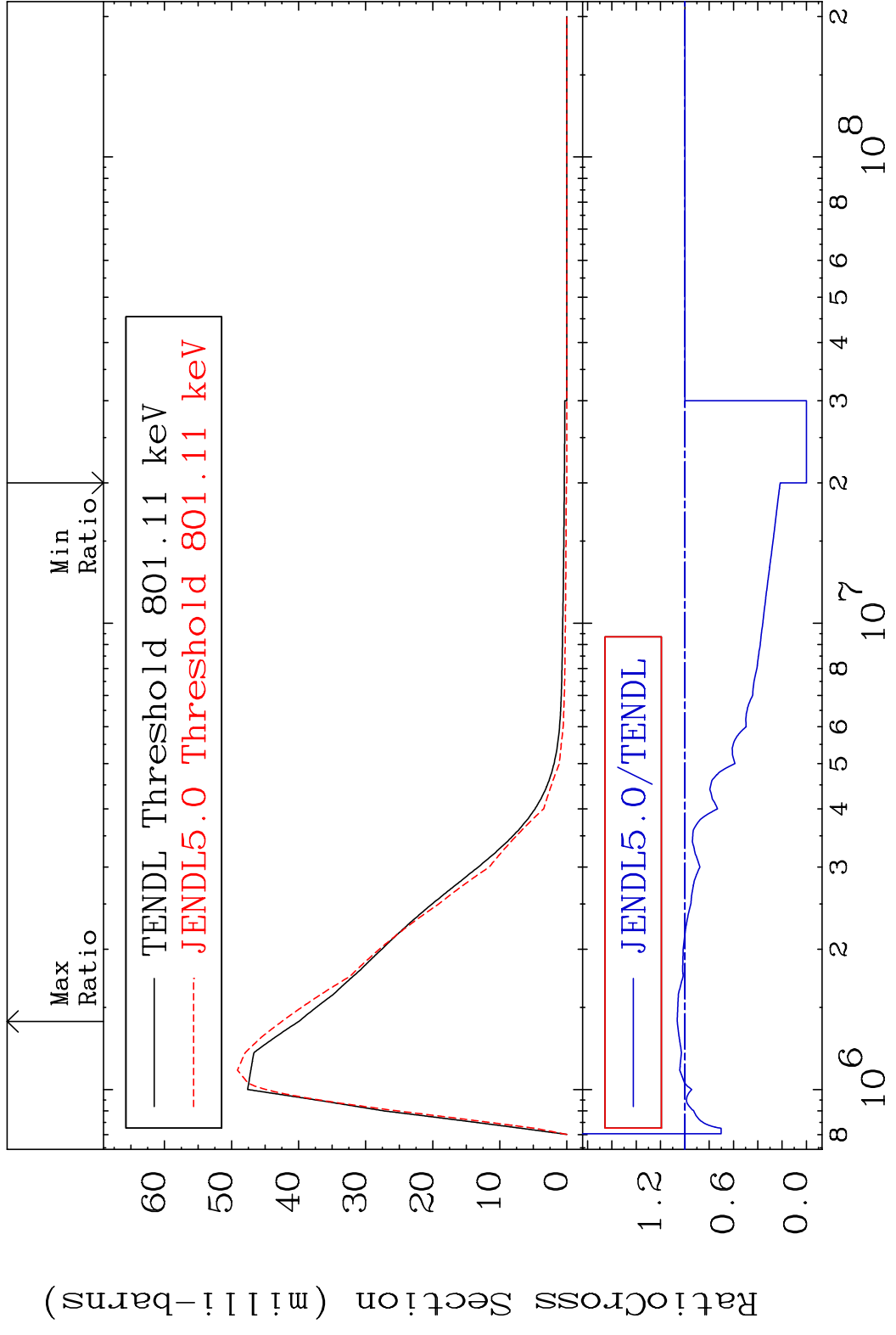


MAT 4128 MT= 64 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 9999. %

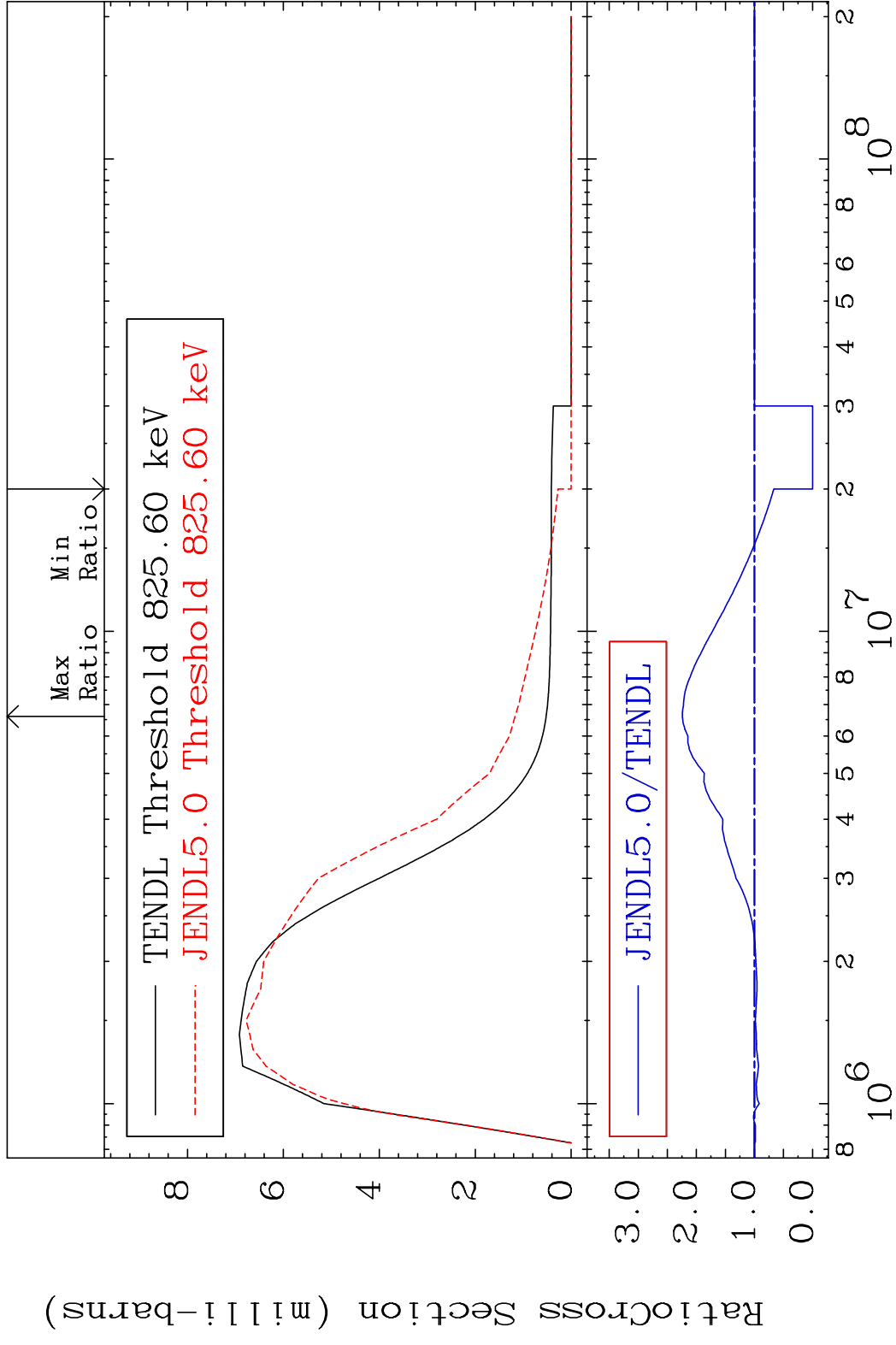


26 Incident Energy (eV) 41-Nb-94

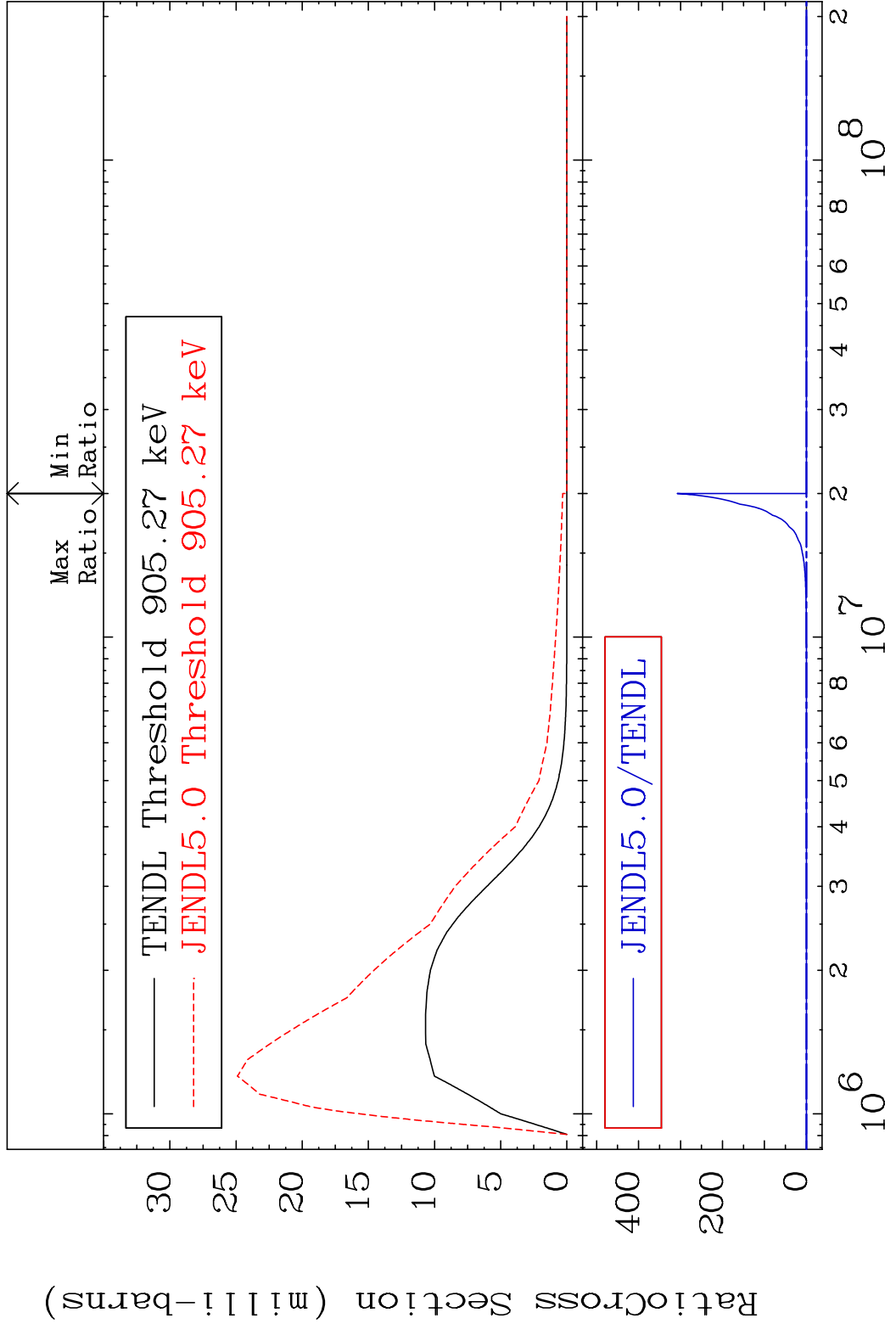
MAT 4128 MT= 65 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 6.303 %



MAT 4128 MT= 66 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 124.1 %

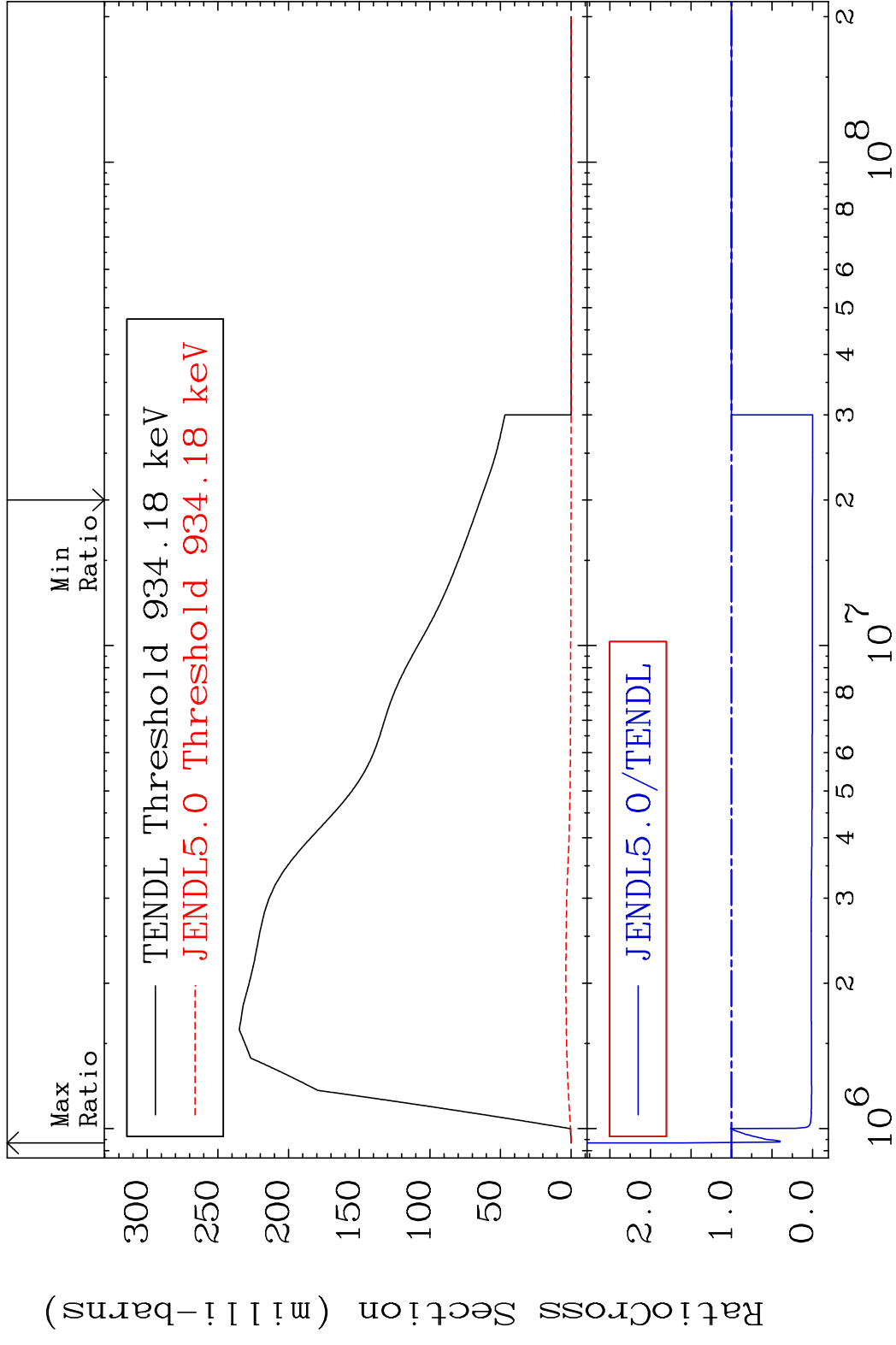


MAT 4128 MT= 67 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 9999. %



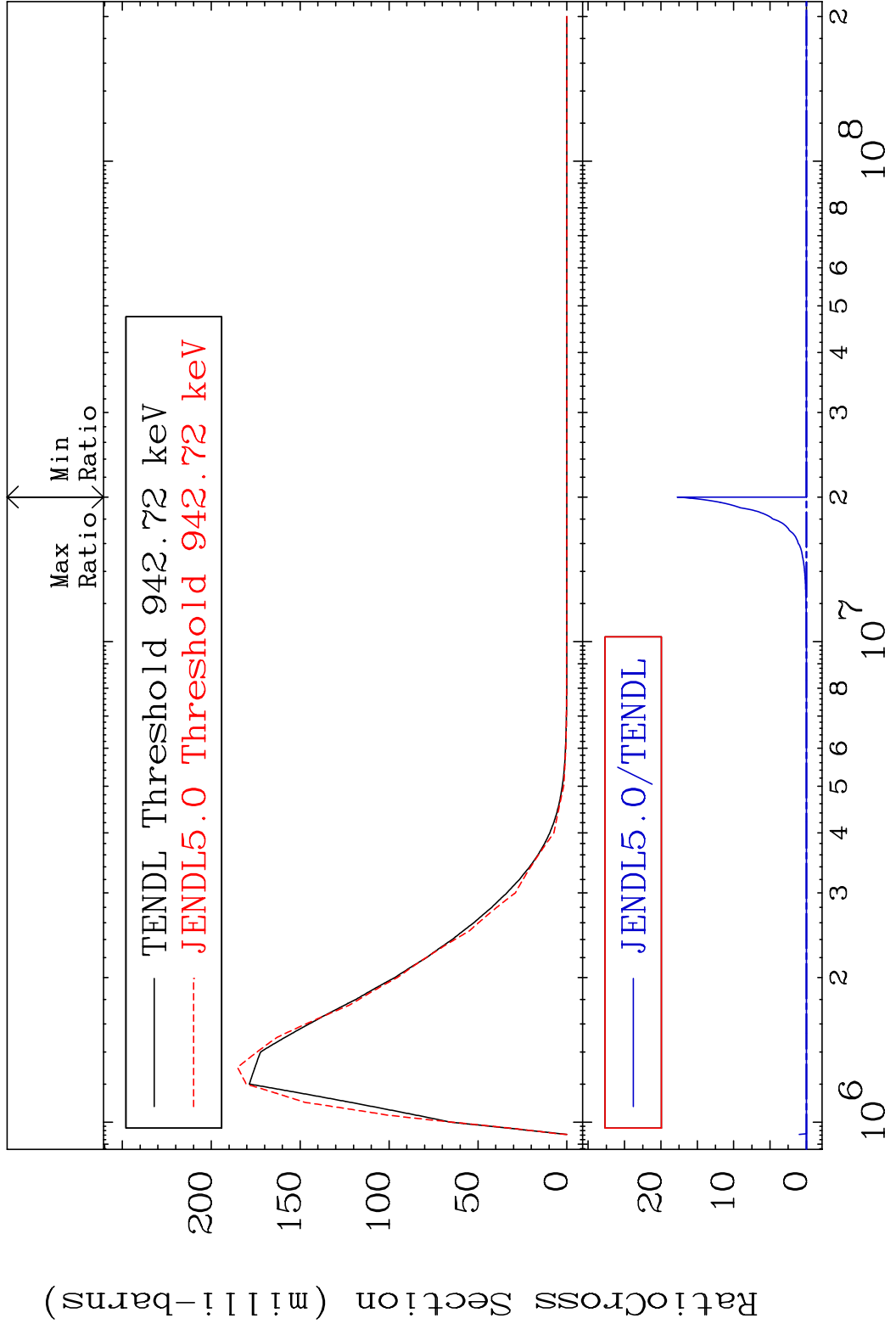
29 Incident Energy (eV) 41-Nb-94

MAT 4128 MT= 68 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 60.64 %



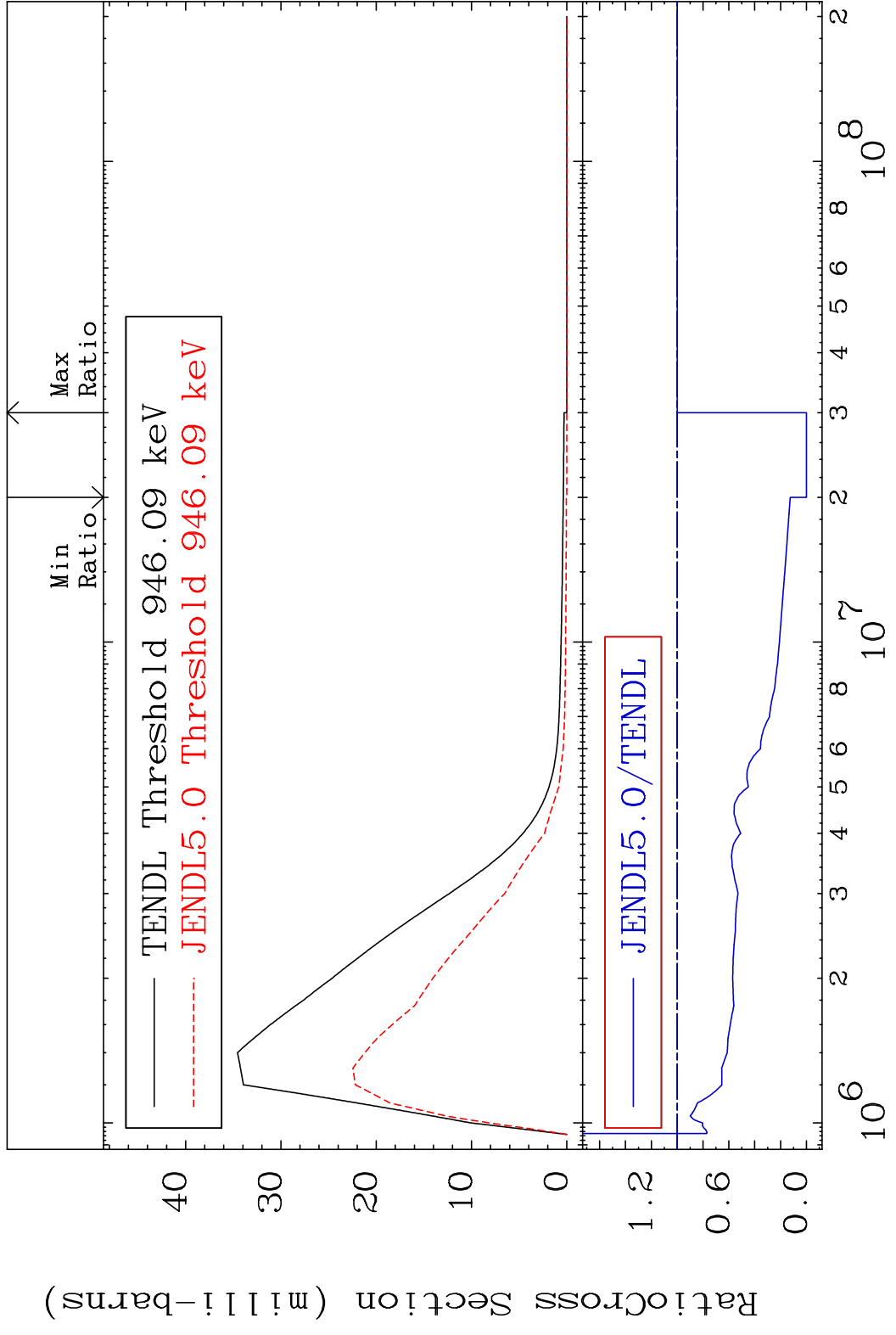
30 Incident Energy (eV) 41-Nb-94

MAT 4128 MT= 69 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 9999. %

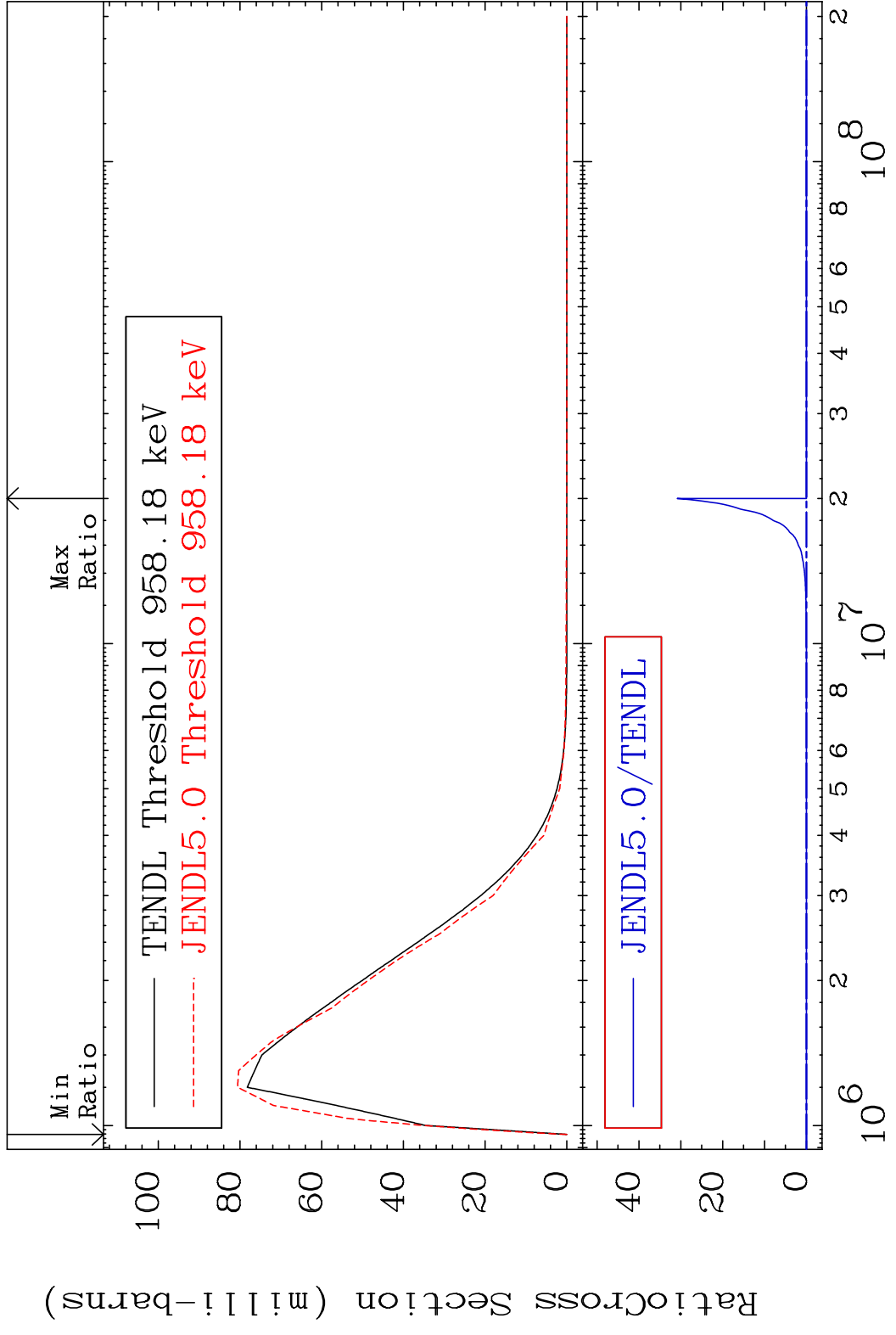


31 Incident Energy (eV) 41-Nb-94

MAT 4128 MT= 70 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 0.000 %

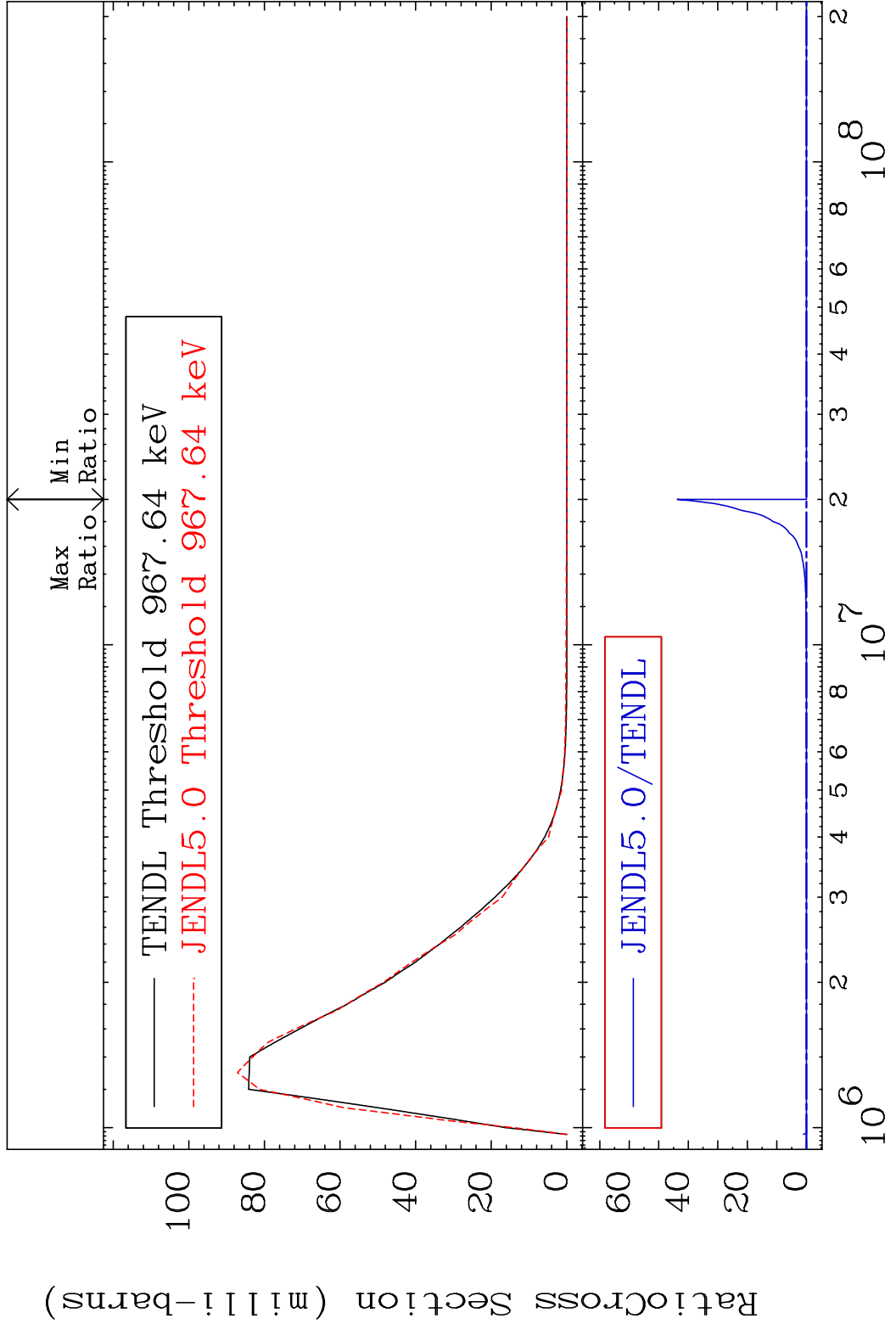


MAT 4128 MT= 71 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 9999. %



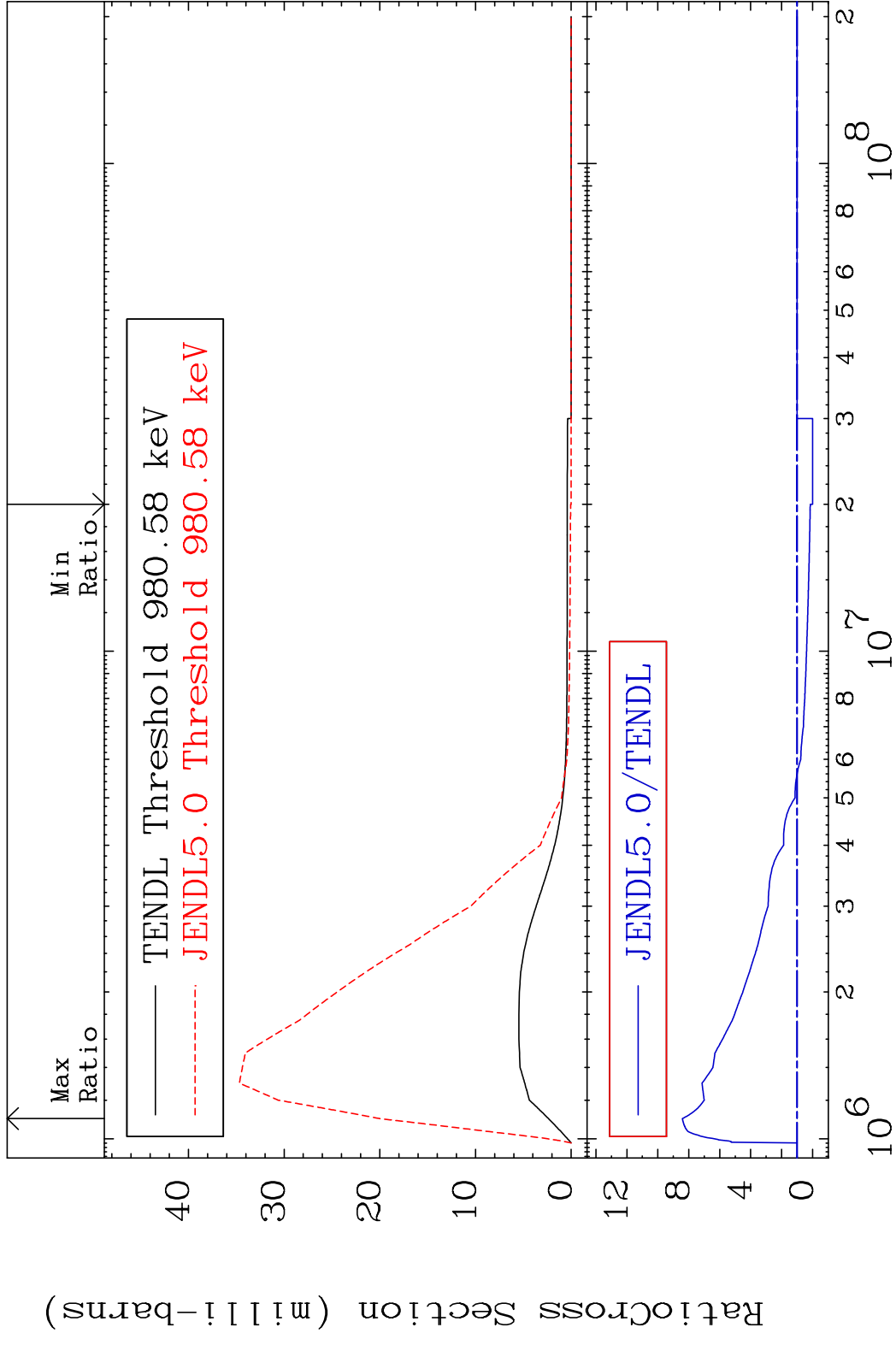
33 Incident Energy (eV) 41-Nb-94

MAT 4128 MT= 72 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 9999. %



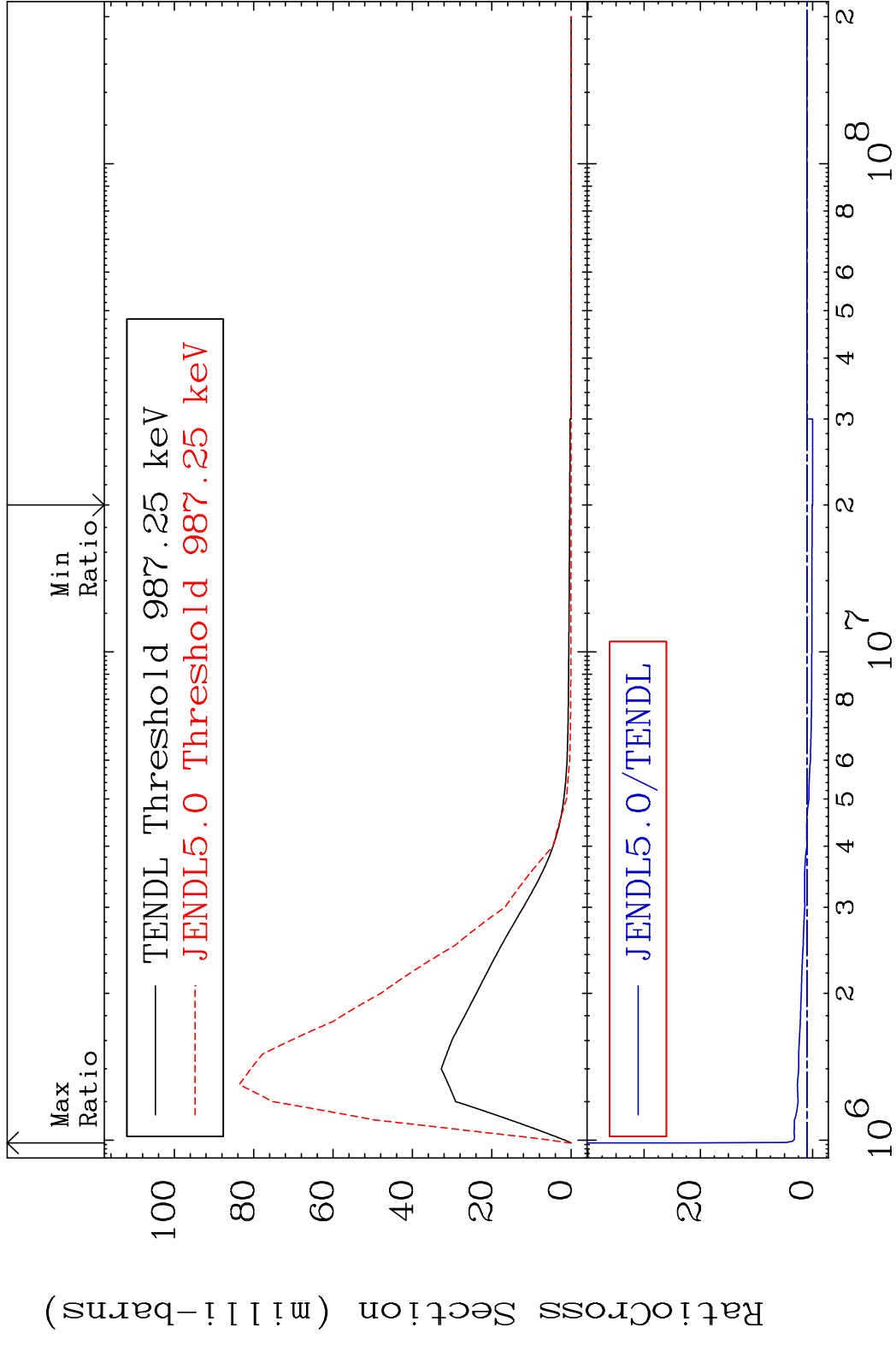
34 Incident Energy (eV) 41-Nb-94

MAT 4128 MT= 73 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 741.4 %



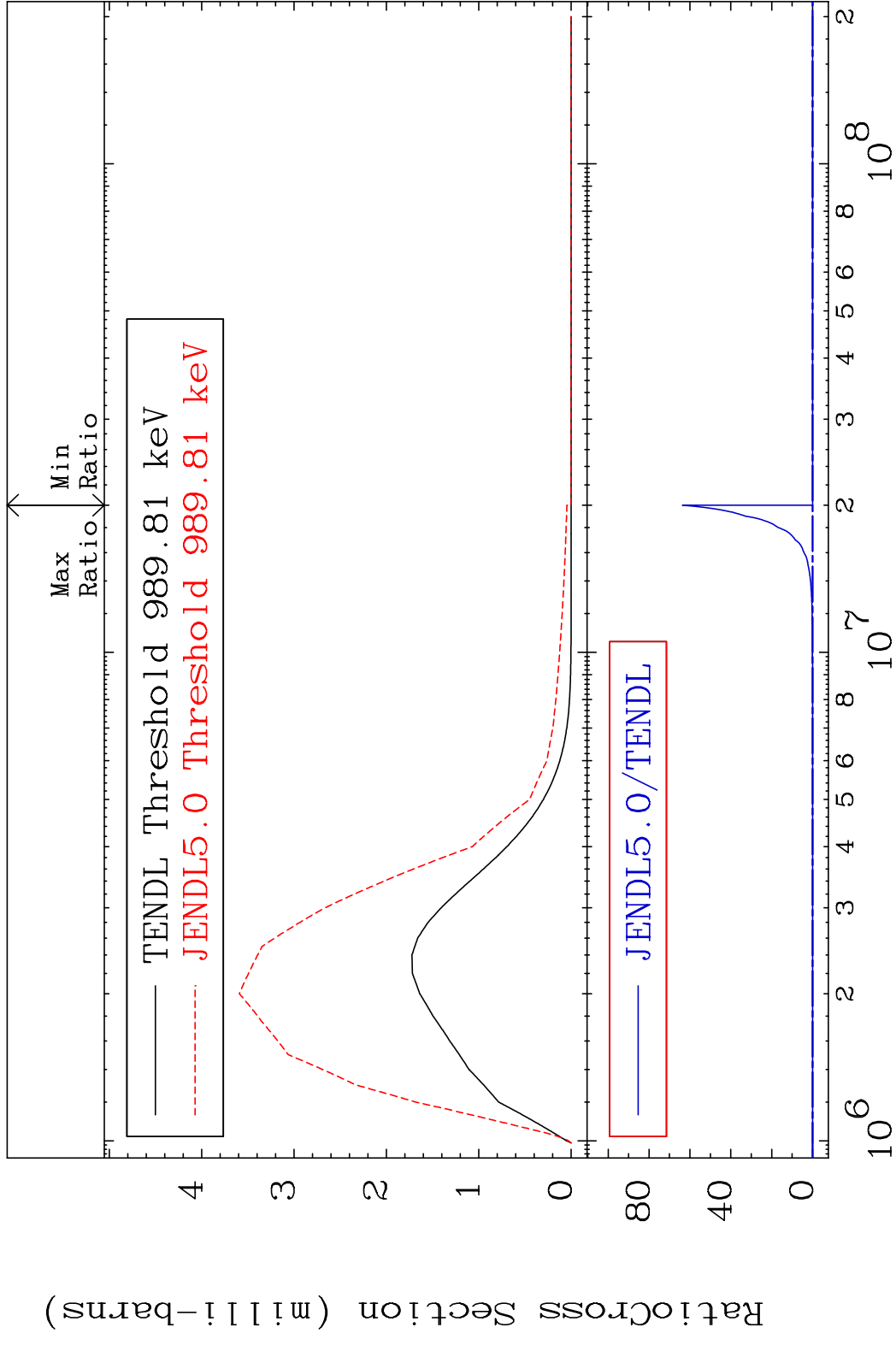
35 41-Nb-94

MAT 4128 MT= 74 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 2220. %



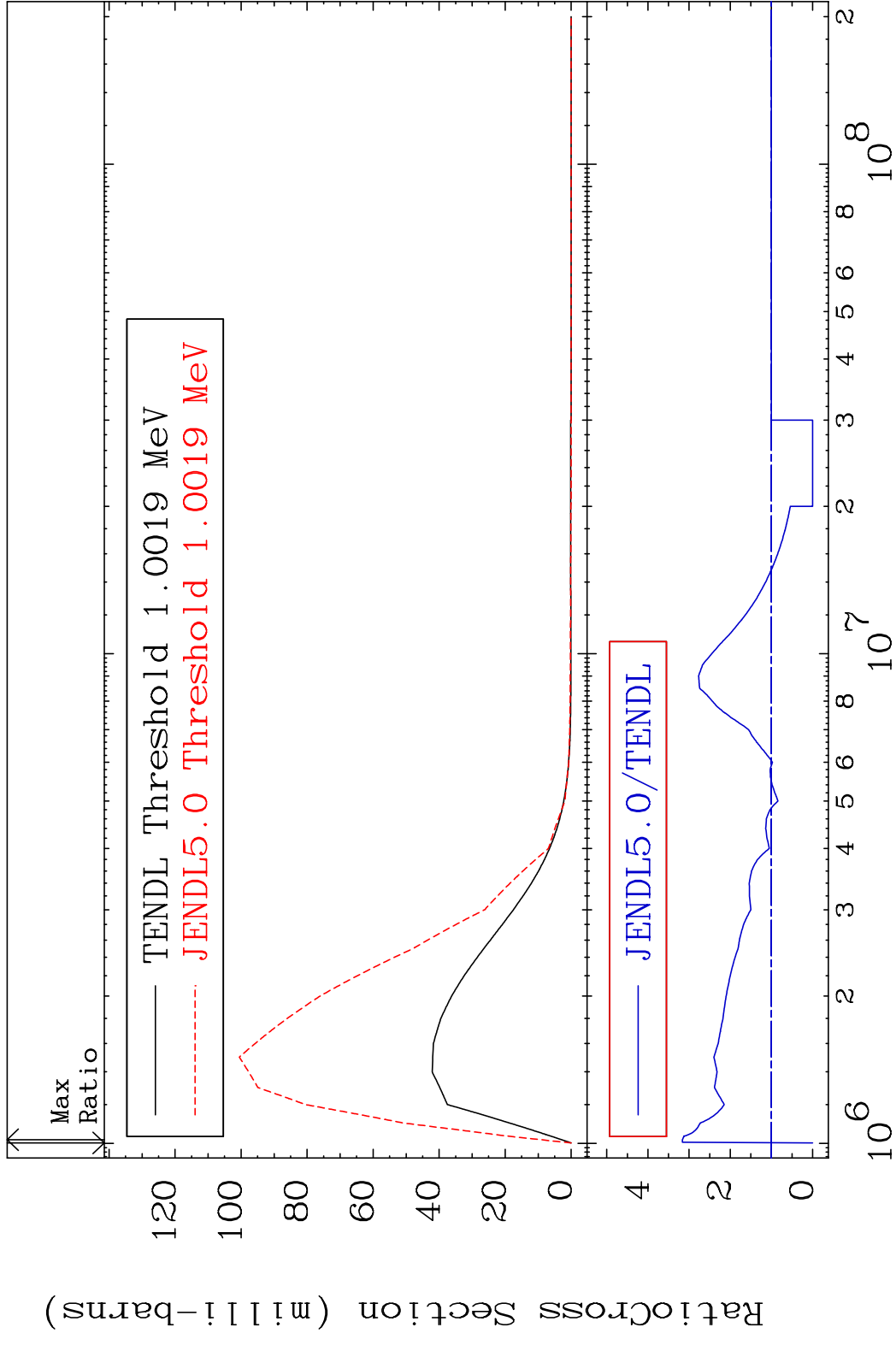
36 Incident Energy (eV) 41-Nb-94

MAT 4128 MT= 75 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 9999. %



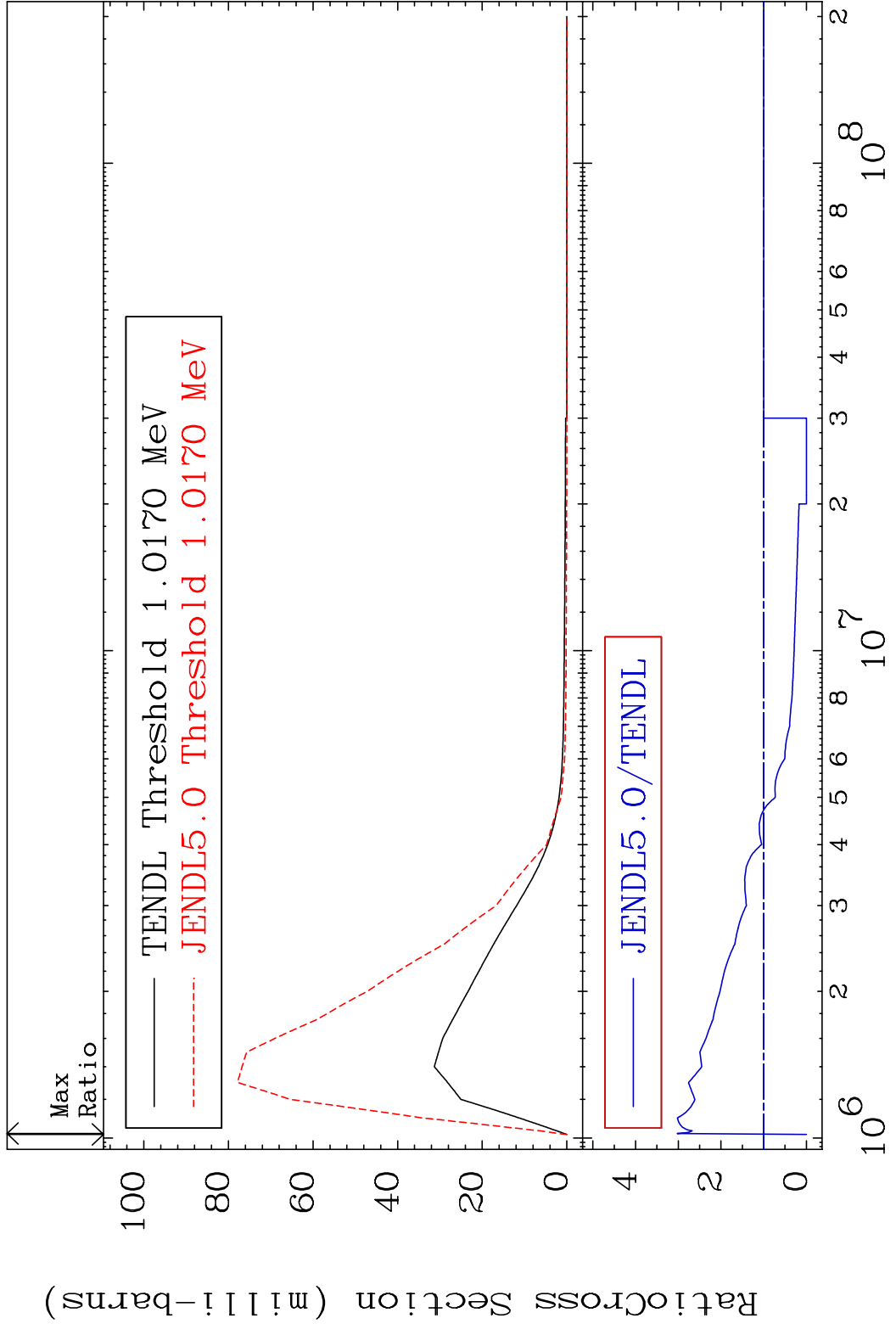
37 41-Nb-94

MAT 4128 MT= 76 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 216.4 %



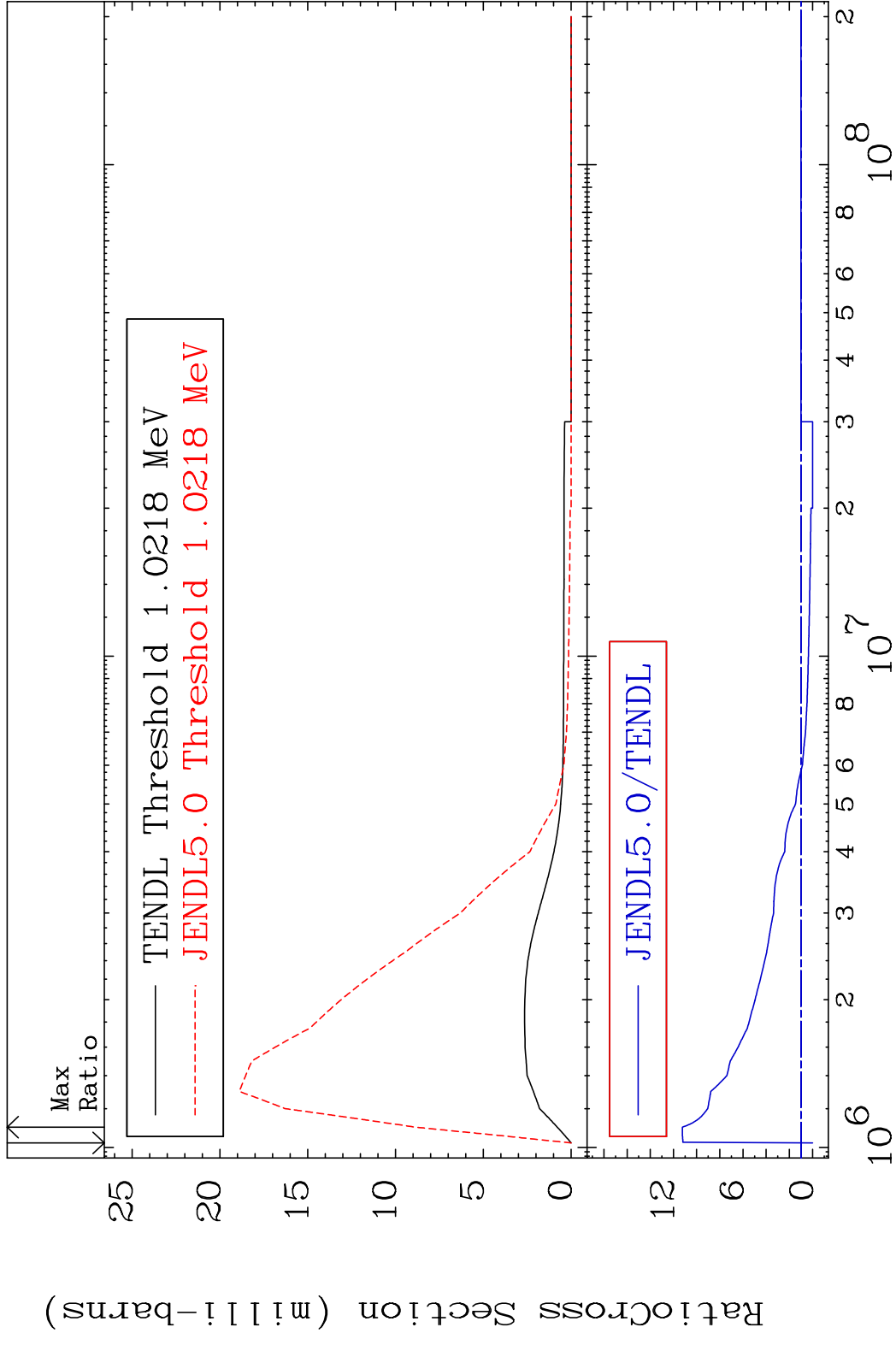
38 Incident Energy (eV) 41-Nb-94

MAT 4128 MT= 77 (n,n') Level 41-Nb-94
 Cross Section -100.0 To 202.6 %



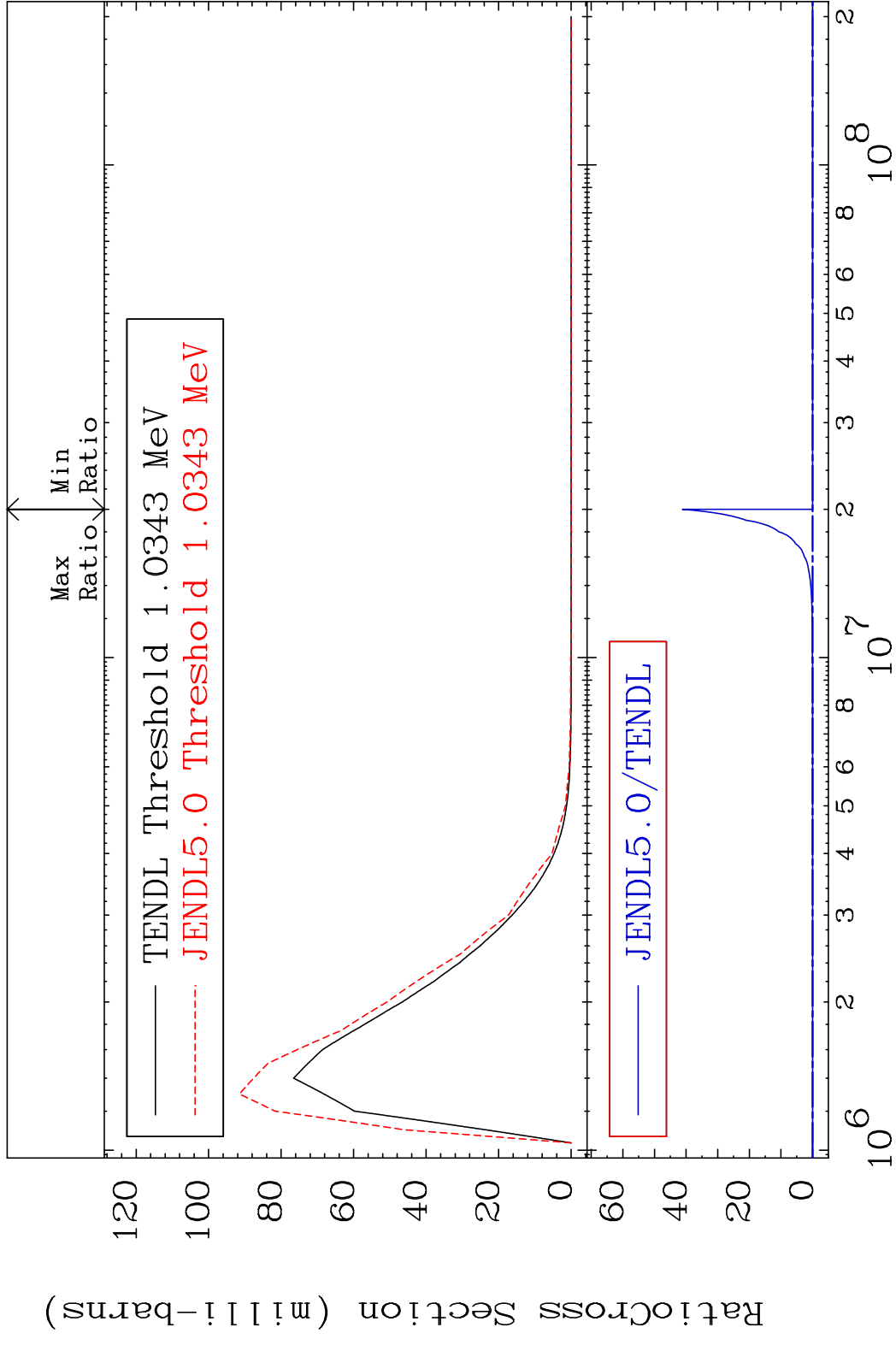
39 Incident Energy (eV) 41-Nb-94

MAT 4128 MT= 78 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 1023. %



40 Incident Energy (eV) 41-Nb-94

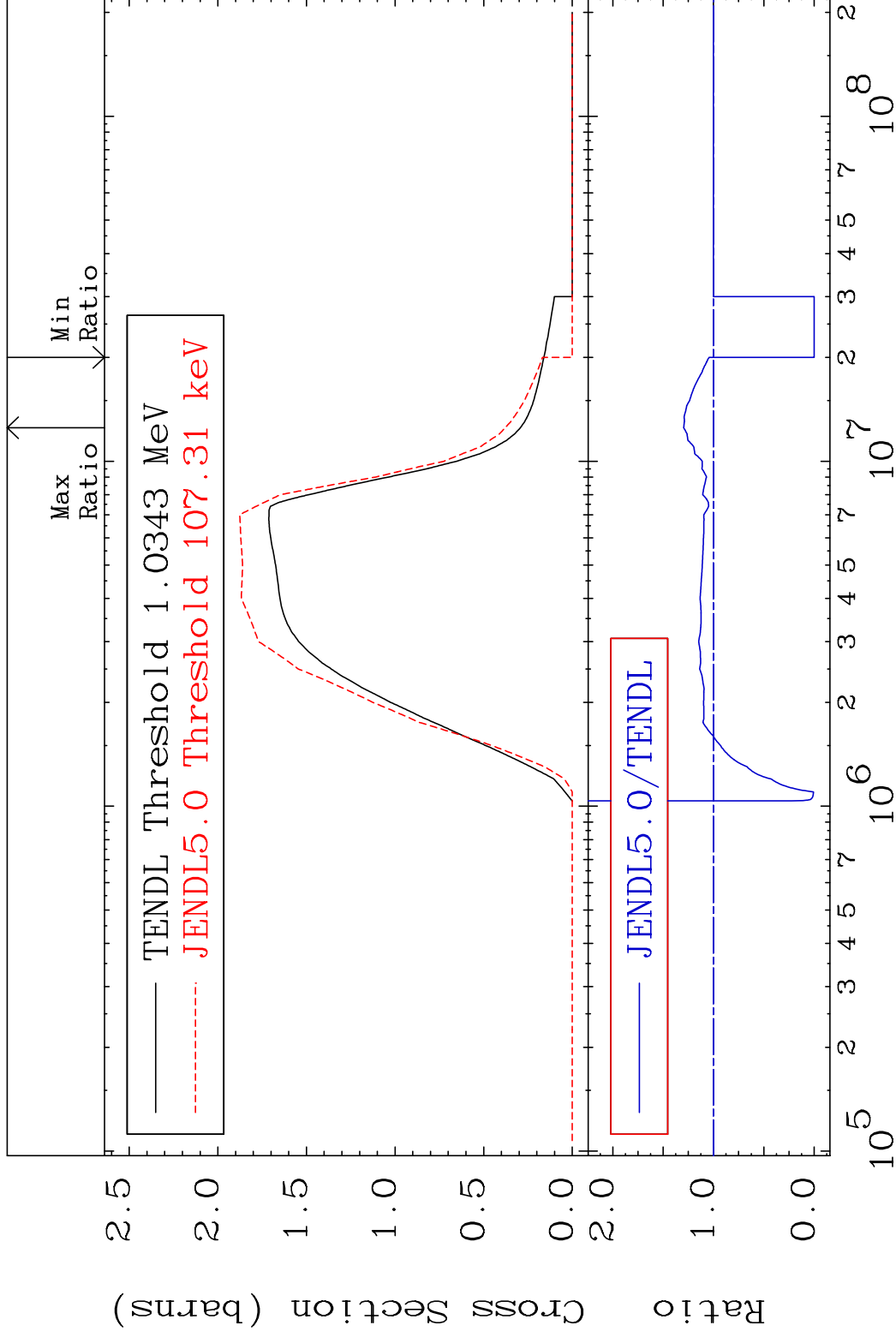
MAT 4128 MT= 79 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 9999. %



41 Incident Energy (eV) 41-Nb-94

MAT 4128

(n, n') Continuum 41-Nb-94
Cross Section -100.0 To 29.64 %



42

Incident Energy (eV)

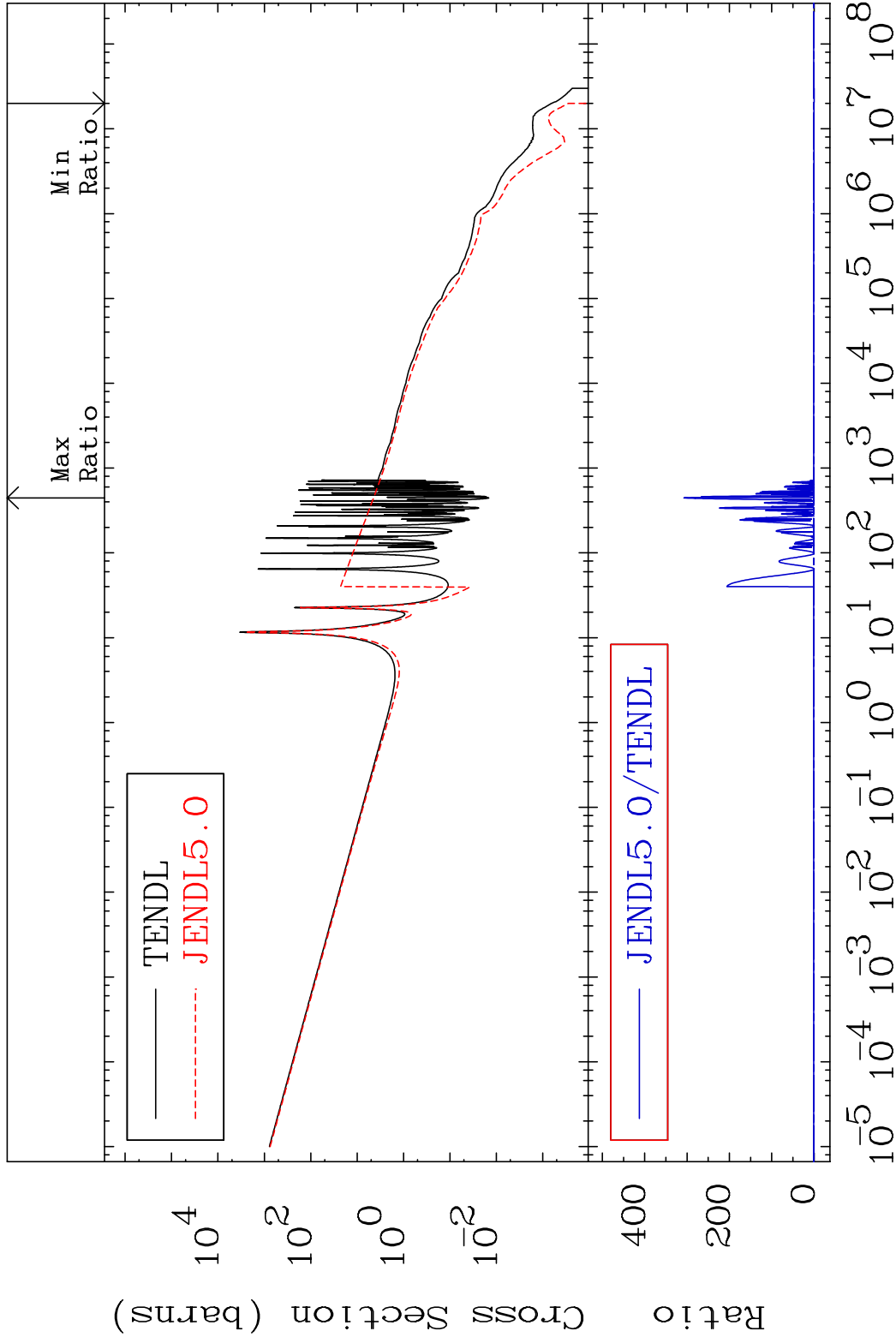
41-Nb-94

MAT 4128

(n, γ)

41-Nb-94

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

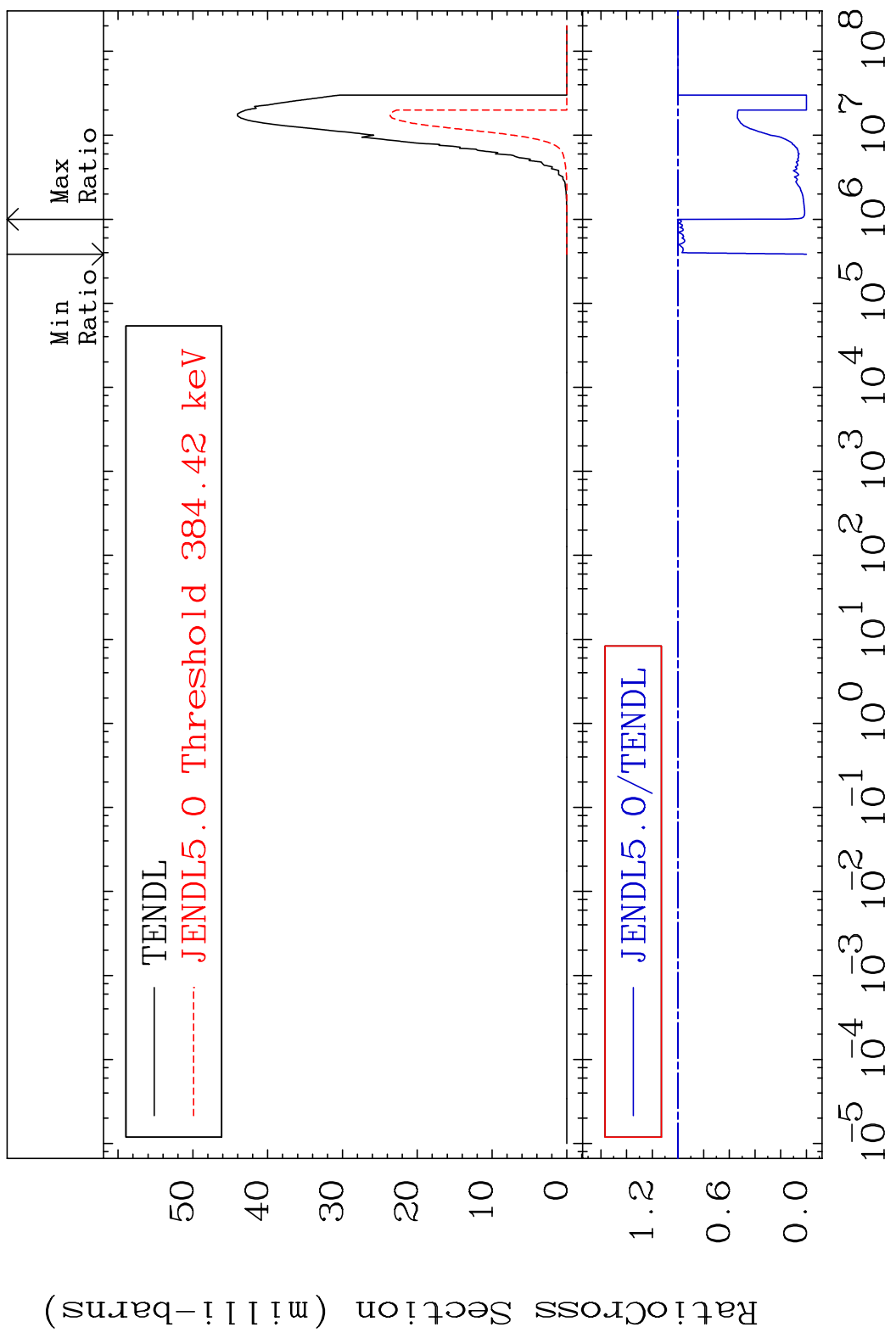
41-Nb-94

MAT 4128

(n, p)

41-Nb-94

Cross Section -100.0 To 0.575 %

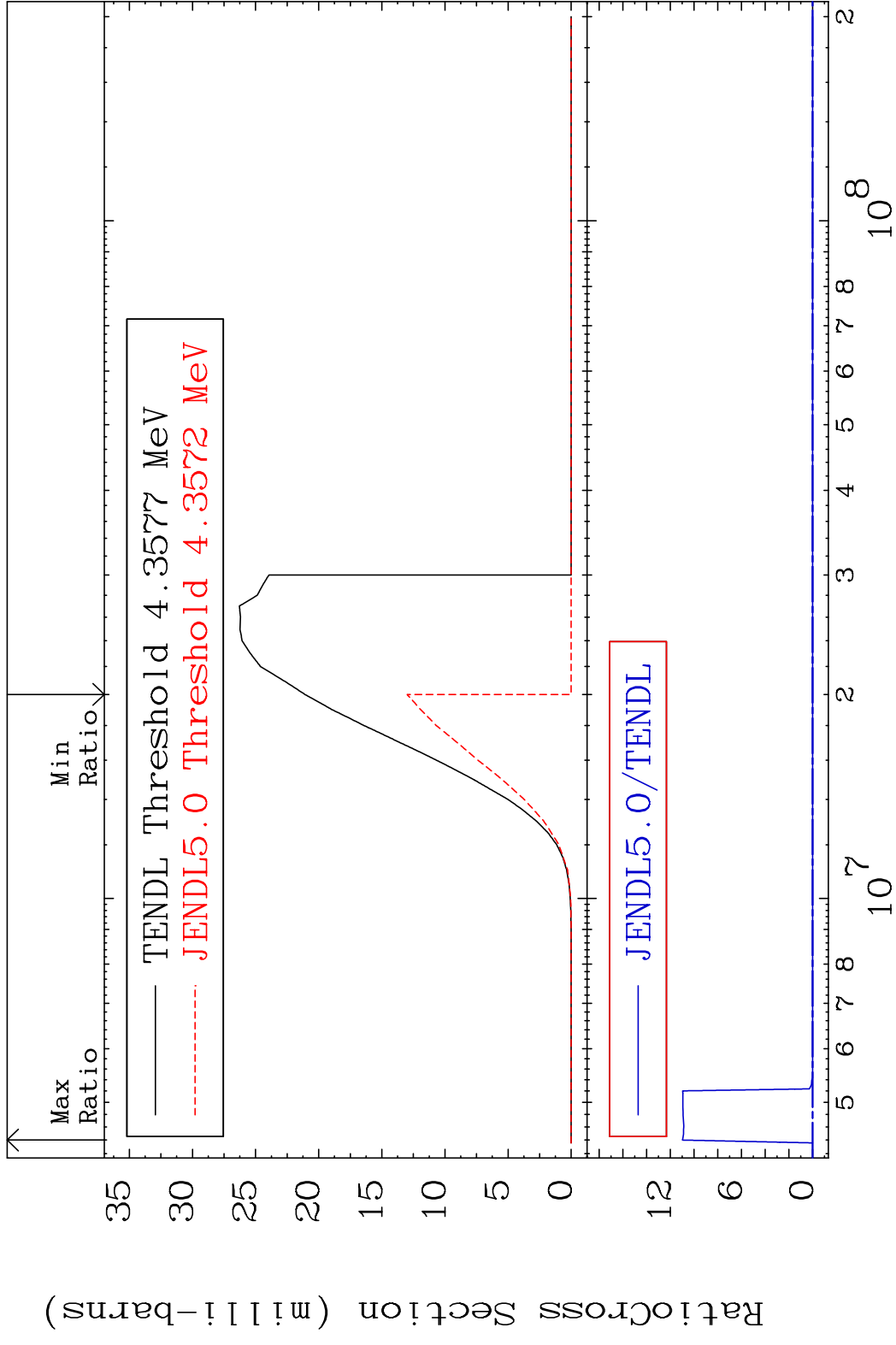


44

Incident Energy (eV)

41-Nb-94

MAT 4128 (n,d) 41-Nb-94
 Cross Section -100.0 To 9999. %

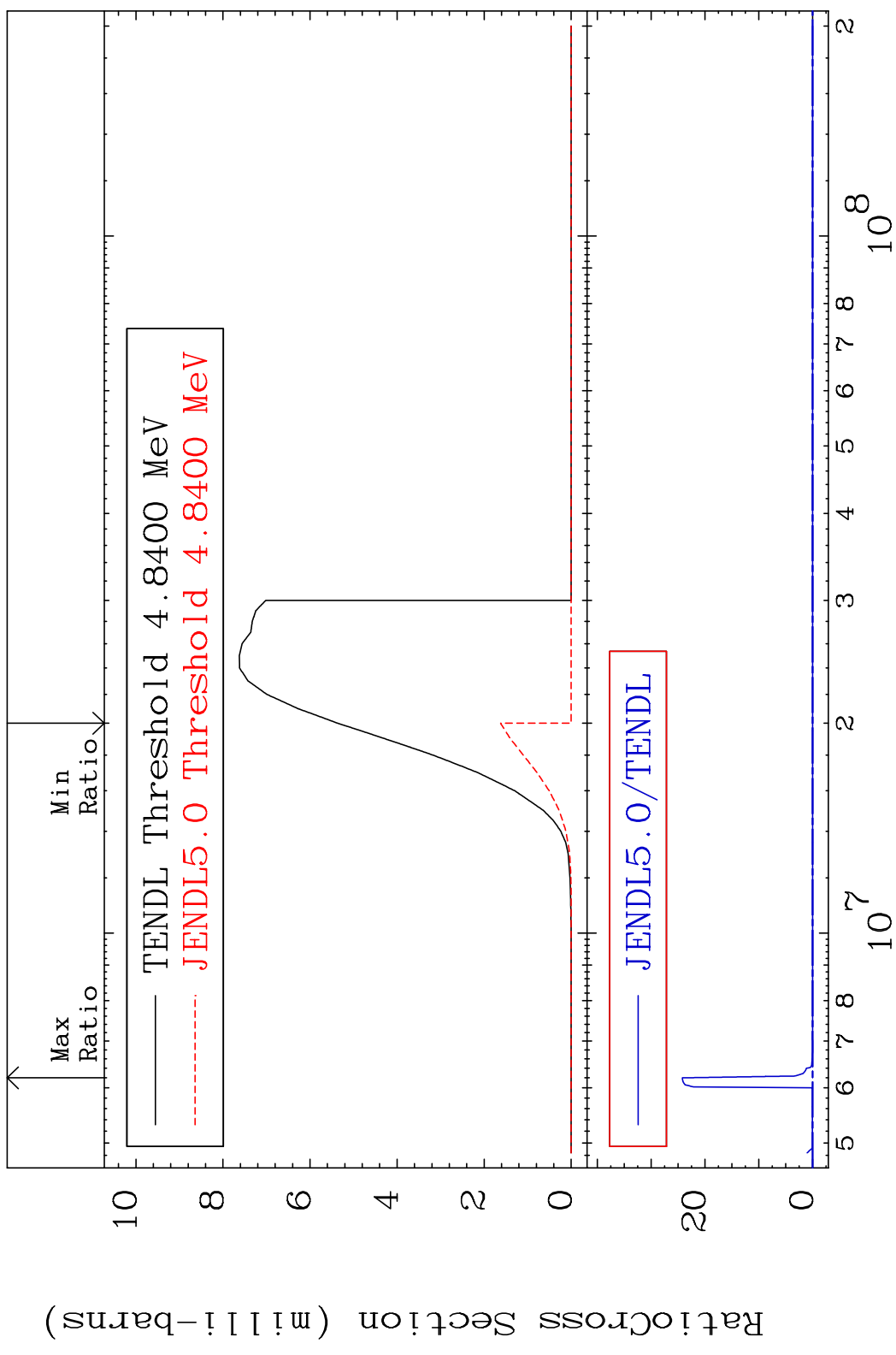


MAT 4128

(n, t)

41-Nb-94

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

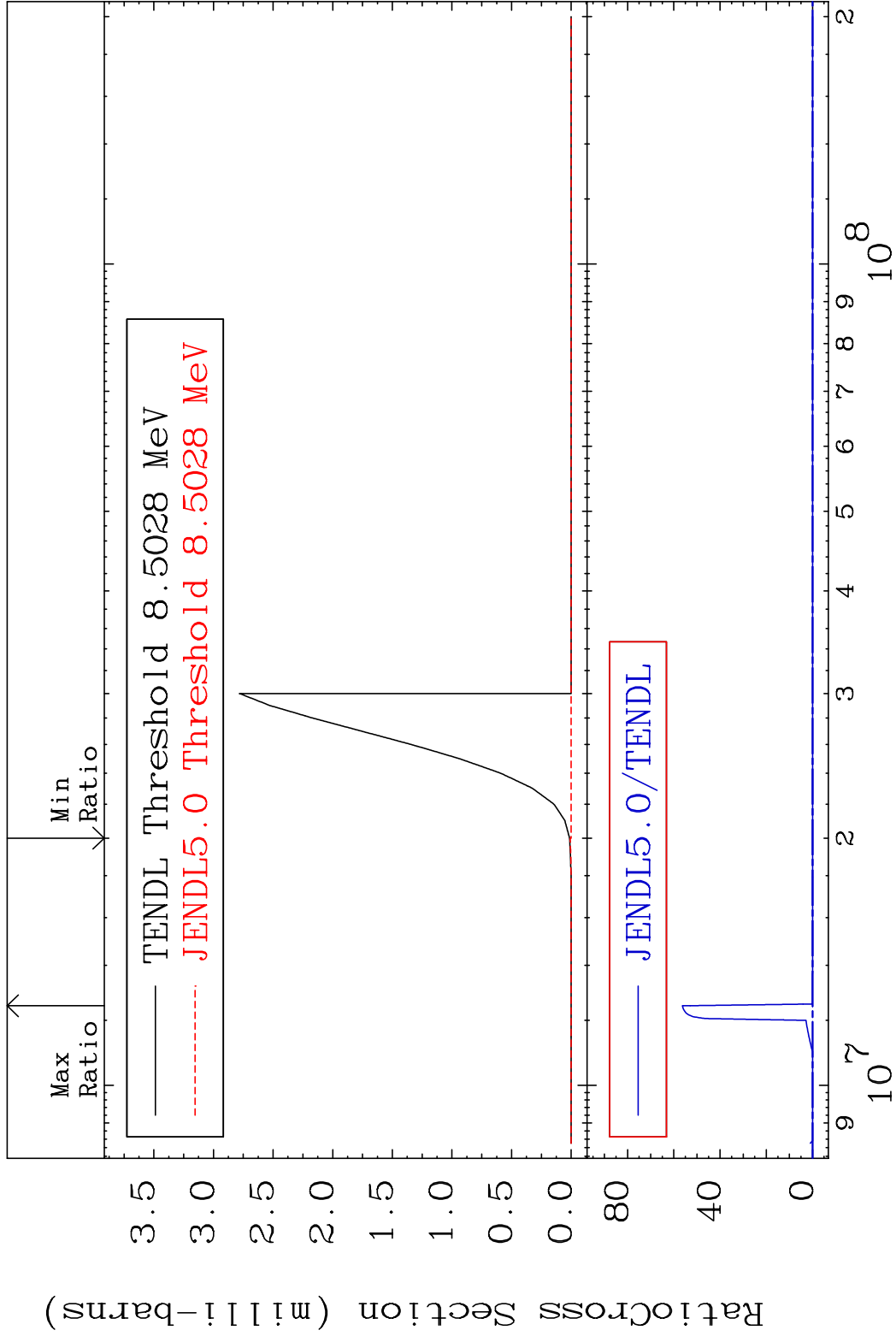
41-Nb-94

MAT 4128

(n, He-3)

41-Nb-94

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

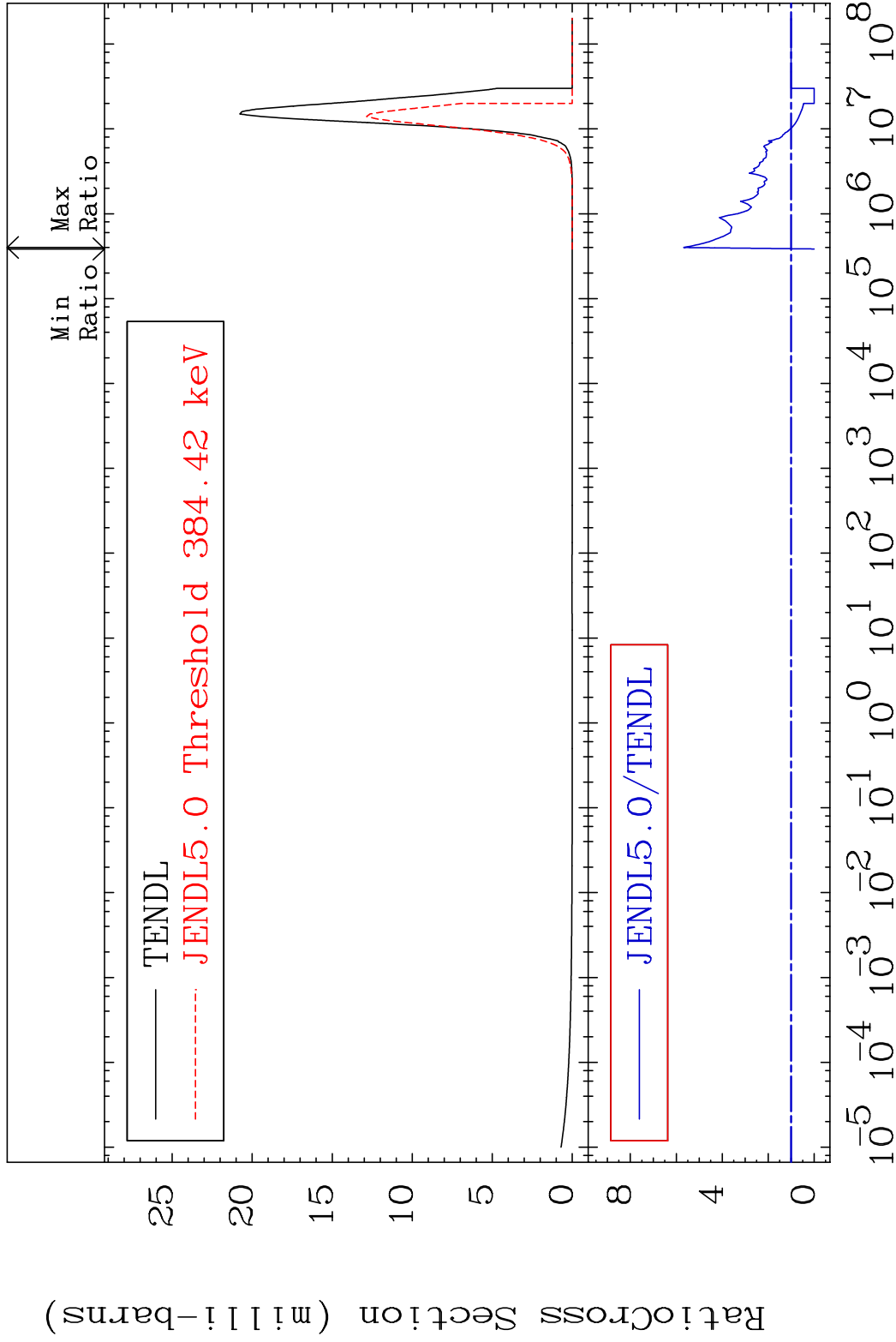
41-Nb-94

MAT 4128

(n, α)

41-Nb-94

Cross Section -100.0 To 467.9 %



48

Incident Energy (eV)

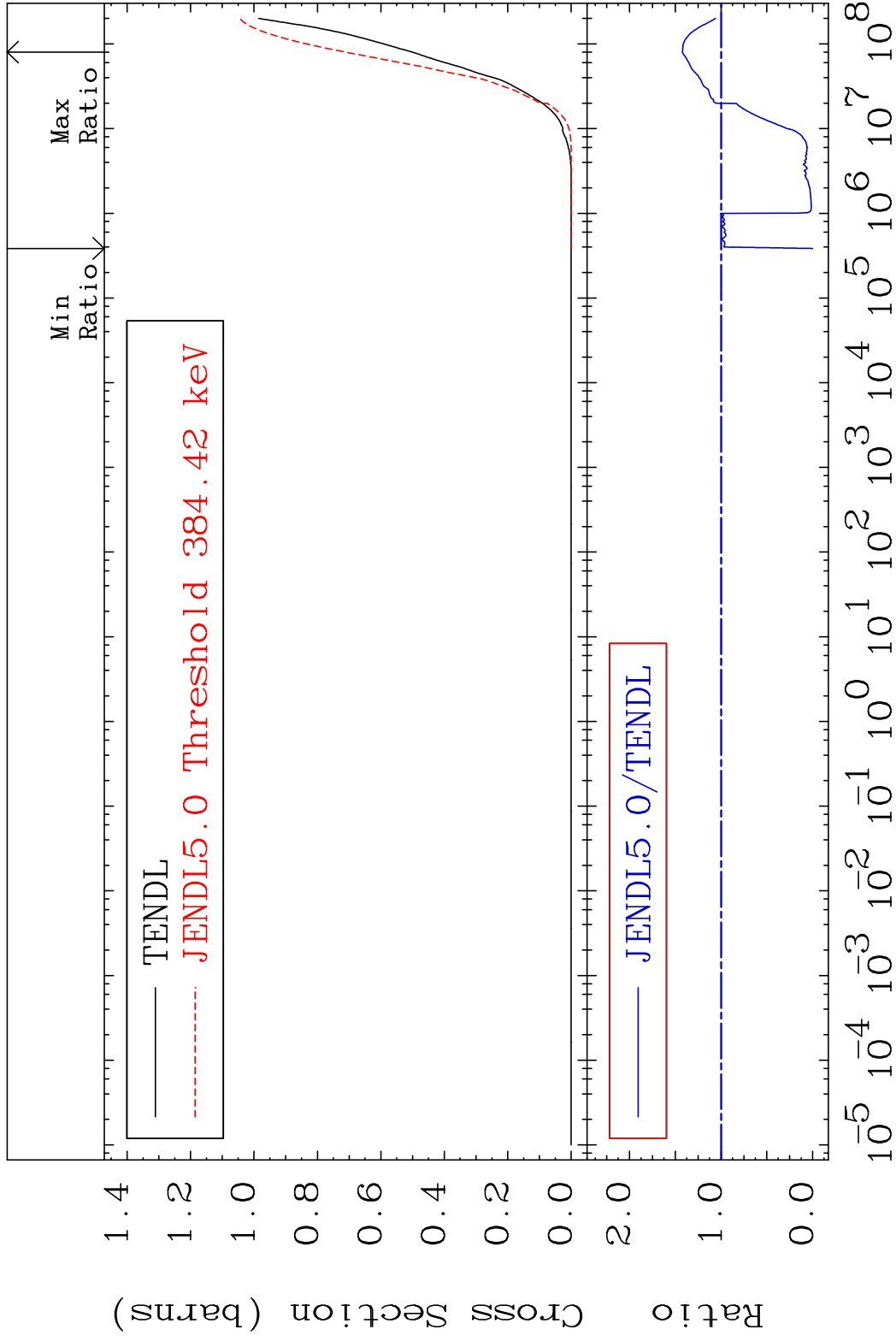
41-Nb-94

MAT 4128

Hydrogen Production

41-Nb-94

Cross Section -100.0 To 42.31 %



49

Incident Energy (eV)

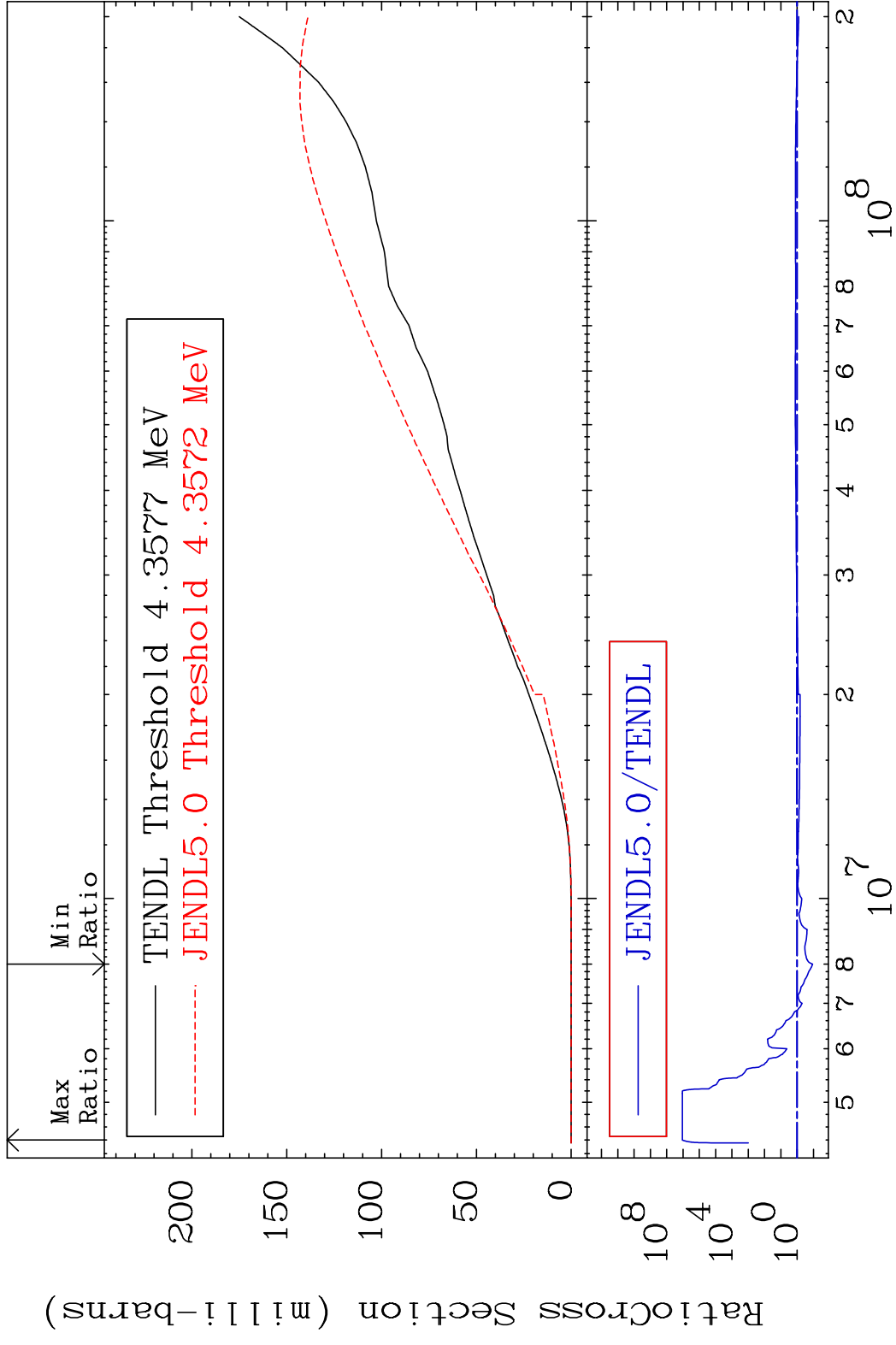
41-Nb-94

MAT 4128

Deuterium Production

41-Nb-94

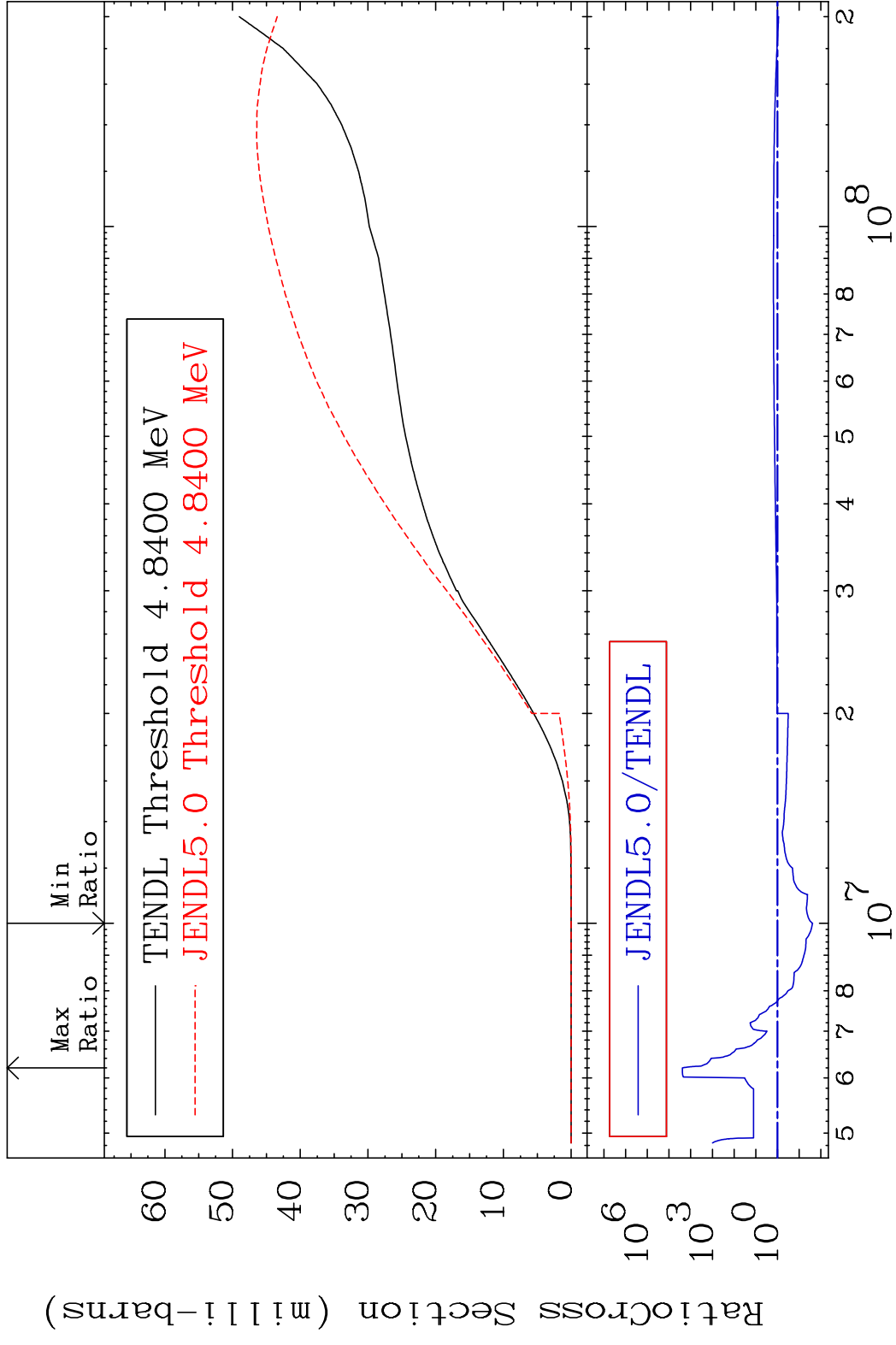
Cross Section -88.63 To 9999. %



50

Incident Energy (eV)

41-Nb-94

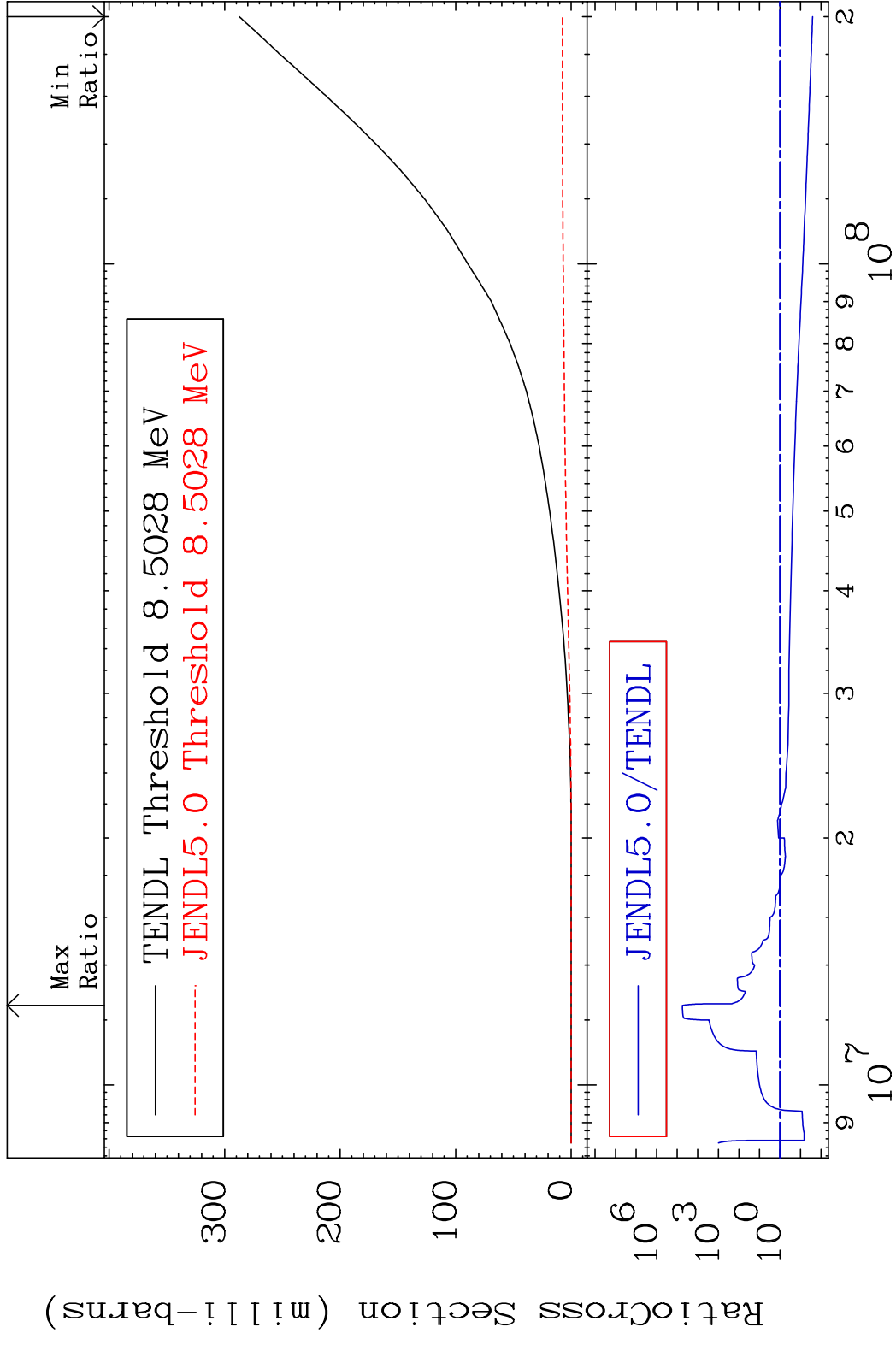


MAT 4128

He-3 Production

41-Nb-94

Cross Section -97.40 To 9999. %



52

Incident Energy (eV)

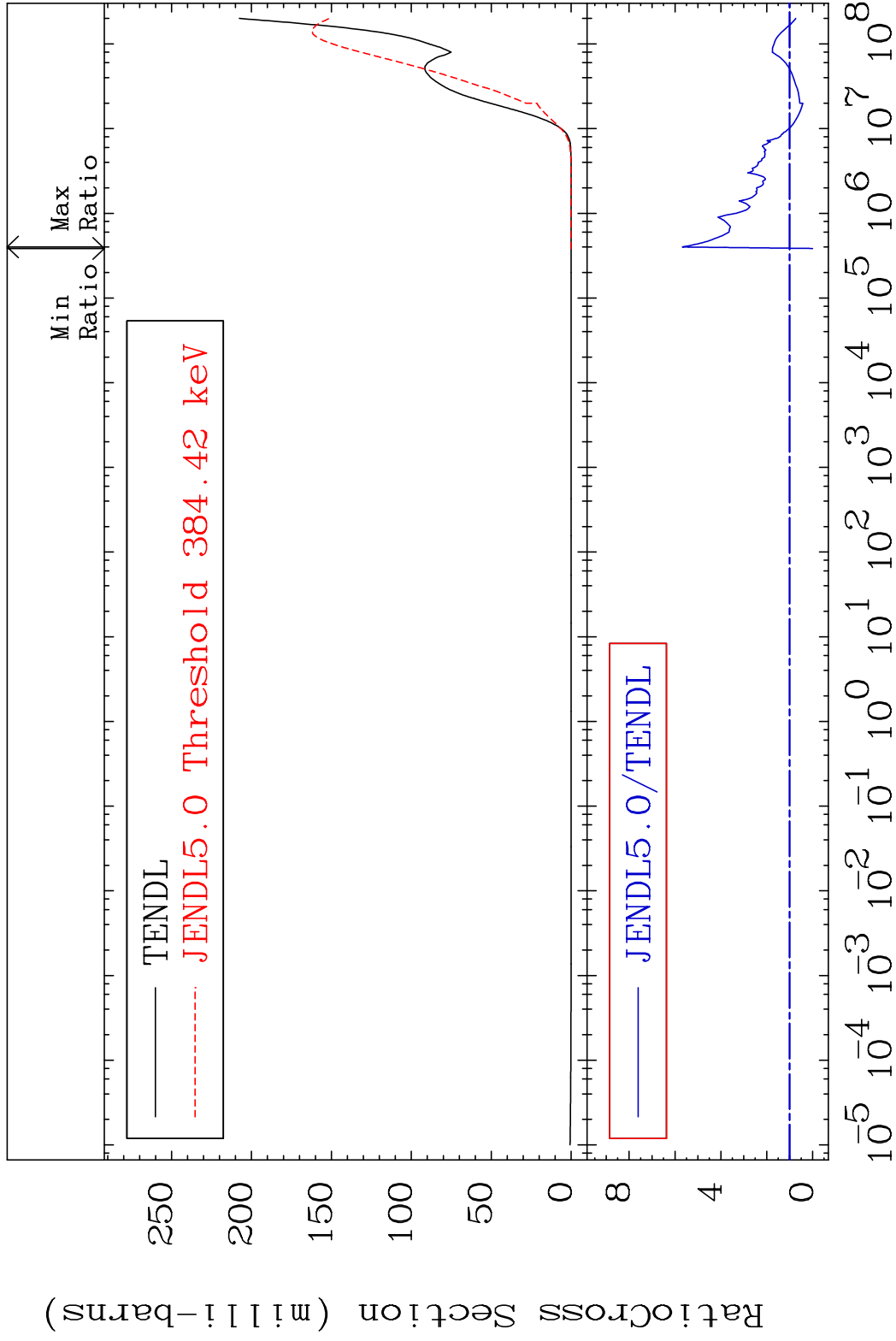
41-Nb-94

MAT 4128

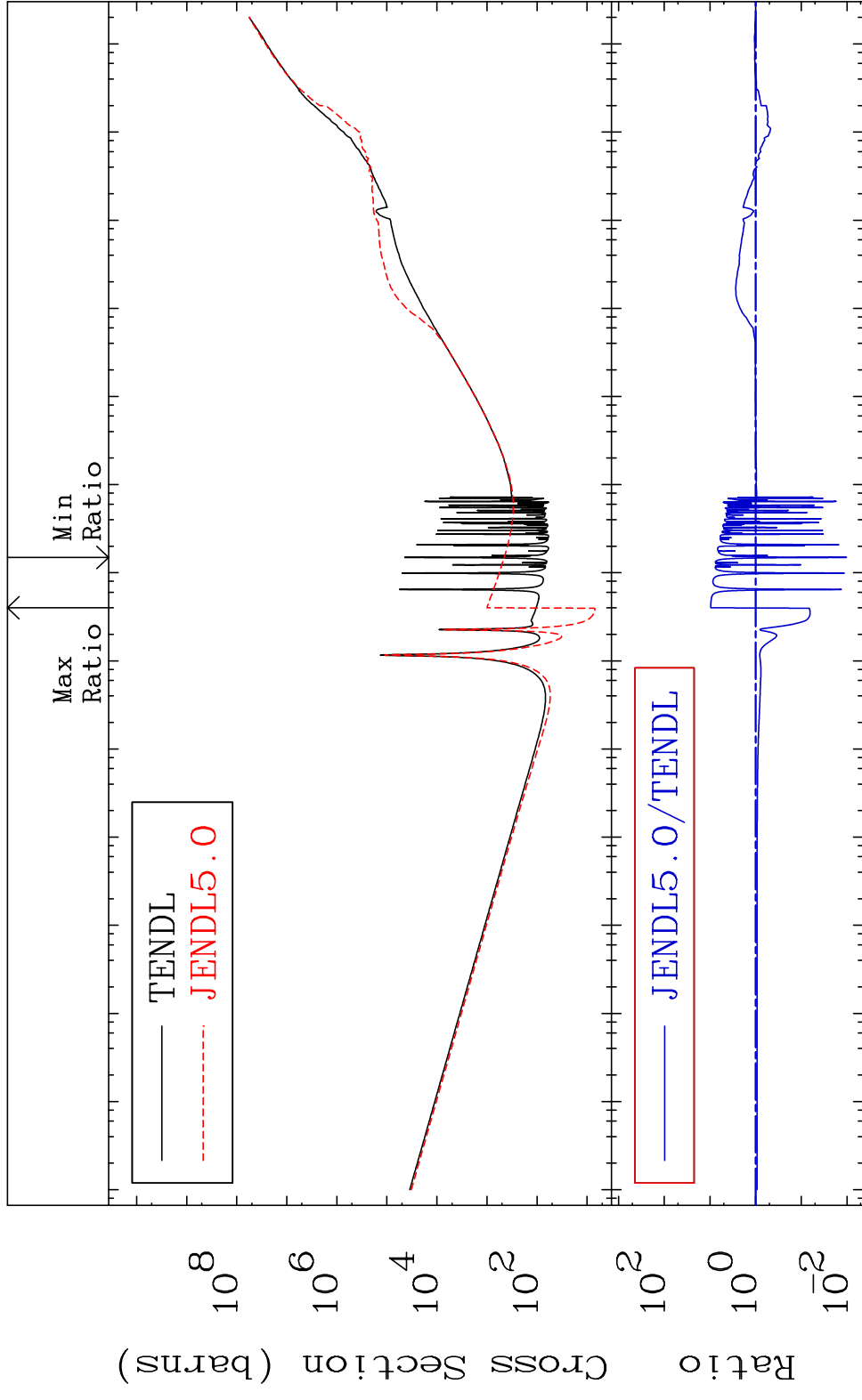
He-4 Production

41-Nb-94

Cross Section -100.0 To 467.9 %



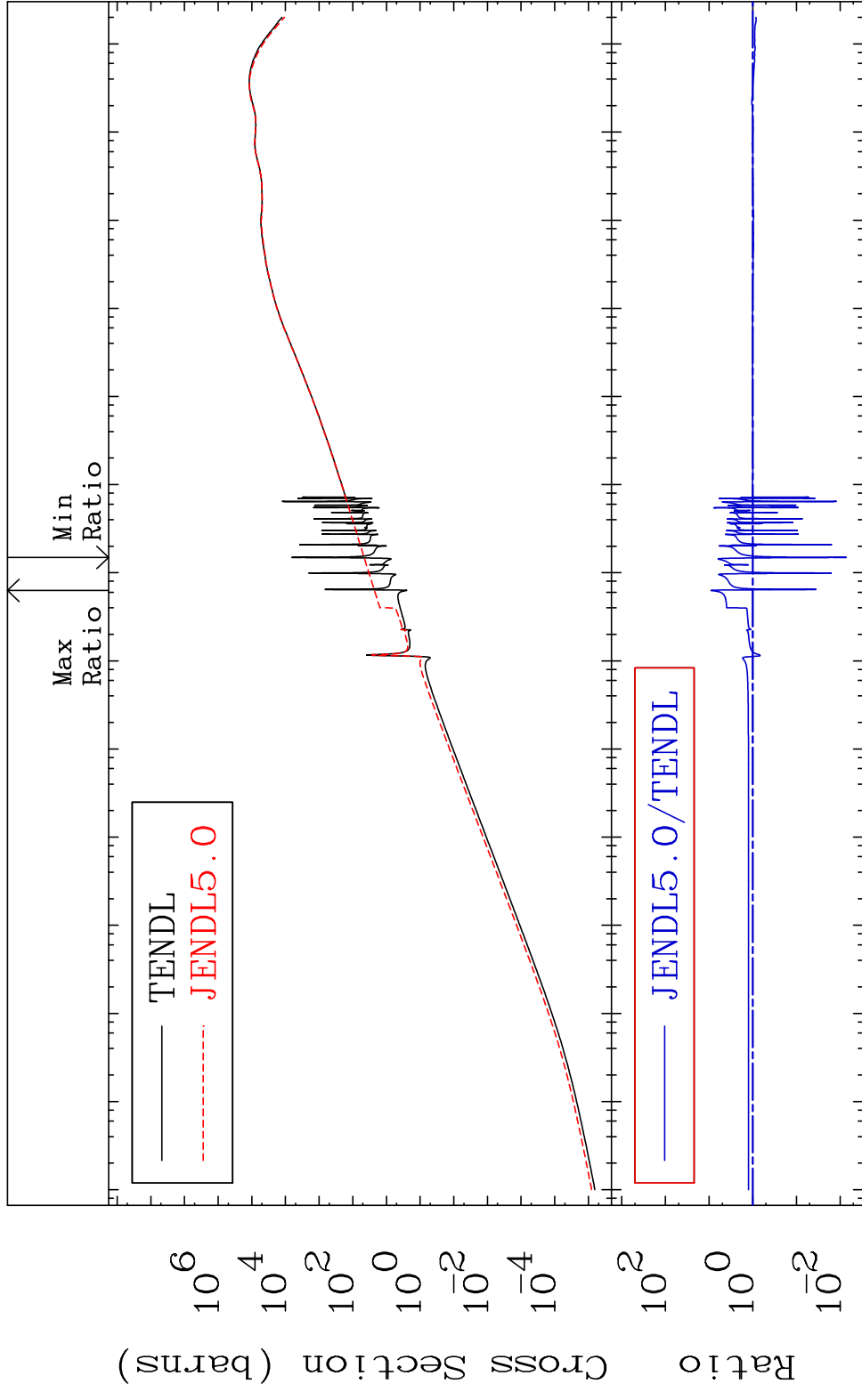
MAT 4128 Kerma total (eV-barns) 41-Nb-94
 Cross Section -98.97 To 862.8 %



MAT 4128

Kerma elastic
Cross Section

41-Nb-94
-99.28 To 820.1 %

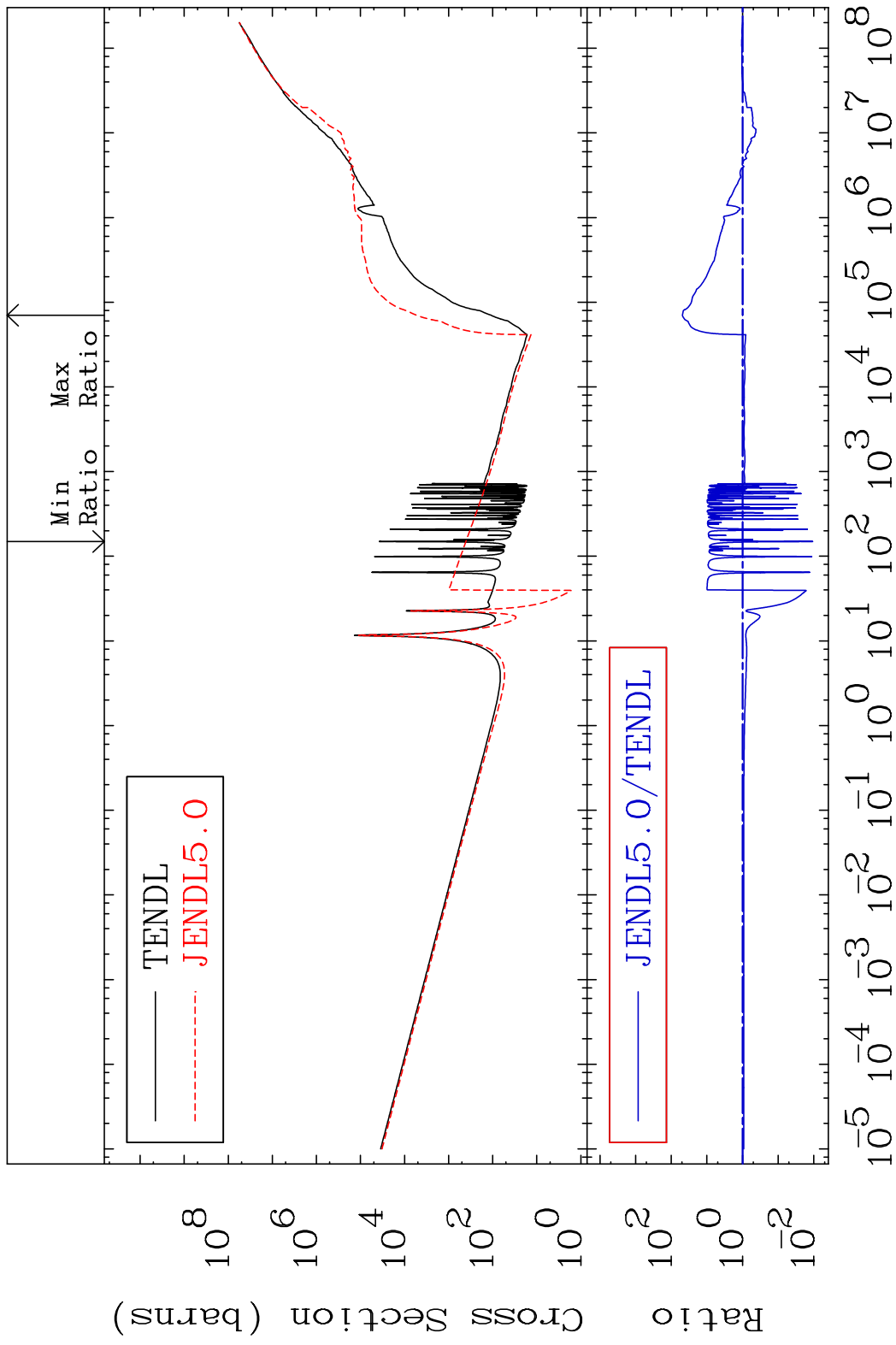


55

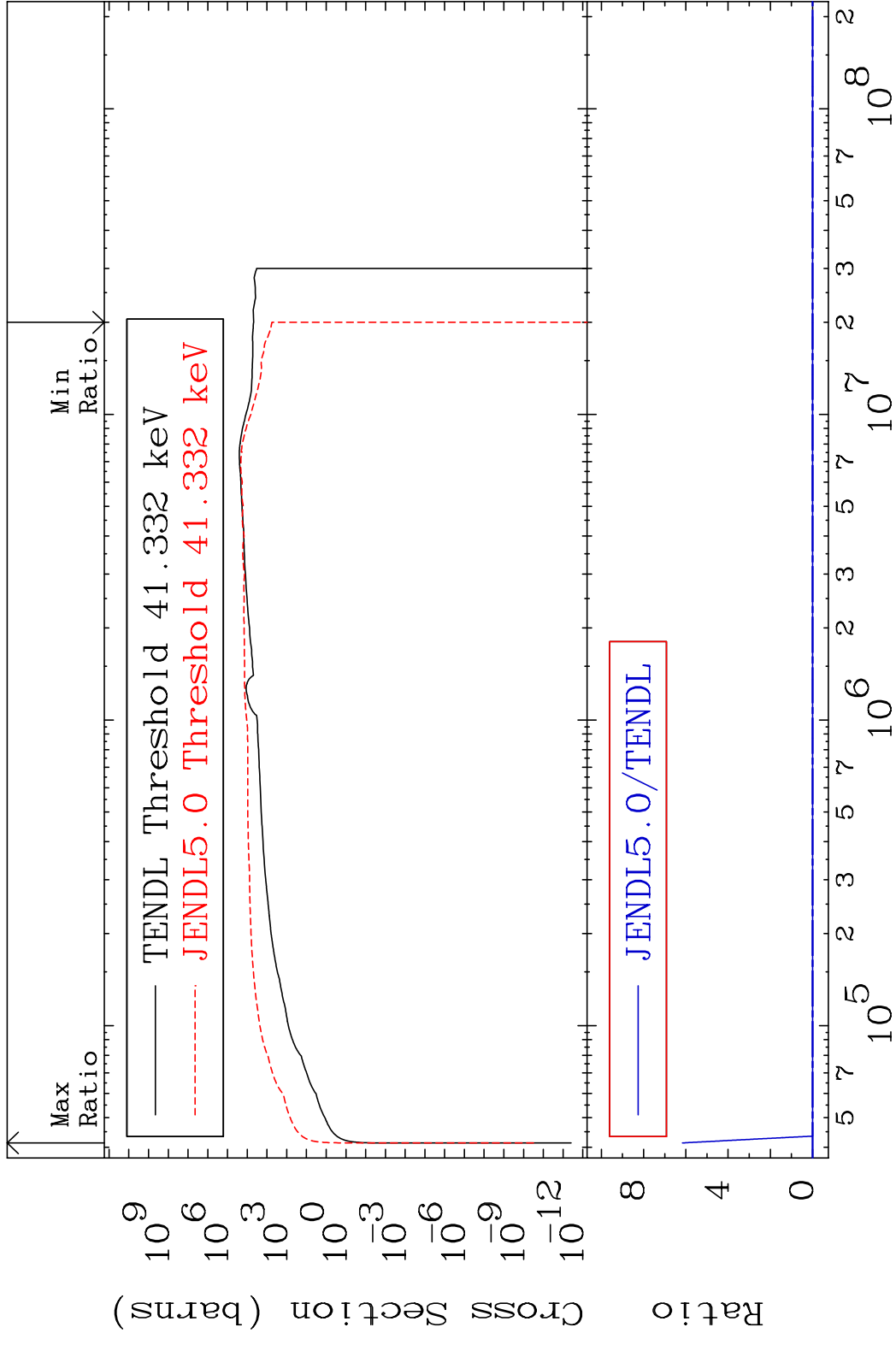
Incident Energy (eV)

41-Nb-94

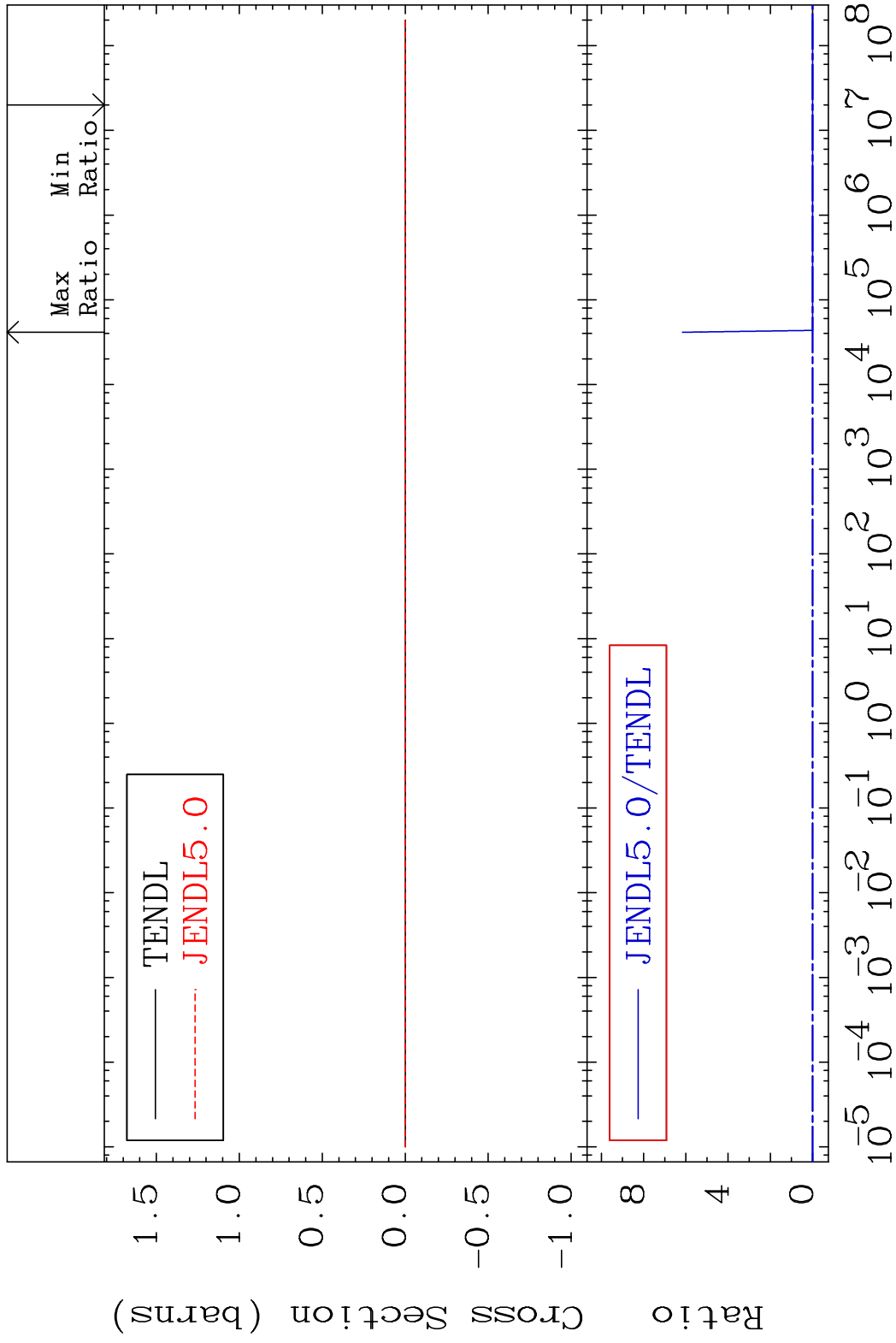
MAT 4128 Kerma non-elastic (all but mt2) 41-Nb-94
 Cross Section -98.91 To 4781. %



MAT 4128 Kerma inelastic (mt51-91) 41-Nb-94
 Cross Section -100.0 To 9999. %

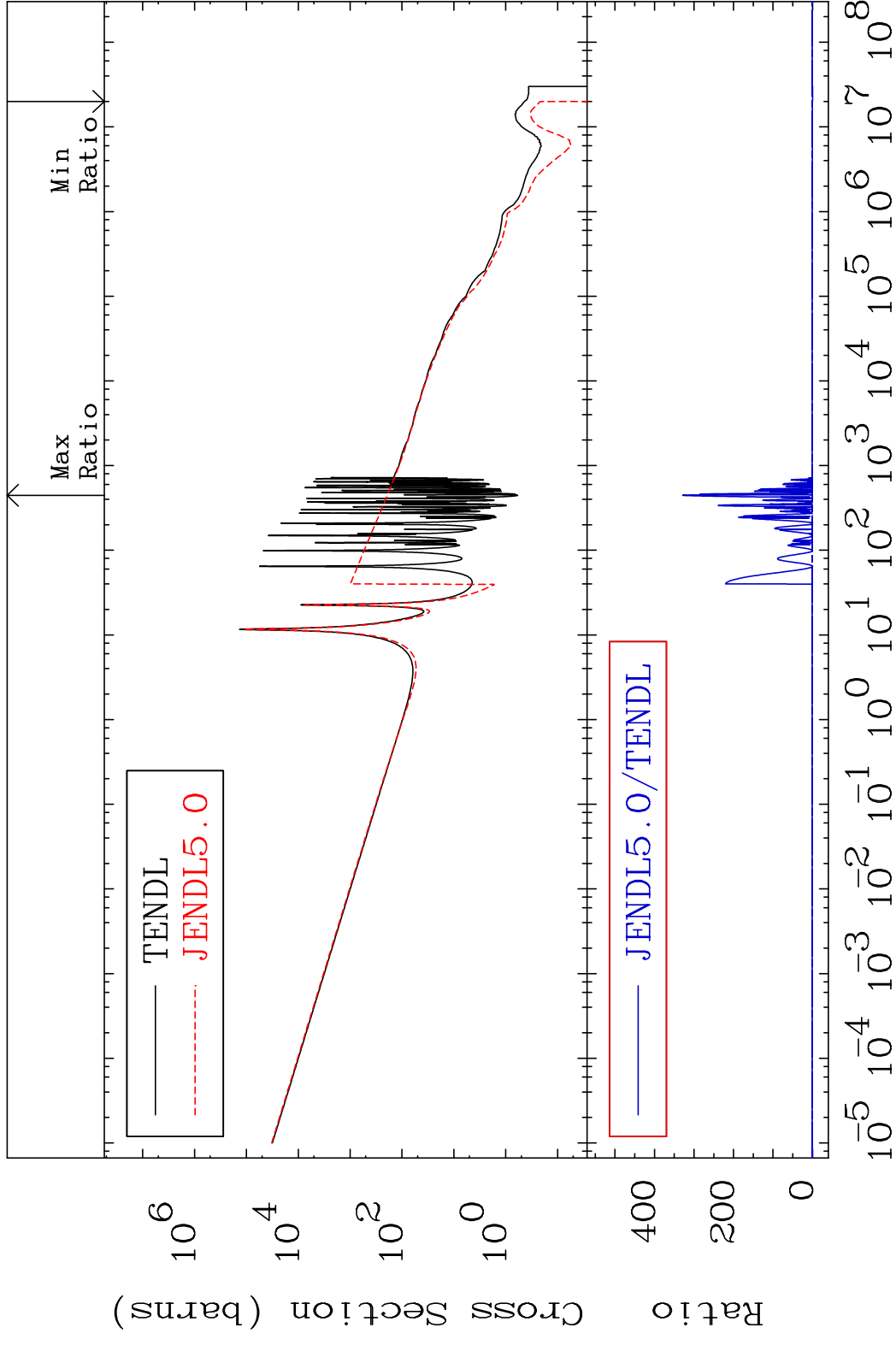


MAT 4128 Kerma fission (mt18 or mt19-20-21-38) 41-Nb-94
 Cross Section -100.0 To 9999. %



MAT 4128

Kerma capture (mt102) 41-Nb-94
Cross Section -100.0 To 9999. %

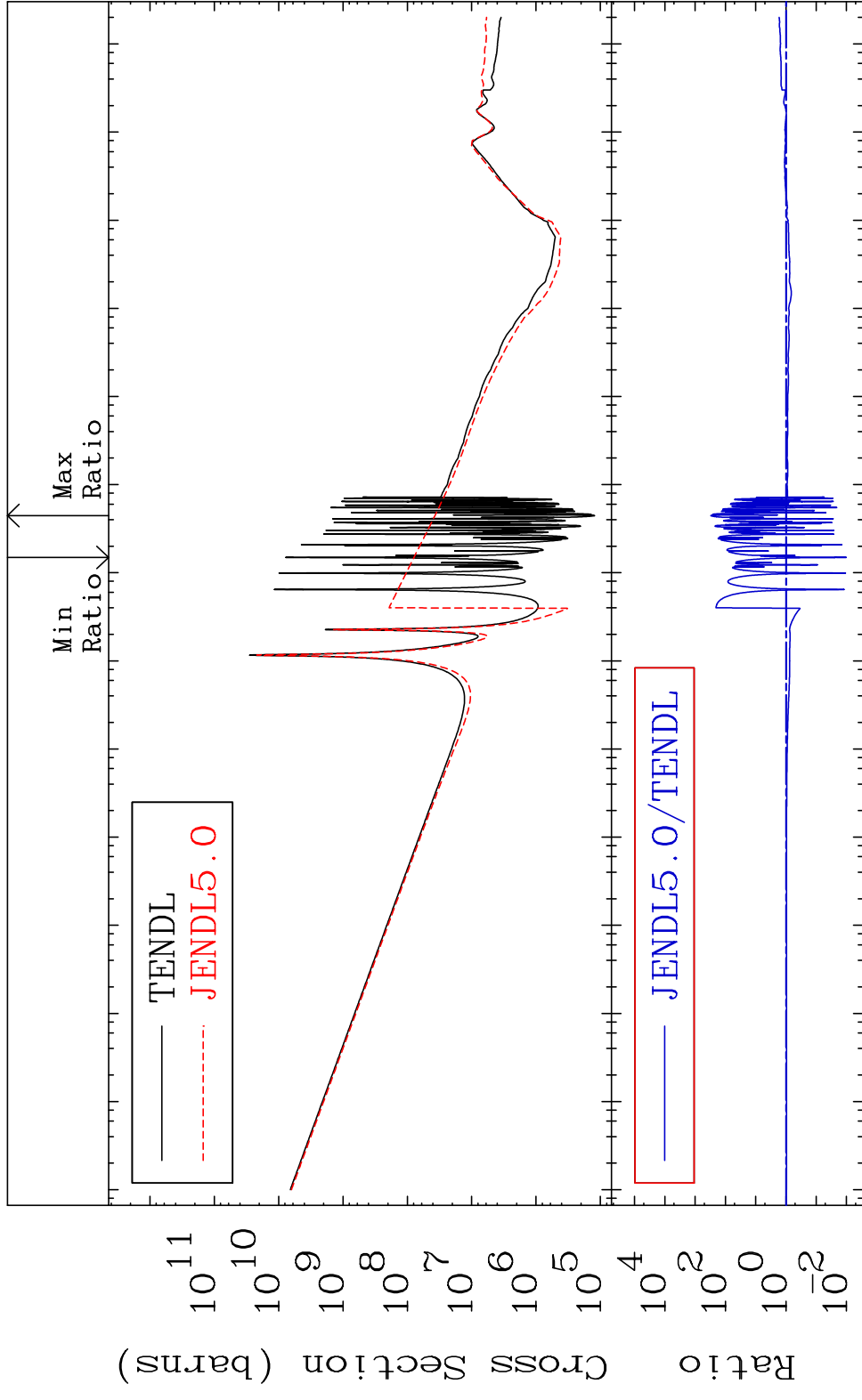


59

Incident Energy (eV)

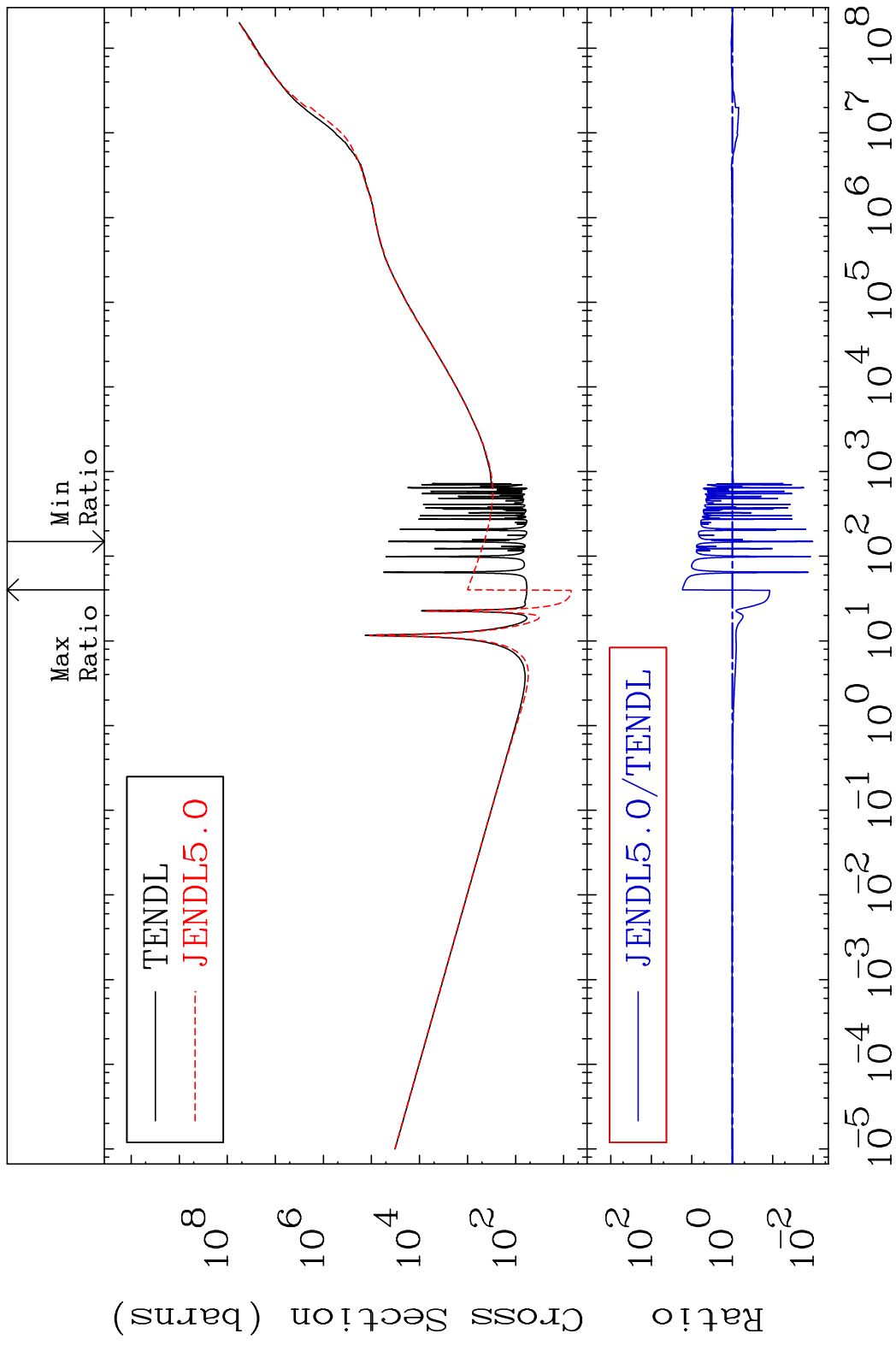
41-Nb-94

MAT 4128 Total photon (eV-barns) 41-Nb-94
 Cross Section -98.99 To 9999. %



60 Incident Energy (eV) 41-Nb-94

MAT 4128 Total kinematic kerma (high limit) 41-Nb-94
 Cross Section -98.97 To 1611. %

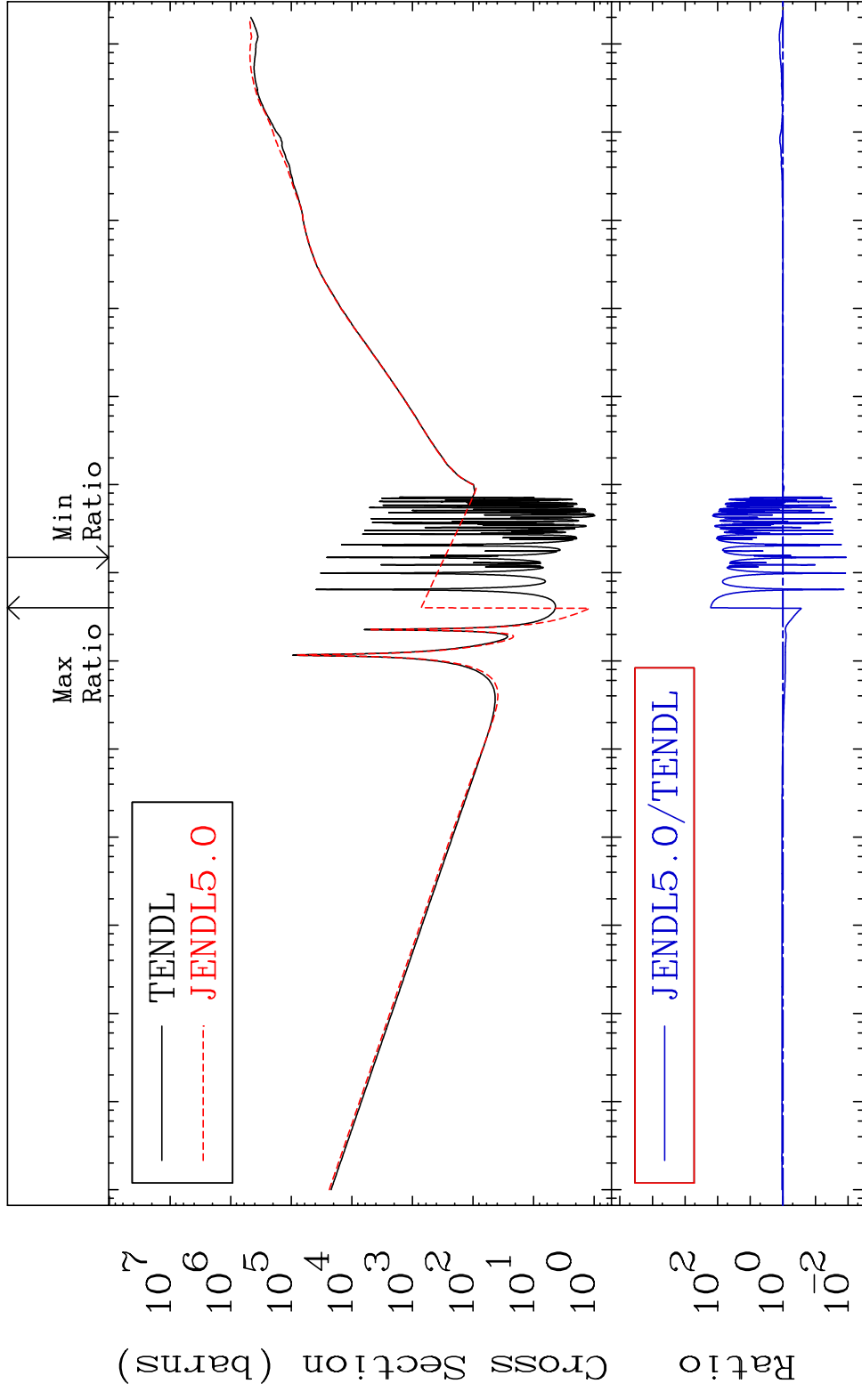


MAT 4128

Dpa total (eV-barns)

41-Nb-94

Cross Section -98.87 To 9999. %



62

Incident Energy (eV)

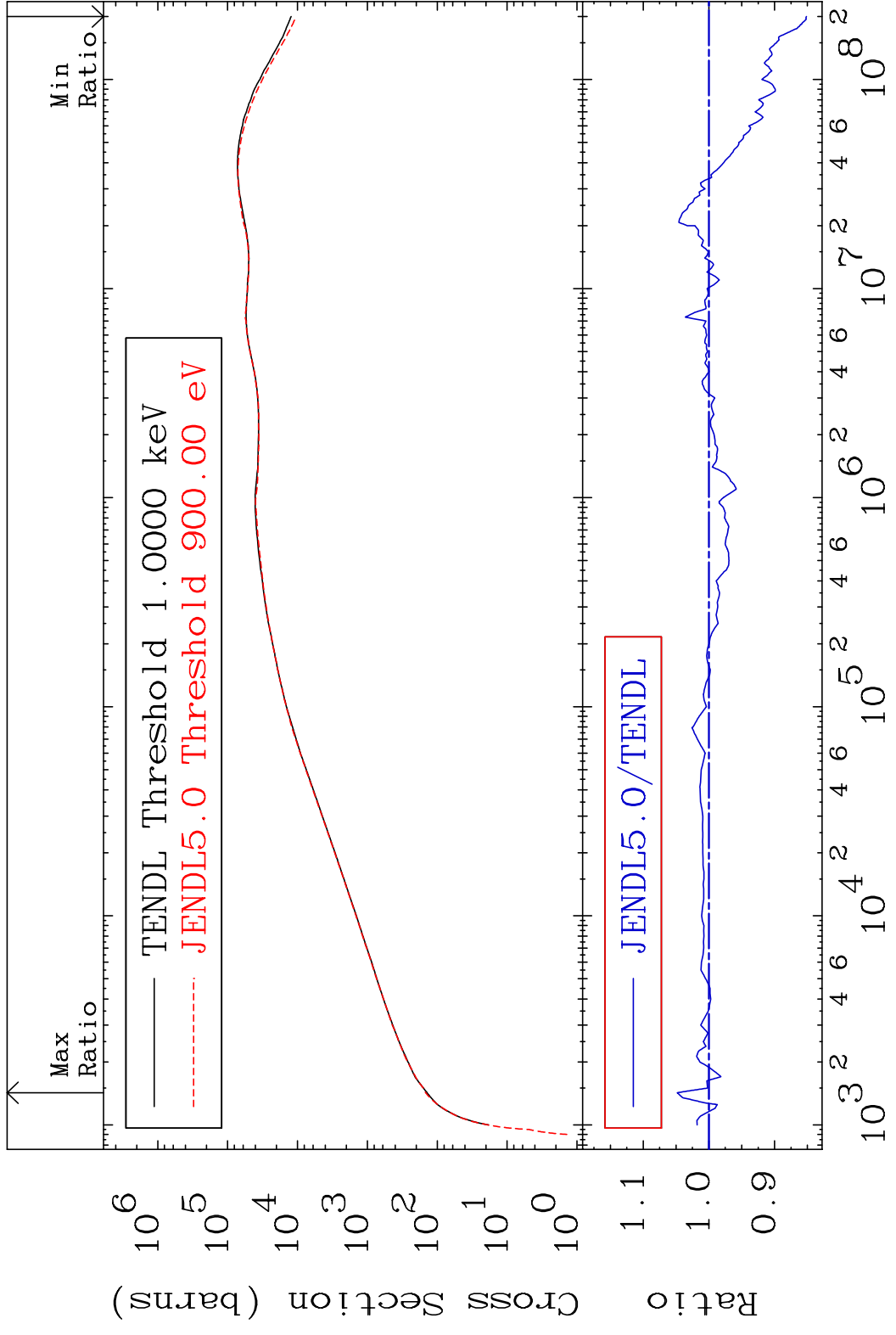
41-Nb-94

MAT 4128

Dpa elastic (mt2)

41-Nb-94

Cross Section -14.85 To 4.831 %

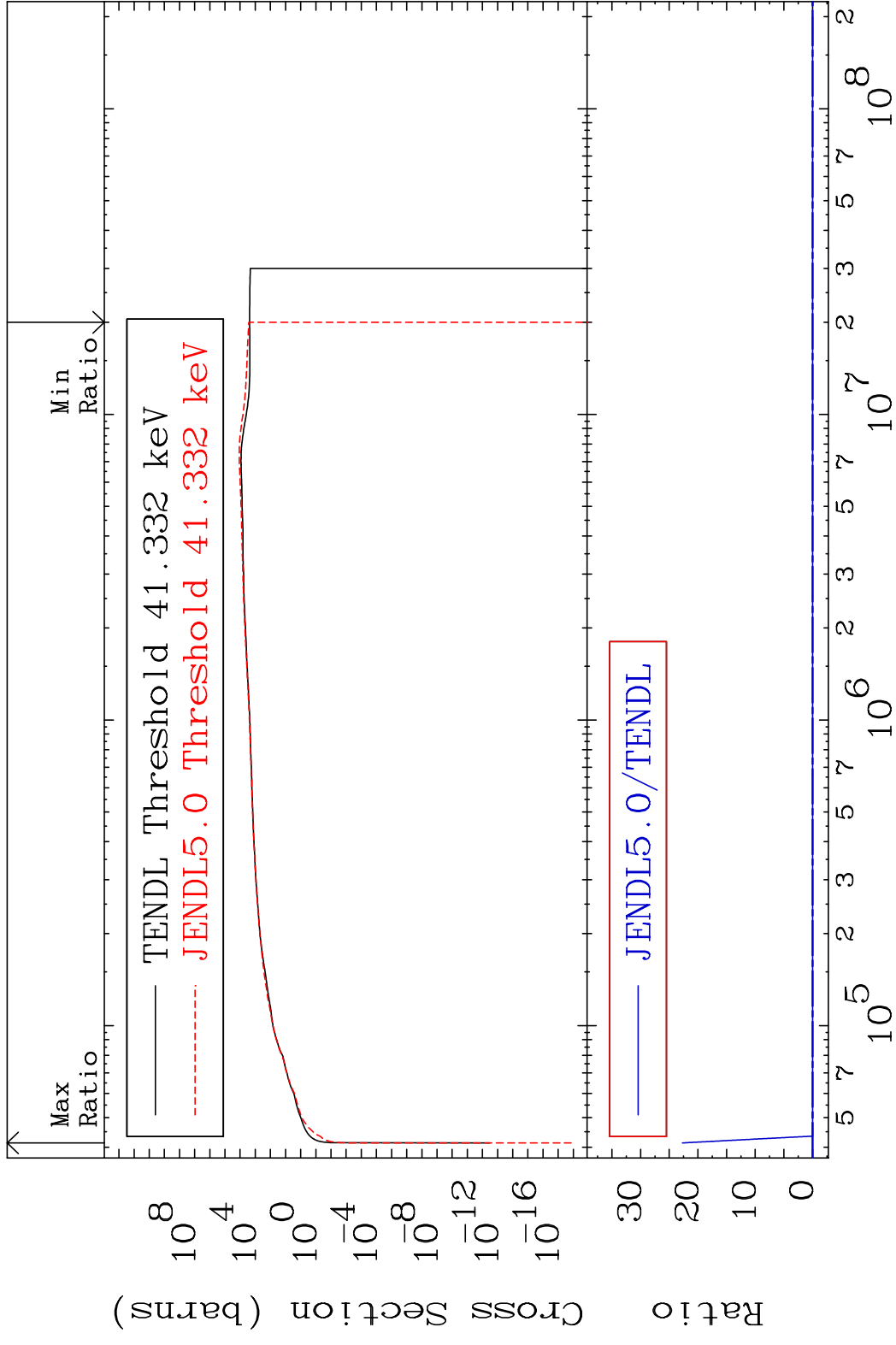


63

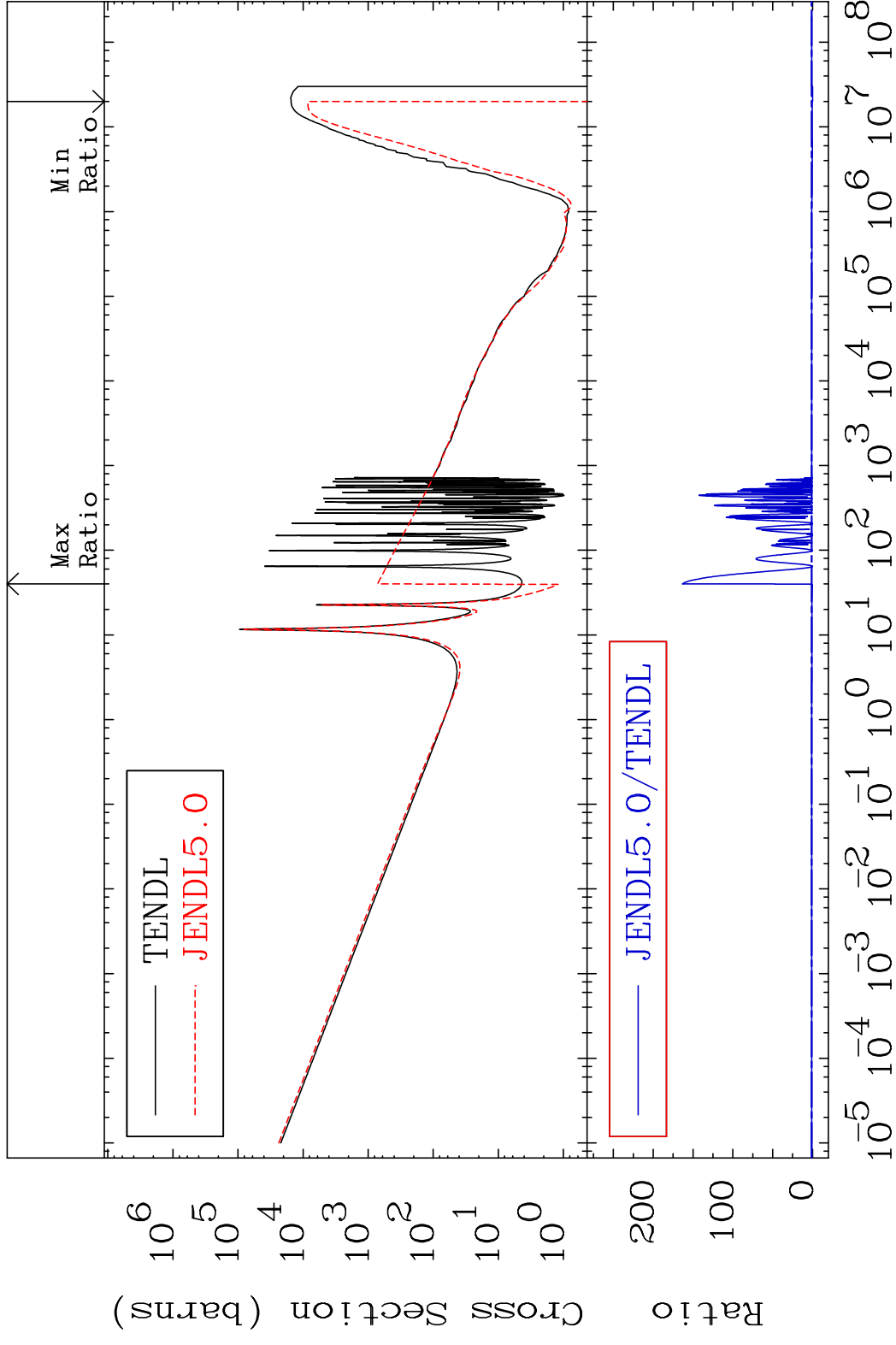
Incident Energy (eV)

41-Nb-94

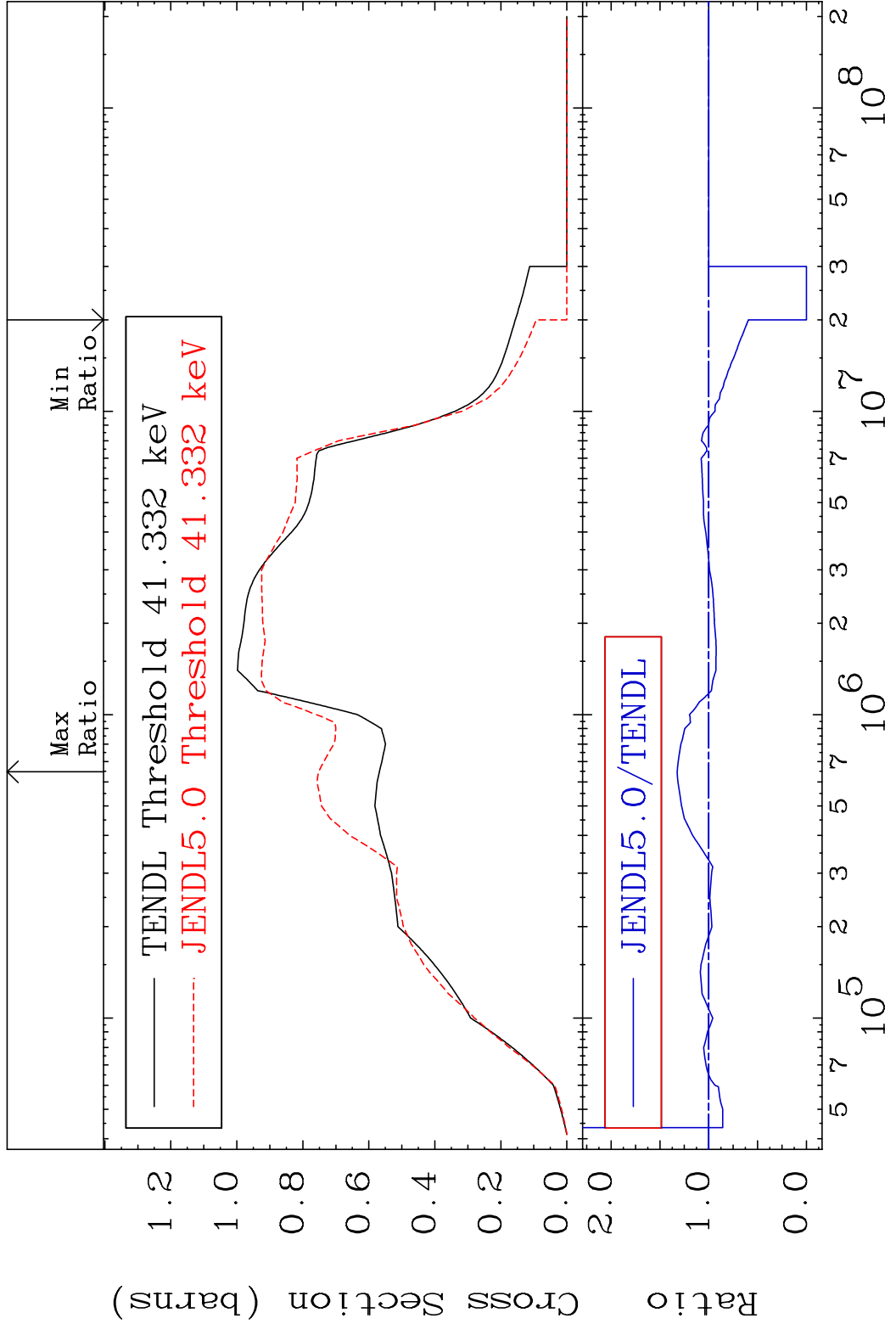
MAT 4128 Dpa inelastic (mt51-91) 41-Nb-94
 Cross Section -100.0 To 9999. %



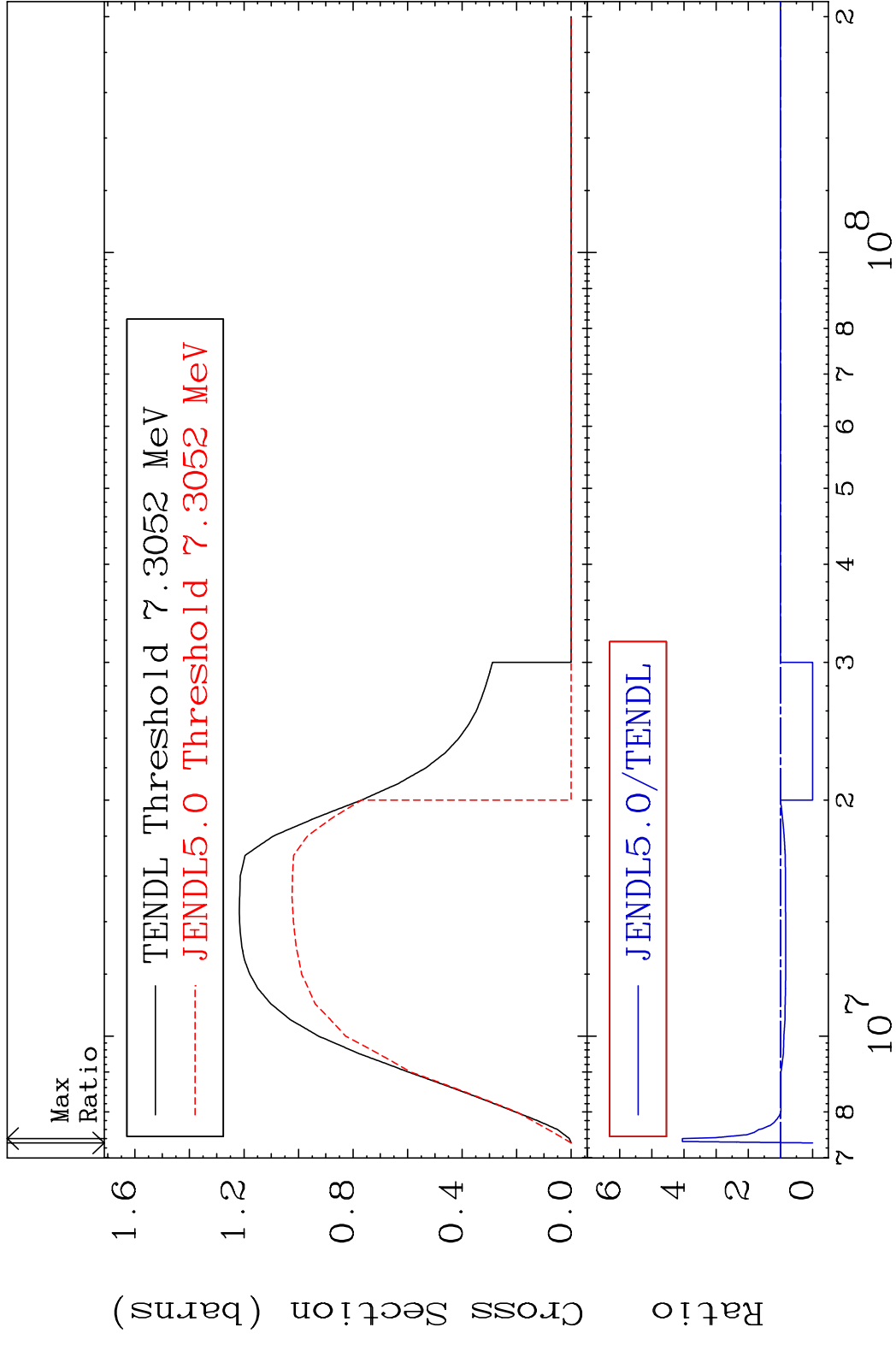
MAT 4128 Dpa disappearance (mt102 -120) 41-Nb-94
 Cross Section -100.0 To 9999. %



65 Incident Energy (eV) 41-Nb-94

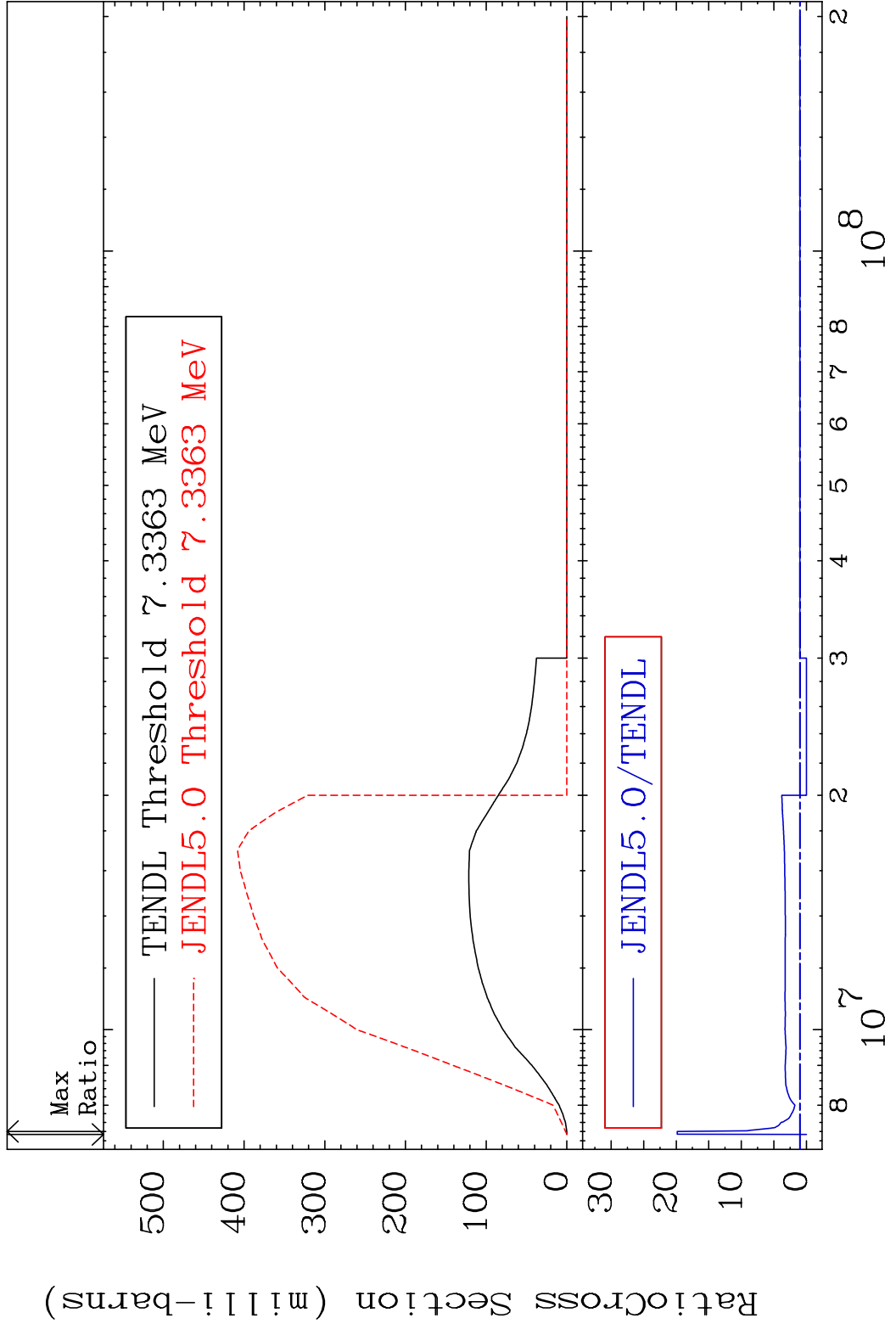


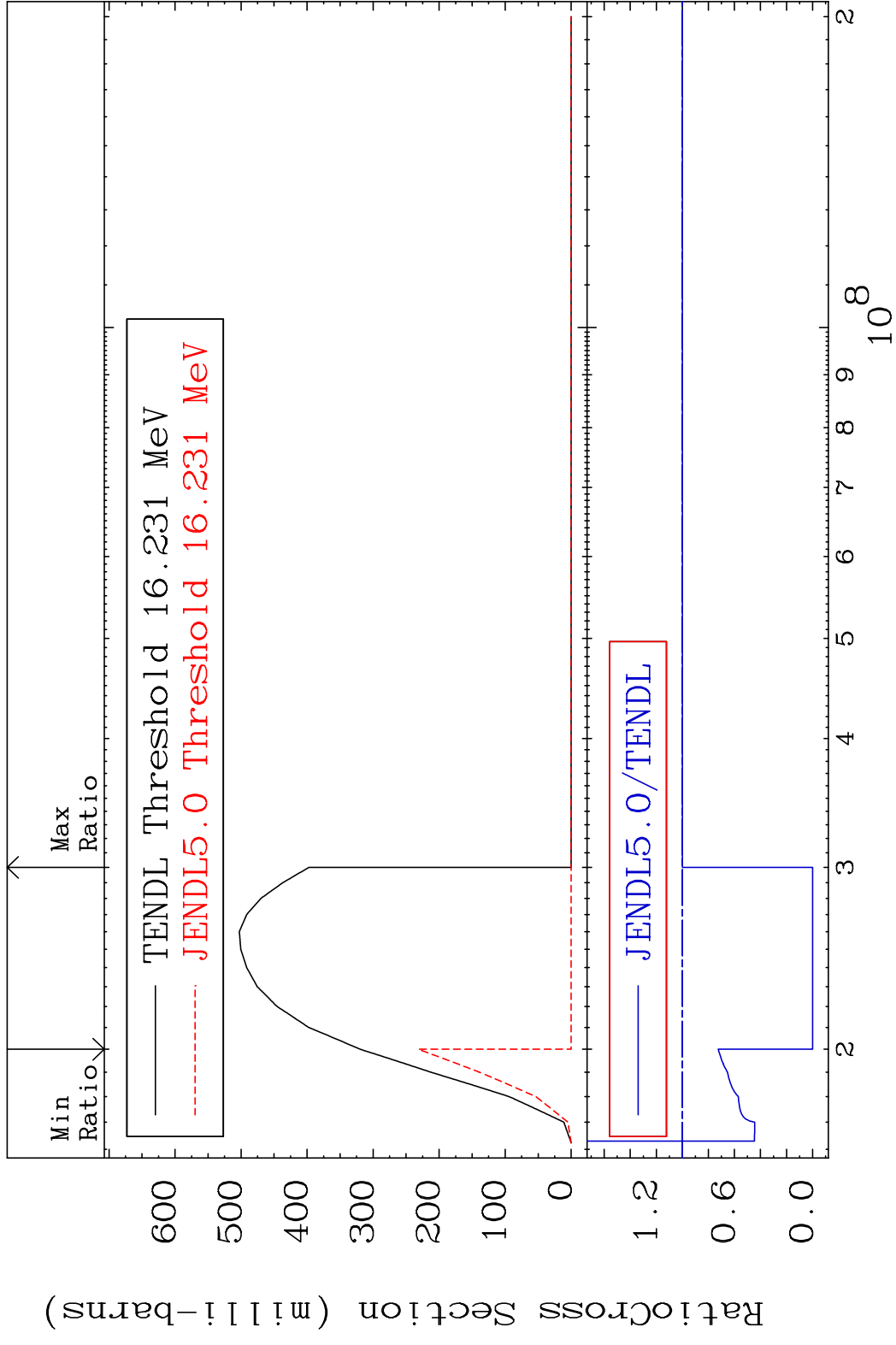
MAT 4128 (n,2n):41-Nb-93g 41-Nb-94
 Radionuclide Production Cross Section 180.0 dth 304.9 %



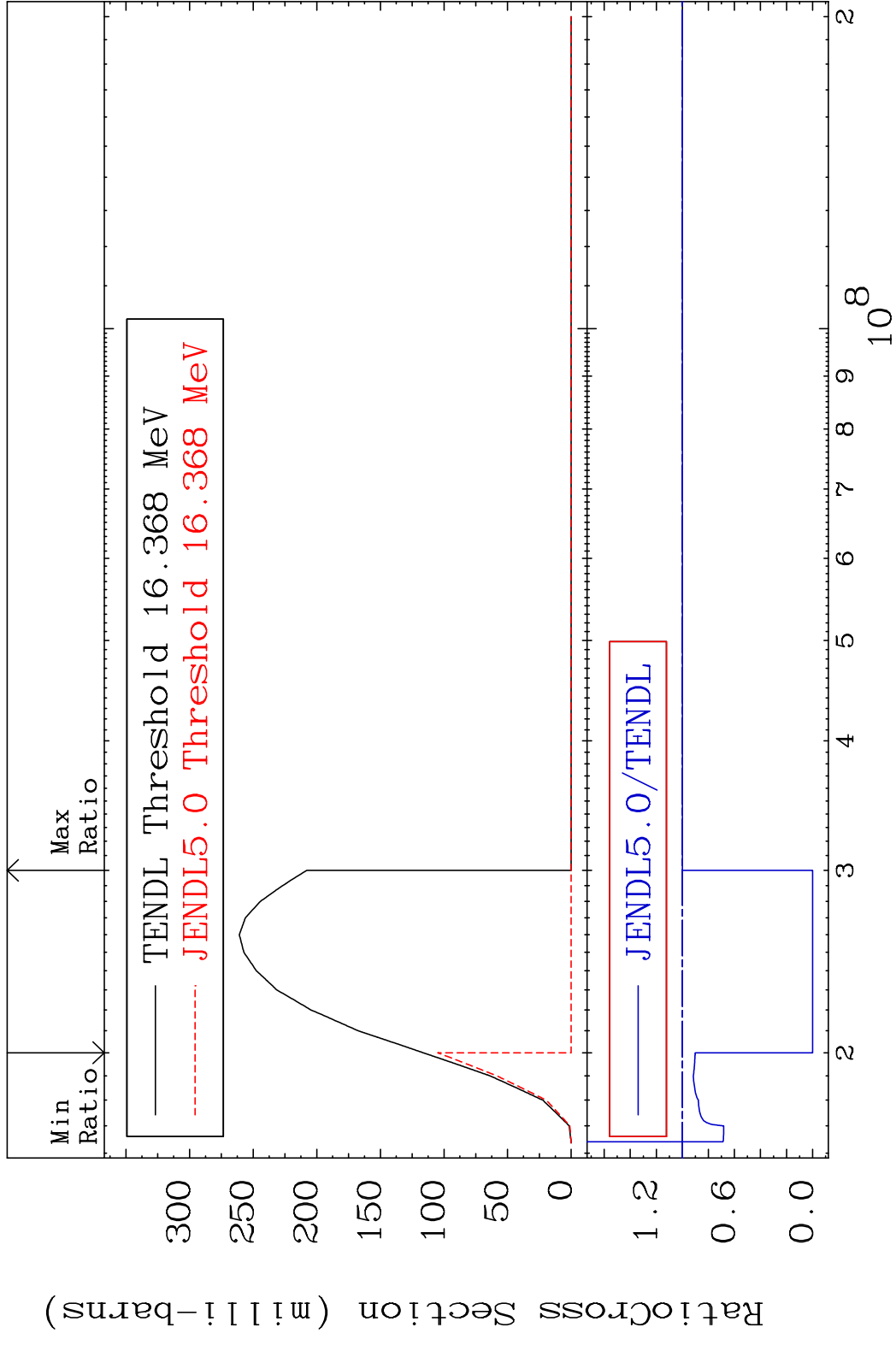
67 Incident Energy (eV) 41-Nb-94

MAT 4128 (n,2n):41-Nb-93m1 41-Nb-94
 Radionuclide Production Cross Section 1885.0 %





MAT 4128 (n,3n):41-Nb-92m1 41-Nb-94
 Radionuclide Production Cross Section Ratio 0.000 %



MAT 4128 (n, n') α :39-Y -90g 41-Nb-94
 Radionuclide Production Cross Section Ratio 9999. %

