

Program Complot
(Version 2021-1)

by

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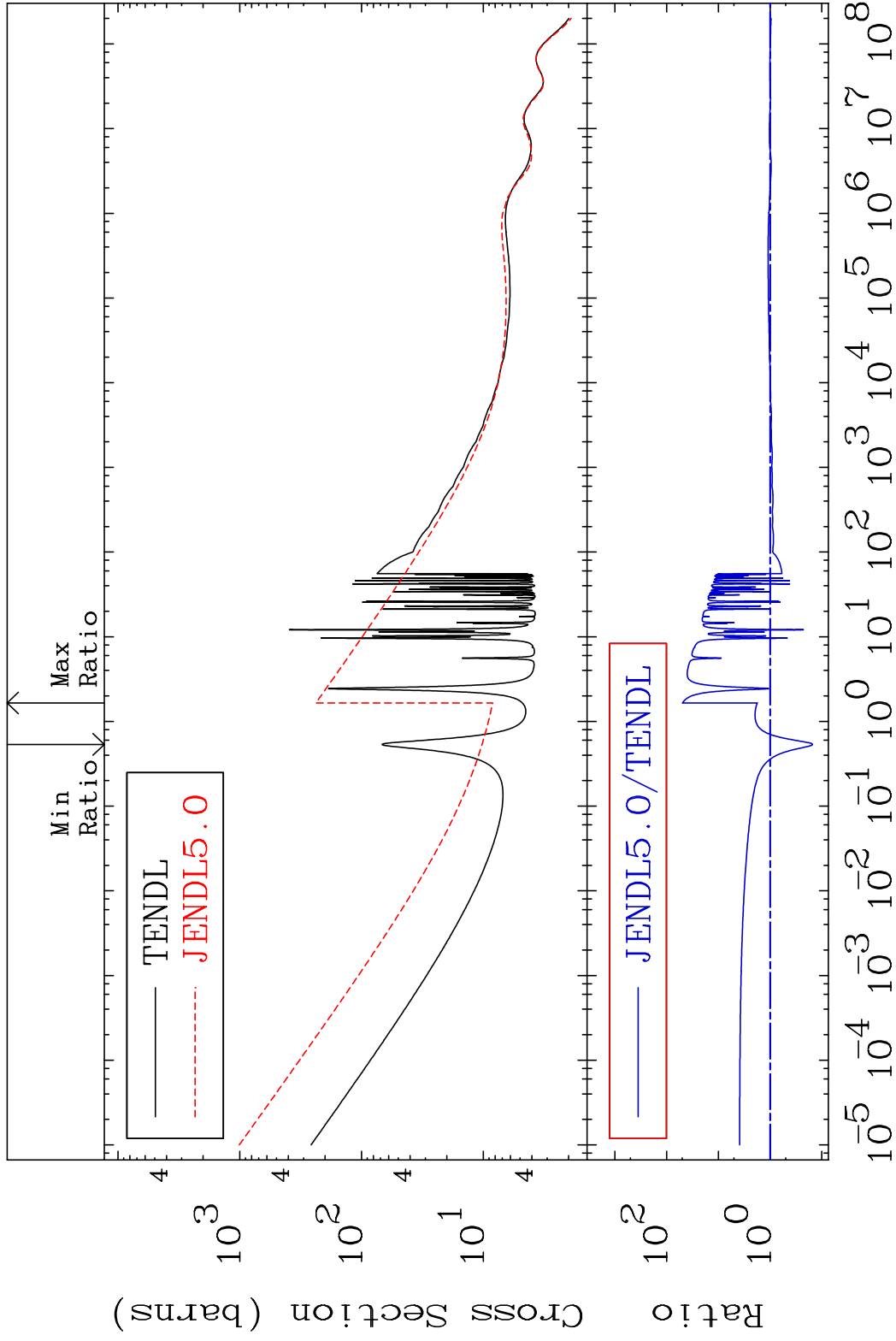
Press Mouse Button to Start

MAT 5123

Total

51-Sb-120m

Cross Section -84.89 To 4852. %



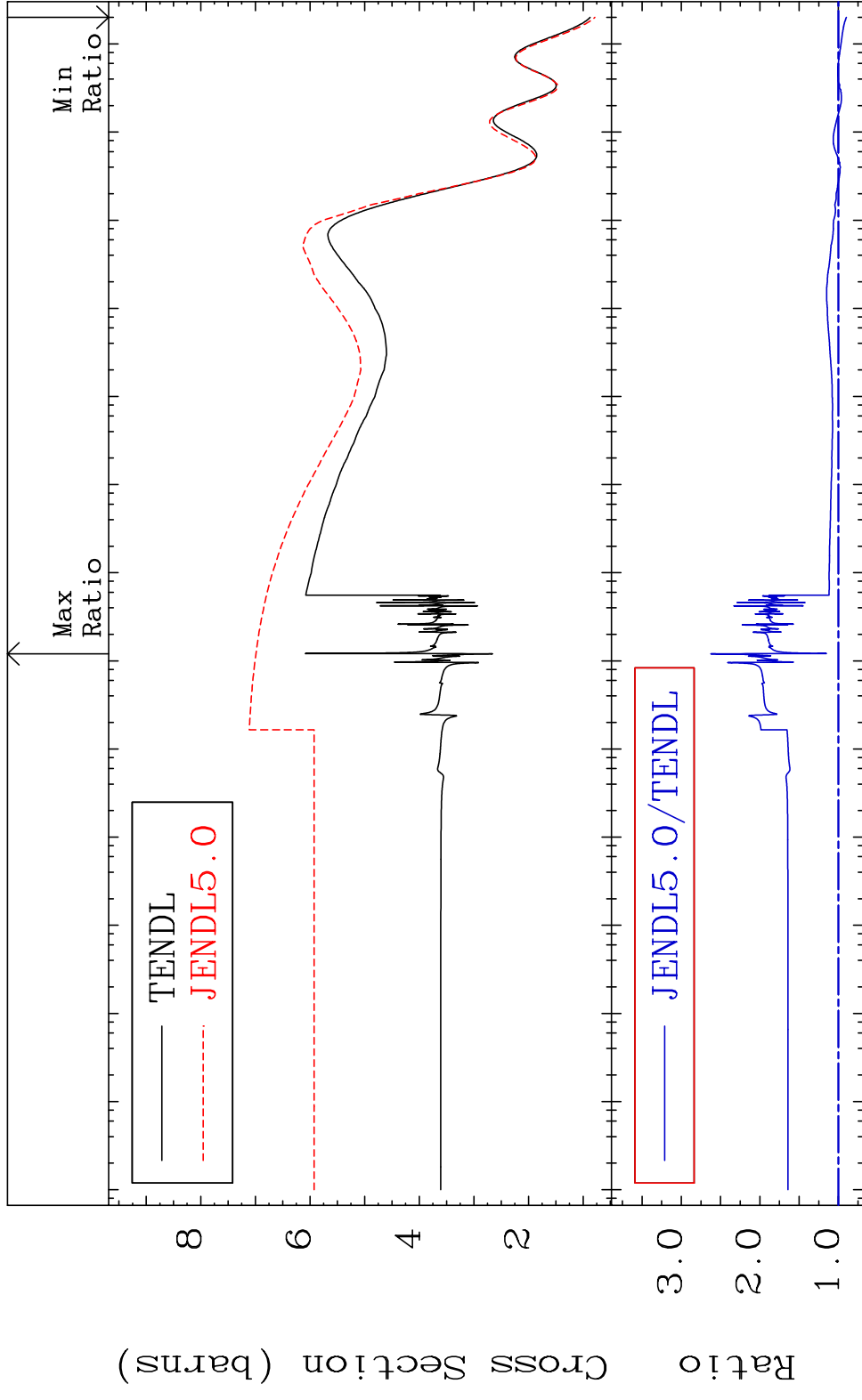
1

Incident Energy (eV)

51-Sb-120m

MAT 5123

Elastic Cross Section -10.07 To 162.6 %
51-Sb-120m



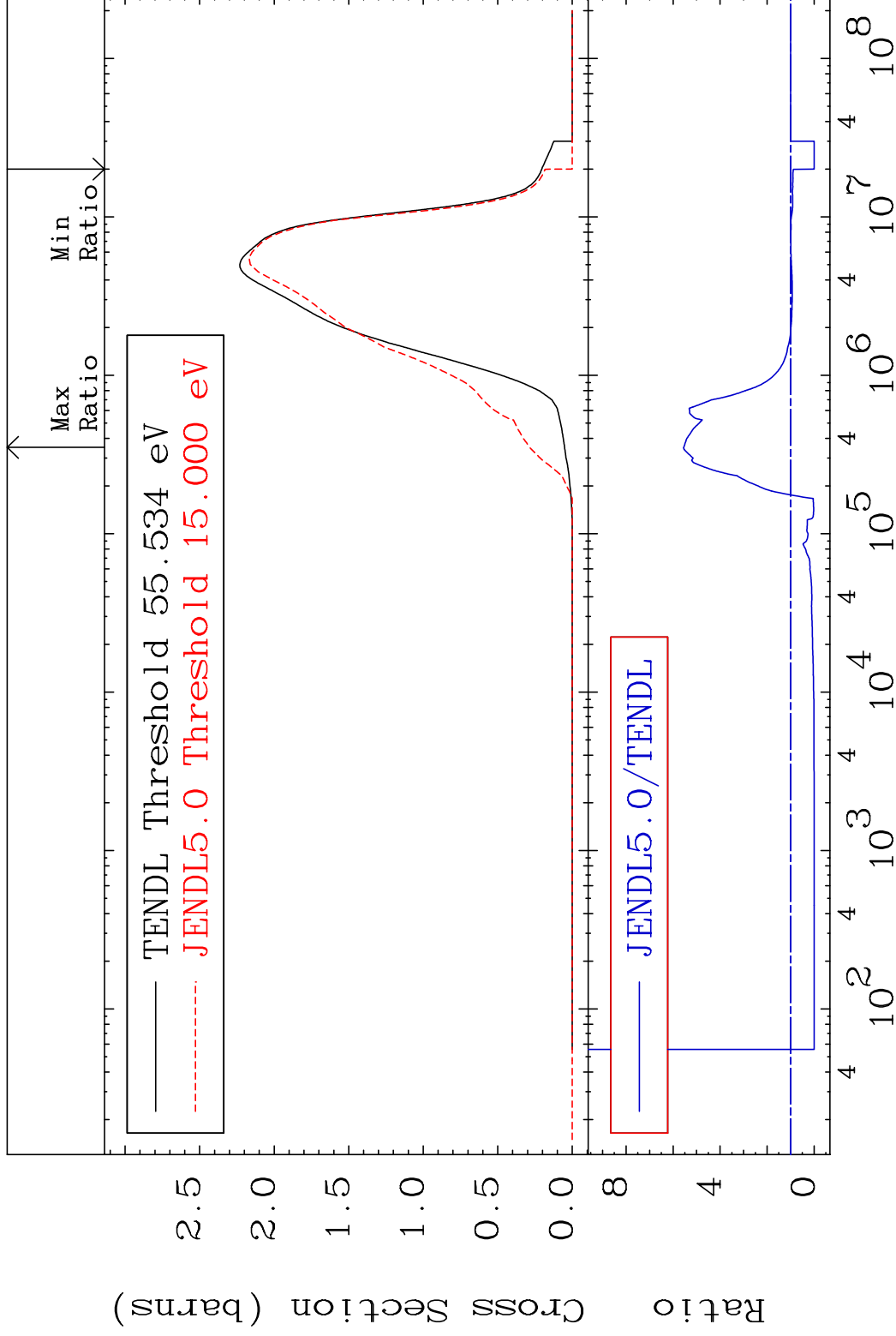
Incident Energy (eV) 51-Sb-120m

MAT 5123

Inelastic

51-Sb-120m

Cross Section -100.0 To 455.0 %



3

Incident Energy (eV)

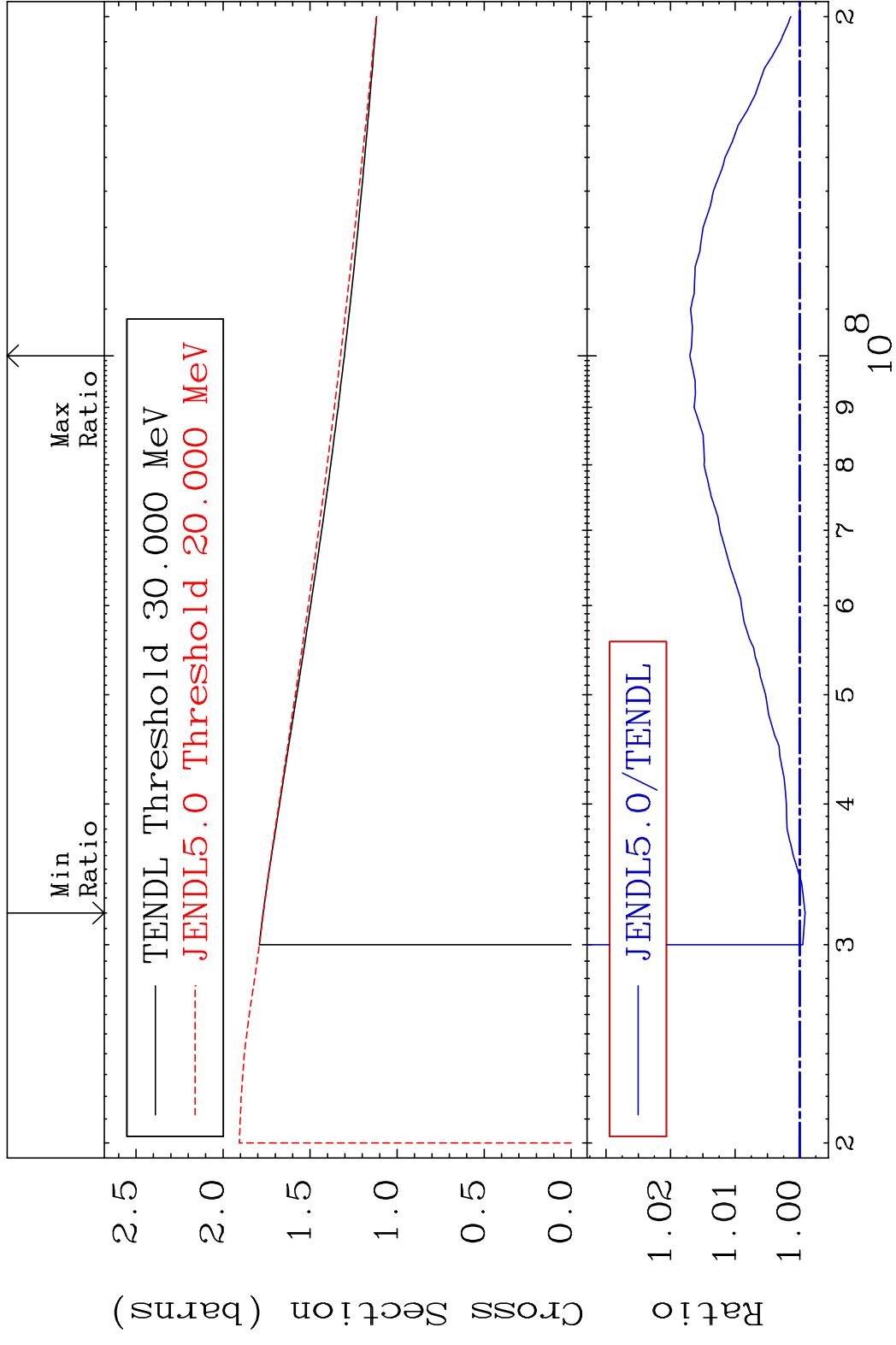
51-Sb-120m

MAT 5123

(n, remainder)

51-Sb-120m

Cross Section -0.083 To 1.702 %

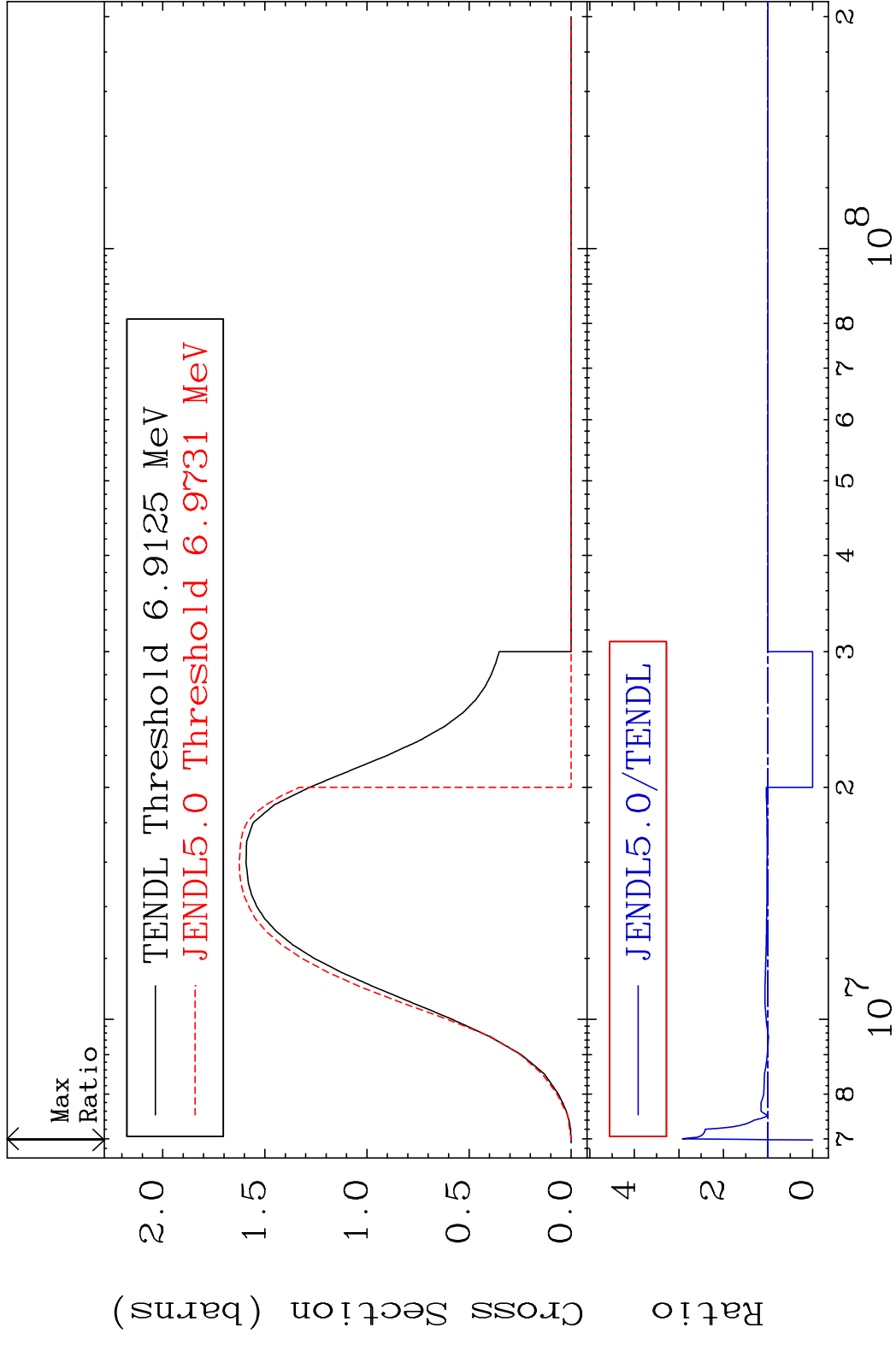


MAT 5123

(n,2n)

51-Sb-120m

Cross Section -100.0 To 192.3 %

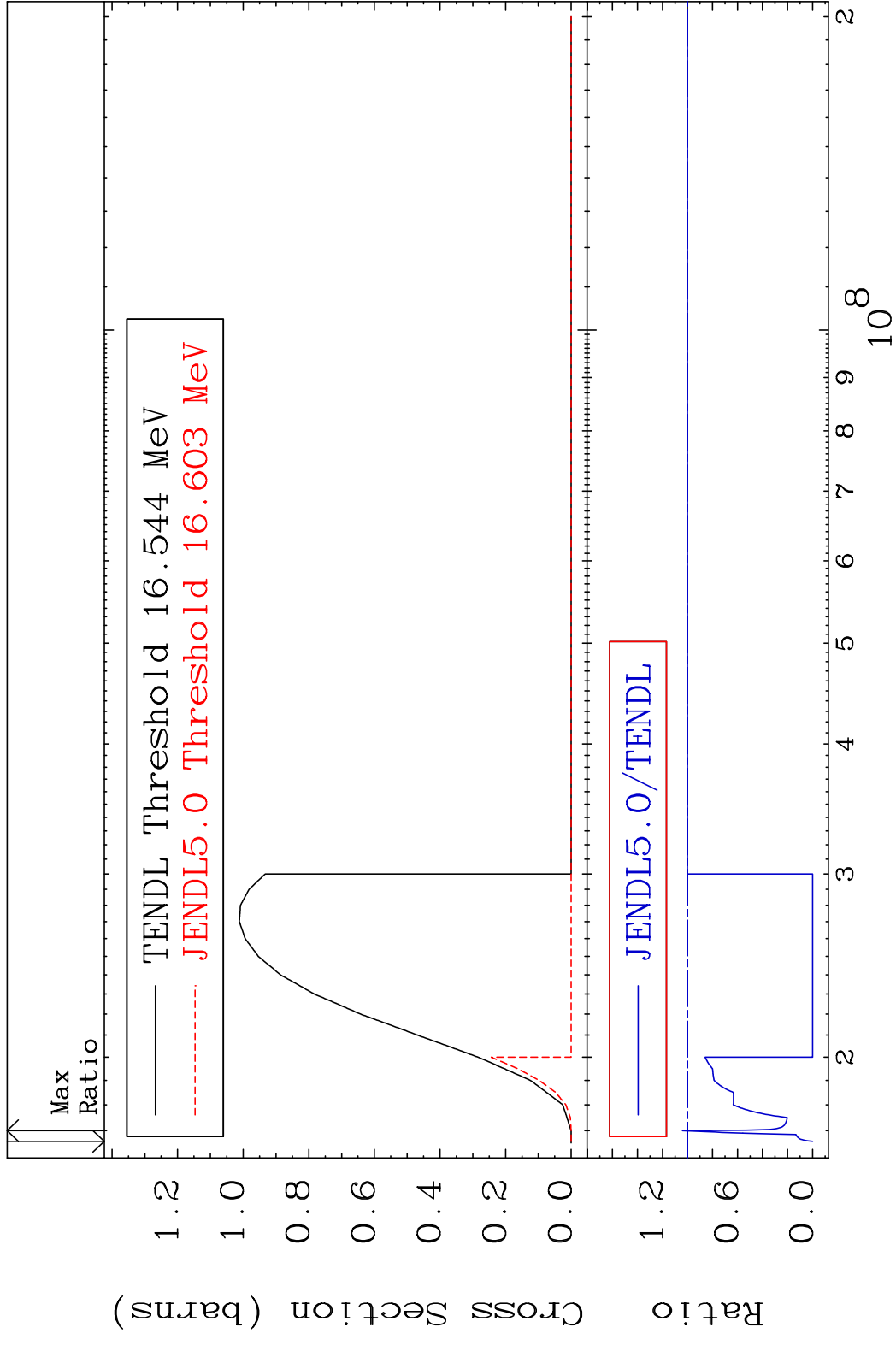


5

Incident Energy (eV)

51-Sb-120m

MAT 5123 (n,3n) 51-Sb-120m
 Cross Section -100.0 To 4.106 %

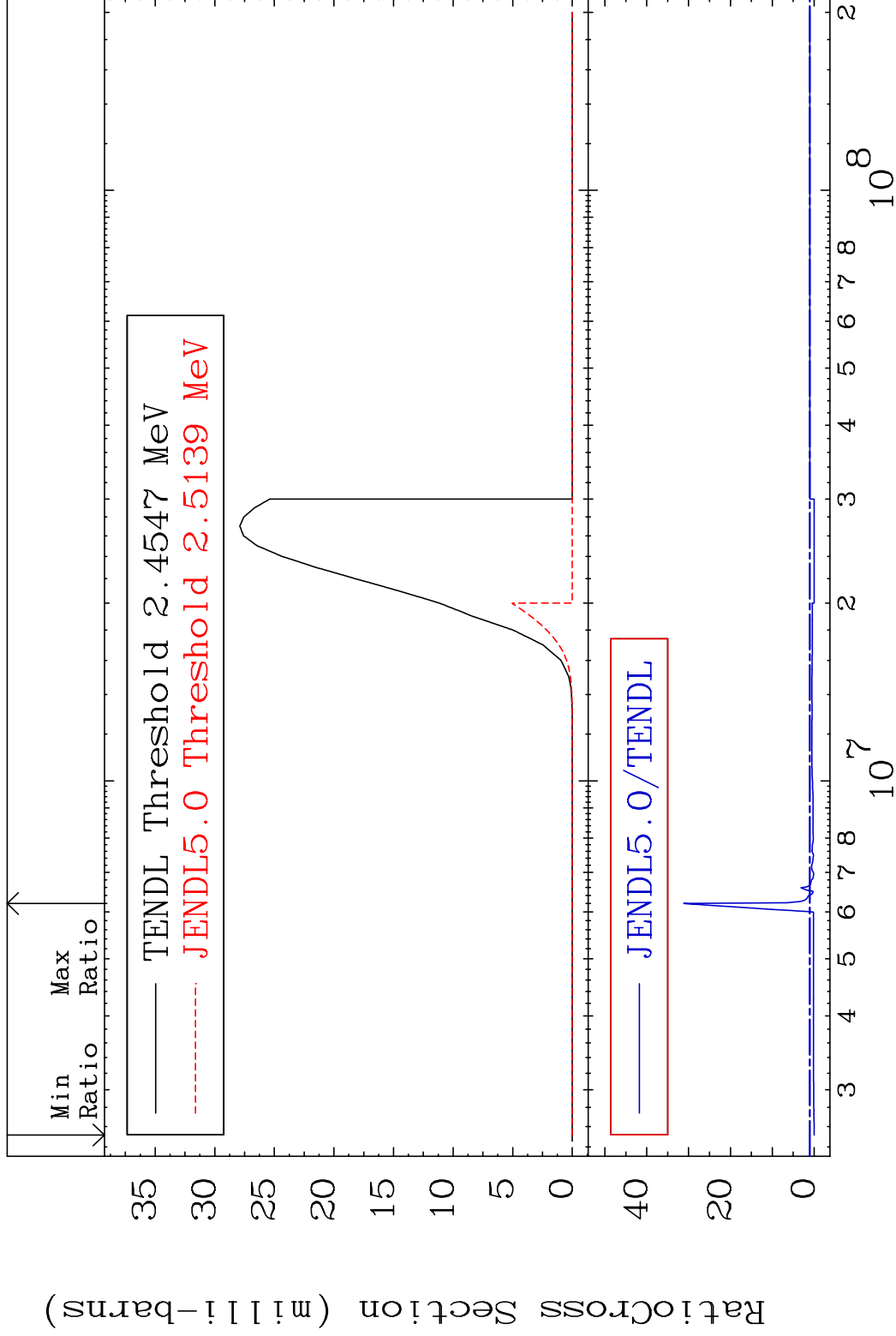


MAT 5123

(n, n') α

51-Sb-120m

Cross Section -100.0 To 3017. %



7

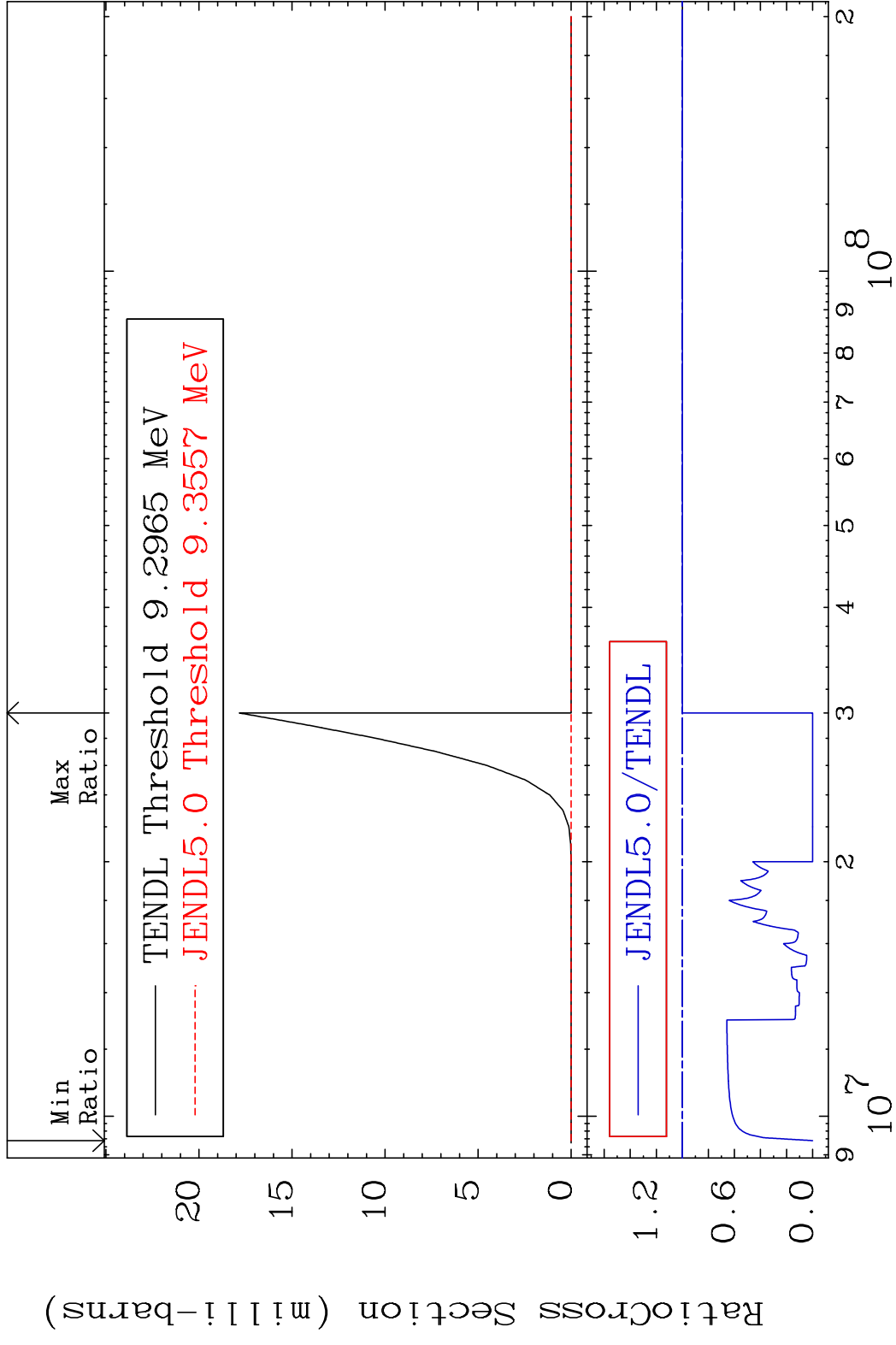
Incident Energy (eV)

51-Sb-120m

MAT 5123

(n,2n) α 51-Sb-120m

Cross Section -100.0 To 0.000 %



8

Incident Energy (eV)

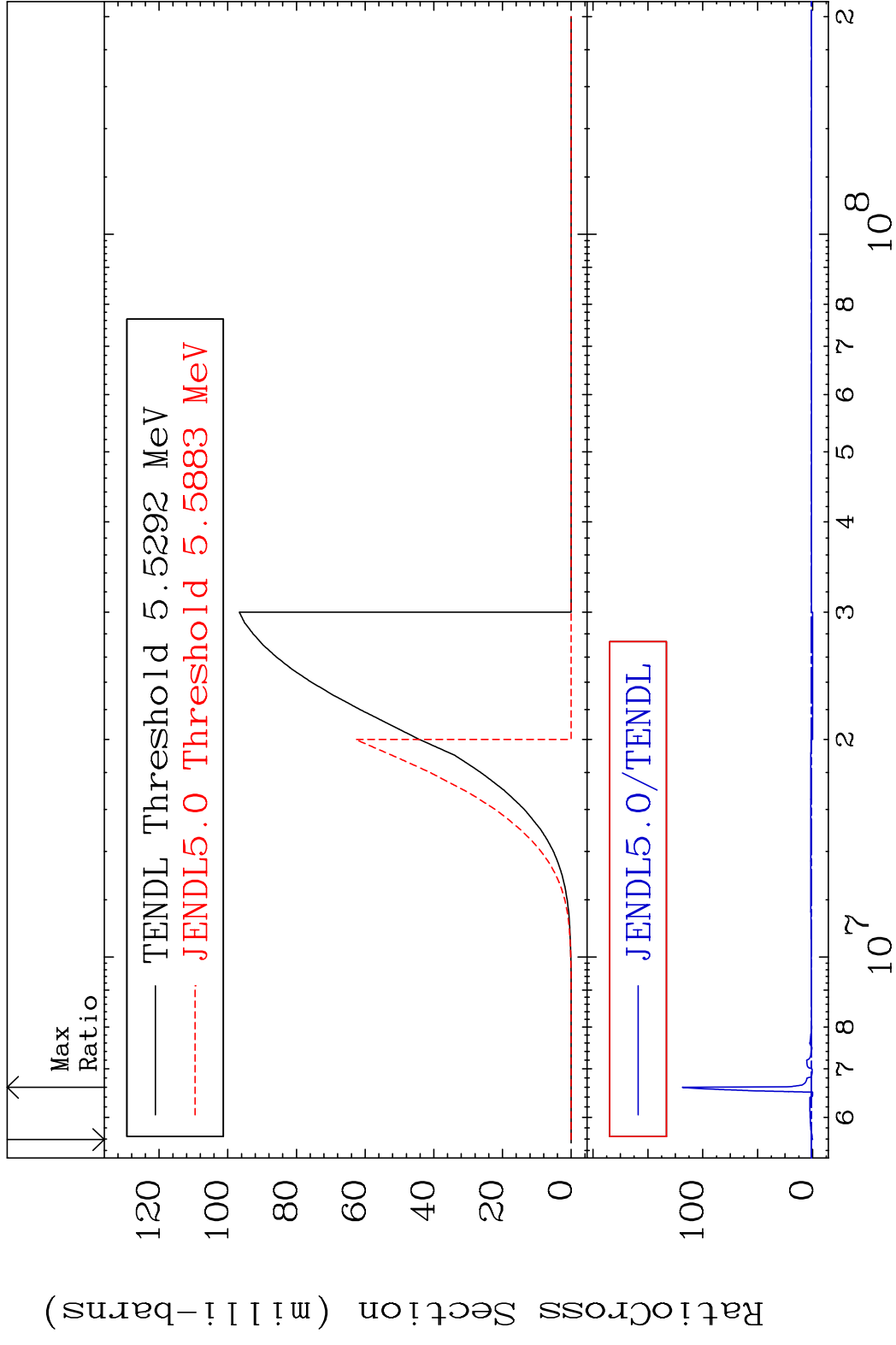
51-Sb-120m

MAT 5123

(n, n') p

51-Sb-120m

Cross Section -100.0 To 9999. %



9

Incident Energy (eV)

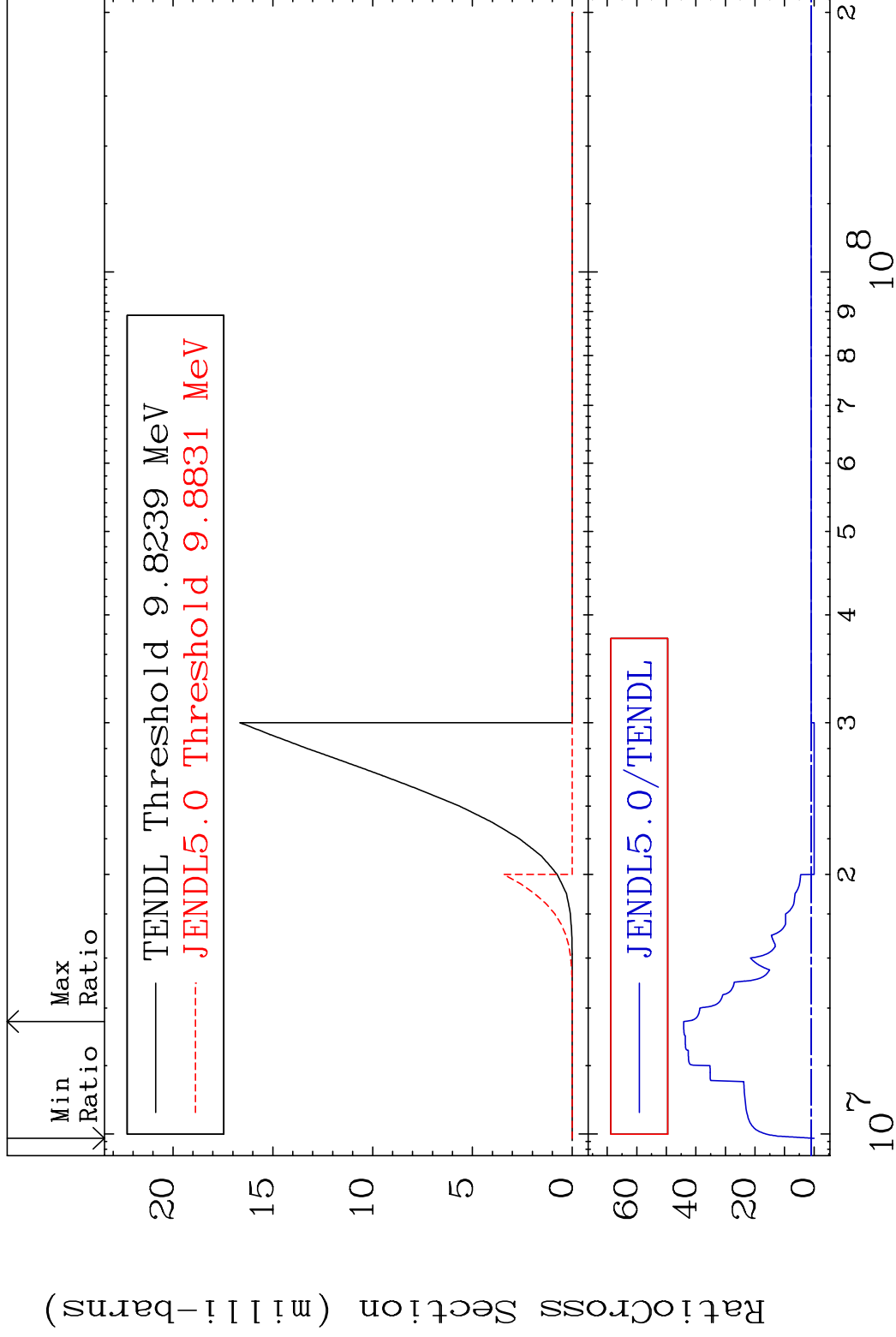
51-Sb-120m

MAT 5123

(n, n') d

51-Sb-120m

Cross Section -100.0 To 4314. %

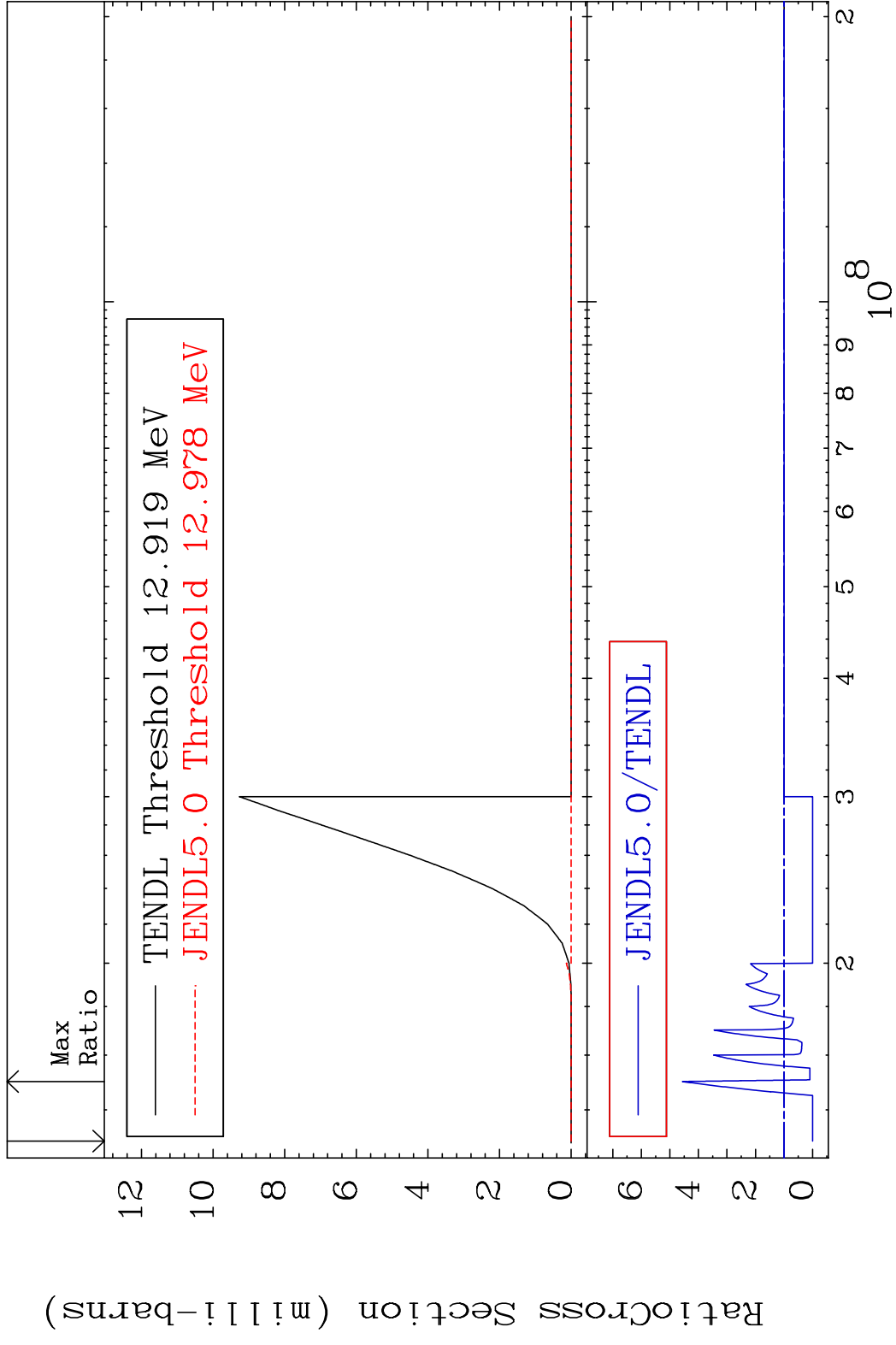


10

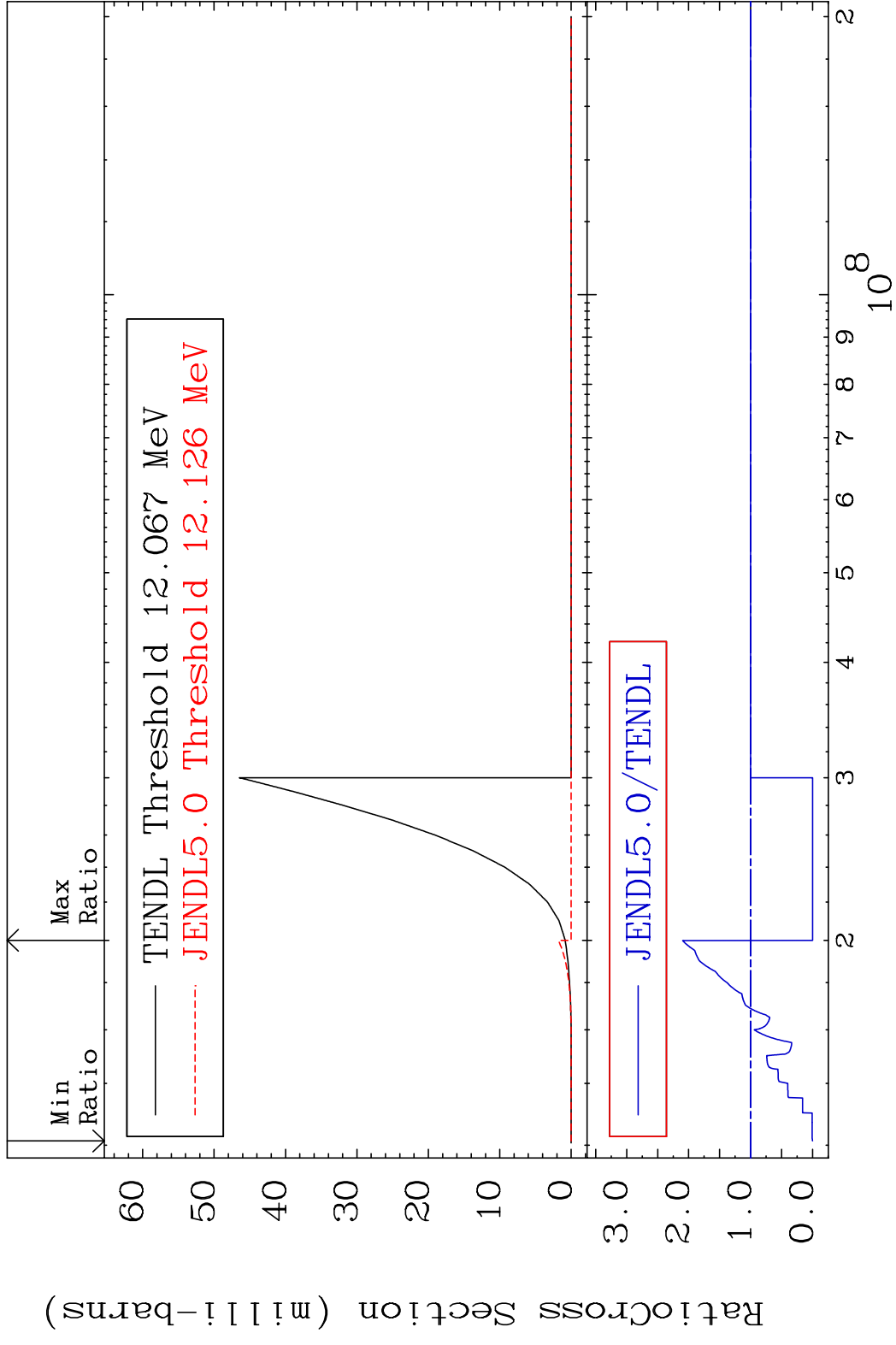
Incident Energy (eV)

51-Sb-120m

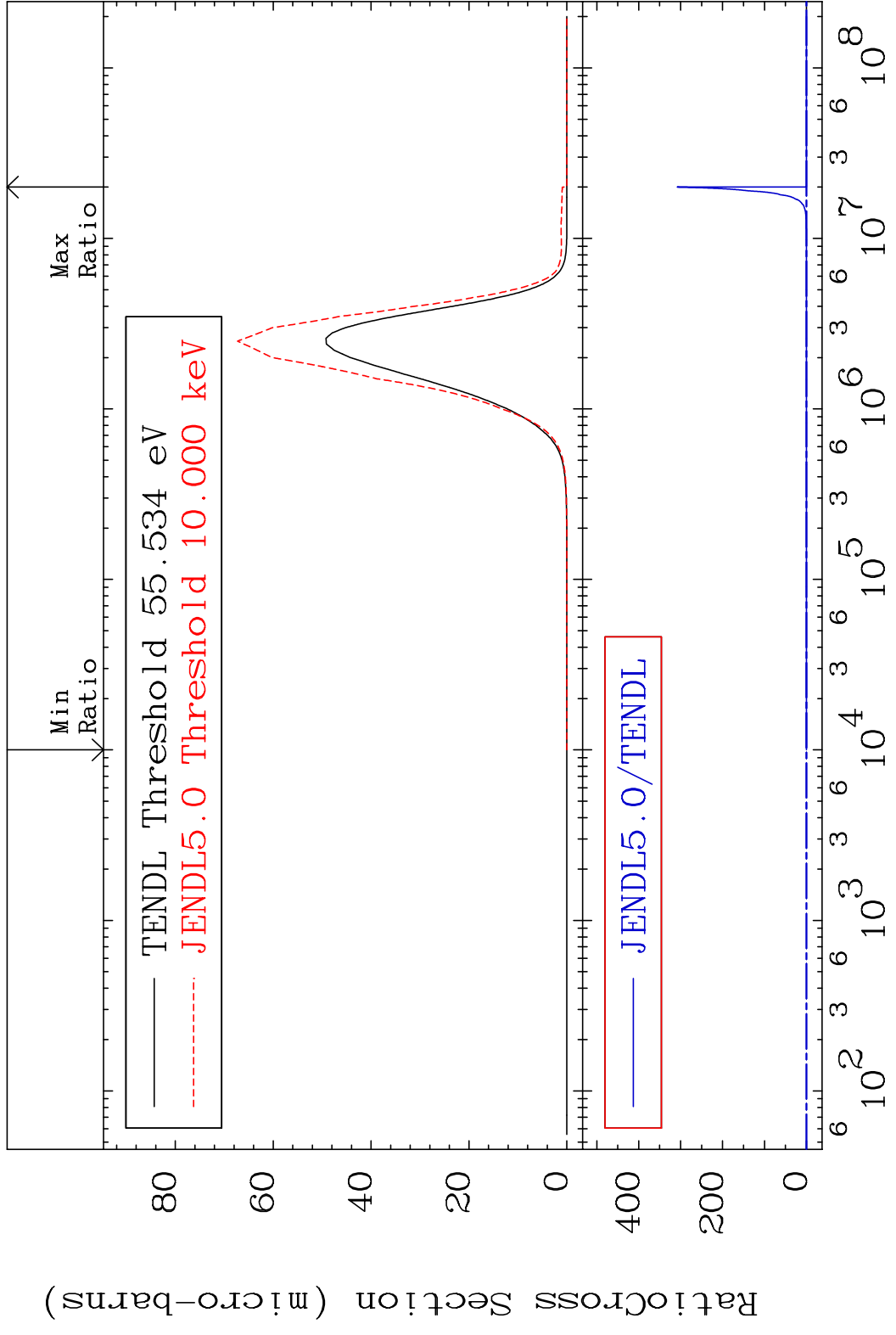
MAT 5123 (n, n') t 51-Sb-120m
 Cross Section -100.0 To 356.3 %



MAT 5123 (n,2n) p 51-Sb-120m
 Cross Section -100.0 To 110.2 %

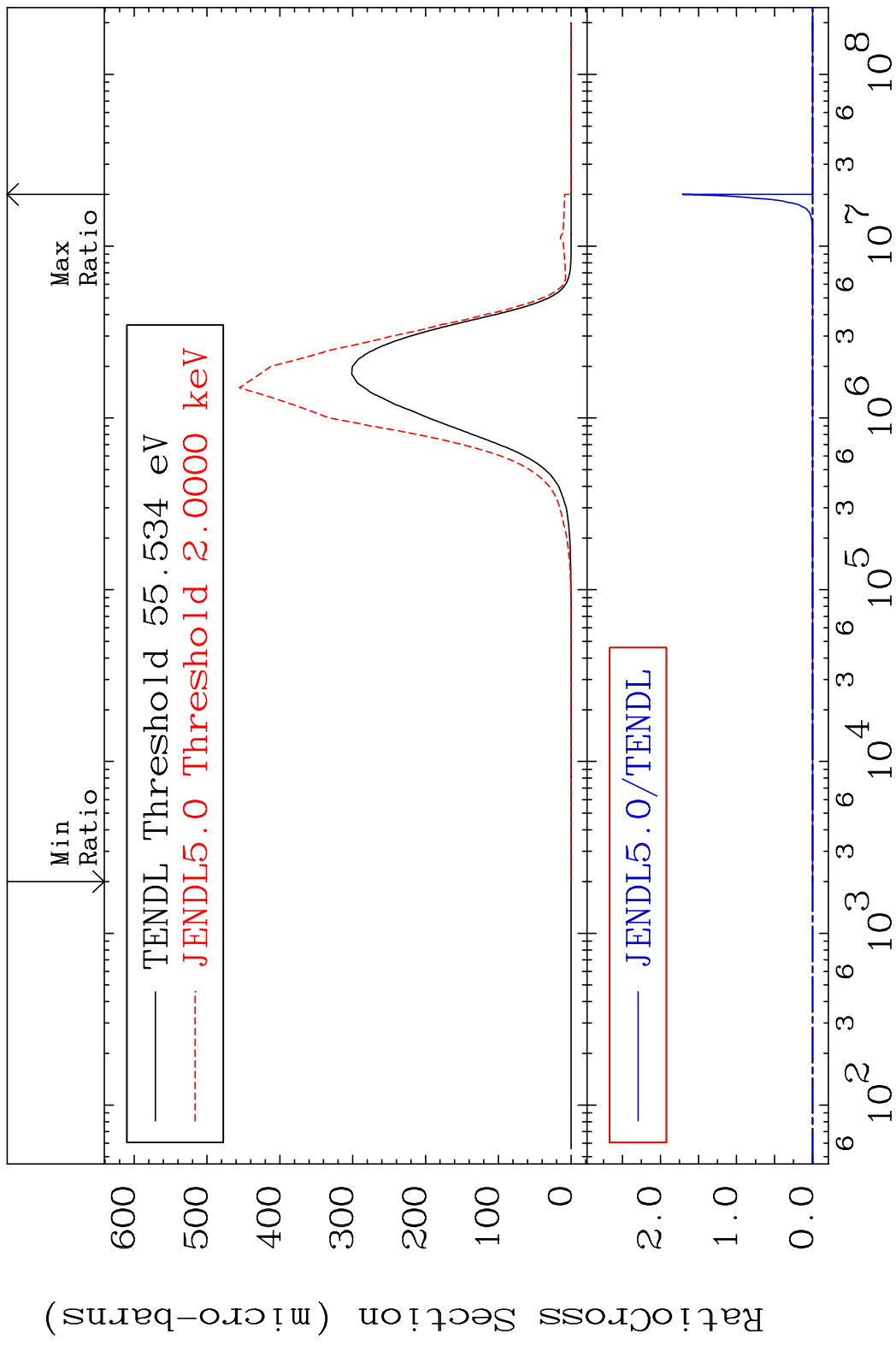


MAT 5123 MT= 51 (n, n') Level 51-Sb-120m
 Cross Section -100.0 To 9999. %

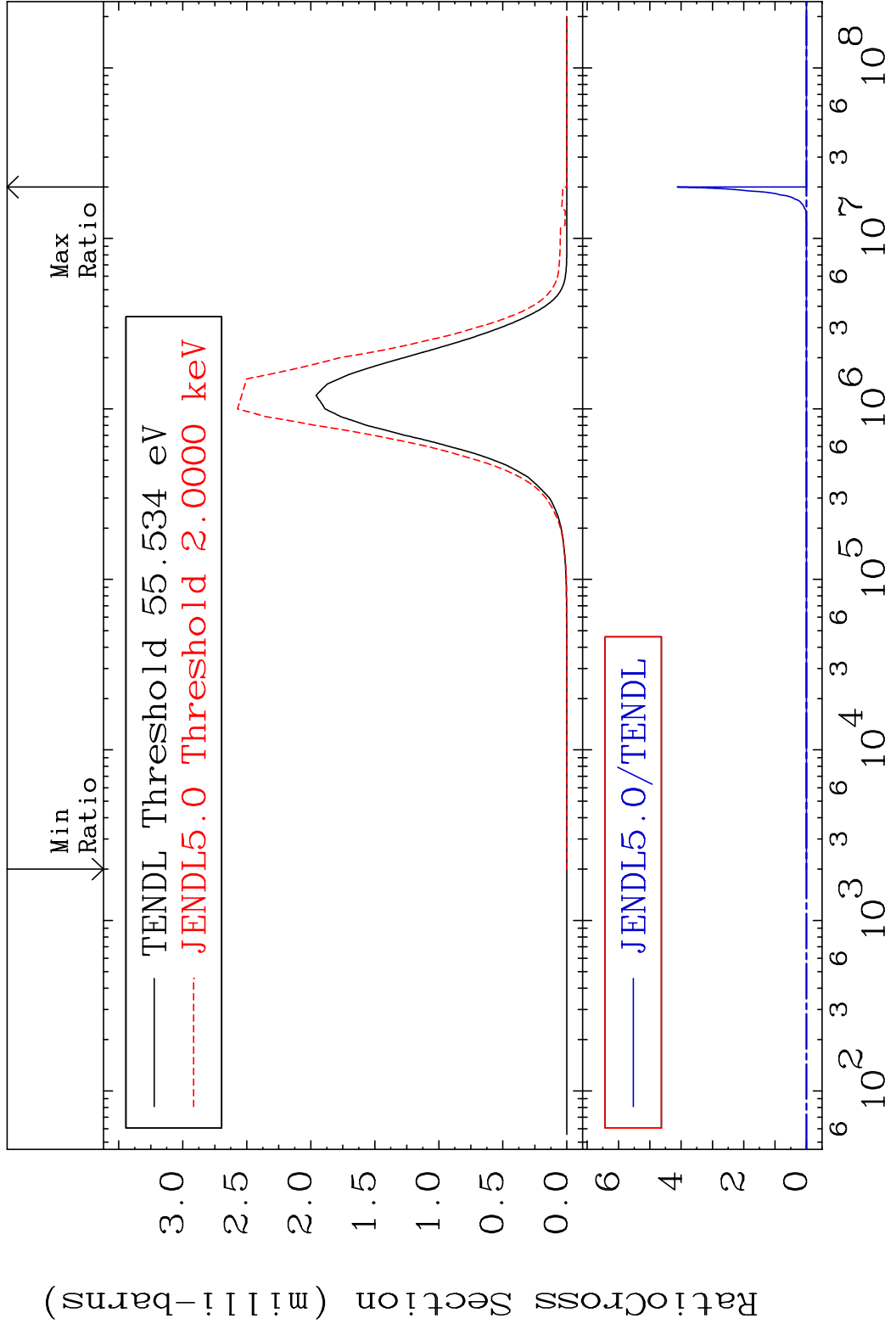


13 Incident Energy (eV) 51-Sb-120m

MAT 5123 MT= 52 (n, n') Level 51-Sb-120m
 Cross Section -100.0 To 9999. %

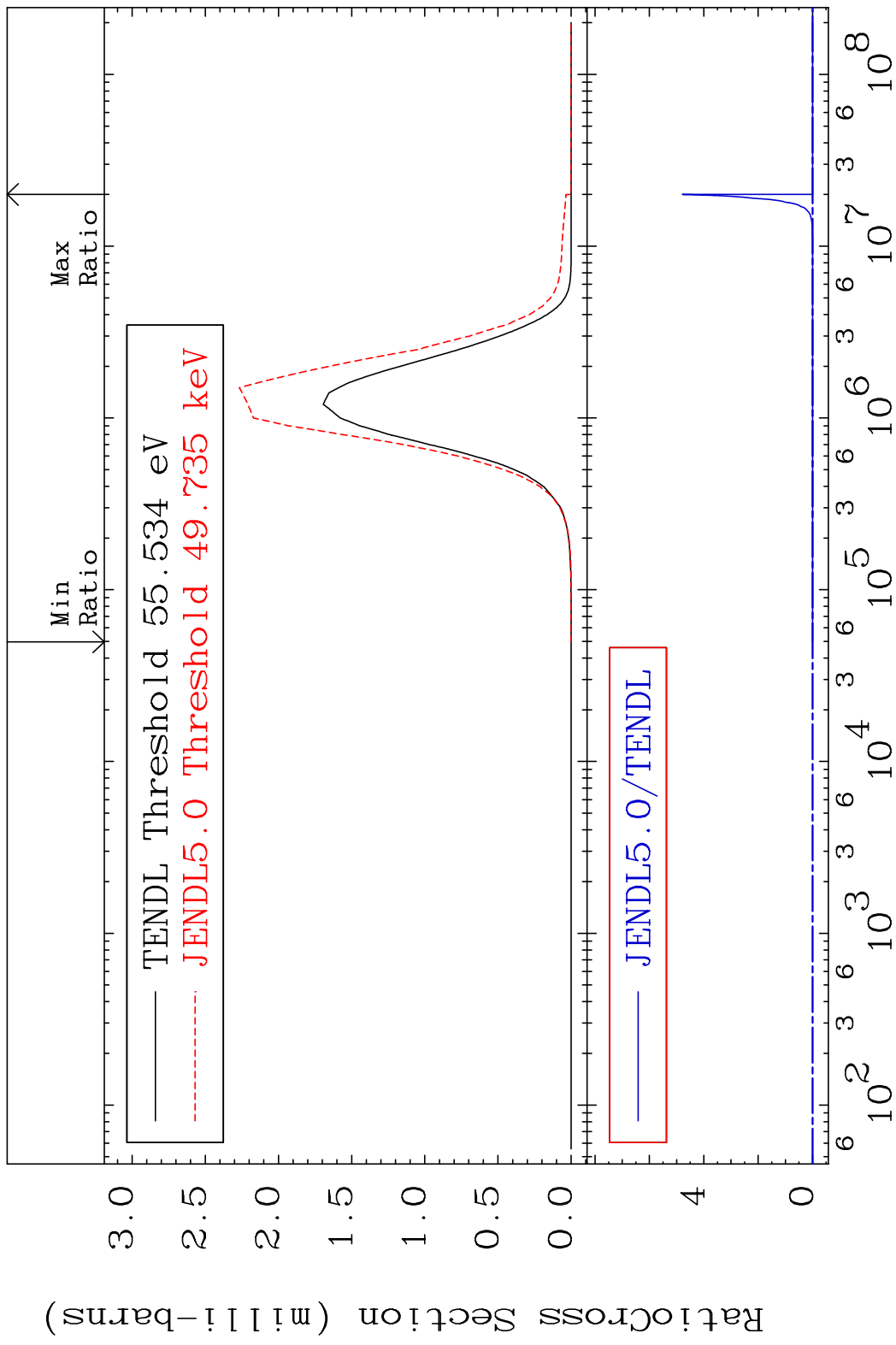


MAT 5123 MT= 53 (n, n') Level 51-Sb-120m
 Cross Section -100.0 To 9999. %



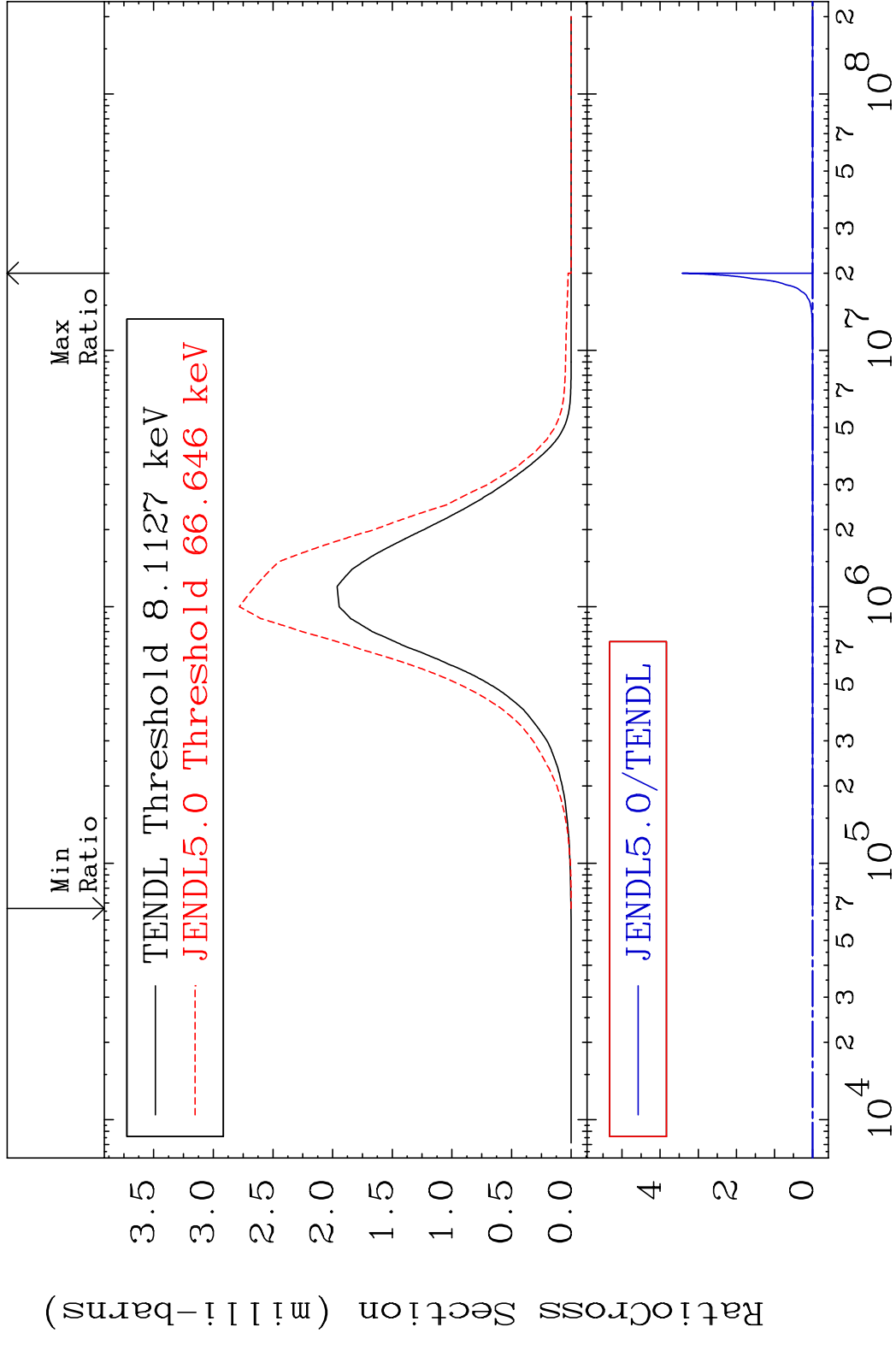
15 51-Sb-120m

MAT 5123 MT= 54 (n, n') Level 51-Sb-120m
 Cross Section -100.0 To 9999. %



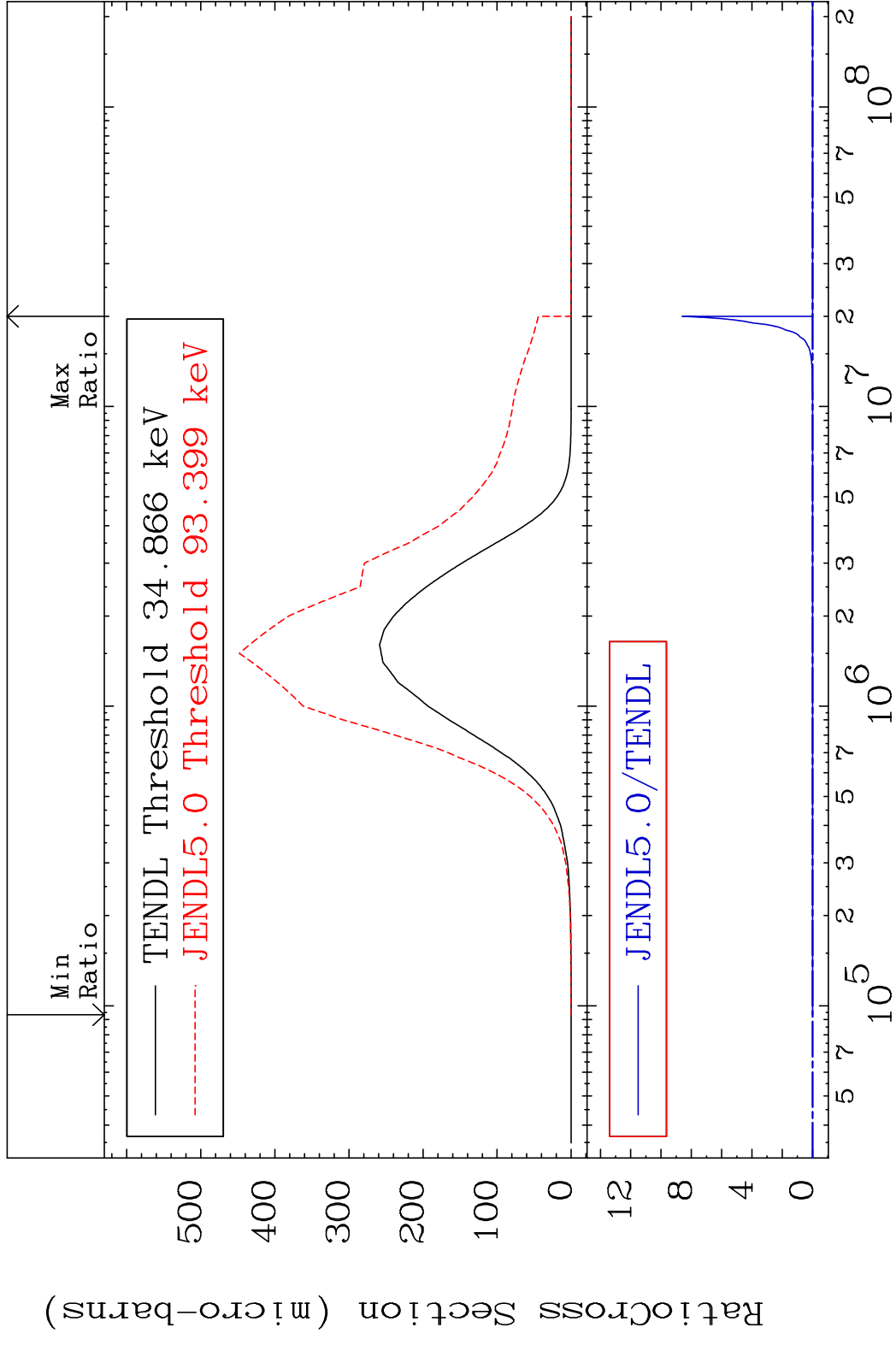
16 Incident Energy (eV) 51-Sb-120m

MAT 5123 MT= 55 (n, n') Level 51-Sb-120m
 Cross Section -100.0 To 9999. %



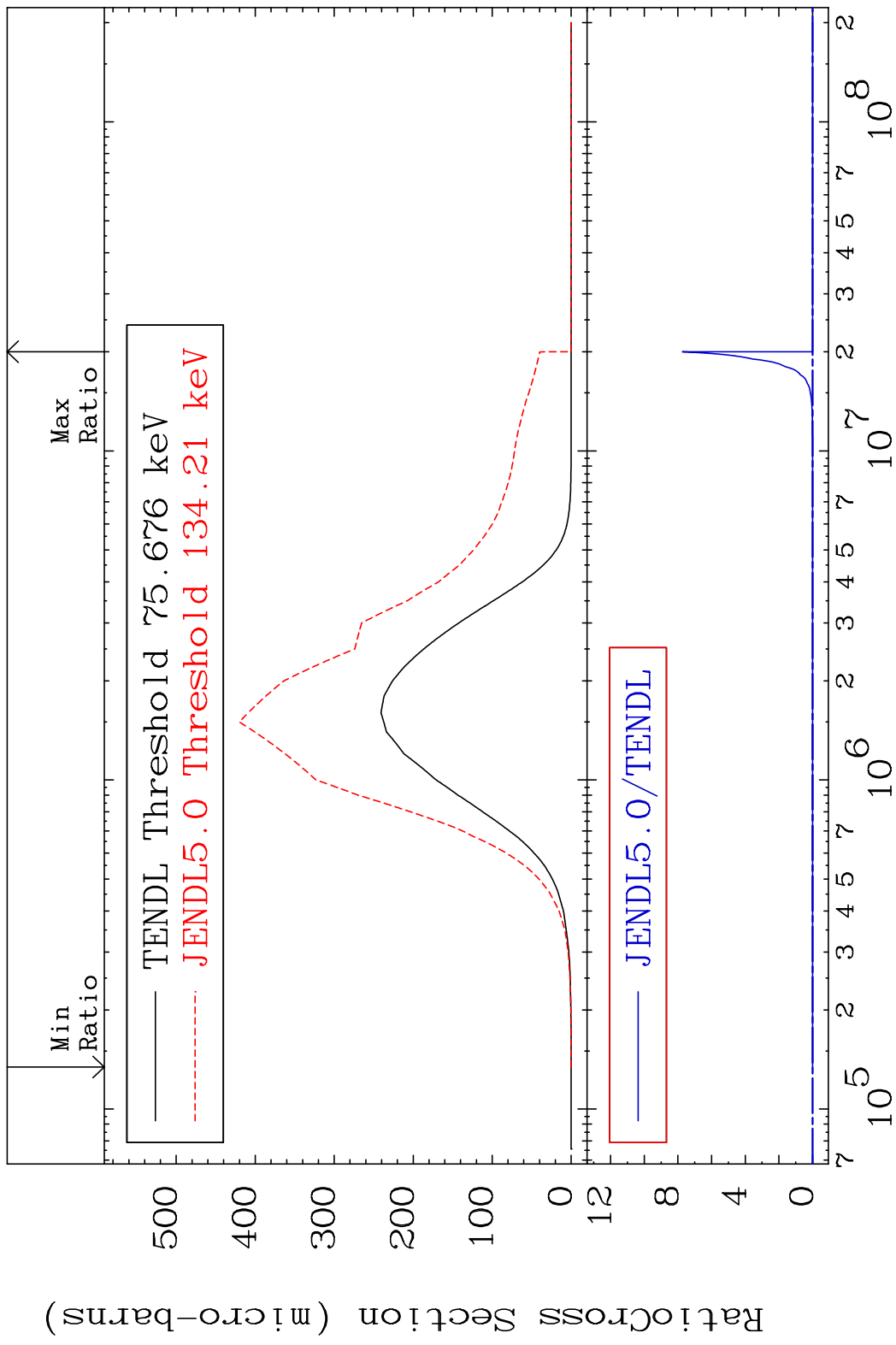
17 Incident Energy (eV) 51-Sb-120m

MAT 5123 MT= 56 (n, n') Level 51-Sb-120m
 Cross Section -100.0 To 9999. %



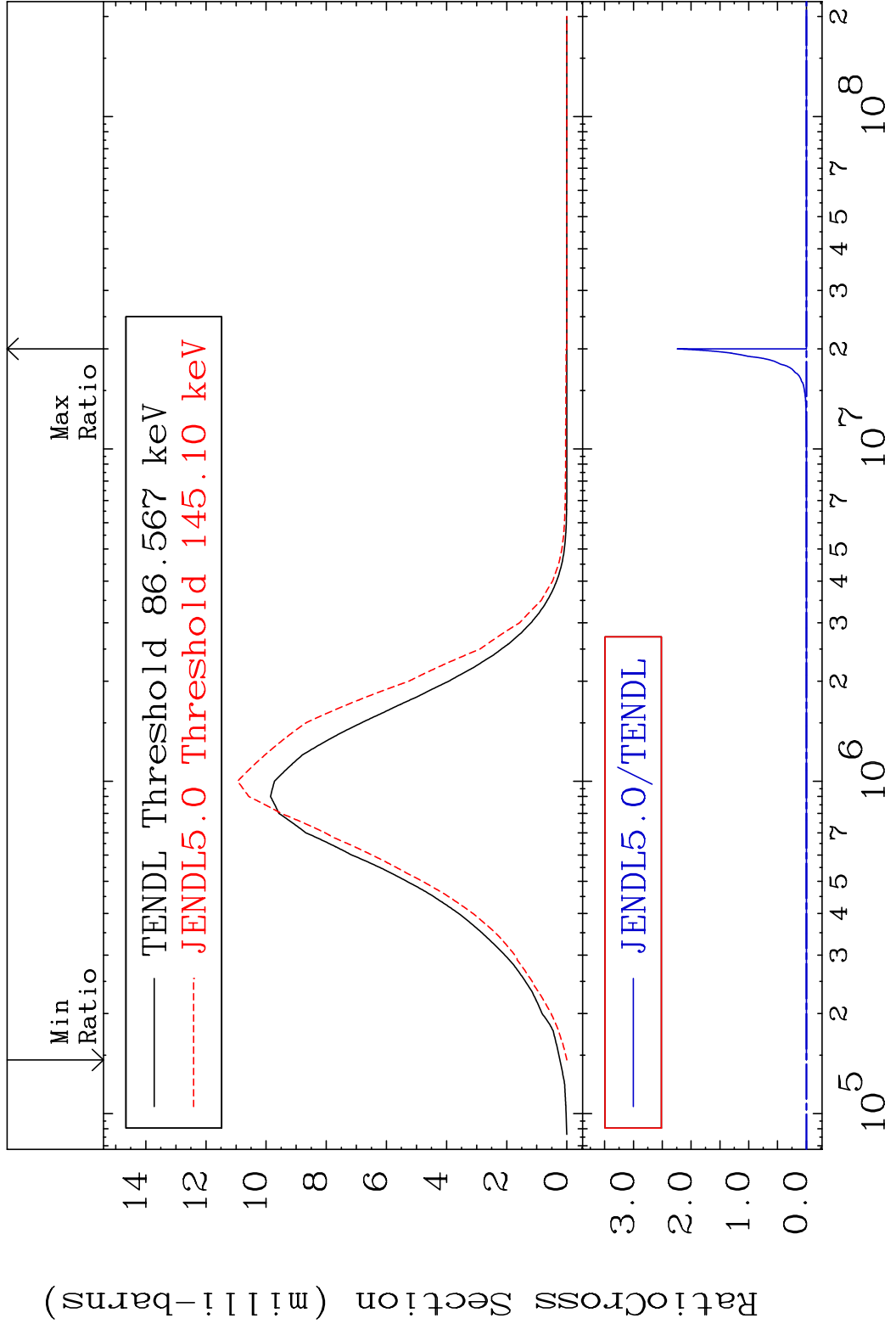
18 Incident Energy (eV) 51-Sb-120m

MAT 5123 MT= 57 (n,n') Level 51-Sb-120m
 Cross Section -100.0 To 9999. %



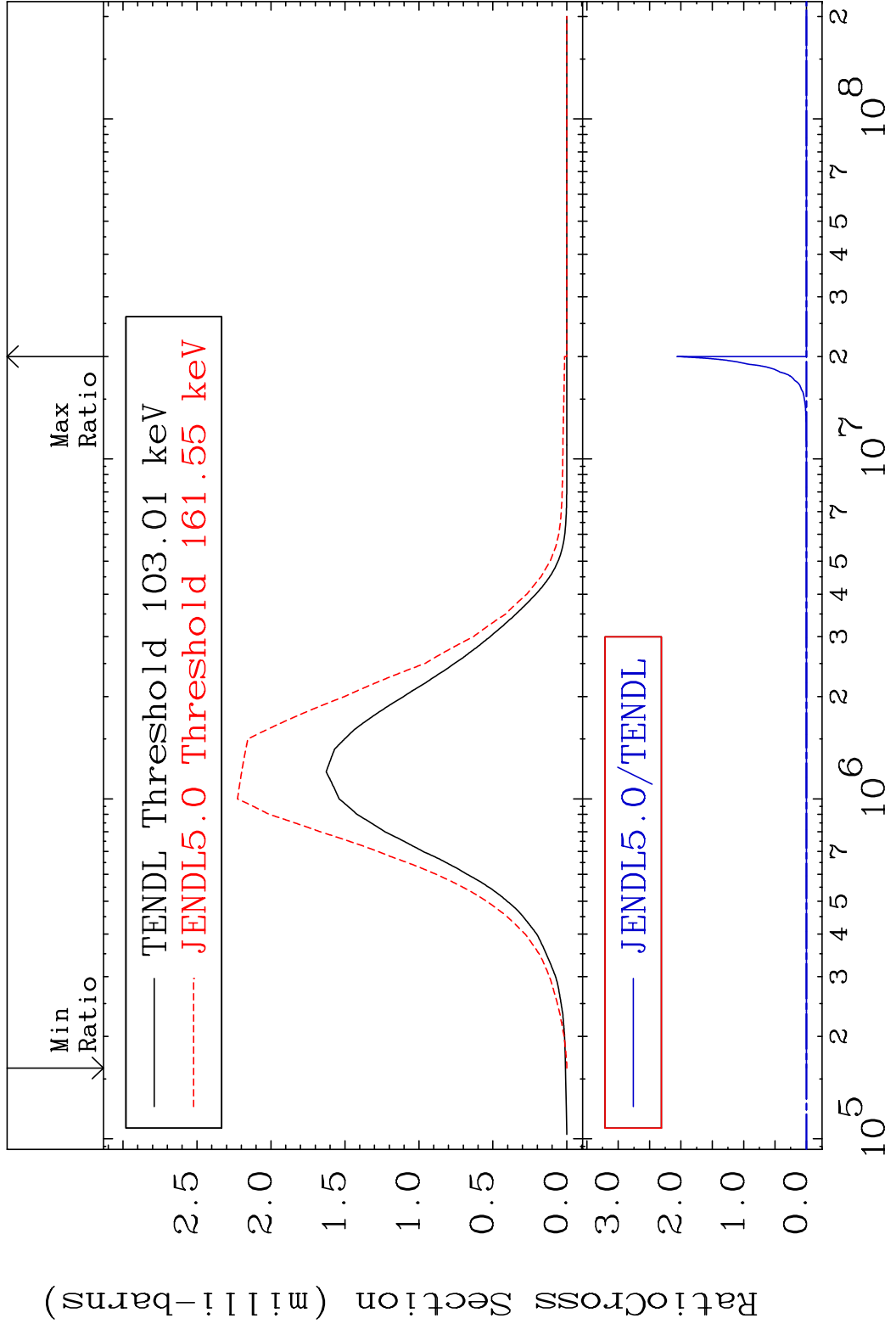
19 19 Incident Energy (eV) 51-Sb-120m

MAT 5123 MT= 58 (n,n') Level 51-Sb-120m
 Cross Section -100.0 To 9999. %

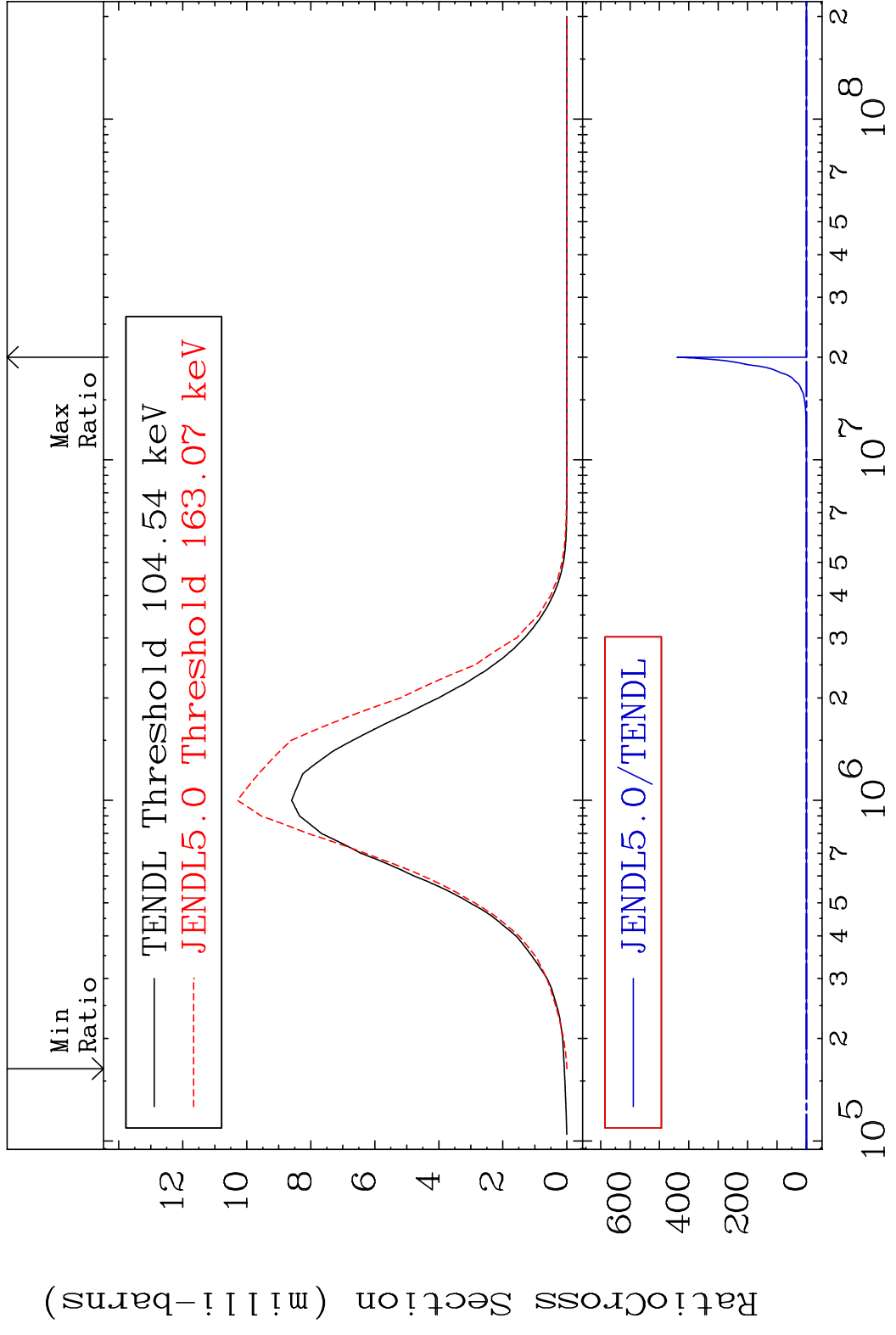


20 Incident Energy (eV) 51-Sb-120m

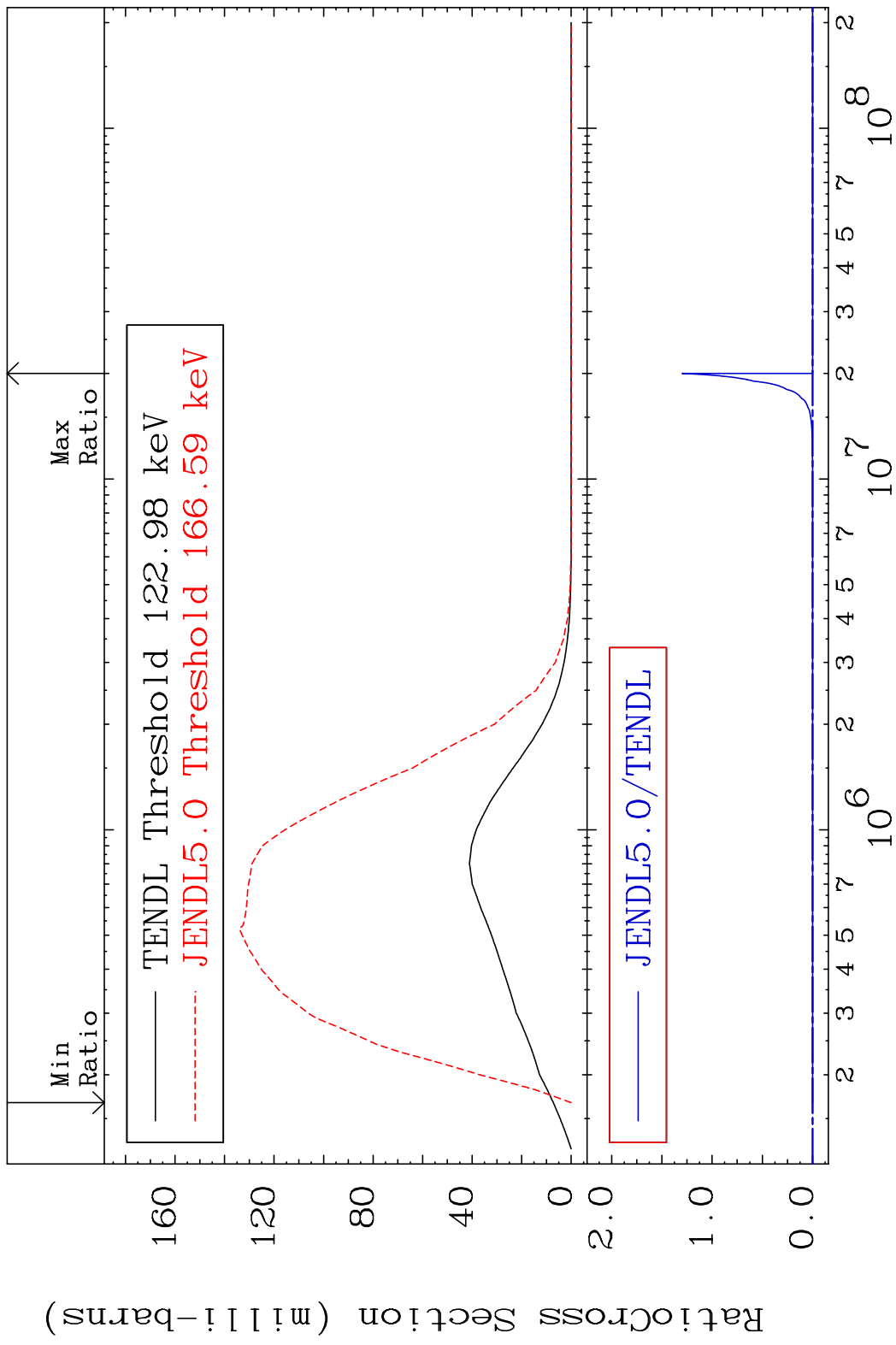
MAT 5123 MT= 59 (n,n') Level 51-Sb-120m
 Cross Section -100.0 To 9999. %



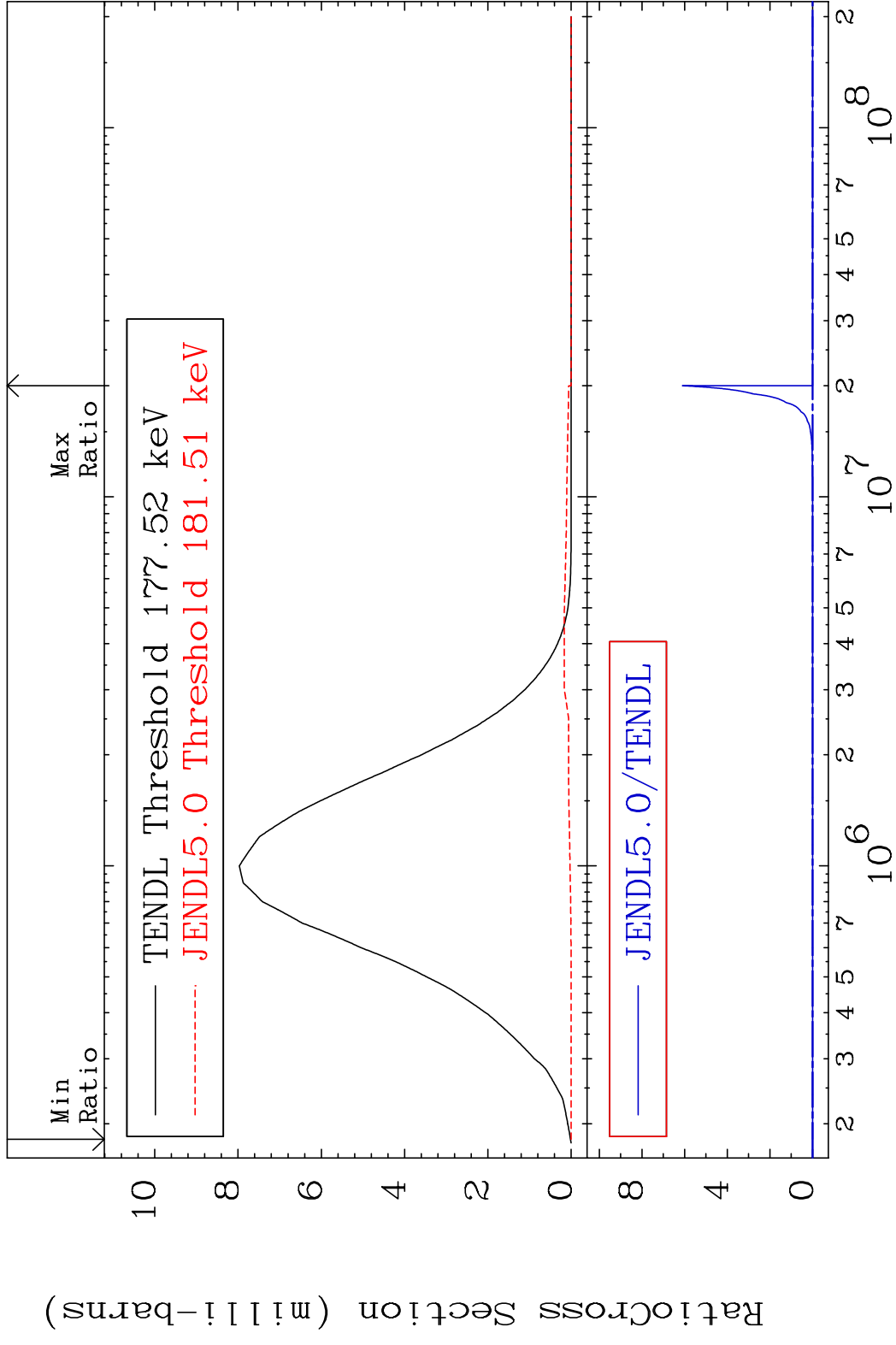
MAT 5123 MT= 60 (n, n') Level 51-Sb-120m
 Cross Section -100.0 To 9999. %



MAT 5123 MT= 61 (n, n') Level 51-Sb-120m
 Cross Section -100.0 To 9999. %

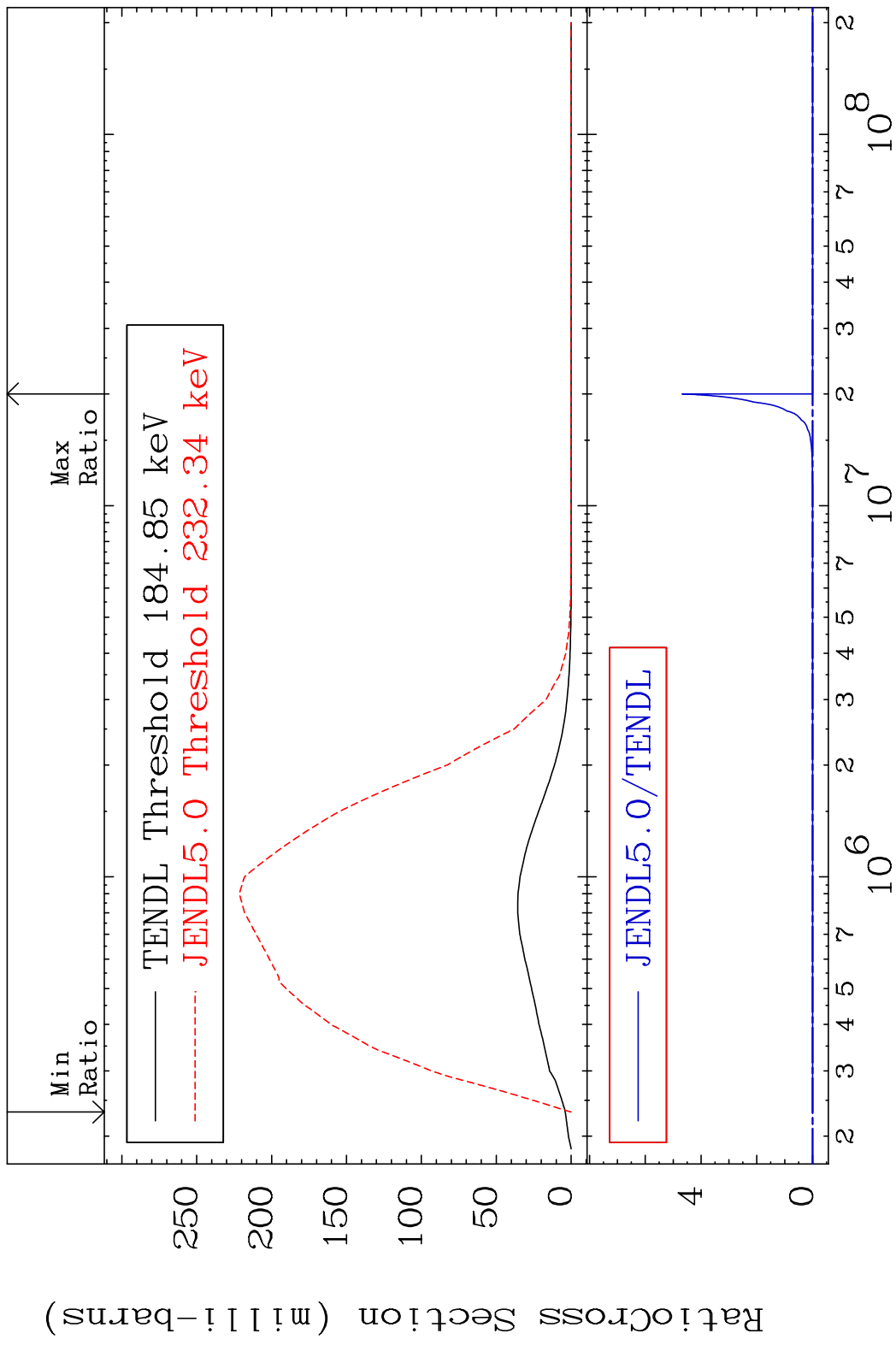


MAT 5123 MT= 62 (n, n') Level 51-Sb-120m
 Cross Section -100.0 To 9999. %

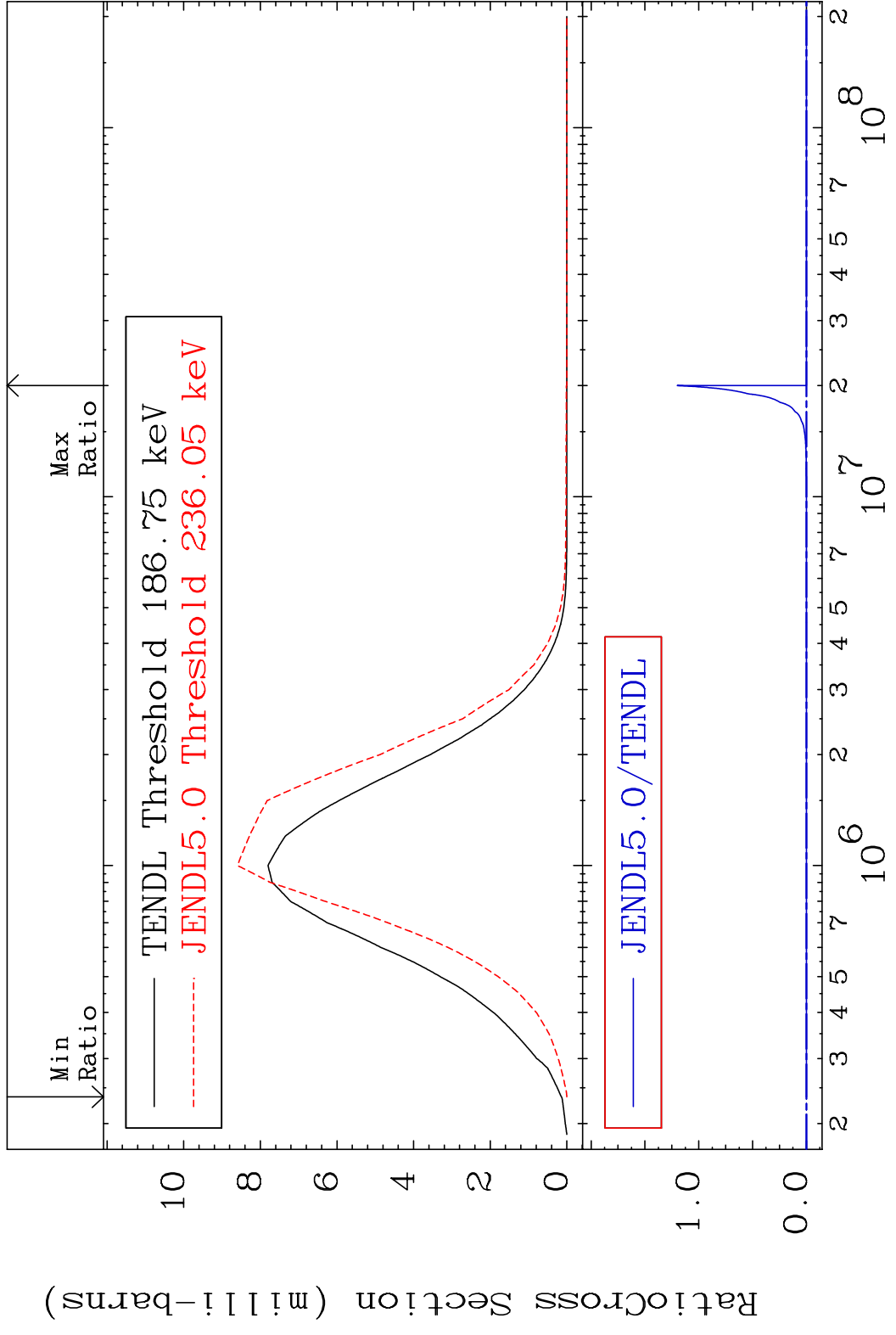


24 Incident Energy (eV) 51-Sb-120m

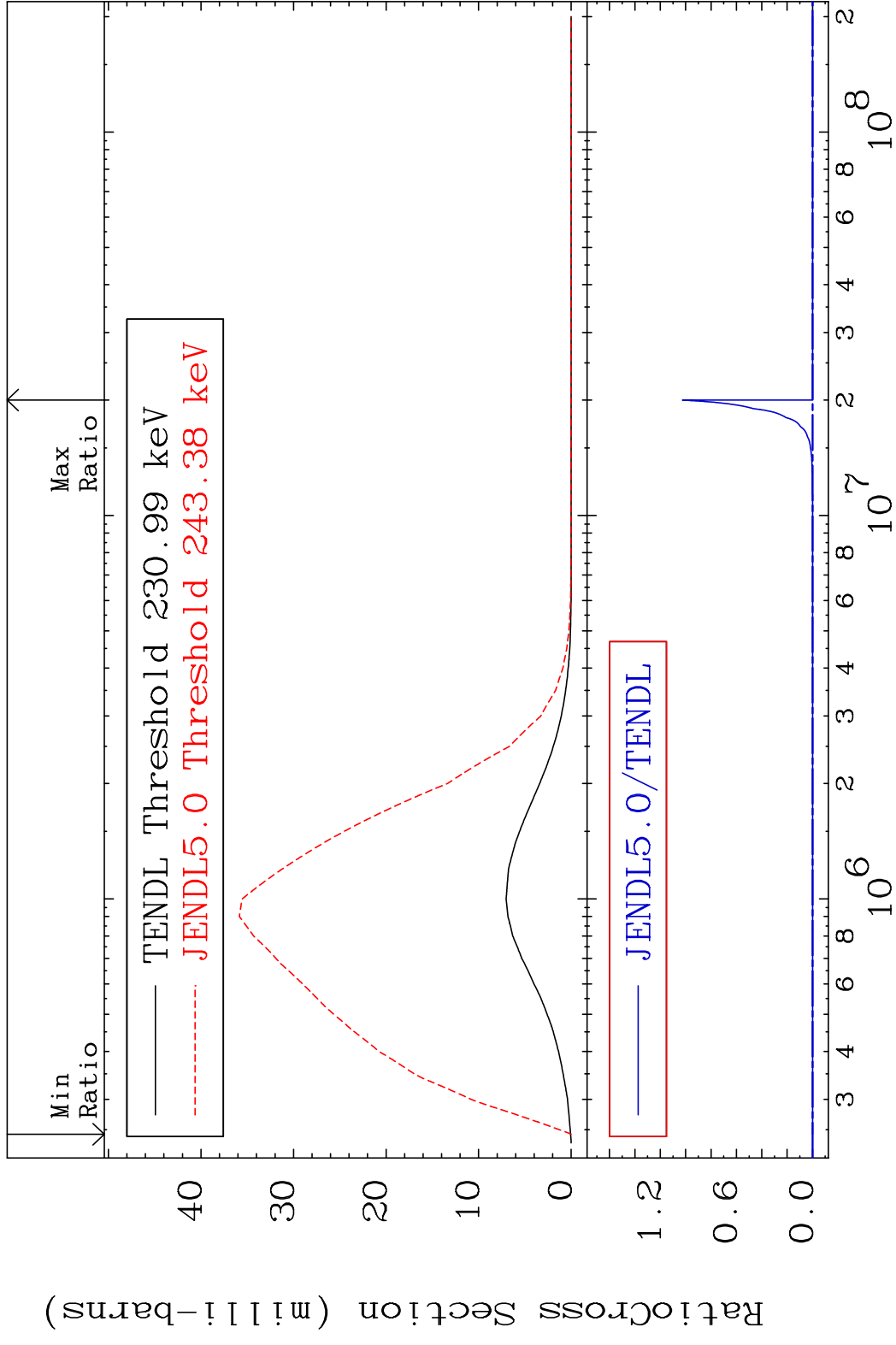
MAT 5123 MT= 63 (n,n') Level 51-Sb-120m
 Cross Section -100.0 To 9999. %



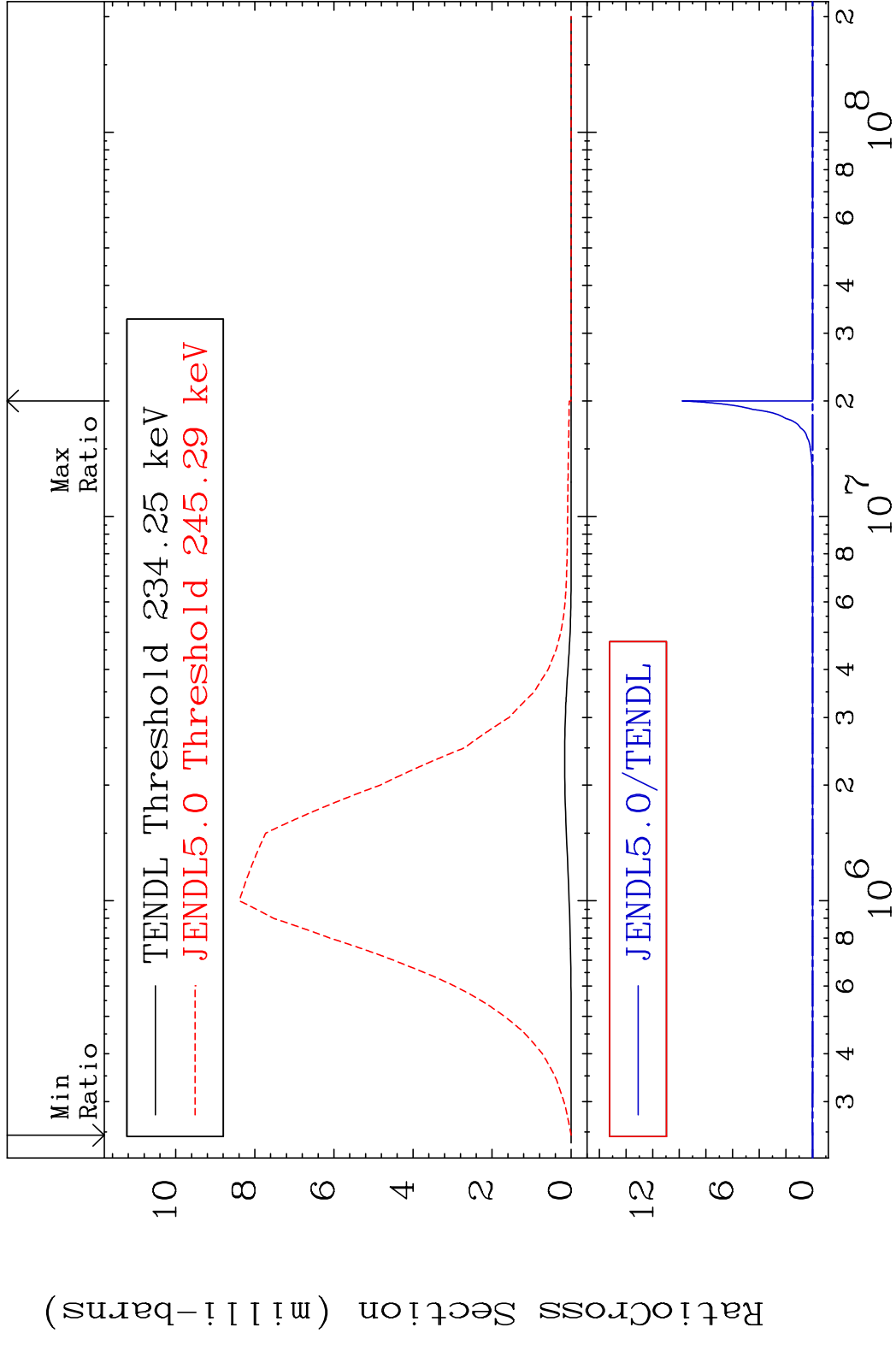
MAT 5123 MT= 64 (n,n') Level 51-Sb-120m
 Cross Section -100.0 To 9999. %



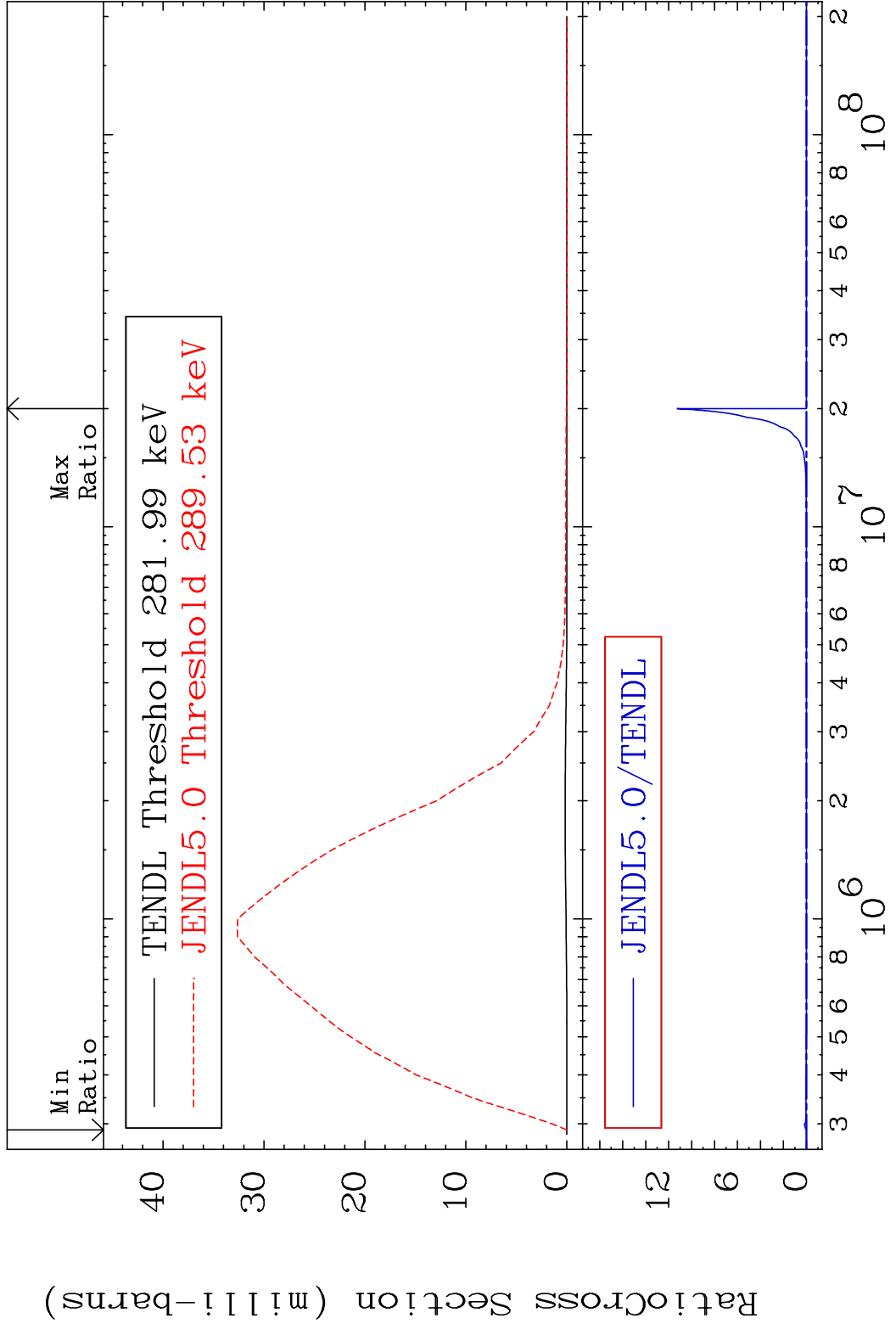
MAT 5123 MT= 65 (n,n') Level 51-Sb-120m
 Cross Section -100.0 To 9999. %



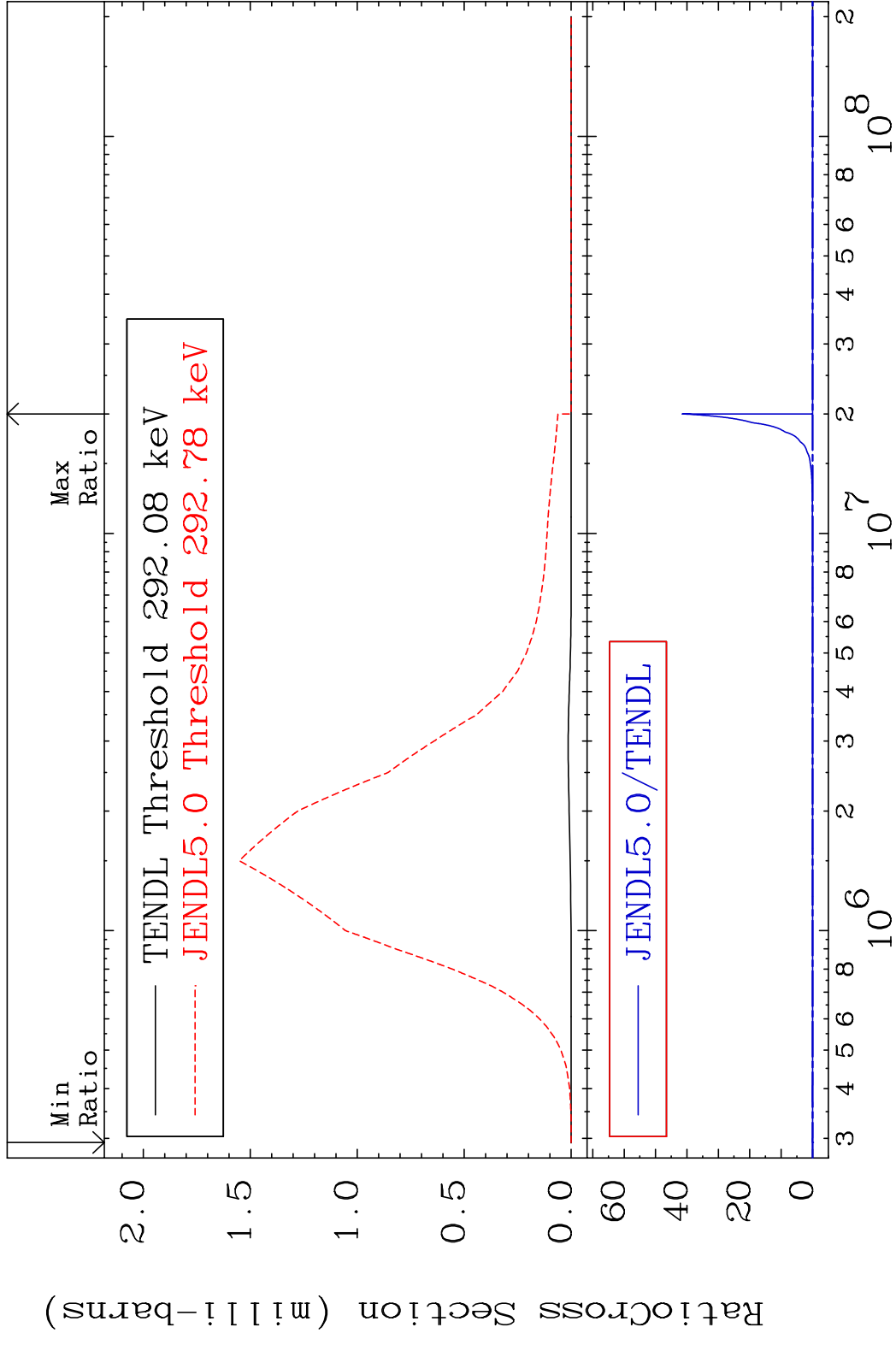
MAT 5123 MT= 66 (n, n') Level 51-Sb-120m
 Cross Section -100.0 To 9999. %



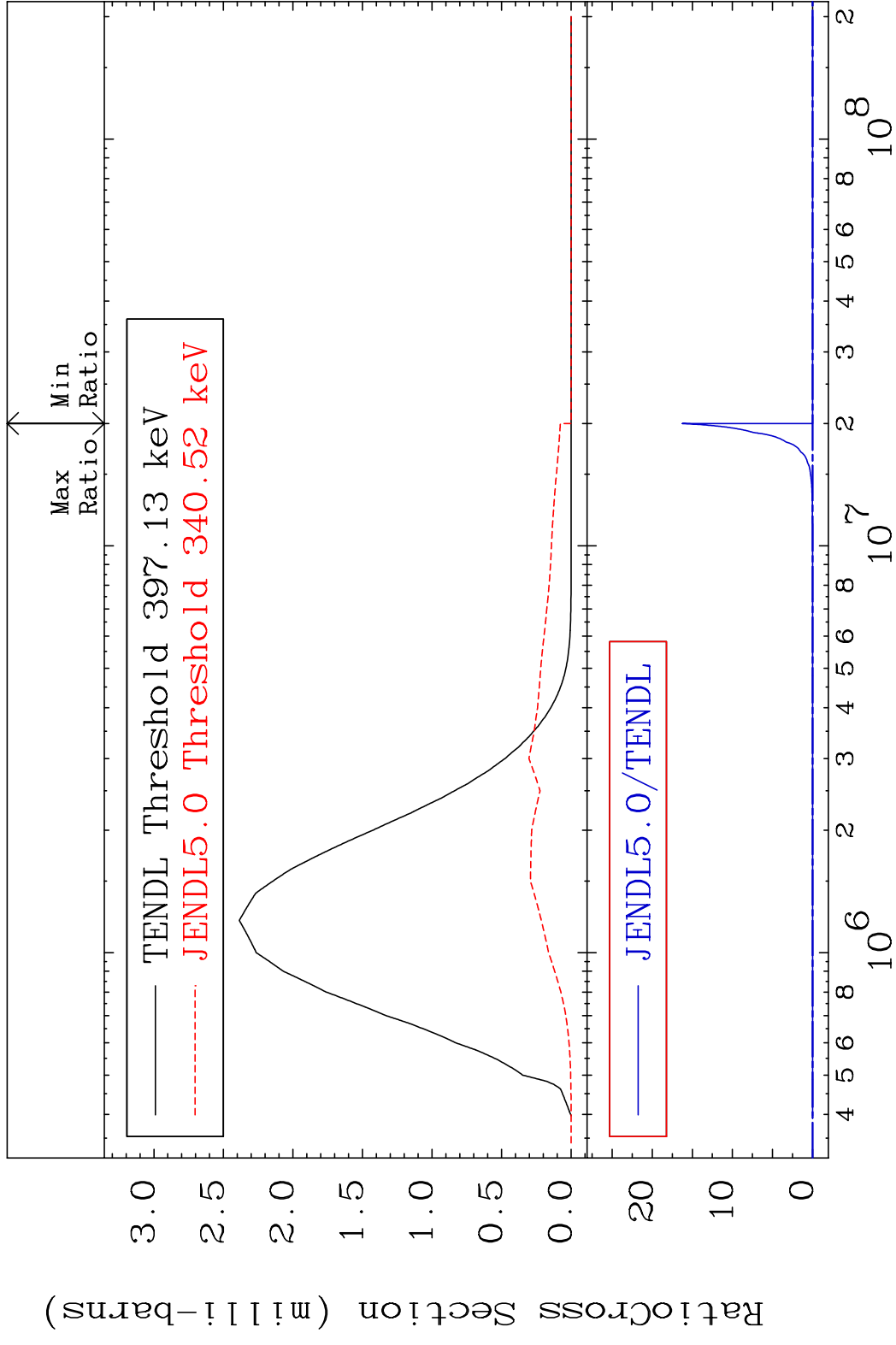
MAT 5123 MT= 67 (n, n') Level 51-Sb-120m
 Cross Section -100.0 To 9999. %



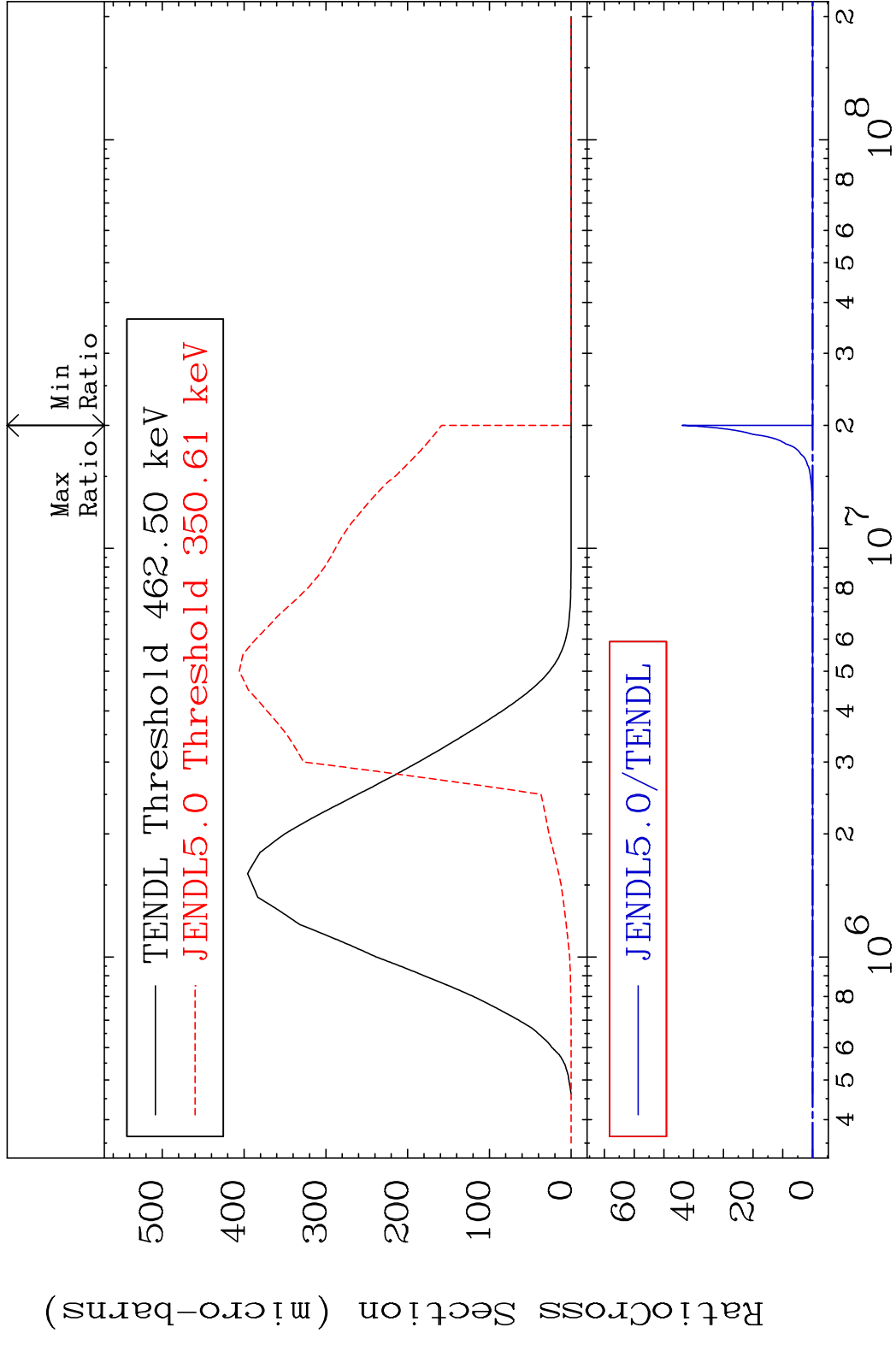
MAT 5123 MT= 68 (n, n') Level 51-Sb-120m
 Cross Section -100.0 To 9999. %



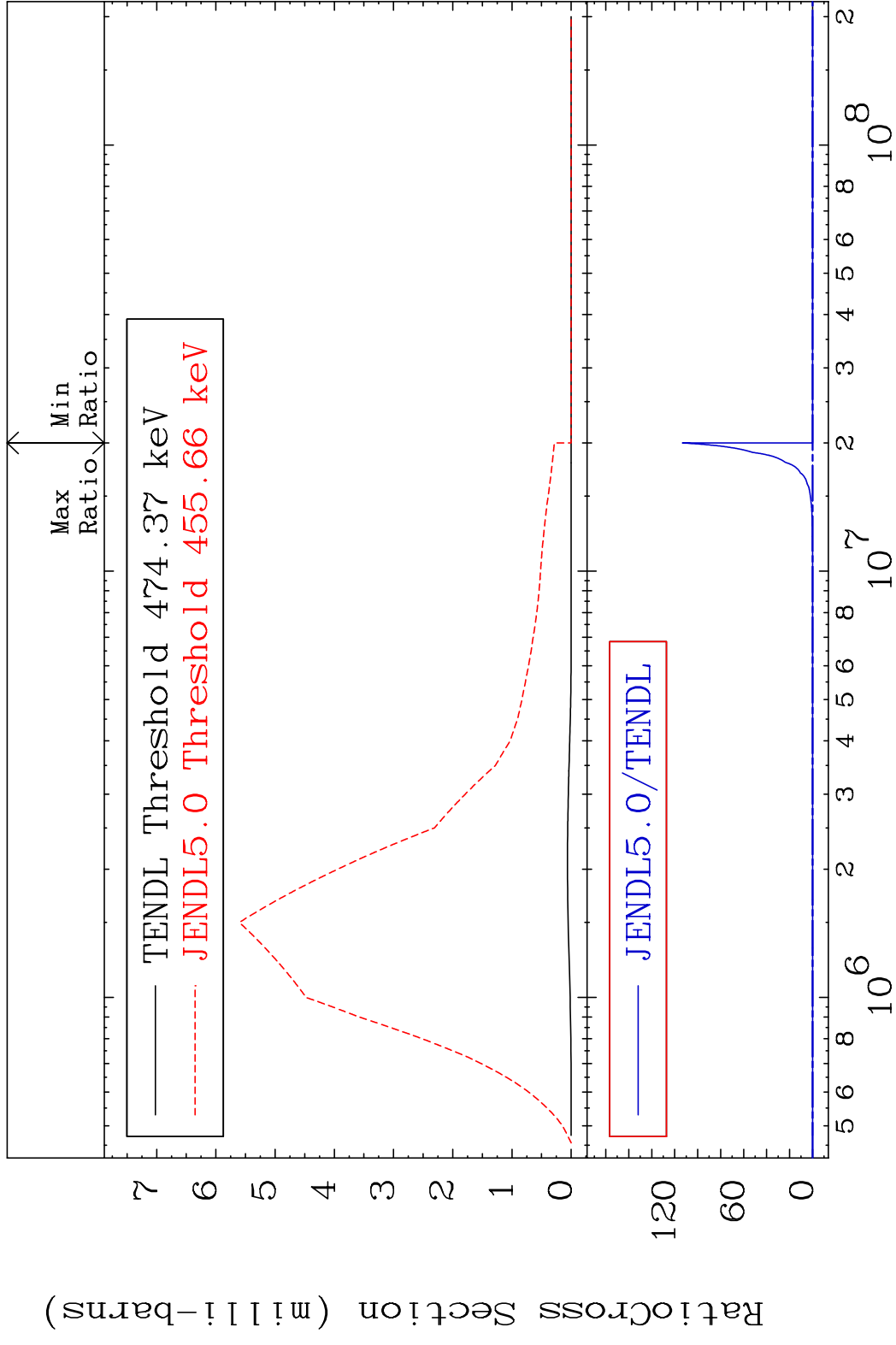
MAT 5123 MT= 69 (n, n') Level 51-Sb-120m
 Cross Section -100.0 To 9999. %



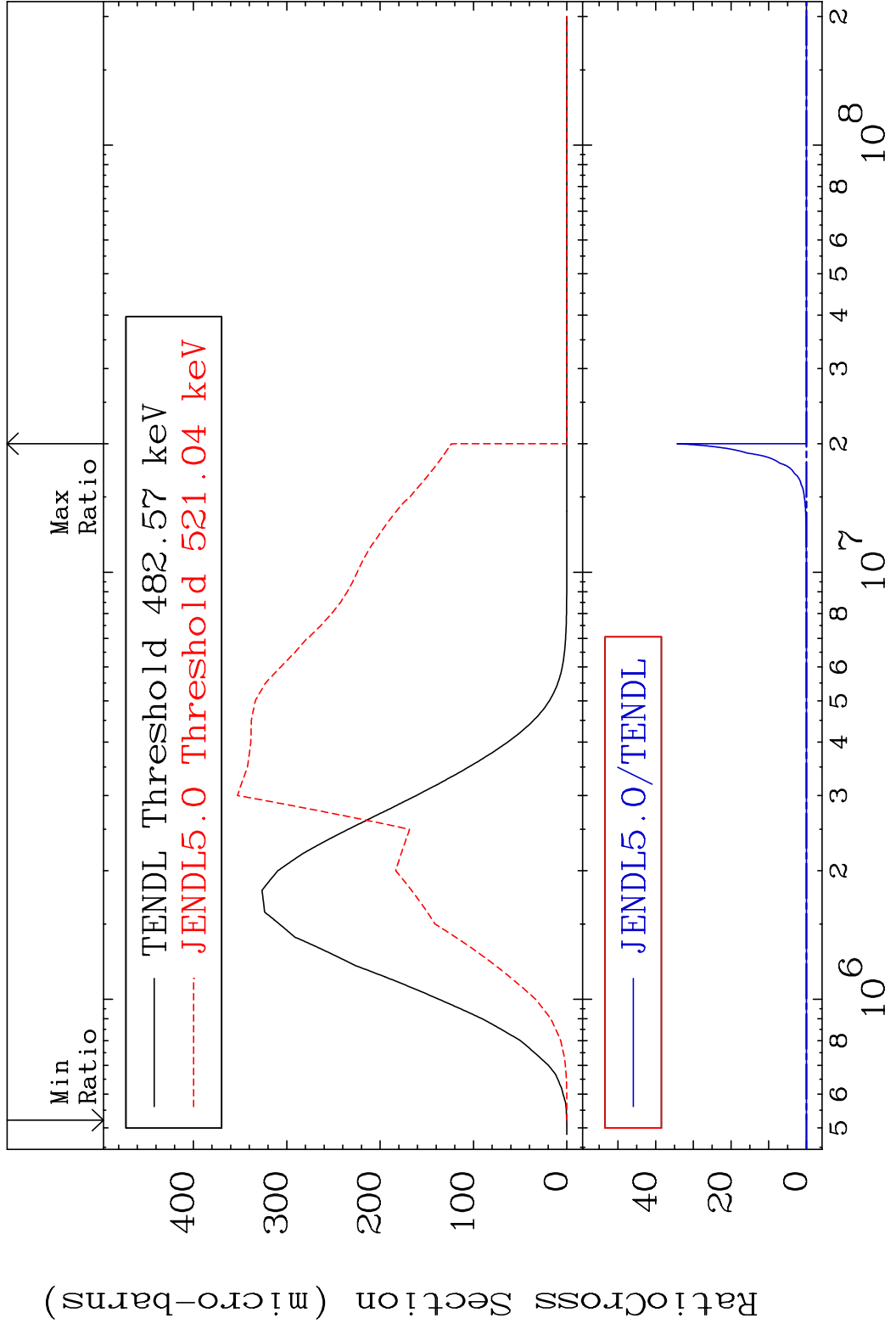
MAT 5123 MT= 70 (n, n') Level 51-Sb-120m
 Cross Section -100.0 To 9999. %



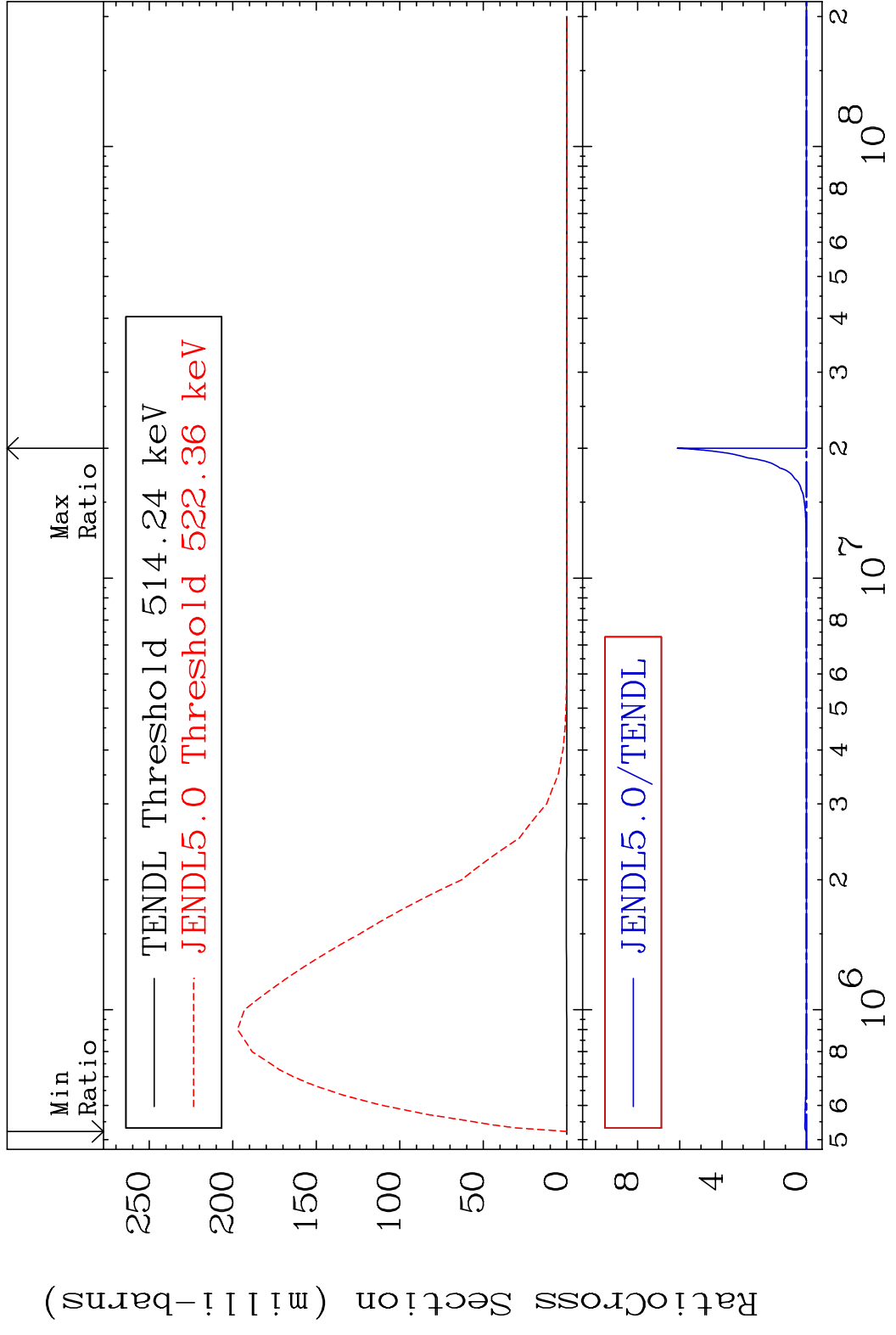
MAT 5123 MT= 71 (n, n') Level 51-Sb-120m
 Cross Section -100.0 To 9999. %



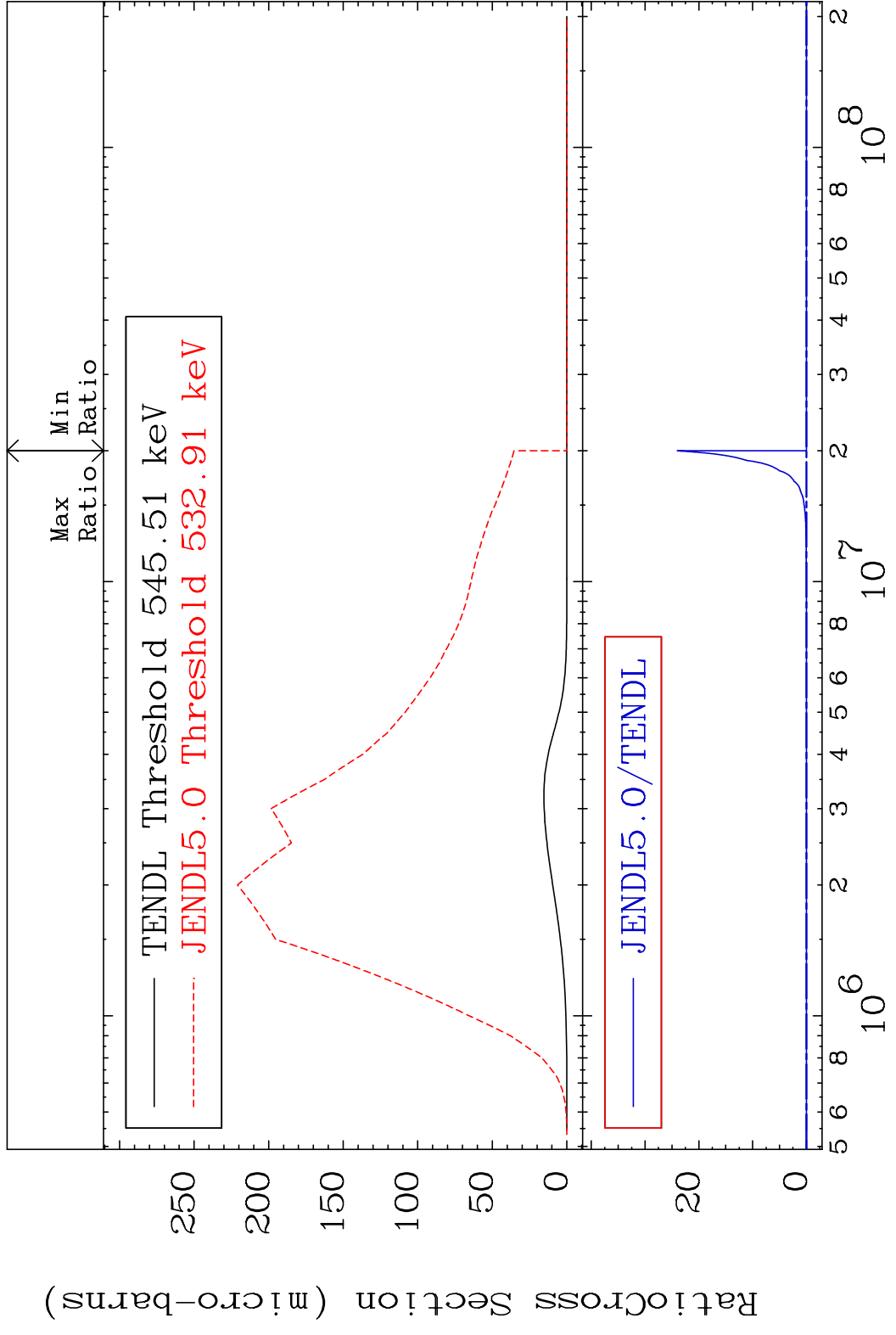
MAT 5123 MT= 72 (n, n') Level 51-Sb-120m
 Cross Section -100.0 To 9999. %



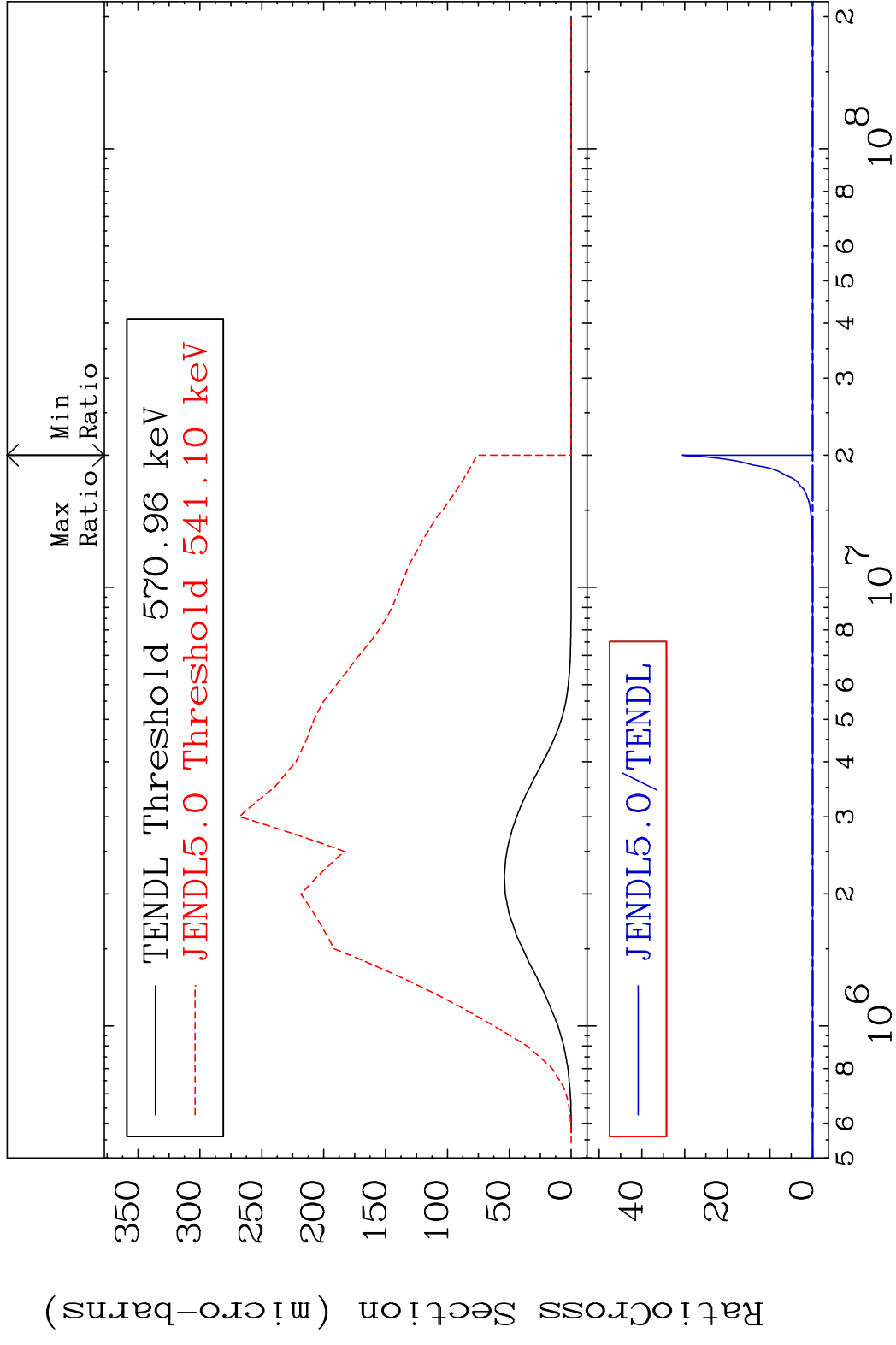
MAT 5123 MT= 73 (n, n') Level 51-Sb-120m
 Cross Section -100.0 To 9999. %



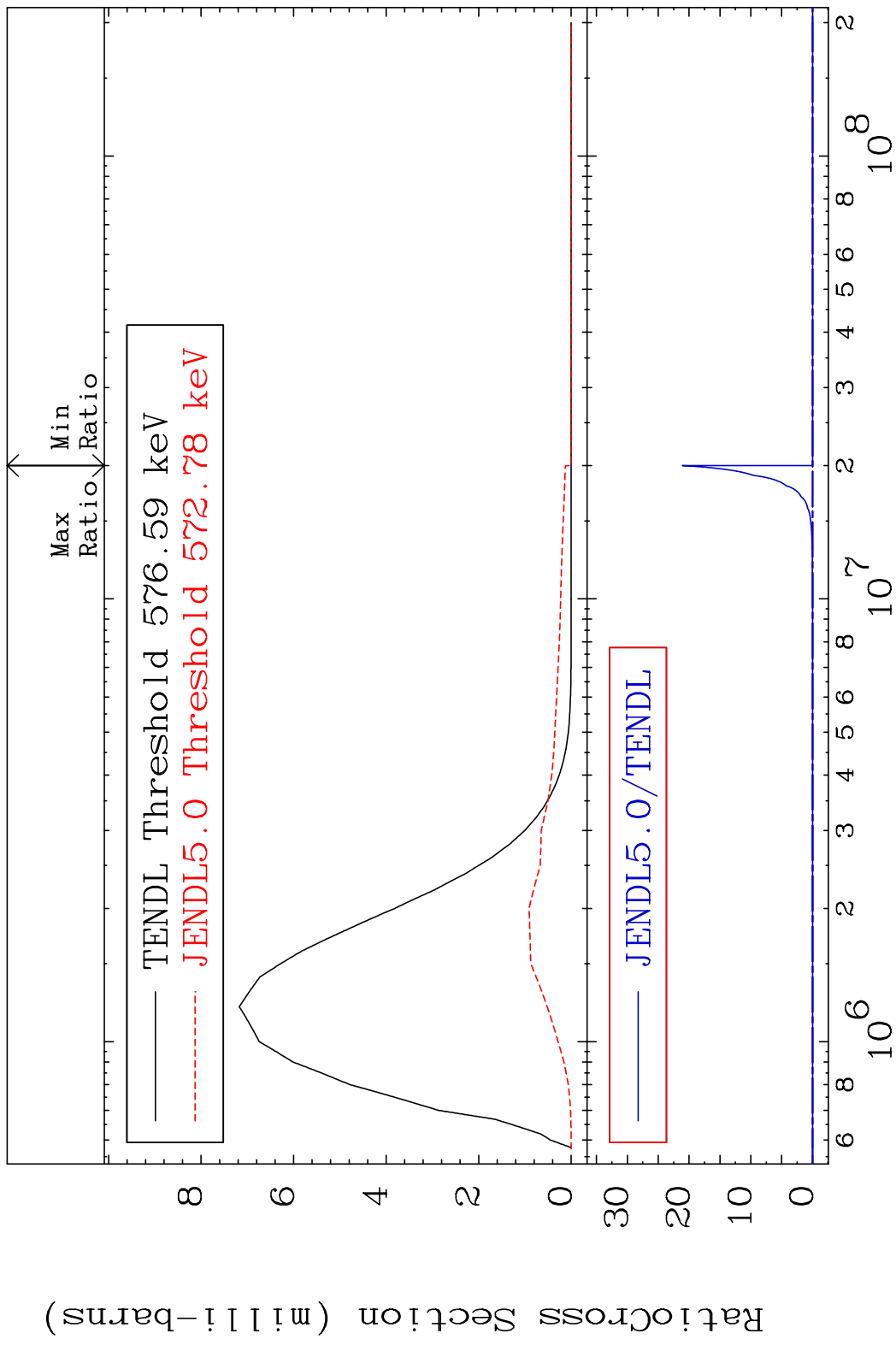
MAT 5123 MT= 74 (n, n') Level 51-Sb-120m
 Cross Section -100.0 To 9999. %



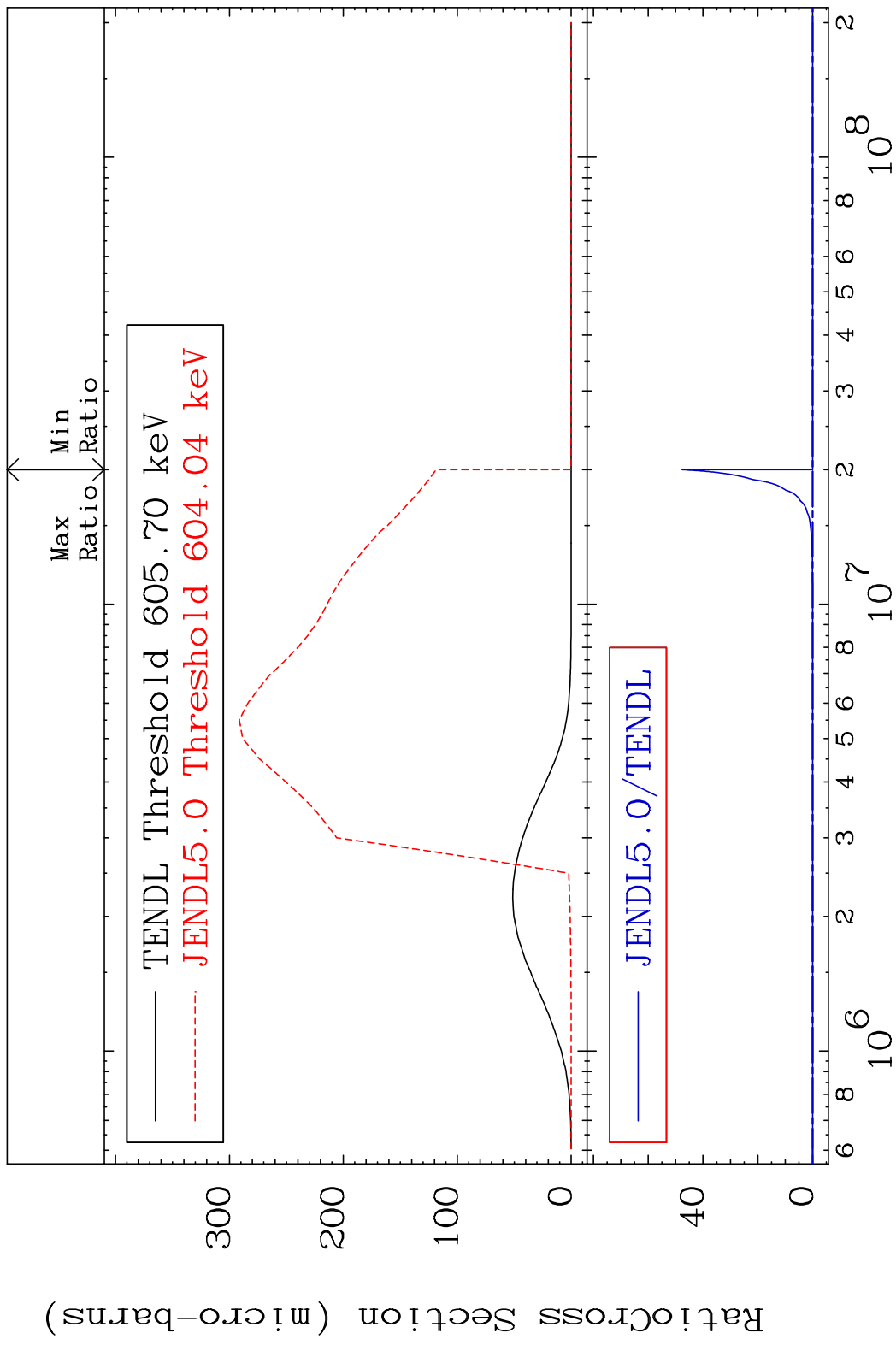
MAT 5123 MT= 75 (n, n') Level 51-Sb-120m
 Cross Section -100.0 To 9999. %



MAT 5123 MT= 76 (n, n') Level 51-Sb-120m
 Cross Section -100.0 To 9999. %

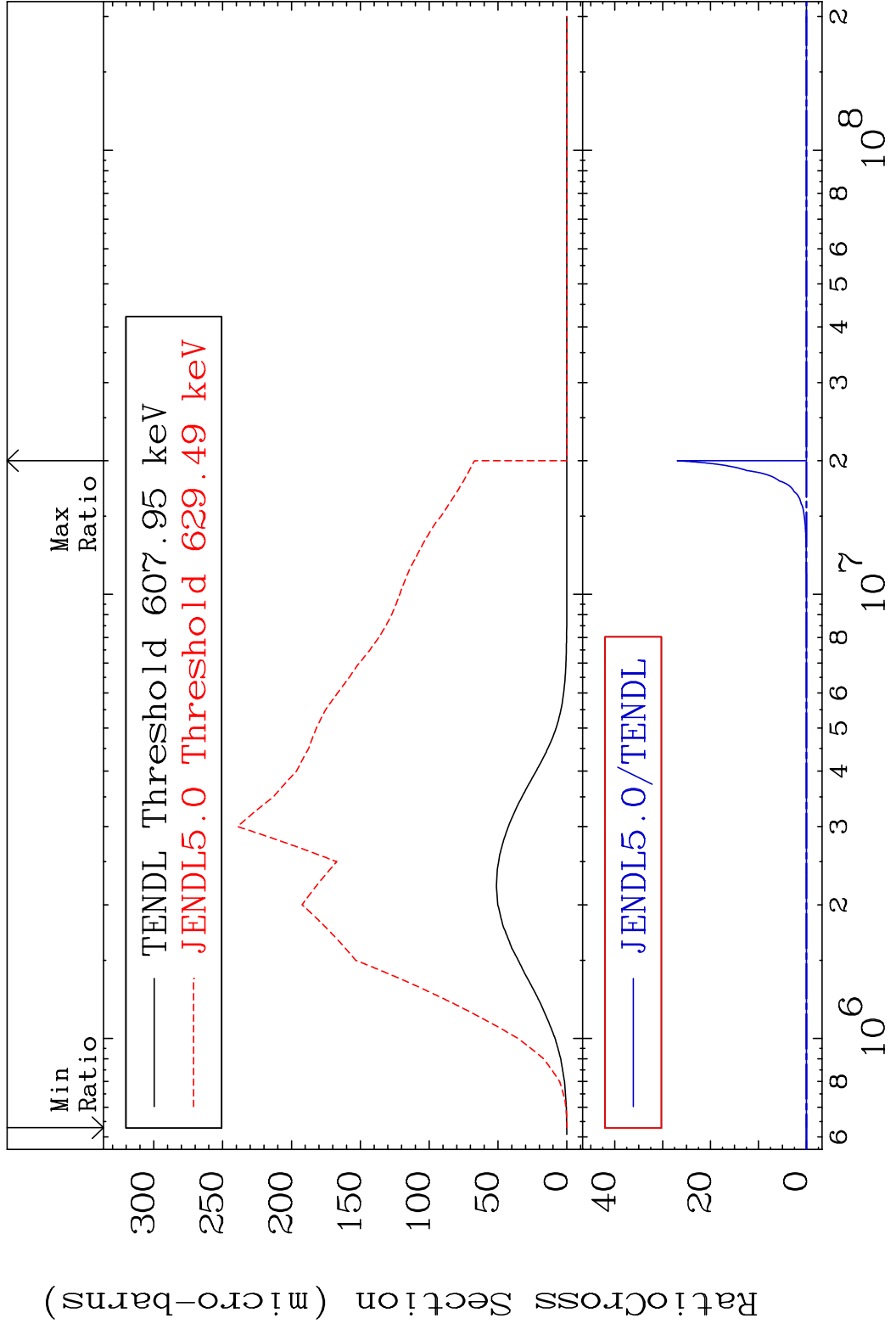


MAT 5123 MT= 77 (n, n') Level 51-Sb-120m
 Cross Section -100.0 To 9999. %



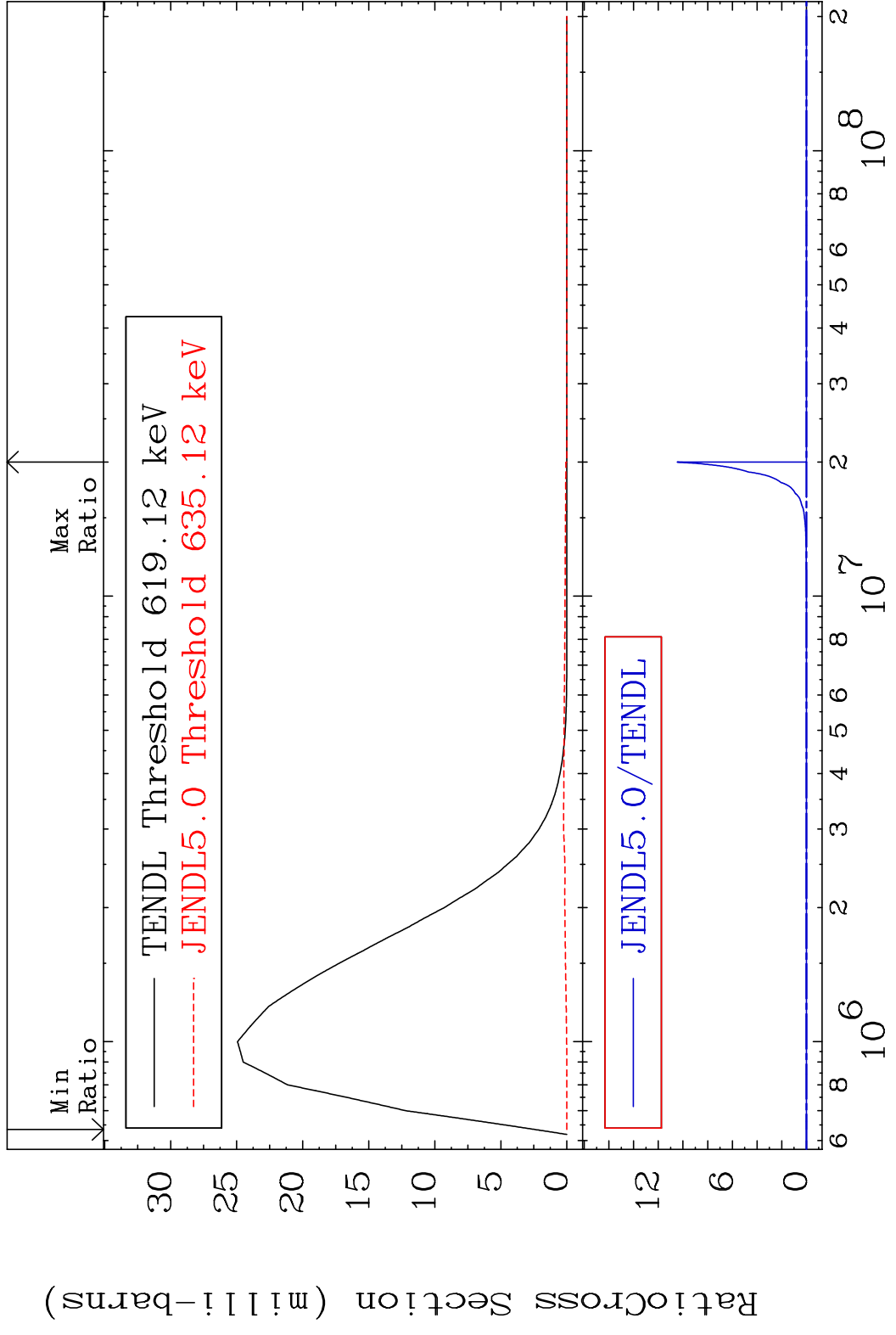
39 Incident Energy (eV) 51-Sb-120m

MAT 5123 MT= 78 (n, n') Level 51-Sb-120m
 Cross Section -100.0 To 9999. %



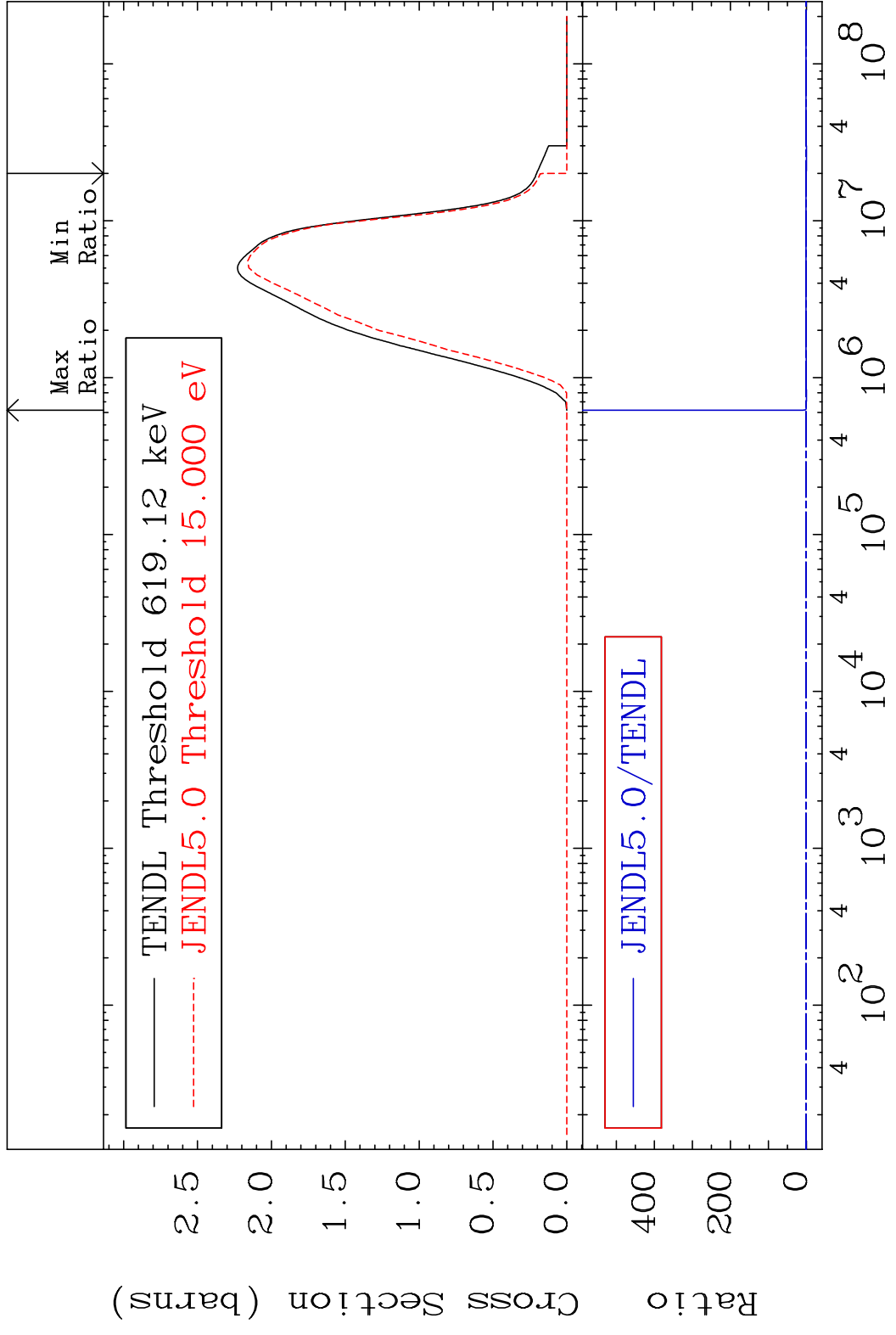
40 Incident Energy (eV) 51-Sb-120m

MAT 5123 MT= 79 (n, n') Level 51-Sb-120m
 Cross Section -100.0 To 9999. %



MAT 5123

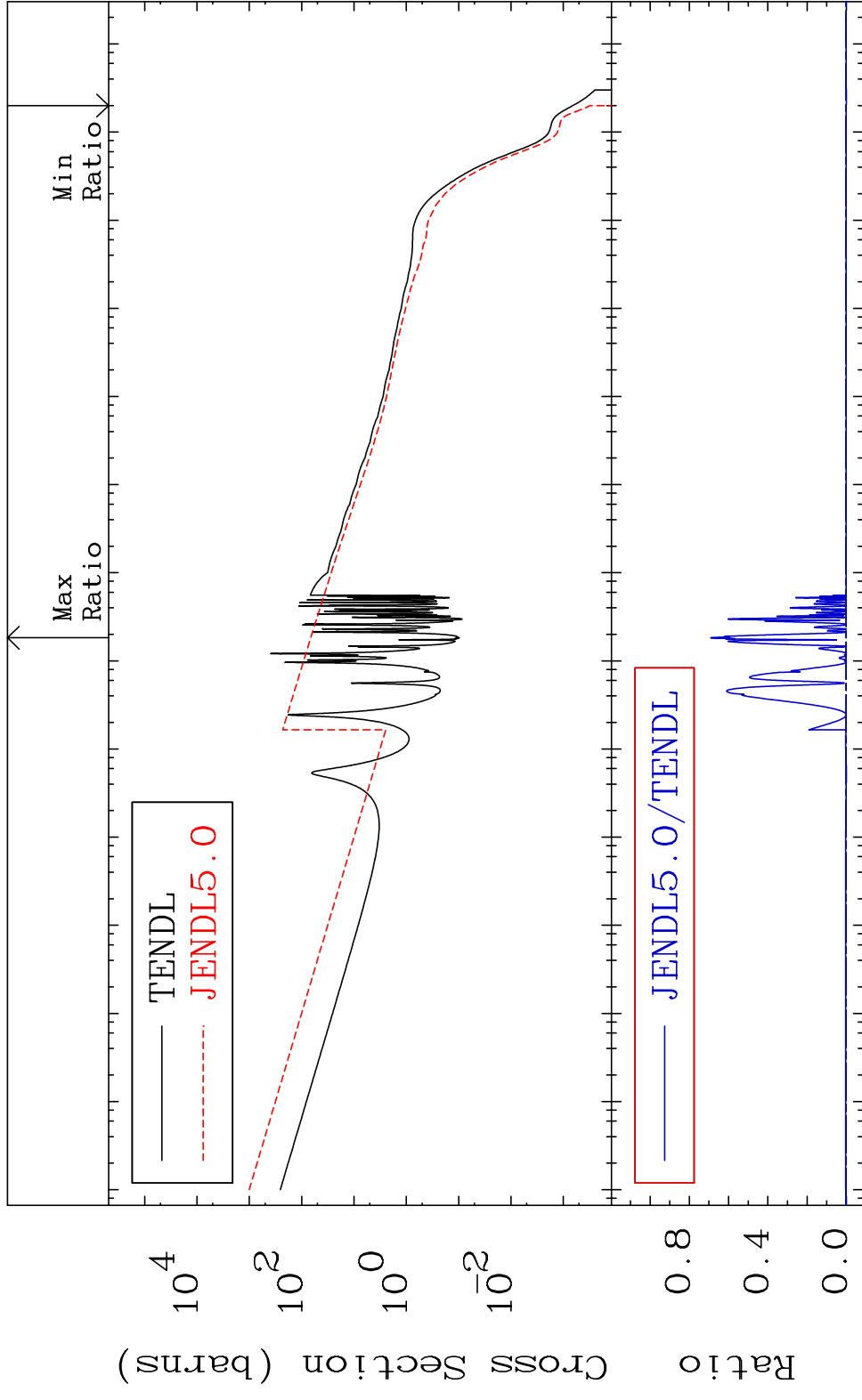
(n,n') Continuum 51-Sb-120m
Cross Section -100.0 To 9999. %



MAT 5123

(n, γ)
Cross Section -100.0 To 9999. %

51-Sb-120m



43

Incident Energy (eV)

51-Sb-120m

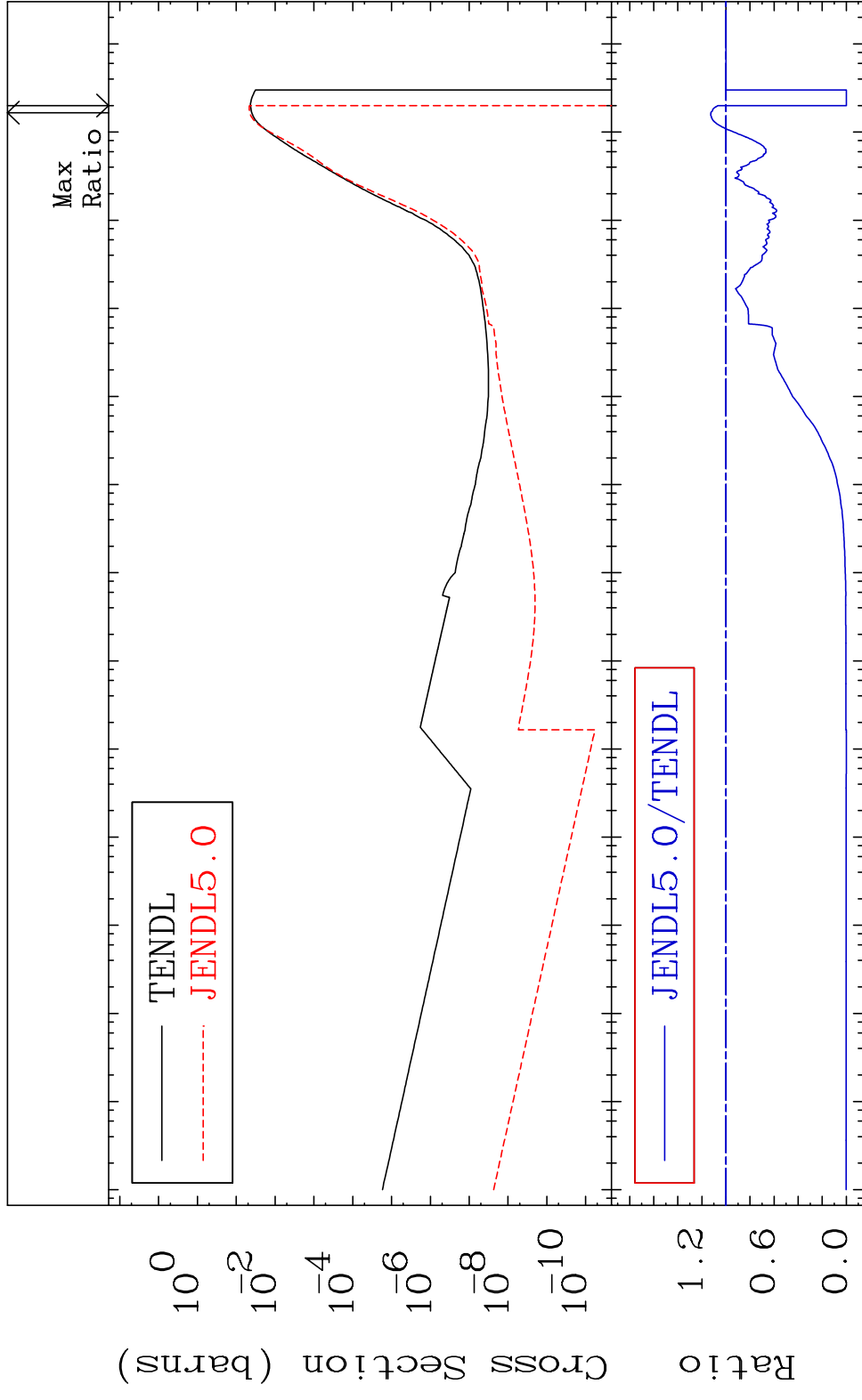
MAT 5123

(n, p)

51-Sb-120m

Cross Section

-100.0 To 12.68 %

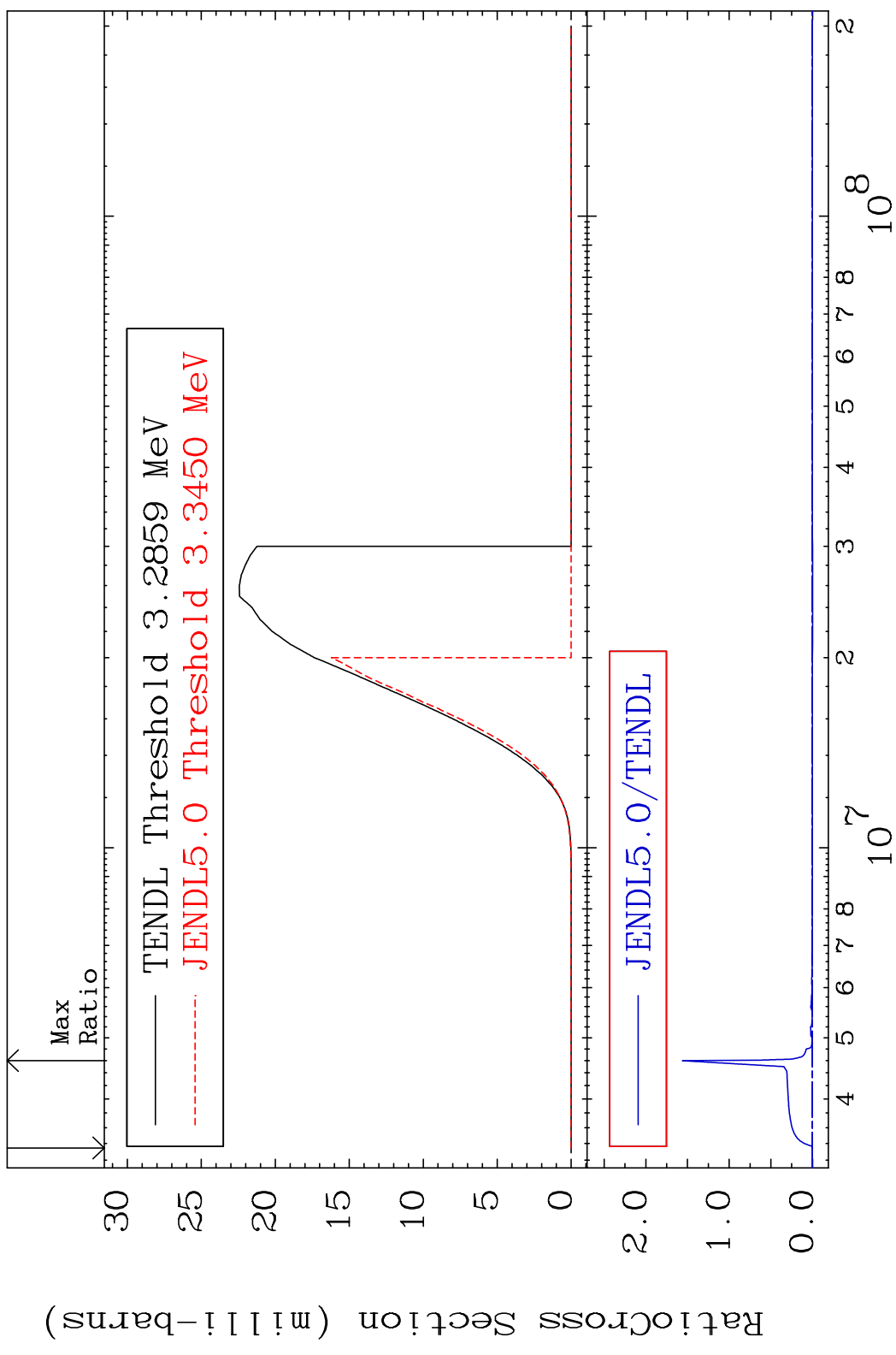


MAT 5123

(n, d)

51-Sb-120m

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

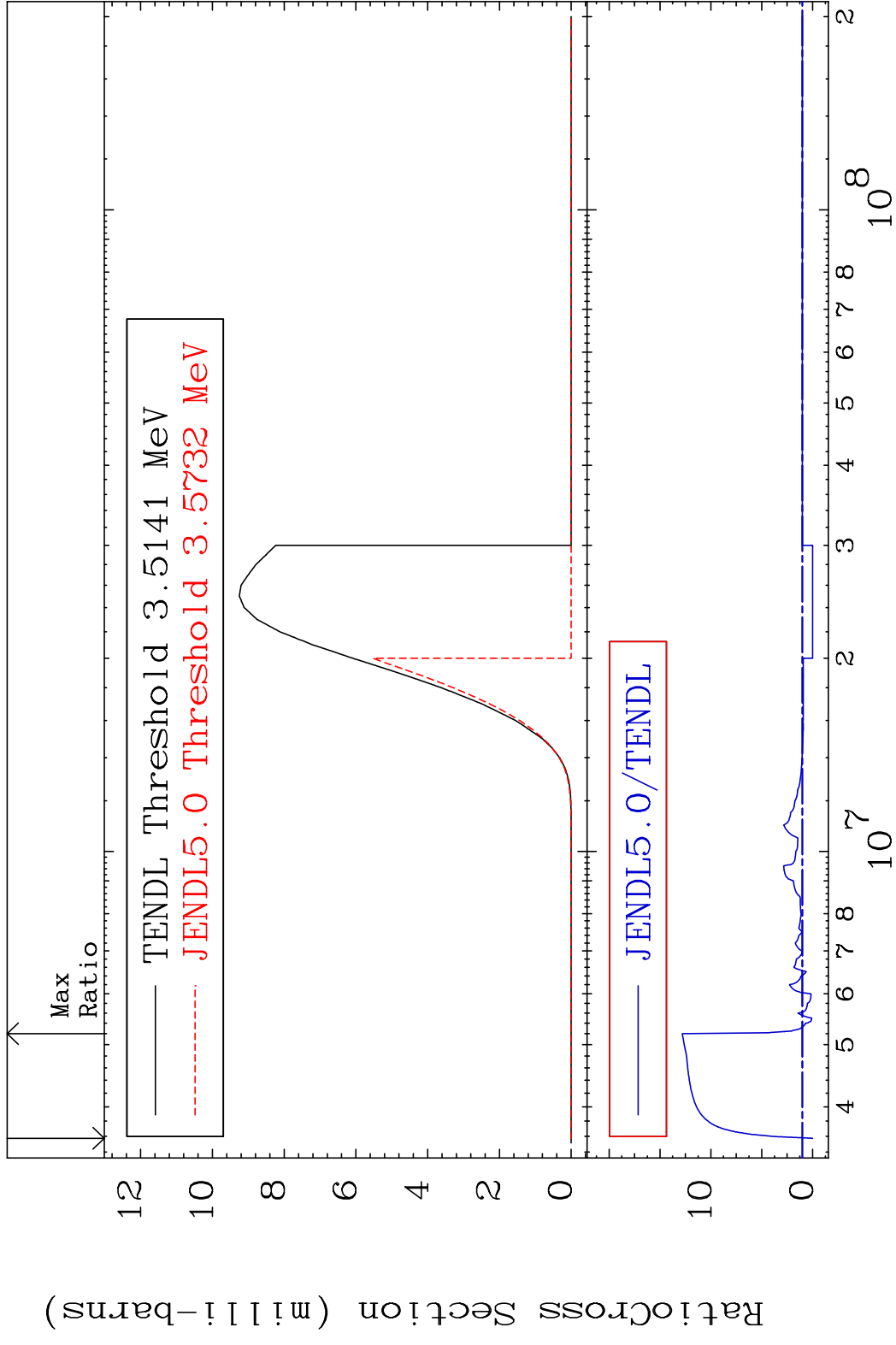
51-Sb-120m

MAT 5123

(n, t)

51-Sb-120m

Cross Section -100.0 To 1180. %

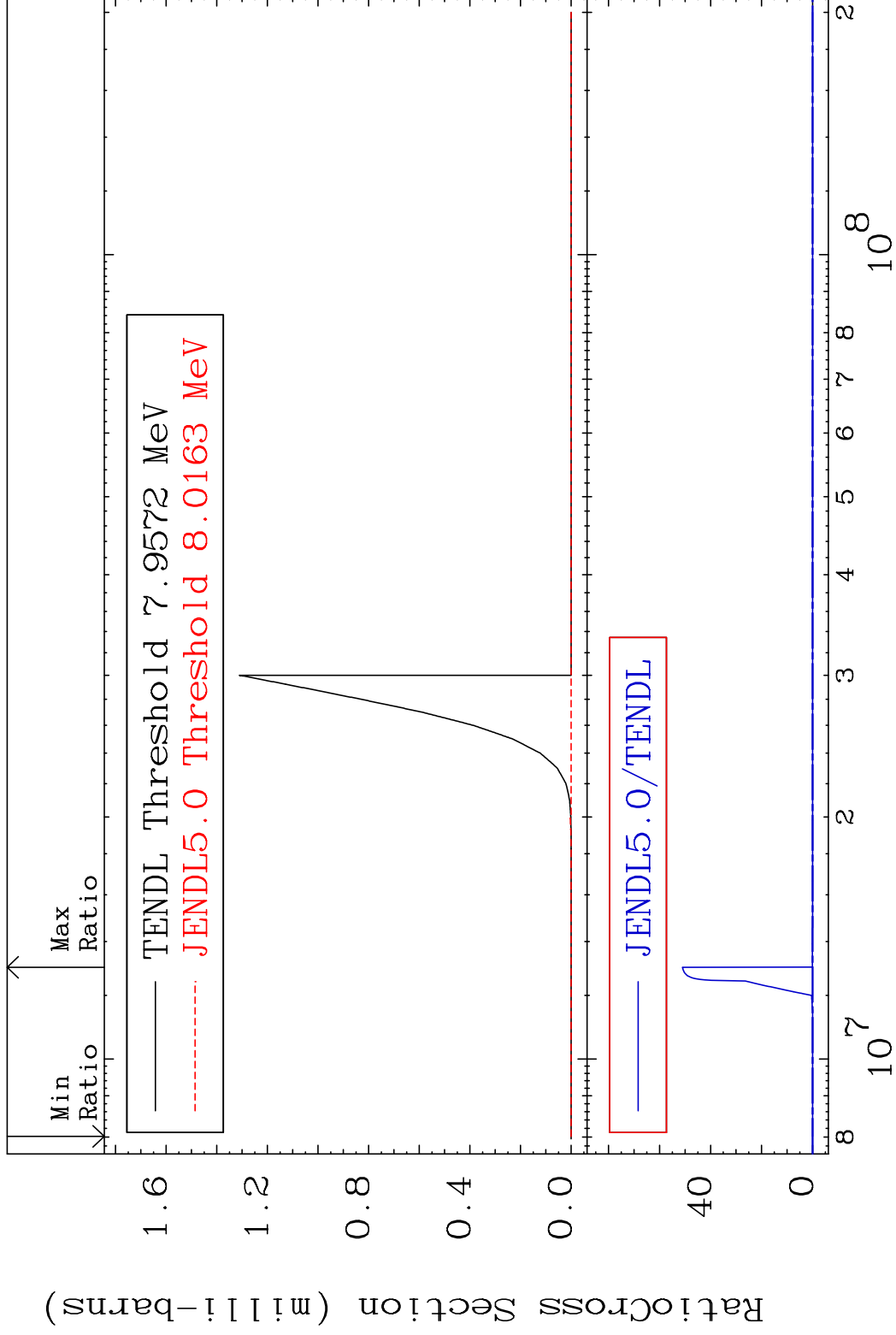


MAT 5123

(n, He-3)

51-Sb-120m

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

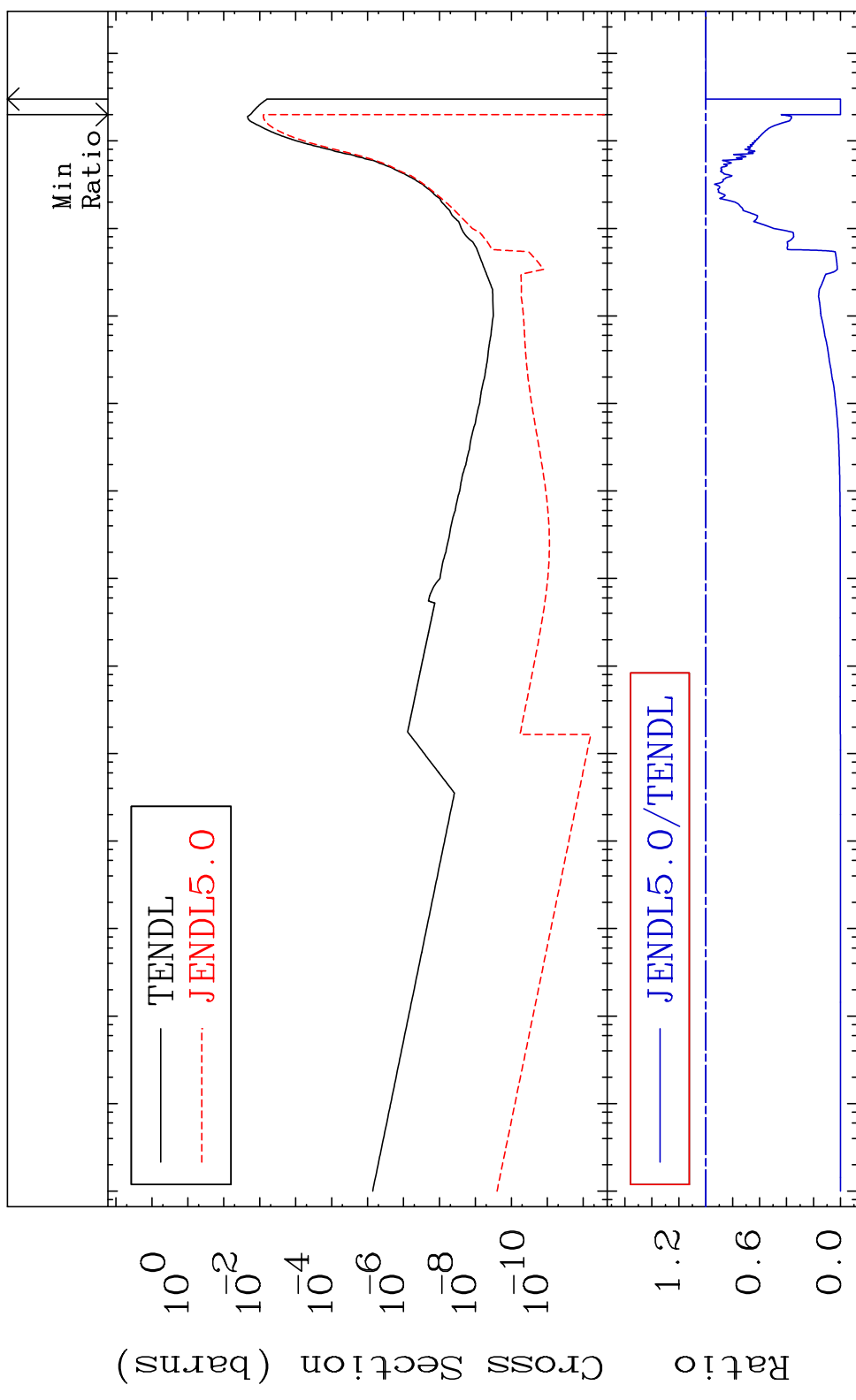
51-Sb-120m

MAT 5123

(n, α)

51-Sb-120m

Cross Section -100.0 To 0.000 %



48

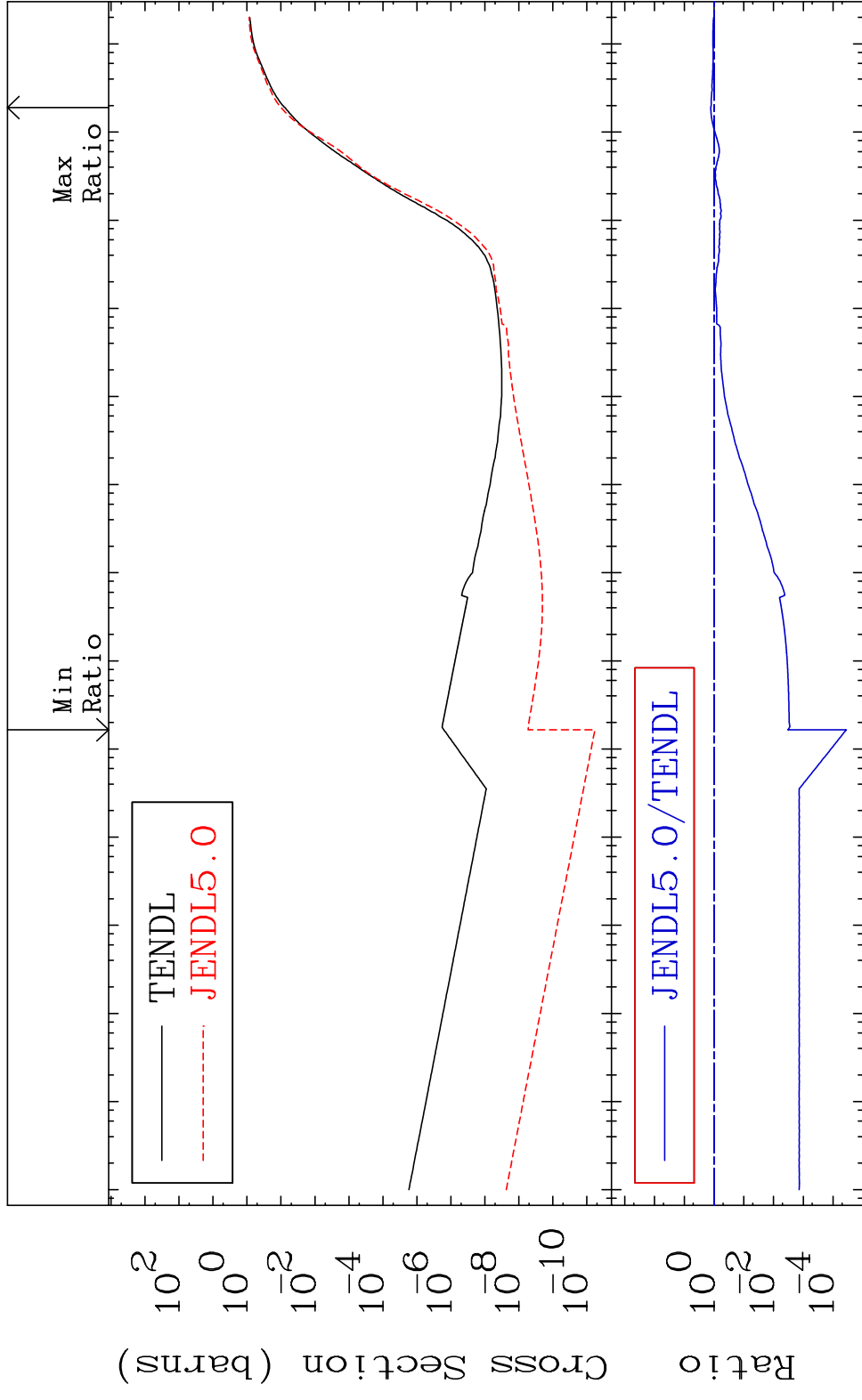
Incident Energy (eV)

51-Sb-120m

MAT 5123

Hydrogen Production
Cross Section -100.0 To 29.52 %

51-Sb-120m



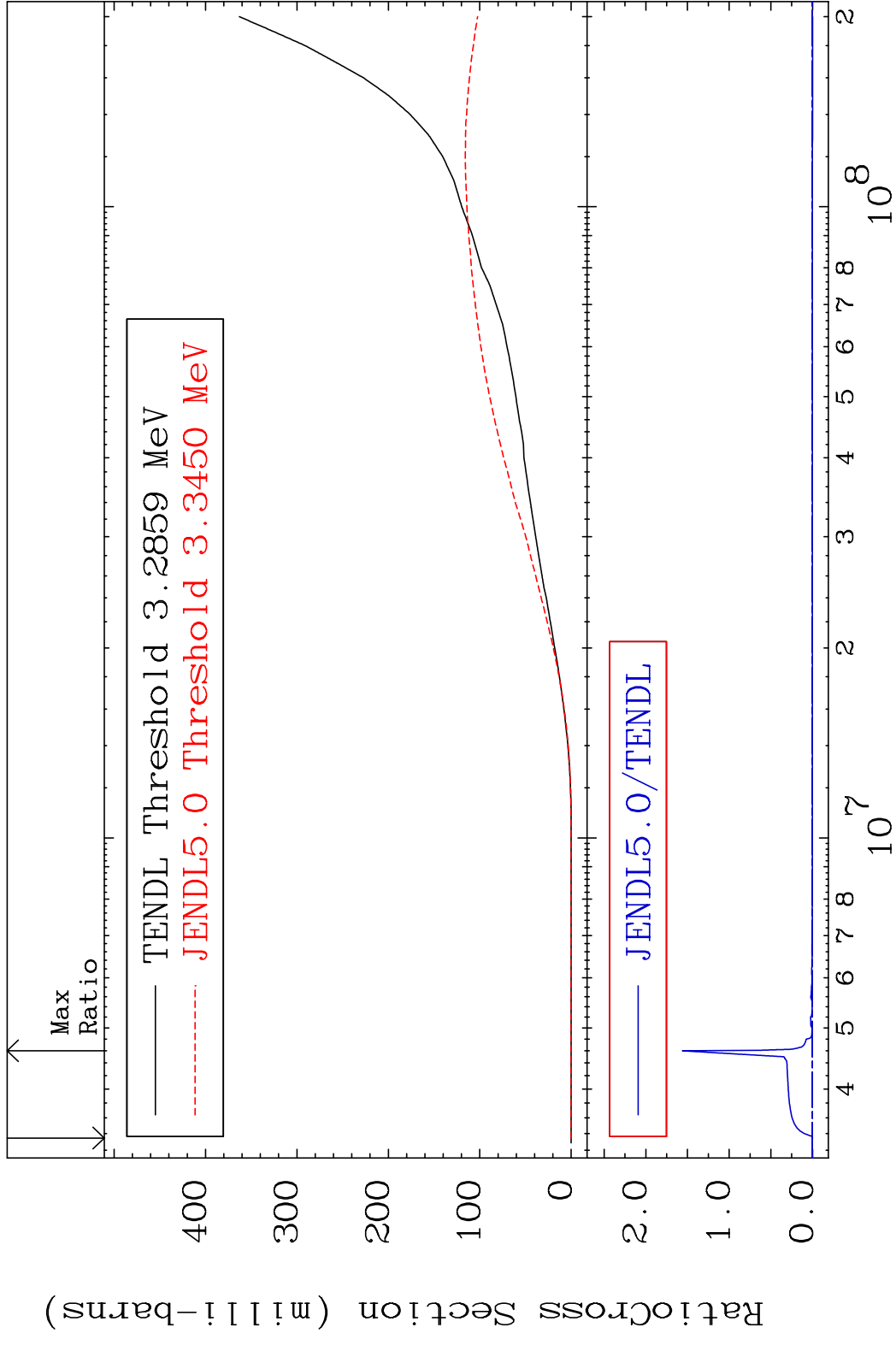
49

Incident Energy (eV)

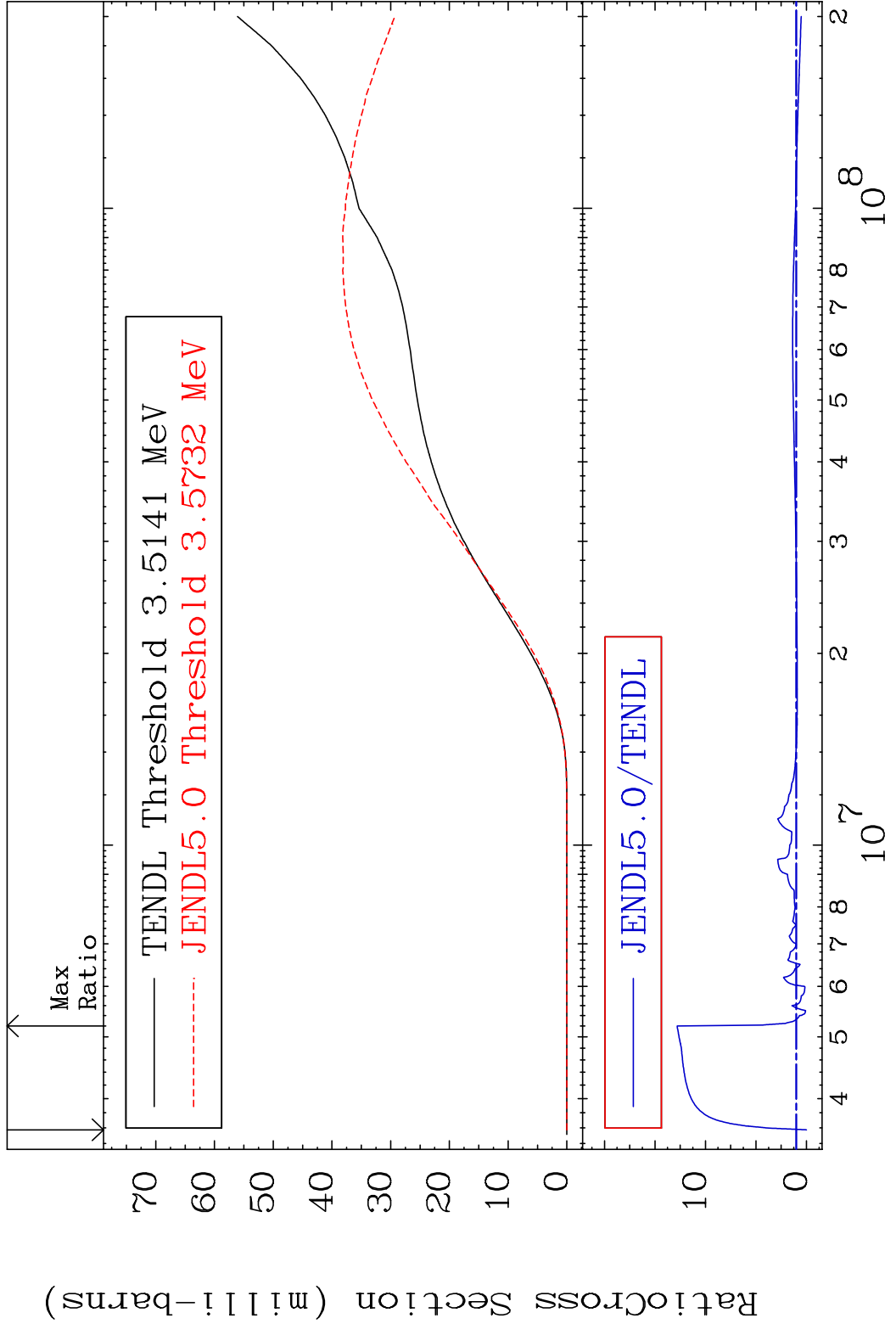
51-Sb-120m

MAT 5123

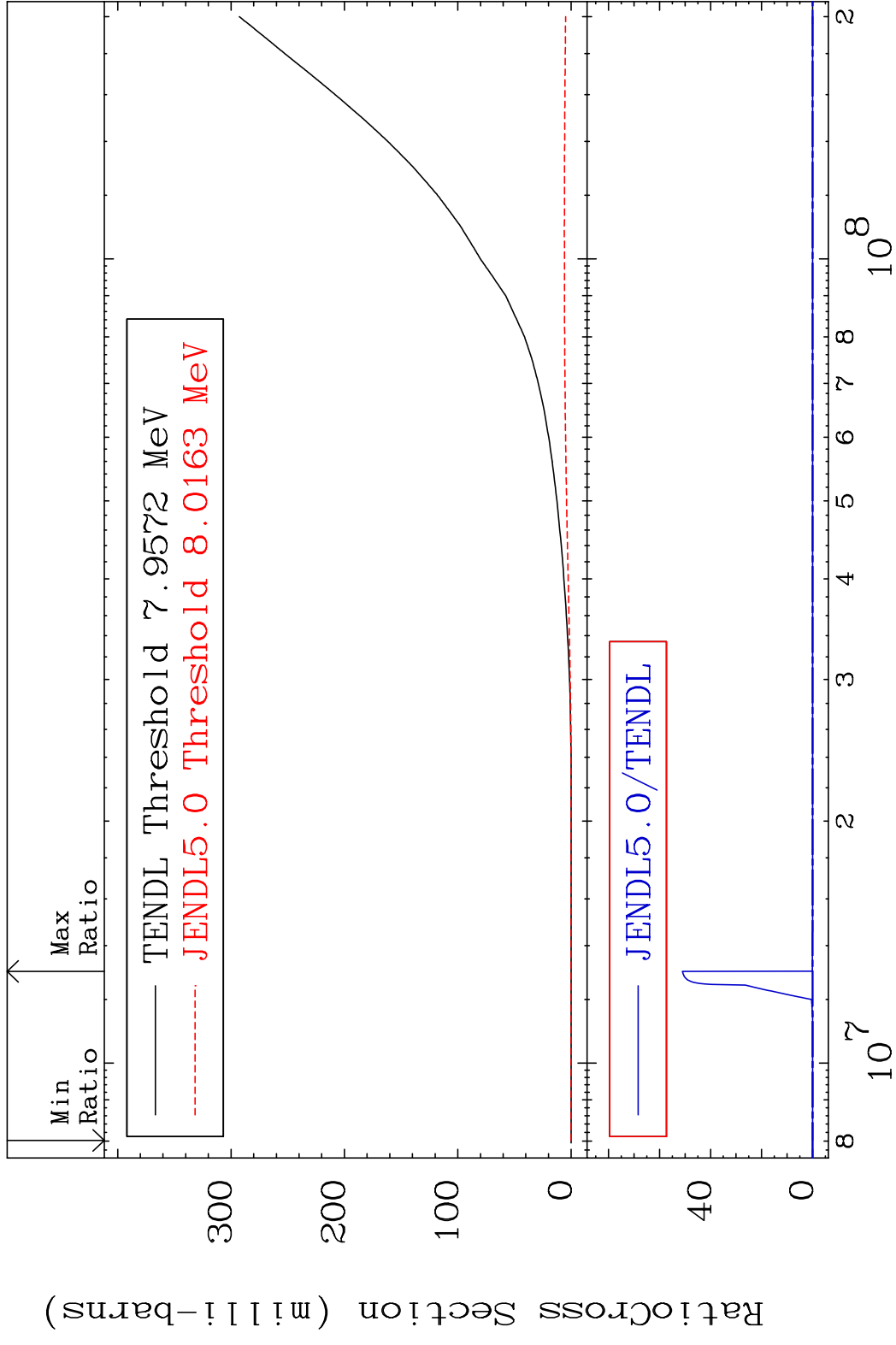
Deuterium Production 51-Sb-120m
Cross Section -100.0 To 9999. %



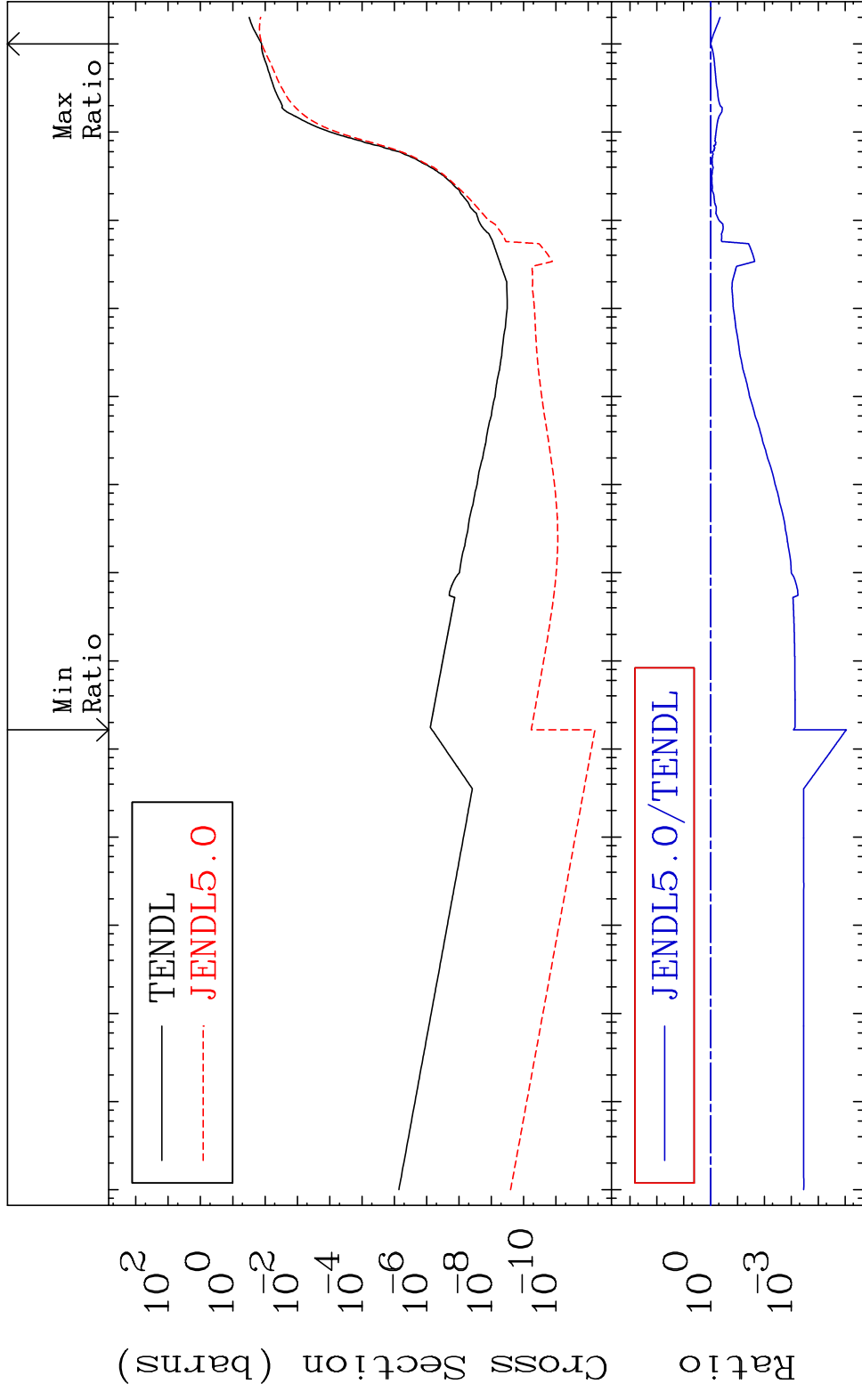
MAT 5123 Tritium Production 51-Sb-120m
 Cross Section -100.0 To 1180. %



MAT 5123 He-3 Production 51-Sb-120m
 Cross Section -100.0 To 9999. %

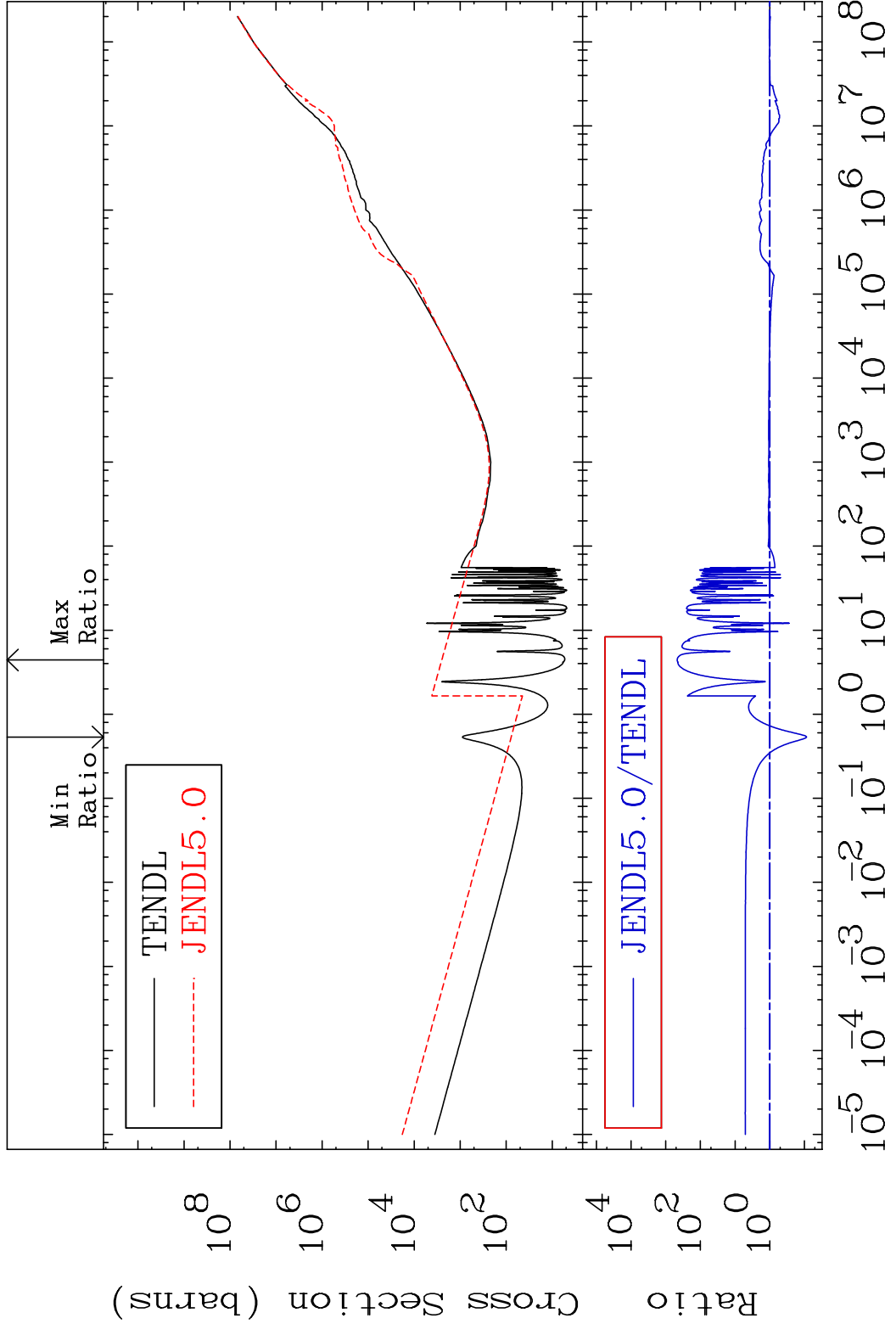


MAT 5123 He-4 Production 51-Sb-120m
 Cross Section -100.0 To -0.348%

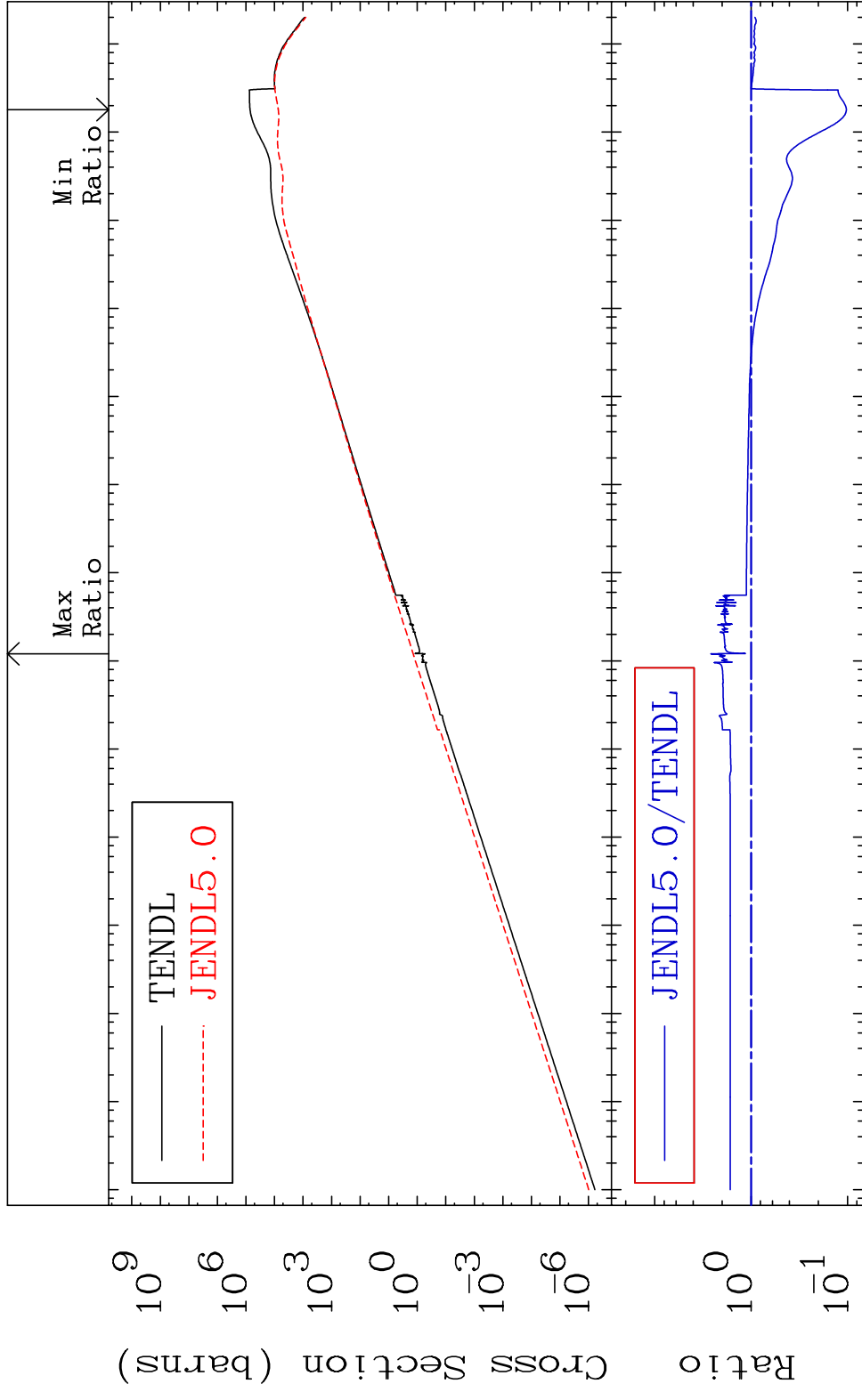


Incident Energy (eV) 51-Sb-120m

MAT 5123 Kerma total (eV-barns) 51-Sb-120m
 Cross Section -91.22 To 9999. %



MAT 5123 Kerma elastic 51-Sb-120m
 Cross Section -89.72 To 162.6 %



Ratio

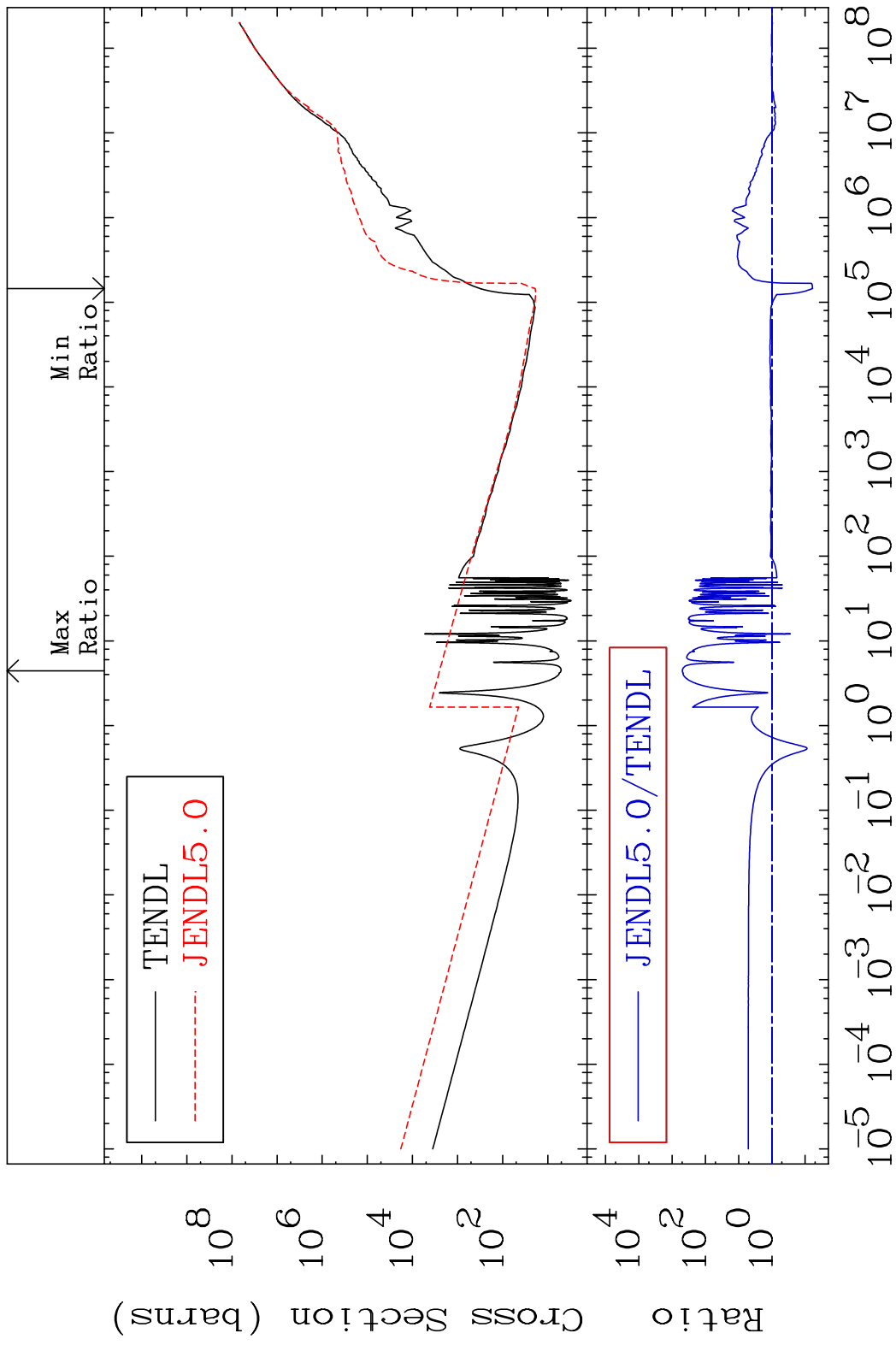
10⁹
10⁶
10³
10⁰
10⁻³
10⁻⁶

10⁰
10⁻¹

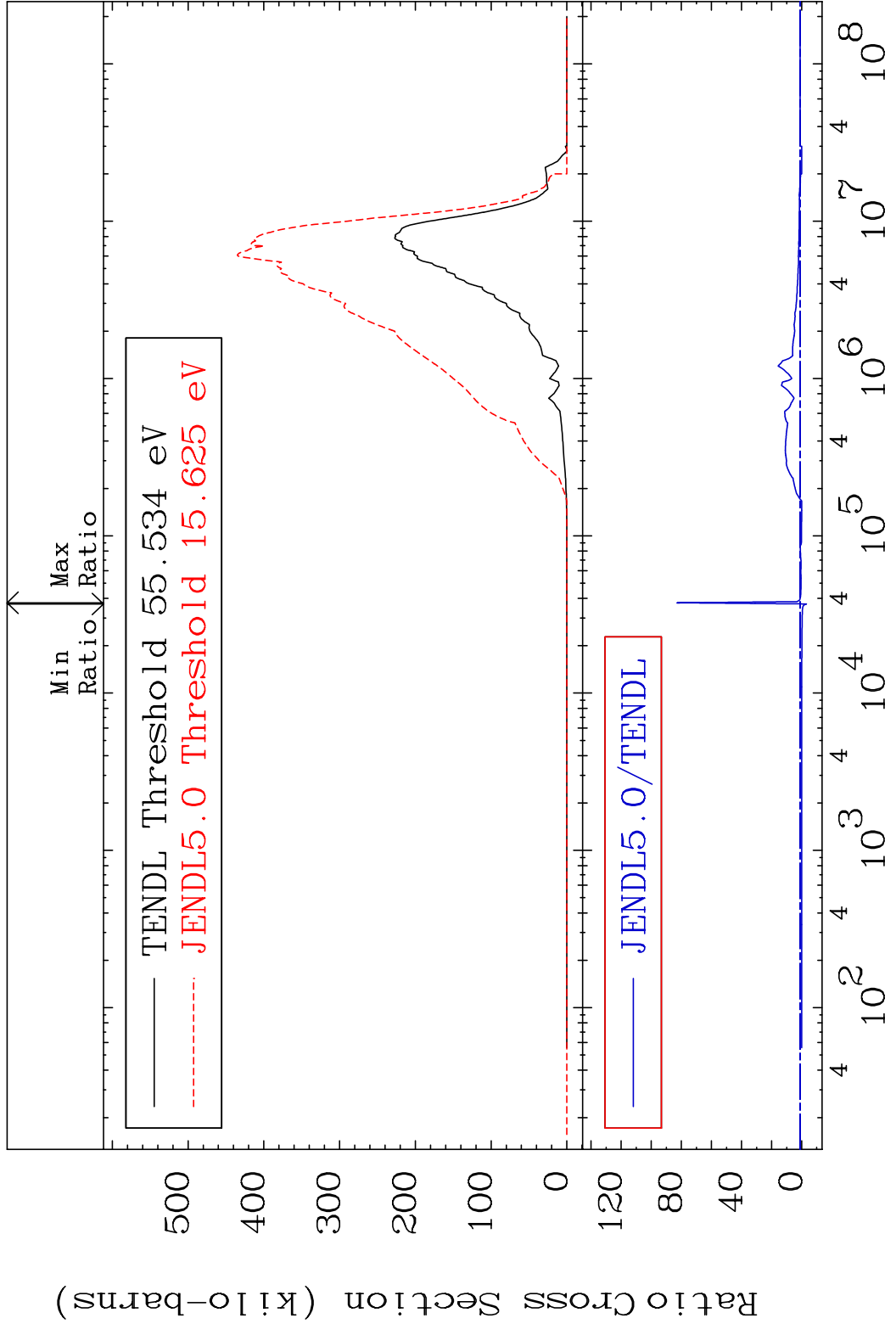
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

55 Incident Energy (eV) 51-Sb-120m

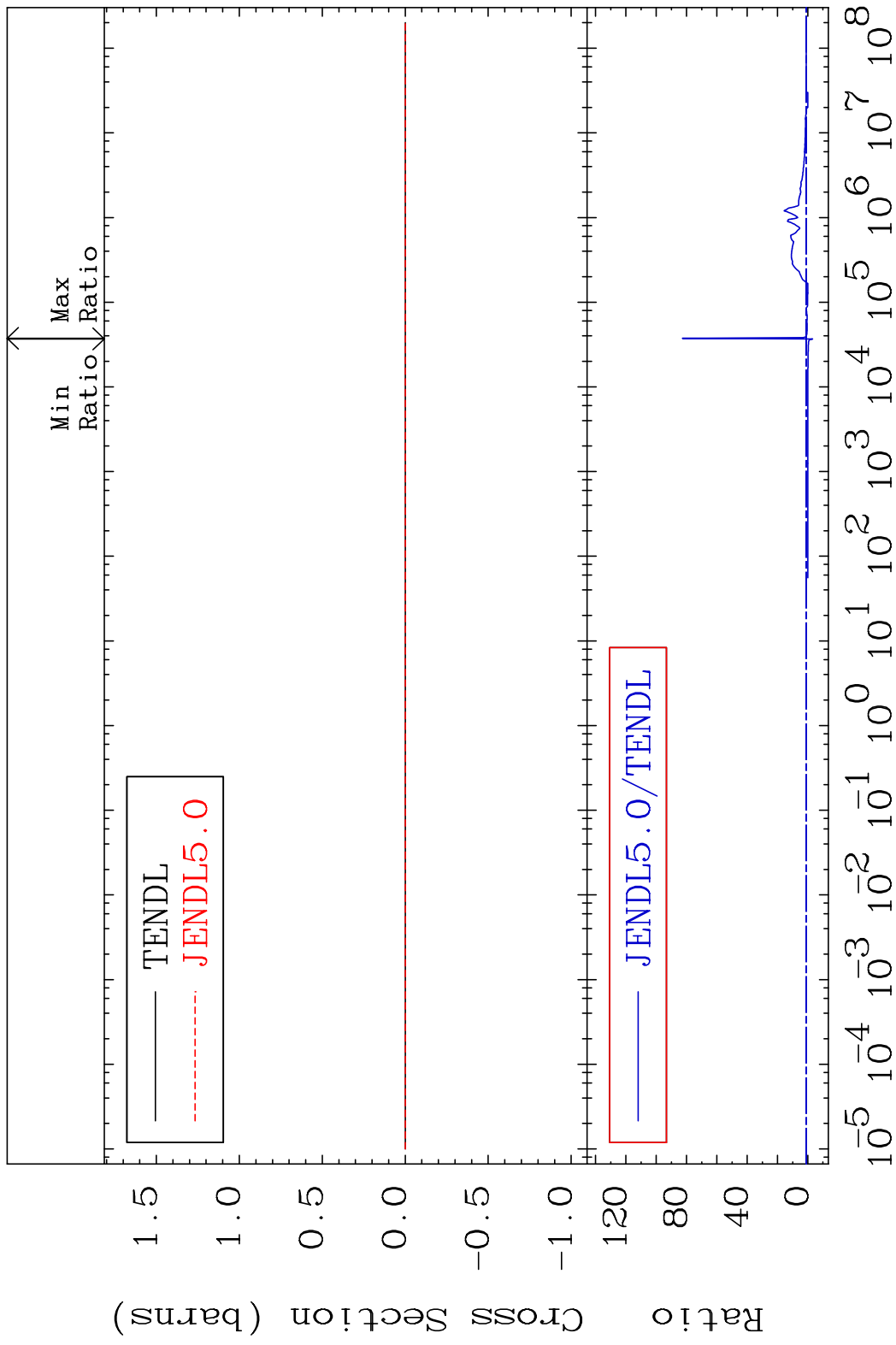
MAT 5123 Kerma non-elastic (all but mt2) 51-Sb-120m
 Cross Section -93.99 To 9999. %



MAT 5123 Kerma inelastic (mt51-91) 51-Sb-120m
 Cross Section -412.8 To 8175. %

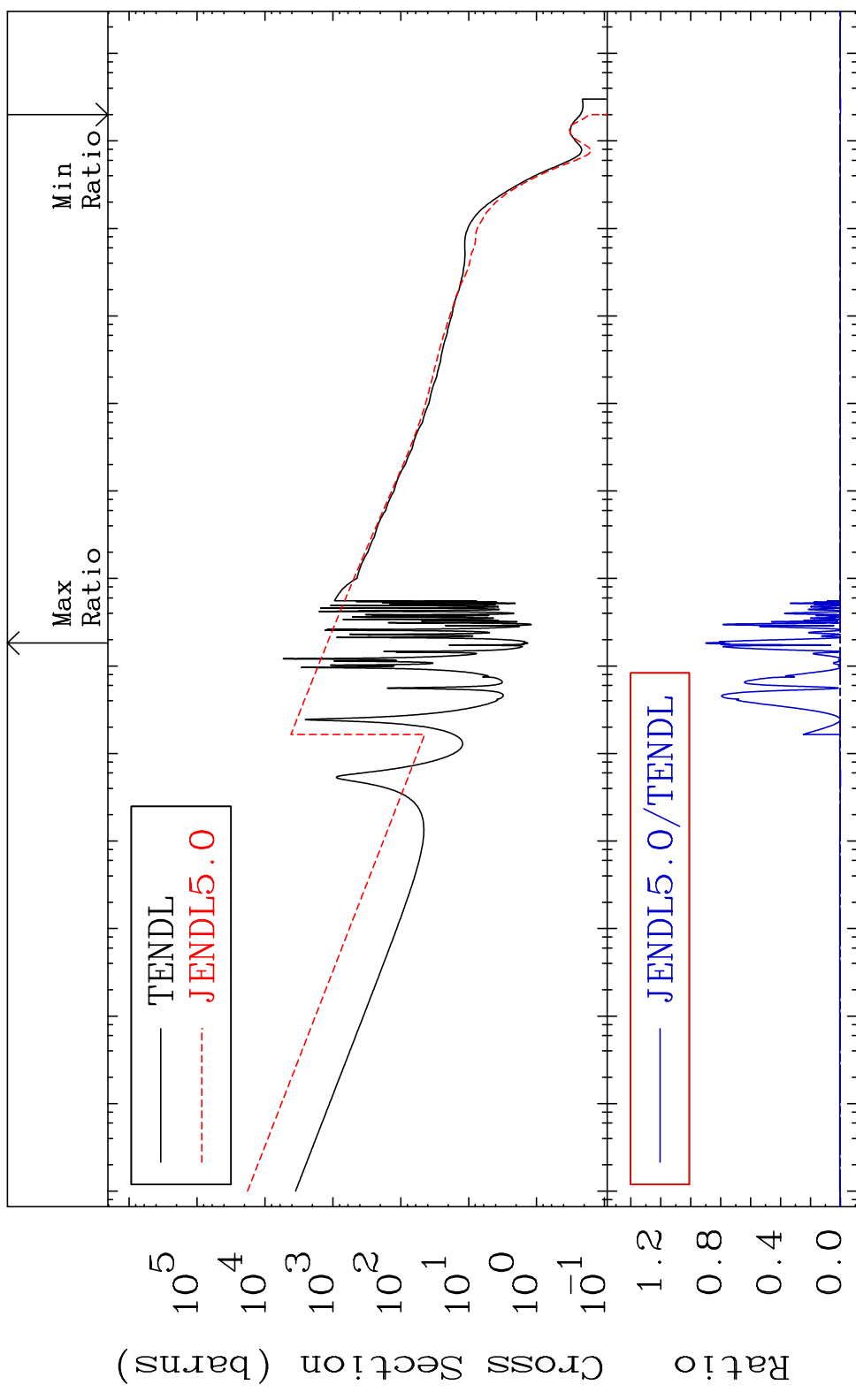


MAT 5123 Kerma fission (mt18 or mt19-20-21-35)-Sb-120m
 Cross Section -412.8 To 8175. %

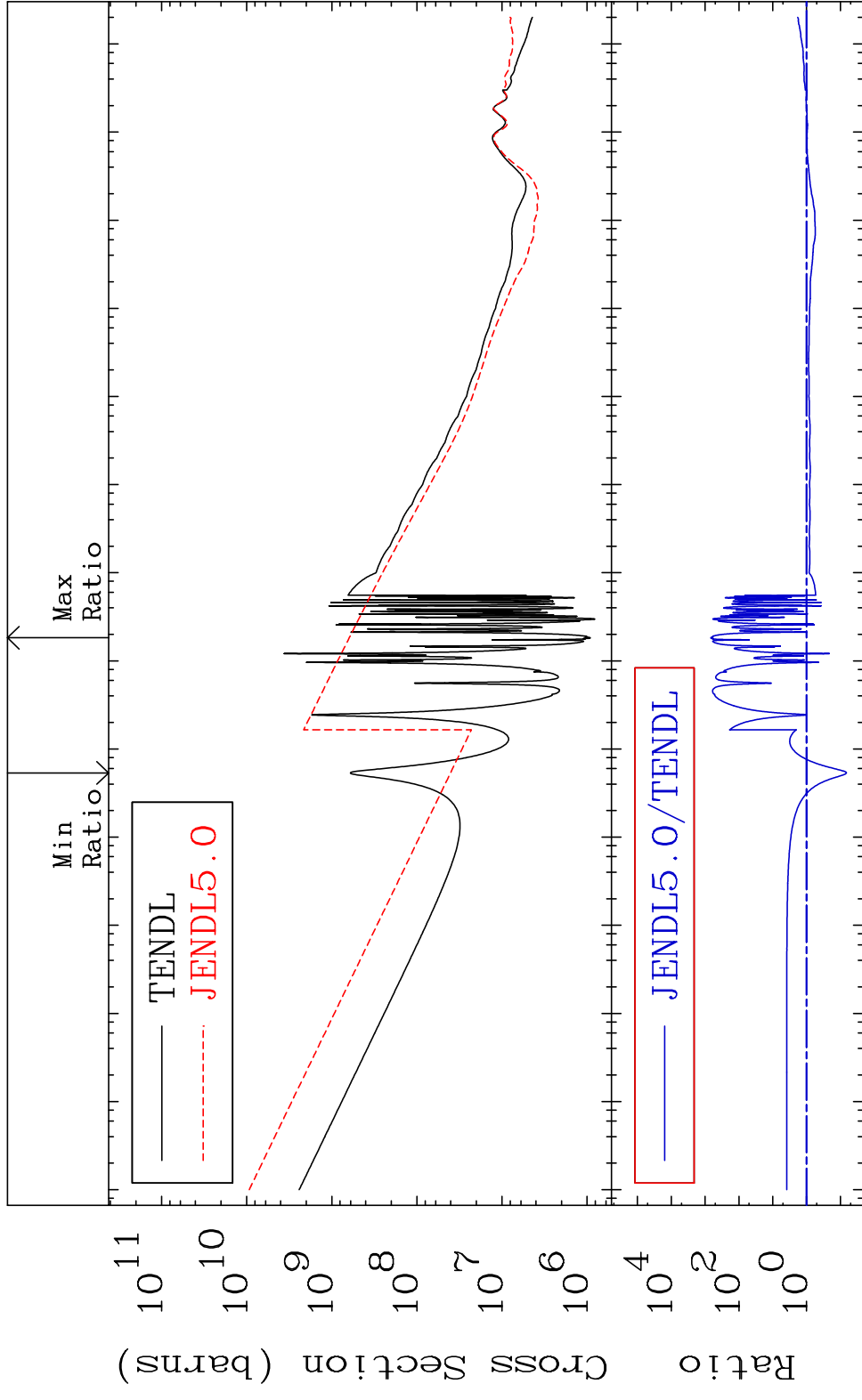


MAT 5123

Kerma capture (mt102) 51-Sb-120m
Cross Section -100.0 To 9999. %

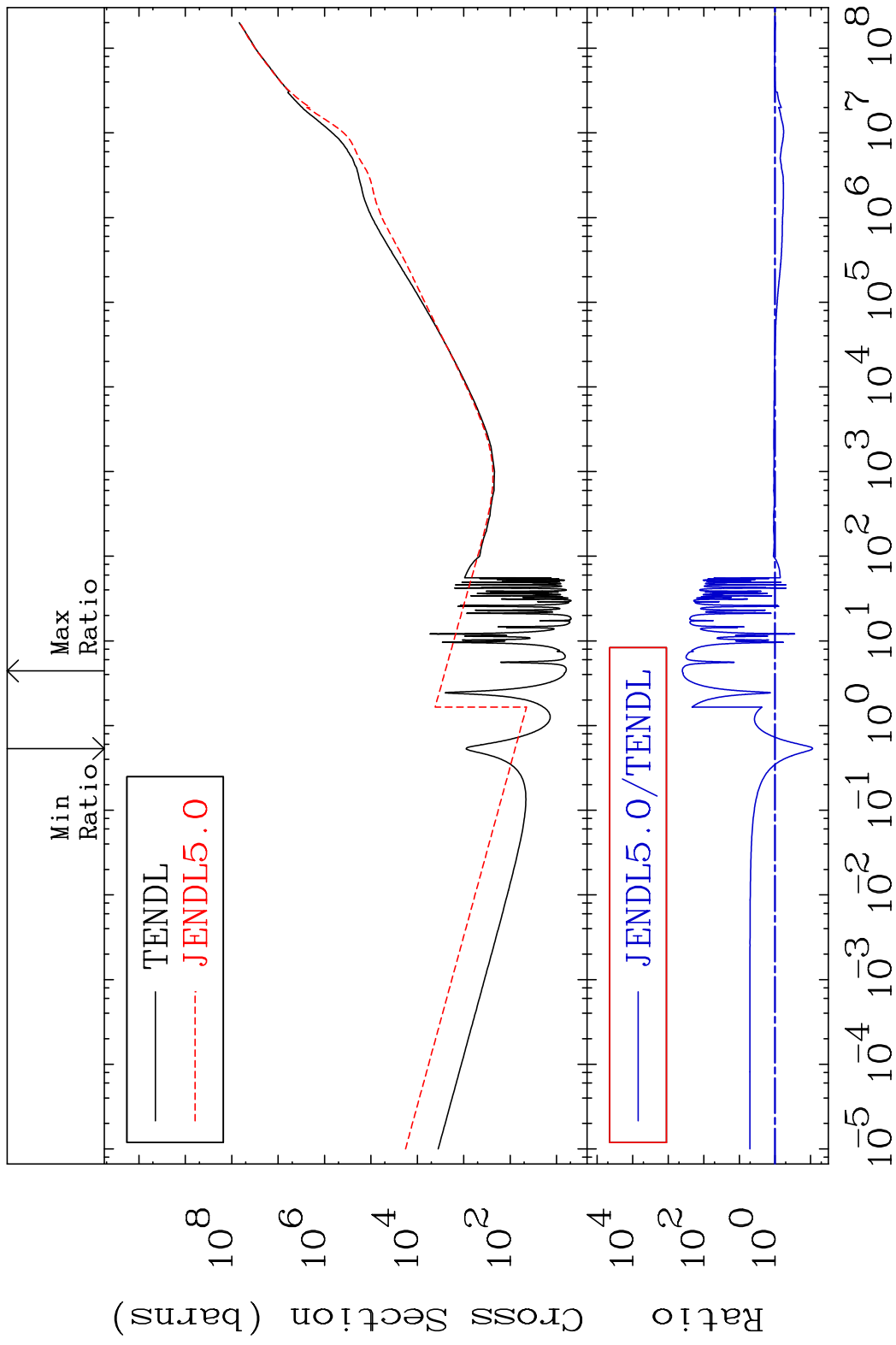


MAT 5123 Total photon (eV-barns) 51-Sb-120m
 Cross Section -93.34 To 9999. %

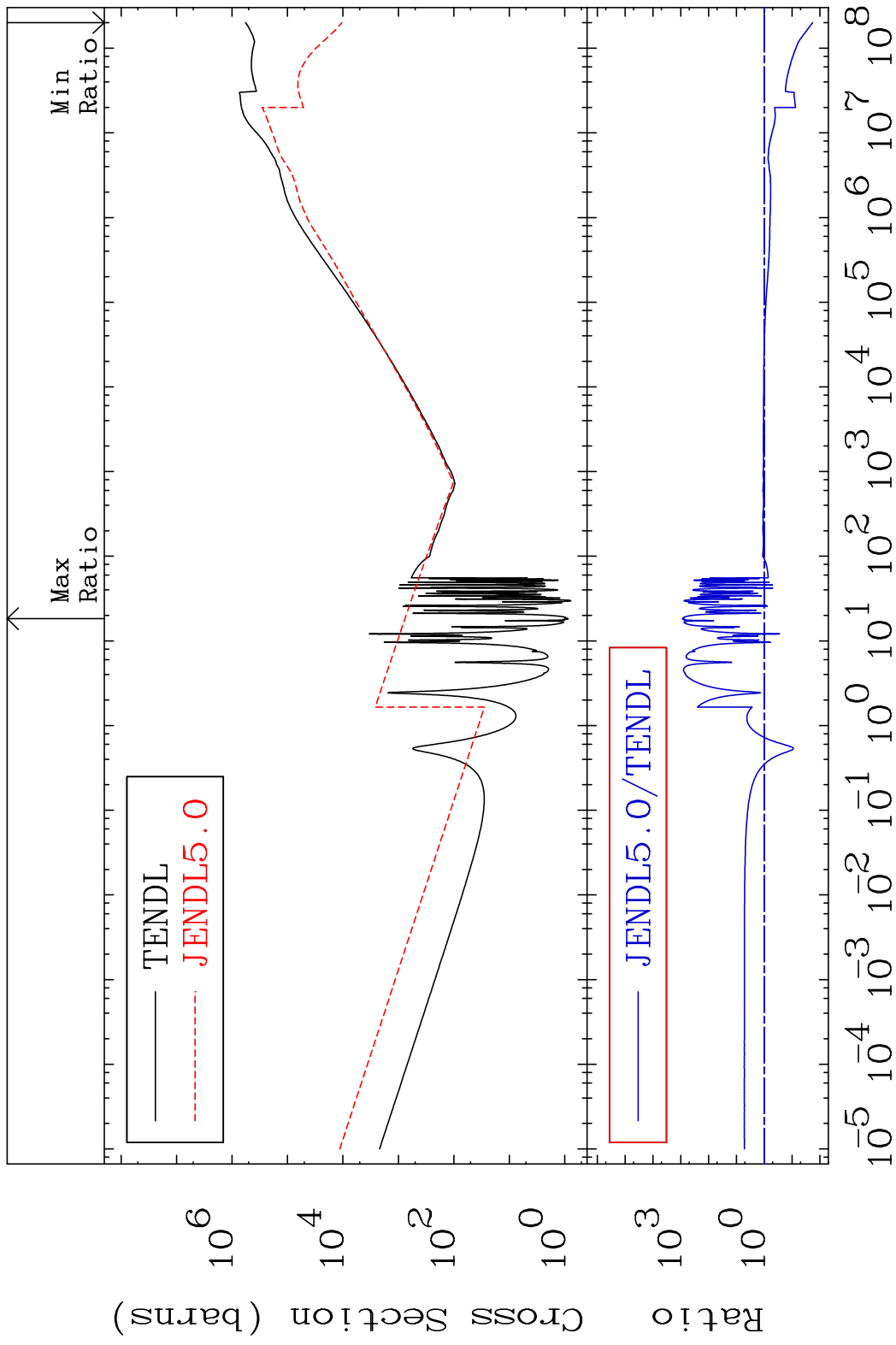


60 Incident Energy (eV) 51-Sb-120m

MAT 5123 Total kinematic kerma (high limit)51-Sb-120m
 Cross Section -91.22 To 9999. %

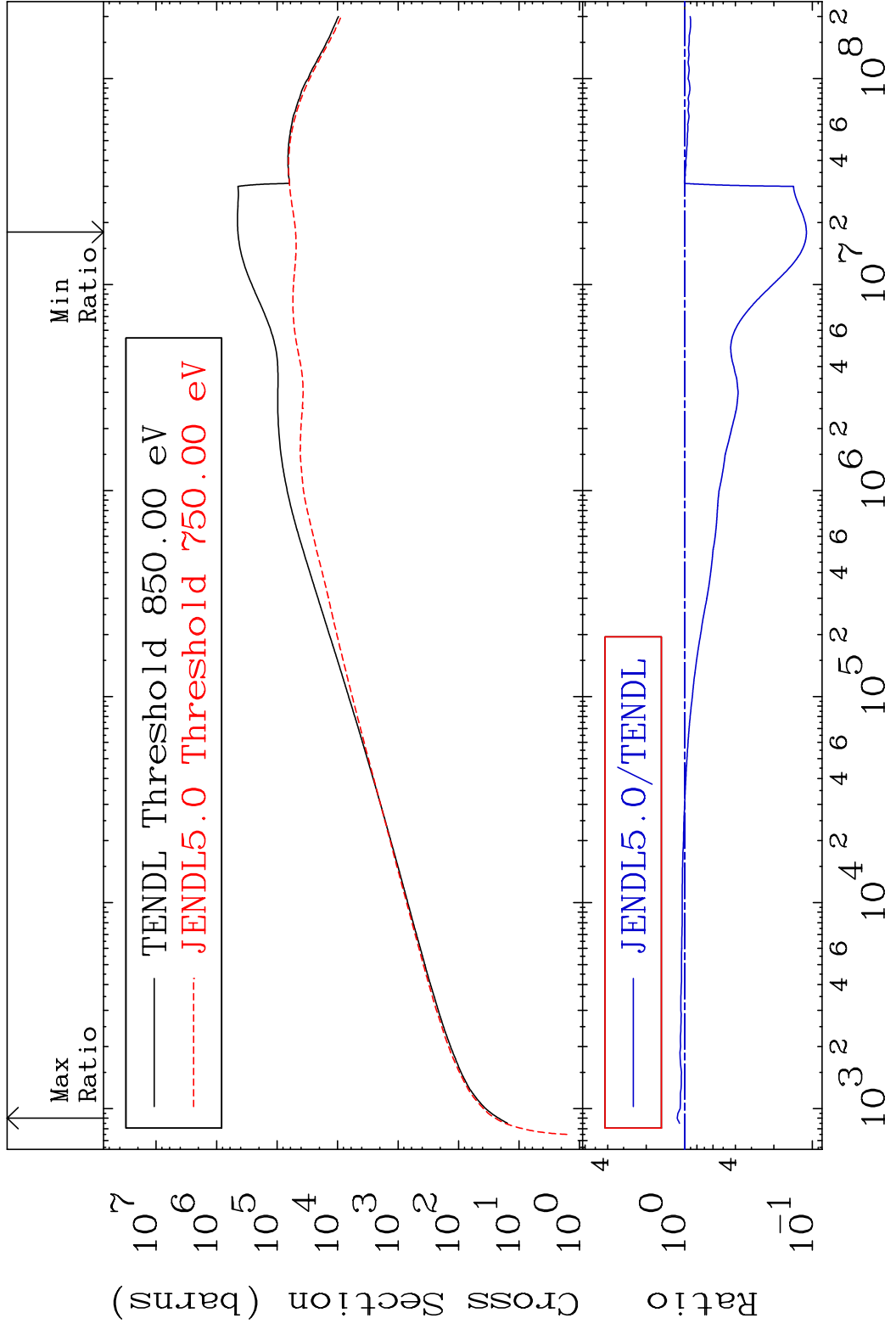


MAT 5123 Dpa total (eV-barns) 51-Sb-120m
 Cross Section -98.16 To 9999. %

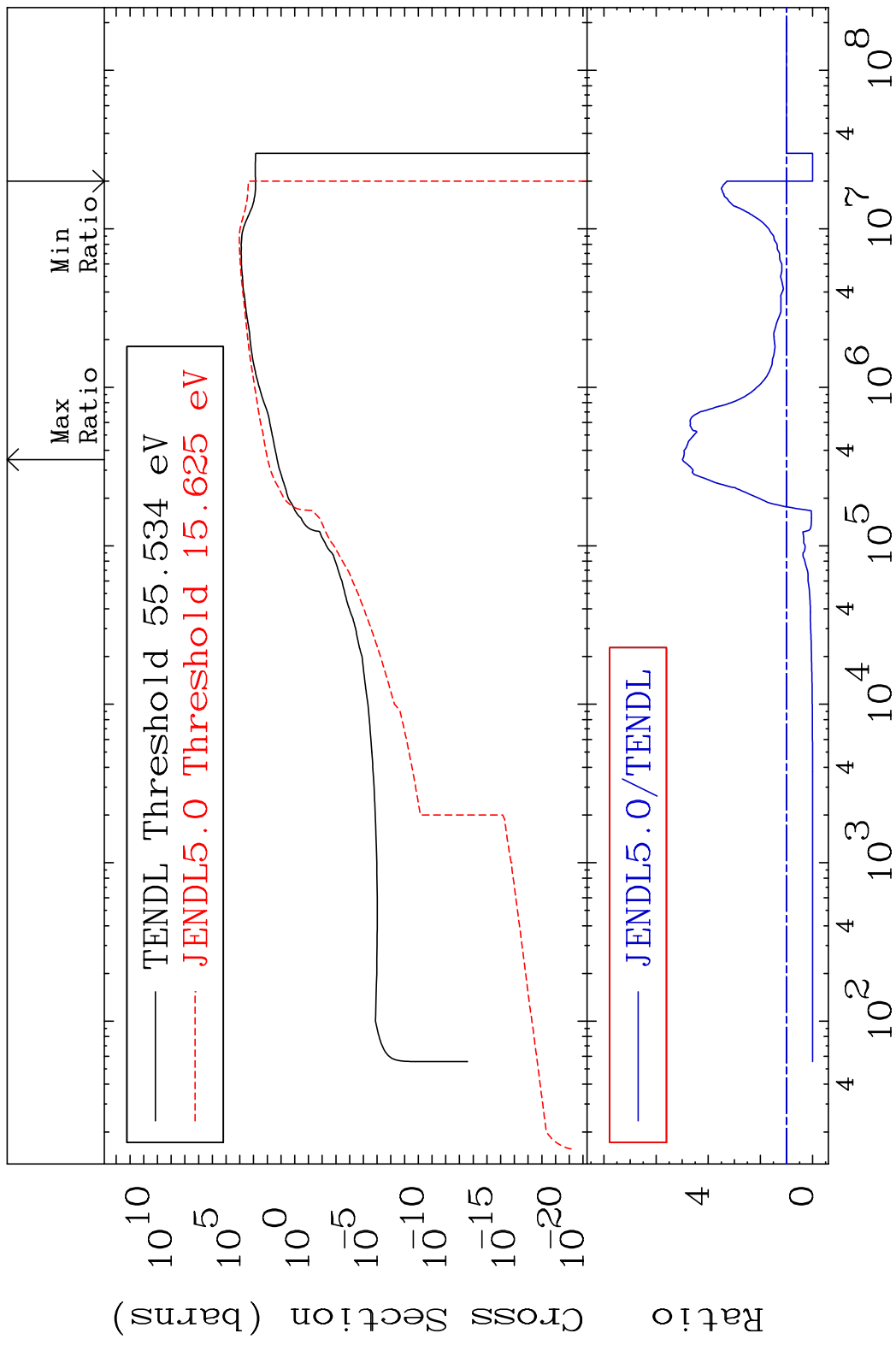


62 Incident Energy (eV) 51-Sb-120m

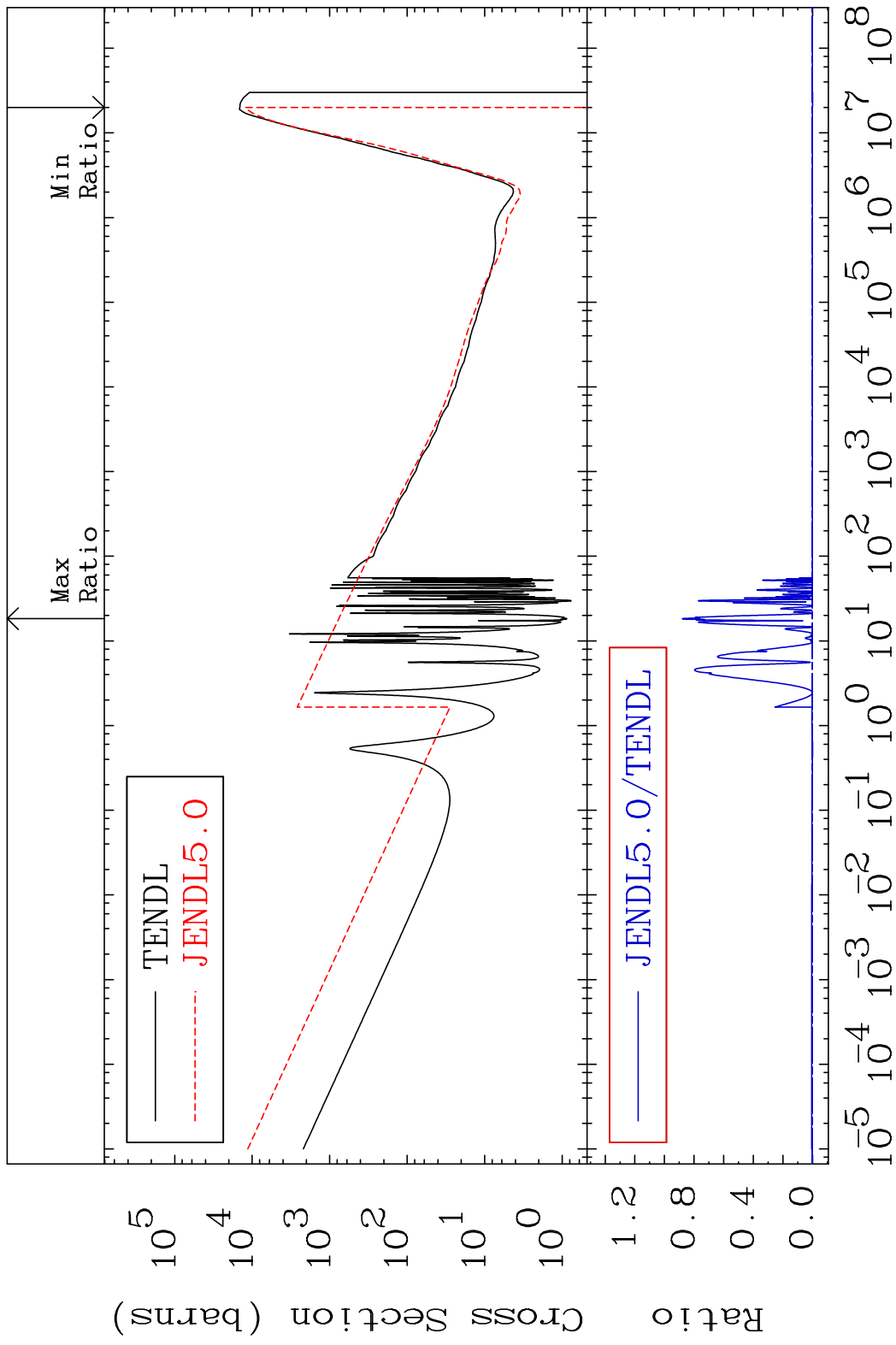
MAT 5123 Dpa elastic (mt2) 51-Sb-120m
 Cross Section -88.86 To 14.34 %



MAT 5123 Dpa inelastic (mt51-91) 51-Sb-120m
 Cross Section -100.0 To 399.4 %

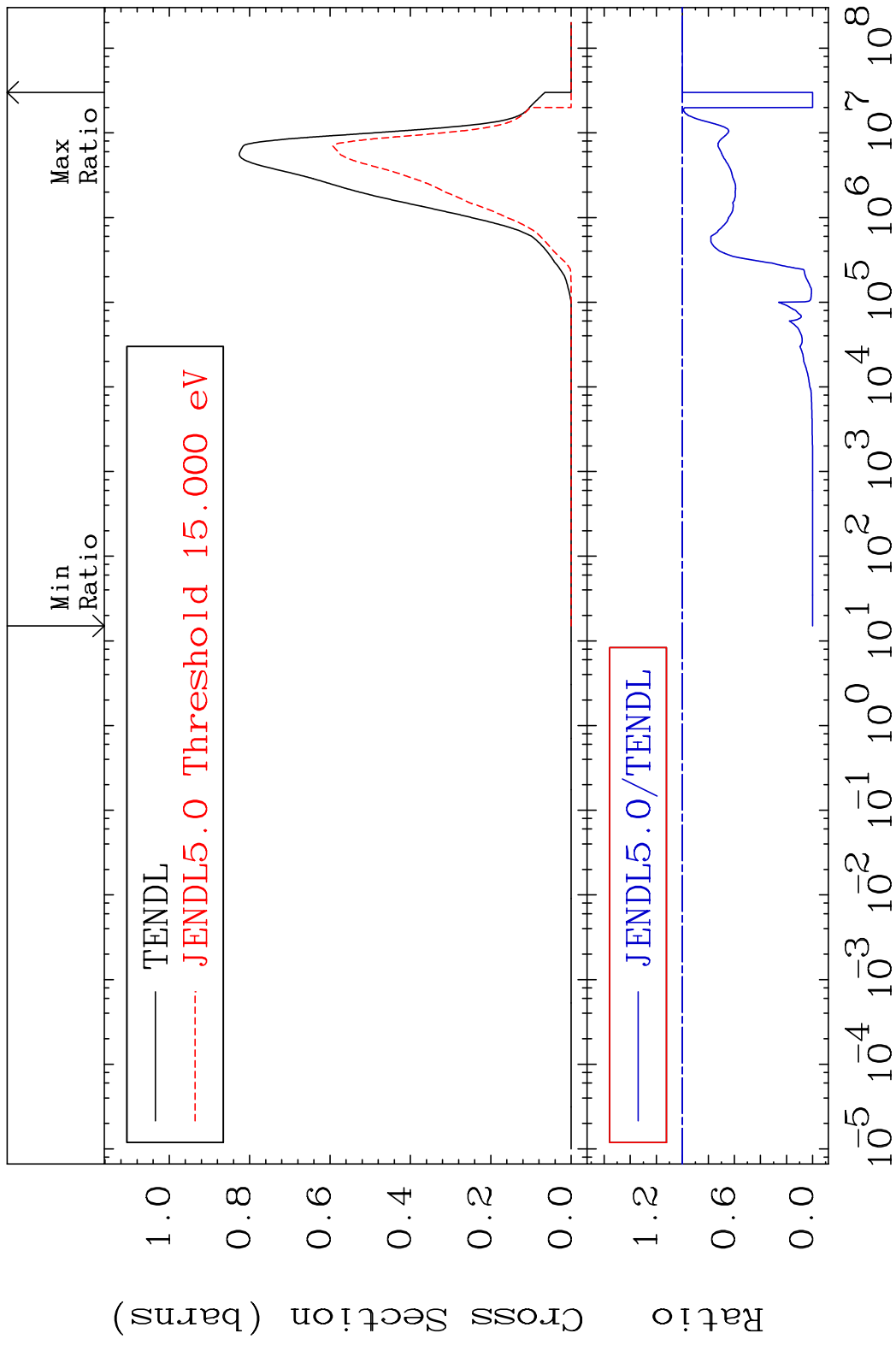


MAT 5123 Dpa disappearance (mt102 -120) 51-Sb-120m
 Cross Section -100.0 To 9999. %

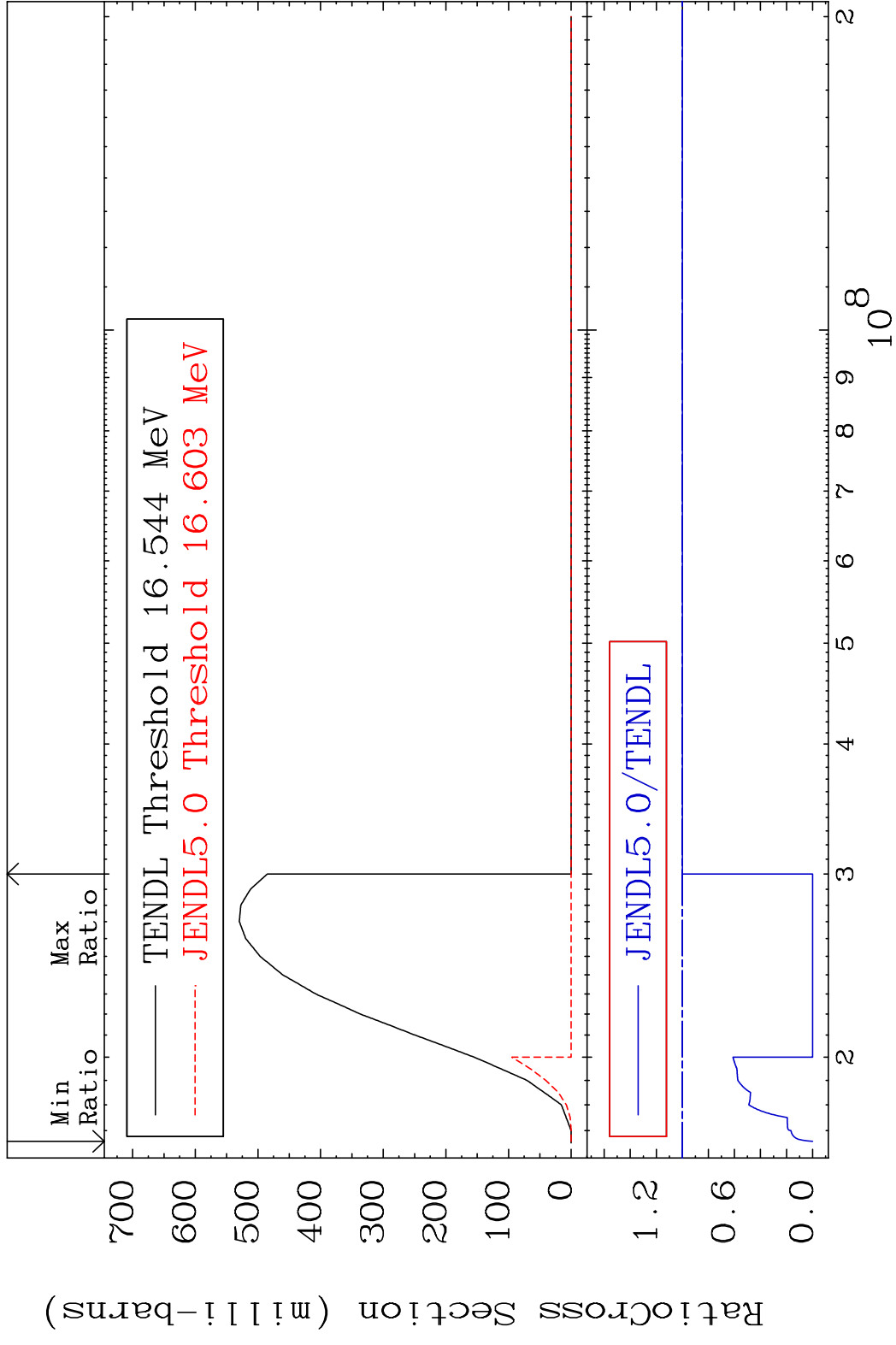


65 Incident Energy (eV) 51-Sb-120m

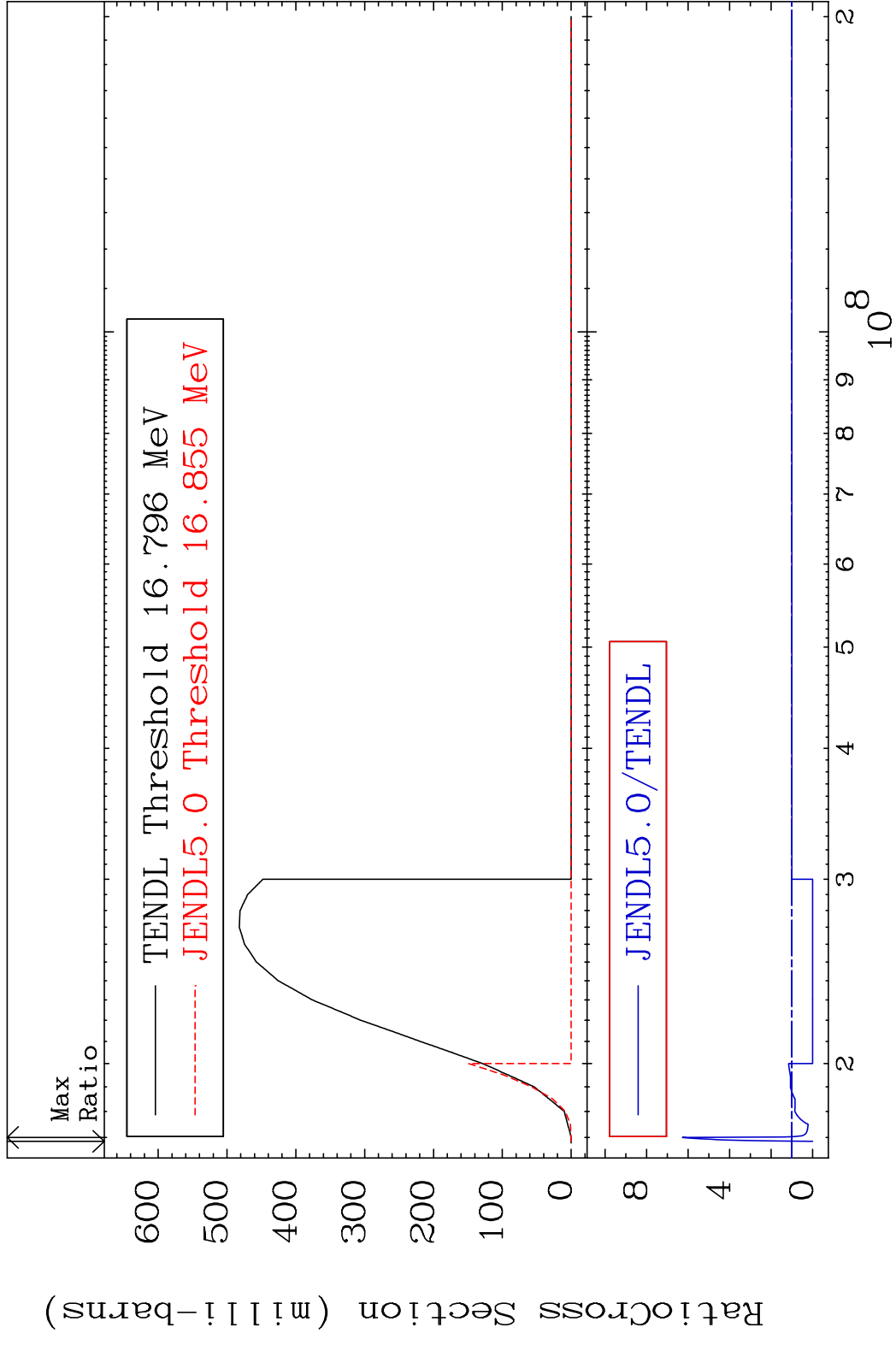
MAT 5123 Inelastic:51-Sb-120g 51-Sb-120m
 Radionuclide Production Cross Section 1.000000 0.000 %



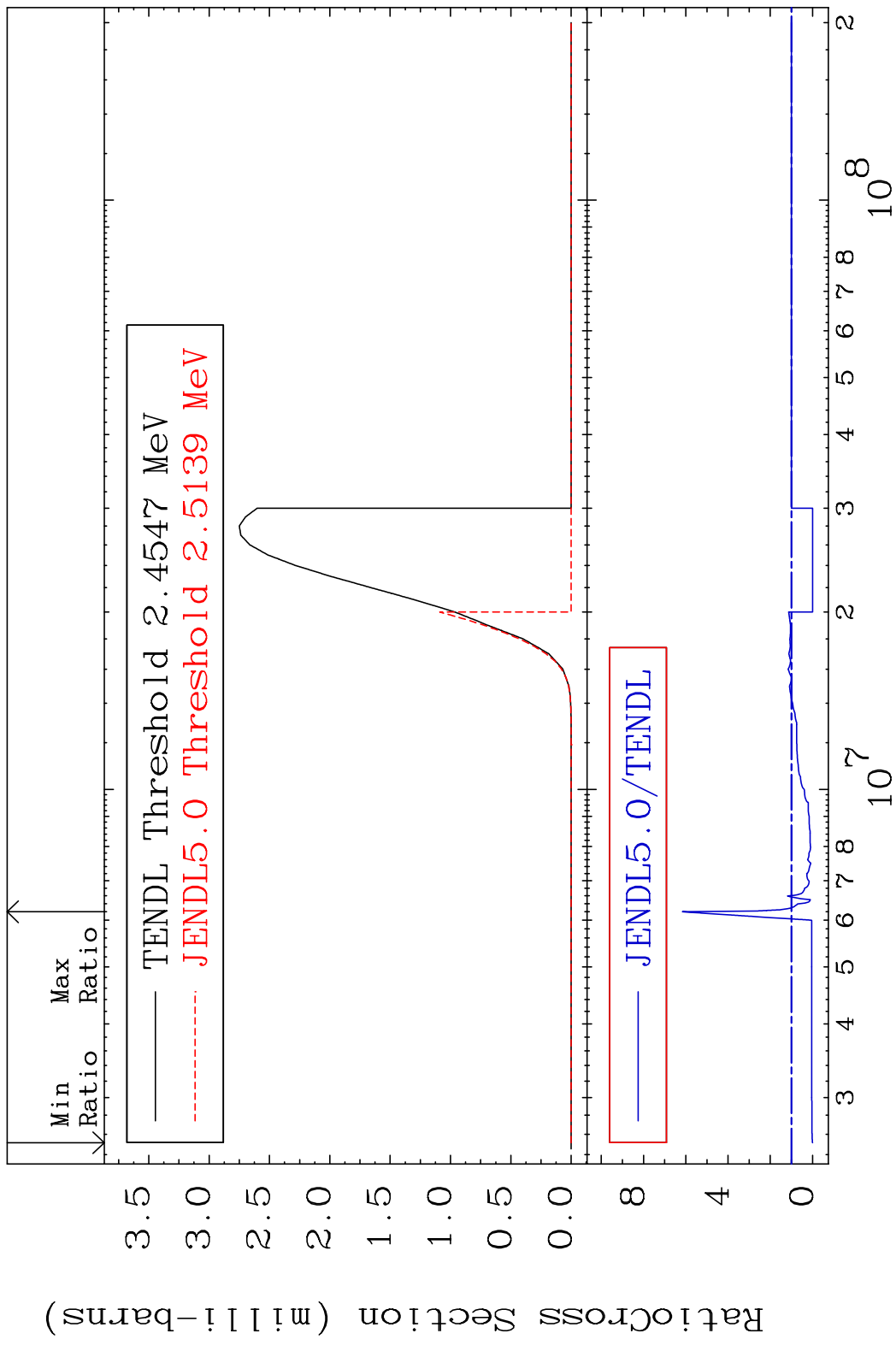
MAT 5123 (n,3n):51-Sb-118g 51-Sb-120m
 Radionuclide Production Cross Section 100.000 %
 0.000 %



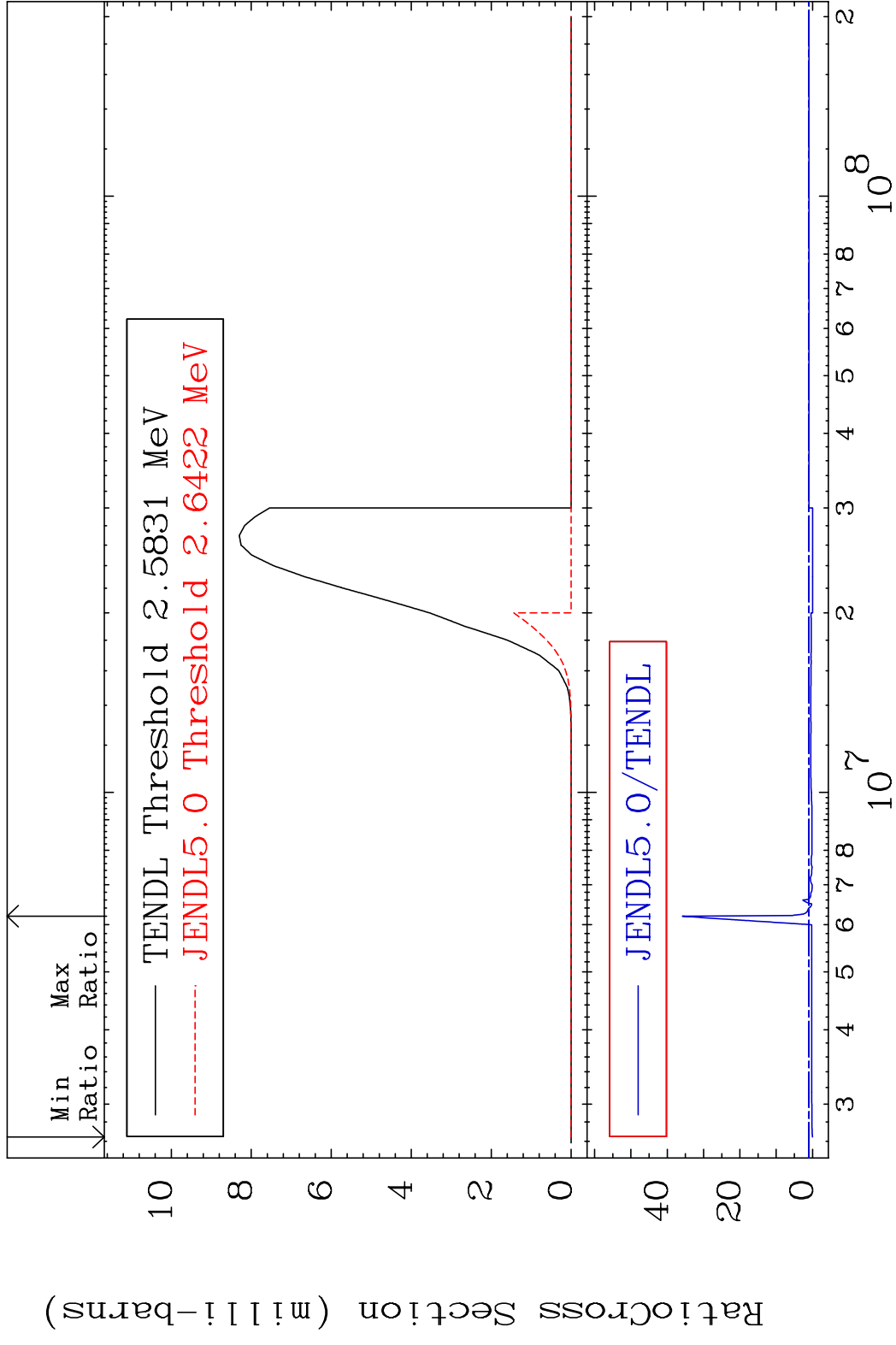
MAT 5123 (n, 3n):51-Sb-118m7 51-Sb-120m
 Radionuclide Production Cross Section 180.01 dth 527.9 %



MAT 5123 (n, n') α :49-In-116g 51-Sb-120m
 Radionuclide Production Cross Section 180.0 dth 516.2 %

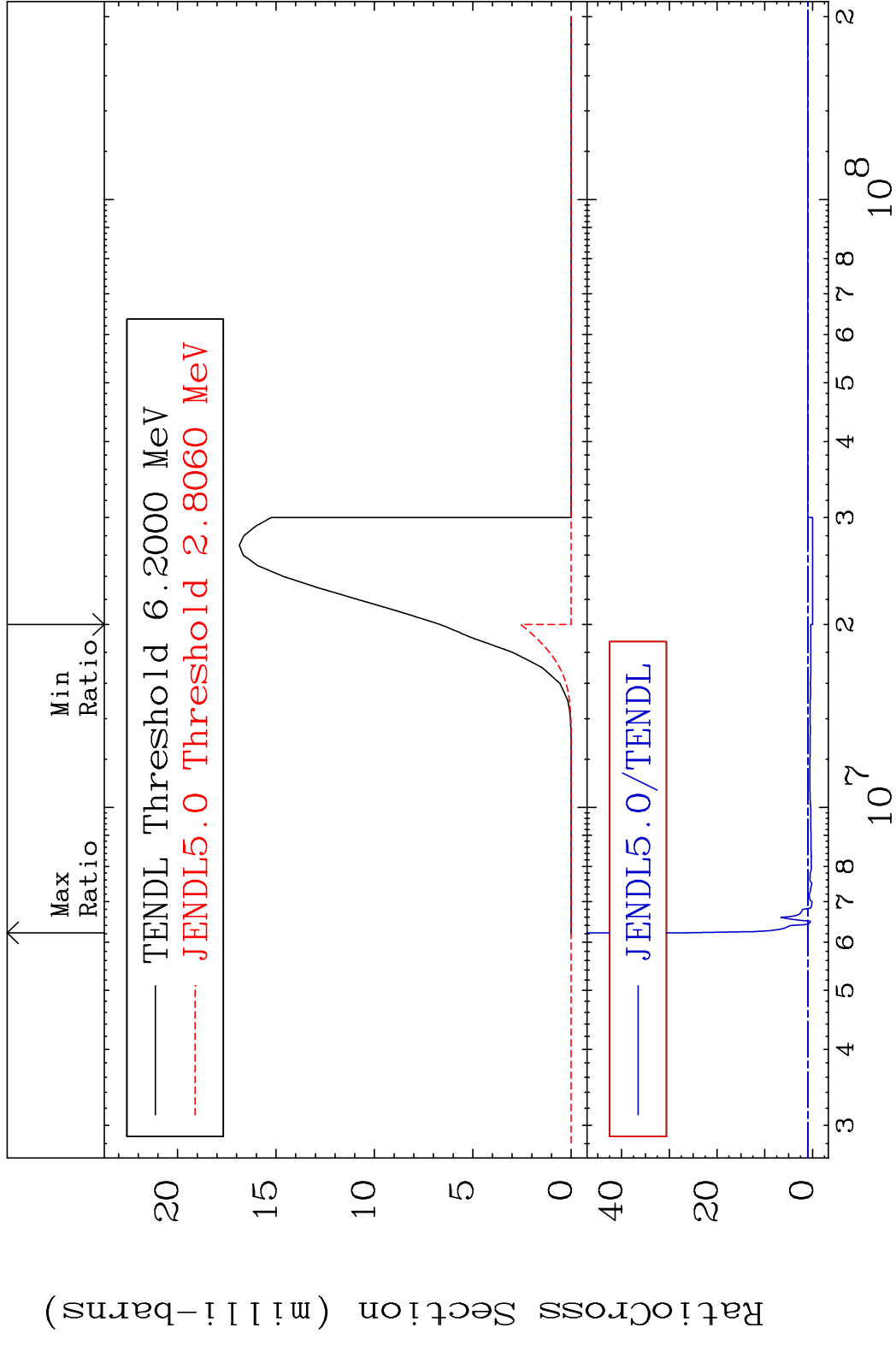


MAT 5123 (n, n') α :49-In-116m1 51-Sb-120m
 Radionuclide Production Cross Section to 3484. %

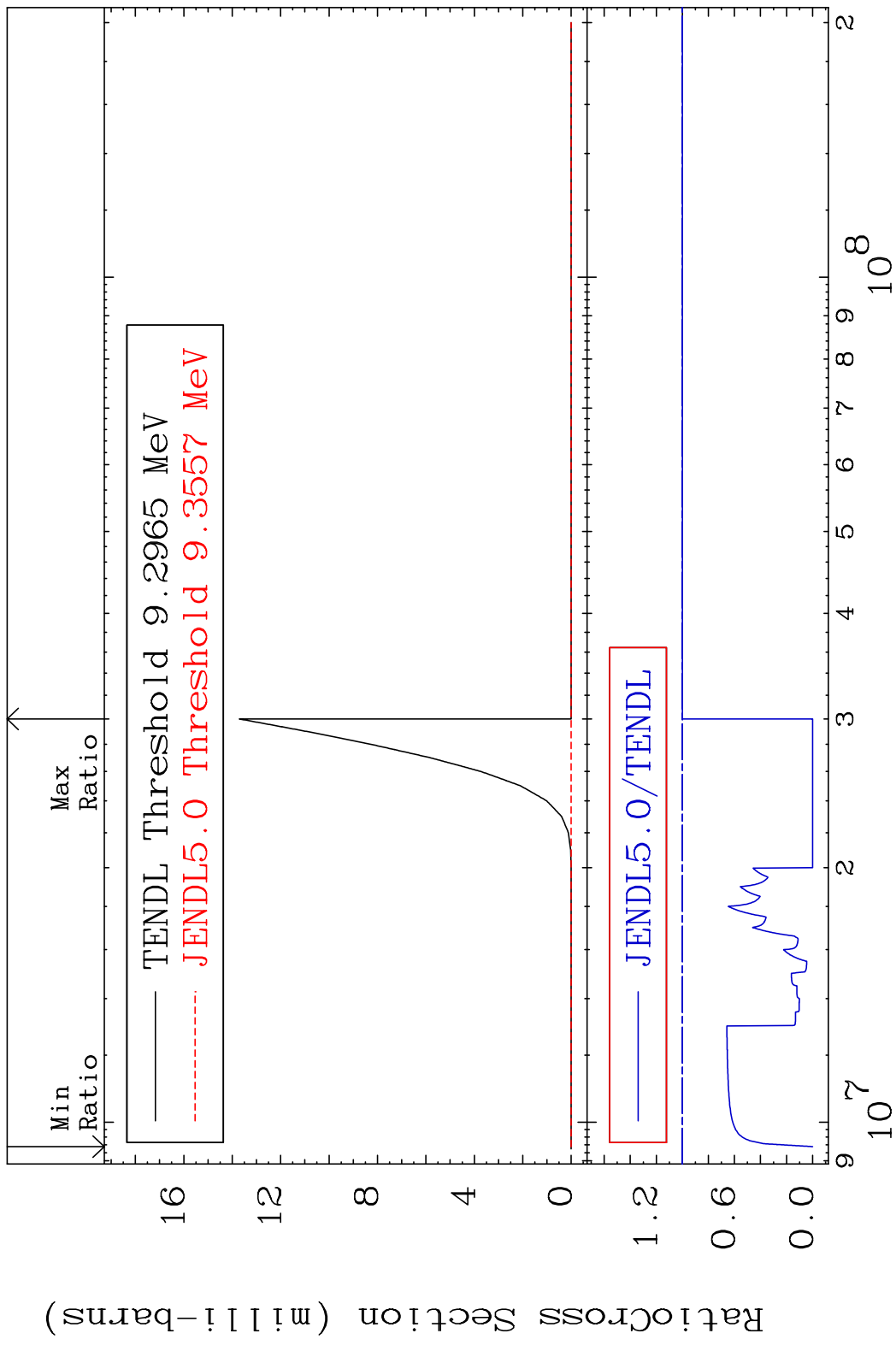


70 Incident Energy (eV) 51-Sb-120m

MAT 5123 (n, n') α :49-In-116m4 51-Sb-120m
 Radionuclide Production Cross Section 1800.0 dth 2627. %

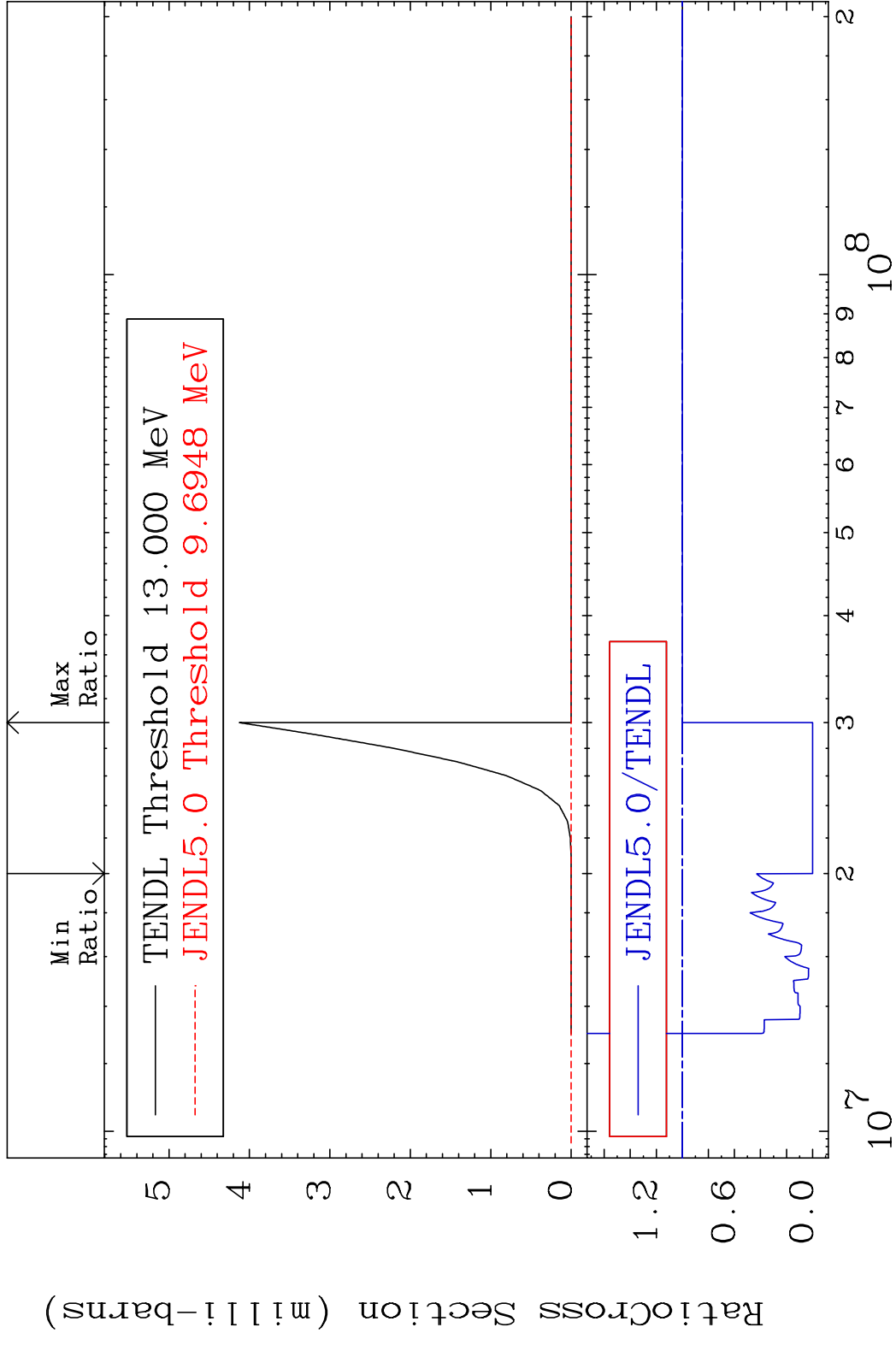


MAT 5123 (n,2n) α :49-In-115g 51-Sb-120m
 Radionuclide Production Cross Section Ratio 0.000 %



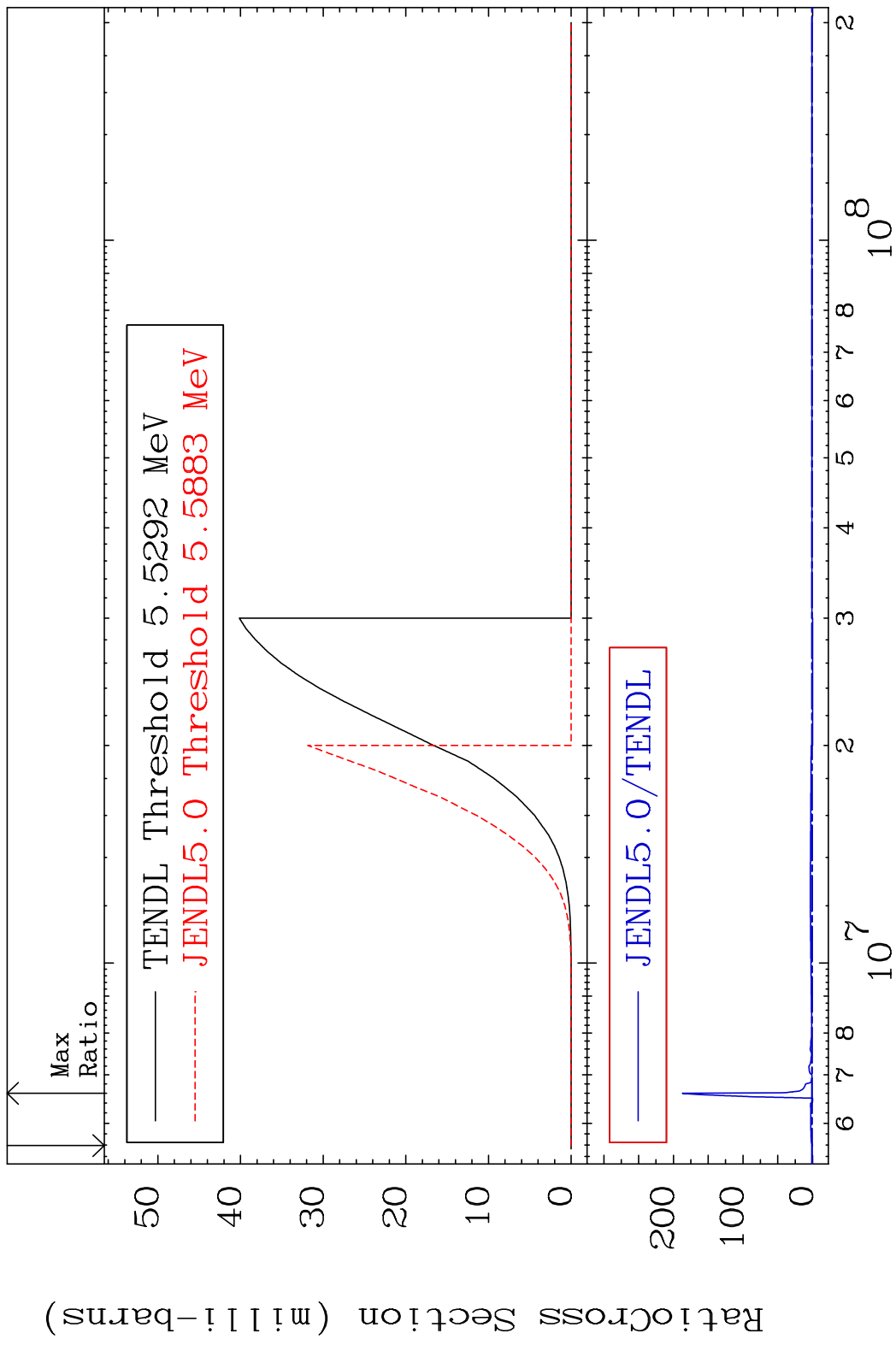
72 Incident Energy (eV) 51-Sb-120m

MAT 5123 (n,2n) α :49-In-115m1 51-Sb-120m
 Radionuclide Production Cross Section Ratio 0.000 %

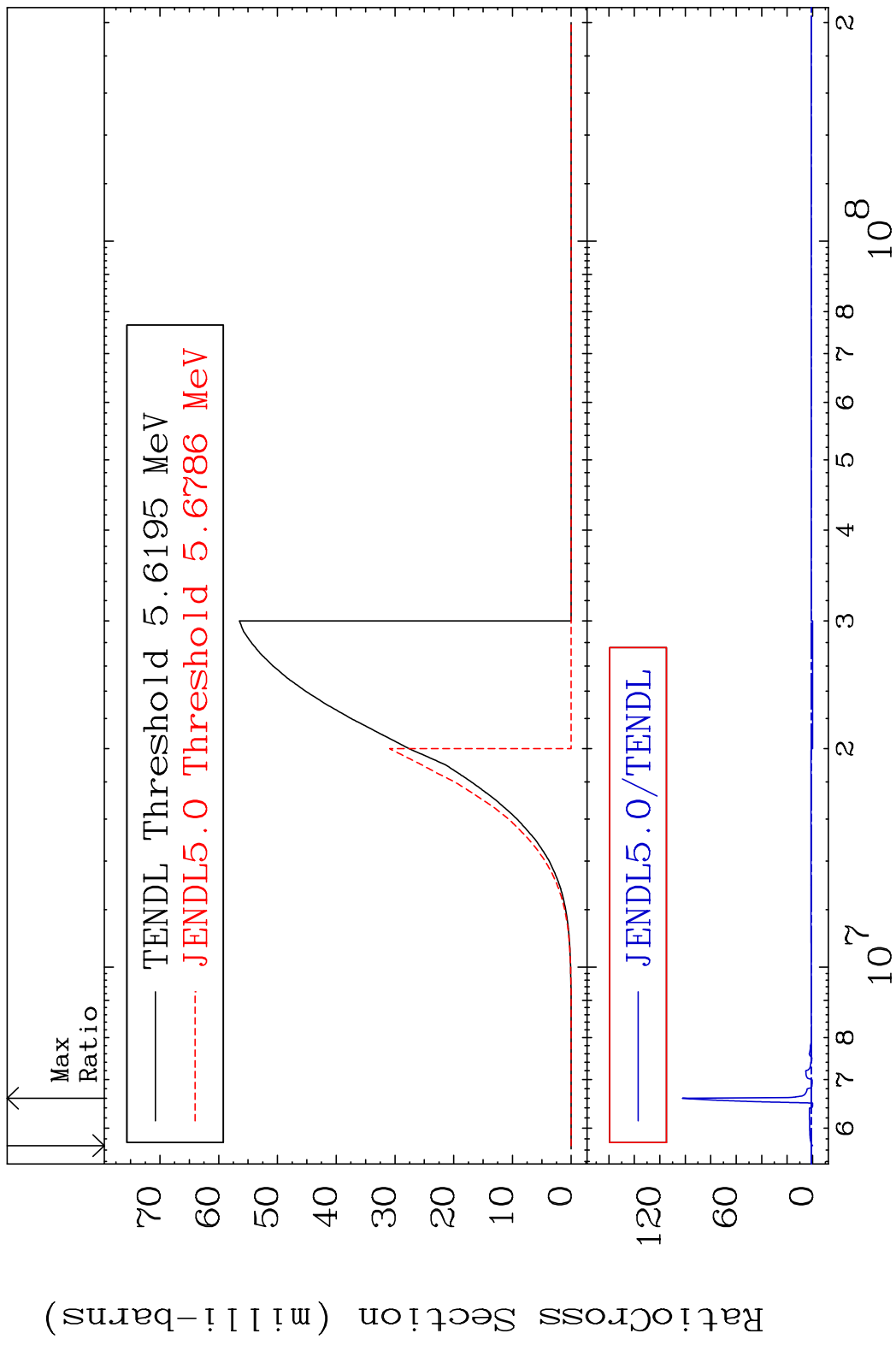


73 Incident Energy (eV) 51-Sb-120m

MAT 5123 (n, n') p:50-Sn-119g 51-Sb-120m
 Radionuclide Production Cross Section 180000 dth 9999. %

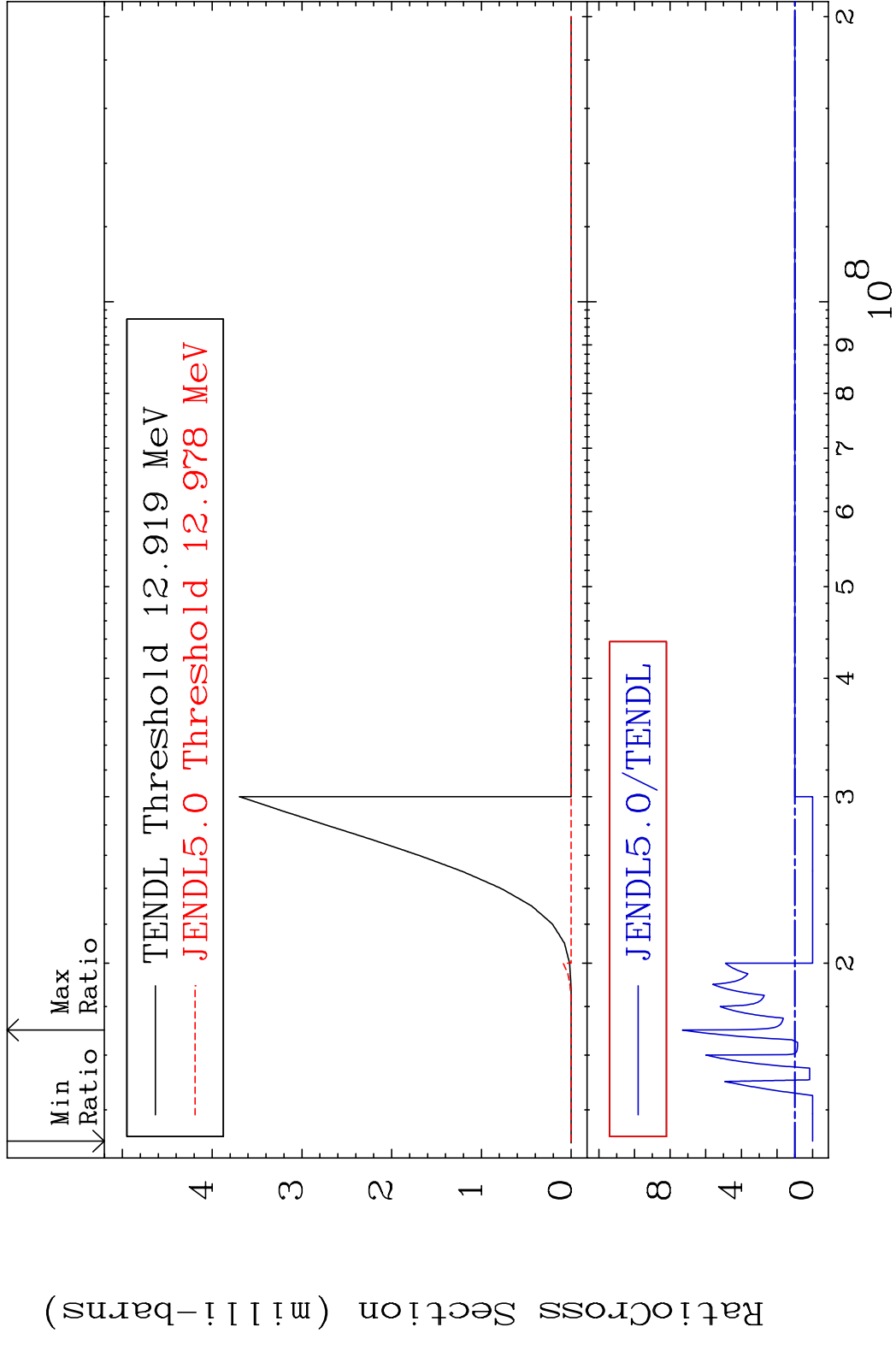


MAT 5123 (n, n') p:50-Sn-119m2 51-Sb-120m
 Radionuclide Production Cross Section to 9999. %

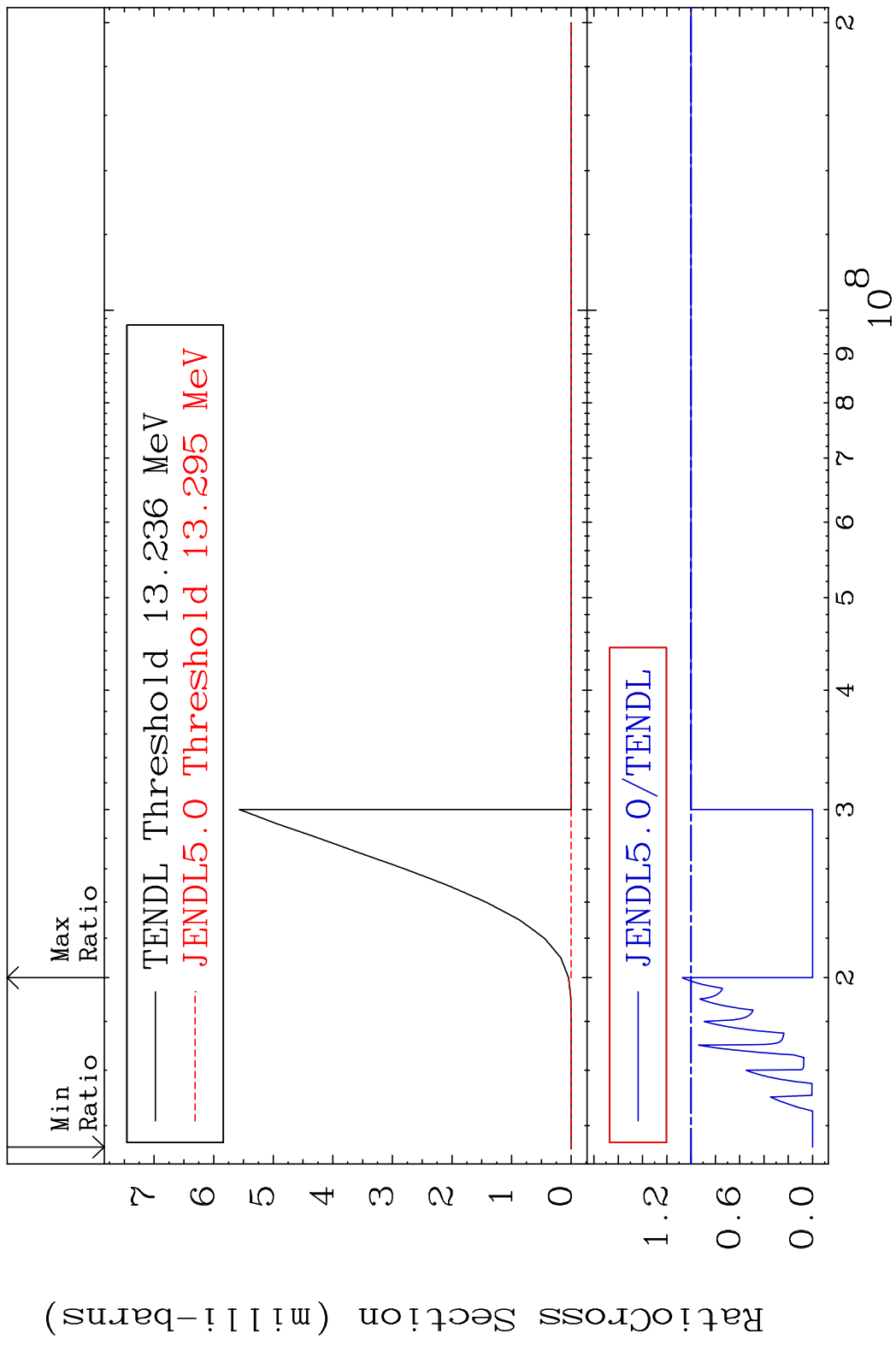


75 Incident Energy (eV) 51-Sb-120m

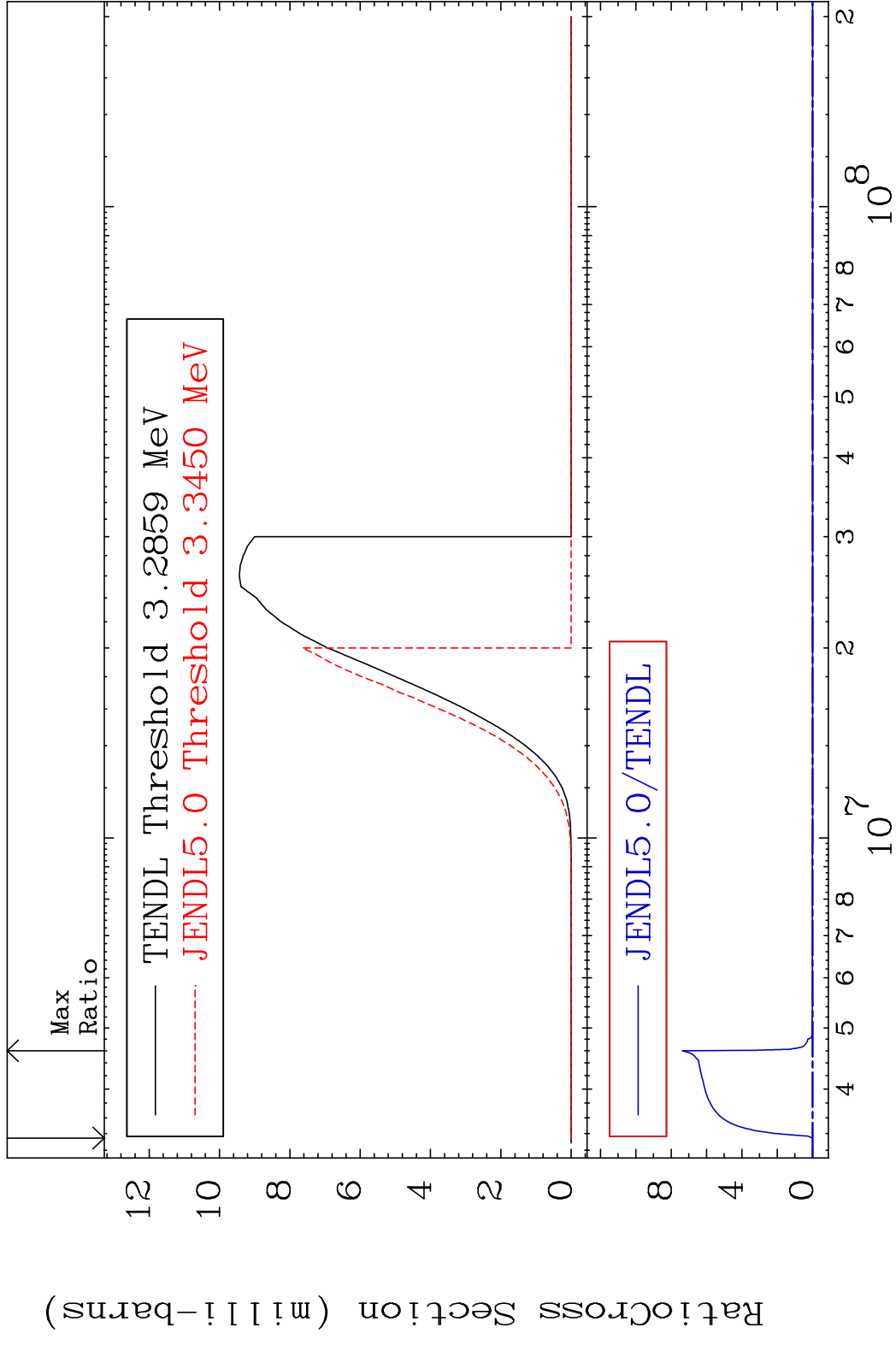
MAT 5123 (n, n') t:50-Sn-117g 51-Sb-120m
 Radionuclide Production Cross Section to 631.4 %



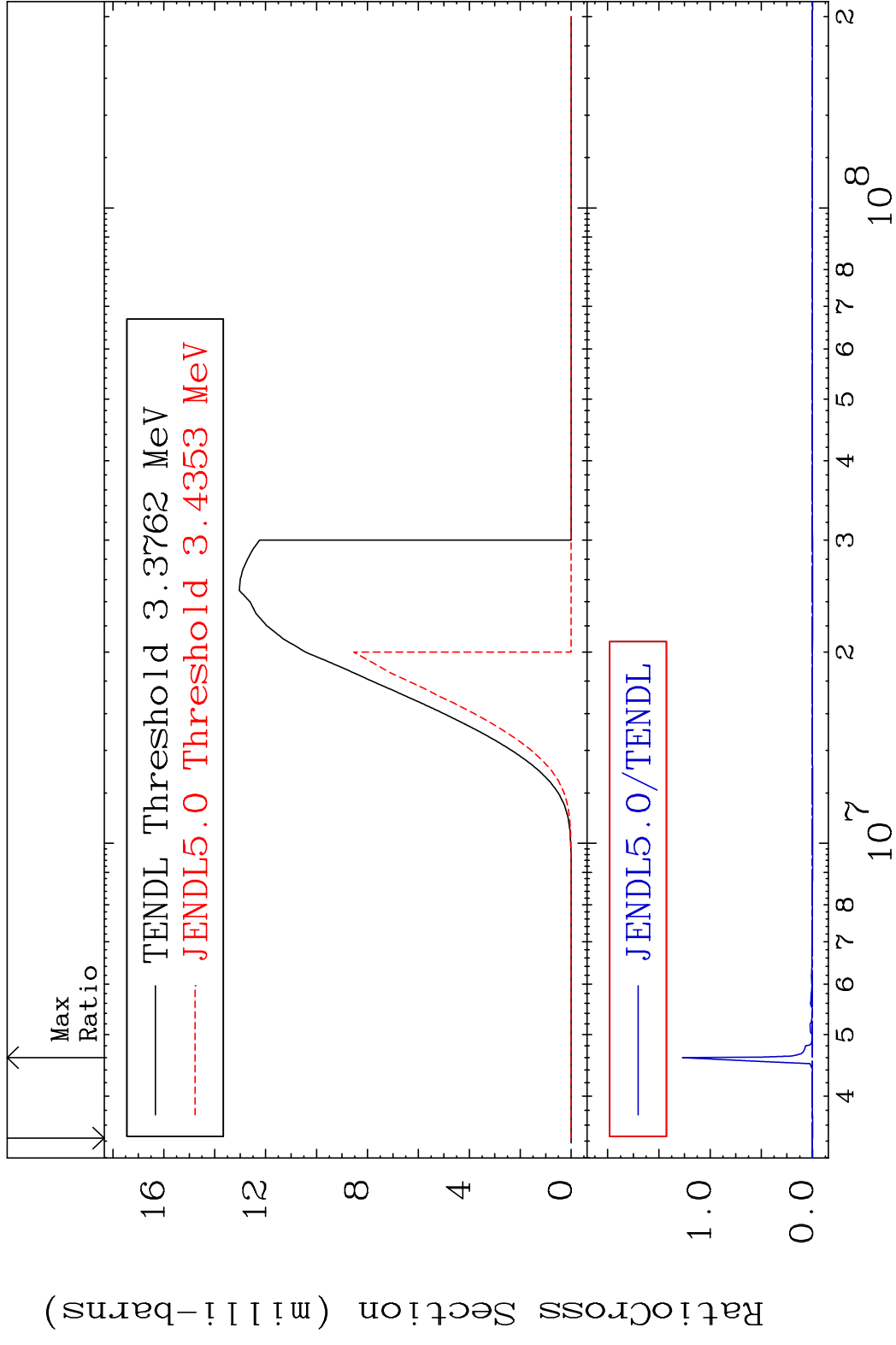
MAT 5123 (n, n') t:50-Sn-117m2 51-Sb-120m
 Radionuclide Production Cross Section 180.01 dth 7.204 %



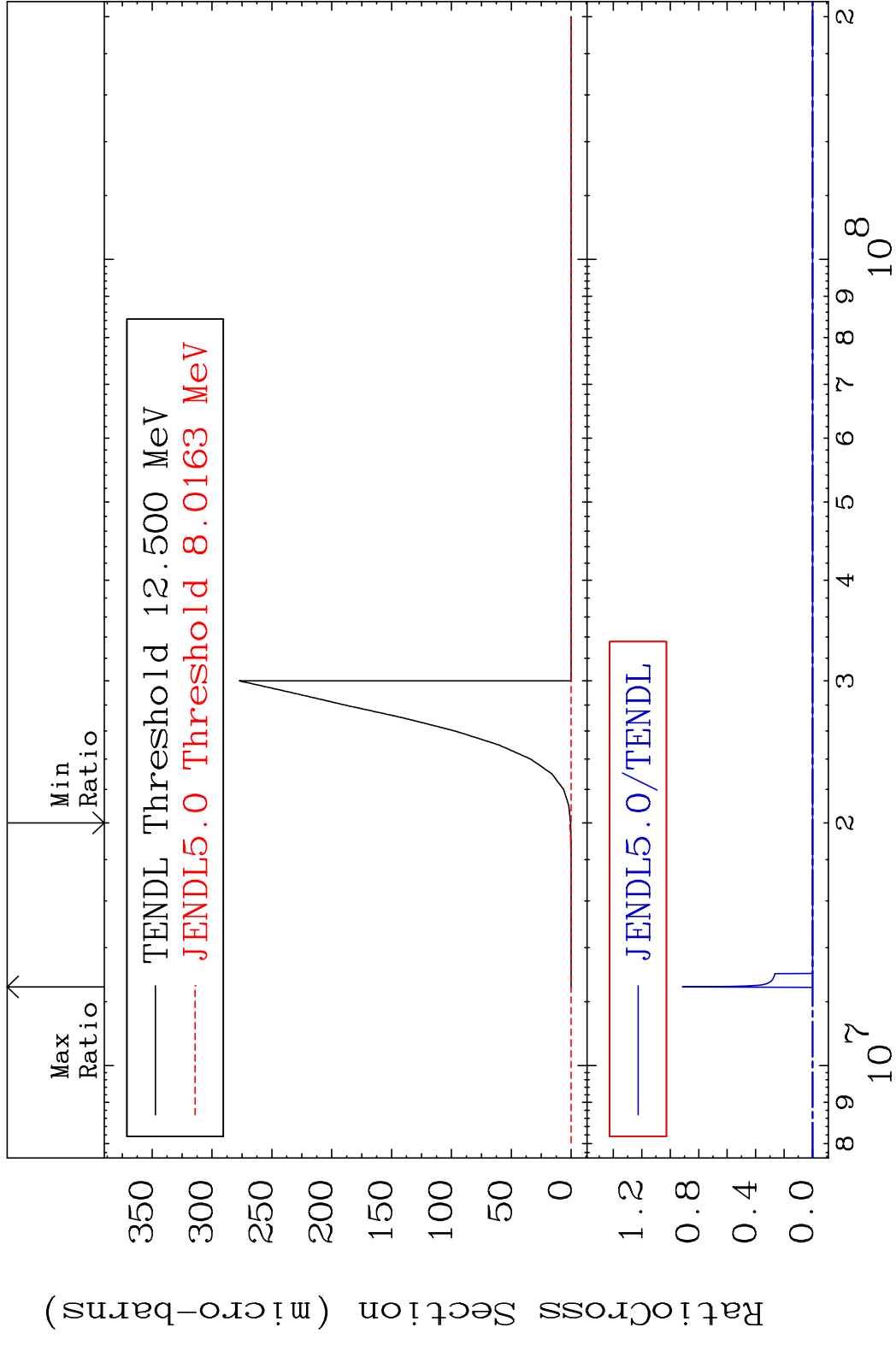
MAT 5123 (n,d):50-Sn-119g 51-Sb-120m
 Radionuclide Production Cross Section to 9999. %



MAT 5123 (n,d):50-Sn-119m2 51-Sb-120m
 Radionuclide Production Cross Section to 9999. %



MAT 5123 (n, He-3):49-In-118g 51-Sb-120m
 Radionuclide Production Cross Section to Incident Ratio 9999. %



MAT 5123 (n, He-3) : 49-In-118m1 51-Sb-120m
 Radionuclide Production Cross Section to 9999. %

