

Program Complot
(Version 2021-1)

by

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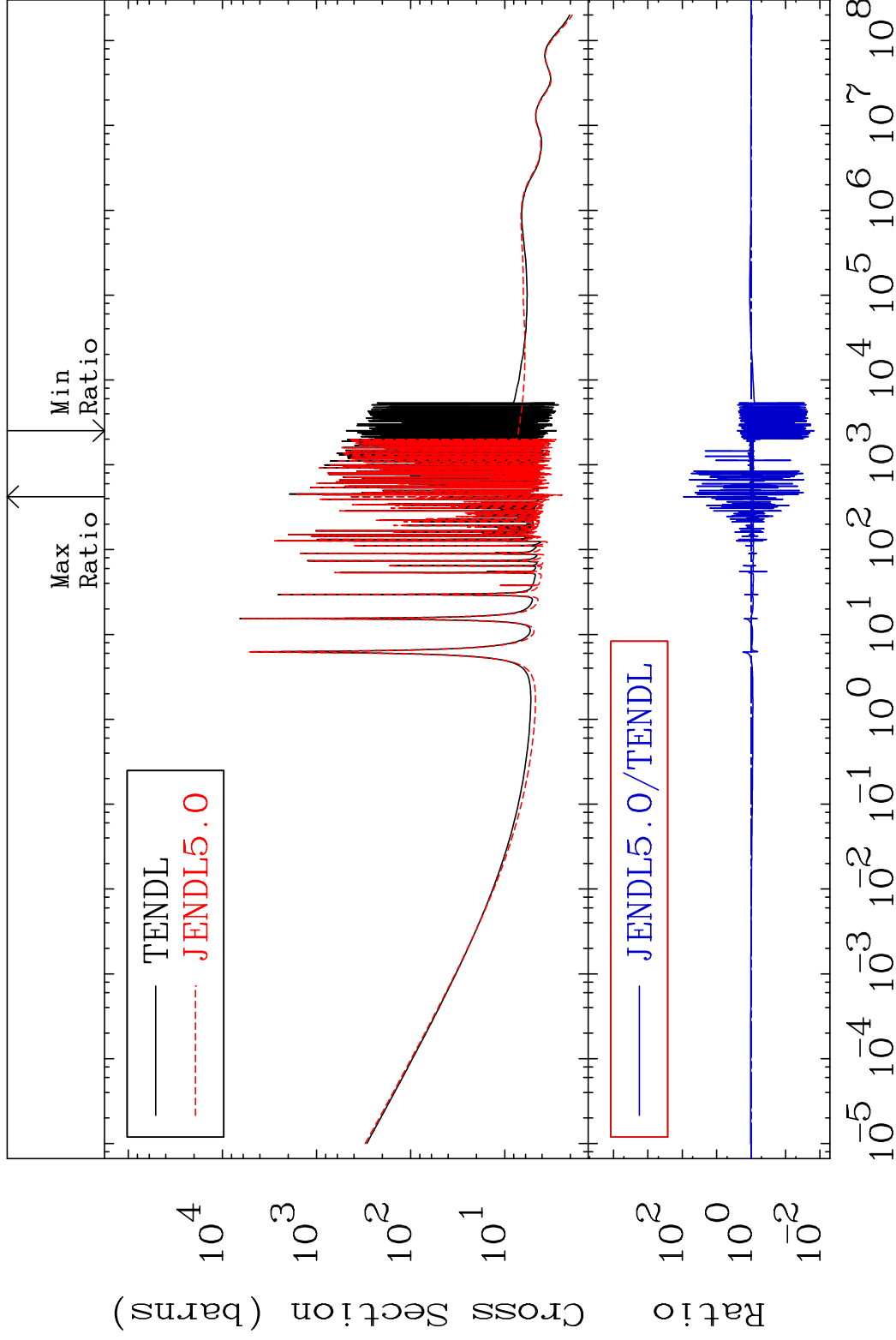
Press Mouse Button to Start

MAT 5125

Total

51-Sb-121

Cross Section -98.53 To 9035. %



1

Incident Energy (eV)

51-Sb-121

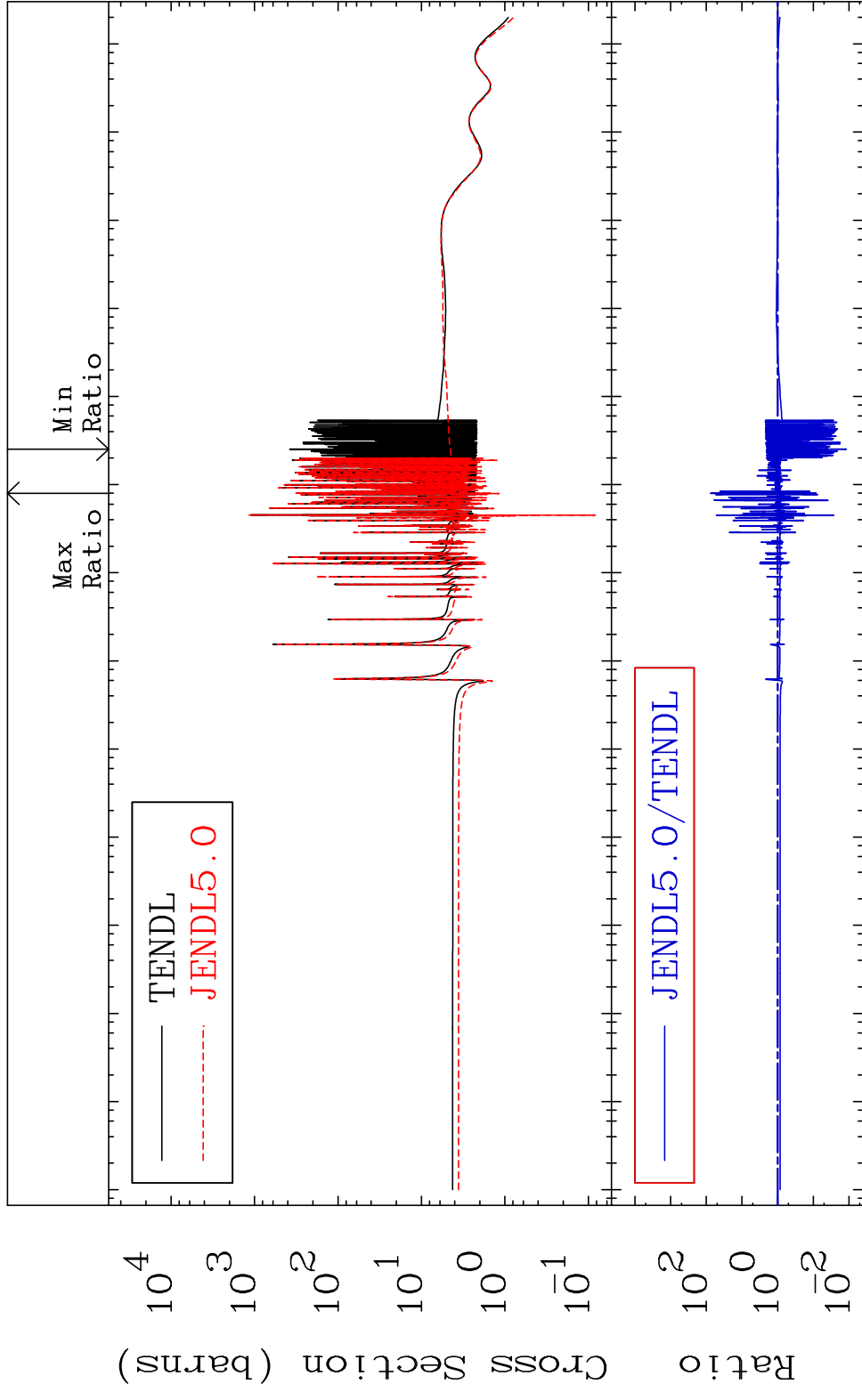
MAT 5125

Elastic

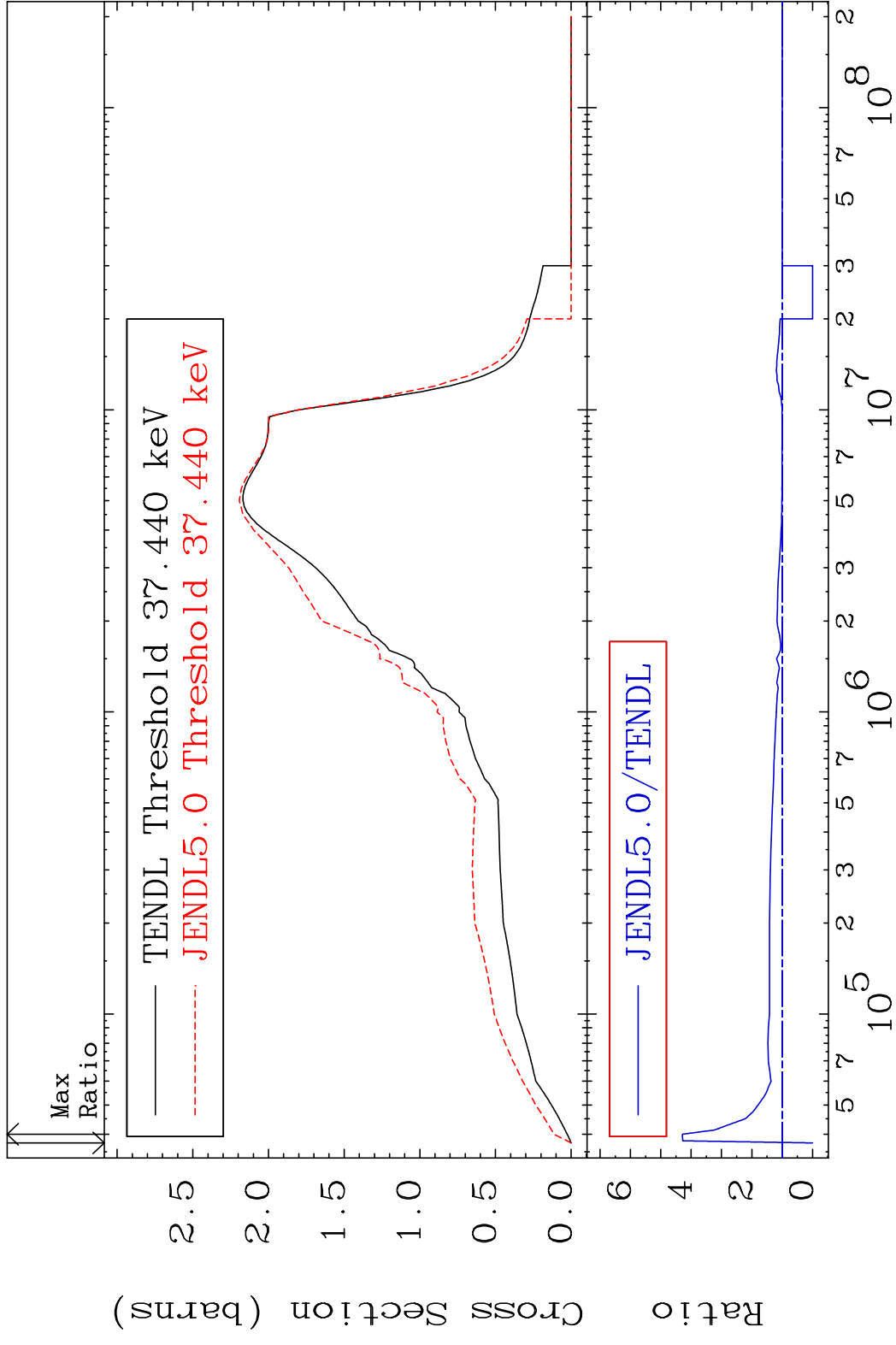
51-Sb-121

Cross Section

-98.82 To 7437. %



MAT 5125 Inelastic 51-Sb-121
 Cross Section -100.0 To 328.9 %

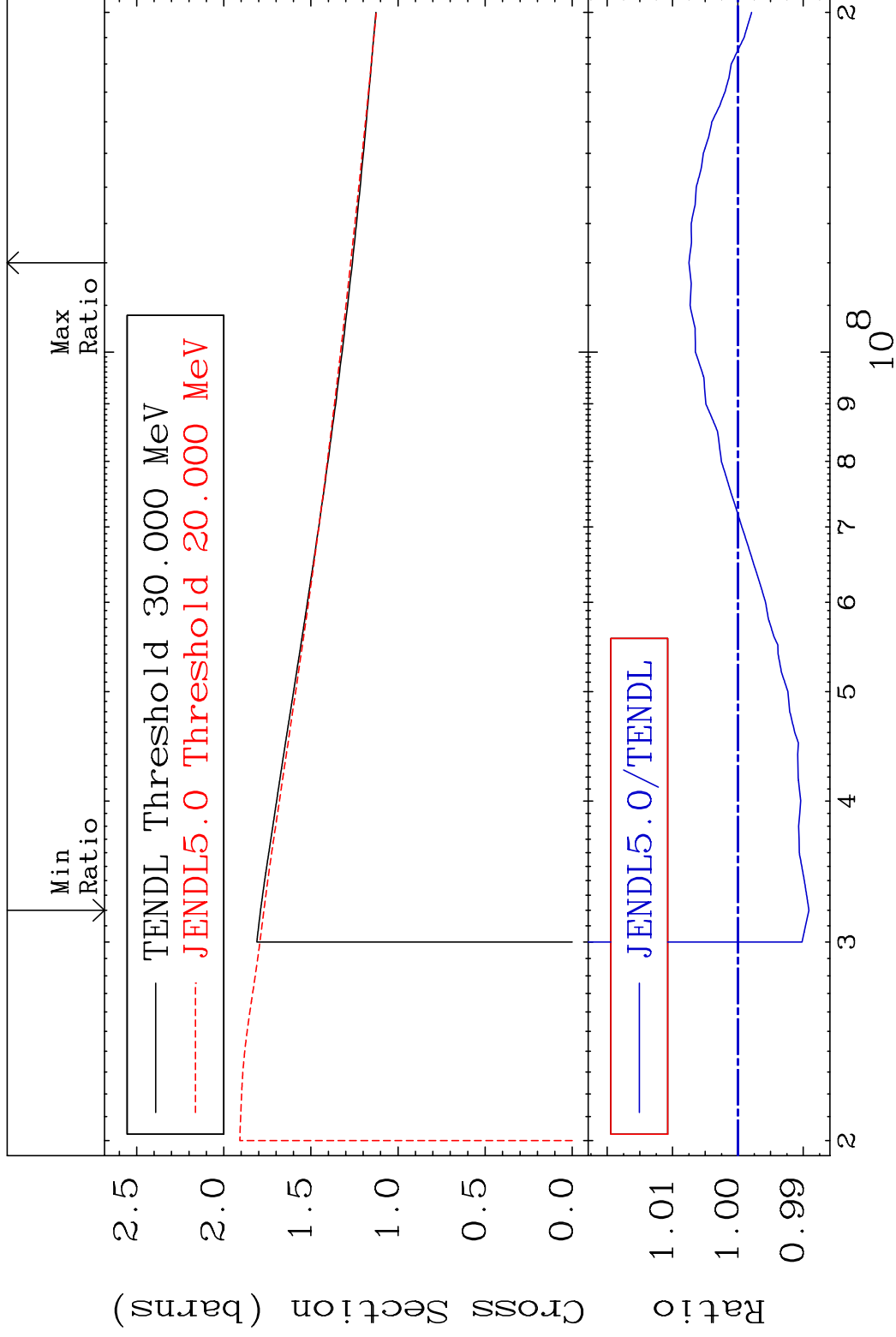


MAT 5125

(n, remainder)

51-Sb-121

Cross Section -1.087 To 0.751 %



4

Incident Energy (eV)

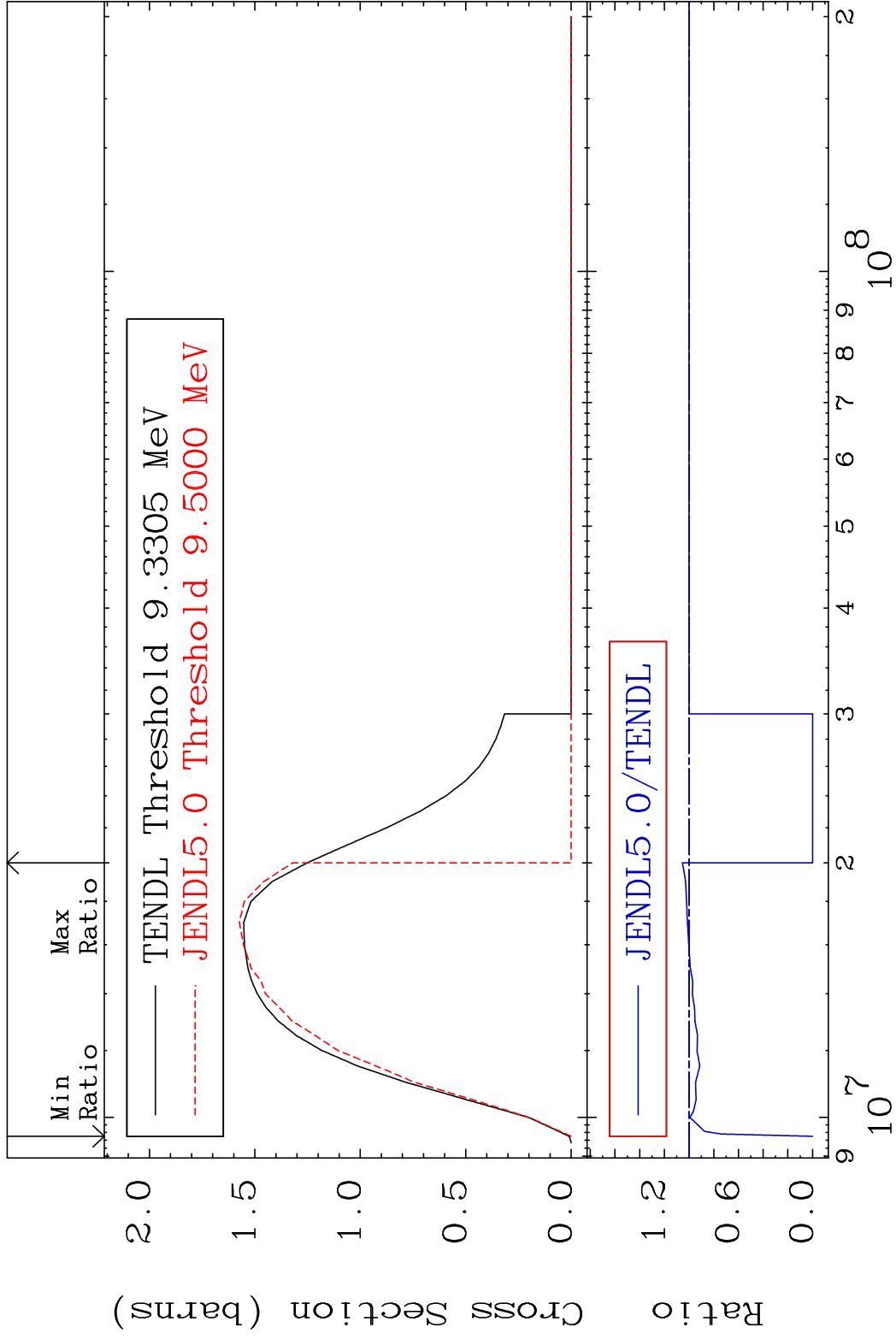
51-Sb-121

MAT 5125

(n,2n)

51-Sb-121

Cross Section -100.0 To 5.449 %



5

Incident Energy (eV)

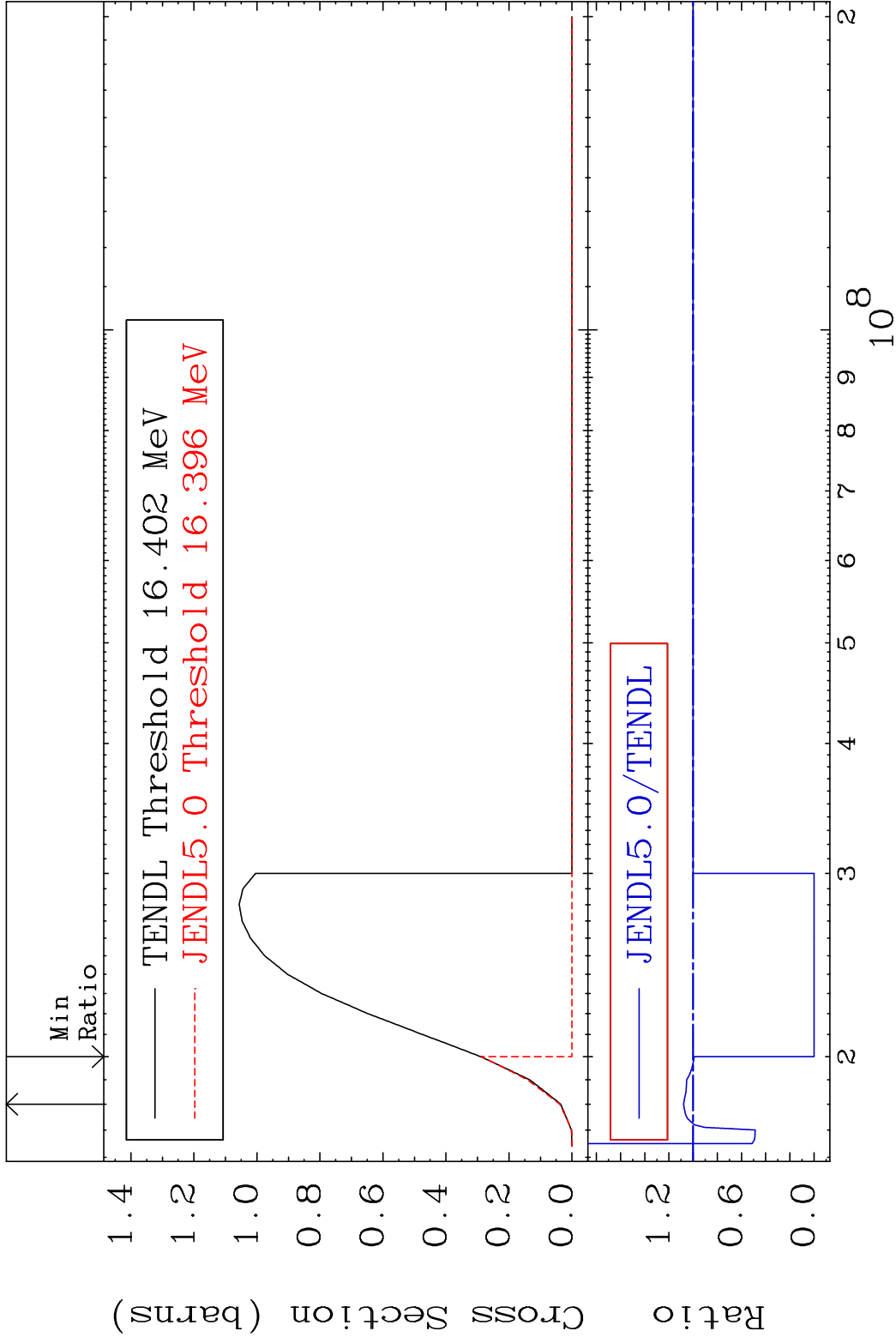
51-Sb-121

MAT 5125

(n,3n)

51-Sb-121

Cross Section -100.0 To 7.998 %

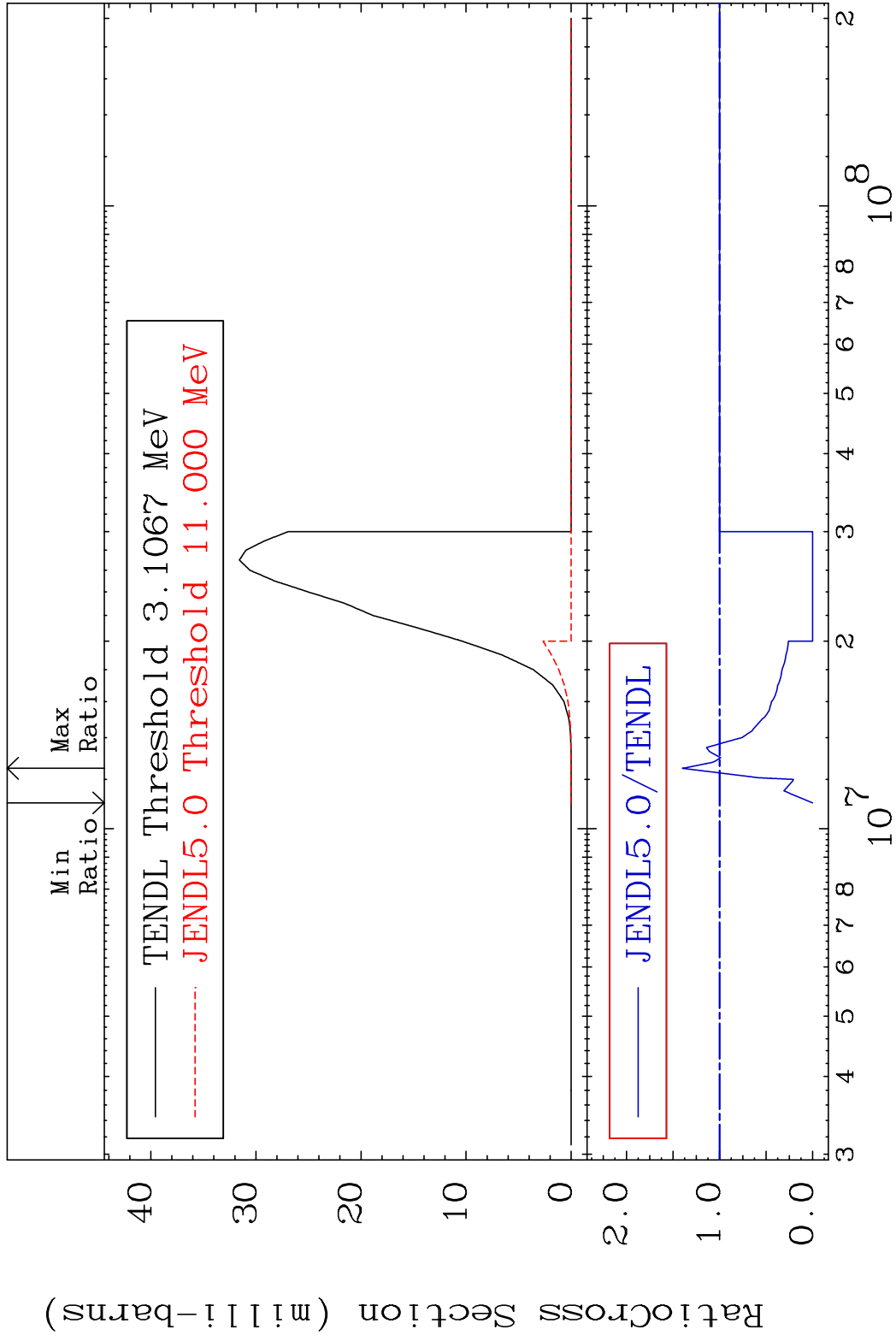


MAT 5125

(n, n') α

51-Sb-121

Cross Section -100.0 To 39.91 %

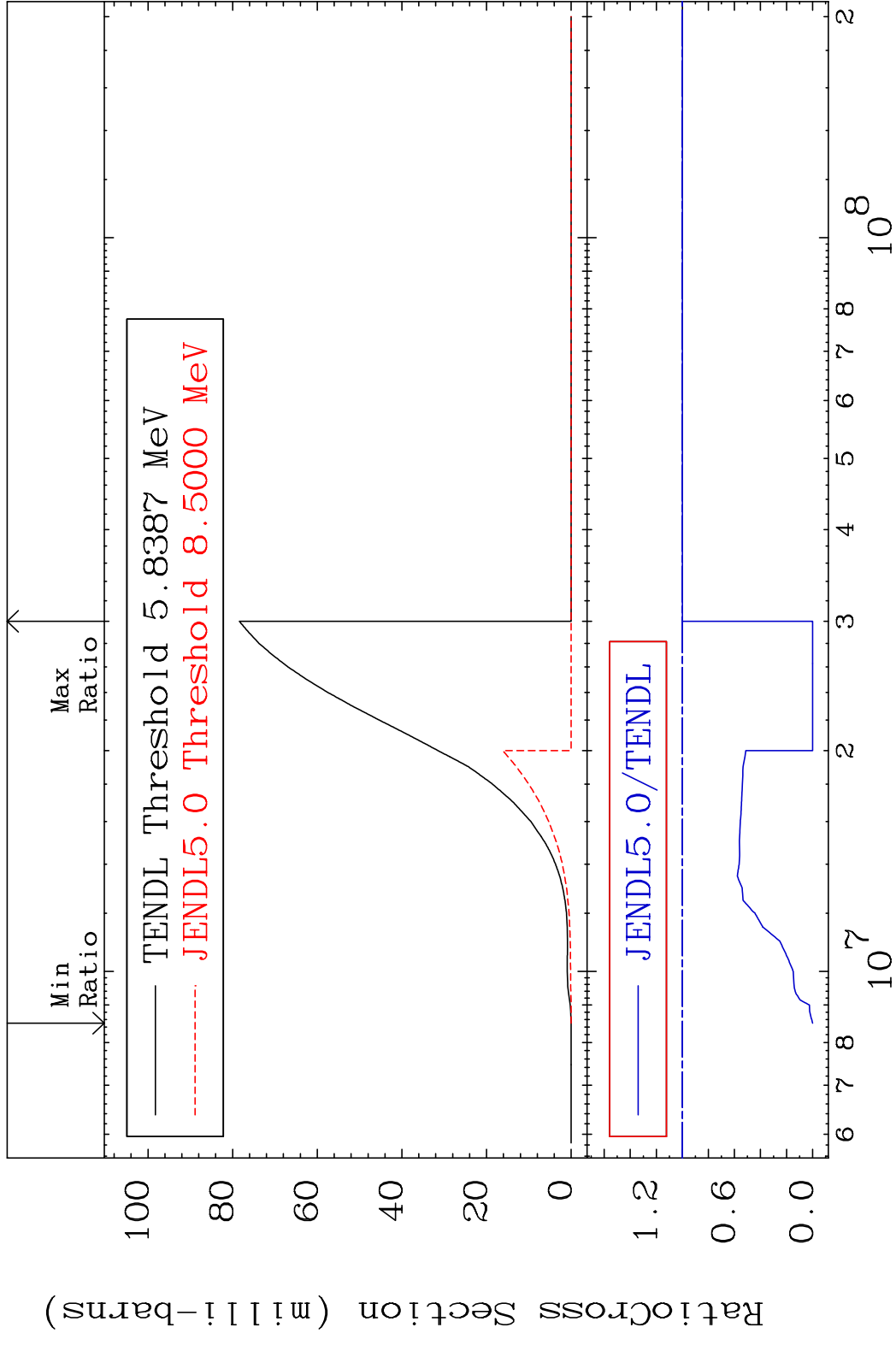


7

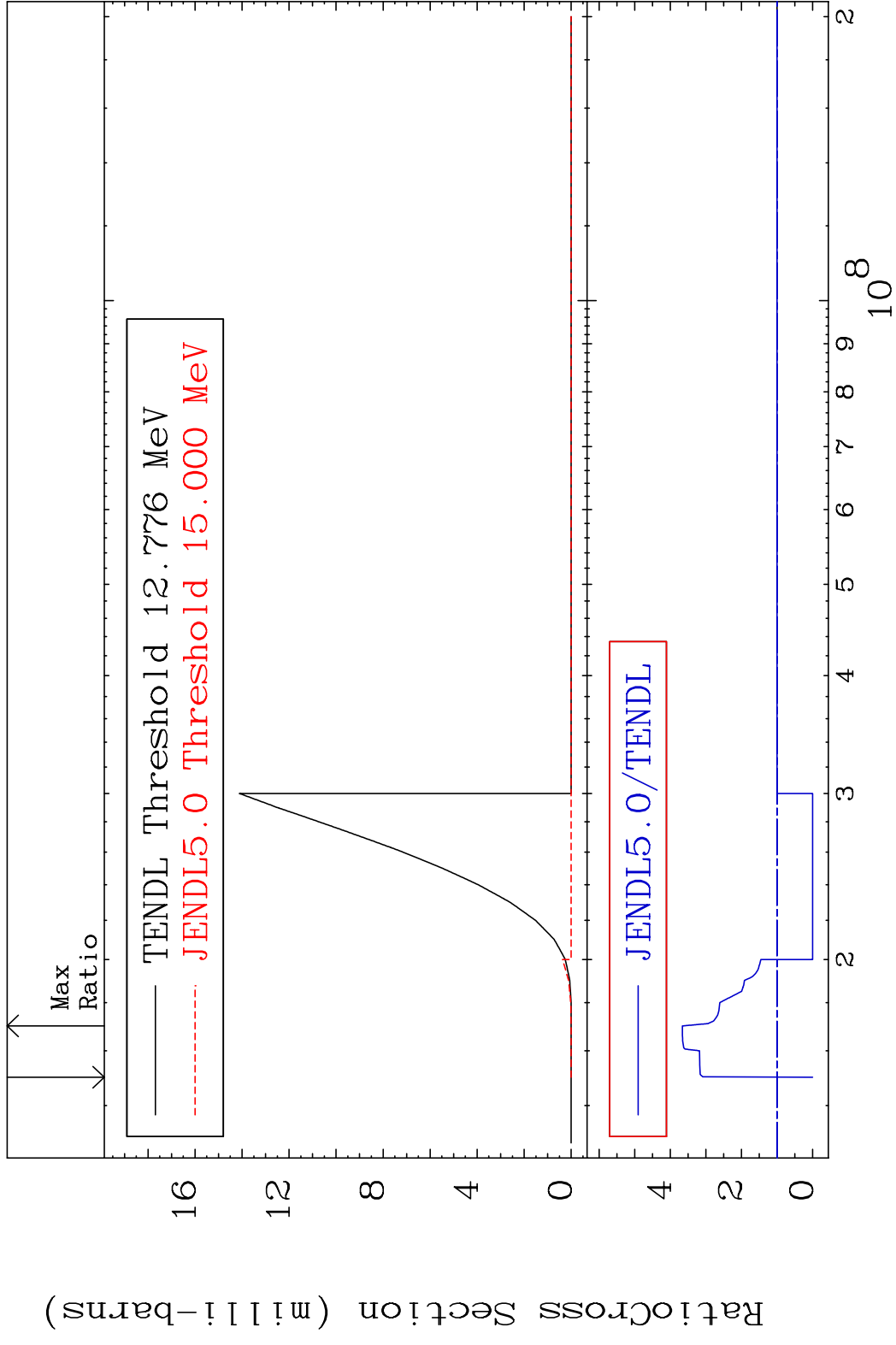
Incident Energy (eV)

51-Sb-121

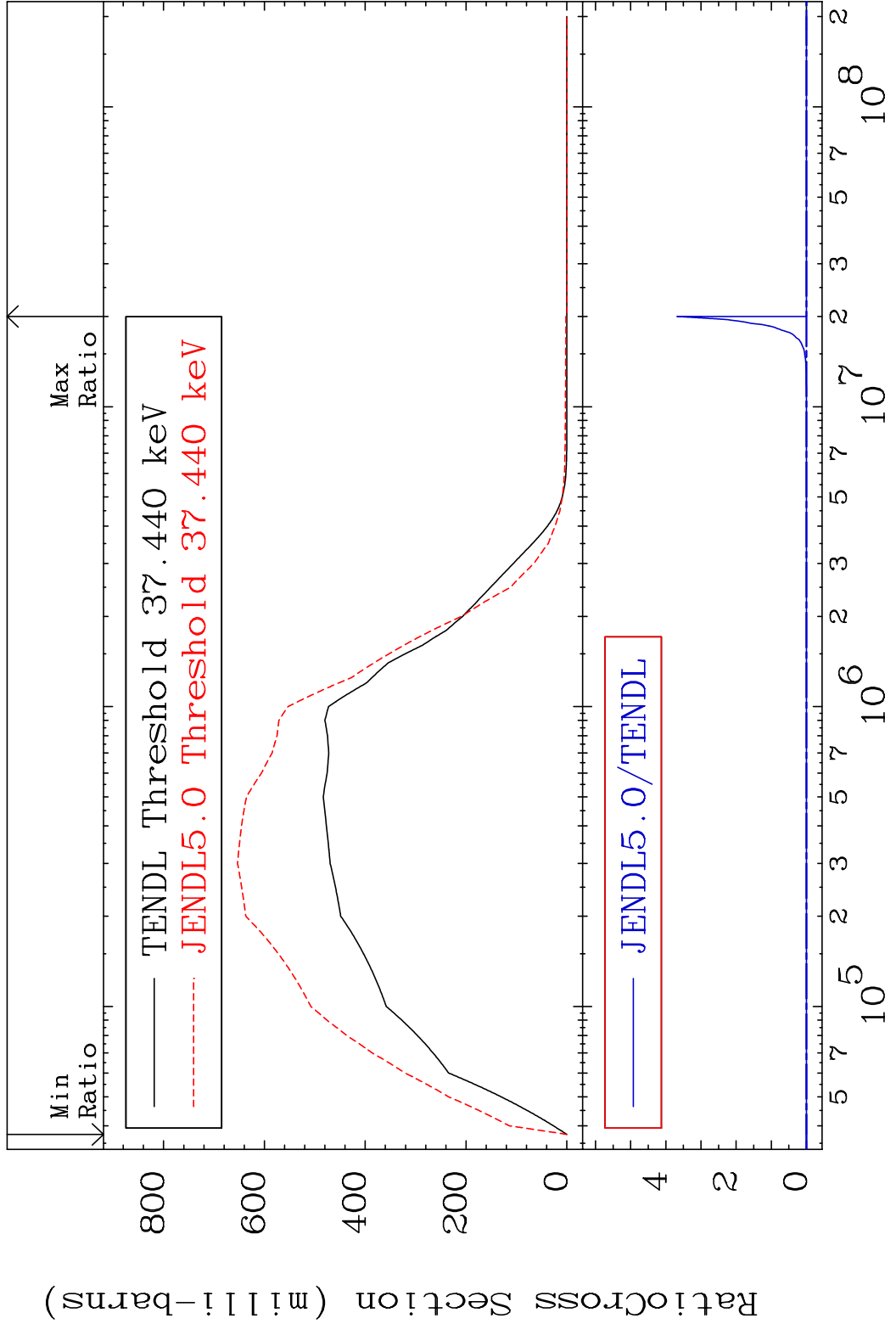
MAT 5125 (n, n') p 51-Sb-121
 Cross Section -100.0 To 0.000 %



MAT 5125 (n, n') d 51-Sb-121
 Cross Section -100.0 To 266.2 %

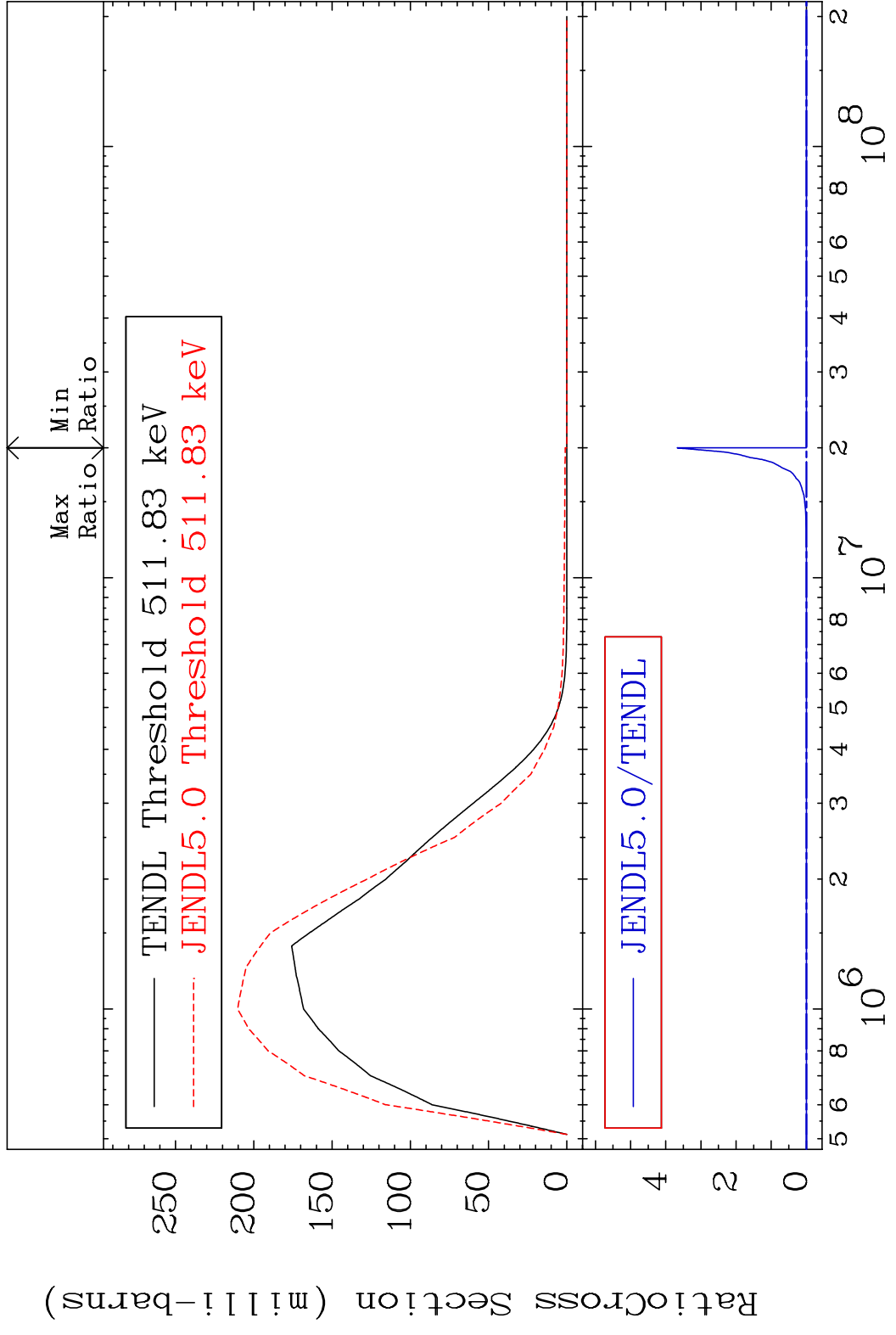


MAT 5125 MT= 51 (n, n') Level 51-Sb-121
Cross Section -100.0 To 9999. %

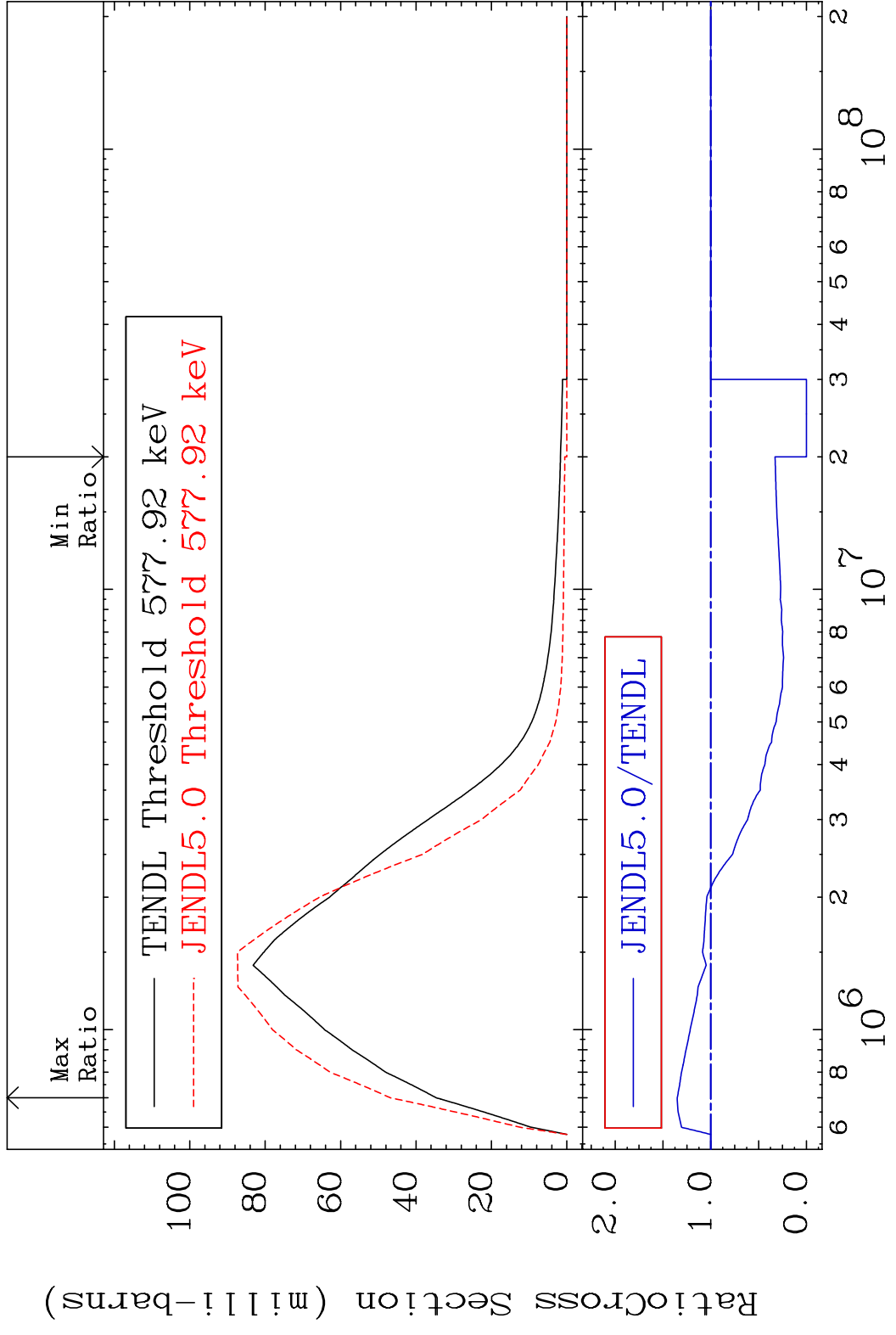


10 5 7 2 3 5 7 2 3 5 7 8 2
10⁵ 10⁶ 10⁷ 10⁸
51-Sb-121

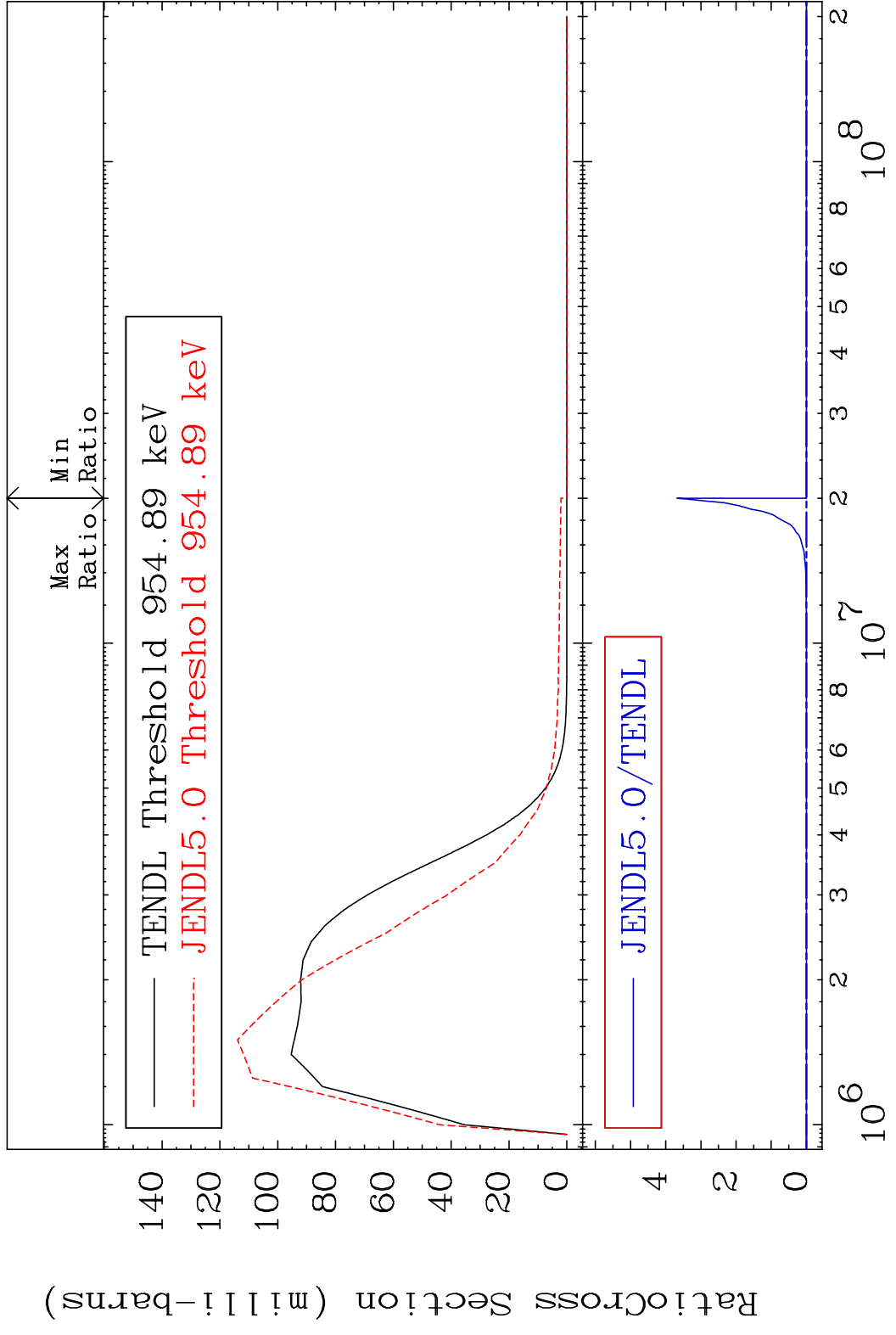
MAT 5125 MT= 52 (n, n') Level 51-Sb-121
 Cross Section -100.0 To 9999. %



MAT 5125 MT= 53 (n, n') Level 51-Sb-121
 Cross Section -100.0 To 35.15 %

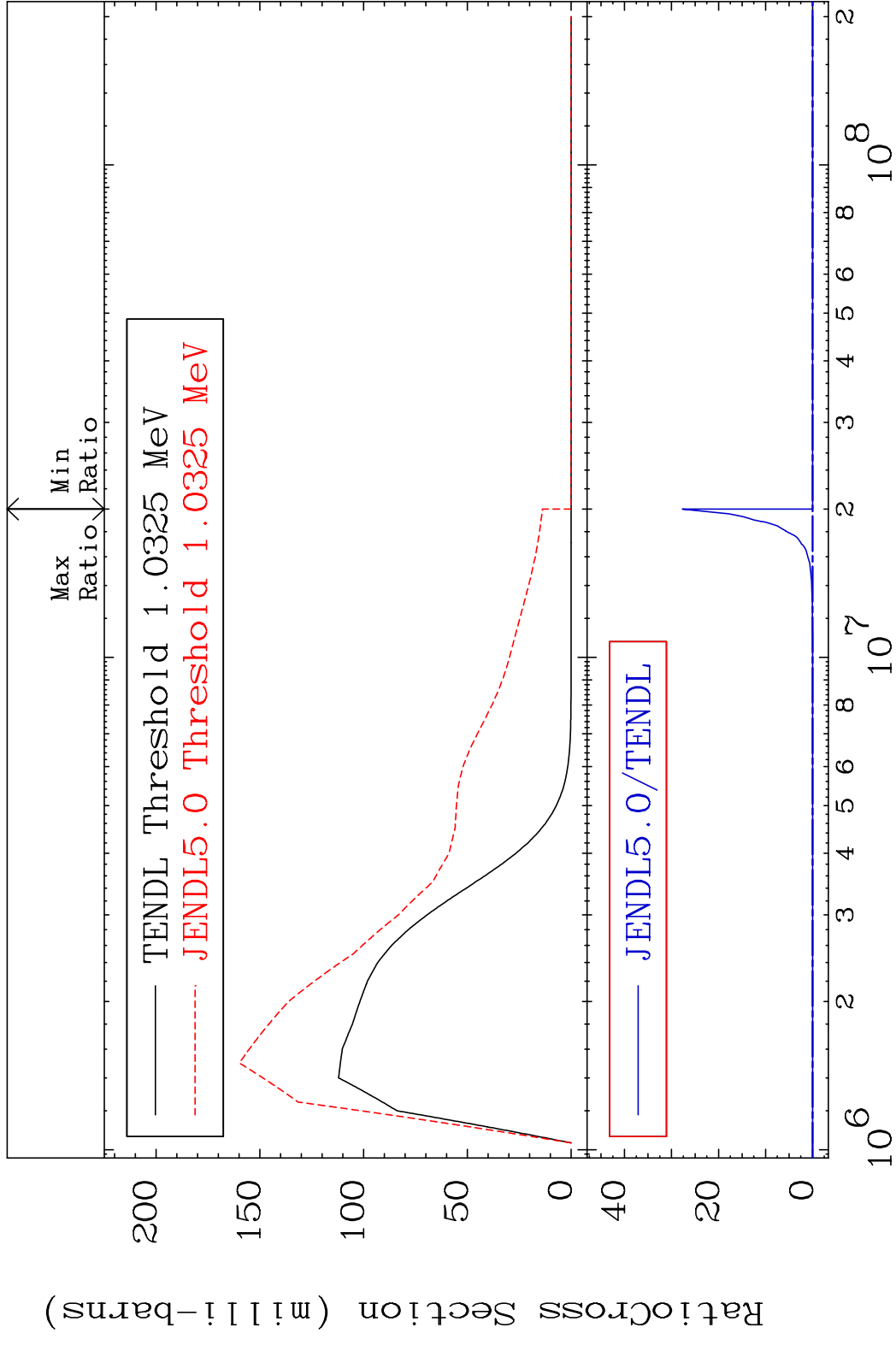


MAT 5125 MT= 54 (n, n') Level 51-Sb-121
 Cross Section -100.0 To 9999. %



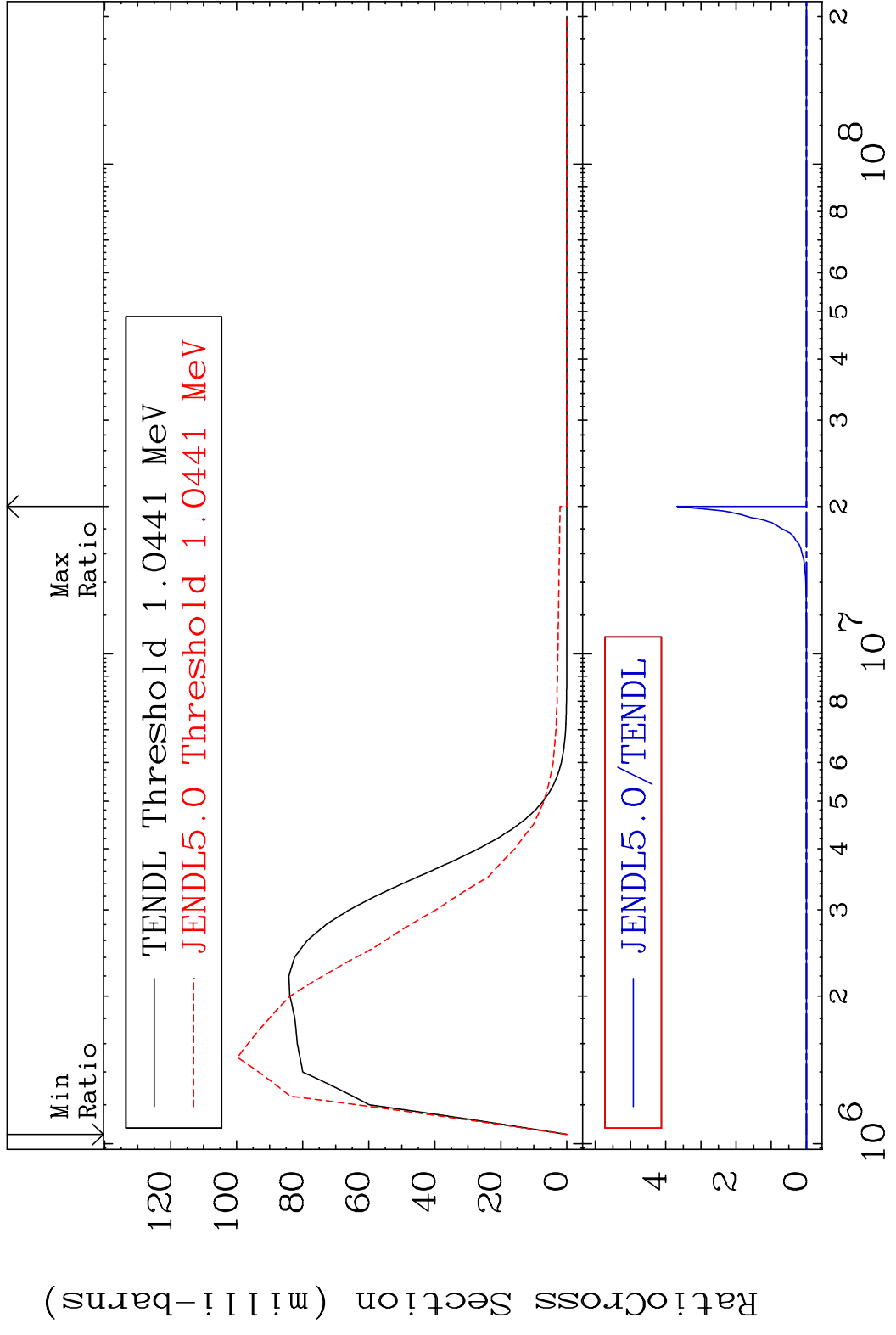
13 Incident Energy (eV) 51-Sb-121

MAT 5125 MT= 55 (n, n') Level 51-Sb-121
 Cross Section -100.0 To 9999. %



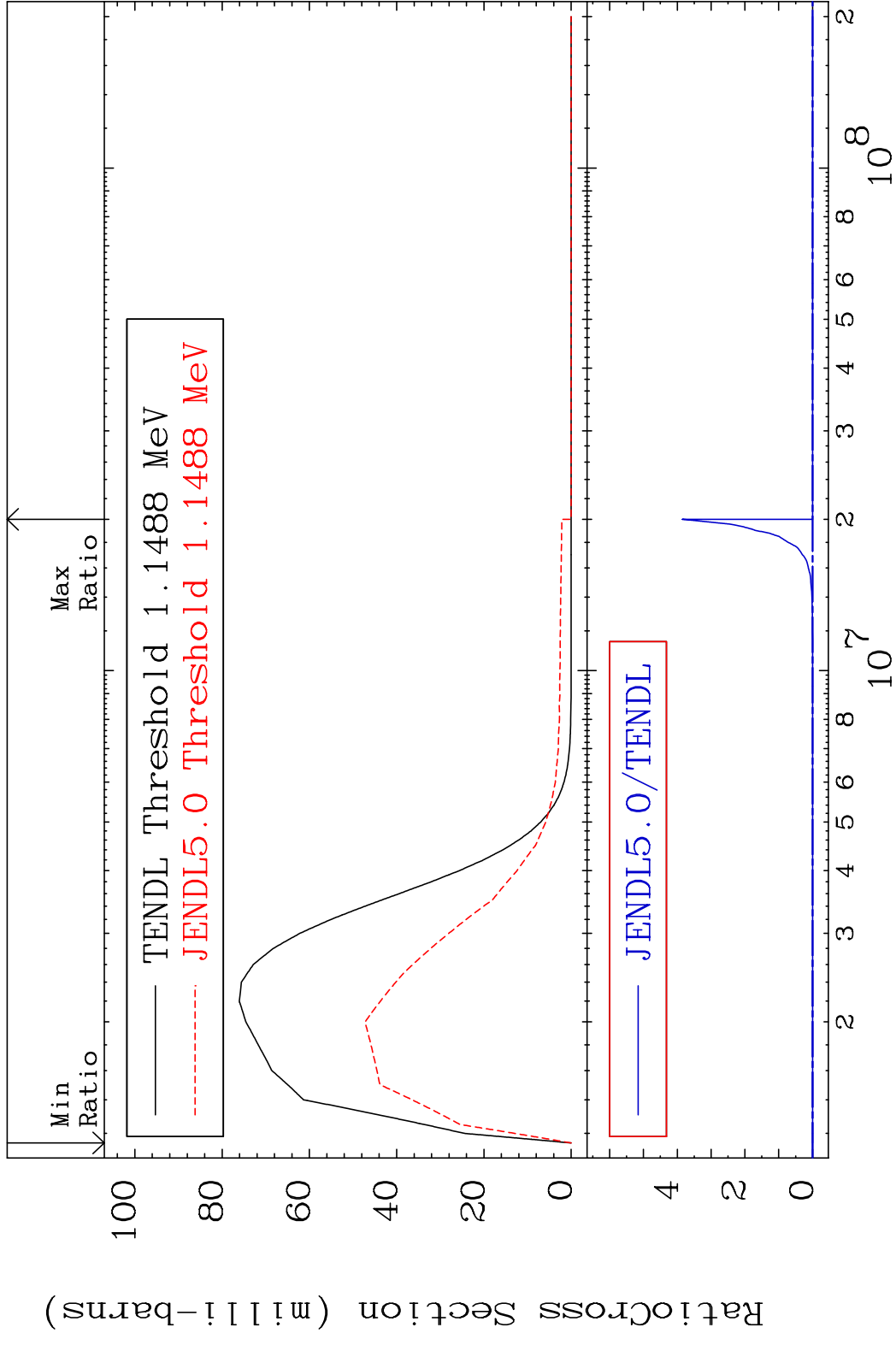
14 Incident Energy (eV) 51-Sb-121

MAT 5125 MT= 56 (n, n') Level 51-Sb-121
 Cross Section -100.0 To 9999. %

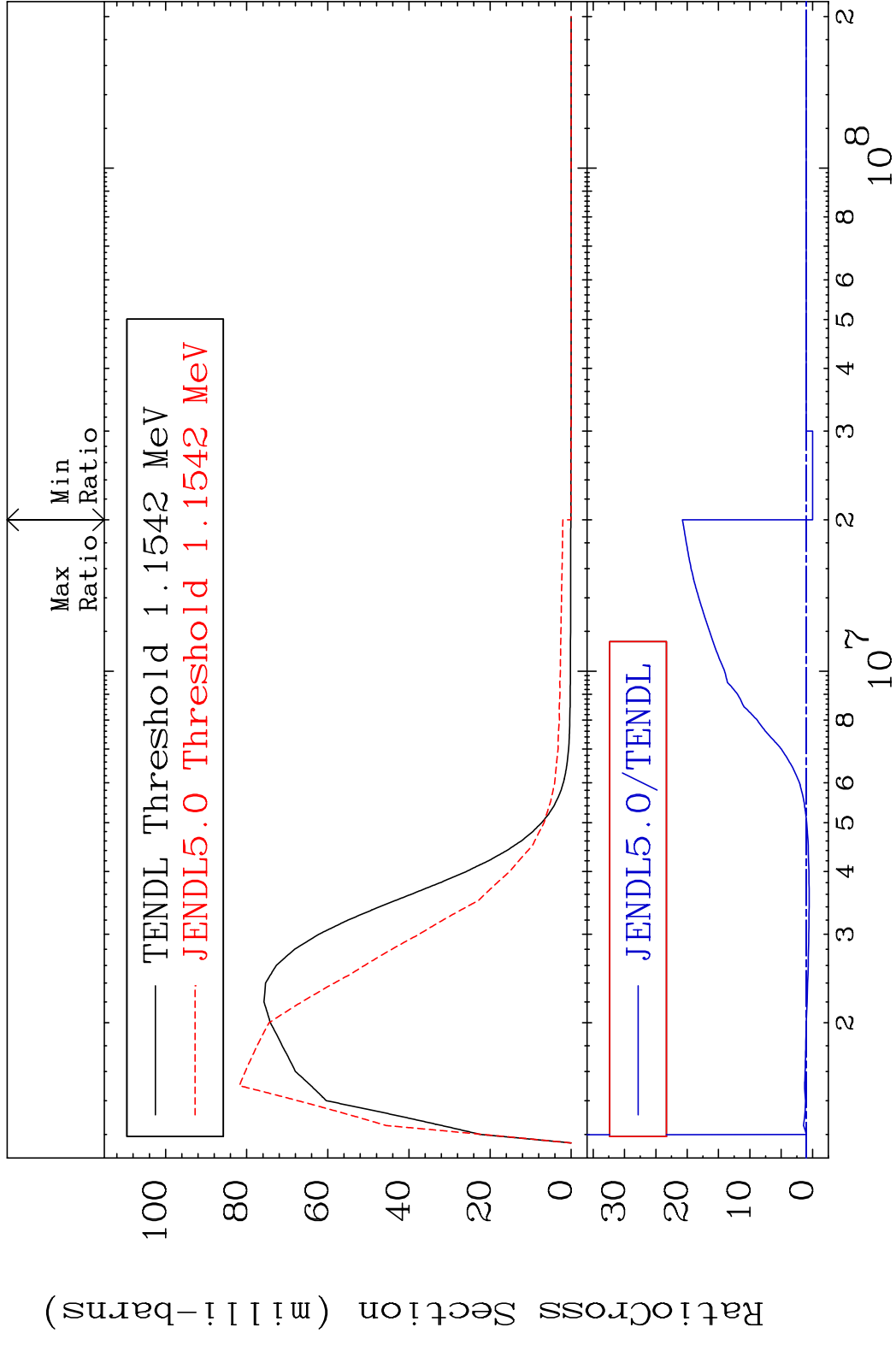


15 Incident Energy (eV) 51-Sb-121

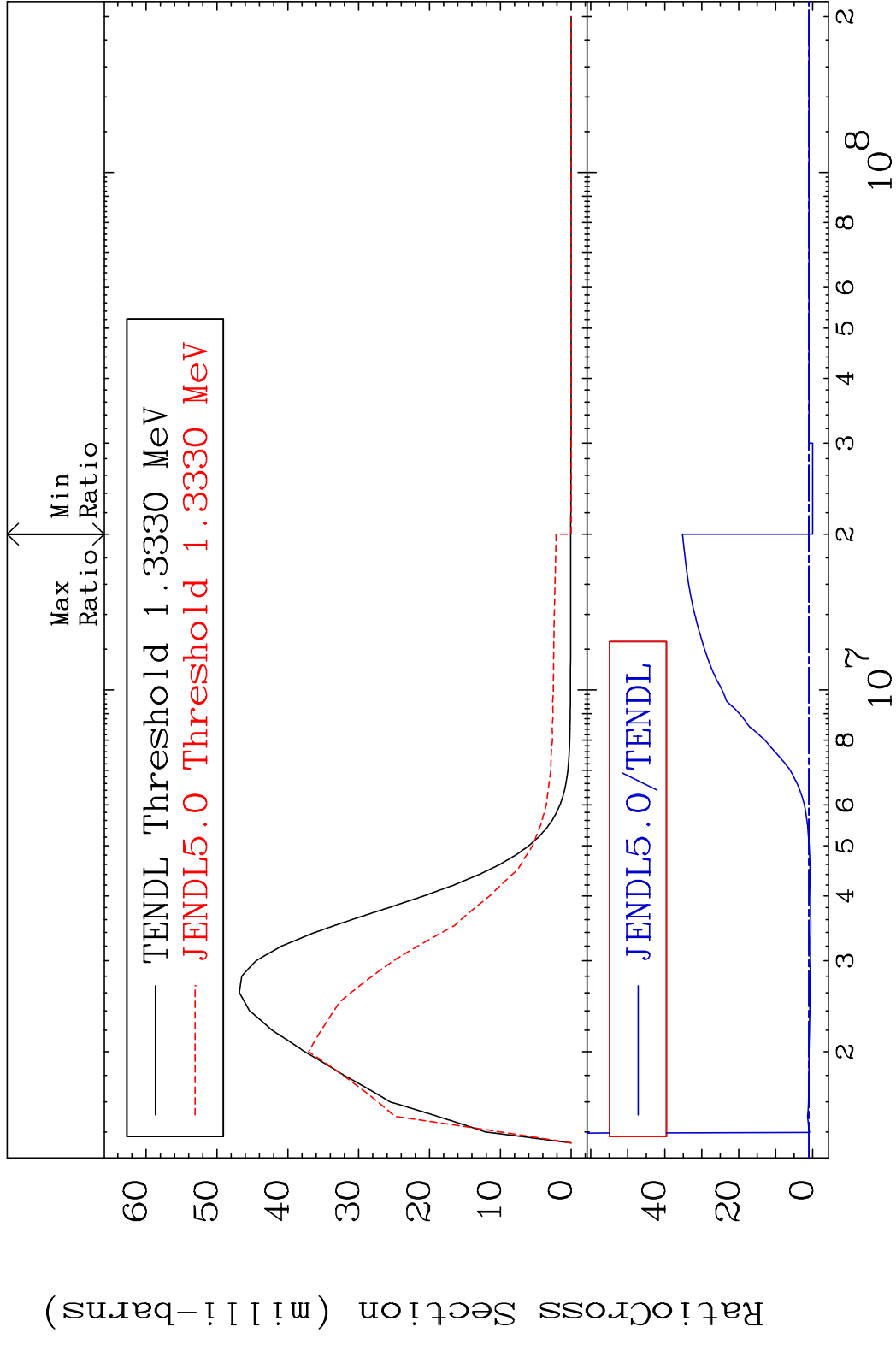
MAT 5125 MT= 57 (n, n') Level 51-Sb-121
 Cross Section -100.0 To 9999. %



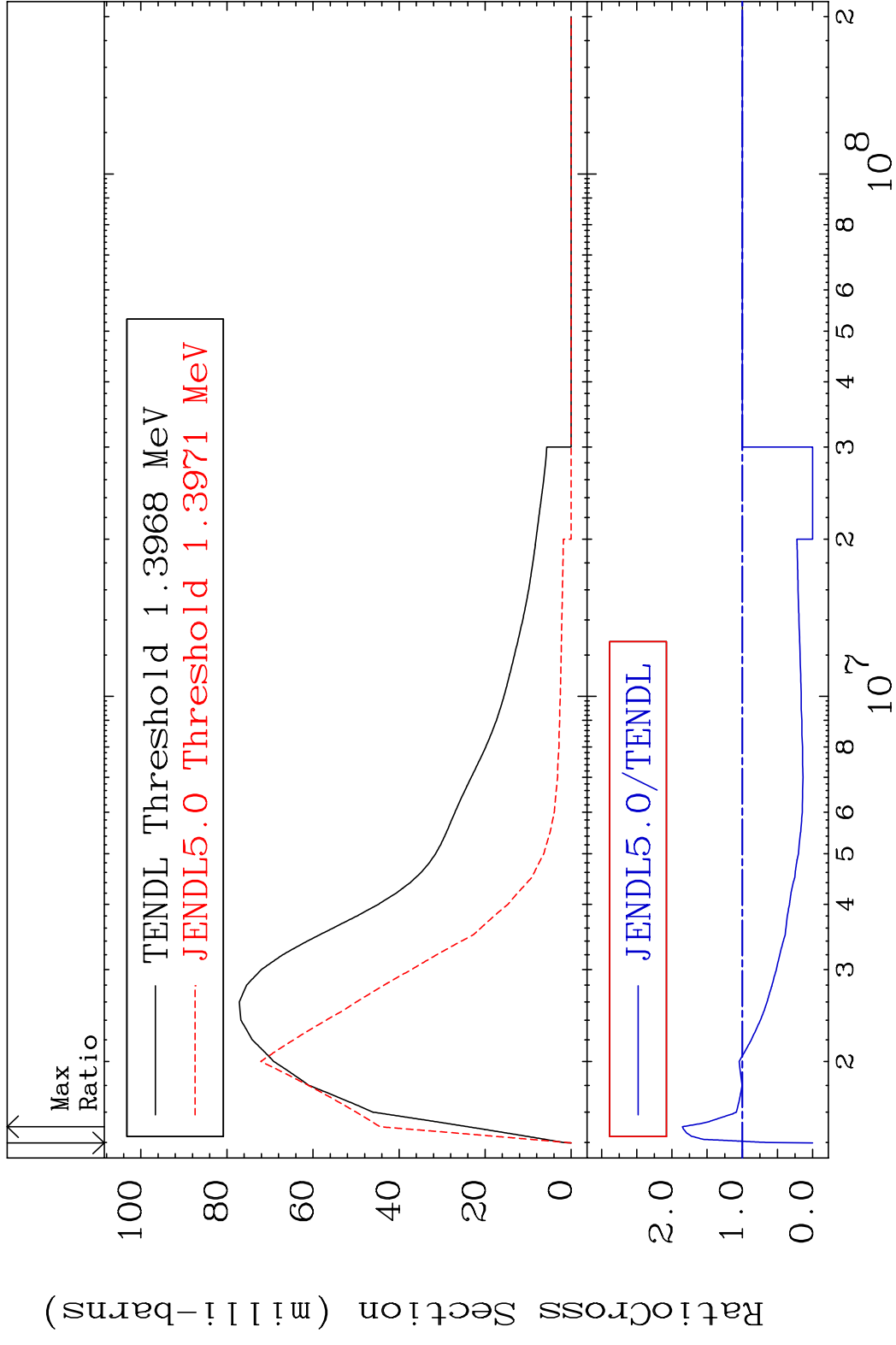
MAT 5125 MT= 58 (n, n') Level 51-Sb-121
 Cross Section -100.0 To 1977. %



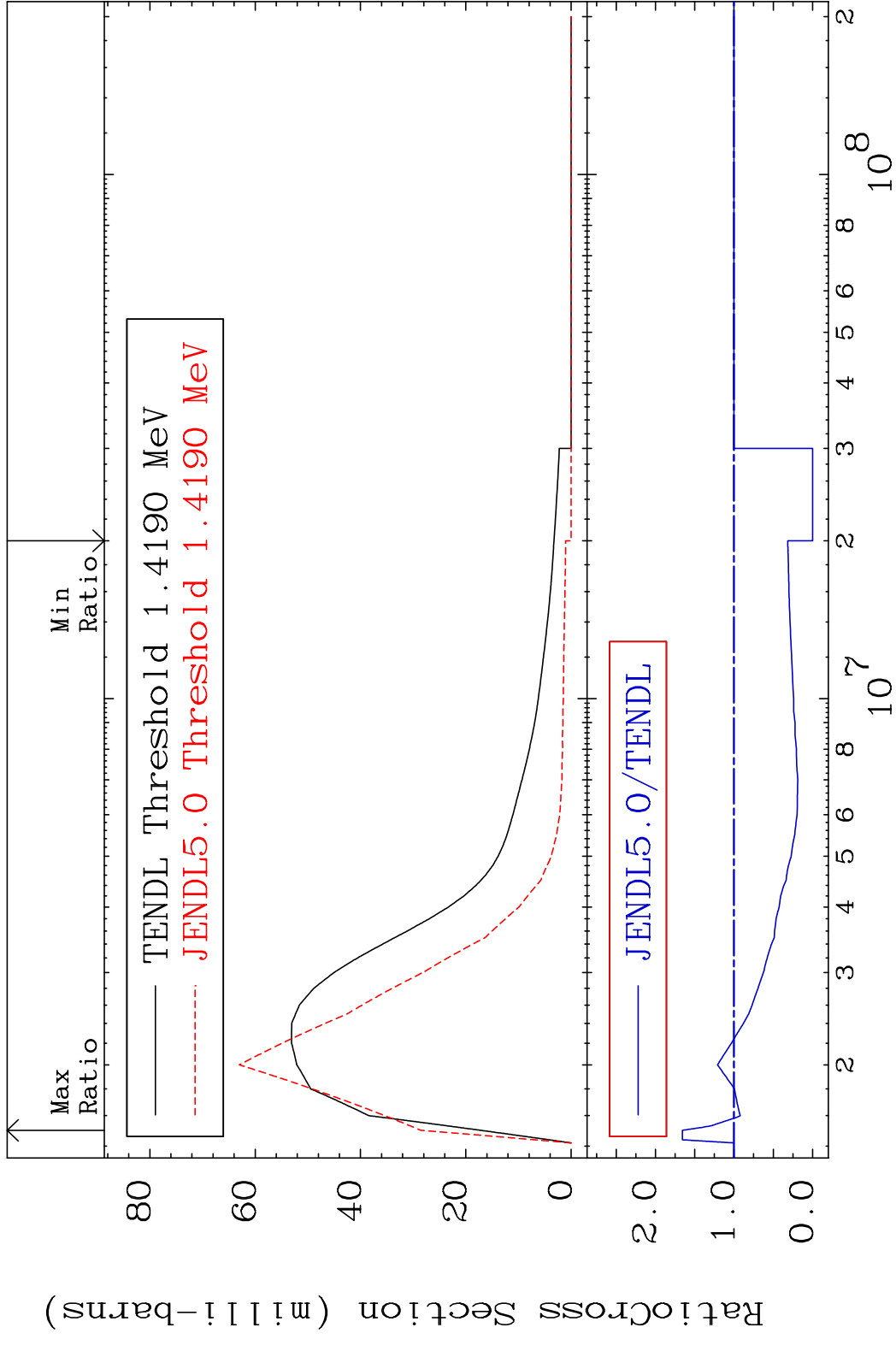
MAT 5125 MT= 59 (n, n') Level 51-Sb-121
 Cross Section -100.0 To 3423. %



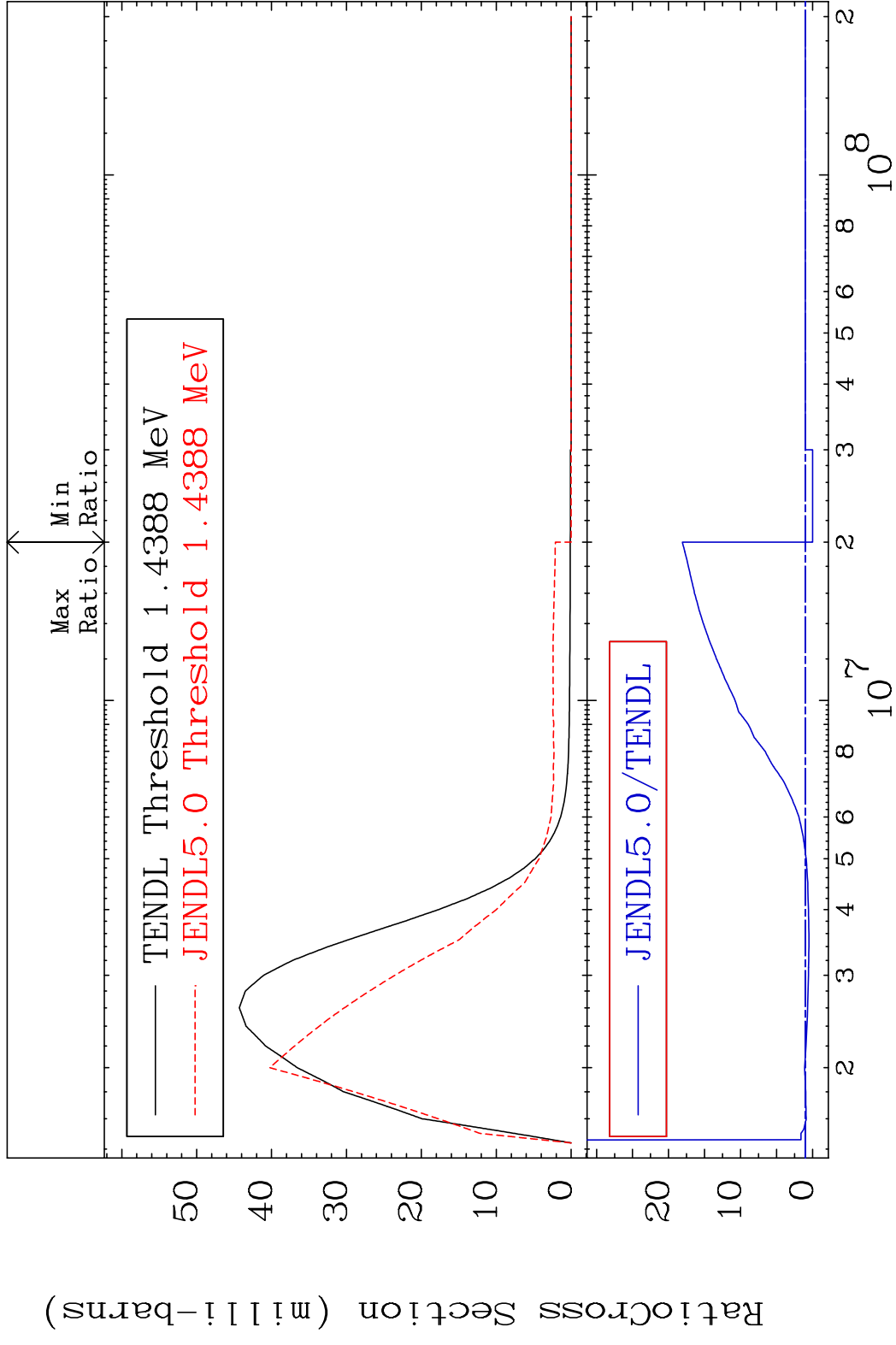
MAT 5125 MT= 60 (n, n') Level 51-Sb-121
 Cross Section -100.0 To 85.24 %



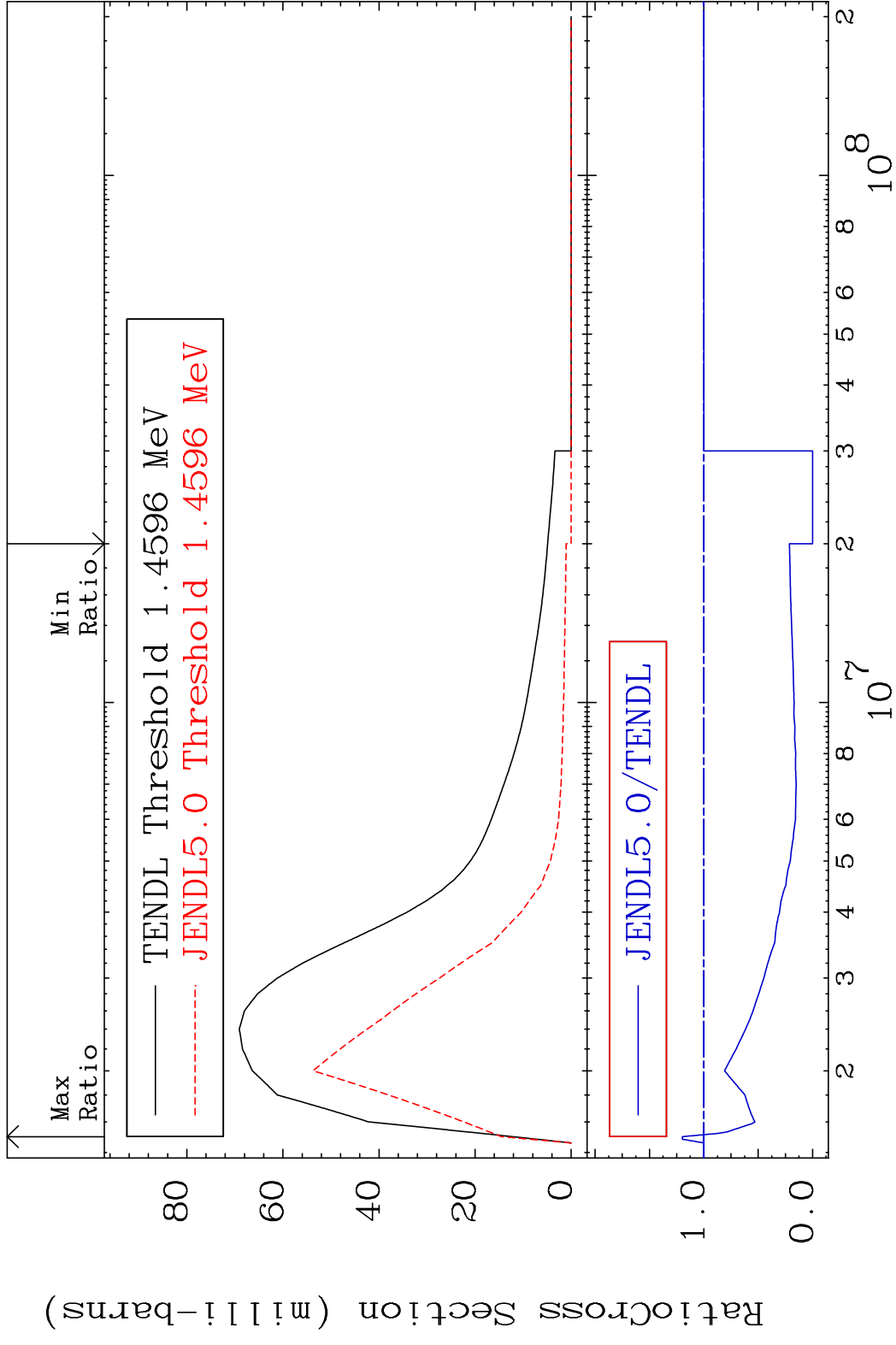
MAT 5125 MT= 61 (n, n') Level 51-Sb-121
 Cross Section -100.0 To 65.78 %



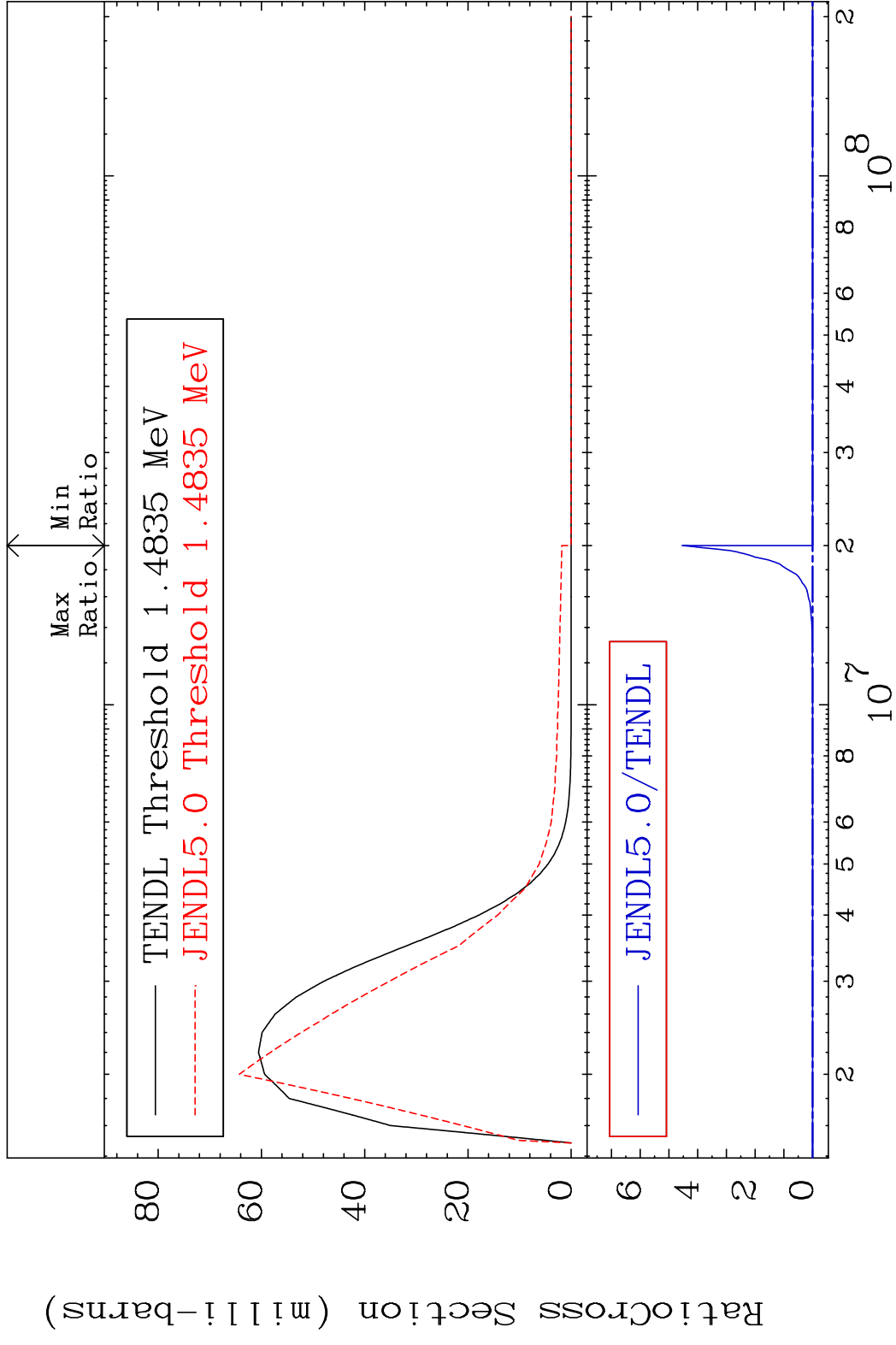
MAT 5125 MT= 62 (n, n') Level 51-Sb-121
 Cross Section -100.0 To 1708. %



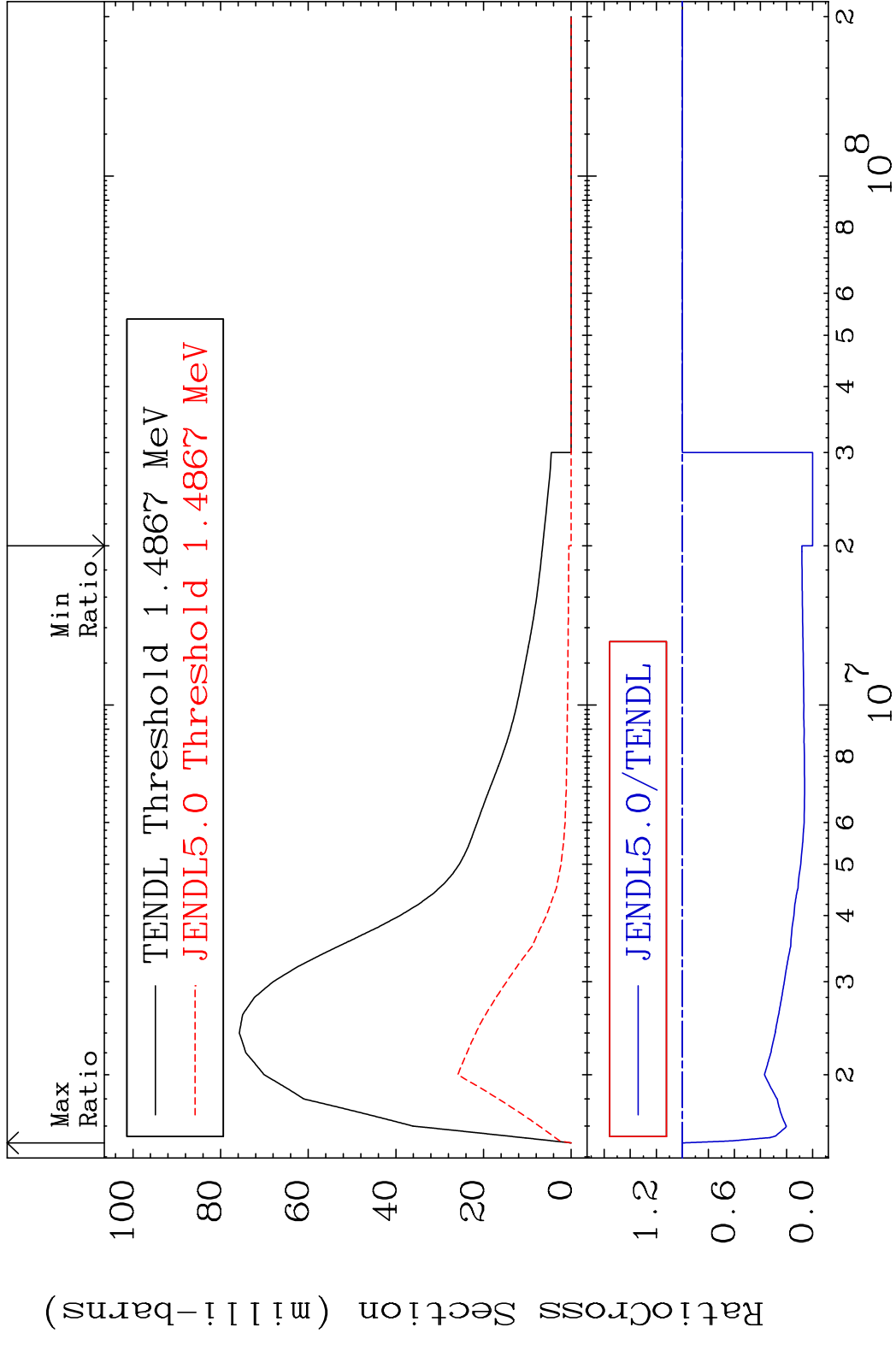
MAT 5125 MT= 63 (n, n') Level 51-Sb-121
 Cross Section -100.0 To 19.74 %



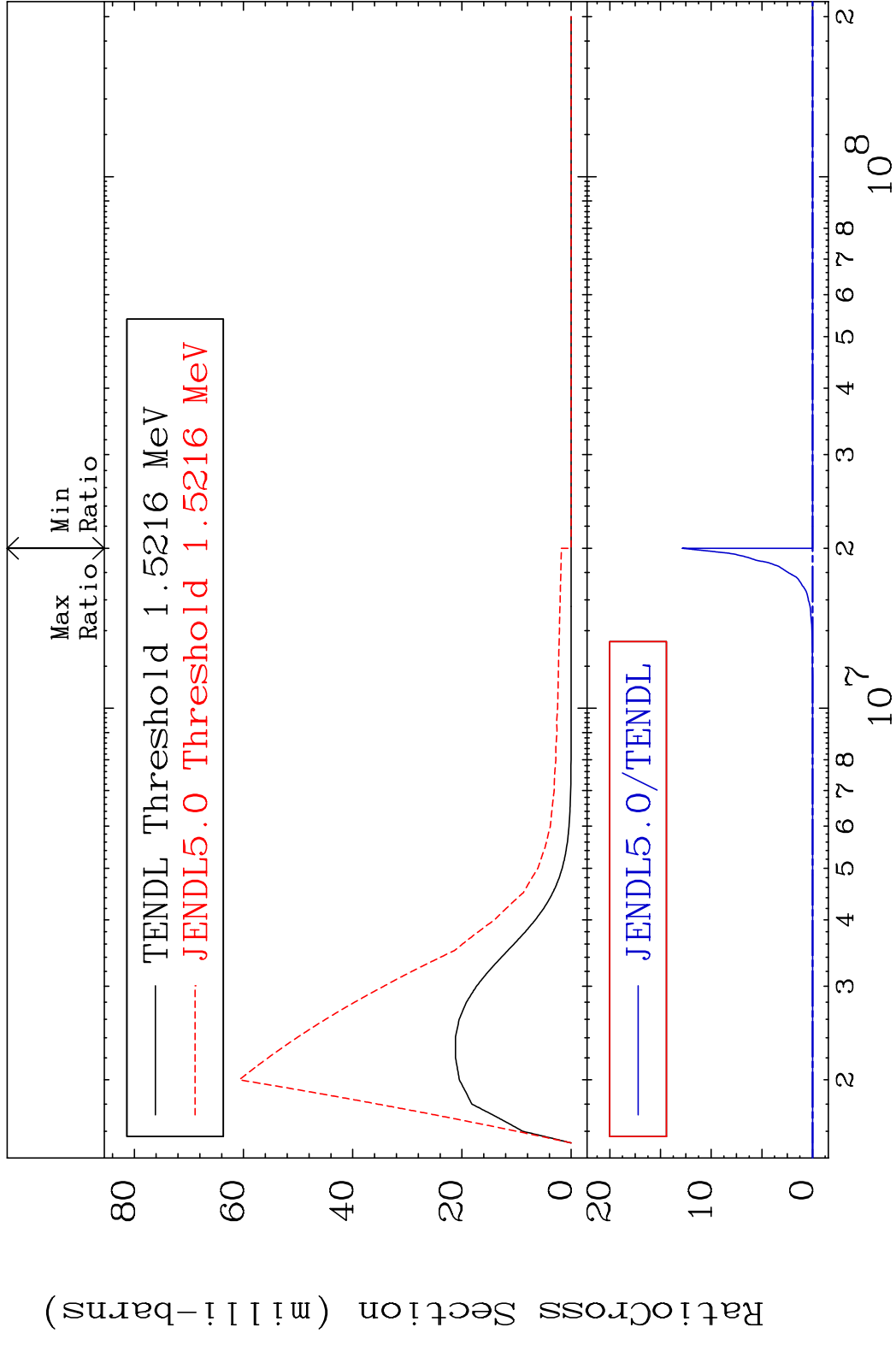
MAT 5125 MT= 64 (n, n') Level 51-Sb-121
 Cross Section -100.0 To 9999. %



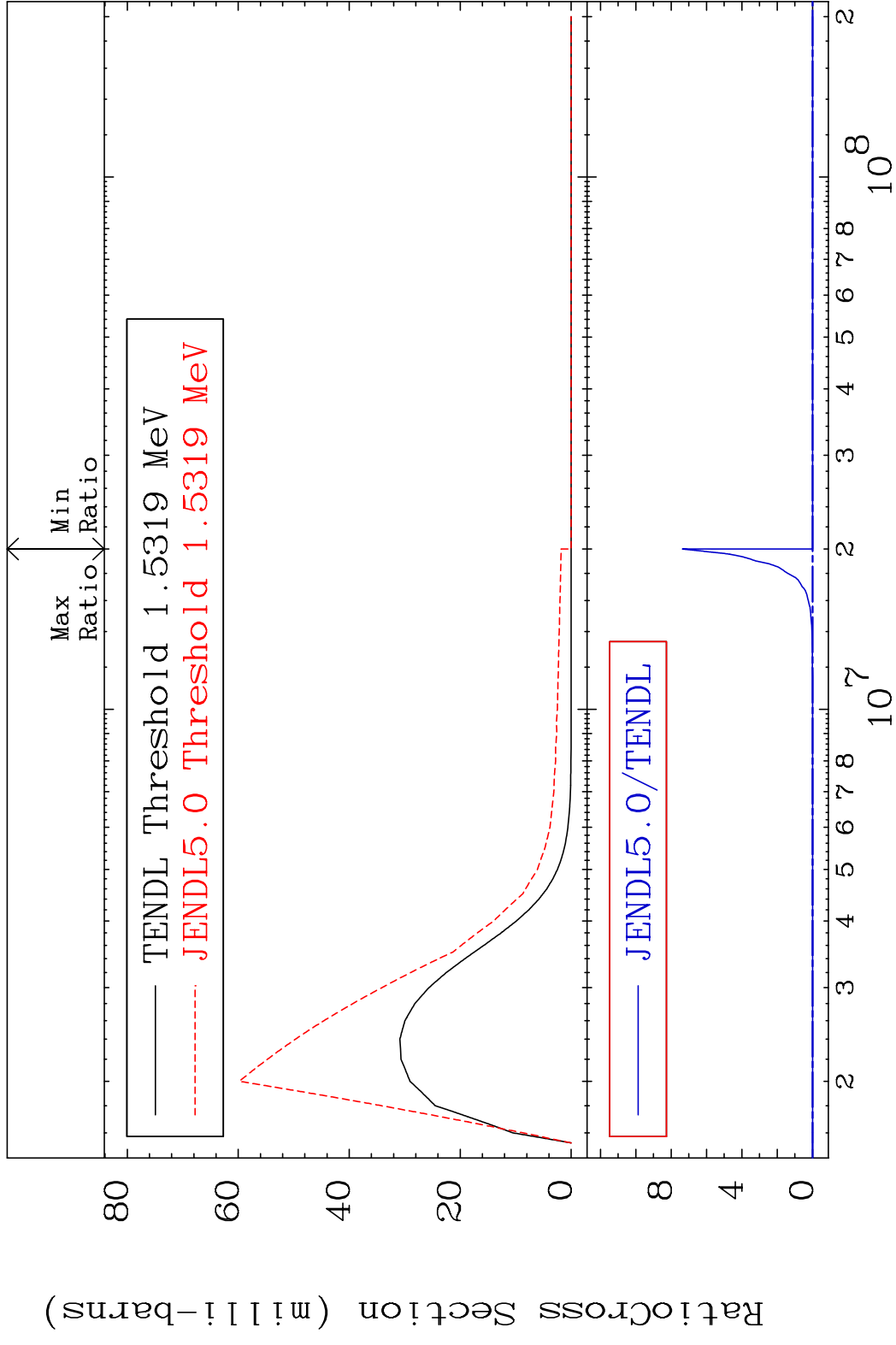
MAT 5125 MT= 65 (n, n') Level 51-Sb-121
 Cross Section -100.0 To 0.000 %



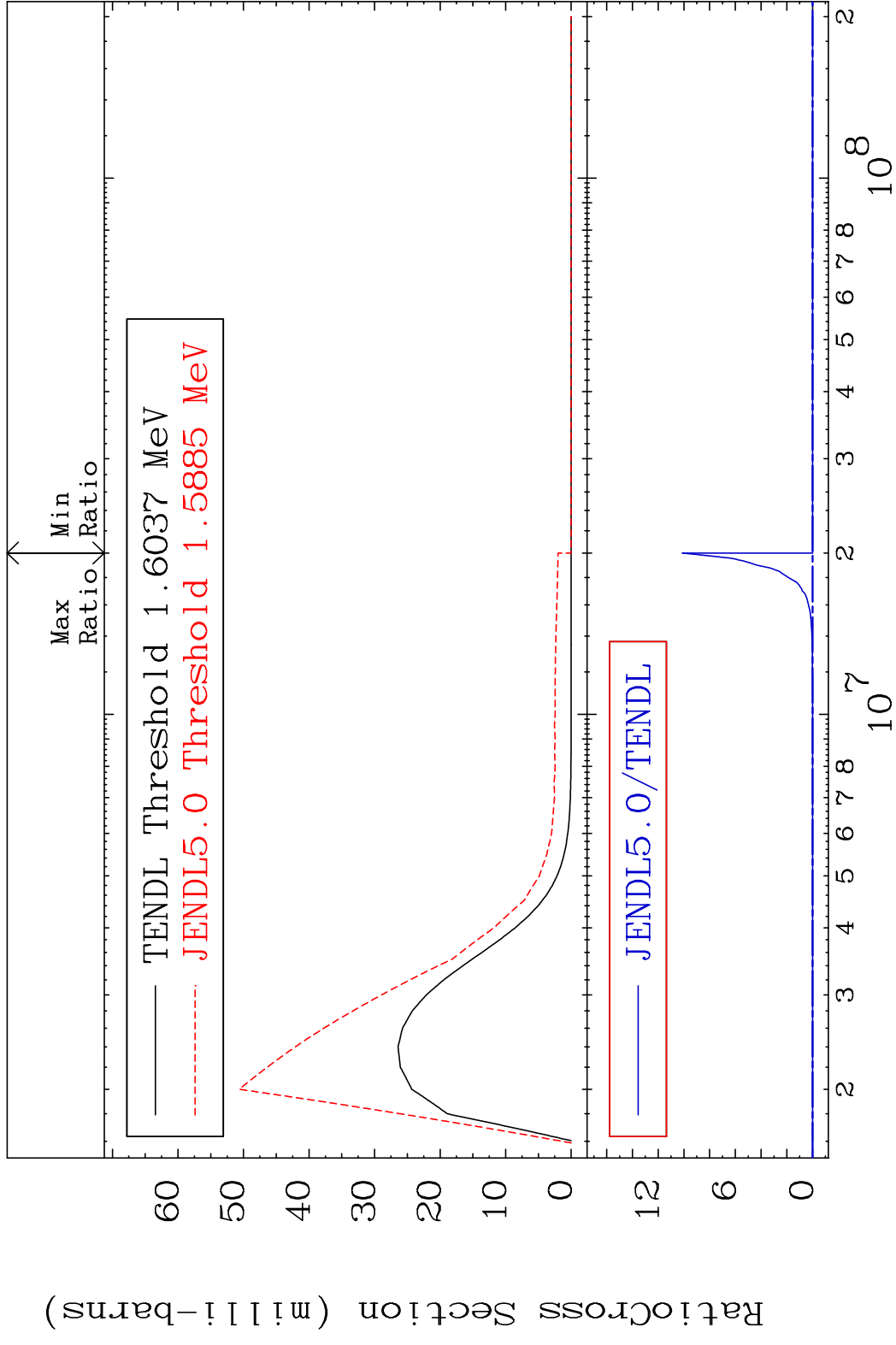
MAT 5125 MT= 66 (n, n') Level 51-Sb-121
 Cross Section -100.0 To 9999. %



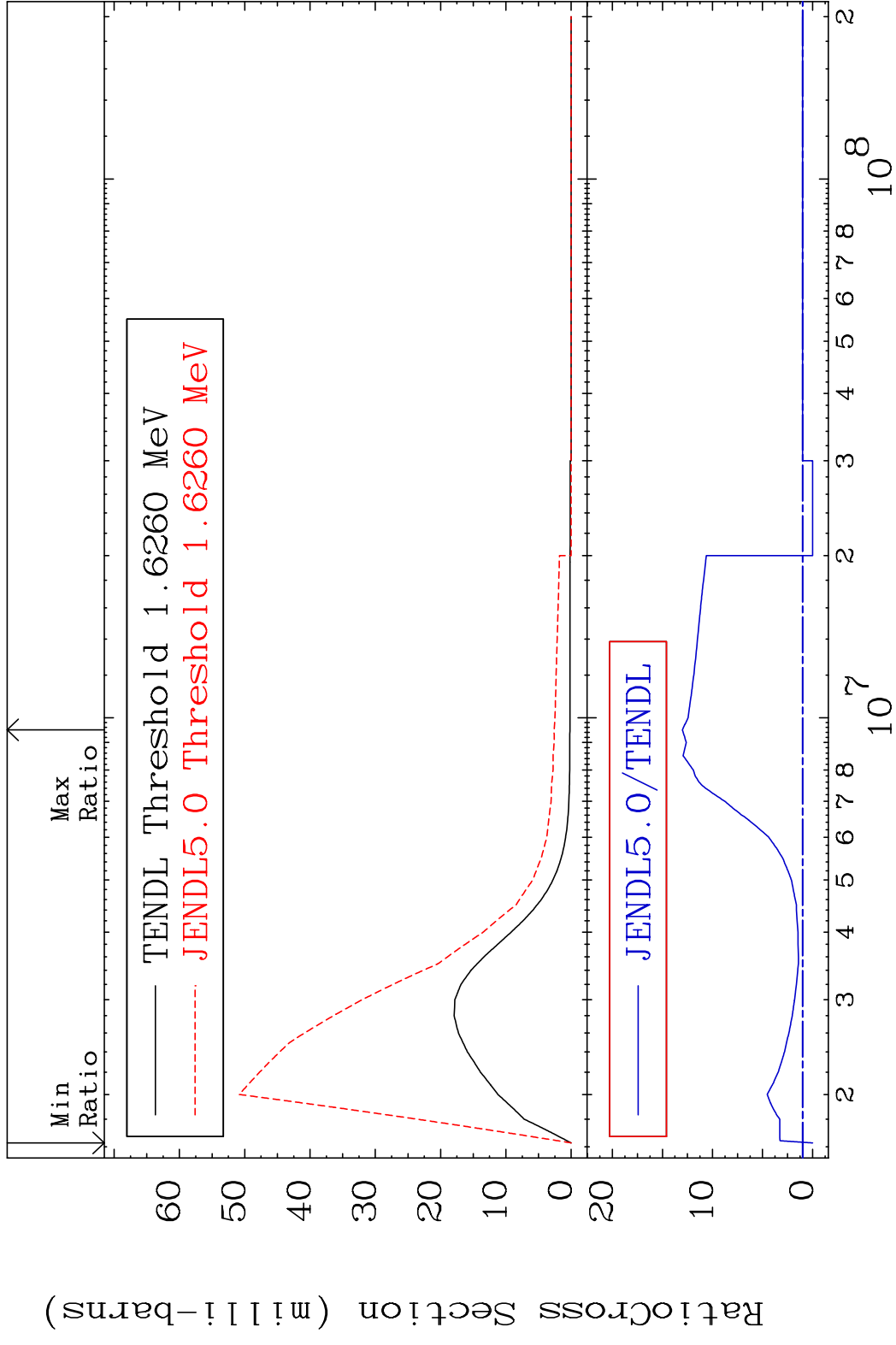
MAT 5125 MT= 67 (n, n') Level 51-Sb-121
 Cross Section -100.0 To 9999. %



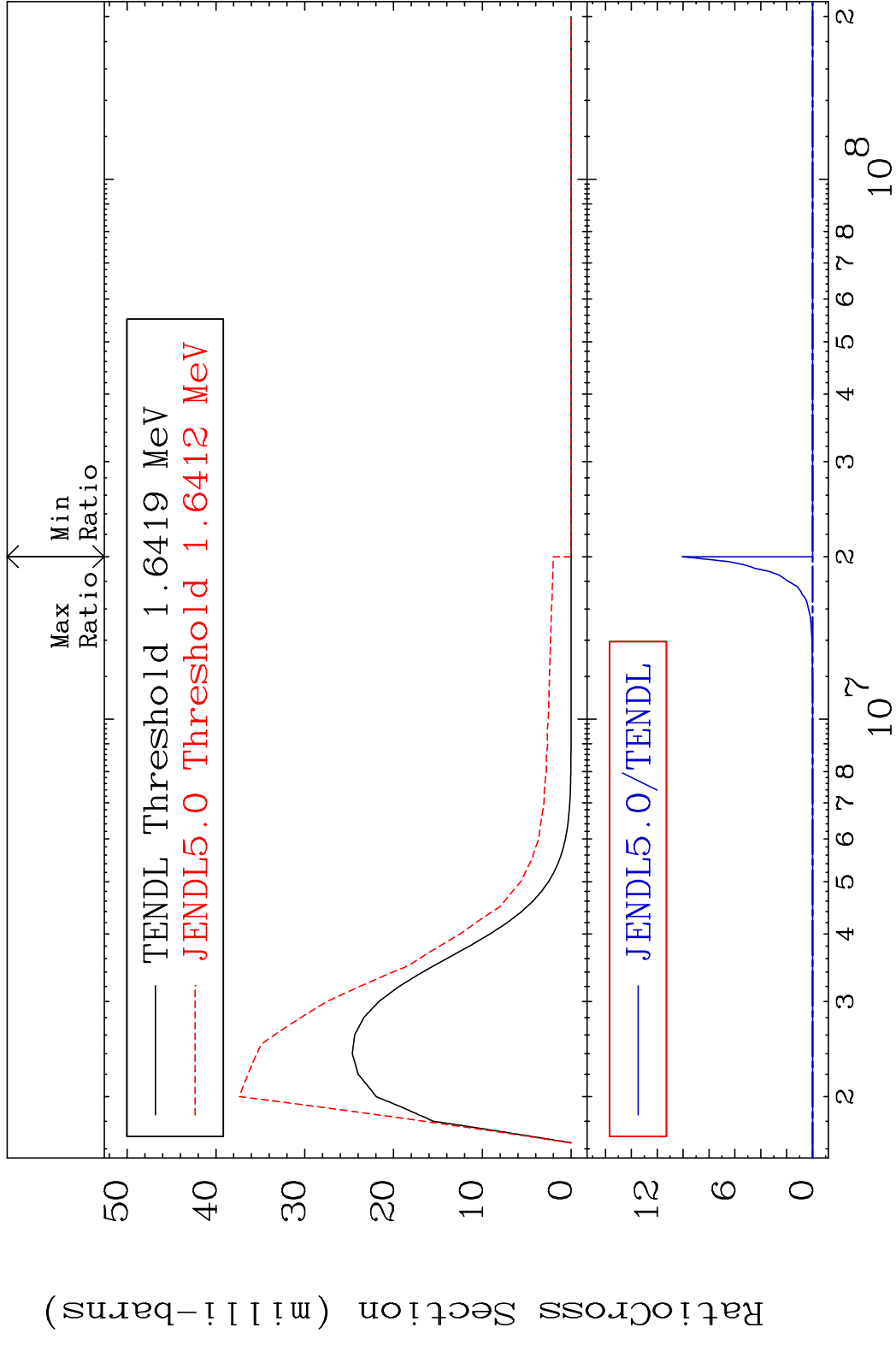
MAT 5125 MT= 68 (n, n') Level 51-Sb-121
 Cross Section -100.0 To 9999. %



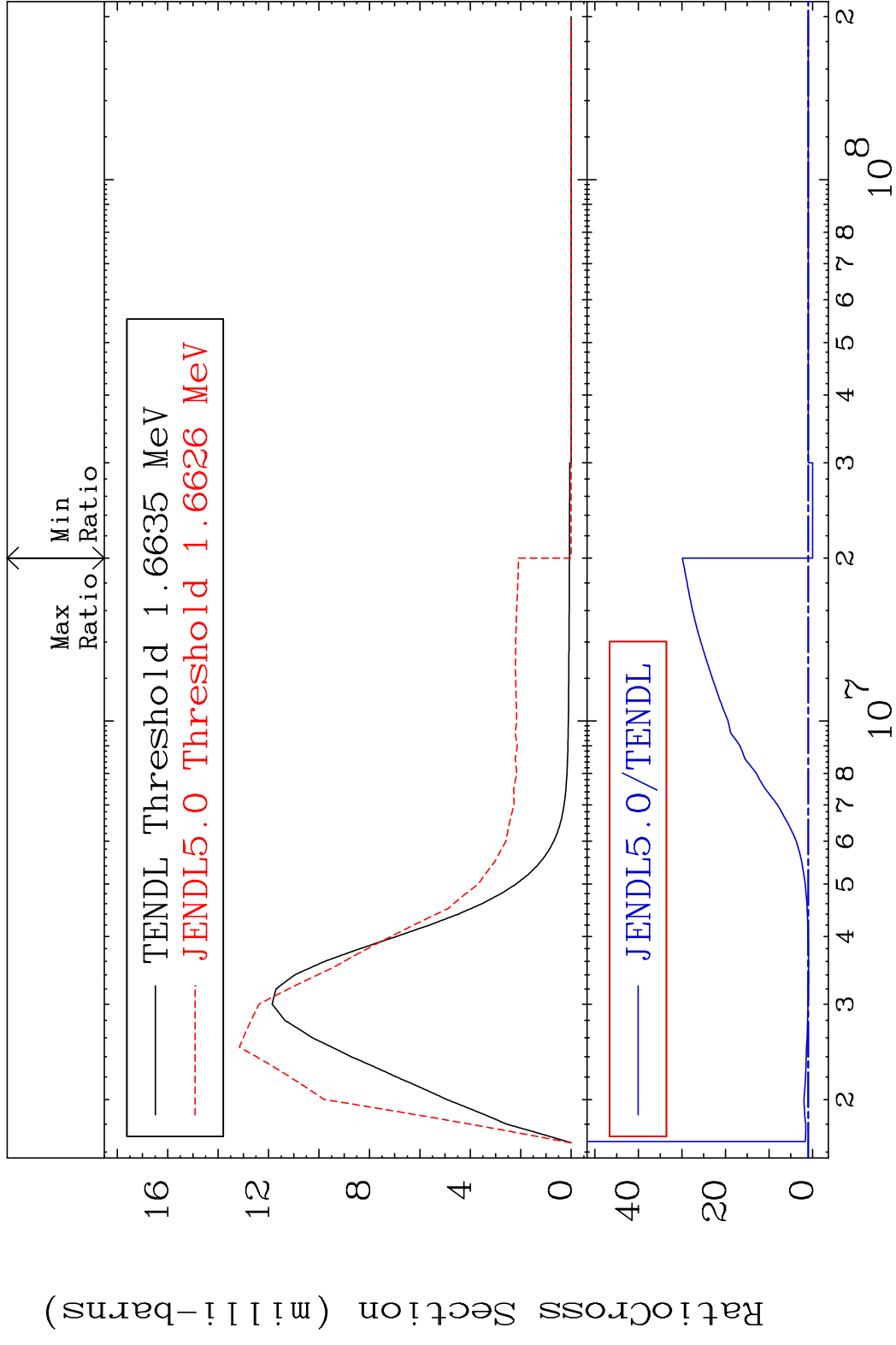
MAT 5125 MT= 69 (n, n') Level 51-Sb-121
 Cross Section -100.0 To 1201. %



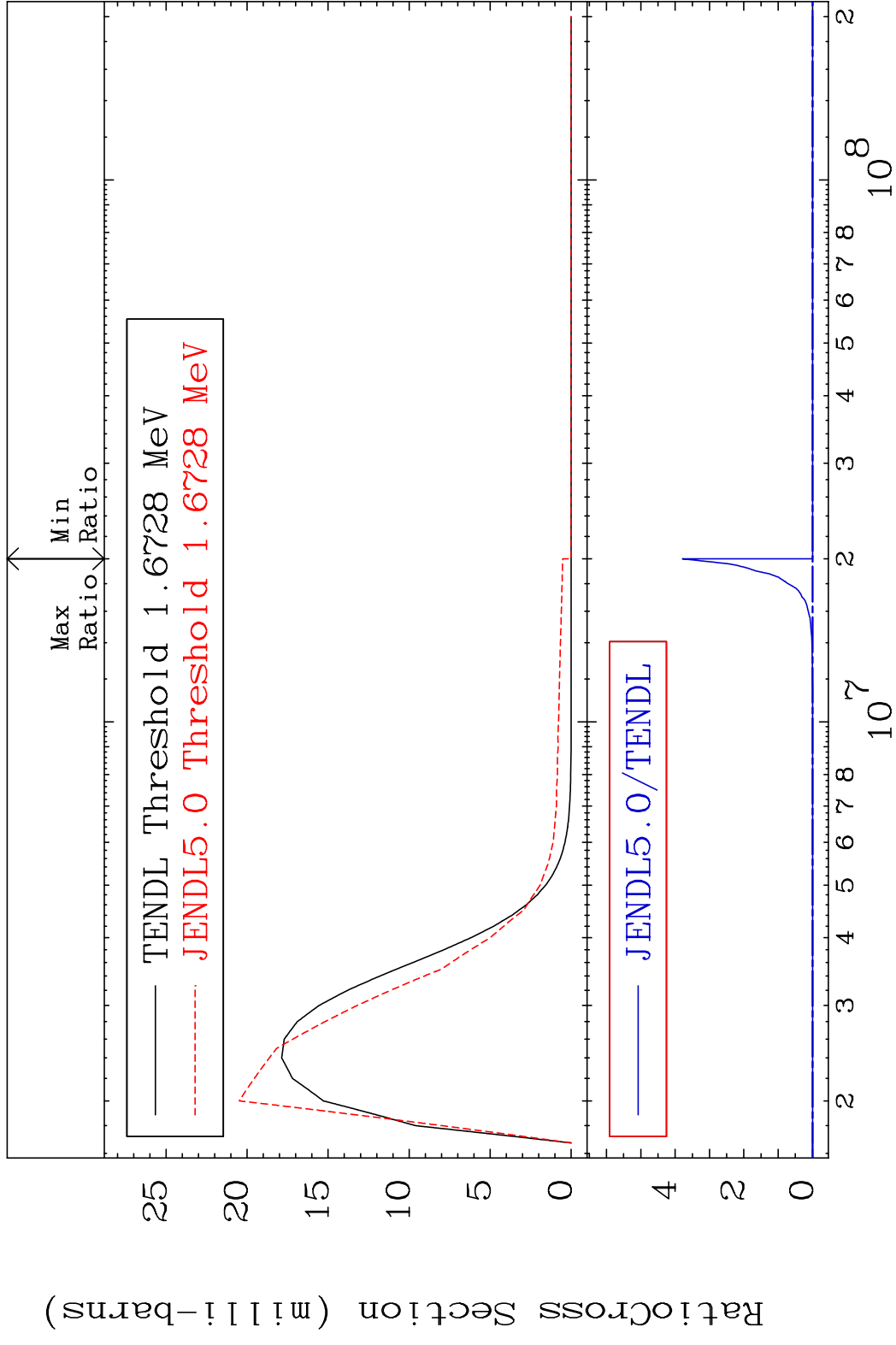
MAT 5125 MT= 70 (n, n') Level 51-Sb-121
 Cross Section -100.0 To 9999. %



MAT 5125 MT= 71 (n, n') Level 51-Sb-121
 Cross Section -100.0 To 2890. %



MAT 5125 MT= 72 (n, n') Level 51-Sb-121
 Cross Section -100.0 To 9999. %

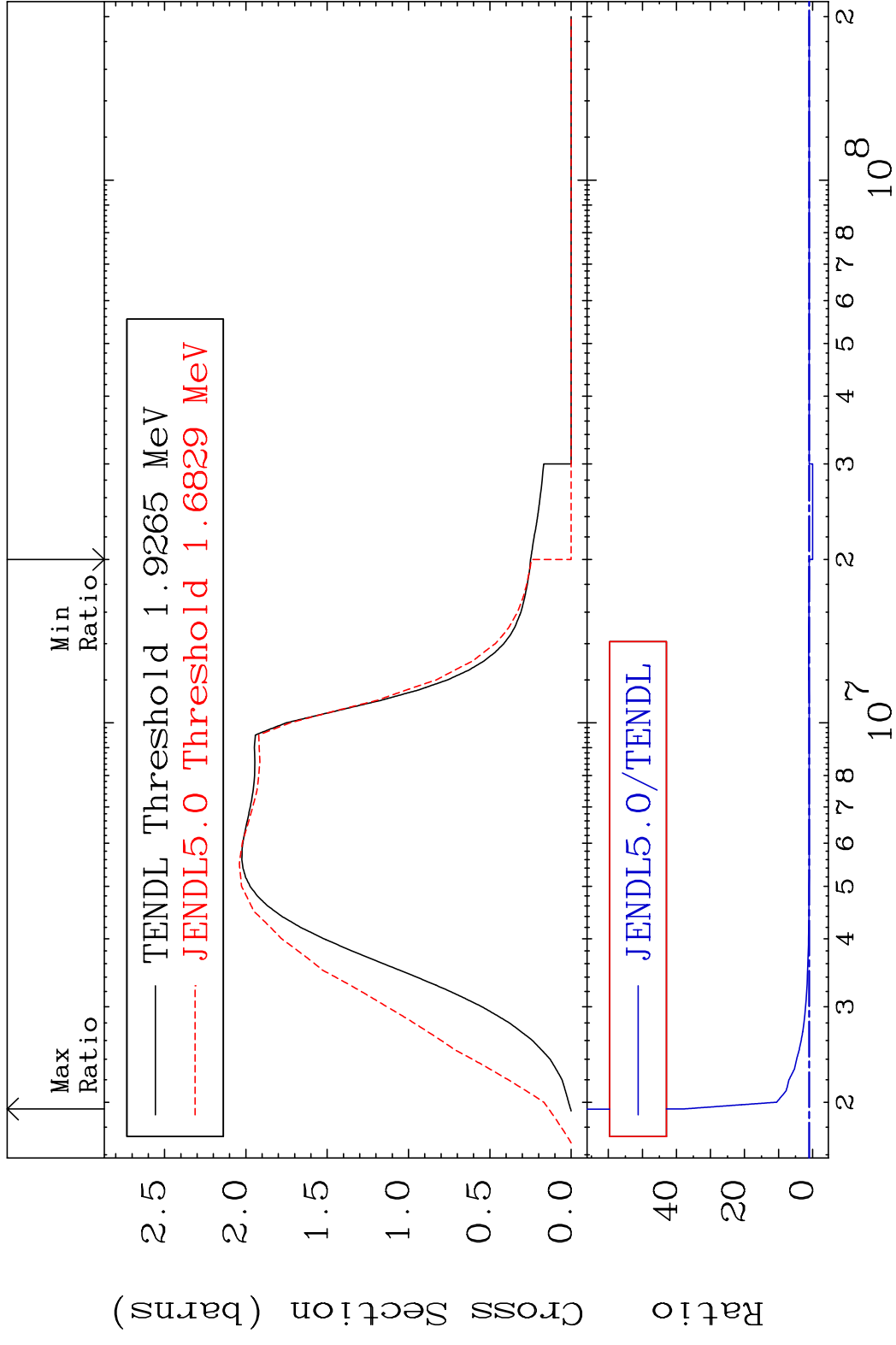


MAT 5125

(n, n') Continuum

51-Sb-121

Cross Section -100.0 To 3725. %

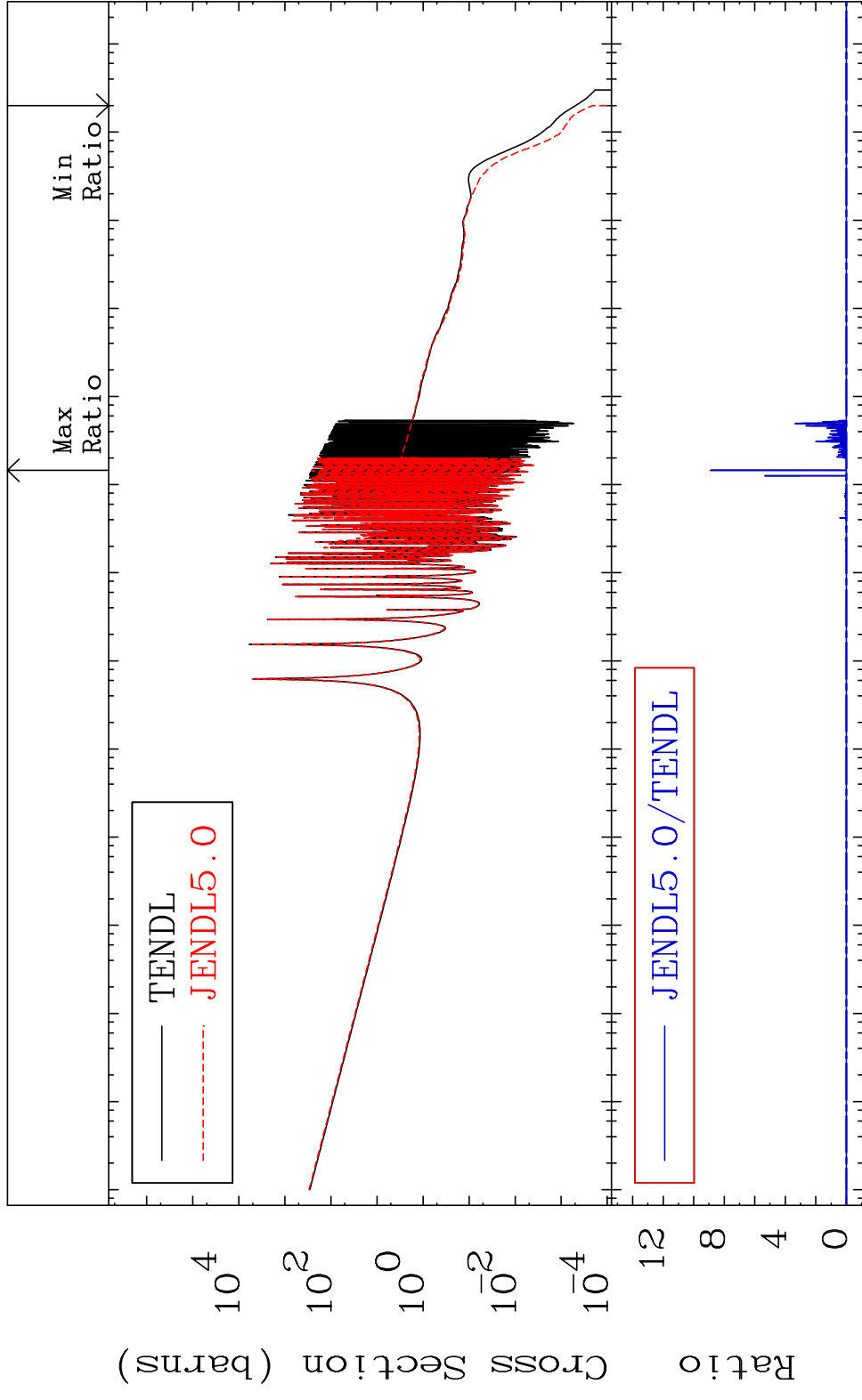


MAT 5125

(n, γ)

51-Sb-121

Cross Section -100.0 To 9999. %

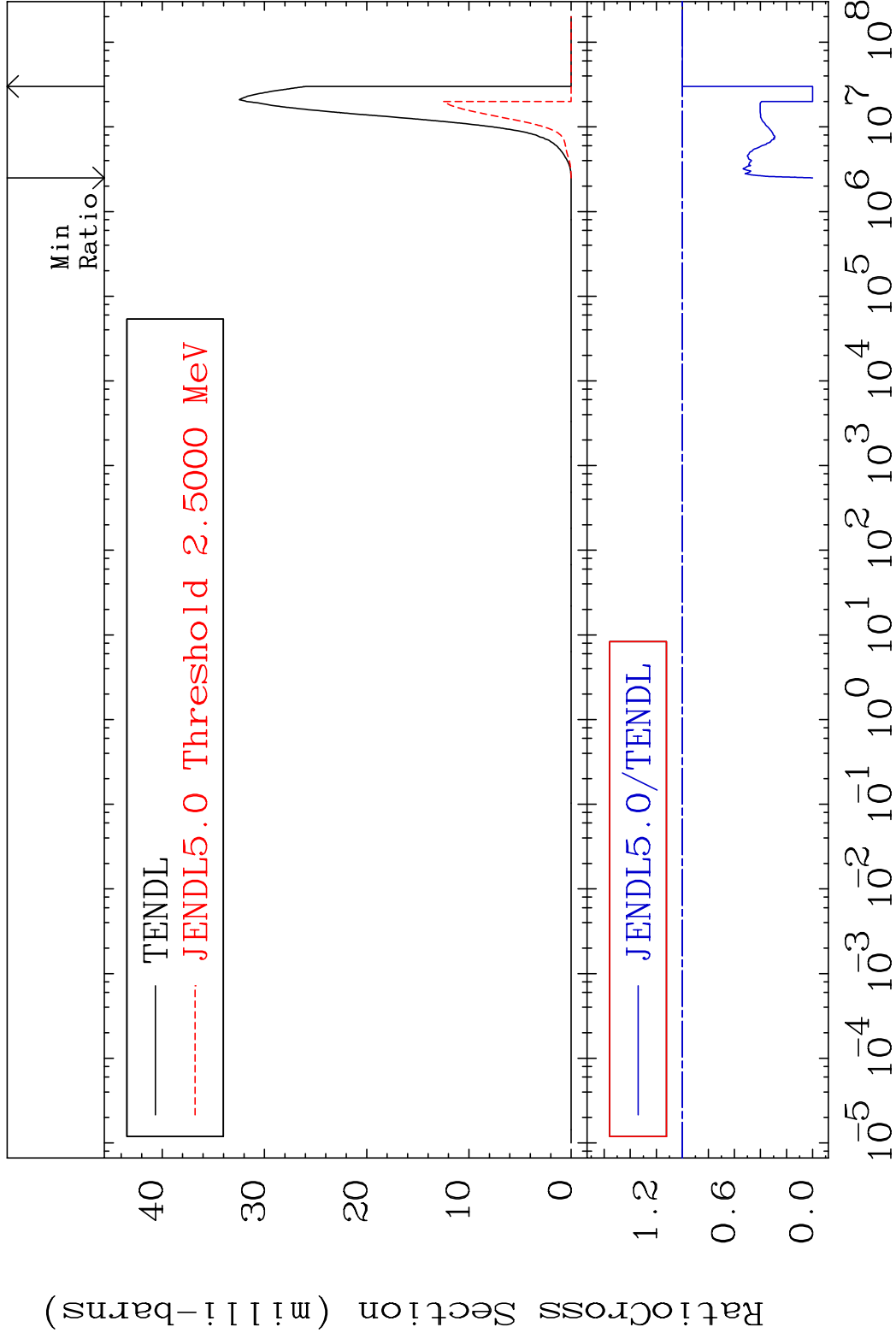


MAT 5125

(n, p)

51-Sb-121

Cross Section -100.0 To 0.000 %

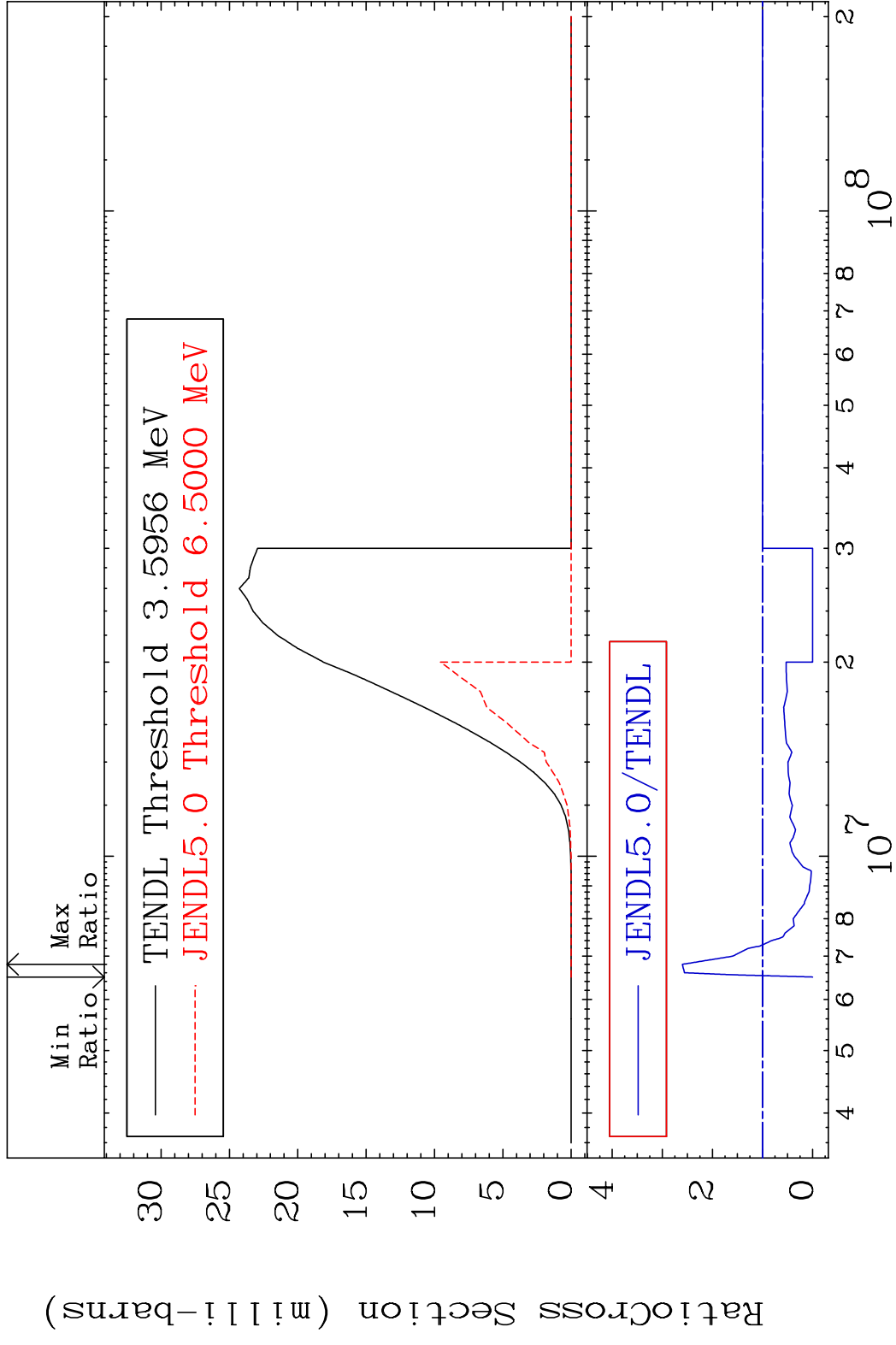


34

Incident Energy (eV)

51-Sb-121

MAT 5125 (n,d) 51-Sb-121
 Cross Section -100.0 To 160.0 %

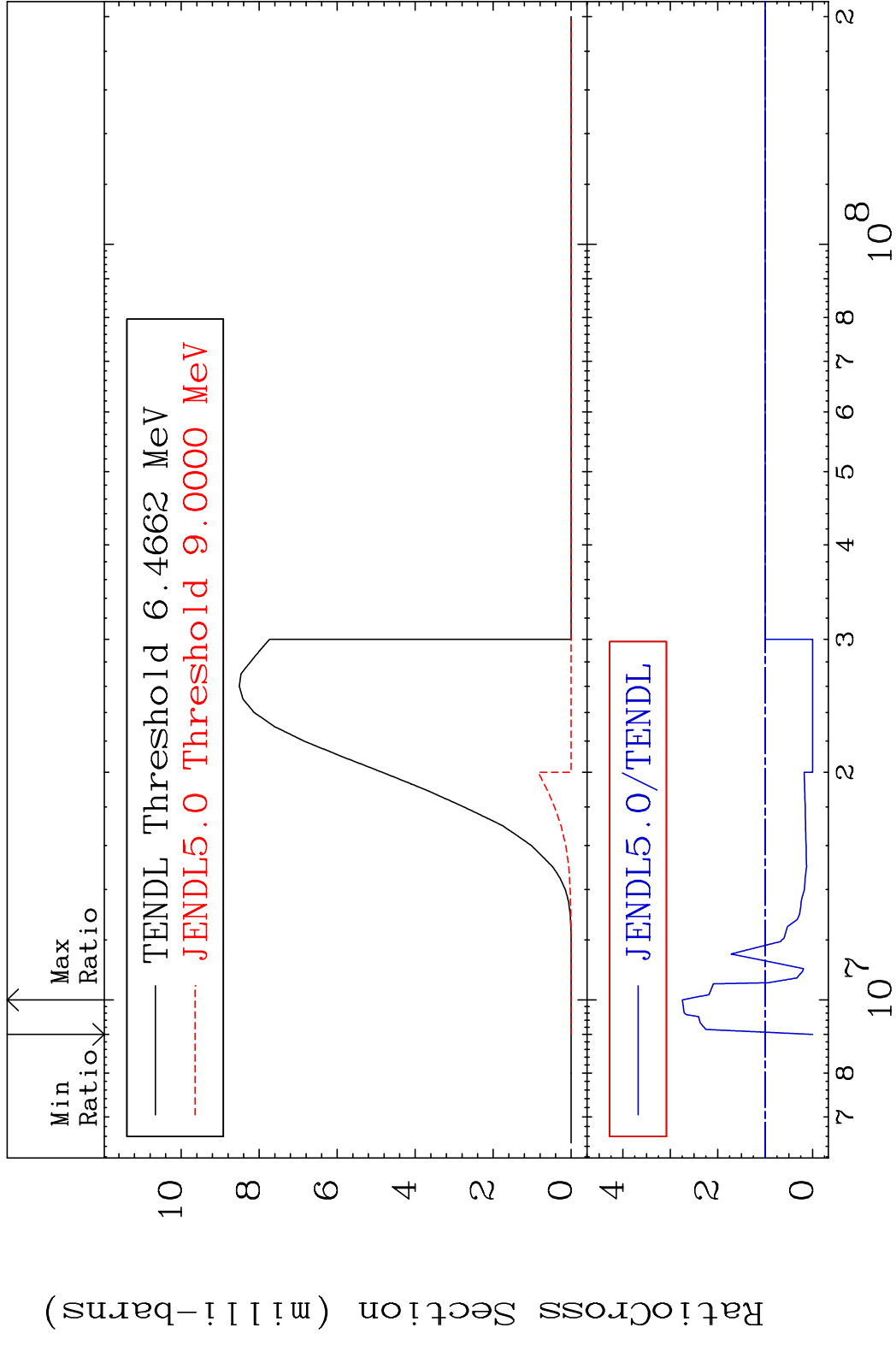


MAT 5125

(n, t)

51-Sb-121

Cross Section -100.0 To 174.5 %

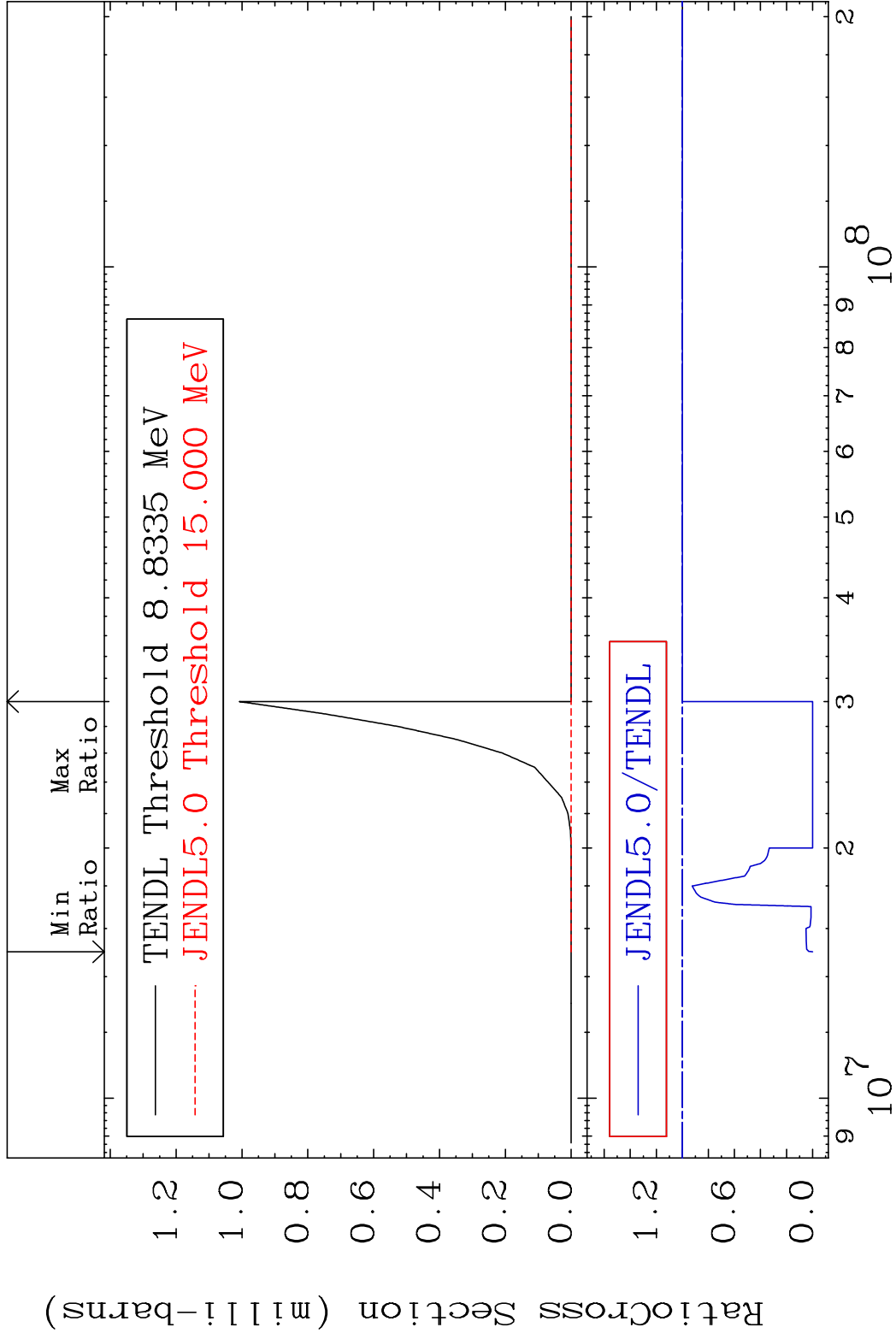


MAT 5125

(n, He-3)

51-Sb-121

Cross Section -100.0 To 0.000 %



37

Incident Energy (eV)

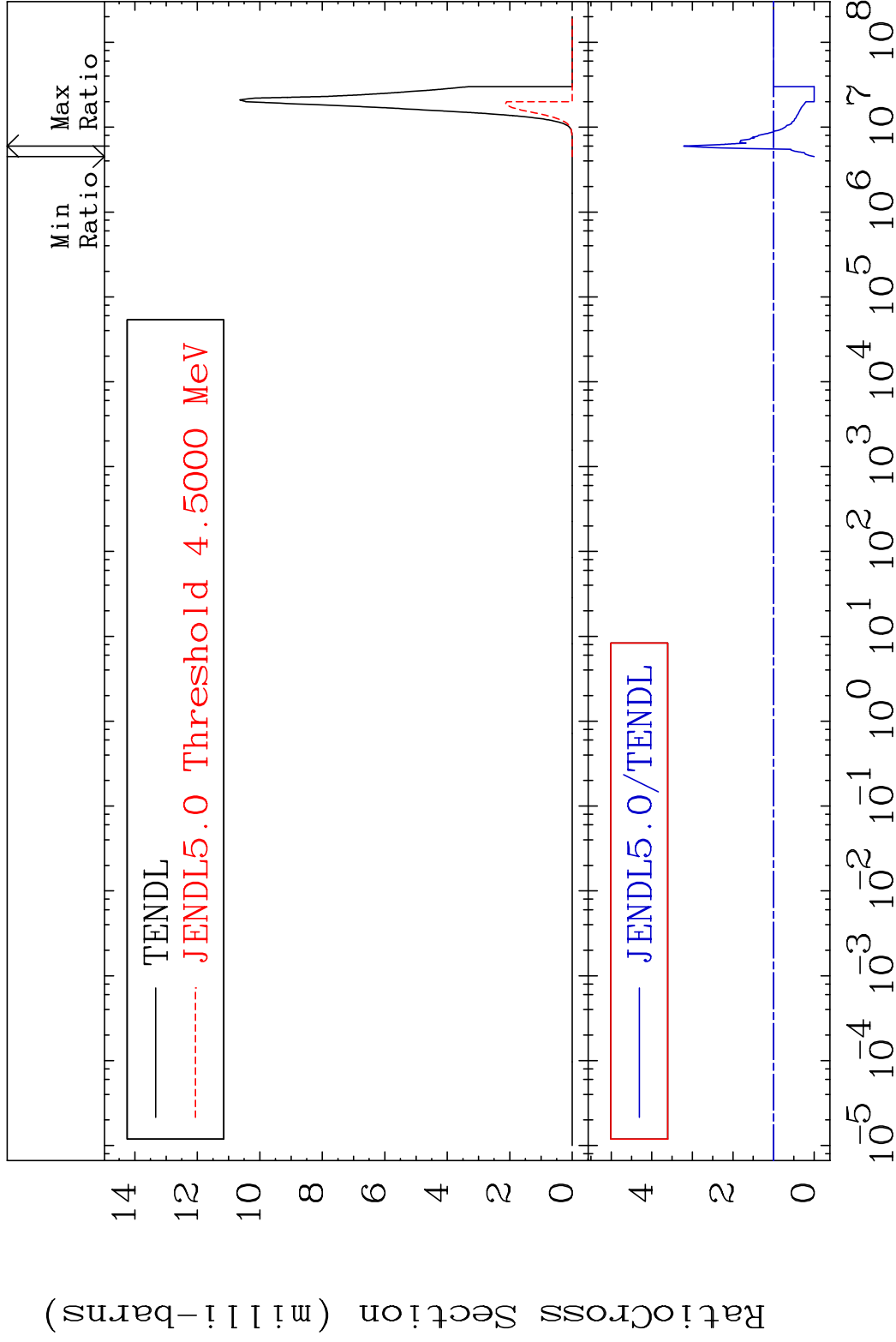
51-Sb-121

MAT 5125

(n, α)

51-Sb-121

Cross Section -100.0 To 221.5 %



38

Incident Energy (eV)

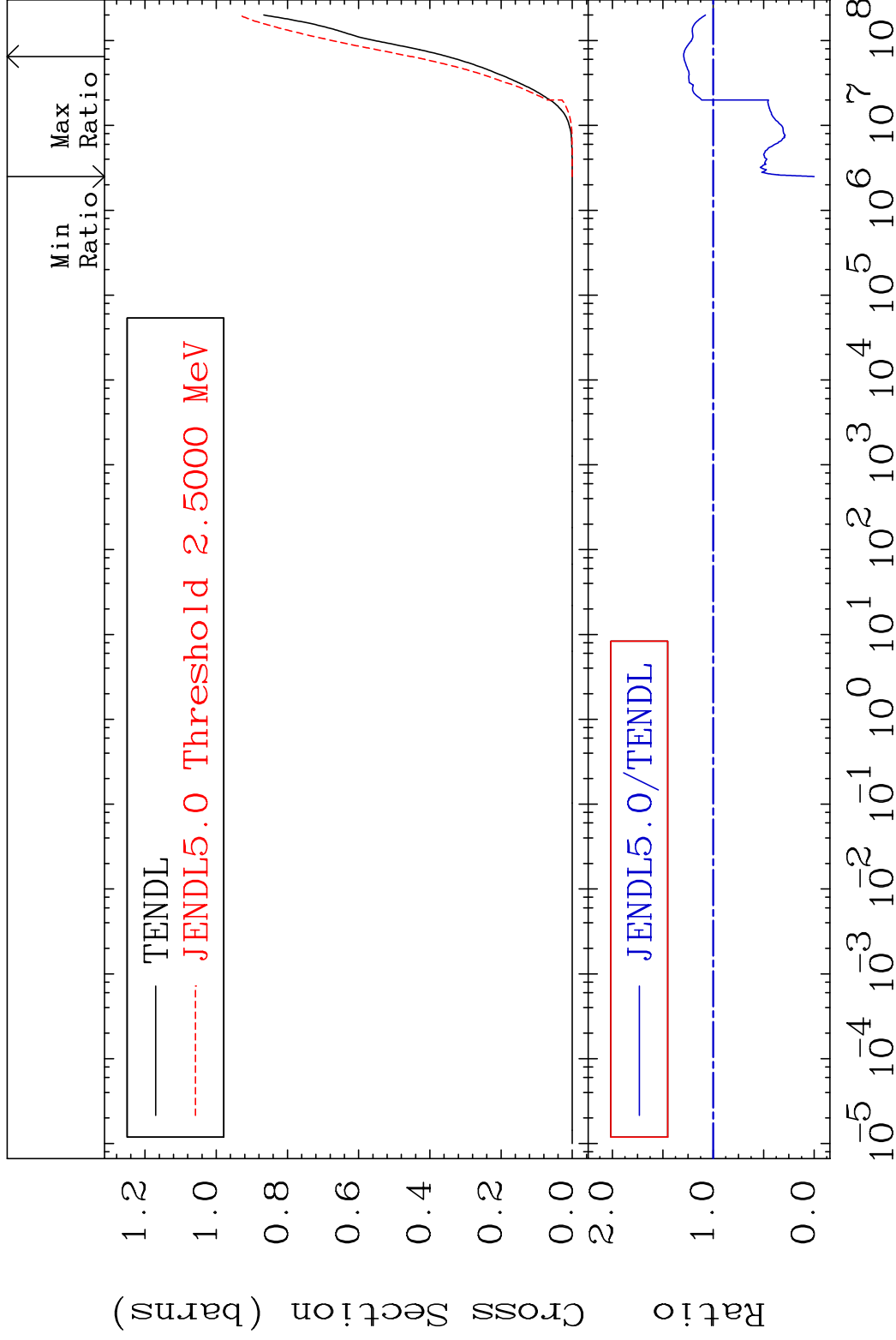
51-Sb-121

MAT 5125

Hydrogen Production

51-Sb-121

Cross Section -100.0 To 29.32 %

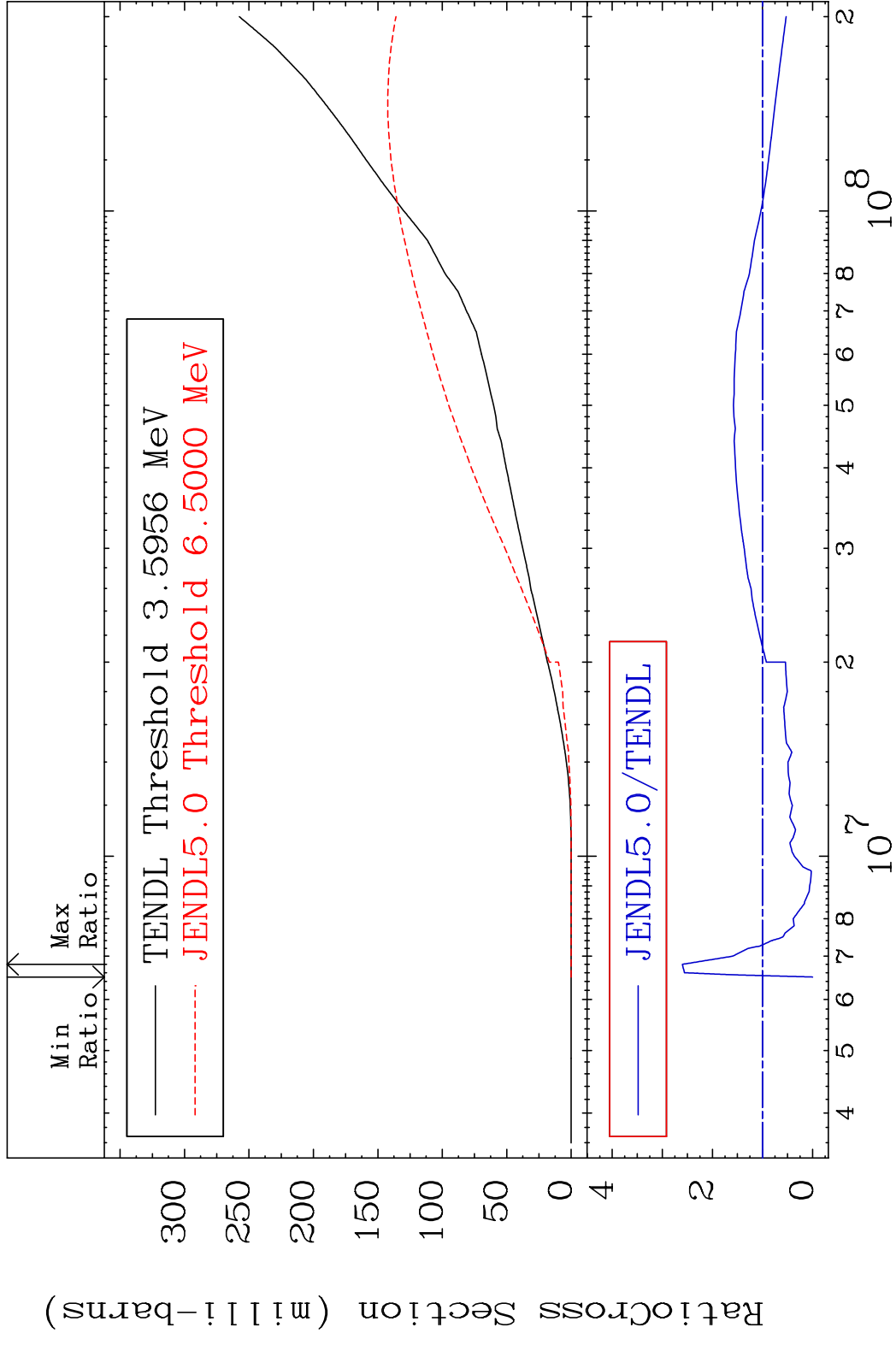


39

Incident Energy (eV)

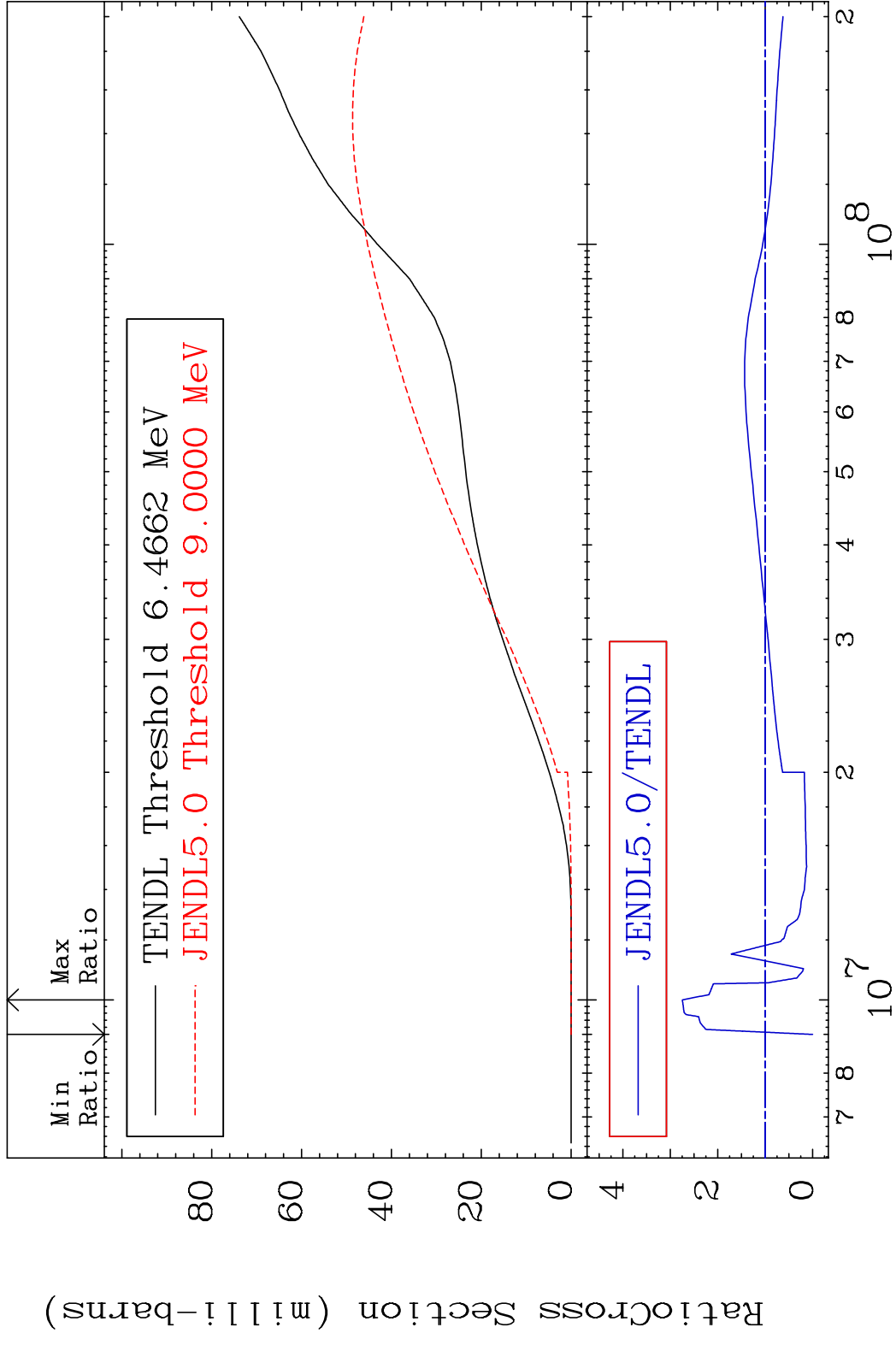
51-Sb-121

MAT 5125 Deuterium Production 51-Sb-121
 Cross Section -100.0 To 160.0 %



40 Incident Energy (eV) 51-Sb-121

MAT 5125 Tritium Production 51-Sb-121
 Cross Section -100.0 To 174.5 %

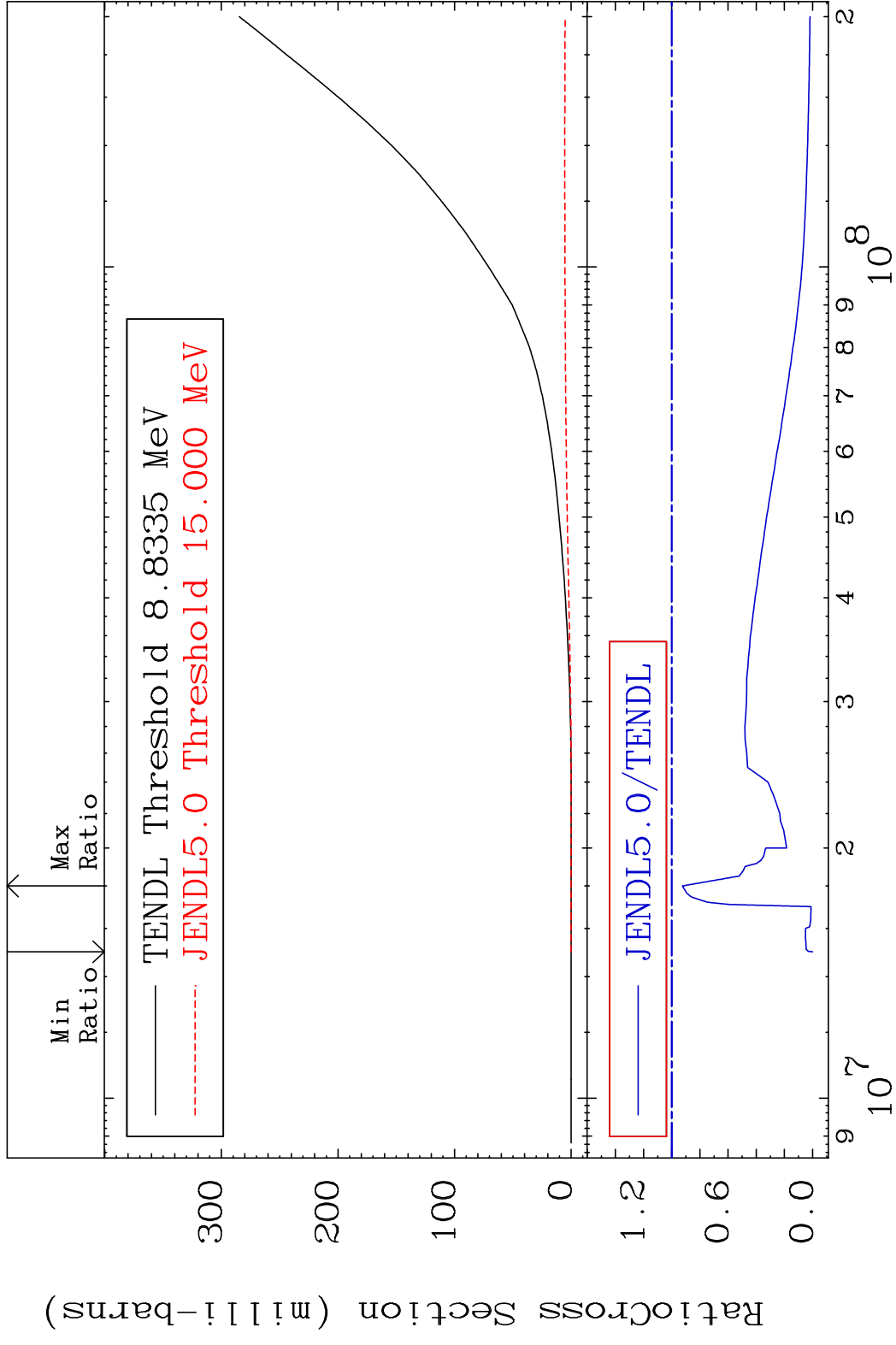


MAT 5125

He-3 Production

51-Sb-121

Cross Section -100.0 To -7.521%



42

Incident Energy (eV)

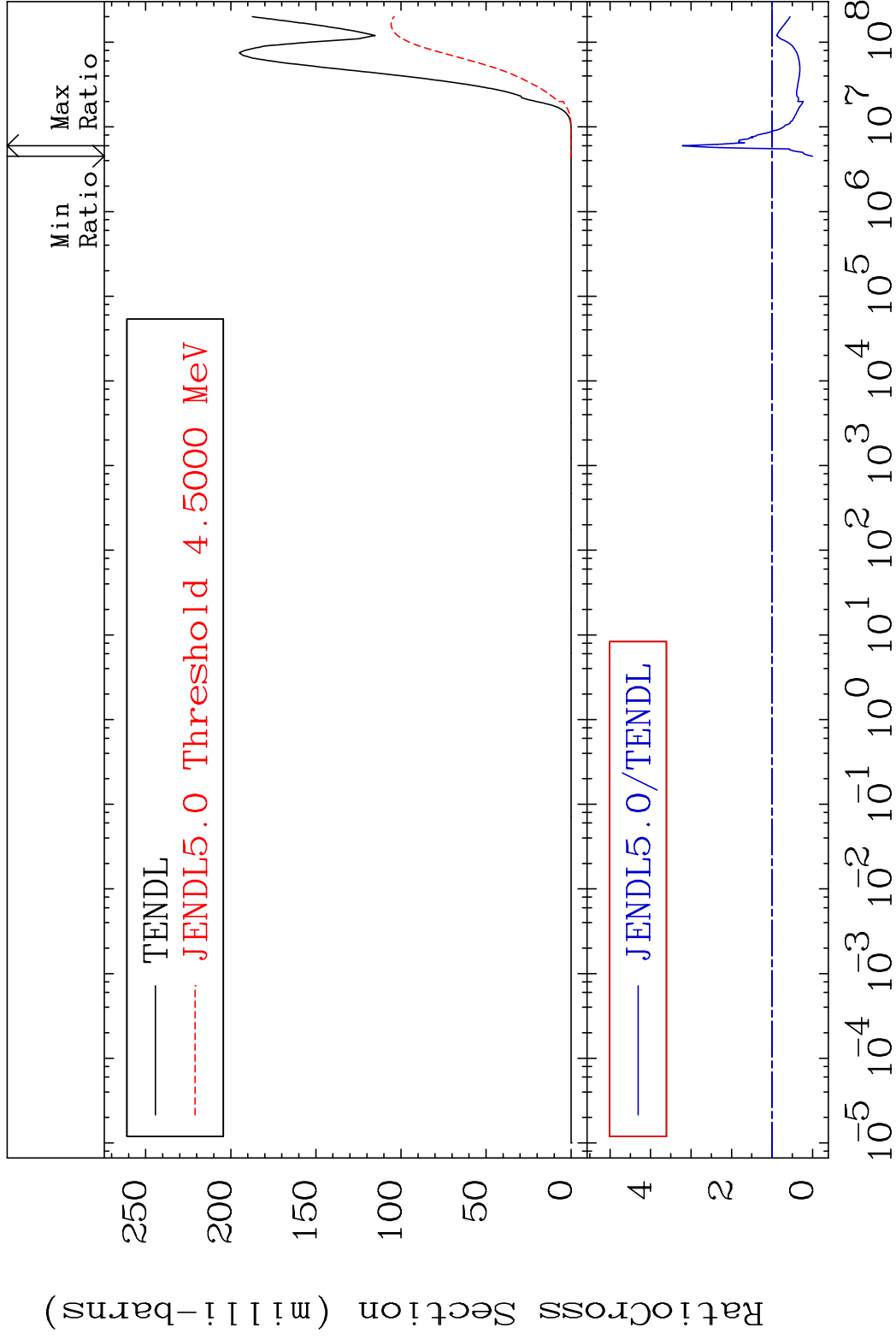
51-Sb-121

MAT 5125

He-4 Production

51-Sb-121

Cross Section -100.0 To 221.5 %

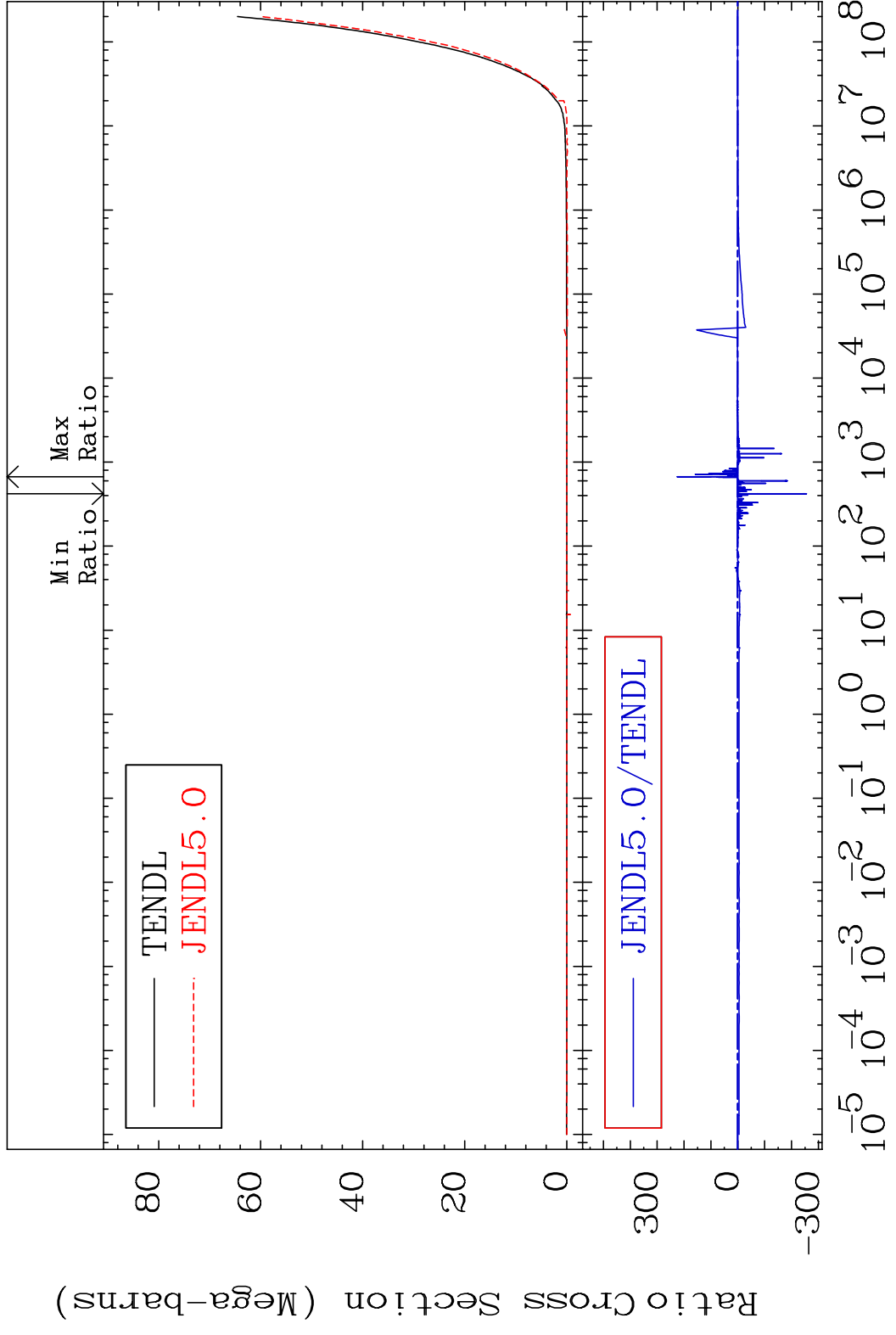


43

Incident Energy (eV)

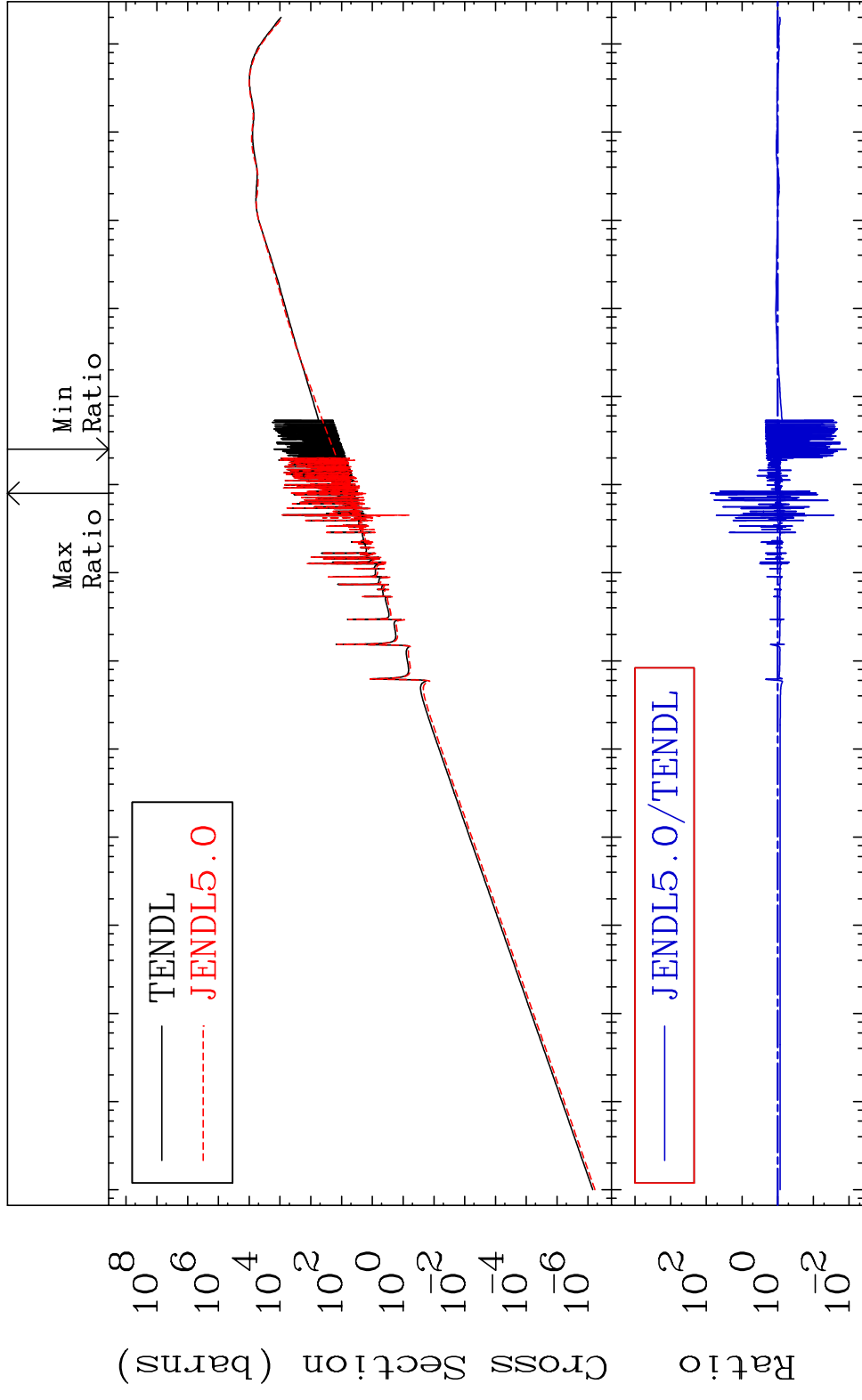
51-Sb-121

MAT 5125 Kerma total (eV-barns) 51-Sb-121
 Cross Section -9999. To 9999. %



MAT 5125

Kerma elastic Cross Section -98.82 To 7440. %
51-Sb-121

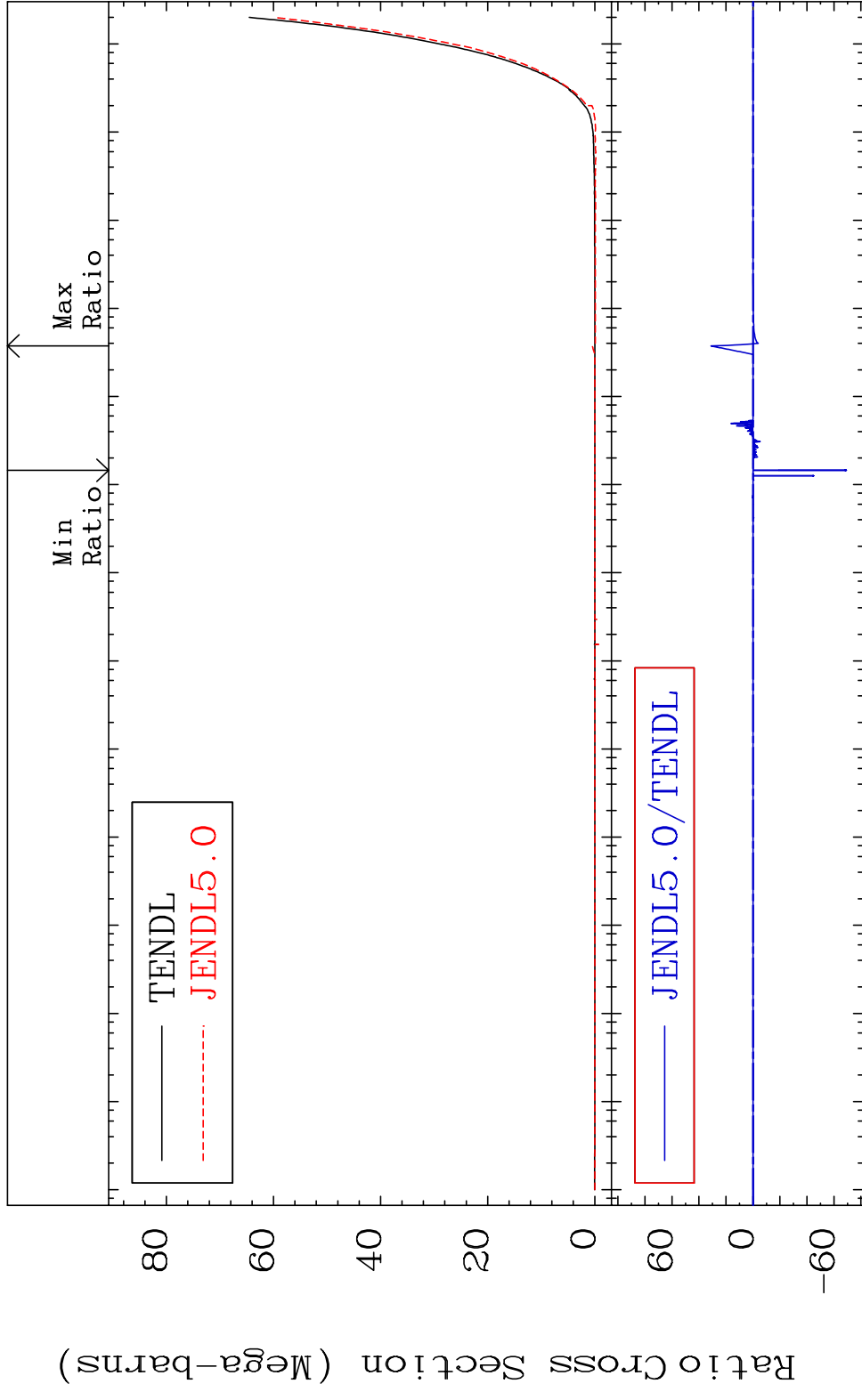


45

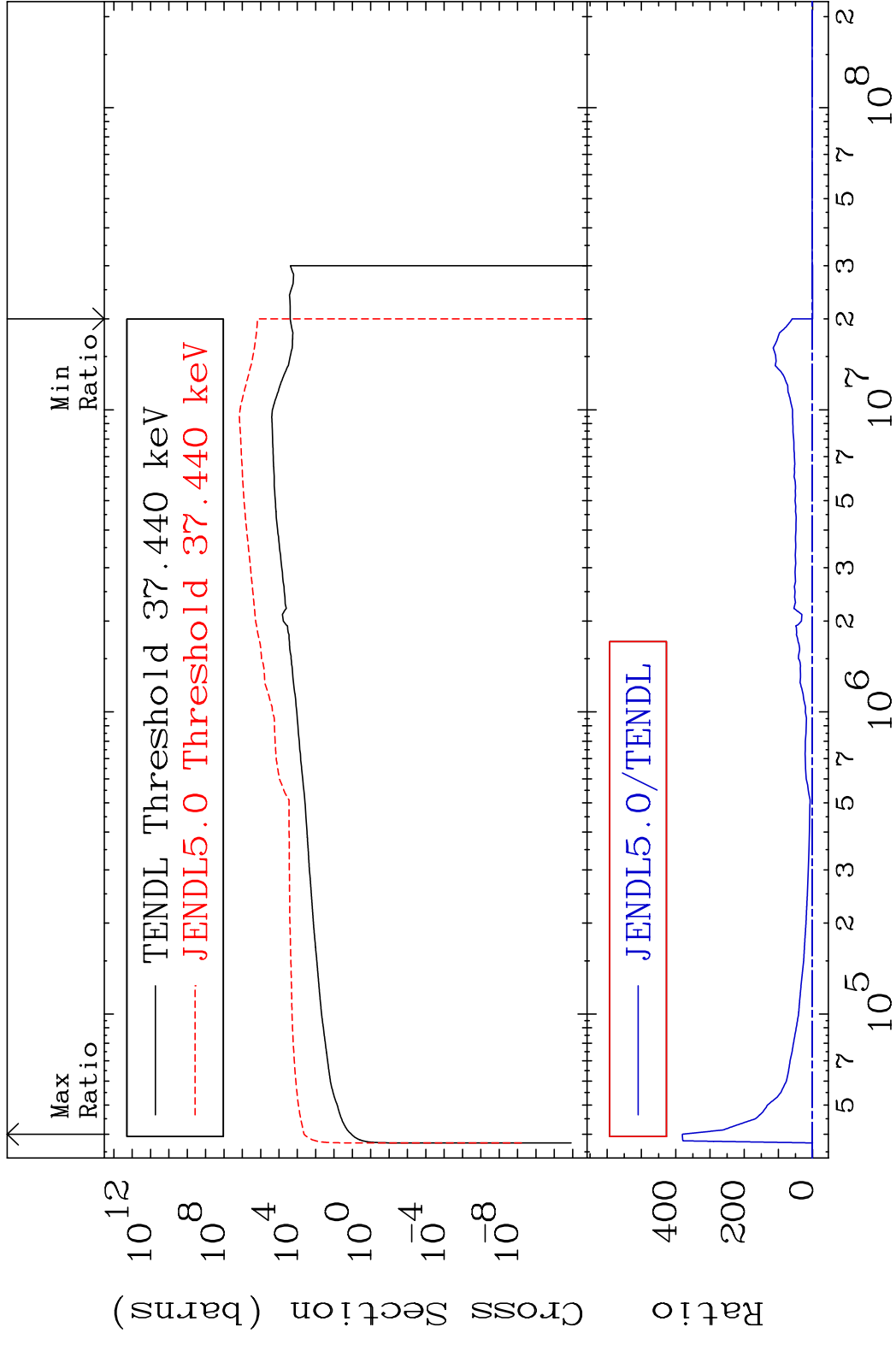
Incident Energy (eV)

51-Sb-121

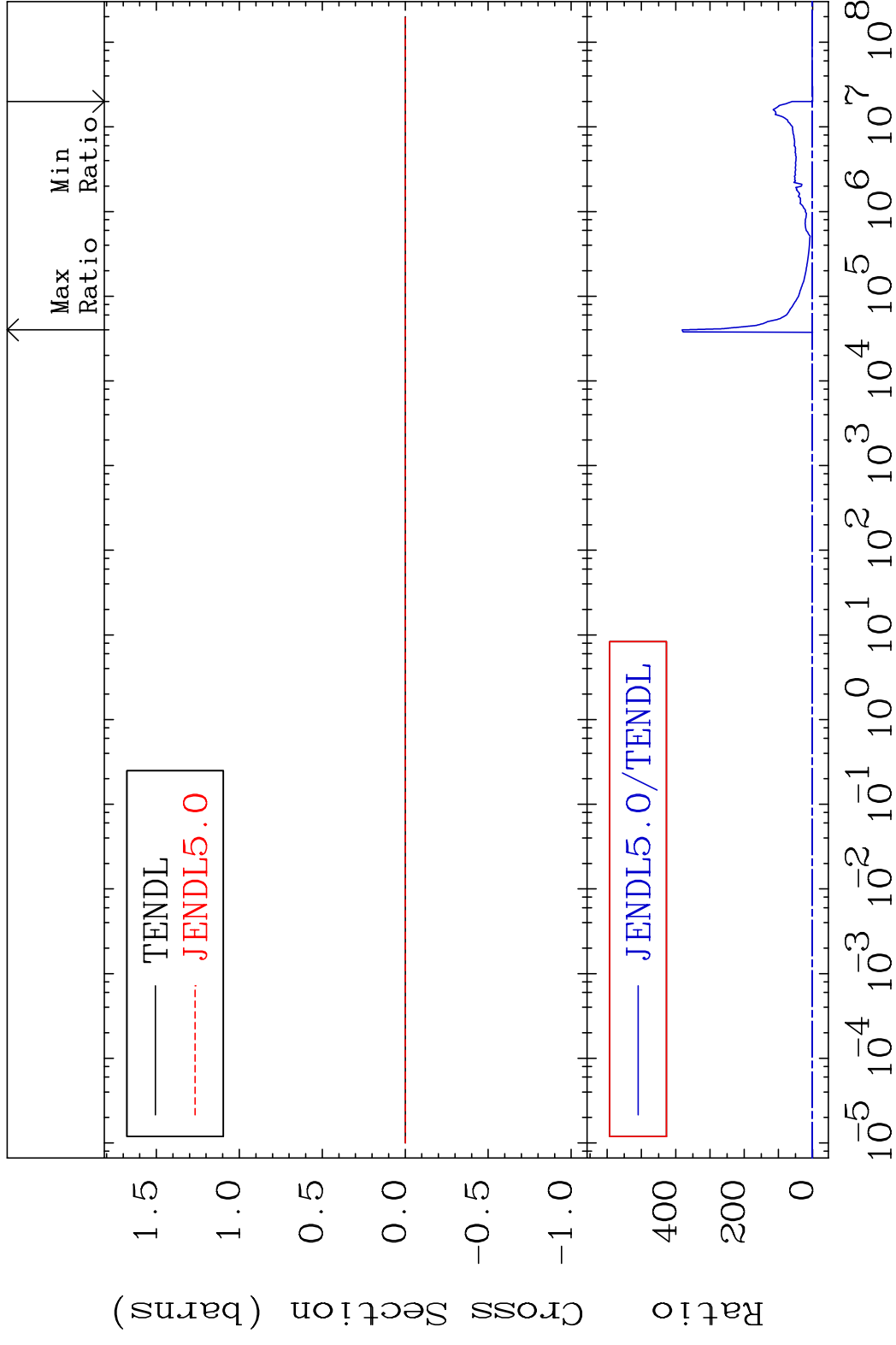
MAT 5125 Kerma non-elastic (all but mt2) 51-Sb-121
 Cross Section -9999. To 9999. %



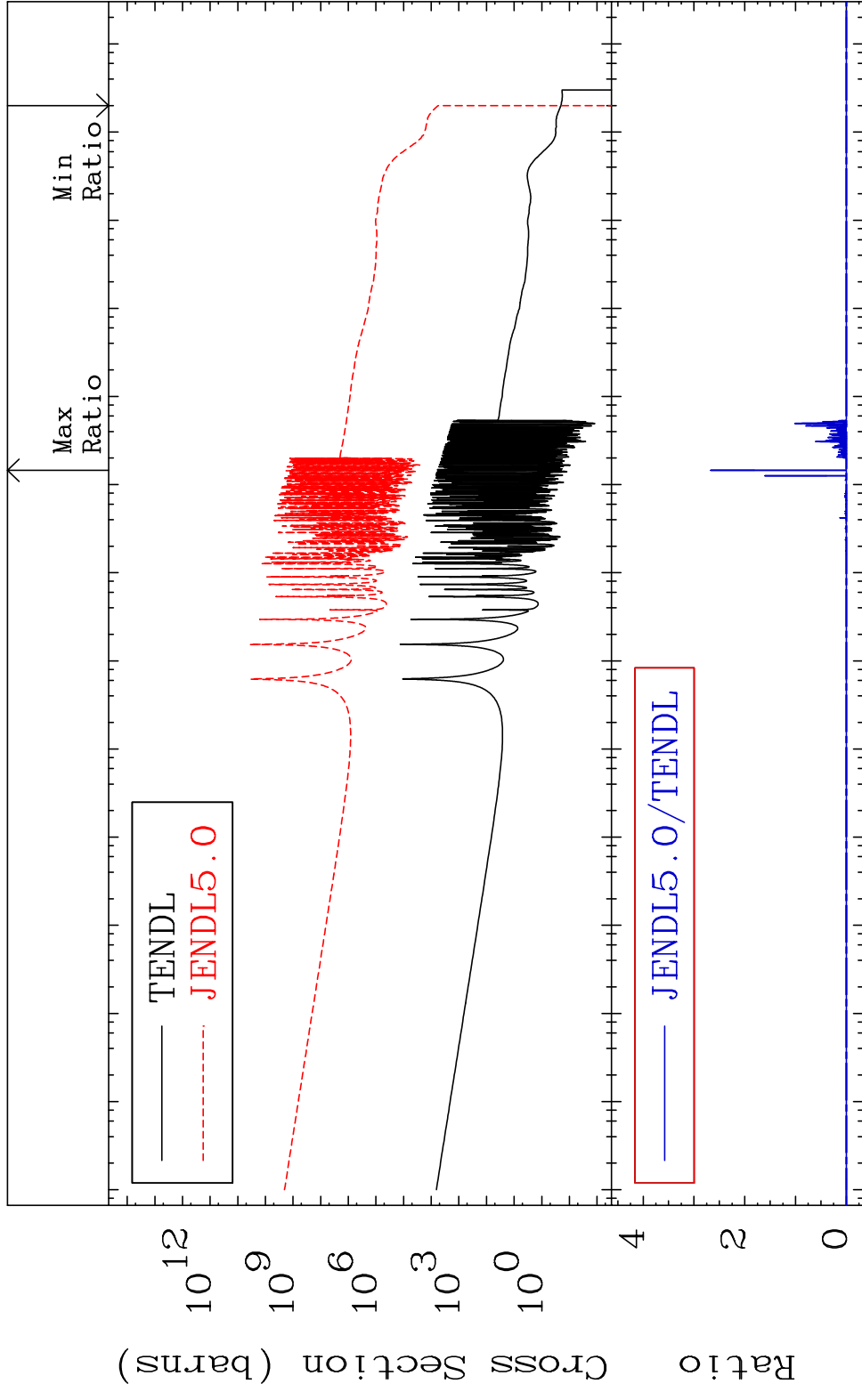
MAT 5125 Kerma inelastic (mt51-91) 51-Sb-121
 Cross Section -100.0 To 9999. %



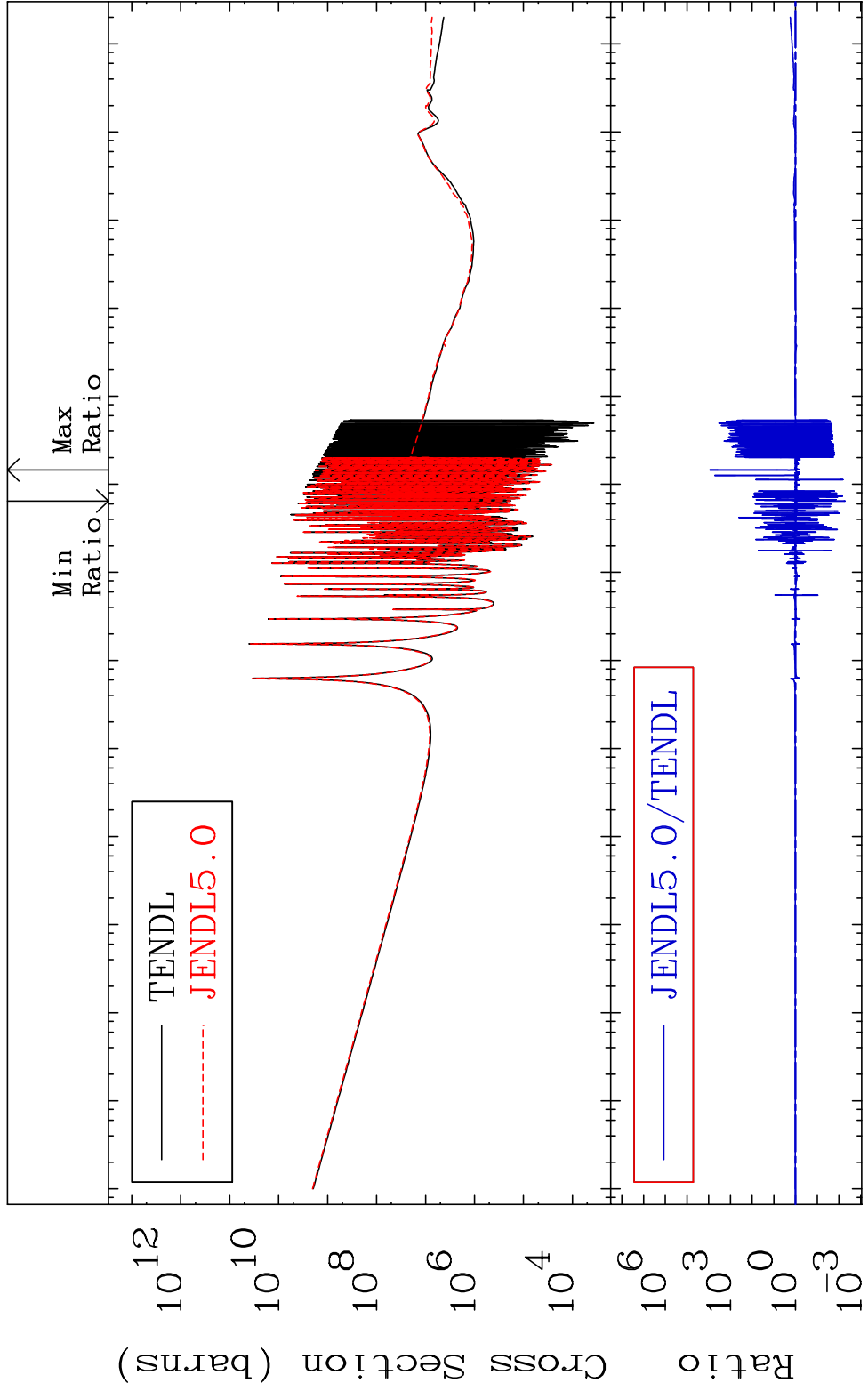
MAT 5125 Kerma fission (mt18 or mt19-20-21-38) 51-Sb-121
 Cross Section -100.0 To 9999. %



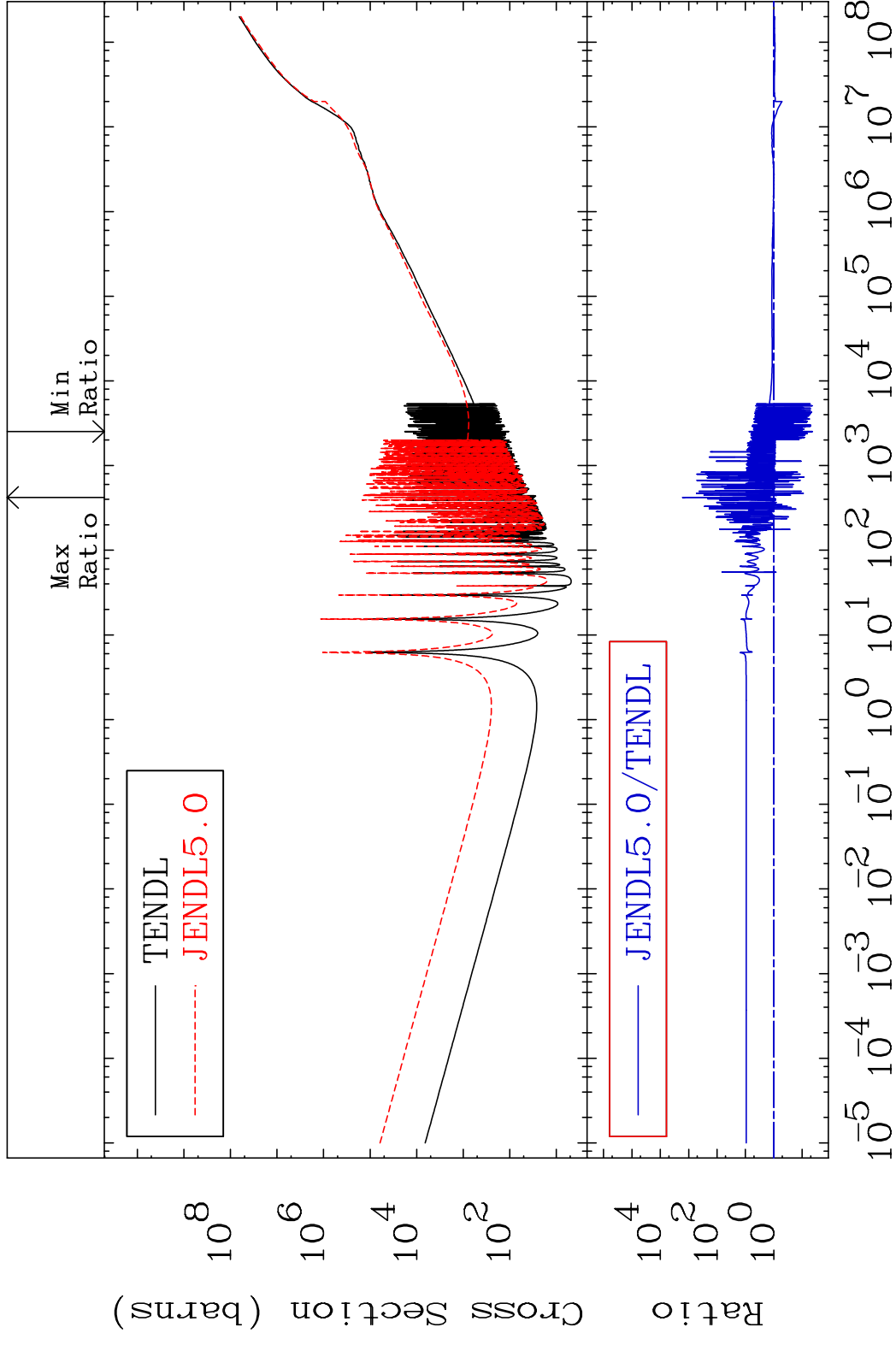
MAT 5125 Kerma capture (mt102) 51-Sb-121
 Cross Section -100.0 To 9999. %



MAT 5125 Total photon (eV-barns) 51-Sb-121
 Cross Section -99.49 To 9999. %



MAT 5125 Total kinematic kerma (high limit) 51-Sb-121
 Cross Section -95.69 To 9999. %

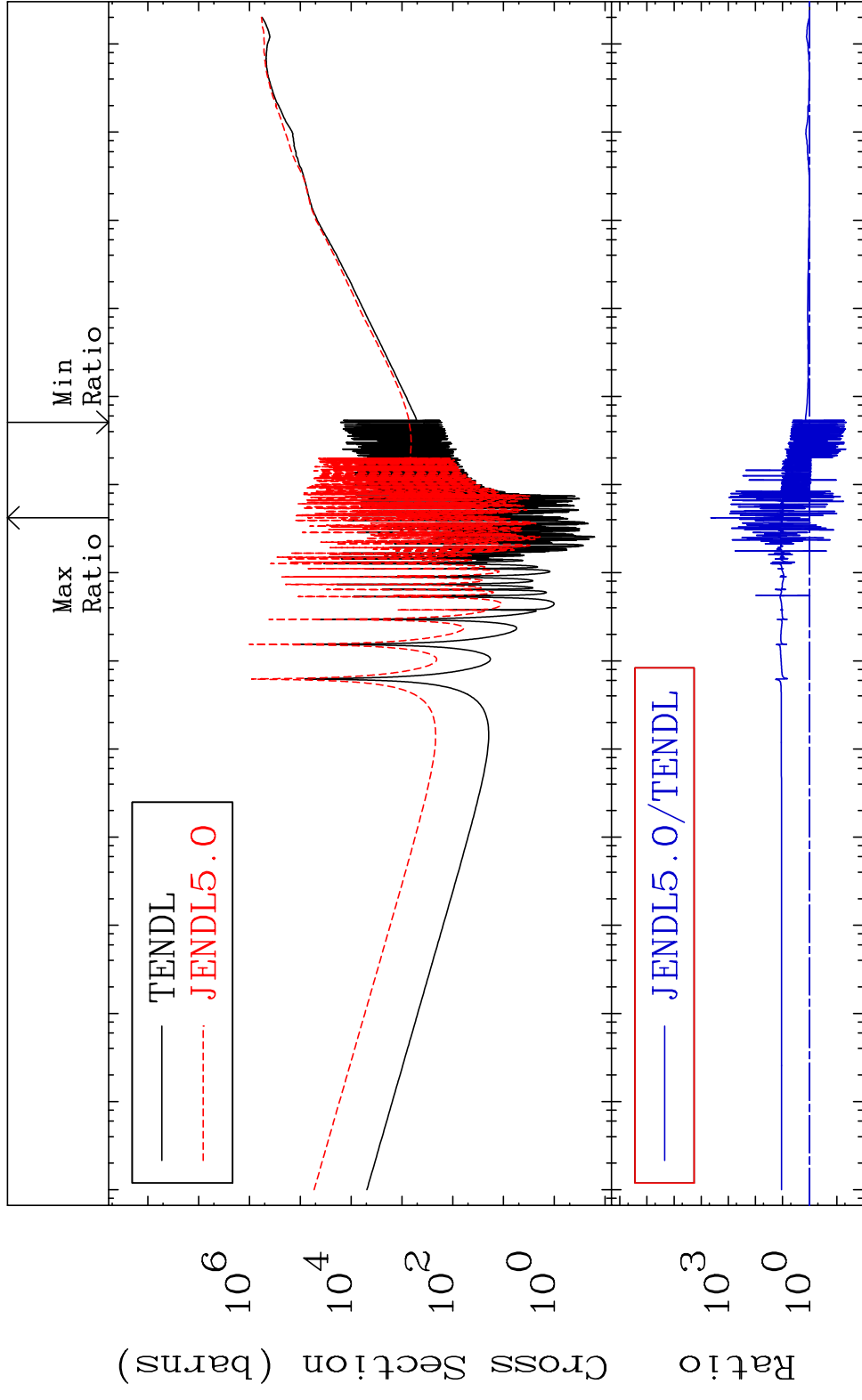


MAT 5125

Dpa total (eV-barns)

51-Sb-121

Cross Section -95.55 To 9999. %



52

Incident Energy (eV)

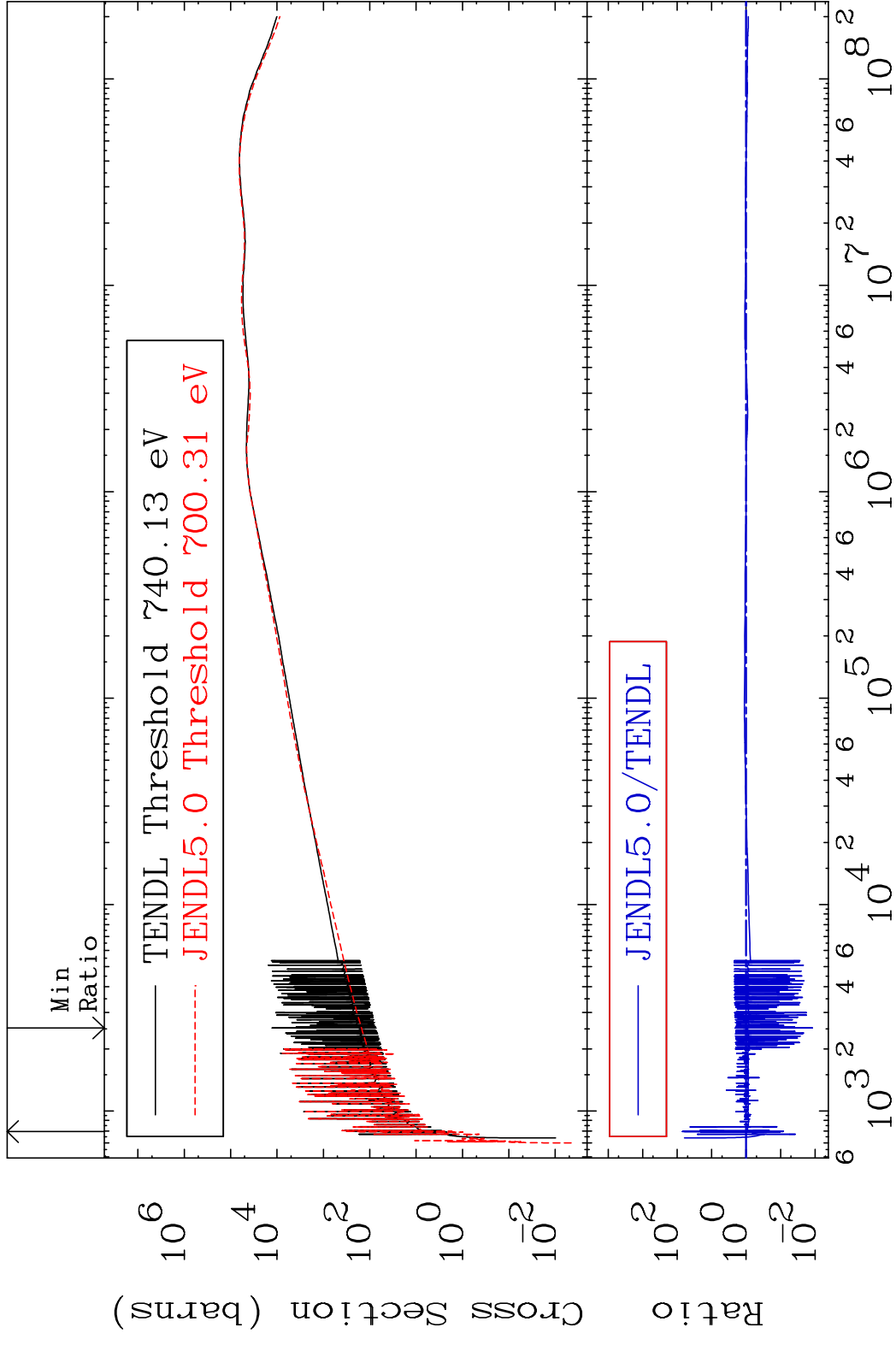
51-Sb-121

MAT 5125

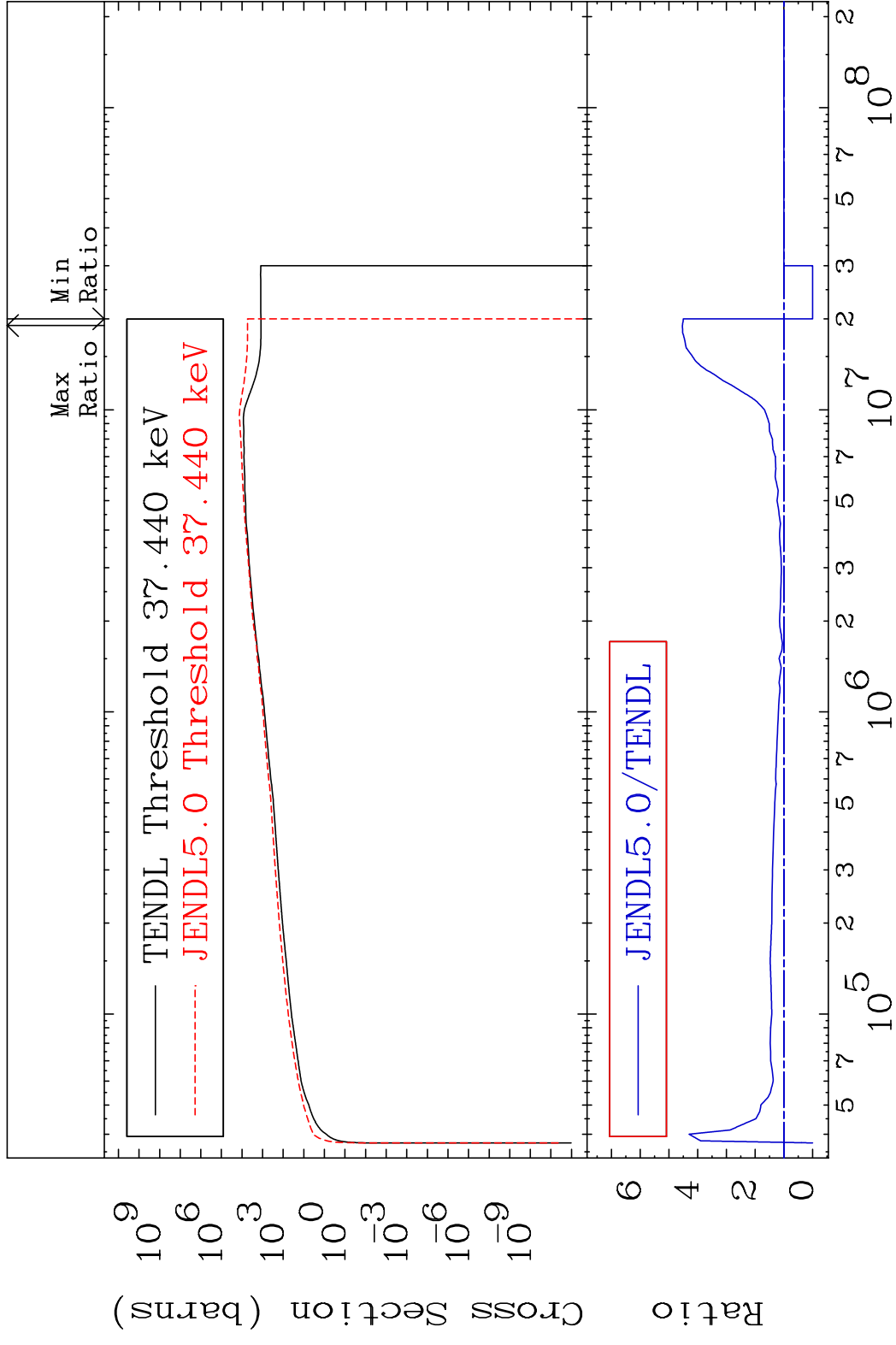
Dpa elastic (mt2)

51-Sb-121

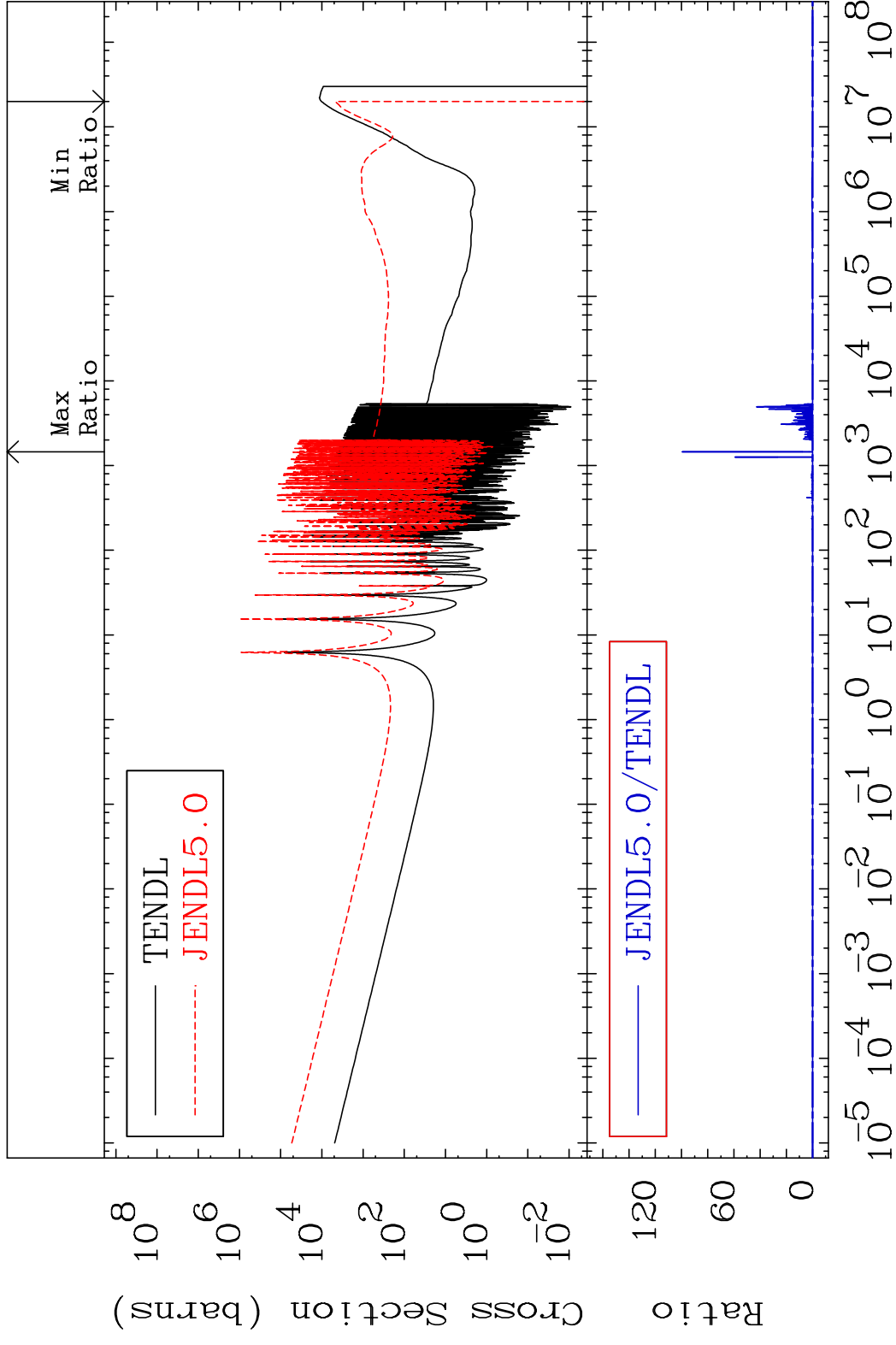
Cross Section -98.82 To 6974. %



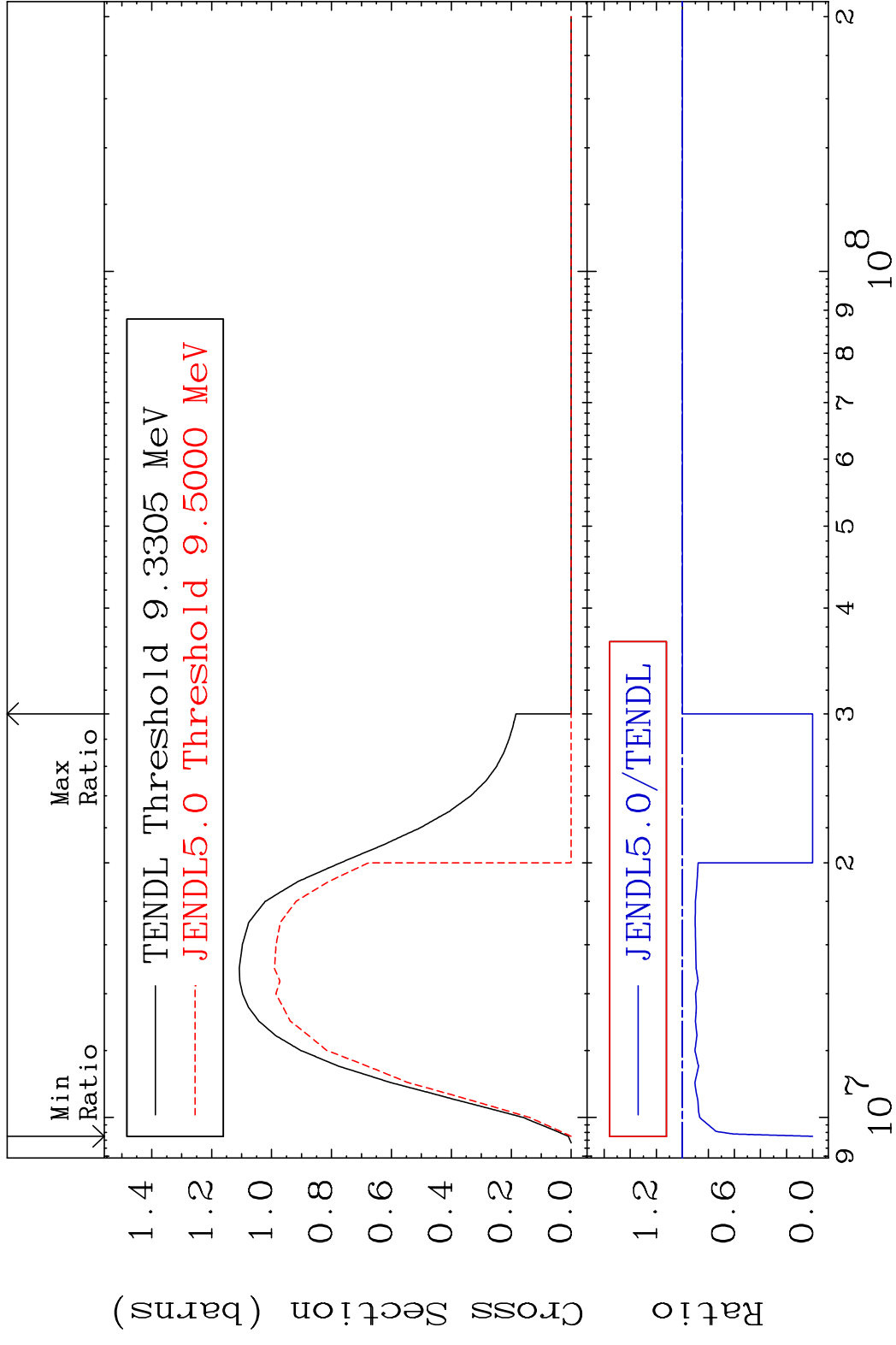
MAT 5125 Dpa inelastic (mt51-91) 51-Sb-121
 Cross Section -100.0 To 353.0 %

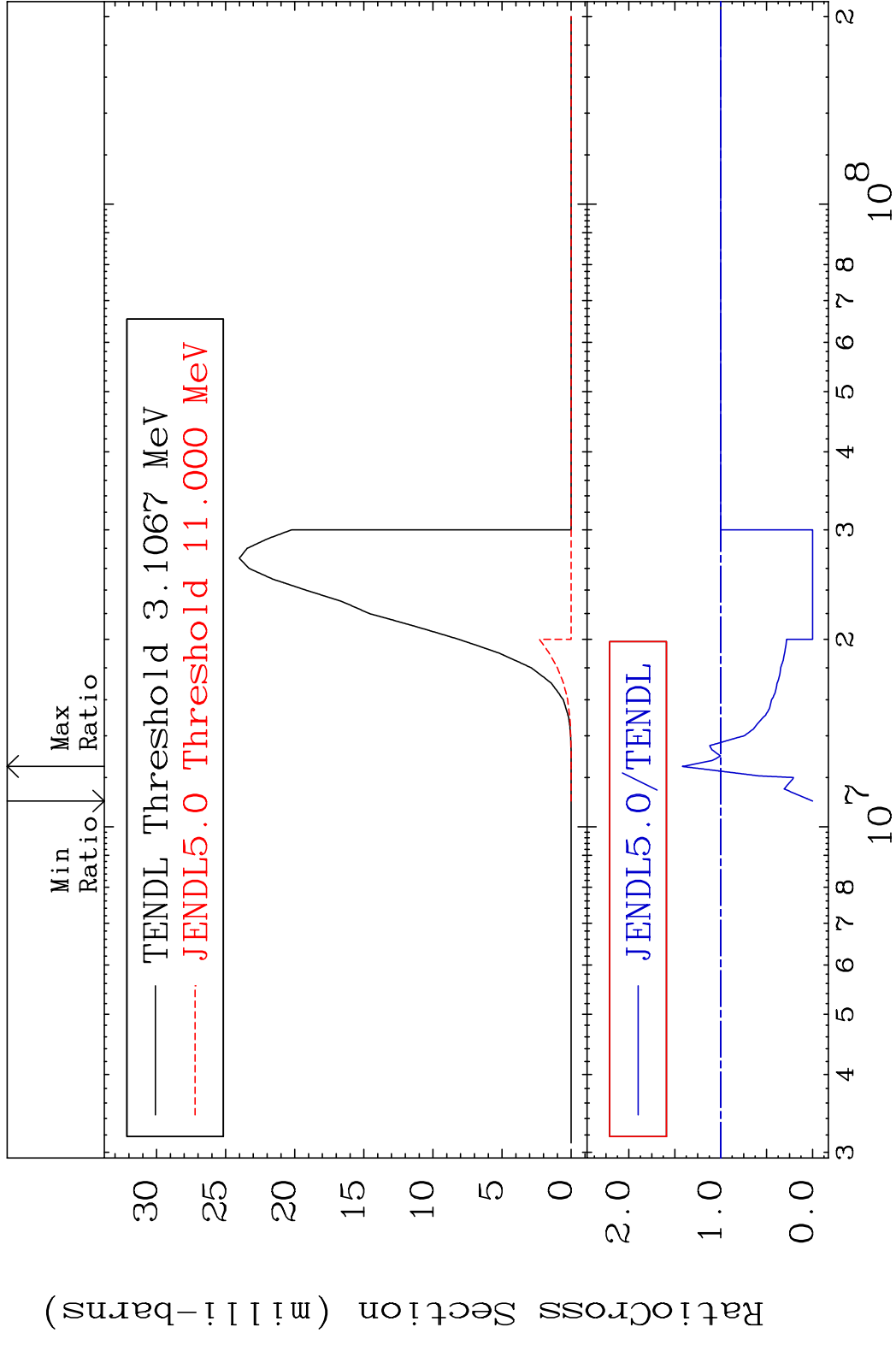


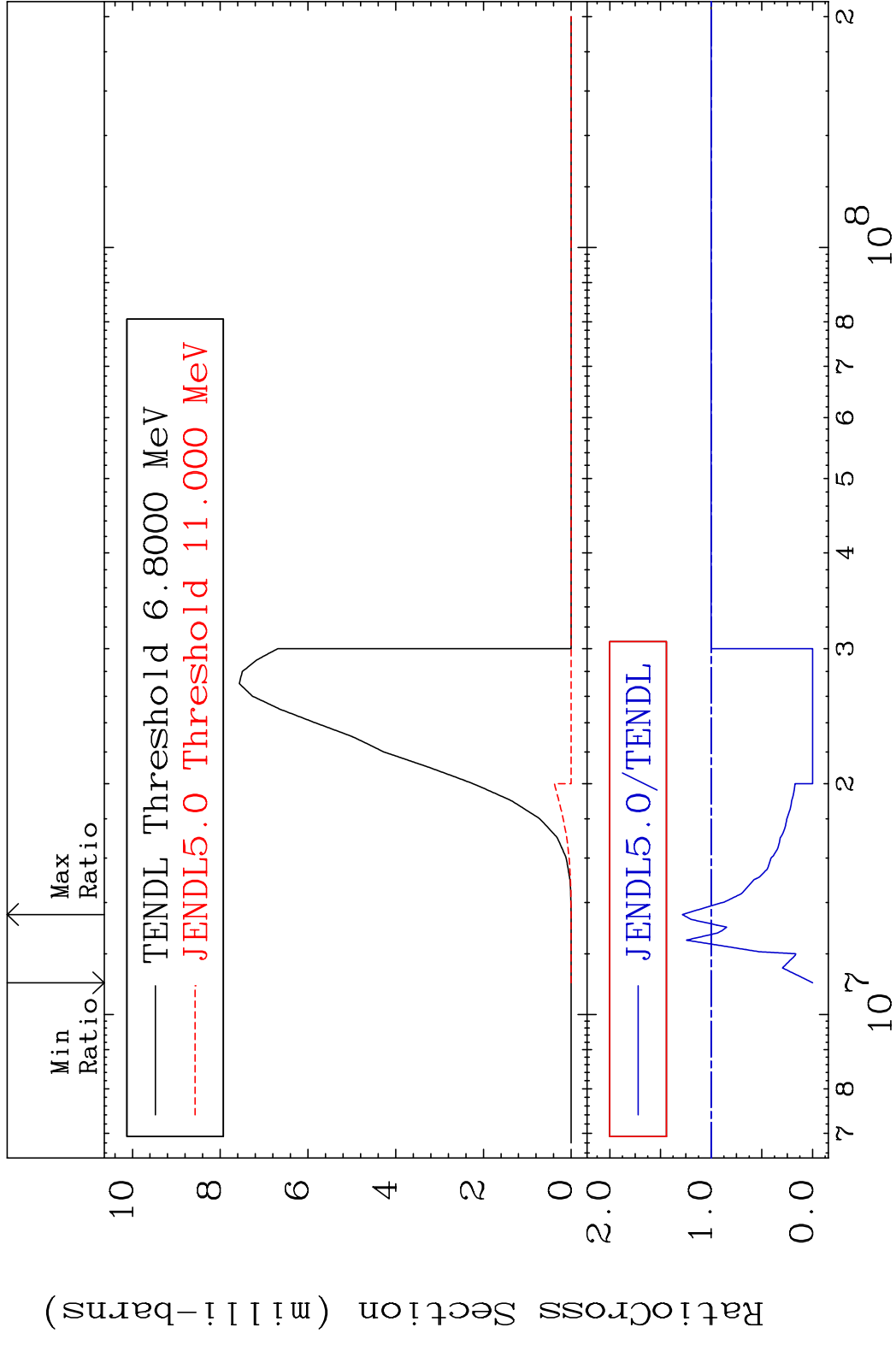
MAT 5125 Dpa disappearance (mt102 -120) 51-Sb-121
 Cross Section -100.0 To 9999. %

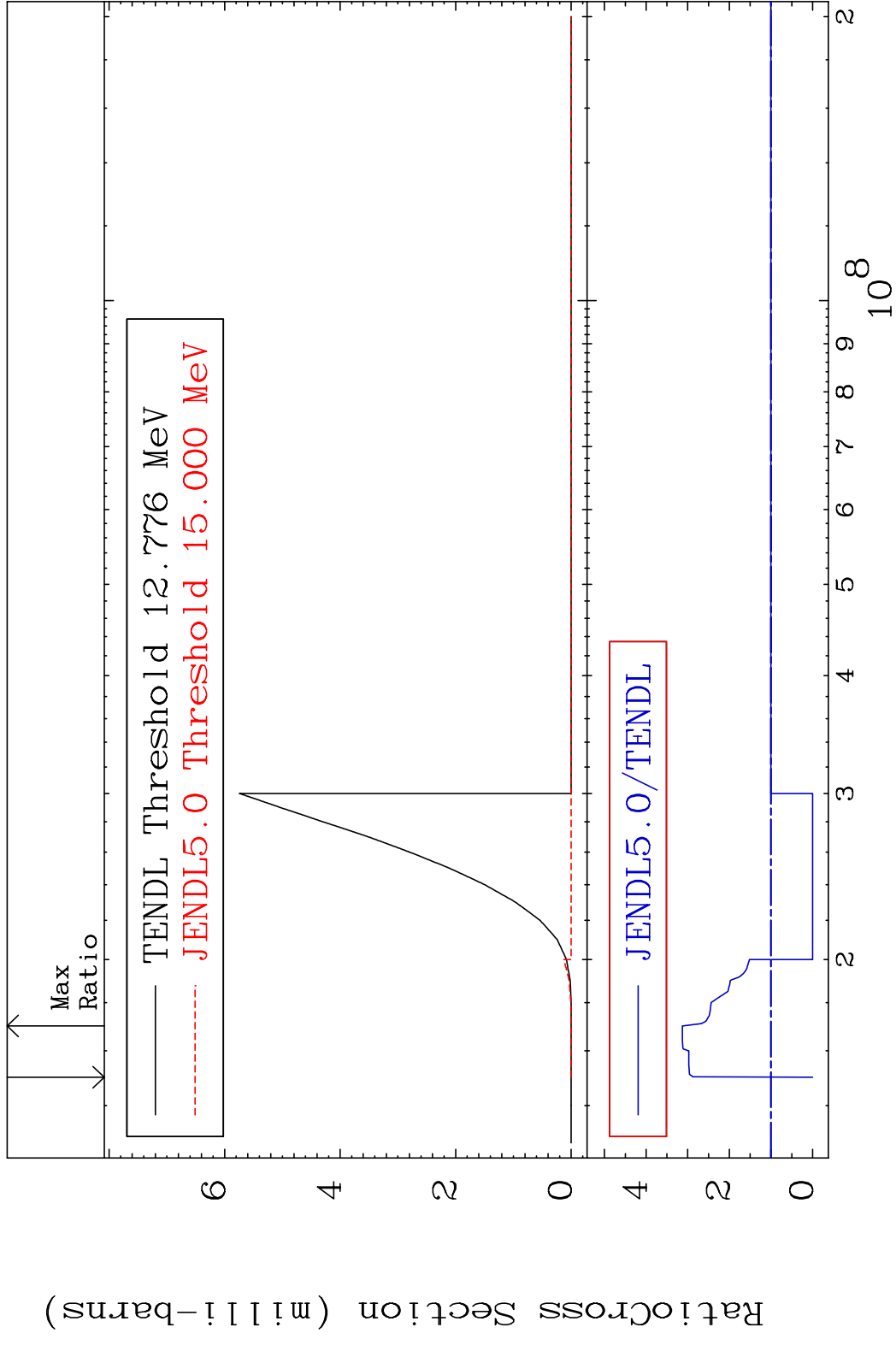


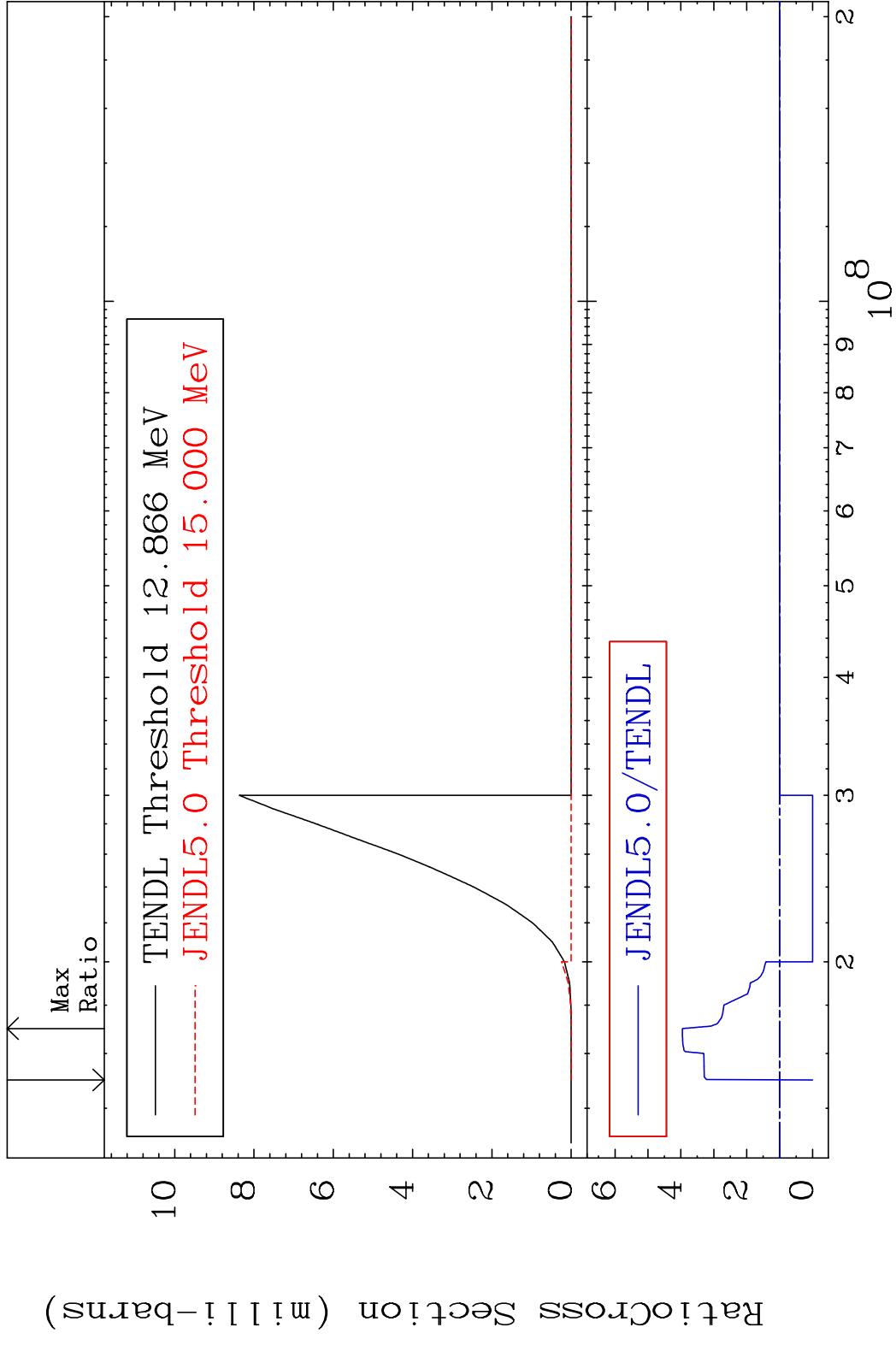
MAT 5125 (n,2n):51-Sb-120g 51-Sb-121
 Radionuclide Production Cross Section 180.01 dth 0.000 %



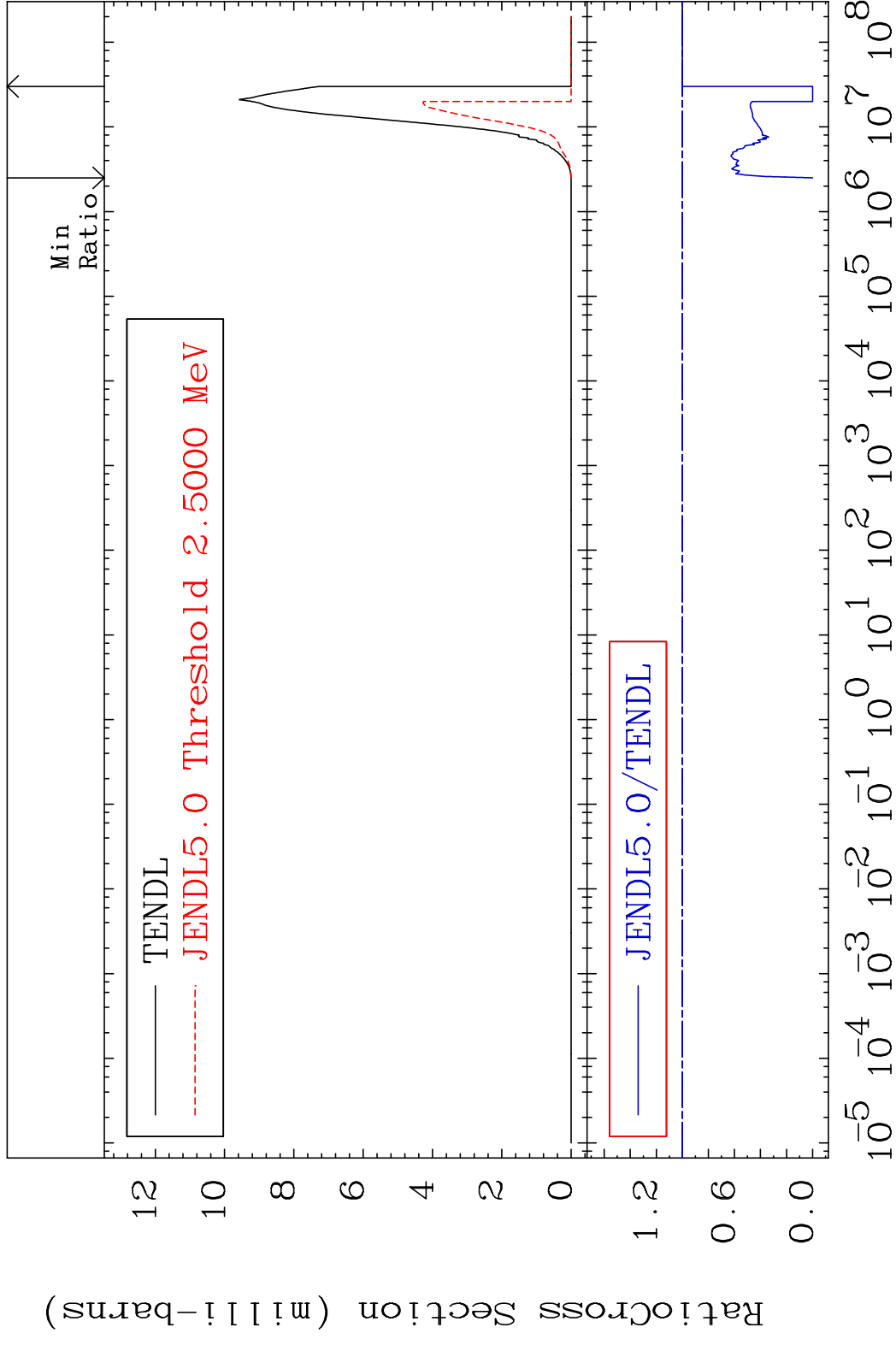




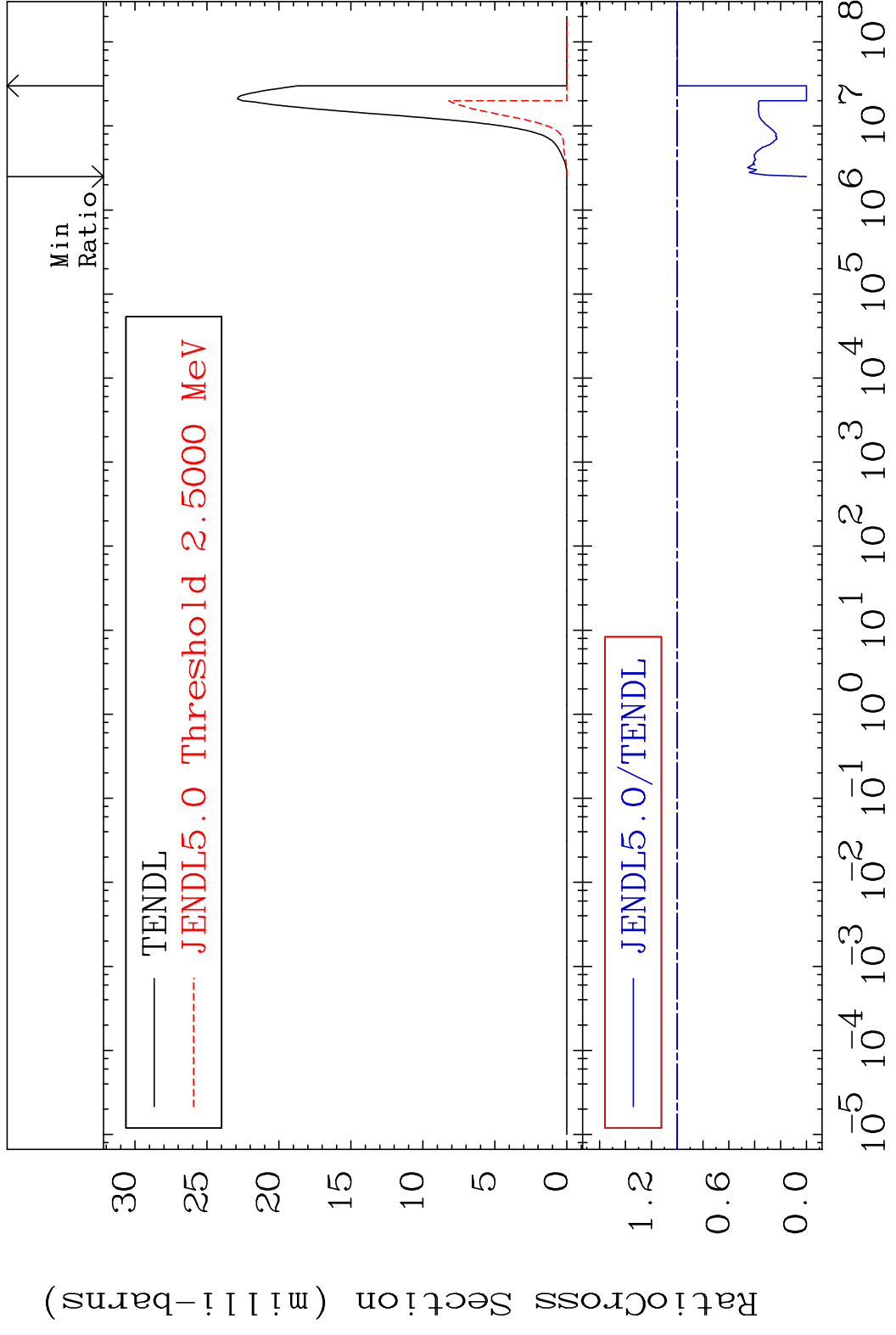




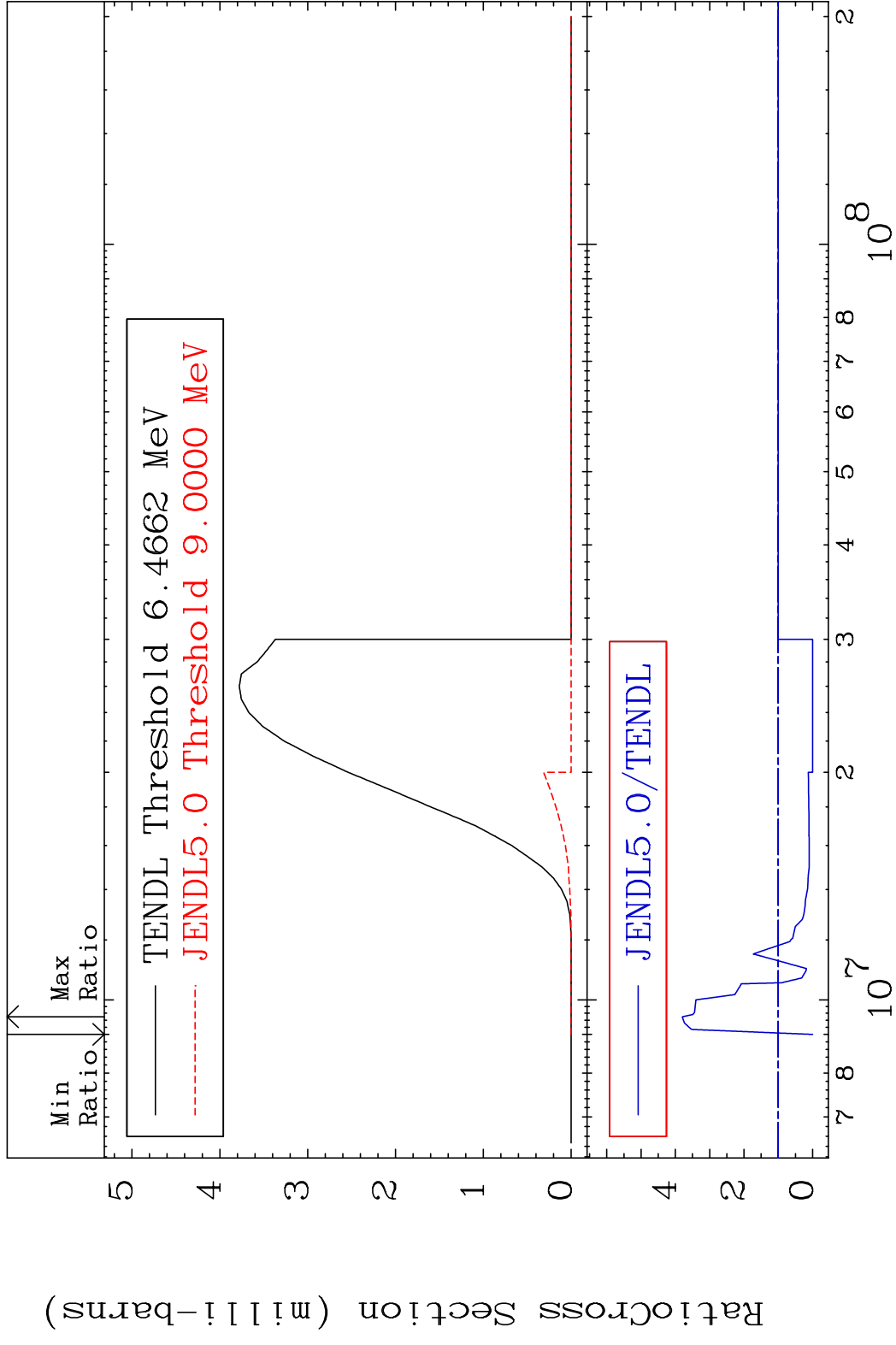
MAT 5125 (n,p):50-Sn-121g 51-Sb-121
 Radionuclide Production Cross Section 100.00 %
 Incident Energy (eV) 0.000 %

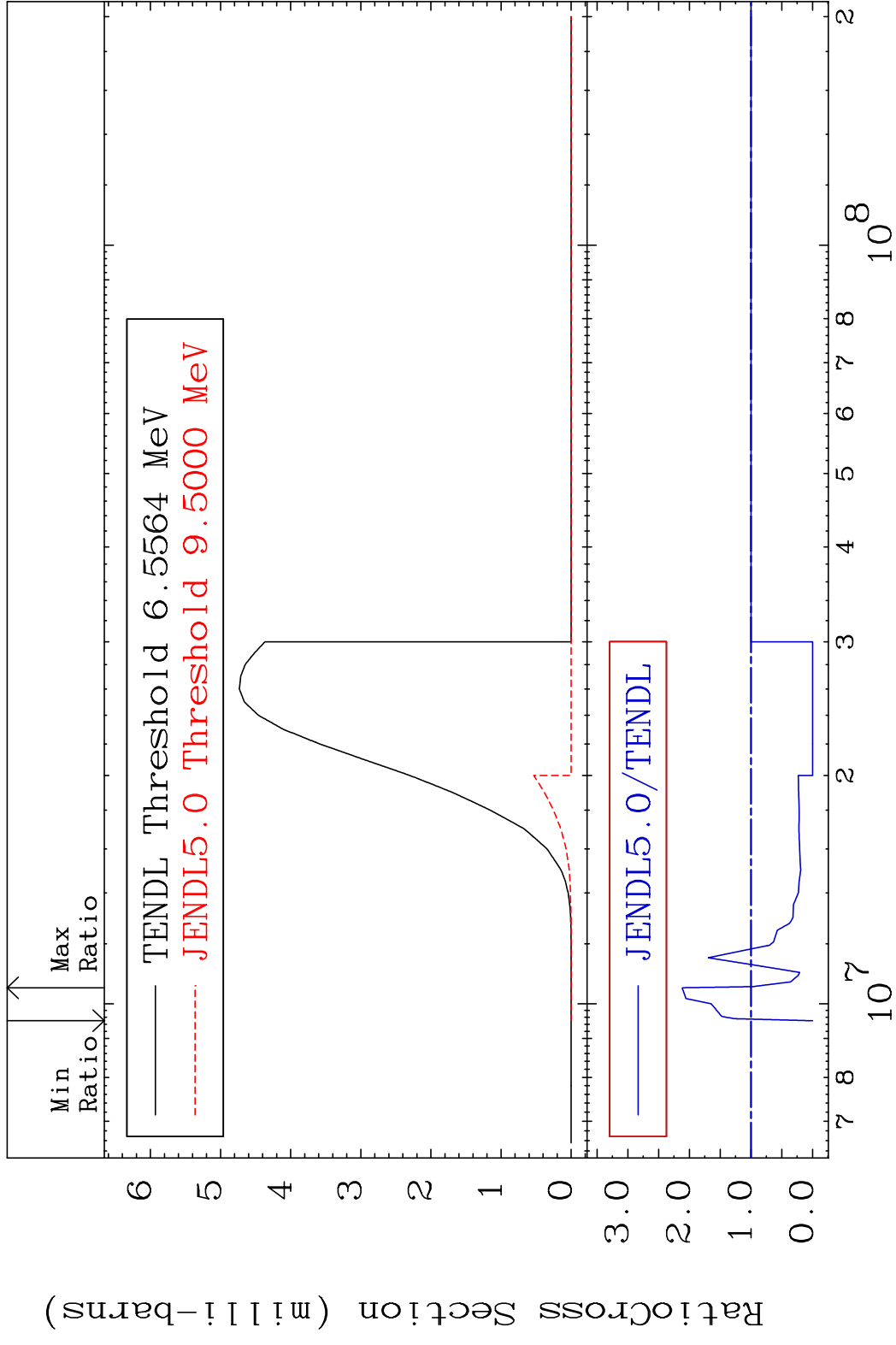


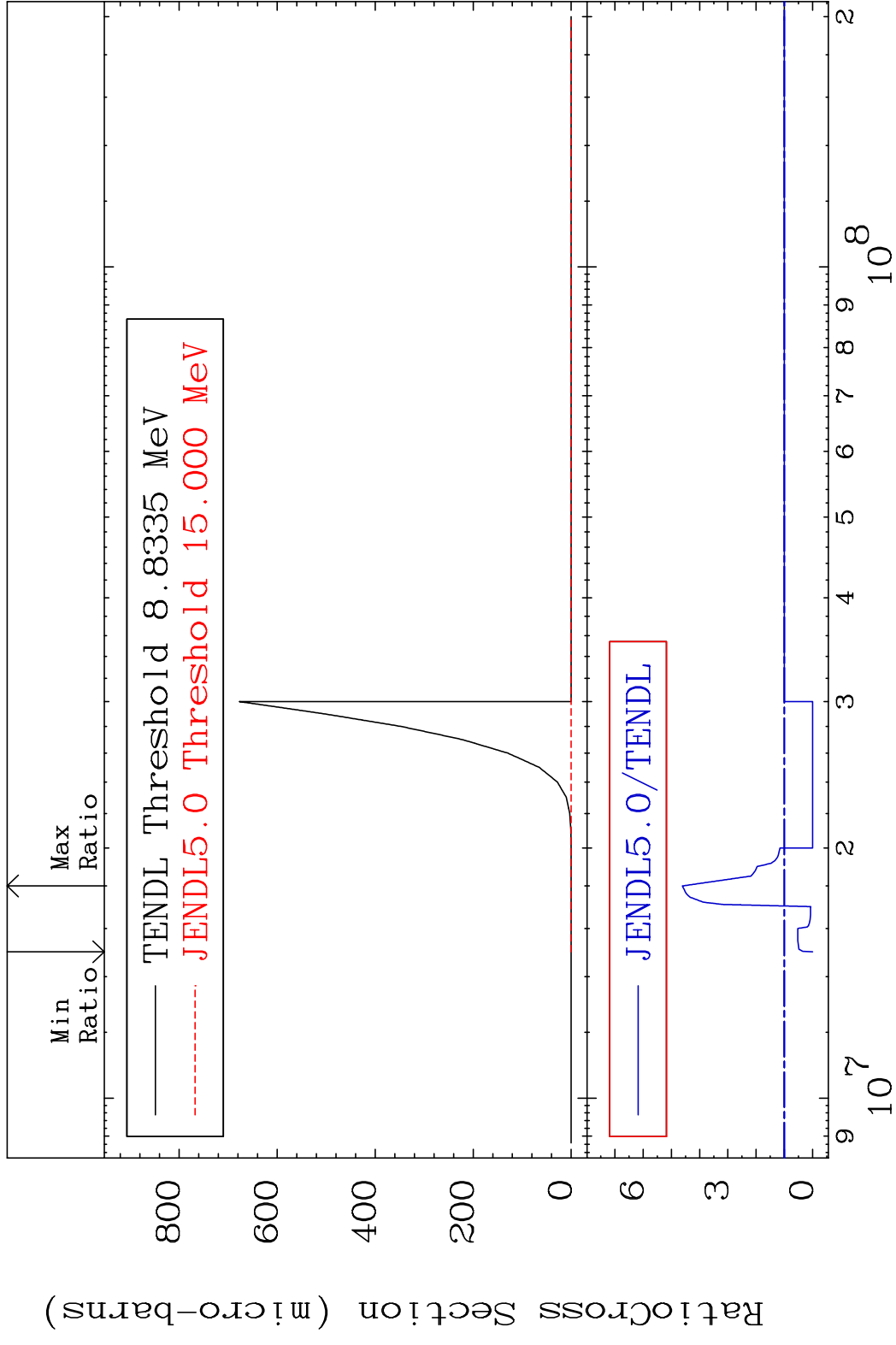
MAT 5125 (n, p):50-Sn-121m1 51-Sb-121
 Radionuclide Production Cross Section 1.0000 to 0.0000 %

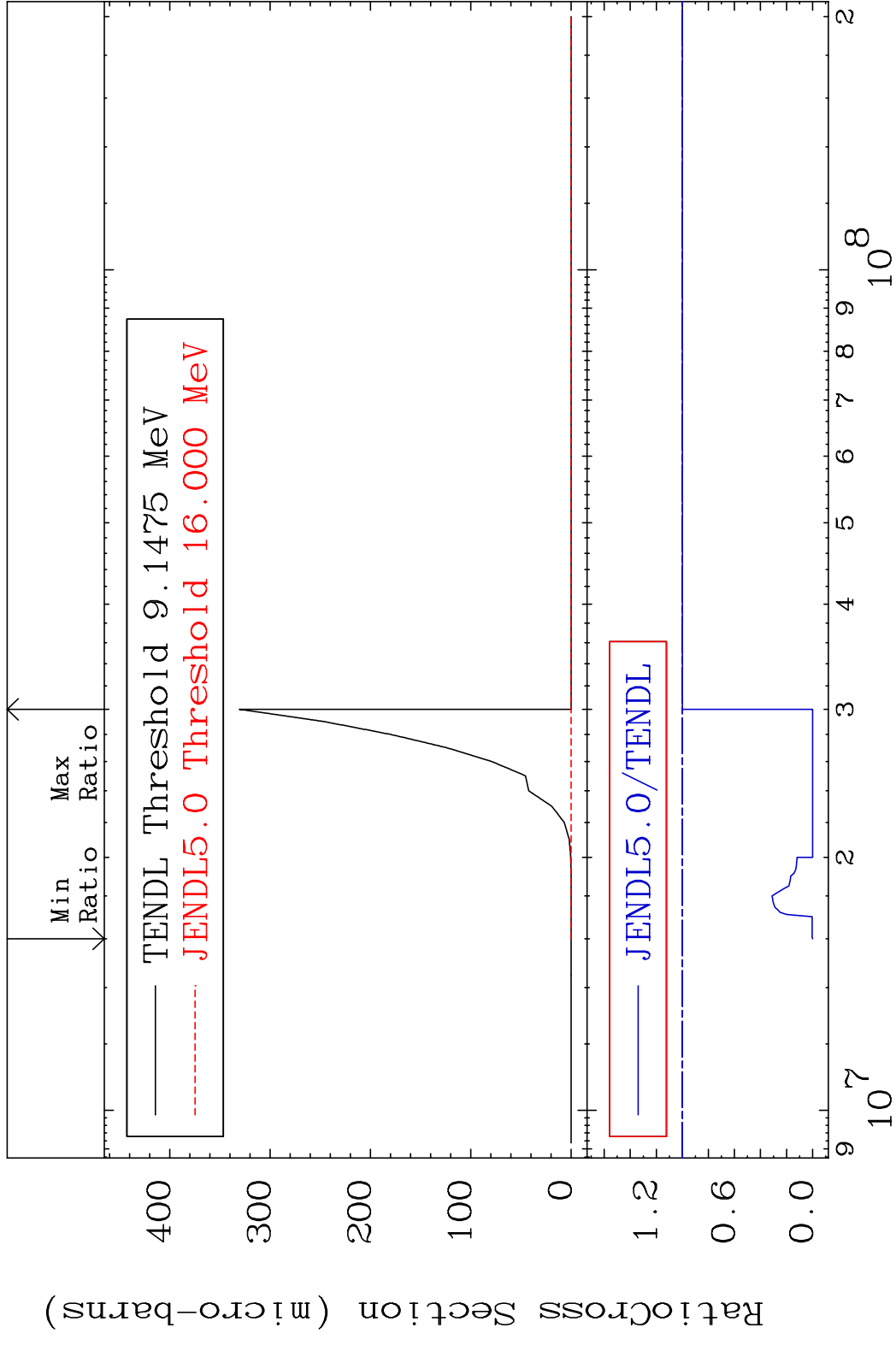


MAT 5125 (n,t):50-Sn-119g 51-Sb-121
 Radionuclide Production Cross Section 180.01 dth 279.6 %

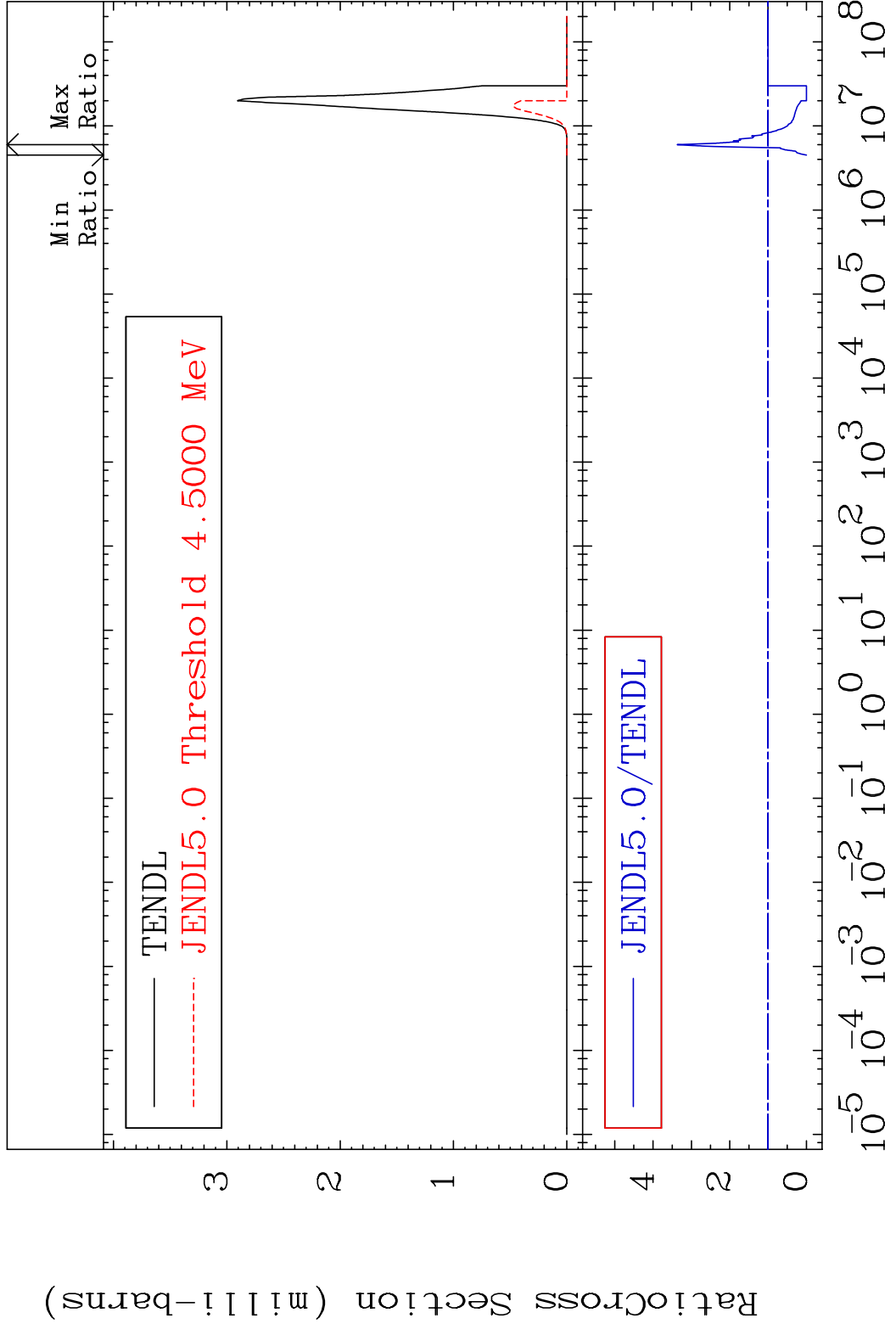








MAT 5125 (n,α):49-In-118g 51-Sb-121
 Radionuclide Production Cross Section 180.0 dth 237.0 %



MAT 5125 (n, α): 49-In-118m1 51-Sb-121
 Radionuclide Production Cross Section 180.0 mb 176.8 %

