

Program Complot  
(Version 2021-1)

by

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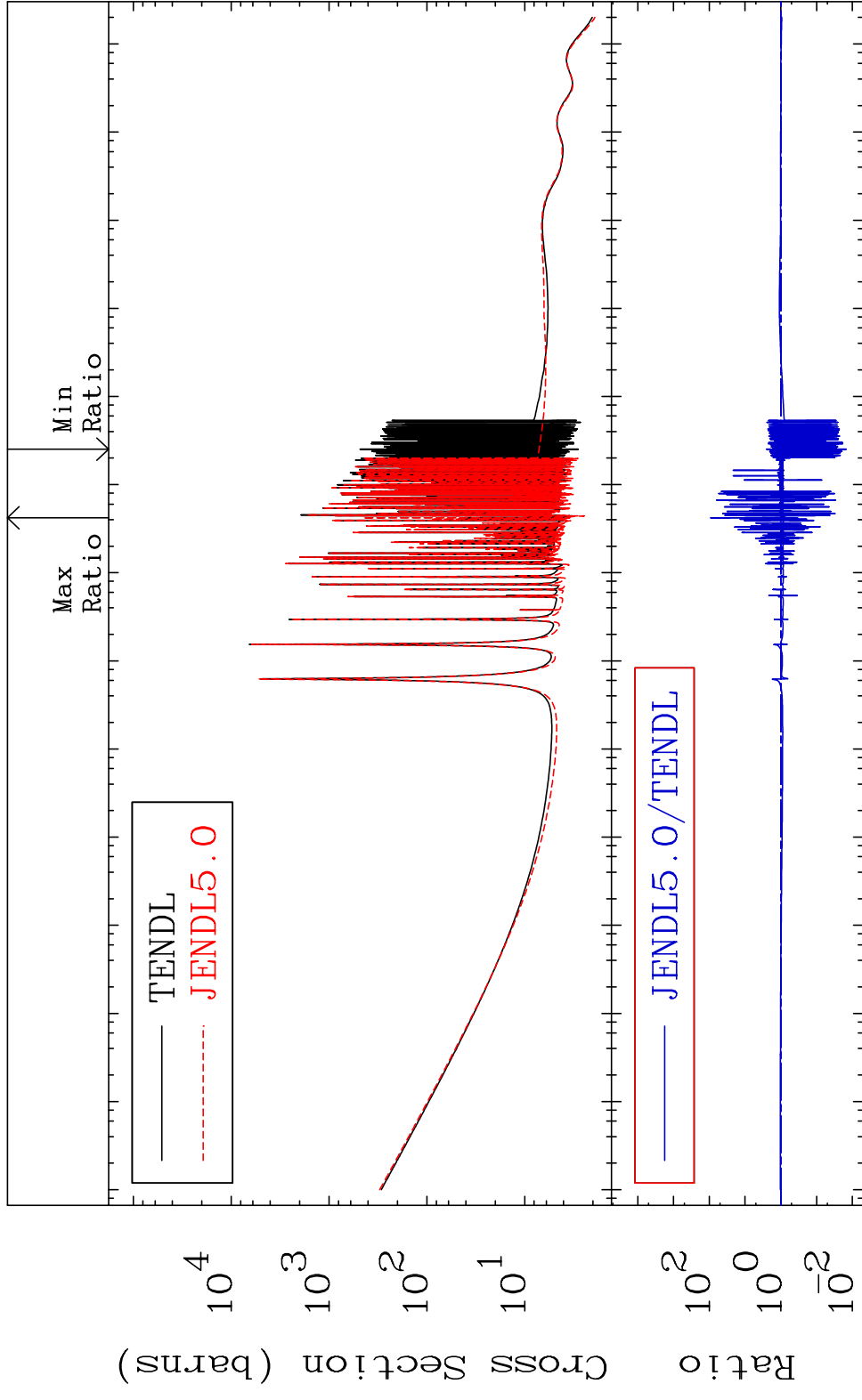
Press Mouse Button to Start

MAT 5125

51-Sb-121

Total

Cross Section -98.53 To 9035. %



1

Incident Energy (eV)

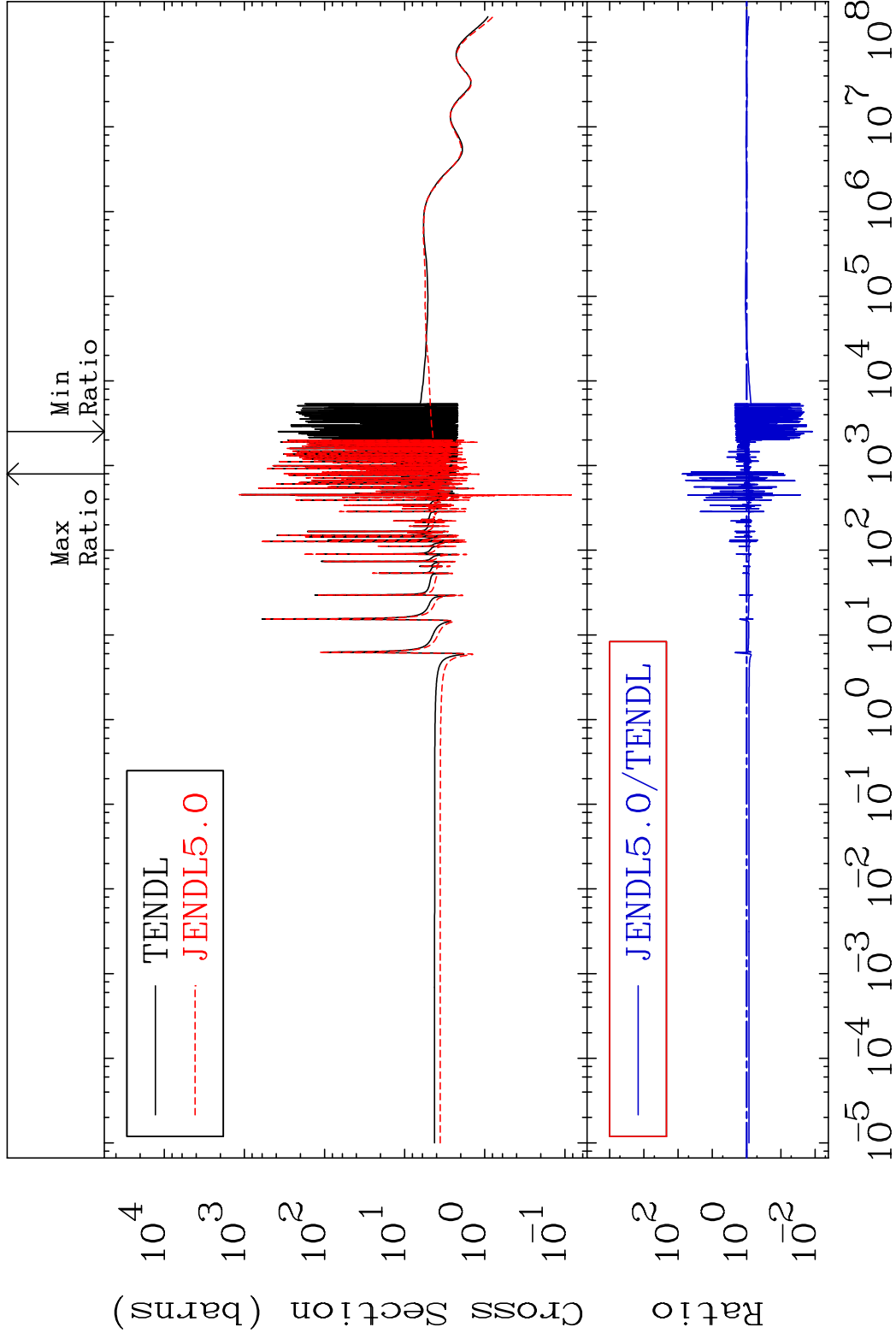
51-Sb-121

MAT 5125

Elastic

51-Sb-121

Cross Section -98.82 To 7437. %

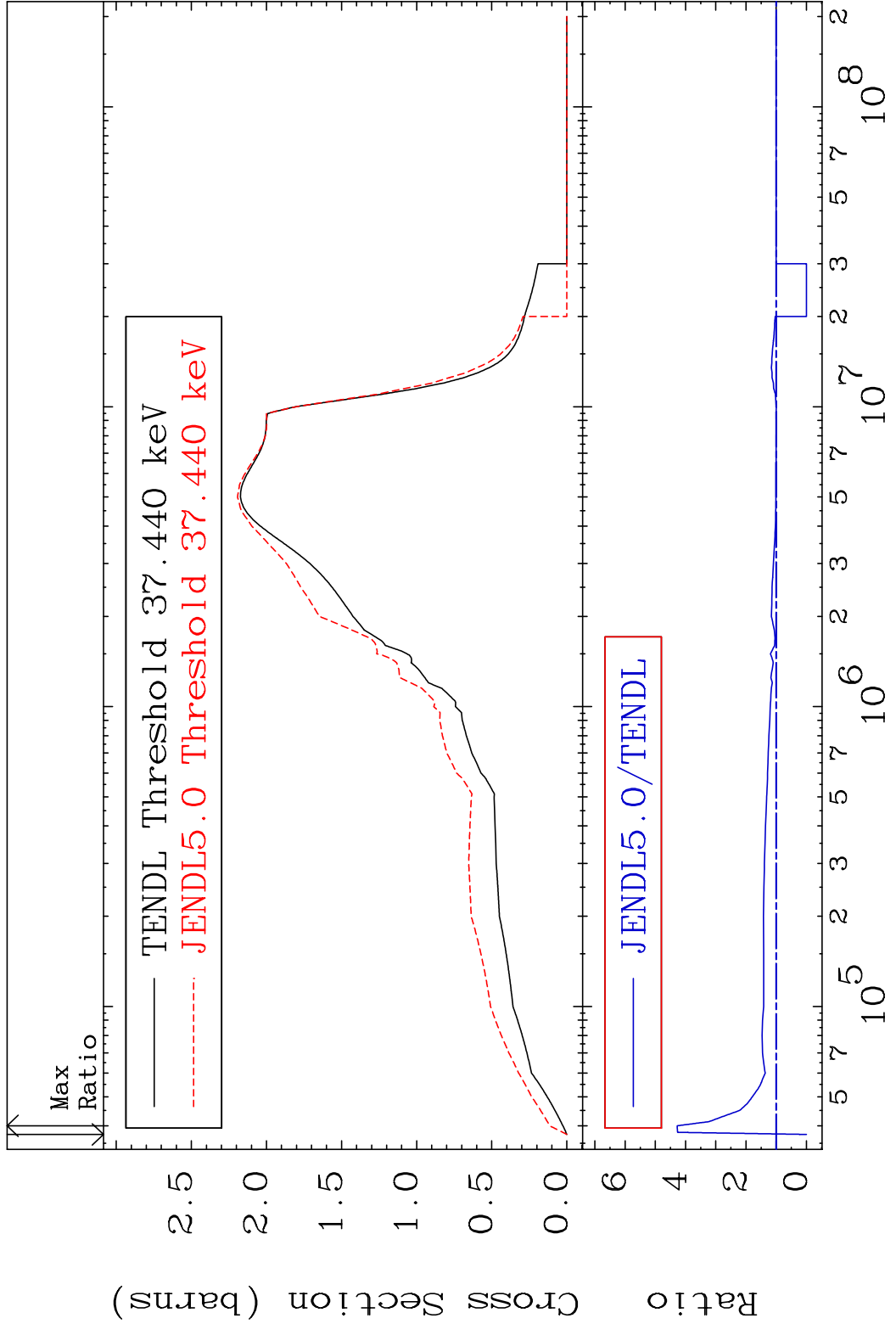


2

Incident Energy (eV)

51-Sb-121

MAT 5125 Inelastic 51-Sb-121  
 Cross Section -100.0 To 327.7 %

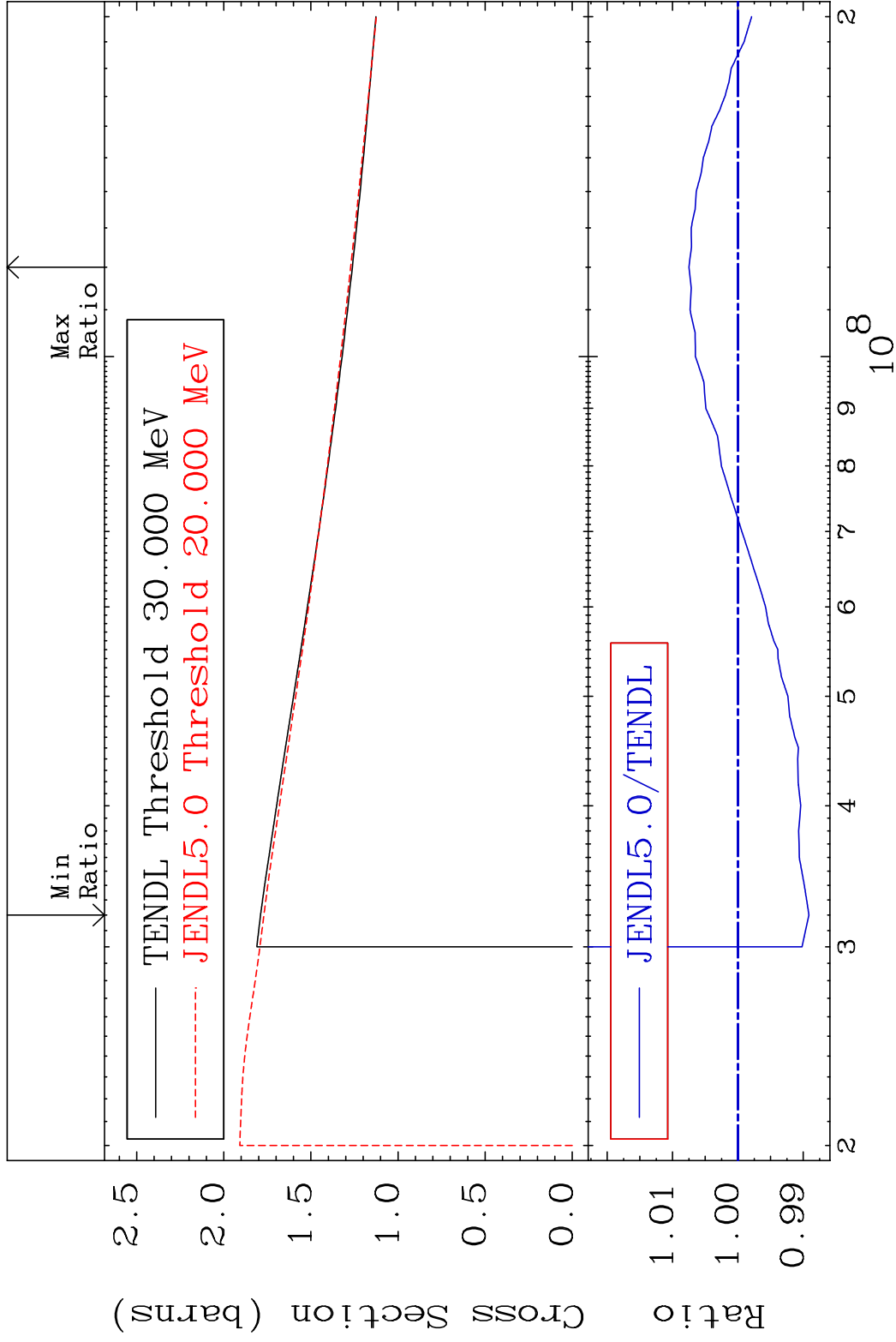


MAT 5125

(n, remainder)

51-Sb-121

Cross Section -1.087 To 0.751 %



4

Incident Energy (eV)

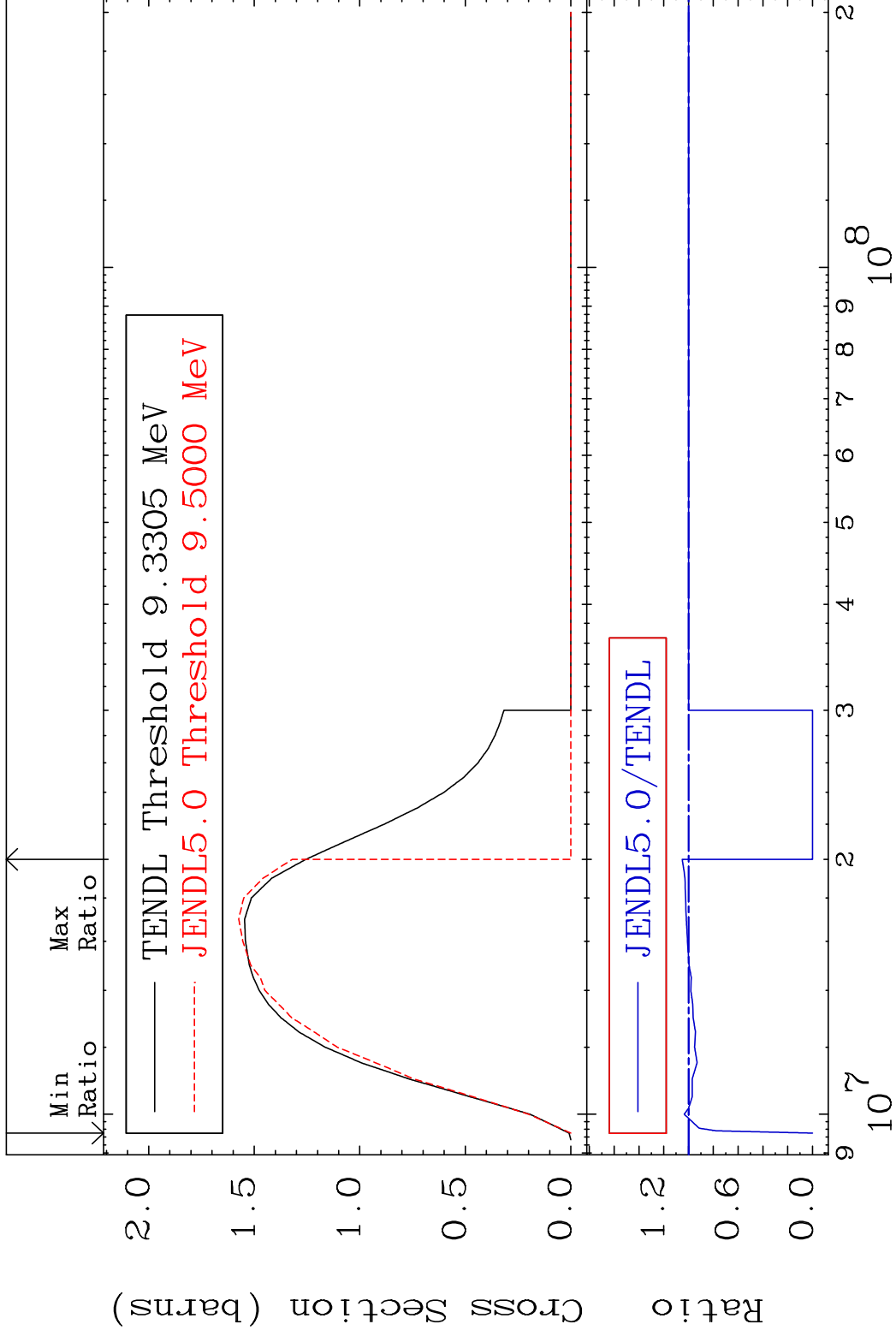
51-Sb-121

MAT 5125

(n,2n)

51-Sb-121

Cross Section -100.0 To 5.142 %



5

Incident Energy (eV)

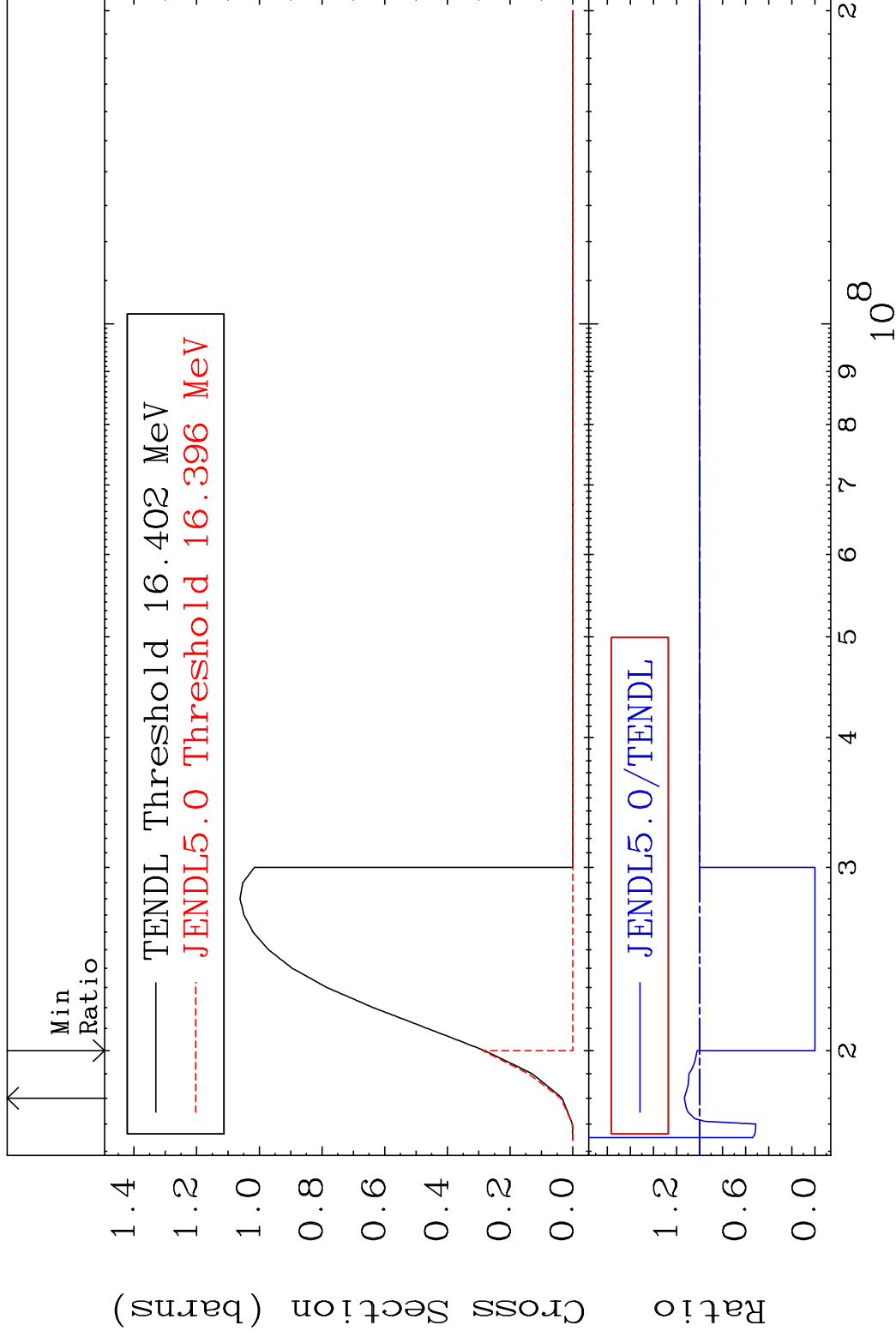
51-Sb-121

MAT 5125

(n,3n)

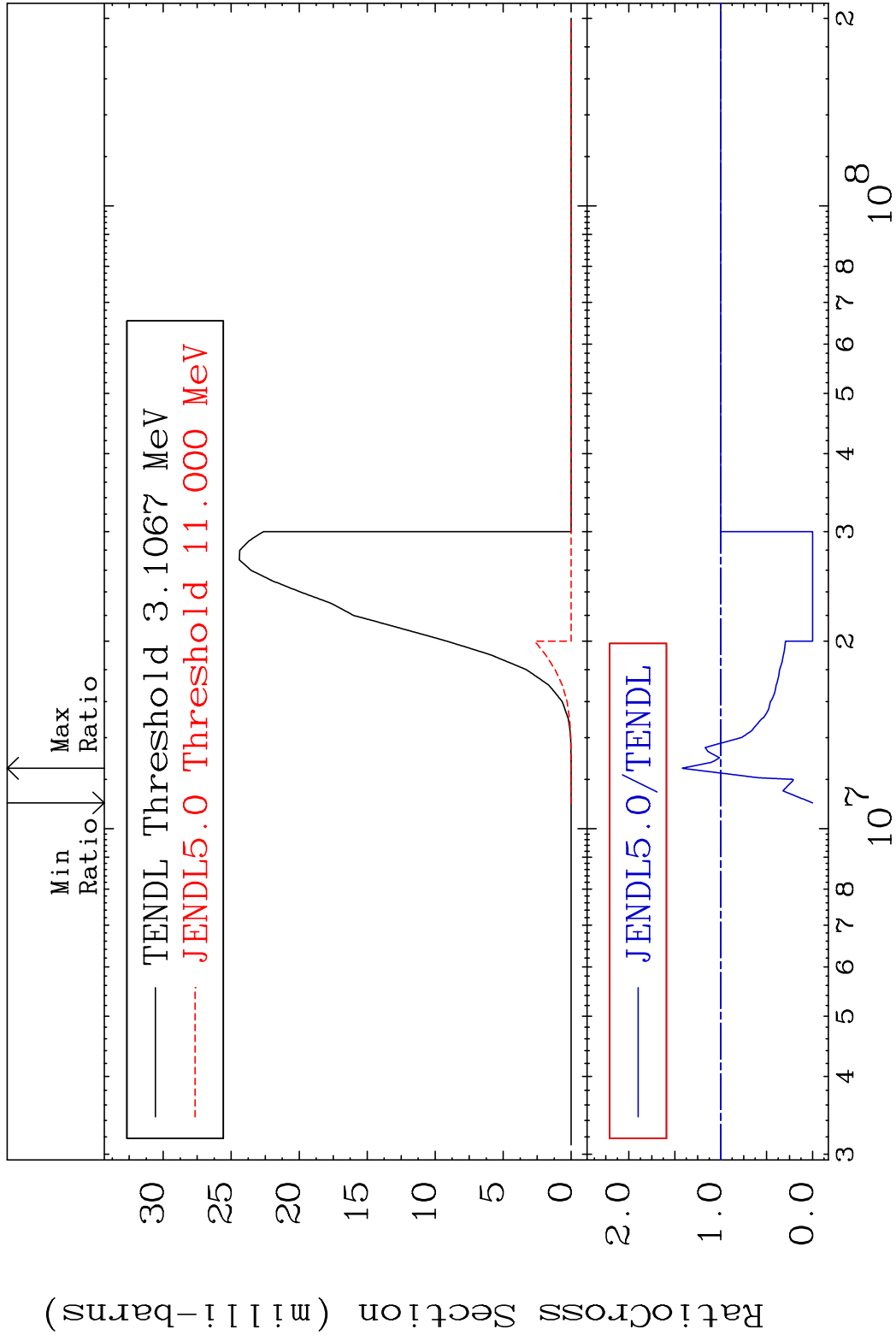
51-Sb-121

Cross Section -100.0 To 13.19 %



MAT 5125

(n, n')  $\alpha$  51-Sb-121  
Cross Section -100.0 To 41.74 %



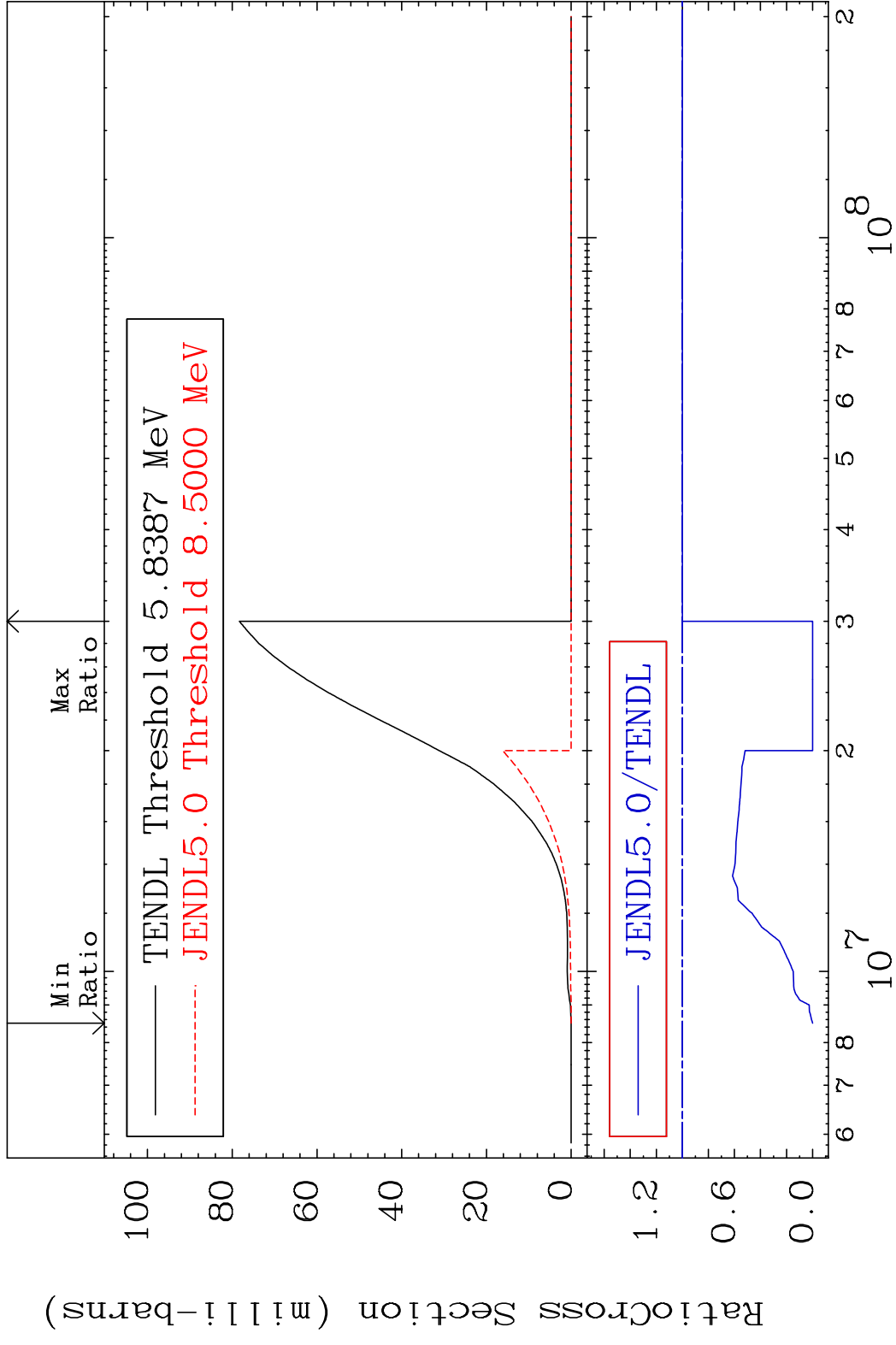
7

Incident Energy (eV)

51-Sb-121



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

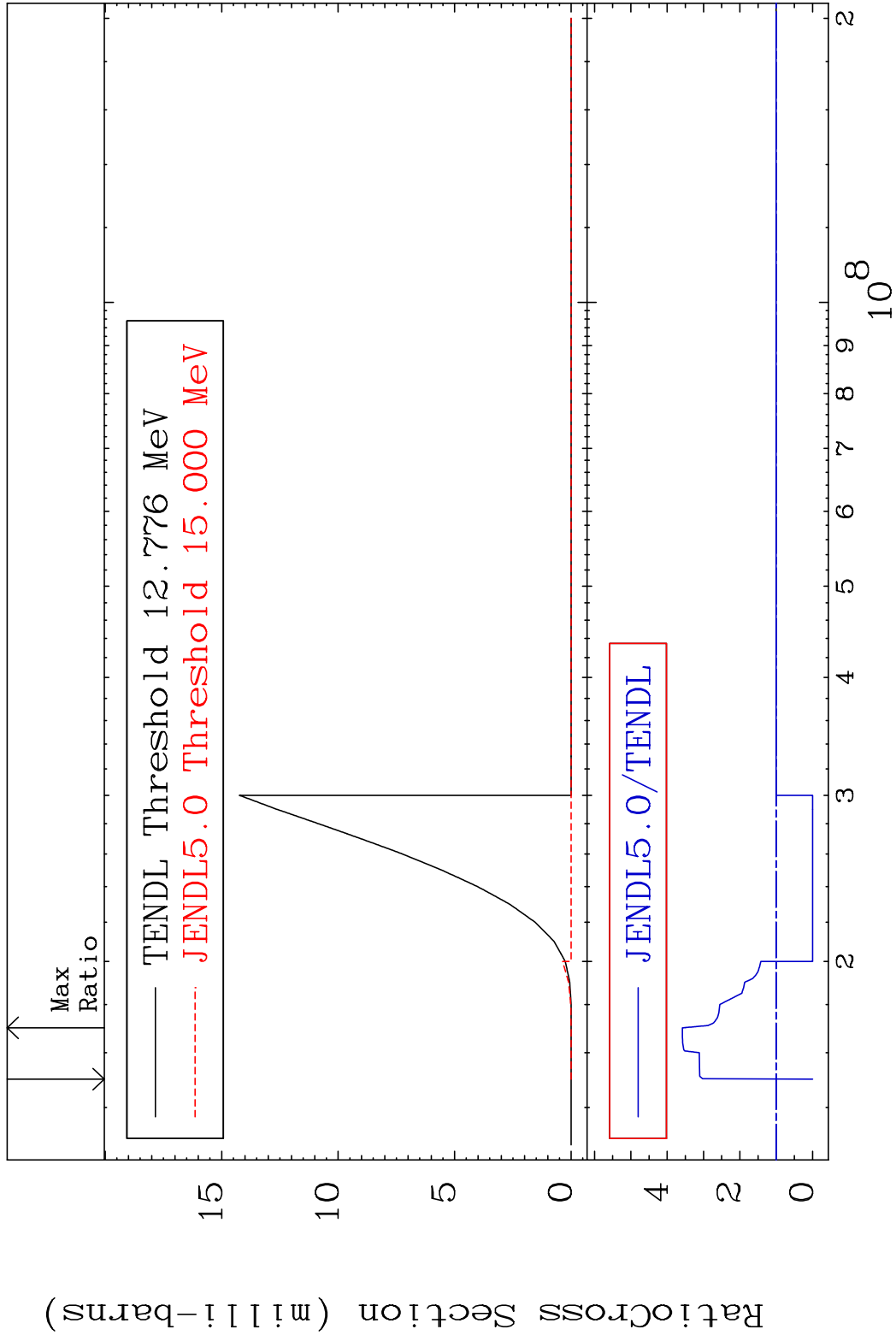


MAT 5125

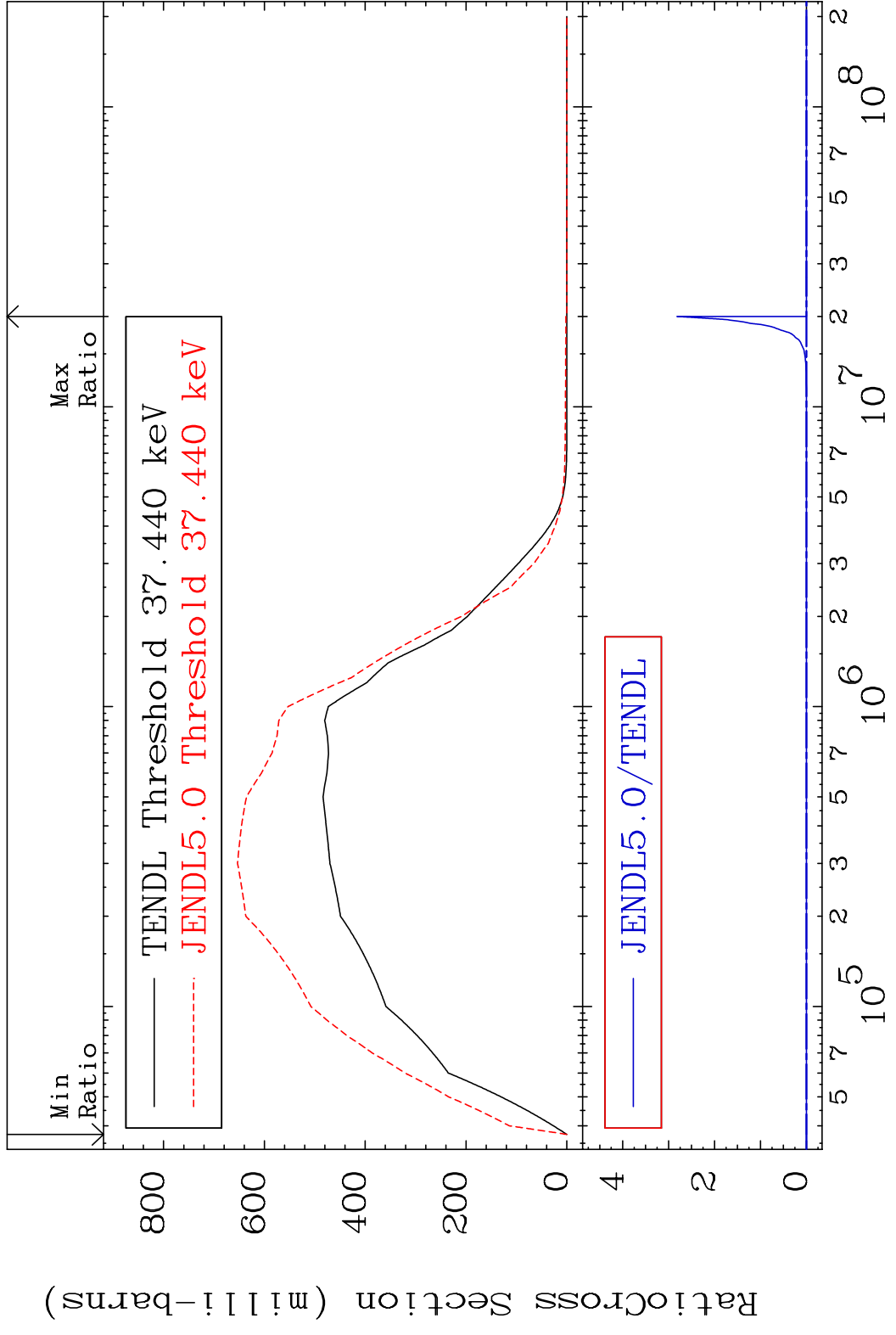
(n, n') d

51-Sb-121

Cross Section -100.0 To 258.3 %

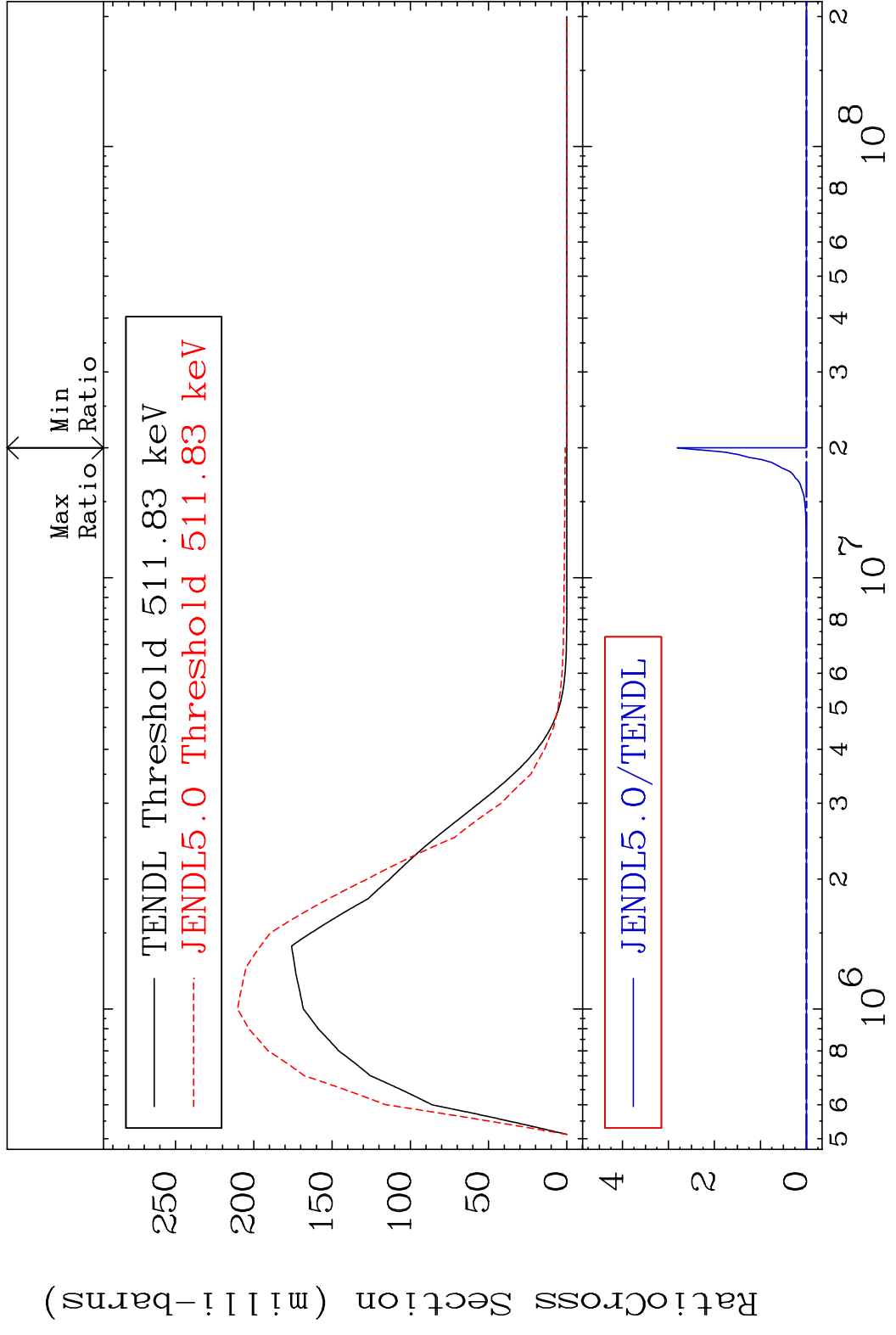


MAT 5125 MT= 51 (n, n') Level 51-Sb-121  
 Cross Section -100.0 To 9999. %

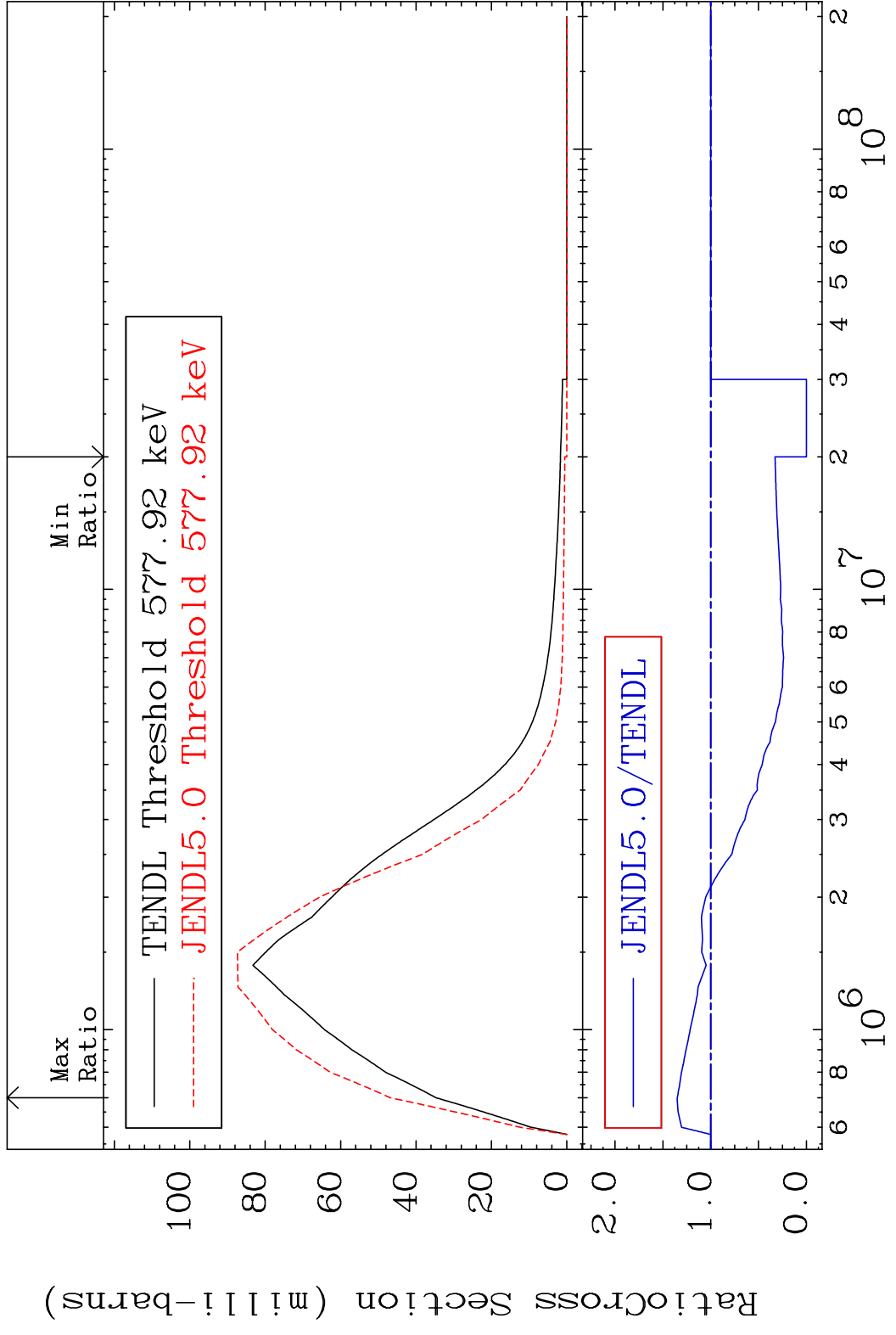


10 Incident Energy (eV) 51-Sb-121

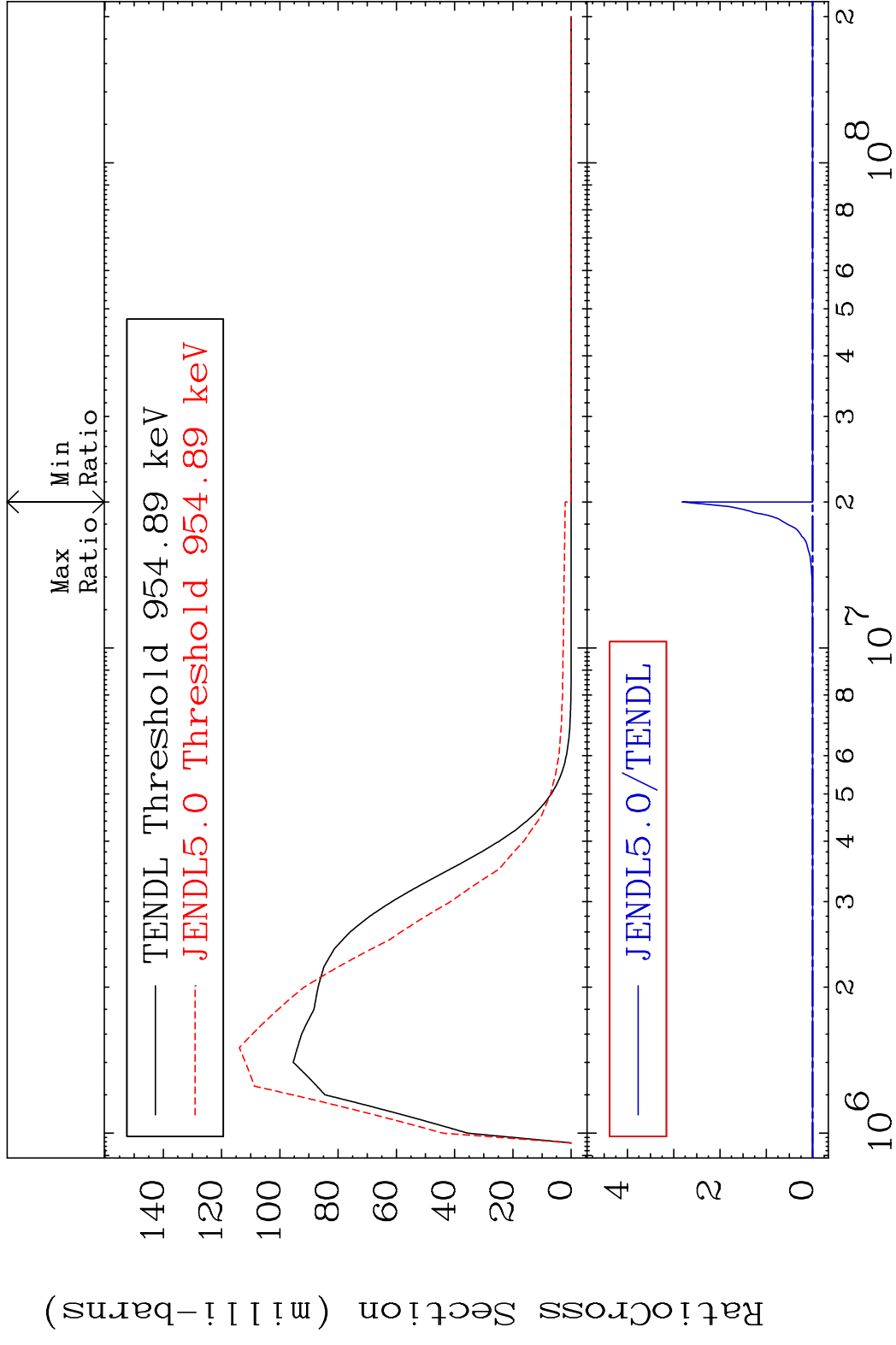
MAT 5125 MT= 52 (n, n') Level 51-Sb-121  
 Cross Section -100.0 To 9999. %



MAT 5125 MT= 53 (n, n') Level 51-Sb-121  
 Cross Section -100.0 To 35.04 %

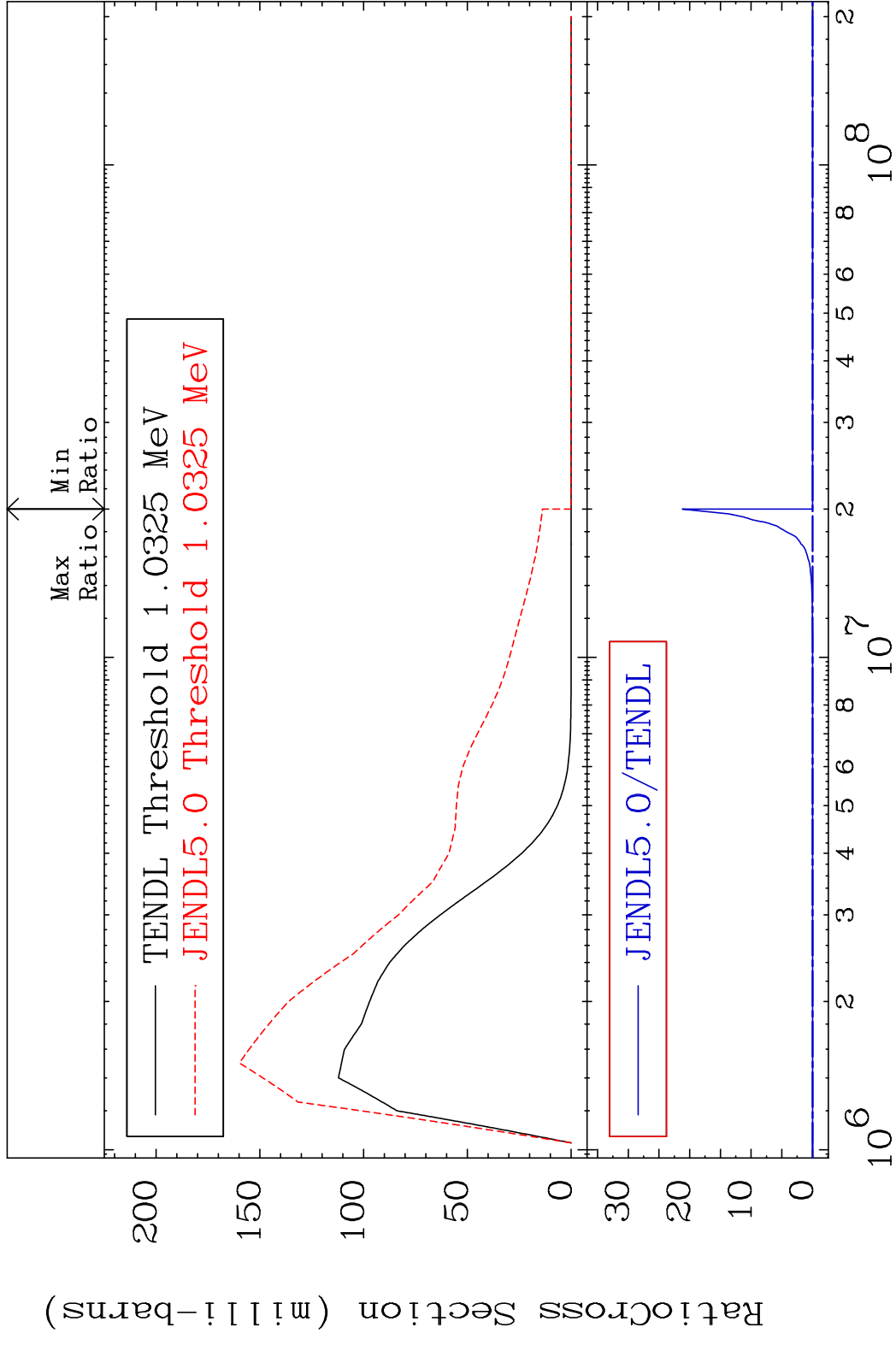


MAT 5125 MT= 54 (n, n') Level 51-Sb-121  
 Cross Section -100.0 To 9999. %



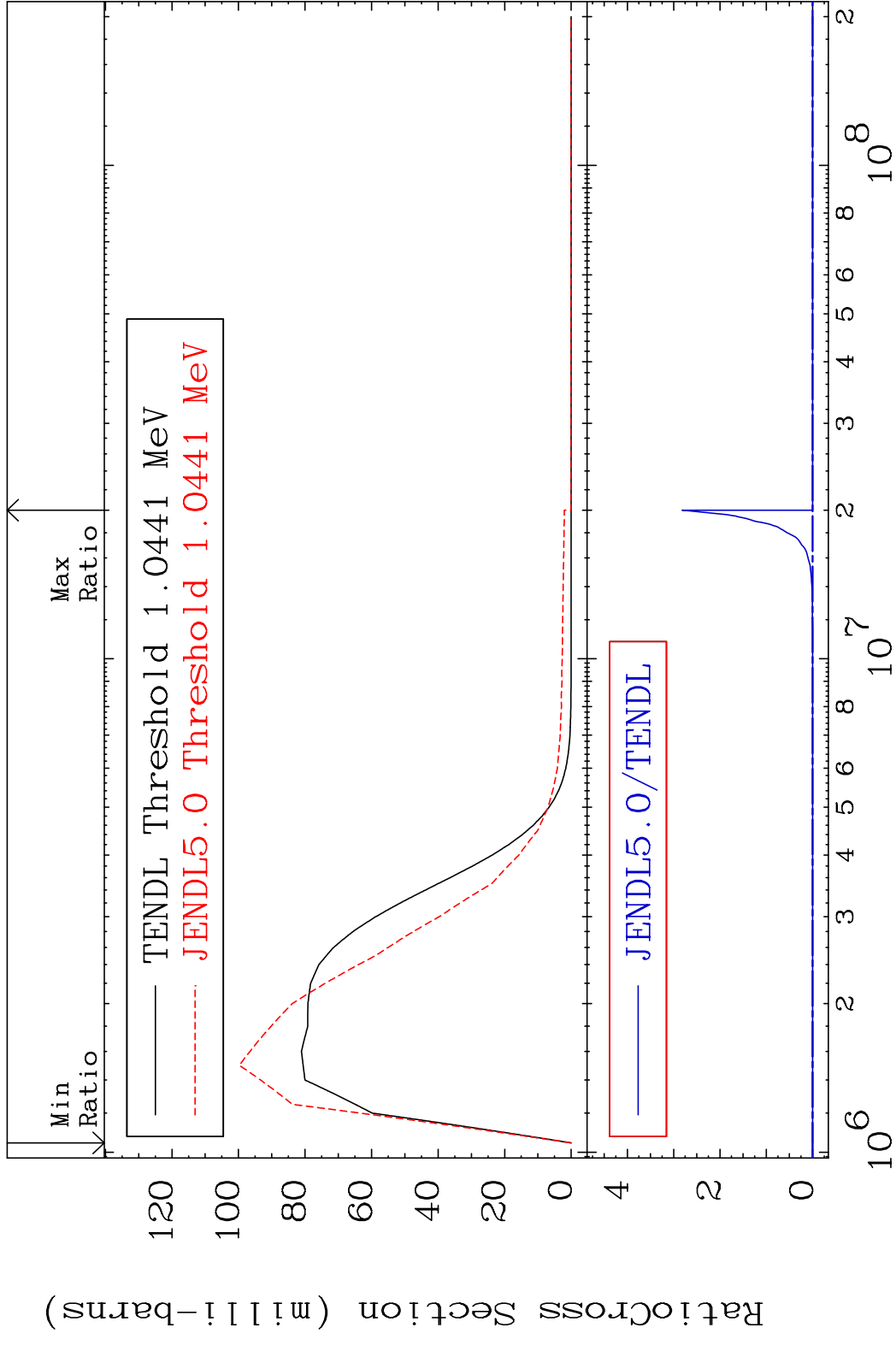
13 Incident Energy (eV) 51-Sb-121

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



14 Incident Energy (eV) 51-Sb-121

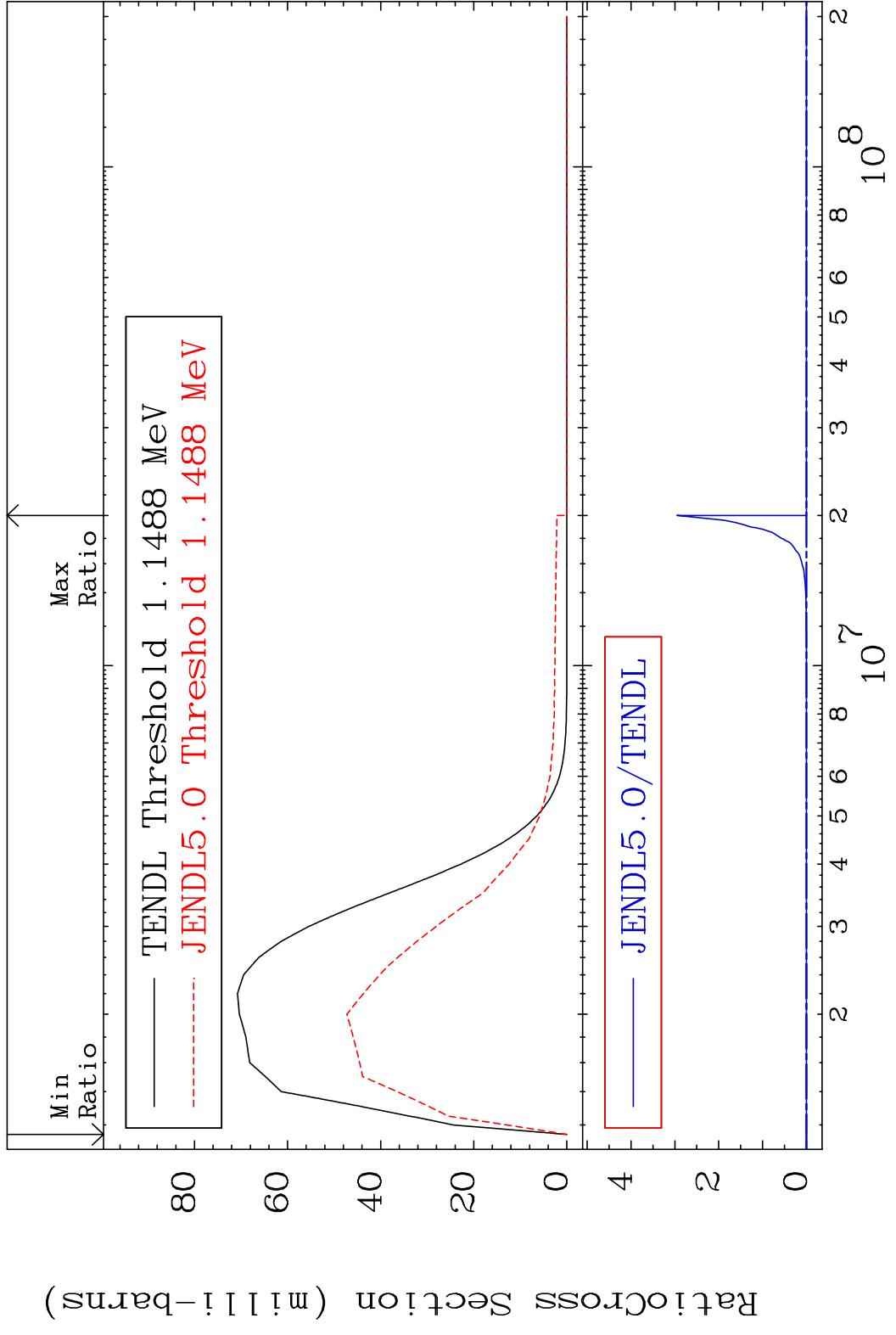
MAT 5125 MT= 56 (n, n') Level 51-Sb-121  
 Cross Section -100.0 To 9999. %



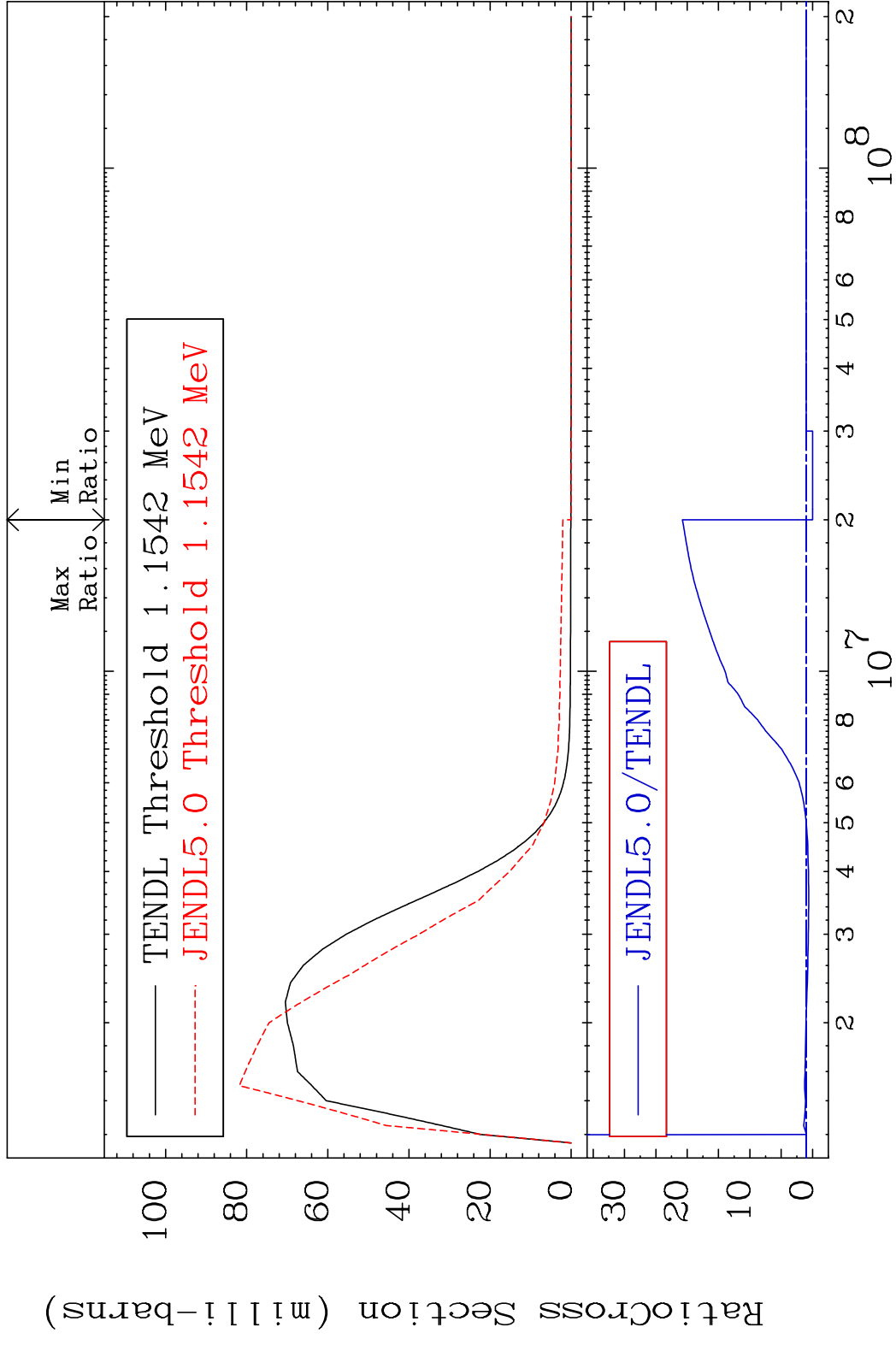
15 Incident Energy (eV) 51-Sb-121



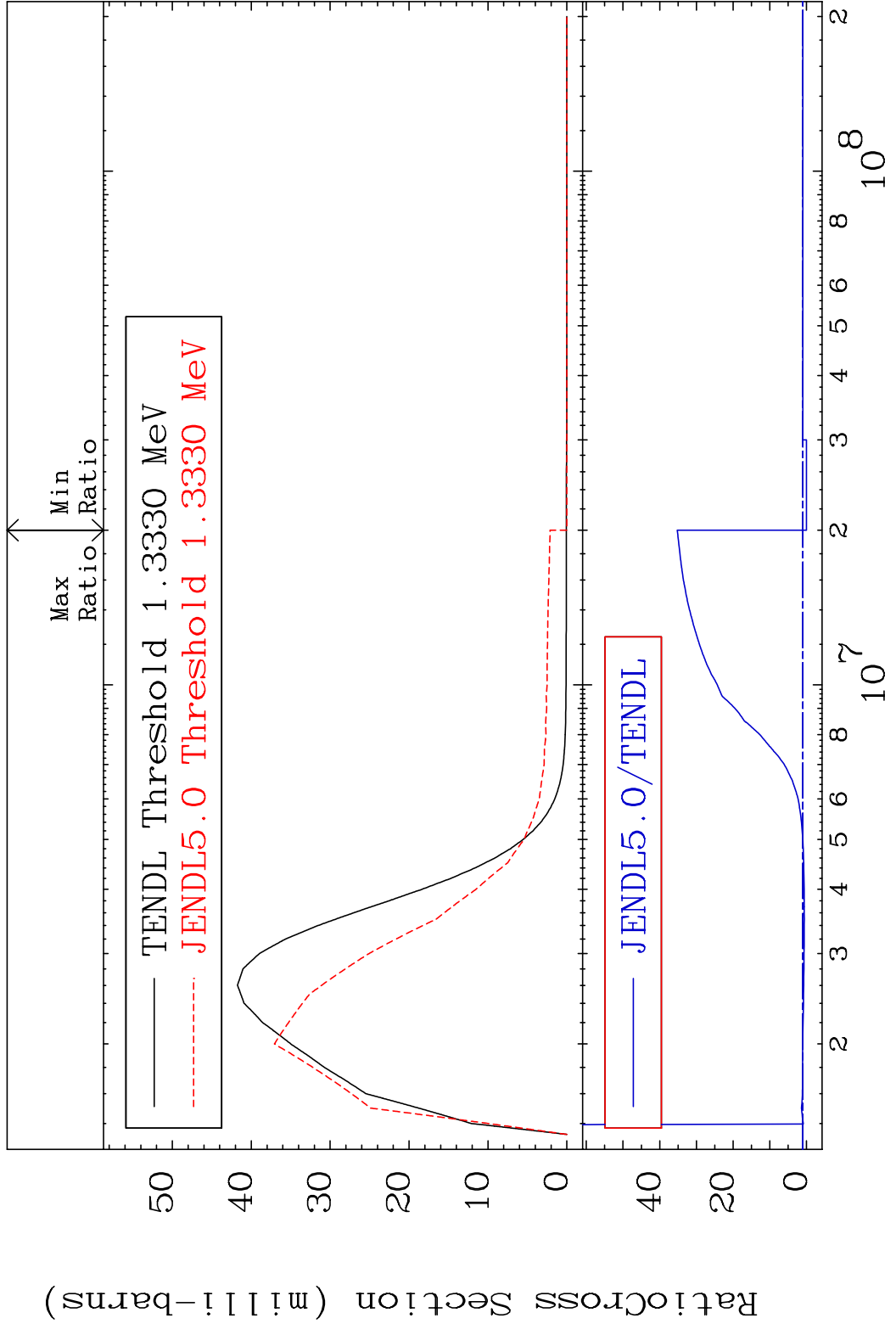
MAT 5125 MT= 57 (n, n') Level 51-Sb-121  
 Cross Section -100.0 To 9999. %



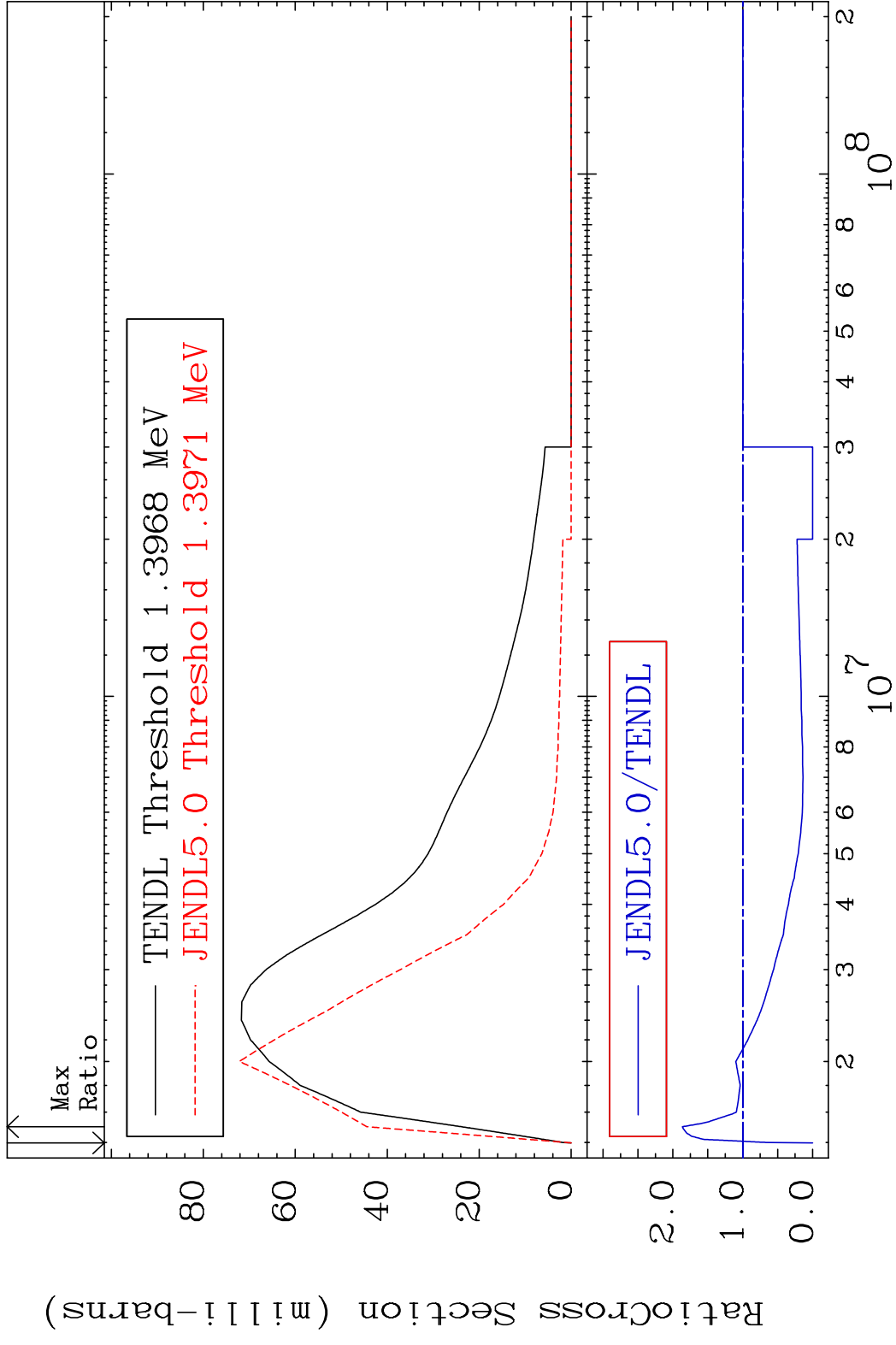
MAT 5125 MT= 58 (n, n') Level 51-Sb-121  
 Cross Section -100.0 To 1977. %



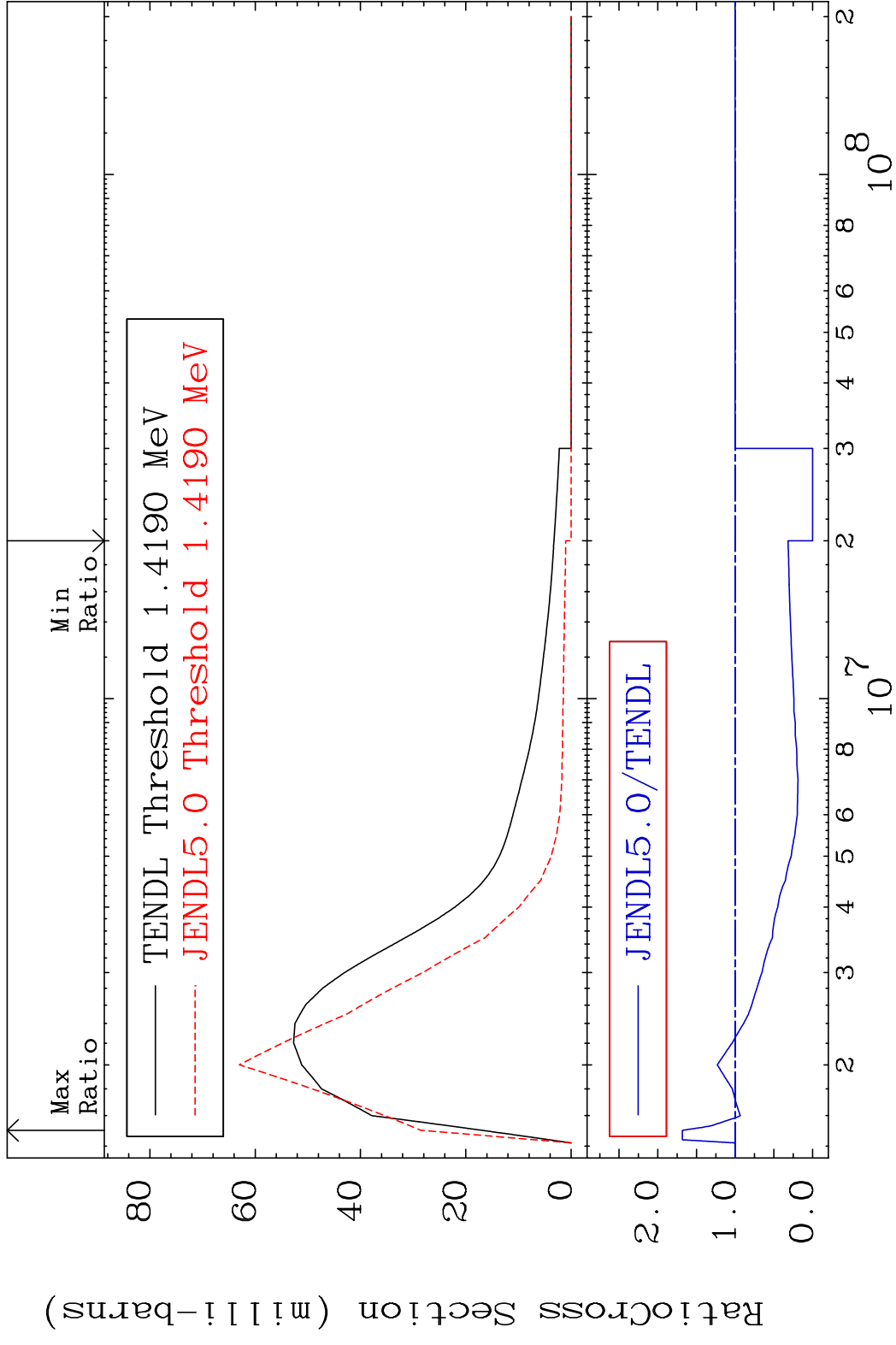
MAT 5125 MT= 59 (n, n') Level 51-Sb-121  
 Cross Section -100.0 To 3423. %



MAT 5125 MT= 60 (n, n') Level 51-Sb-121  
 Cross Section -100.0 To 86.44 %

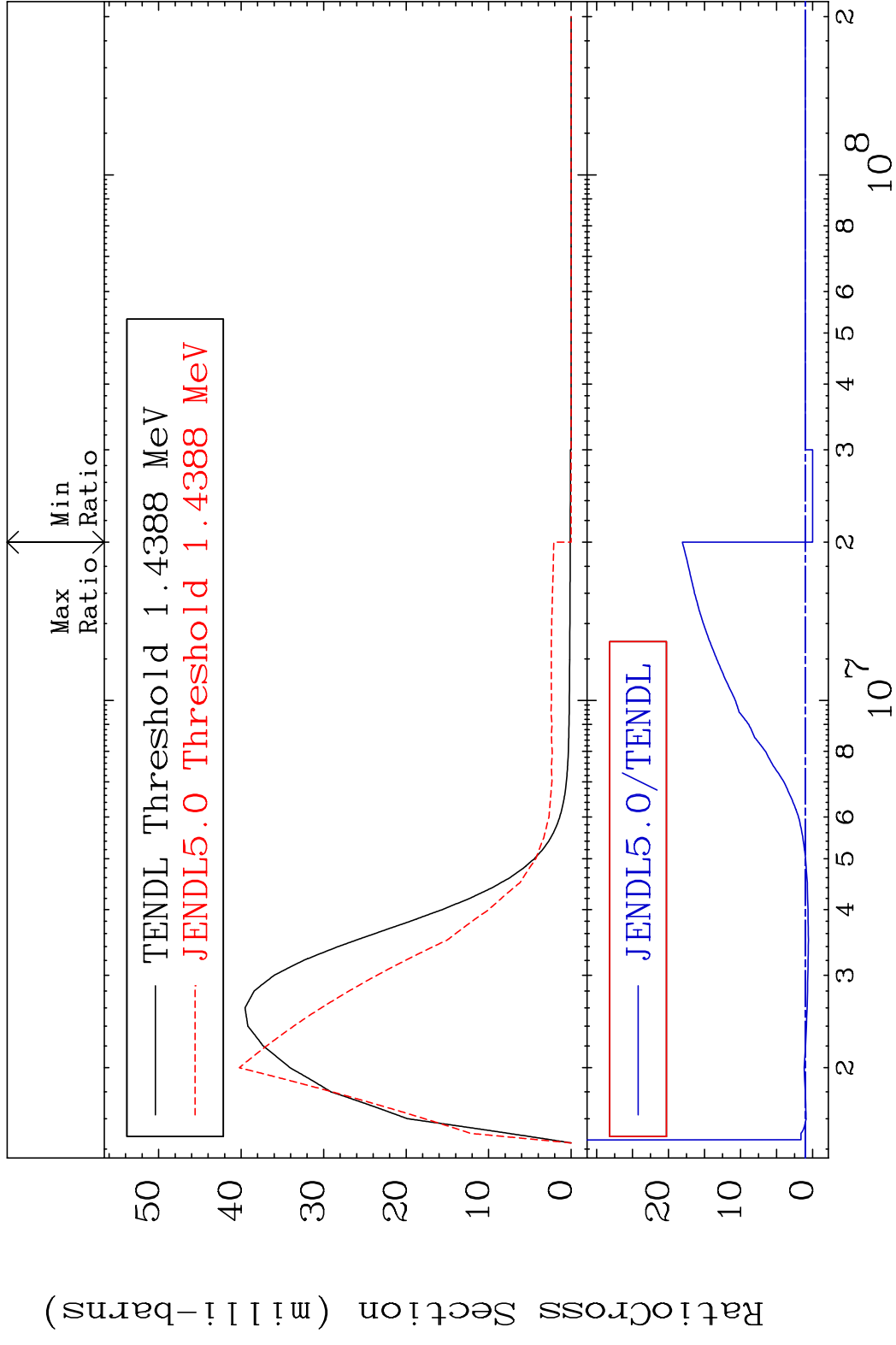


MAT 5125 MT= 61 (n, n') Level 51-Sb-121  
 Cross Section -100.0 To 68.26 %

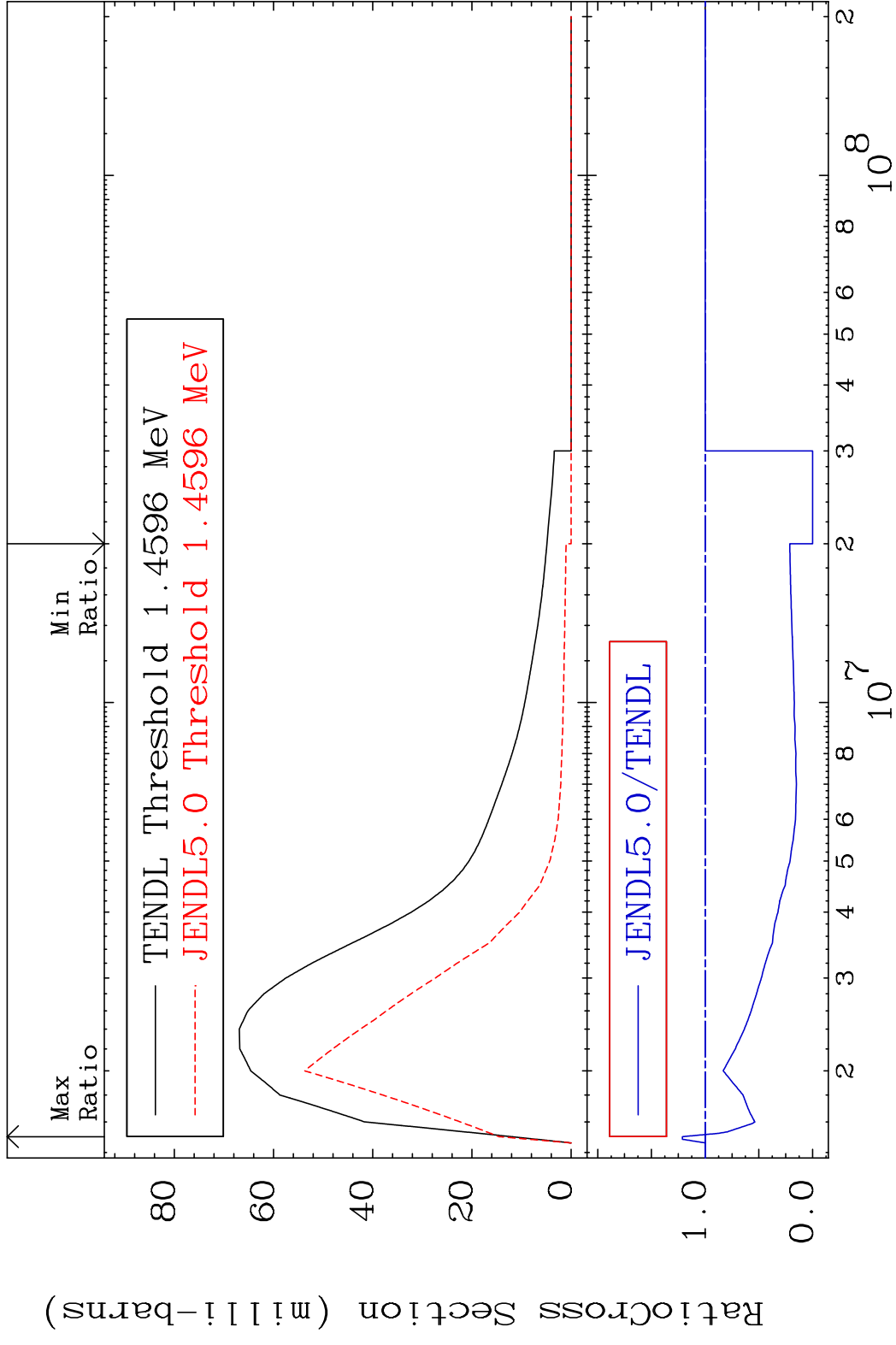


20 Incident Energy (eV) 51-Sb-121

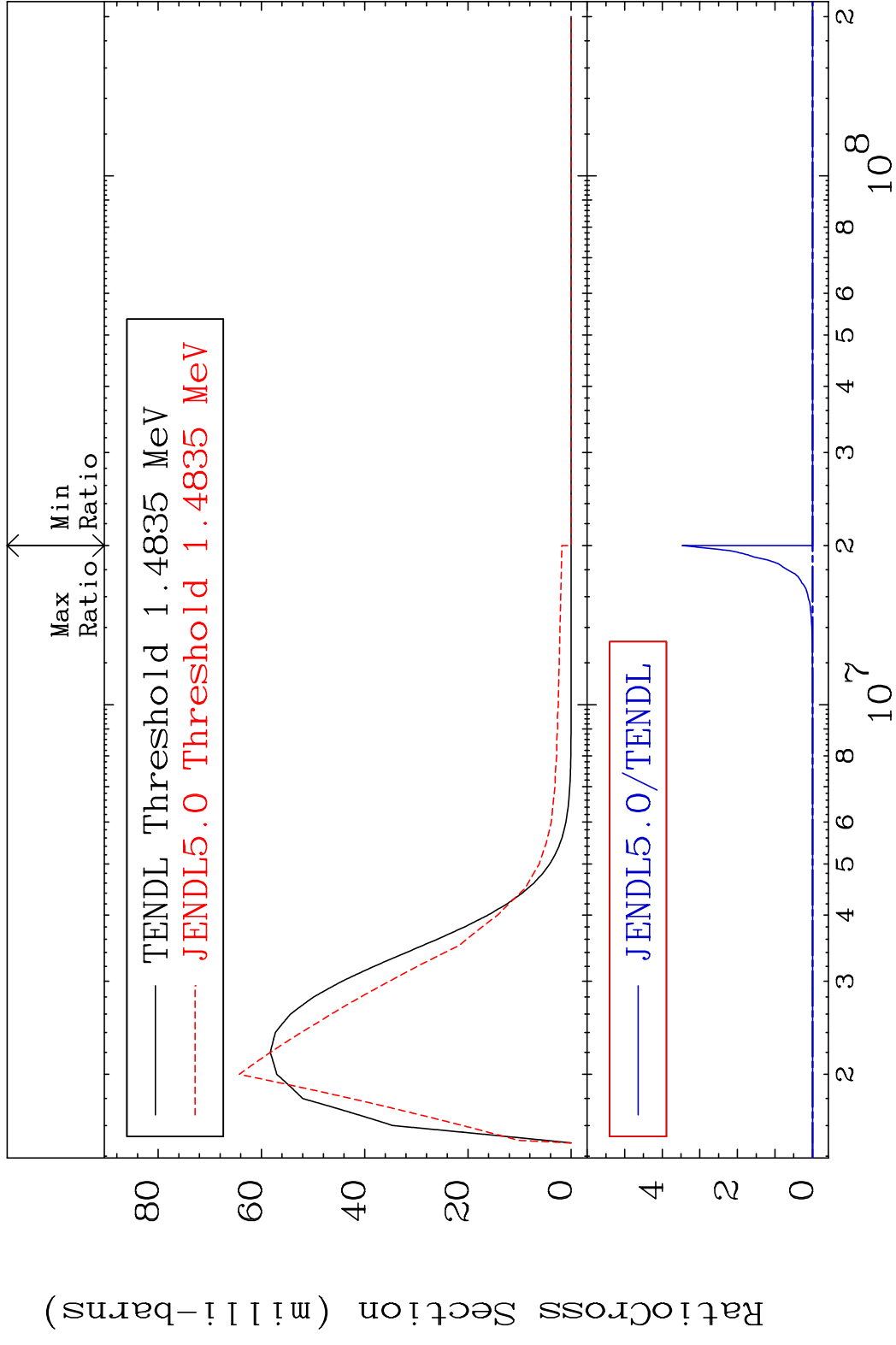
MAT 5125 MT= 62 (n, n') Level 51-Sb-121  
 Cross Section -100.0 To 1708. %



MAT 5125 MT= 63 (n, n') Level 51-Sb-121  
 Cross Section -100.0 To 21.21 %

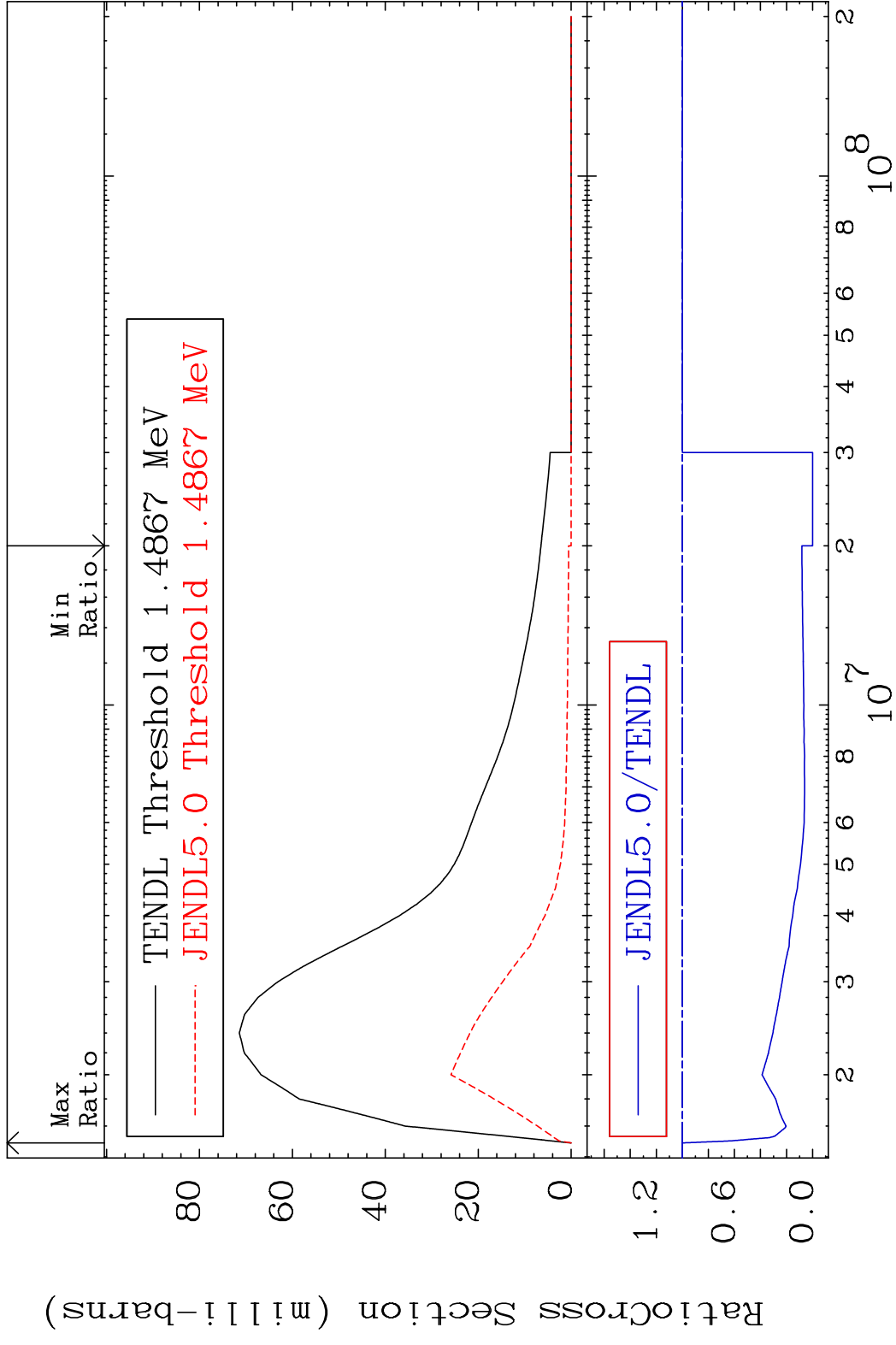


MAT 5125 MT= 64 (n, n') Level 51-Sb-121  
 Cross Section -100.0 To 9999. %

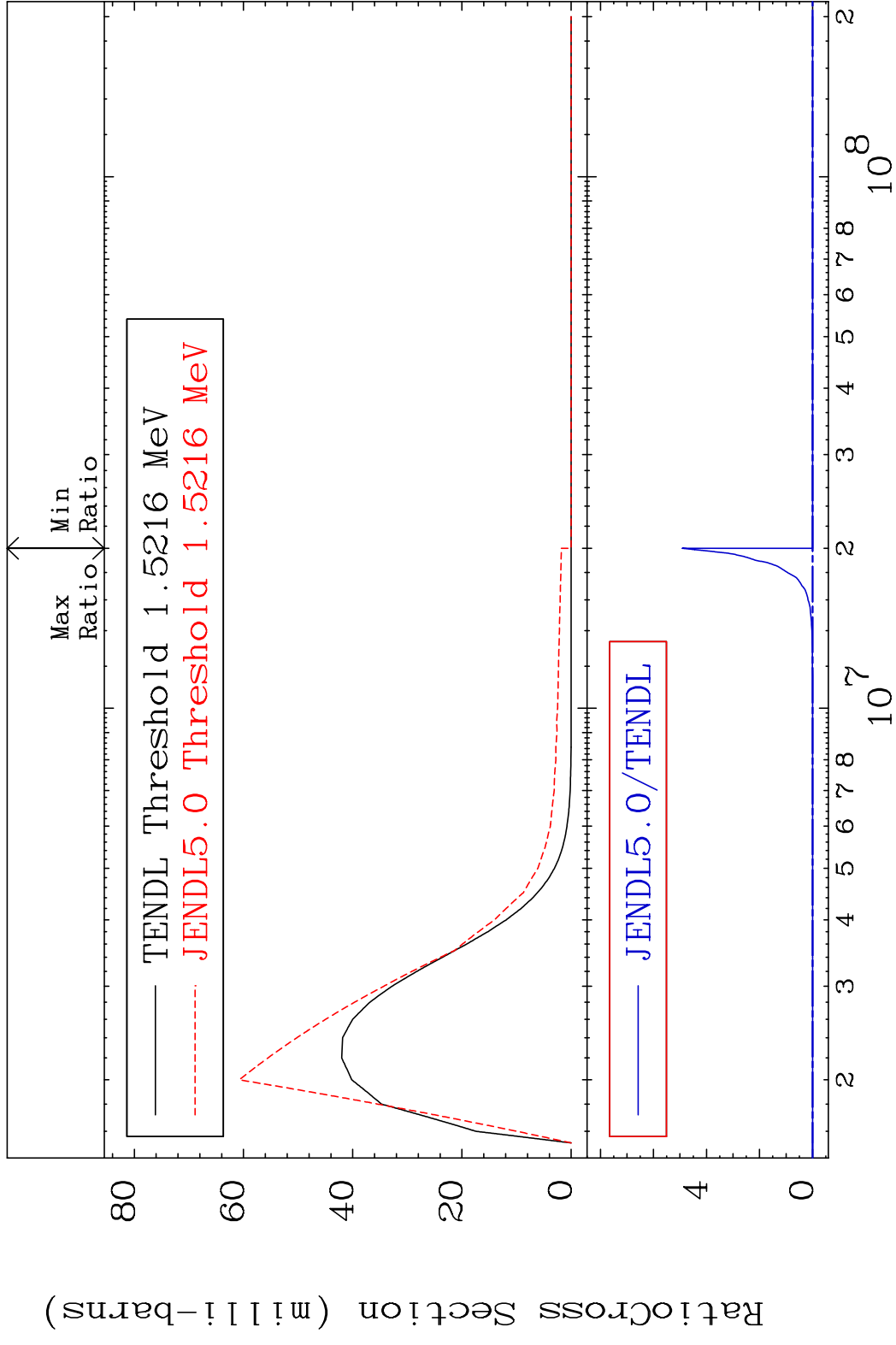




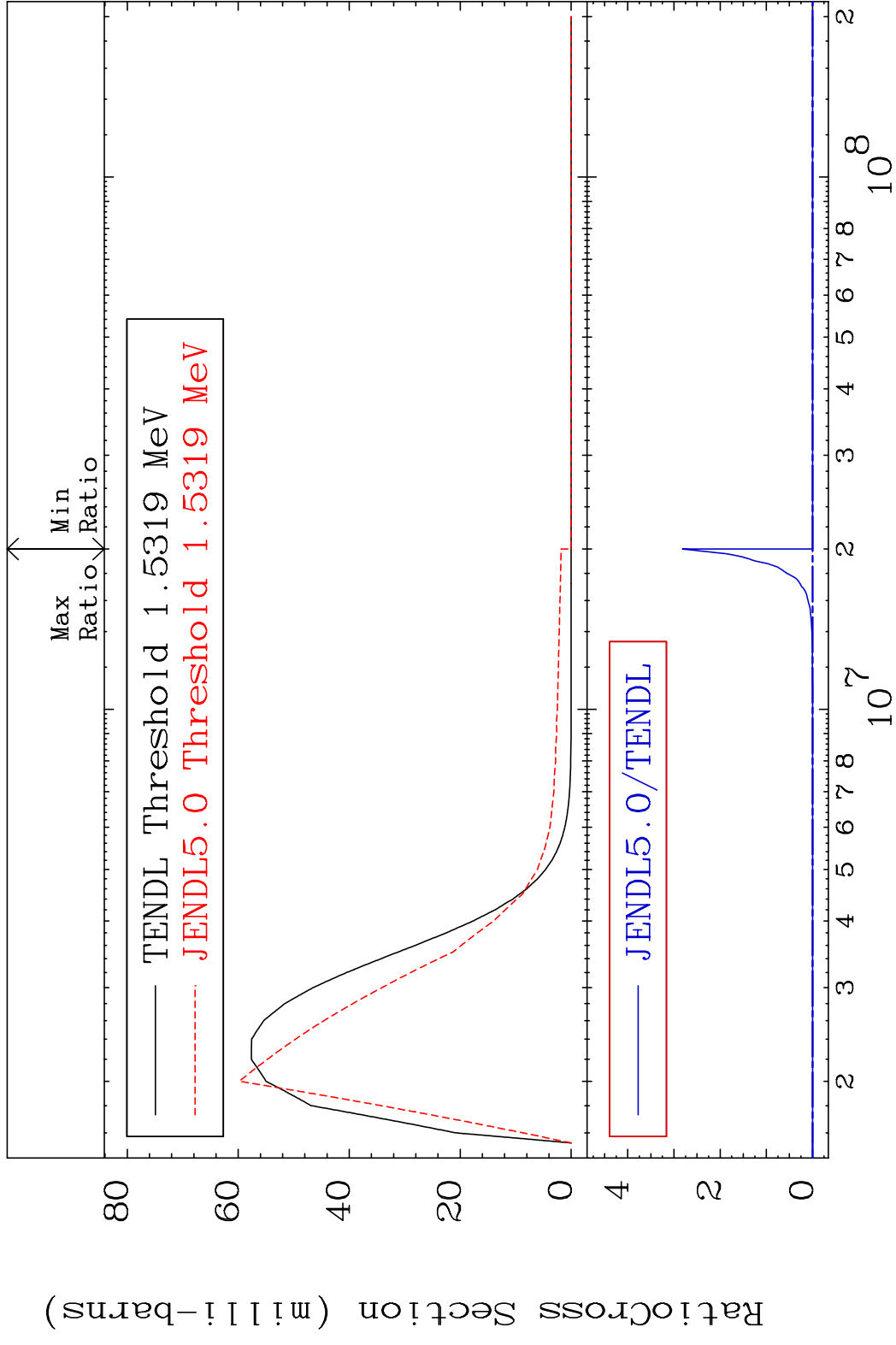
MAT 5125 MT= 65 (n, n') Level 51-Sb-121  
 Cross Section -100.0 To 0.000 %



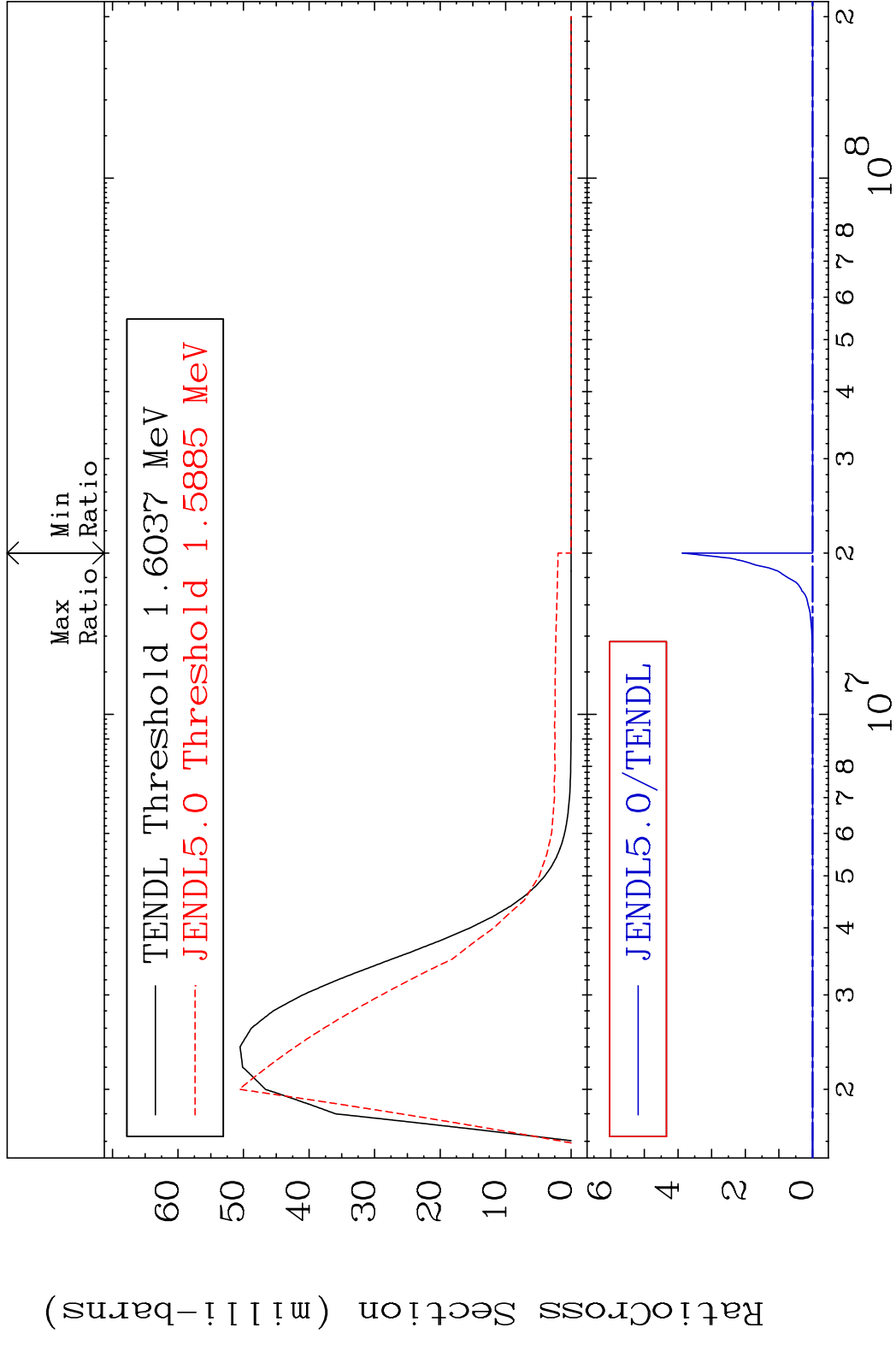
MAT 5125 MT= 66 (n, n') Level 51-Sb-121  
 Cross Section -100.0 To 9999. %



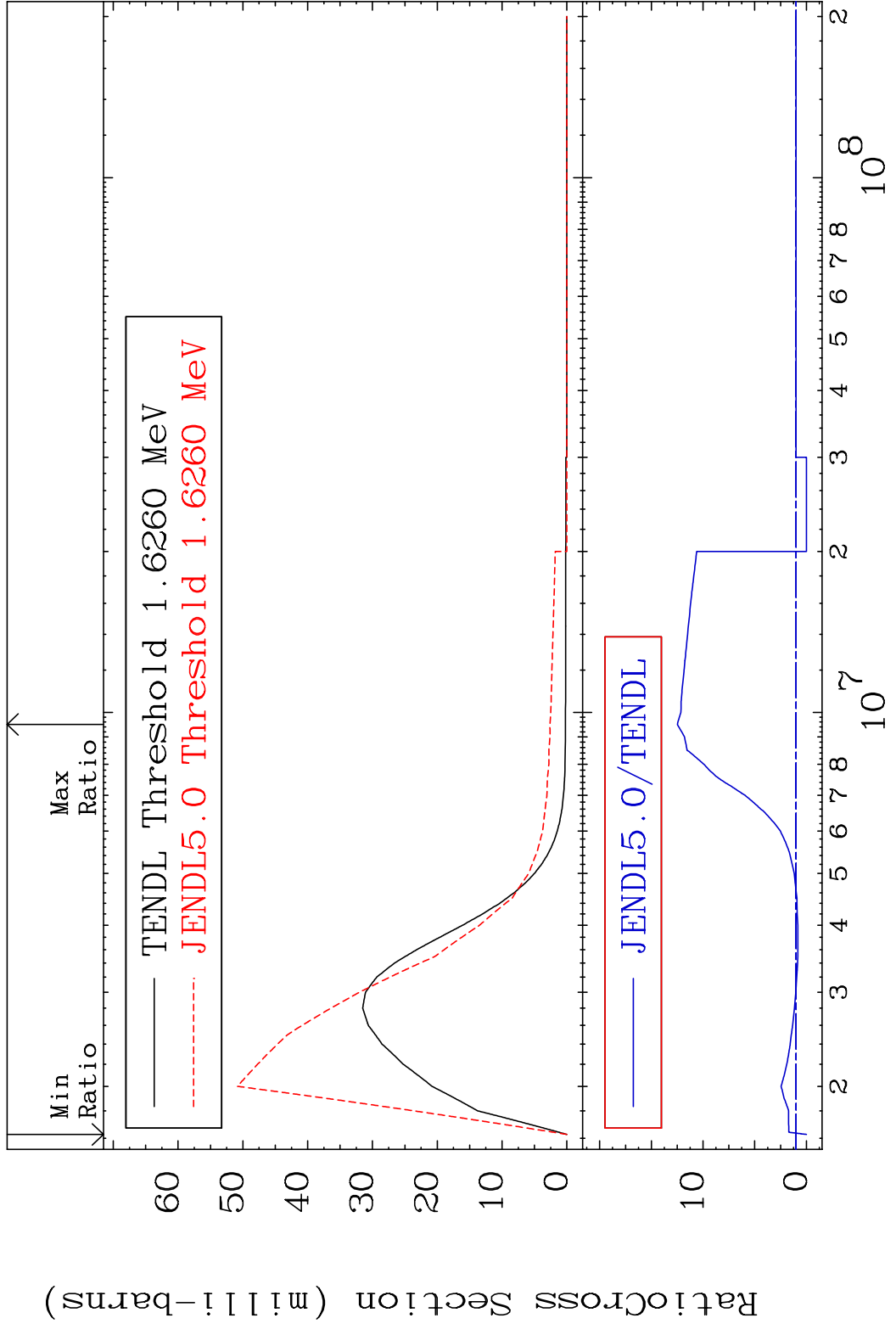
MAT 5125 MT= 67 (n, n') Level 51-Sb-121  
 Cross Section -100.0 To 9999. %



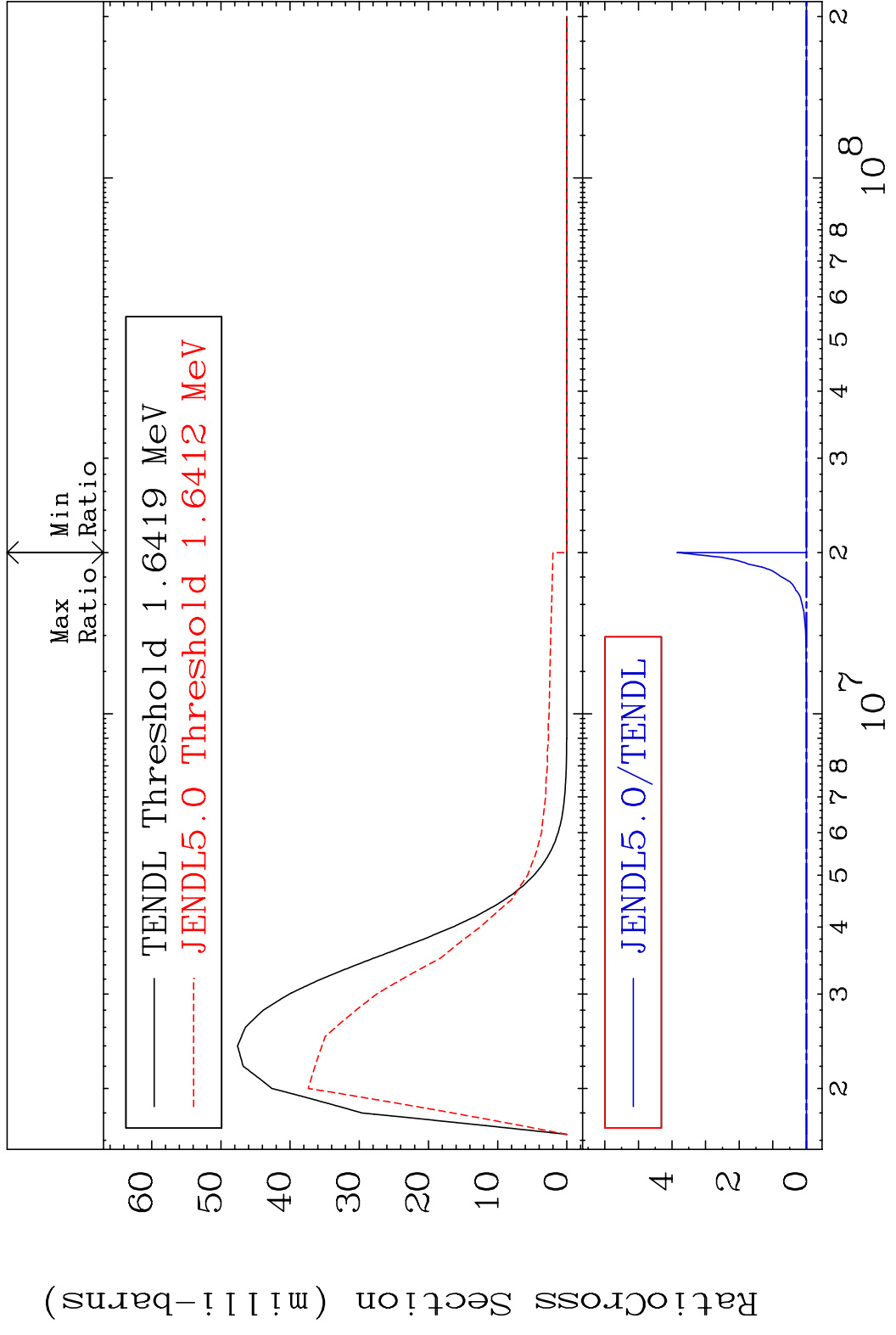
MAT 5125 MT= 68 (n, n') Level 51-Sb-121  
 Cross Section -100.0 To 9999. %



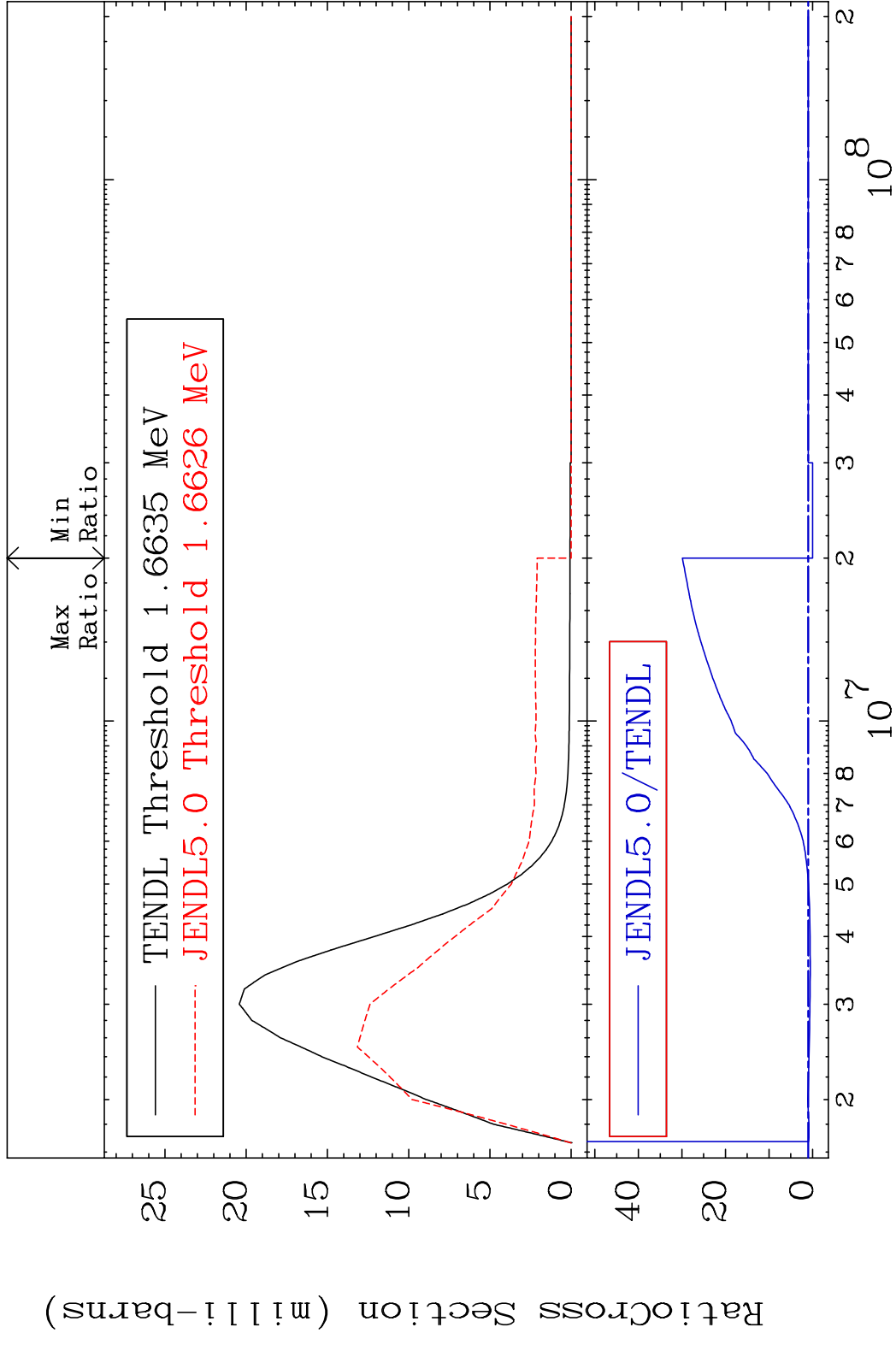
MAT 5125 MT= 69 (n, n') Level 51-Sb-121  
 Cross Section -100.0 To 1150. %



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. %

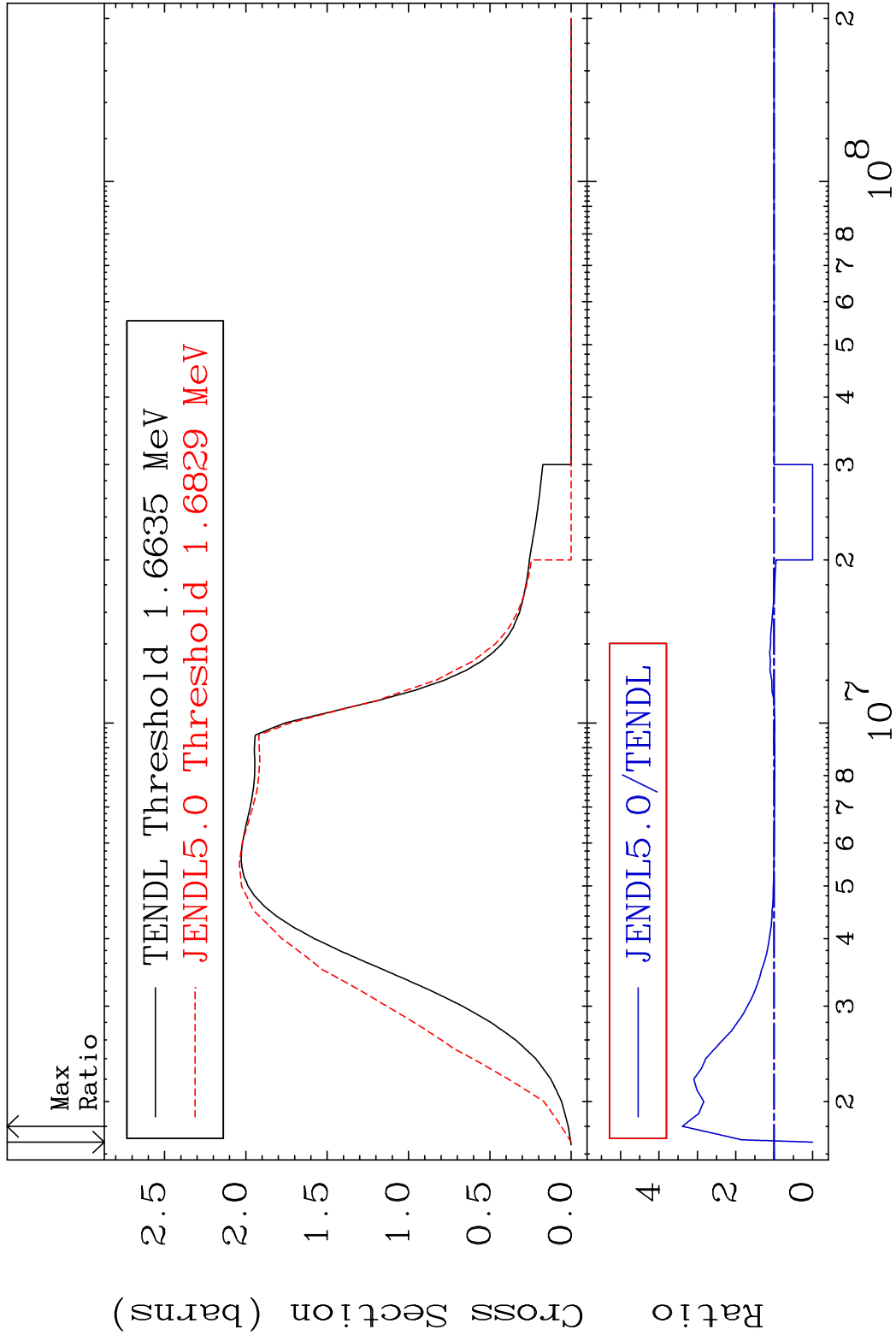


MAT 5125

(n, n') Continuum

51-Sb-121

Cross Section -100.0 To 239.0 %



31

Incident Energy (eV)

51-Sb-121

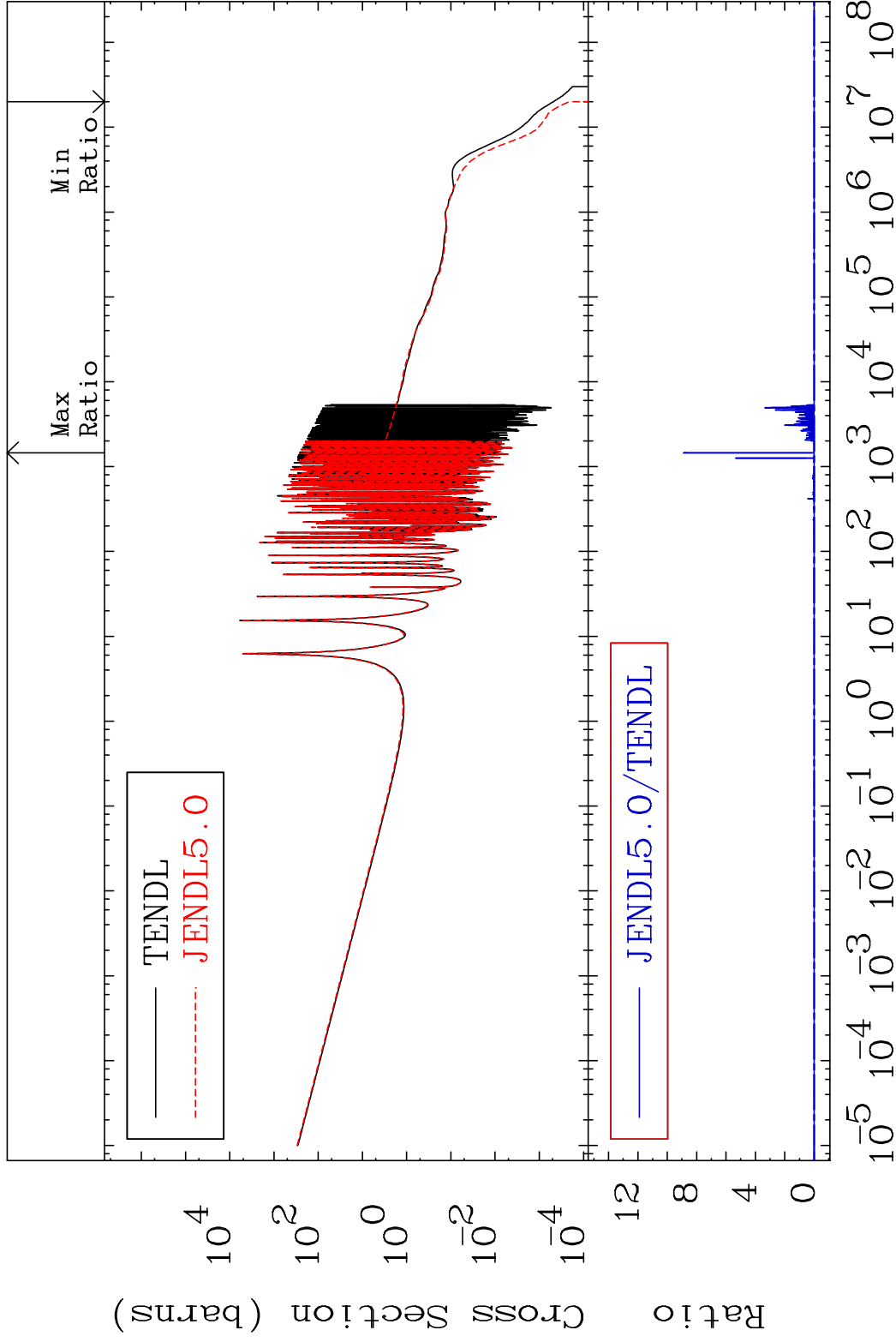


MAT 5125

(n,  $\gamma$ )

51-Sb-121

Cross Section -100.0 To 9999. %



32

Incident Energy (eV)

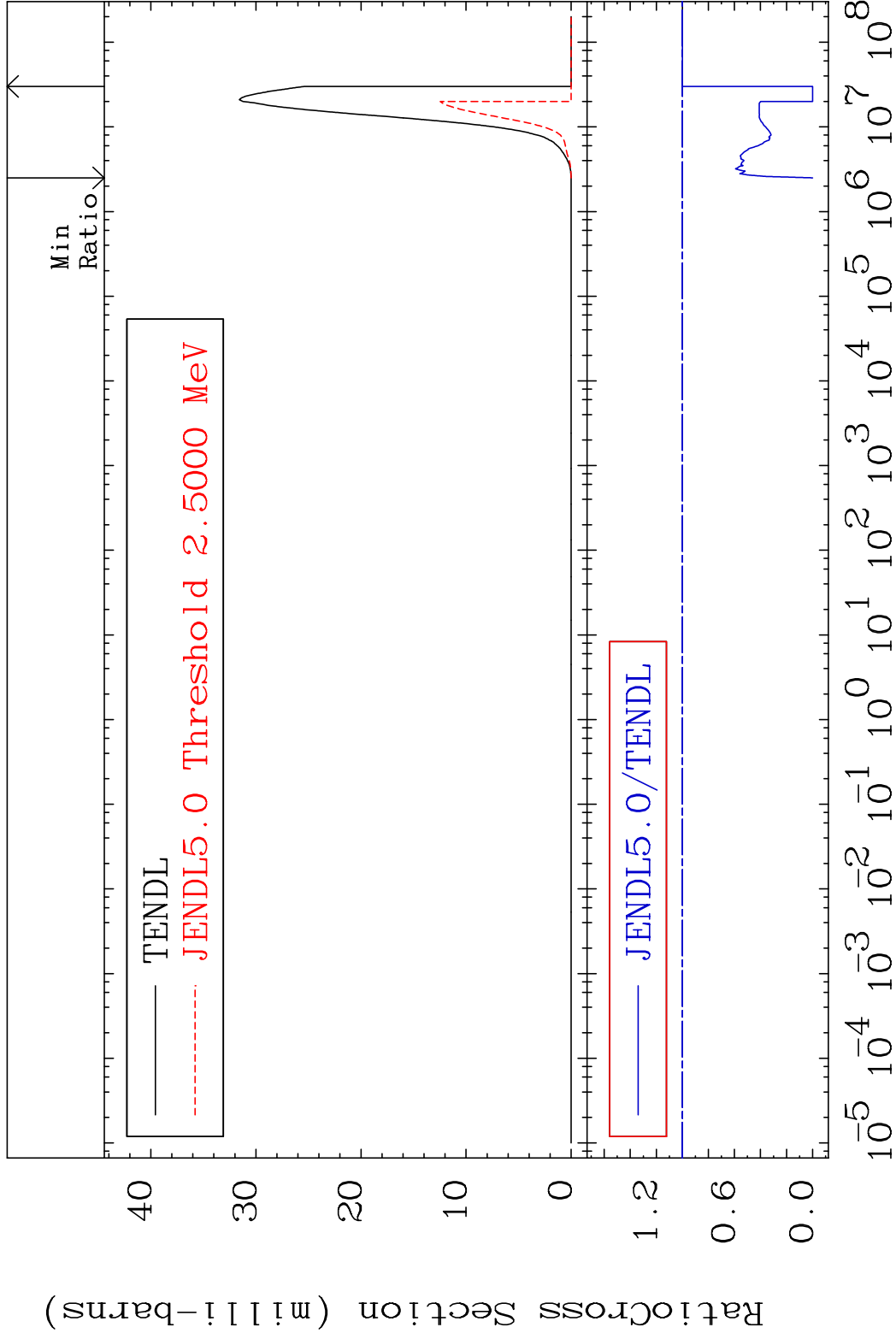
51-Sb-121

MAT 5125

(n, p)

51-Sb-121

Cross Section -100.0 To 0.000 %

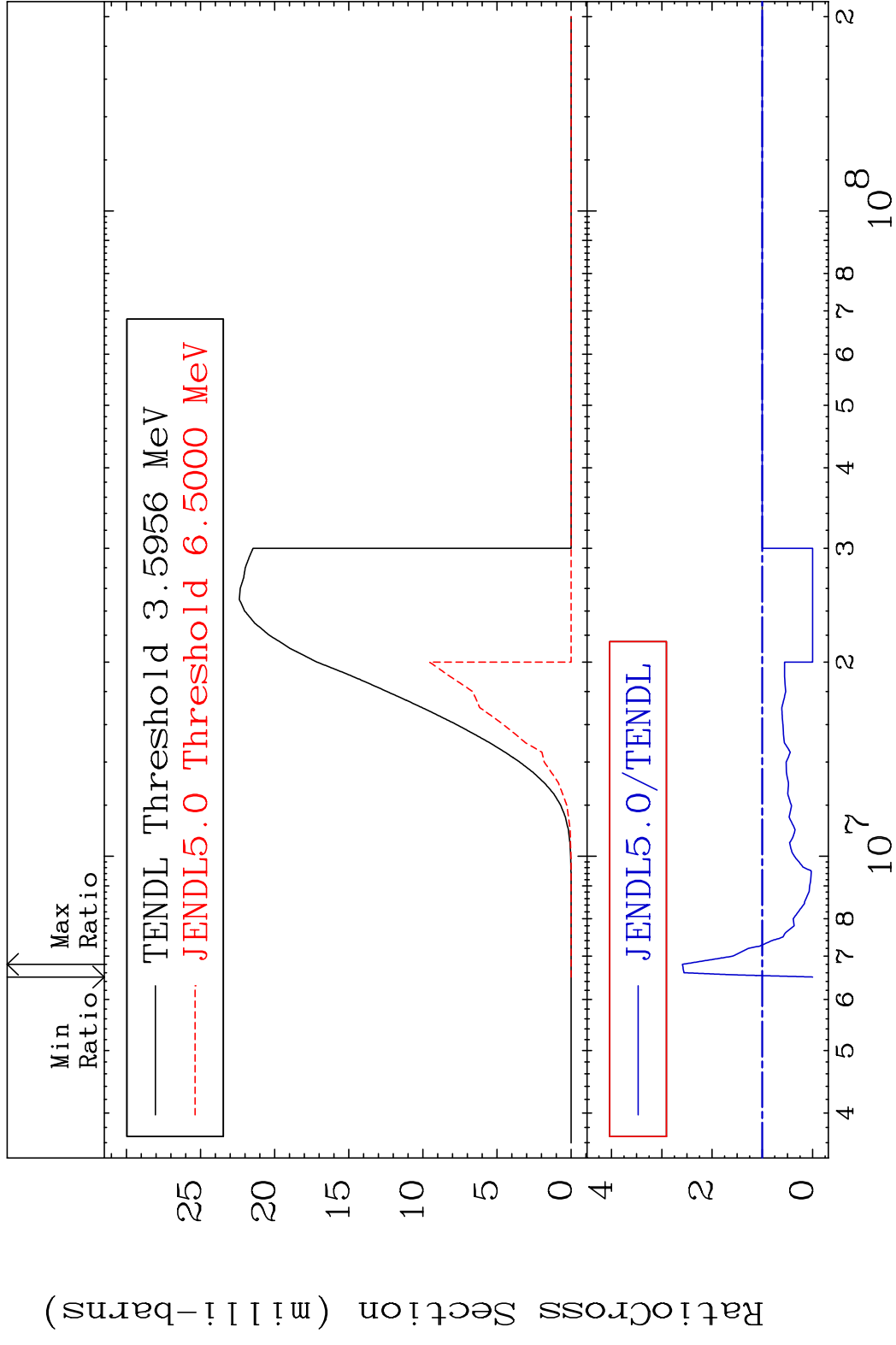


33

Incident Energy (eV)

51-Sb-121

MAT 5125 (n,d) 51-Sb-121  
 Cross Section -100.0 To 159.0 %

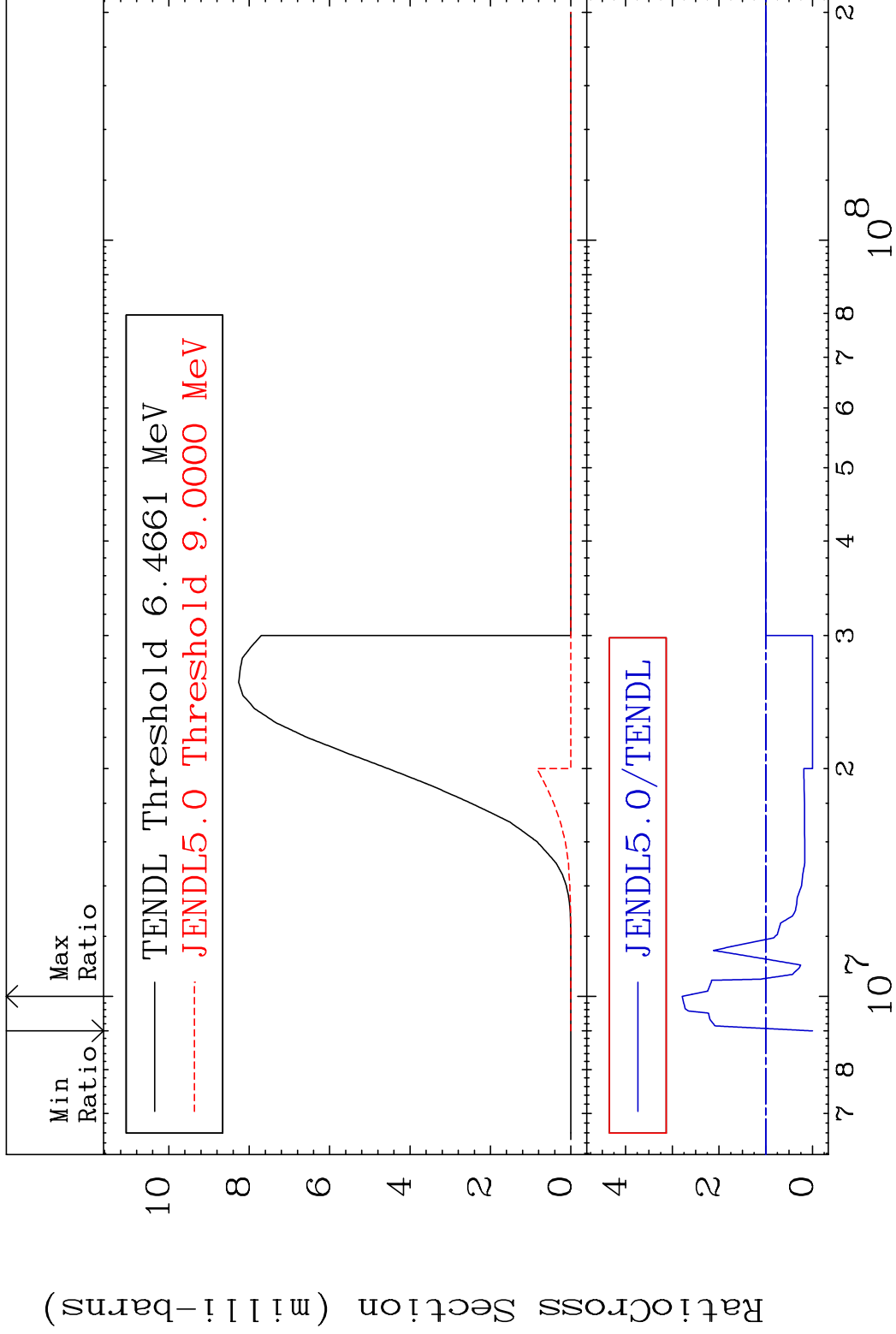


MAT 5125

(n, t)

51-Sb-121

Cross Section -100.0 To 178.9 %



35

Incident Energy (eV)

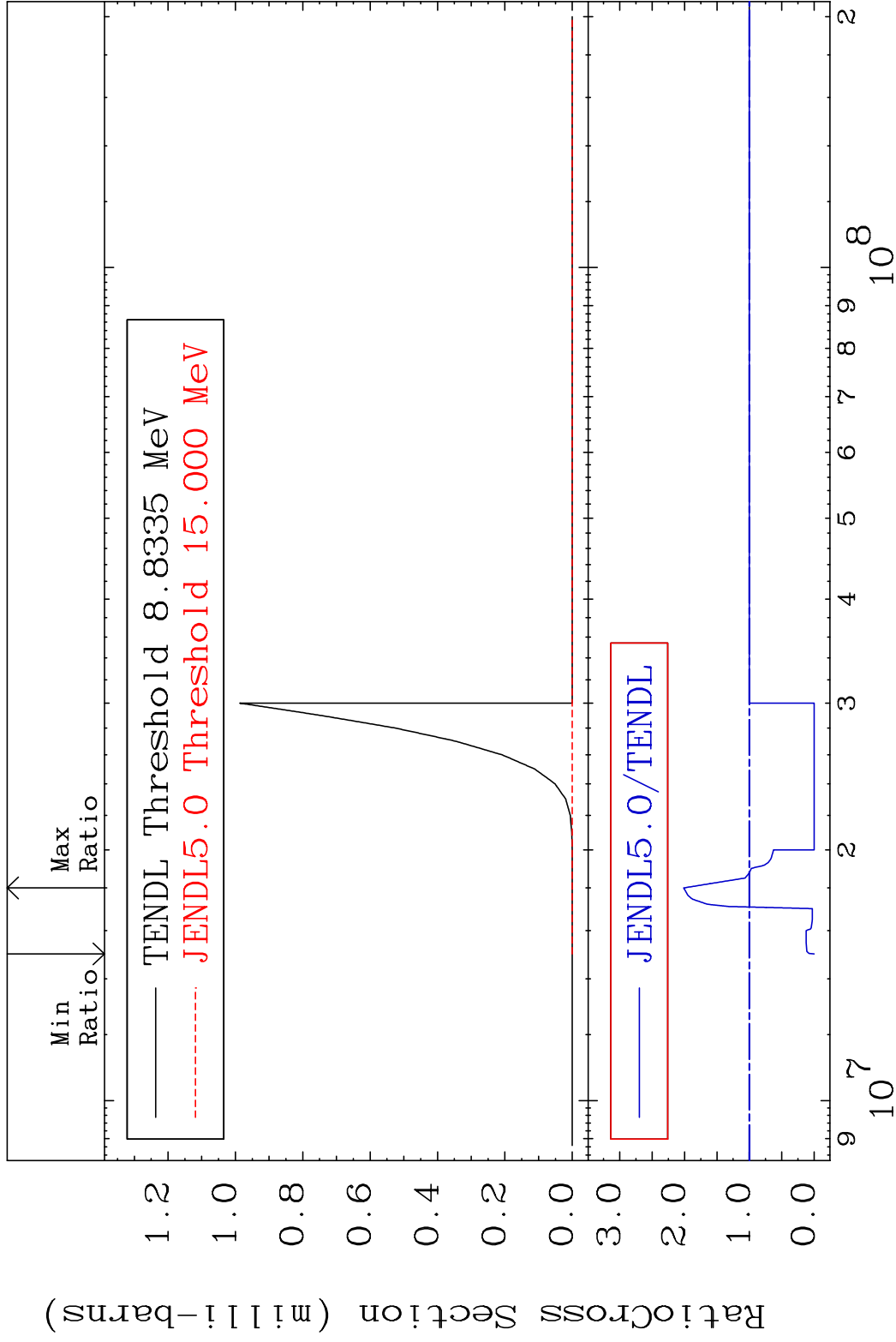
51-Sb-121

MAT 5125

(n, He-3)

51-Sb-121

Cross Section -100.0 To 101.4 %



36

Incident Energy (eV)

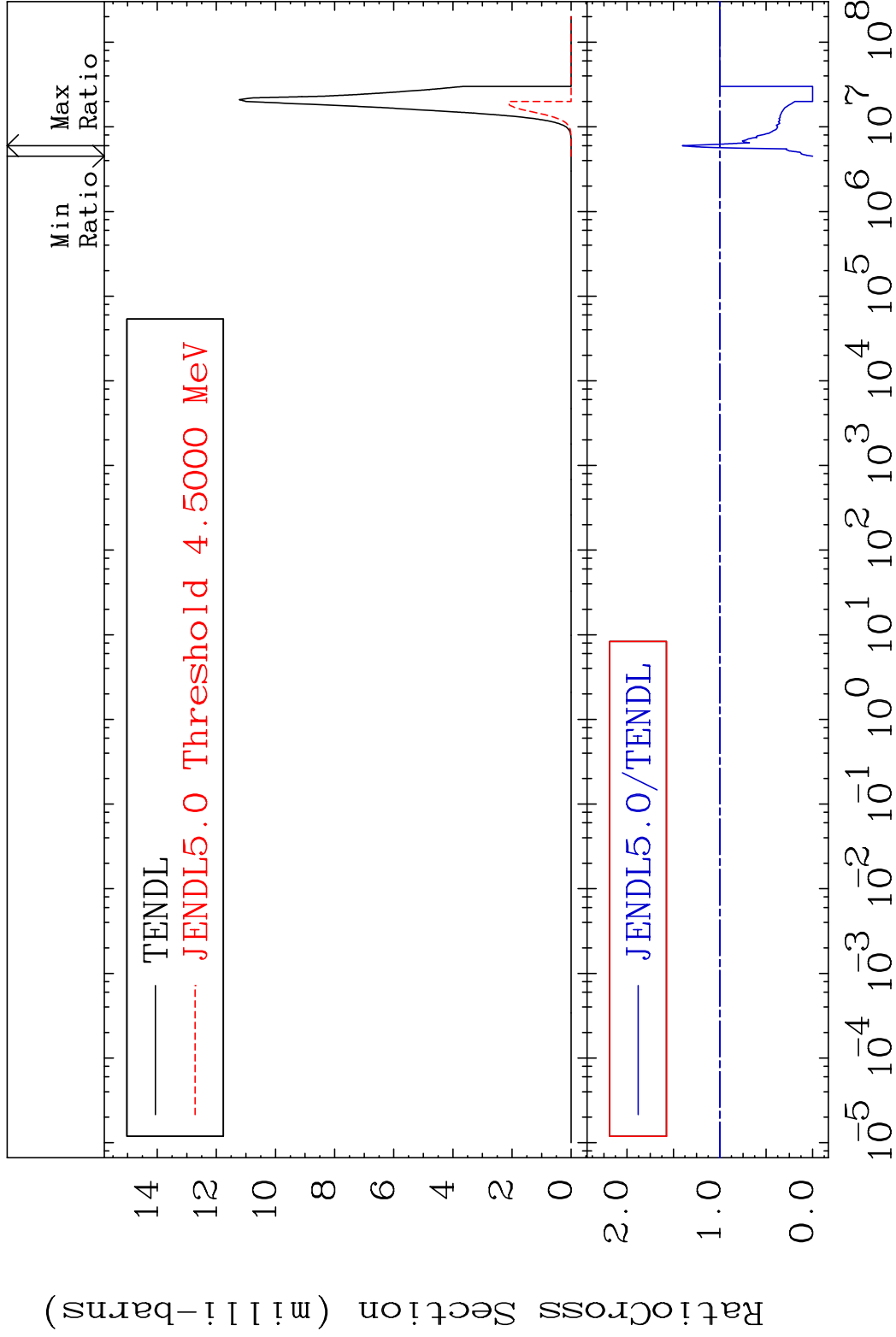
51-Sb-121

MAT 5125

(n,  $\alpha$ )

51-Sb-121

Cross Section -100.0 To 40.36 %



37

Incident Energy (eV)

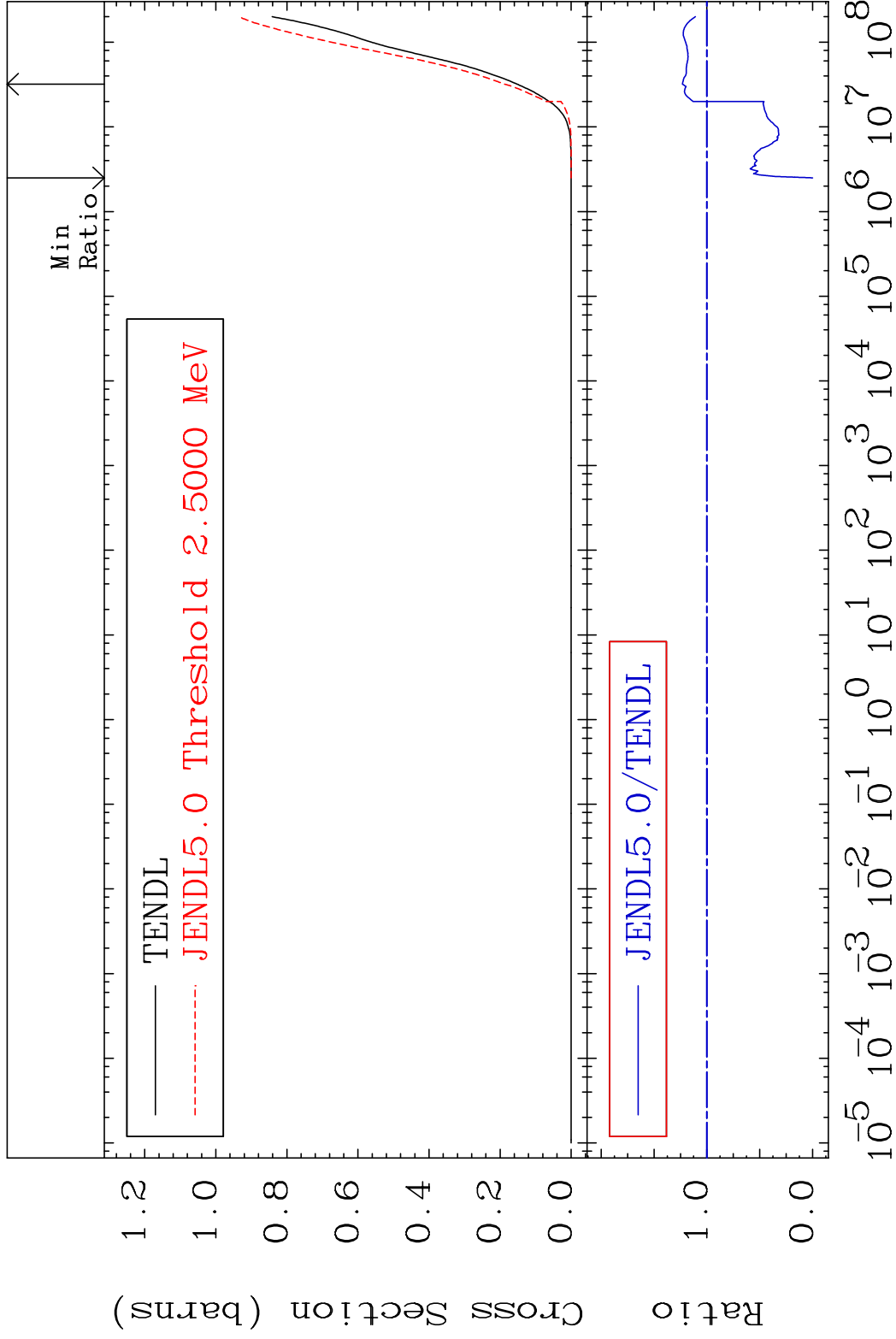
51-Sb-121

MAT 5125

Hydrogen Production

51-Sb-121

Cross Section -100.0 To 23.20 %



38

Incident Energy (eV)

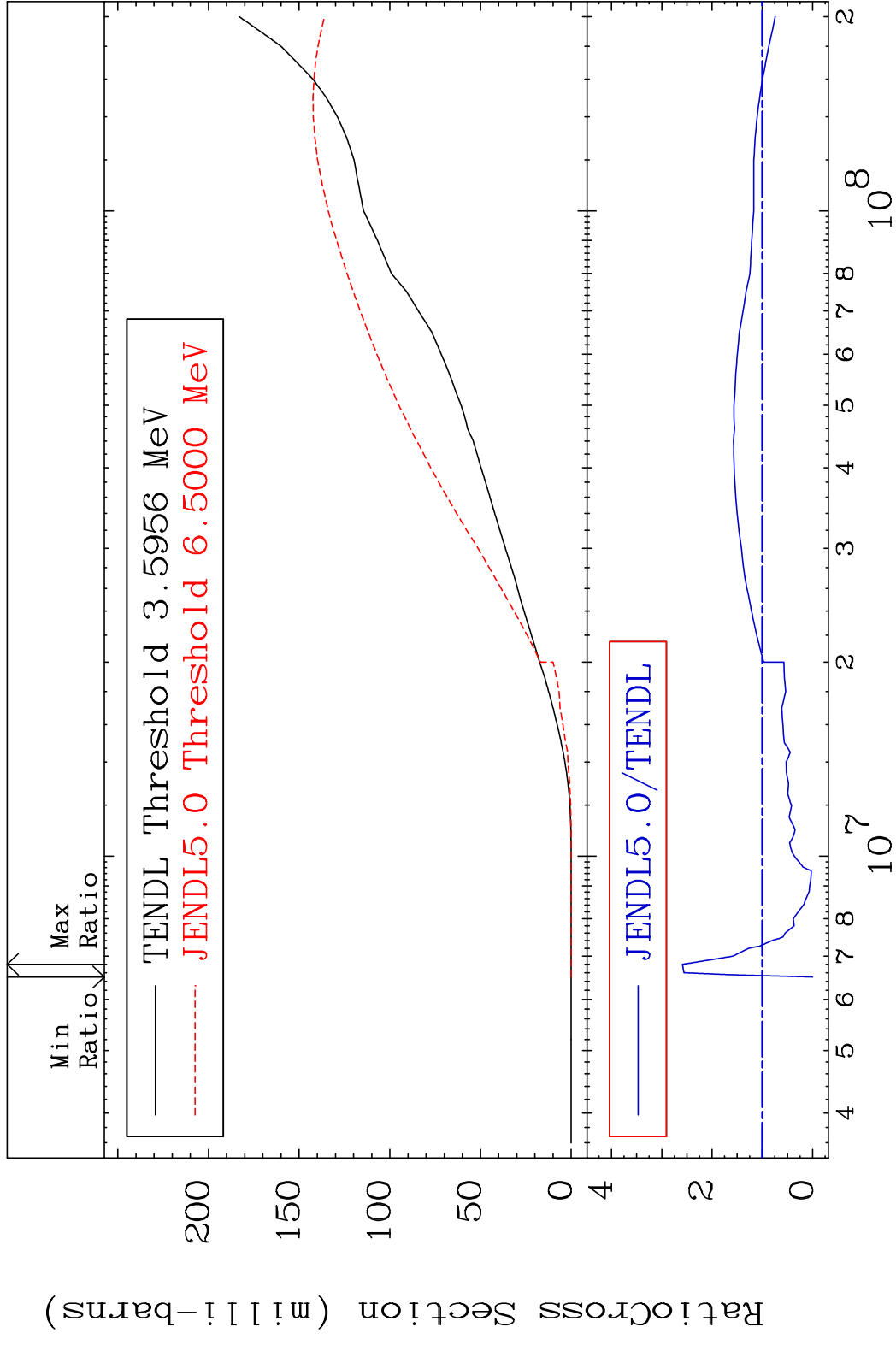
51-Sb-121

MAT 5125

Deuterium Production

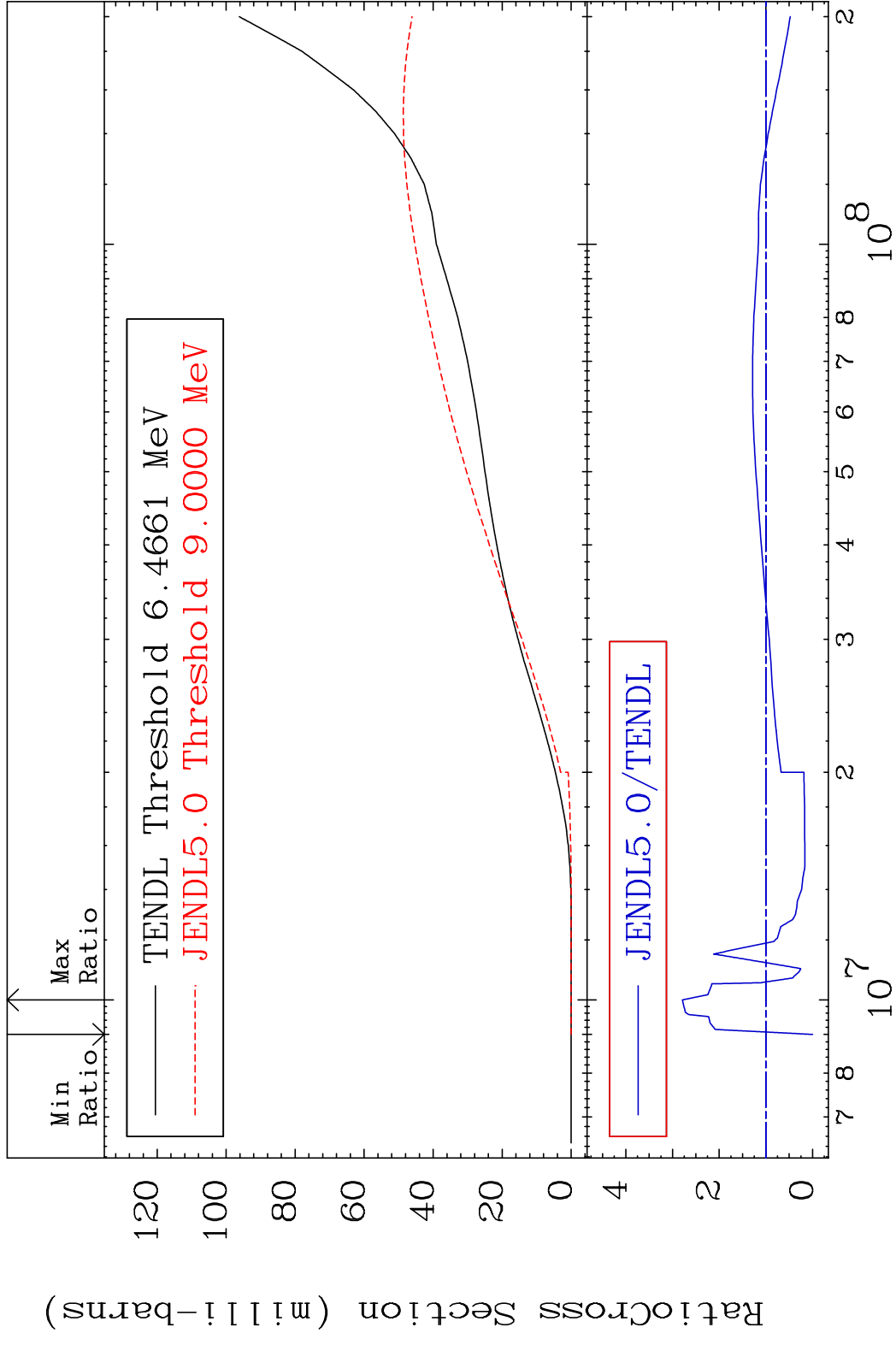
51-Sb-121

Cross Section -100.0 To 159.0 %





MAT 5125 Tritium Production 51-Sb-121  
 Cross Section -100.0 To 178.9 %



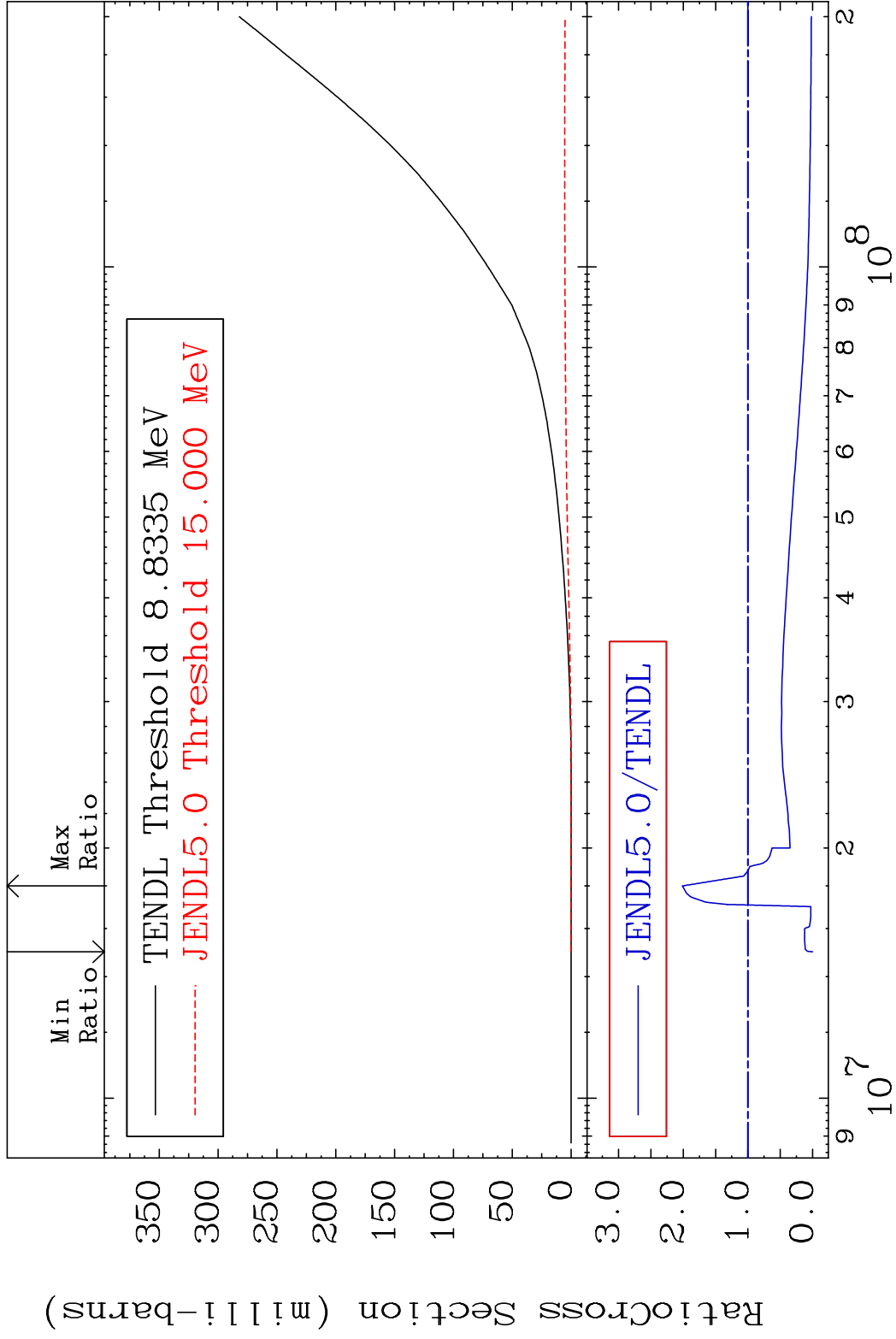
40 51-Sb-121

MAT 5125

He-3 Production

51-Sb-121

Cross Section -100.0 To 101.4 %



41

Incident Energy (eV)

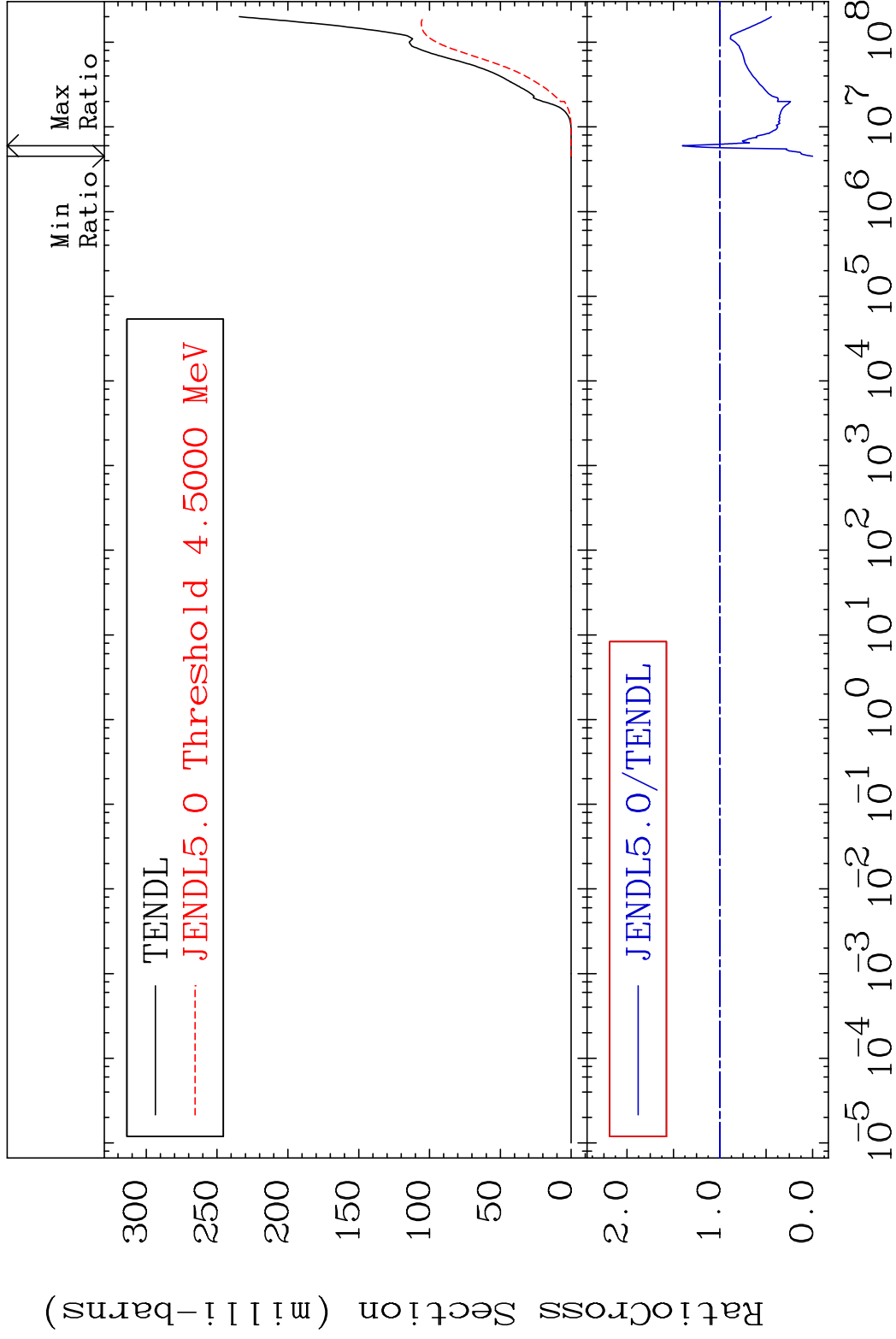
51-Sb-121

MAT 5125

He-4 Production

51-Sb-121

Cross Section -100.0 To 40.36 %

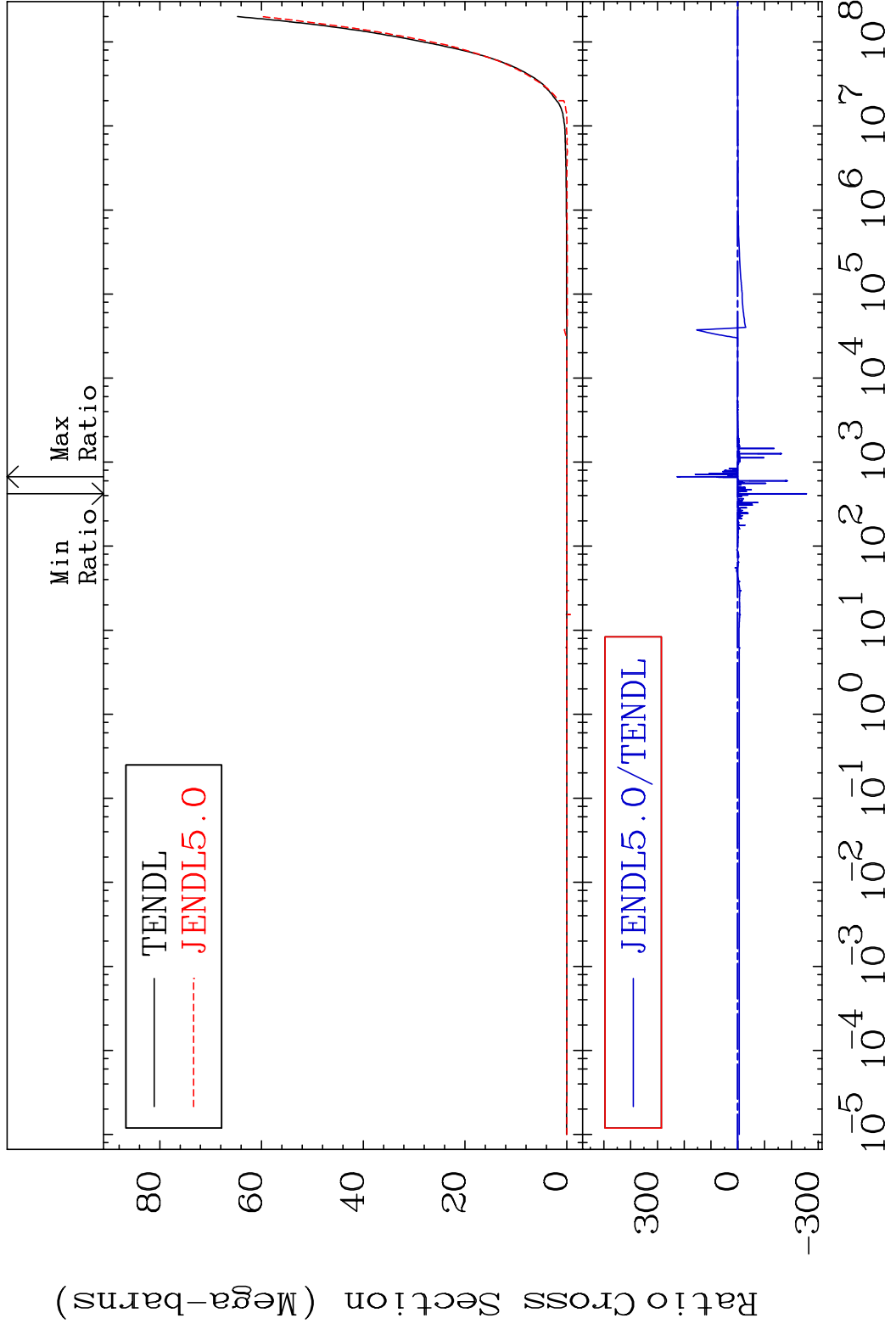


42

Incident Energy (eV)

51-Sb-121

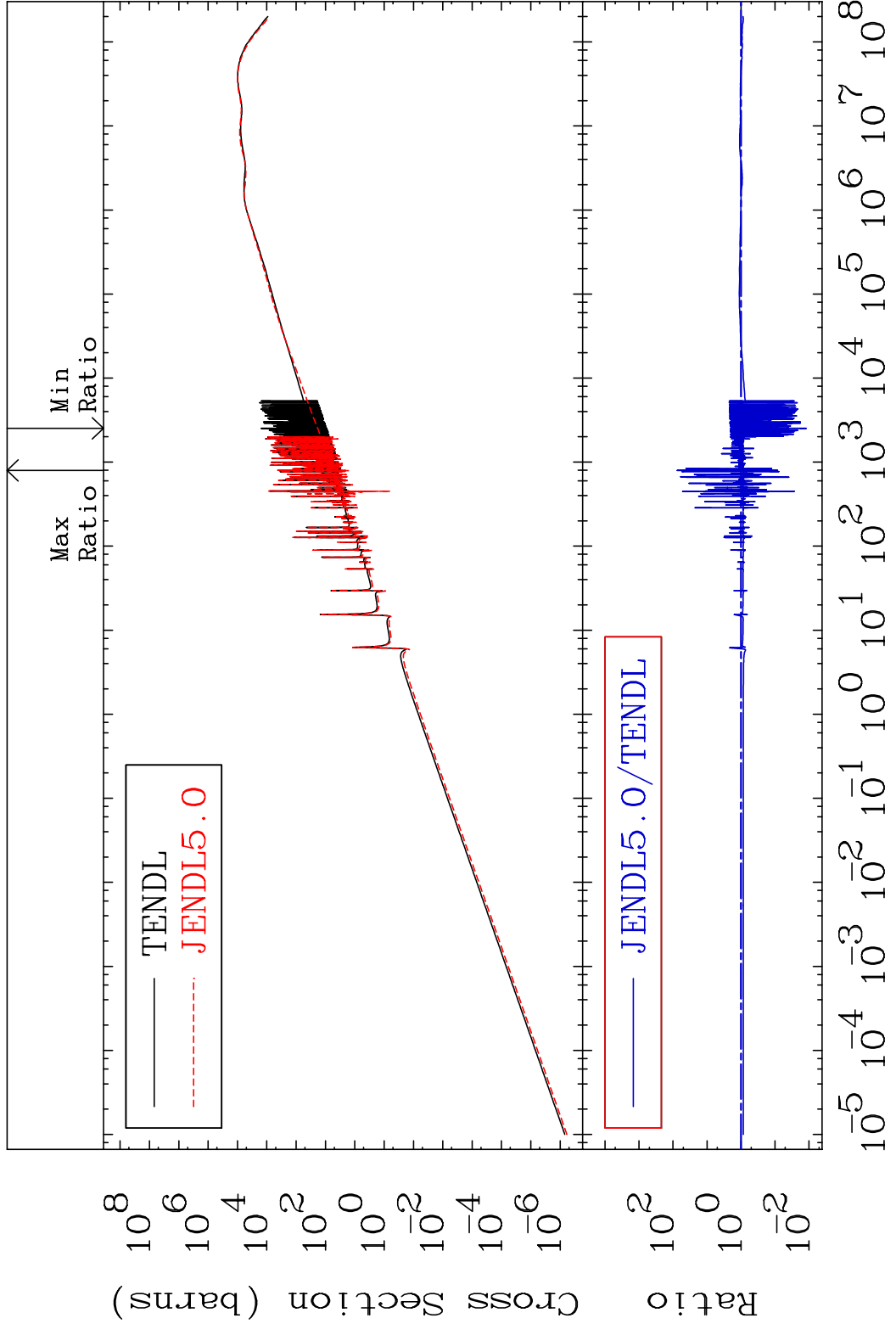
MAT 5125 Kerma total (eV-barns) 51-Sb-121  
Cross Section -9999. To 9999. %



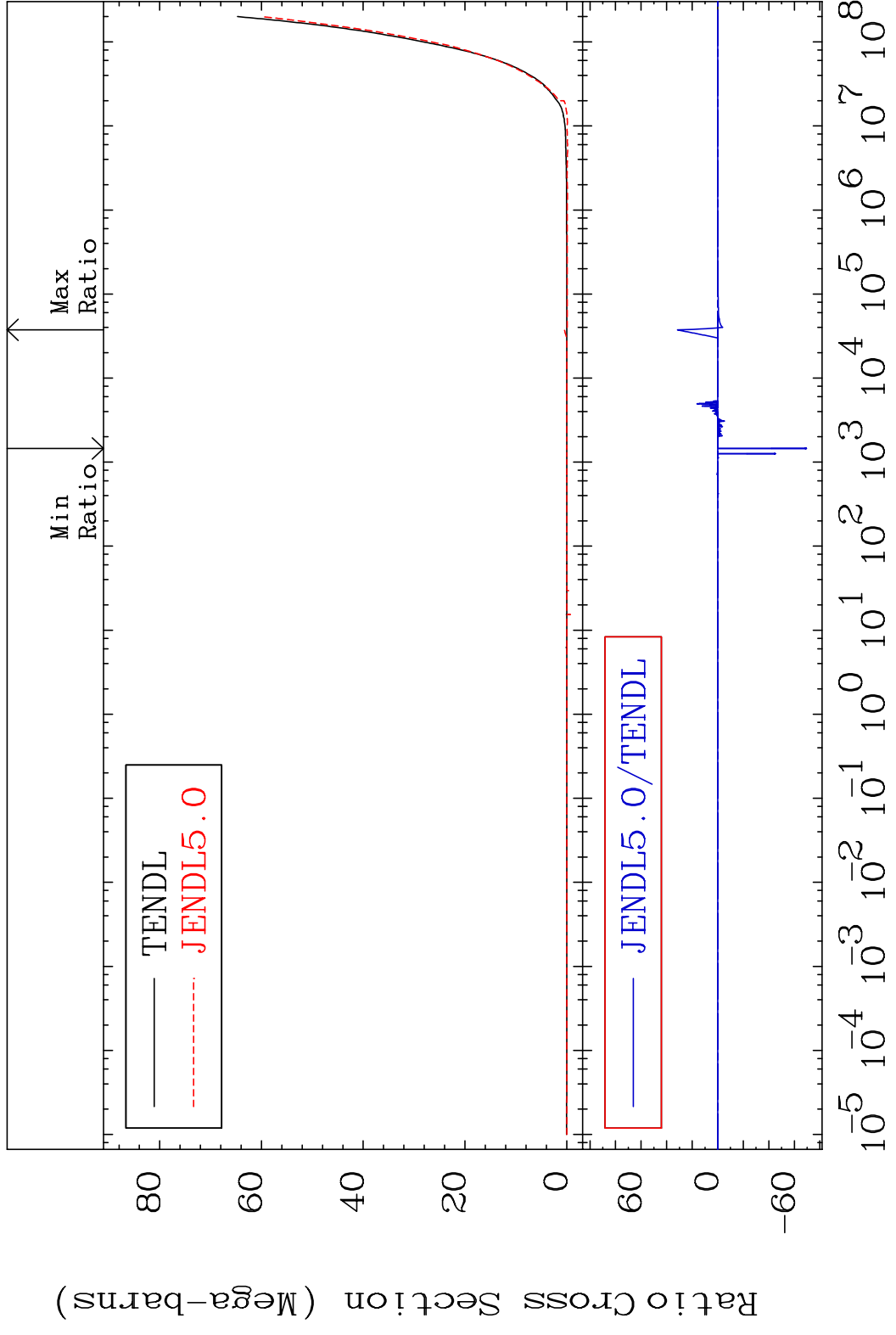
43 Incident Energy (eV) 51-Sb-121

MAT 5125

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

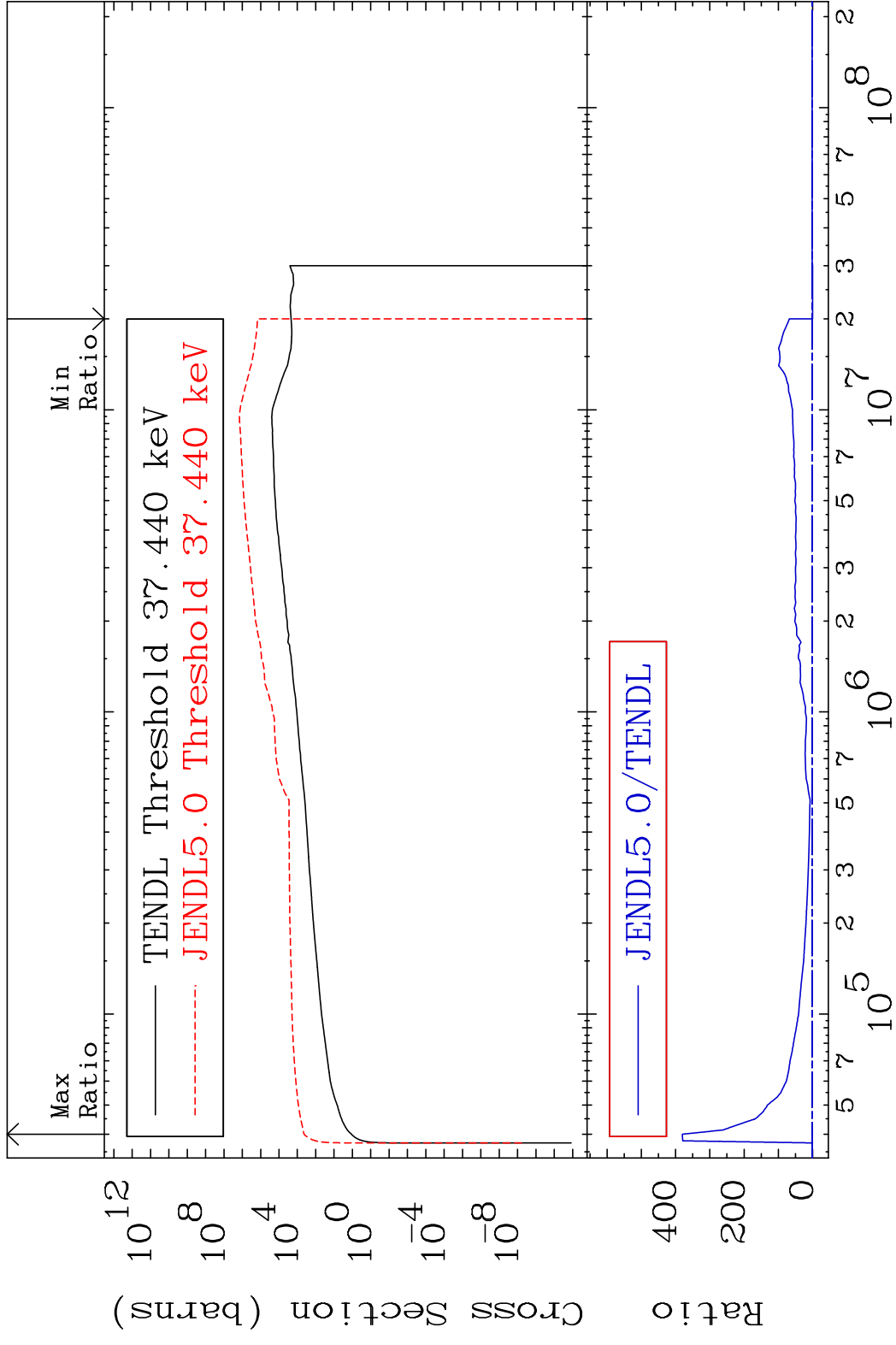


MAT 5125 Kerma non-elastic (all but mt2) 51-Sb-121  
Cross Section -9999. To 9999. %

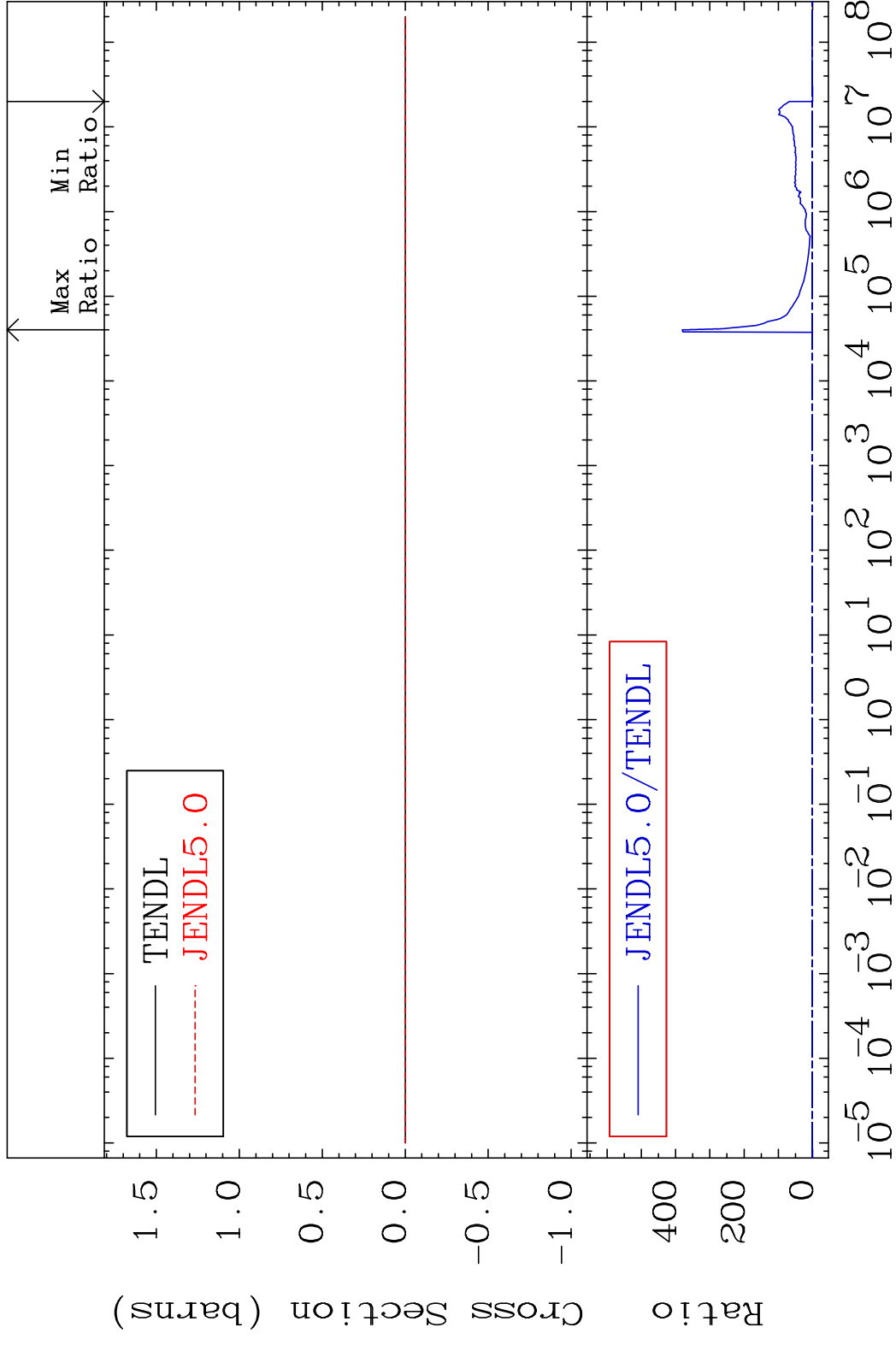


45 51-Sb-121

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

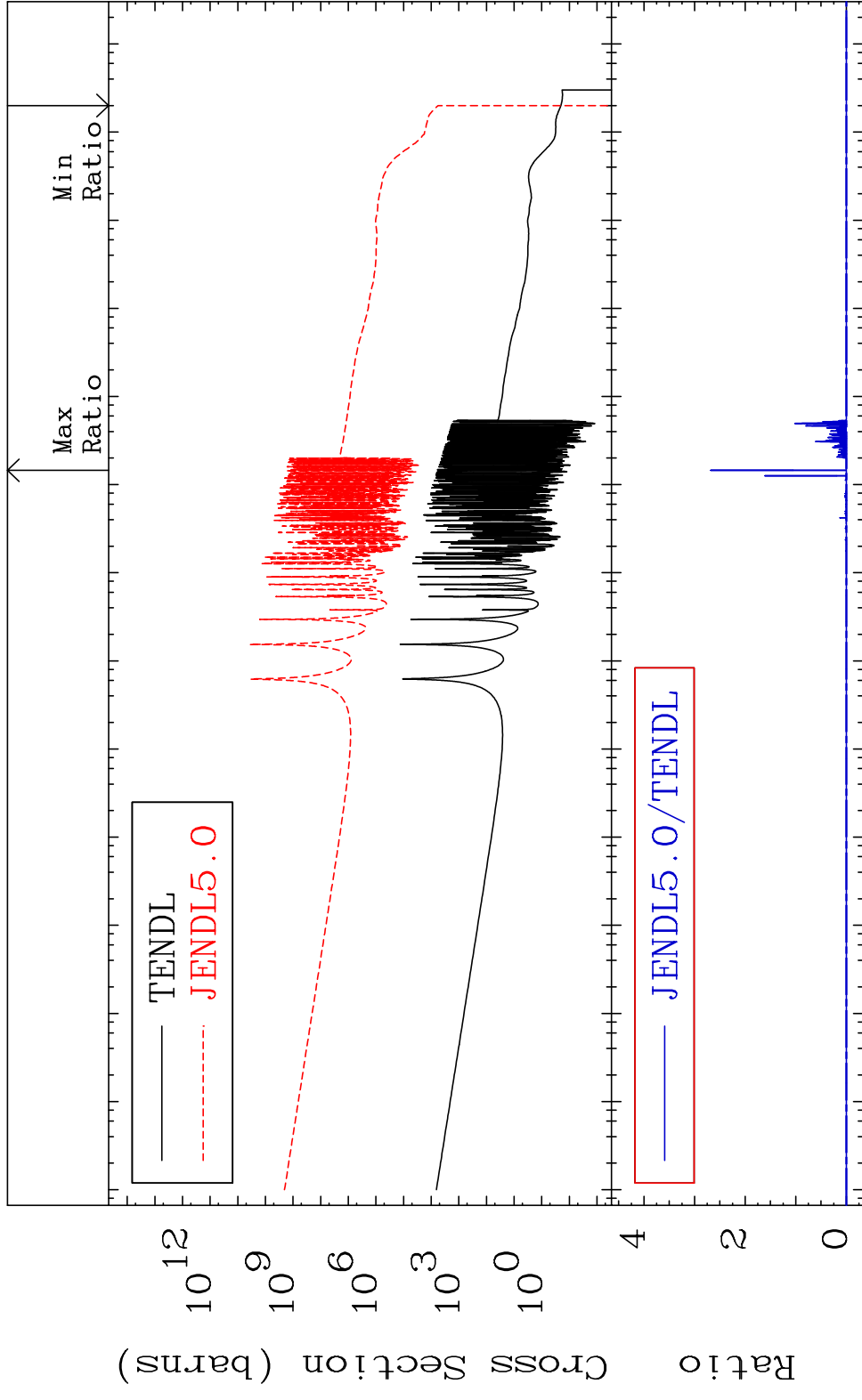


MAT 5125 Kerma fission (mt18 or mt19-20-21-38) 51-Sb-121  
 Cross Section -100.0 To 9999. %

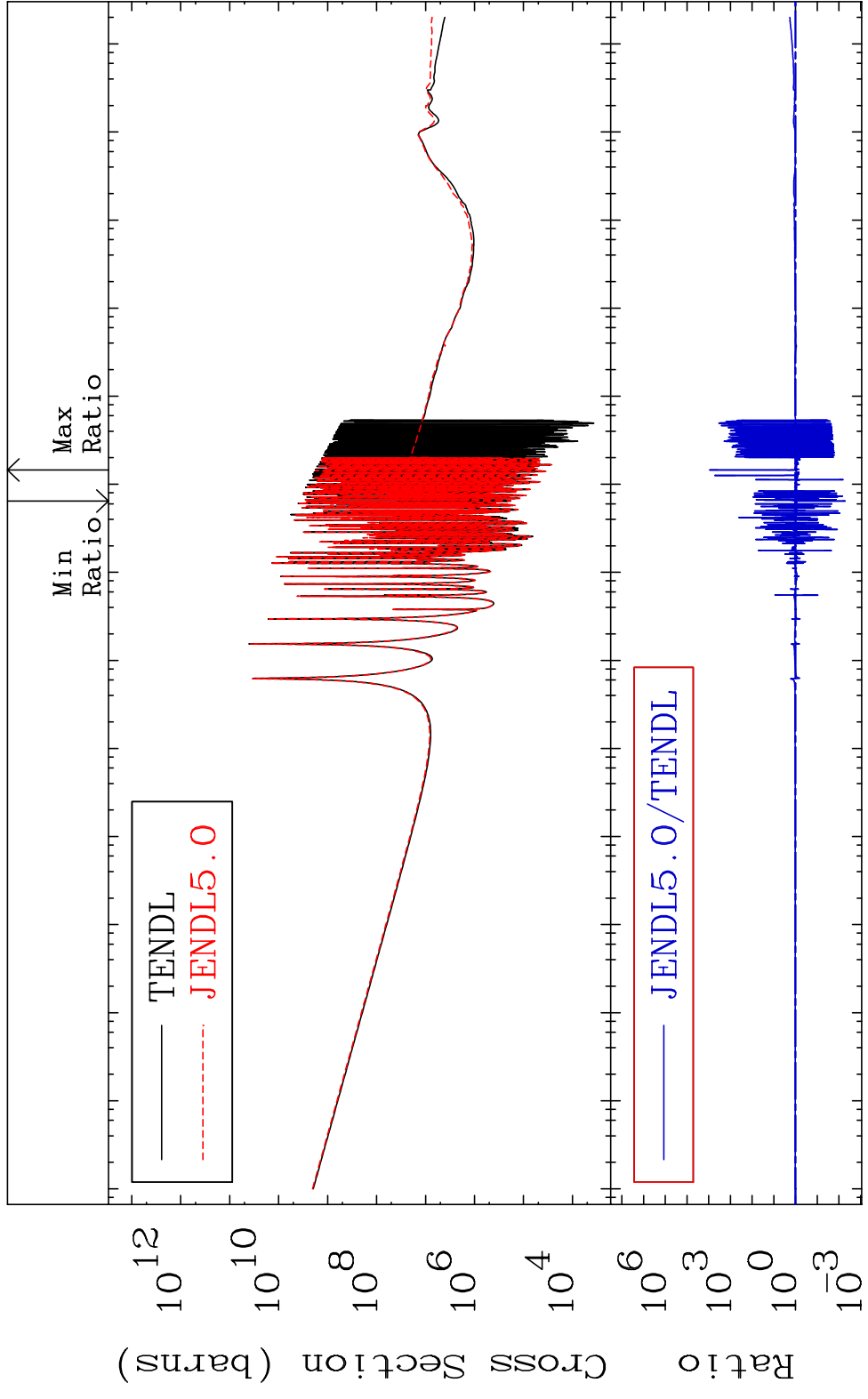




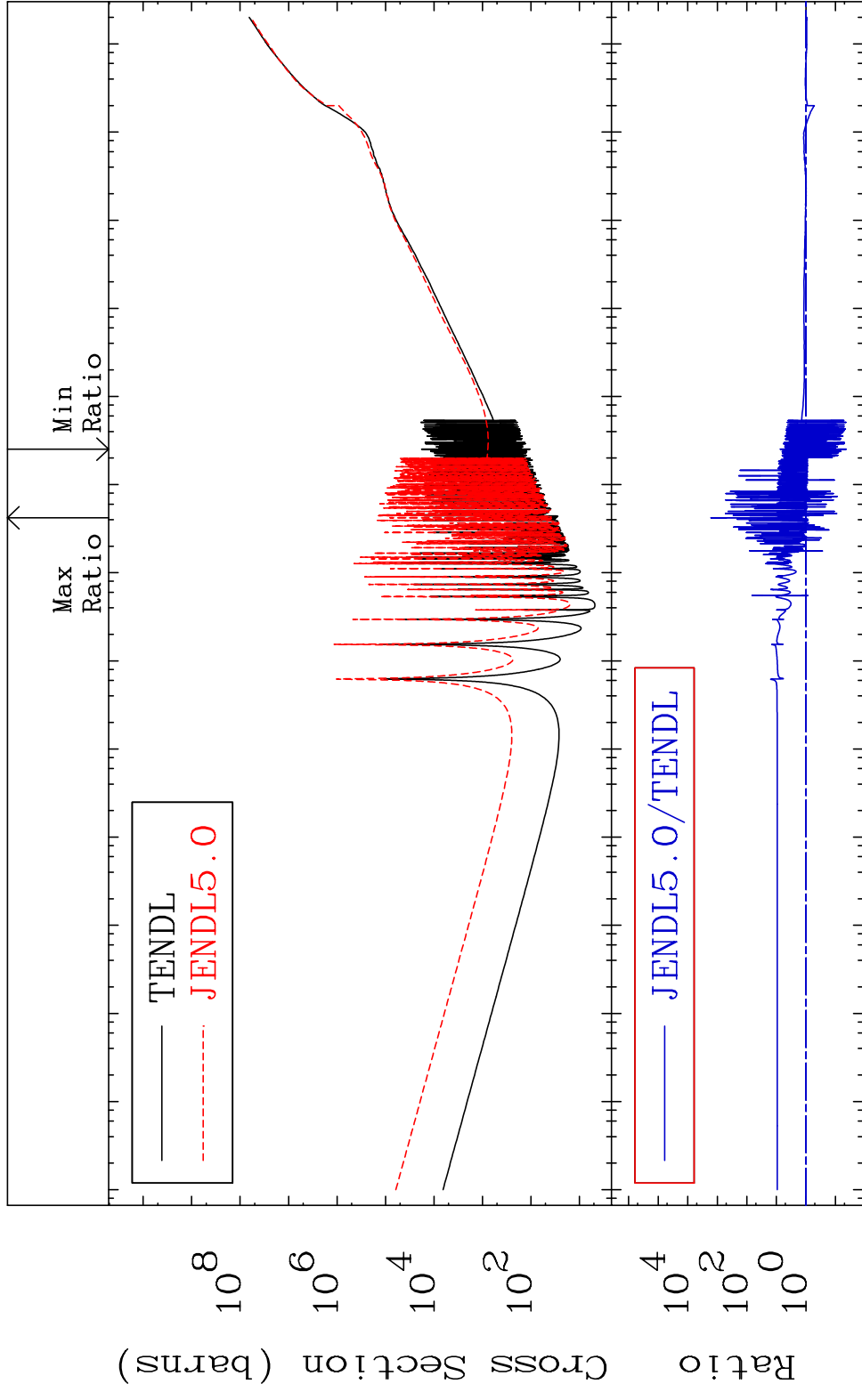
MAT 5125 Kerma capture (mt102) 51-Sb-121  
 Cross Section -100.0 To 9999. %



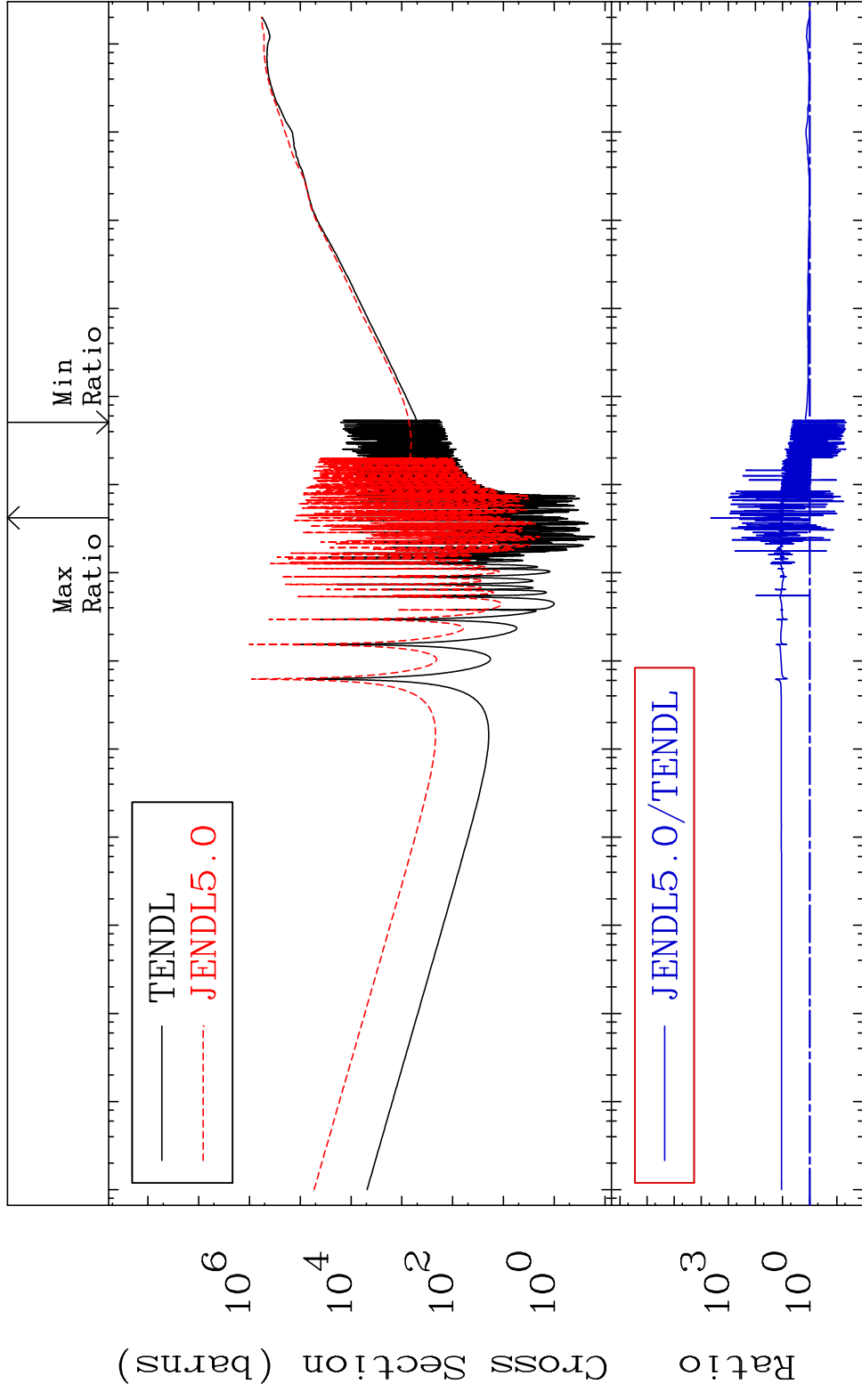
MAT 5125 Total photon (eV-barns) 51-Sb-121  
Cross Section -99.49 To 9999. %



MAT 5125 Total kinematic kerma (high limit) 51-Sb-121  
 Cross Section -95.68 To 9999. %



MAT 5125      Dpa total (eV-barns)      51-Sb-121  
 Cross Section      -95.55 To 9999. %



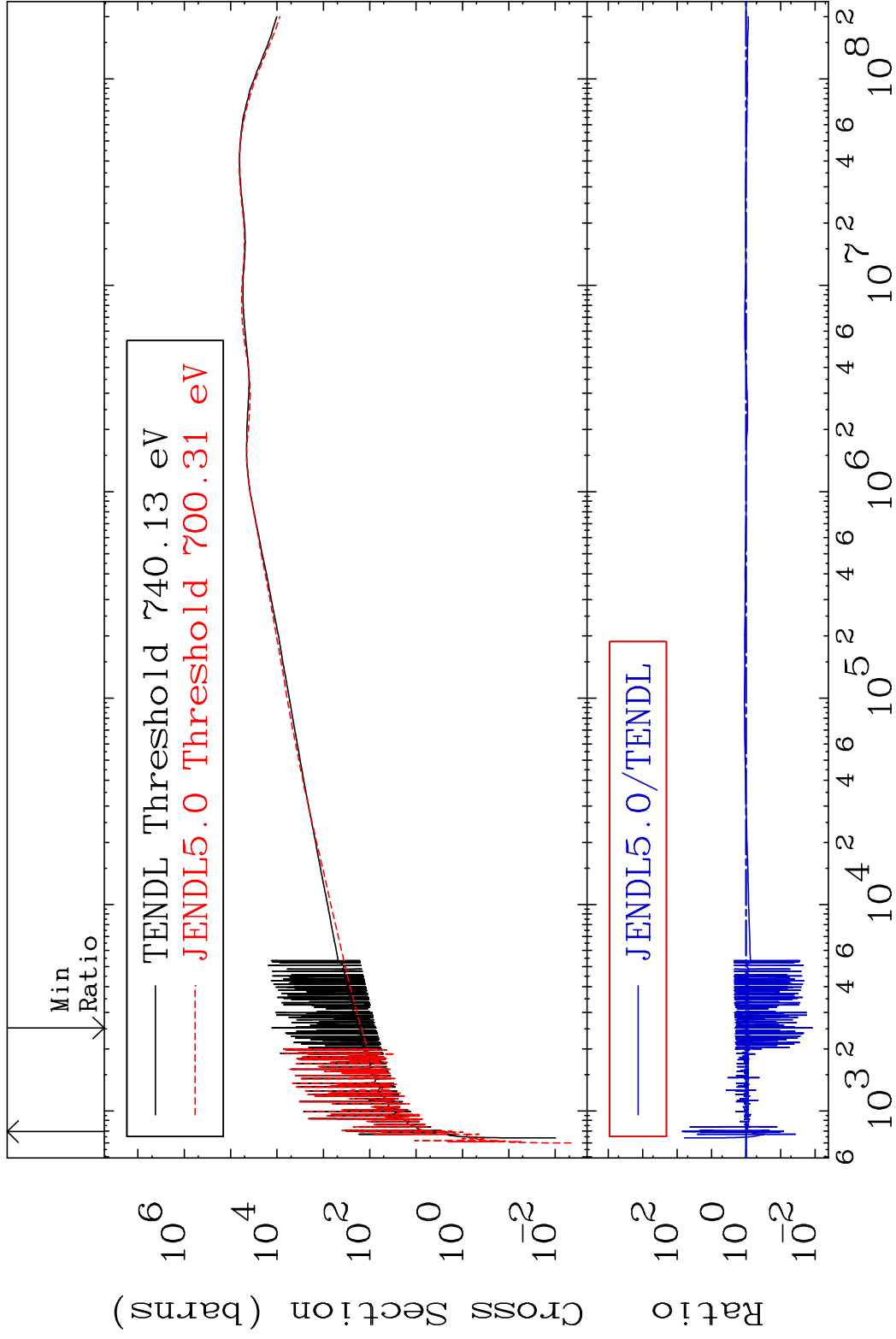
51      Incident Energy (eV)      51-Sb-121

MAT 5125

Dpa elastic (mt2)

51-Sb-121

Cross Section -98.82 To 6974. %

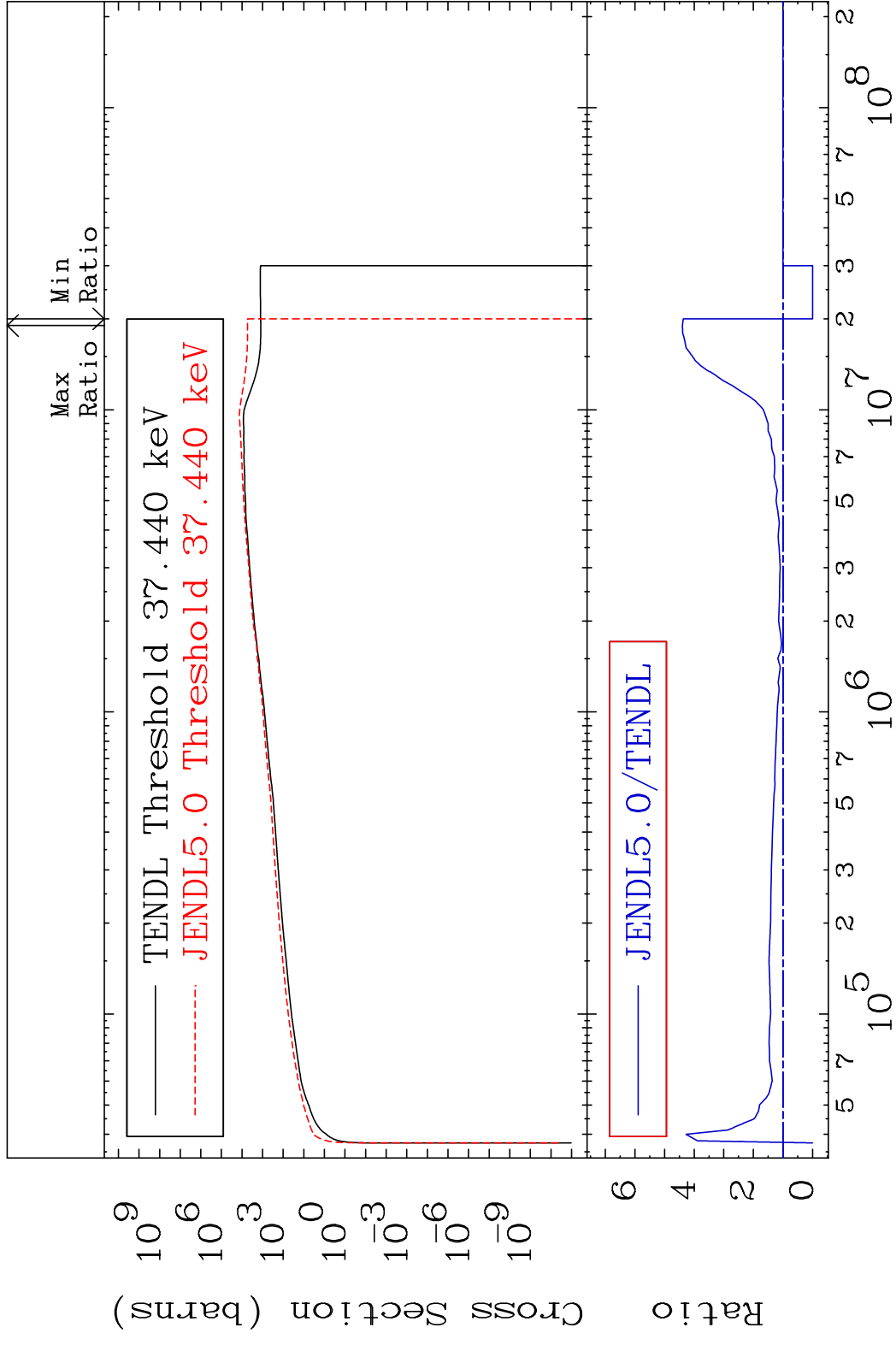


52

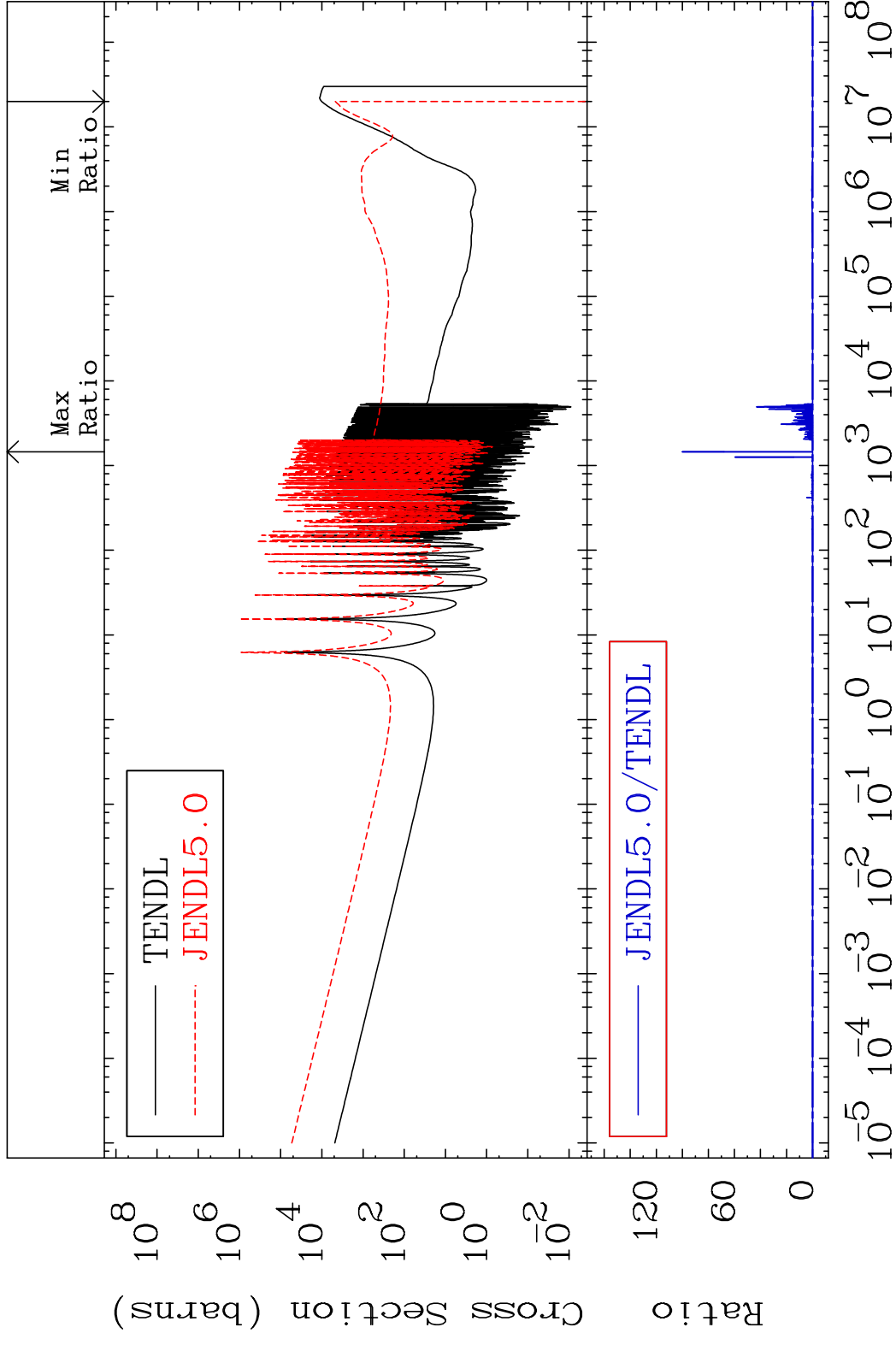
Incident Energy (eV)

51-Sb-121

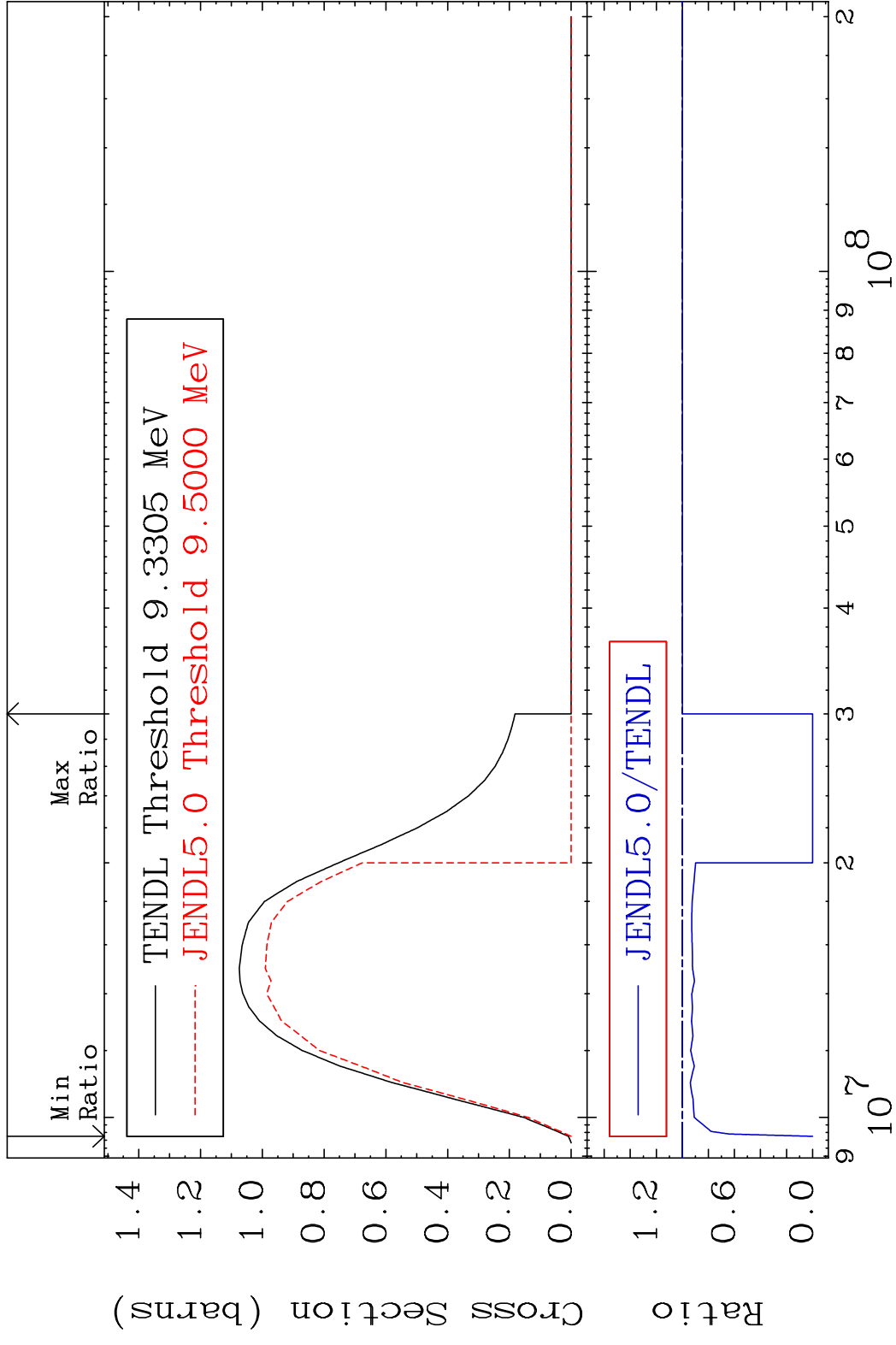
MAT 5125 Dpa inelastic (mt51-91) 51-Sb-121  
 Cross Section -100.0 To 339.9 %



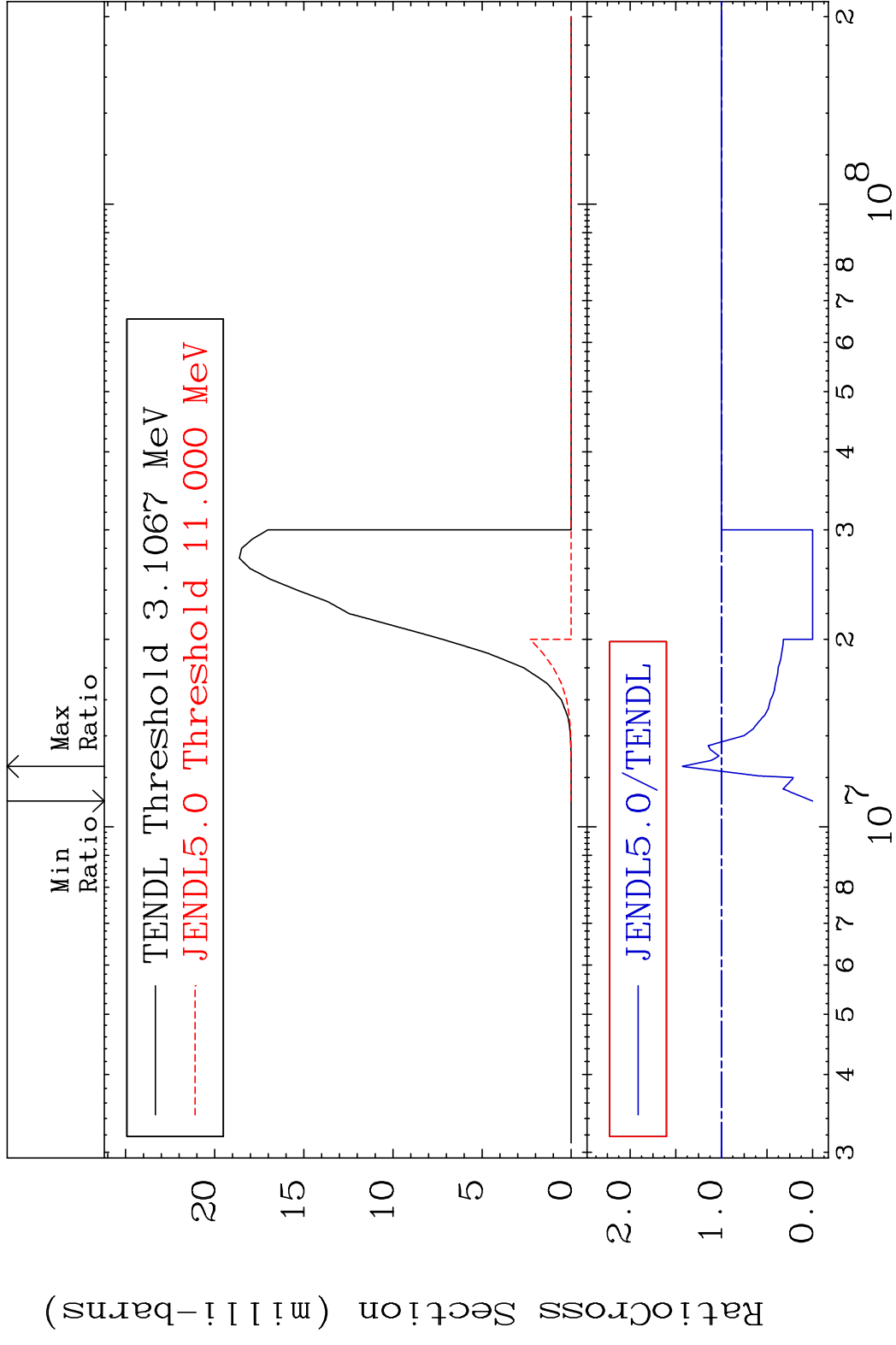
MAT 5125 Dpa disappearance (mt102 -120) 51-Sb-121  
 Cross Section -100.0 To 9999. %



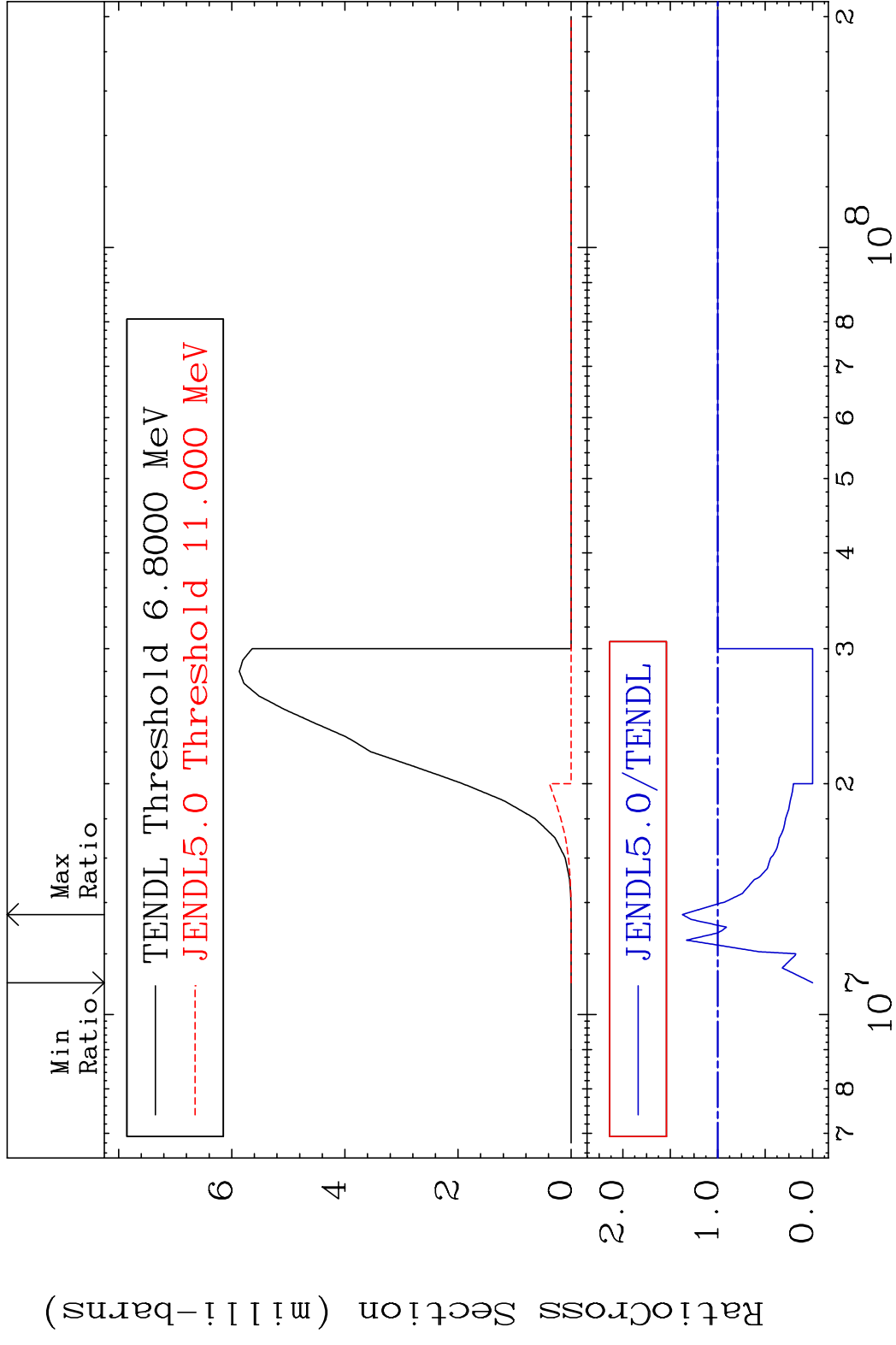
MAT 5125 (n,2n):51-Sb-120g 51-Sb-121  
 Radionuclide Production Cross Section 180.0 dth 0.000 %



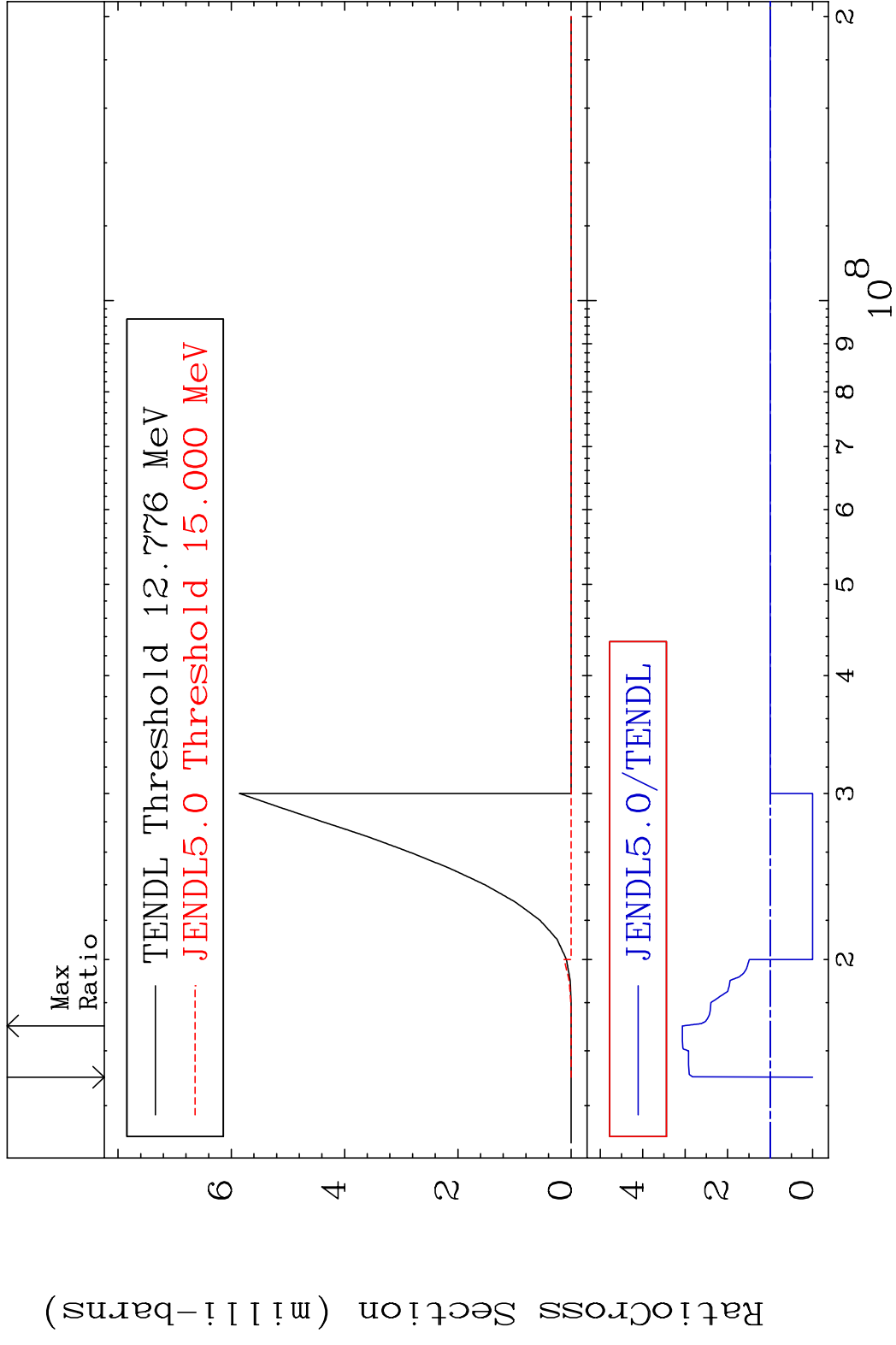


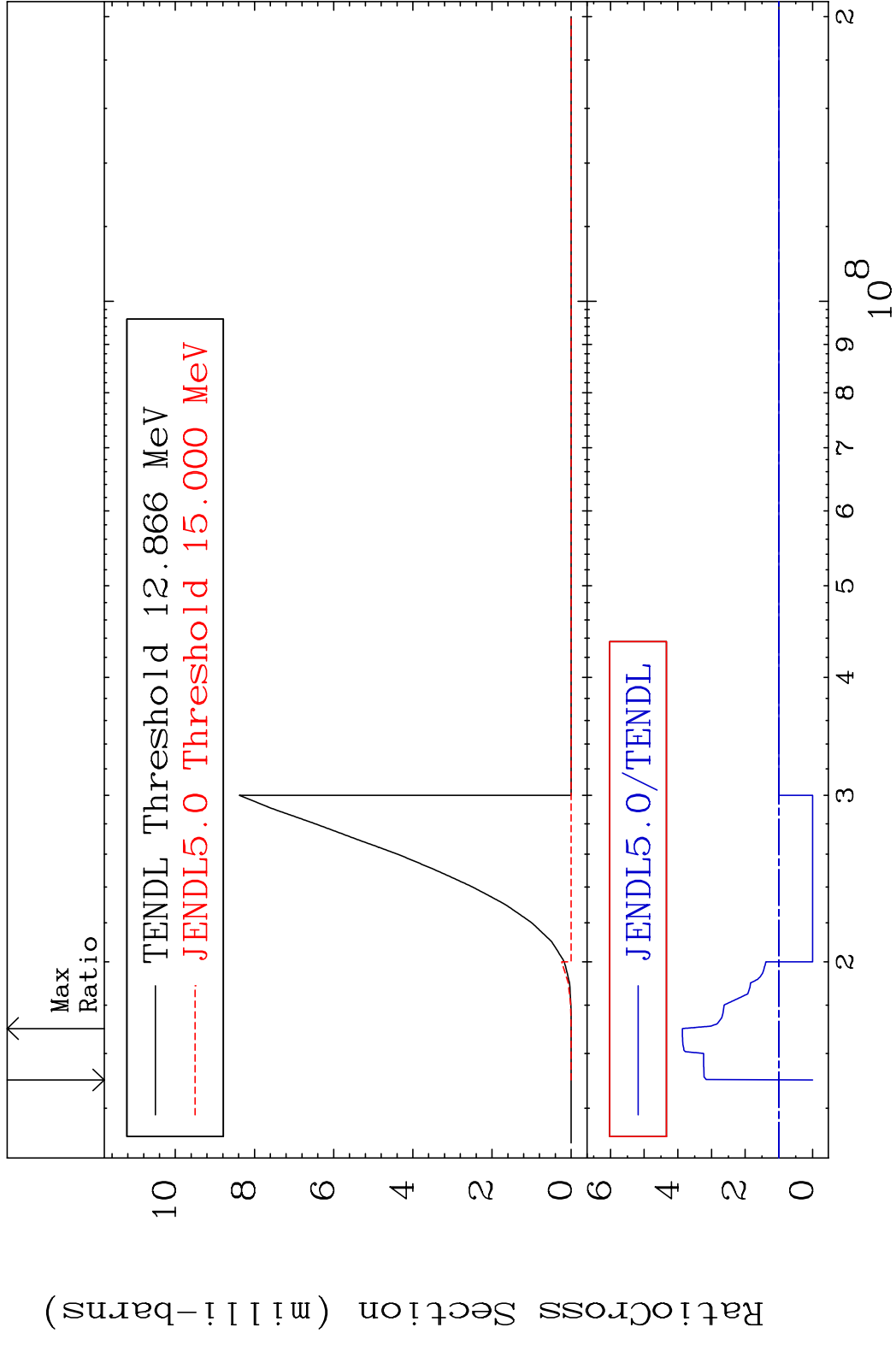


MAT 5125 (n, n')  $\alpha$ :49-In-117m1 51-Sb-121  
 Radionuclide Production Cross Section 37.28 %

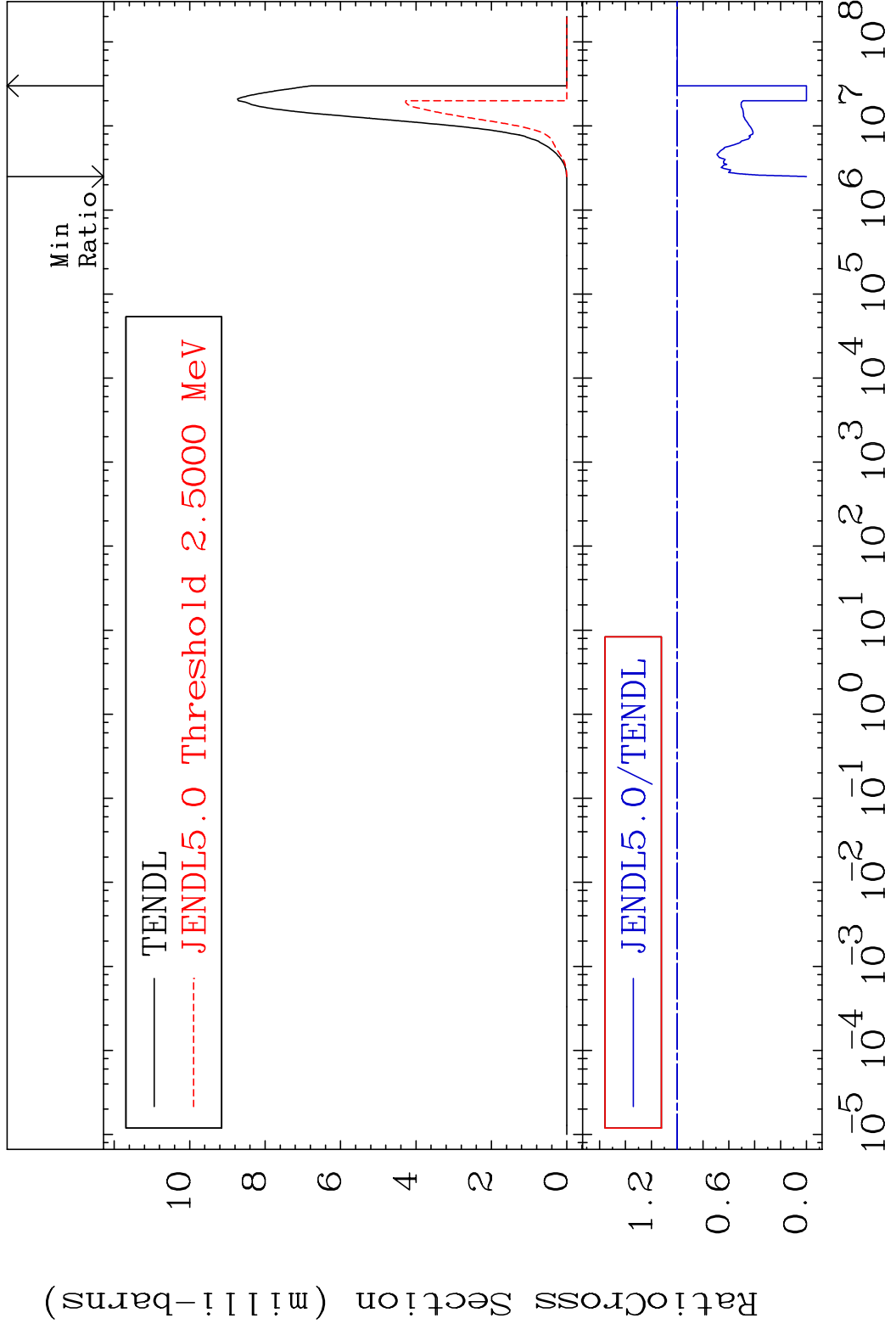


MAT 5125 (n, n') d:50-Sn-119g 51-Sb-121  
 Radionuclide Production Cross Section 180.0 dth 206.7 %

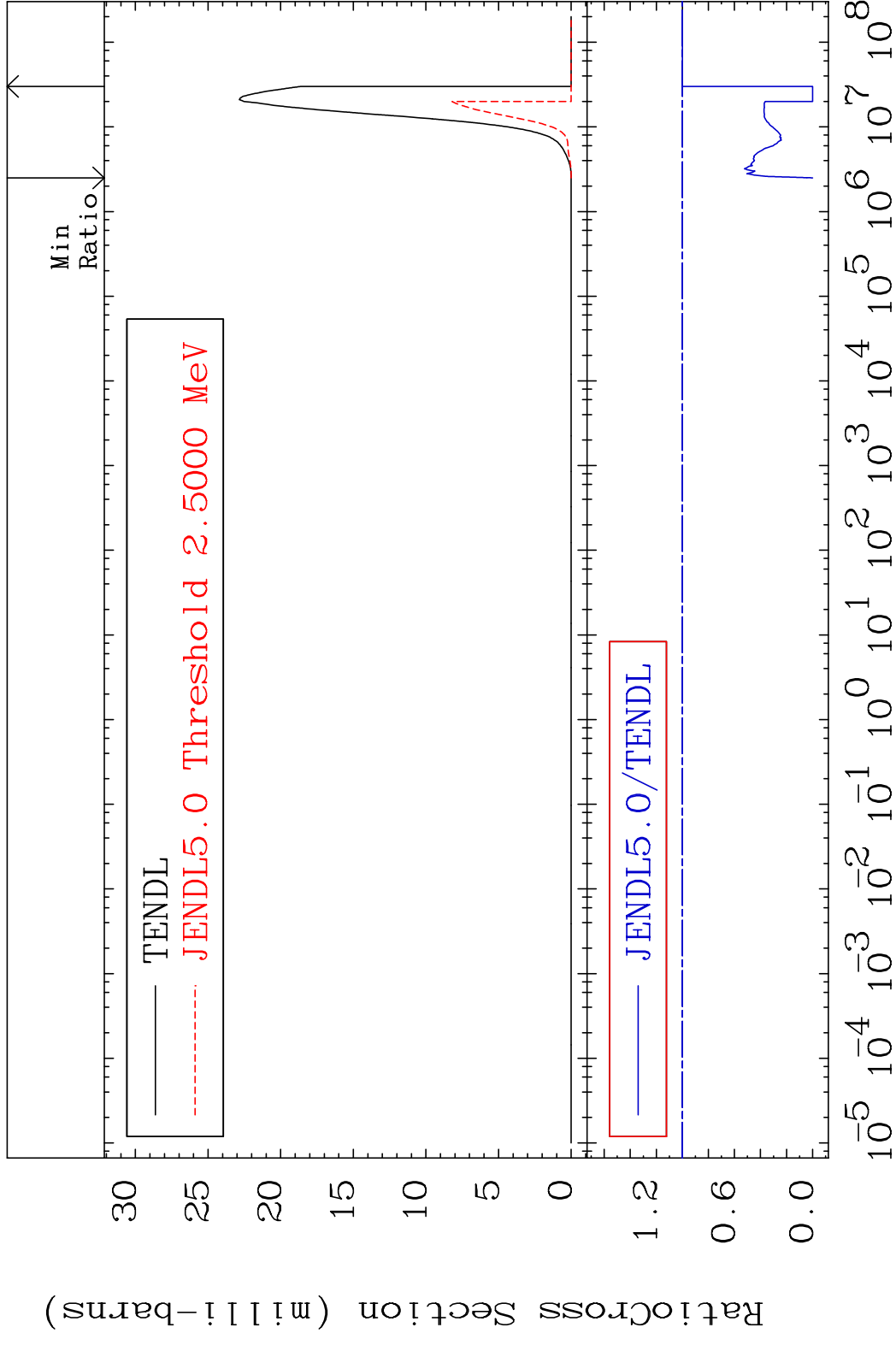




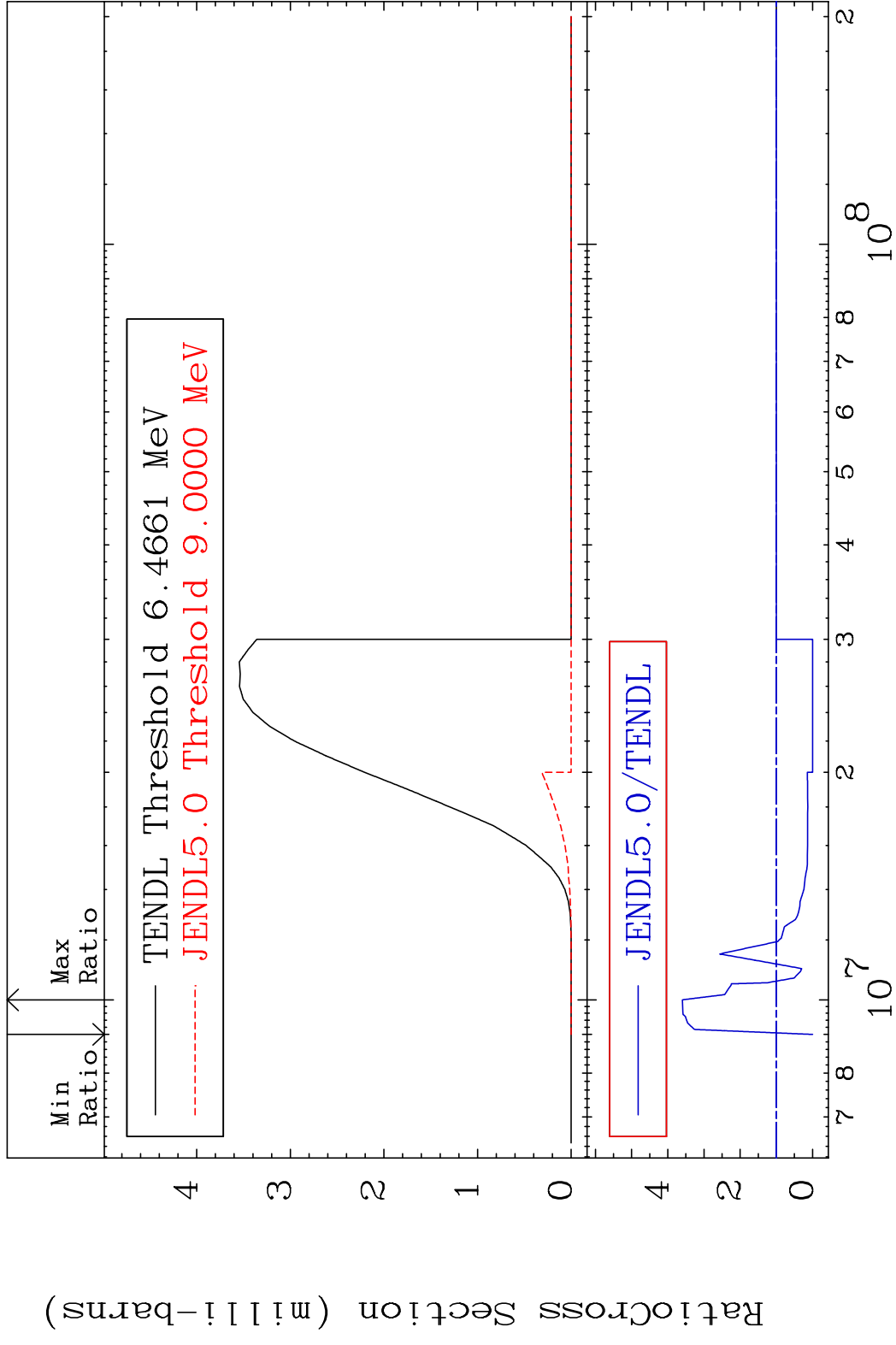
MAT 5125 (n,p):50-Sn-121 51-Sb-121  
 Radionuclide Production Cross Section 100.00 %  
 Relative Error 0.000 %



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

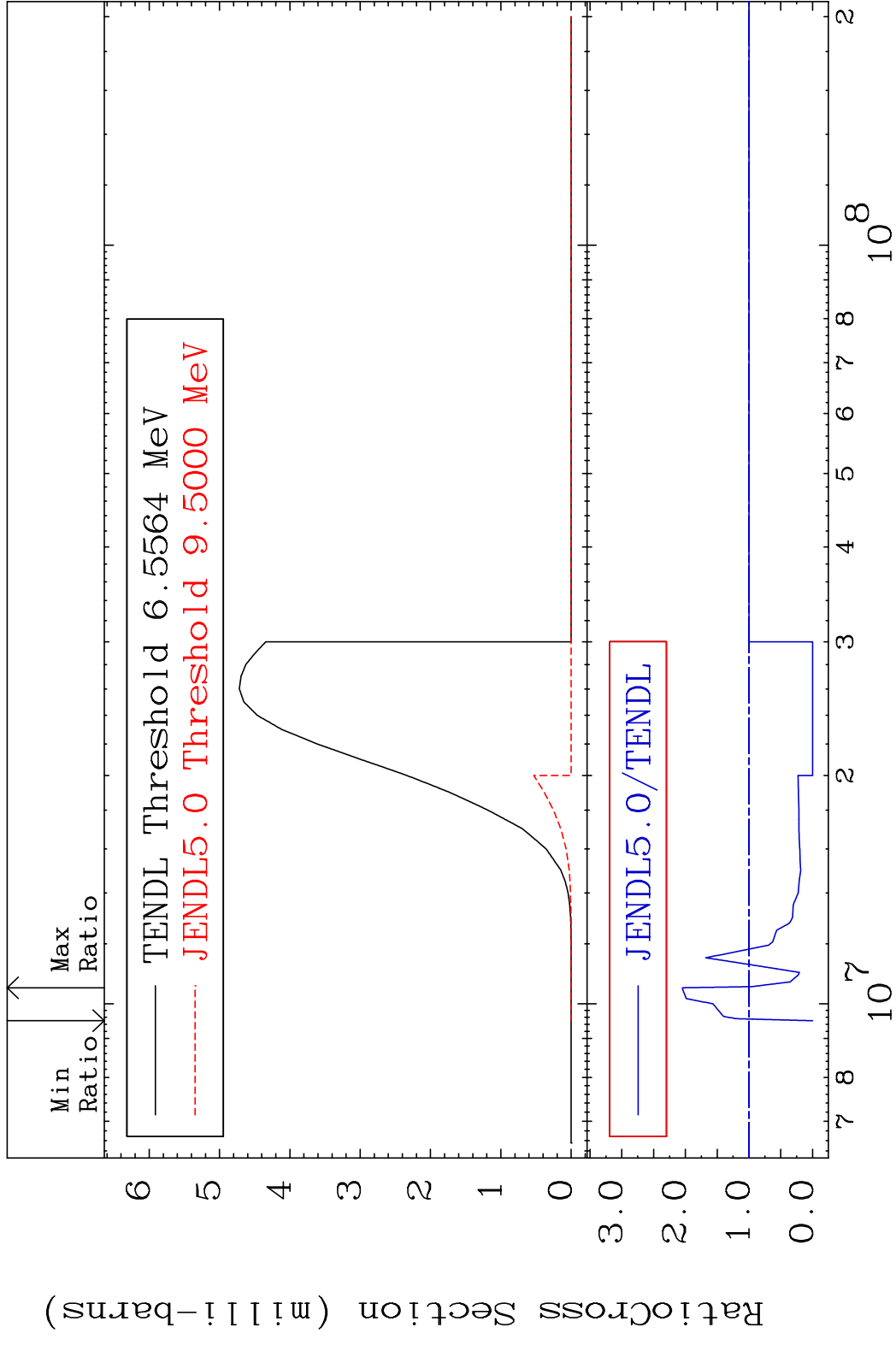


MAT 5125 (n, t):50-Sn-119g 51-Sb-121  
 Radionuclide Production Cross Section 180.01 dth 259.8 %

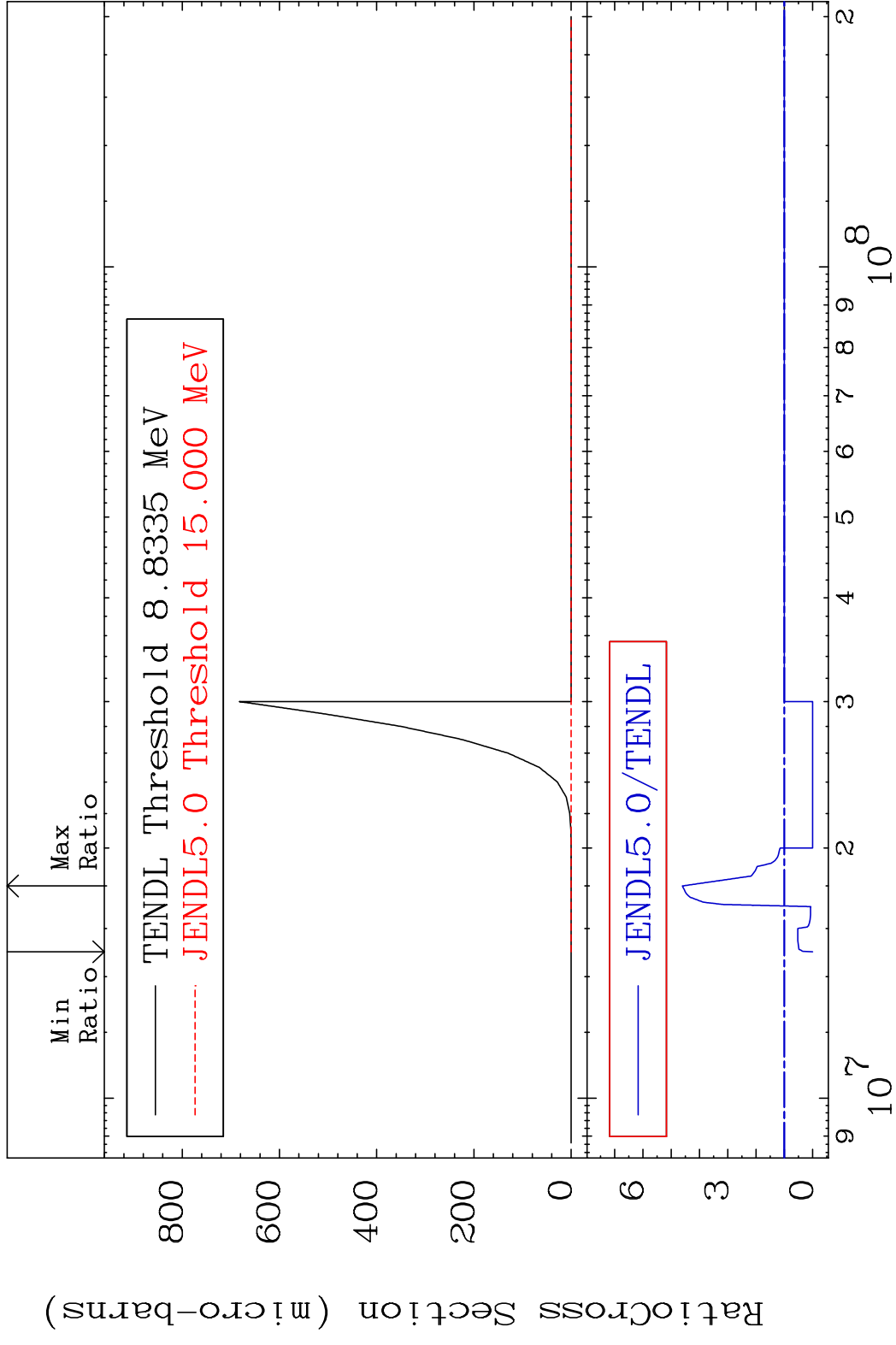


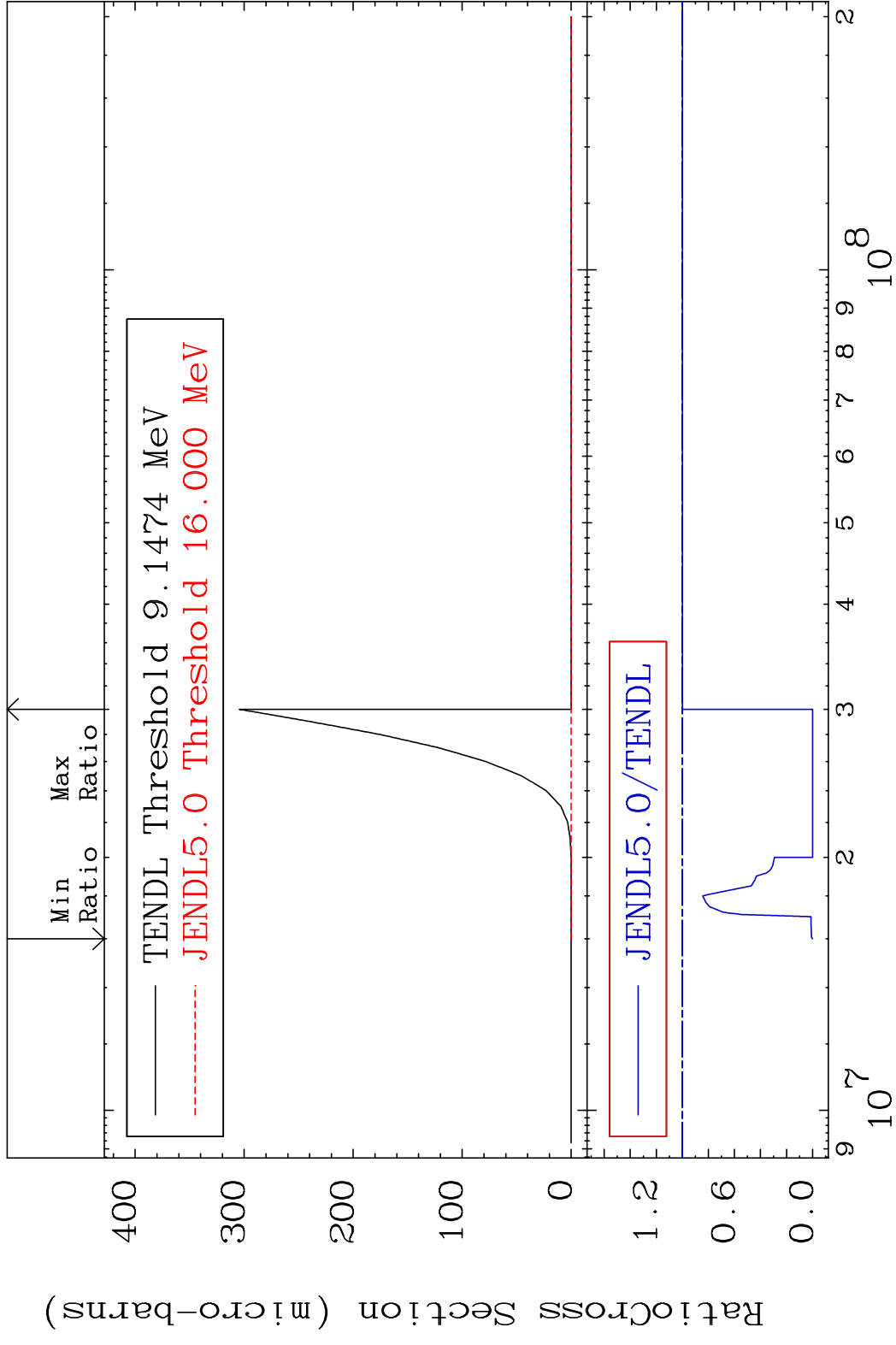
62 Incident Energy (eV) 51-Sb-121

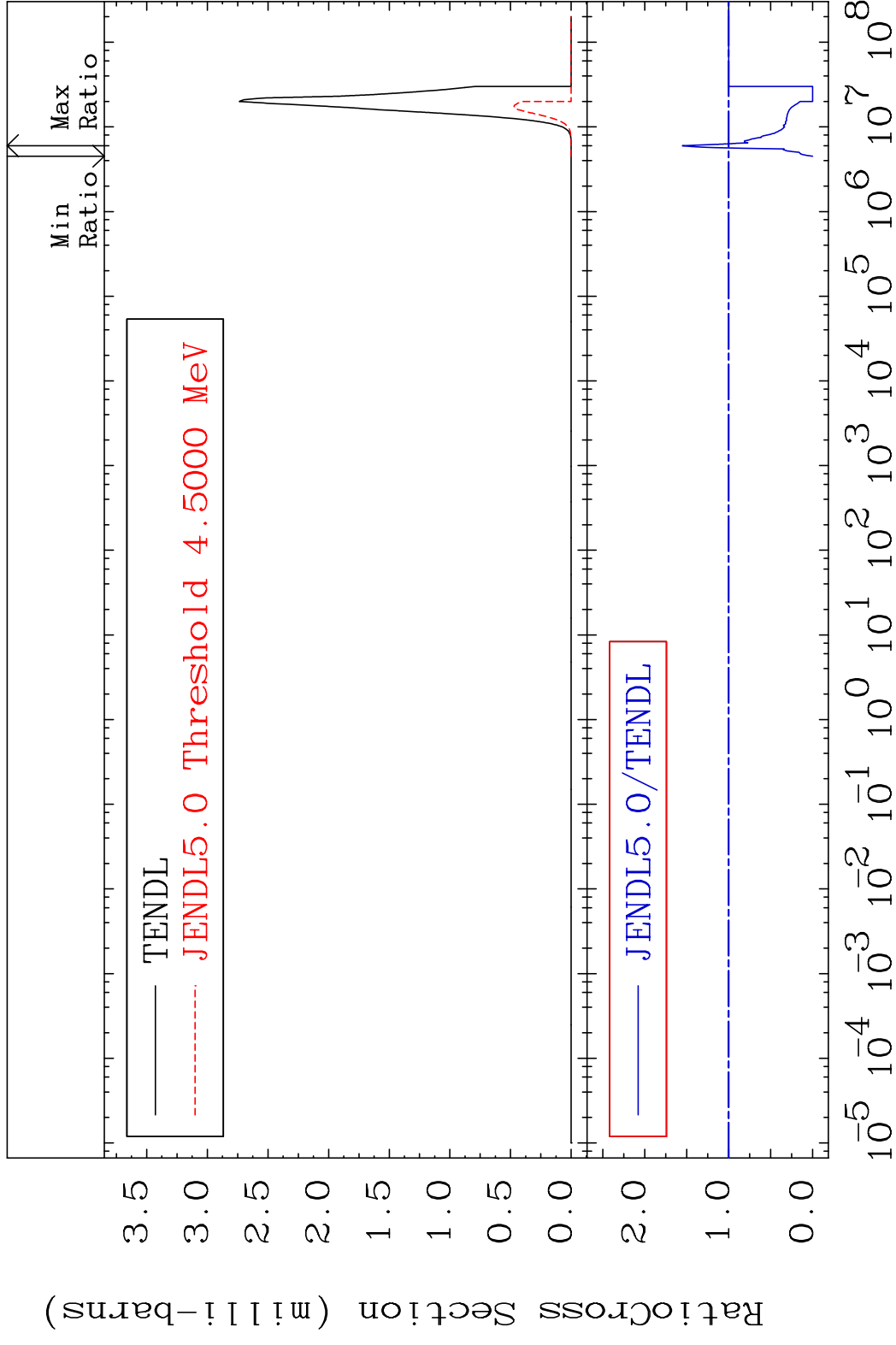
MAT 5125 (n, t):50-Sn-119m2 51-Sb-121  
 Radionuclide Production Cross Section 100.0 %  
 Ratio 104.8 %



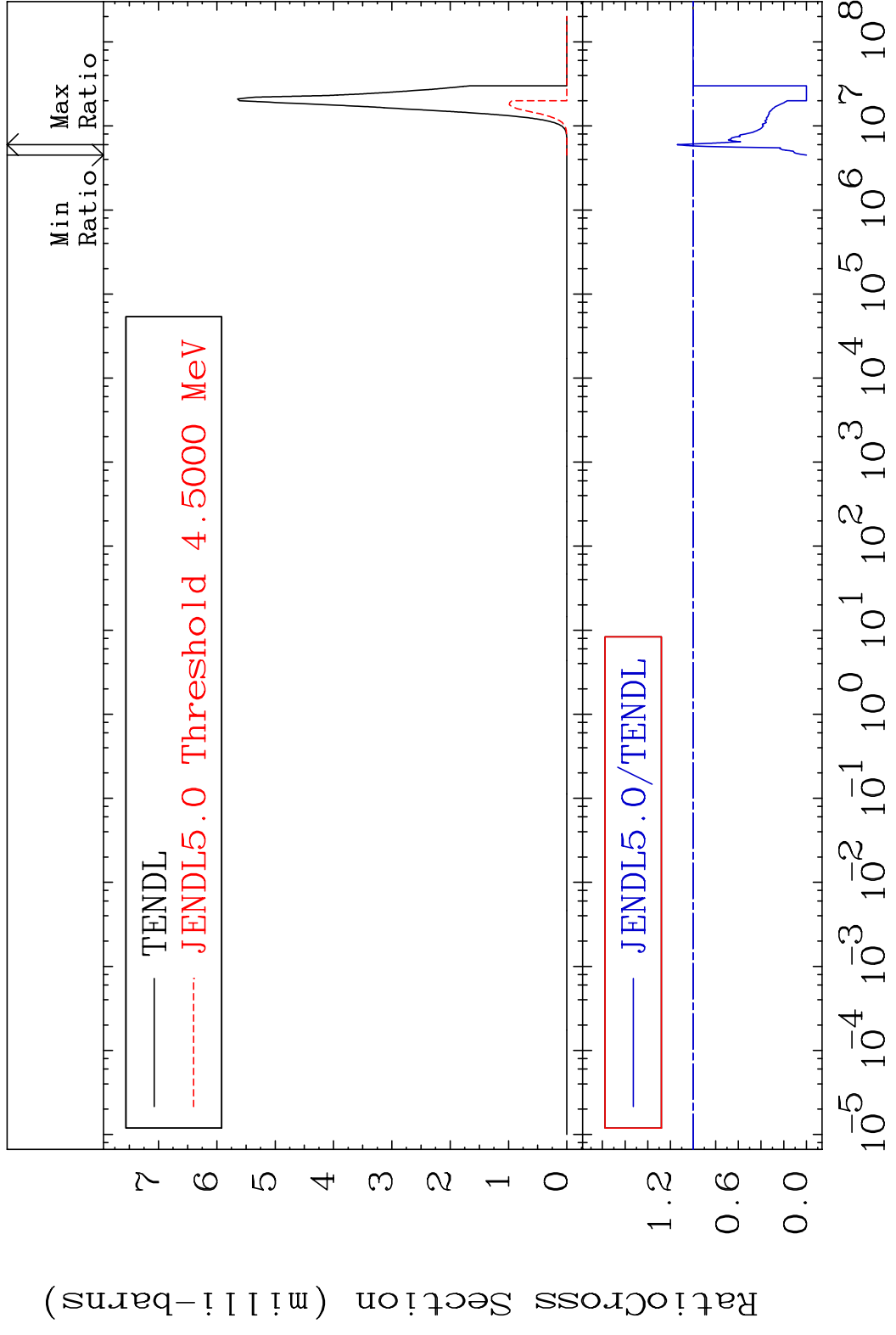








MAT 5125 (n,  $\alpha$ ): 49-In-118m1 51-Sb-121  
 Radionuclide Production Cross Section Ratio 14.02 %



MAT 5125 (n,  $\alpha$ ): 49-In-118m3 51-Sb-121  
 Radionuclide Production Cross Section 180.6 %

