

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

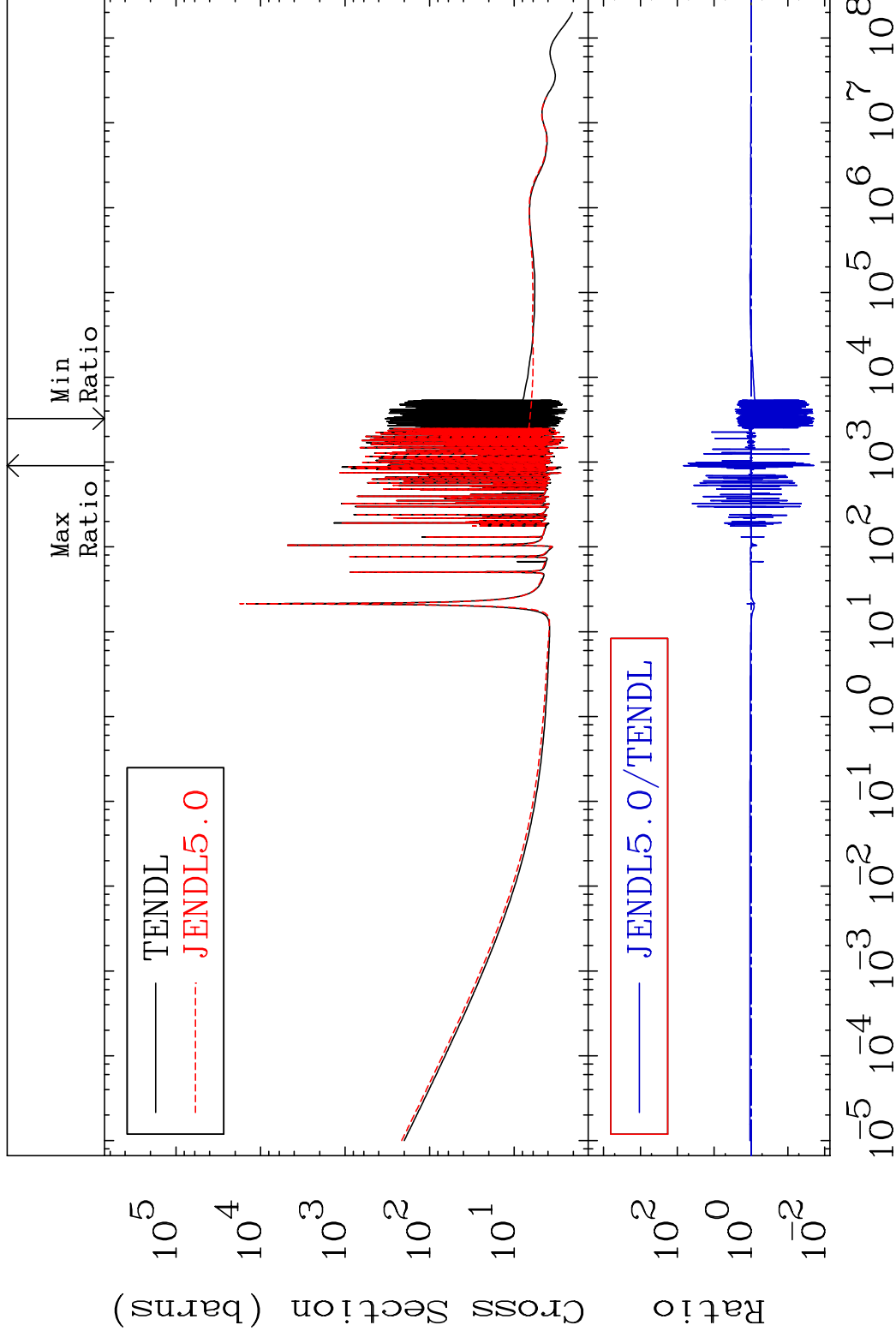
MAT 5131

Total

51-Sb-123

Cross Section

-98.06 To 6618. %



1

Incident Energy (eV)

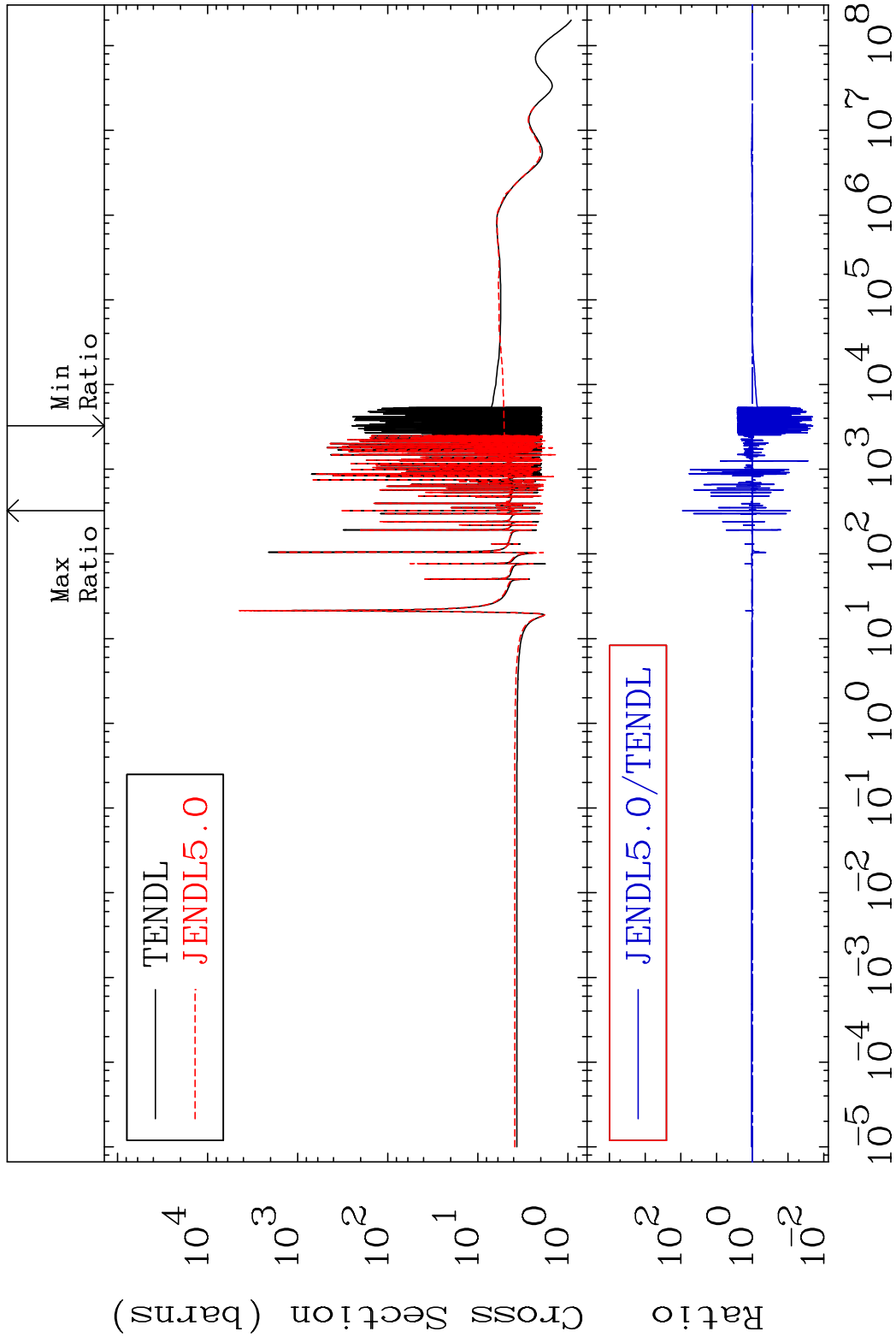
51-Sb-123

MAT 5131

Elastic

51-Sb-123

Cross Section -97.94 To 8998. %

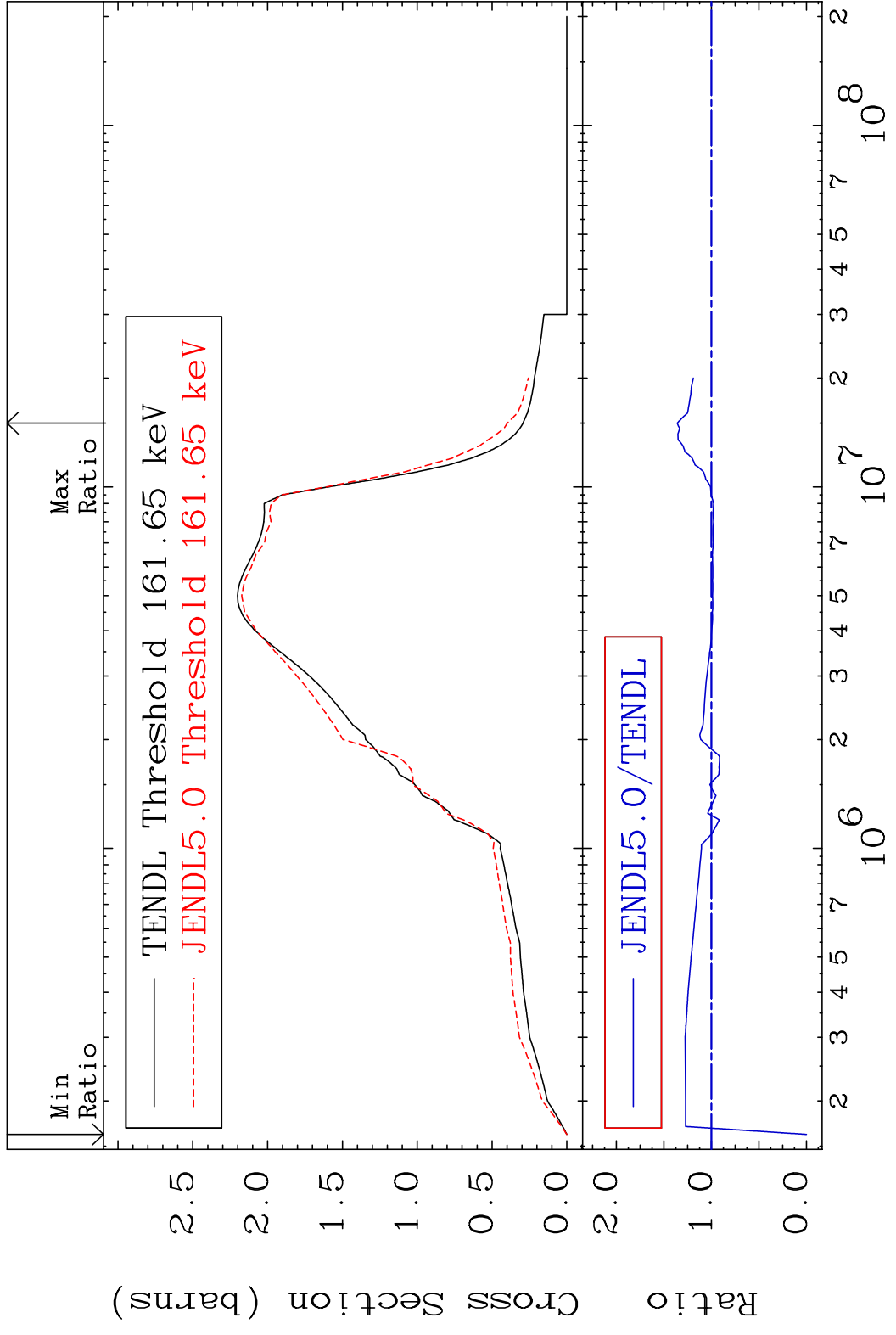


2

Incident Energy (eV)

51-Sb-123

MAT 5131 Inelastic 51-Sb-123  
 Cross Section -100.0 To 36.03 %

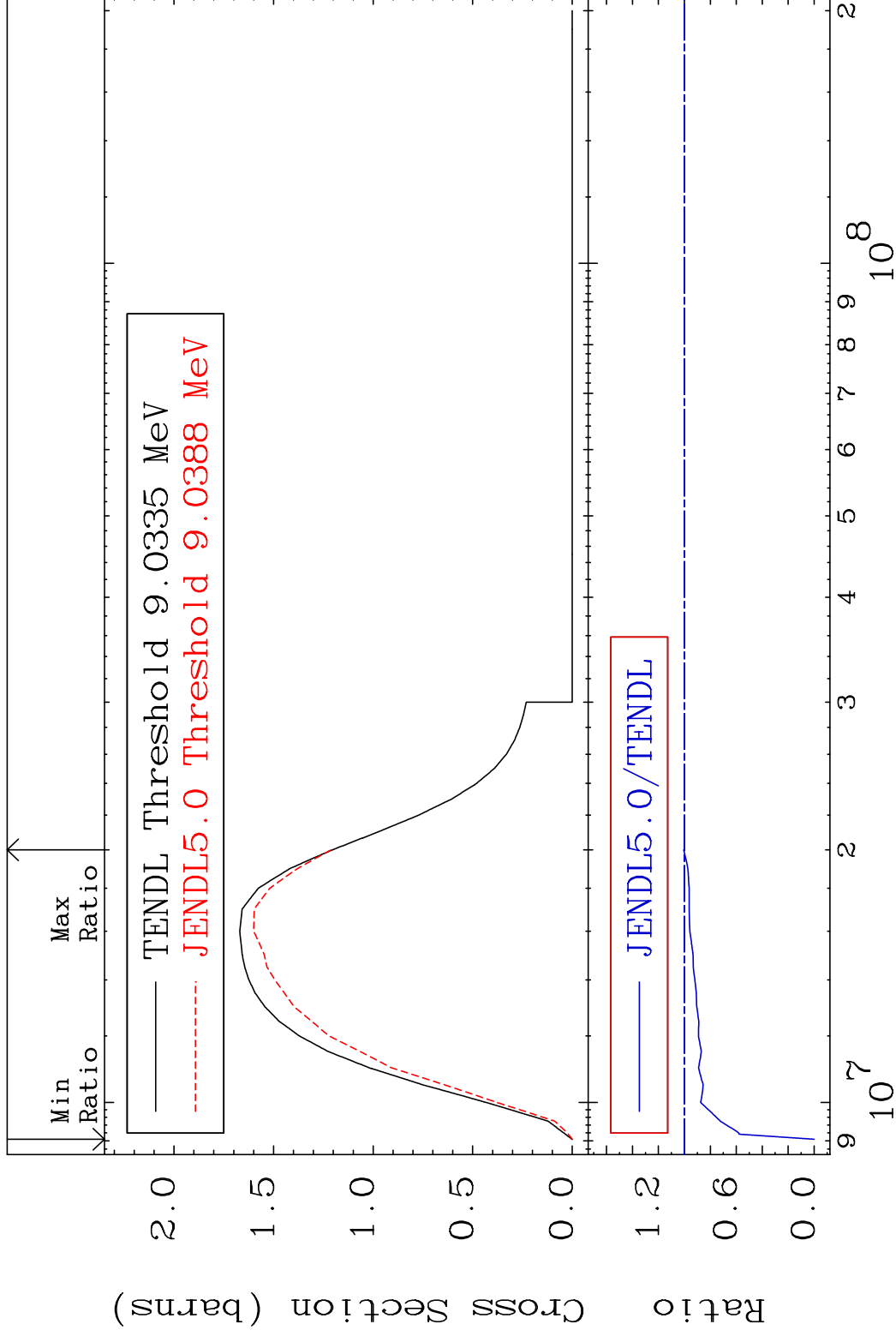


MAT 5131

(n,2n)

51-Sb-123

Cross Section -100.0 To 0.555 %



4

Incident Energy (eV)

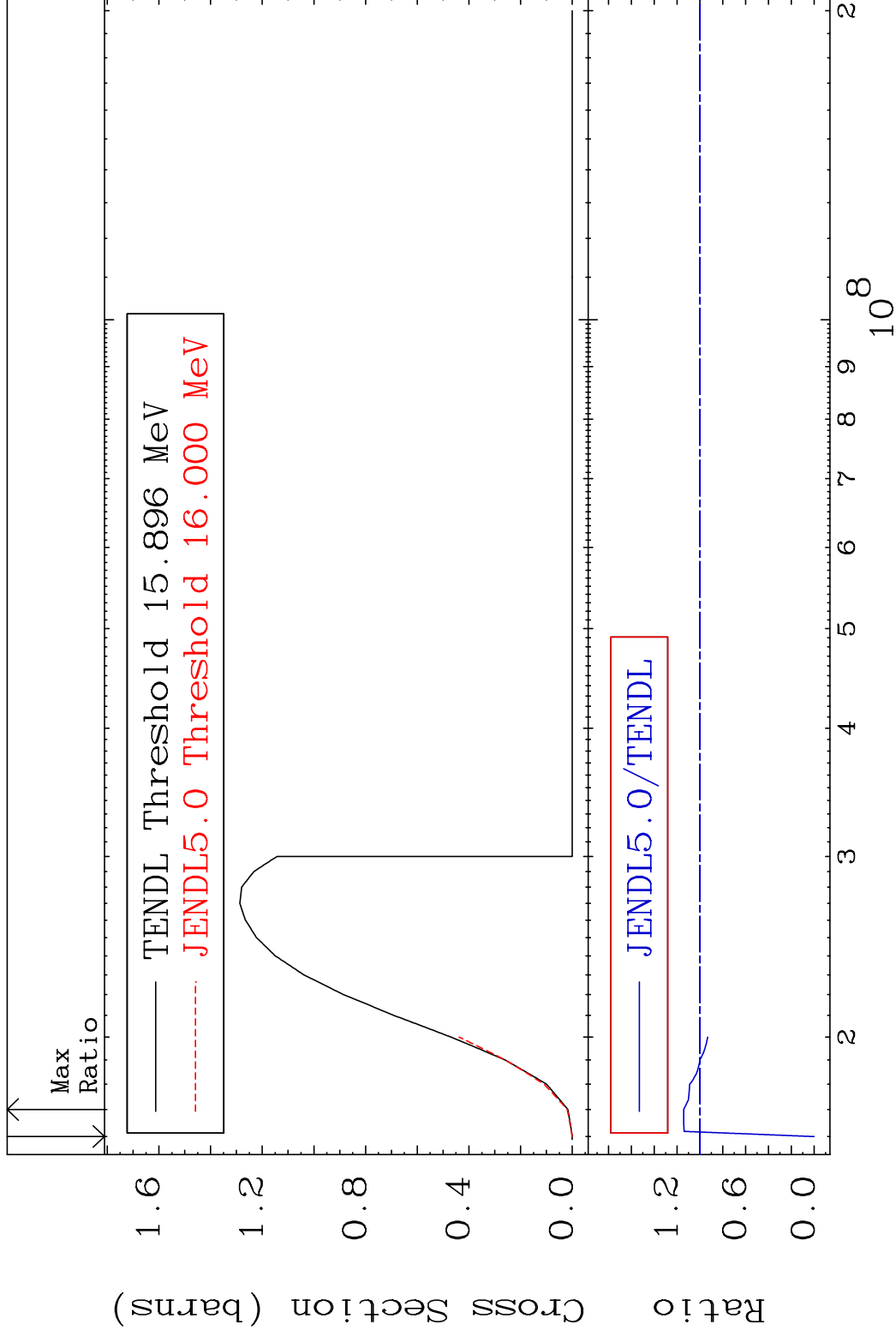
51-Sb-123

MAT 5131

(n,3n)

51-Sb-123

Cross Section -100.0 To 14.23 %



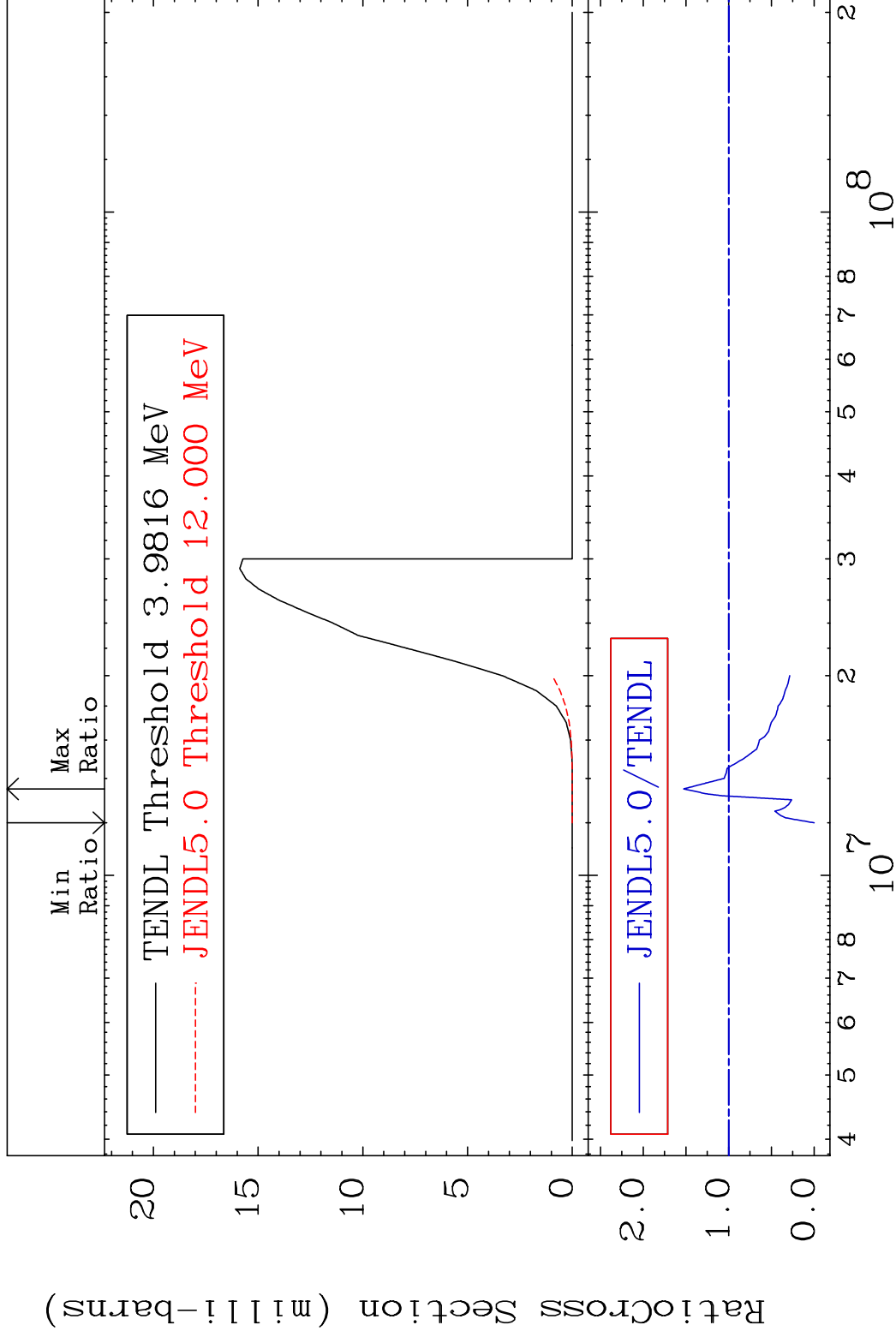
5

Incident Energy (eV)

51-Sb-123

MAT 5131

(n, n')  $\alpha$  51-Sb-123  
Cross Section -100.0 To 52.63 %



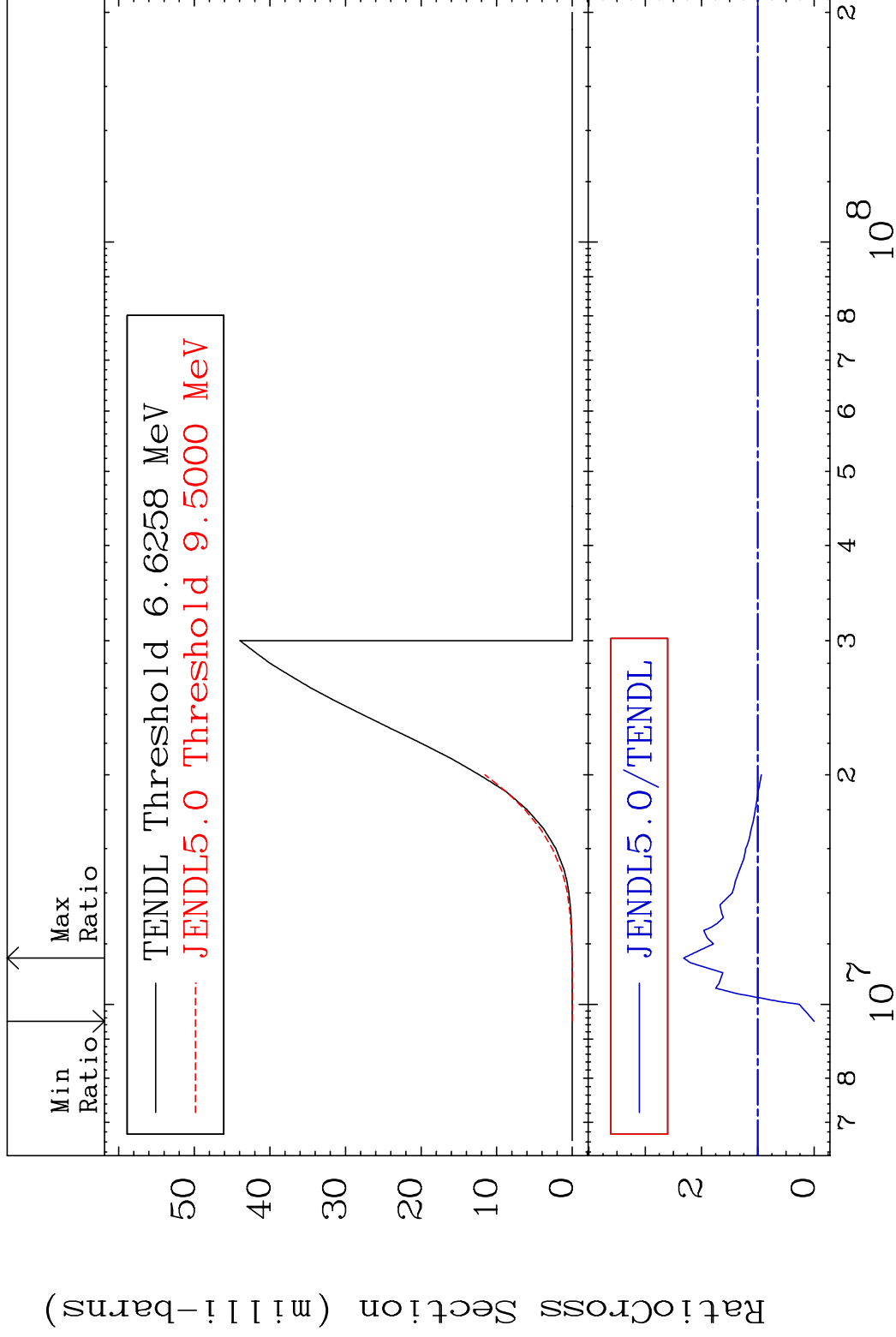
6

Incident Energy (eV)

51-Sb-123

MAT 5131

(n, n') p 51-Sb-123  
Cross Section -100.0 To 131.7 %



7

Incident Energy (eV)

51-Sb-123

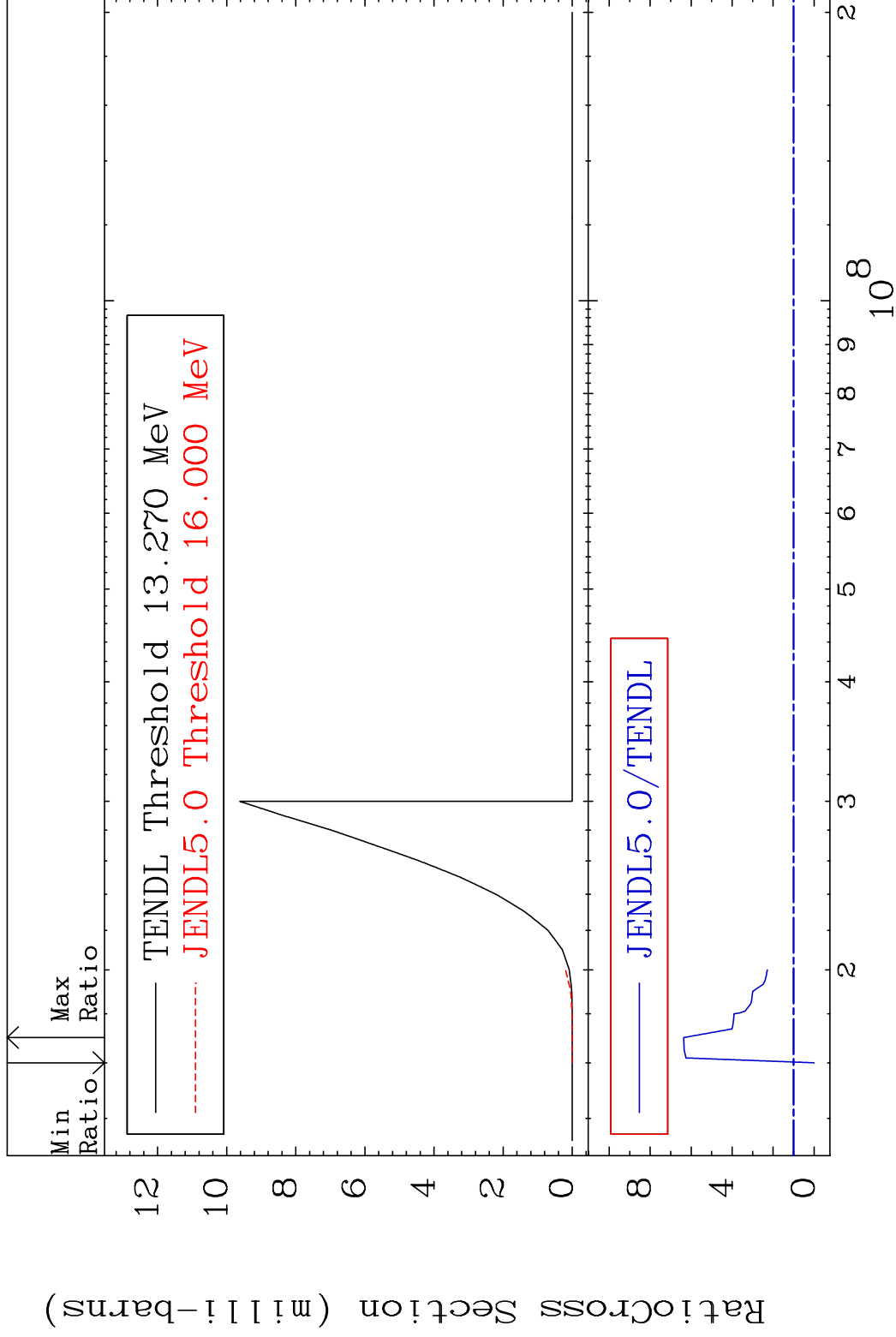


MAT 5131

(n, n') d

51-Sb-123

Cross Section -100.0 To 536.5 %

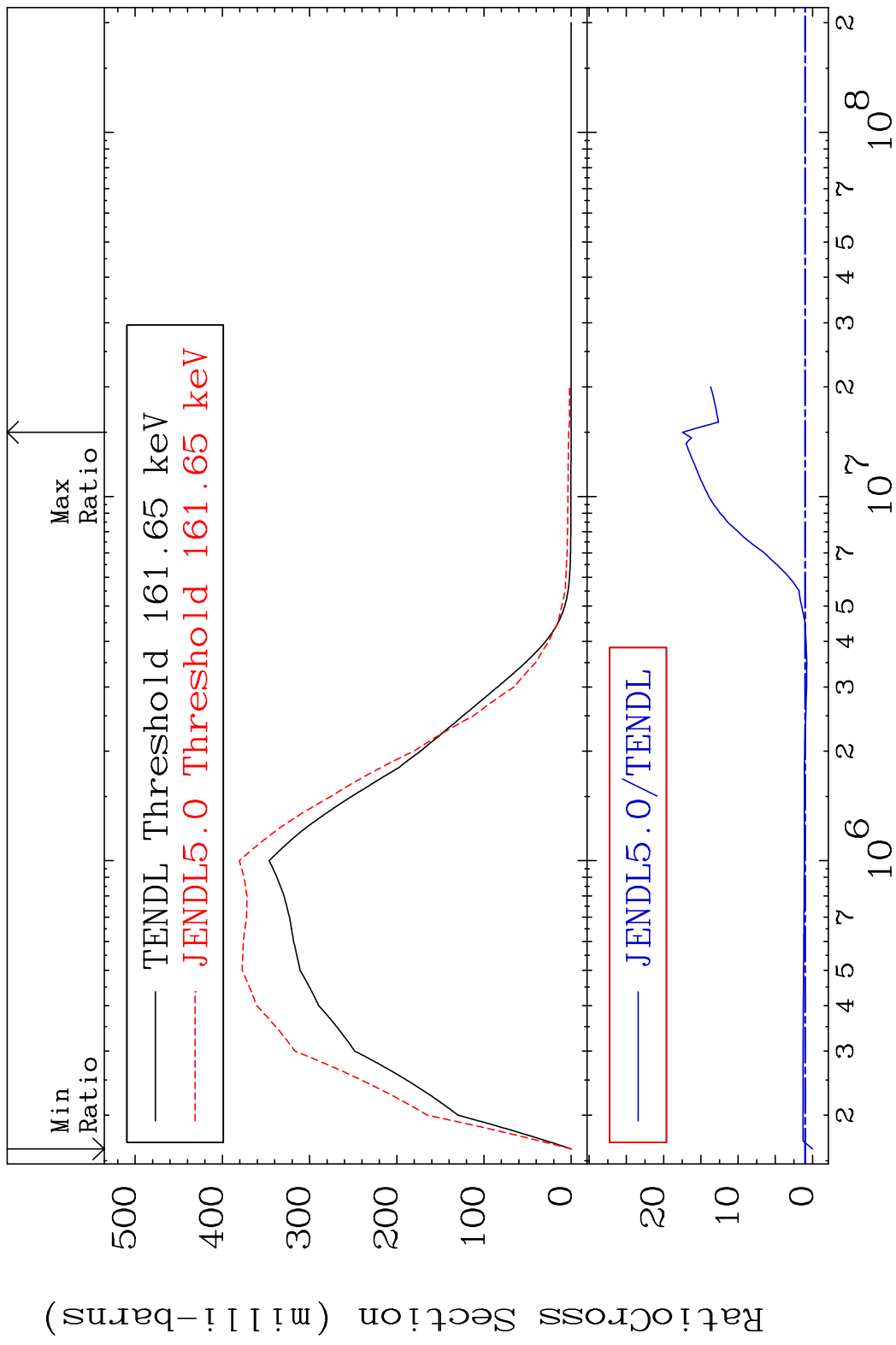


8

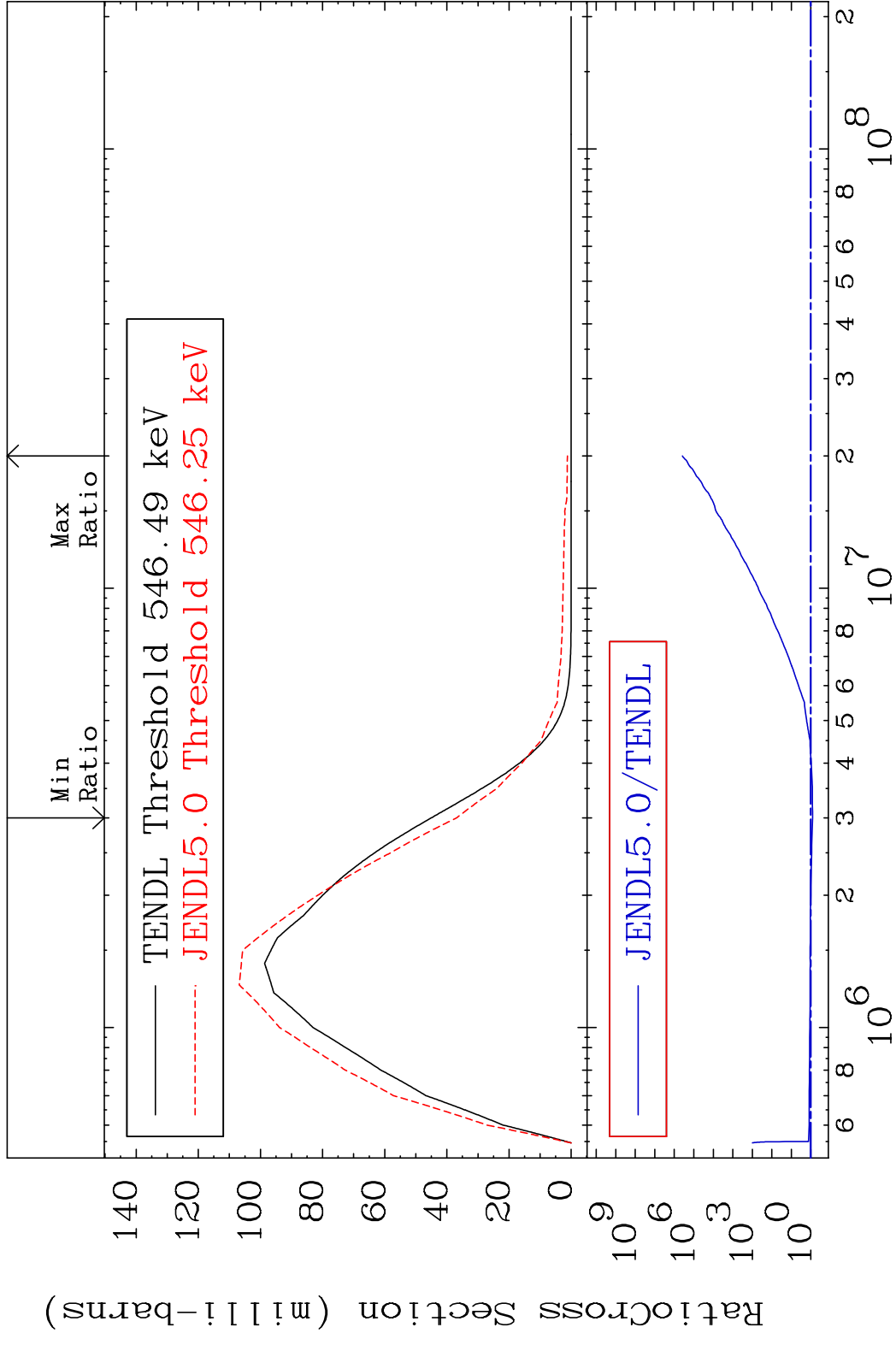
Incident Energy (eV)

51-Sb-123

MAT 5131 MT= 51 (n, n') Level 51-Sb-123  
 Cross Section -100.0 To 1648. %

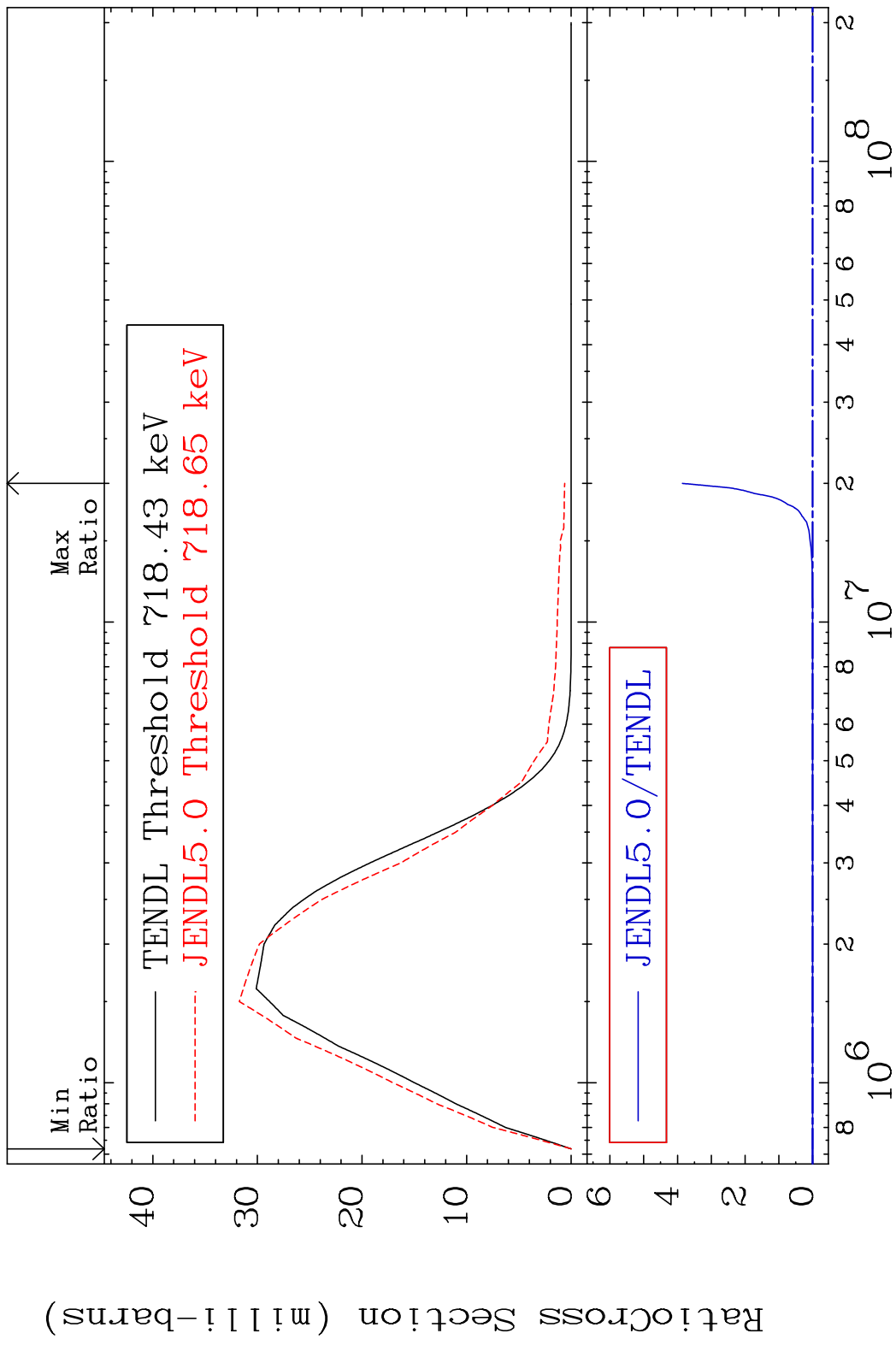


MAT 5131 MT= 52 (n, n') Level 51-Sb-123  
 Cross Section -18.07 To 9999. %

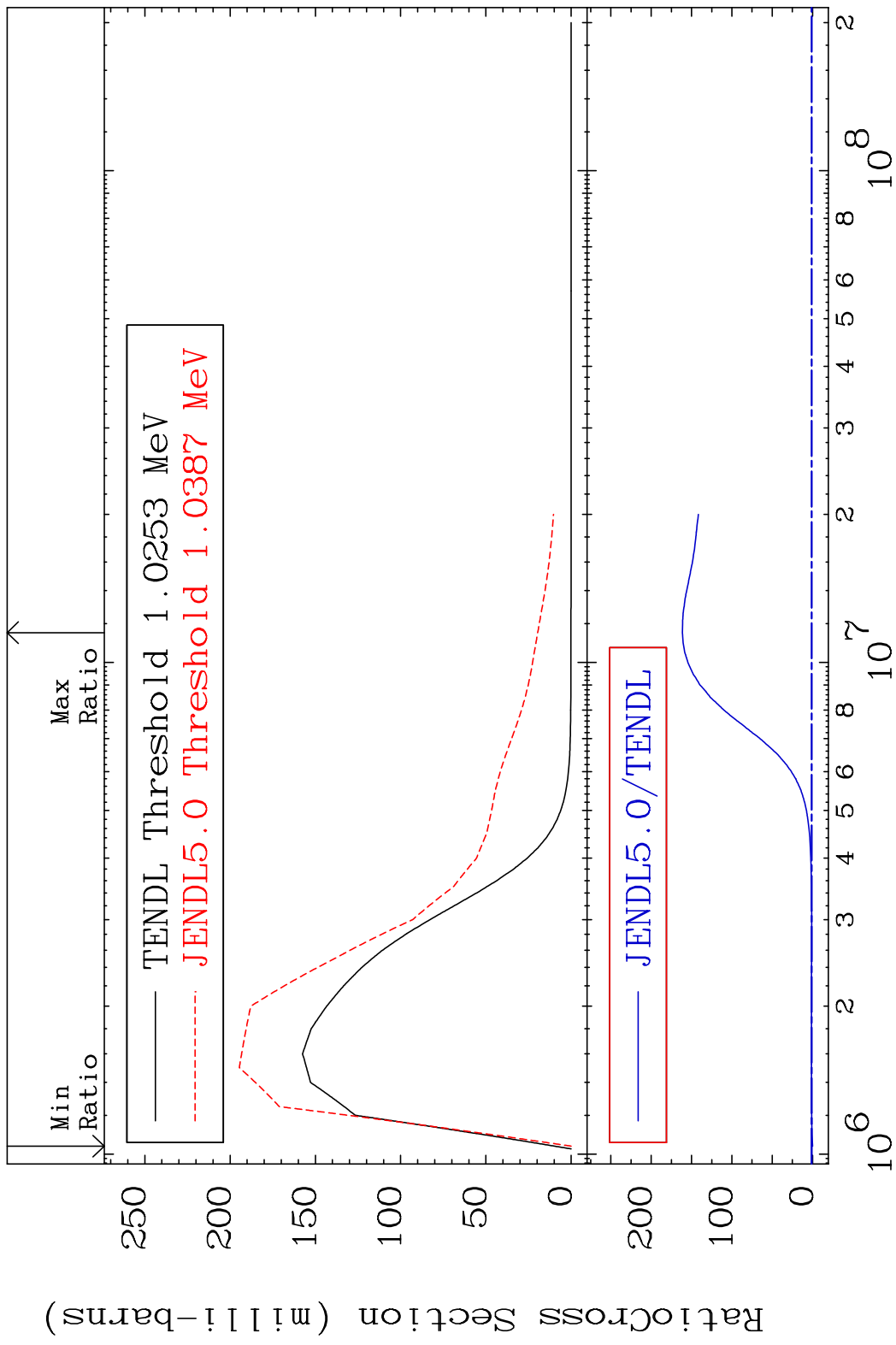


10 Incident Energy (eV) 51-Sb-123

MAT 5131 MT= 53 (n, n') Level 51-Sb-123  
 Cross Section -100.0 To 9999. %



MAT 5131 MT= 54 (n,n') Level 51-Sb-123  
 Cross Section -100.0 To 9999. %



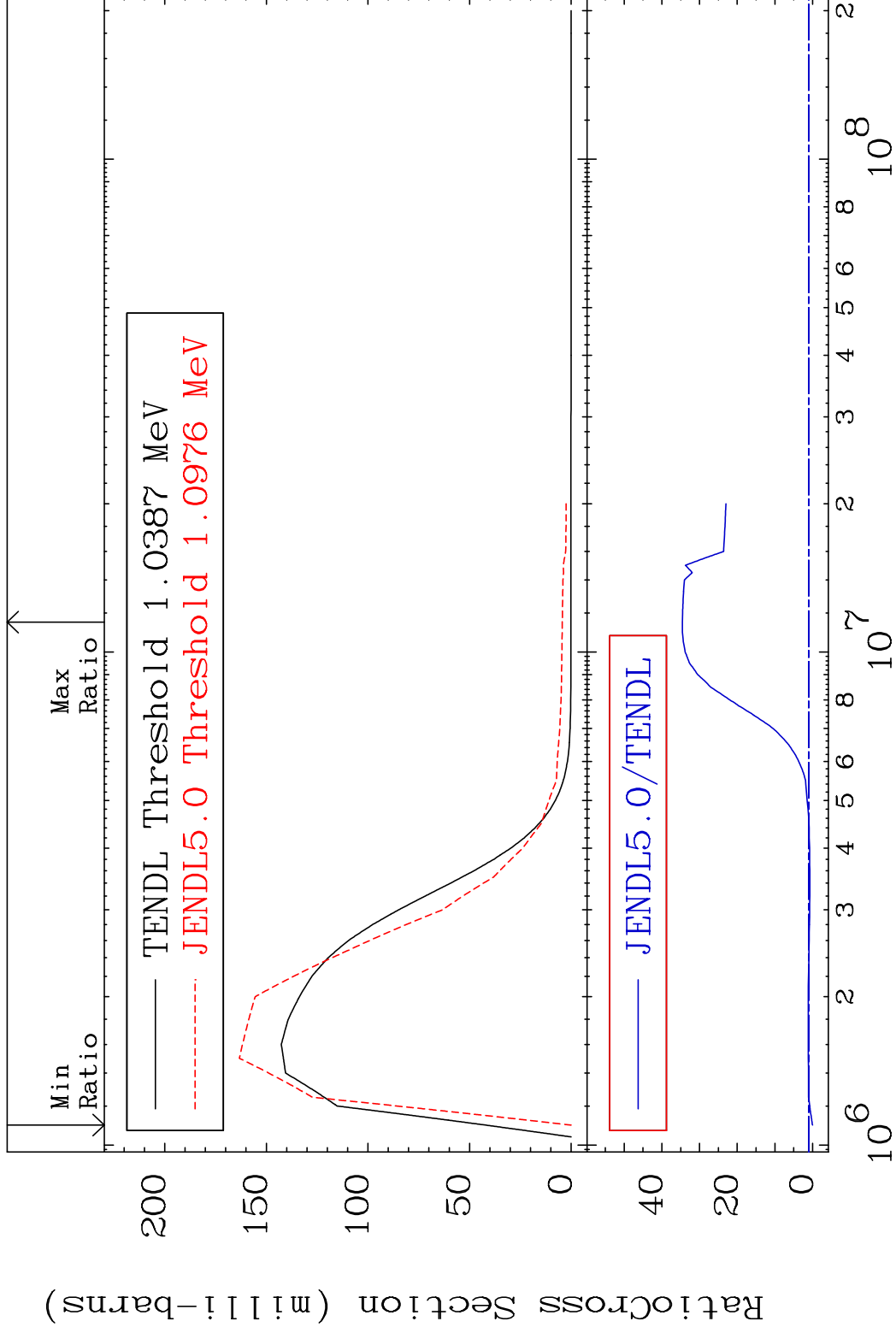
12 Incident Energy (eV) 51-Sb-123

MAT 5131

MT= 55 (n, n') Level

51-Sb-123

Cross Section -100.0 To 3356. %

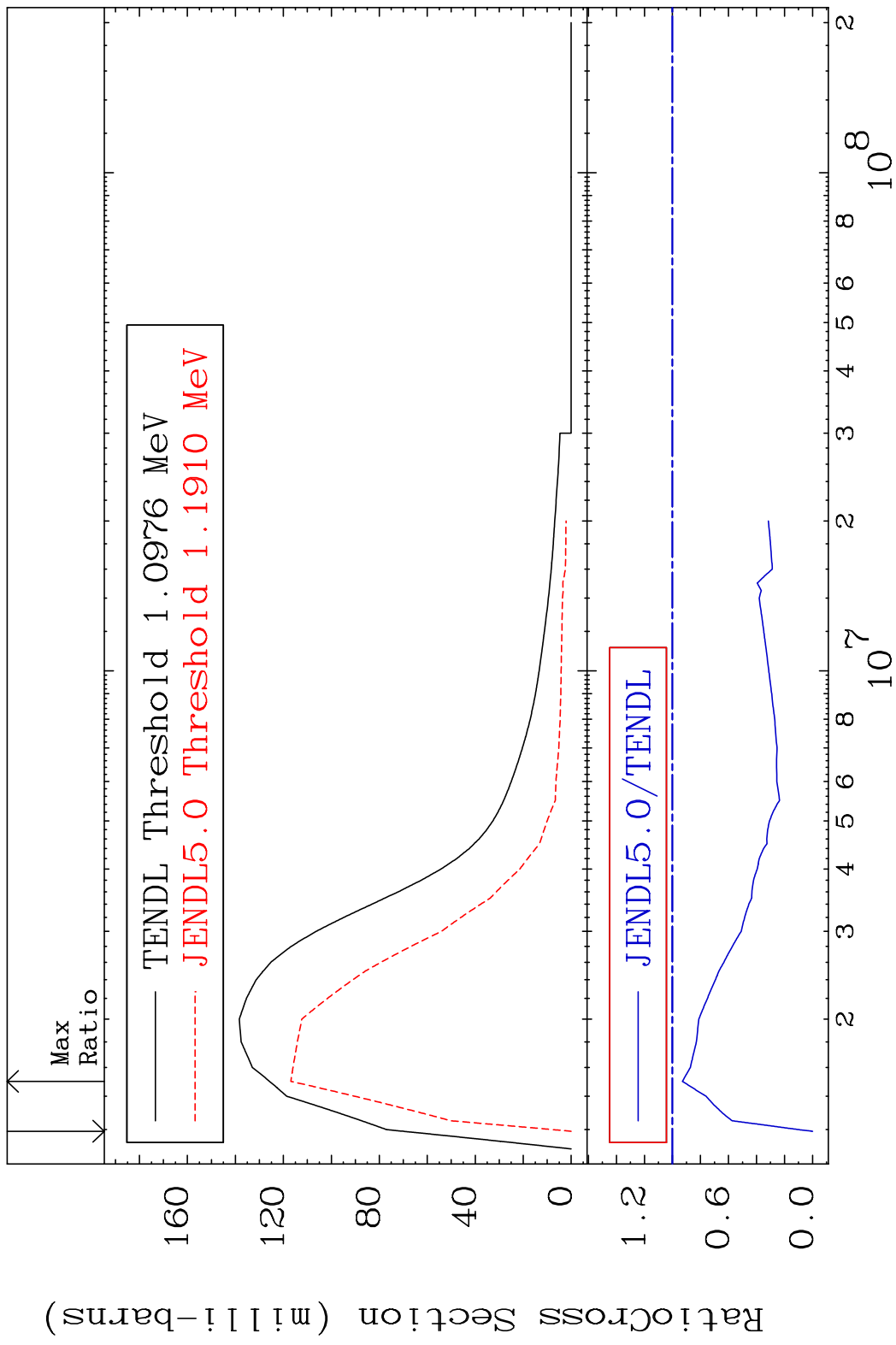


13

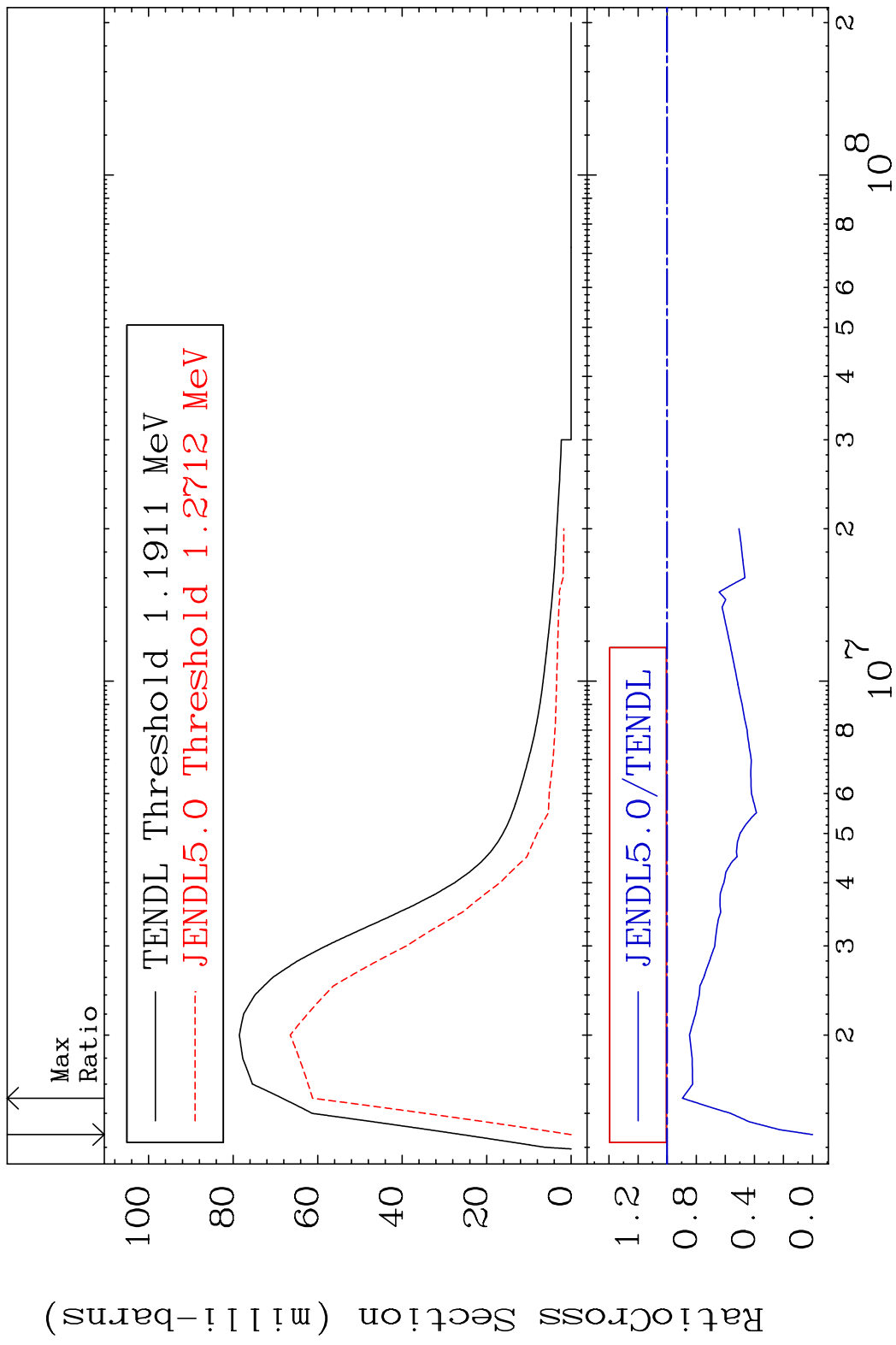
Incident Energy (eV)

51-Sb-123

MAT 5131 MT= 56 (n,n') Level 51-Sb-123  
 Cross Section -100.0 To -7.071%

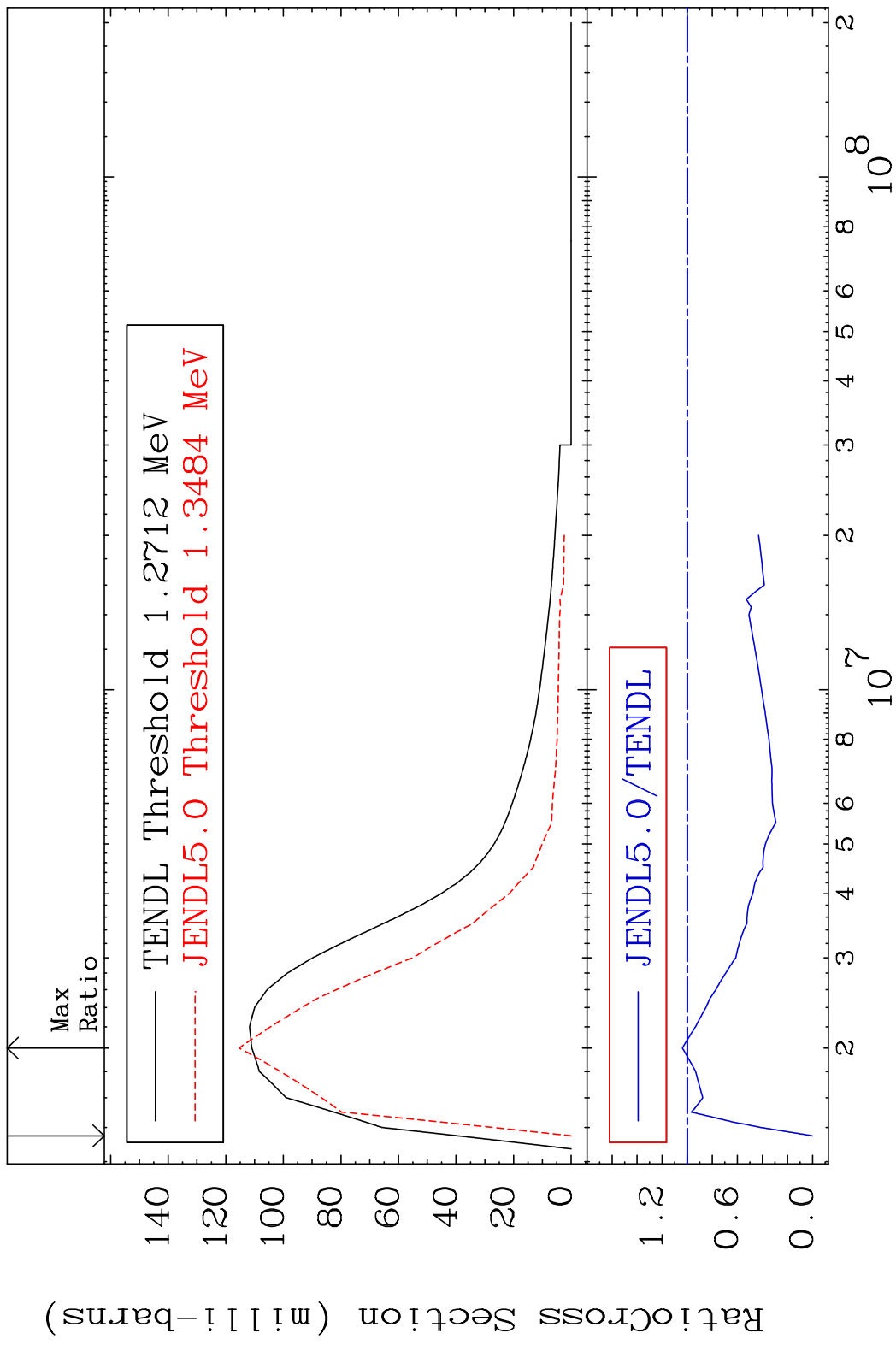


MAT 5131 MT= 57 (n,n') Level 51-Sb-123  
 Cross Section -100.0 To -10.47%

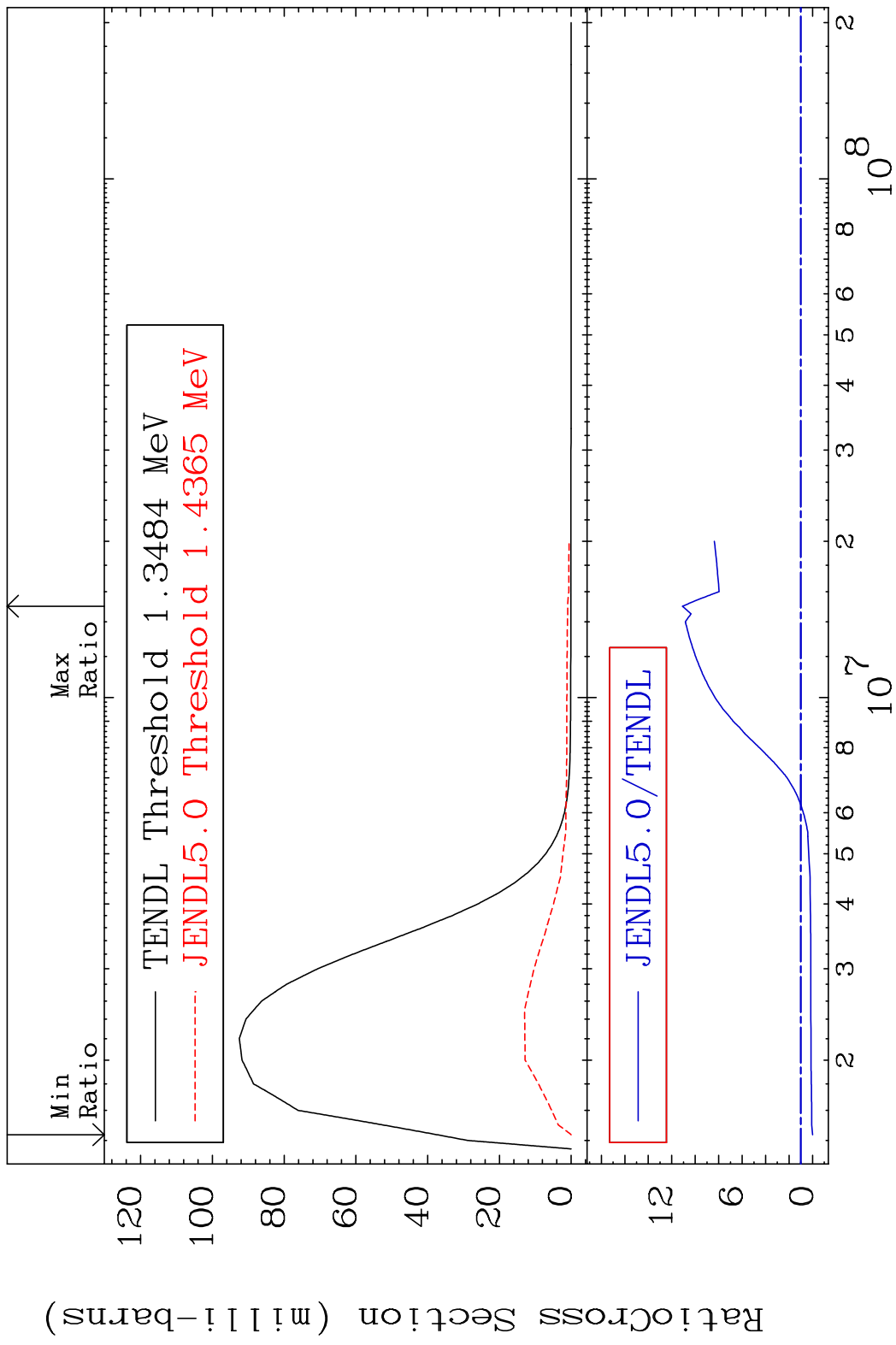




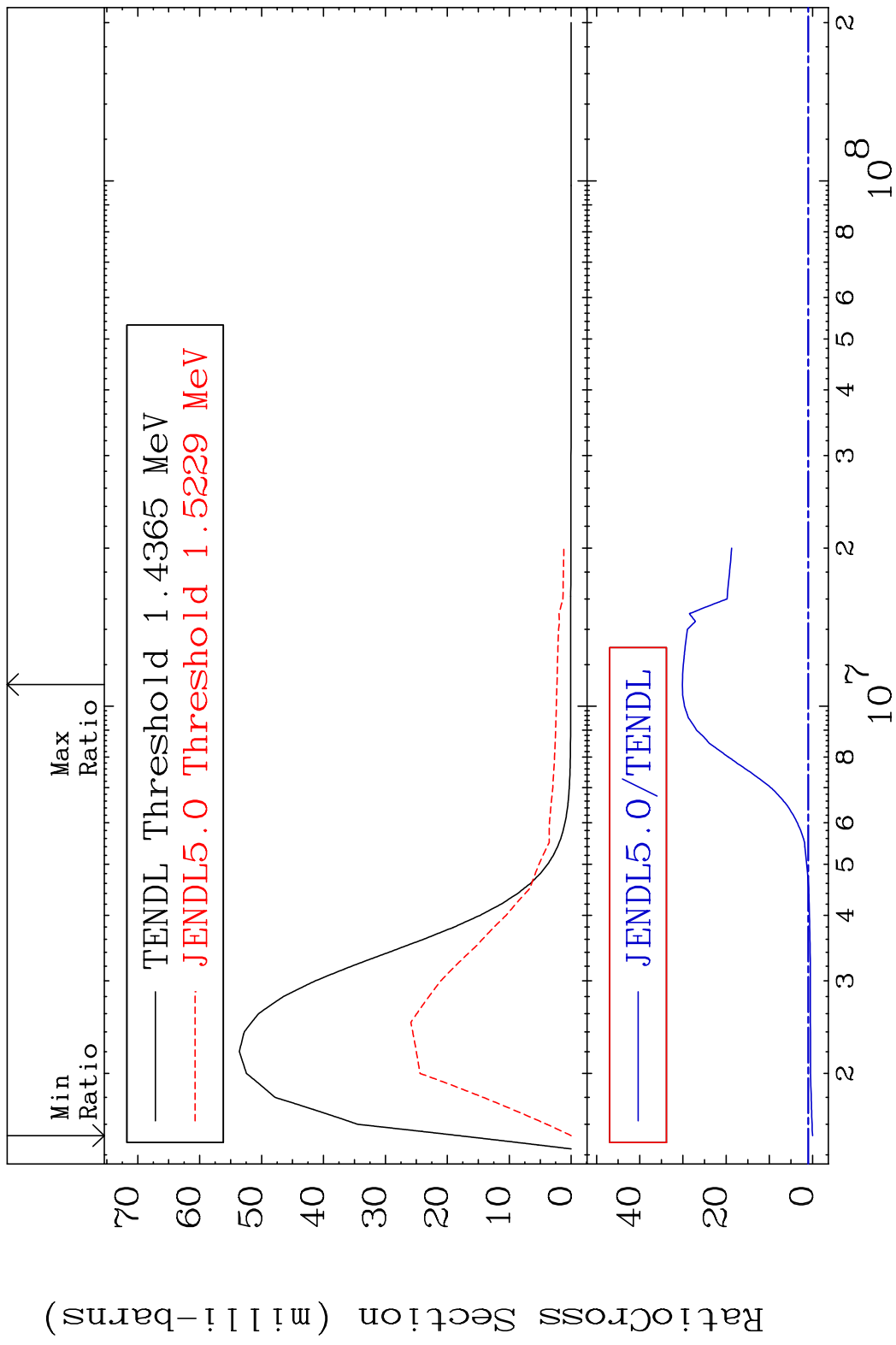
MAT 5131 MT= 58 (n,n') Level 51-Sb-123  
 Cross Section -100.0 To 3.901 %



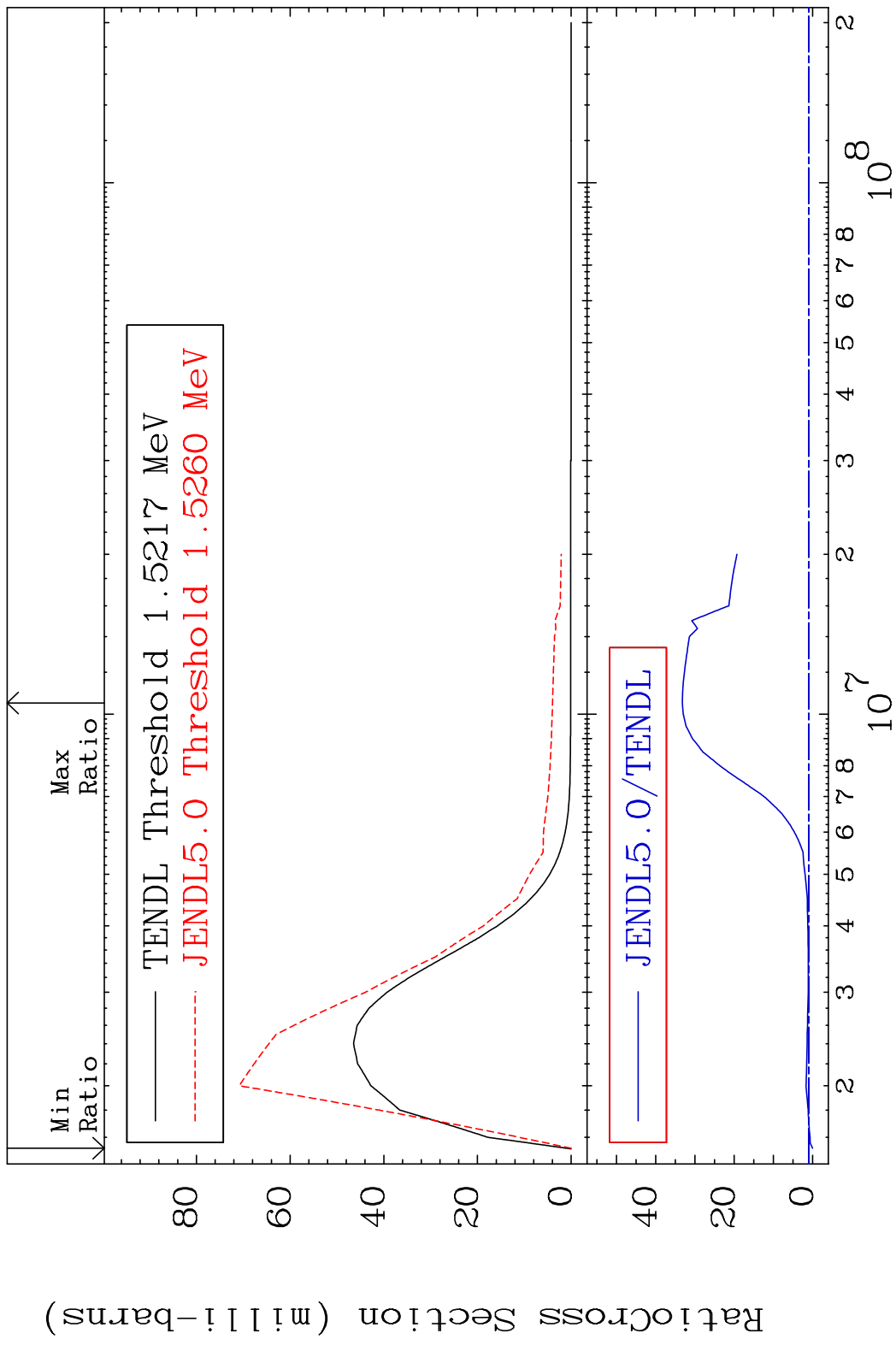
MAT 5131 MT= 59 (n, n') Level 51-Sb-123  
 Cross Section -100.0 To 1010. %



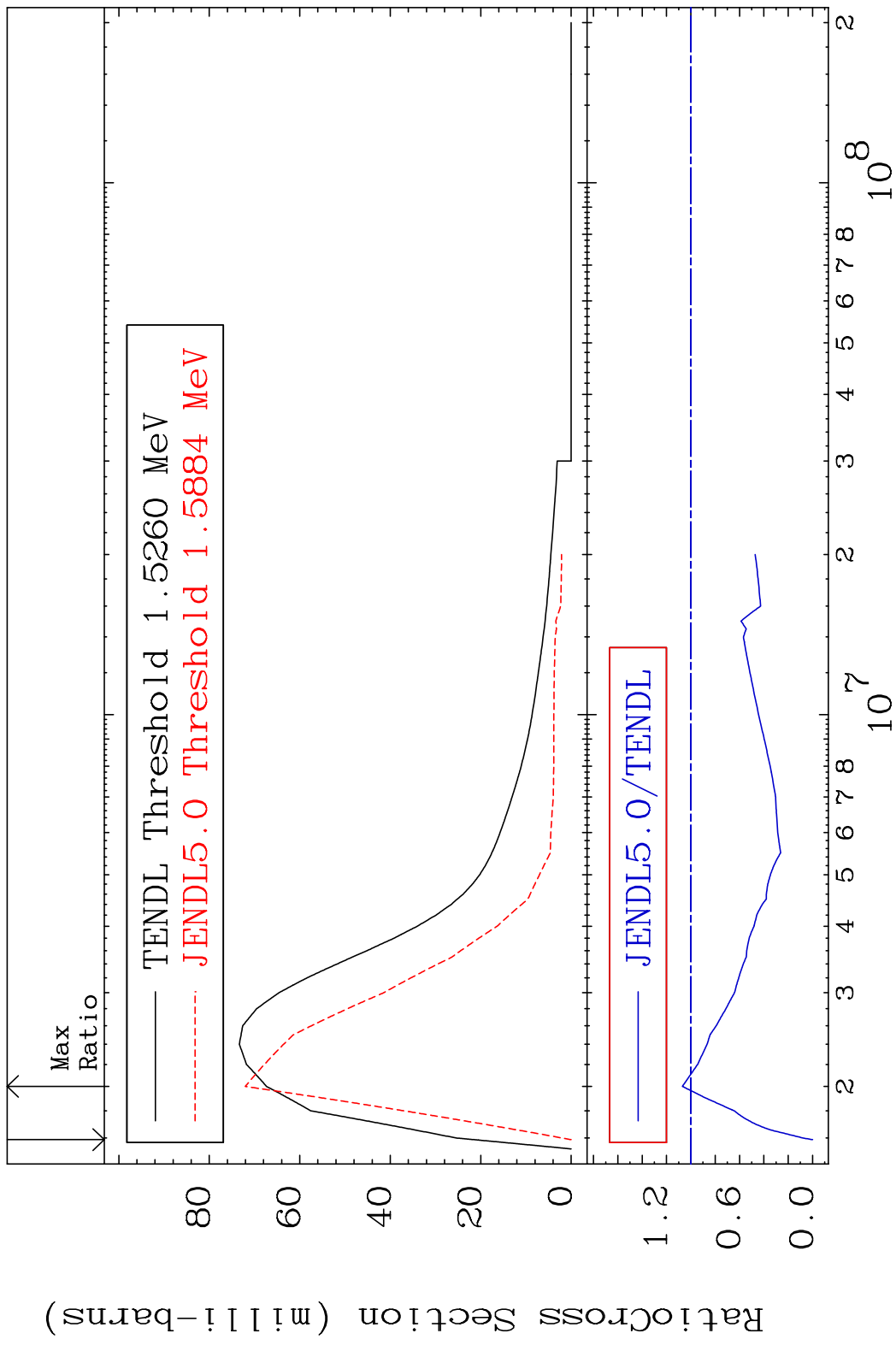
MAT 5131 MT= 60 (n, n') Level 51-Sb-123  
 Cross Section -100.0 To 2914. %



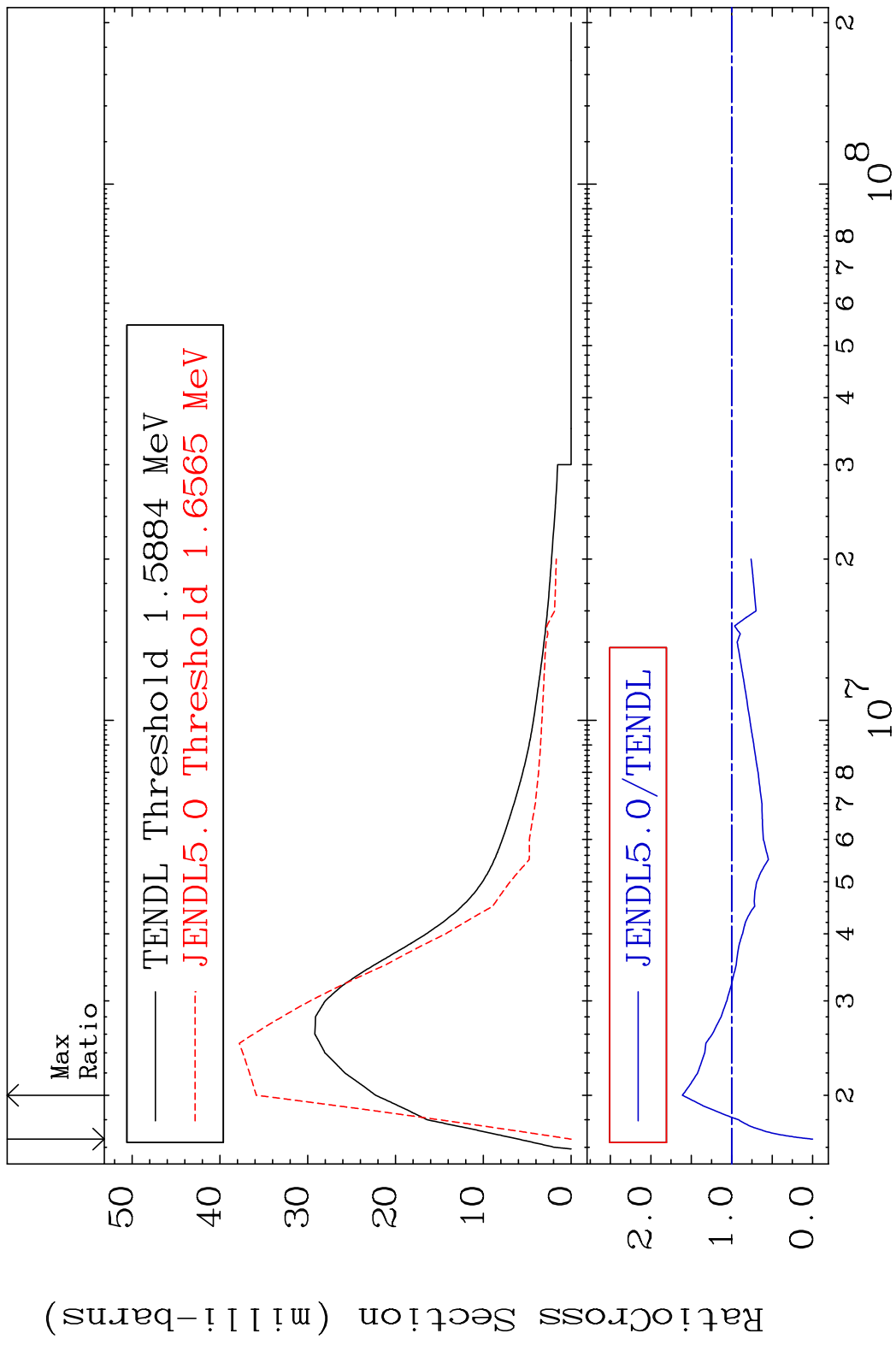
MAT 5131 MT= 61 (n, n') Level 51-Sb-123  
 Cross Section -100.0 To 3219. %



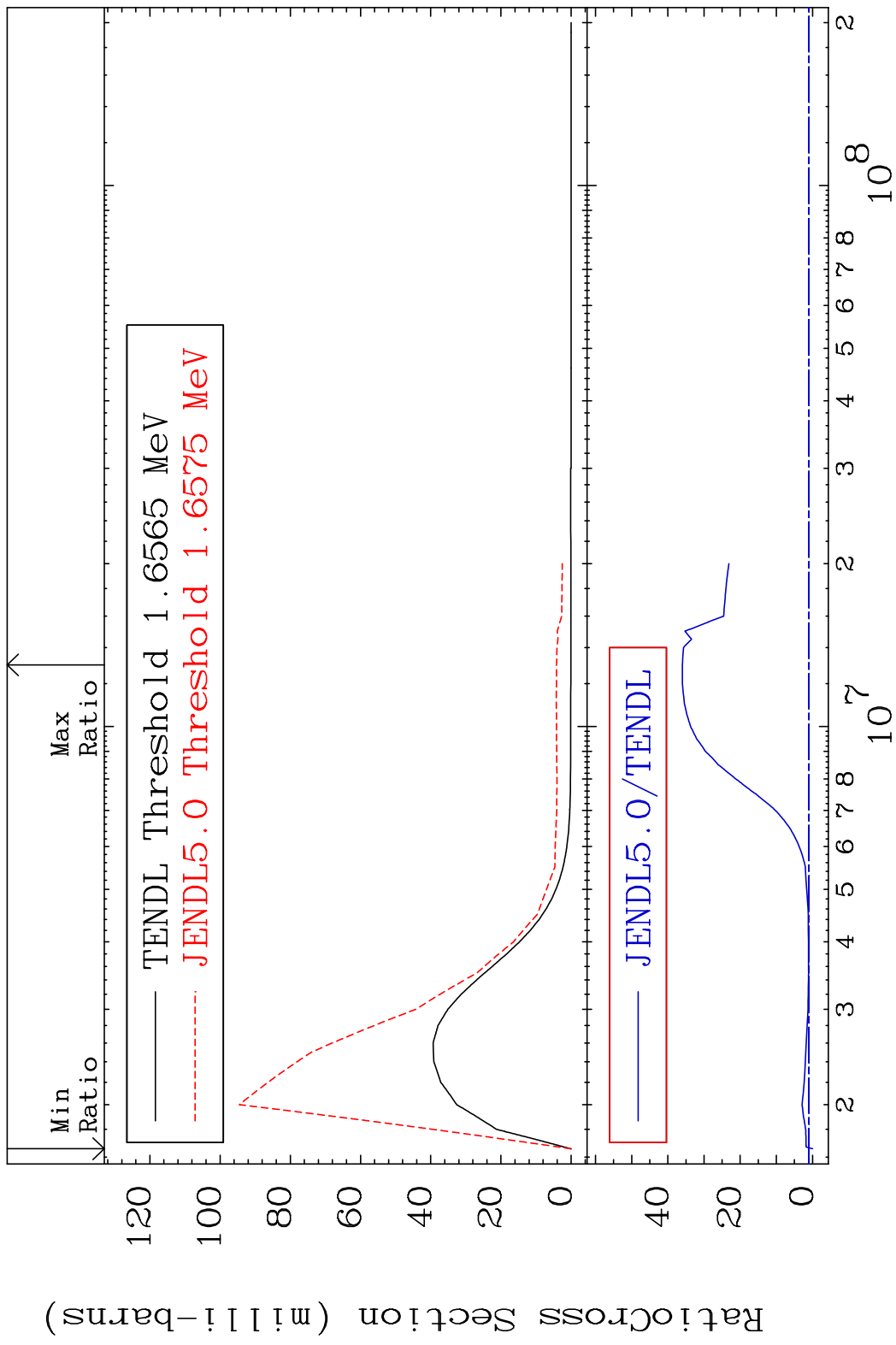
MAT 5131 MT= 62 (n, n') Level 51-Sb-123  
 Cross Section -100.0 To 6.980 %



MAT 5131 MT= 63 (n, n') Level 51-Sb-123  
 Cross Section -100.0 To 61.03 %



MAT 5131 MT= 64 (n, n') Level 51-Sb-123  
 Cross Section -100.0 To 3499. %

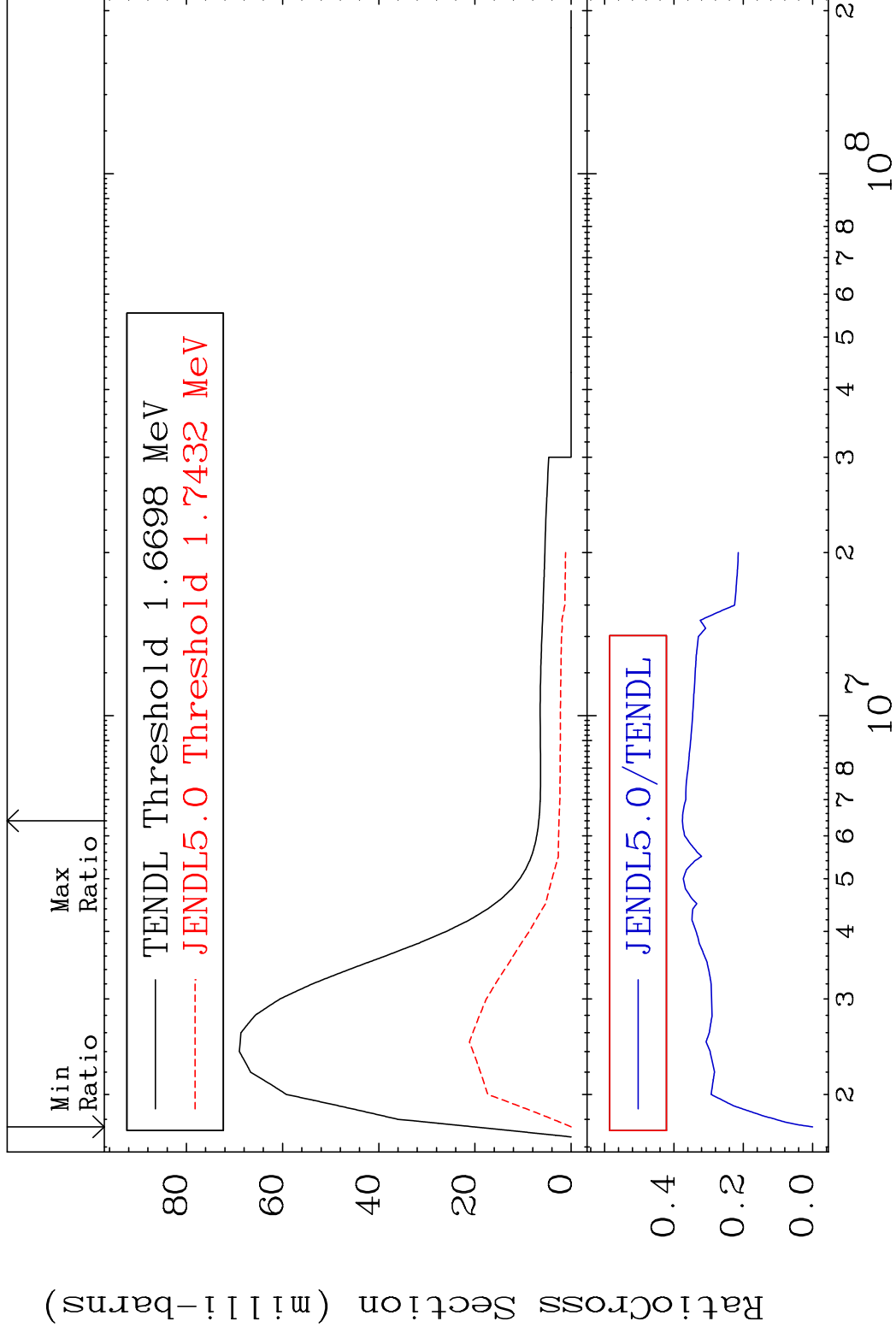


MAT 5131

MT= 65 (n,n') Level

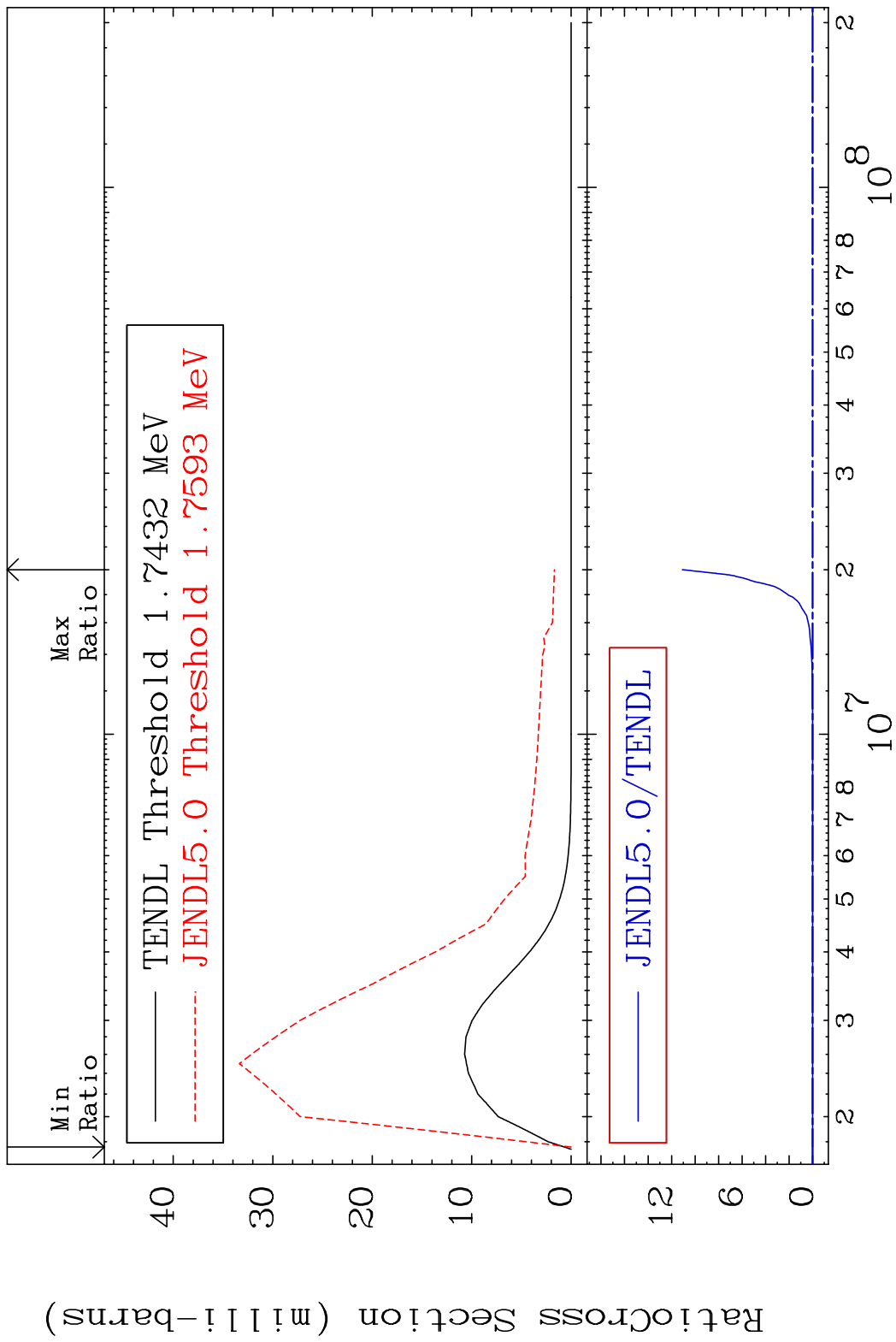
51-Sb-123

Cross Section -100.0 To -62.43%

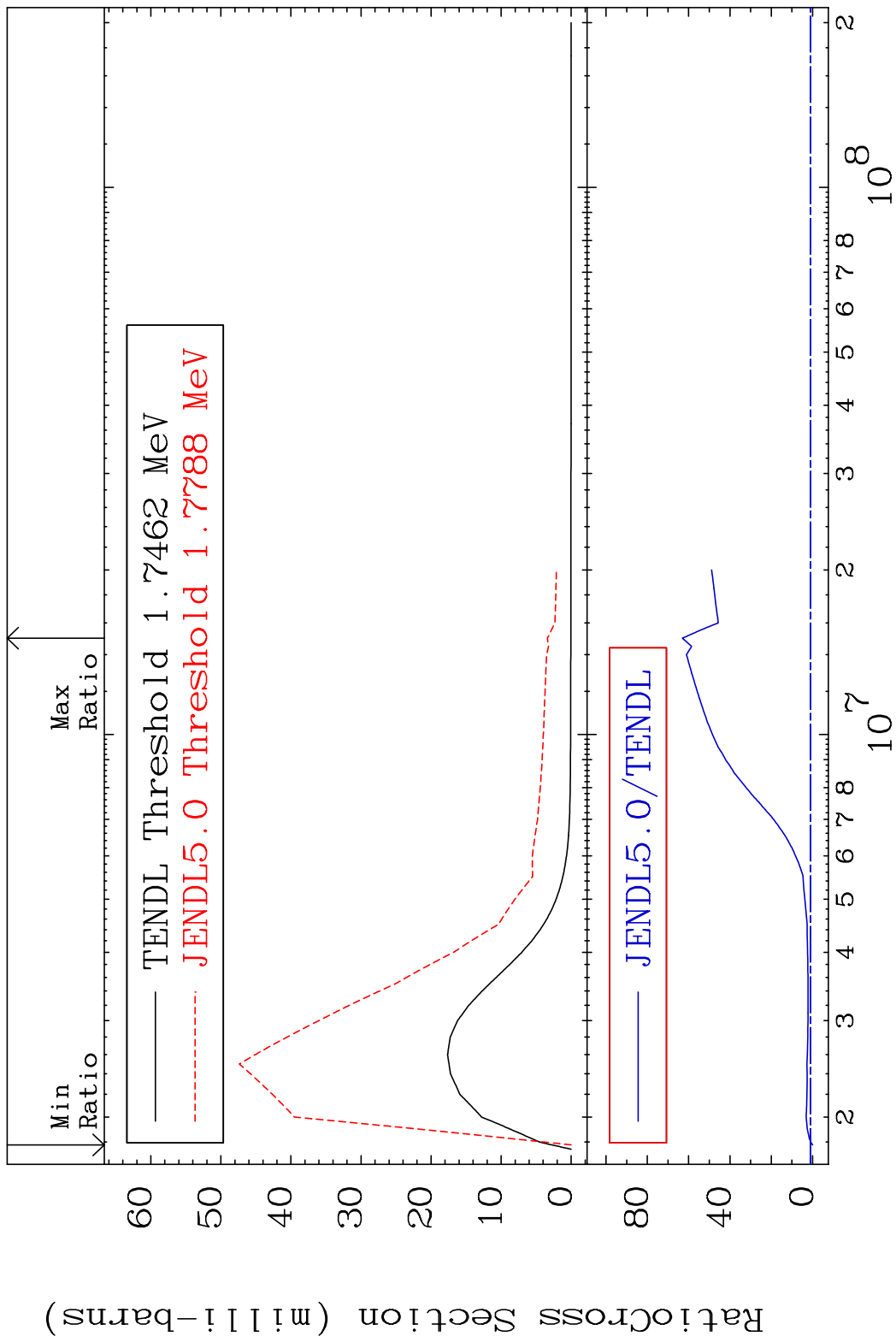




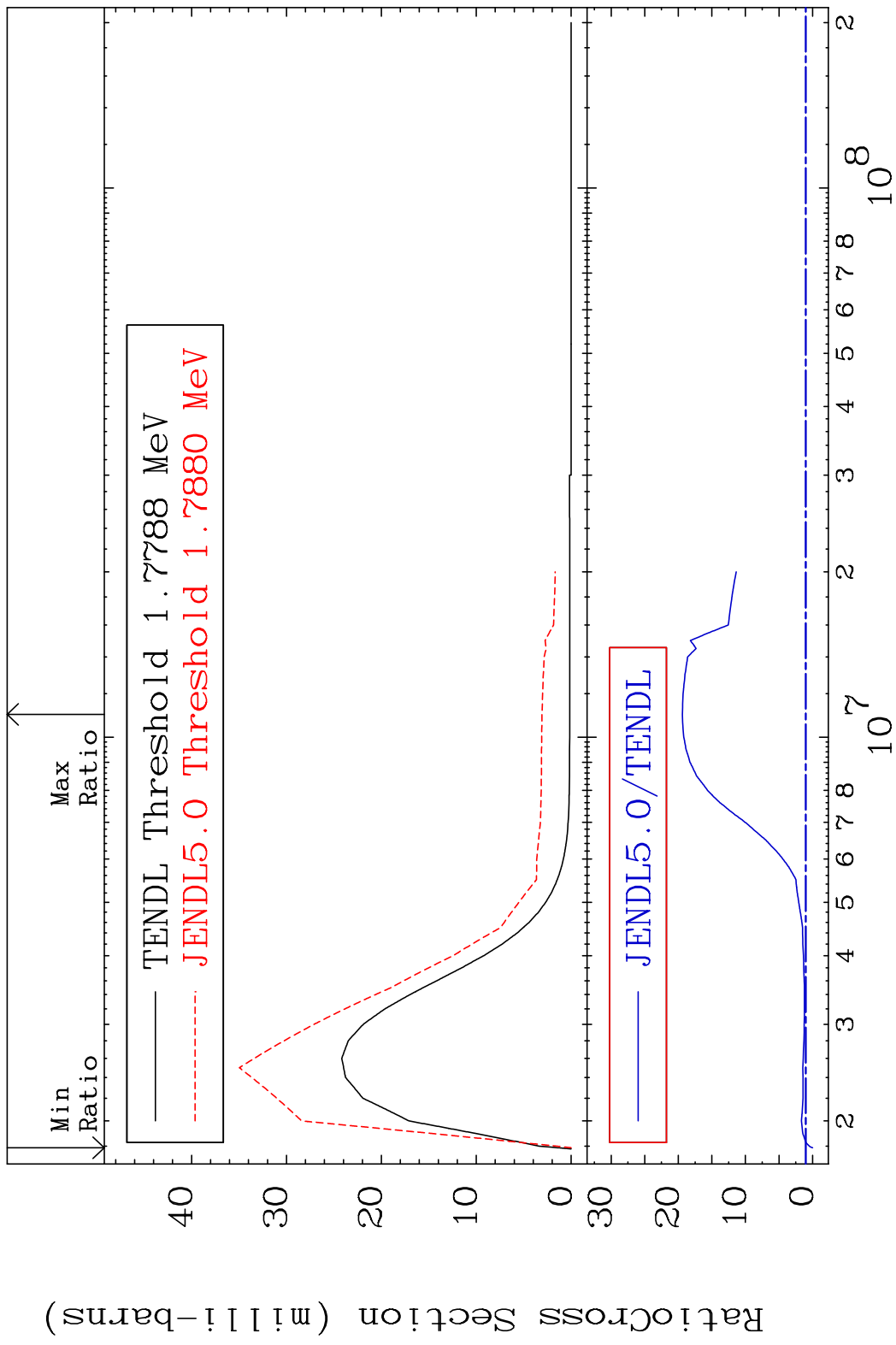
MAT 5131 MT= 66 (n, n') Level 51-Sb-123  
 Cross Section -100.0 To 9999. %



MAT 5131 MT= 67 (n, n') Level 51-Sb-123  
 Cross Section -100.0 To 6205. %



MAT 5131 MT= 68 (n, n') Level 51-Sb-123  
 Cross Section -100.0 To 1840. %

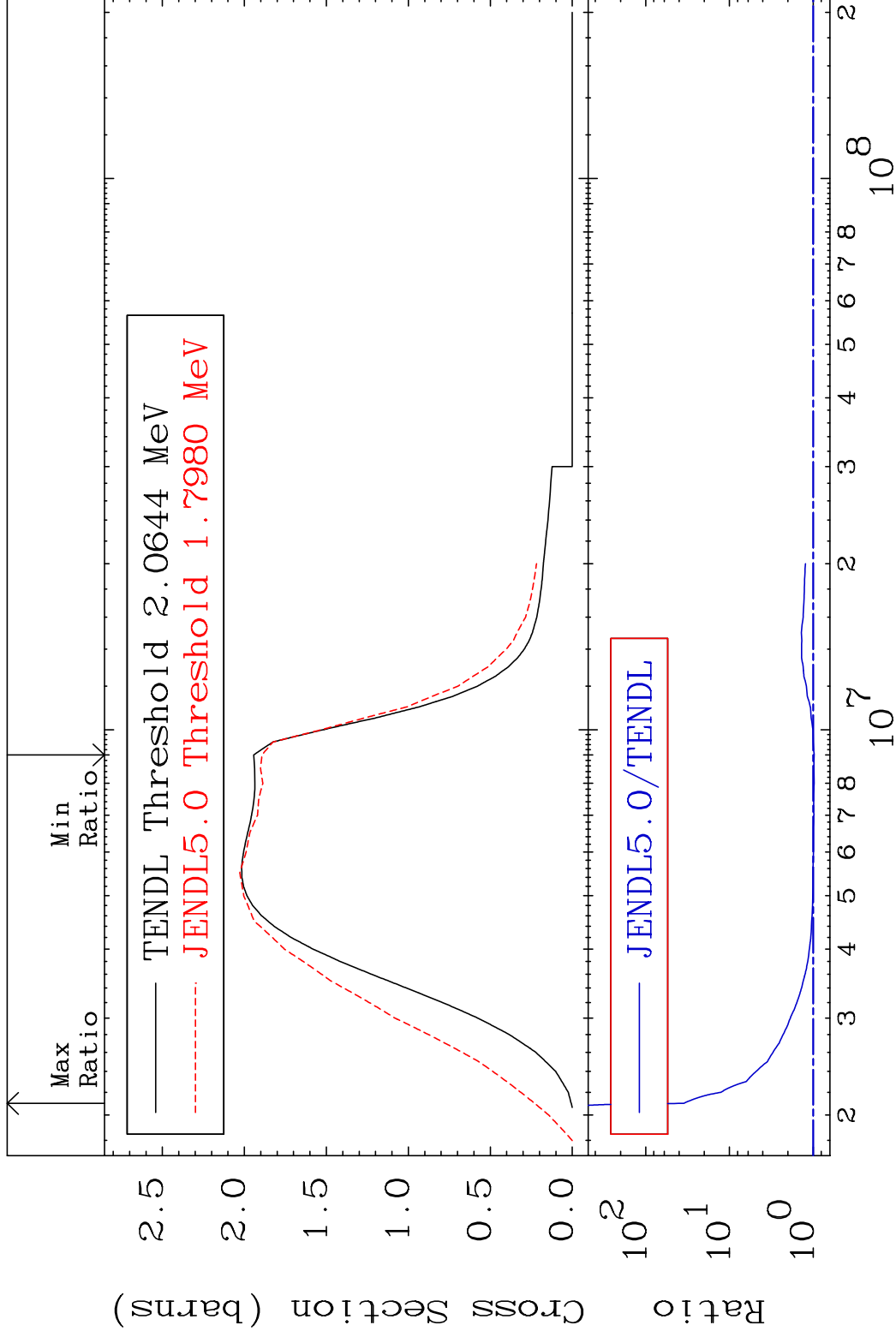


MAT 5131

(n, n') Continuum

51-Sb-123

Cross Section -2.579 To 3425. %

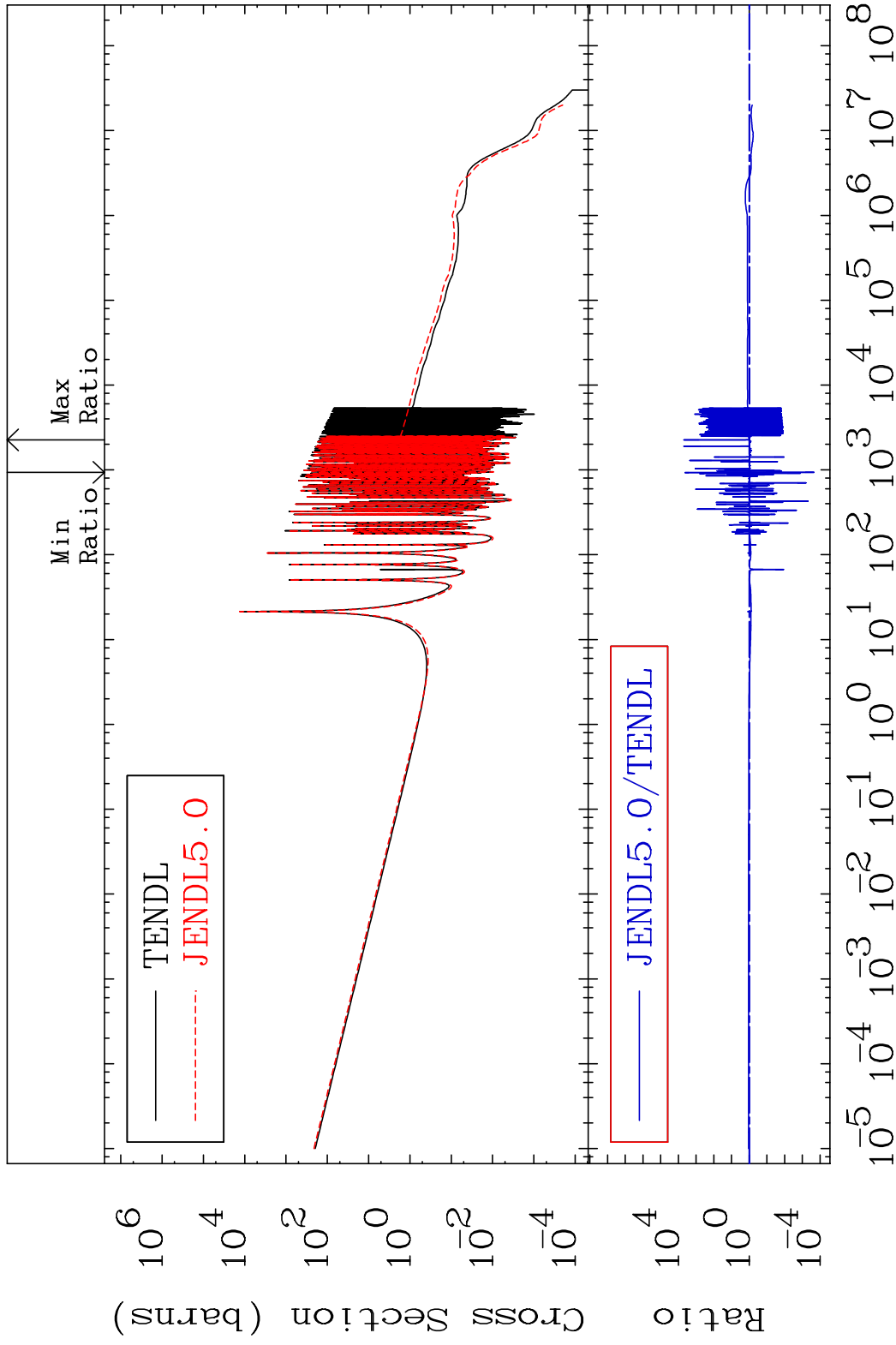


MAT 5131

(n,  $\gamma$ )

51-Sb-123

Cross Section -99.98 To 9999. %



28

Incident Energy (eV)

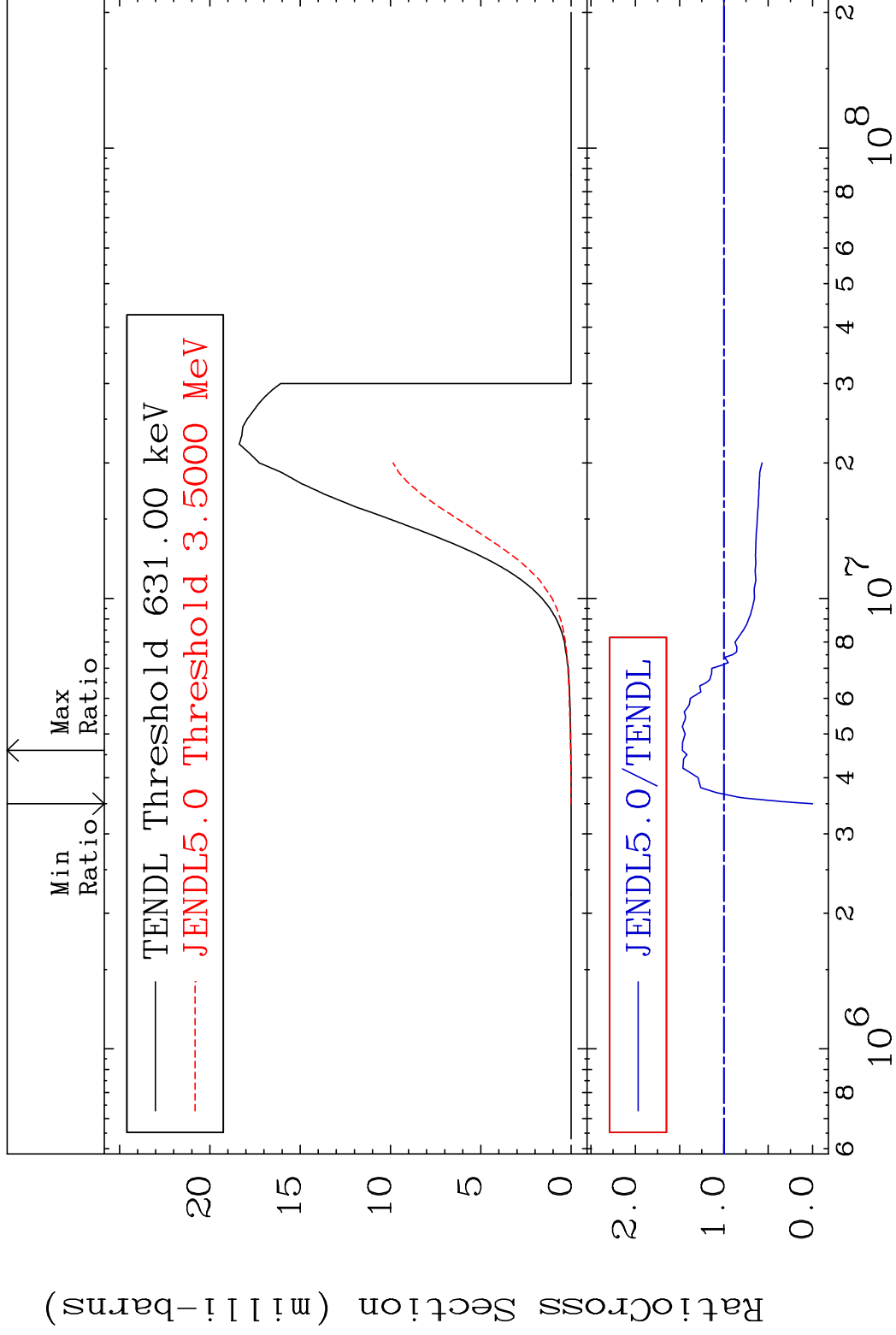
51-Sb-123

MAT 5131

(n,p)

51-Sb-123

Cross Section -100.0 To 46.91 %



29

Incident Energy (eV)

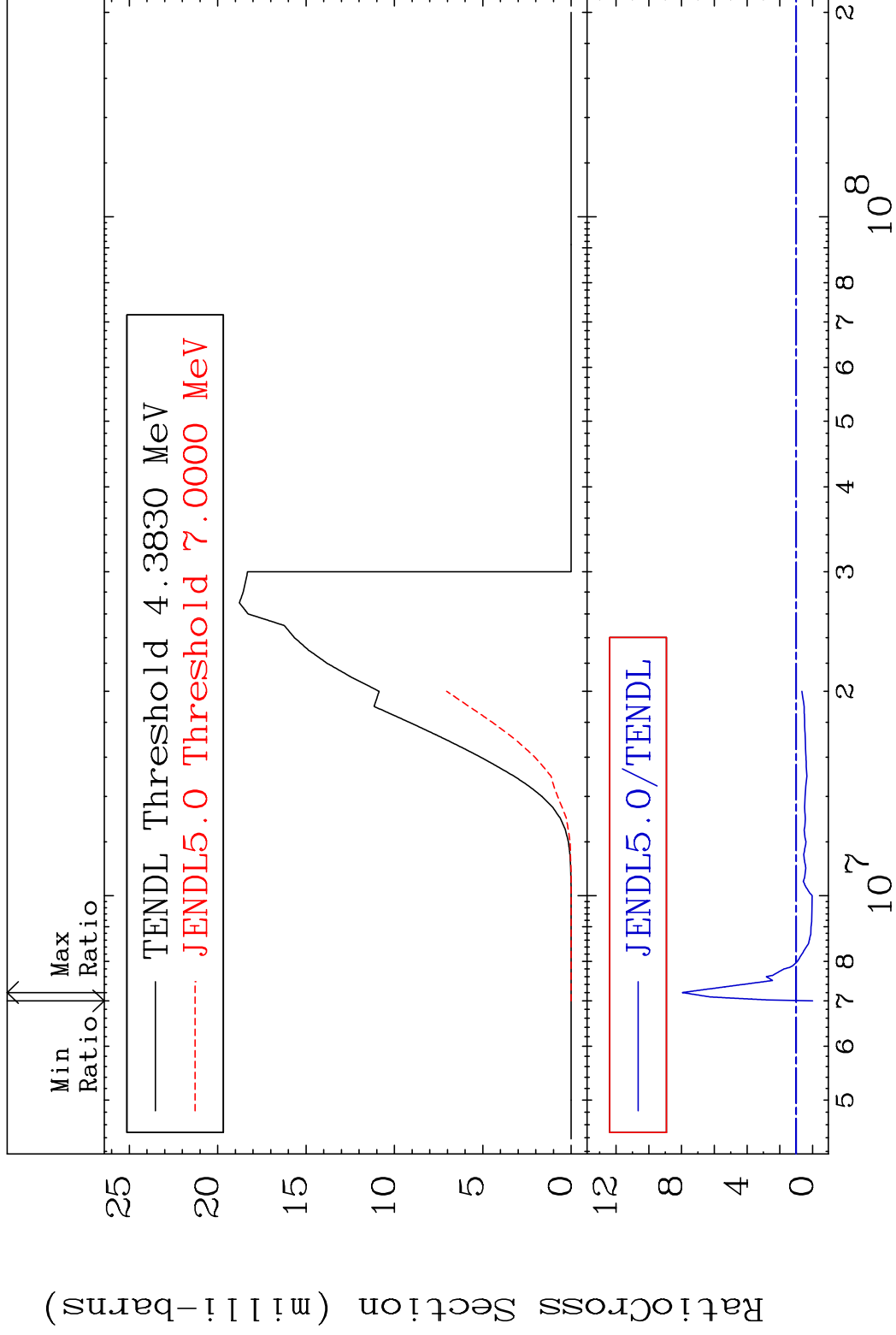
51-Sb-123

MAT 5131

(n,d)

51-Sb-123

Cross Section -100.0 To 695.1 %



30

Incident Energy (eV)

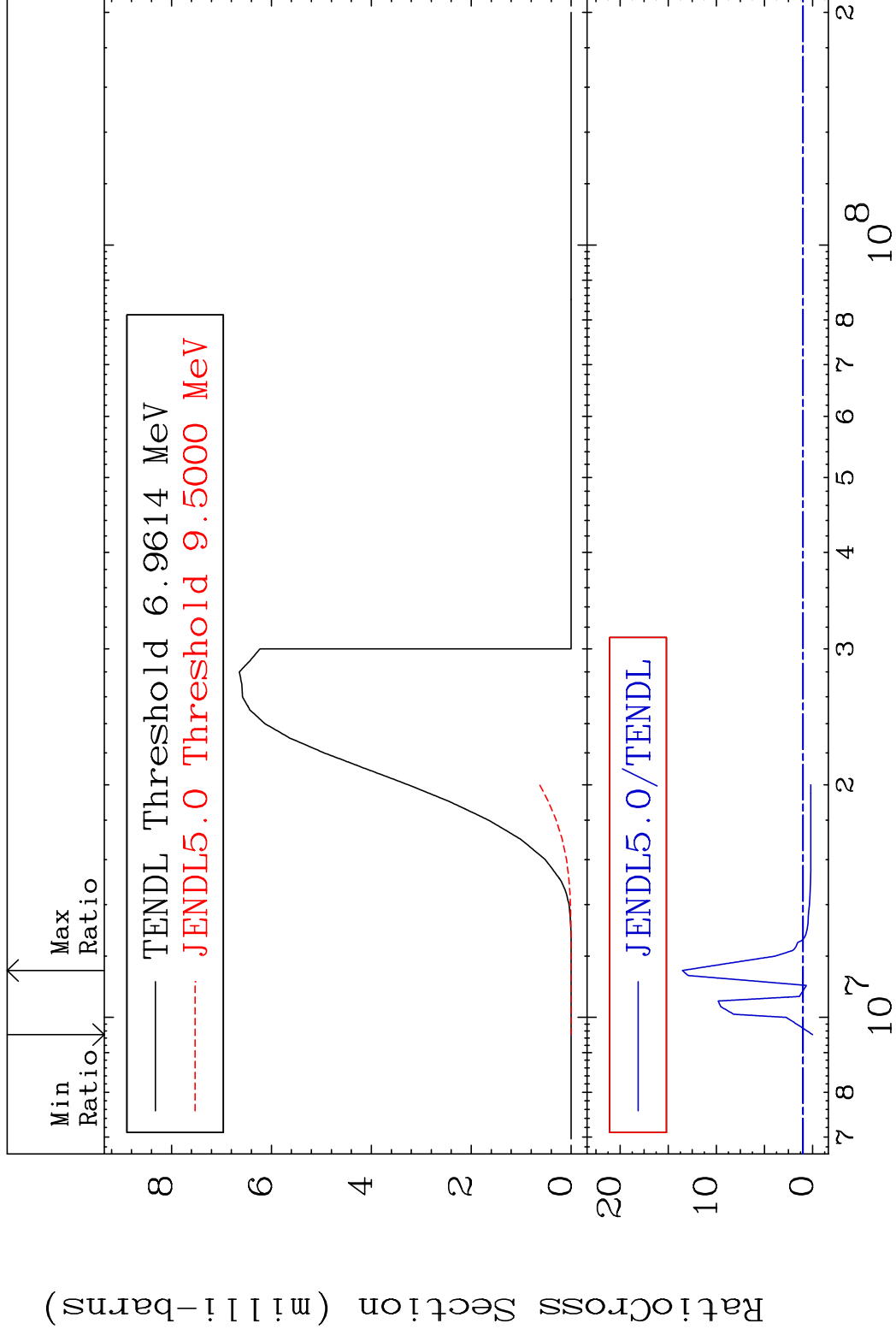
51-Sb-123

MAT 5131

(n, t)

51-Sb-123

Cross Section -100.0 To 1253. %



31

Incident Energy (eV)

51-Sb-123

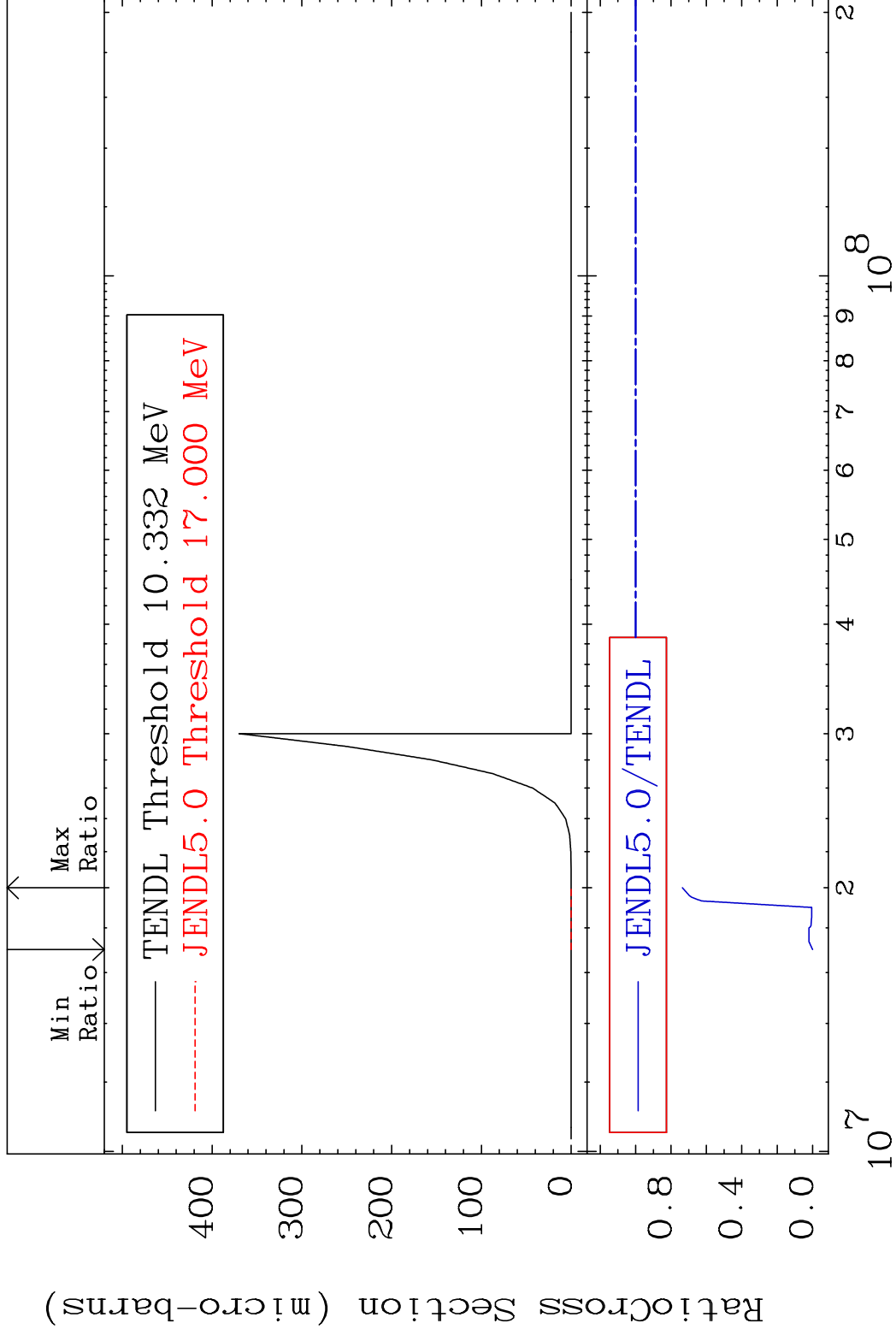


MAT 5131

(n, He-3)

51-Sb-123

Cross Section -100.0 To -26.40%



32

Incident Energy (eV)

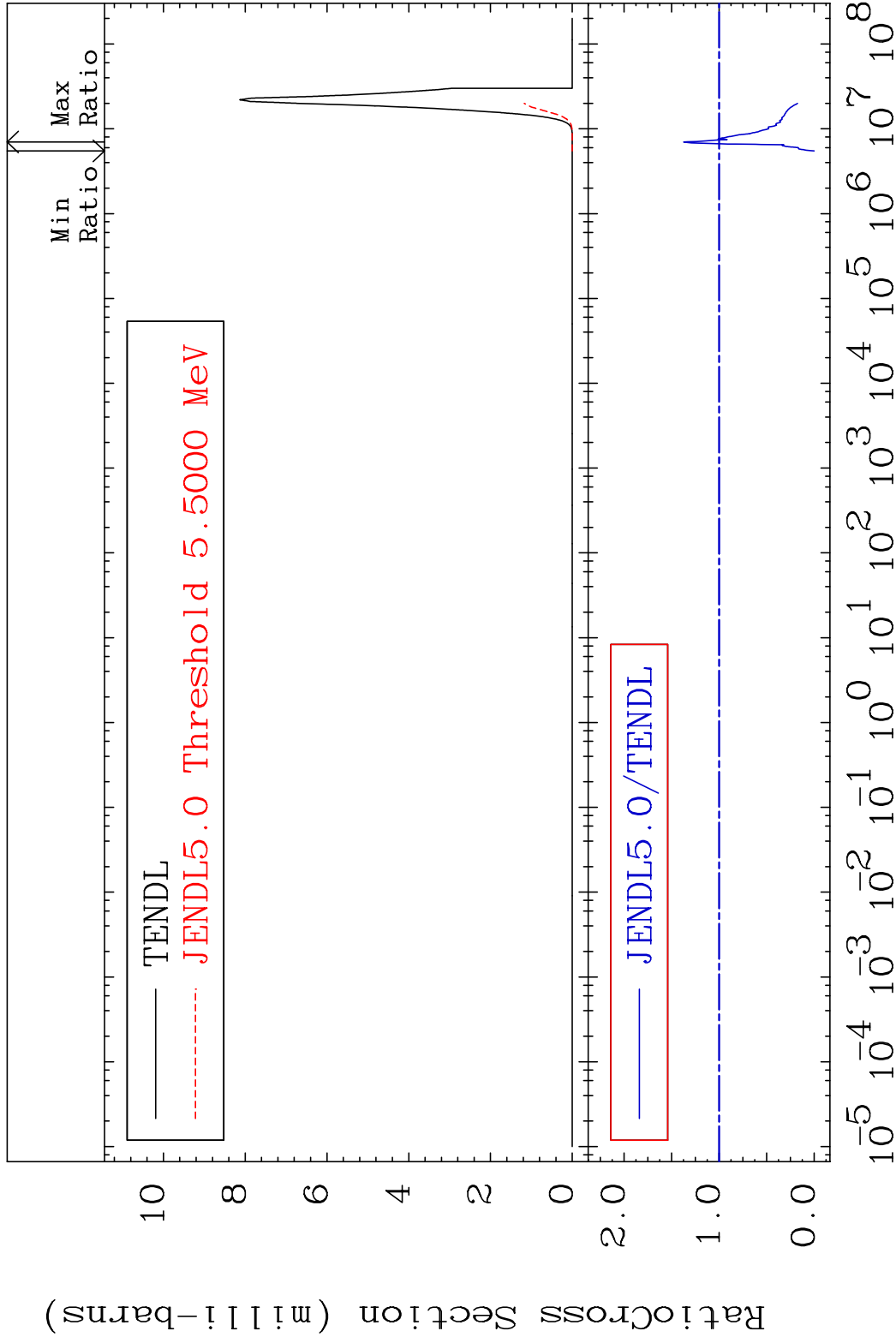
51-Sb-123

MAT 5131

(n,  $\alpha$ )

51-Sb-123

Cross Section -100.0 To 37.34 %



33

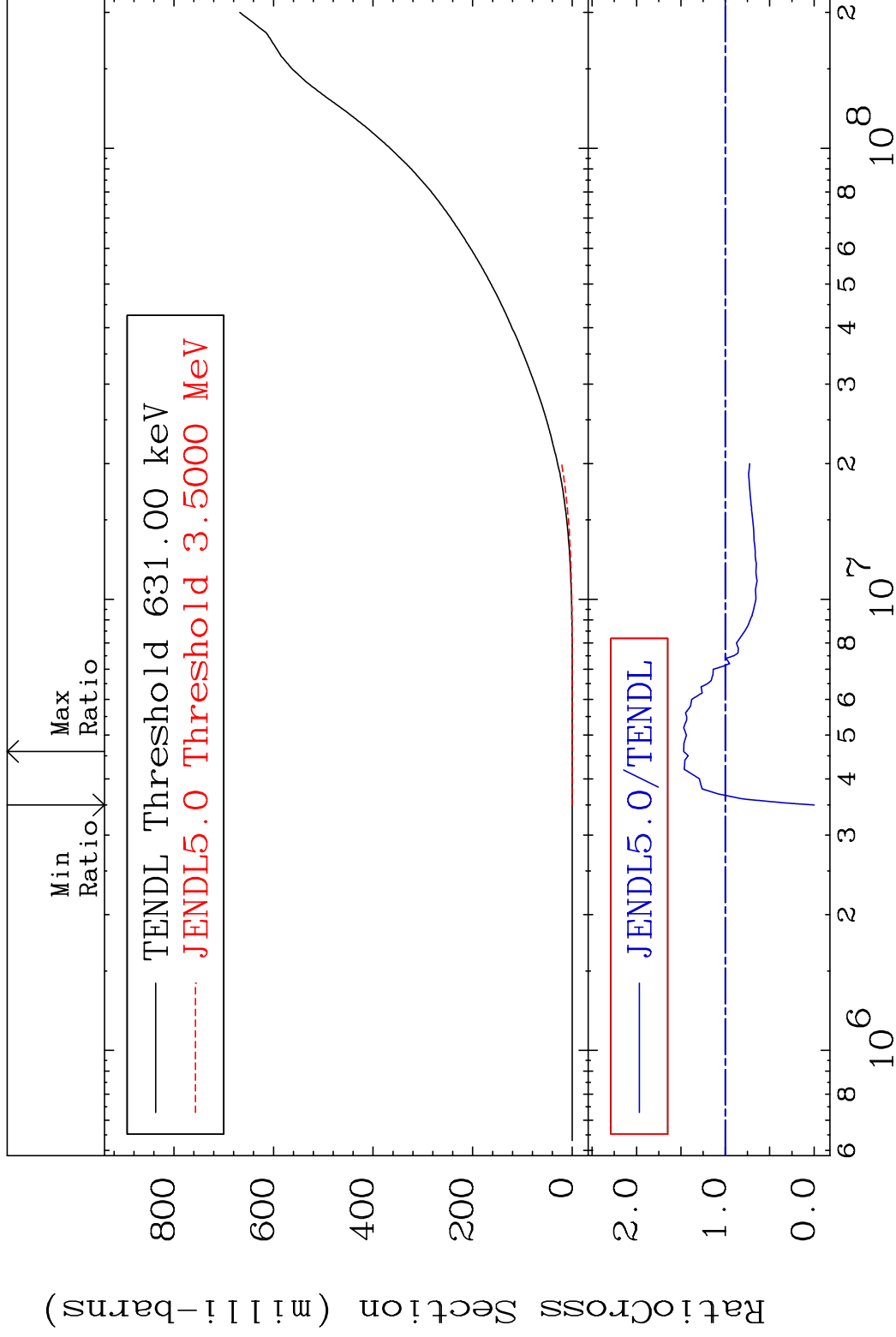
Incident Energy (eV)

51-Sb-123

MAT 5131

Hydrogen Production 51-Sb-123

Cross Section -100.0 To 46.91 %



34

Incident Energy (eV)

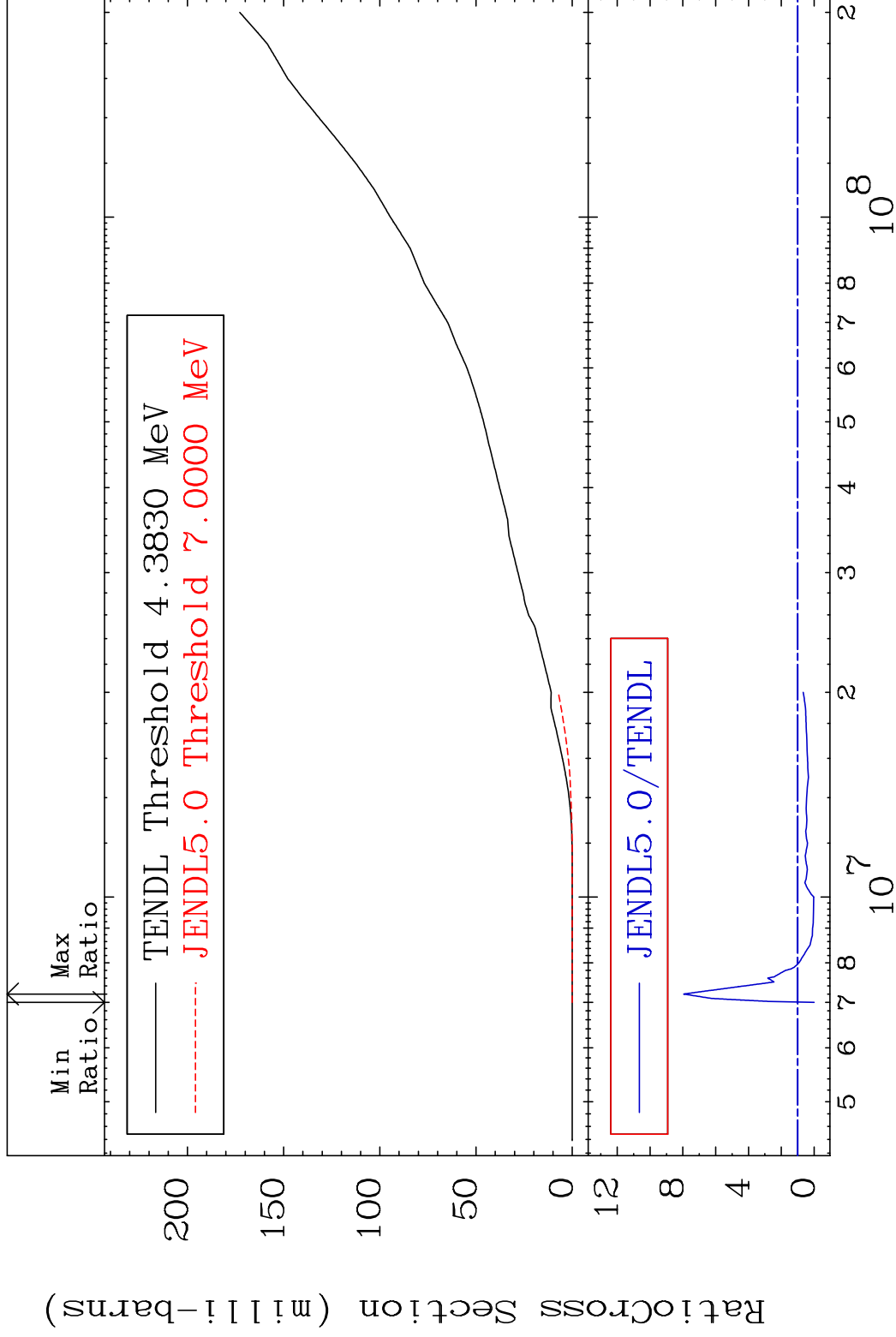
51-Sb-123

MAT 5131

Deuterium Production

51-Sb-123

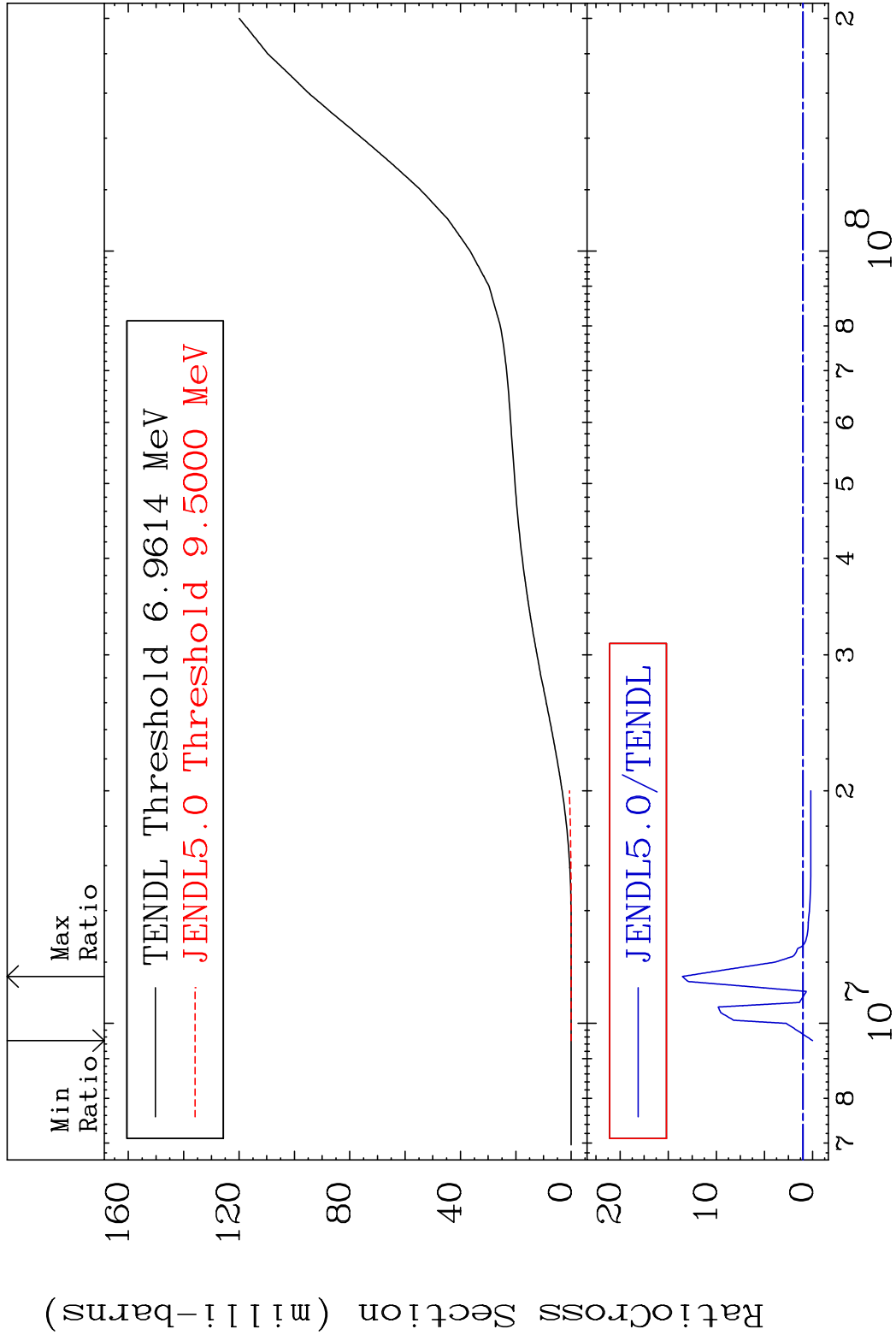
Cross Section -100.0 To 695.1 %



35

Incident Energy (eV)

51-Sb-123

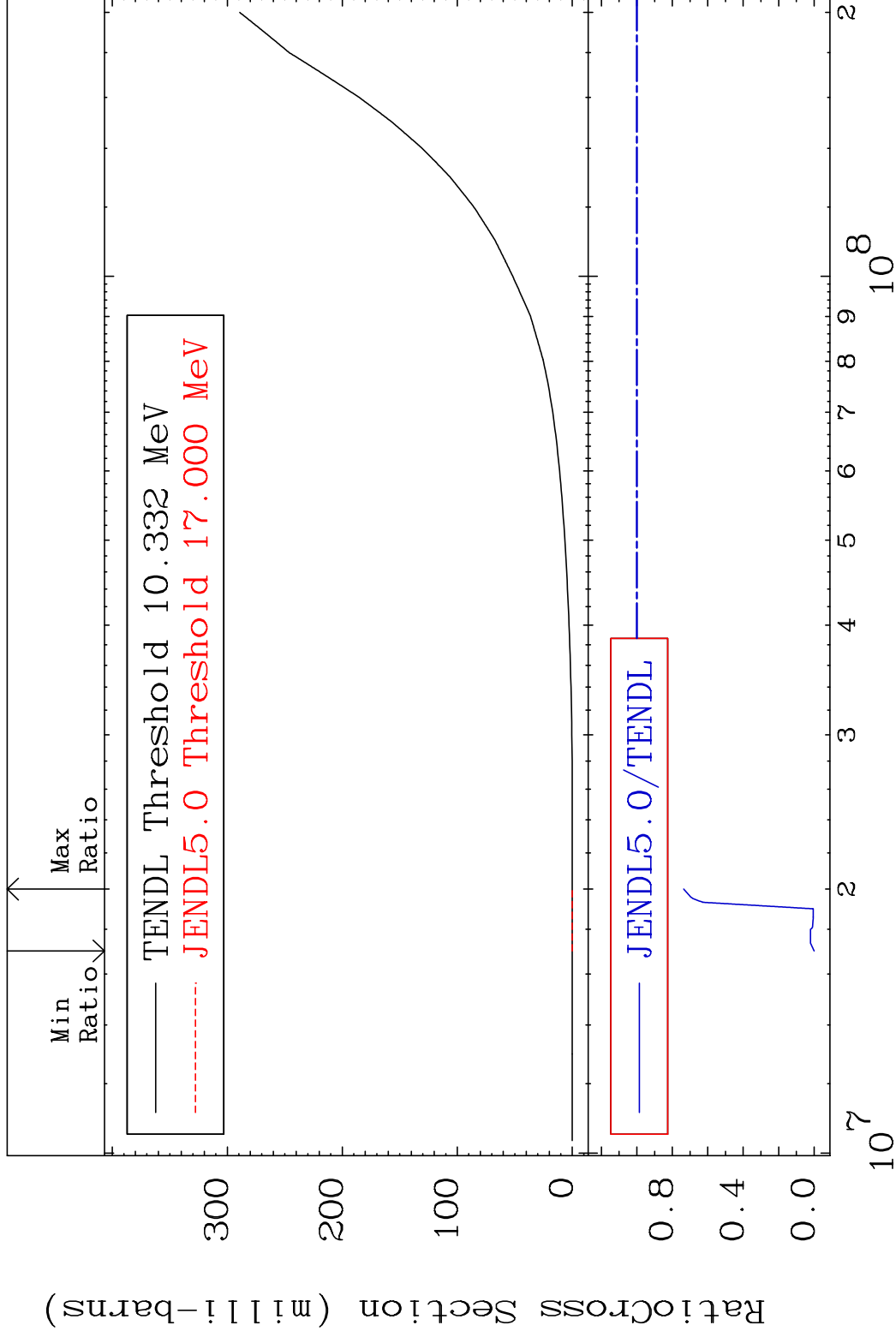


MAT 5131

He-3 Production

51-Sb-123

Cross Section -100.0 To -26.40%



37

Incident Energy (eV)

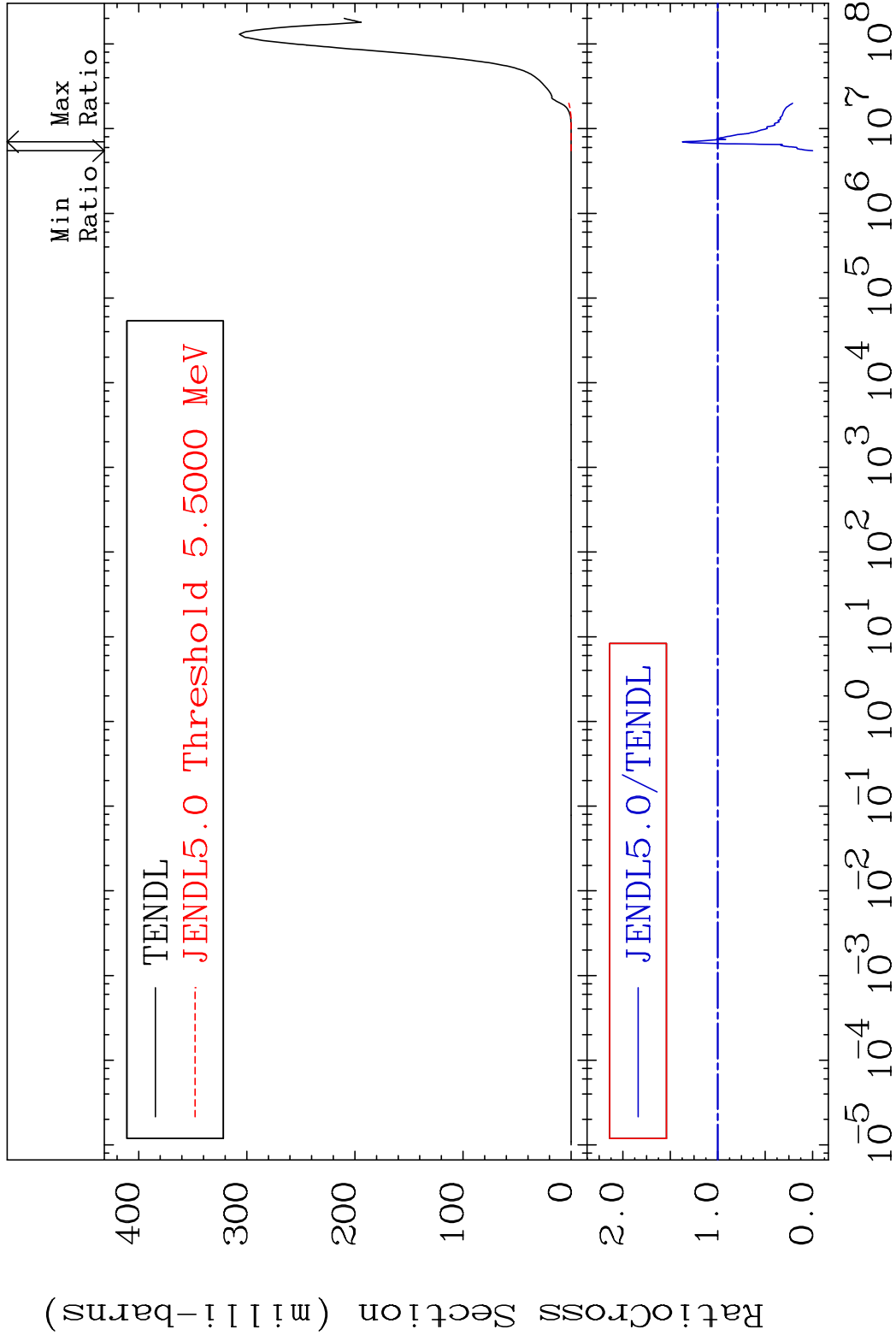
51-Sb-123

MAT 5131

He-4 Production

51-Sb-123

Cross Section -100.0 To 37.34 %

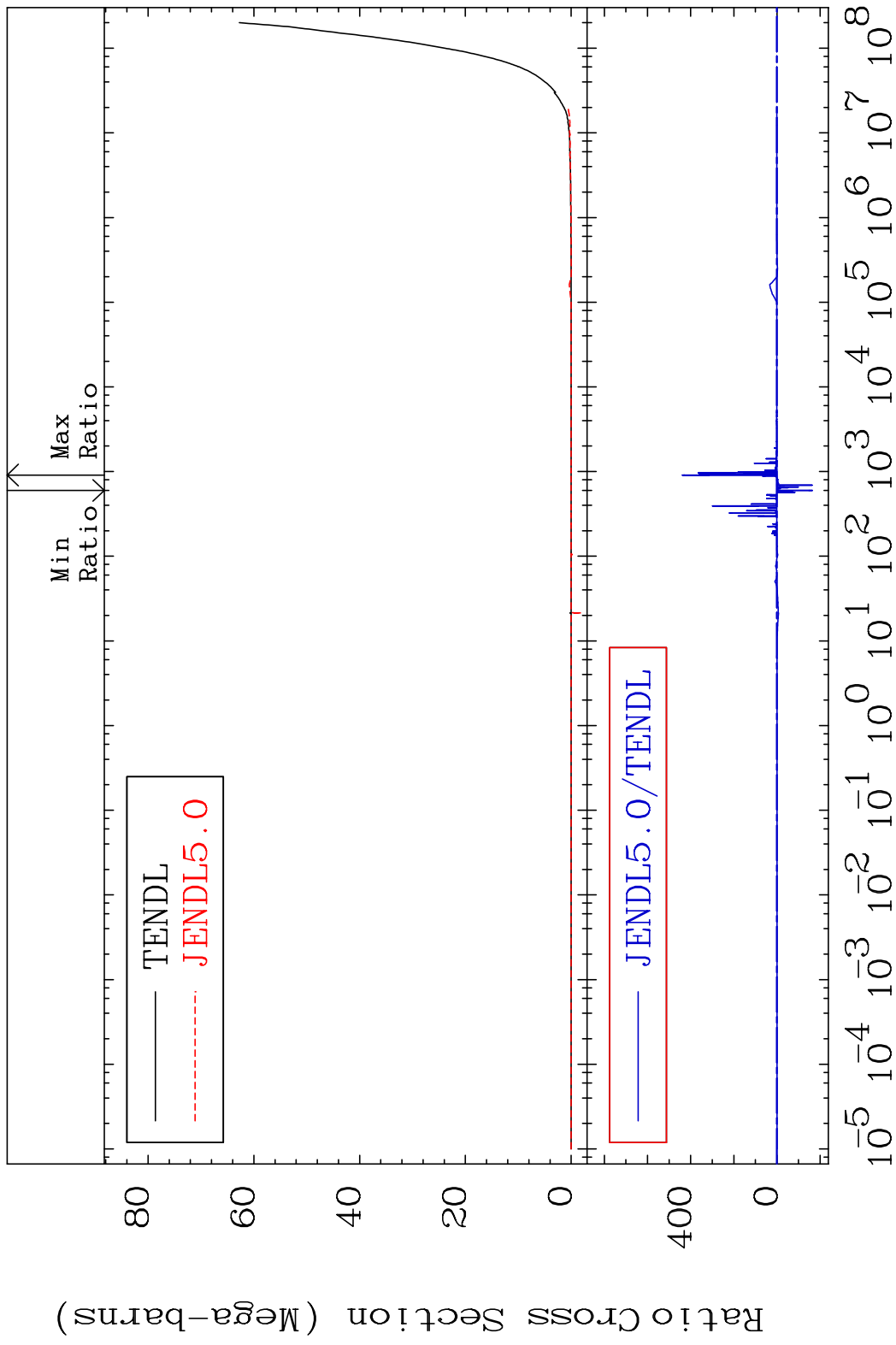


38

Incident Energy (eV)

51-Sb-123

MAT 5131 Kerma total (eV-barns) 51-Sb-123  
Cross Section -9999. To 9999. %



39 Incident Energy (eV) 51-Sb-123

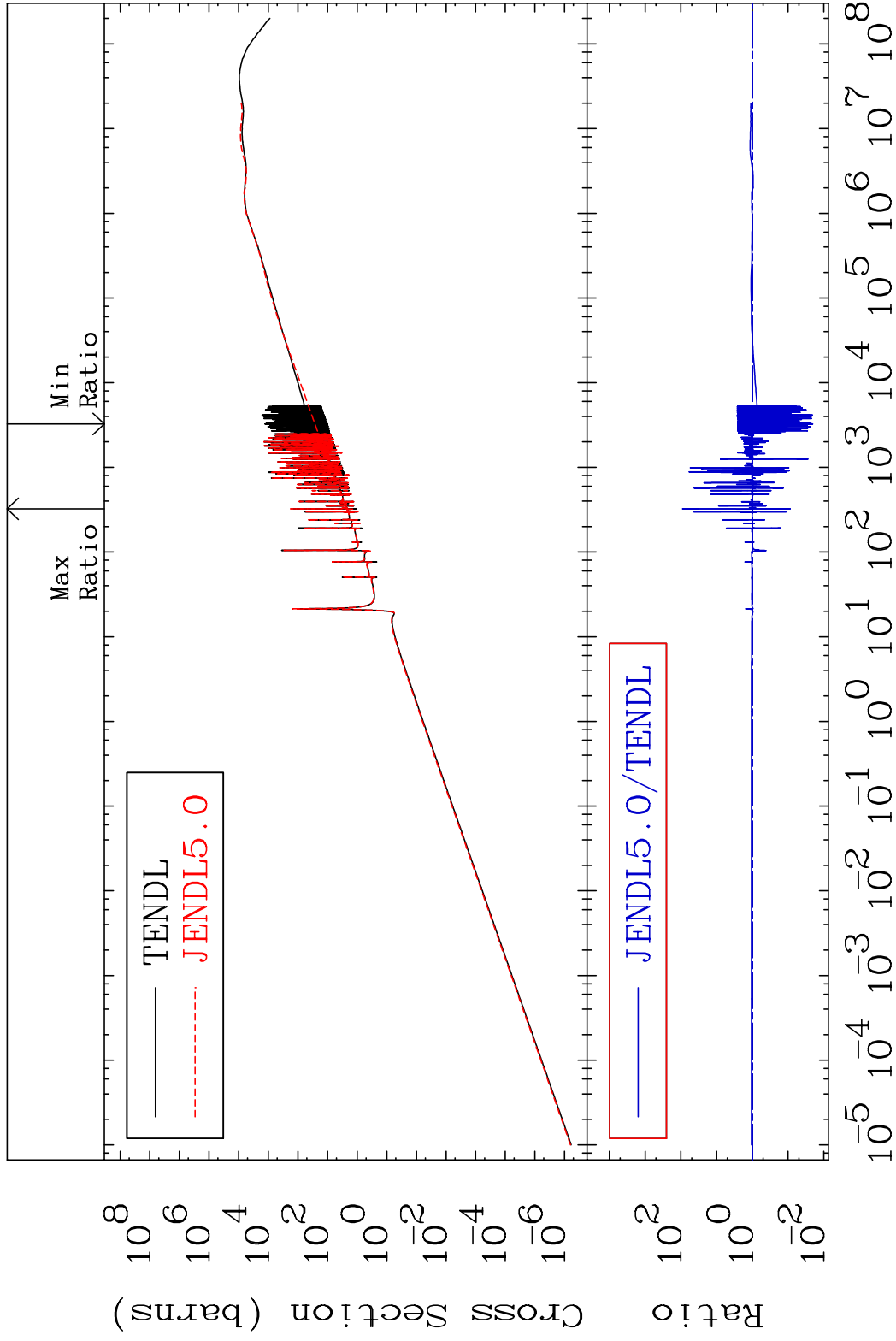


MAT 5131

Kerma elastic

51-Sb-123

Cross Section -97.94 To 8999. %

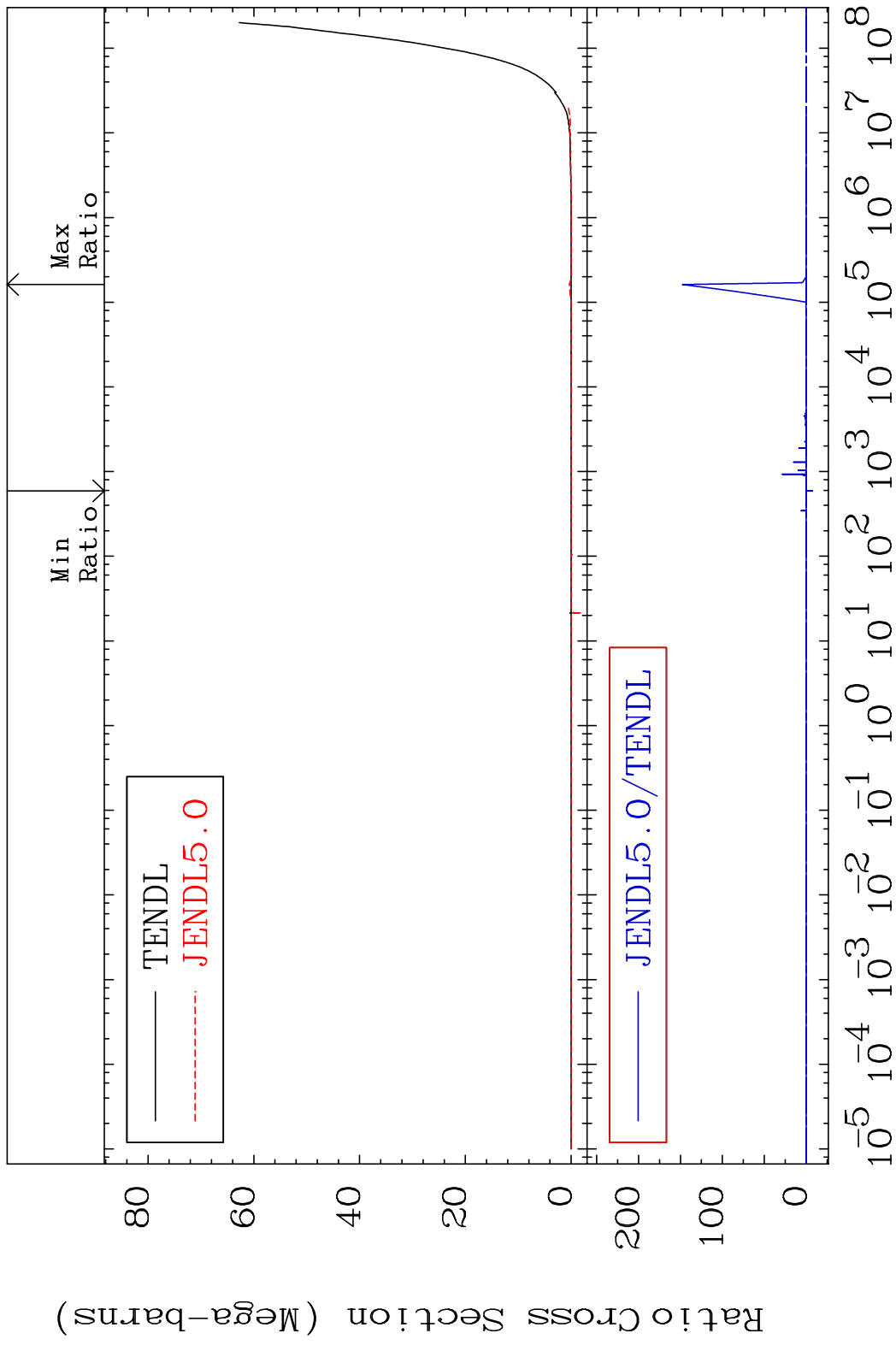


40

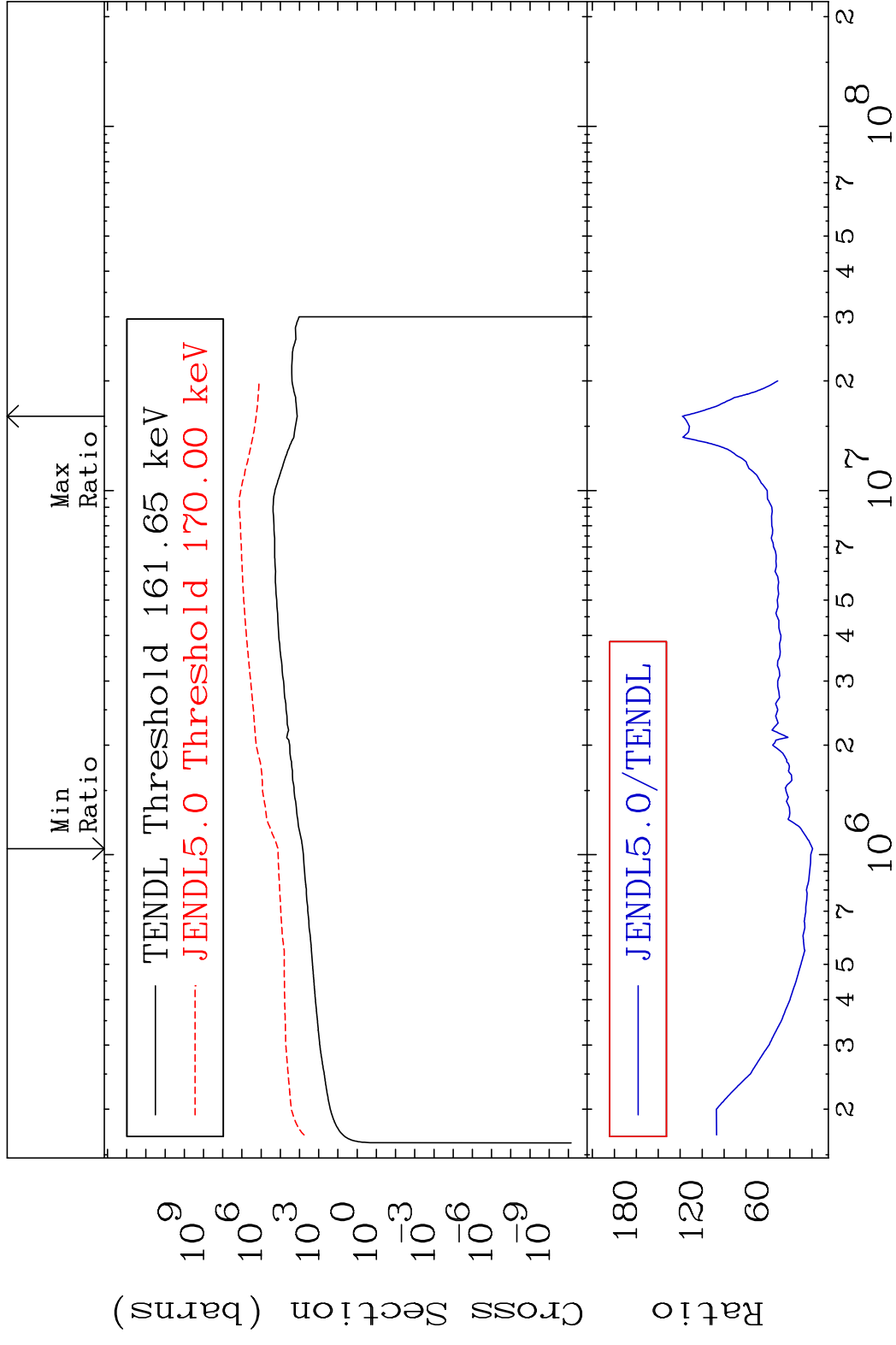
Incident Energy (eV)

51-Sb-123

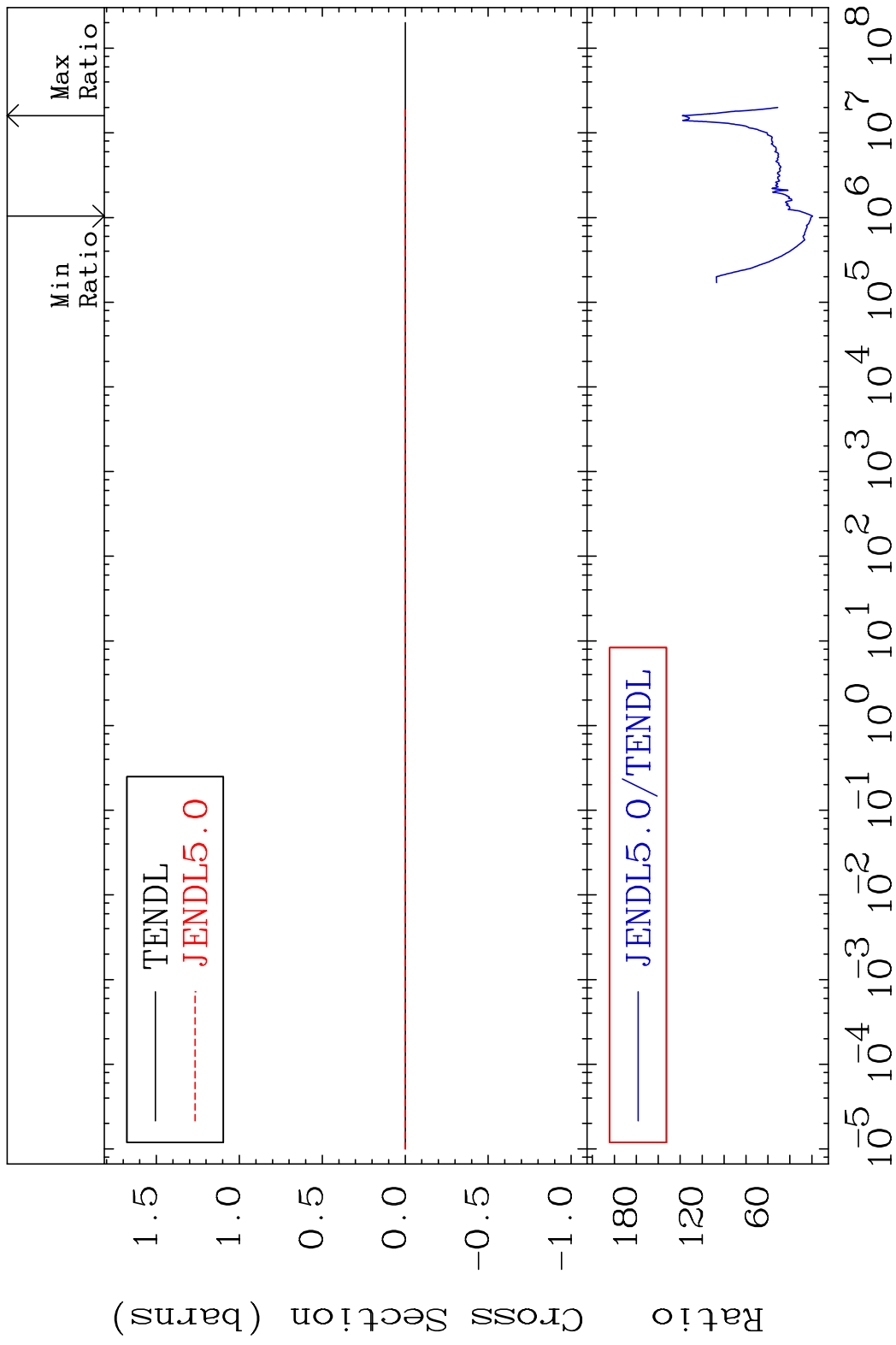
MAT 5131 Kerma non-elastic (all but mt2) 51-Sb-123  
 Cross Section -9999. To 9999. %



MAT 5131 Kerma inelastic (mt51-91) 51-Sb-123  
 Cross Section 1836. To 9999. %

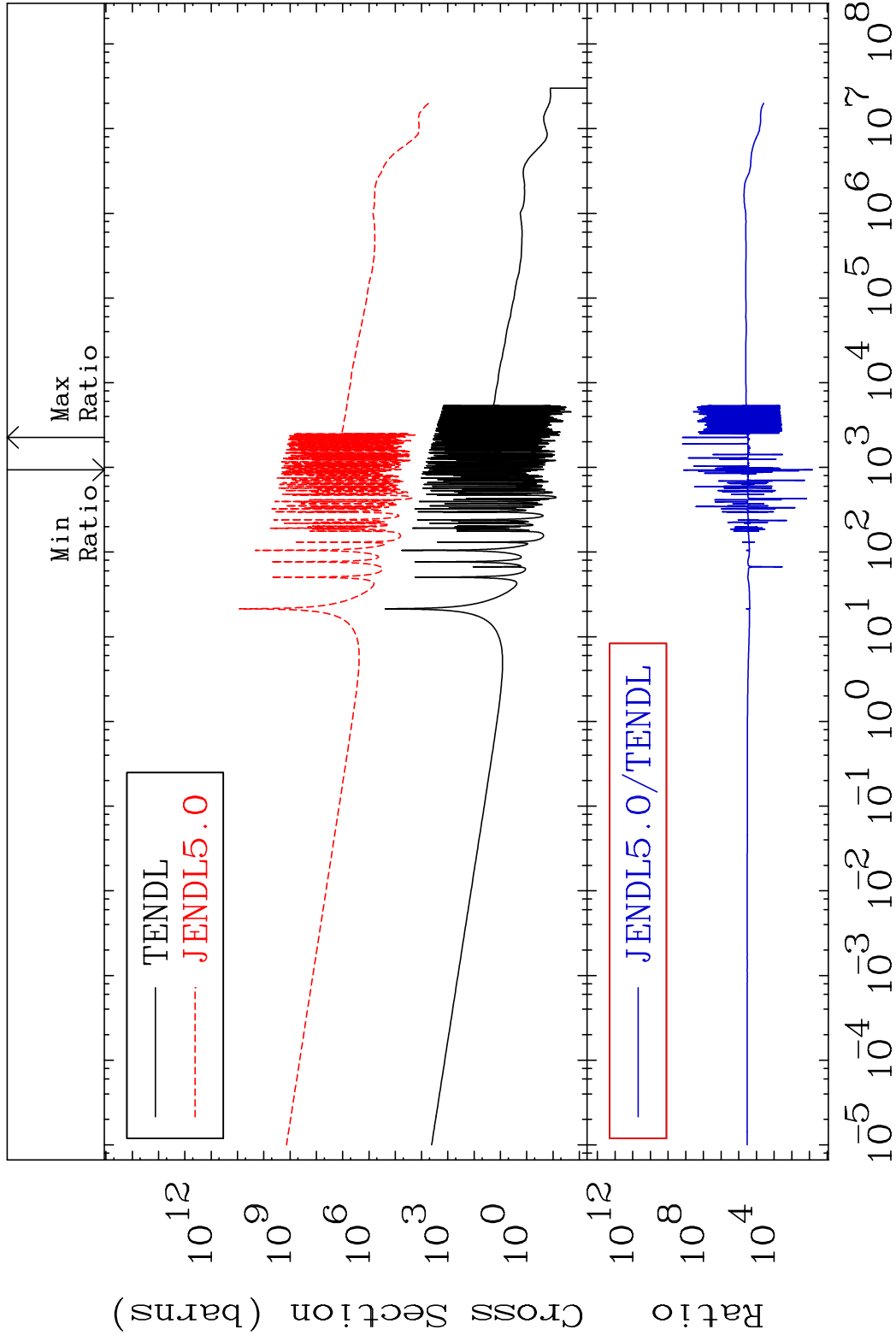


MAT 5131 Kerma fission (mt18 or mt19-20-21-38) 51-Sb-123  
 Cross Section 1836. To 9999. %

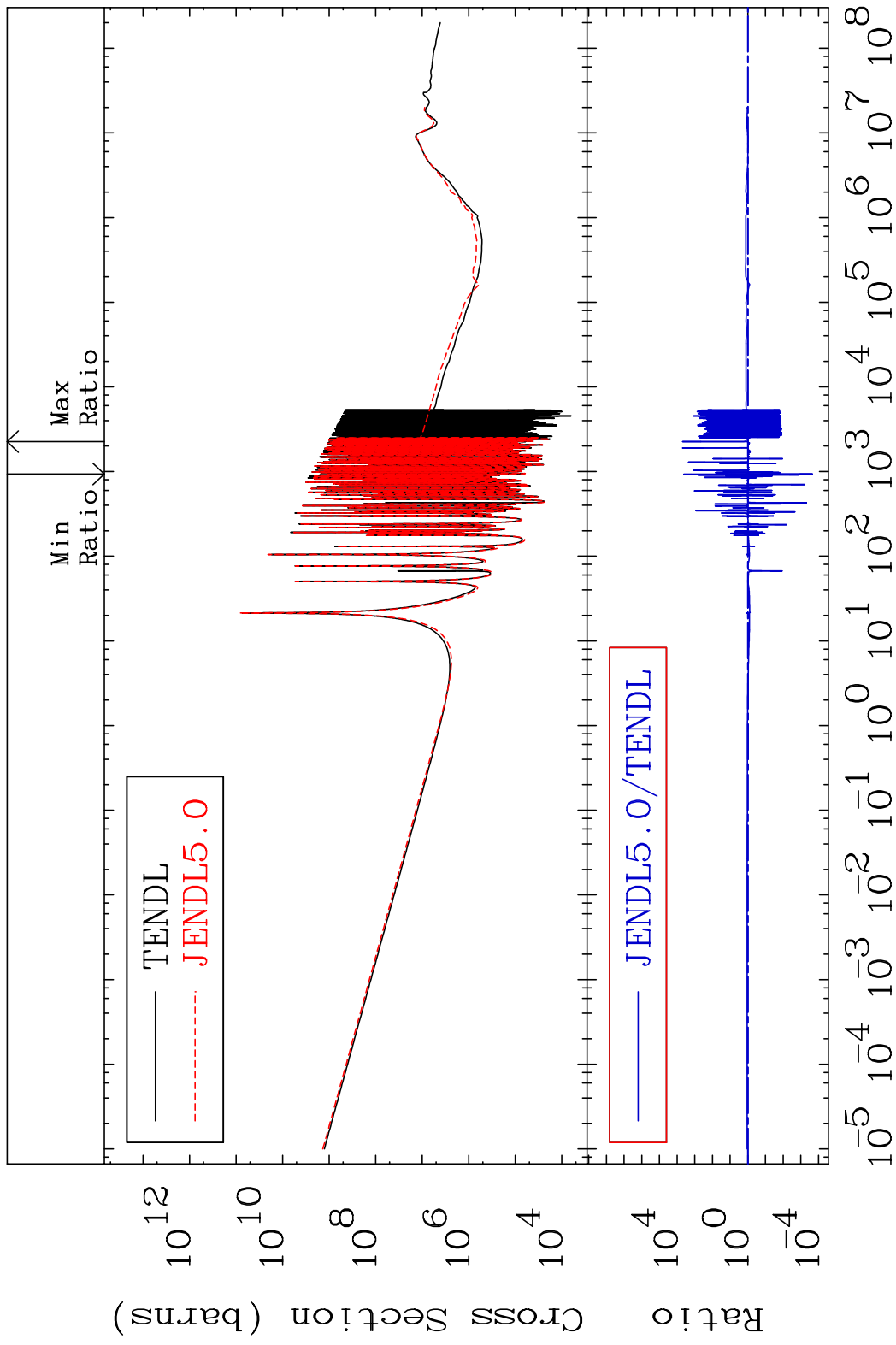


MAT 5131

Kerma capture (mt102) 51-Sb-123  
Cross Section 6553. To 9999. %

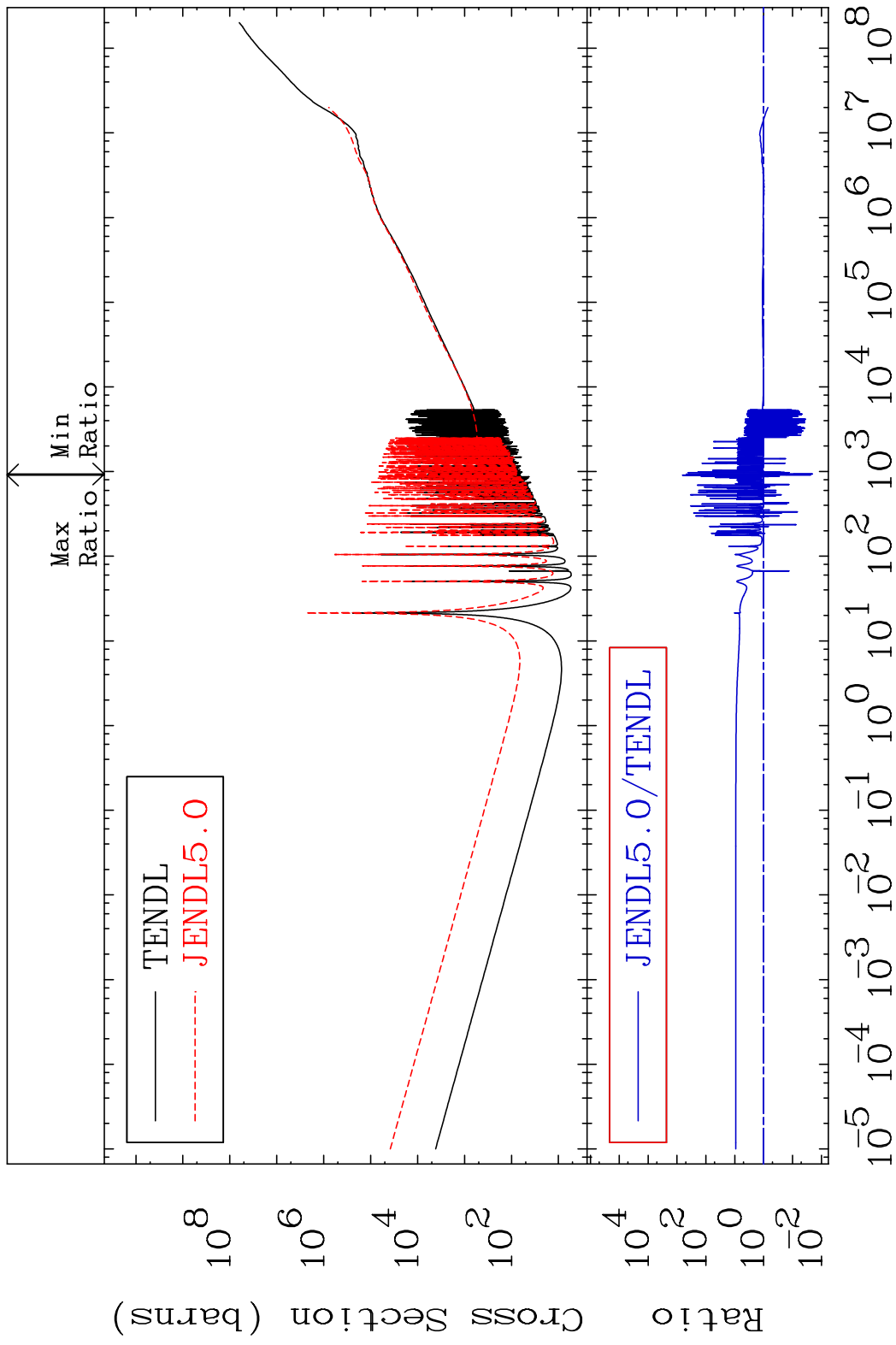


MAT 5131 Total photon (eV-barns) 51-Sb-123  
Cross Section -99.98 To 9999. %



45 Incident Energy (eV) 51-Sb-123

MAT 5131 Total kinematic kerma (high limit) 51-Sb-123  
 Cross Section -97.97 To 9999. %

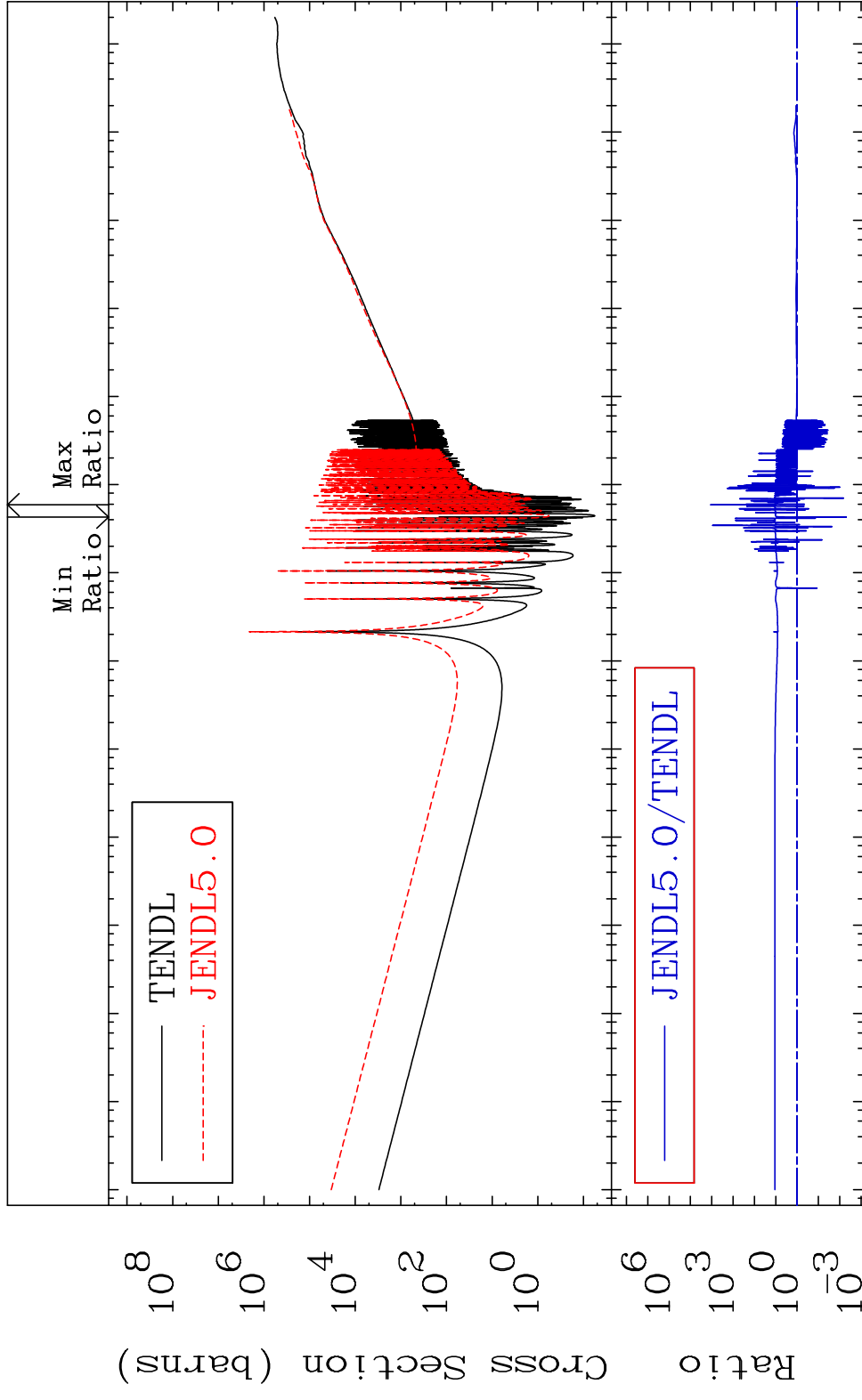


MAT 5131

Dpa total (eV-barns)

51-Sb-123

Cross Section -99.51 To 9999. %



47

Incident Energy (eV)

51-Sb-123

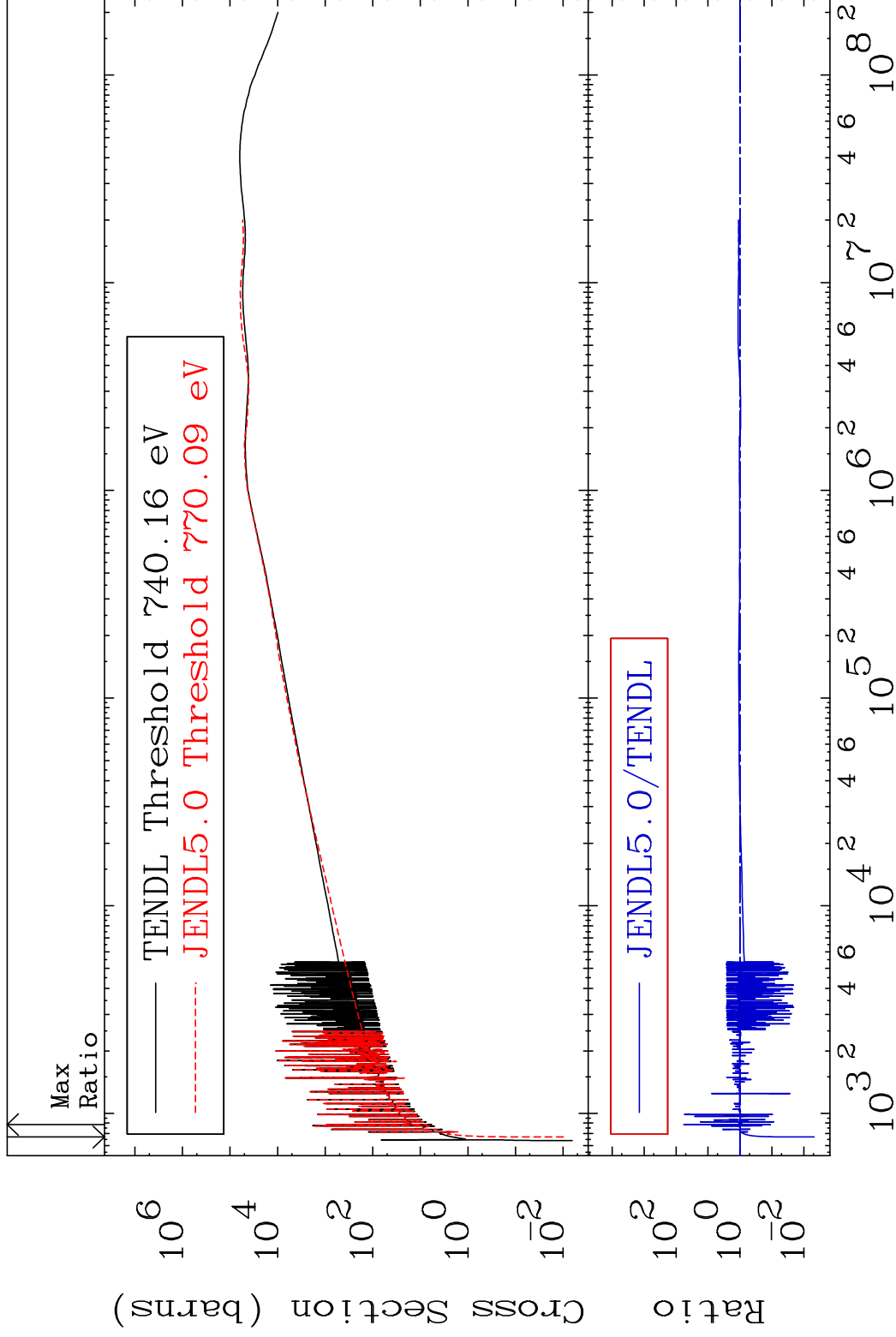


MAT 5131

Dpa elastic (mt2)

51-Sb-123

Cross Section -99.52 To 5681. %

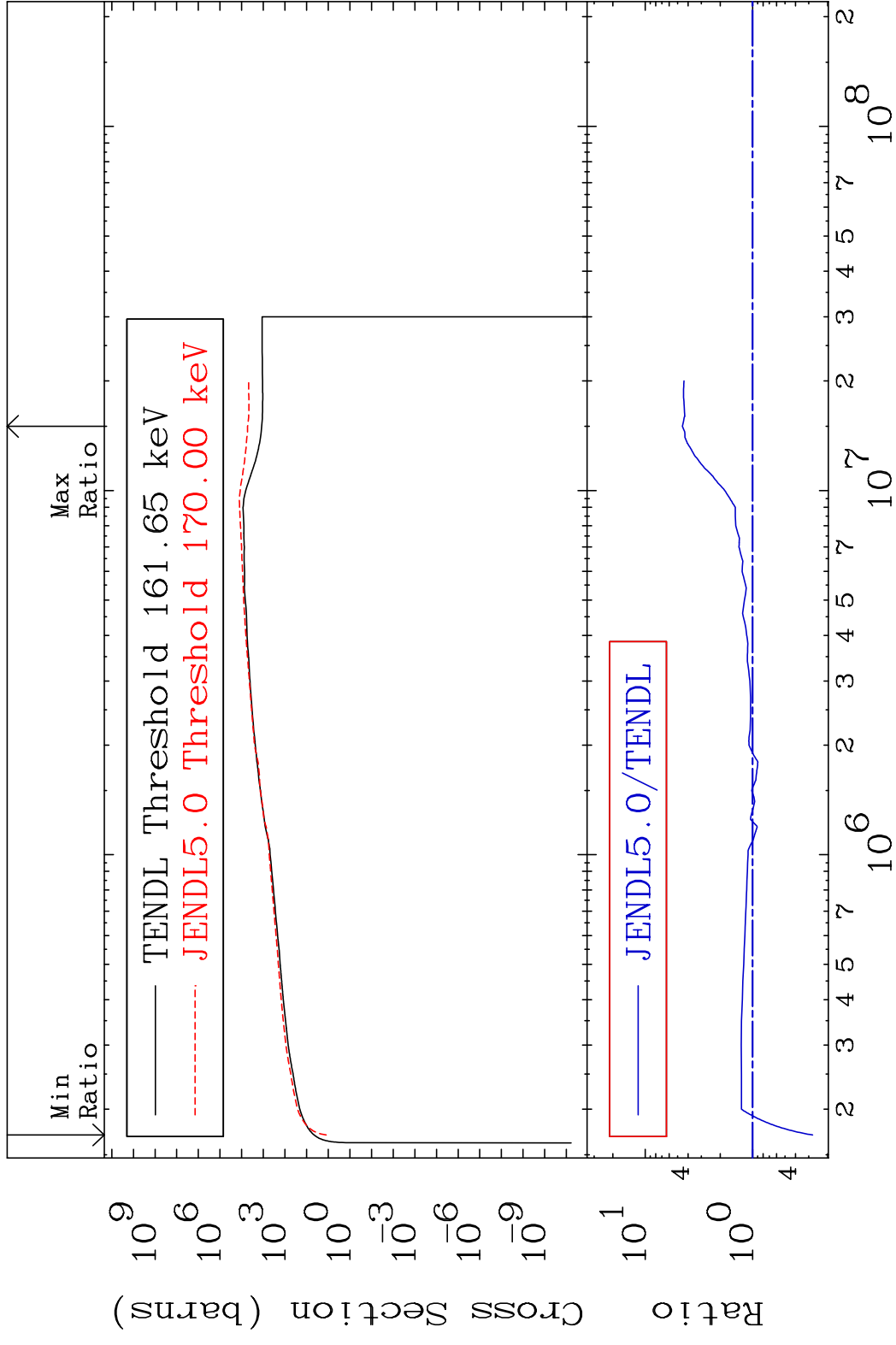


48

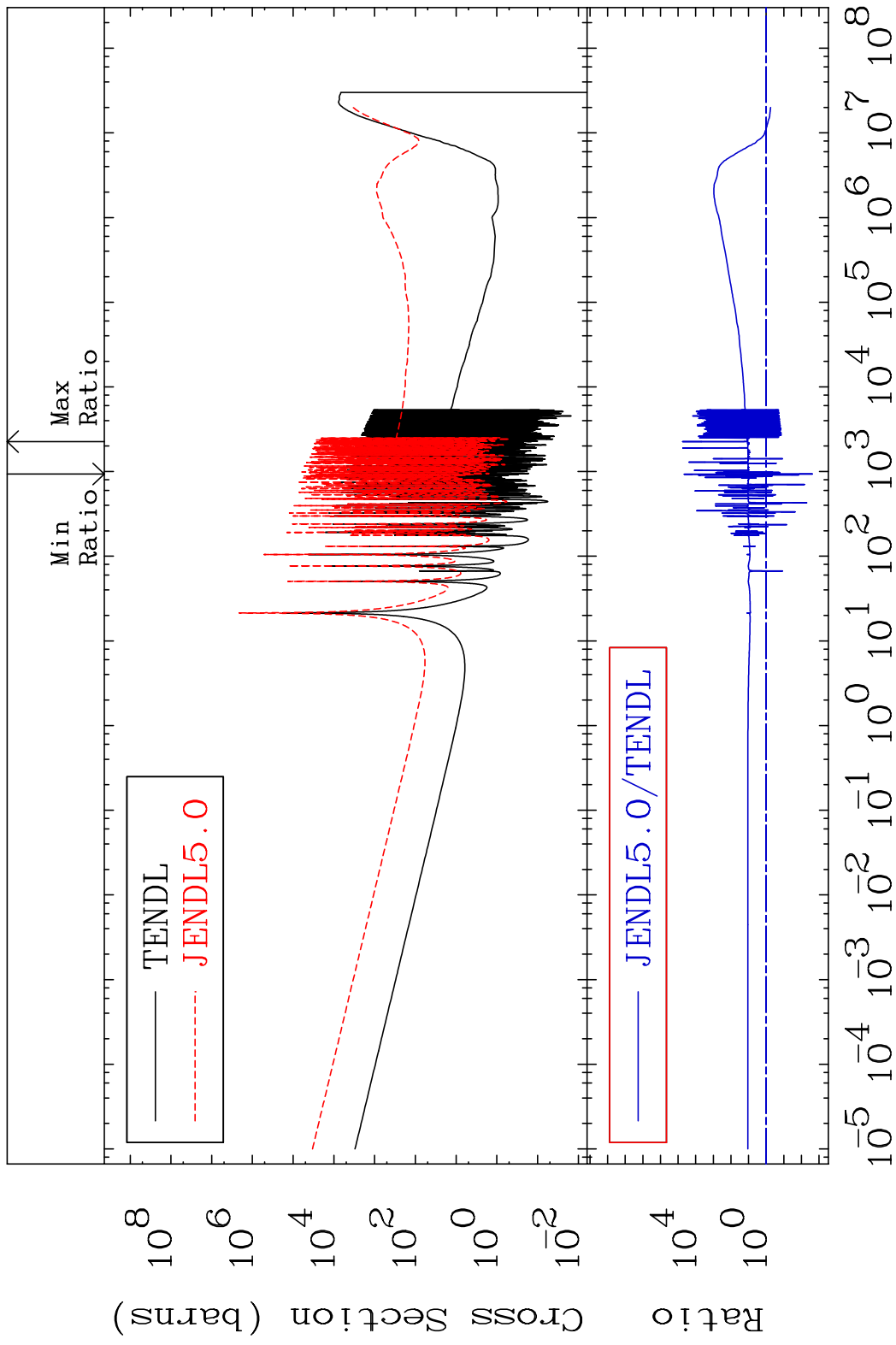
Incident Energy (eV)

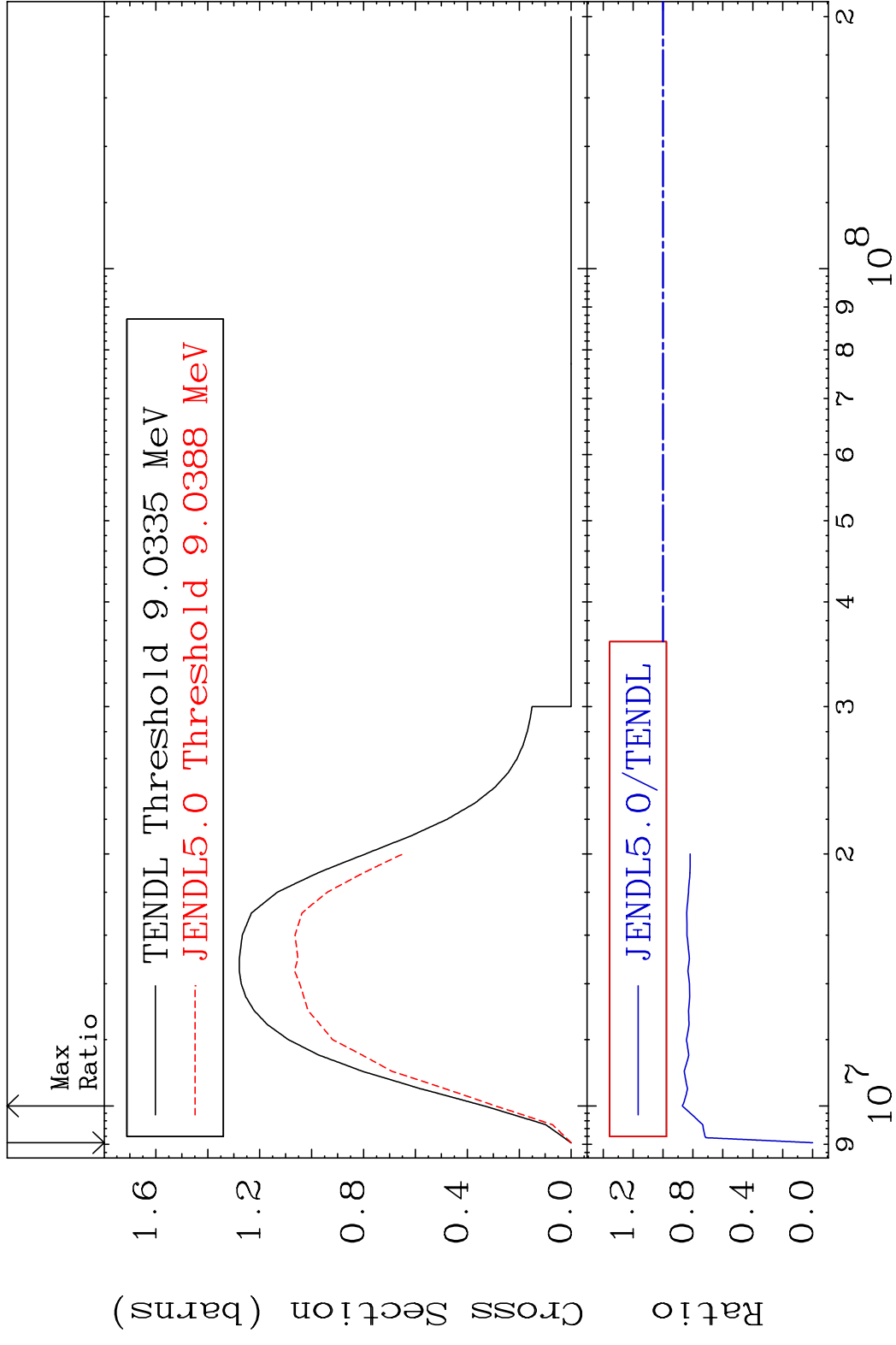
51-Sb-123

MAT 5131      Dpa inelastic (mt51-91)      51-Sb-123  
 Cross Section      -72.32 To 351.5 %

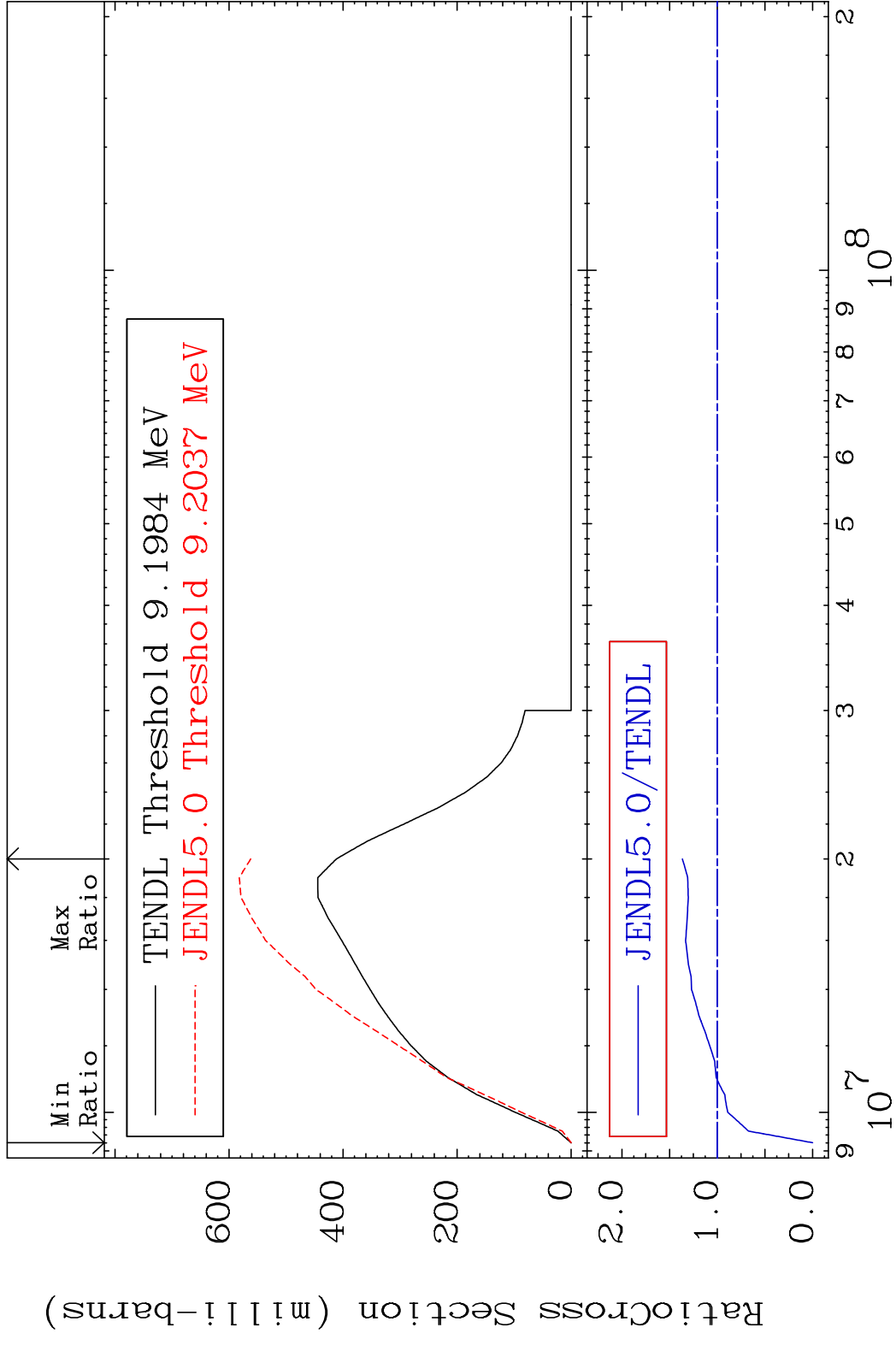


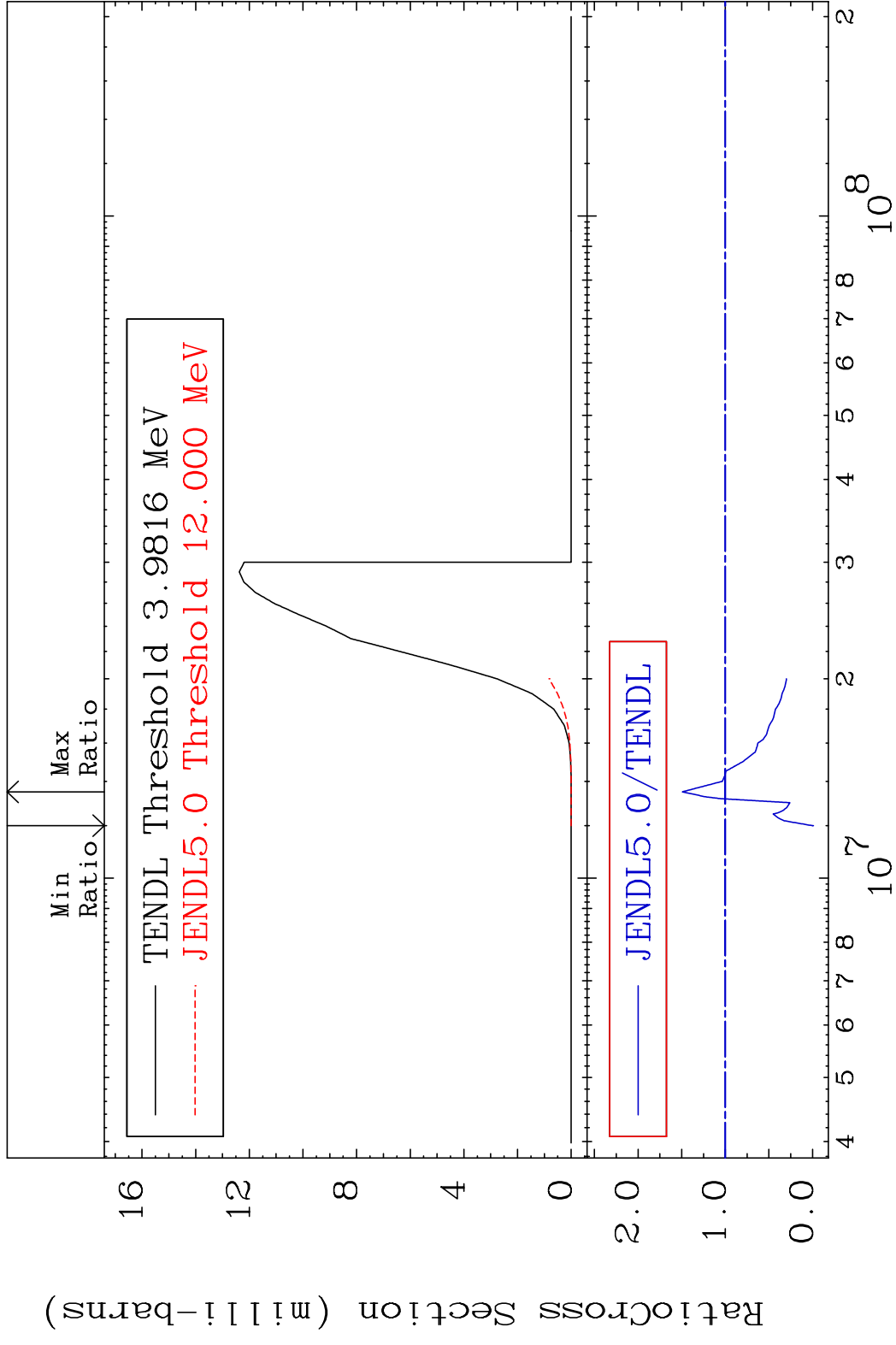
MAT 5131 Dpa disappearance (mt102 -120) 51-Sb-123  
 Cross Section -99.77 To 9999. %

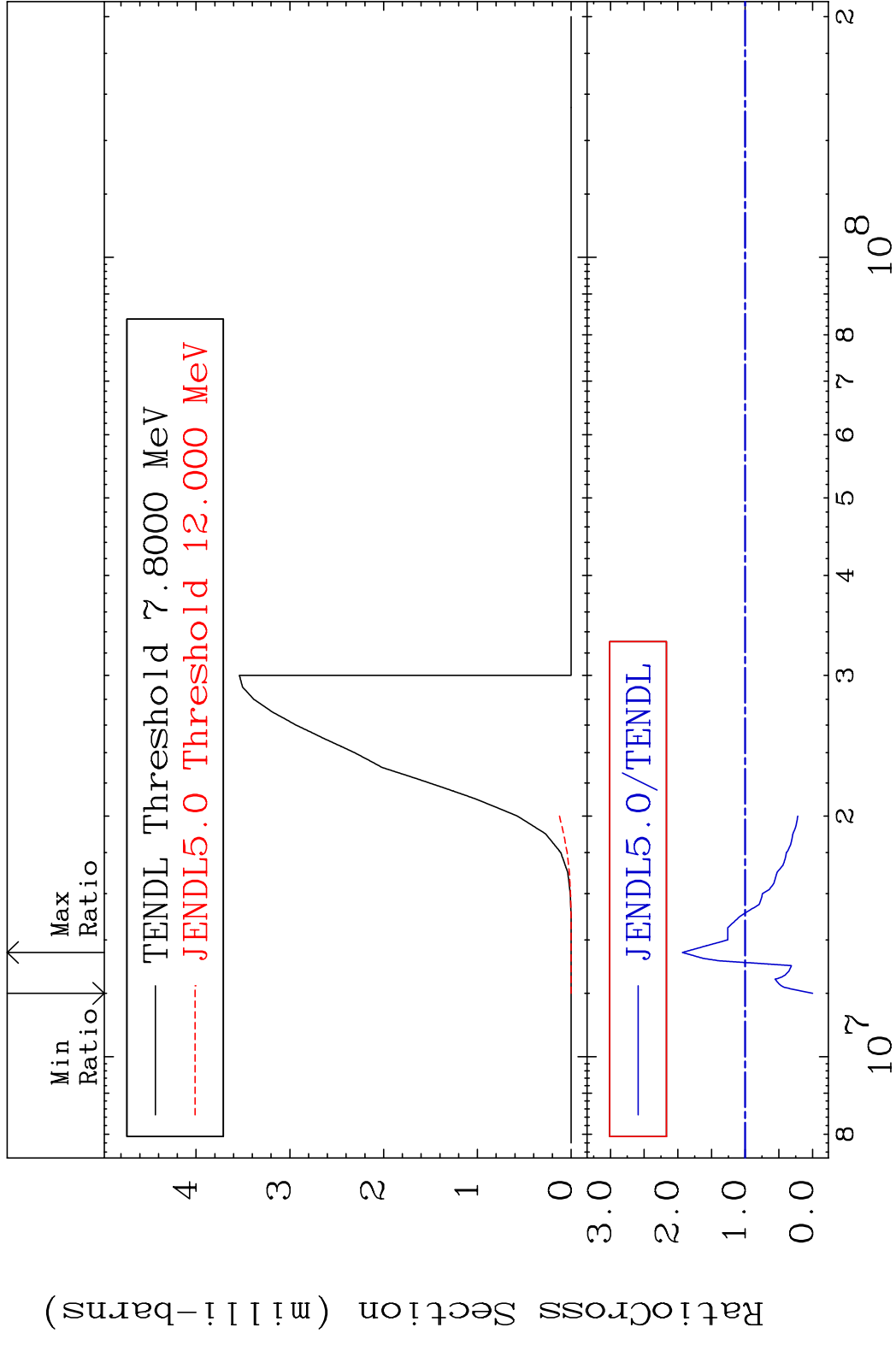


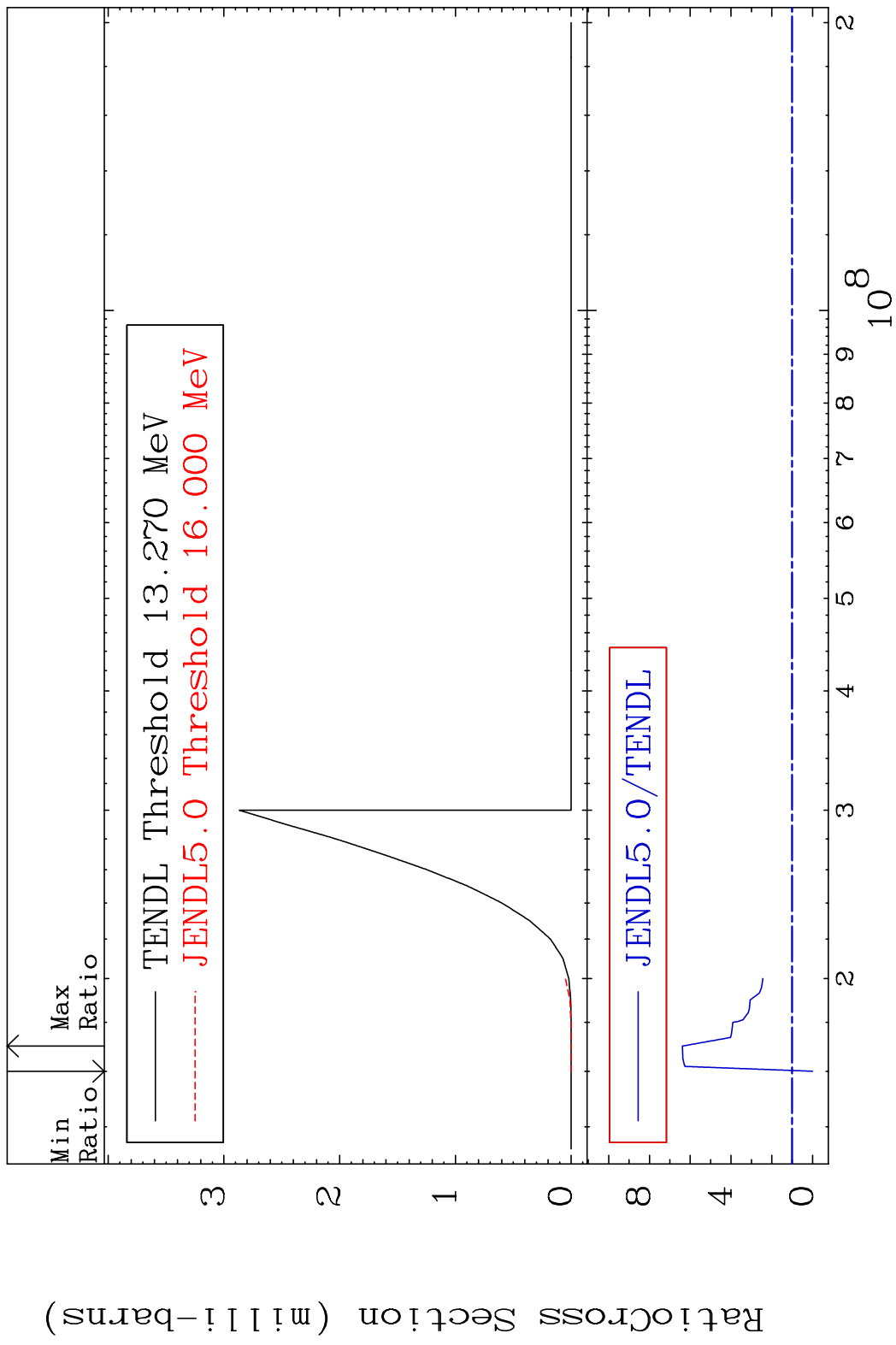


MAT 5131 (n,2n):51-Sb-122m5 51-Sb-123  
 Radionuclide Production Cross Section 36.54 %

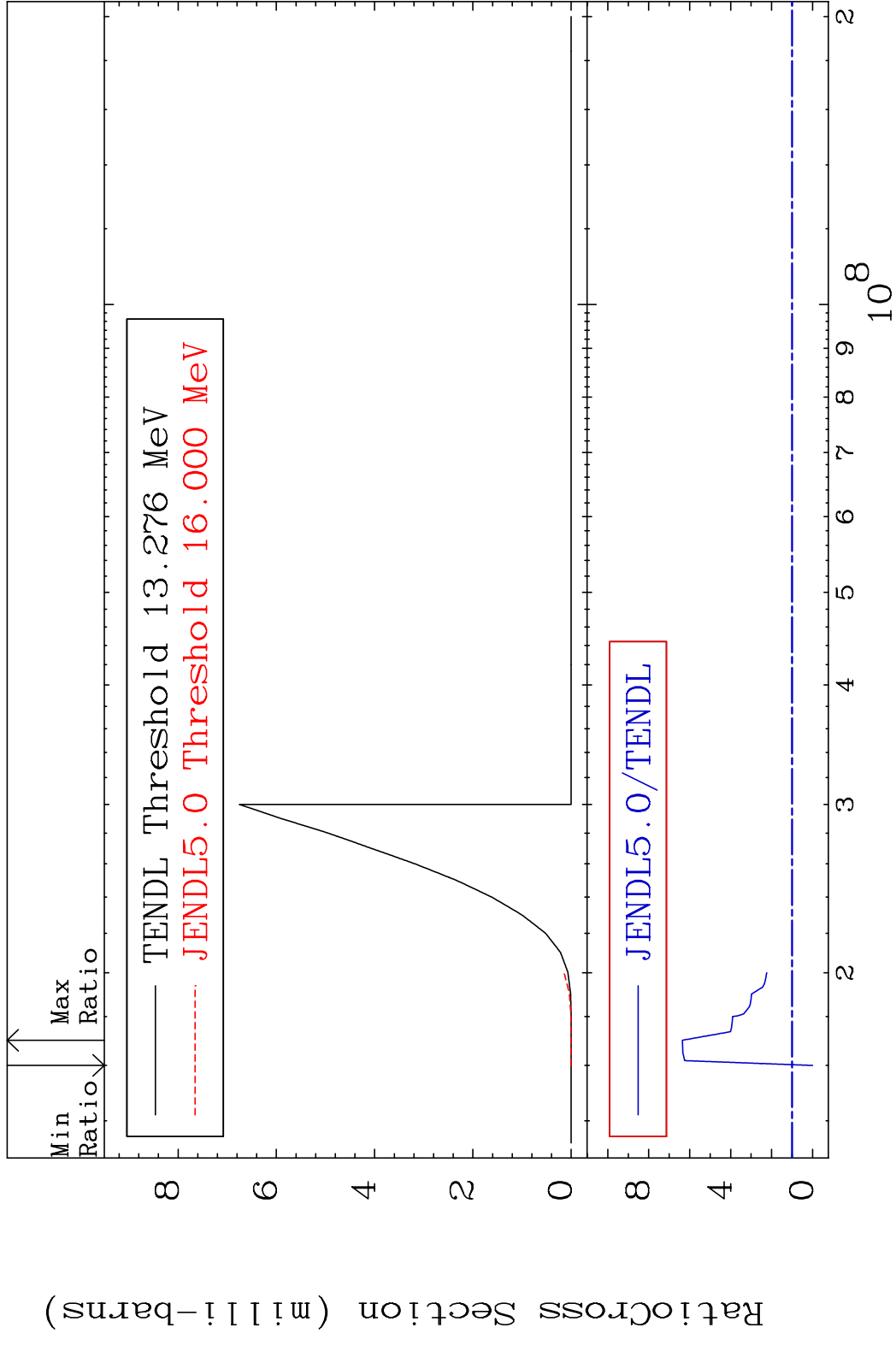


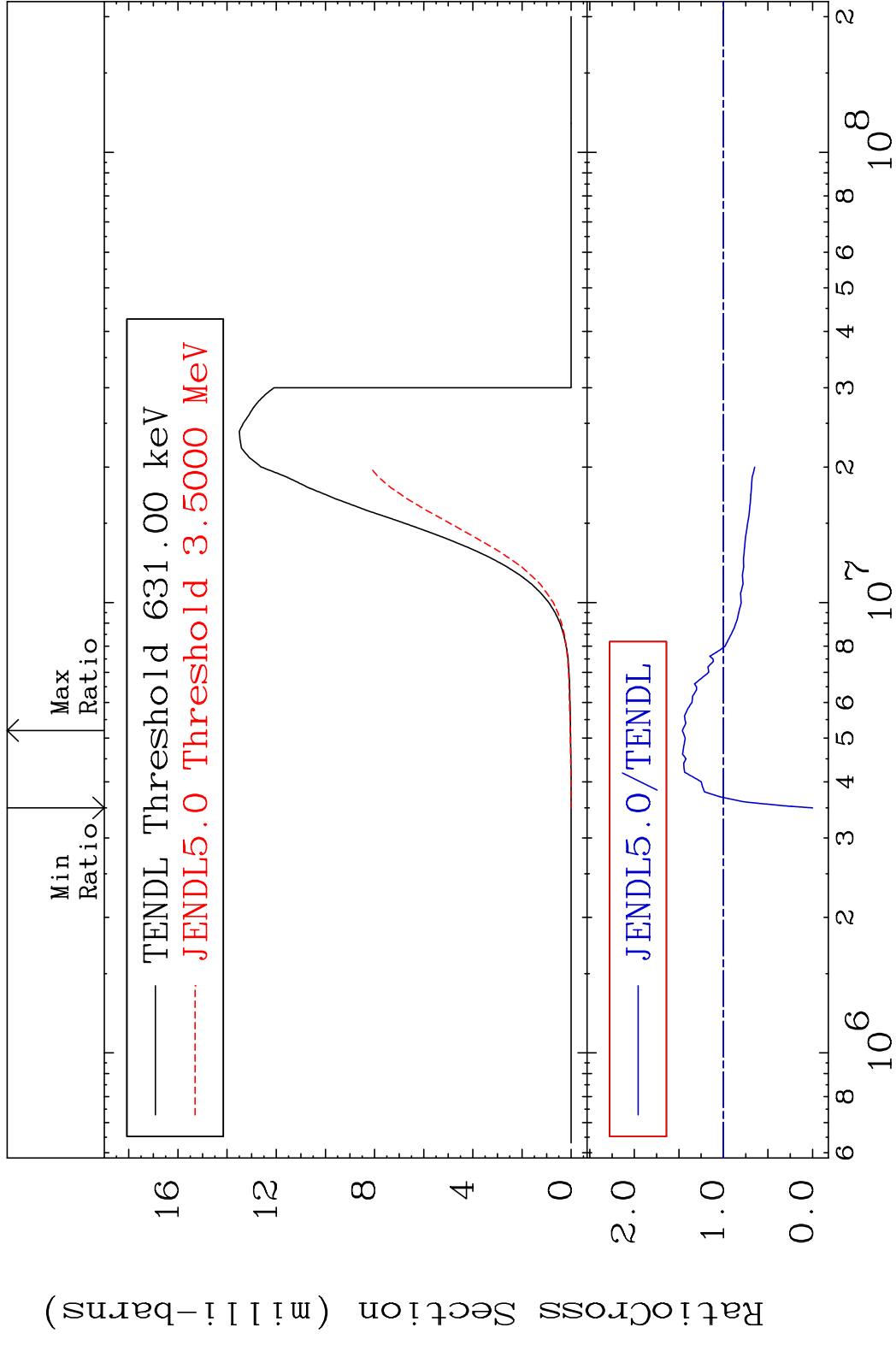




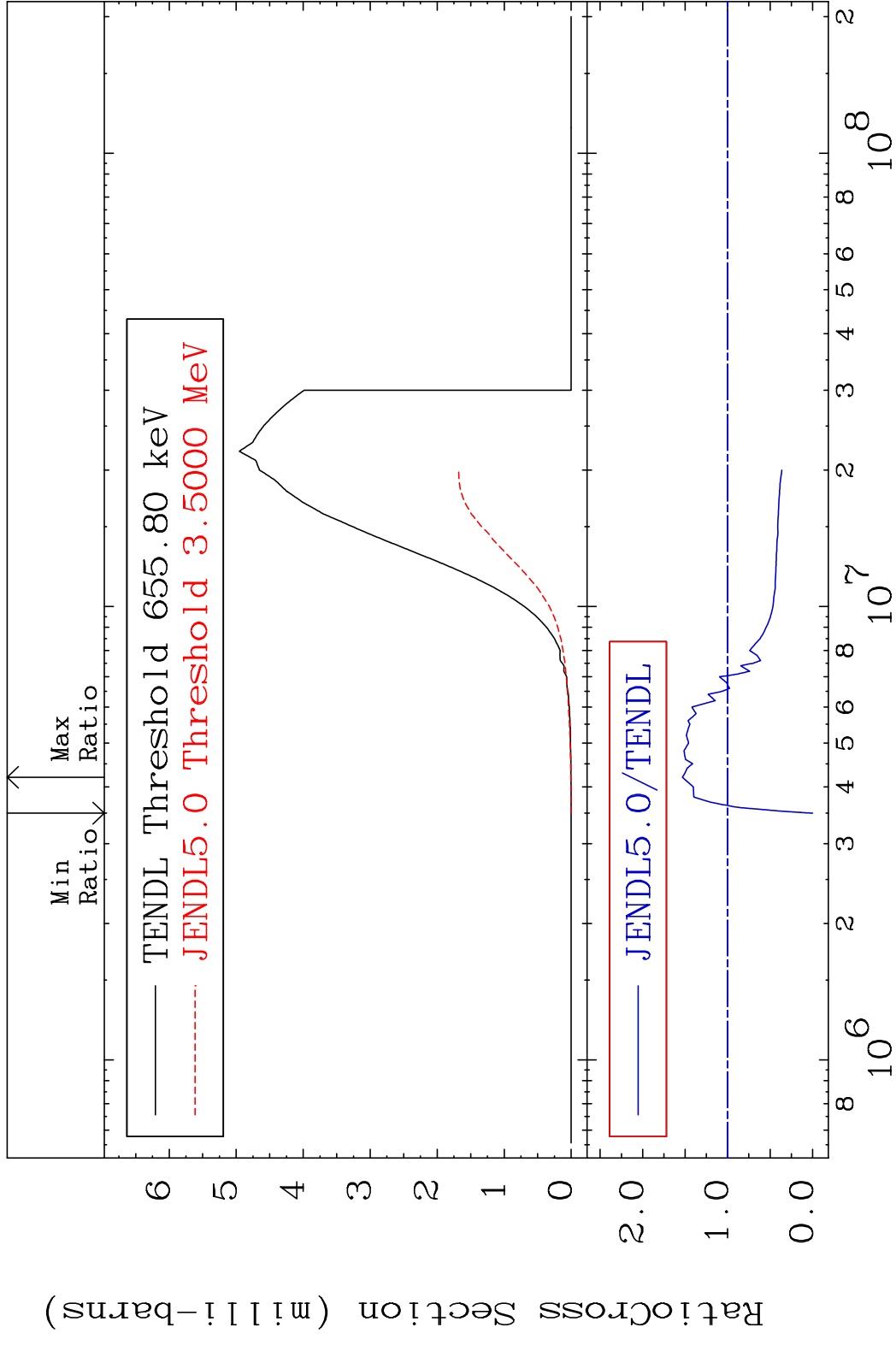


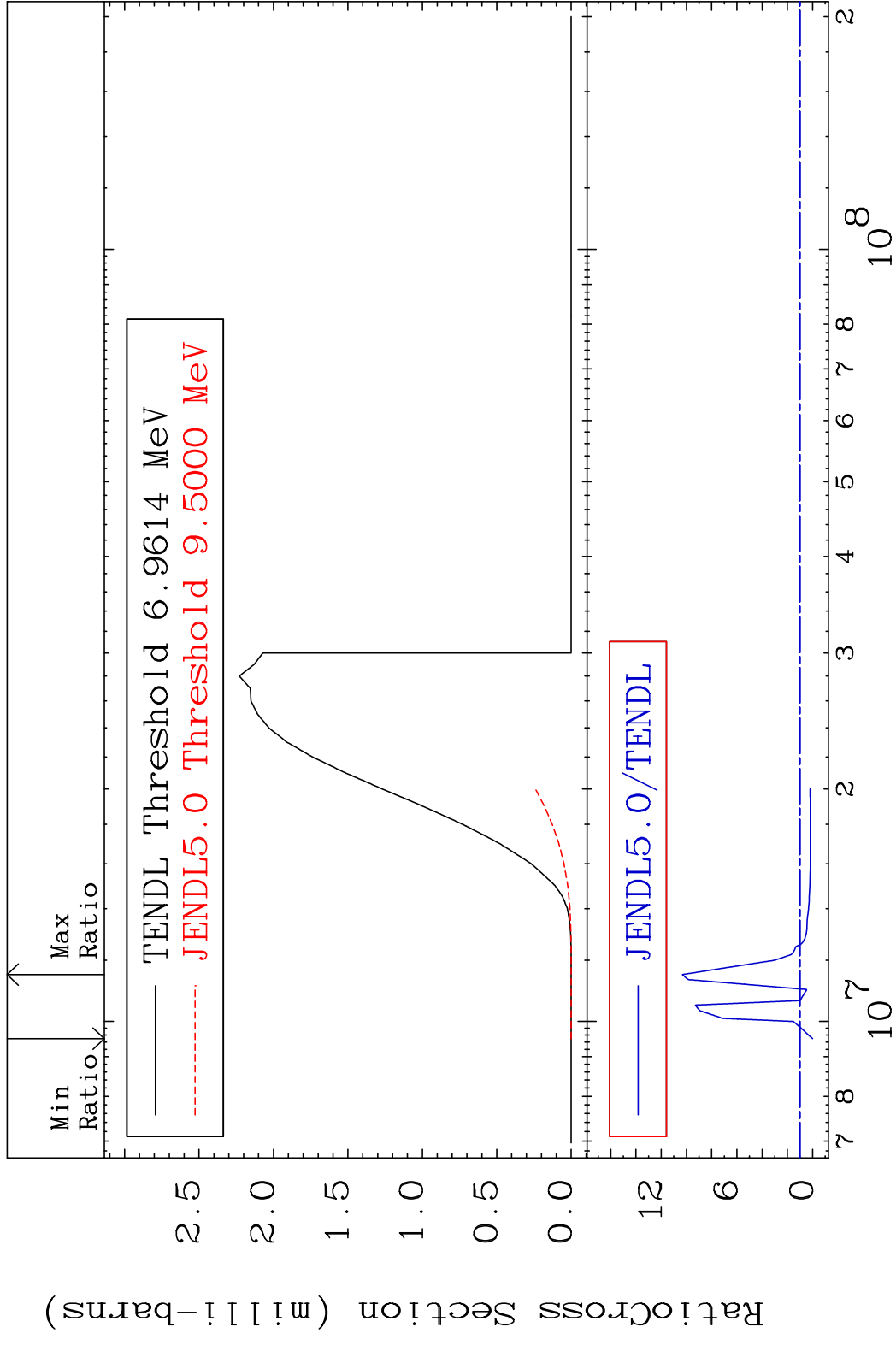




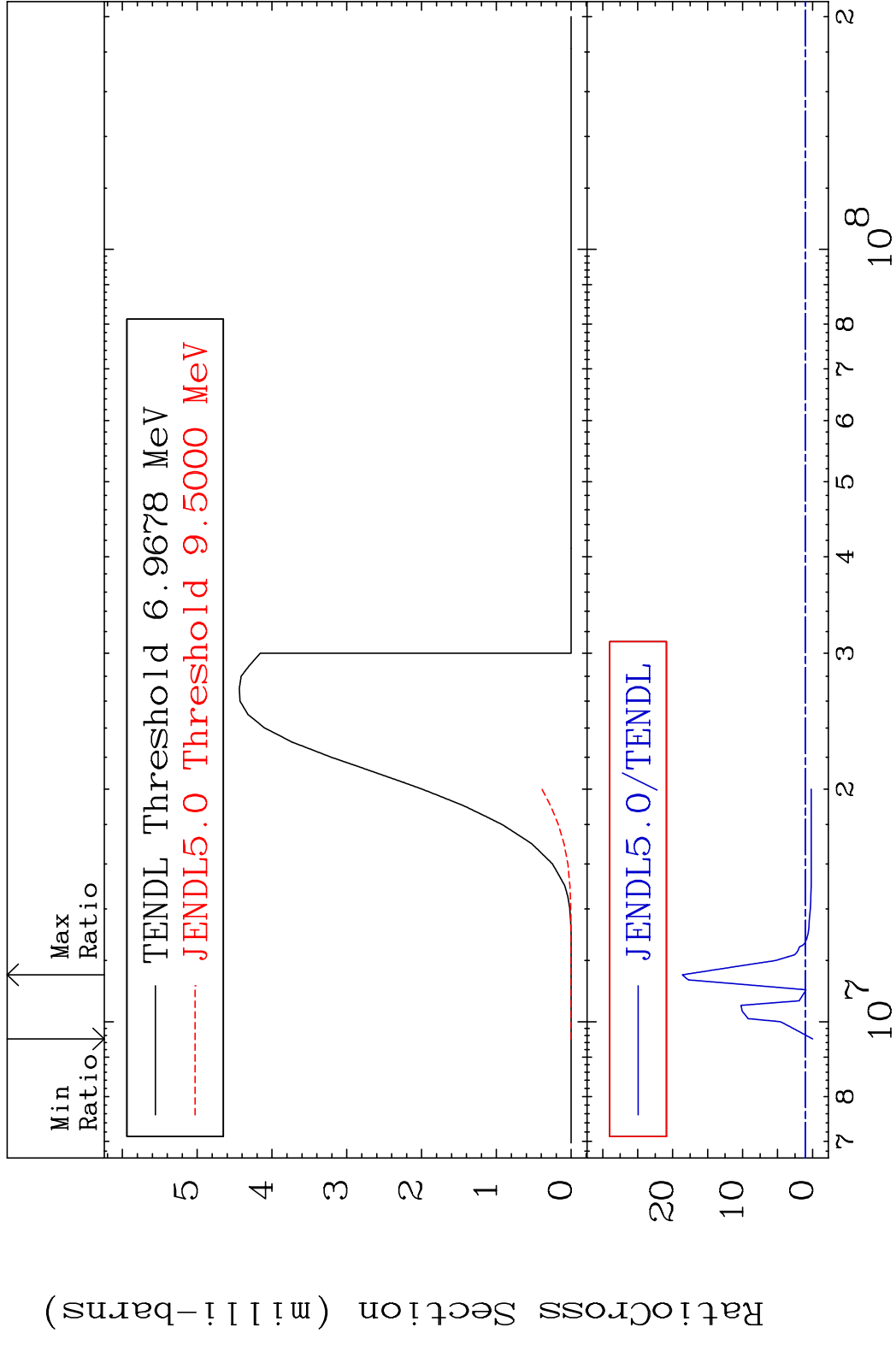


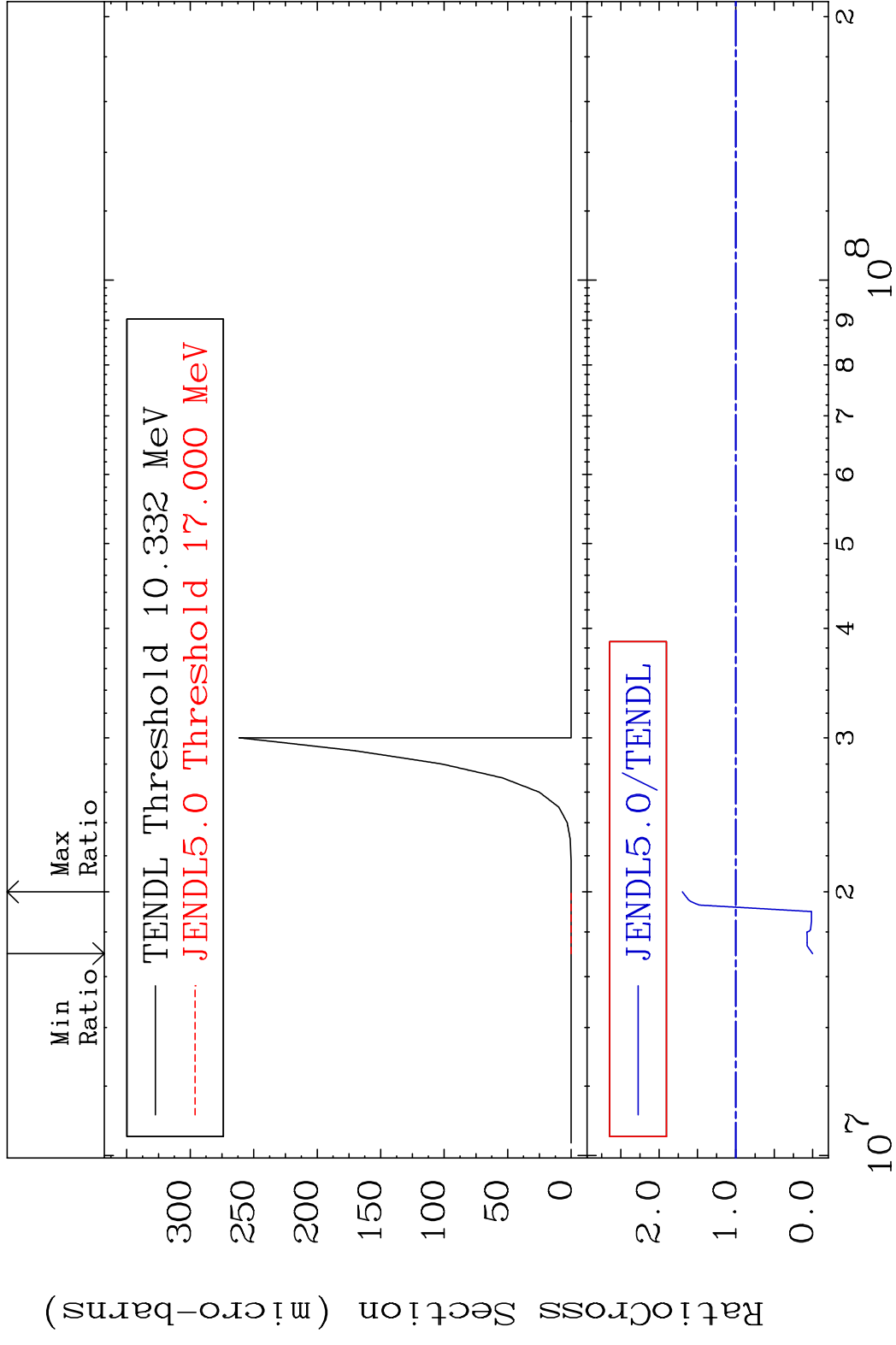
MAT 5131 (n, p):50-Sn-123m1 51-Sb-123  
 Radionuclide Production Cross Section 180.01 dth 53.25 %

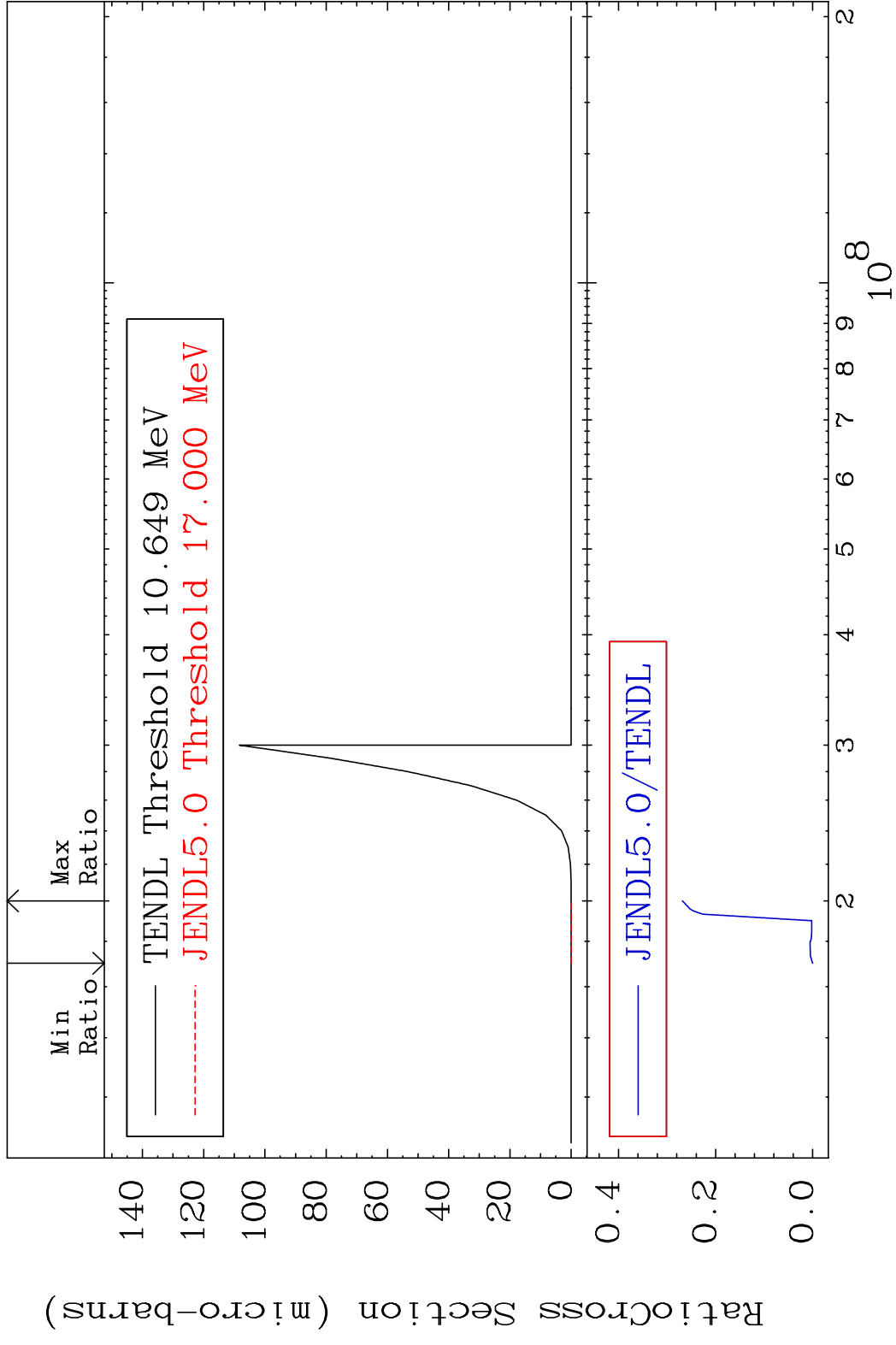




MAT 5131 (n, t):50-Sn-121m1 51-Sb-123  
 Radionuclide Production Cross Section 180.01 dth 1761. %





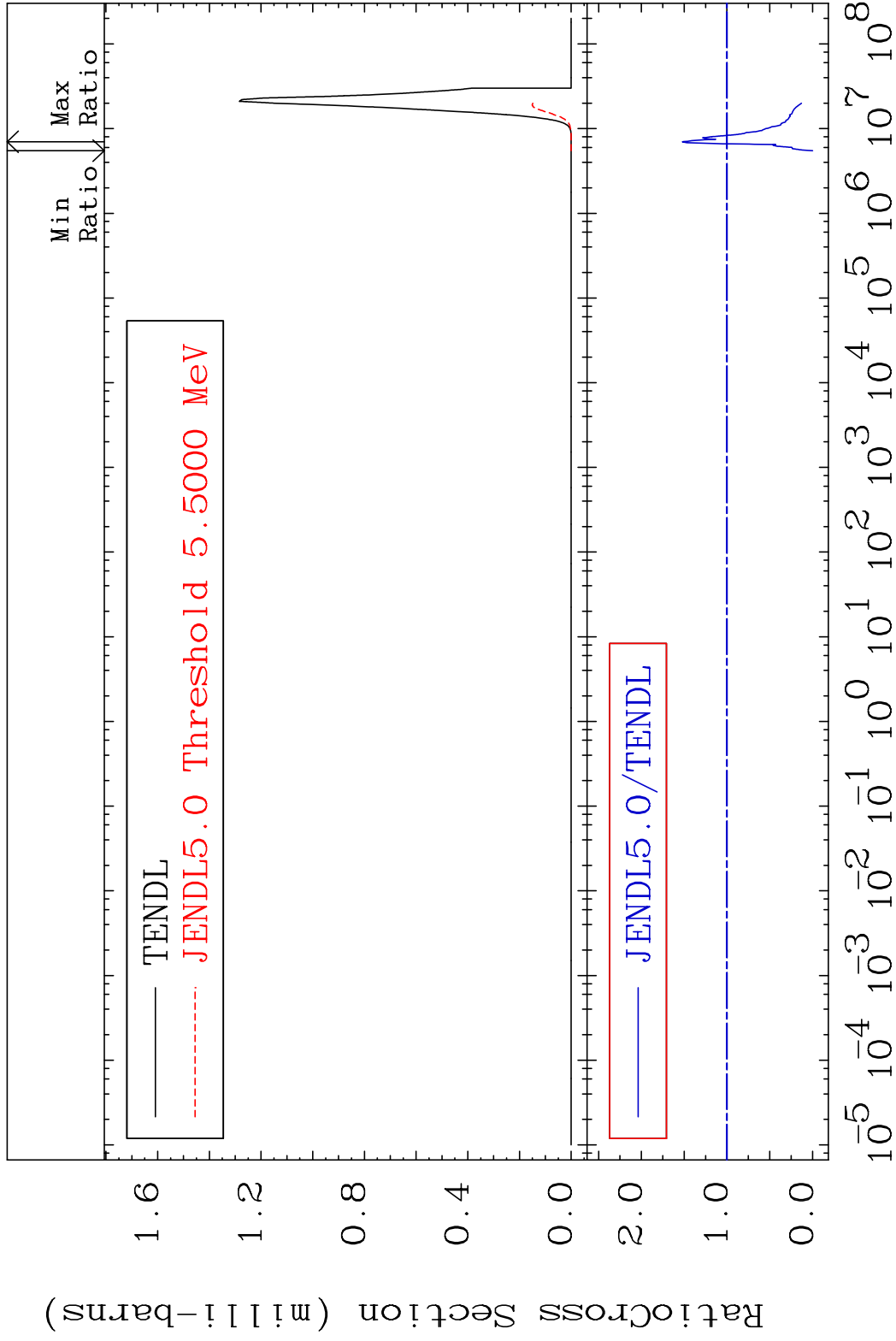


MAT 5131

(n,  $\alpha$ ): 49-In-120g

51-Sb-123

Radionuclide Production Cross Section Ratio 52.13 %



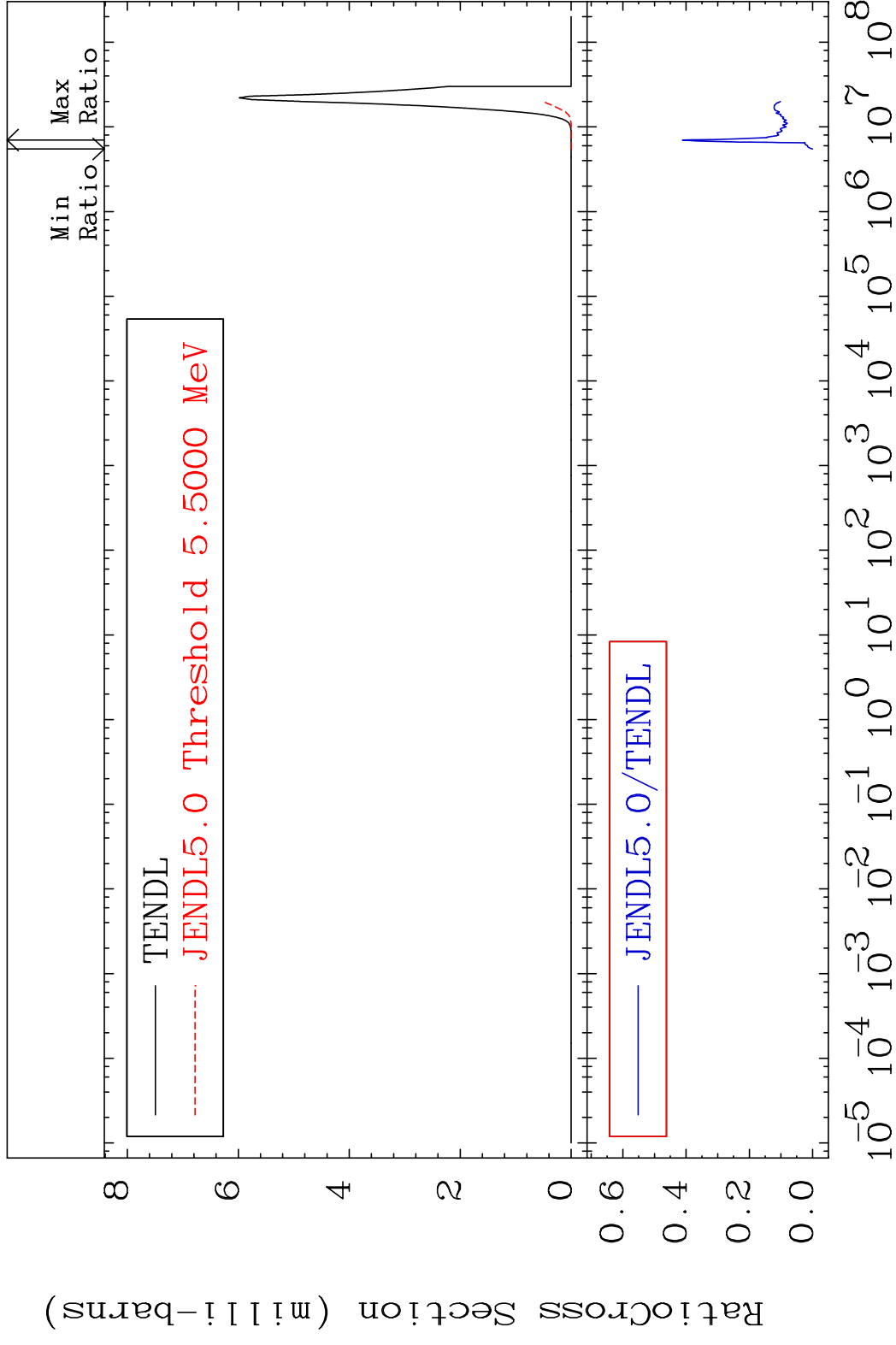
63

Incident Energy (eV)

51-Sb-123



MAT 5131 (n,  $\alpha$ ): 49-In-120m1 51-Sb-123  
 Radionuclide Production Cross Section Ratio -58.81%

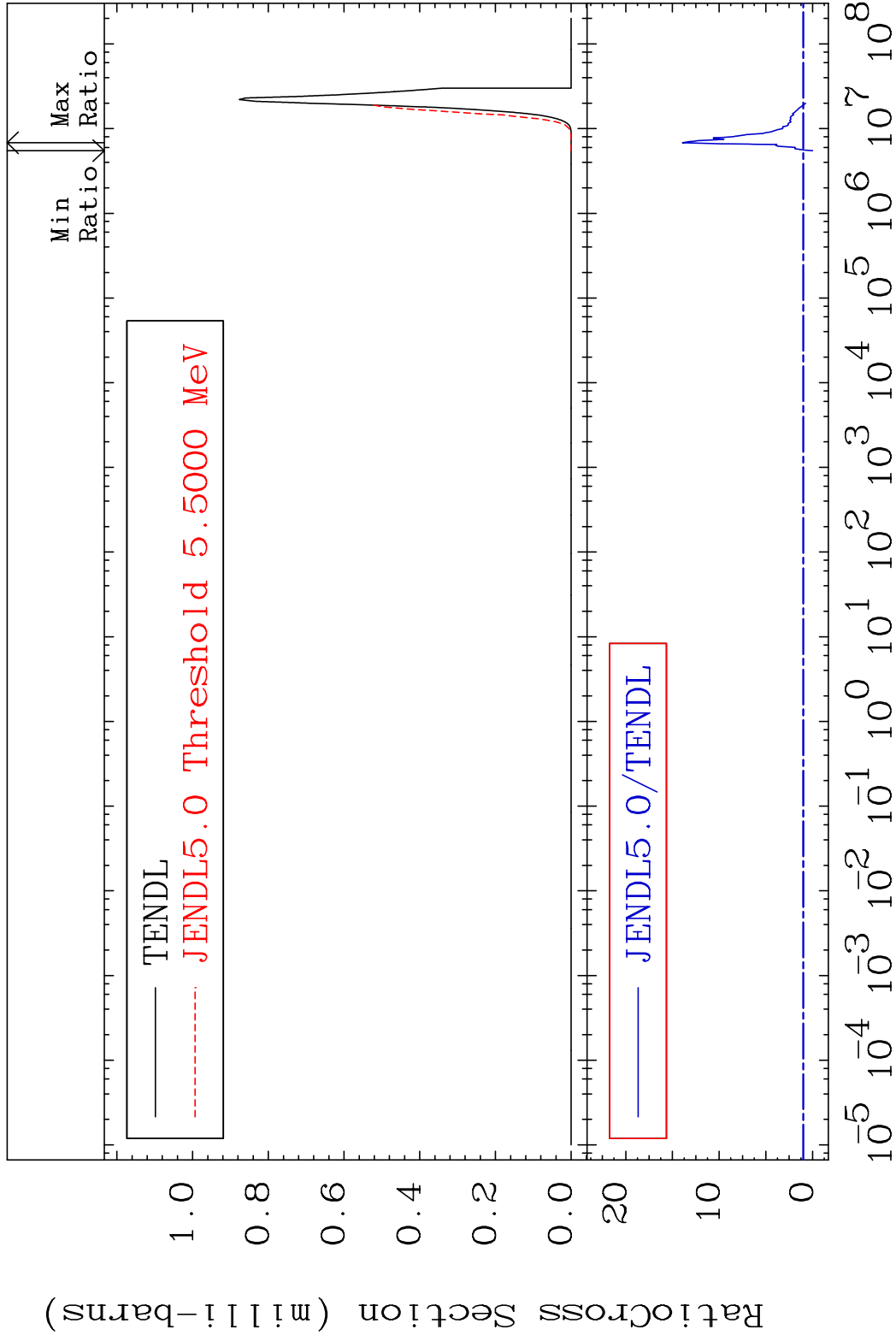


MAT 5131

(n,  $\alpha$ ): 49-In-120m2

51-Sb-123

Radionuclide Production Cross Section 180.0 mb to 1294. %



65

Incident Energy (eV)

51-Sb-123