

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

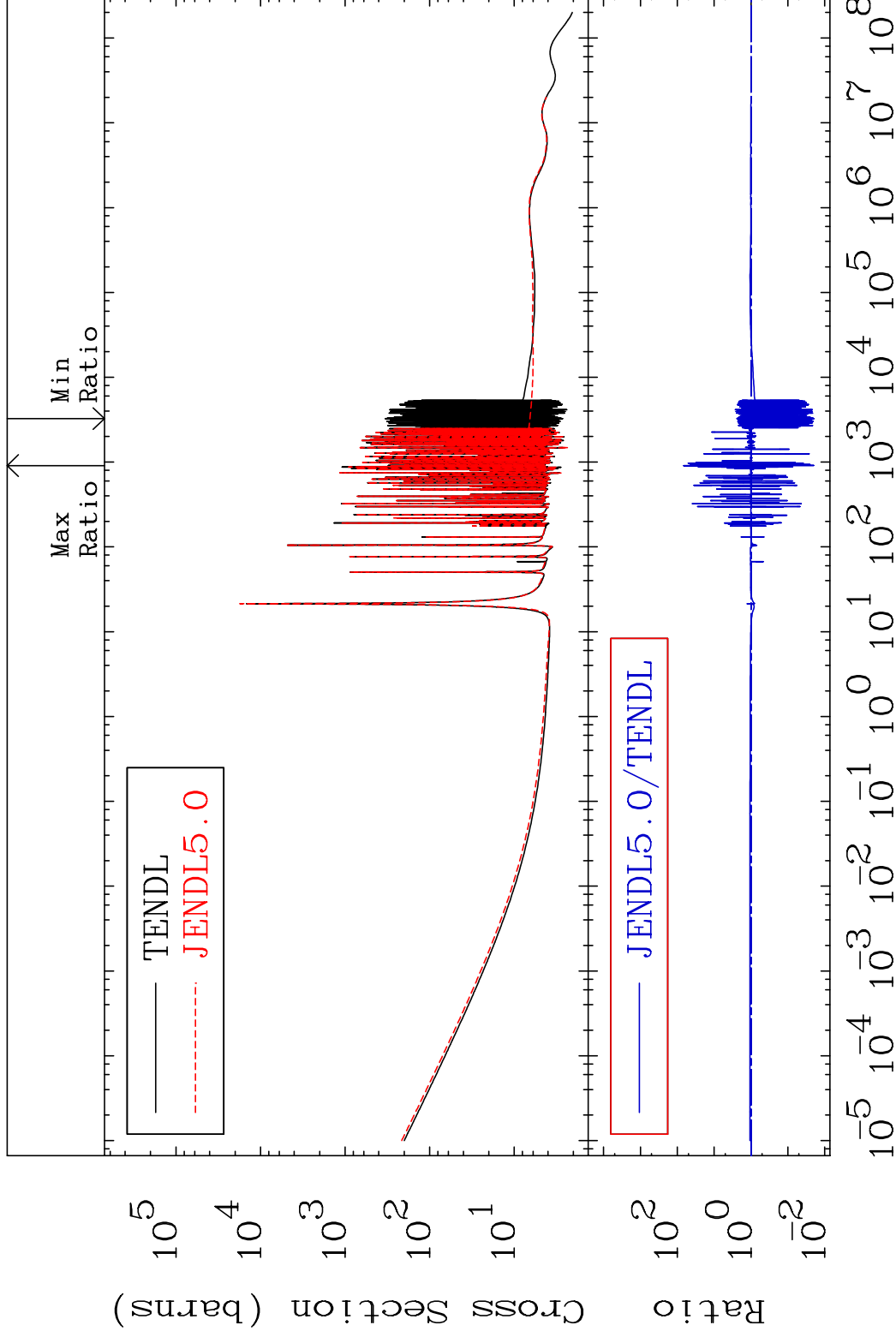
MAT 5131

Total

51-Sb-123

Cross Section

-98.06 To 6618. %



1

Incident Energy (eV)

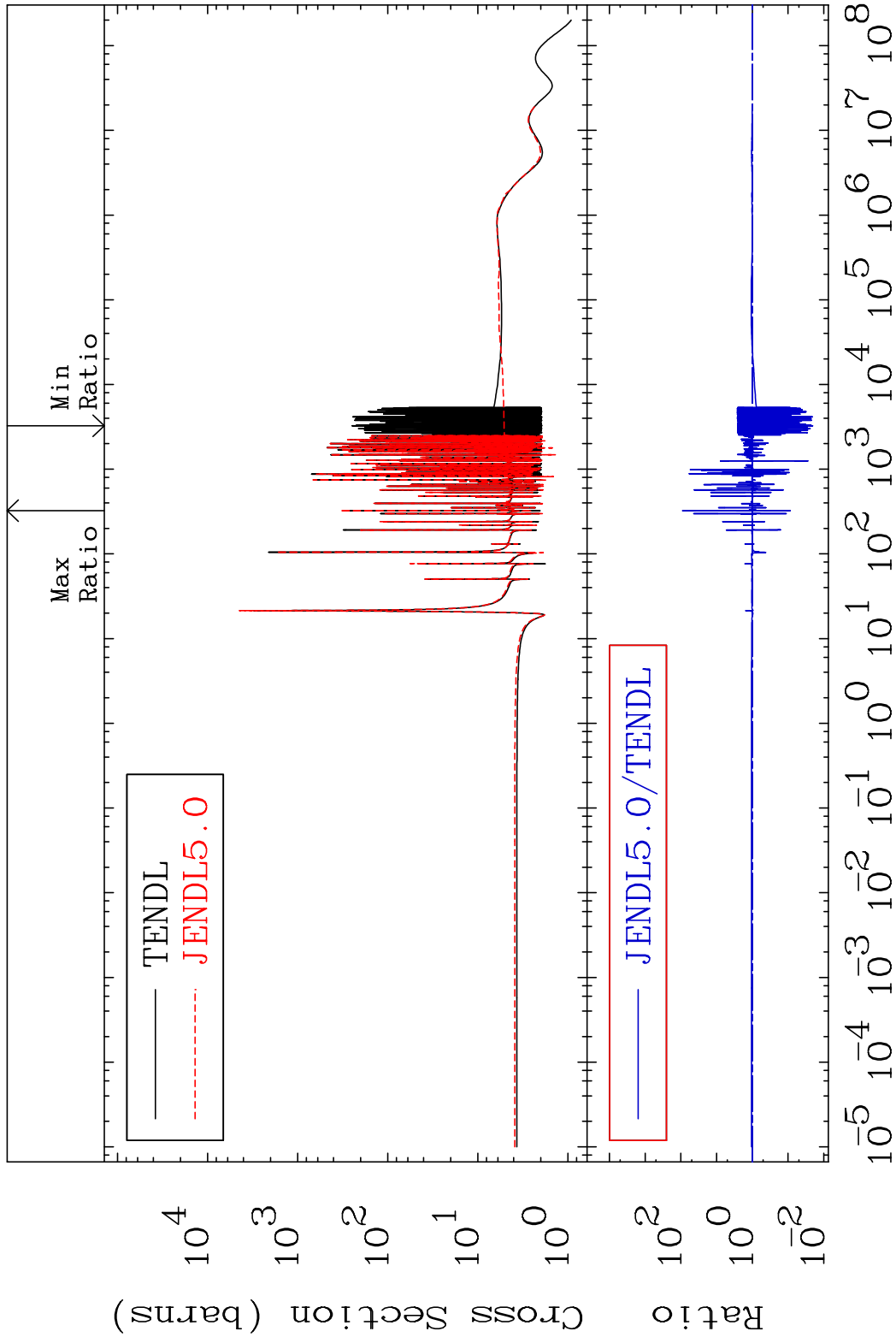
51-Sb-123

MAT 5131

Elastic

51-Sb-123

Cross Section -97.94 To 8998. %



2

Incident Energy (eV)

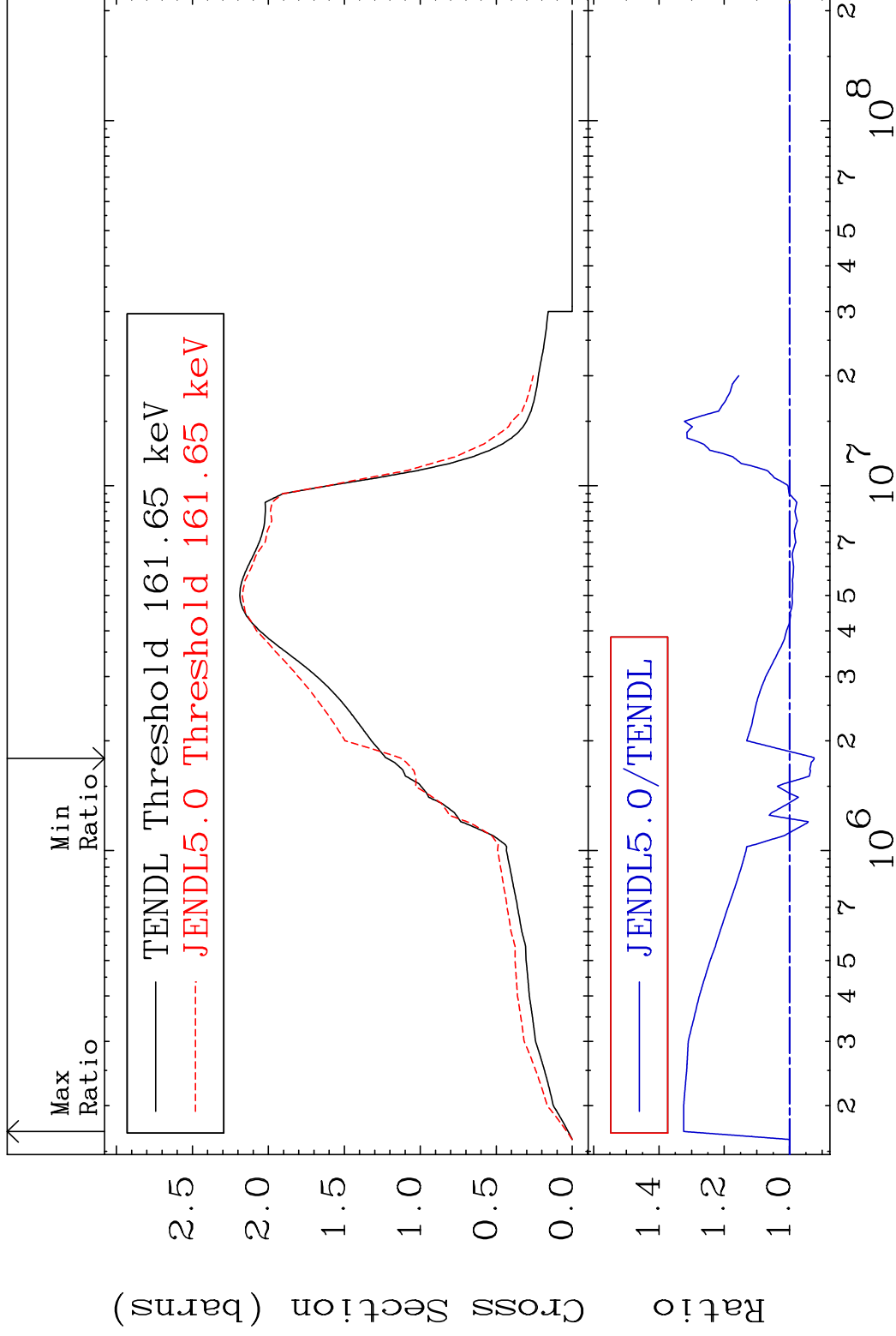
51-Sb-123

MAT 5131

Inelastic

51-Sb-123

Cross Section -7.506 To 32.42 %



3

Incident Energy (eV)

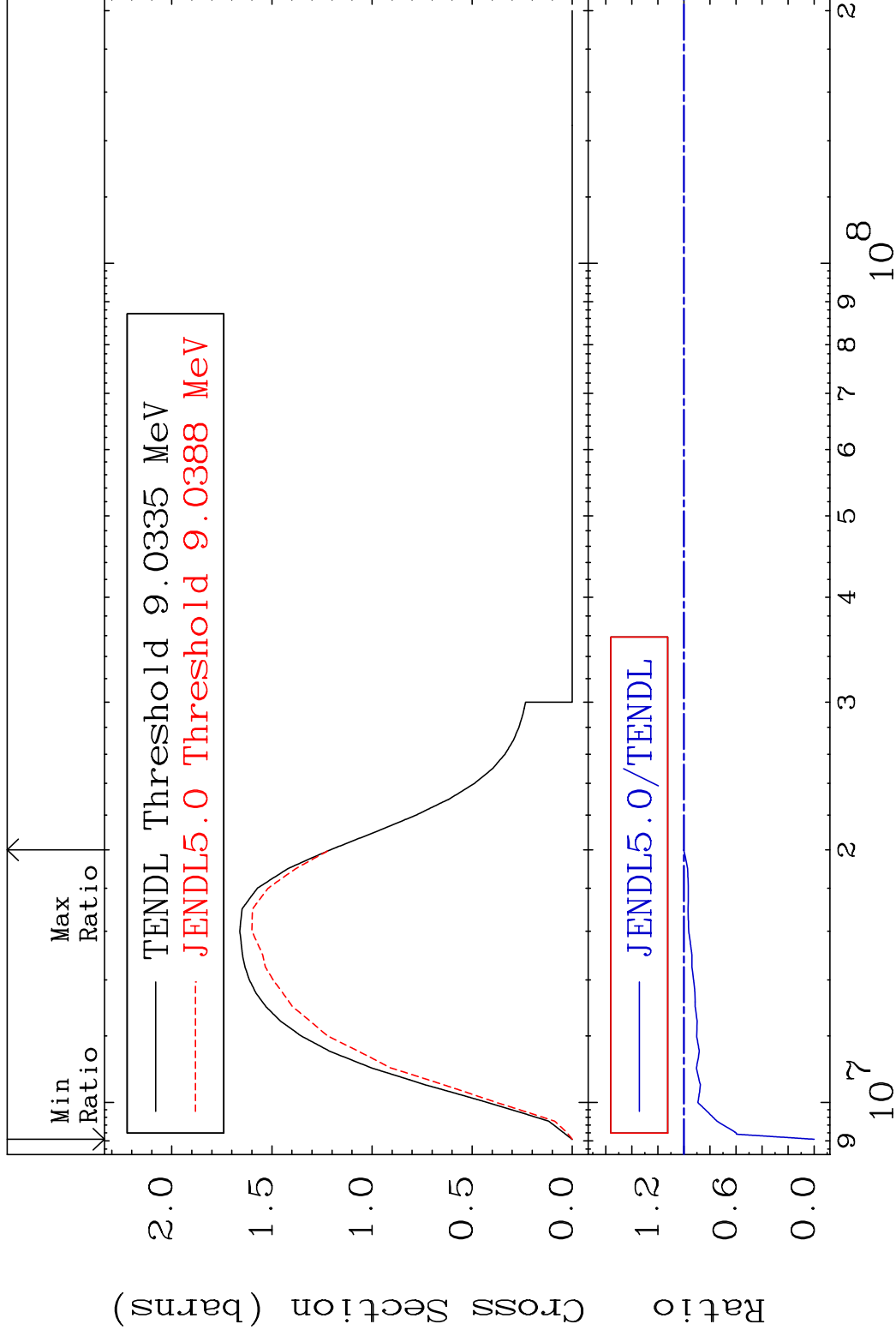
51-Sb-123

MAT 5131

(n,2n)

51-Sb-123

Cross Section -100.0 To 0.208 %



4

Incident Energy (eV)

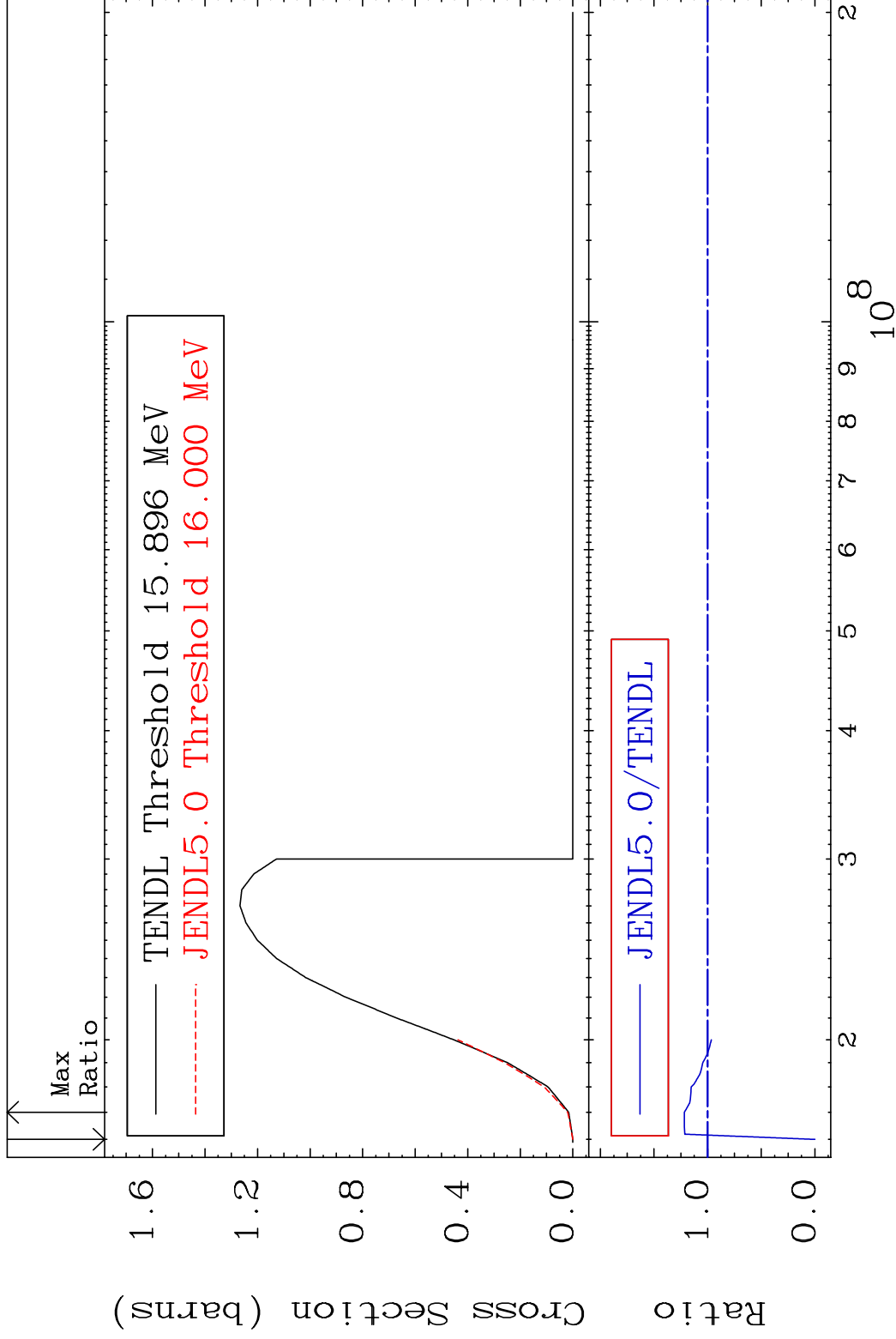
51-Sb-123

MAT 5131

(n,3n)

51-Sb-123

Cross Section -100.0 To 21.76 %



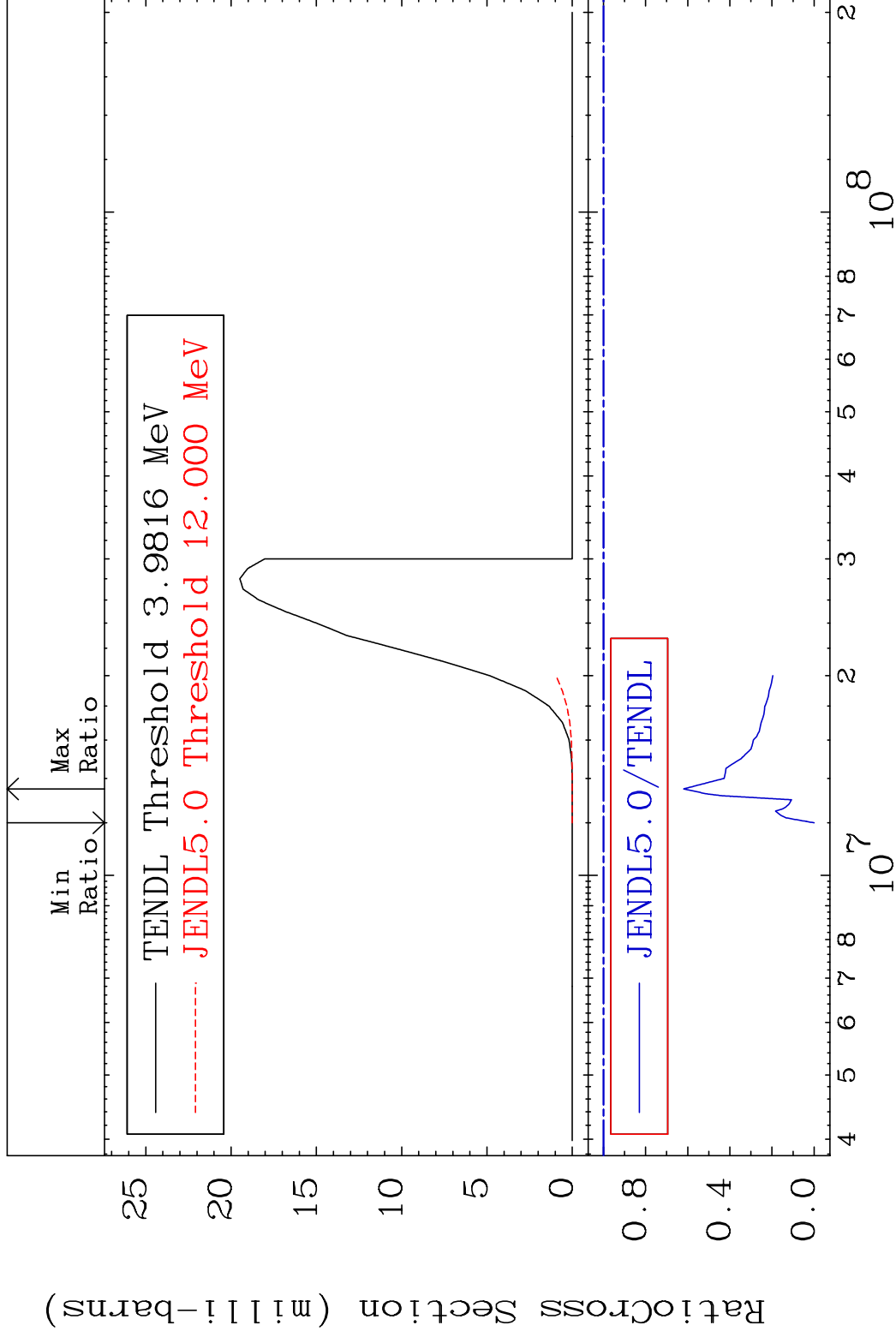
5

Incident Energy (eV)

51-Sb-123

MAT 5131

(n, n') α 51-Sb-123
Cross Section -100.0 To -38.08%



6

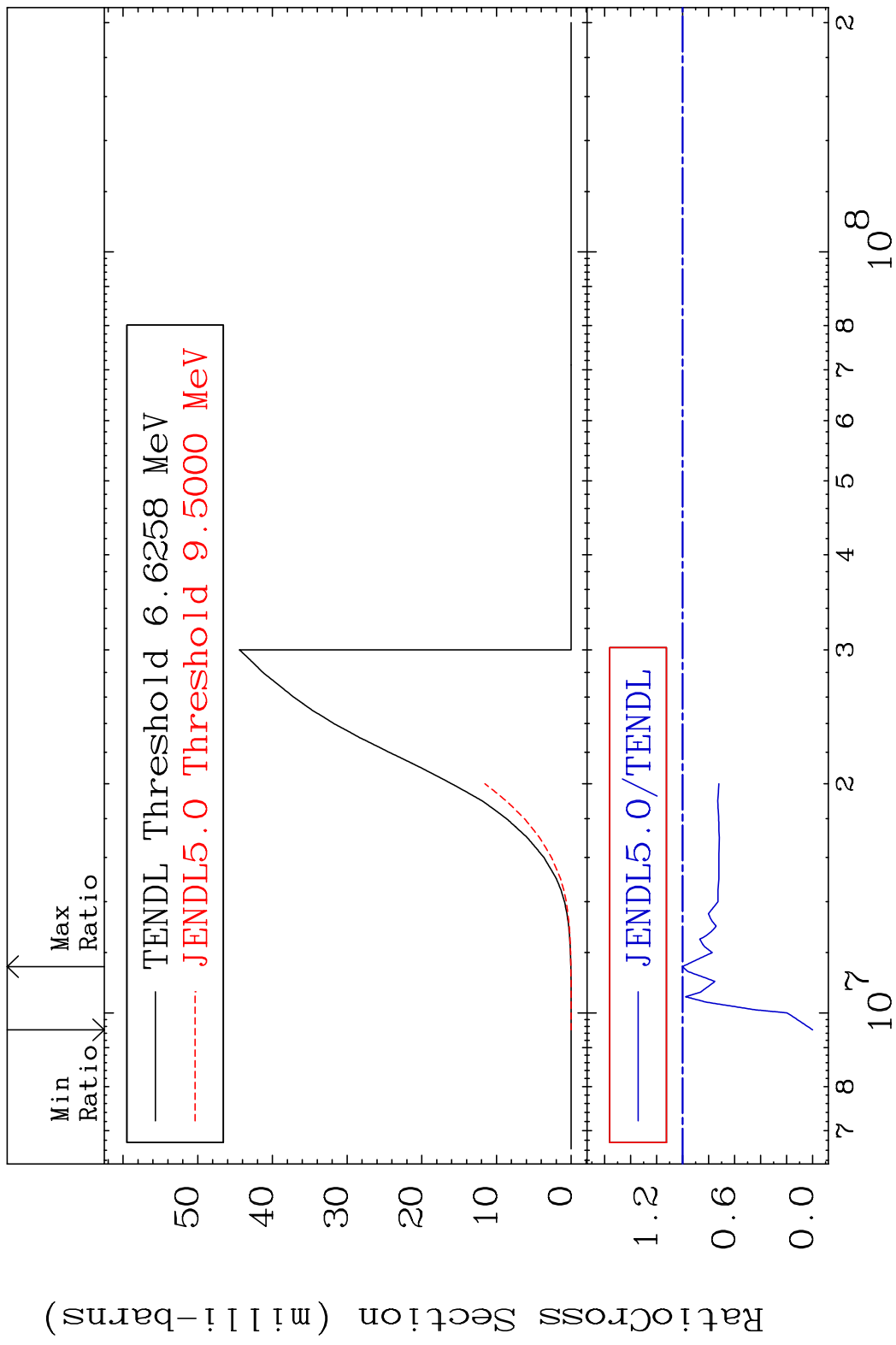
Incident Energy (eV)

51-Sb-123

MAT 5131

(n, n') p 51-Sb-123

Cross Section -100.0 To 0.239 %



7

Incident Energy (eV)

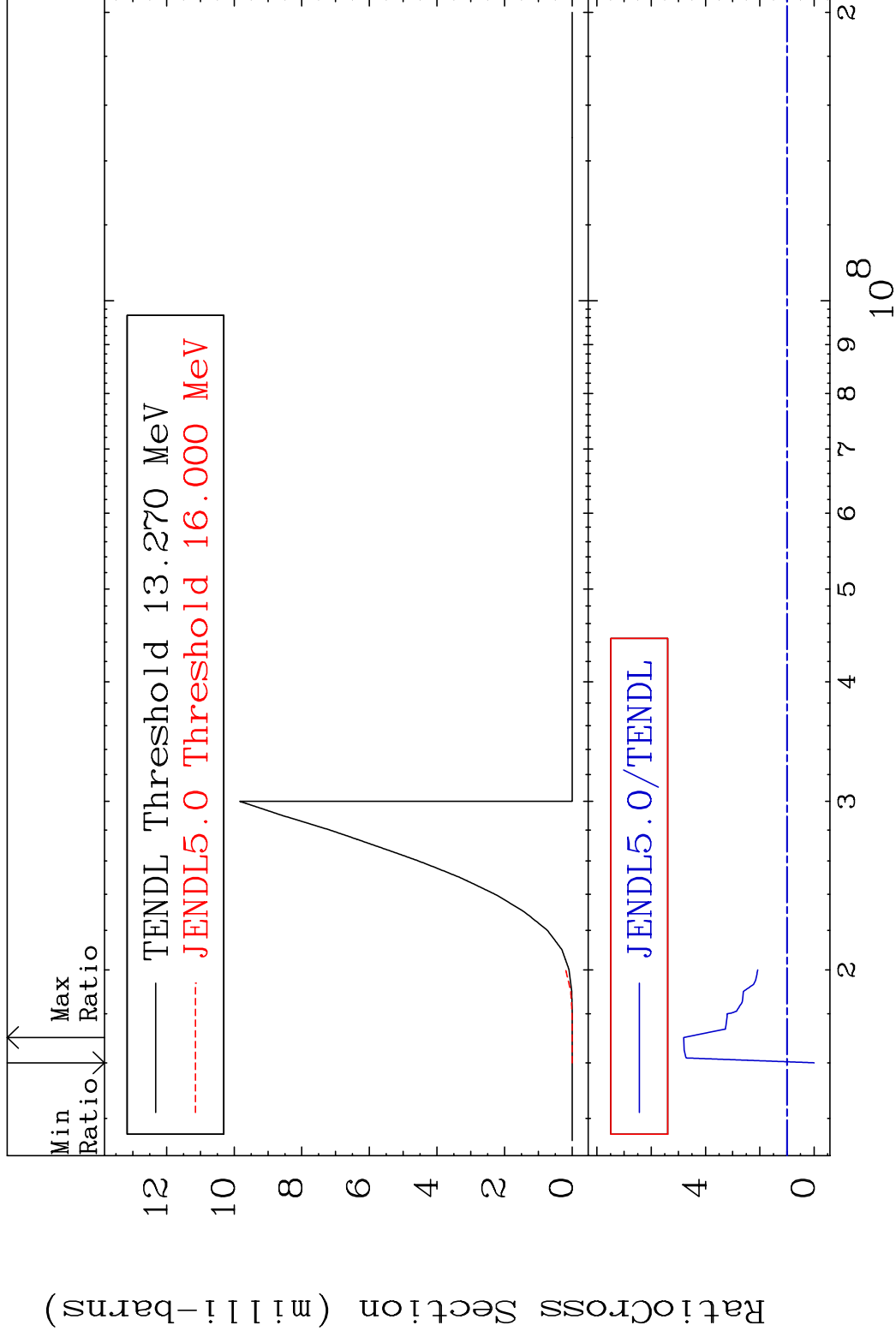
51-Sb-123

MAT 5131

(n, n') d

51-Sb-123

Cross Section -100.0 To 380.5 %

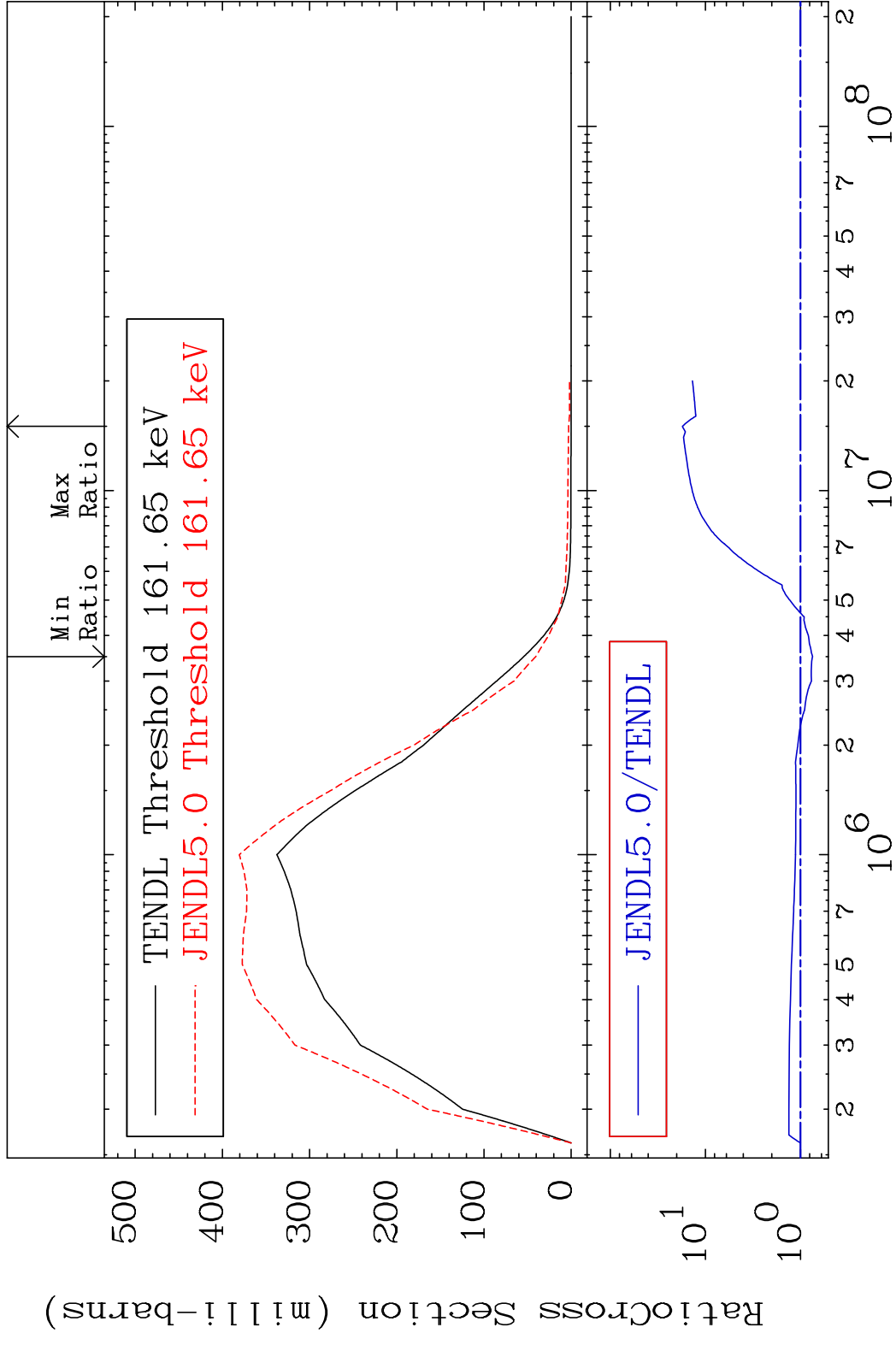


8

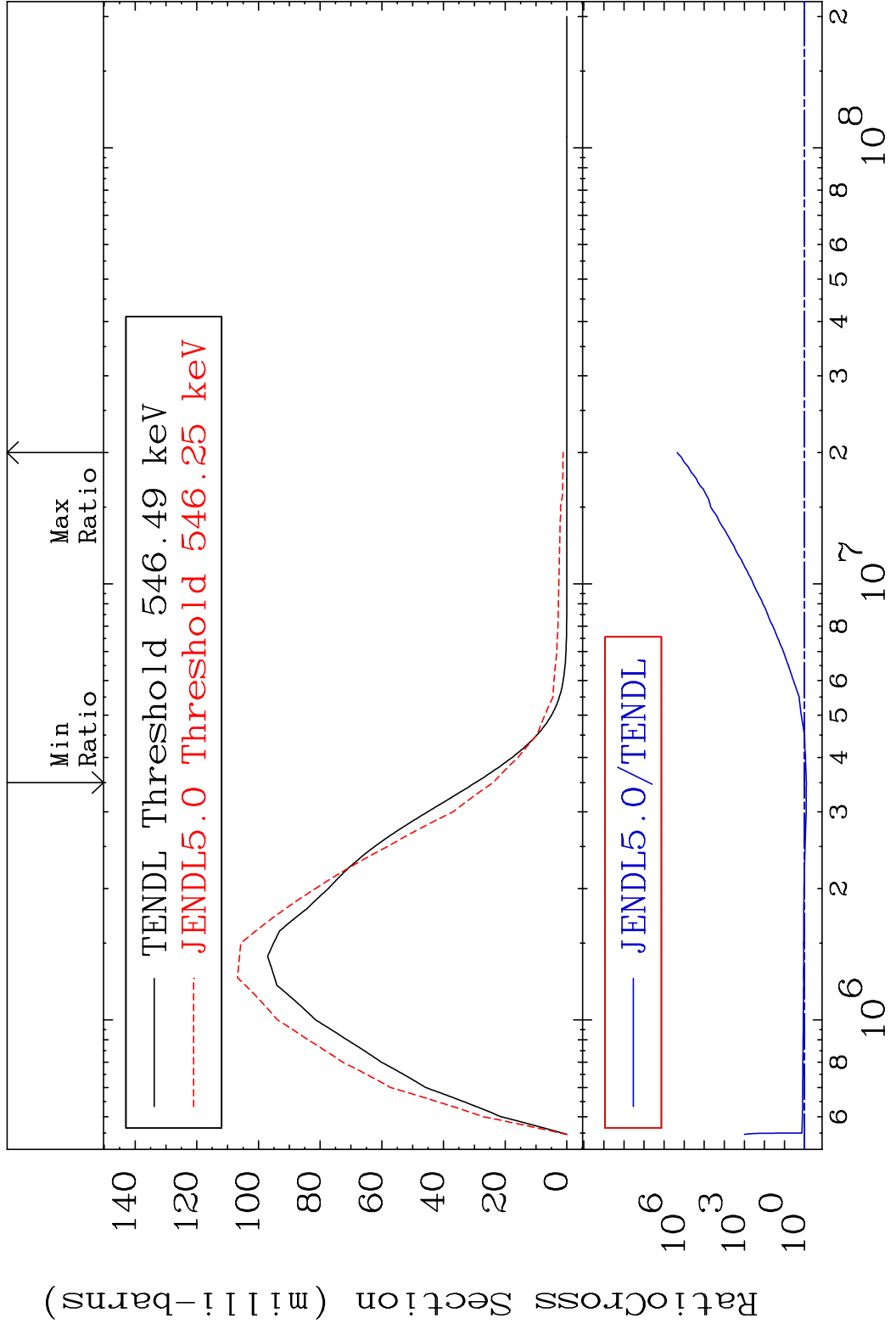
Incident Energy (eV)

51-Sb-123

MAT 5131 MT= 51 (n, n') Level 51-Sb-123
 Cross Section -25.39 To 1648. %

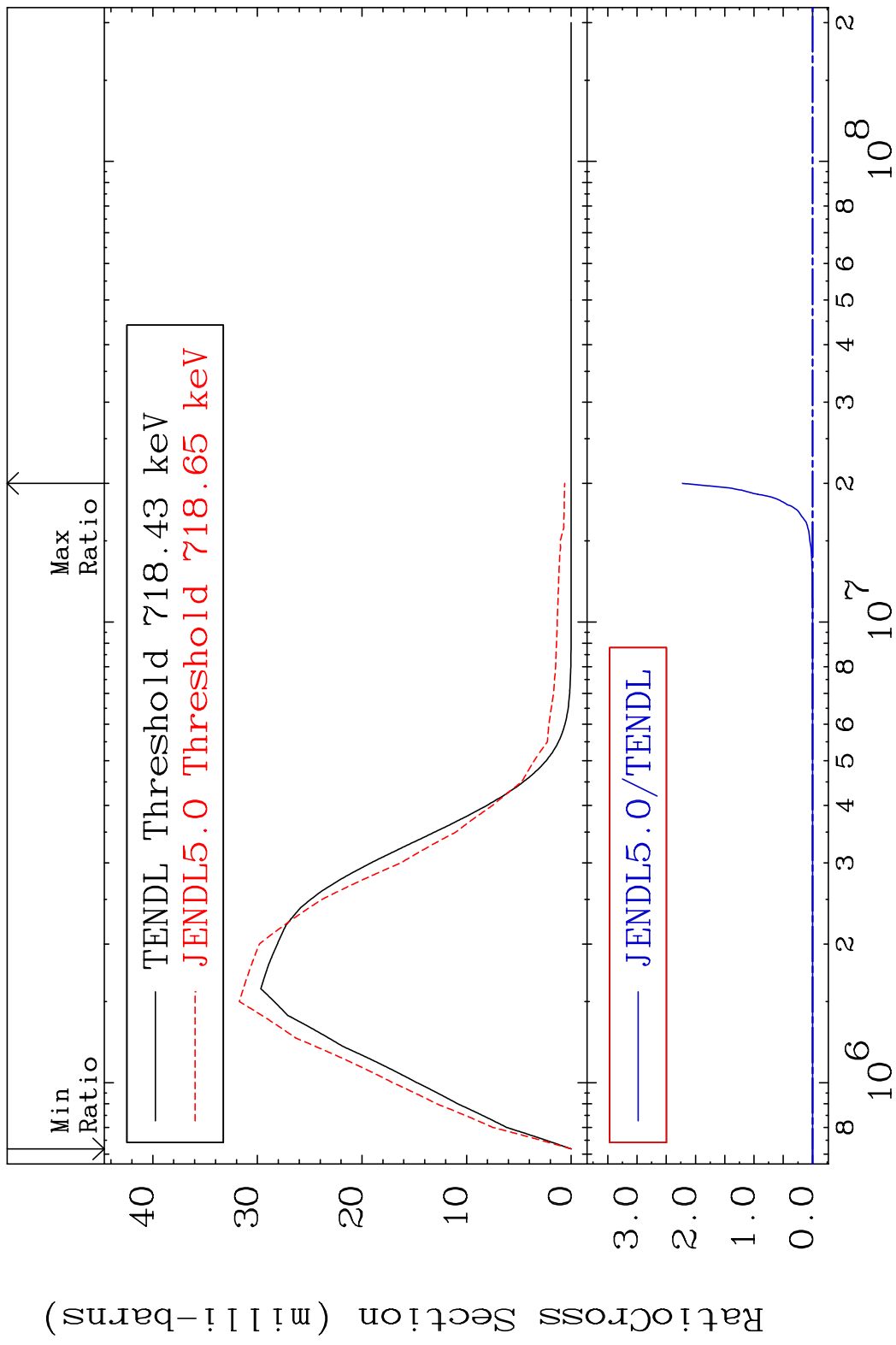


MAT 5131 MT= 52 (n, n') Level 51-Sb-123
 Cross Section -19.39 To 9999. %

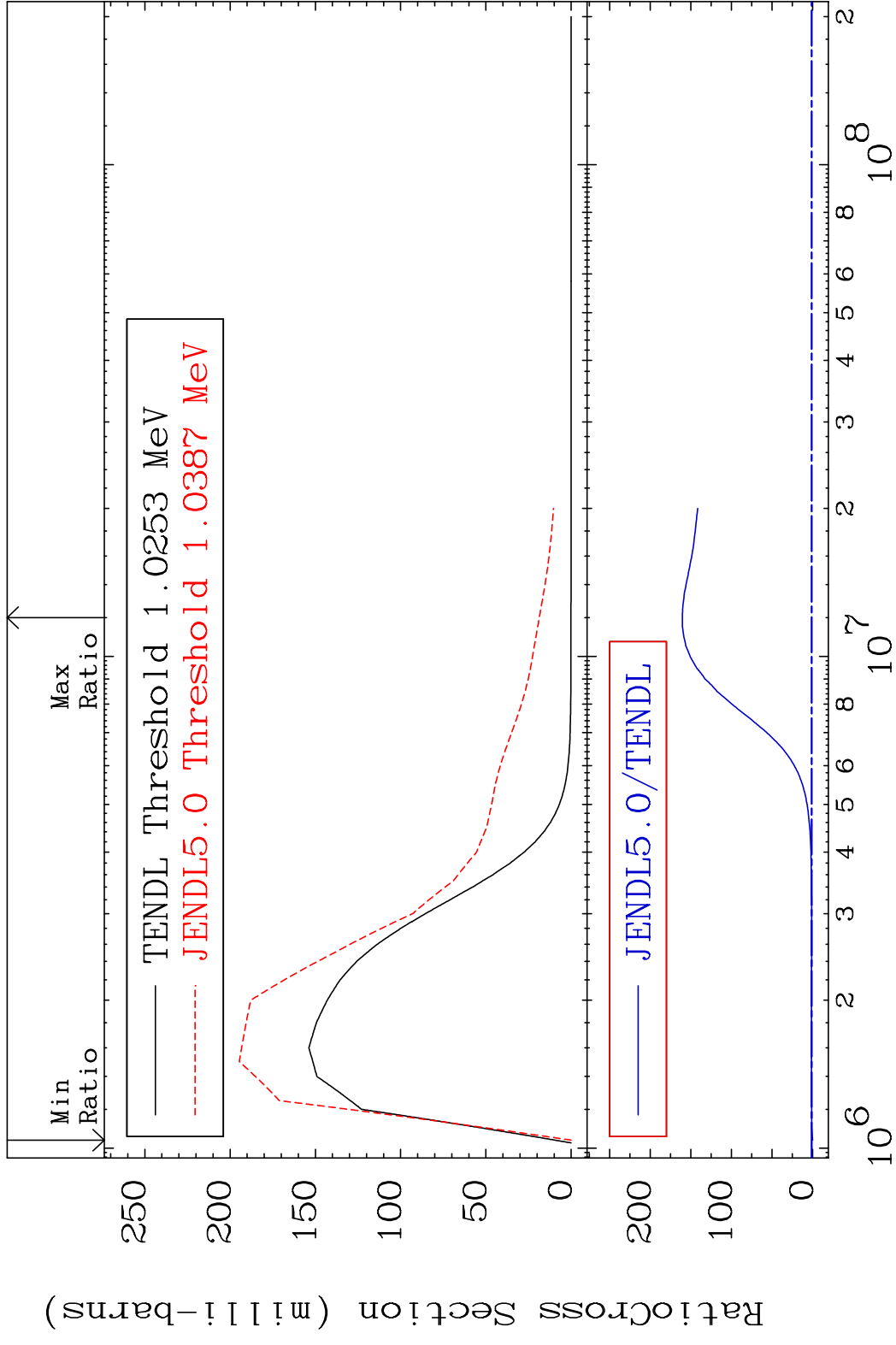


10 Incident Energy (eV) 51-Sb-123

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. %



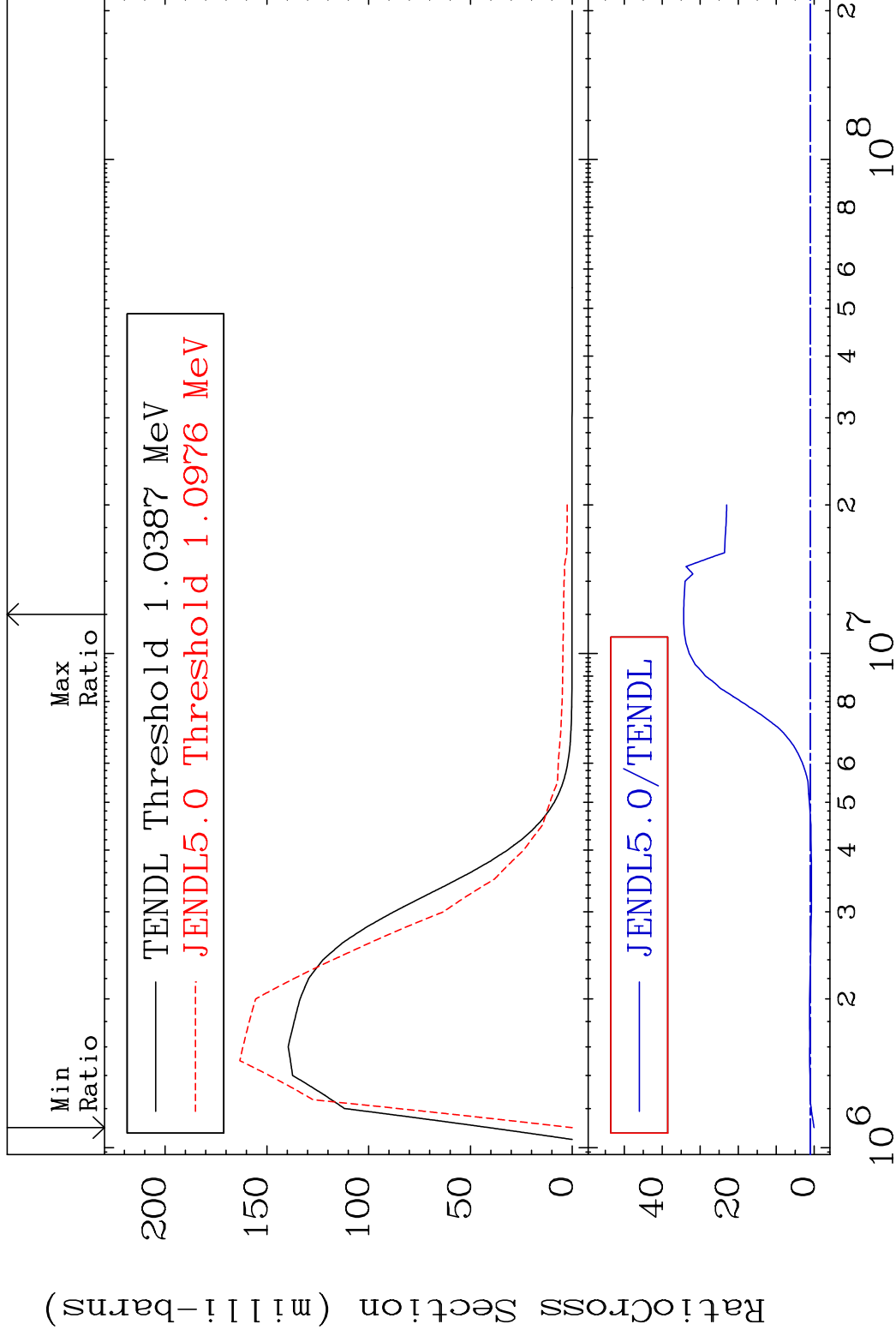
12 Incident Energy (eV) 51-Sb-123

MAT 5131

MT= 55 (n, n') Level

51-Sb-123

Cross Section -100.0 To 3337. %

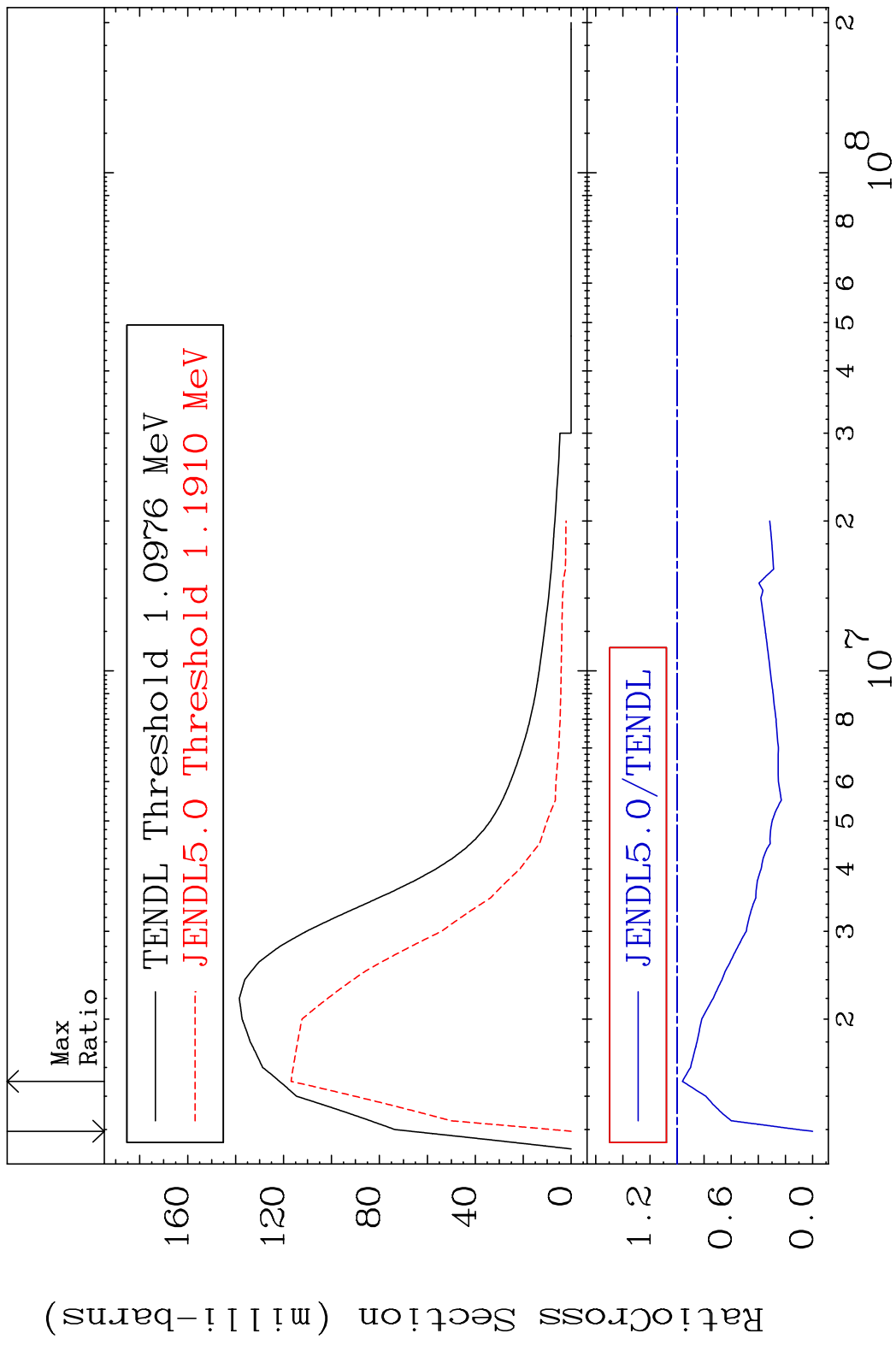


13

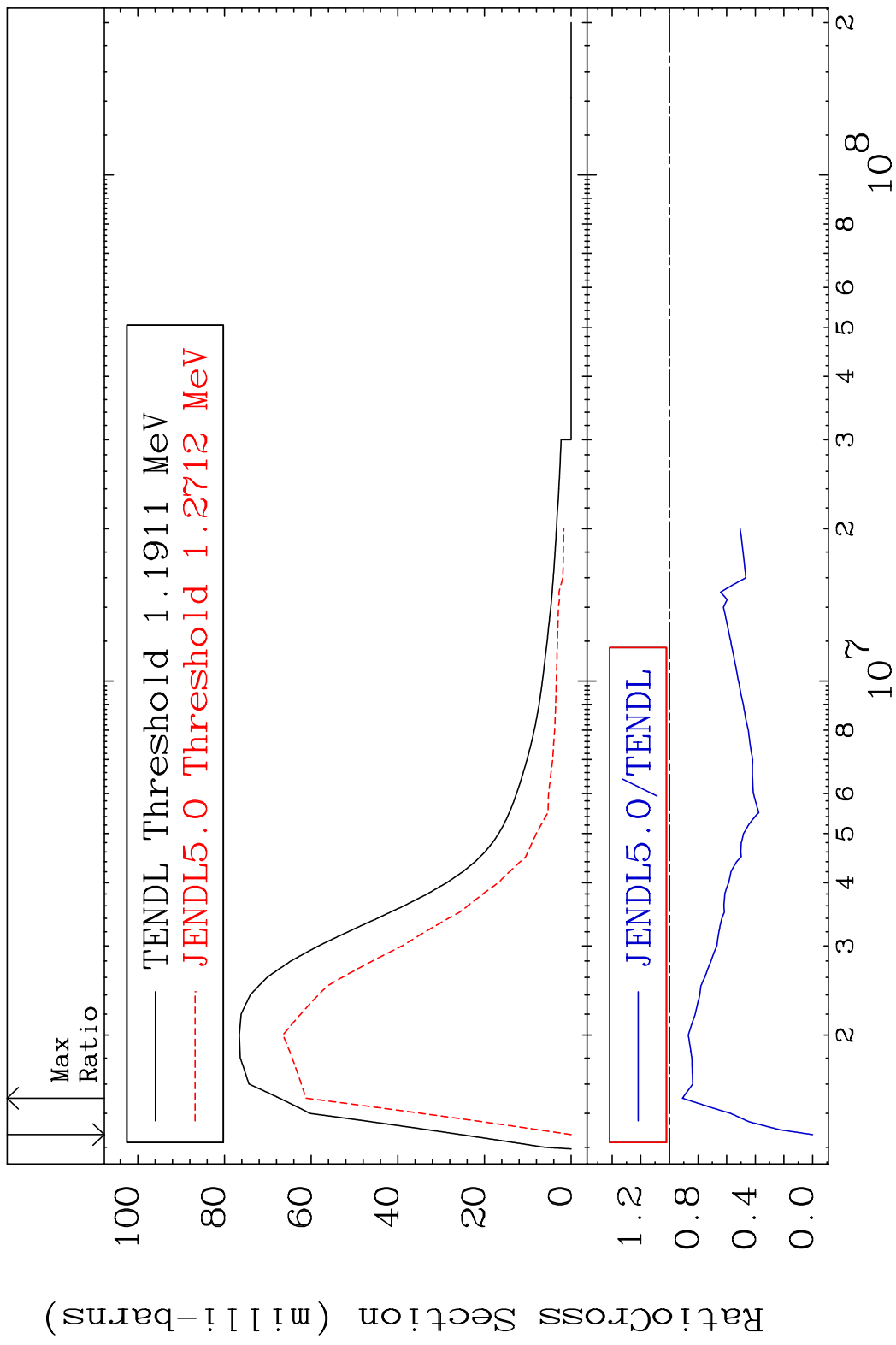
Incident Energy (eV)

51-Sb-123

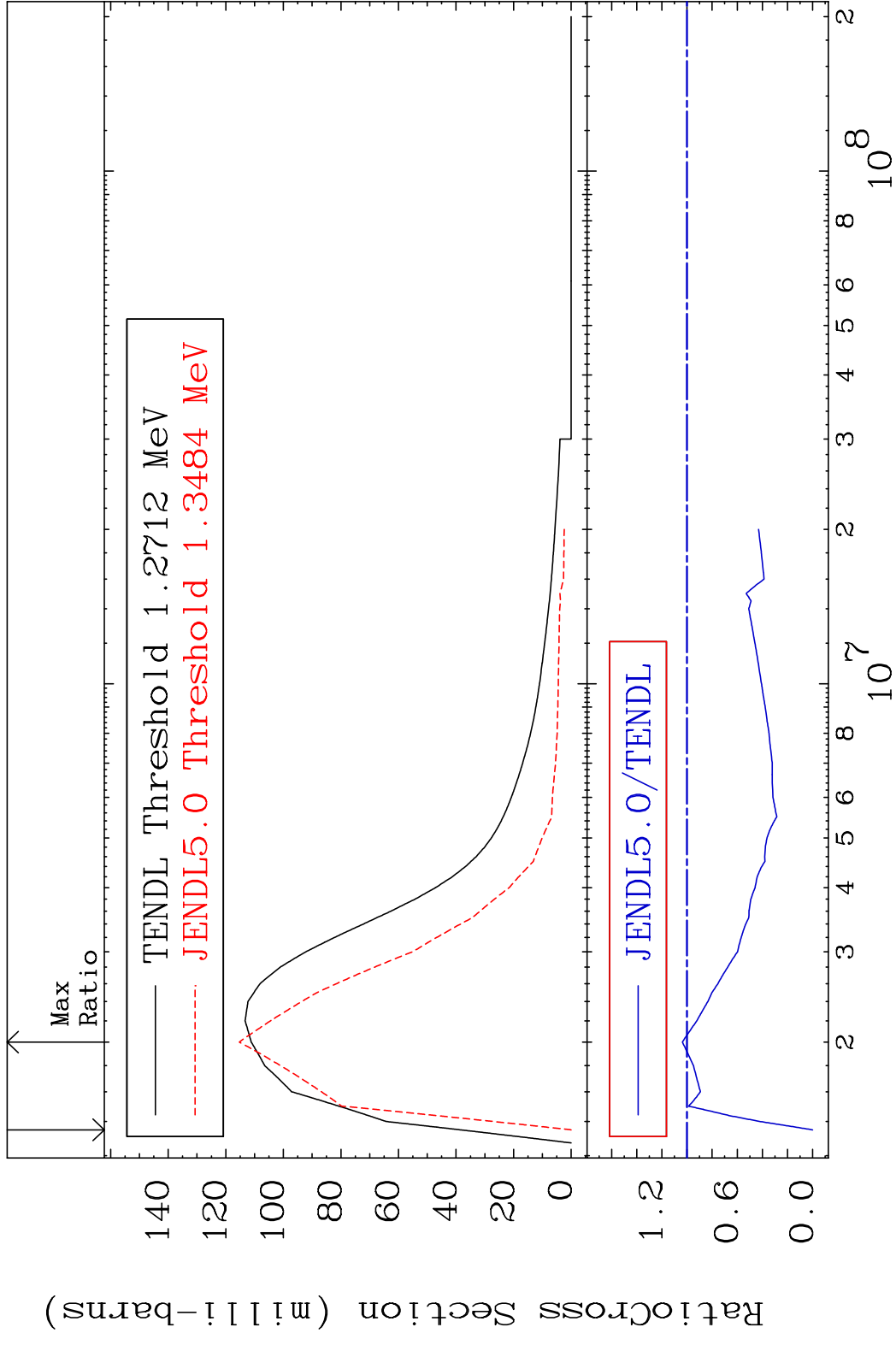
MAT 5131 MT= 56 (n,n') Level 51-Sb-123
 Cross Section -100.0 To -3.924%



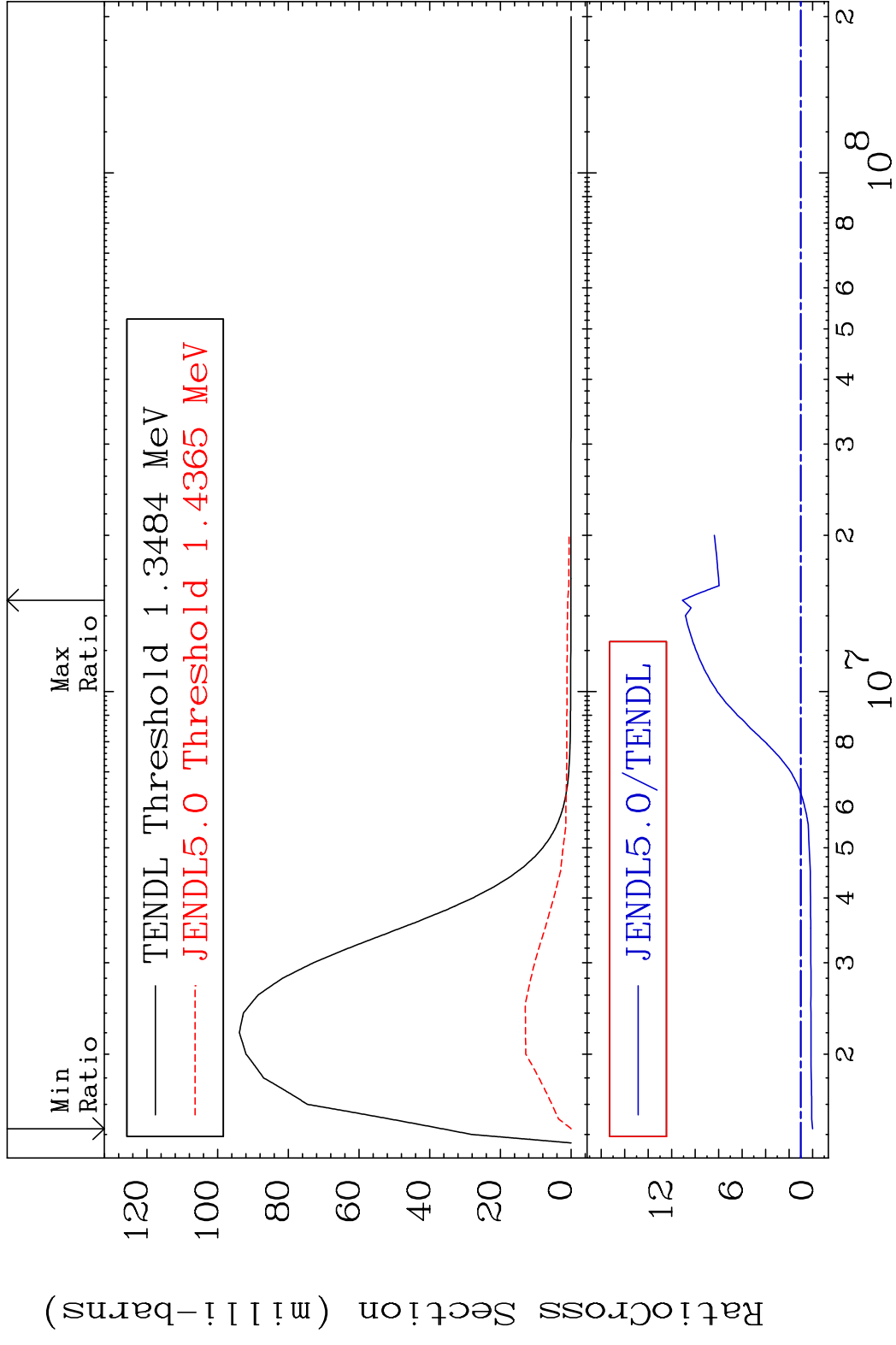
MAT 5131 MT= 57 (n,n') Level 51-Sb-123
 Cross Section -100.0 To -9.053%



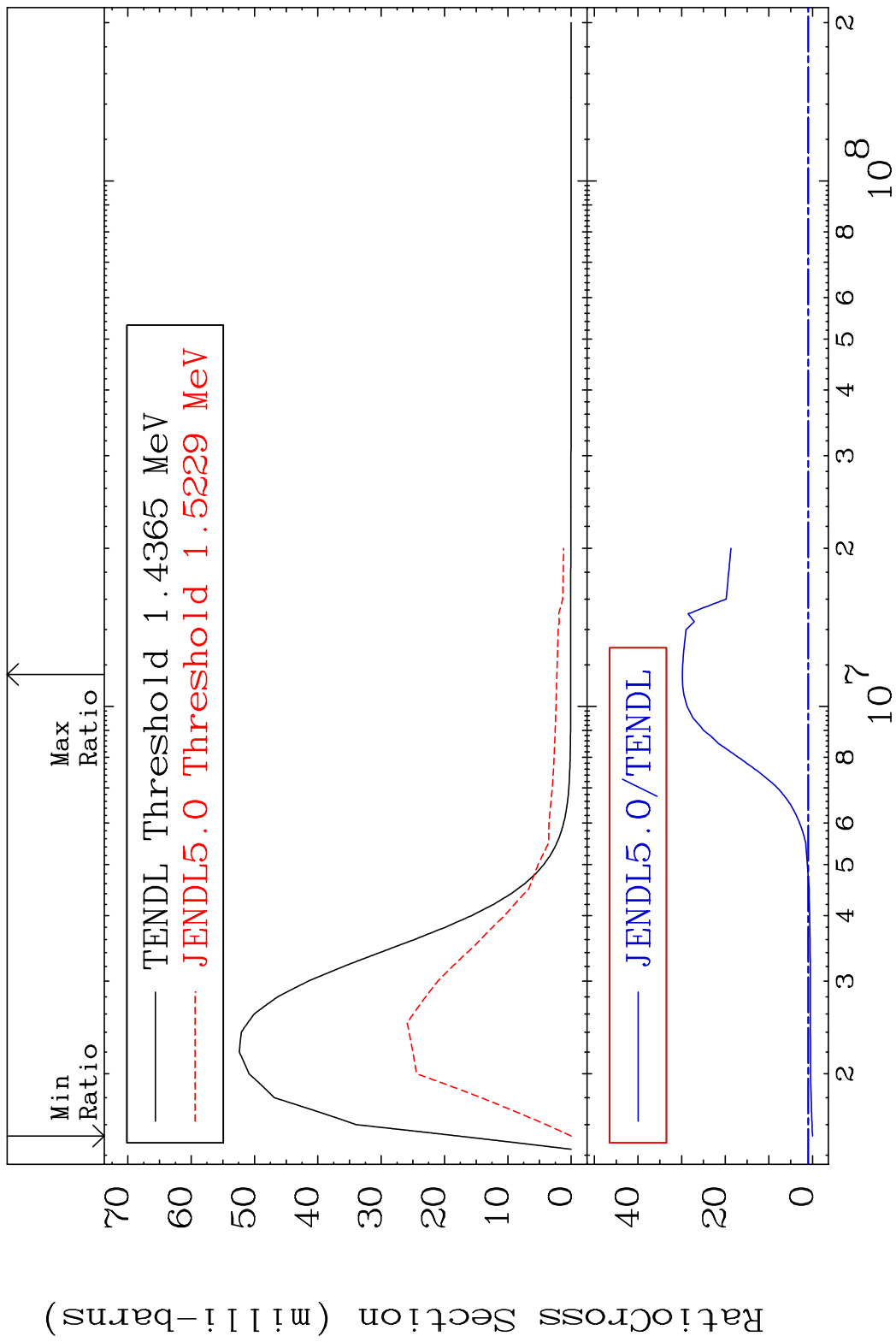
MAT 5131 MT= 58 (n, n') Level 51-Sb-123
 Cross Section -100.0 To 3.720 %



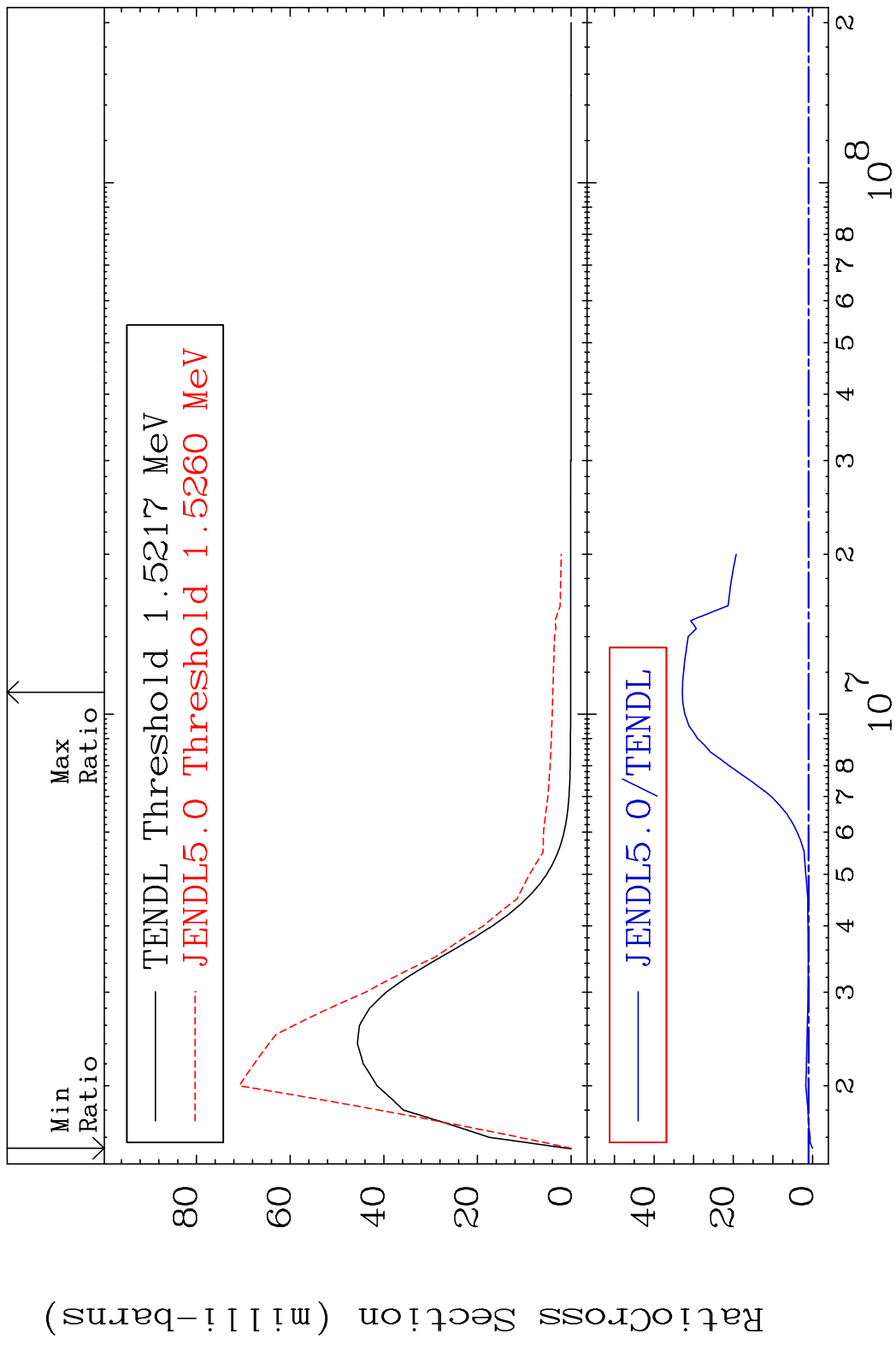
MAT 5131 MT= 59 (n, n') Level 51-Sb-123
 Cross Section -100.0 To 1009. %



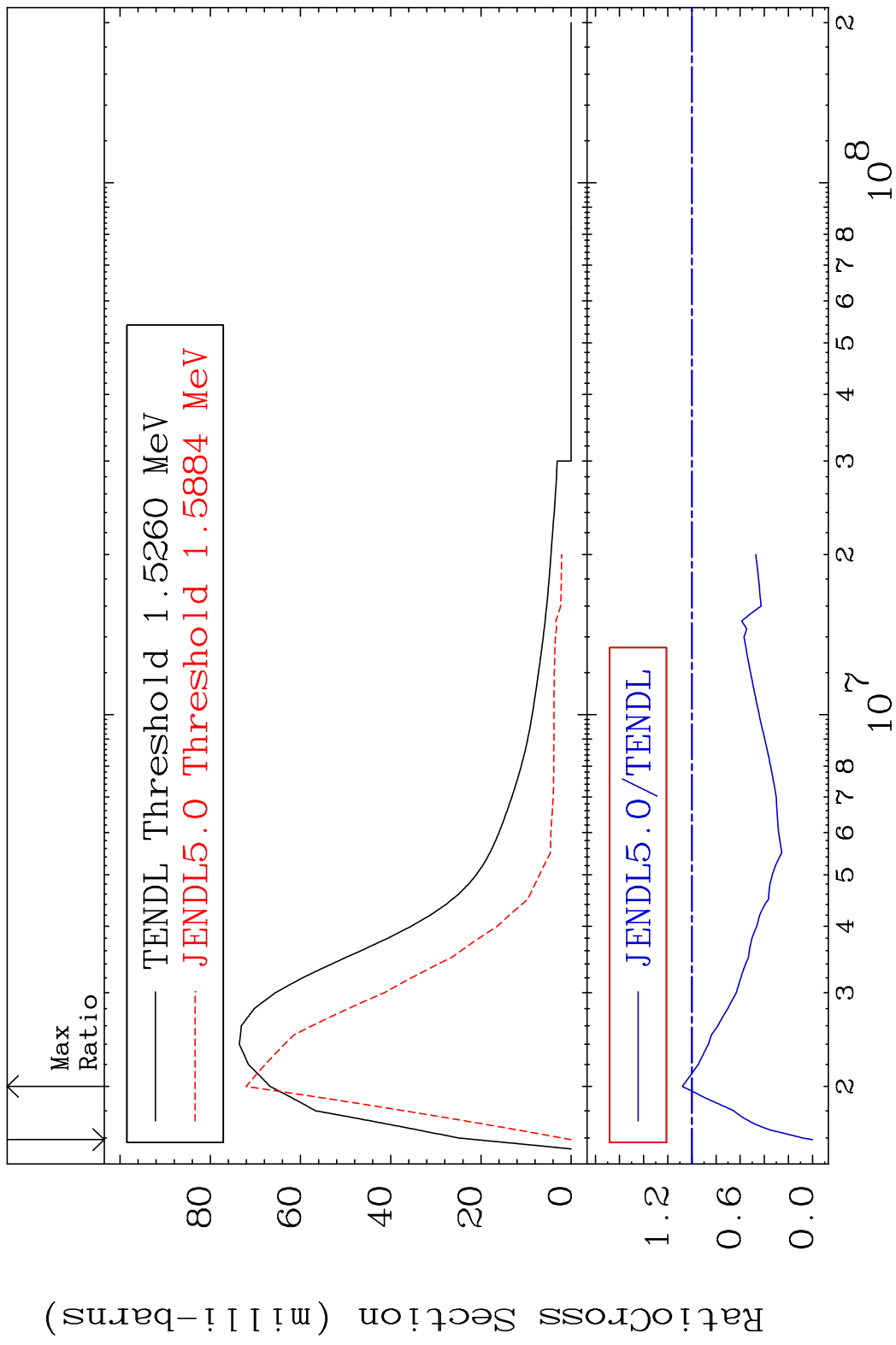
MAT 5131 MT= 60 (n, n') Level 51-Sb-123
 Cross Section -100.0 To 2883. %



MAT 5131 MT= 61 (n, n') Level 51-Sb-123
 Cross Section -100.0 To 3185. %

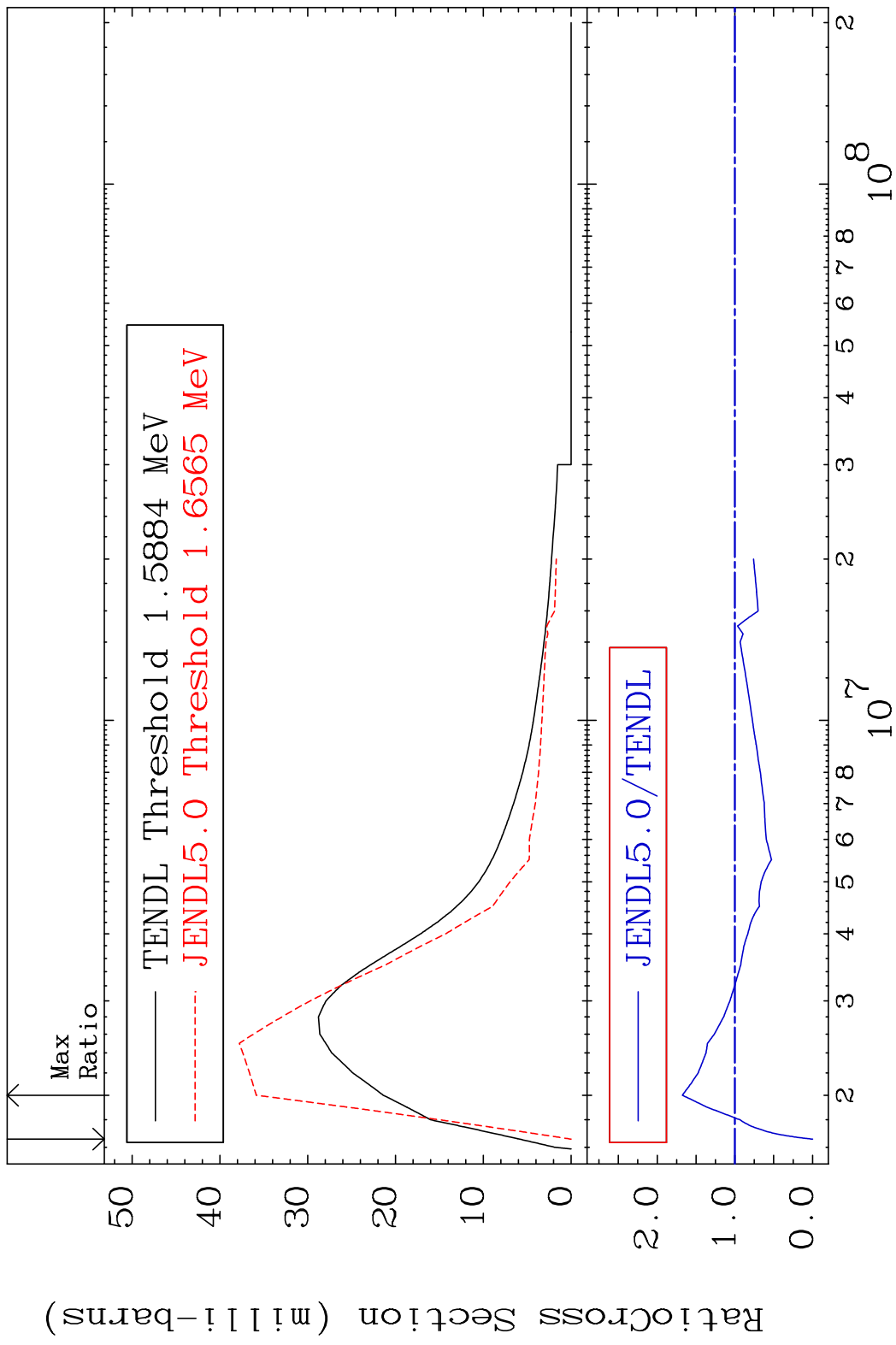


MAT 5131 MT= 62 (n, n') Level 51-Sb-123
 Cross Section -100.0 To 7.932 %

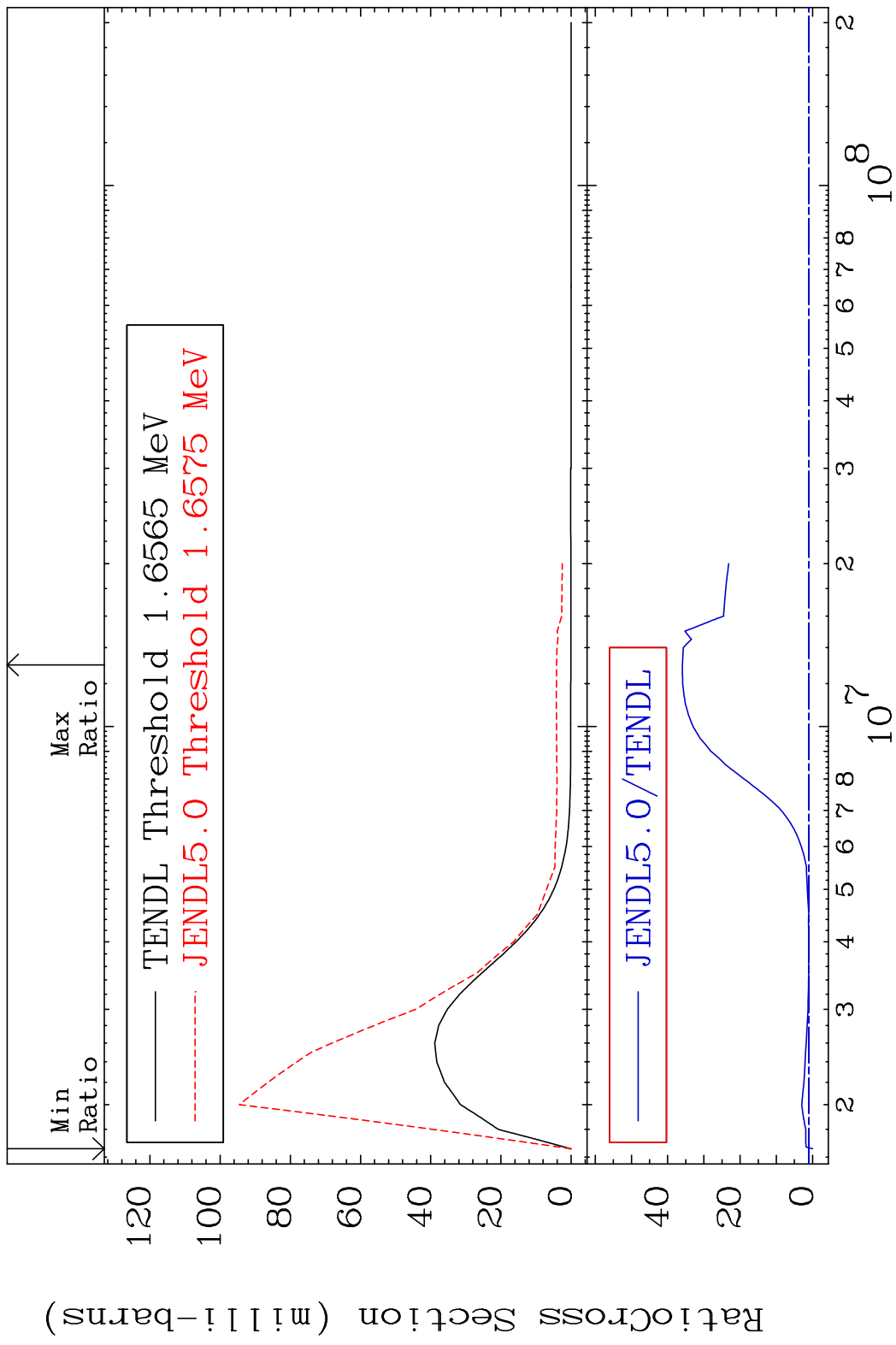


20 Incident Energy (eV) 51-Sb-123

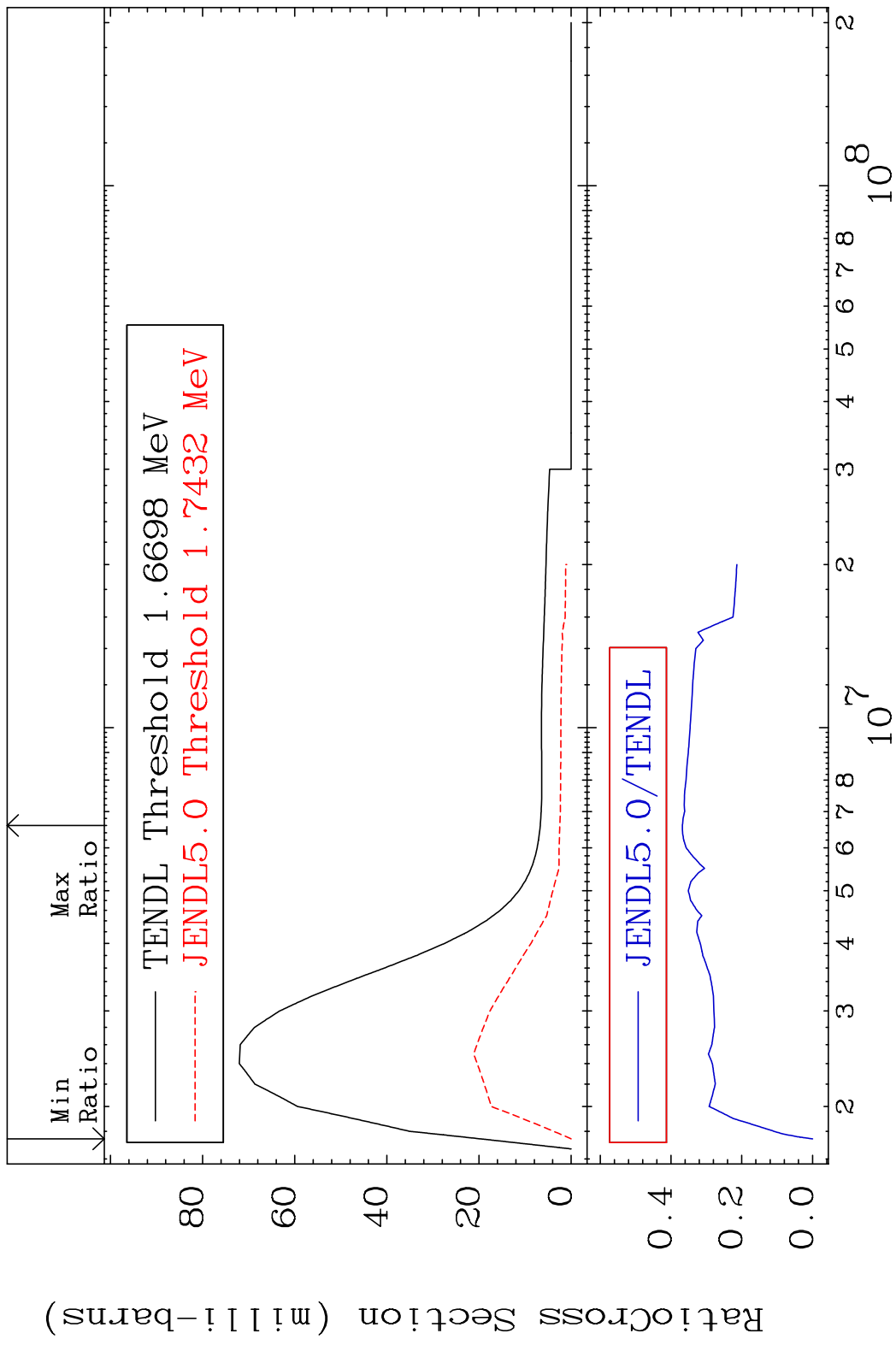
MAT 5131 MT= 63 (n,n') Level 51-Sb-123
 Cross Section -100.0 To 67.61 %



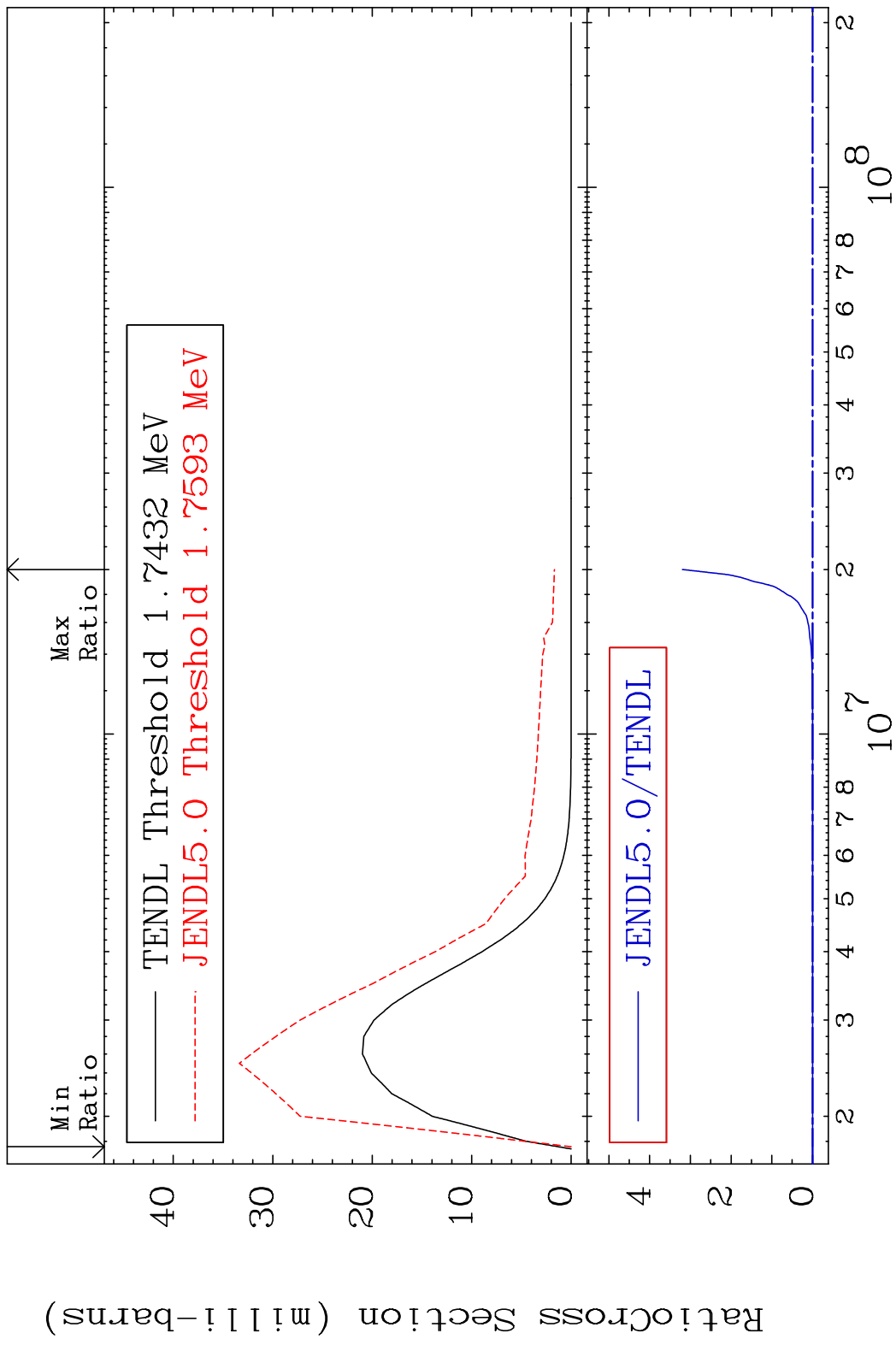
MAT 5131 MT= 64 (n, n') Level 51-Sb-123
 Cross Section -100.0 To 3495. %



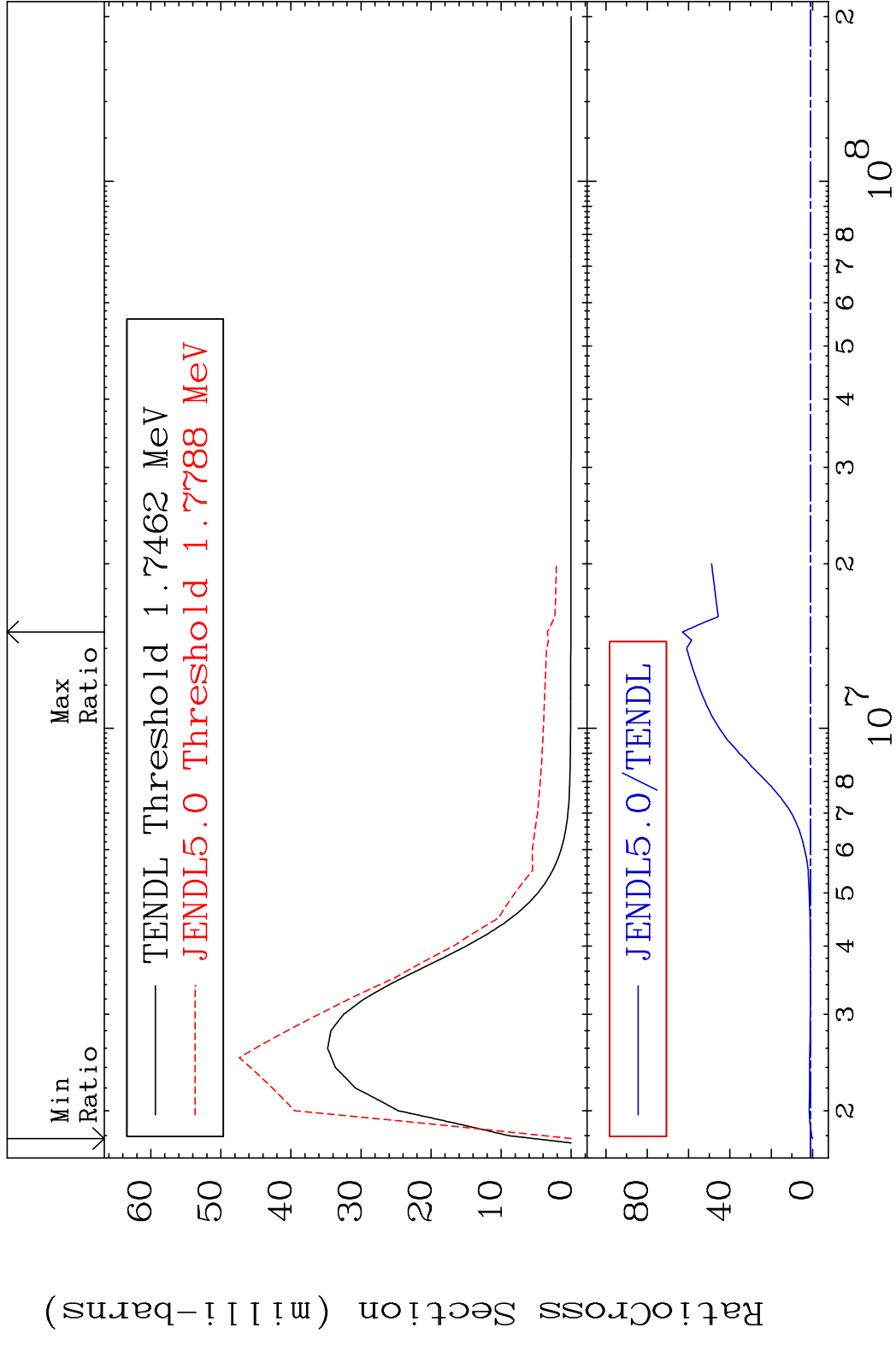
MAT 5131 MT= 65 (n,n') Level 51-Sb-123
 Cross Section -100.0 To -63.21%



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 6200. %

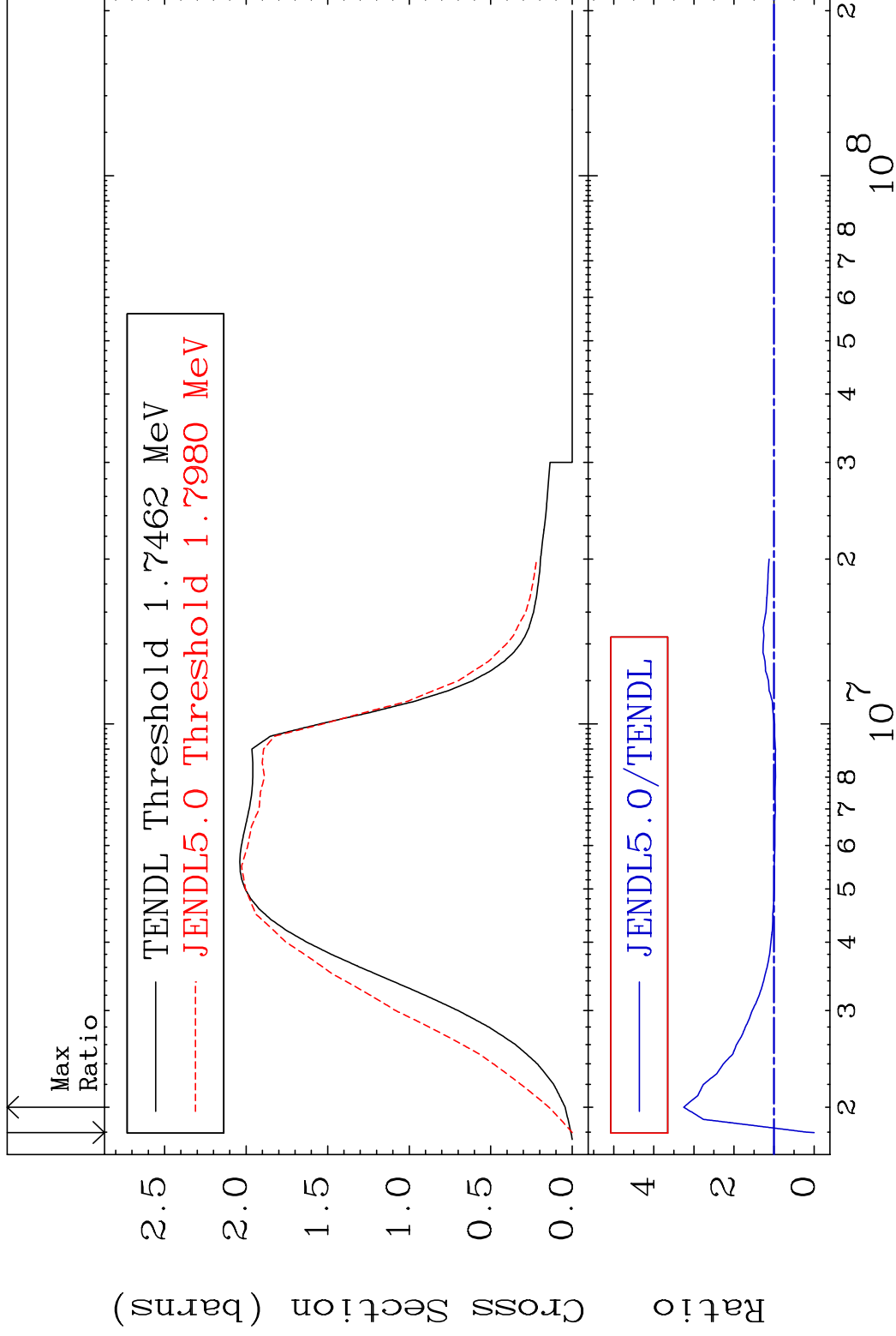


MAT 5131

(n, n') Continuum

51-Sb-123

Cross Section -100.0 To 225.5 %

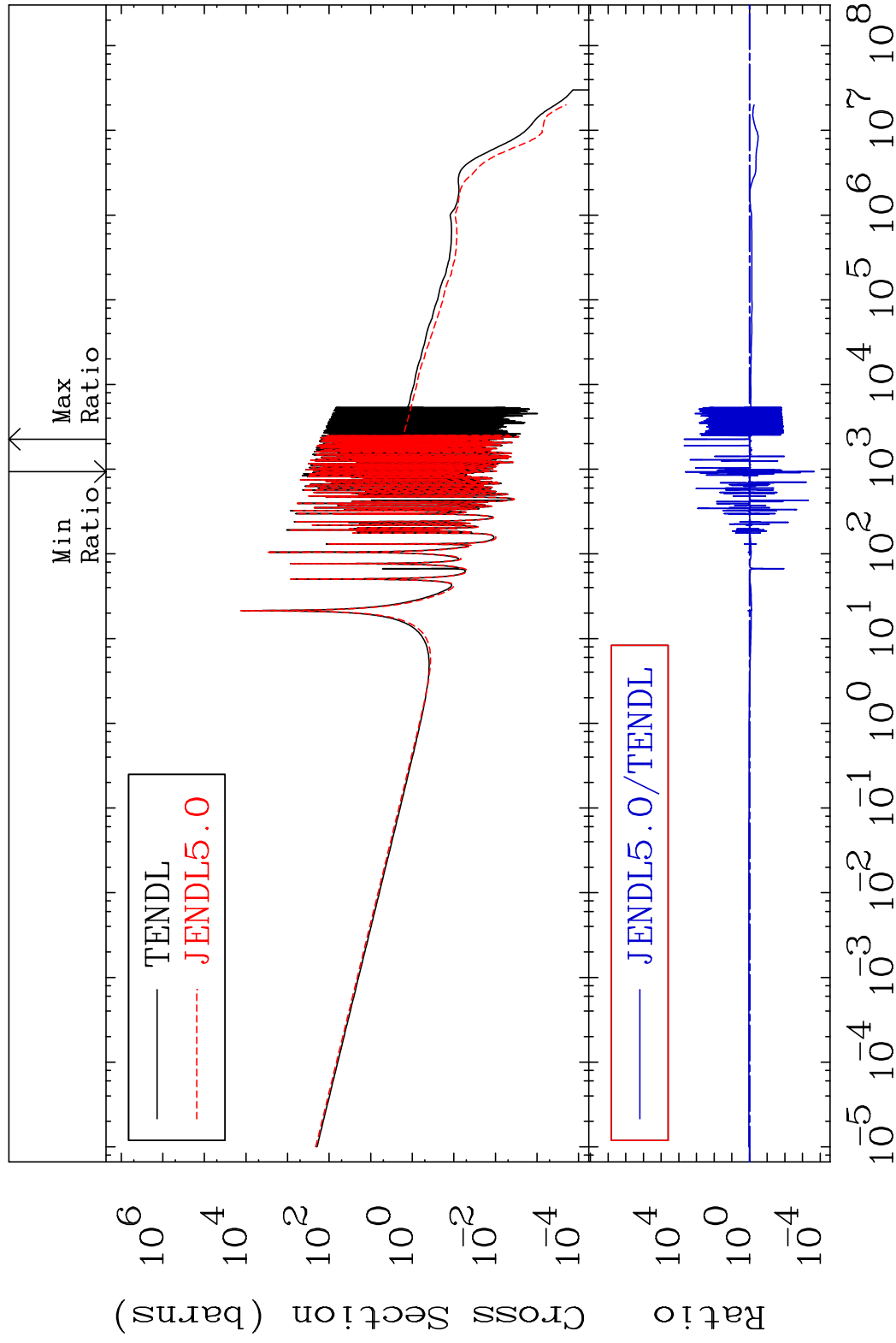


MAT 5131

(n, γ)

51-Sb-123

Cross Section -99.98 To 9999. %



27

Incident Energy (eV)

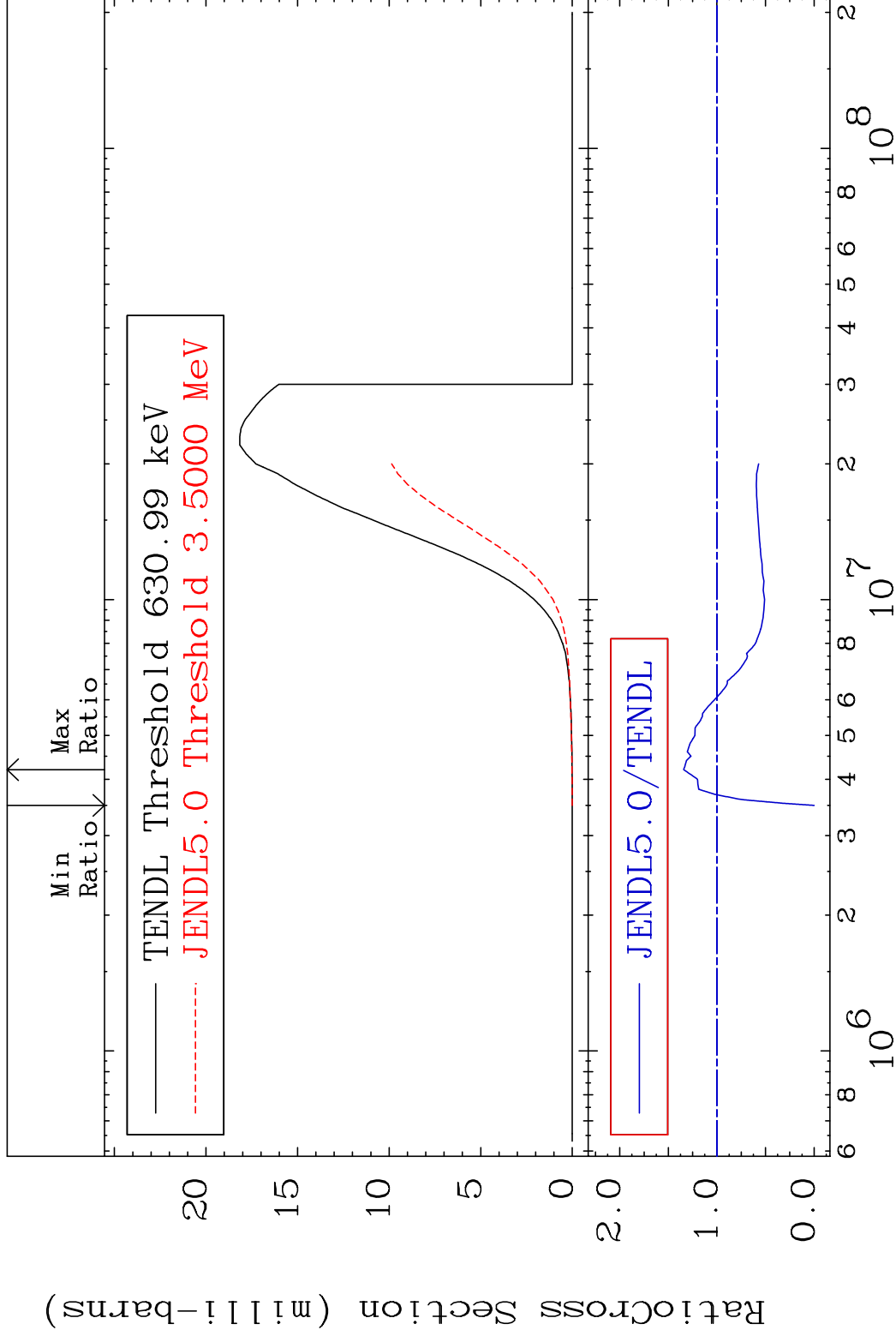
51-Sb-123

MAT 5131

(n, p)

51-Sb-123

Cross Section -100.0 To 34.24 %



28

Incident Energy (eV)

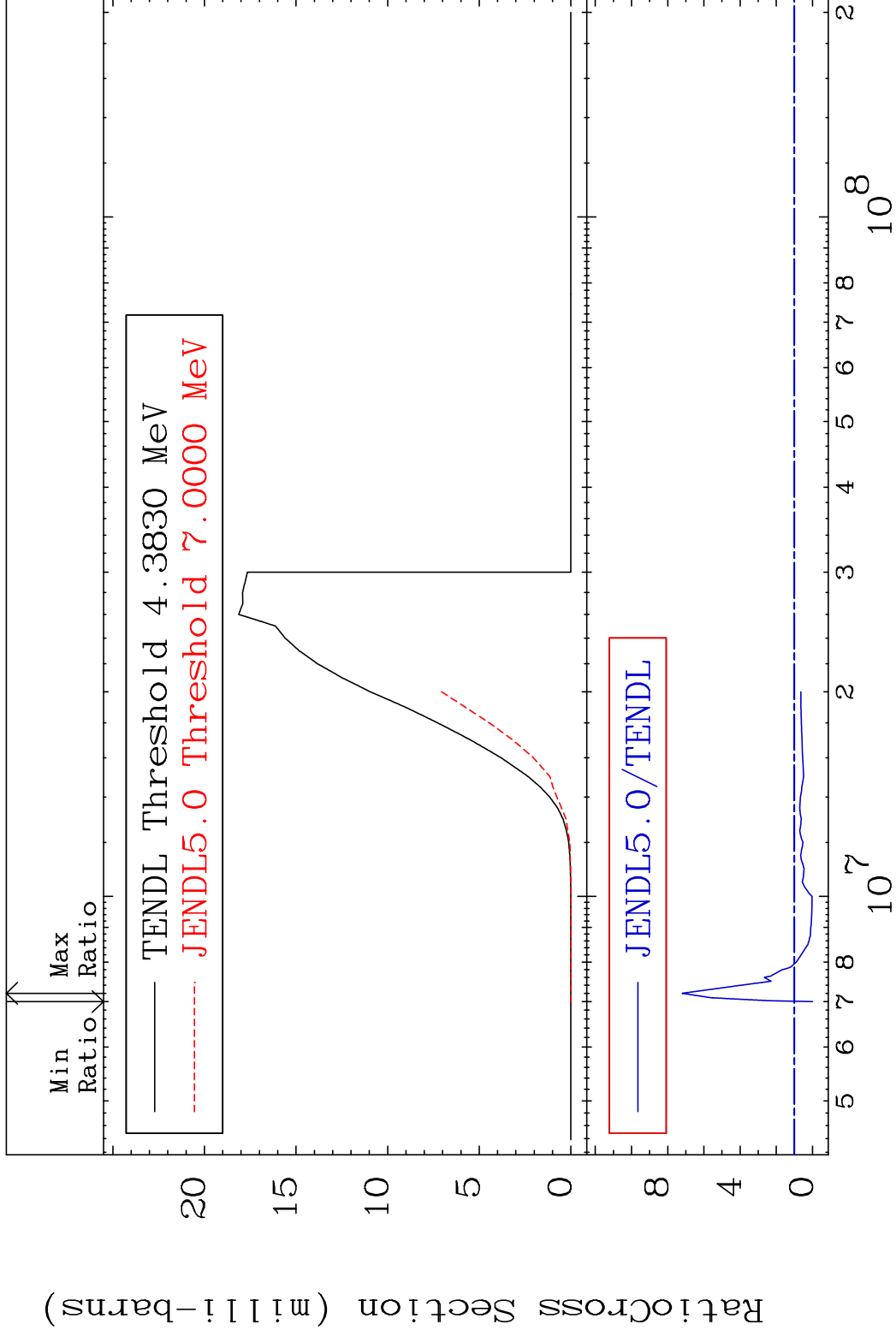
51-Sb-123

MAT 5131

(n,d)

51-Sb-123

Cross Section -100.0 To 620.1 %



29

Incident Energy (eV)

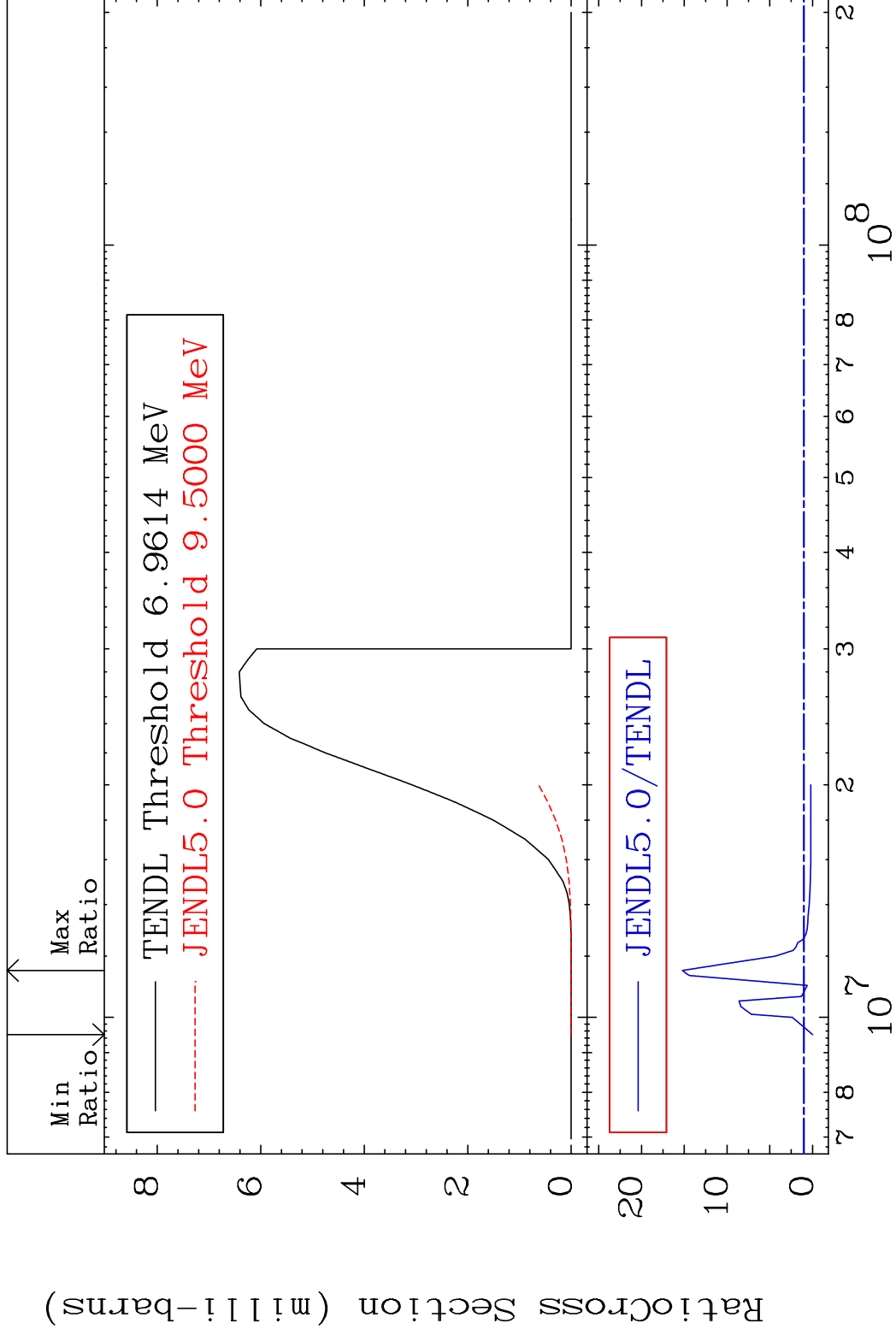
51-Sb-123

MAT 5131

(n, t)

51-Sb-123

Cross Section -100.0 To 1423. %



30

Incident Energy (eV)

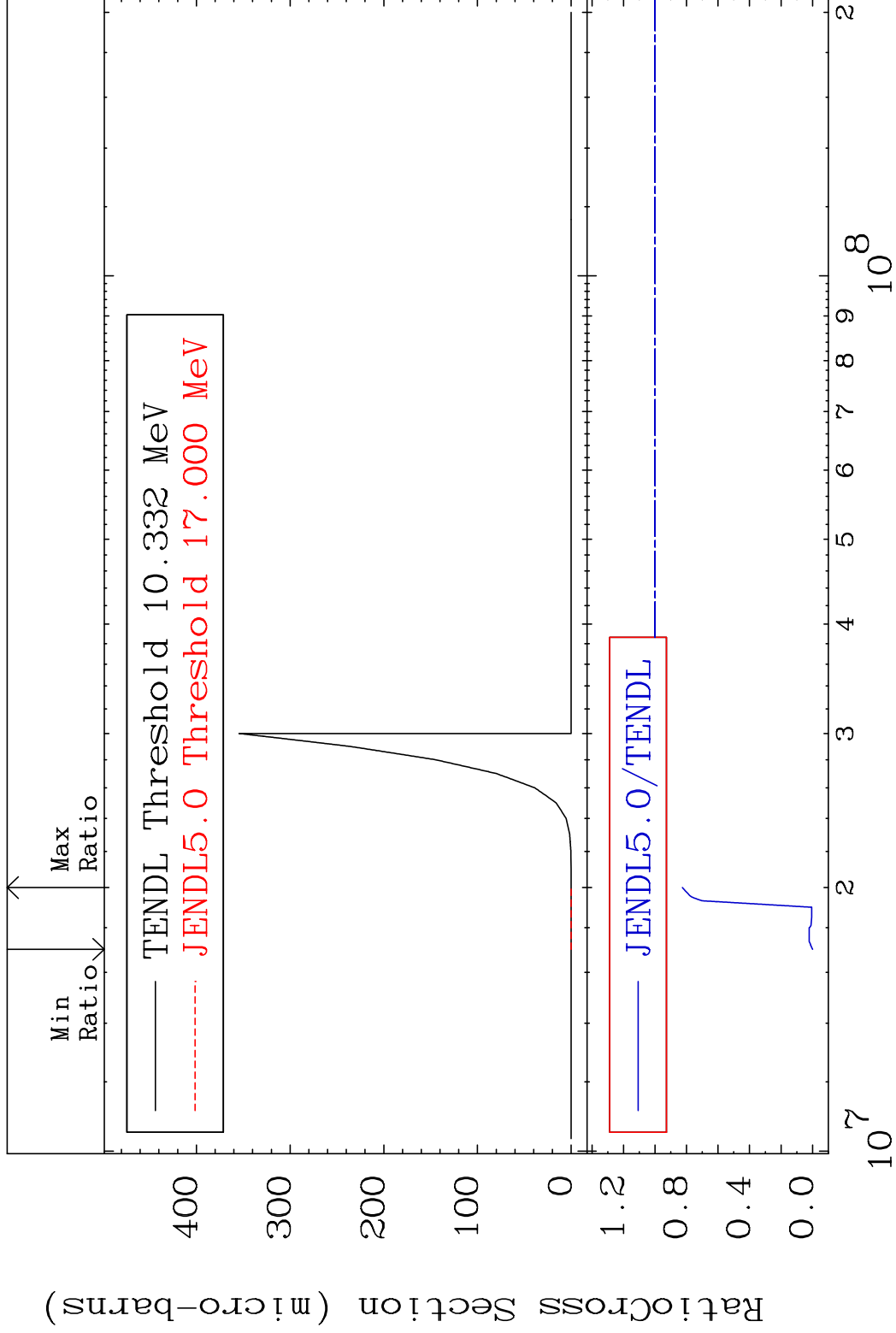
51-Sb-123

MAT 5131

(n, He-3)

51-Sb-123

Cross Section -100.0 To -17.35%



31

Incident Energy (eV)

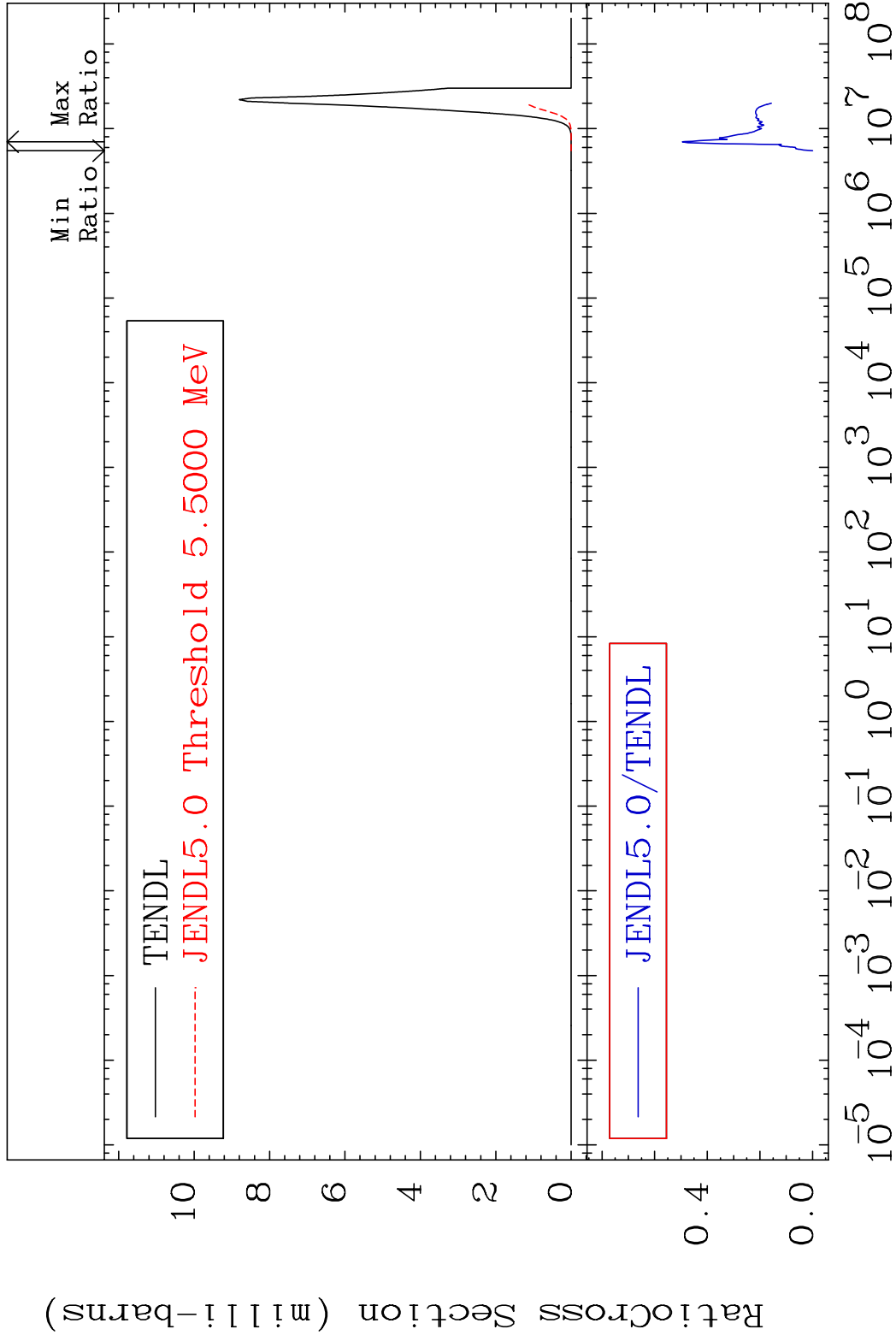
51-Sb-123

MAT 5131

(n, α)

51-Sb-123

Cross Section -100.0 To -50.53%



32

Incident Energy (eV)

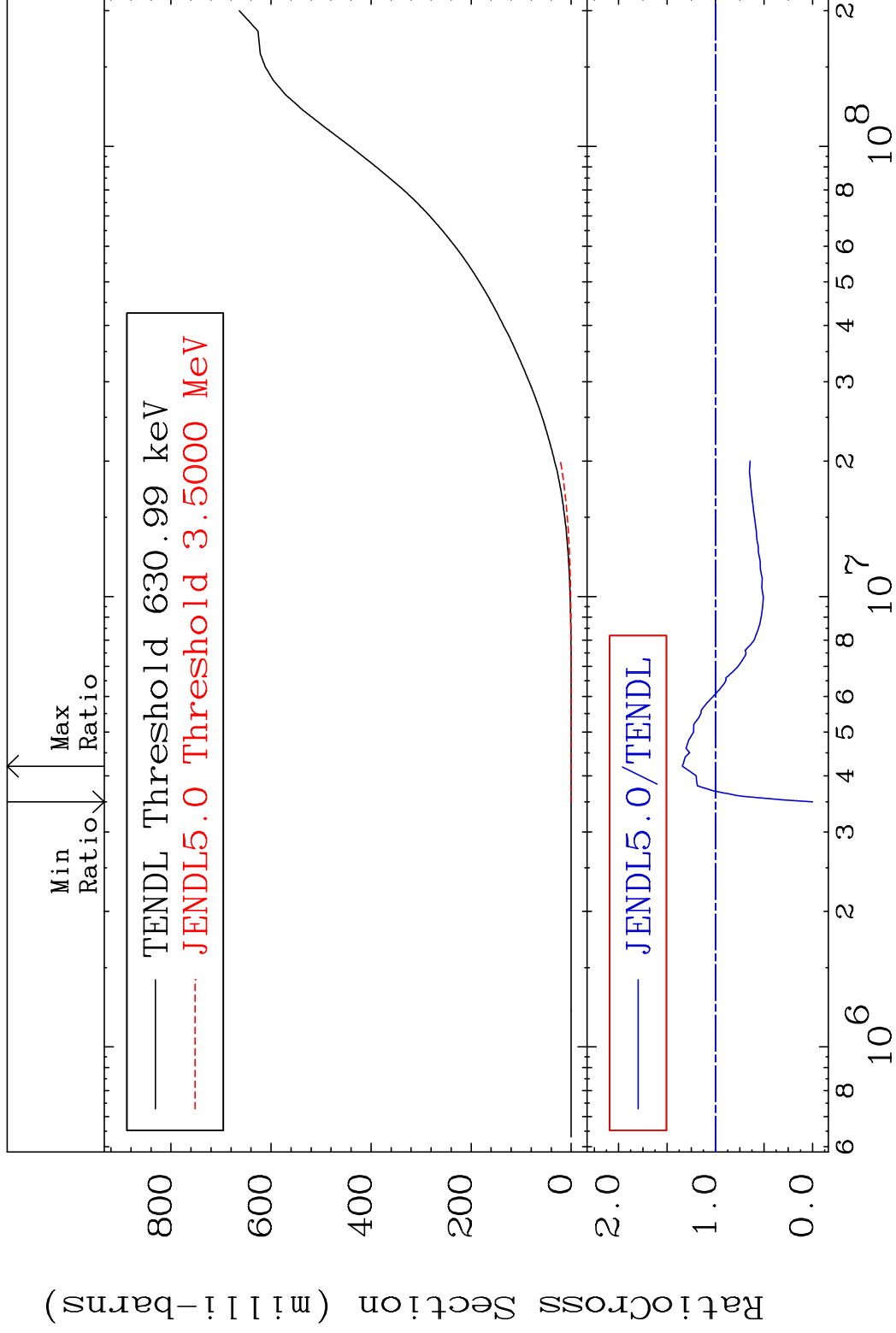
51-Sb-123

MAT 5131

Hydrogen Production

51-Sb-123

Cross Section -100.0 To 34.24 %

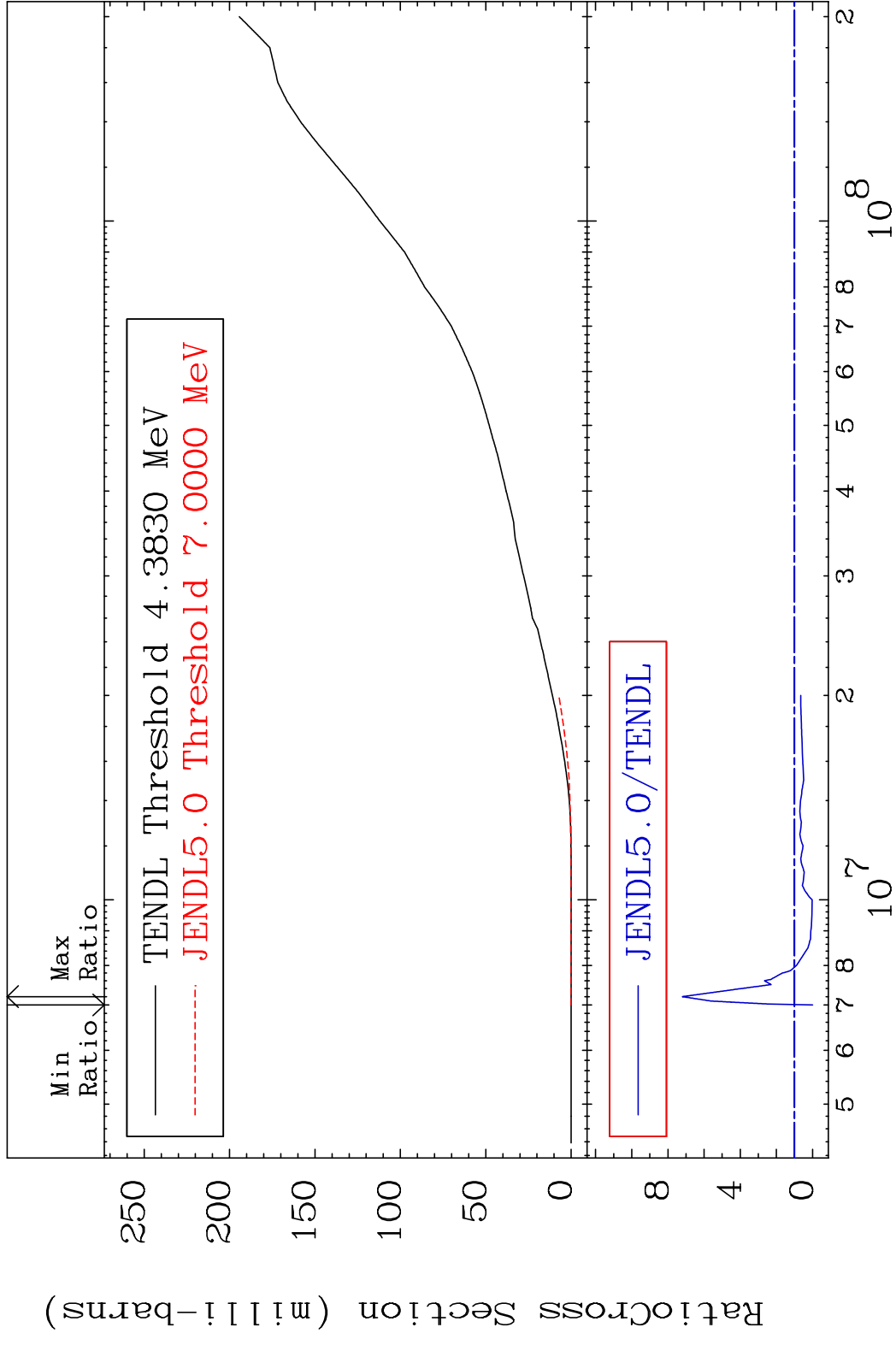


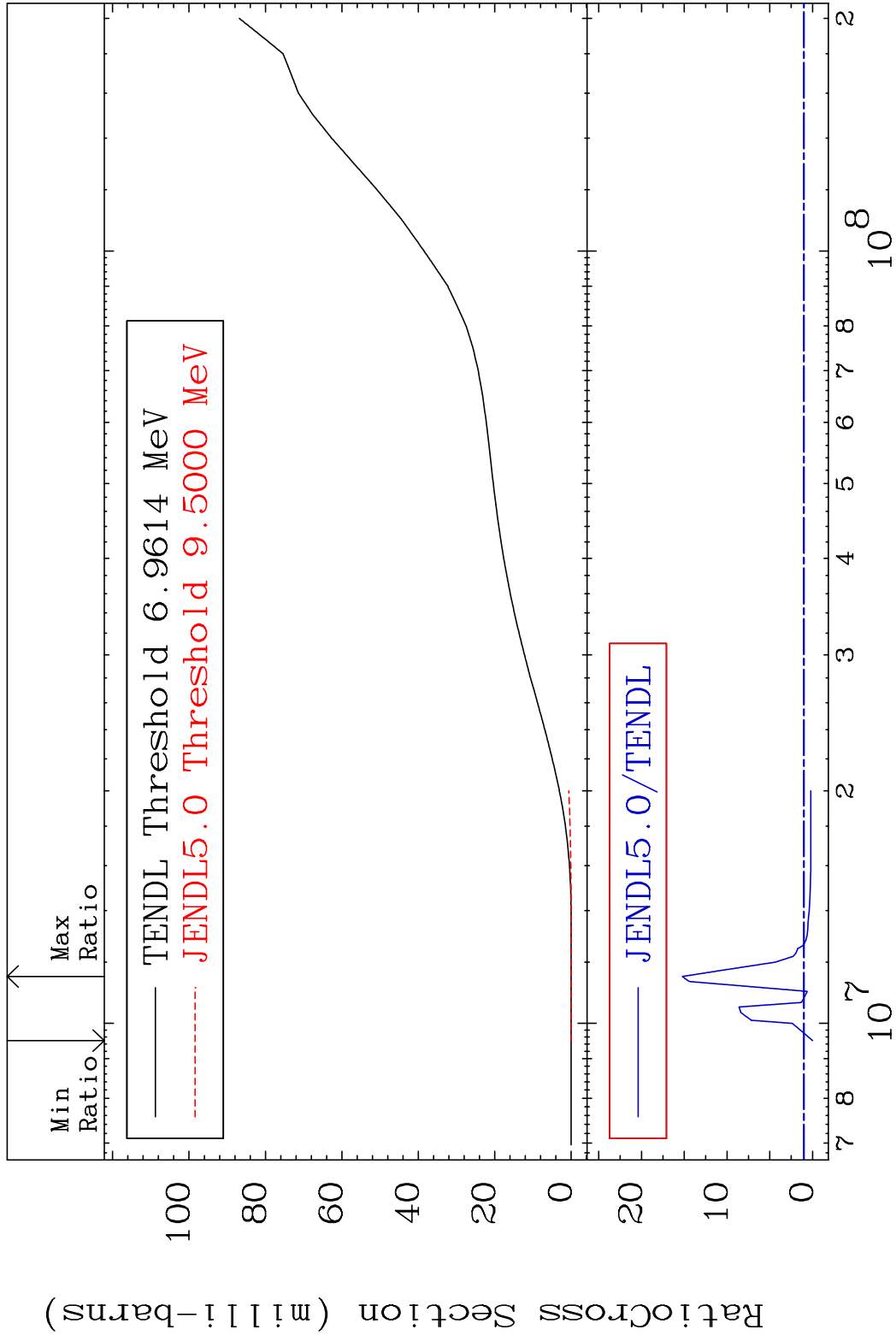
33

Incident Energy (eV)

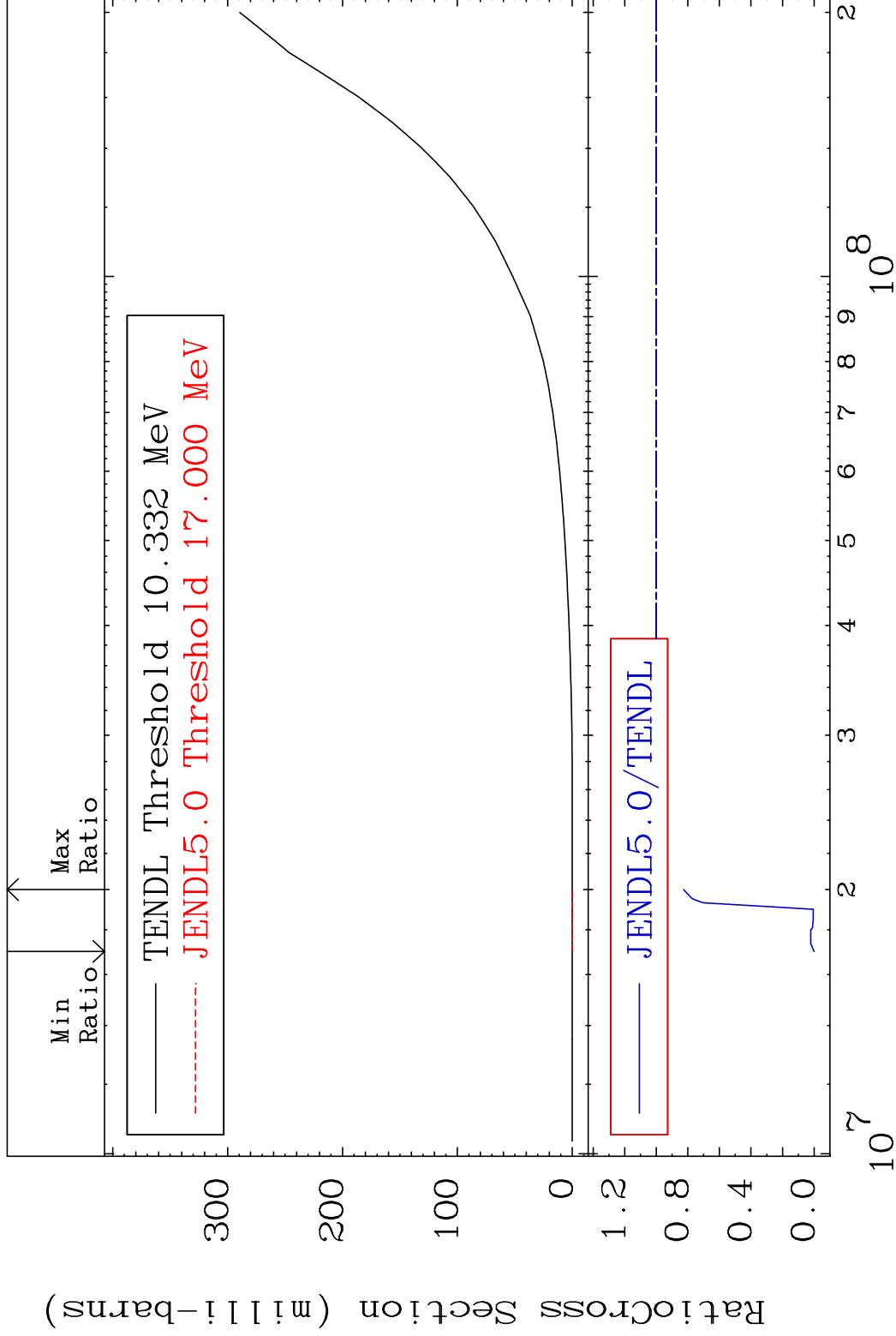
51-Sb-123

MAT 5131 Deuterium Production 51-Sb-123
 Cross Section -100.0 To 620.1 %





Cross Section -100.0 To -17.35%

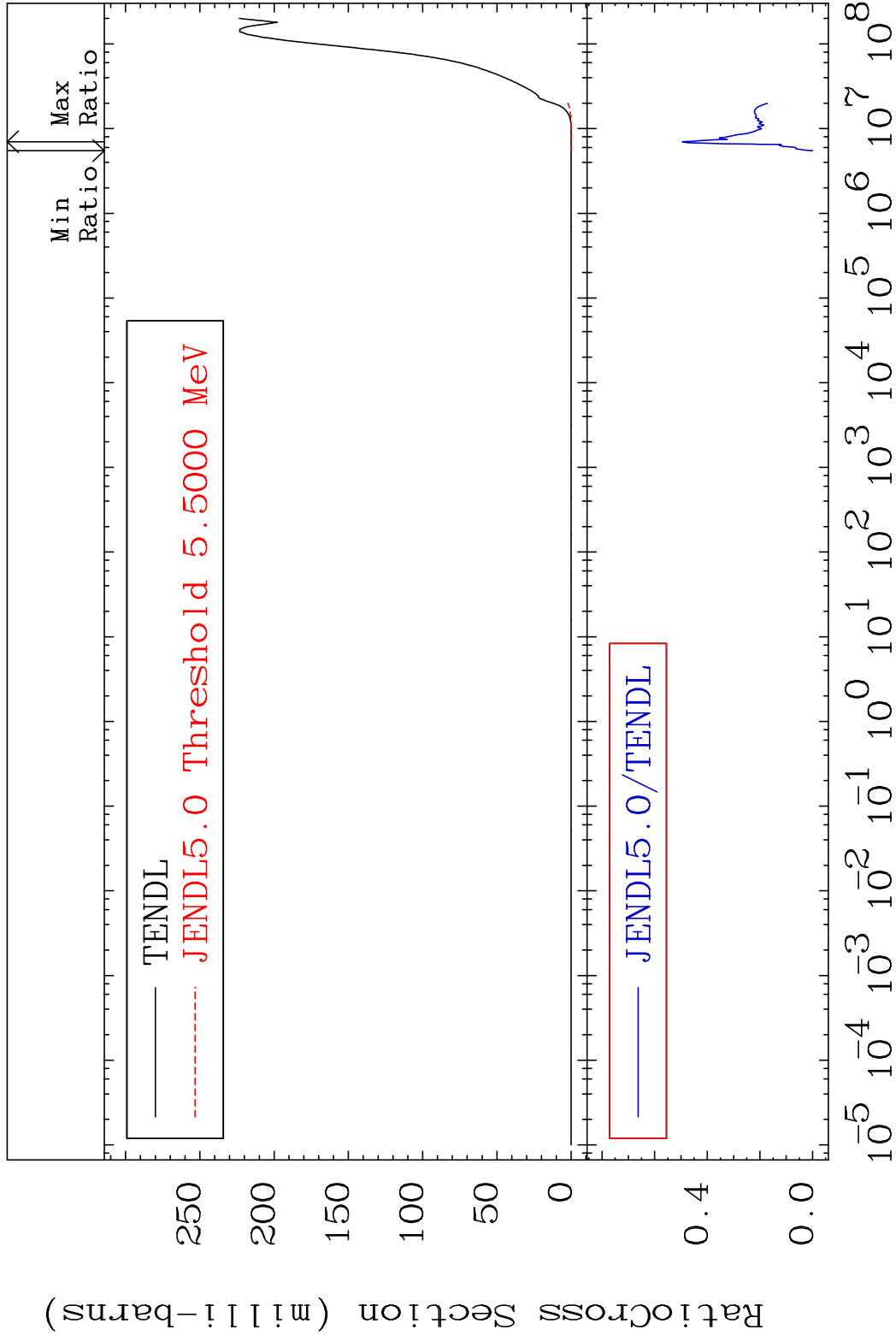


MAT 5131

He-4 Production

51-Sb-123

Cross Section -100.0 To -50.53%

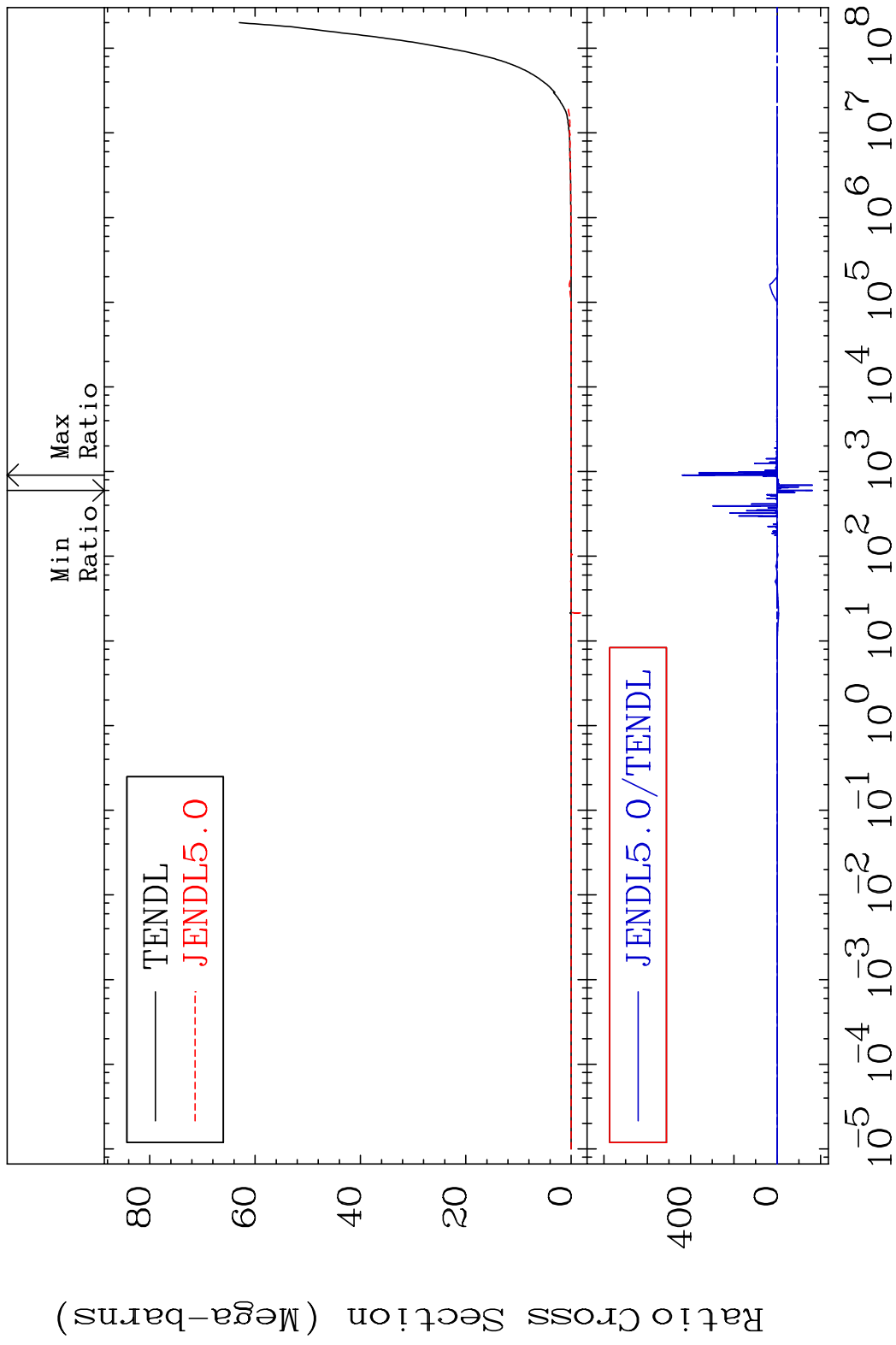


37

Incident Energy (eV)

51-Sb-123

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



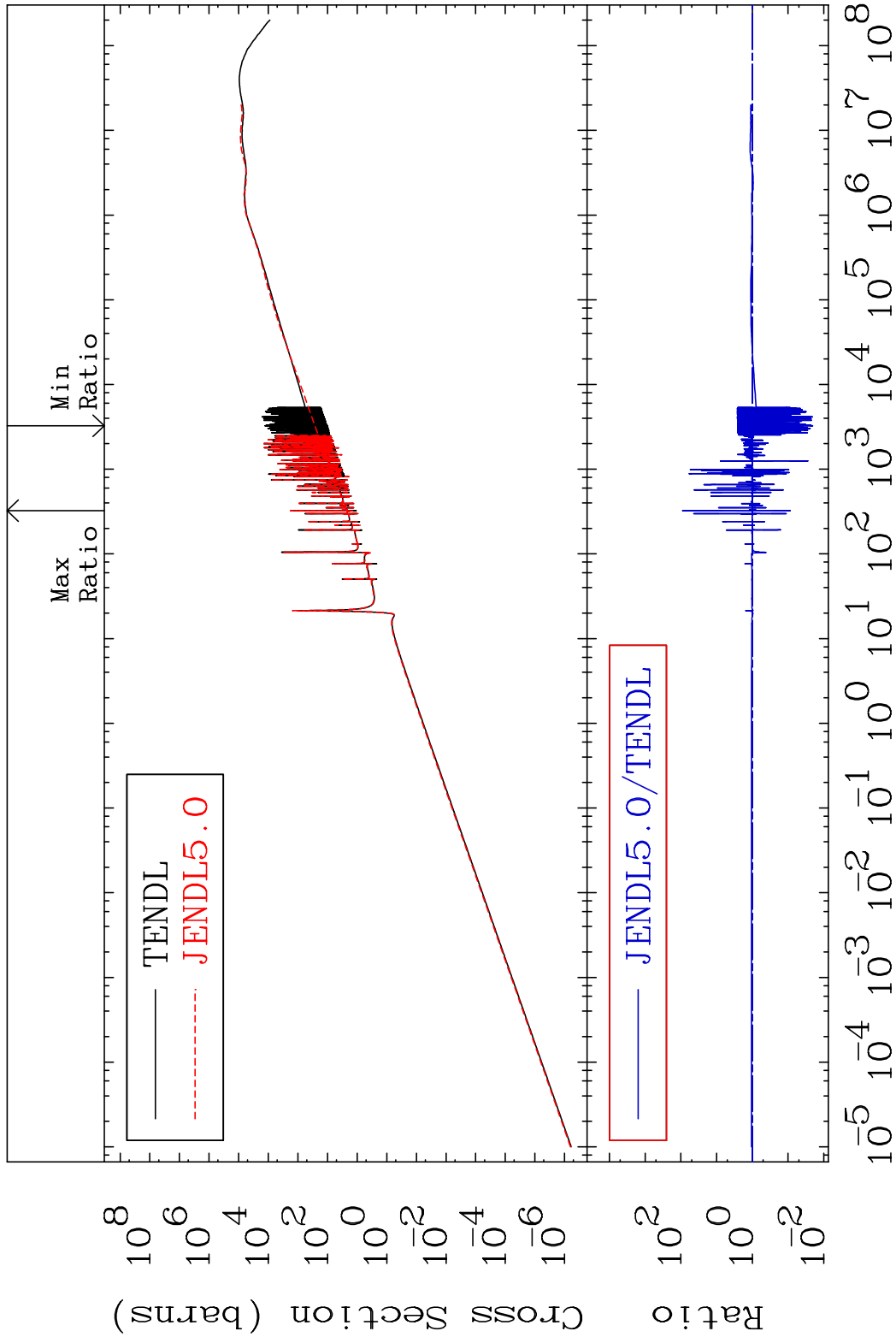
38 Incident Energy (eV) 51-Sb-123

MAT 5131

Kerma elastic

51-Sb-123

Cross Section -97.94 To 8999. %

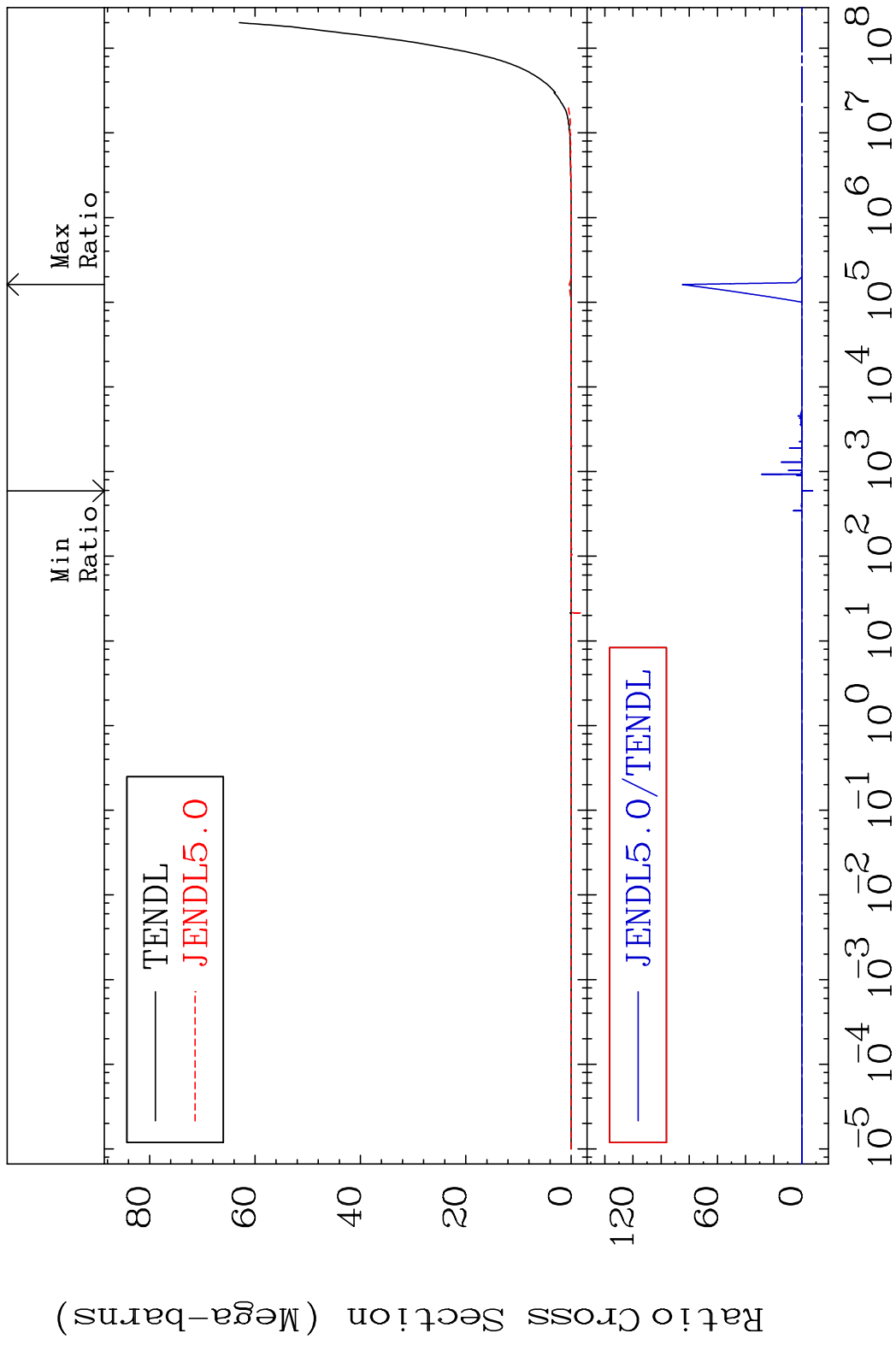


39

Incident Energy (eV)

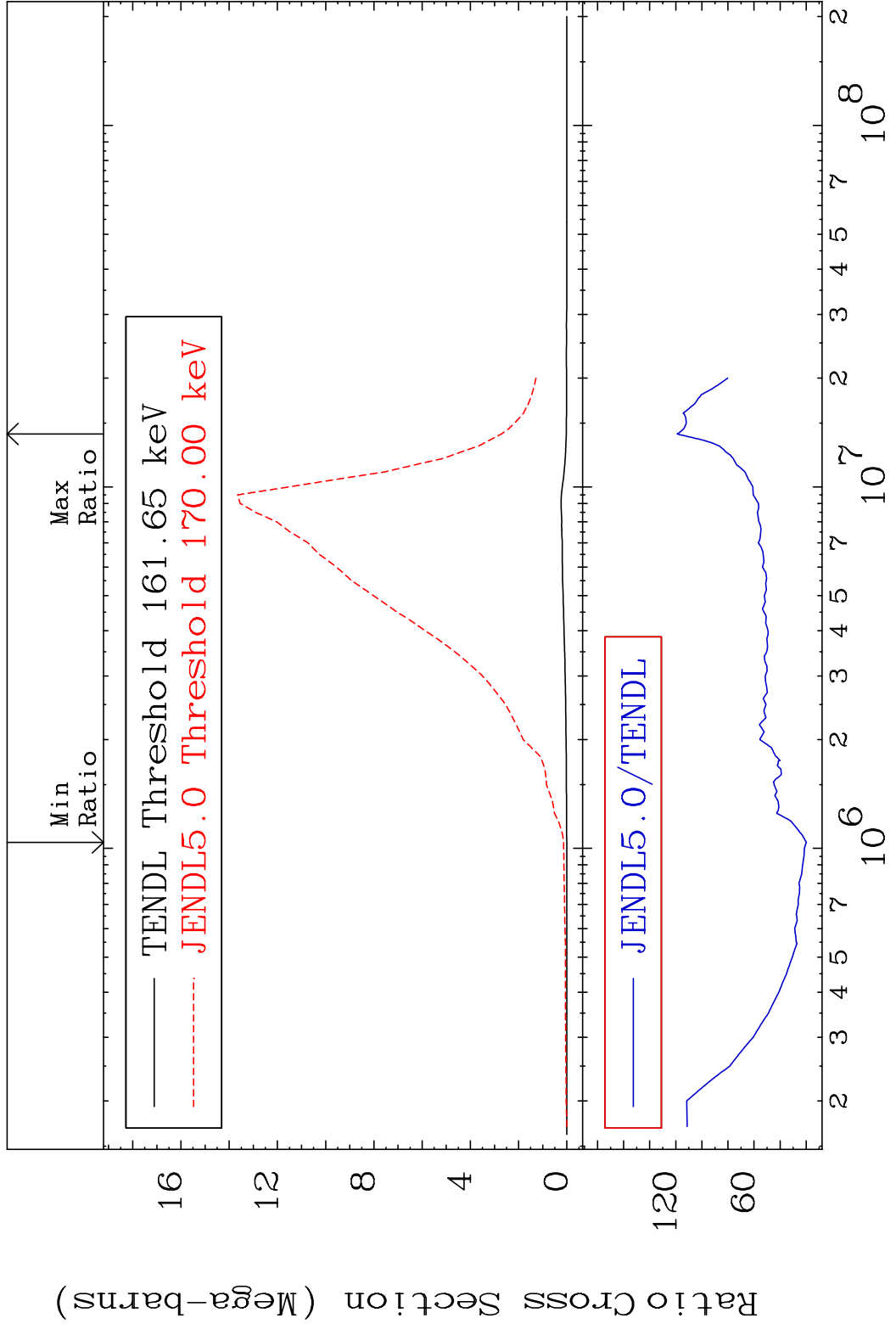
51-Sb-123

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

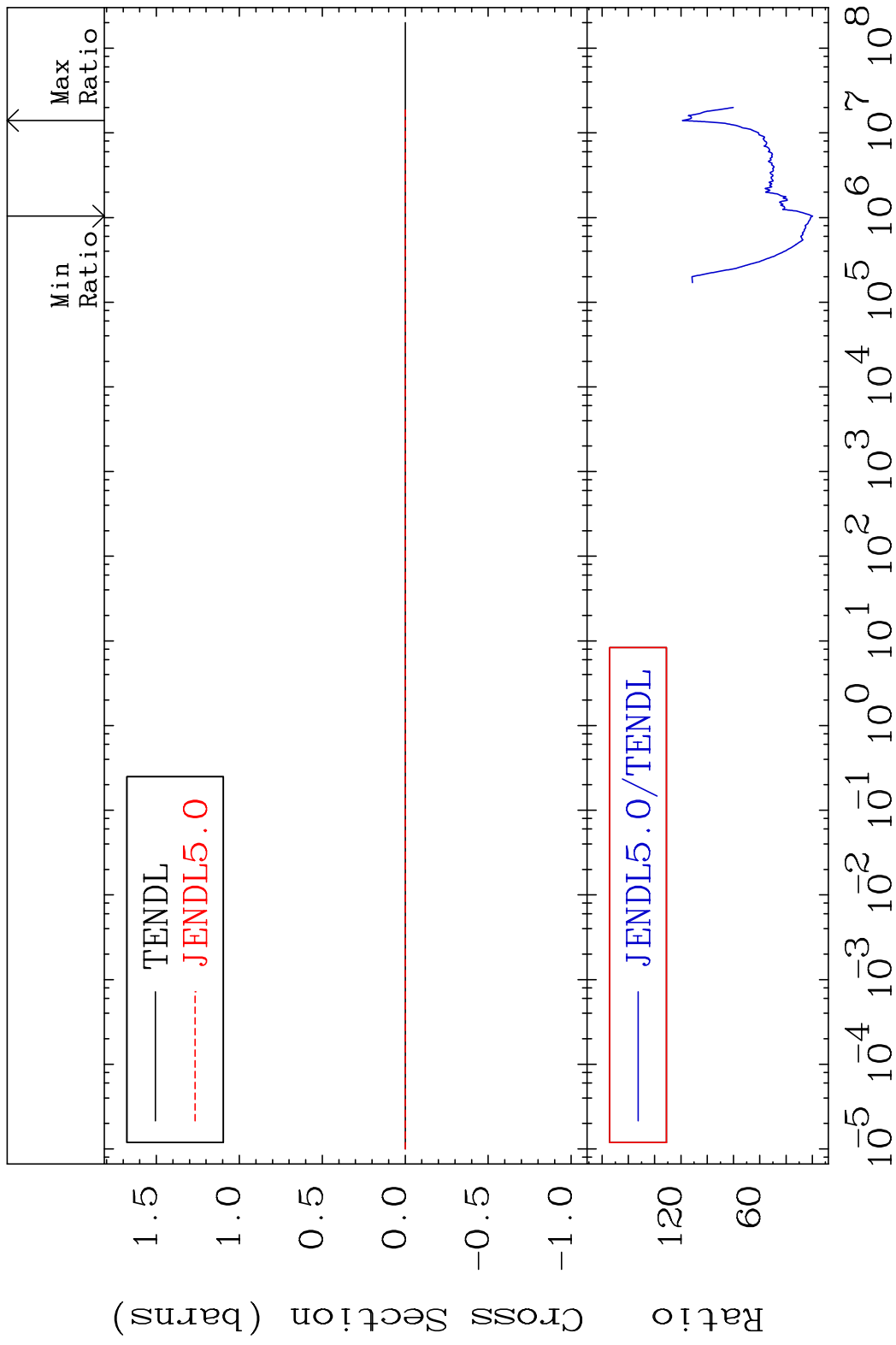


40 Incident Energy (eV) 51-Sb-123

MAT 5131 Kerma inelastic (mt51-91) 51-Sb-123
 Cross Section 1883. To 9999. %

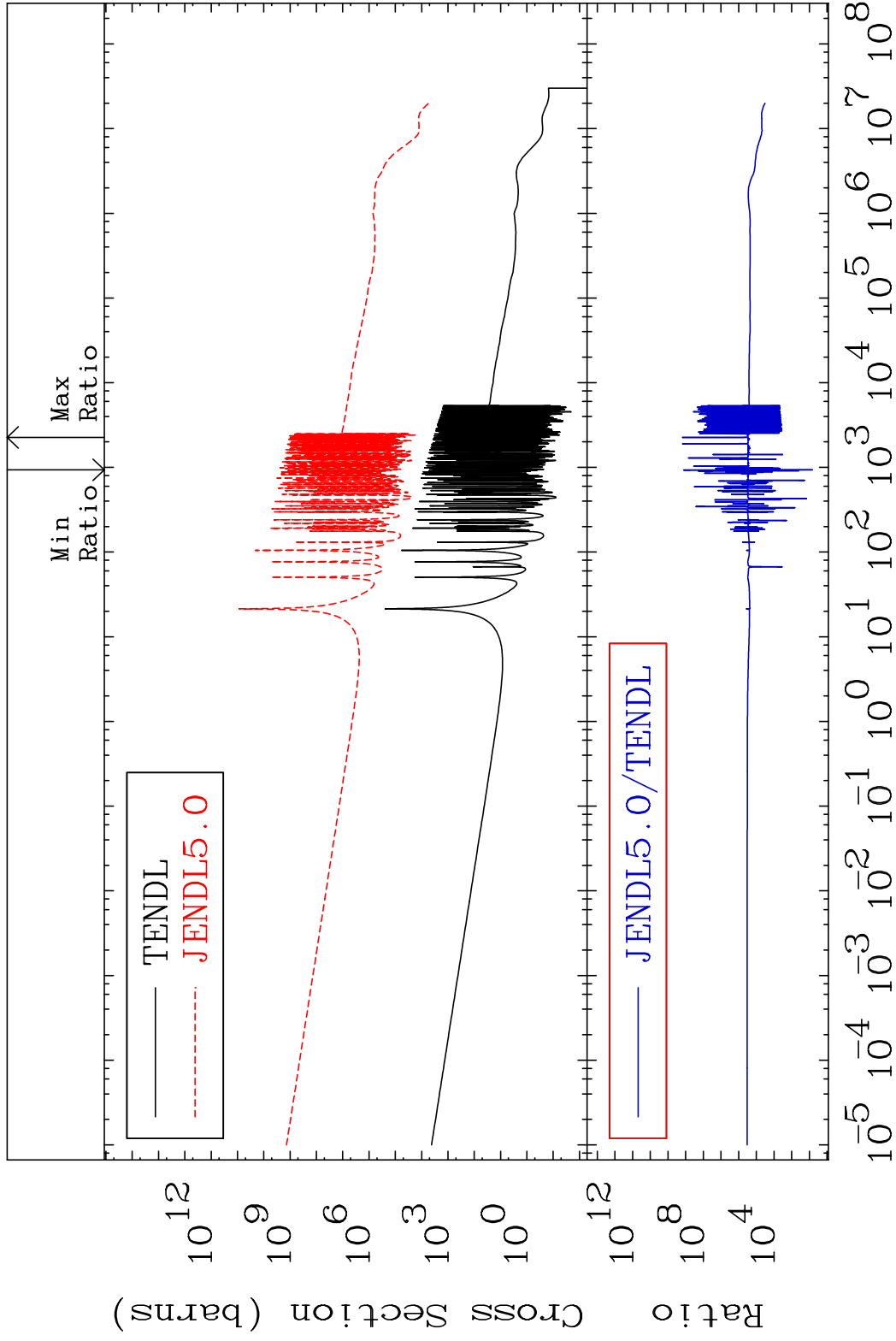


MAT 5131 Kerma fission (mt18 or mt19-20-21-38) 51-Sb-123
 Cross Section 1883. To 9999. %

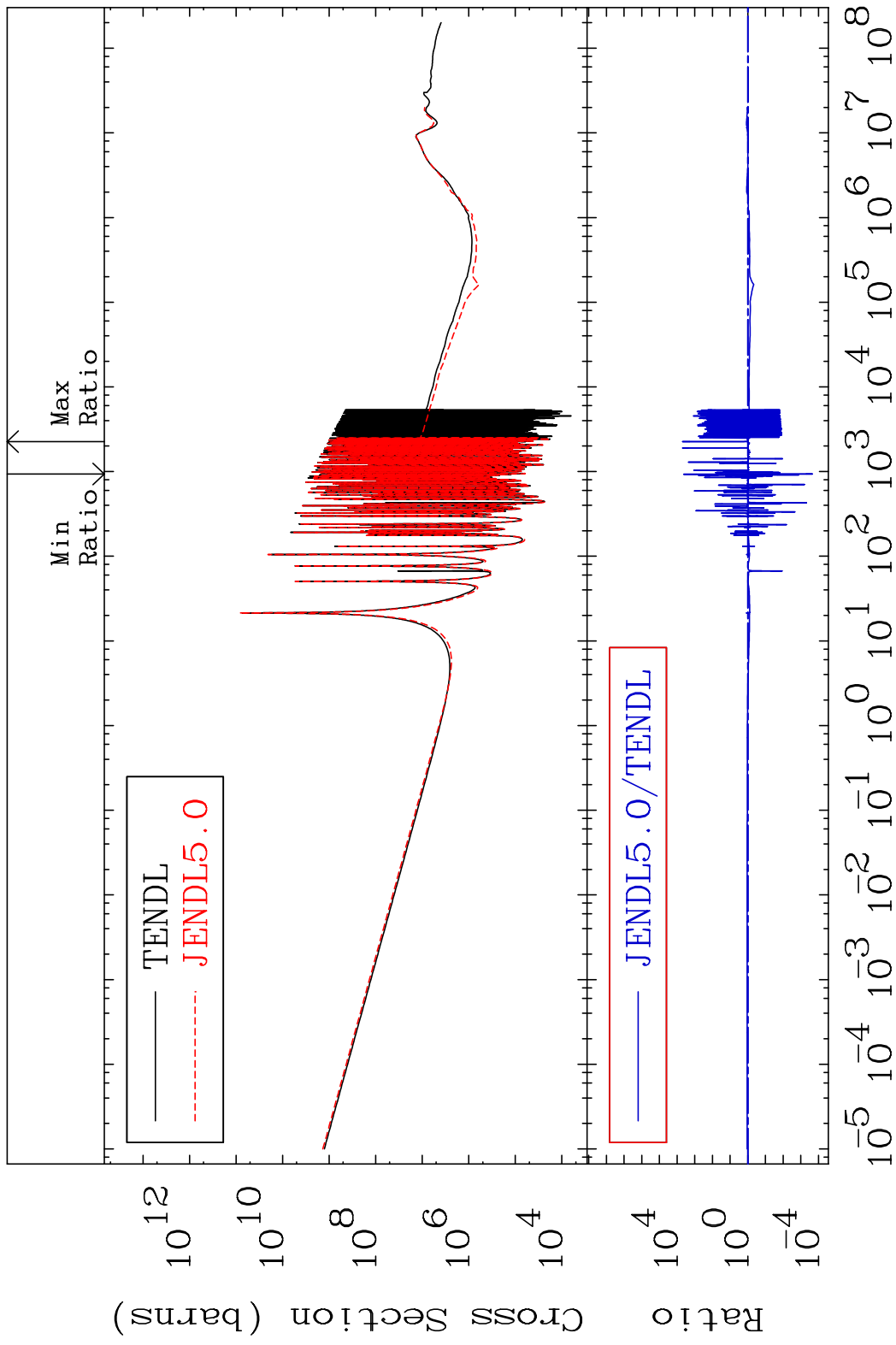


MAT 5131

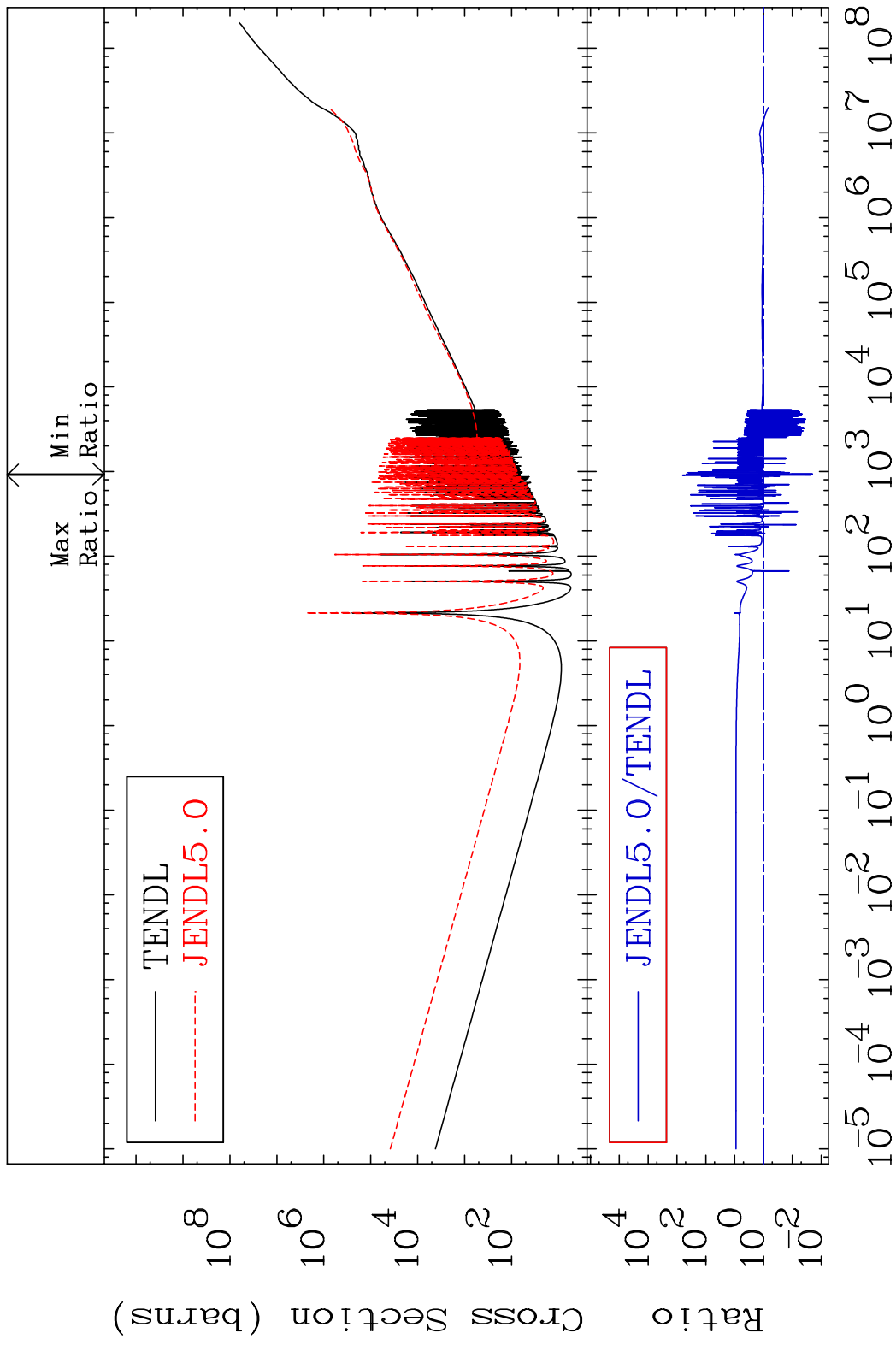
Kerma capture (mt102) 51-Sb-123
Cross Section 6468. To 9999. %



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



MAT 5131 Total kinematic kerma (high limit) 51-Sb-123
 Cross Section -98.00 To 9999. %

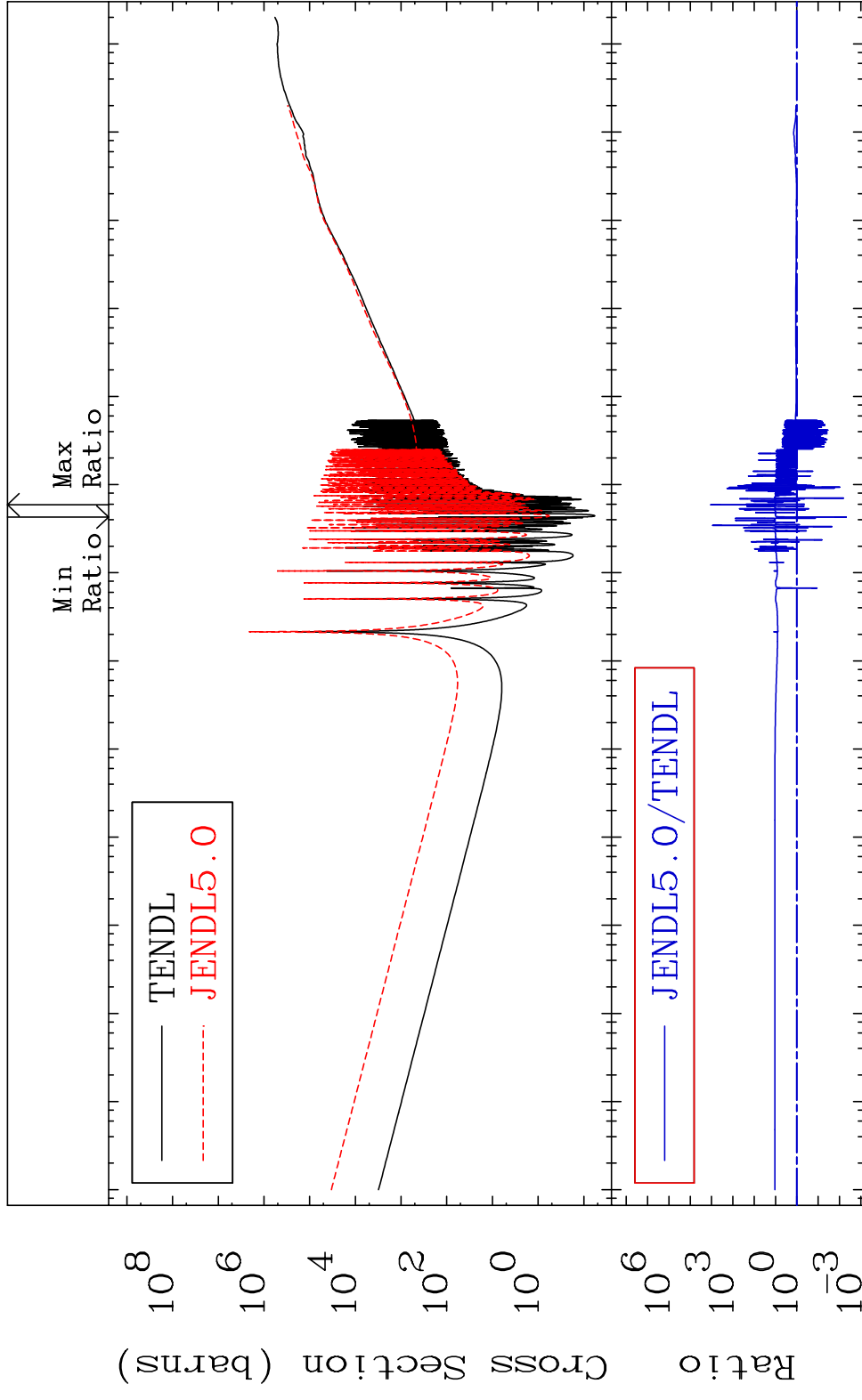


MAT 5131

Dpa total (eV-barns)

51-Sb-123

Cross Section -99.52 To 9999. %



46

Incident Energy (eV)

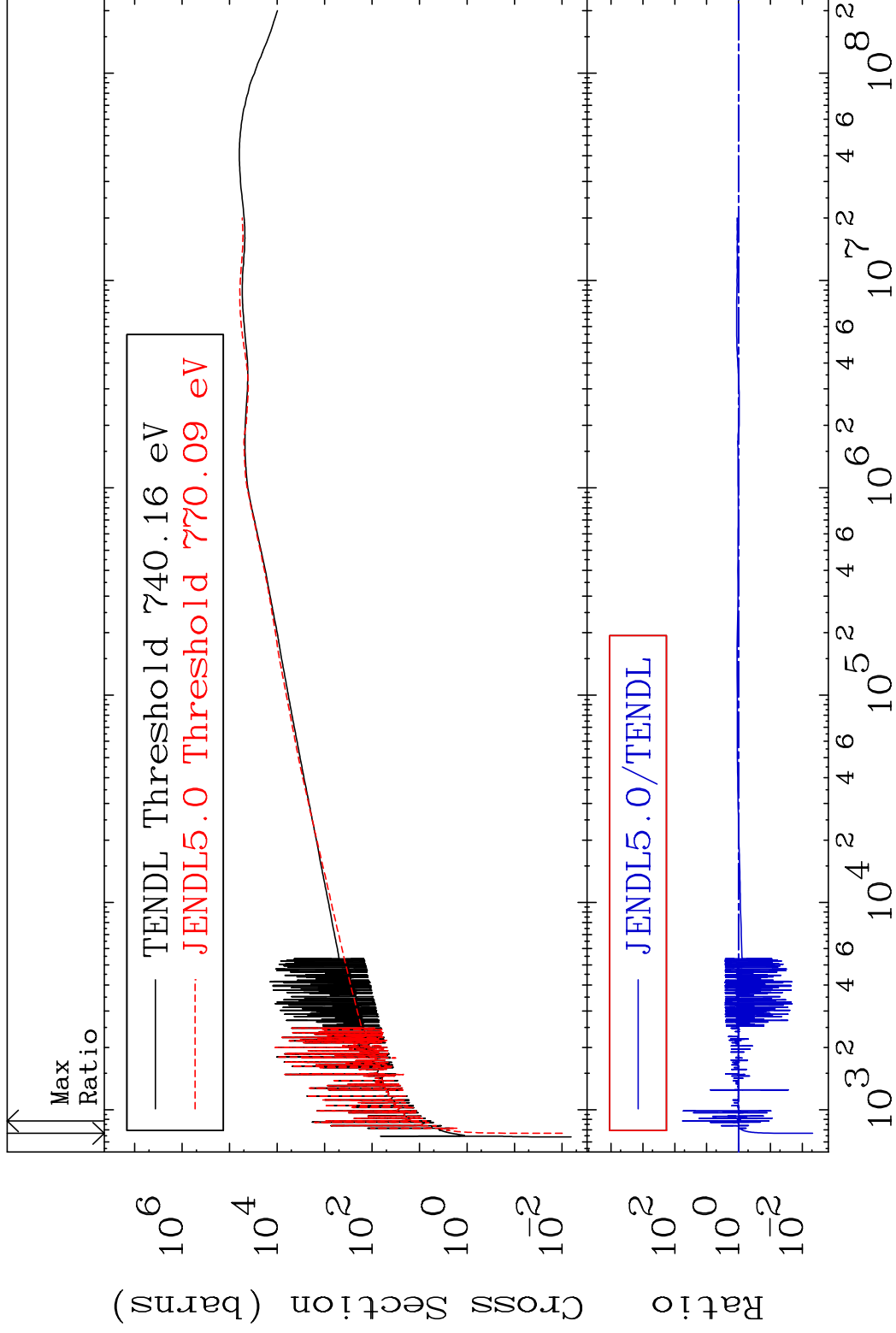
51-Sb-123

MAT 5131

Dpa elastic (mt2)

51-Sb-123

Cross Section -99.52 To 5683. %



47

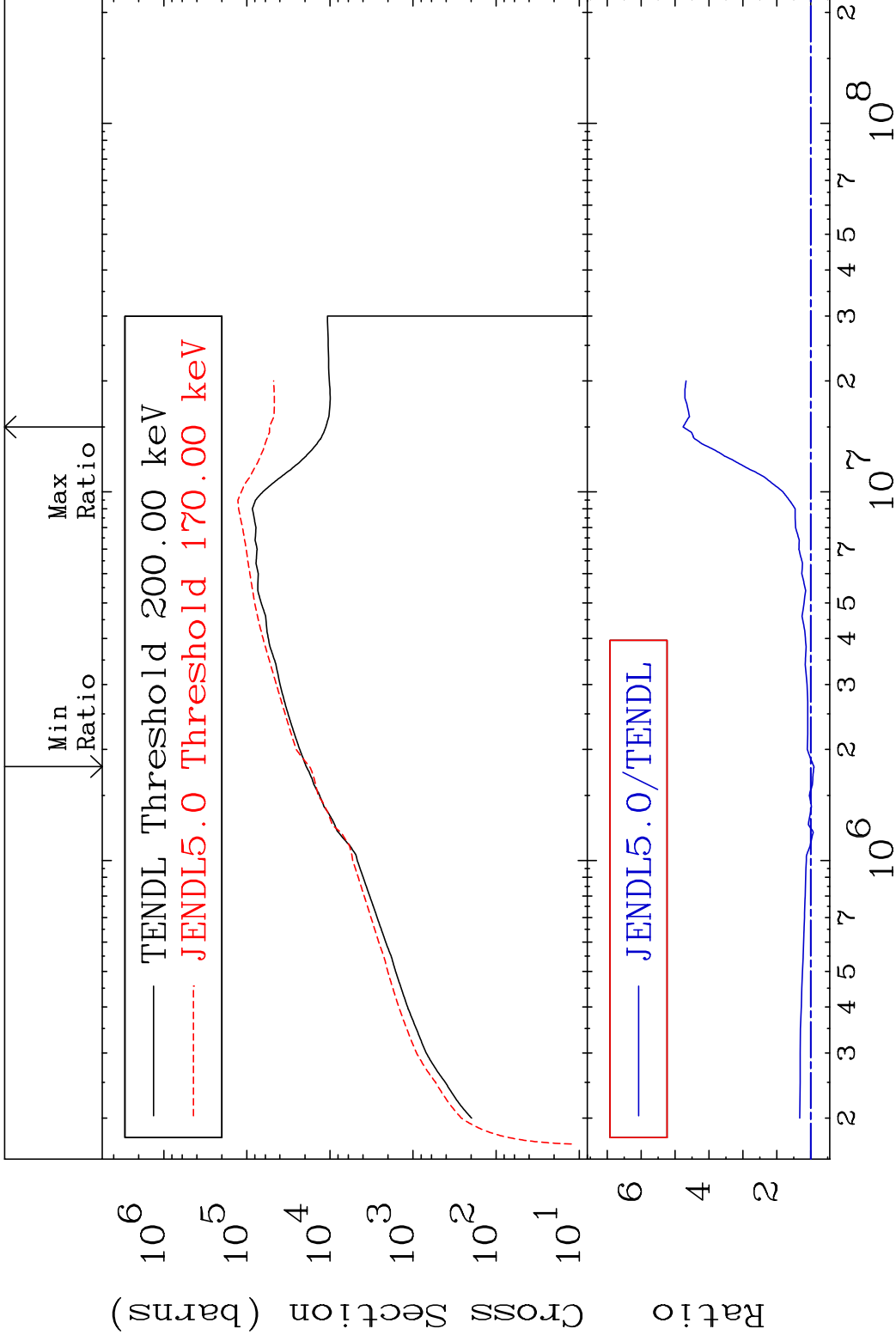
Incident Energy (eV)

51-Sb-123

MAT 5131

Dpa inelastic (mt51-91) 51-Sb-123

Cross Section -9.238 To 376.5 %

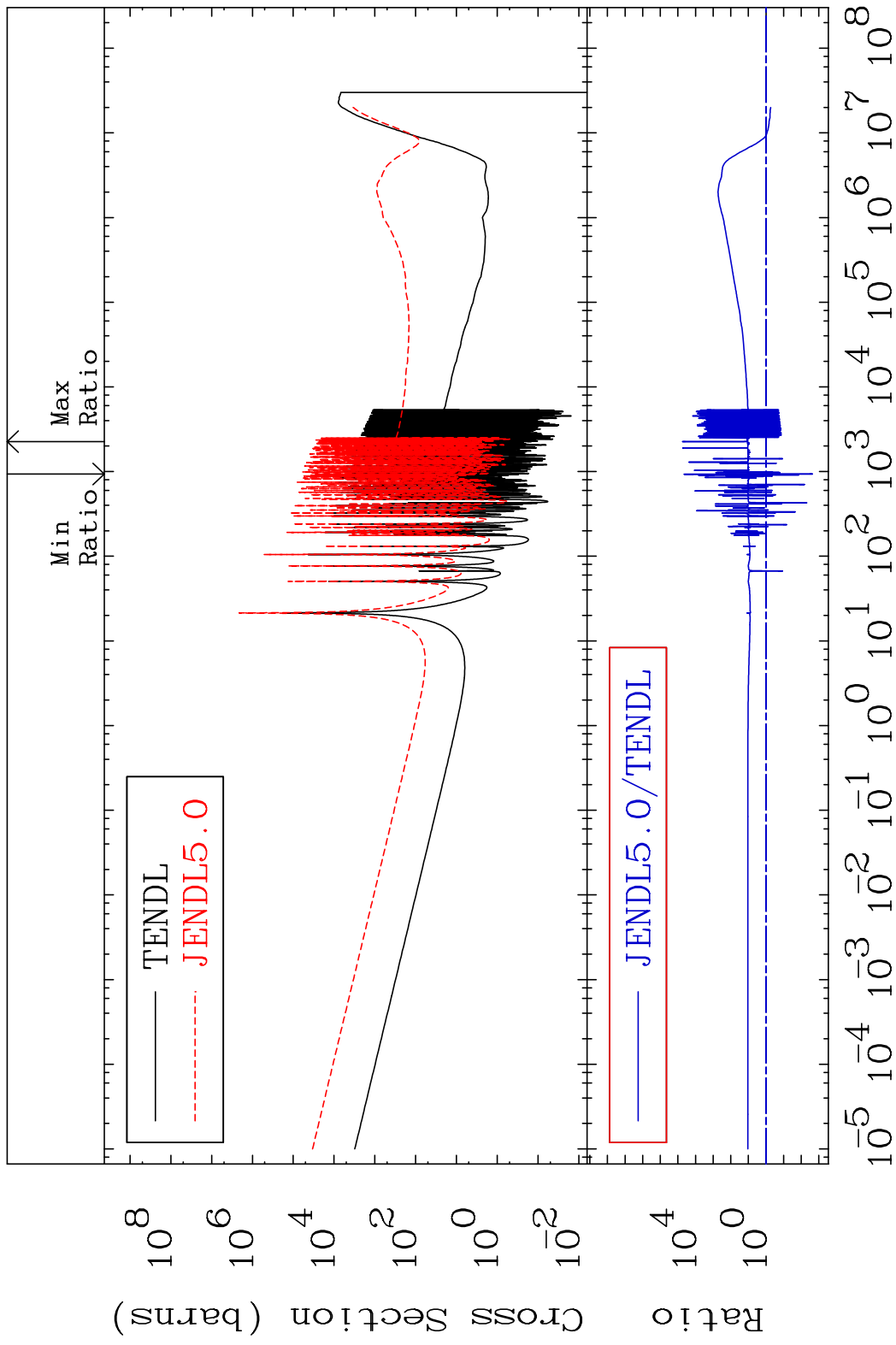


48

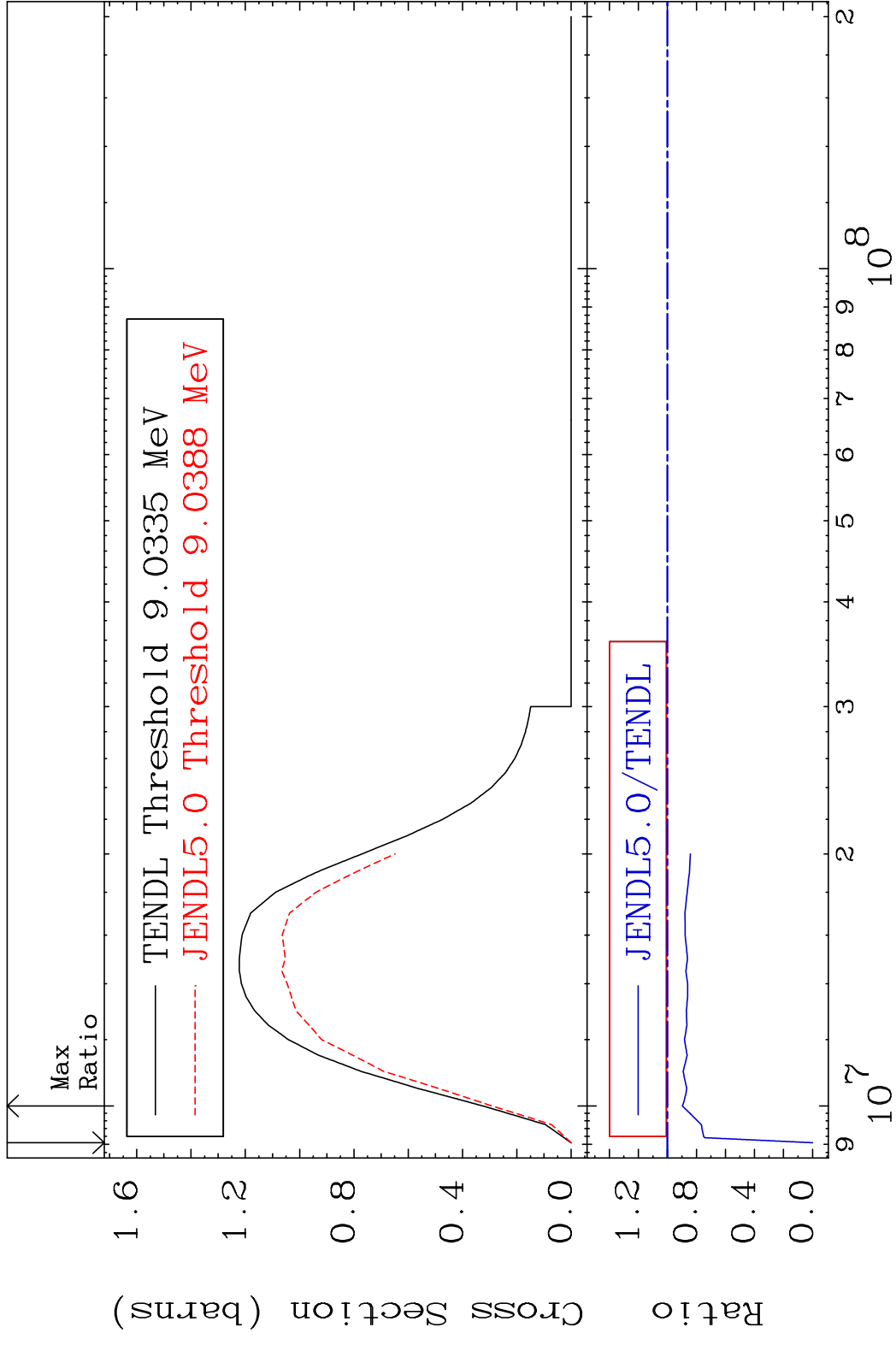
Incident Energy (eV)

51-Sb-123

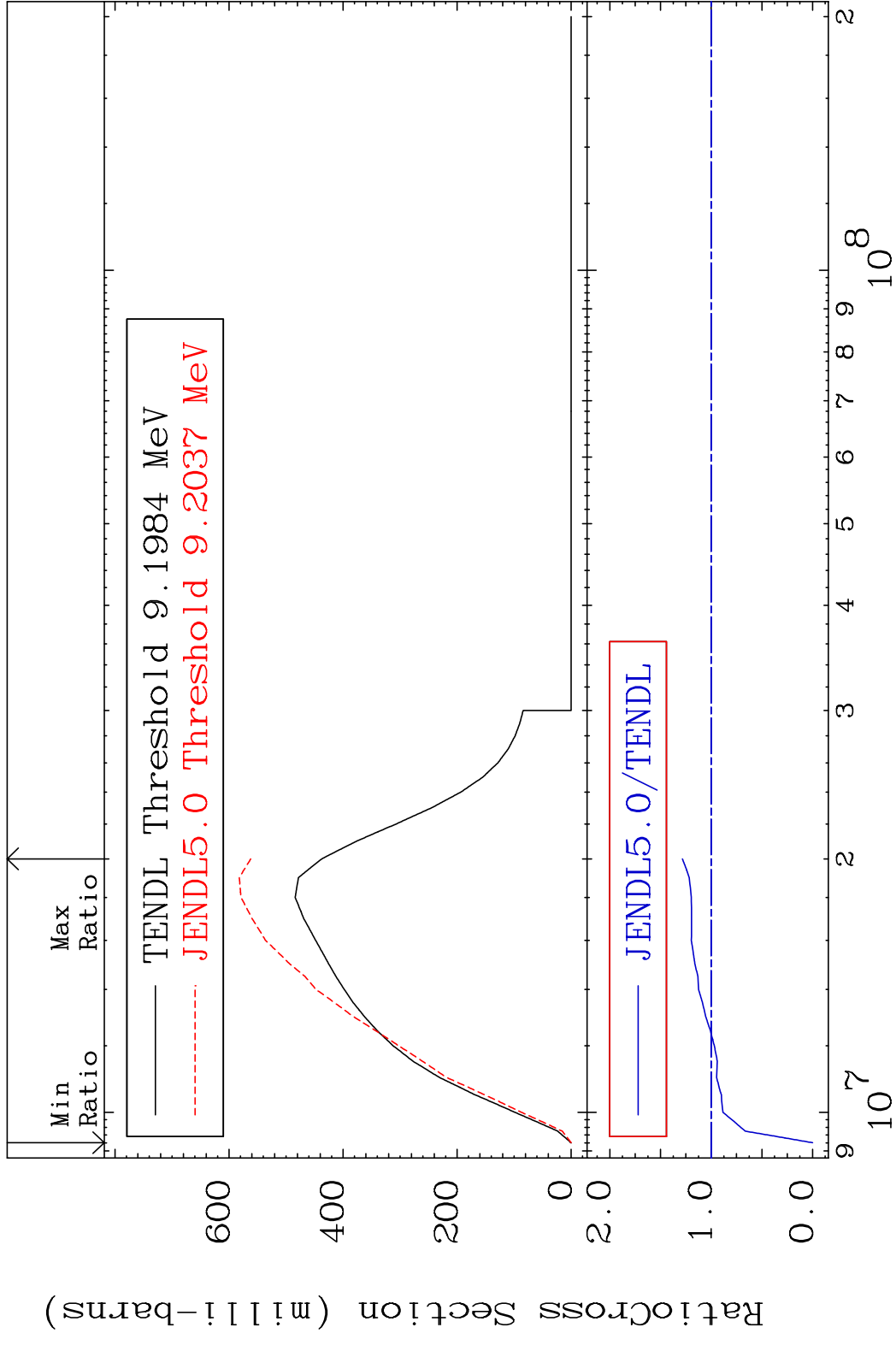
MAT 5131 Dpa disappearance (mt102 -120) 51-Sb-123
 Cross Section -99.77 To 9999. %

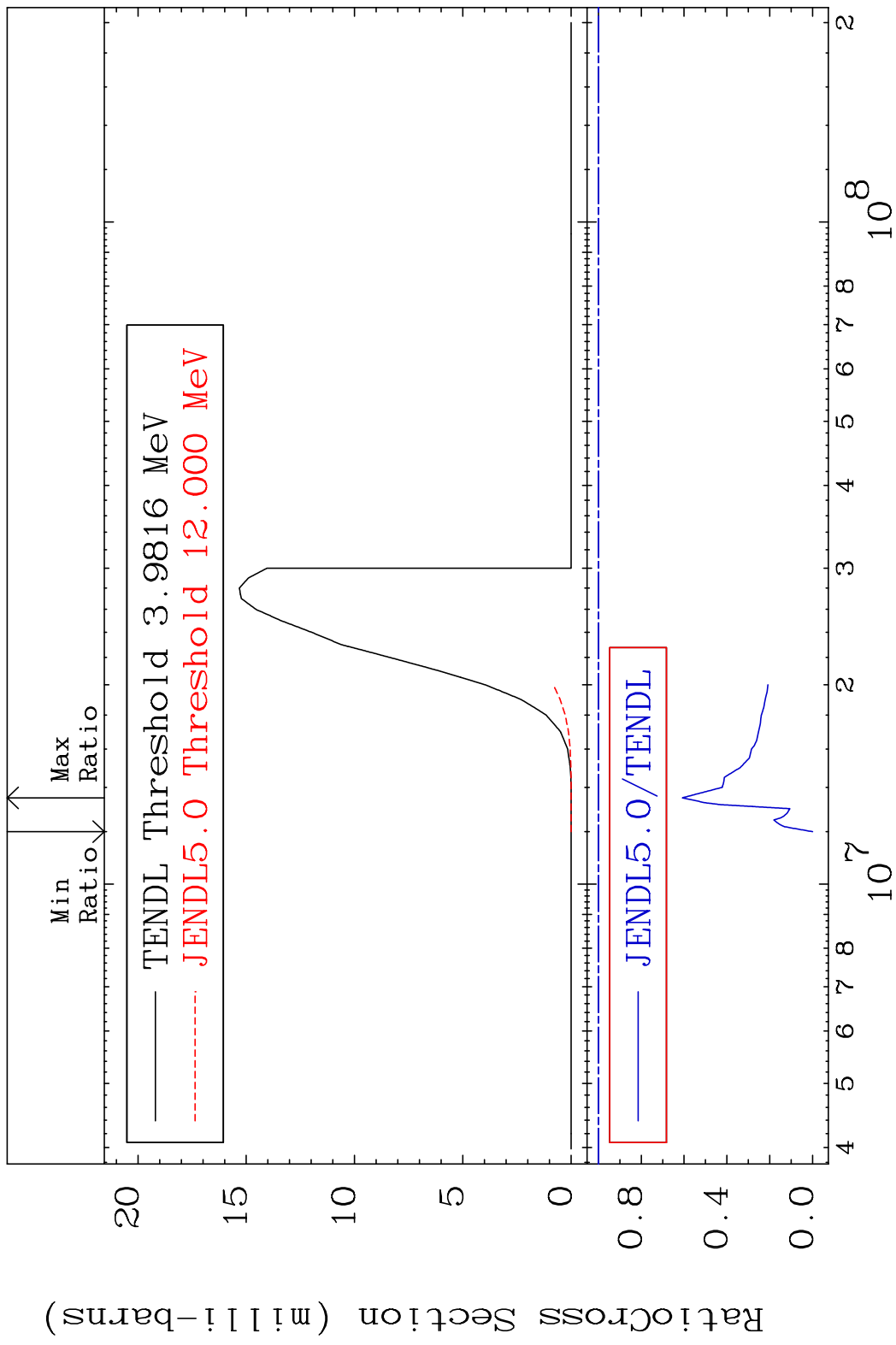


MAT 5131 (n,2n):51-Sb-122g 51-Sb-123
 Radionuclide Production Cross Section Ratio -10.31%

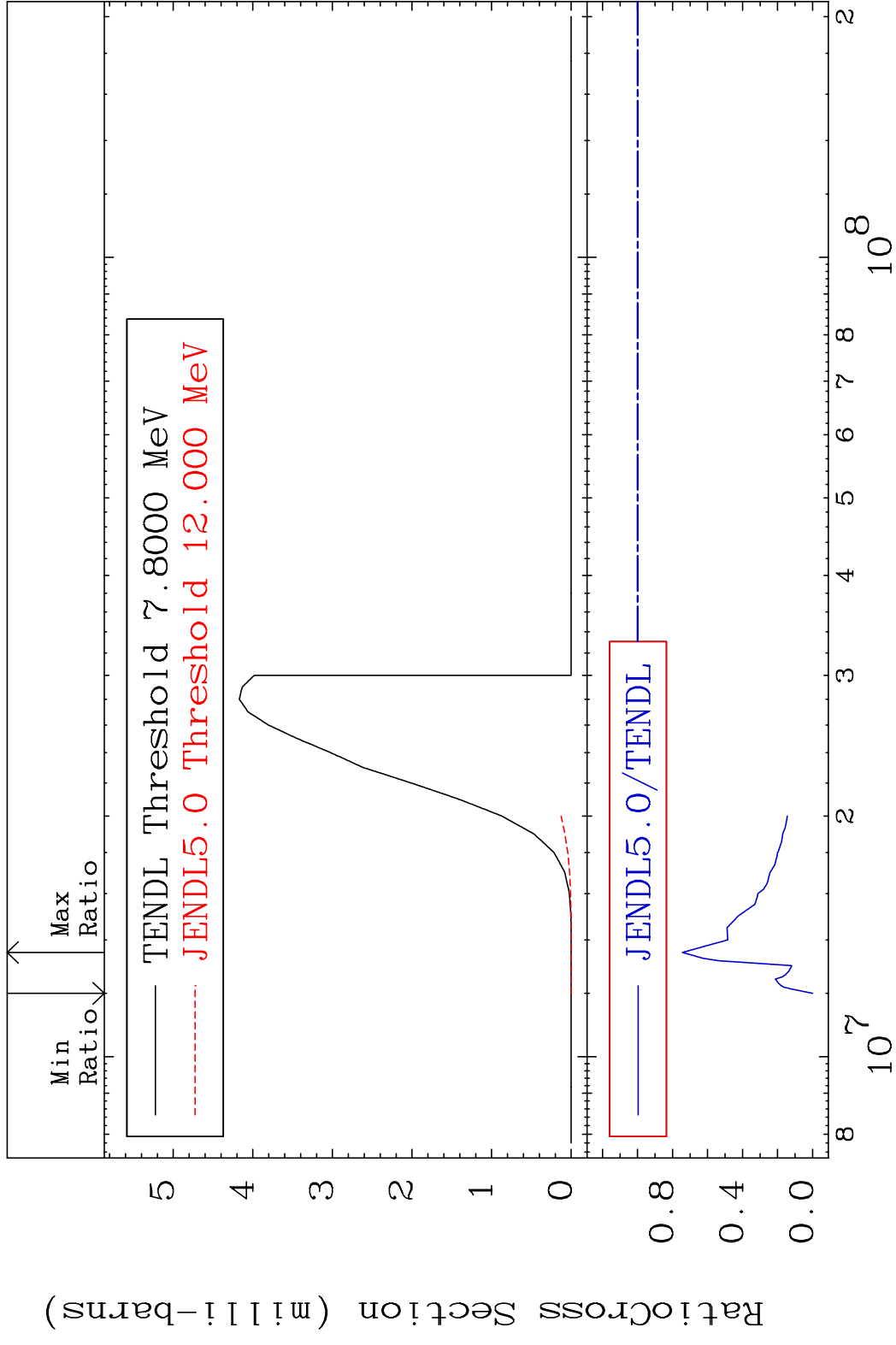


MAT 5131 (n,2n):51-Sb-122m5 51-Sb-123
 Radionuclide Production Cross Section 180.01 dth 28.46 %

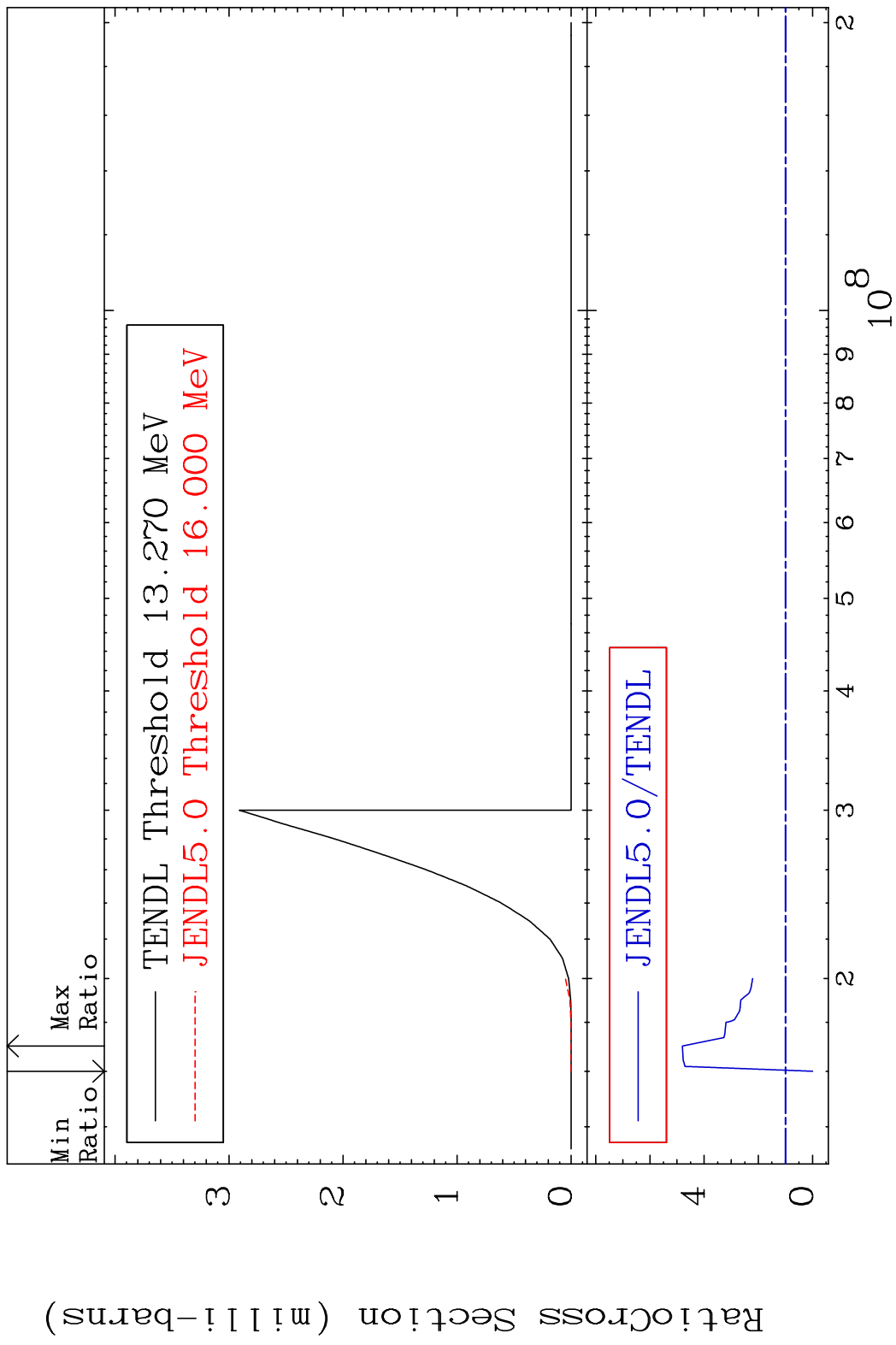


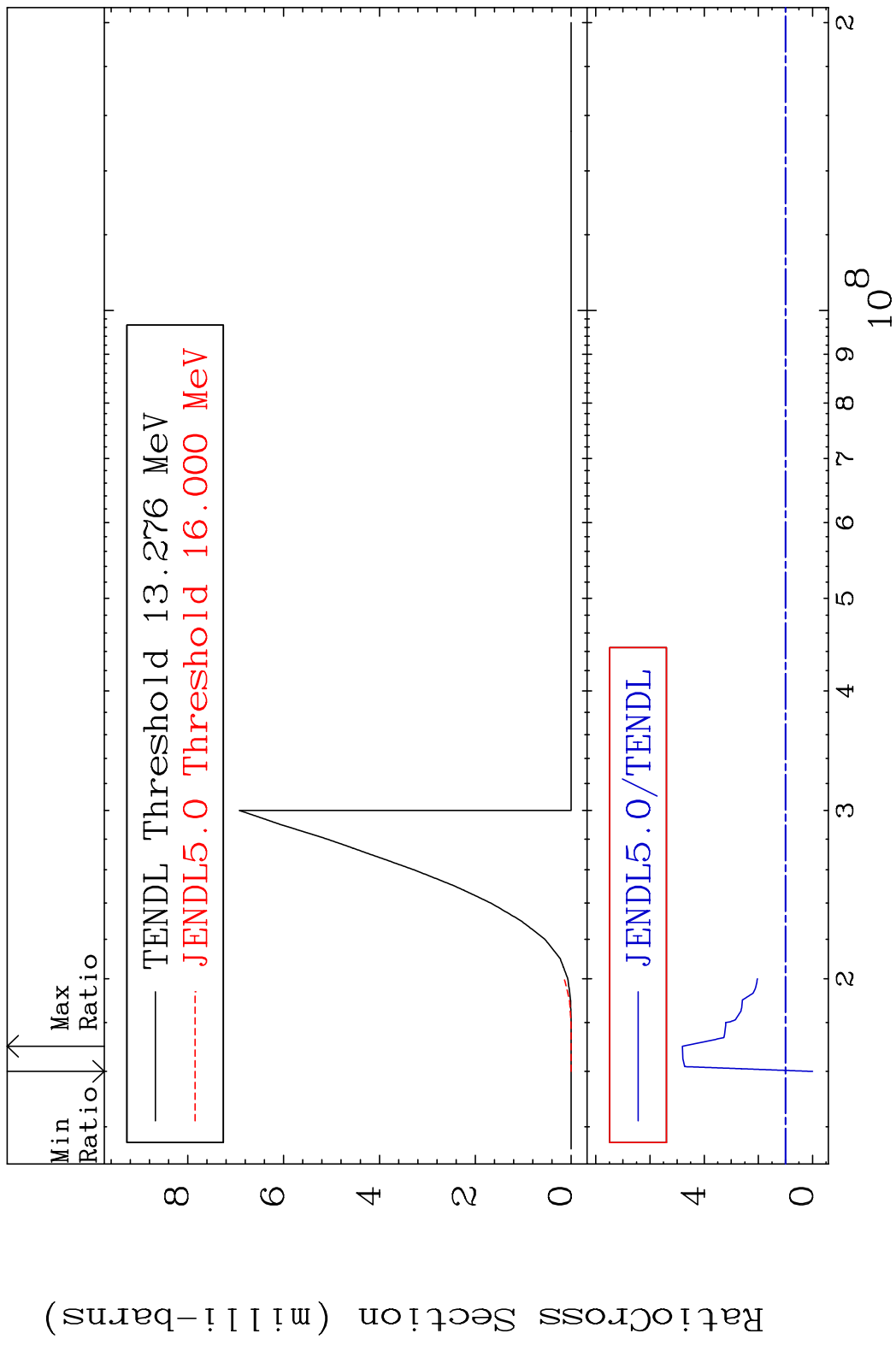


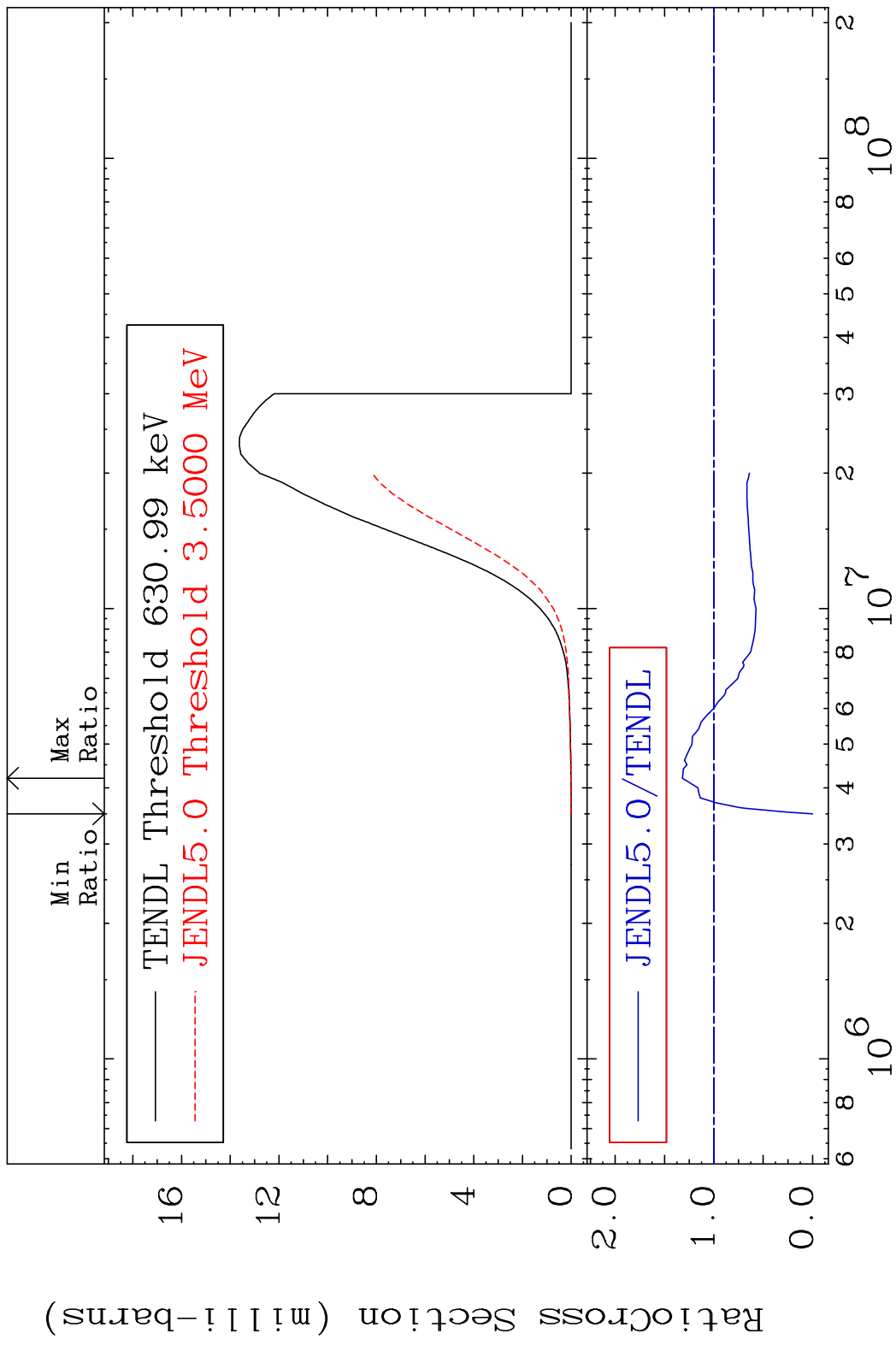
MAT 5131 (n, n') α :49-In-119m1 51-Sb-123
 Radionuclide Production Cross Section Ratio -25.60%



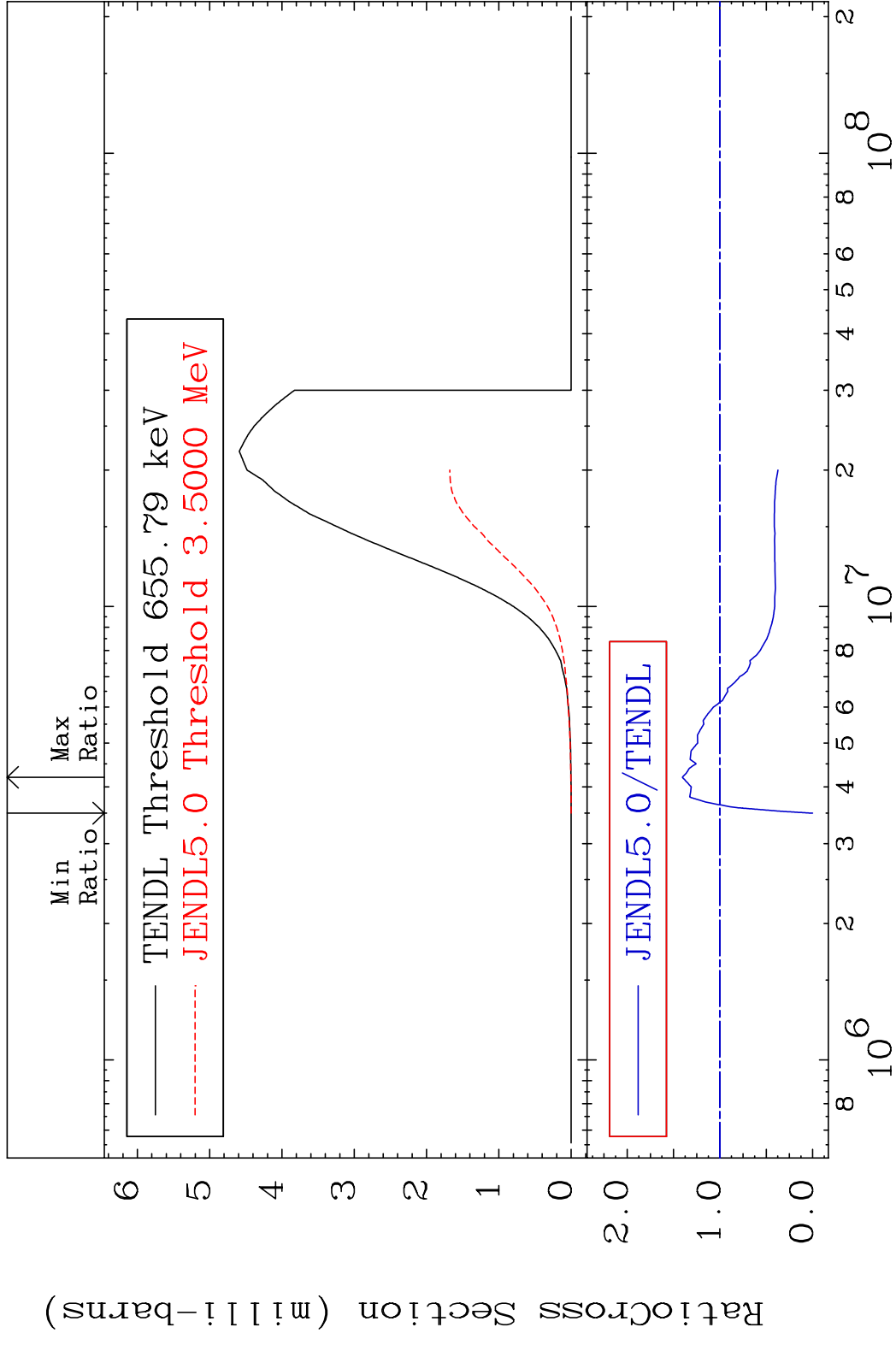
MAT 5131 (n, n') d:50-Sn-121g 51-Sb-123
 Radionuclide Production Cross Section 180.0 d to 380.3 %

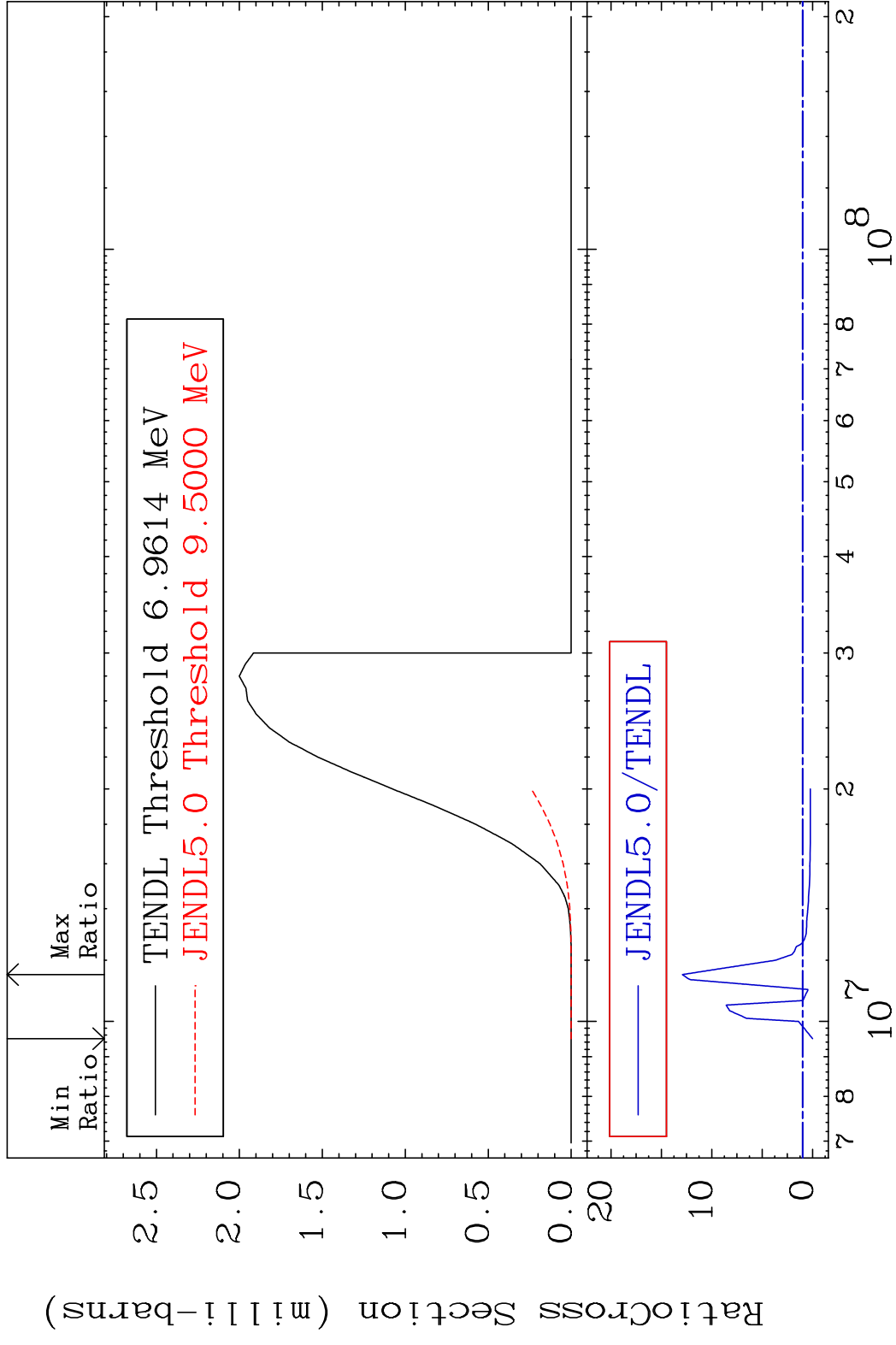




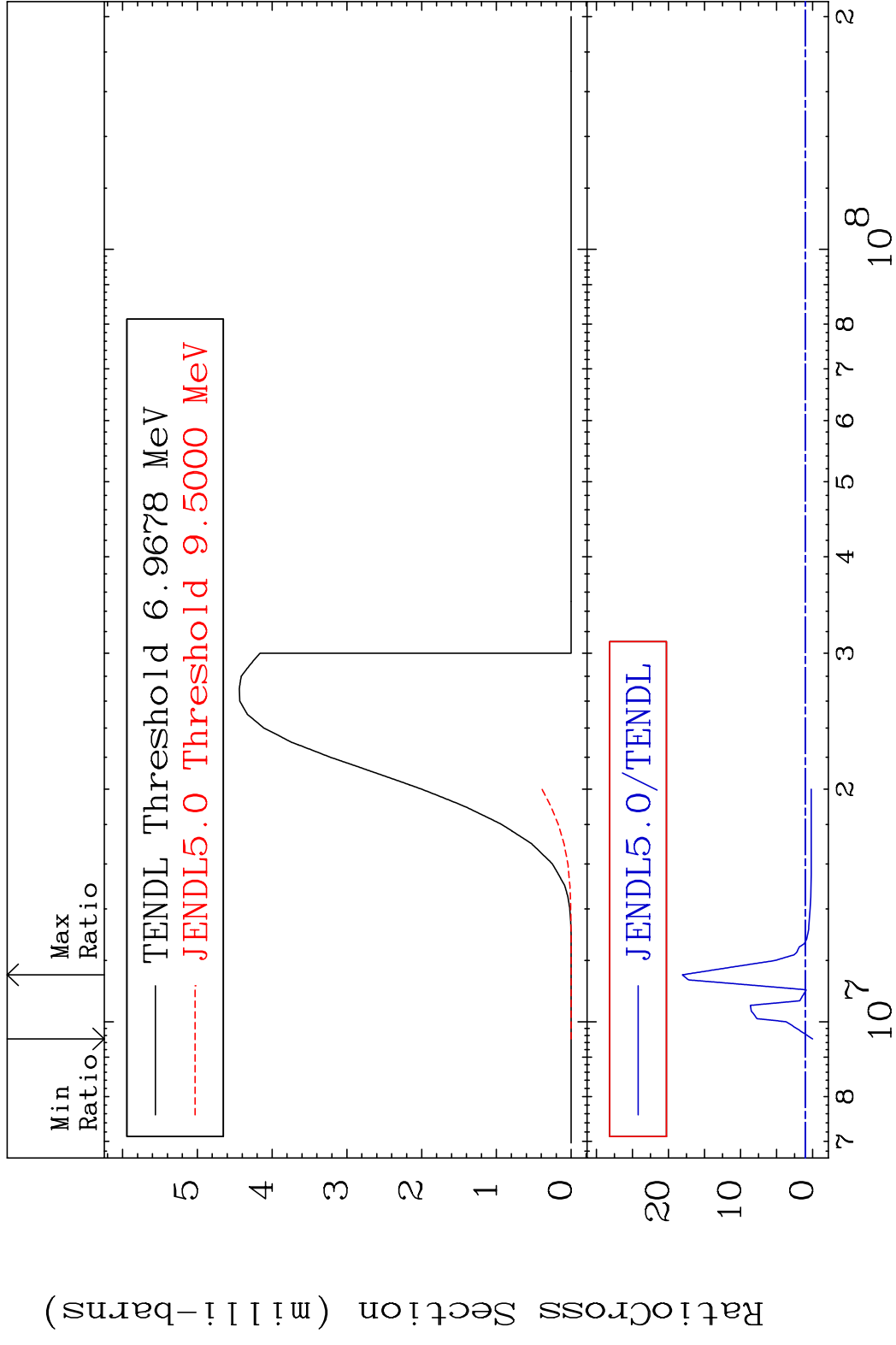


MAT 5131 (n, p):50-Sn-123m1 51-Sb-123
 Radionuclide Production Cross Section Ratio 40.49 %

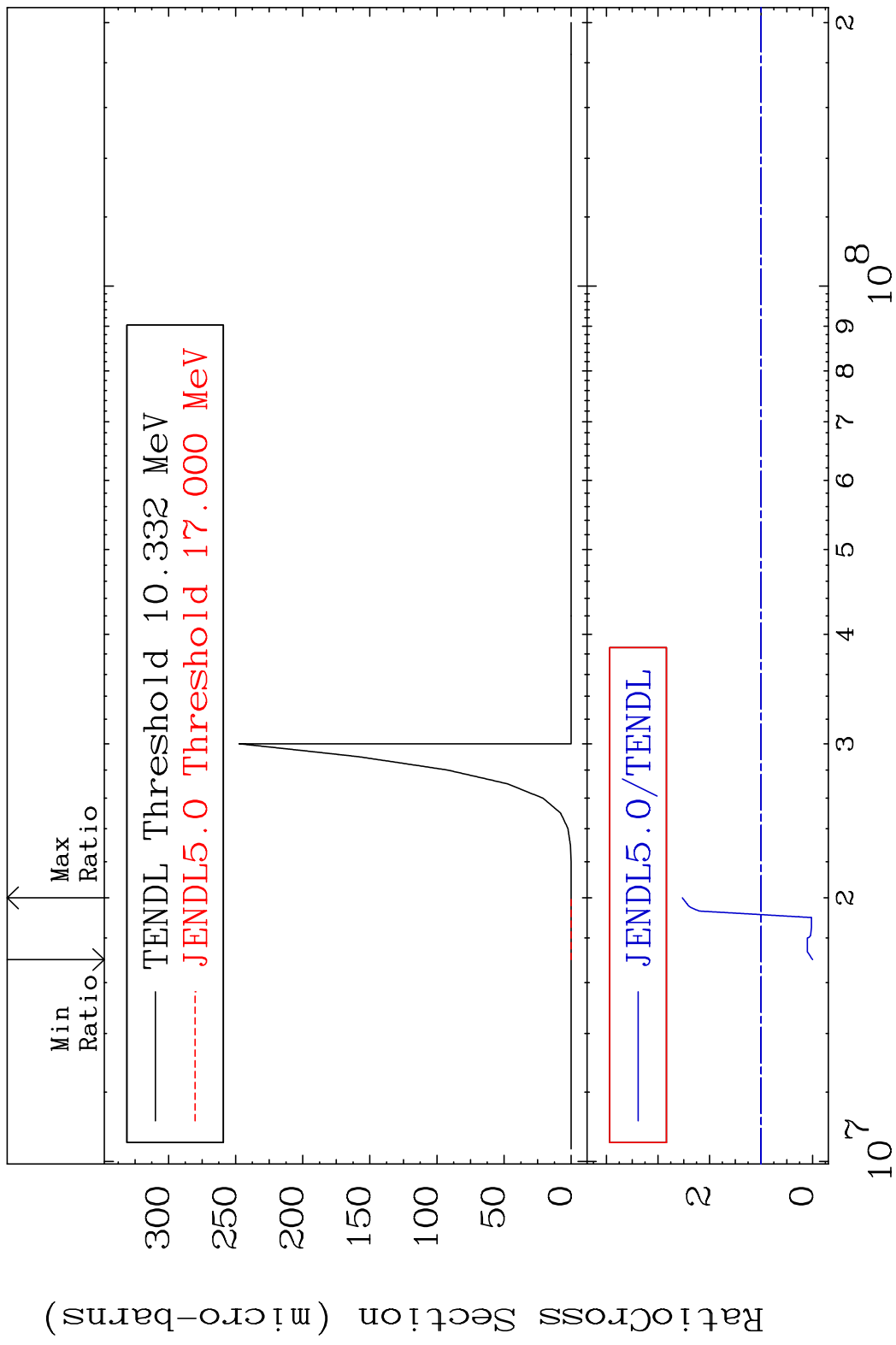


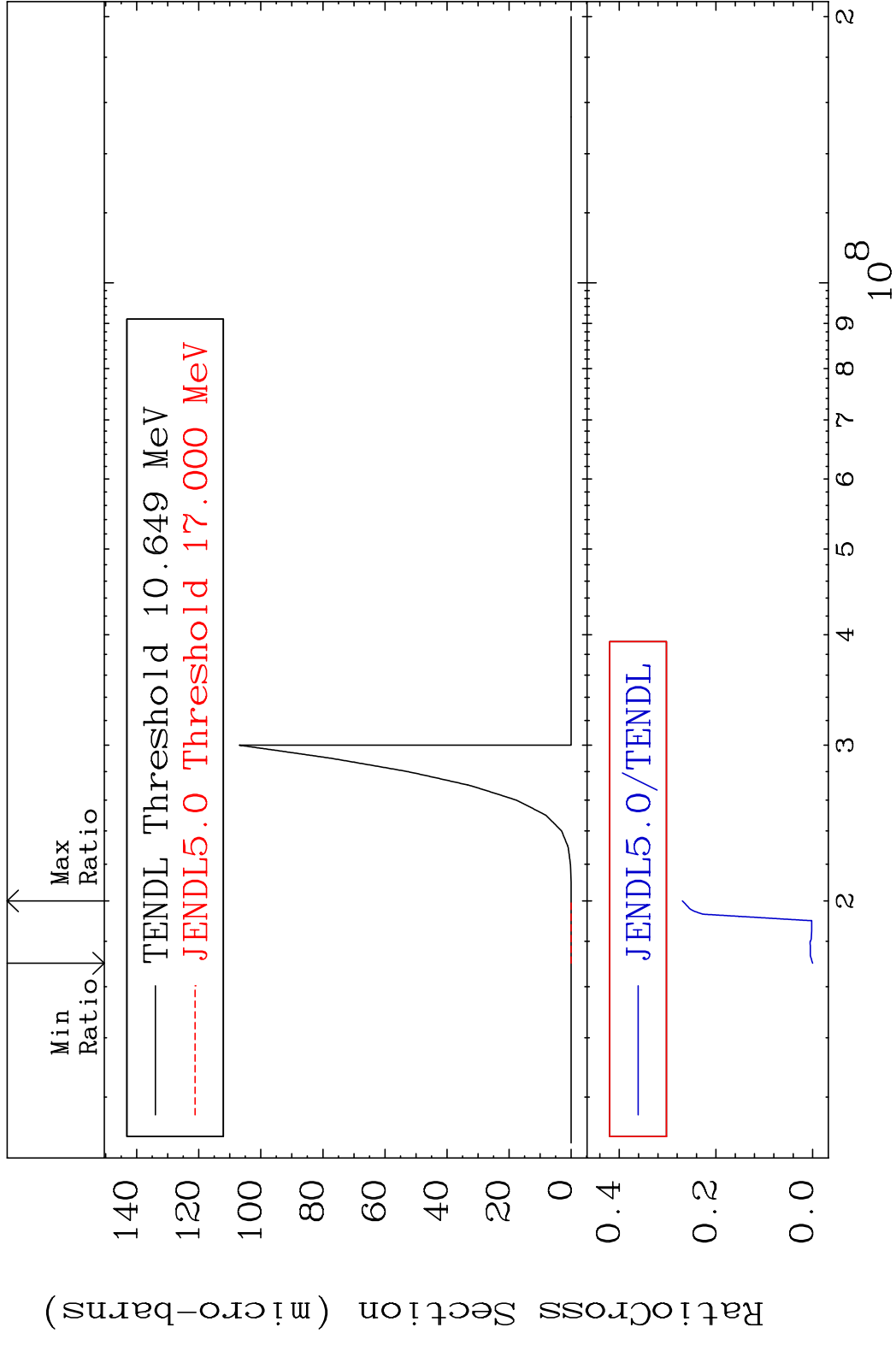


MAT 5131 (n, t):50-Sn-121m1 51-Sb-123
 Radionuclide Production Cross Section 180.01 dth 1707. %



MAT 5131 (n, He-3):49-In-121g 51-Sb-123
 Radionuclide Production Cross Section 152.6 %



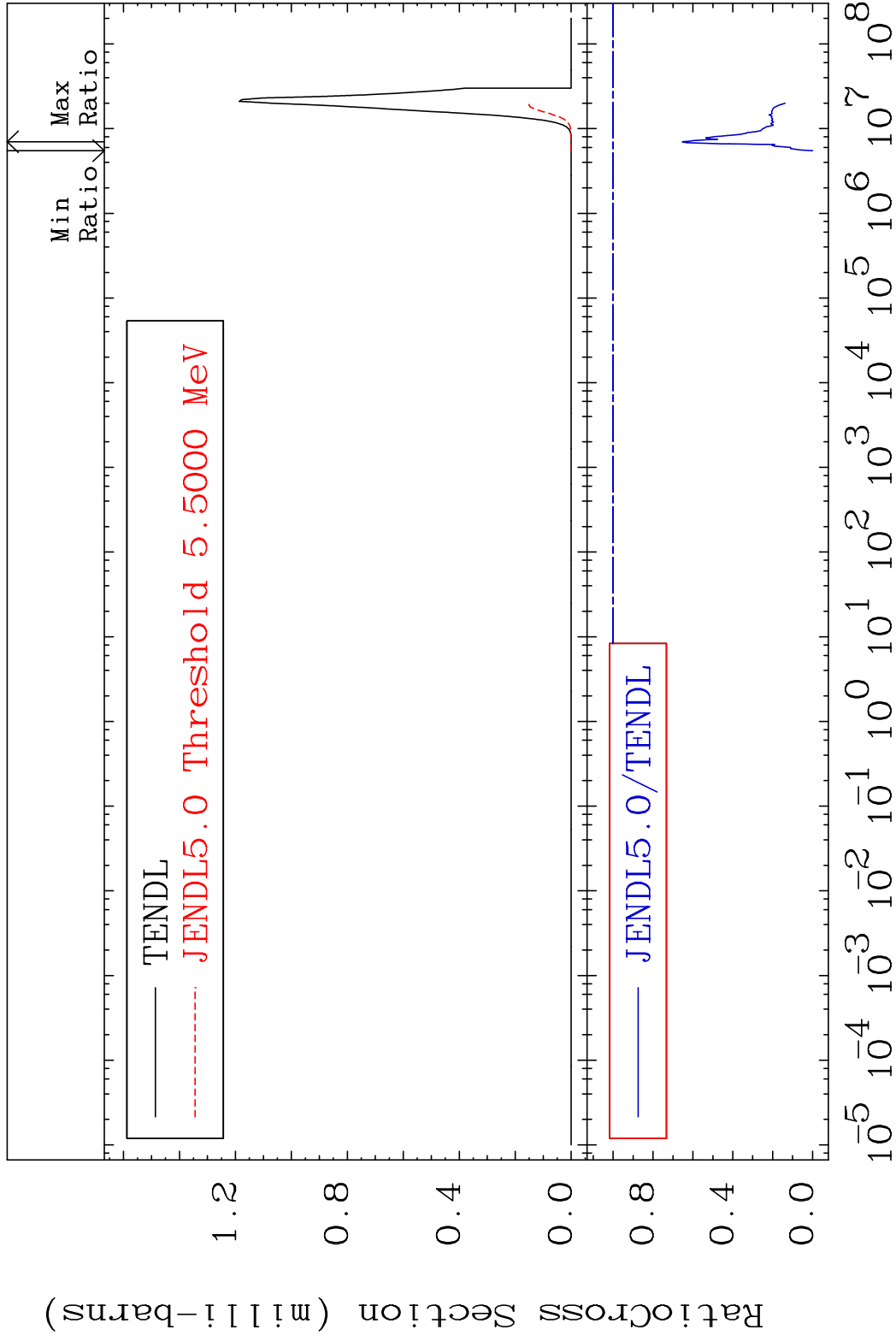


MAT 5131

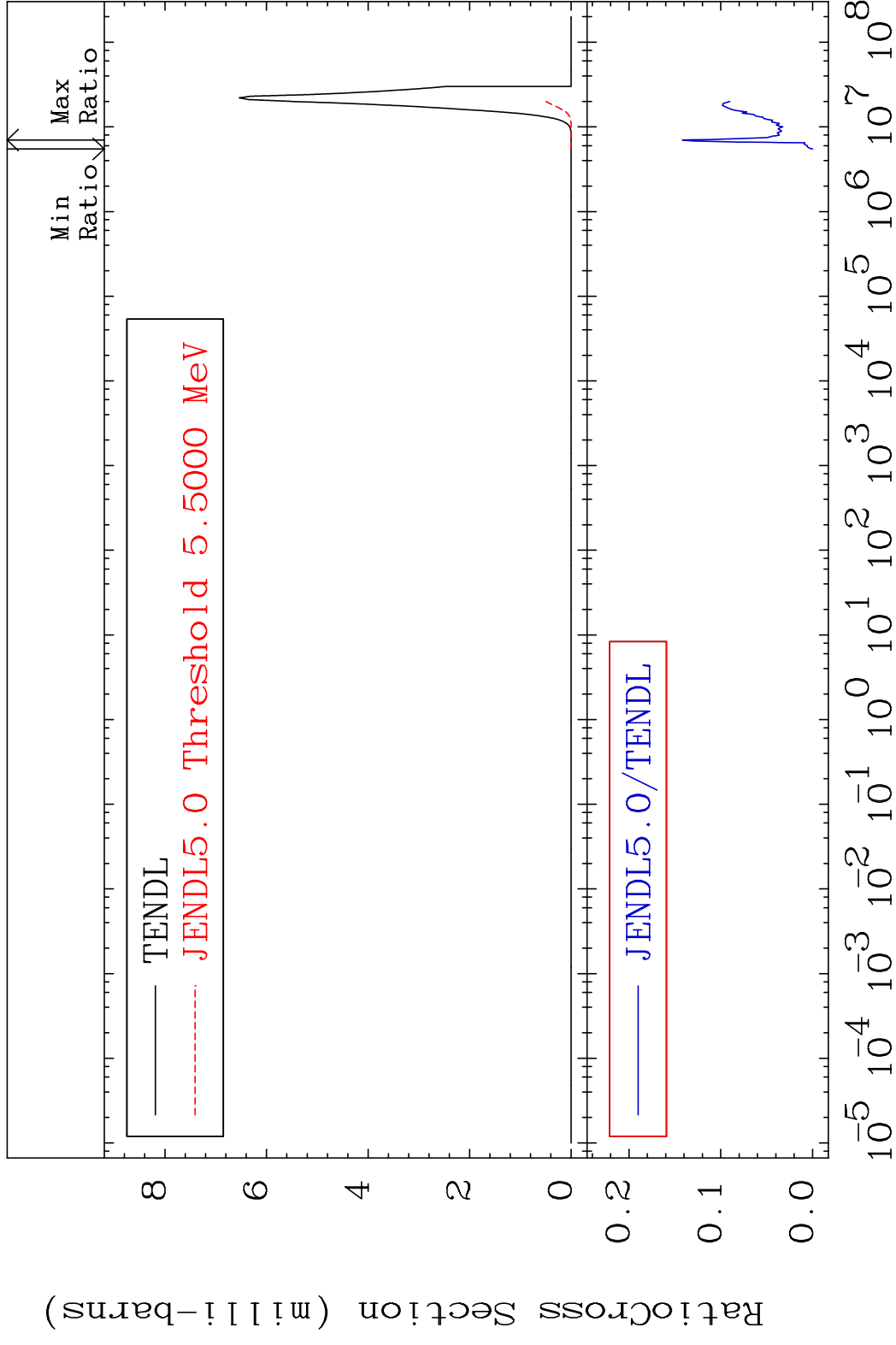
(n, α): 49-In-120g

51-Sb-123

Radionuclide Production Cross Section Ratio -34.71%



MAT 5131 (n, α): 49-In-120m1 51-Sb-123
 Radionuclide Production Cross Section Ratio -85.81%

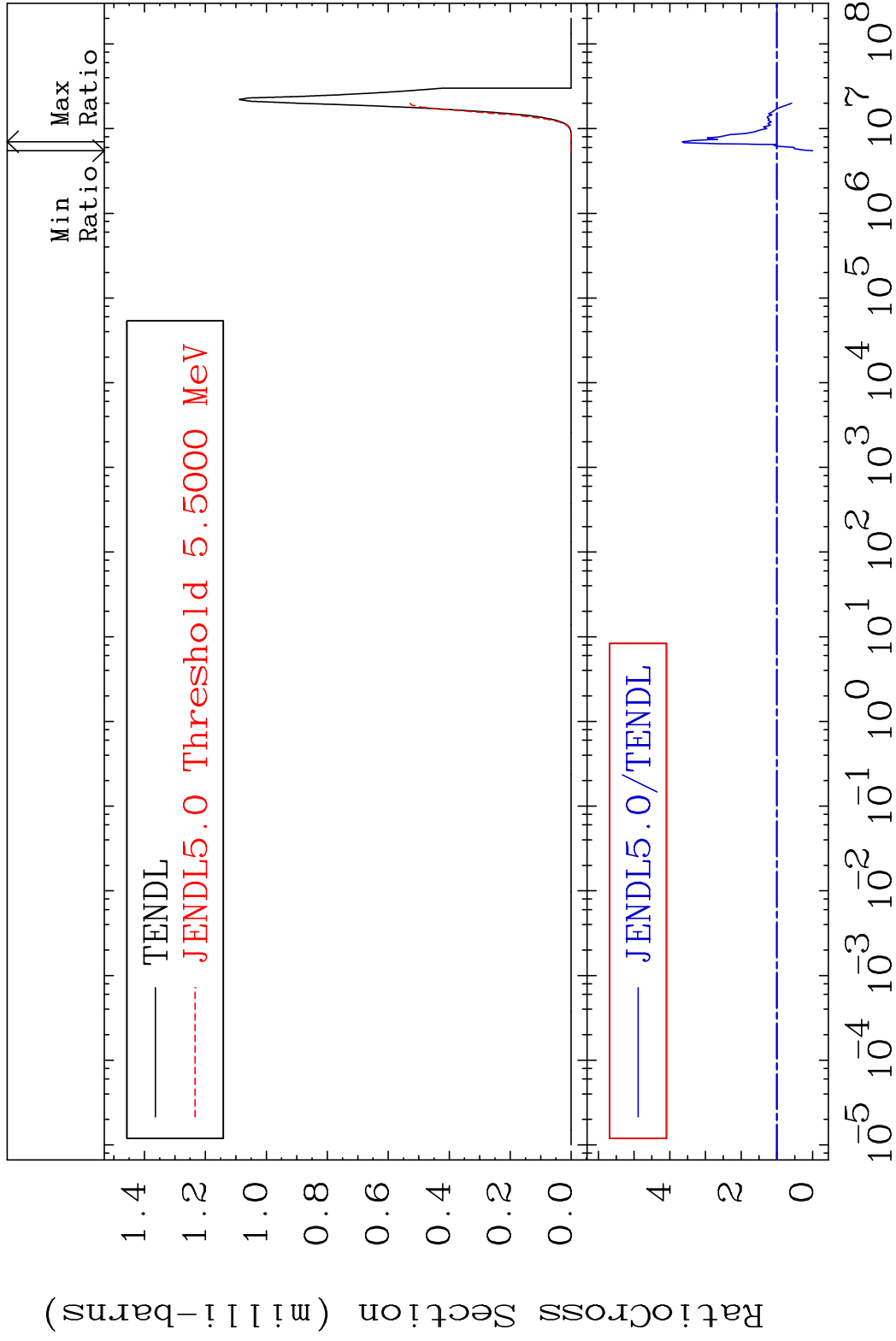


MAT 5131

(n, α): 49-In-120m2

51-Sb-123

Radionuclide Production Cross Section 180.0 mb to 264.7 %



64

Incident Energy (eV)

51-Sb-123