

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

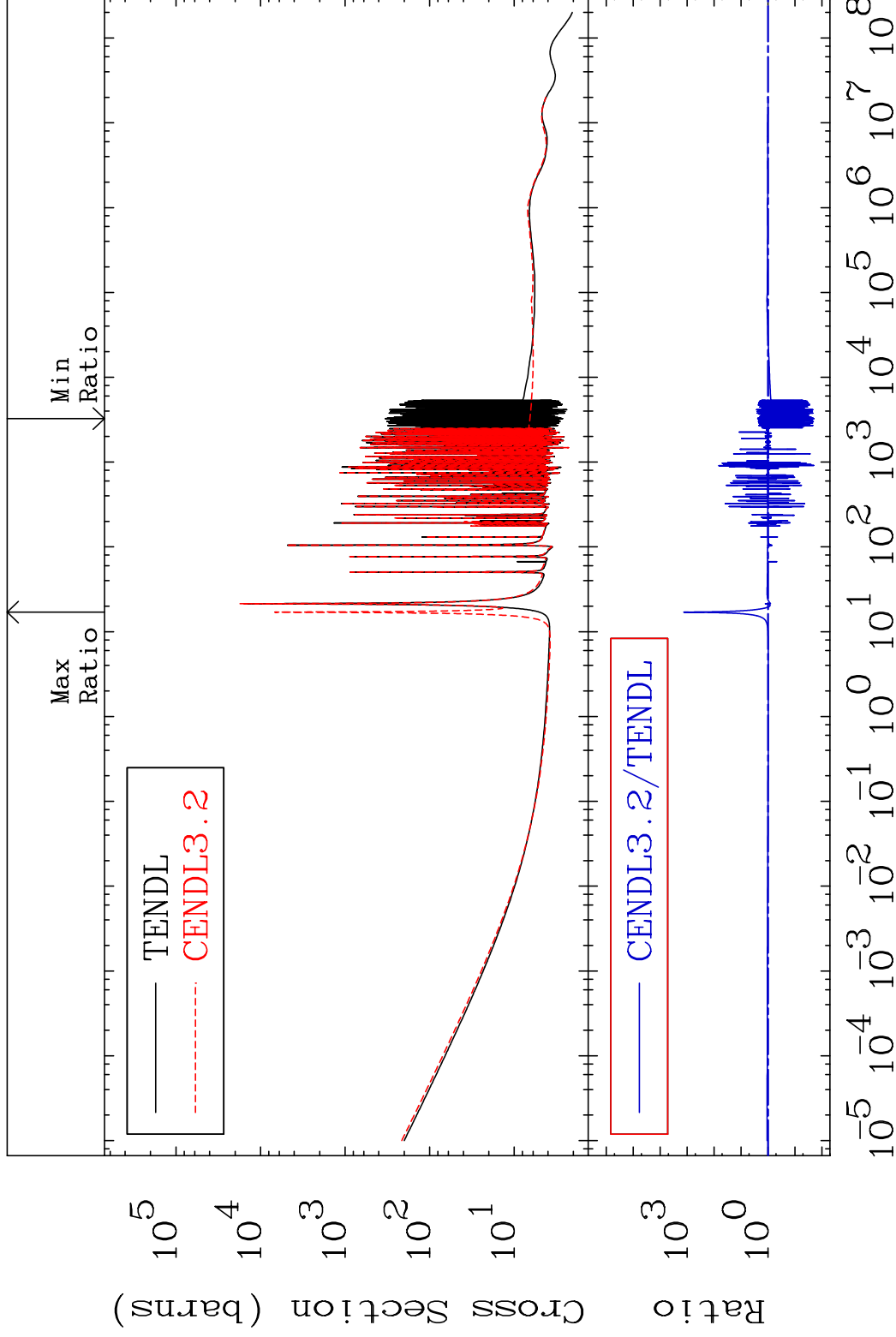
MAT 5131

Total

51-Sb-123

Cross Section

-98.06 To 9999. %



1

Incident Energy (eV)

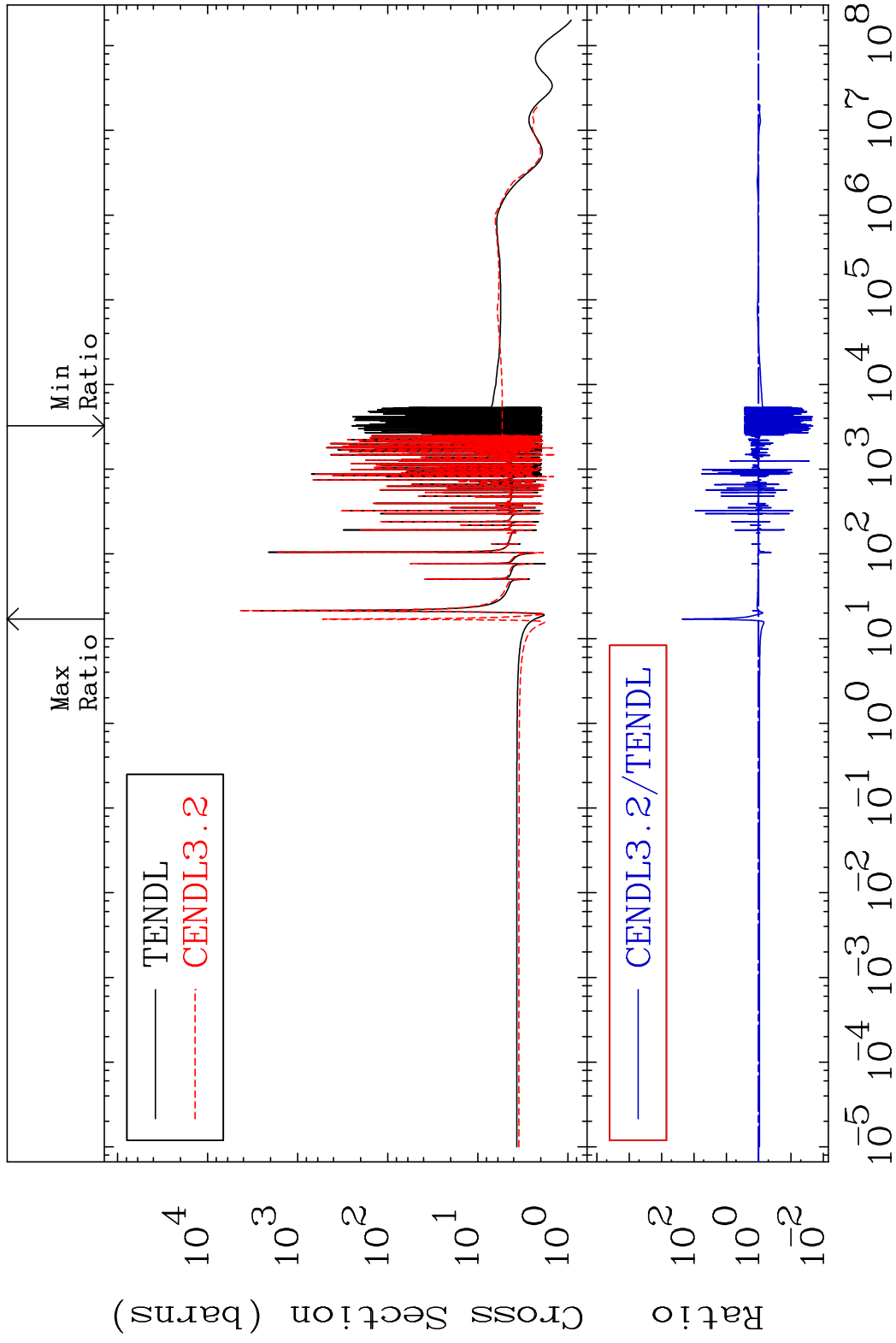
51-Sb-123

MAT 5131

Elastic

51-Sb-123

Cross Section -97.84 To 9999. %



2

Incident Energy (eV)

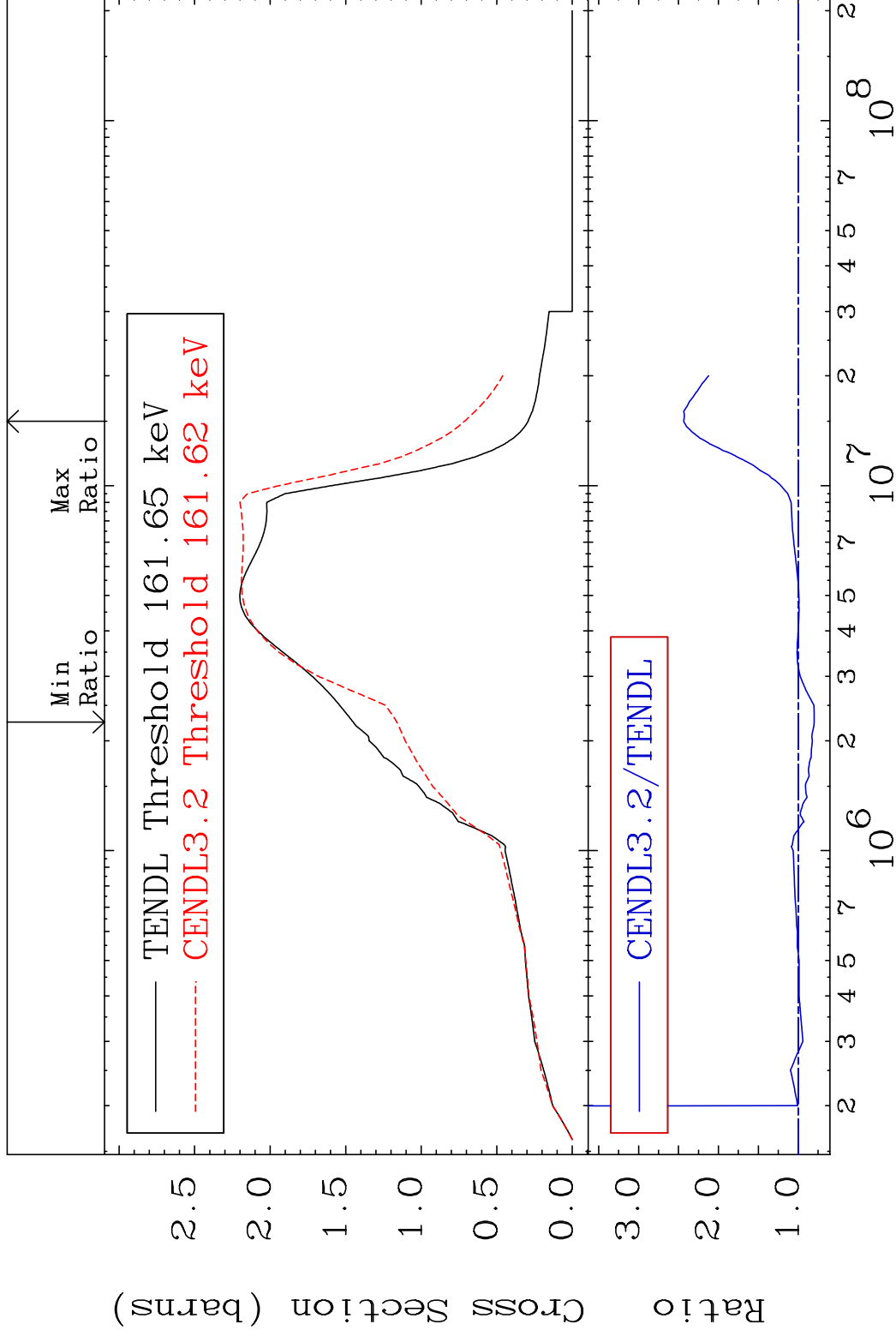
51-Sb-123

MAT 5131

Inelastic

51-Sb-123

Cross Section -19.94 To 143.6 %



3

Incident Energy (eV)

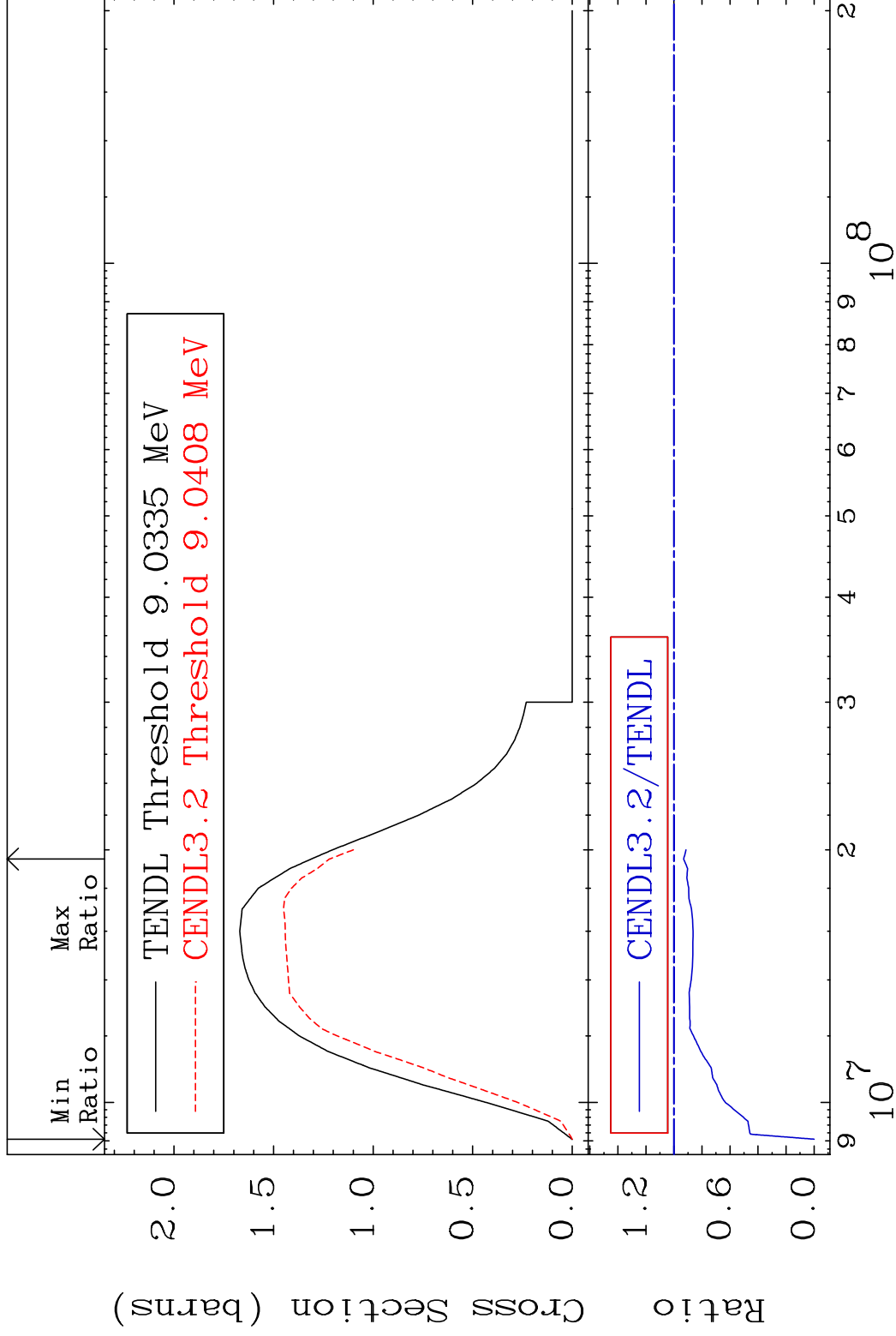
51-Sb-123

MAT 5131

(n,2n)

51-Sb-123

Cross Section -100.0 To -6.915%



4

Incident Energy (eV)

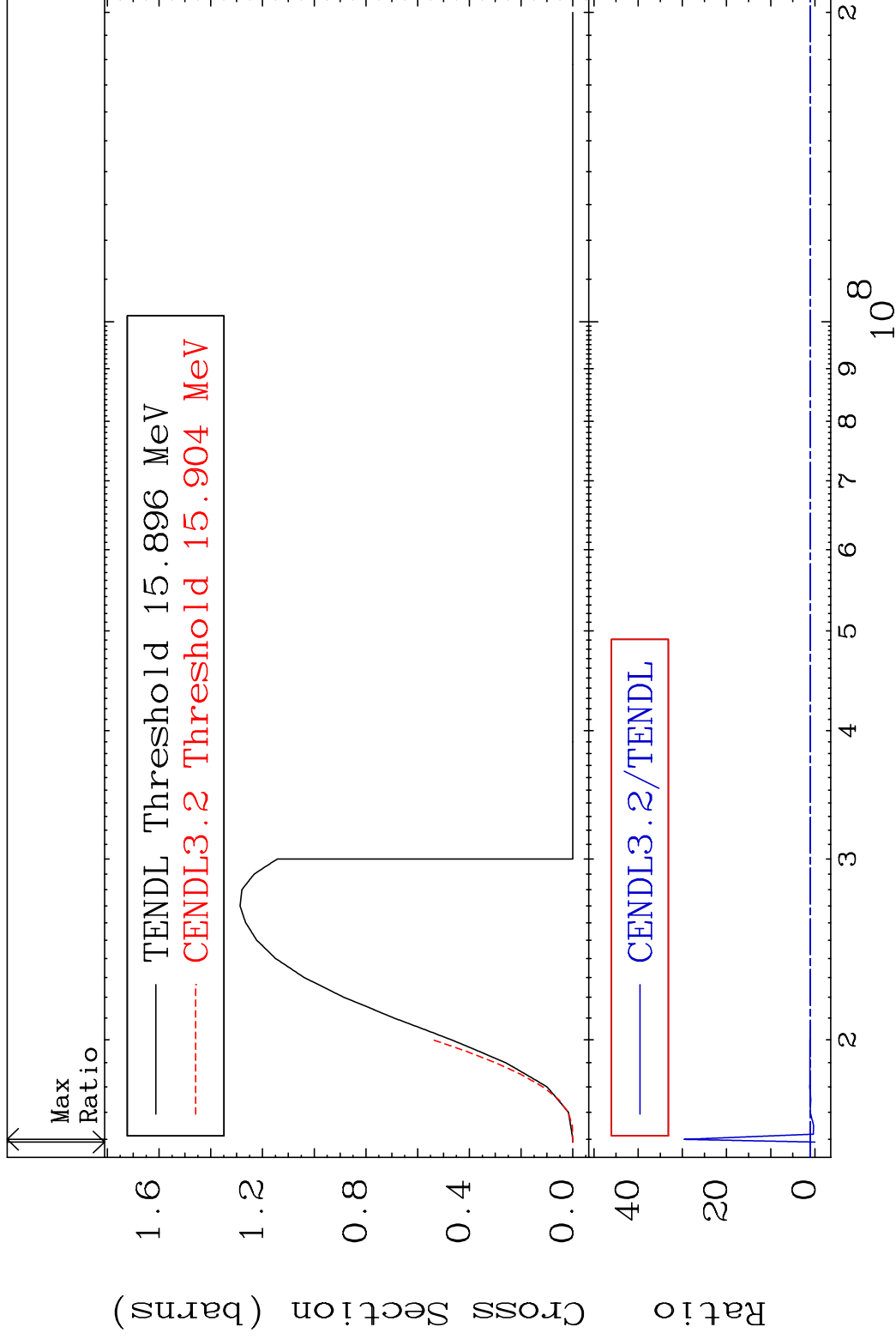
51-Sb-123

MAT 5131

(n,3n)

51-Sb-123

Cross Section -100.0 To 2855. %



5

Incident Energy (eV)

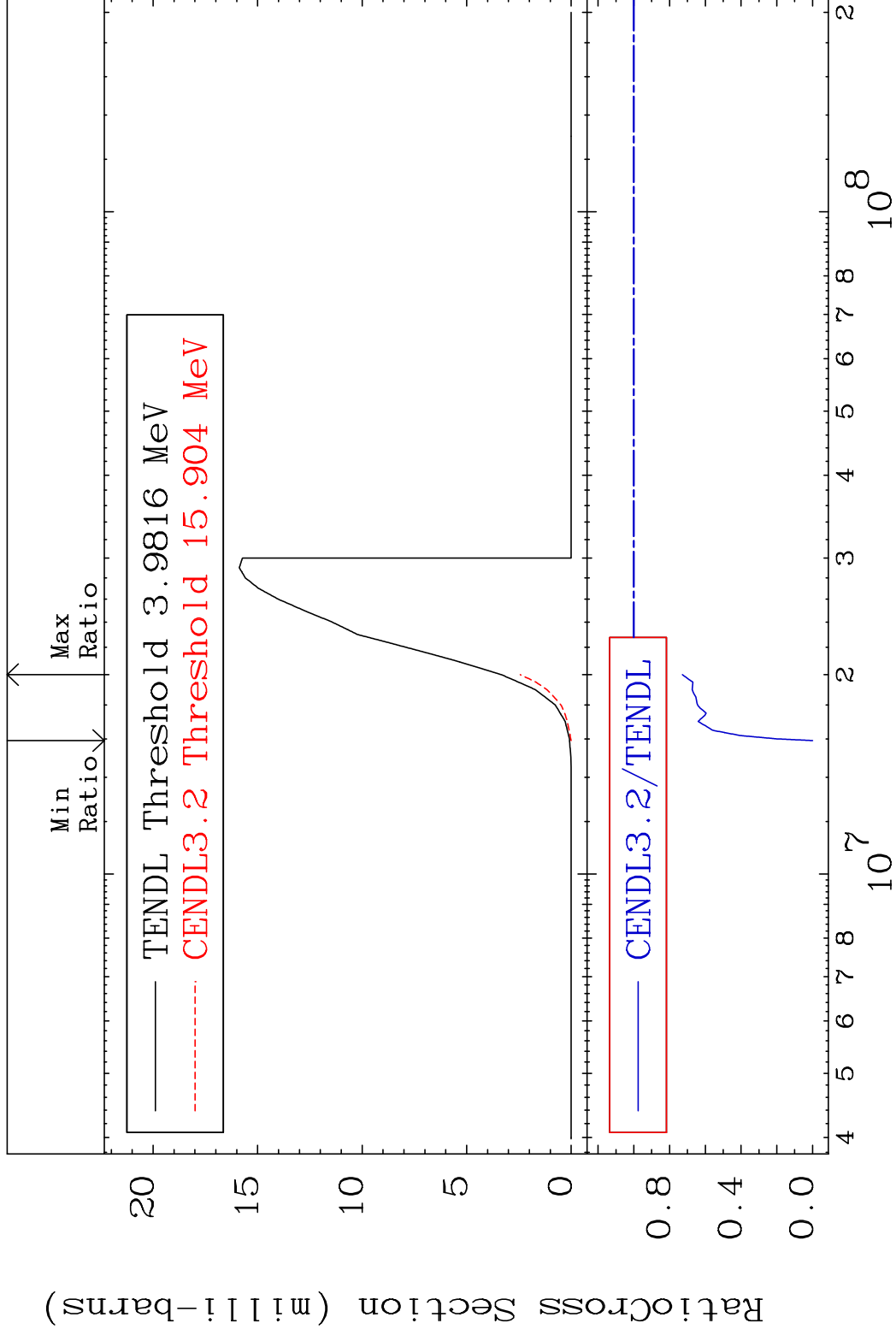
51-Sb-123

MAT 5131

(n, n') α

51-Sb-123

Cross Section -100.0 To -27.15%



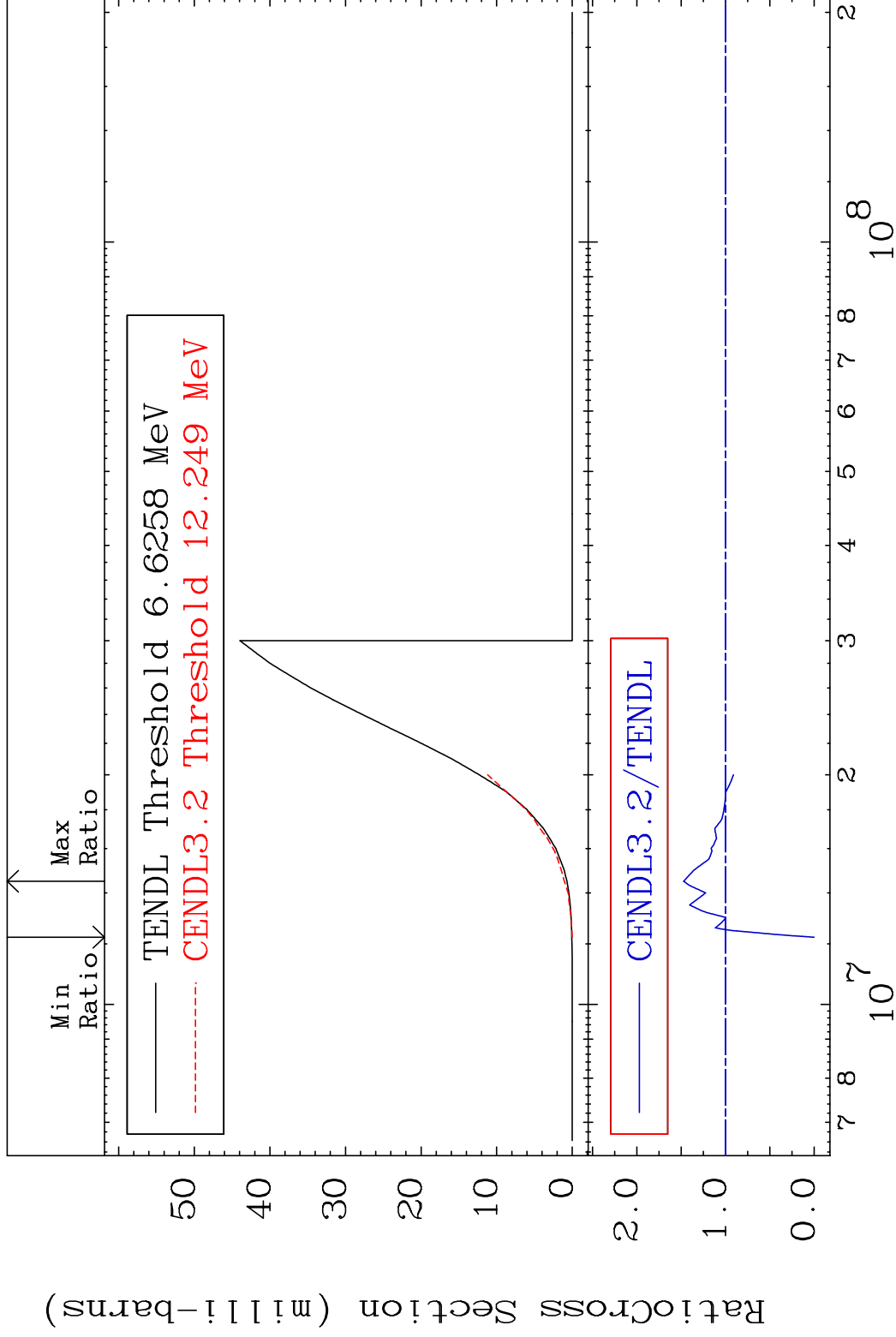
6

Incident Energy (eV)

51-Sb-123

MAT 5131

(n, n') p 51-Sb-123
Cross Section -100.0 To 47.24 %

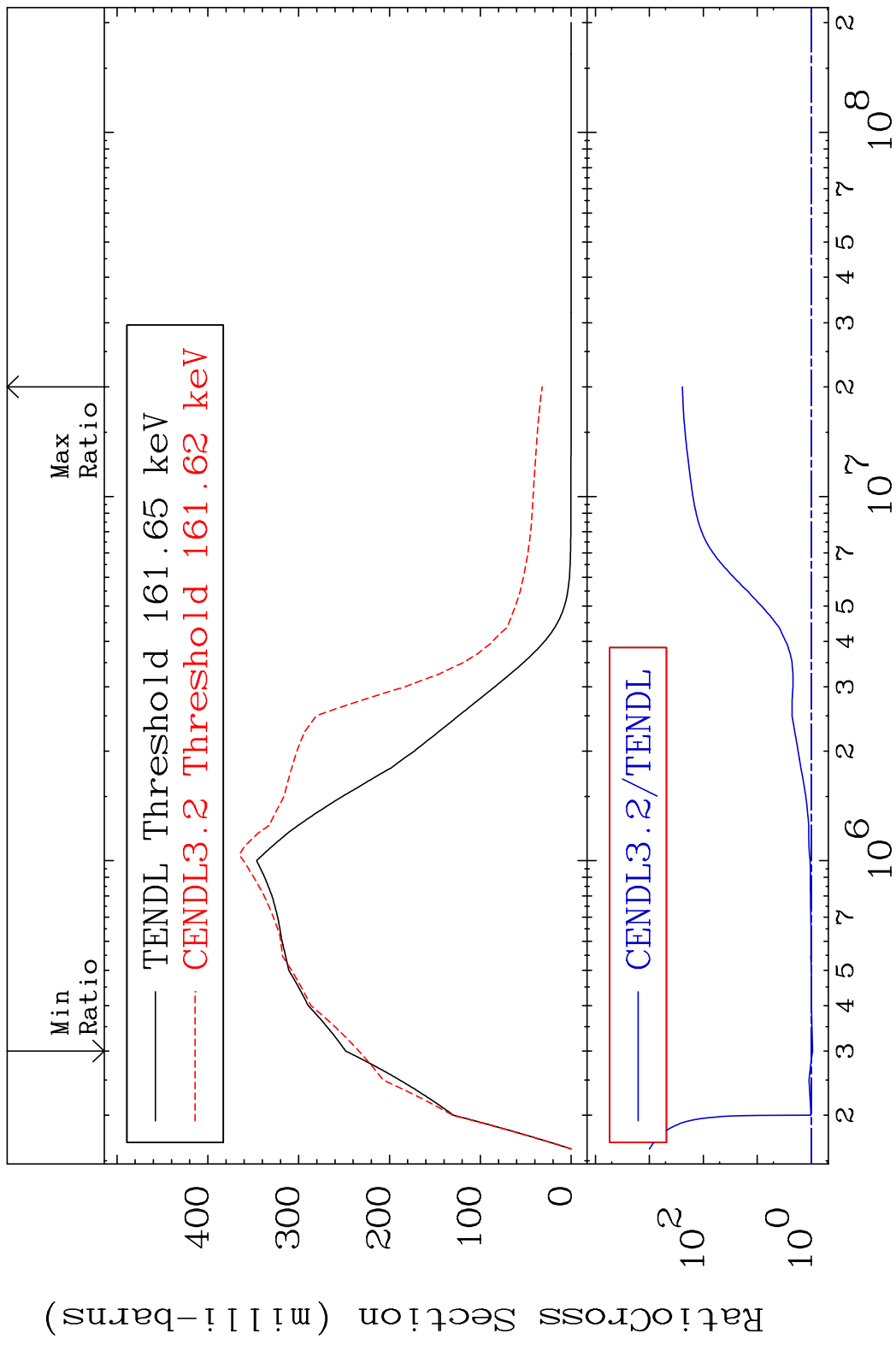


7

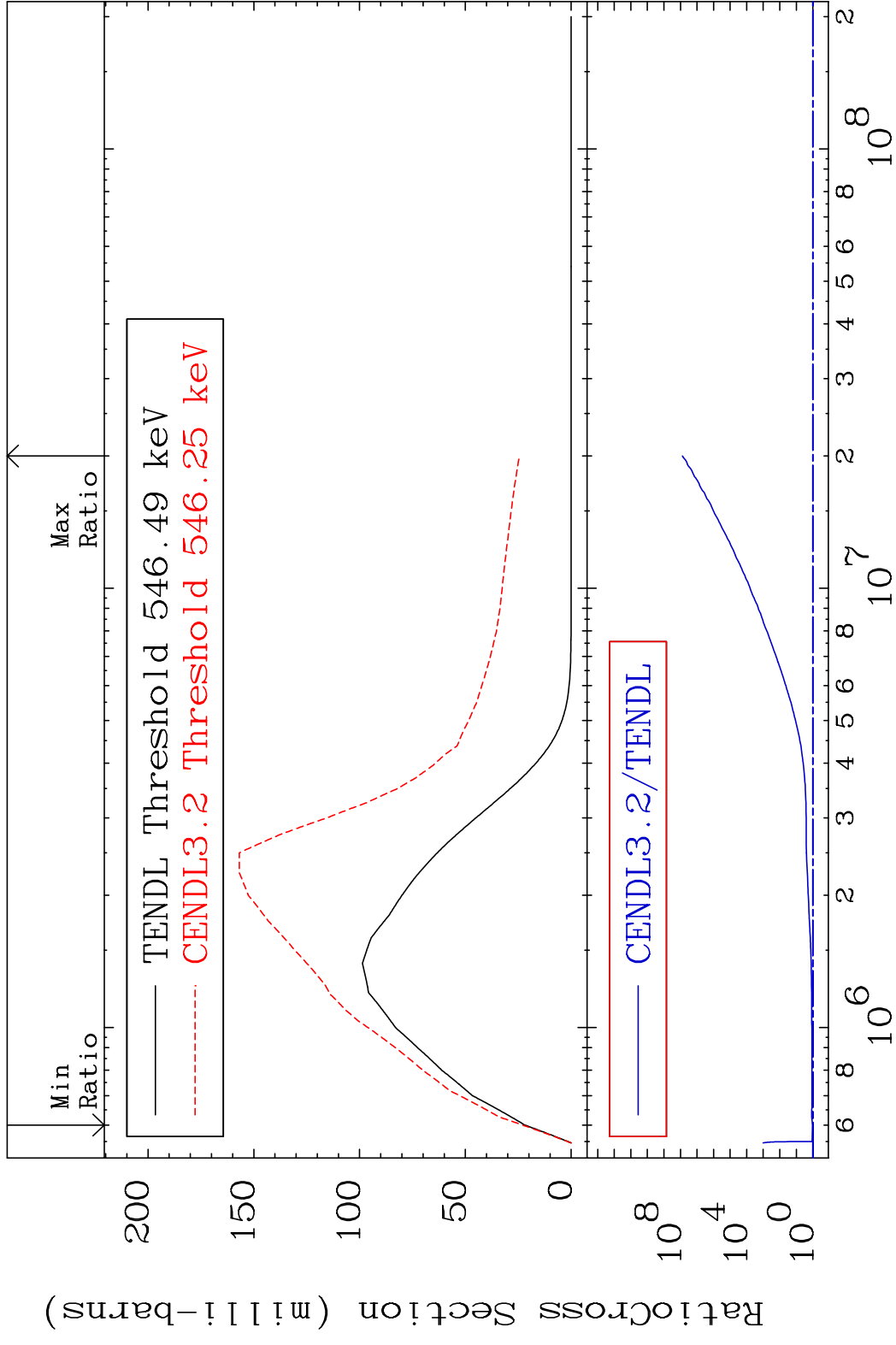
Incident Energy (eV)

51-Sb-123

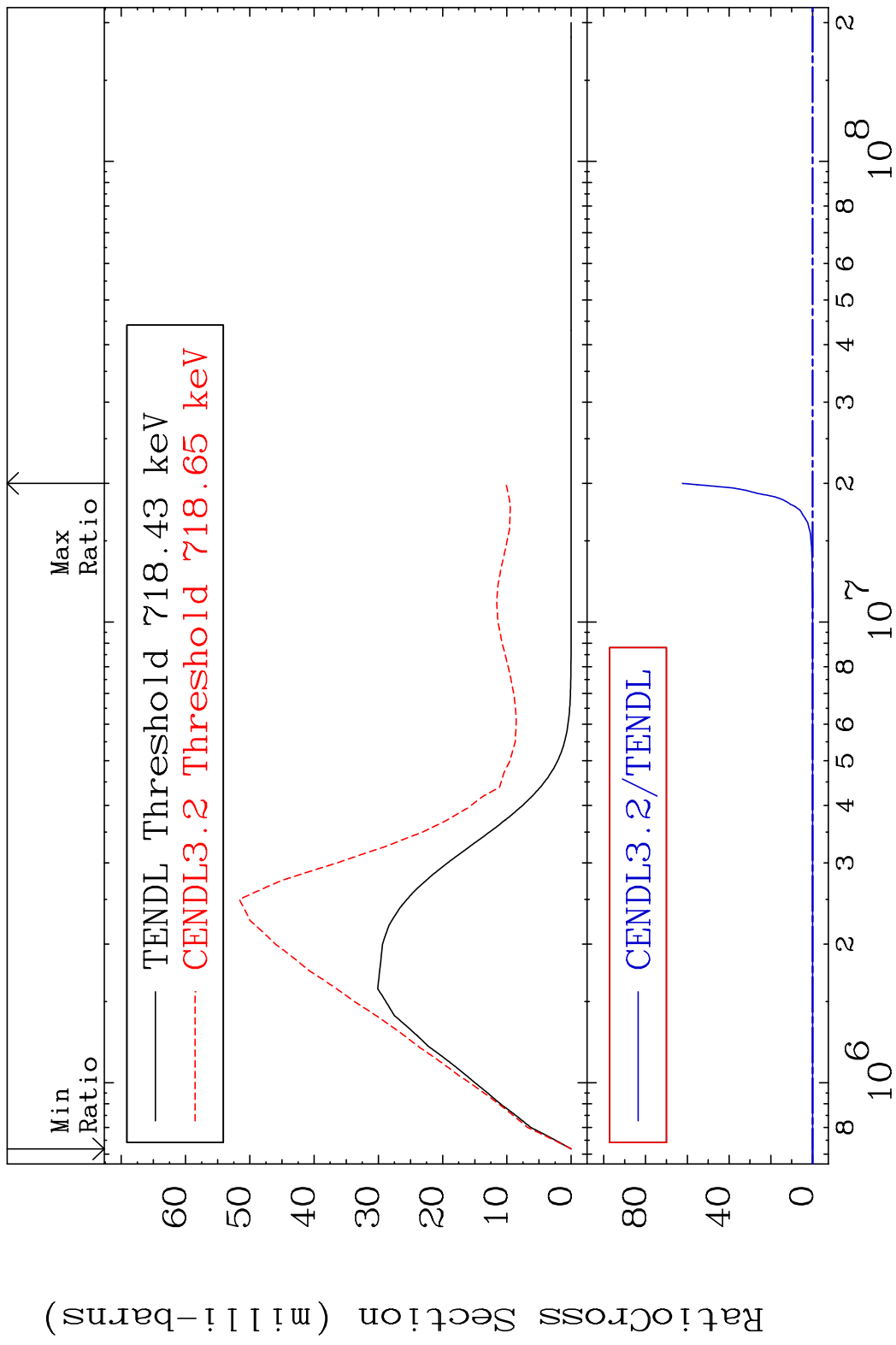
MAT 5131 MT= 51 (n,n') Level 51-Sb-123
 Cross Section -5.876 To 9999. %



MAT 5131 MT= 52 (n, n') Level 51-Sb-123
 Cross Section 4.782 To 9999. %

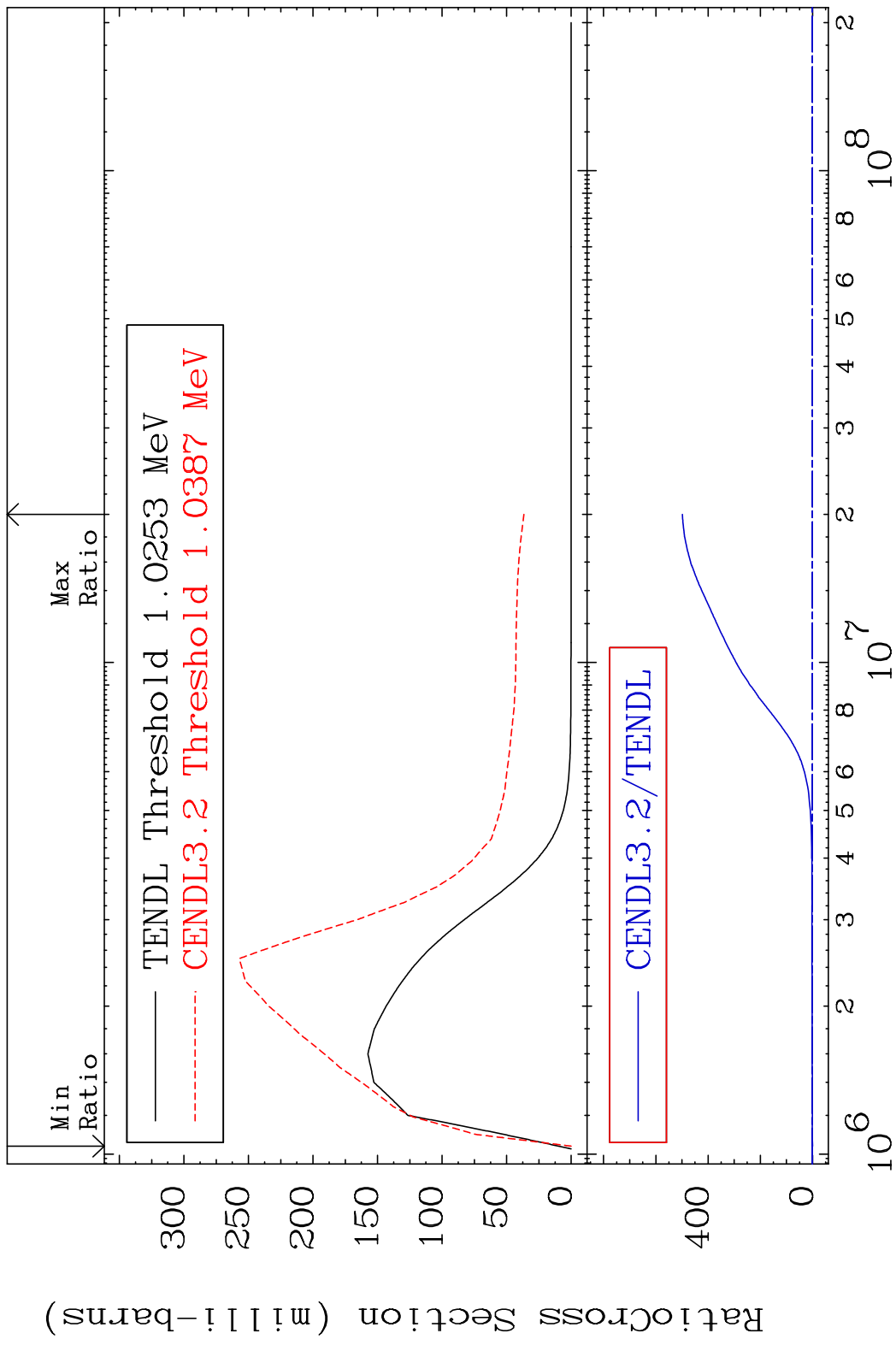


MAT 5131 MT= 53 (n, n') Level 51-Sb-123
 Cross Section -100.0 To 9999. %



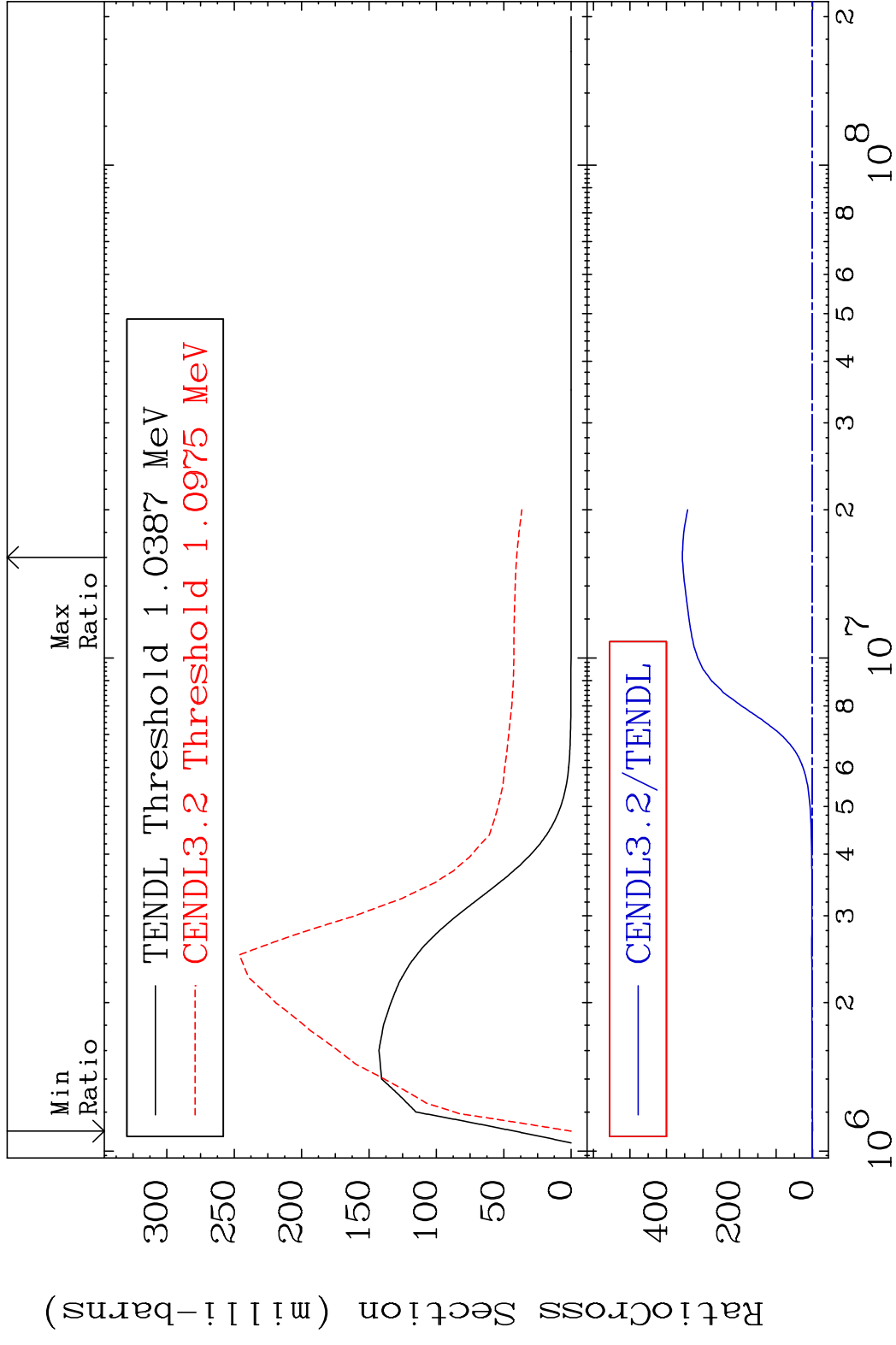
10 Incident Energy (eV) 51-Sb-123

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



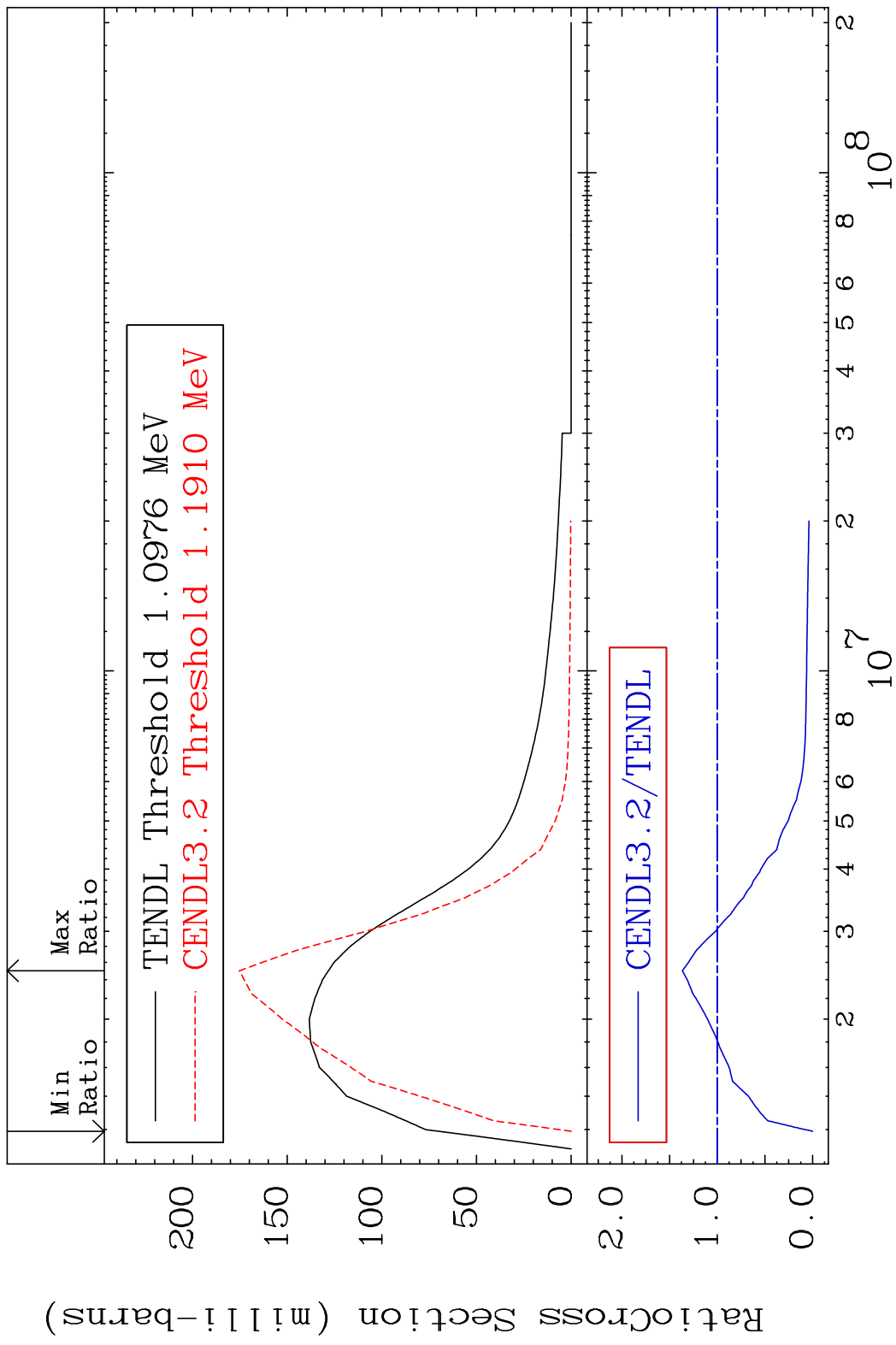
11 Incident Energy (eV) 51-Sb-123

MAT 5131 MT= 55 (n, n') Level 51-Sb-123
 Cross Section -100.0 To 9999. %



12 Incident Energy (eV) 51-Sb-123

MAT 5131 MT= 56 (n,n') Level 51-Sb-123
 Cross Section -100.0 To 36.67 %

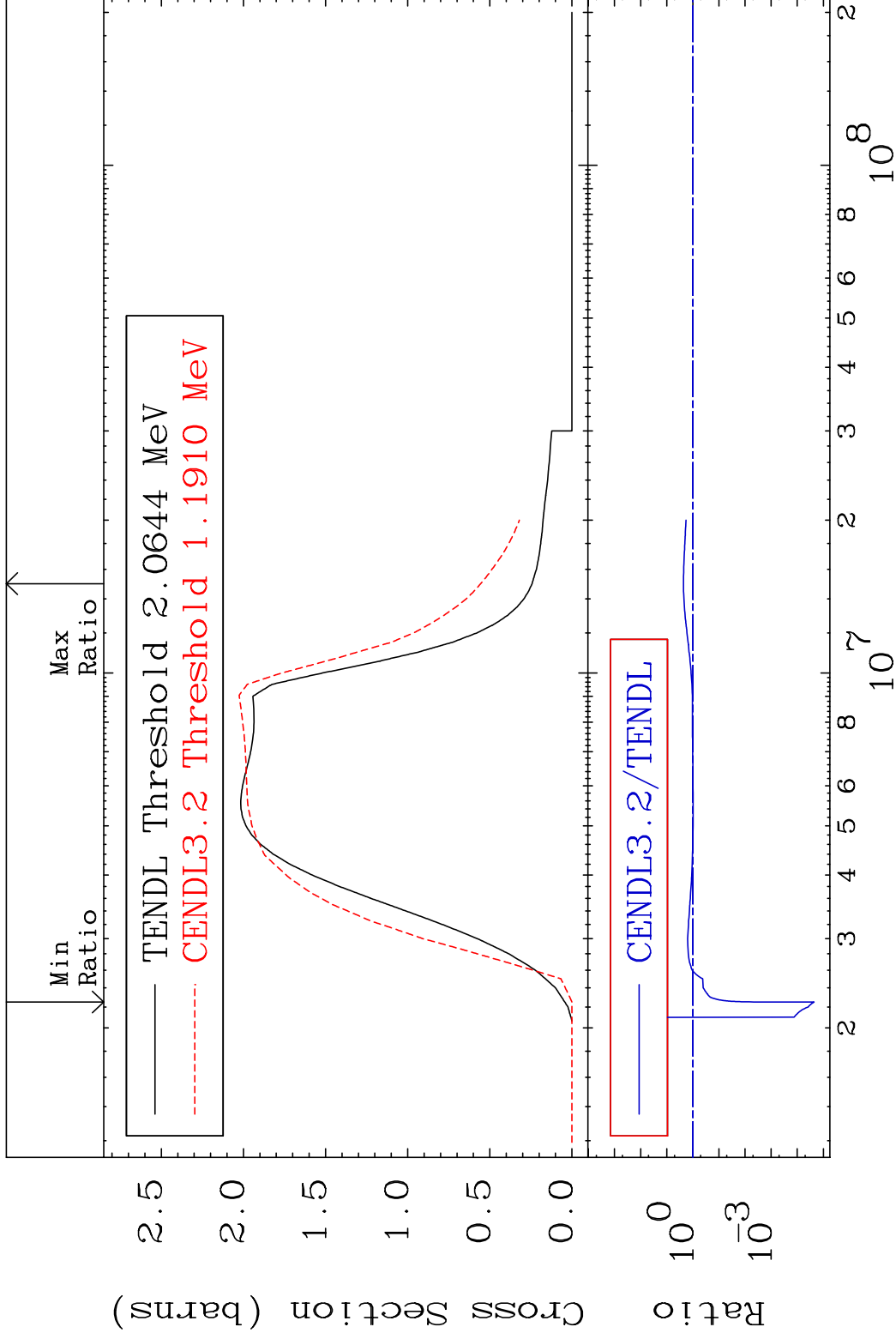


MAT 5131

(n, n') Continuum

51-Sb-123

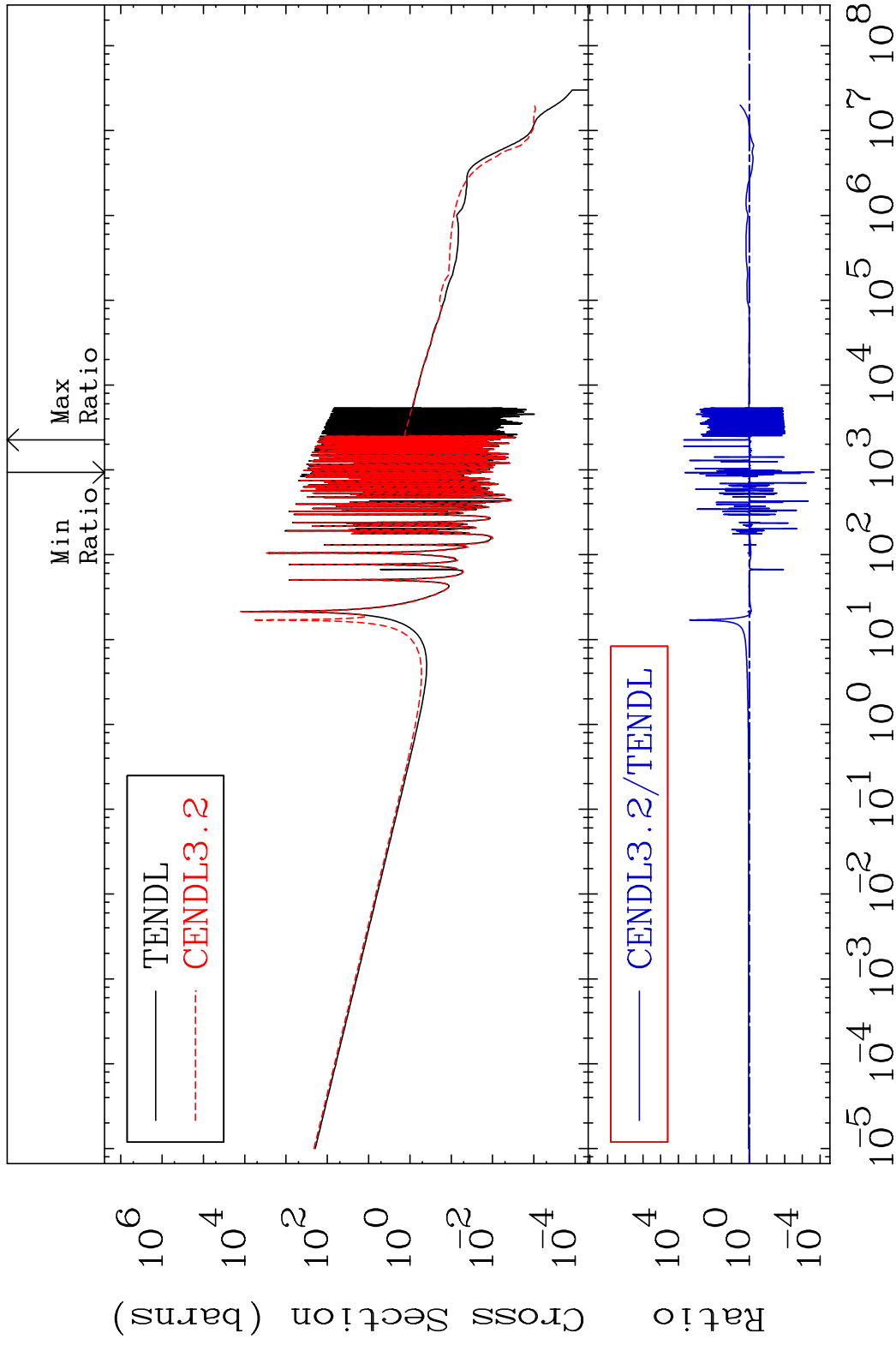
Cross Section -100.0 To 128.6 %



MAT 5131

(n, γ)
Cross Section -99.98 To 9999. %

51-Sb-123



15

Incident Energy (eV)

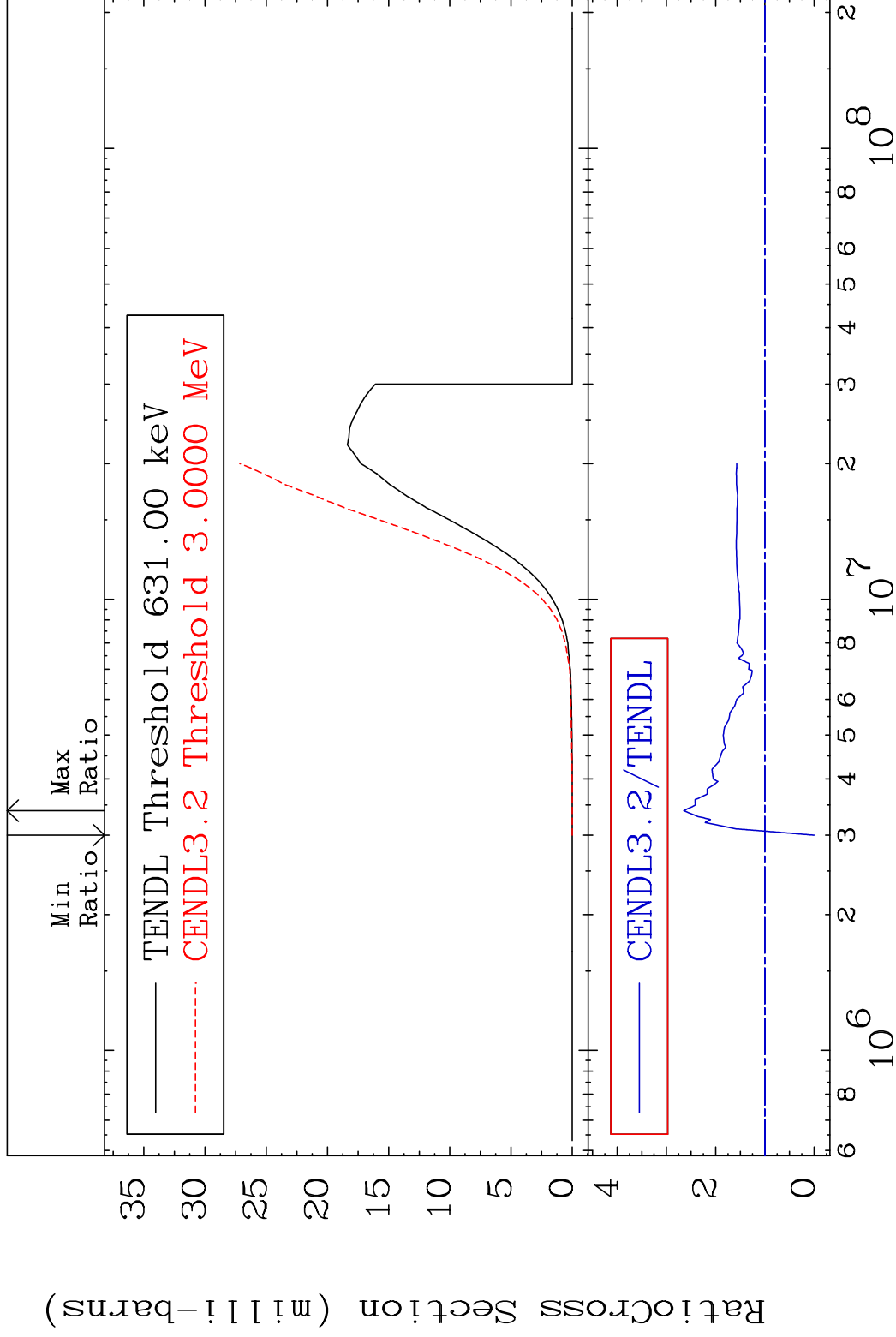
51-Sb-123

MAT 5131

(n,p)

51-Sb-123

Cross Section -100.0 To 164.9 %



16

Incident Energy (eV)

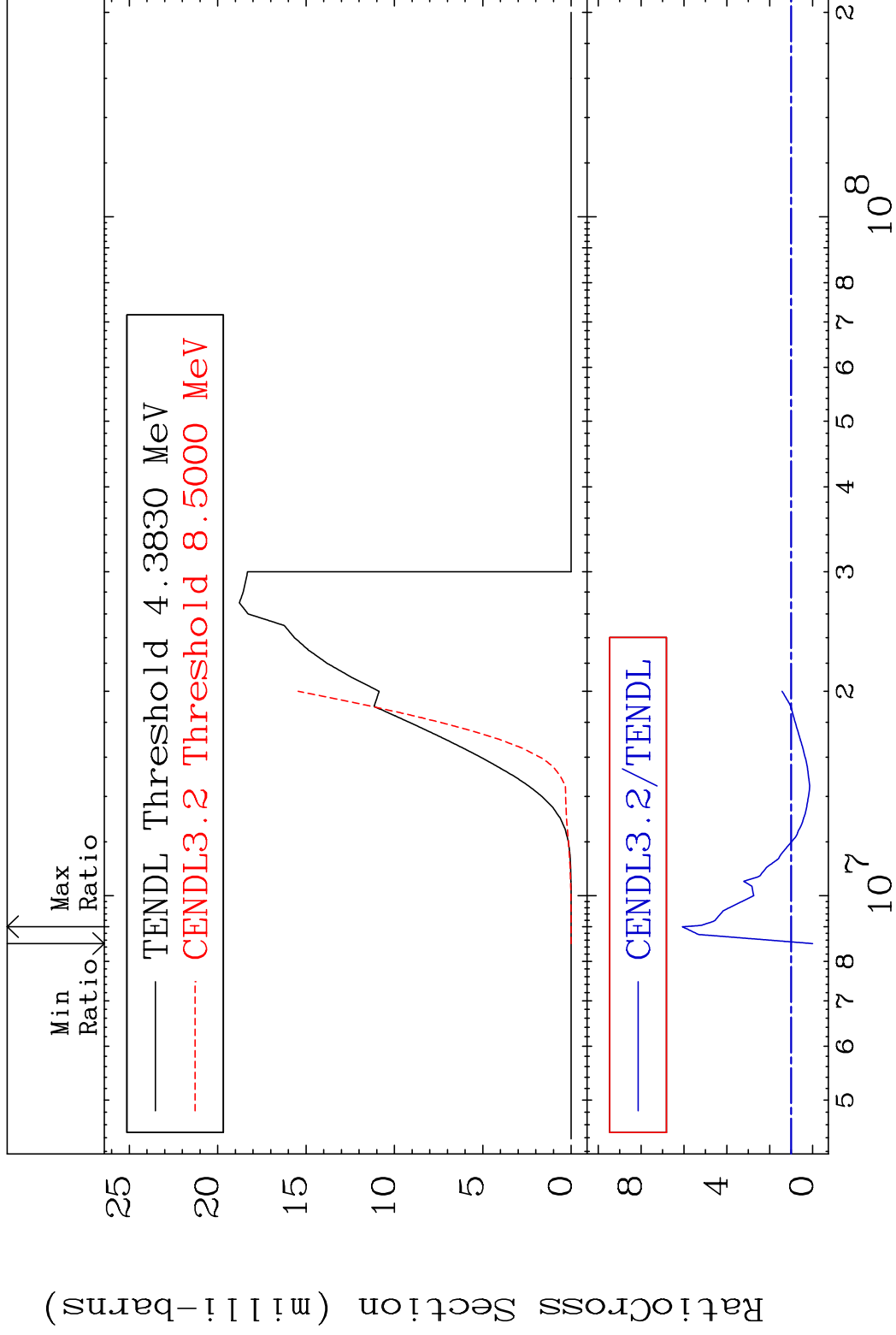
51-Sb-123

MAT 5131

(n,d)

51-Sb-123

Cross Section -100.0 To 507.2 %



17

Incident Energy (eV)

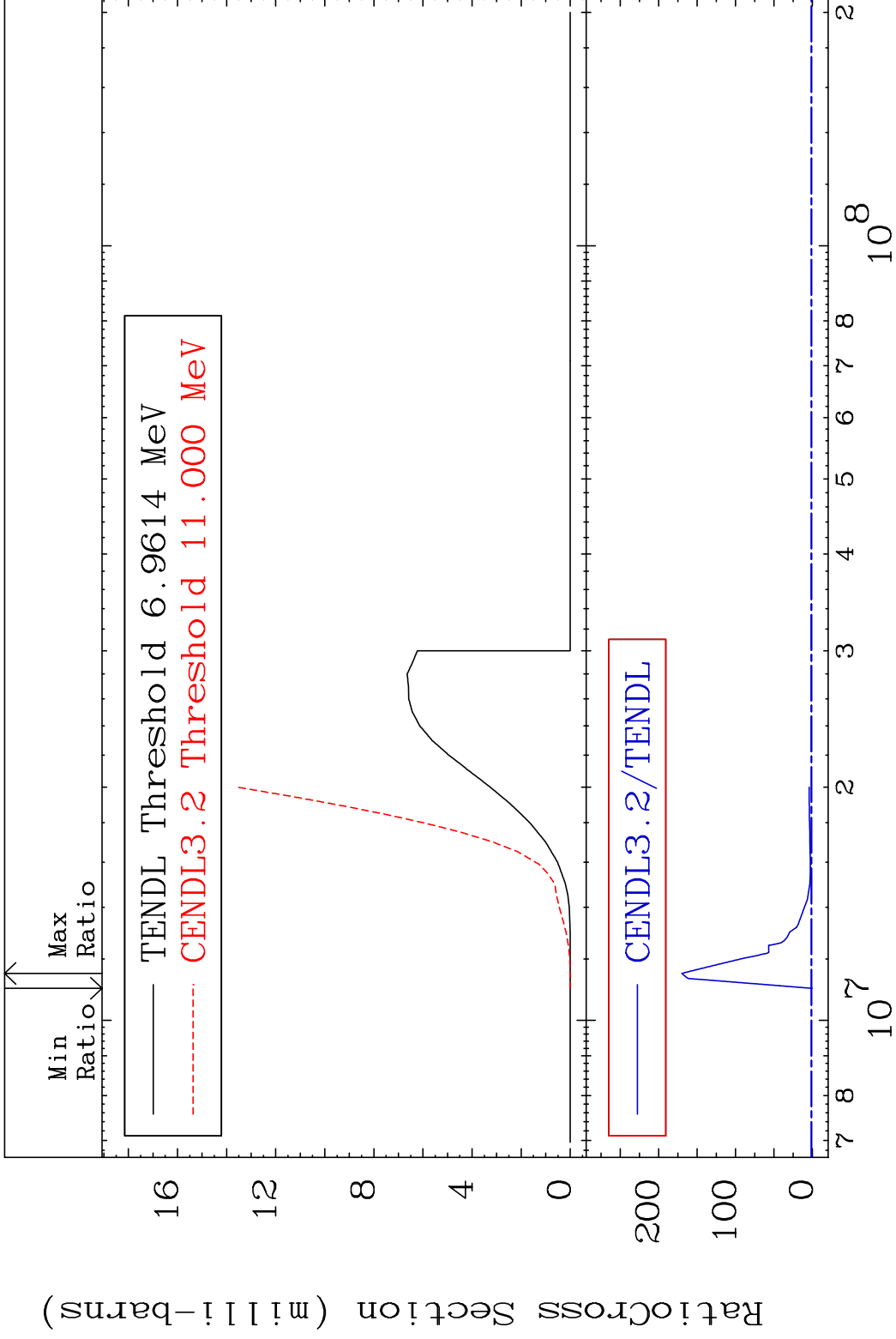
51-Sb-123

MAT 5131

(n, t)

51-Sb-123

Cross Section -100.0 To 9999. %



18

Incident Energy (eV)

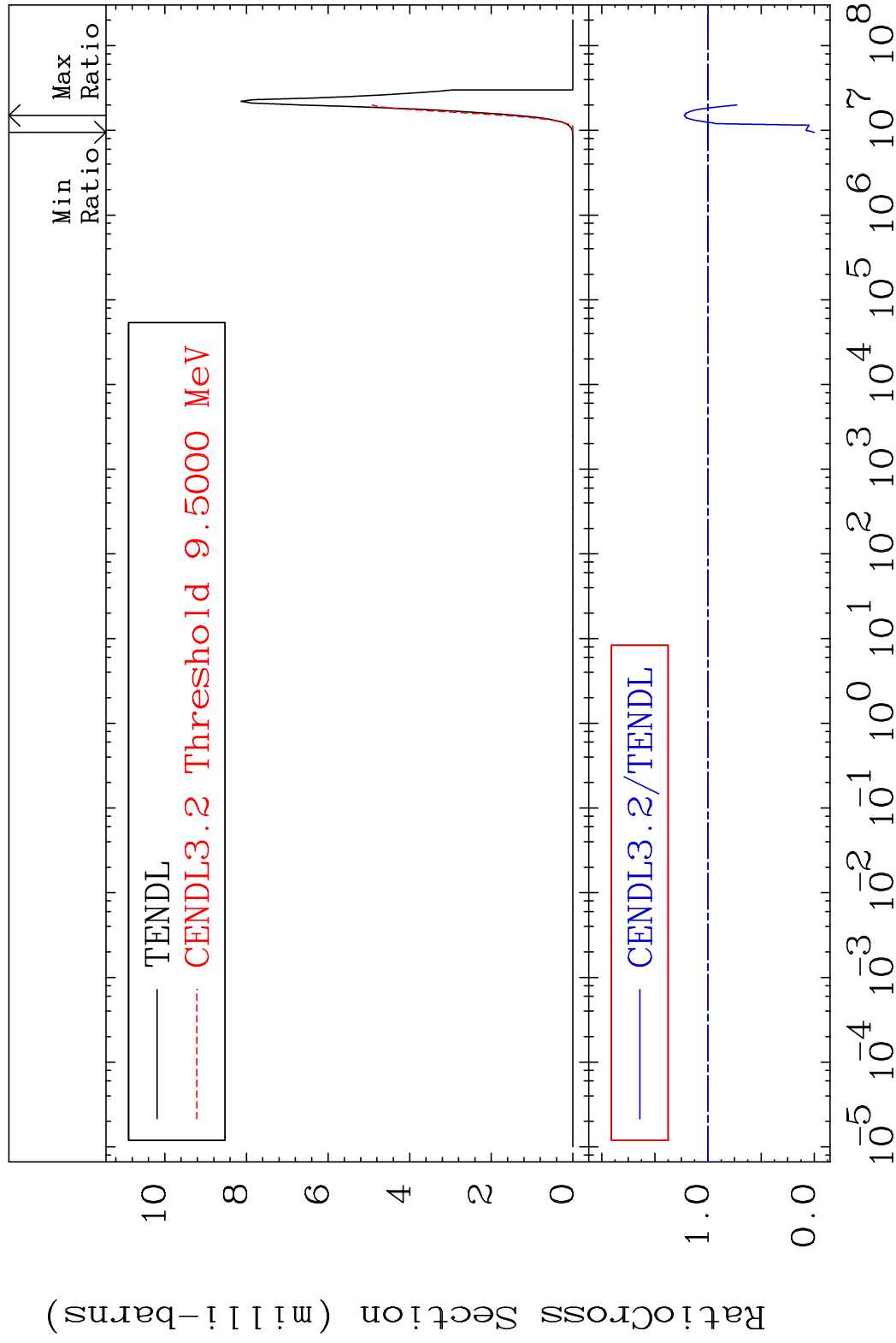
51-Sb-123

MAT 5131

(n, α)

51-Sb-123

Cross Section -100.0 To 22.50 %



19

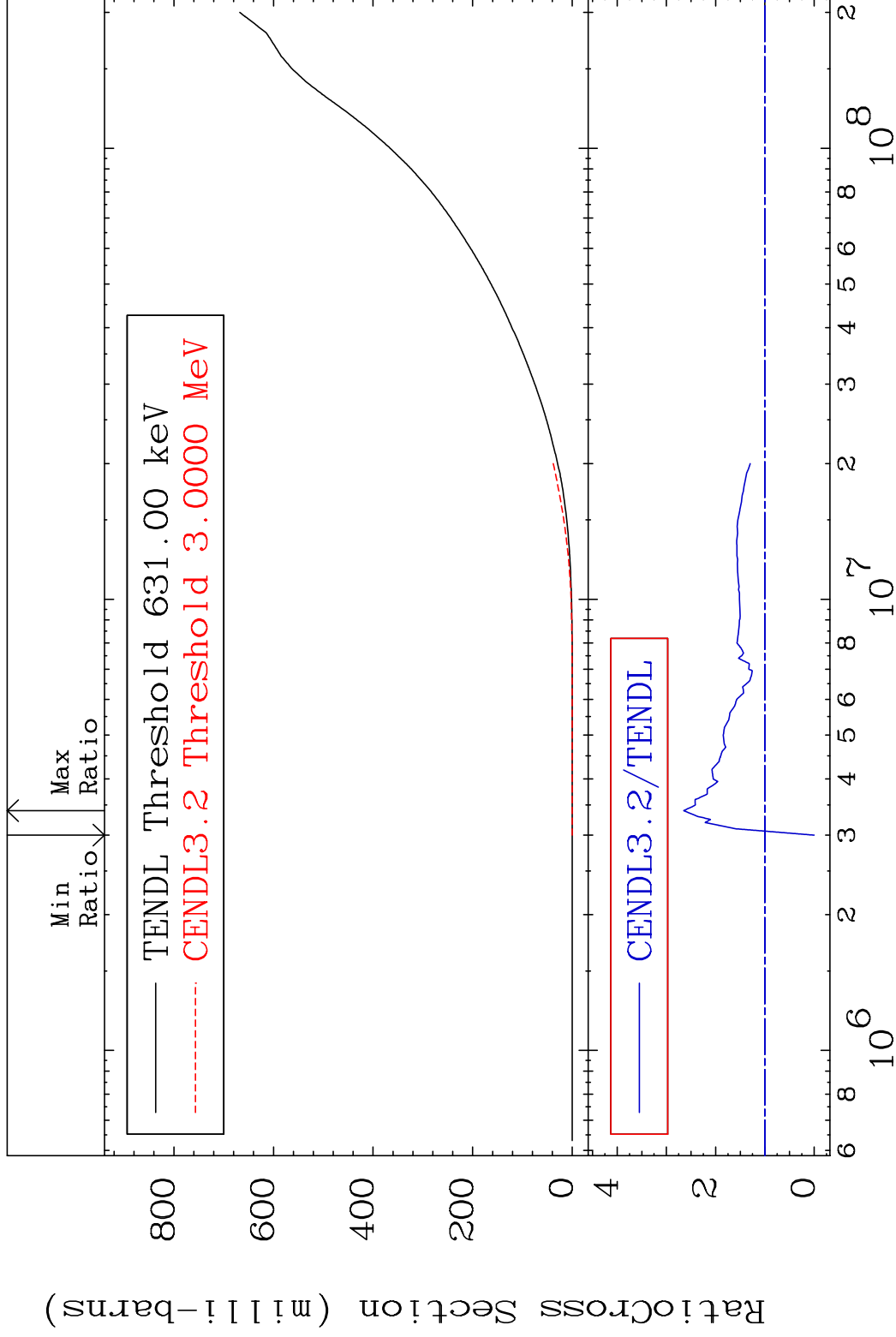
Incident Energy (eV)

51-Sb-123

MAT 5131

Hydrogen Production 51-Sb-123

Cross Section -100.0 To 164.9 %



20

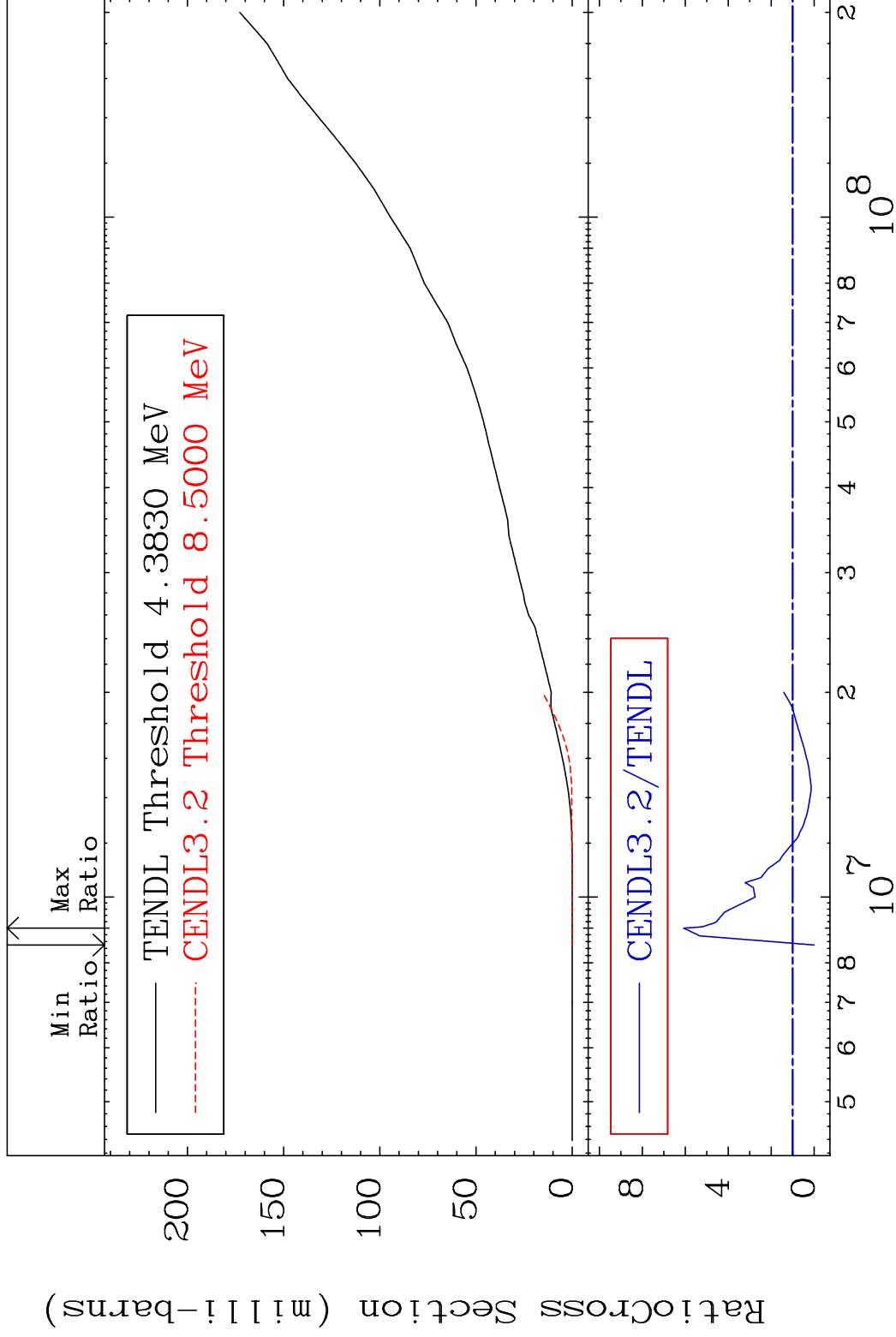
Incident Energy (eV)

51-Sb-123

MAT 5131

Deuterium Production 51-Sb-123

Cross Section -100.0 To 507.2 %

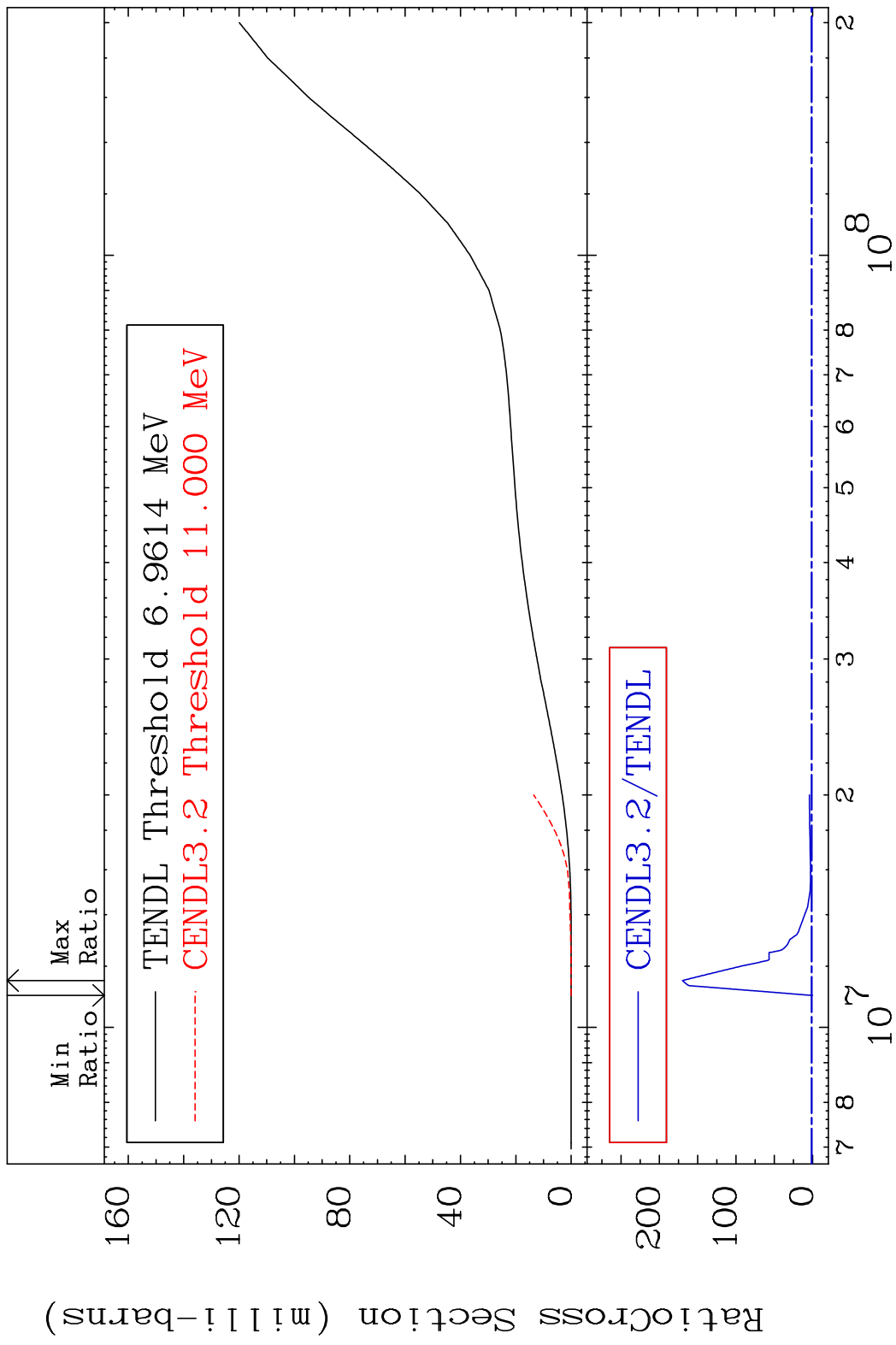


21

Incident Energy (eV)

51-Sb-123

MAT 5131 Tritium Production 51-Sb-123
 Cross Section -100.0 To 9999. %

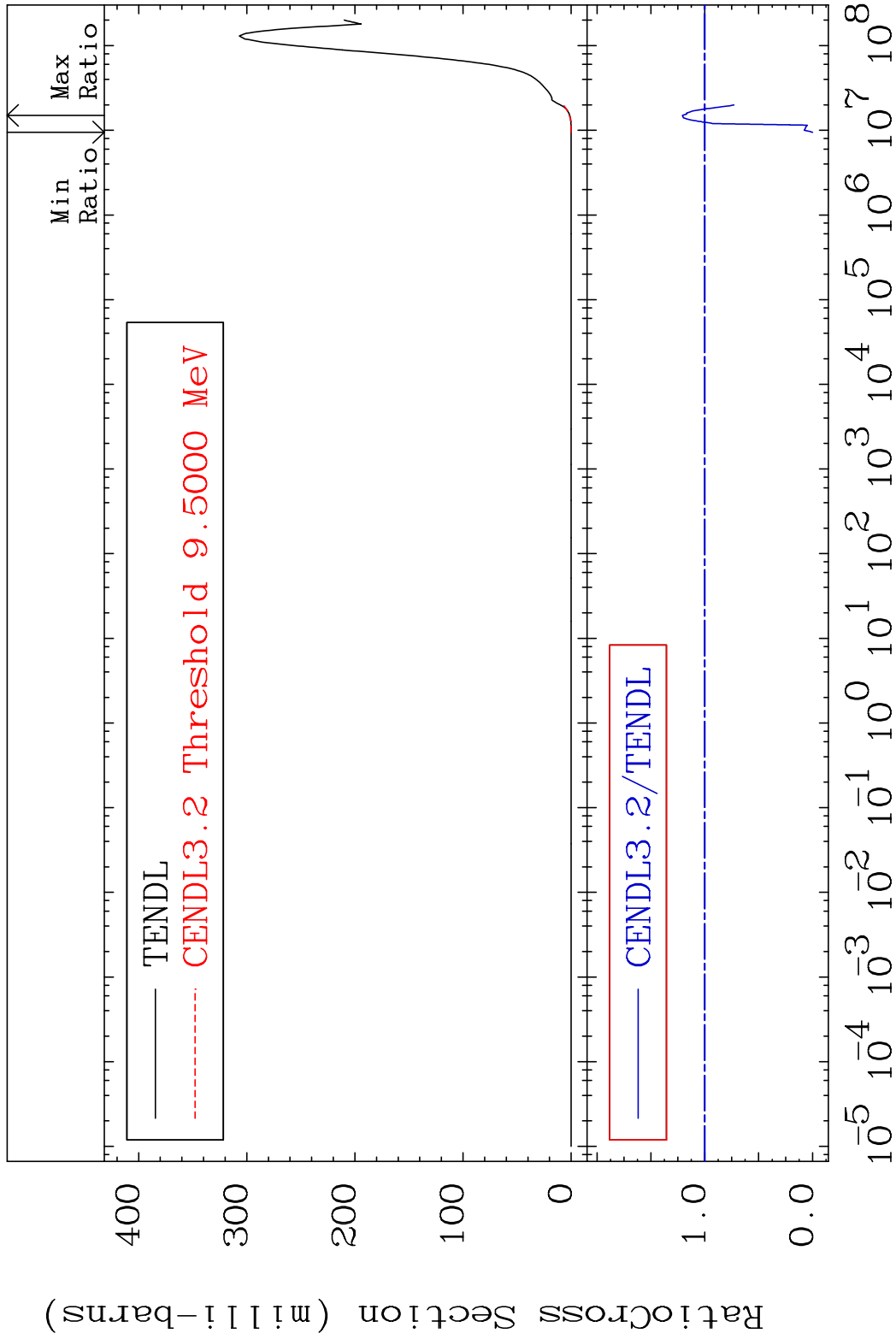


MAT 5131

He-4 Production

51-Sb-123

Cross Section -100.0 To 20.81 %



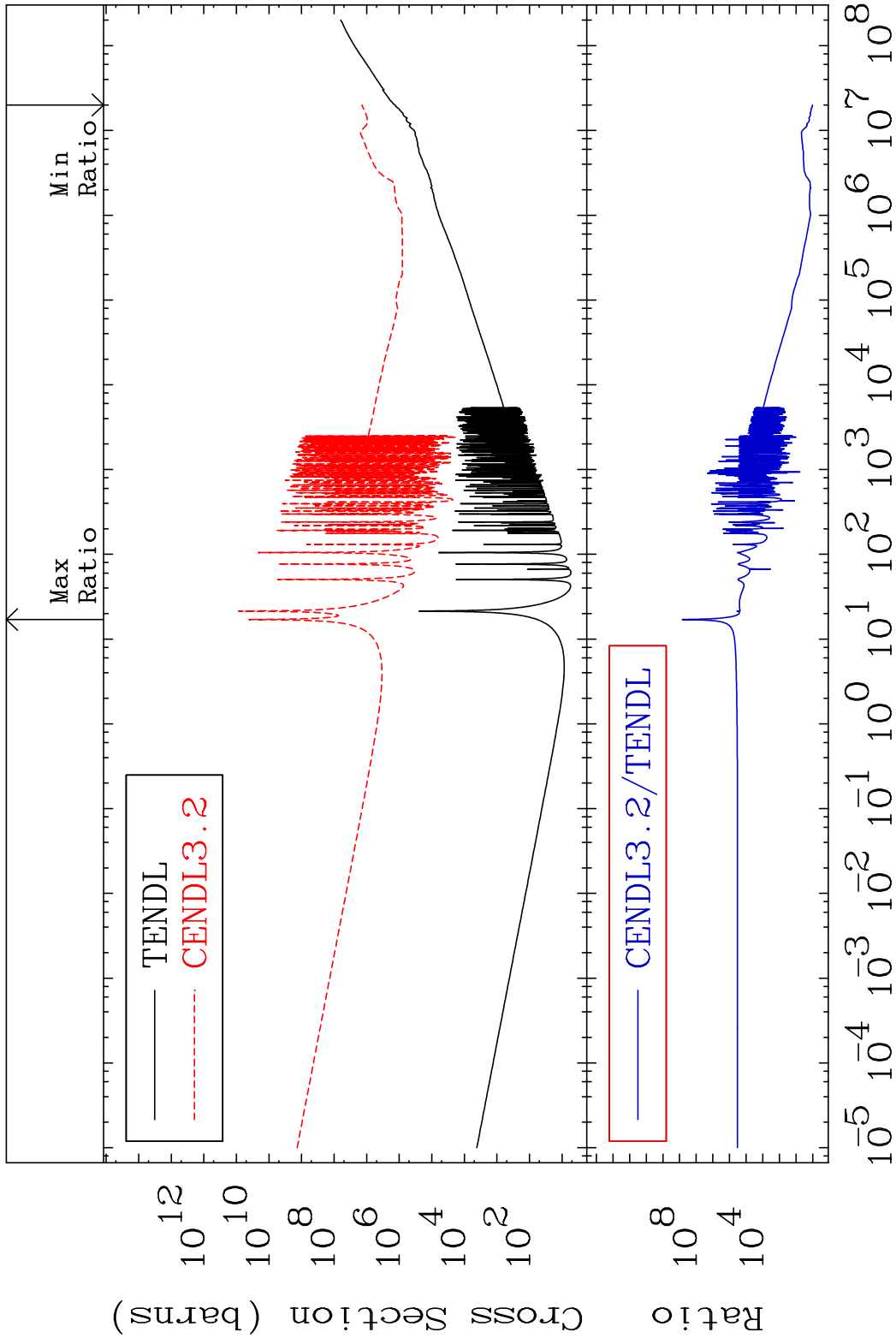
23

Incident Energy (eV)

51-Sb-123

MAT 5131

Kerma total (eV-barns) 51-Sb-123
Cross Section 928.7 To 9999. %



24

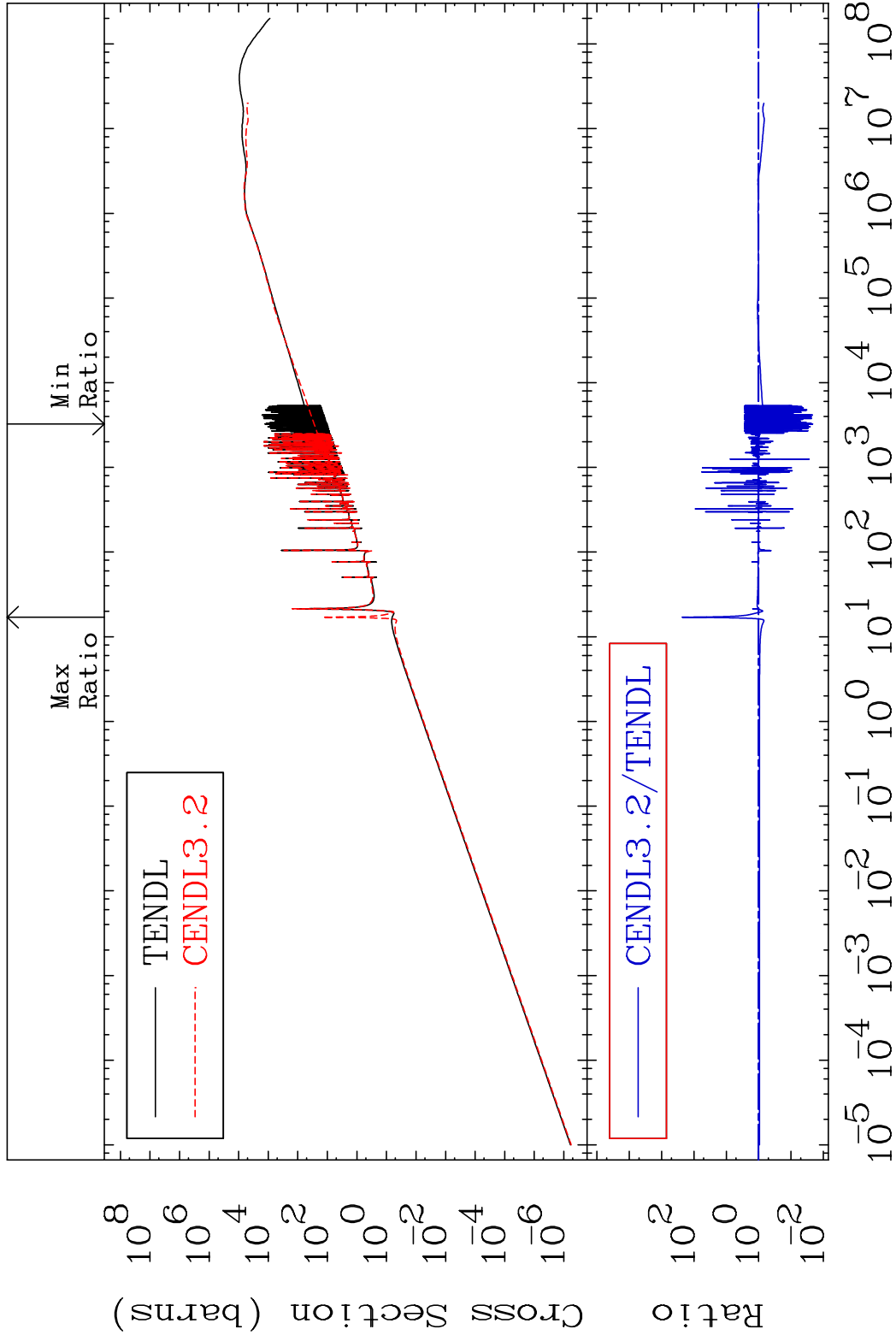
Incident Energy (eV) 51-Sb-123

MAT 5131

Kerma elastic

51-Sb-123

Cross Section -97.84 To 9999. %

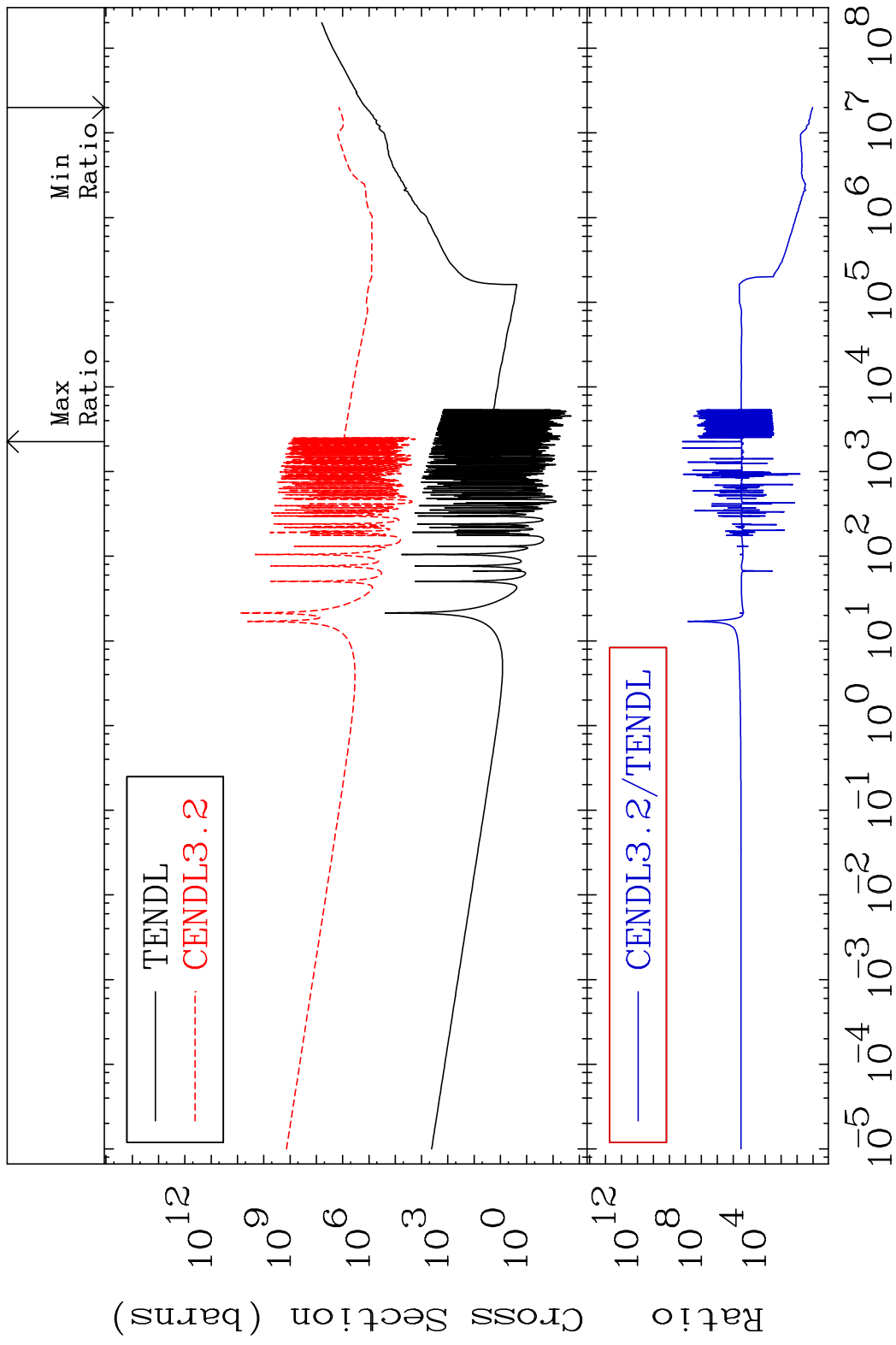


25

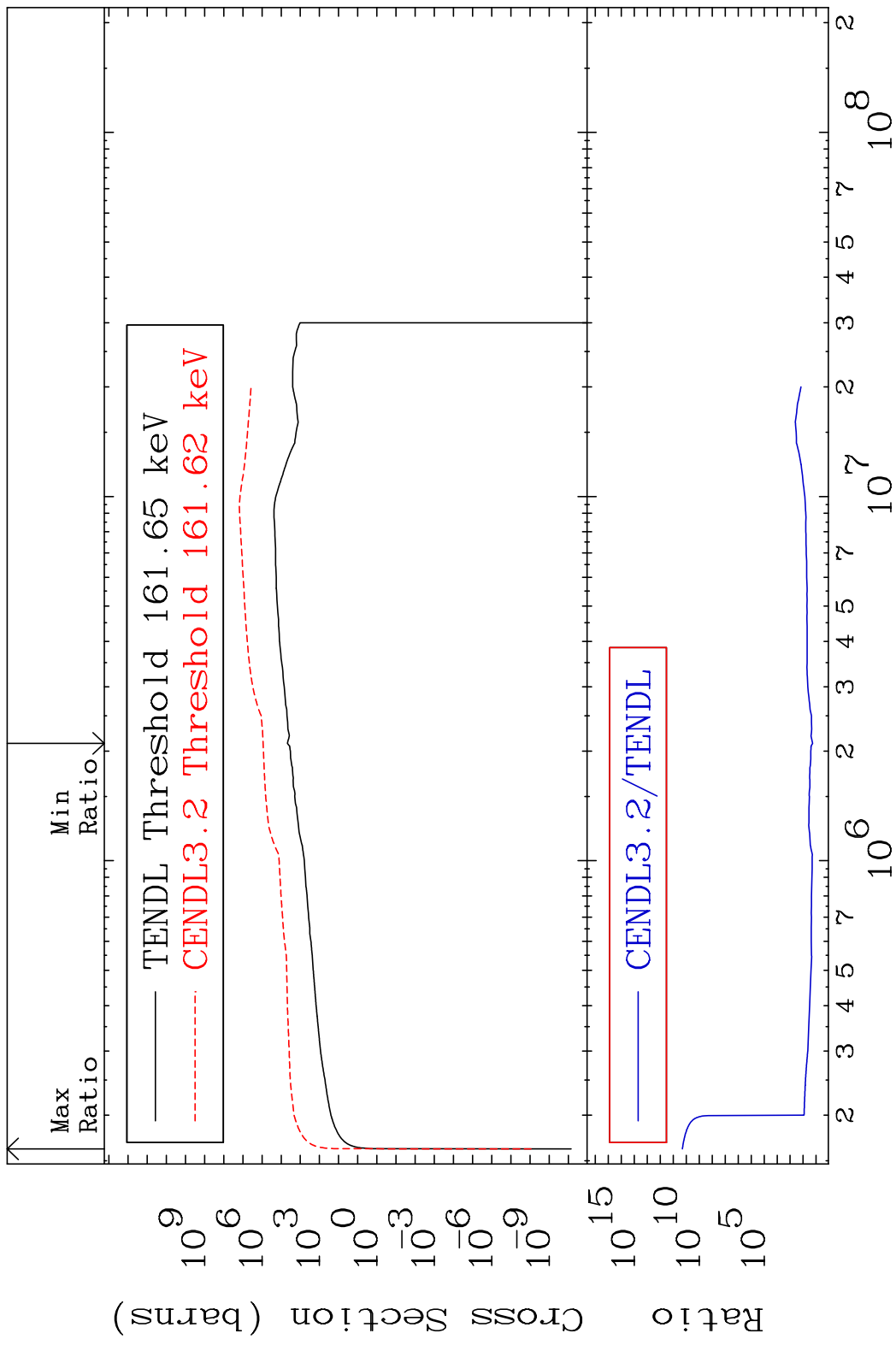
Incident Energy (eV)

51-Sb-123

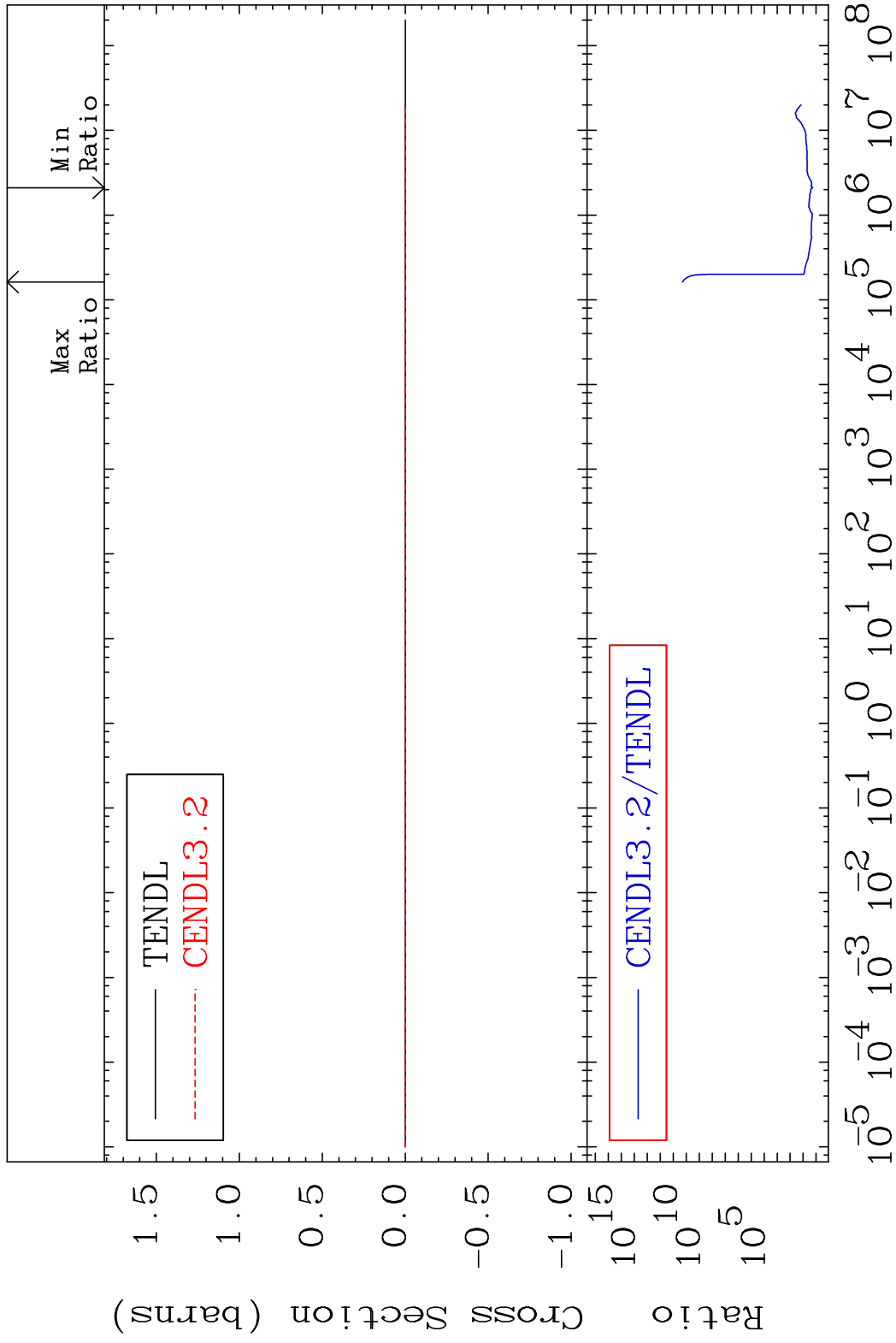
MAT 5131 Kerma non-elastic (all but mt2) 51-Sb-123
 Cross Section 984.4 To 9999. %



MAT 5131 Kerma inelastic (mt51-91) 51-Sb-123
 Cross Section 1778. To 9999. %

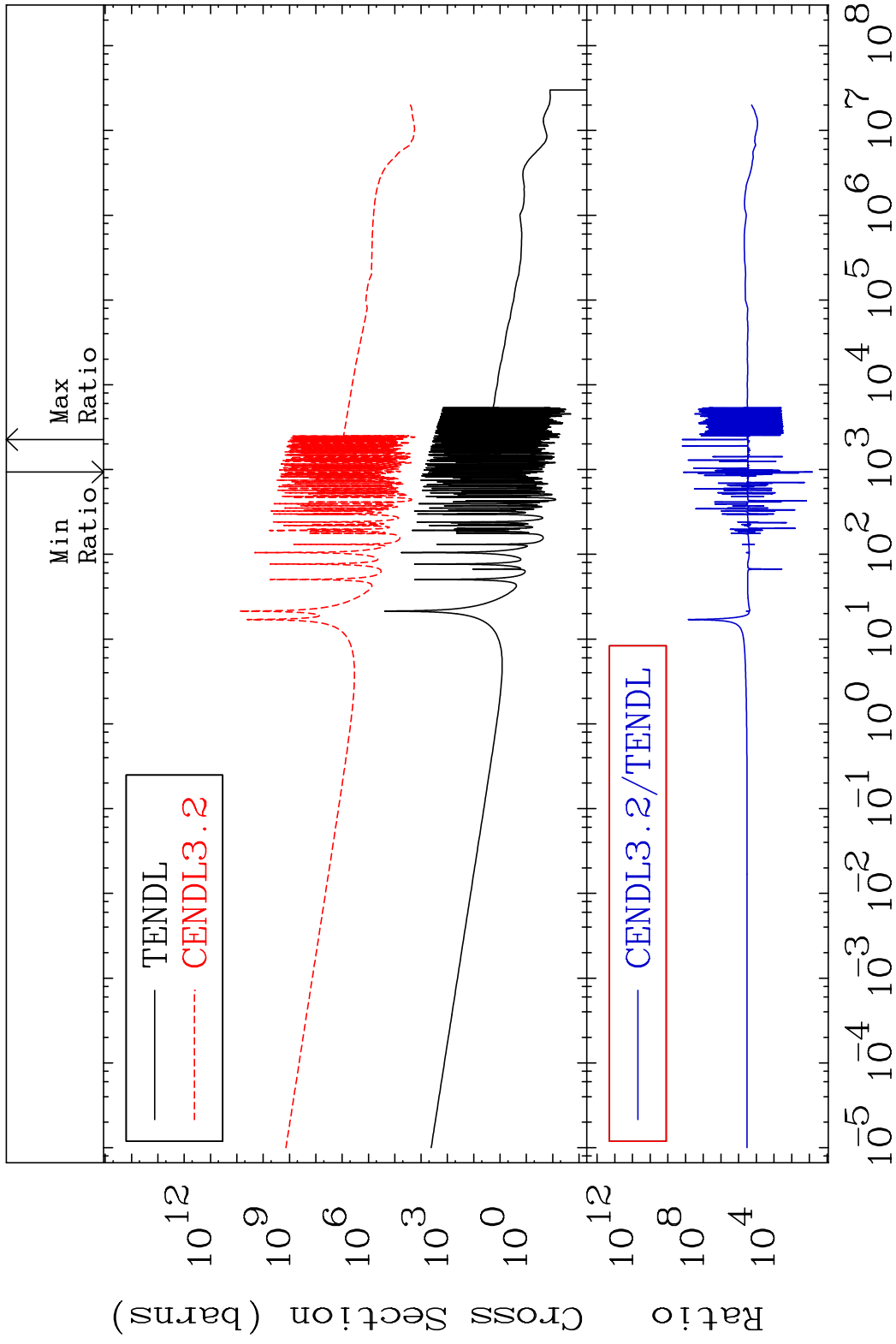


MAT 5131 Kerma fission (mt18 or mt19-20-21-38) 51-Sb-123
 Cross Section 1778. To 9999. %



MAT 5131

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

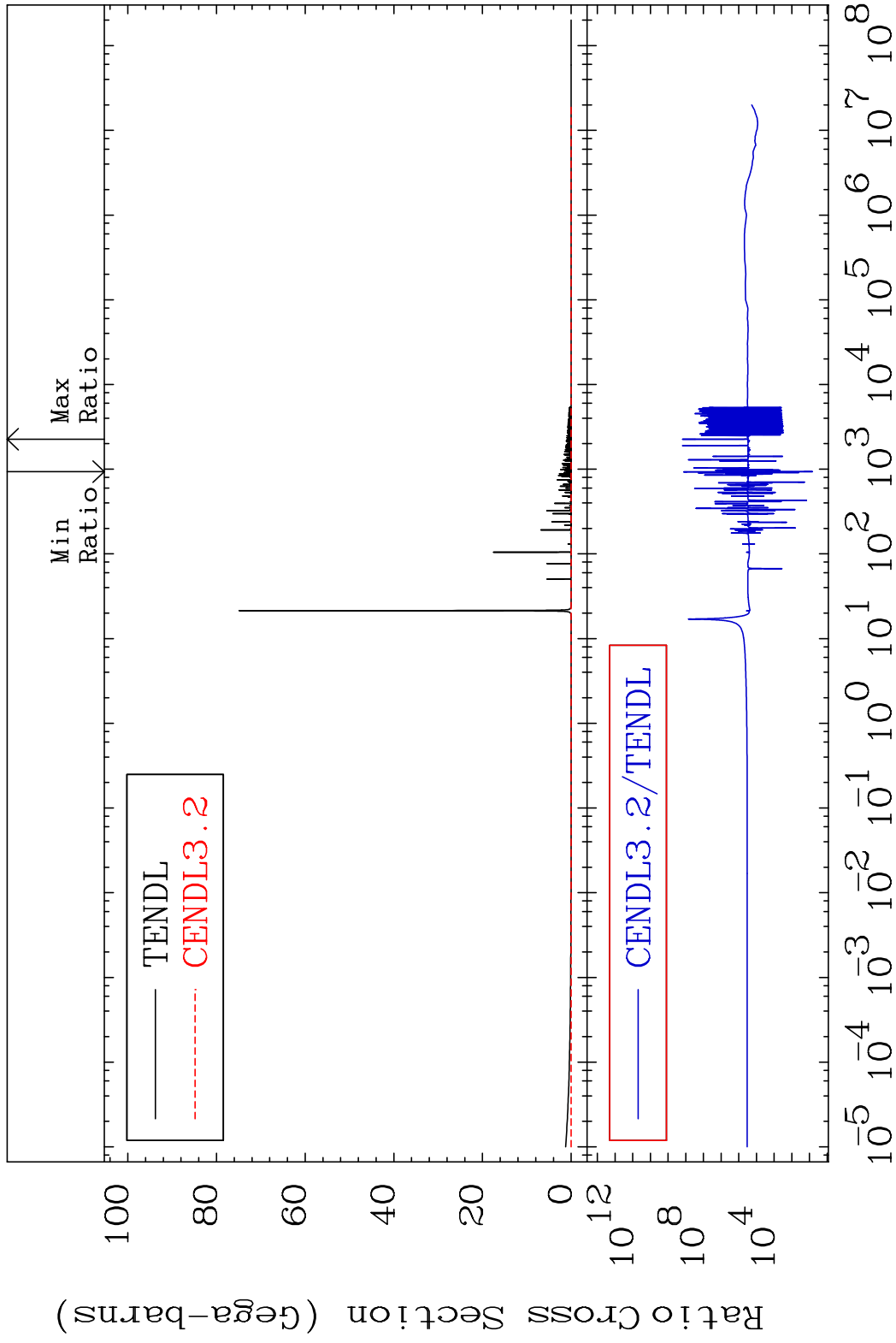


29

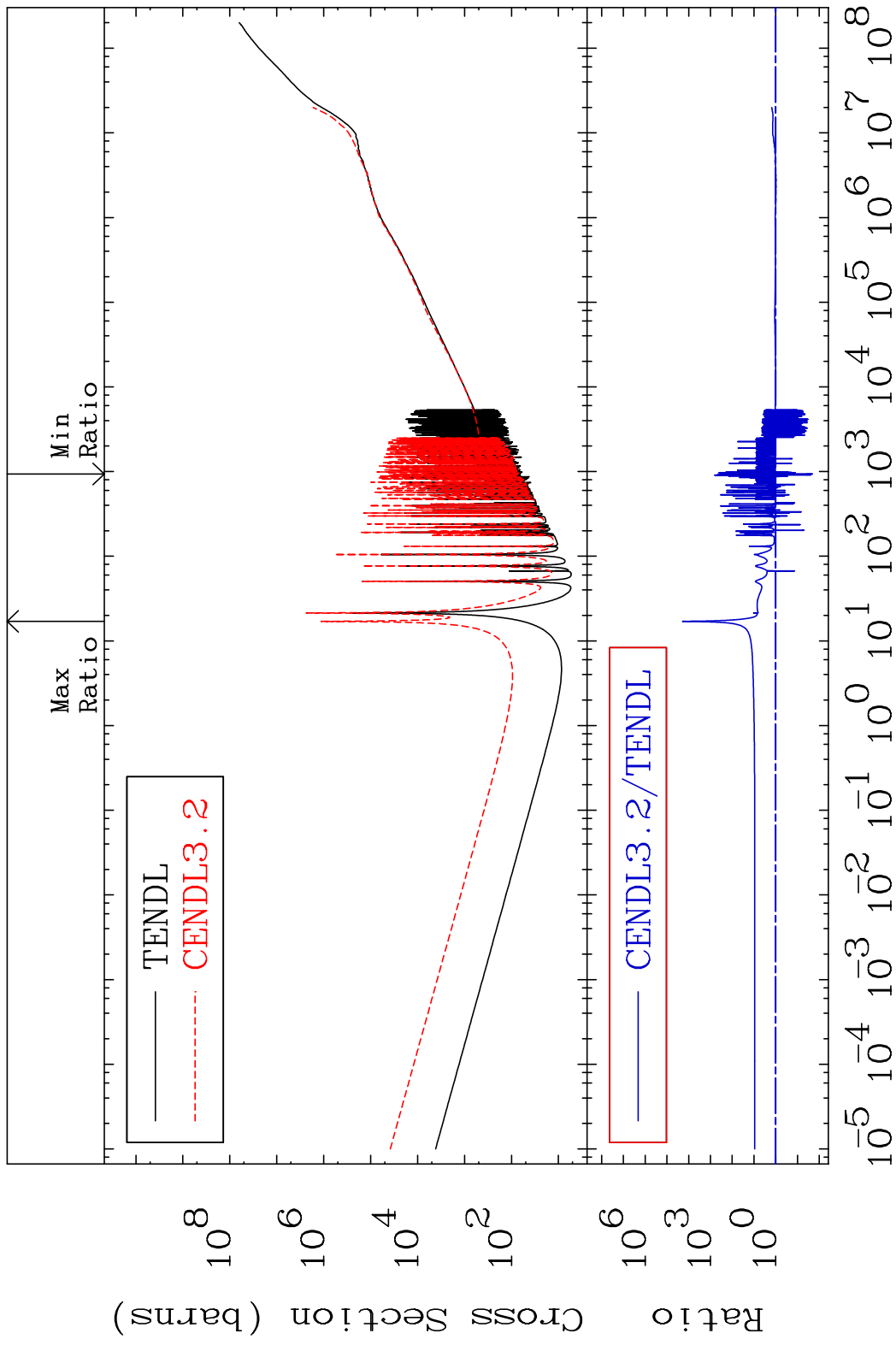
Incident Energy (eV)

51-Sb-123

MAT 5131 Total photon (eV-barns) 51-Sb-123
 Cross Section 6553. To 9999. %



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

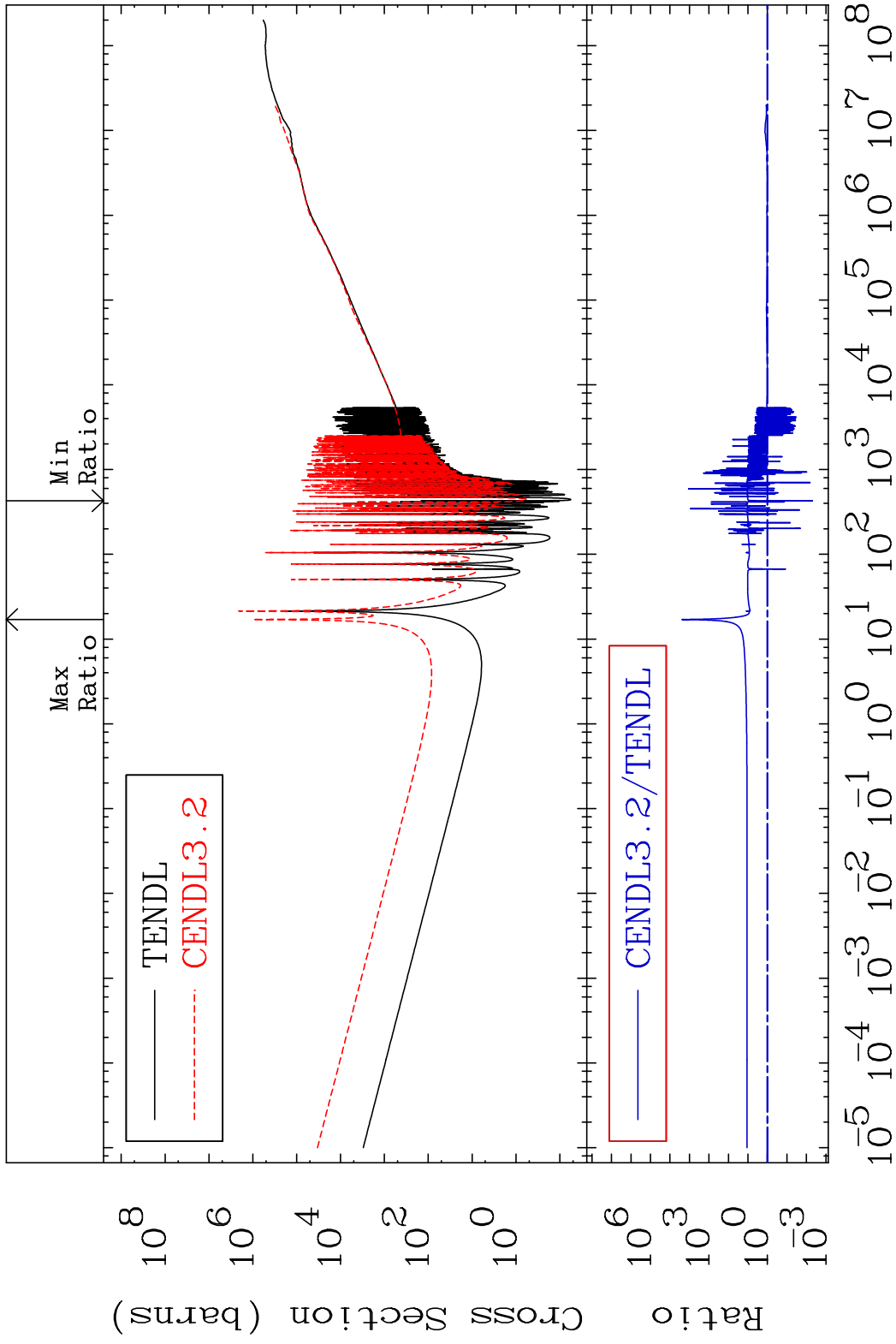


MAT 5131

Dpa total (eV-barns)

51-Sb-123

Cross Section -99.51 To 9999. %



32

Incident Energy (eV)

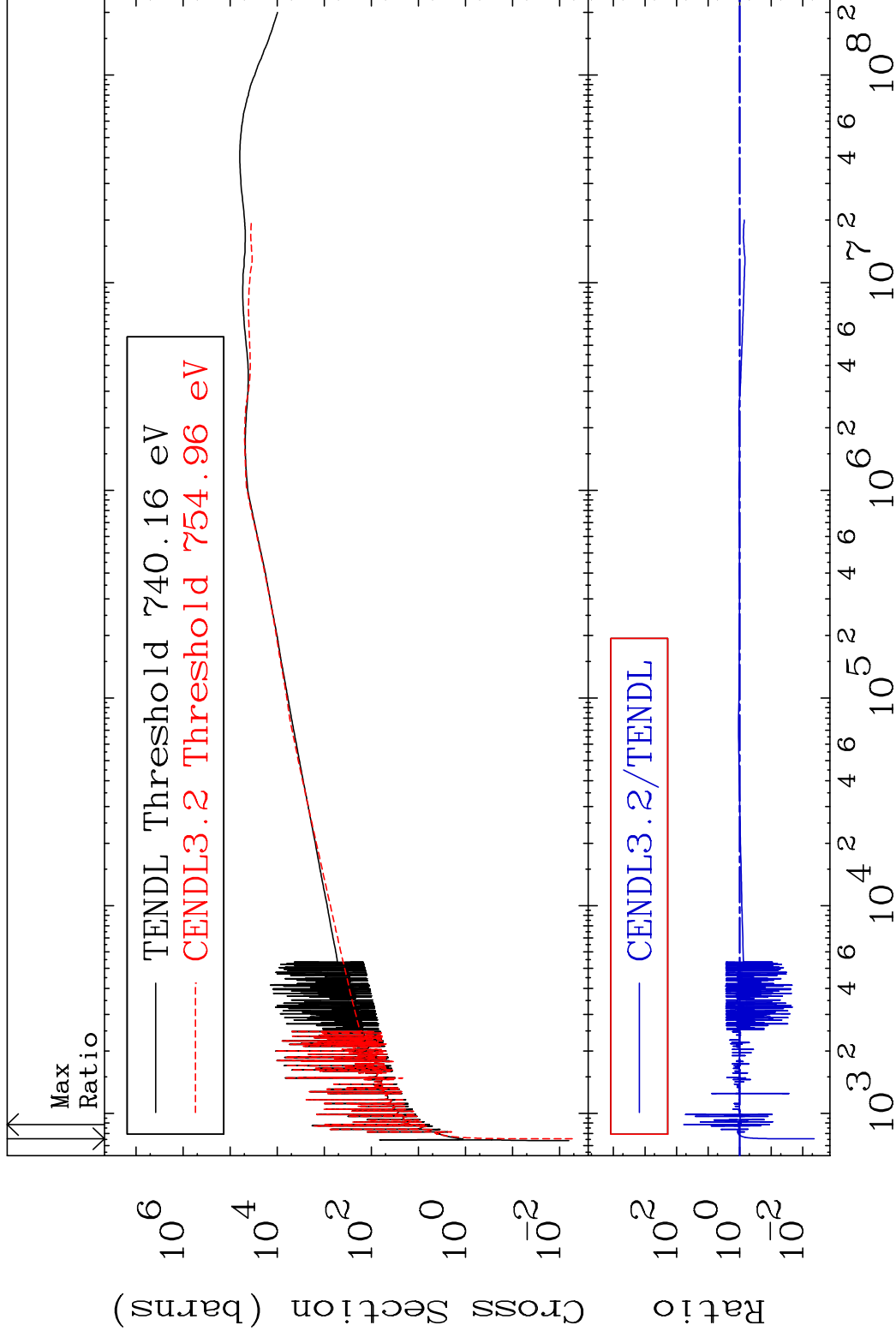
51-Sb-123

MAT 5131

Dpa elastic (mt2)

51-Sb-123

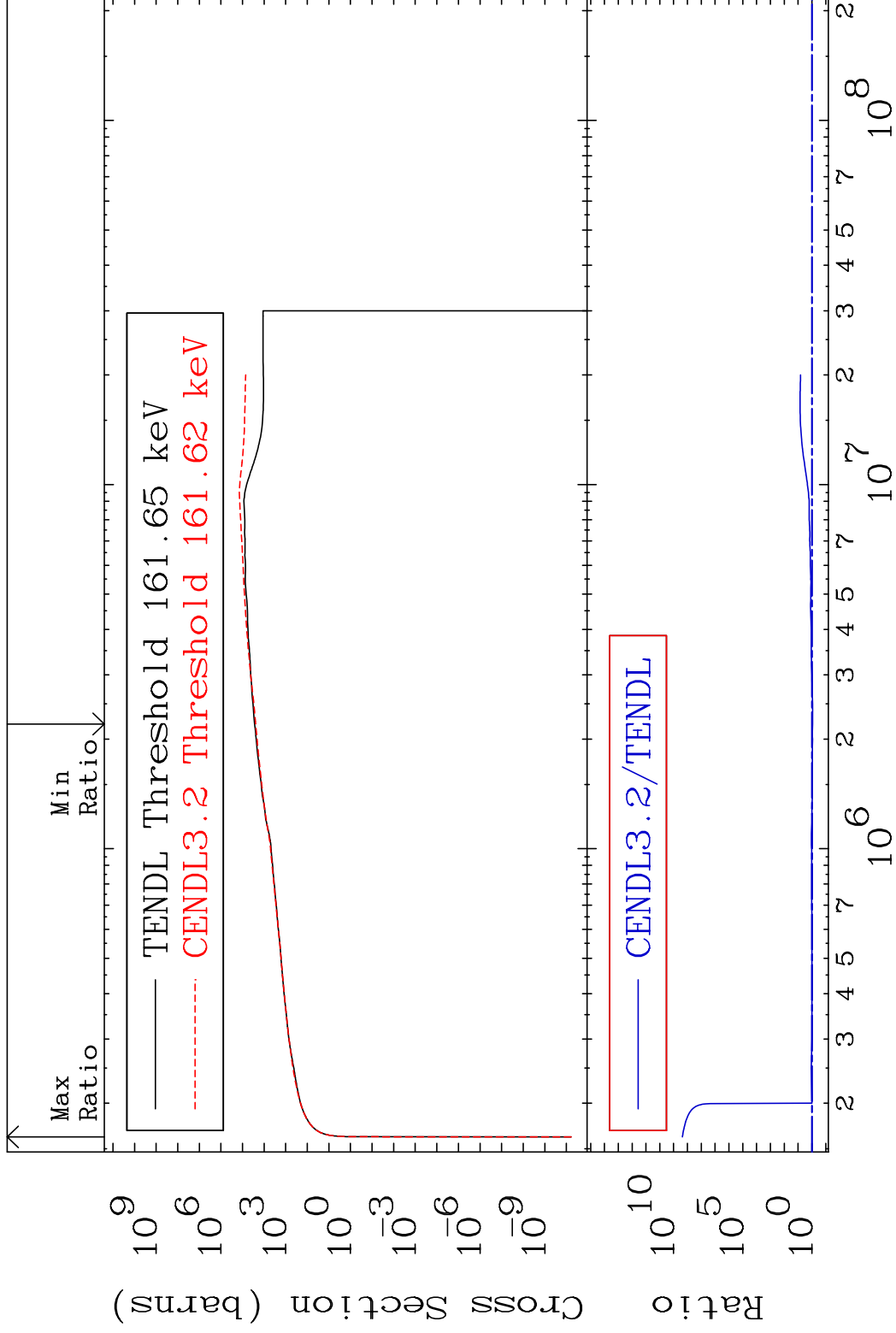
Cross Section -99.56 To 5848. %



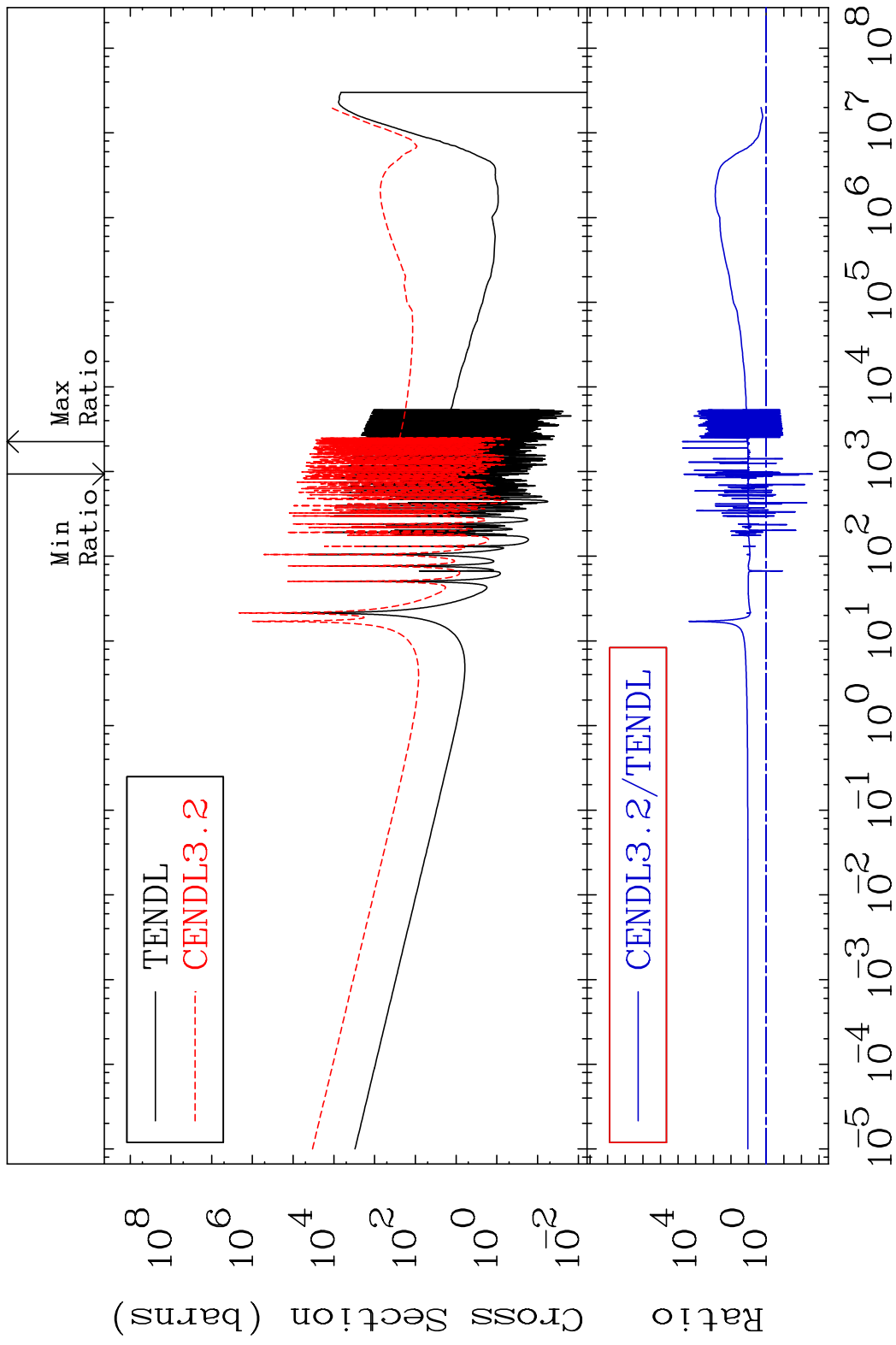
33

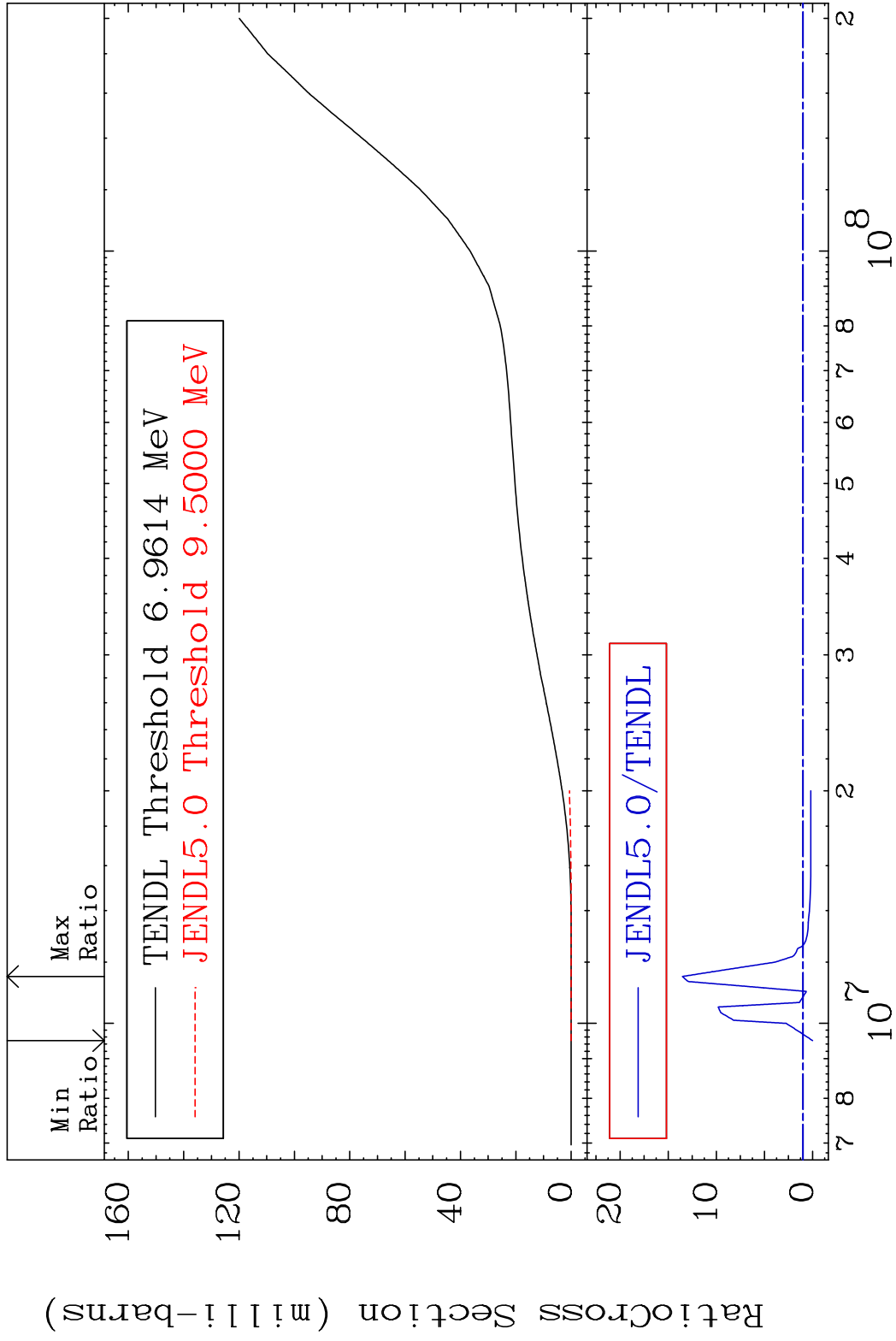
Incident Energy (eV)

51-Sb-123



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



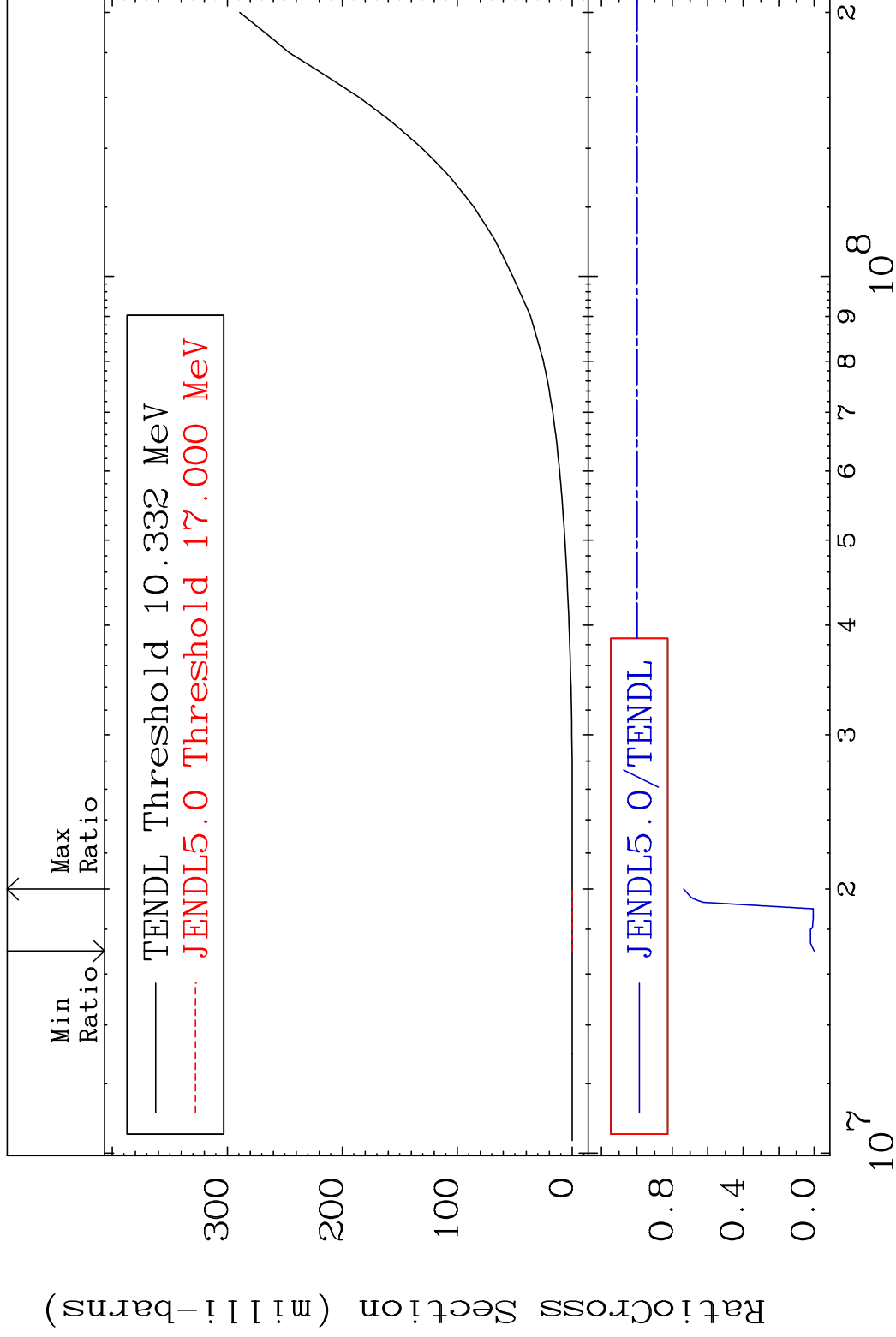


MAT 5131

He-3 Production

51-Sb-123

Cross Section -100.0 To -26.40%



37

Incident Energy (eV)

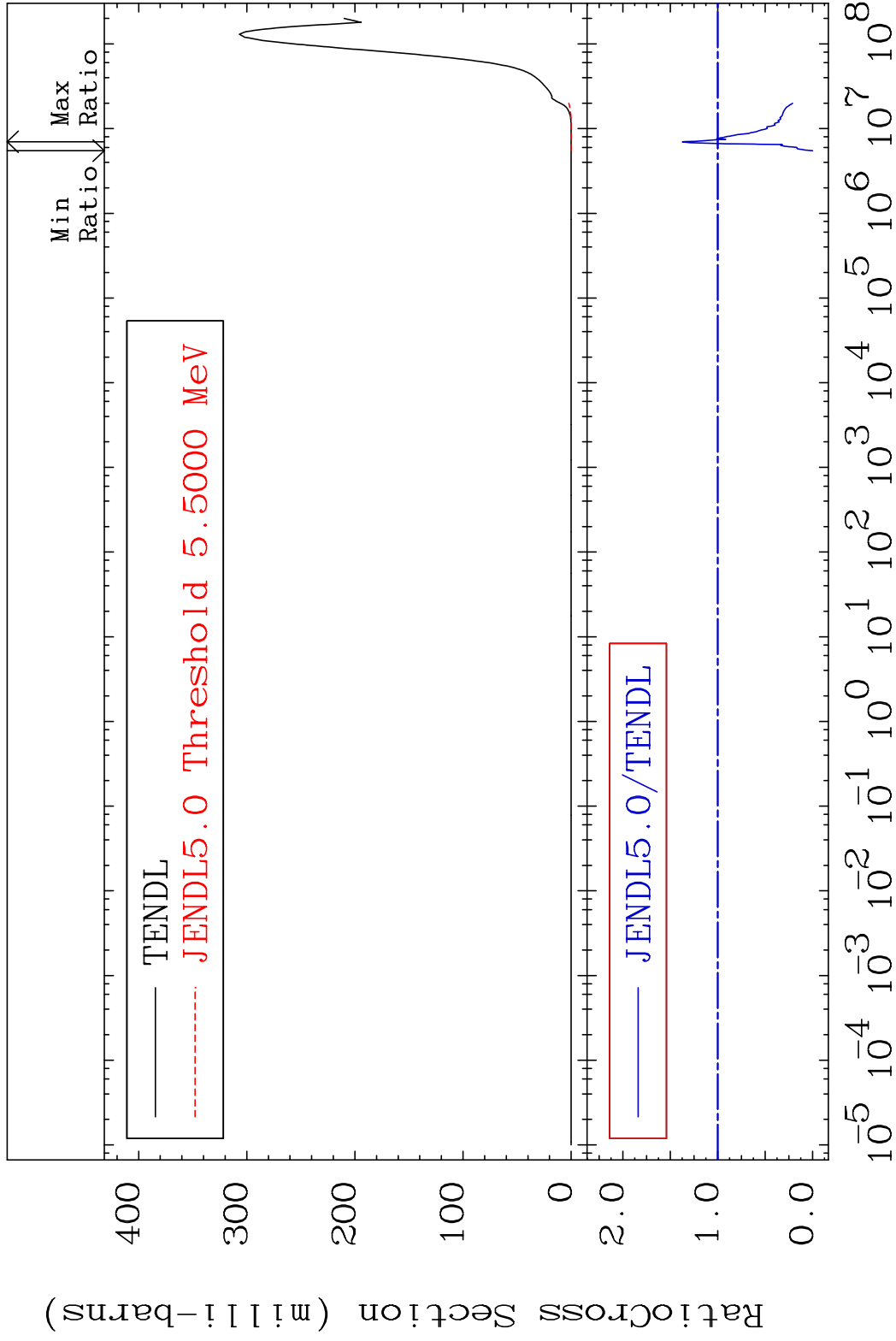
51-Sb-123

MAT 5131

He-4 Production

51-Sb-123

Cross Section -100.0 To 37.34 %

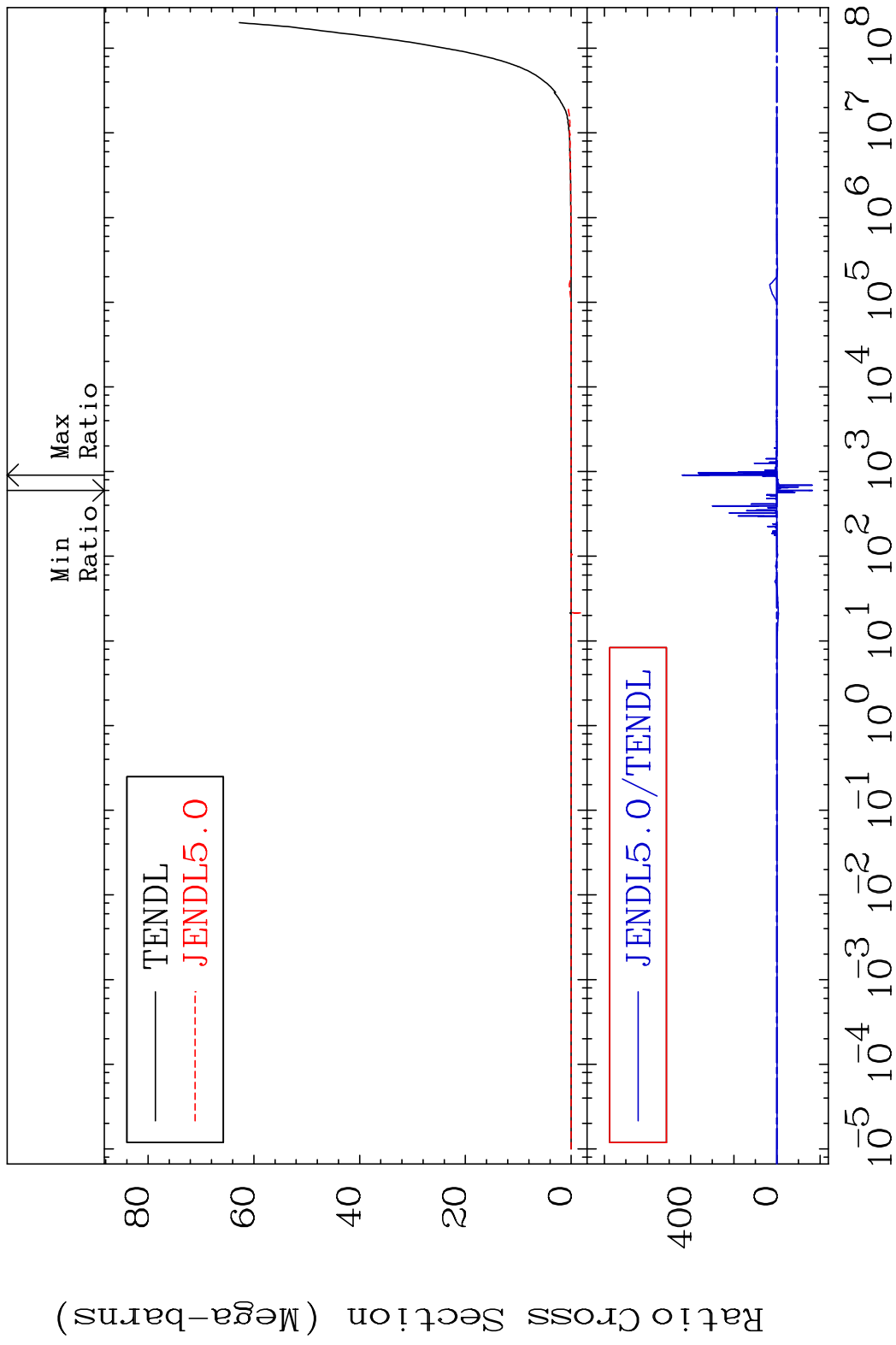


38

Incident Energy (eV)

51-Sb-123

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



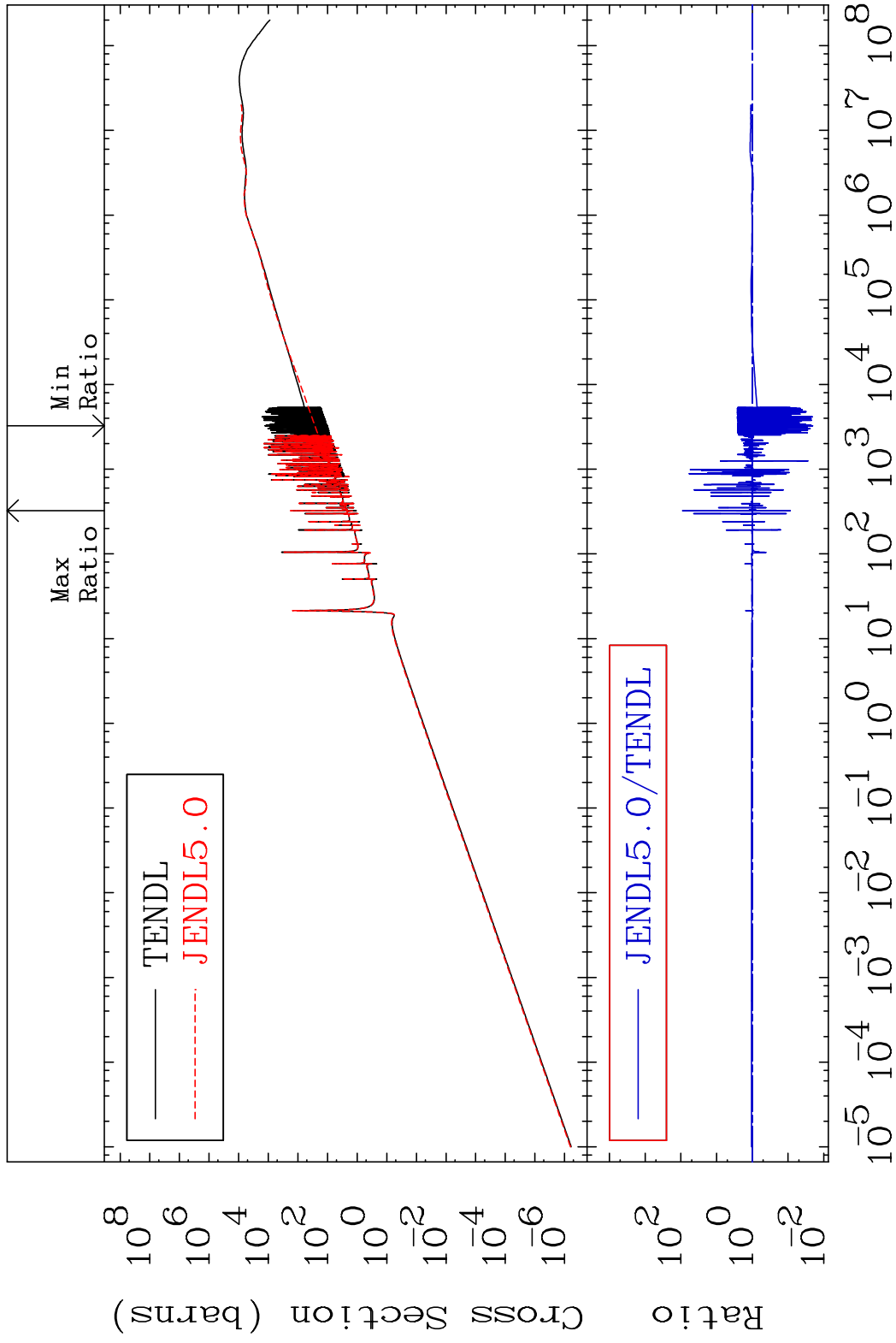
39 Incident Energy (eV) 51-Sb-123

MAT 5131

Kerma elastic

51-Sb-123

Cross Section -97.94 To 8999. %

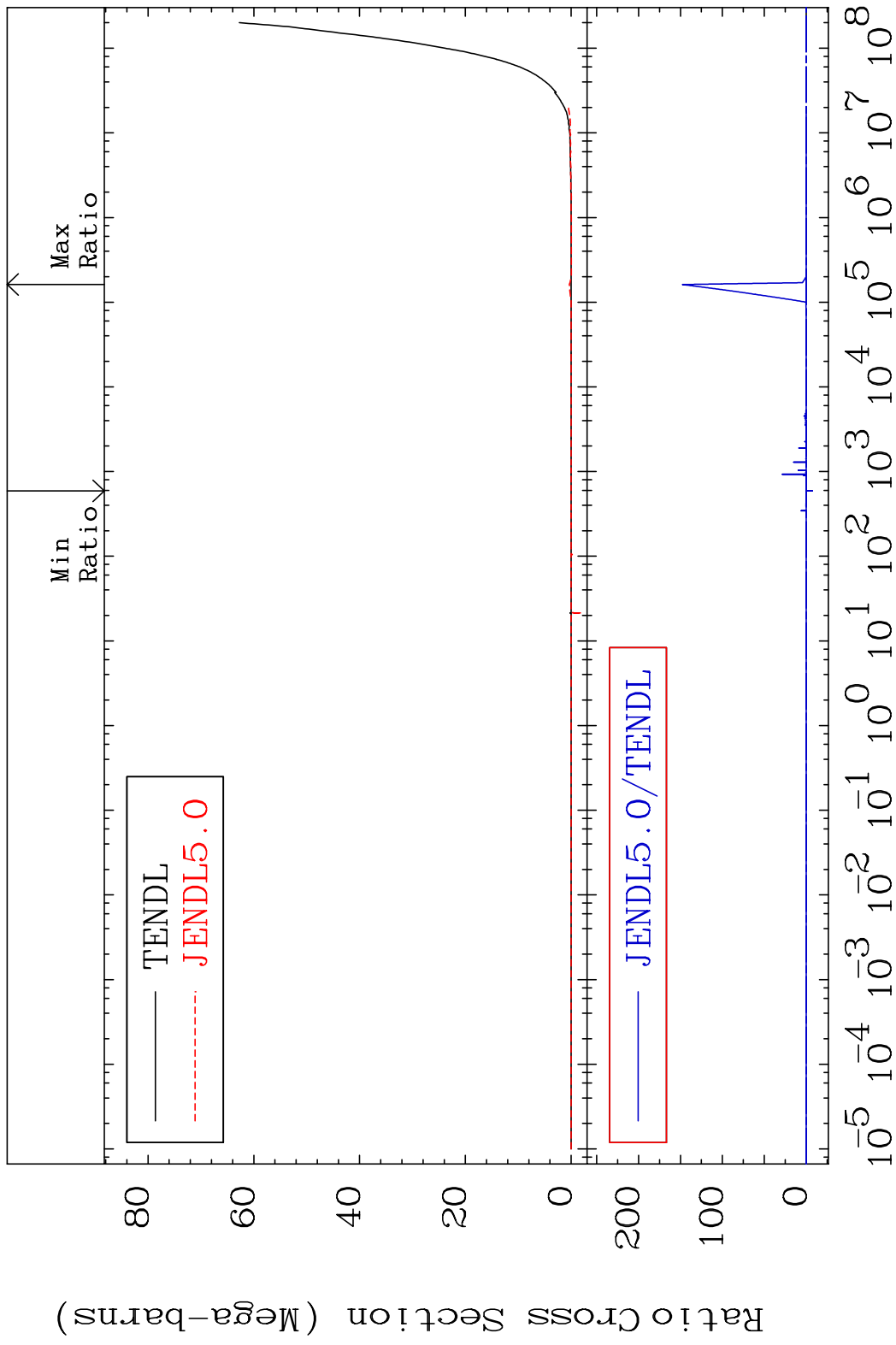


40

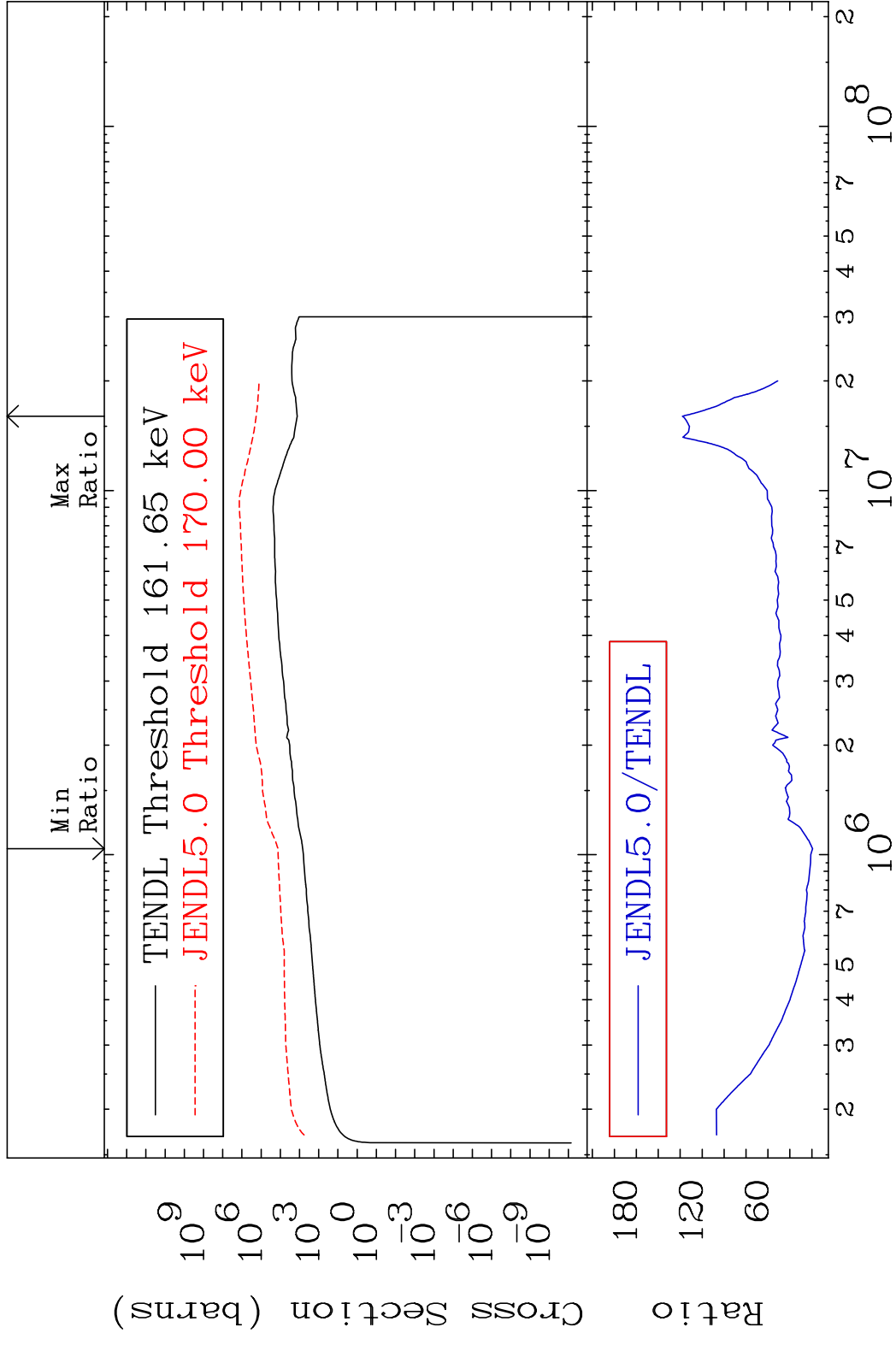
Incident Energy (eV)

51-Sb-123

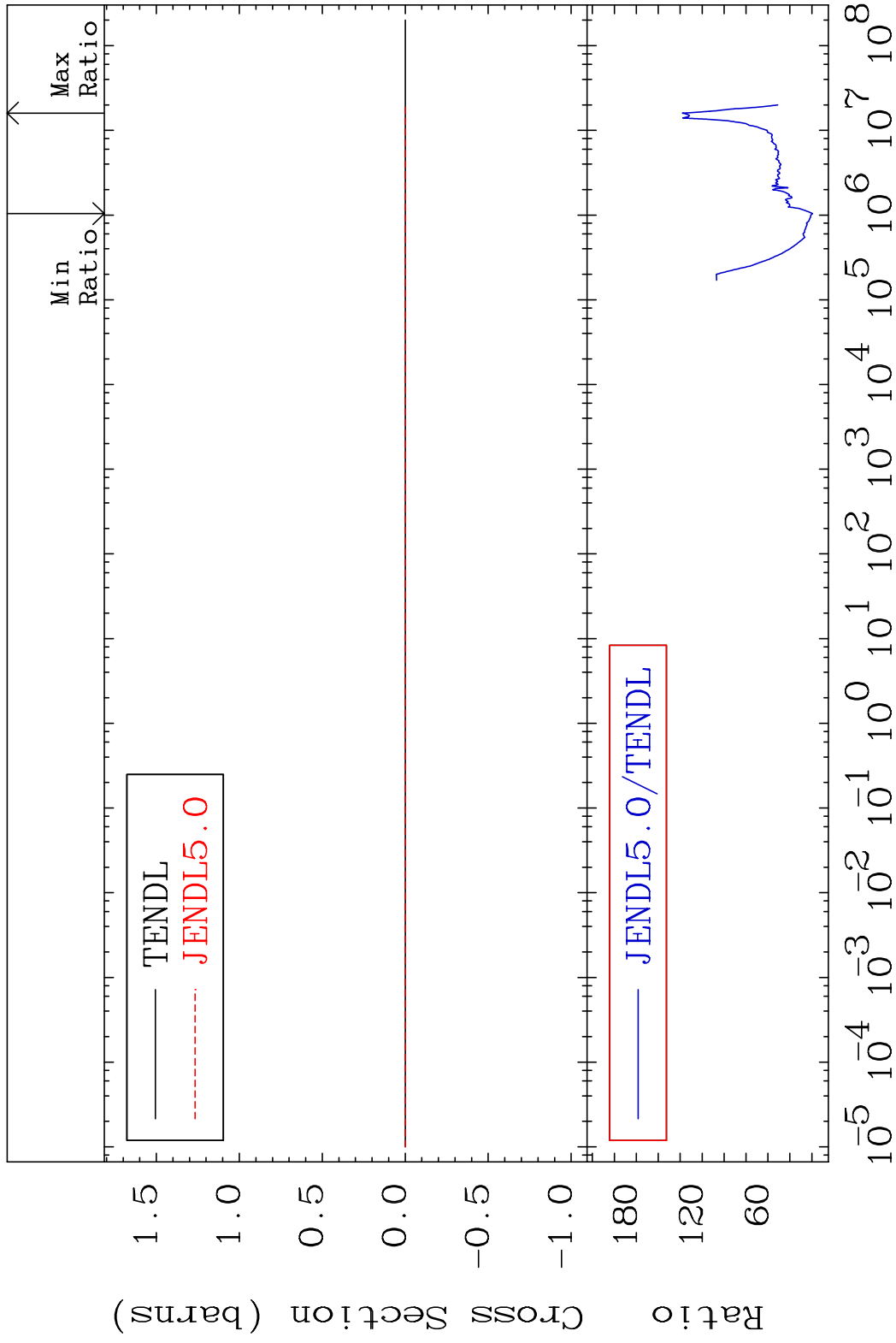
MAT 5131 Kerma non-elastic (all but mt2) 51-Sb-123
 Cross Section -9999. To 9999. %



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

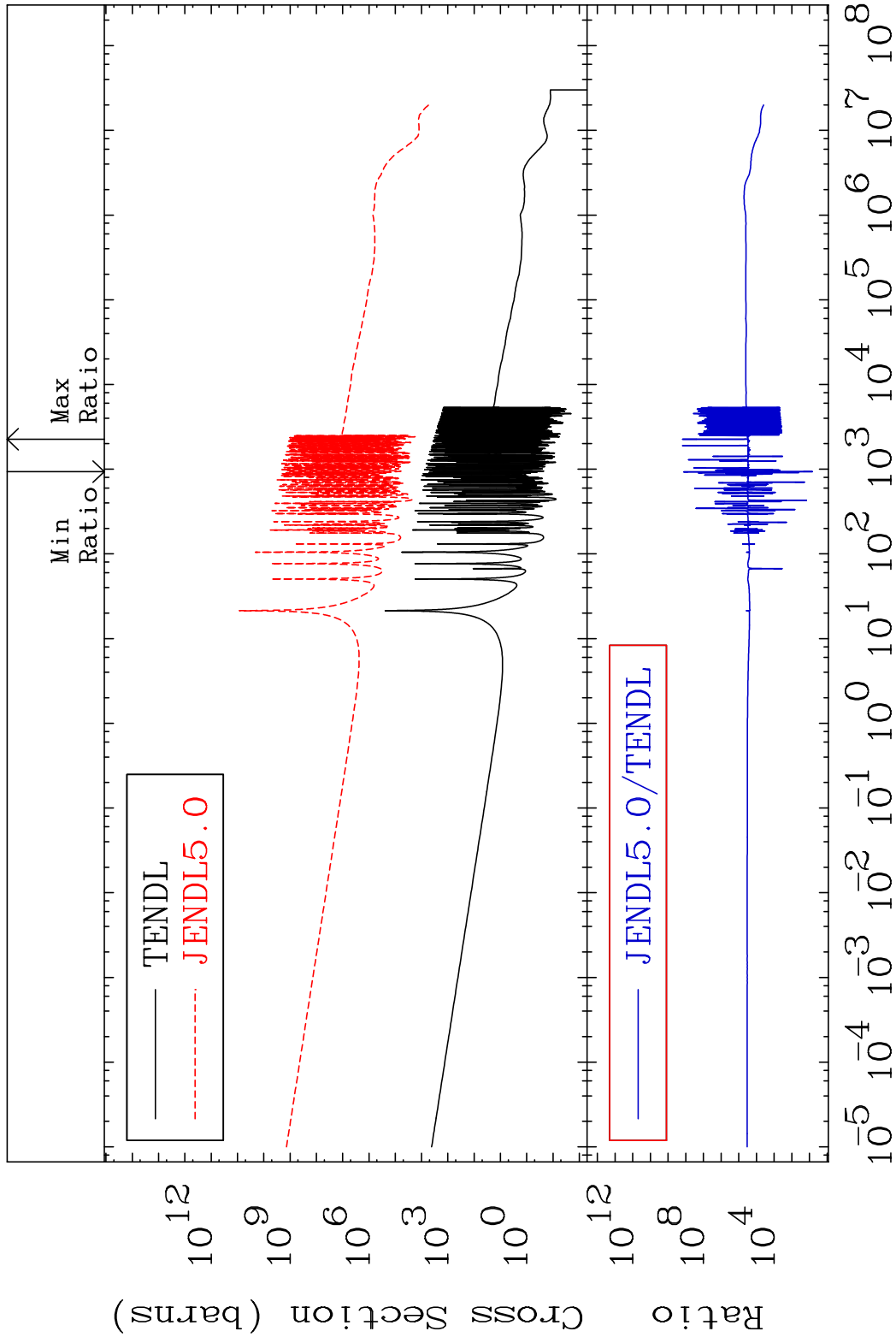


MAT 5131 Kerma fission (mt18 or mt19-20-21-38) 51-Sb-123
 Cross Section 1836. To 9999. %



MAT 5131

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

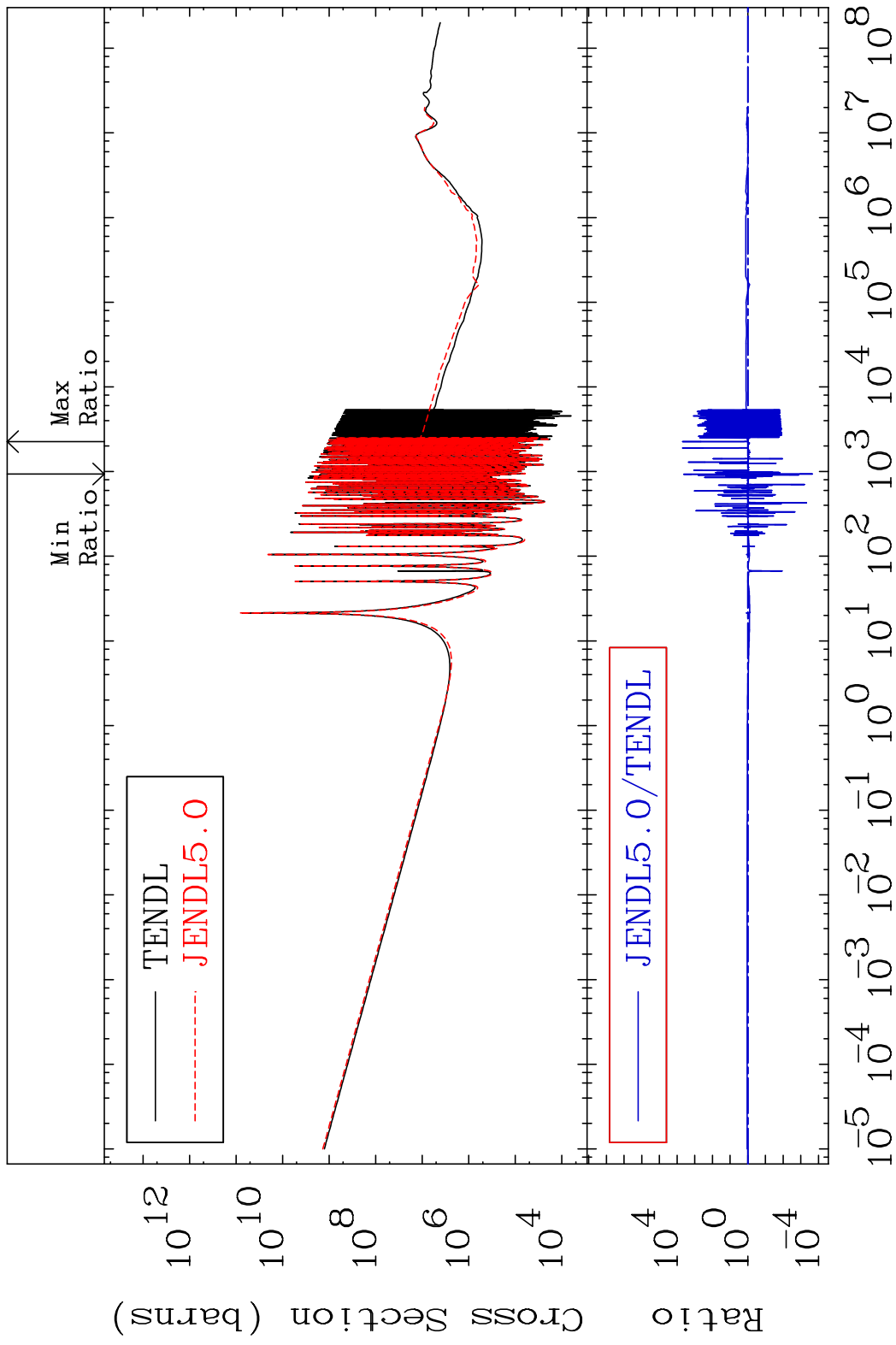


44

Incident Energy (eV)

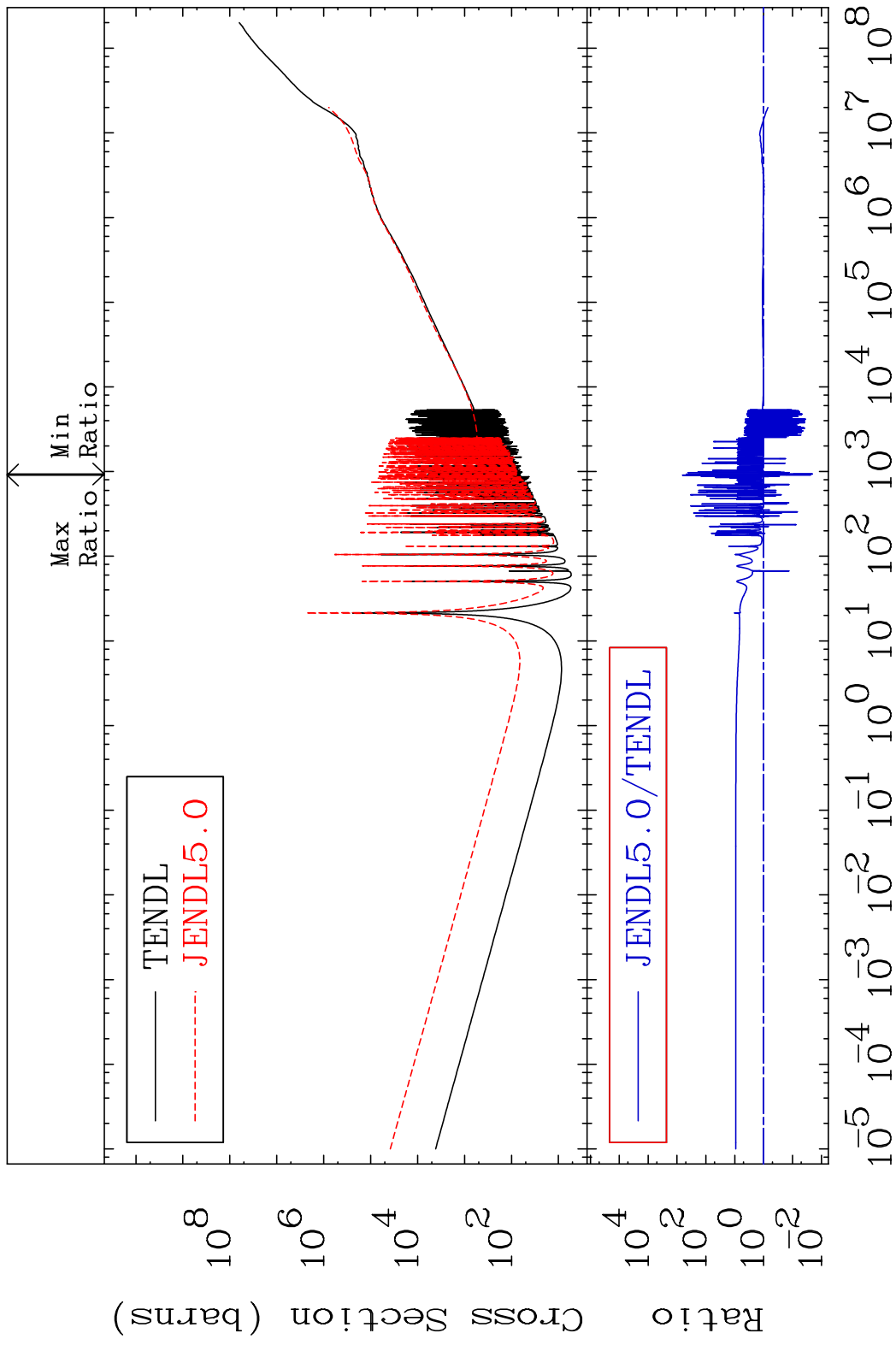
51-Sb-123

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. %

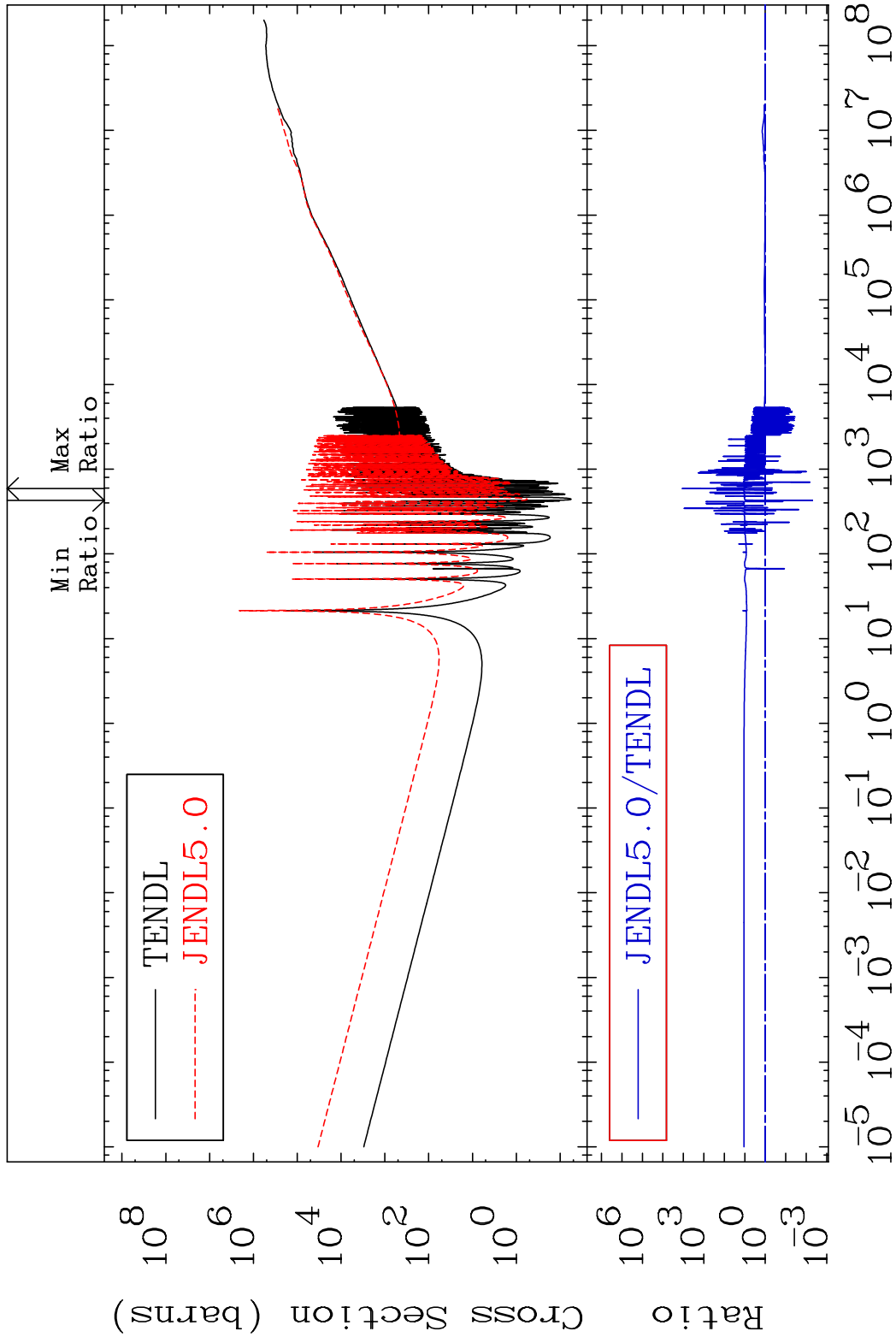


MAT 5131

Dpa total (eV-barns)

51-Sb-123

Cross Section -99.51 To 9999. %



47

Incident Energy (eV)

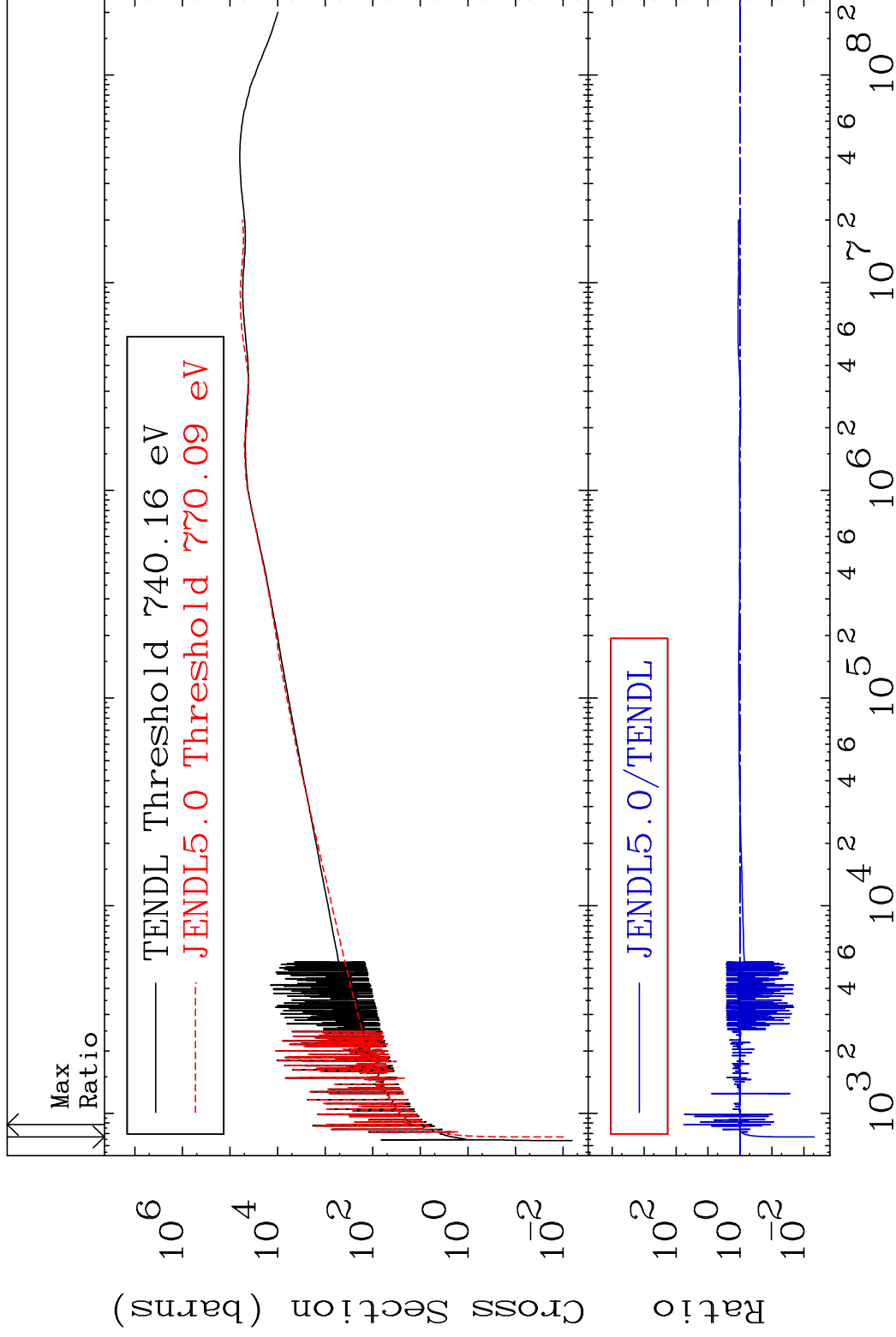
51-Sb-123

MAT 5131

Dpa elastic (mt2)

51-Sb-123

Cross Section -99.52 To 5681. %

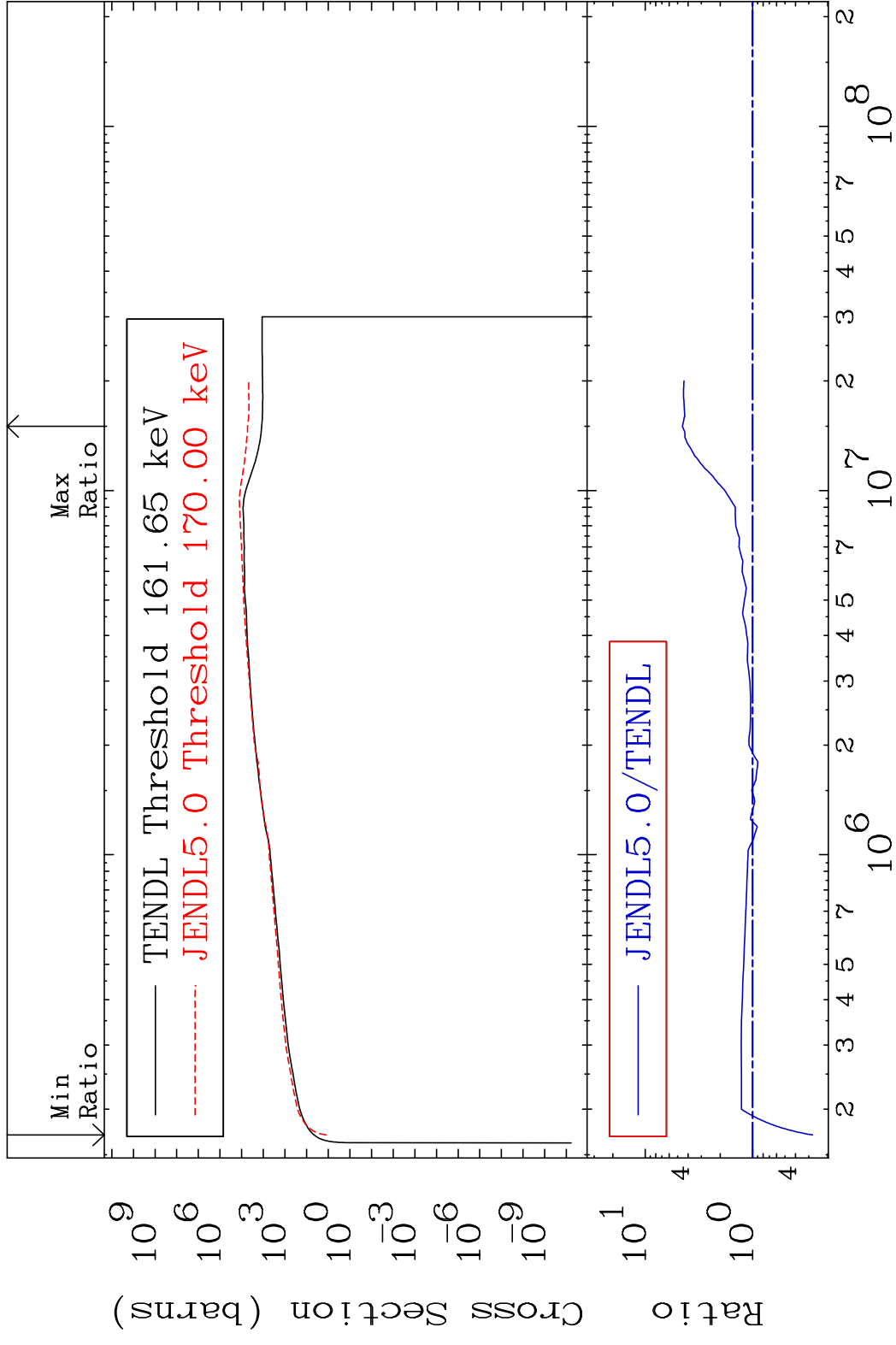


48

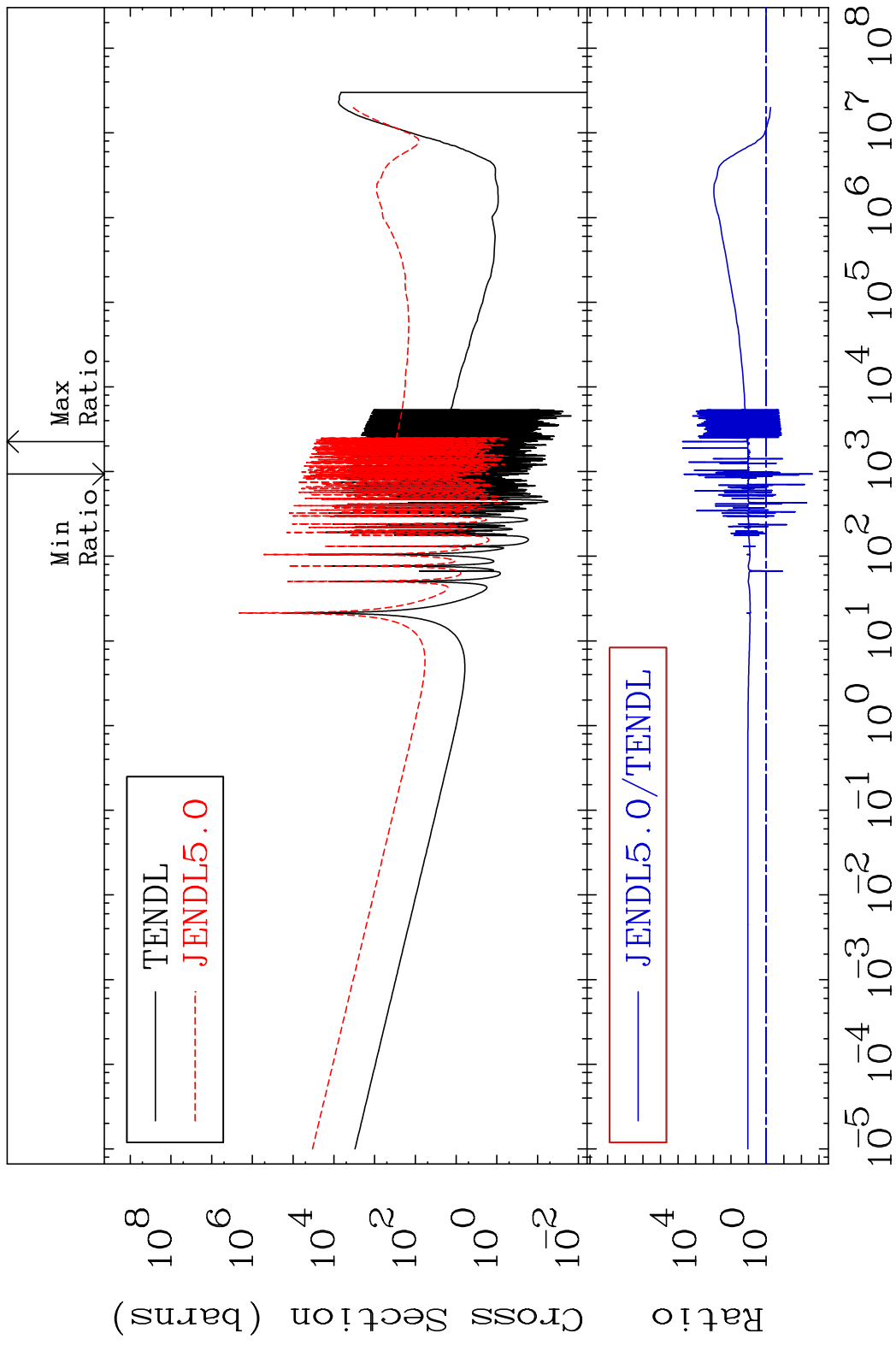
Incident Energy (eV)

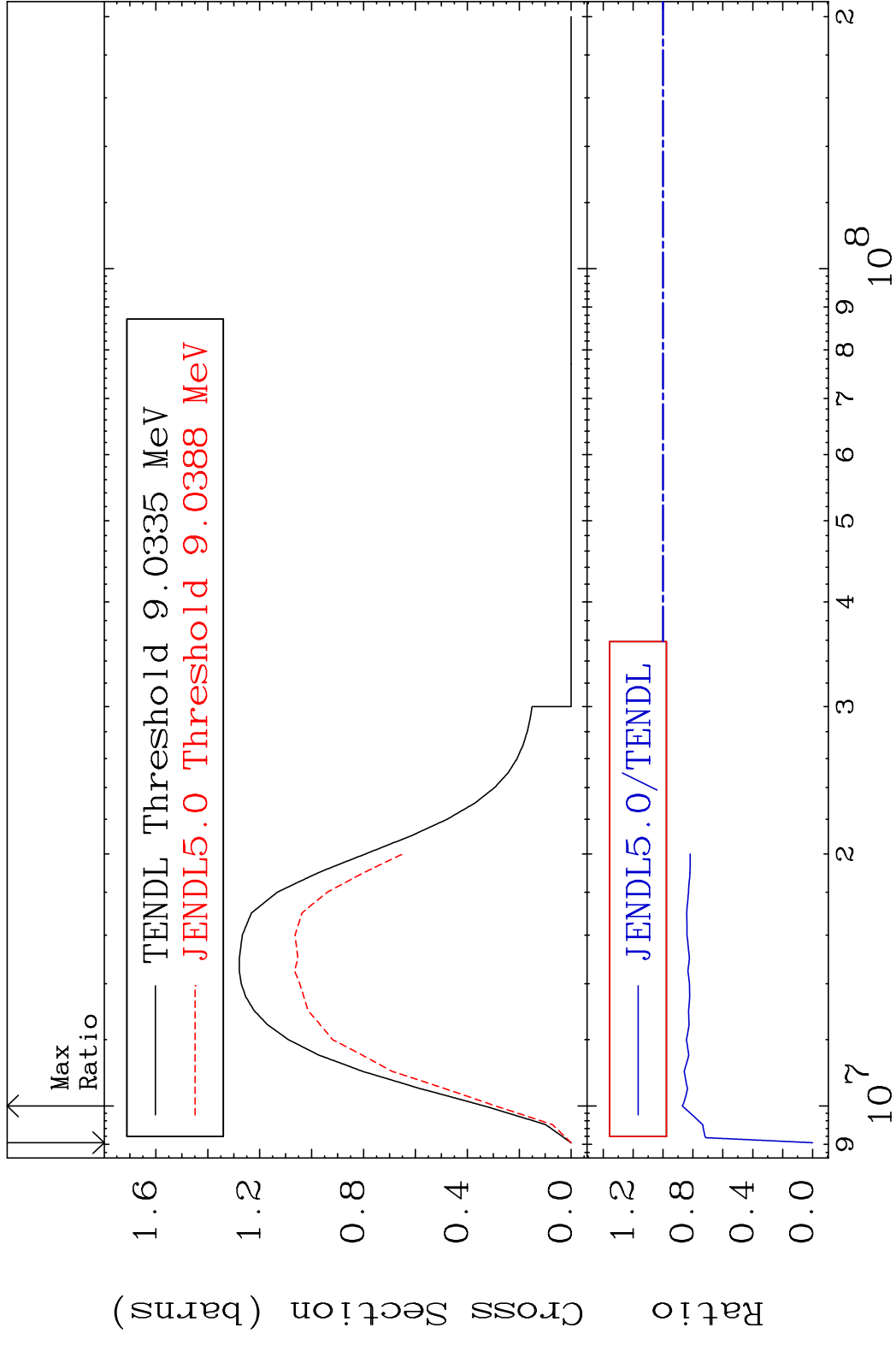
51-Sb-123

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

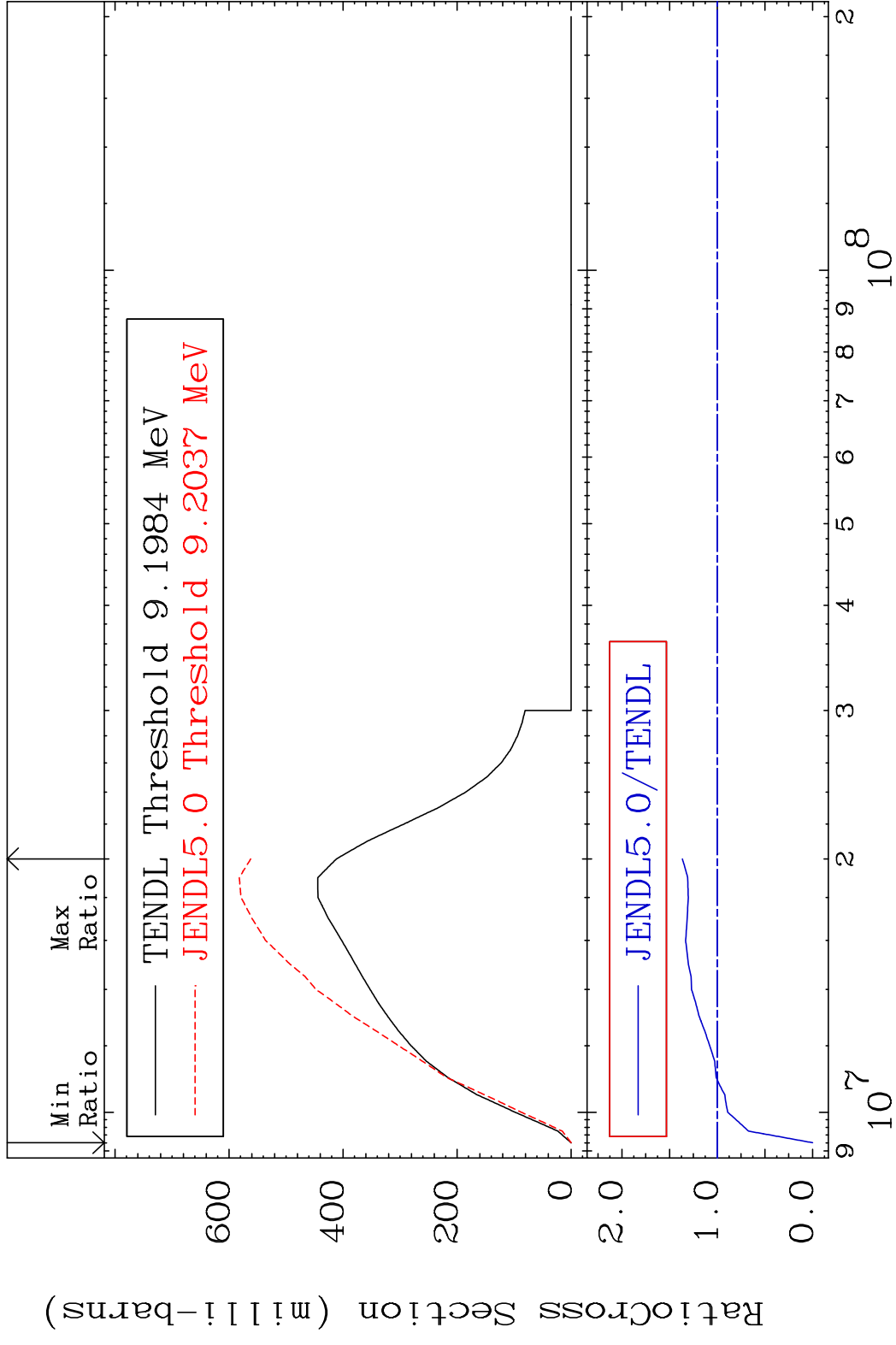


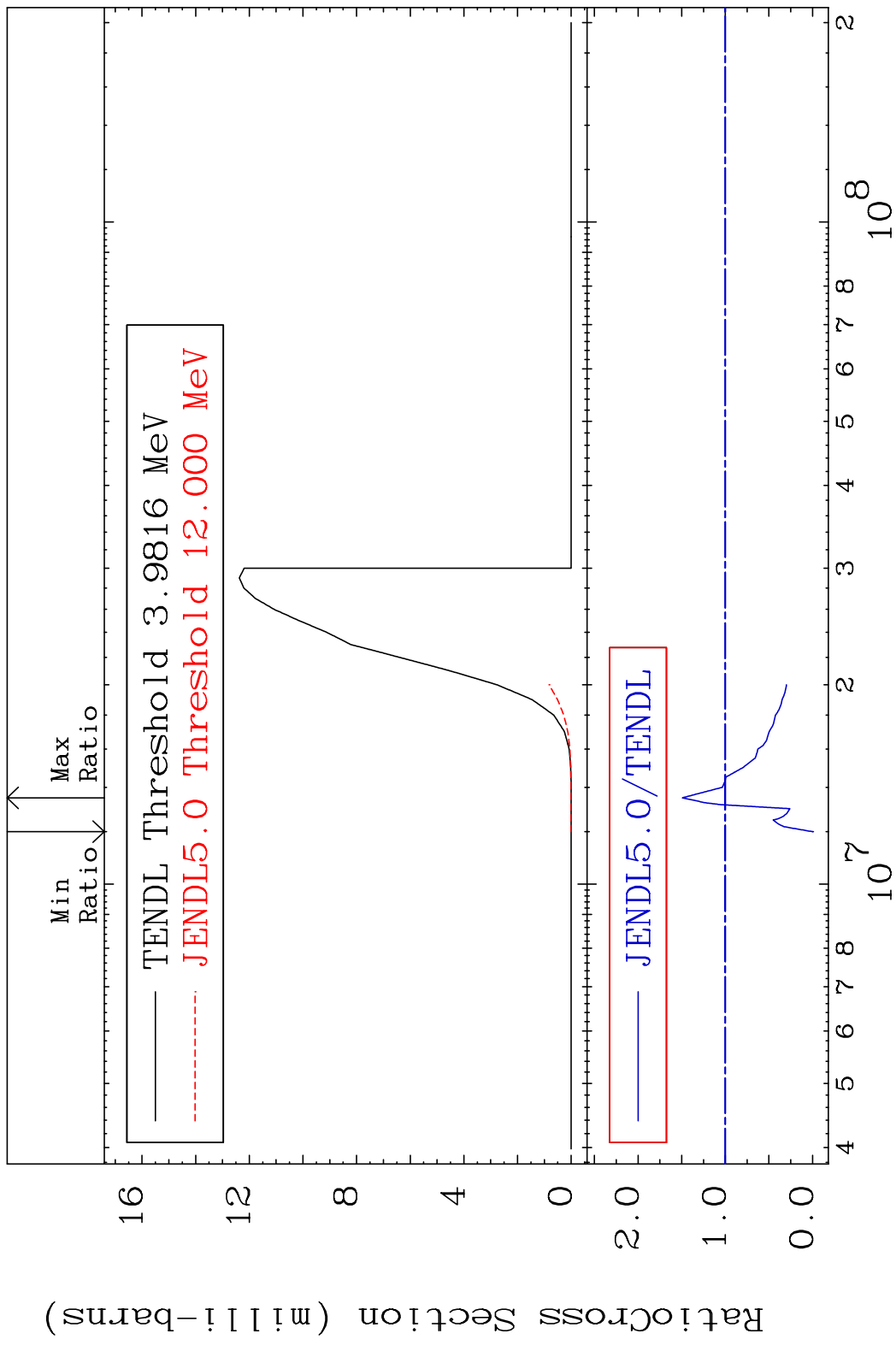
MAT 5131 Dpa disappearance (mt102 -120) 51-Sb-123
 Cross Section -99.77 To 9999. %

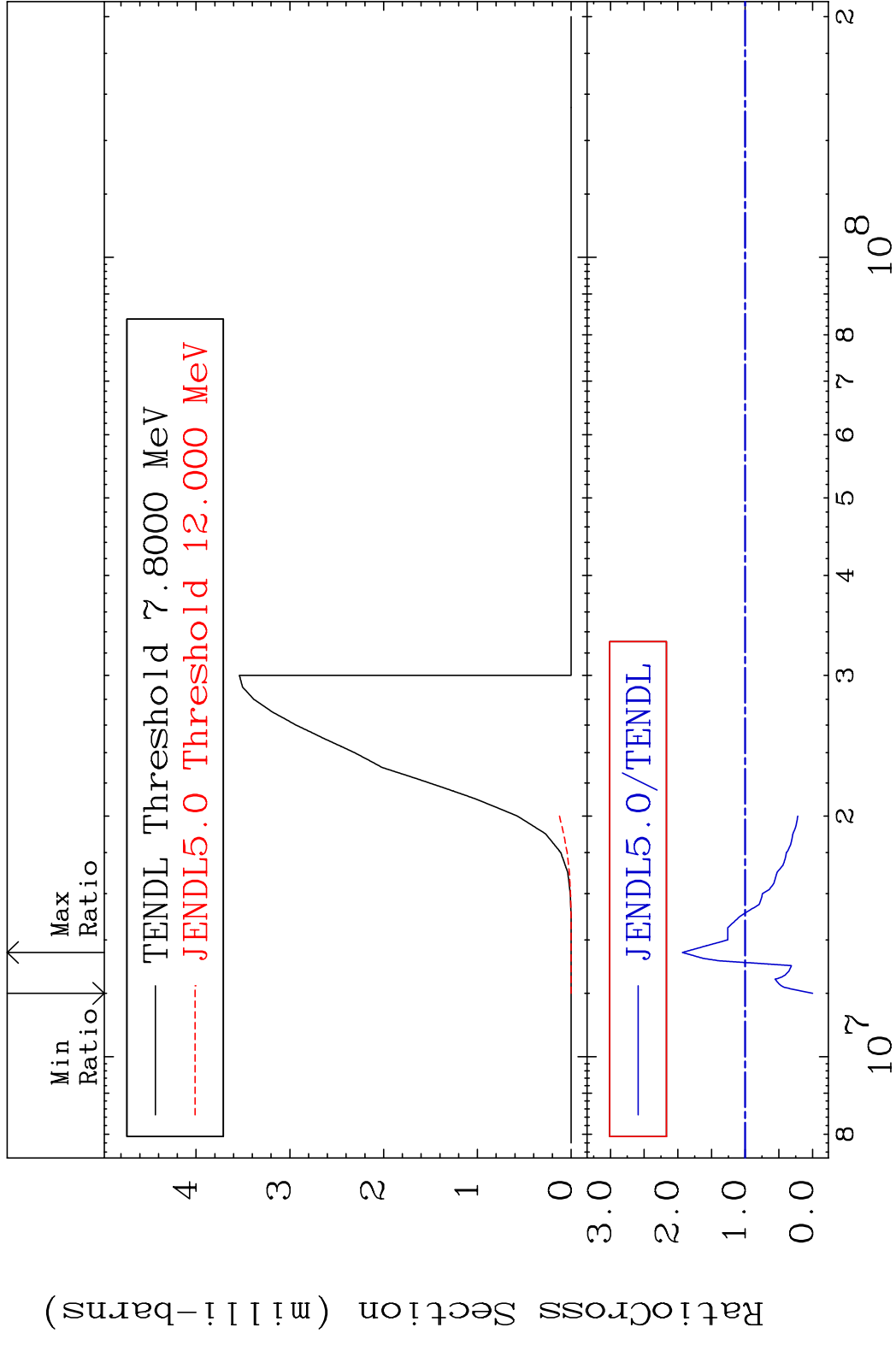


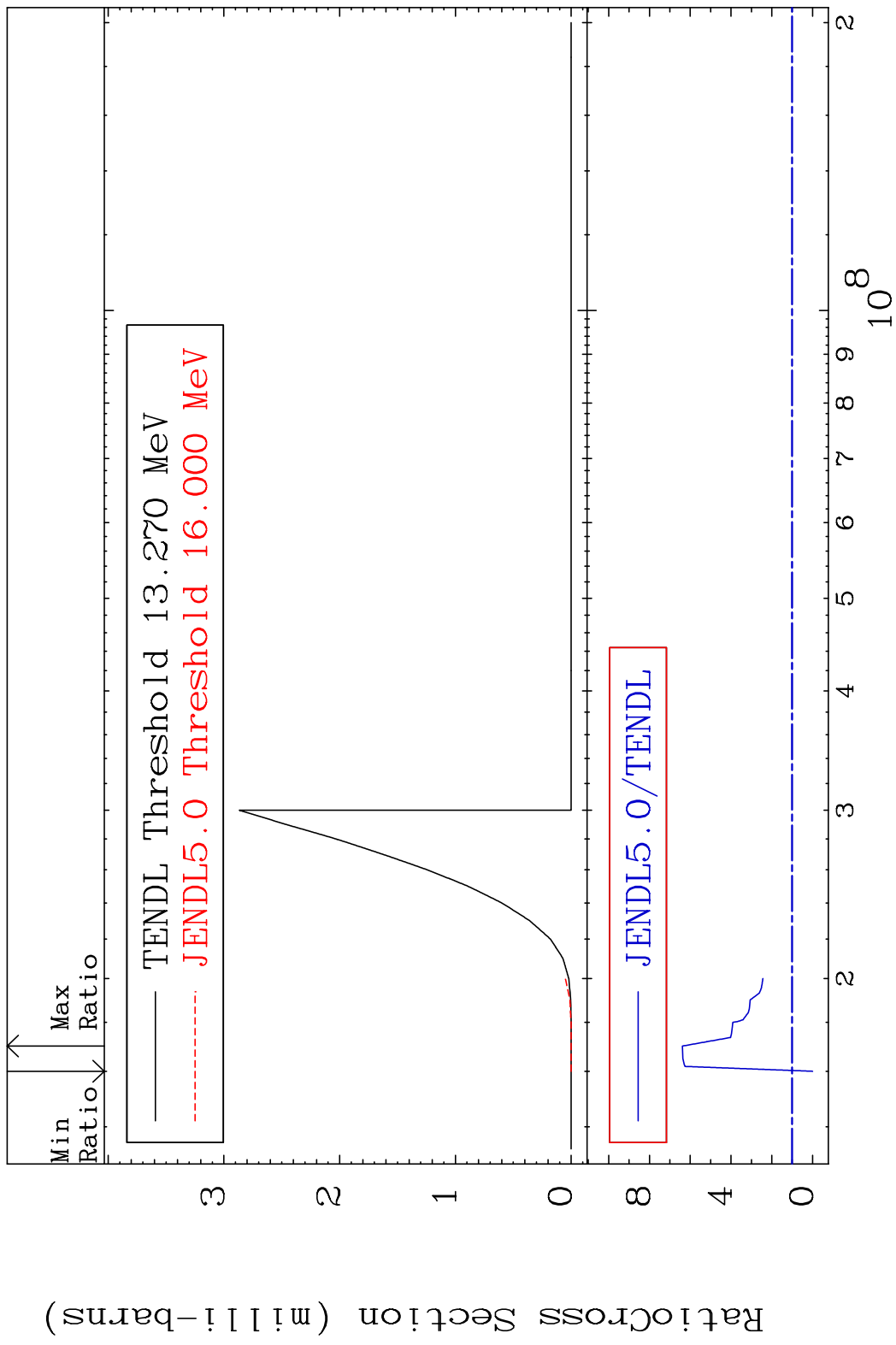


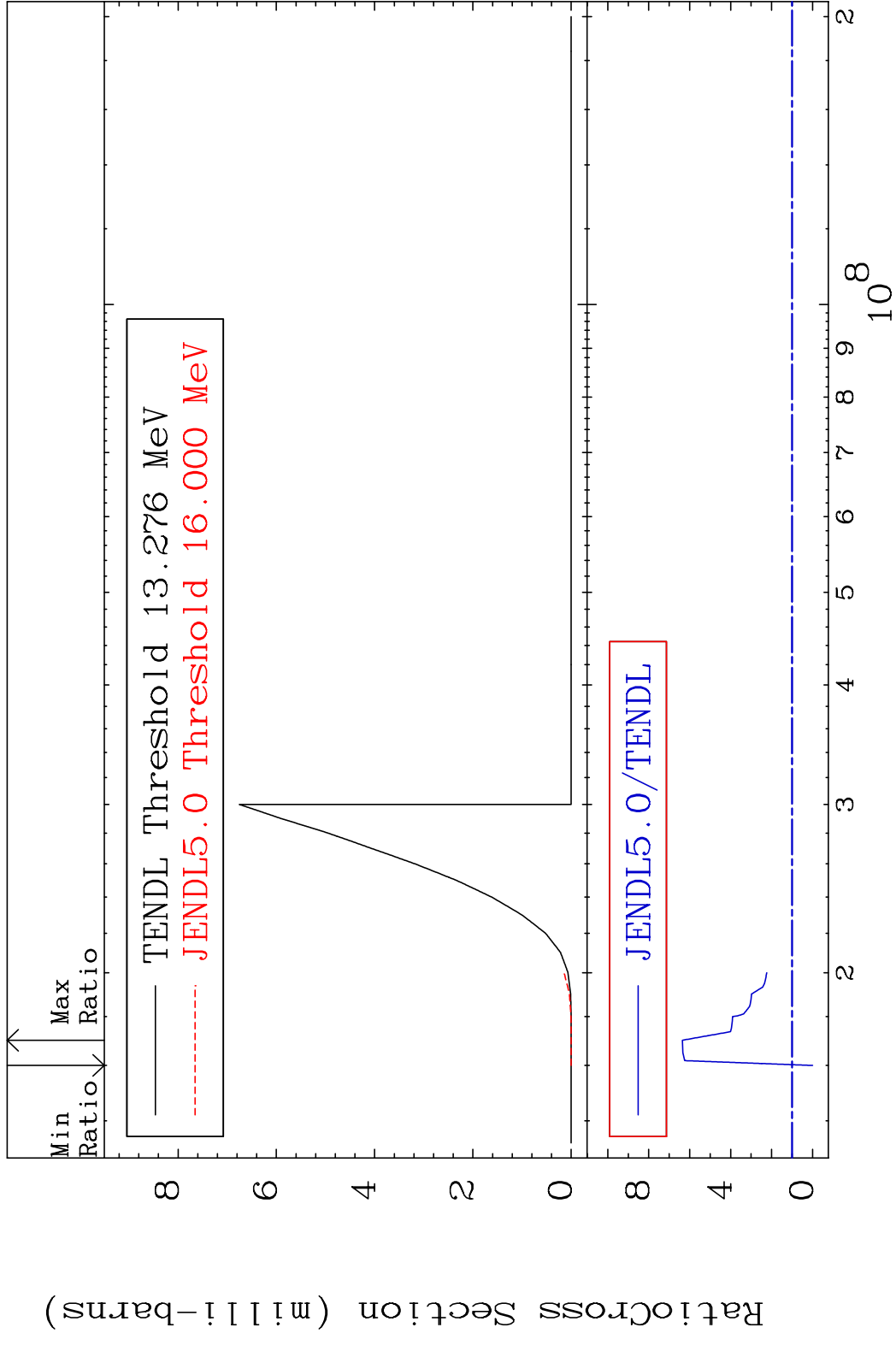
MAT 5131 (n,2n):51-Sb-122m5 51-Sb-123
 Radionuclide Production Cross Section 36.54 %

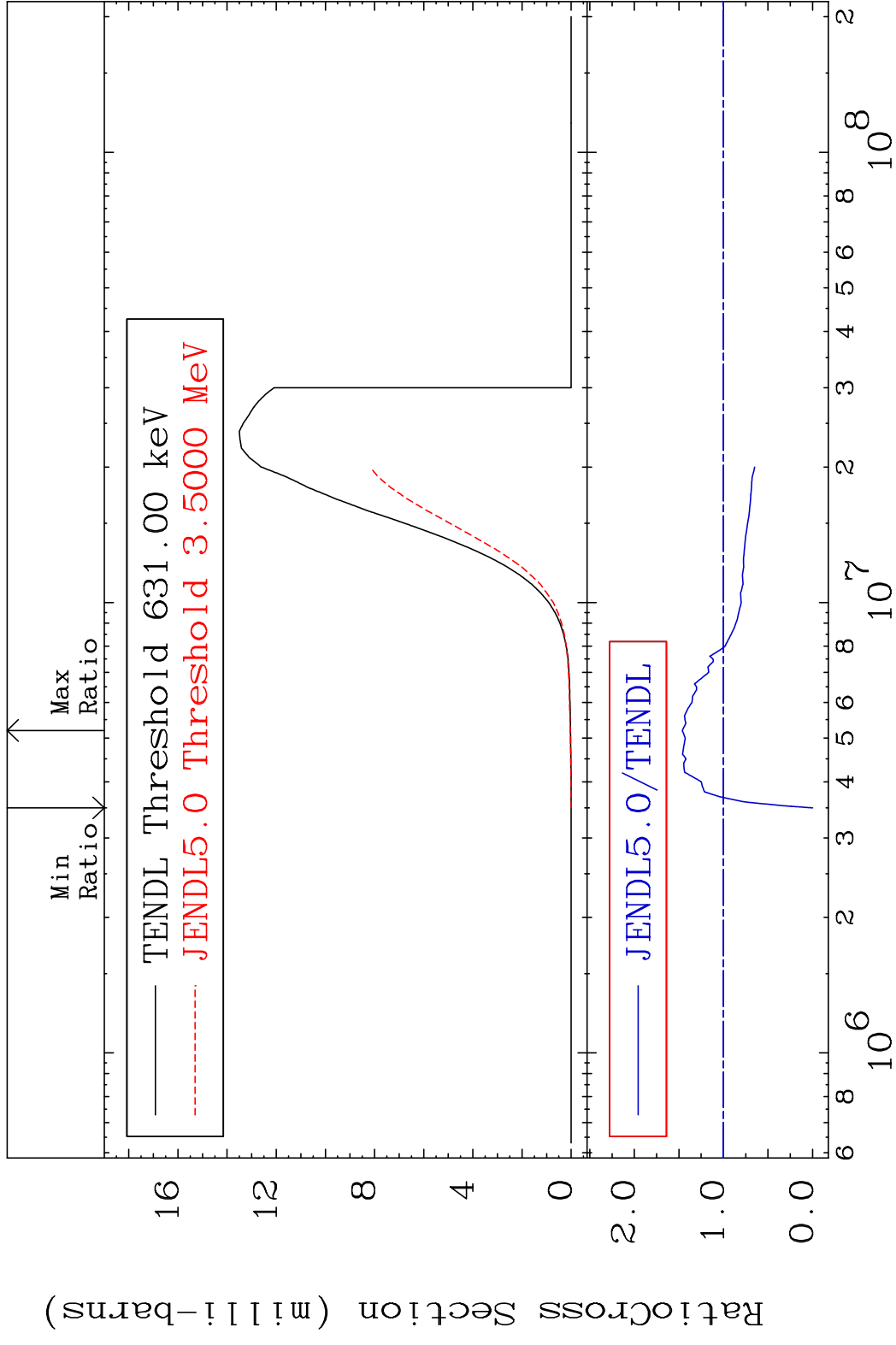


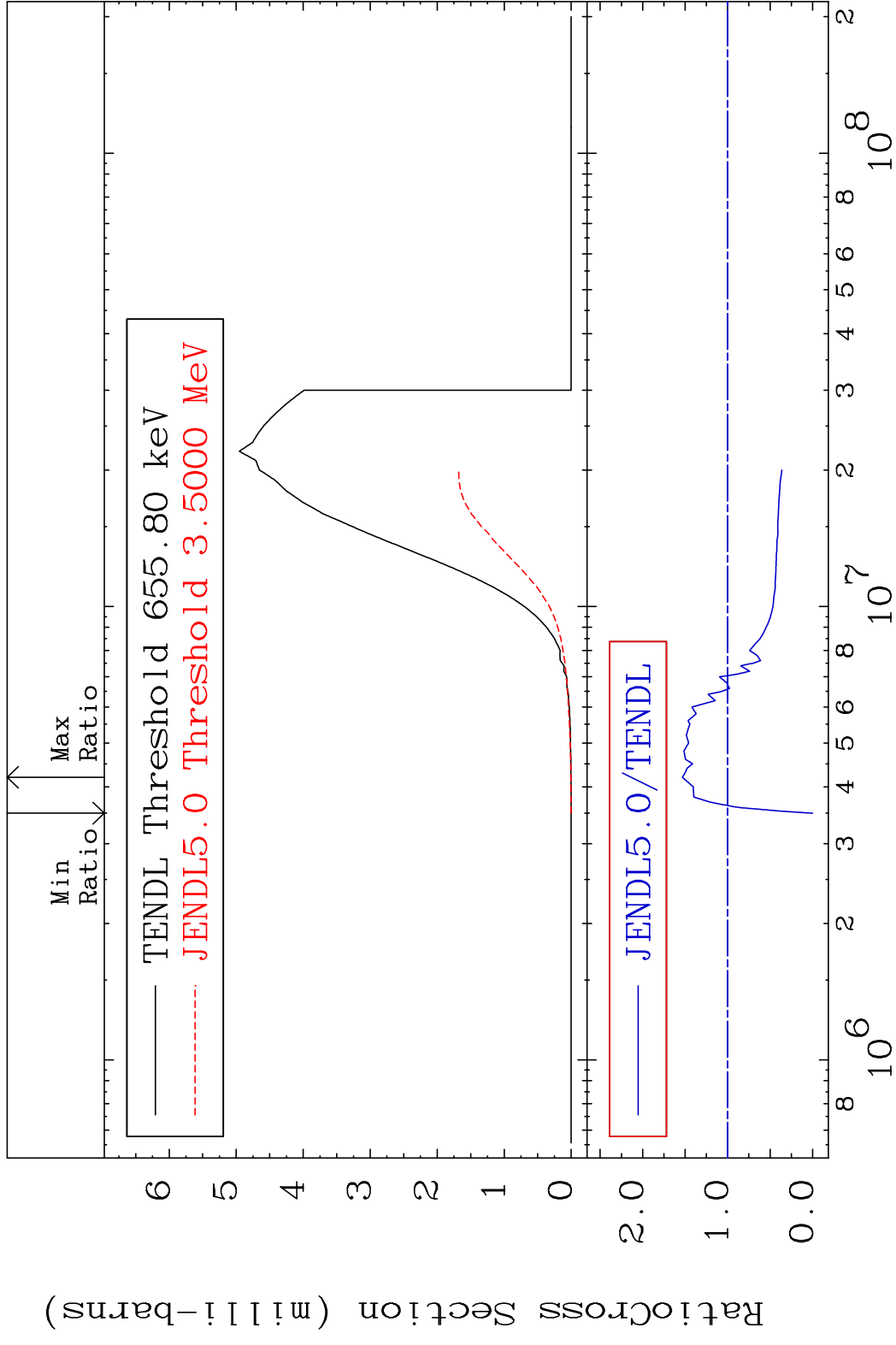


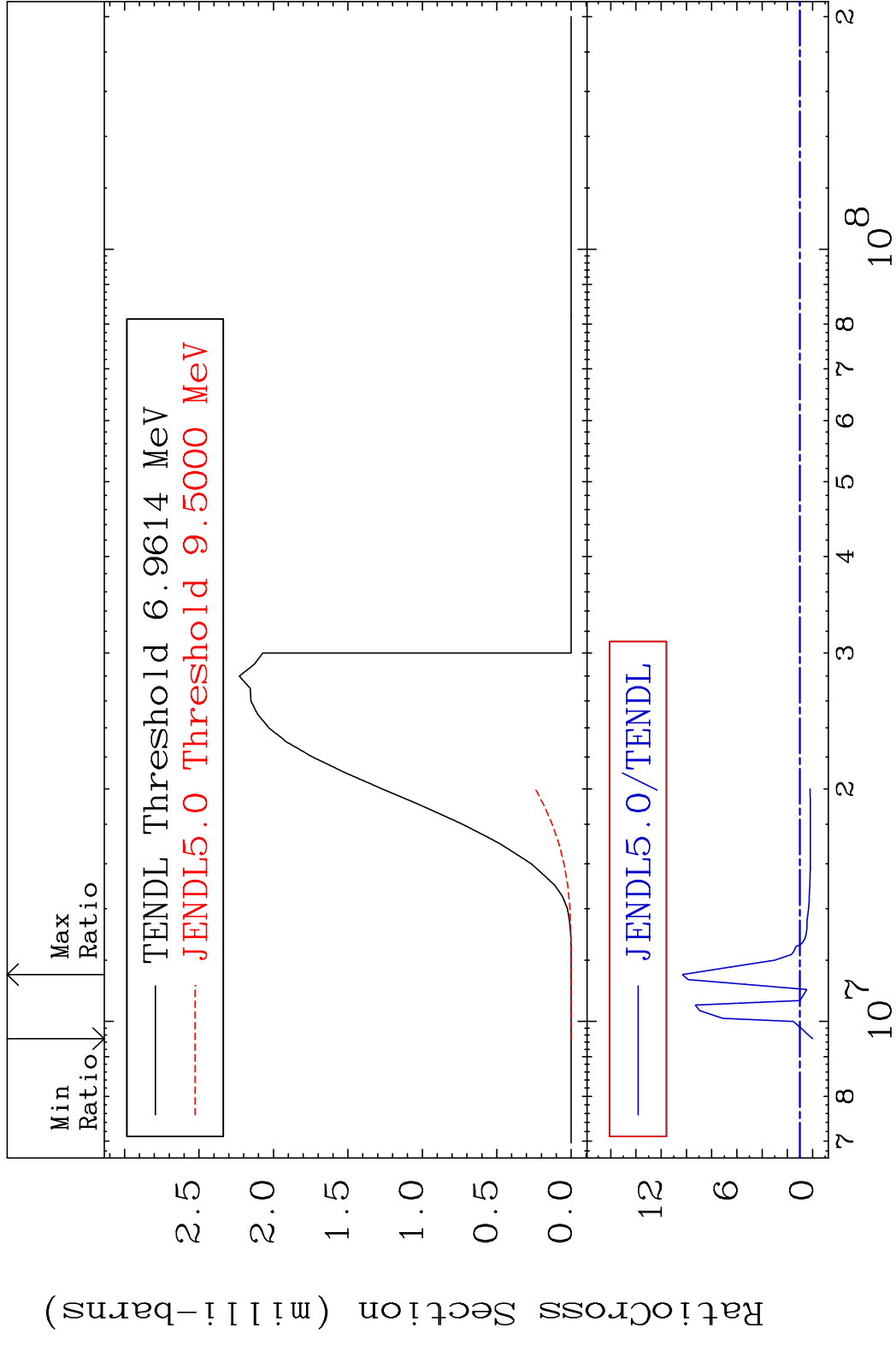


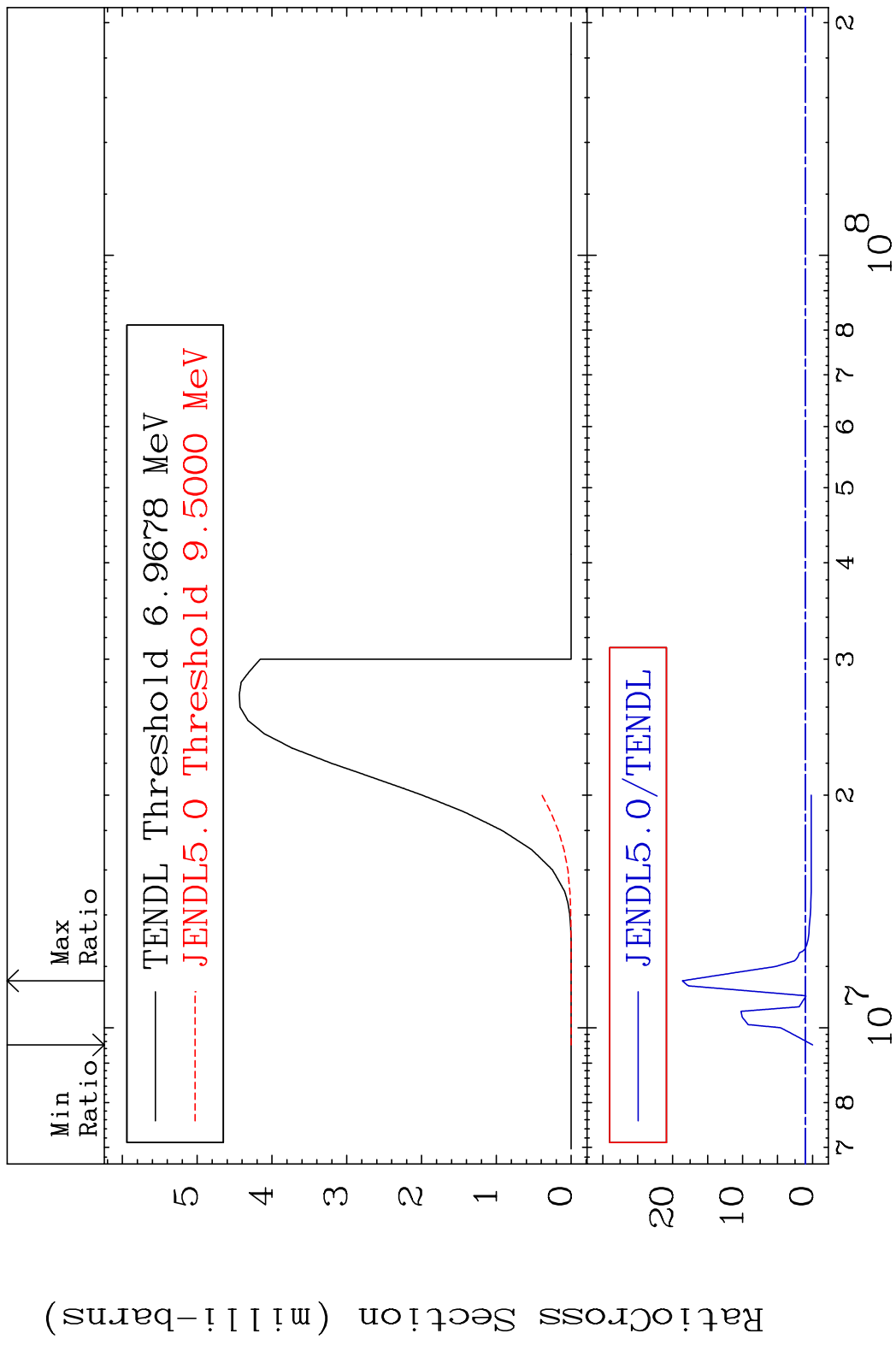


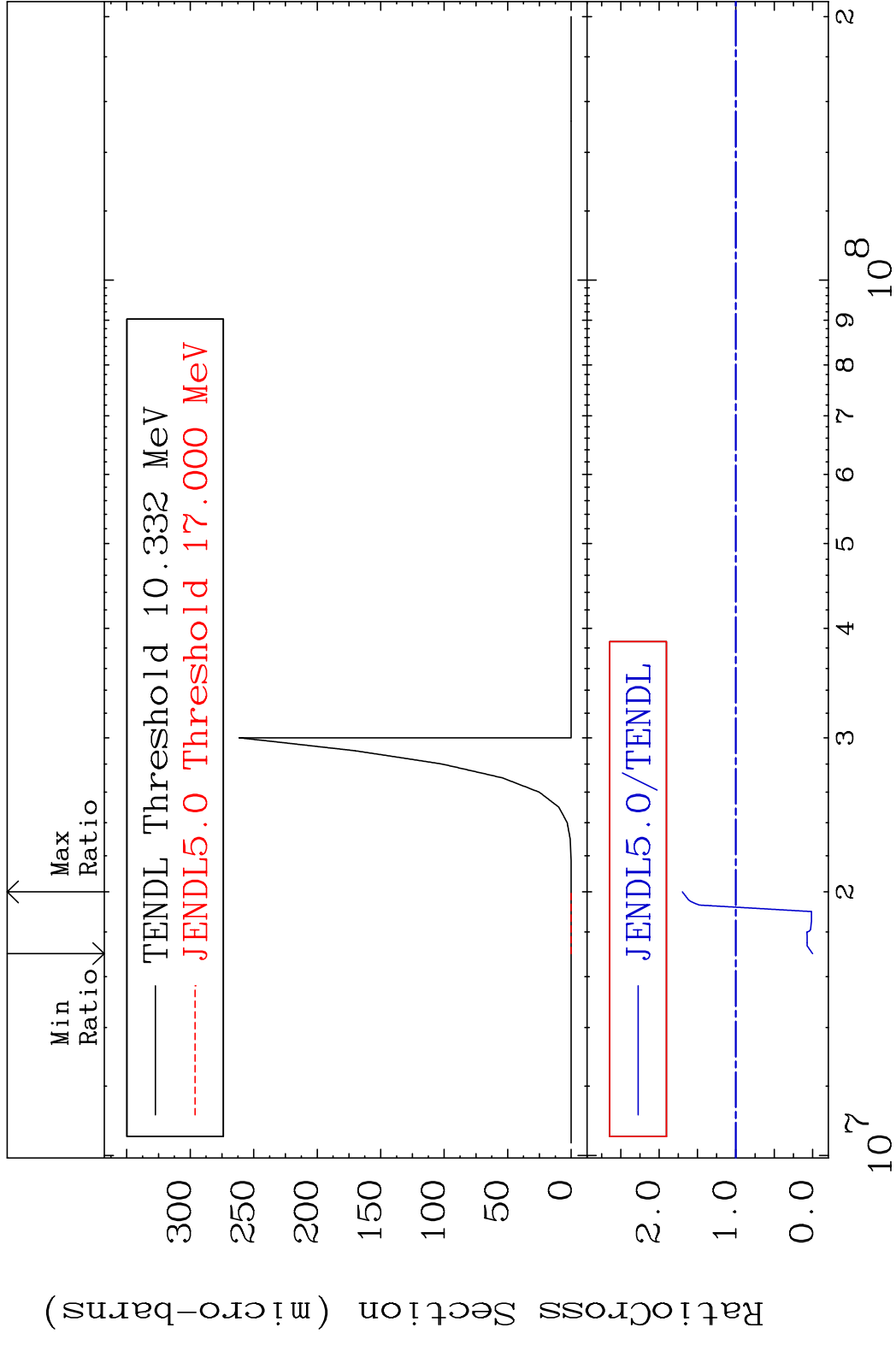


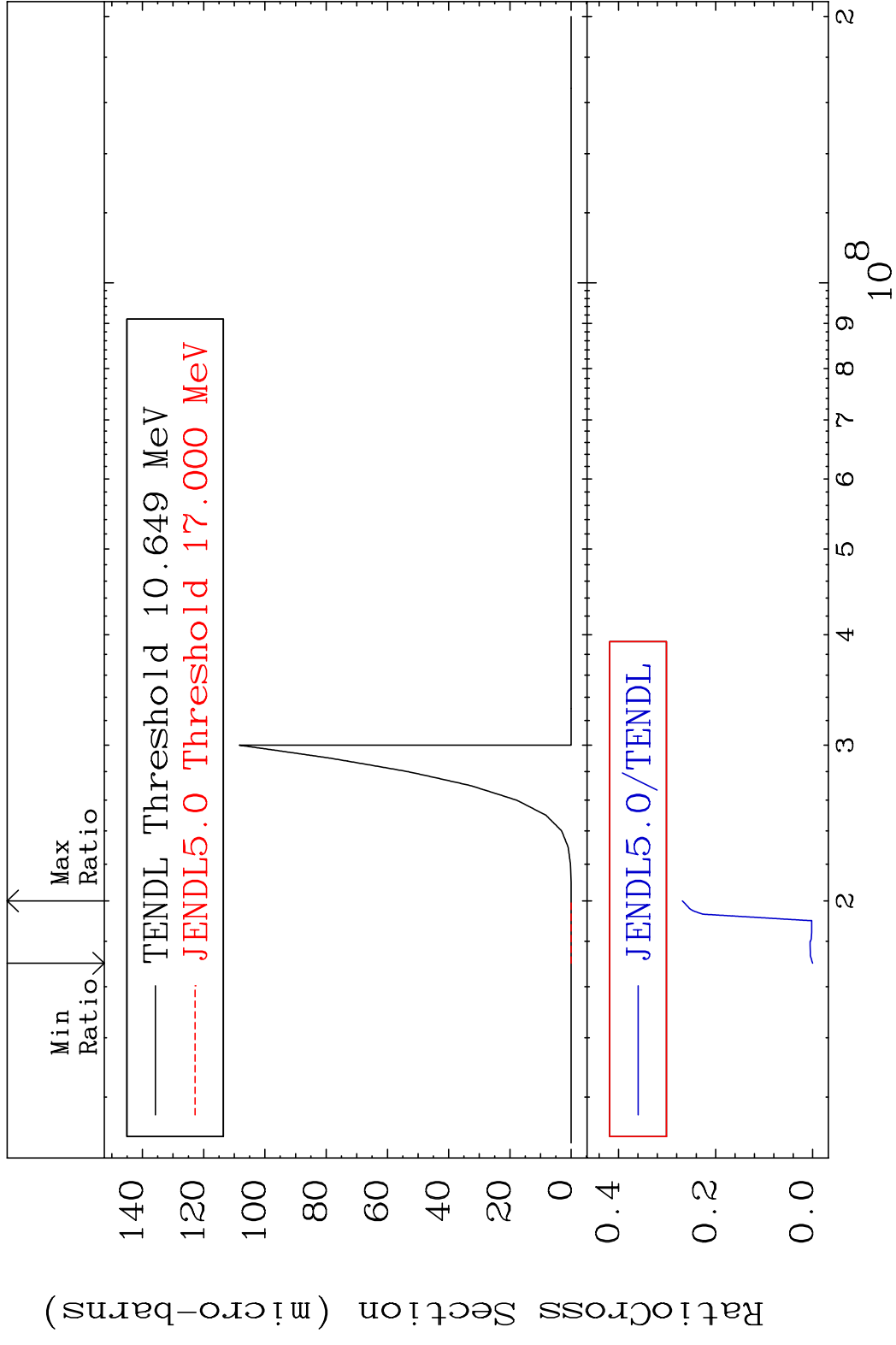










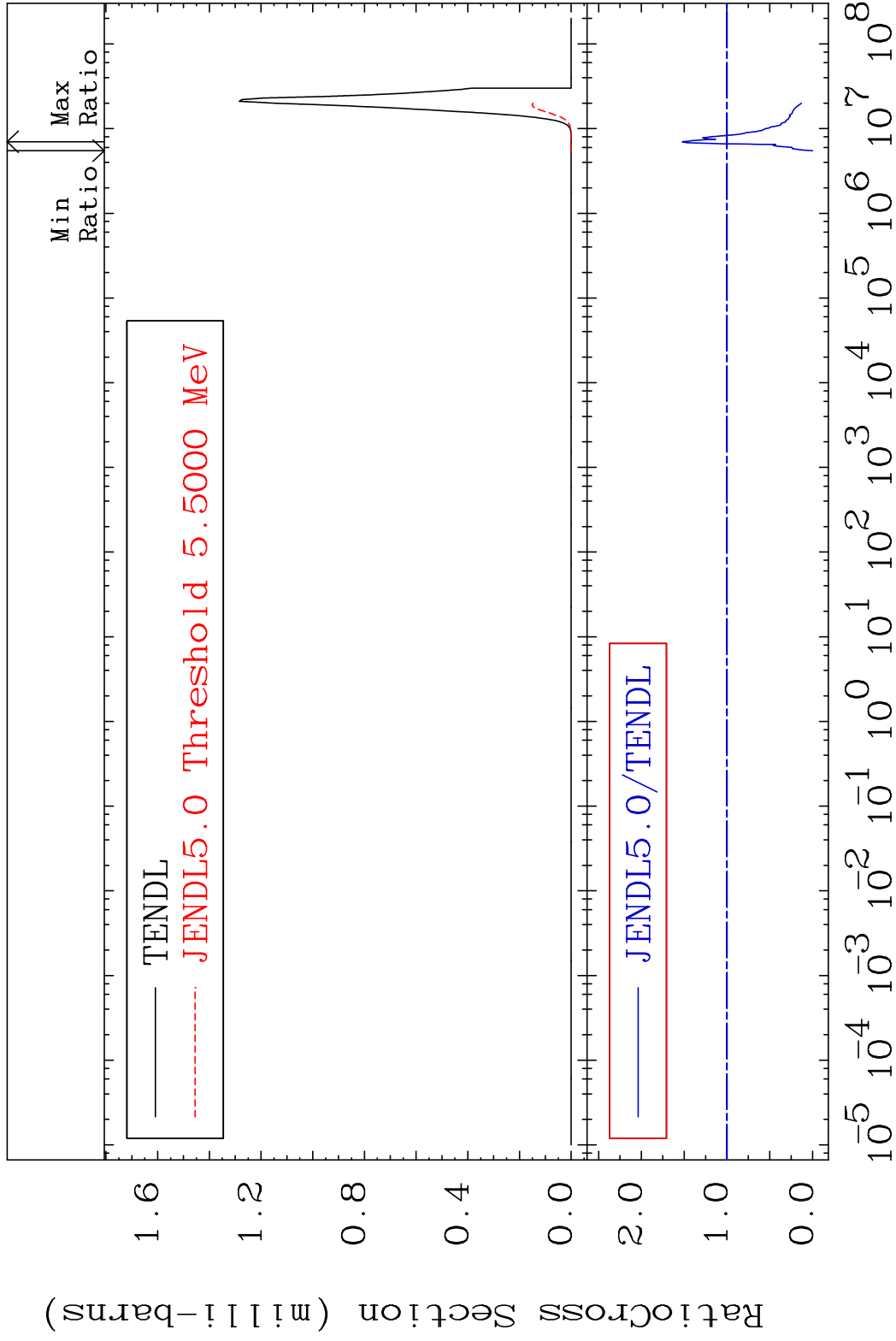


MAT 5131

(n, α): 49-In-120g

51-Sb-123

Radionuclide Production Cross Section Ratio 52.13 %

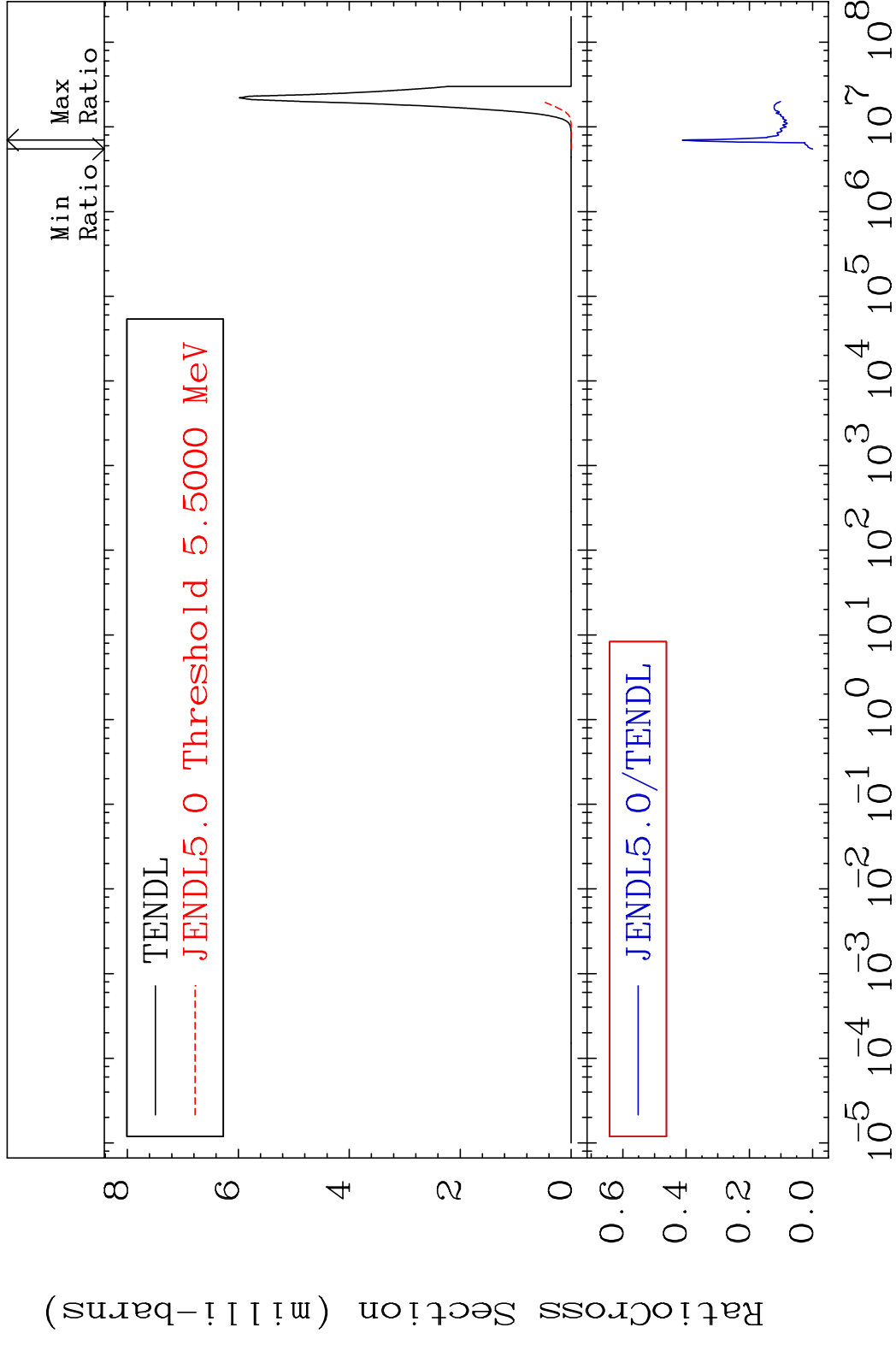


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Incident Energy (eV)

51-Sb-123

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

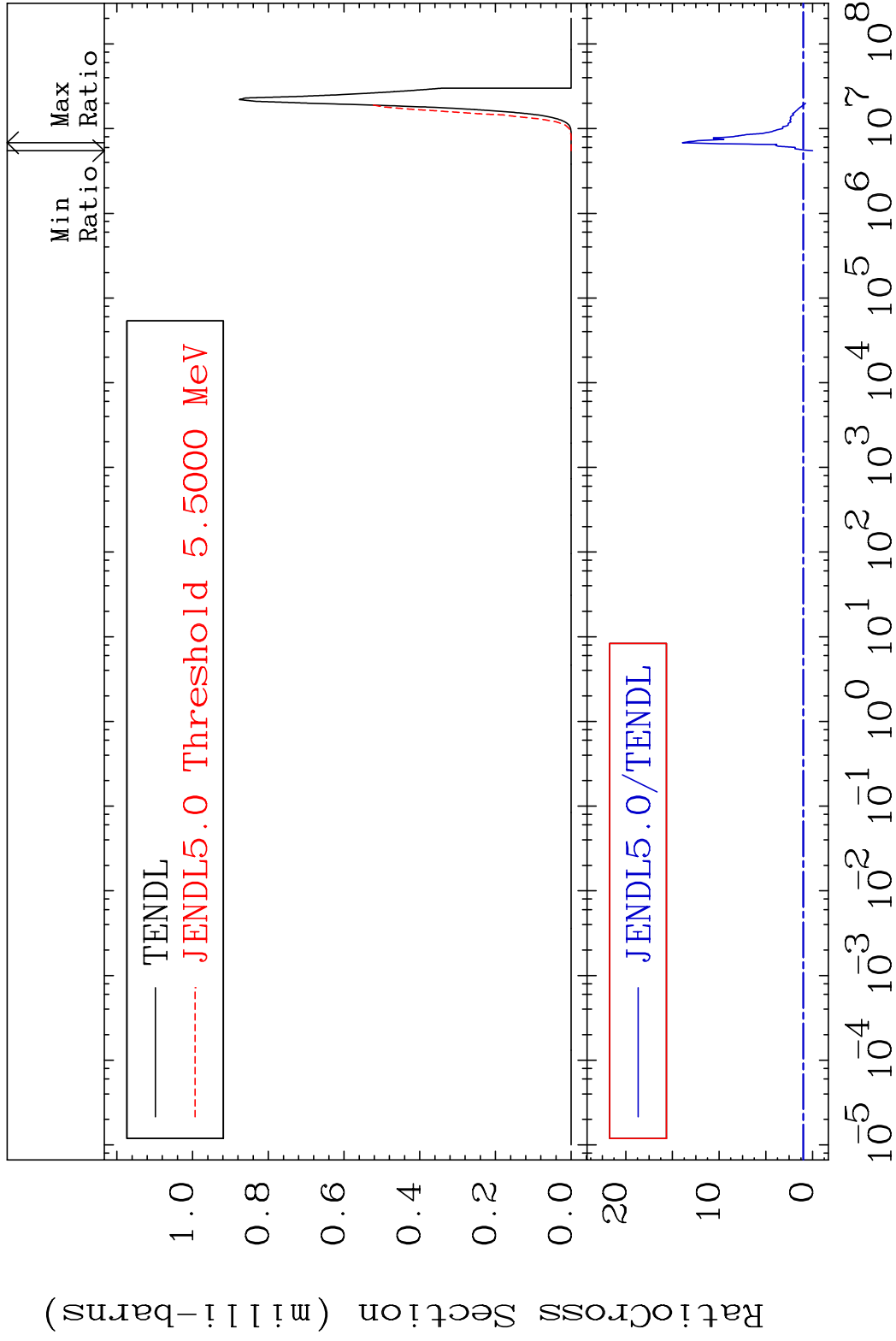


MAT 5131

(n, α): 49-In-120m2

51-Sb-123

Radionuclide Production Cross Section 180.0 mb to 1294. %



65

Incident Energy (eV)

51-Sb-123