

Program Complot
(Version 2021-1)

by

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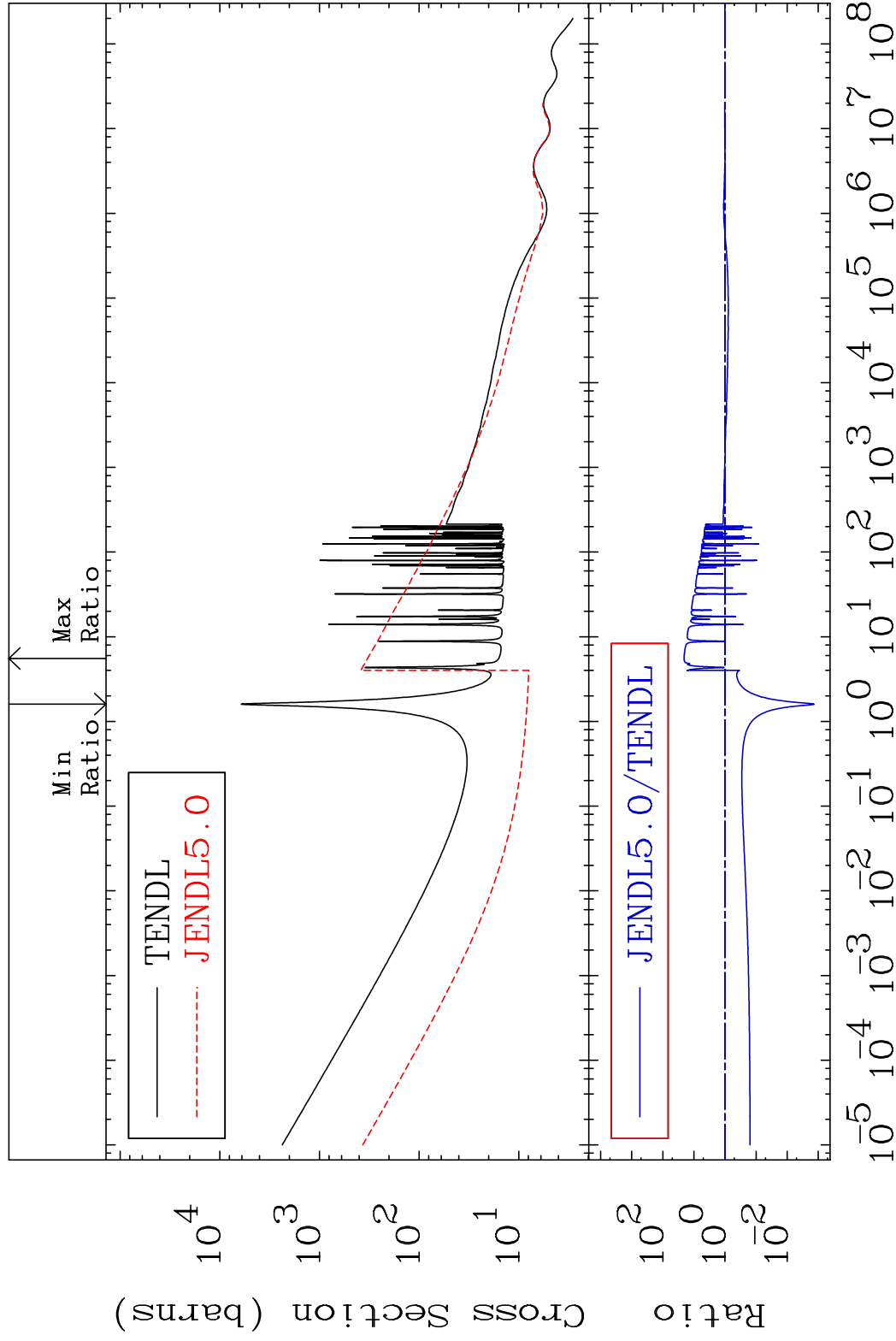
Press Mouse Button to Start

MAT 7834

Total

78-Pt-193

Cross Section -99.87 To 1969. %



1

Incident Energy (eV)

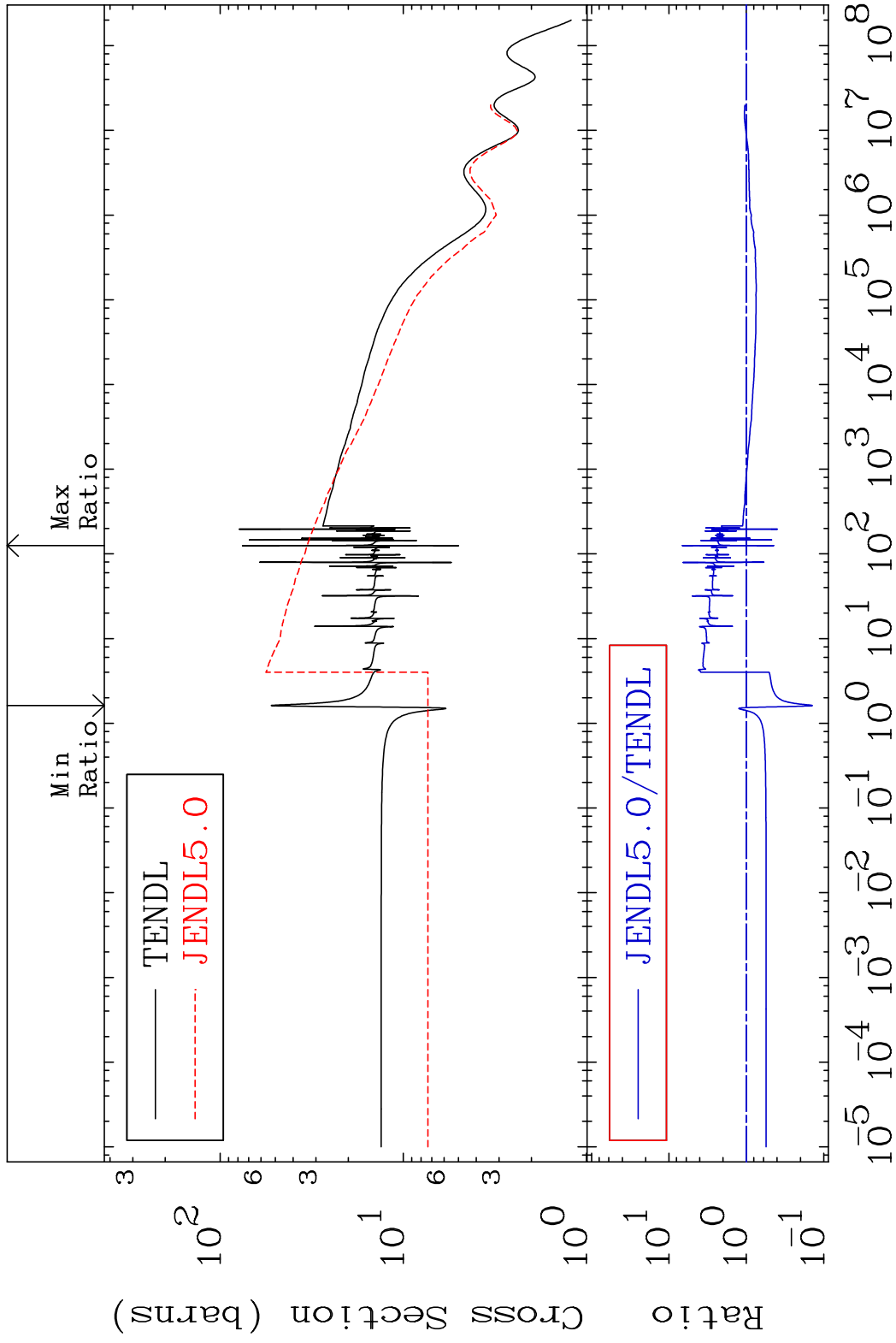
78-Pt-193

MAT 7834

Elastic

78-Pt-193

Cross Section -86.06 To 572.0 %

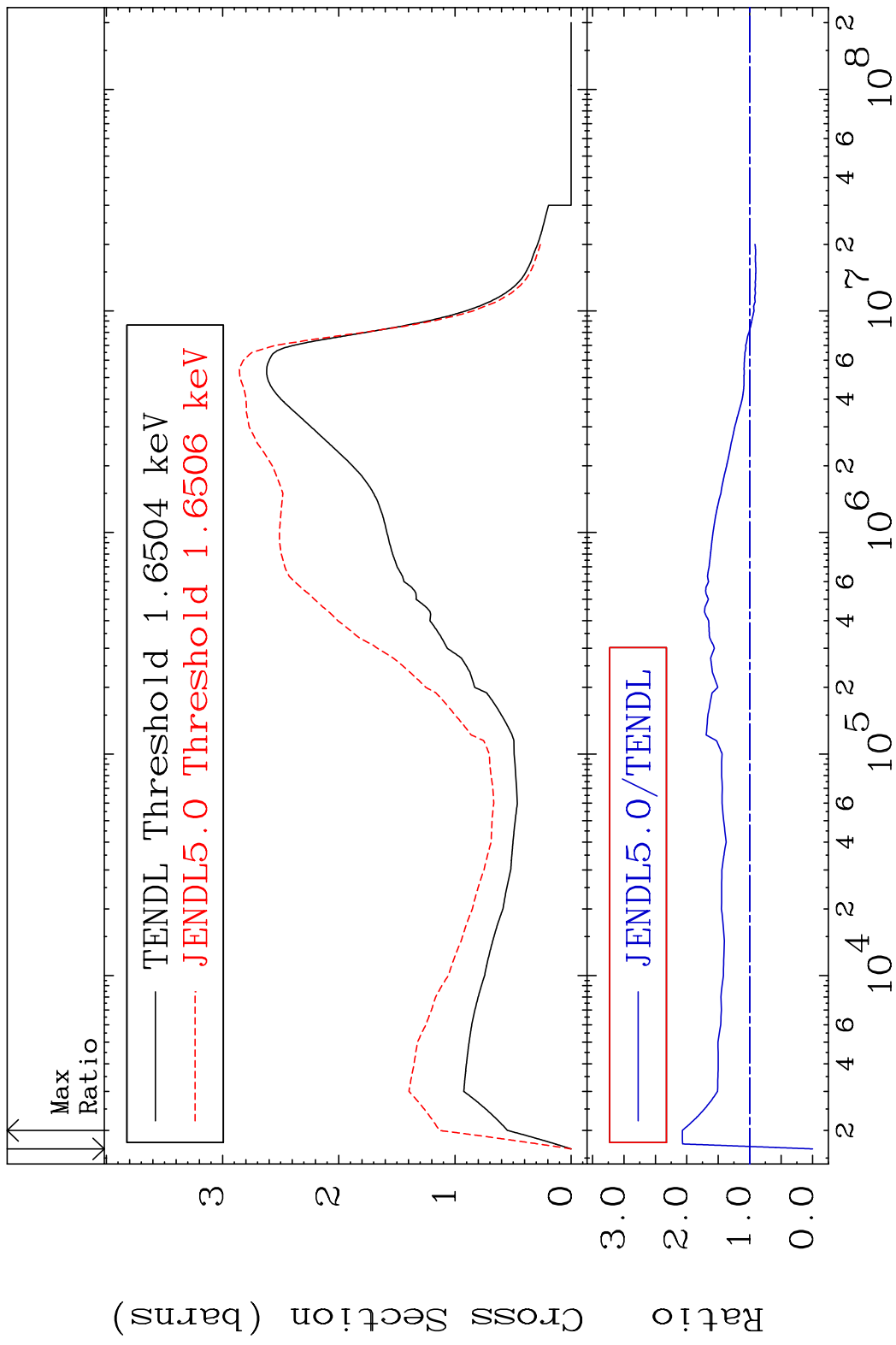


2

Incident Energy (eV)

78-Pt-193

MAT 7834 Inelastic 78-Pt-193
 Cross Section -100.0 To 107.1 %

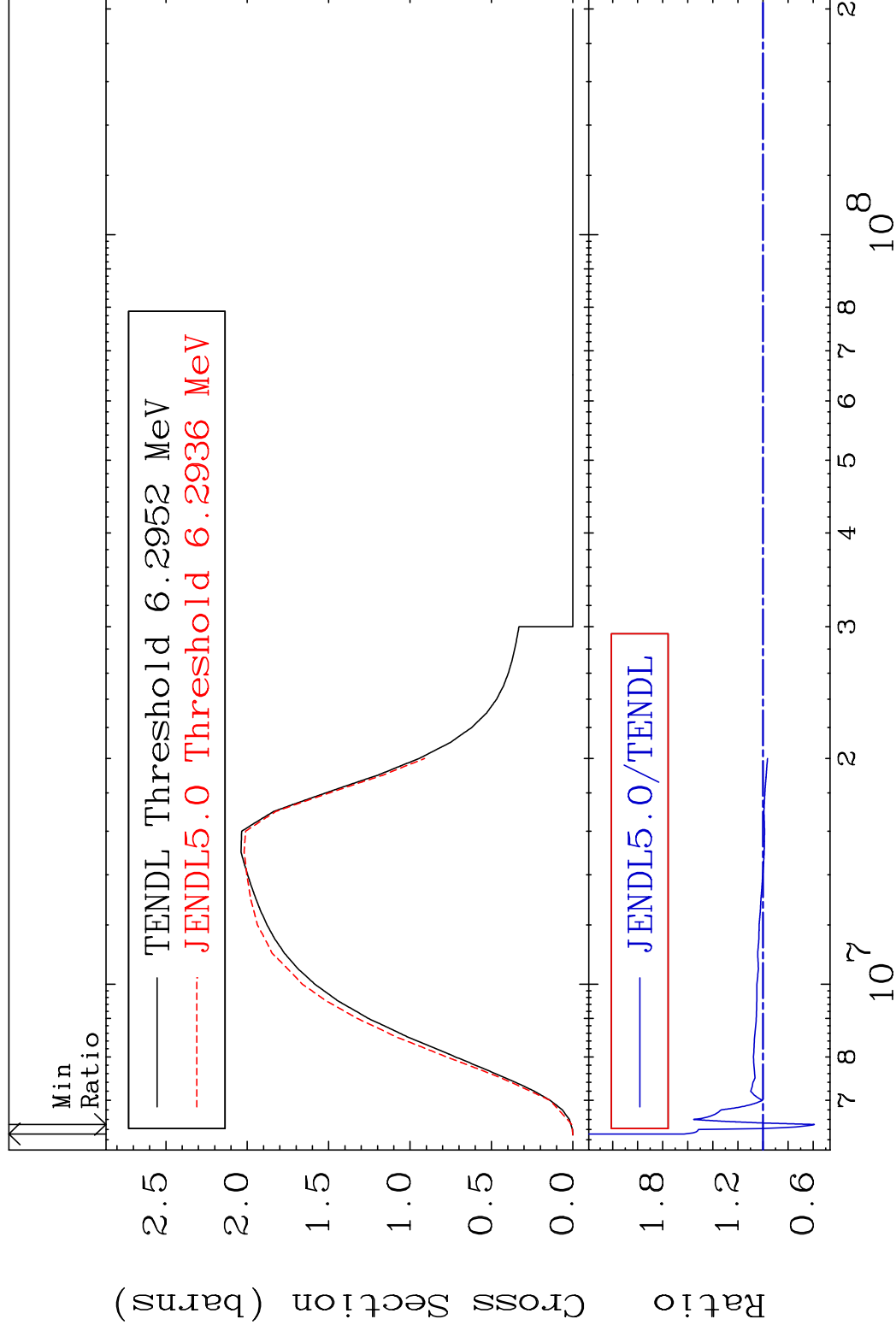


MAT 7834

(n,2n)

78-Pt-193

Cross Section -40.85 To 63.01 %



4

Incident Energy (eV)

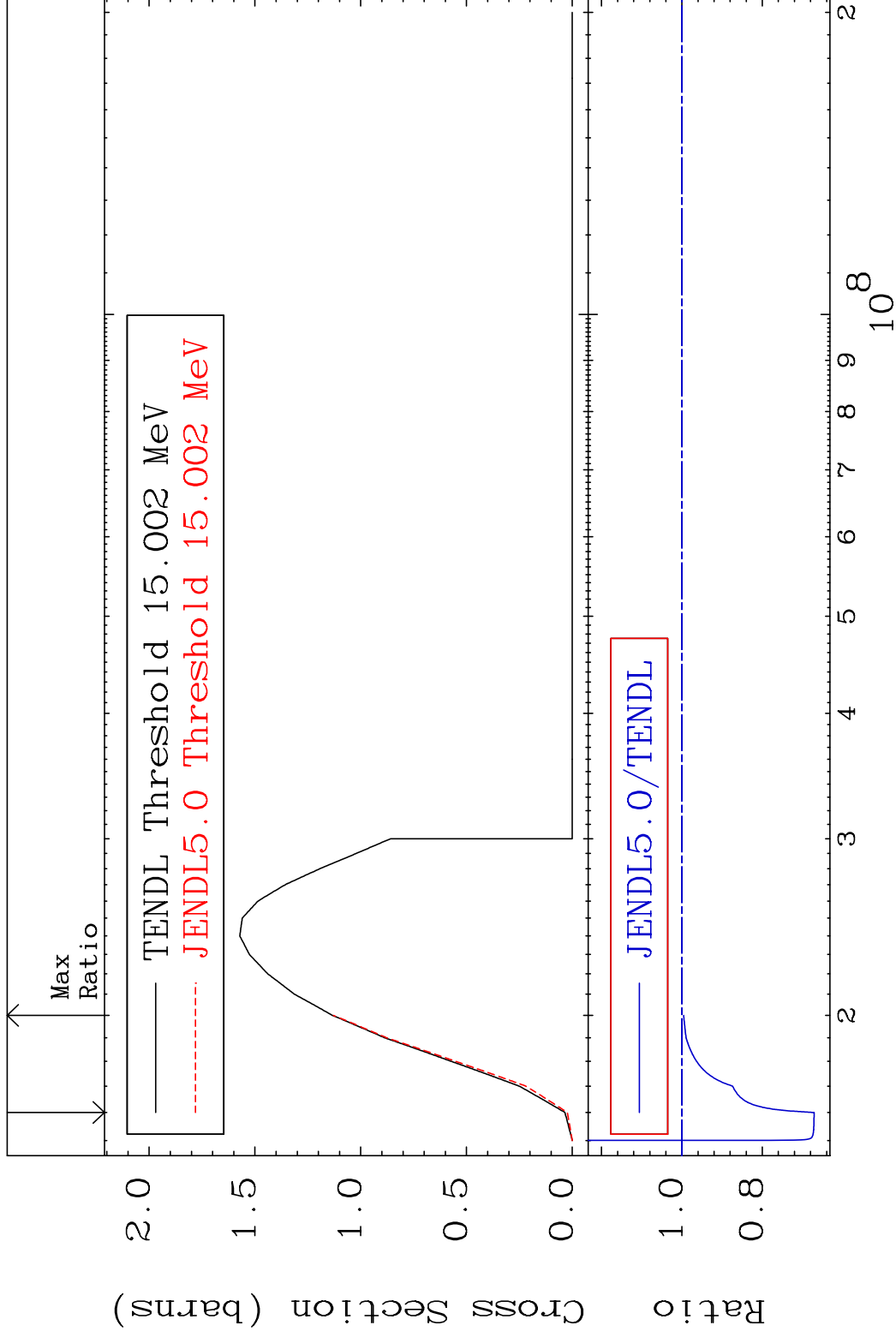
78-Pt-193

MAT 7834

(n,3n)

78-Pt-193

Cross Section -32.89 To -0.430%



5

Incident Energy (eV)

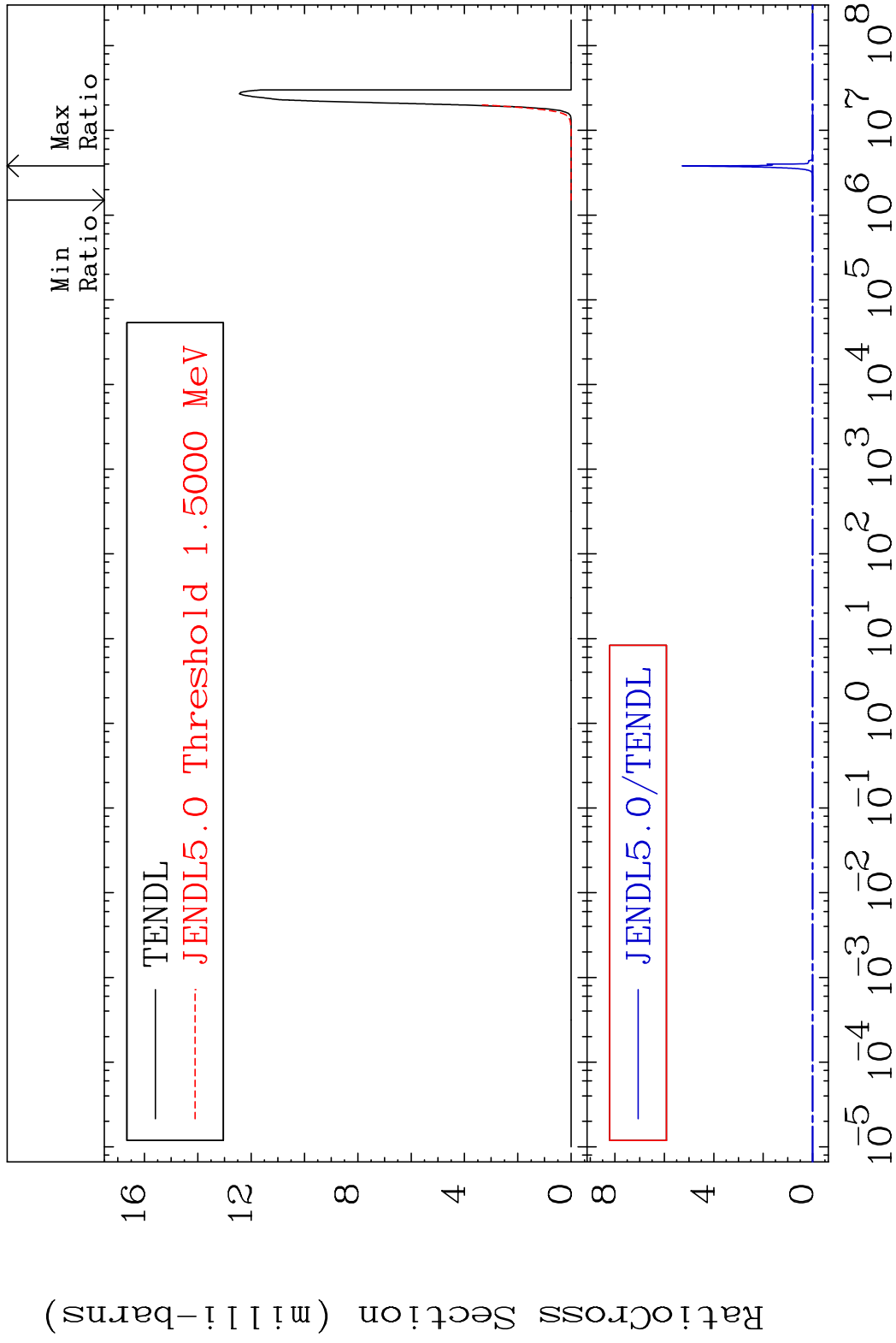
78-Pt-193

MAT 7834

(n, n') α

78-Pt-193

Cross Section -100.0 To 9999. %



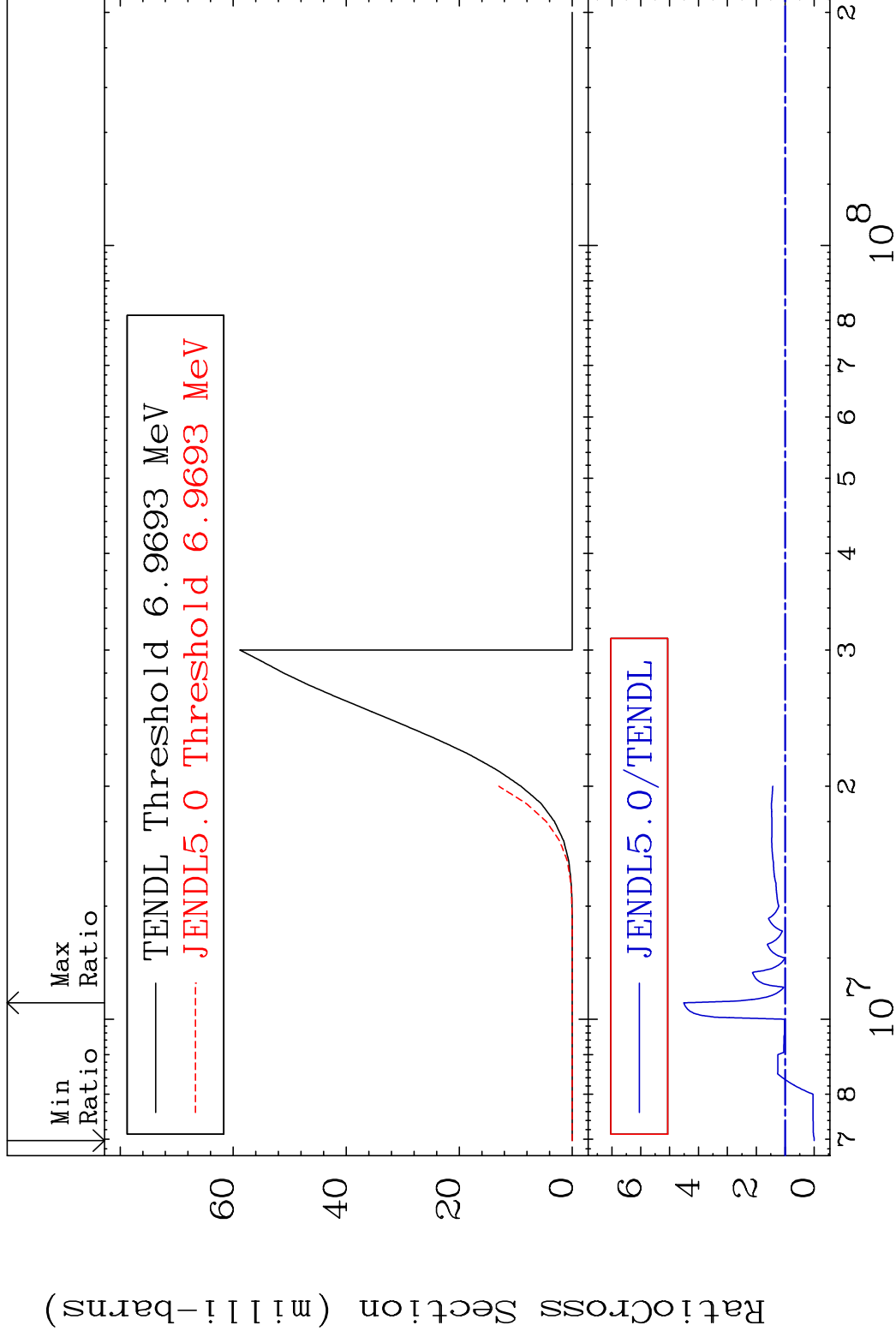
6

Incident Energy (eV)

78-Pt-193

MAT 7834

(n, n') p 78-Pt-193
Cross Section -100.0 To 351.5 %



7

Incident Energy (eV)

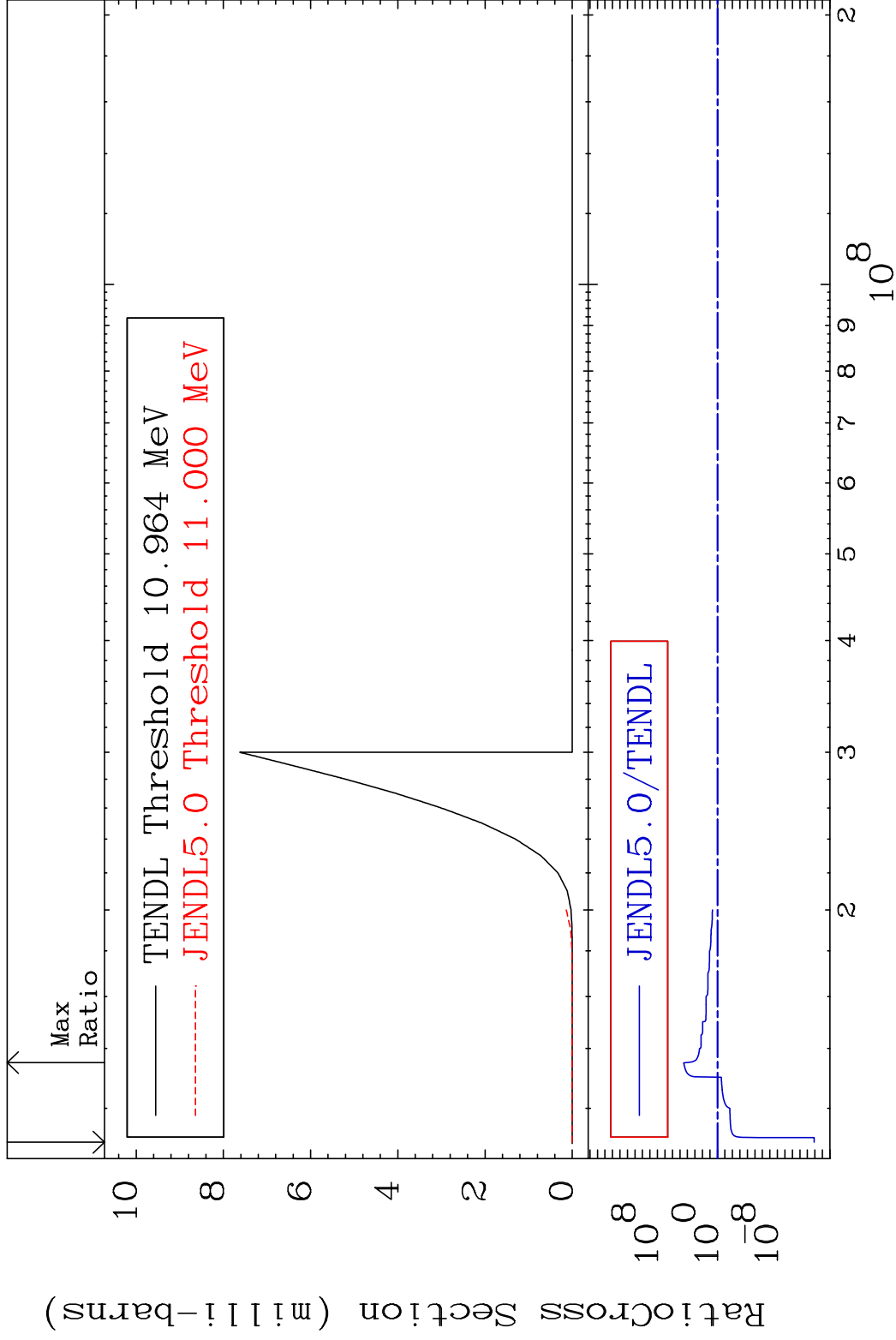
78-Pt-193

MAT 7834

(n, n') d

78-Pt-193

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

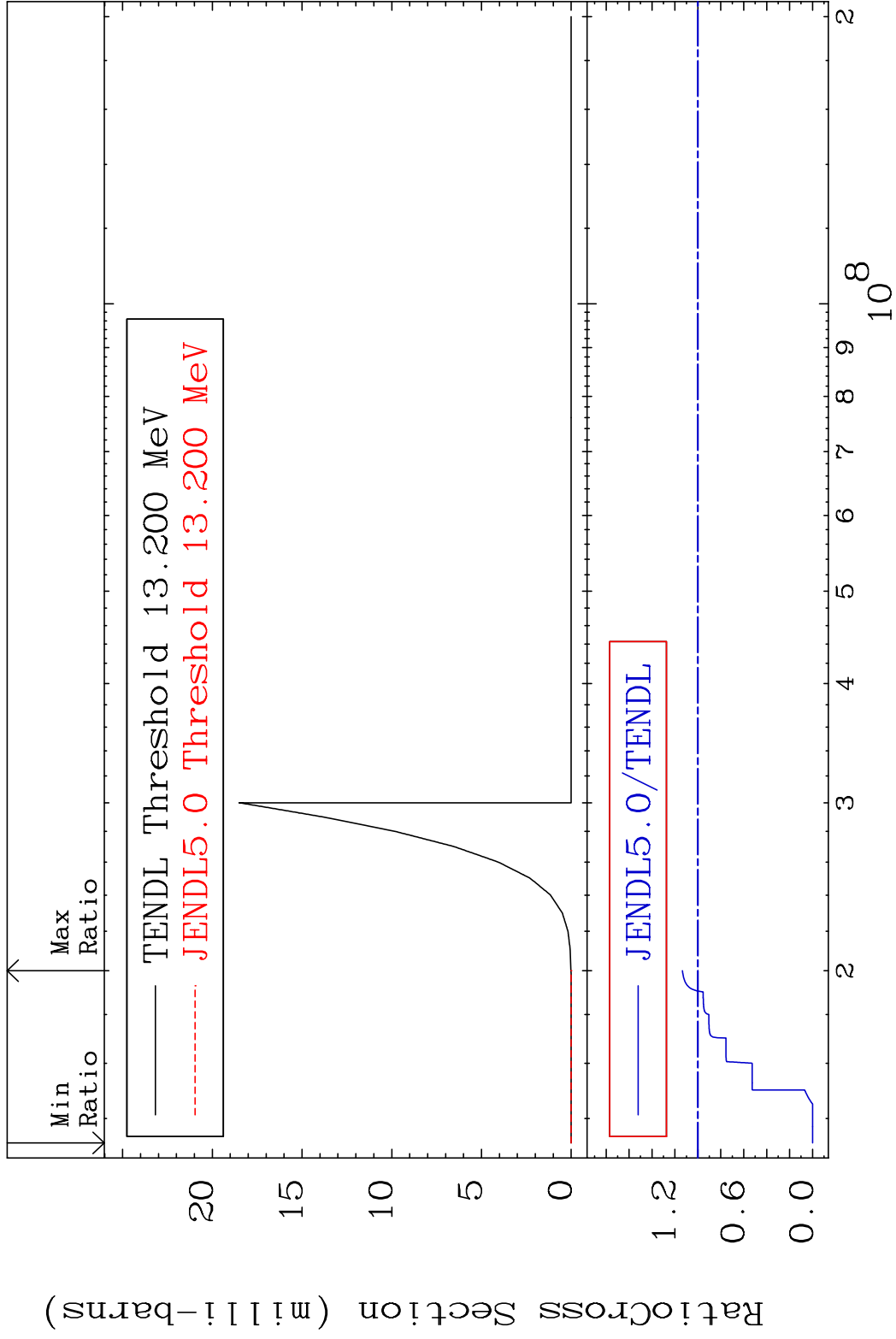
78-Pt-193

MAT 7834

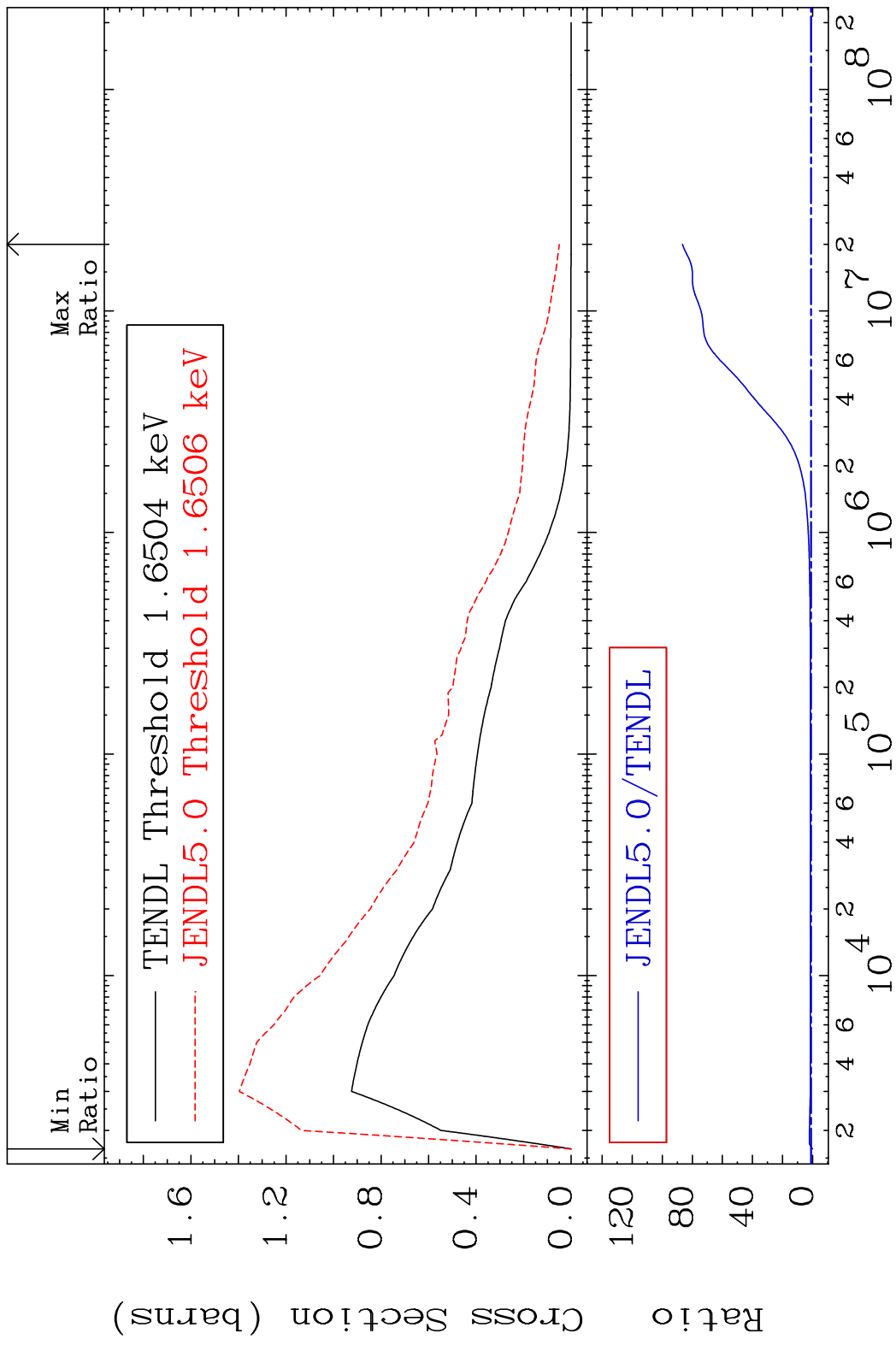
(n,2n) p

78-Pt-193

Cross Section -100.0 To 13.53 %

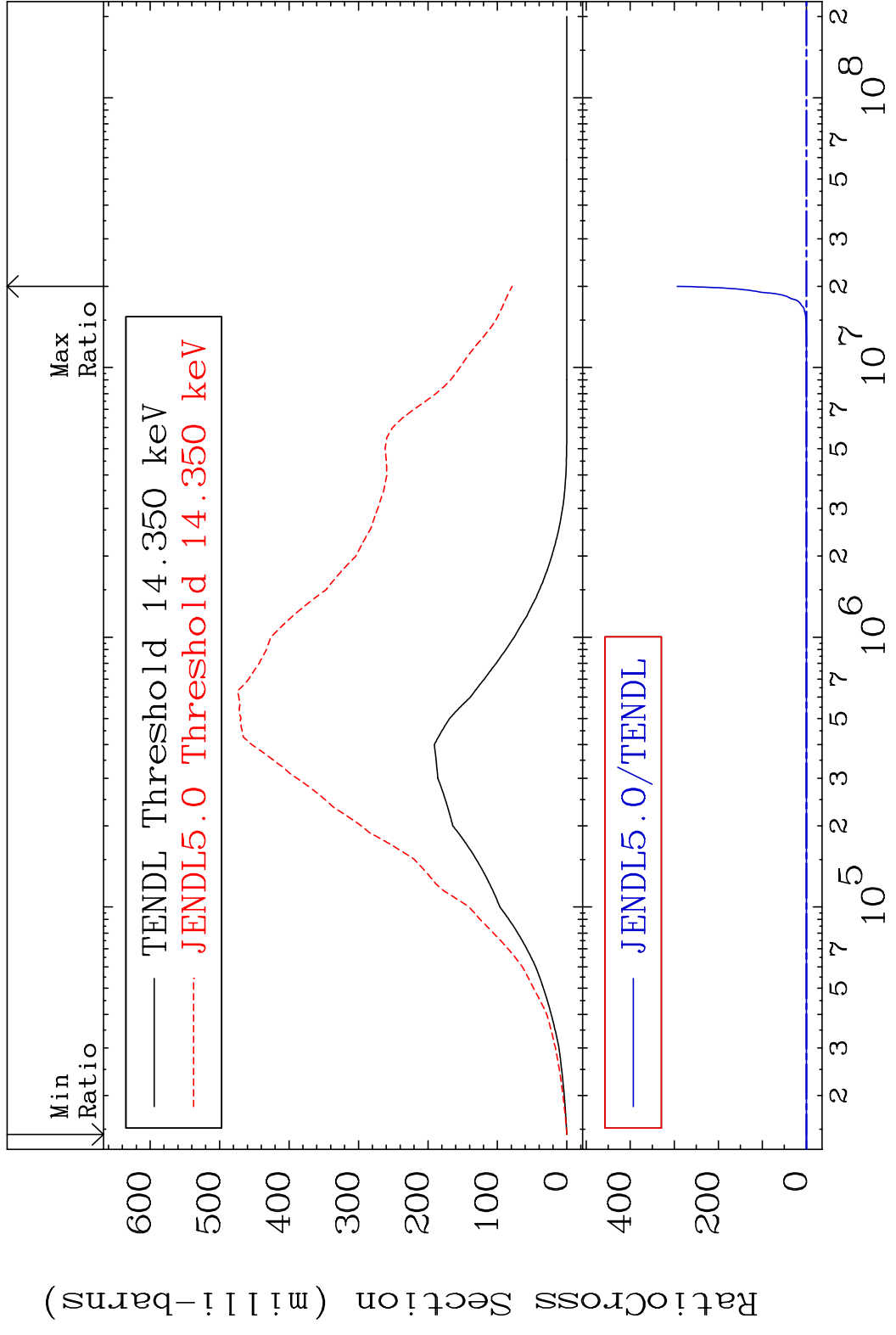


MAT 7834 MT= 51 (n,n') Level 78-Pt-193
 Cross Section -100.0 To 8564. %

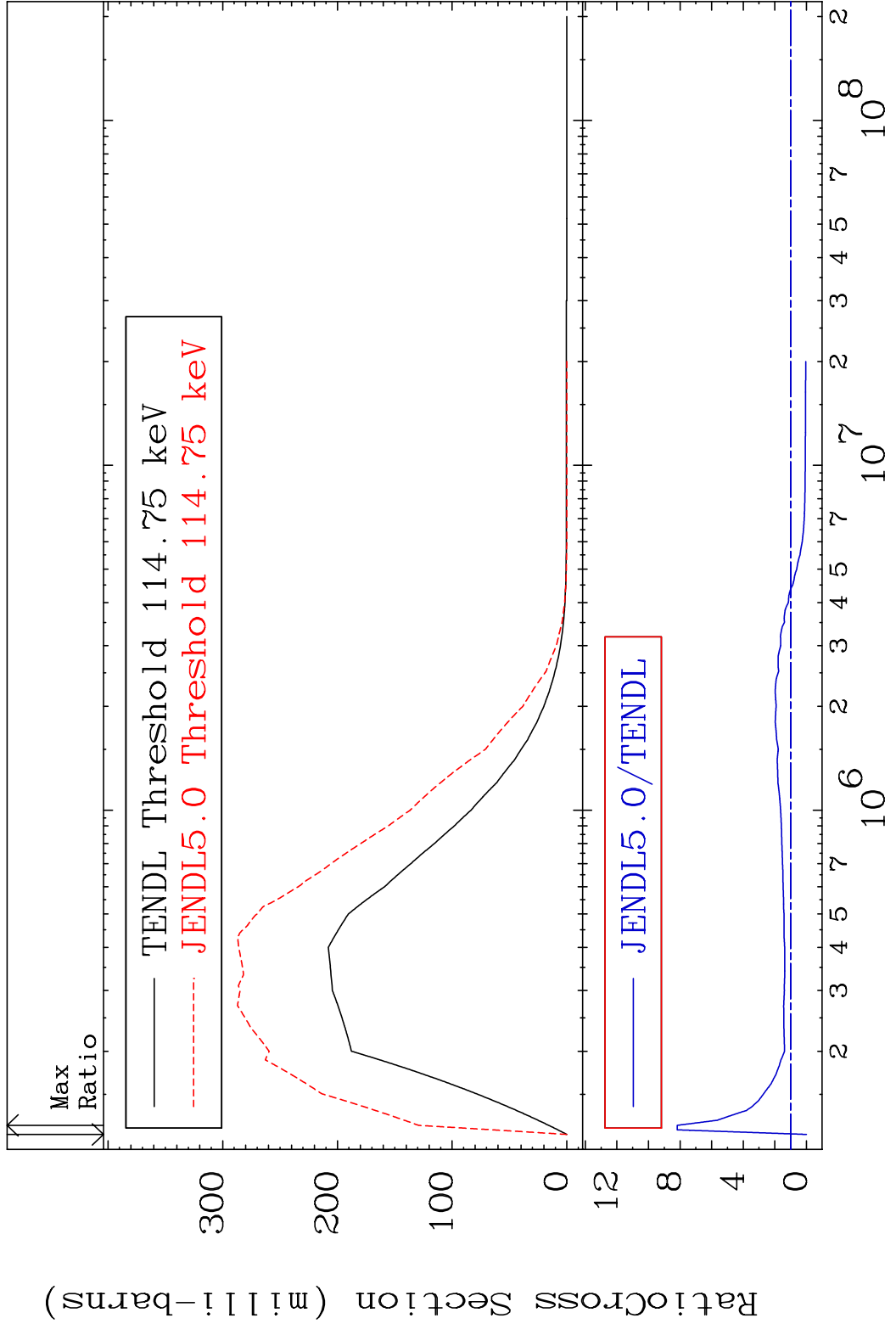


10 Incident Energy (eV) 78-Pt-193

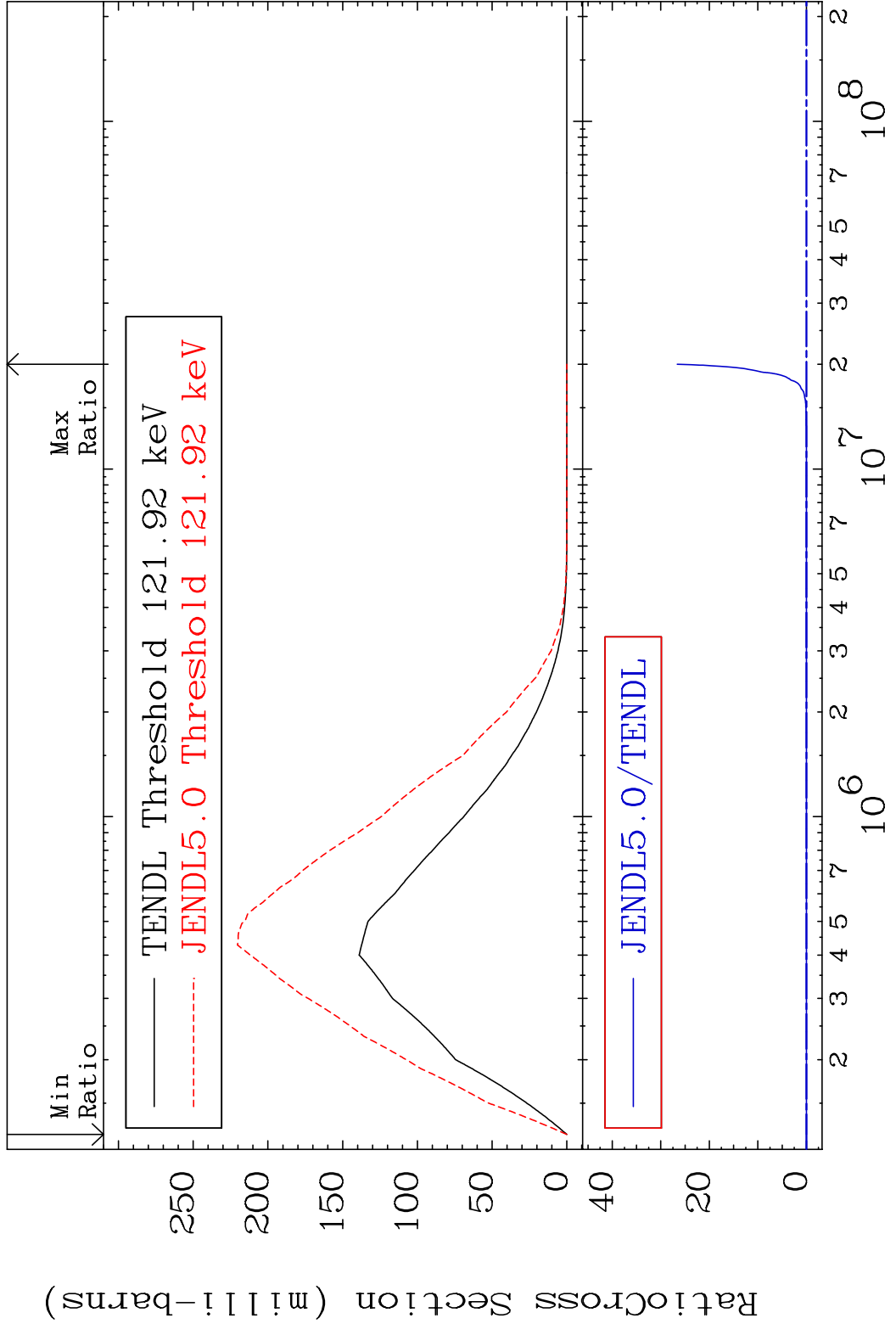
MAT 7834 MT= 52 (n, n') Level 78-Pt-193
 Cross Section -100.0 To 9999. %



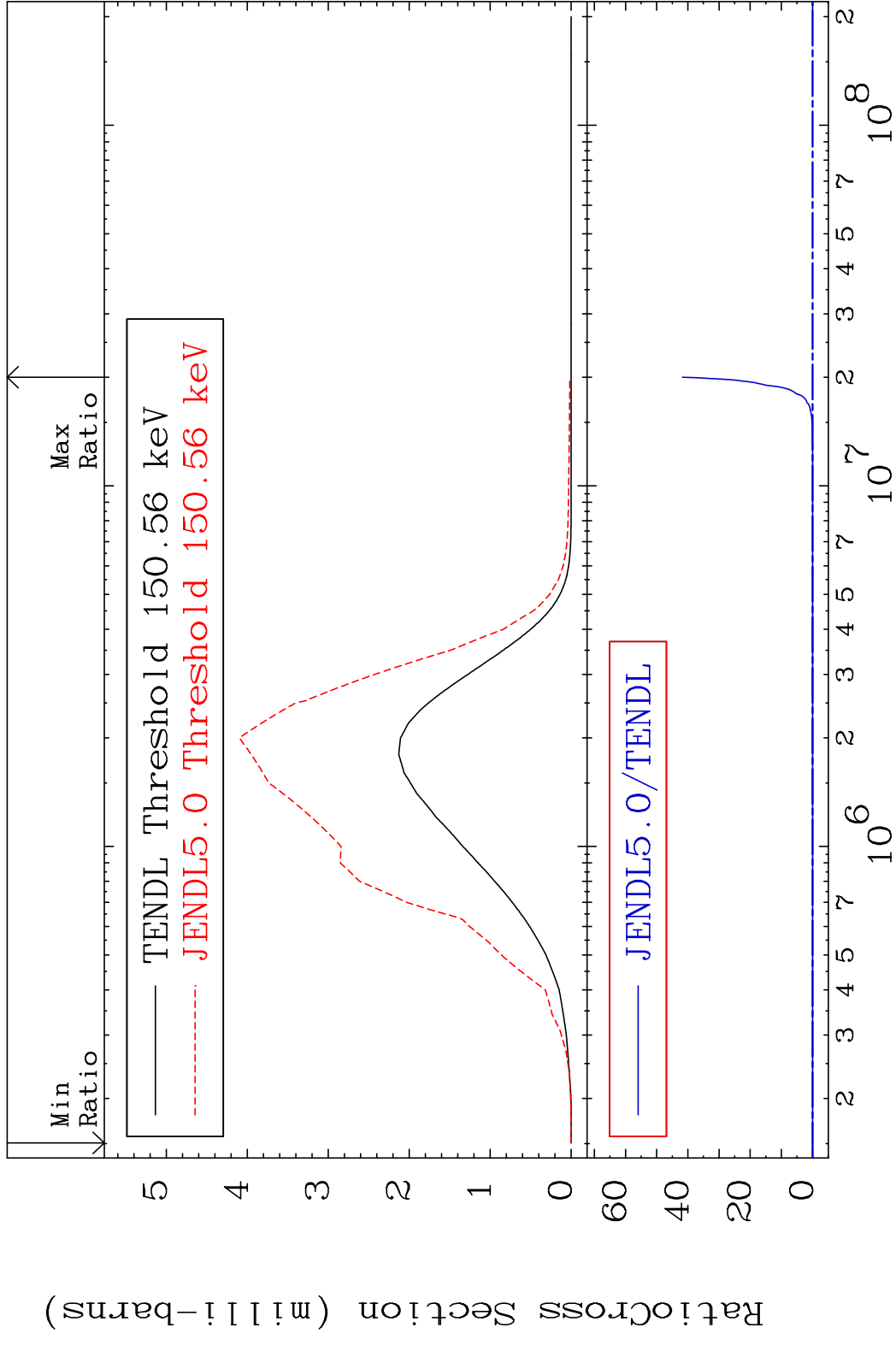
MAT 7834 MT= 53 (n,n') Level 78-Pt-193
 Cross Section -100.0 To 718.2 %



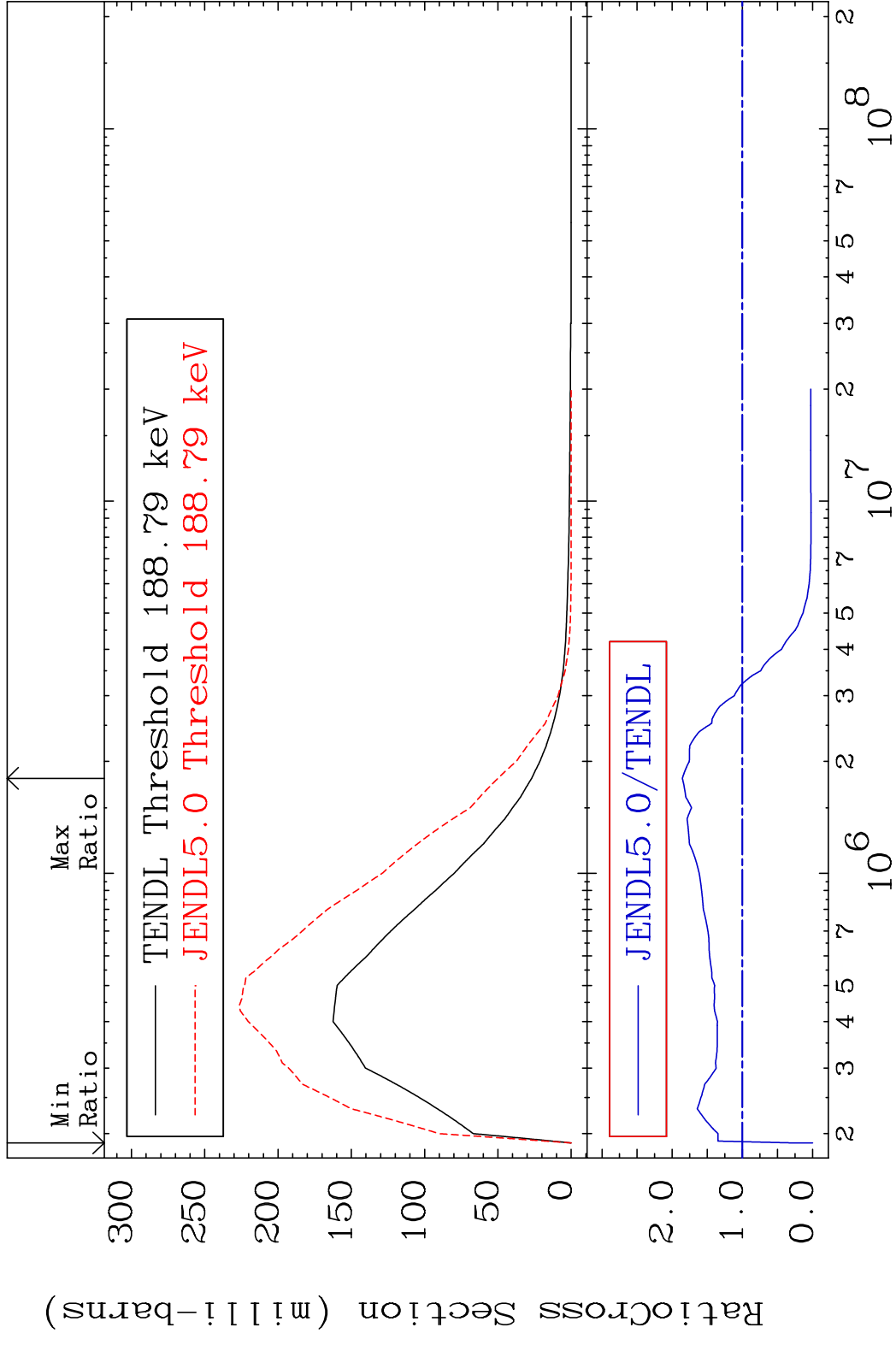
MAT 7834 MT= 54 (n,n') Level 78-Pt-193
 Cross Section -100.0 To 9999. %



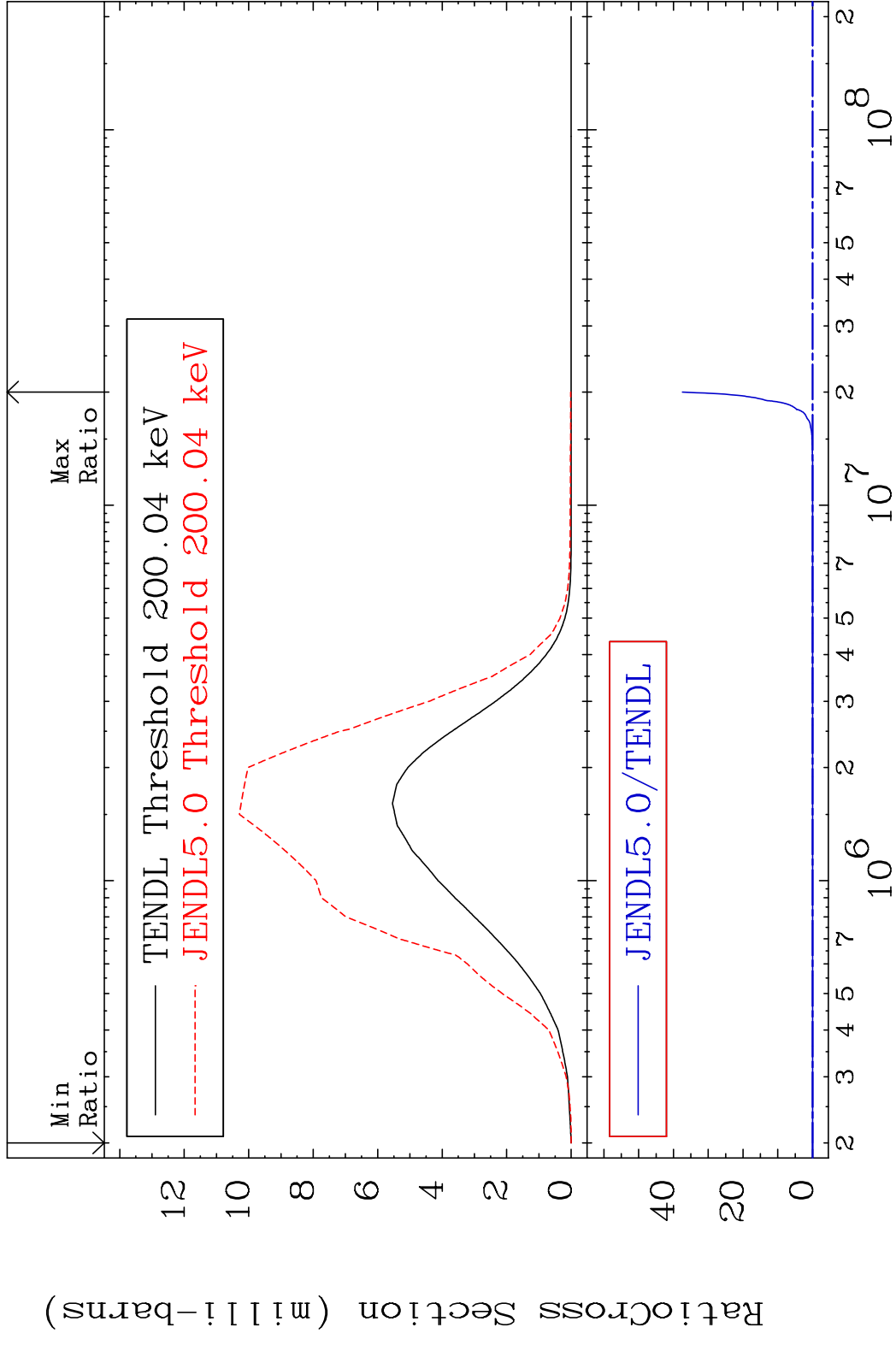
MAT 7834 MT= 55 (n,n') Level 78-Pt-193
 Cross Section -100.0 To 9999. %



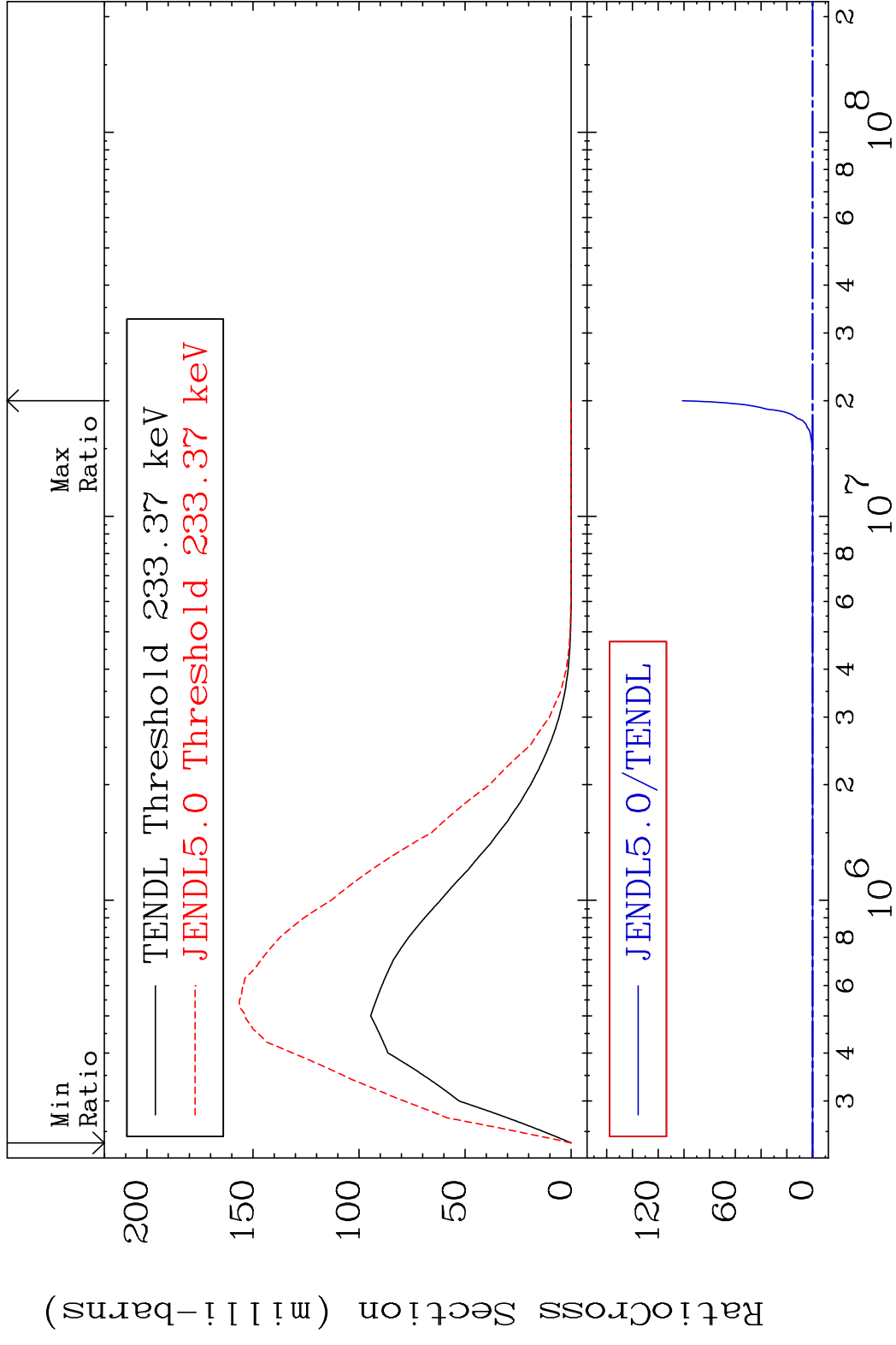
MAT 7834 MT= 56 (n,n') Level 78-Pt-193
 Cross Section -100.0 To 85.52 %



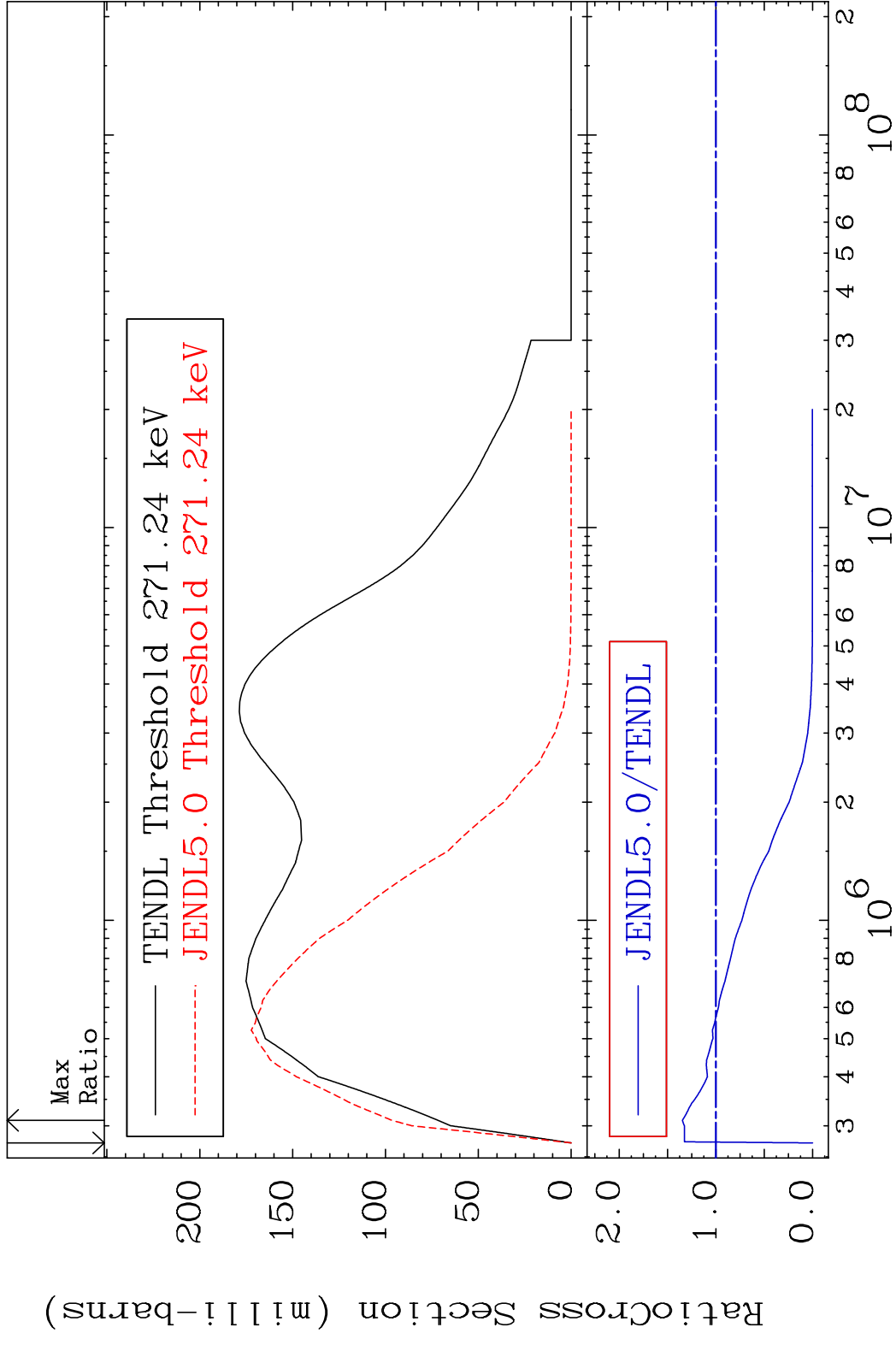
MAT 7834 MT= 57 (n,n') Level 78-Pt-193
 Cross Section -100.0 To 9999. %



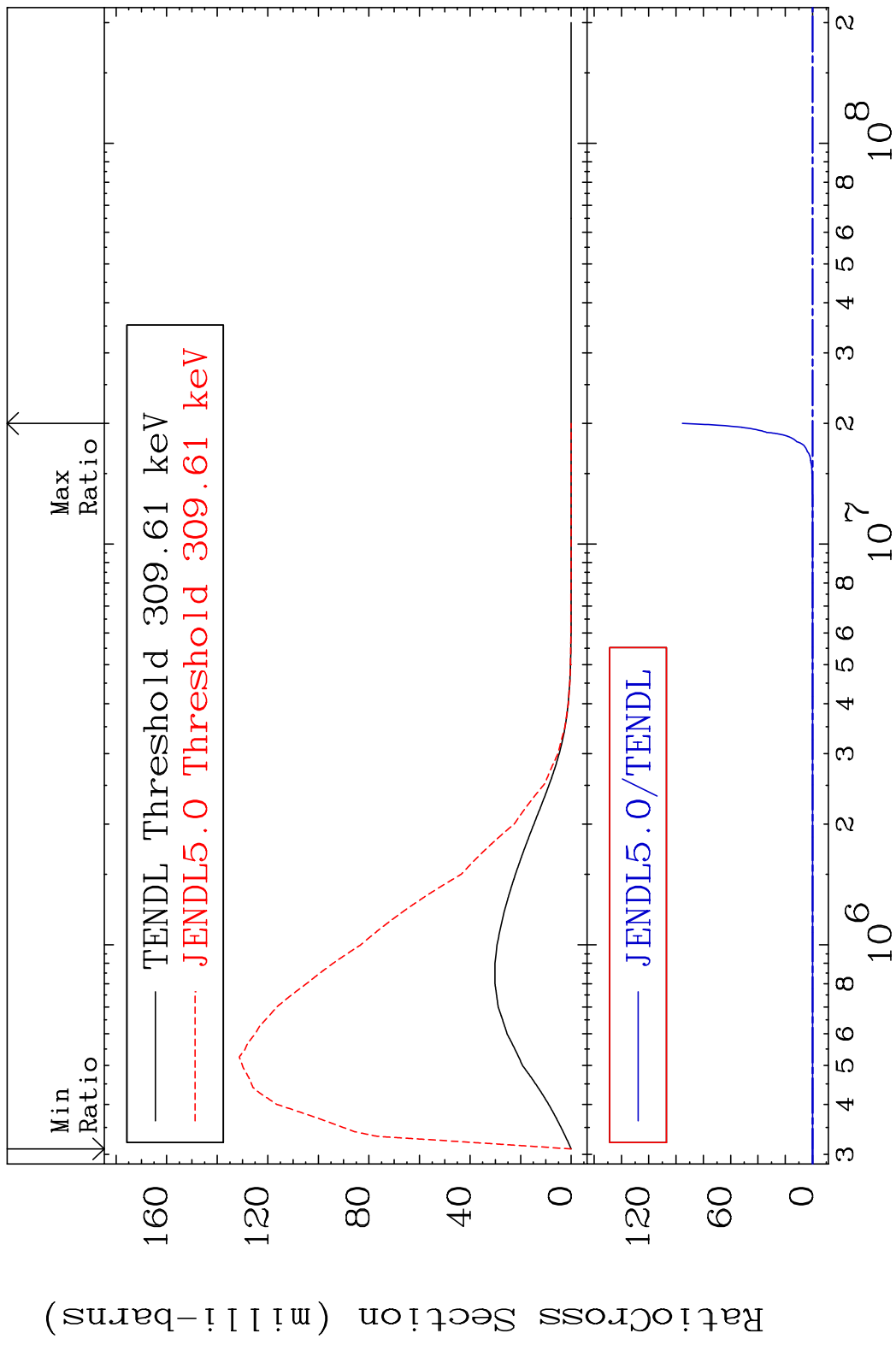
MAT 7834 MT= 58 (n, n') Level 78-Pt-193
 Cross Section -100.0 To 9999. %



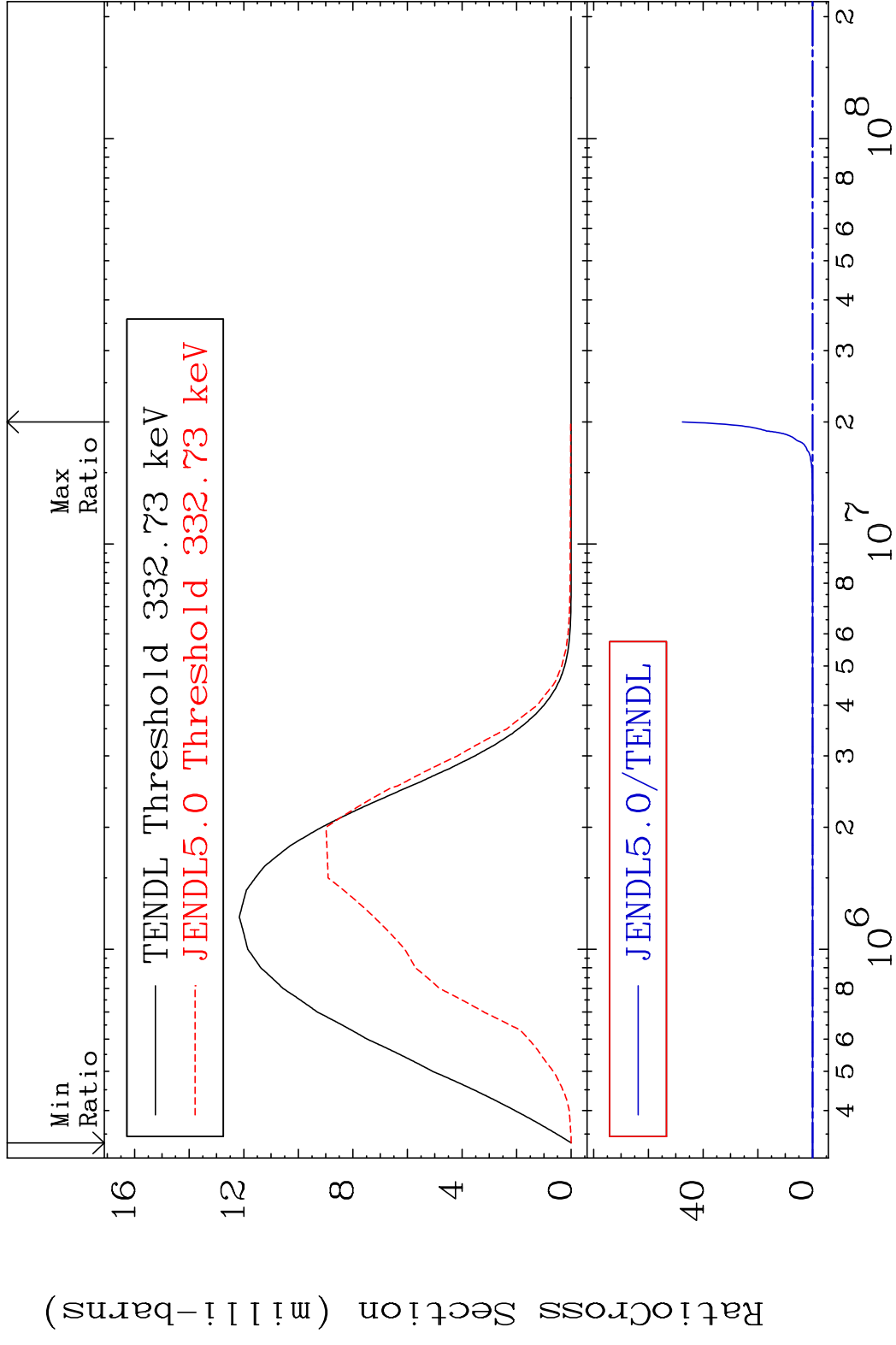
MAT 7834 MT= 59 (n, n') Level 78-Pt-193
 Cross Section -100.0 To 34.61 %



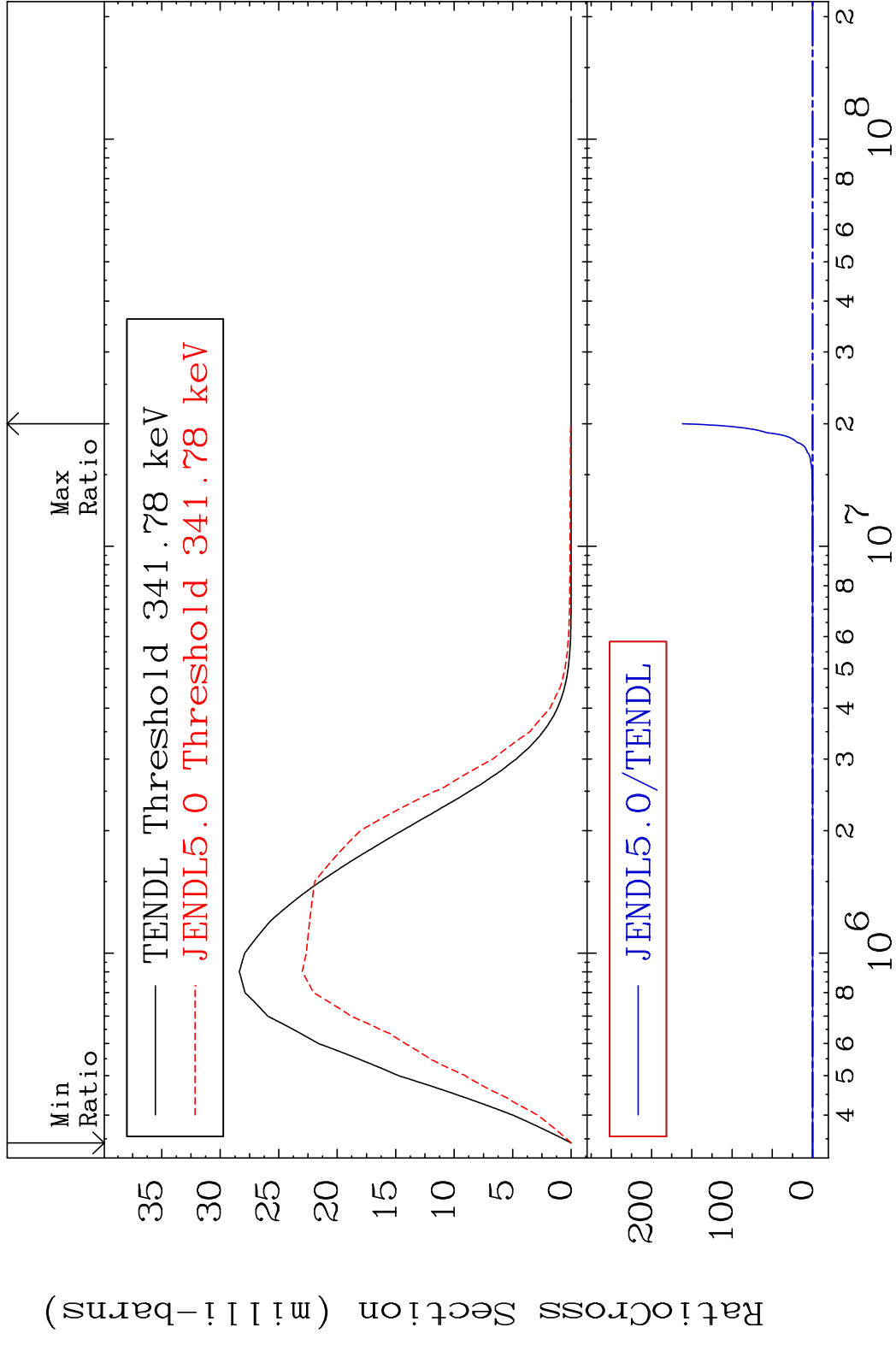
MAT 7834 MT= 60 (n, n') Level 78-Pt-193
 Cross Section -100.0 To 9999. %



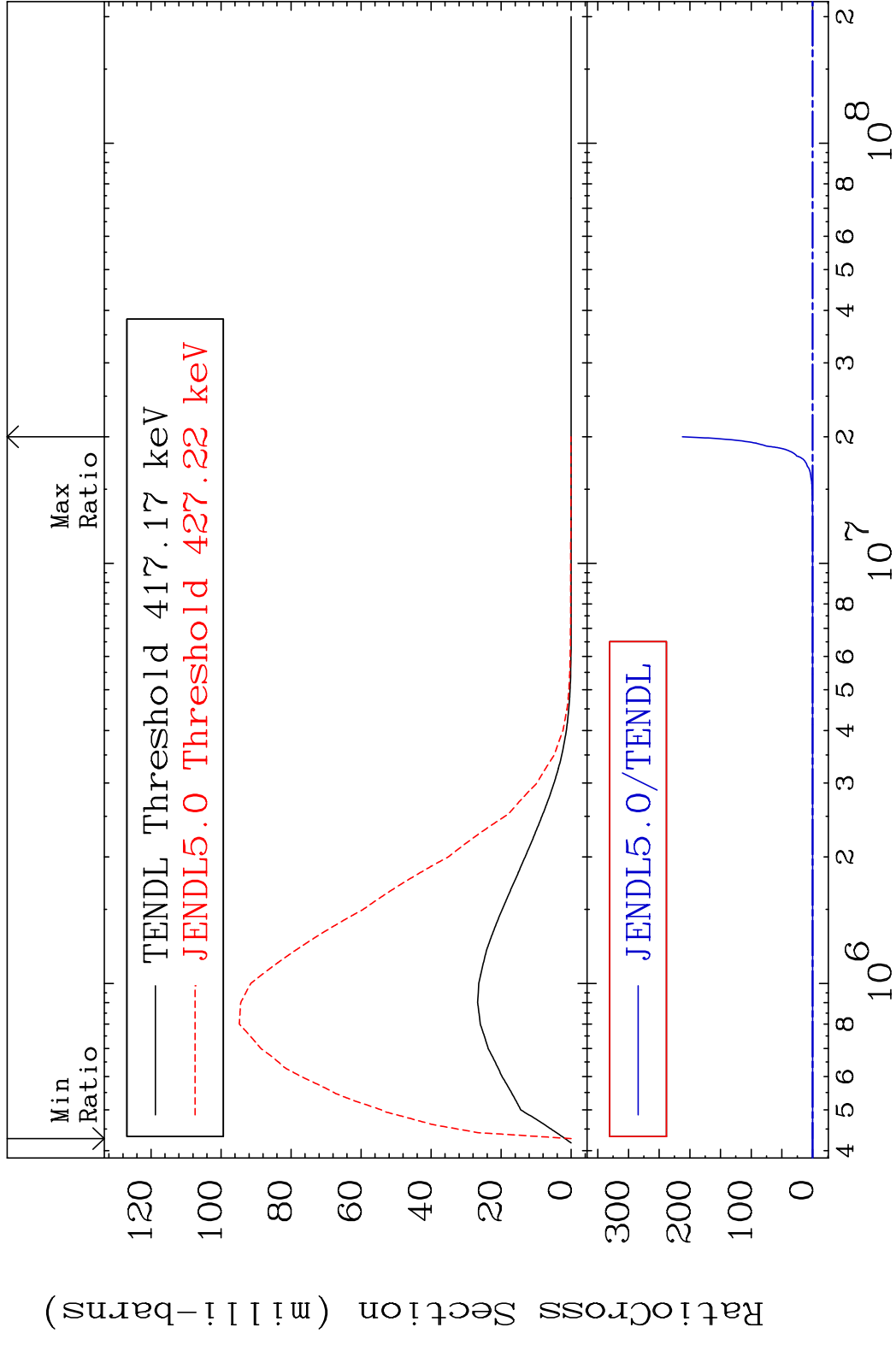
MAT 7834 MT= 61 (n, n') Level 78-Pt-193
 Cross Section -100.0 To 9999. %



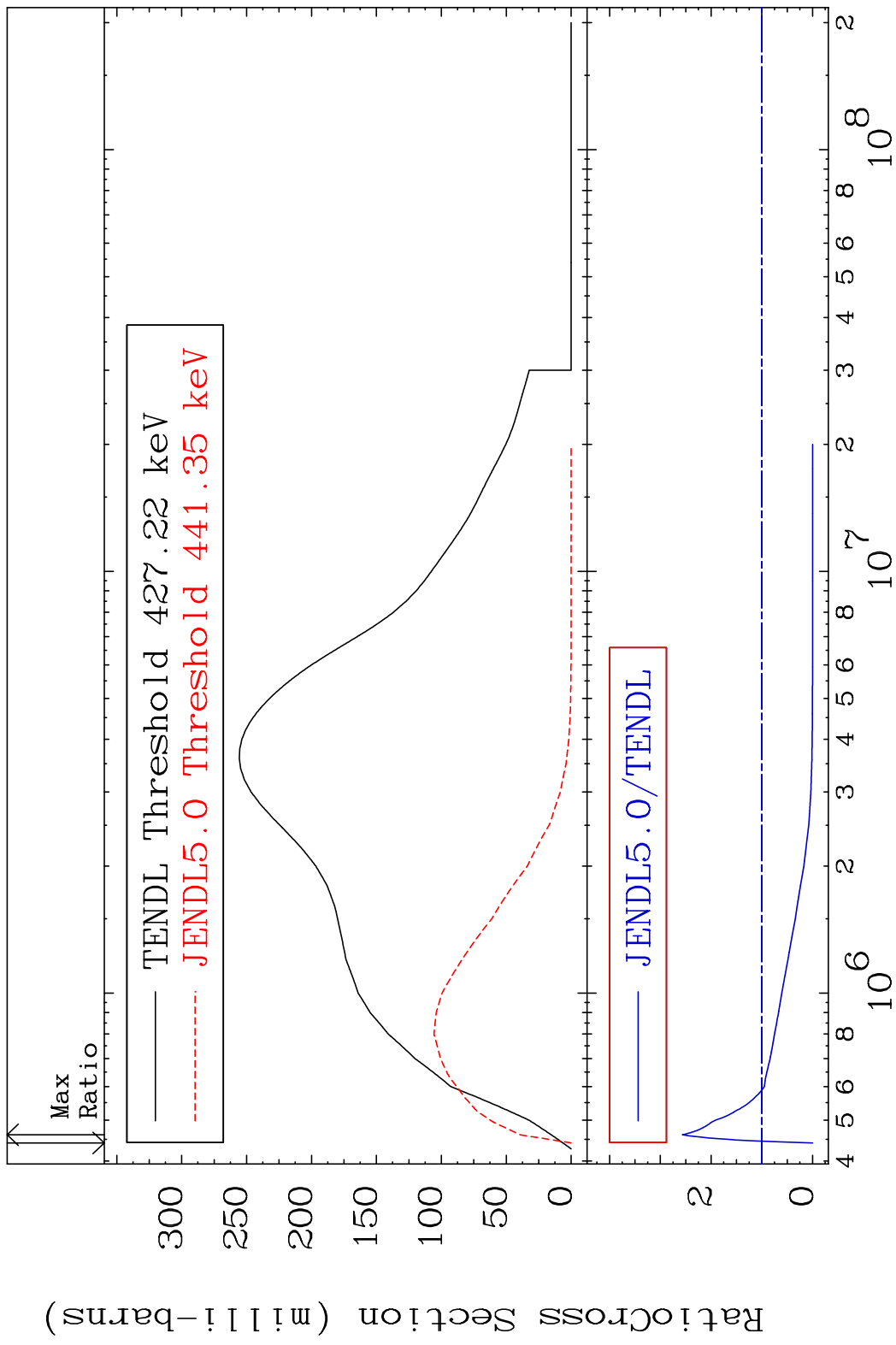
MAT 7834 MT= 62 (n, n') Level 78-Pt-193
 Cross Section -100.0 To 9999. %



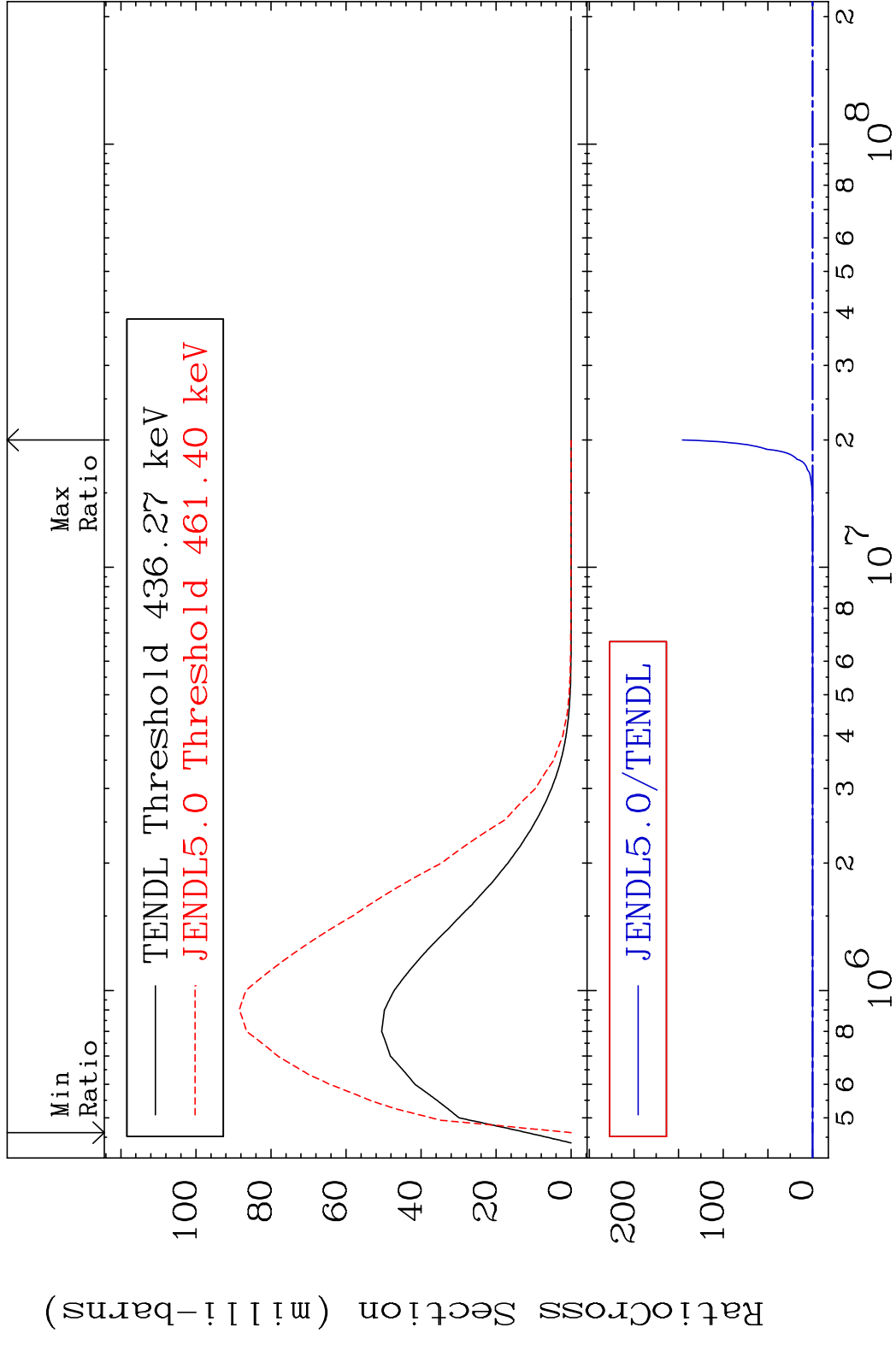
MAT 7834 MT= 63 (n, n') Level 78-Pt-193
 Cross Section -100.0 To 9999. %



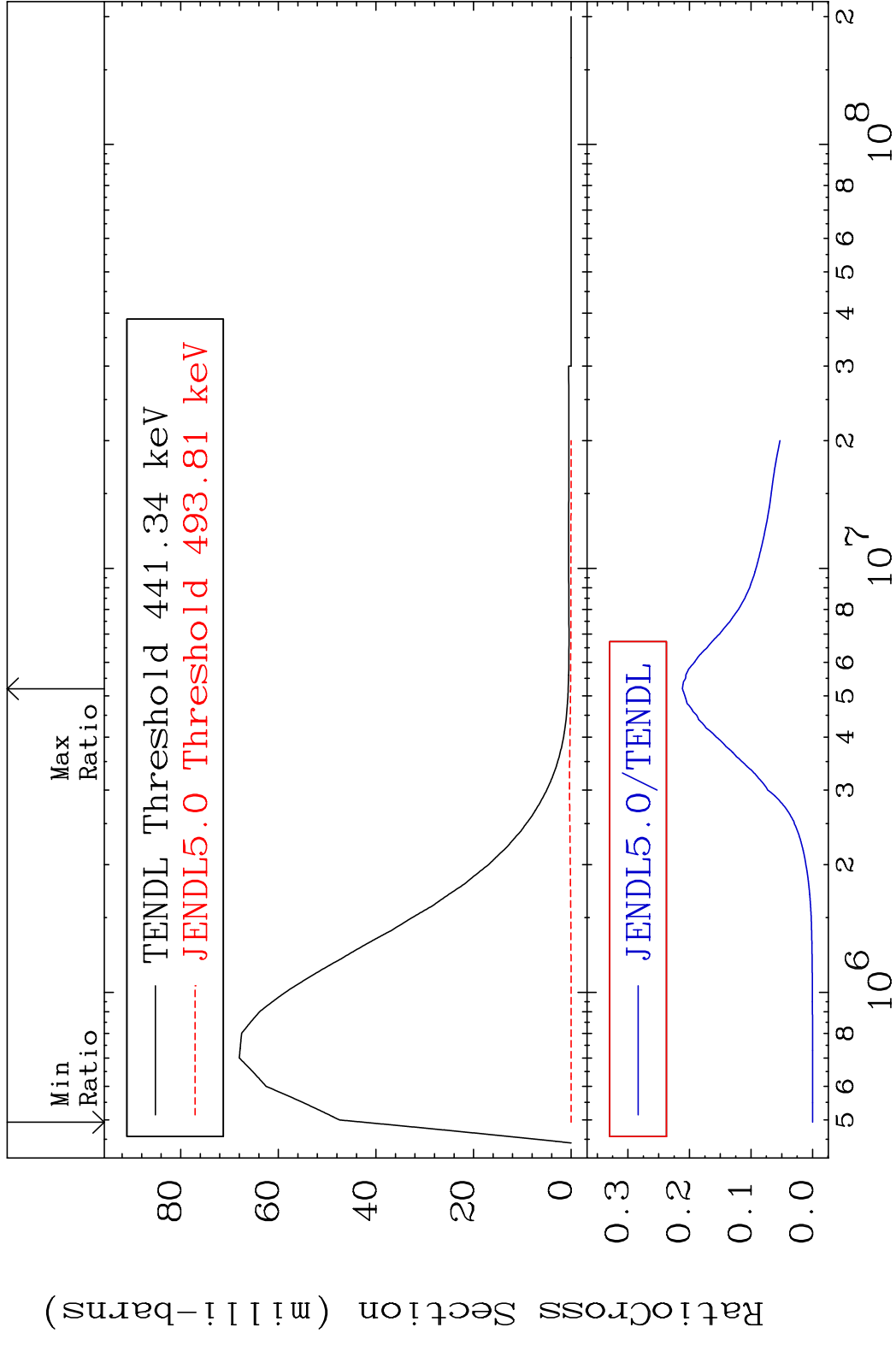
MAT 7834 MT= 64 (n, n') Level 78-Pt-193
 Cross Section -100.0 To 156.6 %



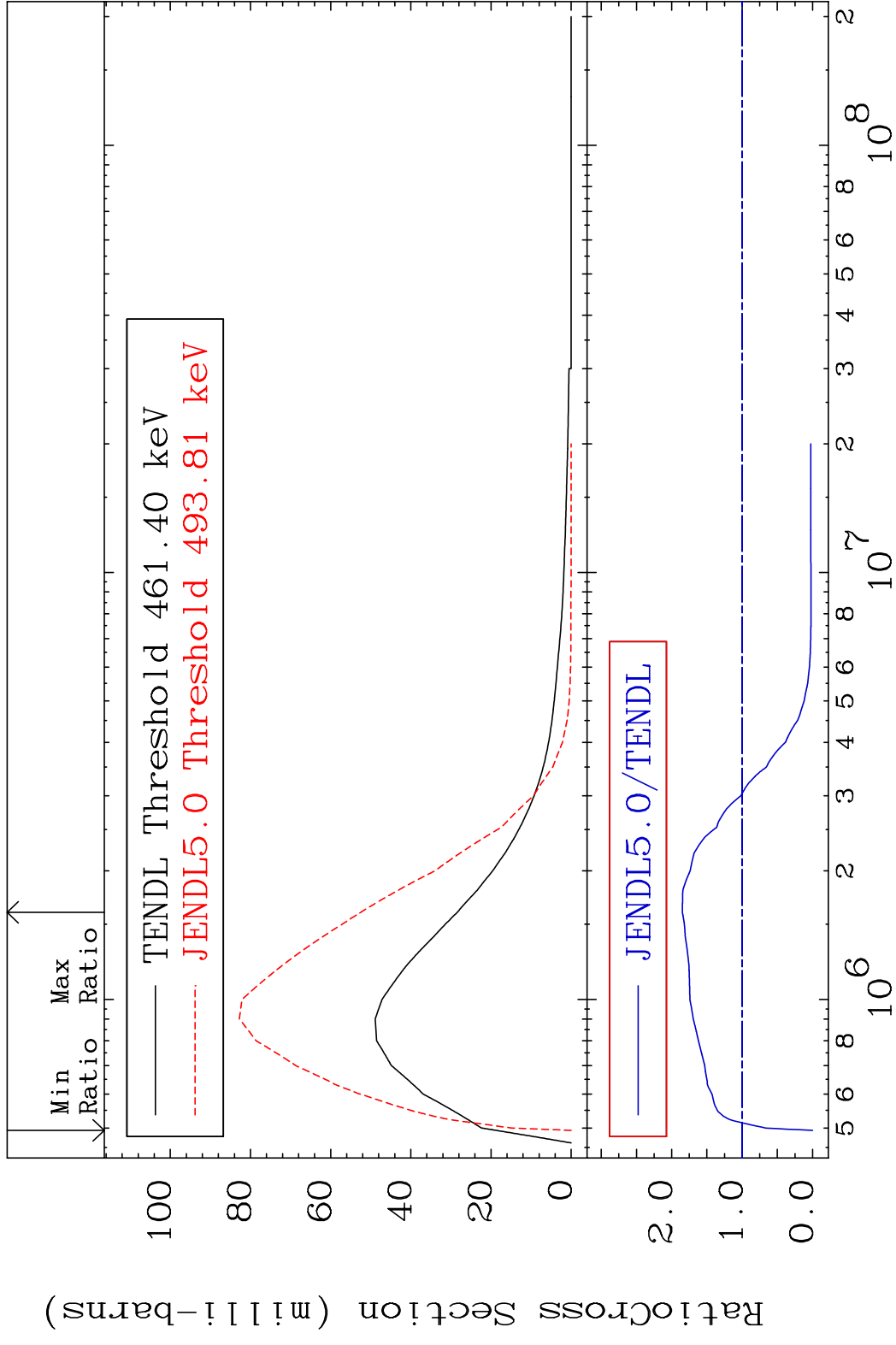
MAT 7834 MT= 65 (n, n') Level 78-Pt-193
 Cross Section -100.0 To 9999. %



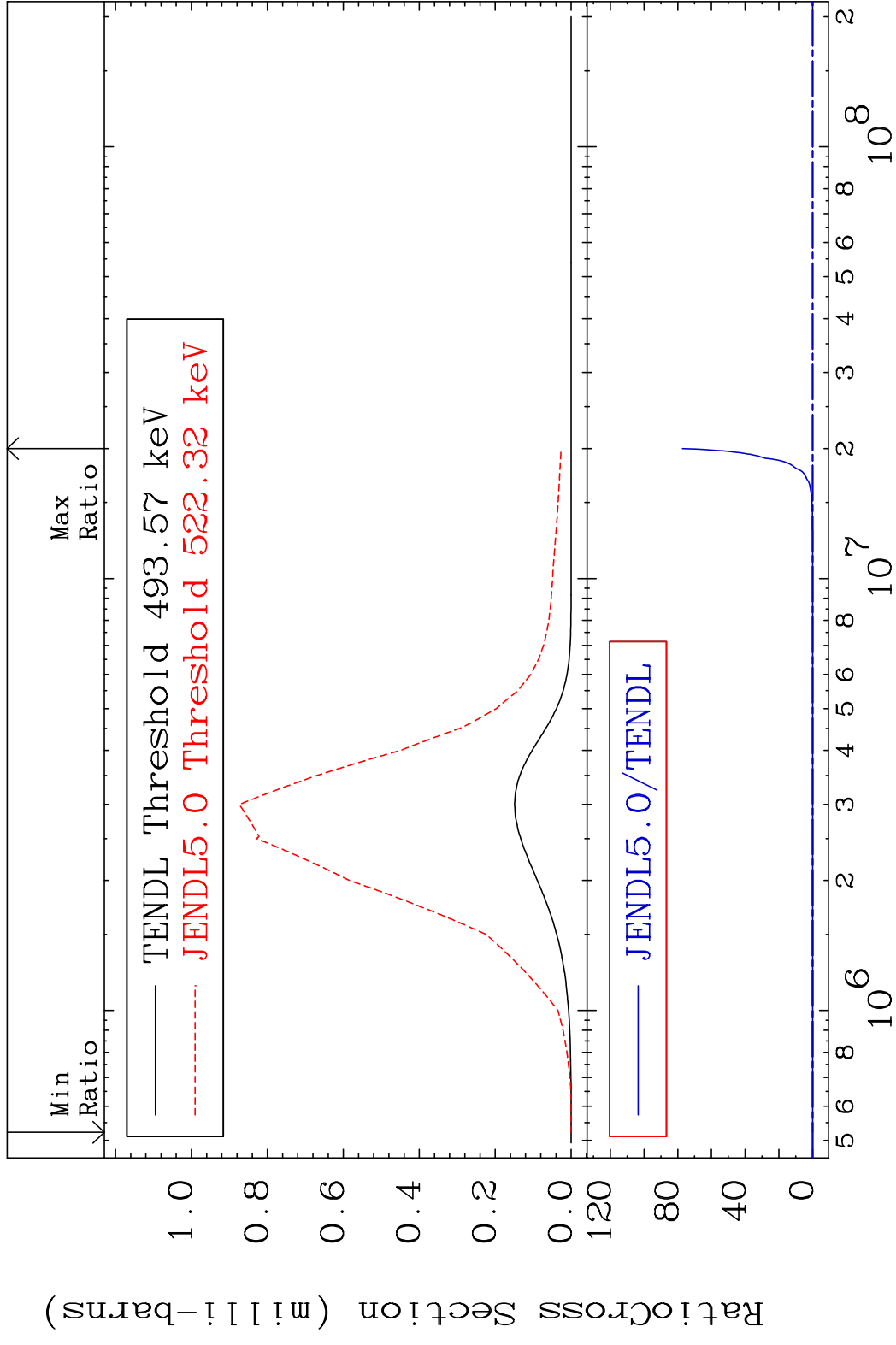
MAT 7834 MT= 66 (n, n') Level 78-Pt-193
 Cross Section -100.0 To -78.84%



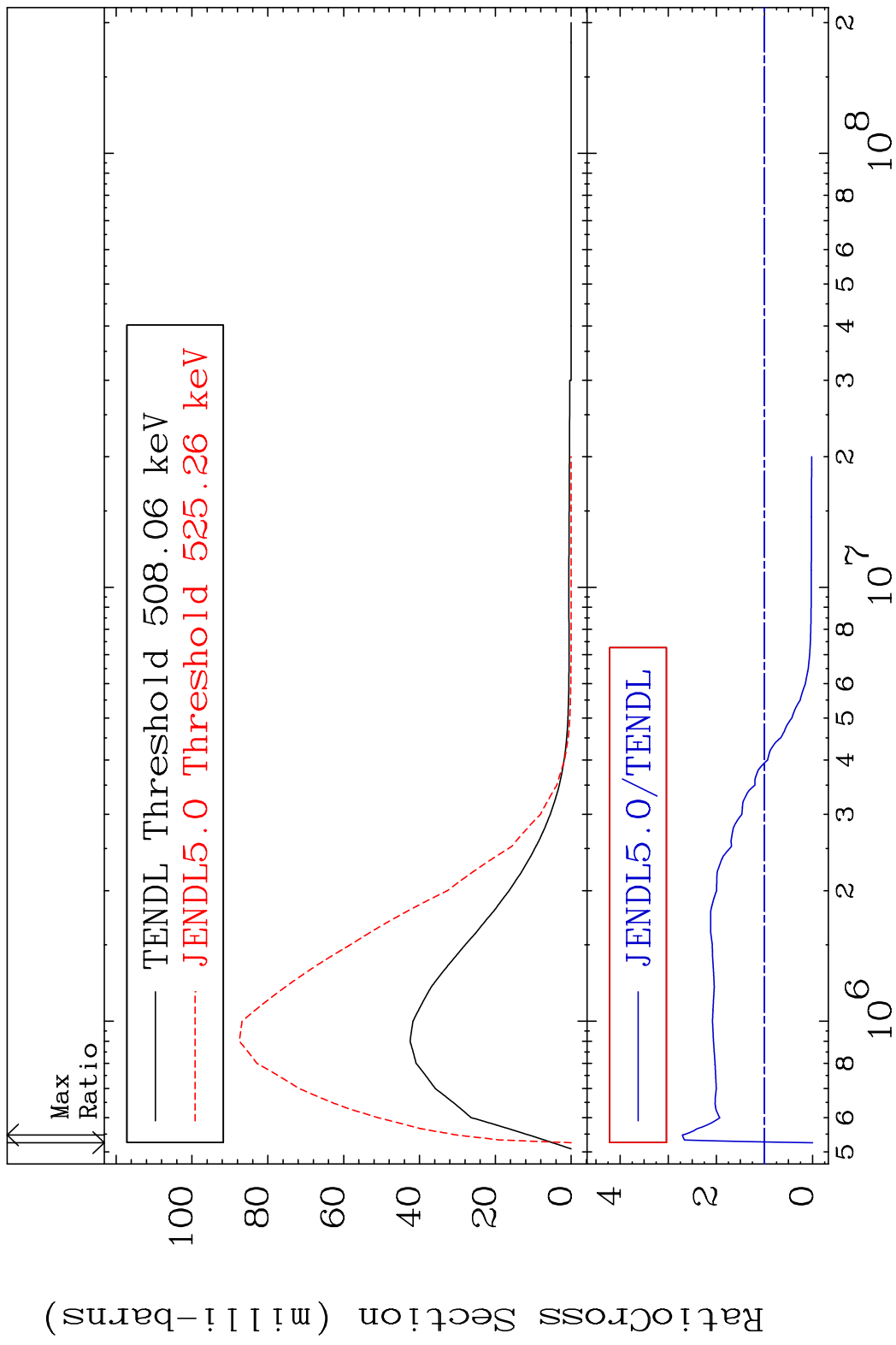
MAT 7834 MT= 67 (n, n') Level 78-Pt-193
 Cross Section -100.0 To 84.83 %



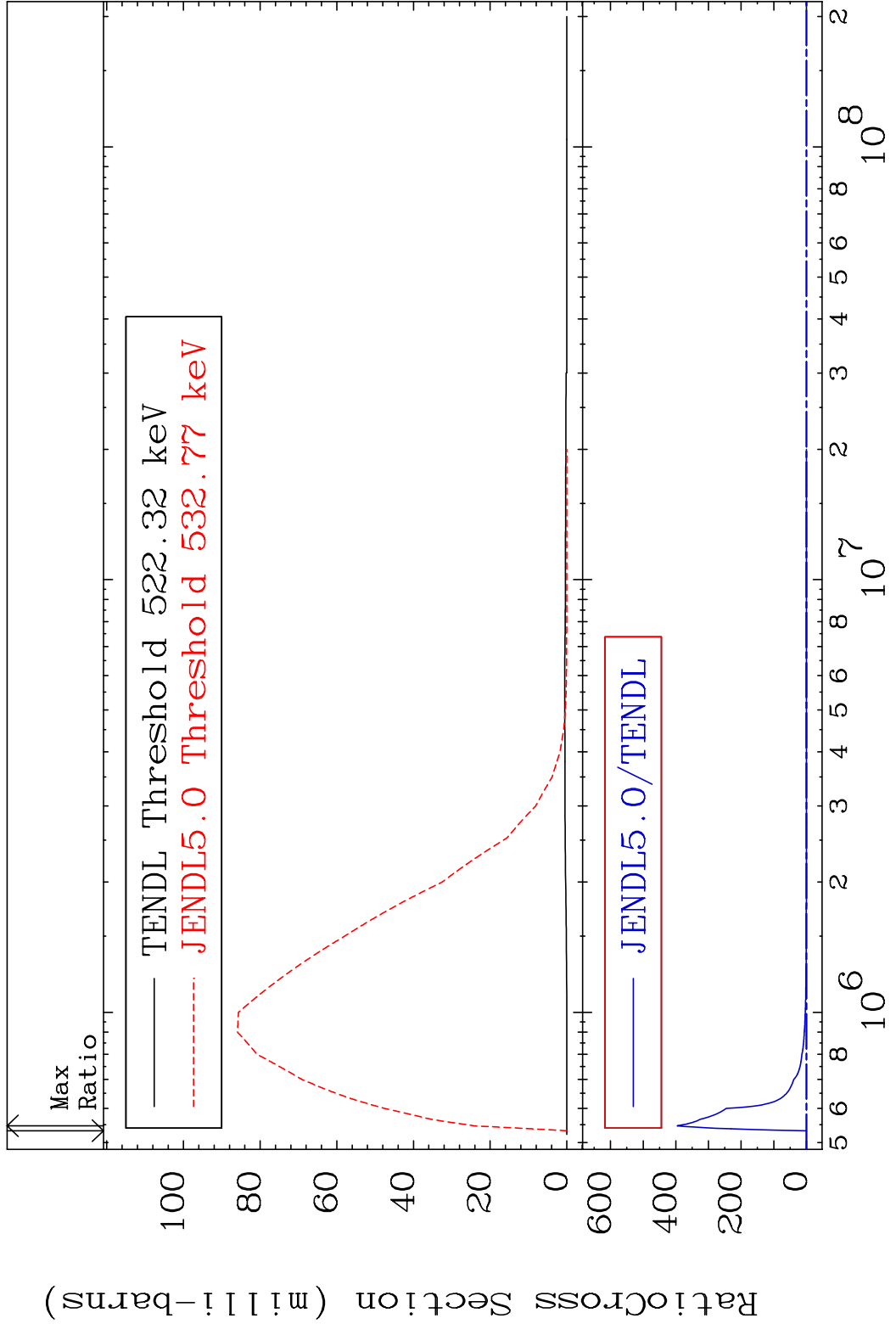
MAT 7834 MT= 68 (n, n') Level 78-Pt-193
 Cross Section -100.0 To 9999. %



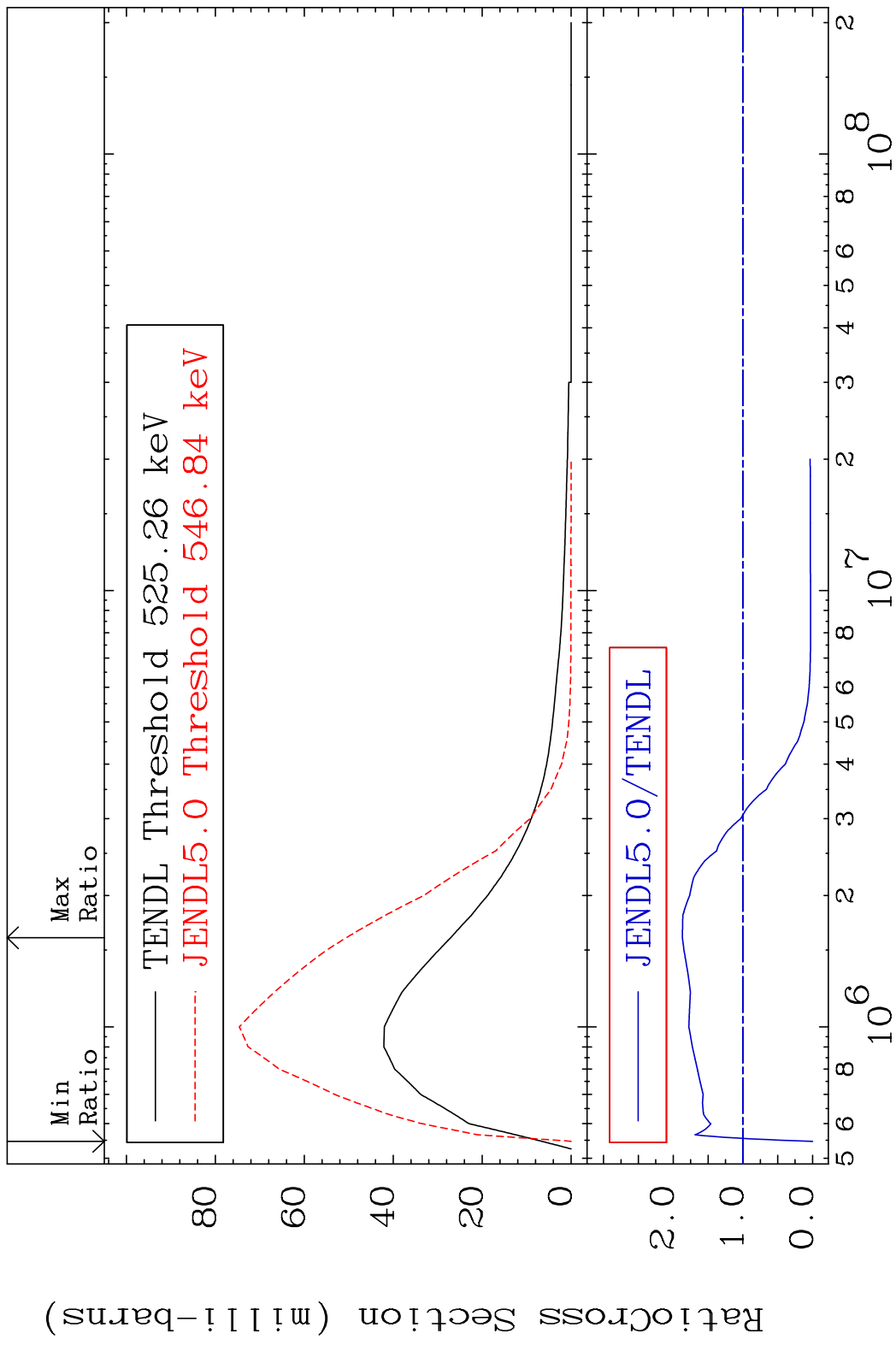
MAT 7834 MT= 69 (n, n') Level 78-Pt-193
 Cross Section -100.0 To 170.6 %



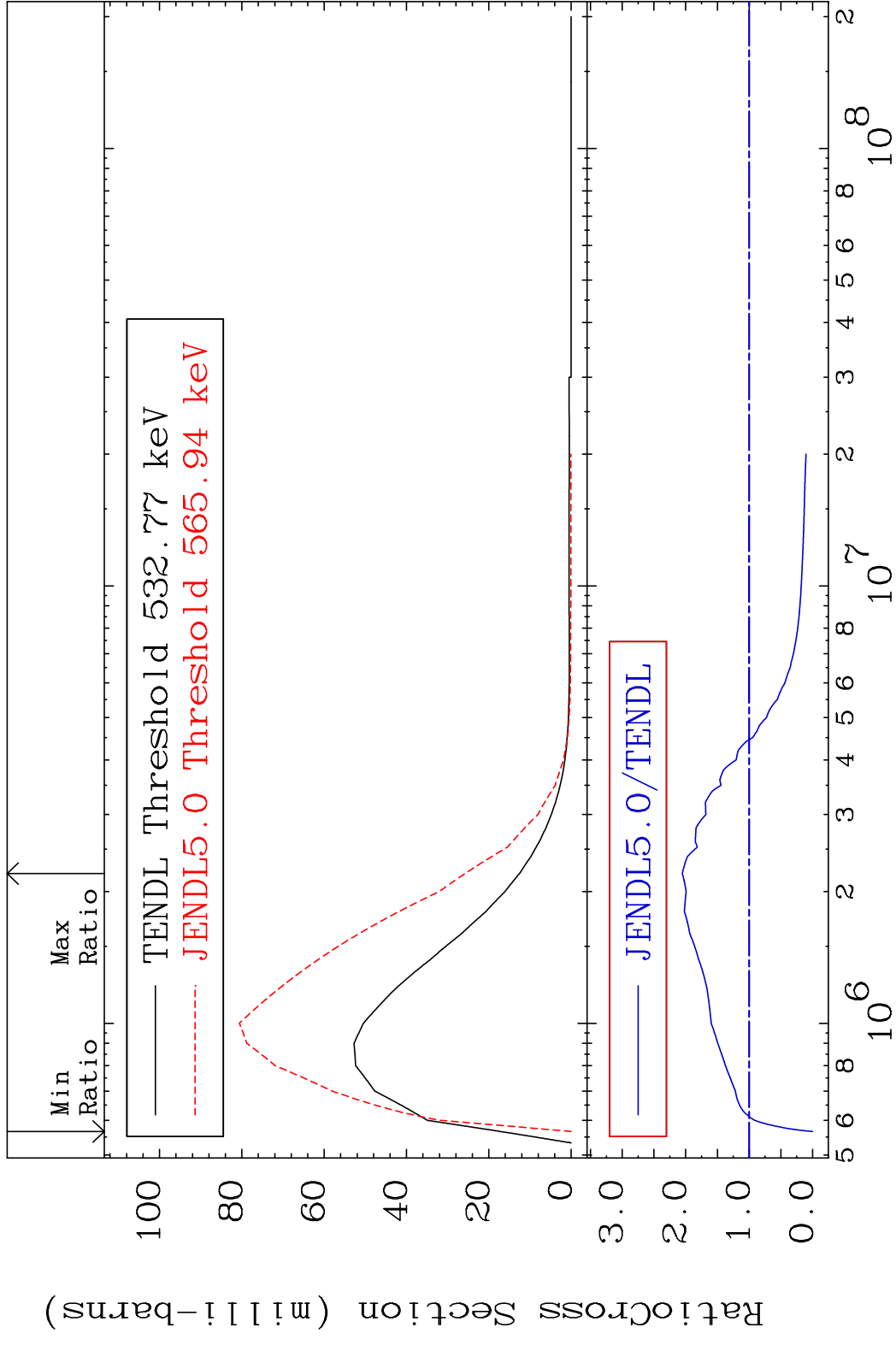
MAT 7834 MT= 70 (n,n') Level 78-Pt-193
 Cross Section -100.0 To 9999. %



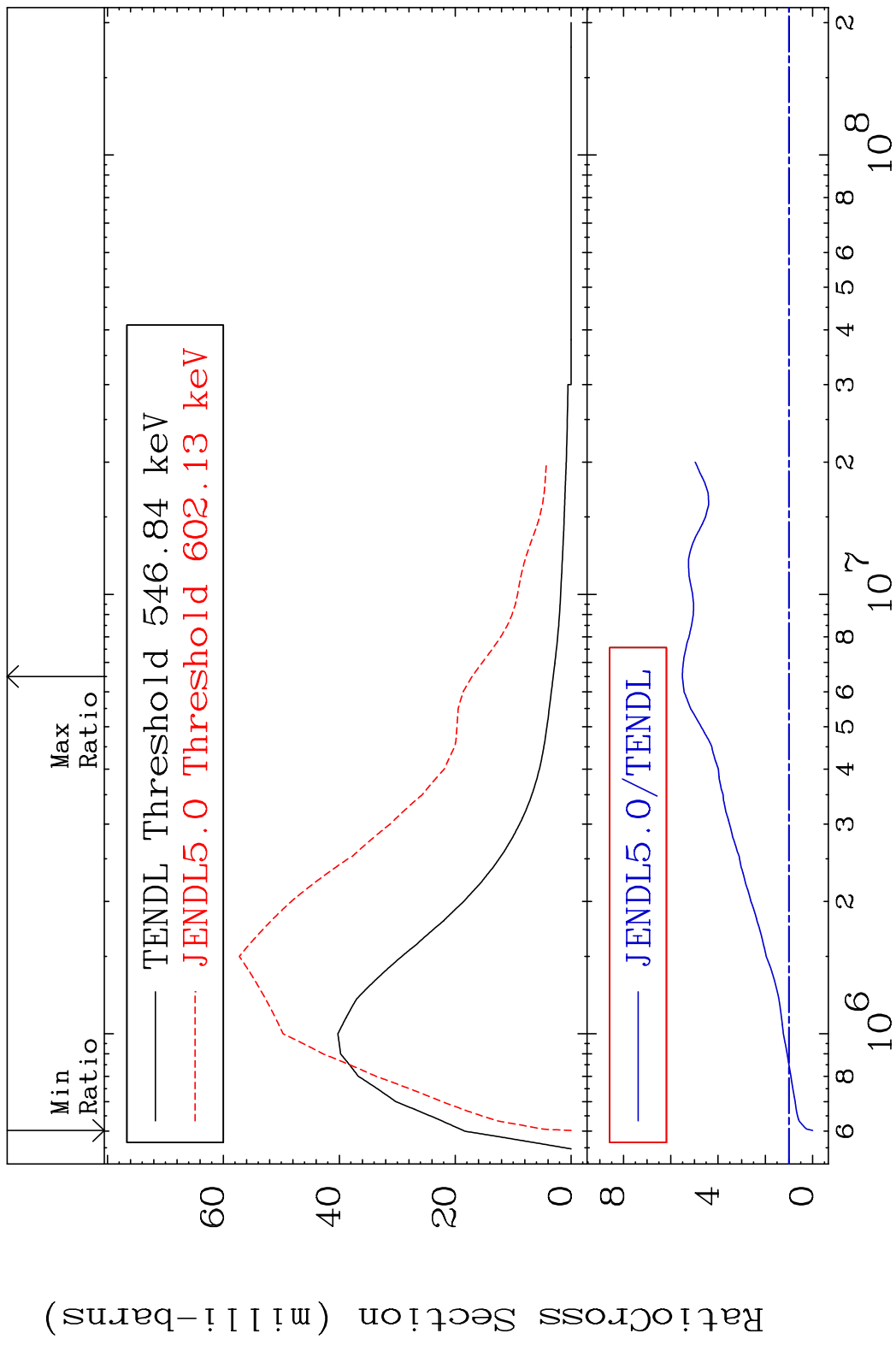
MAT 7834 MT= 71 (n, n') Level 78-Pt-193
 Cross Section -100.0 To 86.88 %



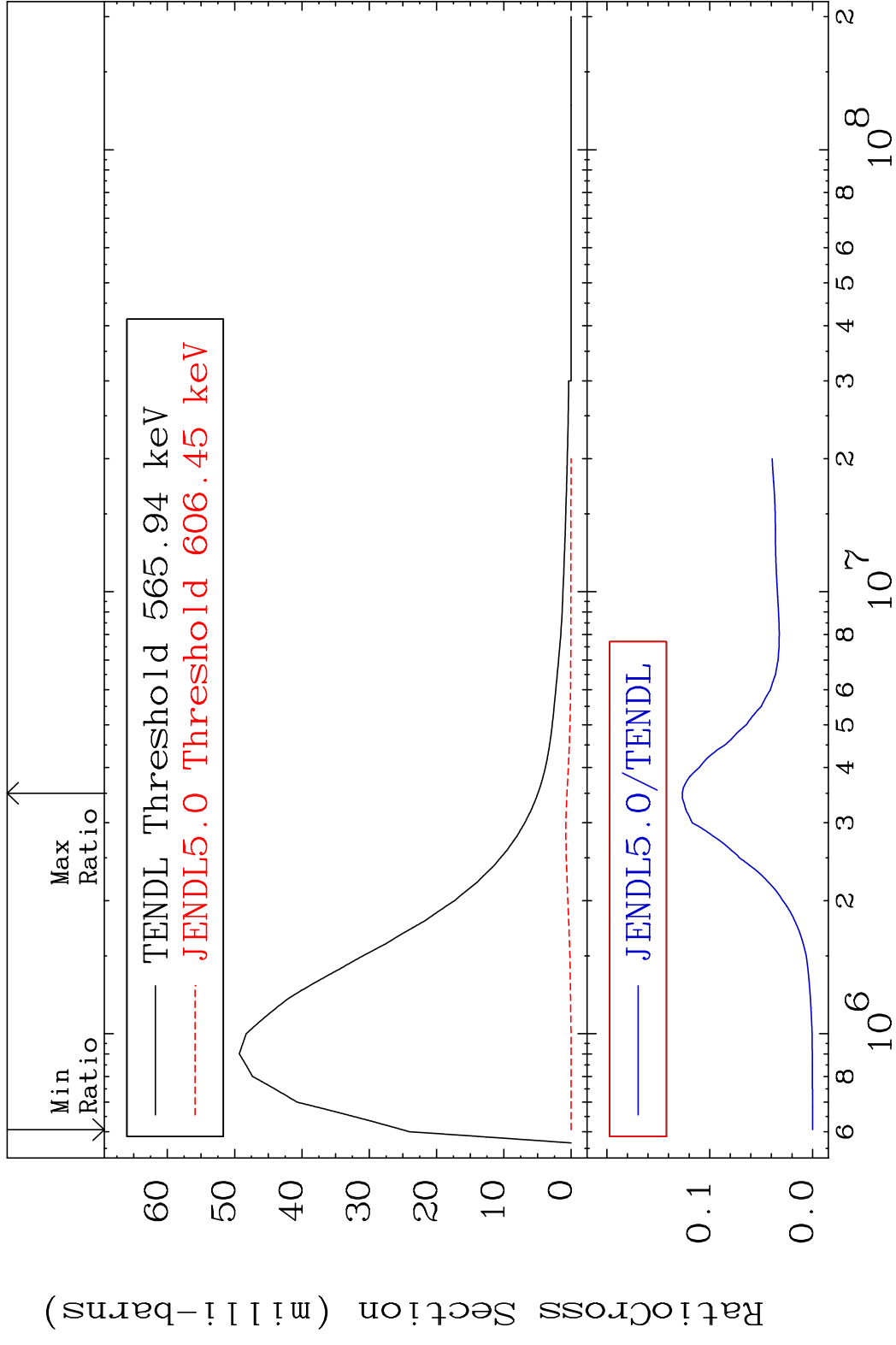
MAT 7834 MT= 72 (n, n') Level 78-Pt-193
 Cross Section -100.0 To 105.2 %



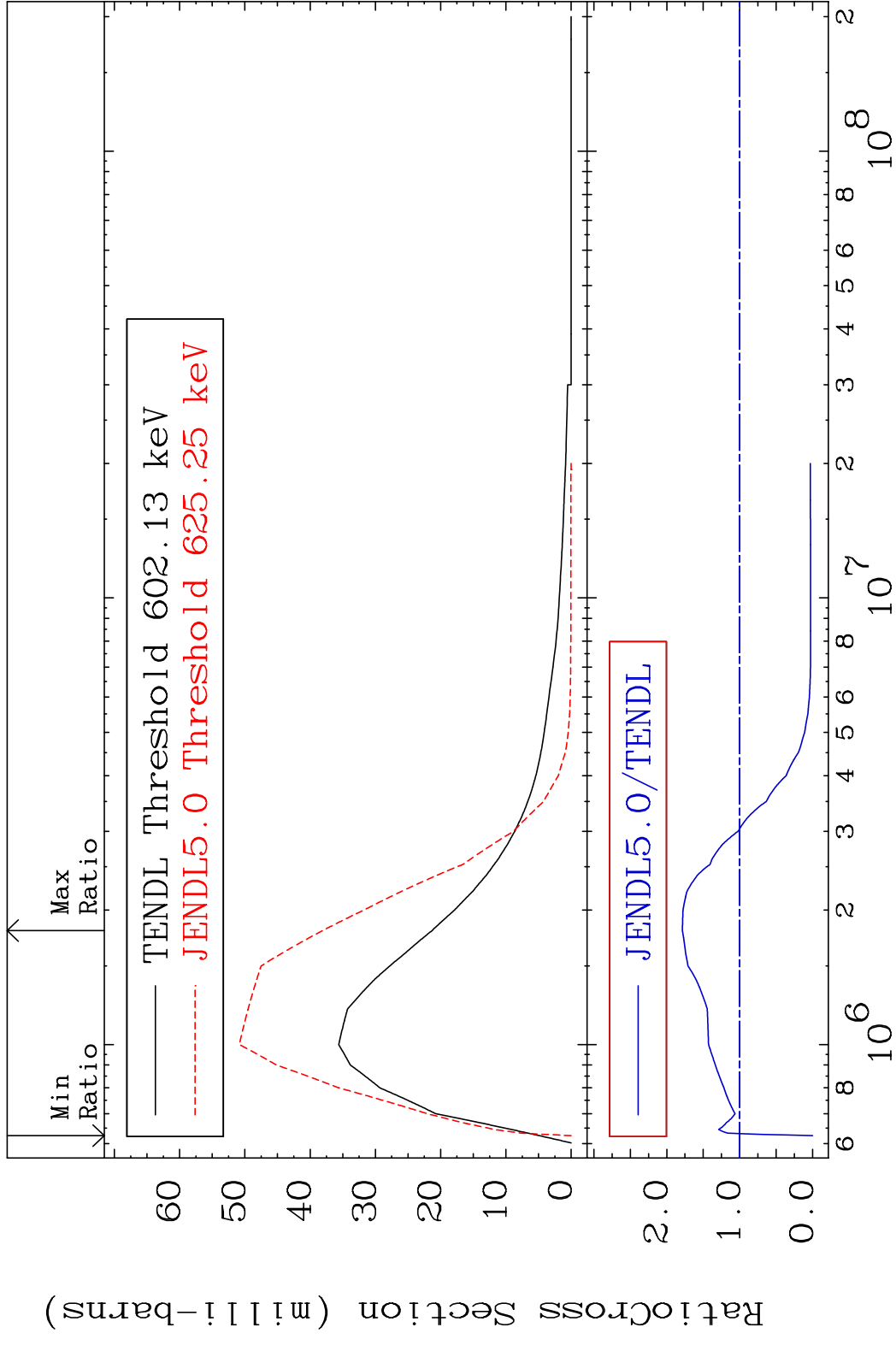
MAT 7834 MT= 73 (n, n') Level 78-Pt-193
 Cross Section -100.0 To 451.0 %



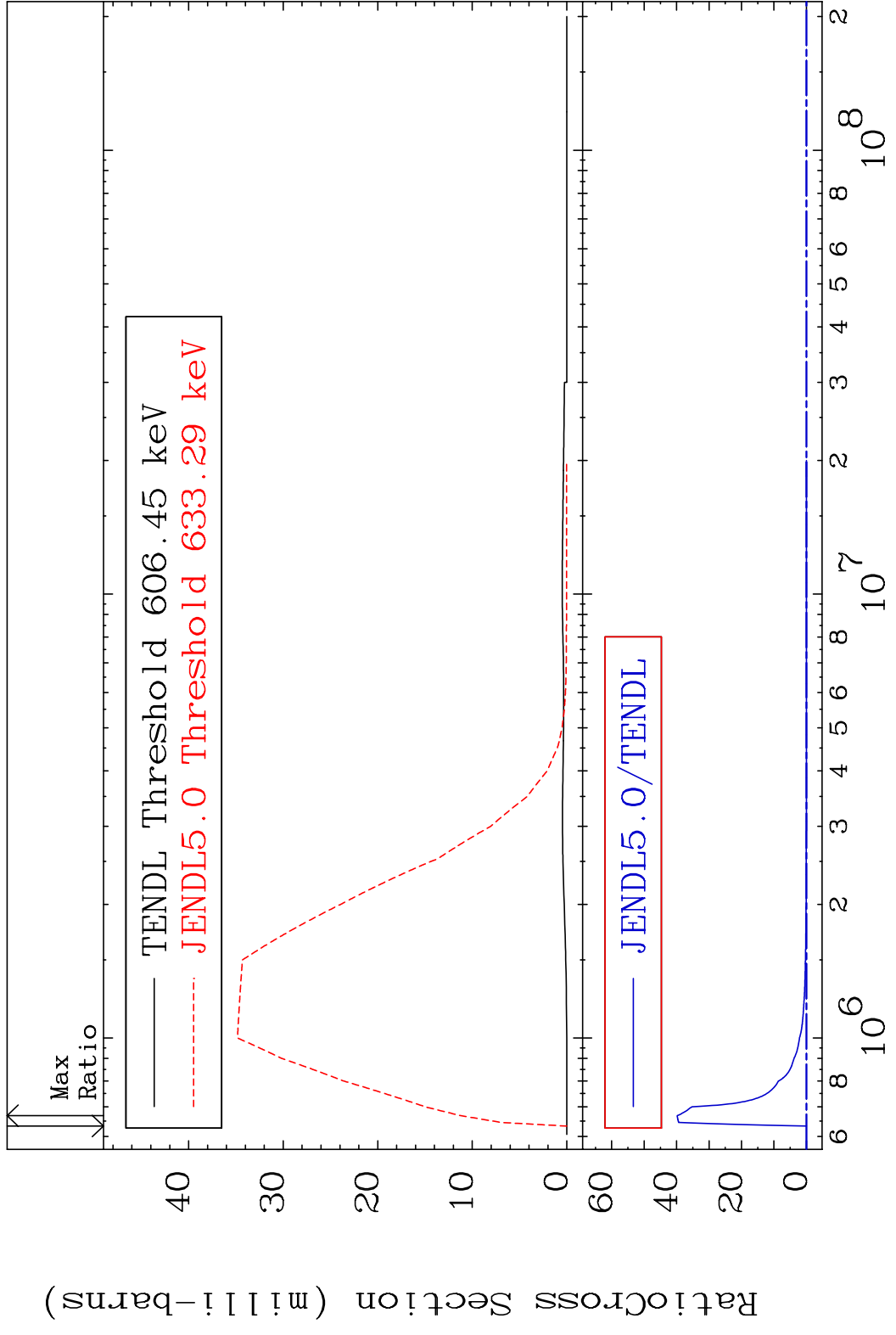
MAT 7834 MT= 74 (n,n') Level 78-Pt-193
 Cross Section -100.0 To -87.34%



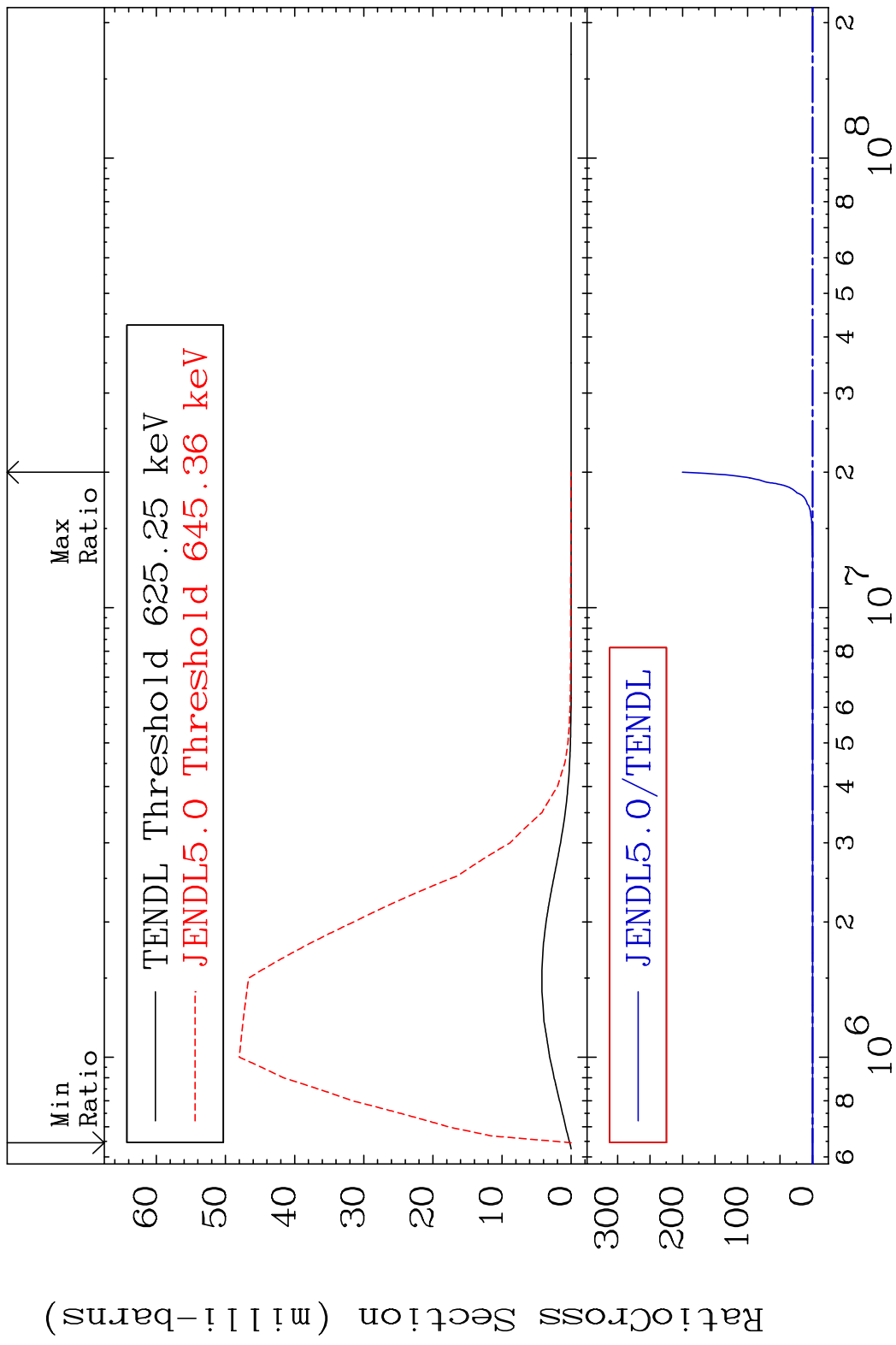
MAT 7834 MT= 75 (n,n') Level 78-Pt-193
 Cross Section -100.0 To 78.63 %



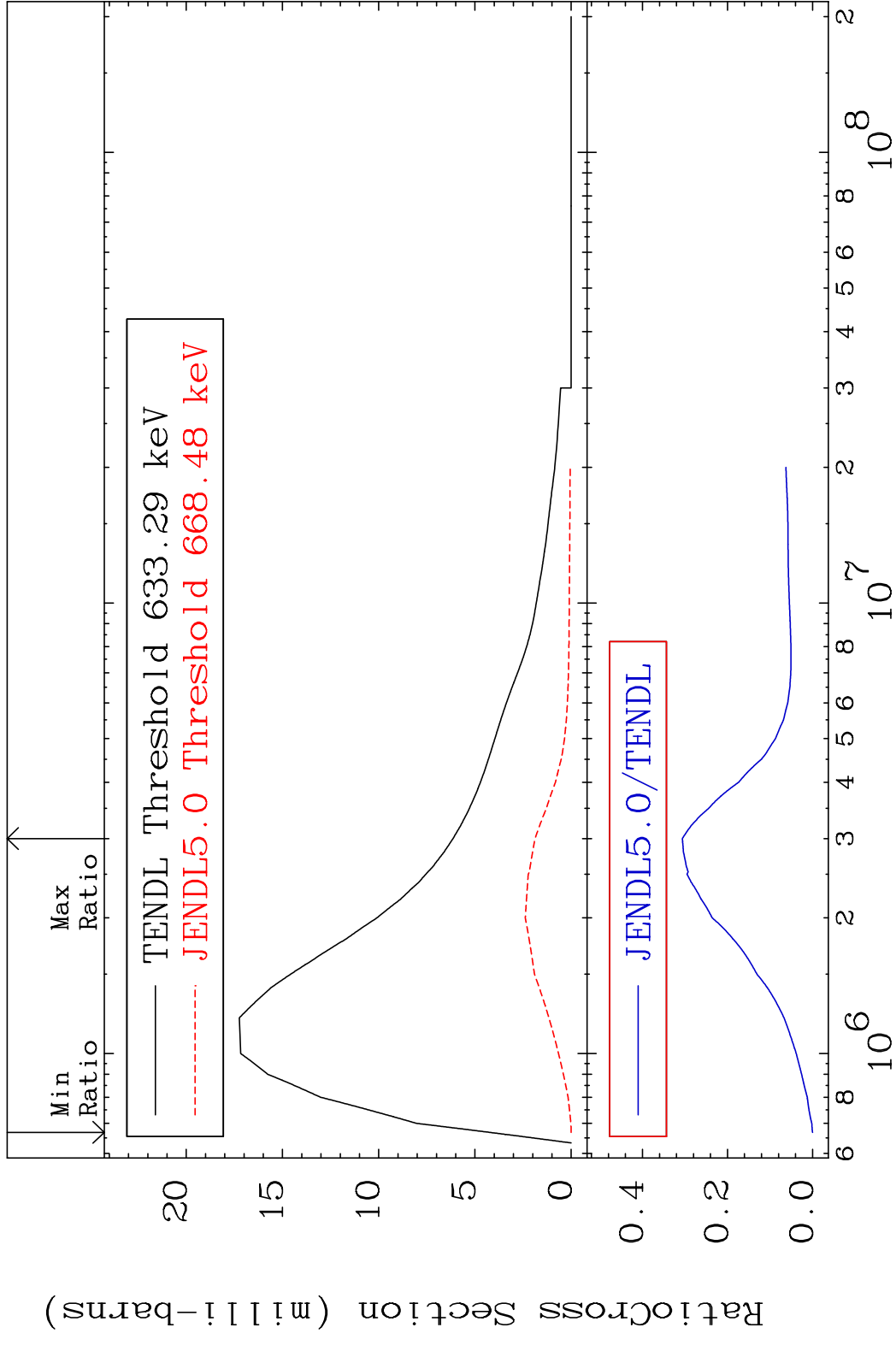
MAT 7834 MT= 76 (n,n') Level 78-Pt-193
 Cross Section -100.0 To 9999. %



MAT 7834 MT= 77 (n, n') Level 78-Pt-193
 Cross Section -100.0 To 9999. %



MAT 7834 MT= 78 (n,n') Level 78-Pt-193
 Cross Section -100.0 To -69.38%

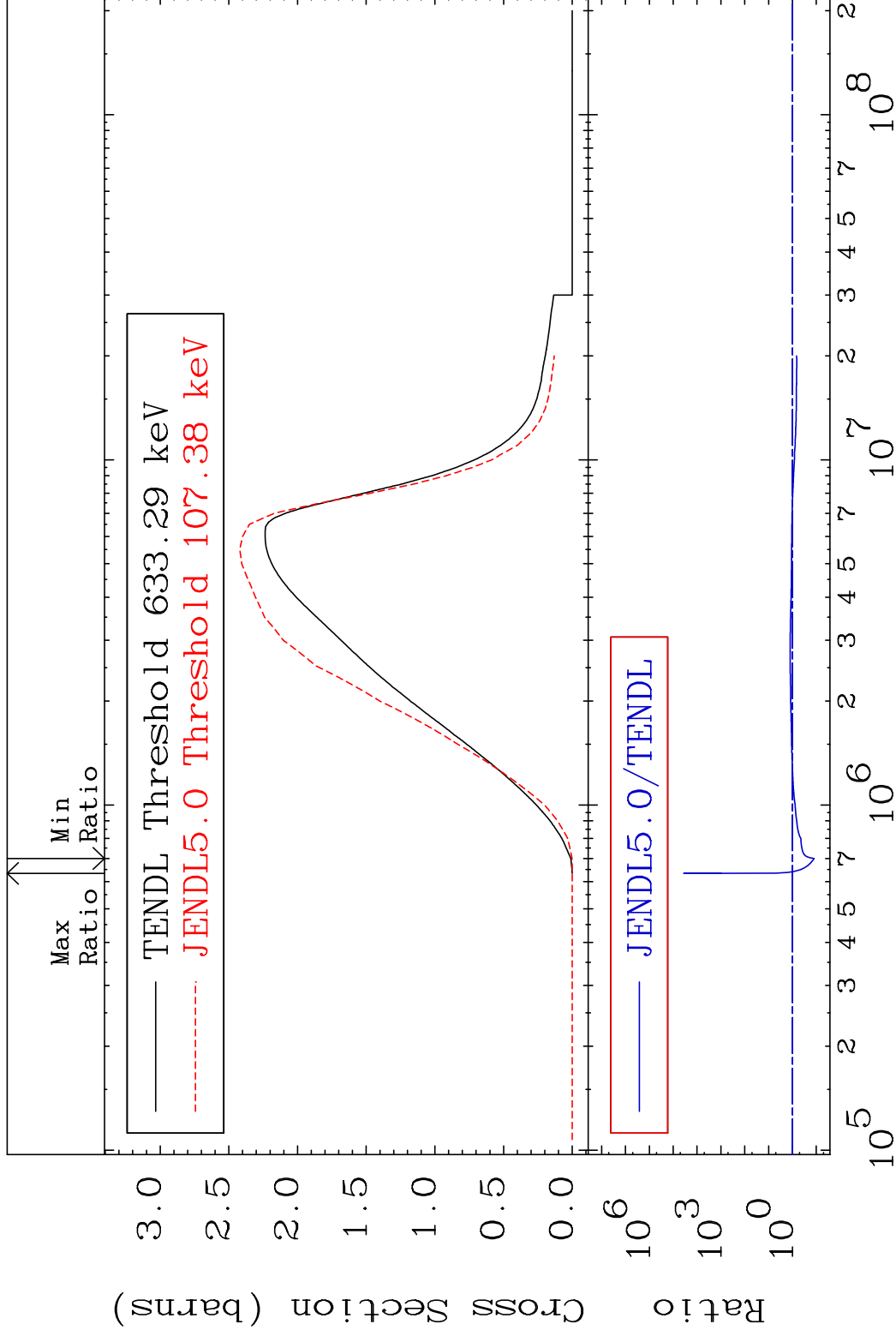


MAT 7834

(n, n') Continuum

78-Pt-193

Cross Section -87.64 To 9999. %



38

Incident Energy (eV)

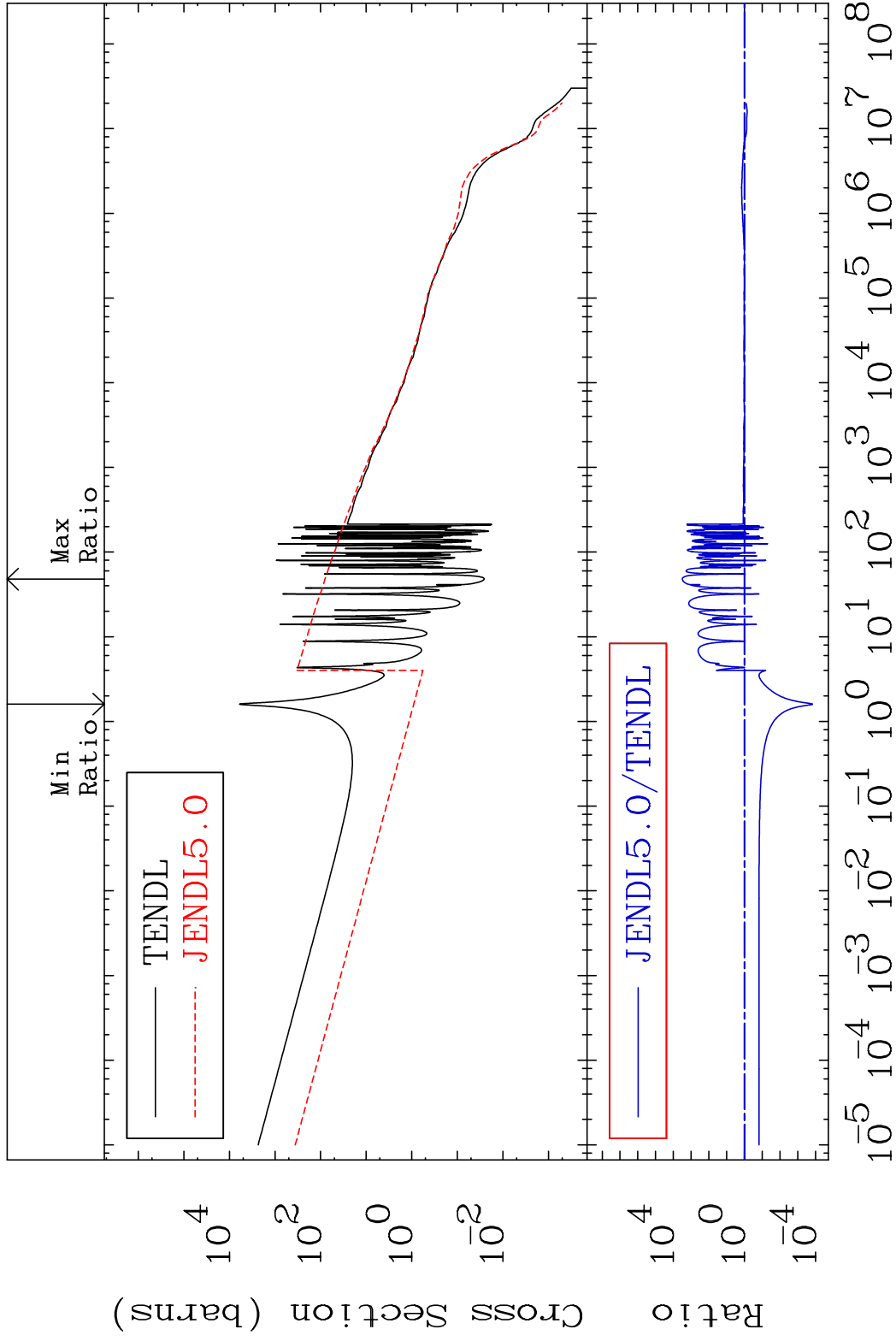
78-Pt-193

MAT 7834

(n, γ)

78-Pt-193

Cross Section -99.99 To 9999. %

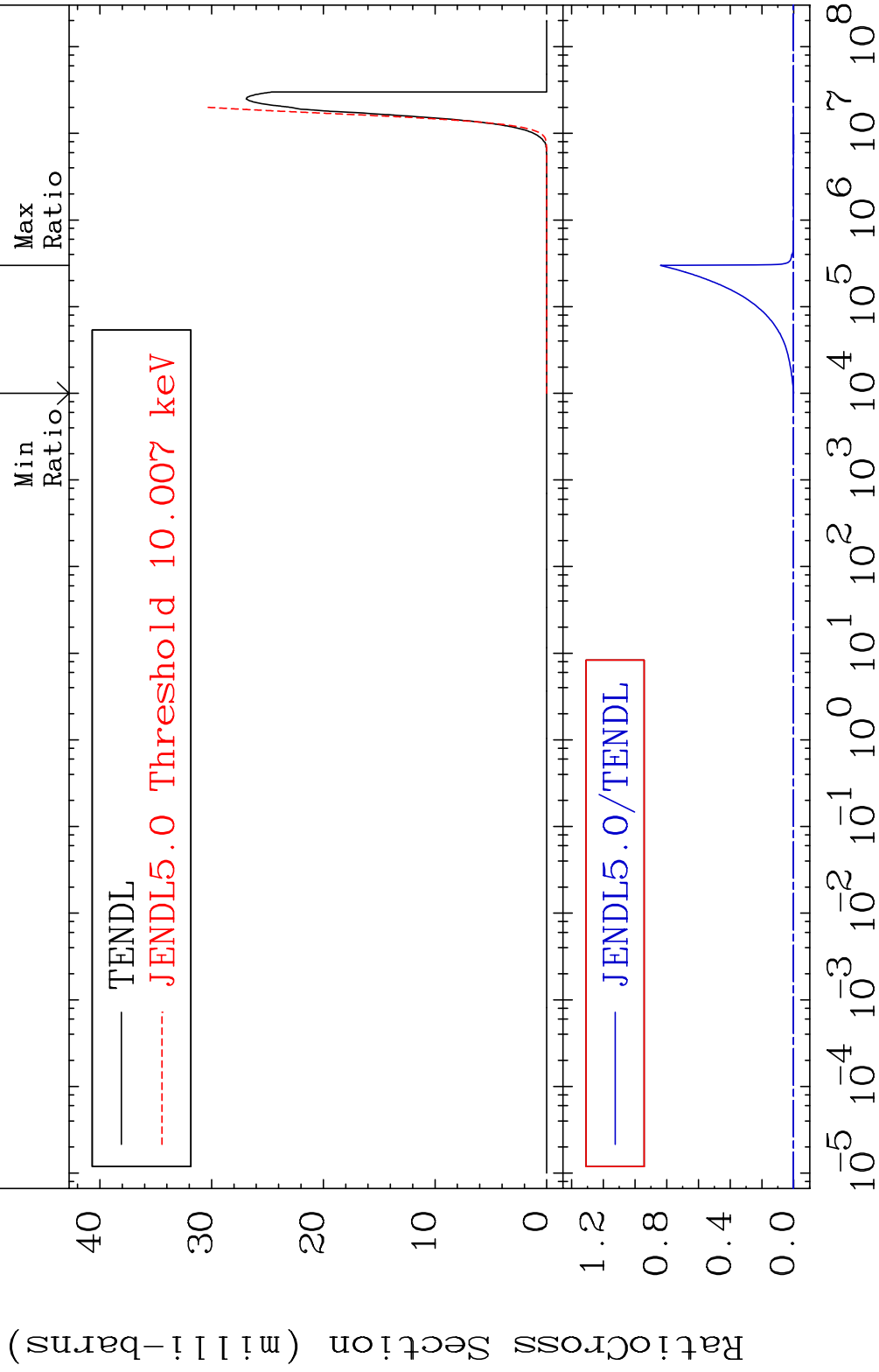


MAT 7834

(n, p)

78-Pt-193

Cross Section -100.0 To 9999. %

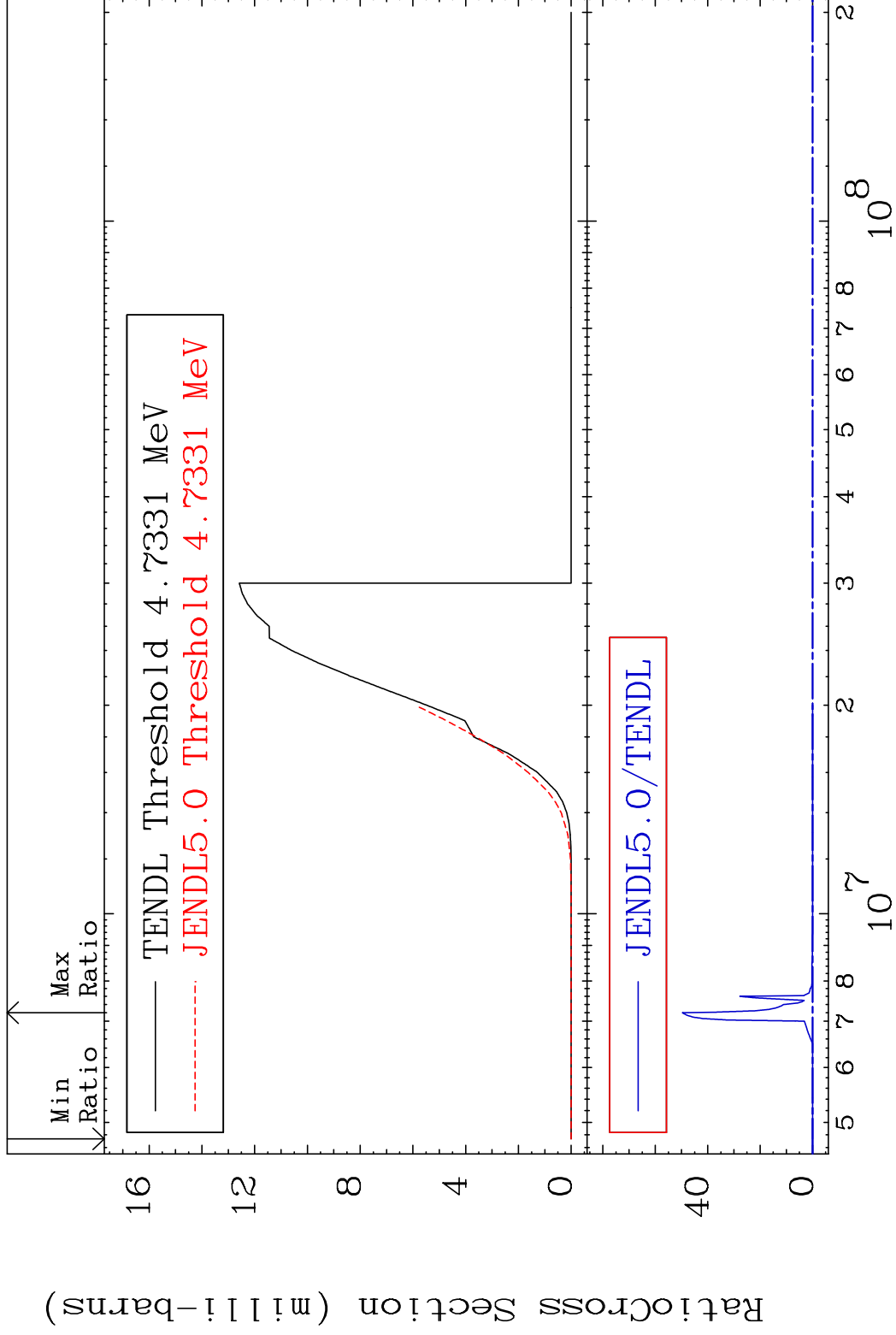


MAT 7834

(n,d)

78-Pt-193

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

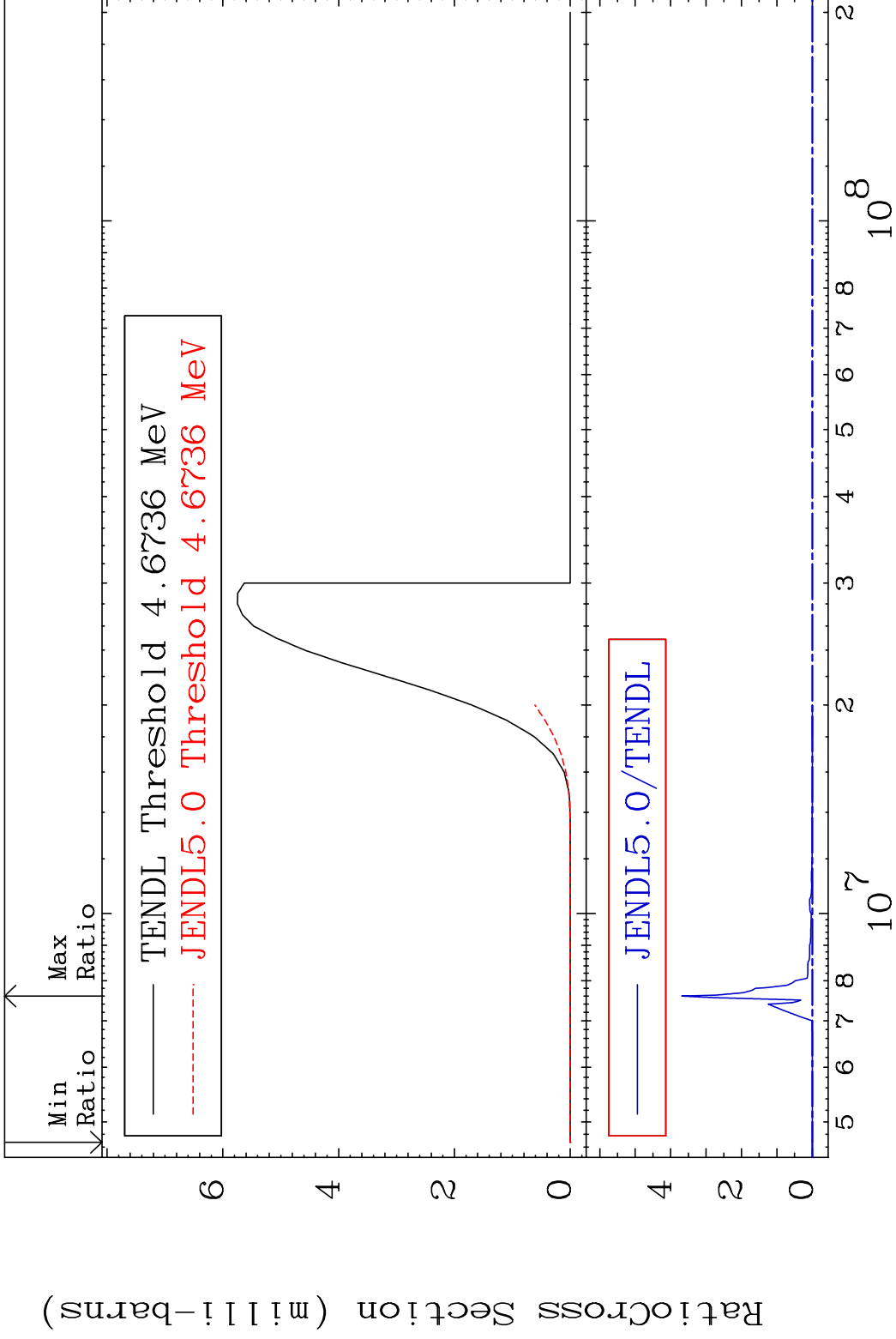
78-Pt-193

MAT 7834

(n, t)

78-Pt-193

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

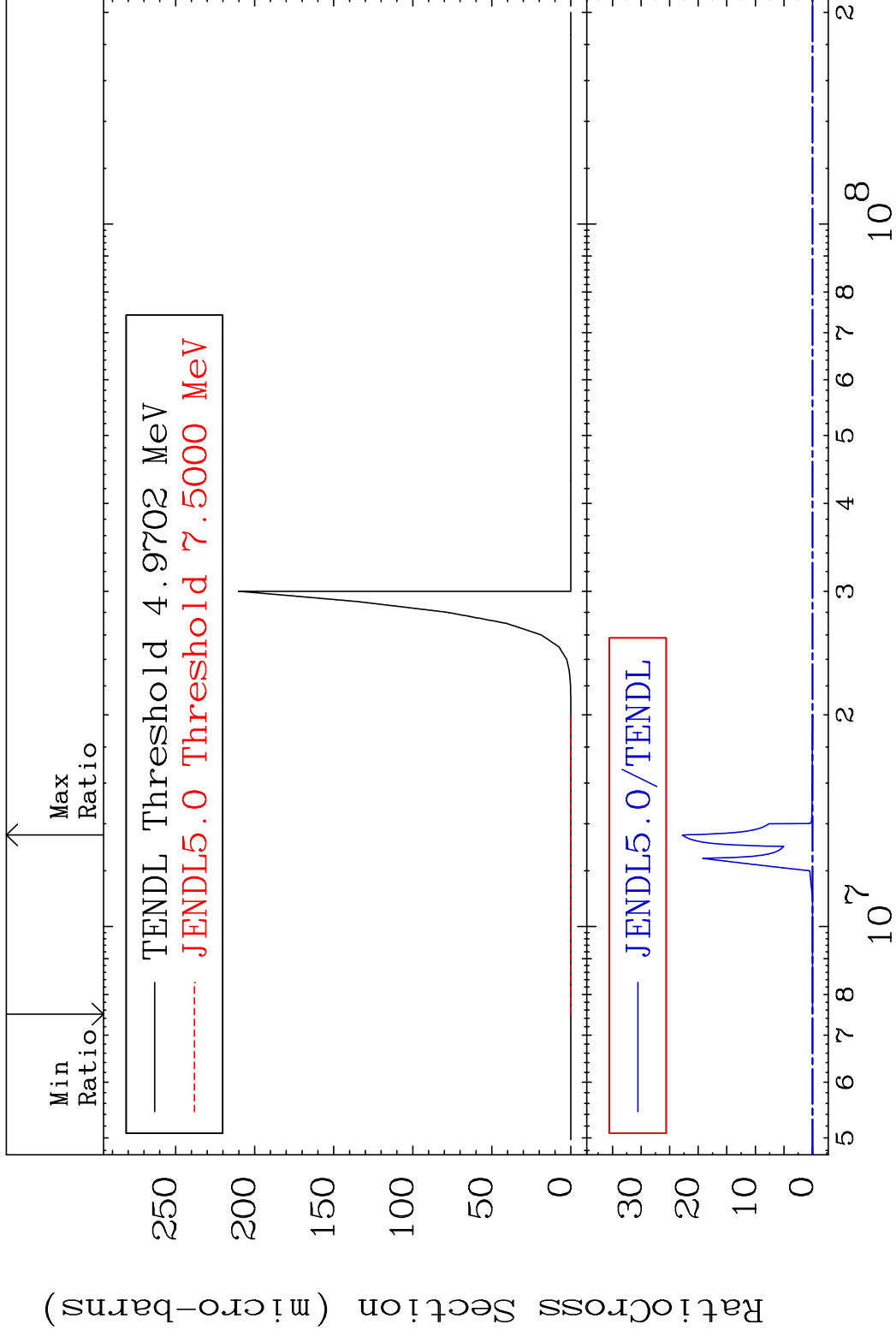
78-Pt-193

MAT 7834

(n, He-3)

78-Pt-193

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

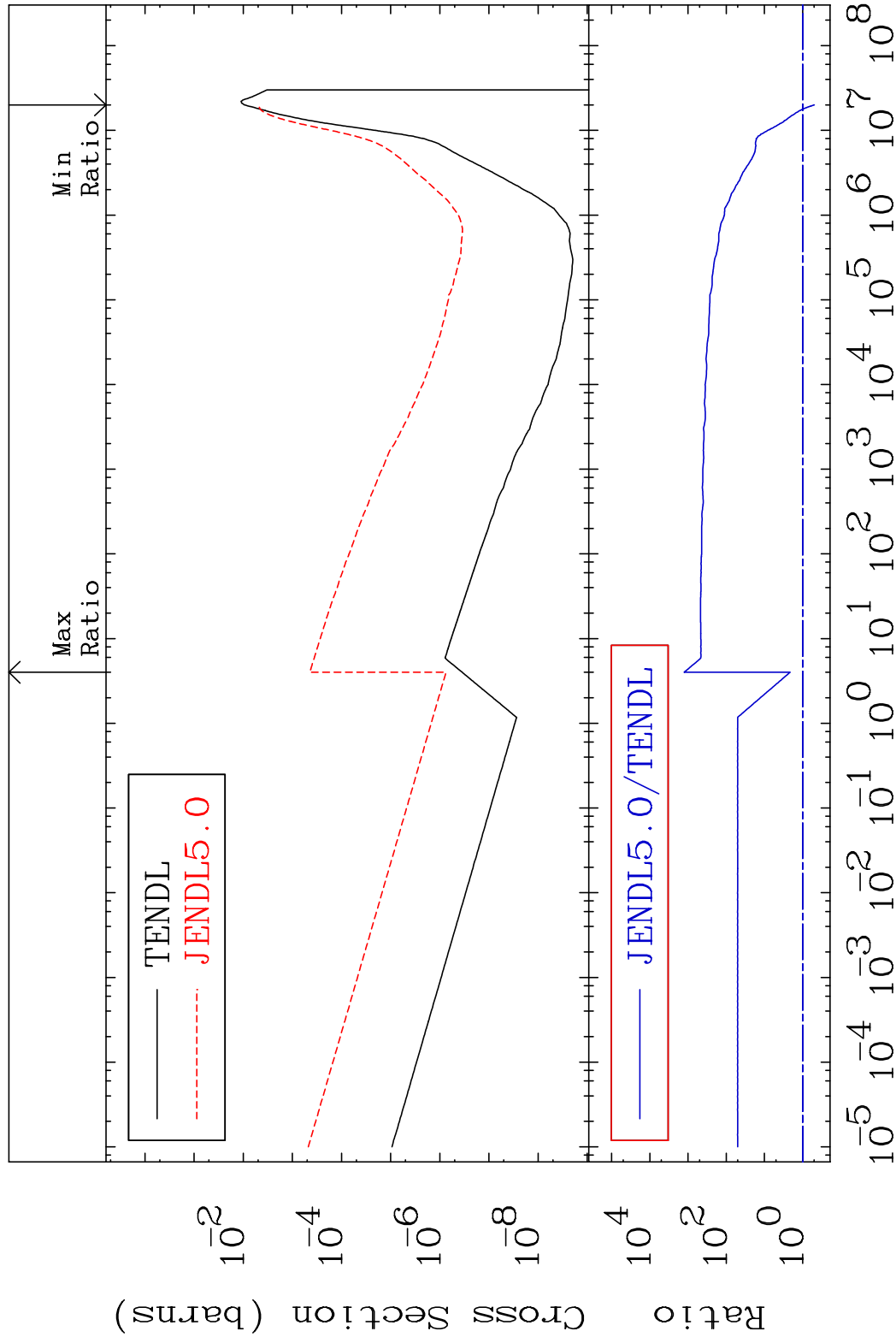
78-Pt-193

MAT 7834

(n, α)

78-Pt-193

Cross Section -50.38 To 9999. %



44

Incident Energy (eV)

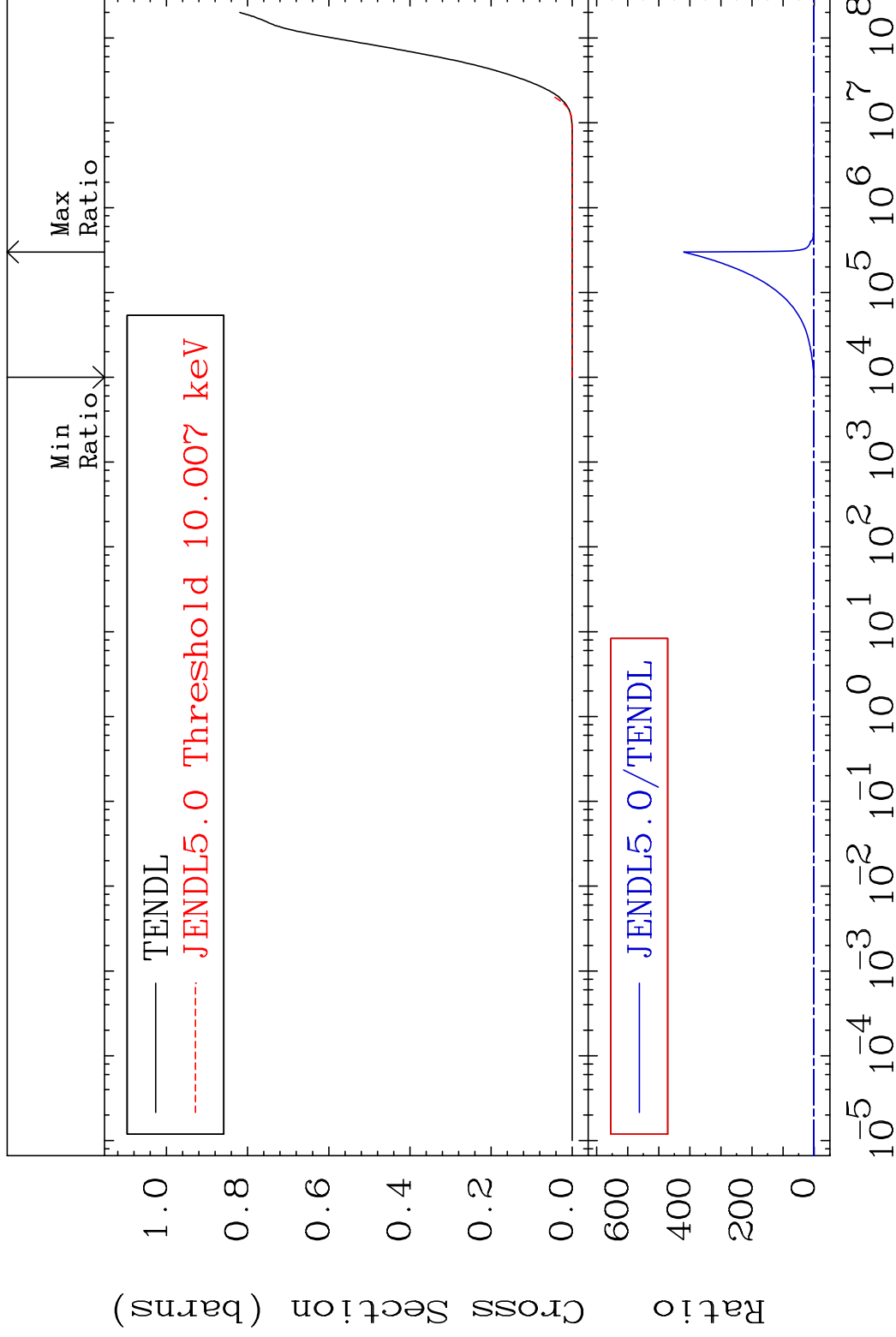
78-Pt-193

MAT 7834

Hydrogen Production

78-Pt-193

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

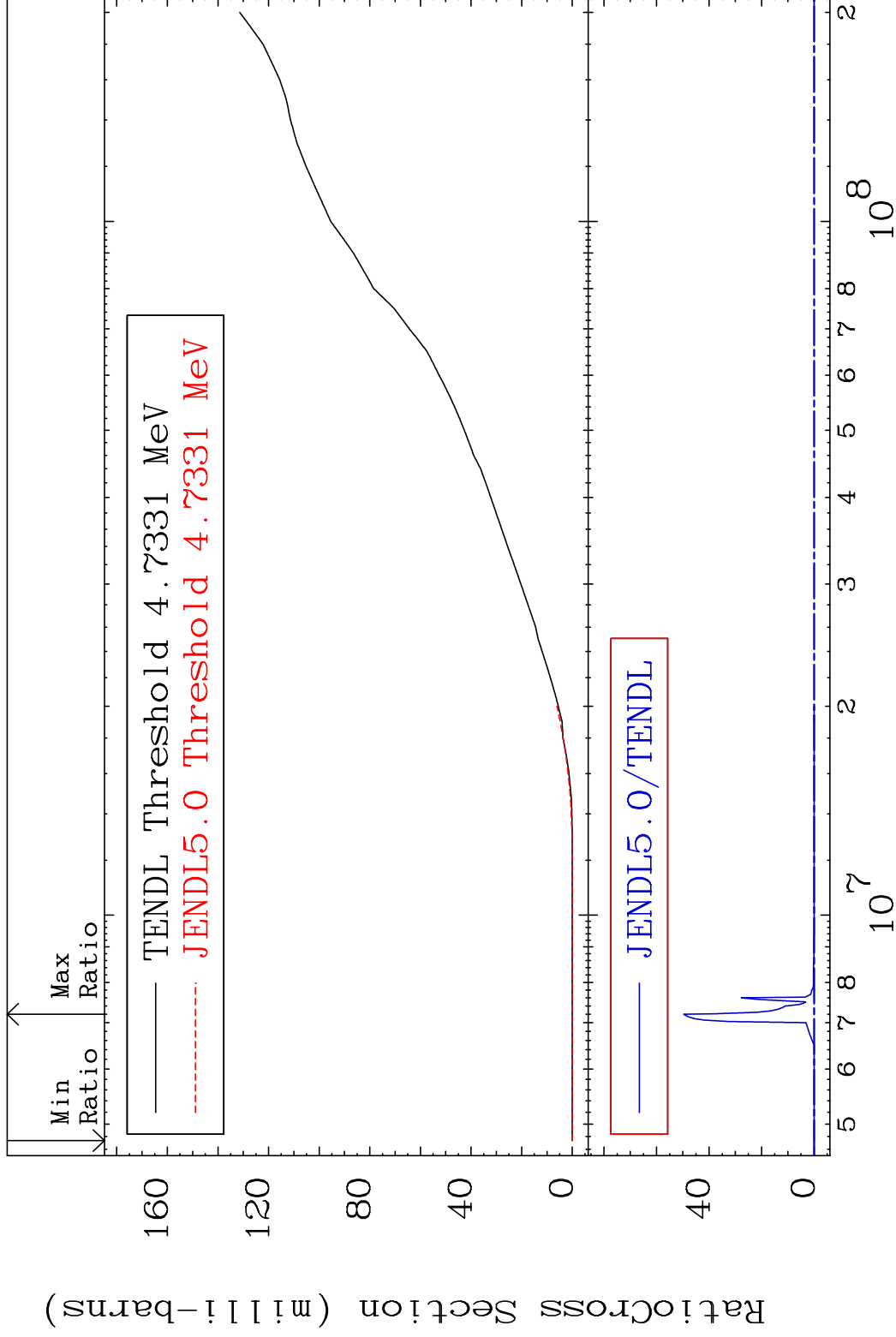
78-Pt-193

MAT 7834

Deuterium Production

78-Pt-193

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

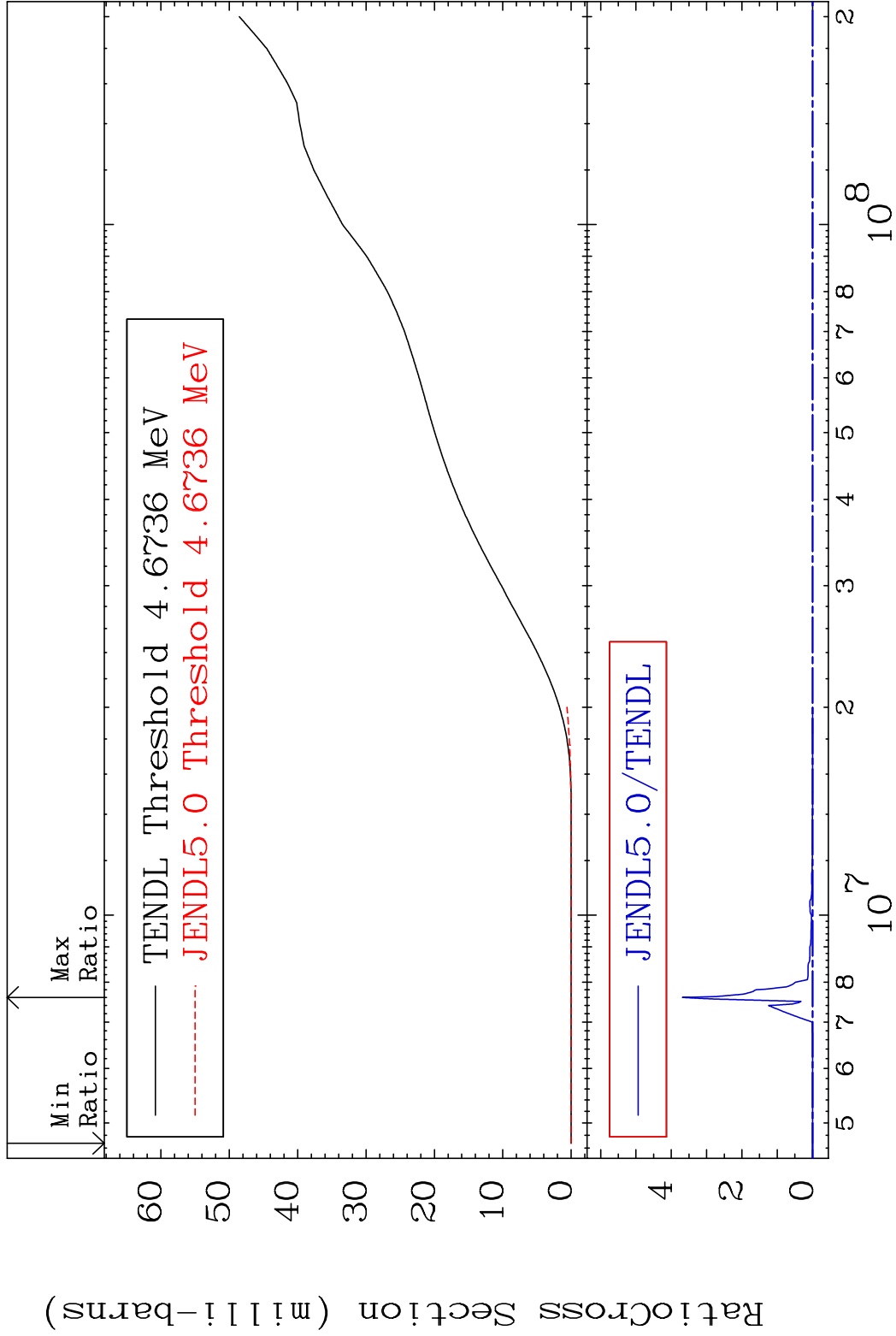
78-Pt-193

MAT 7834

Tritium Production

78-Pt-193

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

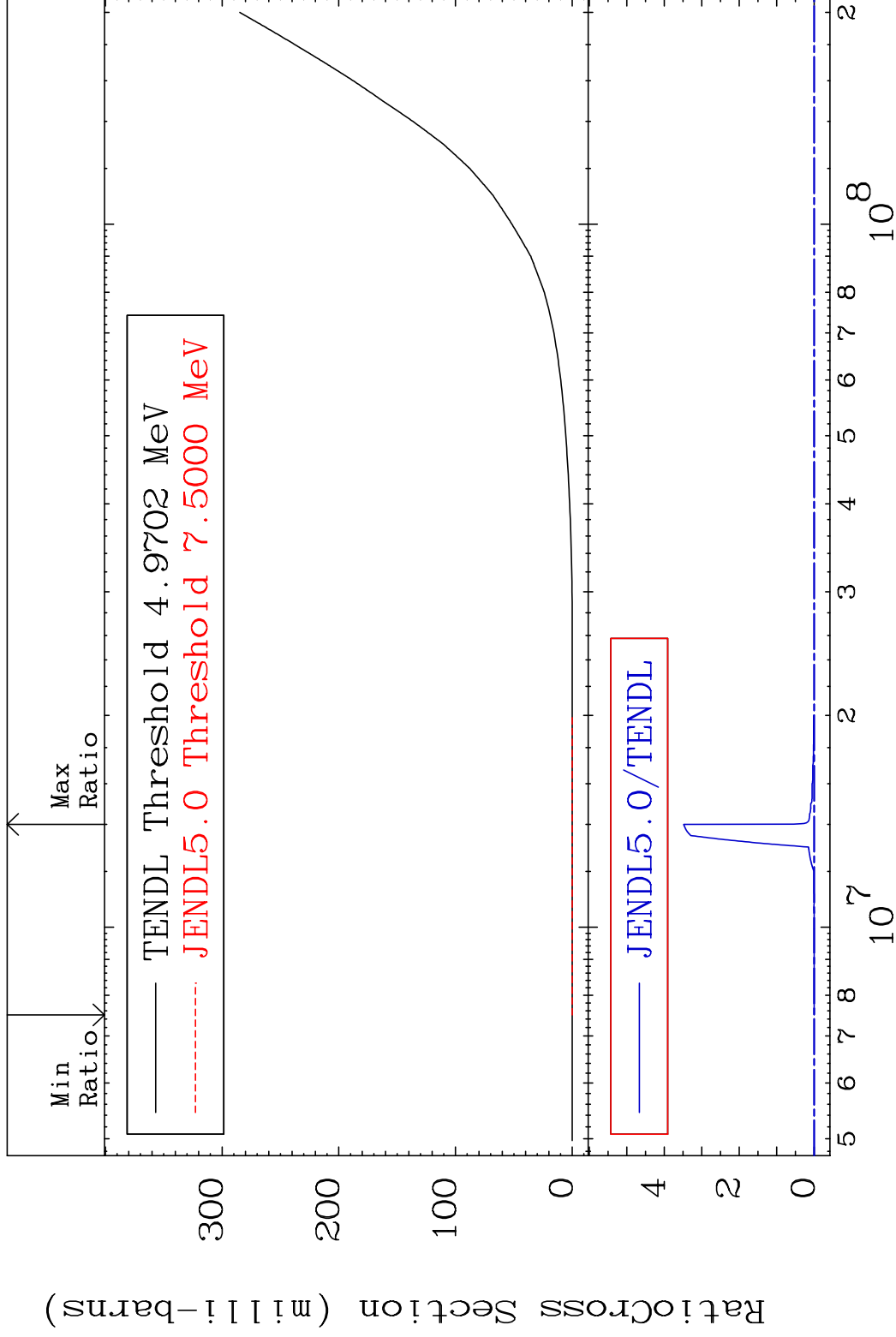
78-Pt-193

MAT 7834

He-3 Production

78-Pt-193

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

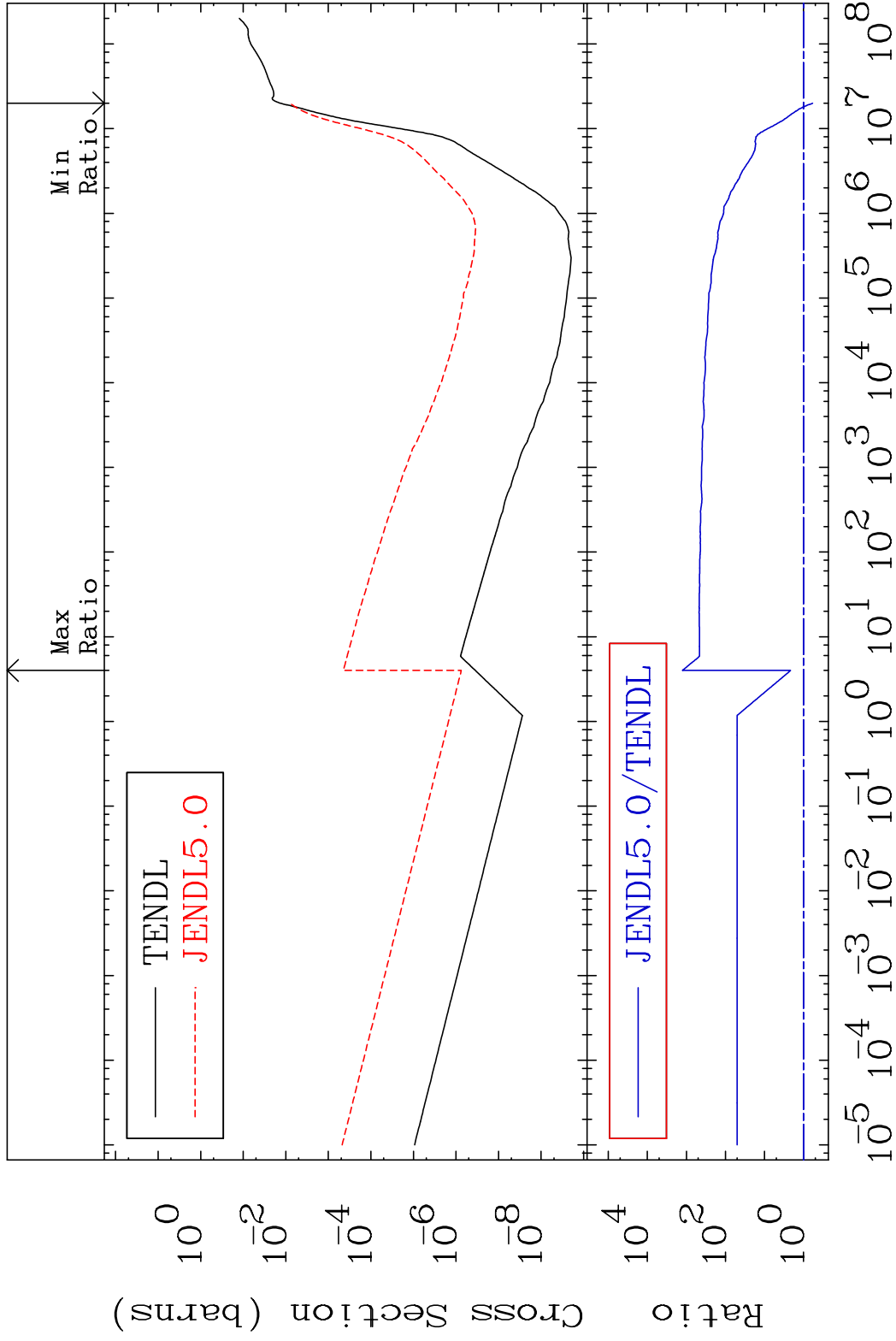
78-Pt-193

MAT 7834

He-4 Production

78-Pt-193

Cross Section -41.30 To 9999. %

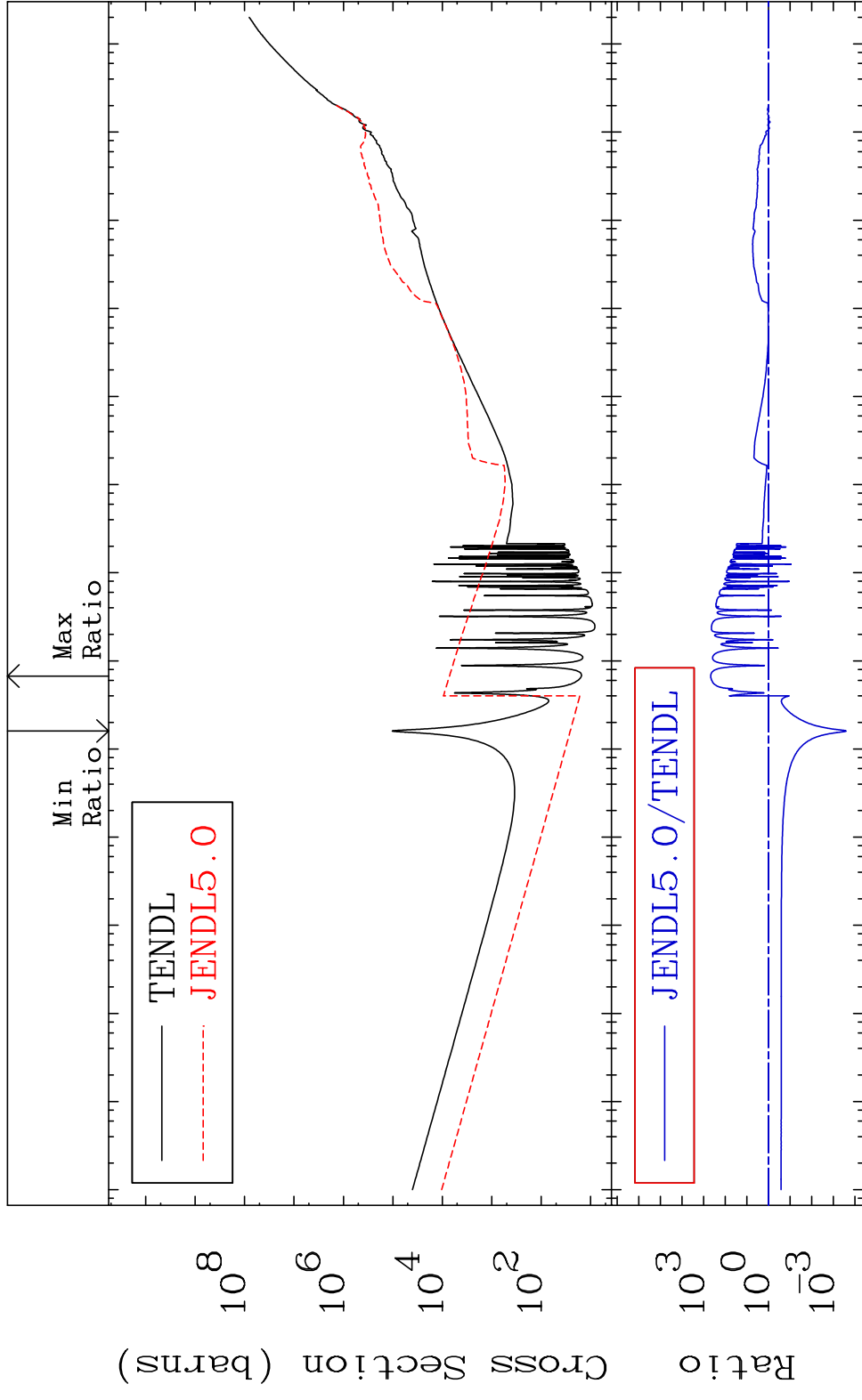


49

Incident Energy (eV)

78-Pt-193

MAT 7834 Kerma total (eV-barns) 78-Pt-193
 Cross Section -99.98 To 9999. %

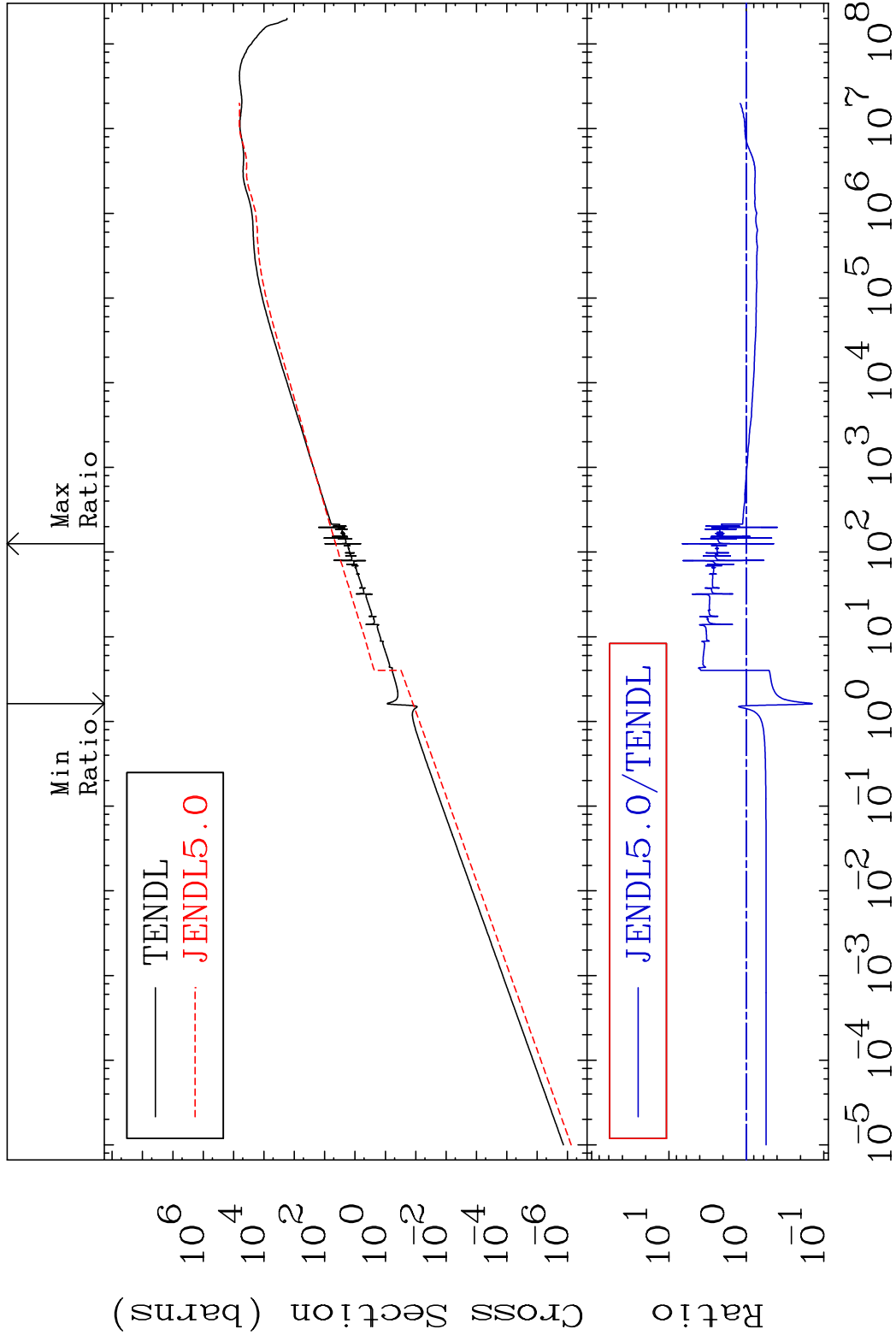


MAT 7834

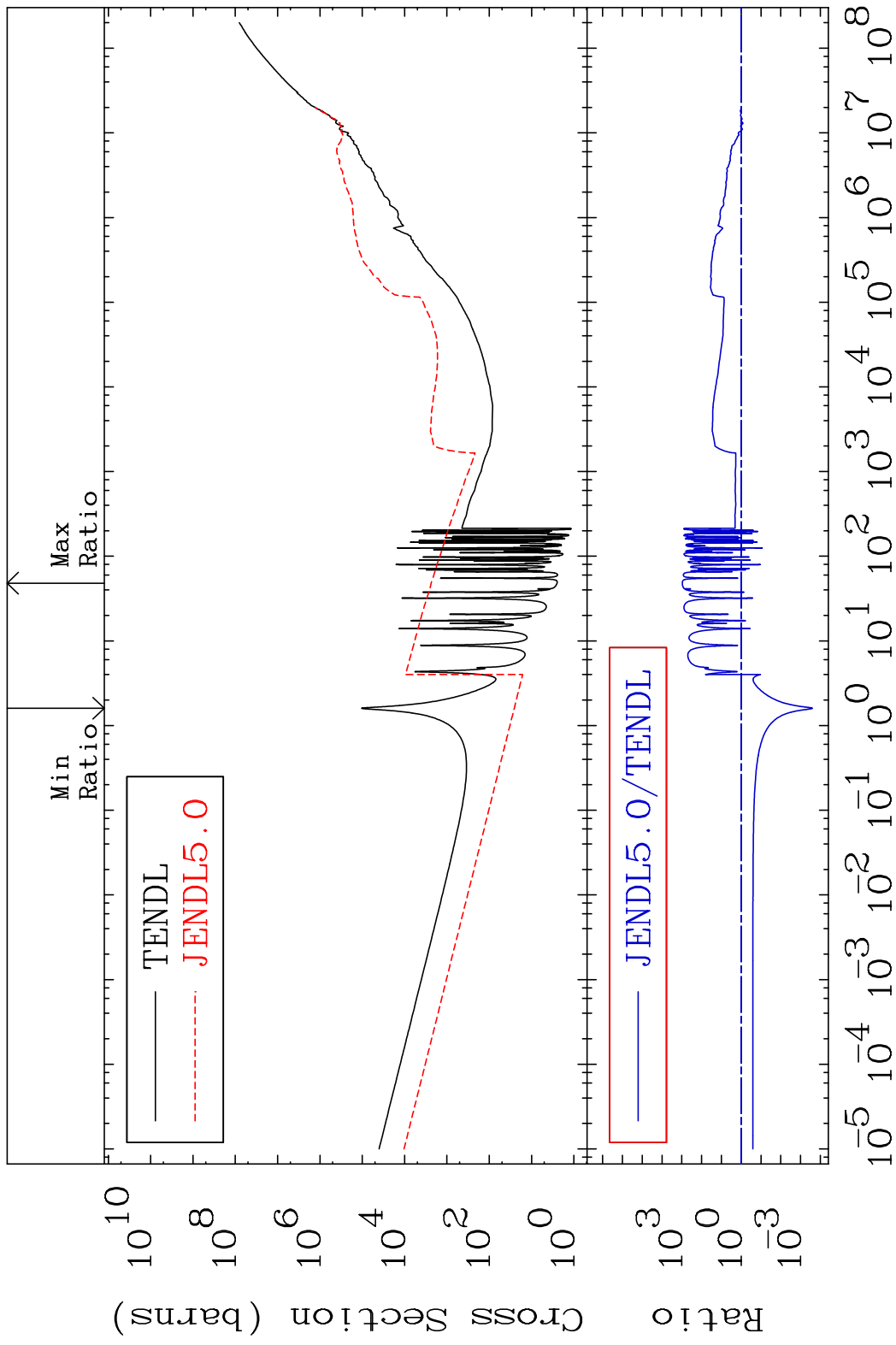
Kerma elastic
Cross Section

78-Pt-193

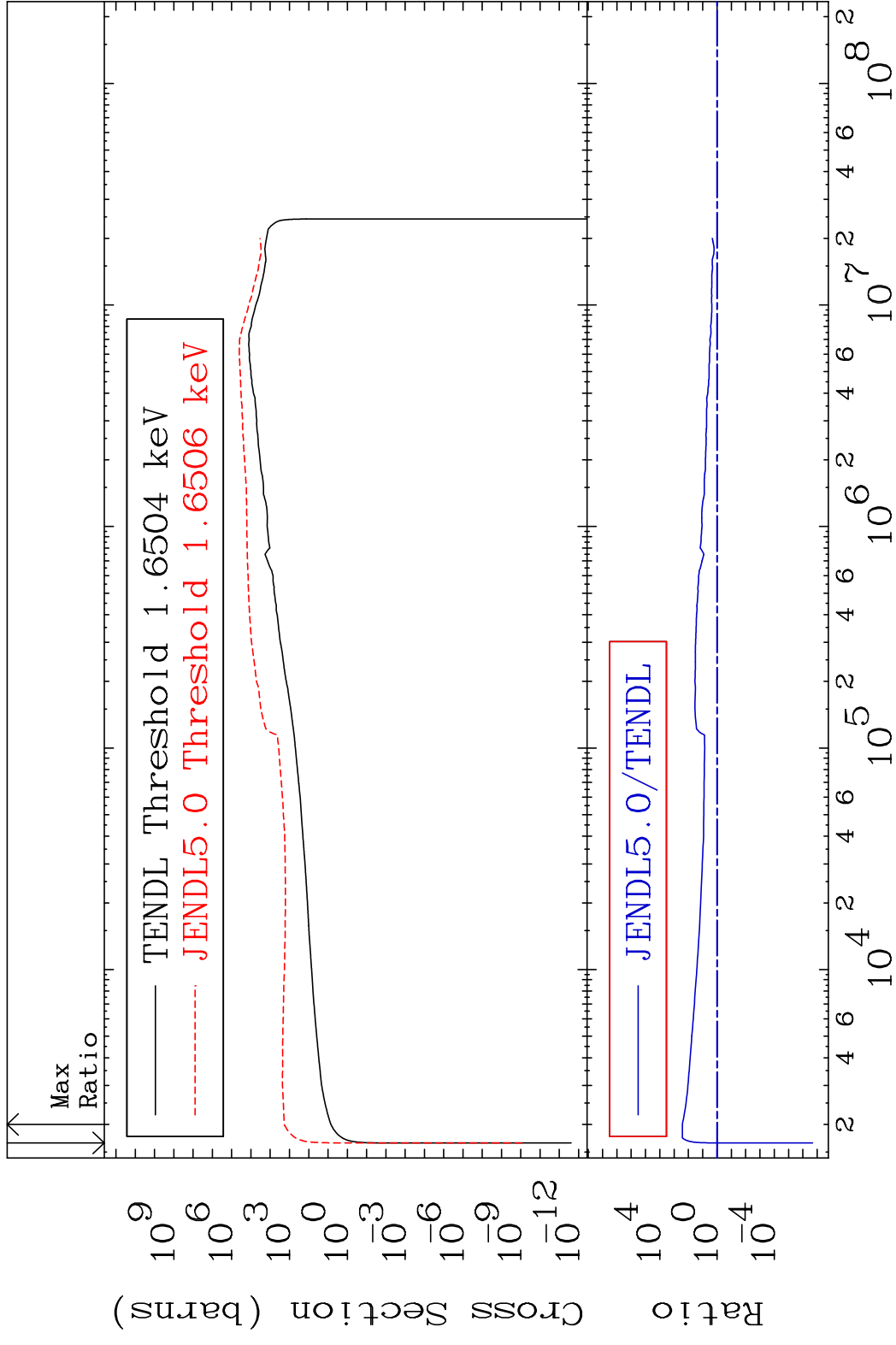
-86.06 To 571.9 %



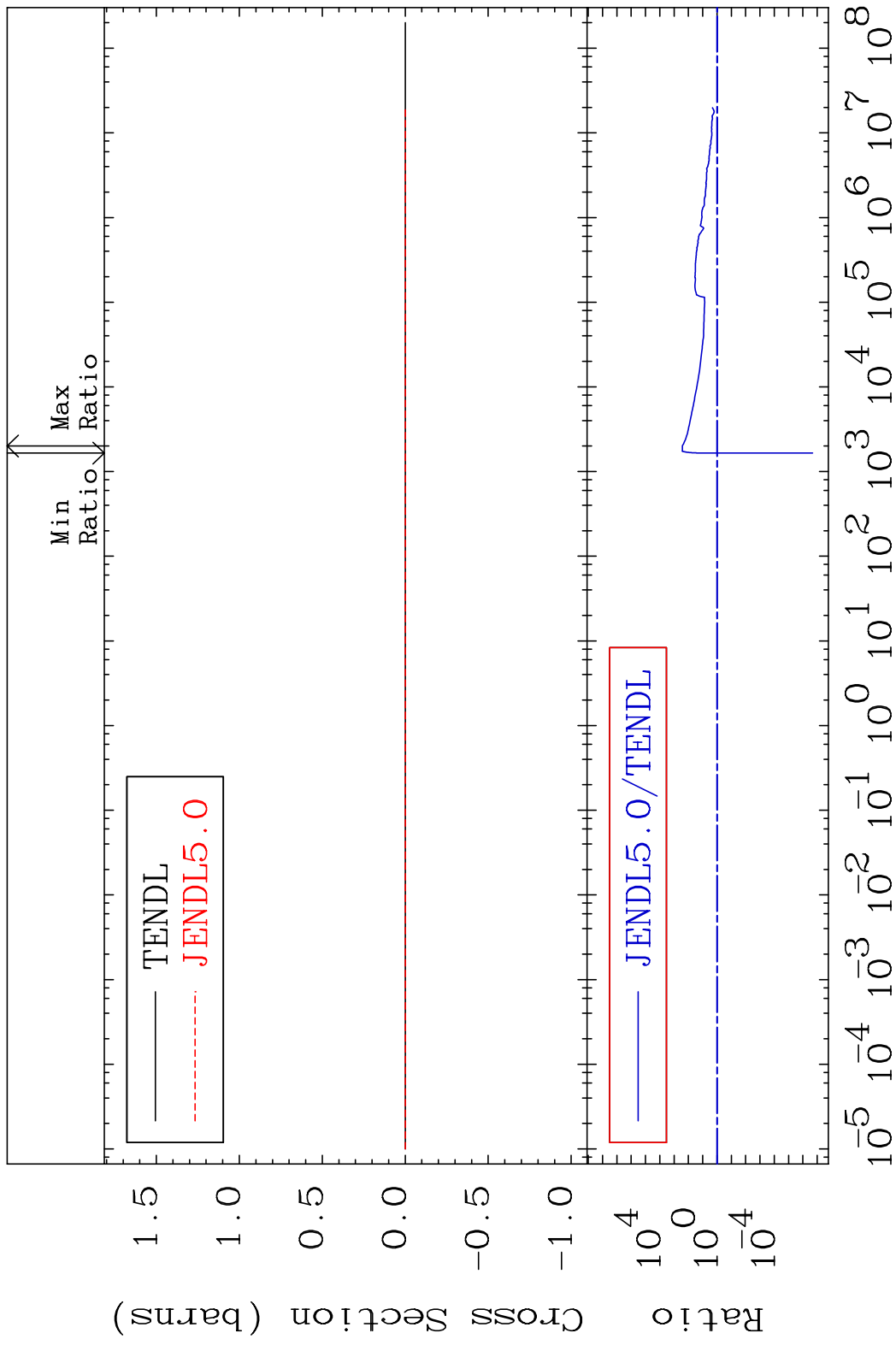
MAT 7834 Kerma non-elastic (all but mt2) 78-Pt-193
 Cross Section -99.98 To 9999. %

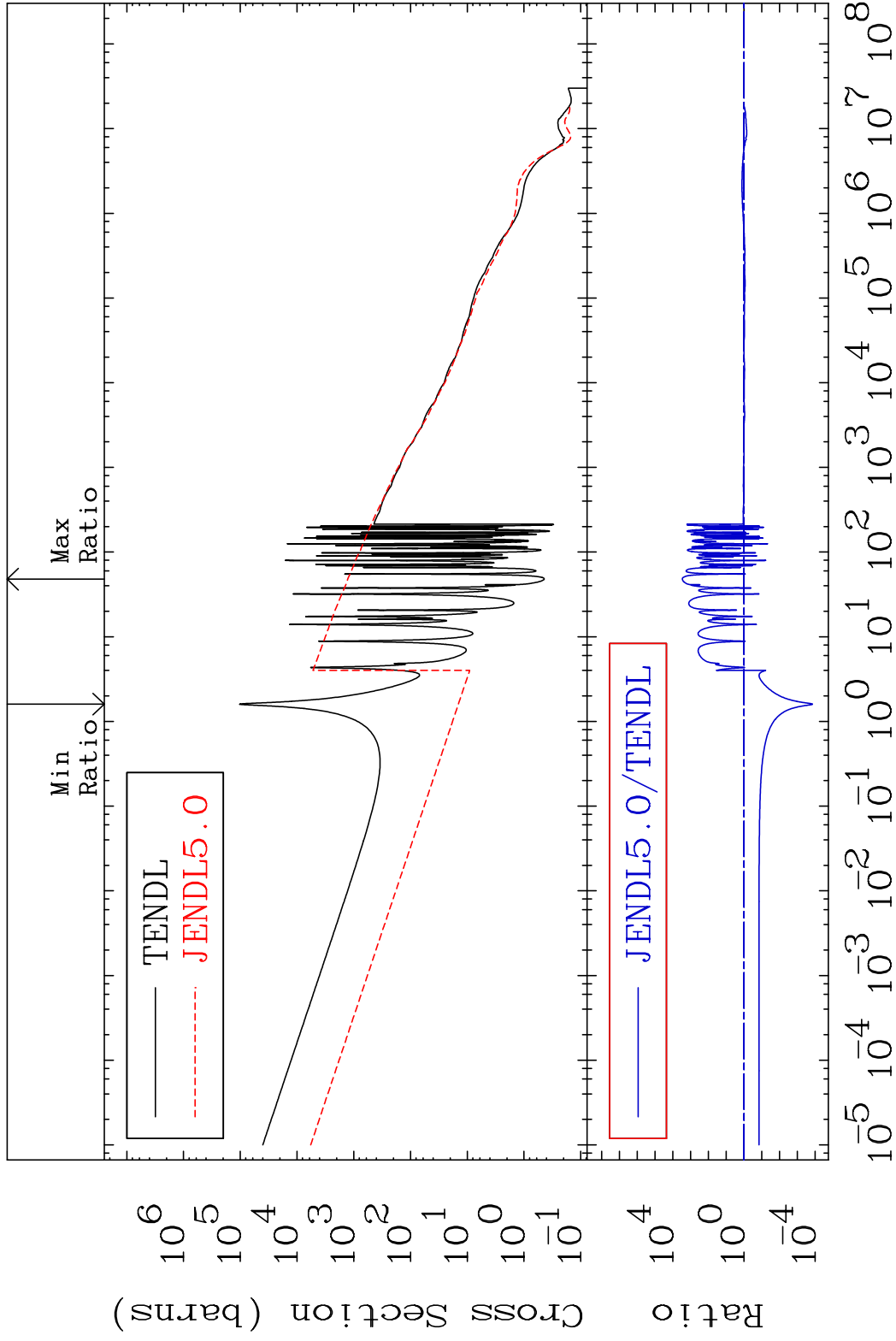


MAT 7834 Kerma inelastic (mt51-91) 78-Pt-193
 Cross Section -100.0 To 9999. %

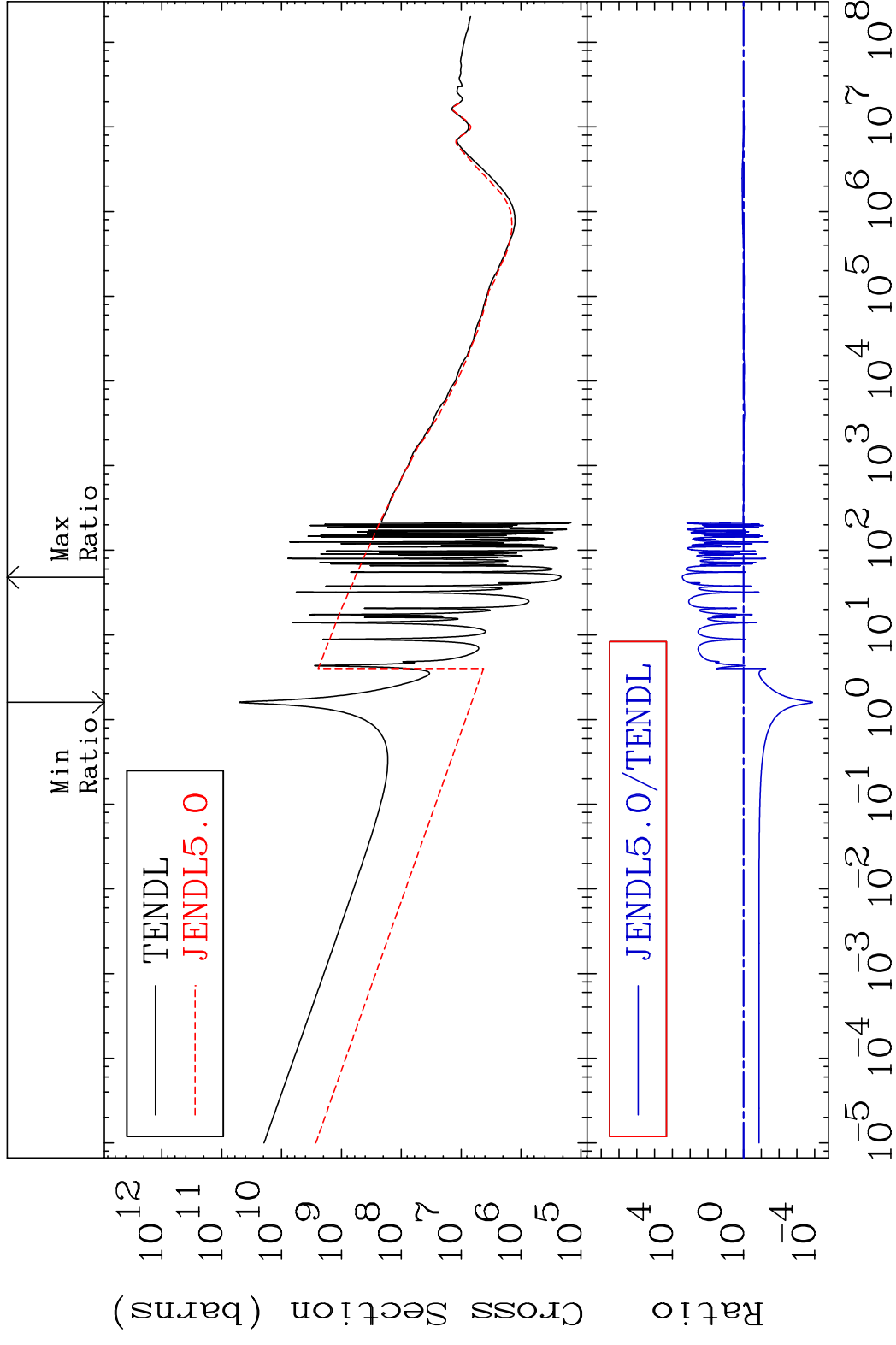


MAT 7834 Kerma fission (mt18 or mt19-20-21-38)78-Pt-193
 Cross Section -100.0 To 9999. %

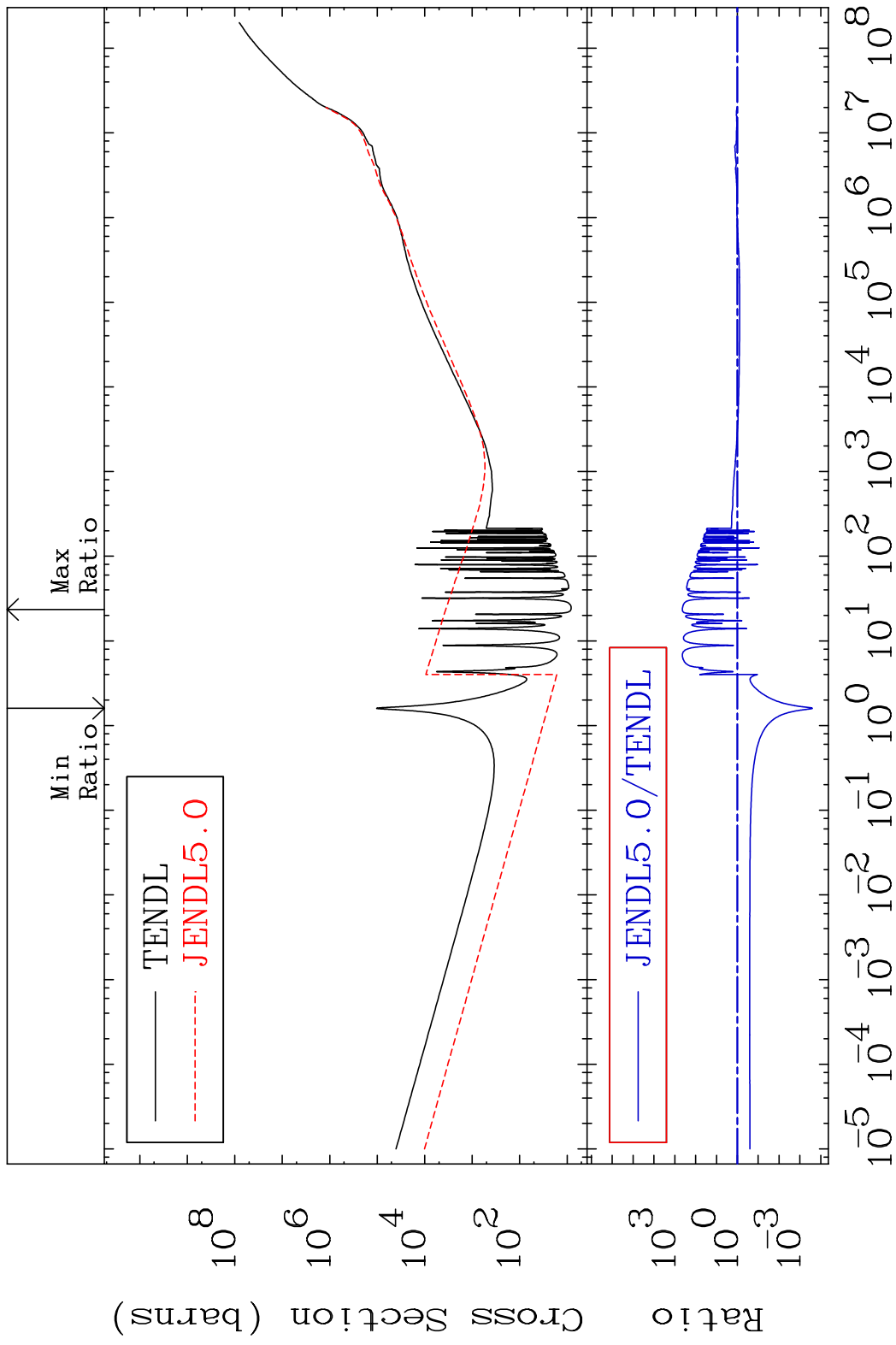




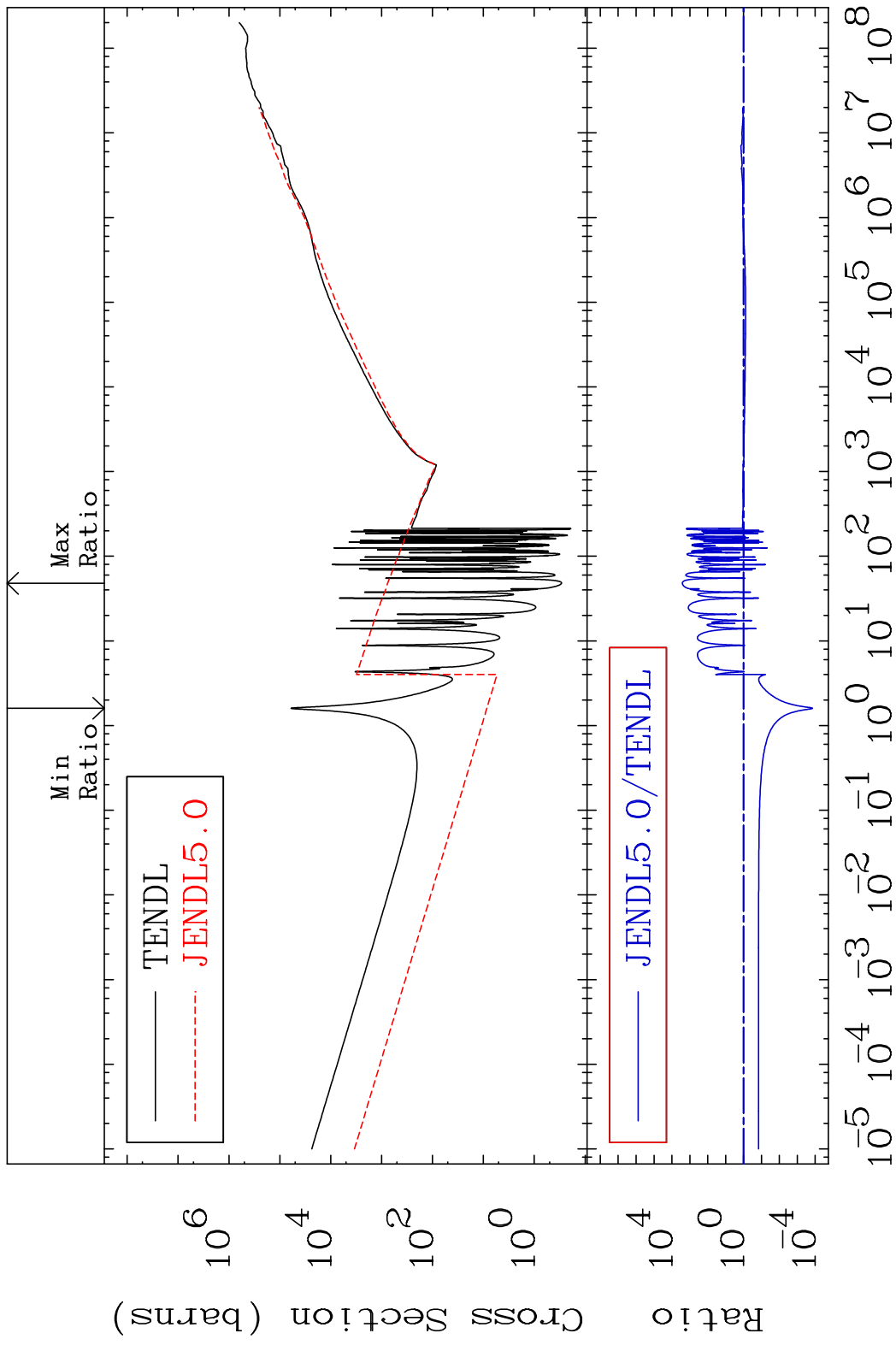
MAT 7834 Total photon (eV-barns) 78-Pt-193
 Cross Section -99.99 To 9999. %



MAT 7834 Total kinematic kerma (high limit) 78-Pt-193
 Cross Section -99.98 To 9999. %



MAT 7834 Dpa total (eV-barns) 78-Pt-193
 Cross Section -99.99 To 9999. %

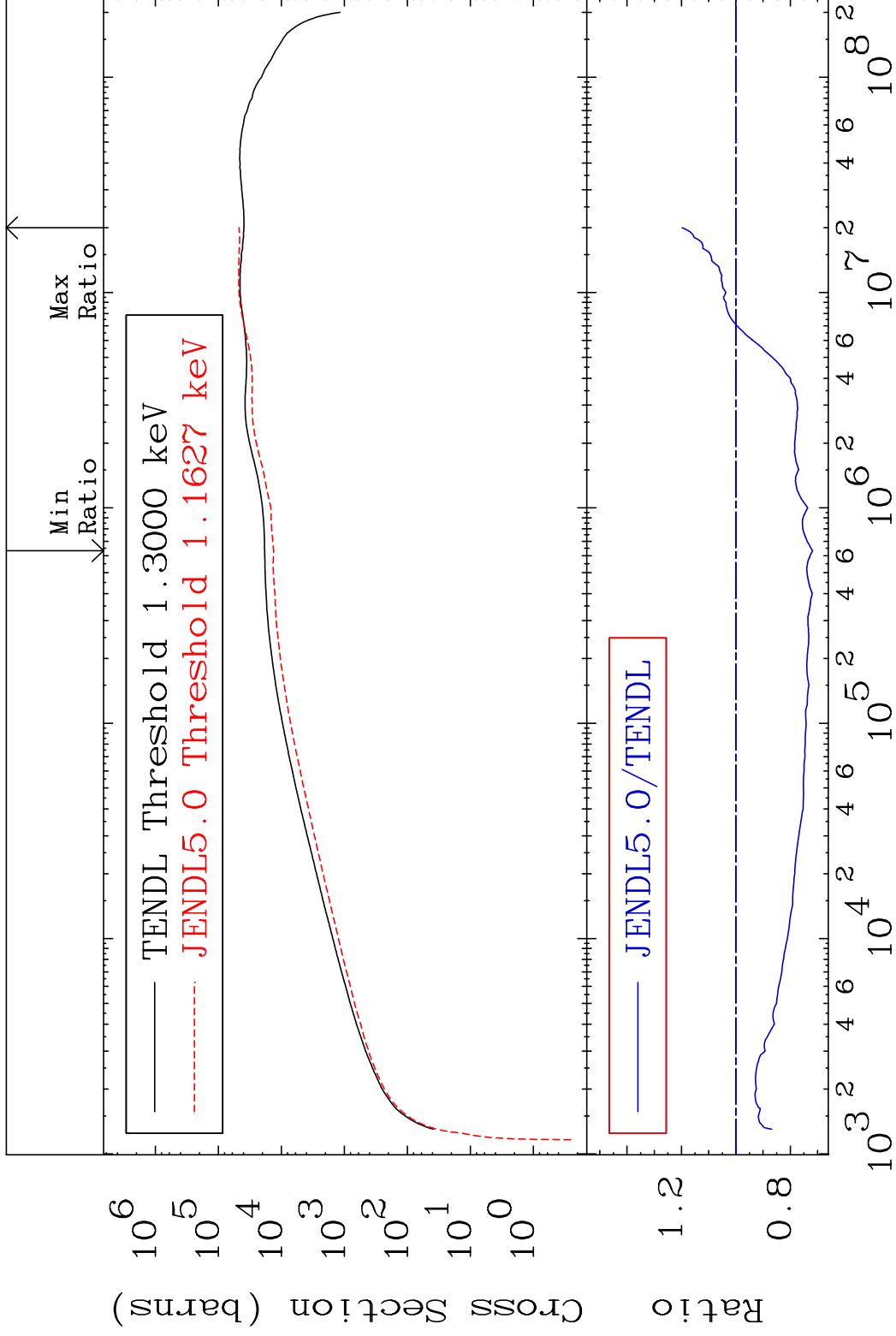


MAT 7834

Dpa elastic (mt2)

78-Pt-193

Cross Section -28.14 To 19.75 %



59

Incident Energy (eV)

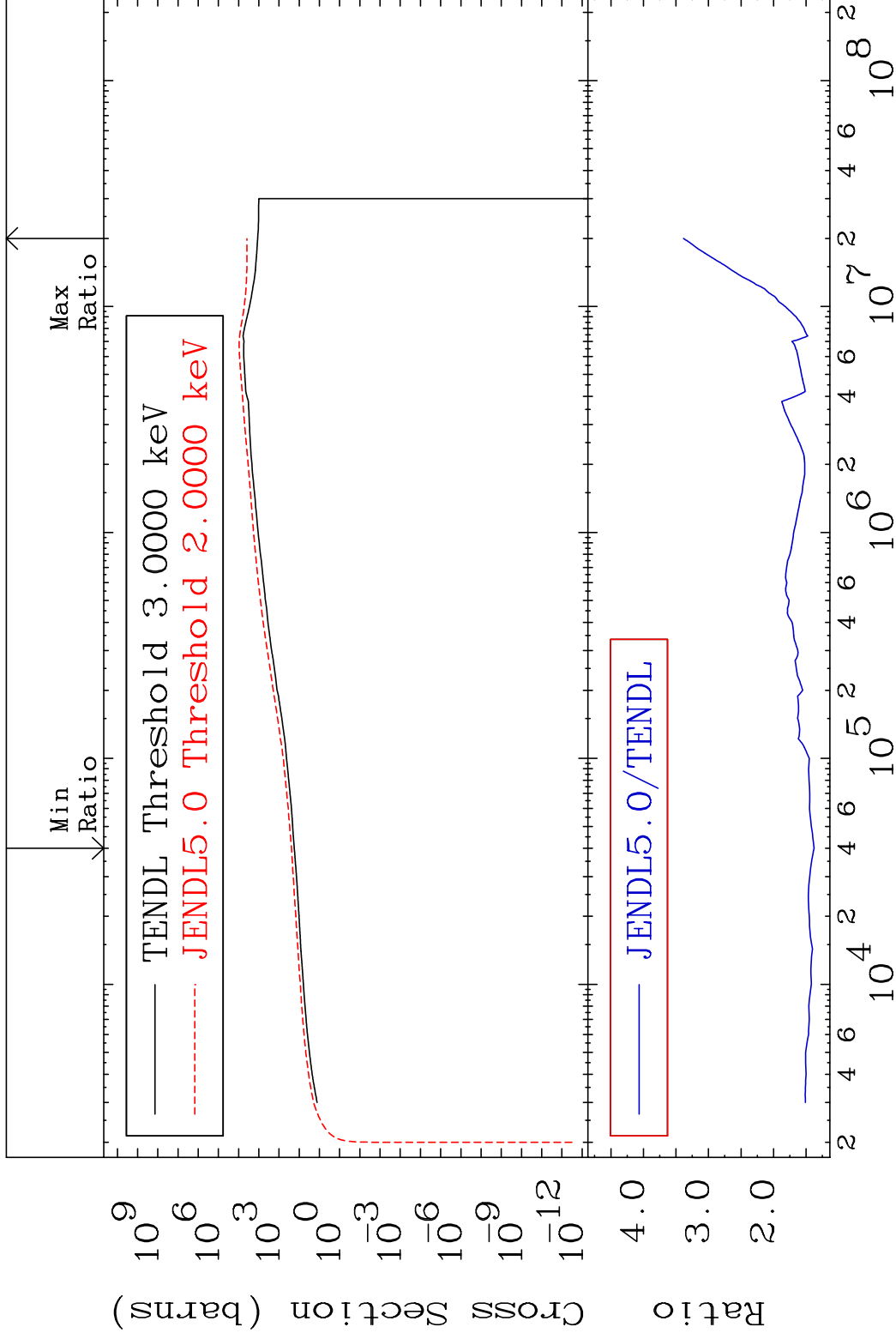
78-Pt-193

MAT 7834

Dpa inelastic (mt51-91)

78-Pt-193

Cross Section 37.78 To 238.5 %

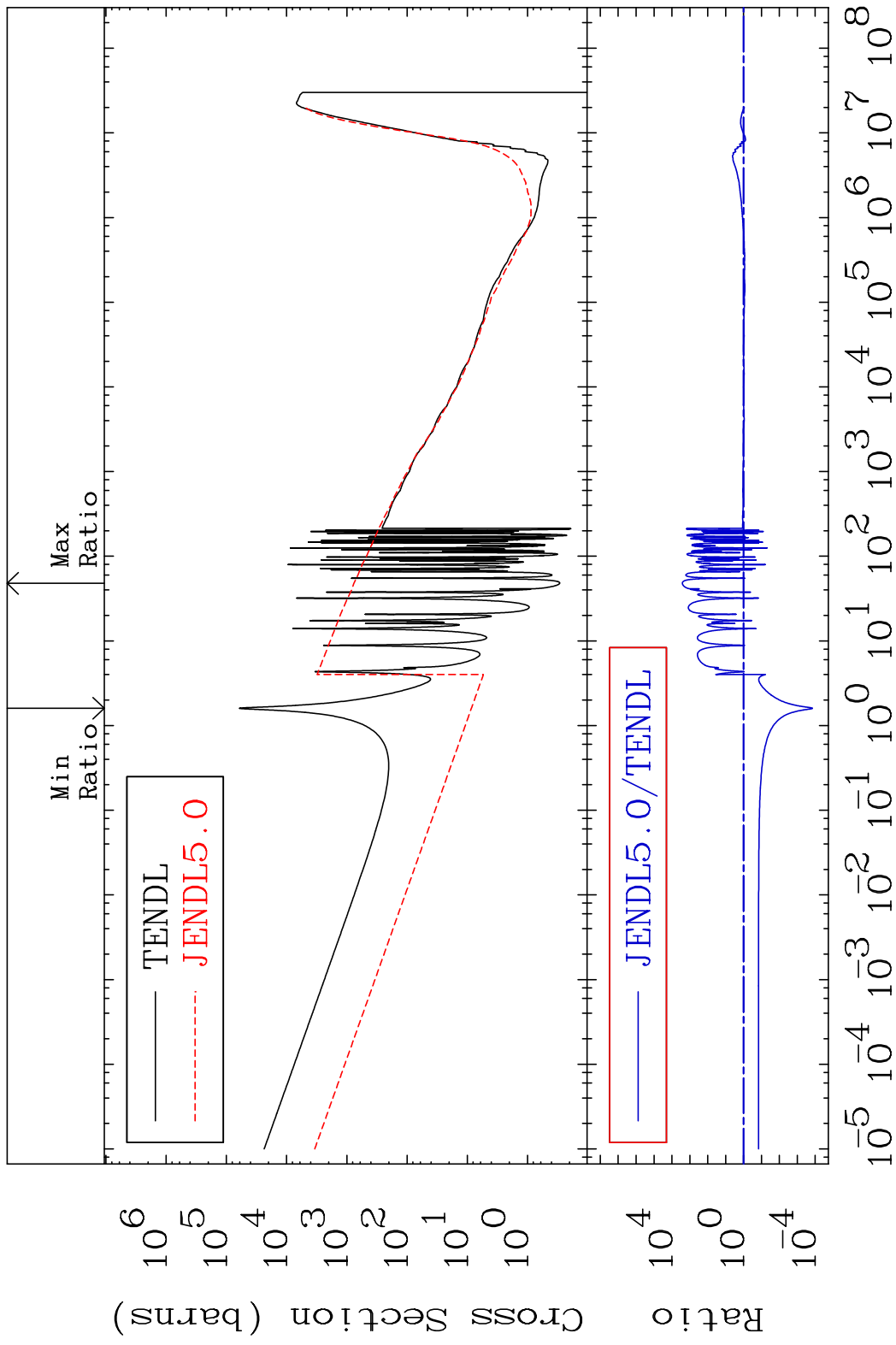


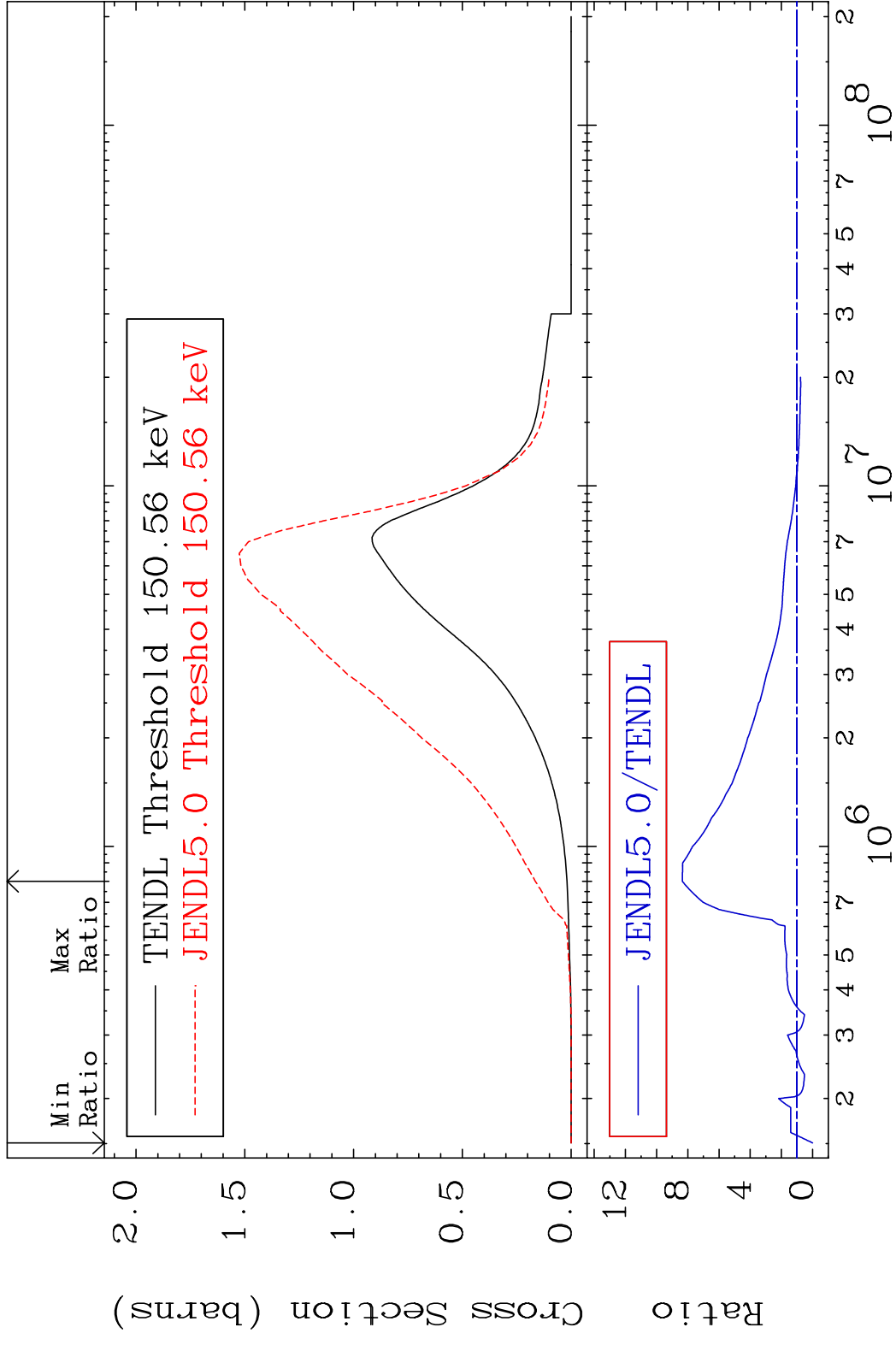
60

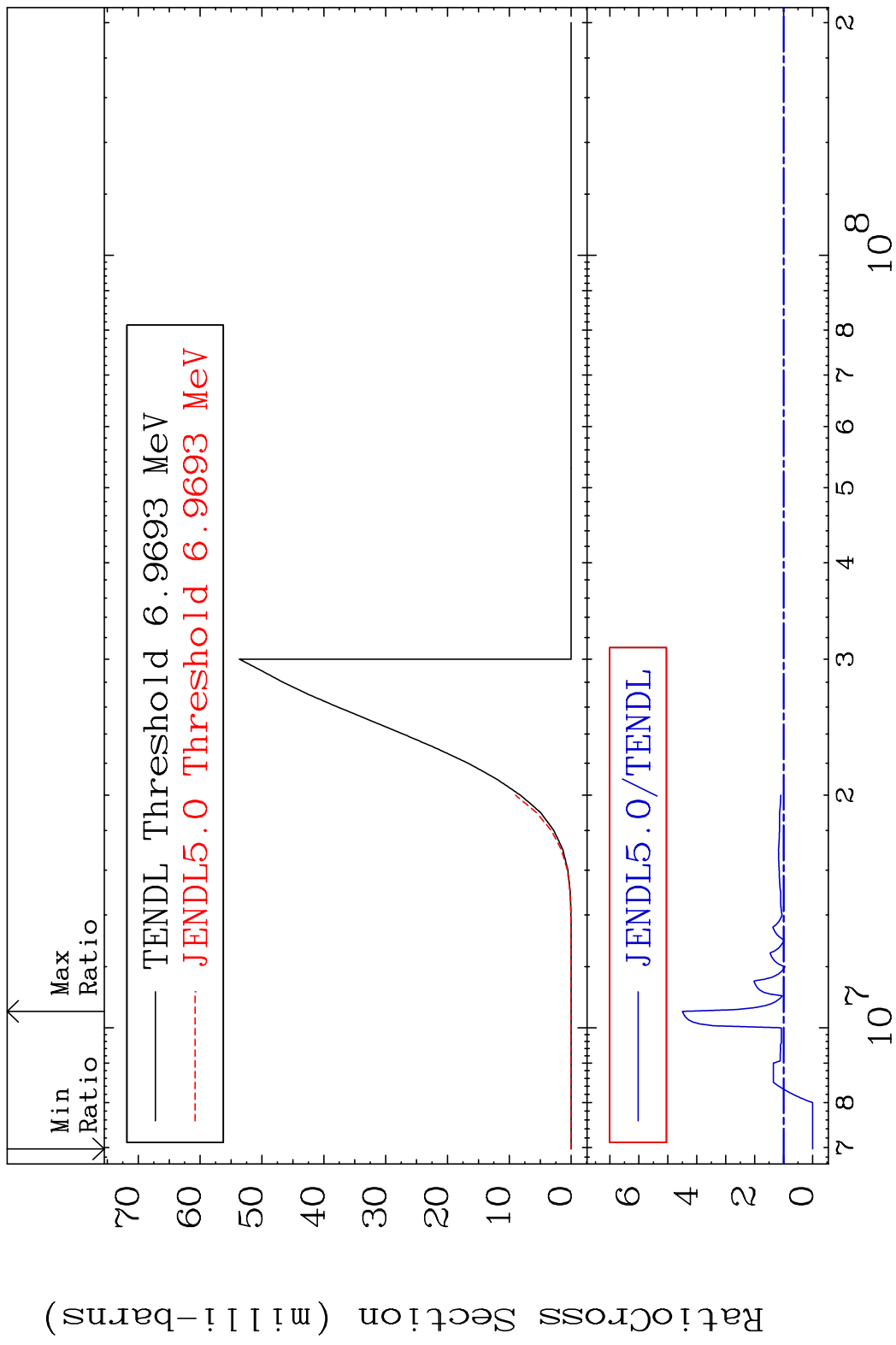
Incident Energy (eV)

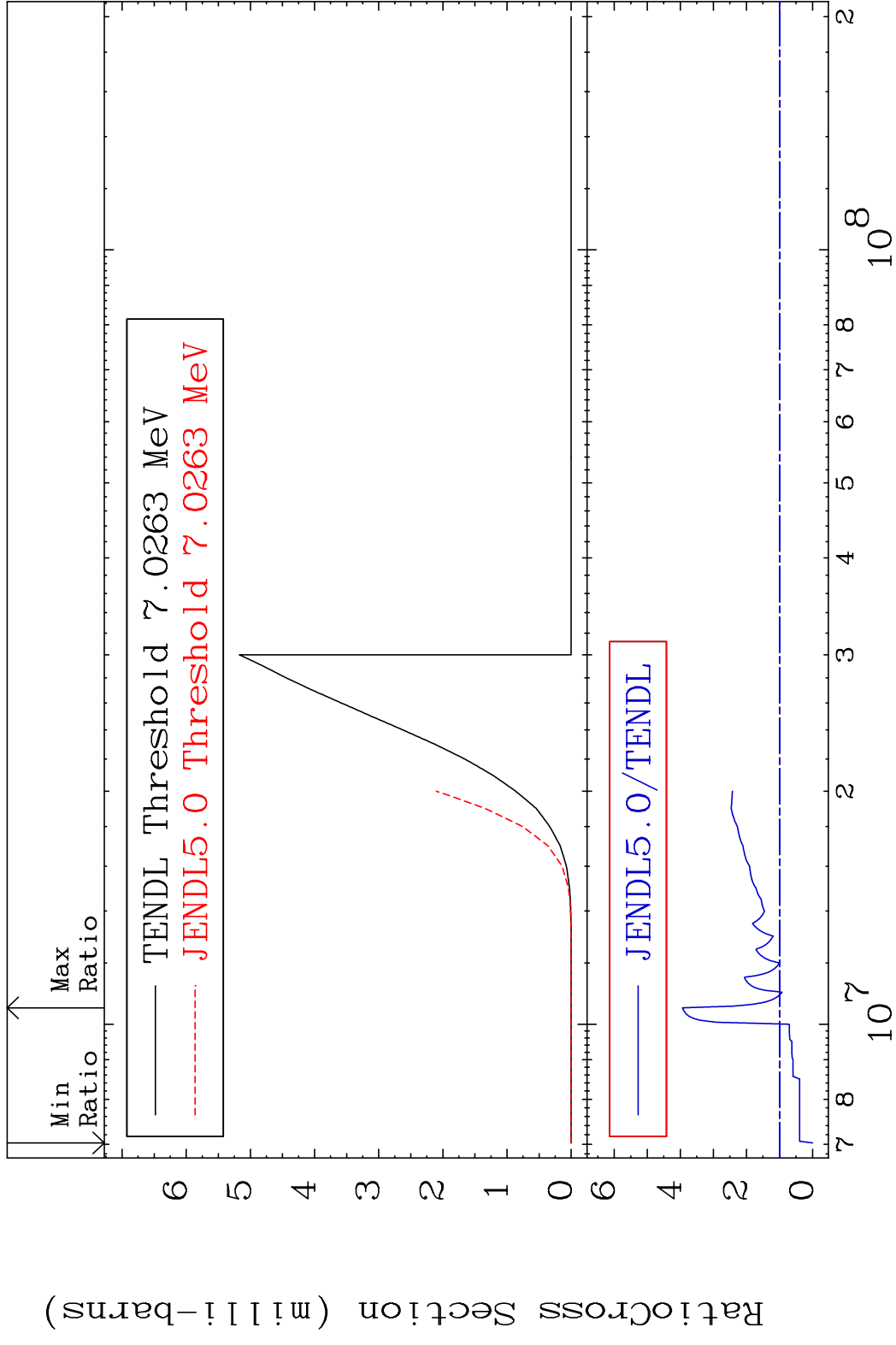
78-Pt-193

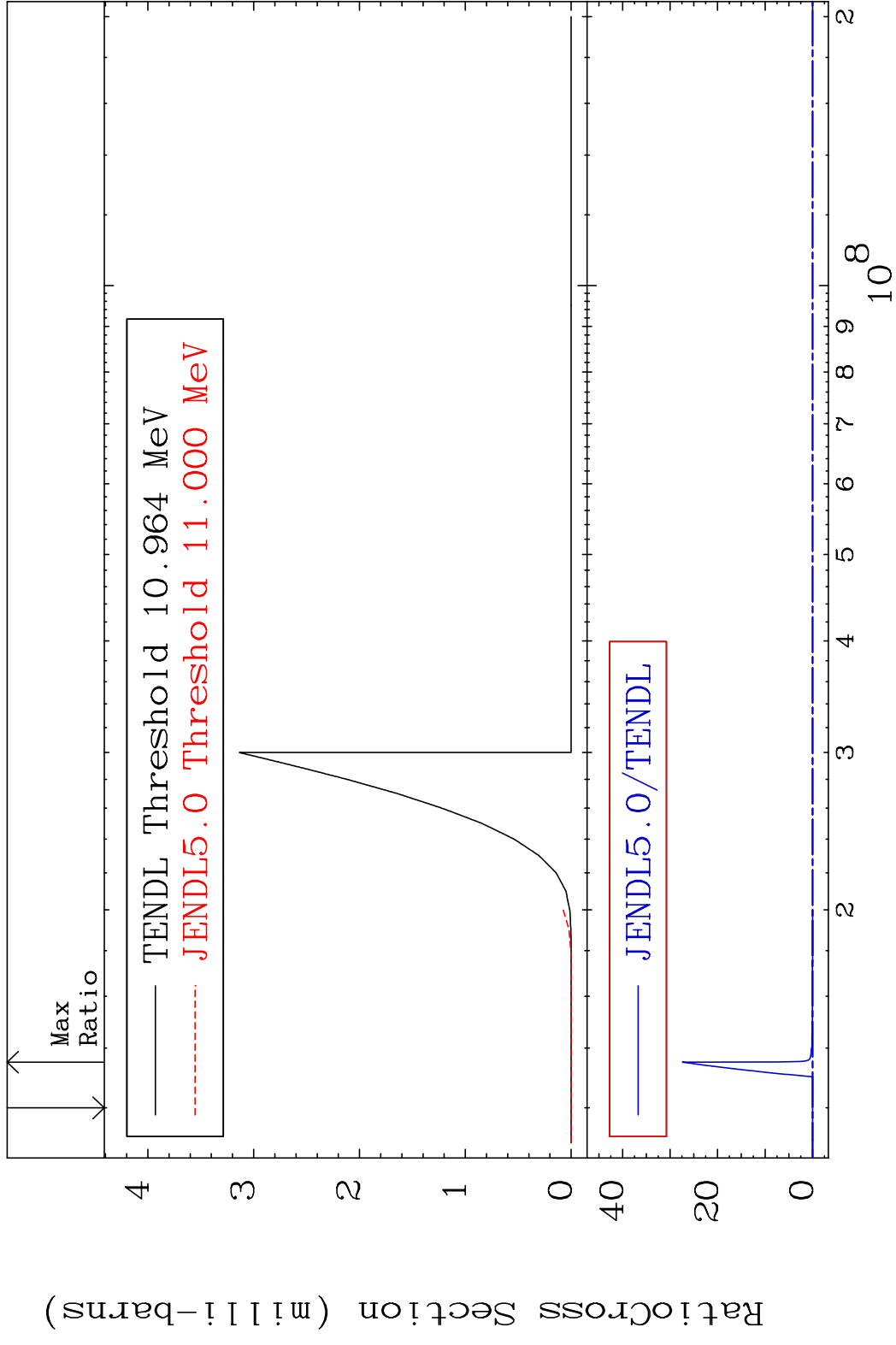
MAT 7834 Dpa disappearance (mt102 -120) 78-Pt-193
 Cross Section -99.99 To 9999. %

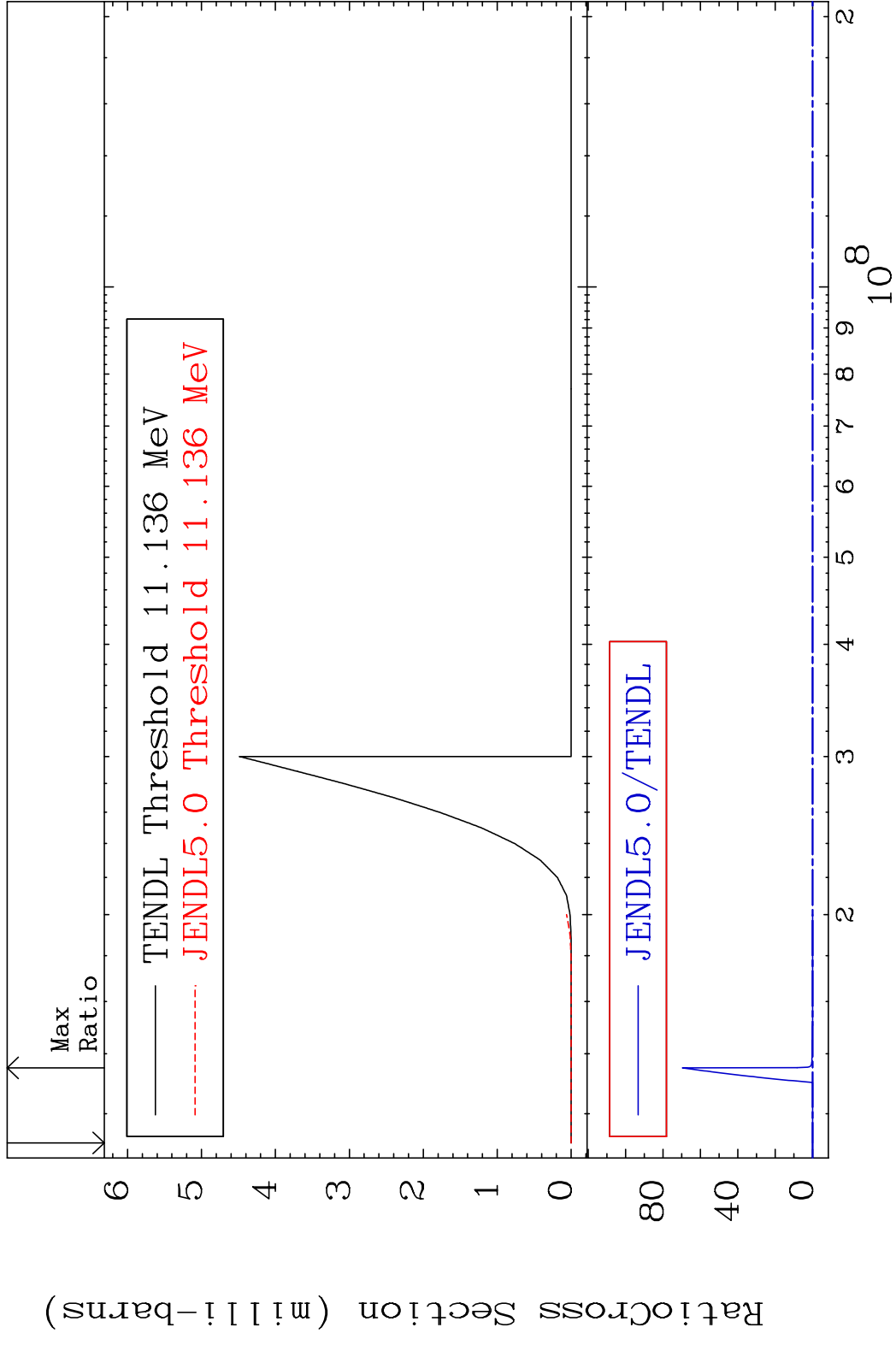


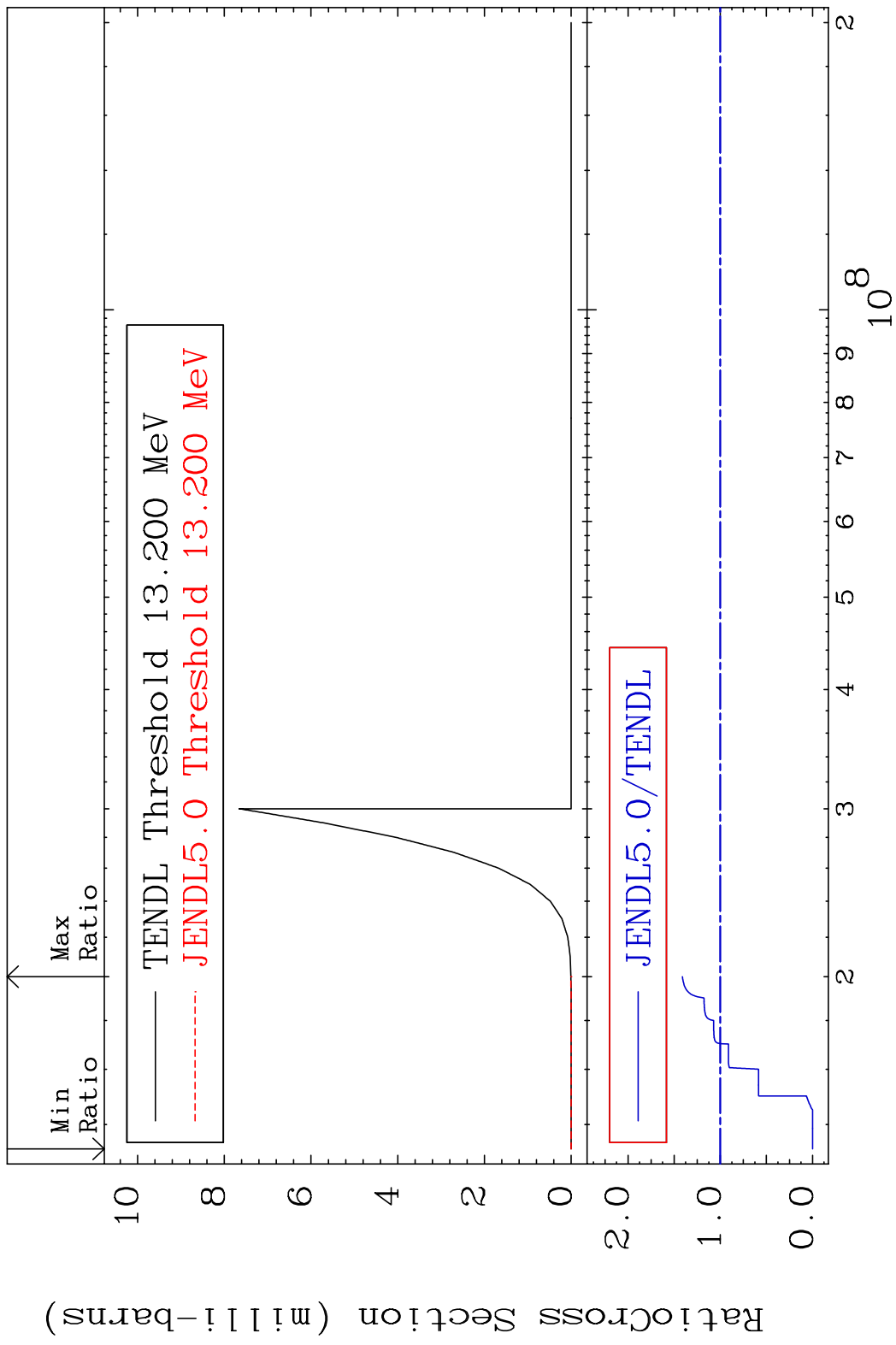


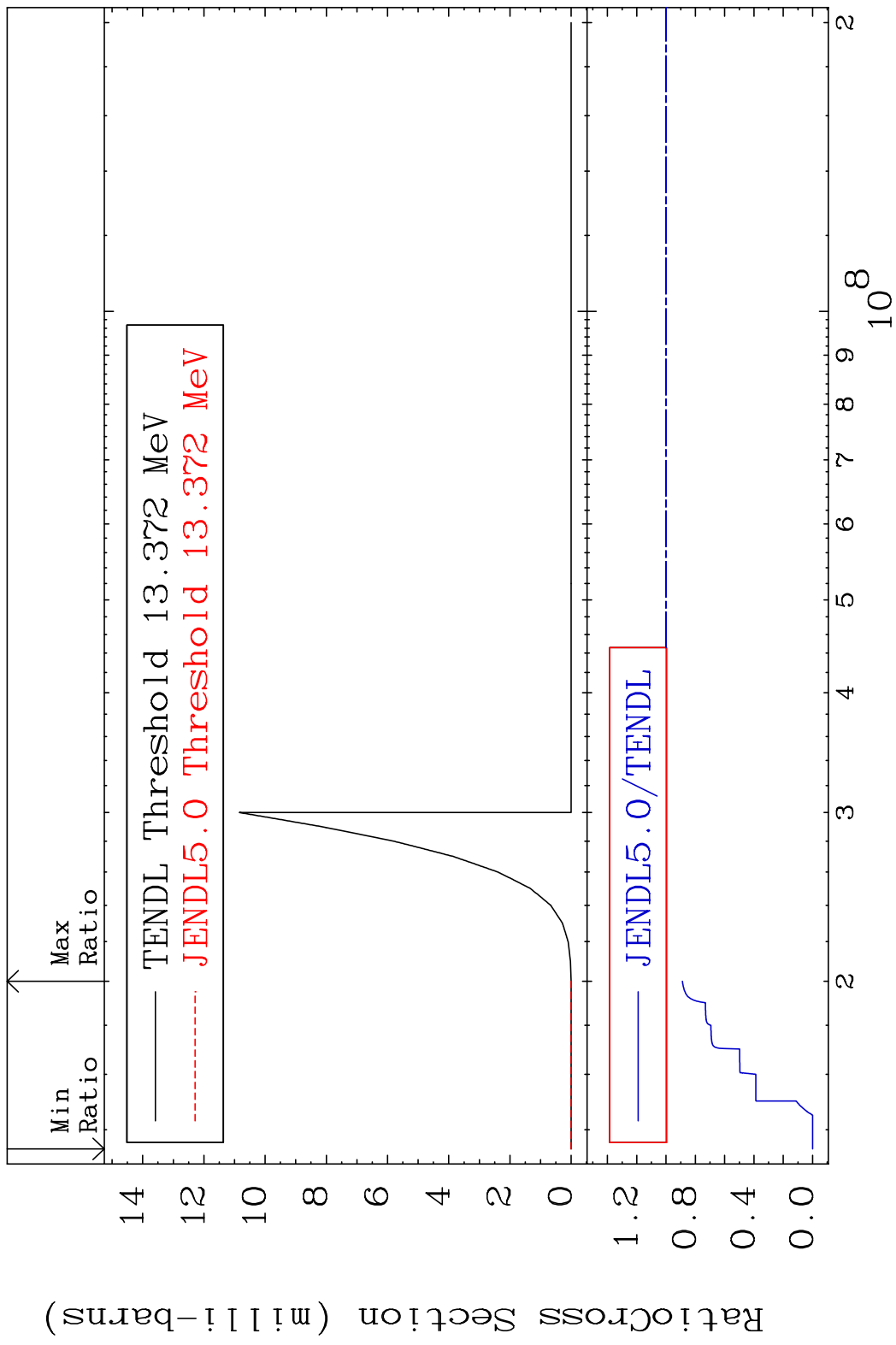


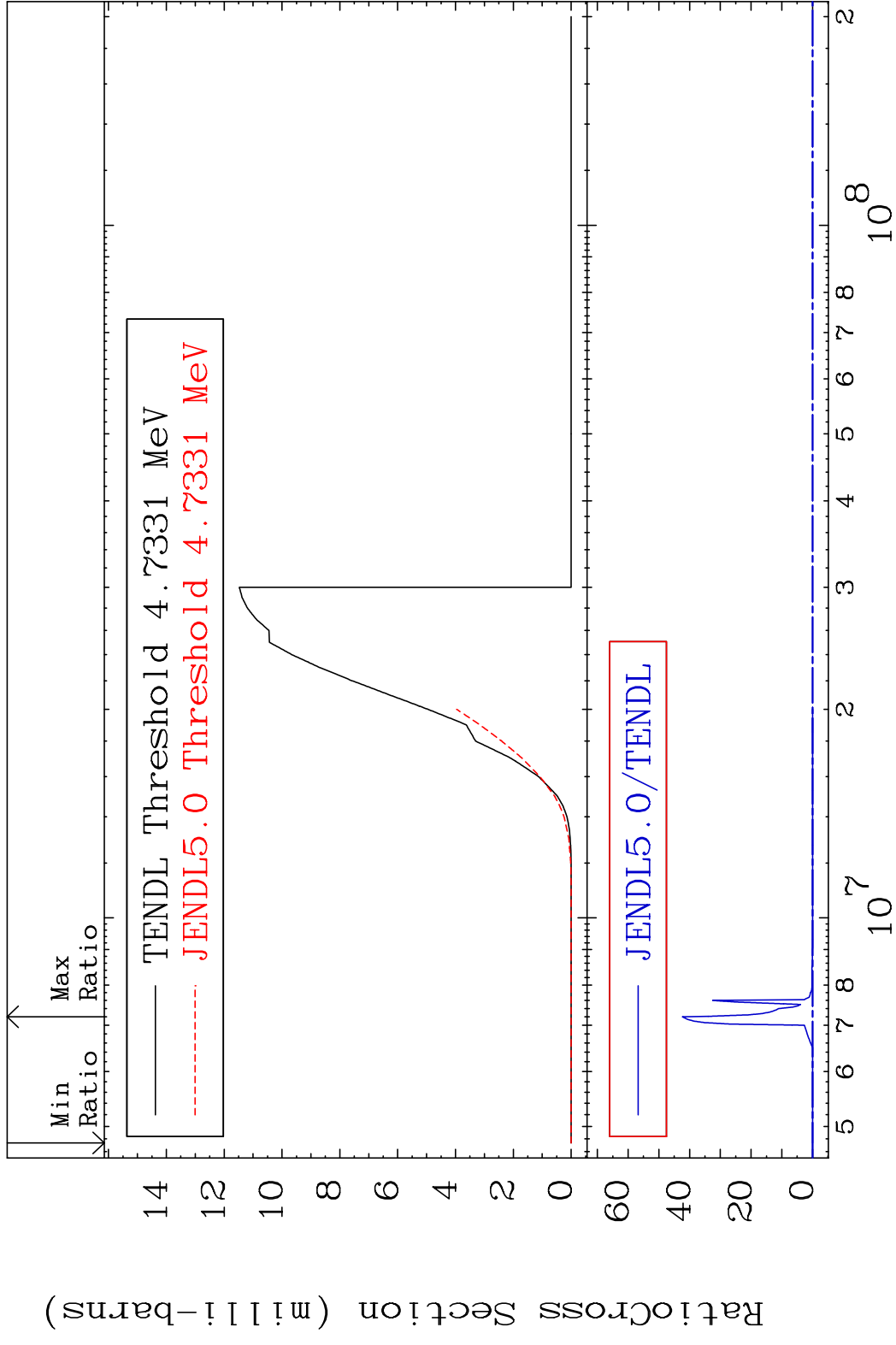


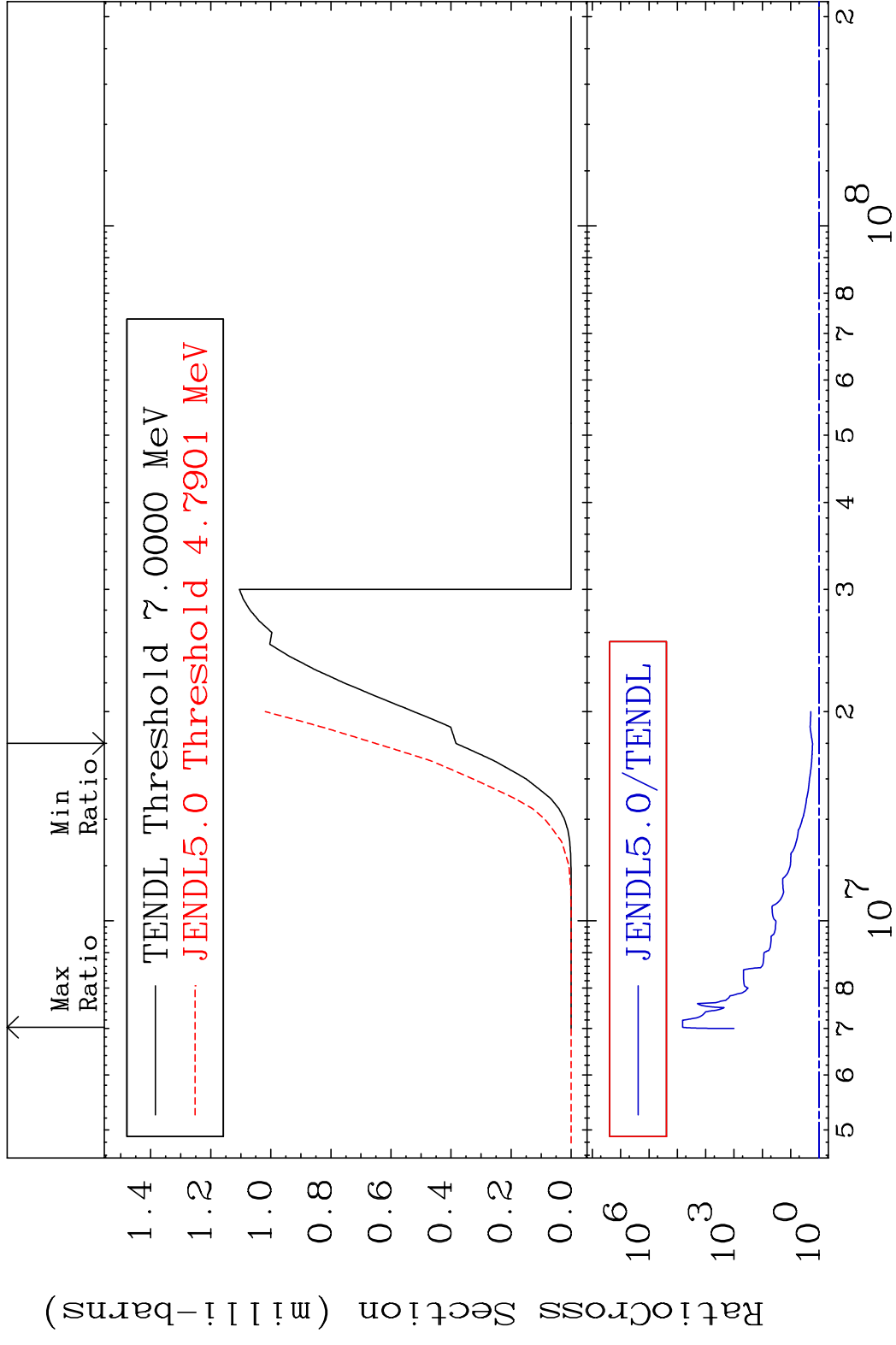


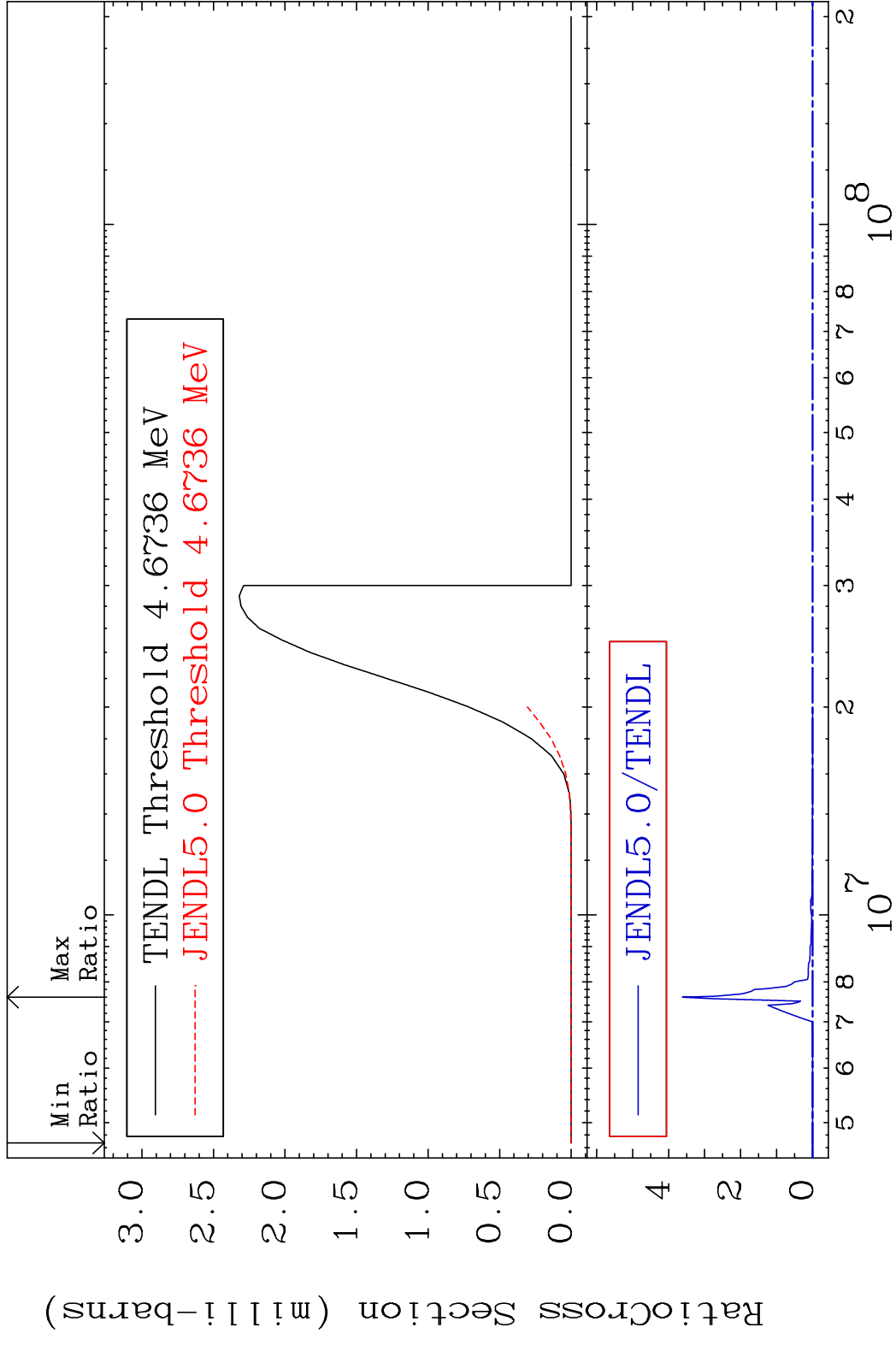


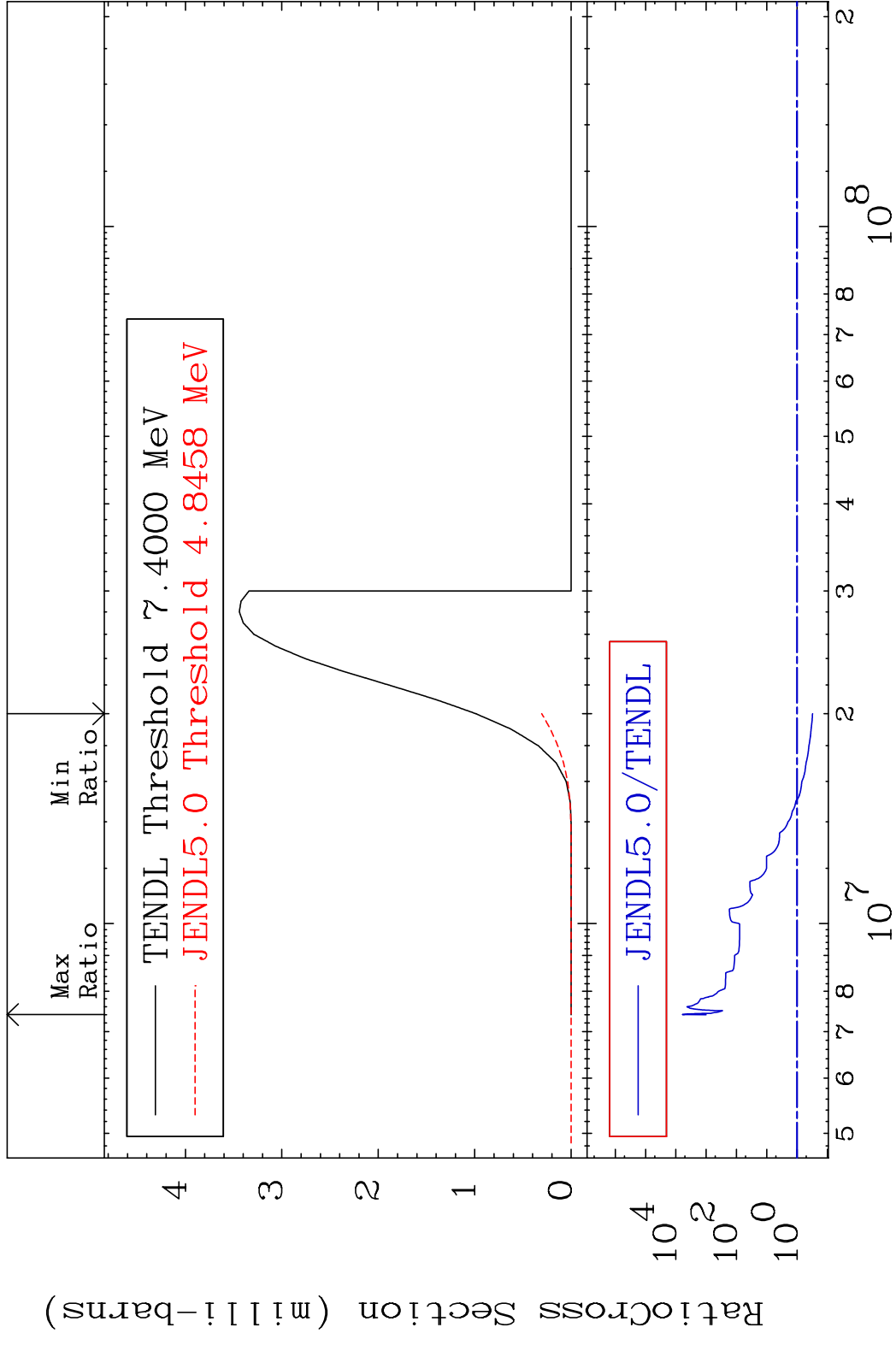


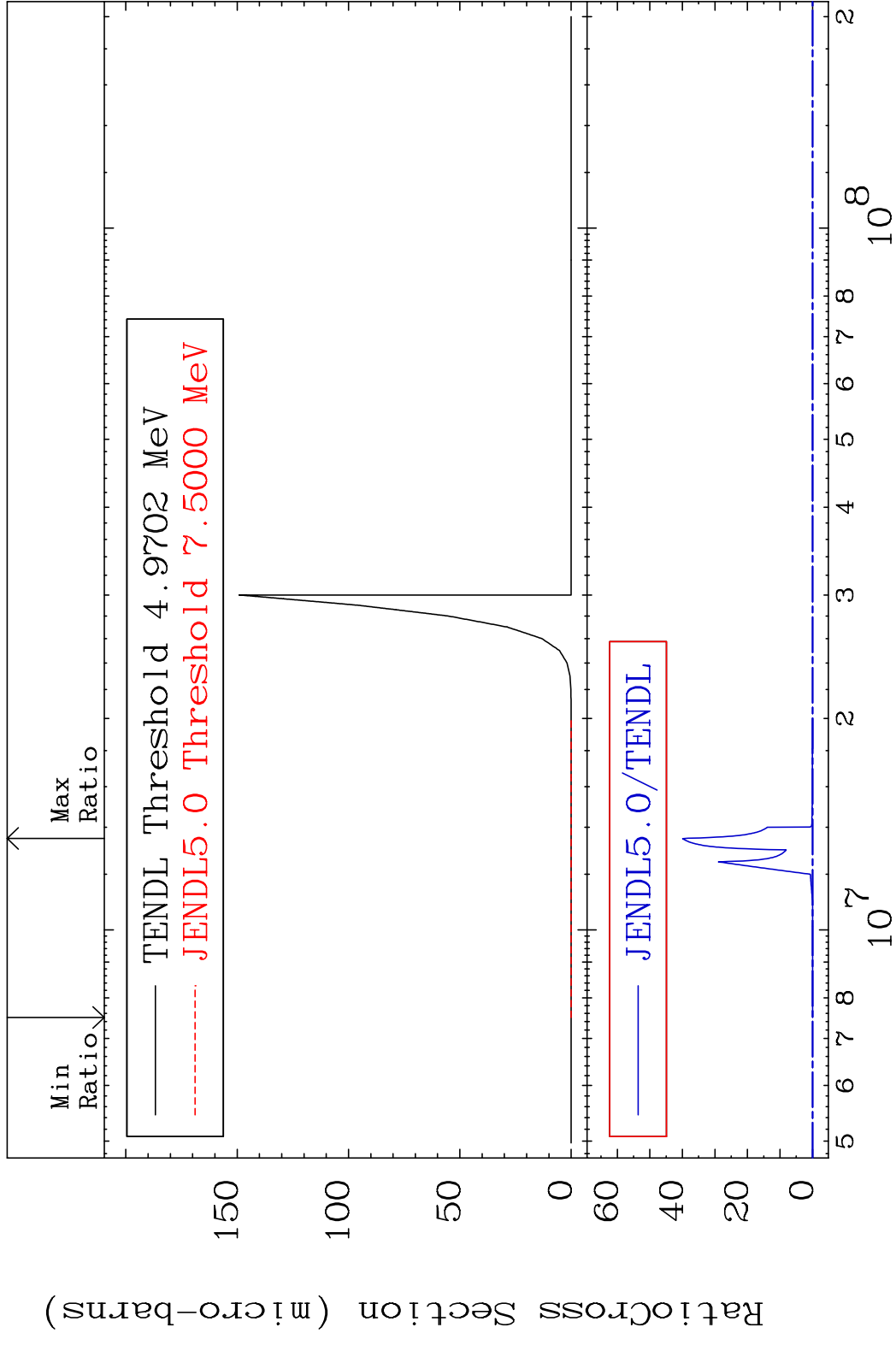


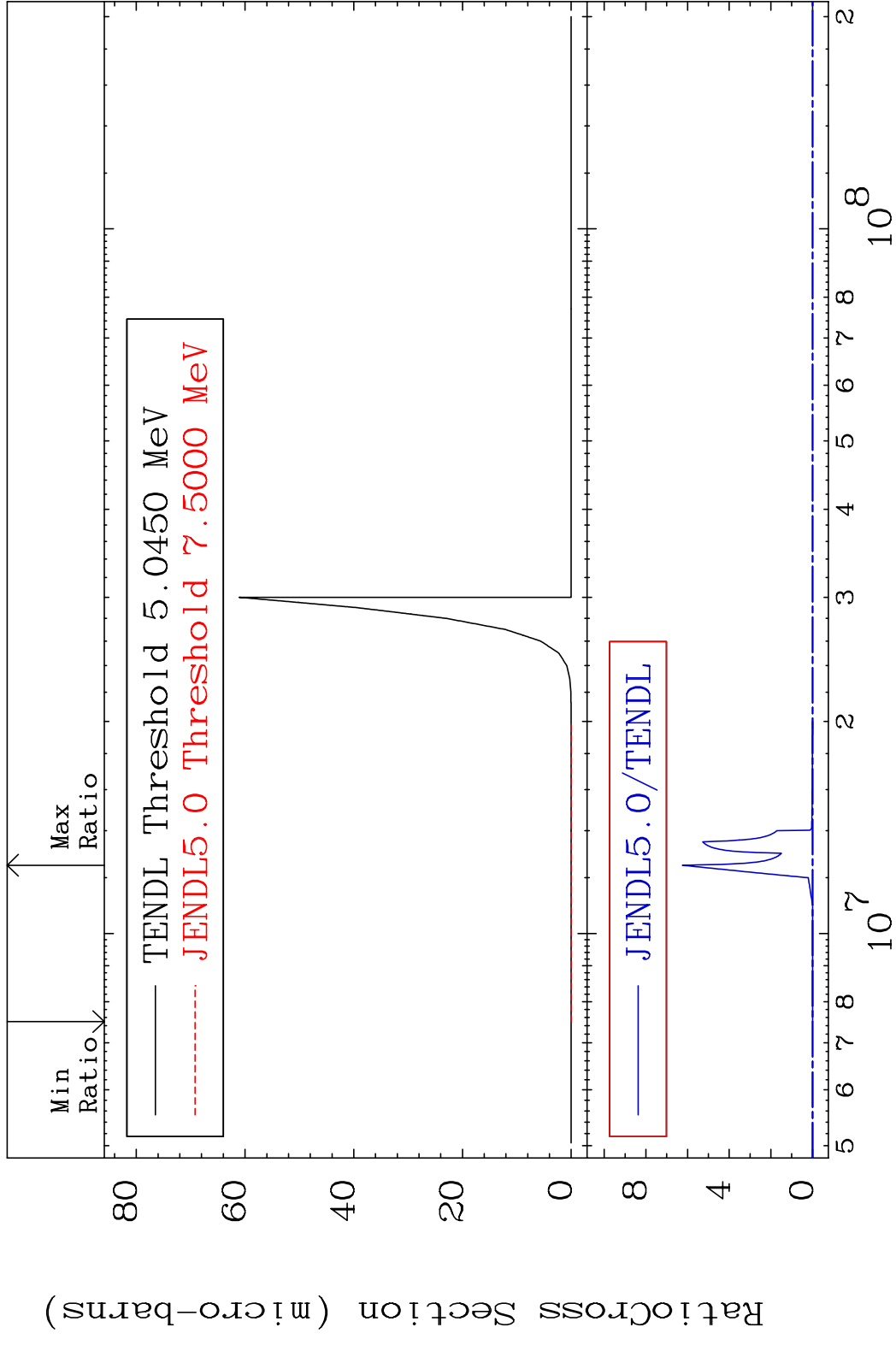




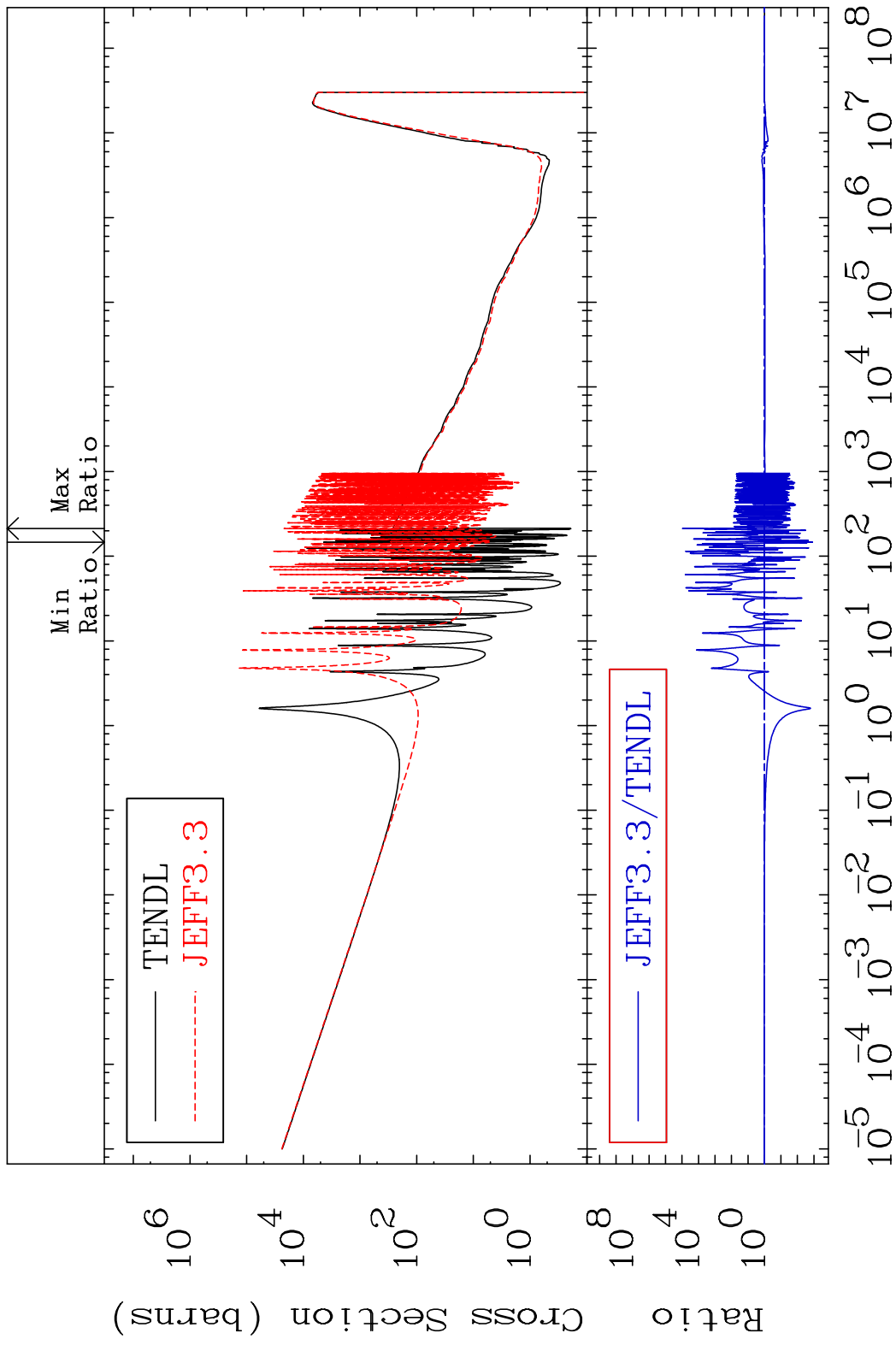




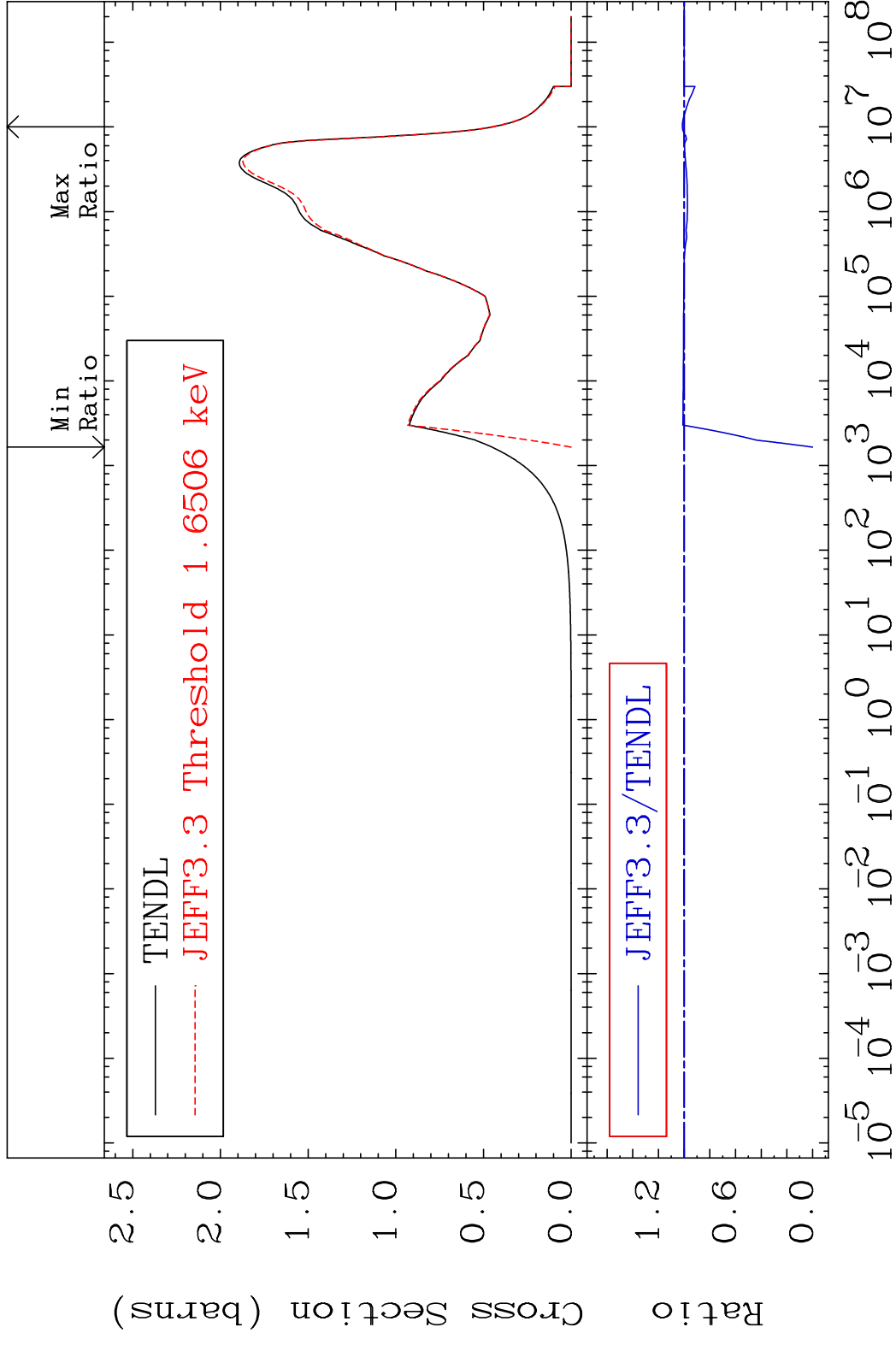


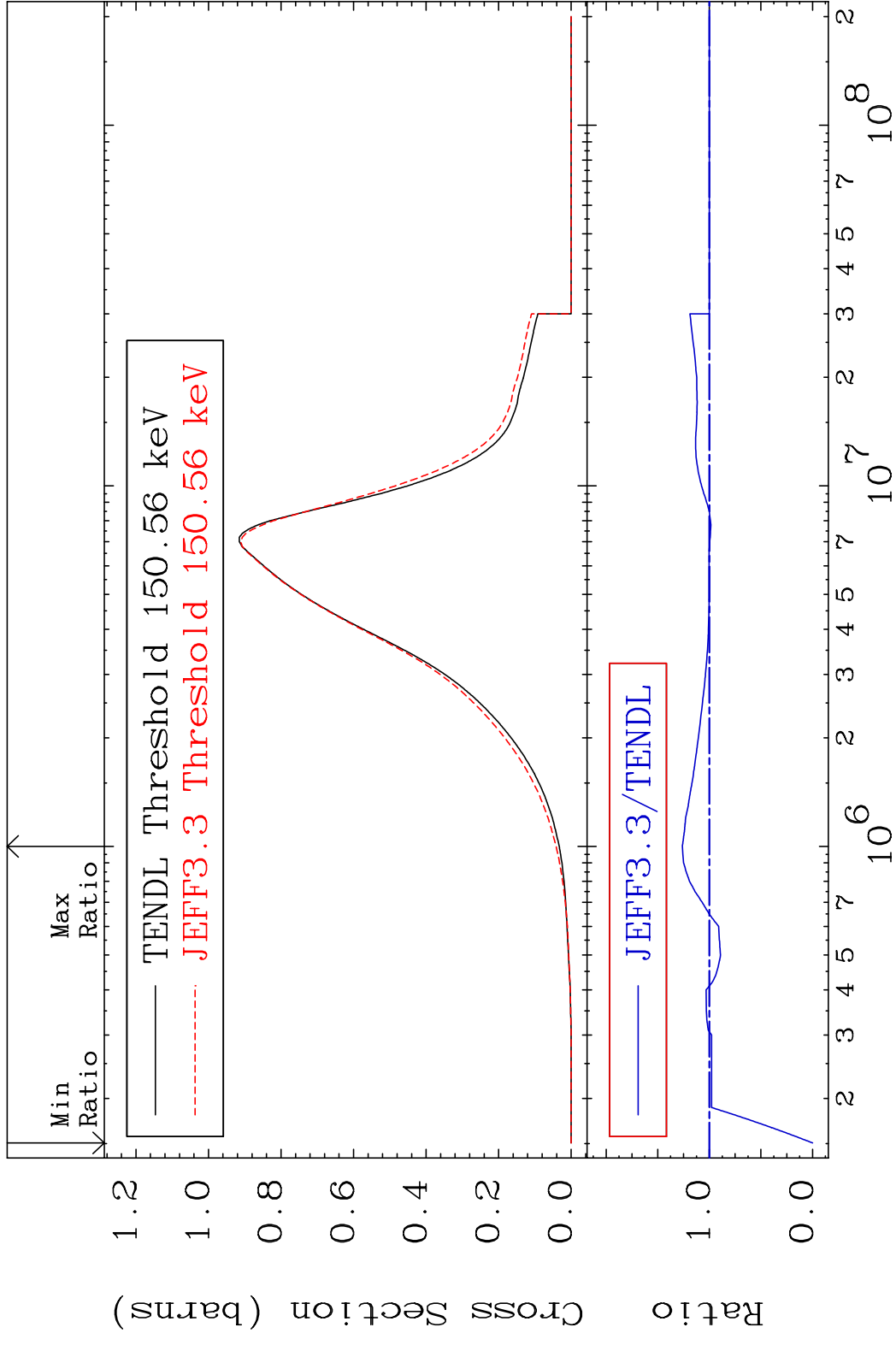


MAT 7834 Dpa disappearance (mt102 -120) 78-Pt-193
 Cross Section -99.88 To 9999. %

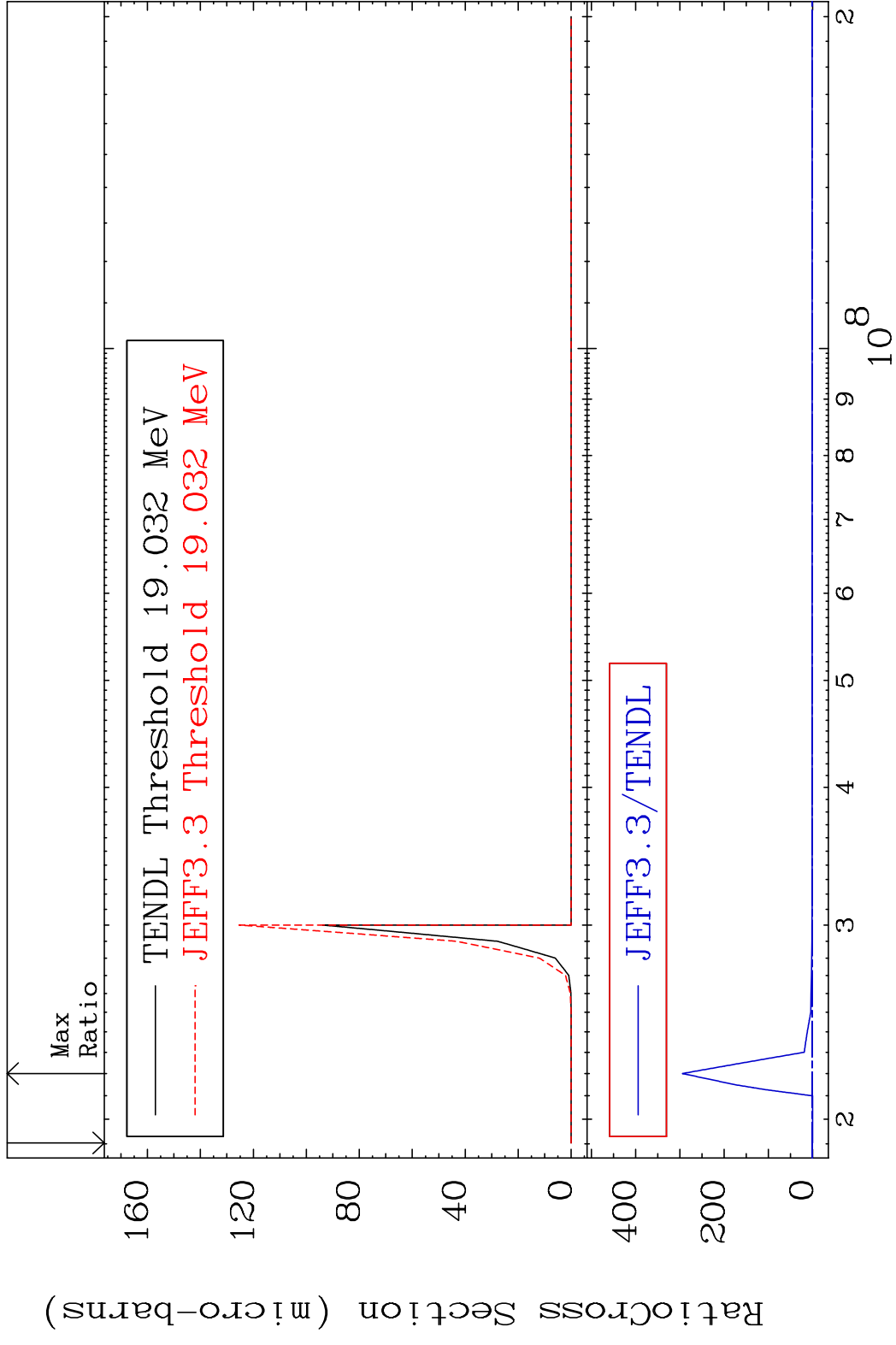


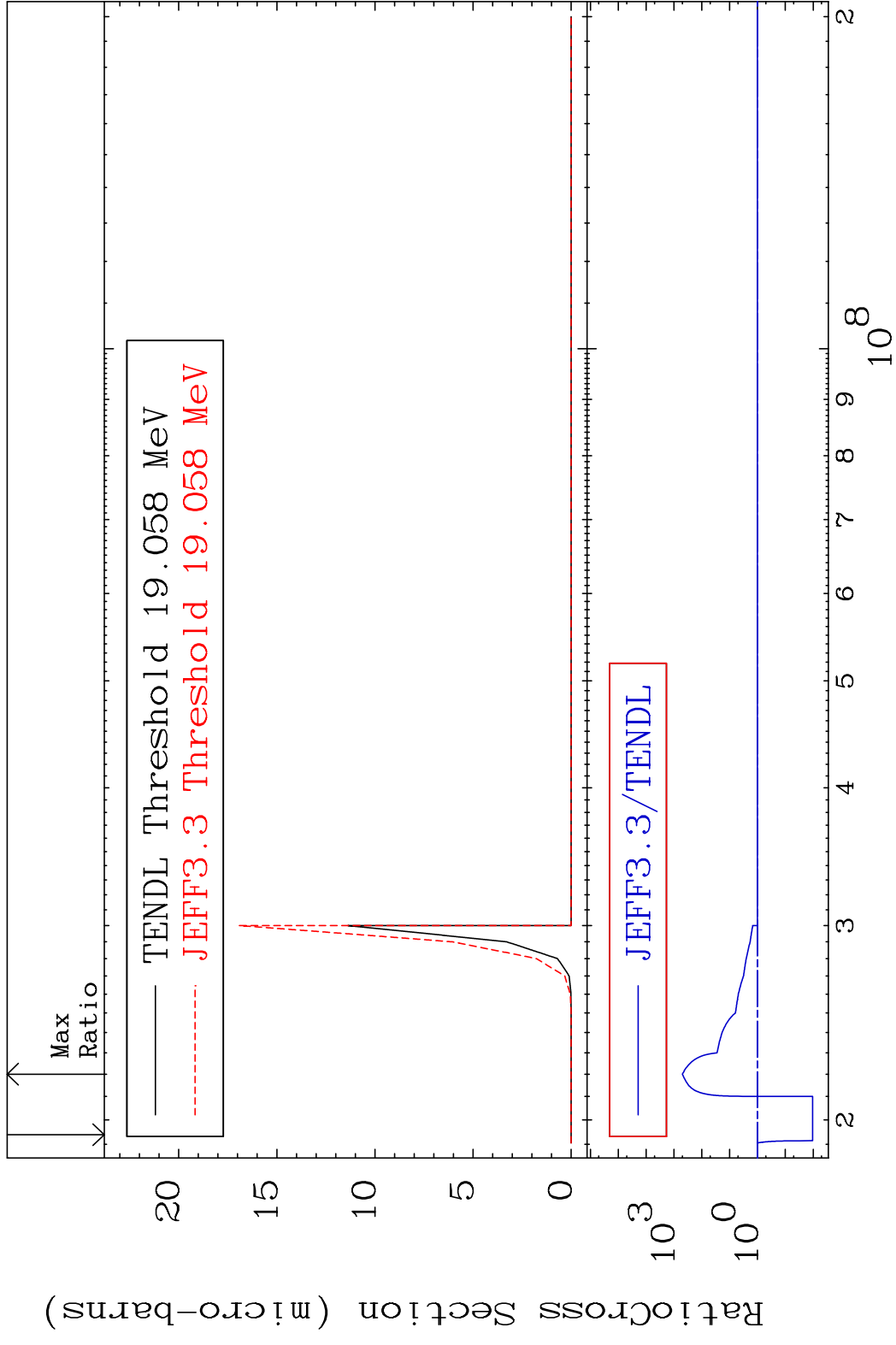
75 Incident Energy (eV) 78-Pt-193

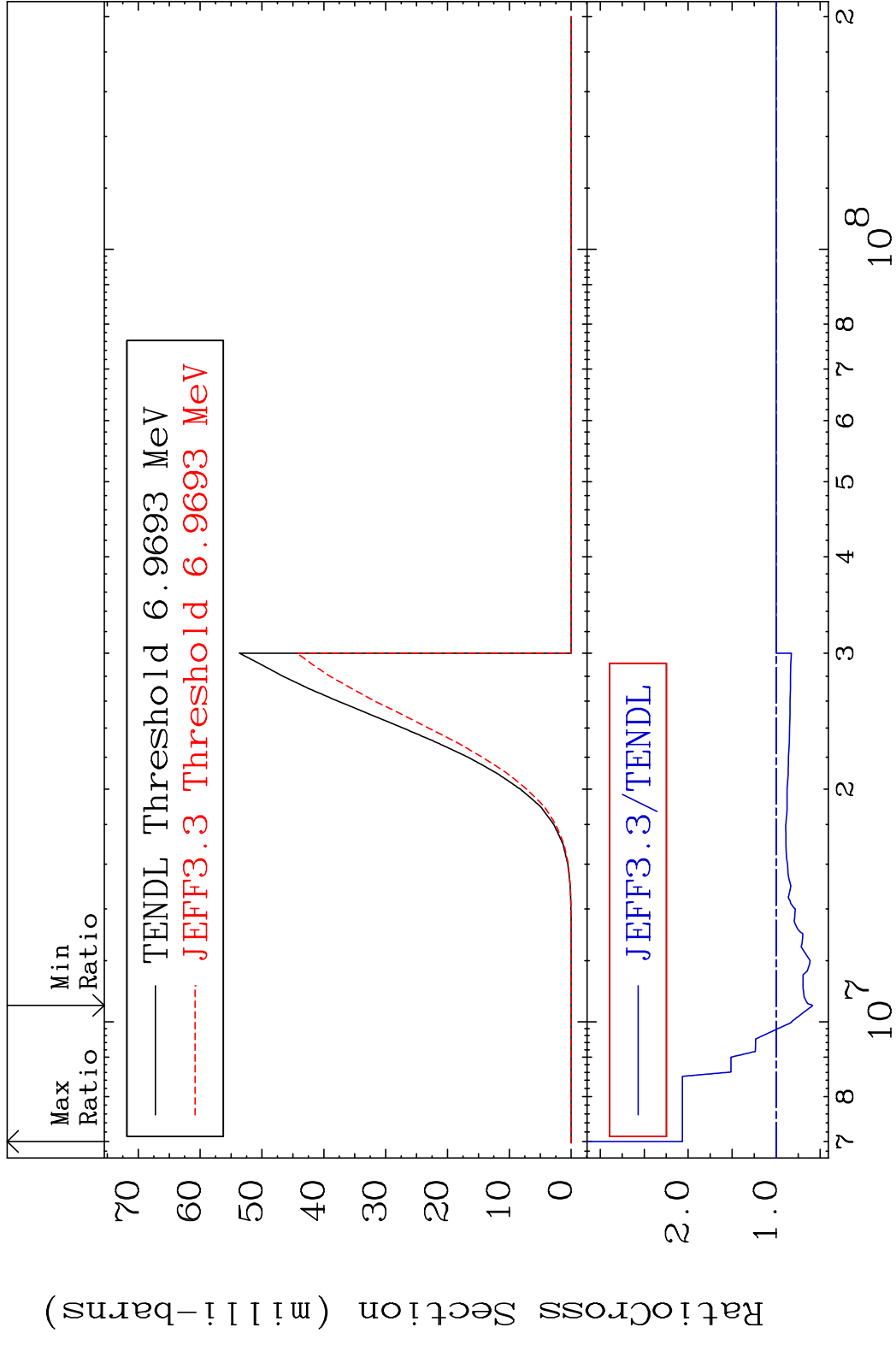


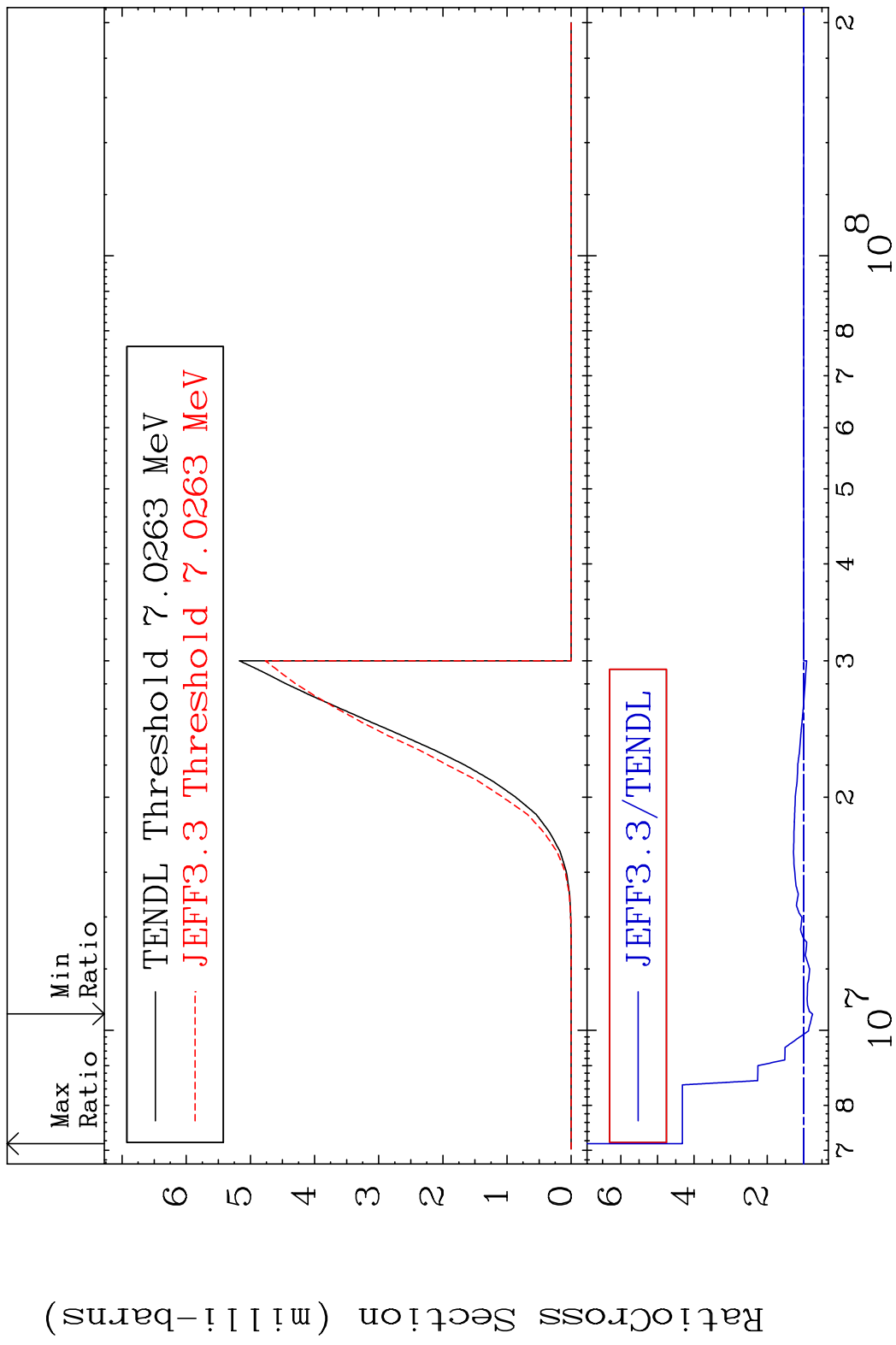


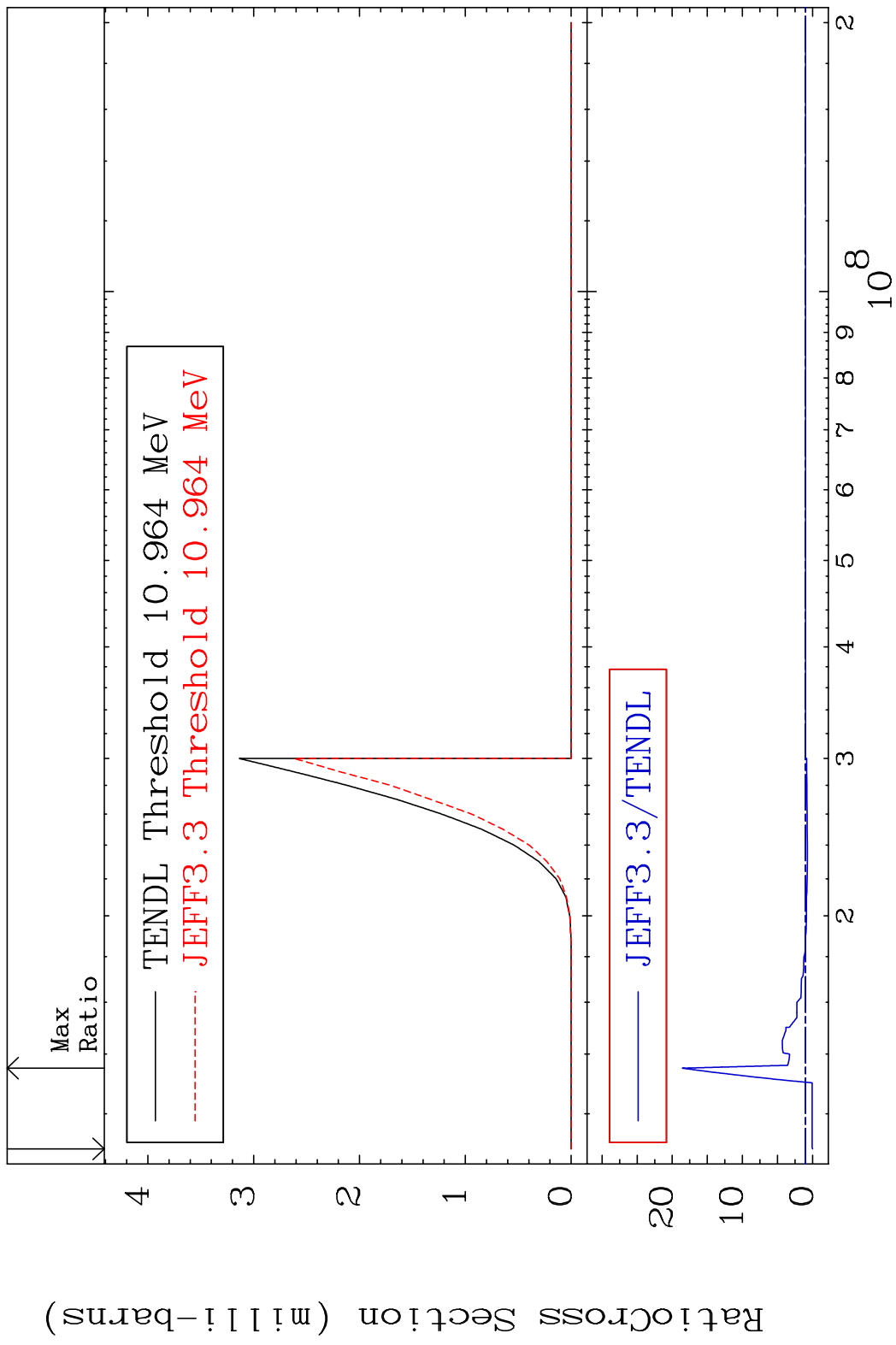
MAT 7834 (n,2n) d:77-Ir-190g 78-Pt-193
 Radionuclide Production Cross Section (micro-barn) 9999. %

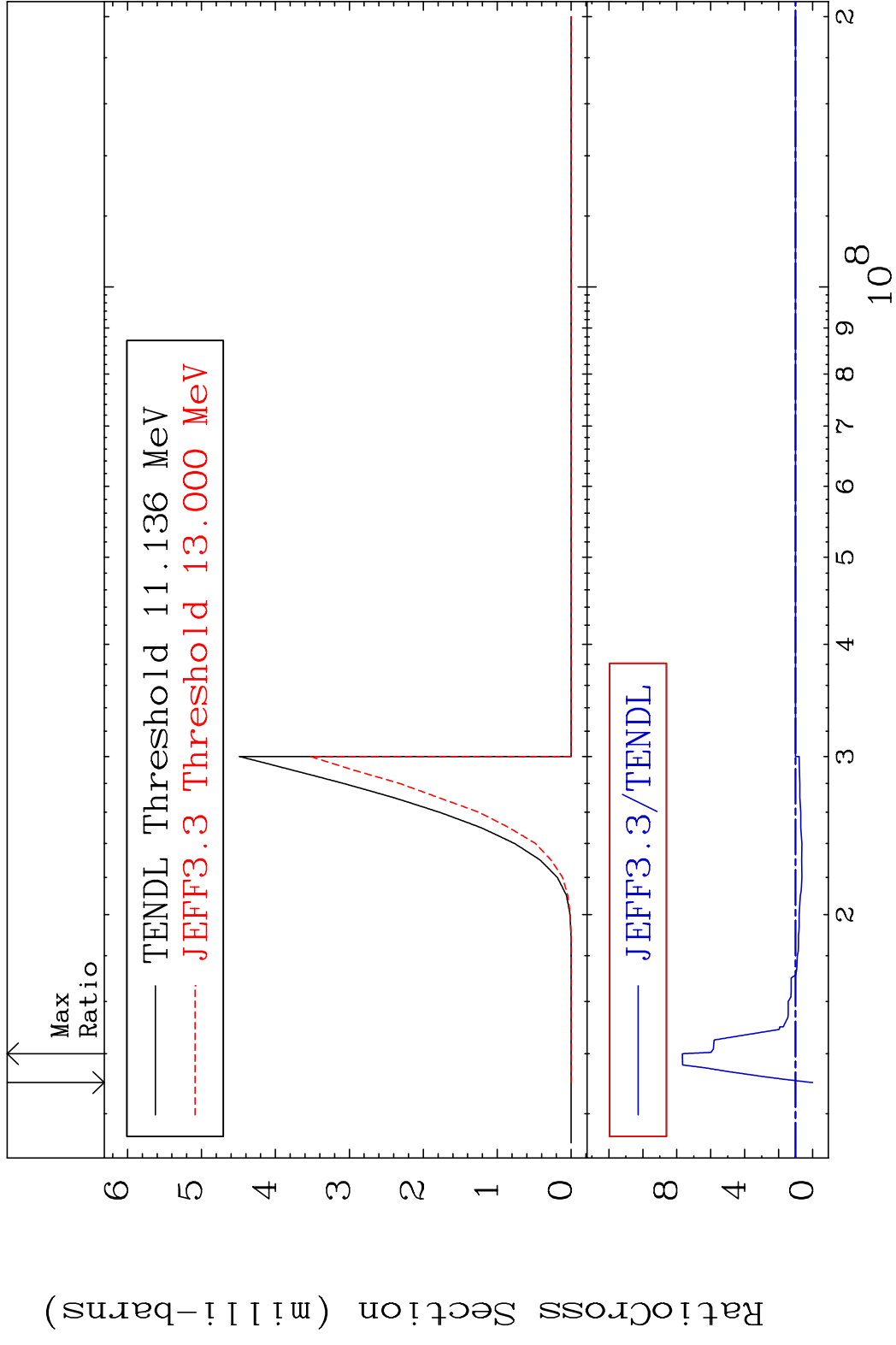




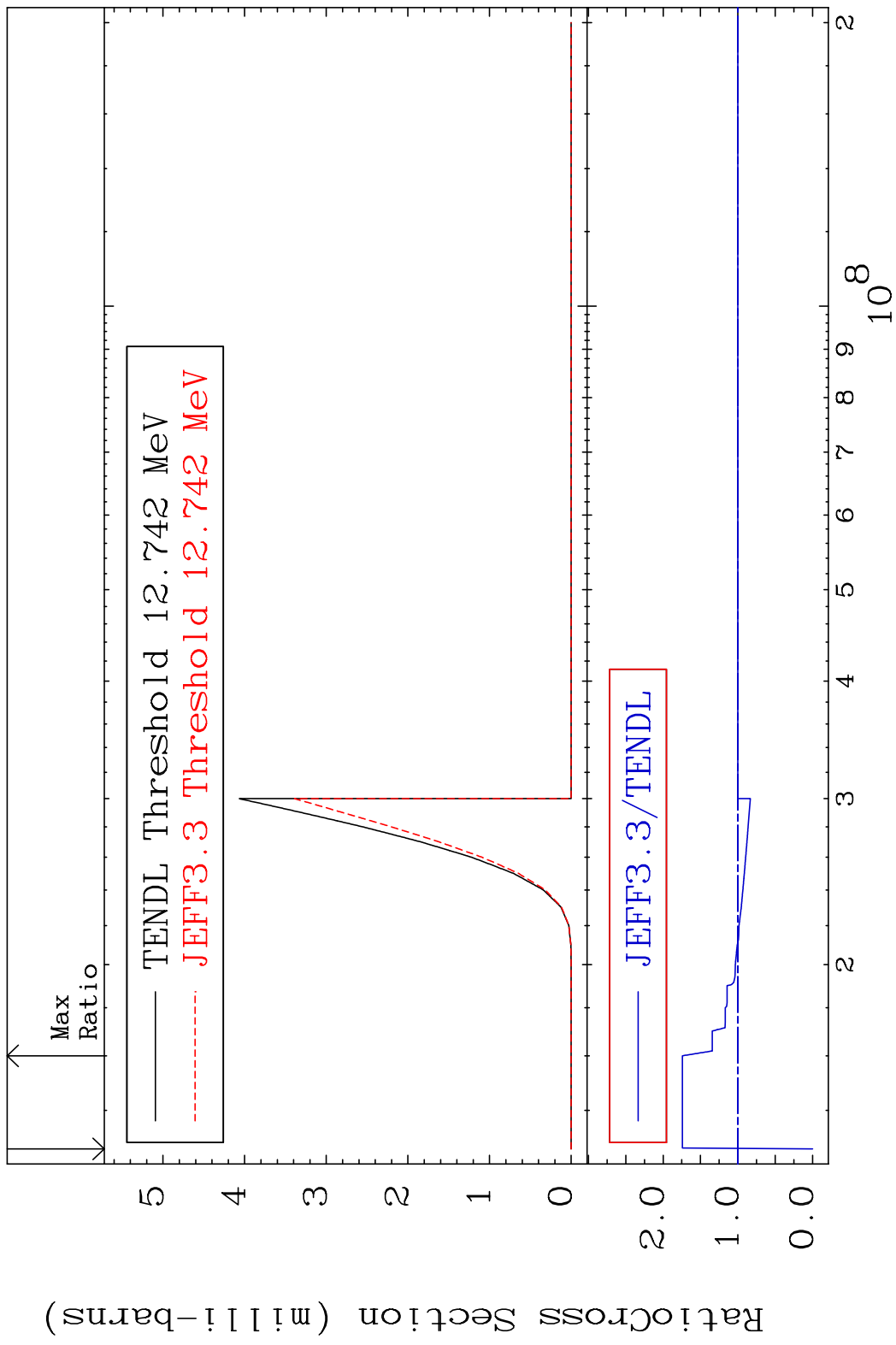


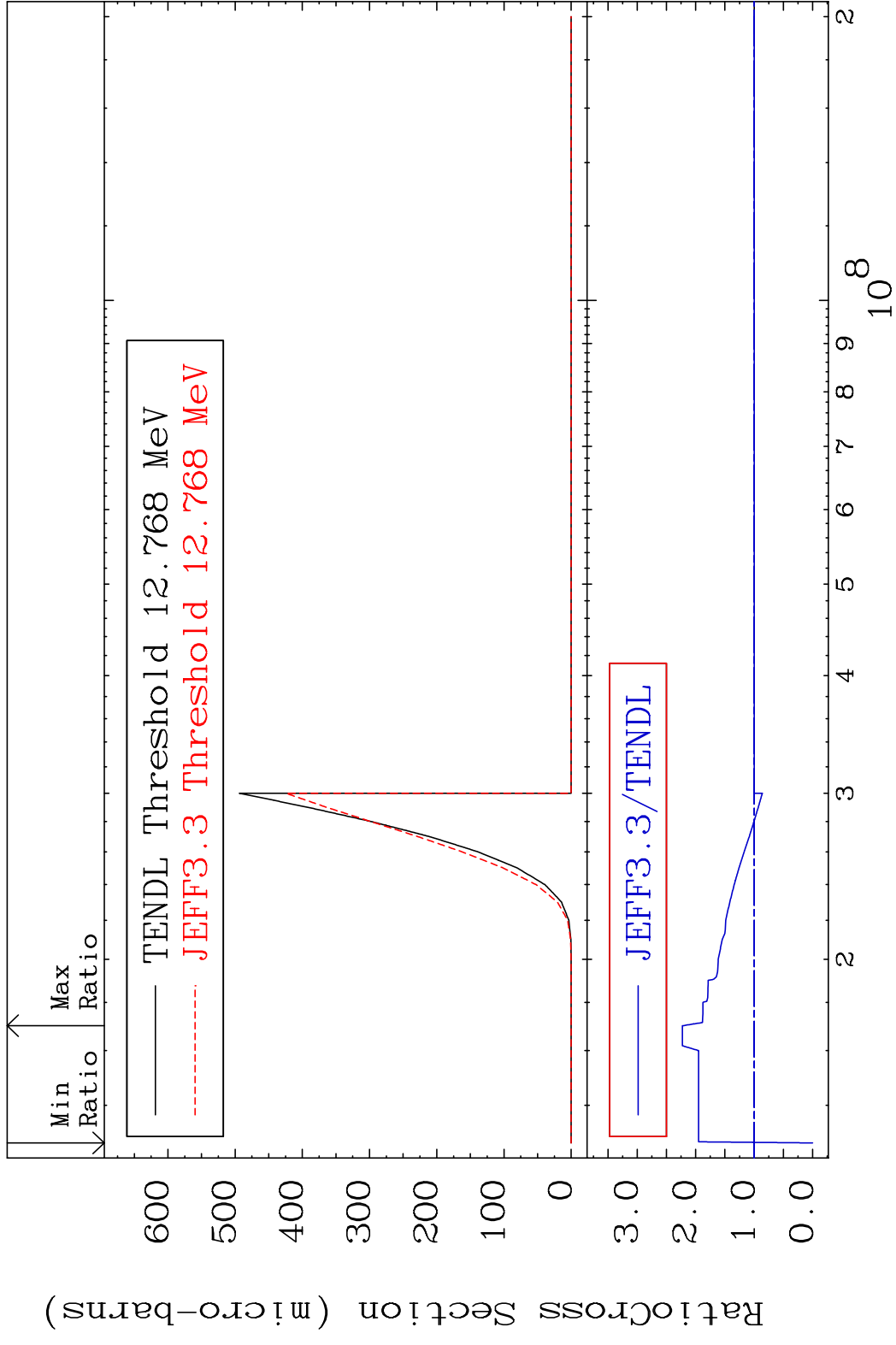


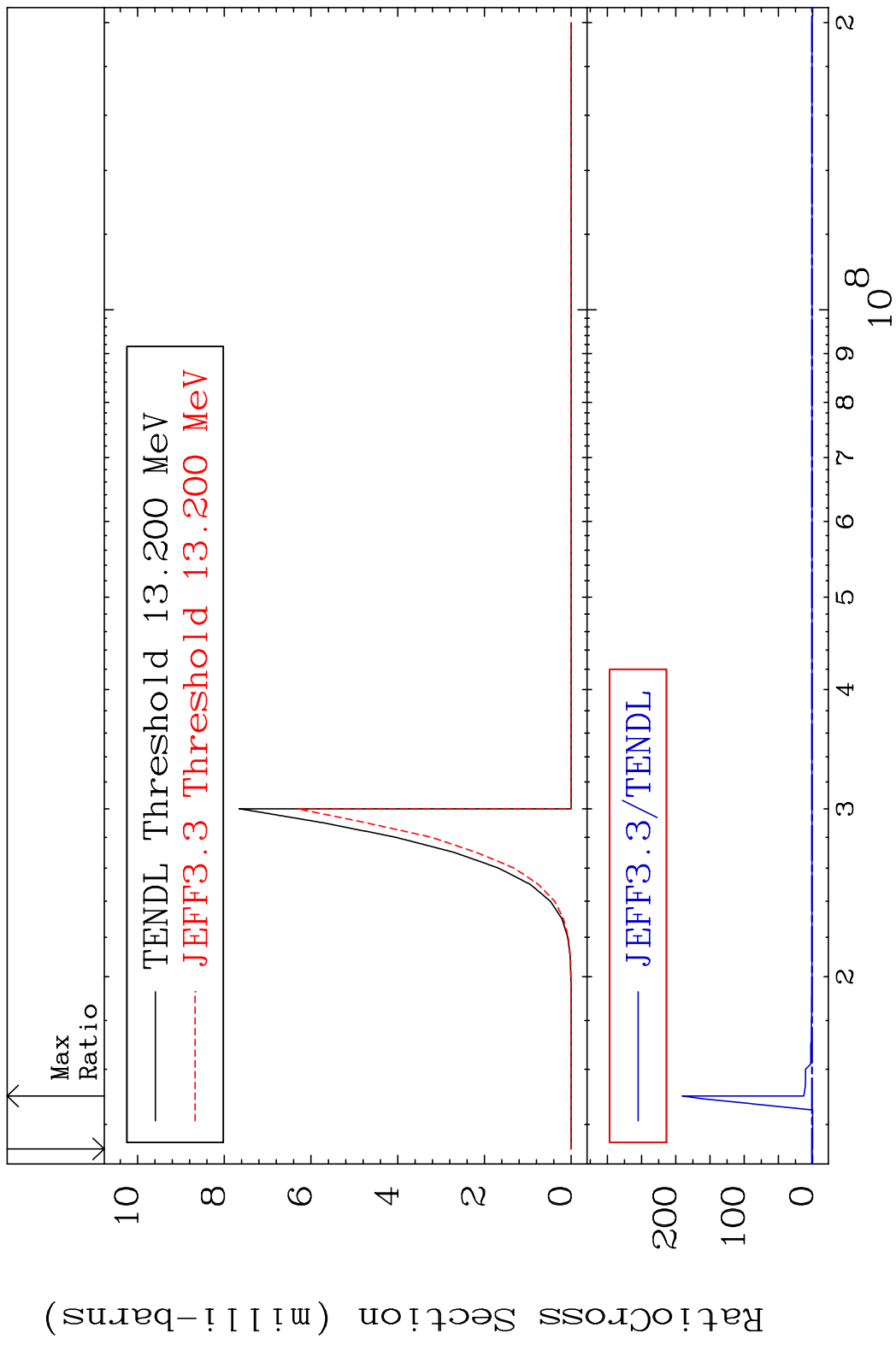


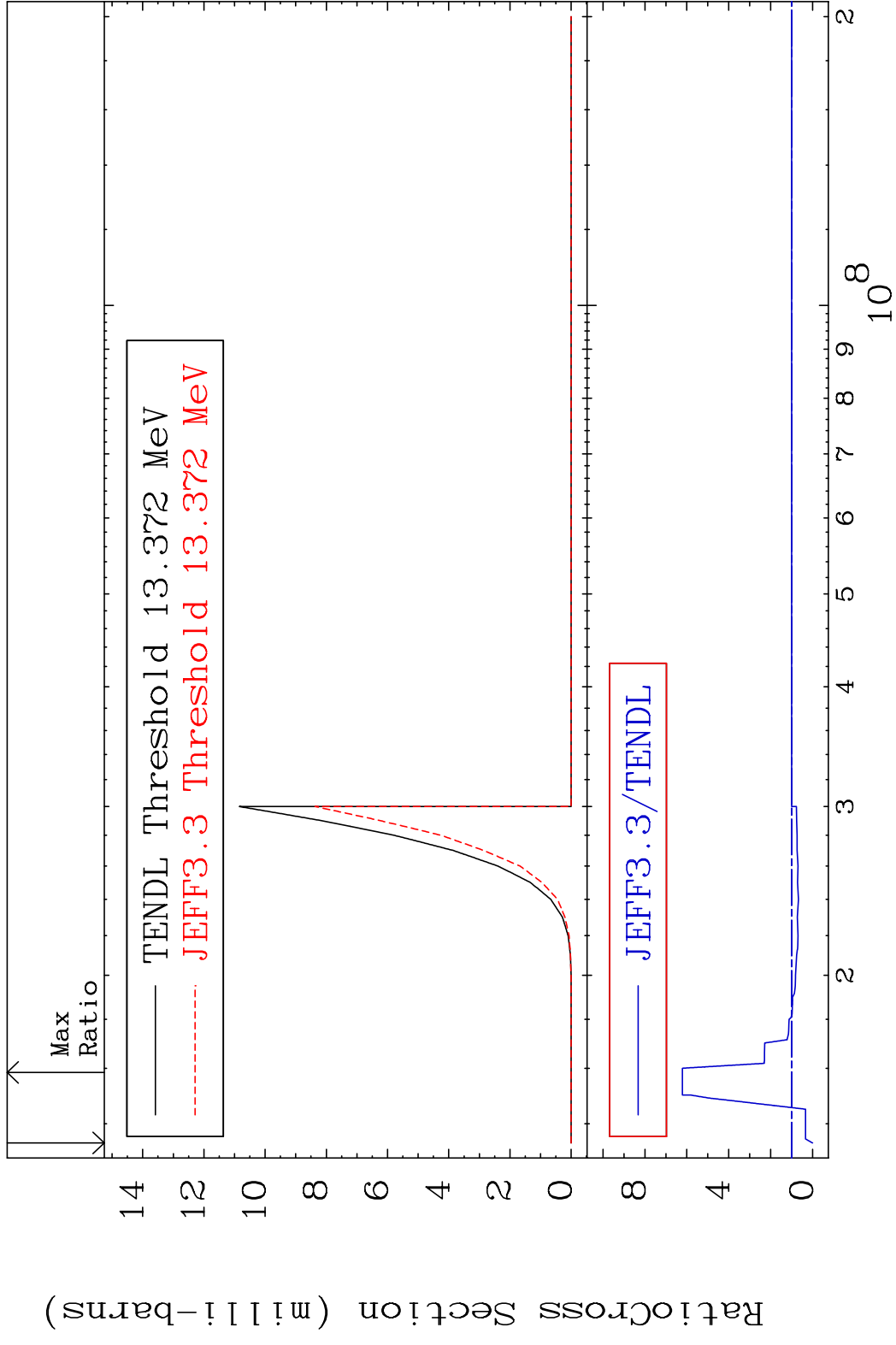


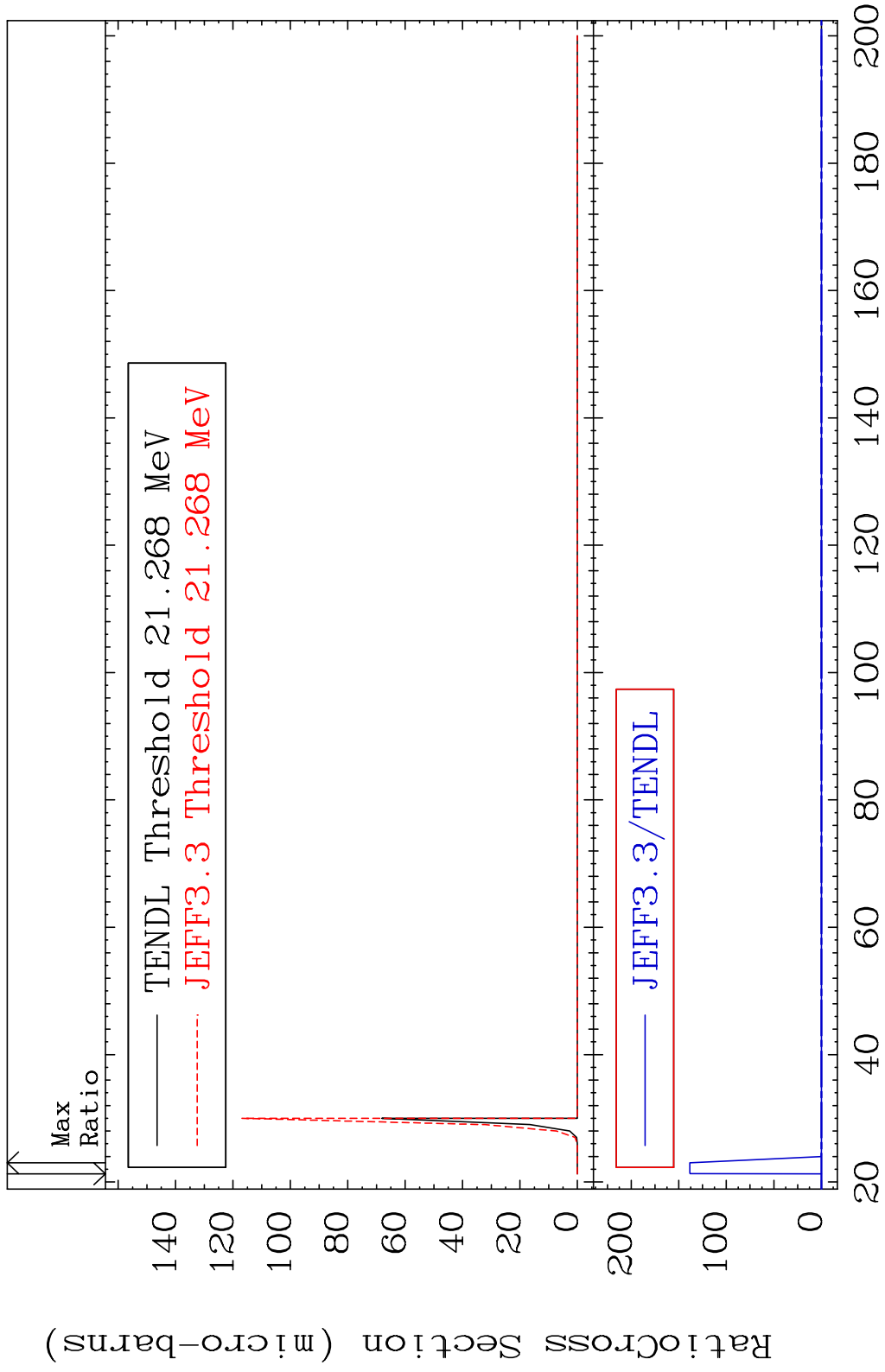
MAT 7834 (n, n') t:77-Ir-190g 78-Pt-193
 Radionuclide Production Cross Section Ratio 74.26 %

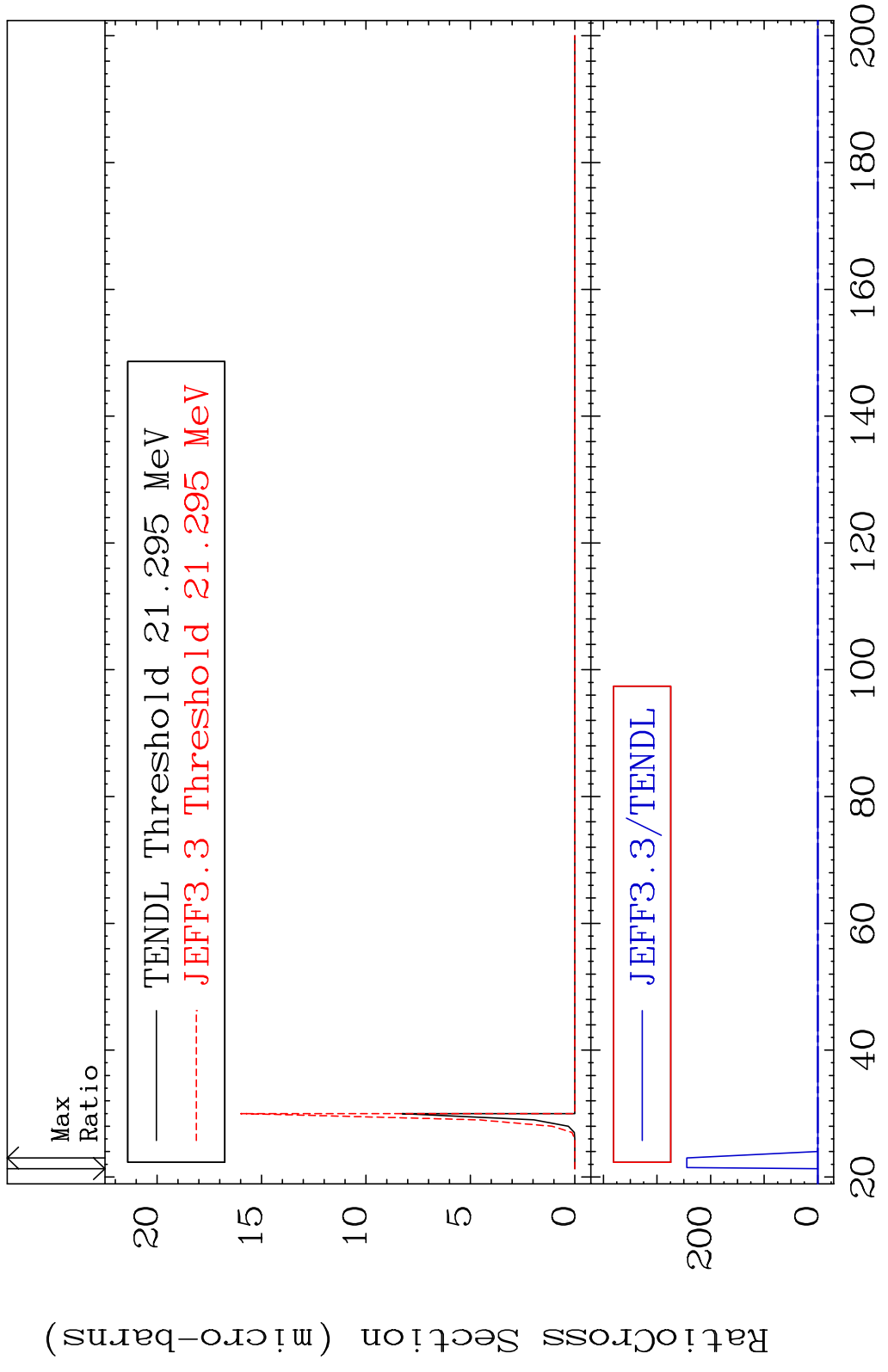


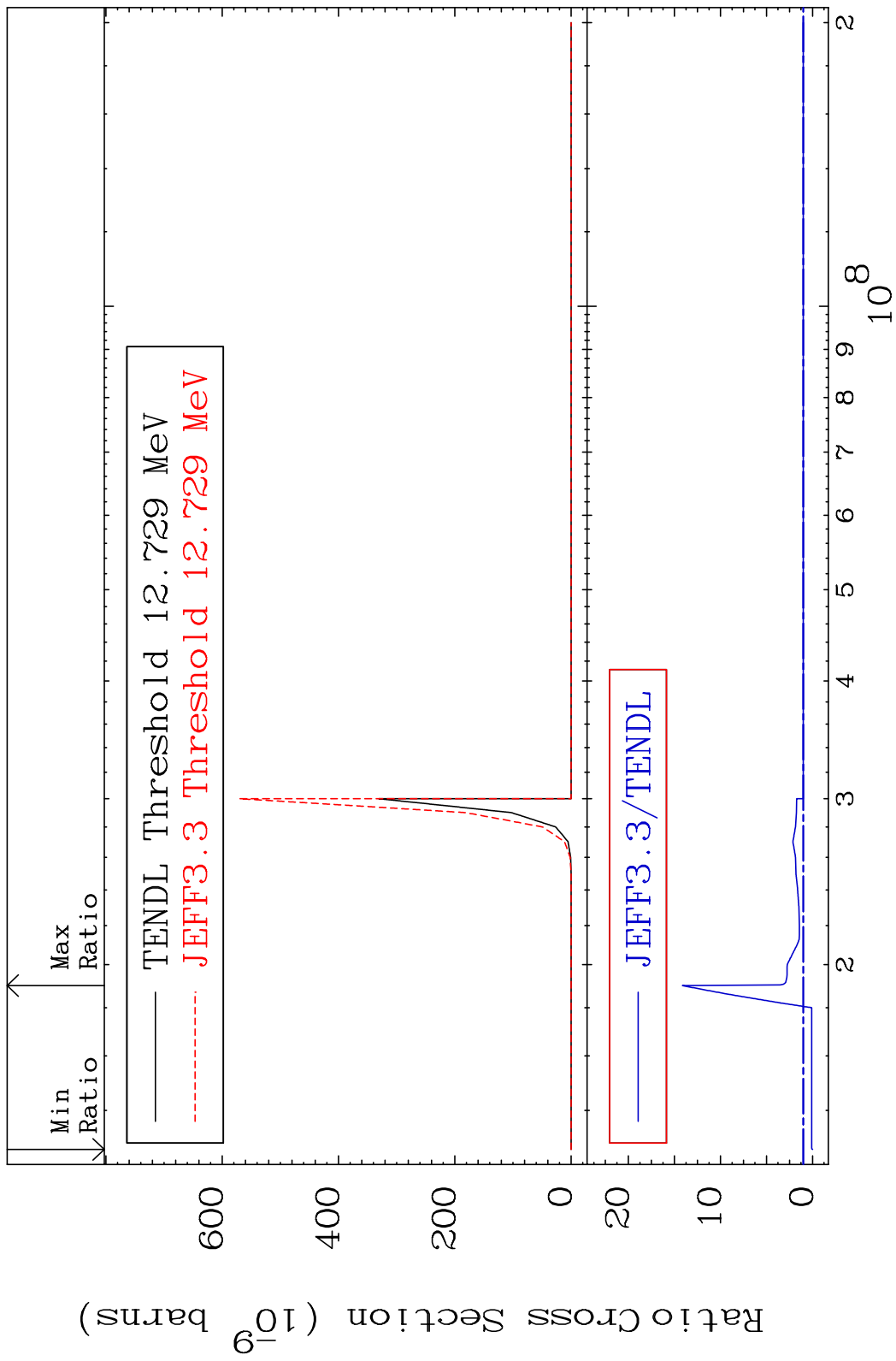


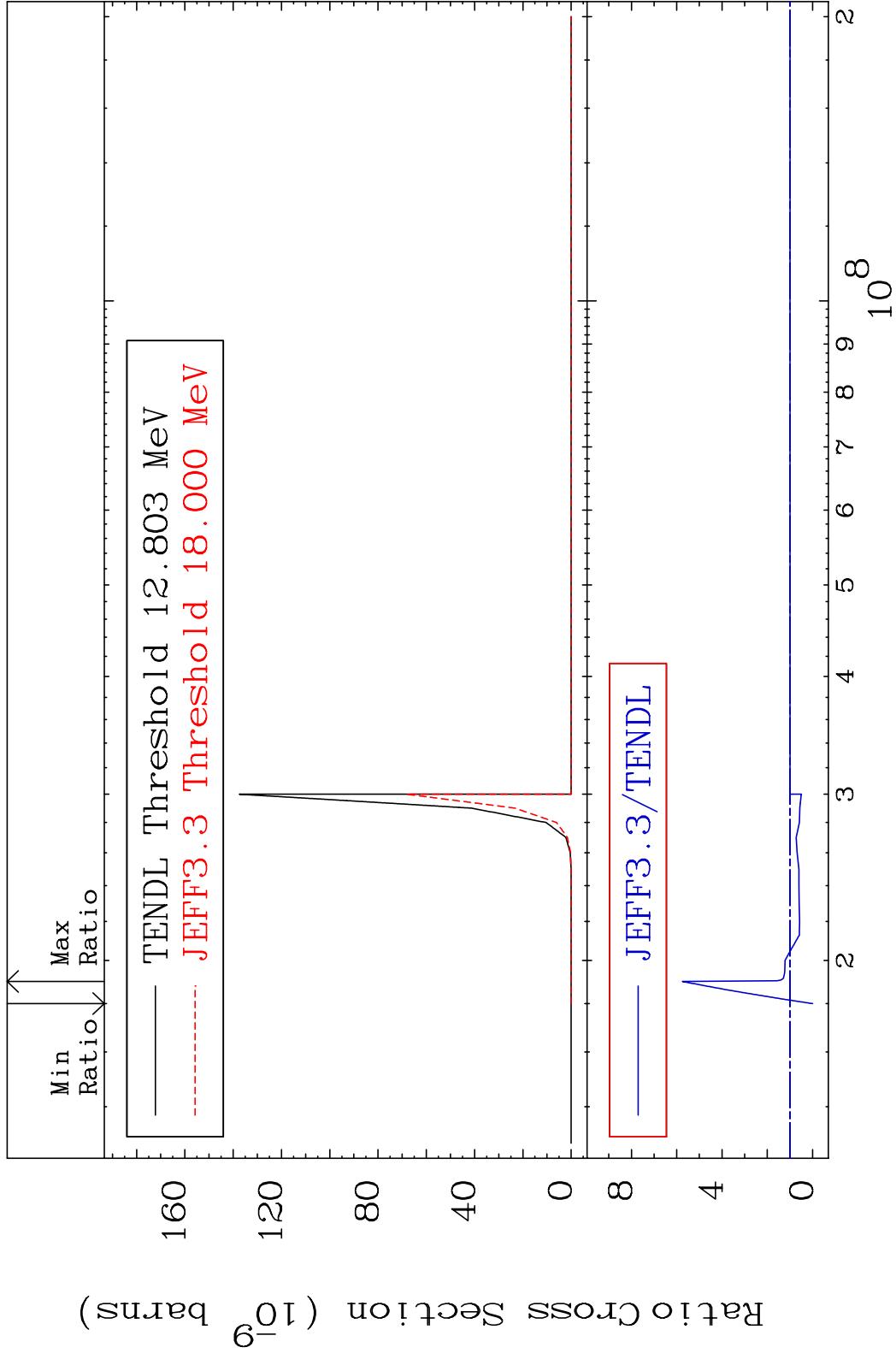


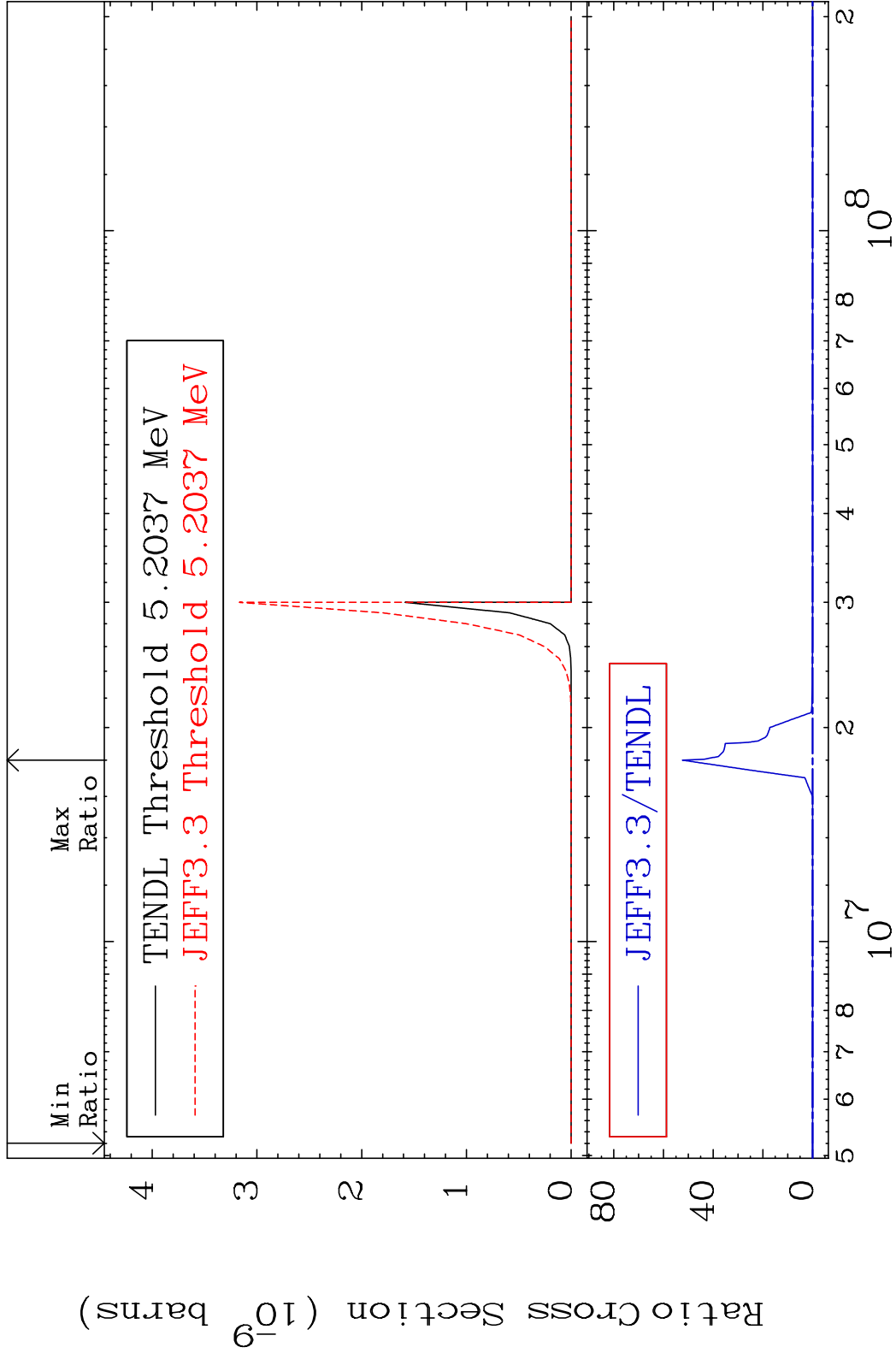


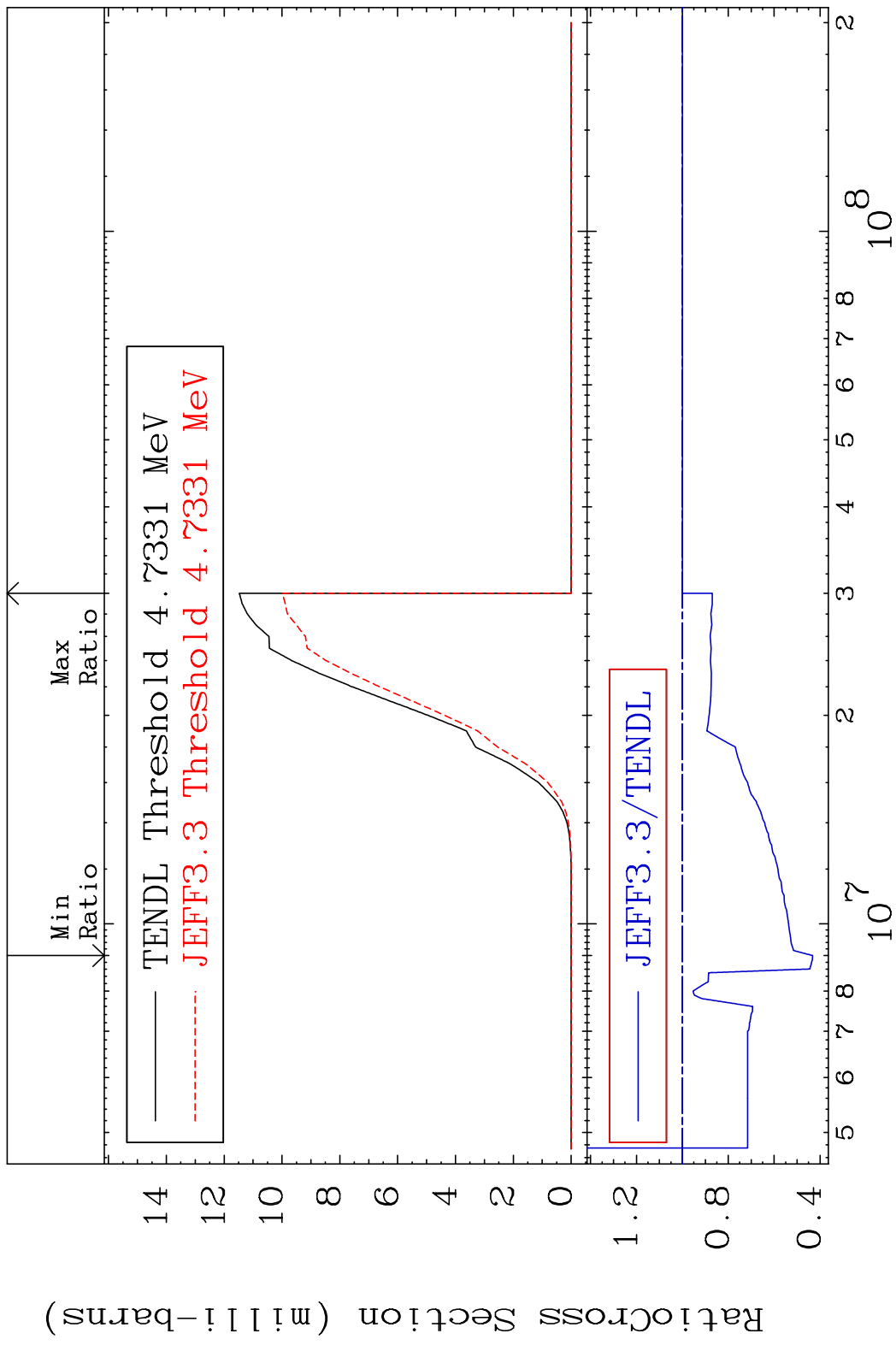


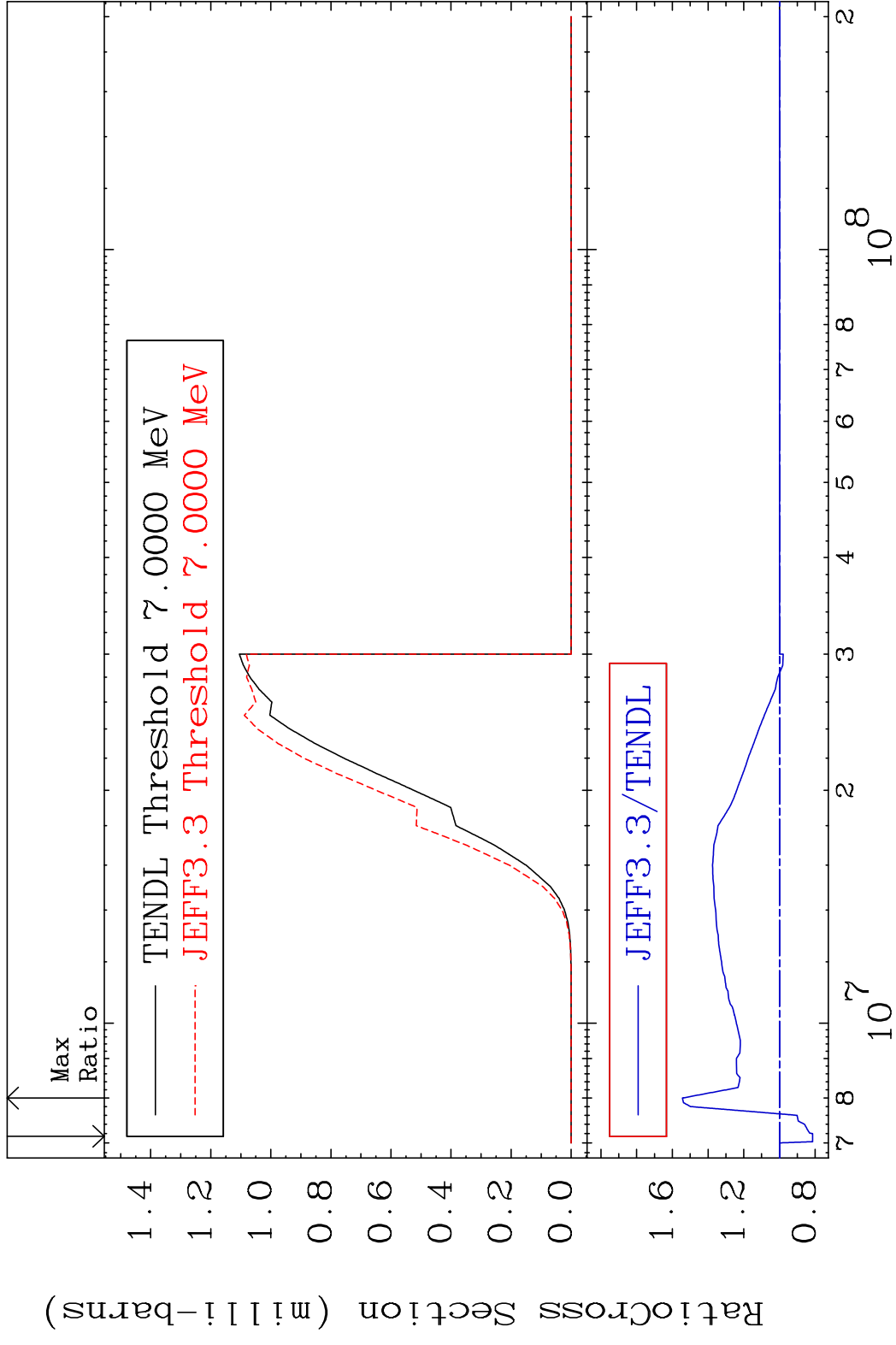


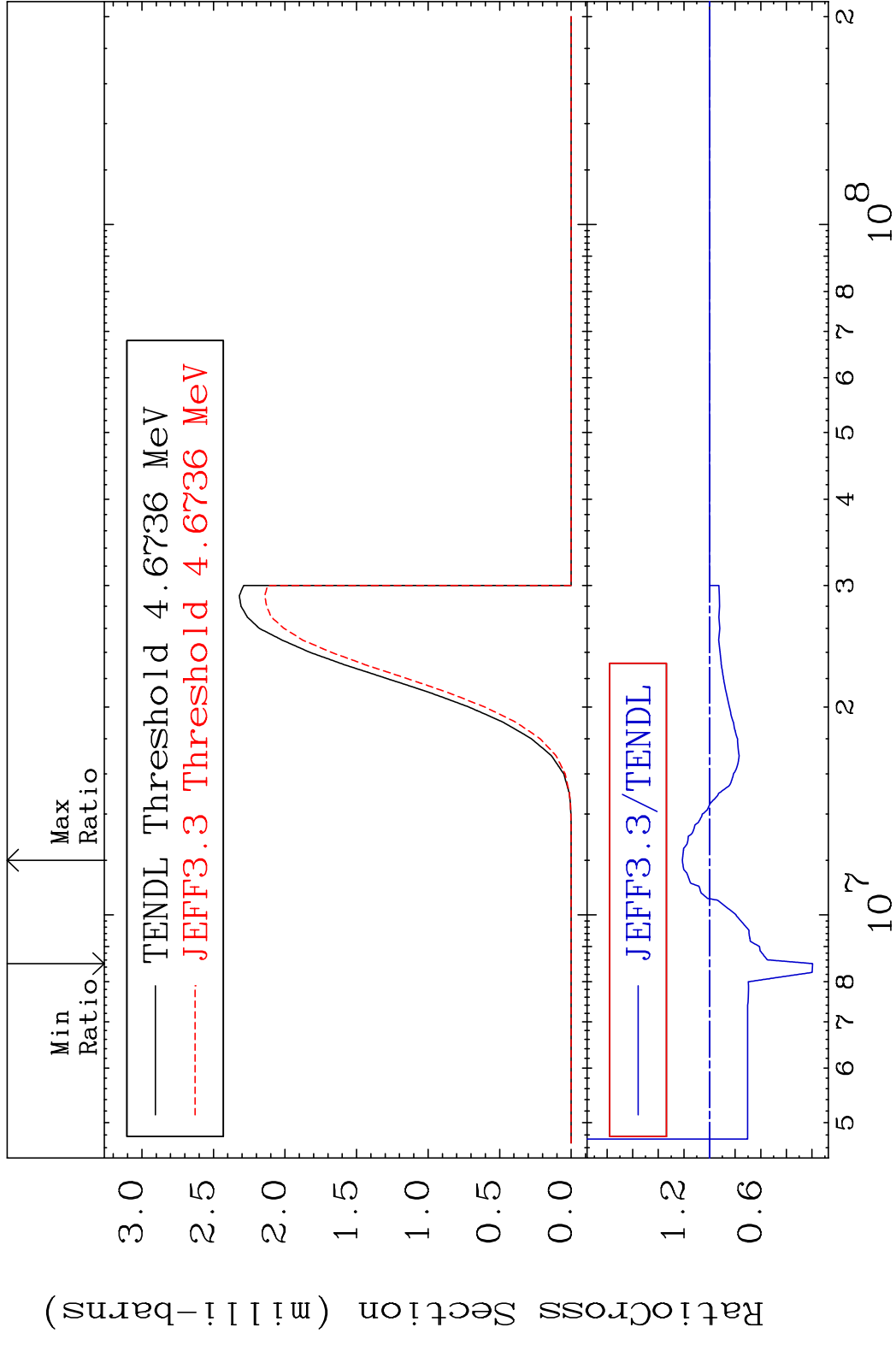


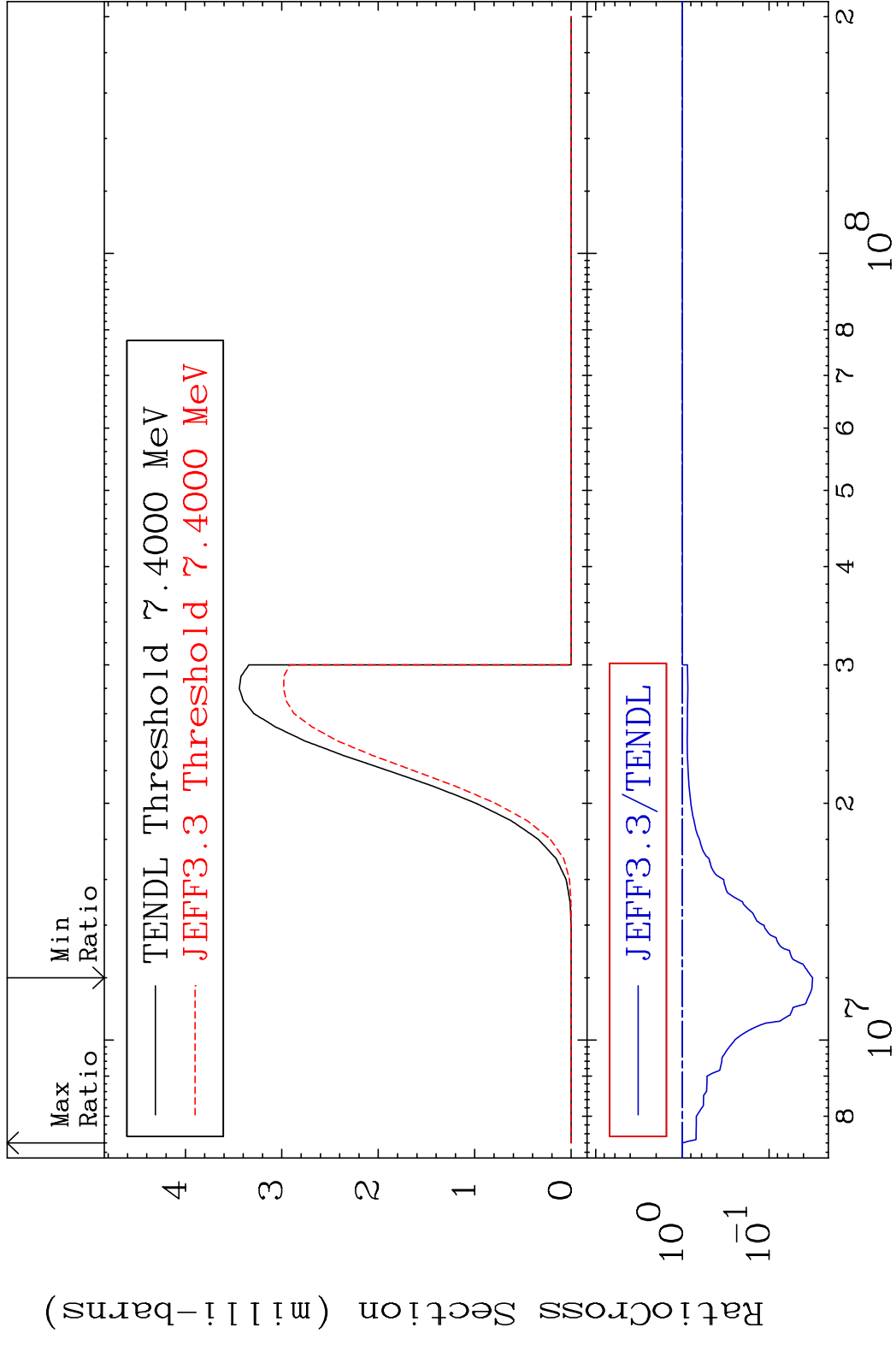












MAT 7834 (n, He-3): 76-Os-191g 78-Pt-193
 Radionuclide Production Cross Section Ratio 32.11 %

