

Program Complot
(Version 2021-1)

by

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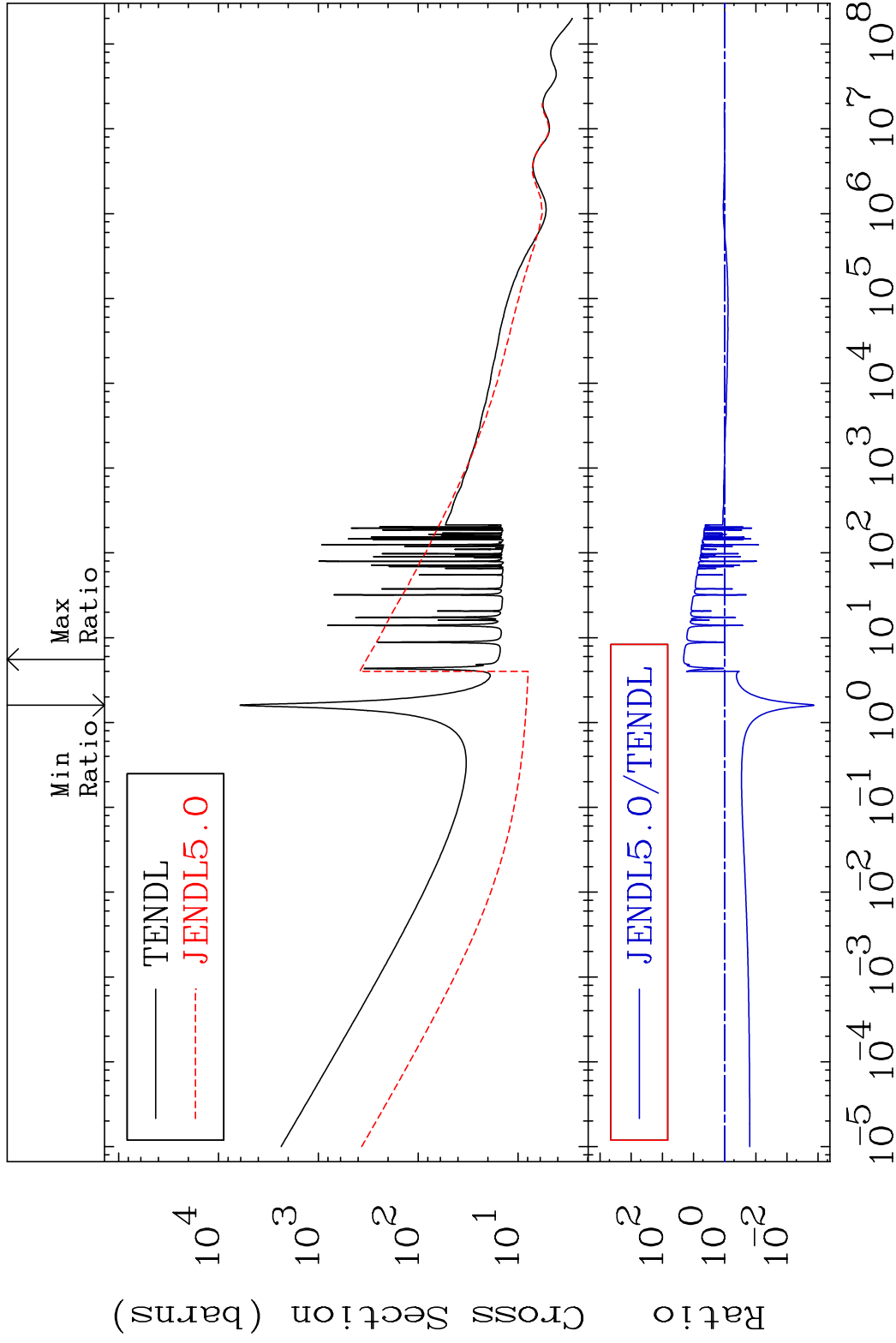
Press Mouse Button to Start

MAT 7834

Total

78-Pt-193

Cross Section -99.87 To 1969. %



1

Incident Energy (eV)

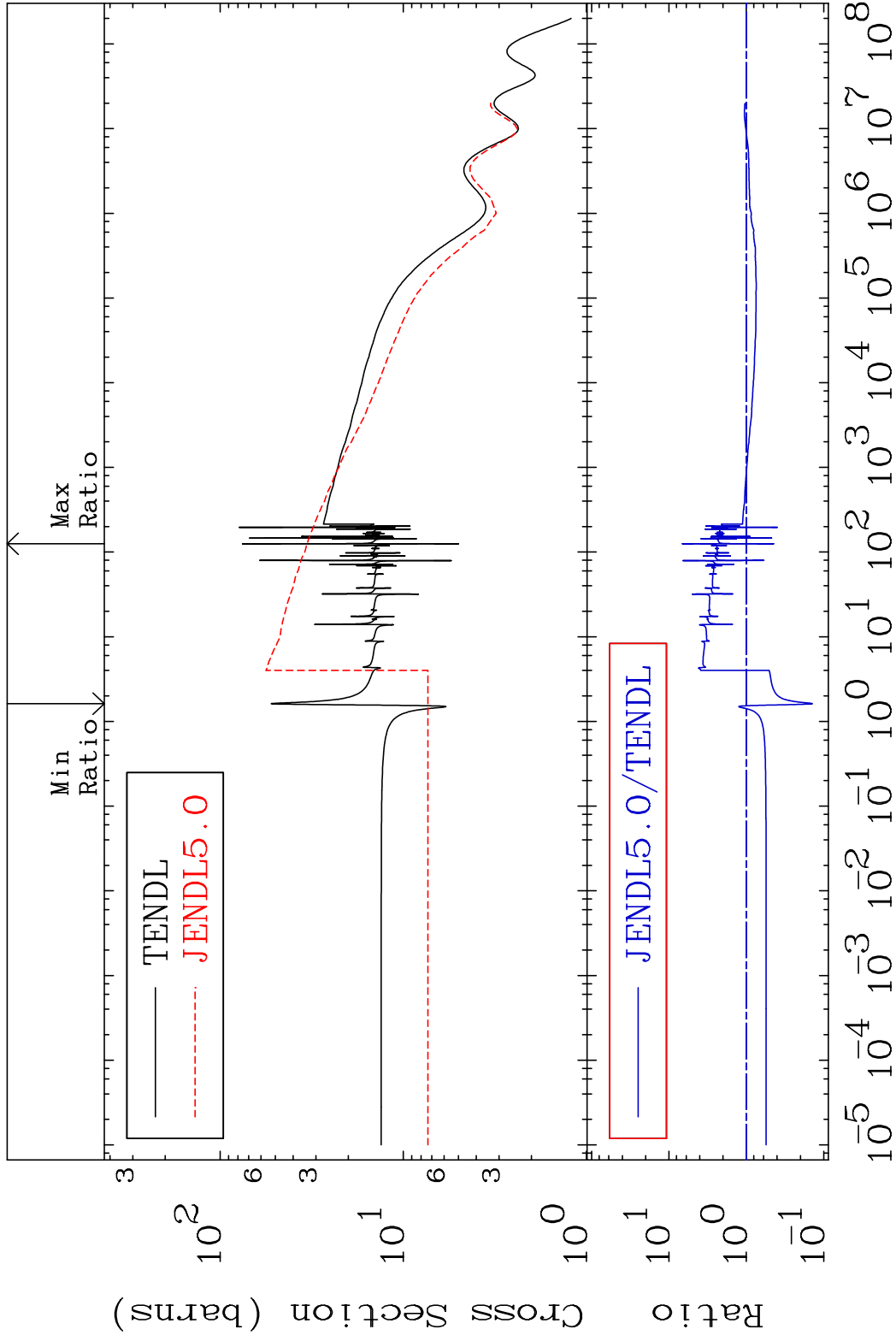
78-Pt-193

MAT 7834

Elastic

78-Pt-193

Cross Section -86.06 To 572.0 %

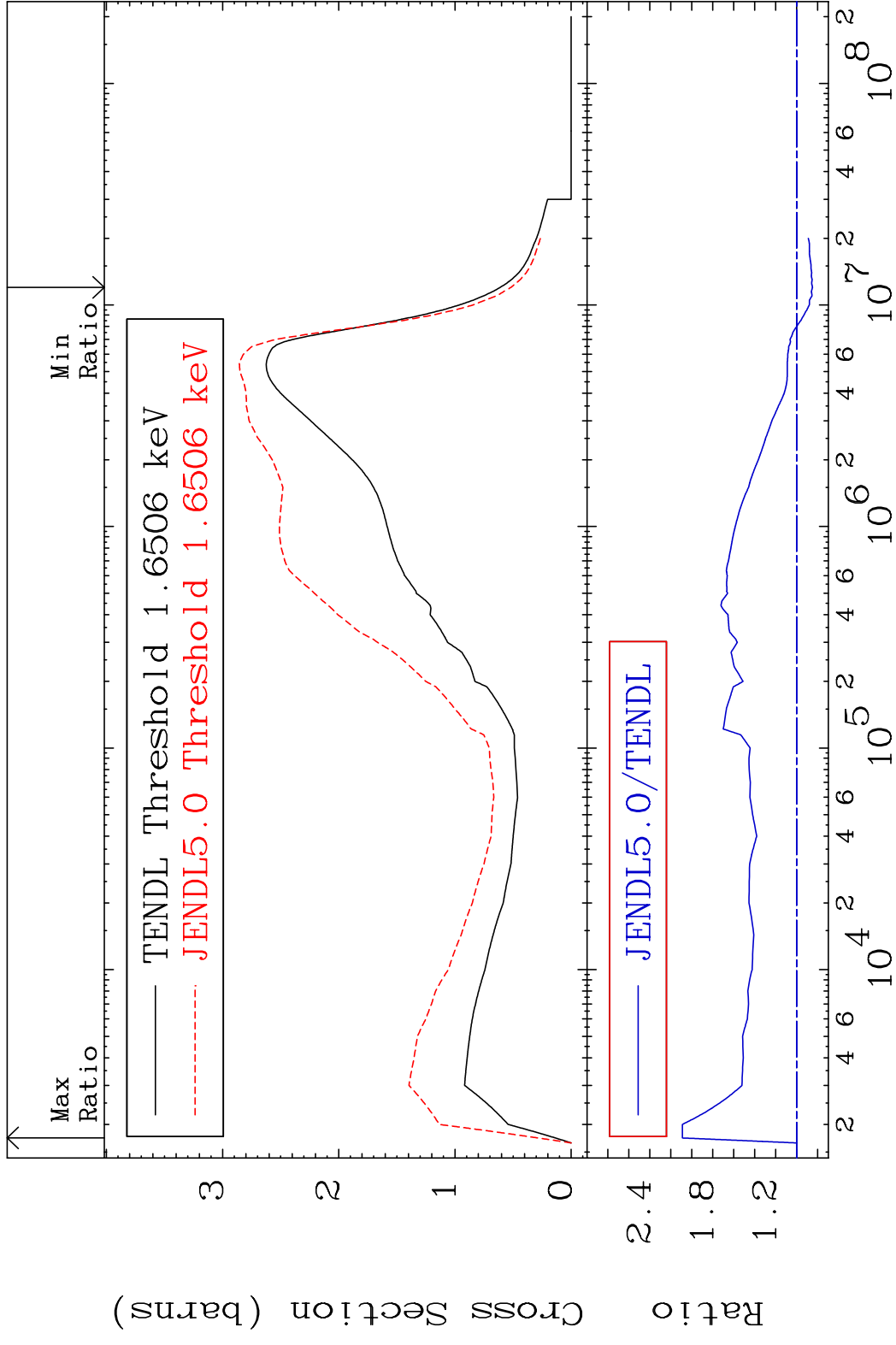


2

Incident Energy (eV)

78-Pt-193

MAT 7834 Inelastic 78-Pt-193
 Cross Section -15.21 To 109.0 %

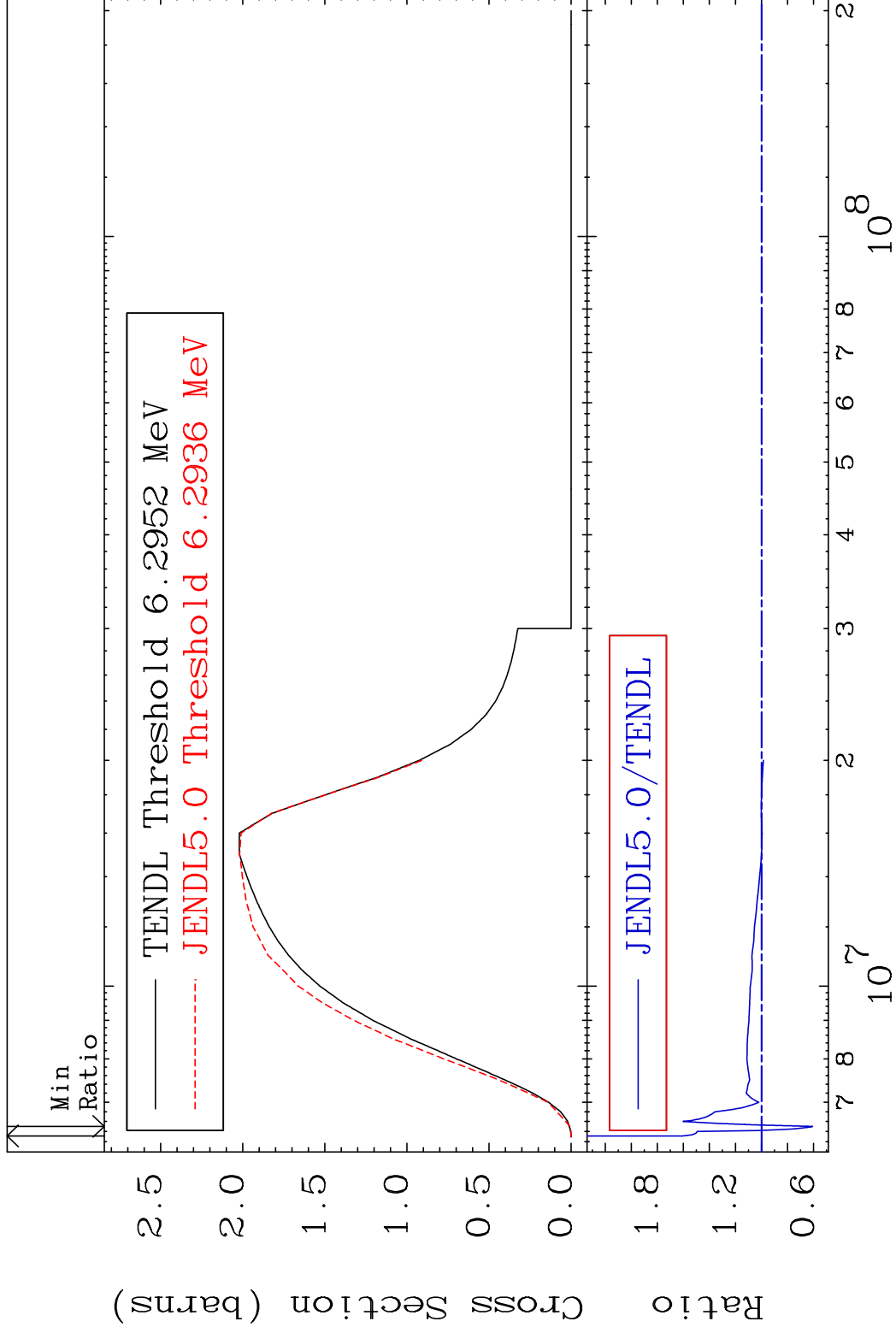


MAT 7834

(n,2n)

78-Pt-193

Cross Section -39.27 To 60.77 %



4

Incident Energy (eV)

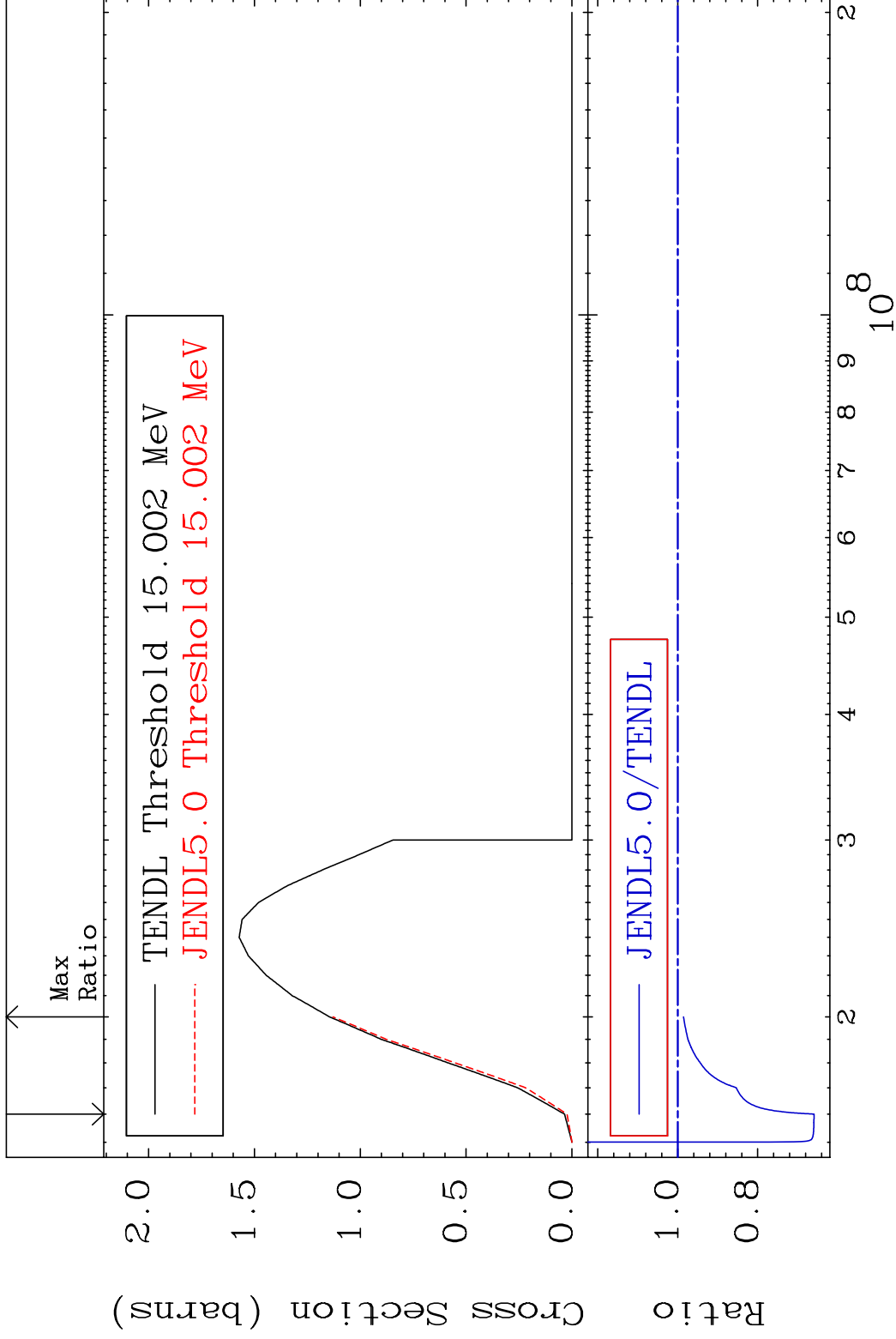
78-Pt-193

MAT 7834

(n,3n)

78-Pt-193

Cross Section -34.10 To -1.430%



5

Incident Energy (eV)

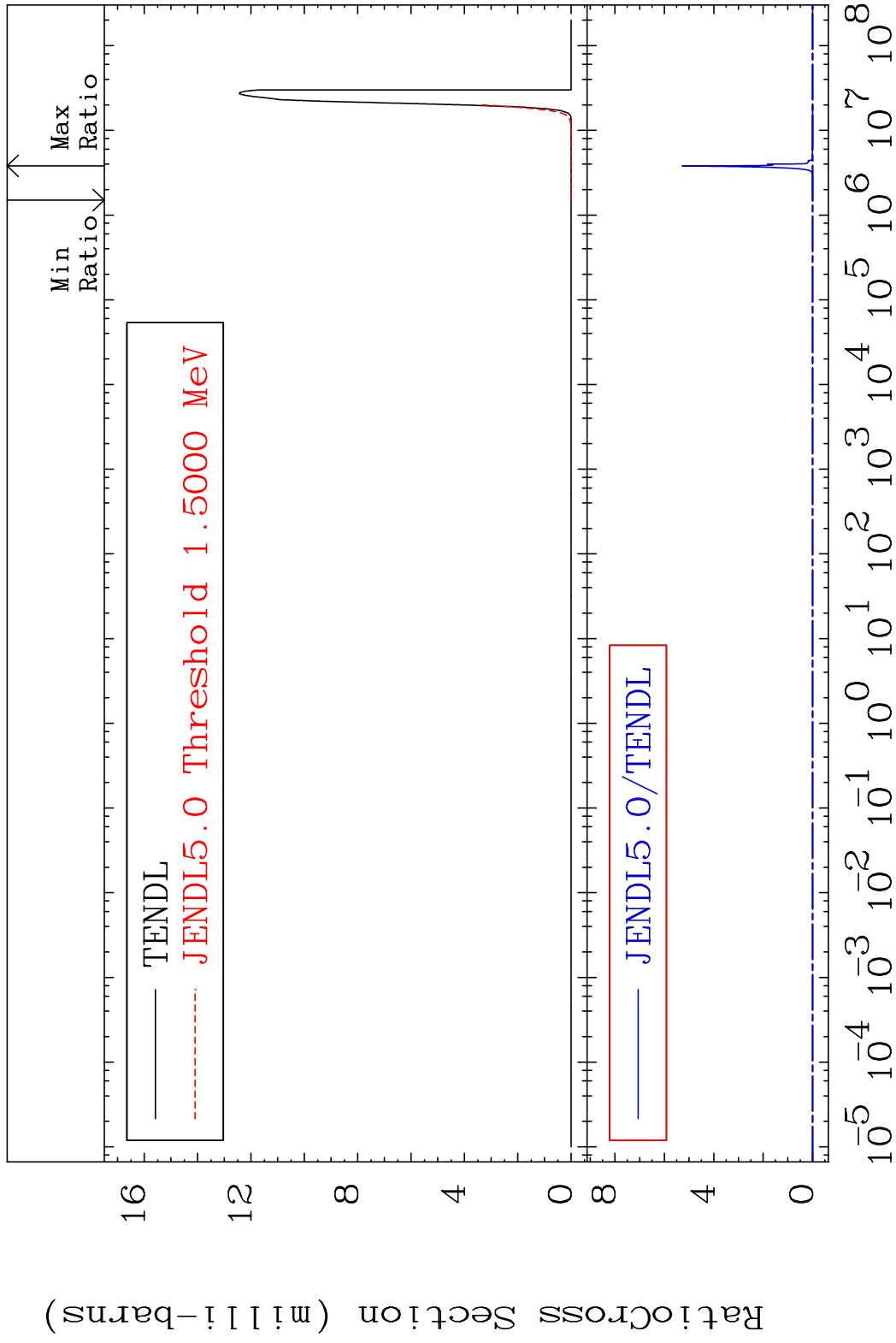
78-Pt-193

MAT 7834

(n, n') α

78-Pt-193

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

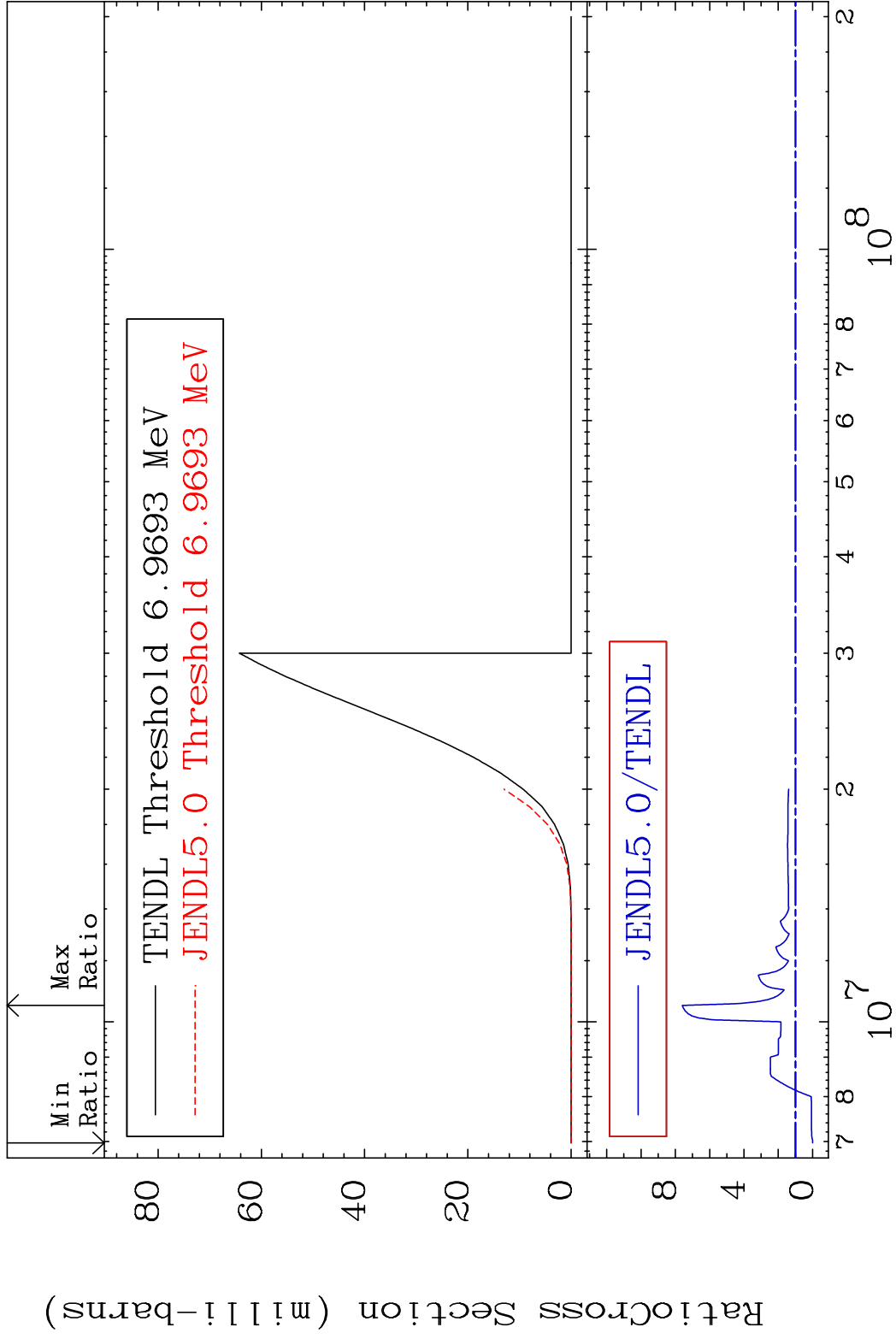
78-Pt-193

MAT 7834

(n, n') p

78-Pt-193

Cross Section -100.0 To 659.1 %



7

Incident Energy (eV)

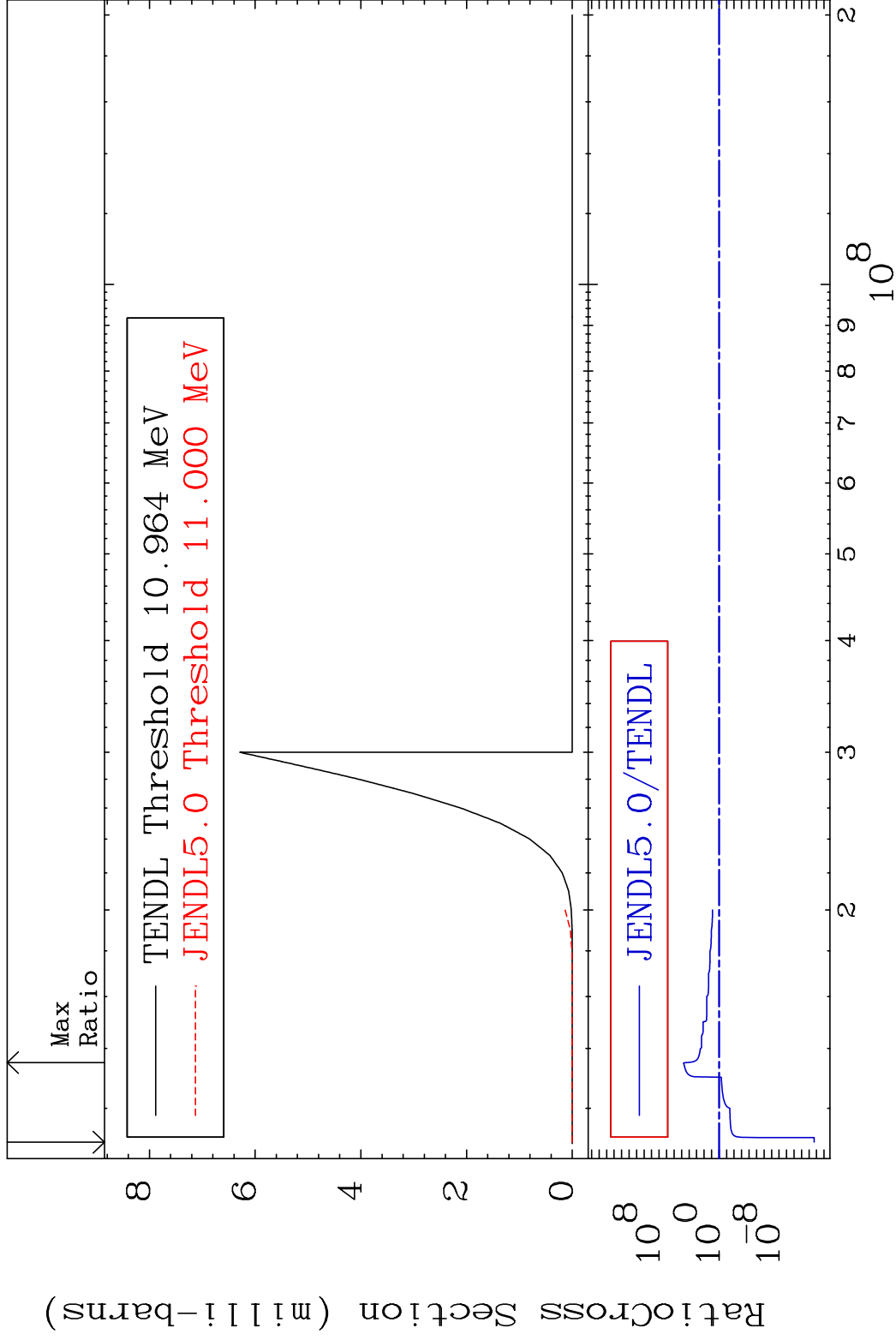
78-Pt-193

MAT 7834

(n, n') d

78-Pt-193

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

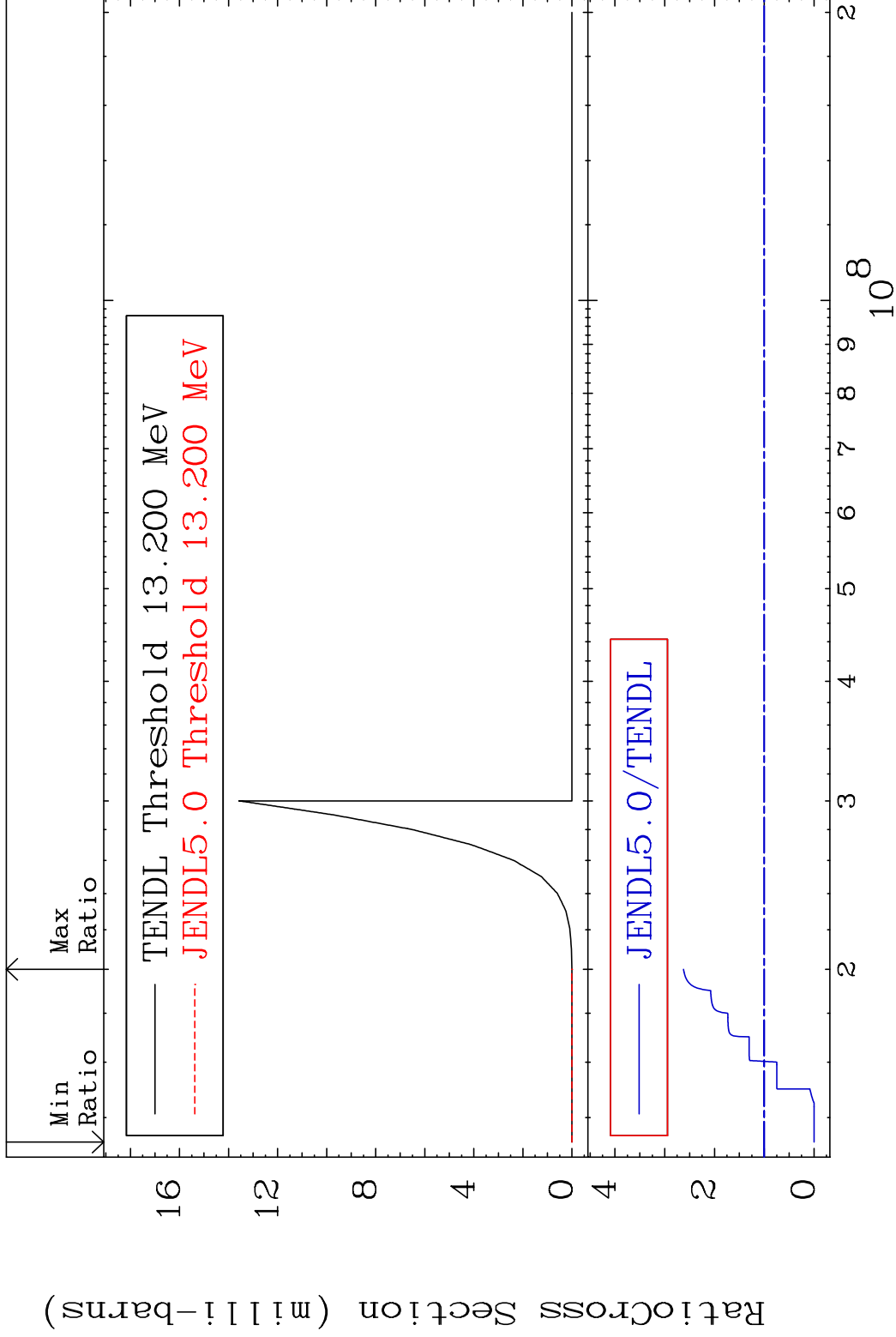
78-Pt-193

MAT 7834

(n,2n) p

78-Pt-193

Cross Section -100.0 To 162.4 %

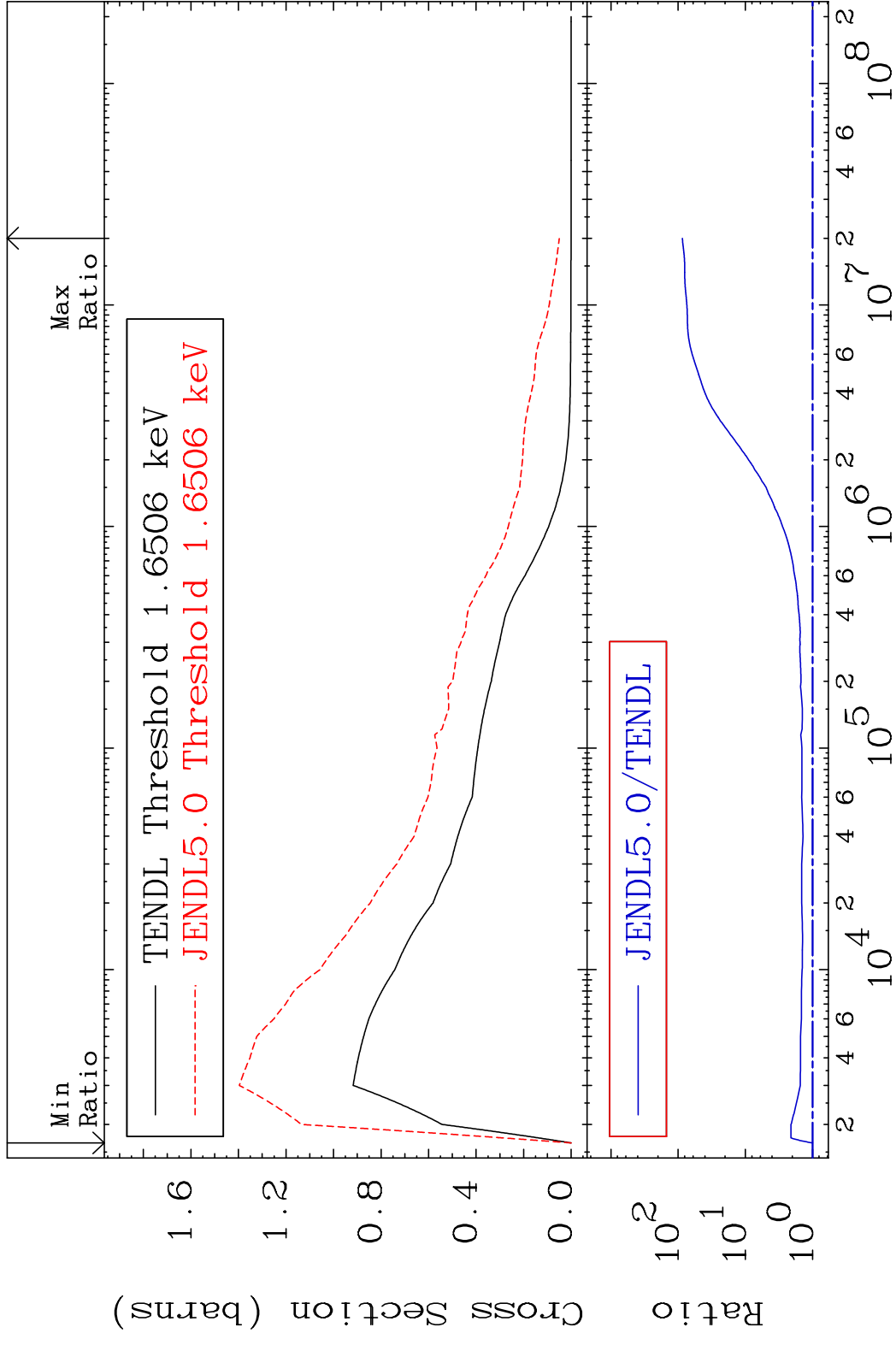


9

Incident Energy (eV)

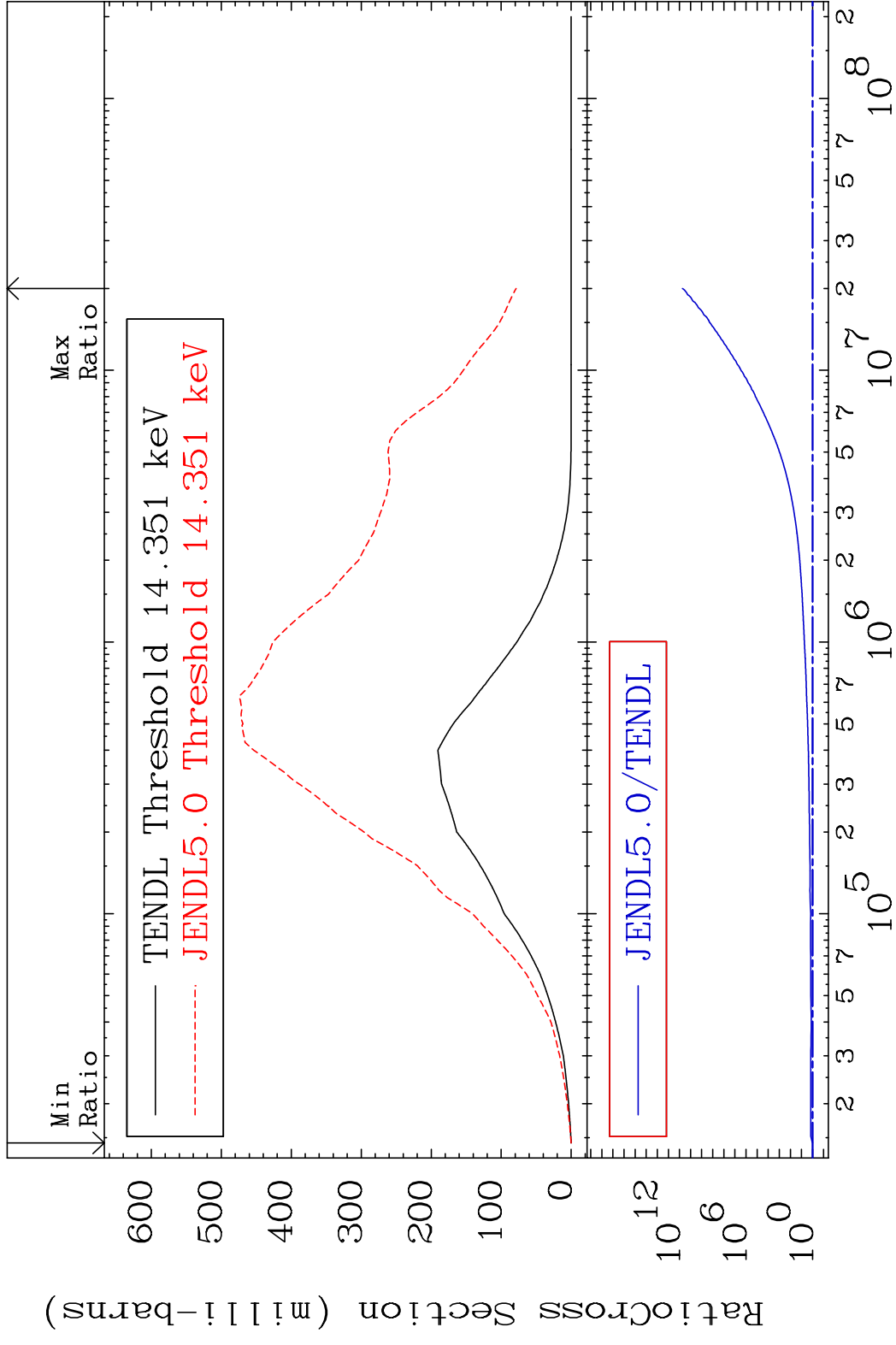
78-Pt-193

MAT 7834 MT= 51 (n,n') Level 78-Pt-193
 Cross Section 0.000 To 8564. %

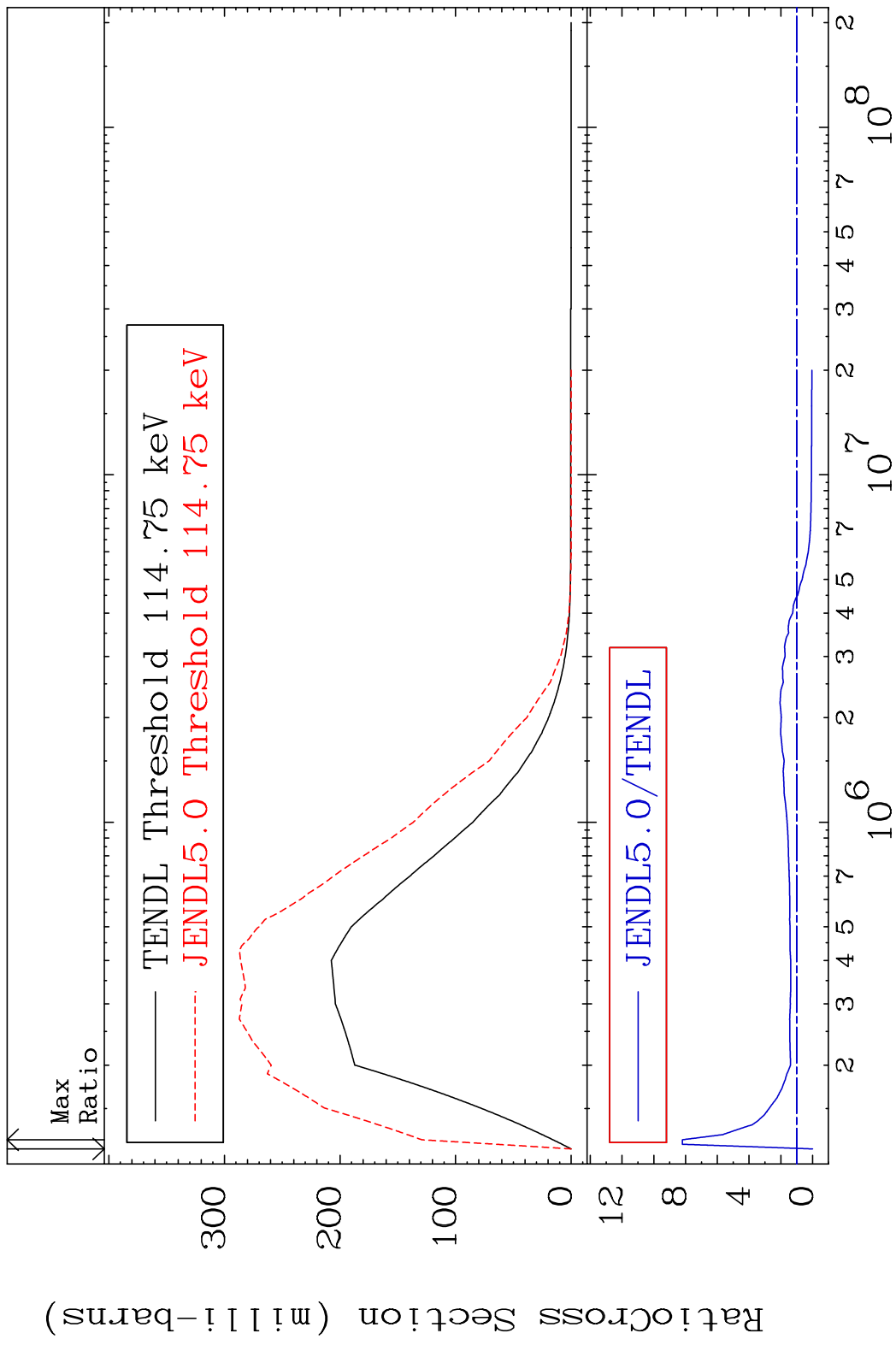


10 10 72 82 78-Pt-193

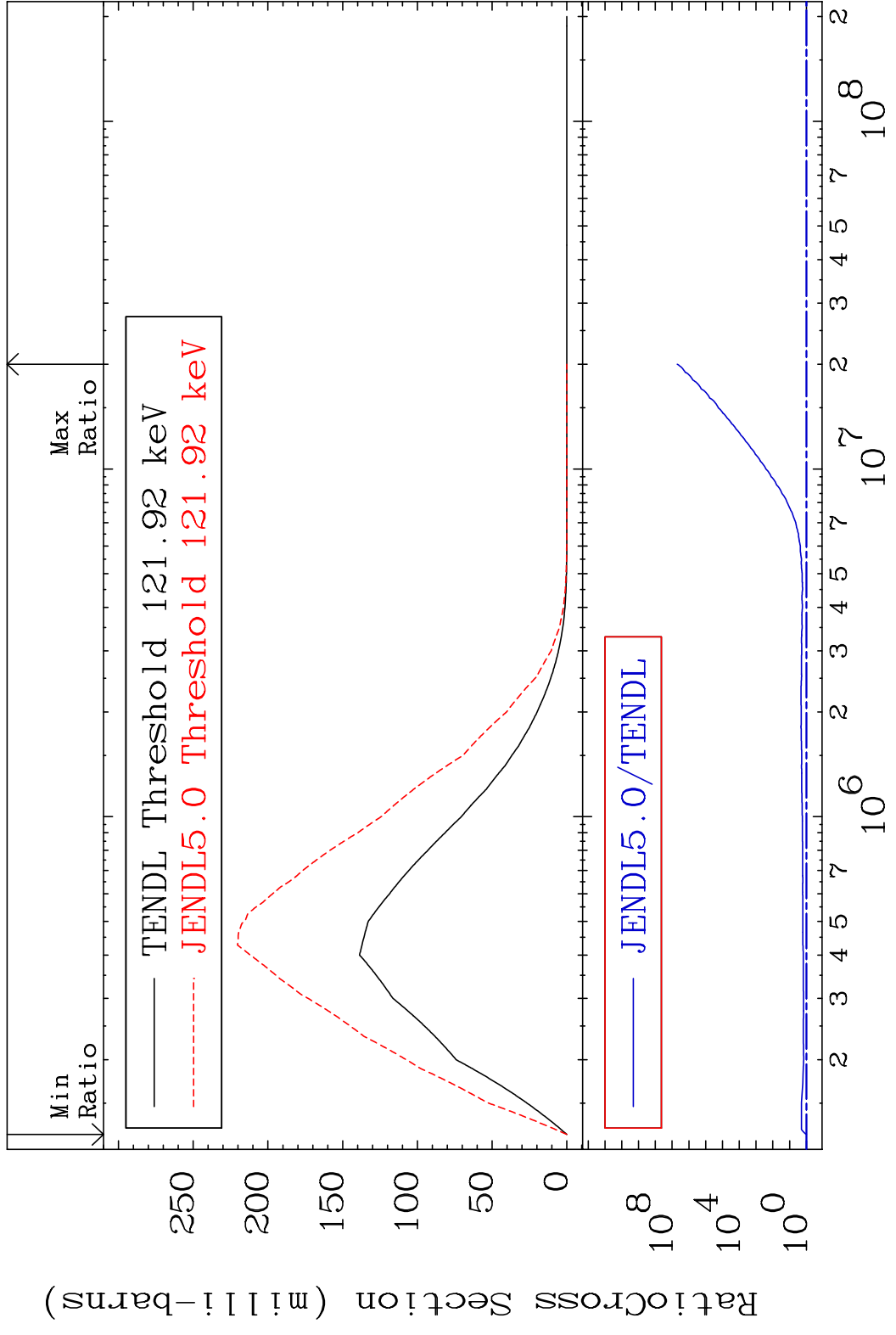
MAT 7834 MT= 52 (n,n') Level 78-Pt-193
 Cross Section 0.000 To 9999. %



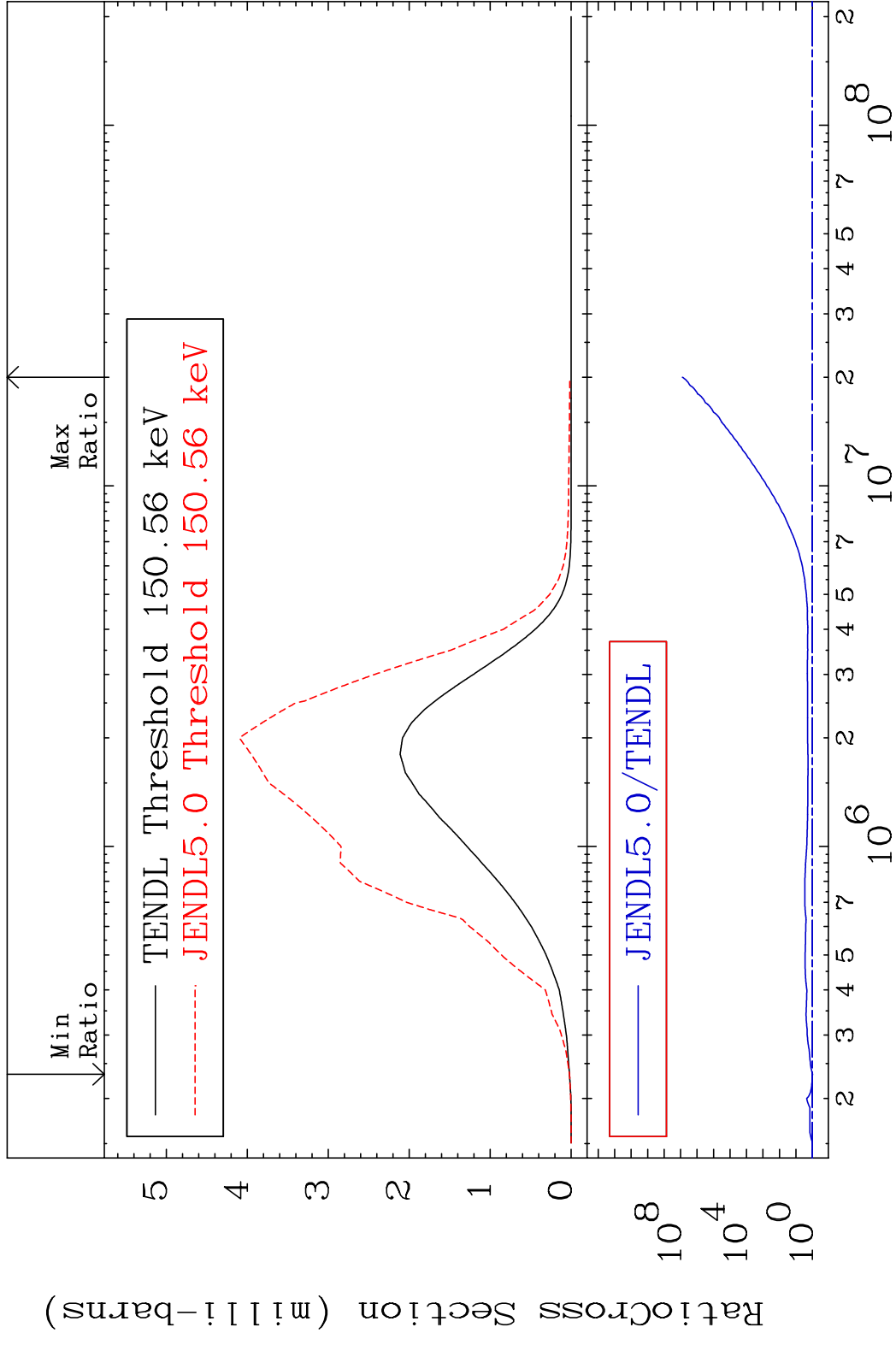
MAT 7834 MT= 53 (n, n') Level 78-Pt-193
 Cross Section -100.0 To 720.2 %



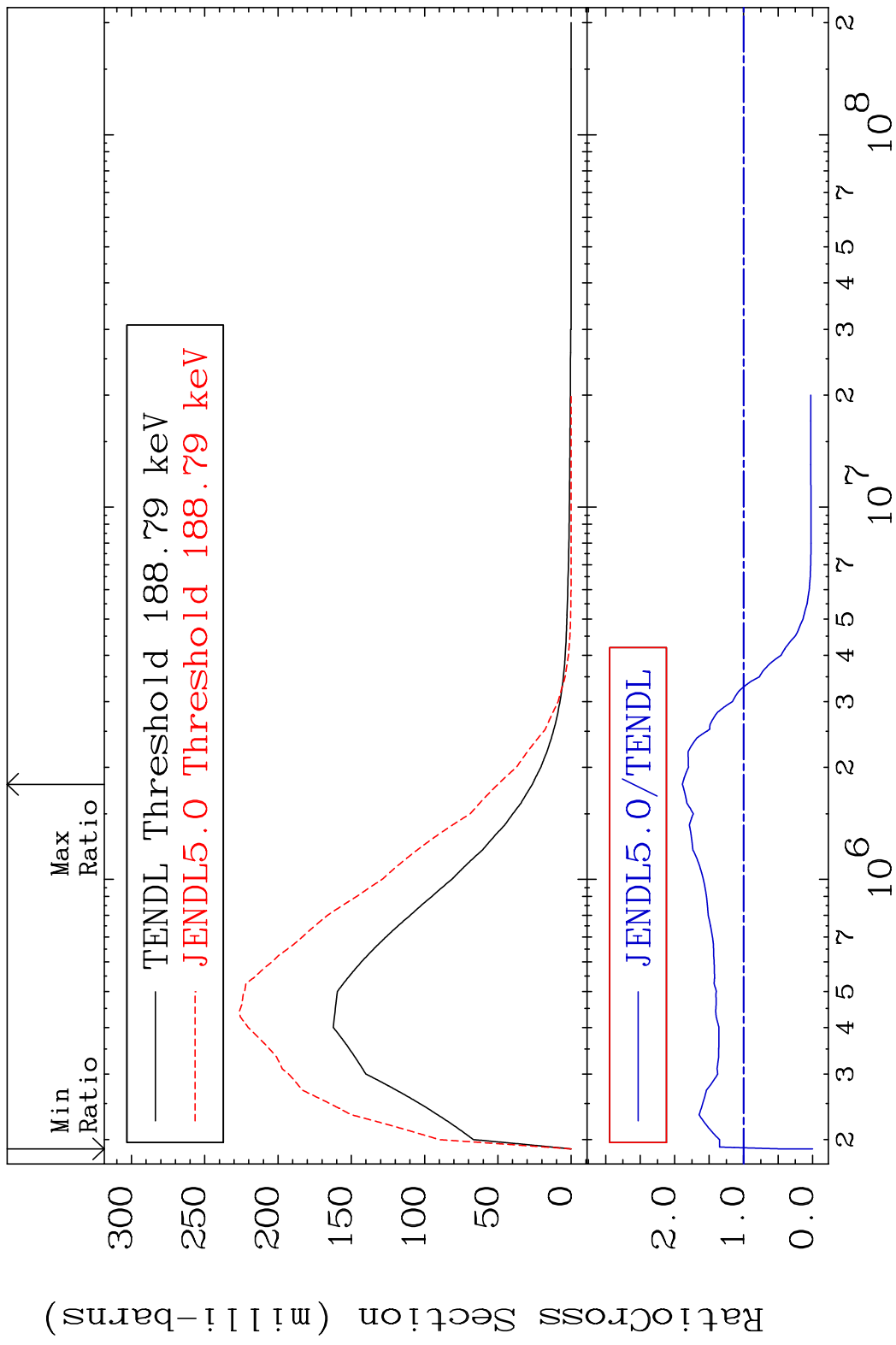
MAT 7834 MT= 54 (n,n') Level 78-Pt-193
 Cross Section 0.000 To 9999. %



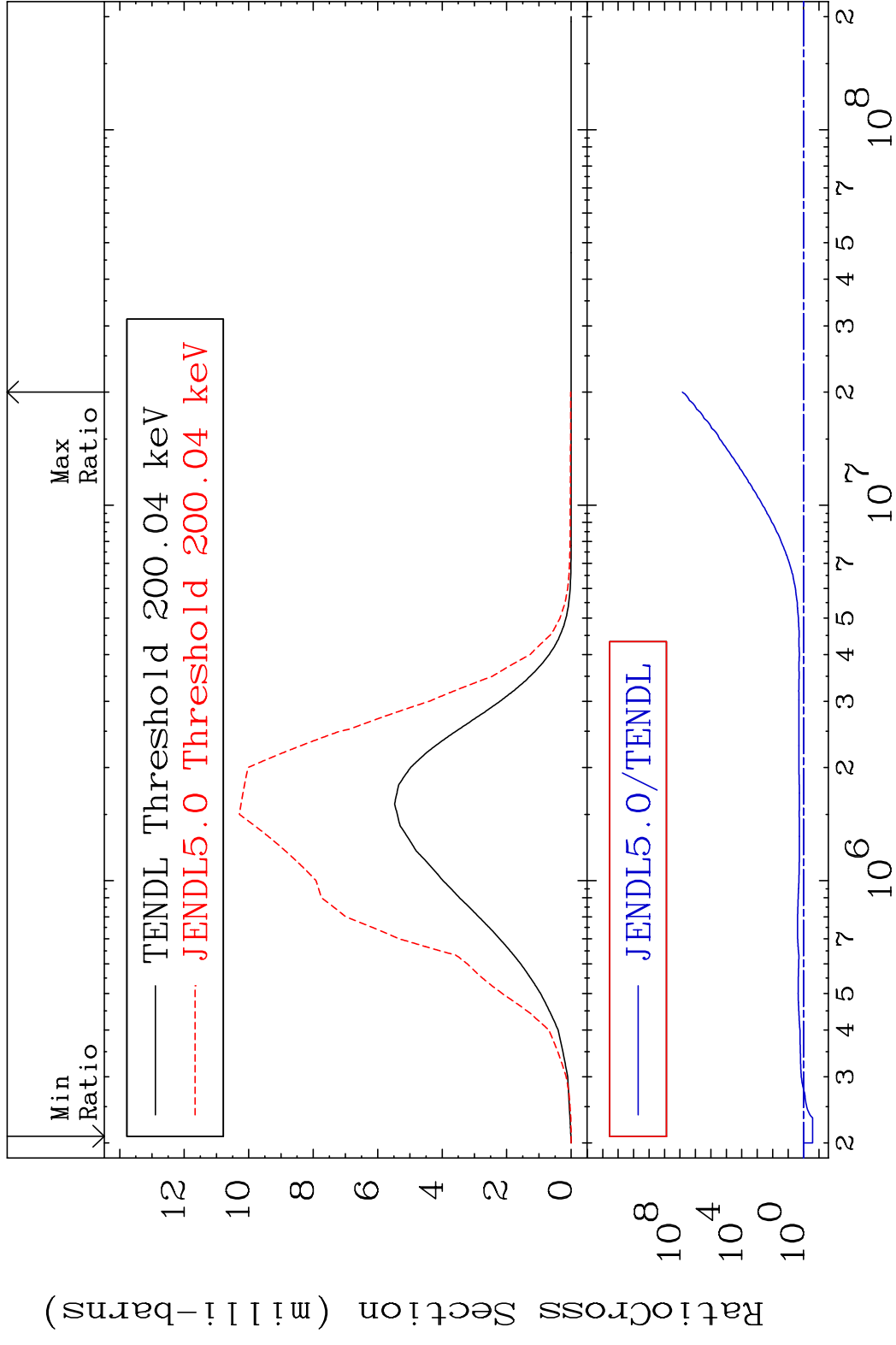
MAT 7834 MT= 55 (n,n') Level 78-Pt-193
 Cross Section -1.963 To 9999. %



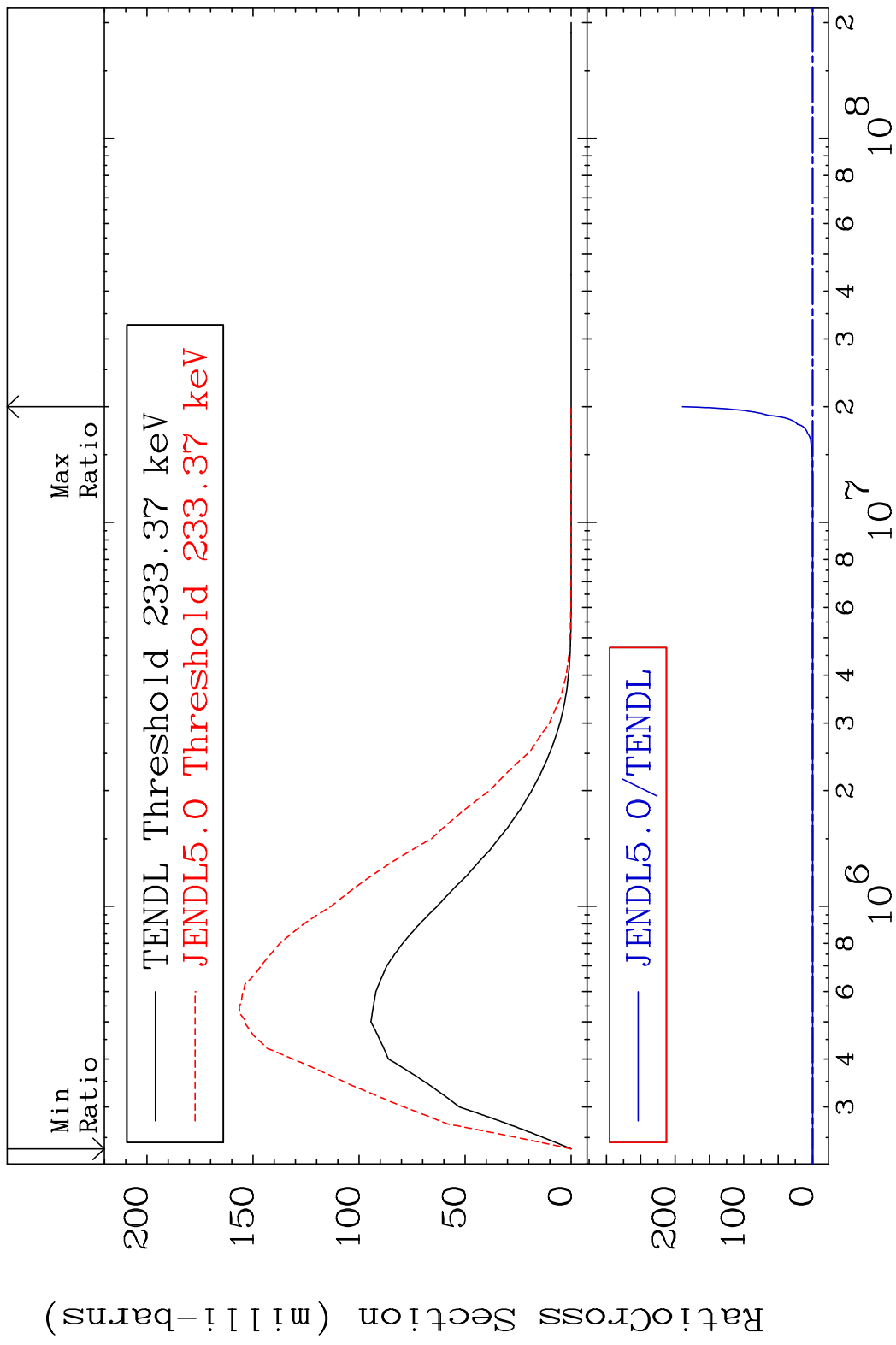
MAT 7834 MT= 56 (n,n') Level 78-Pt-193
 Cross Section -100.0 To 88.87 %



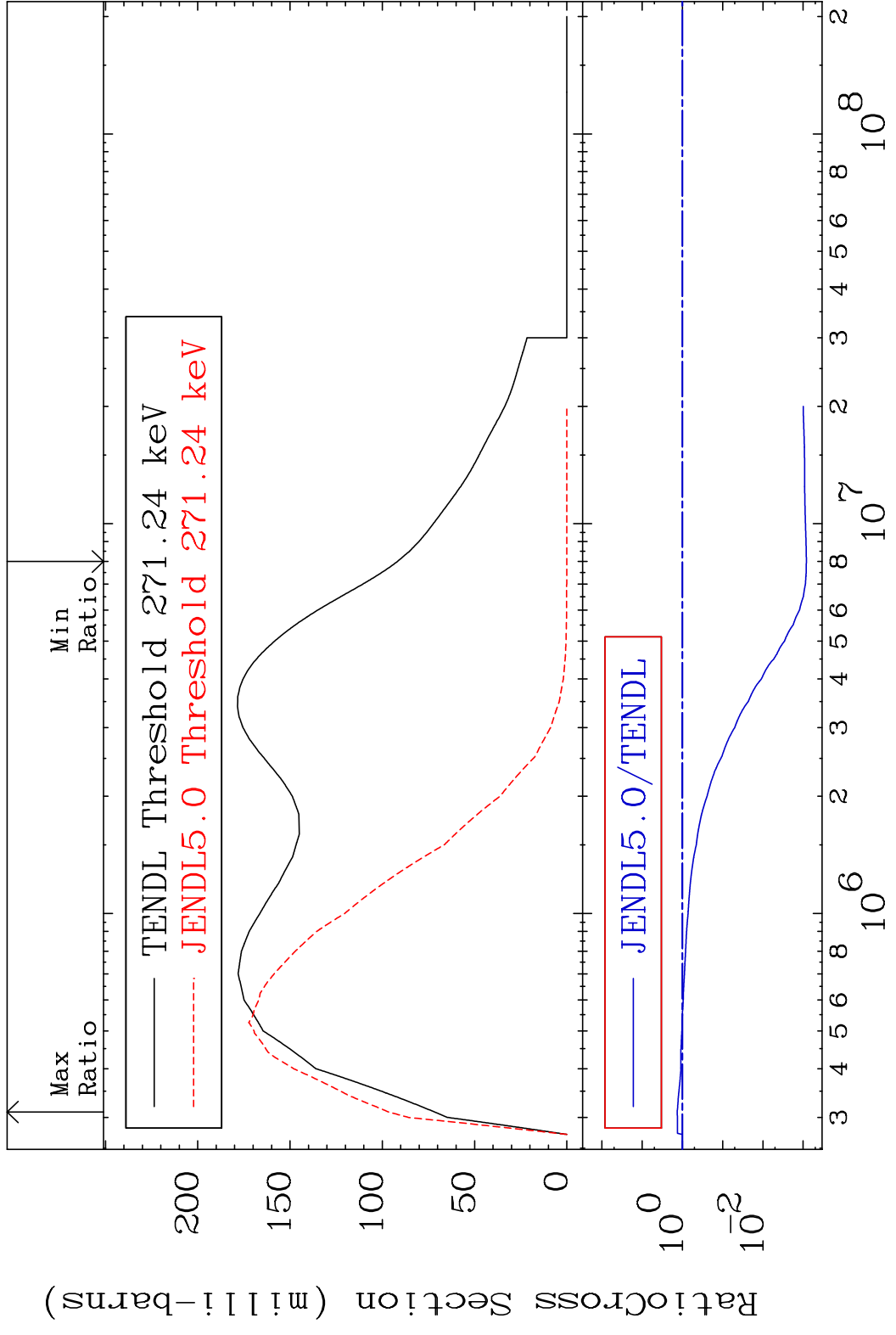
MAT 7834 MT= 57 (n,n') Level 78-Pt-193
 Cross Section -73.86 To 9999. %



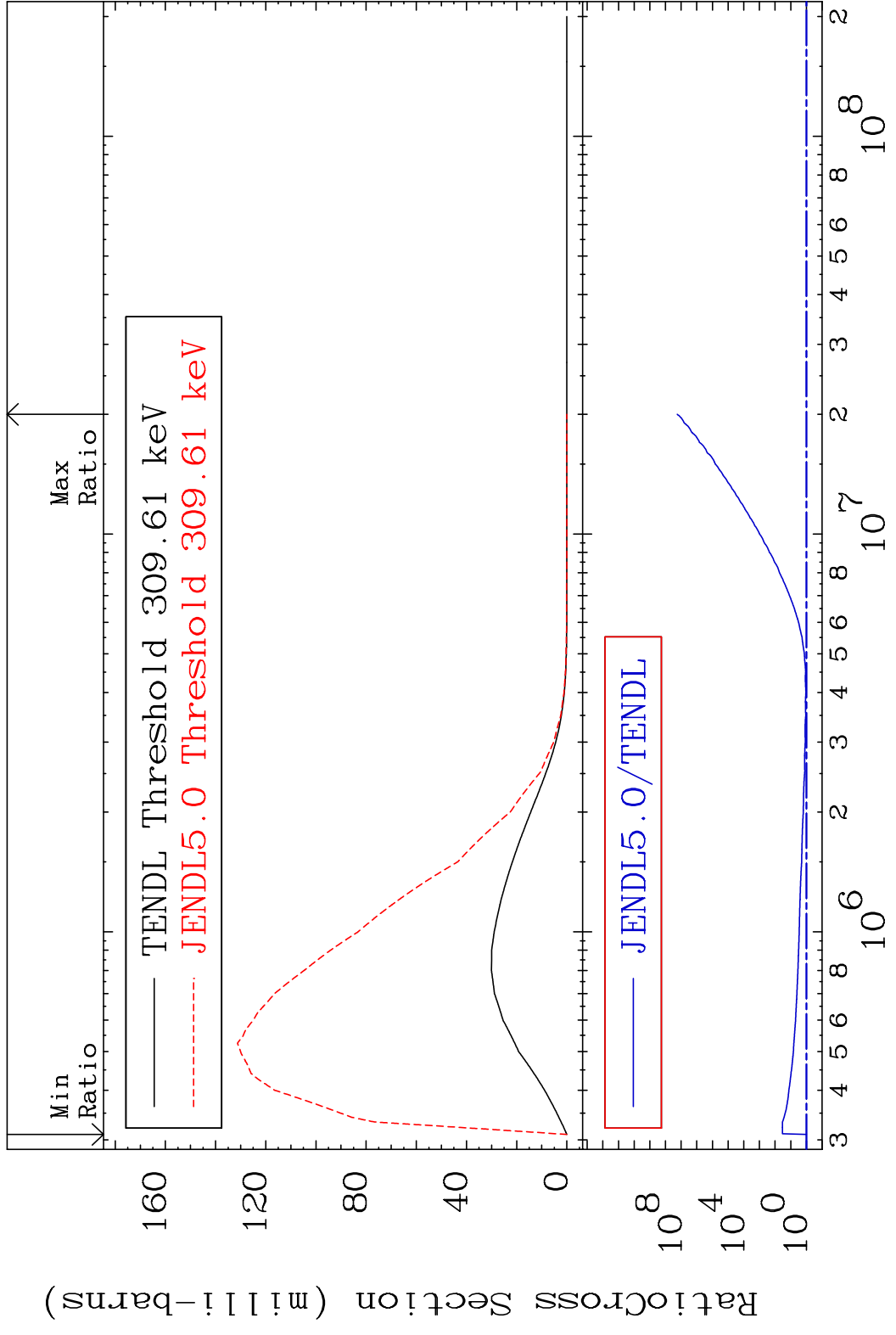
MAT 7834 MT= 58 (n,n') Level 78-Pt-193
 Cross Section -100.0 To 9999. %



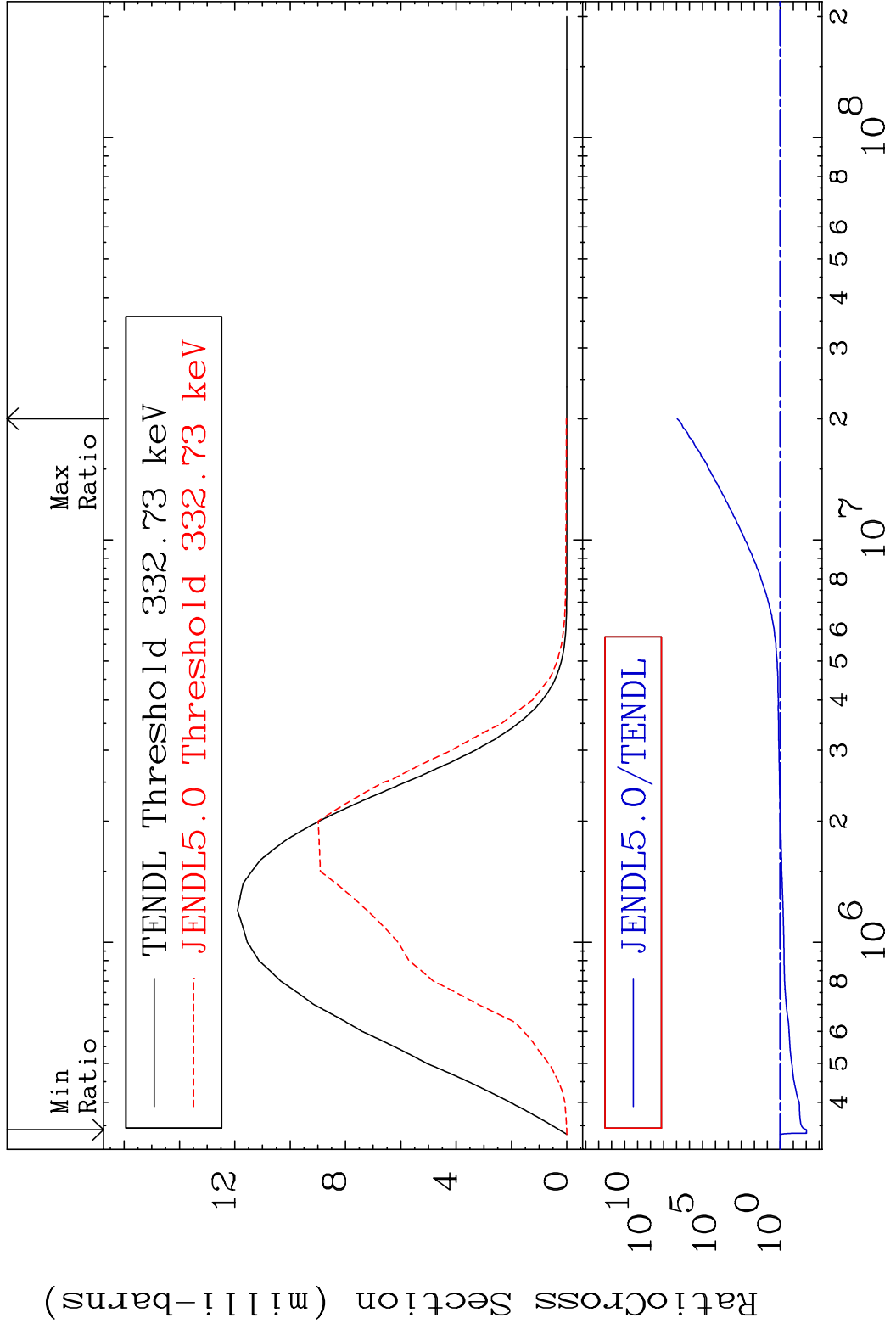
MAT 7834 MT= 59 (n, n') Level 78-Pt-193
 Cross Section -99.92 To 34.80 %



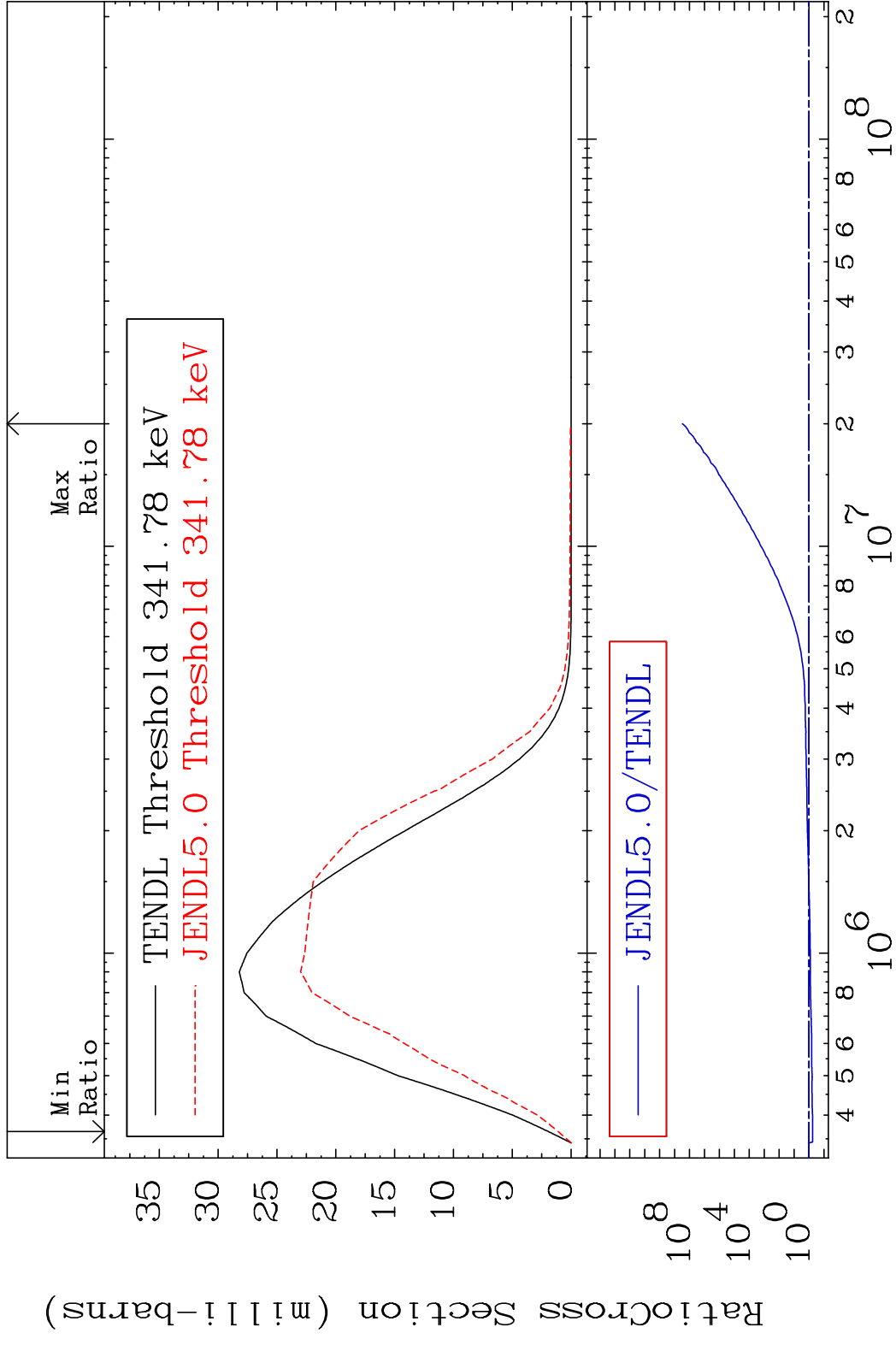
MAT 7834 MT= 60 (n,n') Level 78-Pt-193
 Cross Section 0.000 To 9999. %



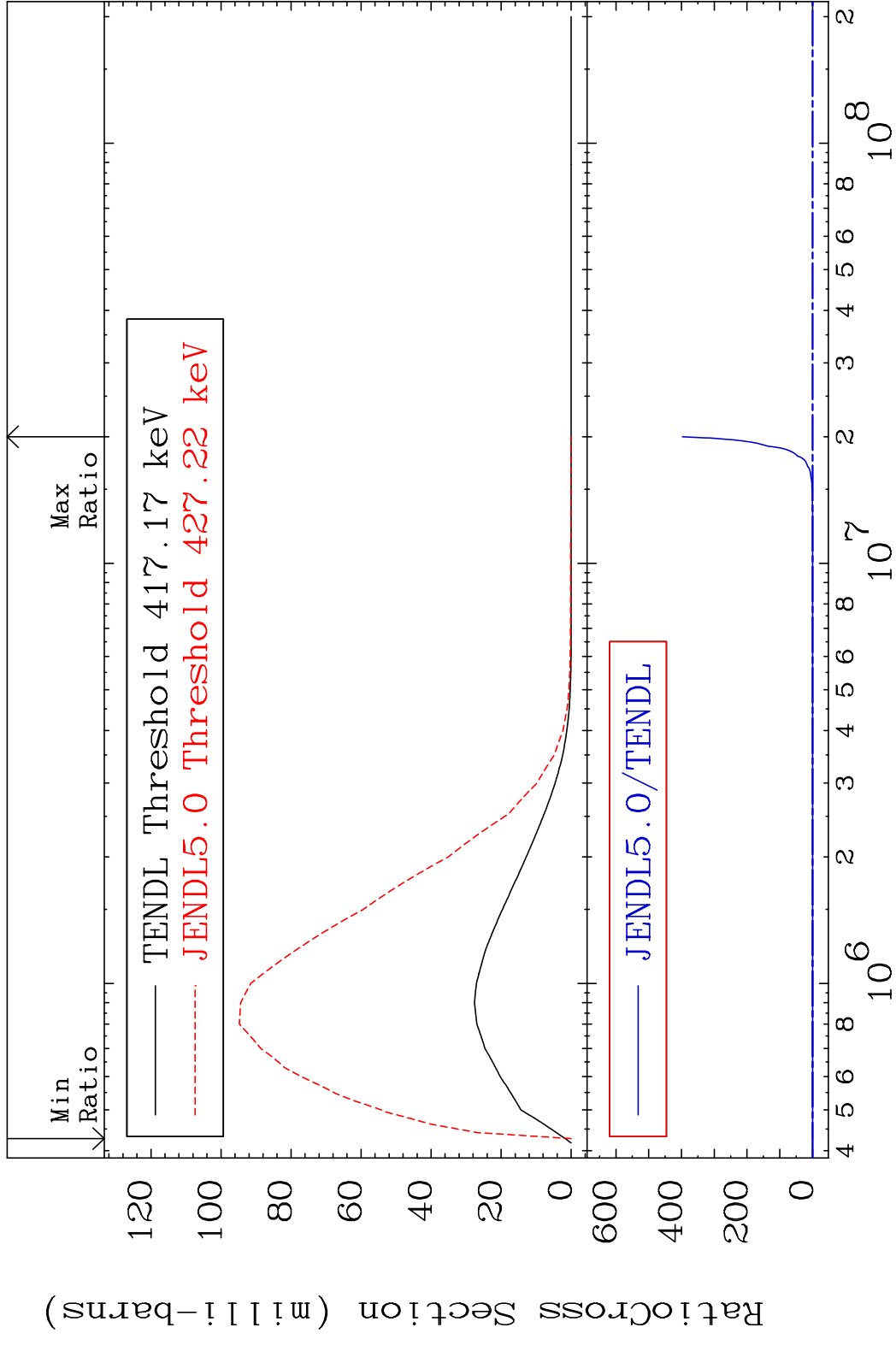
MAT 7834 MT= 61 (n,n') Level 78-Pt-193
 Cross Section -99.03 To 9999. %



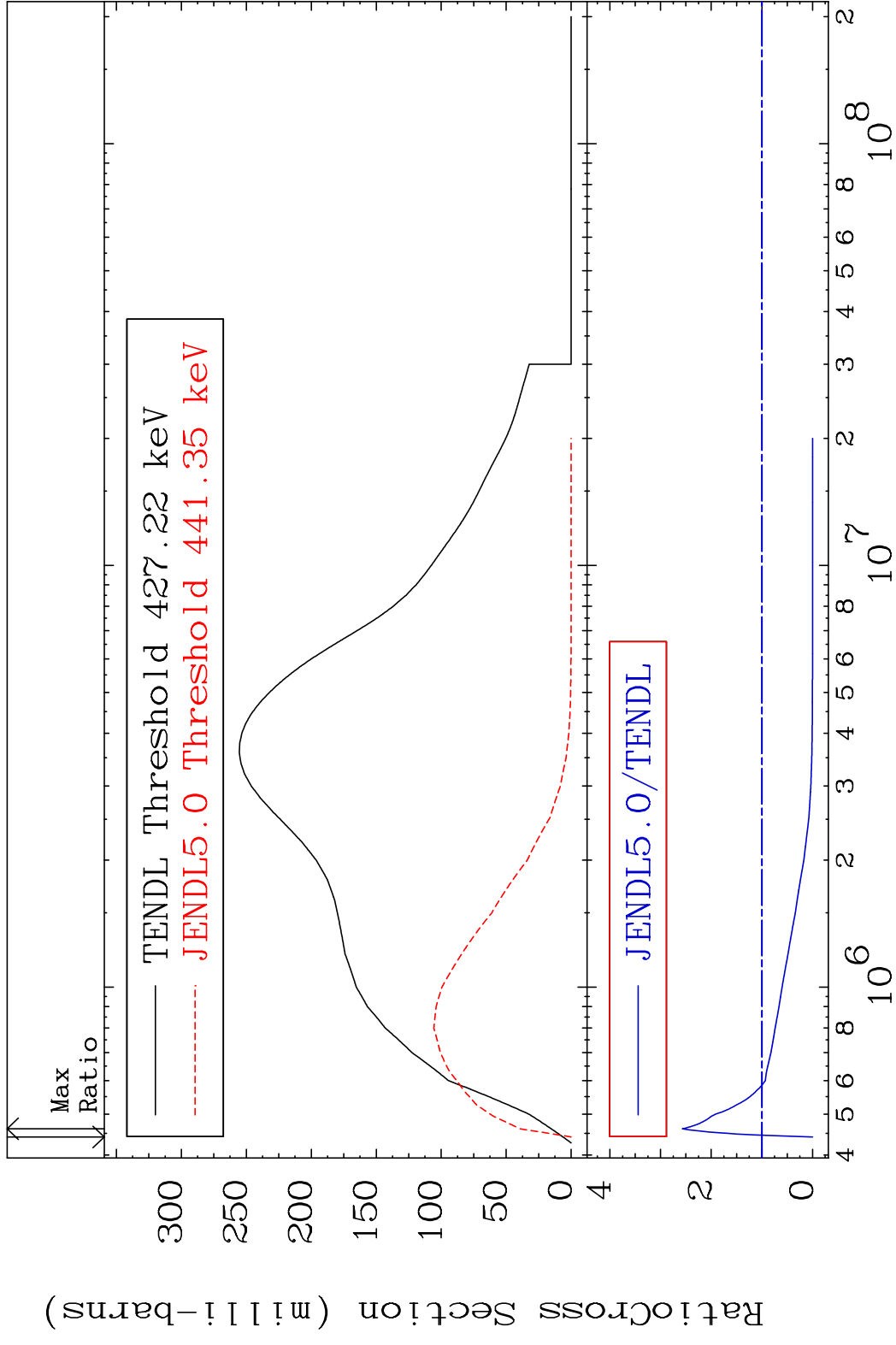
MAT 7834 MT= 62 (n, n') Level 78-Pt-193
 Cross Section -42.31 To 9999. %



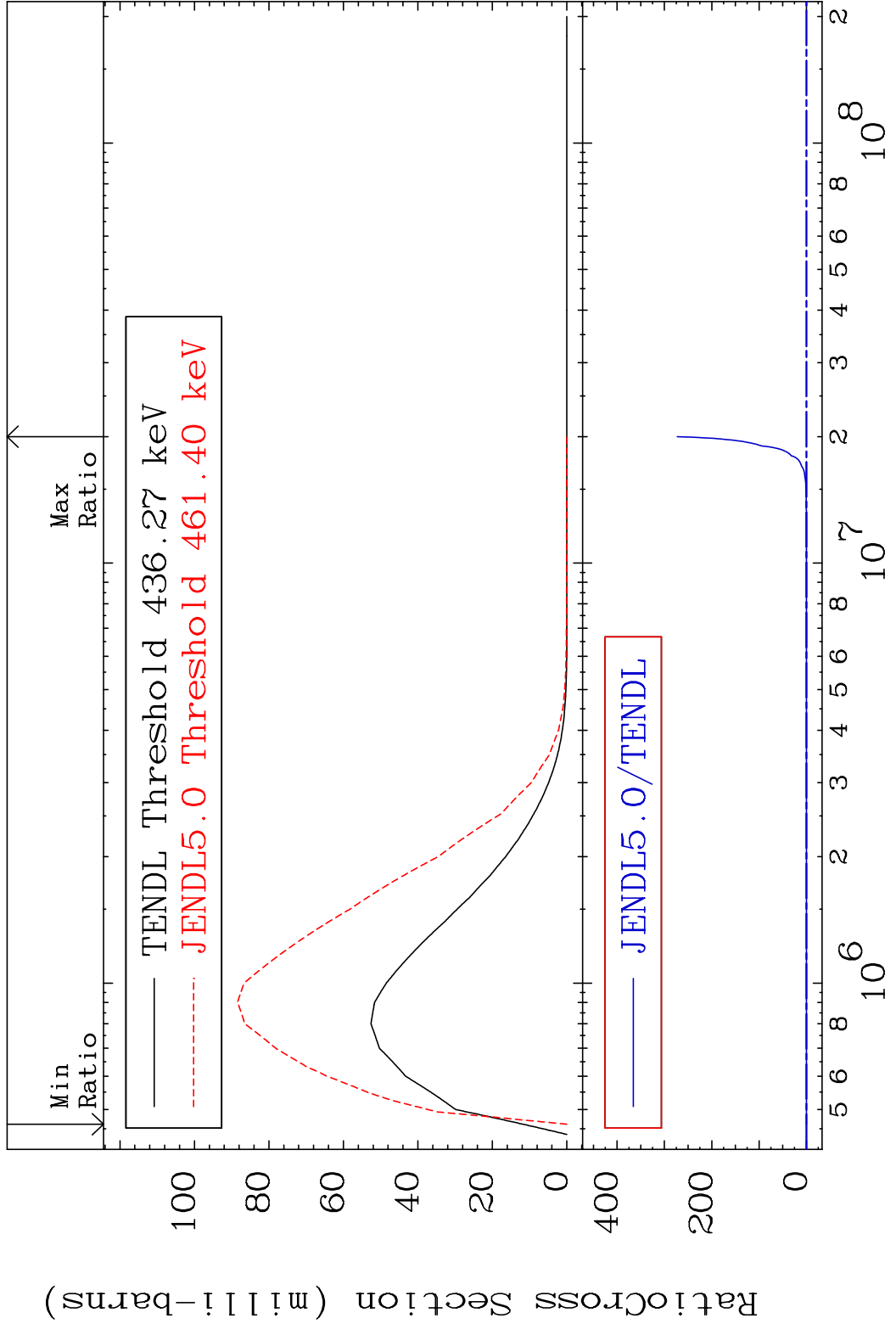
MAT 7834 MT= 63 (n, n') Level 78-Pt-193
 Cross Section -100.0 To 9999. %



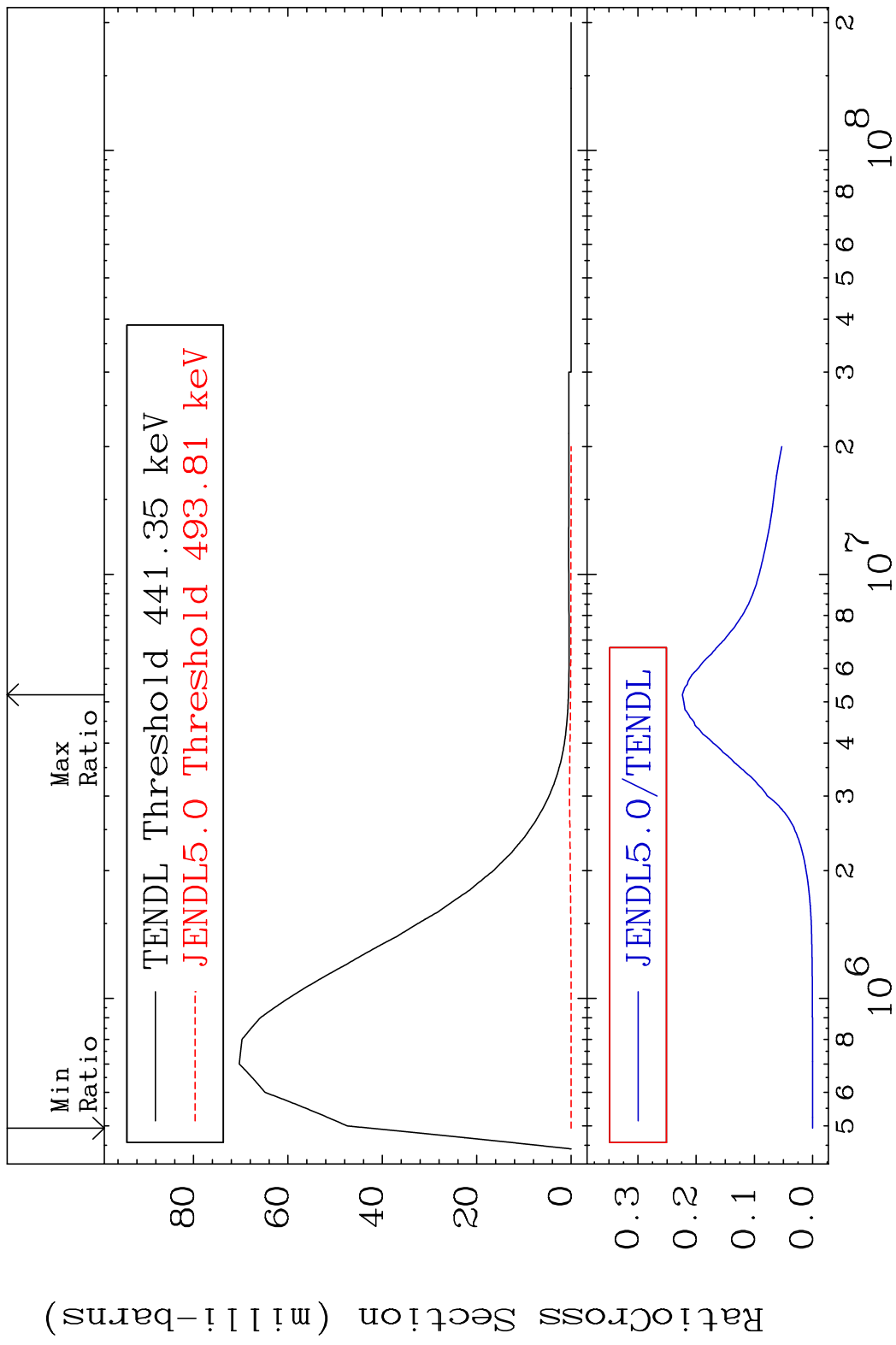
MAT 7834 MT= 64 (n, n') Level 78-Pt-193
 Cross Section -100.0 To 157.0 %



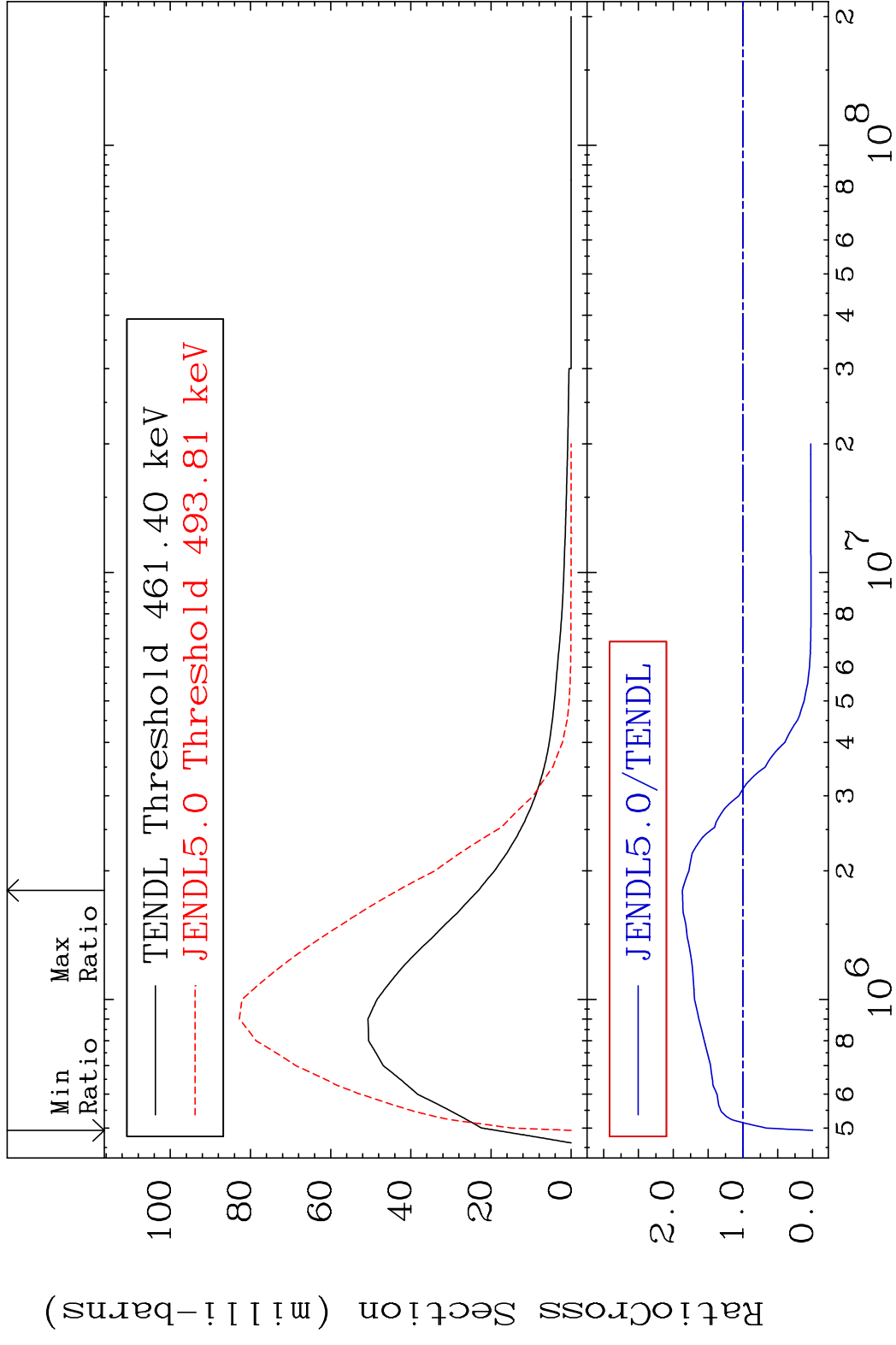
MAT 7834 MT= 65 (n, n') Level 78-Pt-193
 Cross Section -100.0 To 9999. %



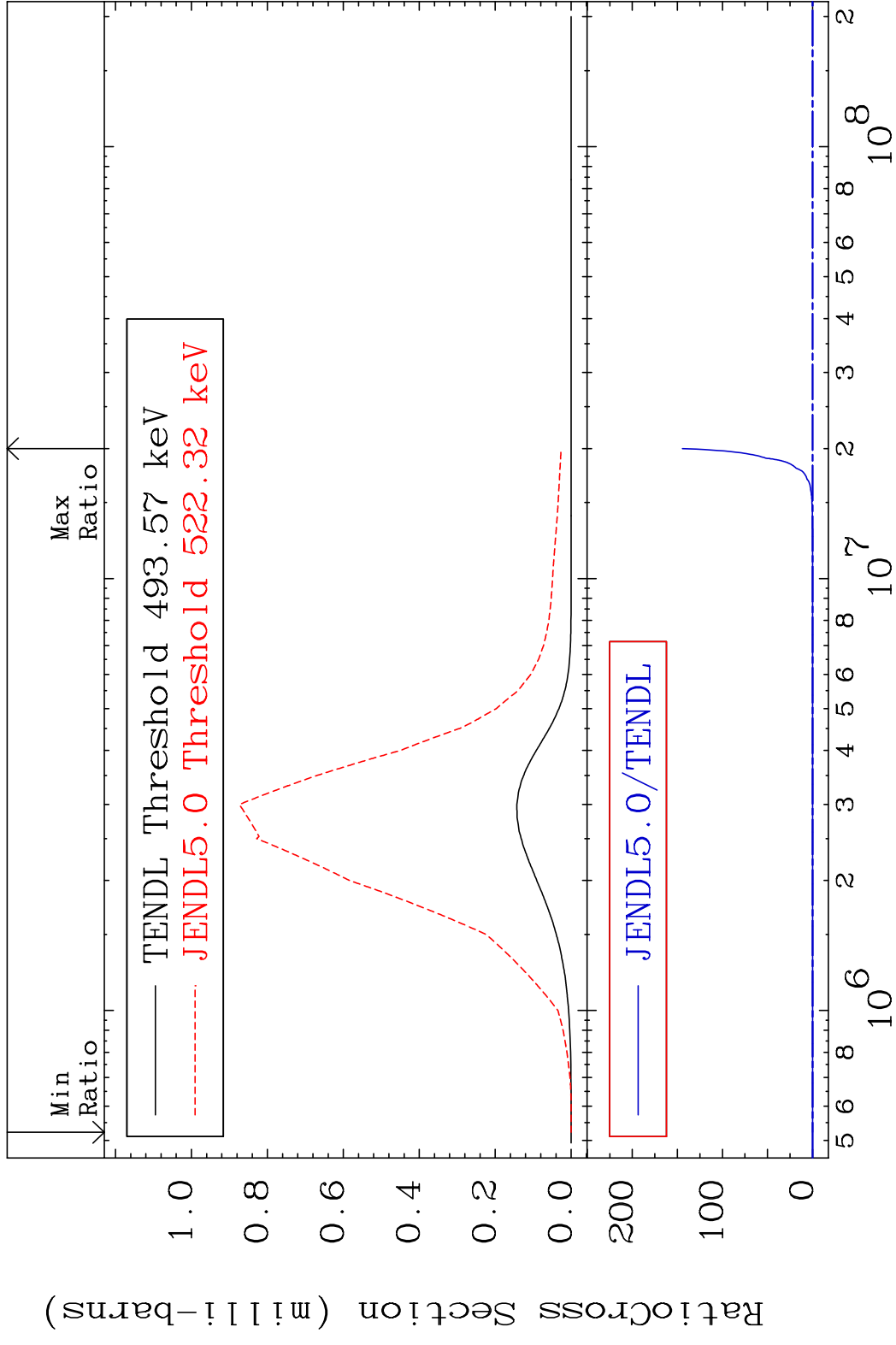
MAT 7834 MT= 66 (n, n') Level 78-Pt-193
 Cross Section -100.0 To -77.62%



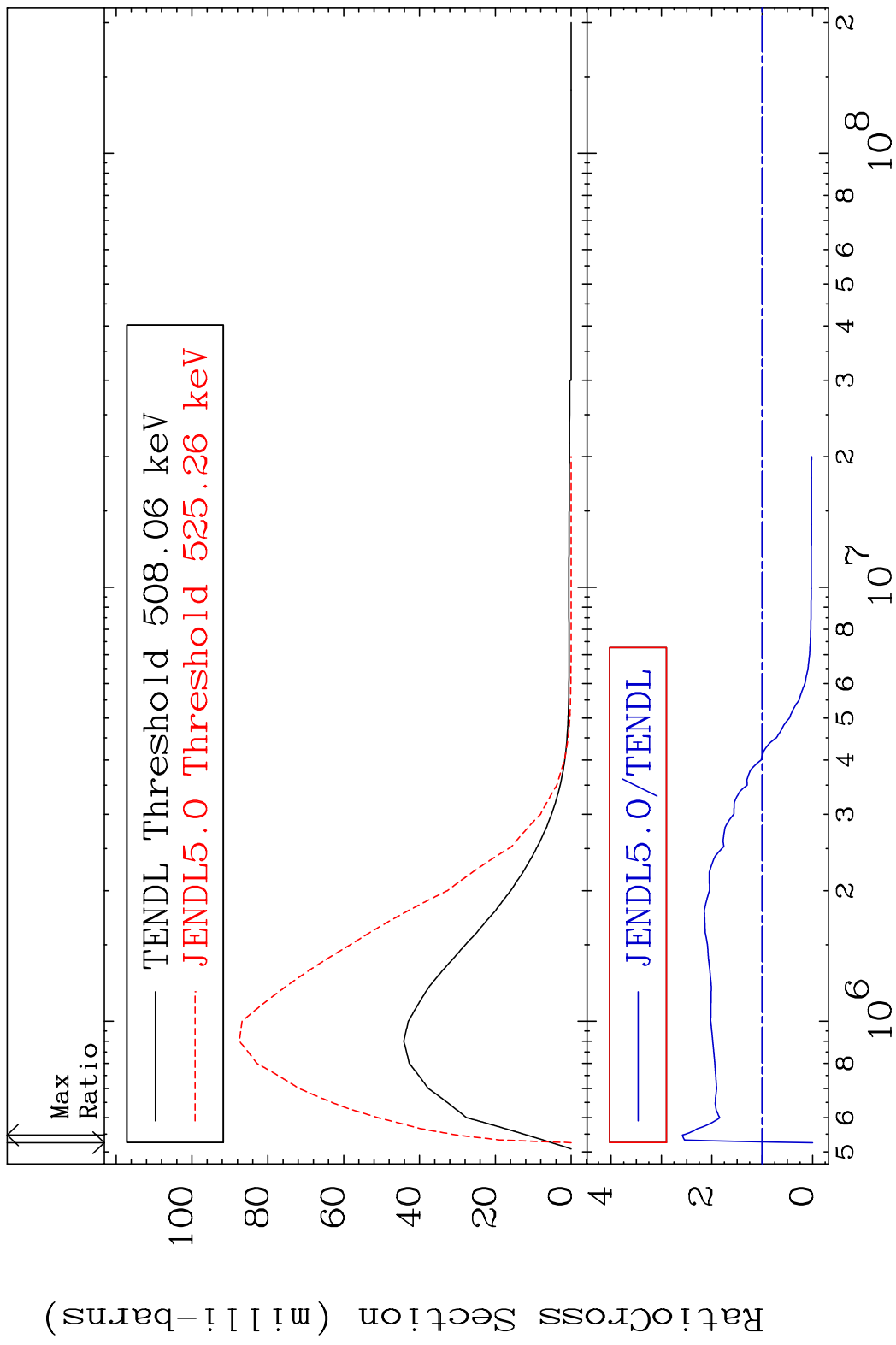
MAT 7834 MT= 67 (n, n') Level 78-Pt-193
 Cross Section -100.0 To 86.99 %



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 158.5 %

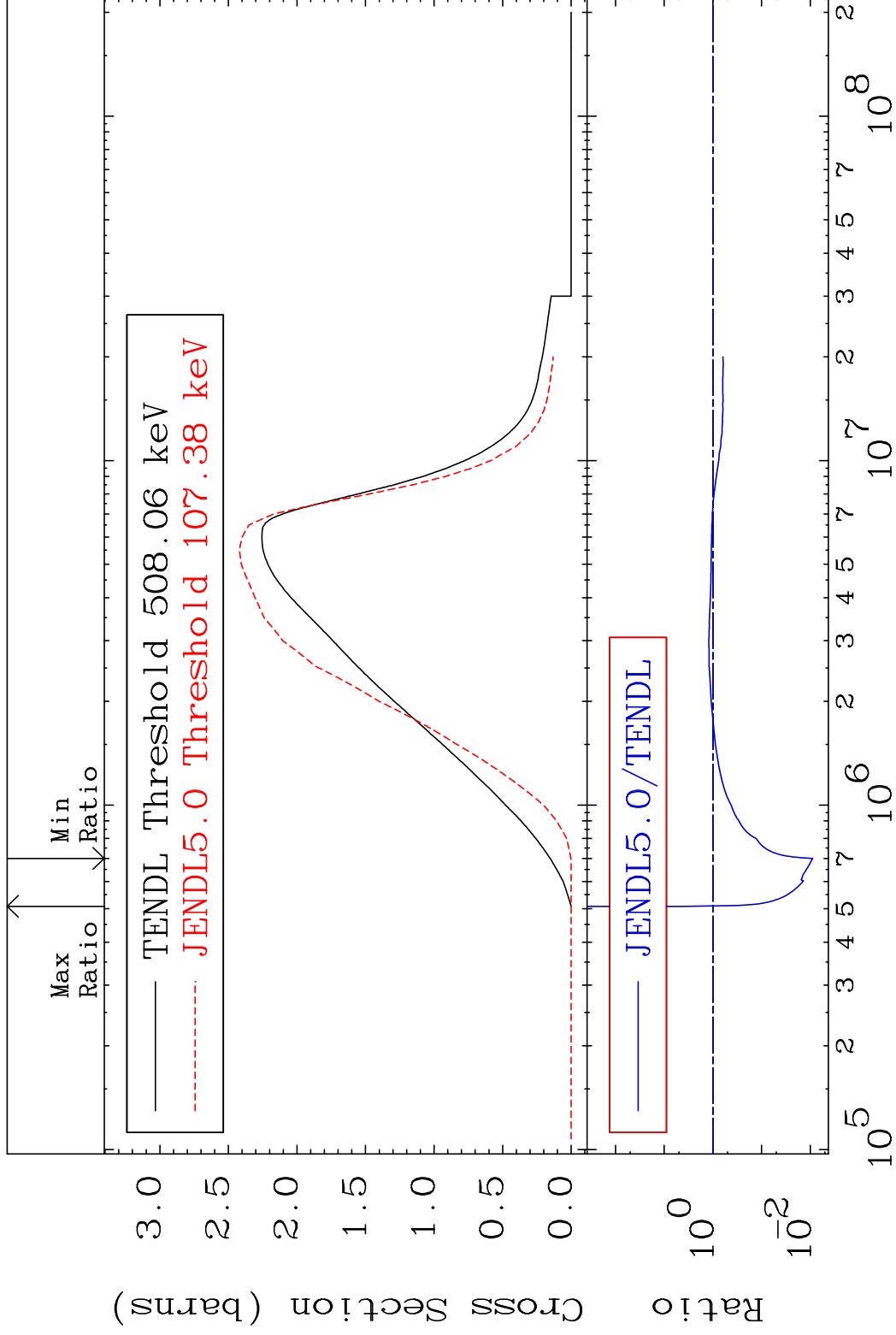


MAT 7834

(n, n') Continuum

78-Pt-193

Cross Section -99.10 To 323.9 %



29

Incident Energy (eV)

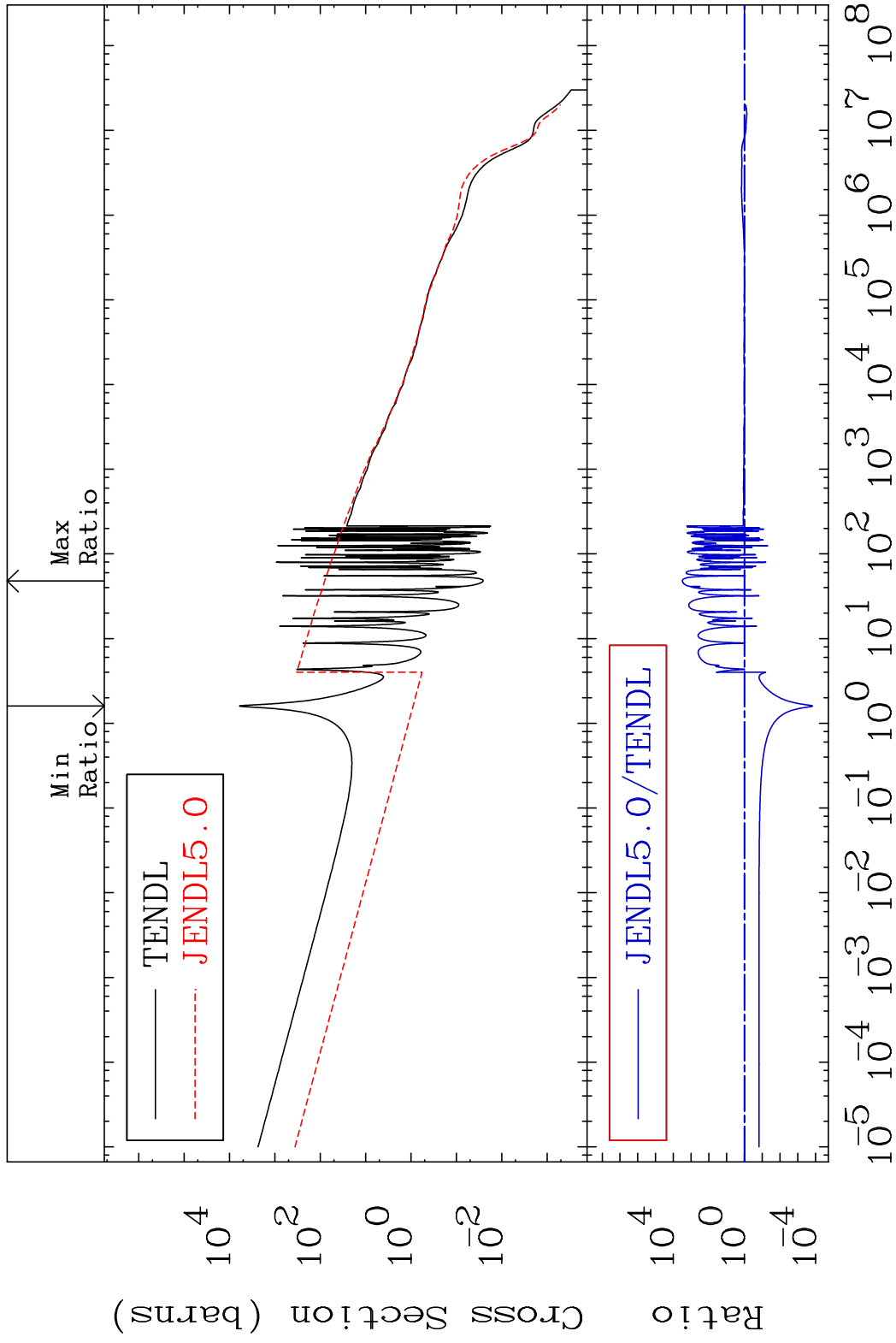
78-Pt-193

MAT 7834

(n, γ)

78-Pt-193

Cross Section -99.99 To 9999. %



30

Incident Energy (eV)

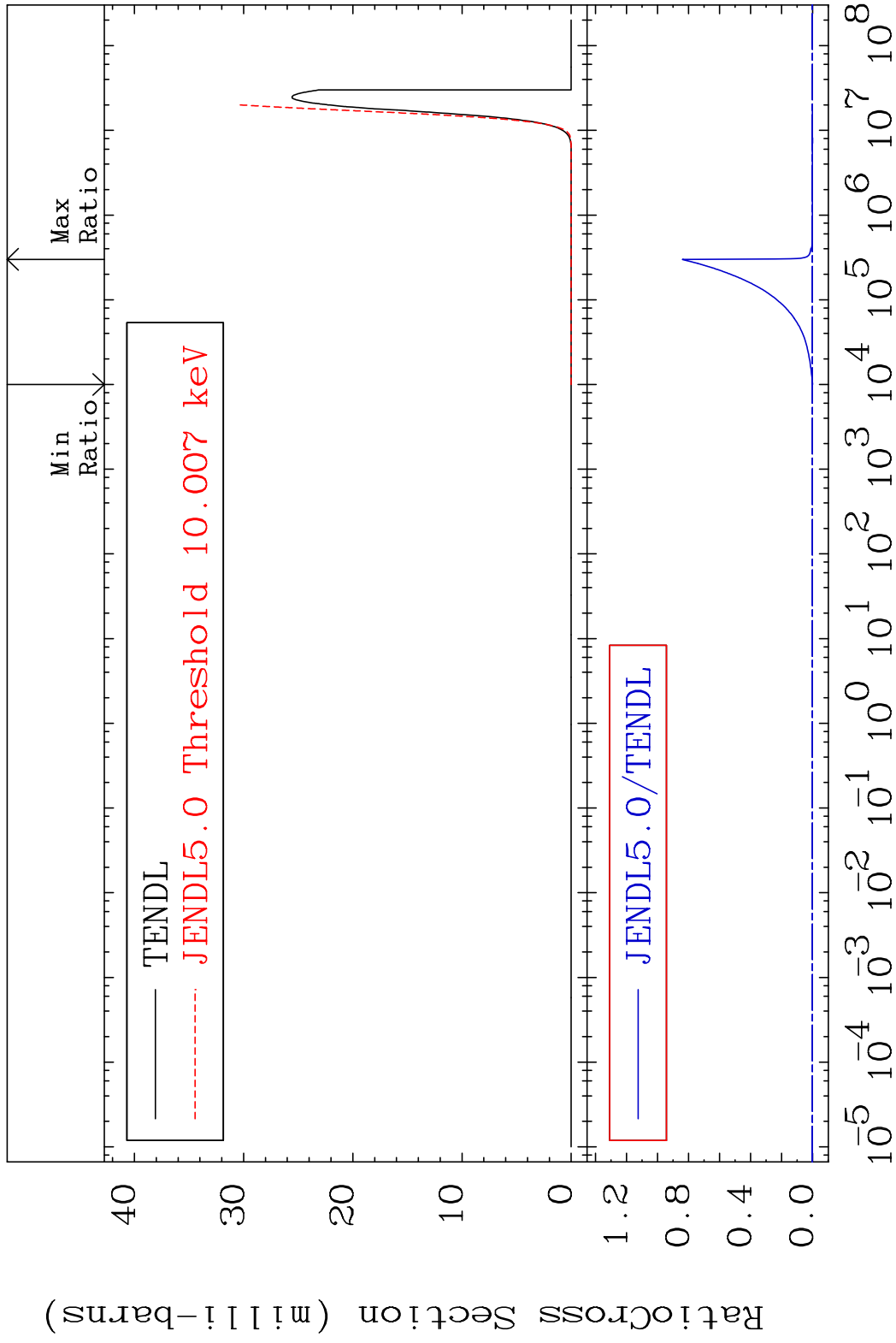
78-Pt-193

MAT 7834

(n, p)

78-Pt-193

Cross Section -100.0 To 9999. %



31

Incident Energy (eV)

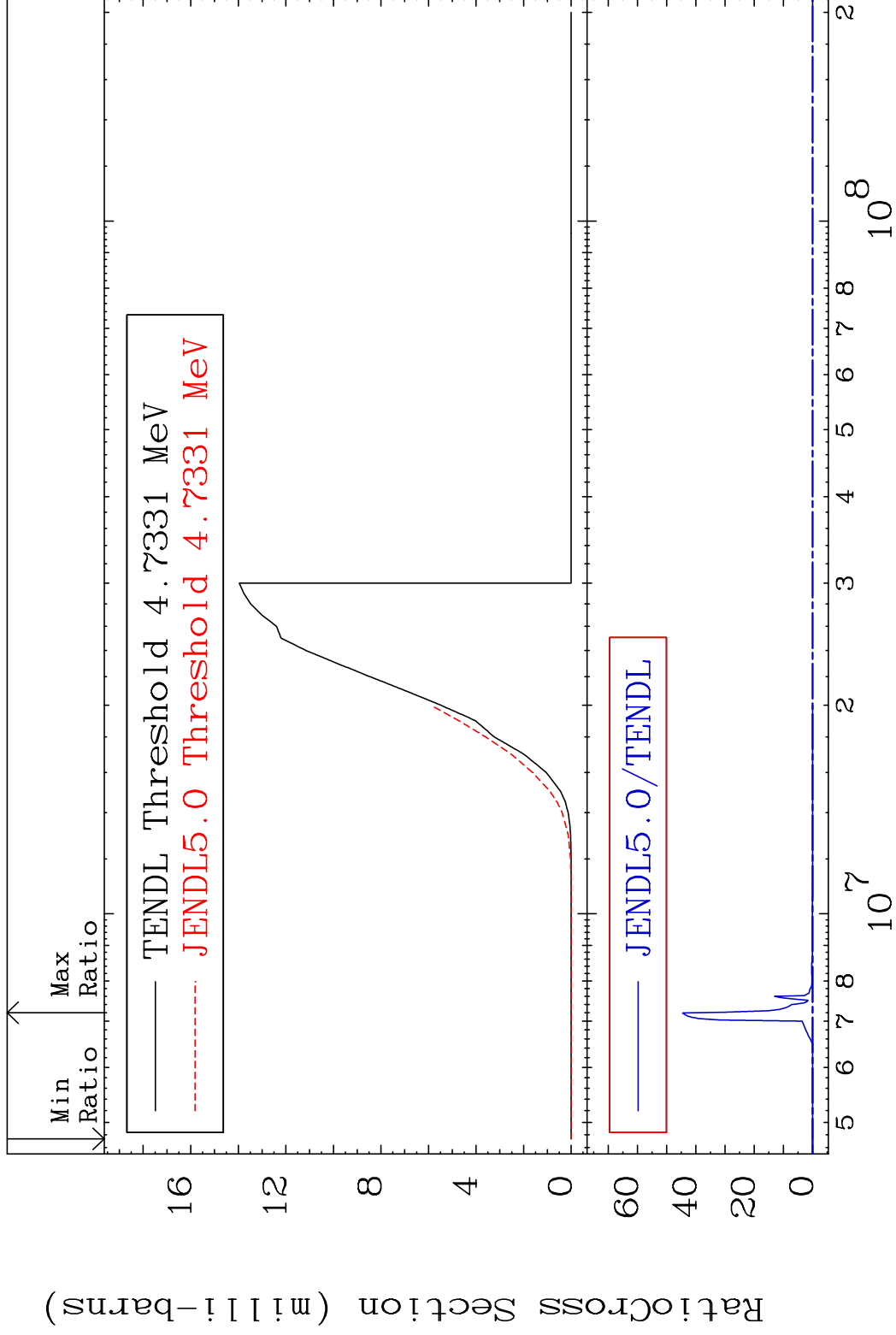
78-Pt-193

MAT 7834

(n,d)

78-Pt-193

Cross Section -100.0 To 9999. %



32

Incident Energy (eV)

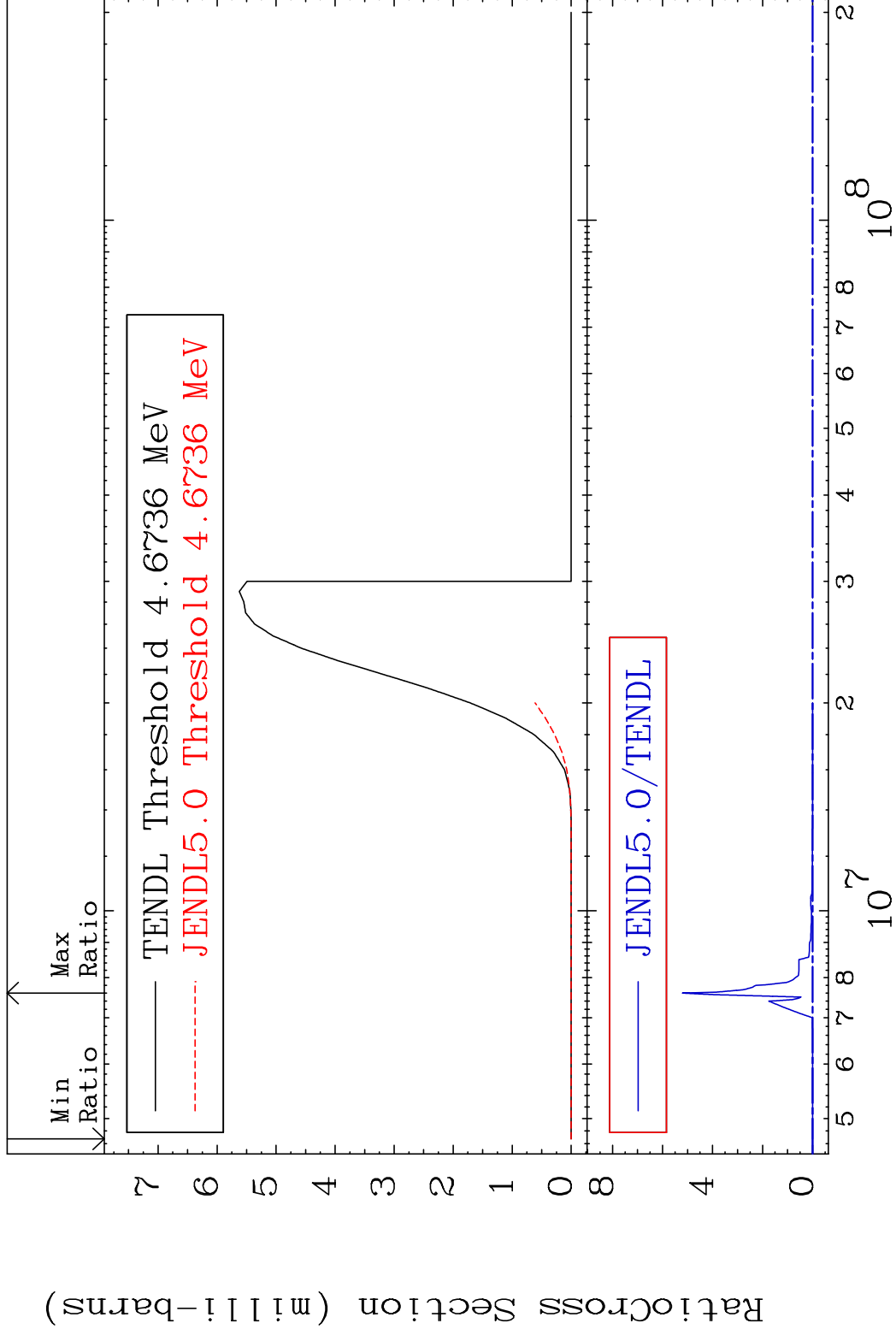
78-Pt-193

MAT 7834

(n, t)

78-Pt-193

Cross Section -100.0 To 9999. %



33

Incident Energy (eV)

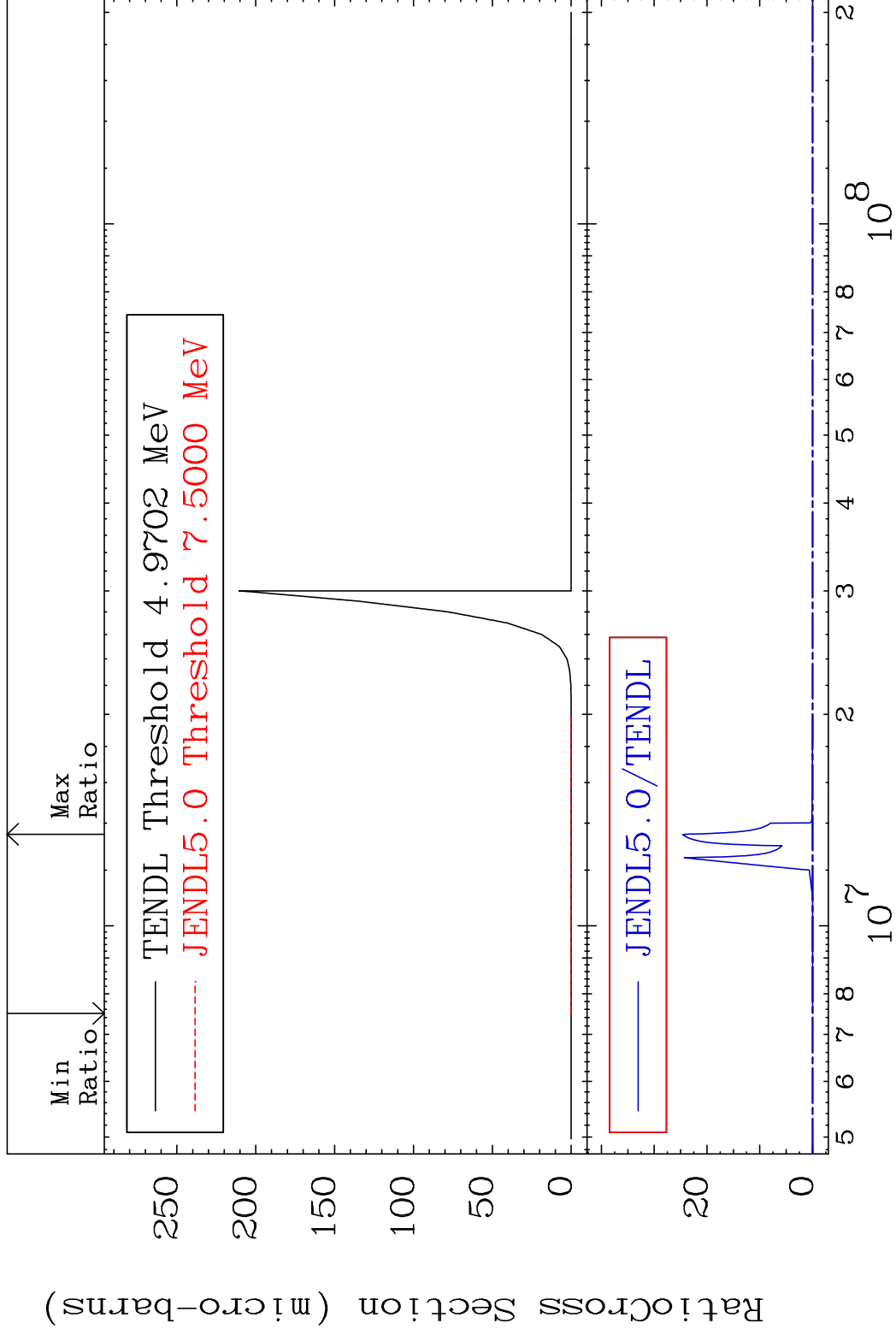
78-Pt-193

MAT 7834

(n, He-3)

78-Pt-193

Cross Section -100.0 To 9999. %



34

Incident Energy (eV)

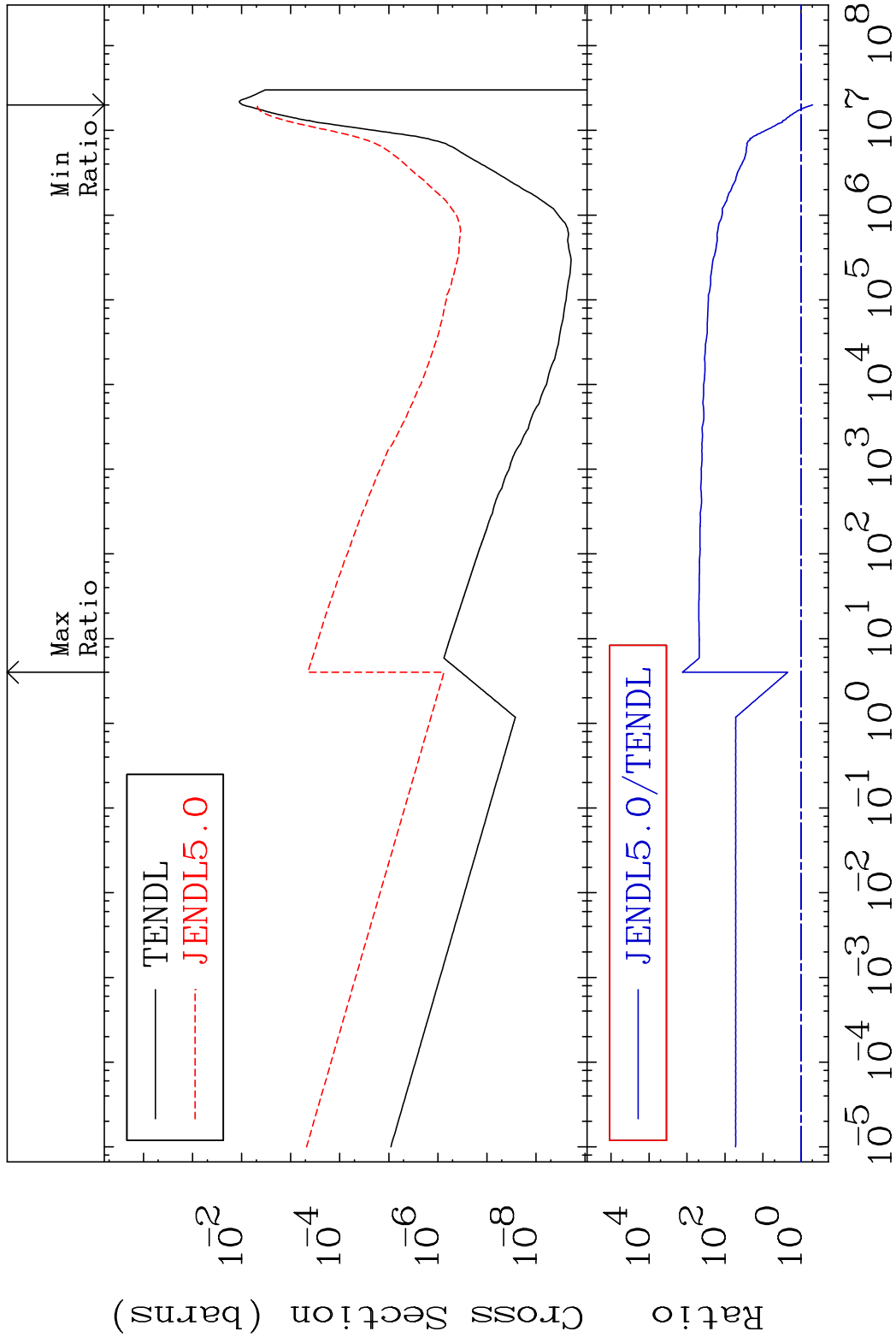
78-Pt-193

MAT 7834

(n, α)

78-Pt-193

Cross Section -50.50 To 9999. %

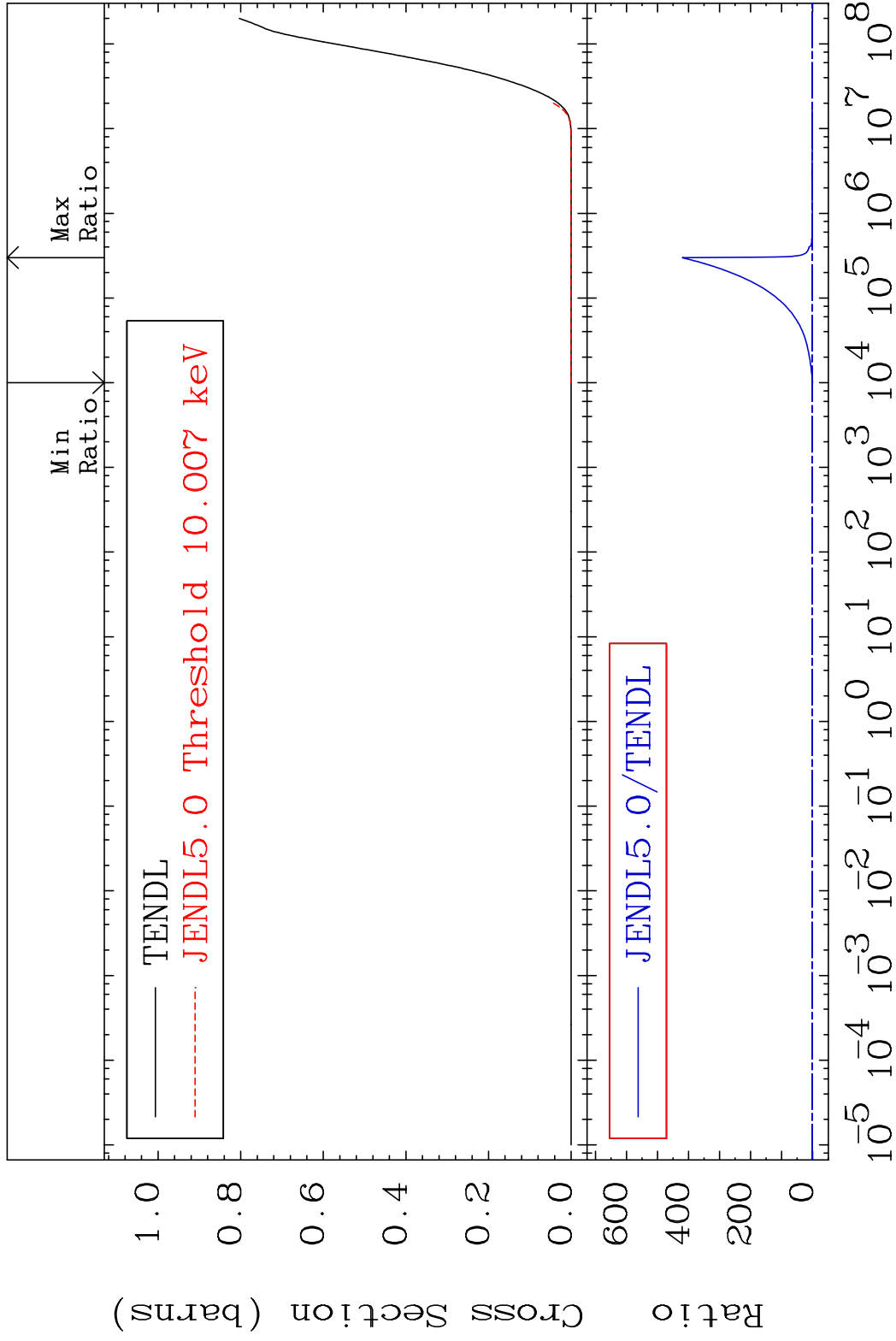


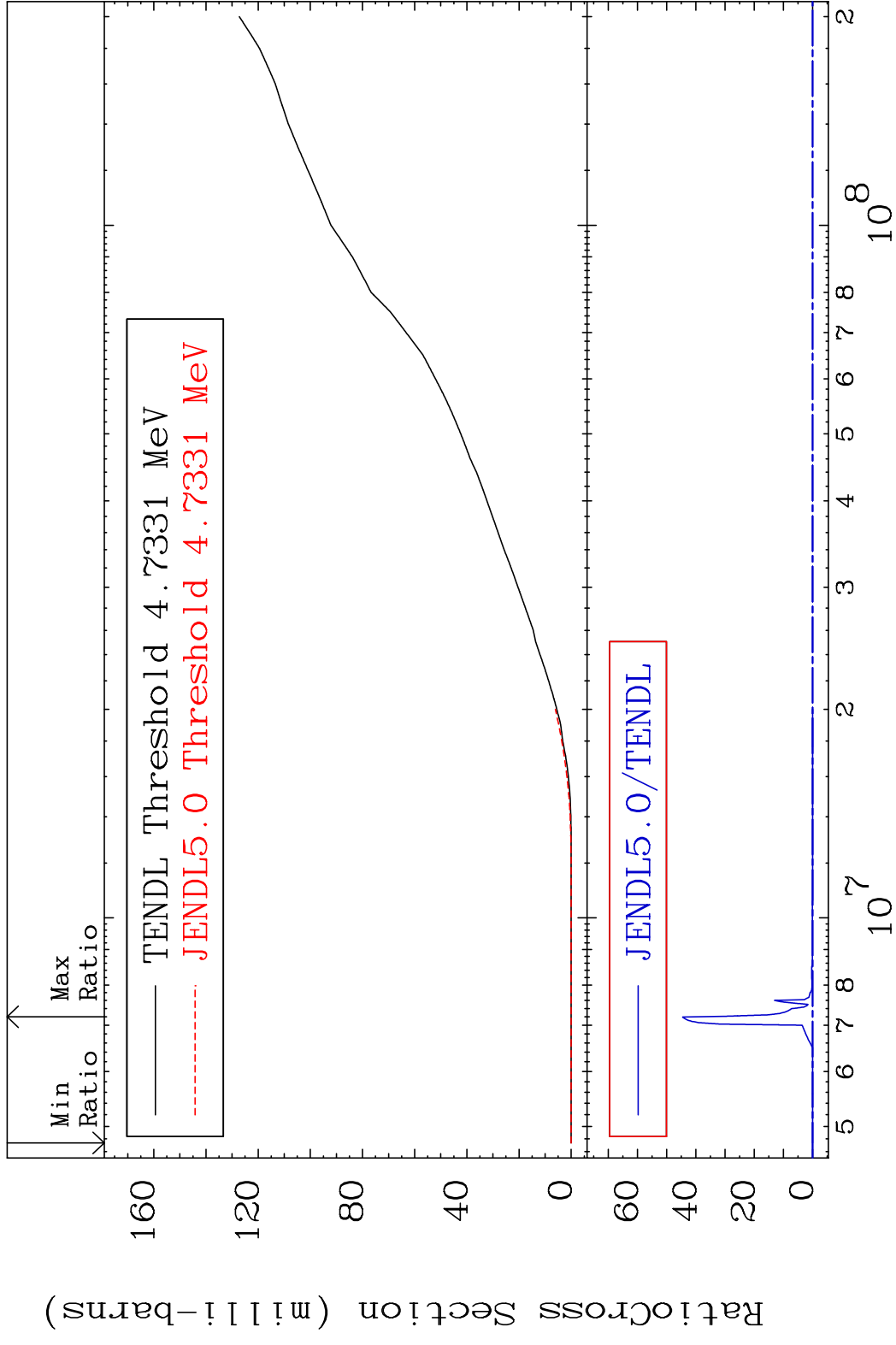
35

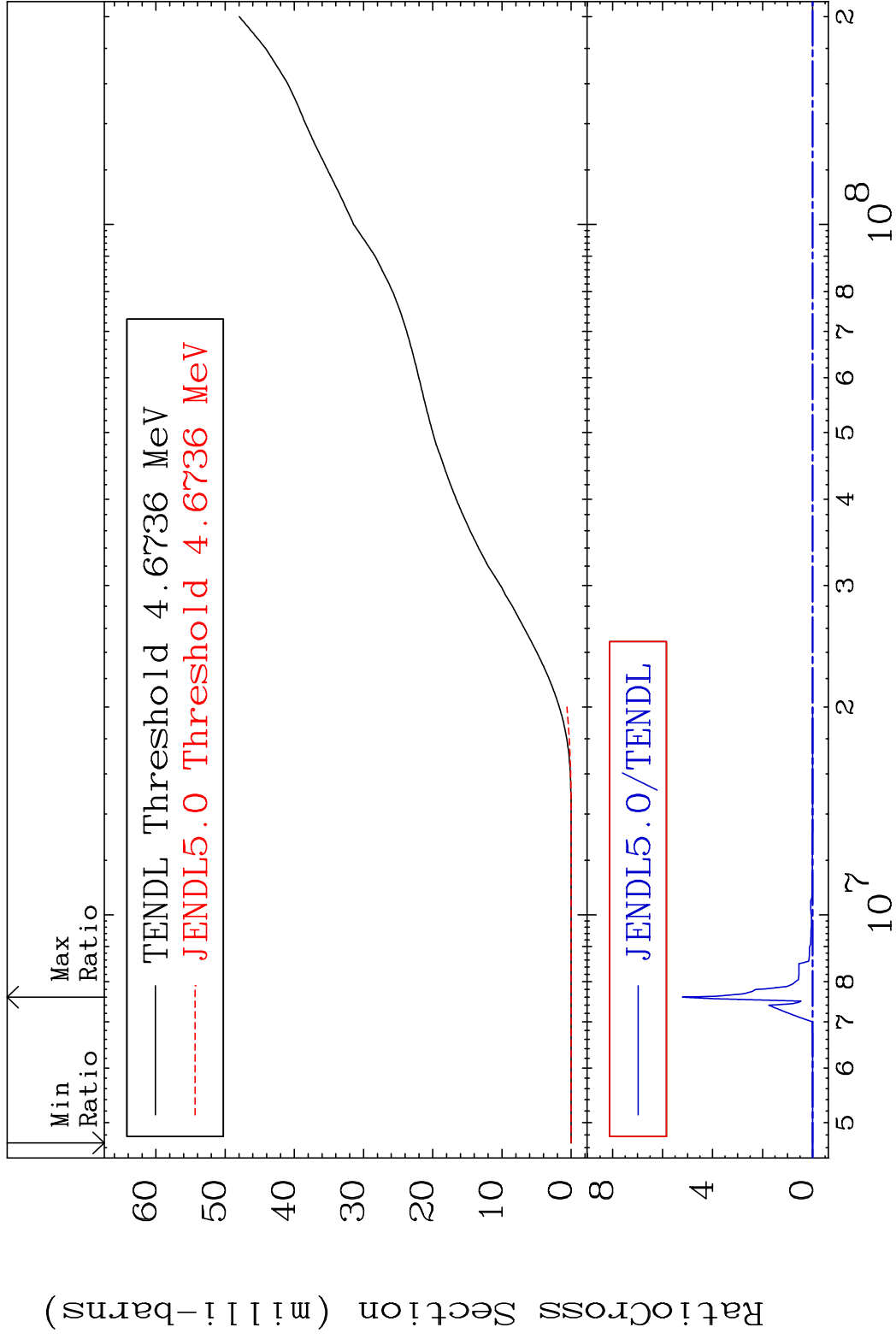
Incident Energy (eV)

78-Pt-193

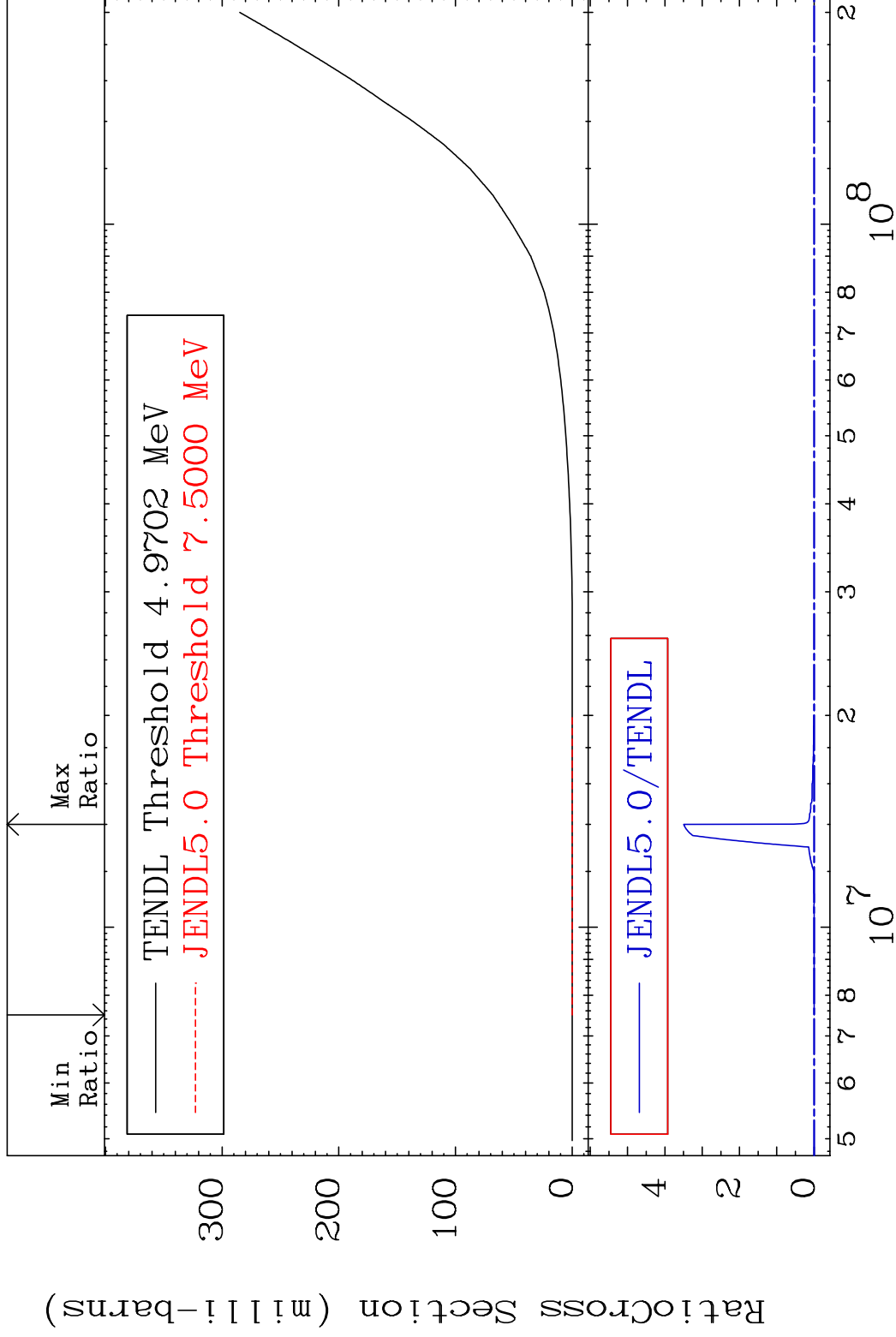
Cross Section -100.0 To 9999. %







Cross Section -100.0 To 9999. %

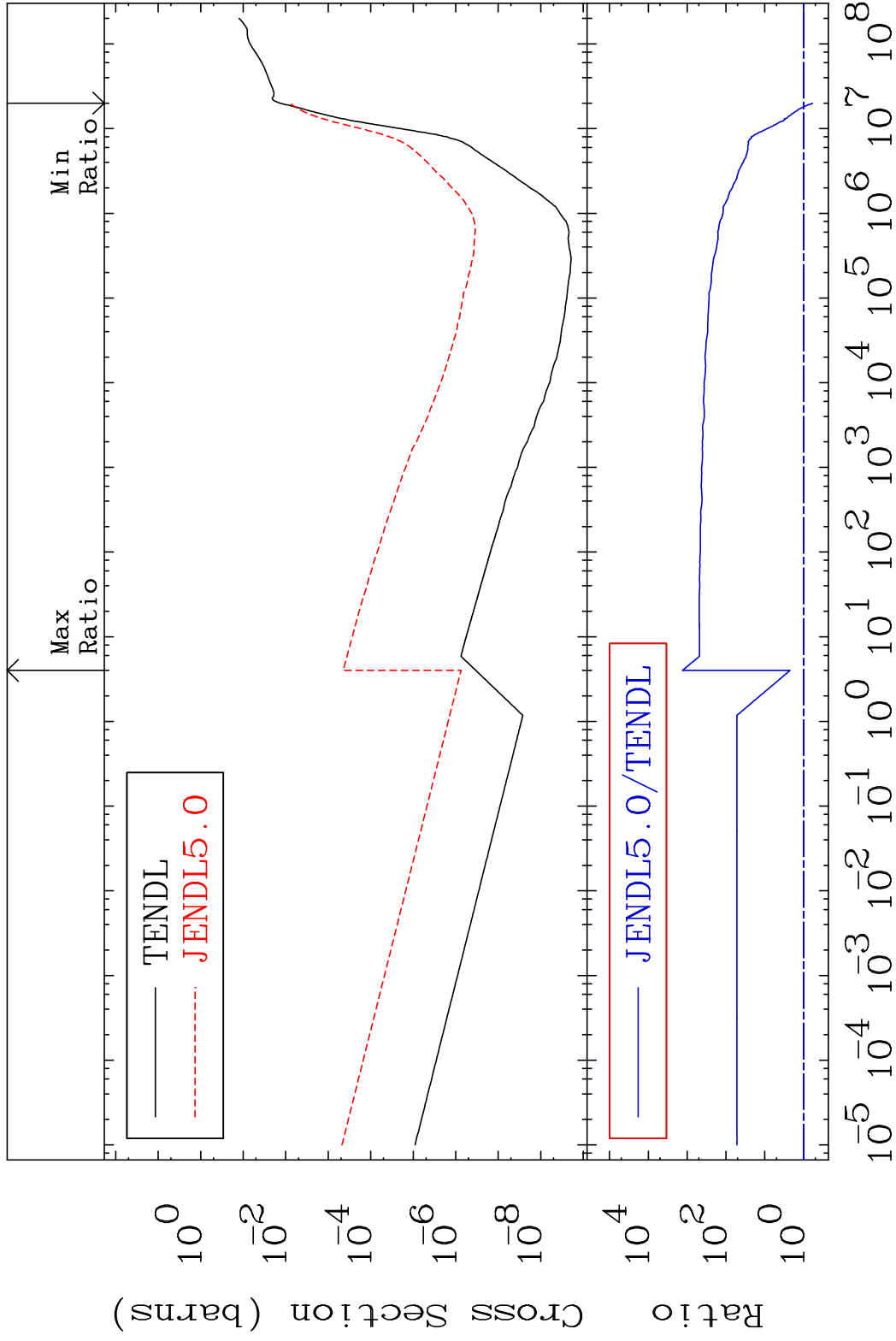


MAT 7834

He-4 Production

78-Pt-193

Cross Section -41.16 To 9999. %

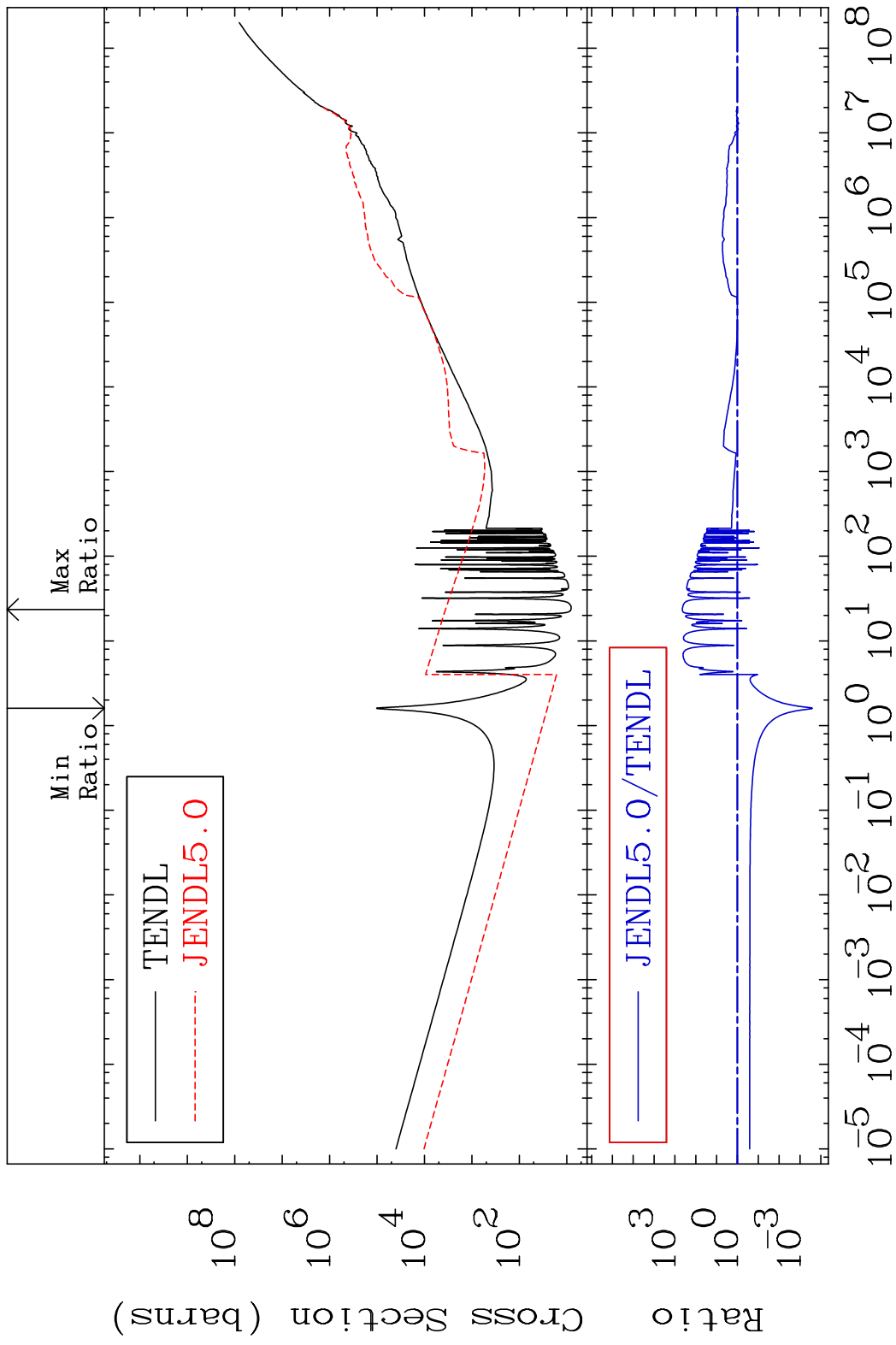


40

Incident Energy (eV)

78-Pt-193

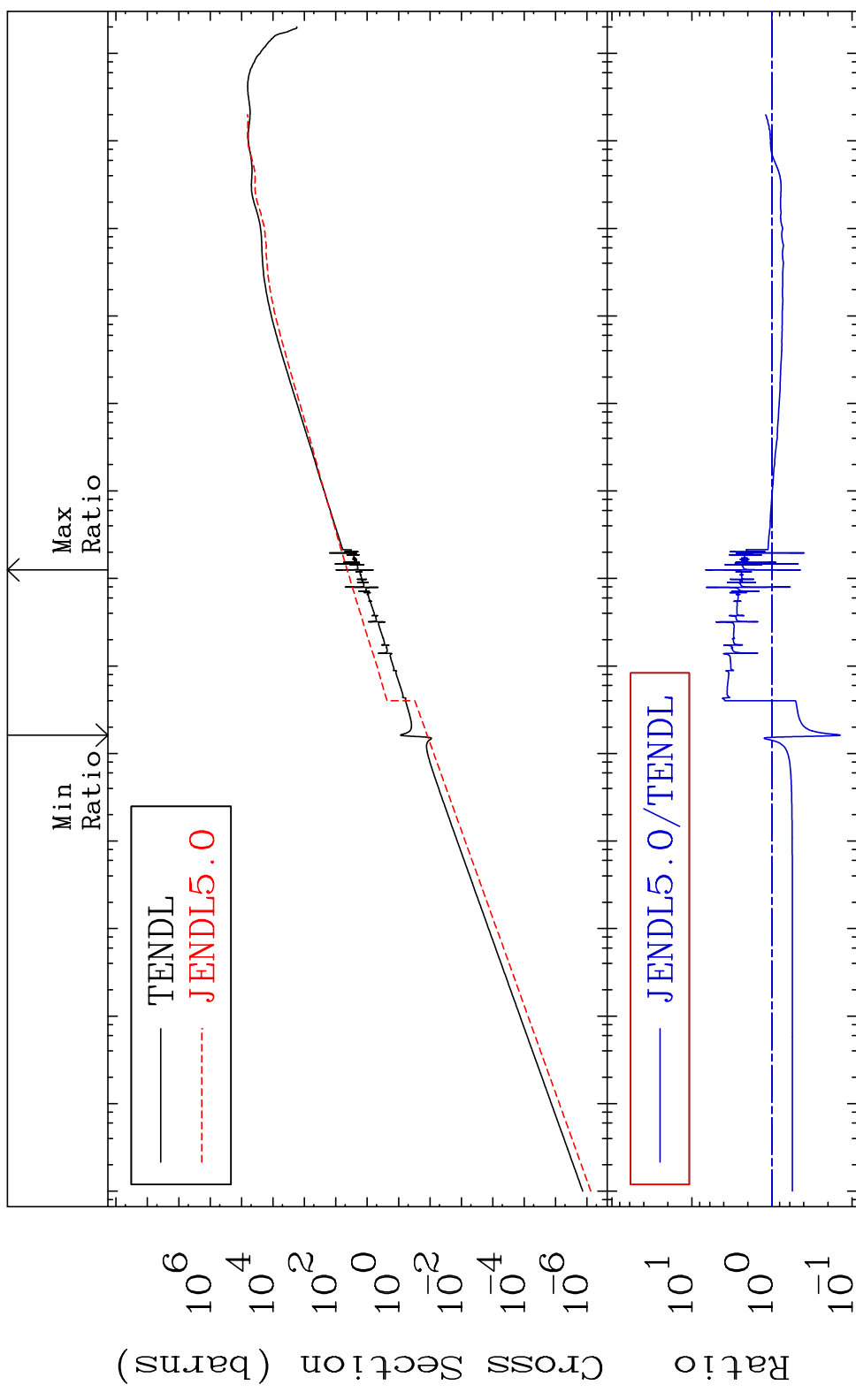
MAT 7834 Kerma total (eV-barns) 78-Pt-193
 Cross Section -99.98 To 9999. %



MAT 7834

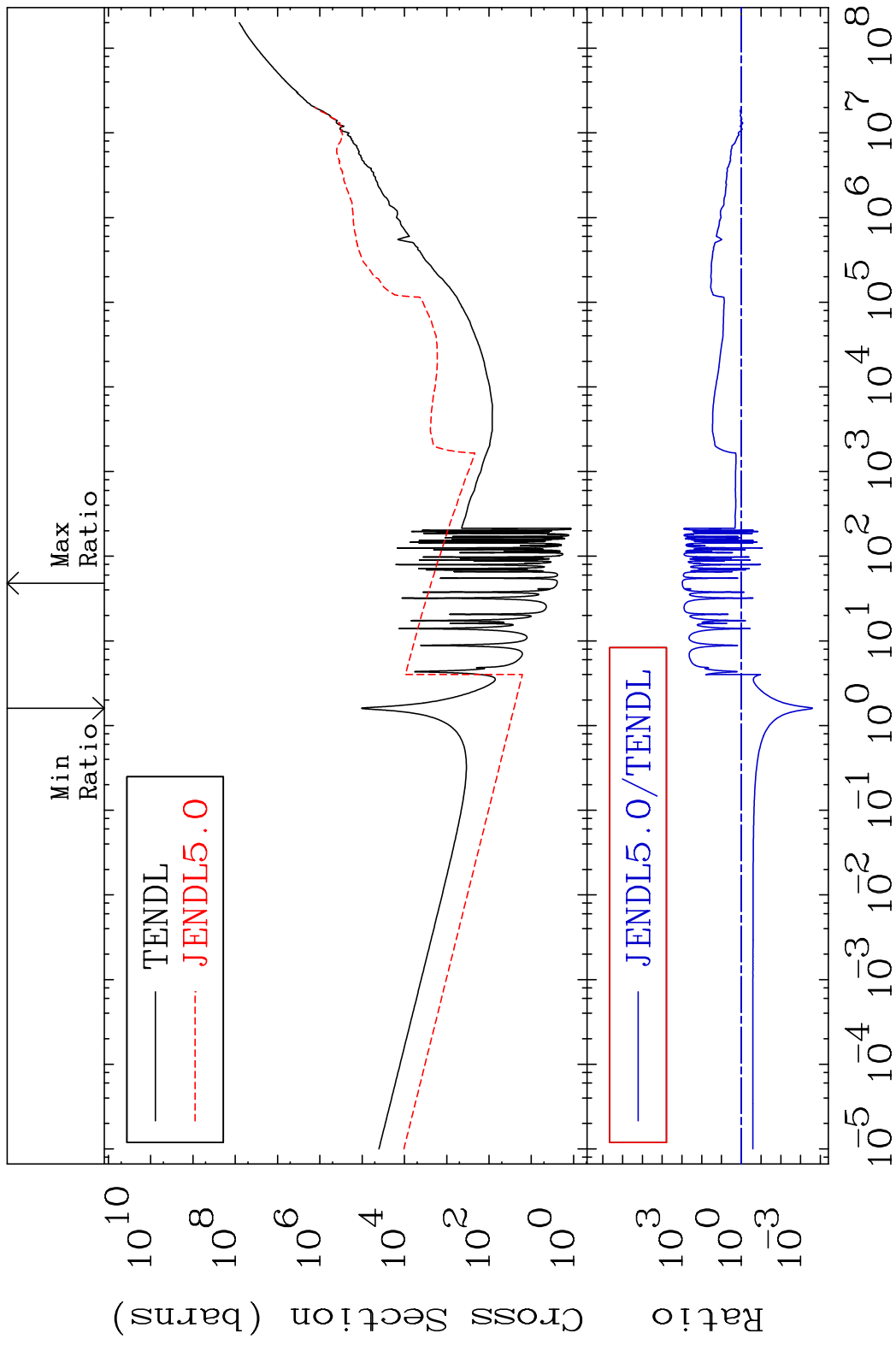
Kerma elastic Cross Section -86.06 To 571.9 %

78-Pt-193

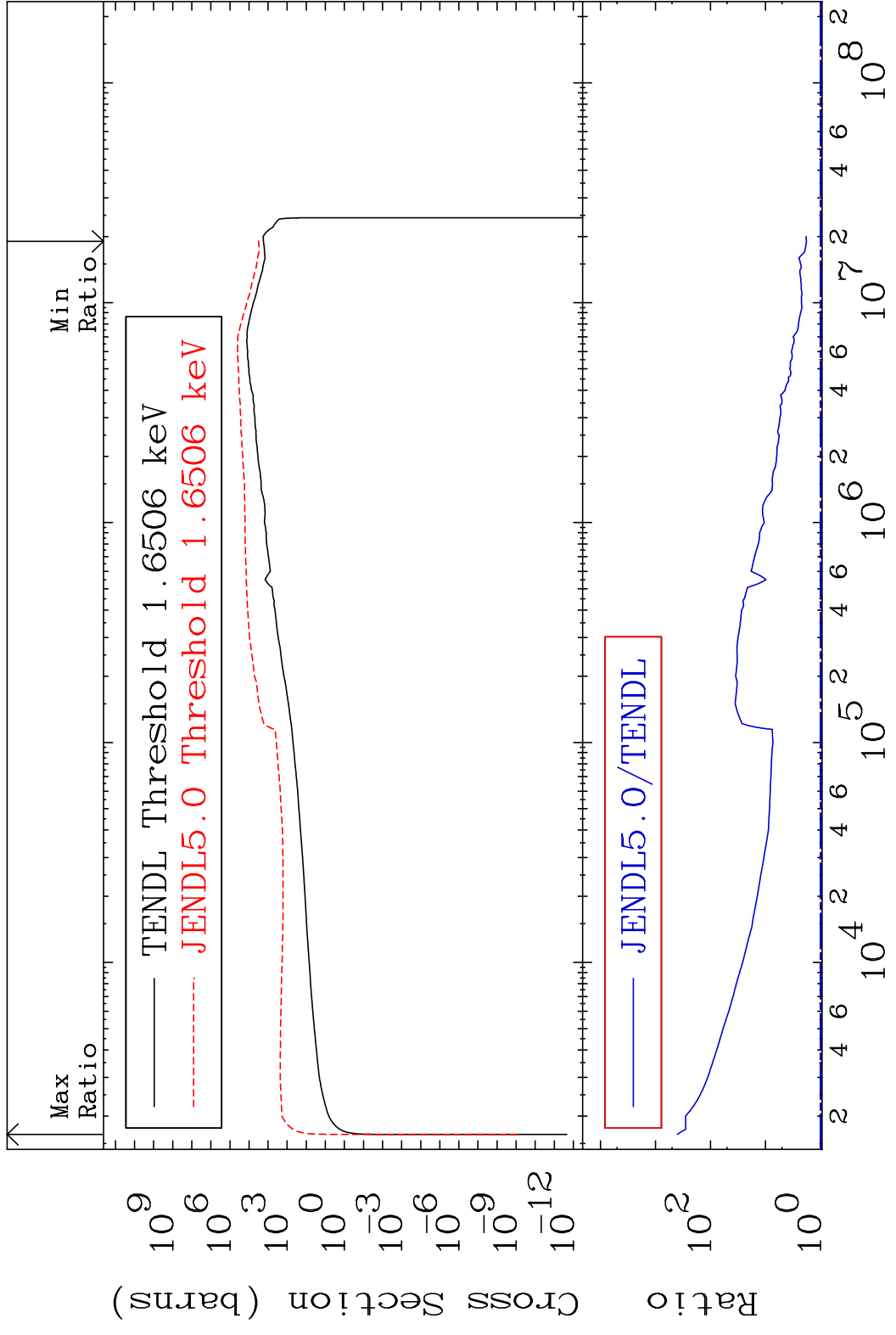


Incident Energy (eV)

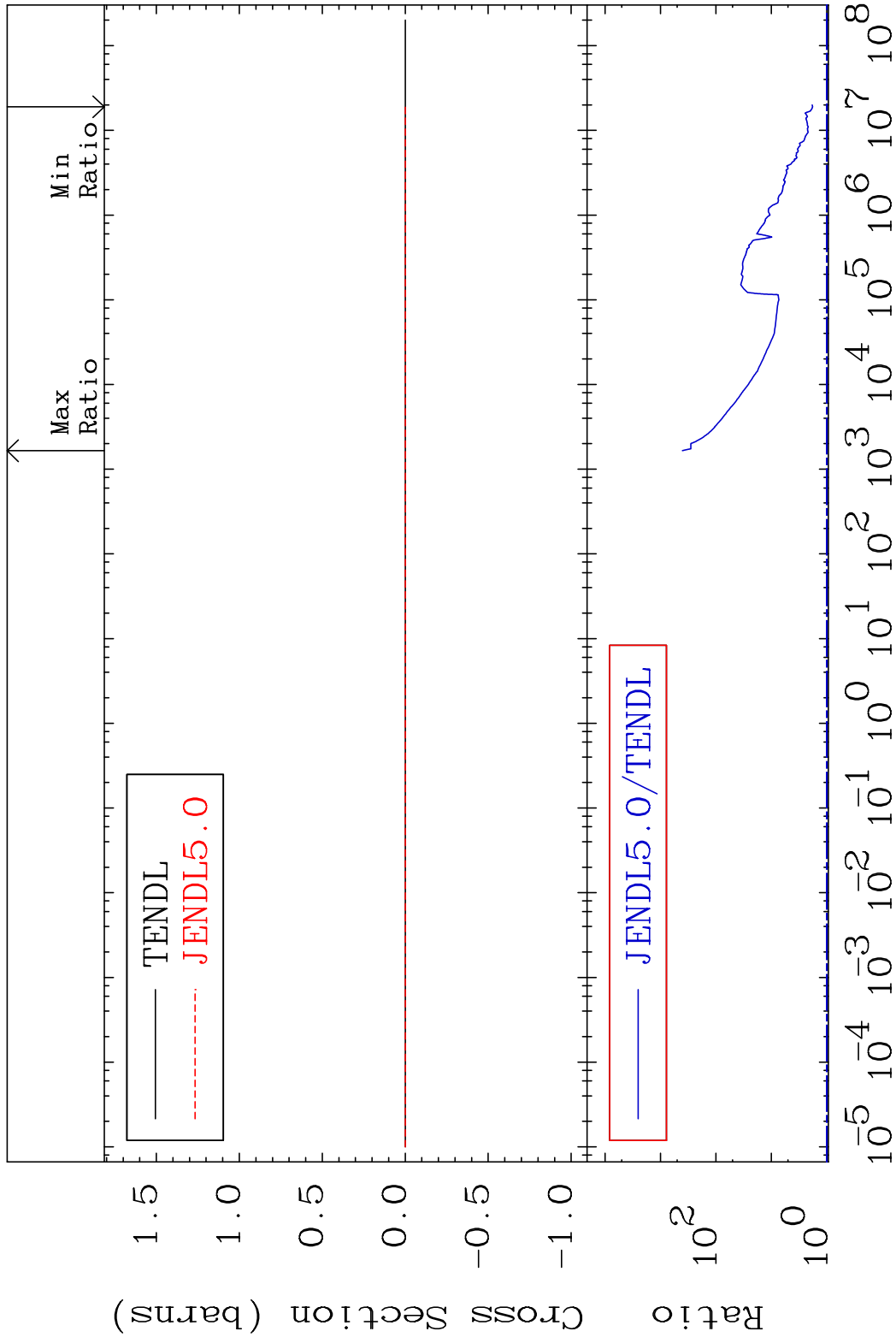
MAT 7834 Kerma non-elastic (all but mt2) 78-Pt-193
 Cross Section -99.98 To 9999. %



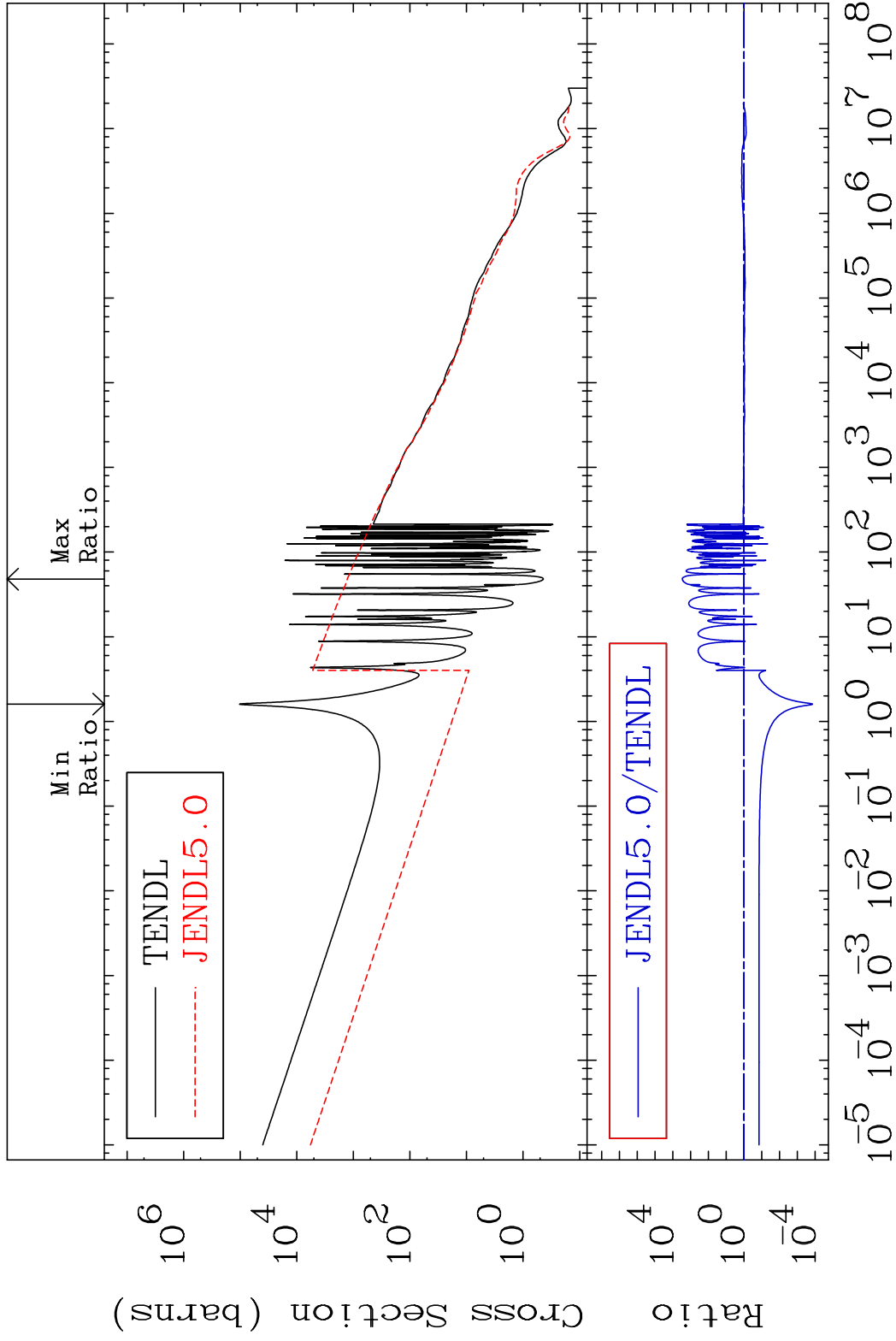
MAT 7834 Kerma inelastic (mt51-91) 78-Pt-193
 Cross Section 80.66 To 9999. %



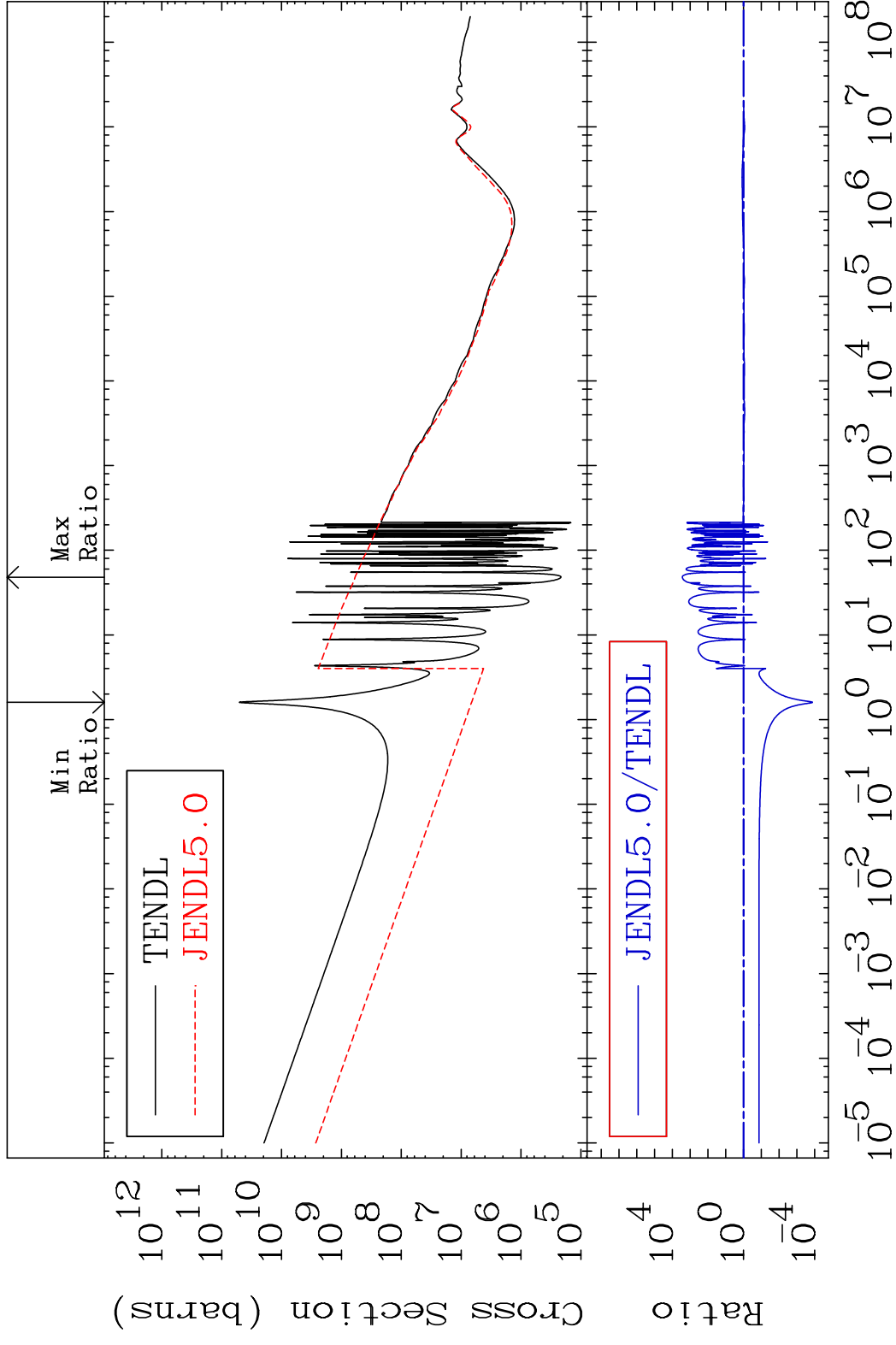
MAT 7834 Kerma fission (mt18 or mt19-20-21-38)78-Pt-193
 Cross Section 80.66 To 9999. %



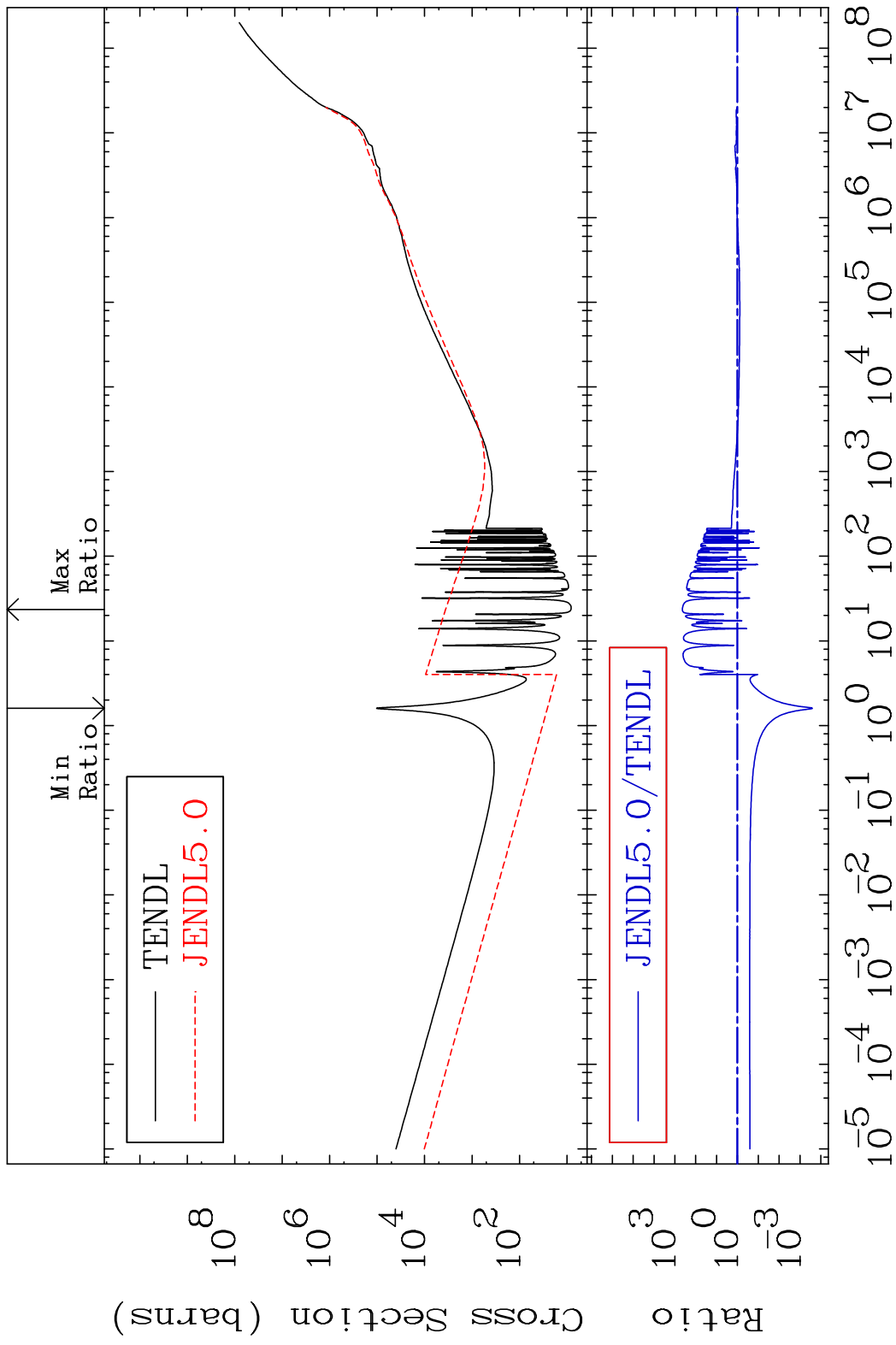
Cross Section -99.99 To 9999. %



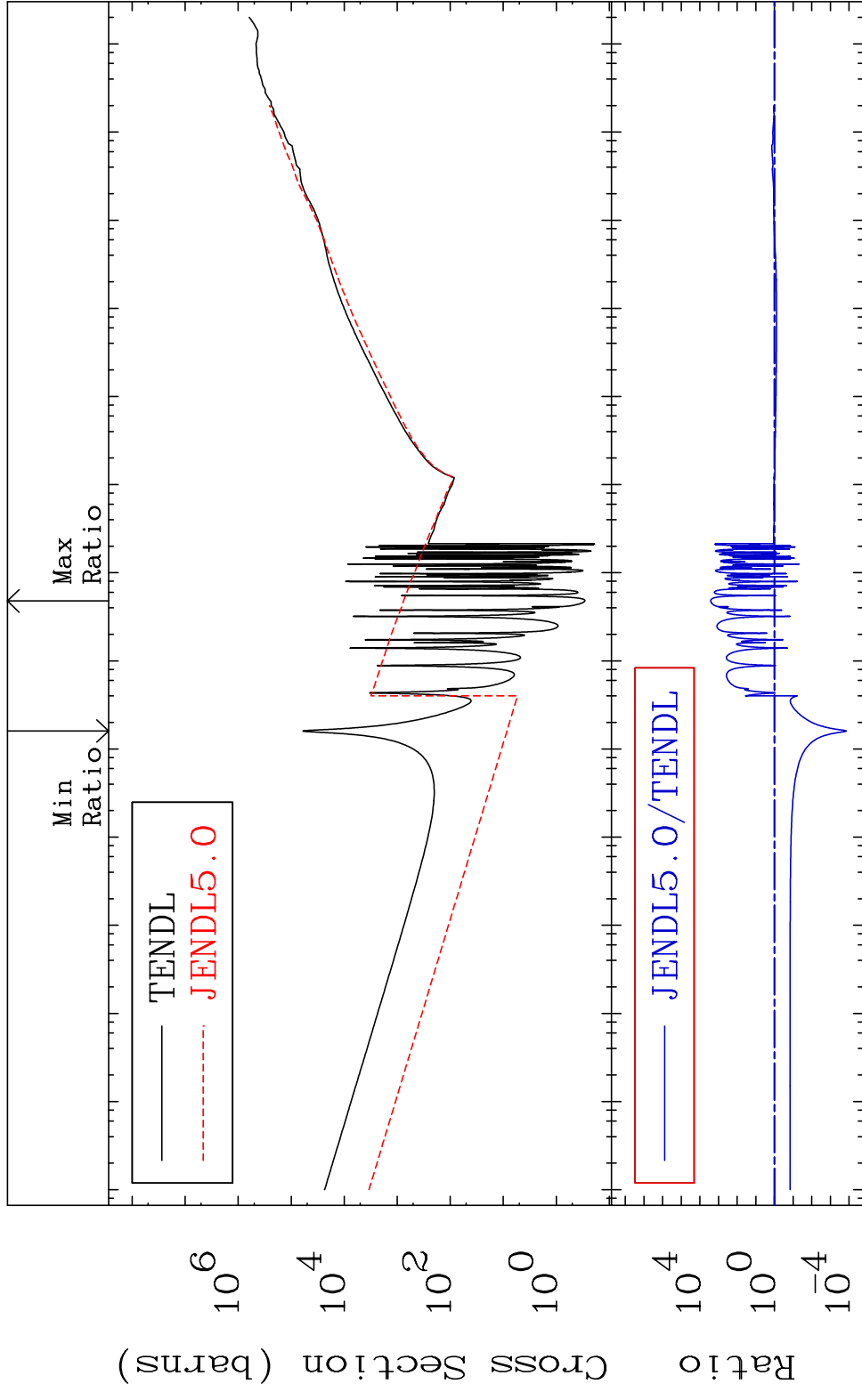
MAT 7834 Total photon (eV-barns) 78-Pt-193
 Cross Section -99.99 To 9999. %



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. %

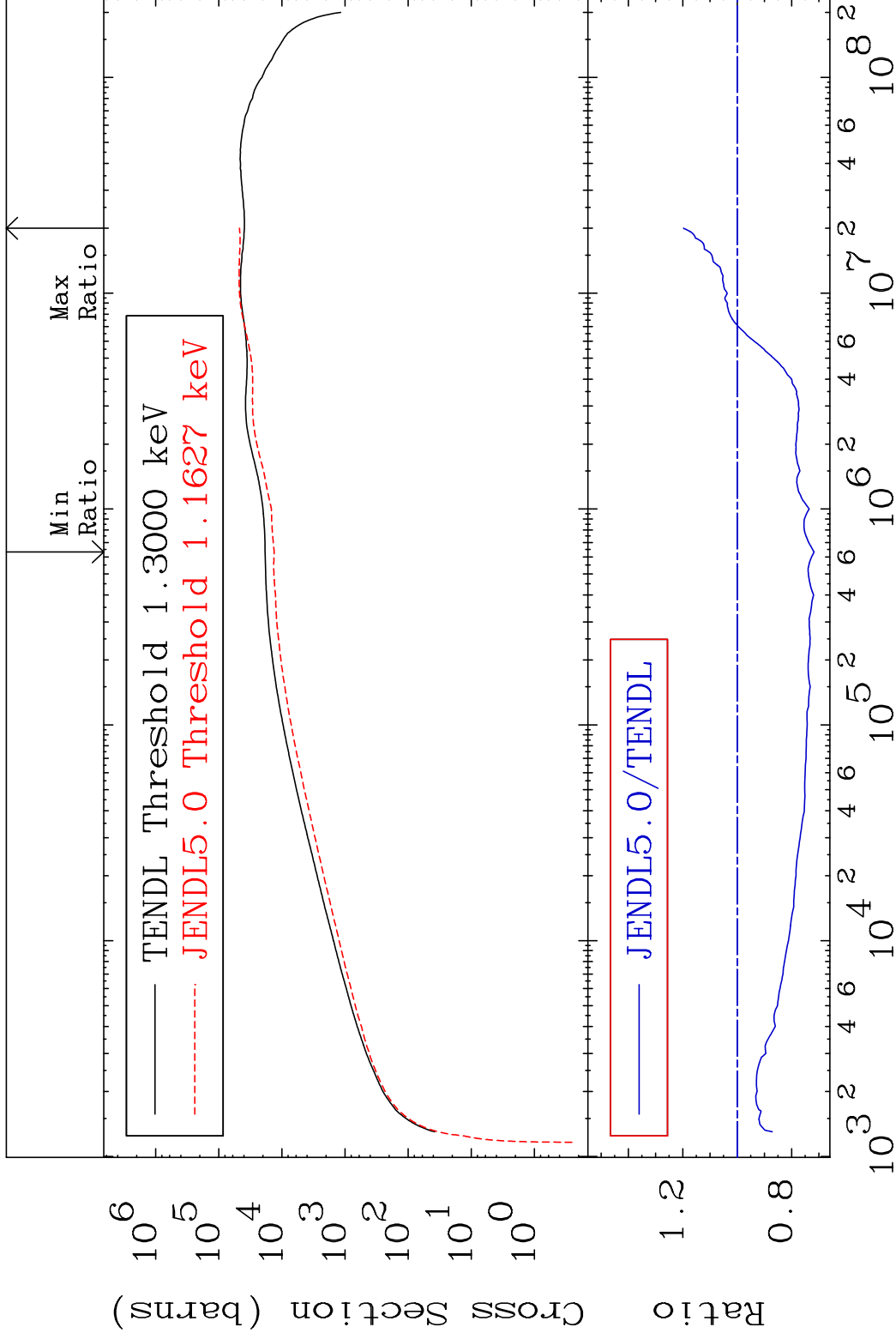


MAT 7834

Dpa elastic (mt2)

78-Pt-193

Cross Section -28.23 To 19.75 %

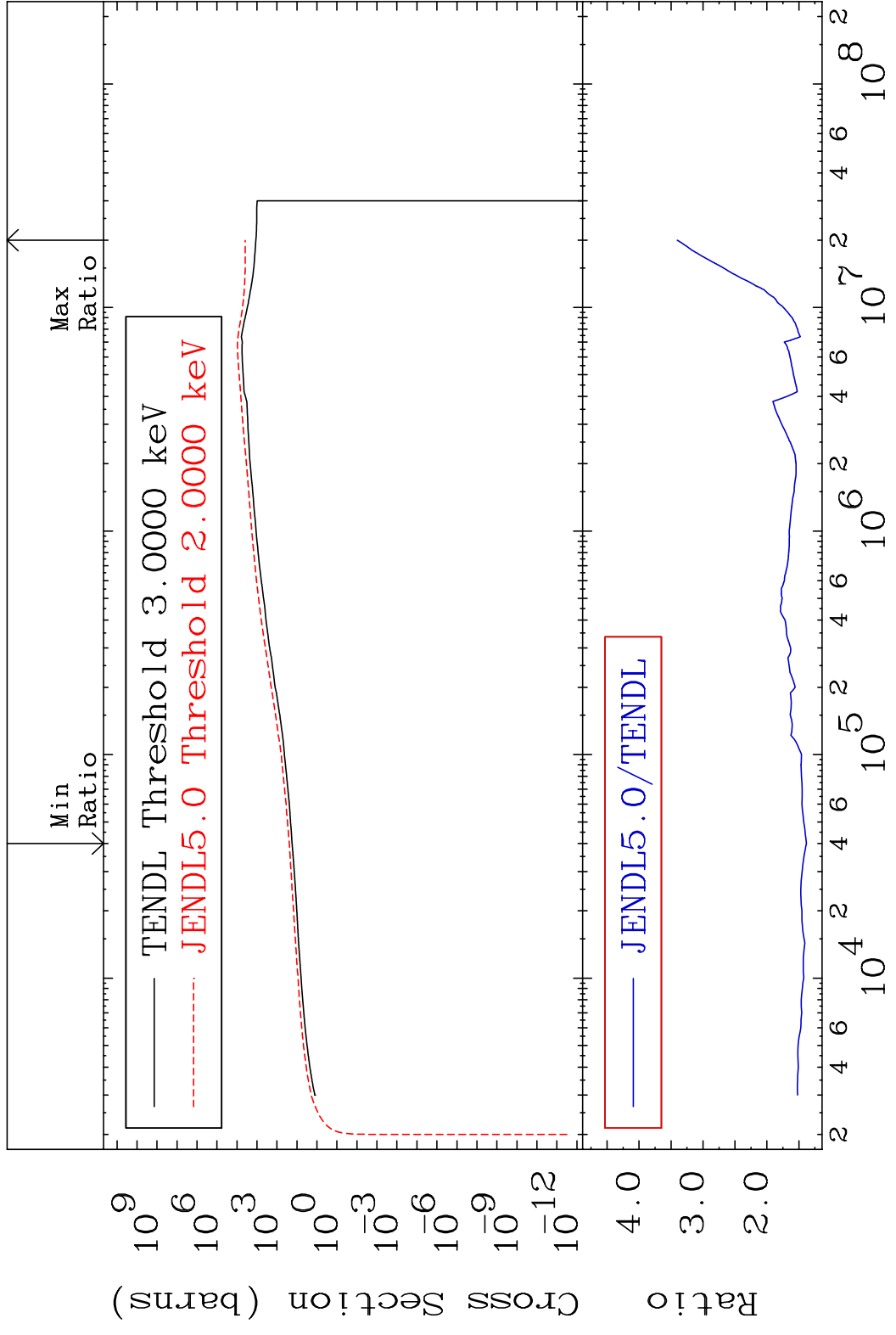


50

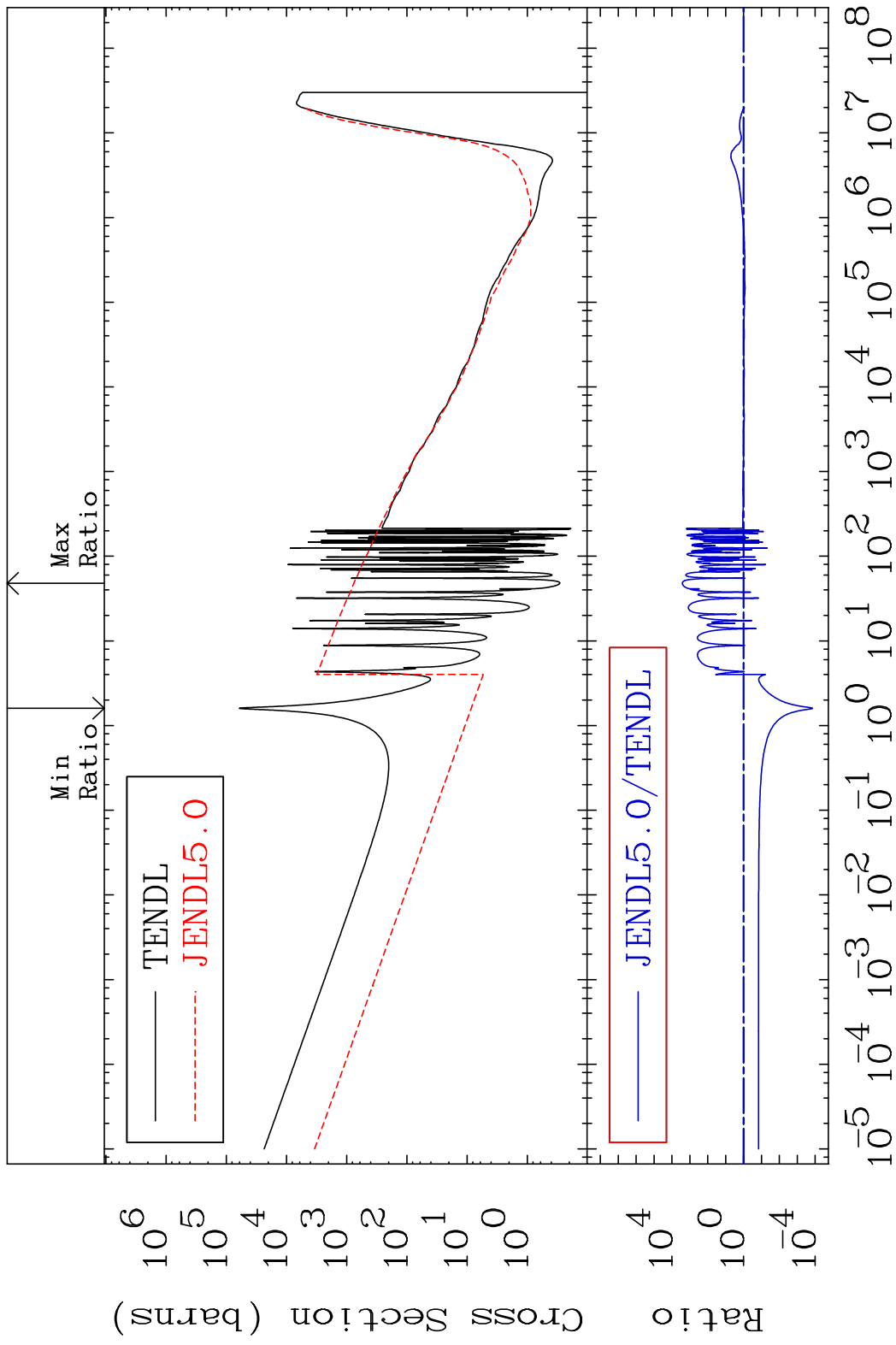
Incident Energy (eV)

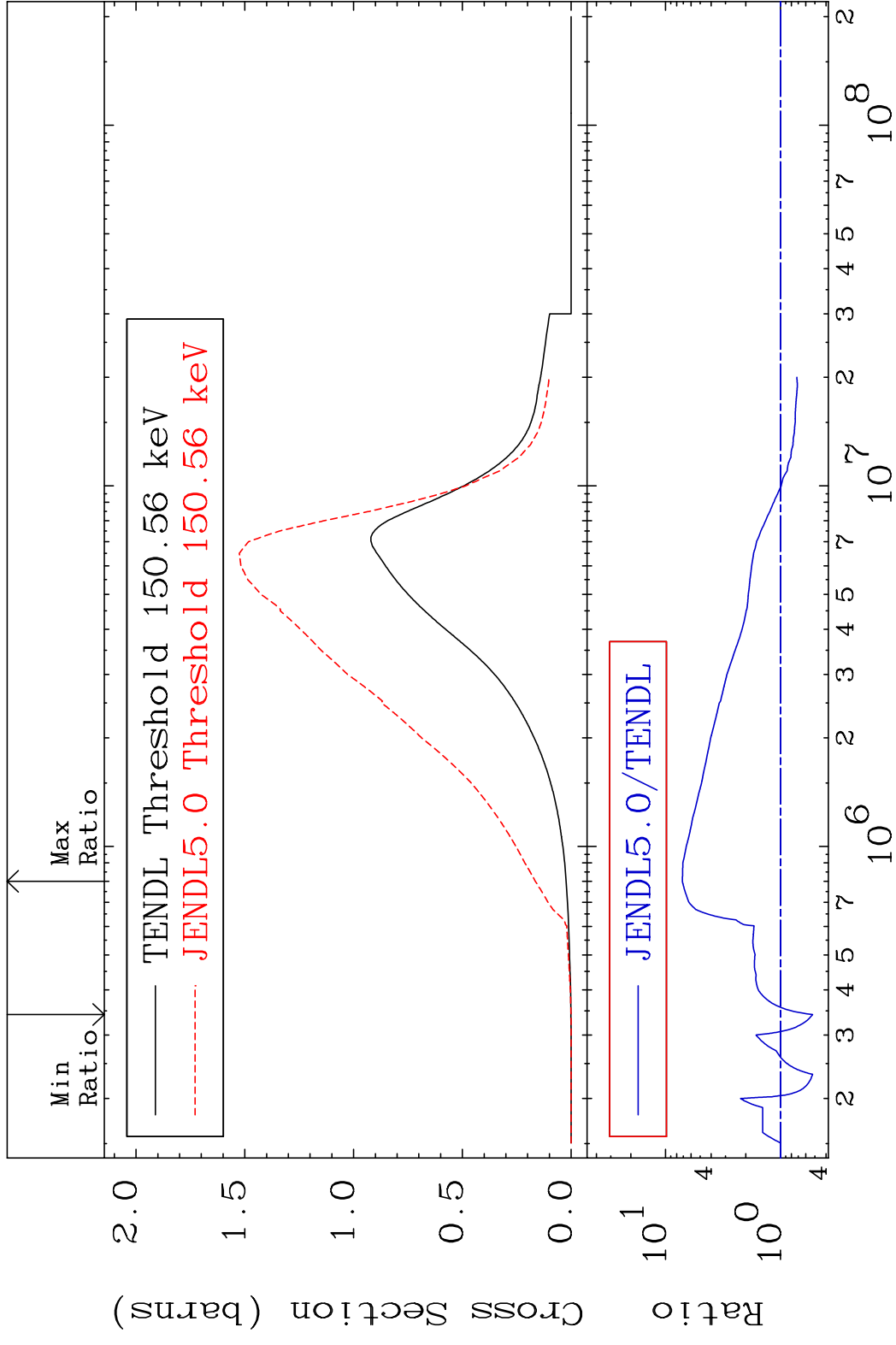
78-Pt-193

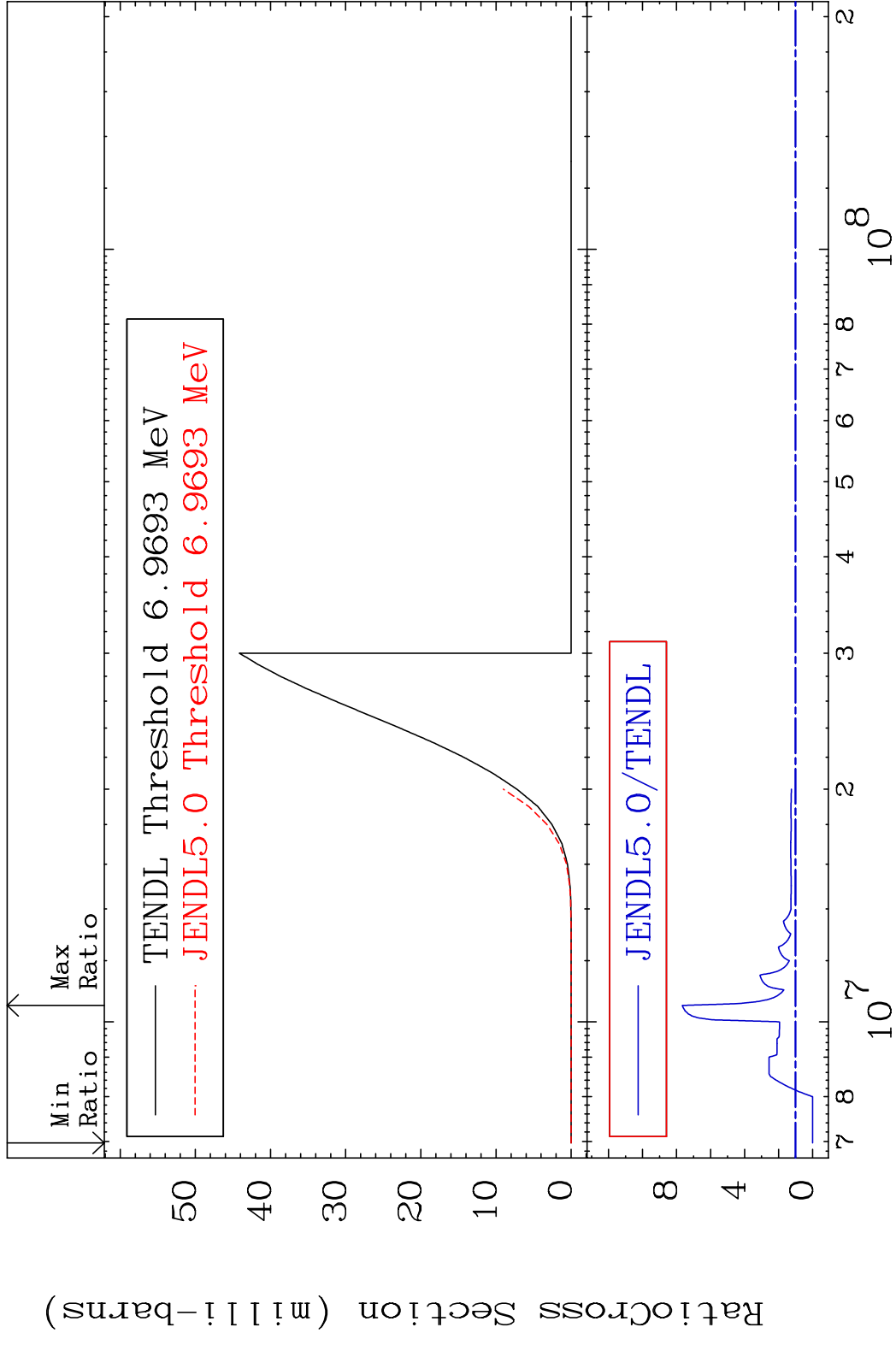
MAT 7834 Dpa inelastic (mt51-91) 78-Pt-193
 Cross Section 38.33 To 240.4 %

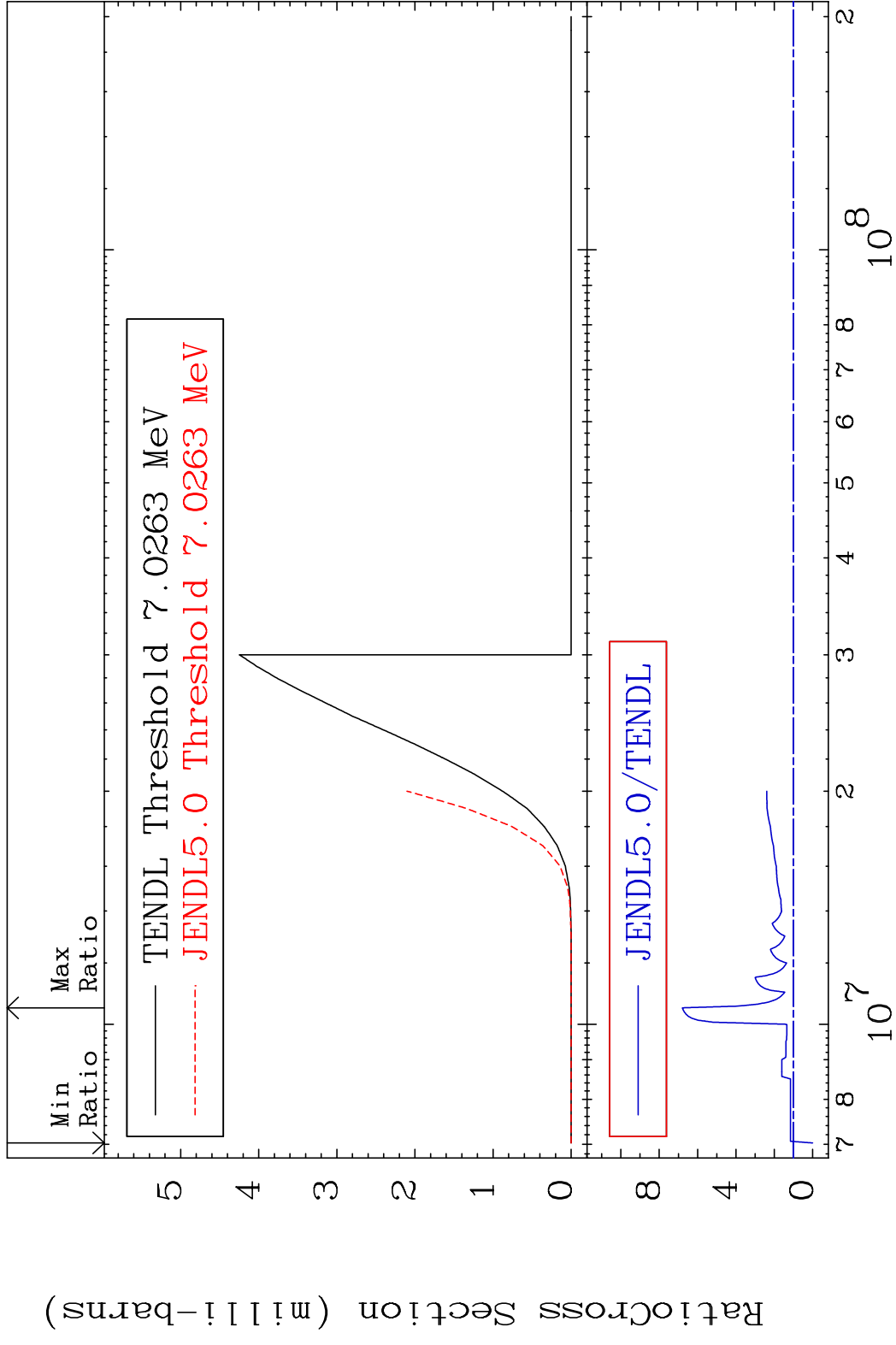


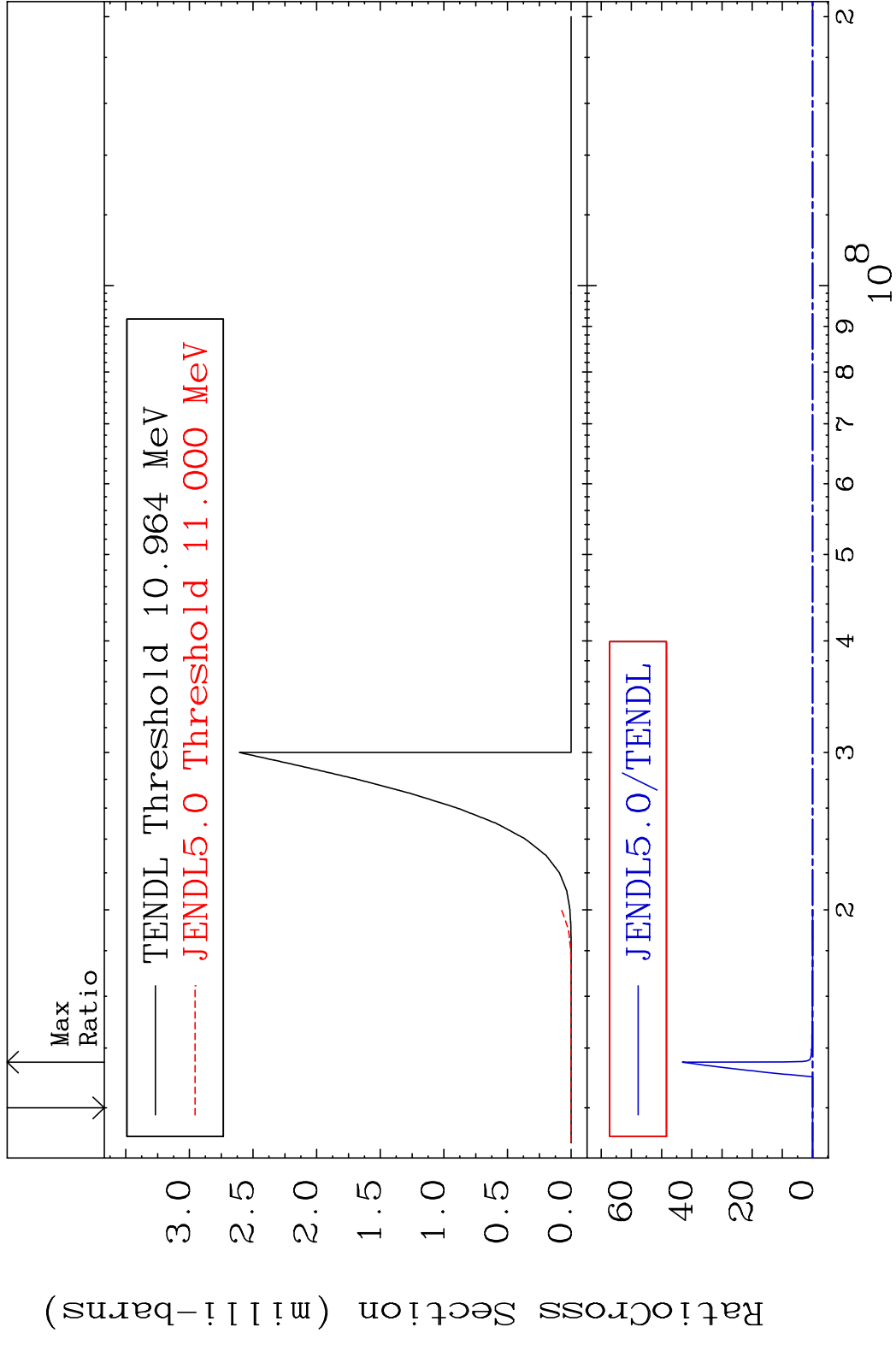
MAT 7834 Dpa disappearance (mt102 -120) 78-Pt-193
 Cross Section -99.99 To 9999. %

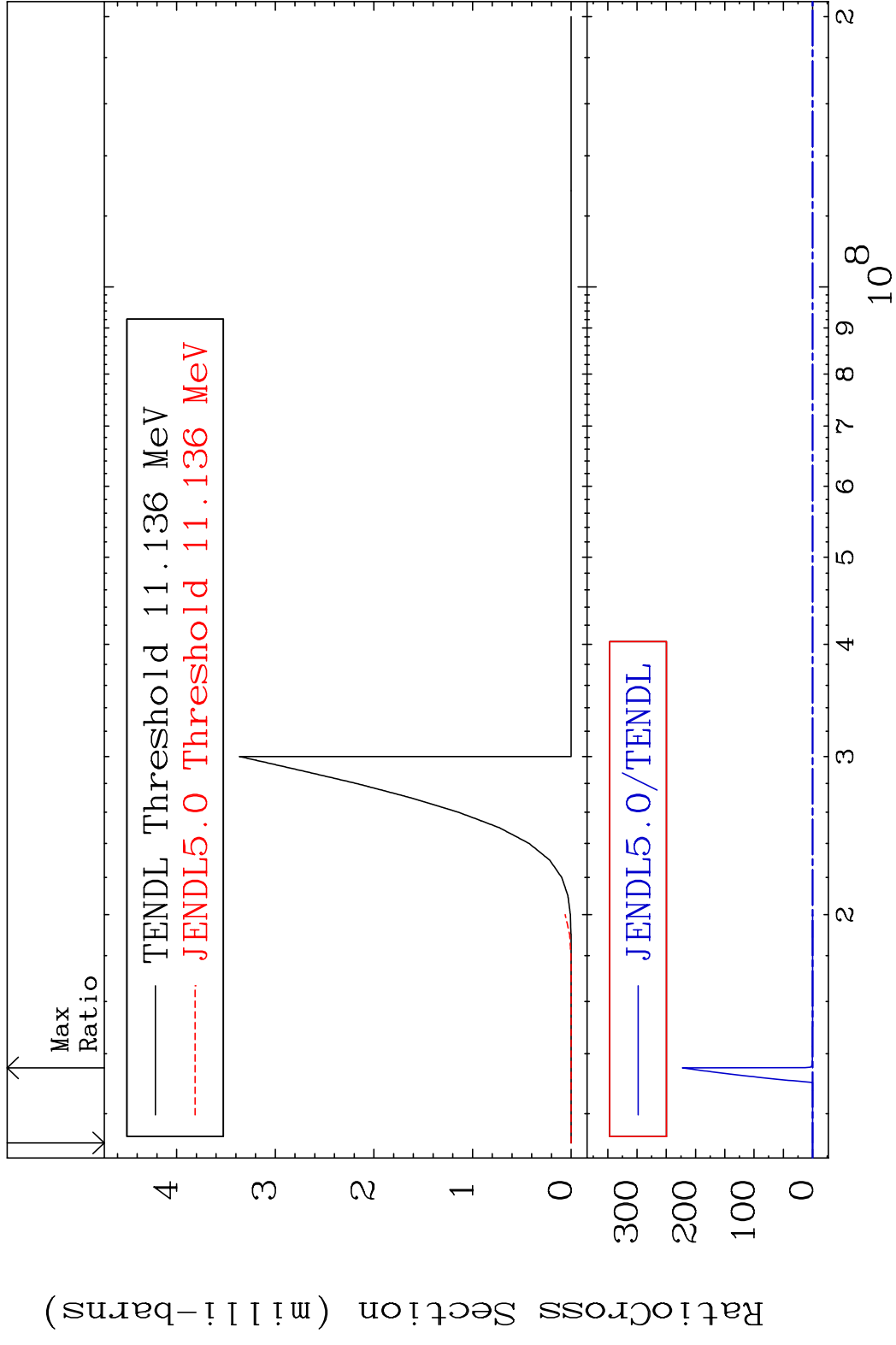


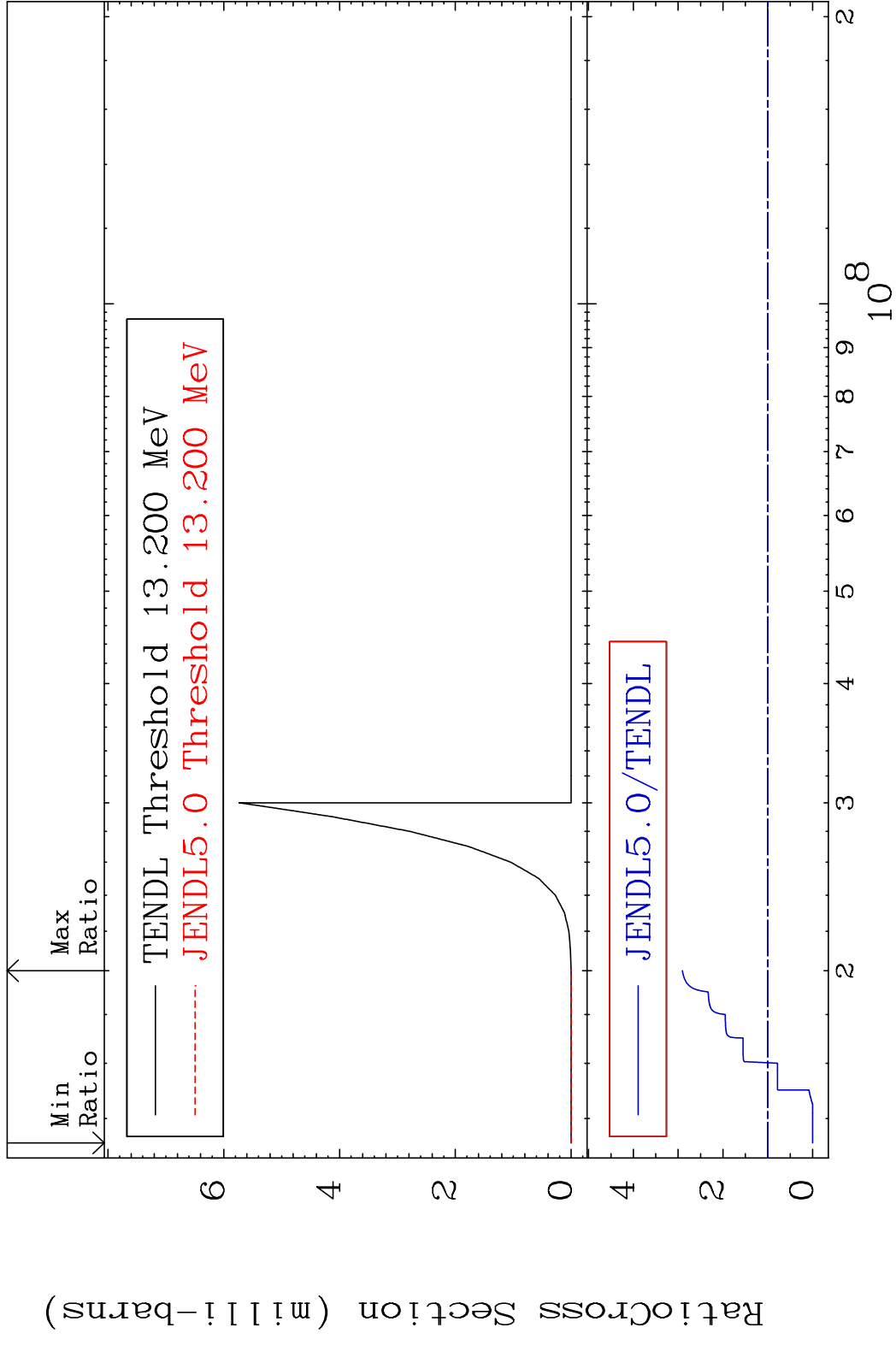


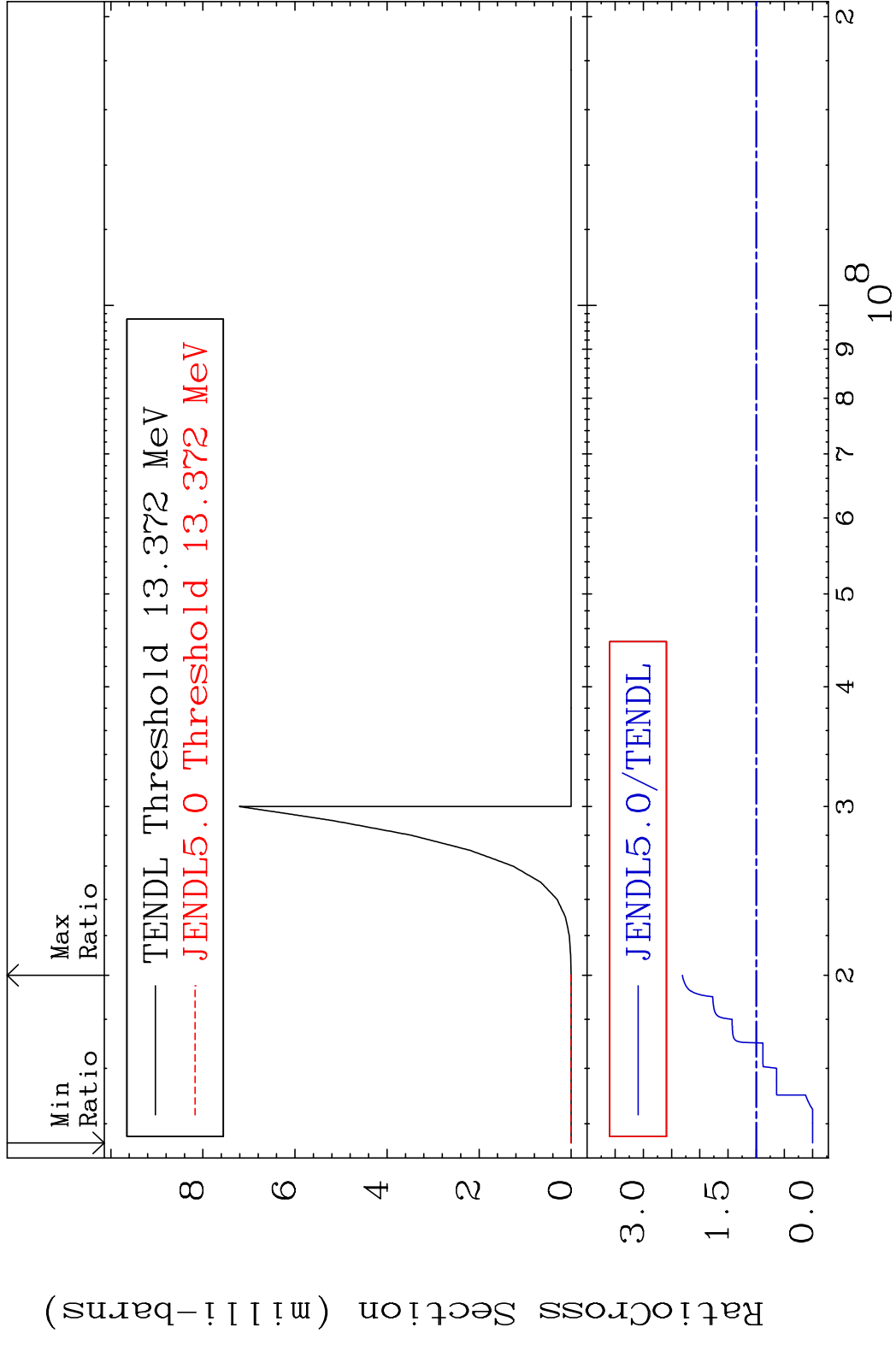


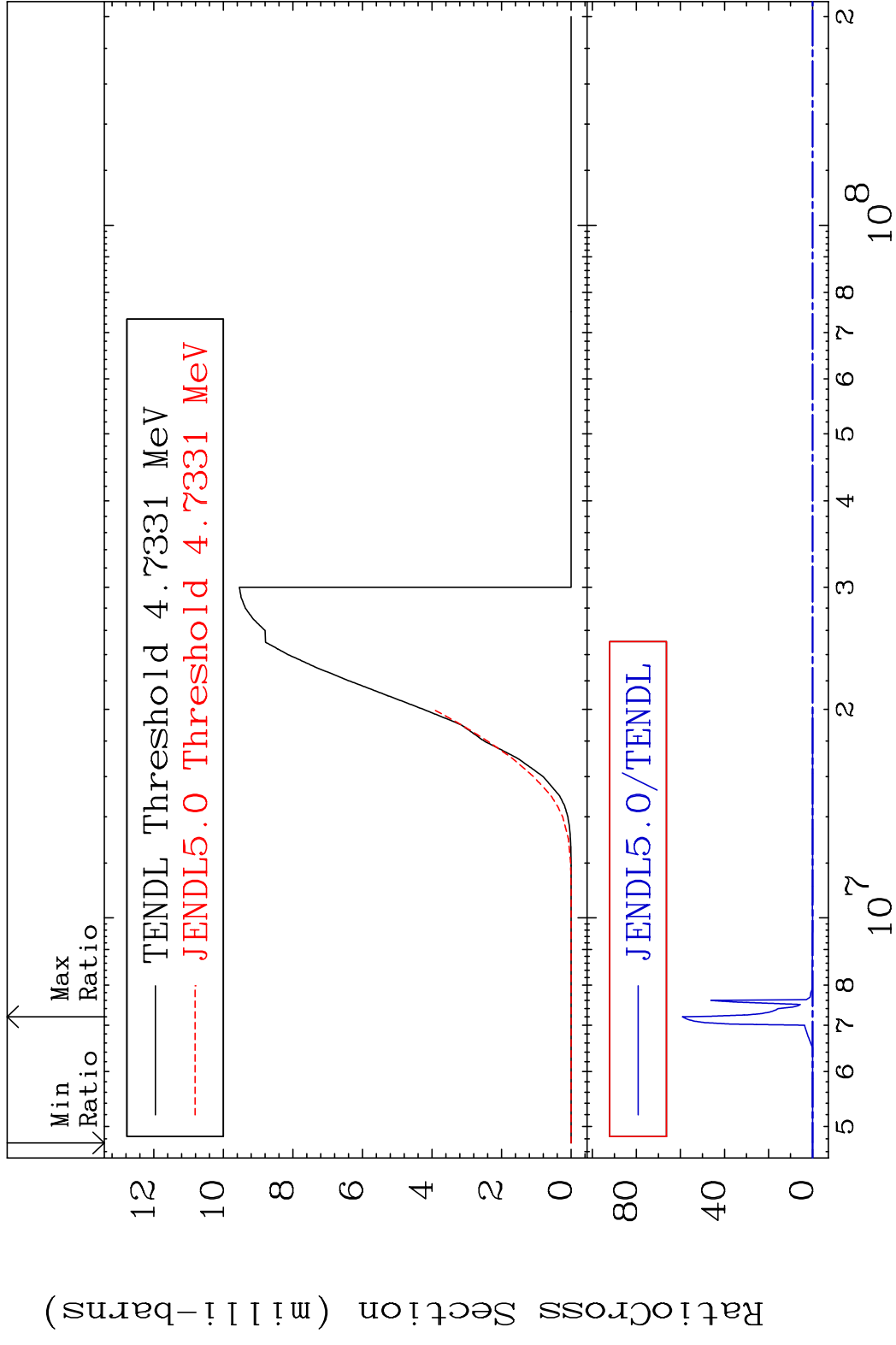


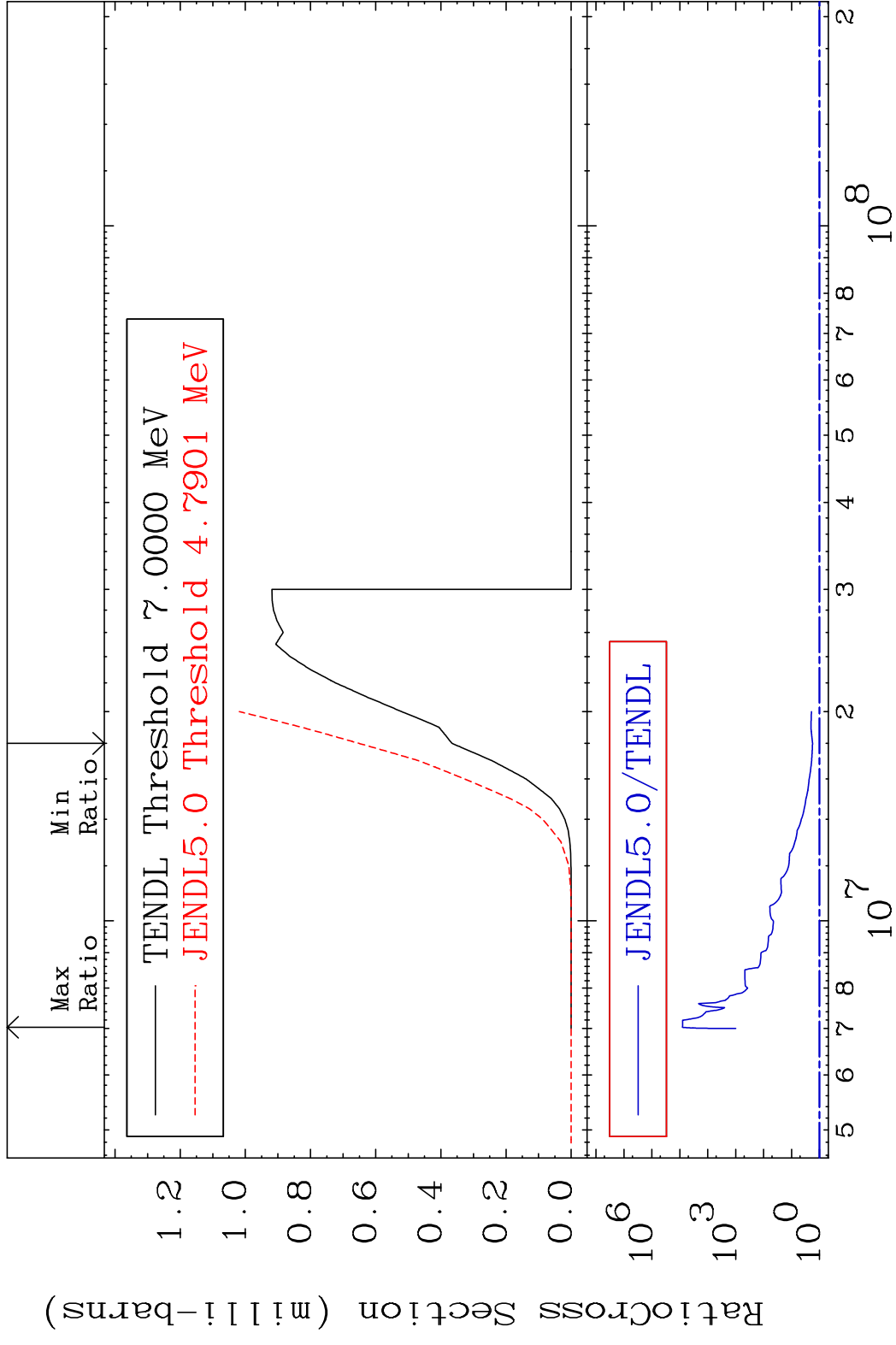


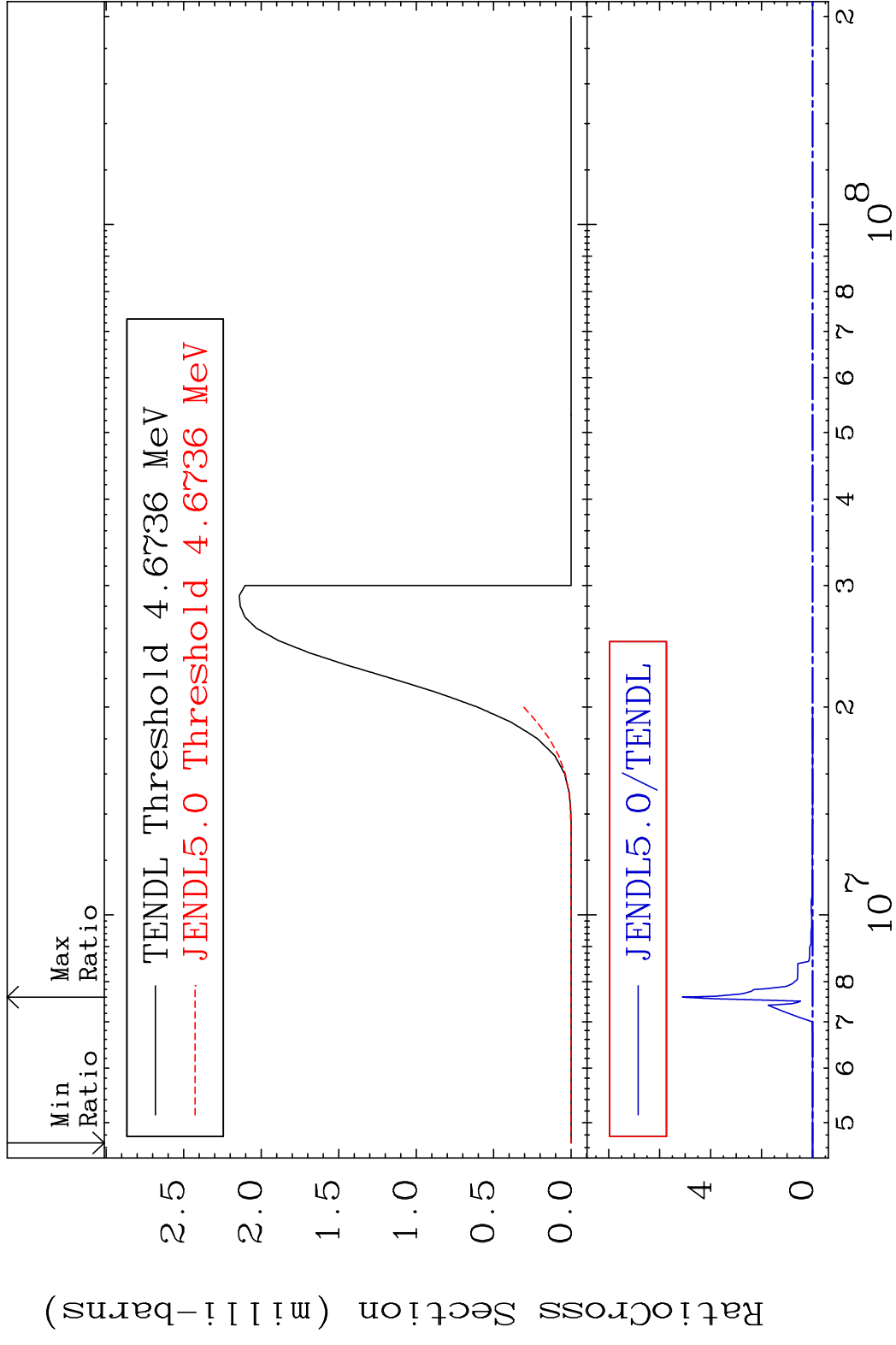


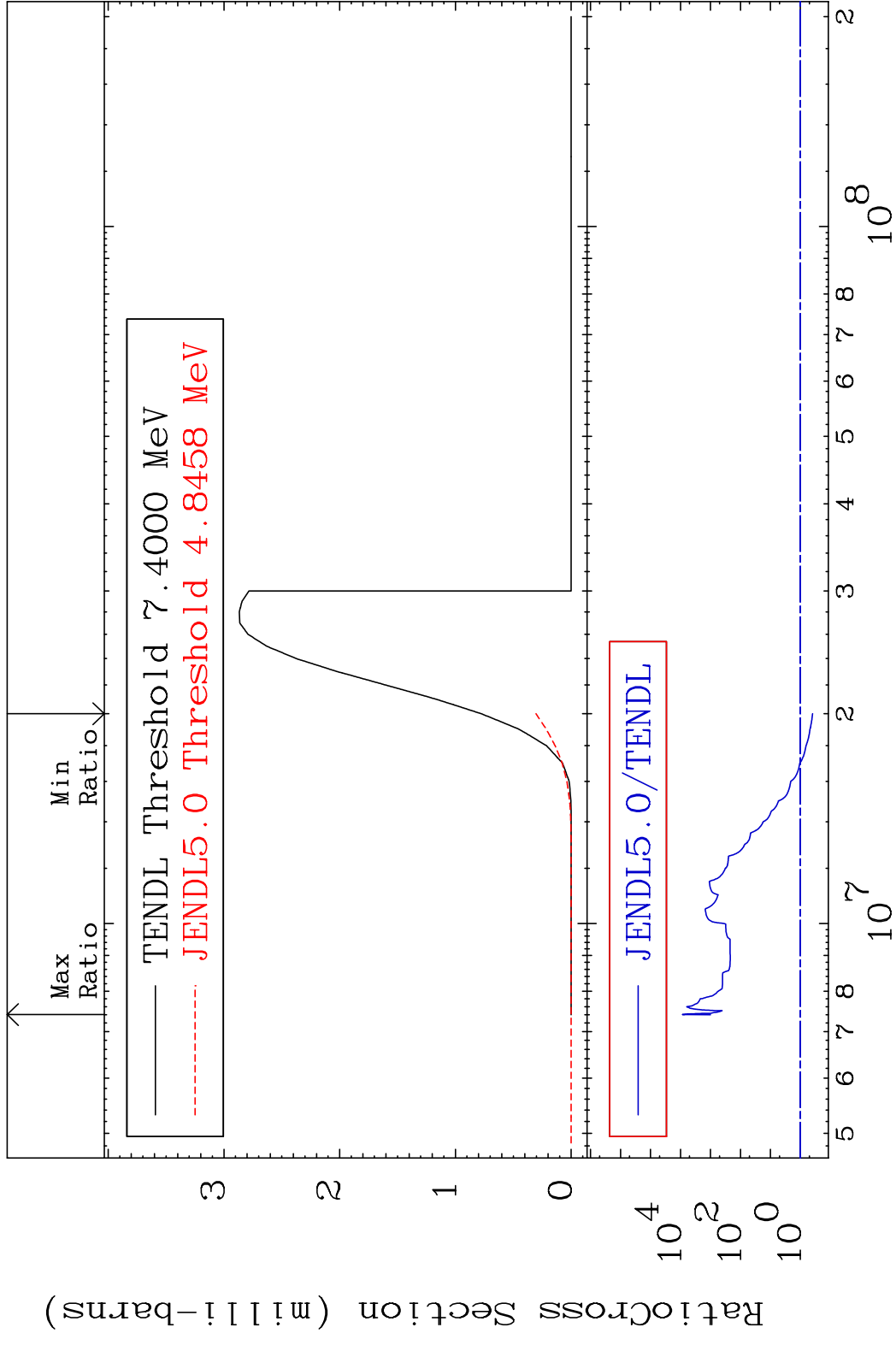


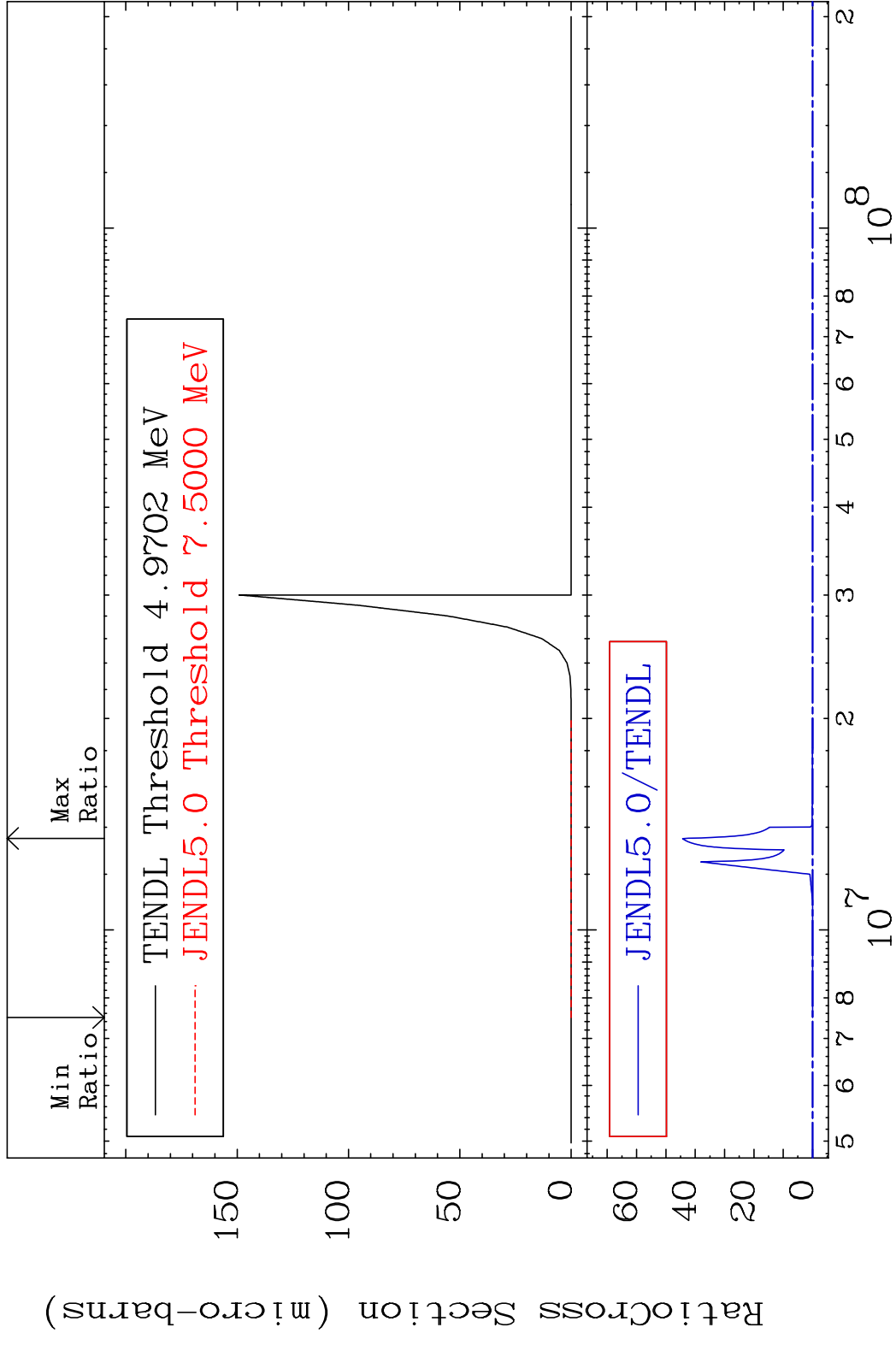


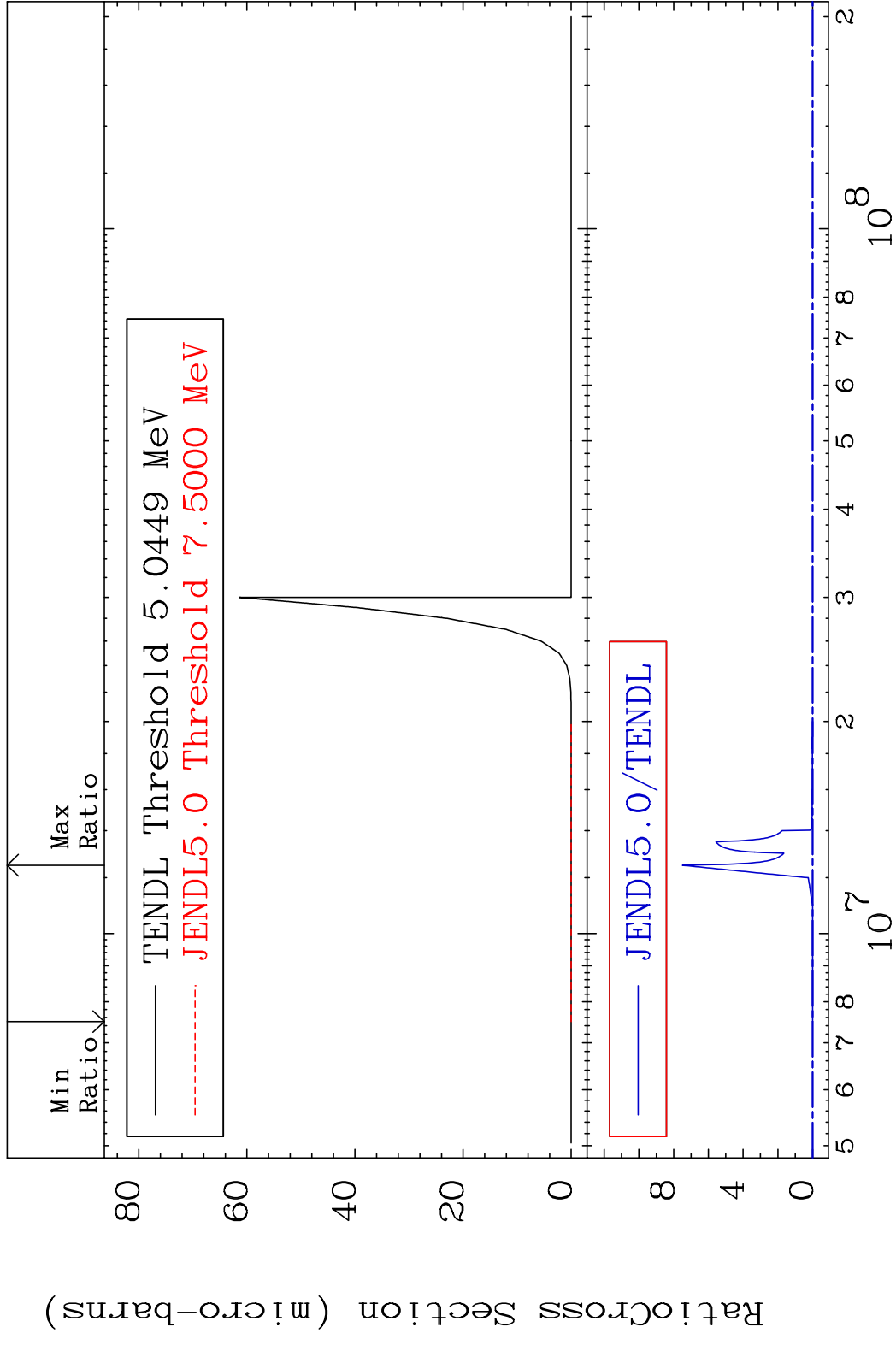




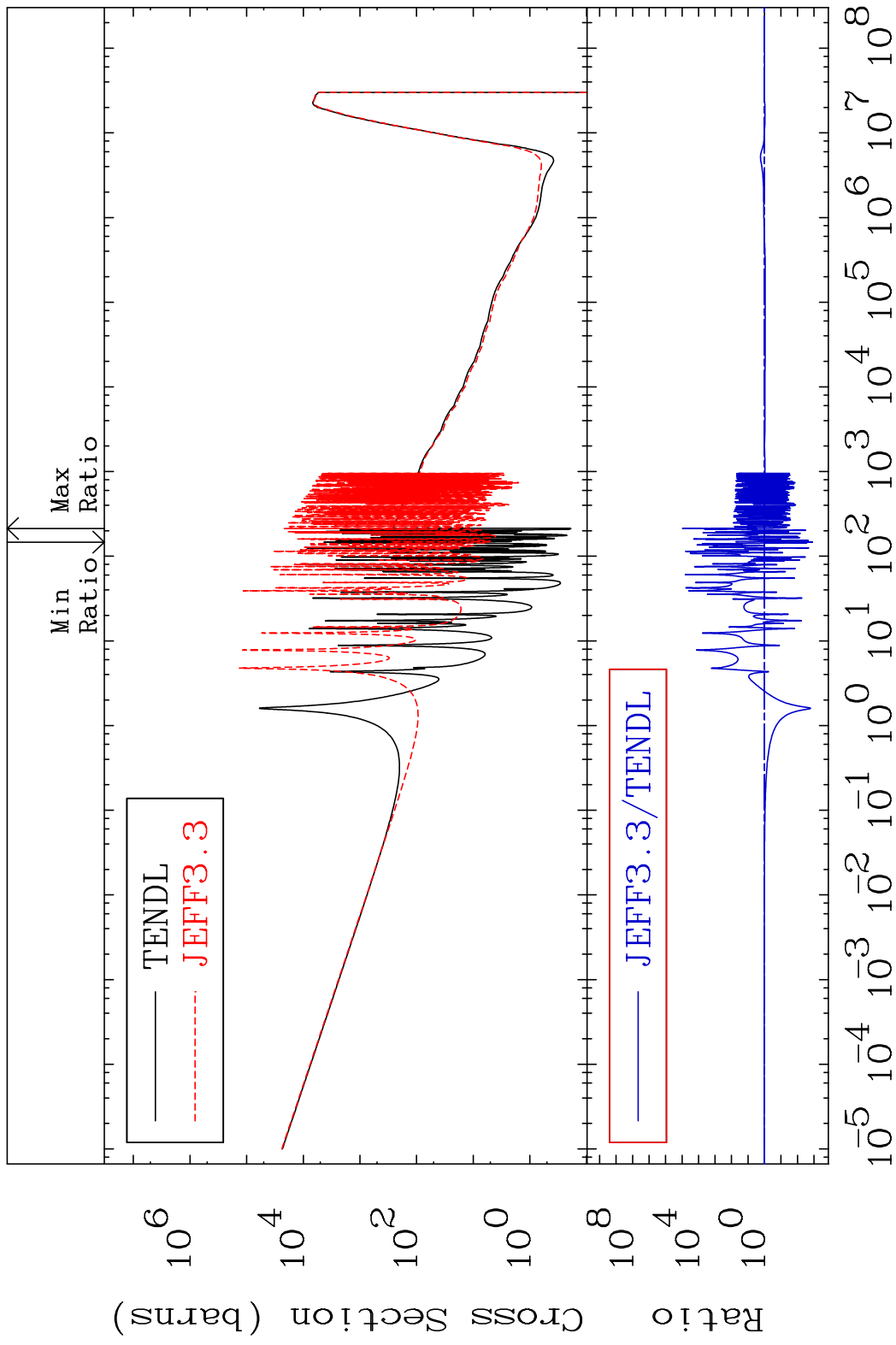


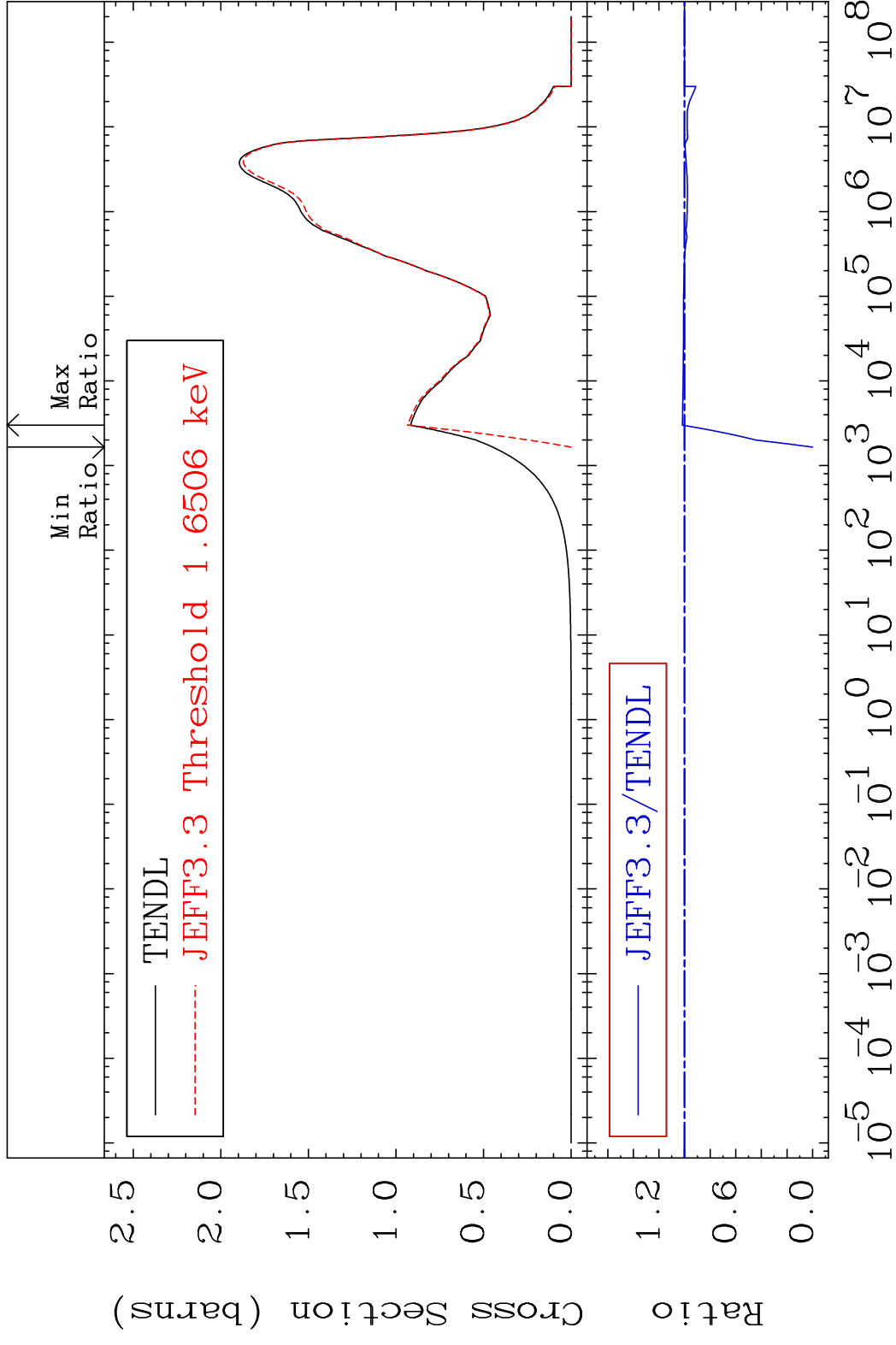


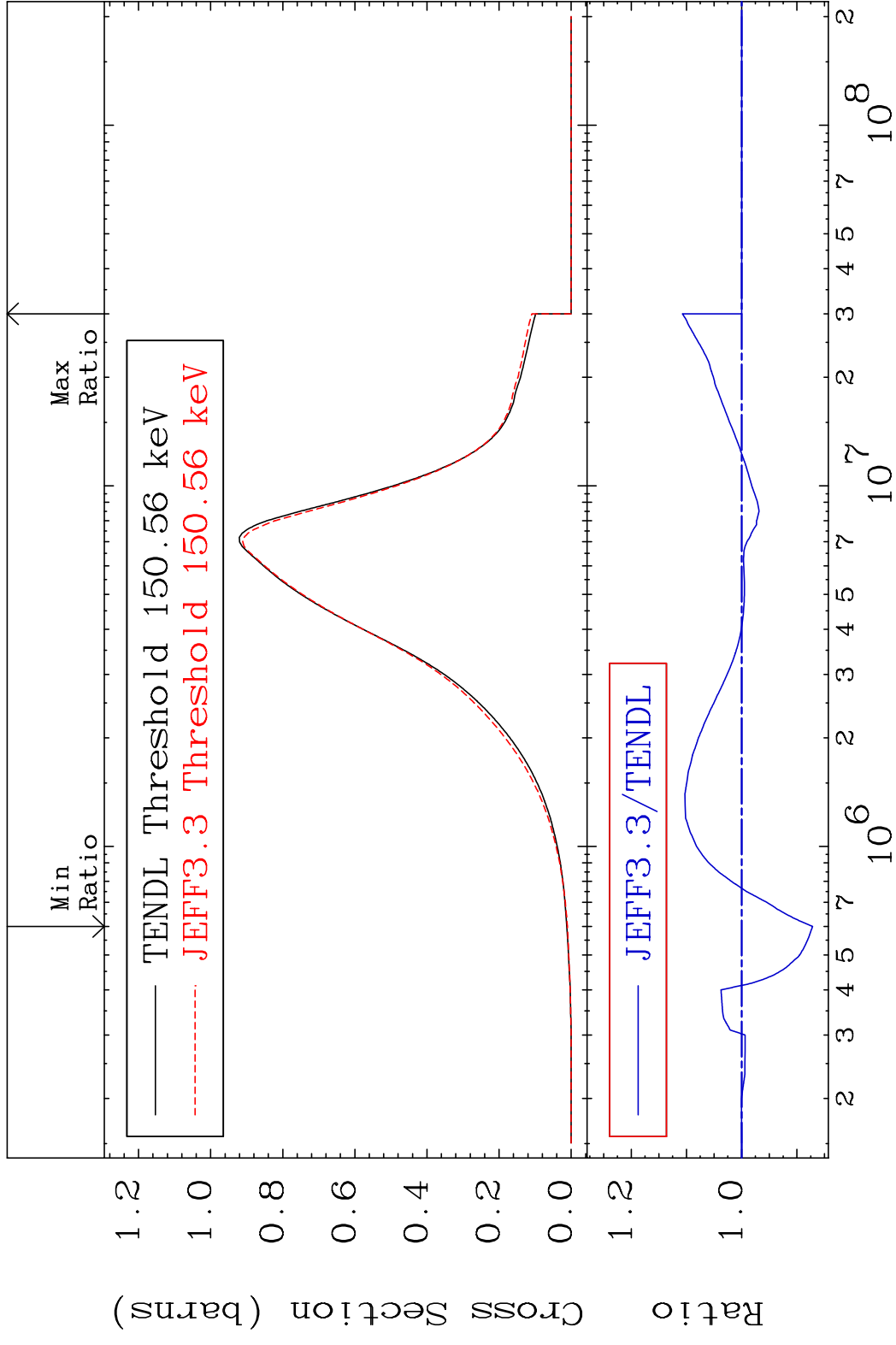




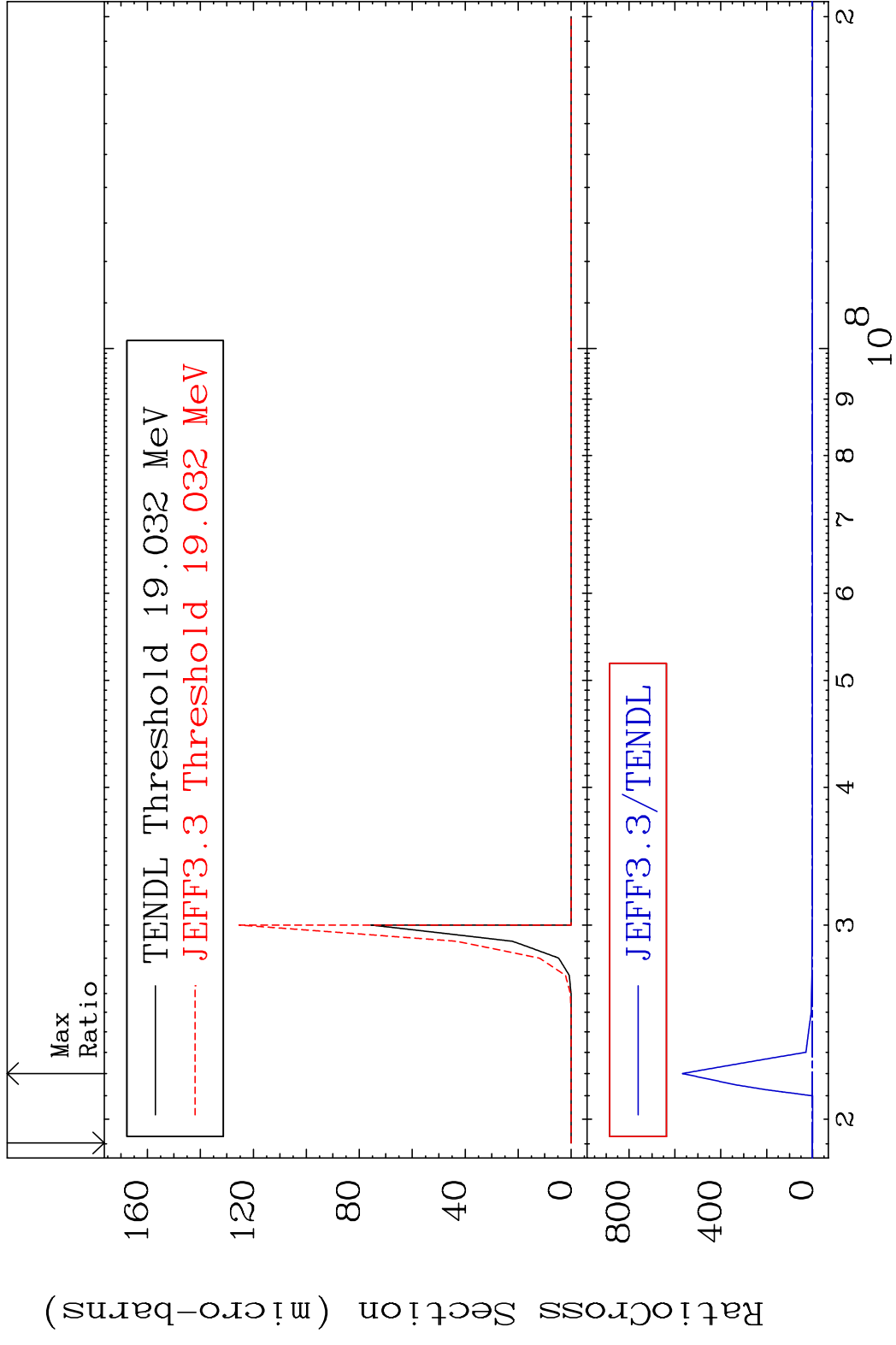
MAT 7834 Dpa disappearance (mt102 -120) 78-Pt-193
 Cross Section -99.88 To 9999. %



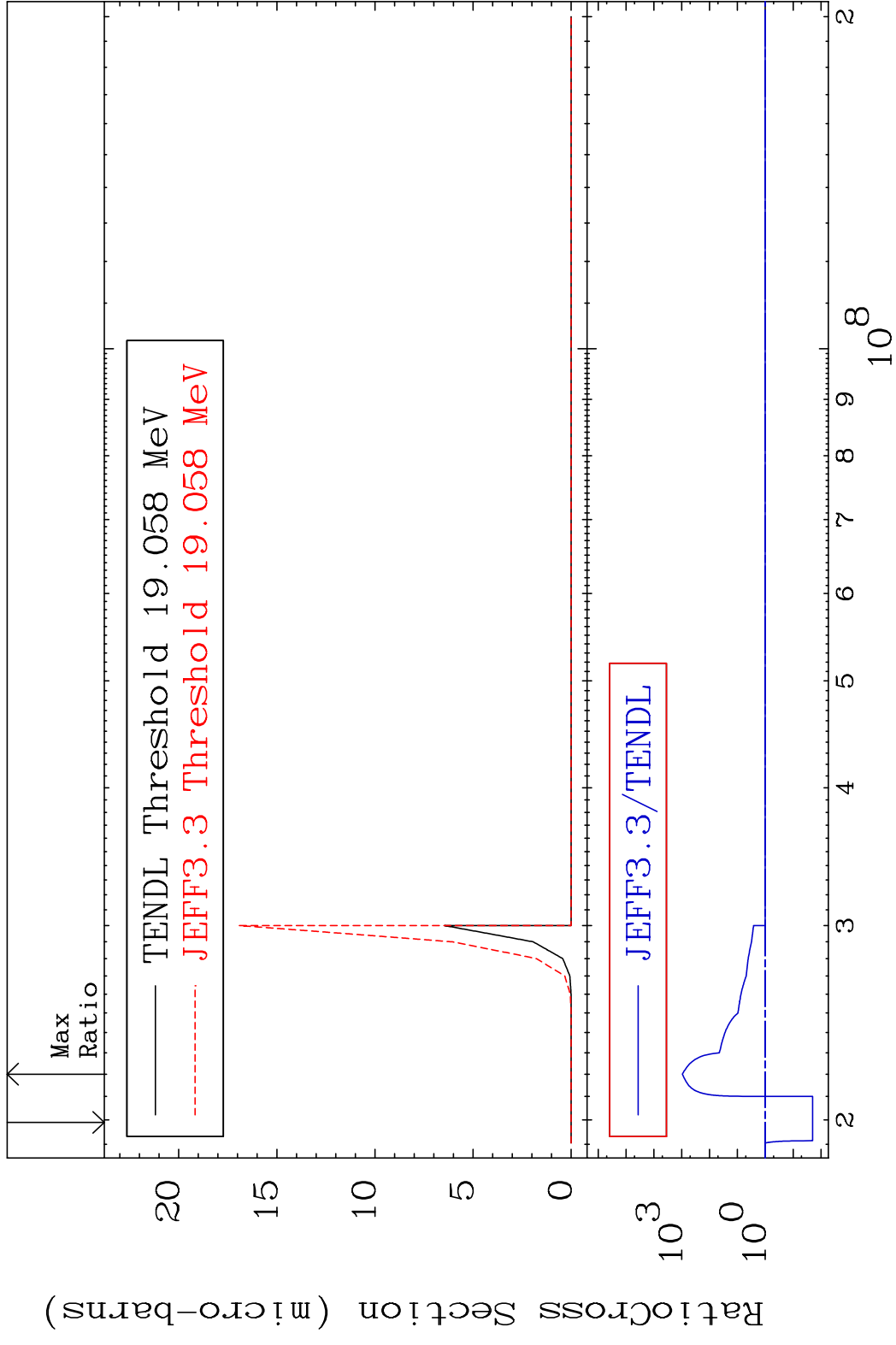


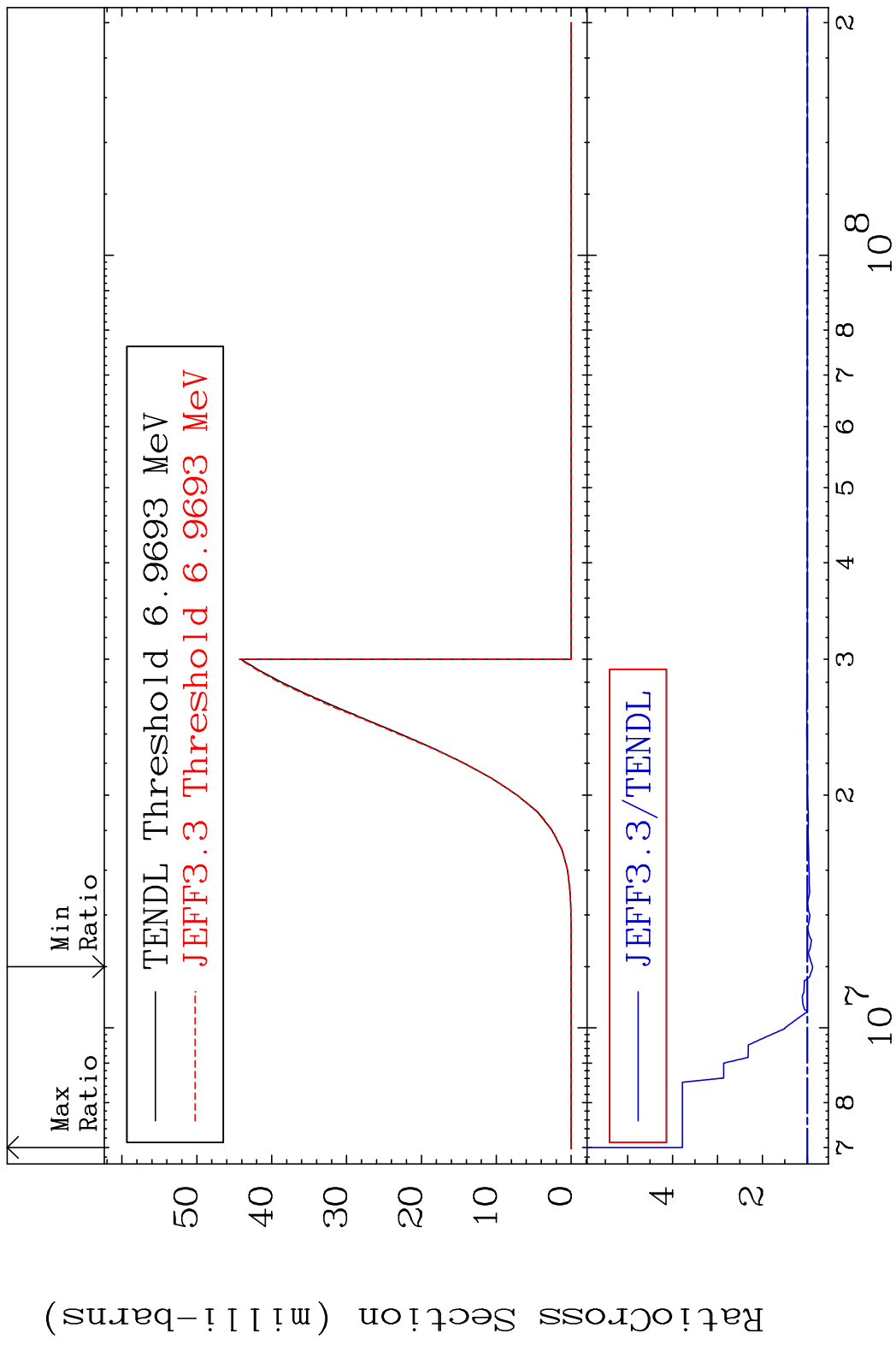


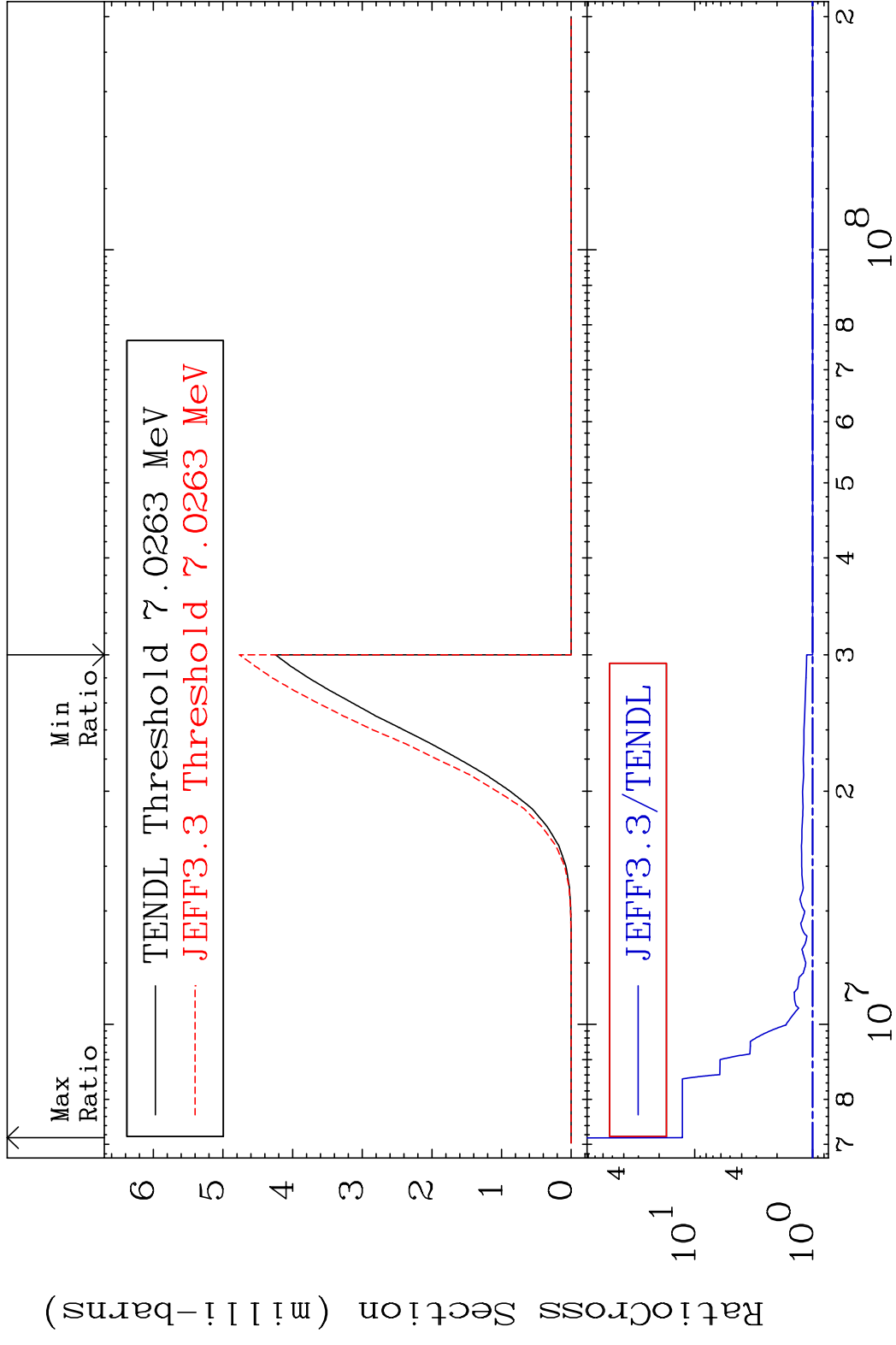
MAT 7834 (n,2n) d:77-Ir-190g 78-Pt-193
 Radionuclide Production Cross Section Ratio 9999. %

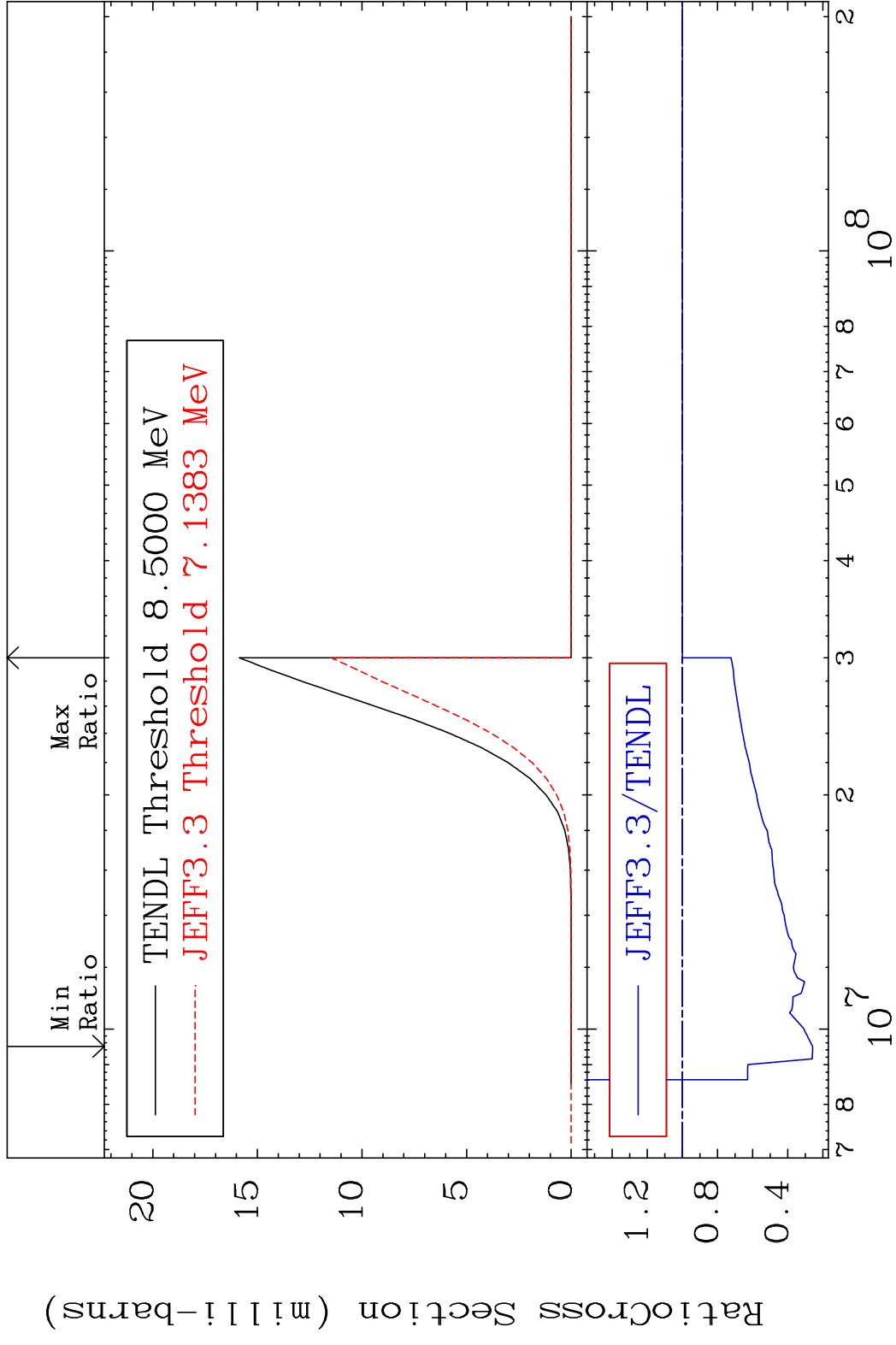


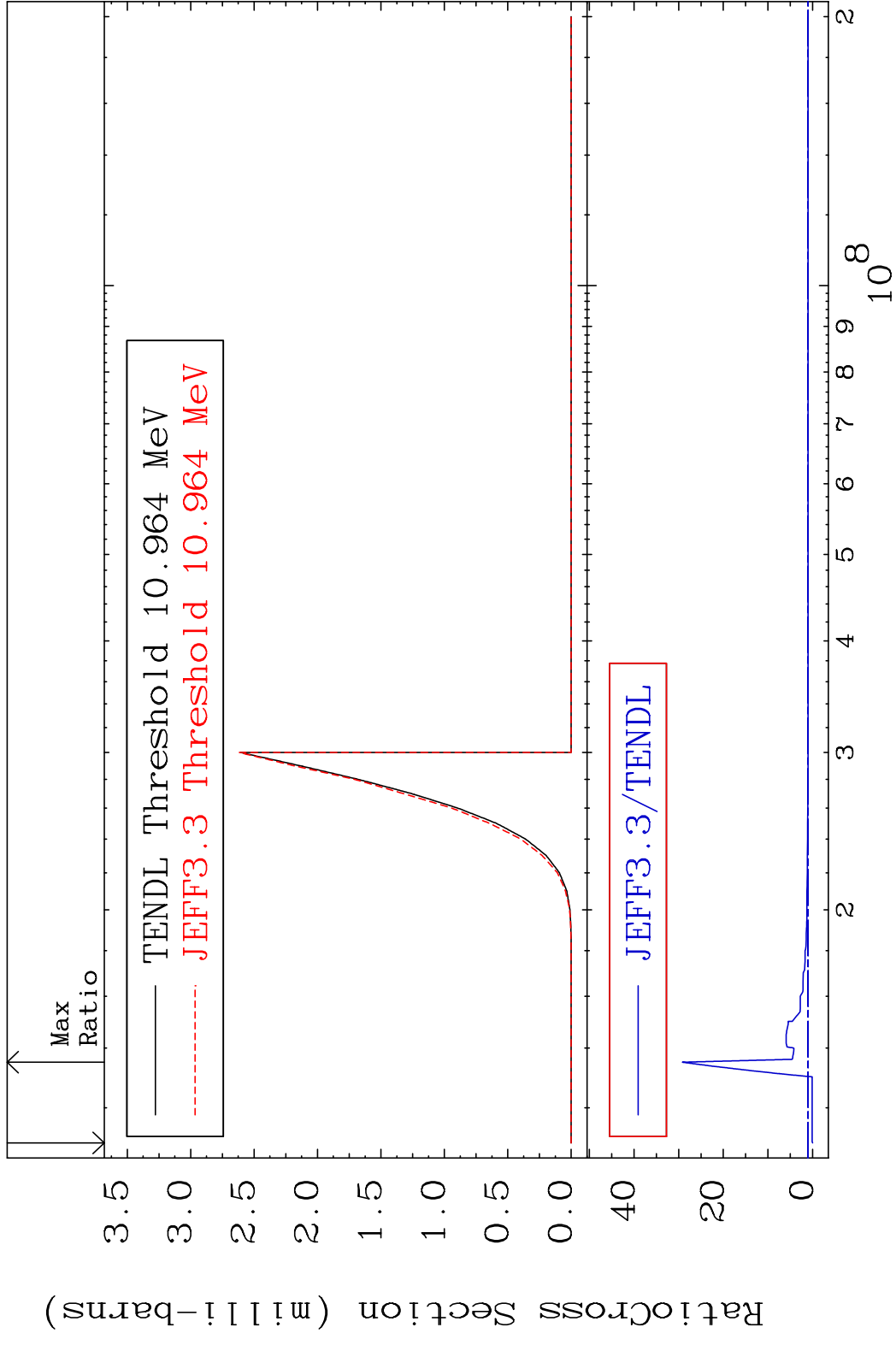
MAT 7834 (n,2n) d:77-Ir-190m2 78-Pt-193
 Radionuclide Production Cross Section to 9999. %

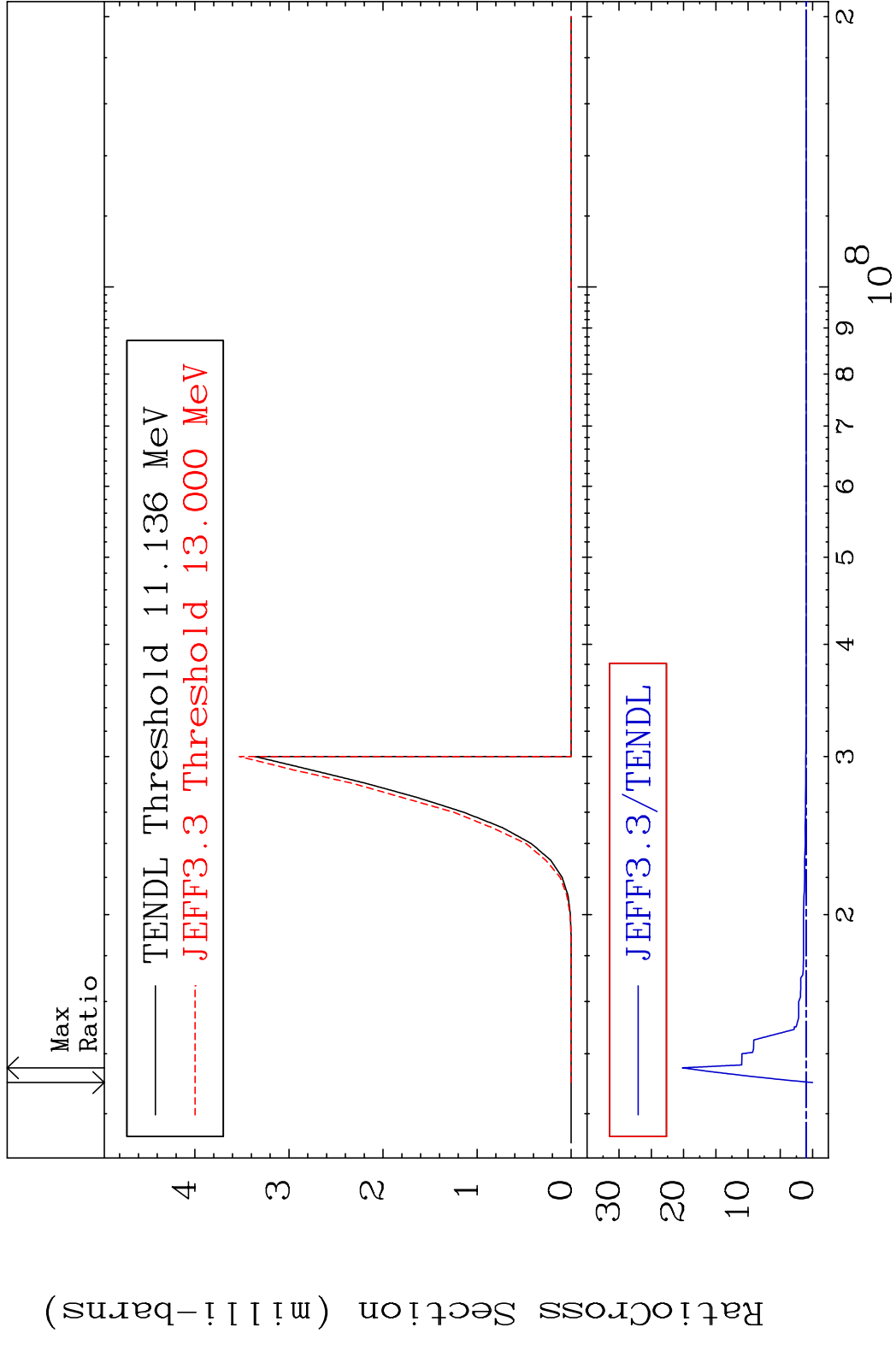




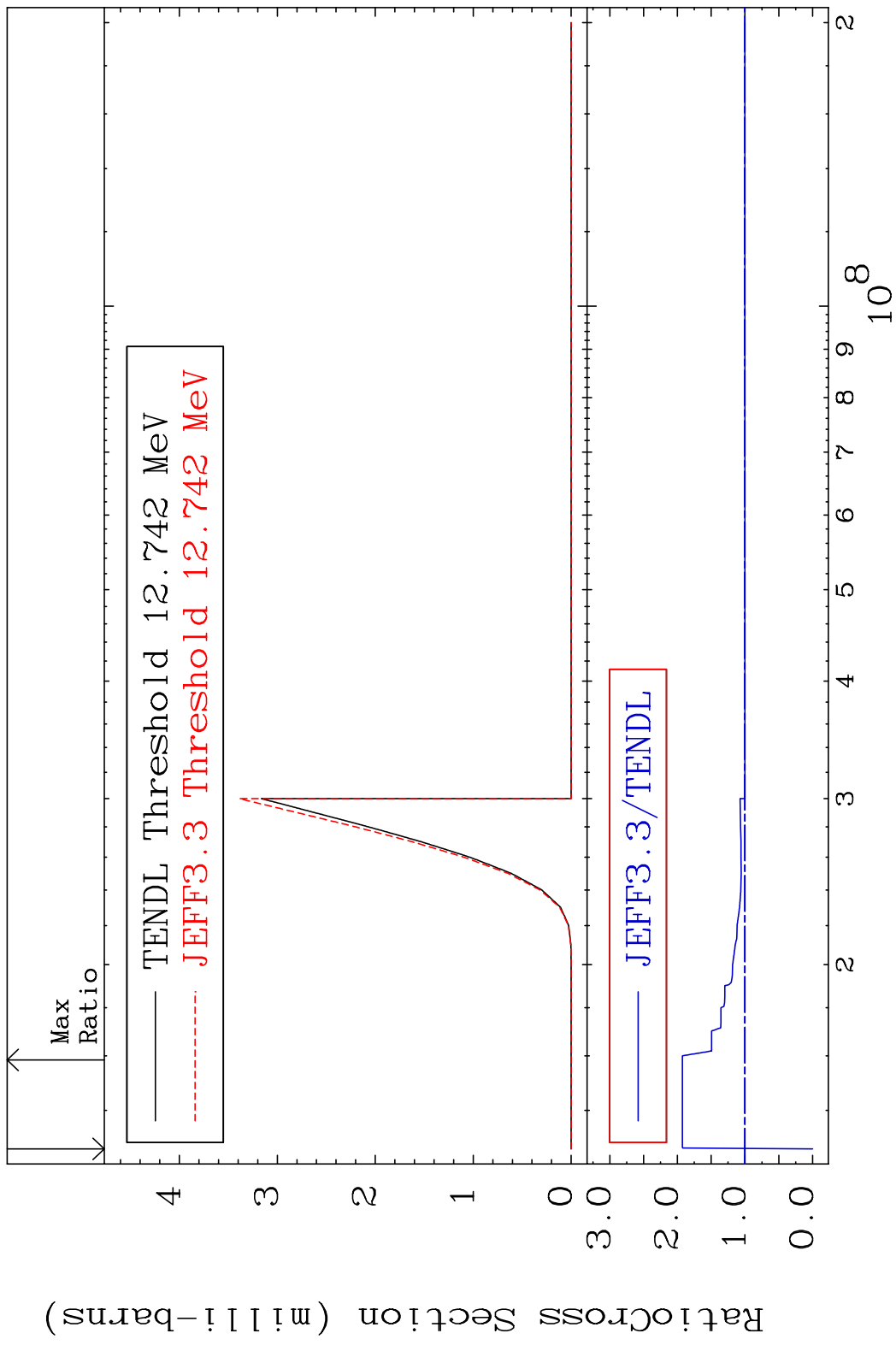




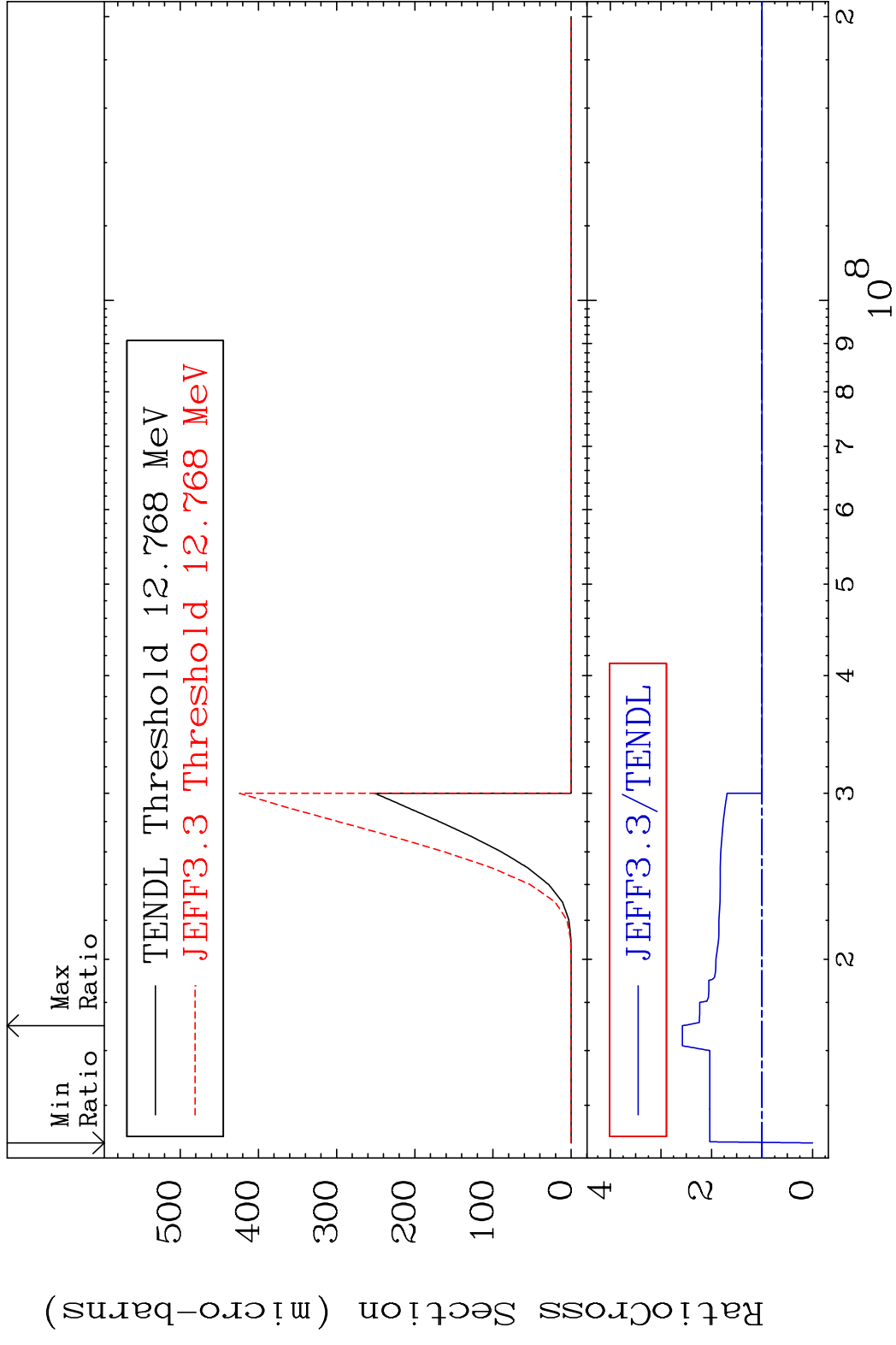




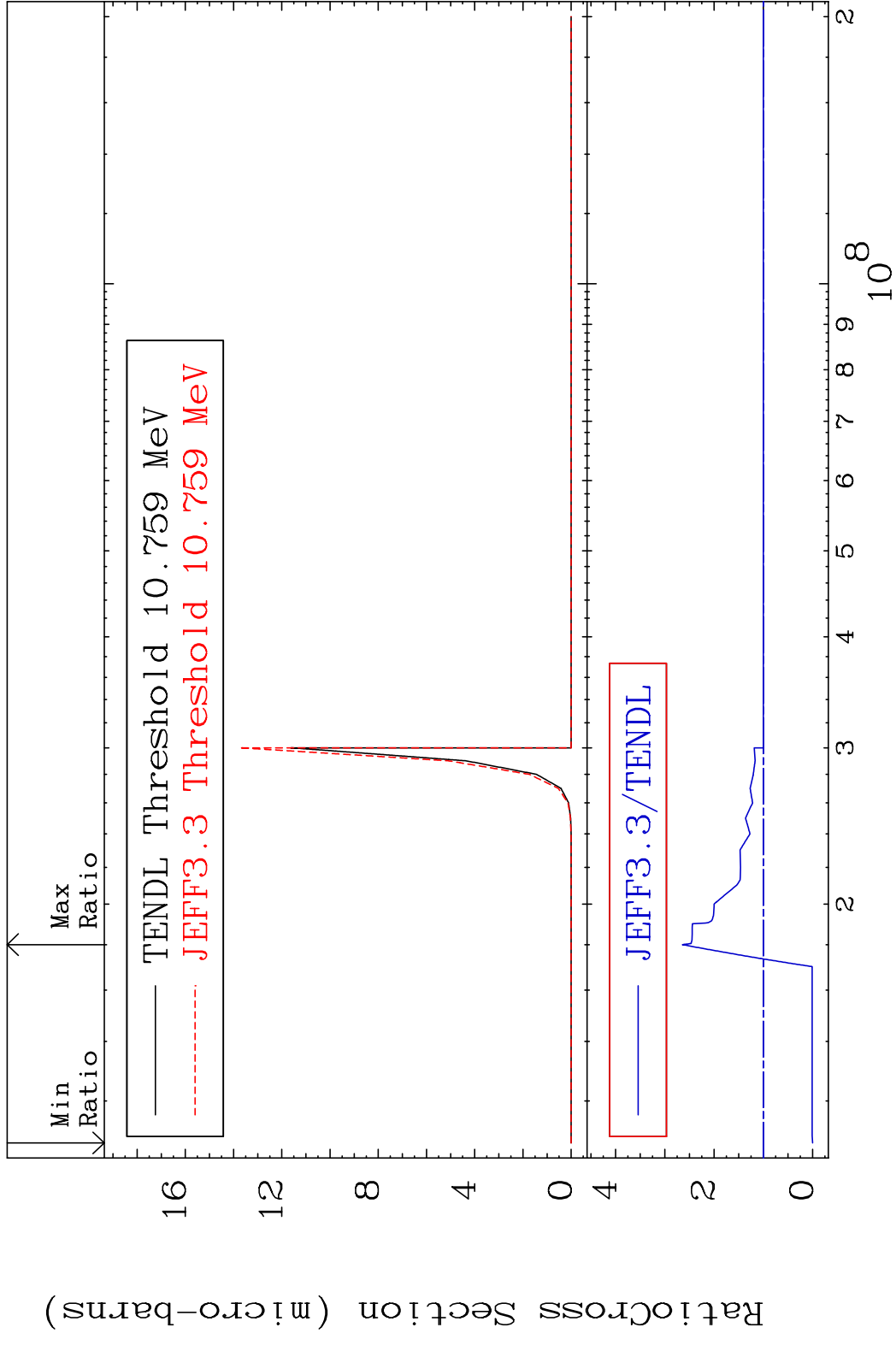
MAT 7834 (n, n') t:77-Ir-190g 78-Pt-193
 Radionuclide Production Cross Section 180.01 dth 92.67 %

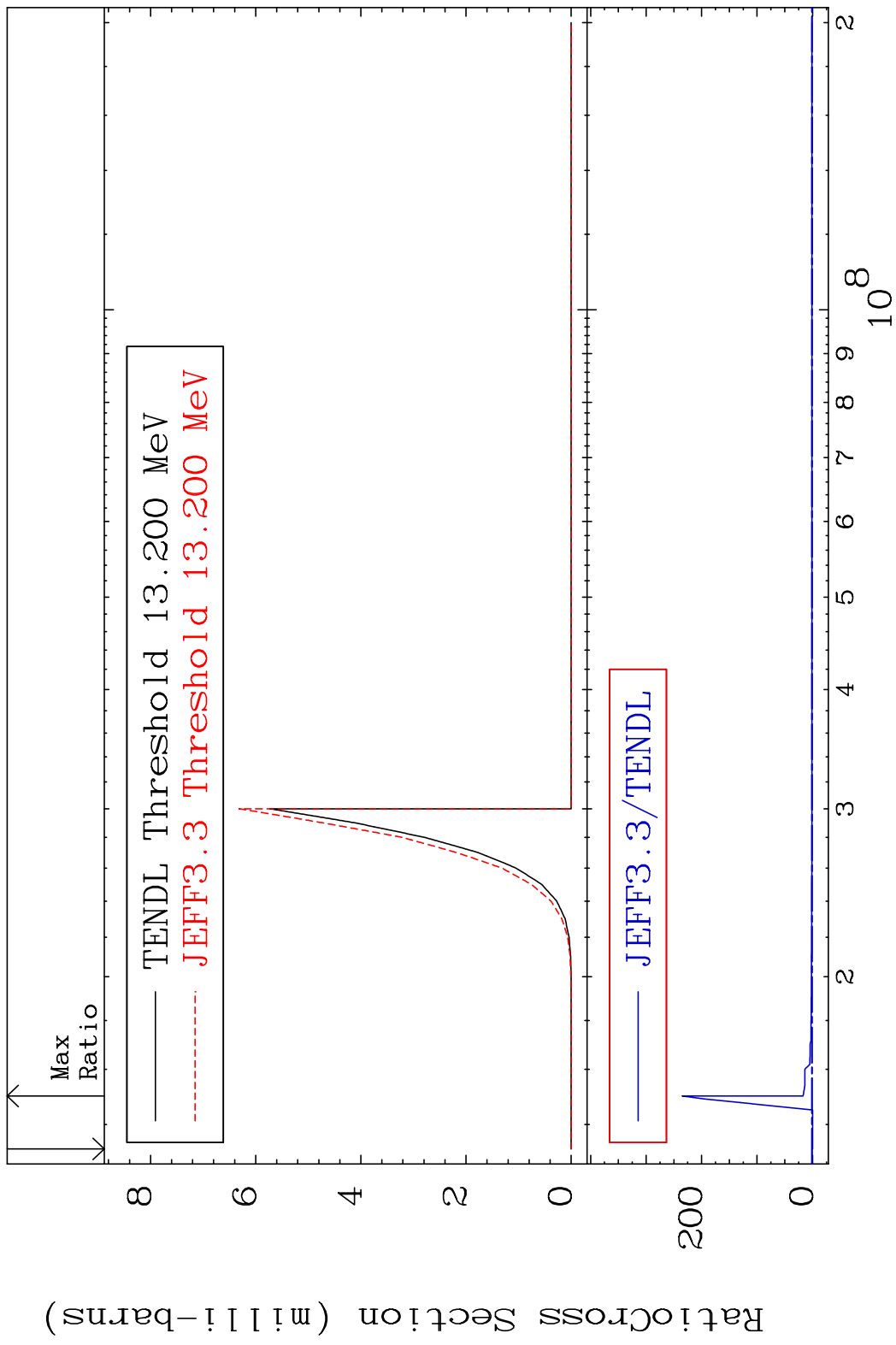


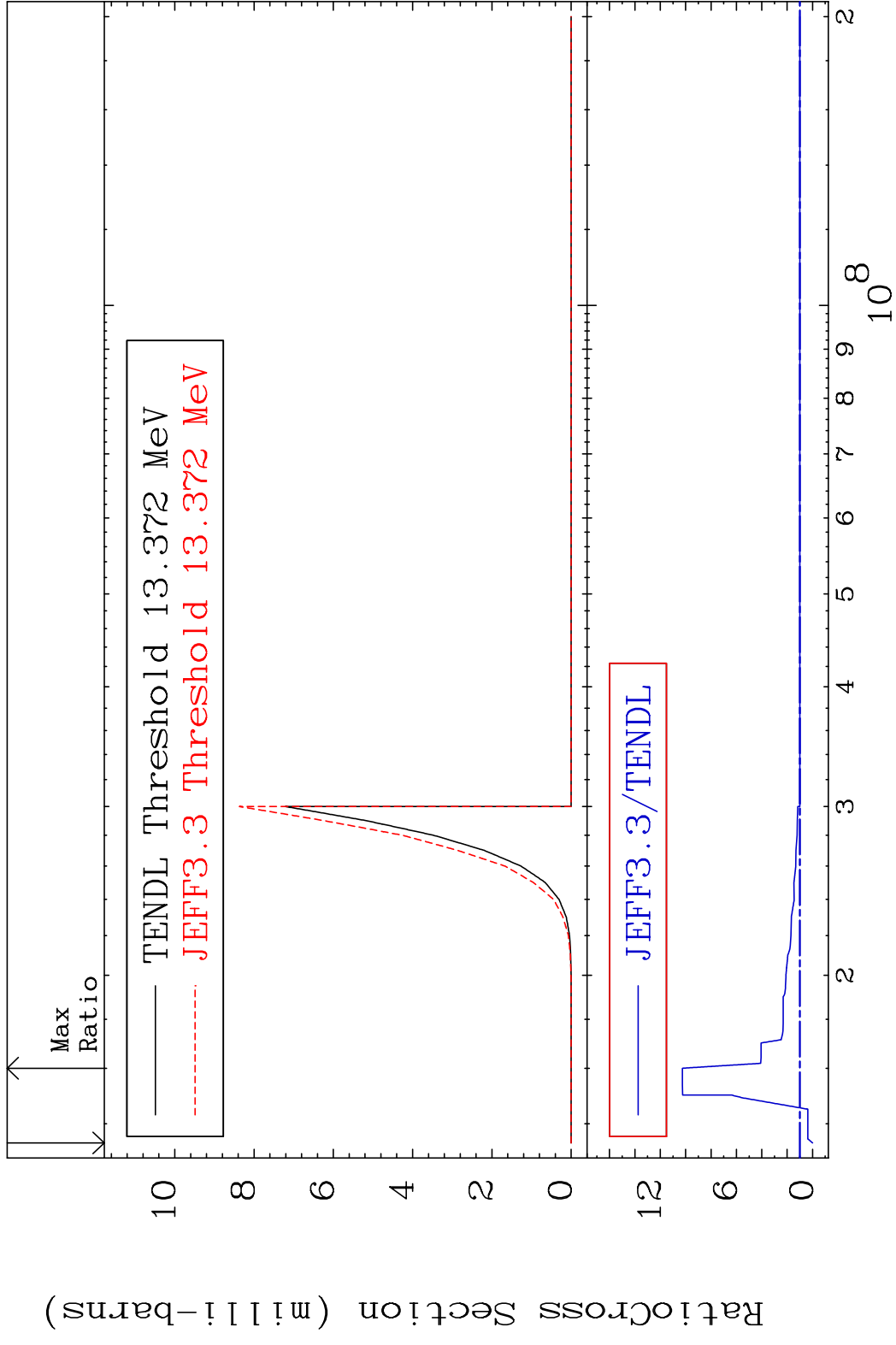
MAT 7834 (n, n') t:77-Ir-190m2 78-Pt-193
 Radionuclide Production Cross Section 157.6 %

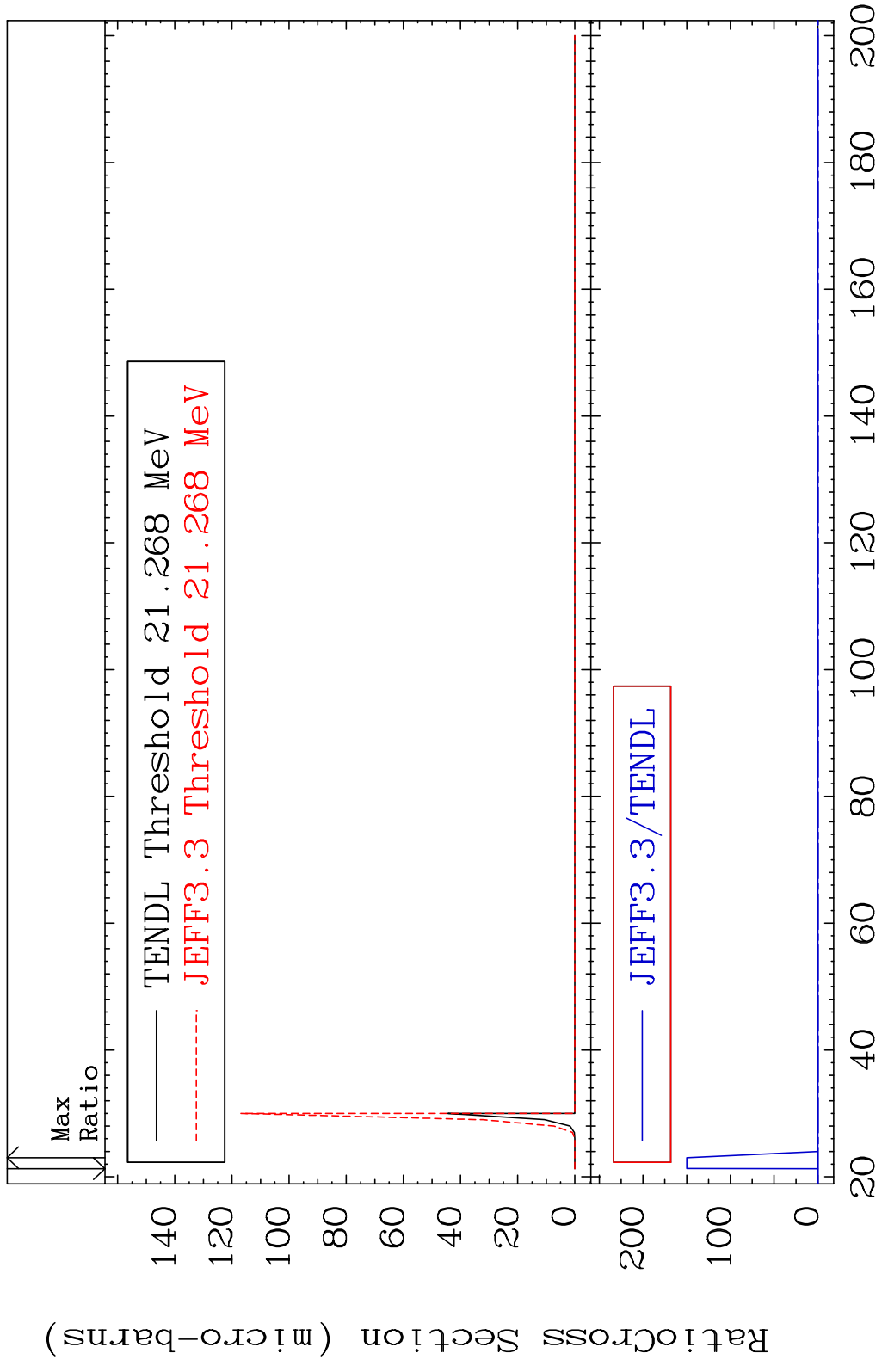


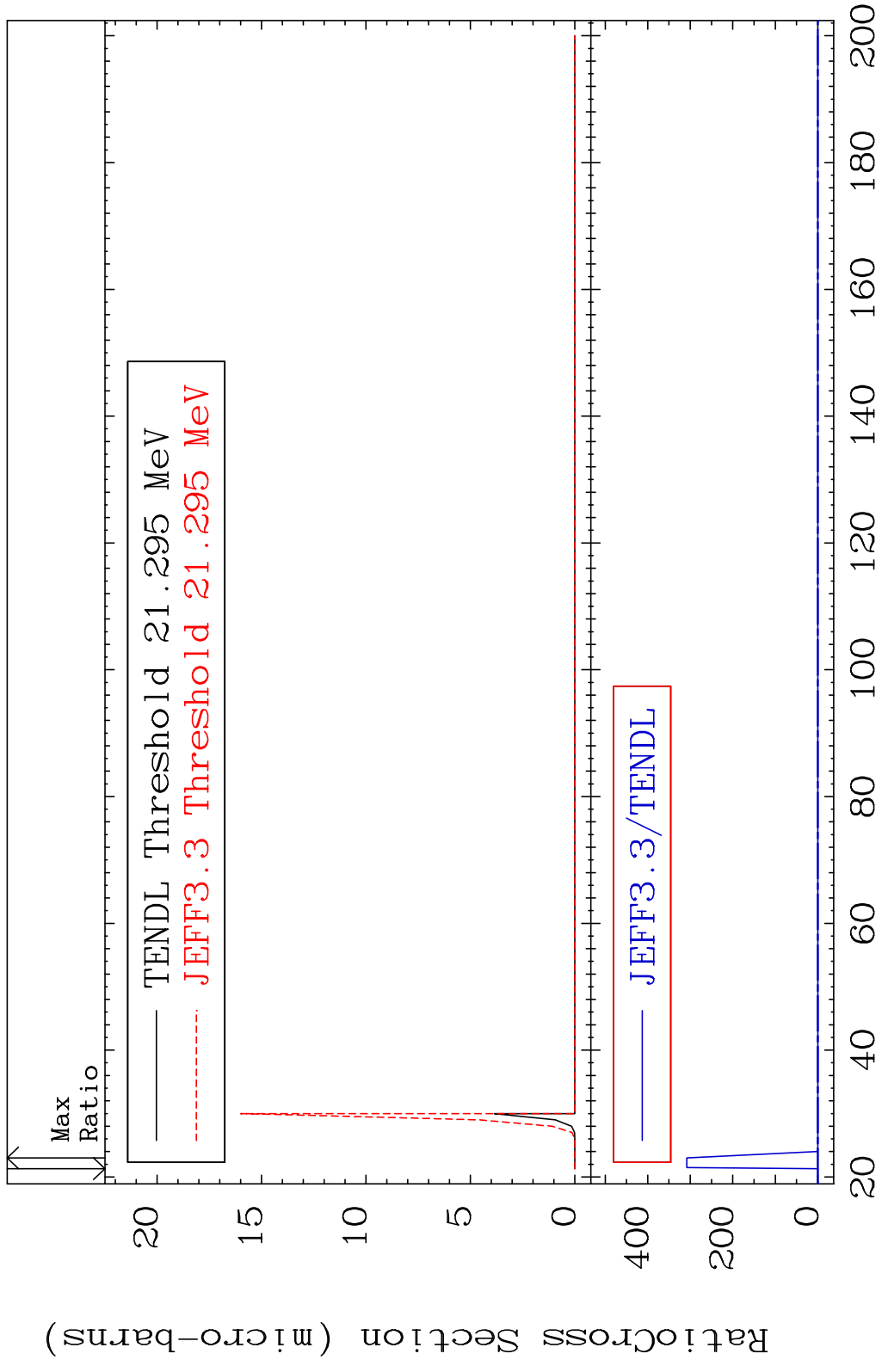
MAT 7834 (n, n') He-3:76-0s-190g 78-Pt-193
 Radionuclide Production Cross Section 180.0 d to 164.5 %

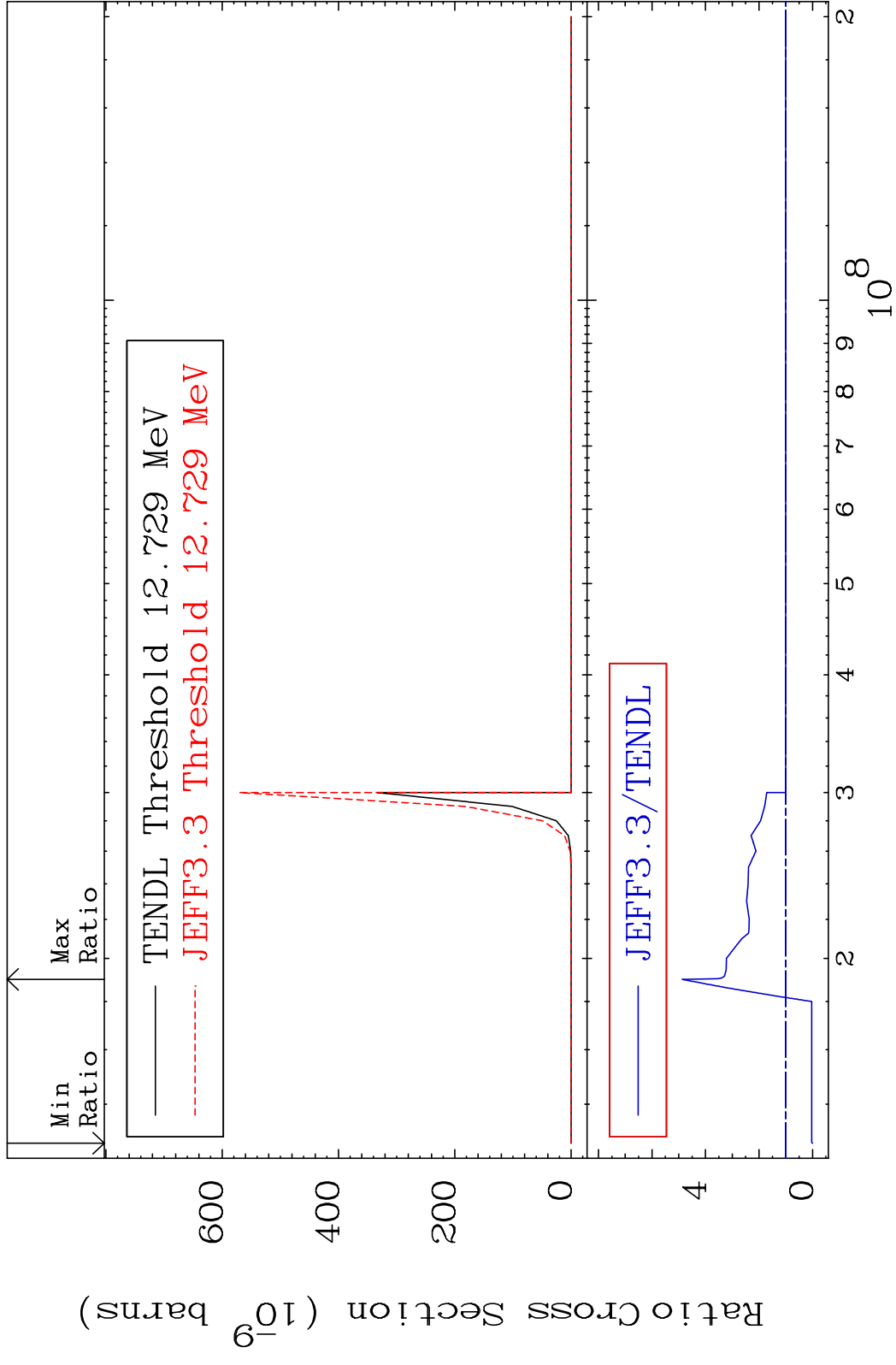


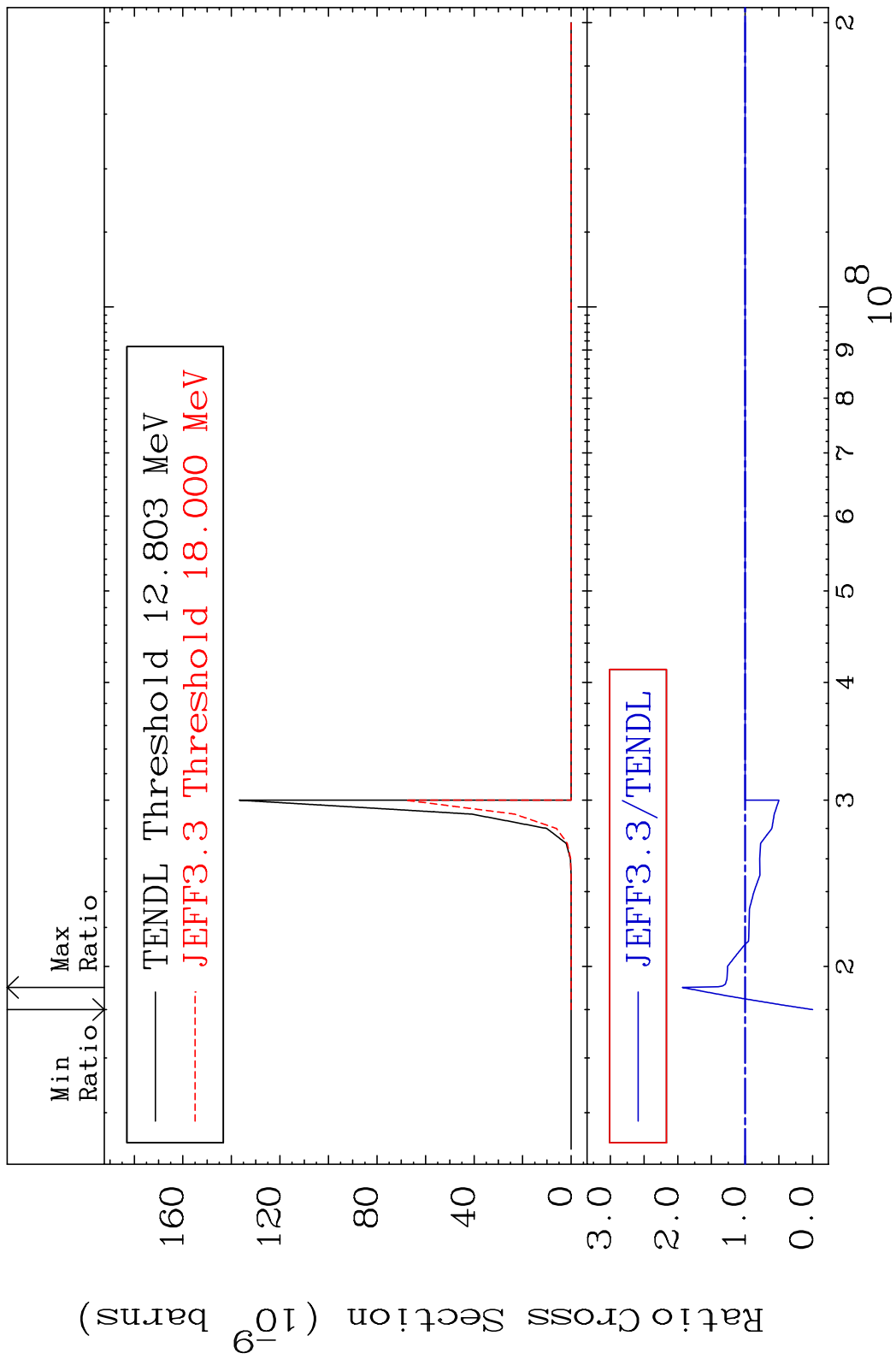


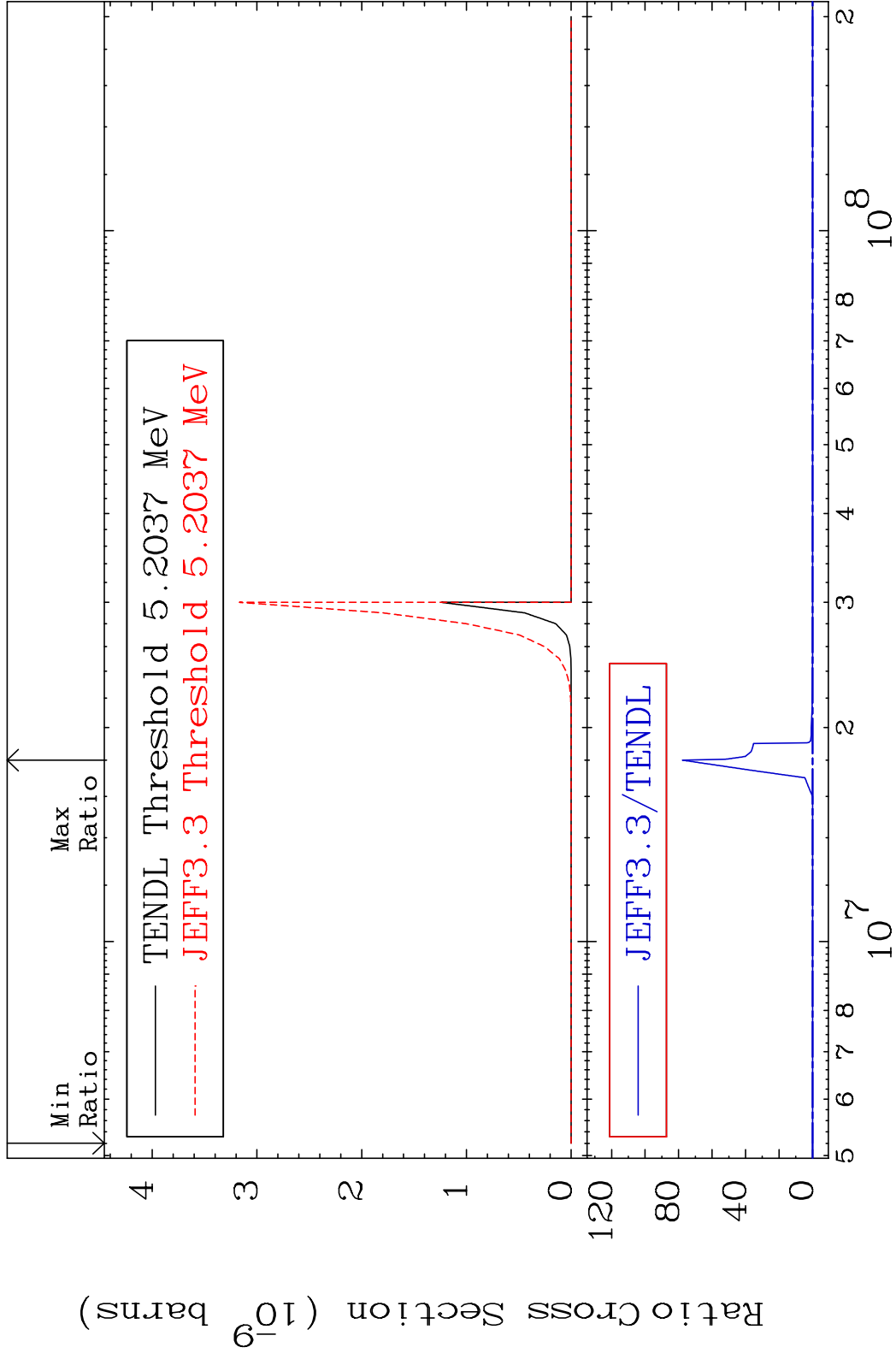


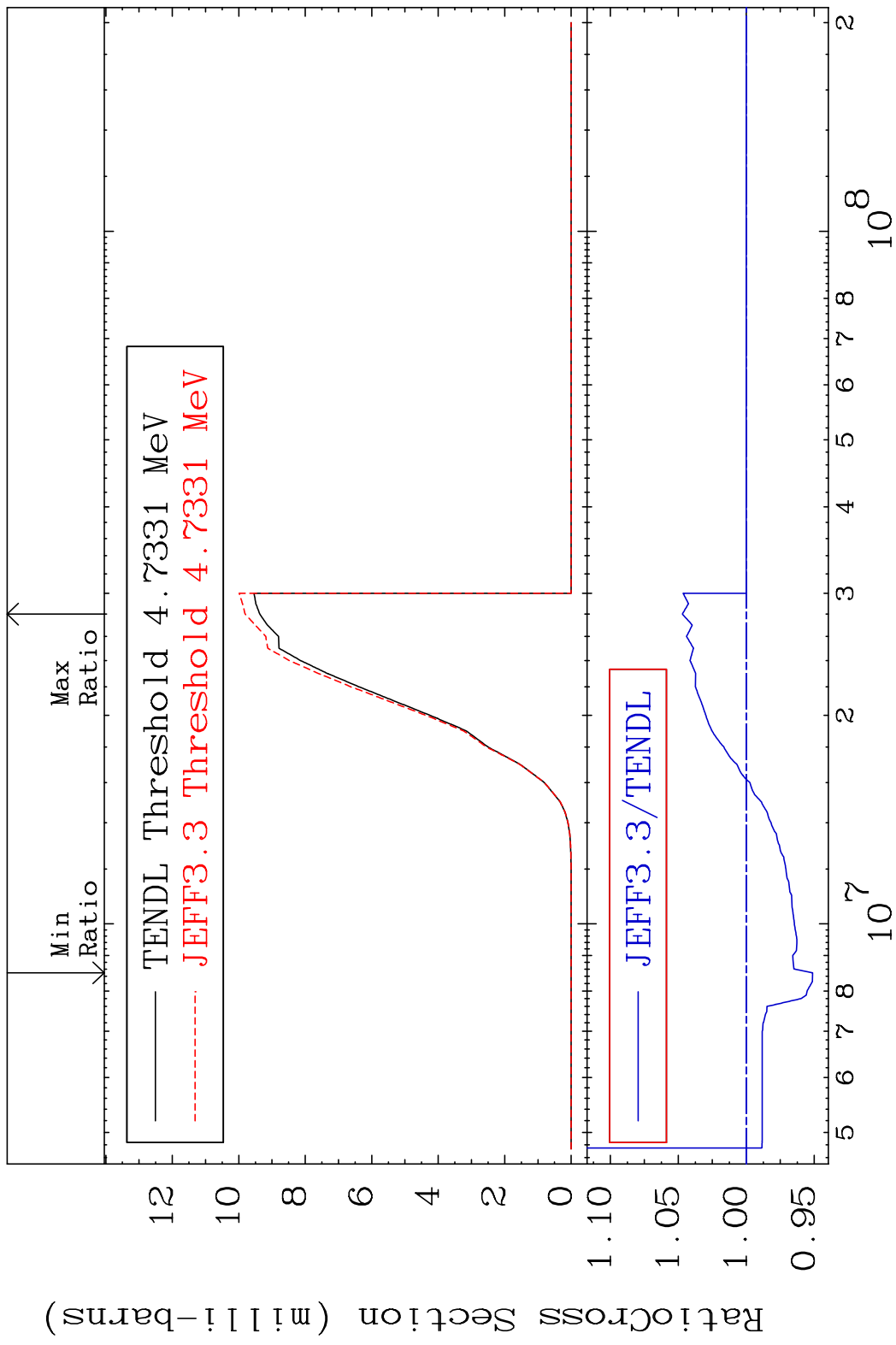


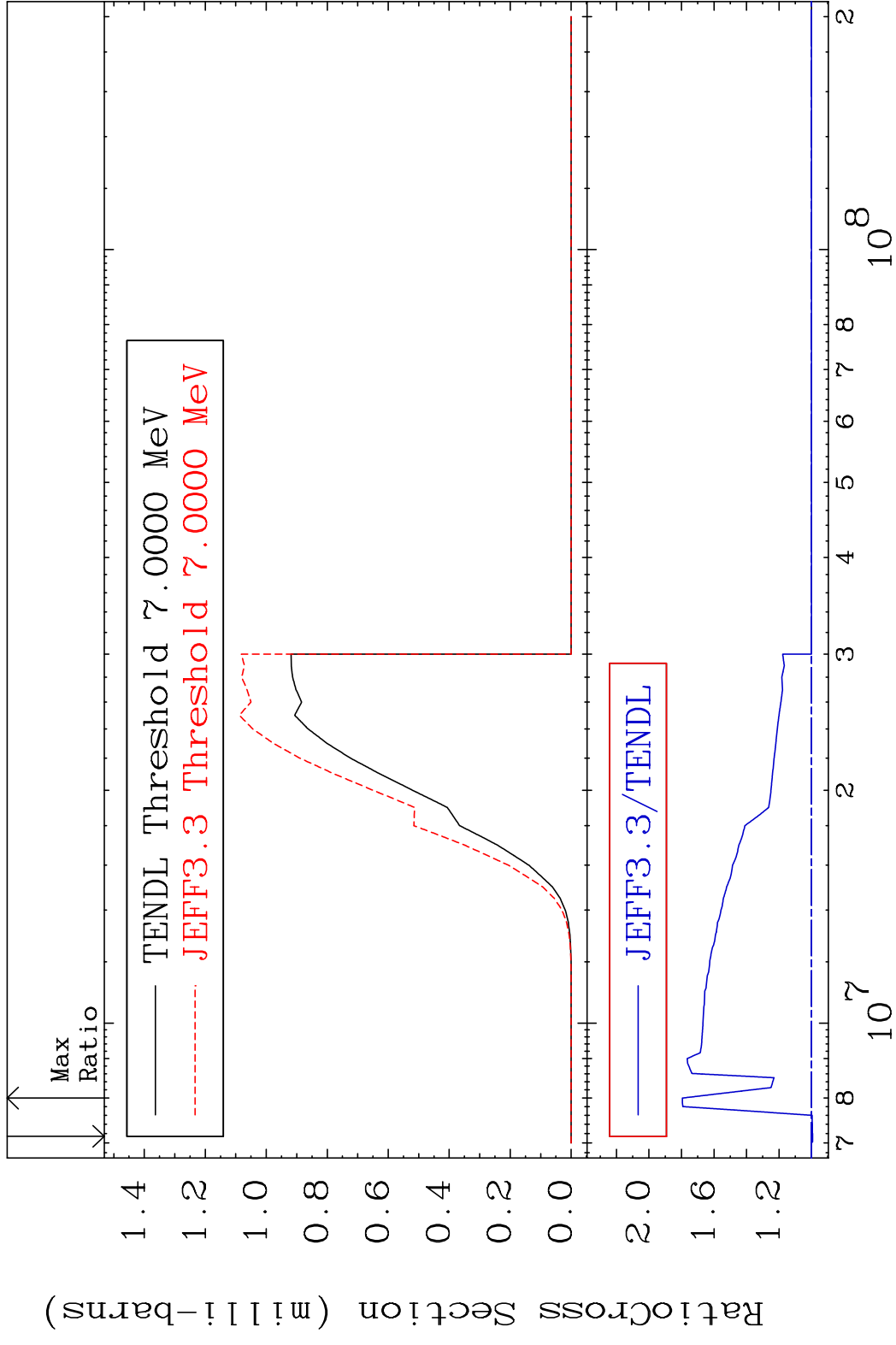




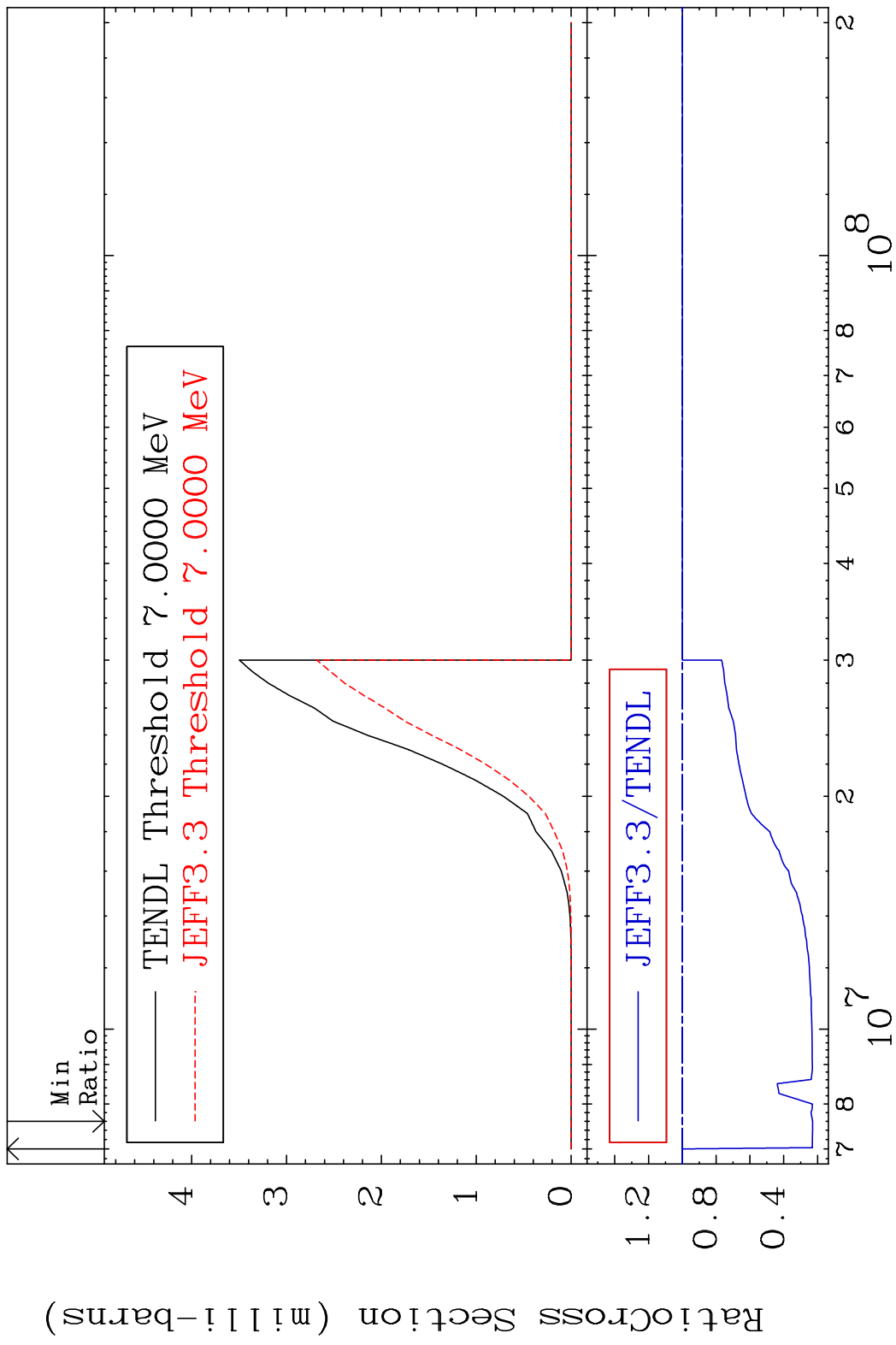


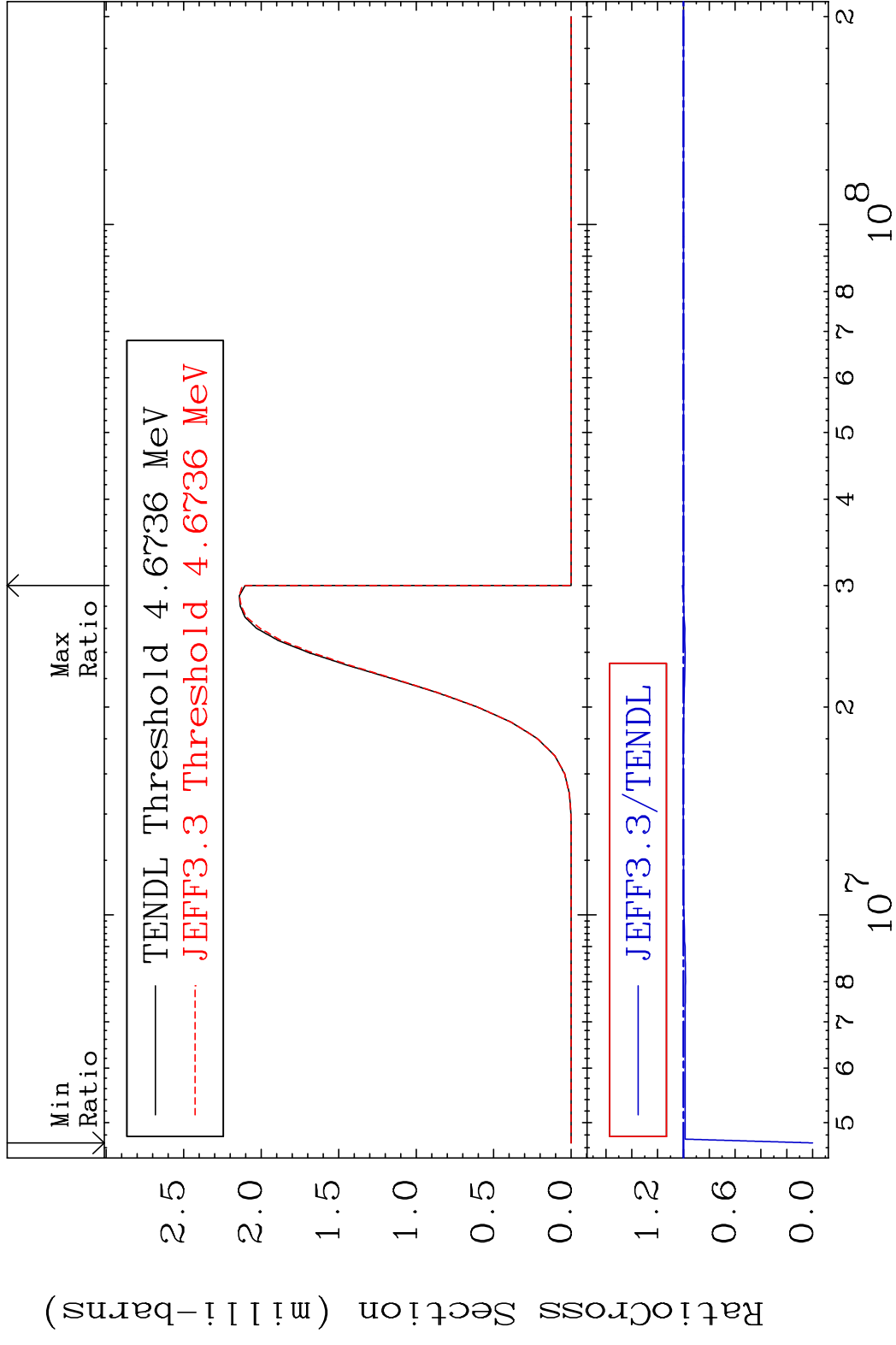




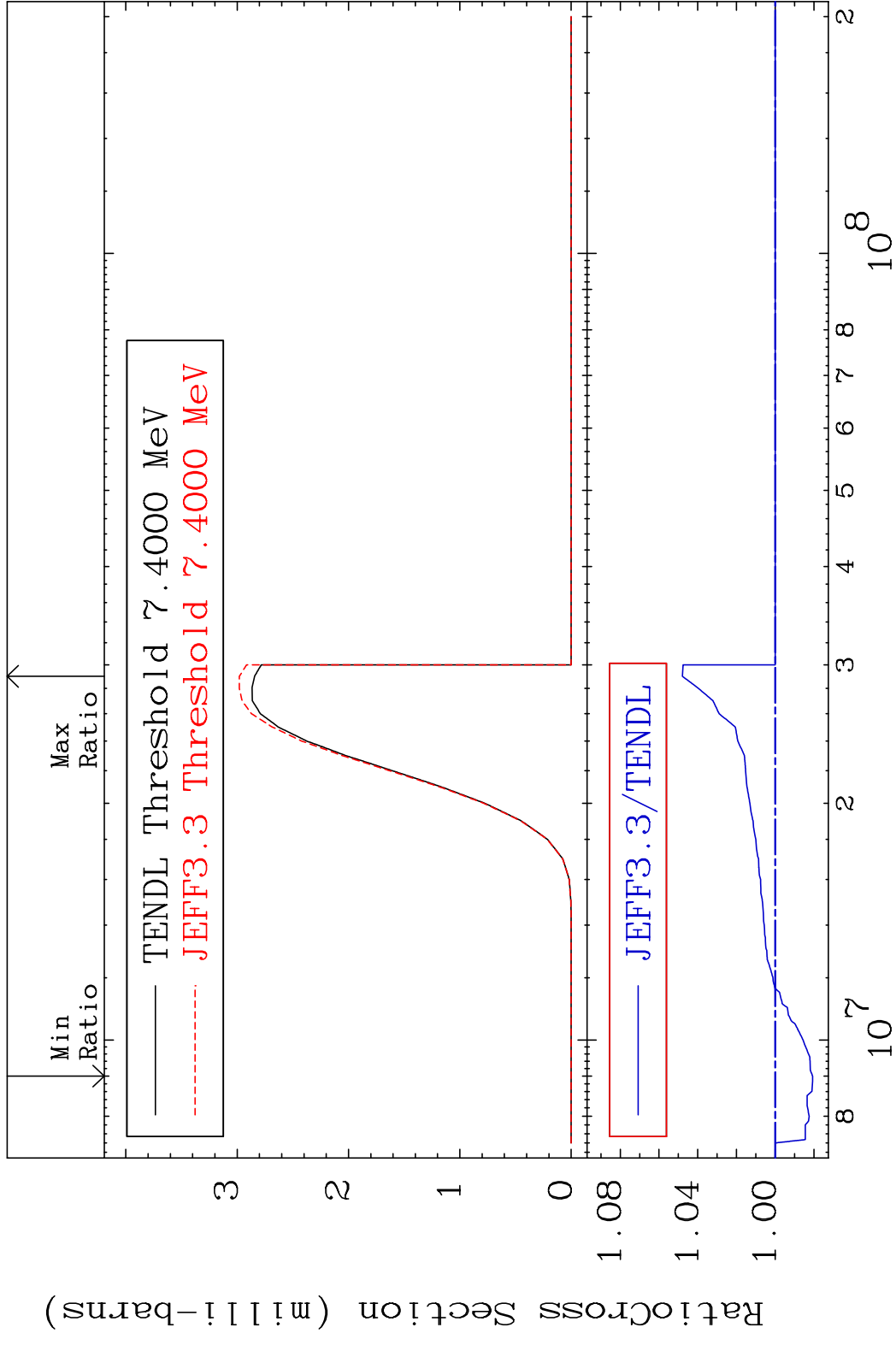


MAT 7834 (n, d): 77-Ir-192m15 78-Pt-193
 Radionuclide Production Cross Section 0.000 %

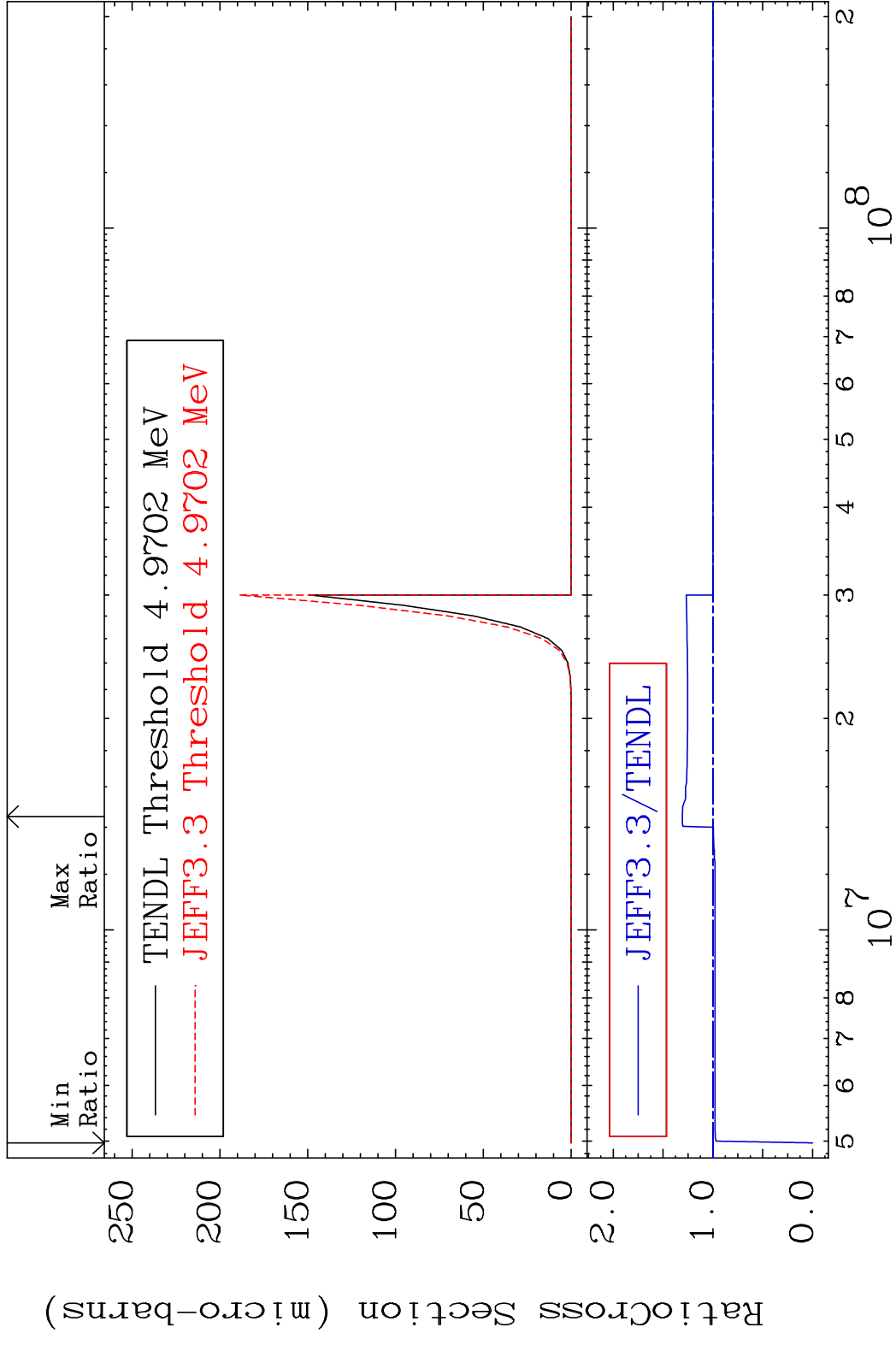


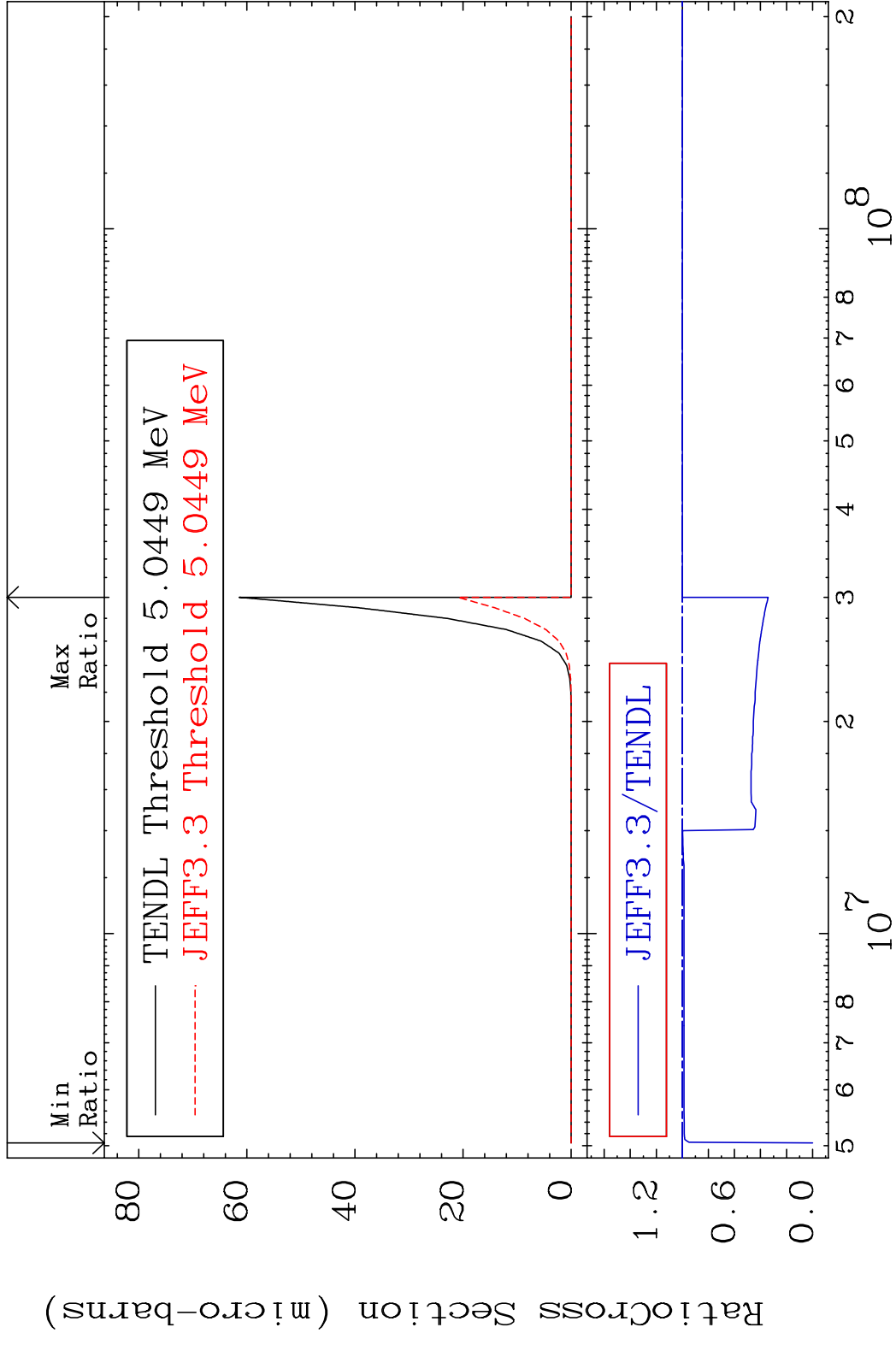


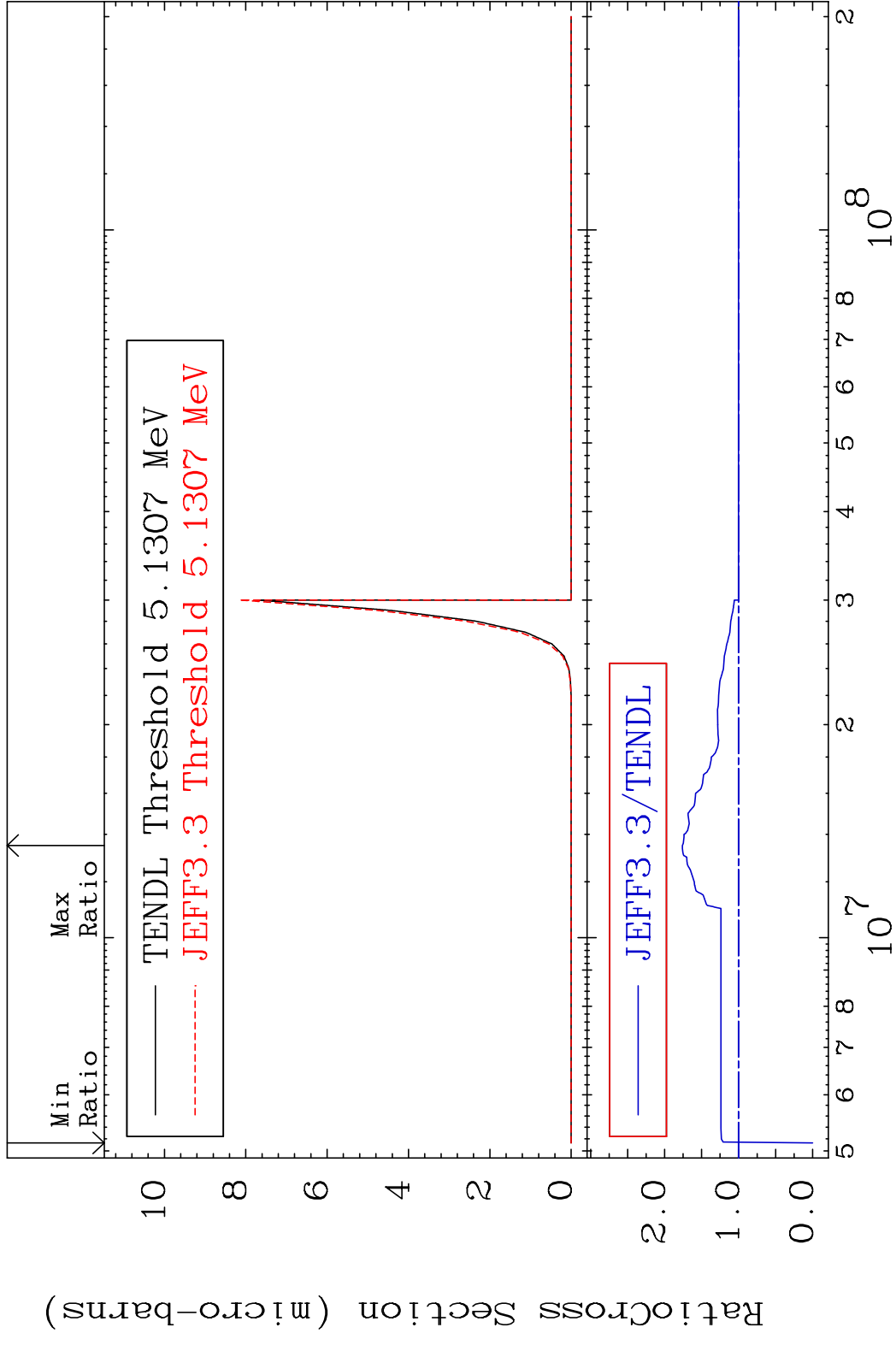
MAT 7834 (n, t): 77-Ir-191m3 78-Pt-193
 Radionuclide Production Cross Section 4.795 %

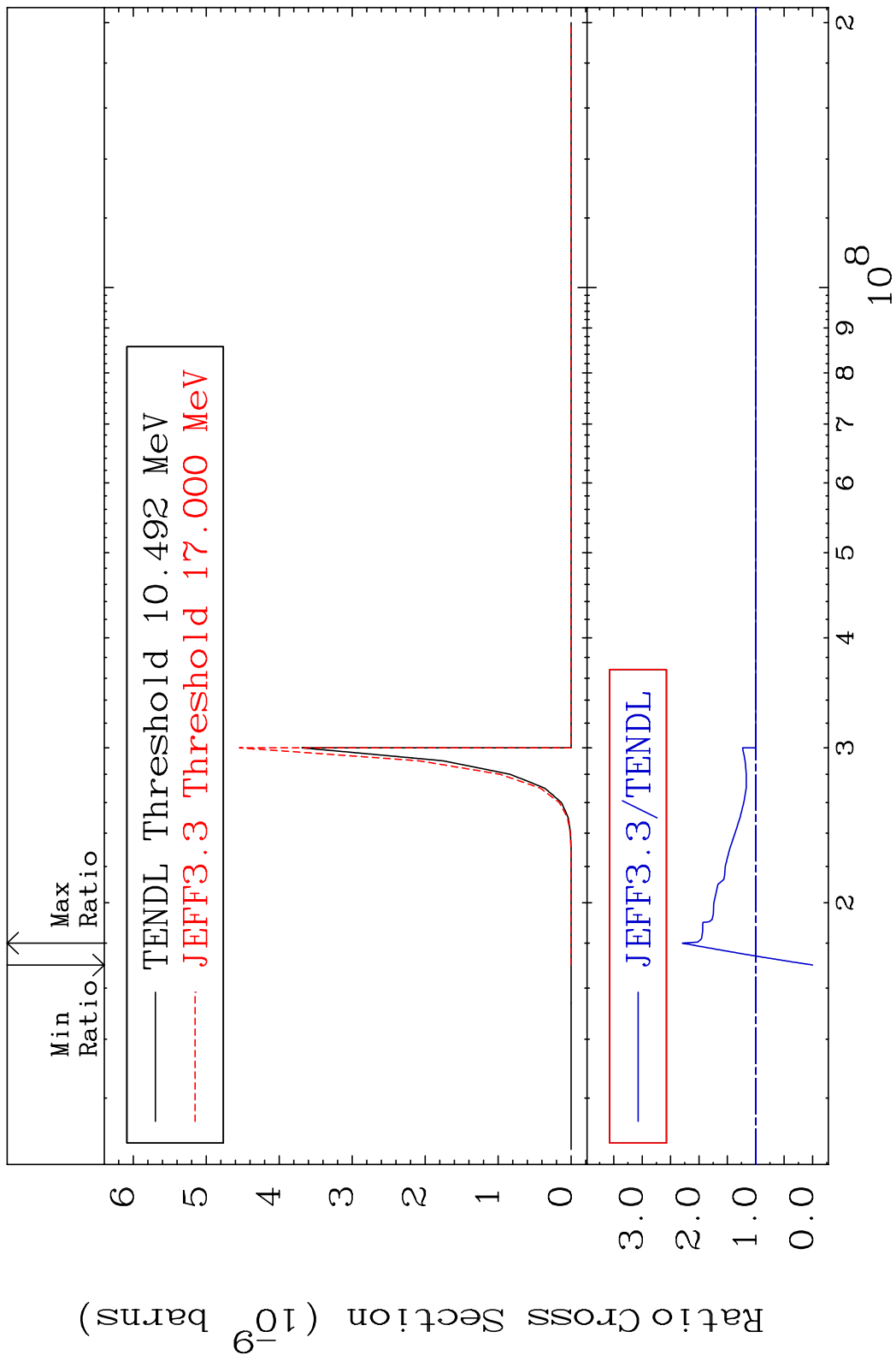


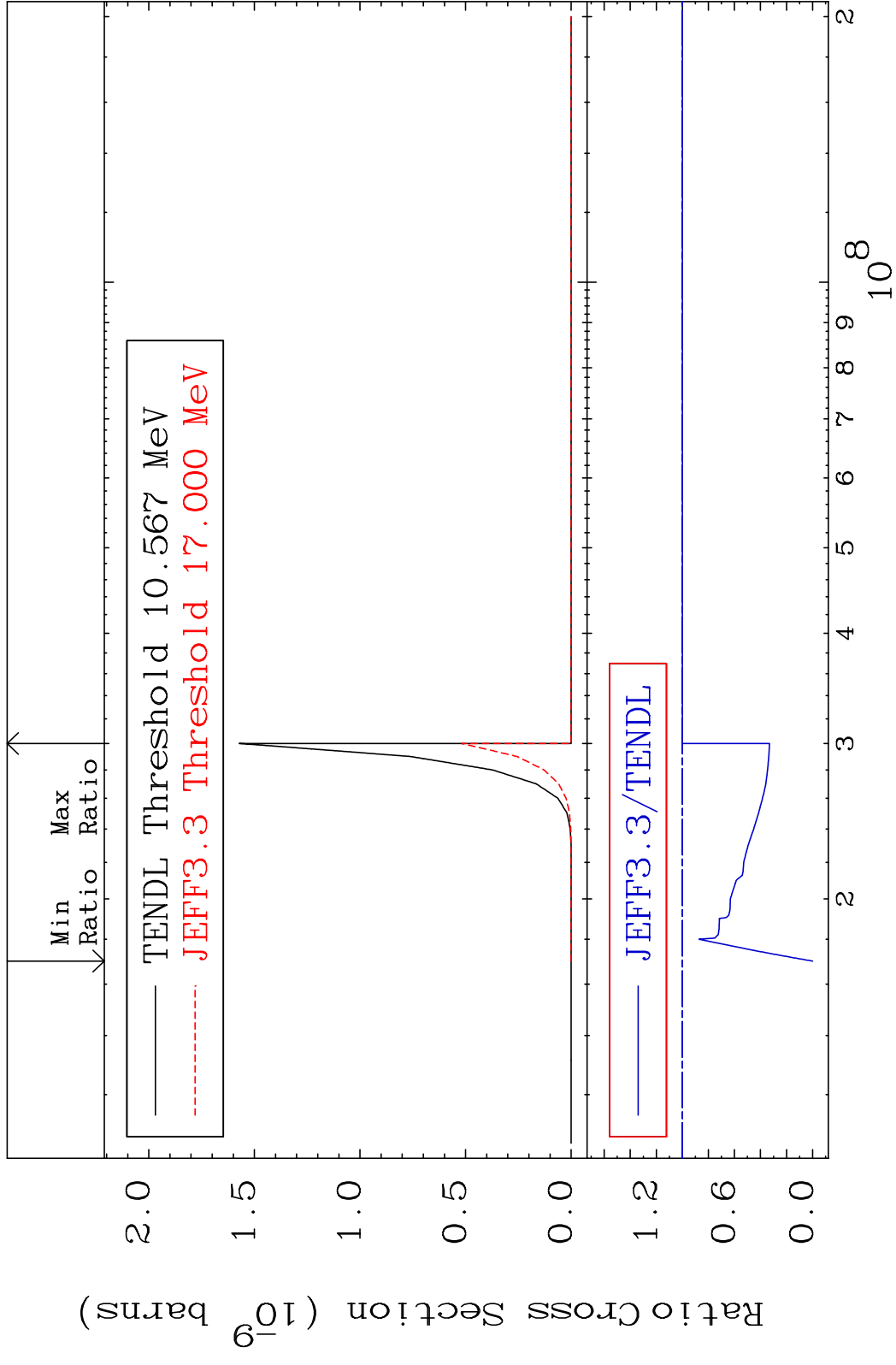
MAT 7834 (n, He-3): 76-Os-191g 78-Pt-193
 Radionuclide Production Cross Section Ratio 30.65 %



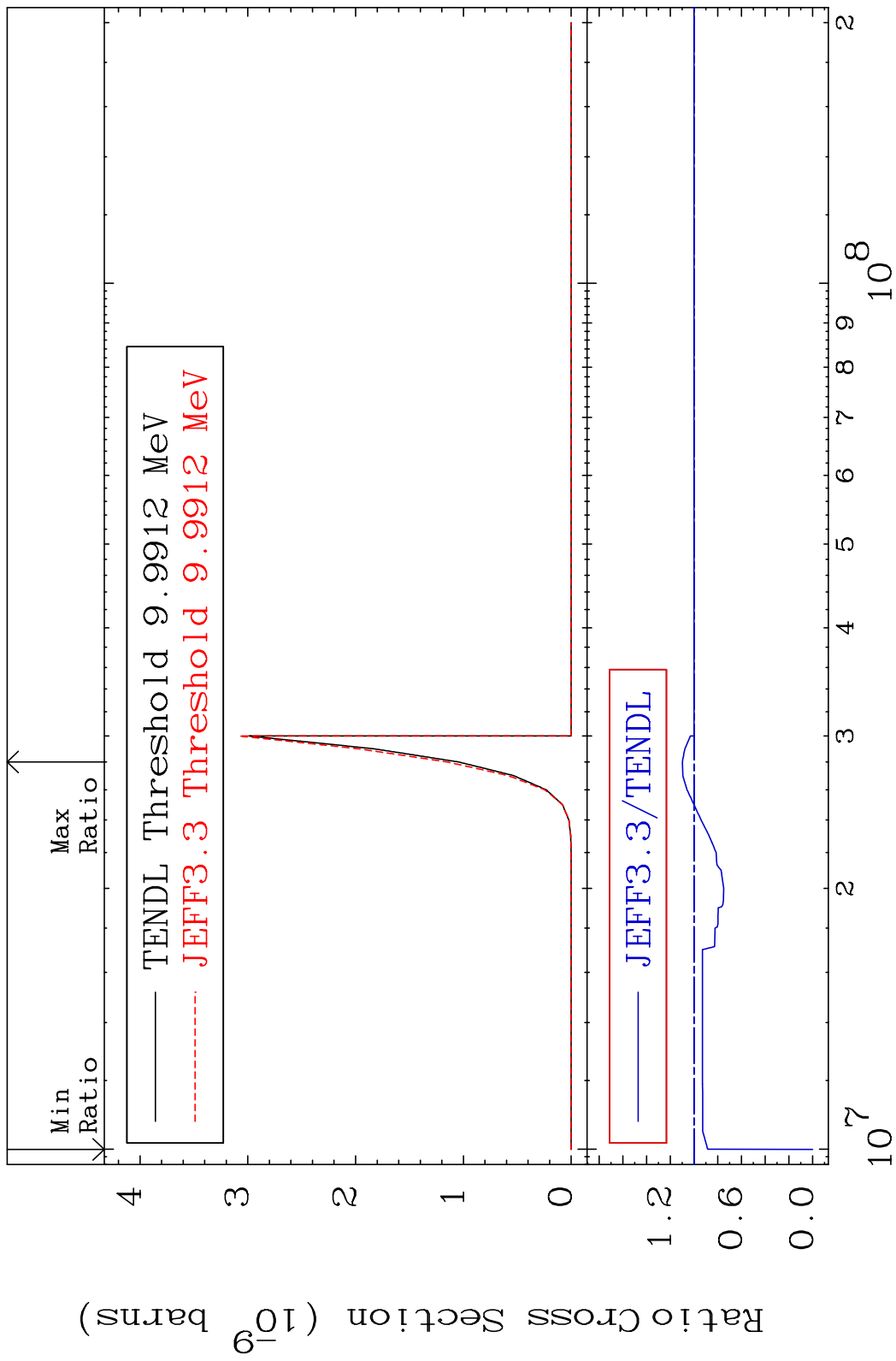








MAT 7834 (n,p) t:76-0s-190g 78-Pt-193
 Radionuclide Production Cross Section Ratio 9.877 %



96 Incident Energy (eV) 78-Pt-193