

Program Complot
(Version 2021-1)

by

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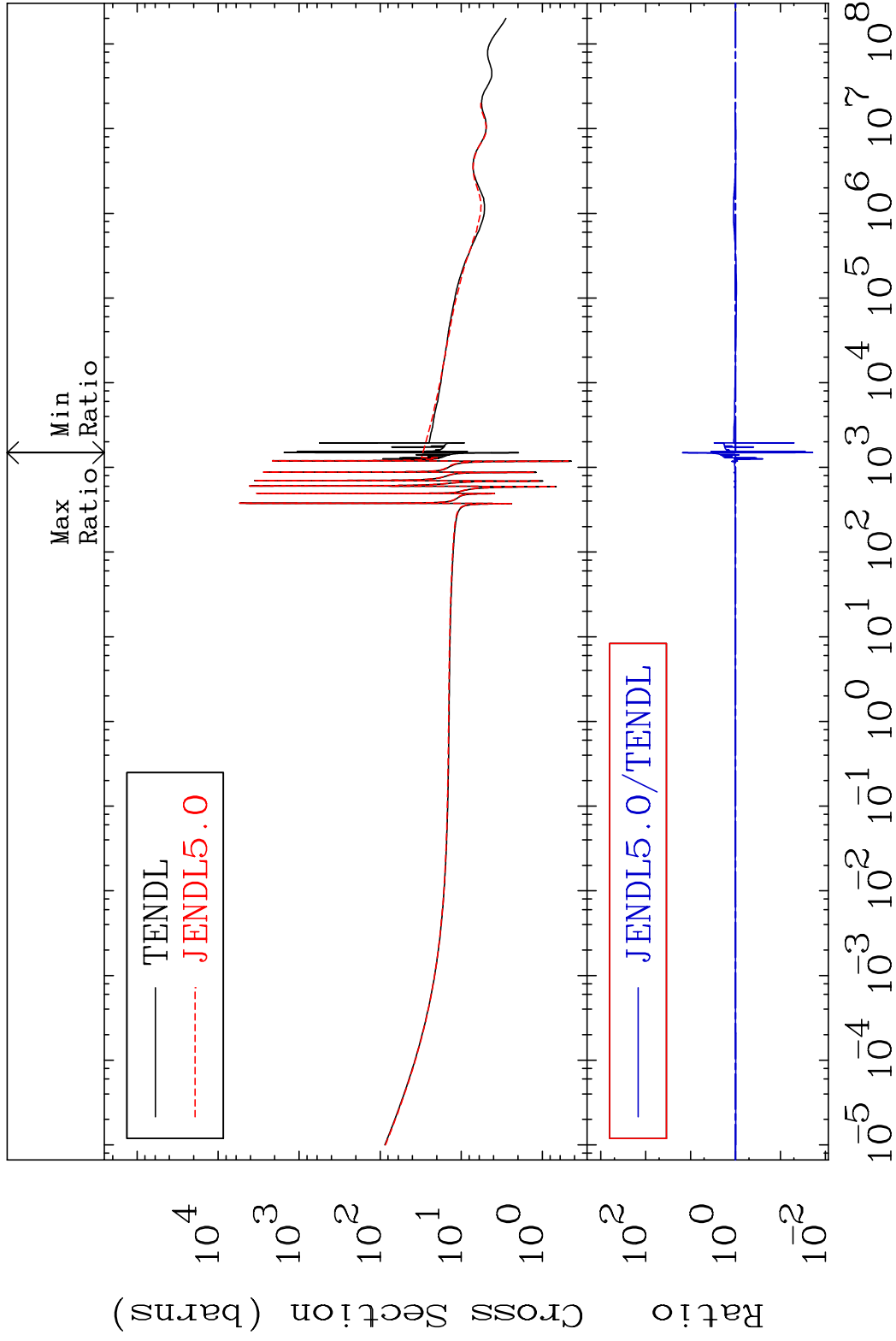
Press Mouse Button to Start

MAT 7837

Total

78-Pt-194

Cross Section -98.08 To 1427. %



1

Incident Energy (eV)

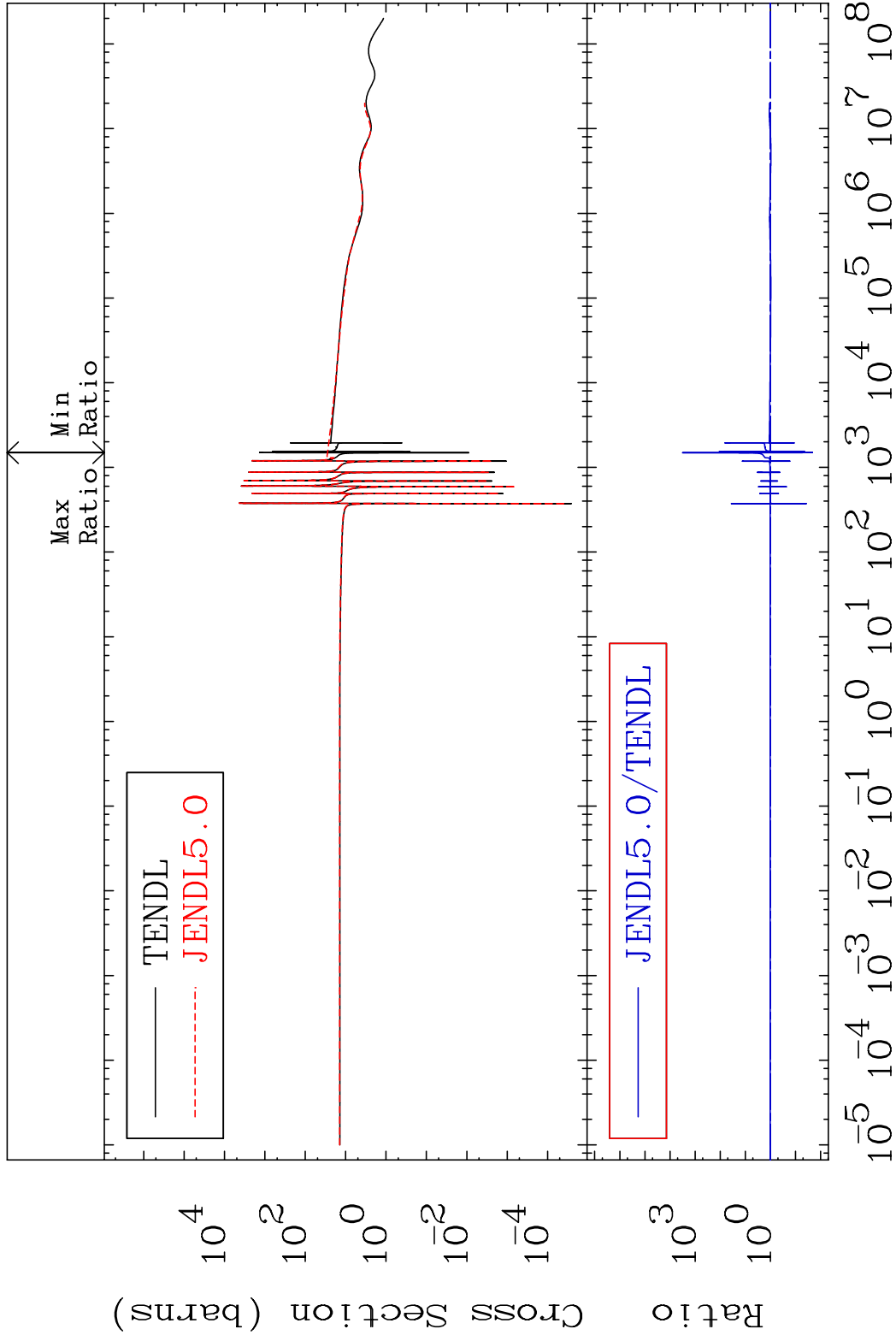
78-Pt-194

MAT 7837

Elastic

78-Pt-194

Cross Section -97.92 To 9999. %



2

Incident Energy (eV)

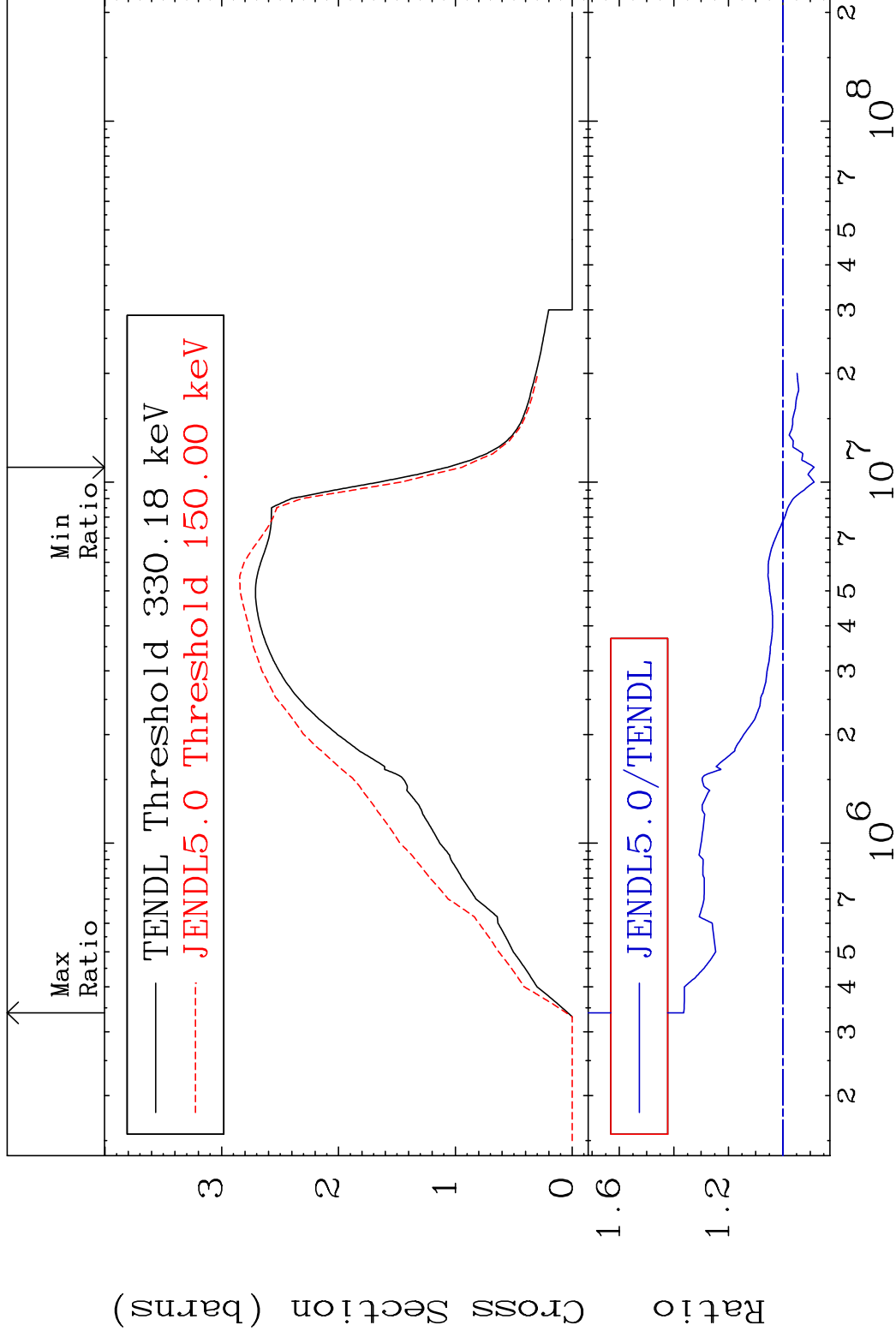
78-Pt-194

MAT 7837

Inelastic

78-Pt-194

Cross Section -11.42 To 36.41 %



3

Incident Energy (eV)

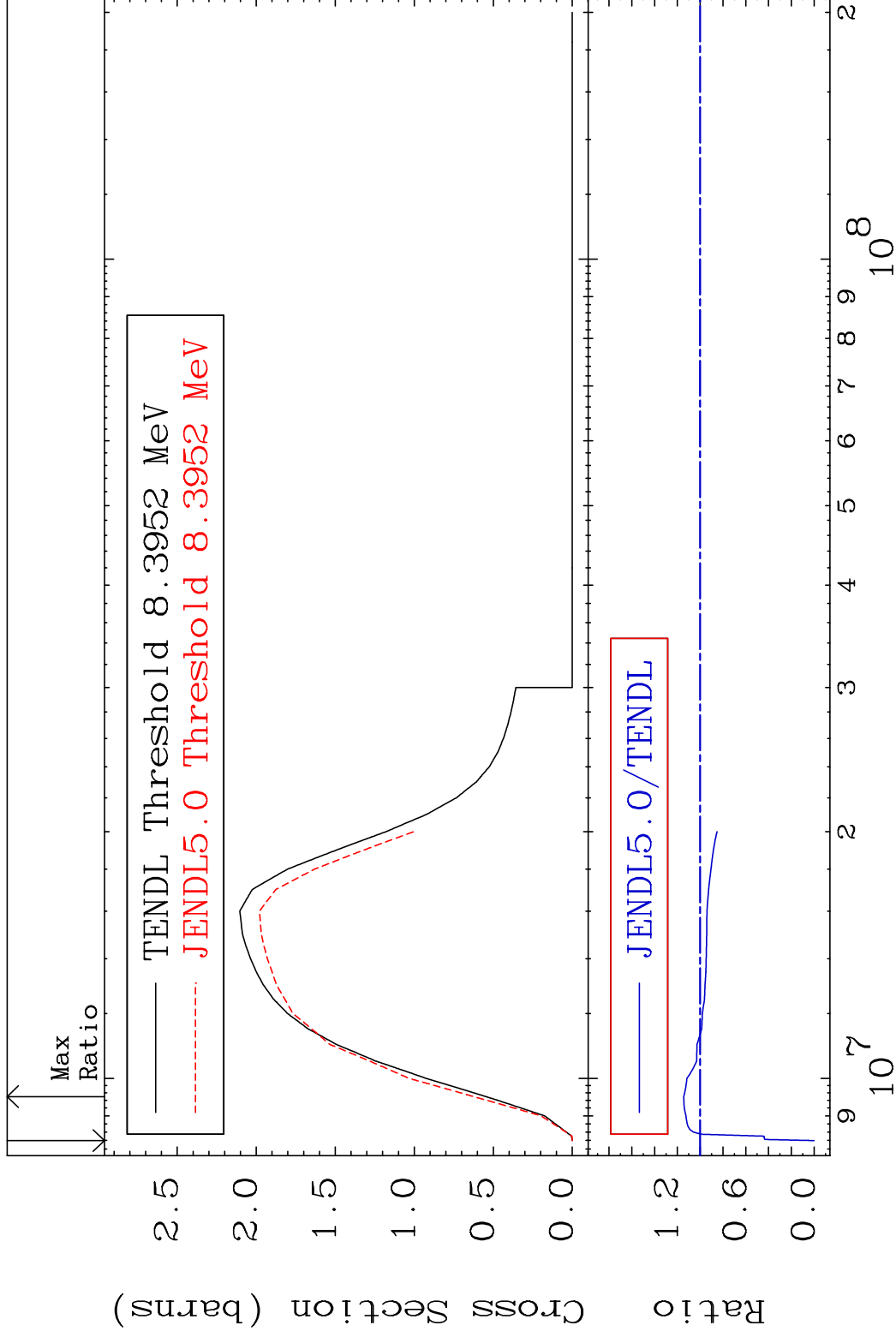
78-Pt-194

MAT 7837

(n,2n)

78-Pt-194

Cross Section -100.0 To 14.51 %



4

Incident Energy (eV)

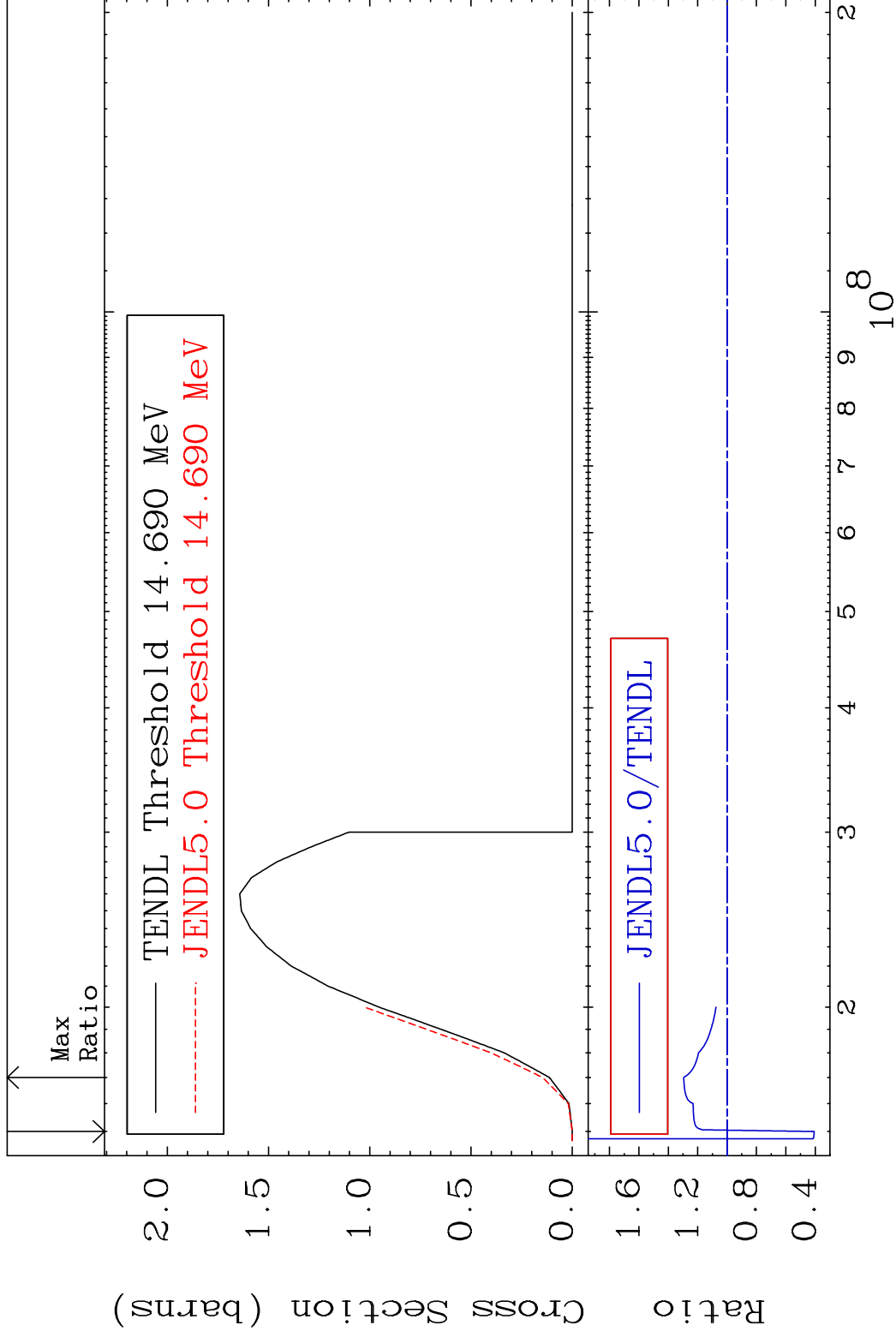
78-Pt-194

MAT 7837

(n,3n)

78-Pt-194

Cross Section -59.25 To 29.55 %



5

Incident Energy (eV)

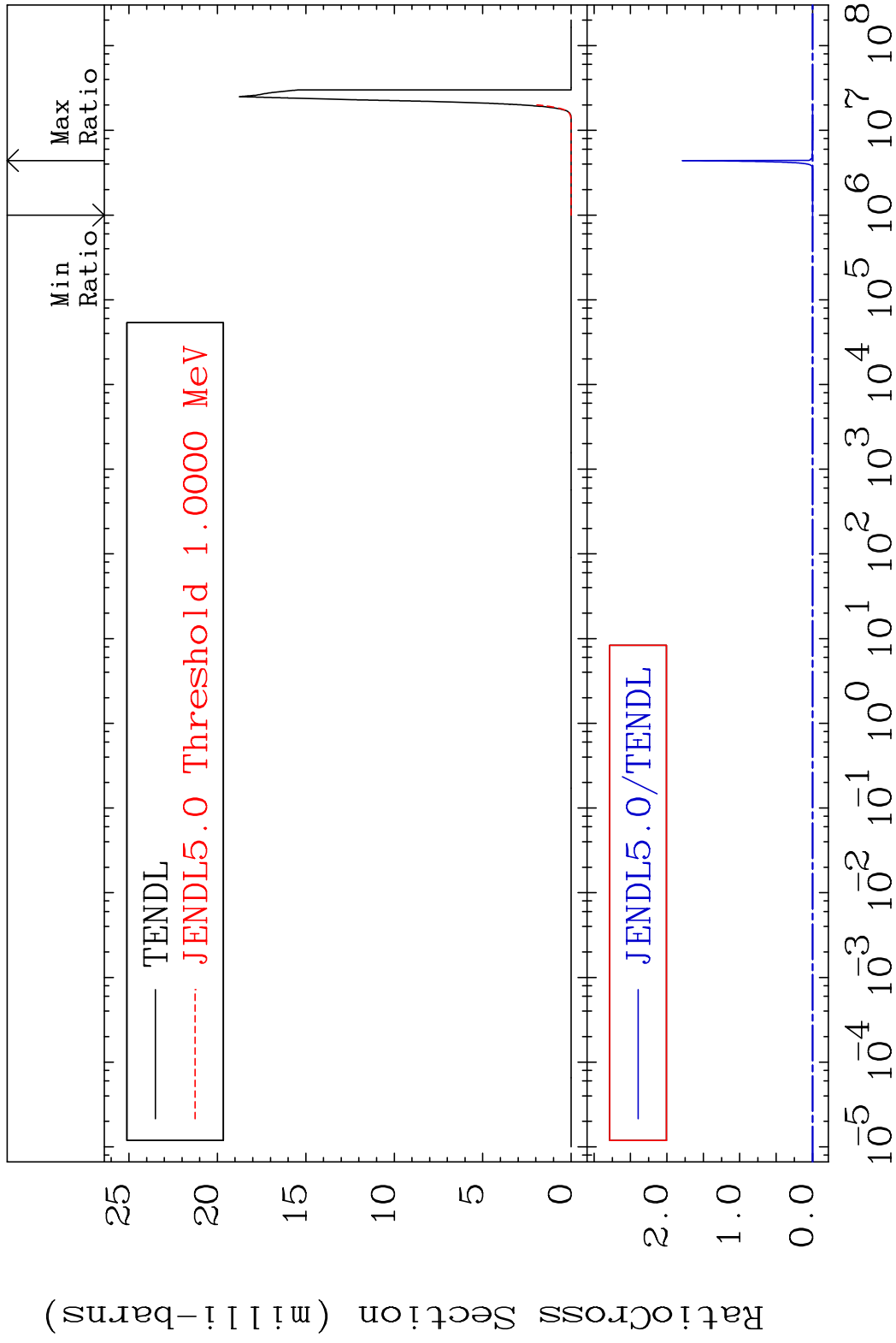
78-Pt-194

MAT 7837

(n, n') α

78-Pt-194

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

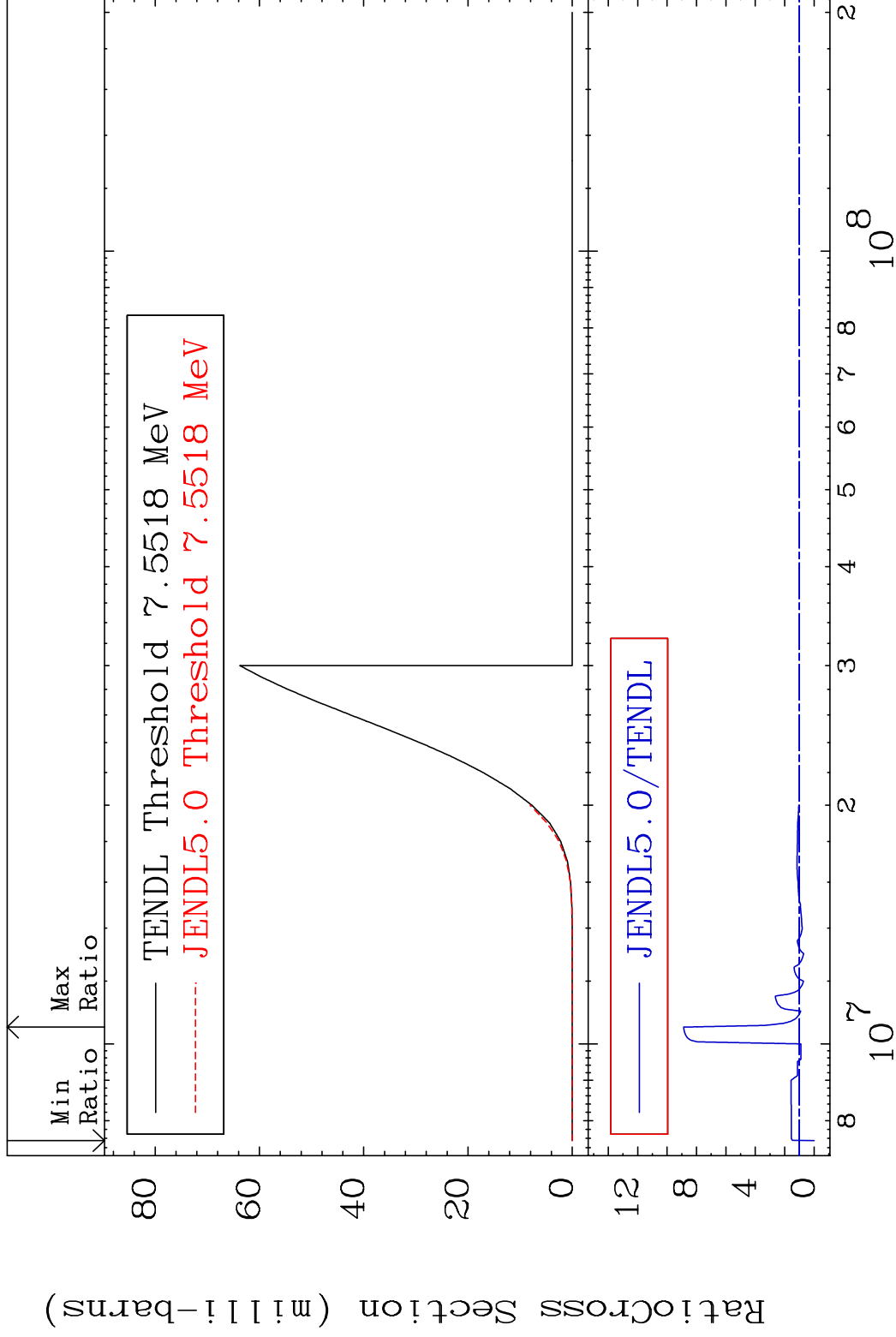
78-Pt-194

MAT 7837

(n, n') p

78-Pt-194

Cross Section -100.0 To 787.5 %



7

Incident Energy (eV)

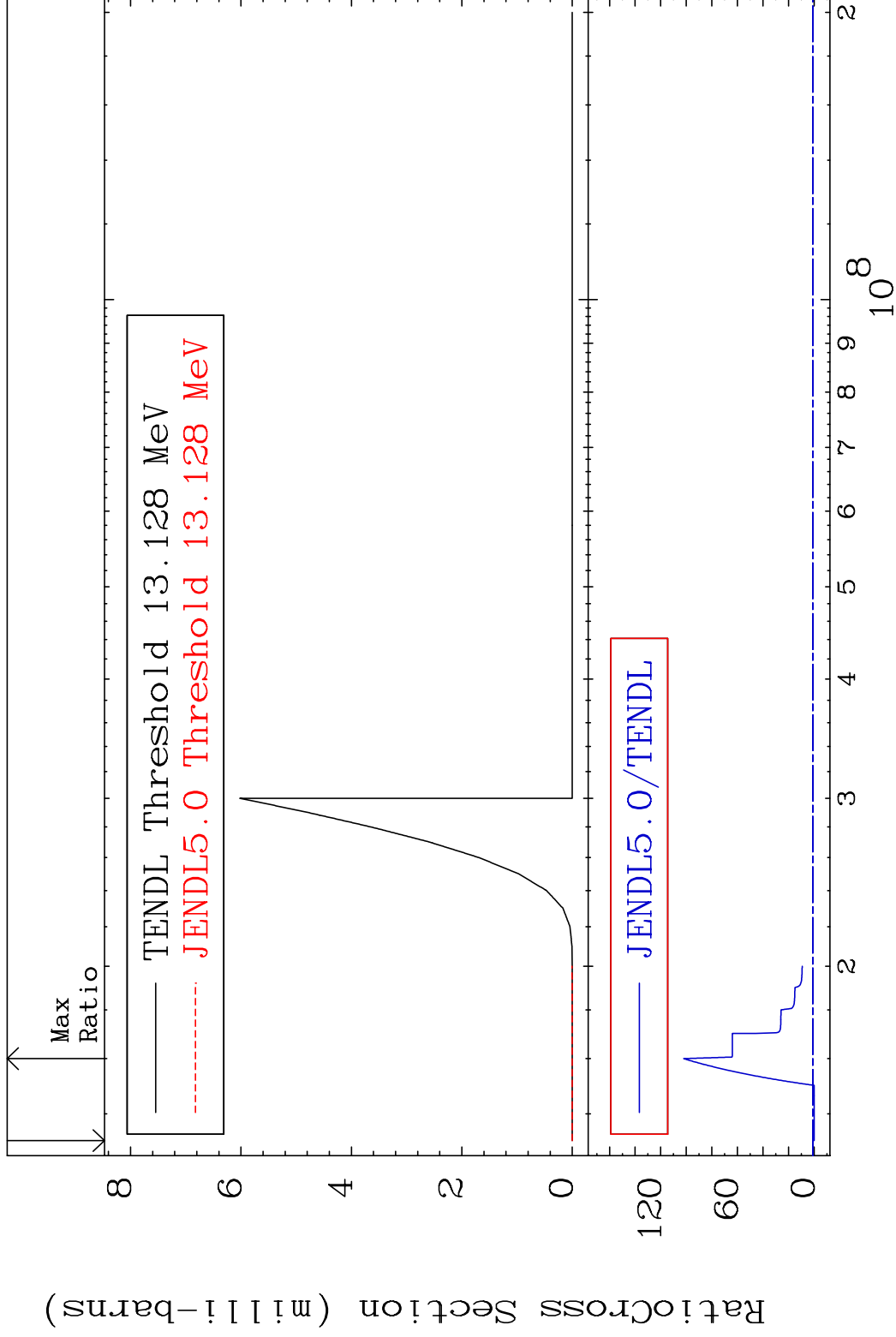
78-Pt-194

MAT 7837

(n, n') d

78-Pt-194

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

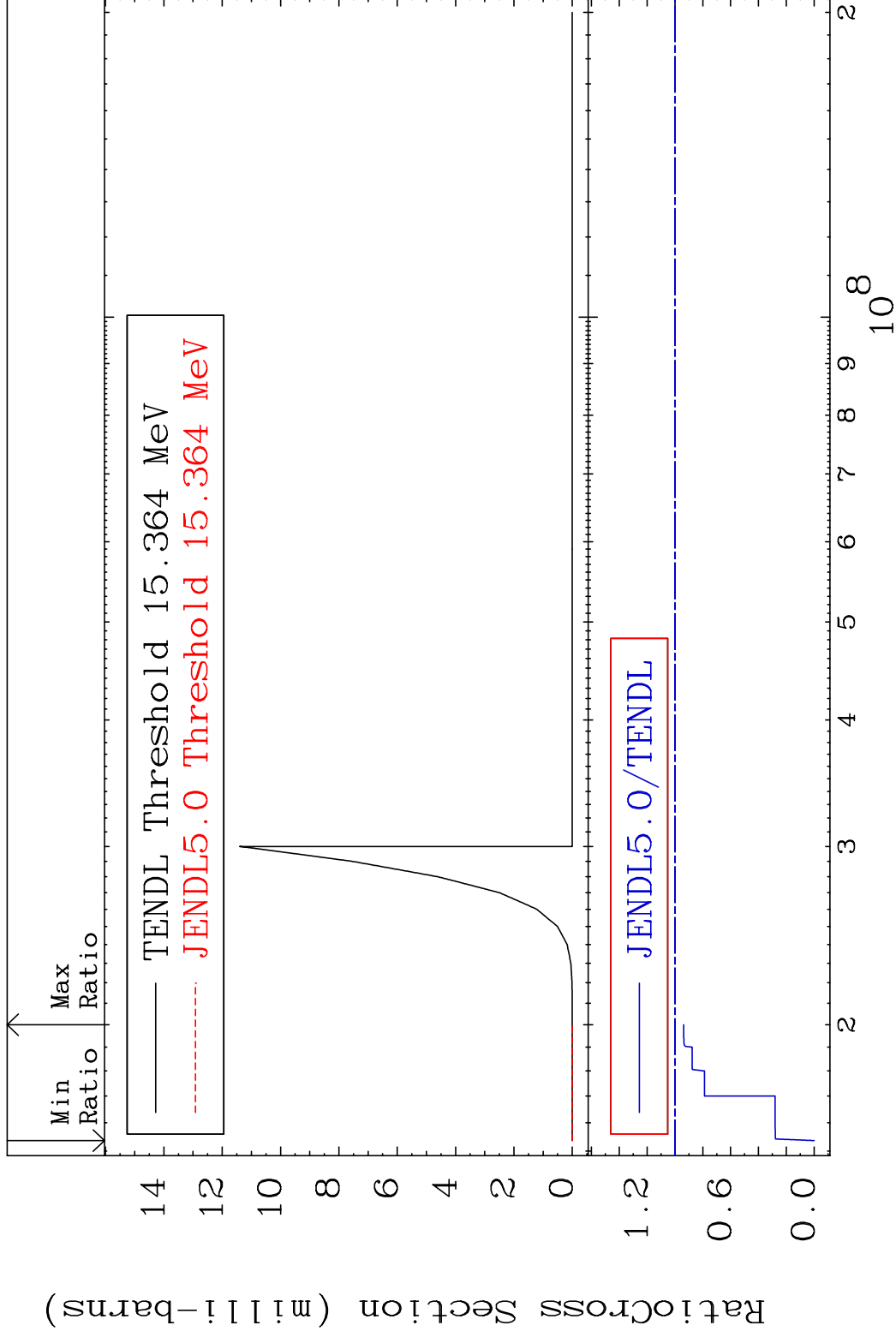
78-Pt-194

MAT 7837

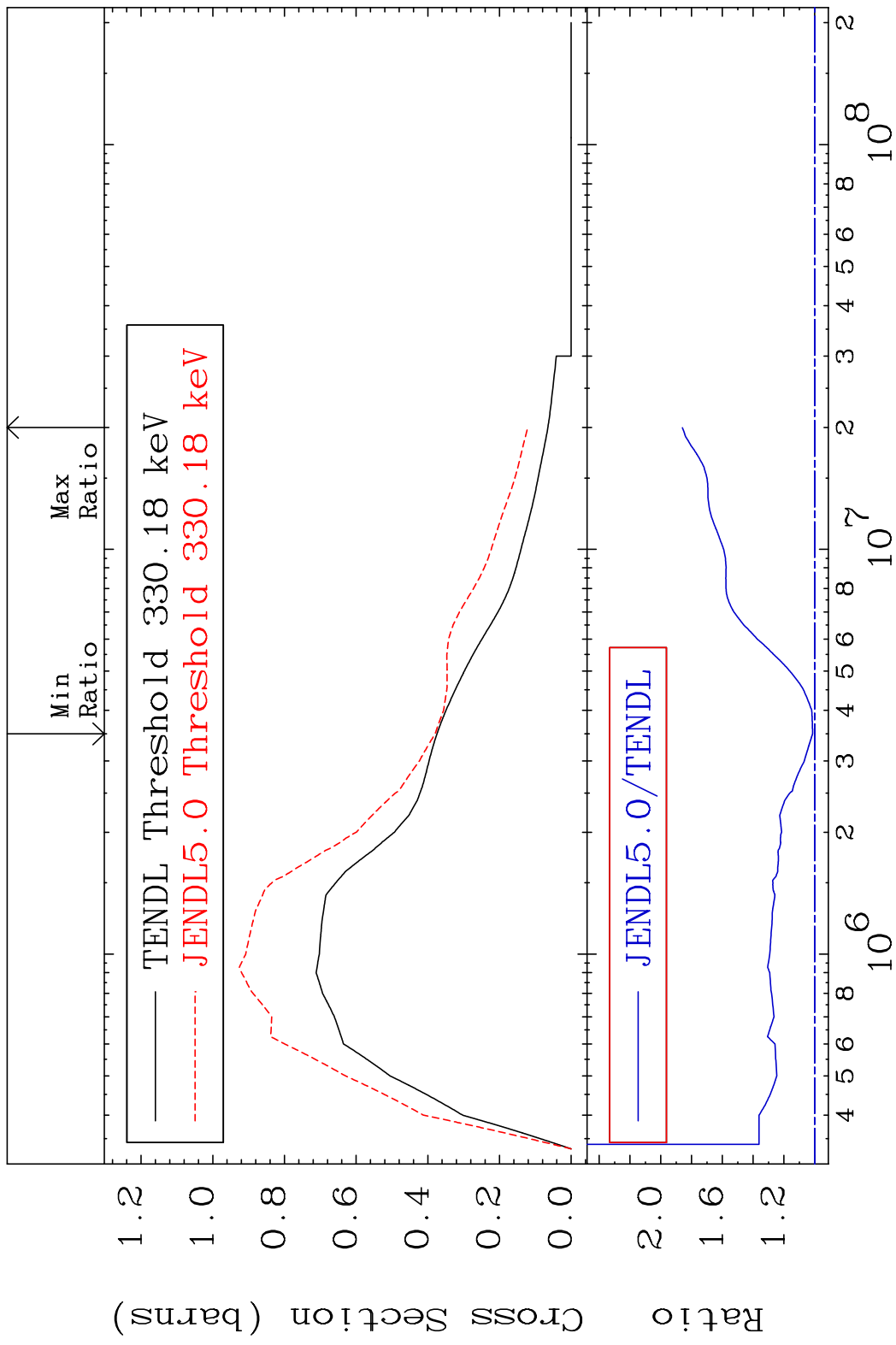
(n,2n) p

78-Pt-194

Cross Section -100.0 To -6.242%

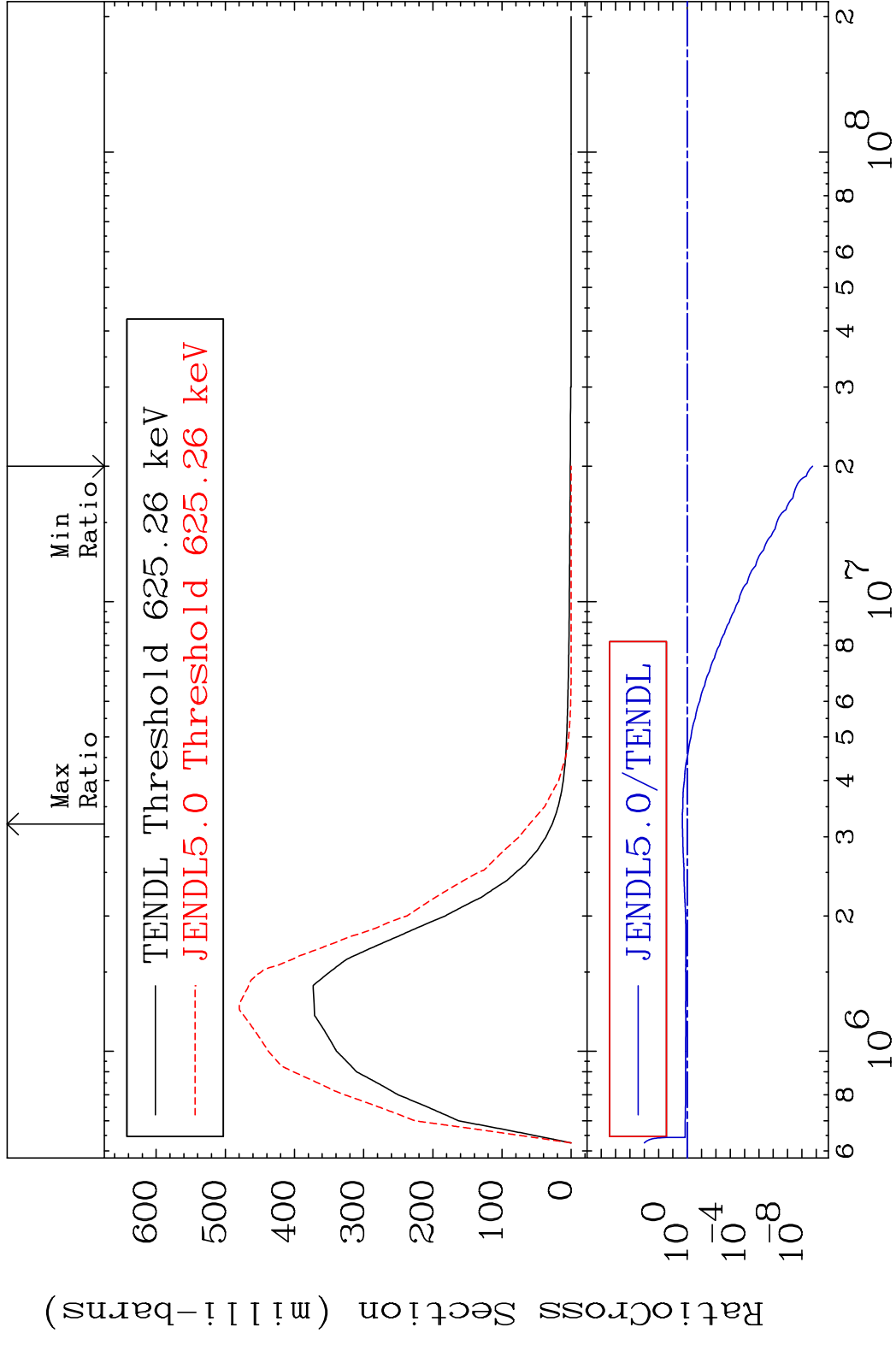


MAT 7837 MT= 51 (n, n') Level 78-Pt-194
 Cross Section 1.396 To 85.99 %

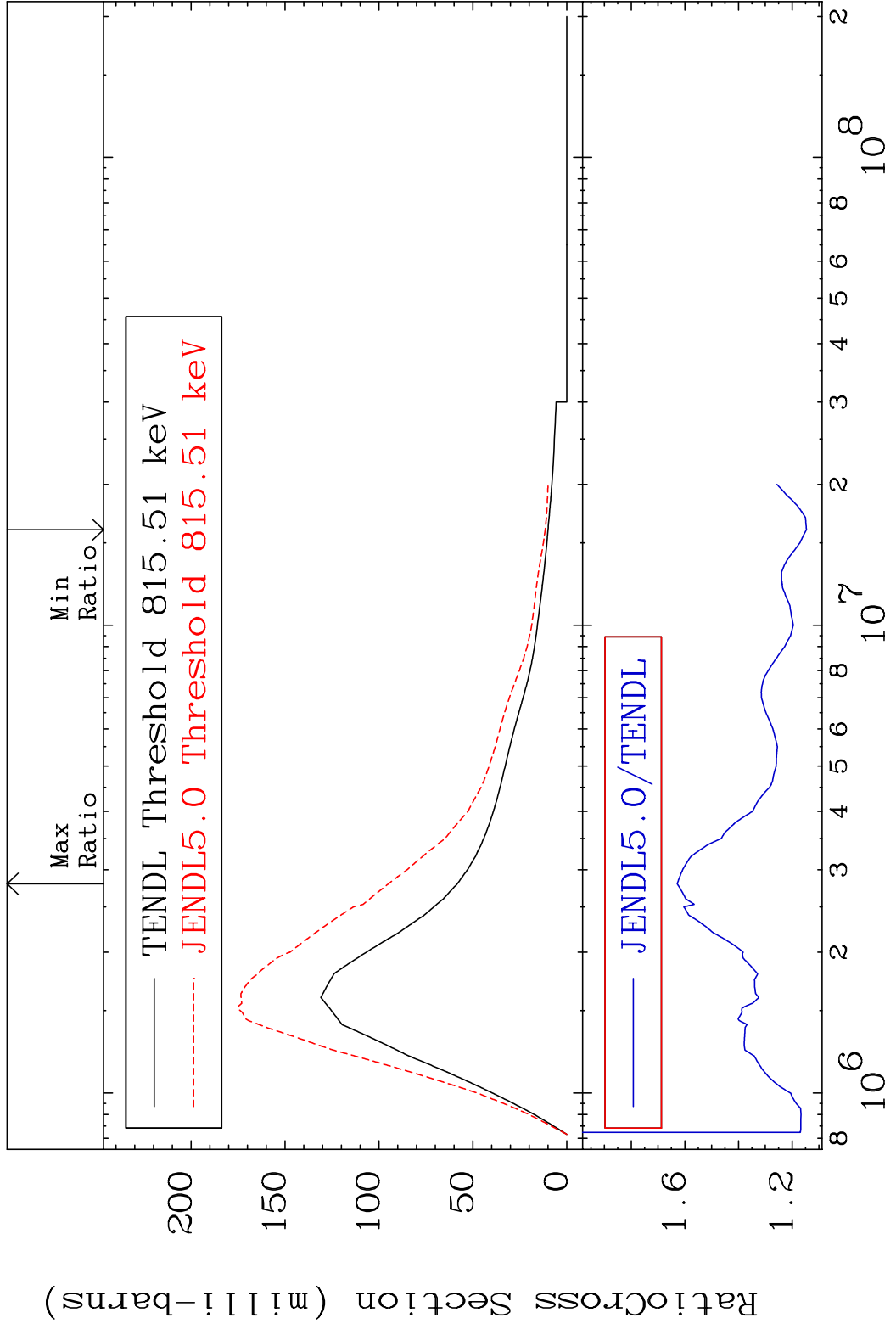


10 Incident Energy (eV) 78-Pt-194

MAT 7837 MT= 52 (n, n') Level 78-Pt-194
 Cross Section -100.0 To 119.7 %

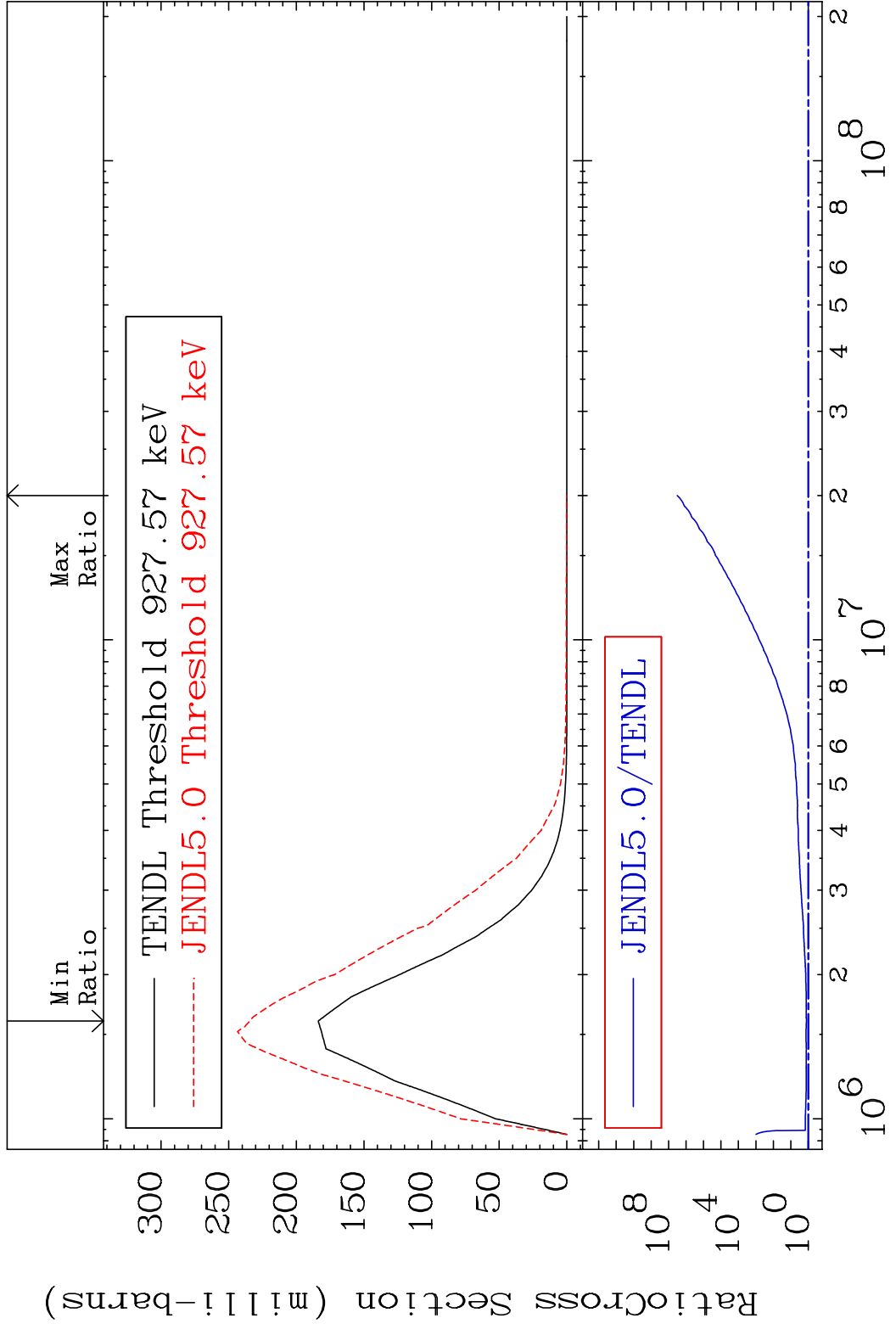


MAT 7837 MT= 53 (n, n') Level 78-Pt-194
 Cross Section 14.67 To 62.86 %



12 Incident Energy (eV) 78-Pt-194

MAT 7837 MT= 54 (n, n') Level 78-Pt-194
 Cross Section 27.47 To 9999. %



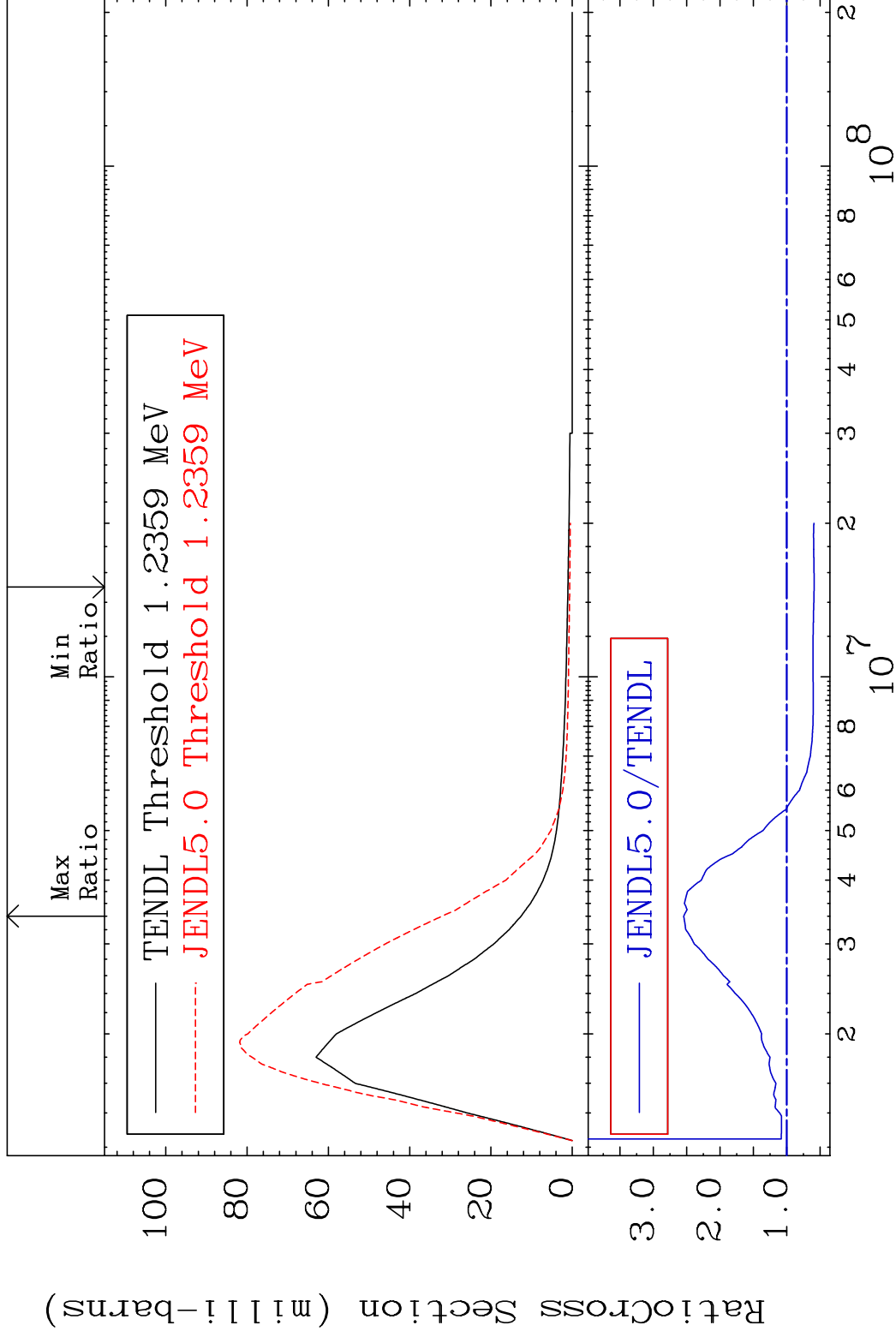
13 Incident Energy (eV) 78-Pt-194

MAT 7837

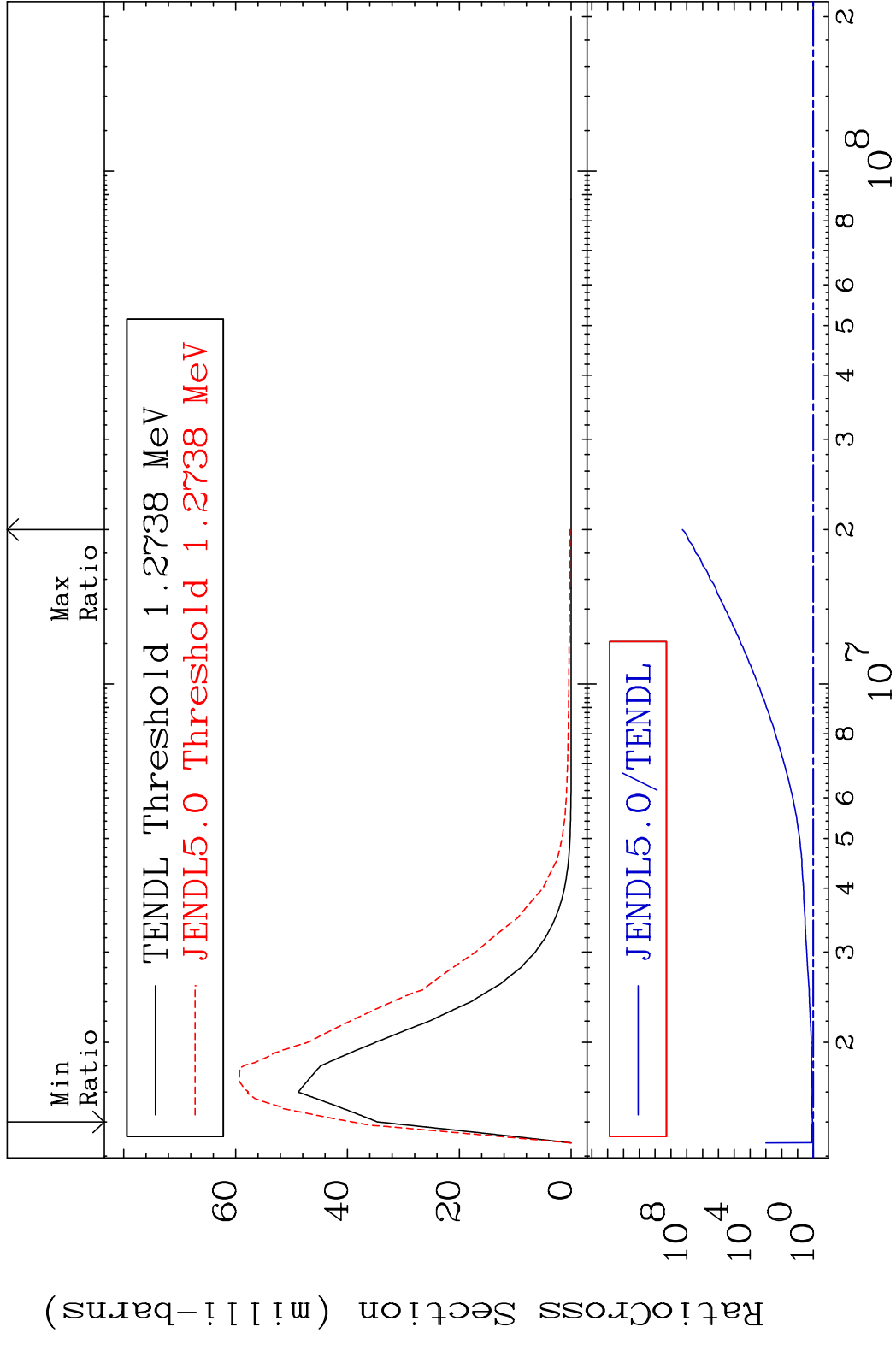
MT= 55 (n,n') Level

78-Pt-194

Cross Section -41.14 To 154.5 %



MAT 7837 MT= 56 (n, n') Level 78-Pt-194
 Cross Section 13.10 To 9999. %

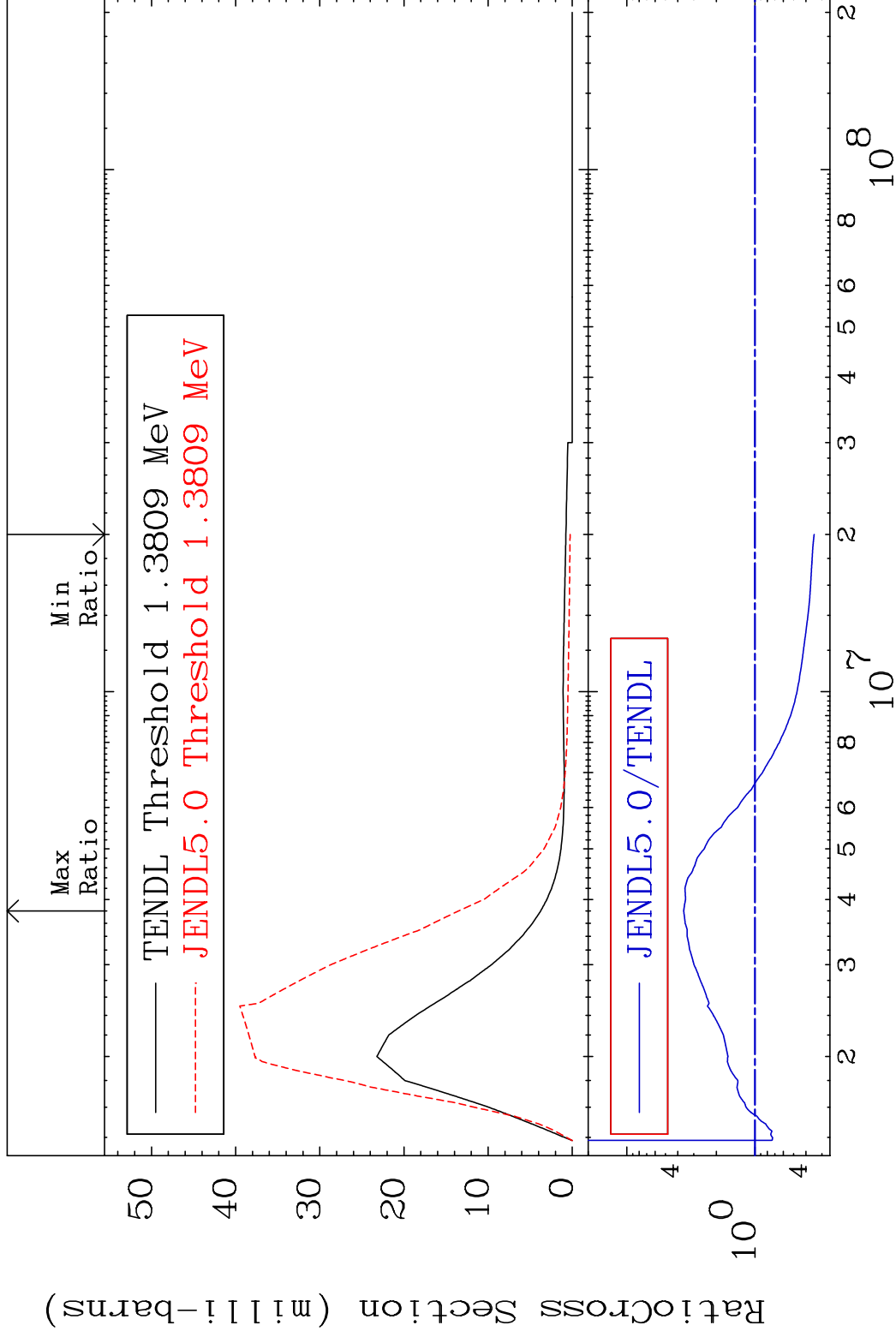


MAT 7837

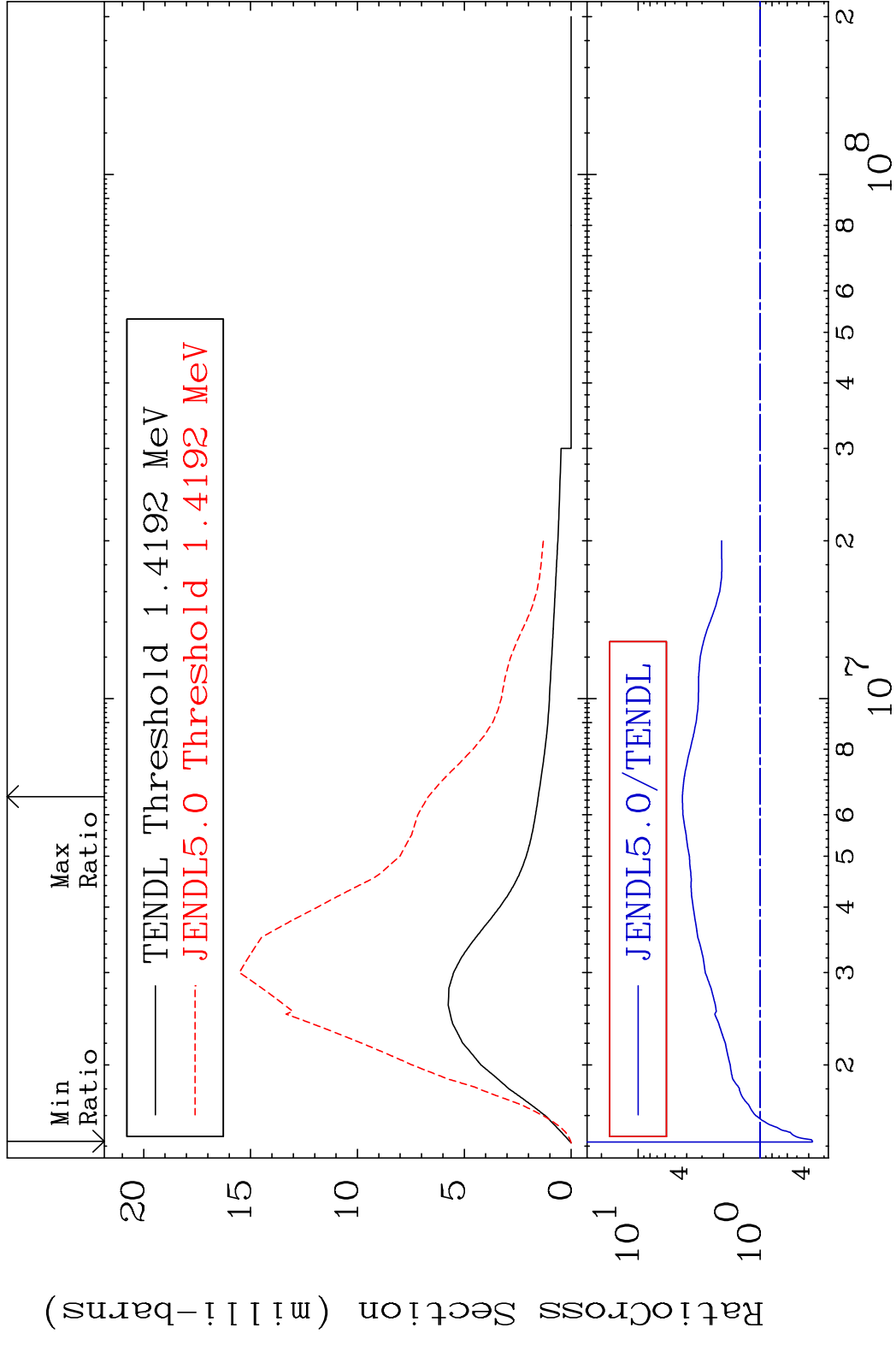
MT= 57 (n, n') Level

78-Pt-194

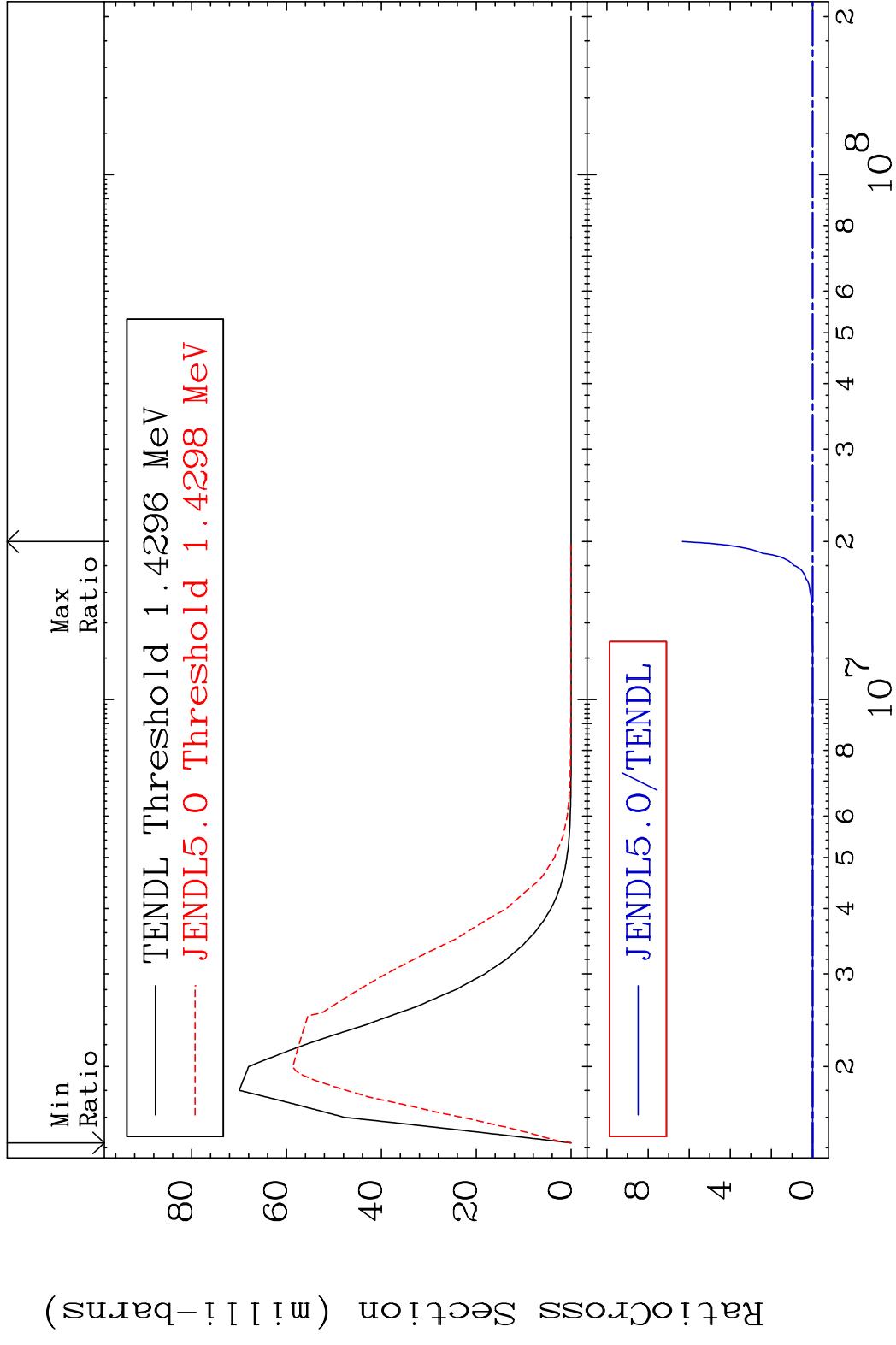
Cross Section -65.49 To 259.9 %



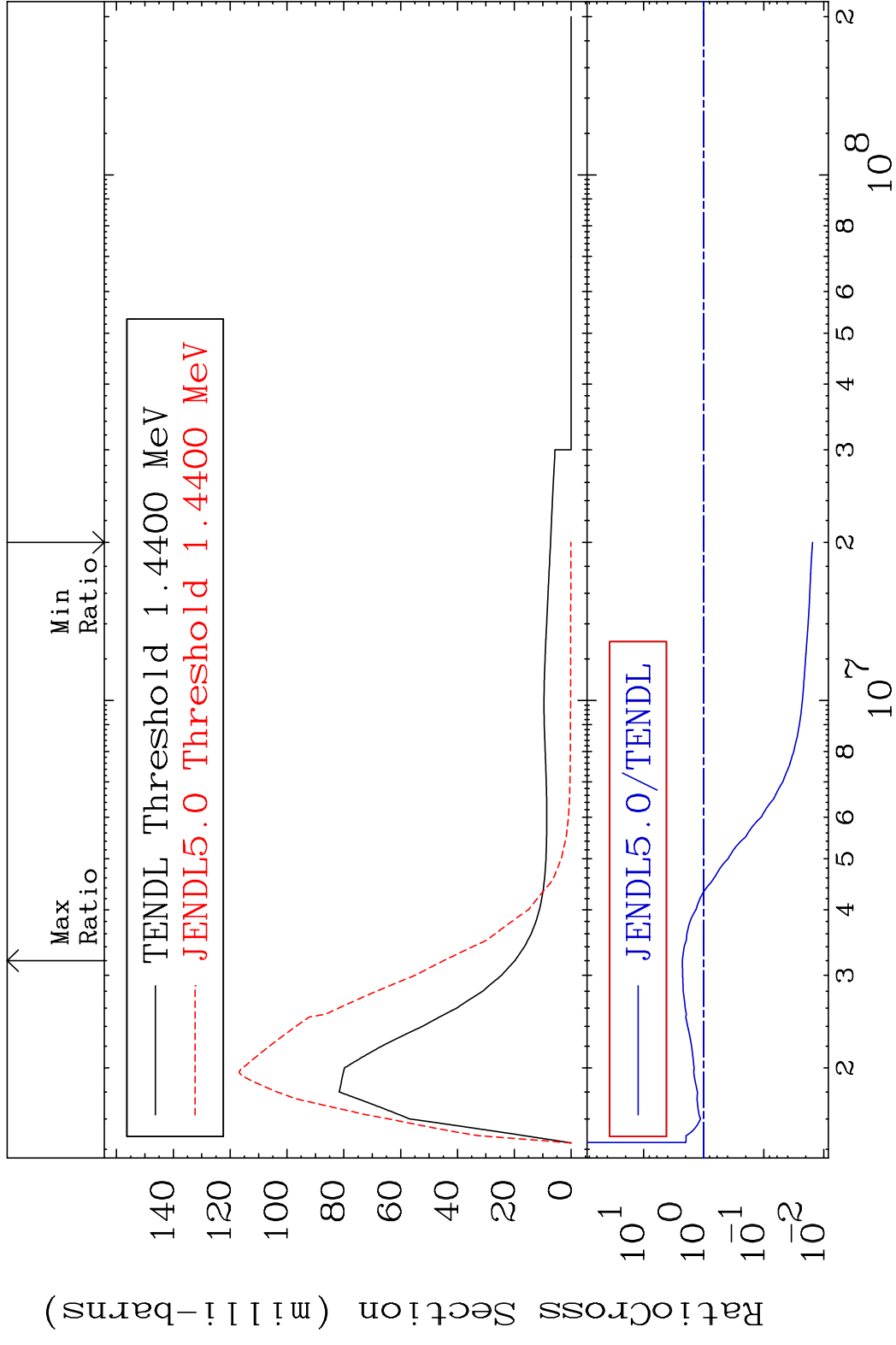
MAT 7837 MT= 58 (n,n') Level 78-Pt-194
 Cross Section -62.73 To 334.7 %



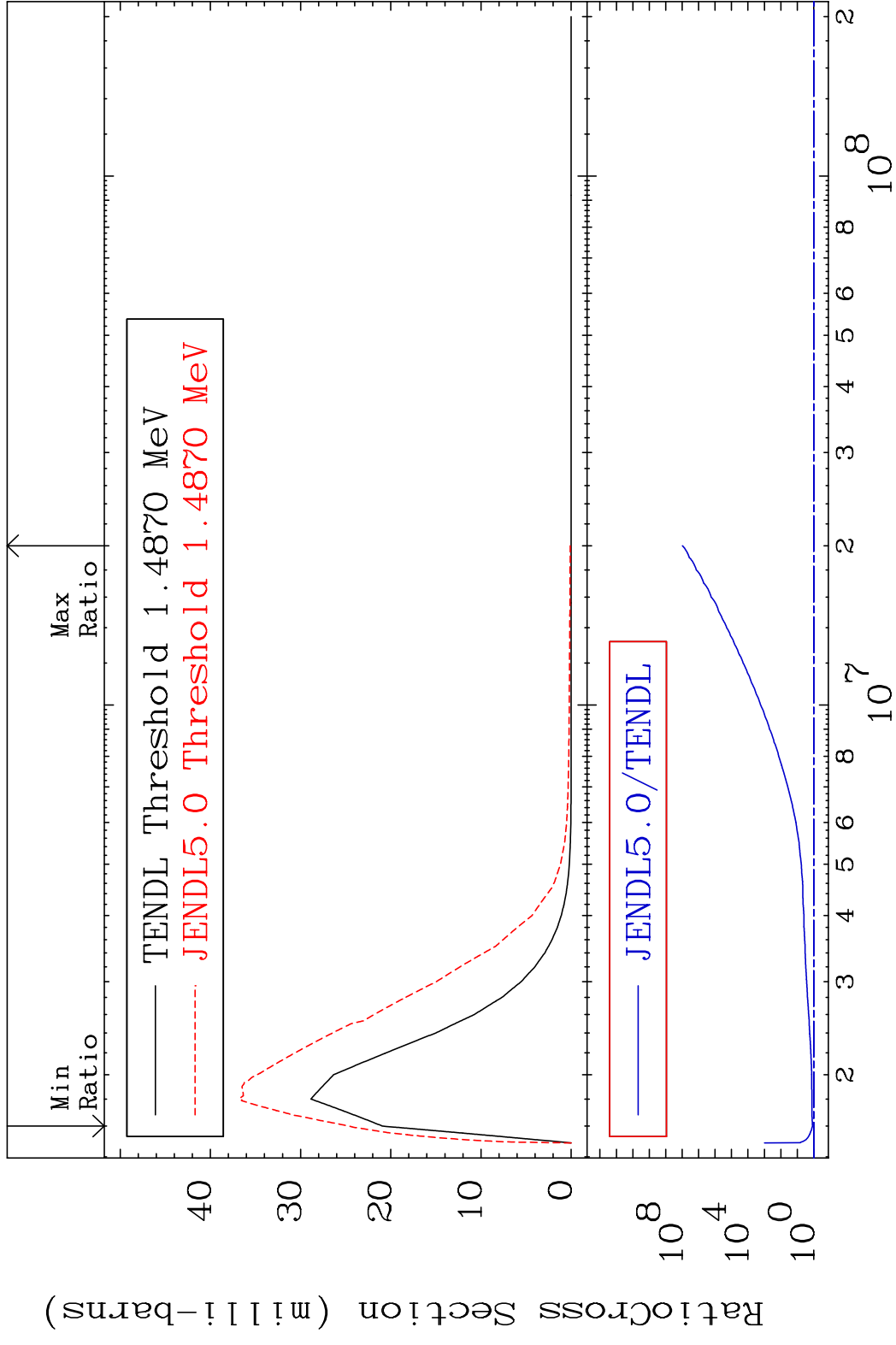
MAT 7837 MT= 59 (n, n') Level 78-Pt-194
 Cross Section -100.0 To 9999. %



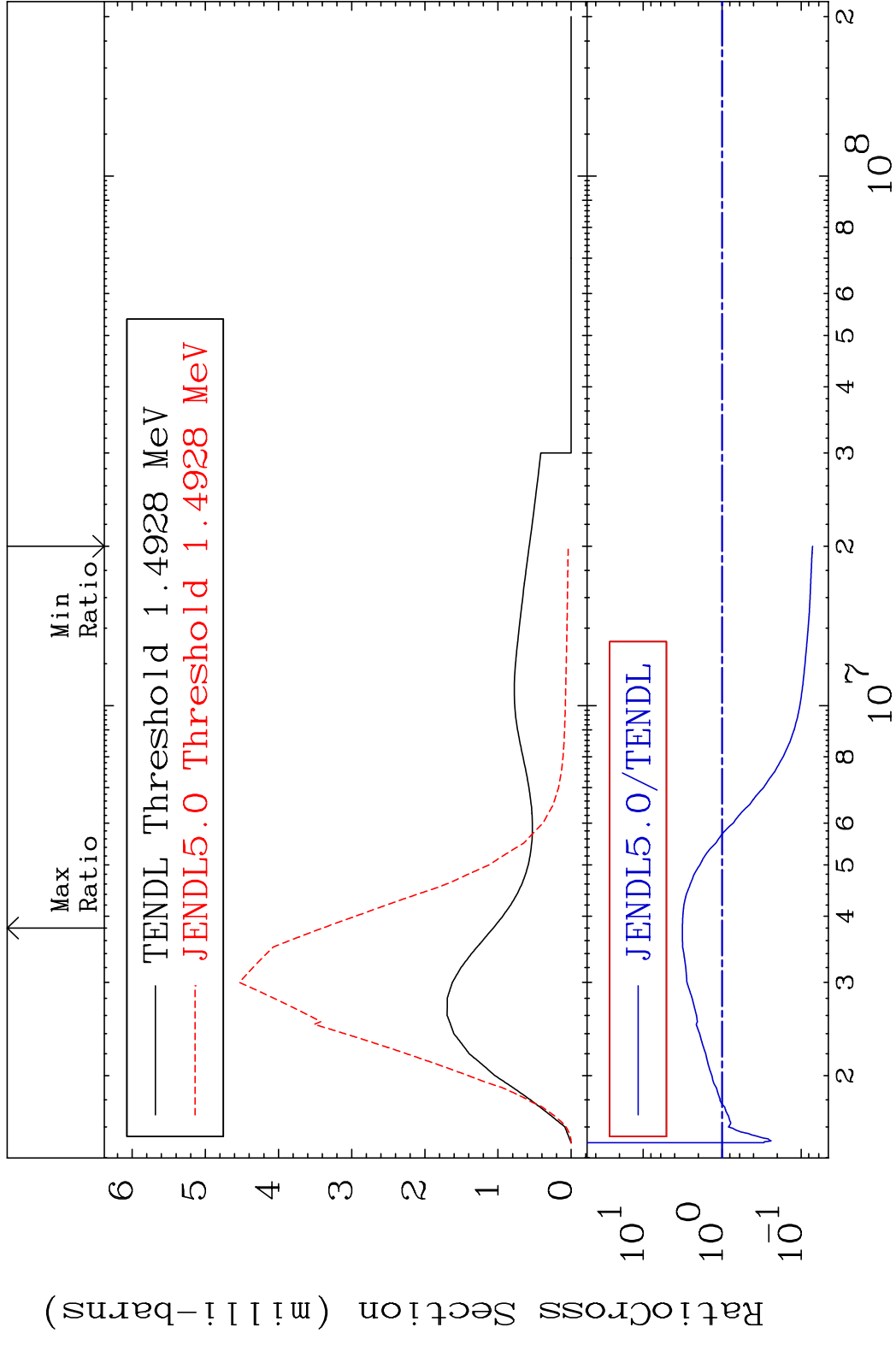
MAT 7837 MT= 60 (n, n') Level 78-Pt-194
 Cross Section -98.46 To 126.5 %



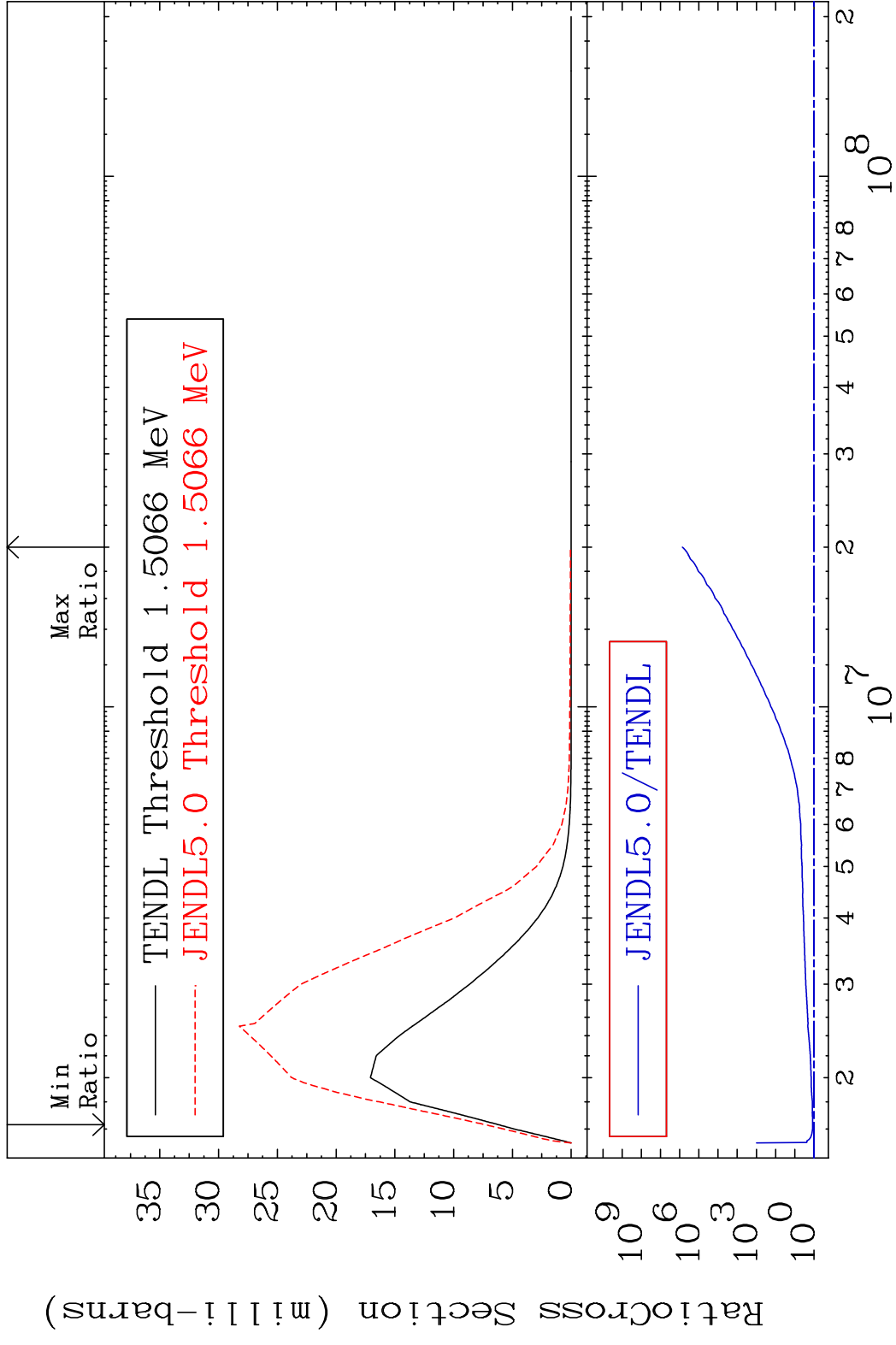
MAT 7837 MT= 61 (n, n') Level 78-Pt-194
 Cross Section 17.63 To 9999. %



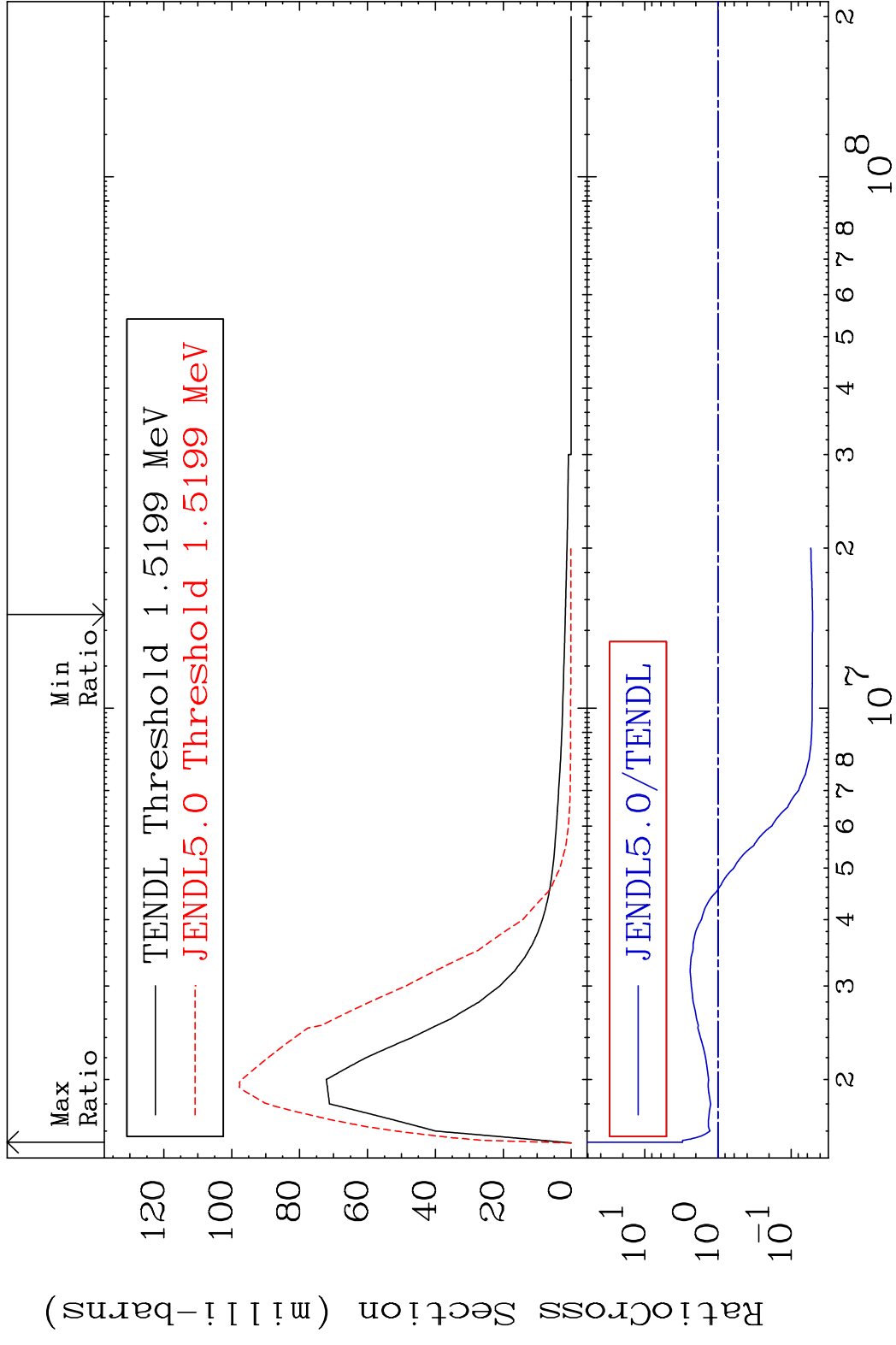
MAT 7837 MT= 62 (n,n') Level 78-Pt-194
 Cross Section -92.83 To 219.1 %



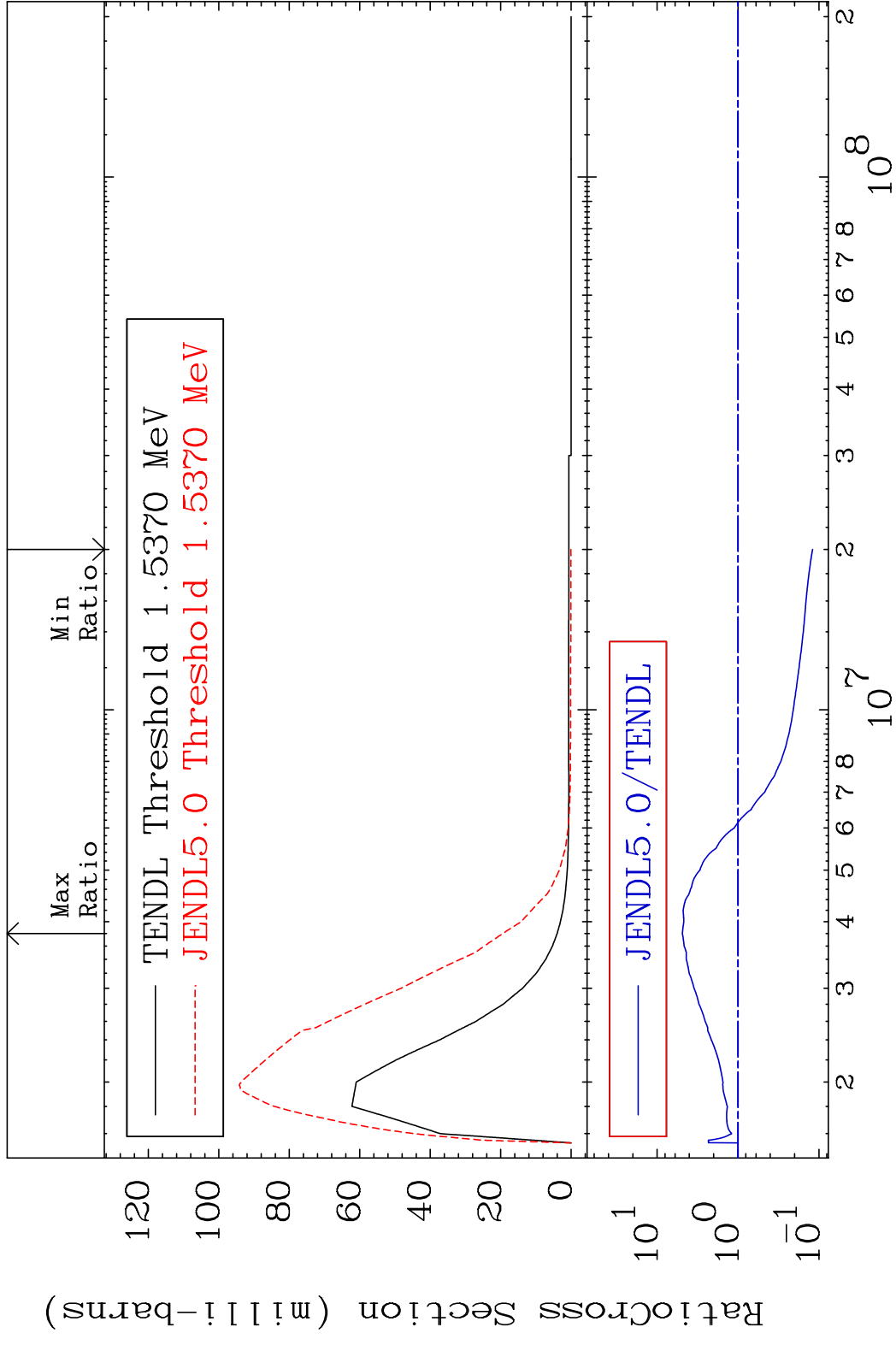
MAT 7837 MT= 63 (n, n') Level 78-Pt-194
 Cross Section 18.11 To 9999. %



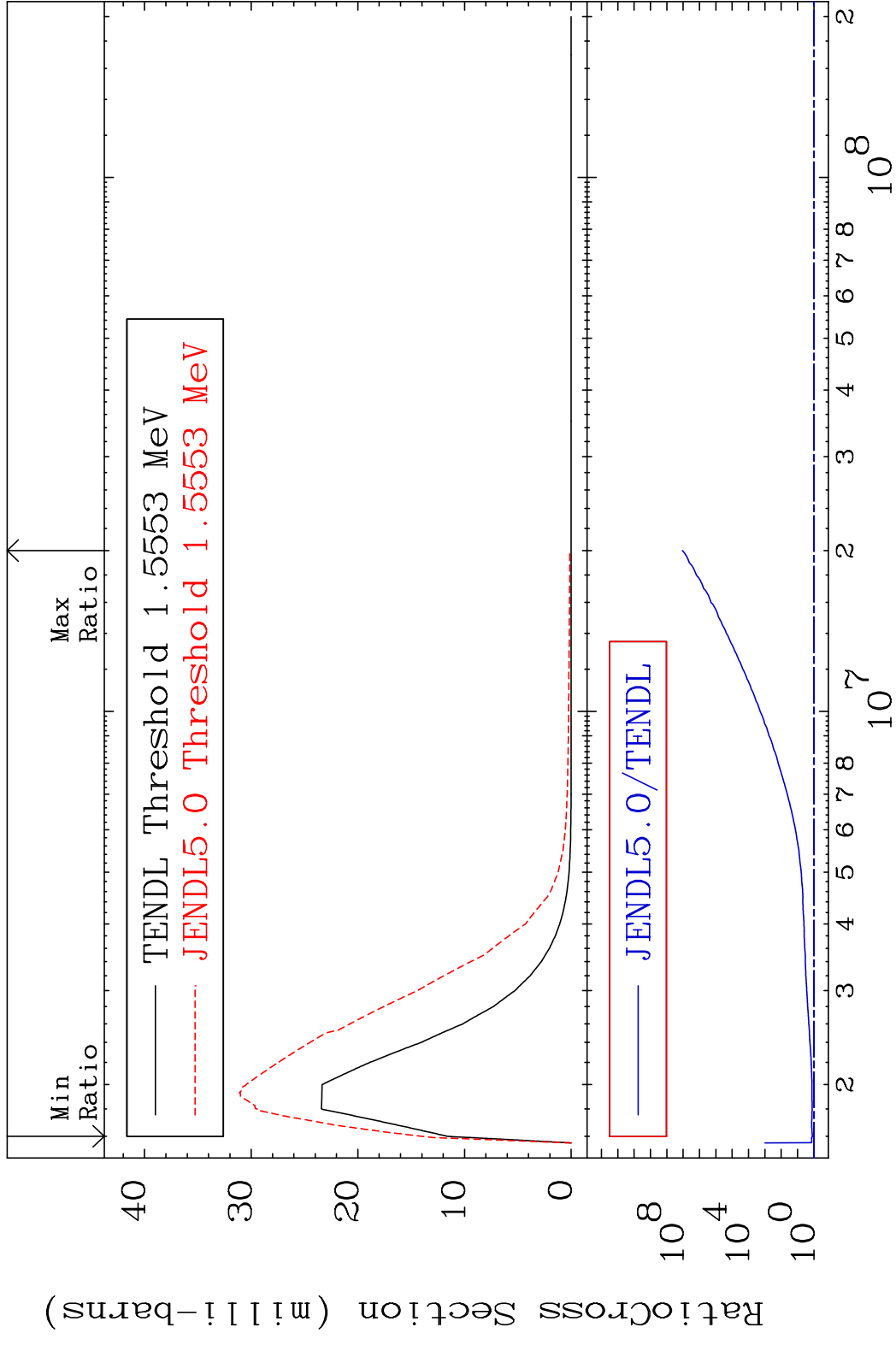
MAT 7837 MT= 64 (n, n') Level 78-Pt-194
 Cross Section -94.90 To 206.8 %



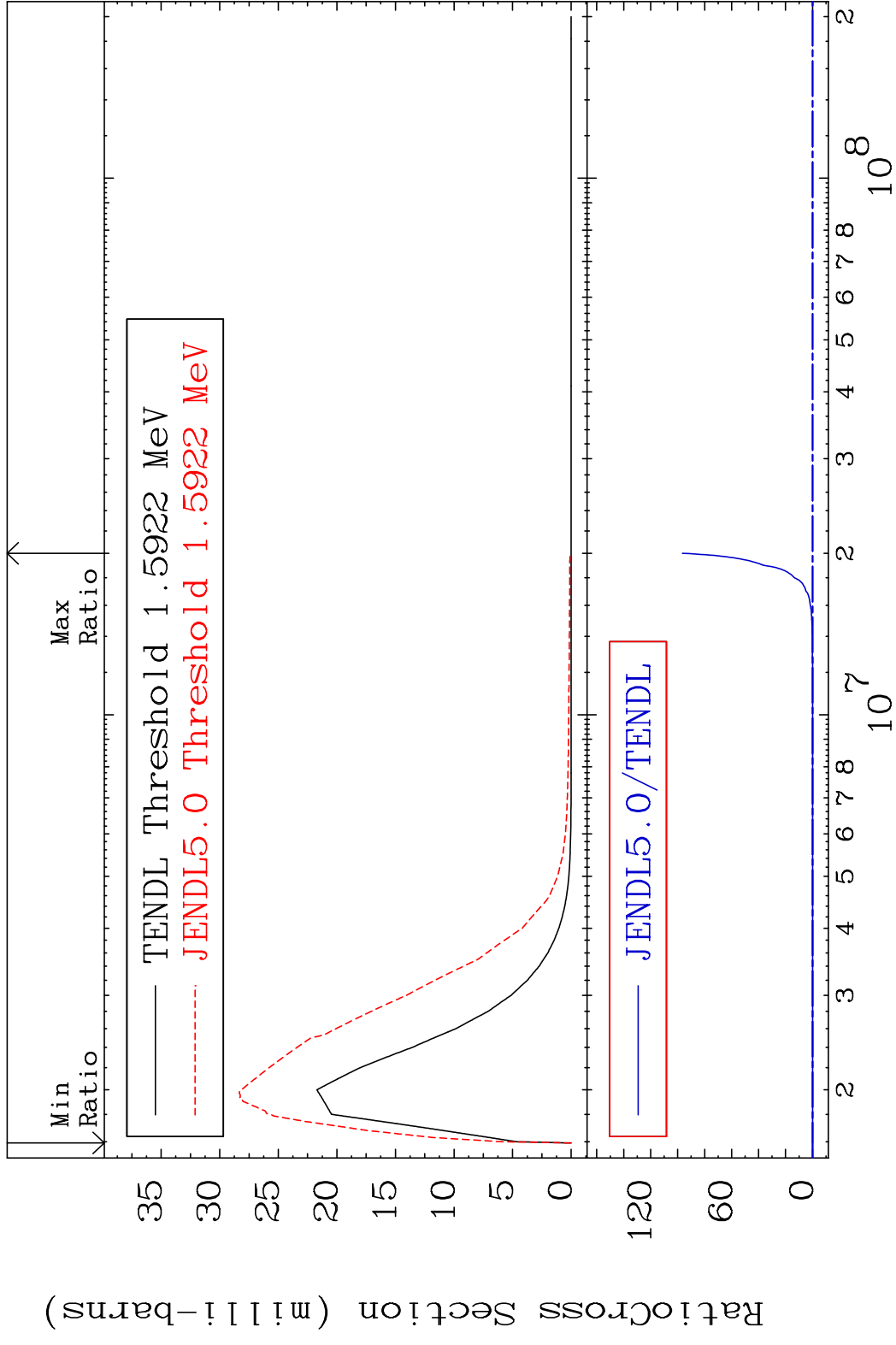
MAT 7837 MT= 65 (n,n') Level 78-Pt-194
 Cross Section -88.02 To 387.9 %



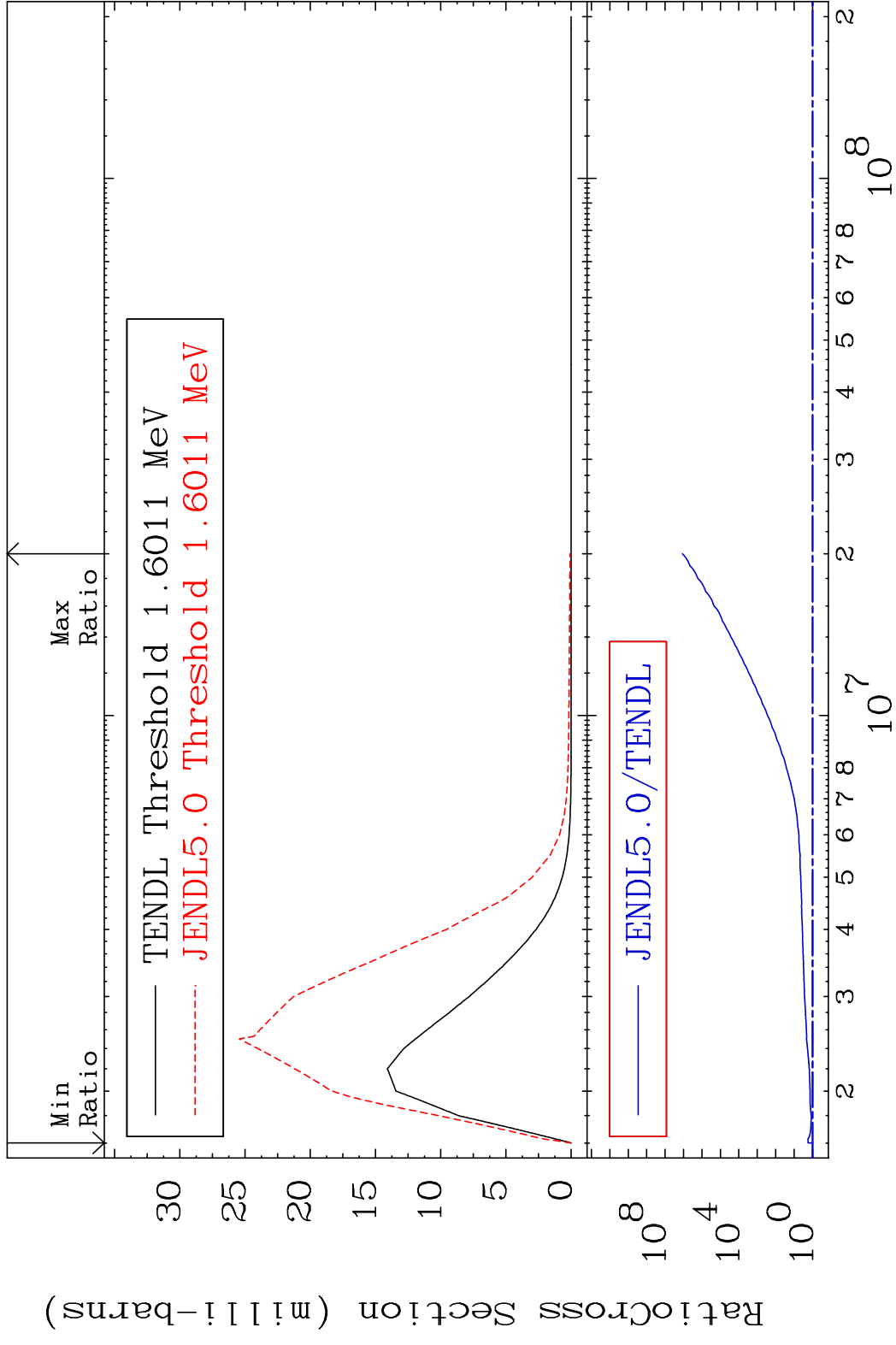
MAT 7837 MT= 66 (n, n') Level 78-Pt-194
 Cross Section 20.50 To 9999. %



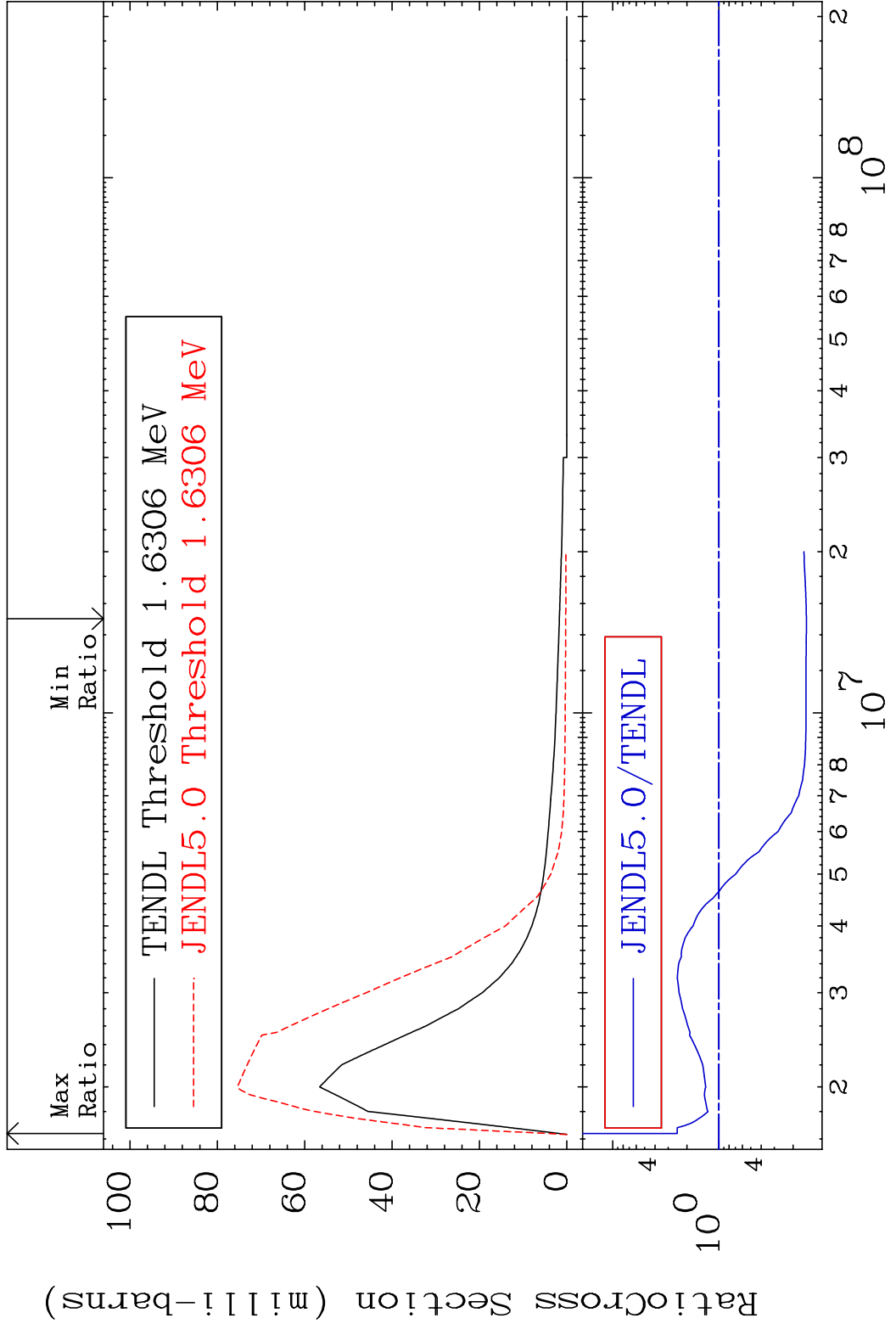
MAT 7837 MT= 67 (n, n') Level 78-Pt-194
 Cross Section -100.0 To 9999. %



MAT 7837 MT= 68 (n, n') Level 78-Pt-194
 Cross Section 0.000 To 9999. %



MAT 7837 MT= 69 (n,n') Level 78-Pt-194
 Cross Section -85.03 To 147.1 %

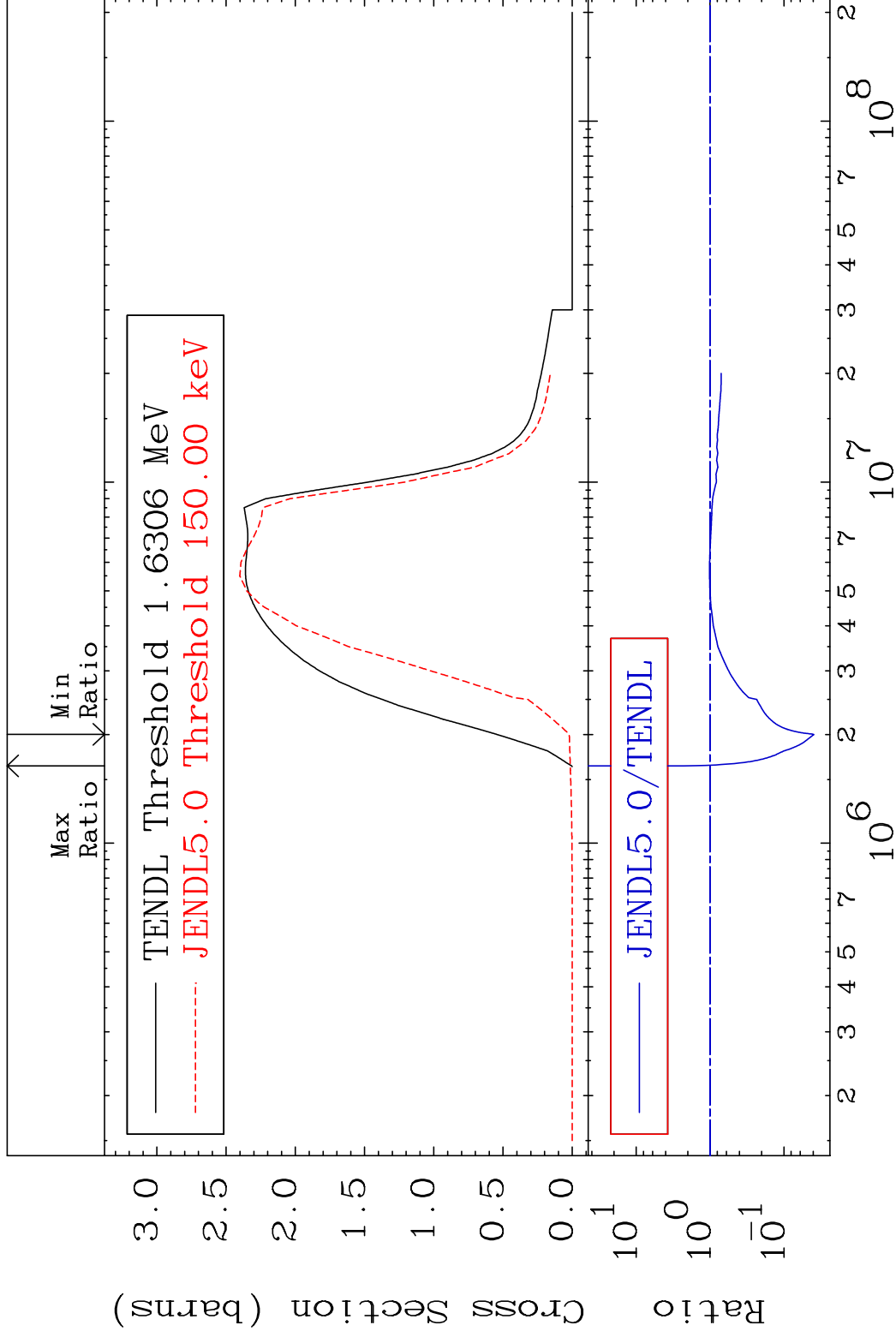


MAT 7837

(n, n') Continuum

78-Pt-194

Cross Section -96.10 To 127.9 %



29

Incident Energy (eV)

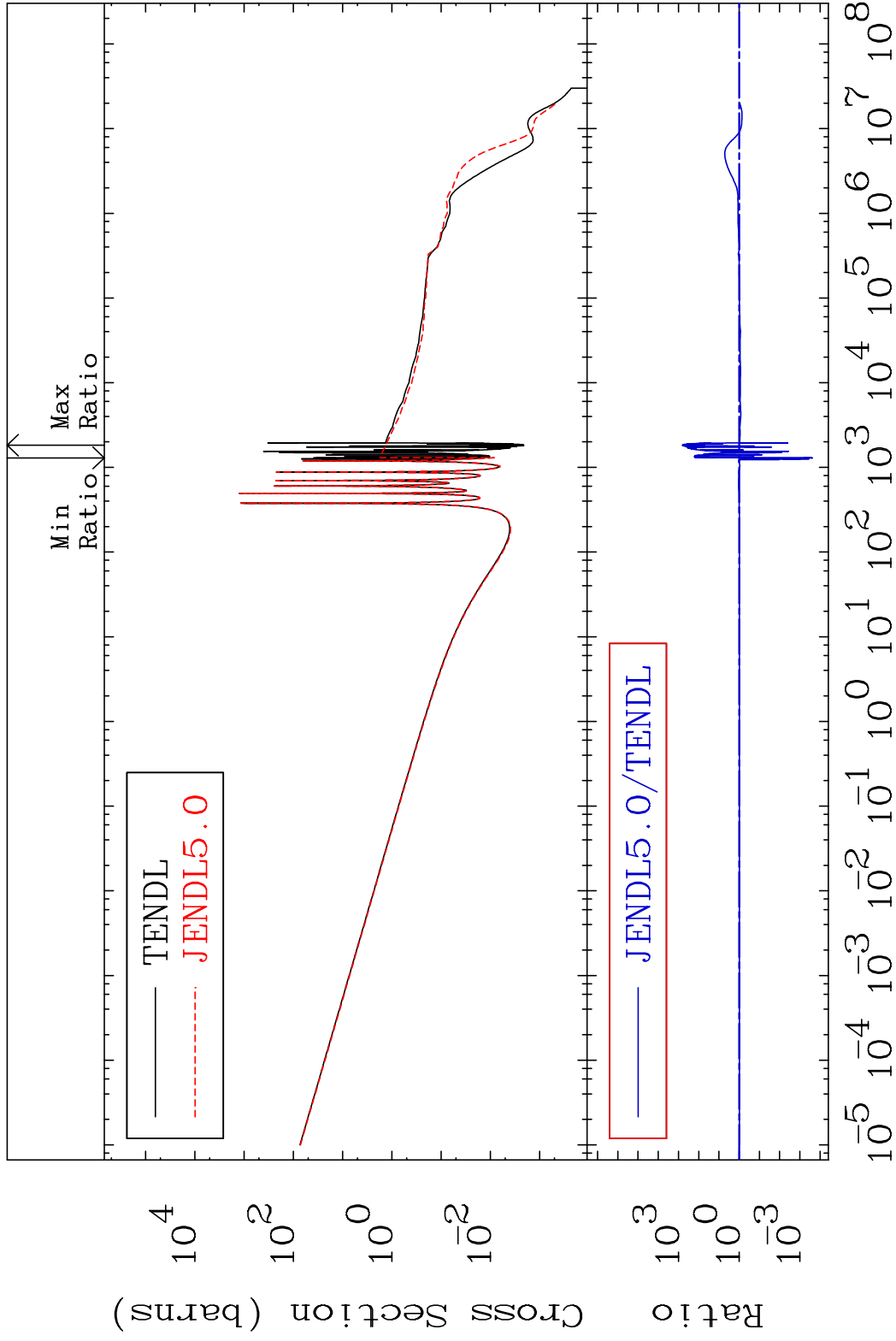
78-Pt-194

MAT 7837

(n, γ)

78-Pt-194

Cross Section -99.98 To 9999. %

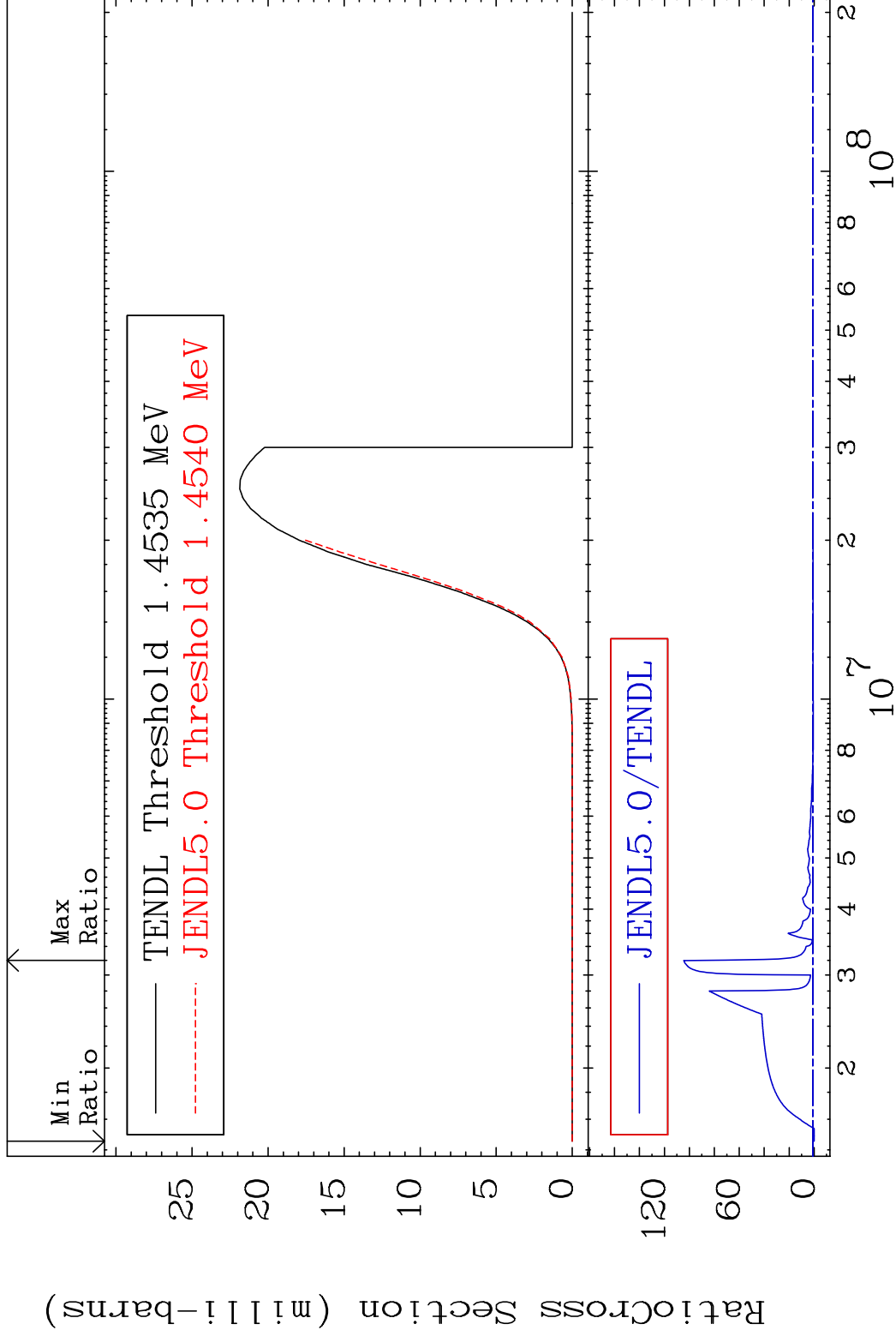


30

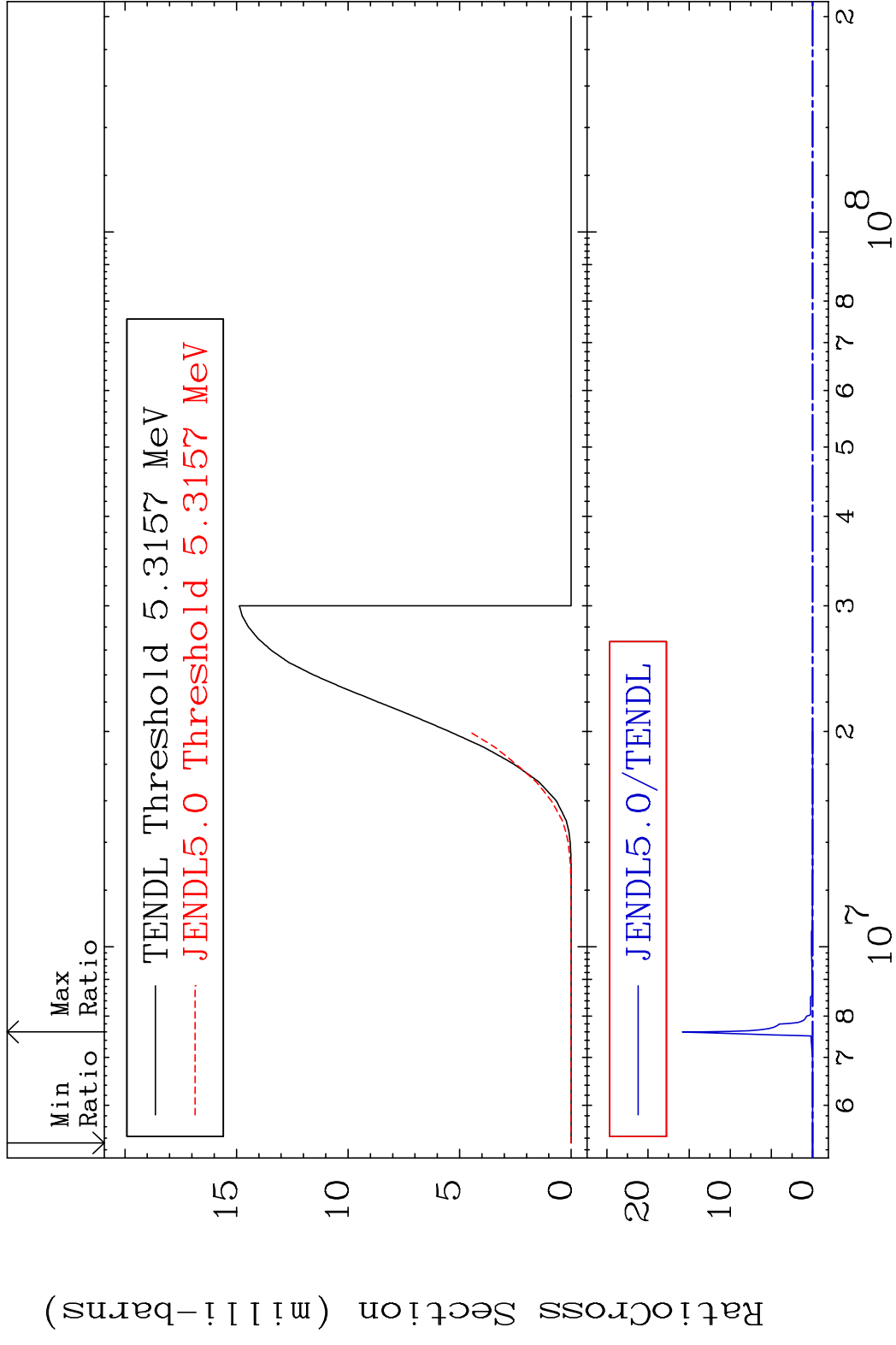
Incident Energy (eV)

78-Pt-194

Cross Section -100.0 To 9999. %



MAT 7837 (n,d) 78-Pt-194
 Cross Section -100.0 To 9999. %

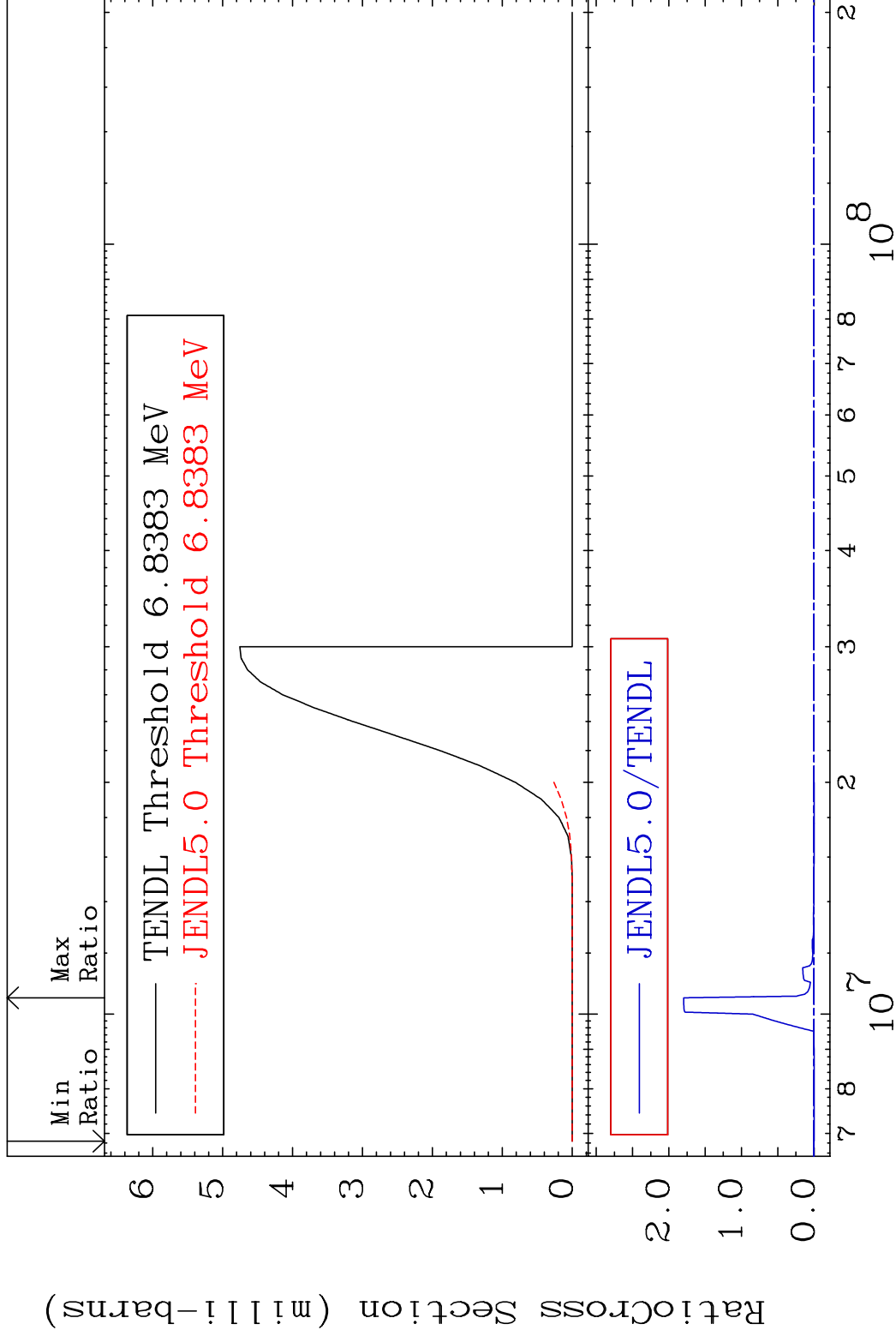


MAT 7837

(n, t)

78-Pt-194

Cross Section -100.0 To 9999. %



33

Incident Energy (eV)

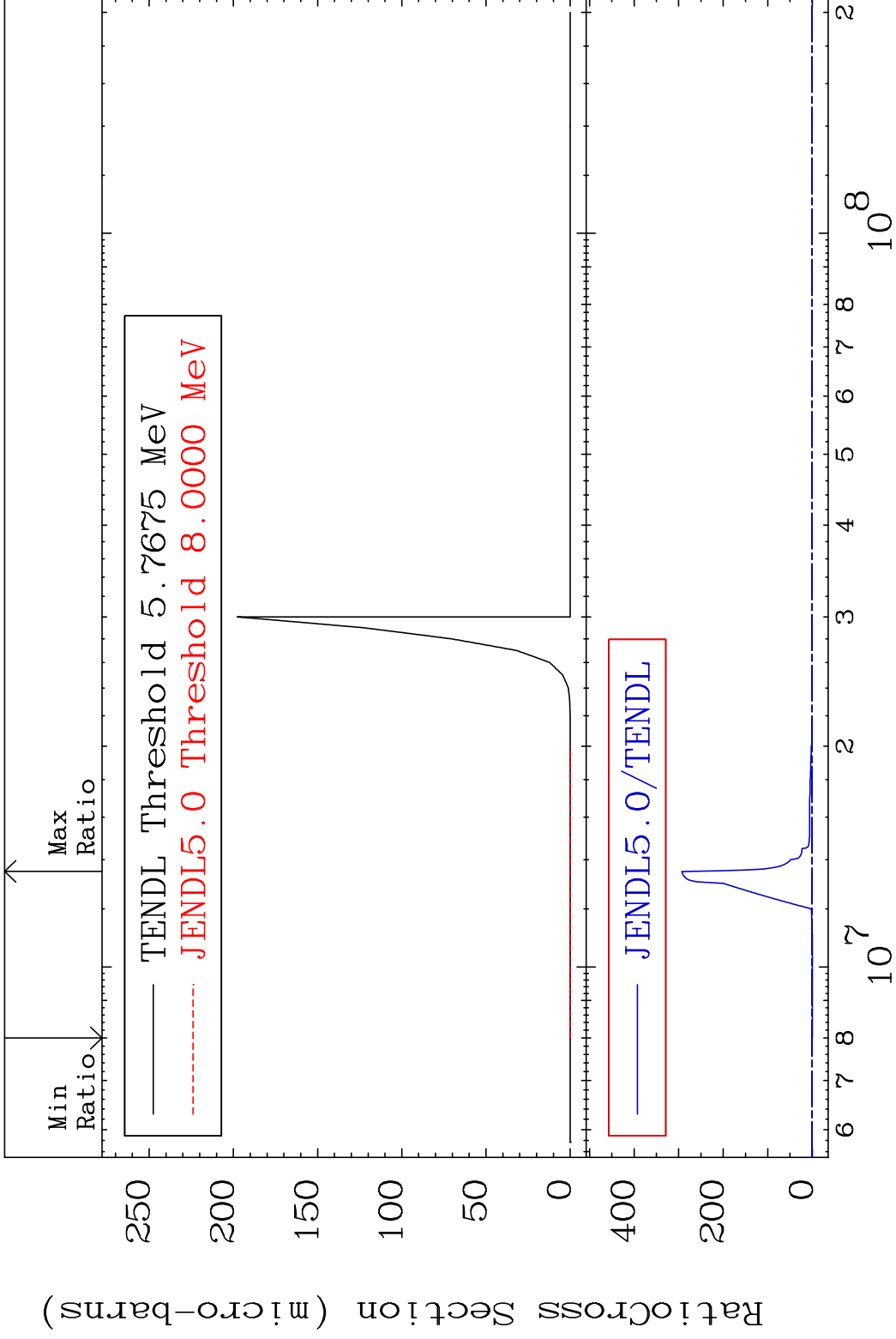
78-Pt-194

MAT 7837

(n, He-3)

78-Pt-194

Cross Section -100.0 To 9999. %



34

Incident Energy (eV)

78-Pt-194

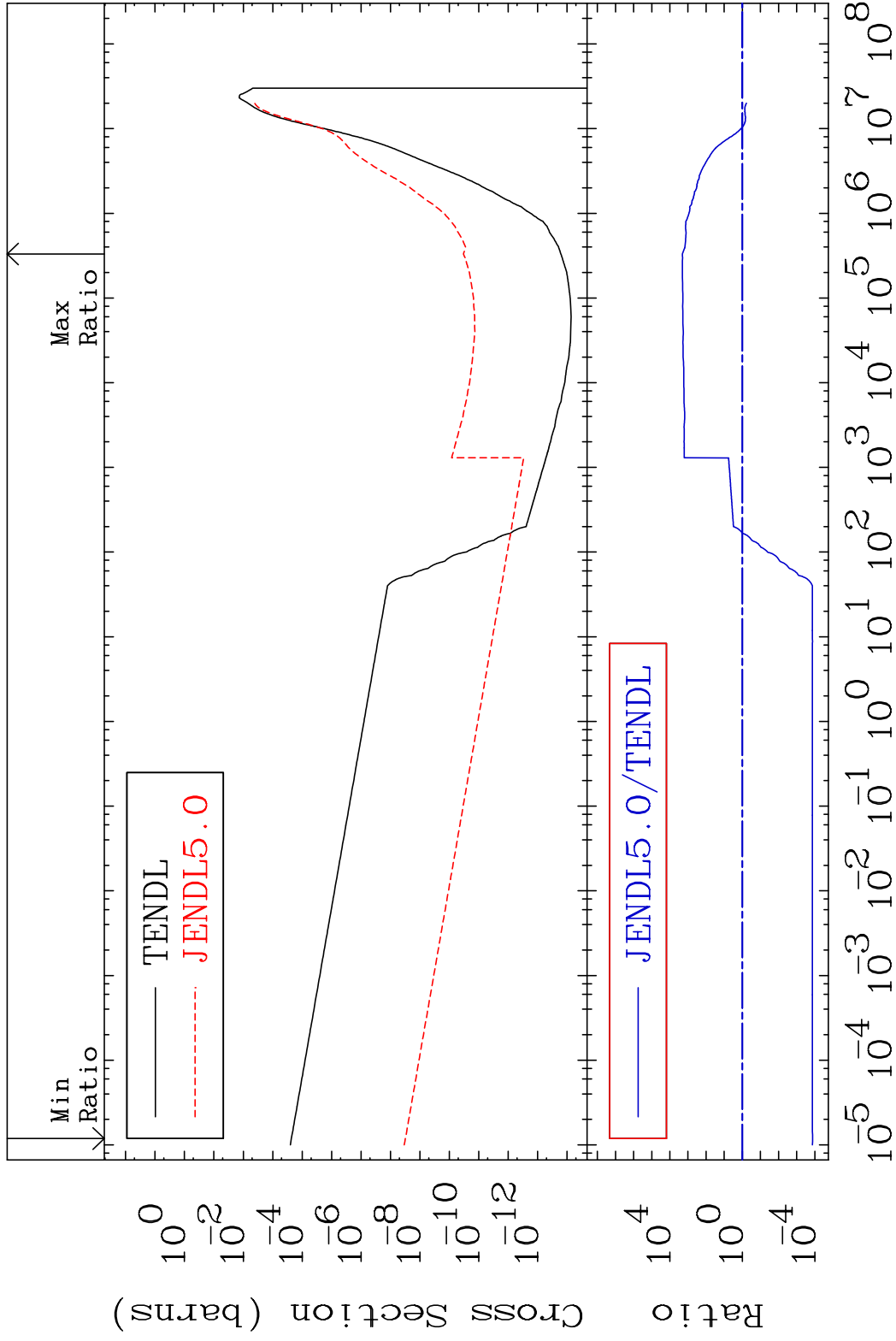
MAT 7837

(n, α)

78-Pt-194

Cross Section

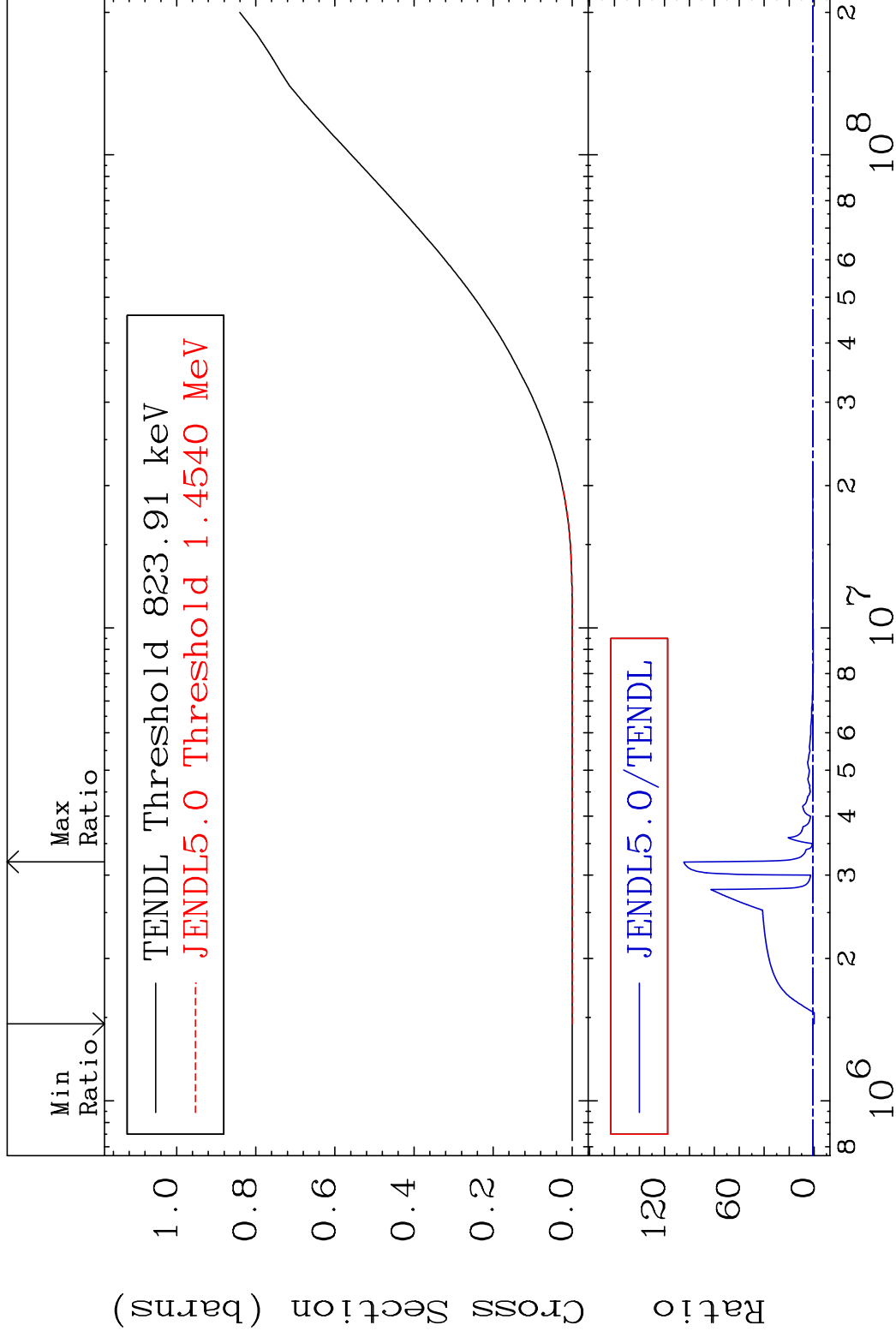
-99.99 To 9999. %



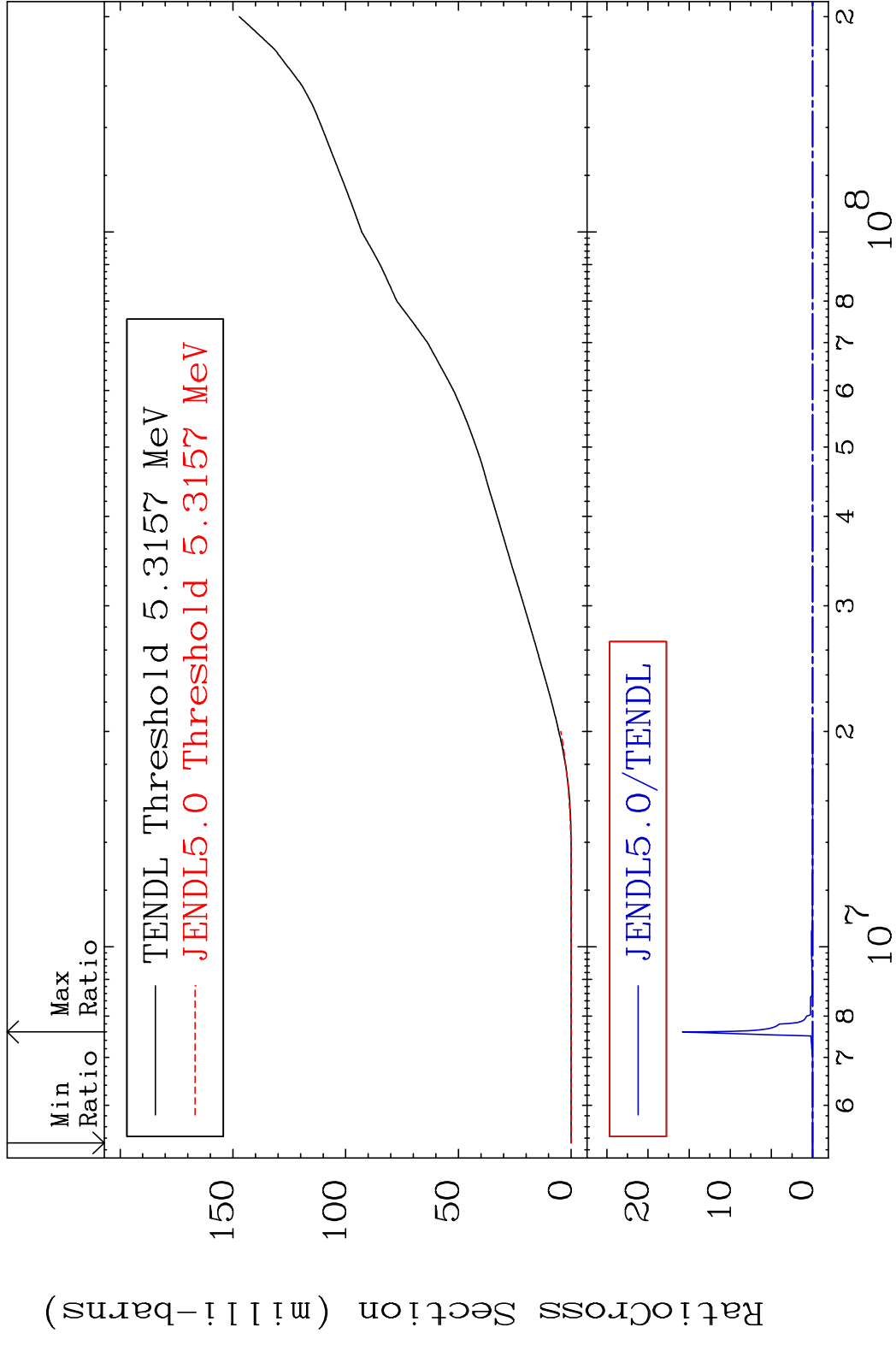
35

Incident Energy (eV)

78-Pt-194

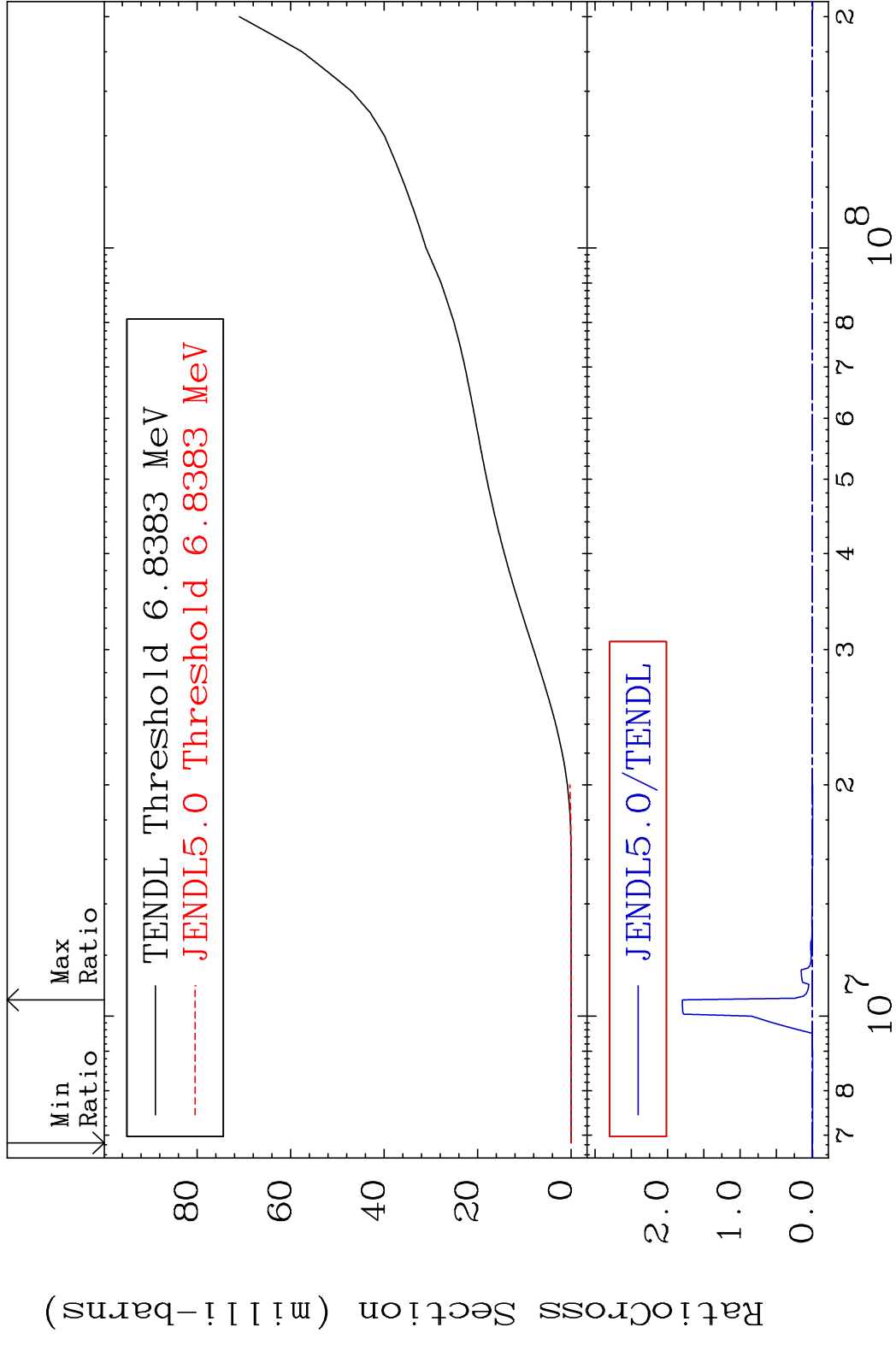


Cross Section -100.0 To 9999. %



MAT 7837

Tritium Production 78-Pt-194
Cross Section -100.0 To 9999. %

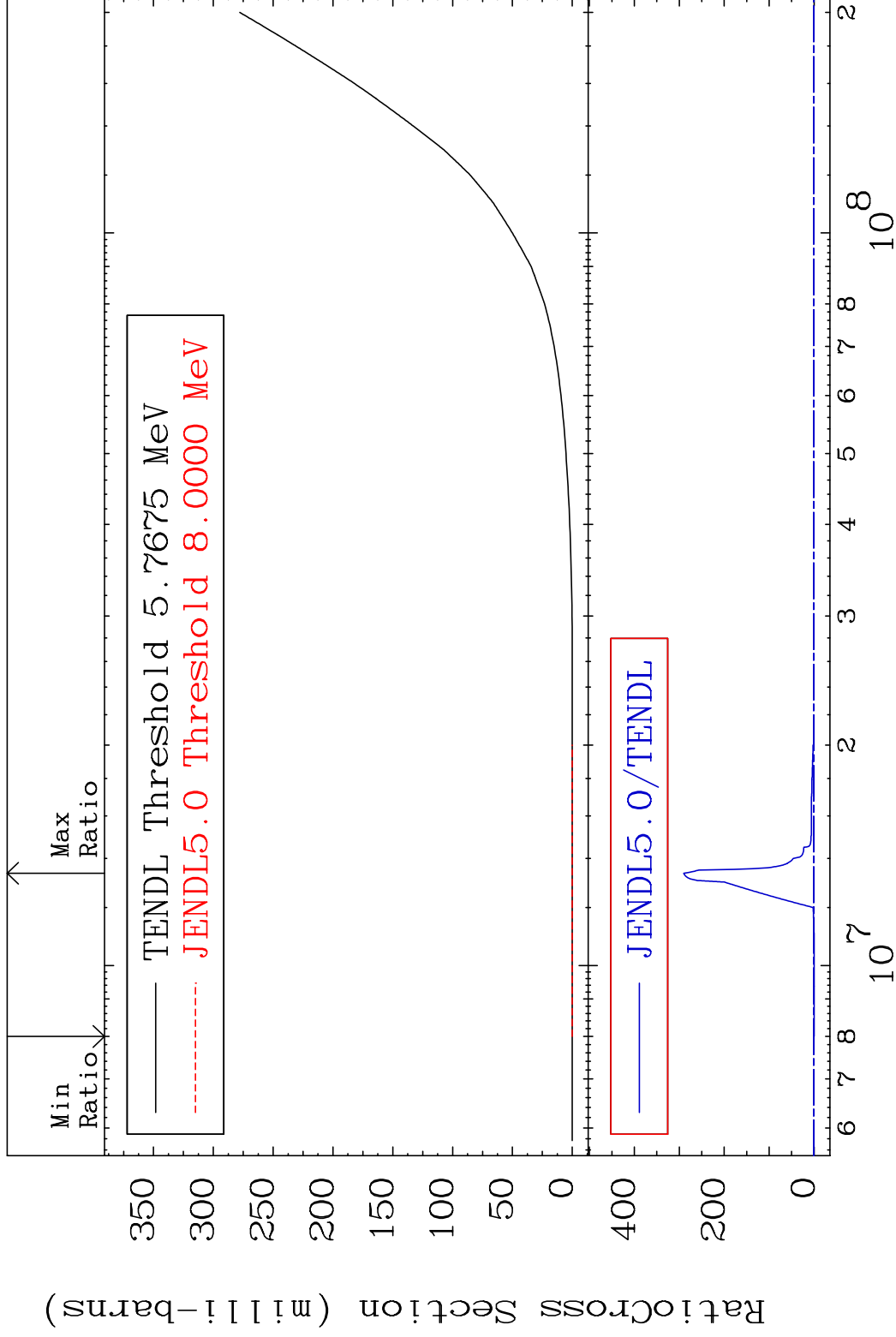


MAT 7837

He-3 Production

78-Pt-194

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

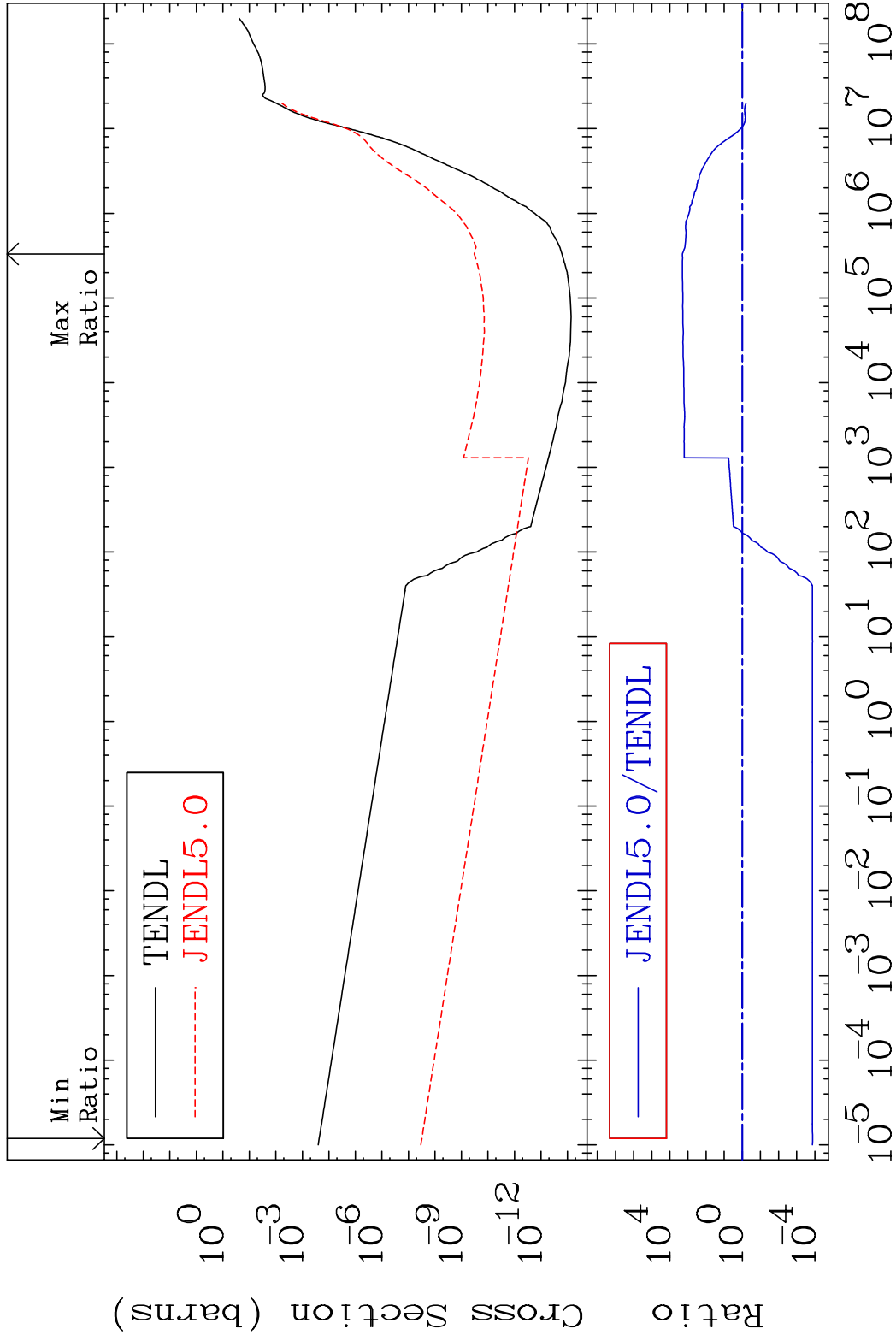
78-Pt-194

MAT 7837

He-4 Production

78-Pt-194

Cross Section -99.99 To 9999. %

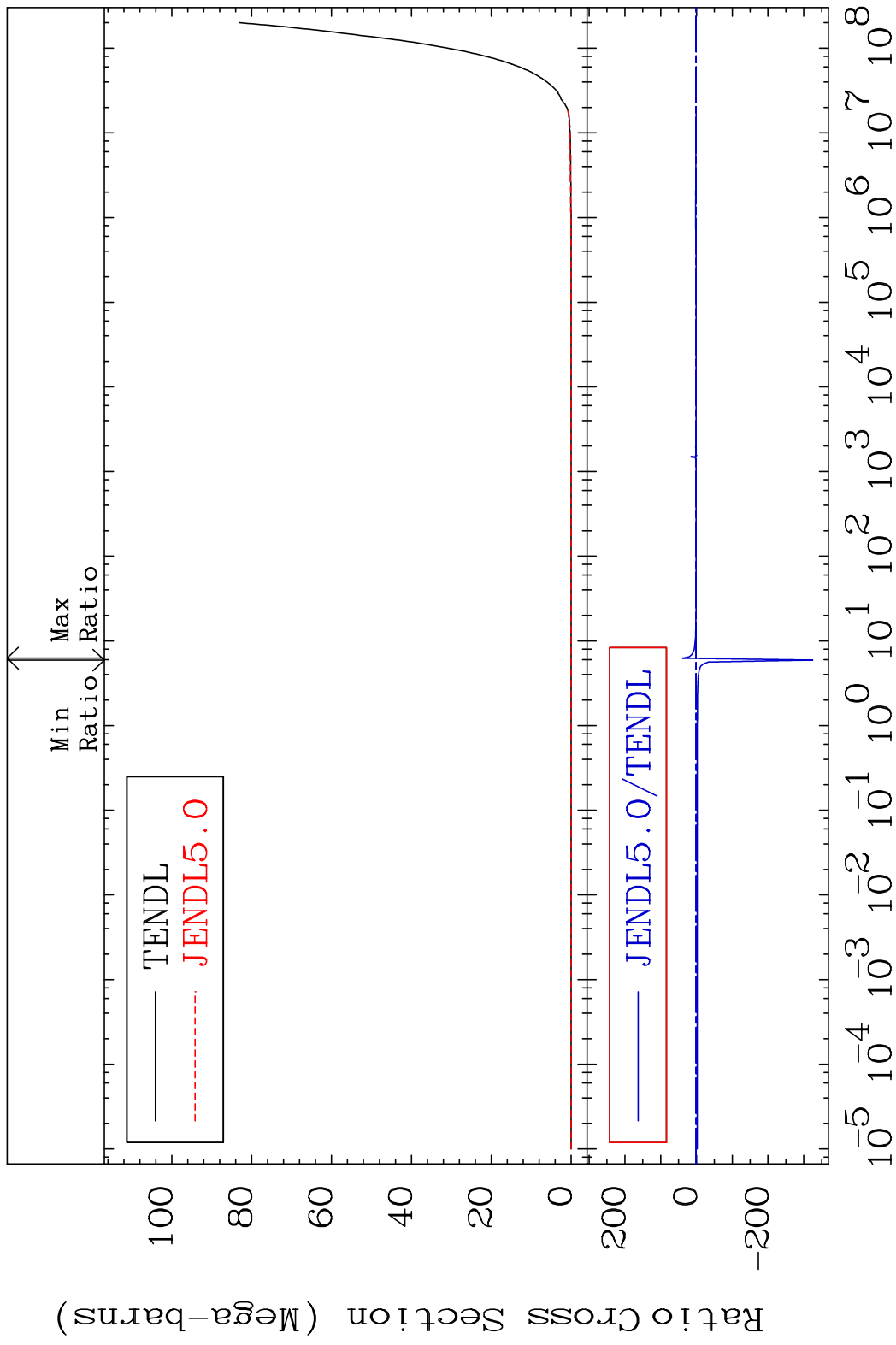


40

Incident Energy (eV)

78-Pt-194

MAT 7837 Kerma total (eV-barns) 78-Pt-194
 Cross Section -9999. To 3841. %



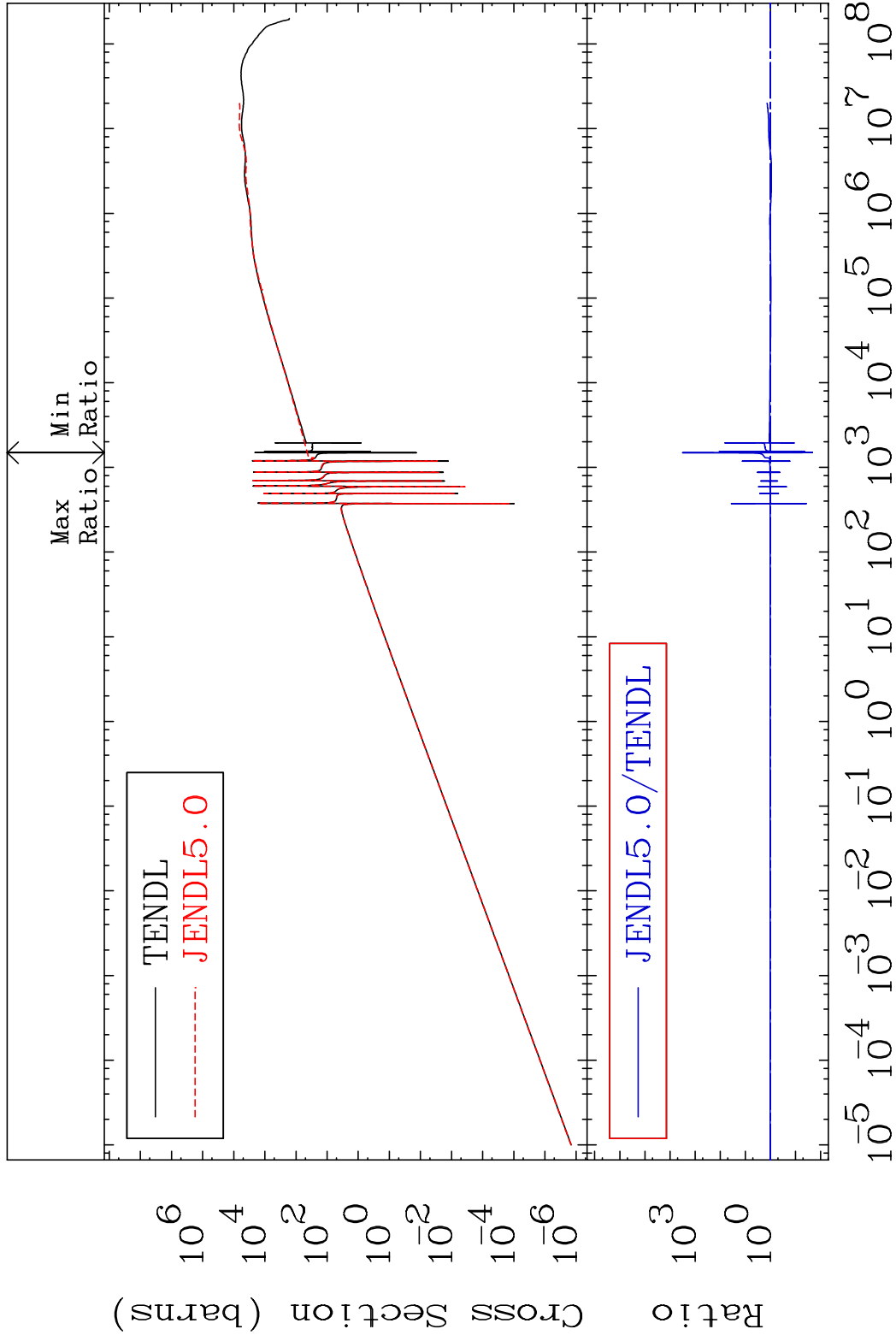
41 Incident Energy (eV) 78-Pt-194

MAT 7837

Kerma elastic

78-Pt-194

Cross Section -97.92 To 9999. %

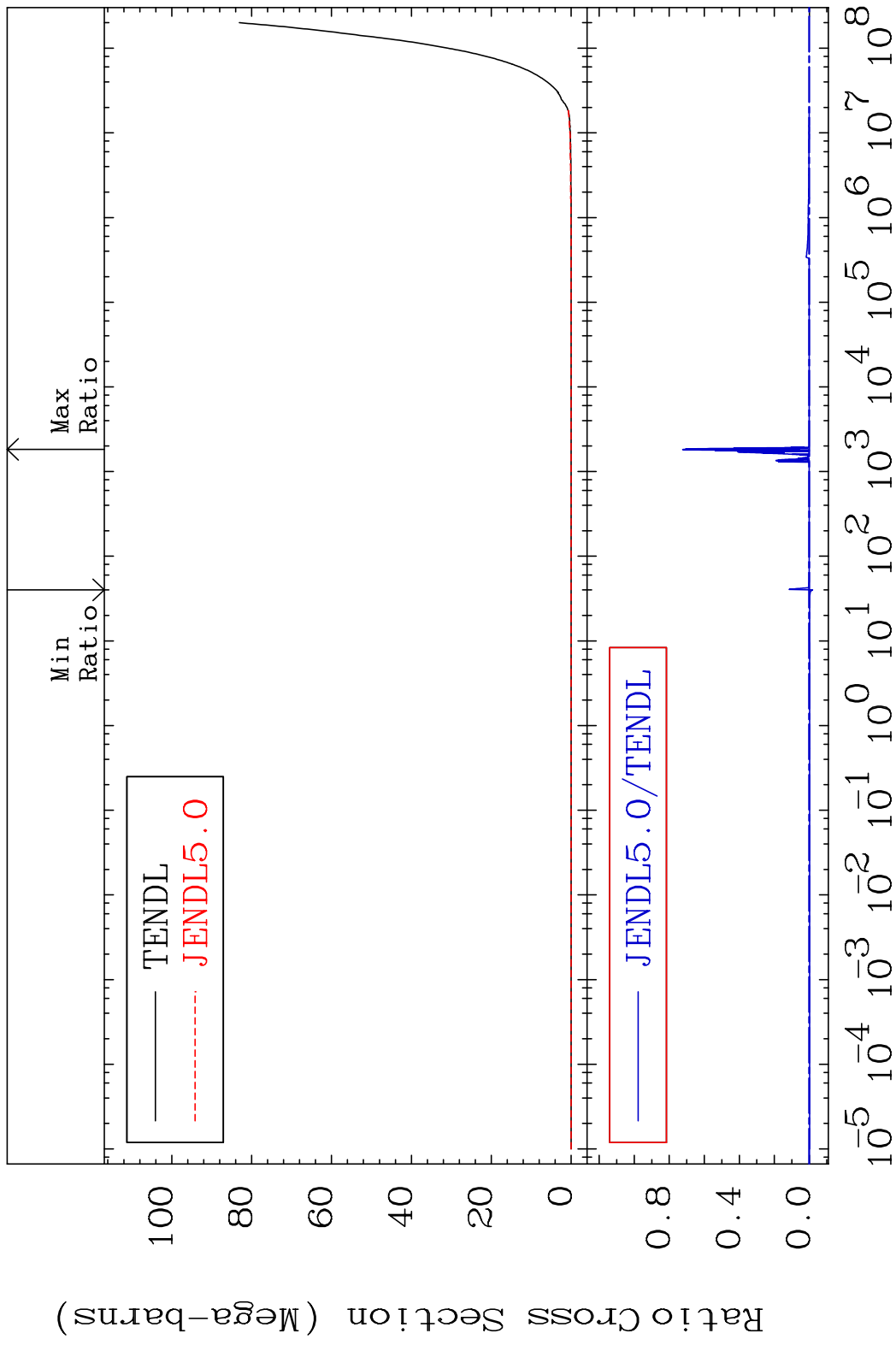


42

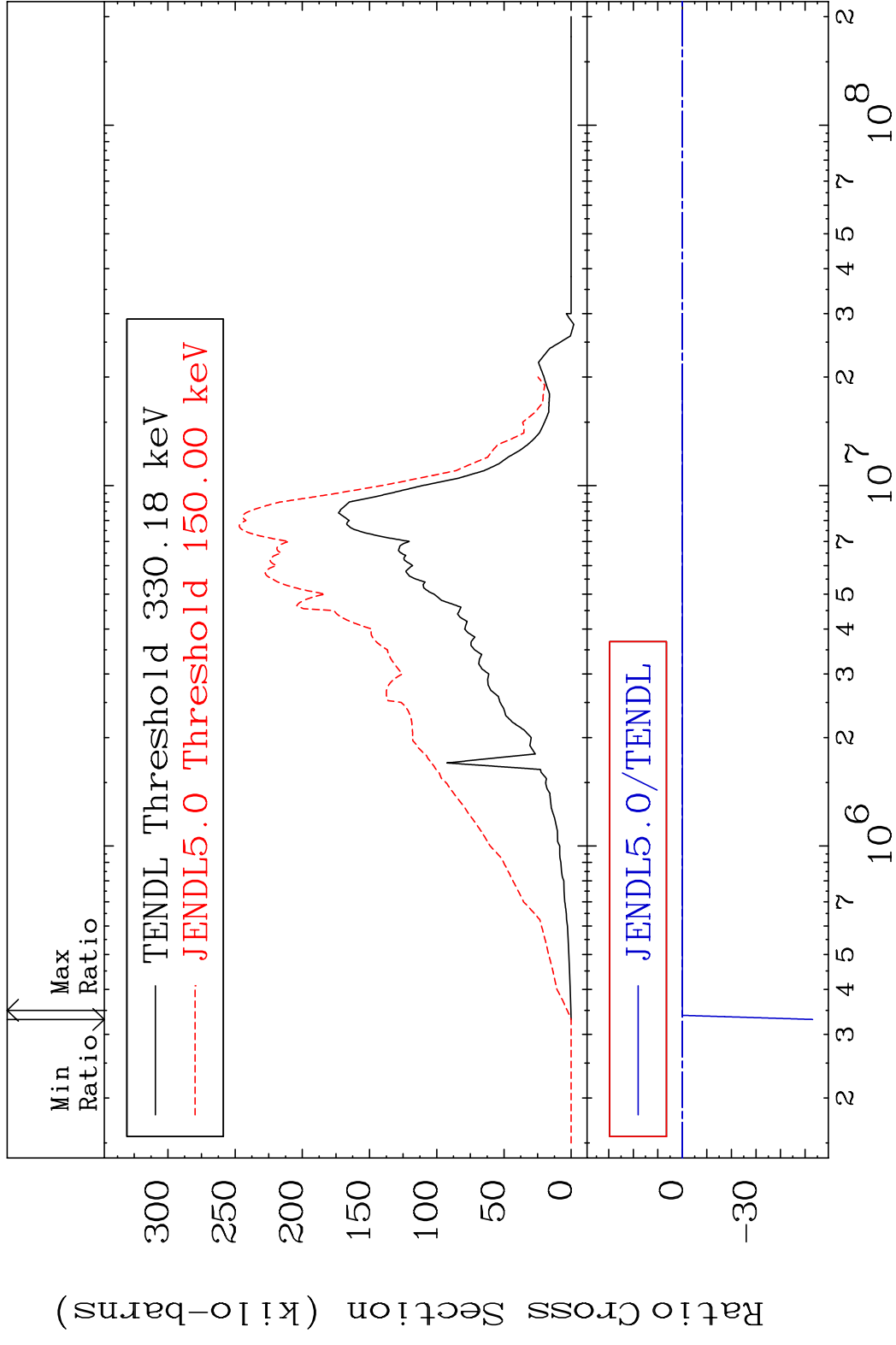
Incident Energy (eV)

78-Pt-194

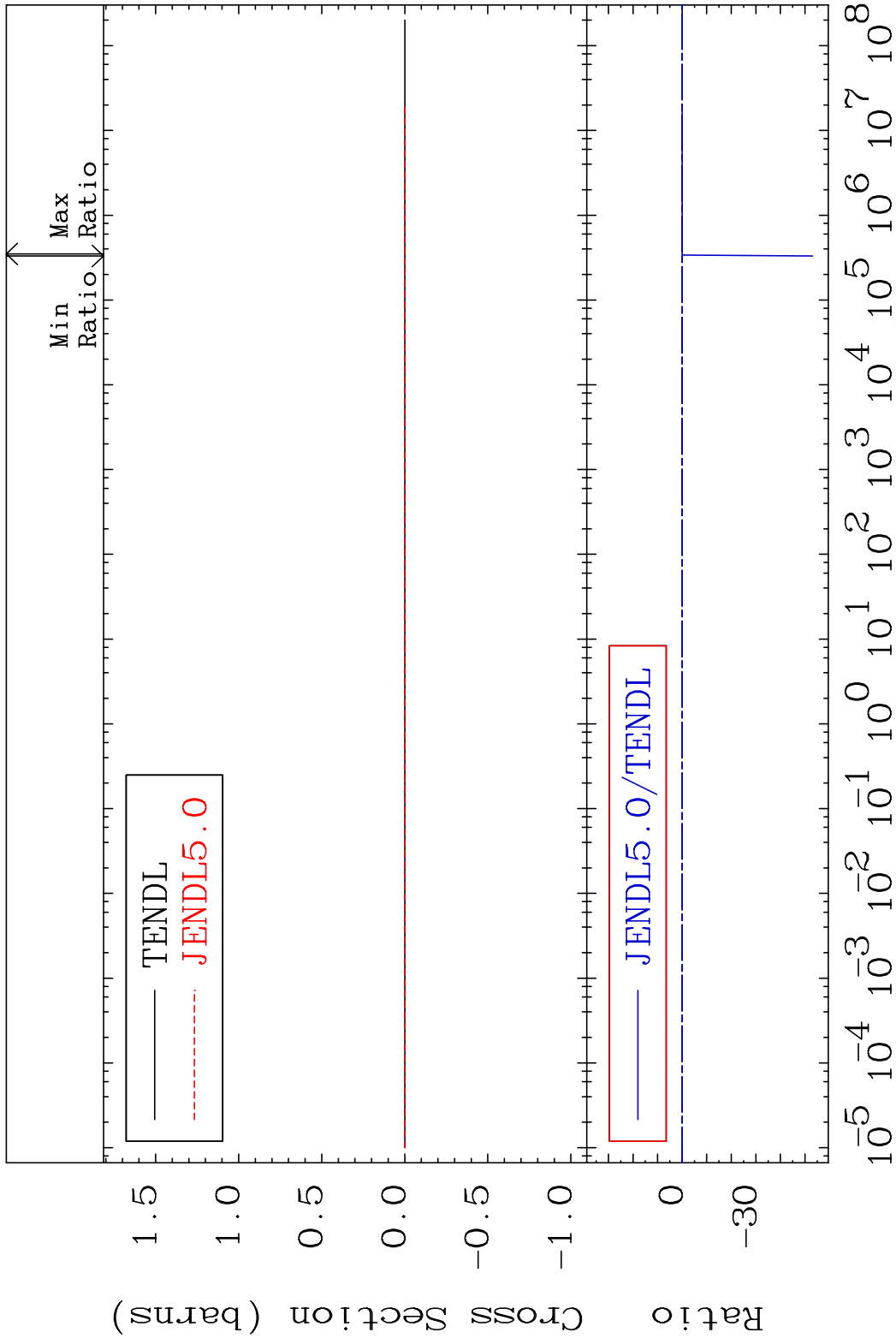
MAT 7837 Kerma non-elastic (all but mt2) 78-Pt-194
 Cross Section -1950. To 9999. %

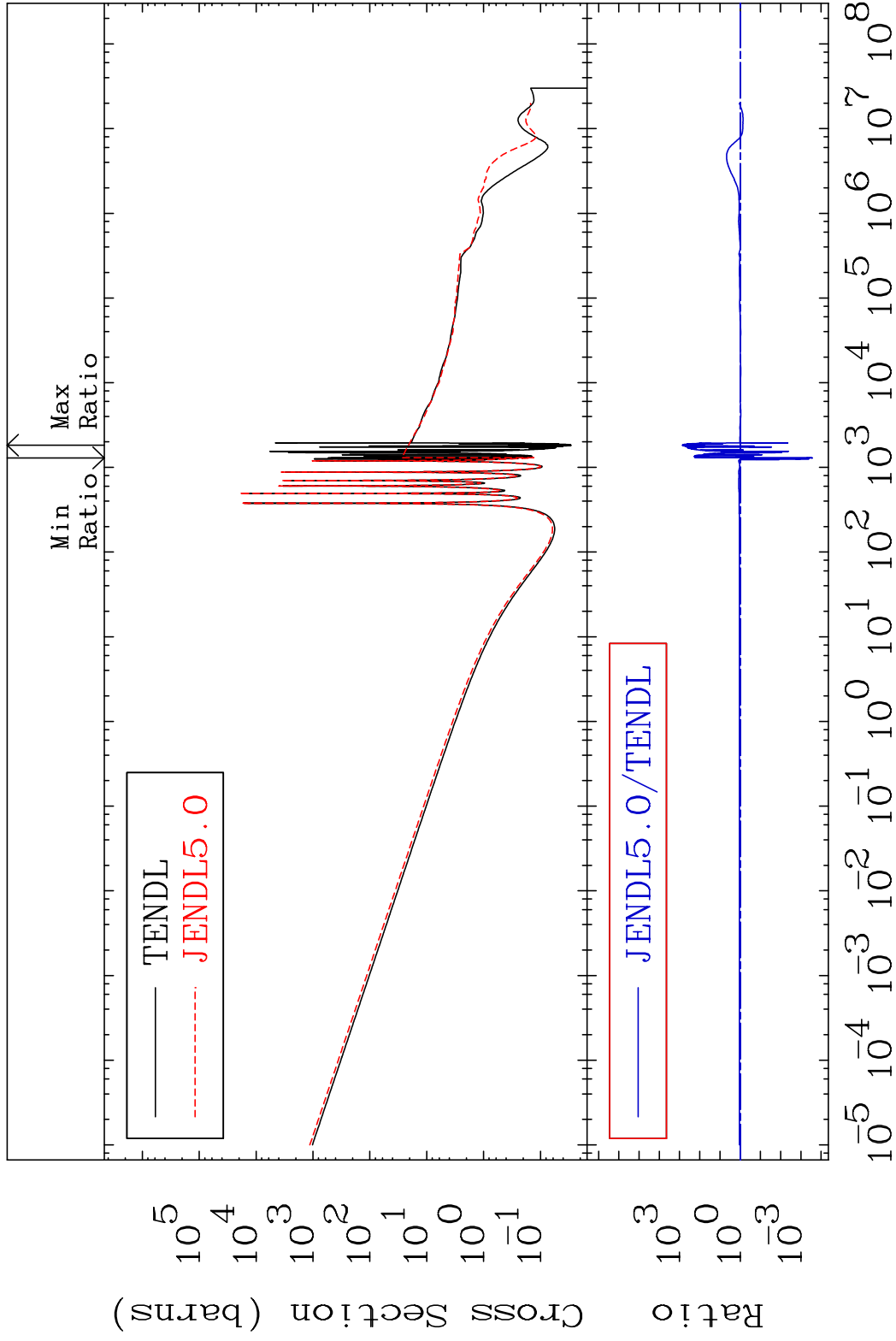


MAT 7837 Kerma inelastic (mt51-91) 78-Pt-194
 Cross Section -9999. To 1703. %



MAT 7837 Kerma fission (mt18 or mt19-20-21-38)78-Pt-194
 Cross Section -9999. To 1703. %



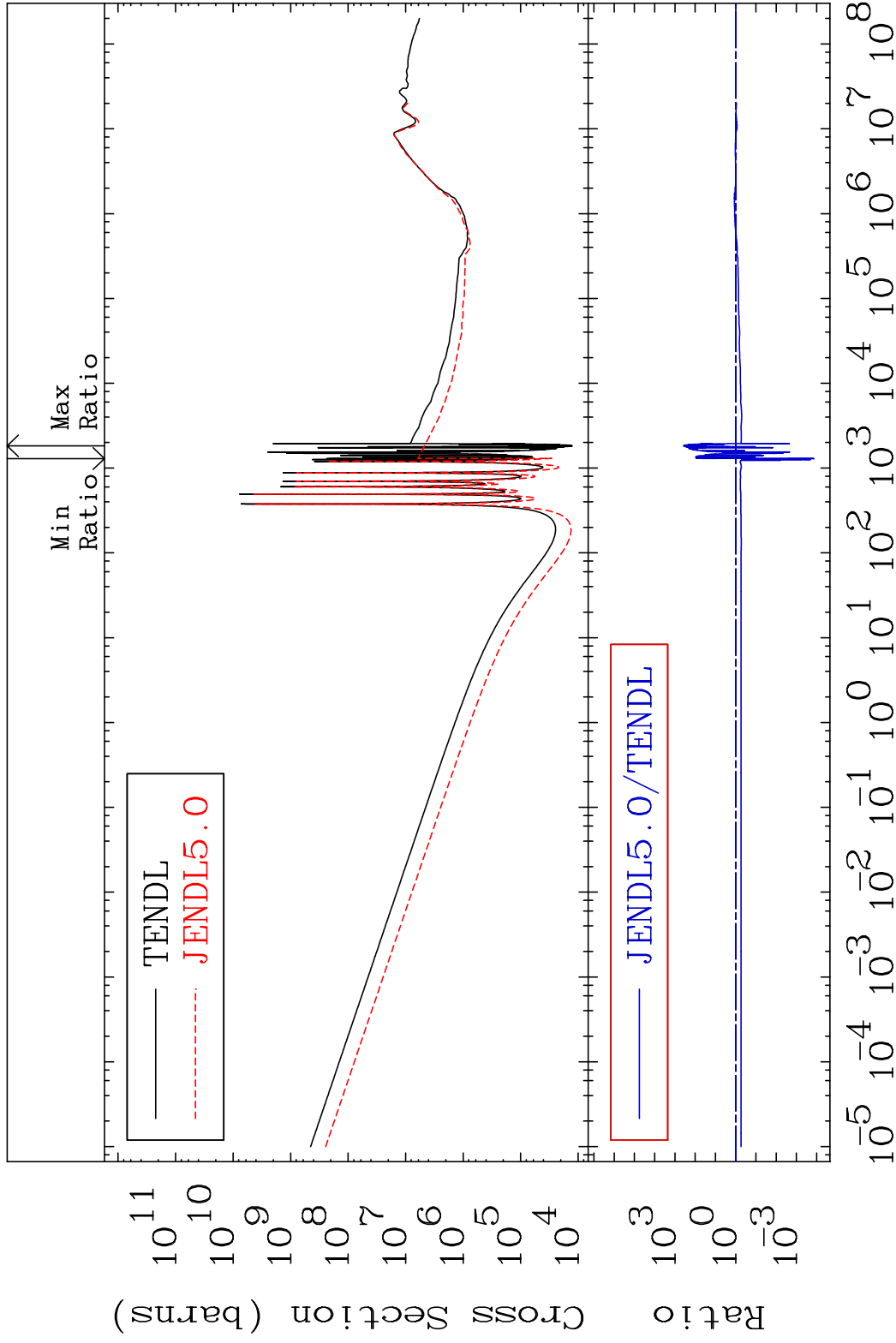


MAT 7837

Total photon (eV-barns)

78-Pt-194

Cross Section -99.99 To 9999. %

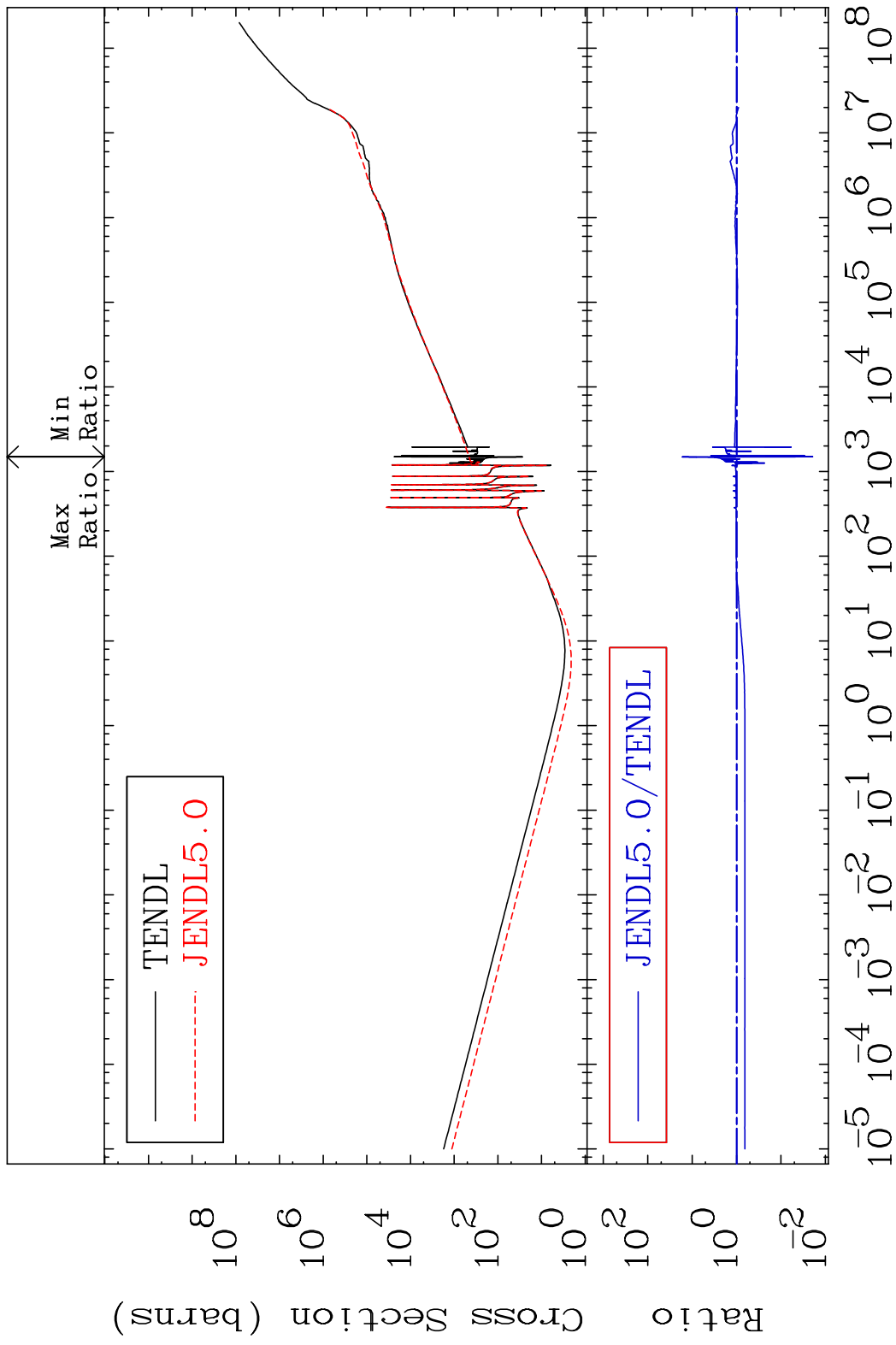


47

Incident Energy (eV)

78-Pt-194

MAT 7837 Total kinematic kerma (high limit) 78-Pt-194
Cross Section -98.05 To 1561. %

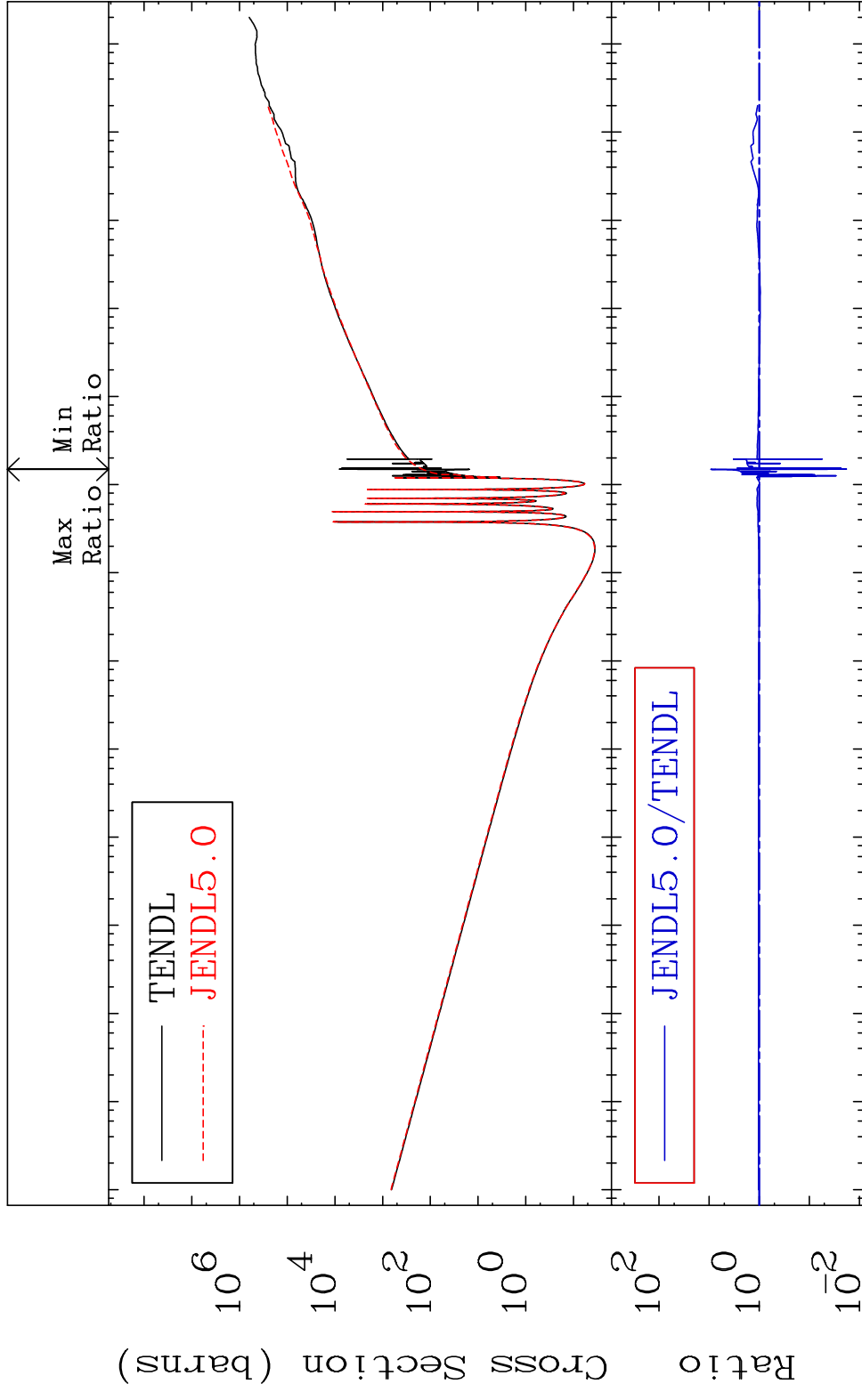


MAT 7837

Dpa total (eV-barns)

78-Pt-194

Cross Section -98.18 To 830.4 %



49

Incident Energy (eV)

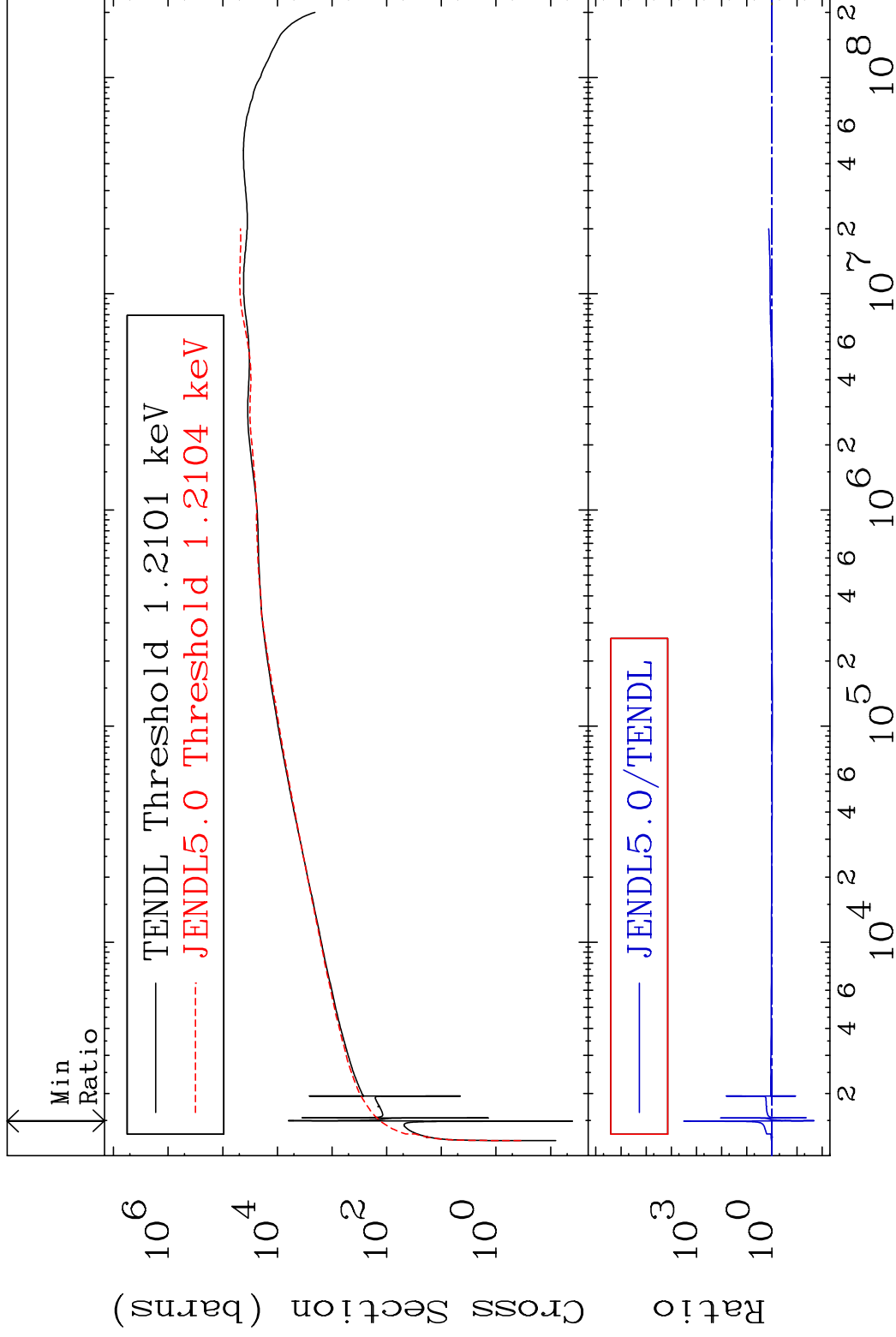
78-Pt-194

MAT 7837

Dpa elastic (mt2)

78-Pt-194

Cross Section -97.92 To 9999. %

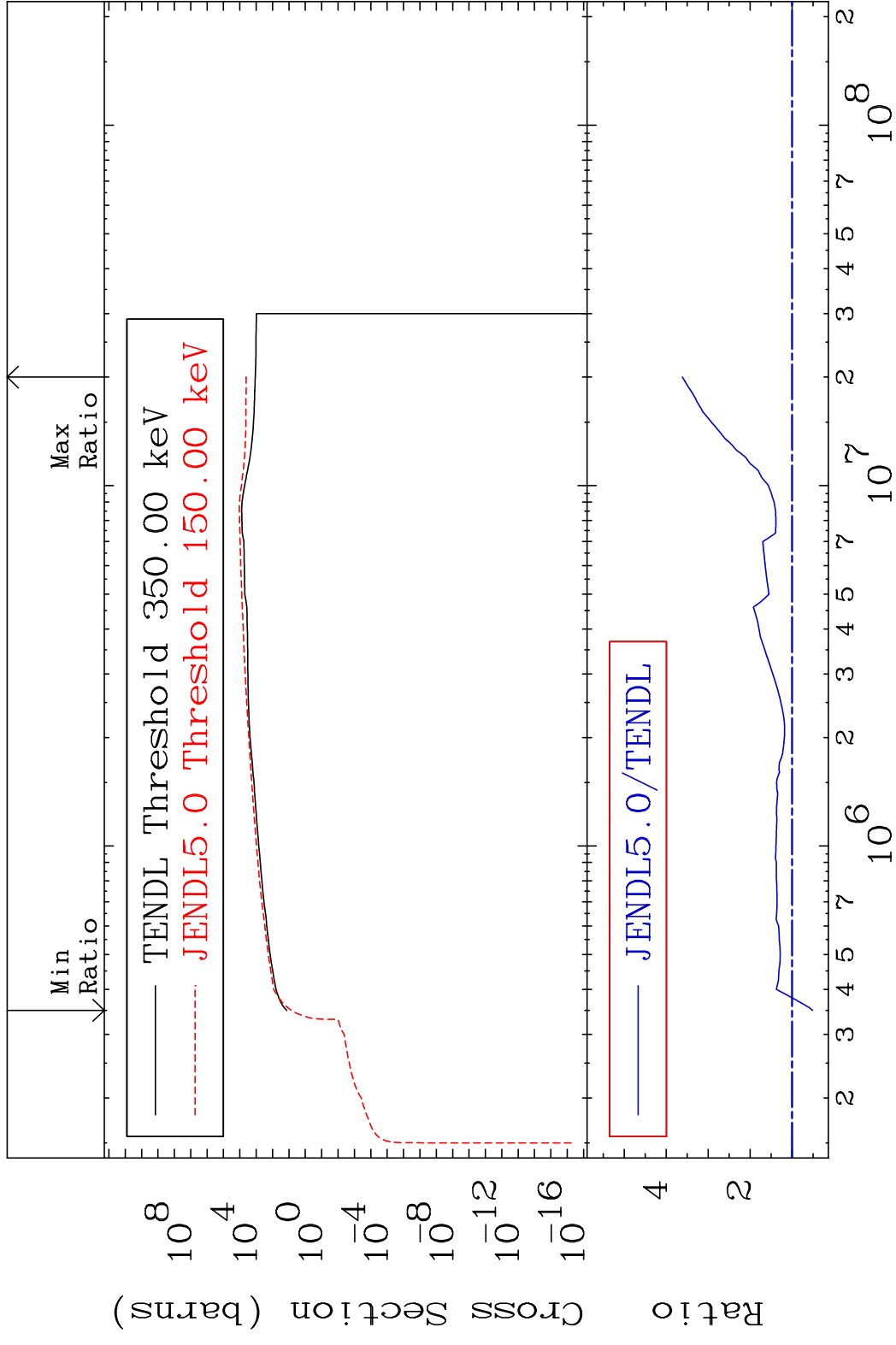


50

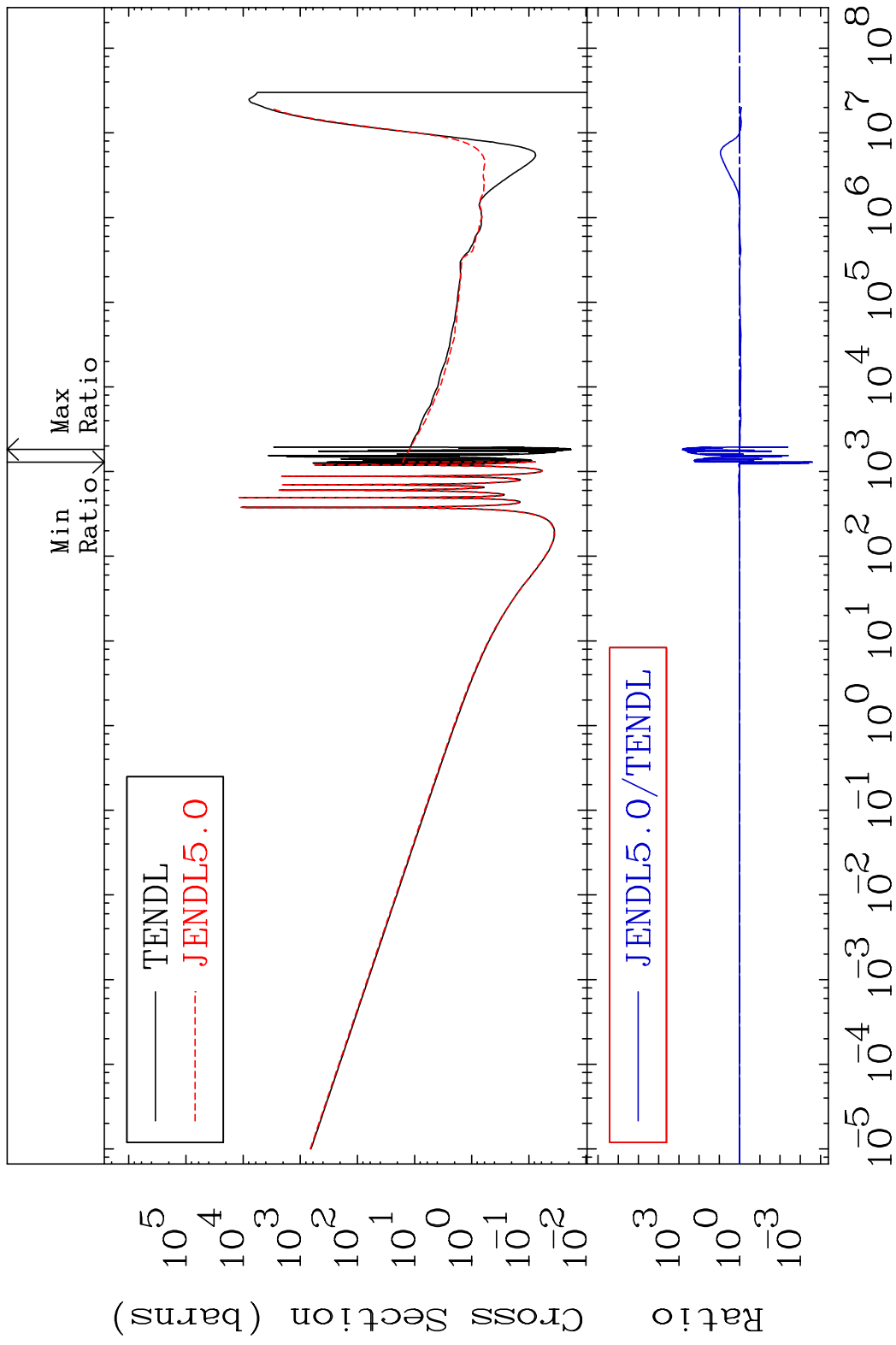
Incident Energy (eV)

78-Pt-194

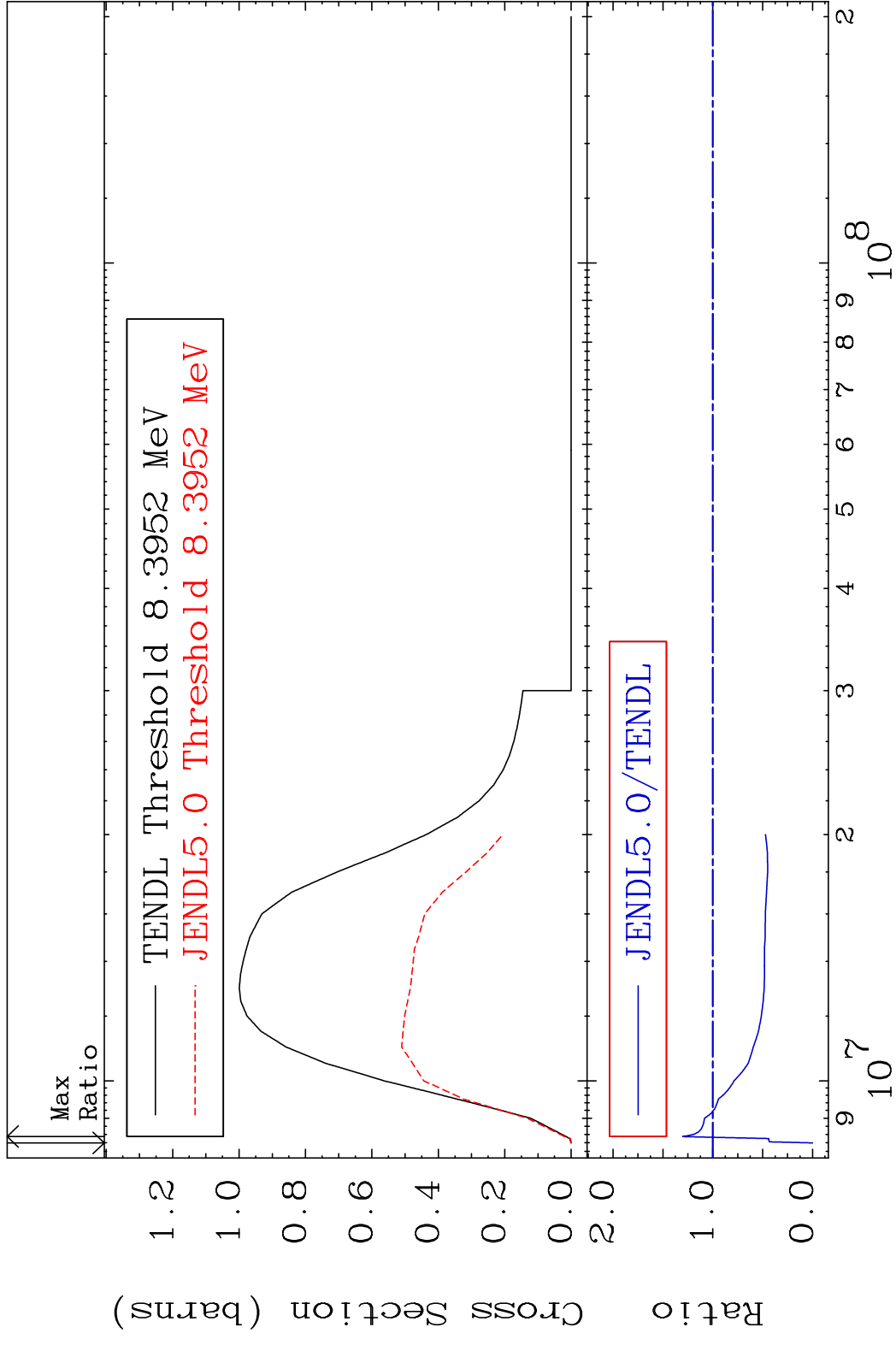
MAT 7837 Dpa inelastic (mt51-91) 78-Pt-194
 Cross Section -48.85 To 261.6 %



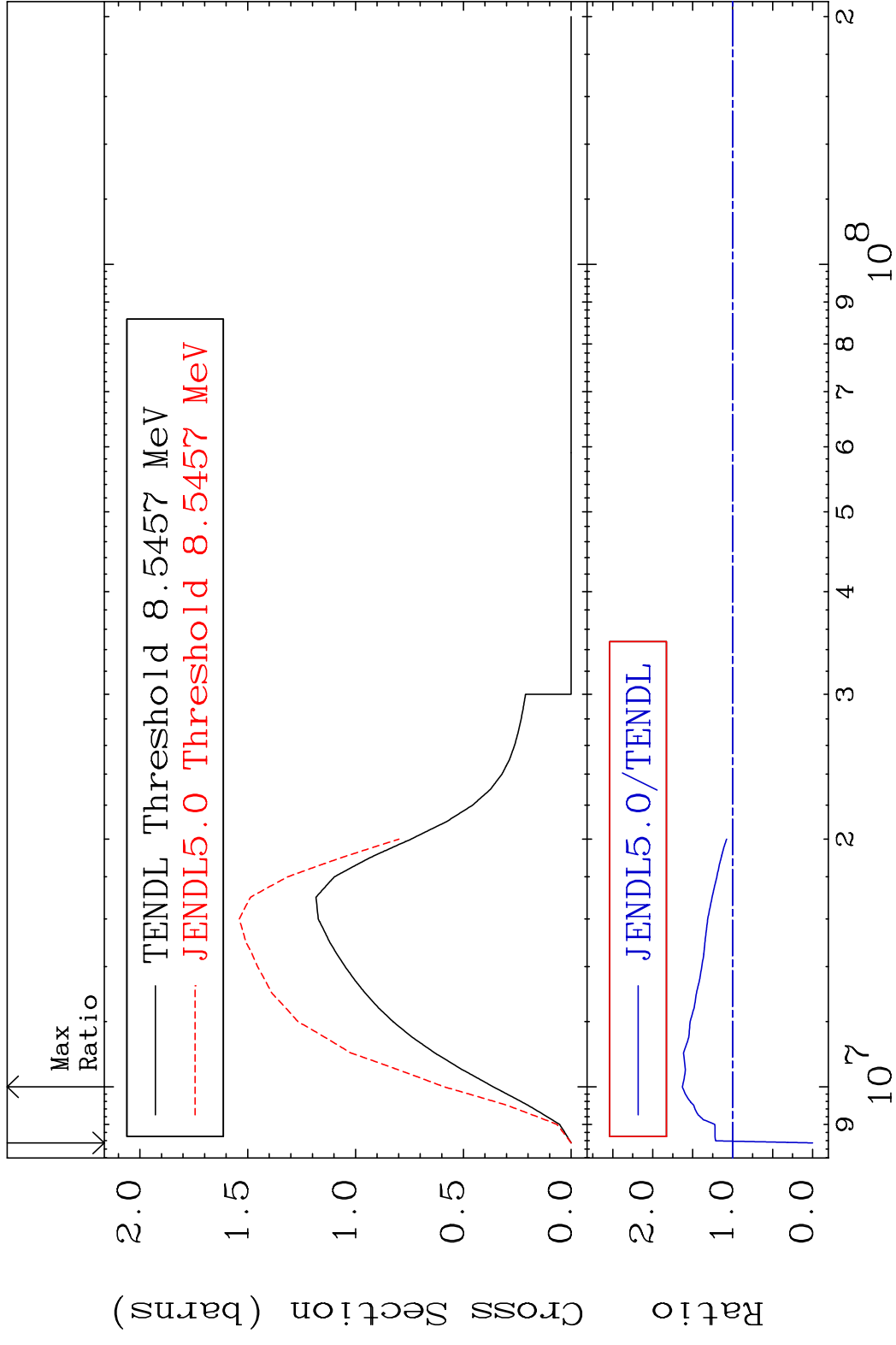
MAT 7837 Dpa disappearance (mt102 -120) 78-Pt-194
 Cross Section -99.98 To 9999. %

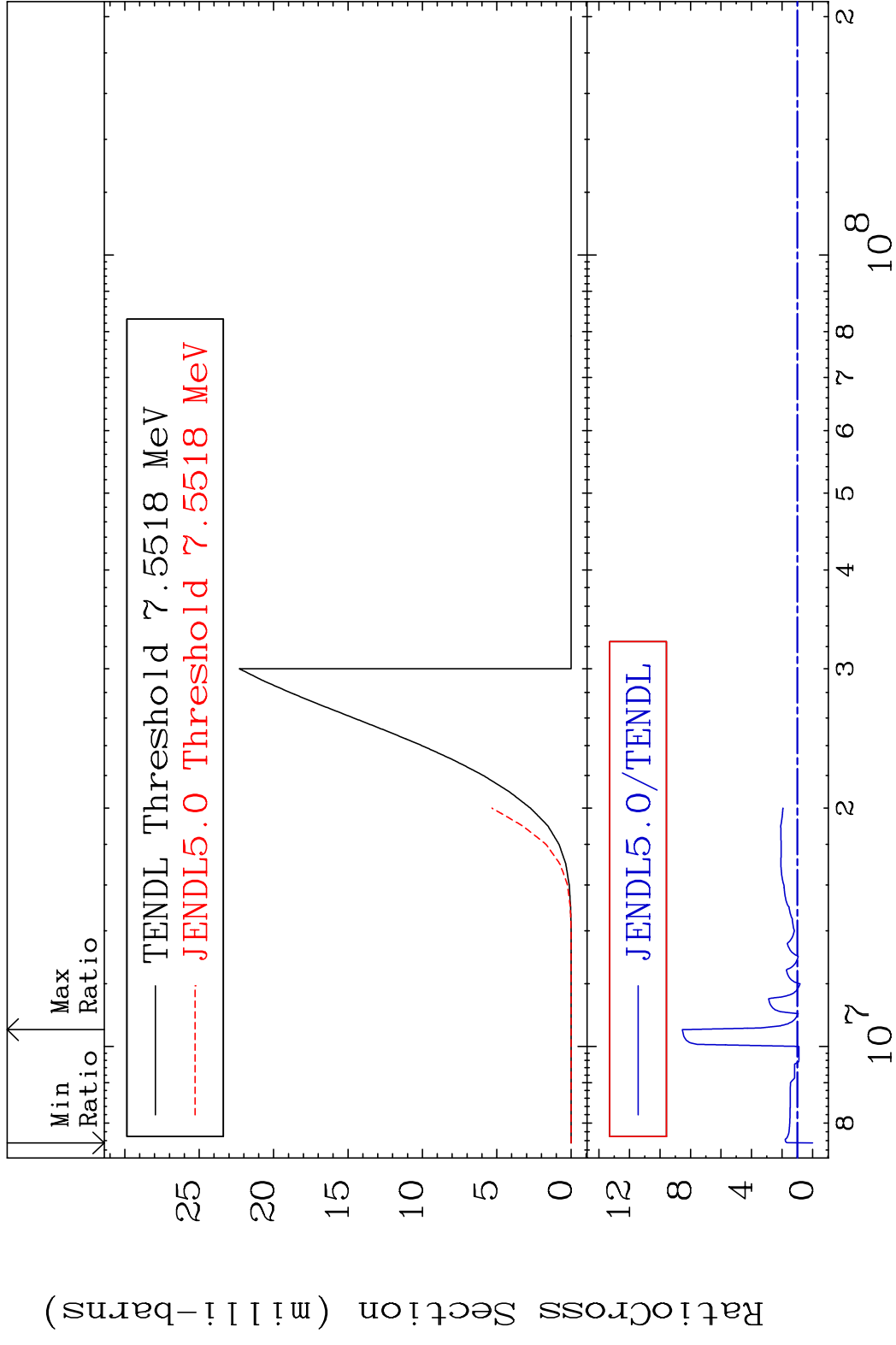


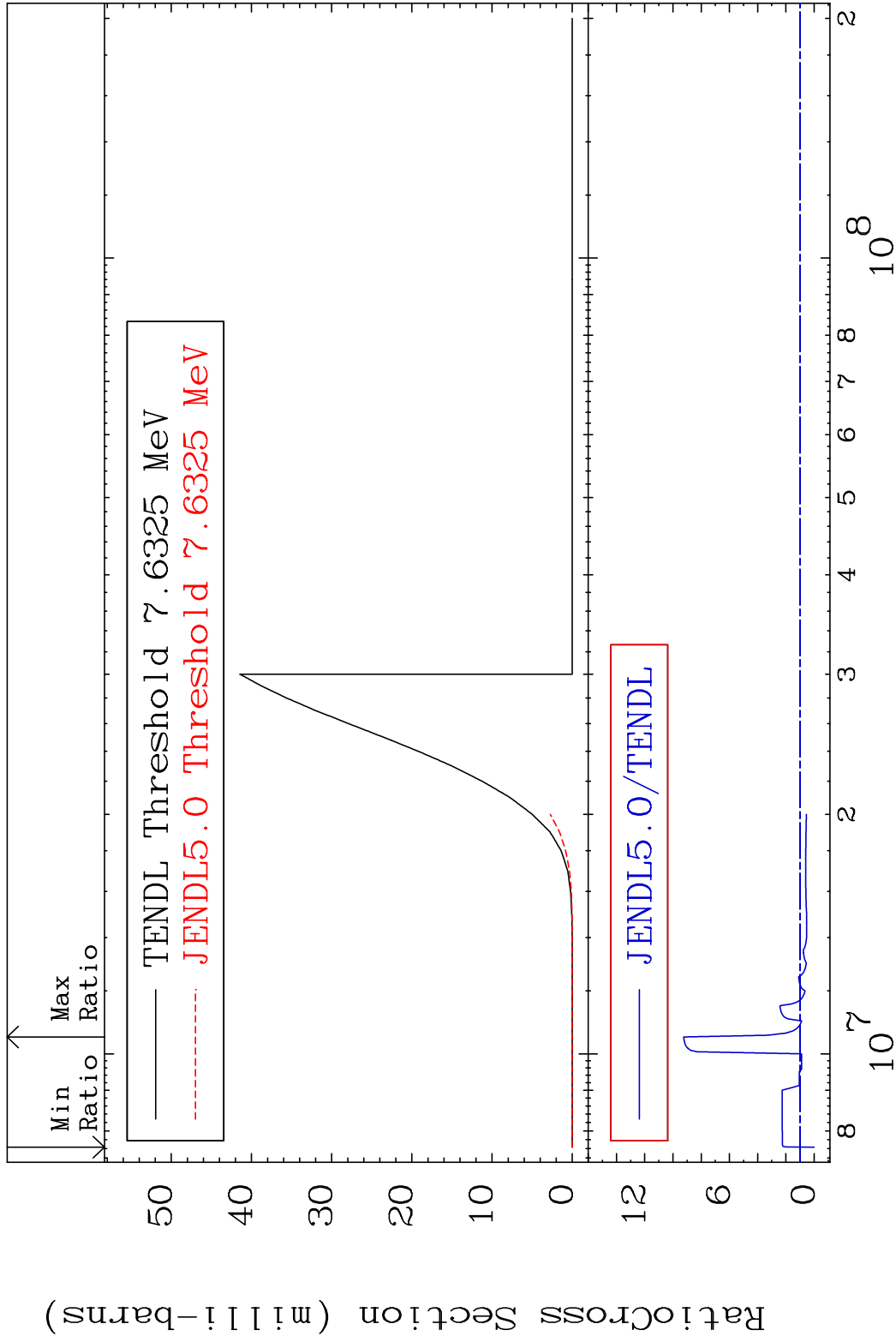
MAT 7837 (n,2n):78-Pt-193g 78-Pt-194
 Radionuclide Production Cross Section Ratio 30.52 %

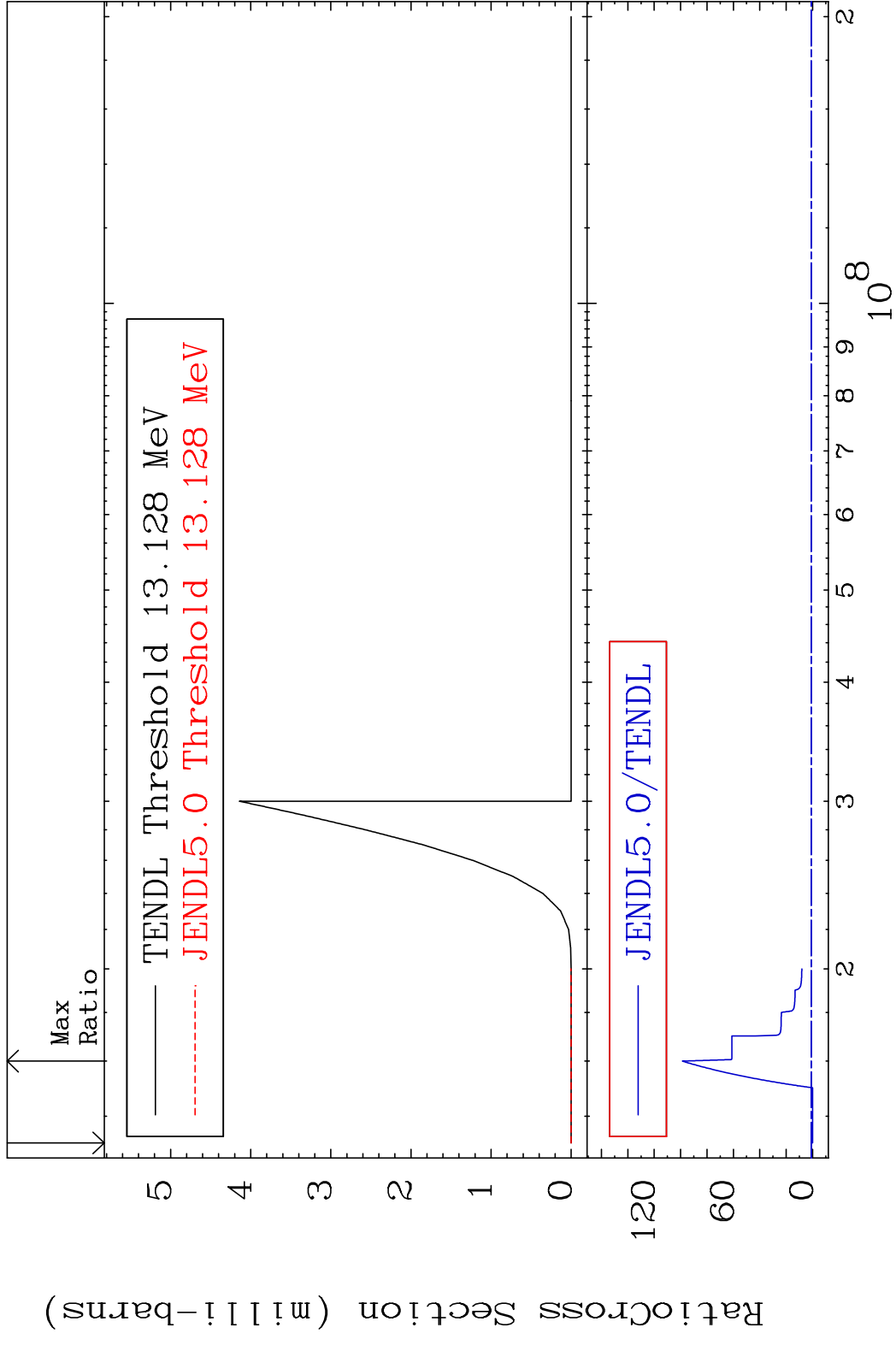


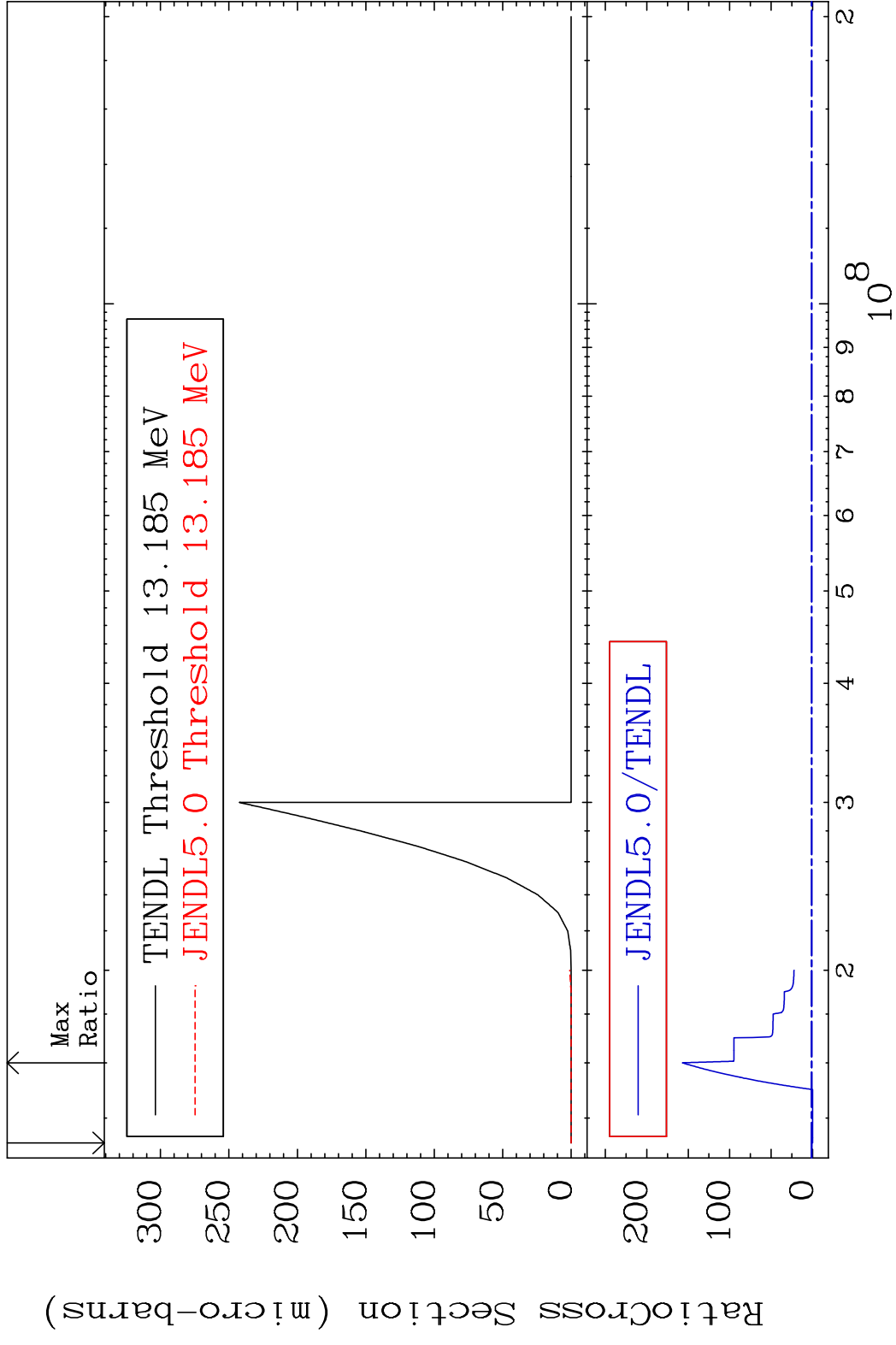
MAT 7837 (n,2n):78-Pt-193m5 78-Pt-194
 Radionuclide Production Cross Section Ratio 62.93 %

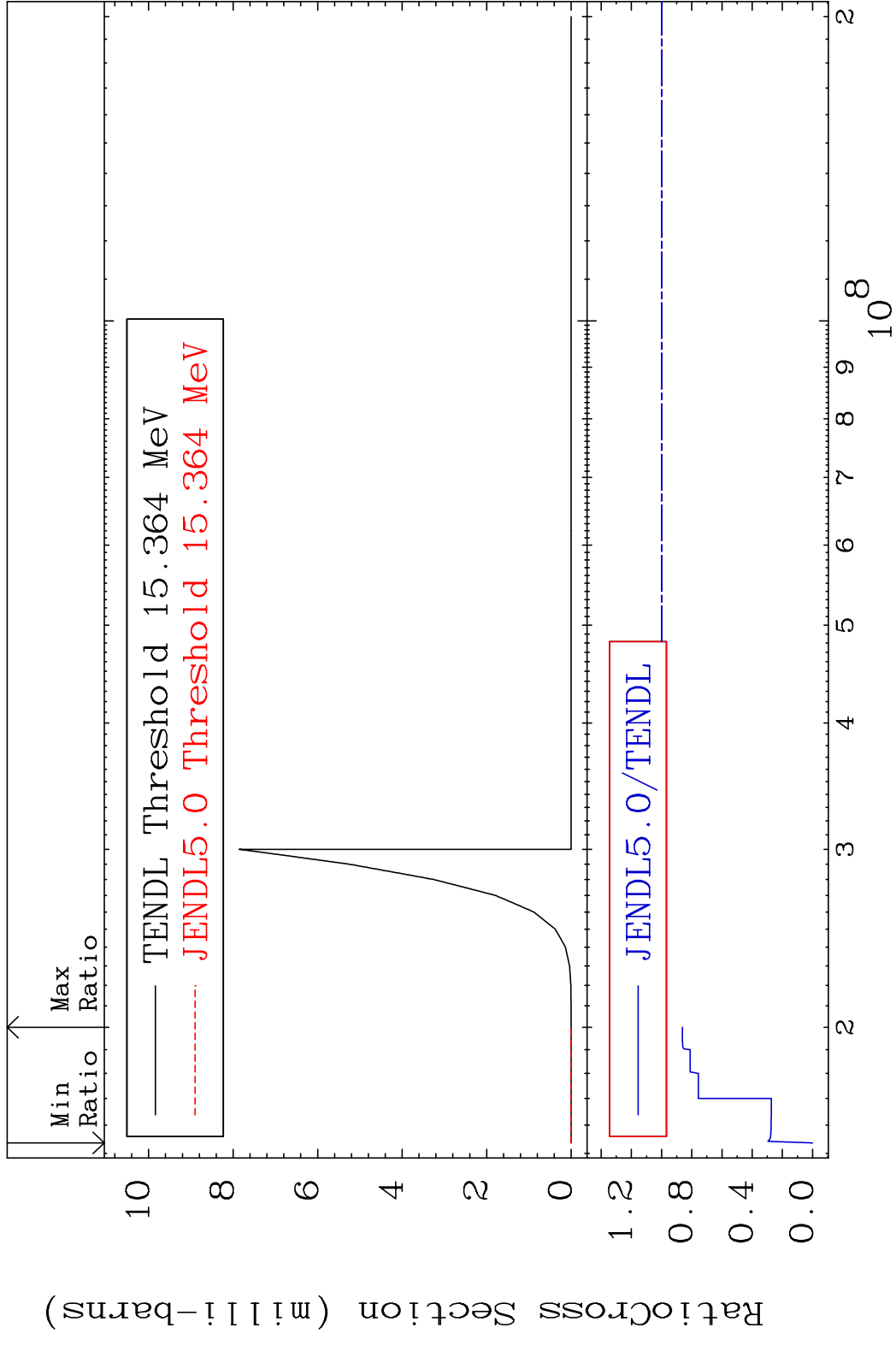


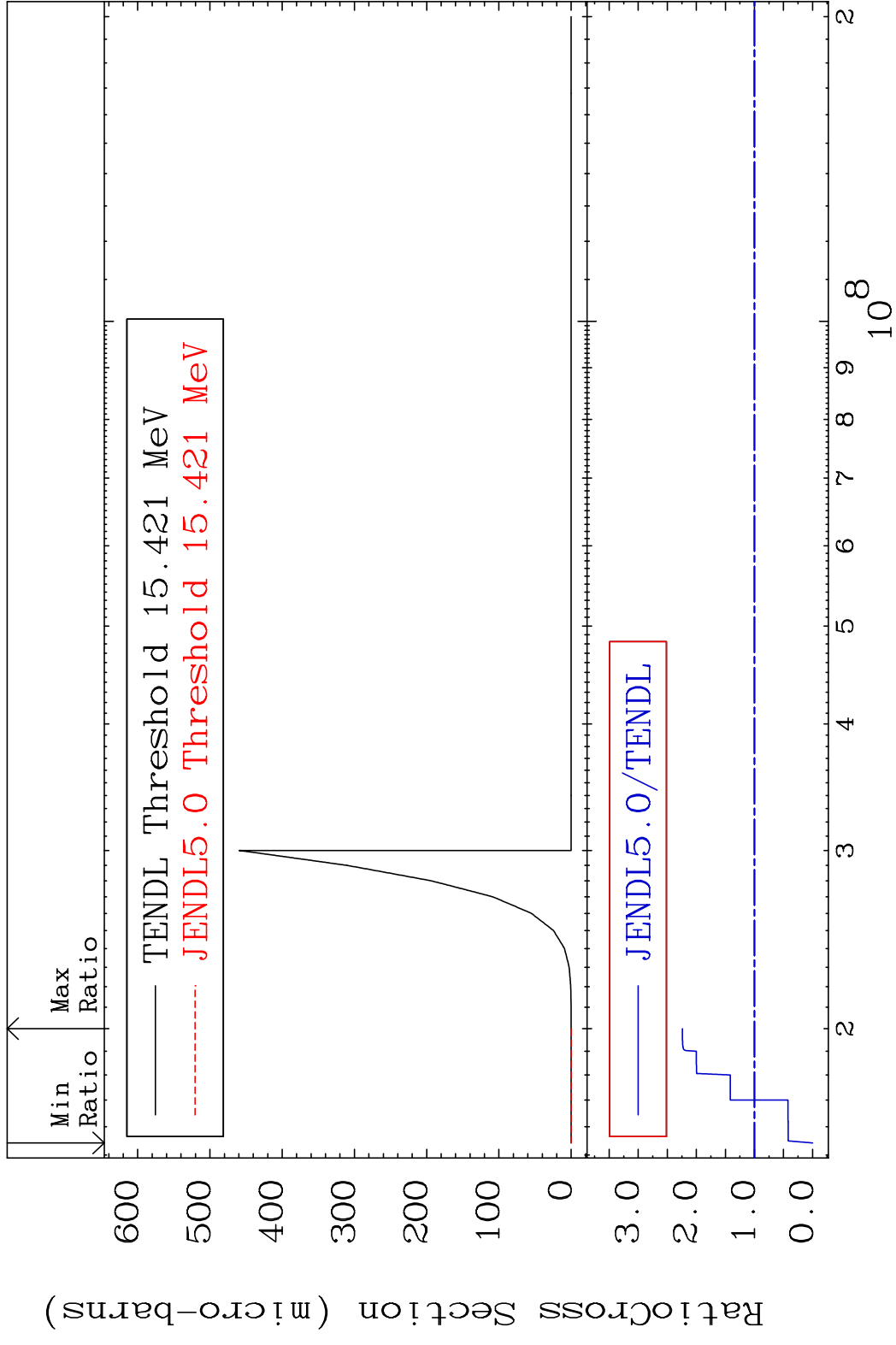


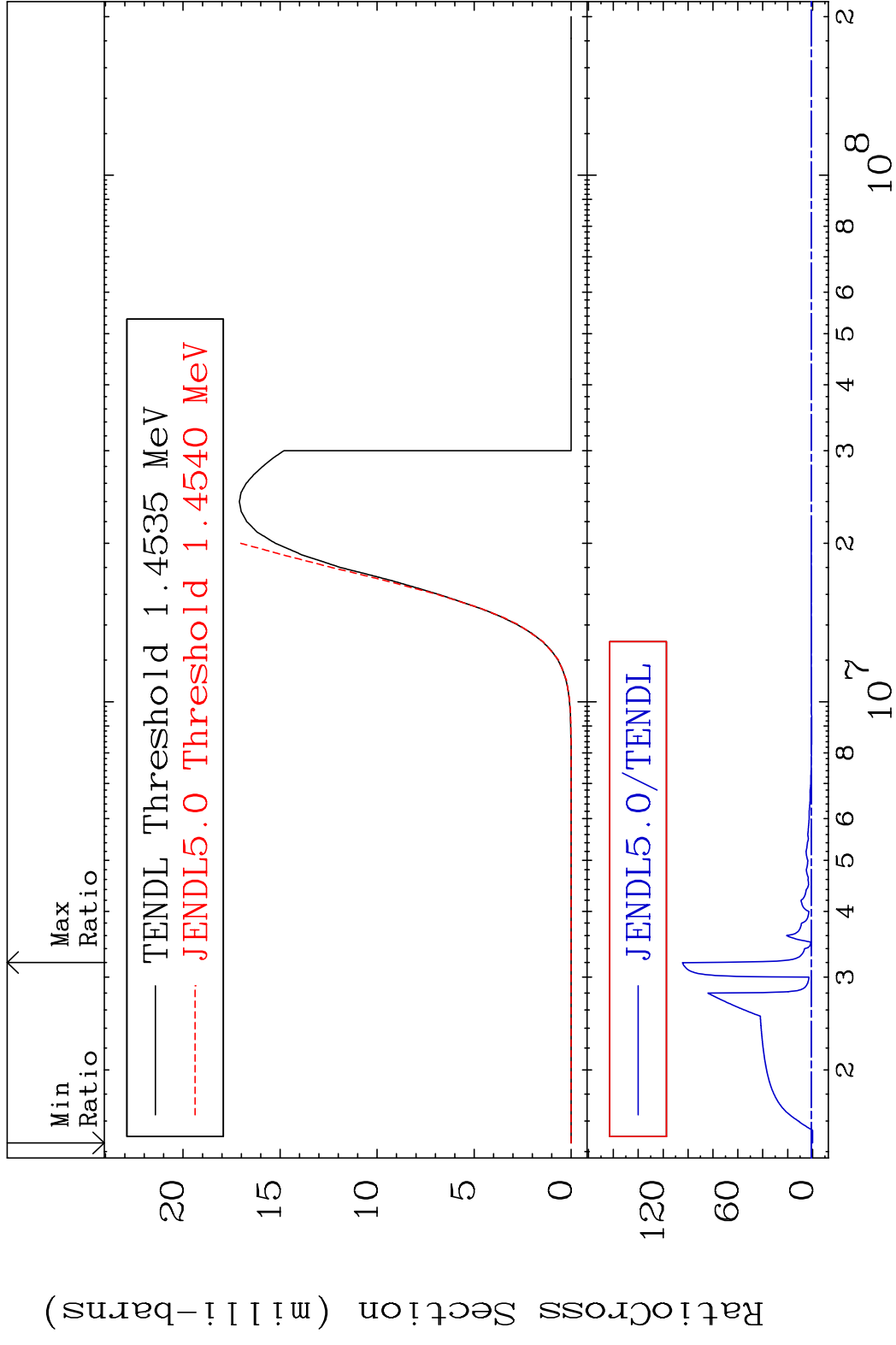


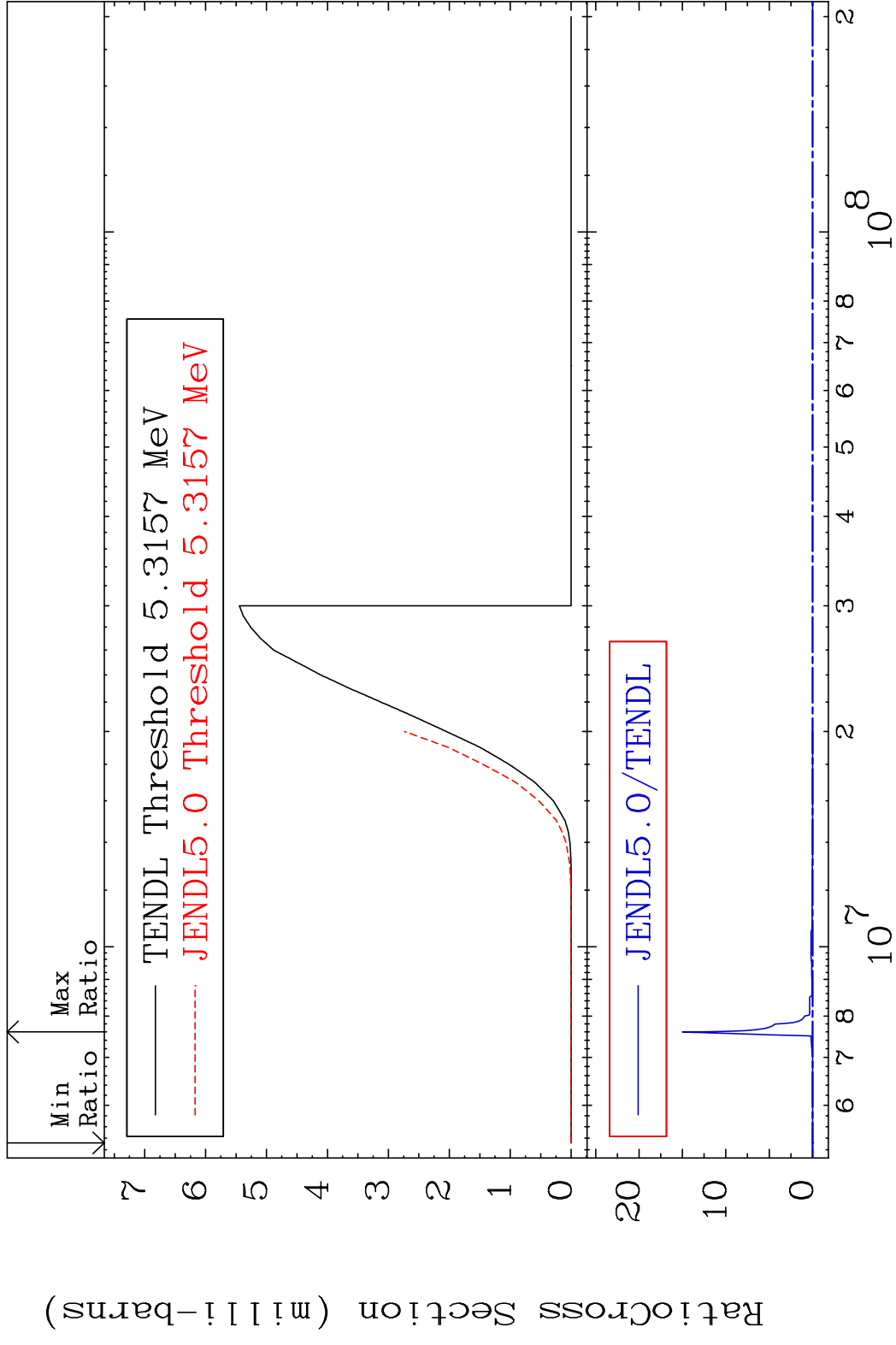


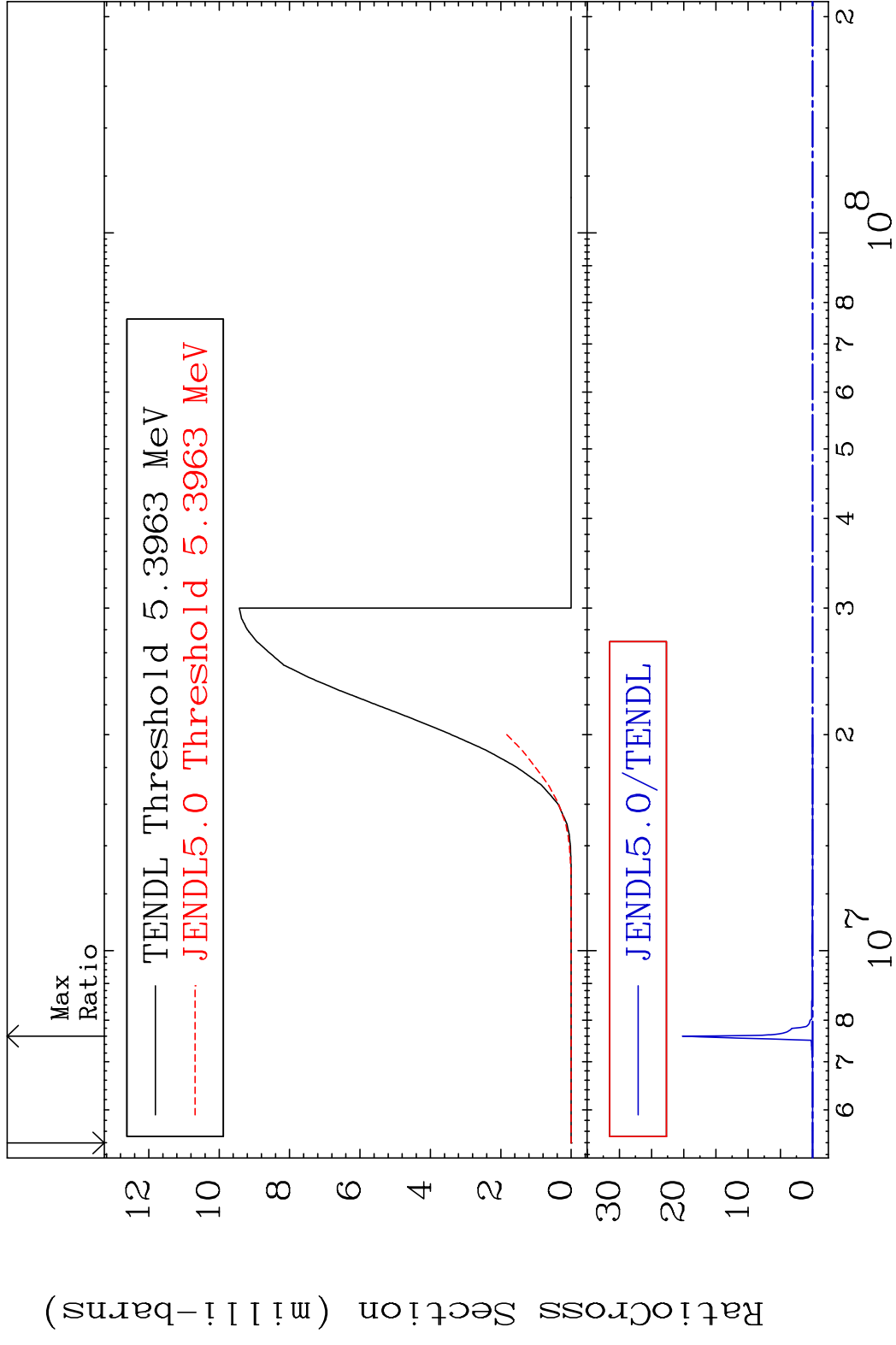


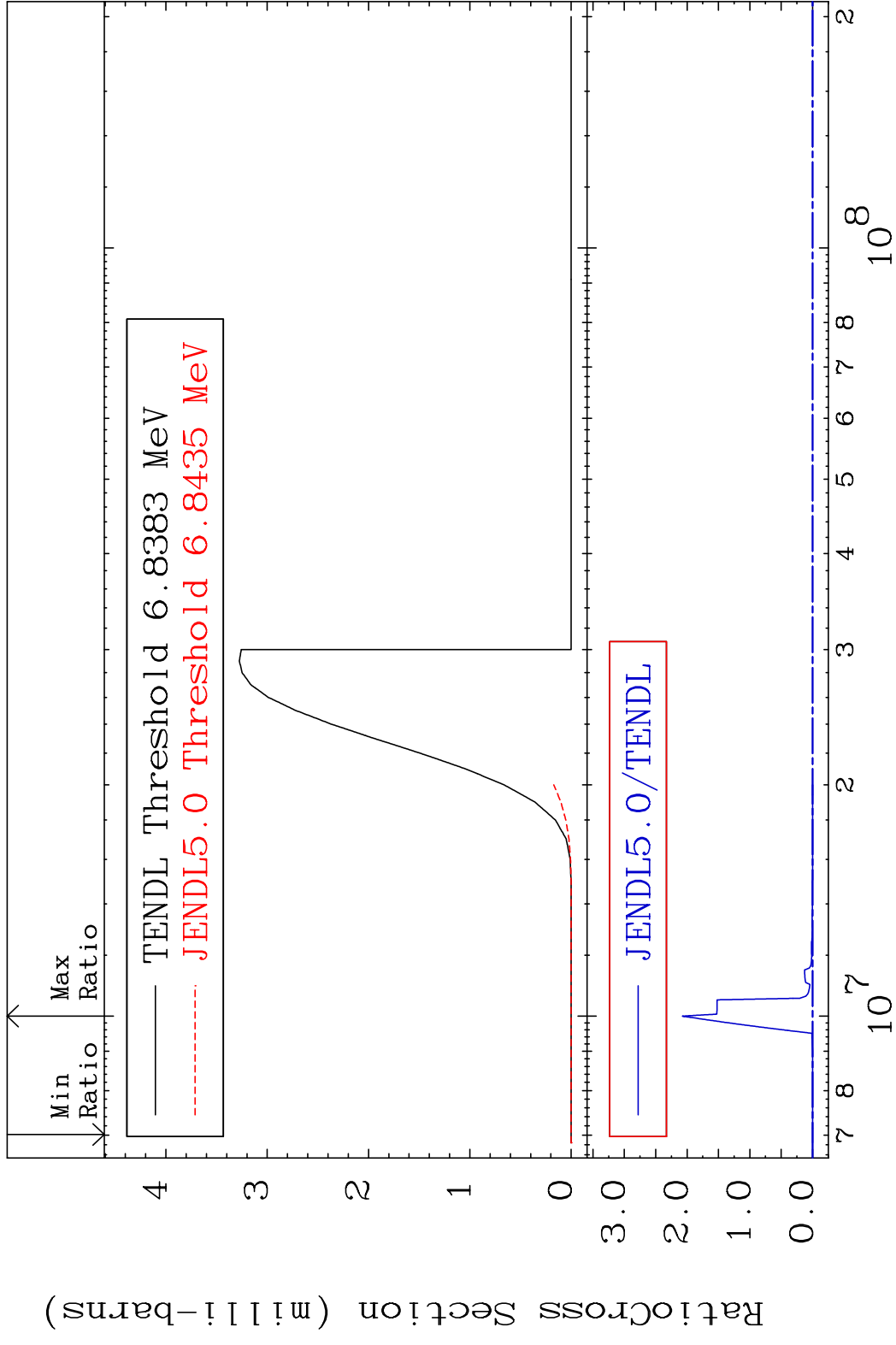




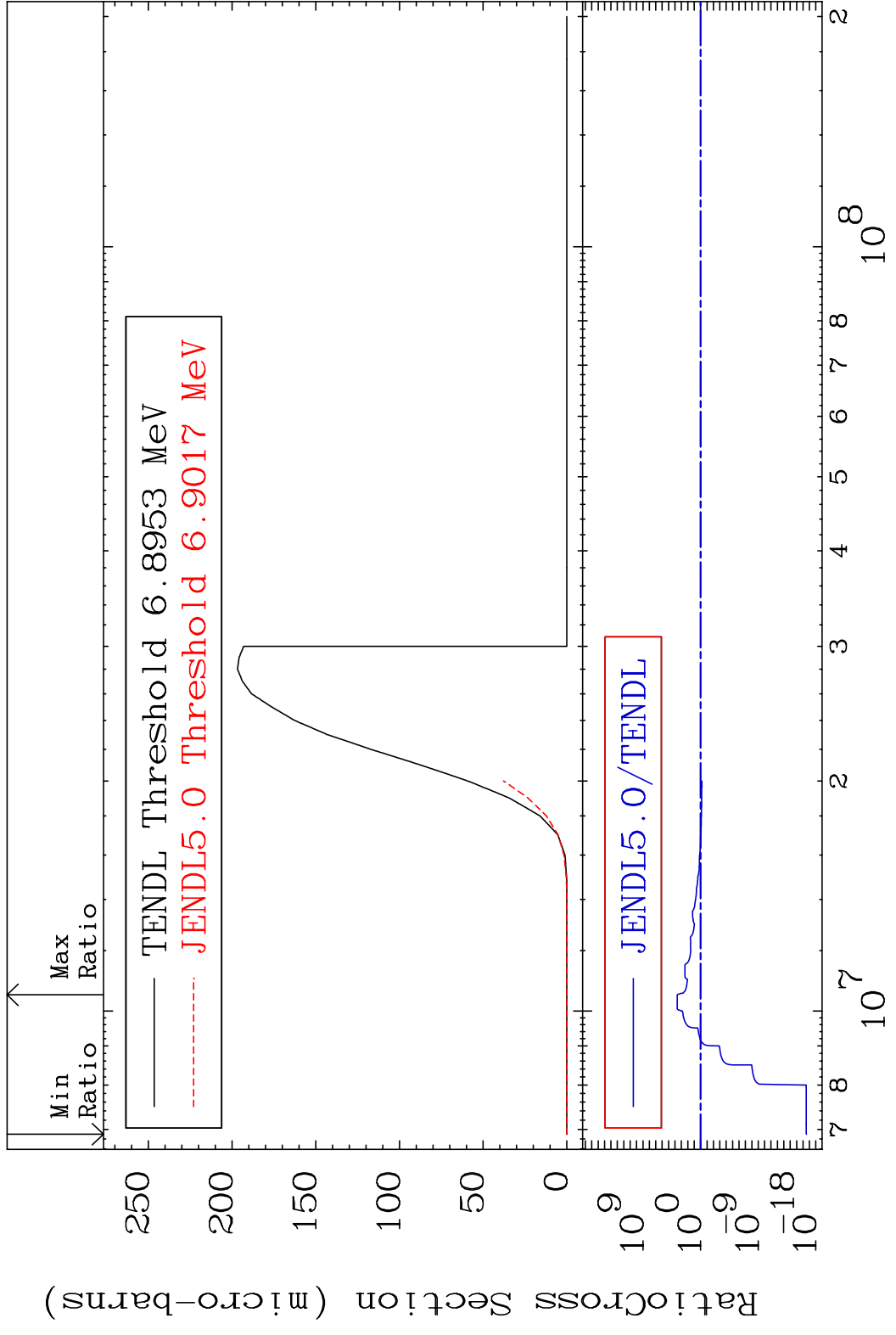


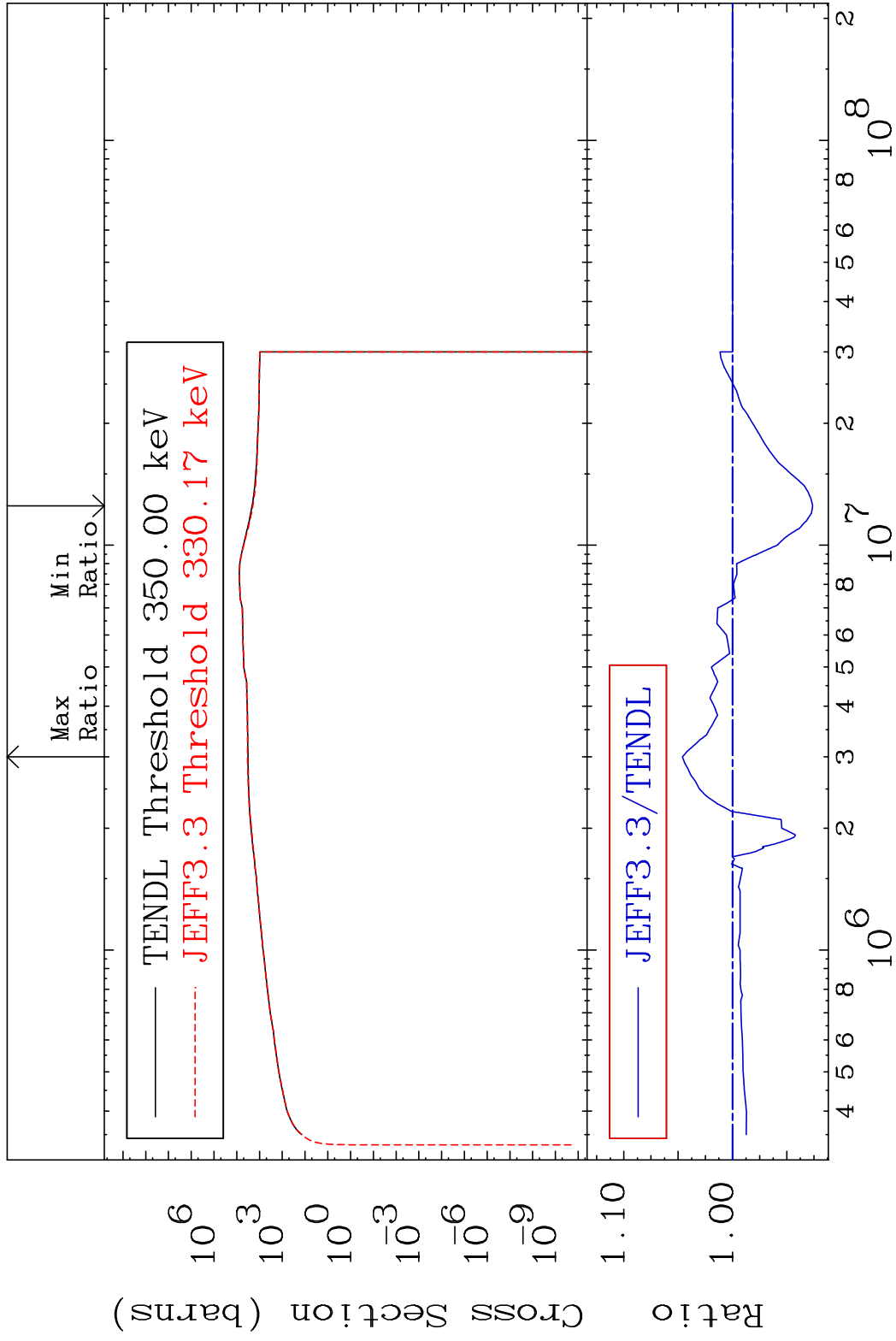




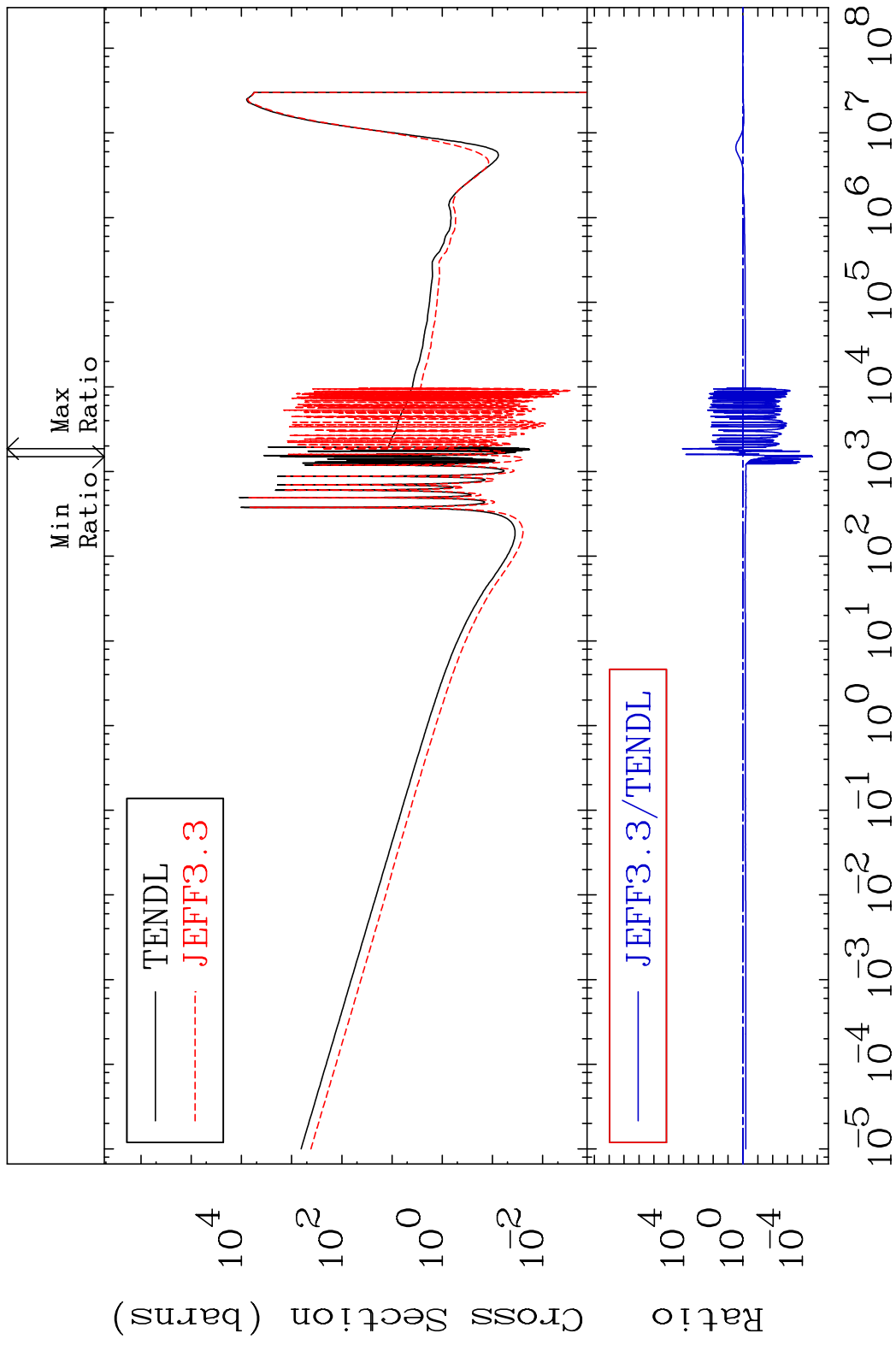


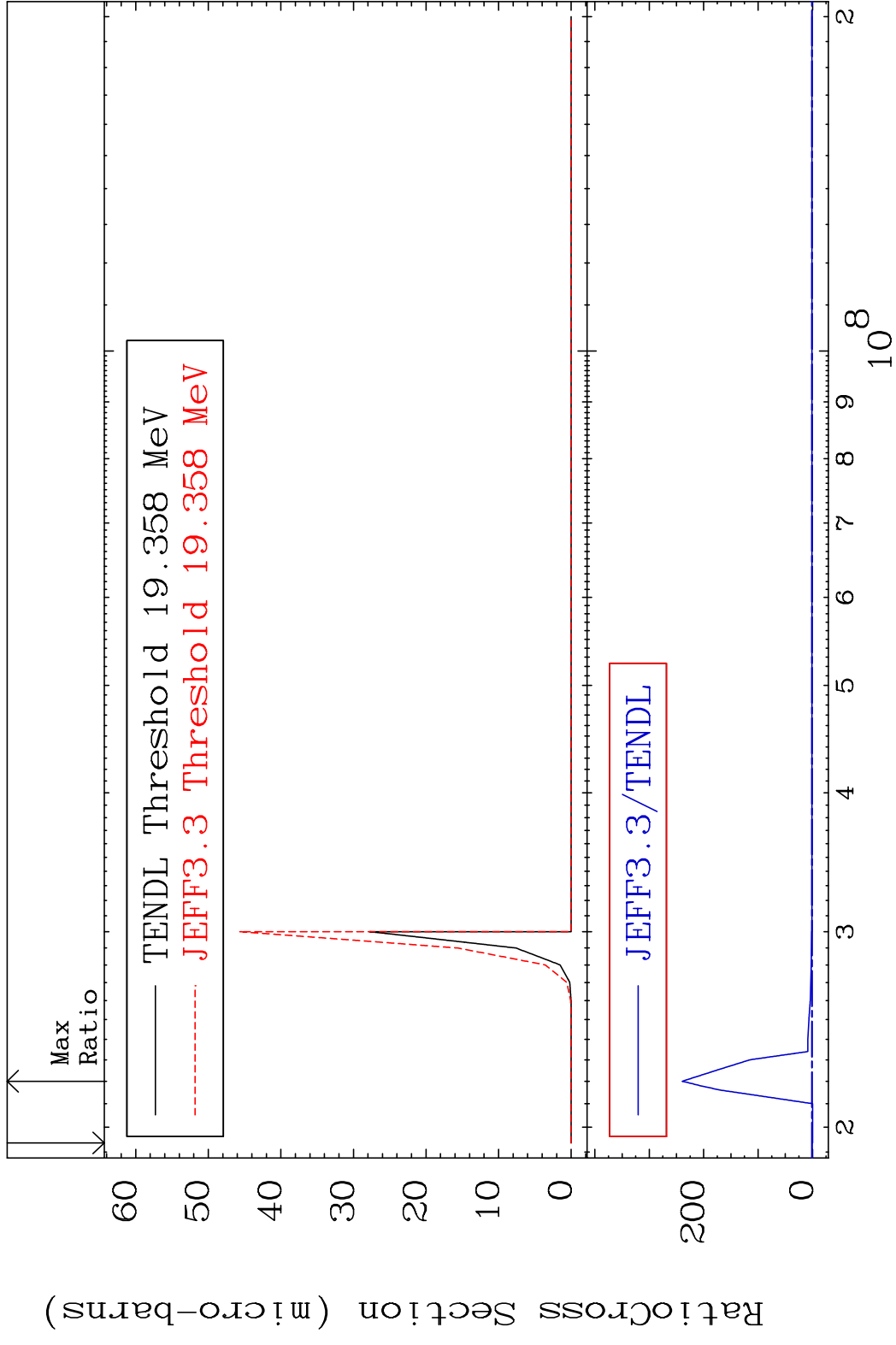
MAT 7837 (n, t): 77-Ir-192m3 78-Pt-194
 Radionuclide Production Cross Section Ratio 9999. %

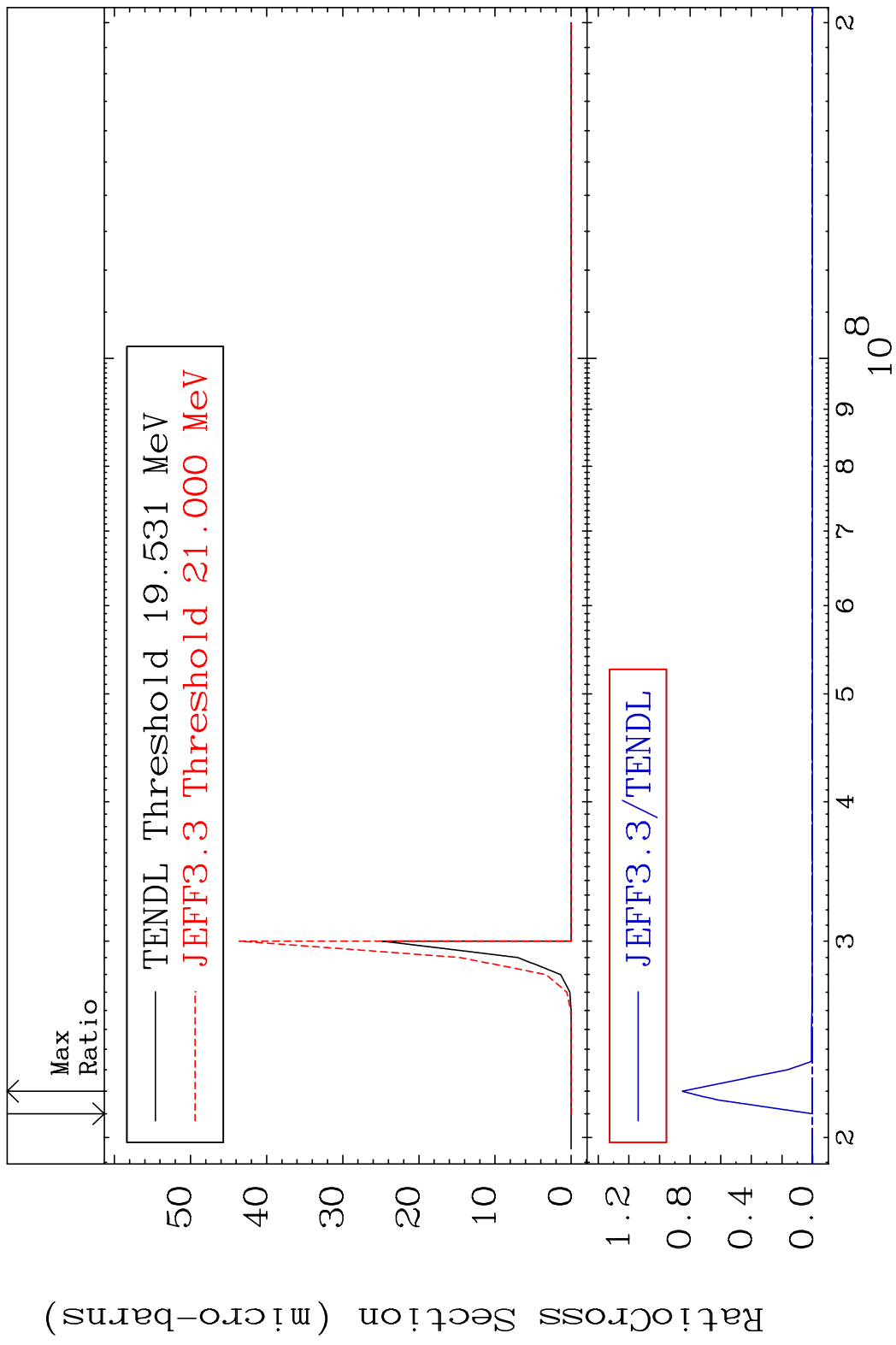




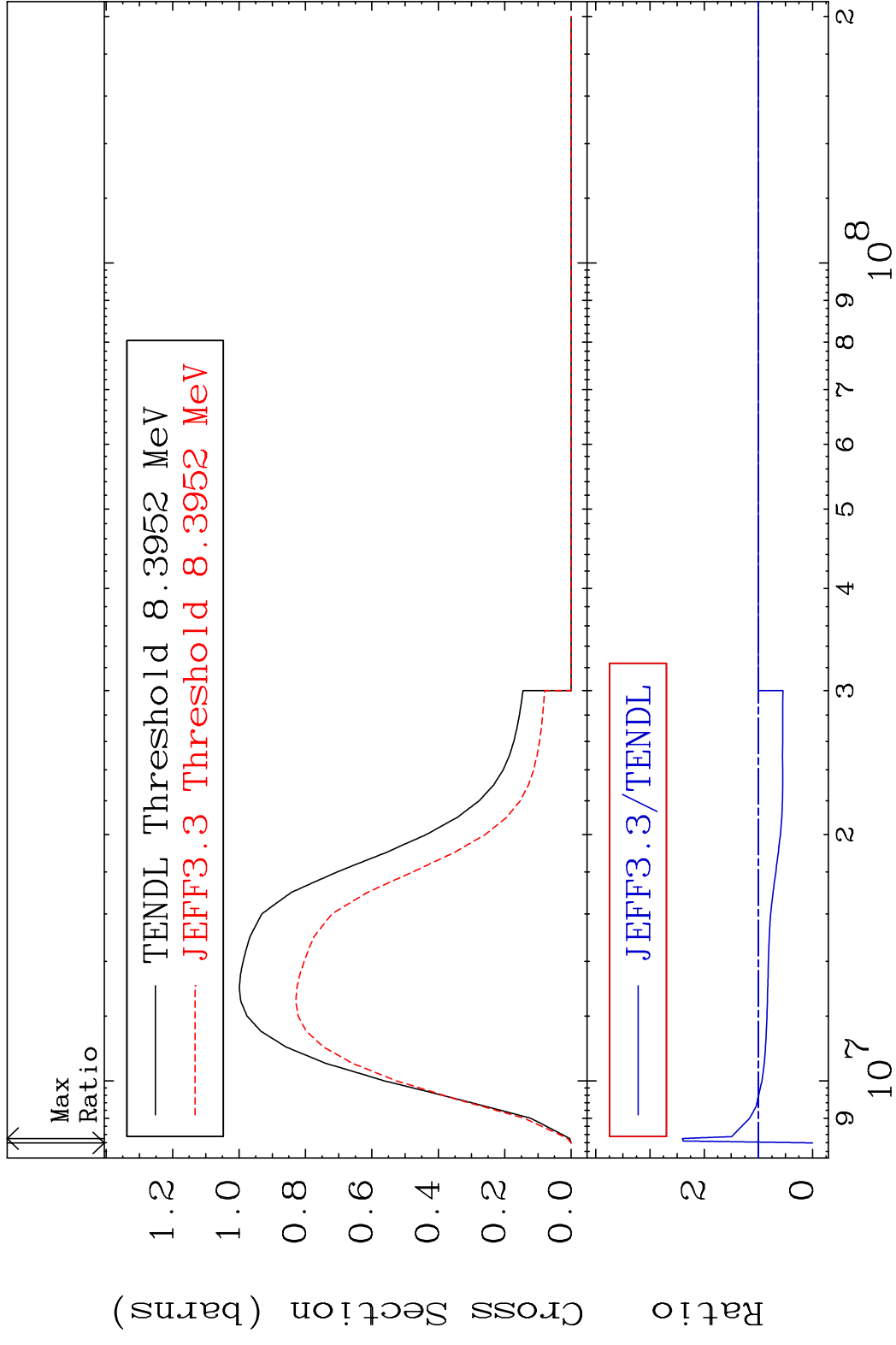
MAT 7837 Dpa disappearance (mt102 -120) 78-Pt-194
 Cross Section -100.0 To 9999. %





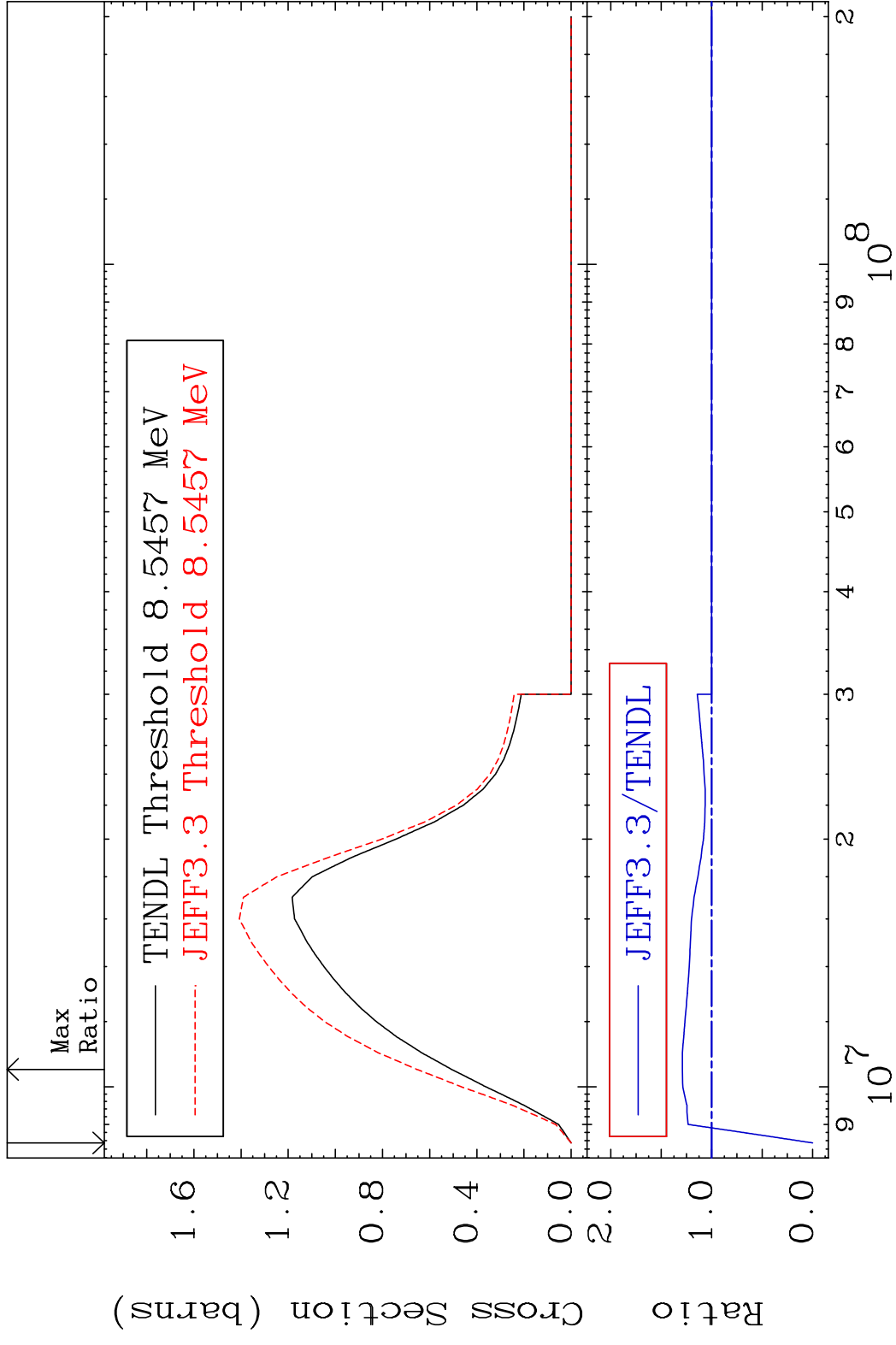


MAT 7837 (n,2n):78-Pt-193g 78-Pt-194
 Radionuclide Production Cross Section 140.3 %

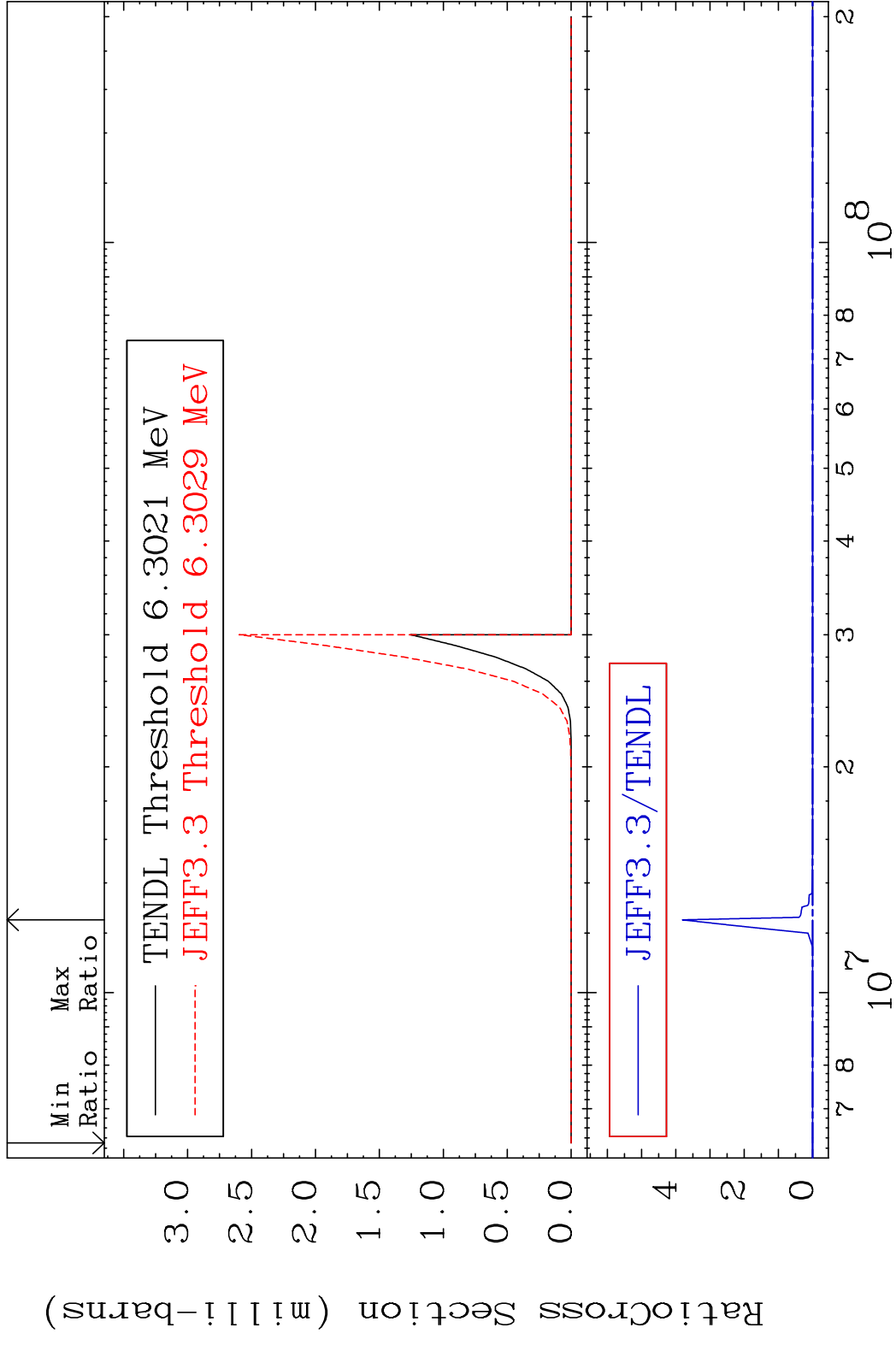


70 Incident Energy (eV) 78-Pt-194

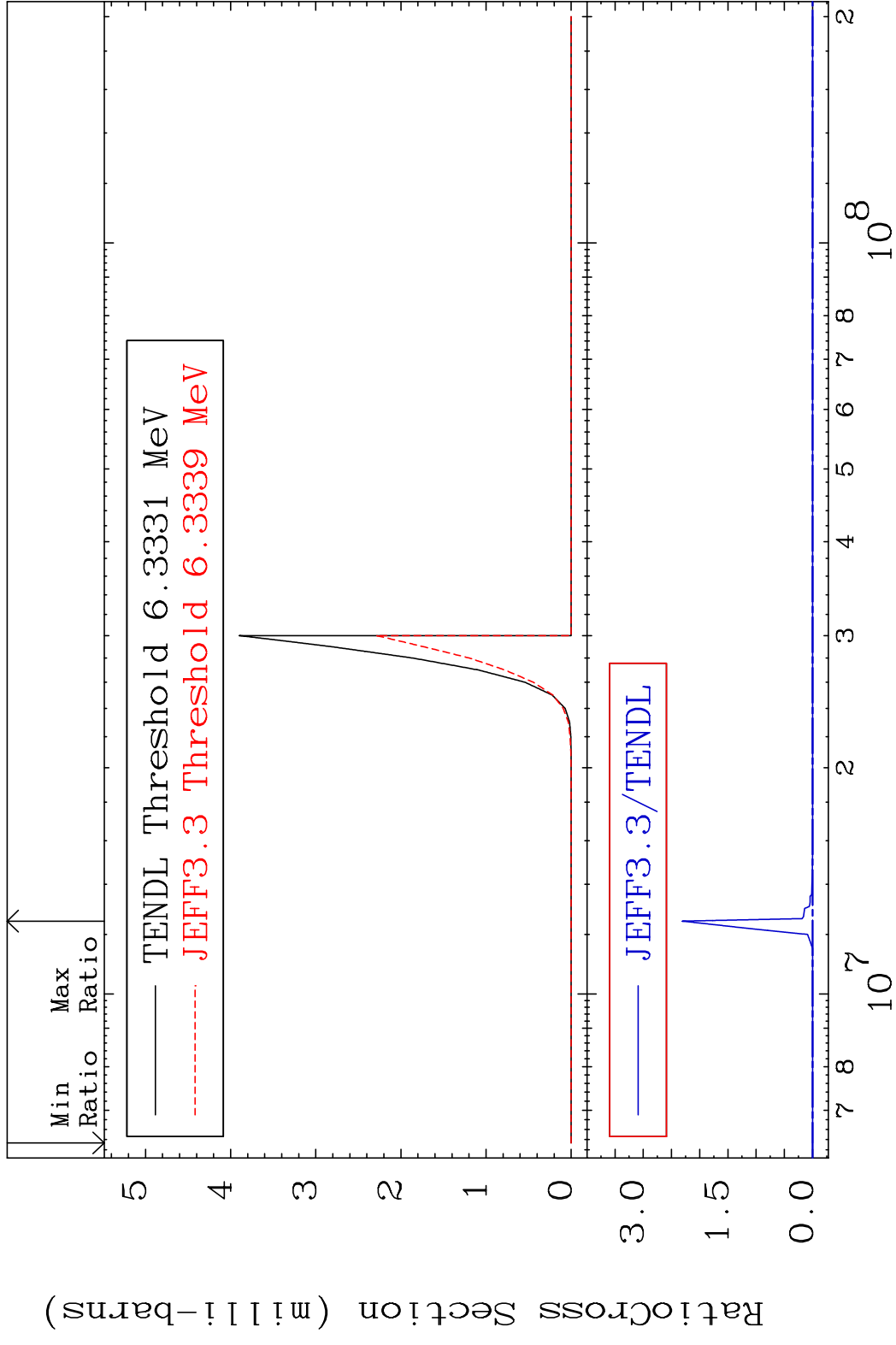
MAT 7837 (n,2n):78-Pt-193m5 78-Pt-194
 Radionuclide Production Cross Section 180.01 dth 29.09 %

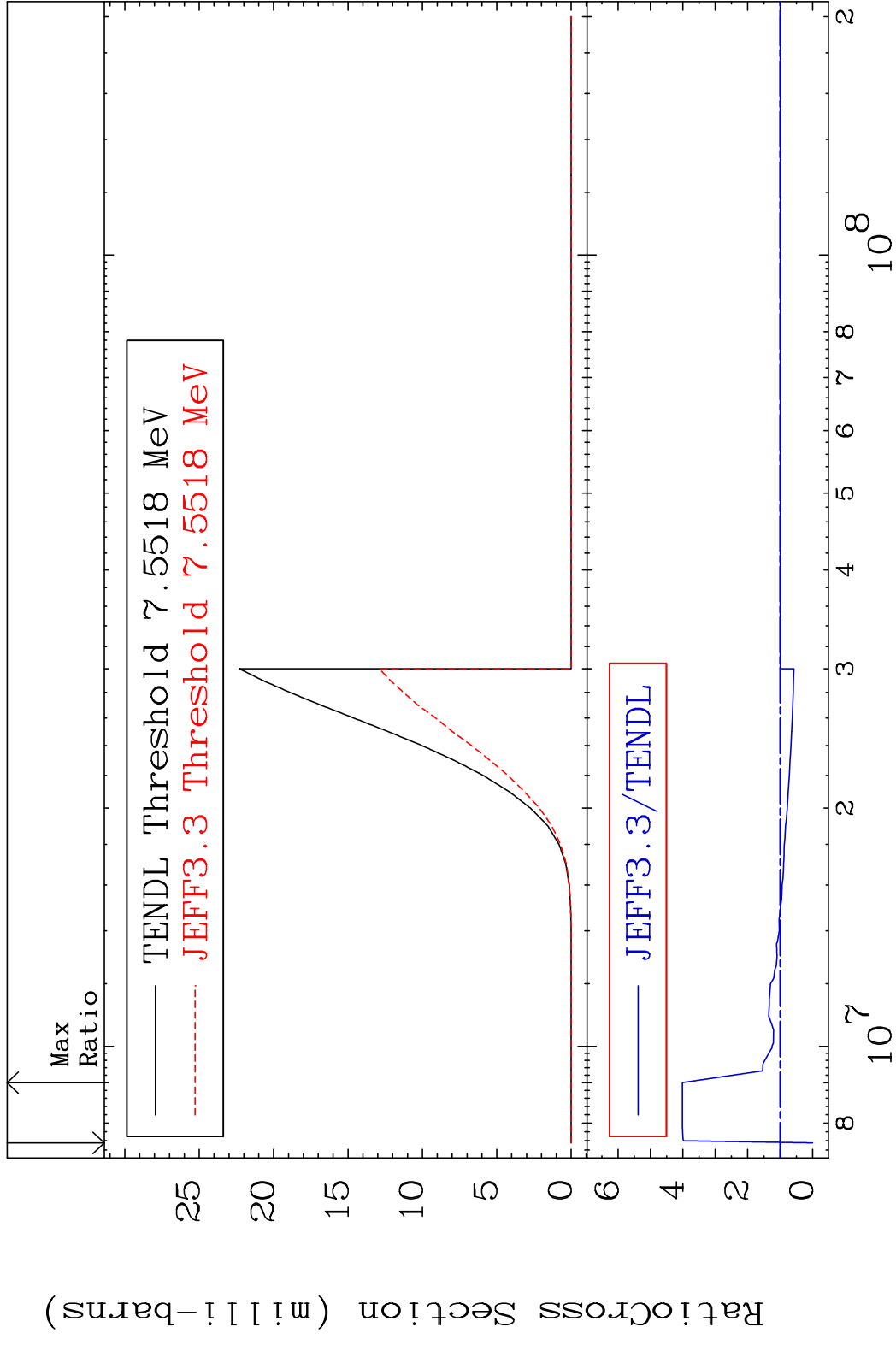


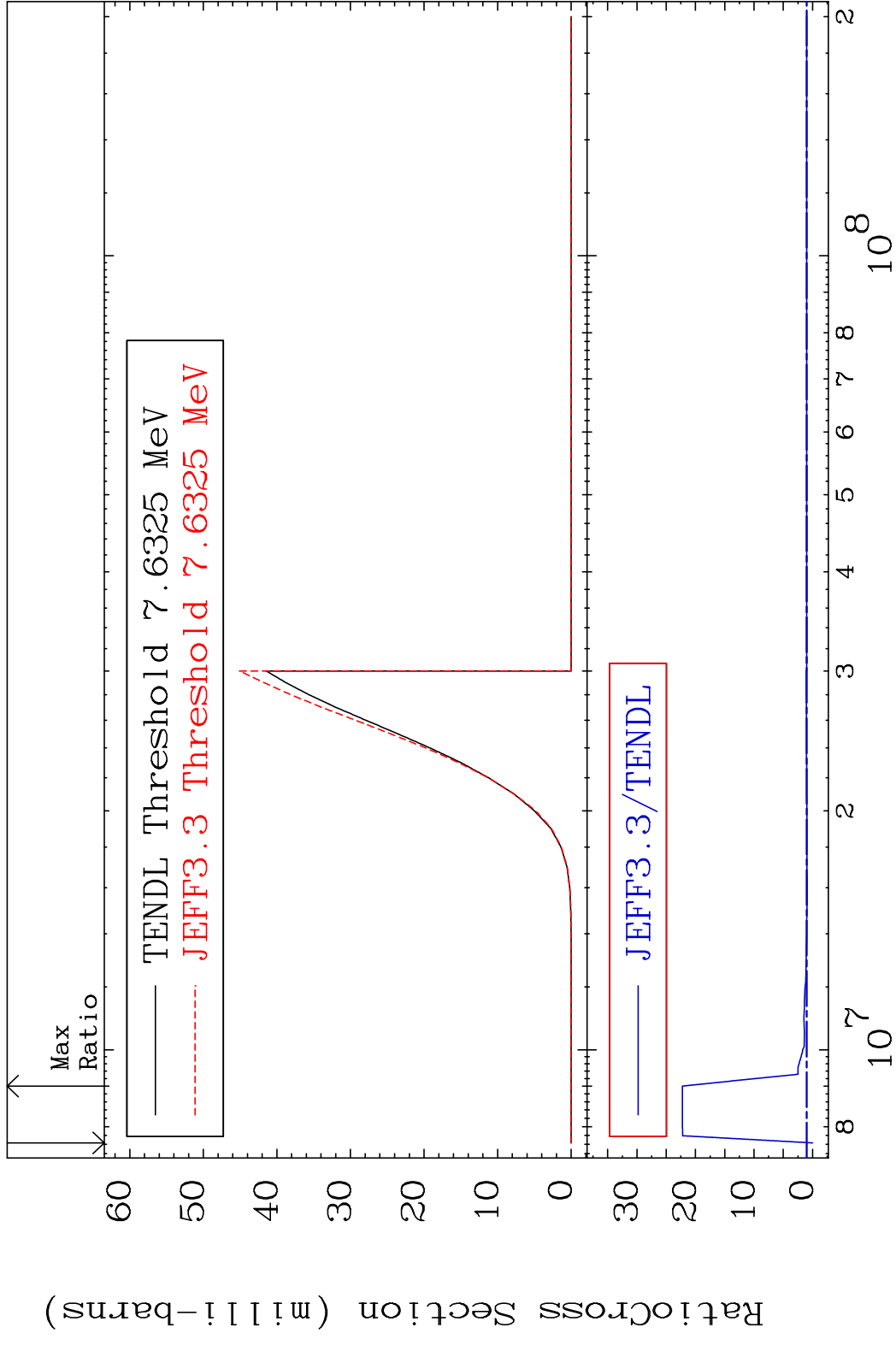
MAT 7837 (n,2n) α :76-0s-189g 78-Pt-194
 Radionuclide Production Cross Section Ratio 9999. %



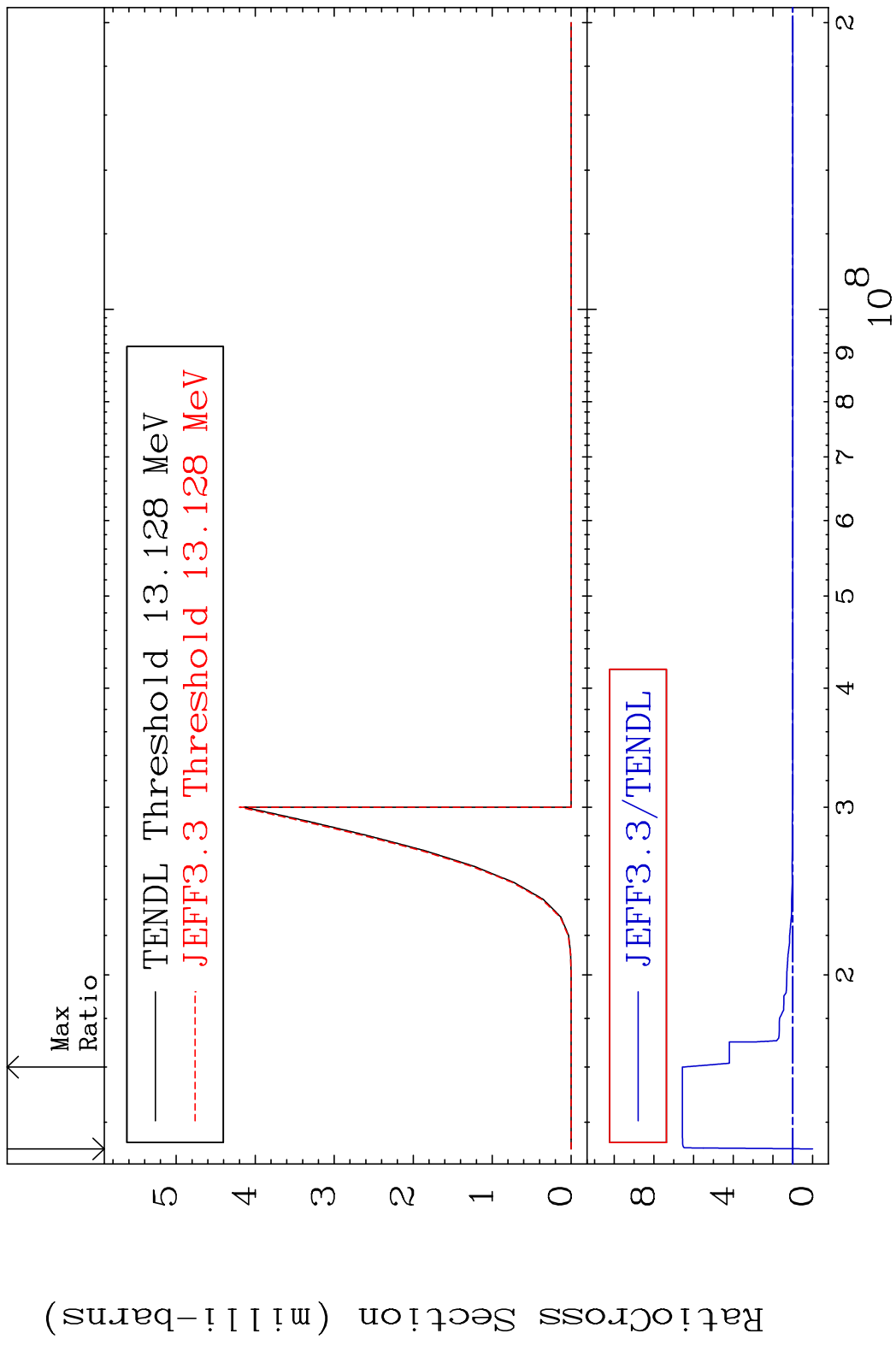
MAT 7837 (n,2n) α :76-0s-189m1 78-Pt-194
 Radionuclide Production Cross Section to 9999. %

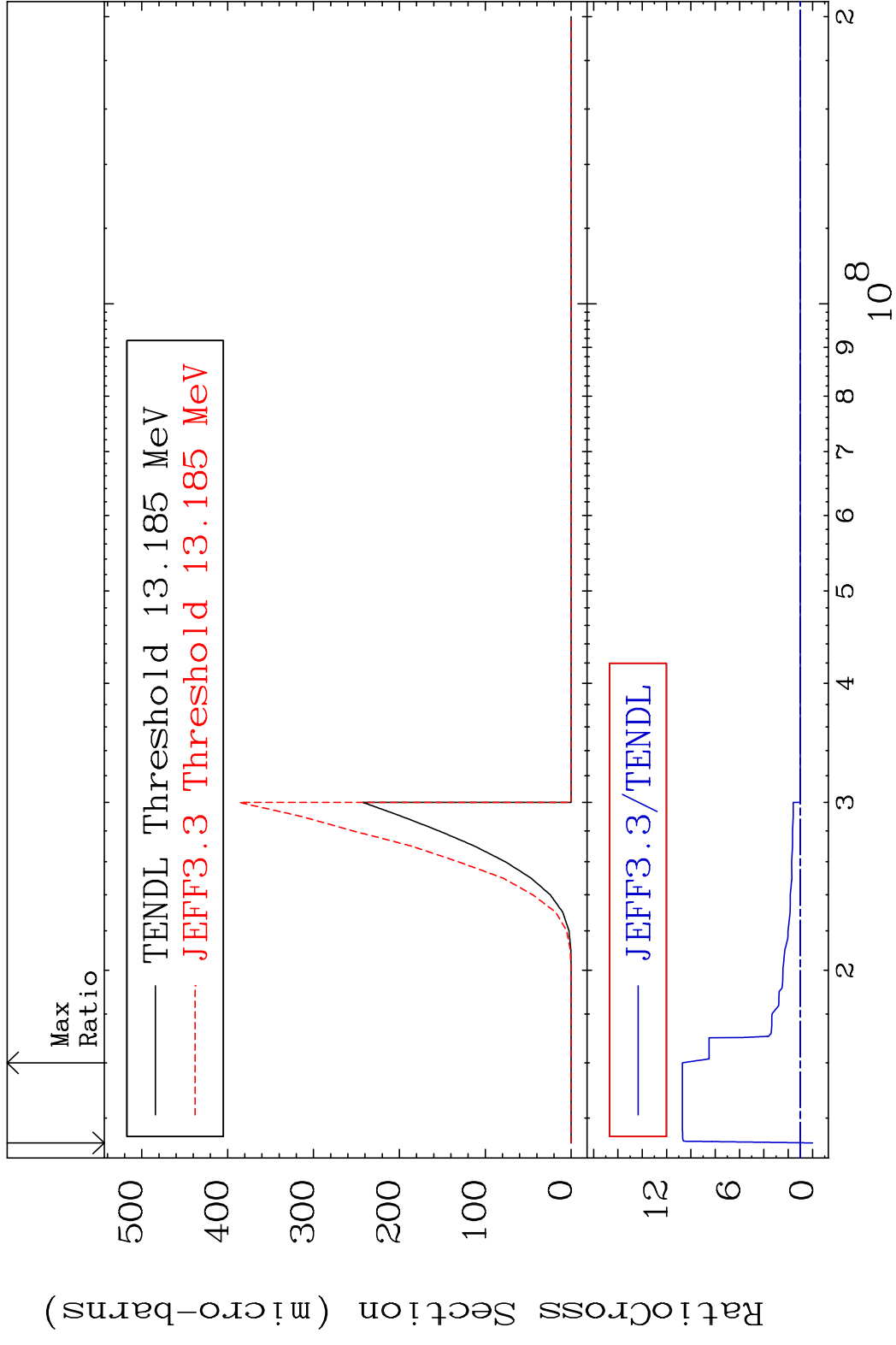




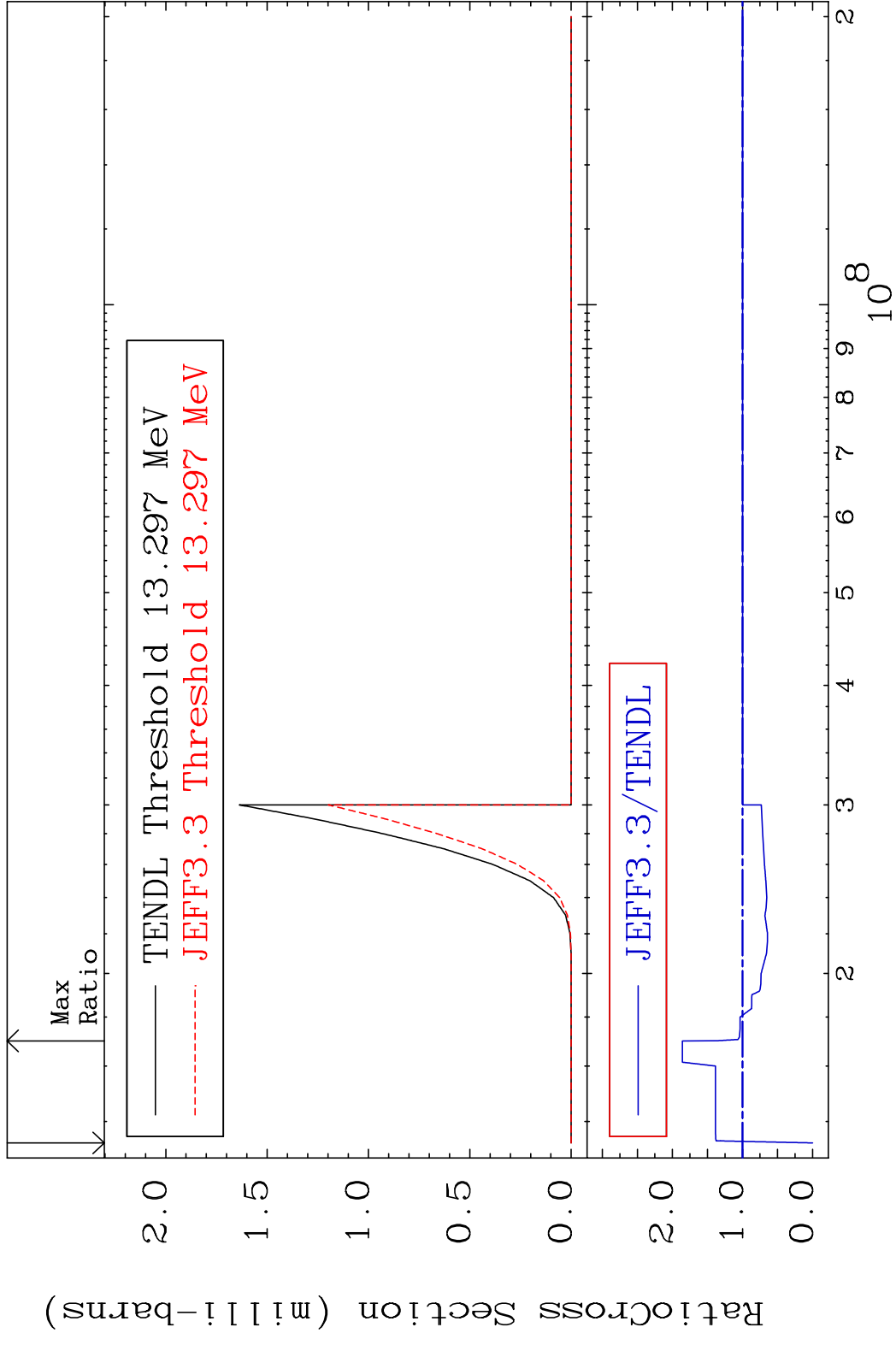


MAT 7837 (n, n') d:77-Ir-192g 78-Pt-194
 Radionuclide Production Cross Section 556.8 %

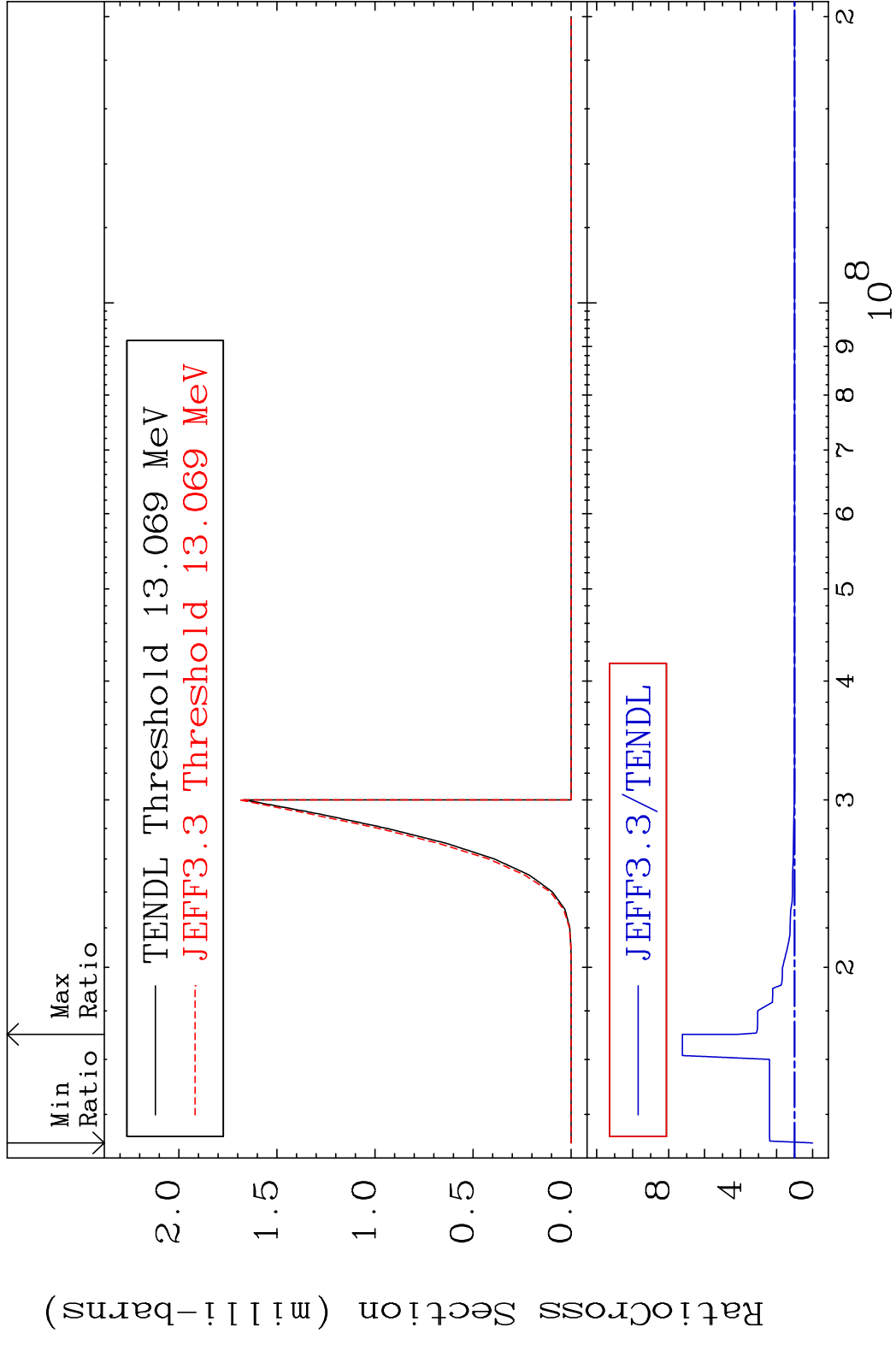


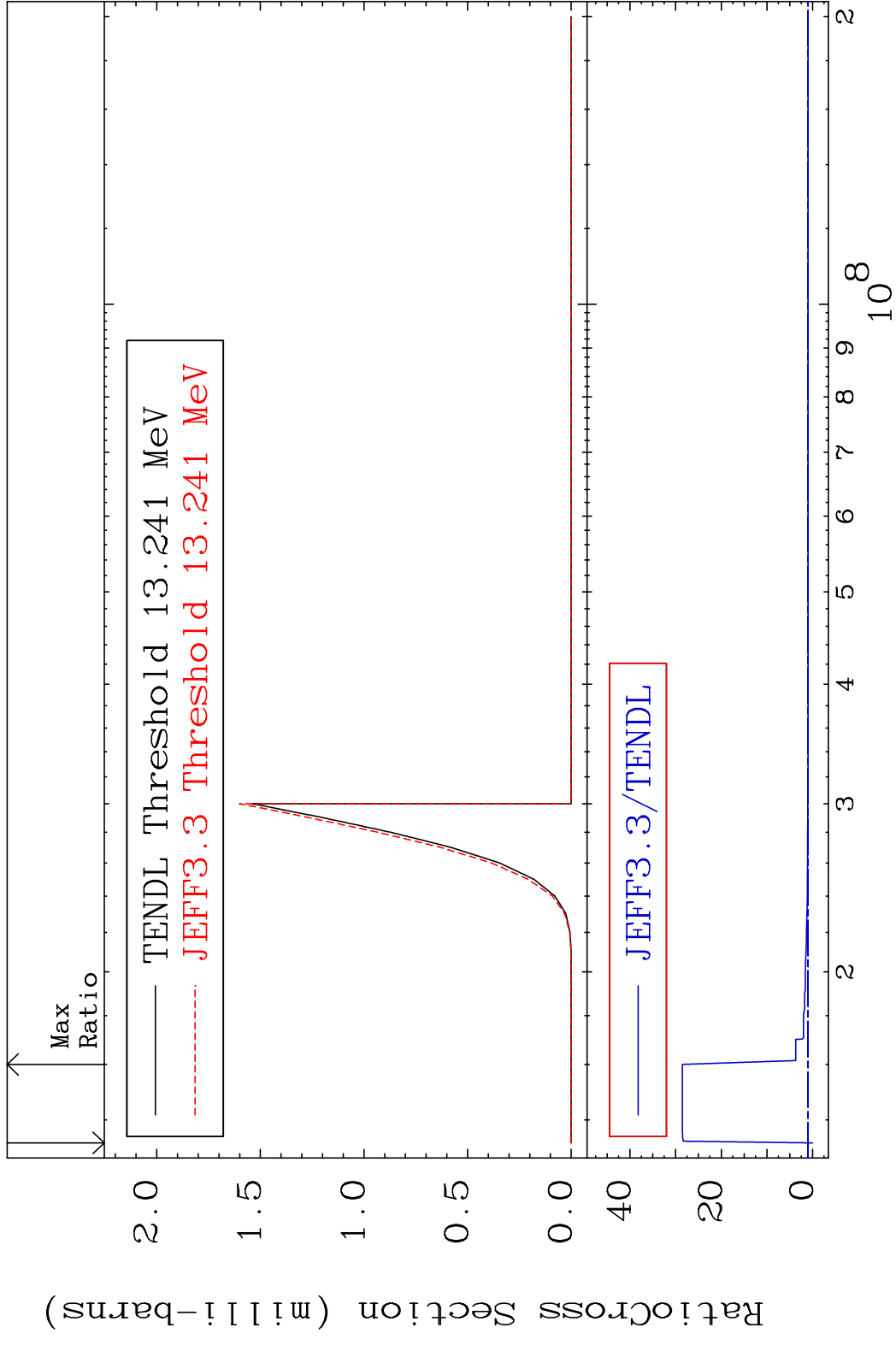


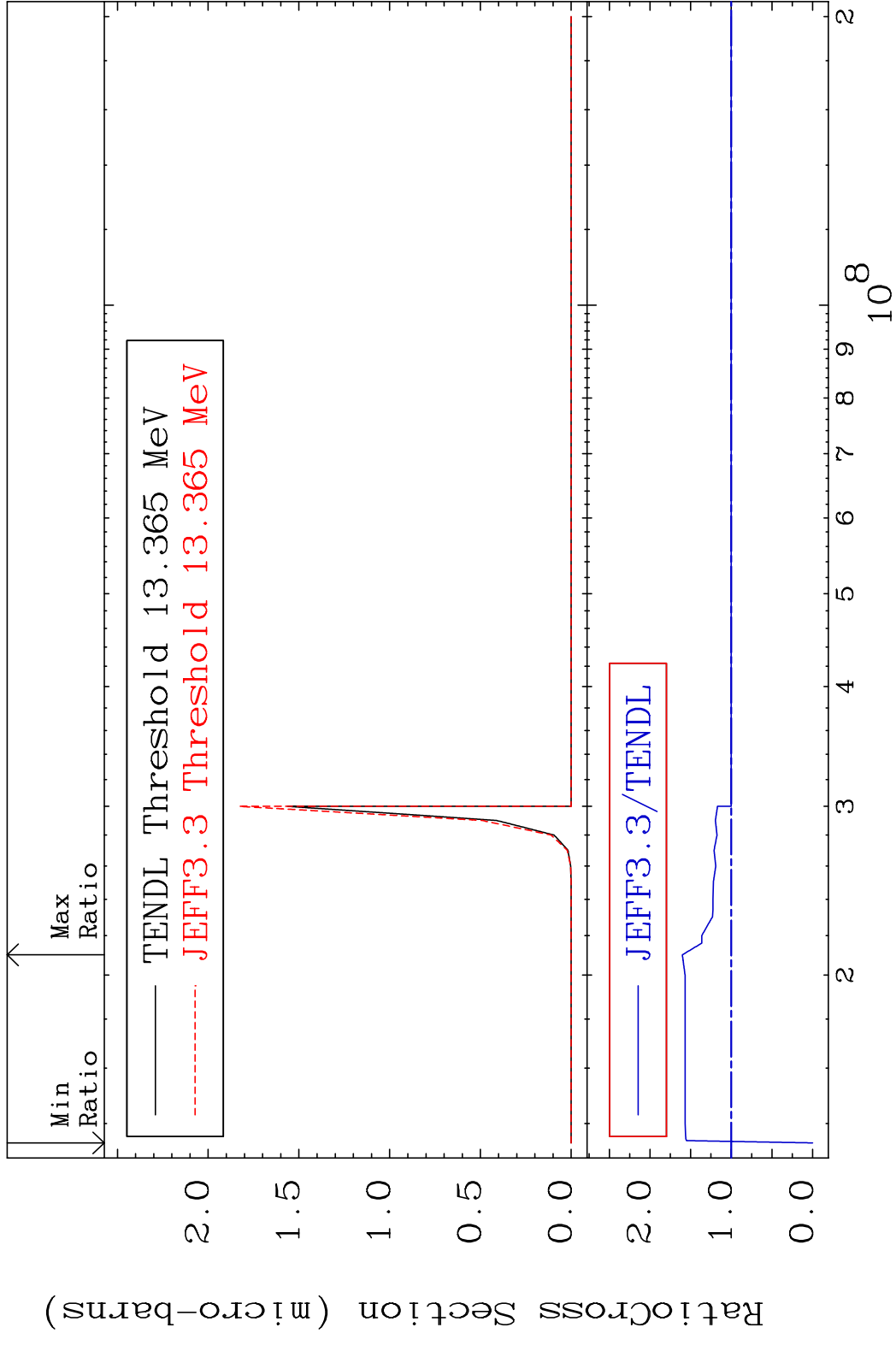
MAT 7837 (n, n') d:77-Ir-192m15 78-Pt-194
 Radionuclide Production Cross Section Ratio 85.82 %

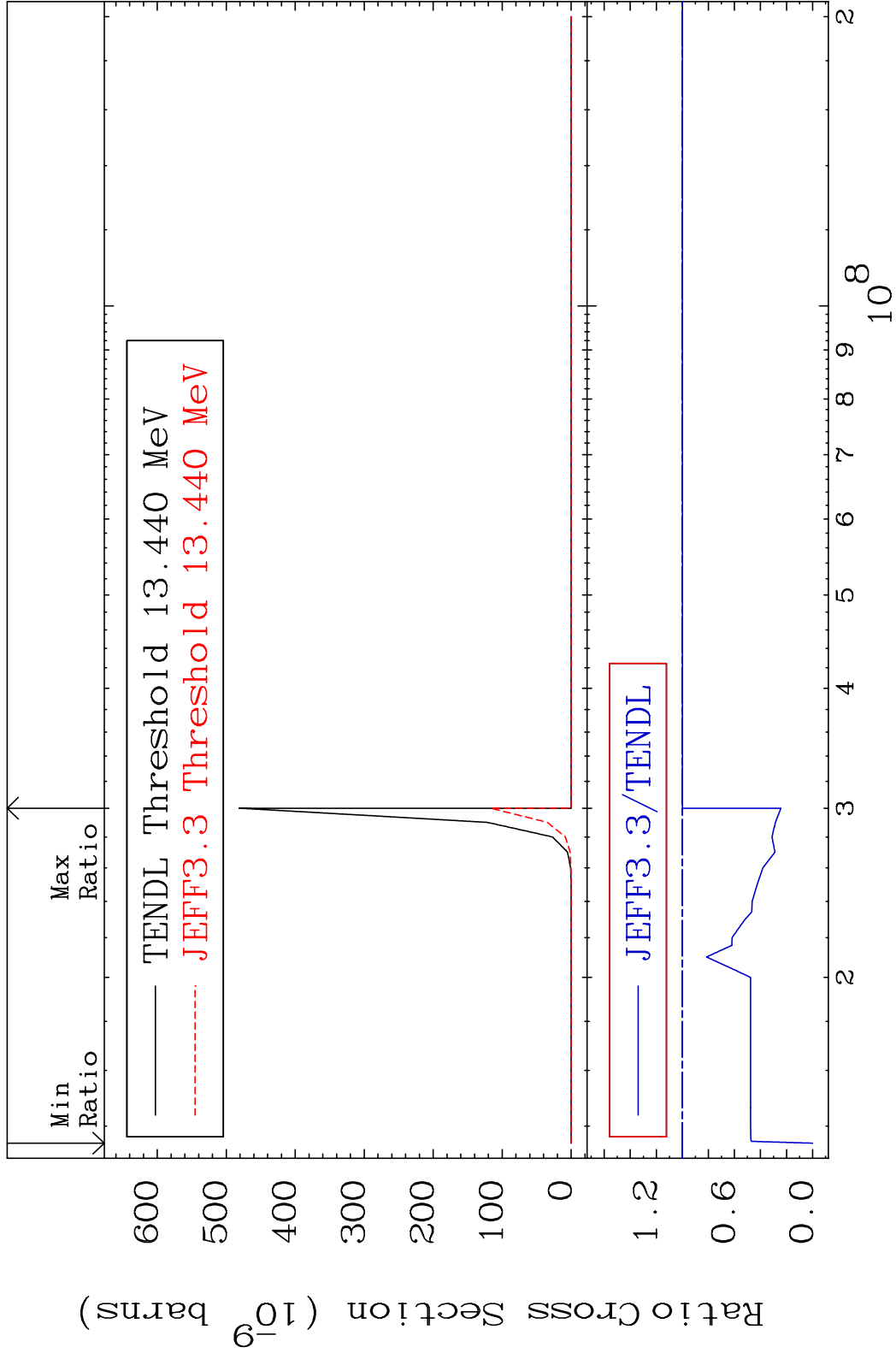


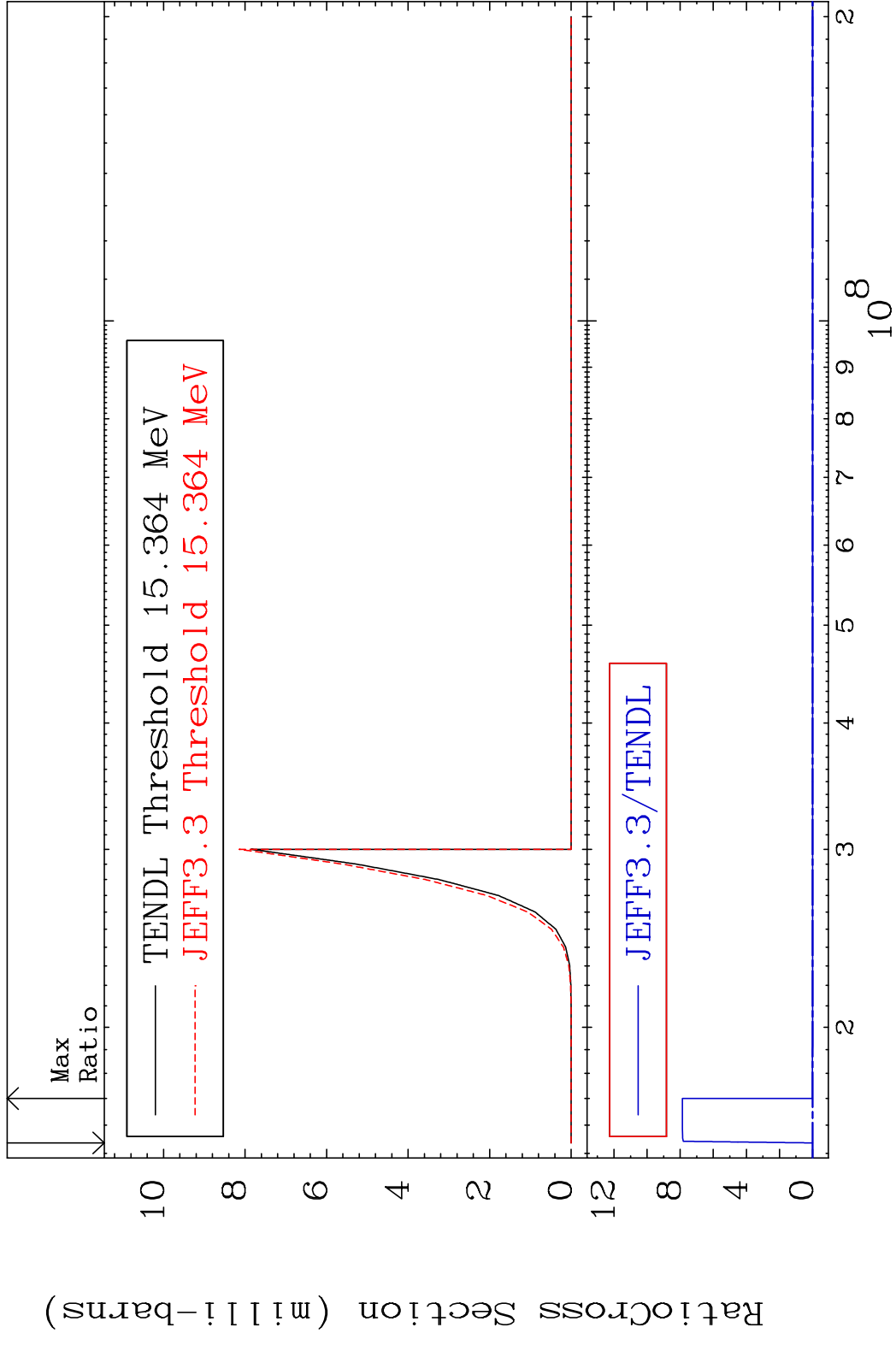
MAT 7837 (n, n') t:77-Ir-191g 78-Pt-194
 Radionuclide Production Cross Section Ratio 623.7 %

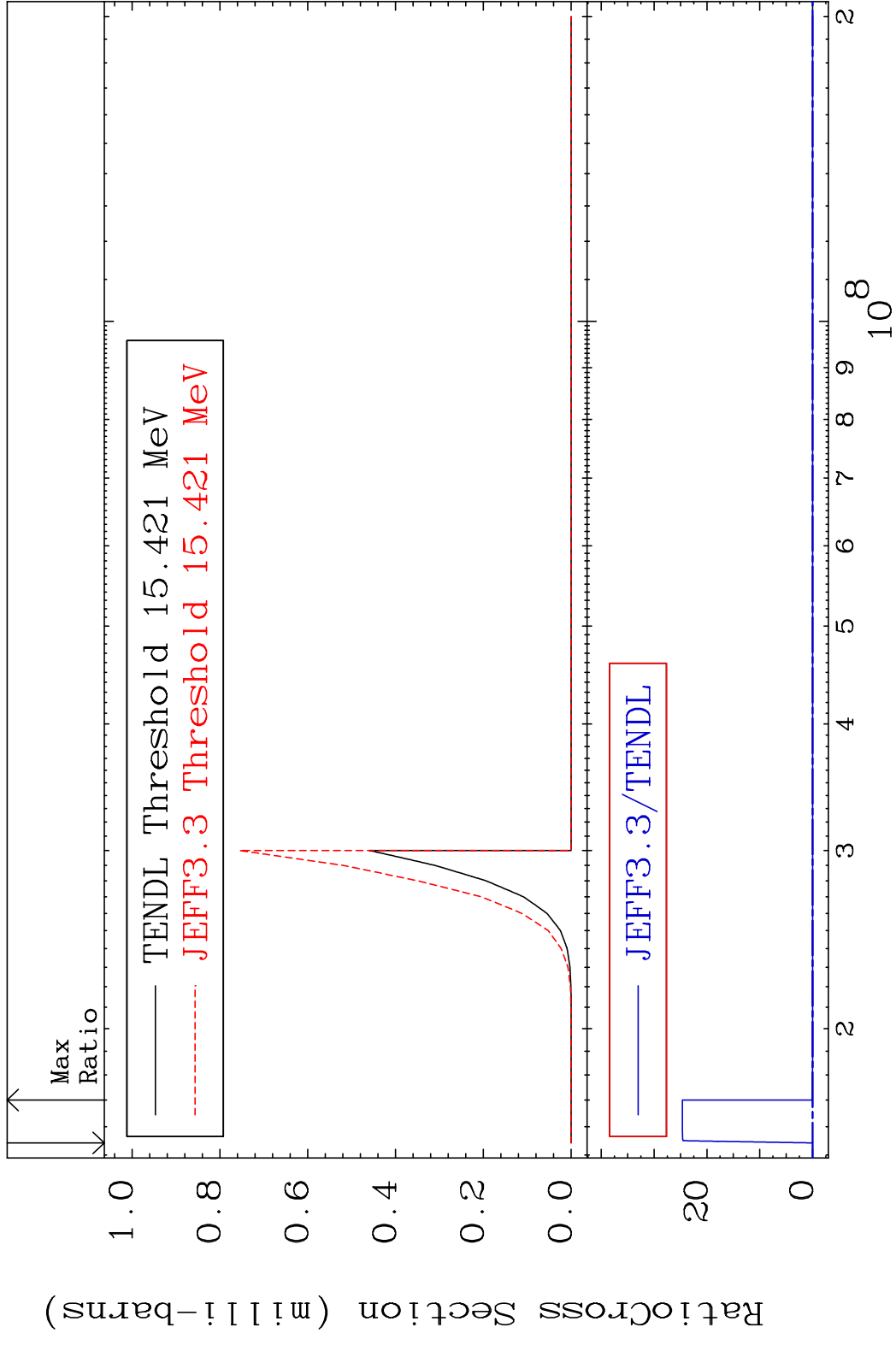


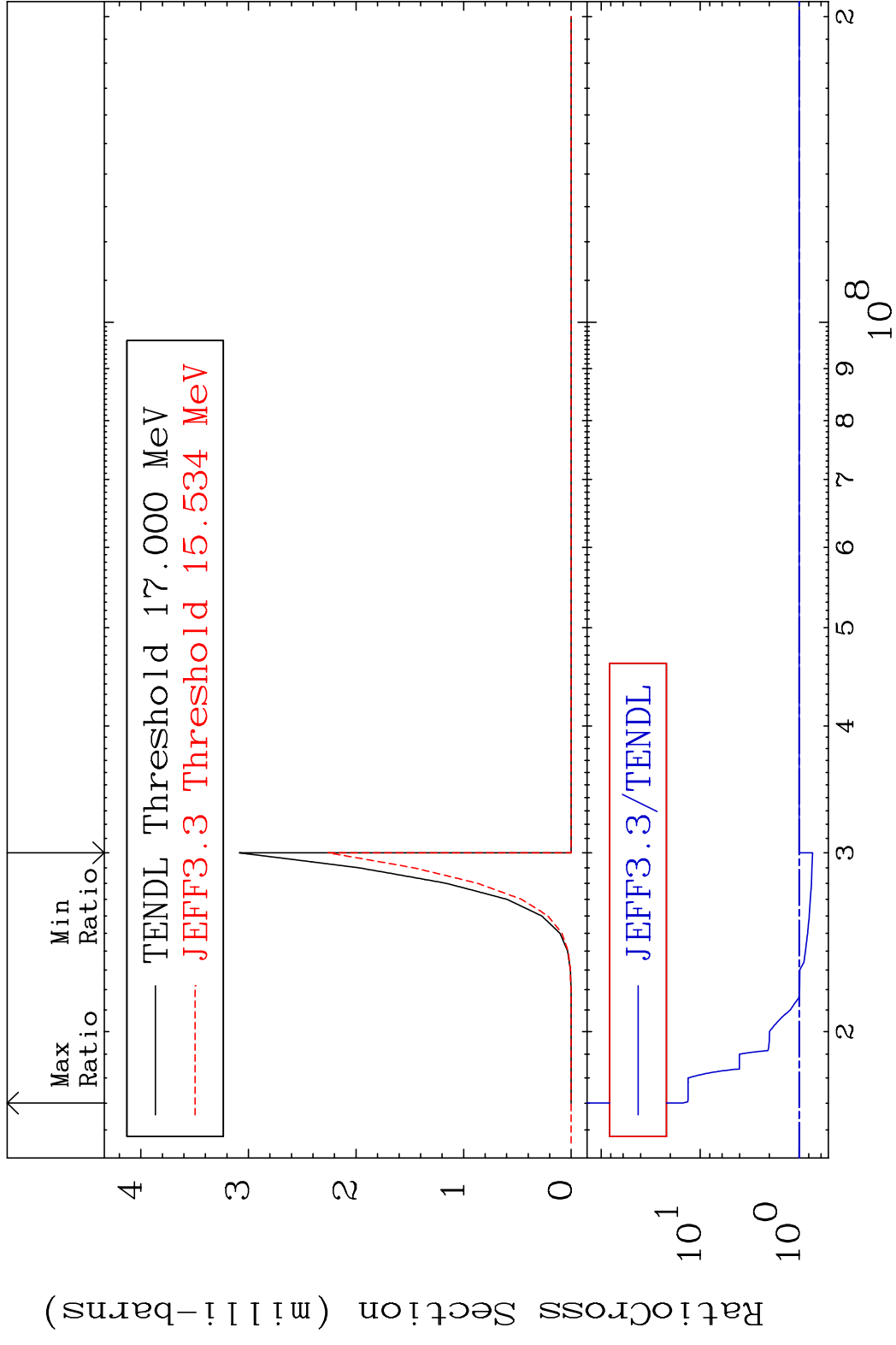


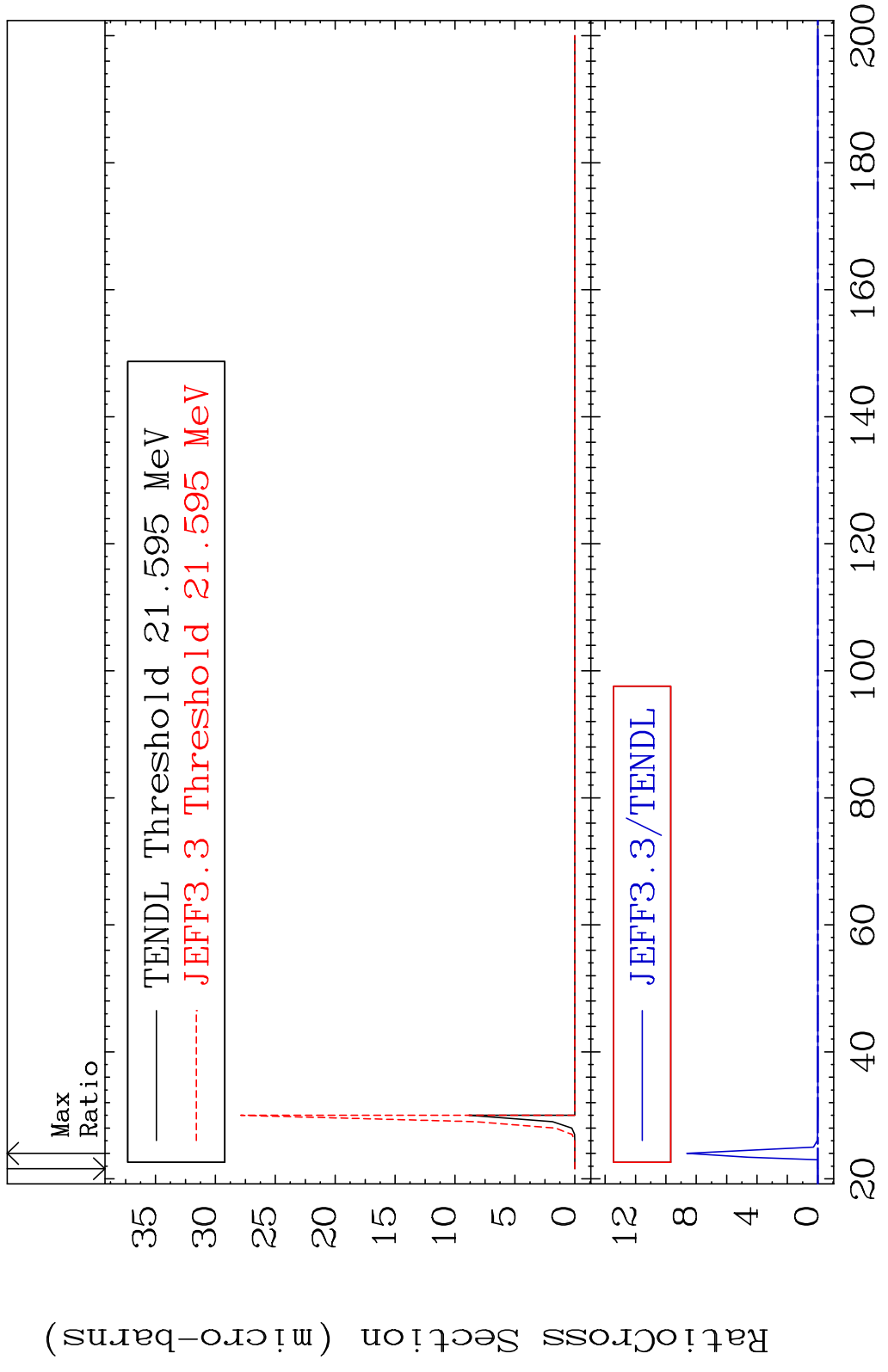


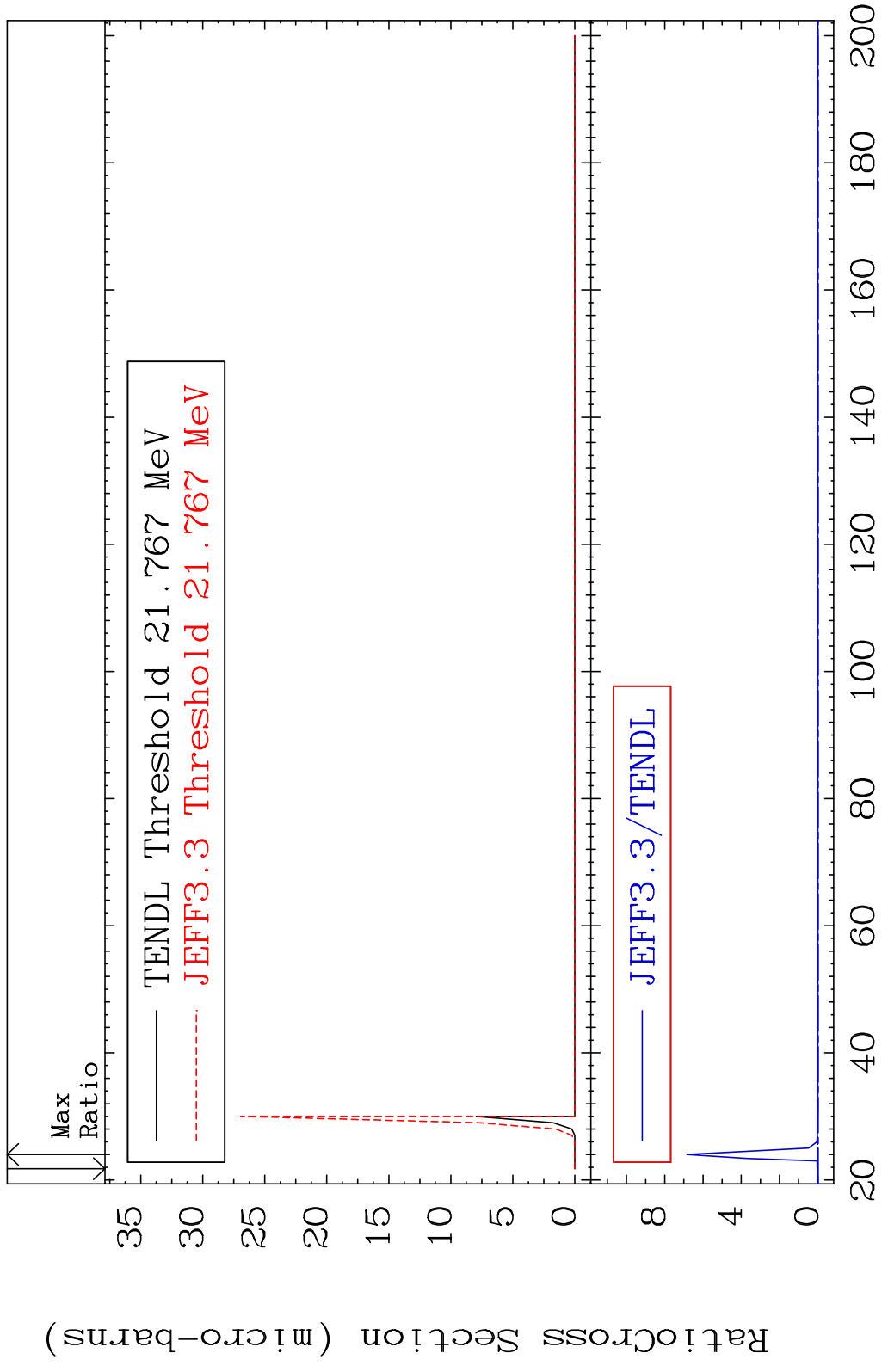


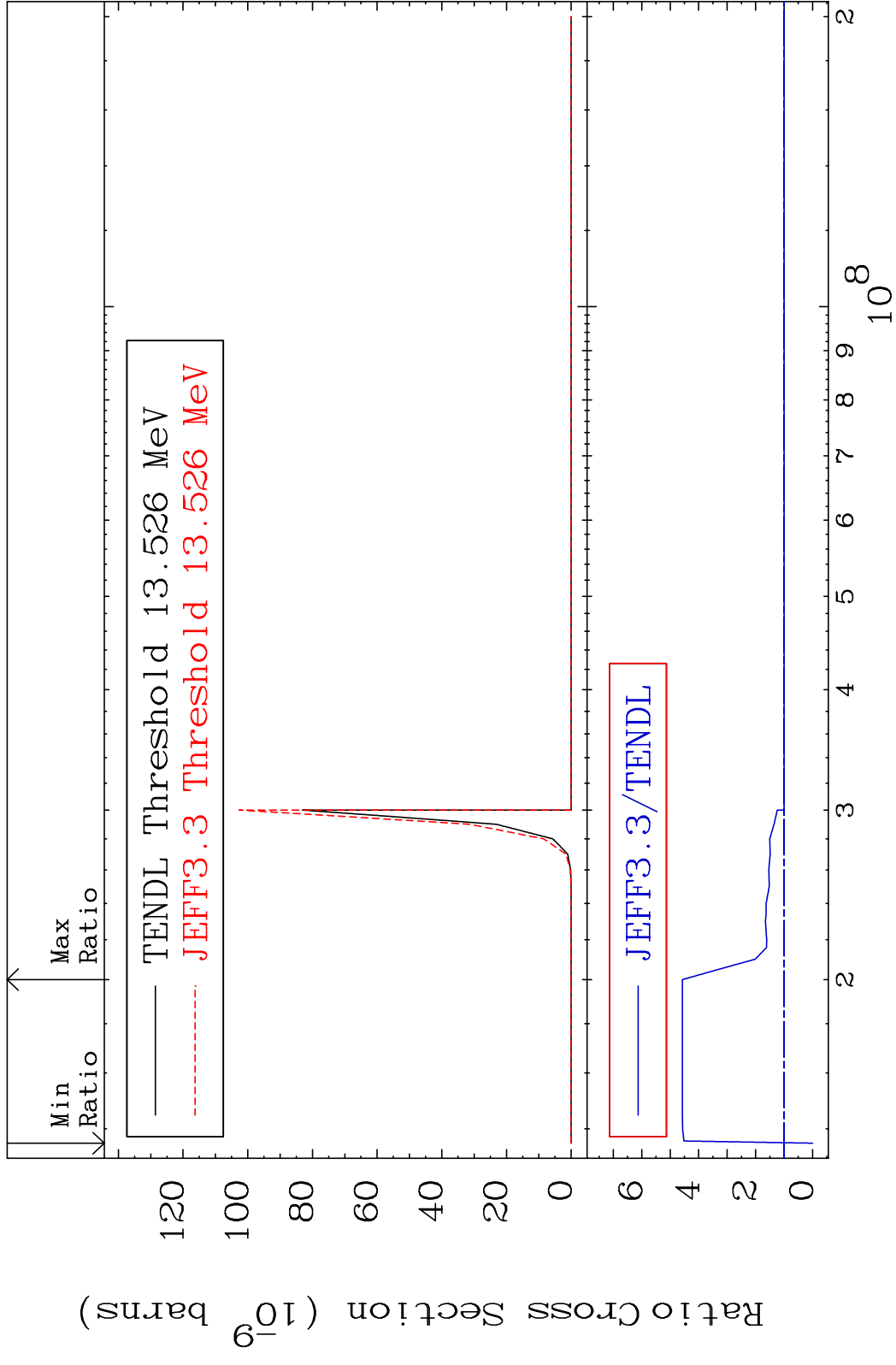


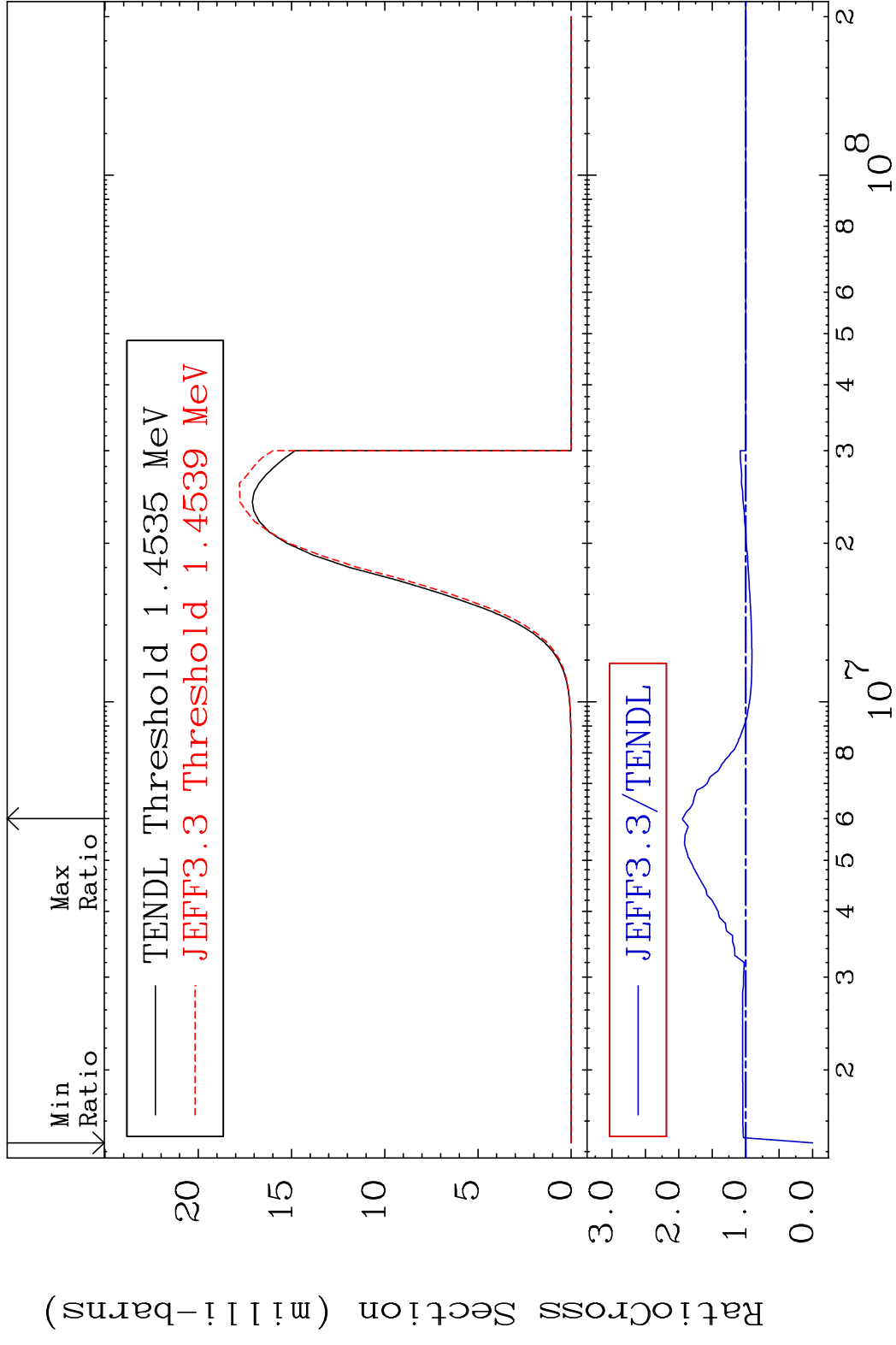




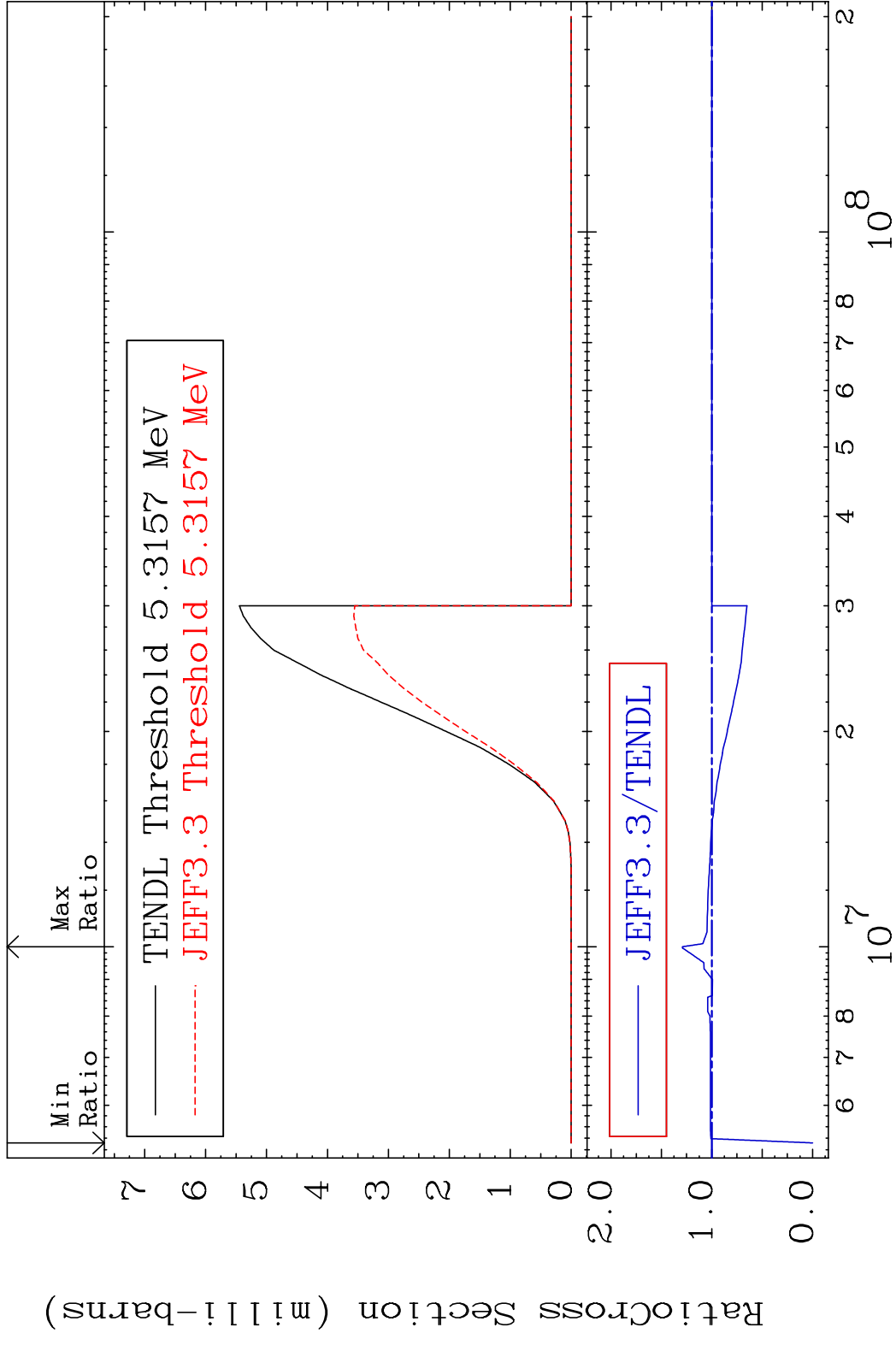


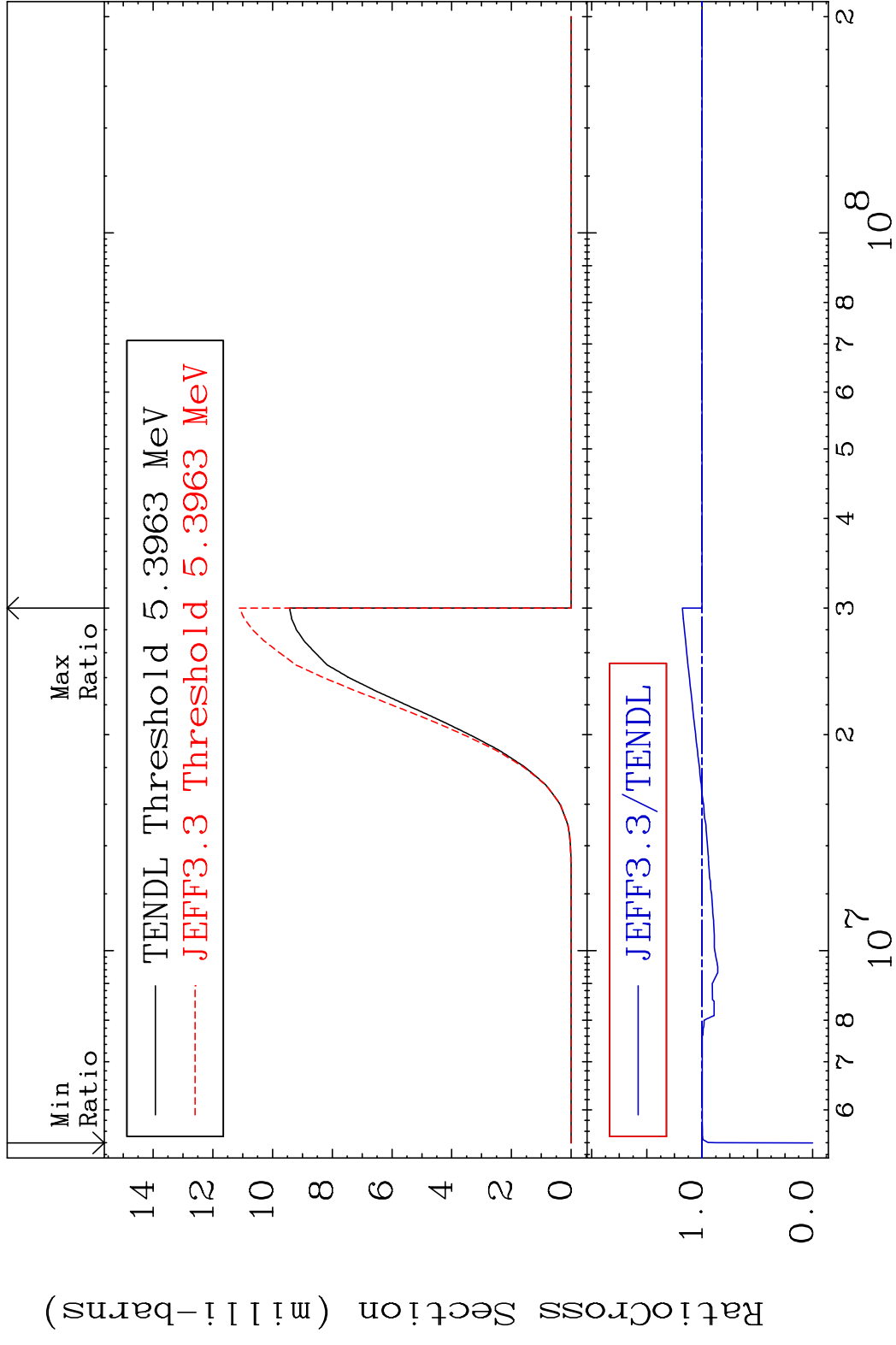


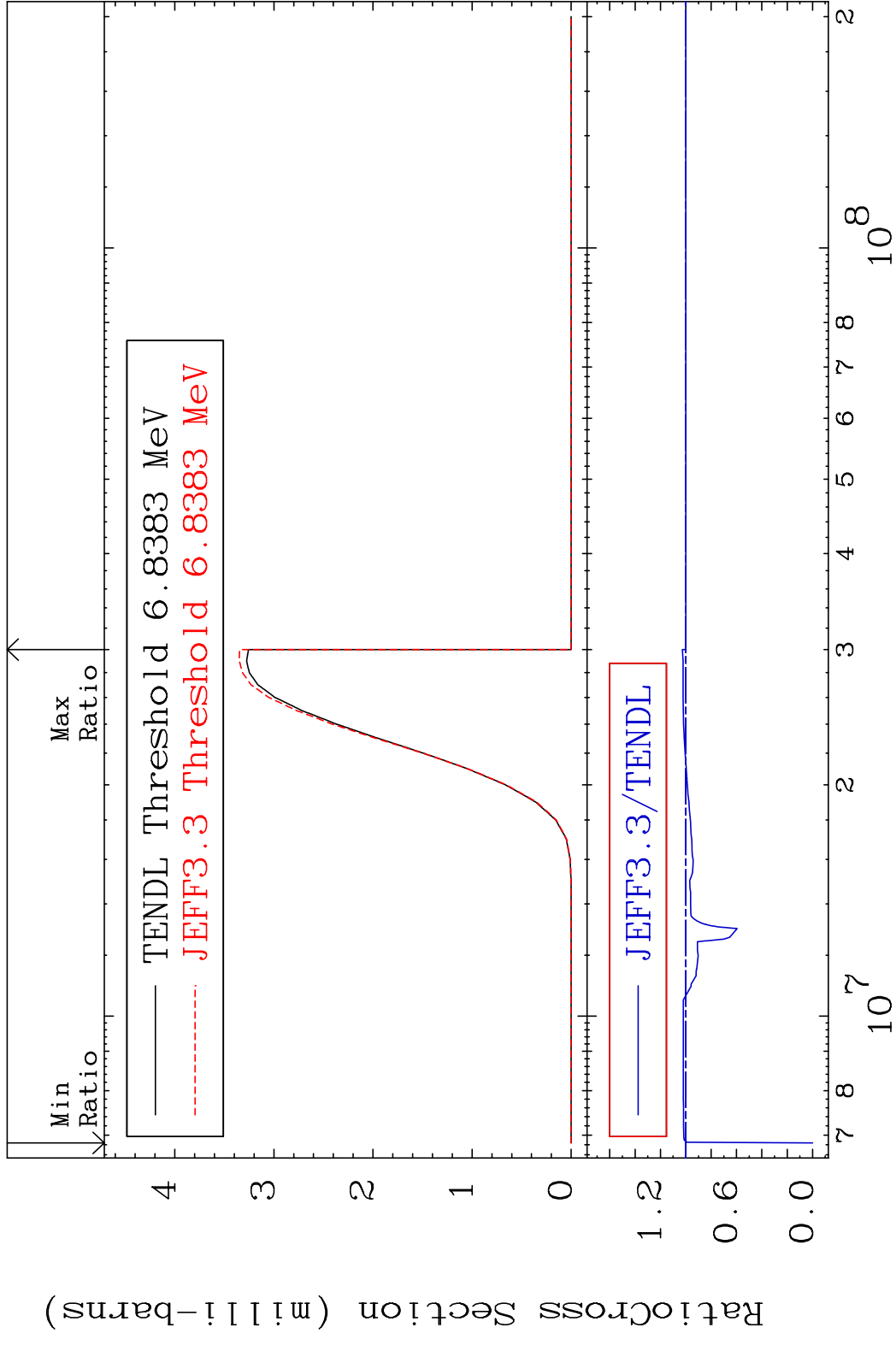


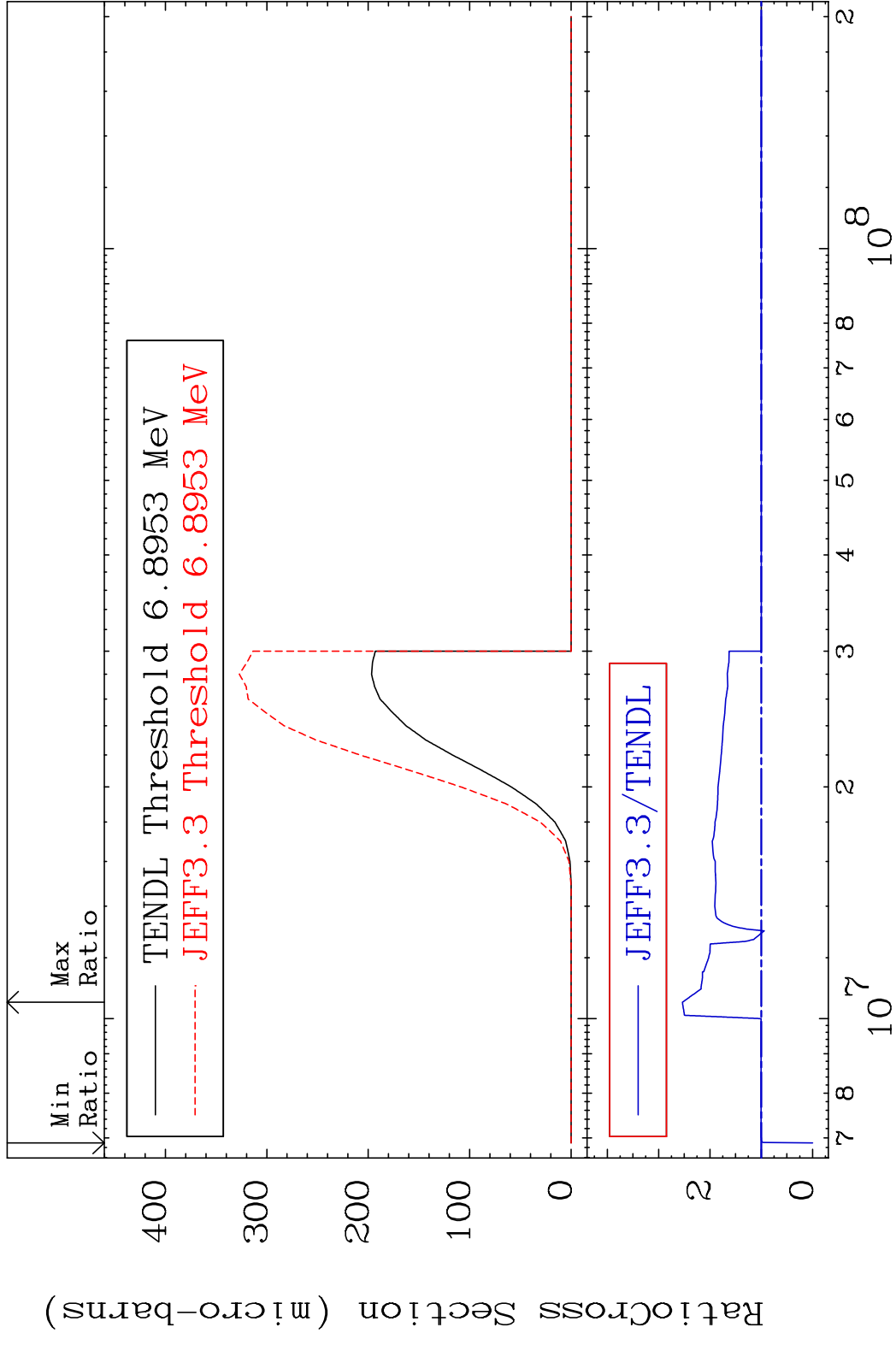


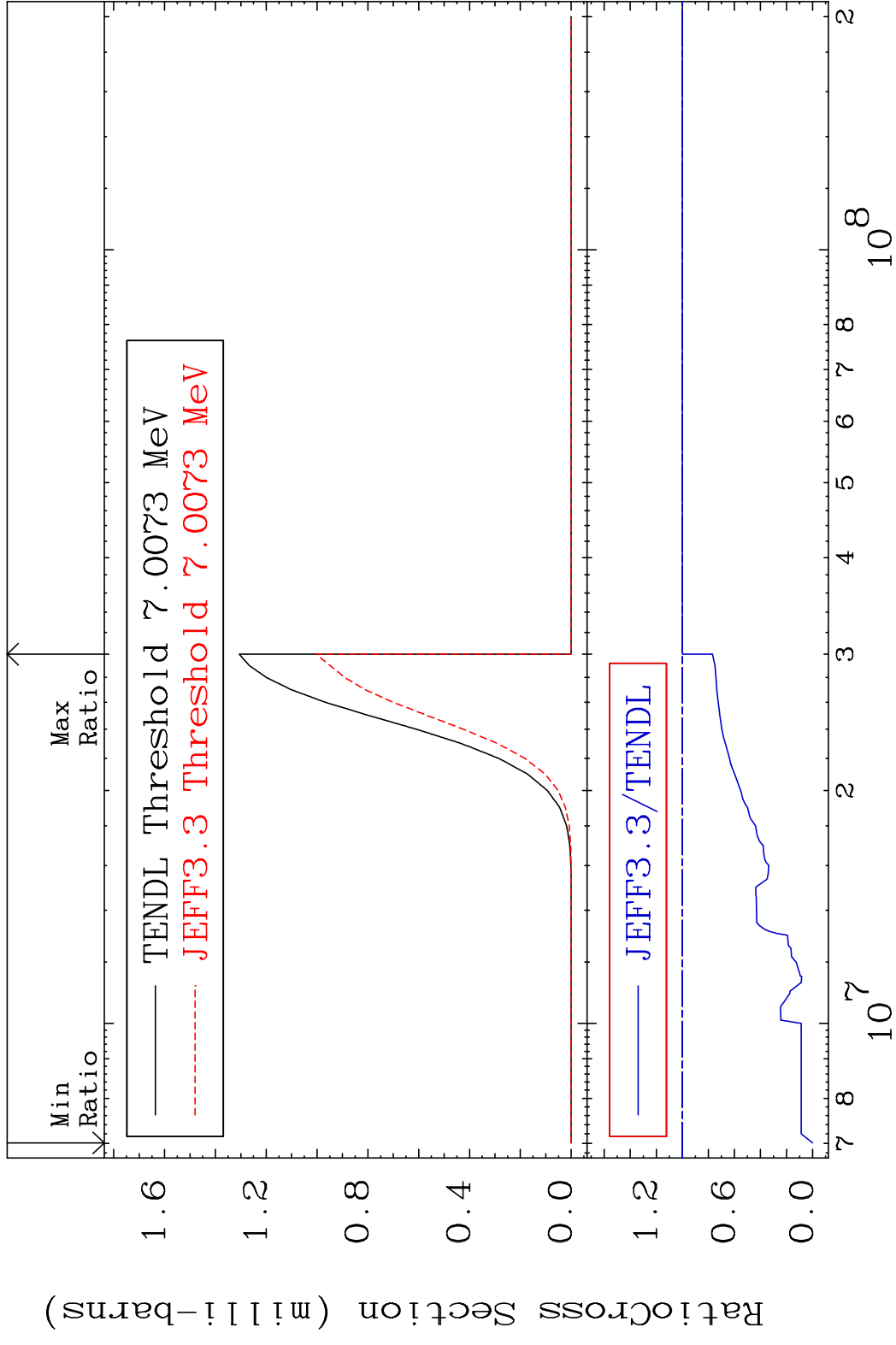
MAT 7837 (n,d):77-Ir-193g 78-Pt-194
 Radionuclide Production Cross Section 180.01 dth 29.21 %

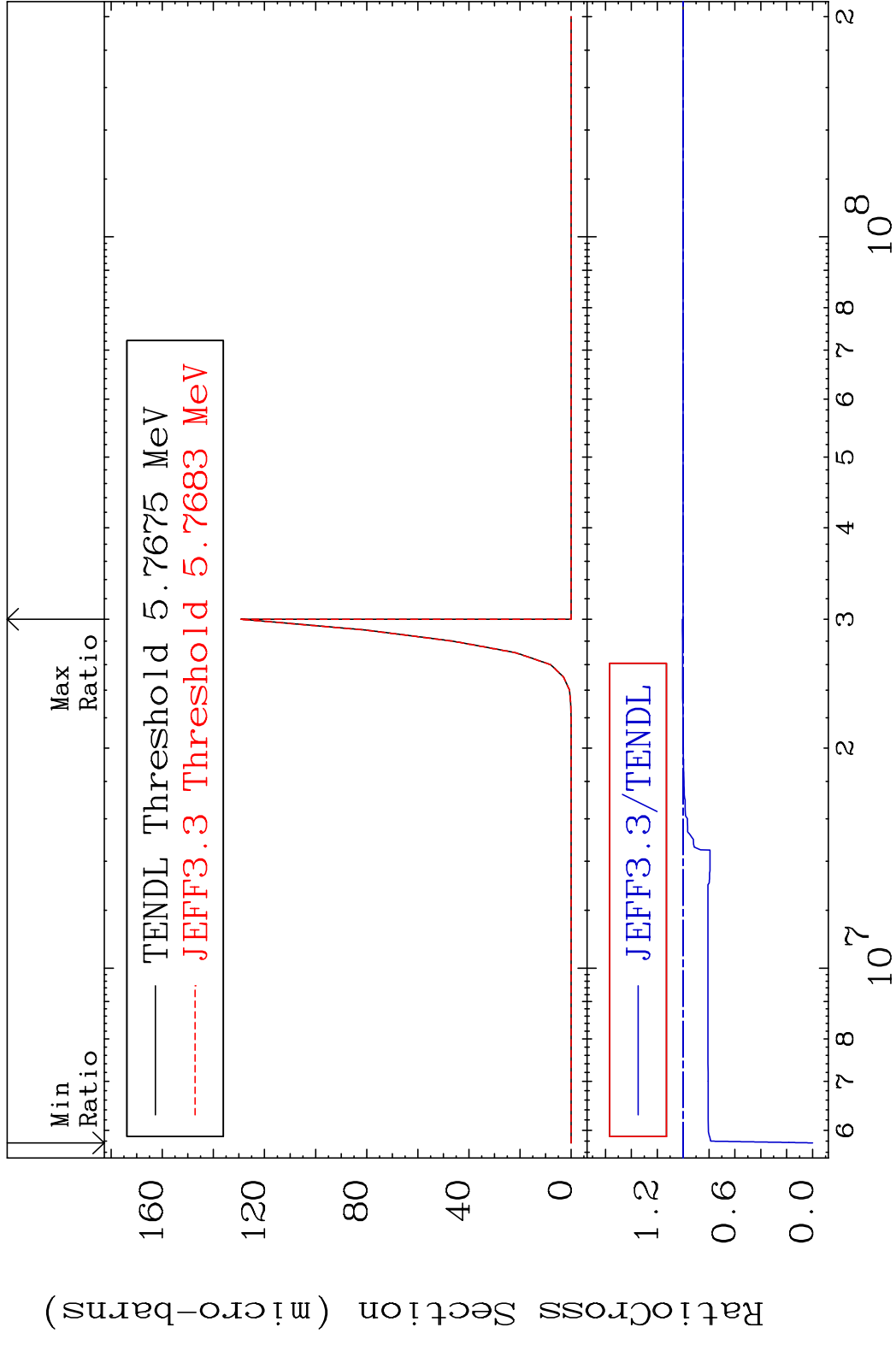


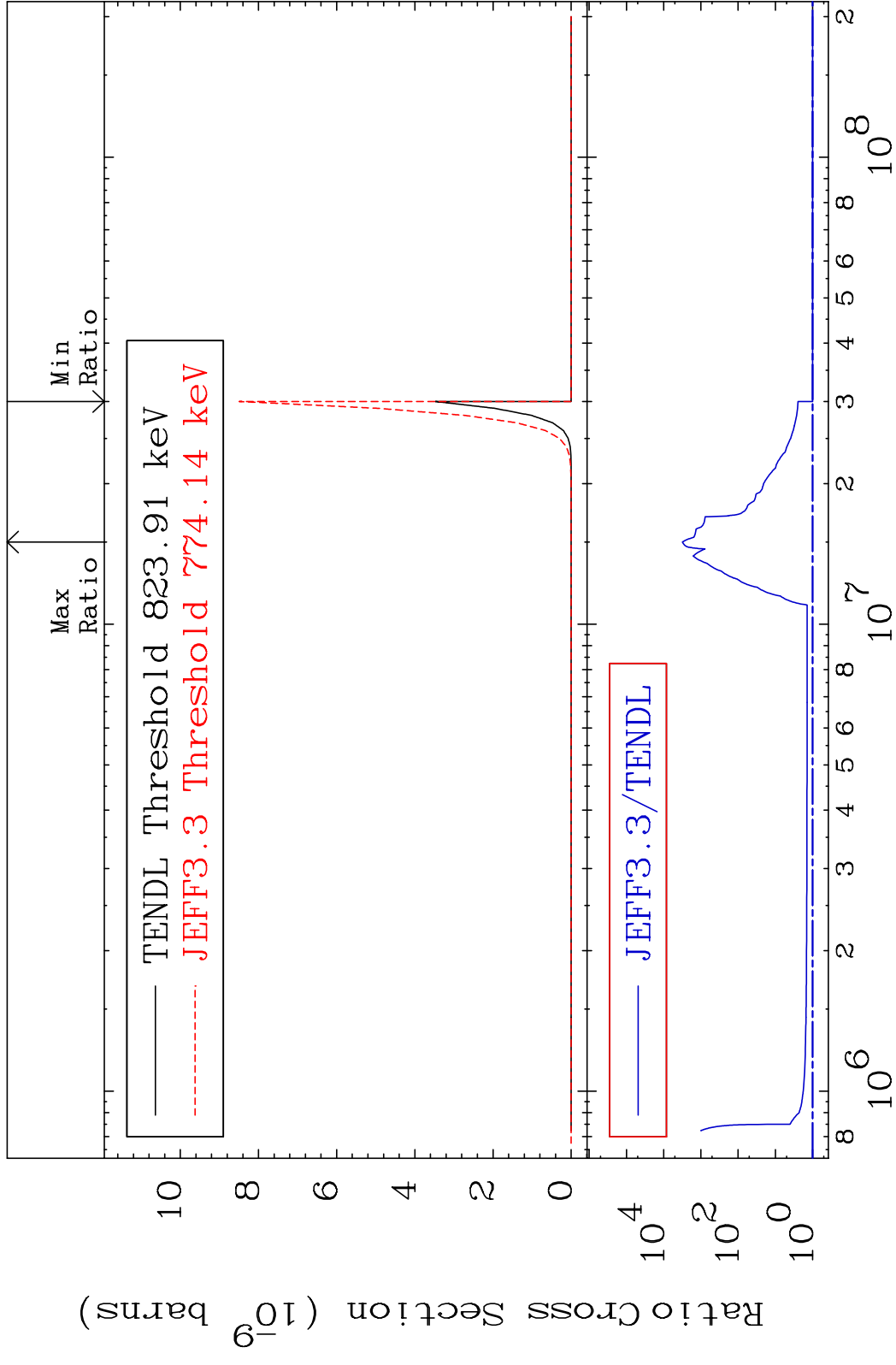


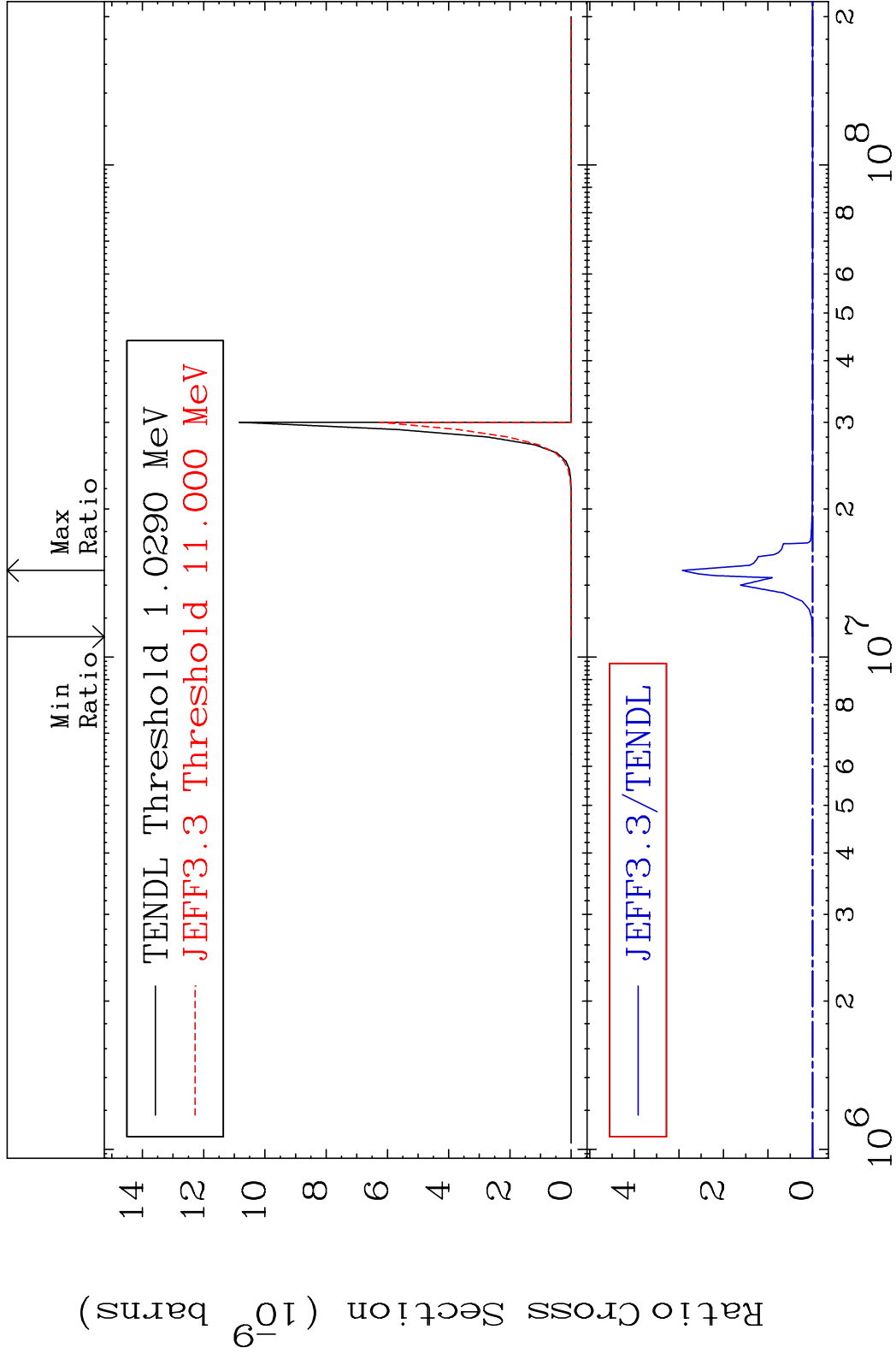


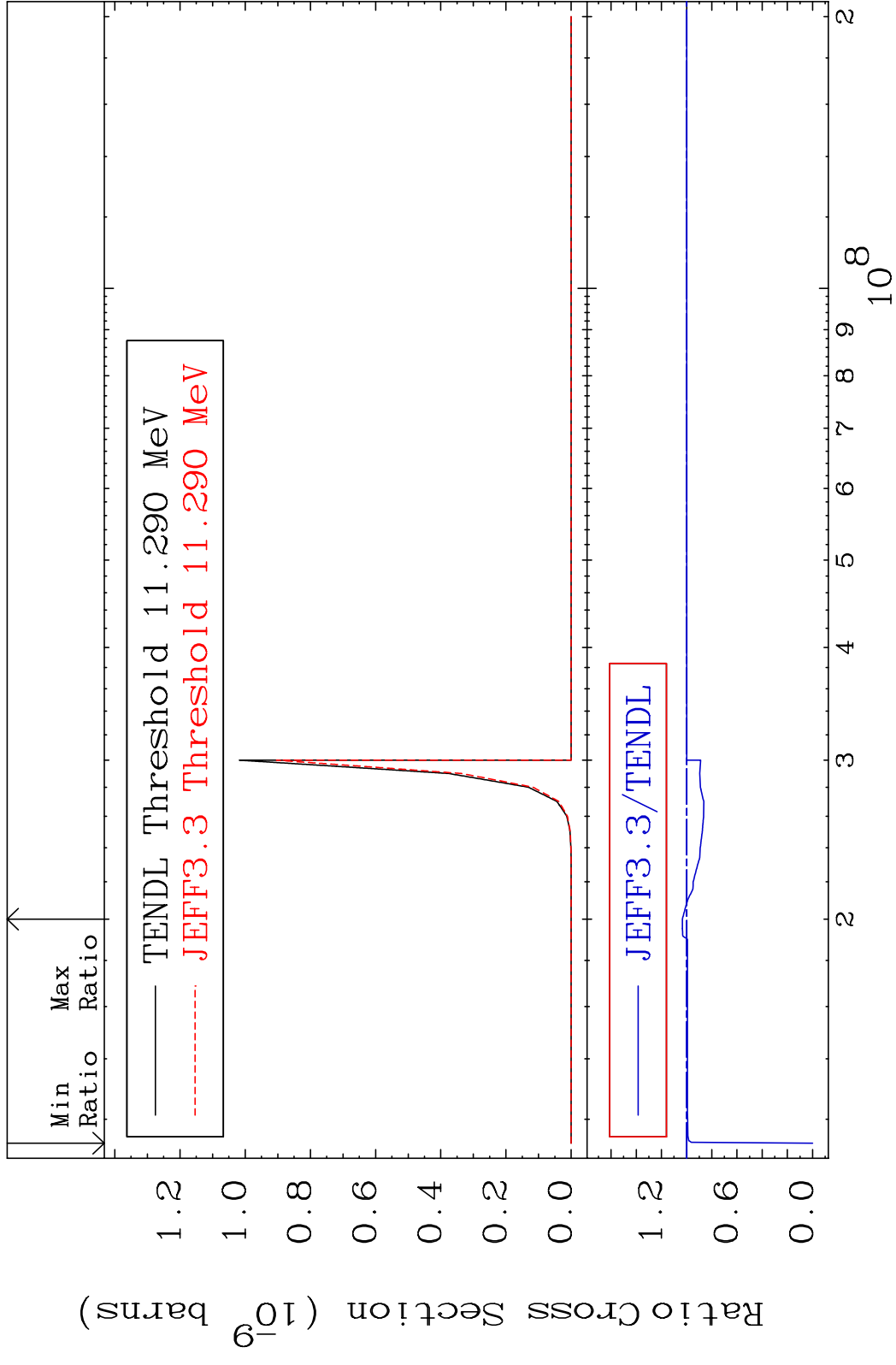




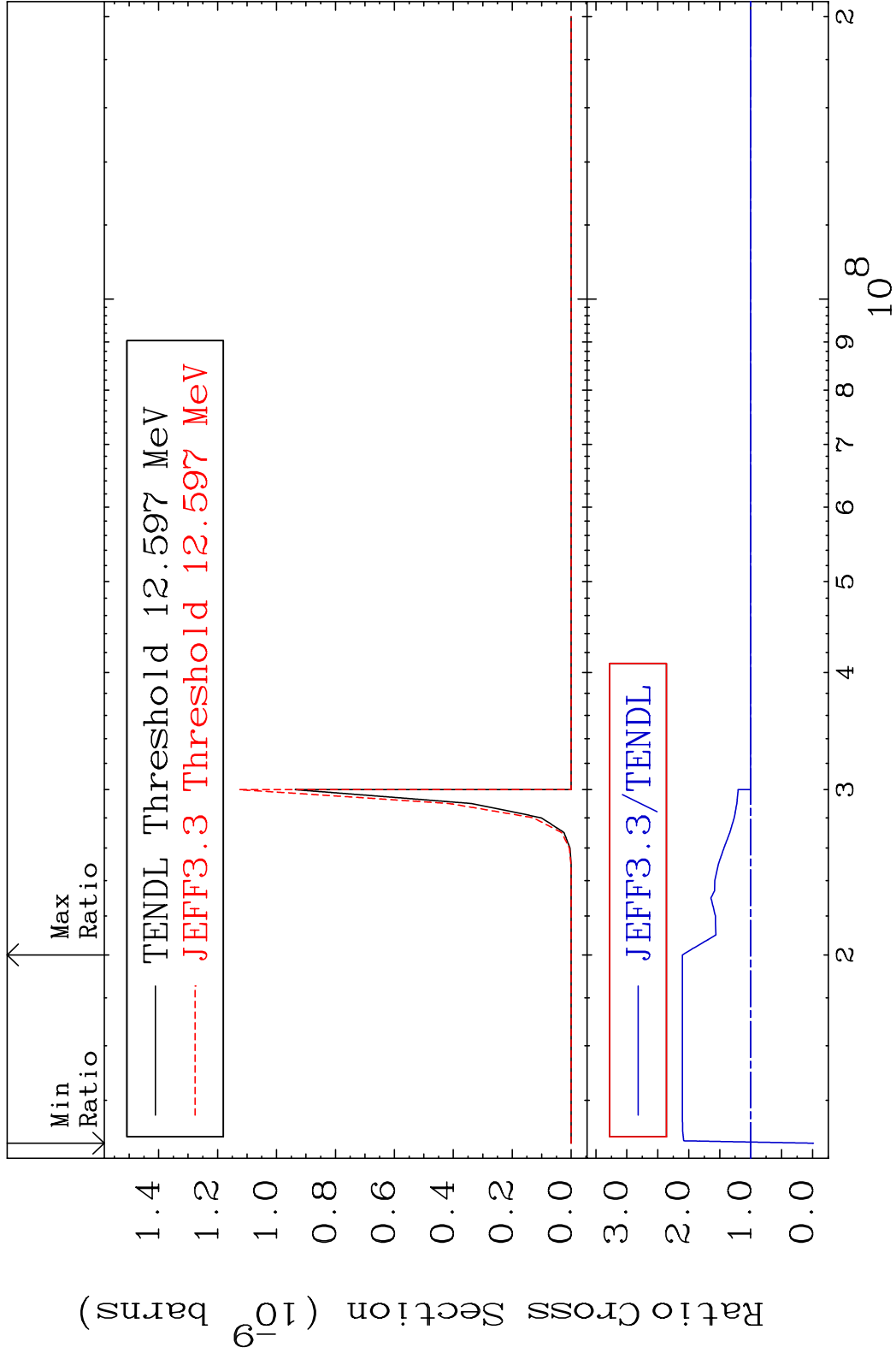




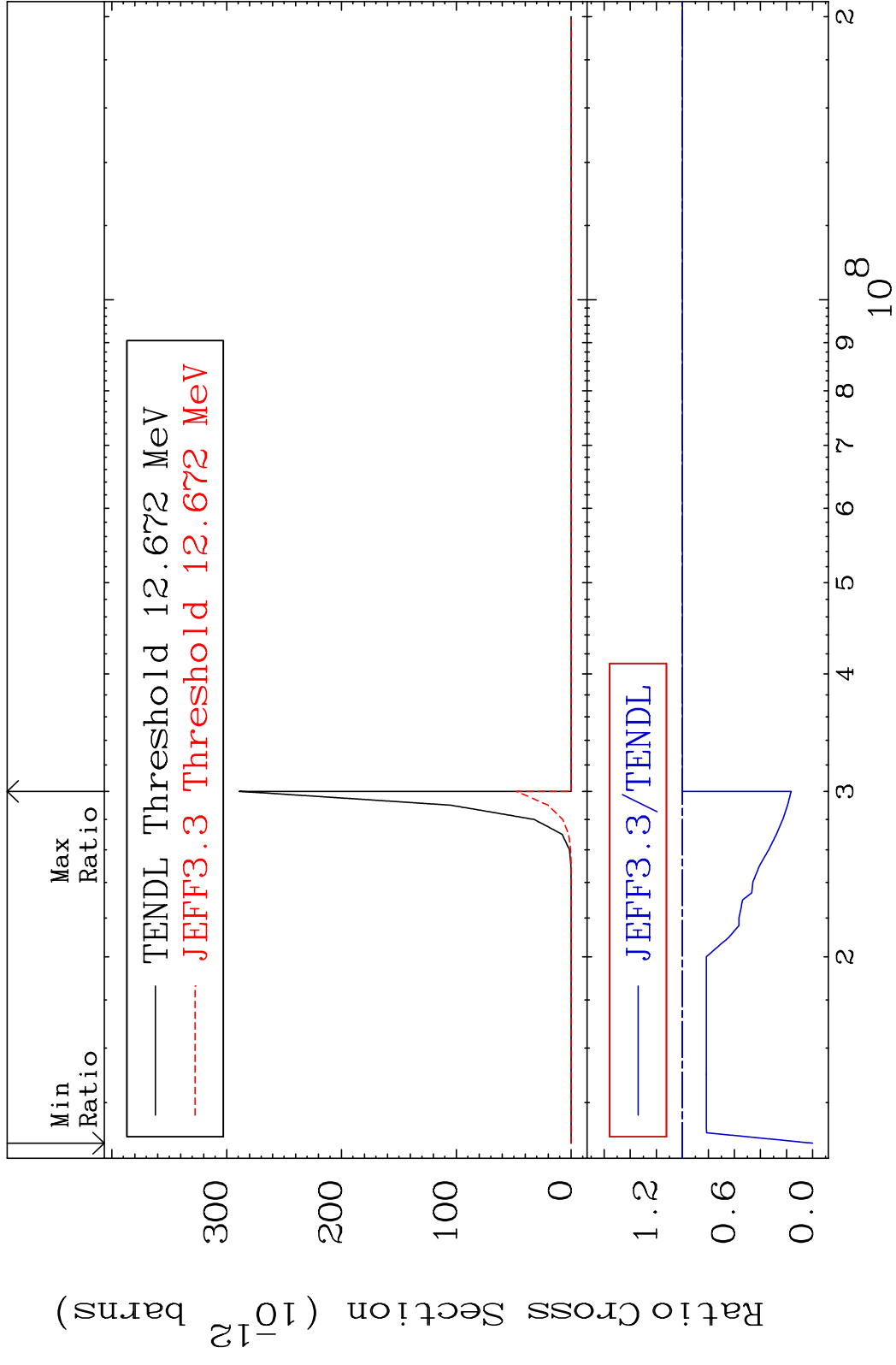




MAT 7837 (n,p) t:76-0s-191g 78-Pt-194
 Radionuclide Production Cross Section 180.0 dth 110.3 %



MAT 7837 (n,p) t:76-0s-191m1 78-Pt-194
 Radionuclide Production Cross Section Ratio 0.000 %



100 Incident Energy (eV) 78-Pt-194

MAT 7837 (n,p) t:76-0s-191m1 78-Pt-194
 Radionuclide Production Cross Section Ratio 0.000 %

