

Program Complot
(Version 2021-1)

by

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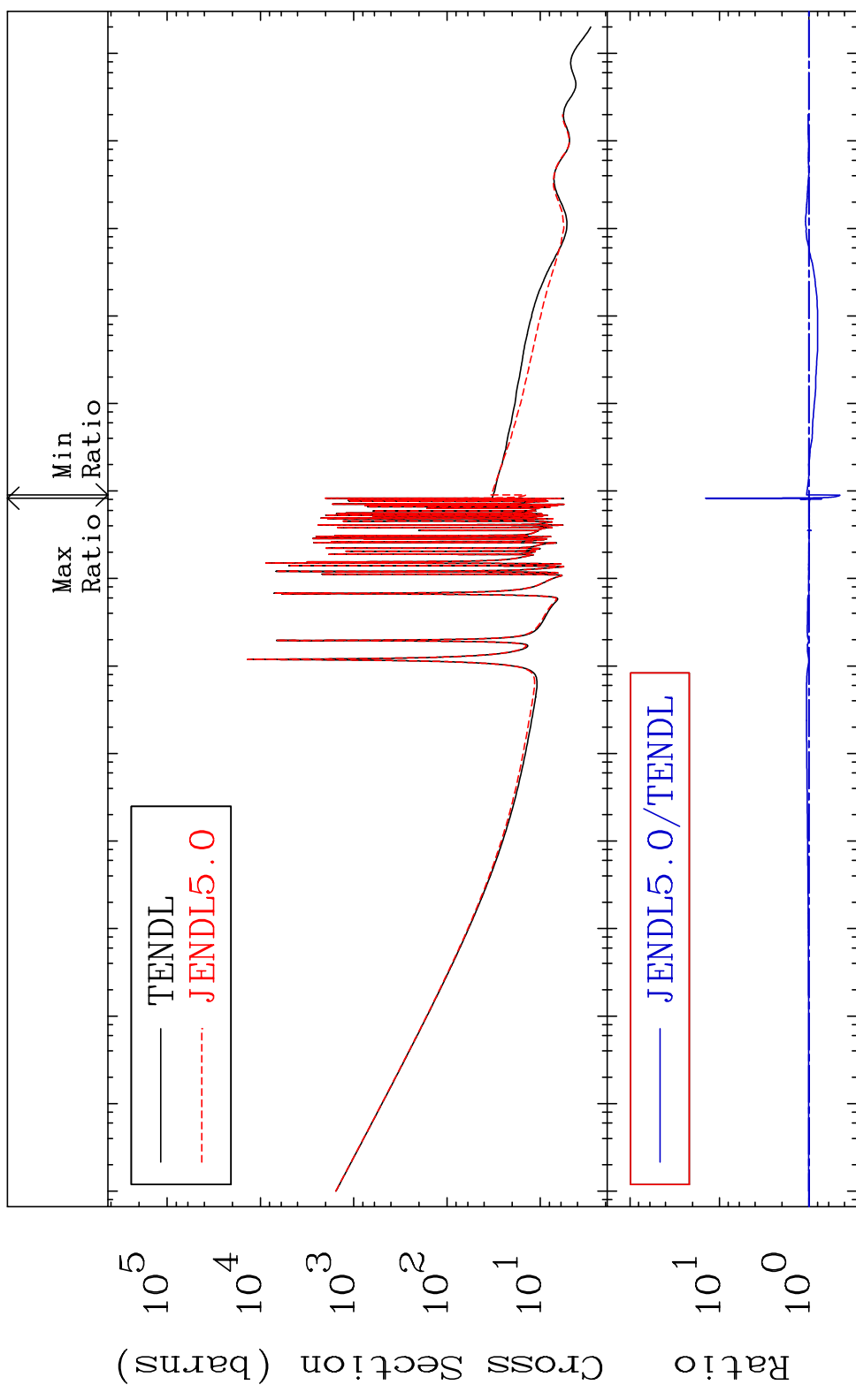
Press Mouse Button to Start

MAT 7840

Total

78-Pt-195

Cross Section -55.56 To 1322. %



1

Incident Energy (eV)

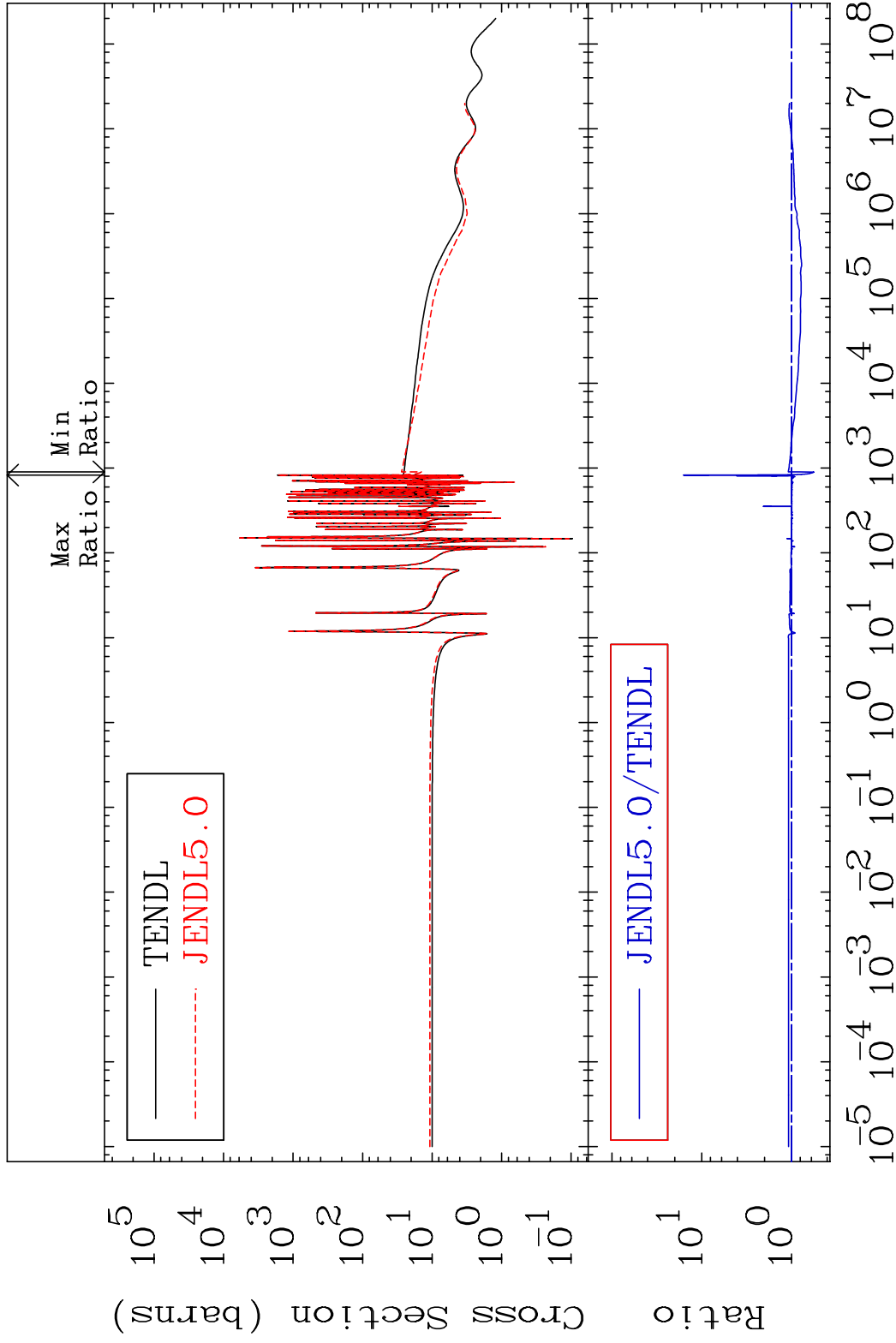
78-Pt-195

MAT 7840

Elastic

78-Pt-195

Cross Section -44.02 To 1490. %

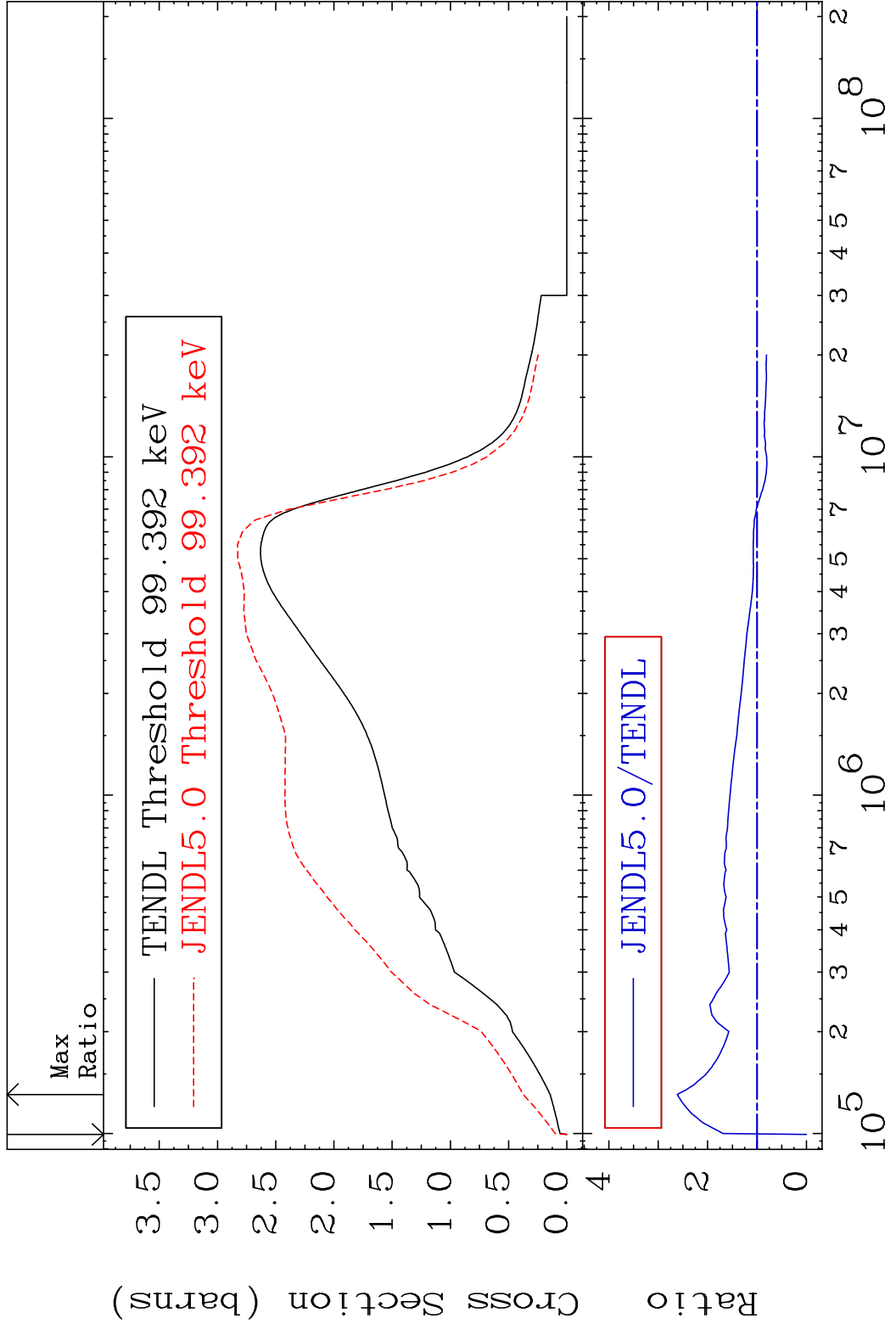


2

Incident Energy (eV)

78-Pt-195

MAT 7840 Inelastic 78-Pt-195
Cross Section -100.0 To 161.7 %



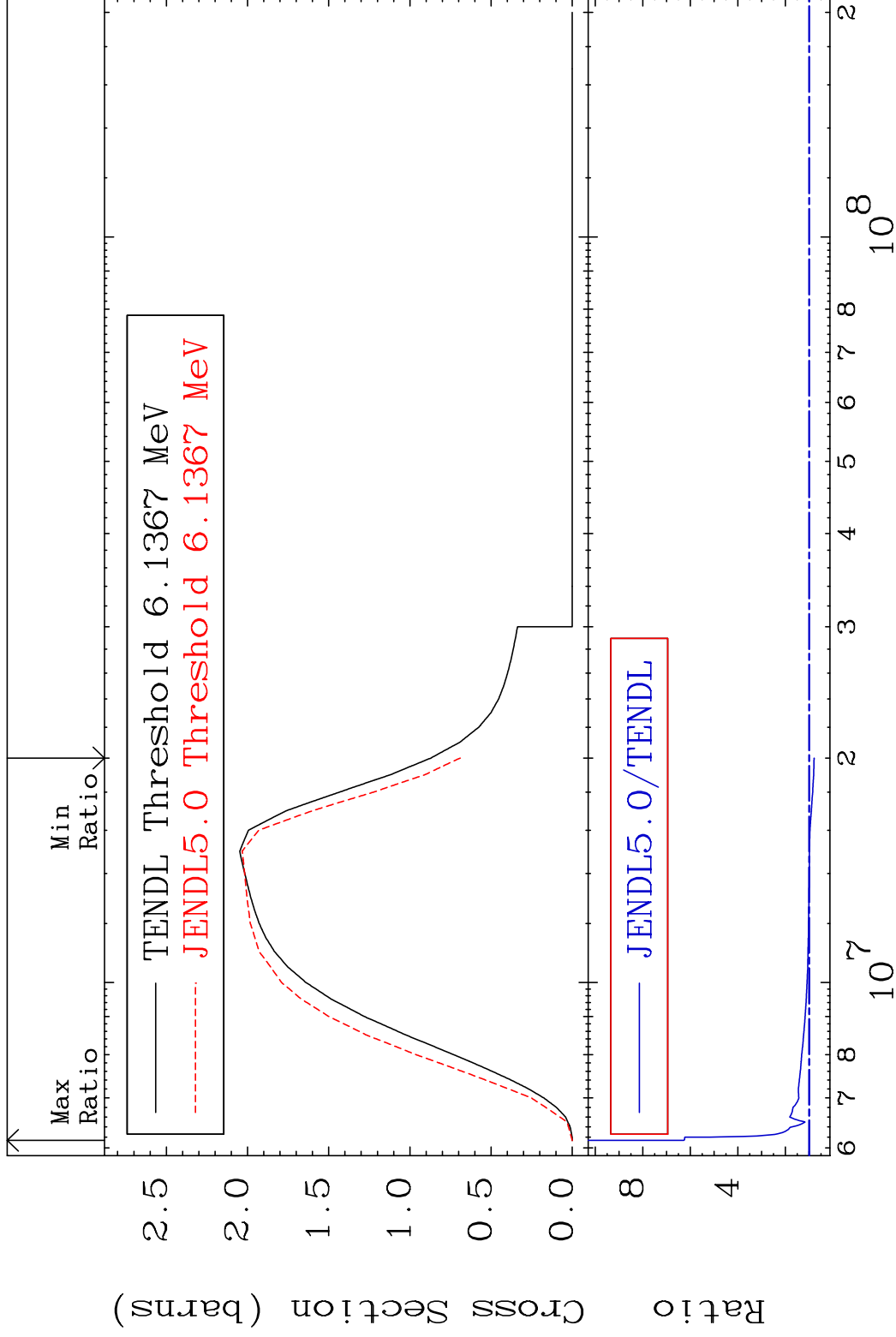
3 Incident Energy (eV) 78-Pt-195

MAT 7840

(n,2n)

78-Pt-195

Cross Section -20.69 To 528.3 %



4

Incident Energy (eV)

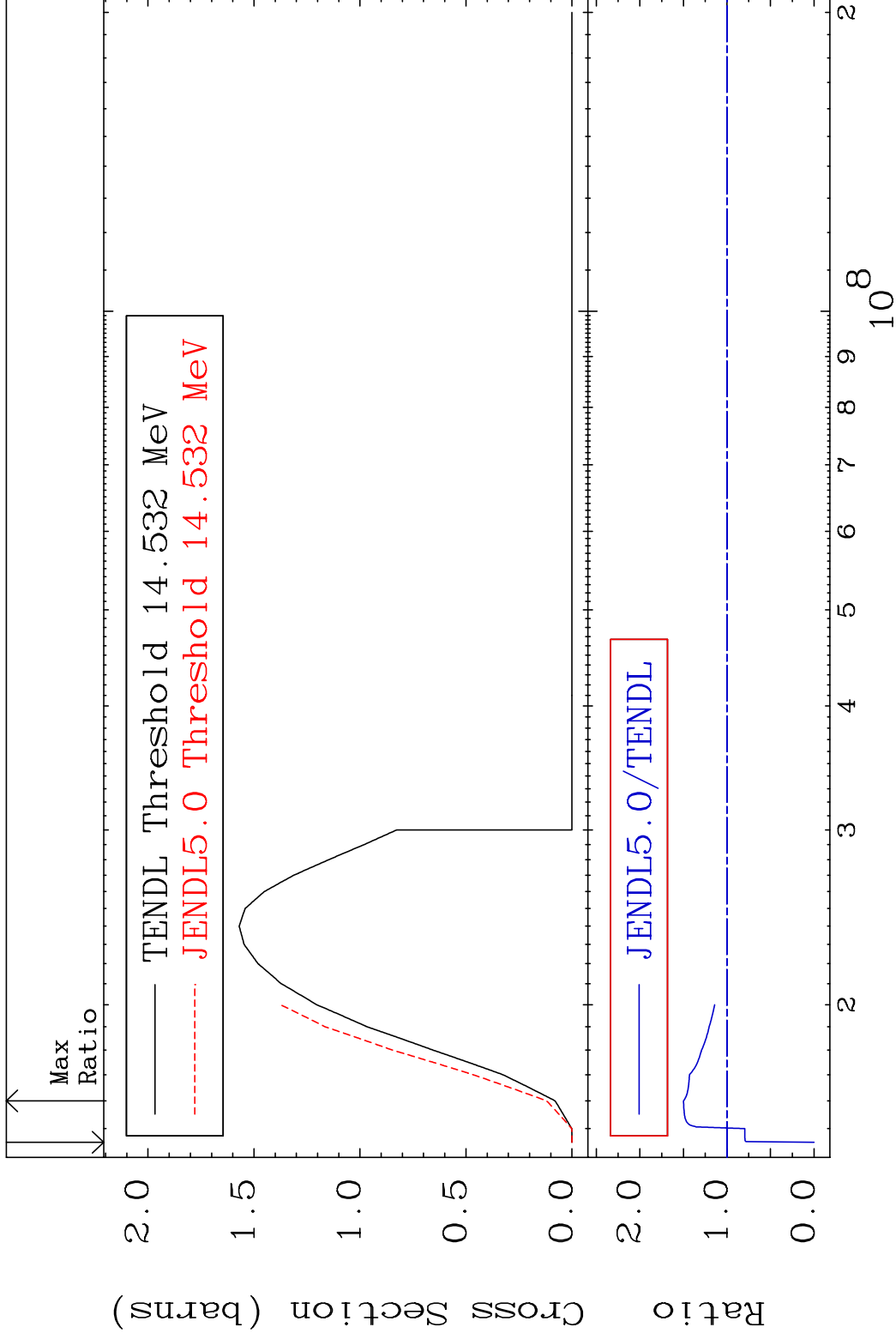
78-Pt-195

MAT 7840

(n,3n)

78-Pt-195

Cross Section -100.0 To 49.97 %



5

Incident Energy (eV)

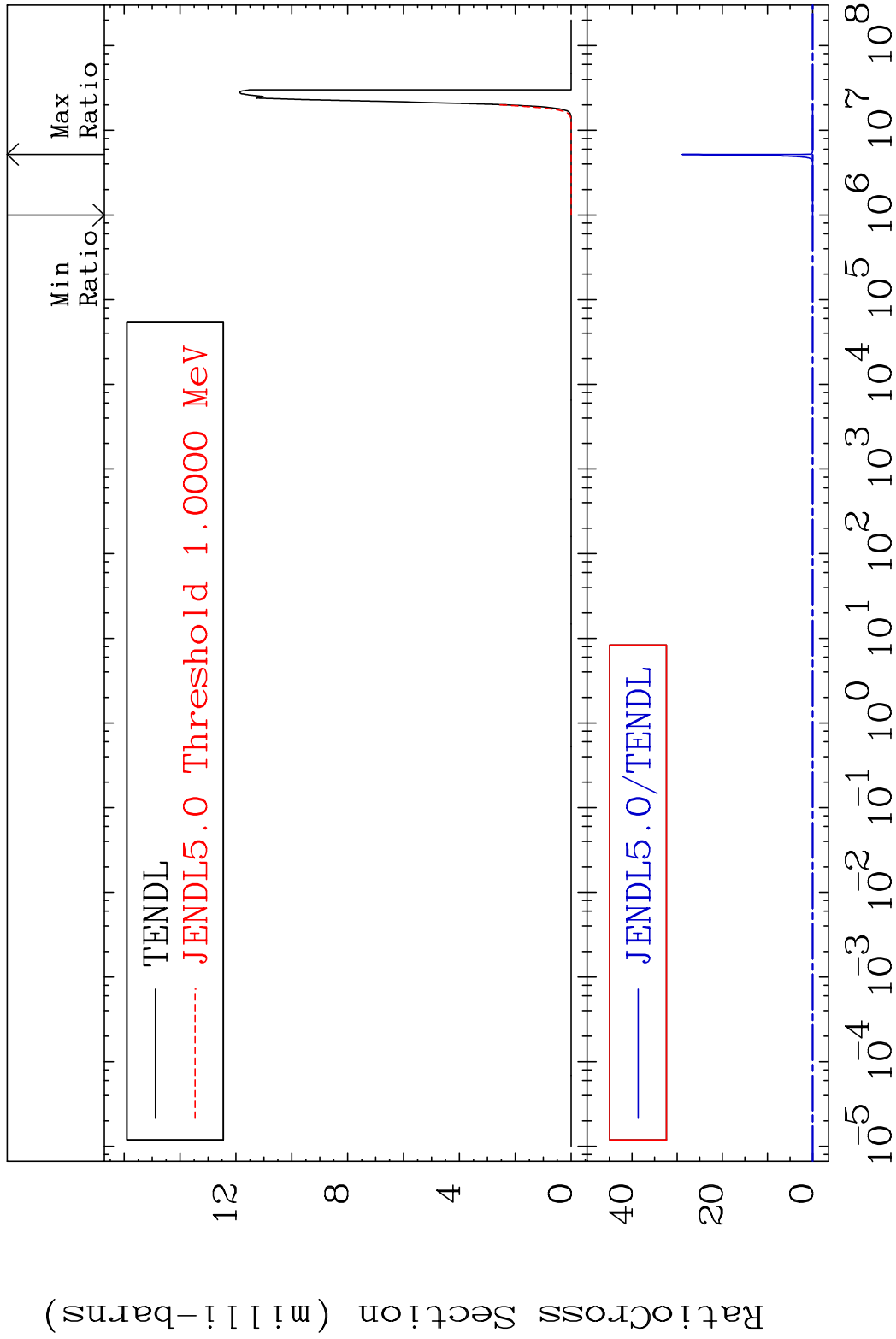
78-Pt-195

MAT 7840

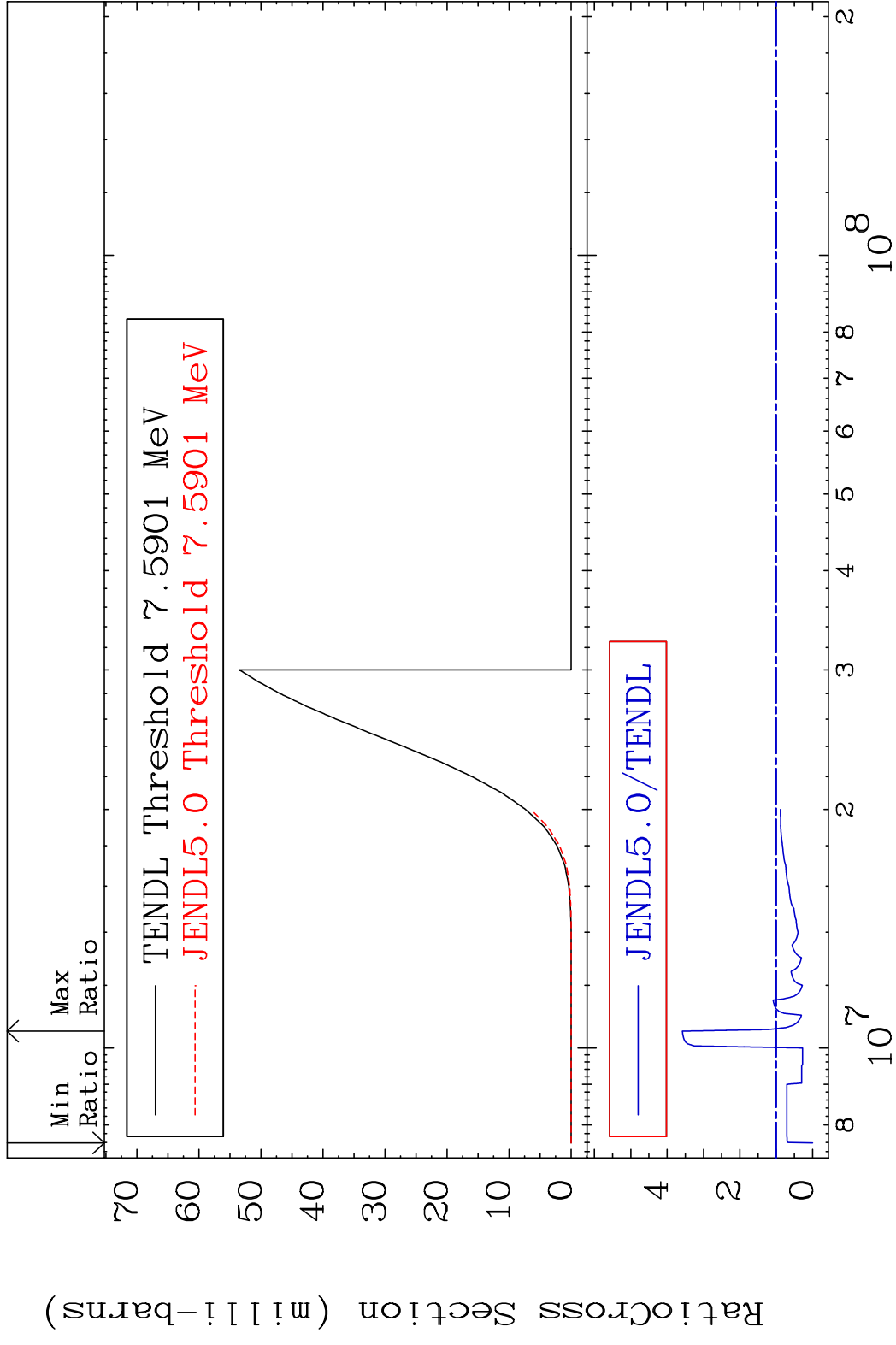
(n, n') α

78-Pt-195

Cross Section -100.0 To 9999. %

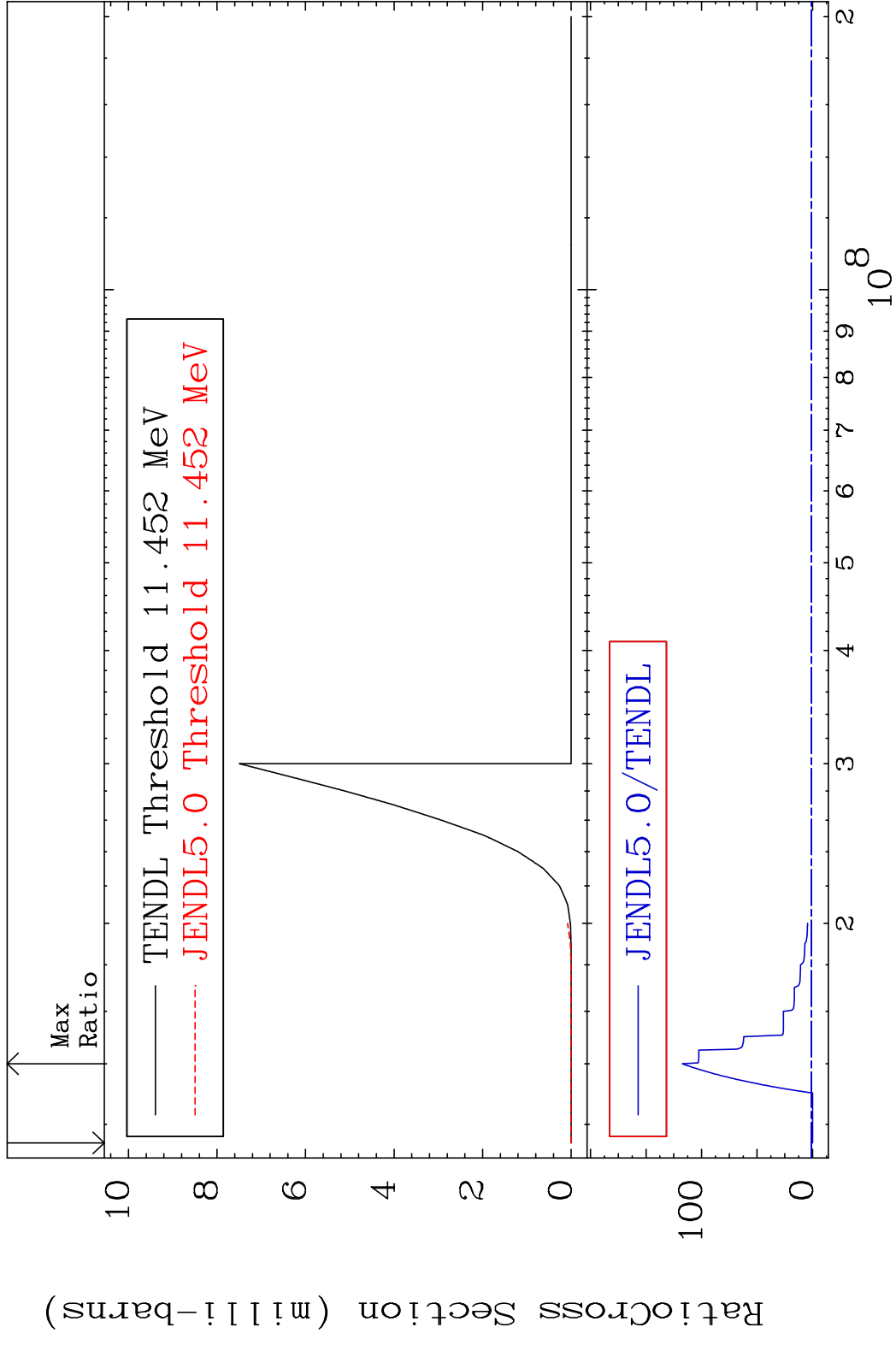


MAT 7840 (n, n') p 78-Pt-195
 Cross Section -100.0 To 258.1 %



7 Incident Energy (eV) 78-Pt-195

MAT 7840 (n, n') d 78-Pt-195
 Cross Section -100.0 To 9999. %



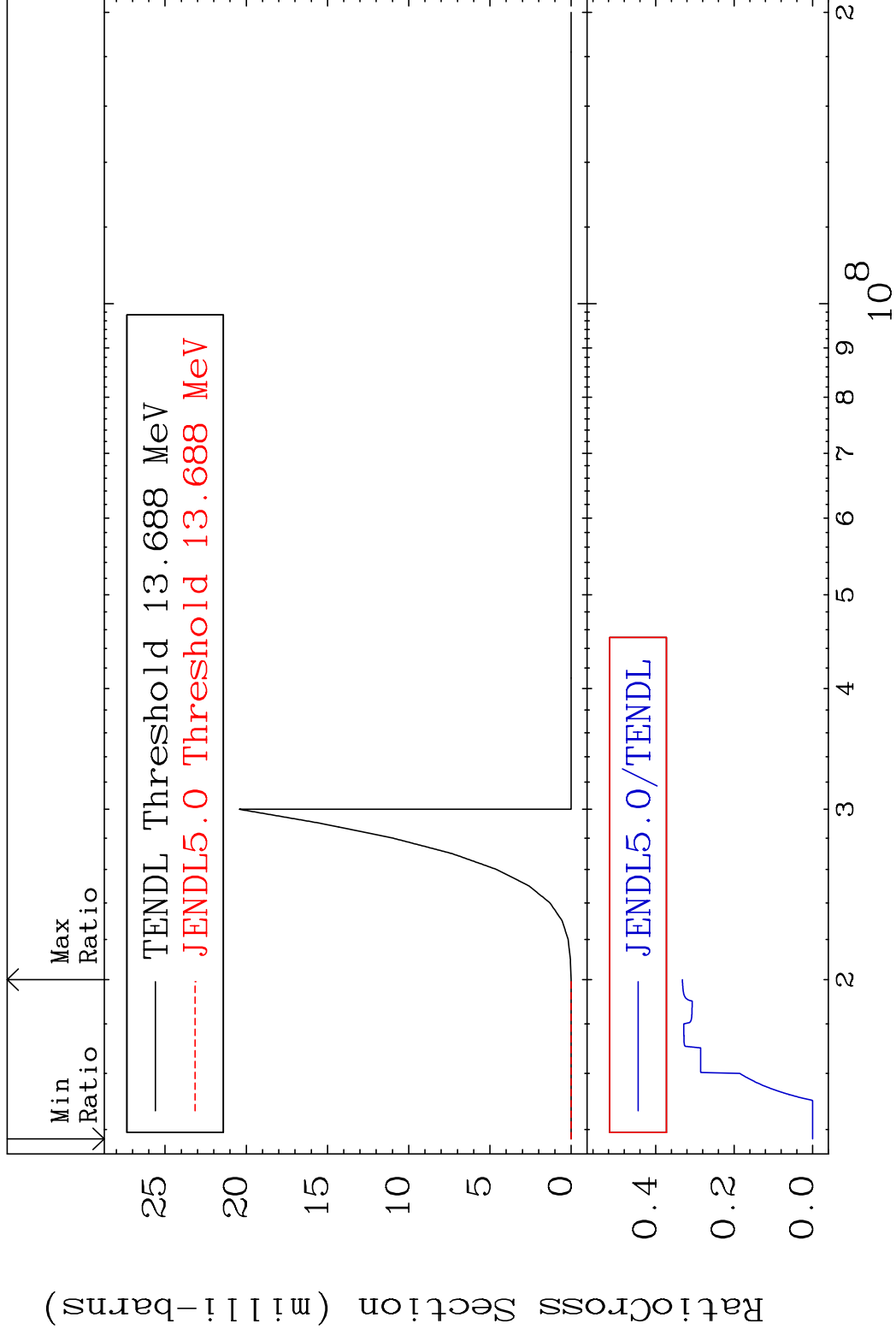
8 Incident Energy (eV) 78-Pt-195

MAT 7840

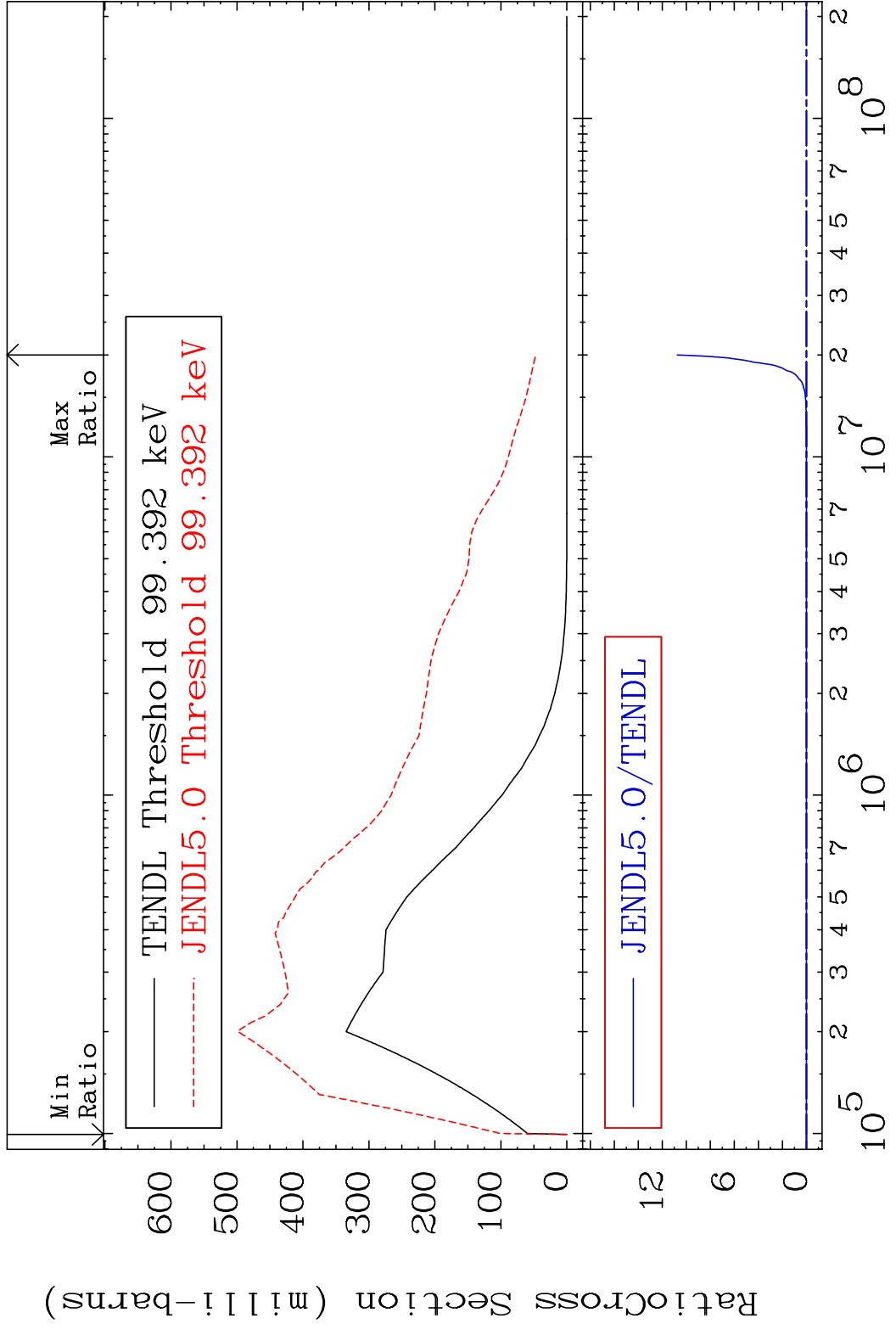
(n,2n) p

78-Pt-195

Cross Section -100.0 To -66.81%



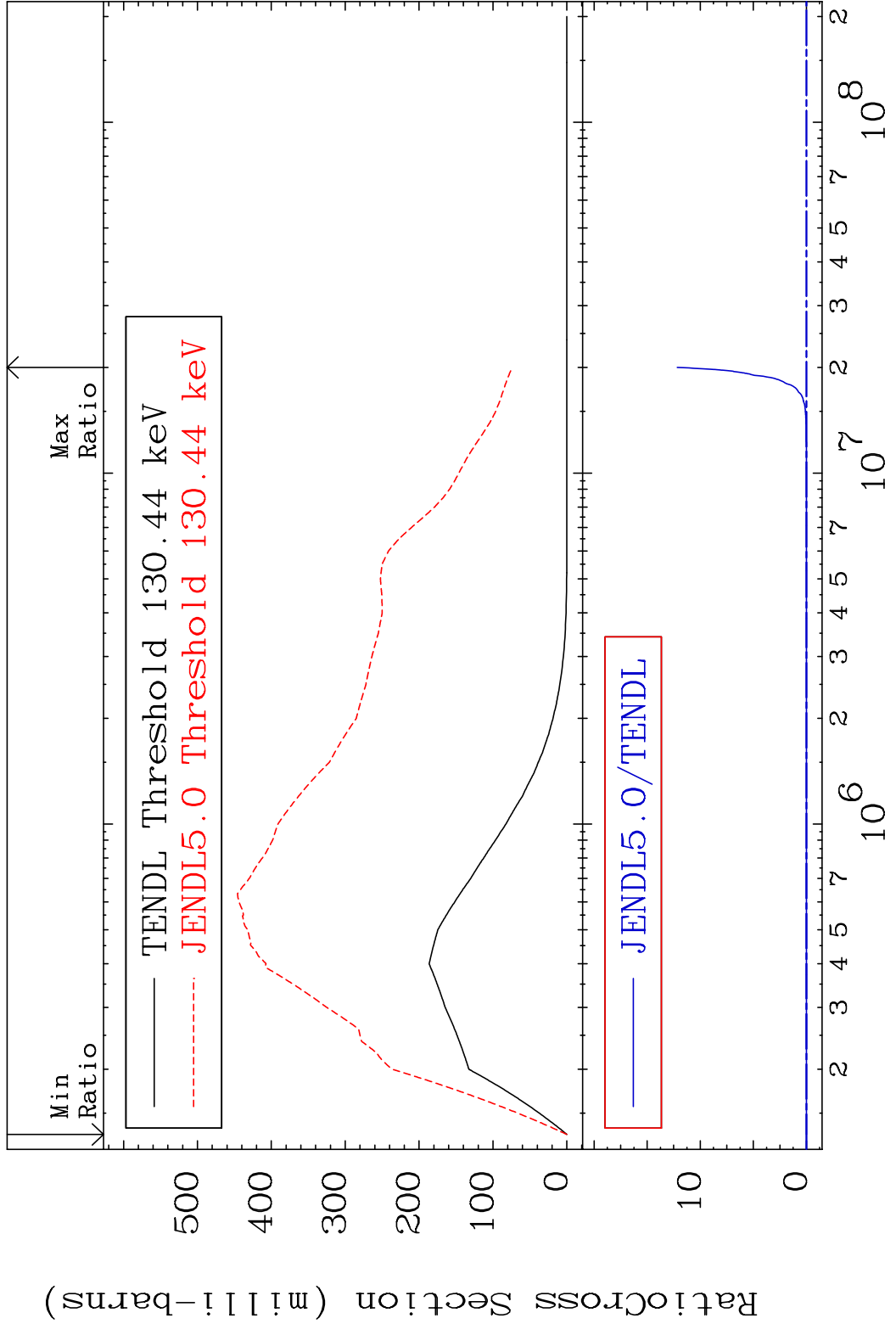
MAT 7840 MT= 51 (n, n') Level 78-Pt-195
 Cross Section -100.0 To 9999. %



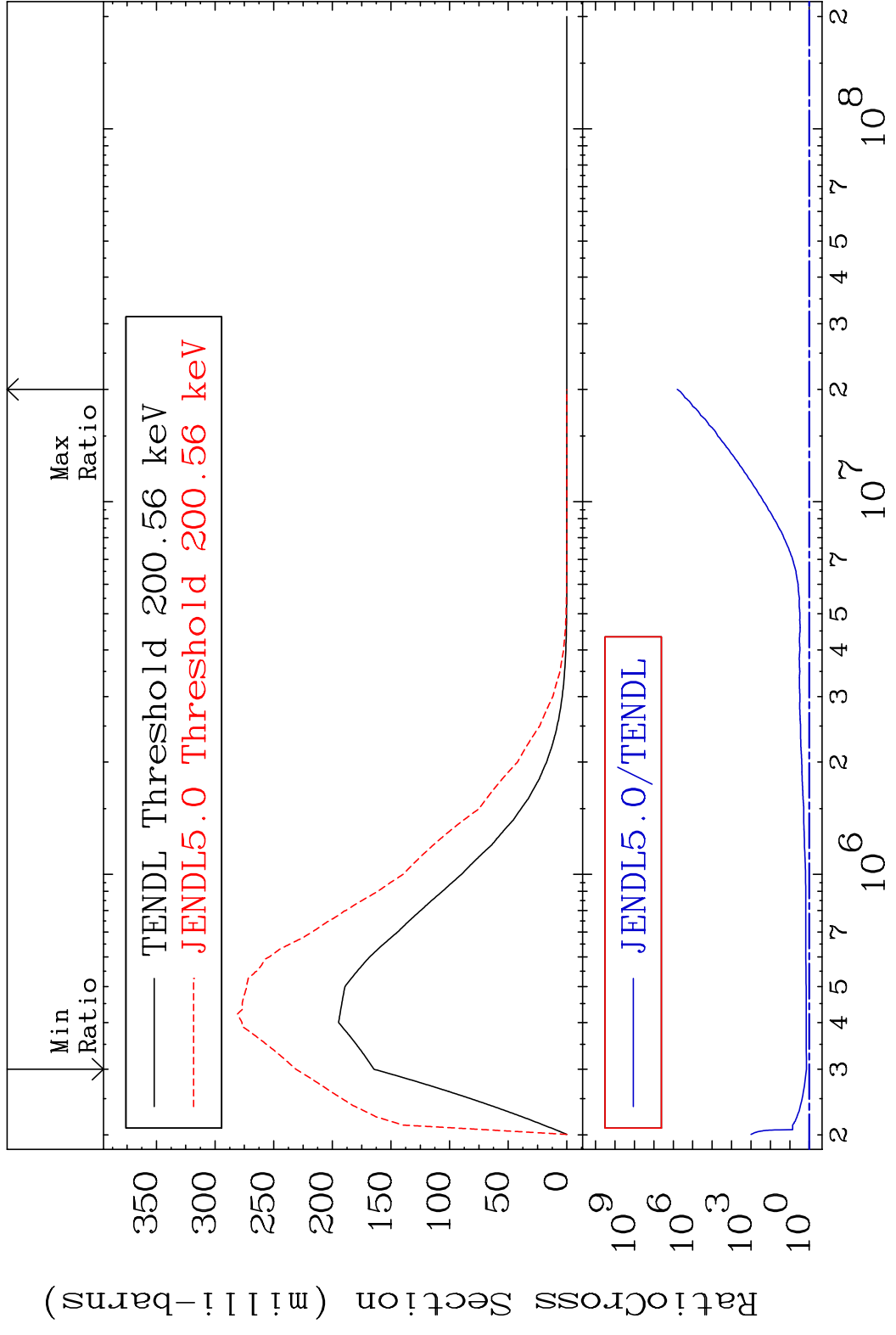
10 10⁵ 10⁶ 10⁷ 10⁸ 2 3 4 5 6 7 8 2 3 4 5 6 7 8 2

78-Pt-195

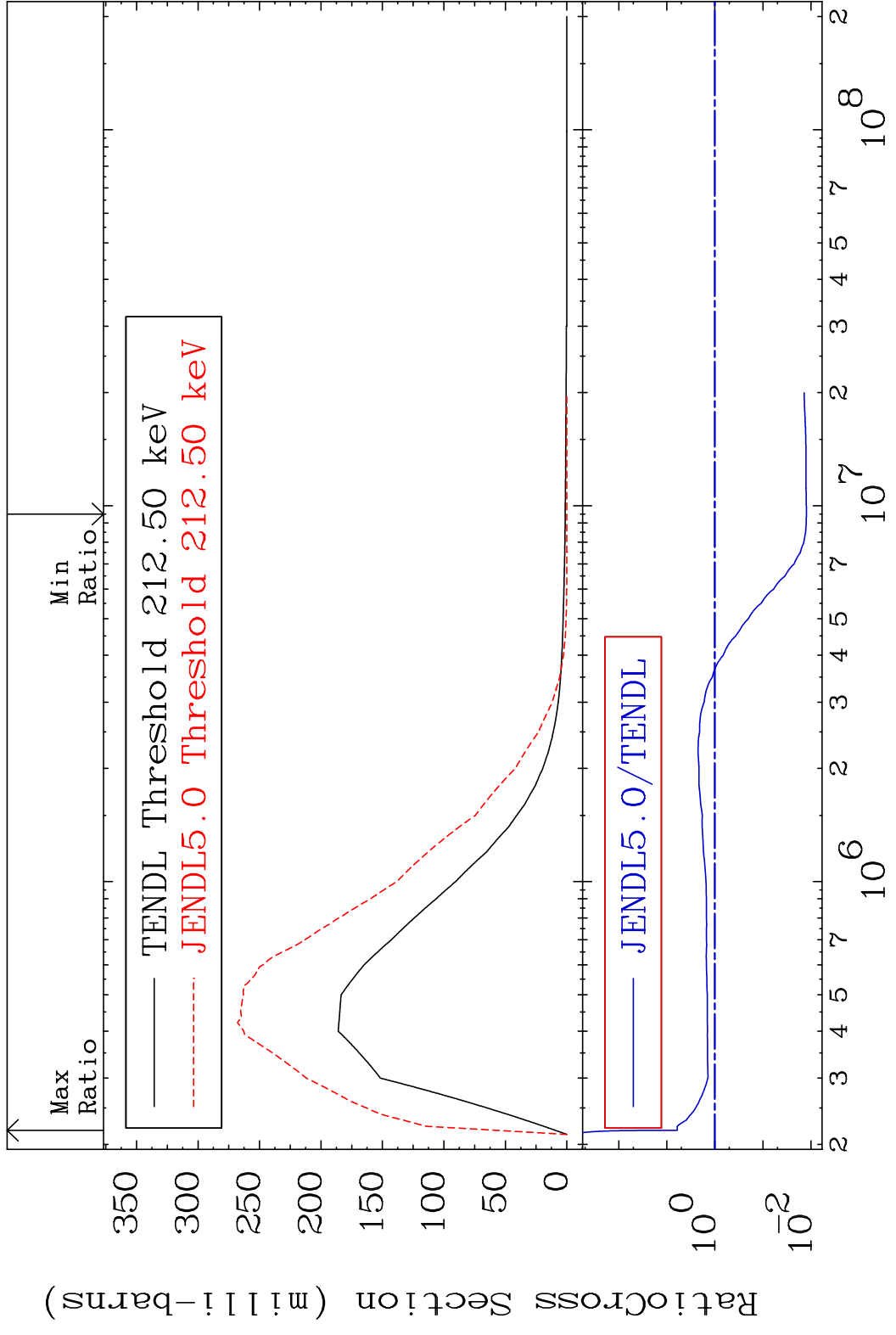
MAT 7840 MT= 52 (n, n') Level 78-Pt-195
 Cross Section -100.0 To 9999. %



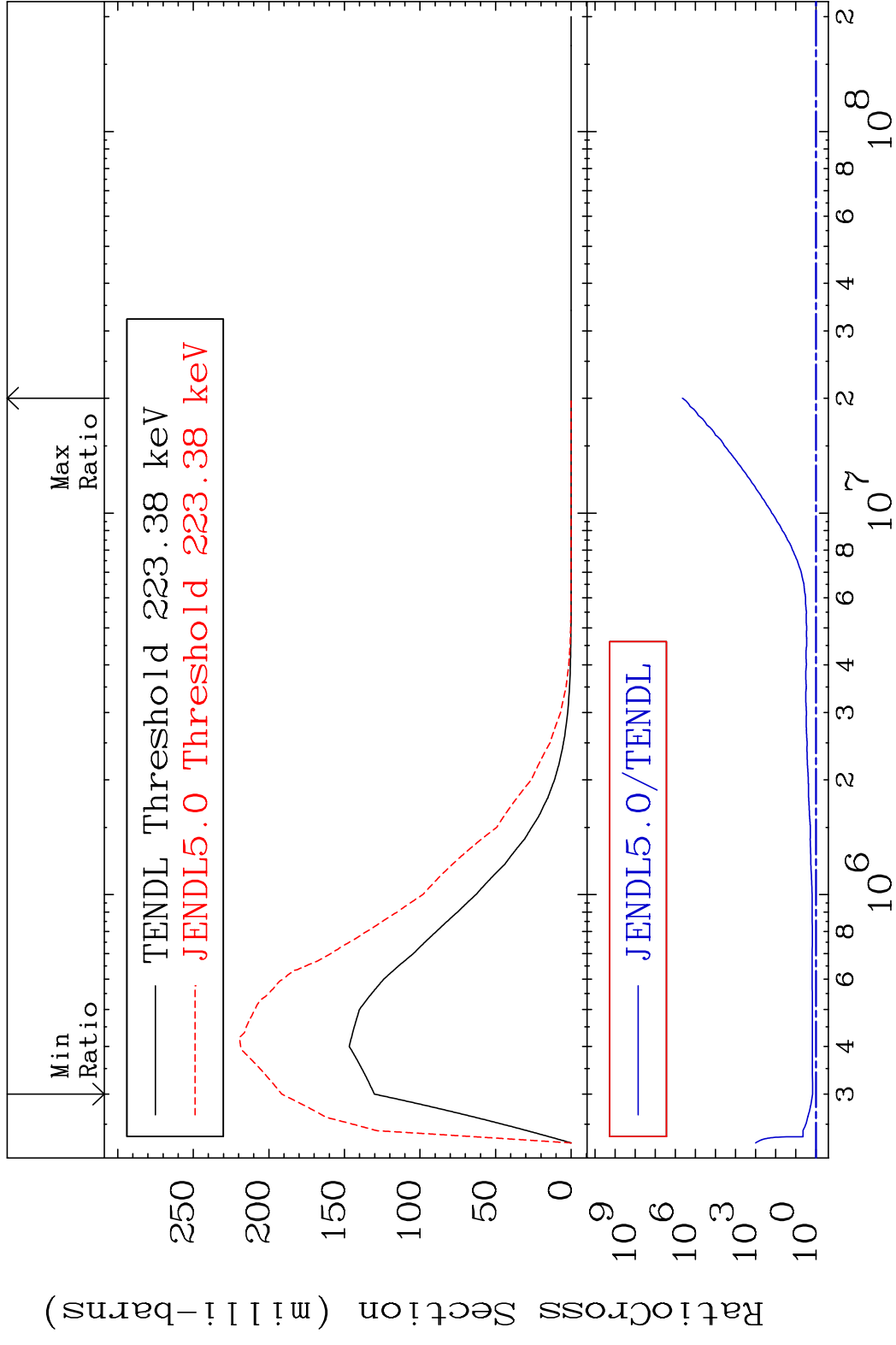
MAT 7840 MT= 53 (n,n') Level 78-Pt-195
 Cross Section 40.43 To 9999. %



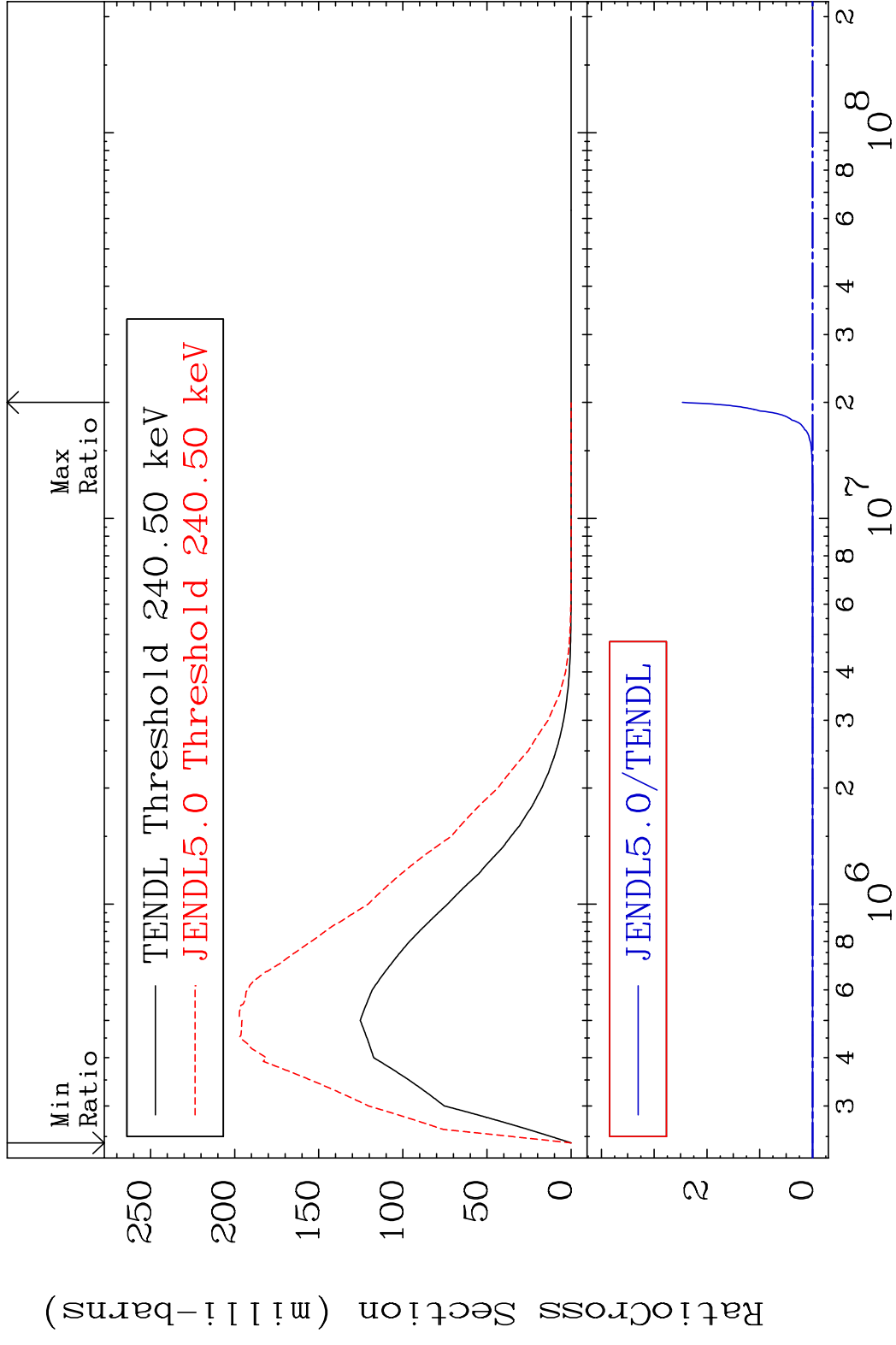
MAT 7840 MT= 54 (n,n') Level 78-Pt-195
 Cross Section -98.75 To 508.6 %



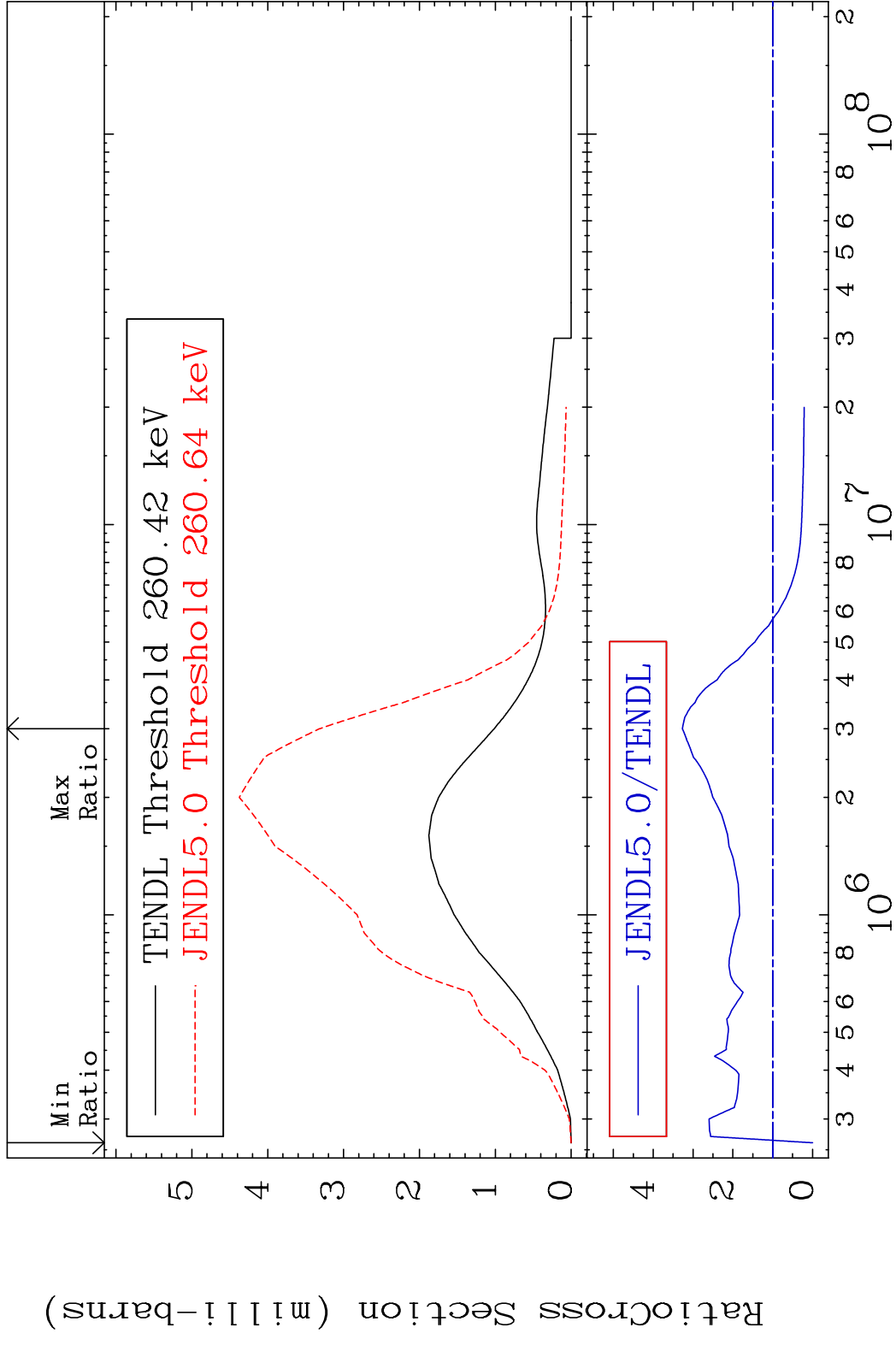
MAT 7840 MT= 55 (n,n') Level 78-Pt-195
 Cross Section 47.04 To 9999. %



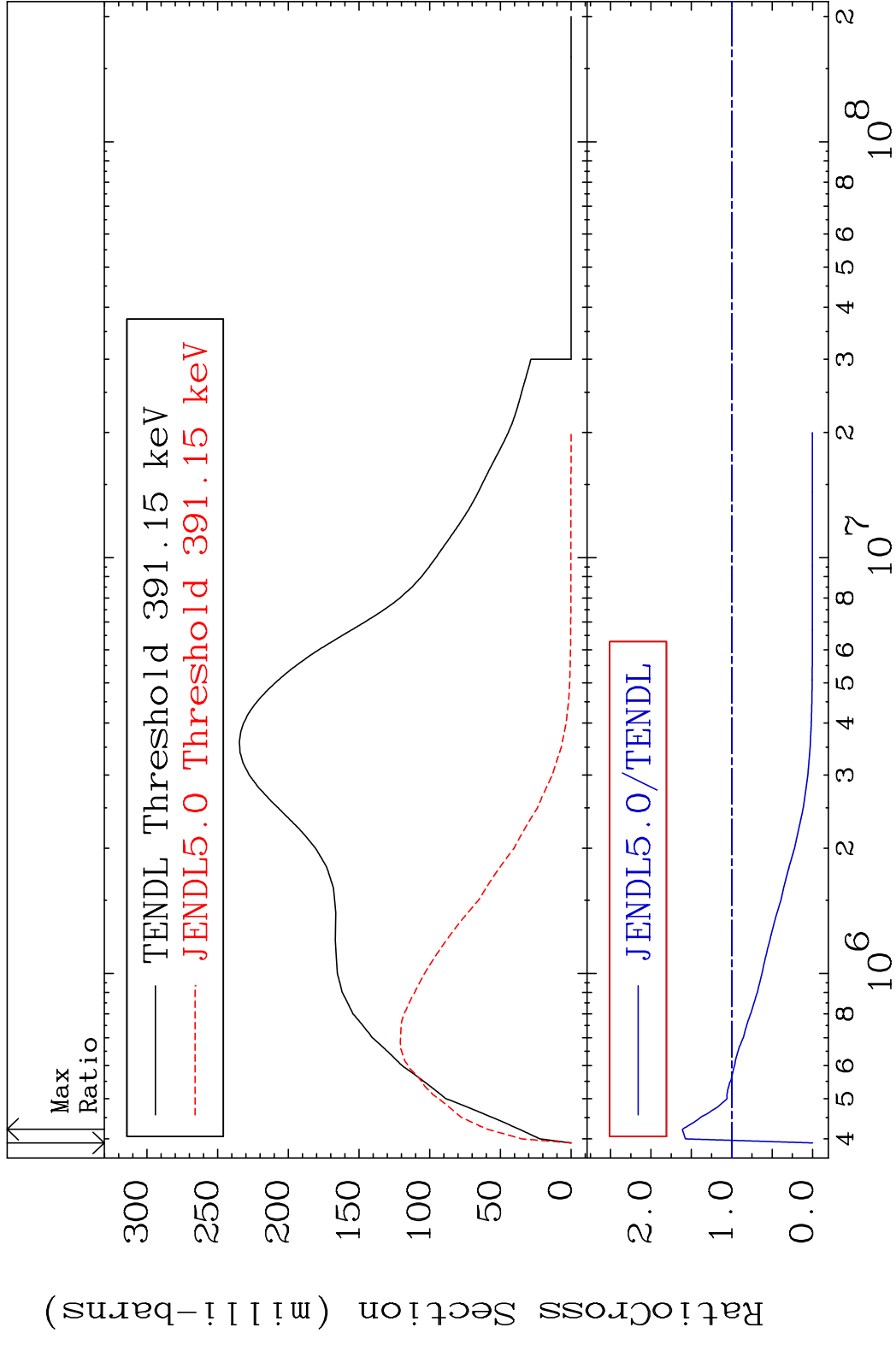
MAT 7840 MT= 56 (n,n') Level 78-Pt-195
 Cross Section -100.0 To 9999. %



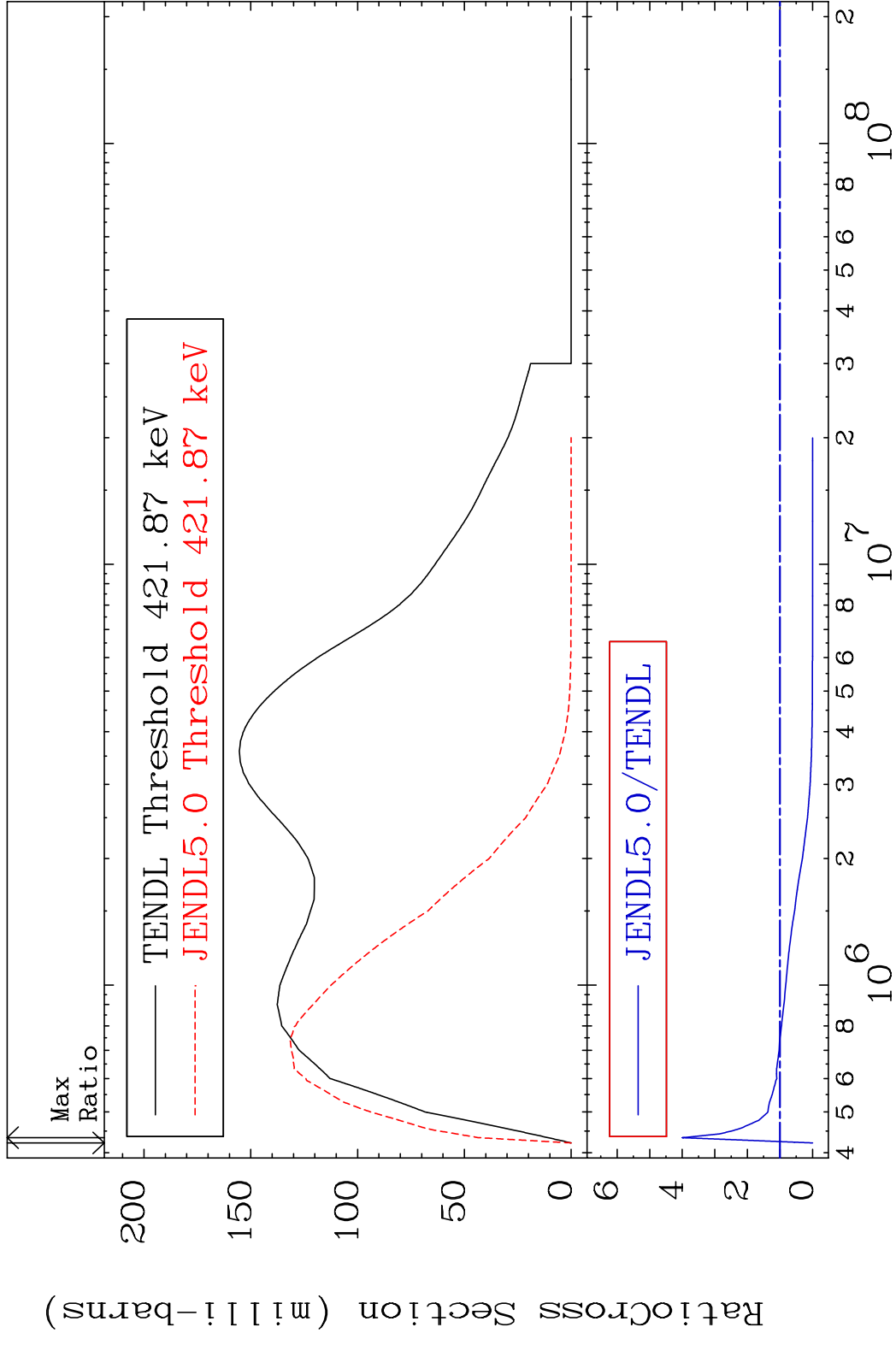
MAT 7840 MT= 57 (n,n') Level 78-Pt-195
 Cross Section -100.0 To 226.9 %



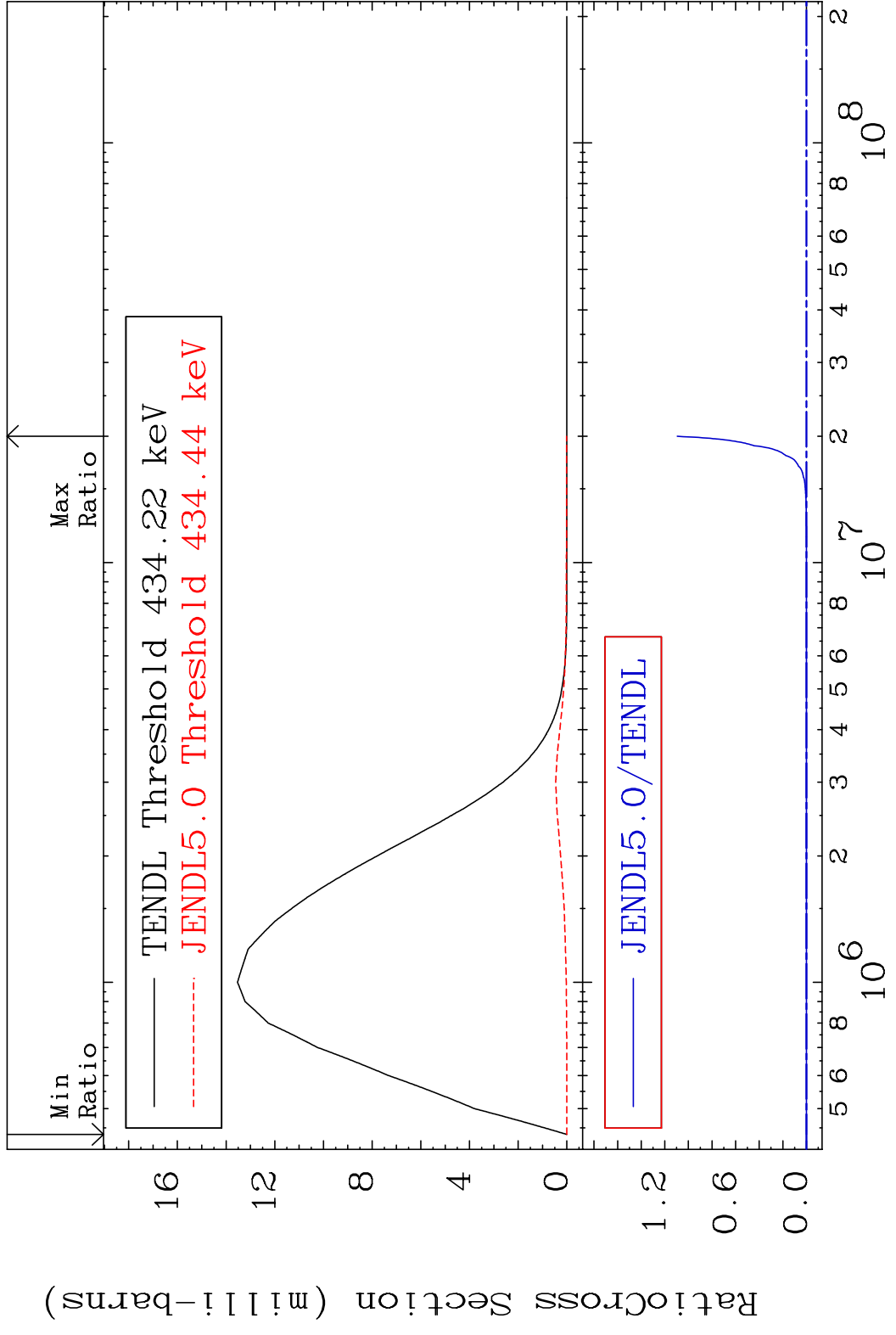
MAT 7840 MT= 58 (n, n') Level 78-Pt-195
 Cross Section -100.0 To 61.16 %



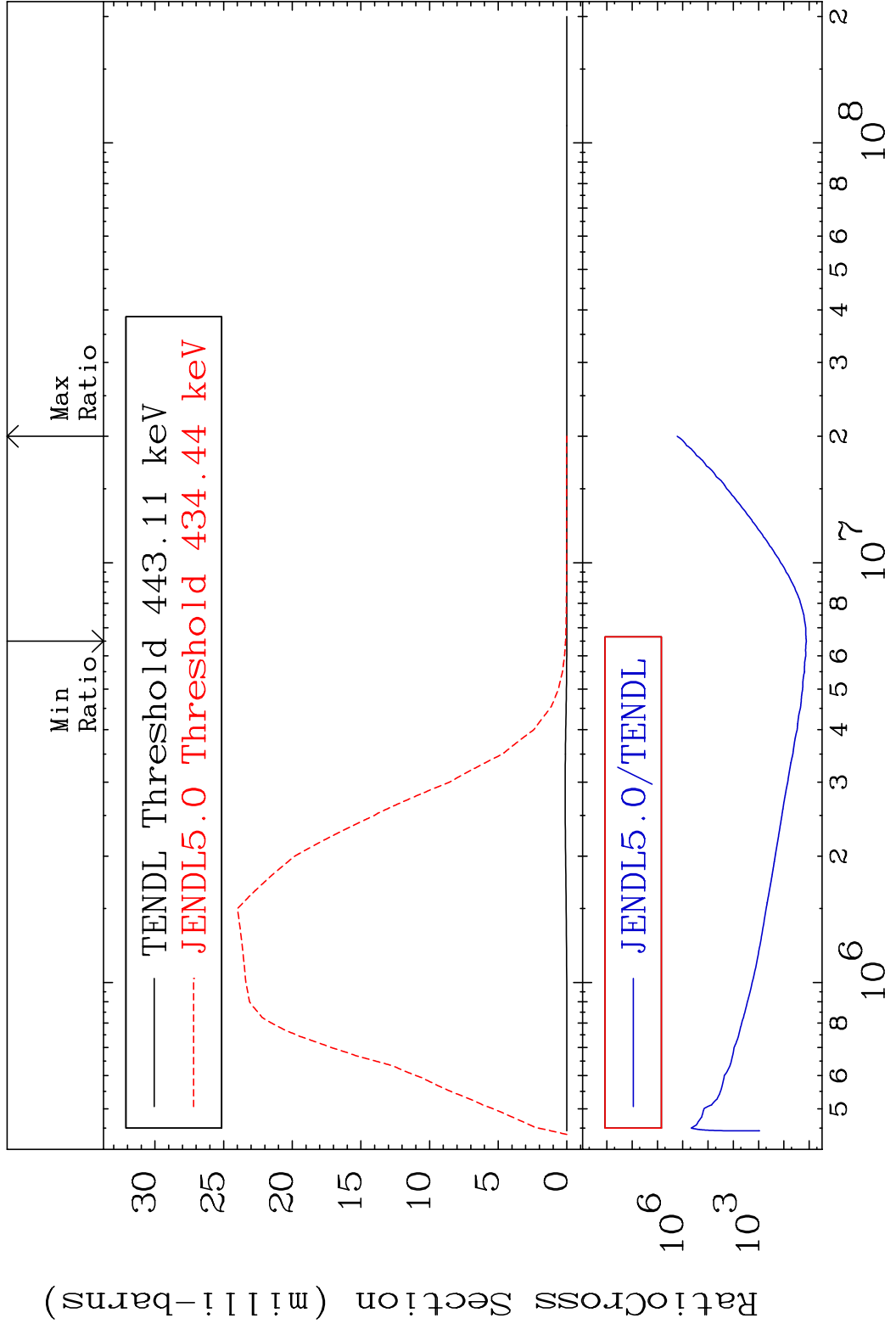
MAT 7840 MT= 59 (n, n') Level 78-Pt-195
 Cross Section -100.0 To 299.7 %



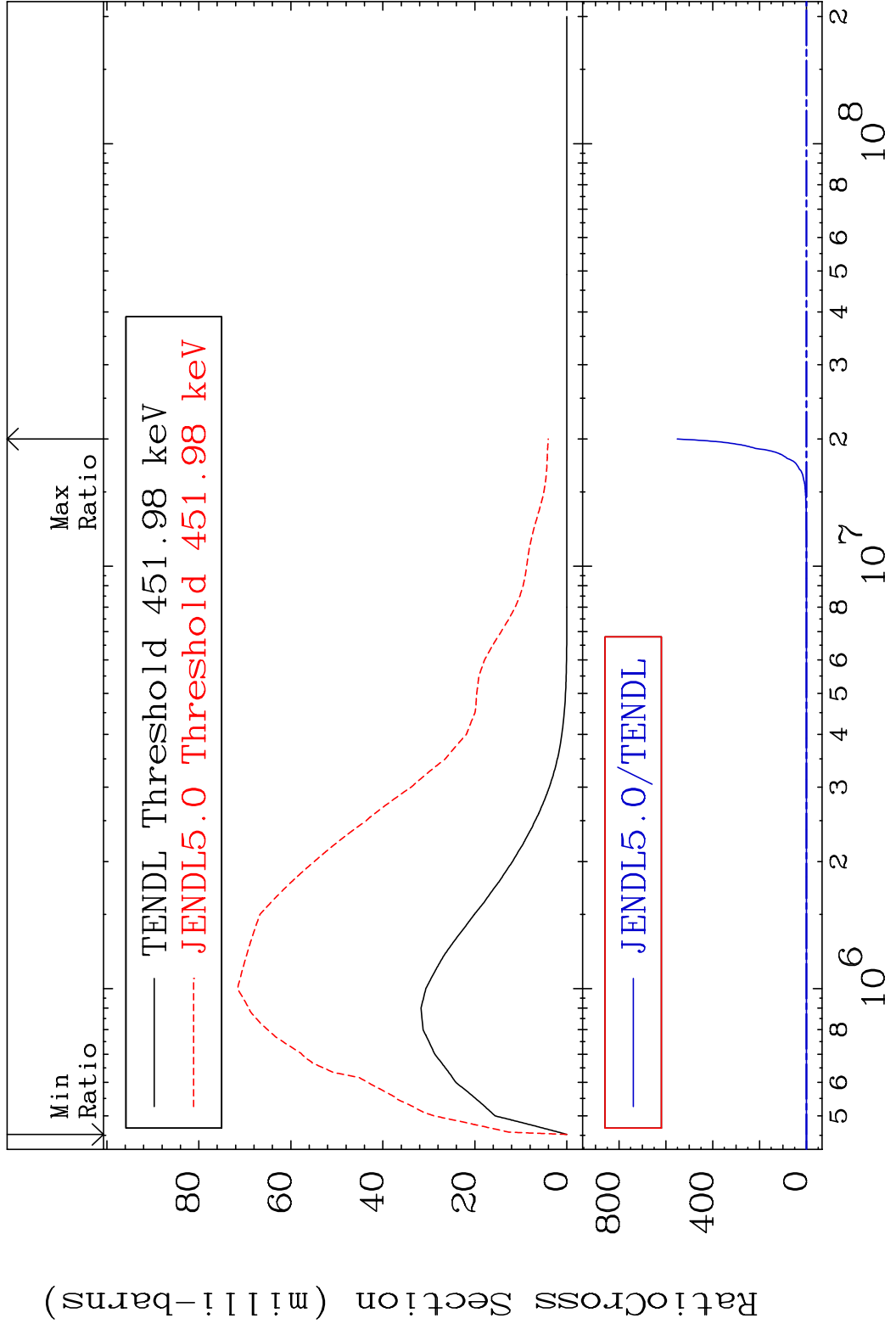
MAT 7840 MT= 60 (n, n') Level 78-Pt-195
 Cross Section -100.0 To 9999. %



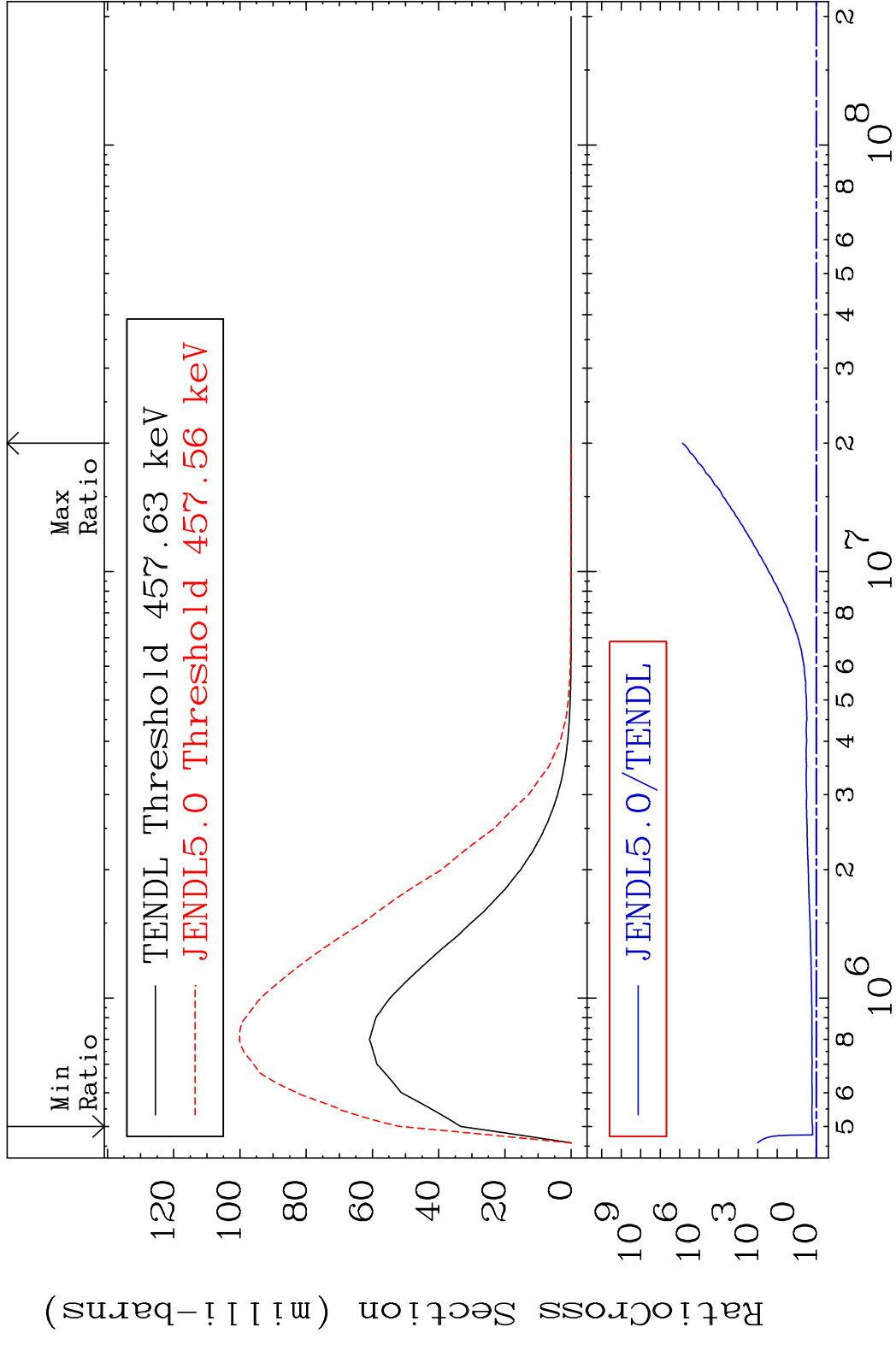
MAT 7840 MT= 61 (n, n') Level 78-Pt-195
 Cross Section 1187. To 9999. %



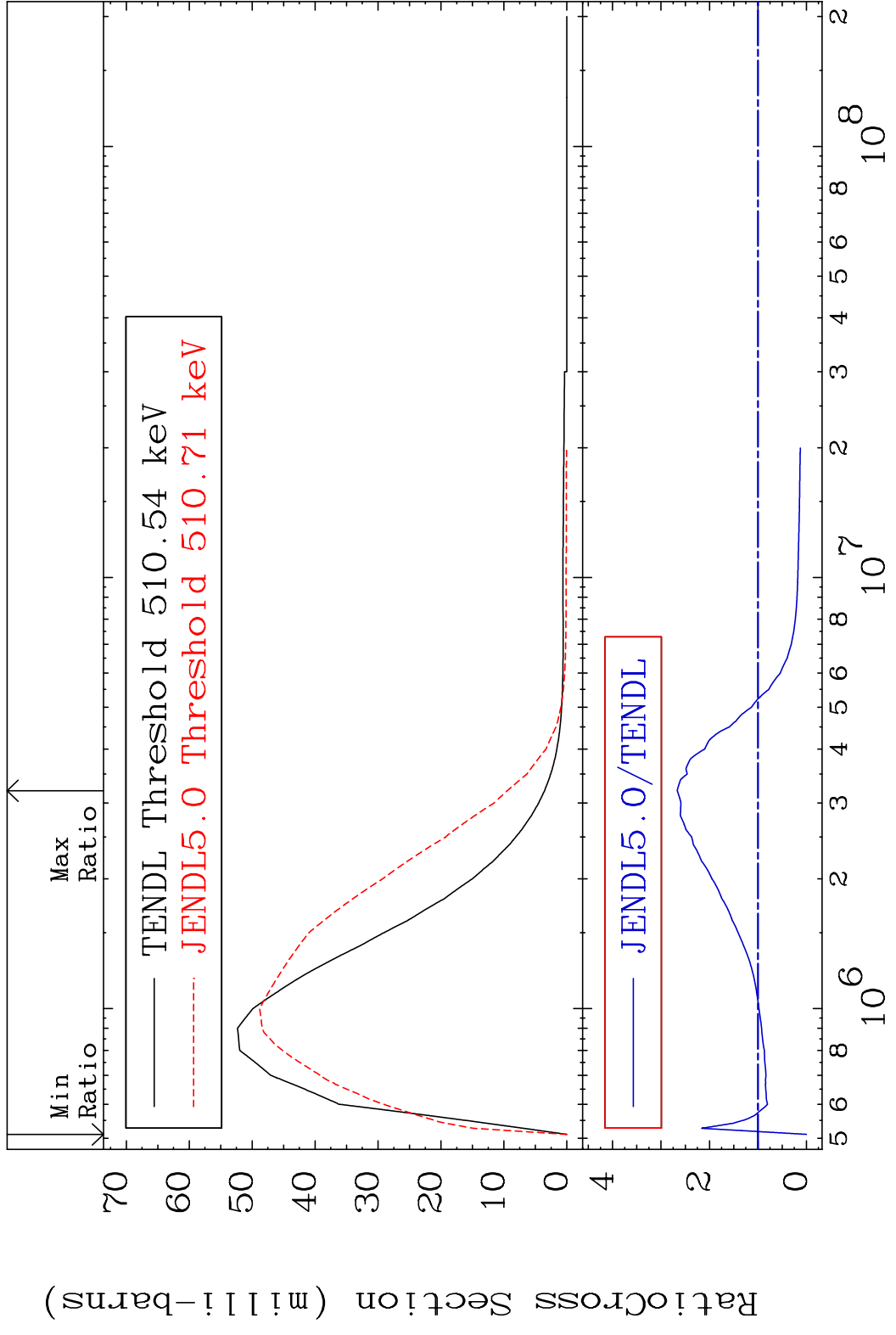
MAT 7840 MT= 62 (n, n') Level 78-Pt-195
 Cross Section -100.0 To 9999. %



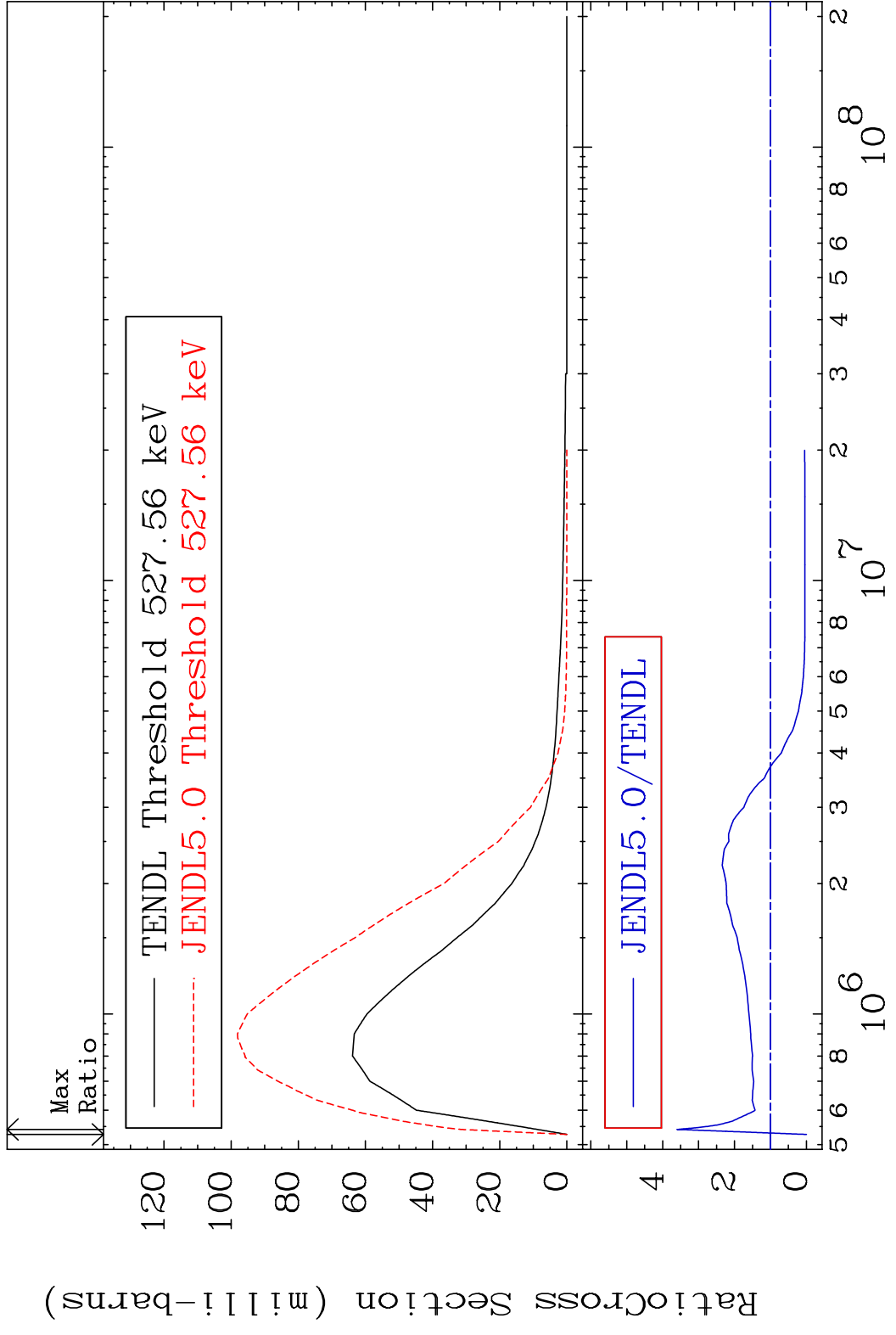
MAT 7840 MT= 63 (n, n') Level 78-Pt-195
 Cross Section 54.84 To 9999. %



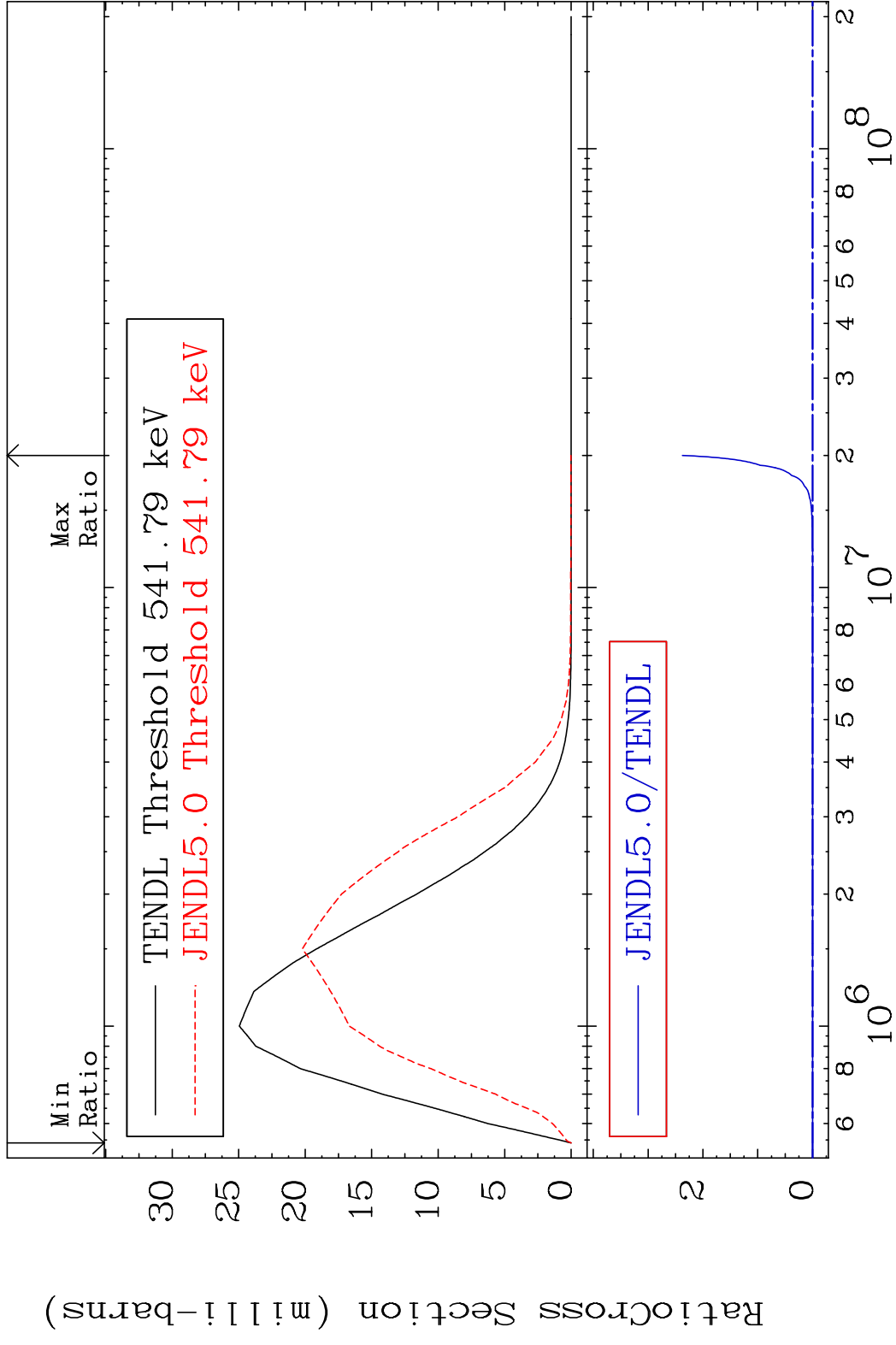
MAT 7840 MT= 64 (n, n') Level 78-Pt-195
 Cross Section -100.0 To 166.7 %



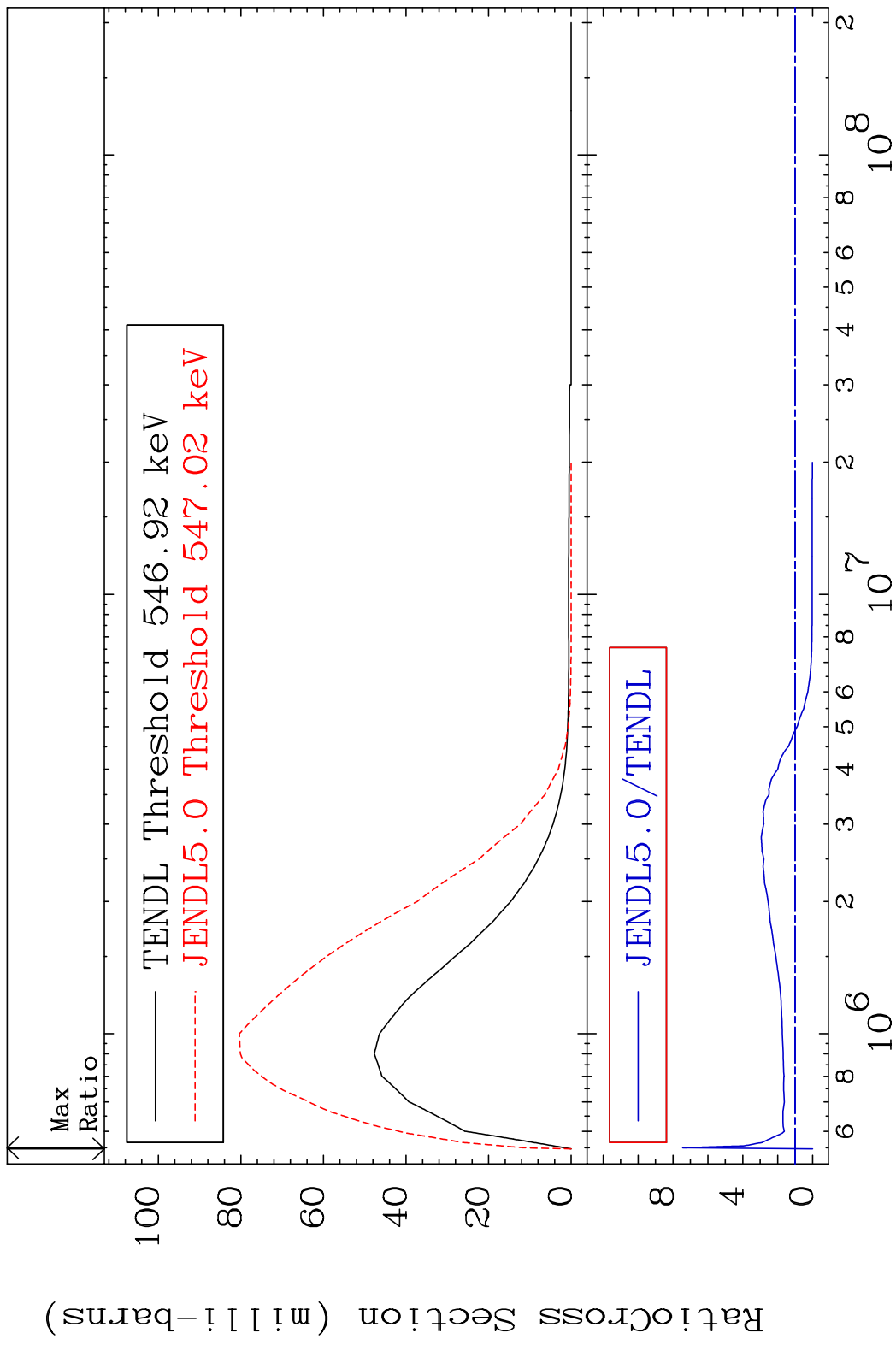
MAT 7840 MT= 65 (n,n') Level 78-Pt-195
 Cross Section -100.0 To 259.6 %



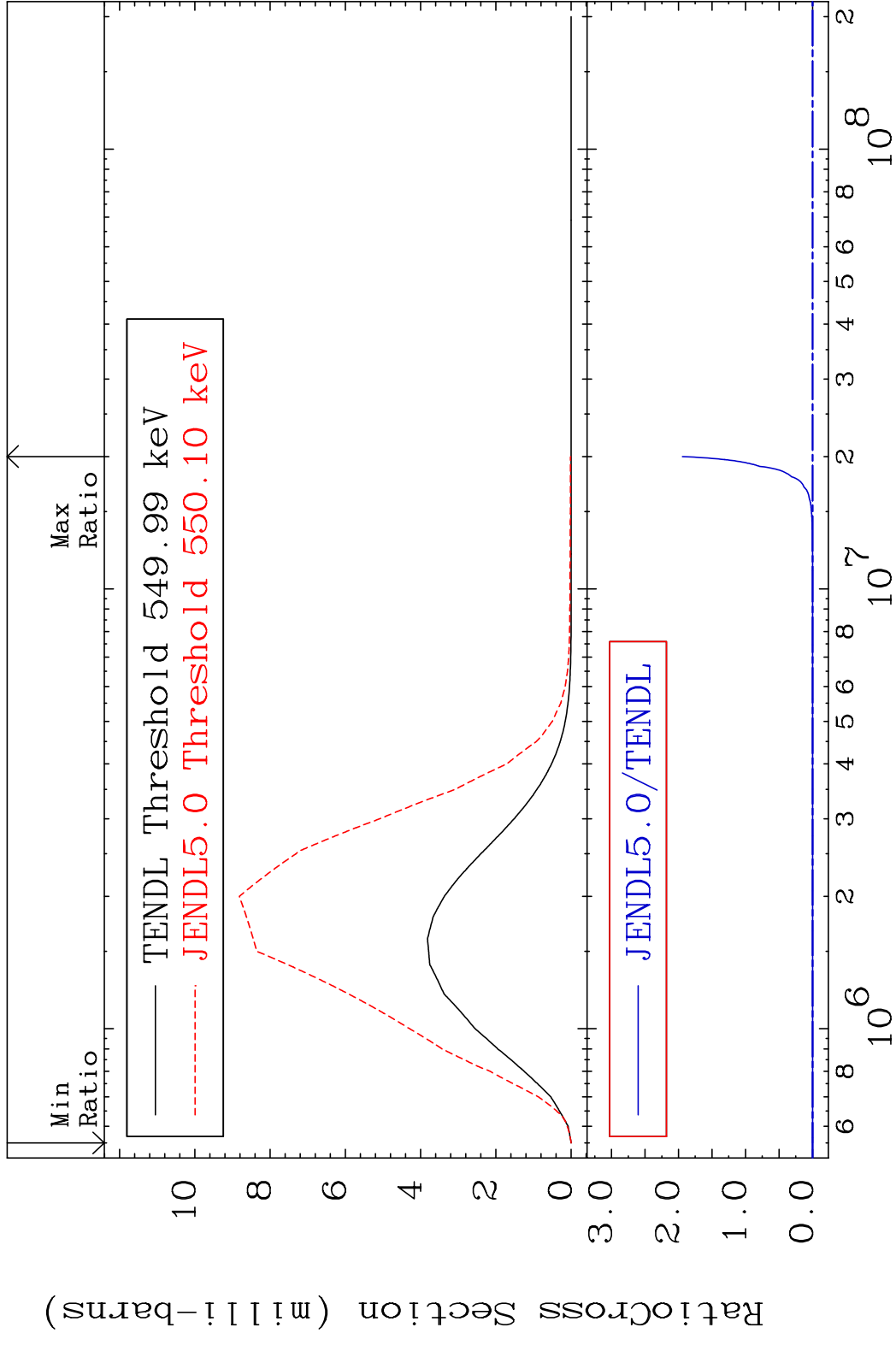
MAT 7840 MT= 66 (n, n') Level 78-Pt-195
 Cross Section -100.0 To 9999. %



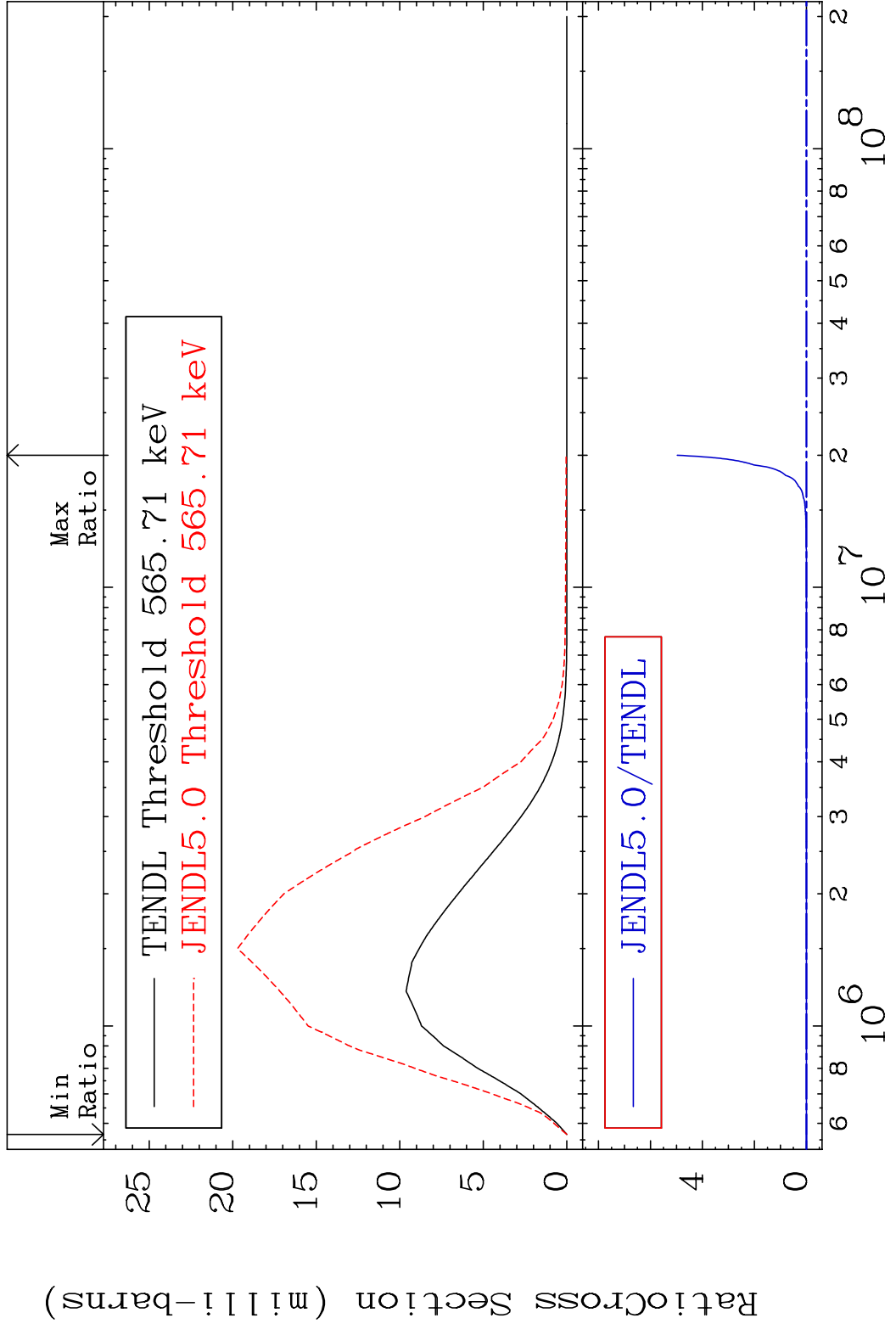
MAT 7840 MT= 67 (n, n') Level 78-Pt-195
 Cross Section -100.0 To 646.3 %



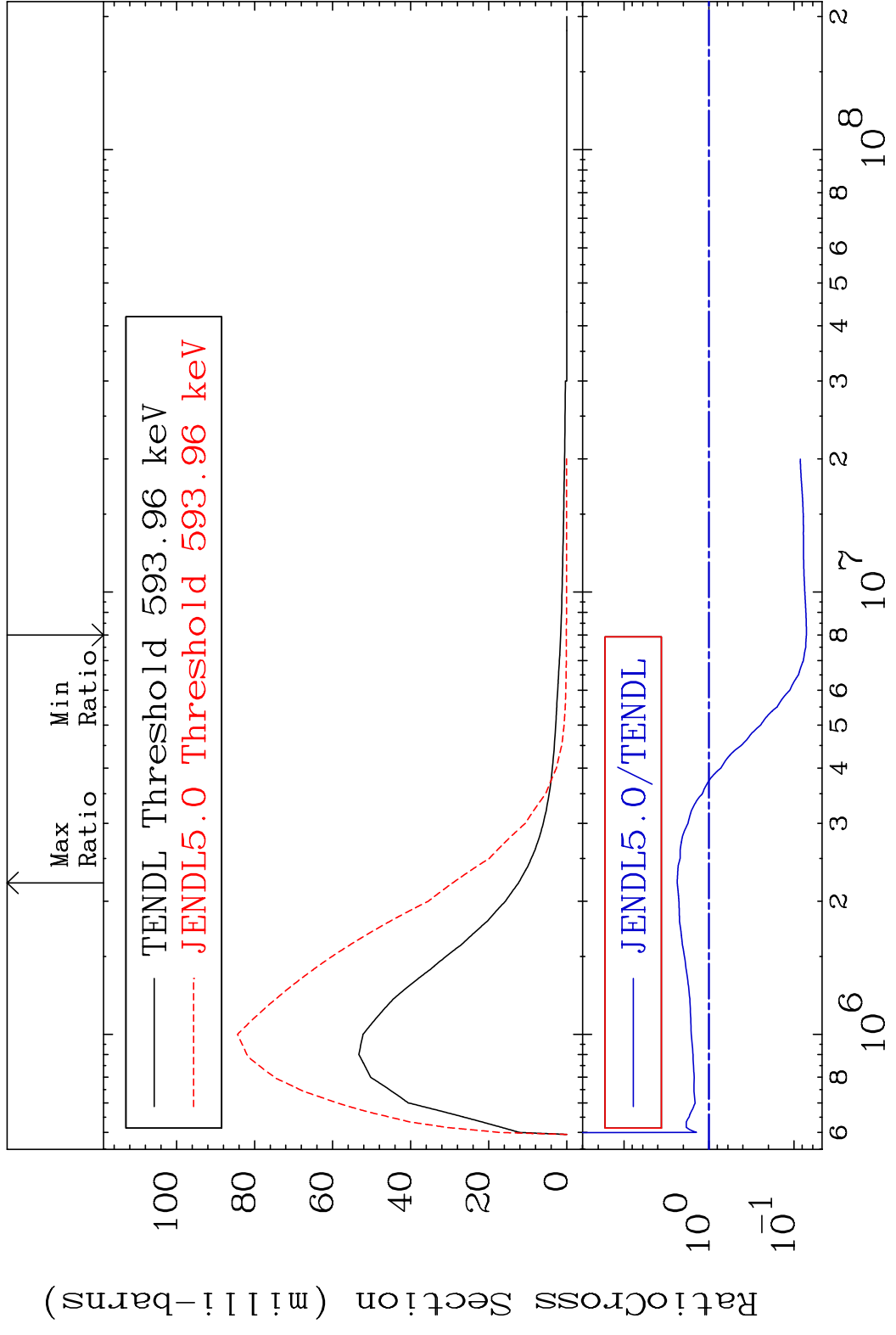
MAT 7840 MT= 68 (n, n') Level 78-Pt-195
 Cross Section -100.0 To 9999. %



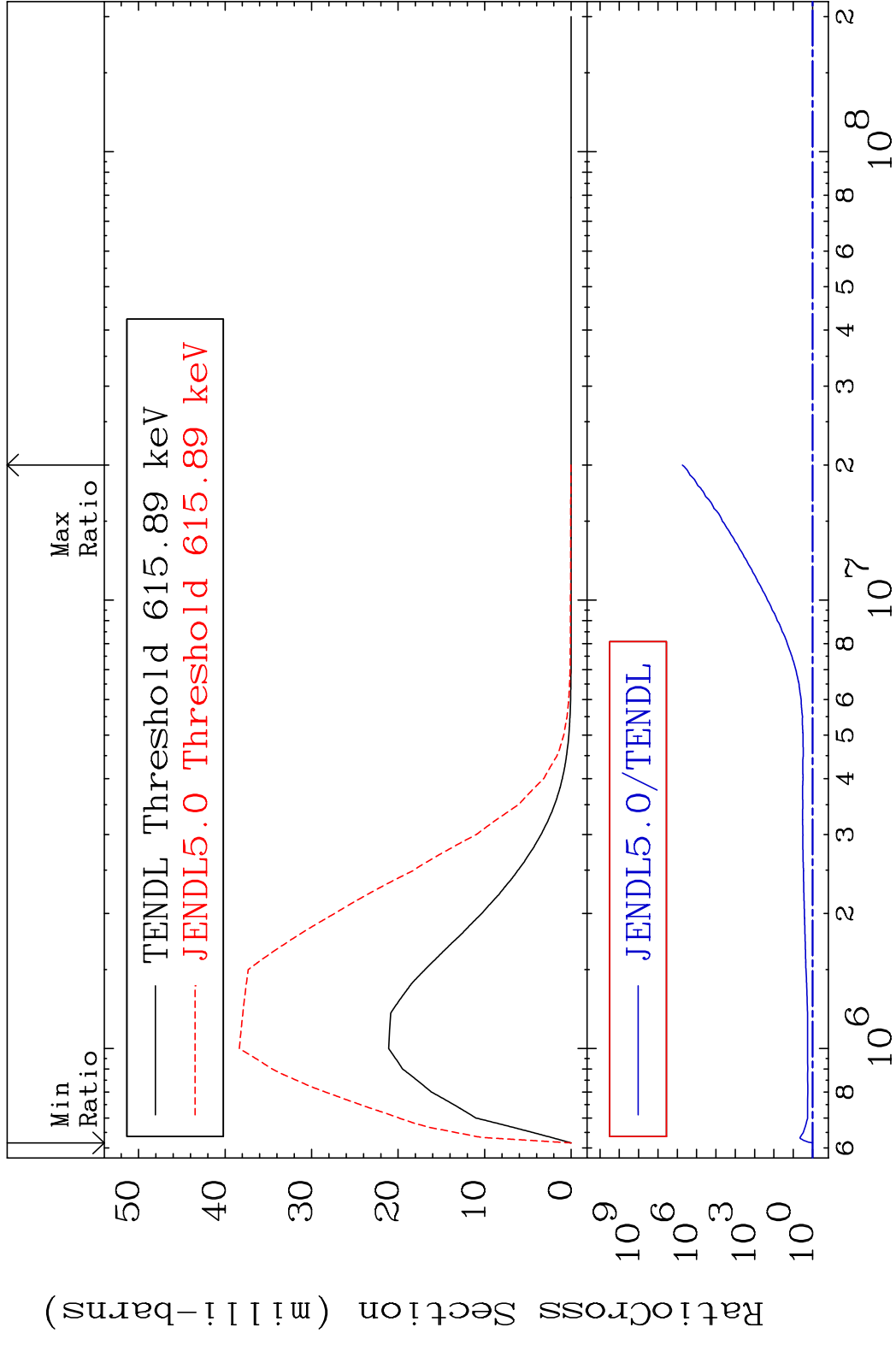
MAT 7840 MT= 69 (n, n') Level 78-Pt-195
 Cross Section -100.0 To 9999. %



MAT 7840 MT= 70 (n, n') Level 78-Pt-195
 Cross Section -92.86 To 136.4 %

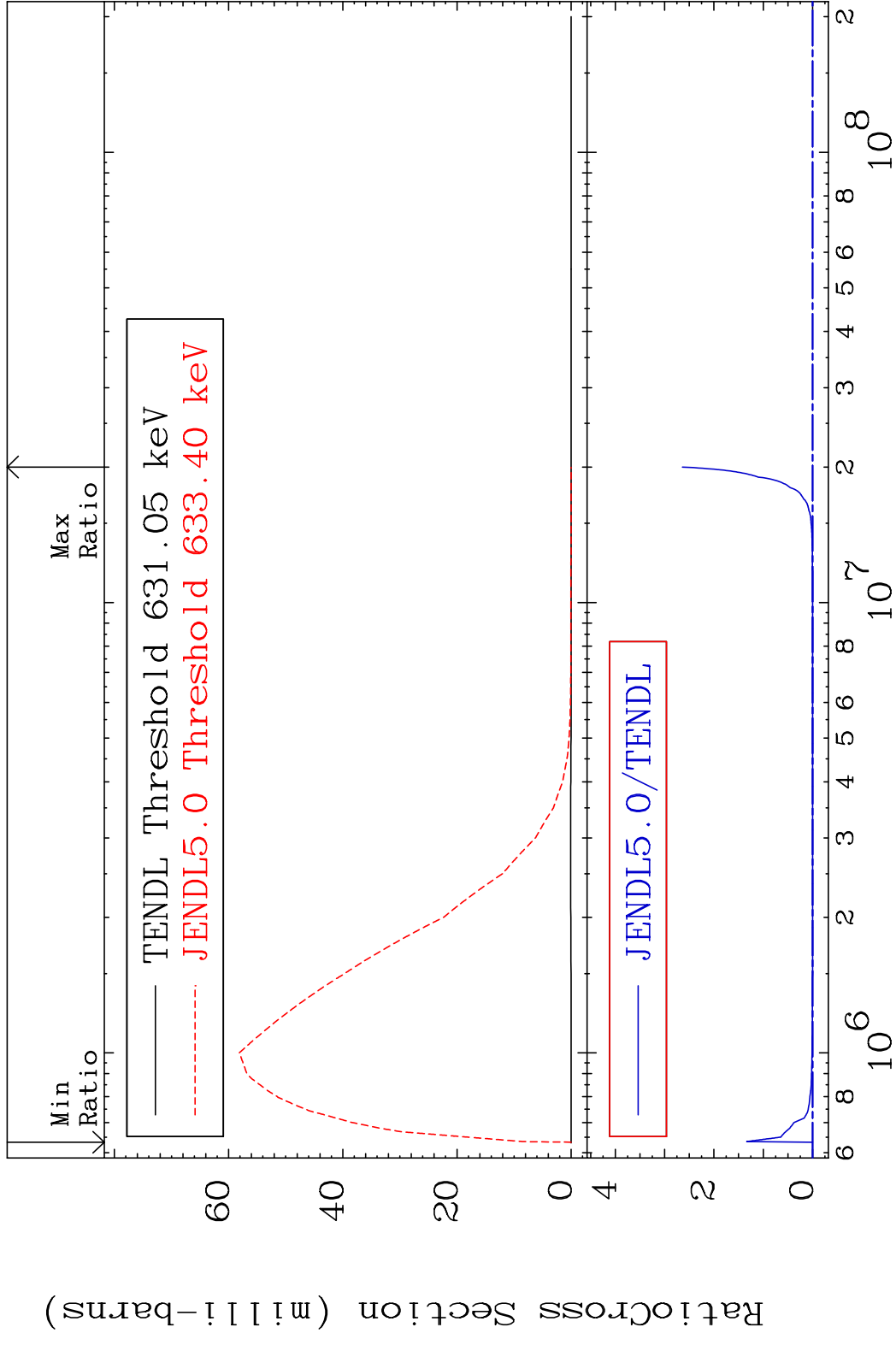


MAT 7840 MT= 71 (n, n') Level 78-Pt-195
 Cross Section 0.000 To 9999. %

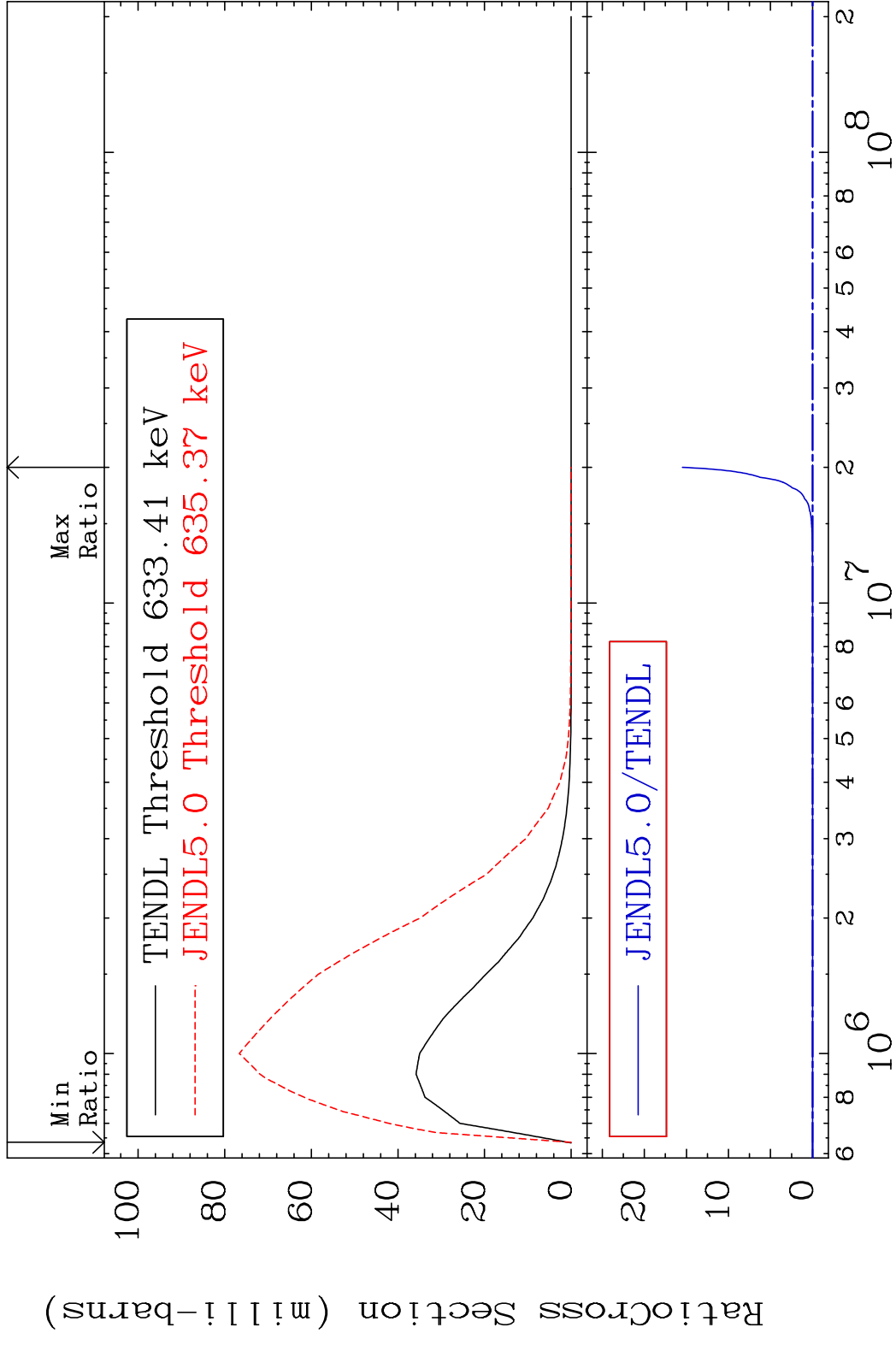


30 Incident Energy (eV) 78-Pt-195

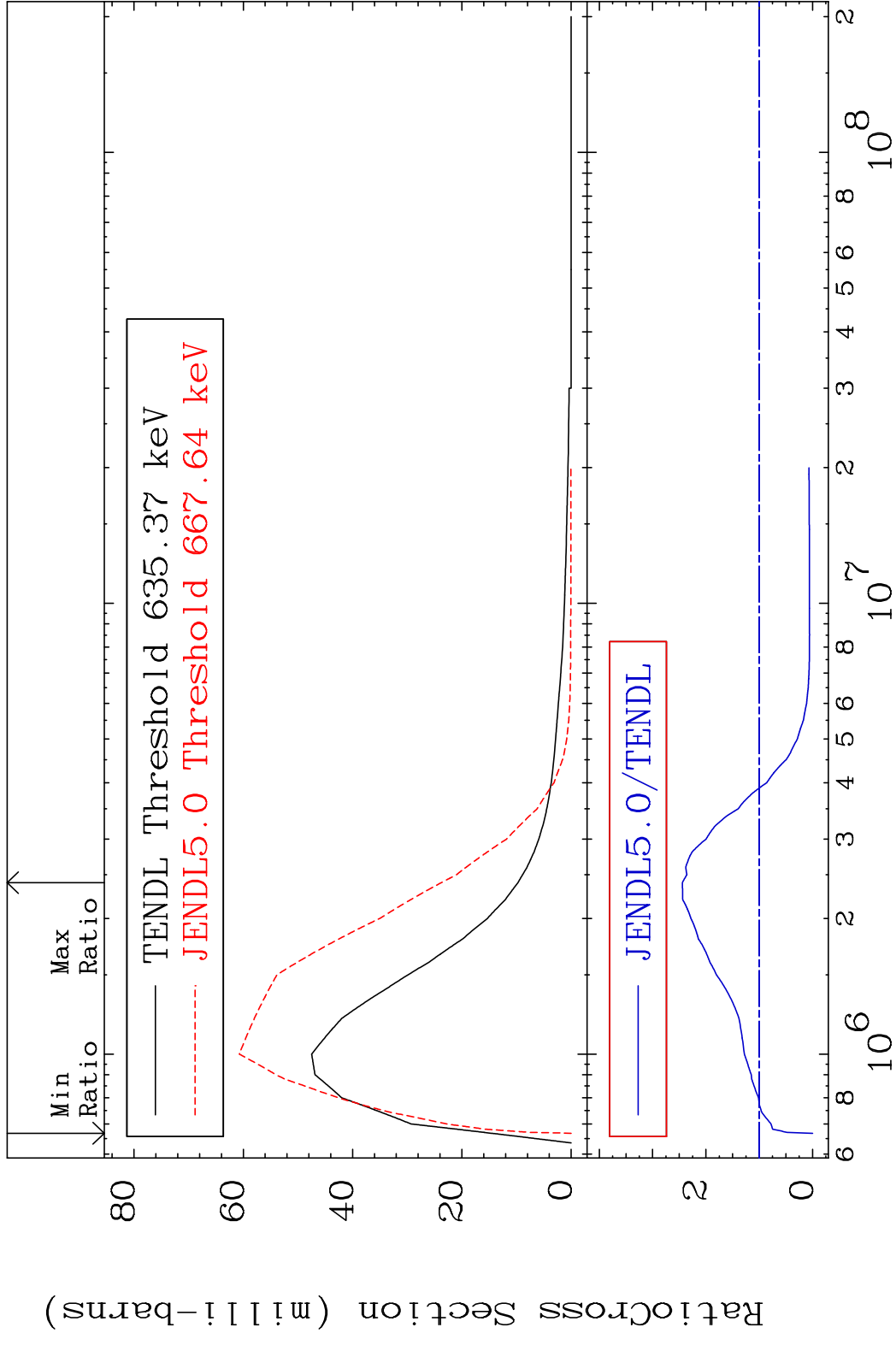
MAT 7840 MT= 72 (n, n') Level 78-Pt-195
 Cross Section -100.0 To 9999. %



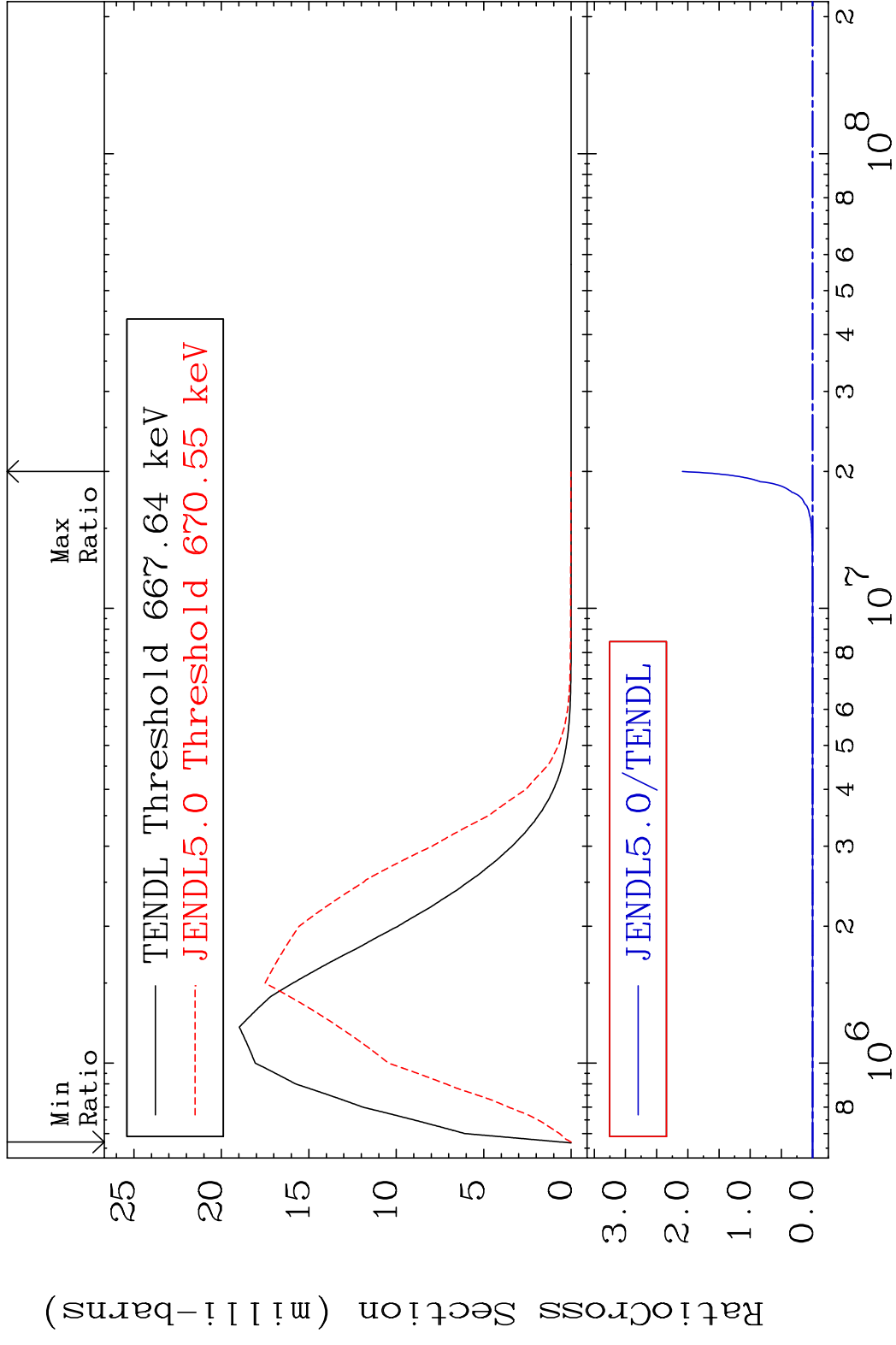
MAT 7840 MT= 73 (n, n') Level 78-Pt-195
 Cross Section -100.0 To 9999. %



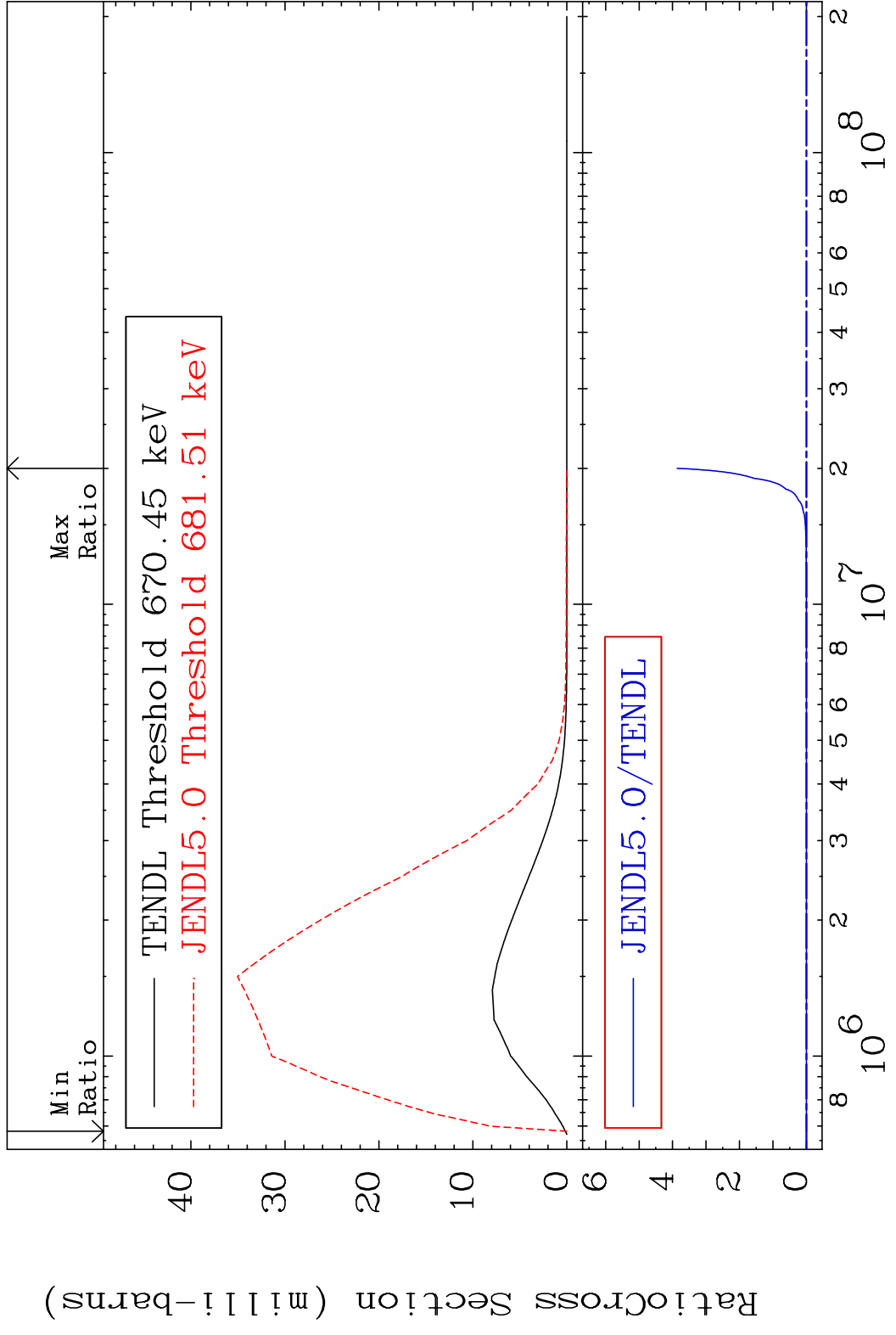
MAT 7840 MT= 74 (n,n') Level 78-Pt-195
 Cross Section -100.0 To 144.2 %



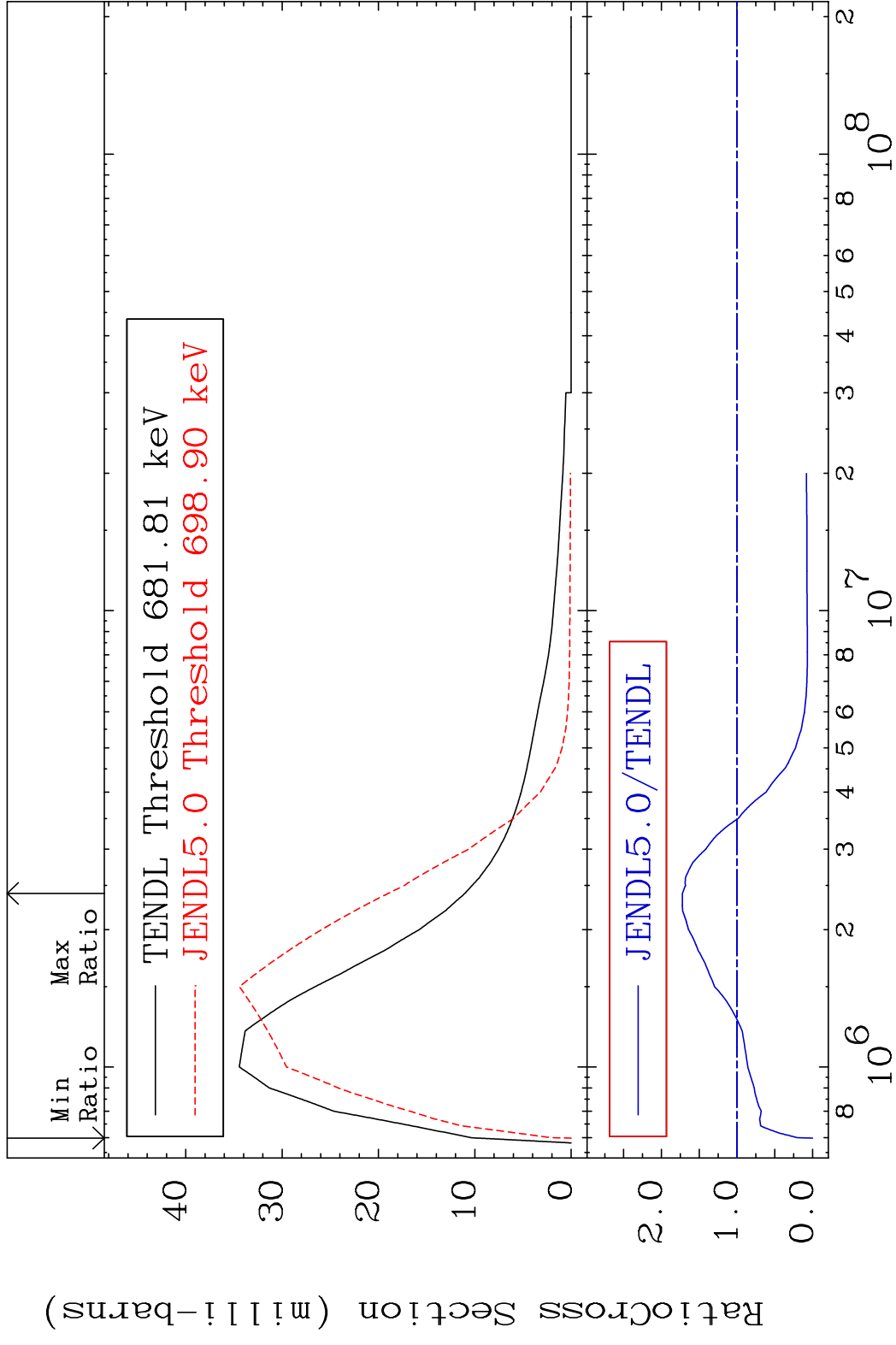
MAT 7840 MT= 75 (n, n') Level 78-Pt-195
 Cross Section -100.0 To 9999. %



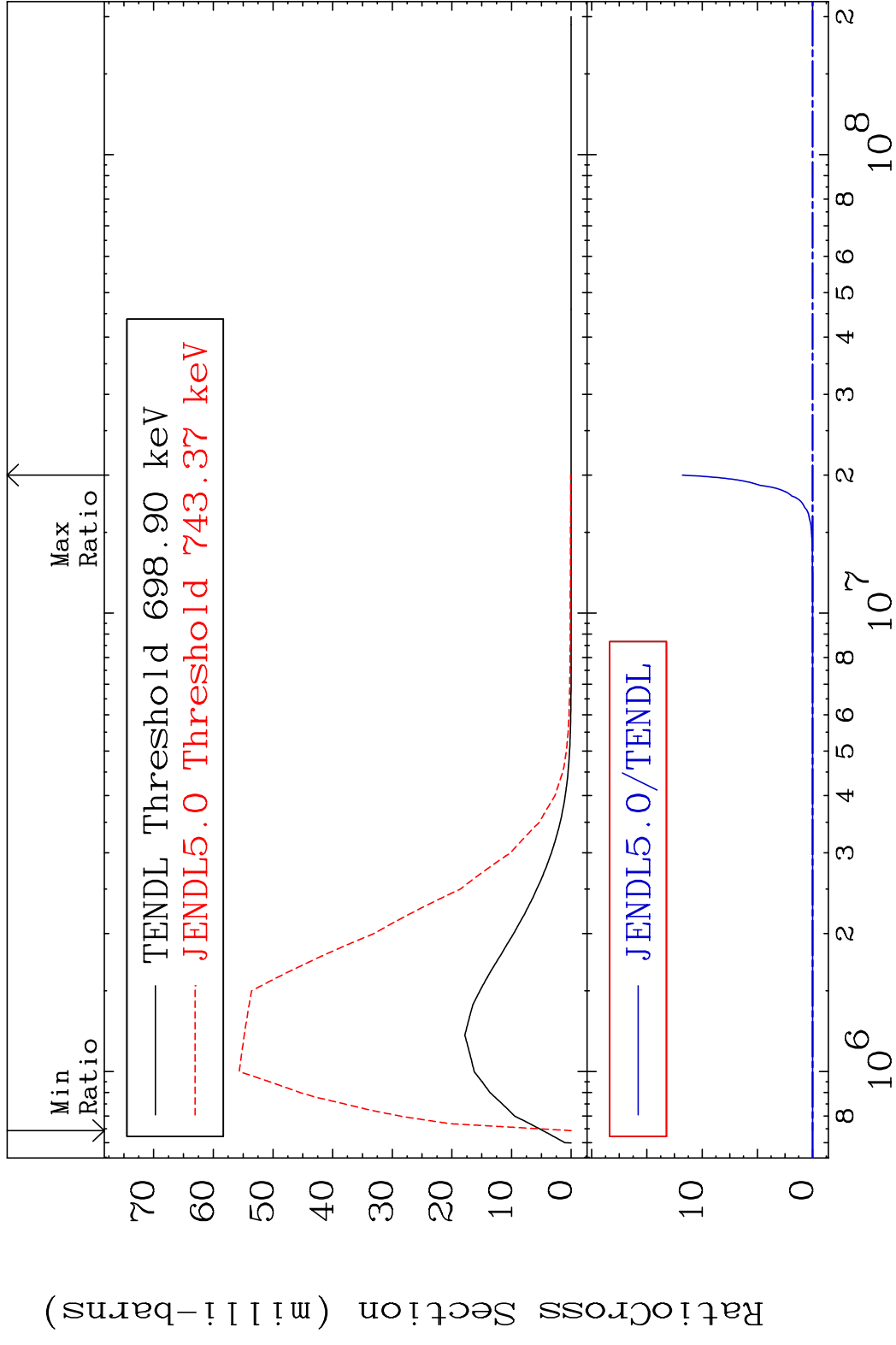
MAT 7840 MT= 76 (n, n') Level 78-Pt-195
 Cross Section -100.0 To 9999. %



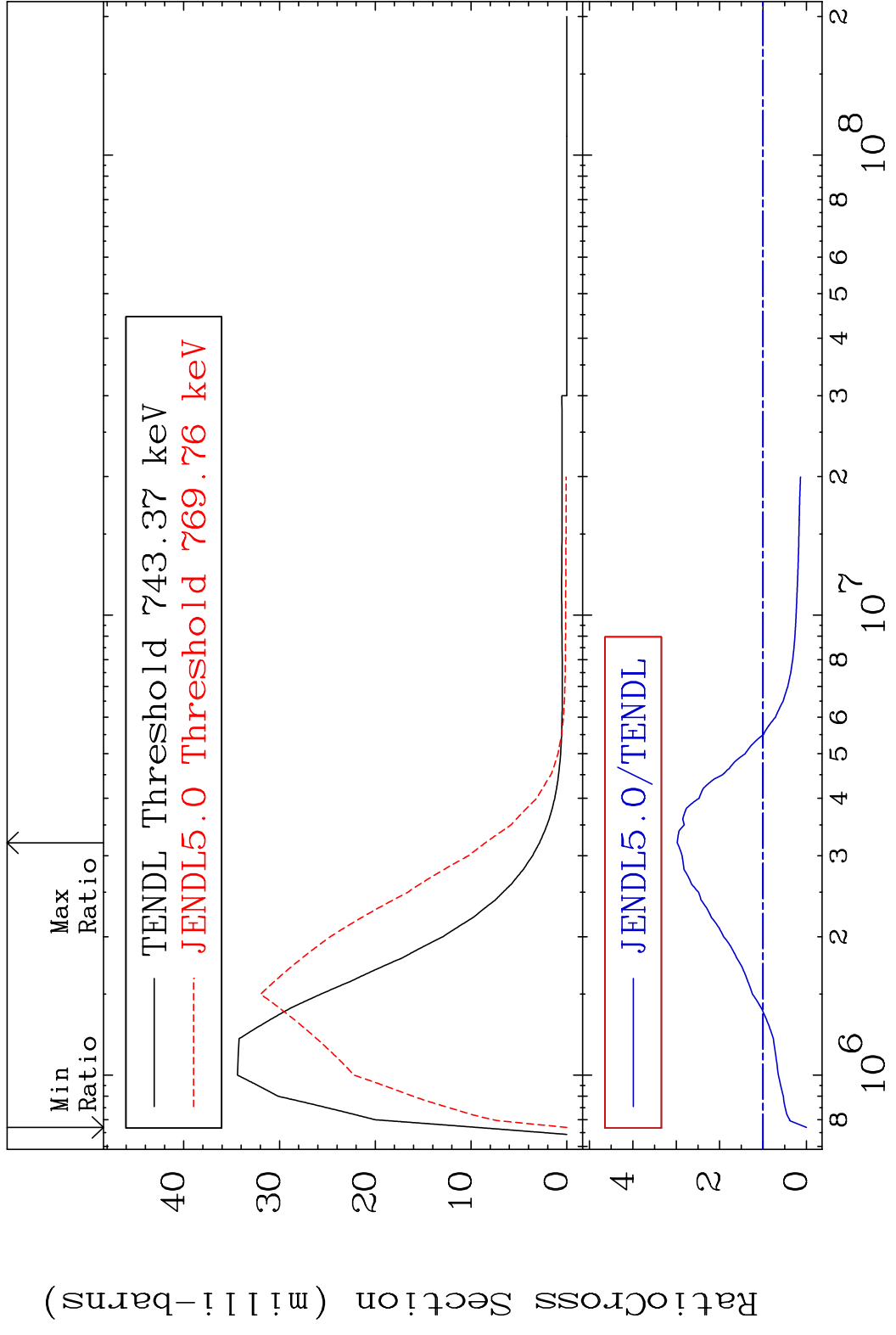
MAT 7840 MT= 77 (n,n') Level 78-Pt-195
 Cross Section -100.0 To 72.30 %



MAT 7840 MT= 78 (n, n') Level 78-Pt-195
 Cross Section -100.0 To 9999. %



MAT 7840 MT= 79 (n, n') Level 78-Pt-195
 Cross Section -100.0 To 197.8 %

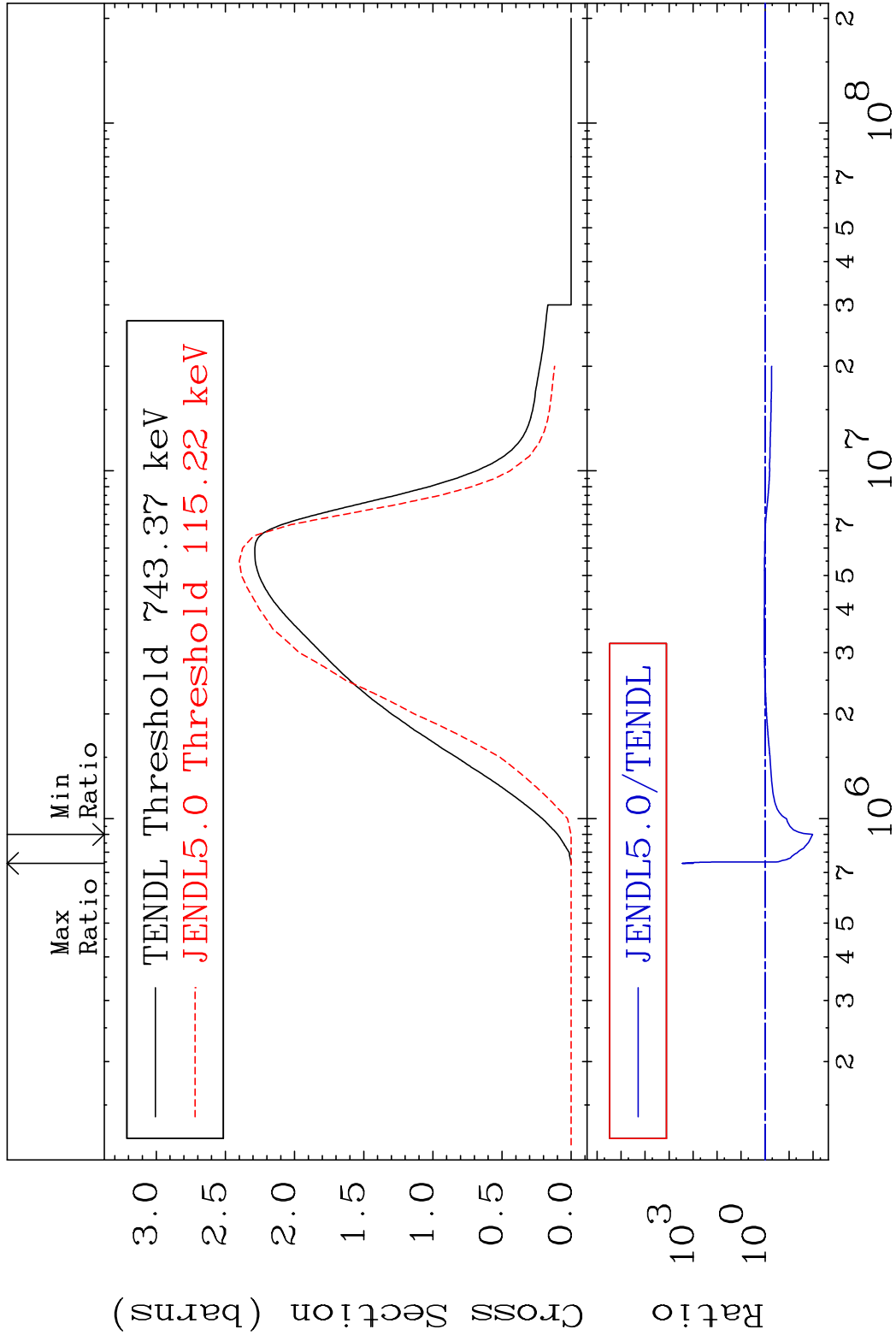


MAT 7840

(n,n') Continuum

78-Pt-195

Cross Section -98.95 To 9999. %

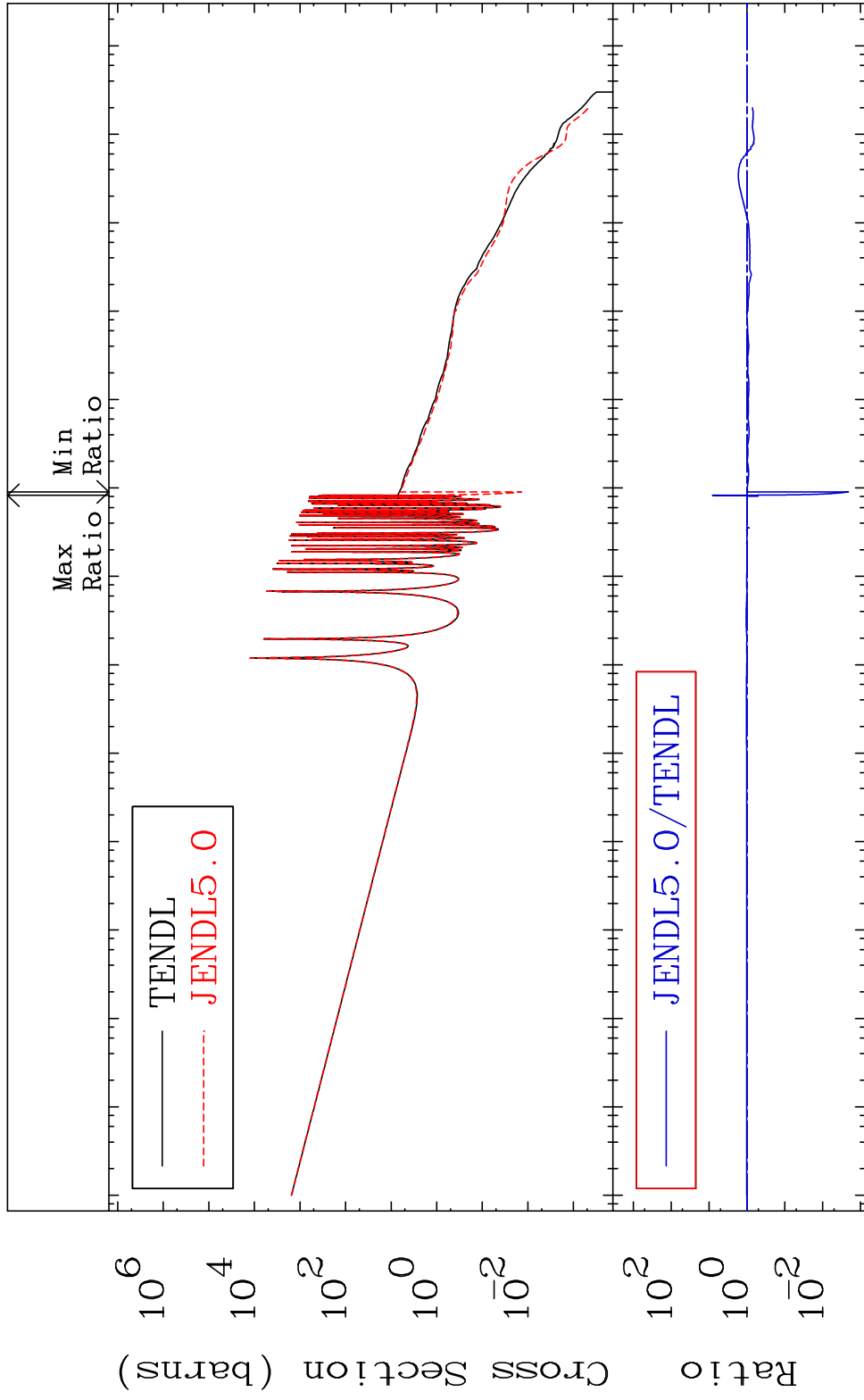


MAT 7840

(n, γ)

78-Pt-195

Cross Section -99.79 To 714.0 %



40

Incident Energy (eV)

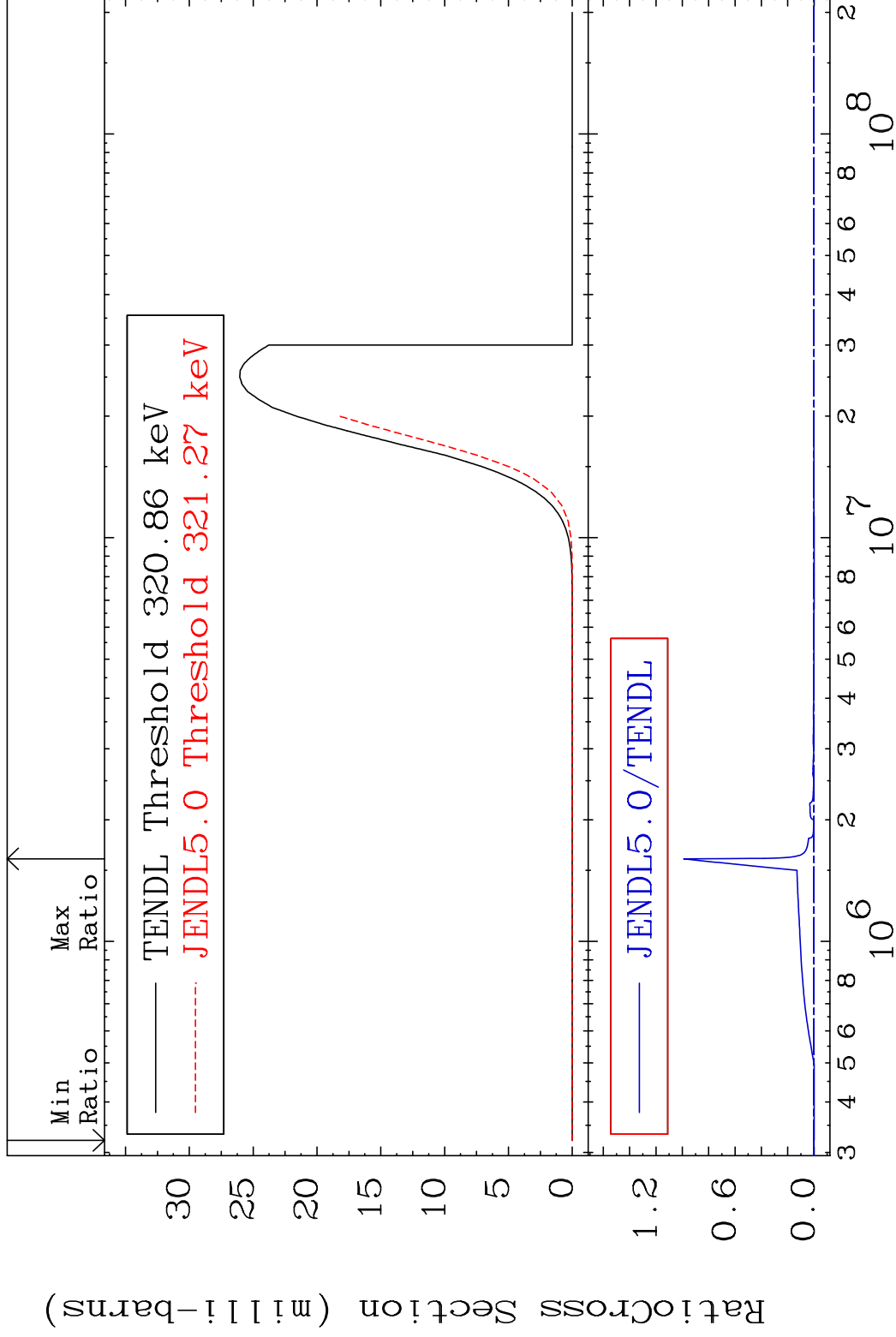
78-Pt-195

MAT 7840

(n,p)

78-Pt-195

Cross Section -100.0 To 9999. %

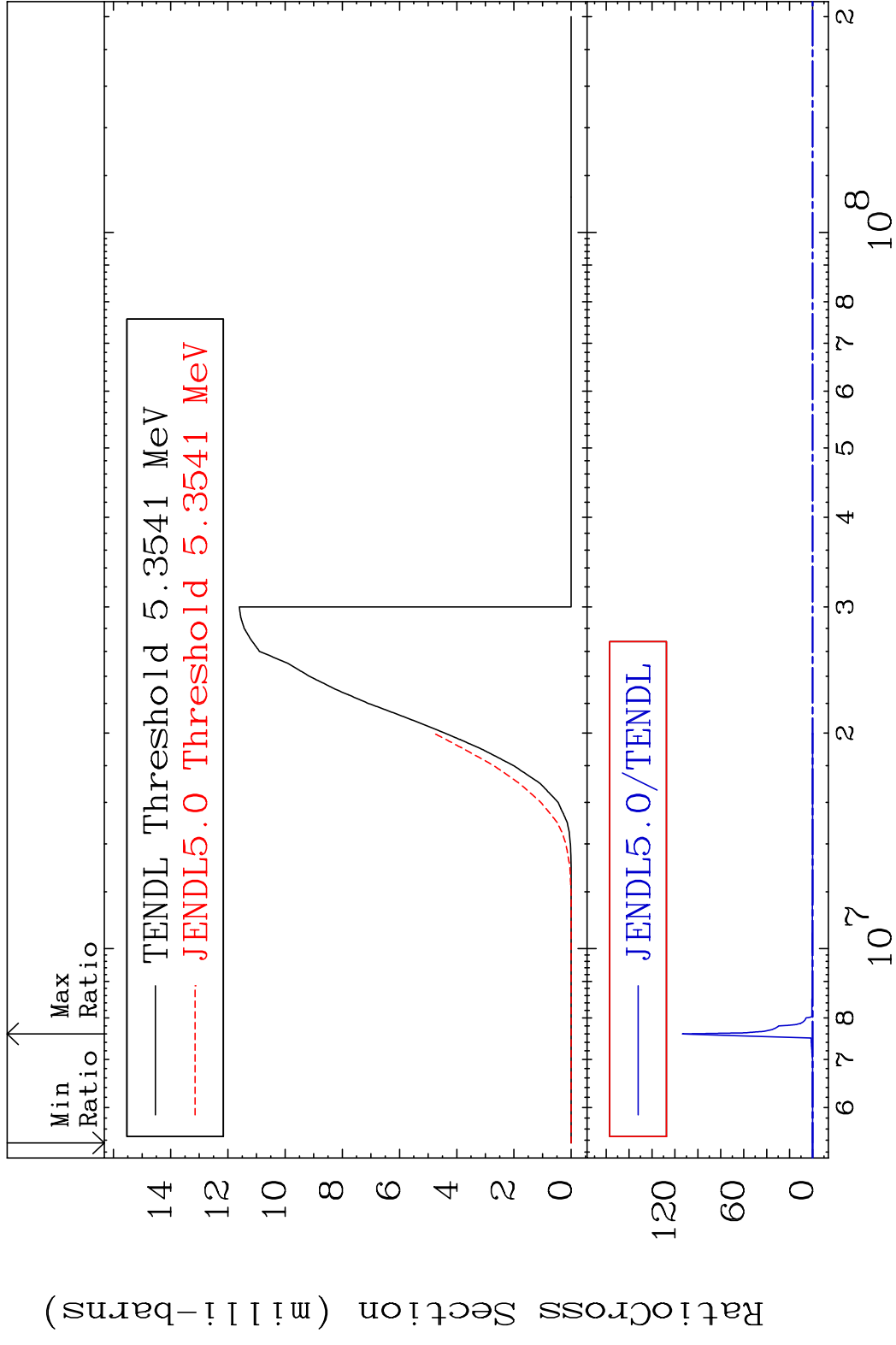


41

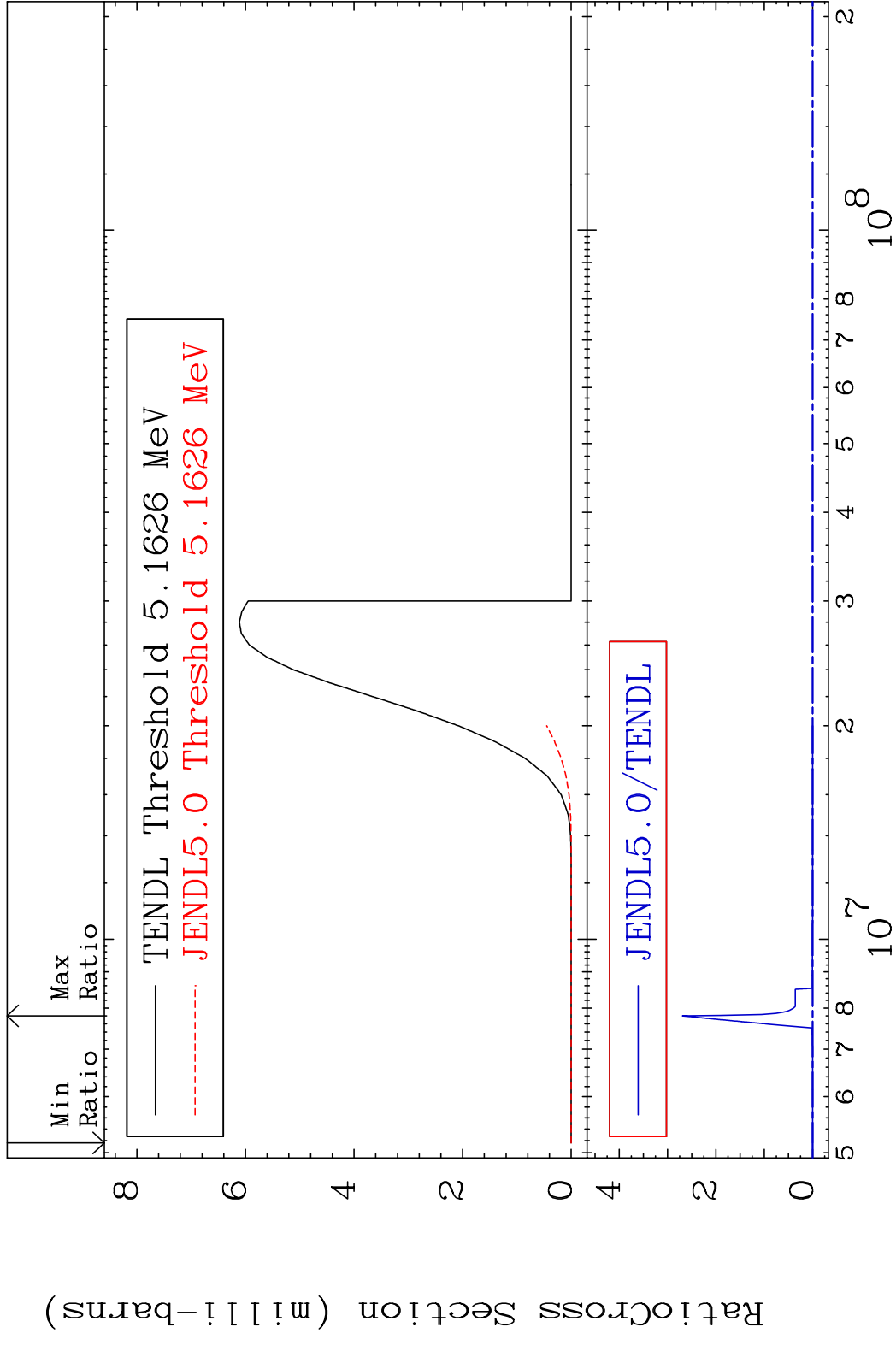
Incident Energy (eV)

78-Pt-195

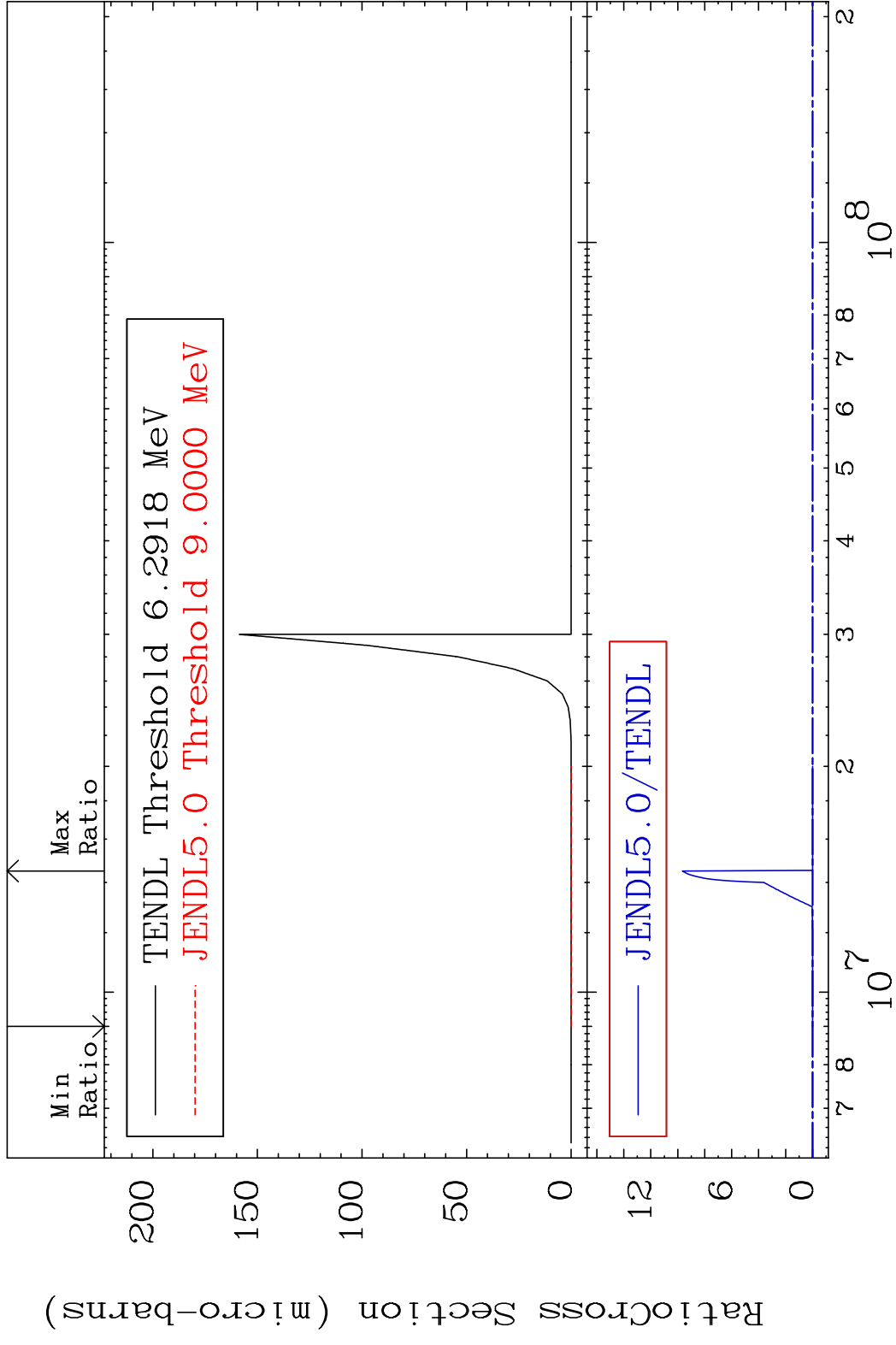
MAT 7840 (n,d) 78-Pt-195
 Cross Section -100.0 To 9999. %



MAT 7840 (n, t) 78-Pt-195
 Cross Section -100.0 To 9999. %



MAT 7840 (n, He-3) 78-Pt-195
 Cross Section -100.0 To 9999. %

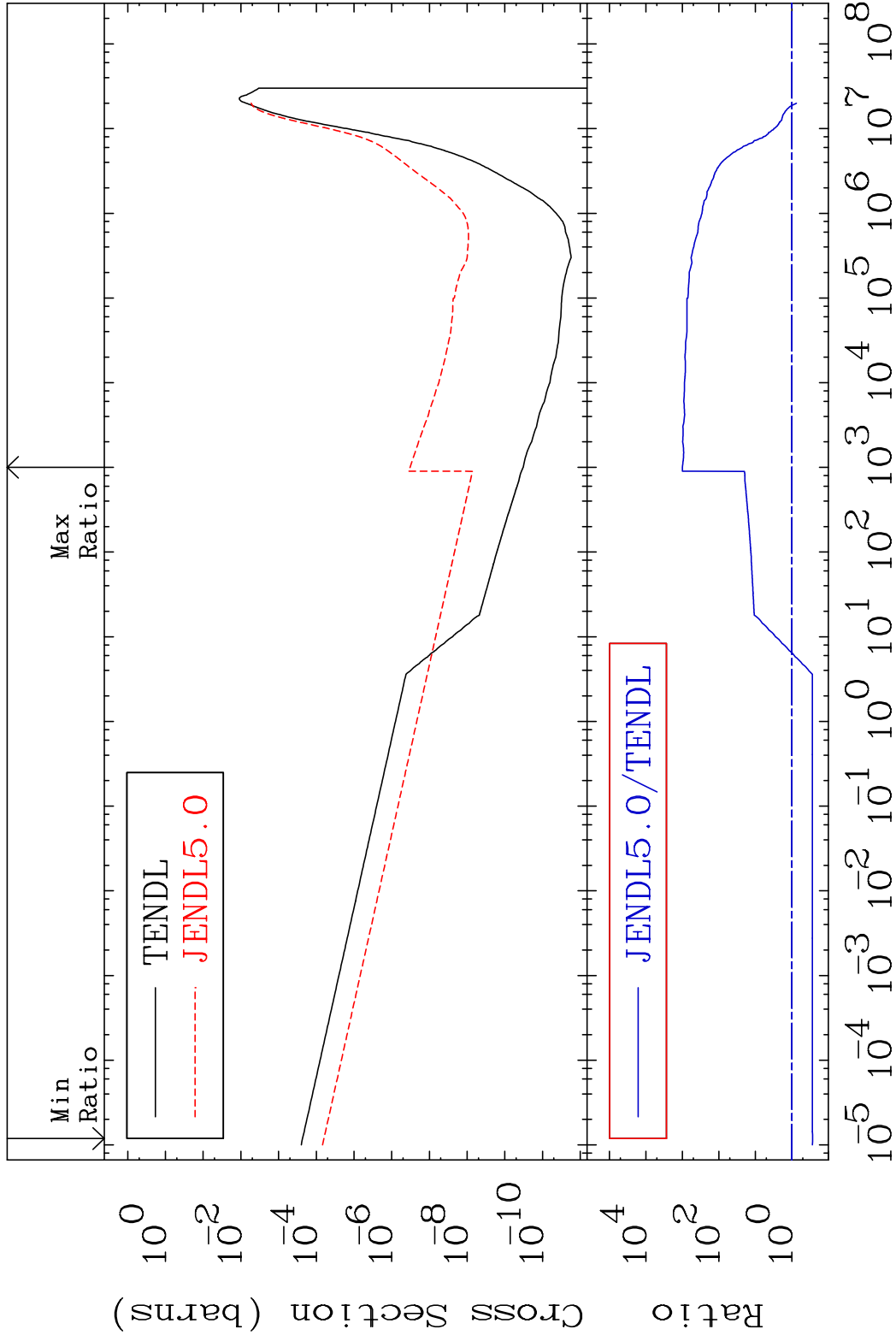


MAT 7840

(n, α)

78-Pt-195

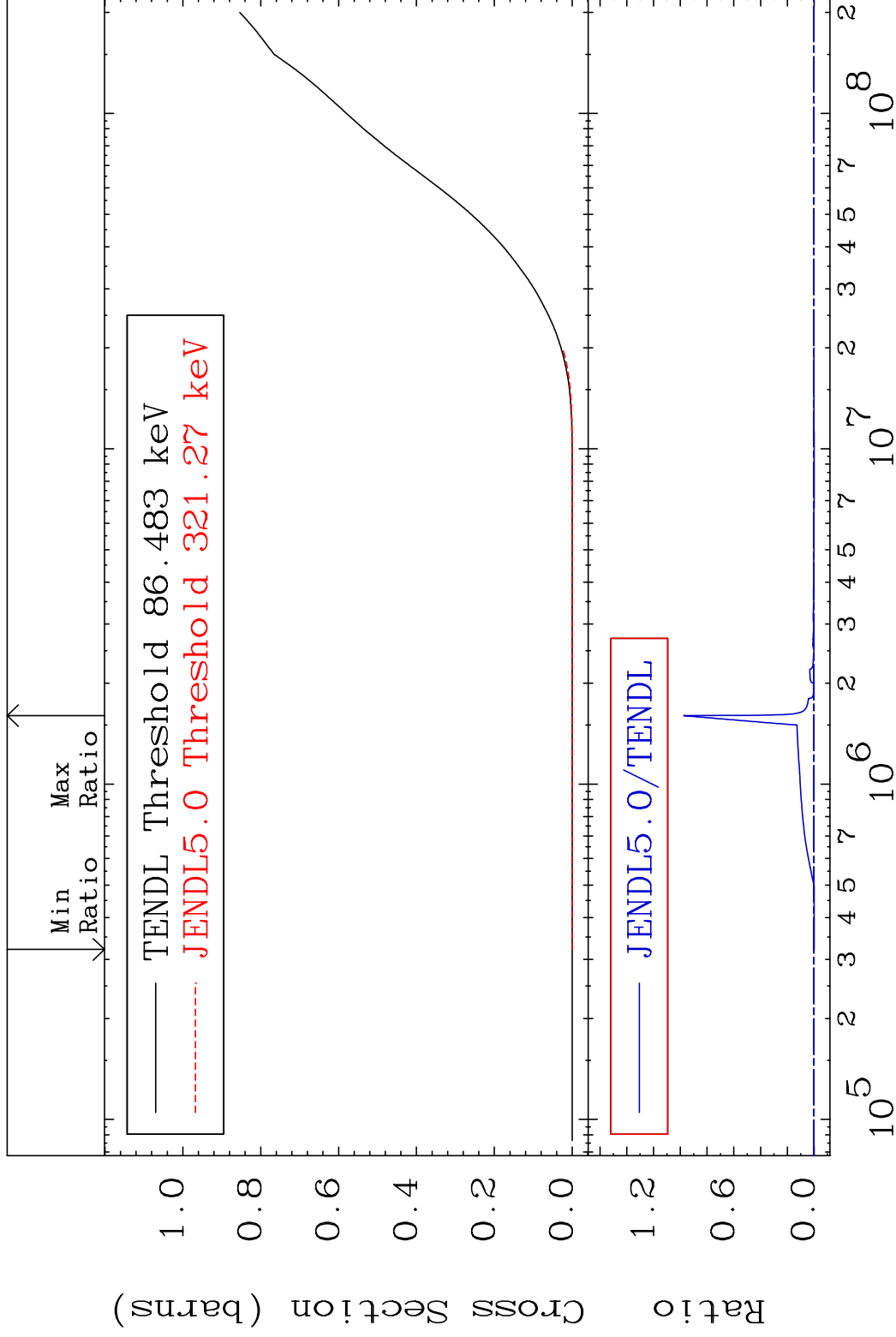
Cross Section -73.06 To 9999. %



45

Incident Energy (eV)

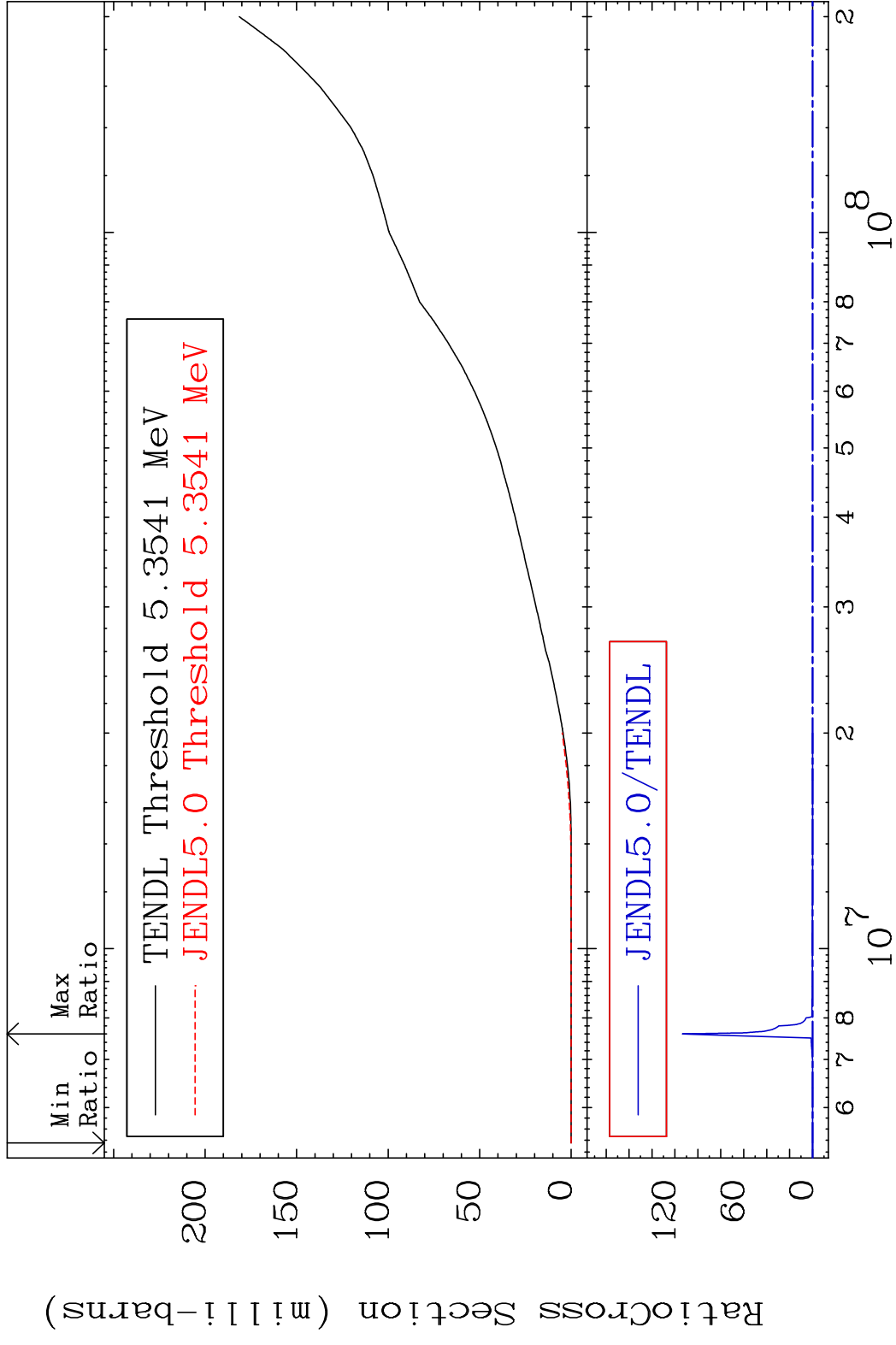
78-Pt-195



MAT 7840

Deuterium Production 78-Pt-195

Cross Section -100.0 To 9999. %

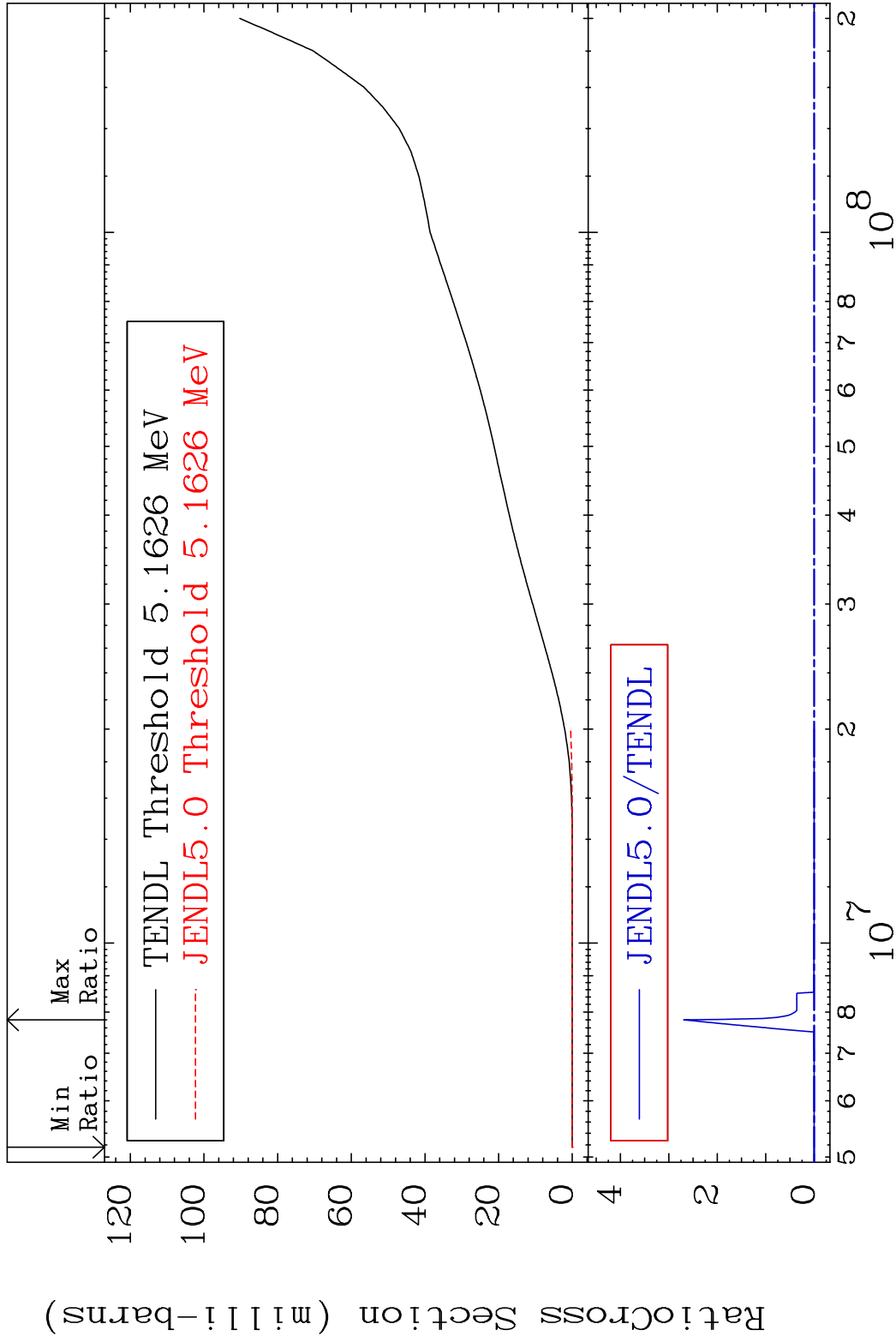


MAT 7840

Tritium Production

78-Pt-195

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

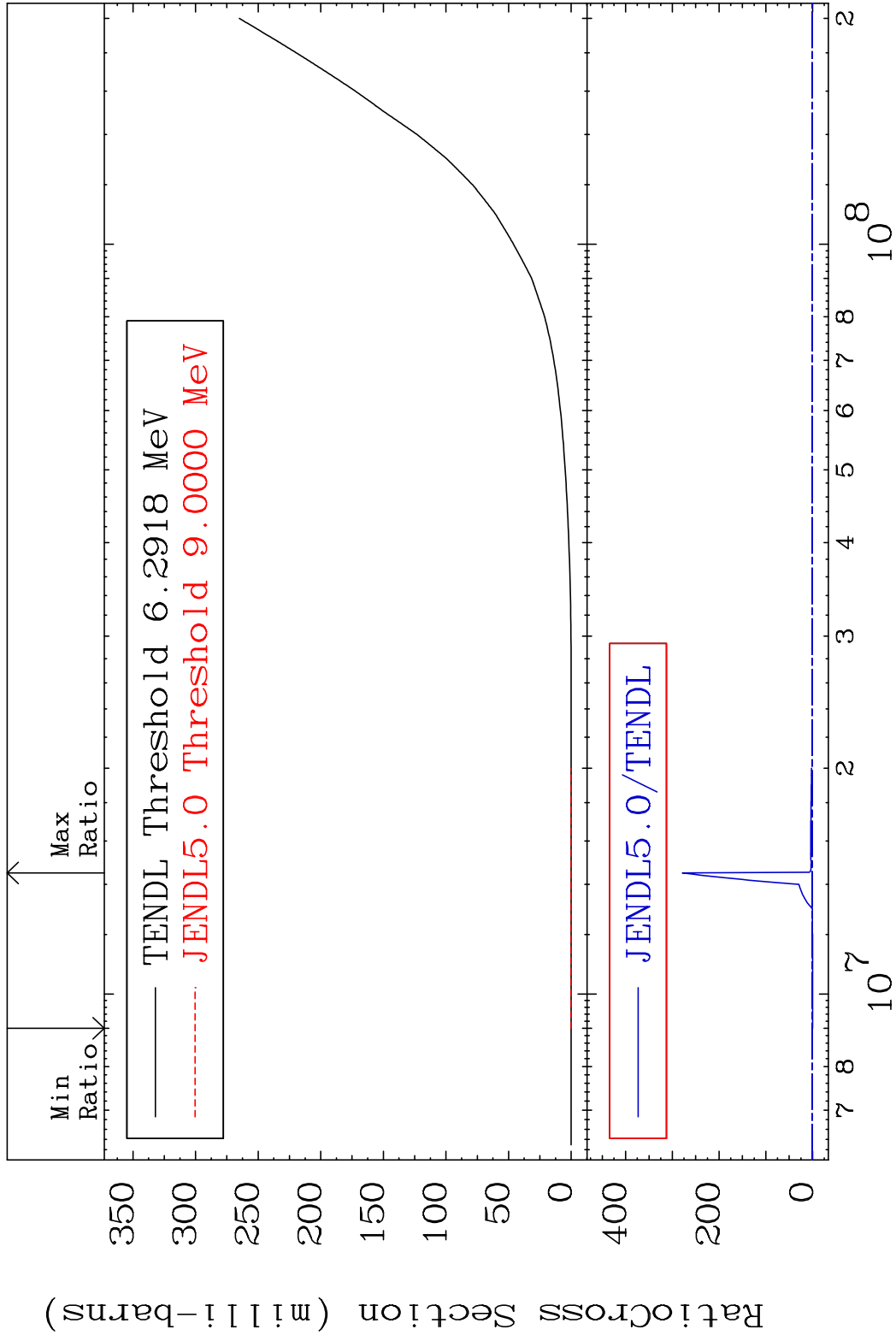
78-Pt-195

MAT 7840

He-3 Production

78-Pt-195

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

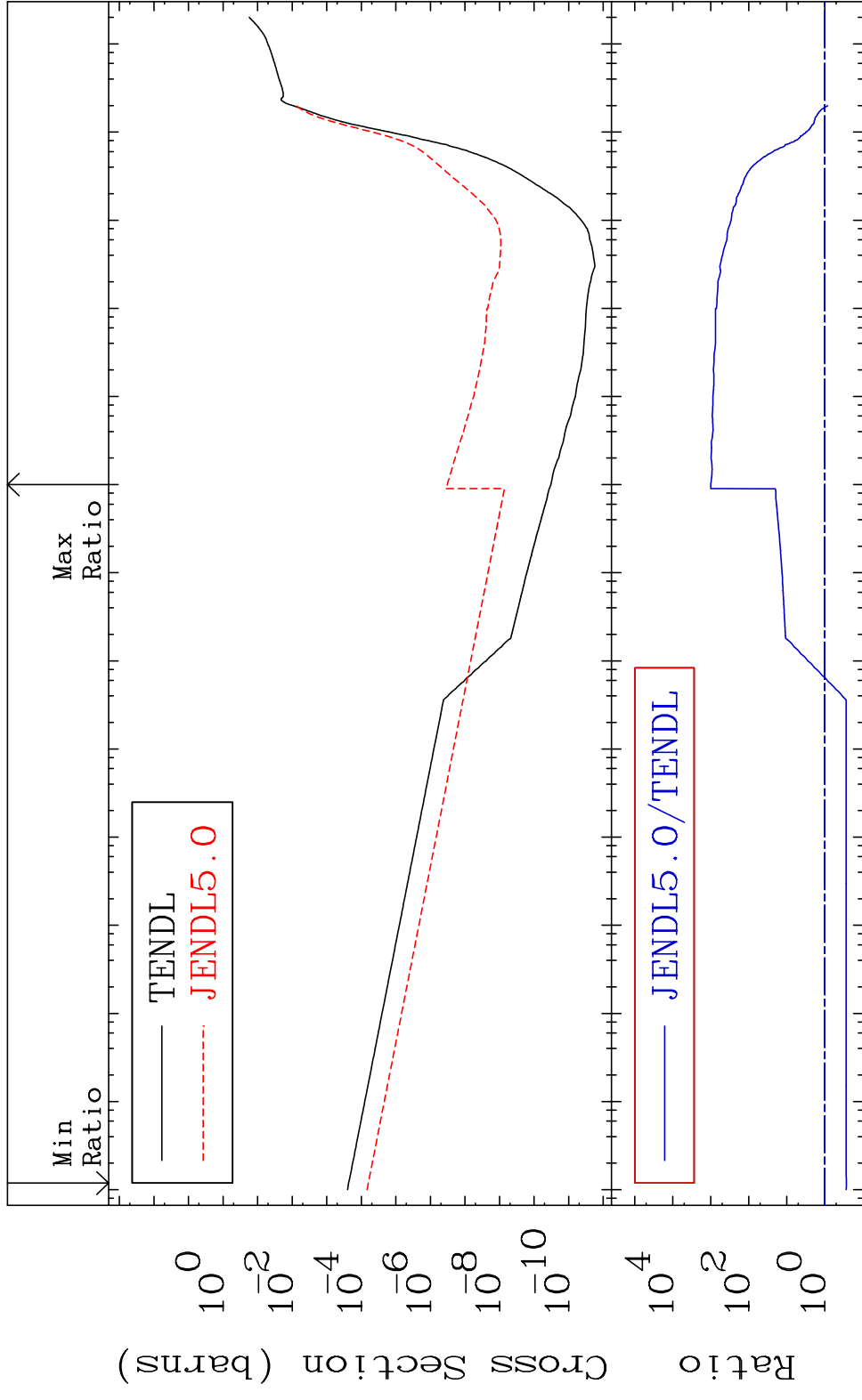
78-Pt-195

MAT 7840

He-4 Production

78-Pt-195

Cross Section -73.06 To 9999. %



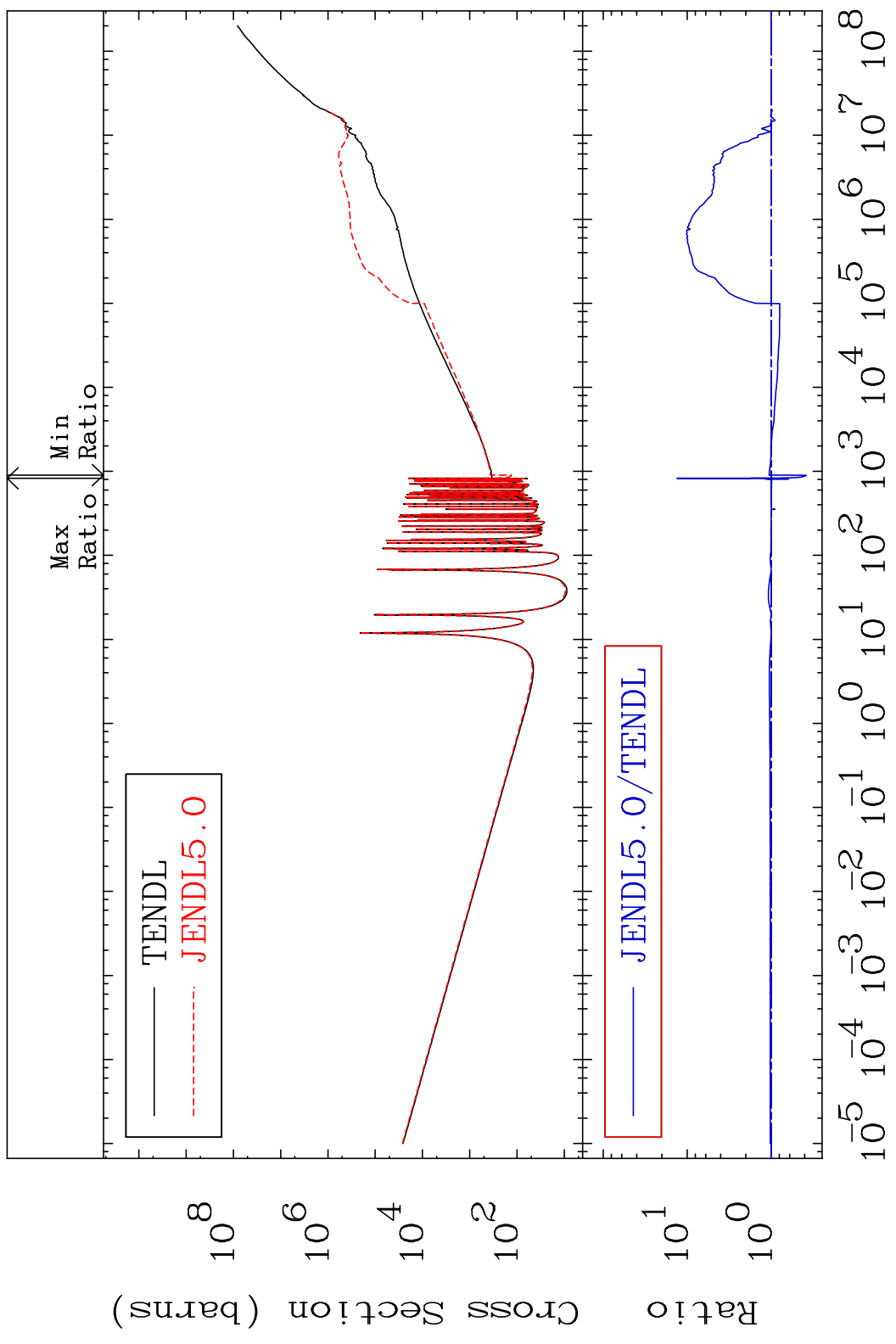
50

Incident Energy (eV)

78-Pt-195

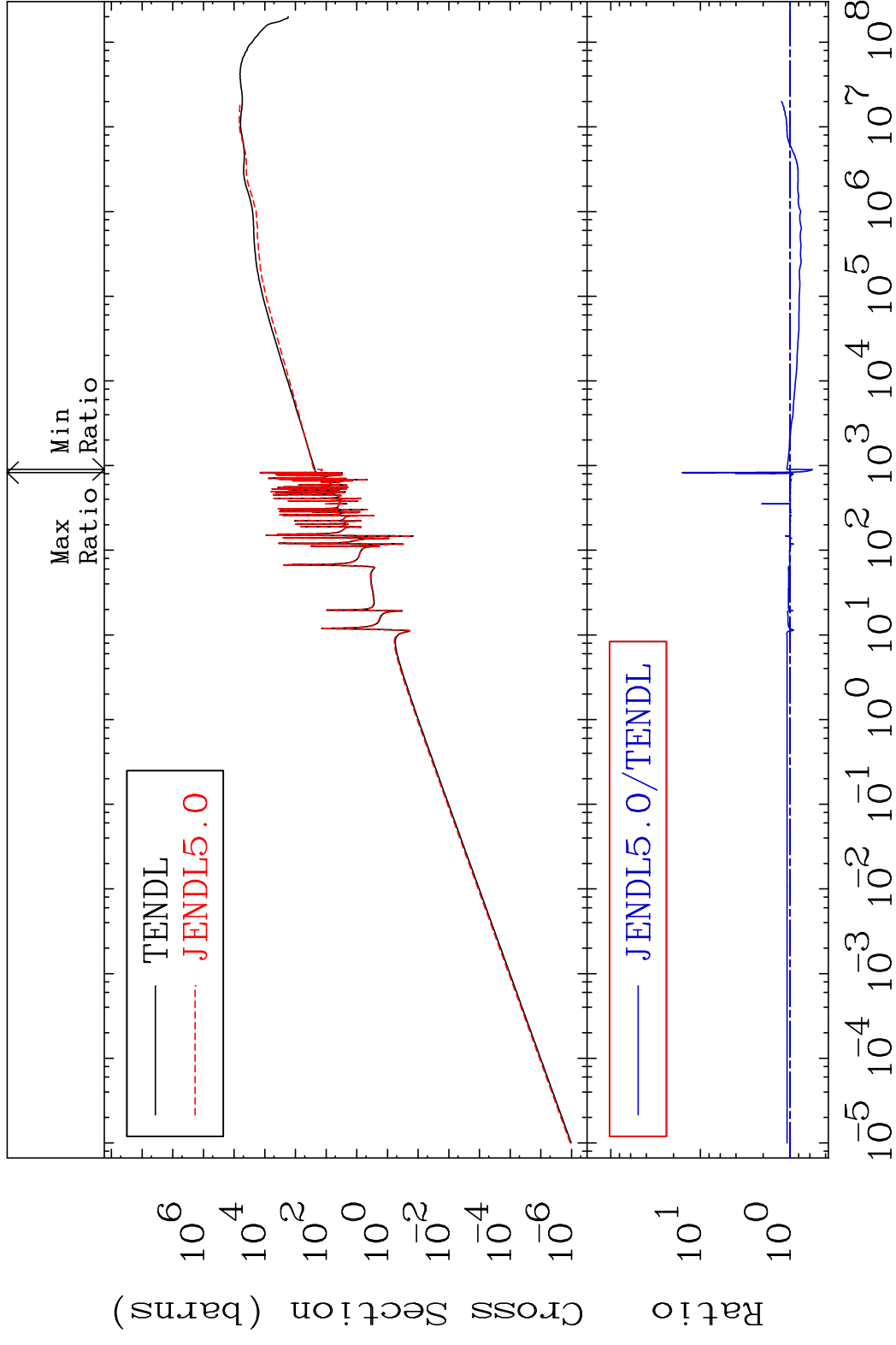
MAT 7840

Kerma total (eV-barns) 78-Pt-195
Cross Section -61.97 To 1216. %

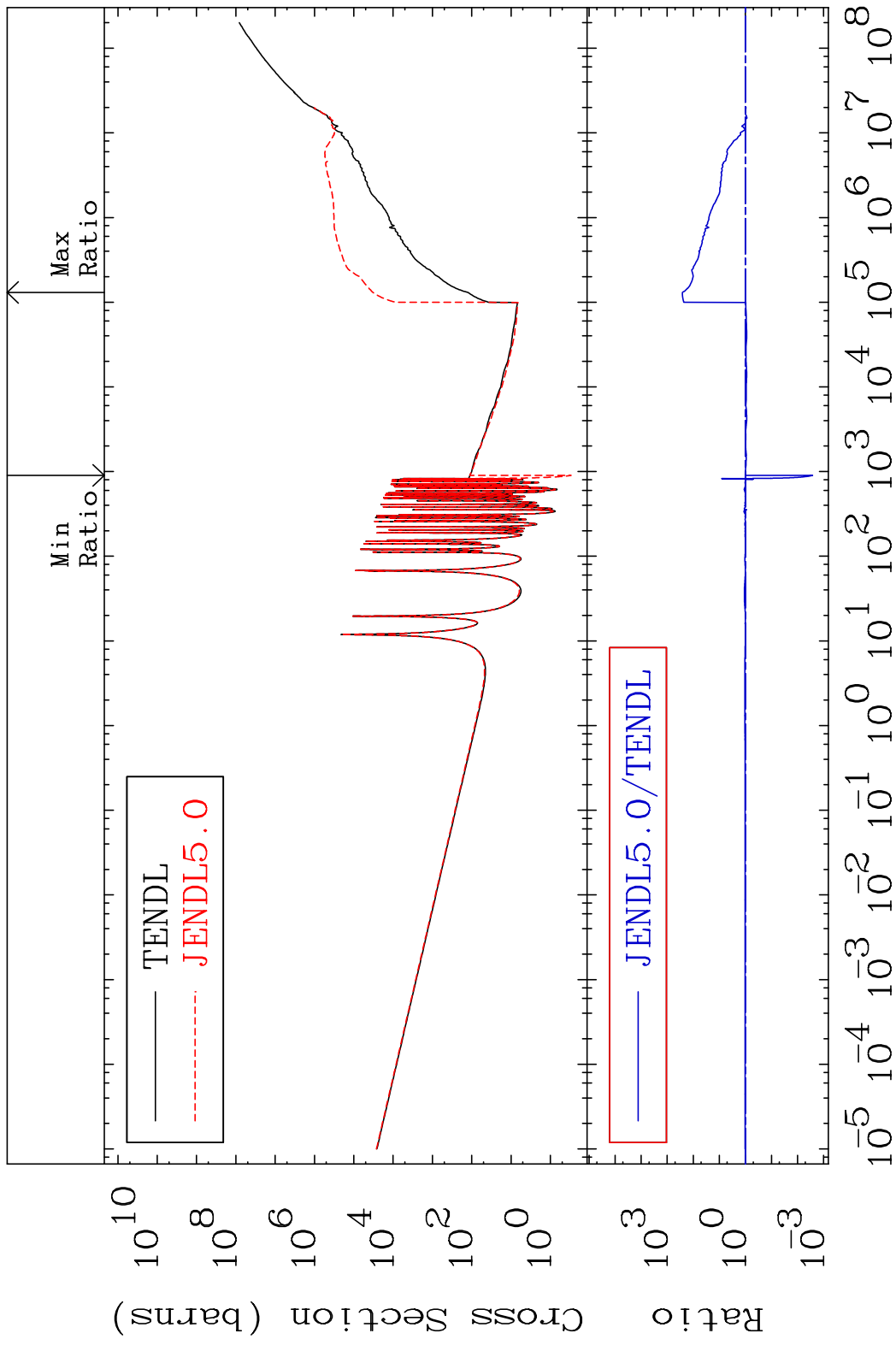


MAT 7840

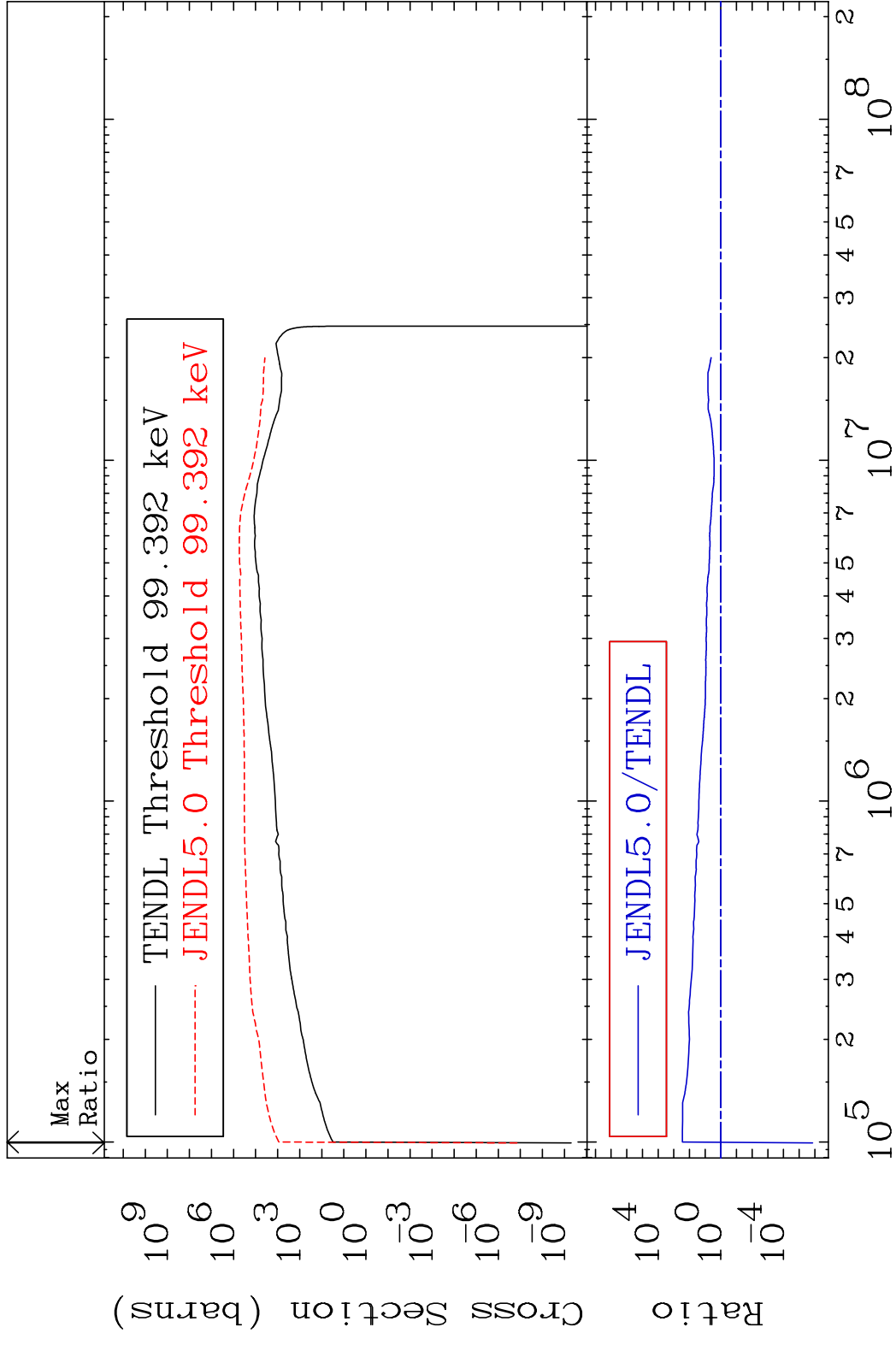
Kerma elastic Cross Section -44.01 To 1490. %
78-Pt-195



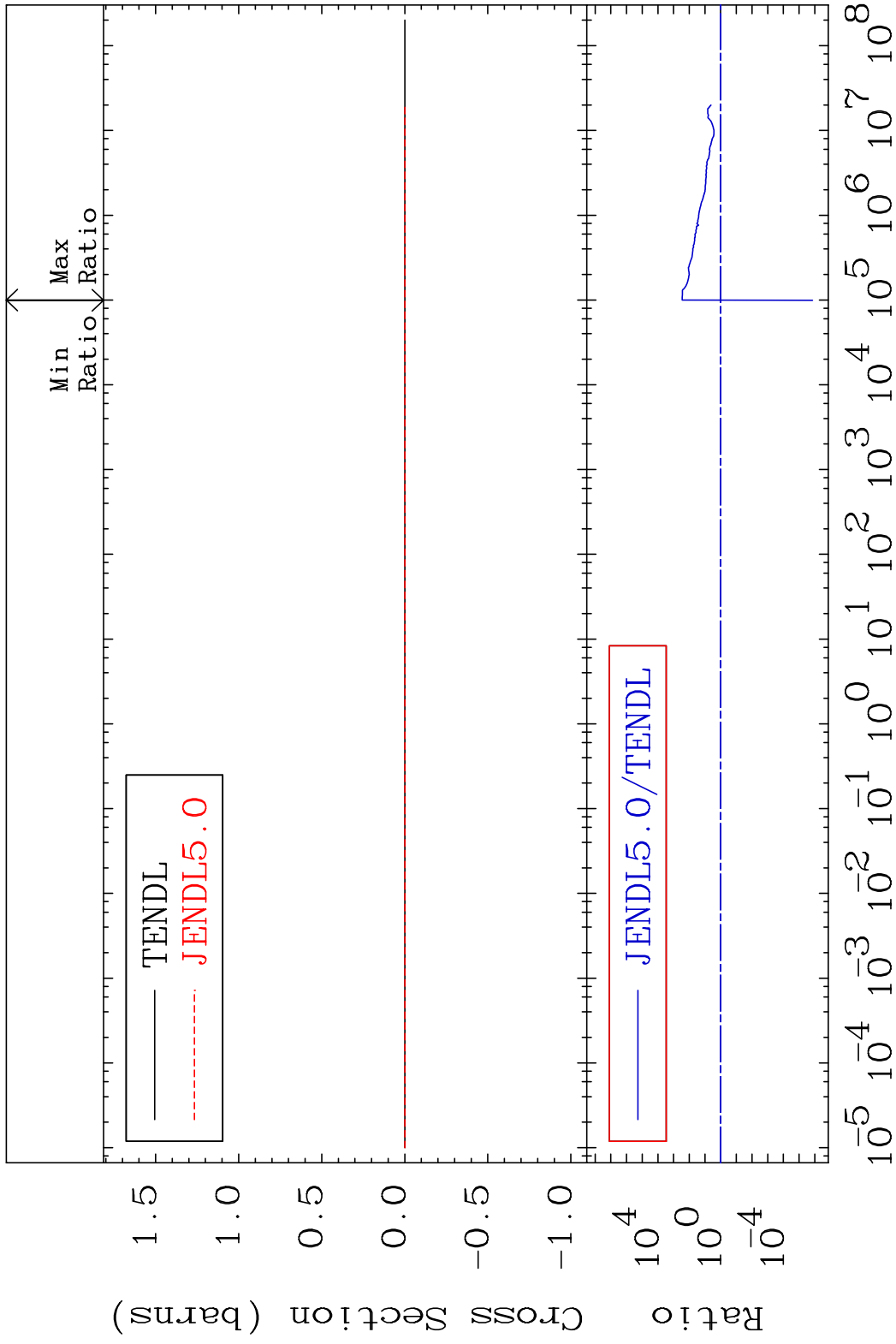
MAT 7840 Kerma non-elastic (all but mt2) 78-Pt-195
 Cross Section -99.73 To 9999. %



MAT 7840 Kerma inelastic (mt51-91) 78-Pt-195
 Cross Section -100.0 To 9999. %

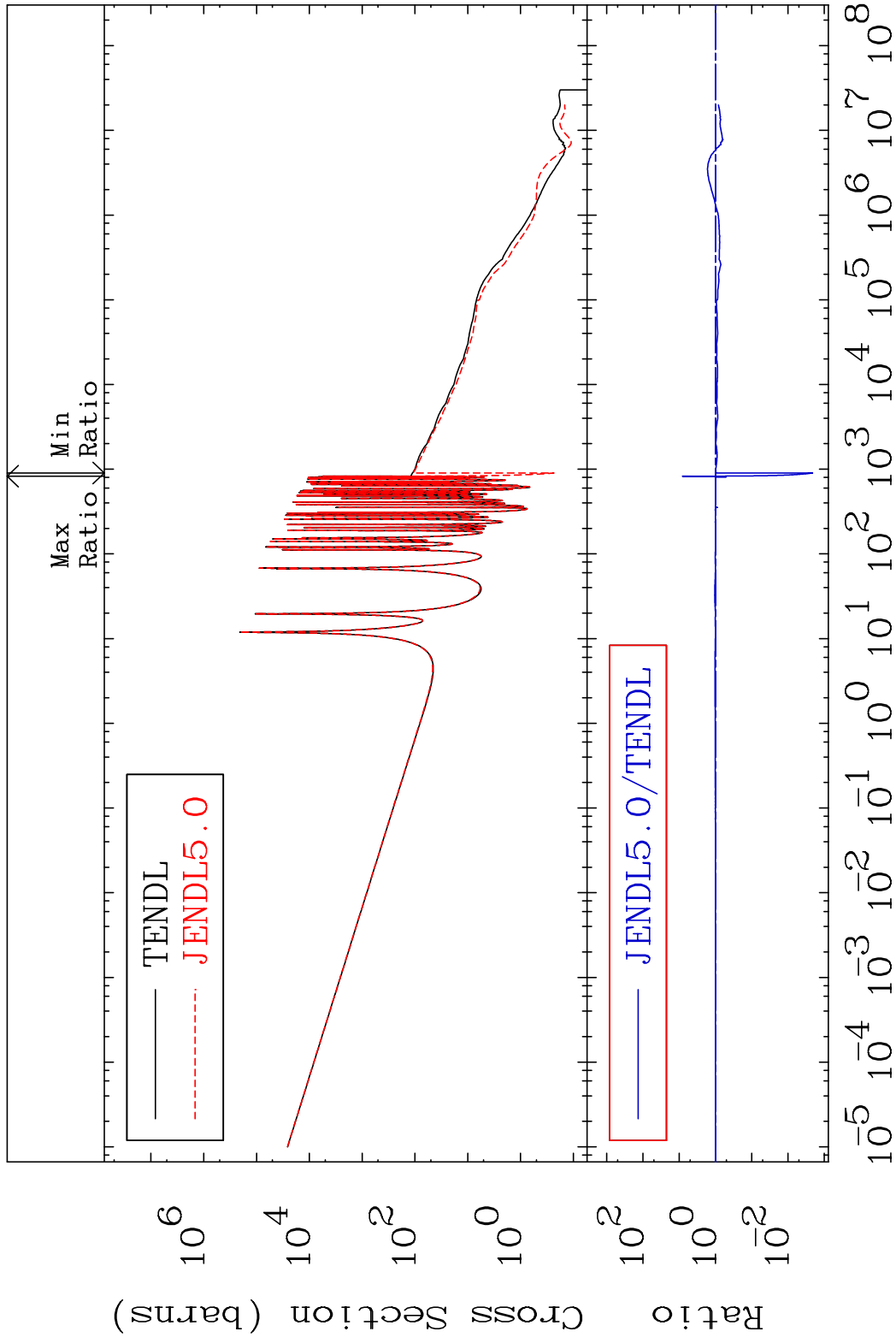


MAT 7840 Kerma fission (mt18 or mt19-20-21-38)78-Pt-195
 Cross Section -100.0 To 9999. %



MAT 7840

Kerma capture (mt102) 78-Pt-195
Cross Section -99.79 To 715.7 %



56

Incident Energy (eV)

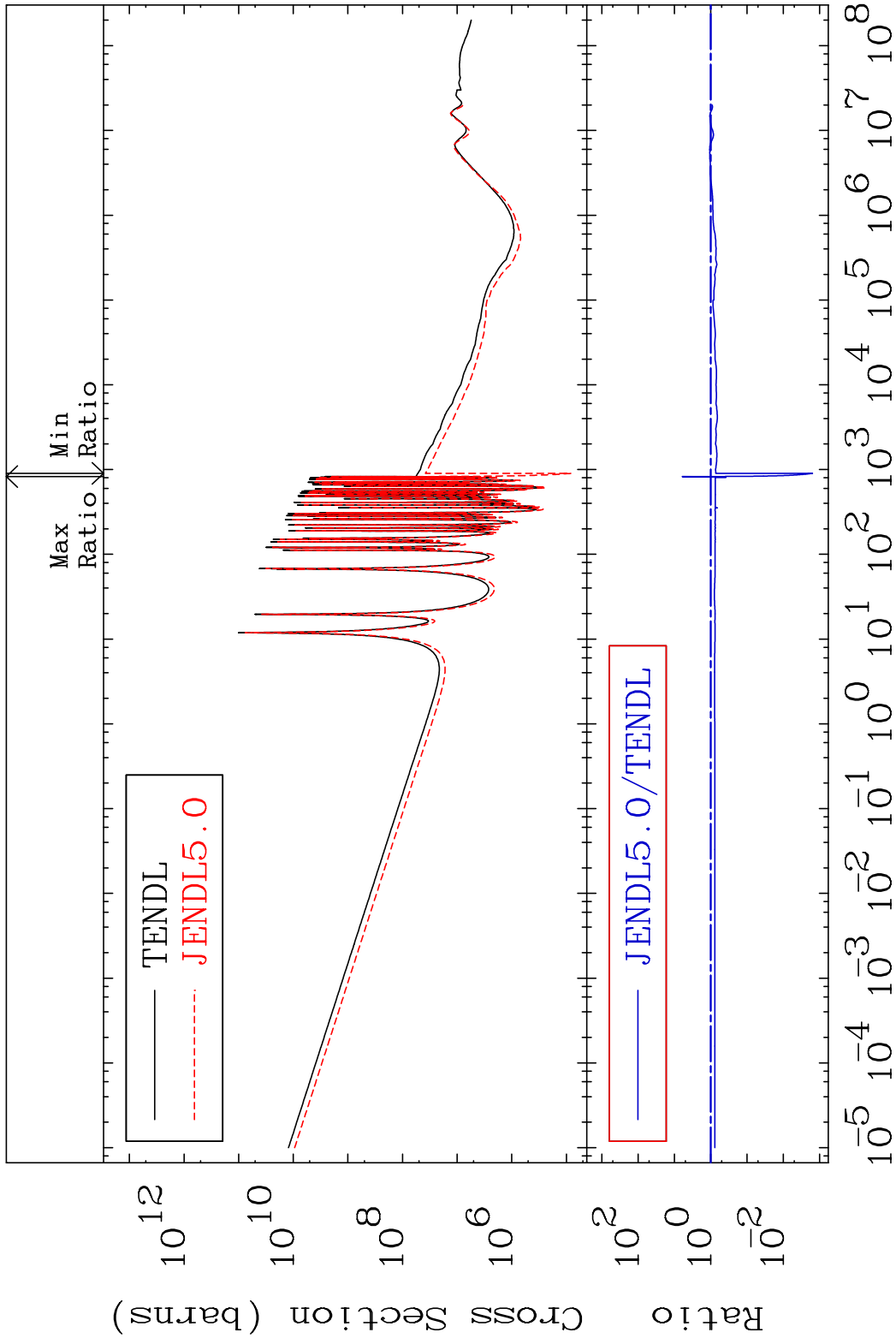
78-Pt-195

MAT 7840

Total photon (eV-barns)

78-Pt-195

Cross Section -99.84 To 511.8 %

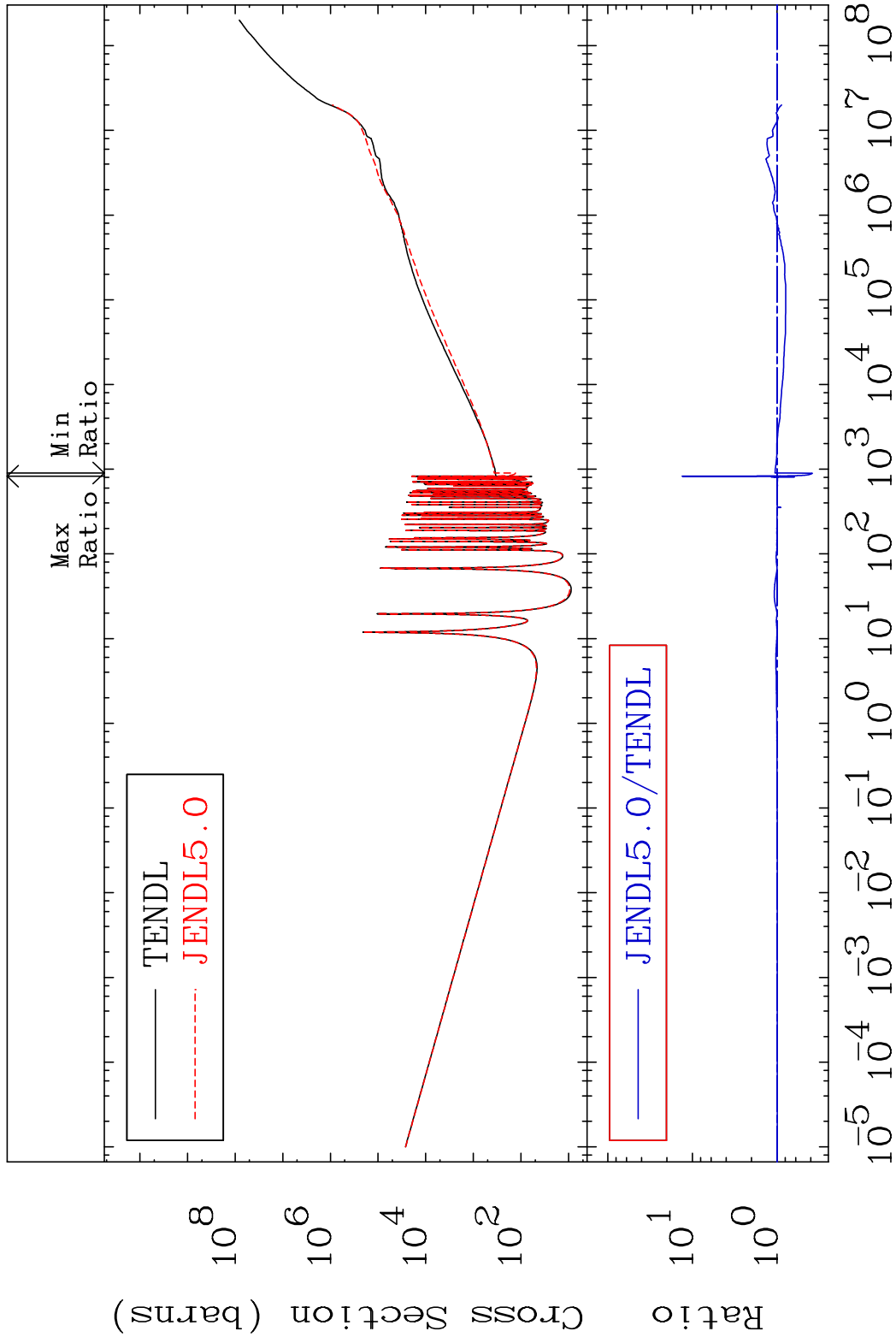


57

Incident Energy (eV)

78-Pt-195

MAT 7840 Total kinematic kerma (high limit) 78-Pt-195
 Cross Section -61.97 To 1216. %

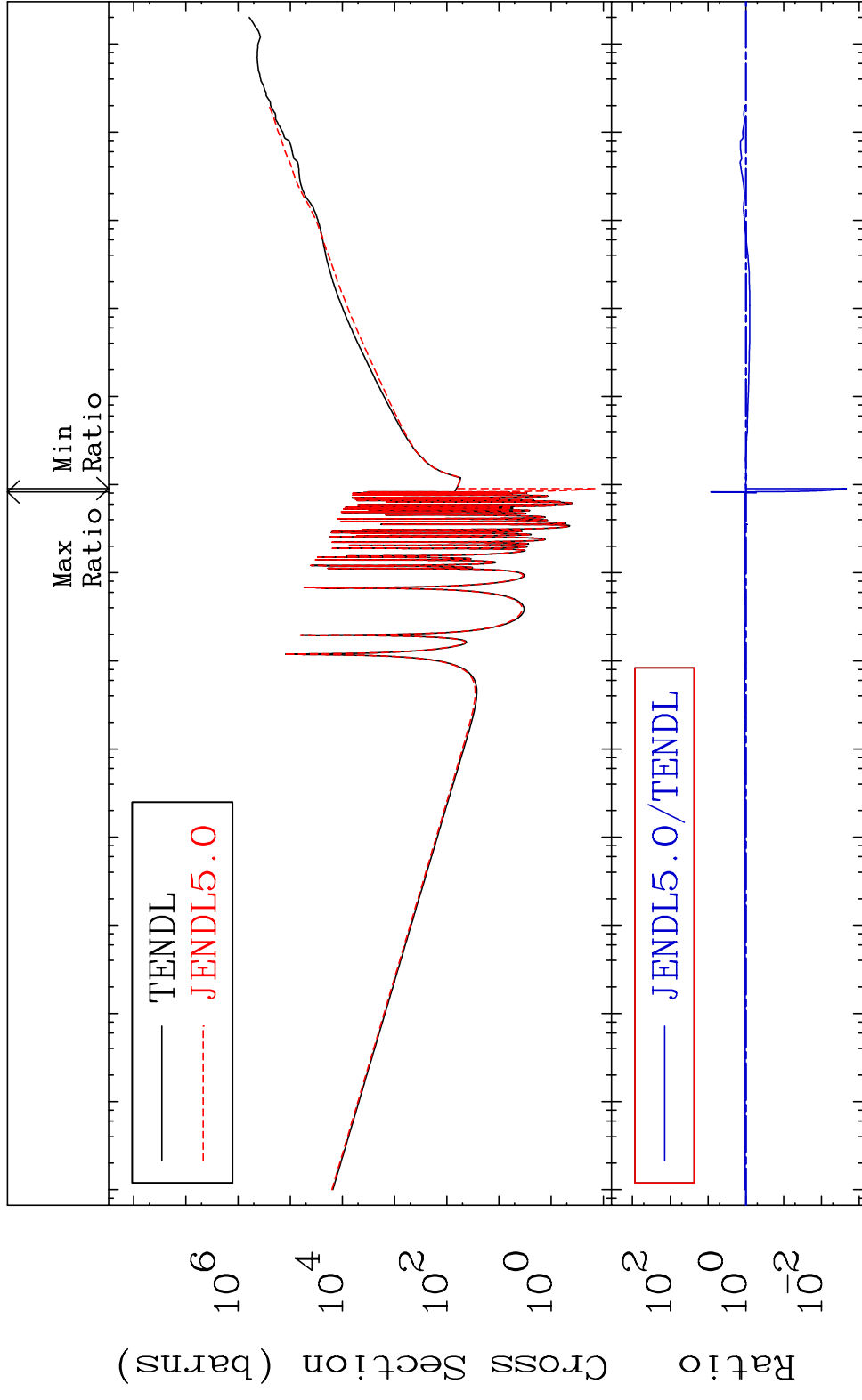


MAT 7840

Dpa total (eV-barns)

78-Pt-195

Cross Section -99.78 To 752.2 %



59

Incident Energy (eV)

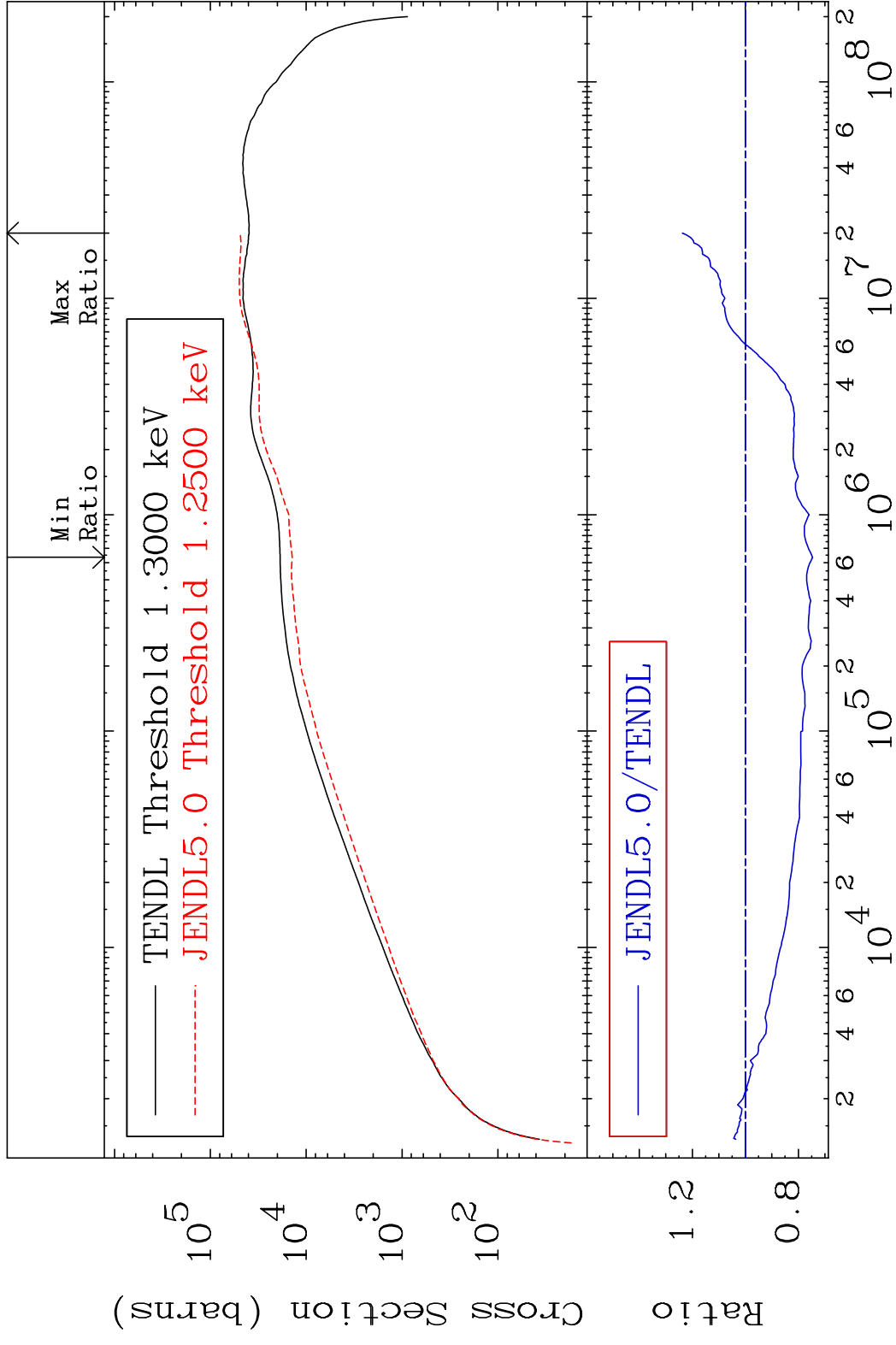
78-Pt-195

MAT 7840

Dpa elastic (mt2)

78-Pt-195

Cross Section -25.35 To 23.76 %

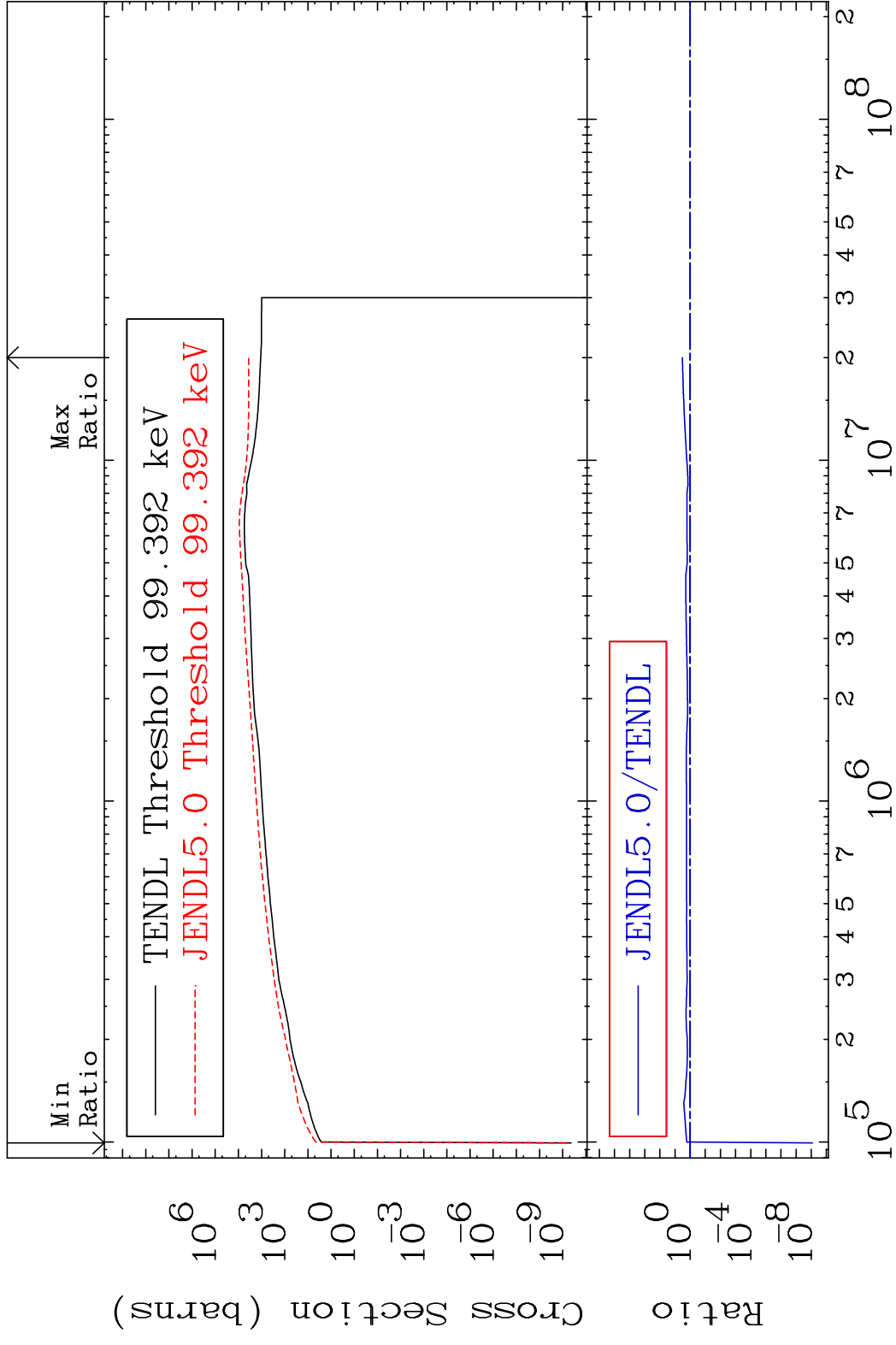


60

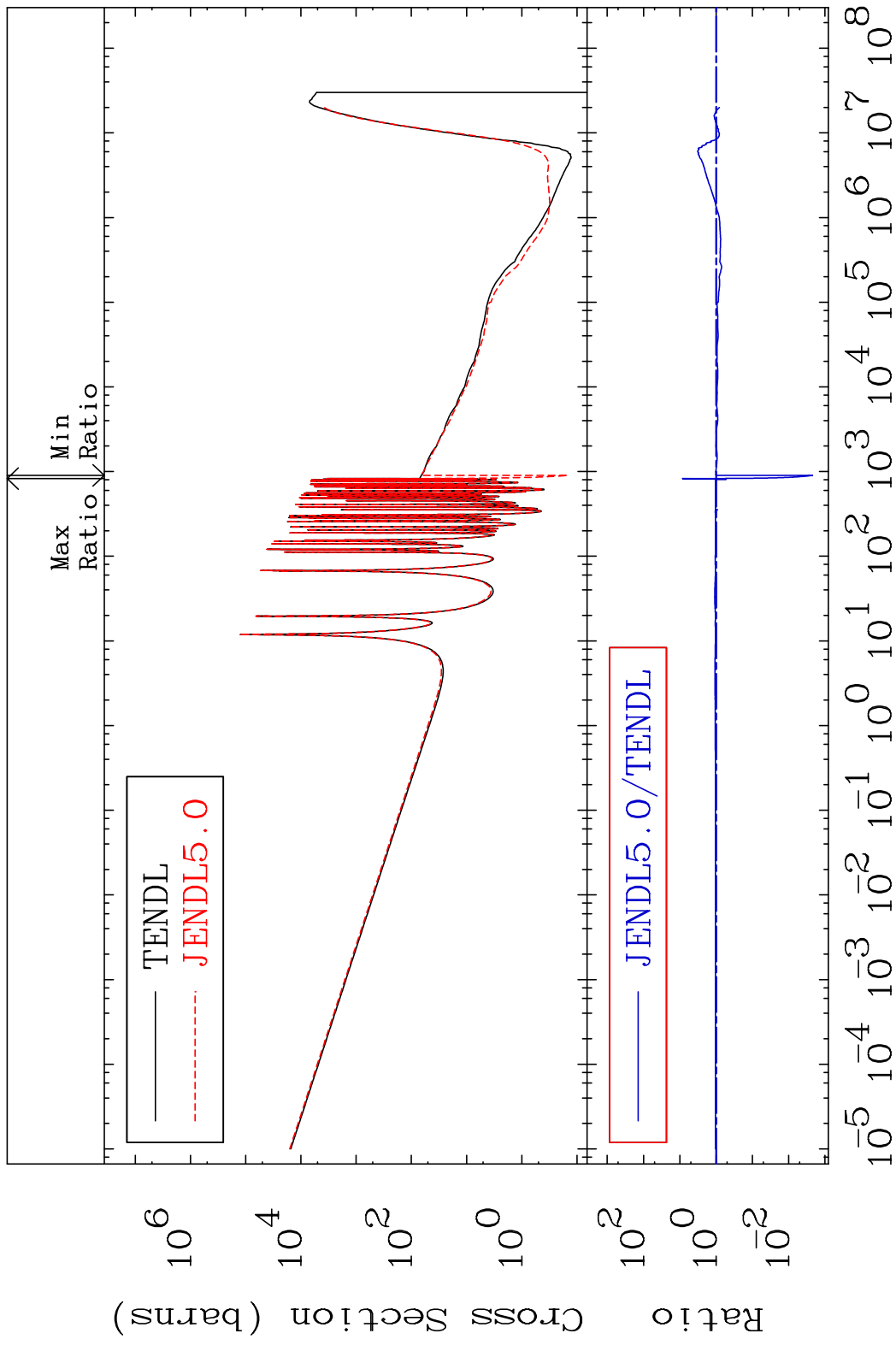
Incident Energy (eV)

78-Pt-195

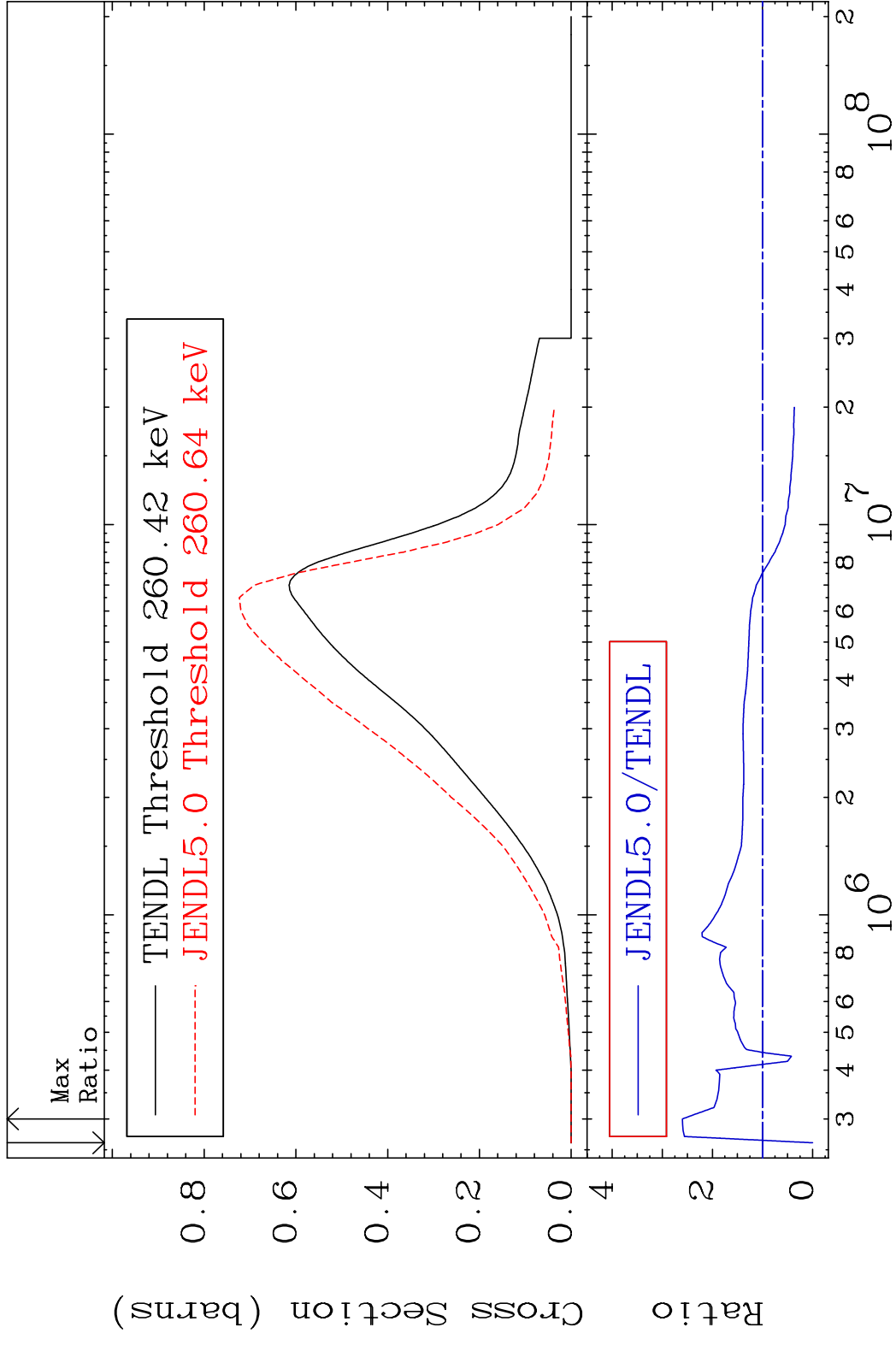
MAT 7840 Dpa inelastic (mt51-91) 78-Pt-195
 Cross Section -100.0 To 227.7 %



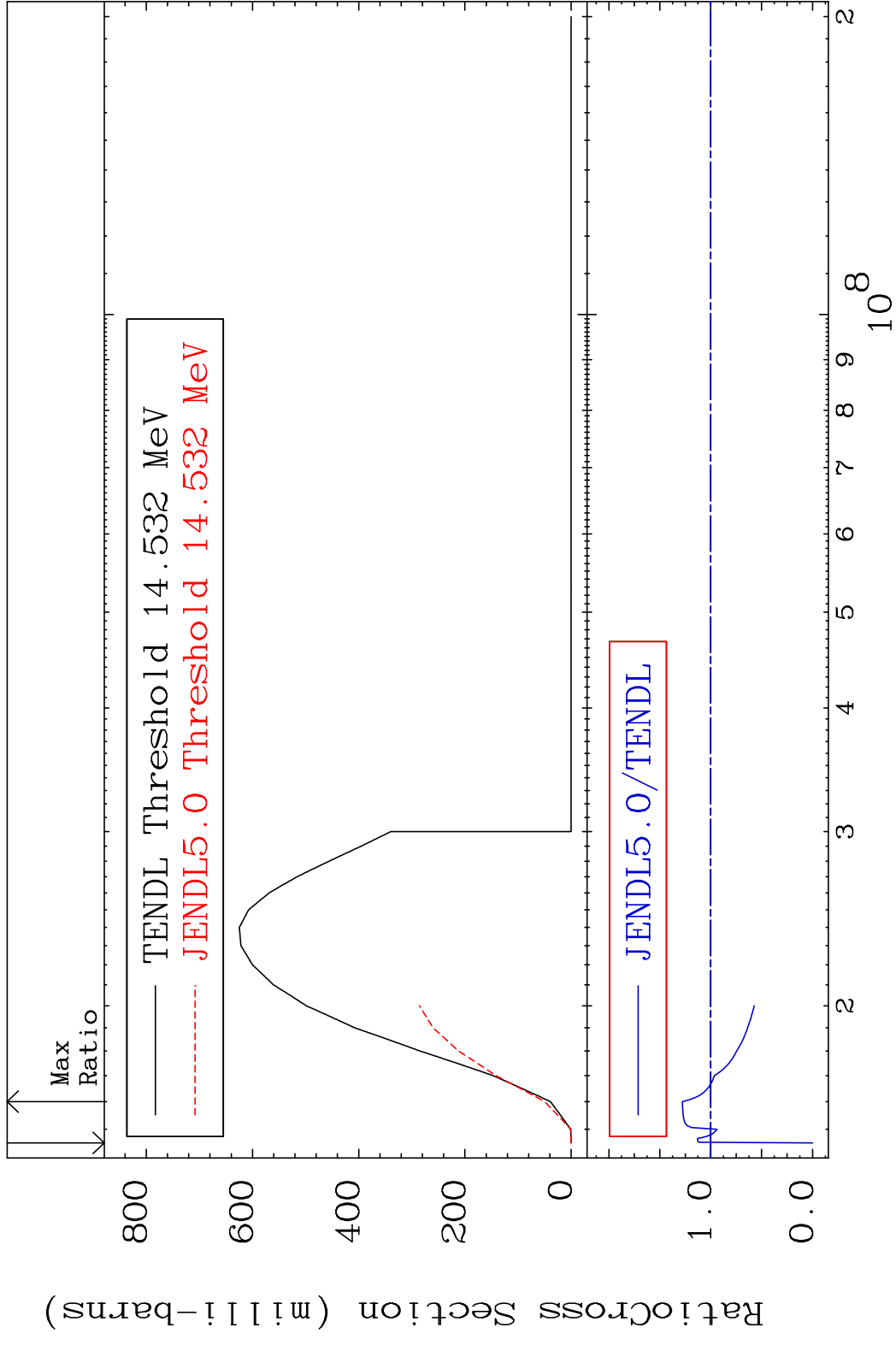
MAT 7840 Dpa disappearance (mt102 -120) 78-Pt-195
 Cross Section -99.78 To 752.2 %



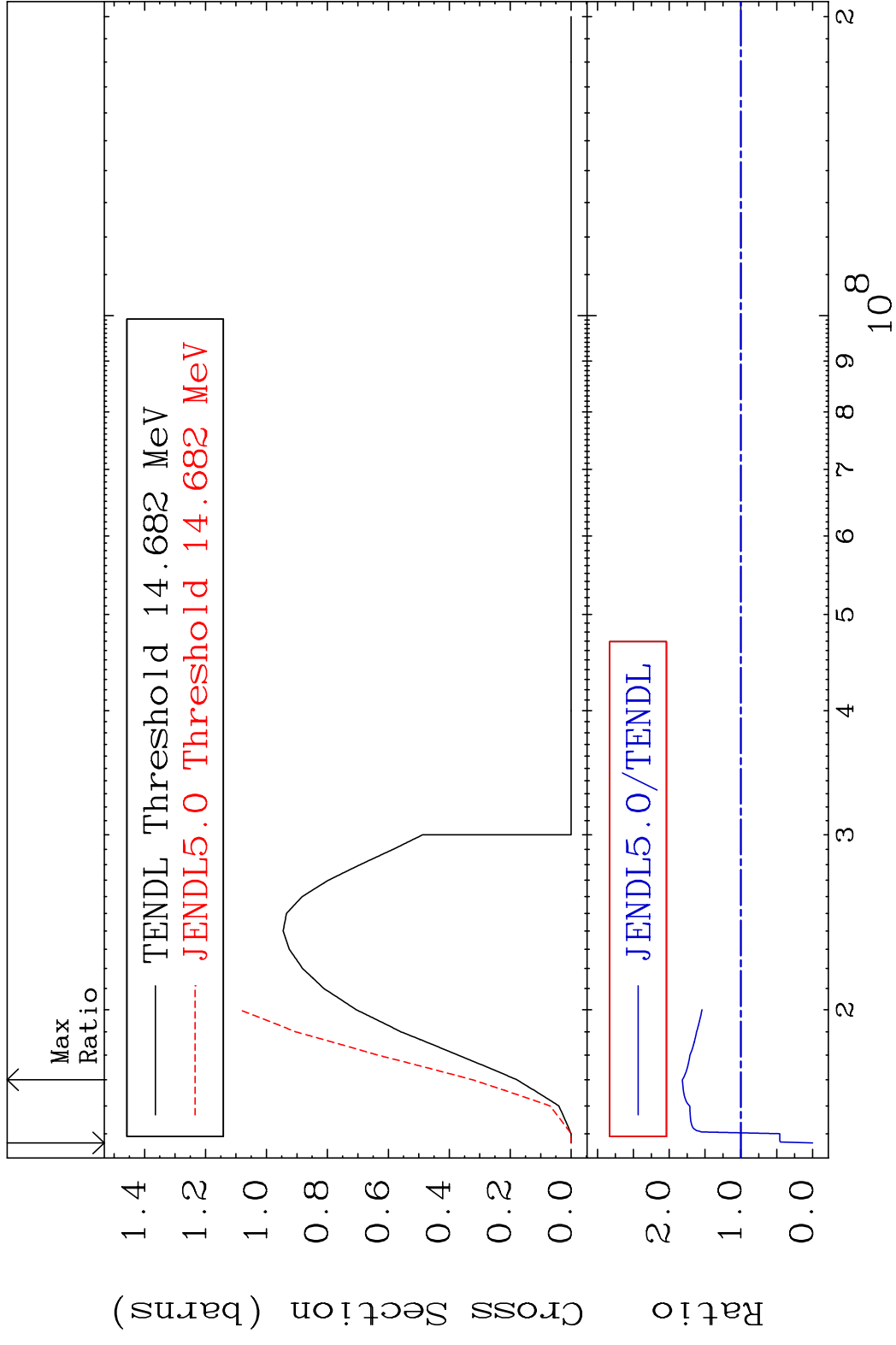
62 Incident Energy (eV) 78-Pt-195

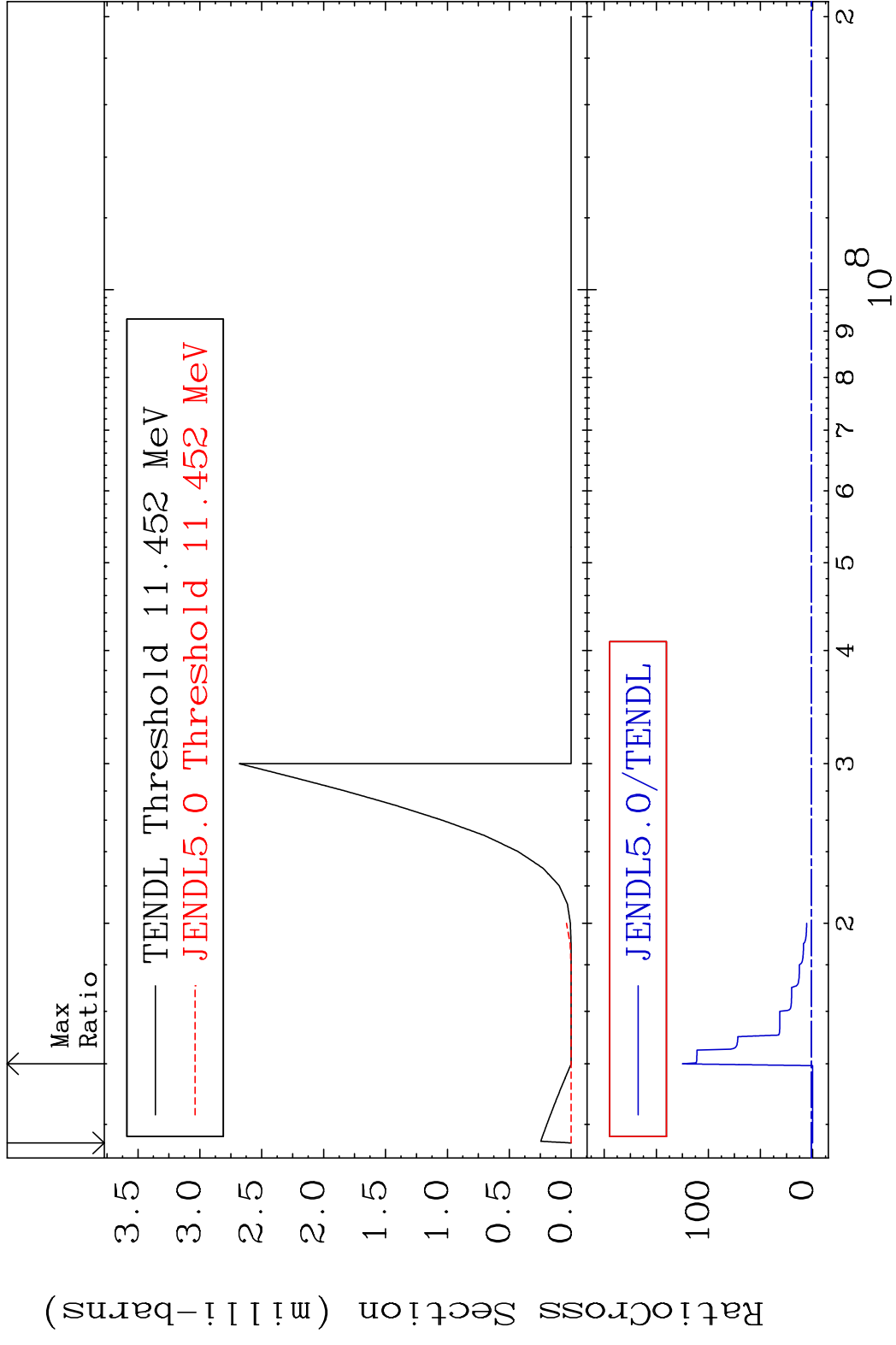


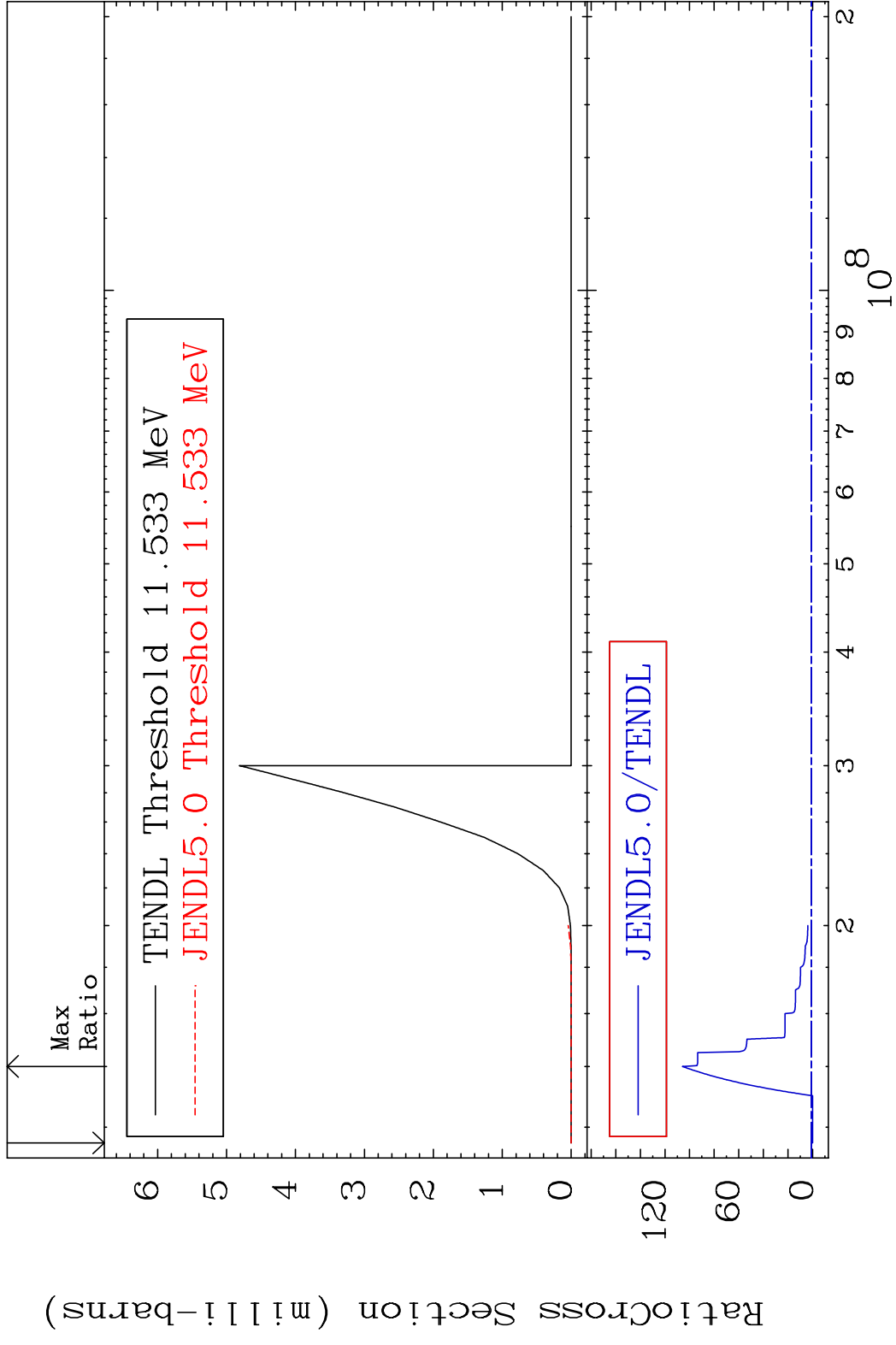
MAT 7840 (n,3n):78-Pt-193g 78-Pt-195
 Radionuclide Production Cross Section Ratio 27.85 %

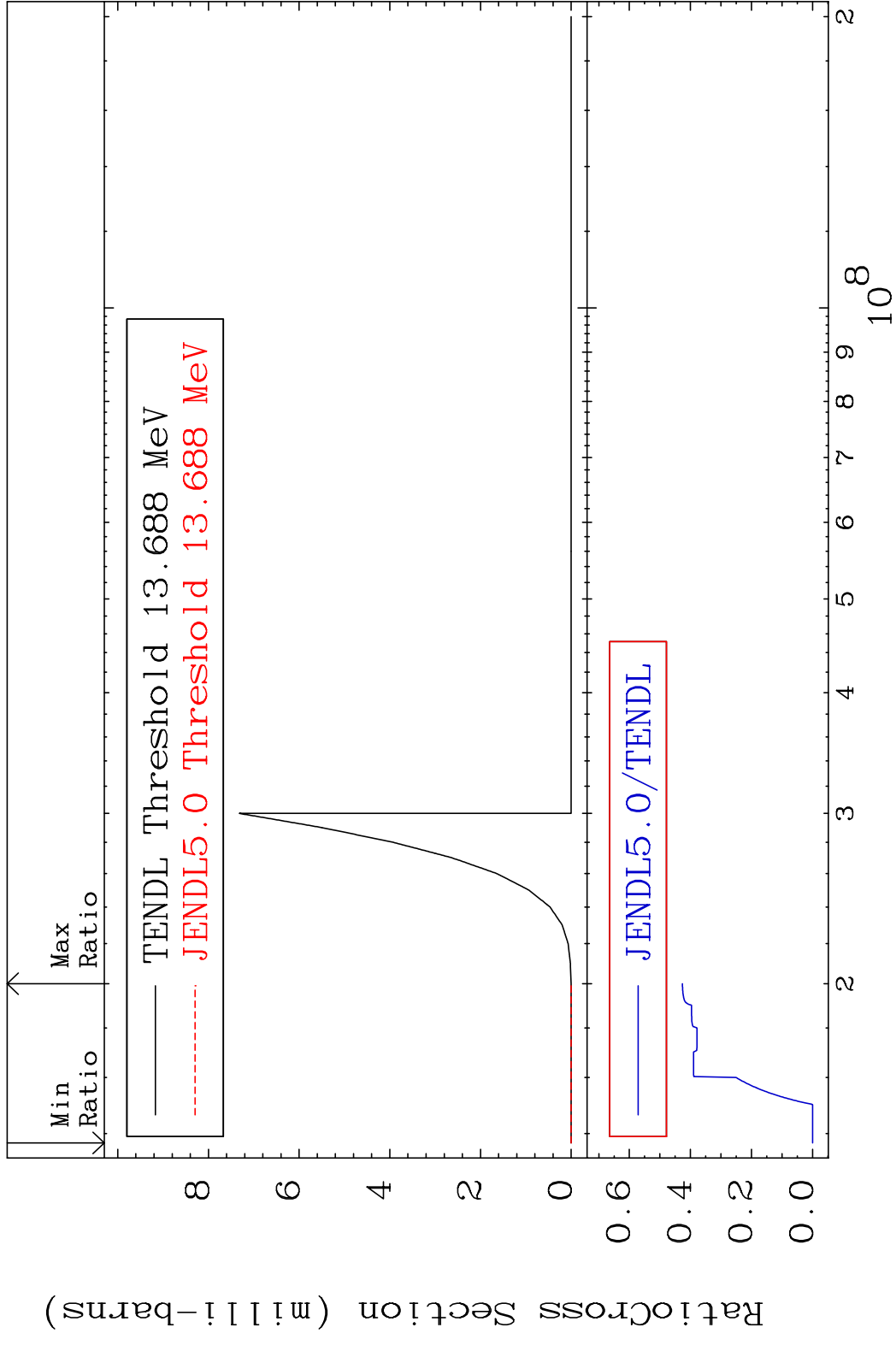


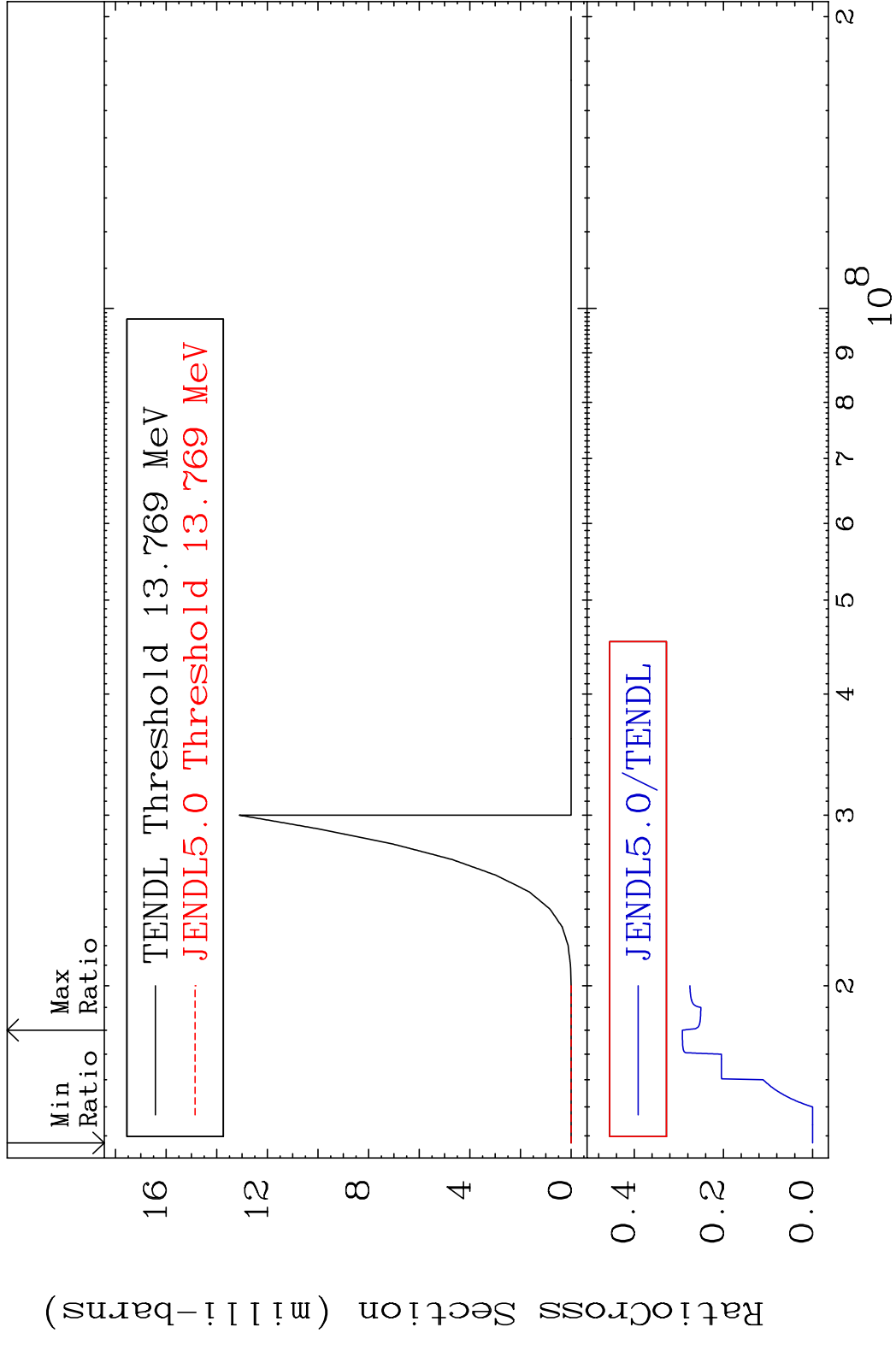
MAT 7840 (n, 3n): 78-Pt-193m5 78-Pt-195
 Radionuclide Production Cross Section Ratio 81.65 %



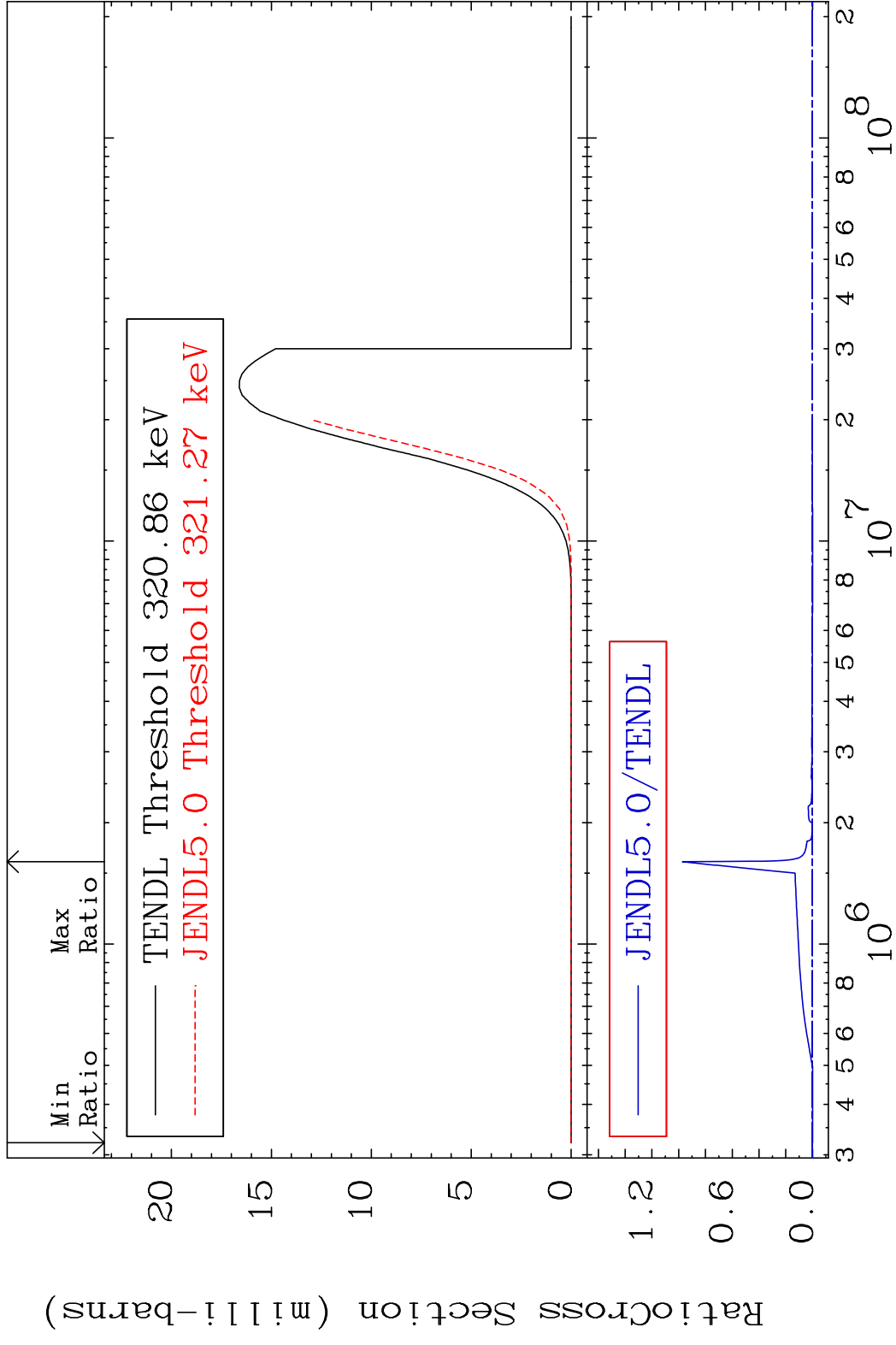


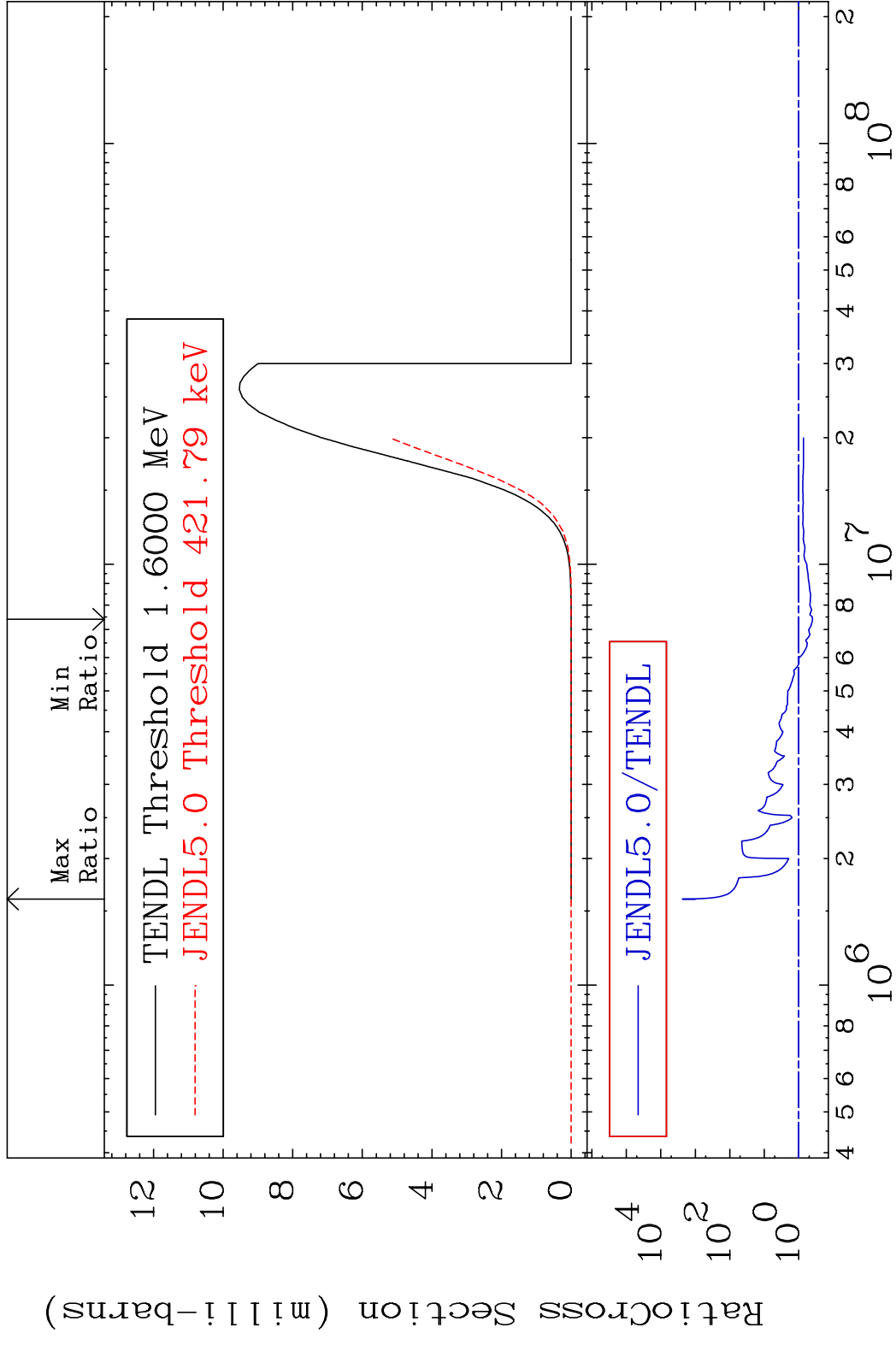


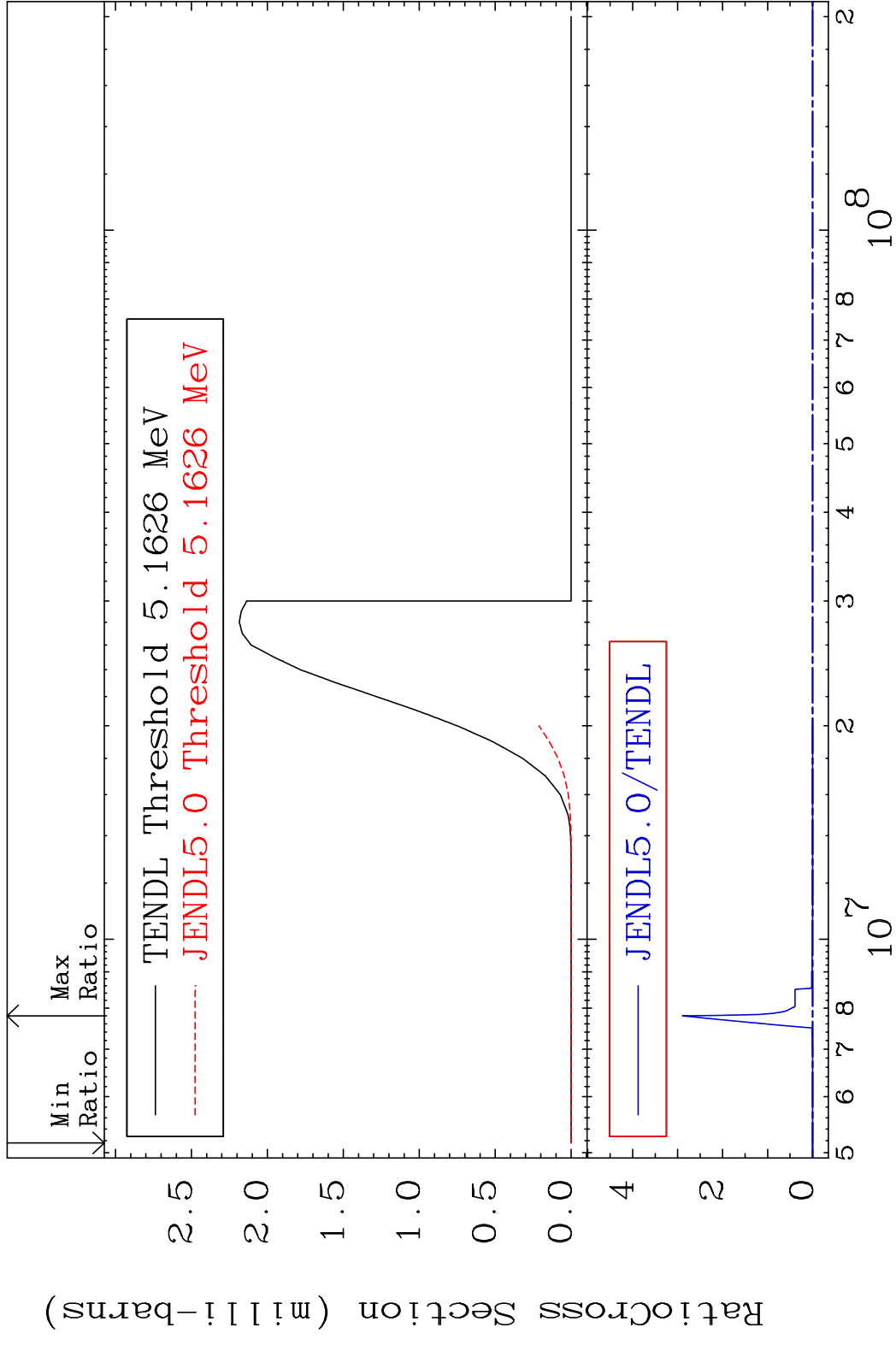


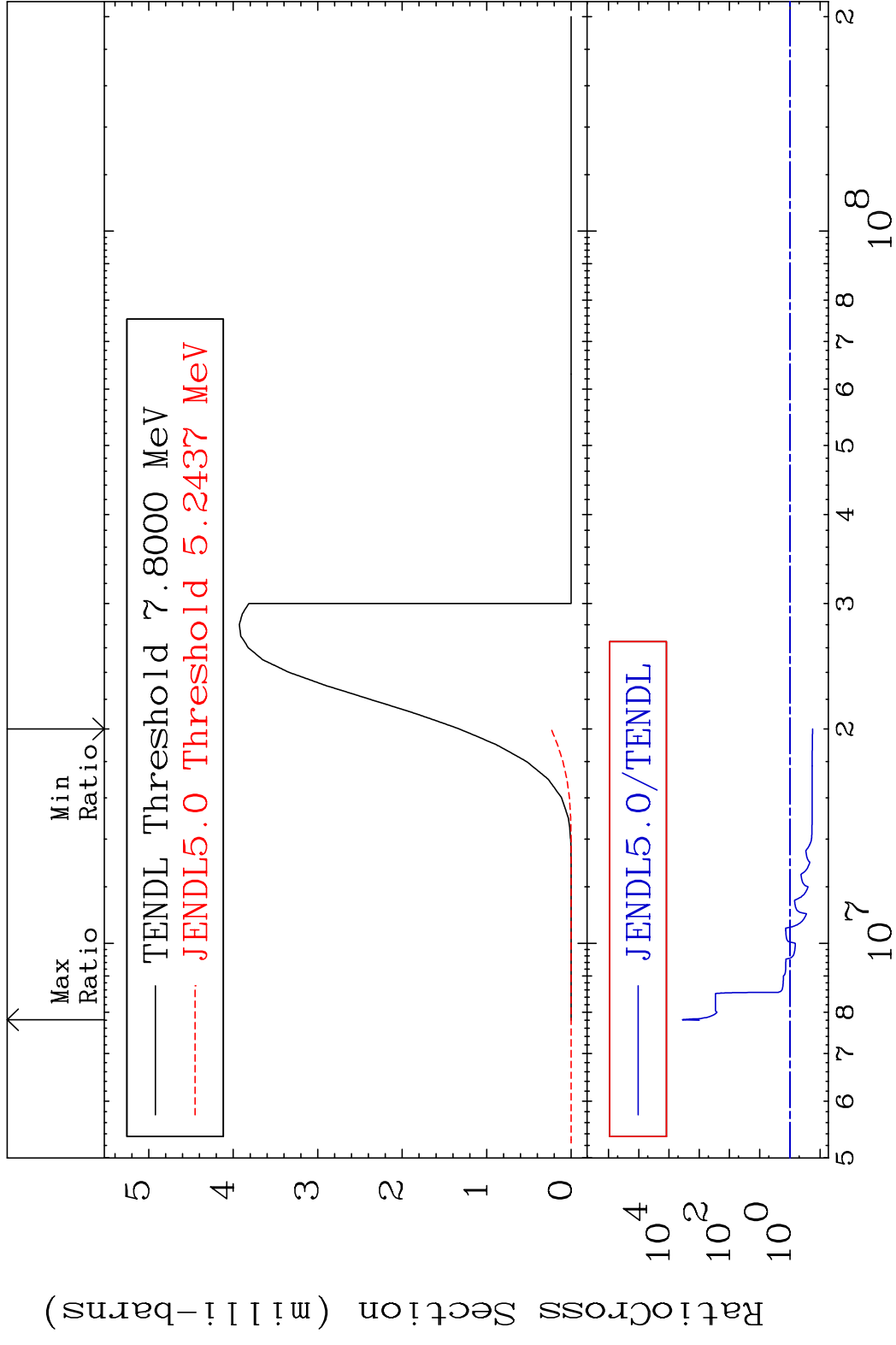


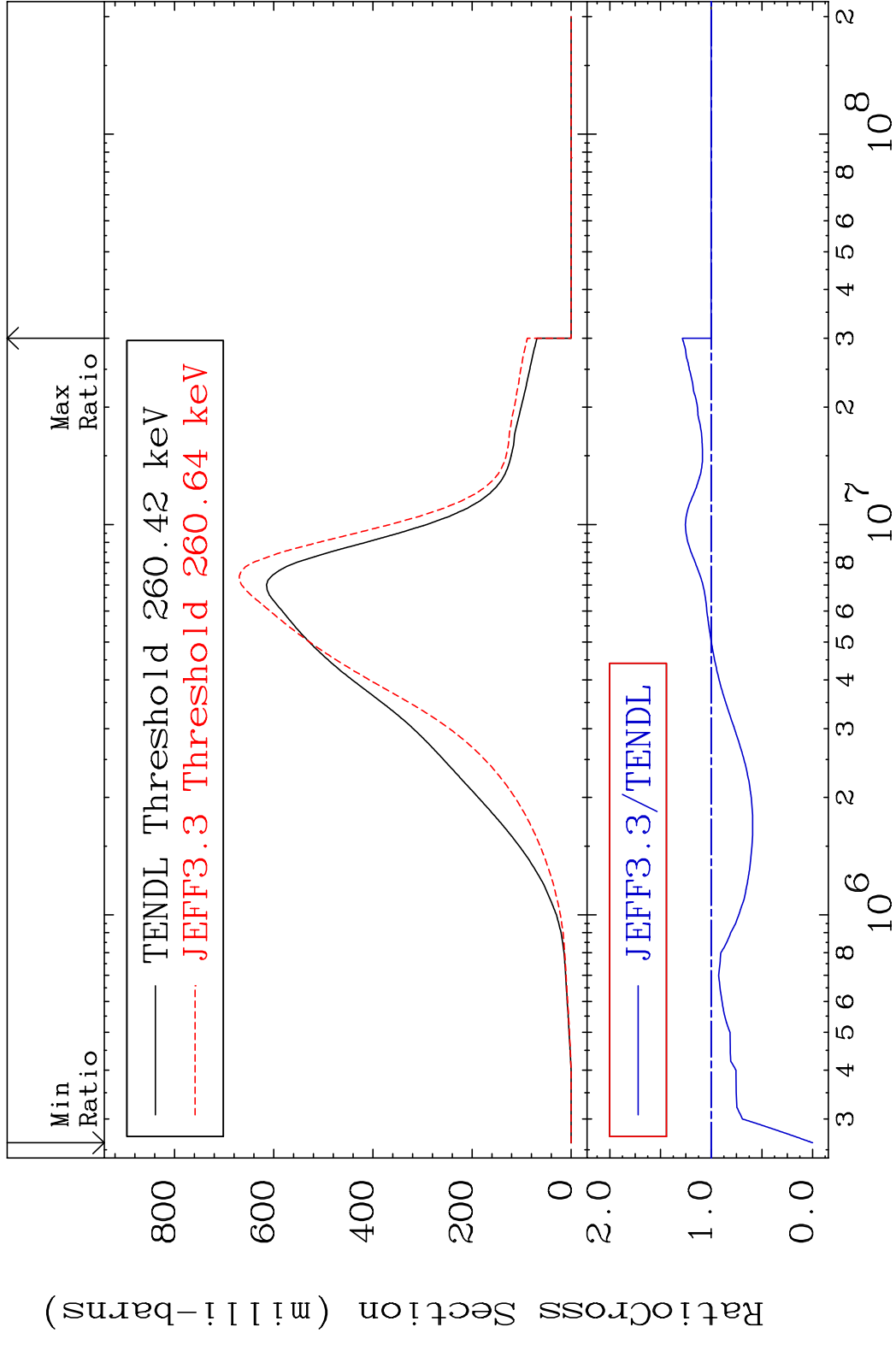
MAT 7840 (n,p):77-Ir-195g 78-Pt-195
 Radionuclide Production Cross Section Ratio 9999. %



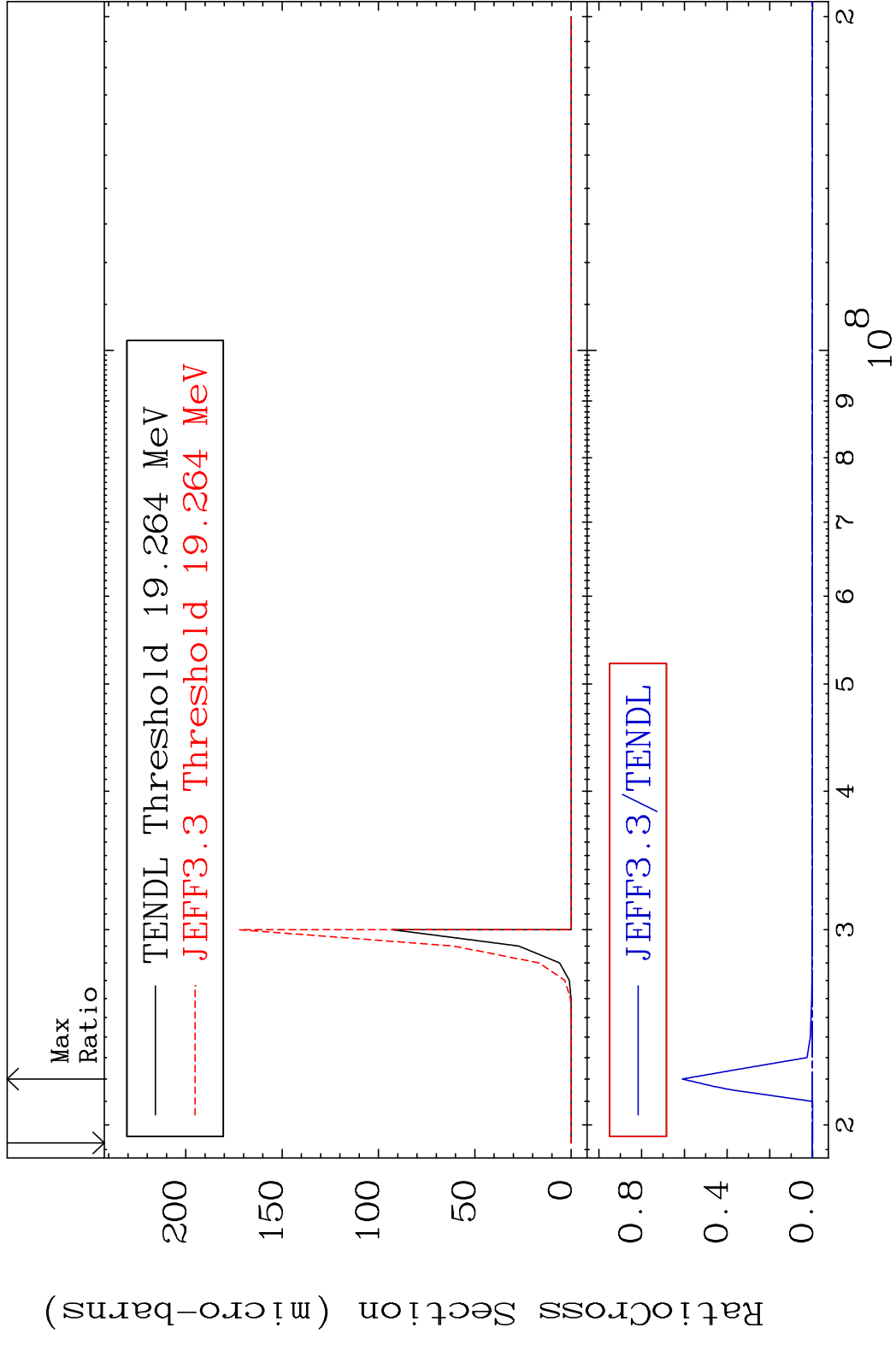


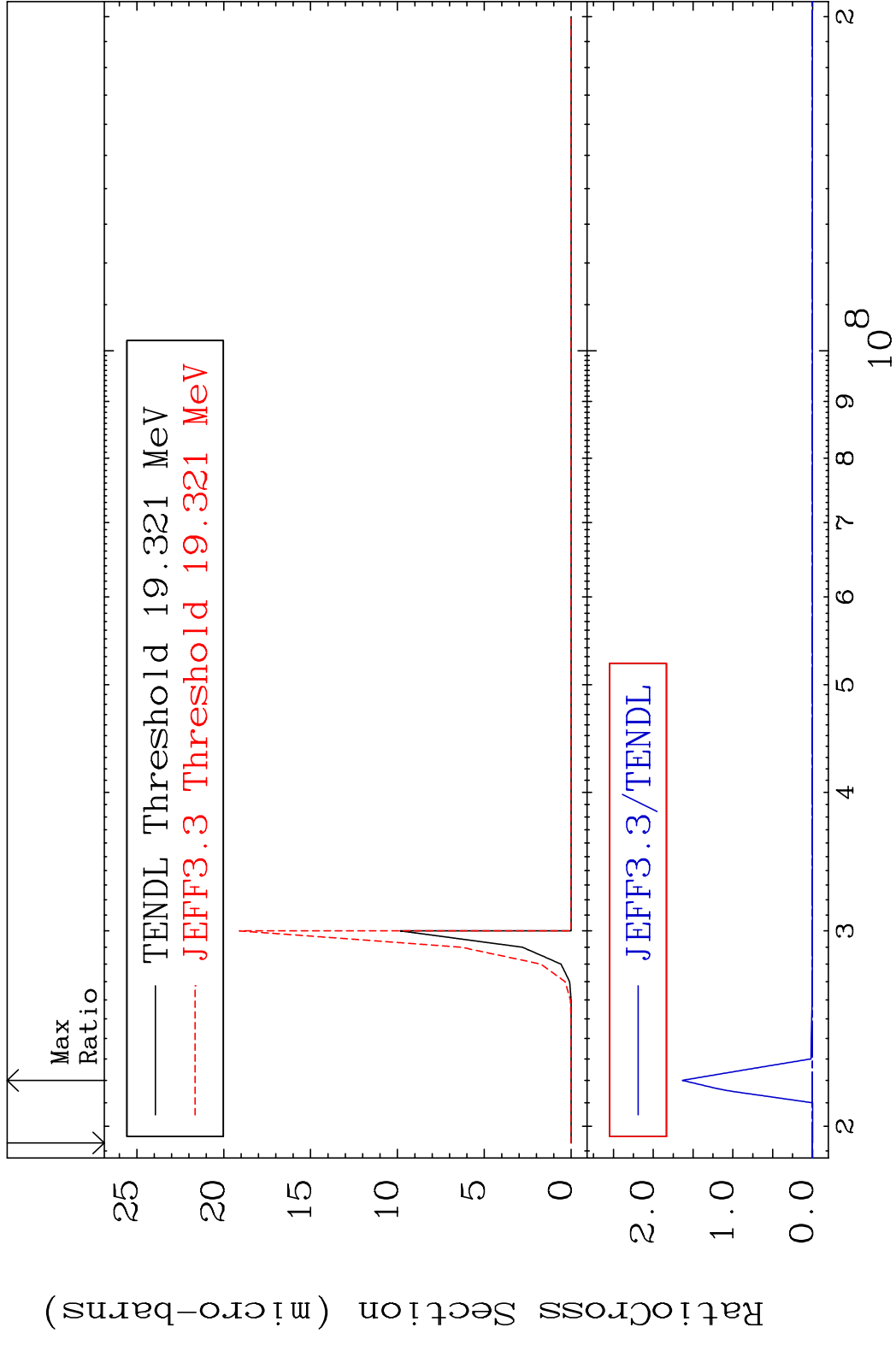




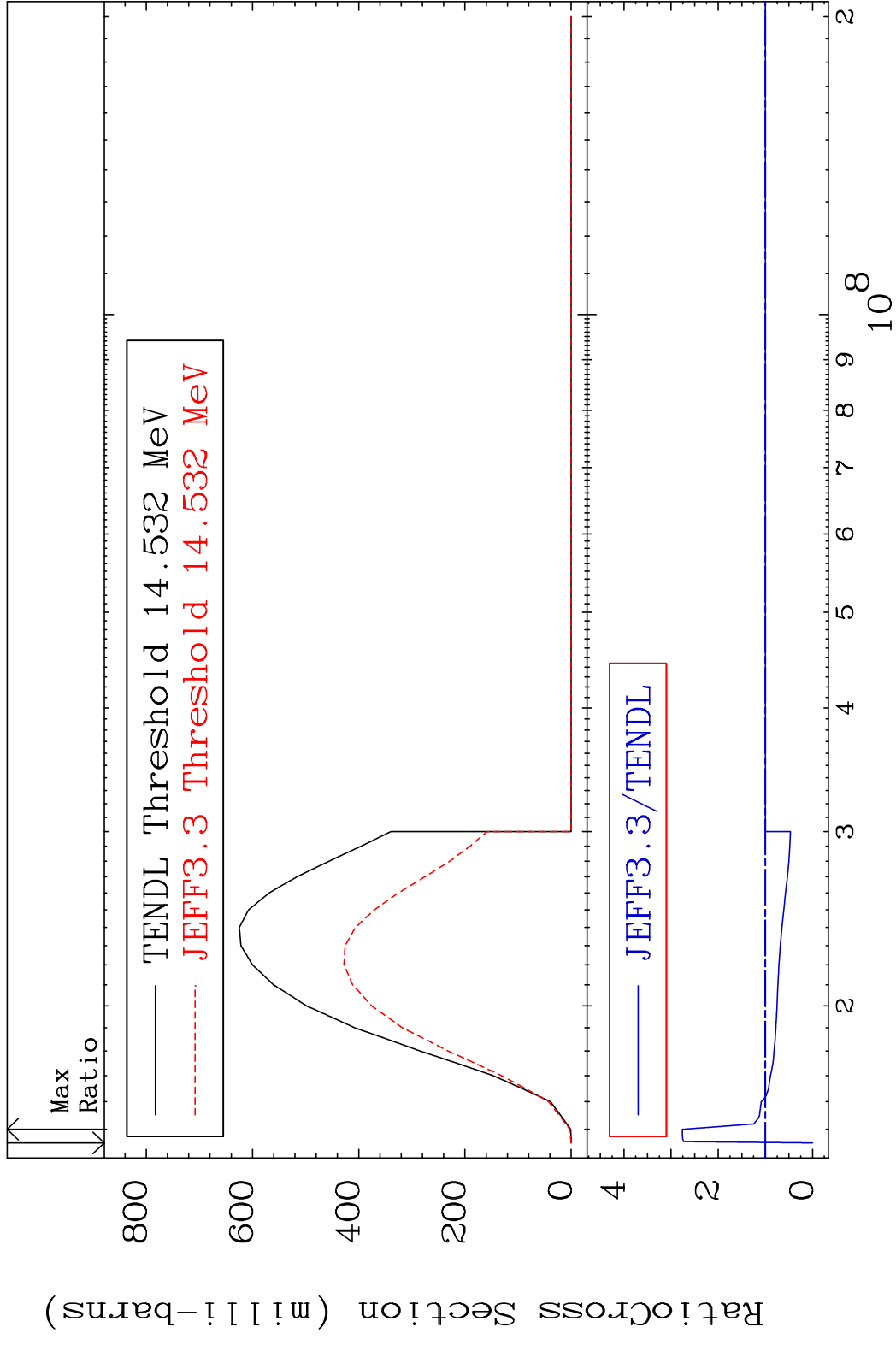


MAT 7840 (n,2n) d:77-Ir-192g 78-Pt-195
 Radionuclide Production Cross Section to 9999. %

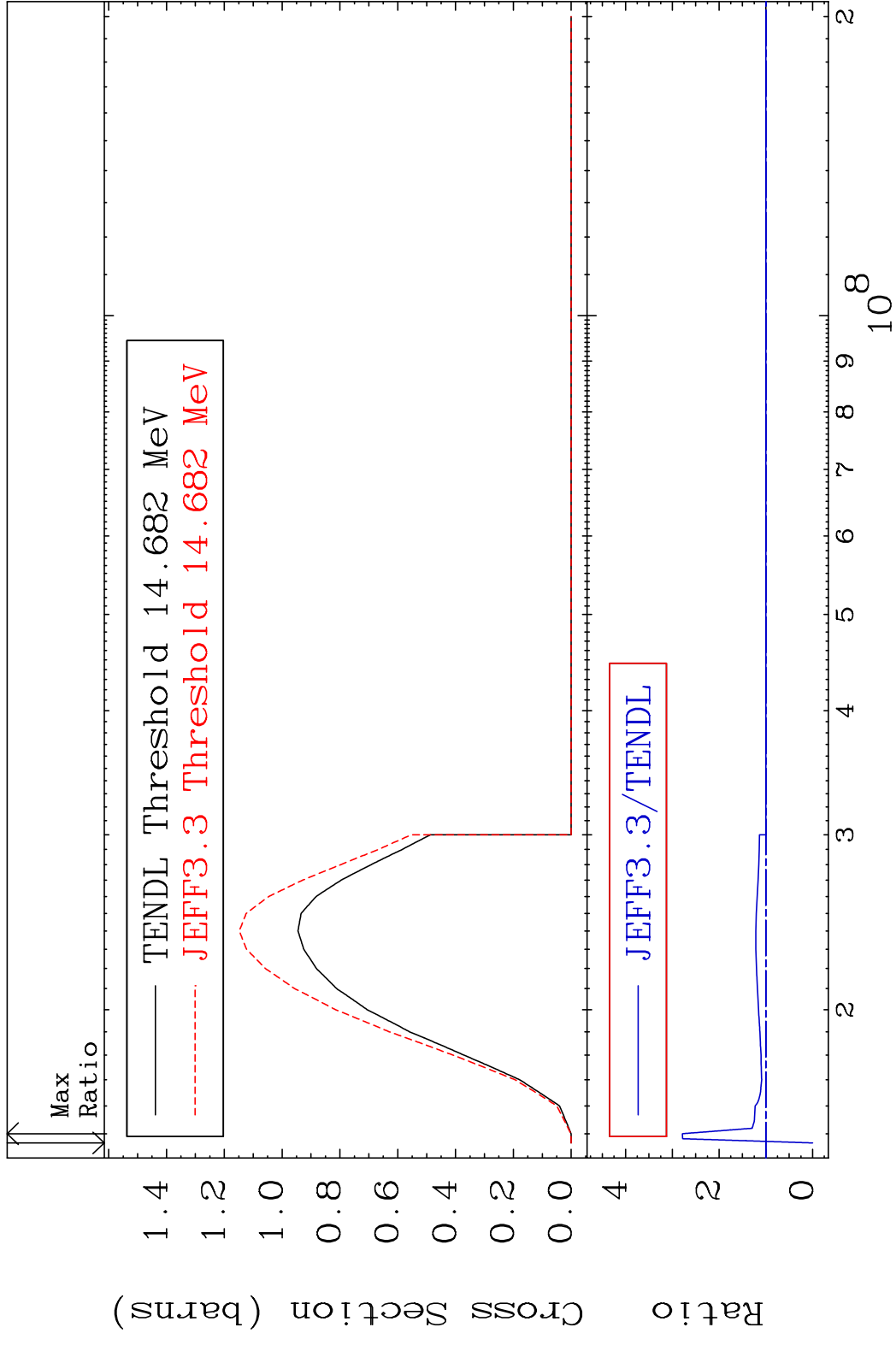


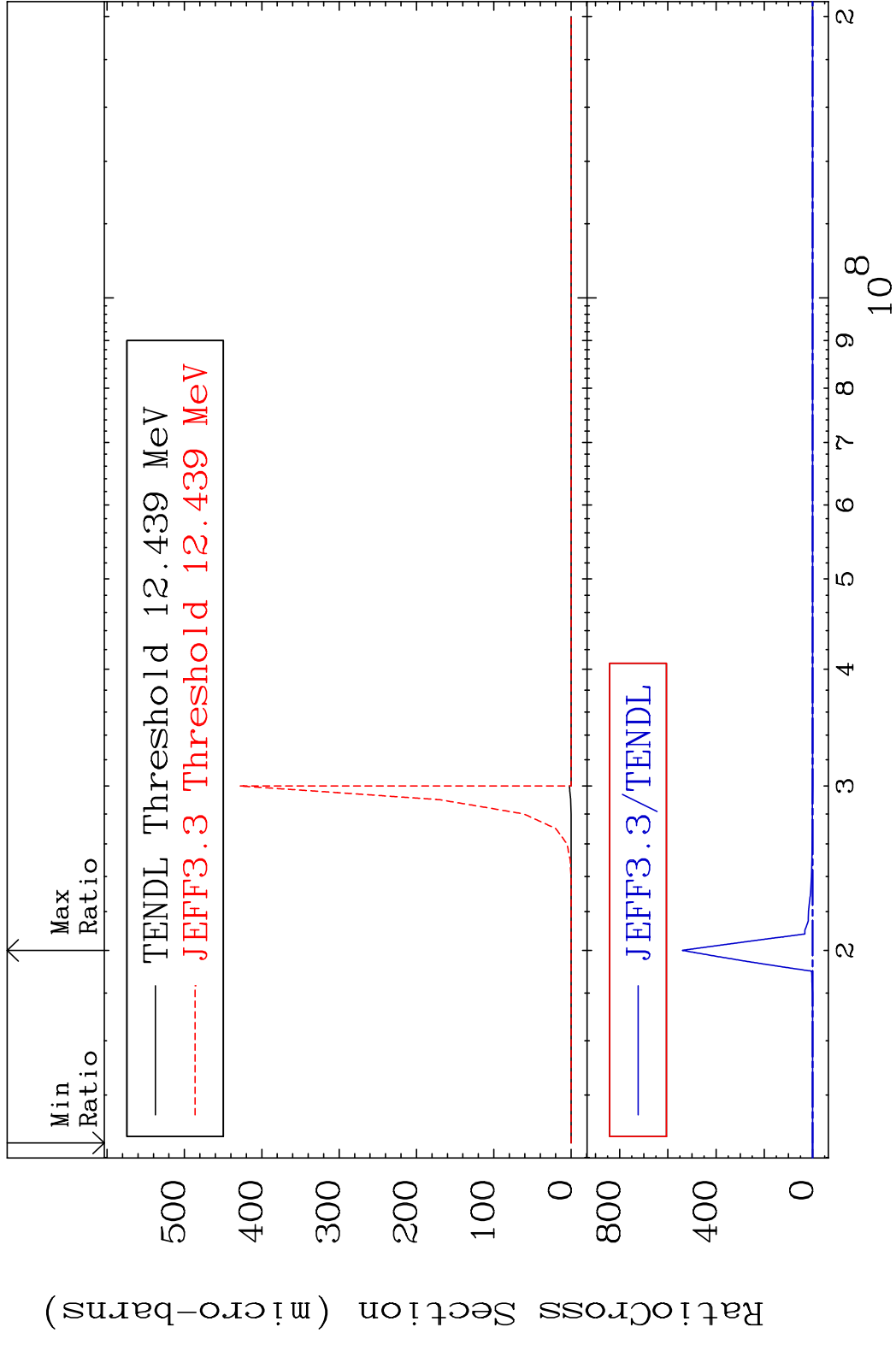


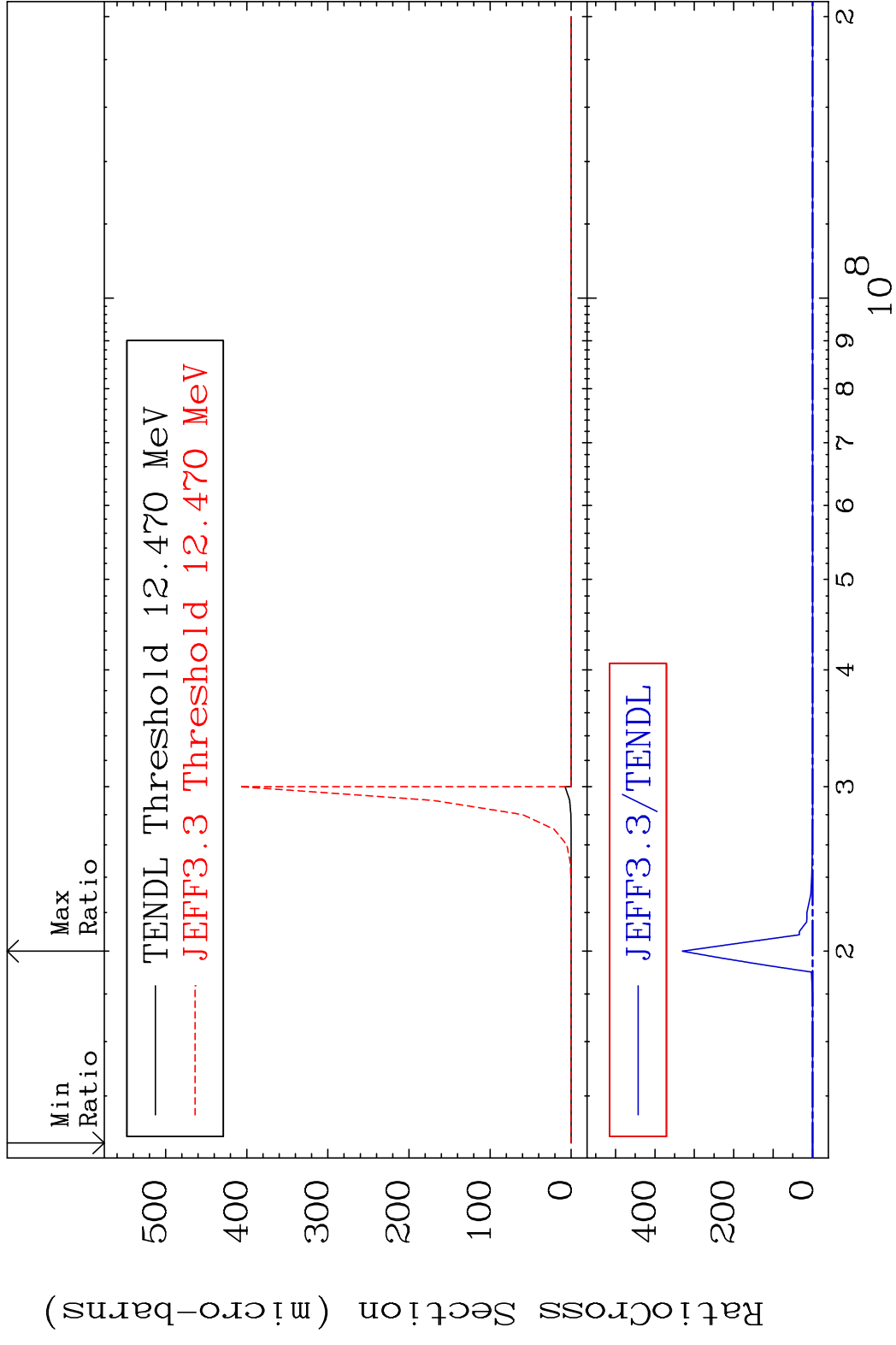
MAT 7840 (n,3n):78-Pt-193g 78-Pt-195
 Radionuclide Production Cross Section 180.0 mb 176.1 %

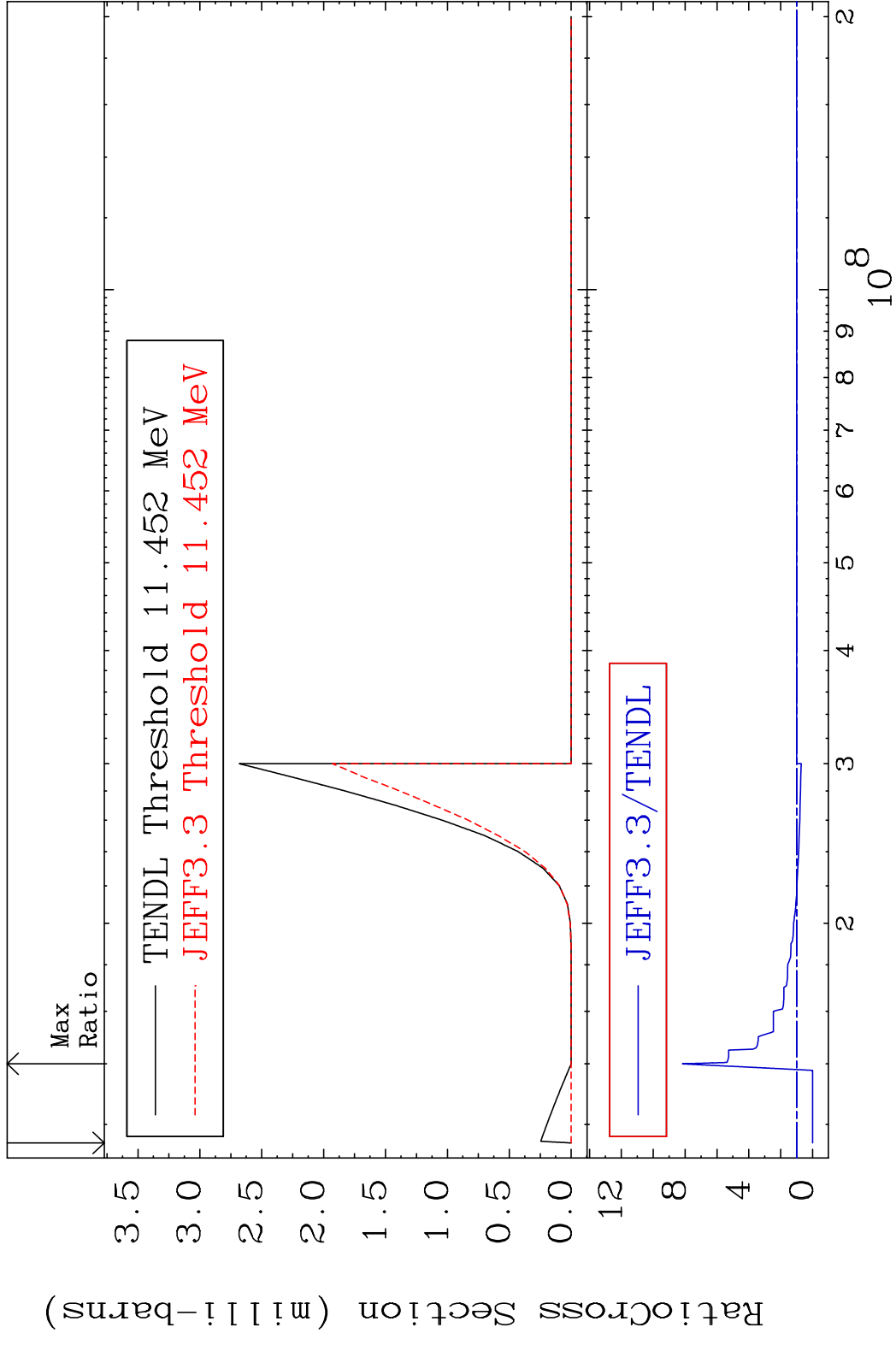


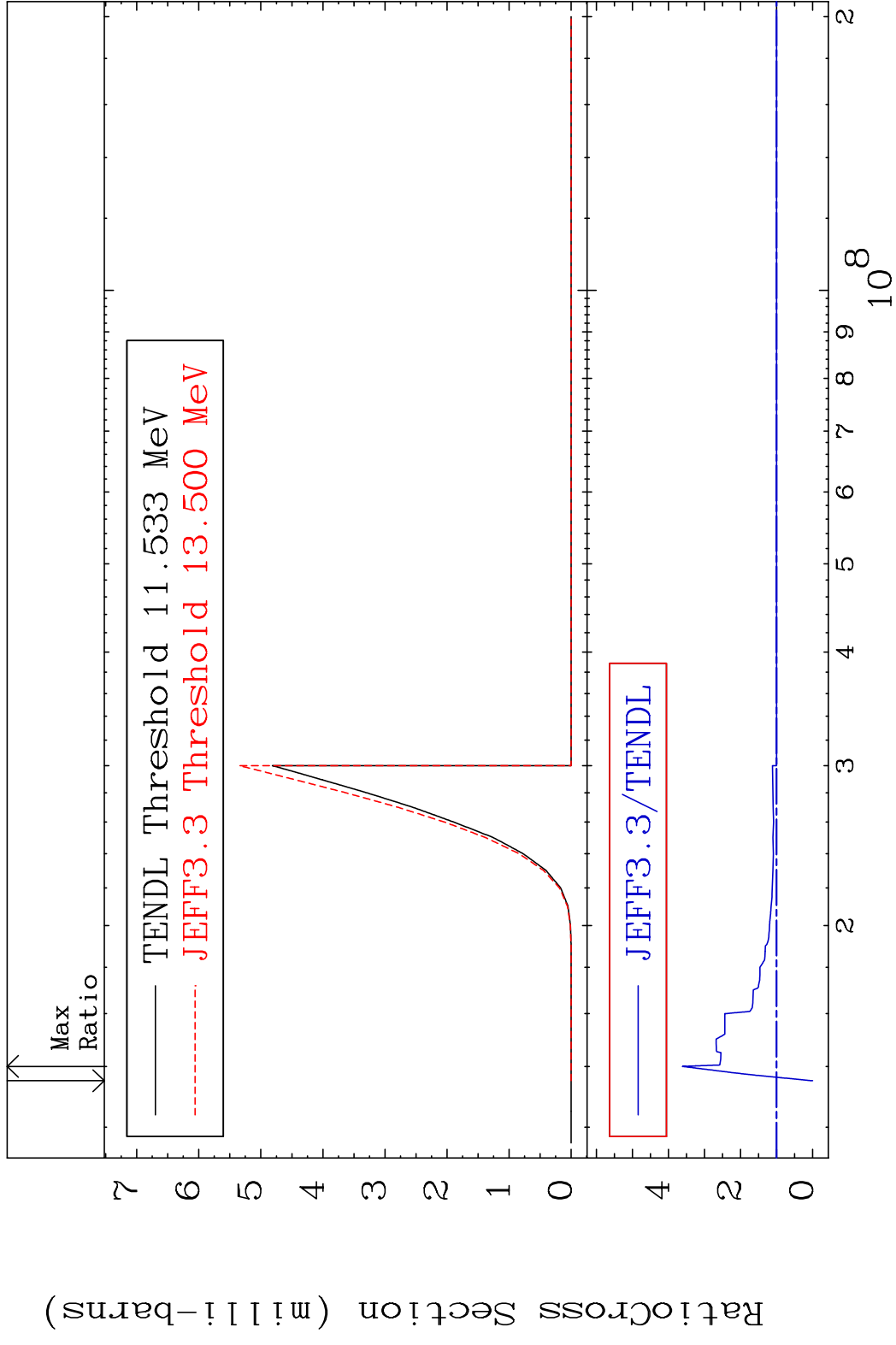
MAT 7840 (n, 3n): 78-Pt-193m5 78-Pt-195
 Radionuclide Production Cross Section 180.0 dth 178.6 %



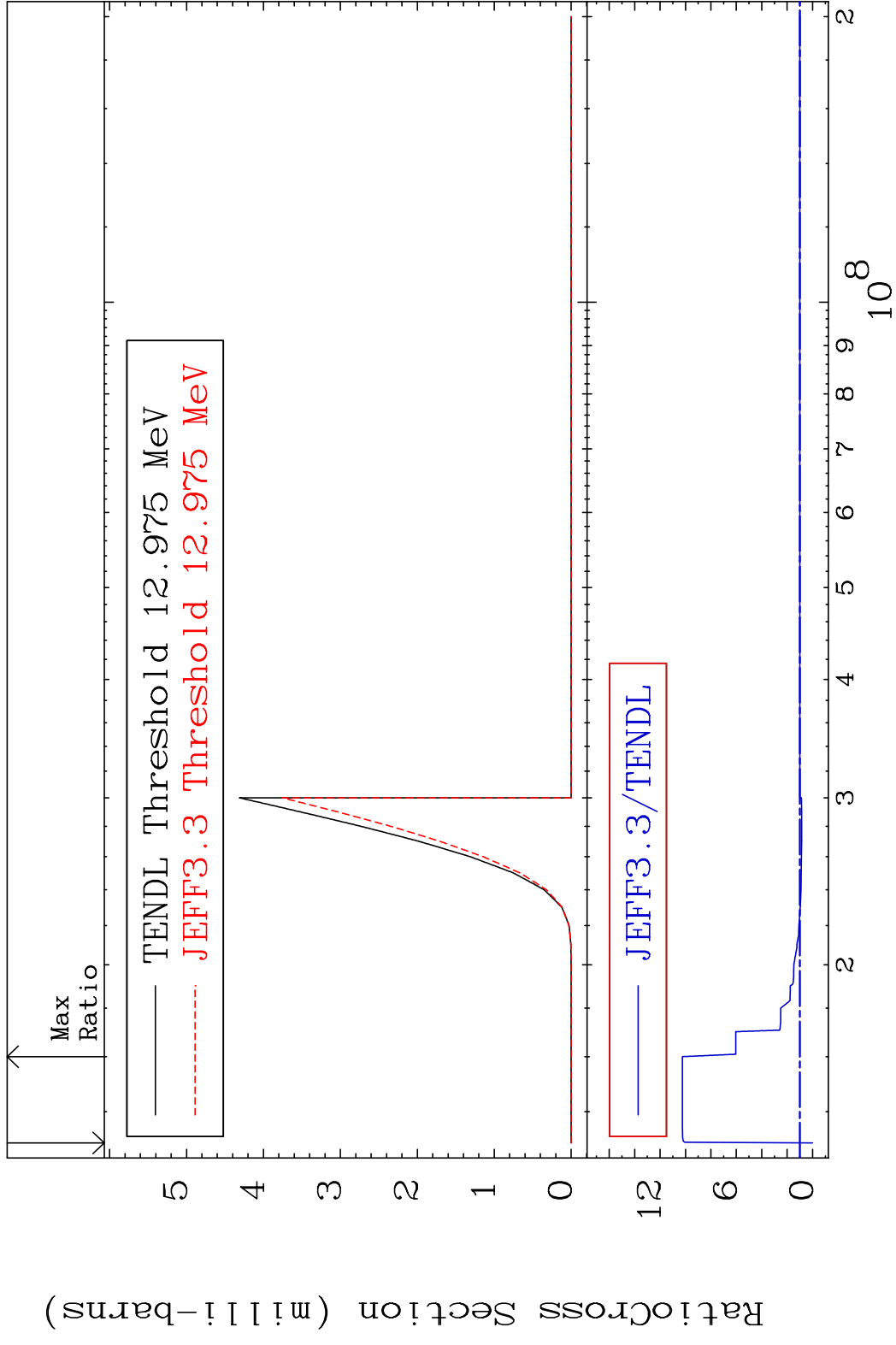


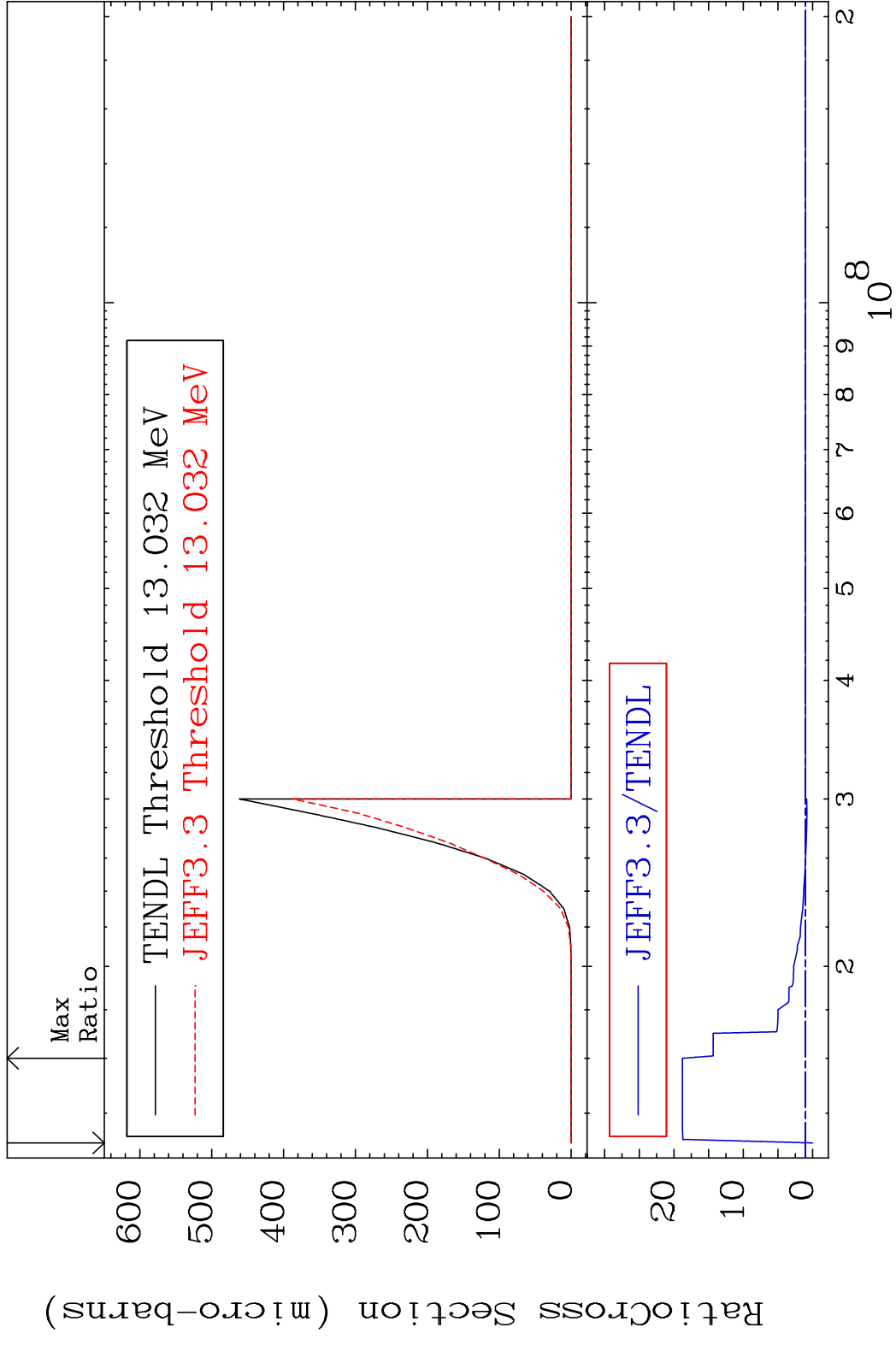


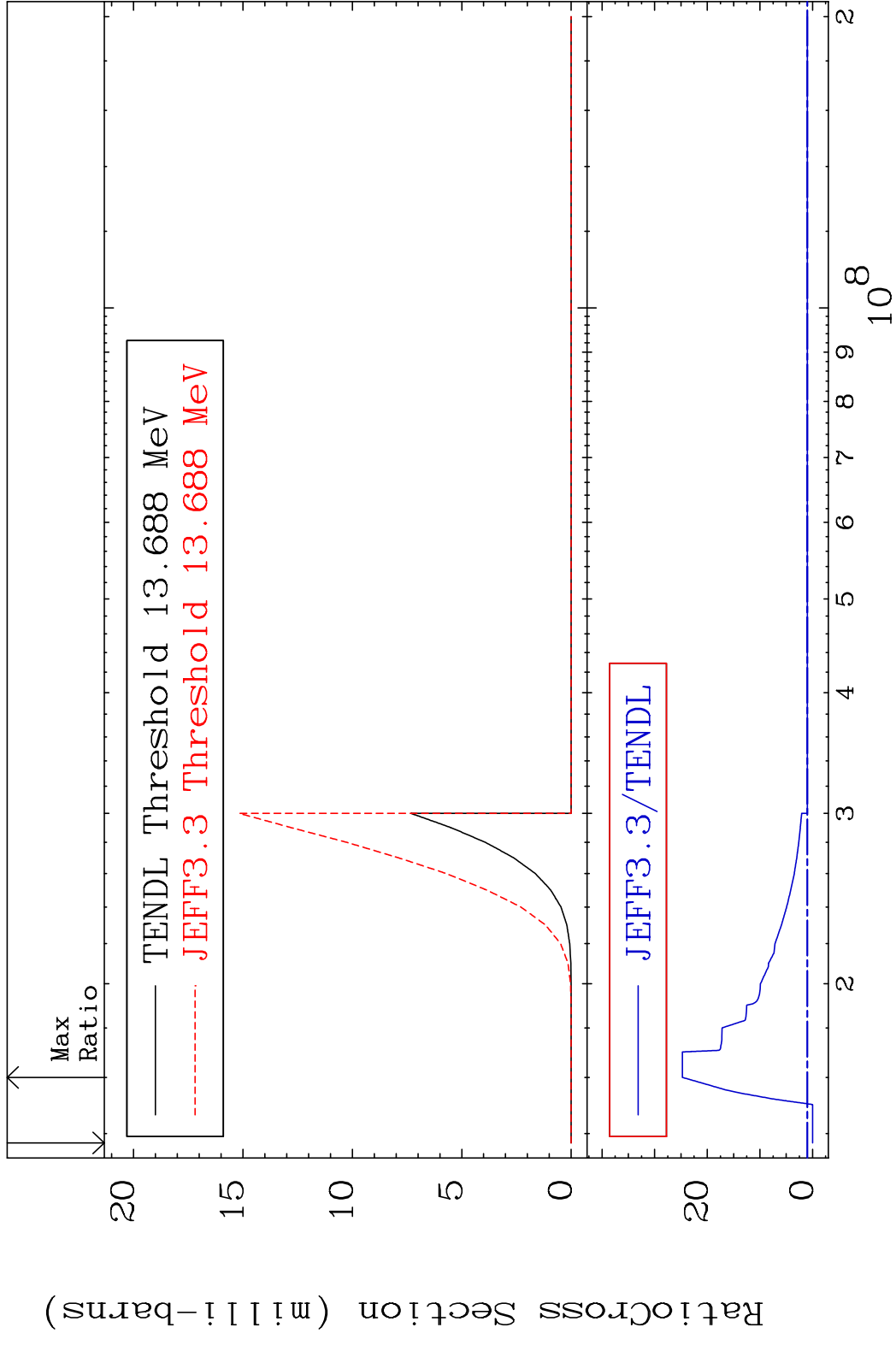


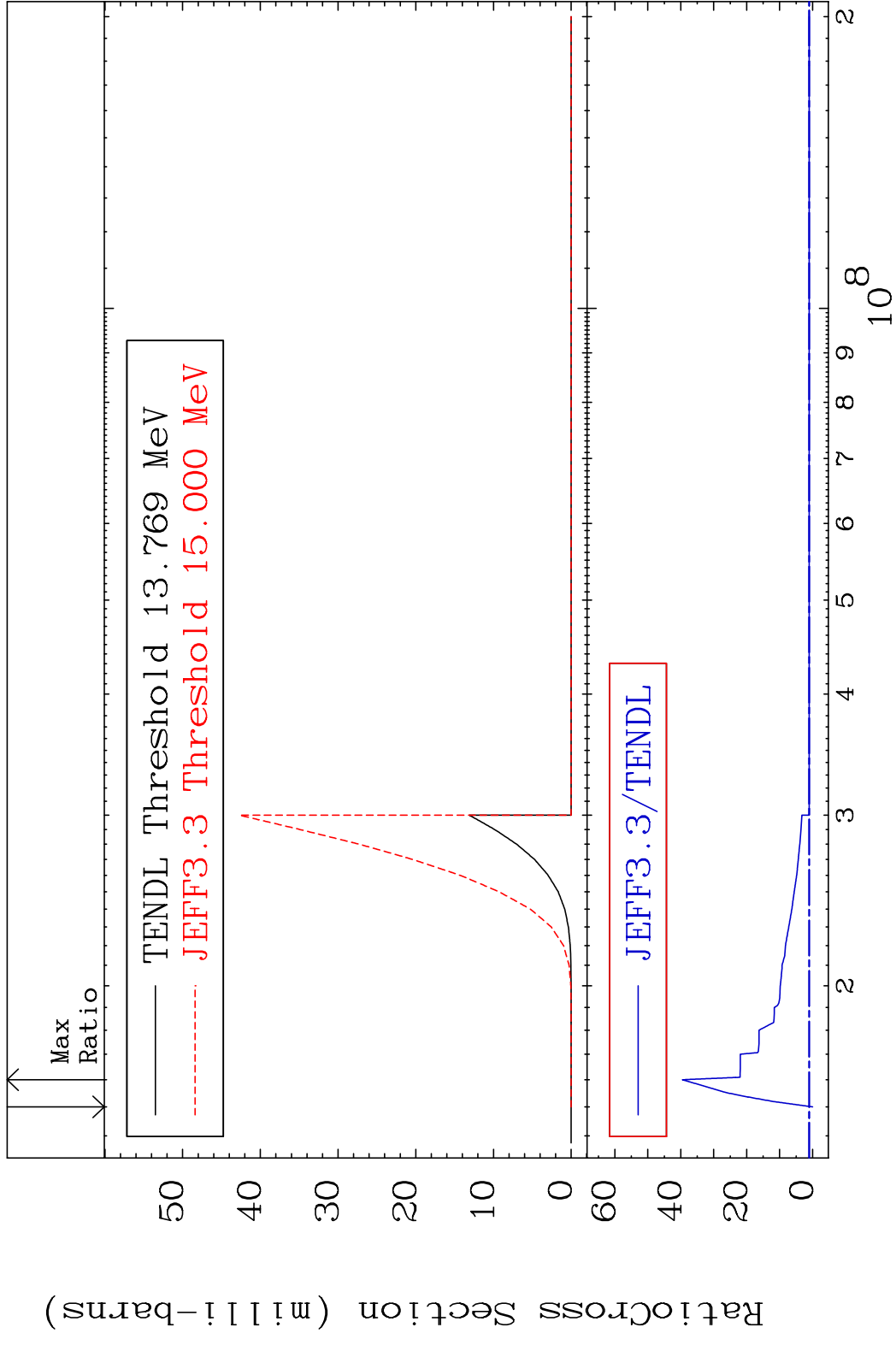


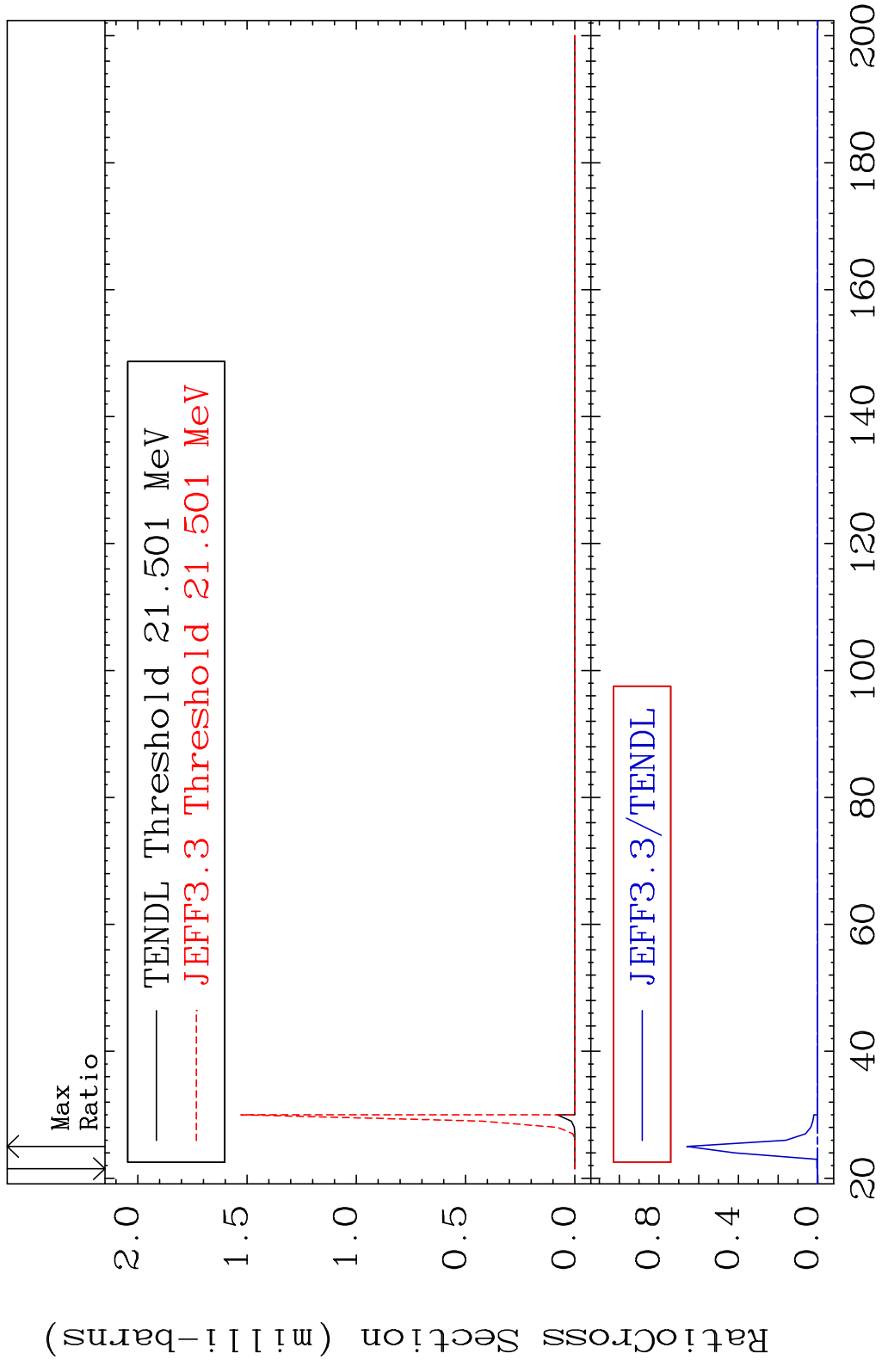
MAT 7840 (n, n') t:77-Ir-192g 78-Pt-195
 Radionuclide Production Cross Section 180.01 dth 924.6 %

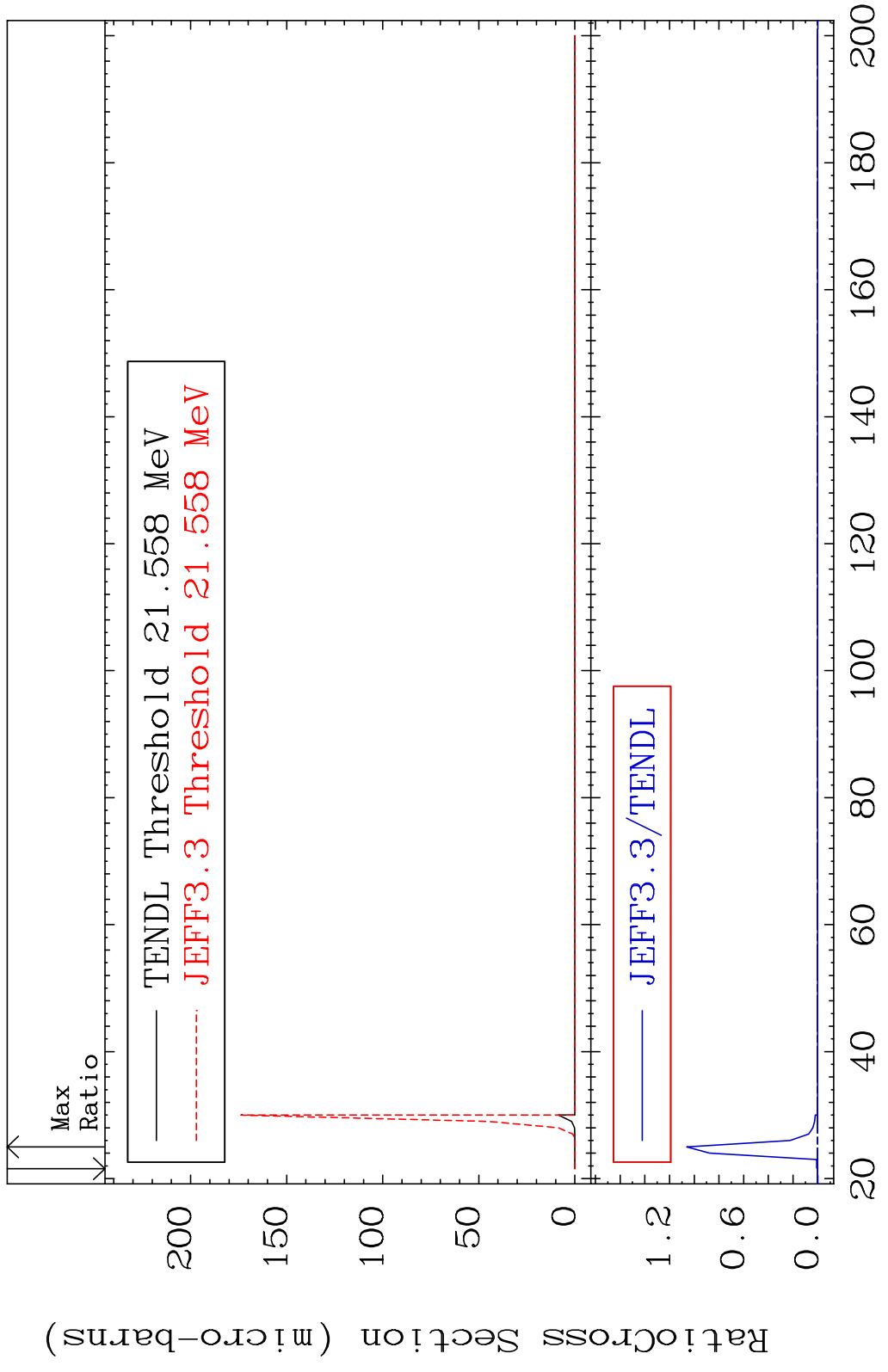


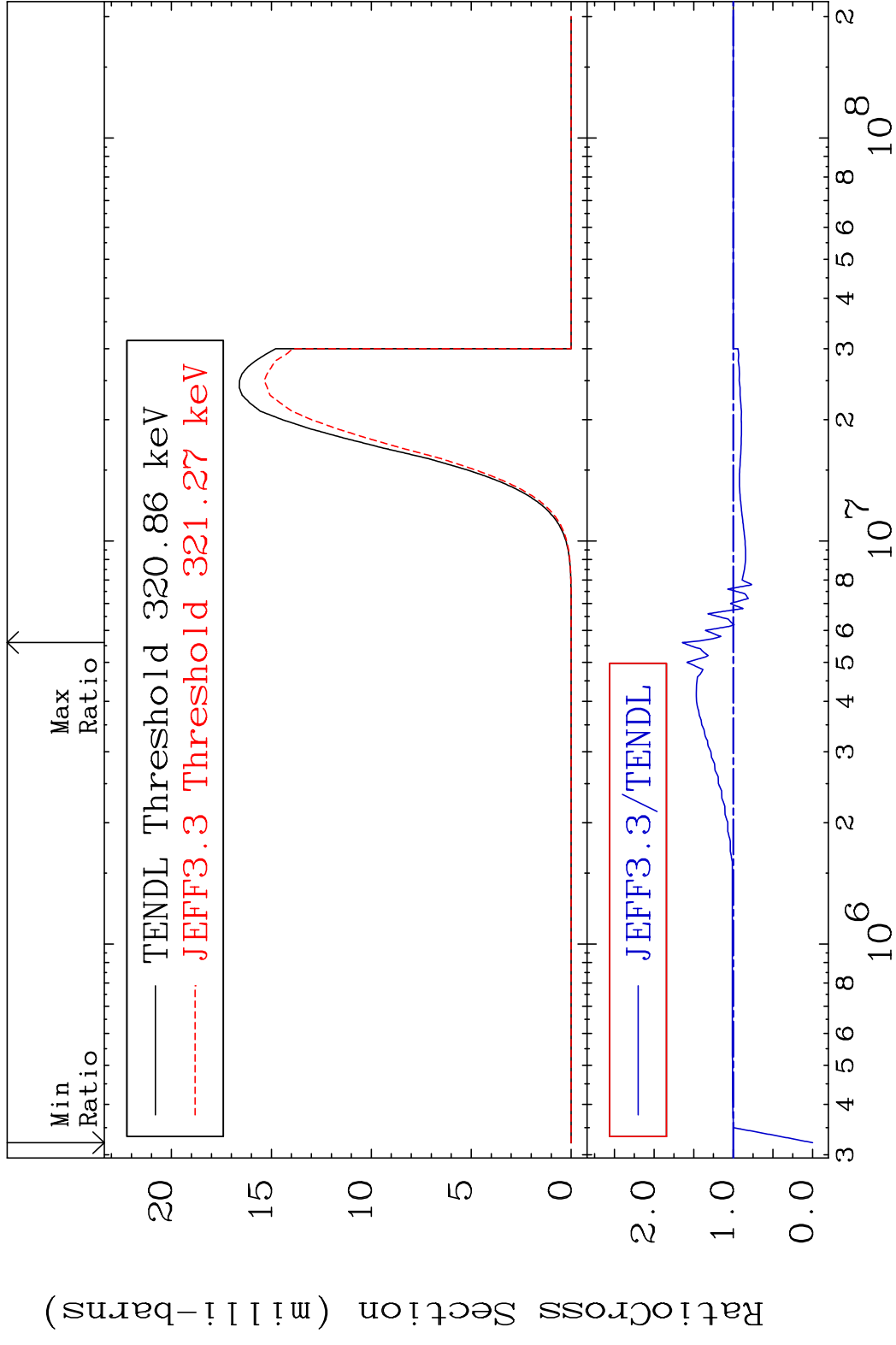


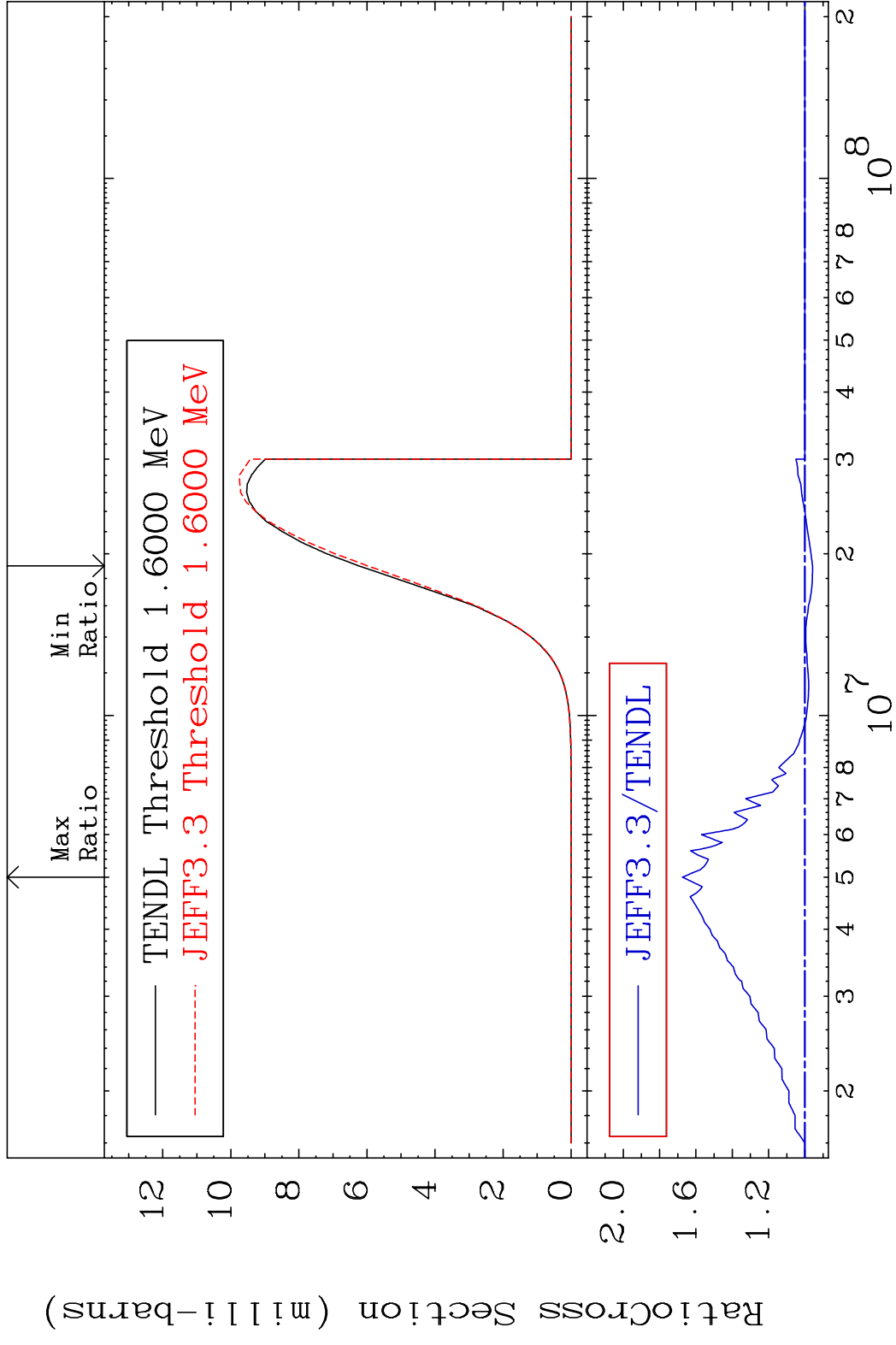


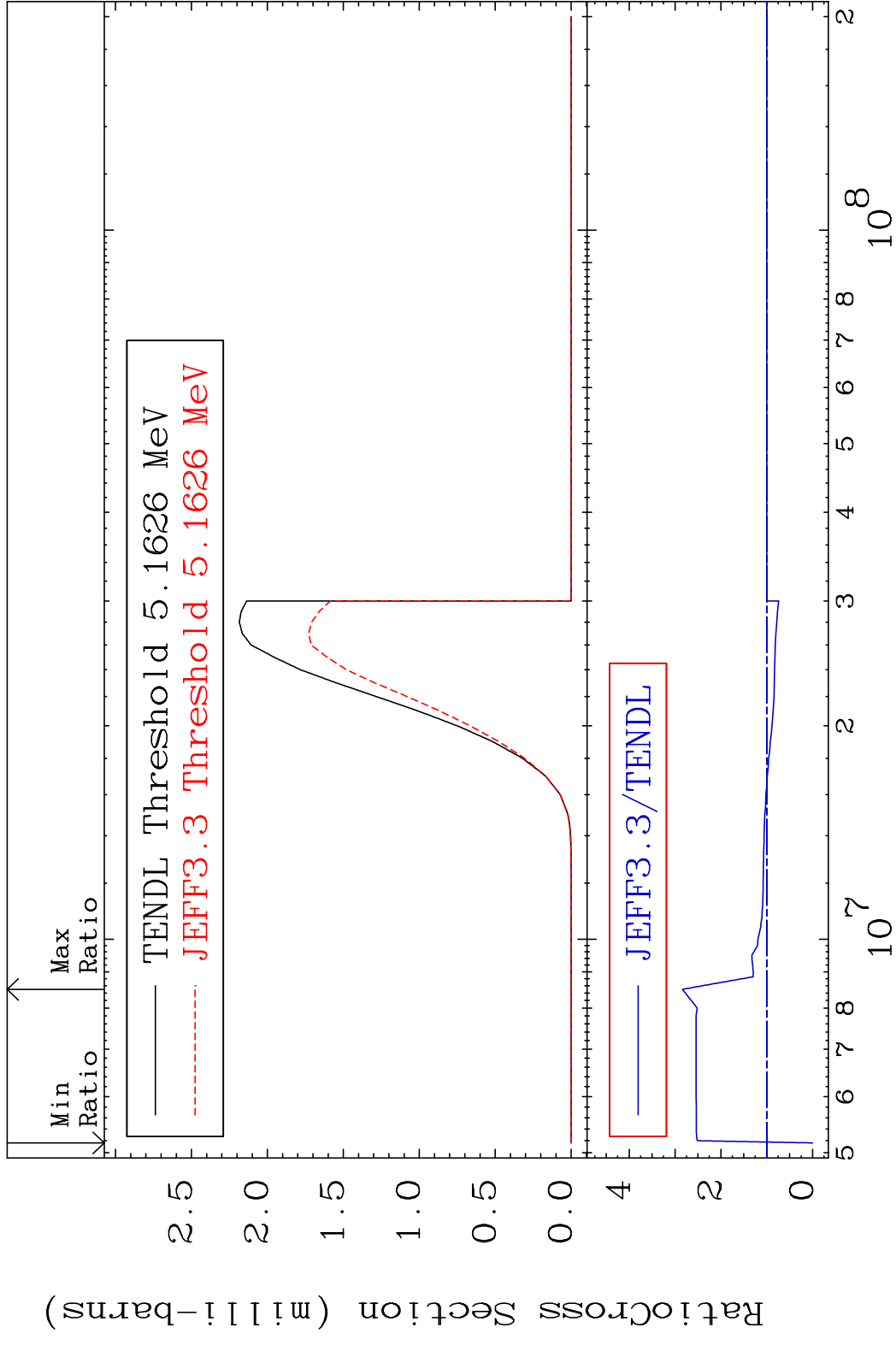












MAT 7840 (n, t): 77-Ir-193m2 78-Pt-195
 Radionuclide Production Cross Section 180.6 %

