

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

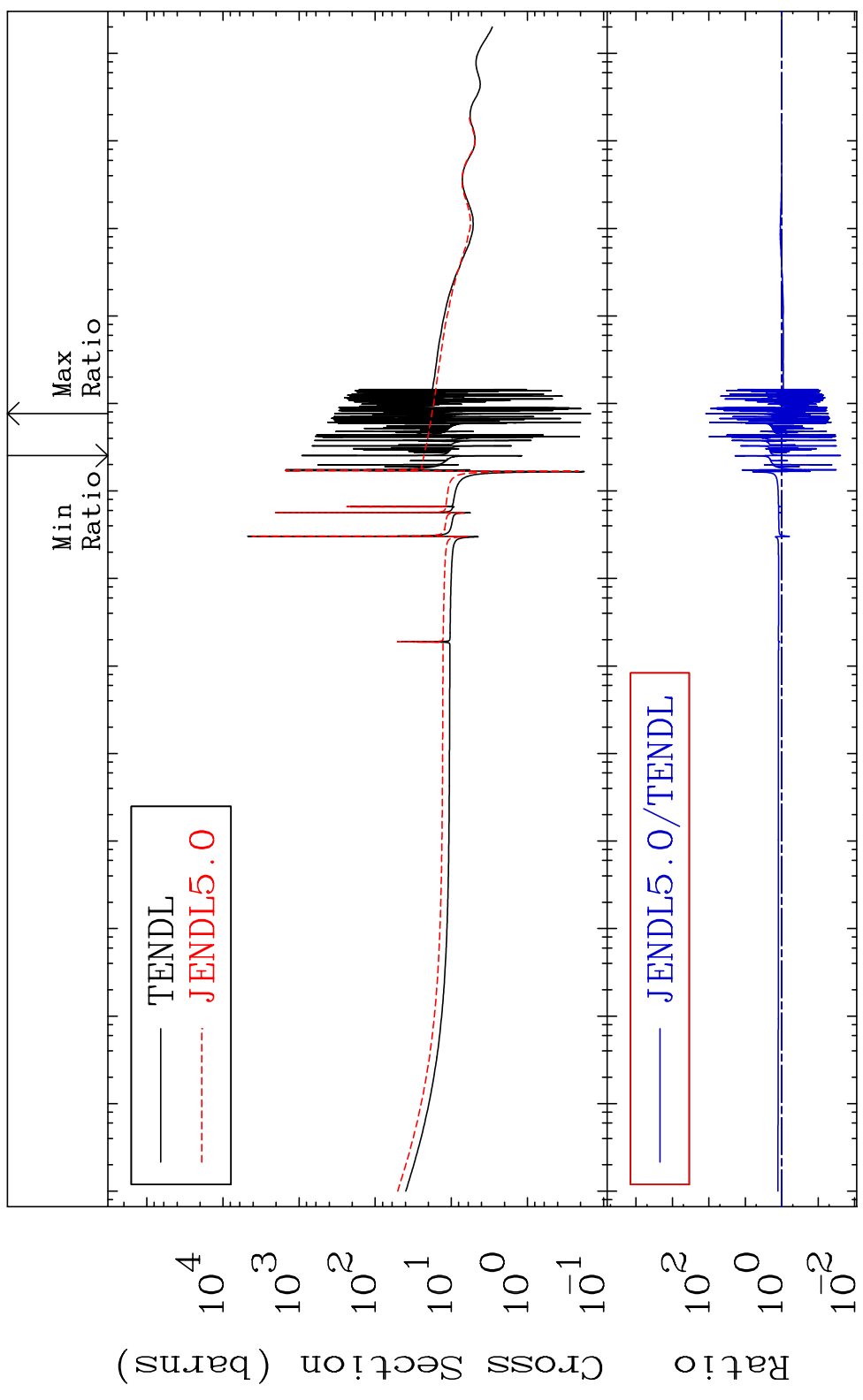
MAT 7843

Total

78-Pt-196

Cross Section

-97.53 To 9999. %



1

Incident Energy (eV)

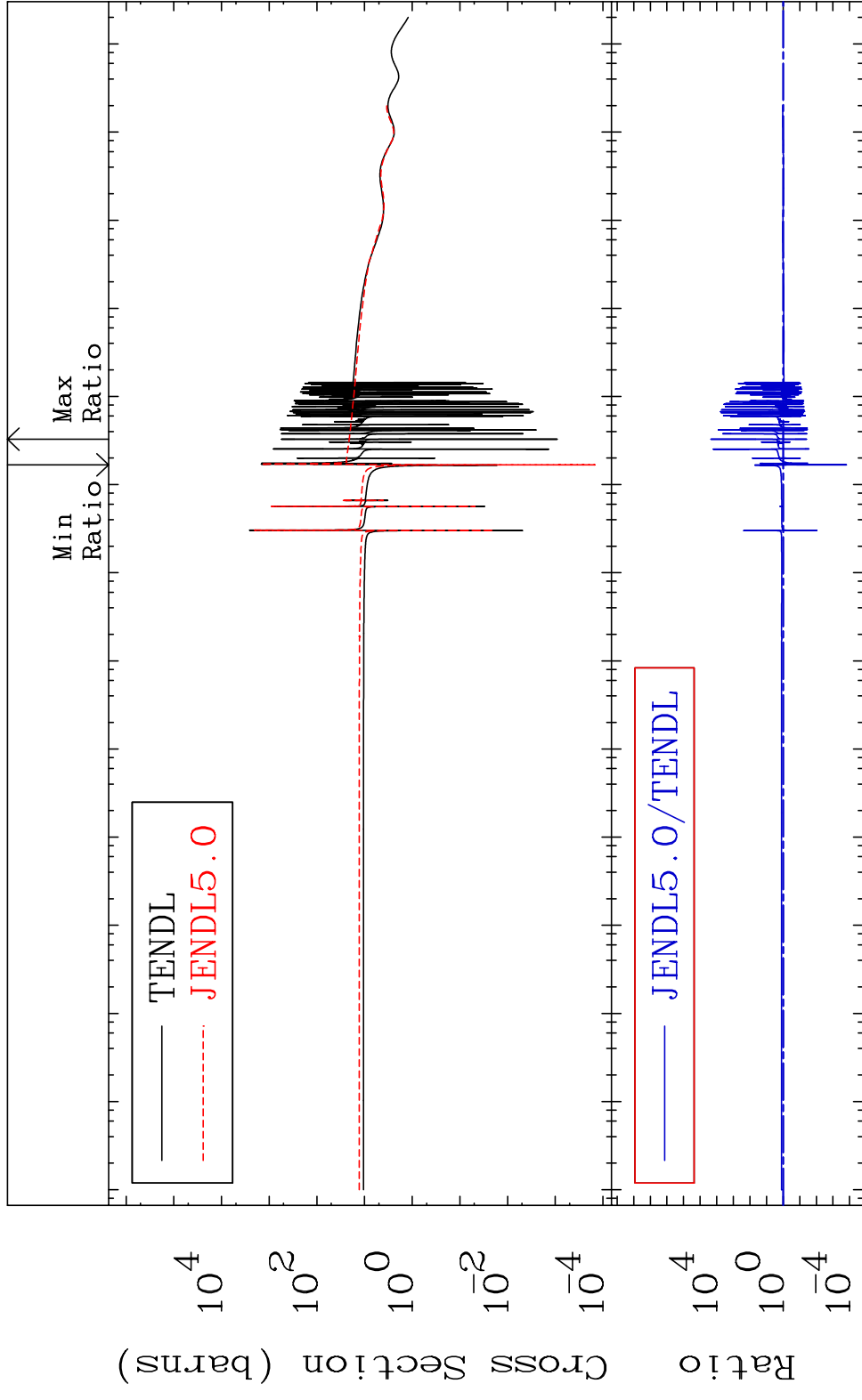
78-Pt-196

MAT 7843

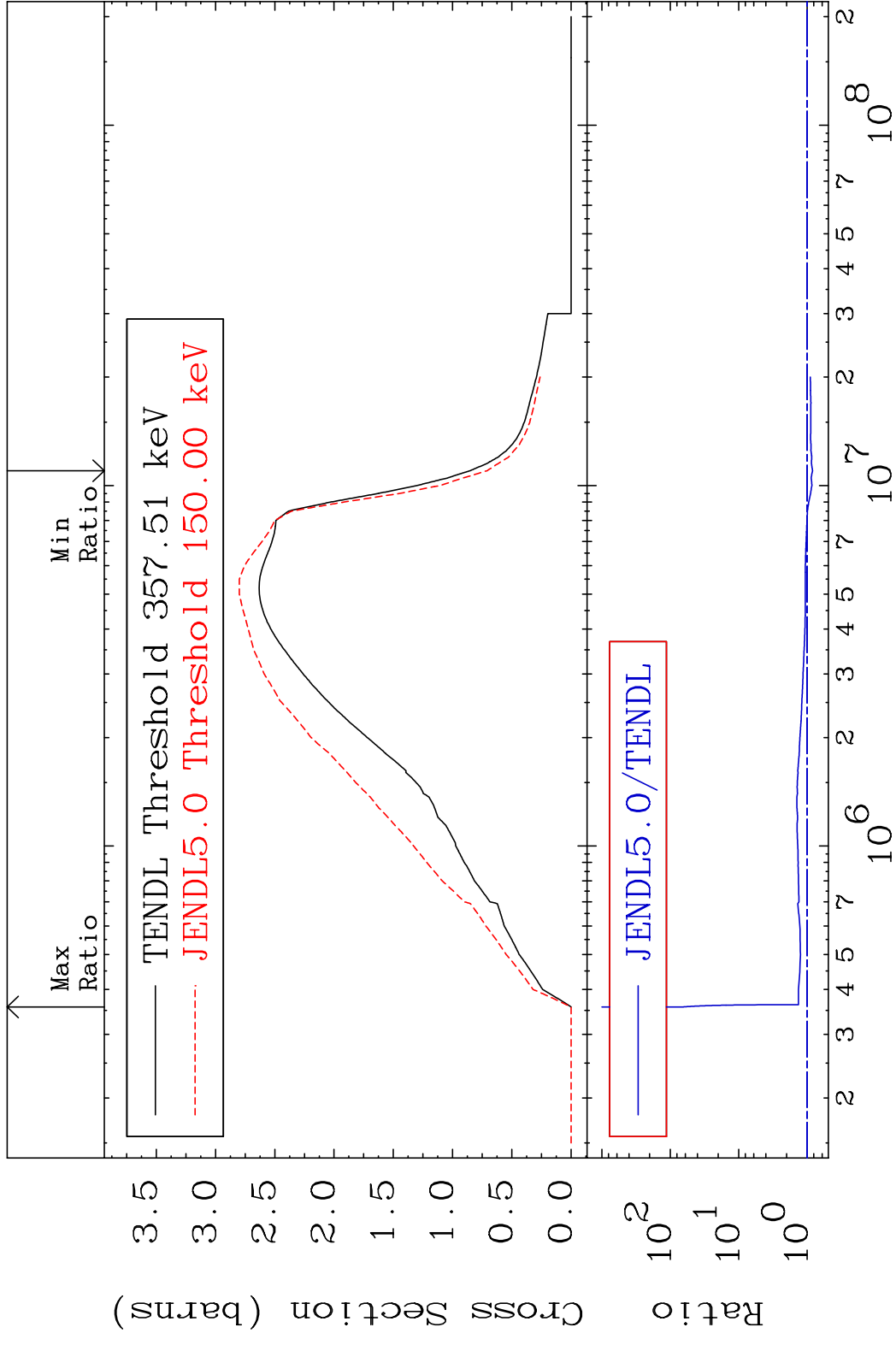
Elastic

78-Pt-196

Cross Section -99.98 To 9999. %



MAT 7843 Inelastic 78-Pt-196
 Cross Section -16.76 To 6555. %

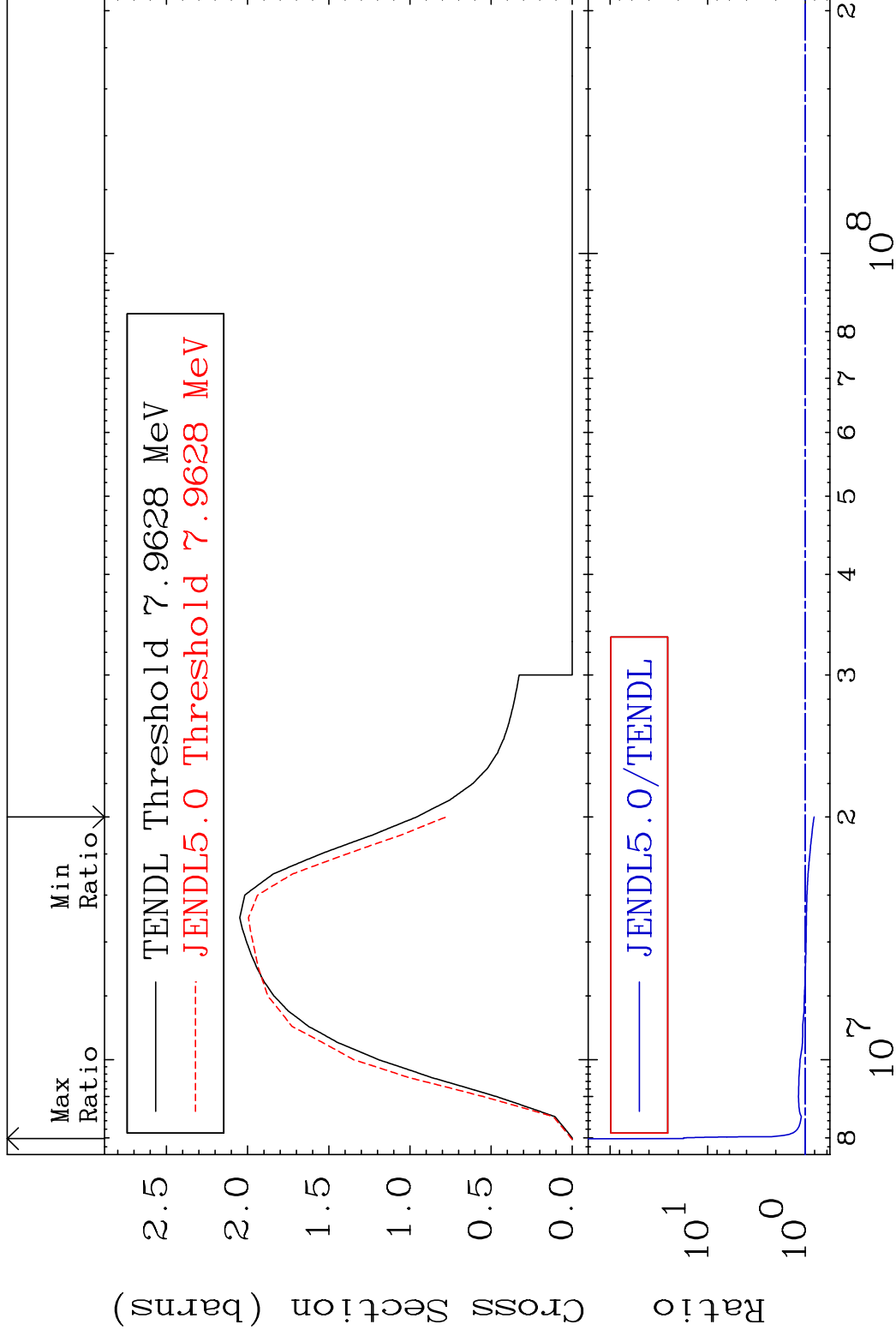


MAT 7843

(n,2n)

78-Pt-196

Cross Section -18.88 To 1662. %



4

Incident Energy (eV)

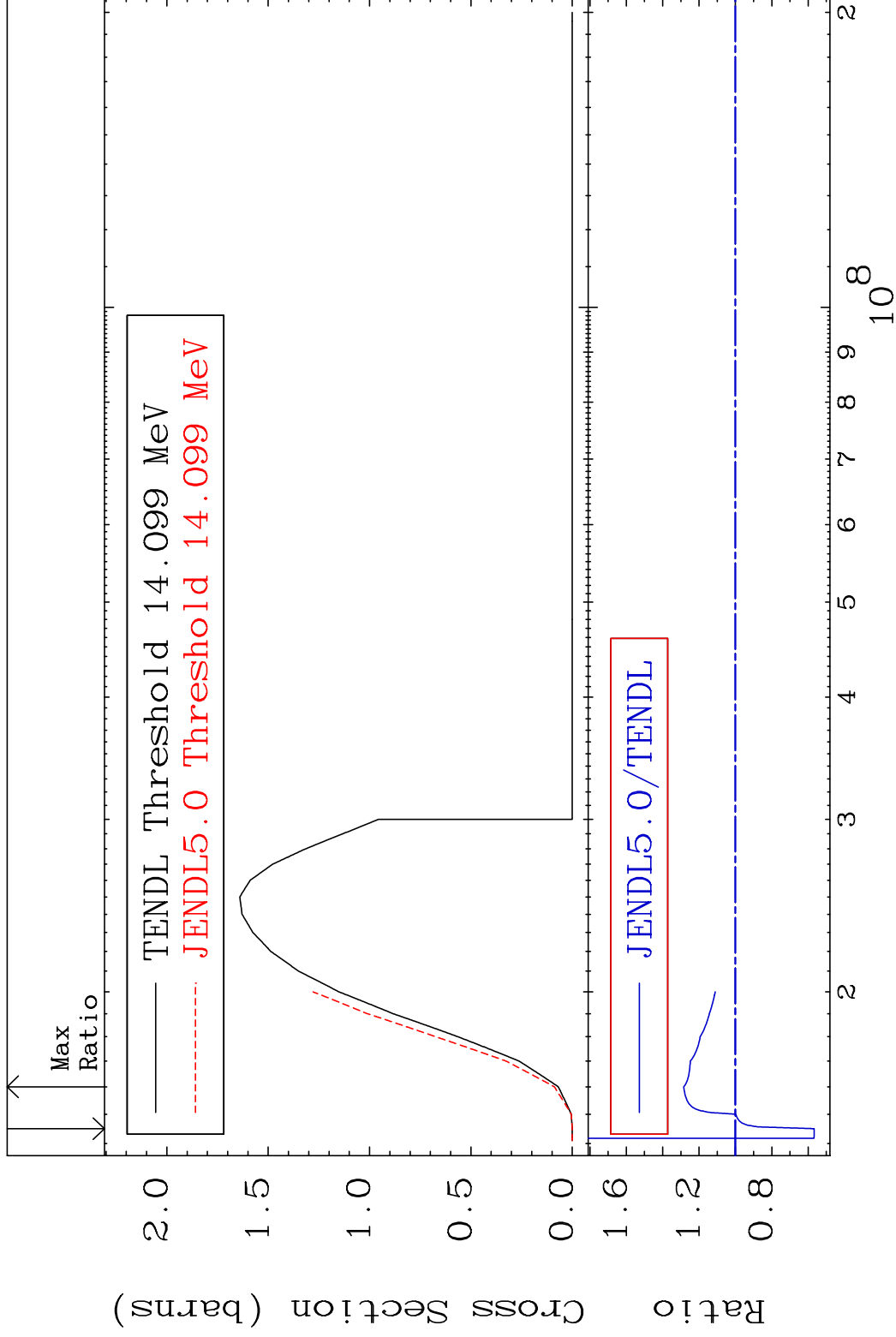
78-Pt-196

MAT 7843

(n,3n)

78-Pt-196

Cross Section -43.28 To 28.46 %



5

Incident Energy (eV)

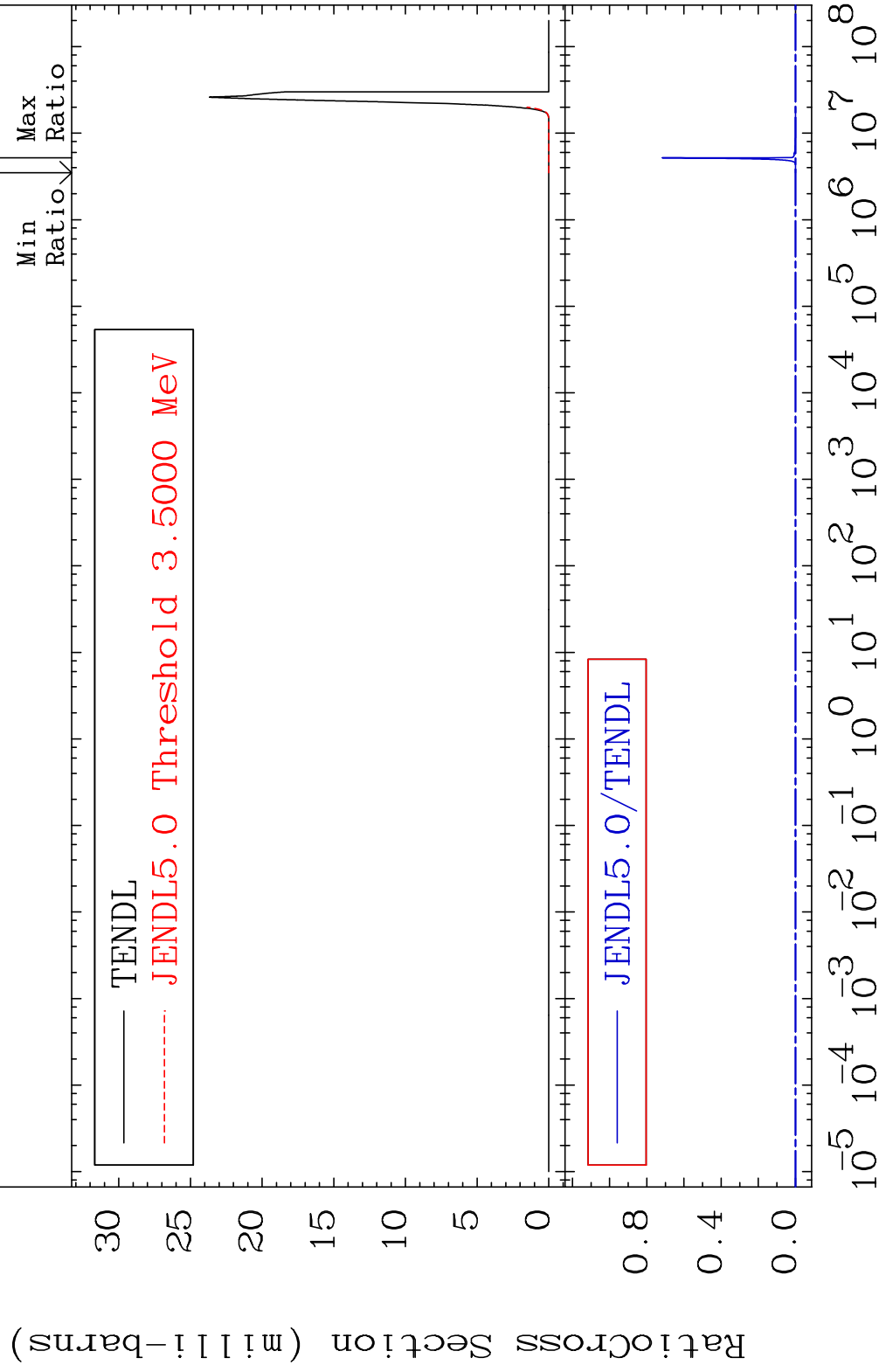
78-Pt-196

MAT 7843

(n, n') α

78-Pt-196

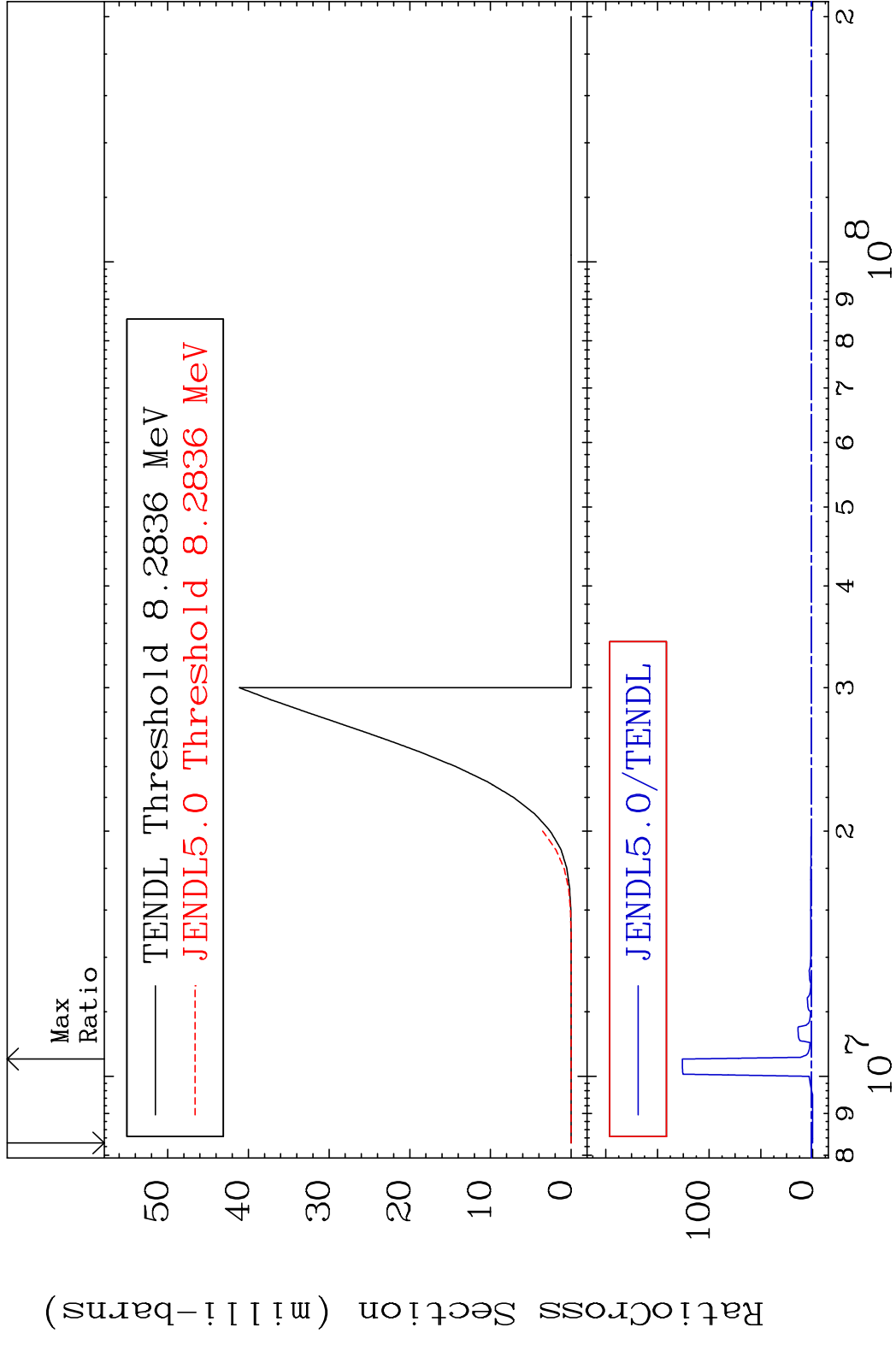
Cross Section -100.0 To 9999. %



MAT 7843

(n, n') p 78-Pt-196

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

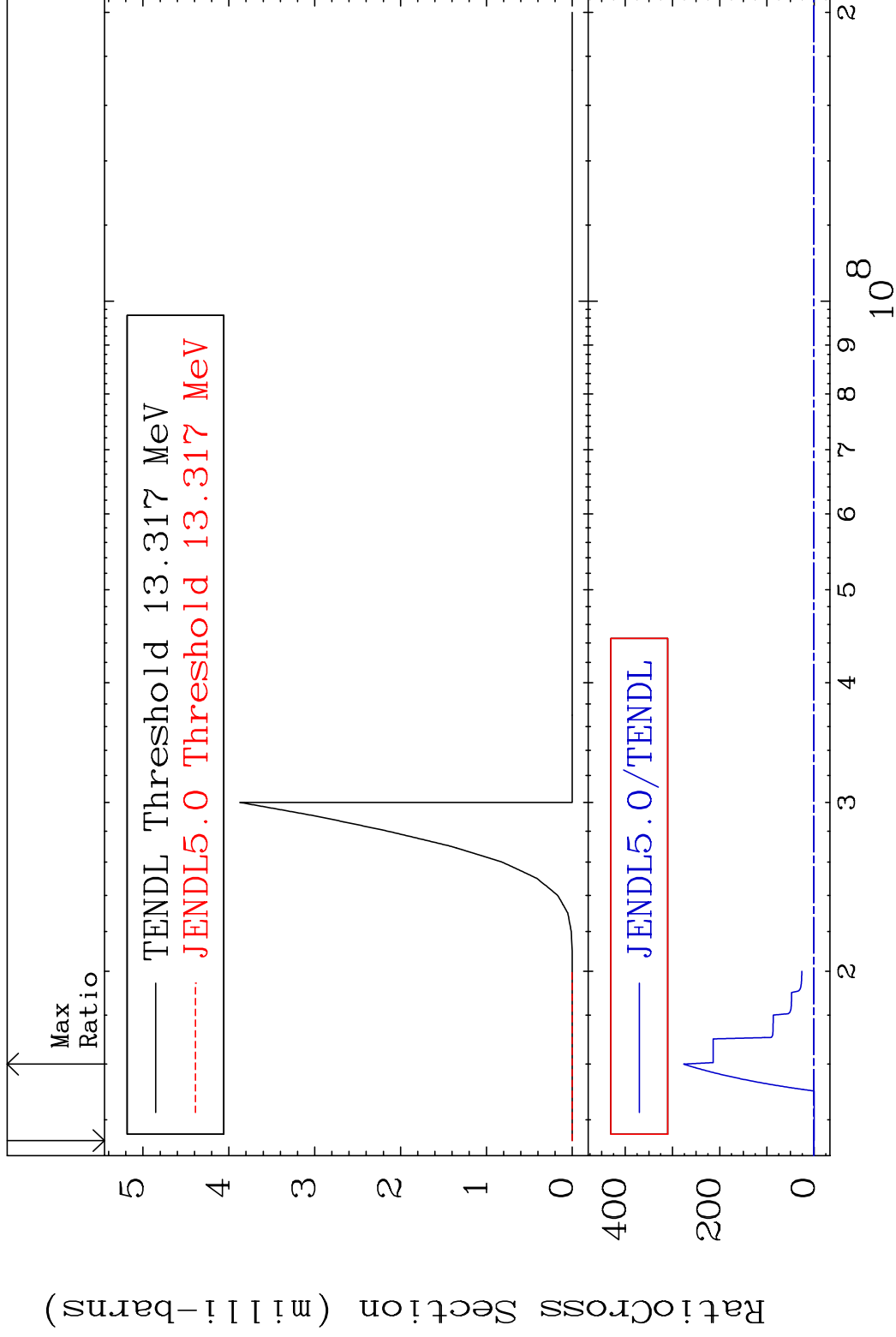
78-Pt-196

MAT 7843

(n, n') d

78-Pt-196

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

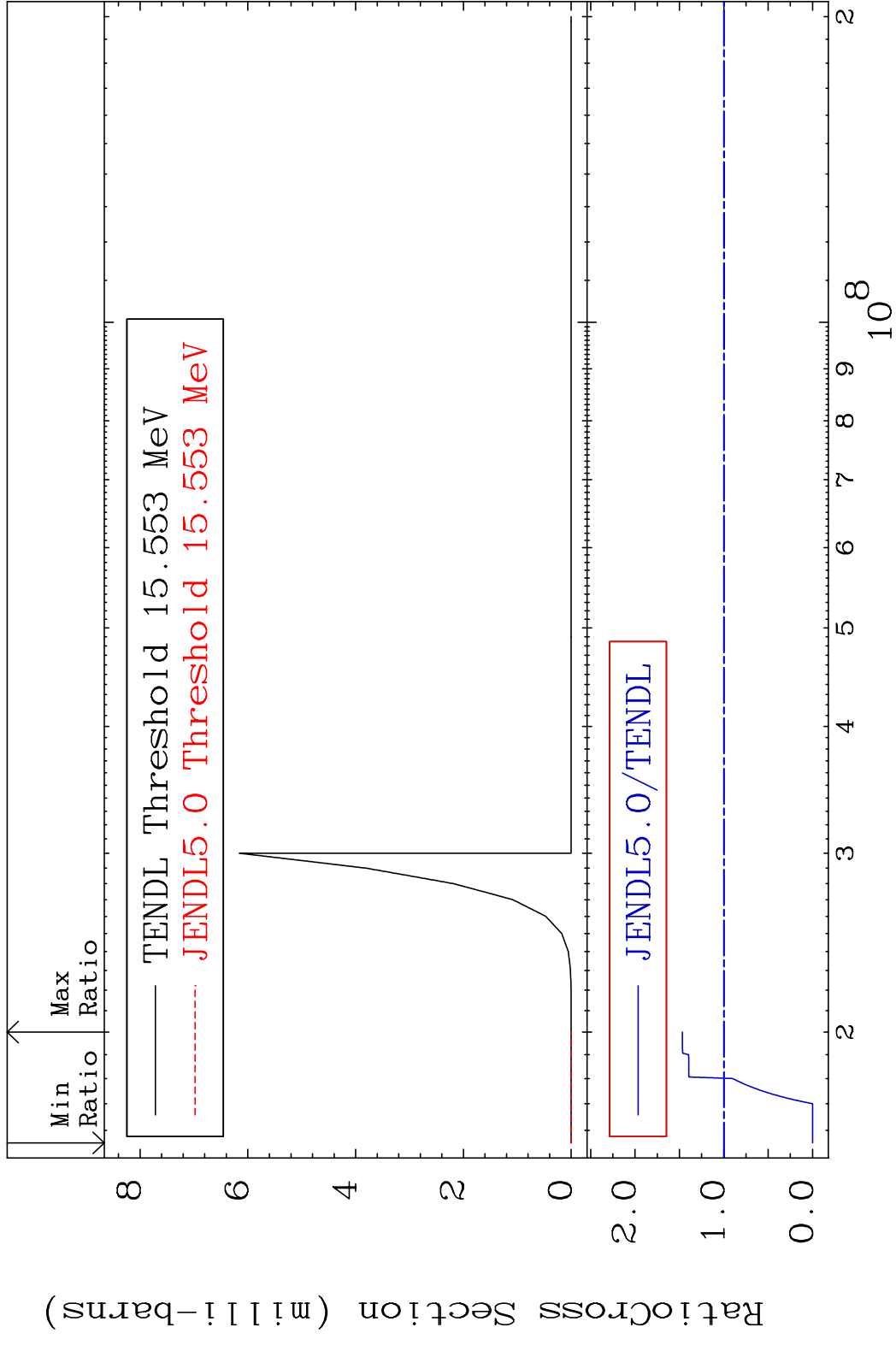
78-Pt-196

MAT 7843

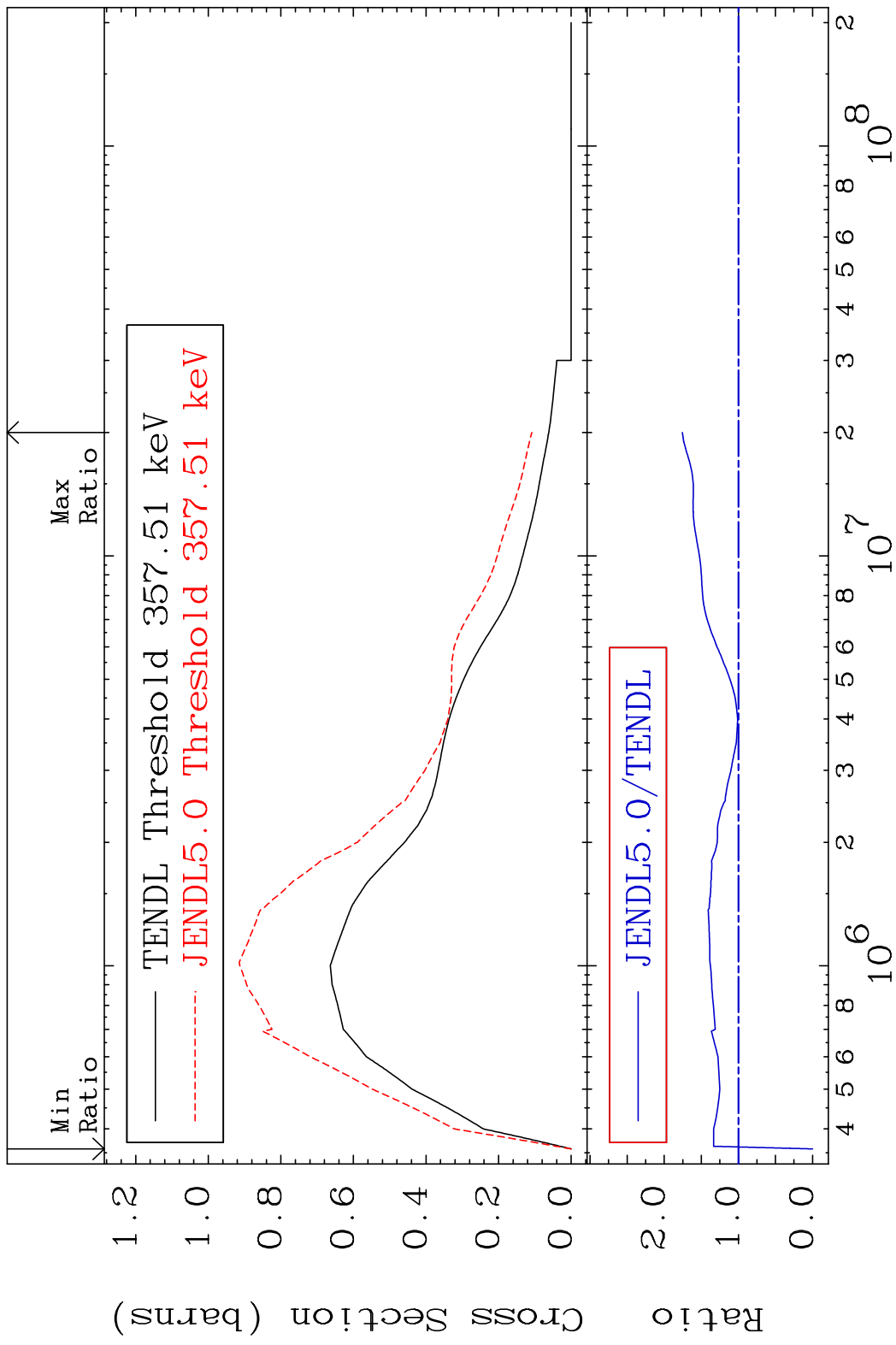
(n,2n) p

78-Pt-196

Cross Section -100.0 To 46.68 %

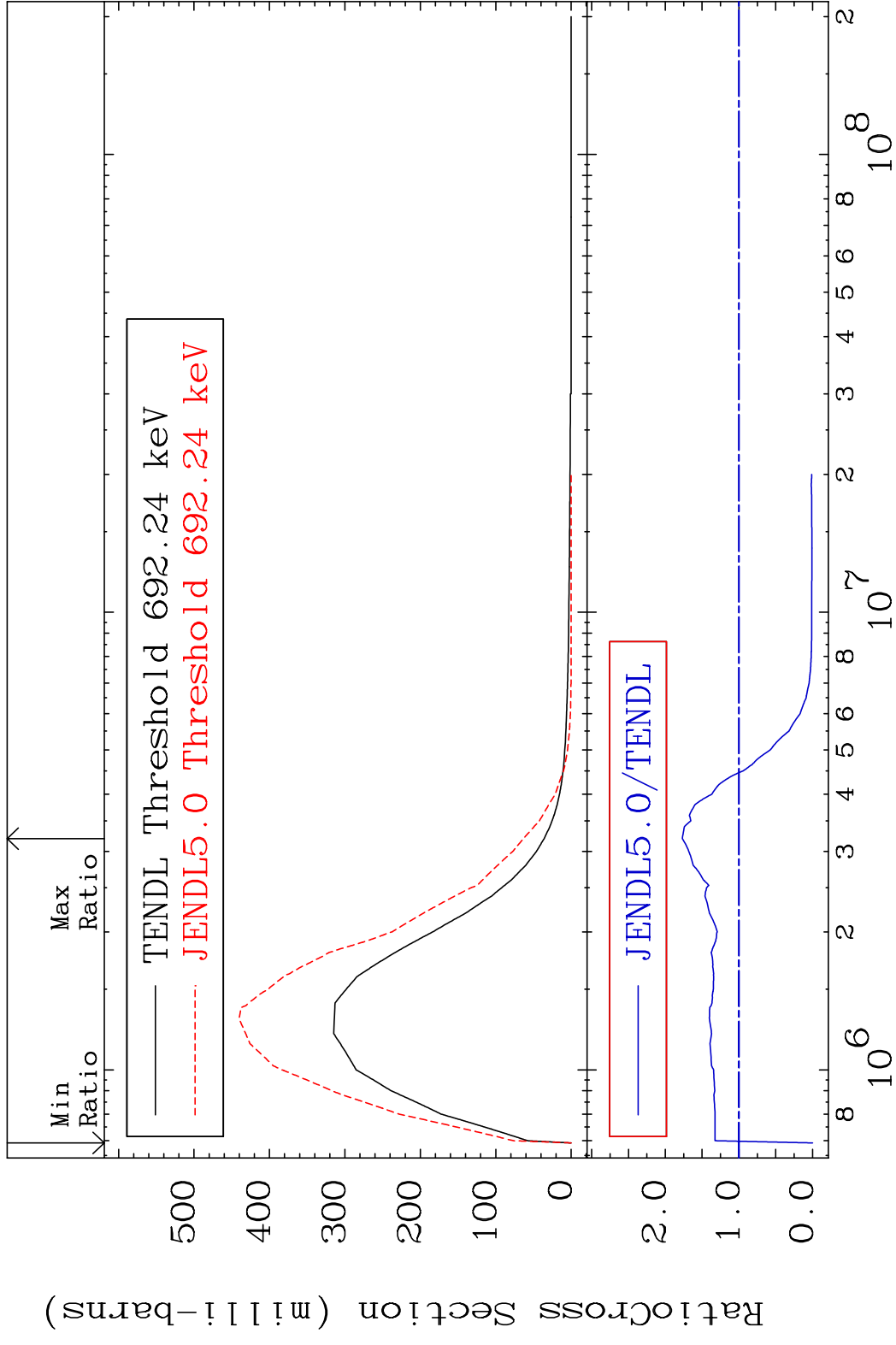


MAT 7843 MT= 51 (n, n') Level 78-Pt-196
 Cross Section -100.0 To 75.53 %

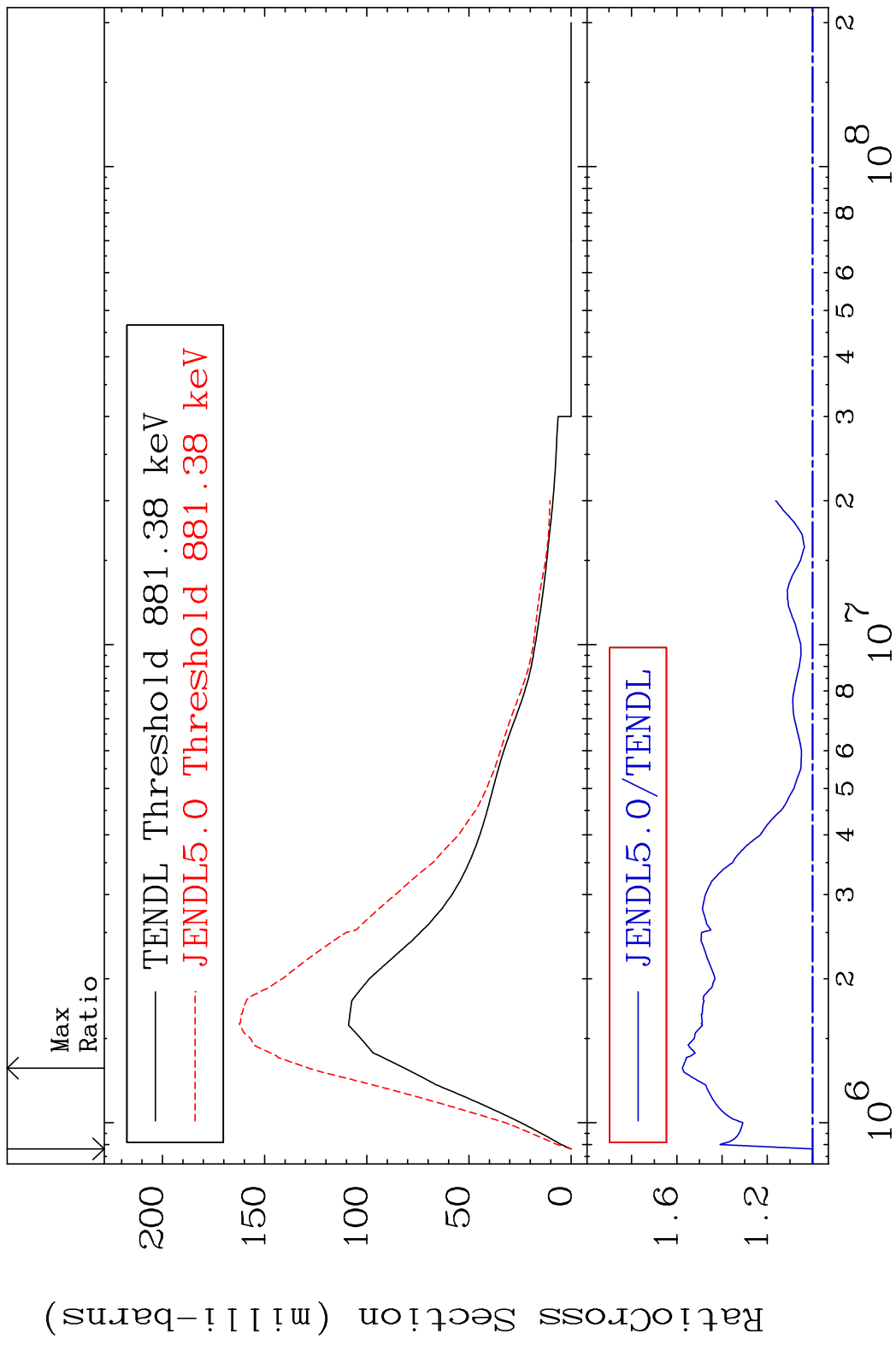


10 Incident Energy (eV) 78-Pt-196

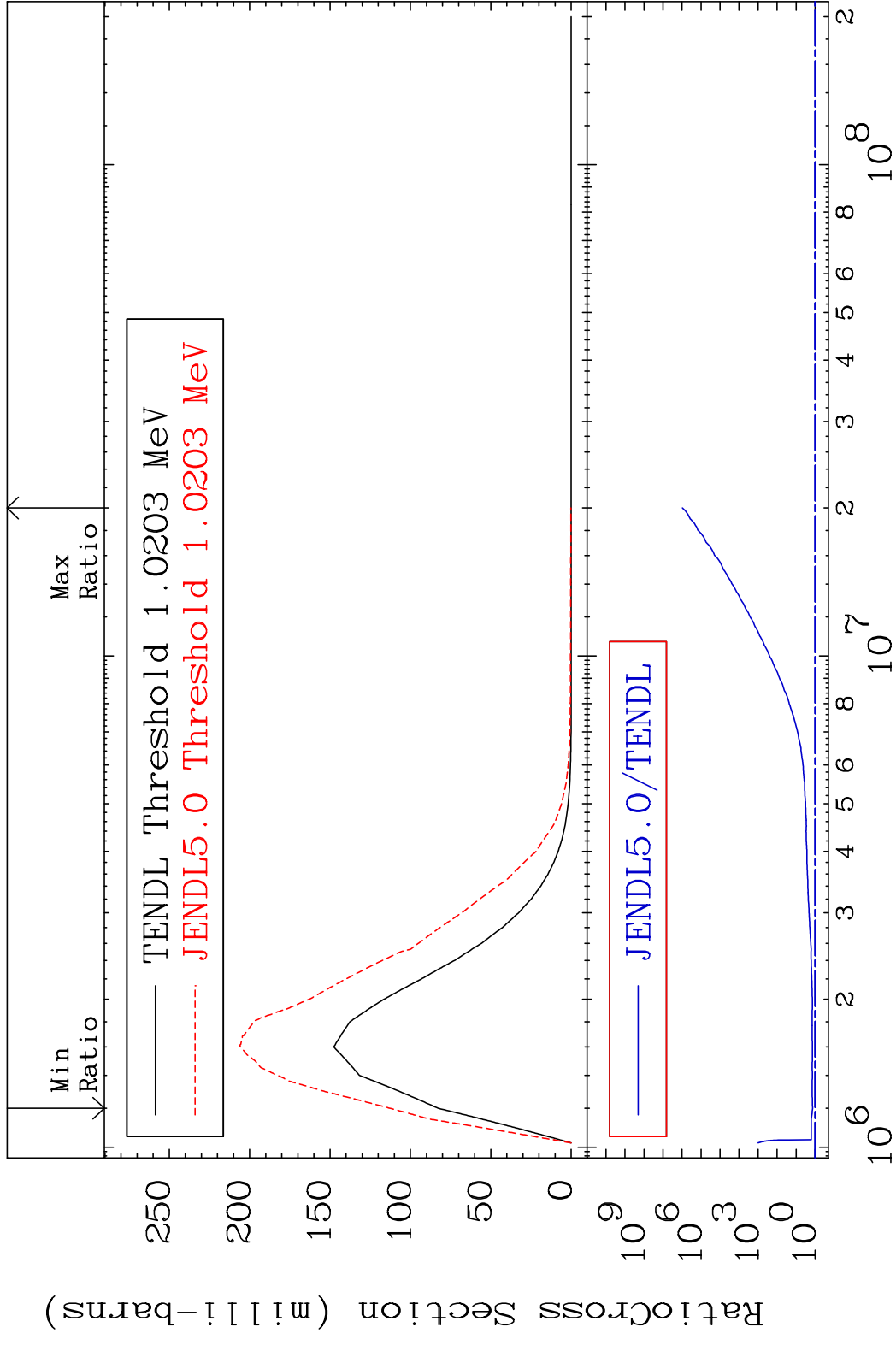
MAT 7843 MT= 52 (n,n') Level 78-Pt-196
 Cross Section -100.0 To 76.81 %



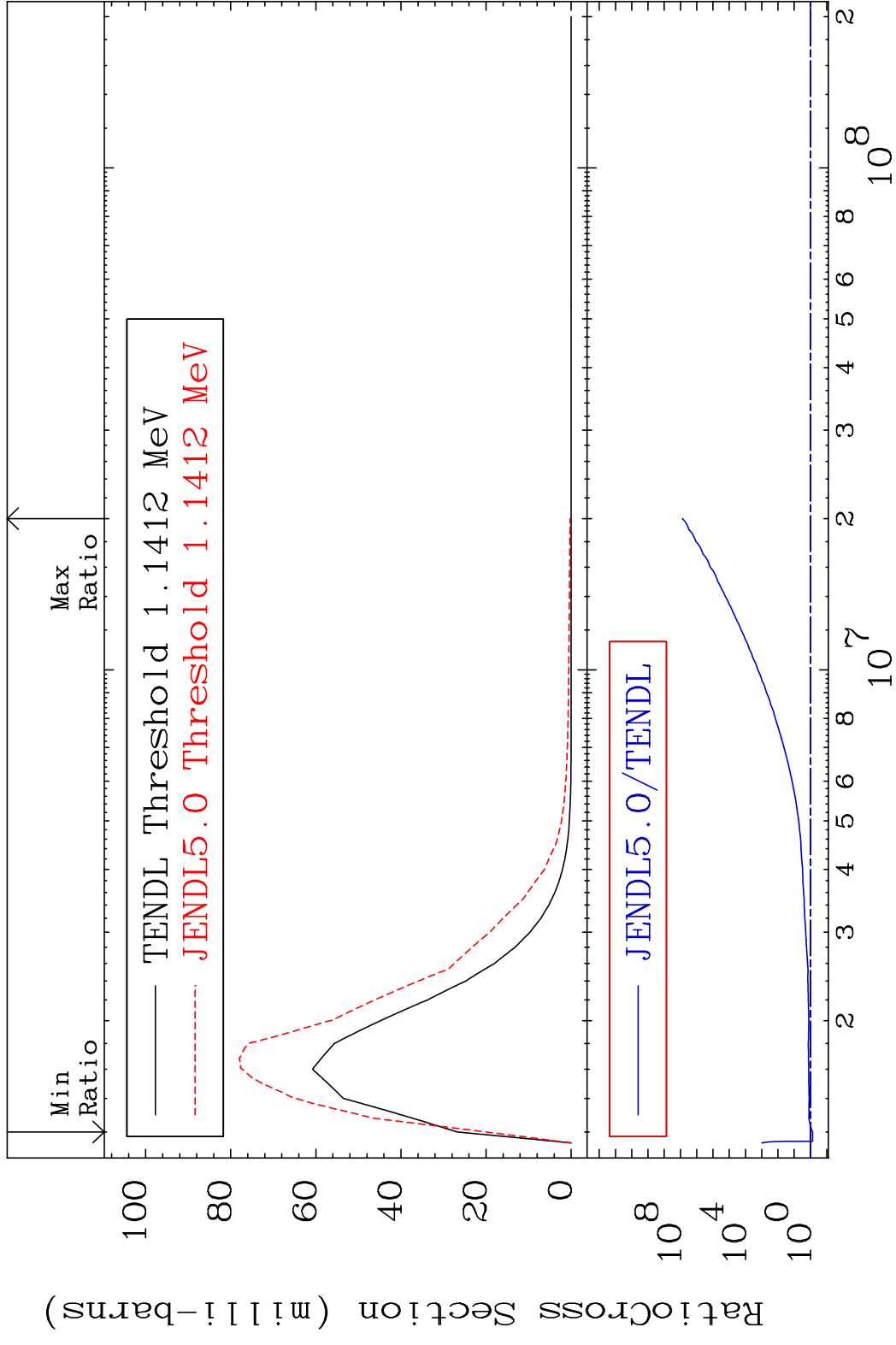
MAT 7843 MT= 53 (n, n') Level 78-Pt-196
 Cross Section 0.000 To 57.57 %



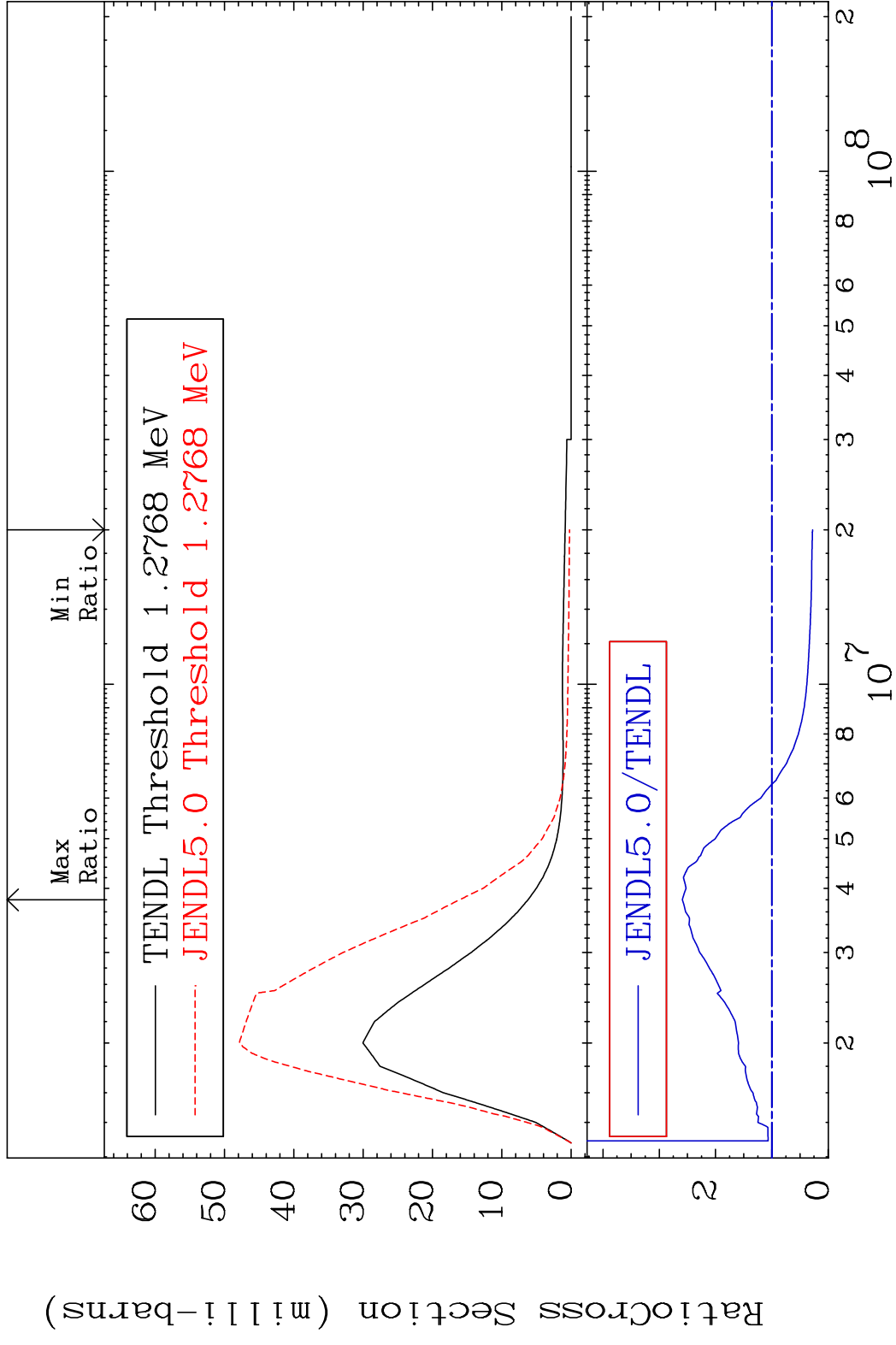
MAT 7843 MT= 54 (n, n') Level 78-Pt-196
 Cross Section 36.19 To 9999. %



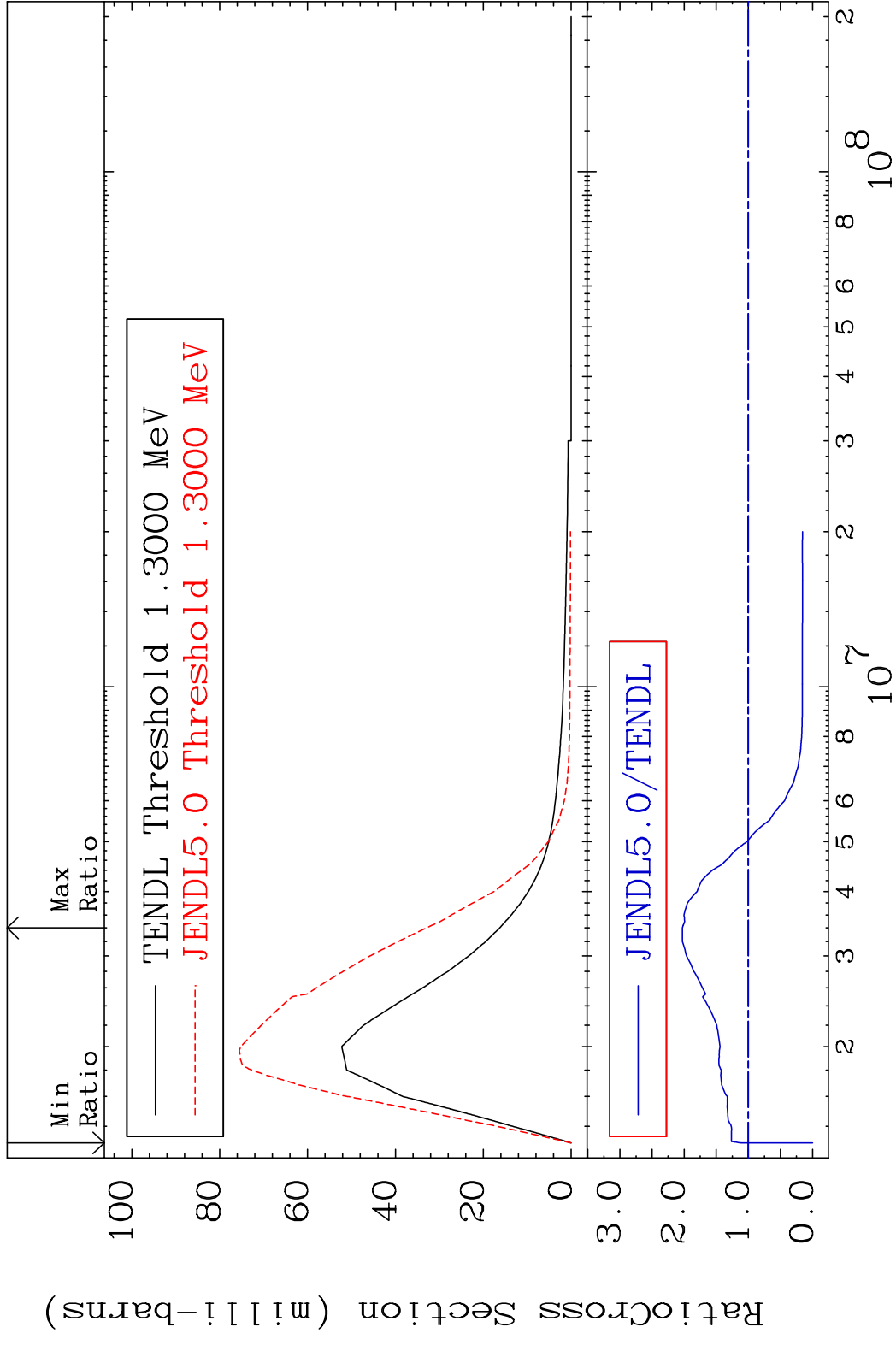
MAT 7843 MT= 55 (n, n') Level 78-Pt-196
 Cross Section -25.31 To 9999. %



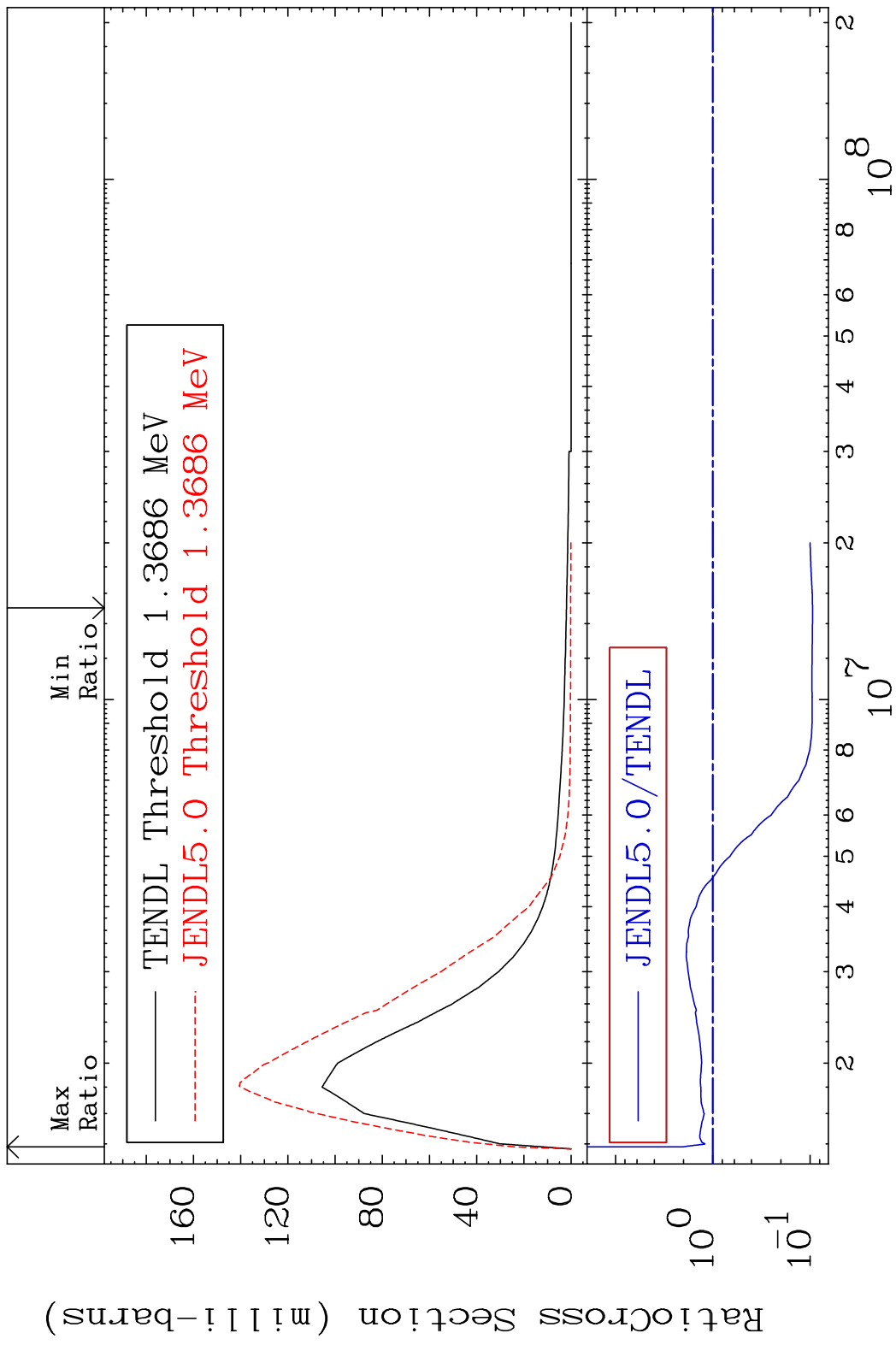
MAT 7843 MT= 56 (n, n') Level 78-Pt-196
 Cross Section -72.35 To 159.0 %



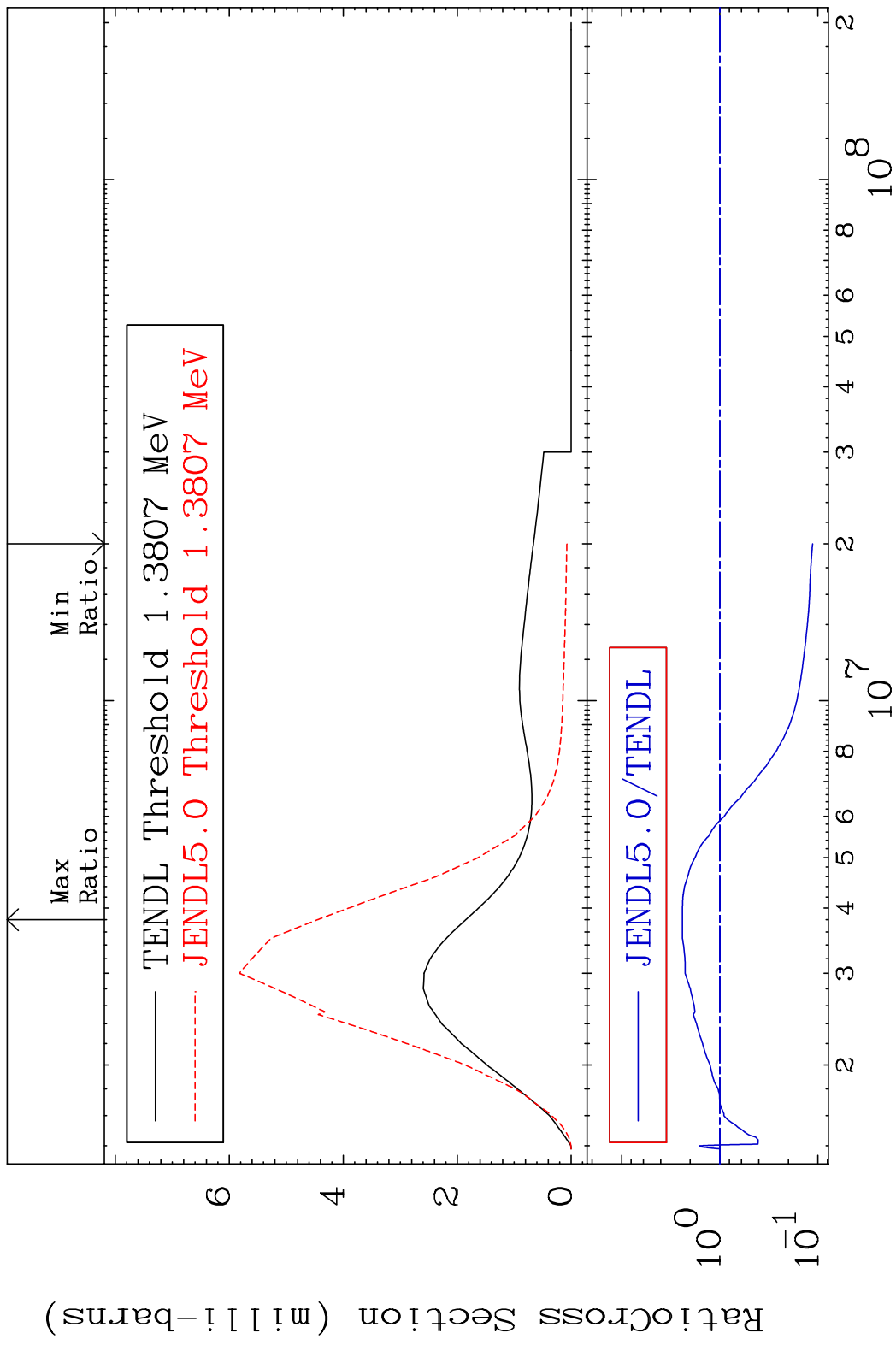
MAT 7843 MT= 57 (n, n') Level 78-Pt-196
 Cross Section -100.0 To 102.8 %



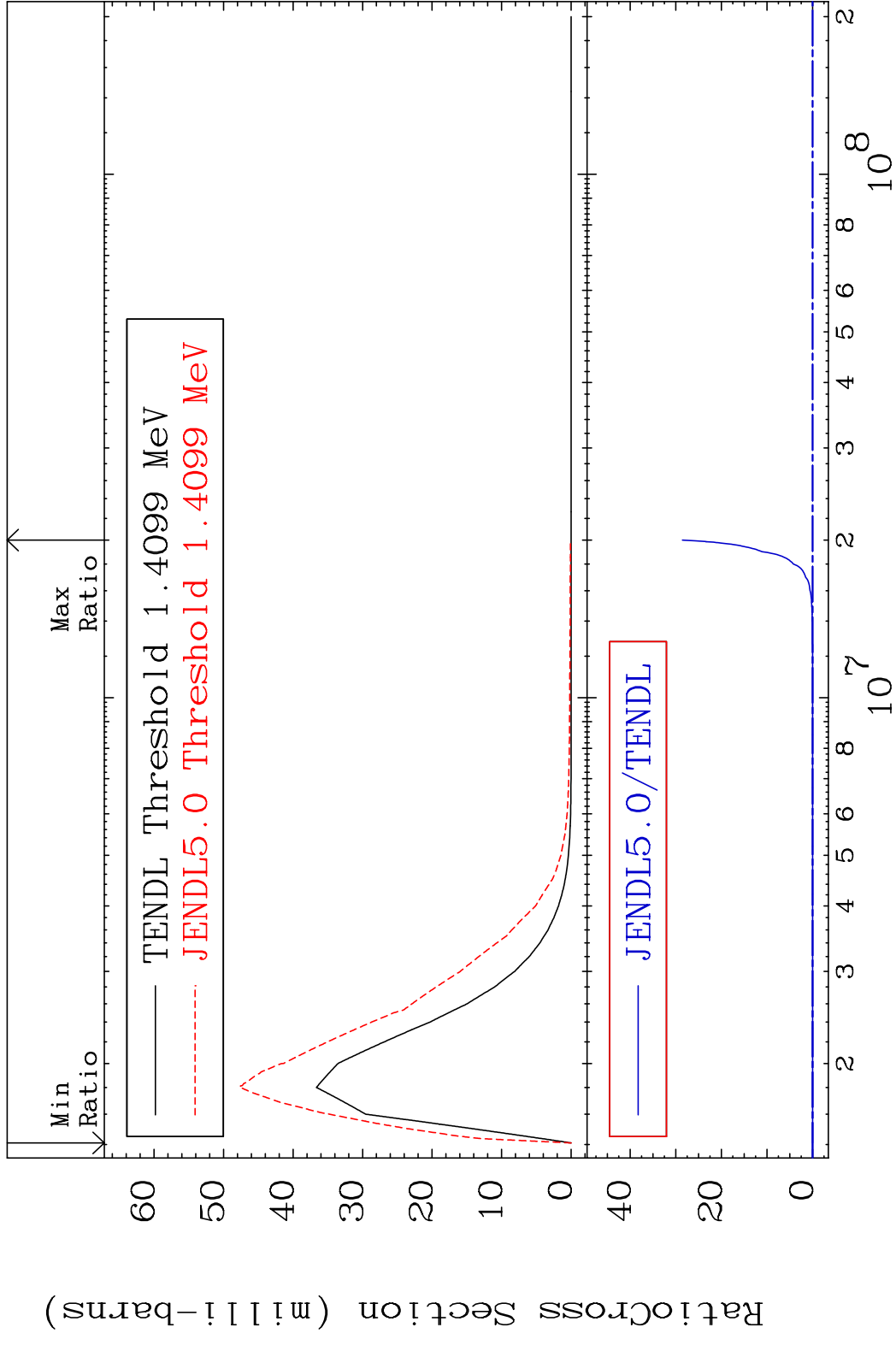
MAT 7843 MT= 58 (n, n') Level 78-Pt-196
 Cross Section -90.55 To 105.6 %



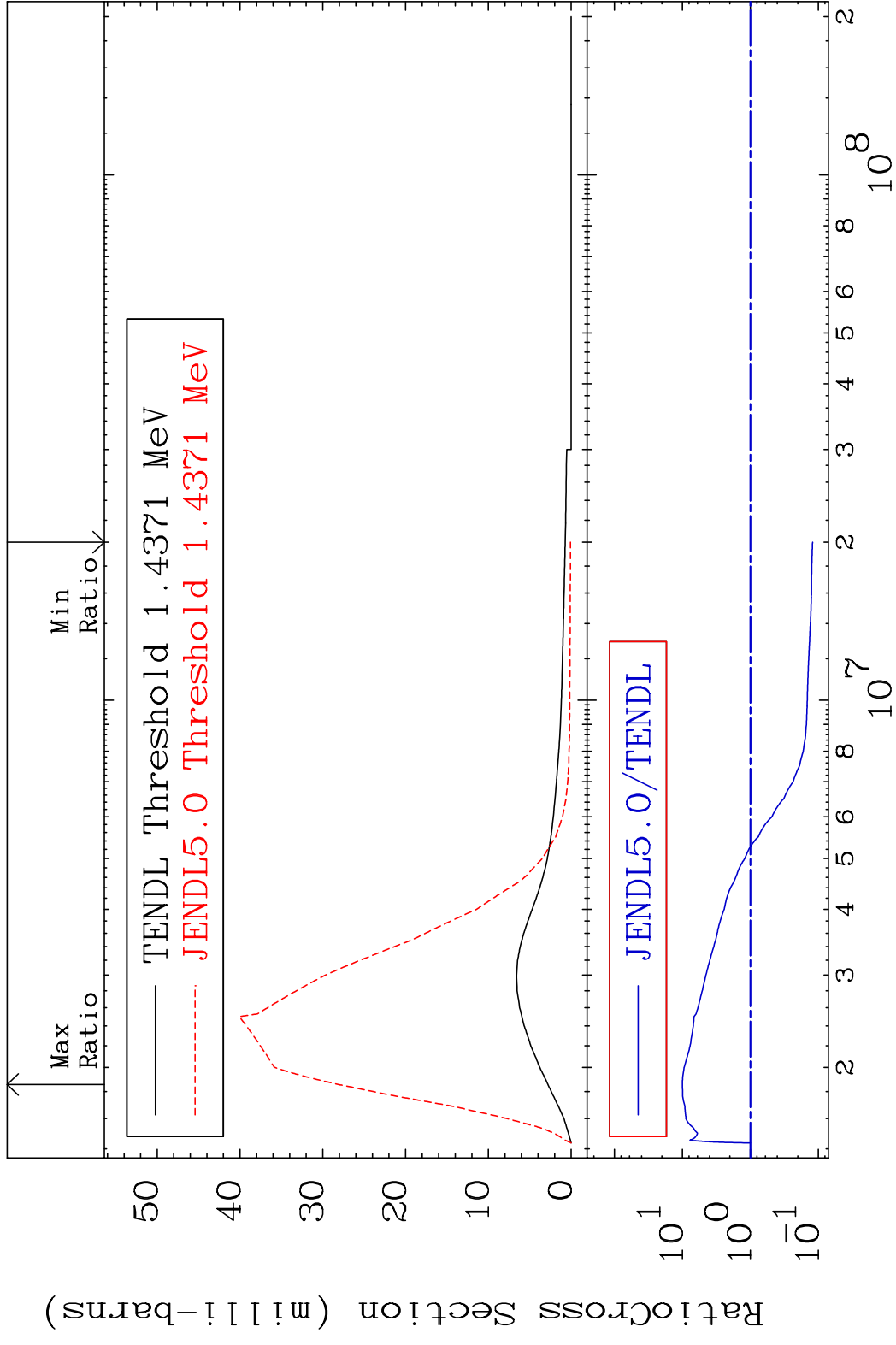
MAT 7843 MT= 59 (n, n') Level 78-Pt-196
 Cross Section -88.67 To 140.6 %



MAT 7843 MT= 60 (n, n') Level 78-Pt-196
 Cross Section -100.0 To 9999. %

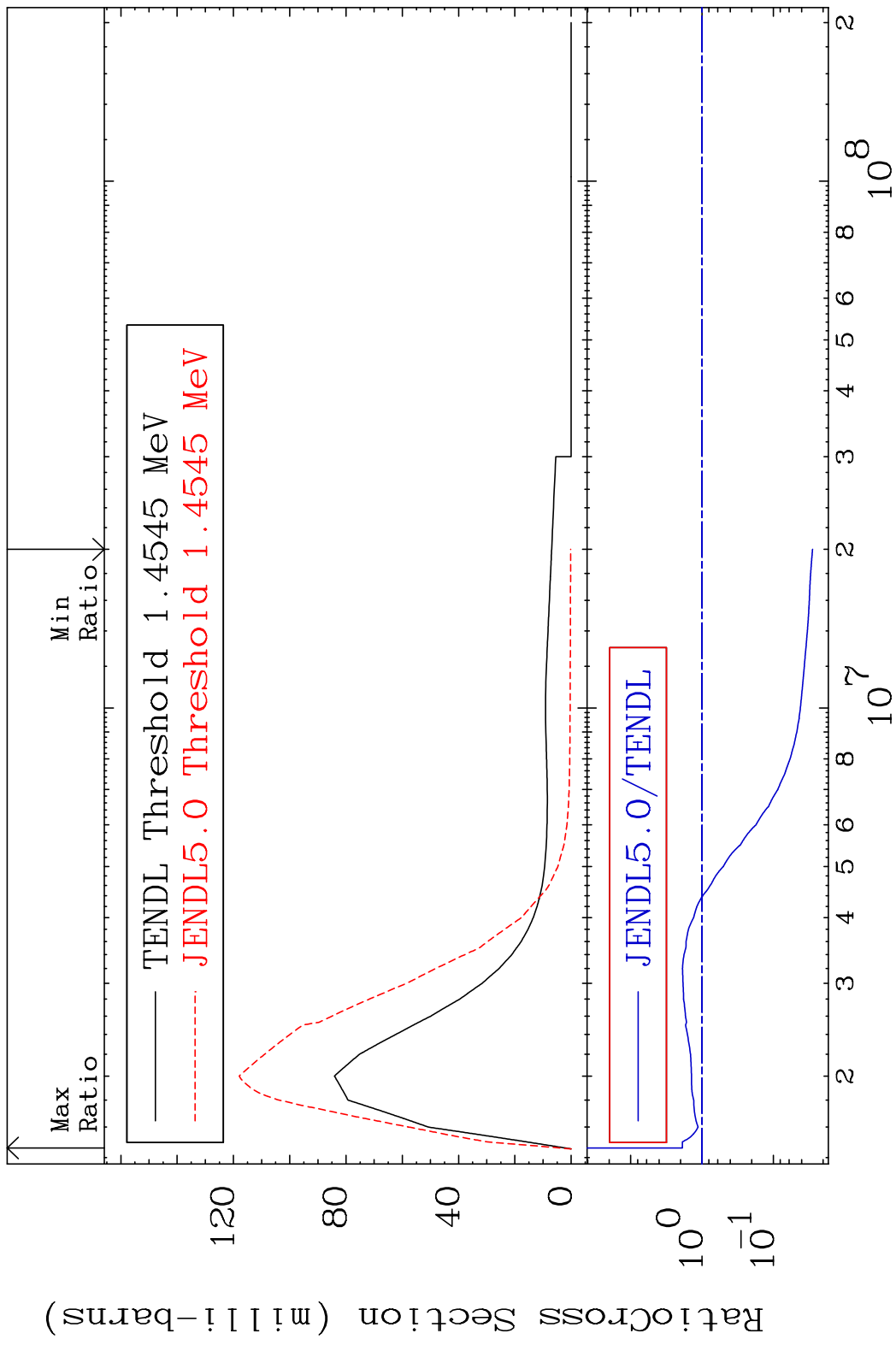


MAT 7843 MT= 61 (n, n') Level 78-Pt-196
 Cross Section -87.86 To 901.2 %

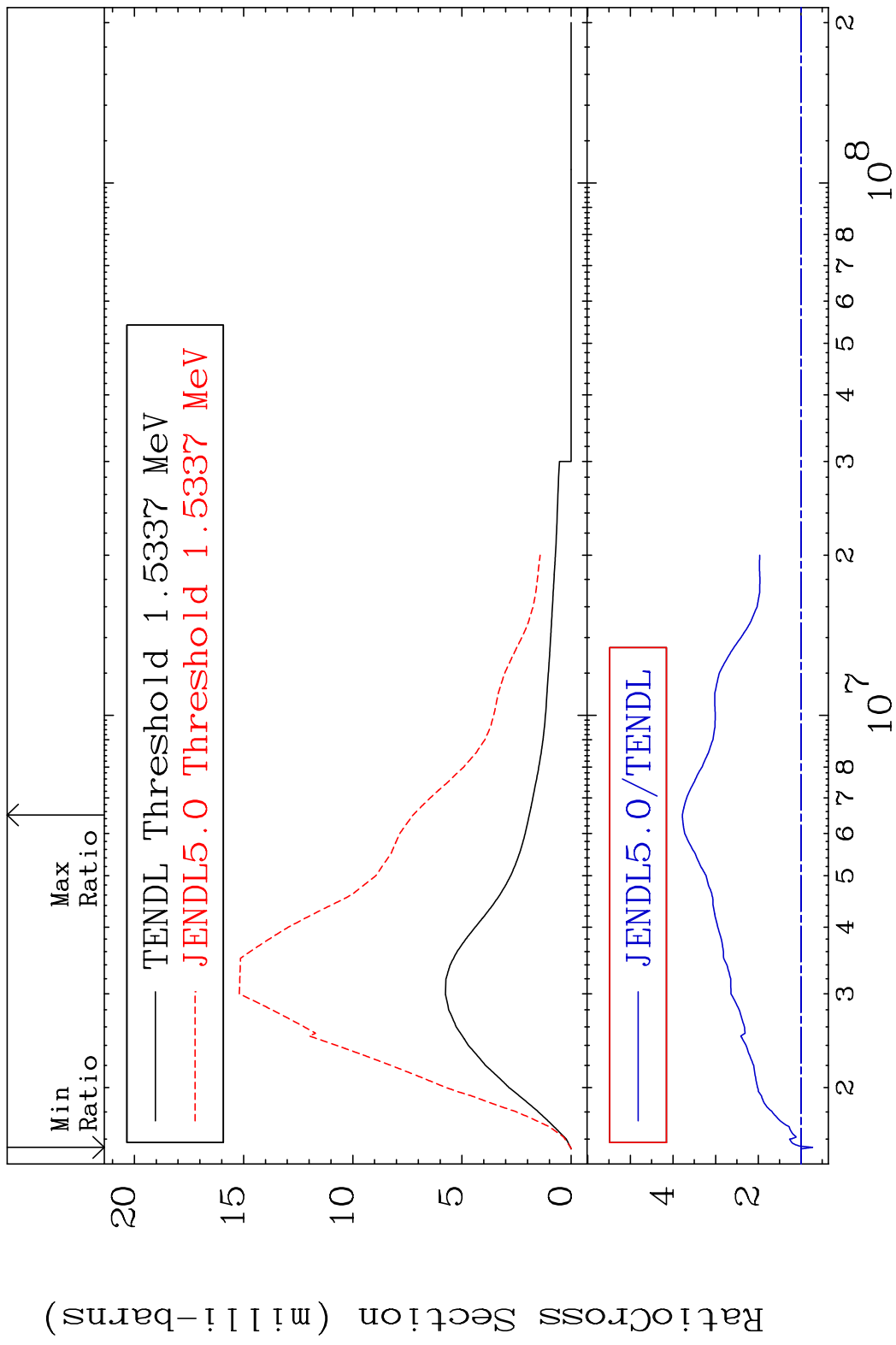


20 Incident Energy (eV) 78-Pt-196

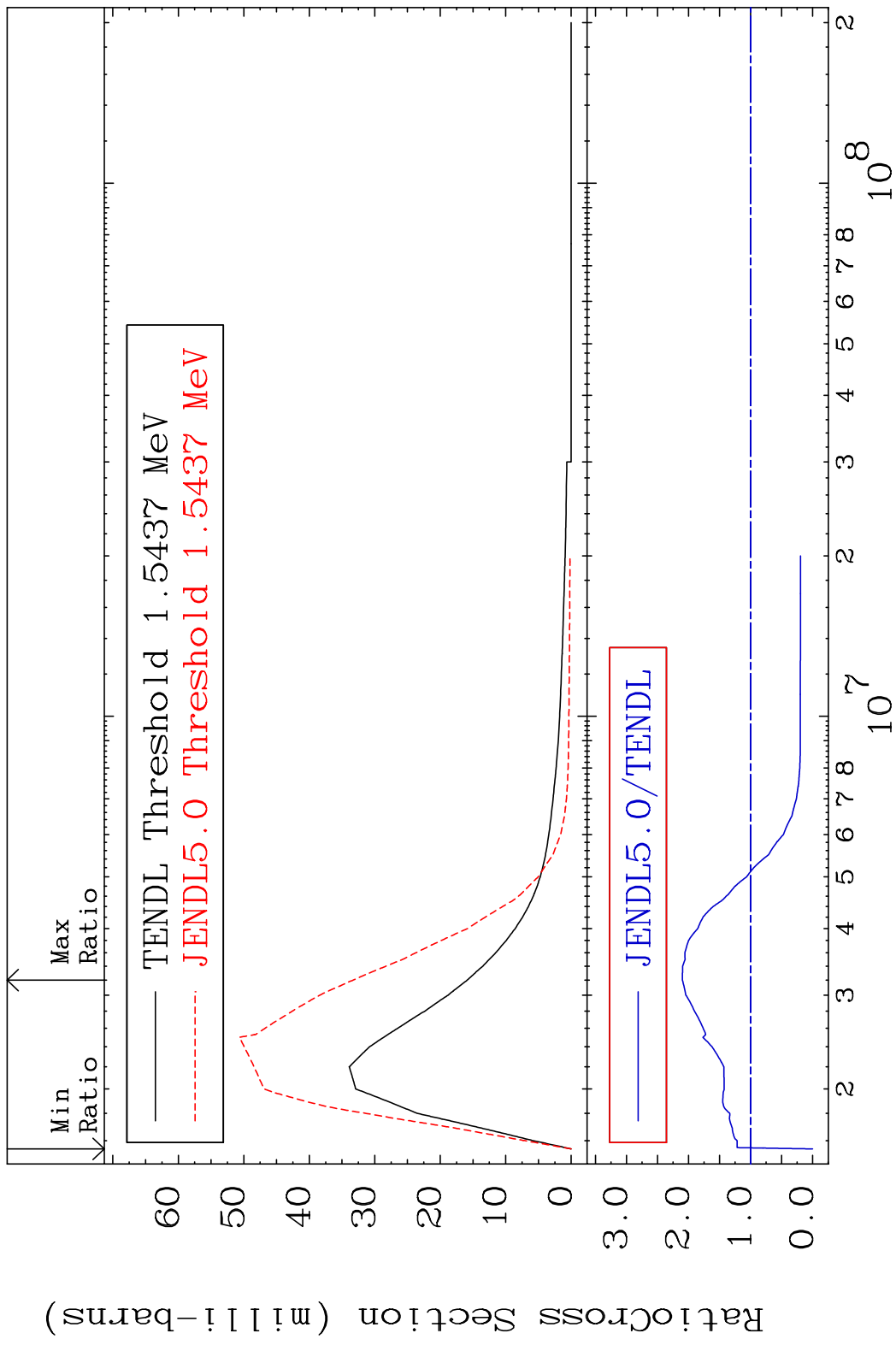
MAT 7843 MT= 62 (n, n') Level 78-Pt-196
 Cross Section -97.19 To 88.64 %



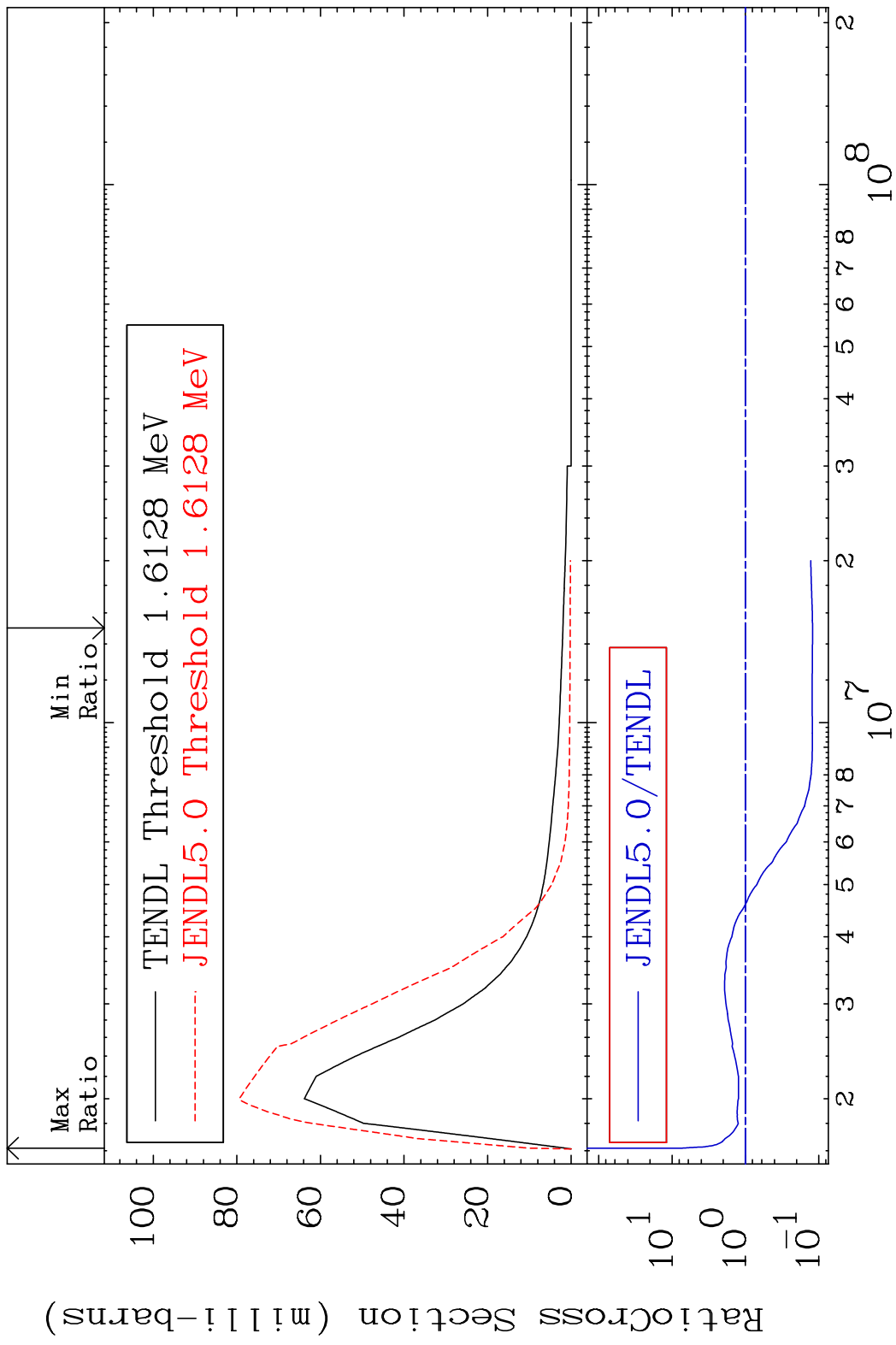
MAT 7843 MT= 63 (n, n') Level 78-Pt-196
 Cross Section -27.41 To 277.9 %



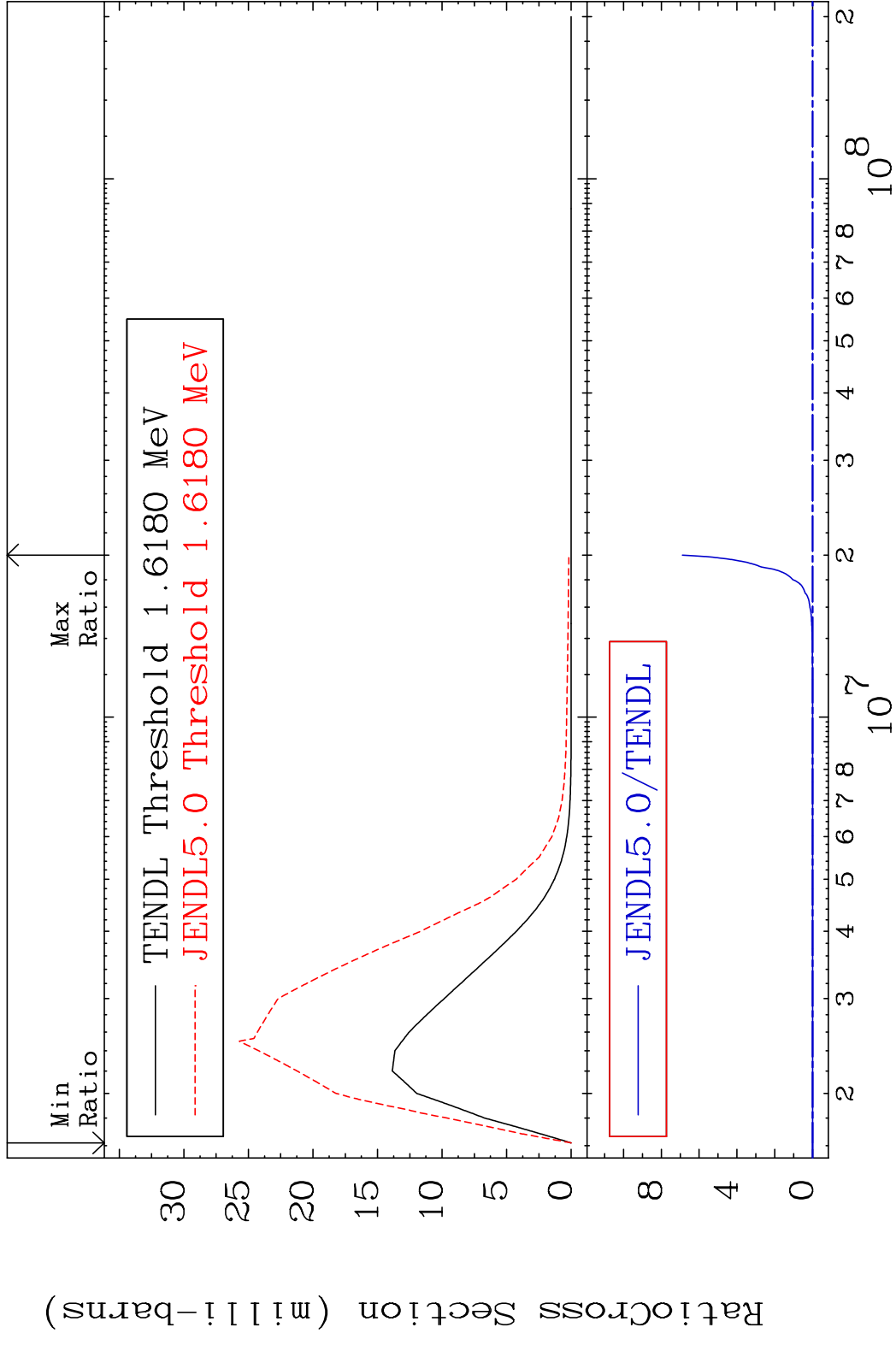
MAT 7843 MT= 64 (n, n') Level 78-Pt-196
 Cross Section -100.0 To 109.9 %



MAT 7843 MT= 65 (n,n') Level 78-Pt-196
 Cross Section -87.85 To 623.6 %



MAT 7843 MT= 66 (n, n') Level 78-Pt-196
 Cross Section -100.0 To 9999. %

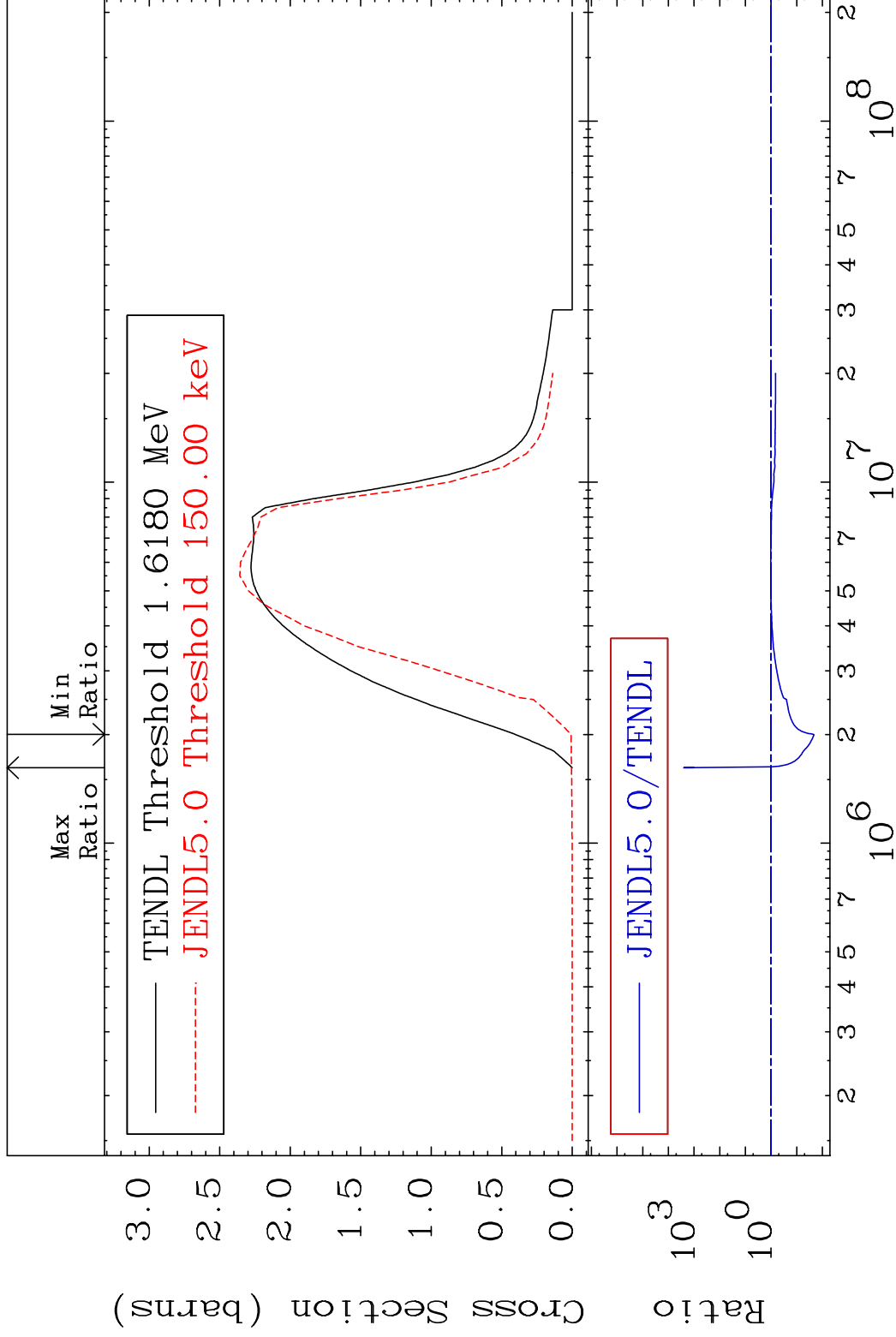


MAT 7843

(n,n') Continuum

78-Pt-196

Cross Section -97.90 To 9999. %

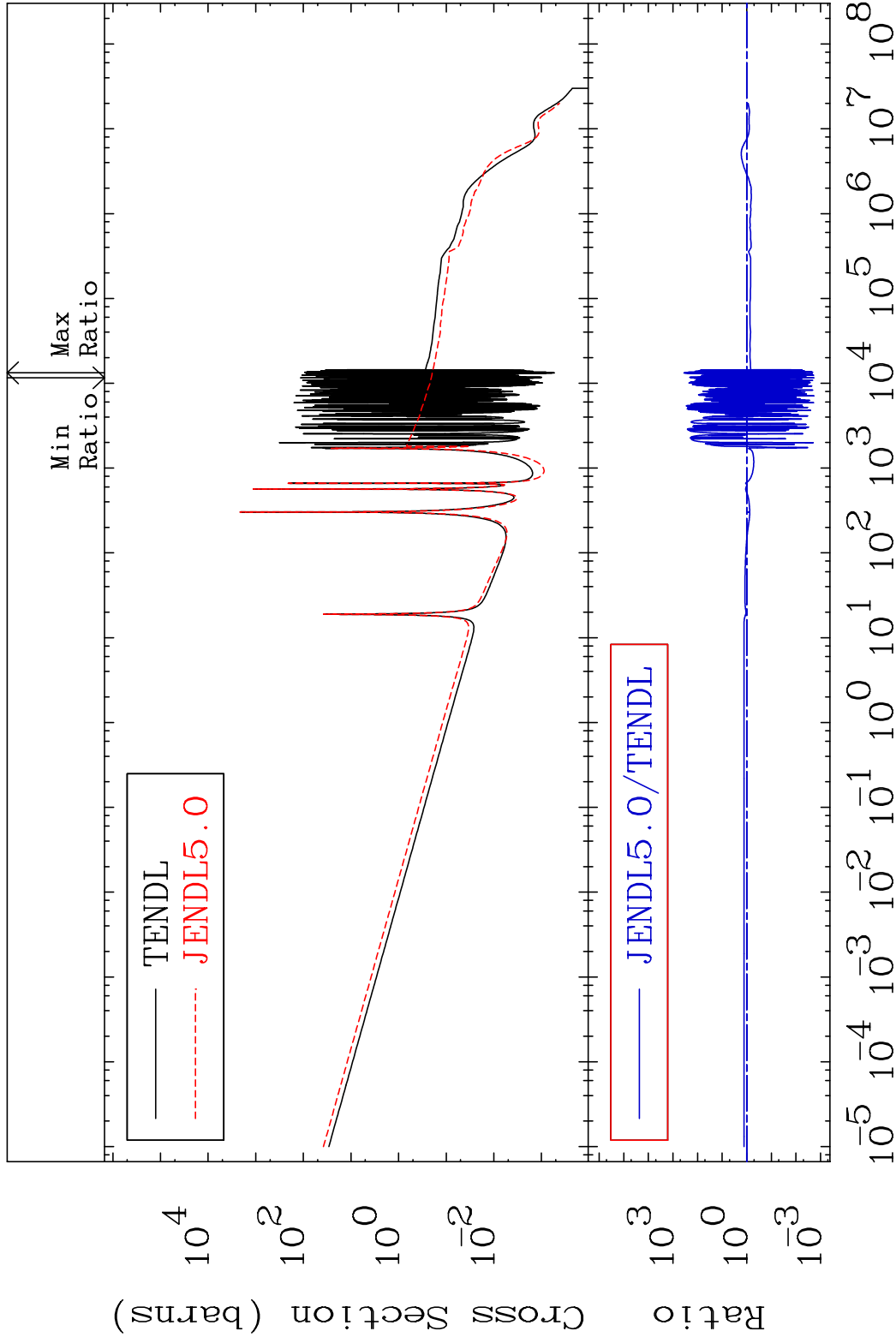


MAT 7843

(n, γ)

78-Pt-196

Cross Section -99.82 To 9999. %



27

Incident Energy (eV)

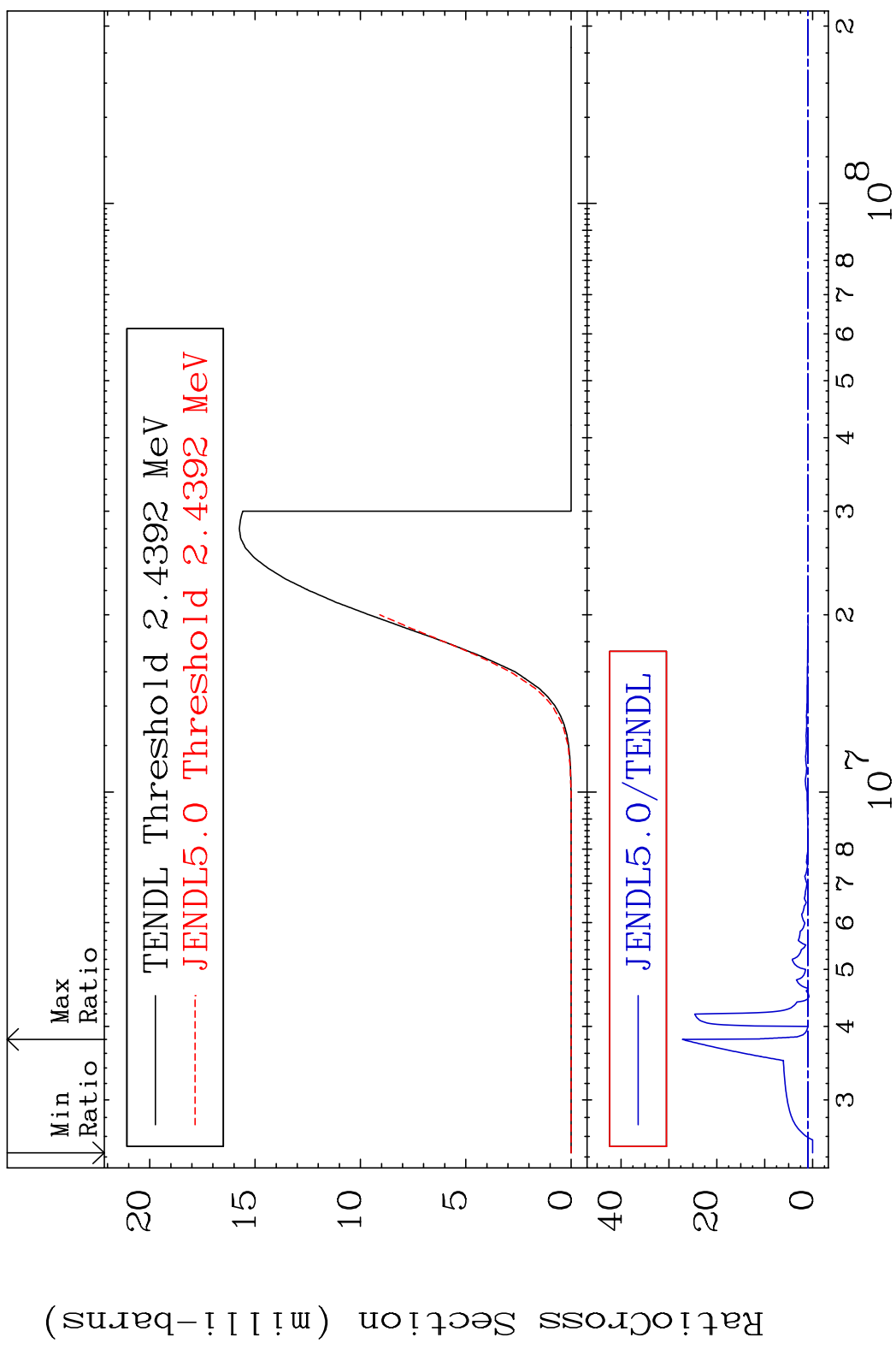
78-Pt-196

MAT 7843

(n,p)

78-Pt-196

Cross Section -100.0 To 2619. %

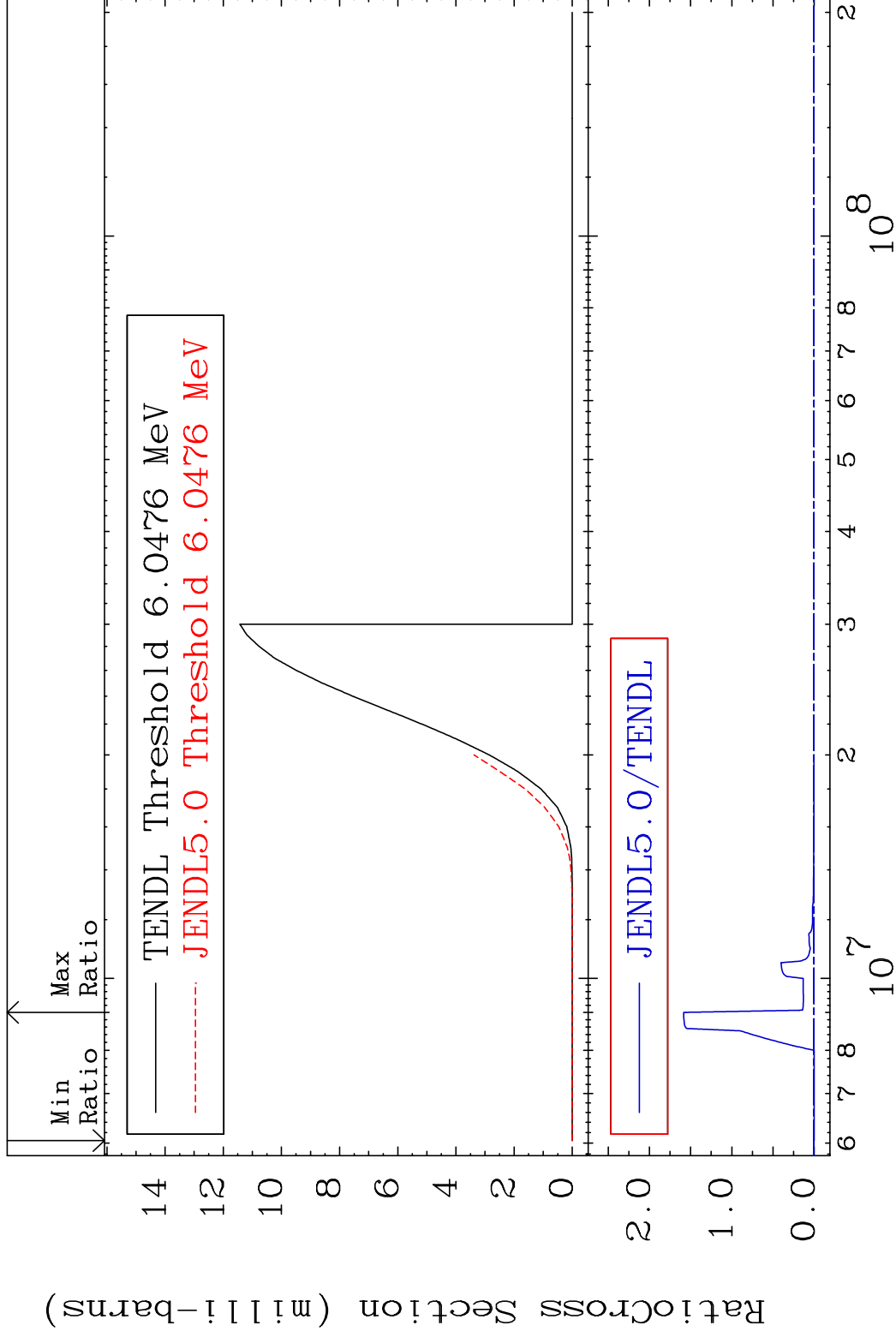


MAT 7843

(n,d)

78-Pt-196

Cross Section -100.0 To 9999. %



29

Incident Energy (eV)

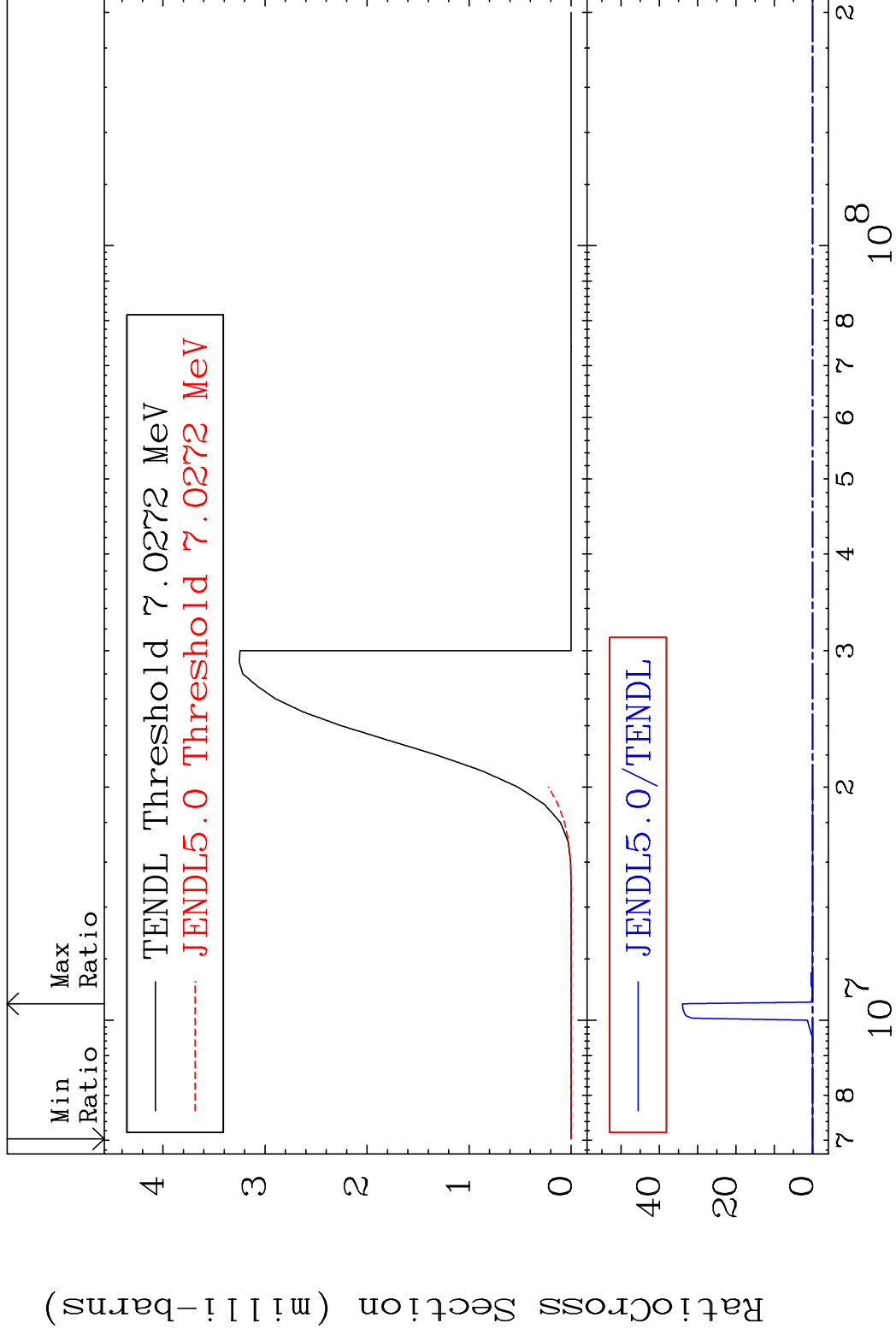
78-Pt-196

MAT 7843

(n, t)

78-Pt-196

Cross Section -100.0 To 9999. %



30

Incident Energy (eV)

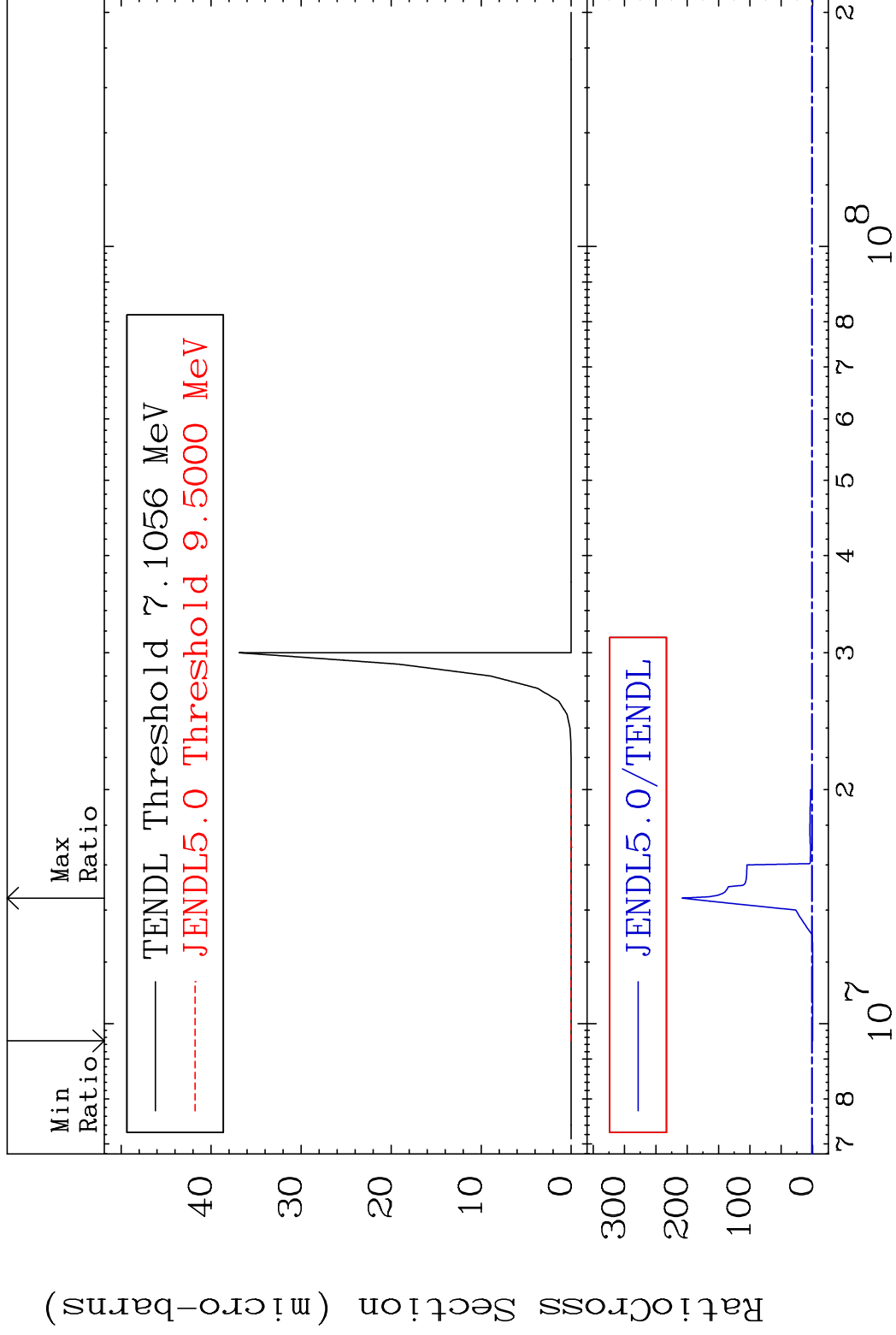
78-Pt-196

MAT 7843

(n, He-3)

78-Pt-196

Cross Section -100.0 To 9999. %



31

Incident Energy (eV)

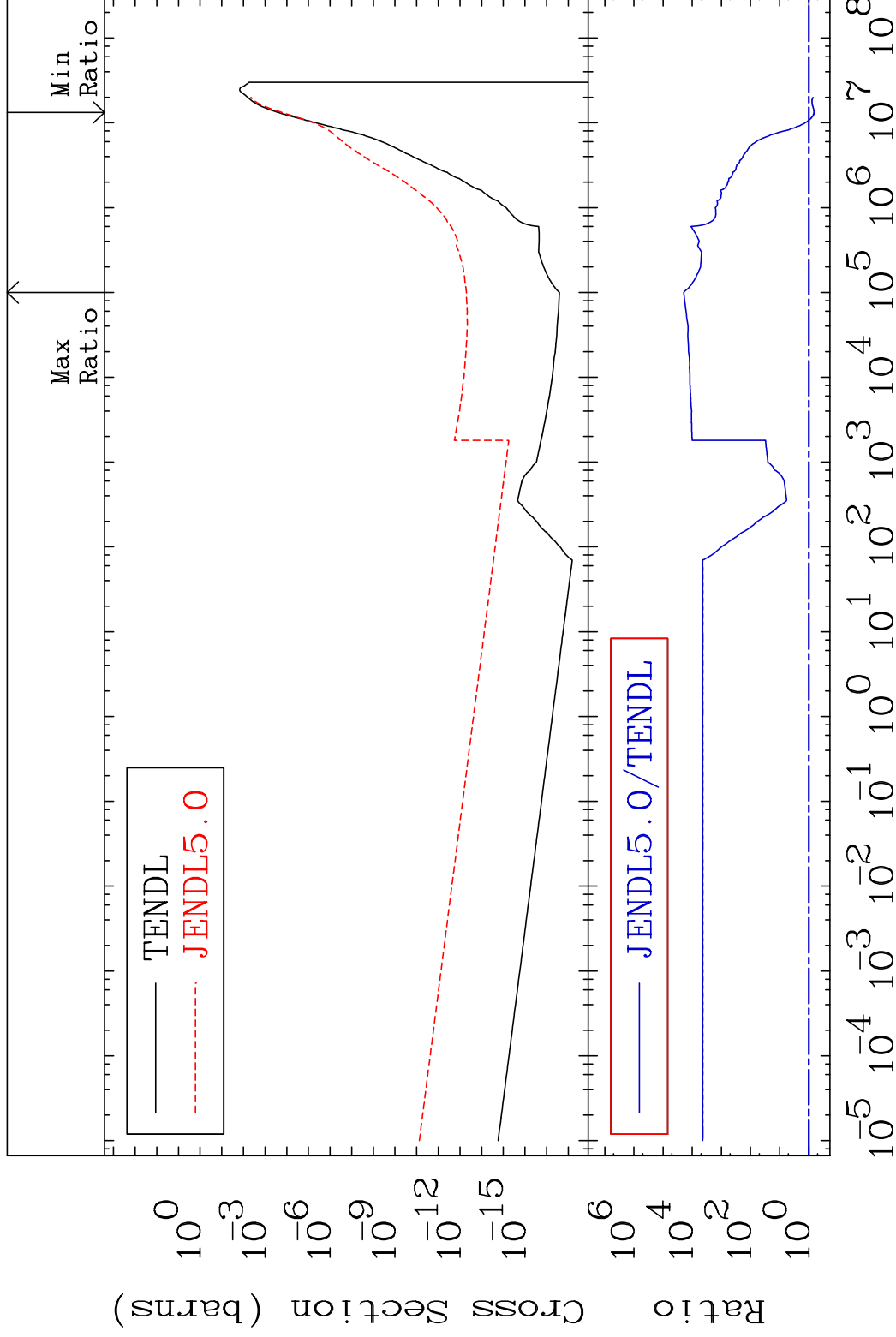
78-Pt-196

MAT 7843

(n, α)

78-Pt-196

Cross Section -34.29 To 9999. %



32

Incident Energy (eV)

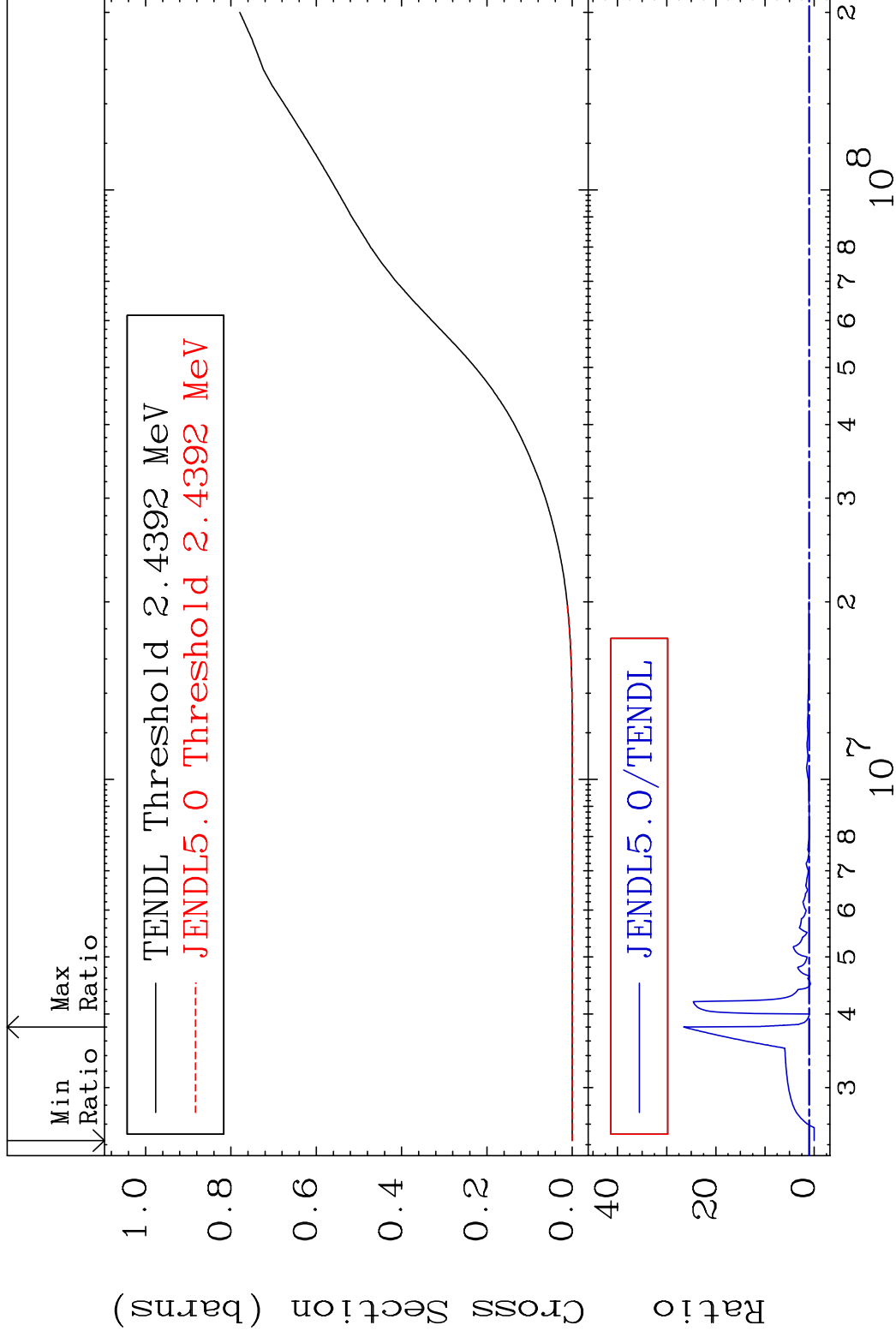
78-Pt-196

MAT 7843

Hydrogen Production

78-Pt-196

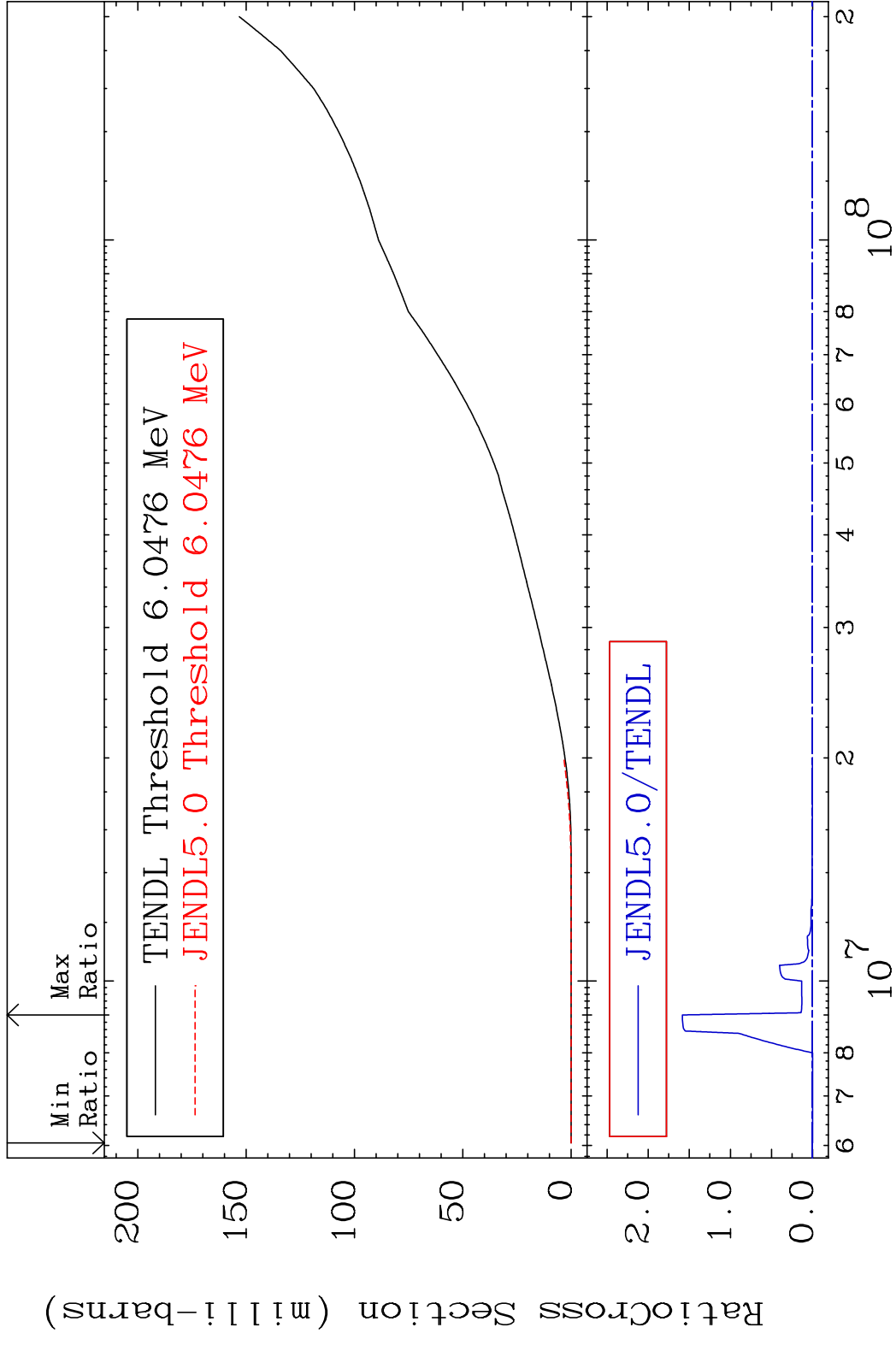
Cross Section -100.0 To 2554. %



33

Incident Energy (eV)

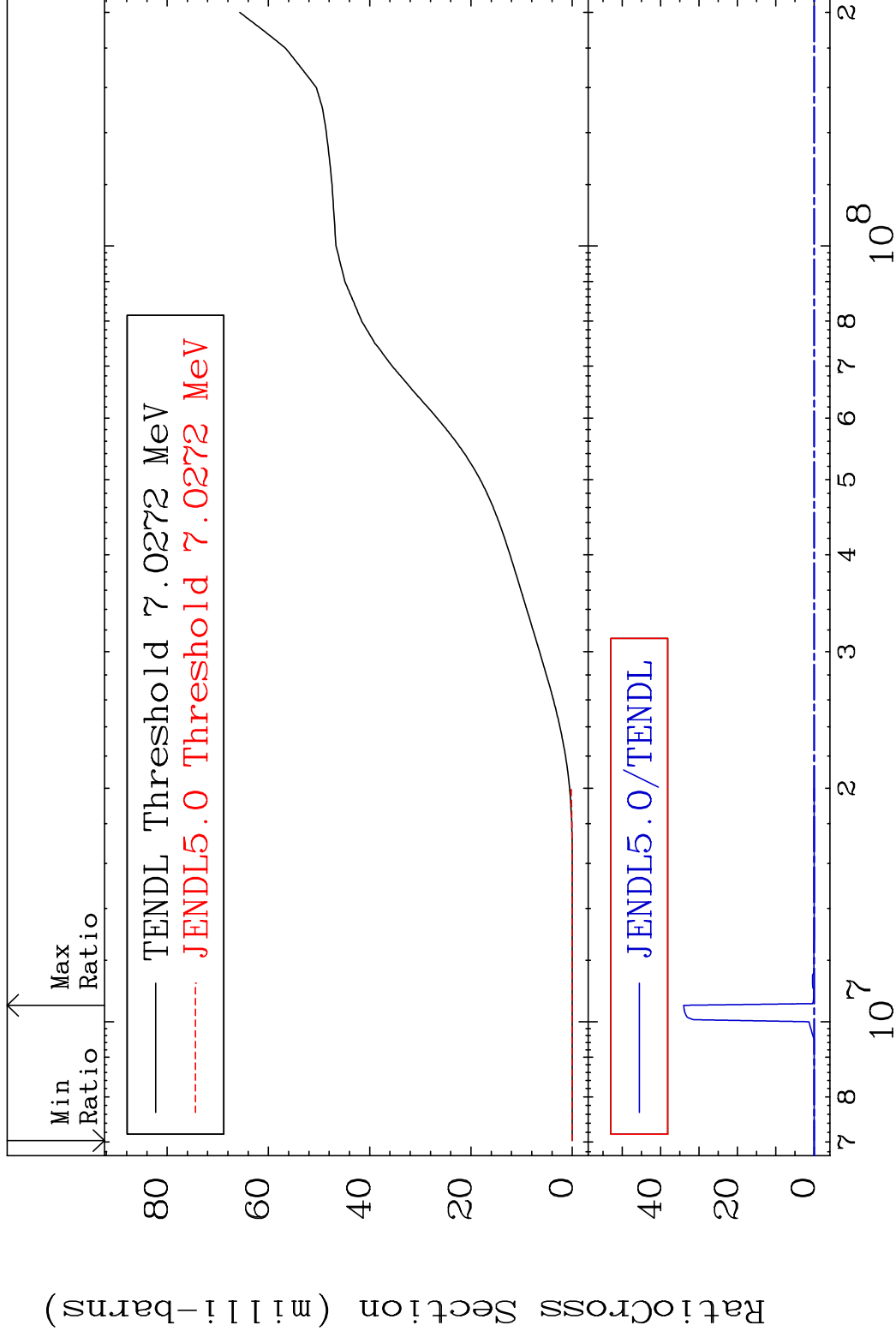
78-Pt-196



MAT 7843

Tritium Production 78-Pt-196

Cross Section -100.0 To 9999. %

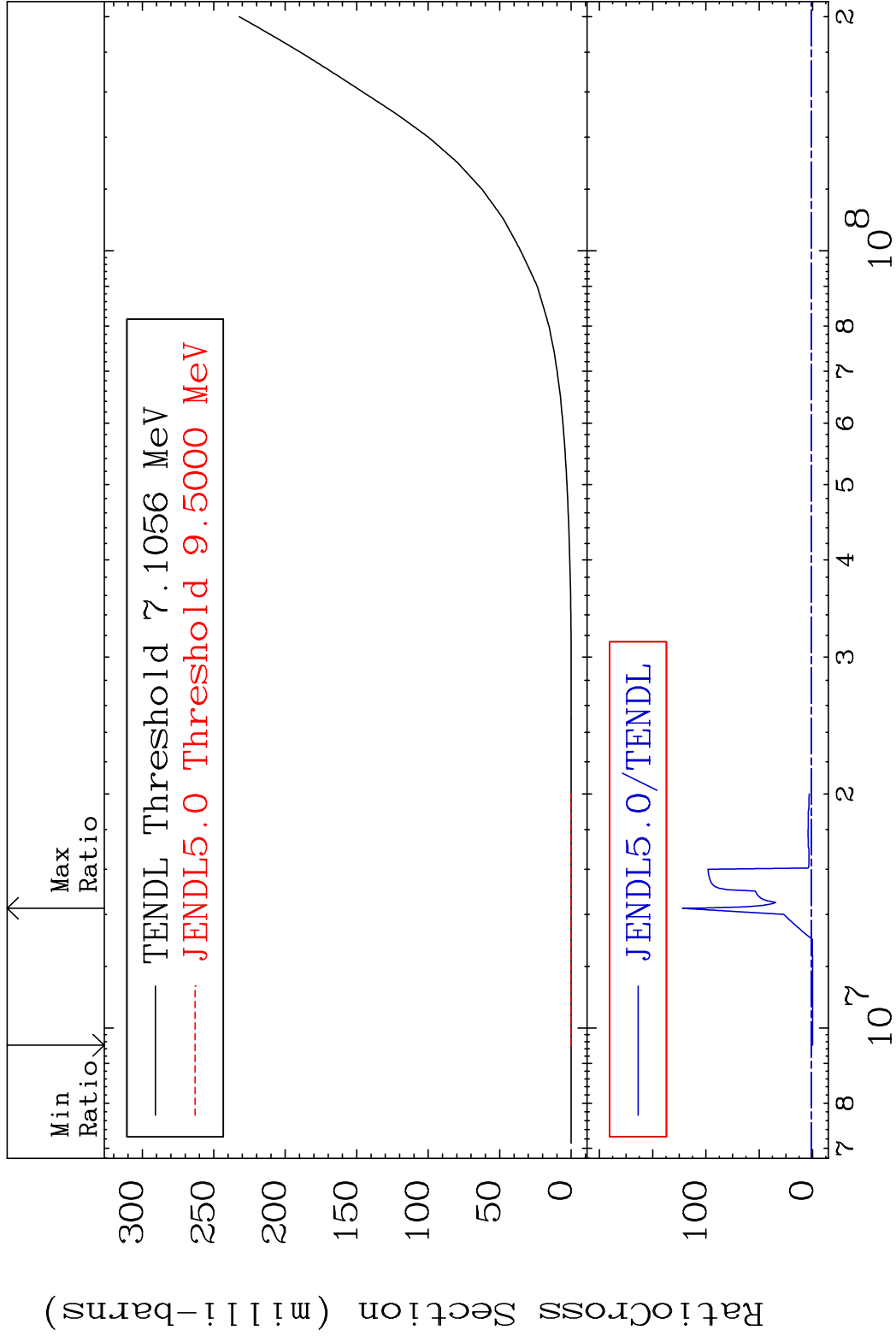


35

Incident Energy (eV)

78-Pt-196

Cross Section -100.0 To 9999. %

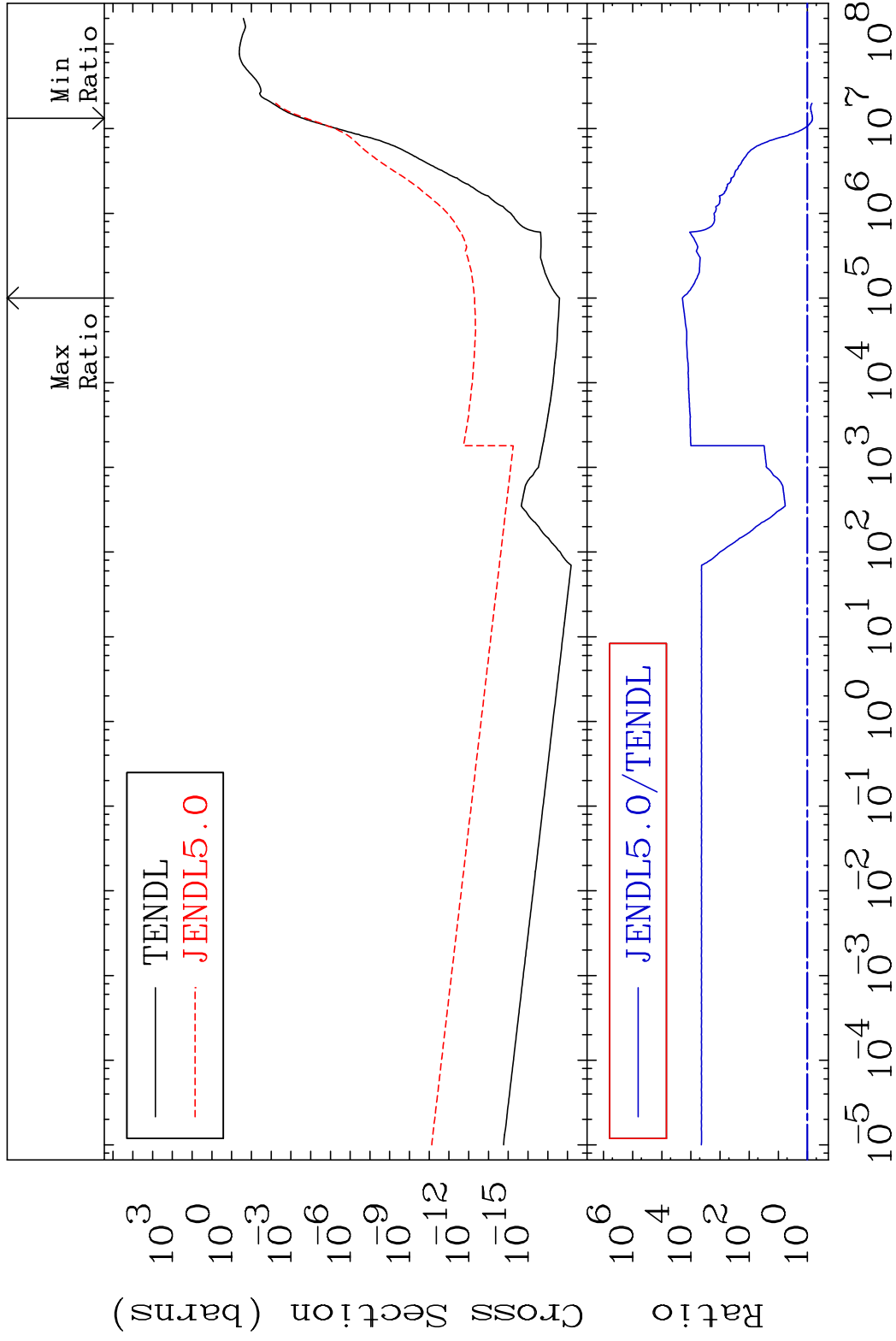


MAT 7843

He-4 Production

78-Pt-196

Cross Section -33.36 To 9999. %

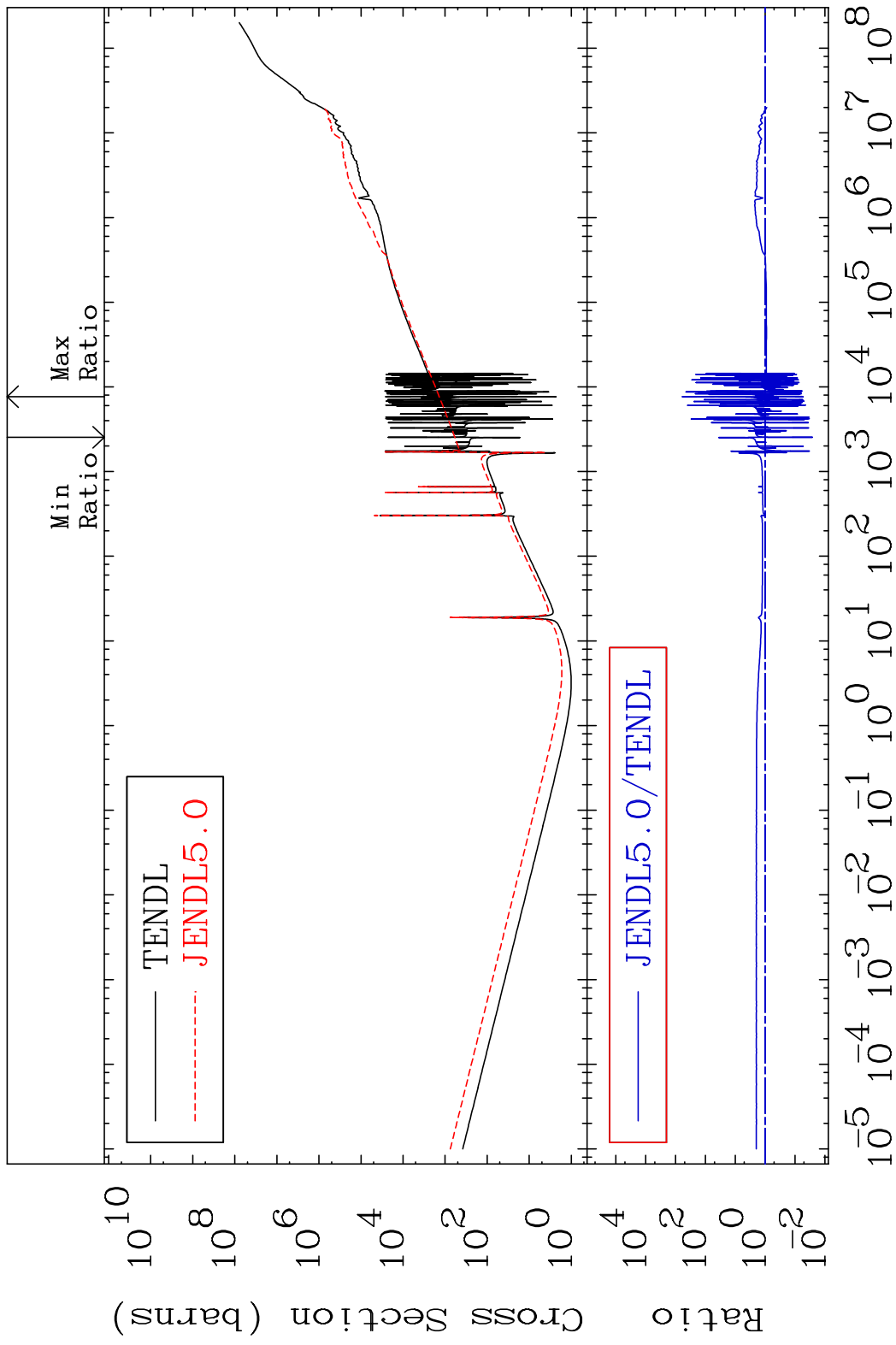


37

Incident Energy (eV)

78-Pt-196

MAT 7843 Kerma total (eV-barns) 78-Pt-196
 Cross Section -97.41 To 9999. %



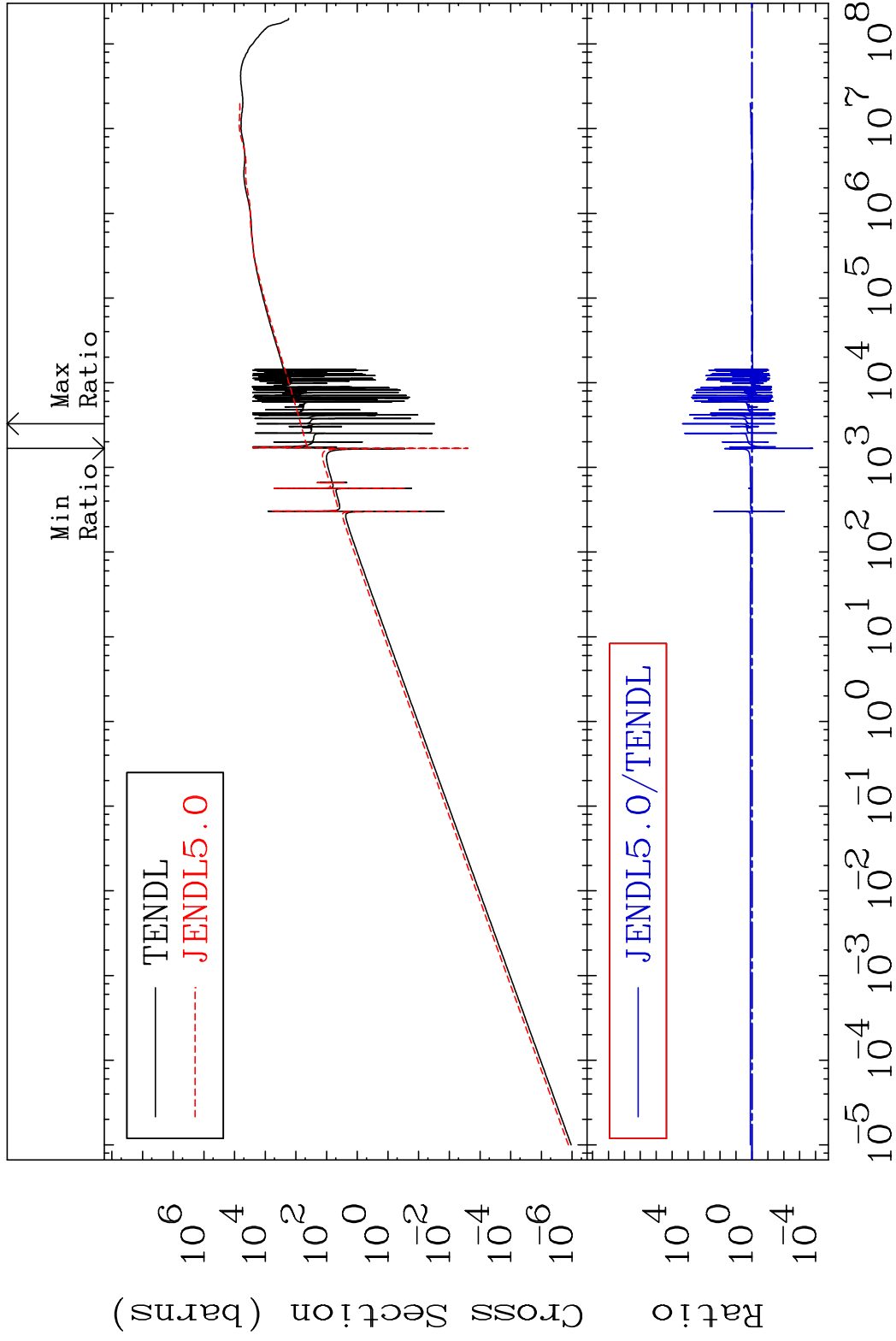
38 Incident Energy (eV) 78-Pt-196

MAT 7843

Kerma elastic

78-Pt-196

Cross Section -99.98 To 9999. %

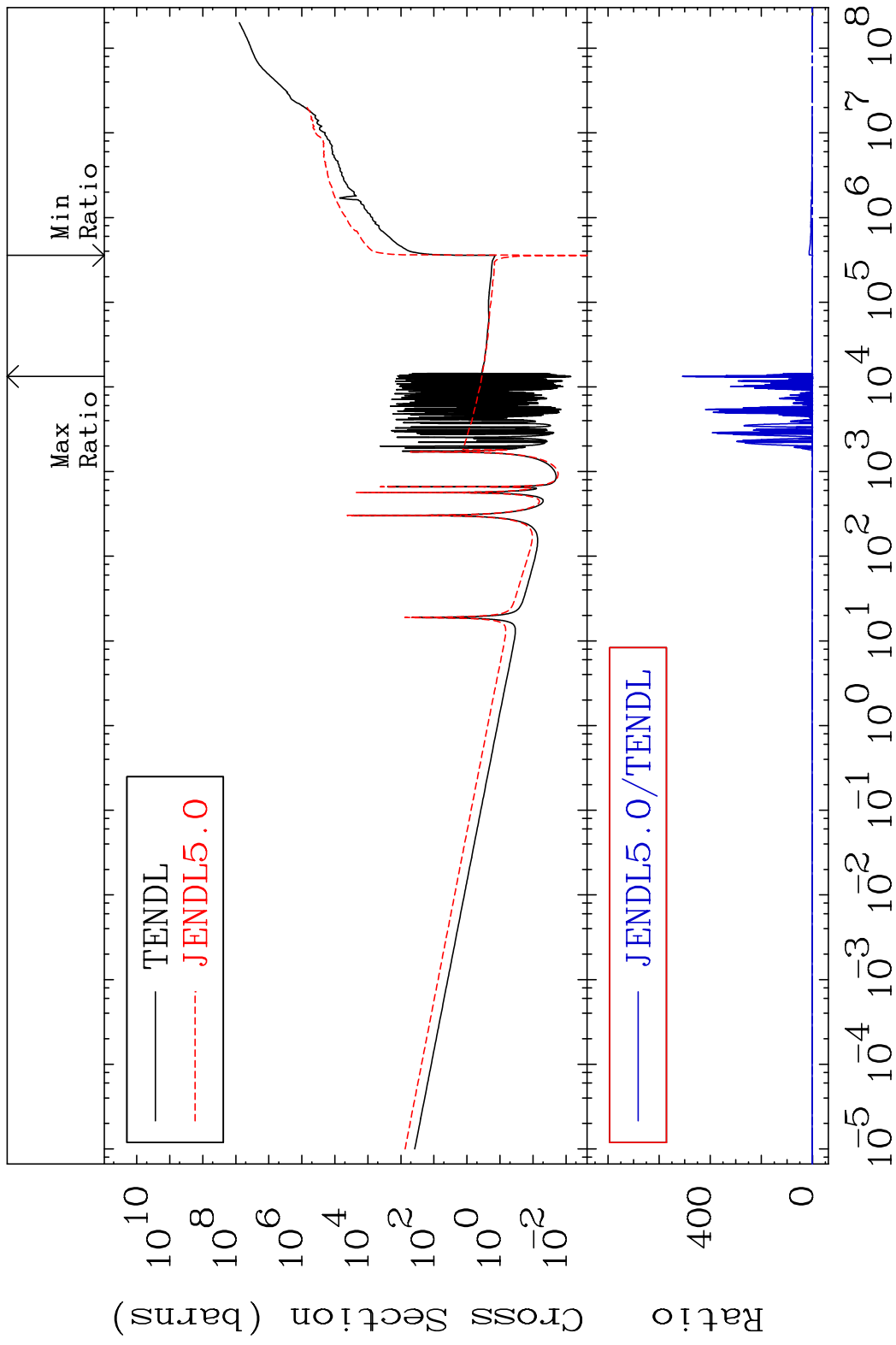


39

Incident Energy (eV)

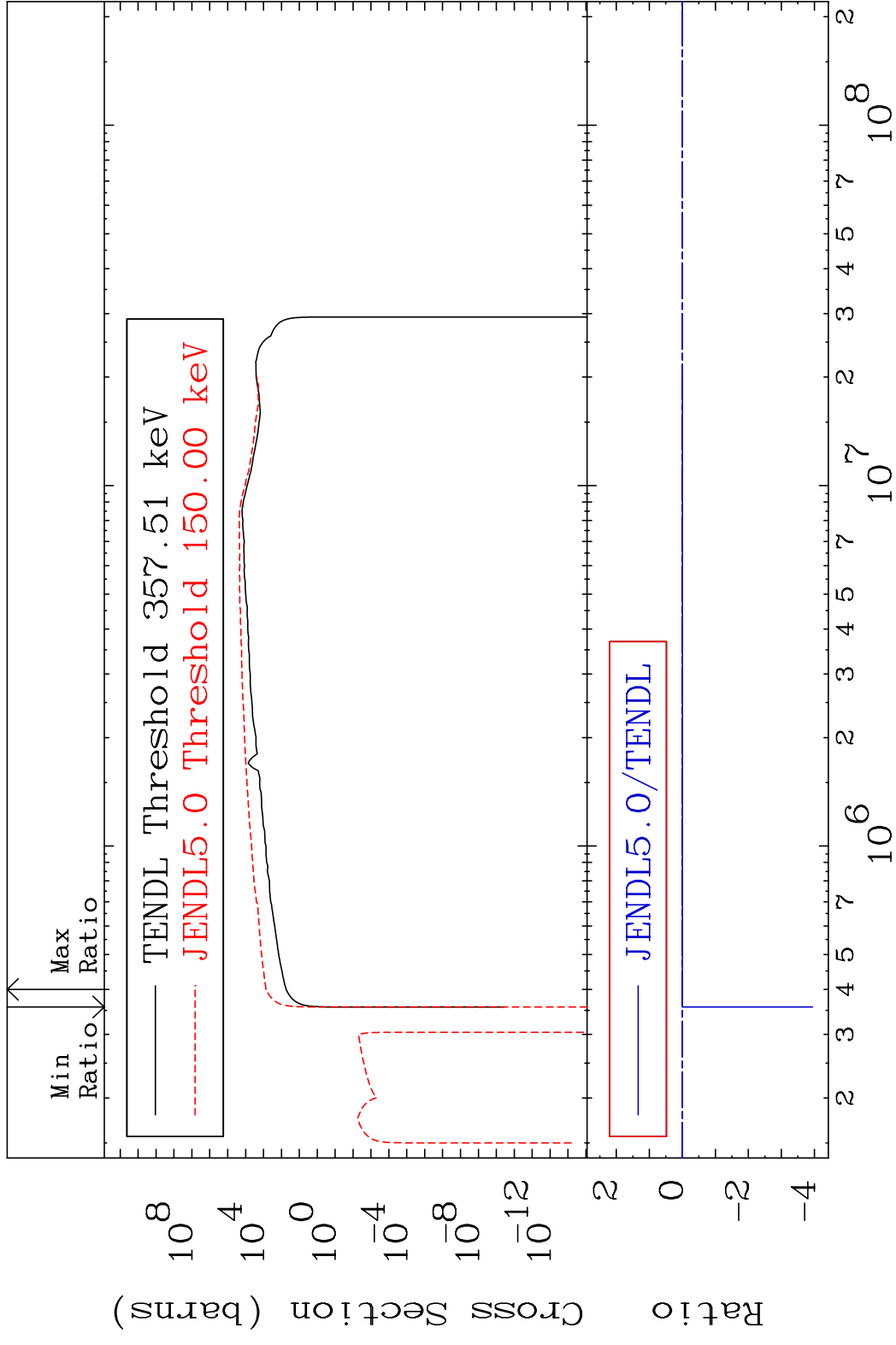
78-Pt-196

MAT 7843 Kerma non-elastic (all but mt2) 78-Pt-196
Cross Section -105.1 To 9999. %

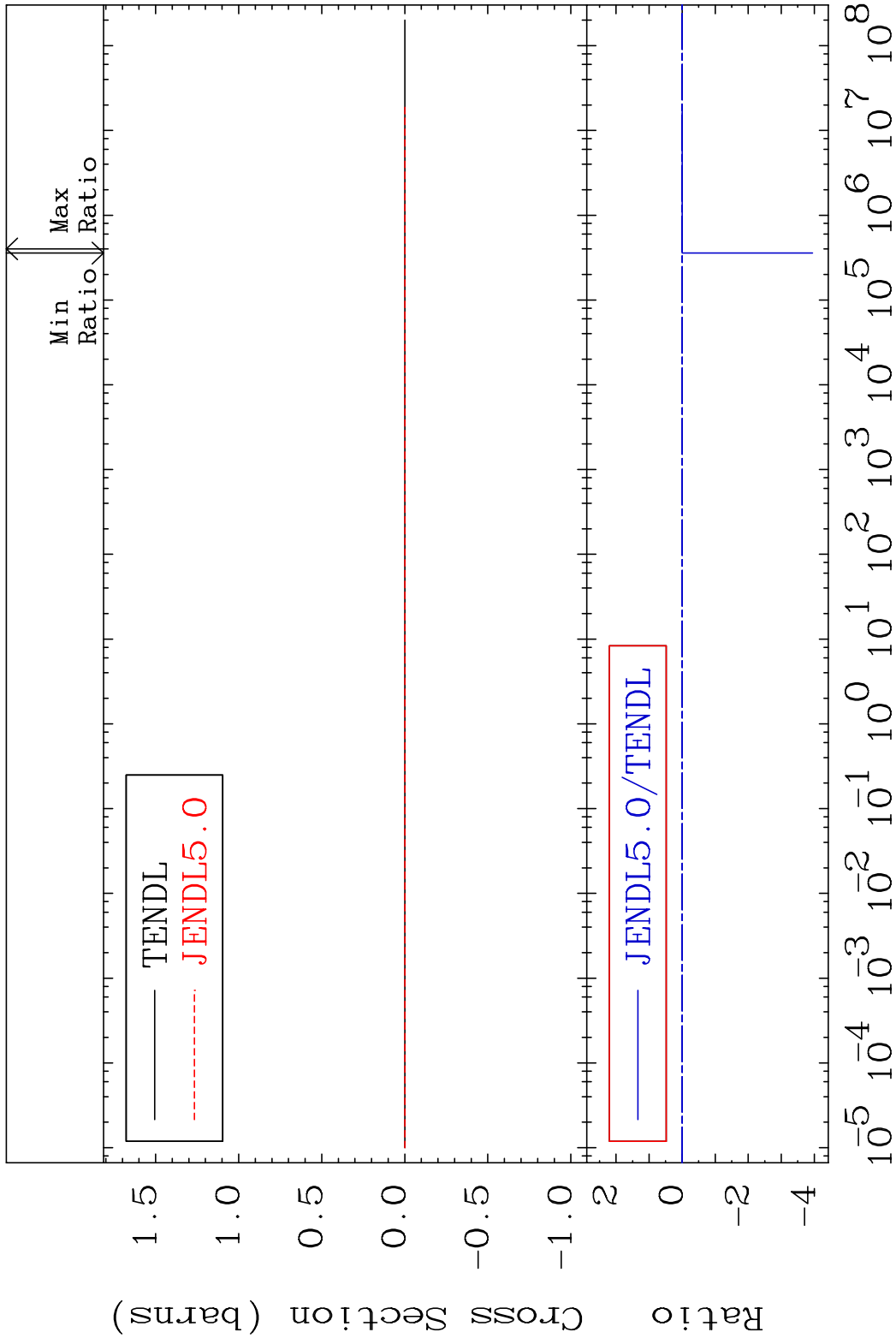


40 Incident Energy (eV) 78-Pt-196

MAT 7843 Kerma inelastic (mt51-91) 78-Pt-196
 Cross Section -9999. To 1229. %

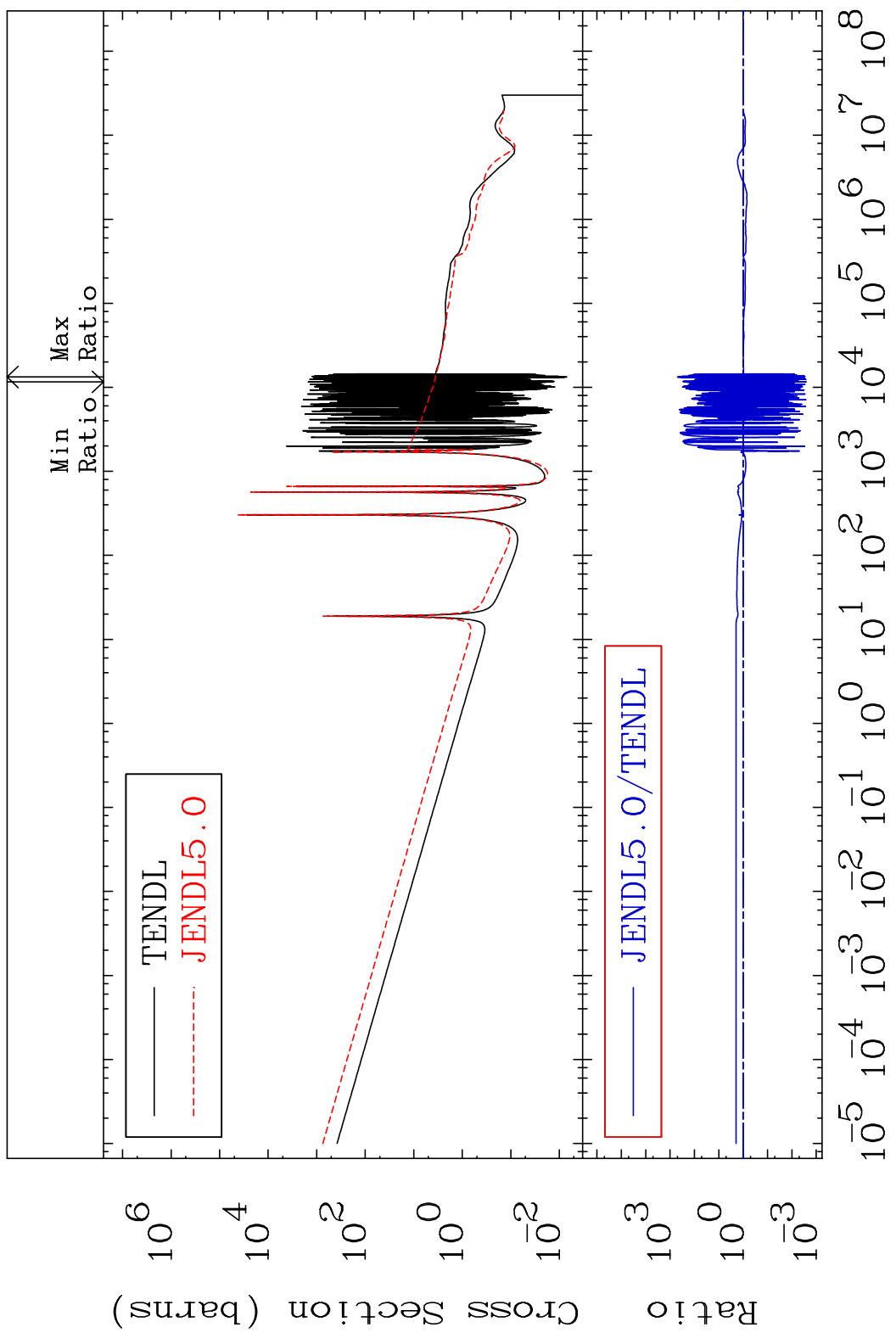


MAT 7843 Kerma fission (mt18 or mt19-20-21-38)78-Pt-196
 Cross Section -9999. To 1229. %



MAT 7843

Kerma capture (mt102) 78-Pt-196
Cross Section -99.75 To 9999. %

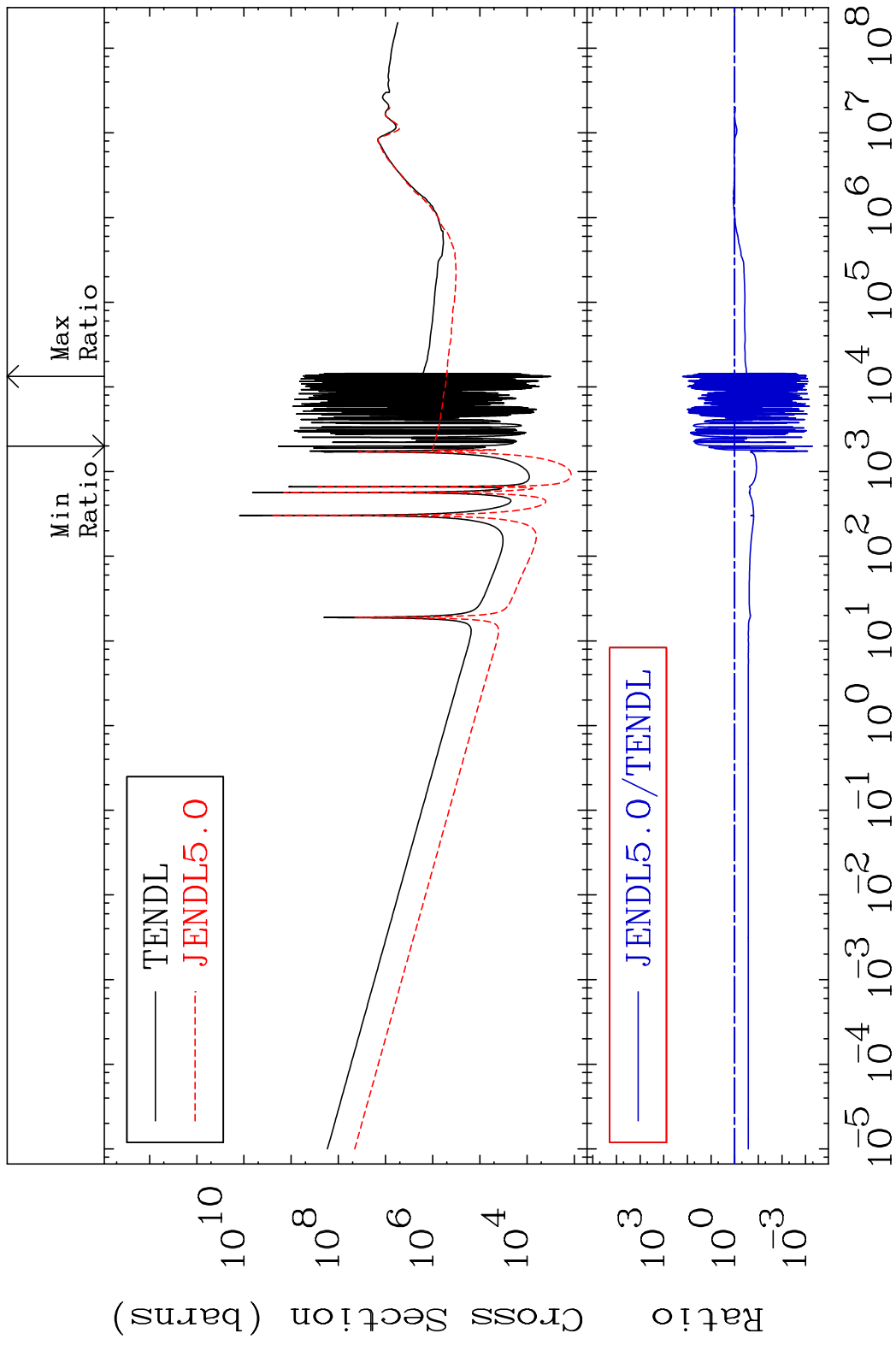


43

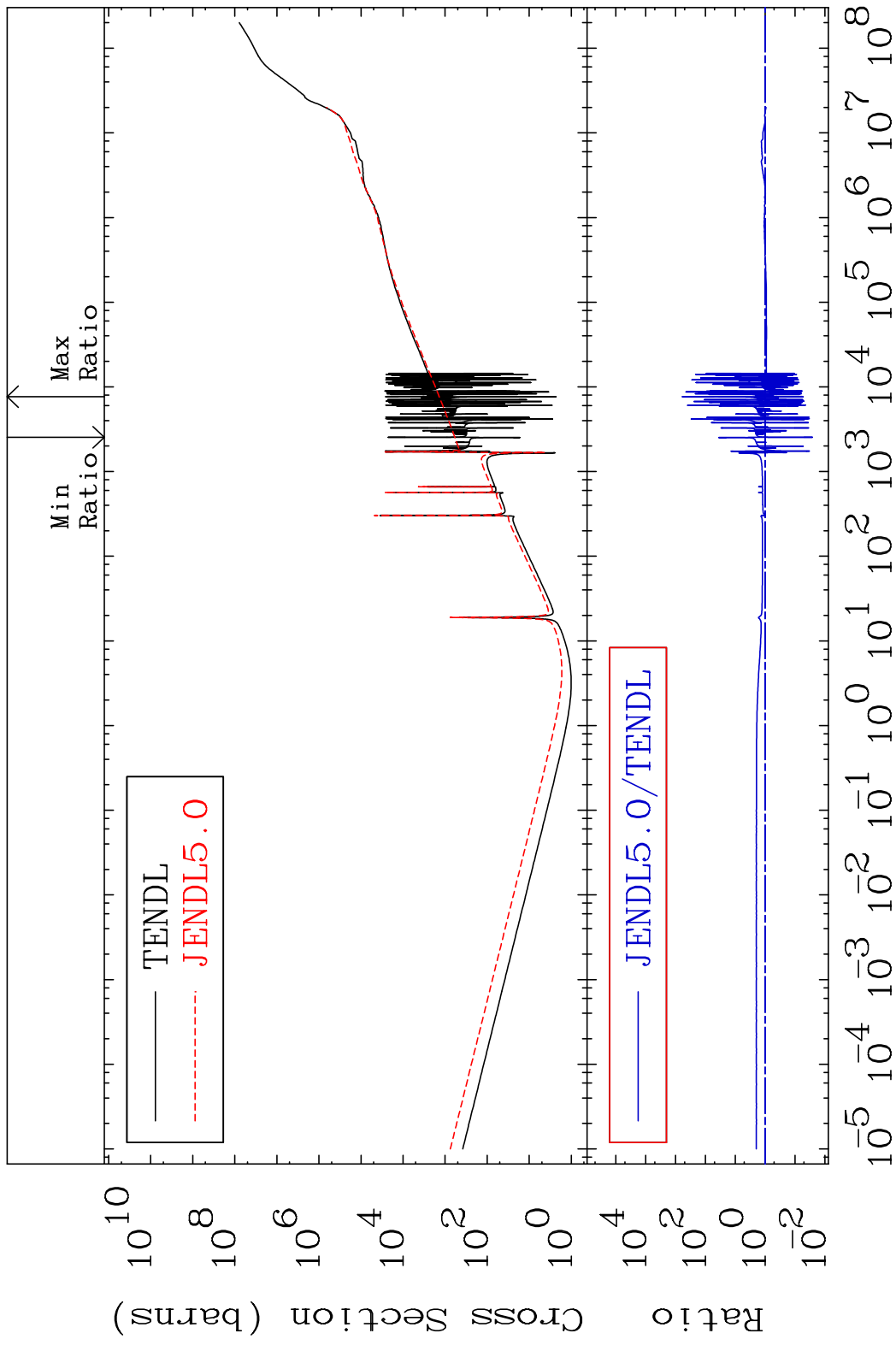
Incident Energy (eV)

78-Pt-196

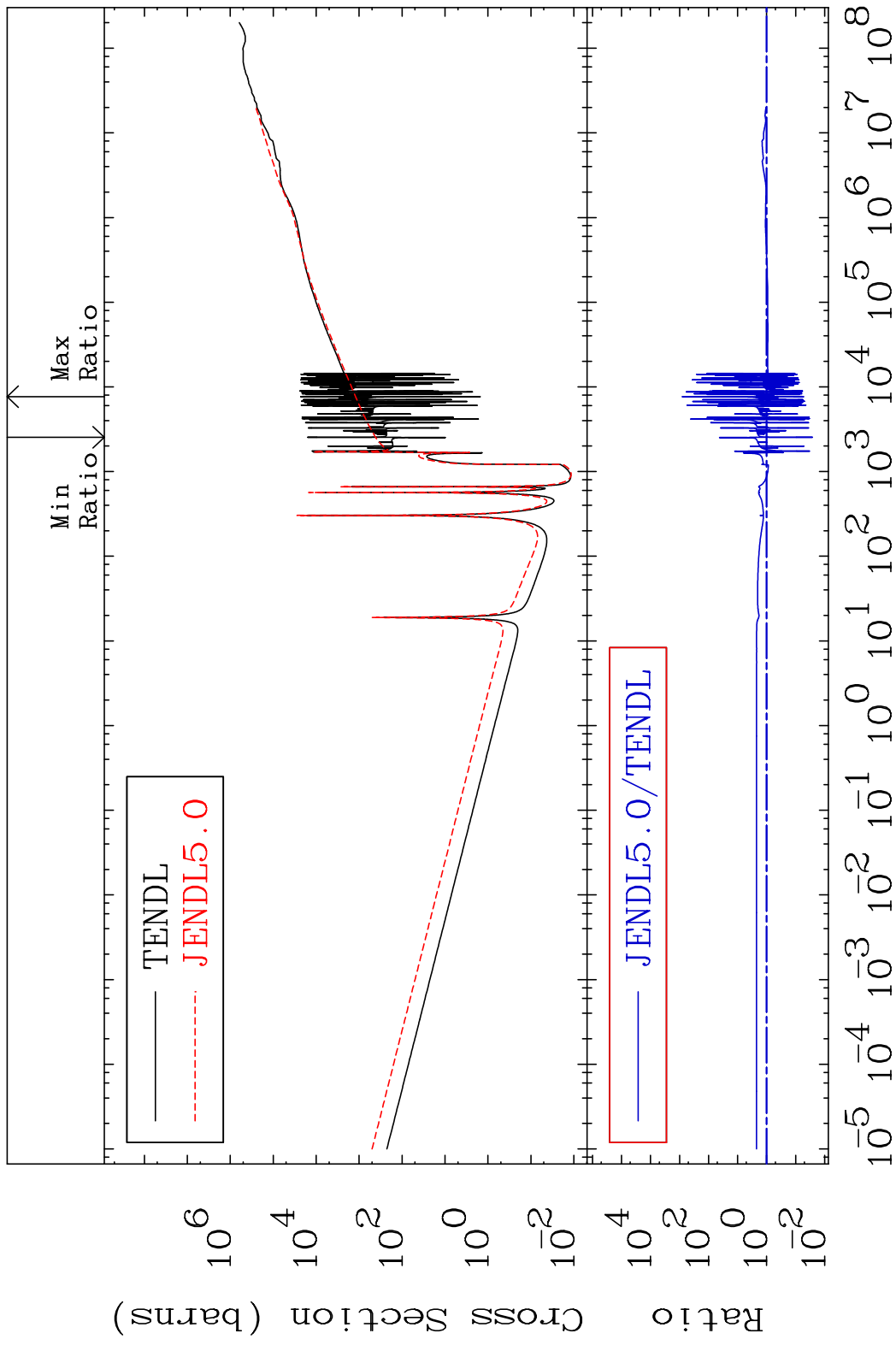
MAT 7843 Total photon (eV-barns) 78-Pt-196
 Cross Section -99.95 To 9999. %



MAT 7843 Total kinematic kerma (high limit) 78-Pt-196
Cross Section -97.41 To 9999. %



MAT 7843 Dpa total (eV-barns) 78-Pt-196
 Cross Section -97.39 To 9999. %

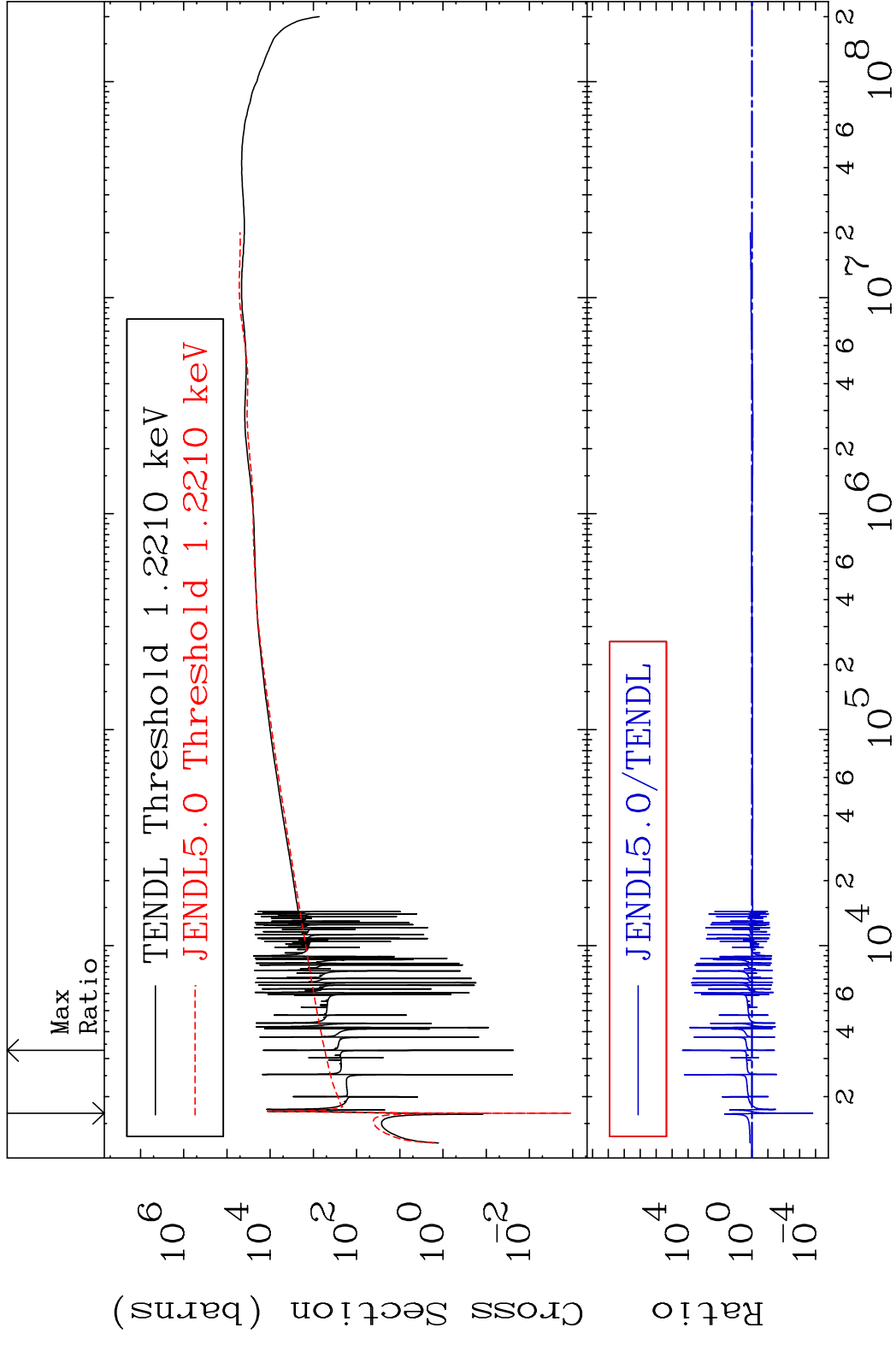


MAT 7843

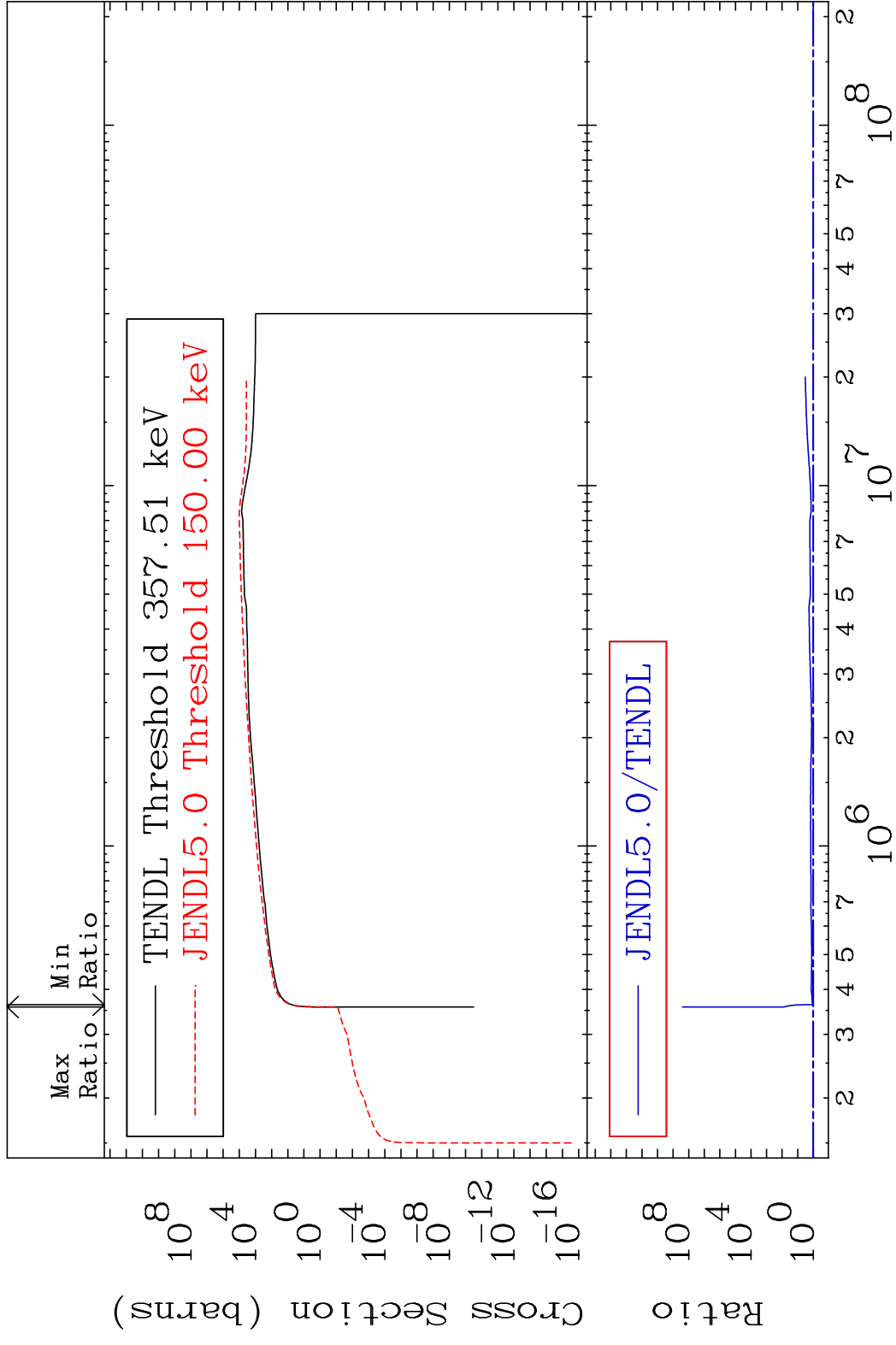
Dpa elastic (mt2)

78-Pt-196

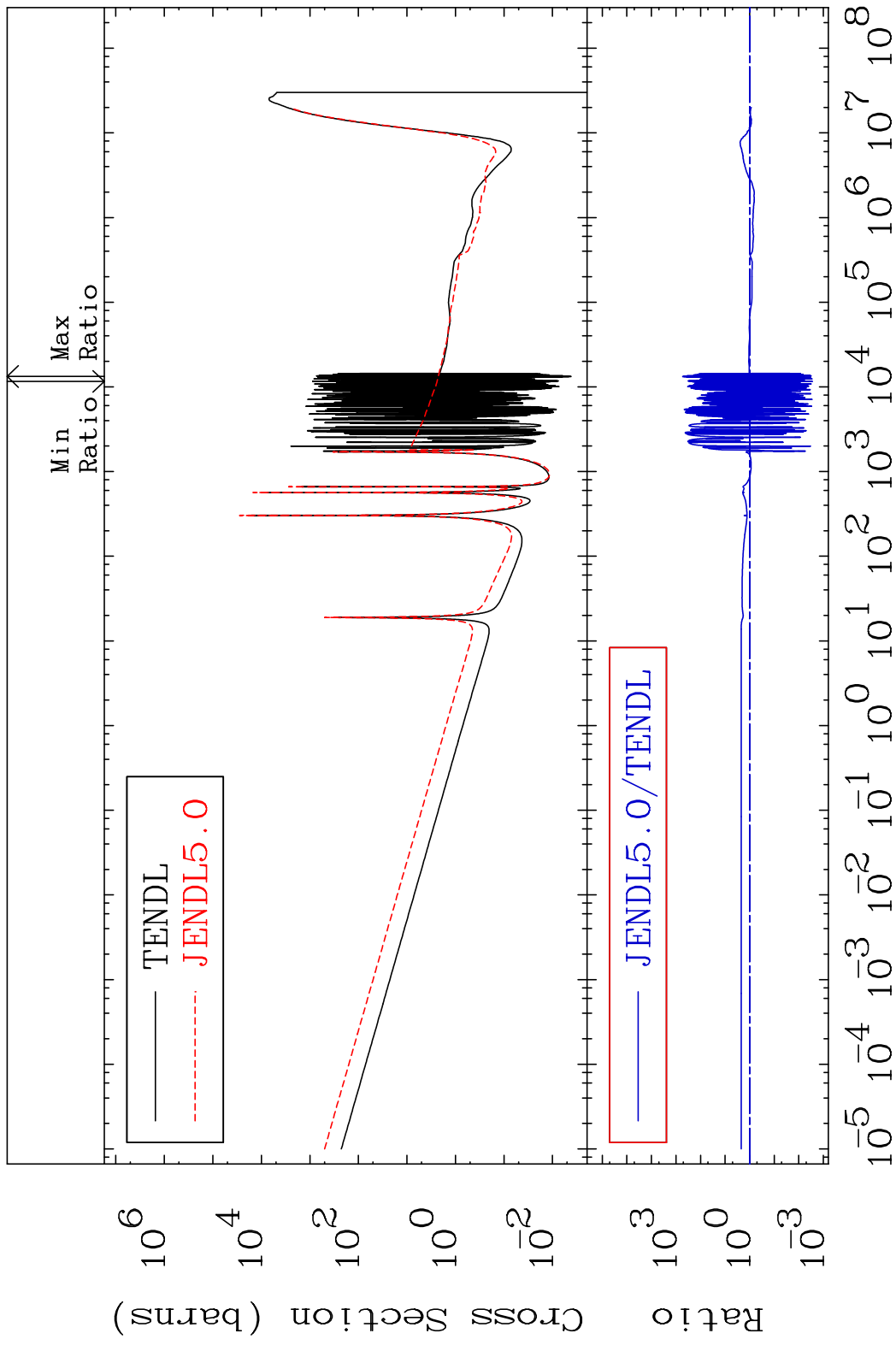
Cross Section -99.98 To 9999. %

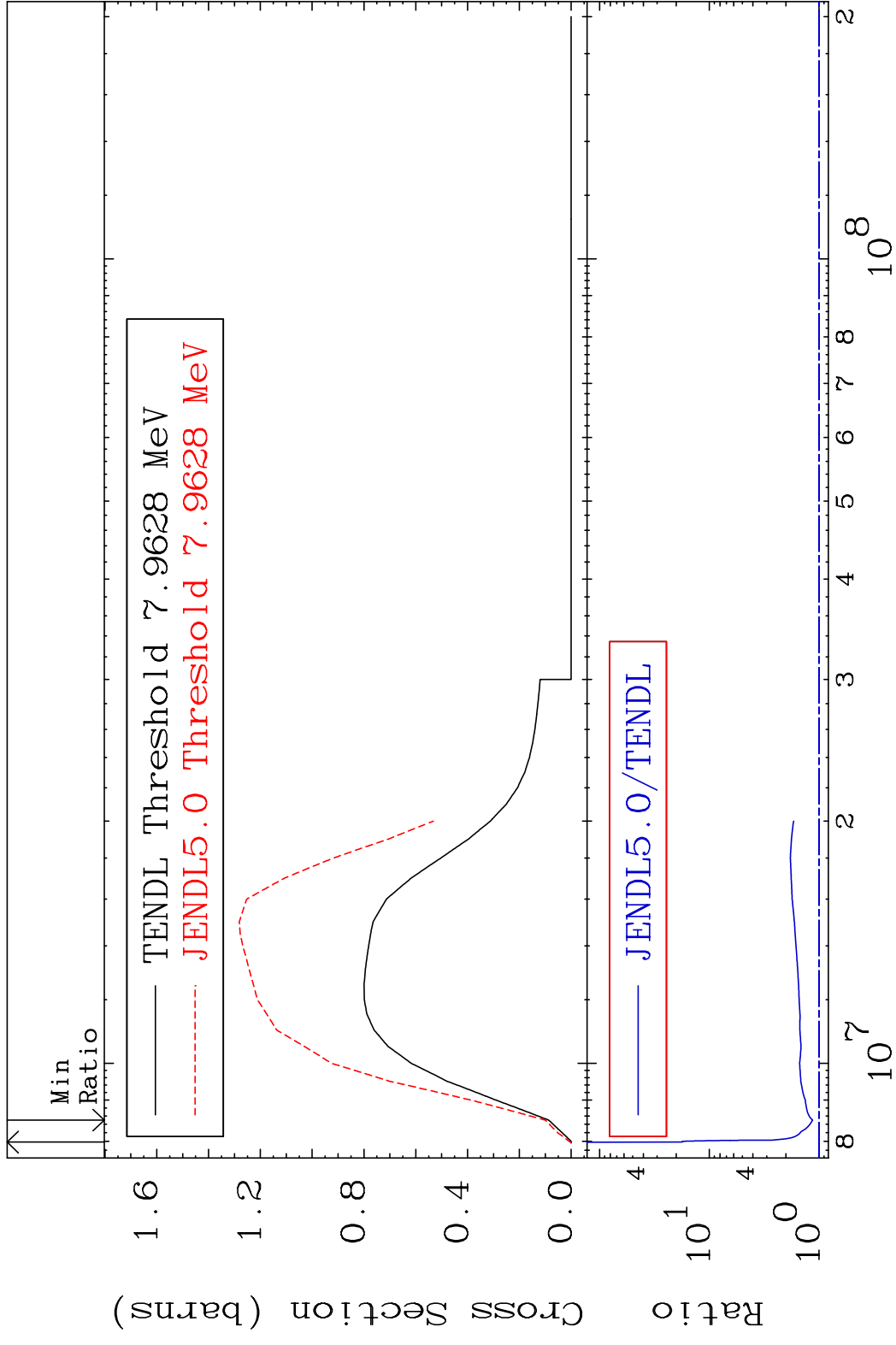


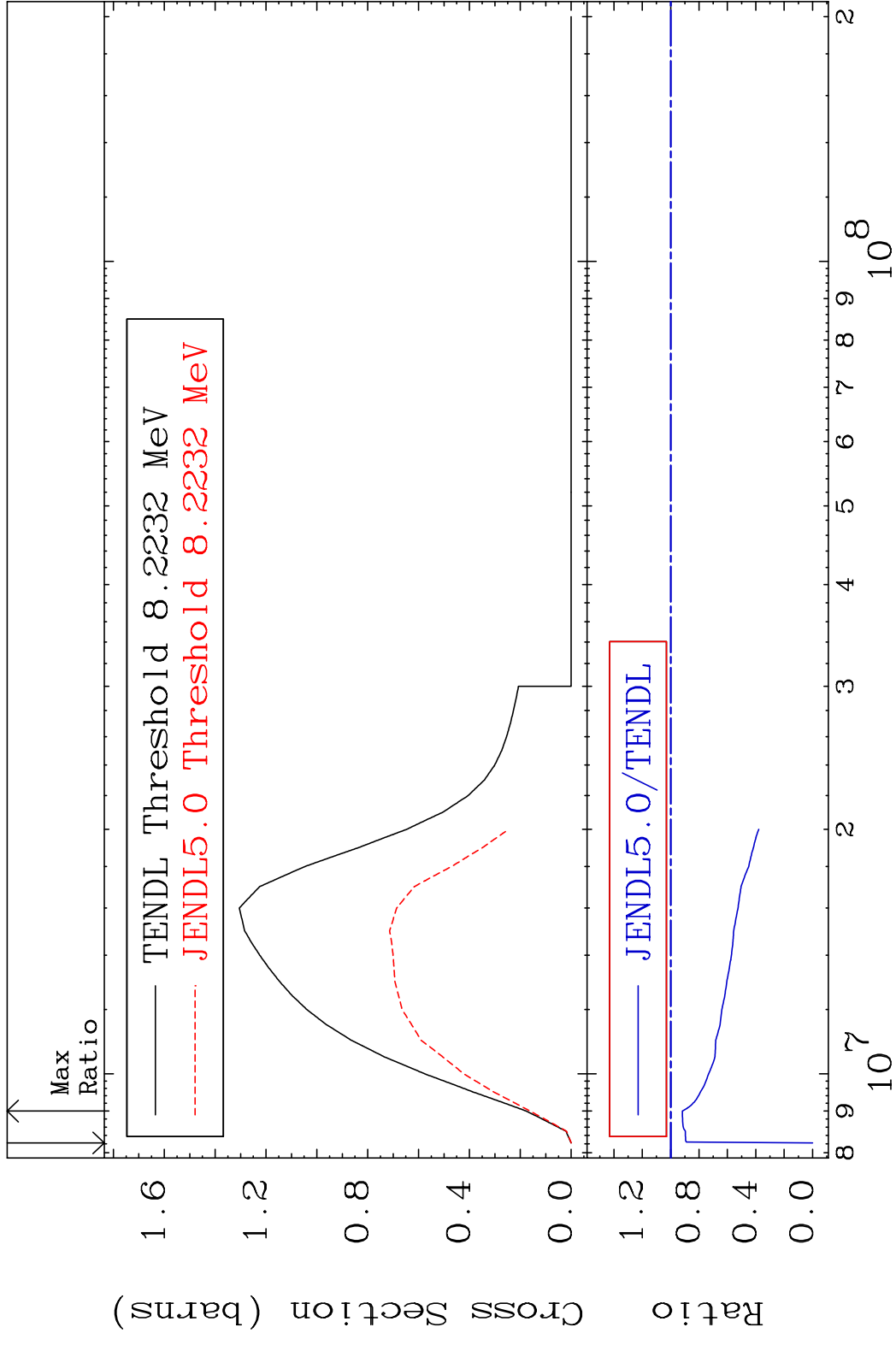
MAT 7843 Dpa inelastic (mt51-91) 78-Pt-196
 Cross Section 11.79 To 9999. %

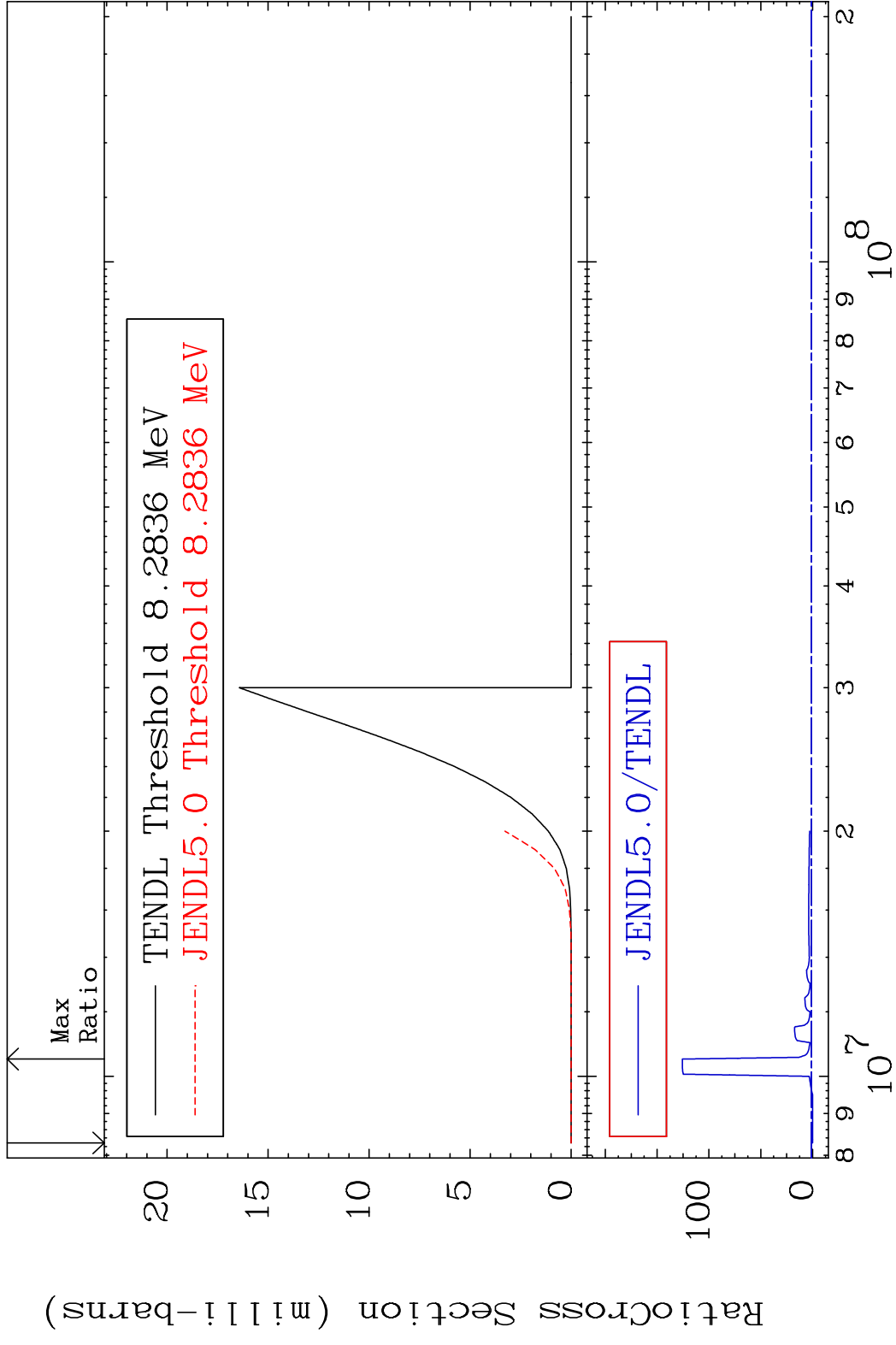


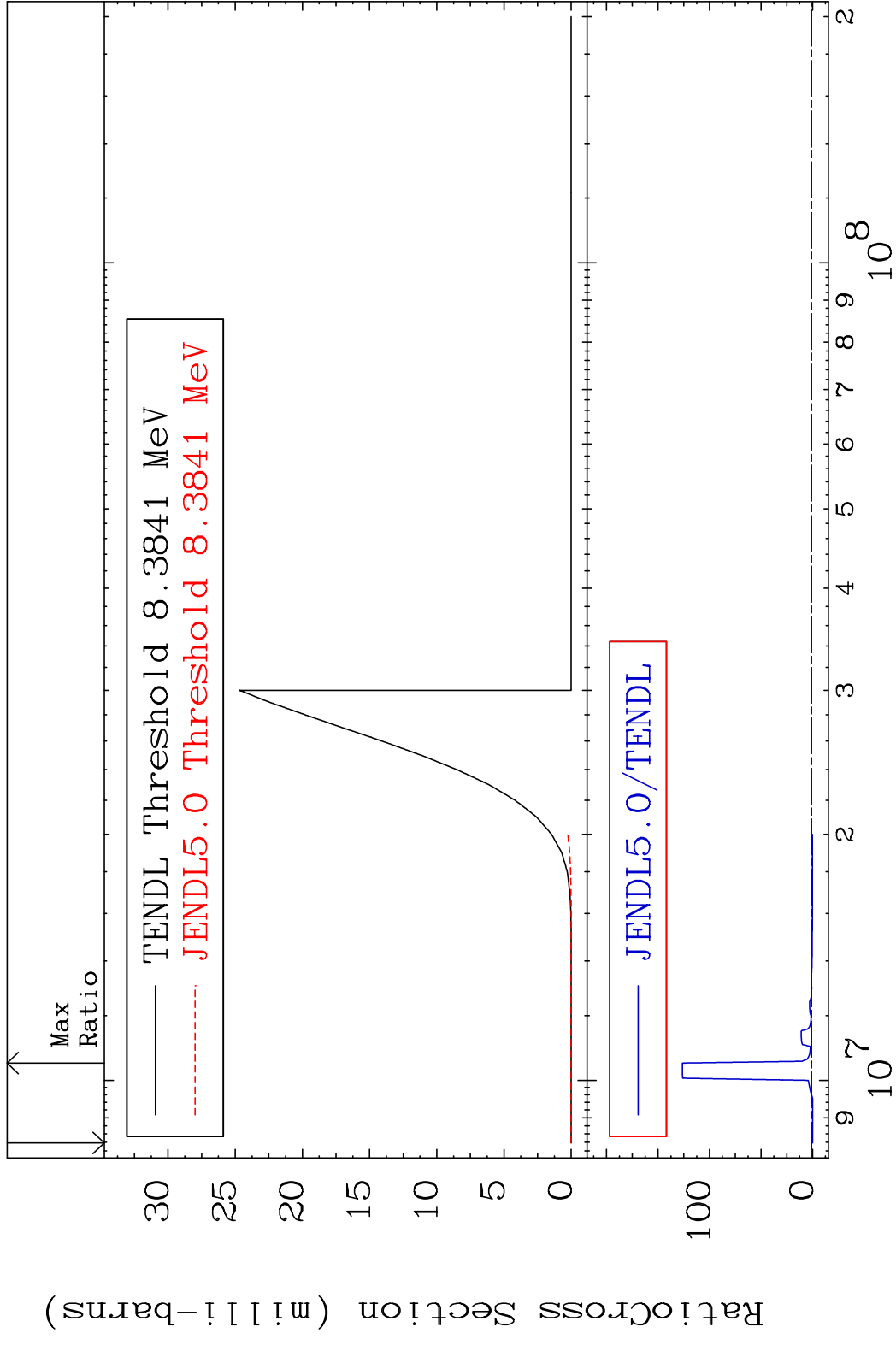
MAT 7843 Dpa disappearance (mt102 -120) 78-Pt-196
Cross Section -99.72 To 9999. %

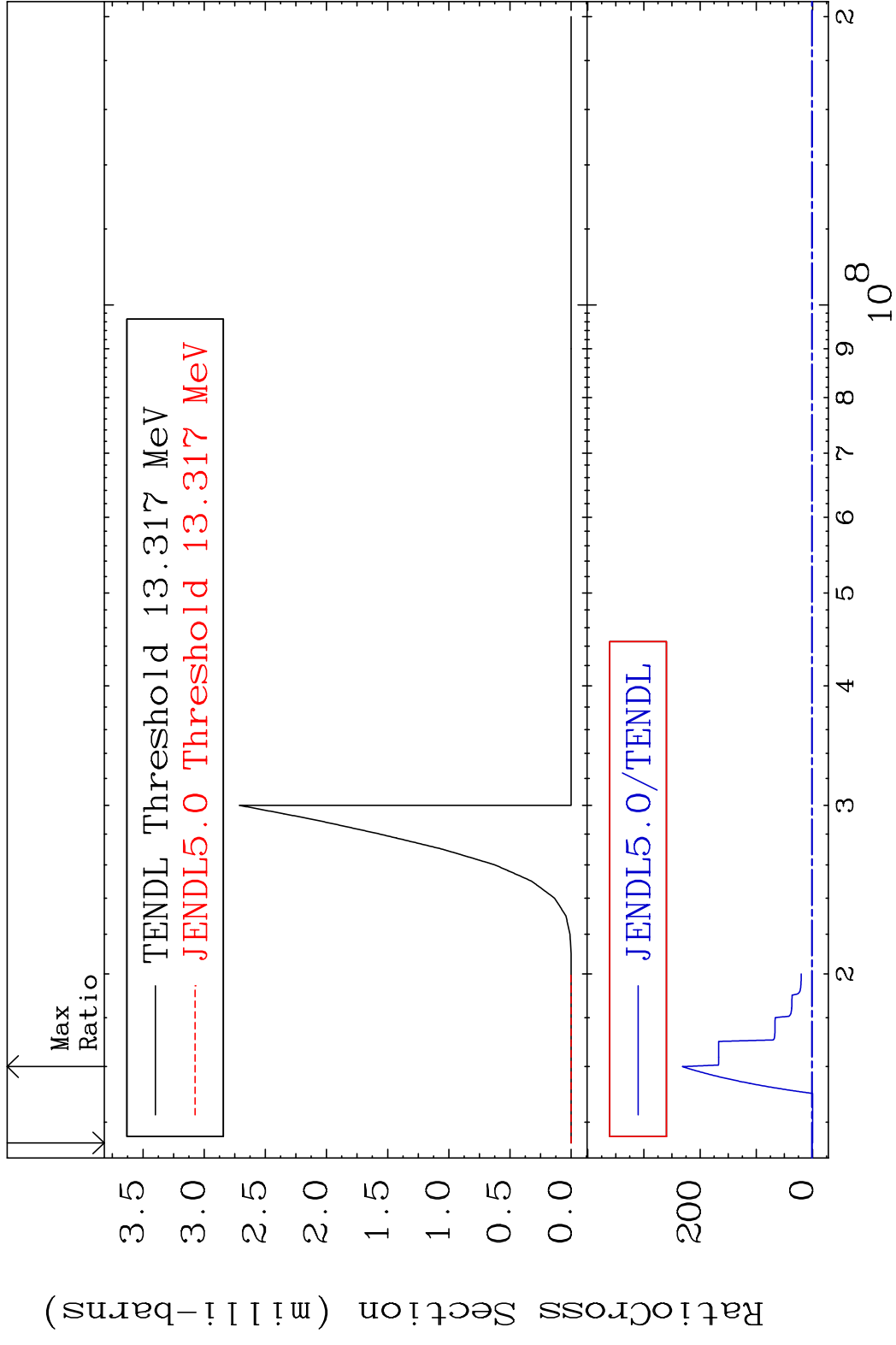


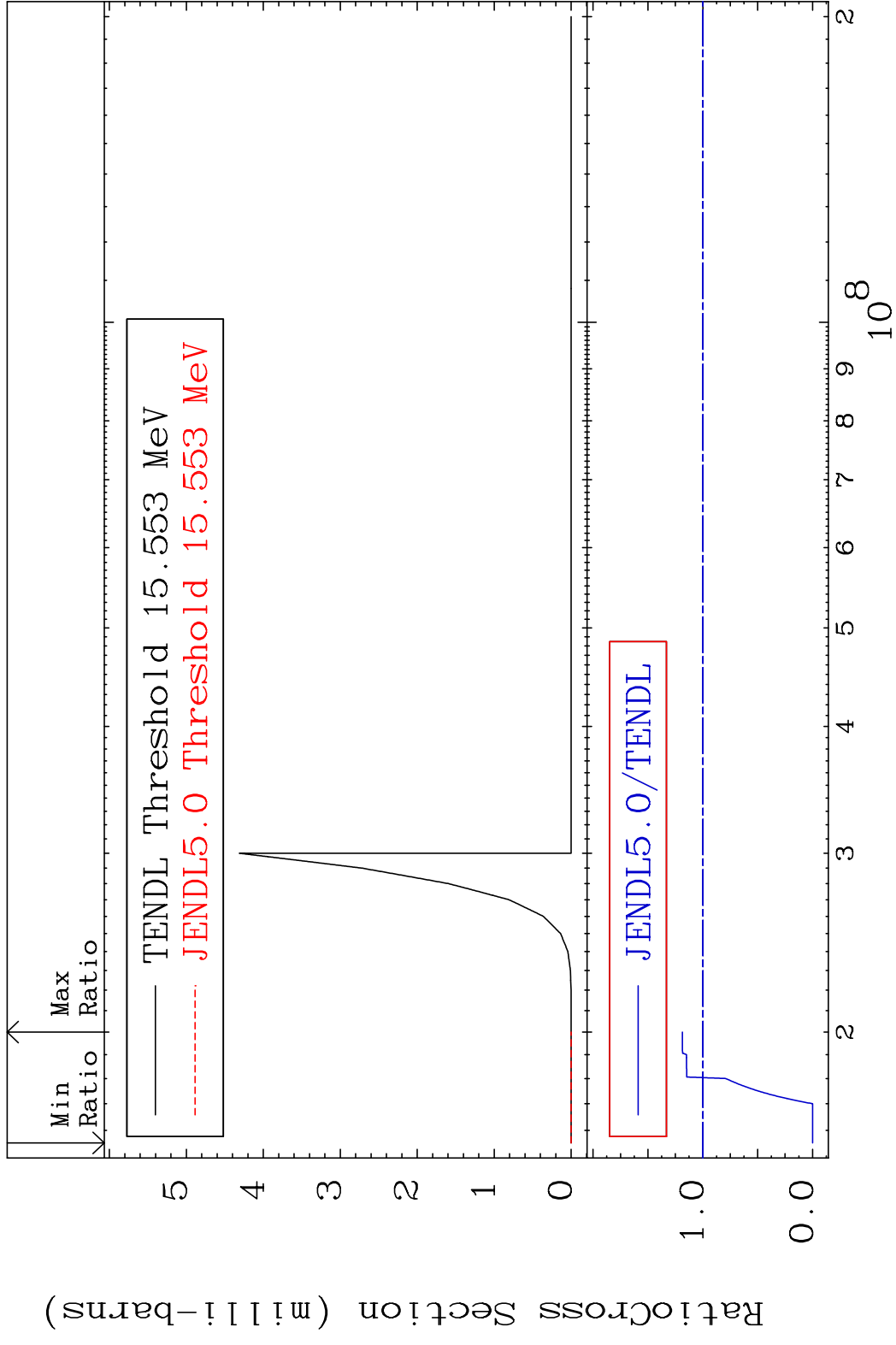


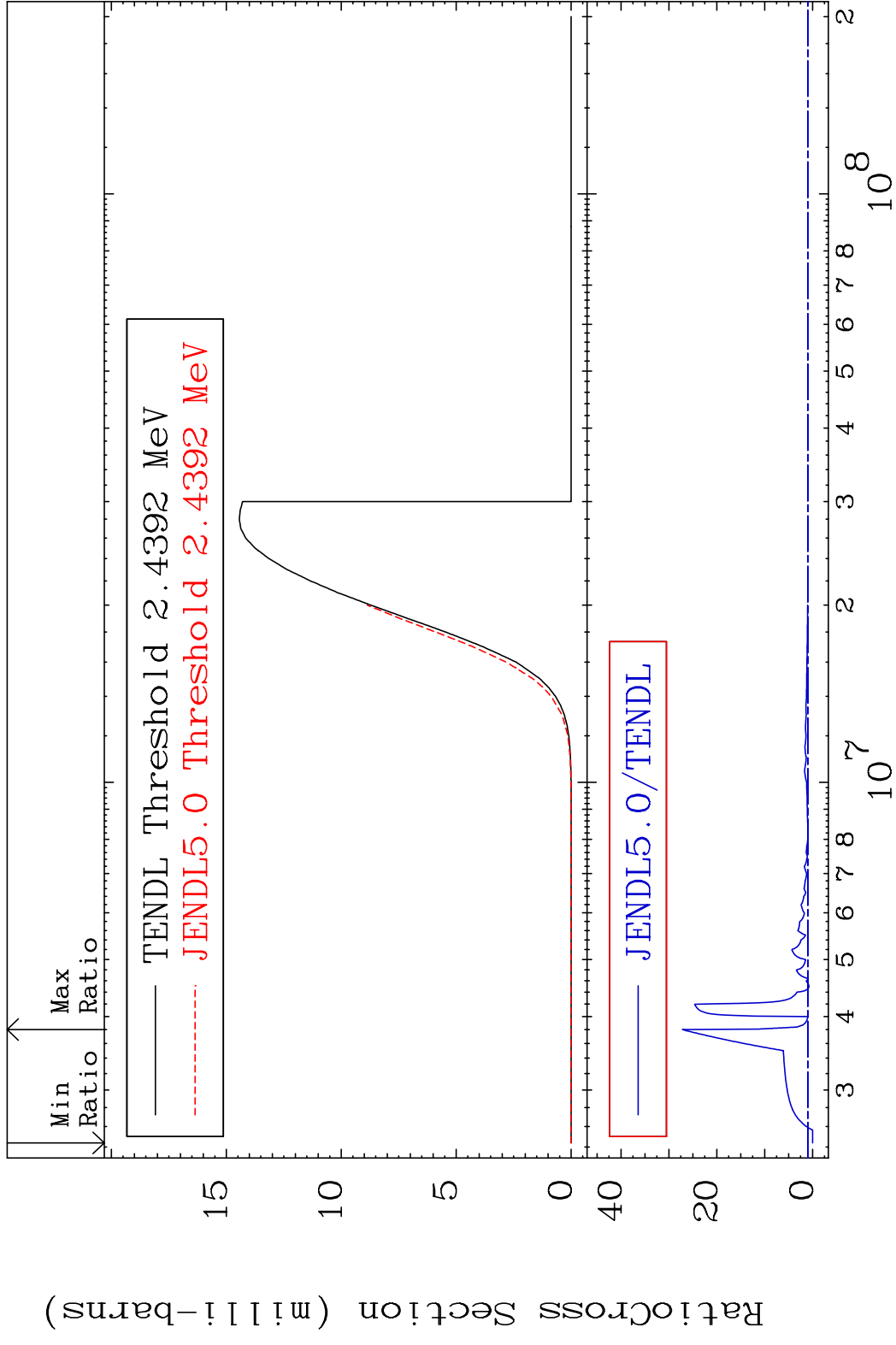


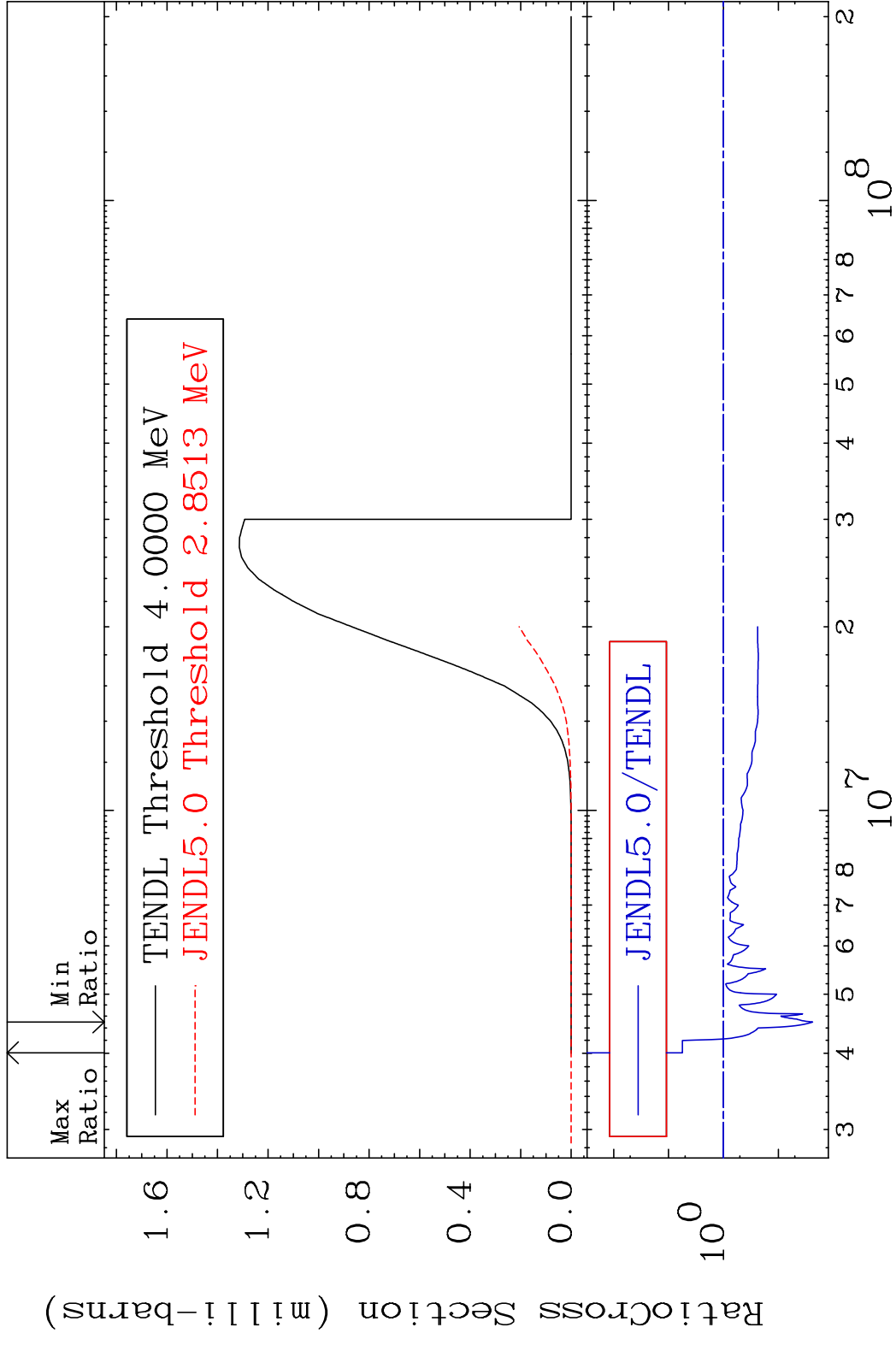


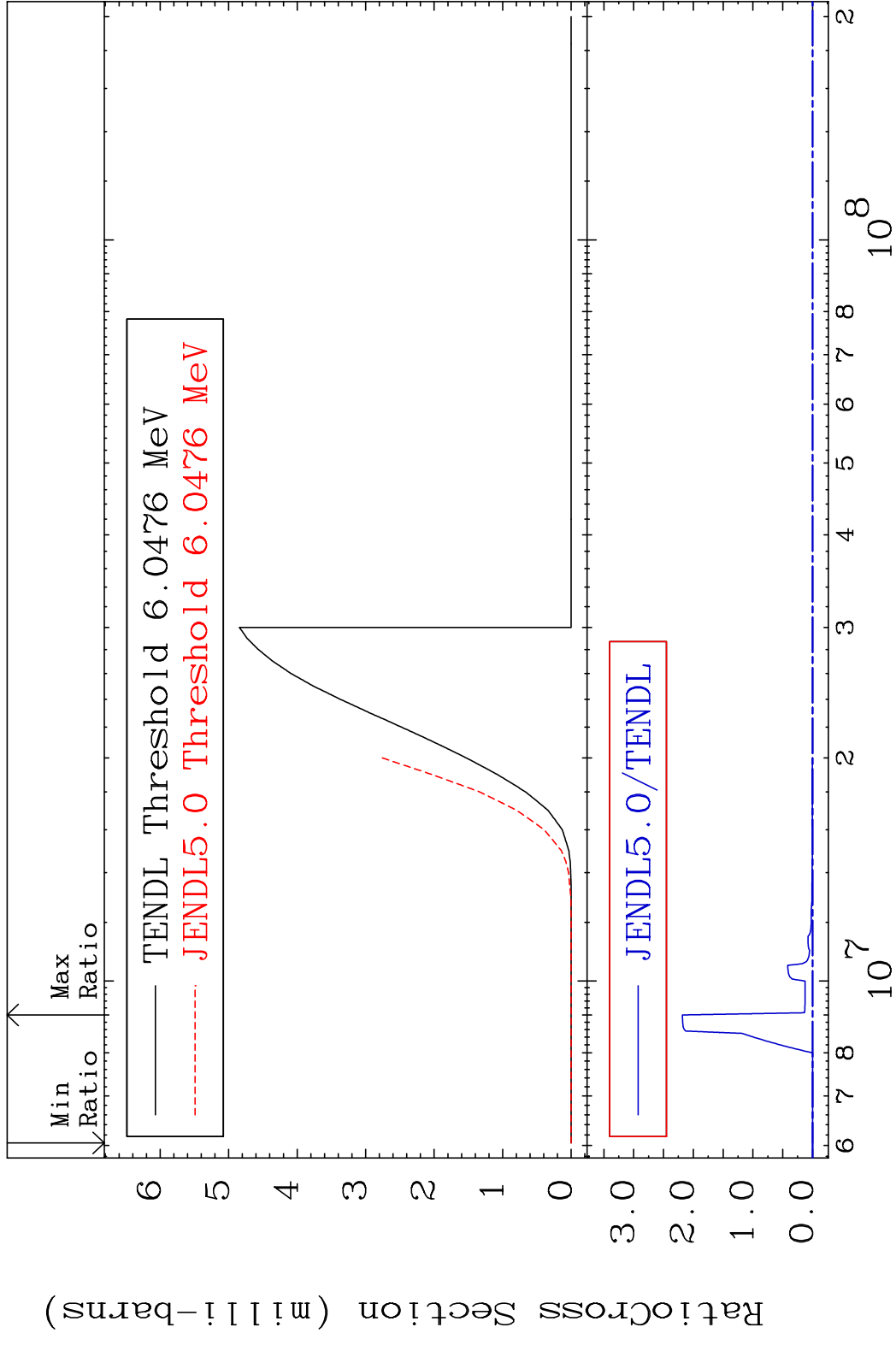


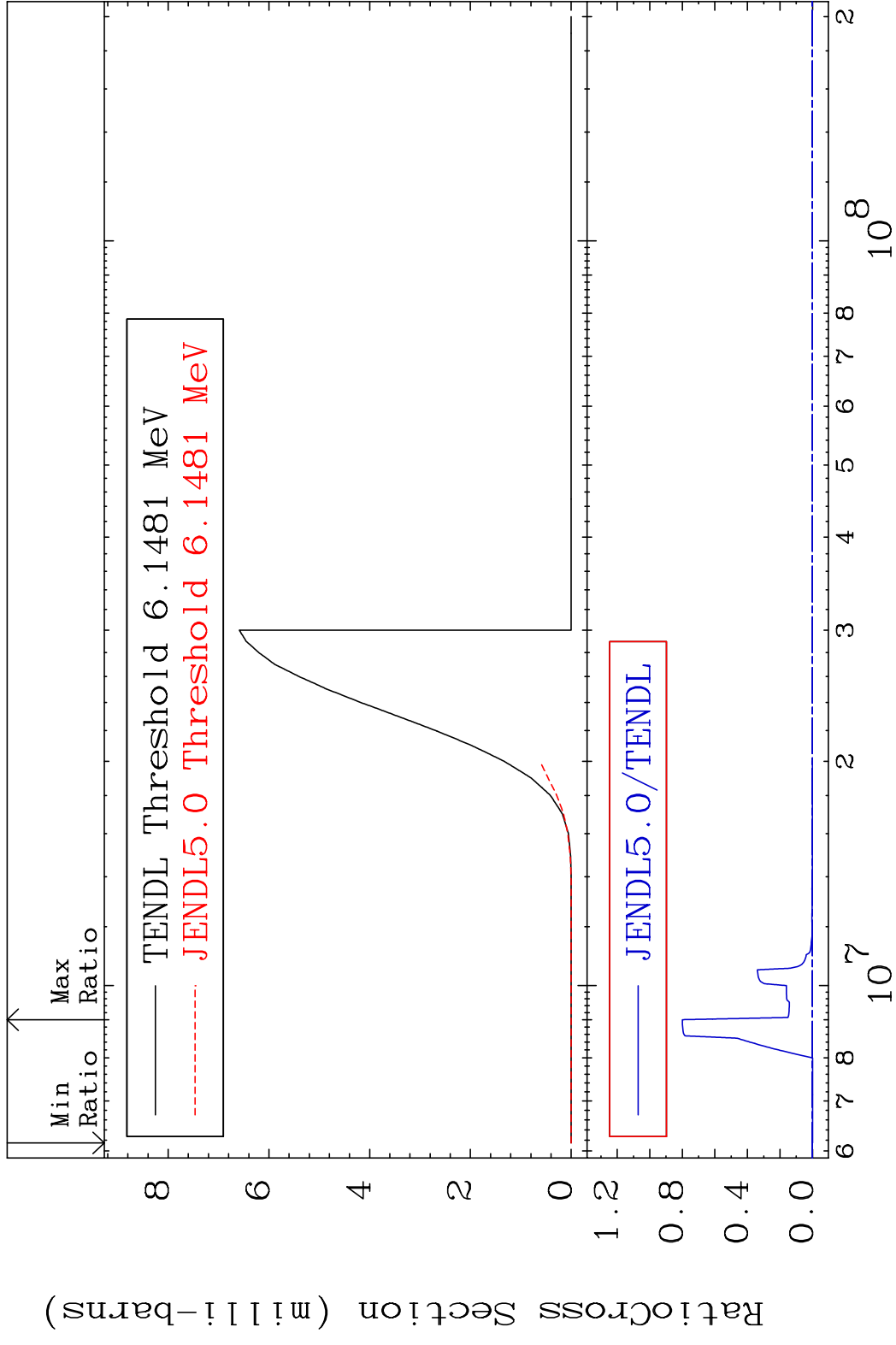


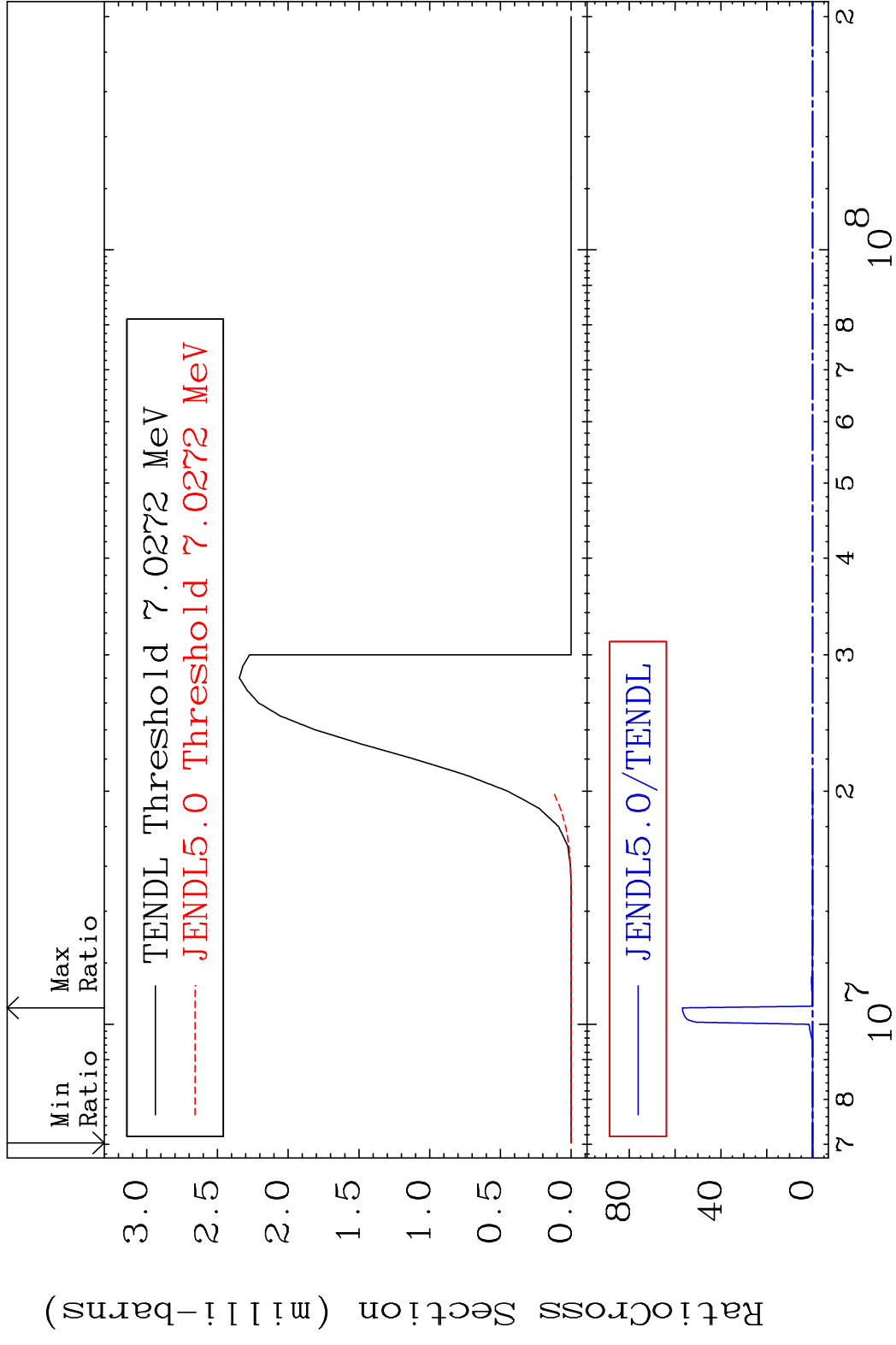




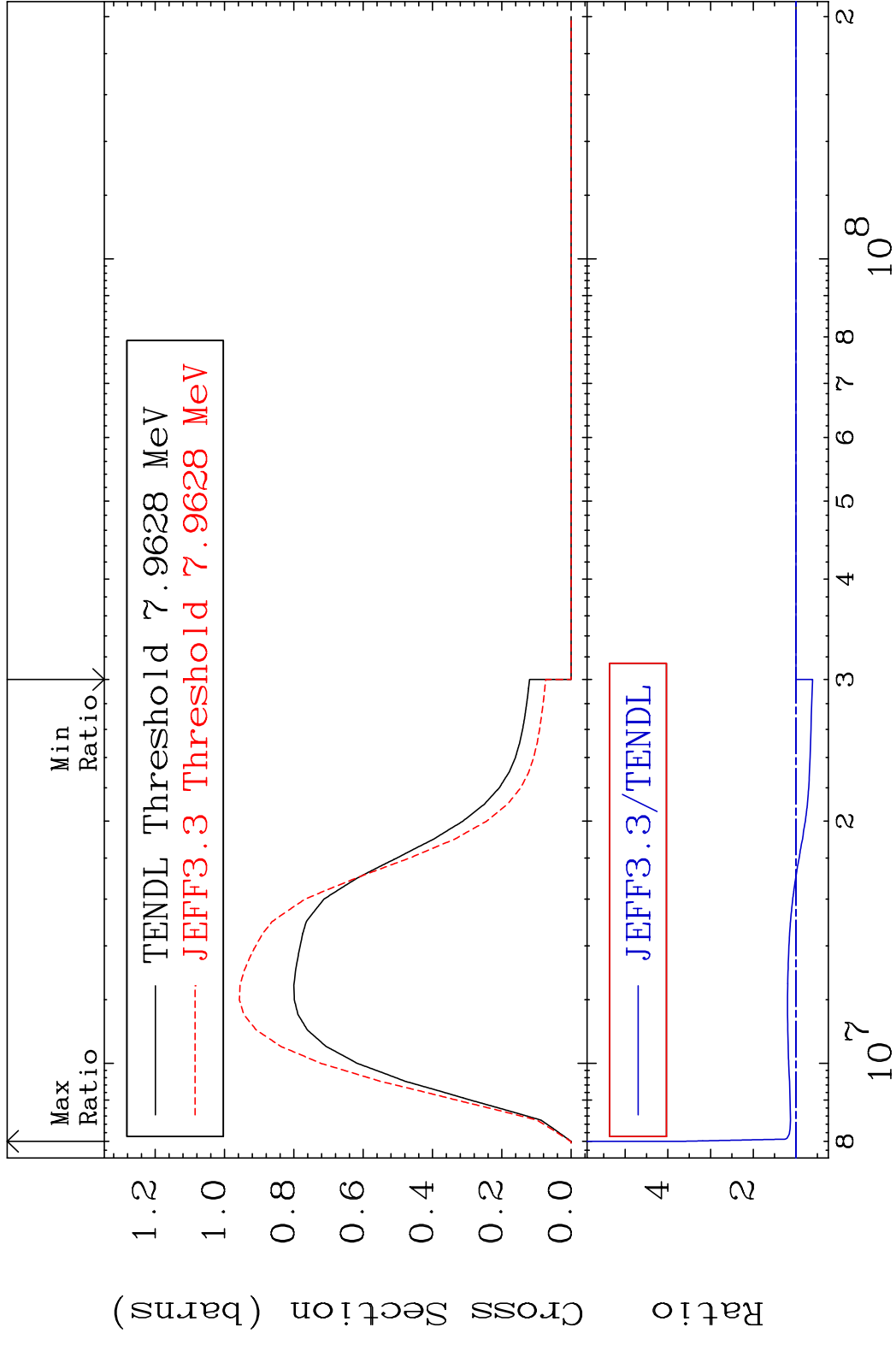




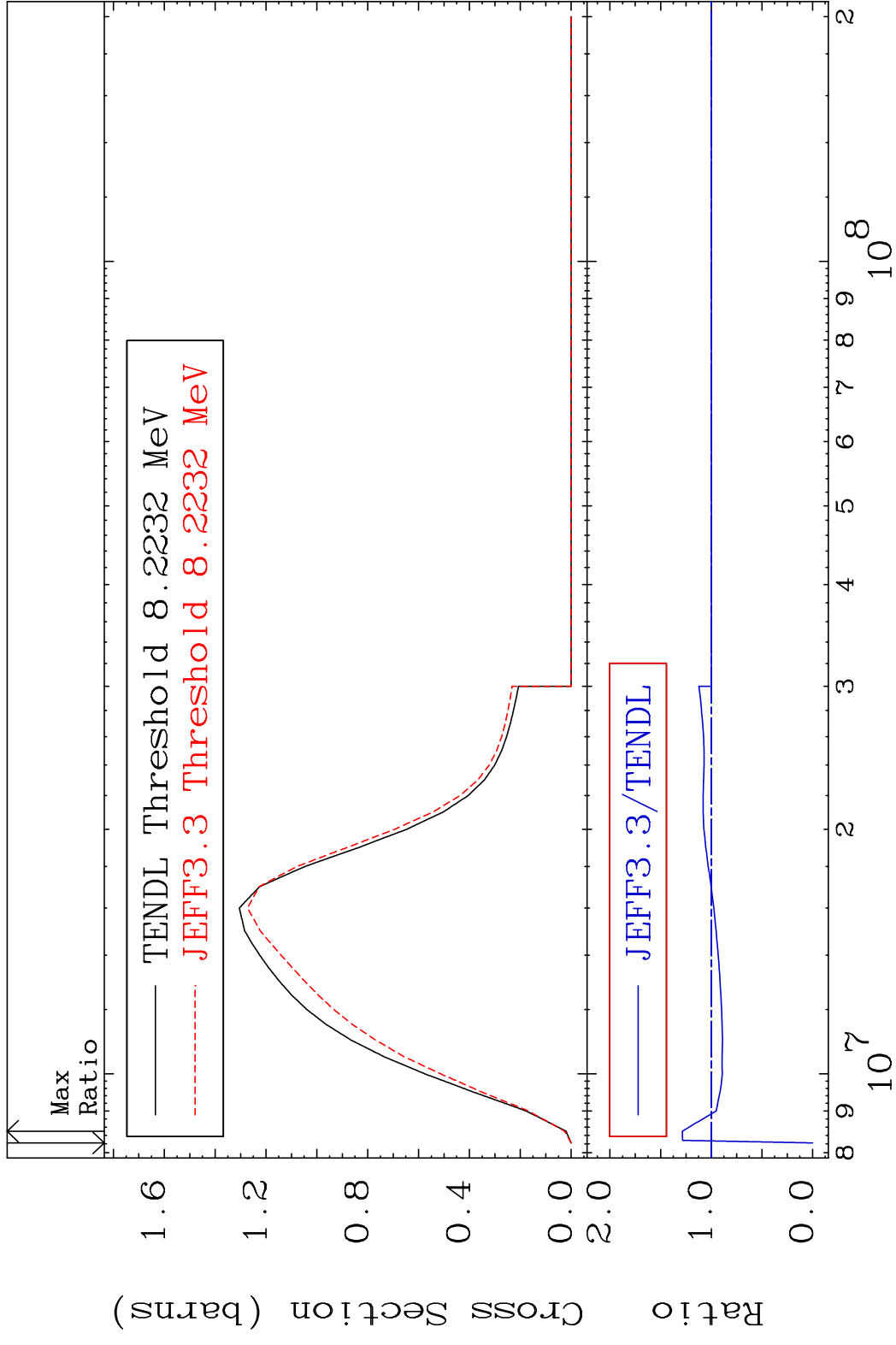


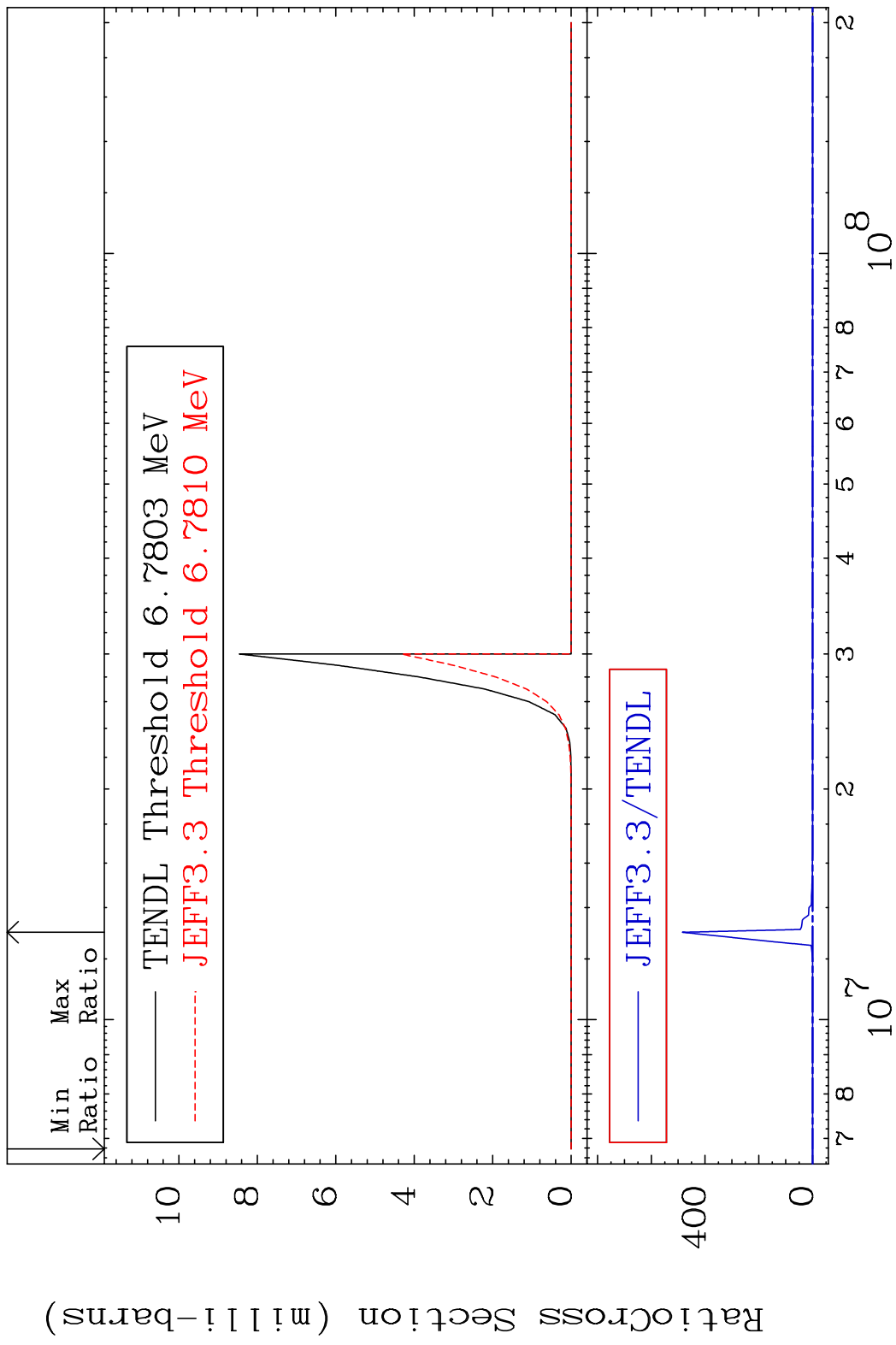


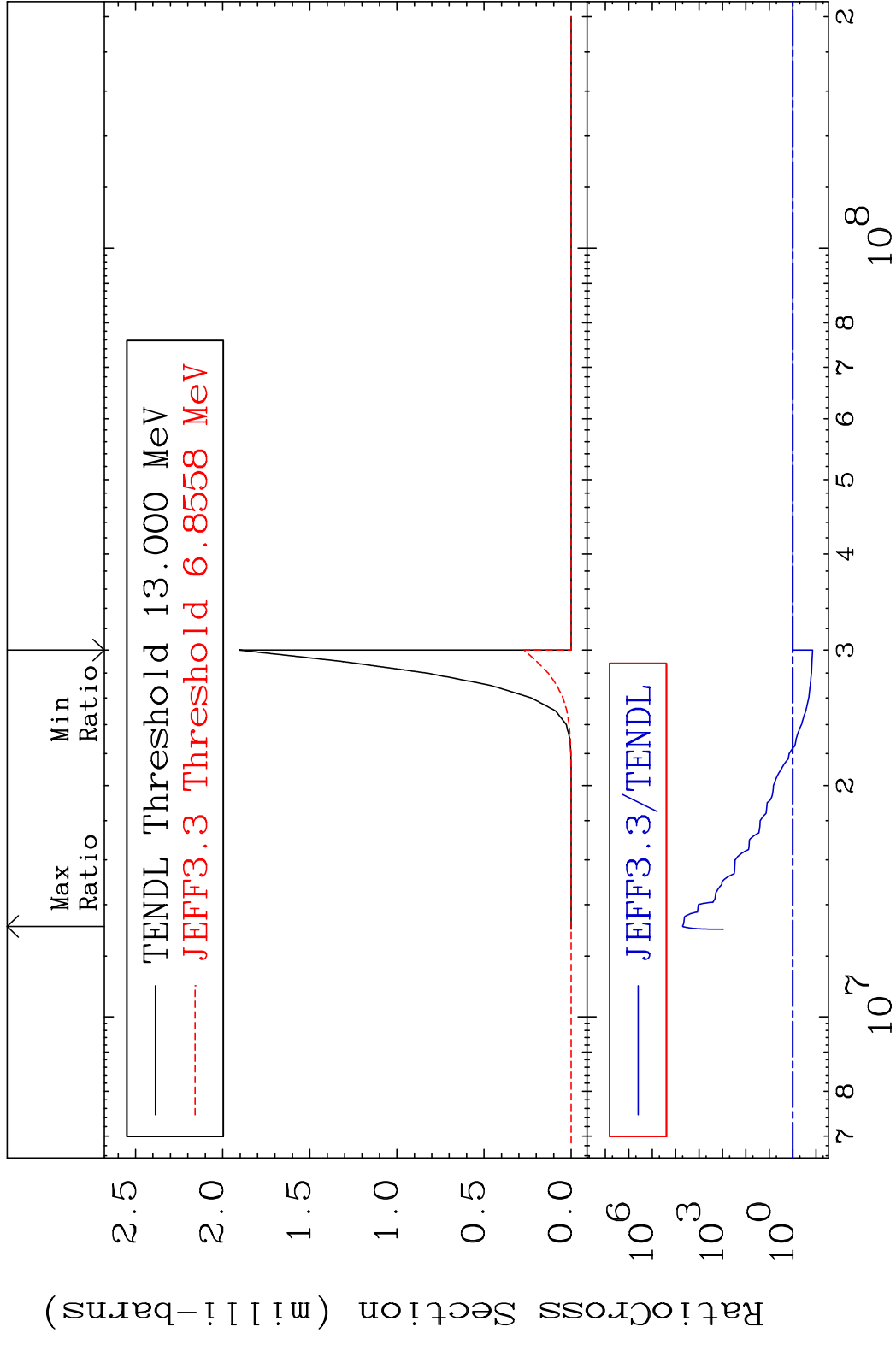
MAT 7843 (n,2n):78-Pt-195g 78-Pt-196
 Radionuclide Production Cross Section 38.781 dno 266.0 %

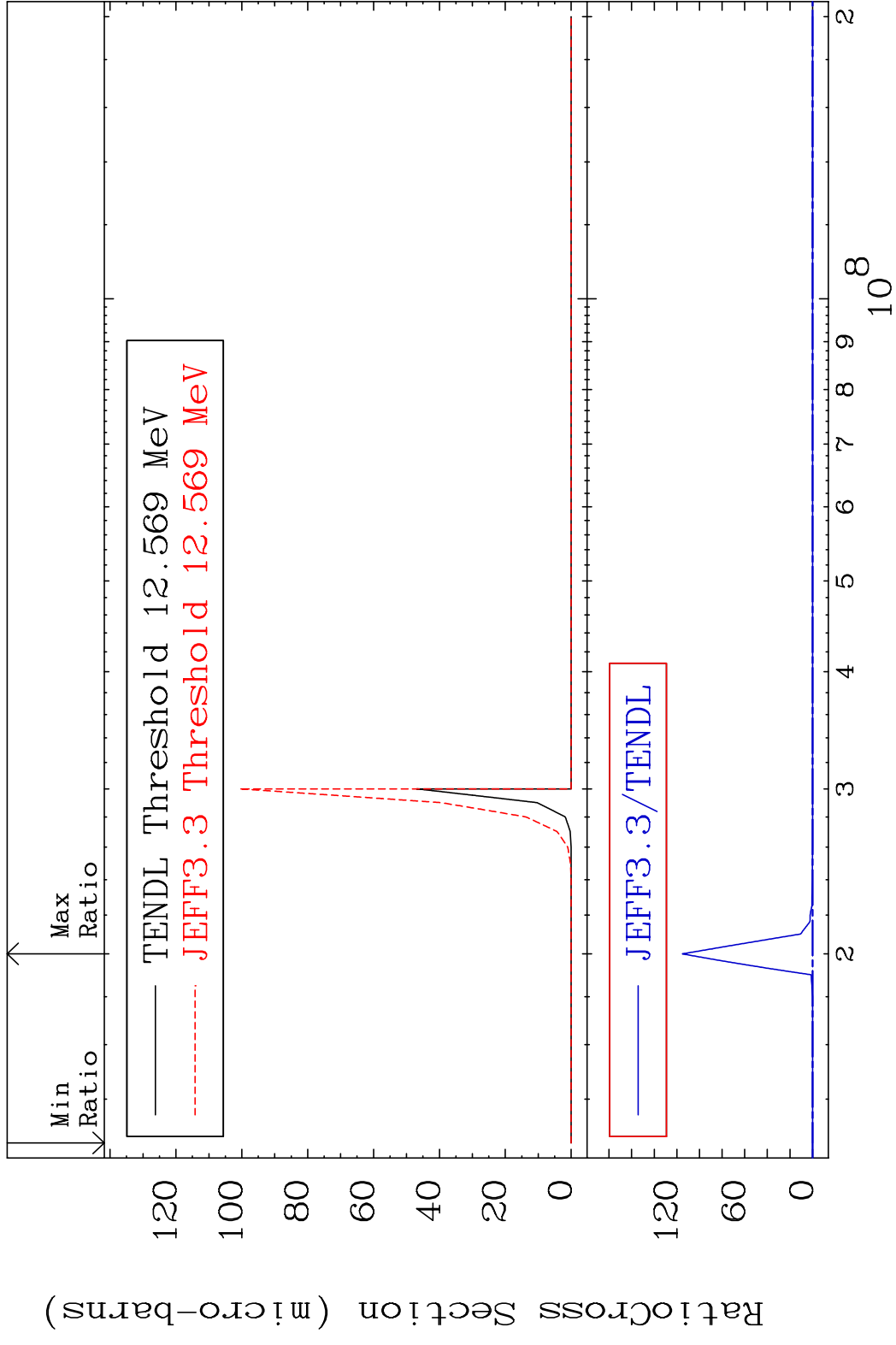


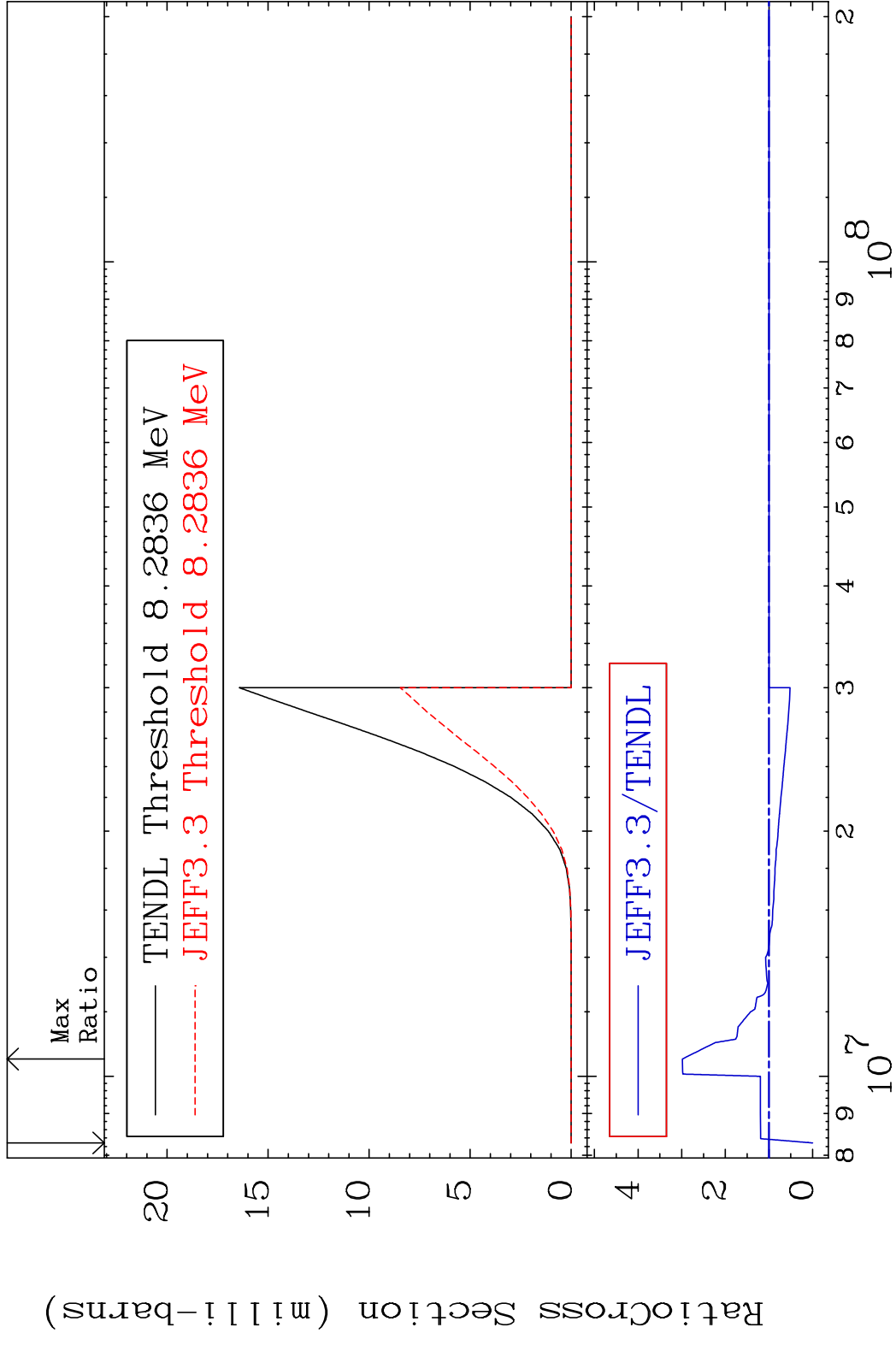
MAT 7843 (n,2n):78-Pt-195m7 78-Pt-196
 Radionuclide Production Cross Section 180.01 dth 28.54 %

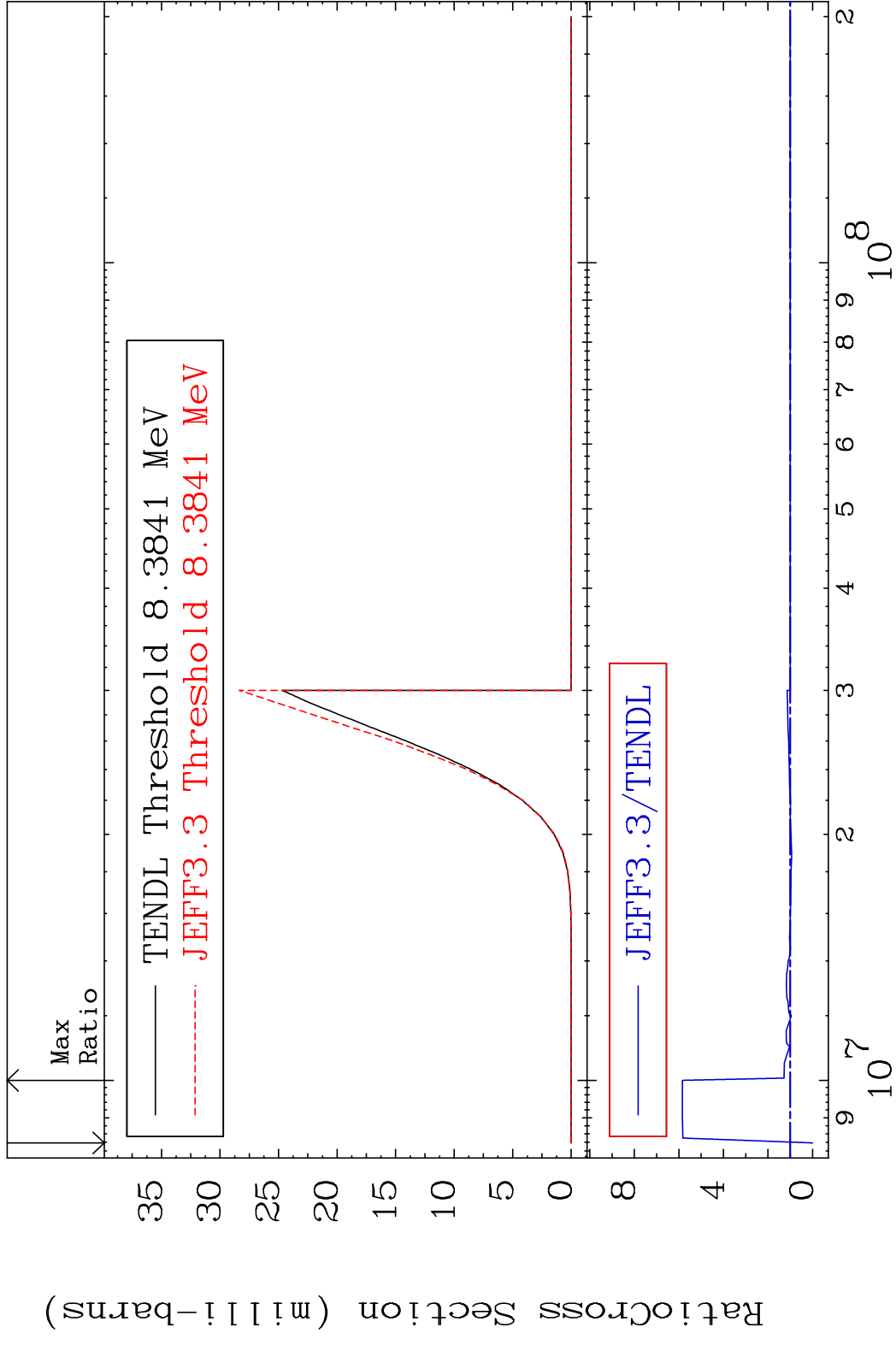


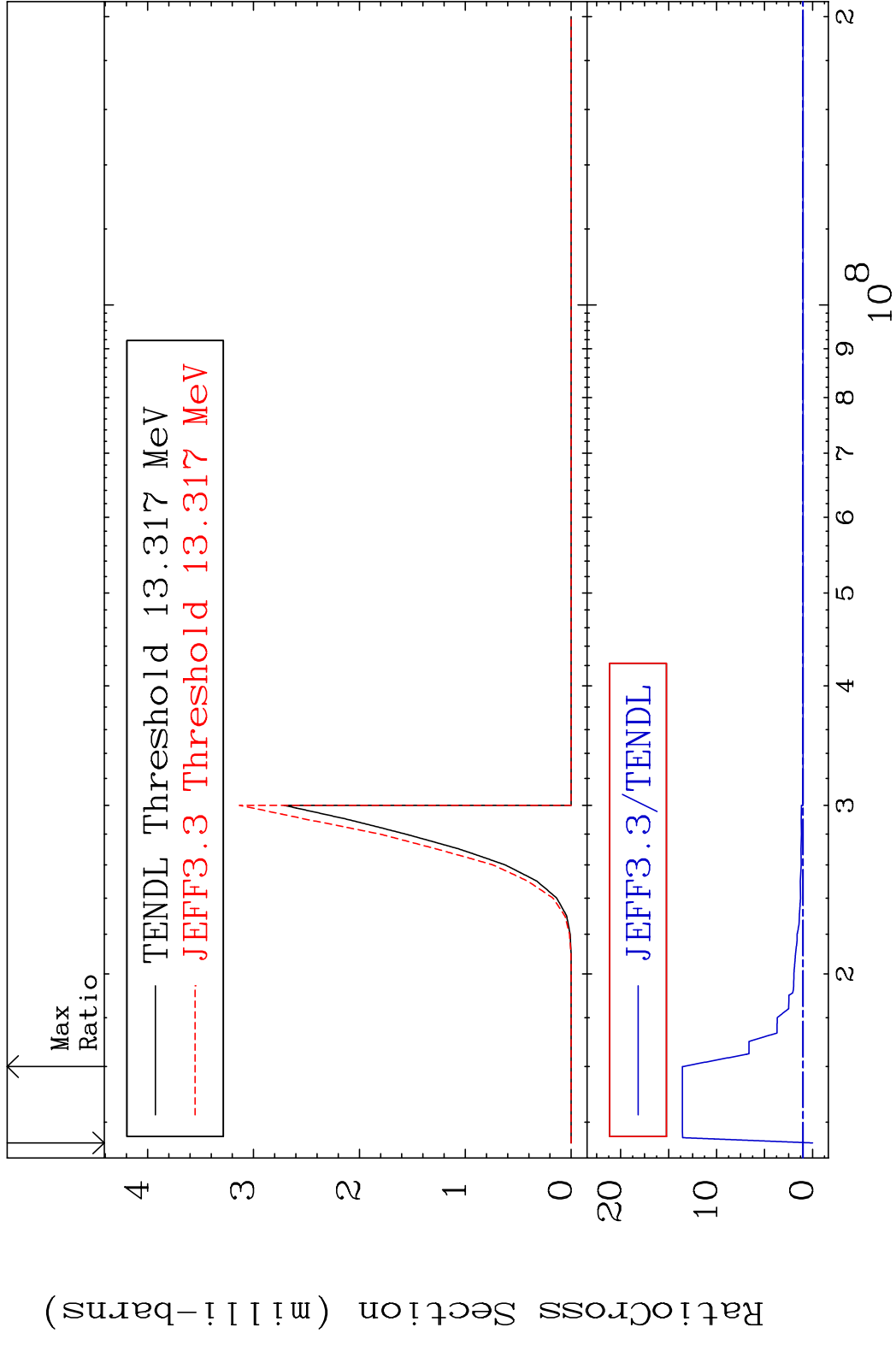




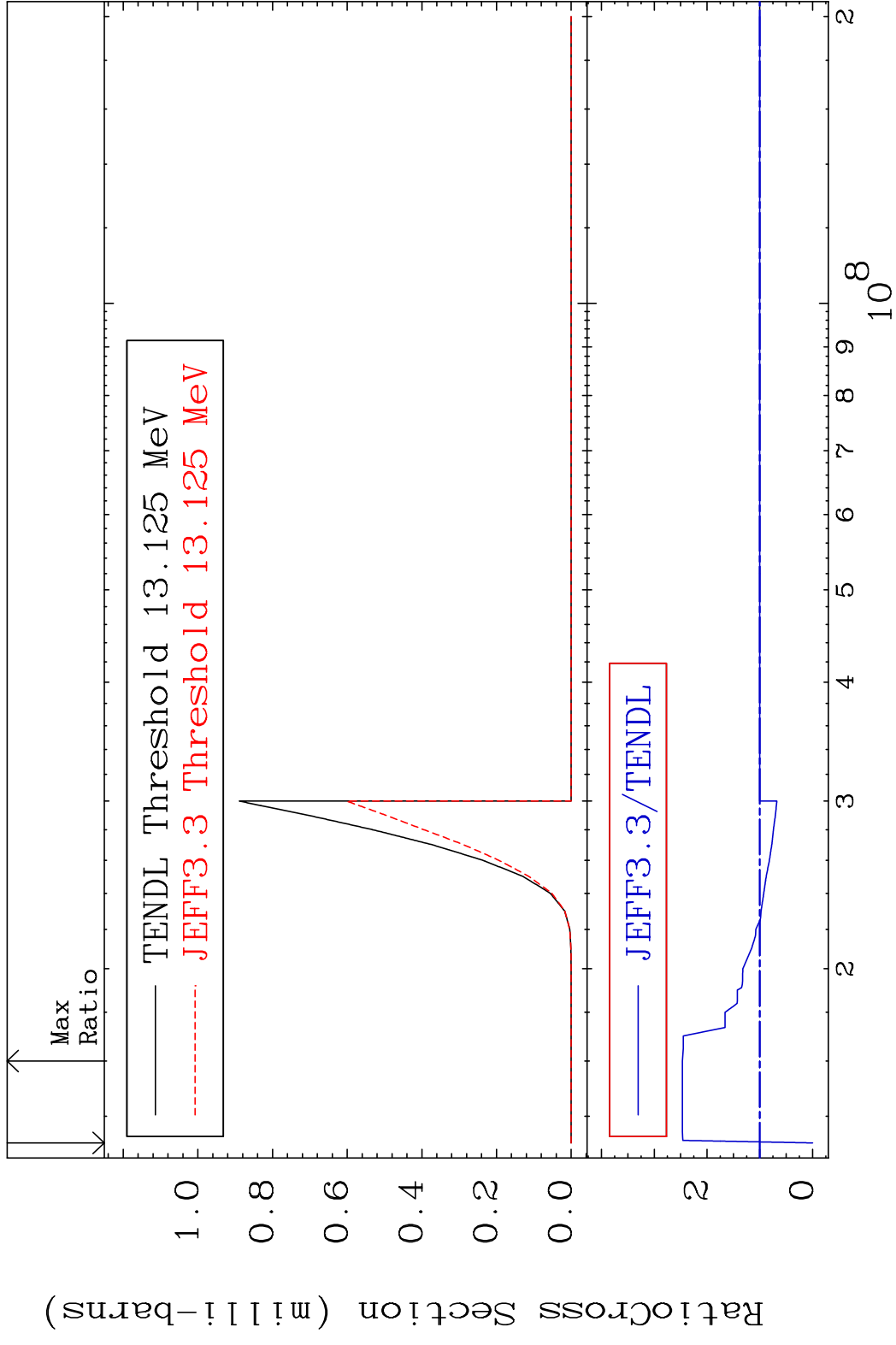




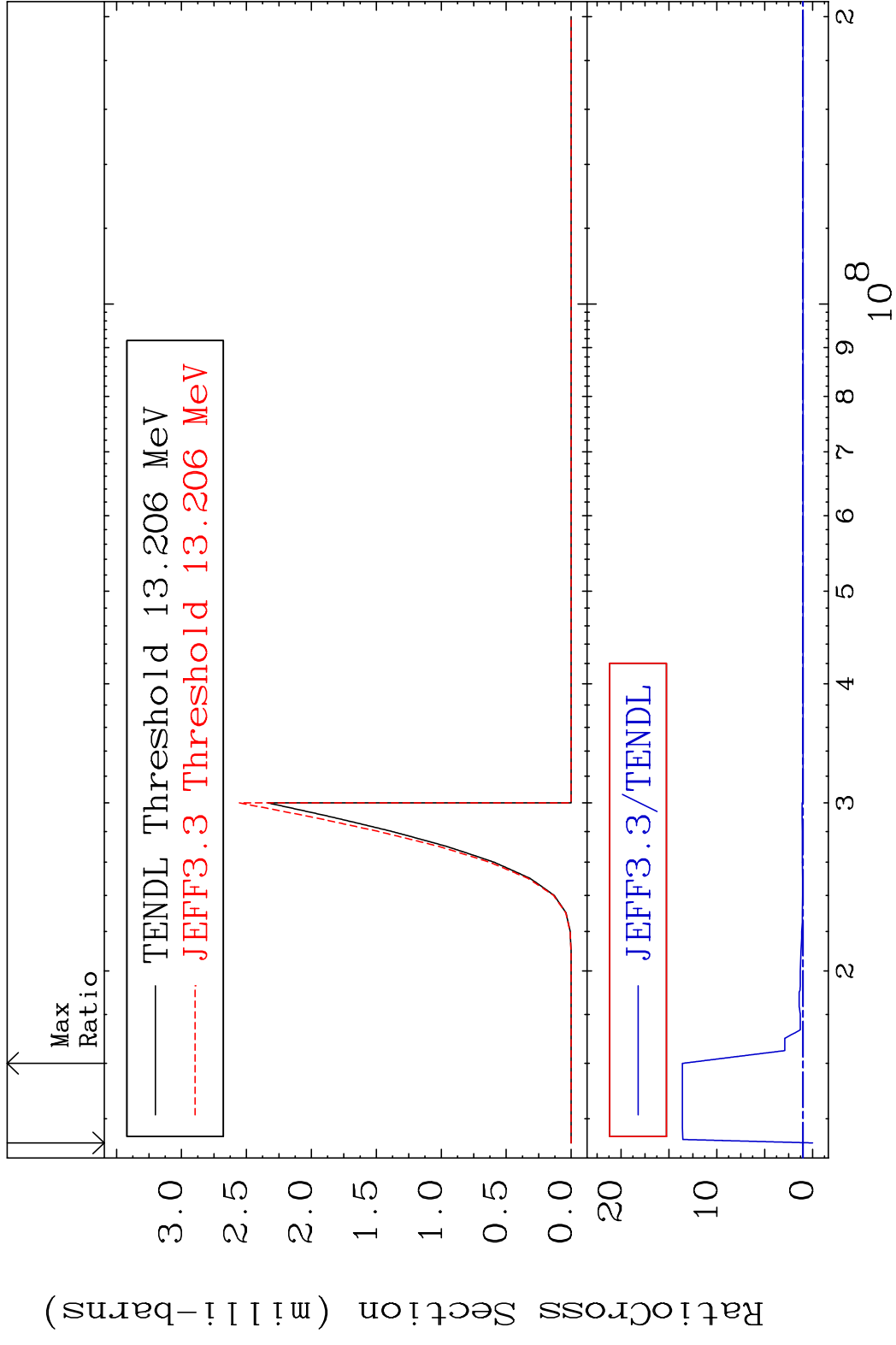




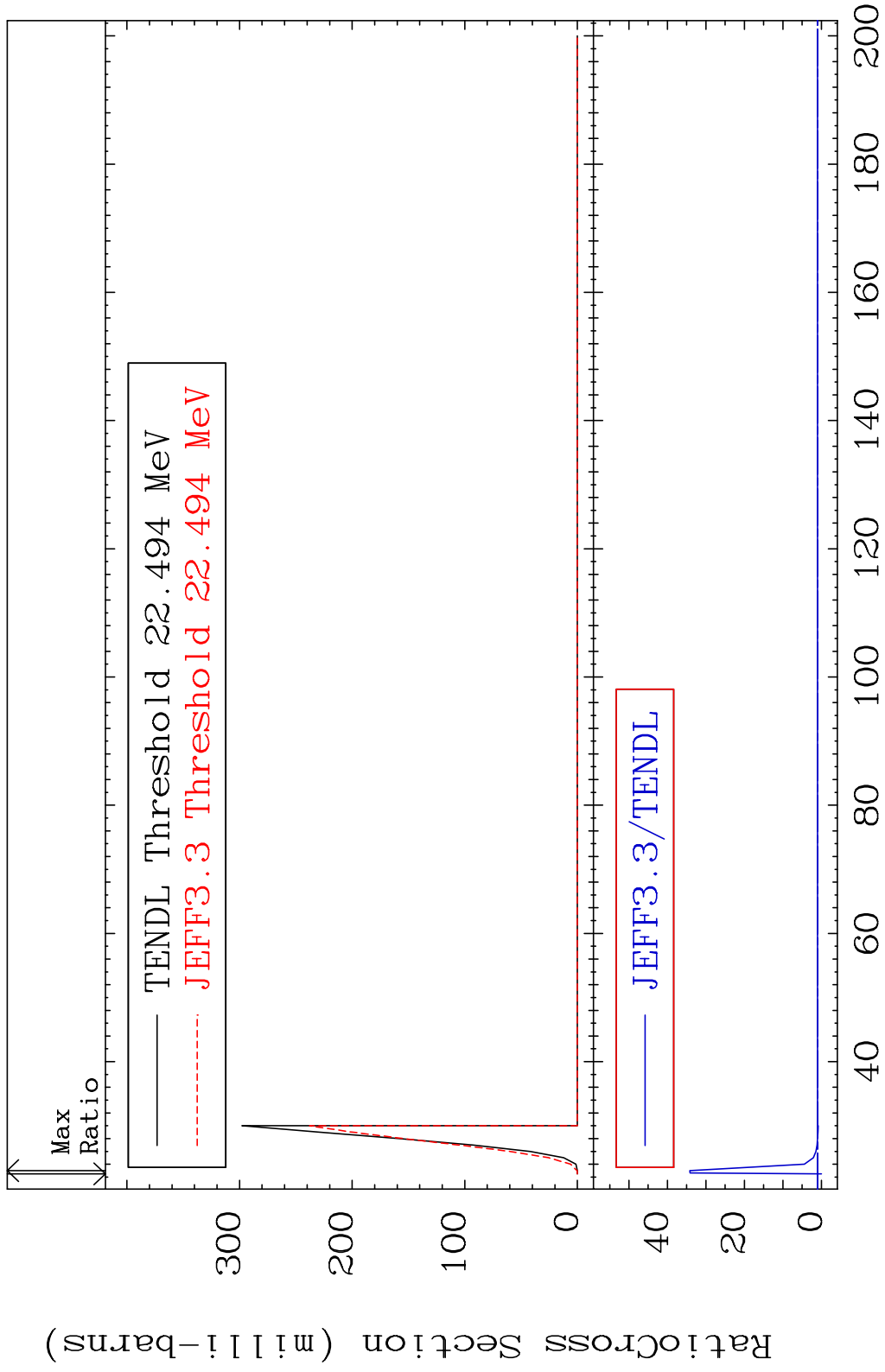
MAT 7843 (n, n') t:77-Ir-193g 78-Pt-196
 Radionuclide Production Cross Section Ratio 146.8 %



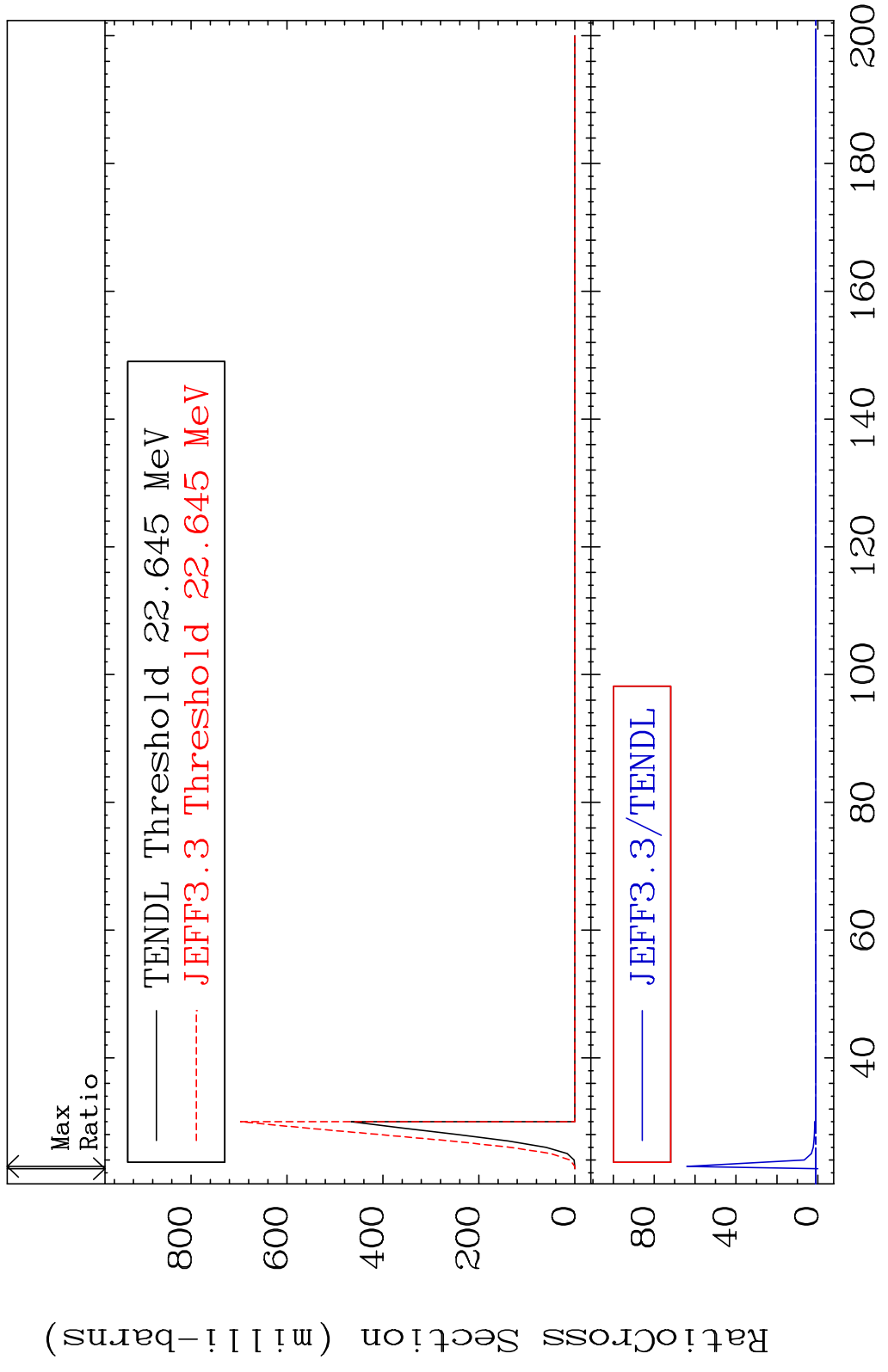
MAT 7843 (n, n') t:77-Ir-193m2 78-Pt-196
 Radionuclide Production Cross Section 180.01 dth 1259. %

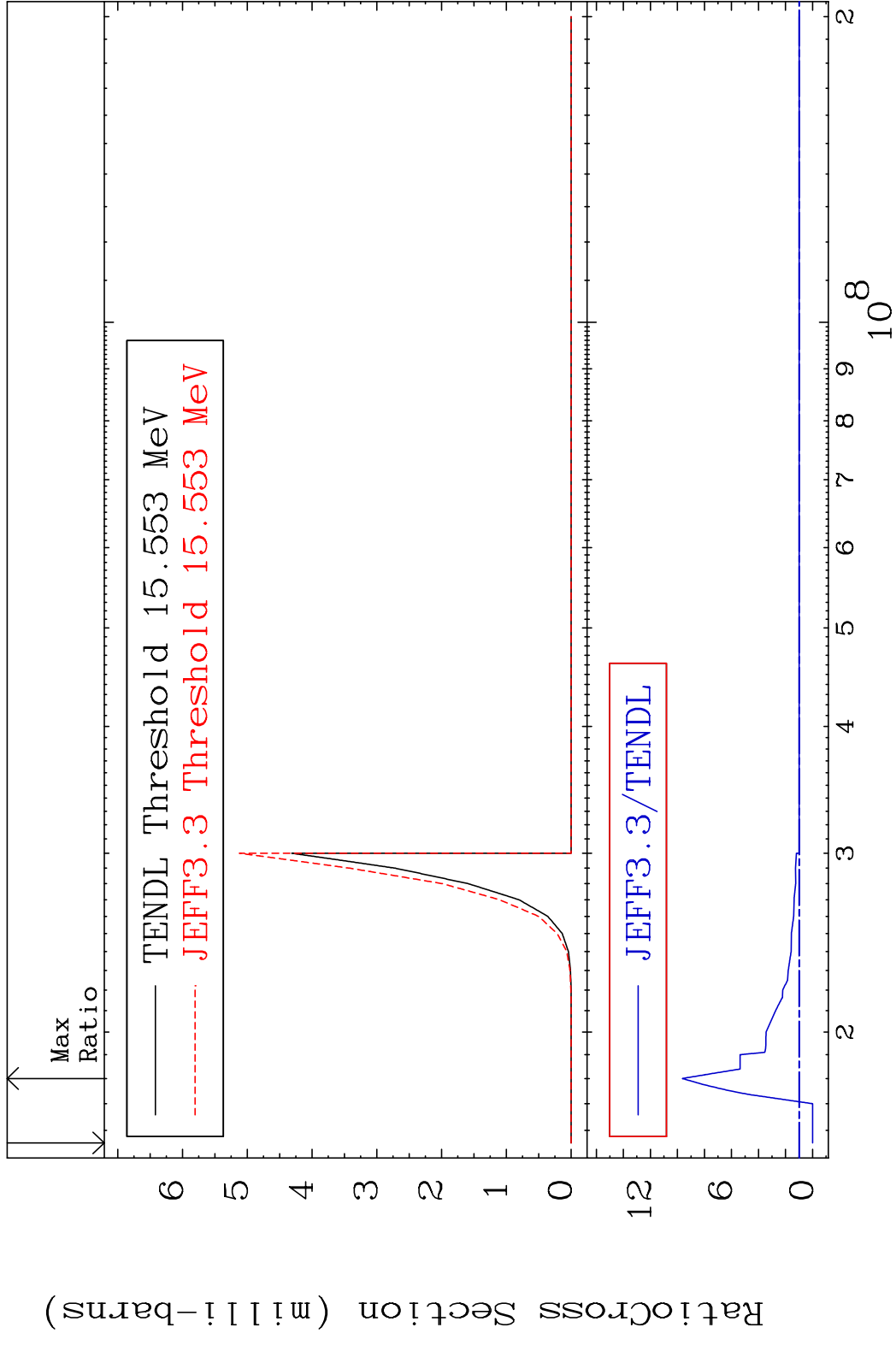


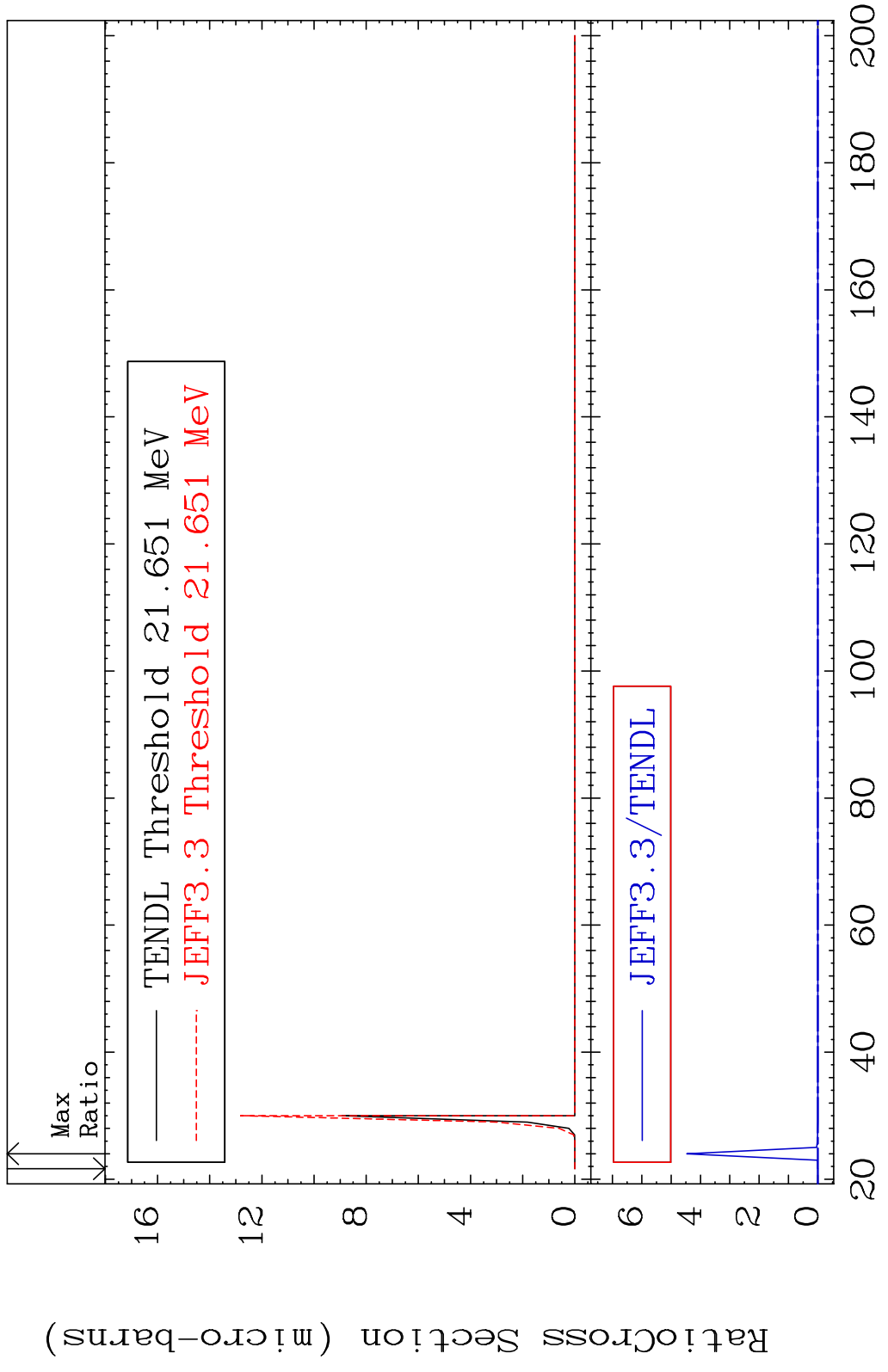
MAT 7843 (n,4n):78-Pt-193g 78-Pt-196
 Radionuclide Production Cross Section Ratio 3320. %

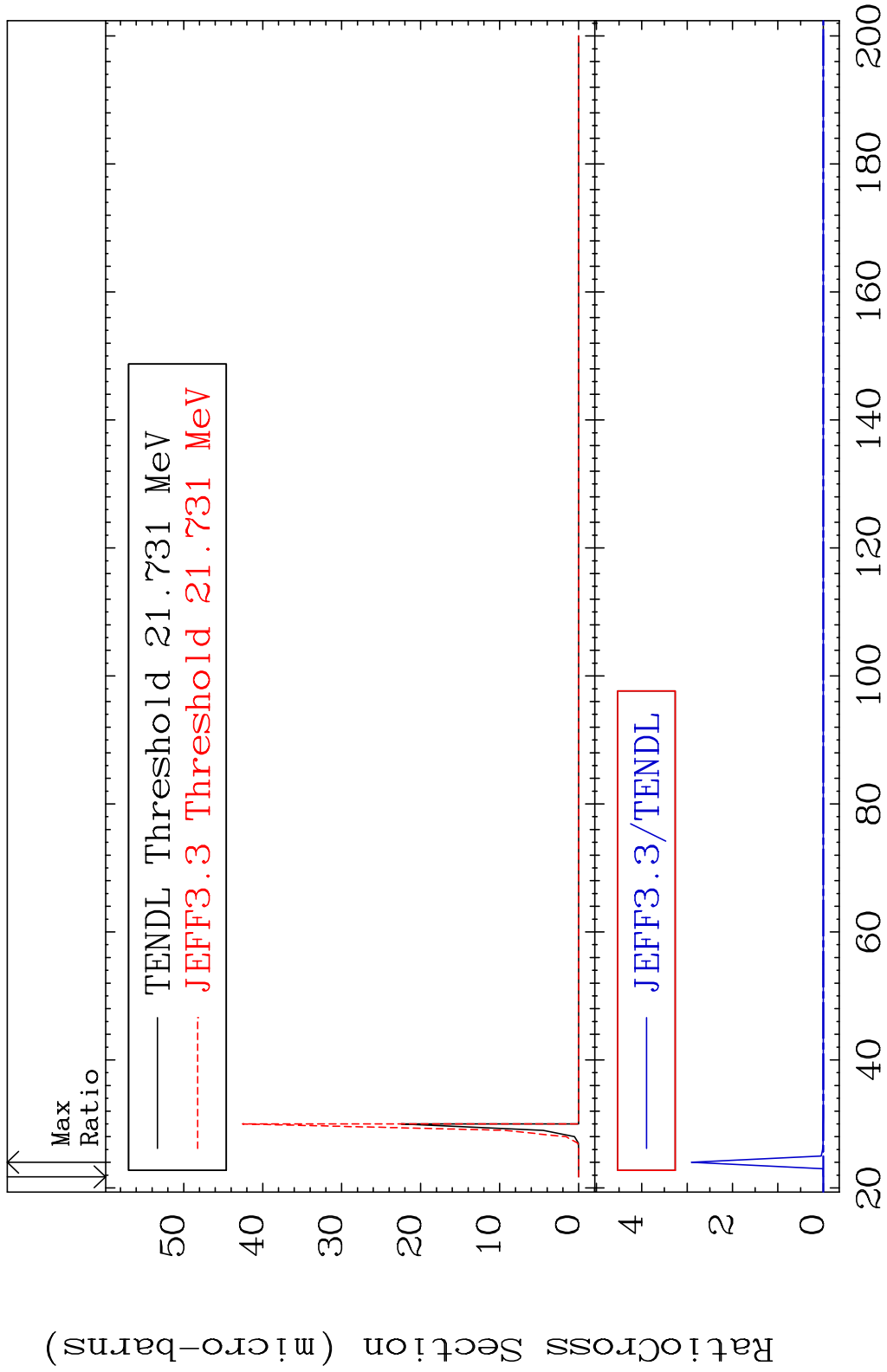


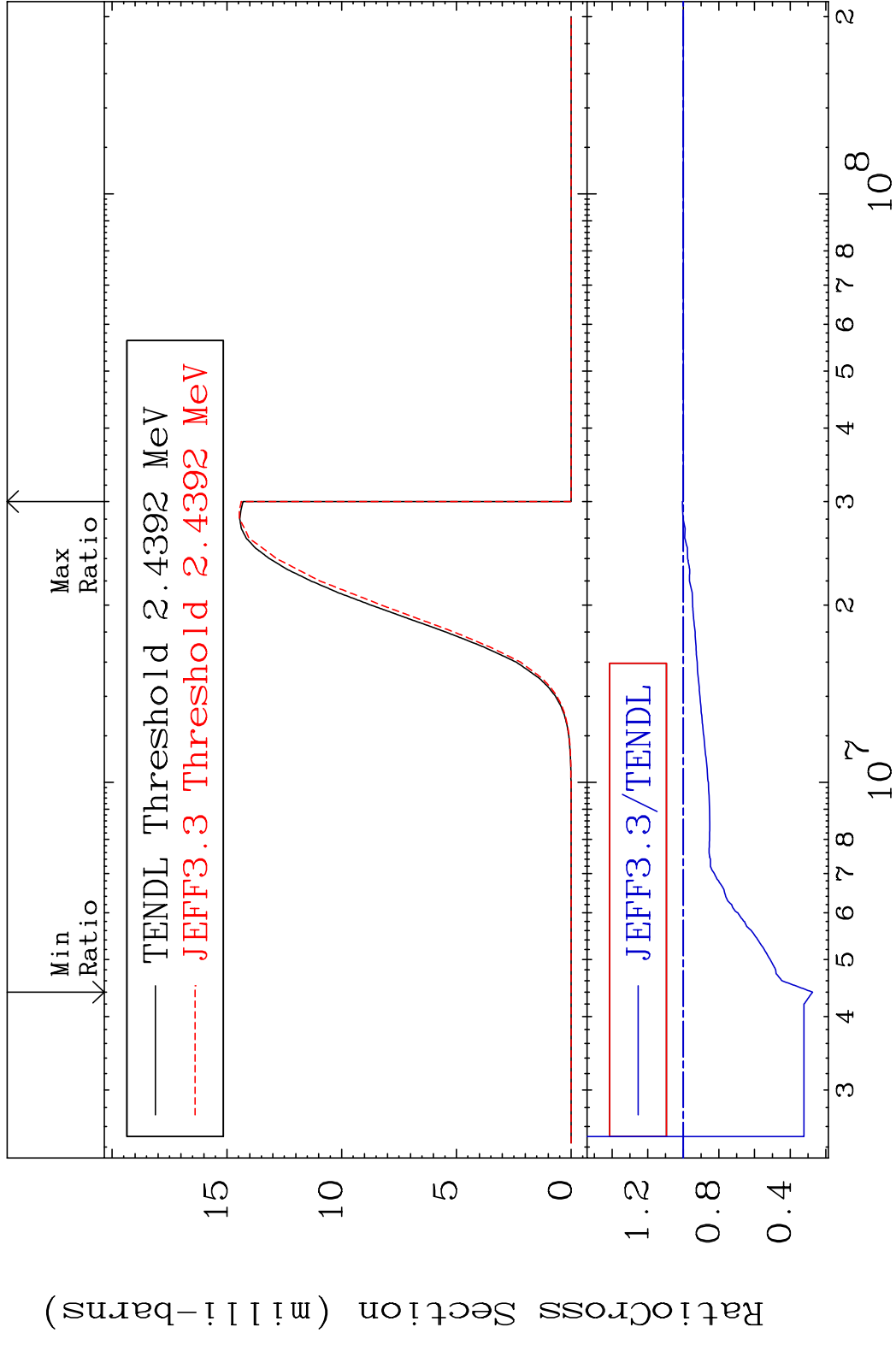
MAT 7843 (n, 4n):78-Pt-193m5 78-Pt-196
 Radionuclide Production Cross Section Ratio 6309. %

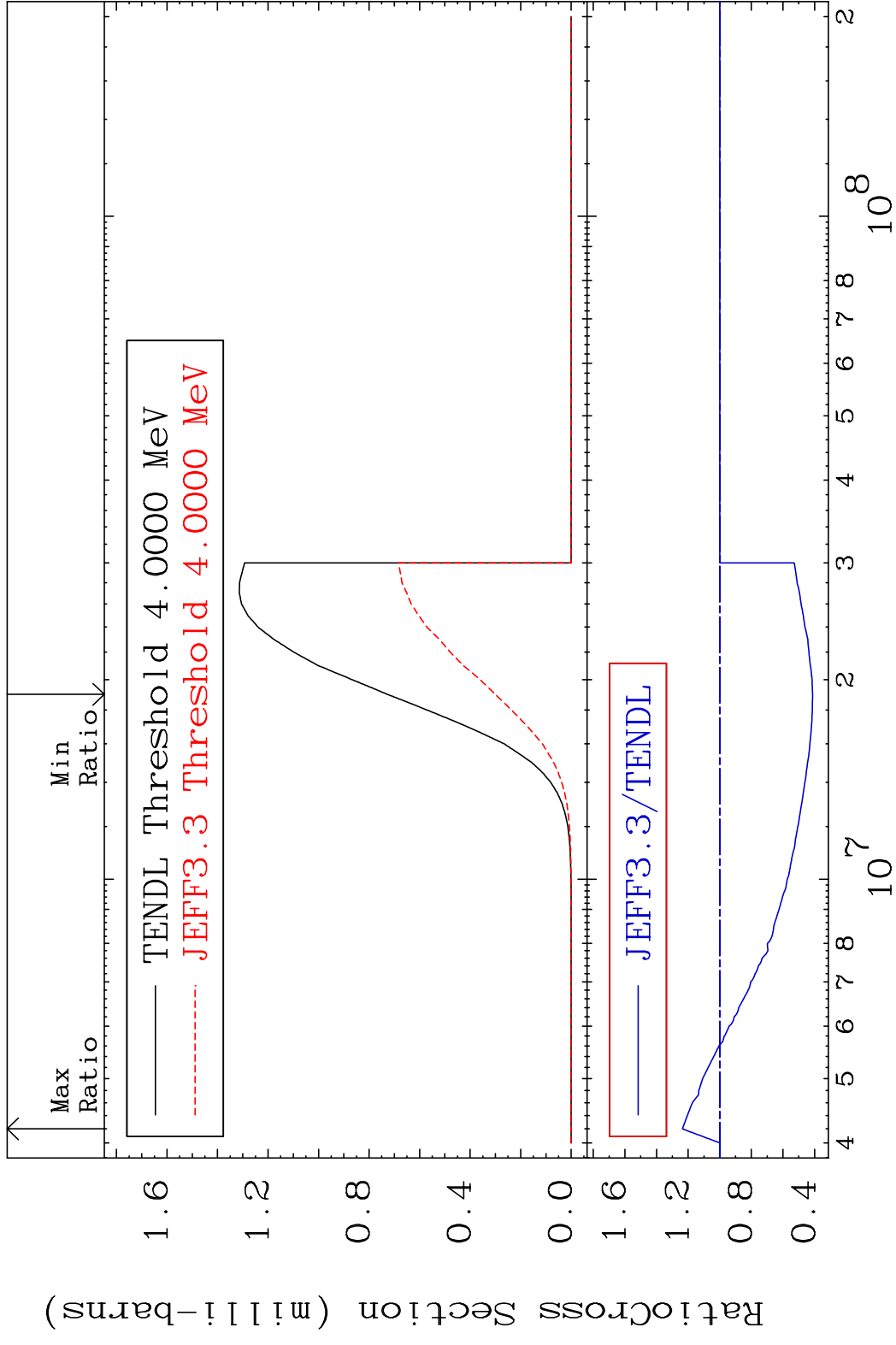


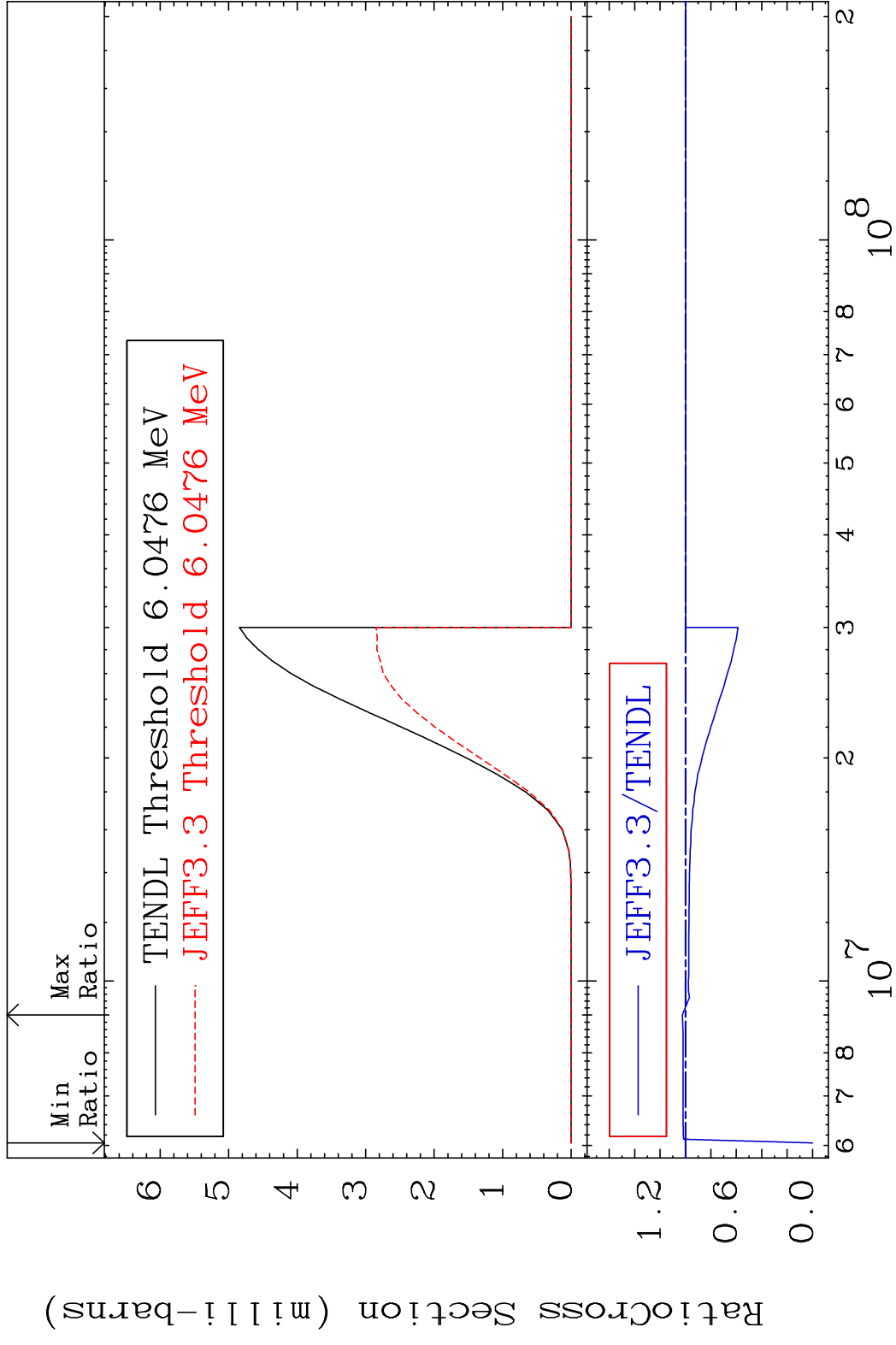












MAT 7843 (n, d): 77-Ir-195m2 78-Pt-196
 Radionuclide Production Cross Section Ratio 25.98 %

