

Program Complot
(Version 2018-1)

by

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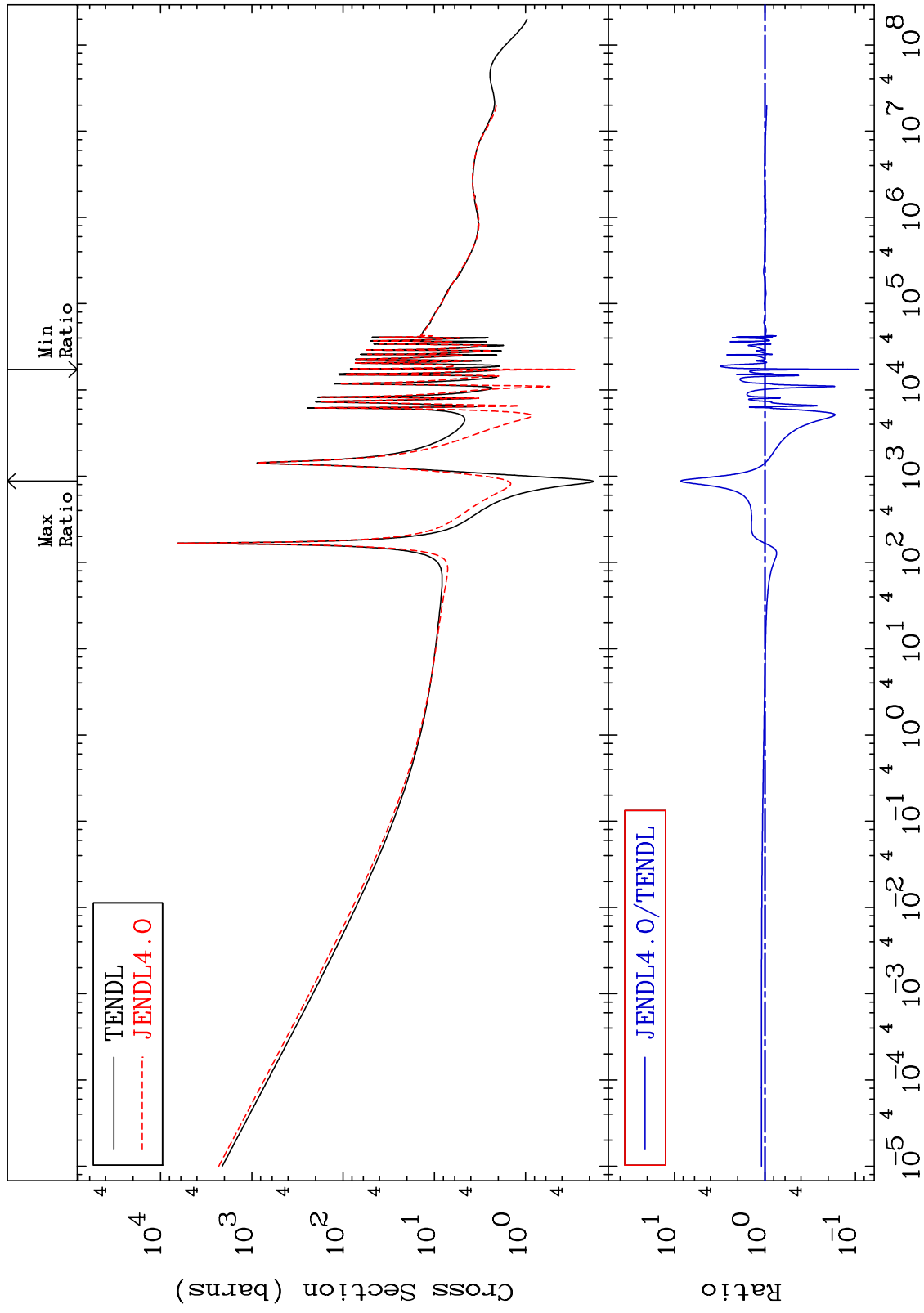
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2325

Total
Cross Section

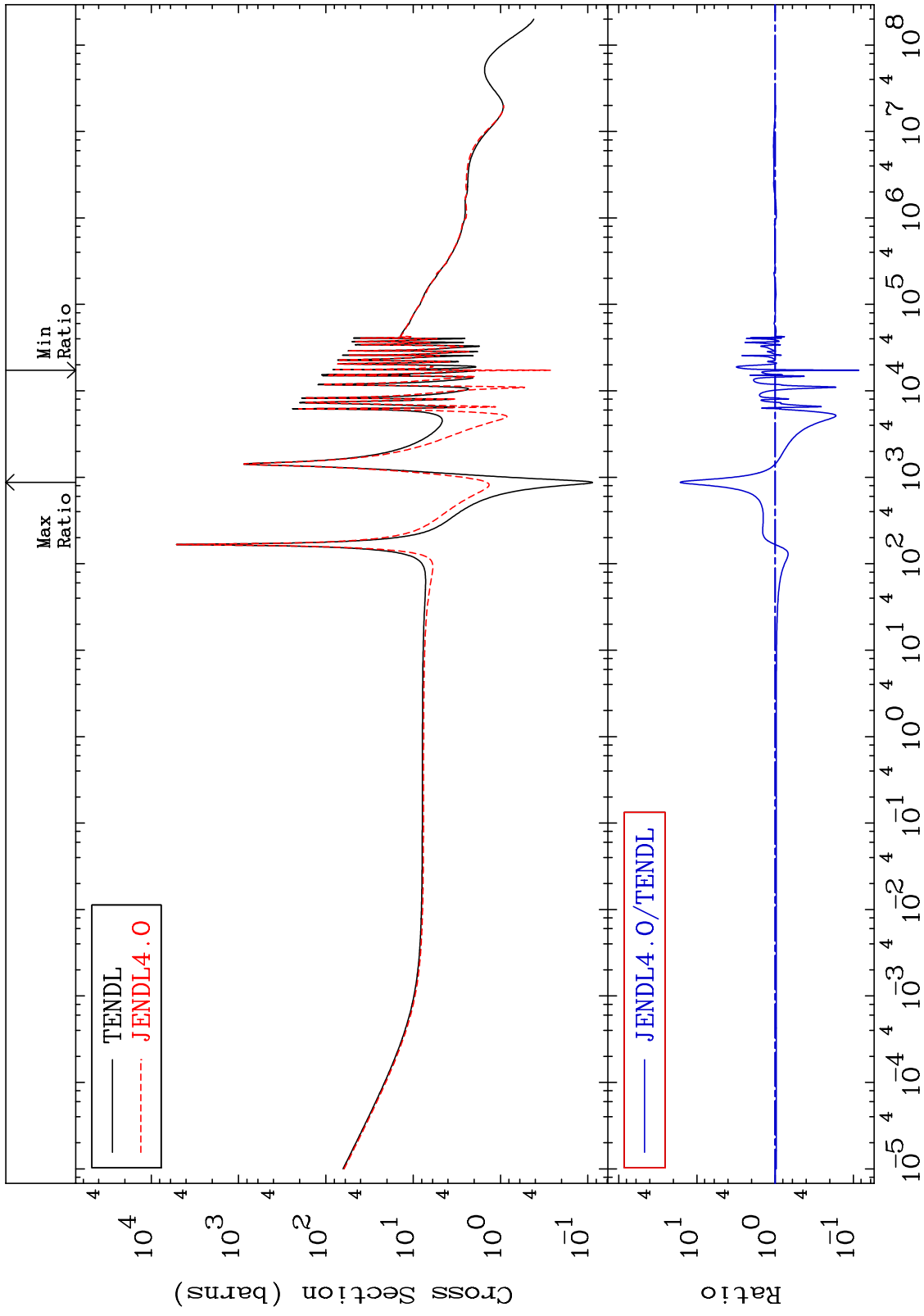
23-V -50
-90.88 To 755.7 %



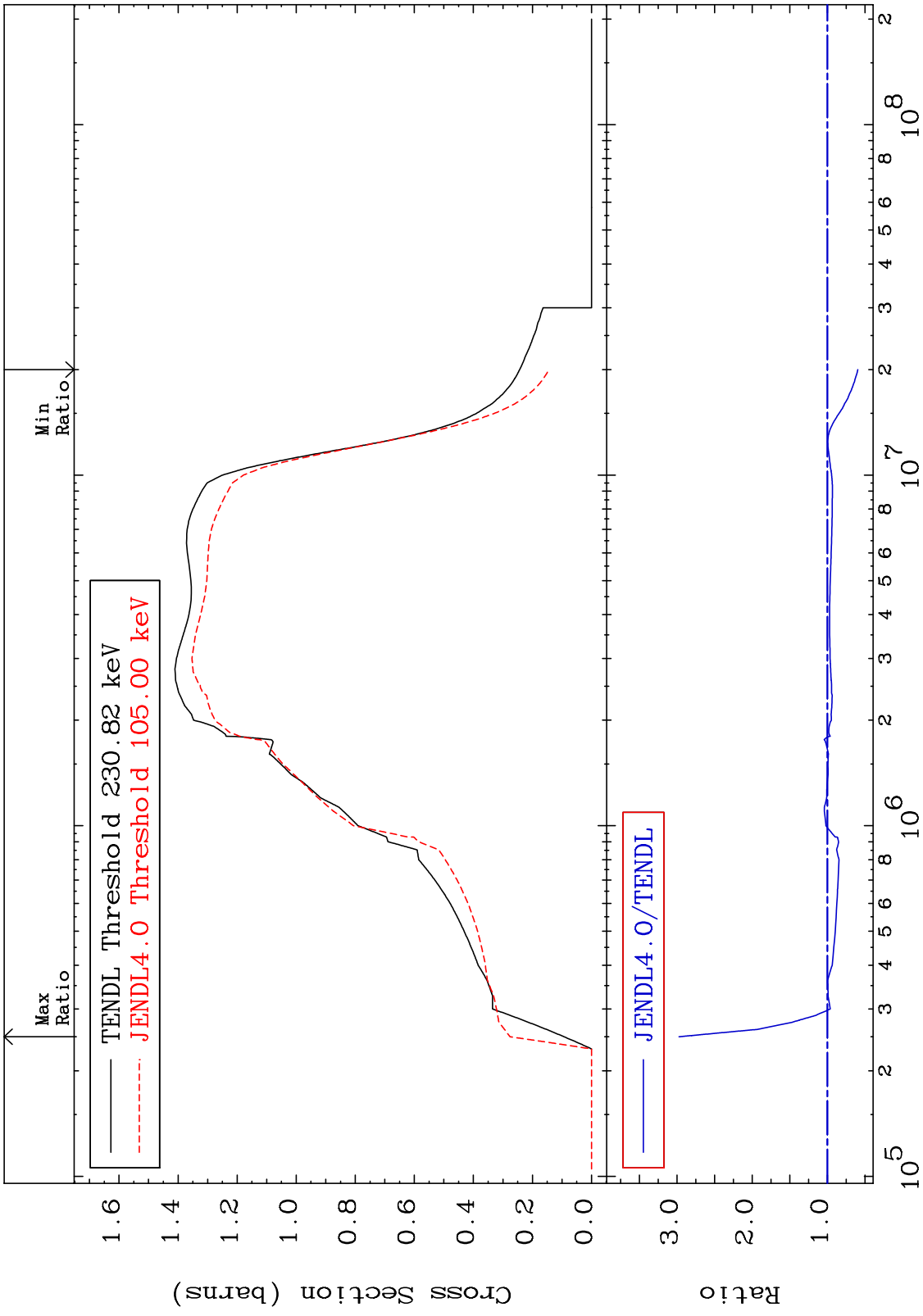
MAT 2325

Elastic
Cross Section

23-V -50
-91.50 To 1537. %

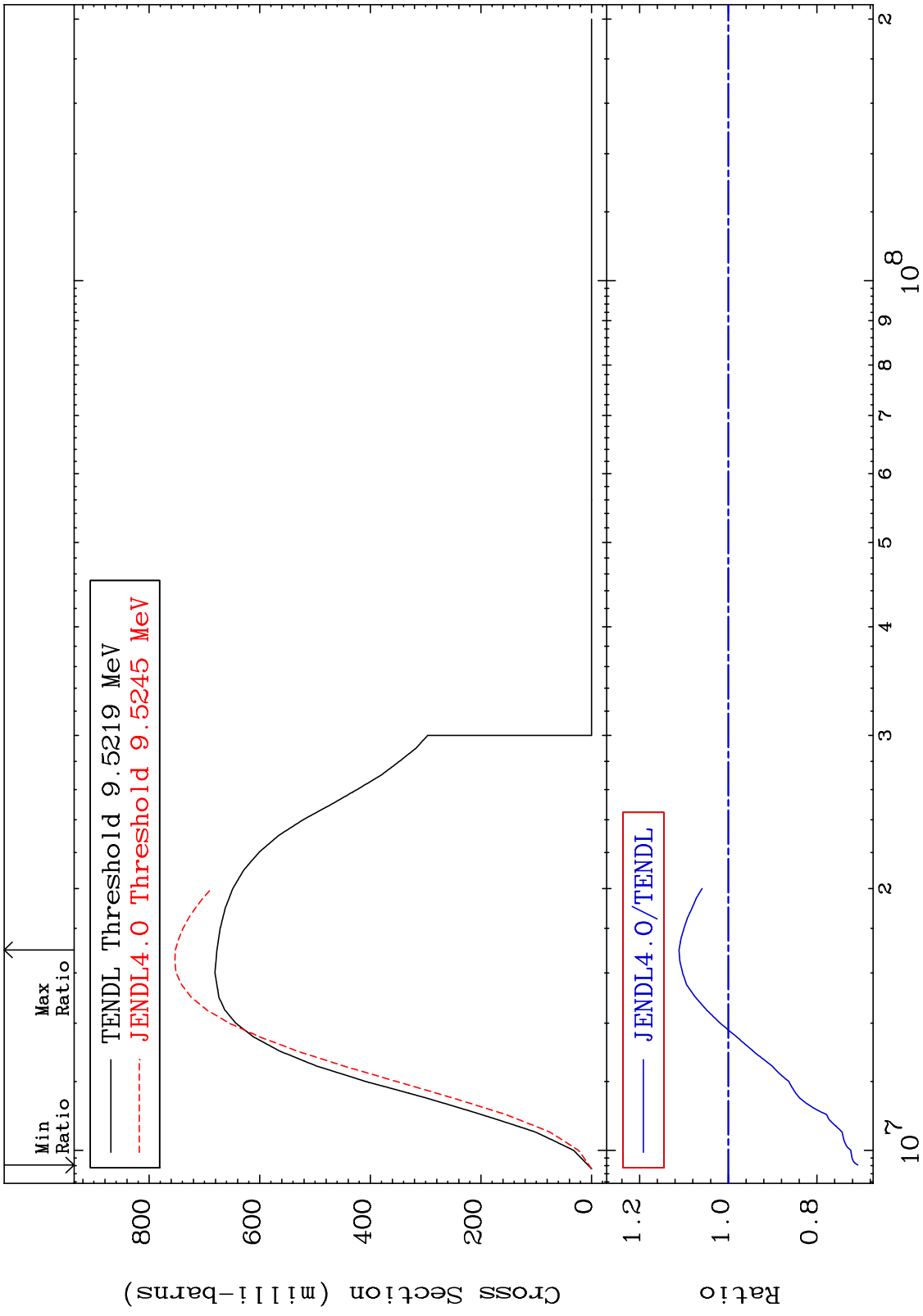


MAT 2325 Inelastic Cross Section 23-V -50 -40.57 To 197.3 %



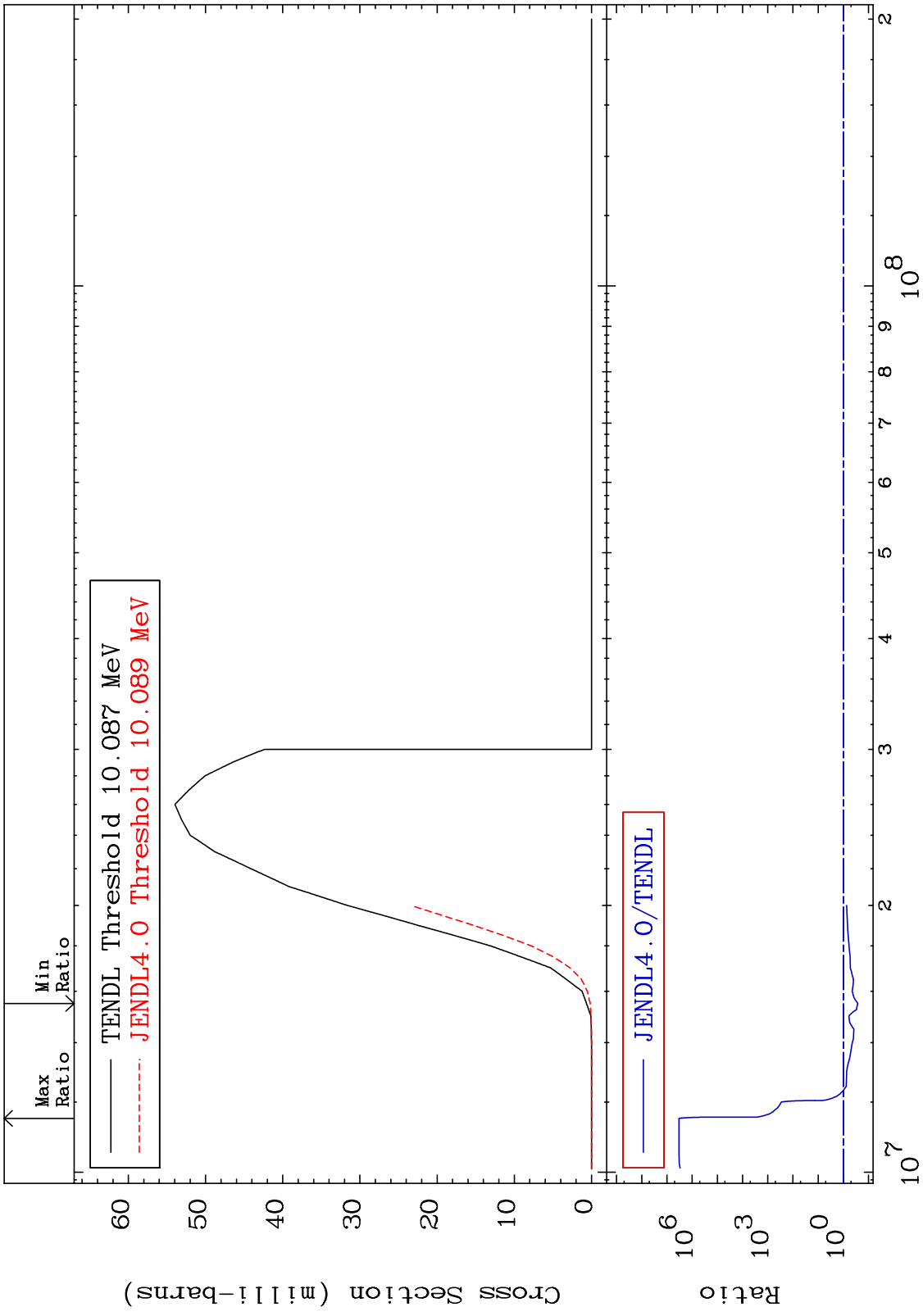
23-V -50

MAT 2325 (n,2n) Cross Section 23-V -50 -29.21 To 11.11 %



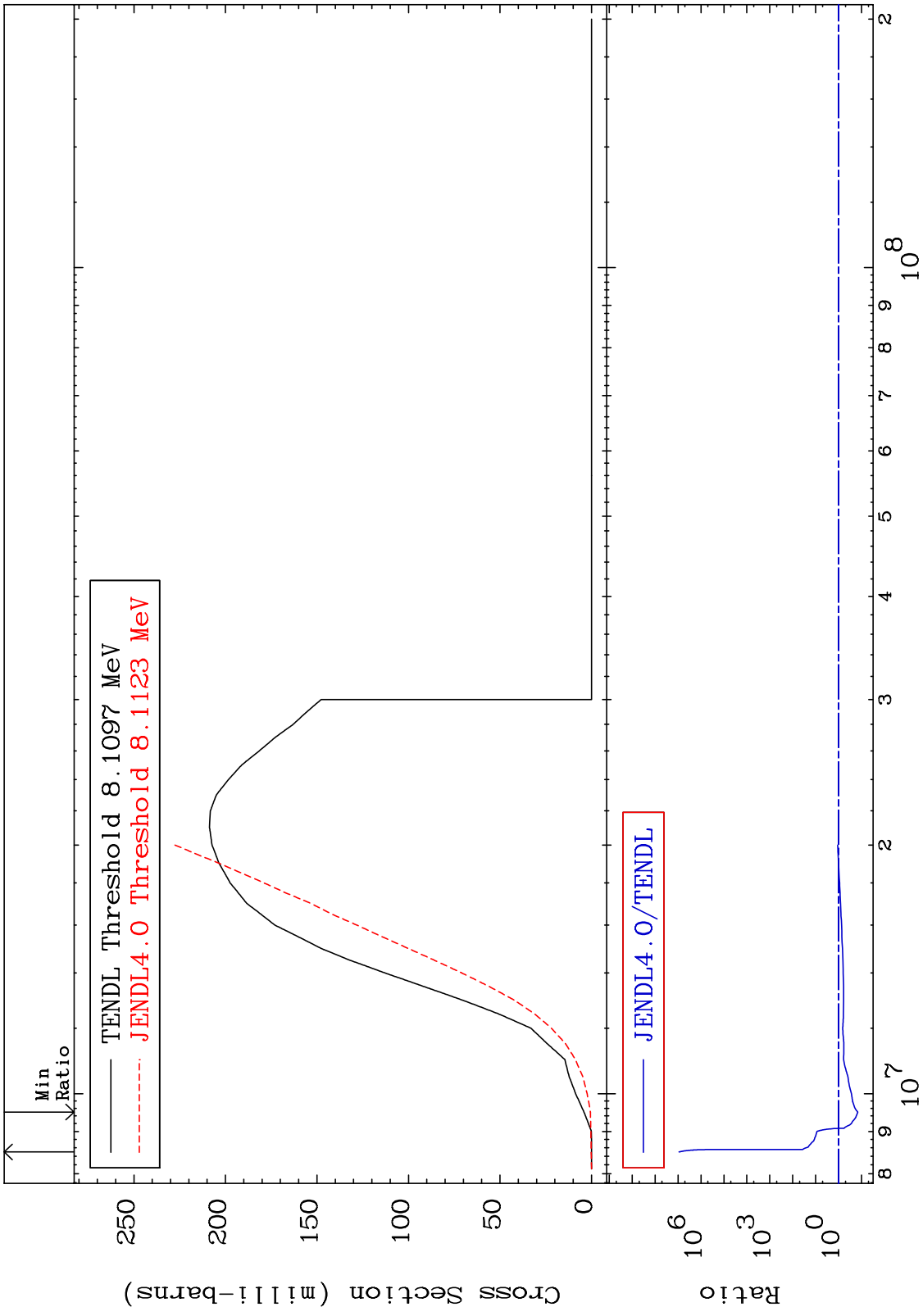
Incident Energy (eV) 23-V -50

MAT 2325 (n,n') α 23-V -50
Cross Section -73.36 To 9999. %

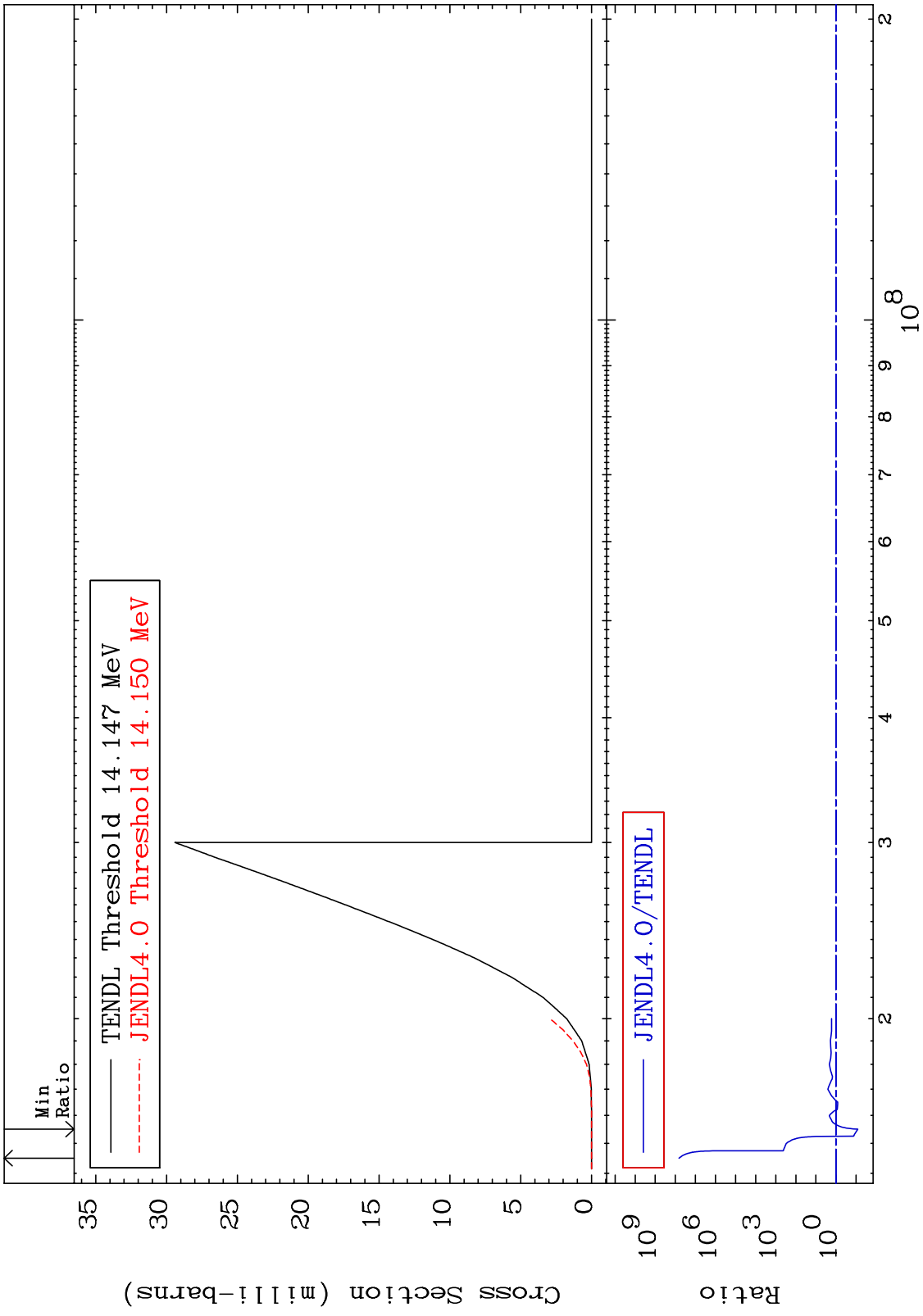


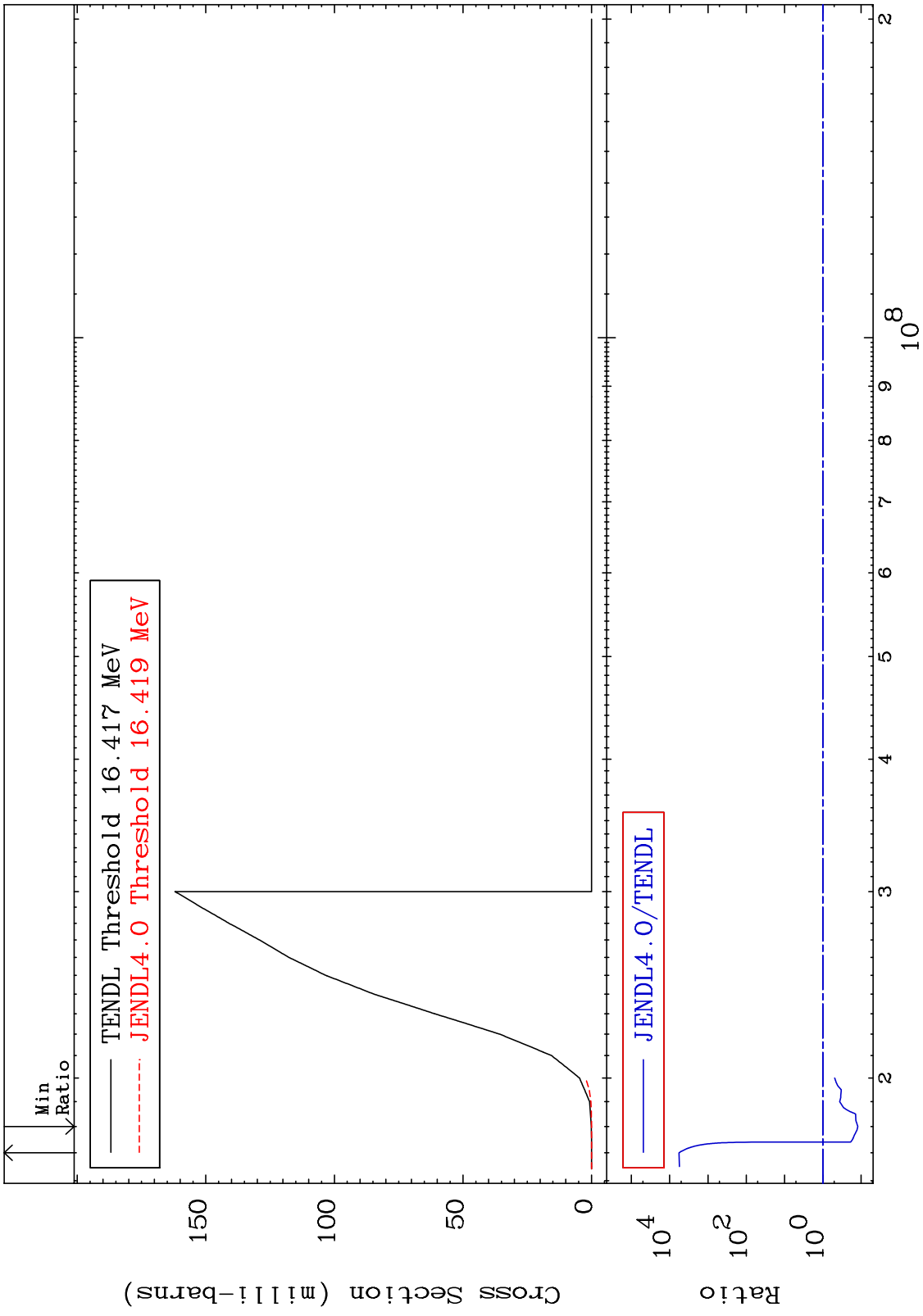
Incident Energy (eV) 23-V -50

MAT 2325 (n,n') p 23-V -50
Cross Section -85.55 To 9999. %

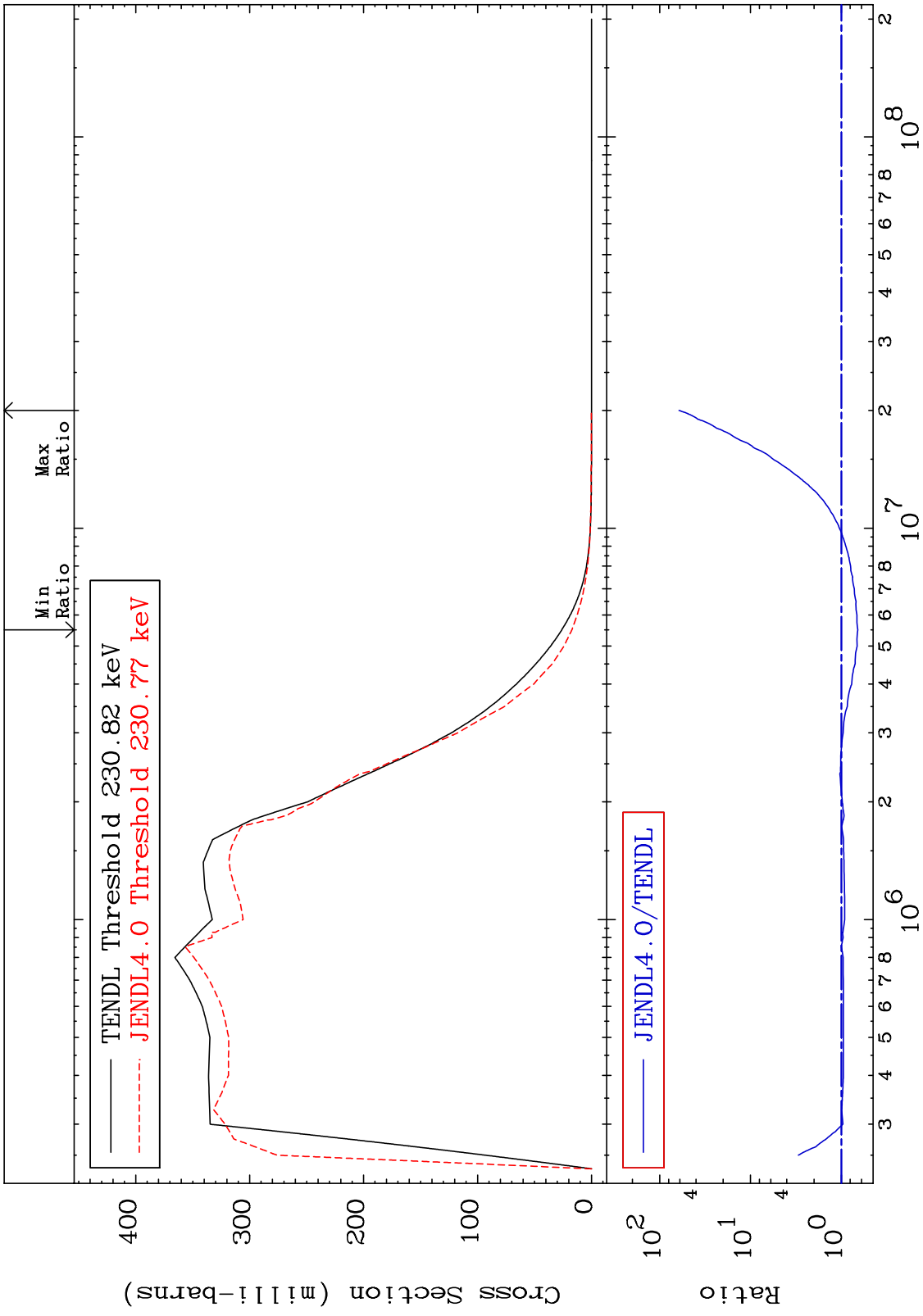


6 Incident Energy (eV) 23-V -50

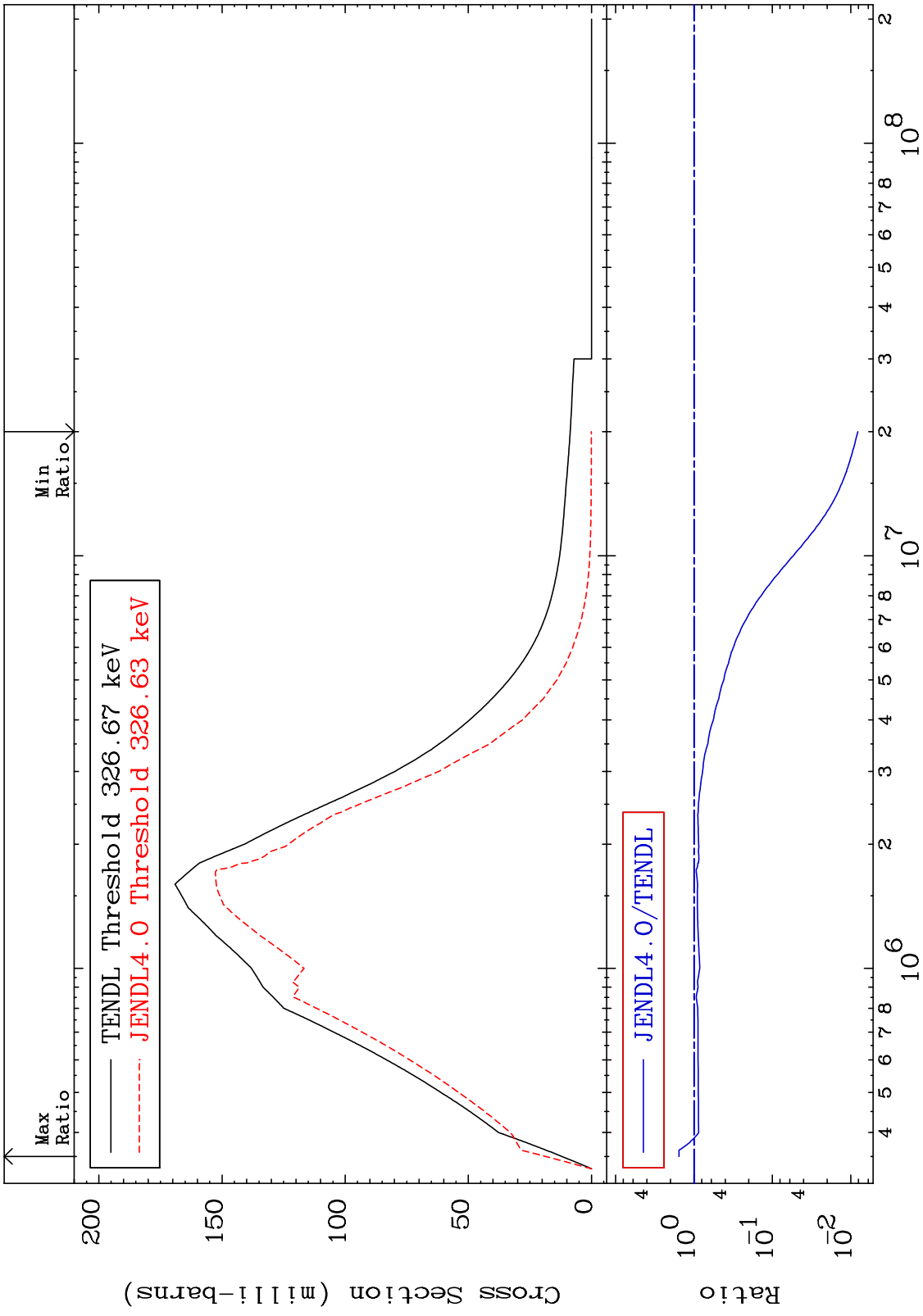




MAT 2325 MT= 51 (n,n') Level Cross Section -34.28 To 6039. % 23-V -50

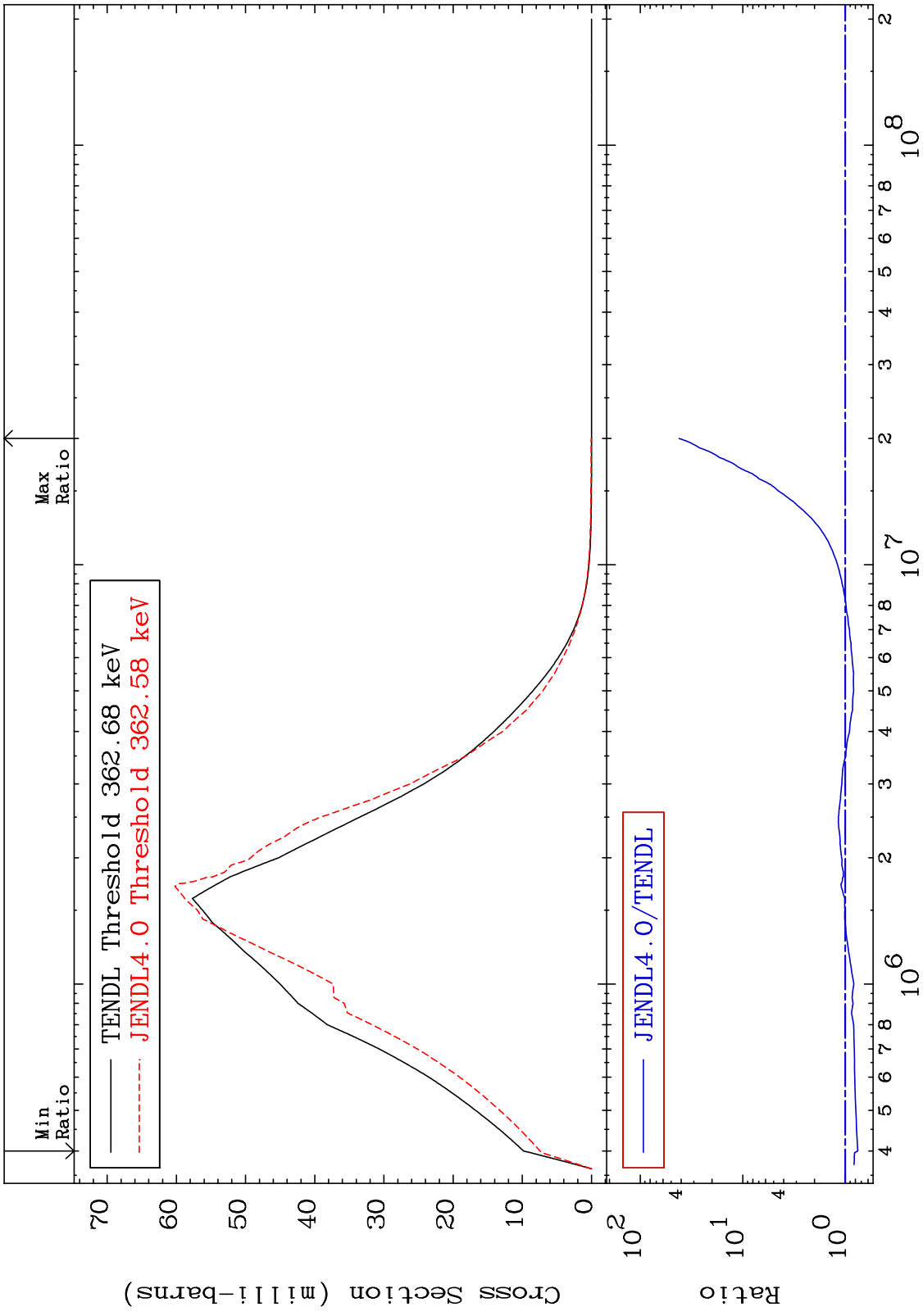


MAT 2325 MT= 52 (n,n') Level Cross Section 23-V -50
-99.19 To 55.19 %

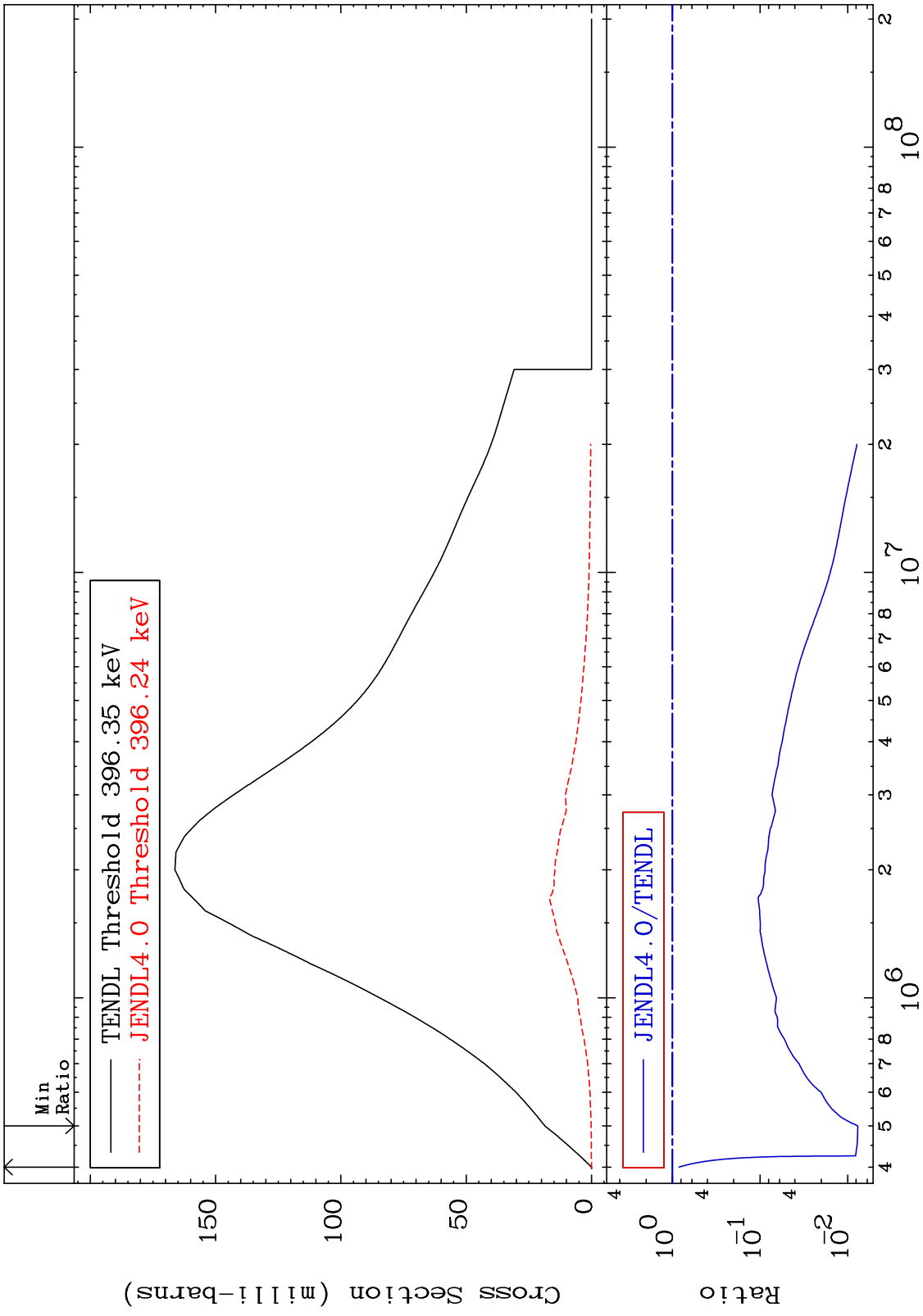


10 23-V -50

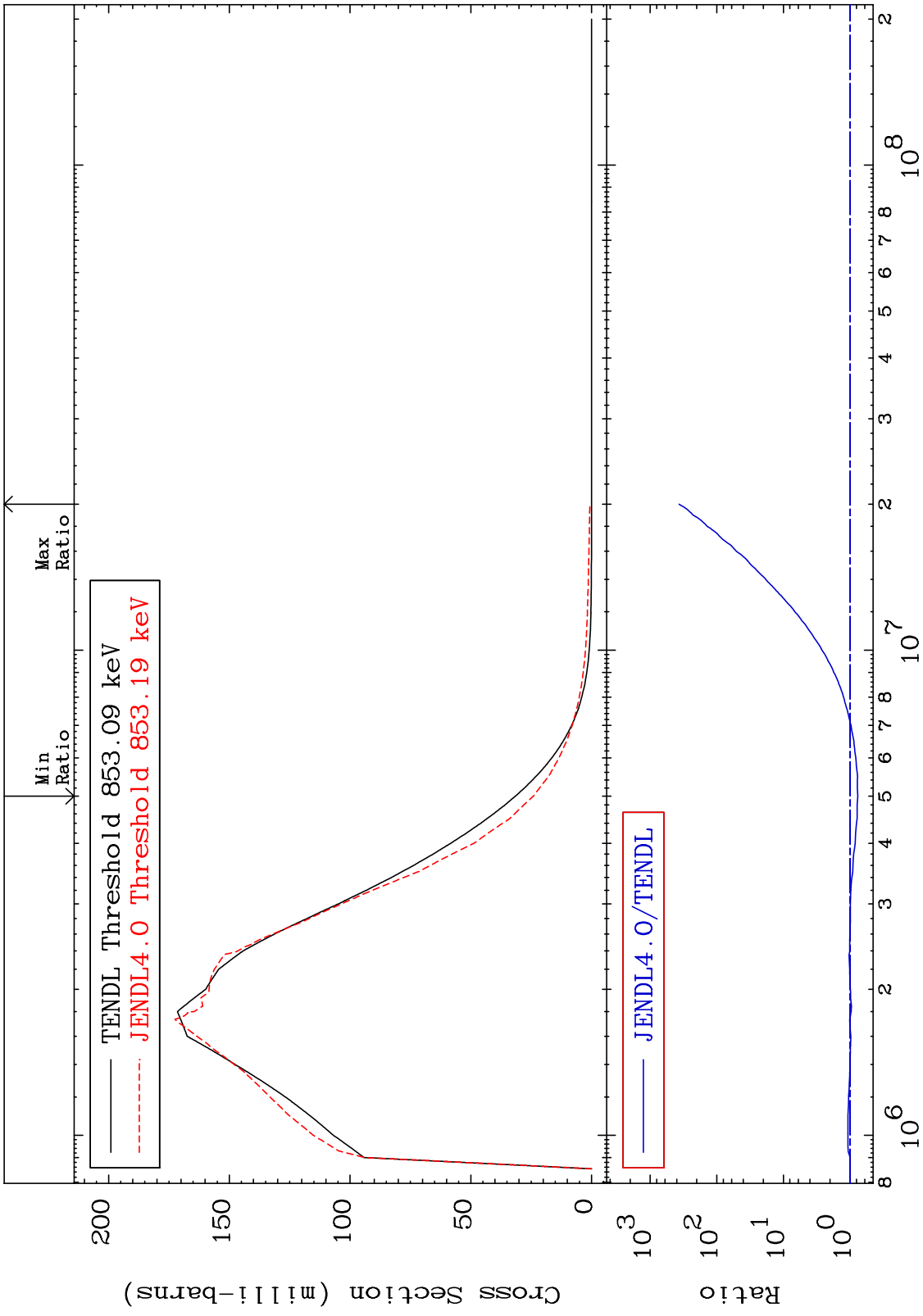
MAT 2325 MT= 53 (n,n') Level Cross Section 23-V -50
 -24.35 To 4086. %



MAT 2325 MT= 54 (n,n') Level Cross Section 23-V -50
 -99.23 To -15.84%

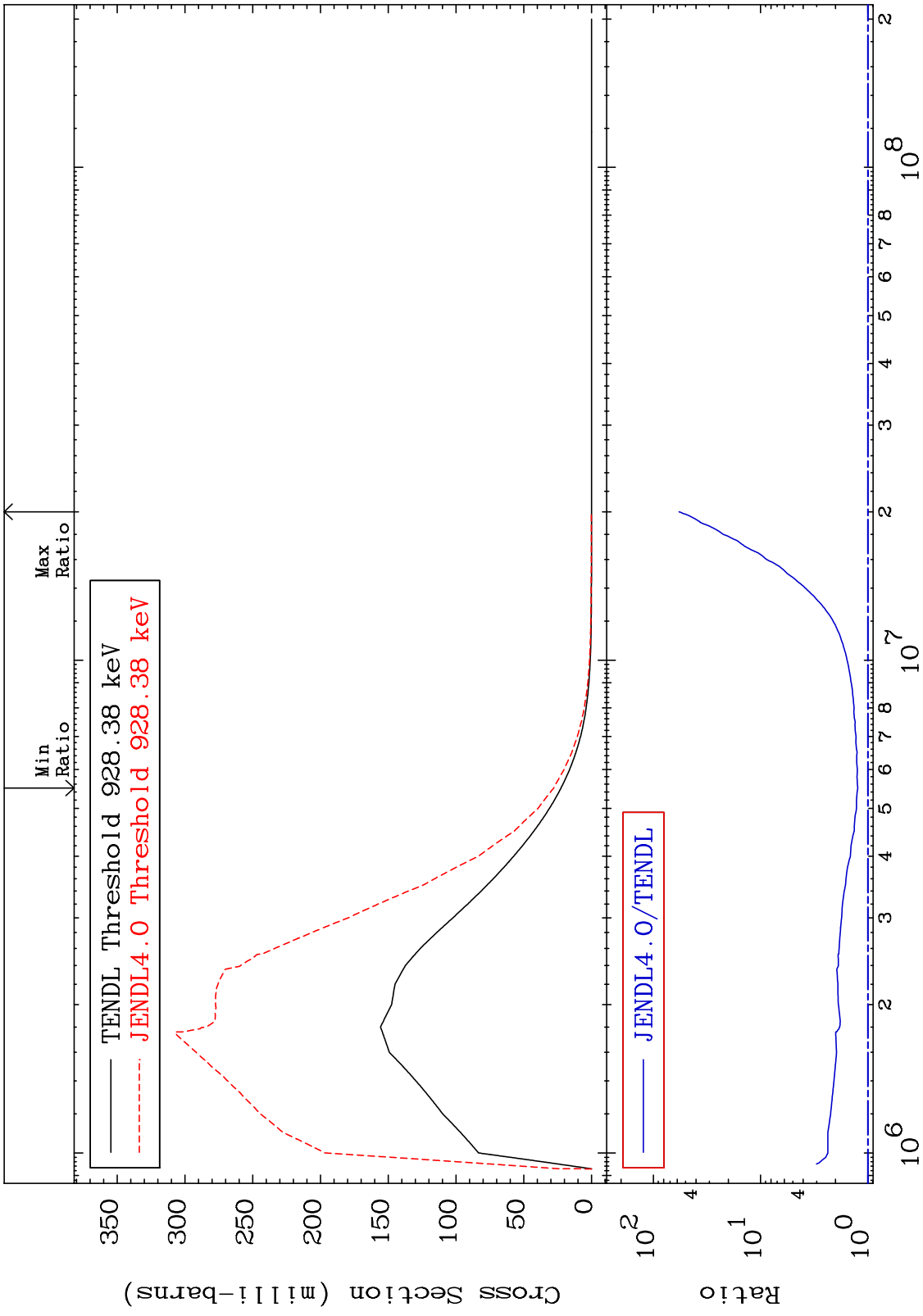


MAT 2325 MT= 55 (n,n') Level Cross Section 23-V -50
 -23.58 To 9999. %



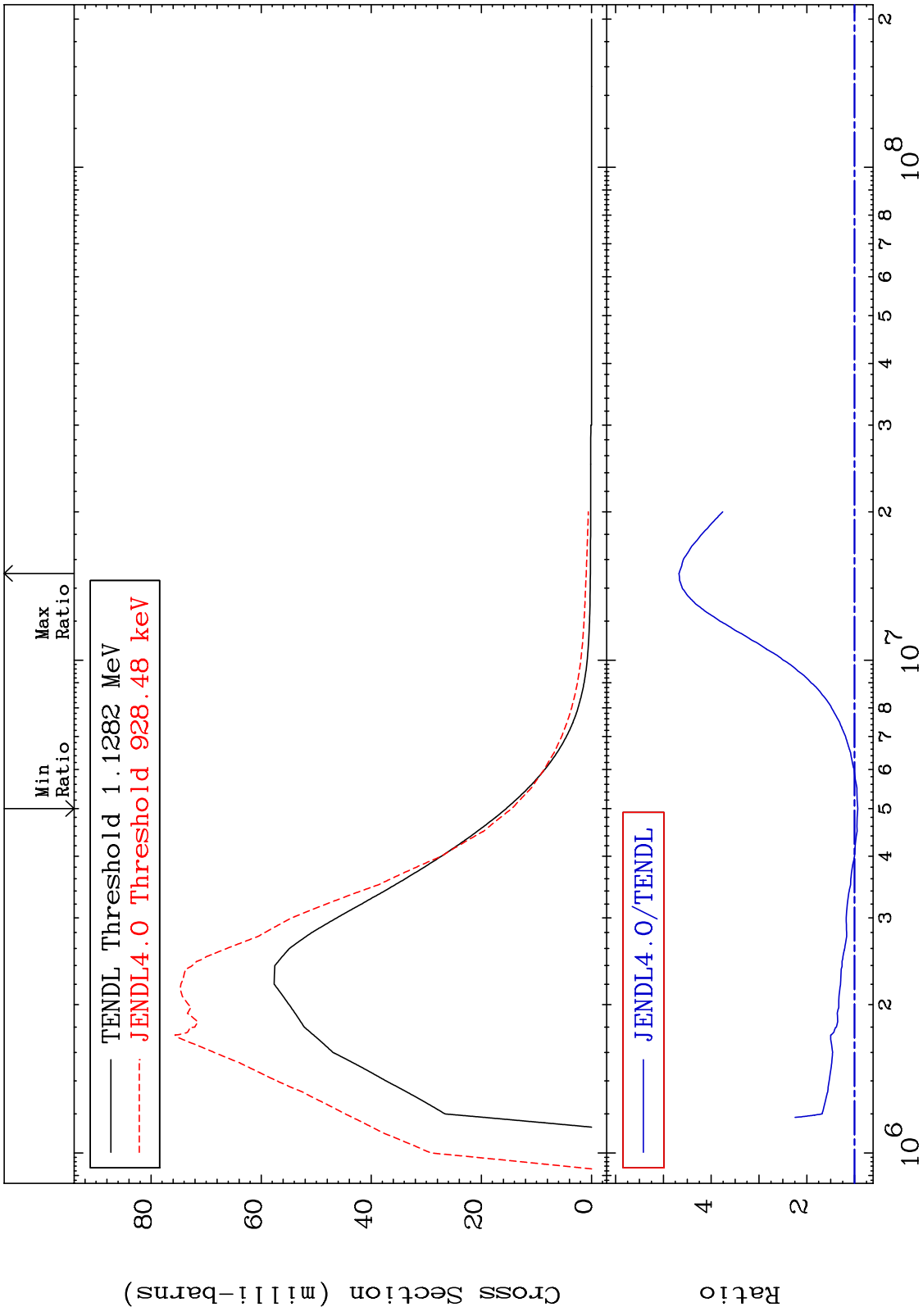
13 Incident Energy (eV) 23-V -50

MAT 2325 MT= 56 (n,n') Level Cross Section 23.84 To 5660. % 23-V -50



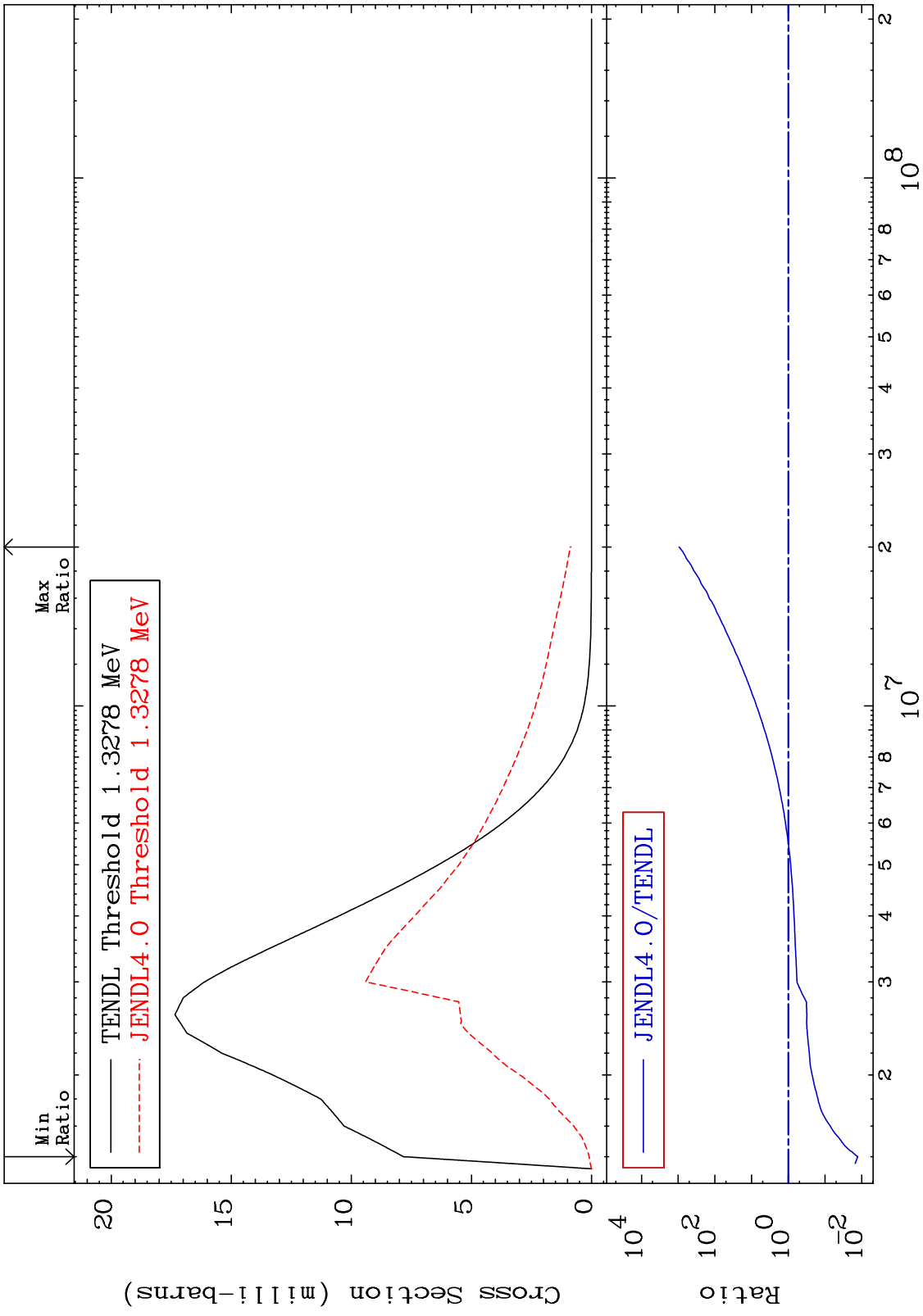
14 Incident Energy (eV) 23-V -50

MAT 2325 MT= 57 (n,n') Level Cross Section 23-V -50
-6.773 To 367.3 %

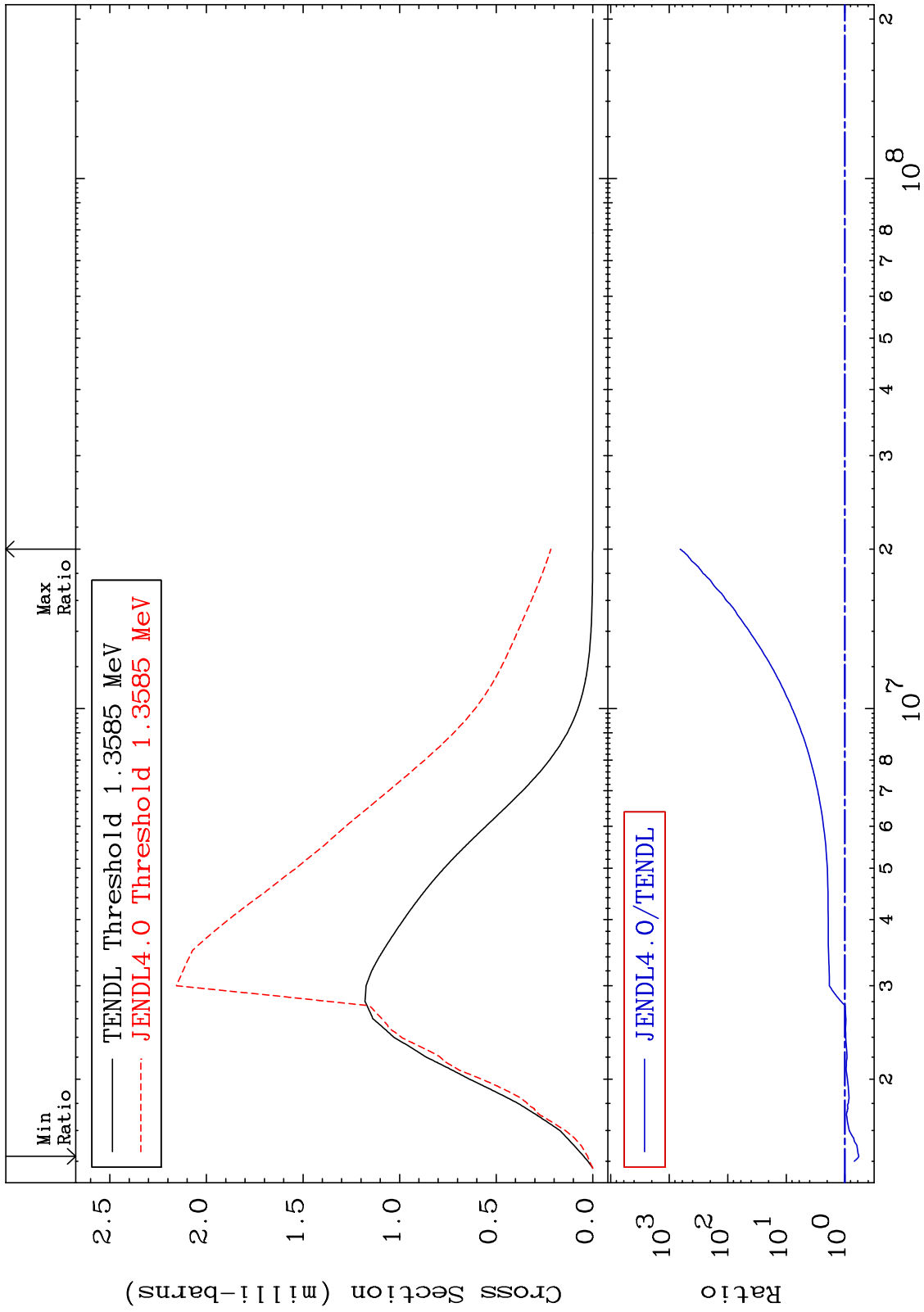


15 Incident Energy (eV) 23-V -50

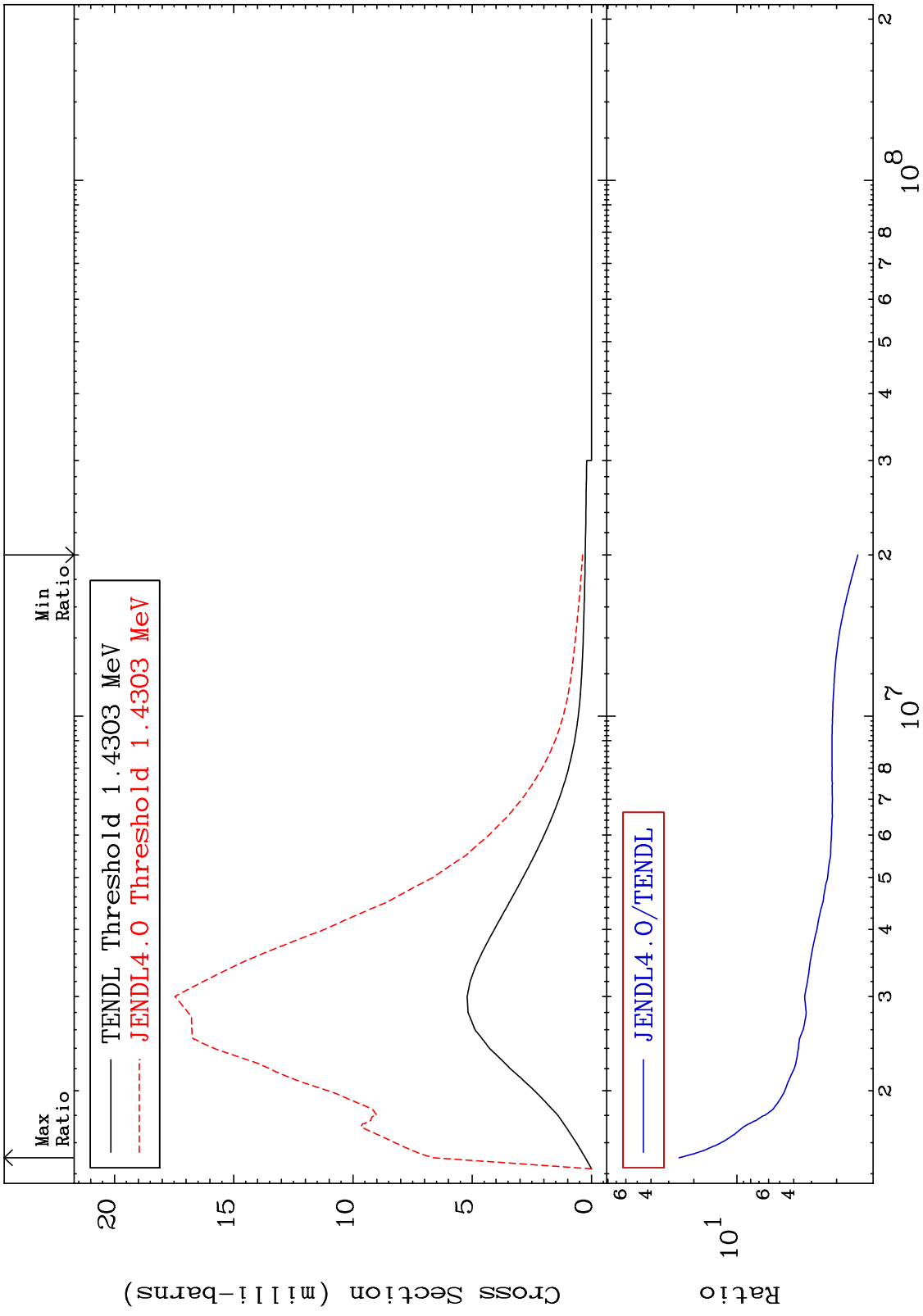
MAT 2325 MT= 58 (n,n') Level Cross Section 23-V -50
 -98.72 To 9999. %



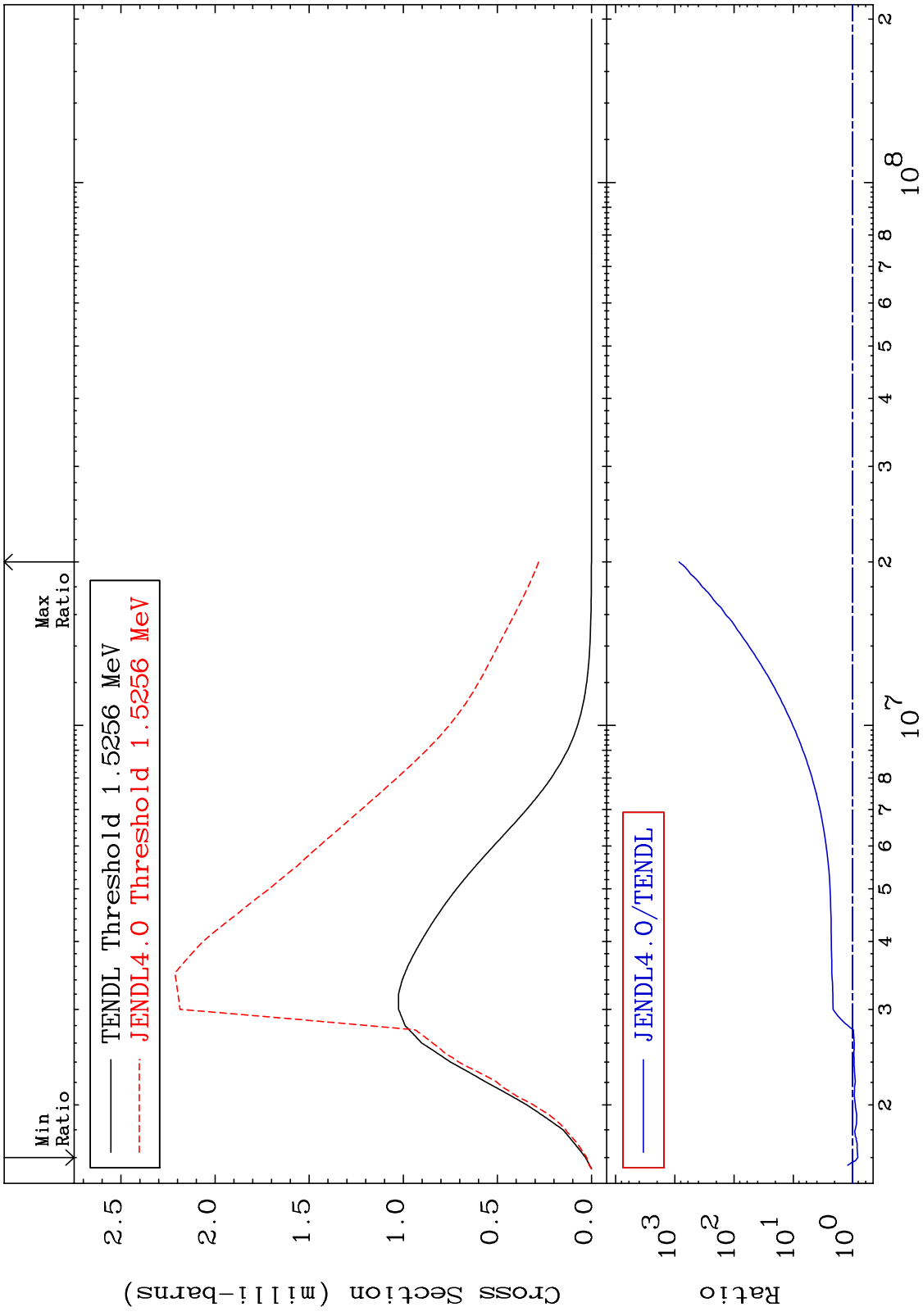
MAT 2325 MT= 59 (n,n') Level Cross Section 23-V -50
 -42.46 To 9999. %



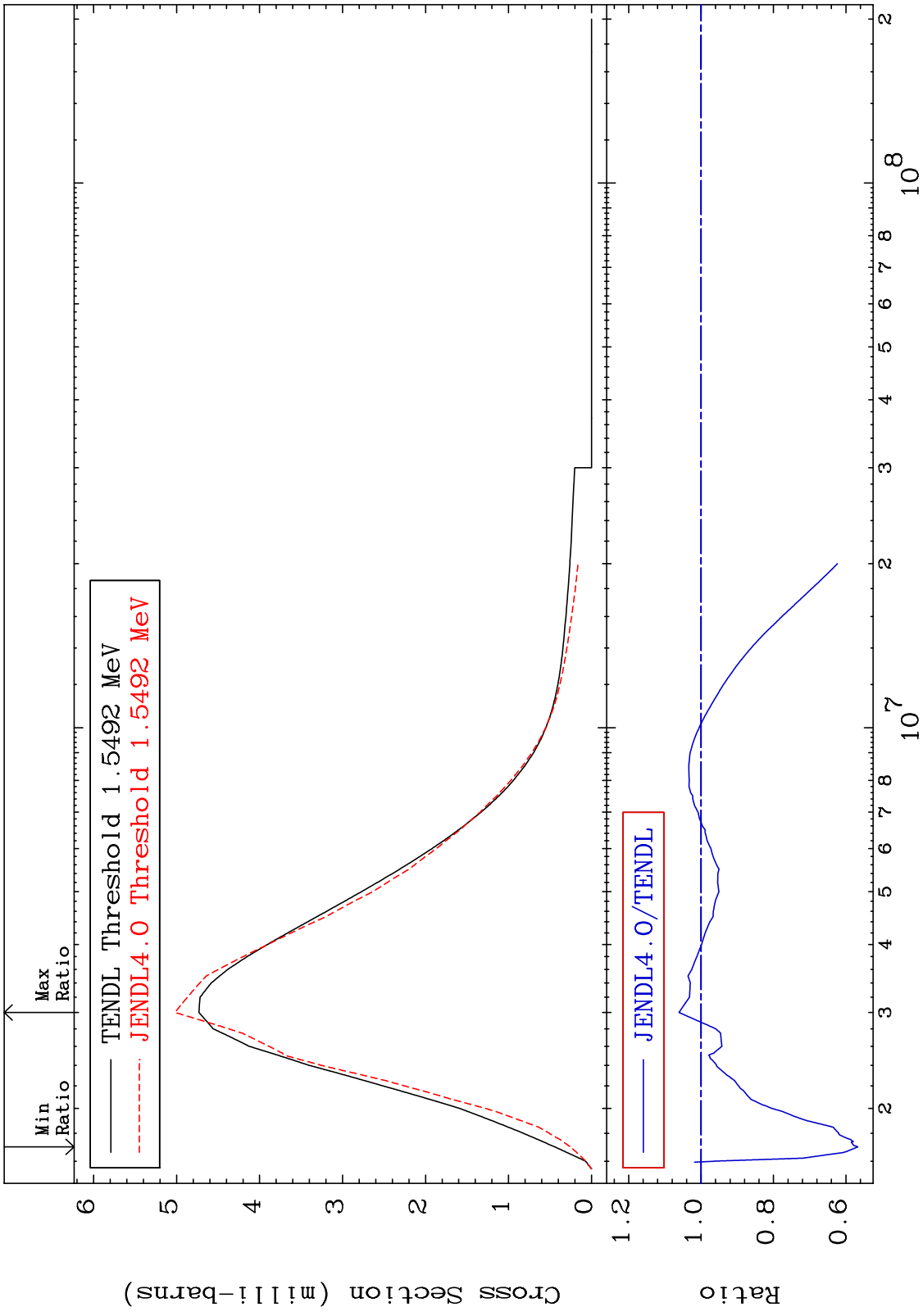
MAT 2325 MT= 60 (n,n') Level Cross Section 41.93 To 2443. % 23-V -50



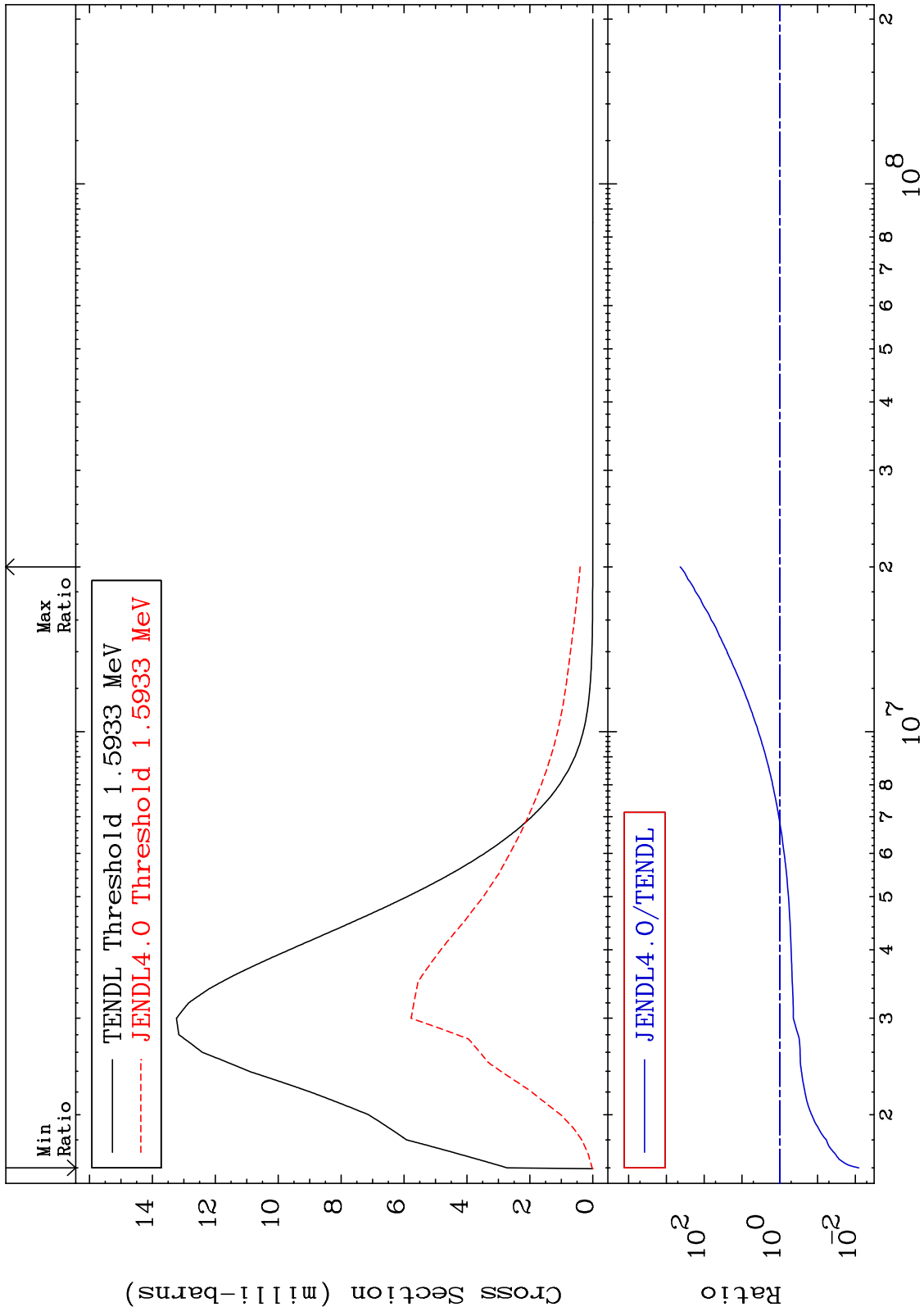
MAT 2325 MT= 61 (n,n') Level Cross Section -18.82 To 9999. % 23-V -50



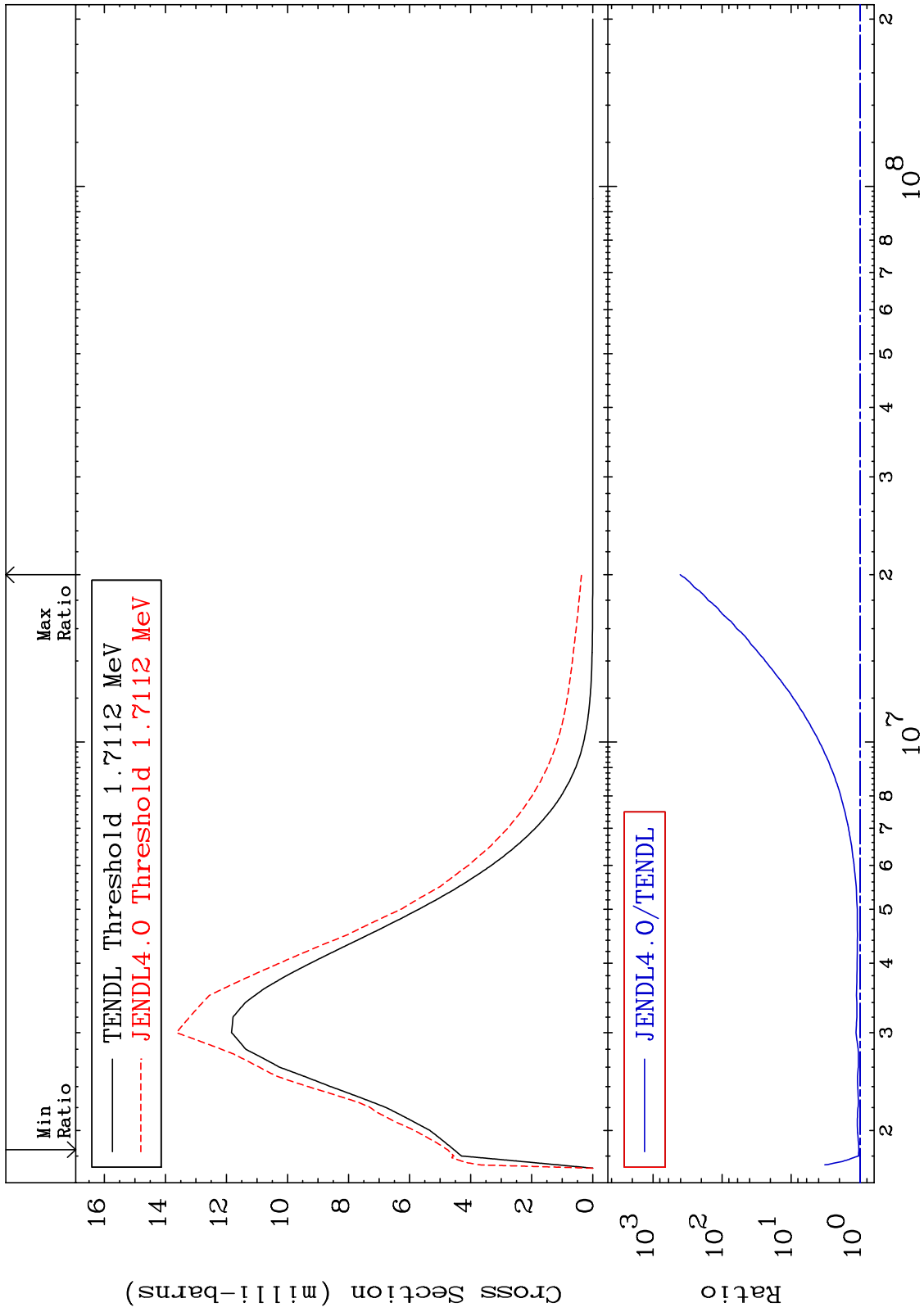
MAT 2325 MT= 62 (n,n') Level Cross Section 23-V -50
 -43.30 To 6.091 %



MAT 2325 MT= 63 (n,n') Level Cross Section 23-V -50
 -99.19 To 9999. %

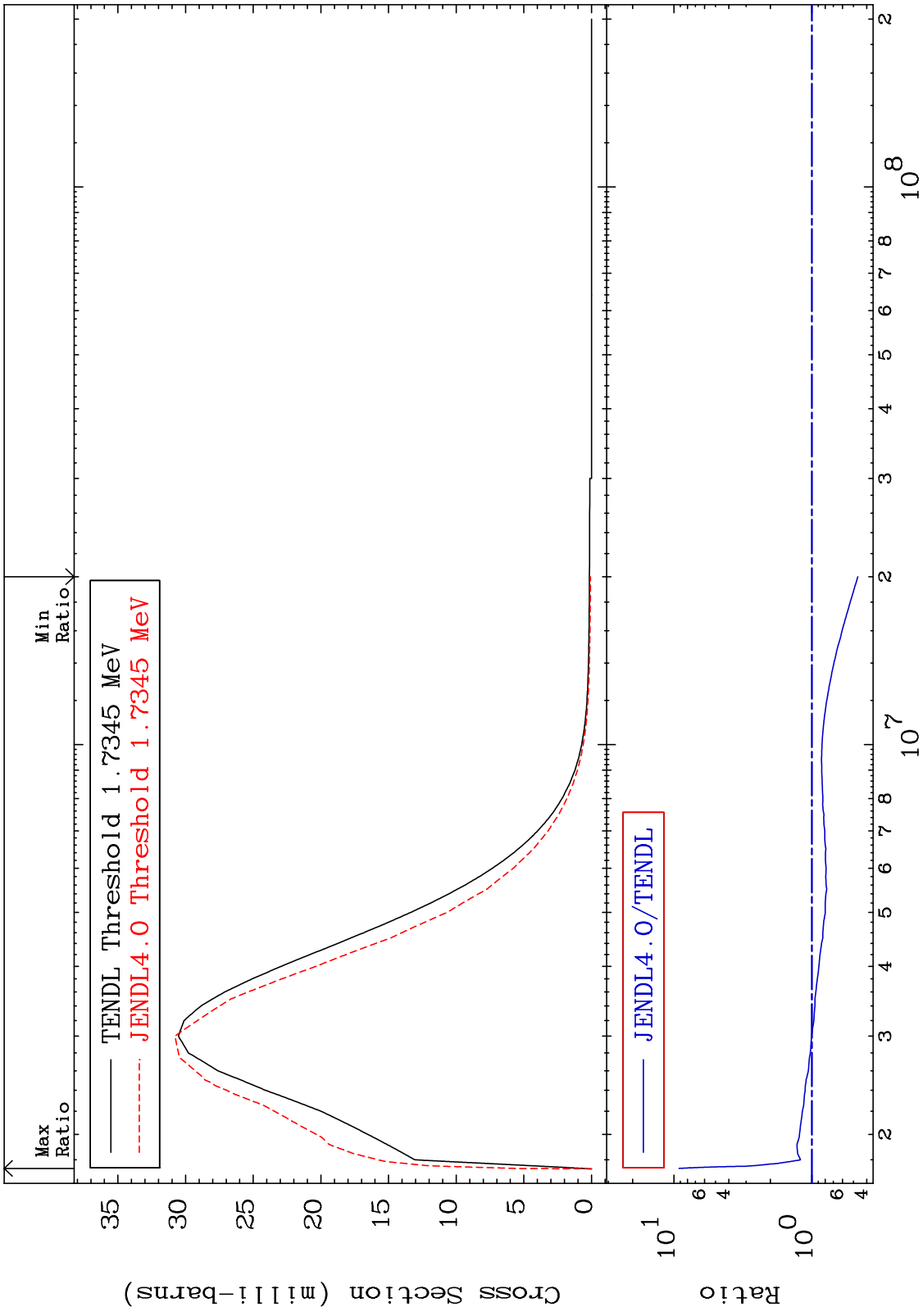


MAT 2325 MT= 64 (n,n') Level Cross Section 23-V -50
 4.646 To 9999. %

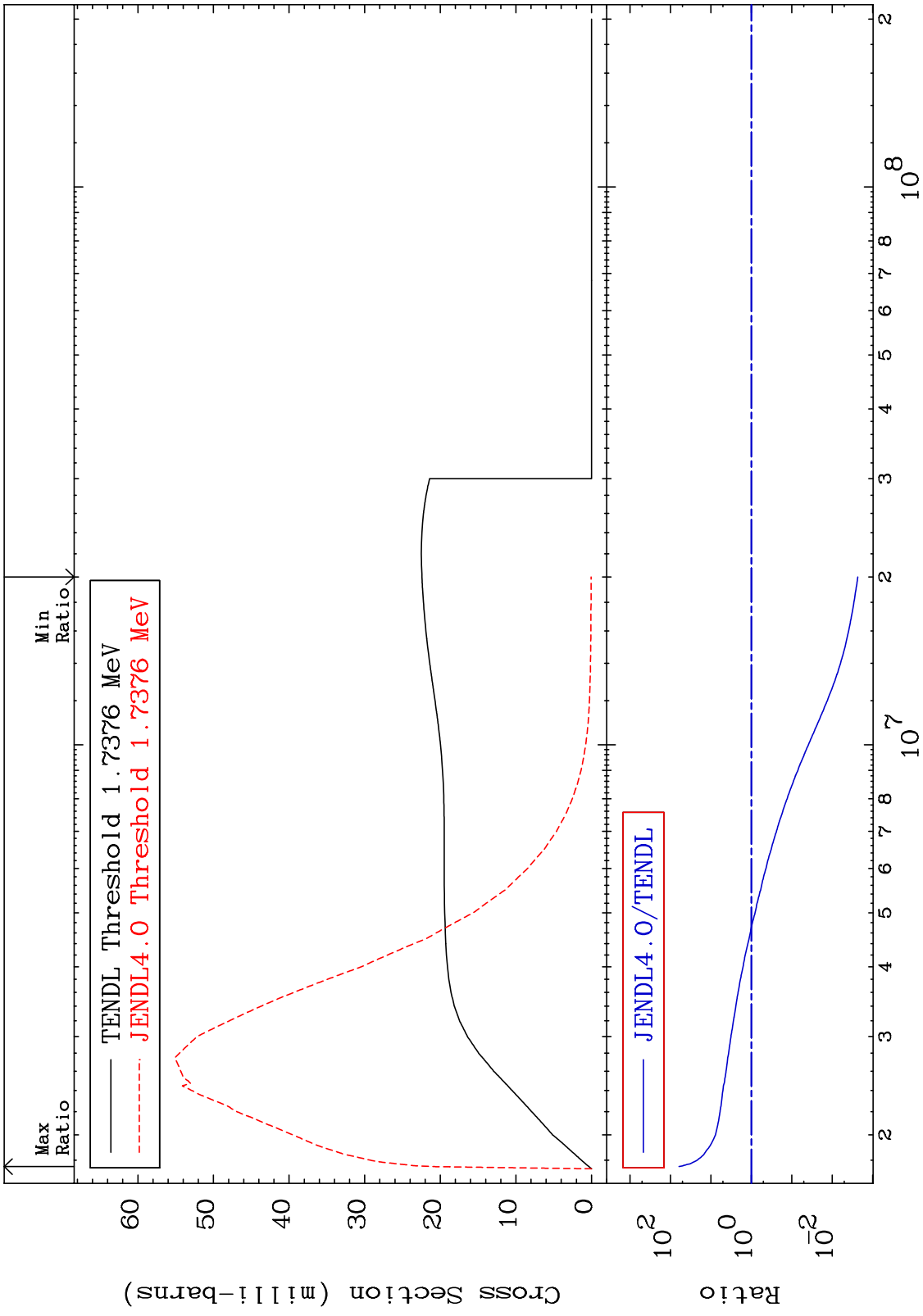


22 23-V -50

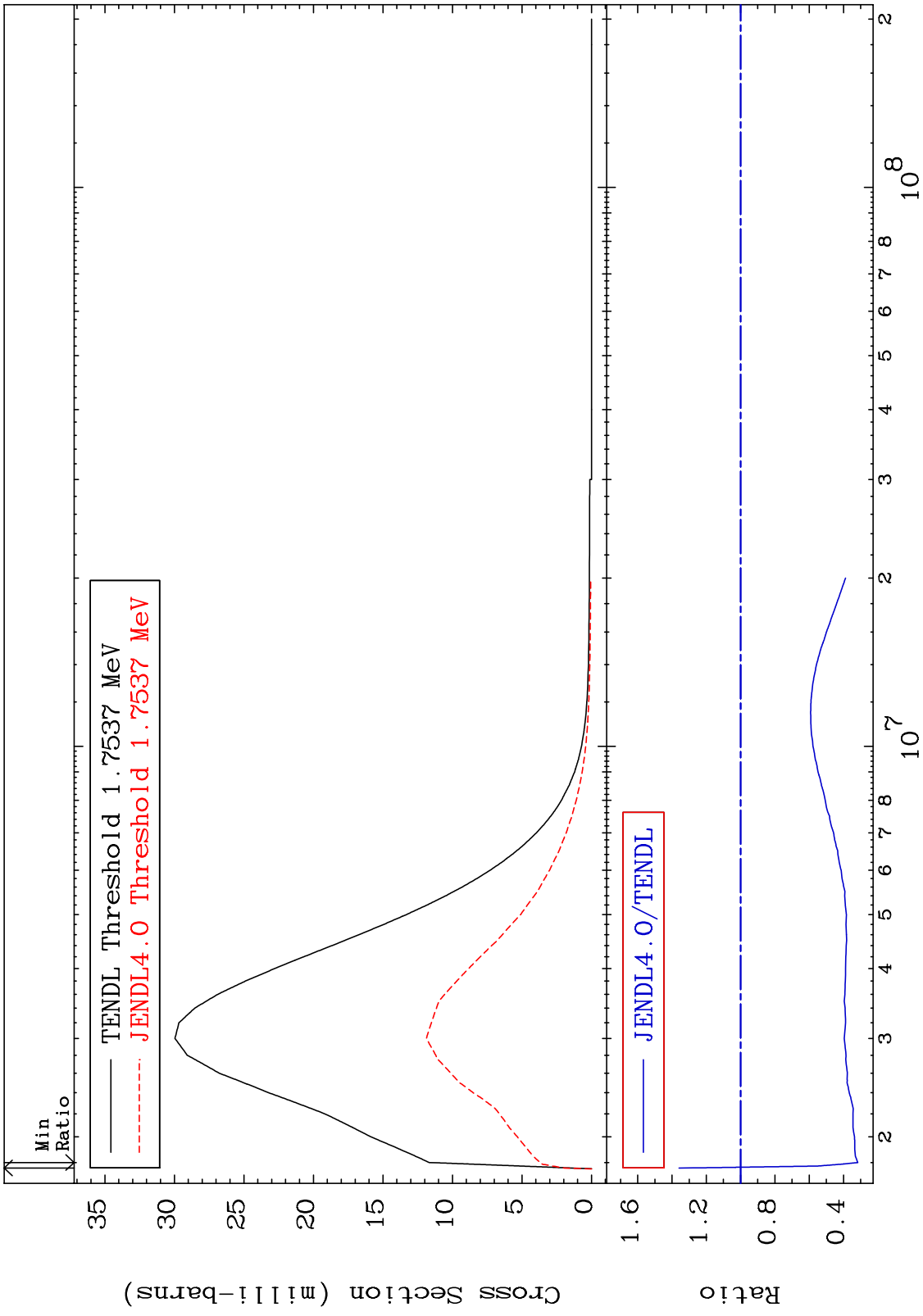
MAT 2325 MT= 65 (n,n') Level Cross Section 23-V -50
 -53.58 To 820.0 %



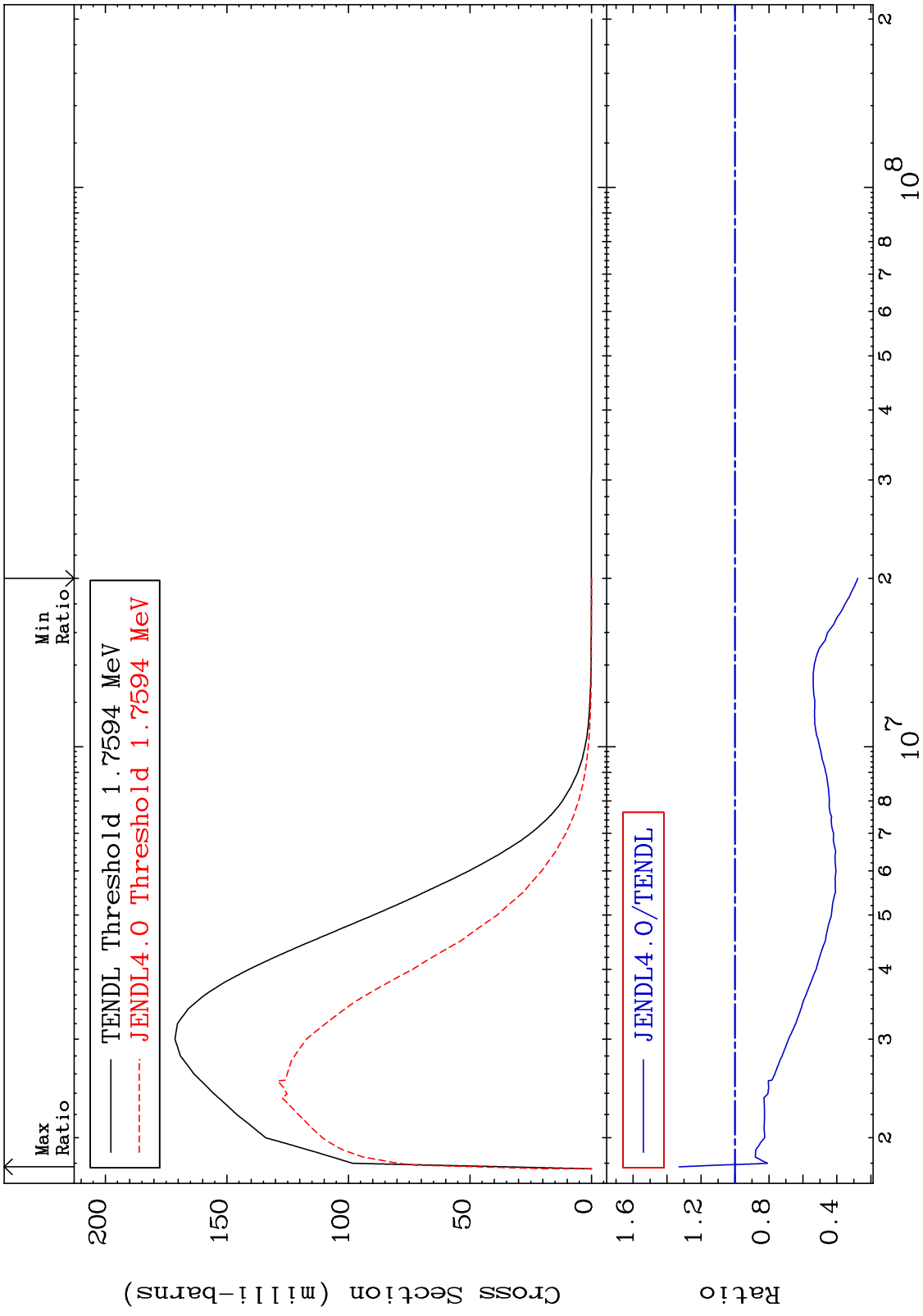
MAT 2325 MT= 66 (n,n') Level Cross Section 23-V -50
 -99.77 To 6000. %



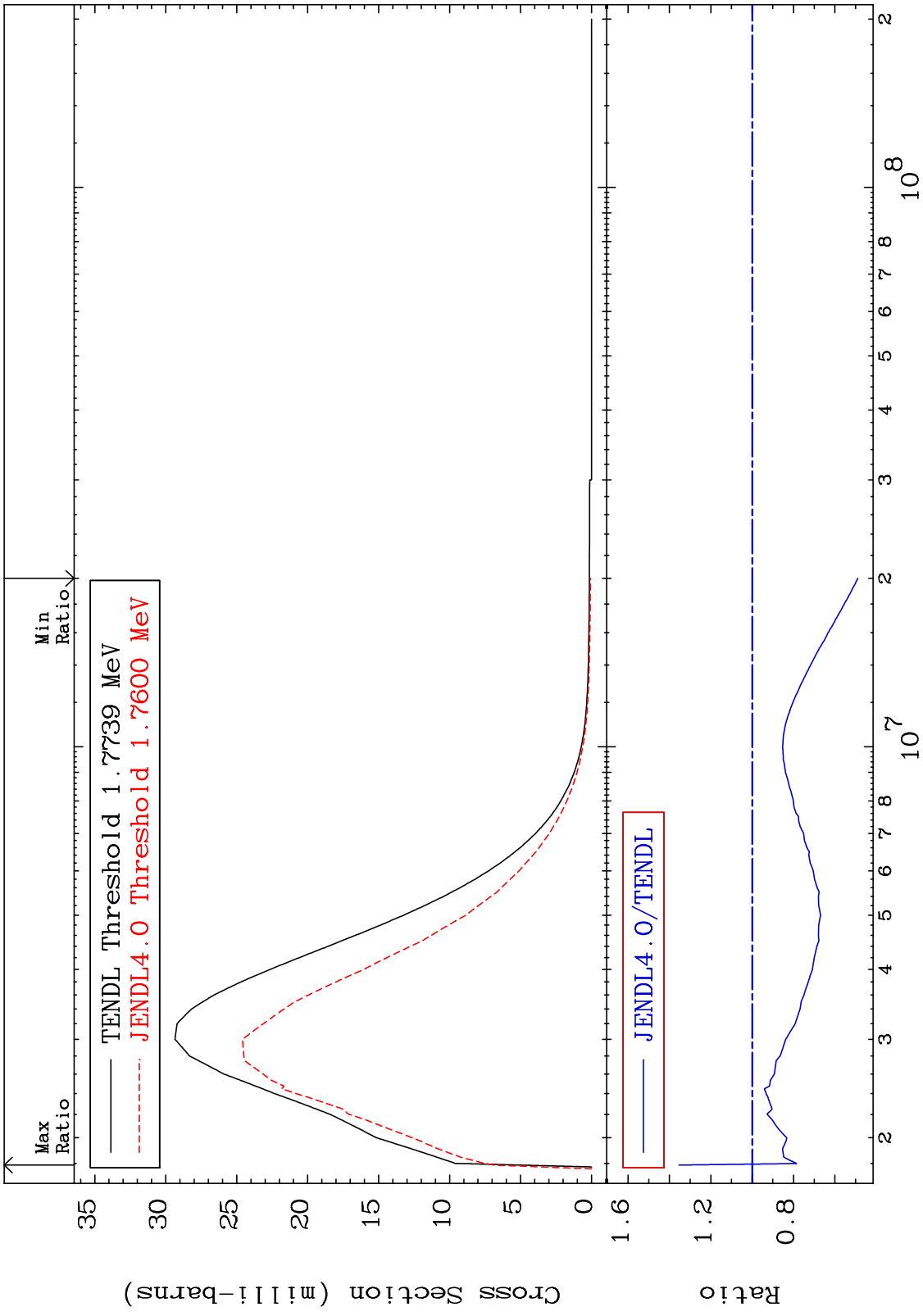
MAT 2325 MT= 67 (n,n') Level Cross Section 23-V -50
 -68.32 To 35.89 %



MAT 2325 MT= 68 (n,n') Level Cross Section -72.32 To 32.93 % 23-V -50

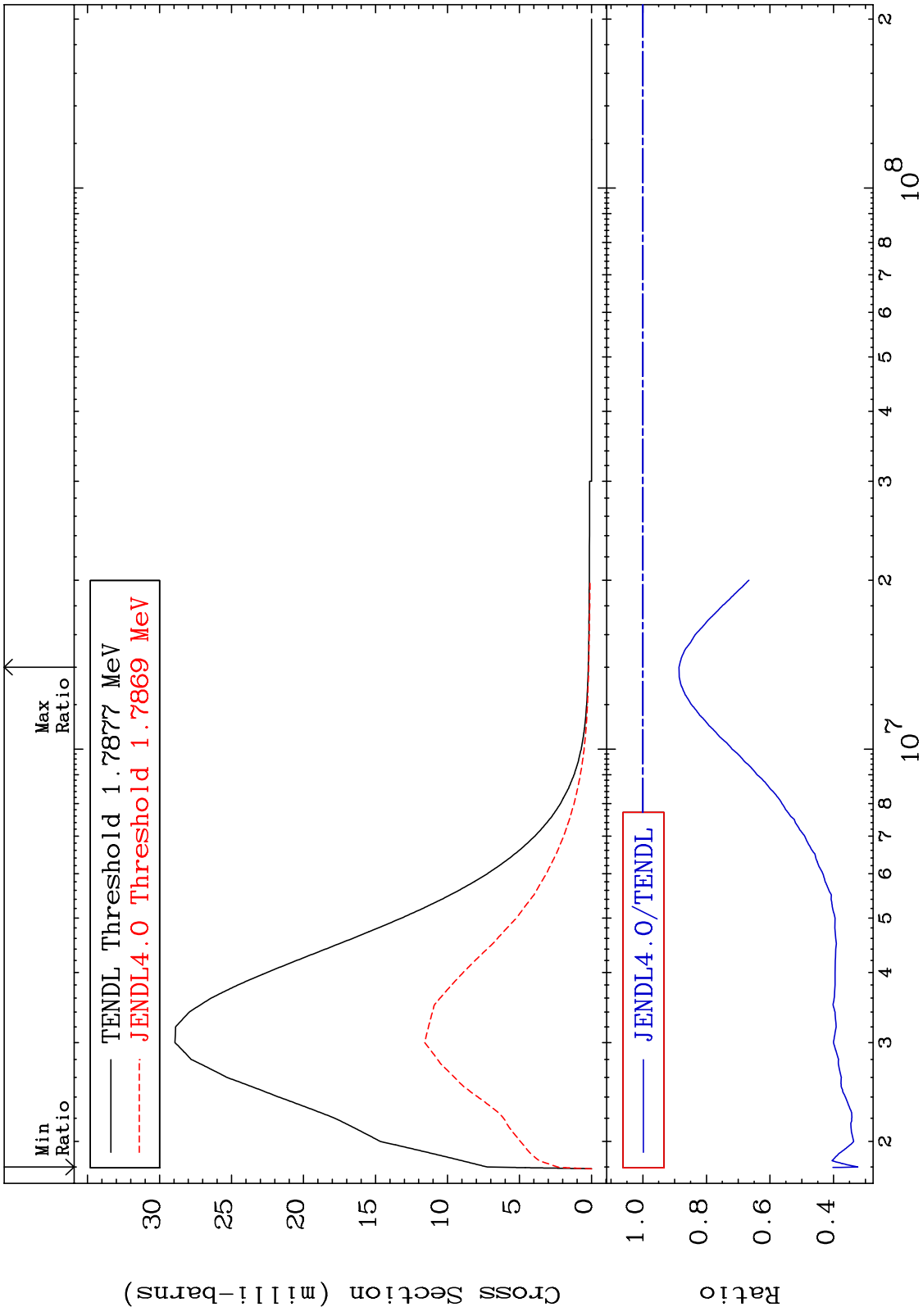


MAT 2325 MT= 69 (n,n') Level Cross Section -51.10 To 35.37 % 23-V -50

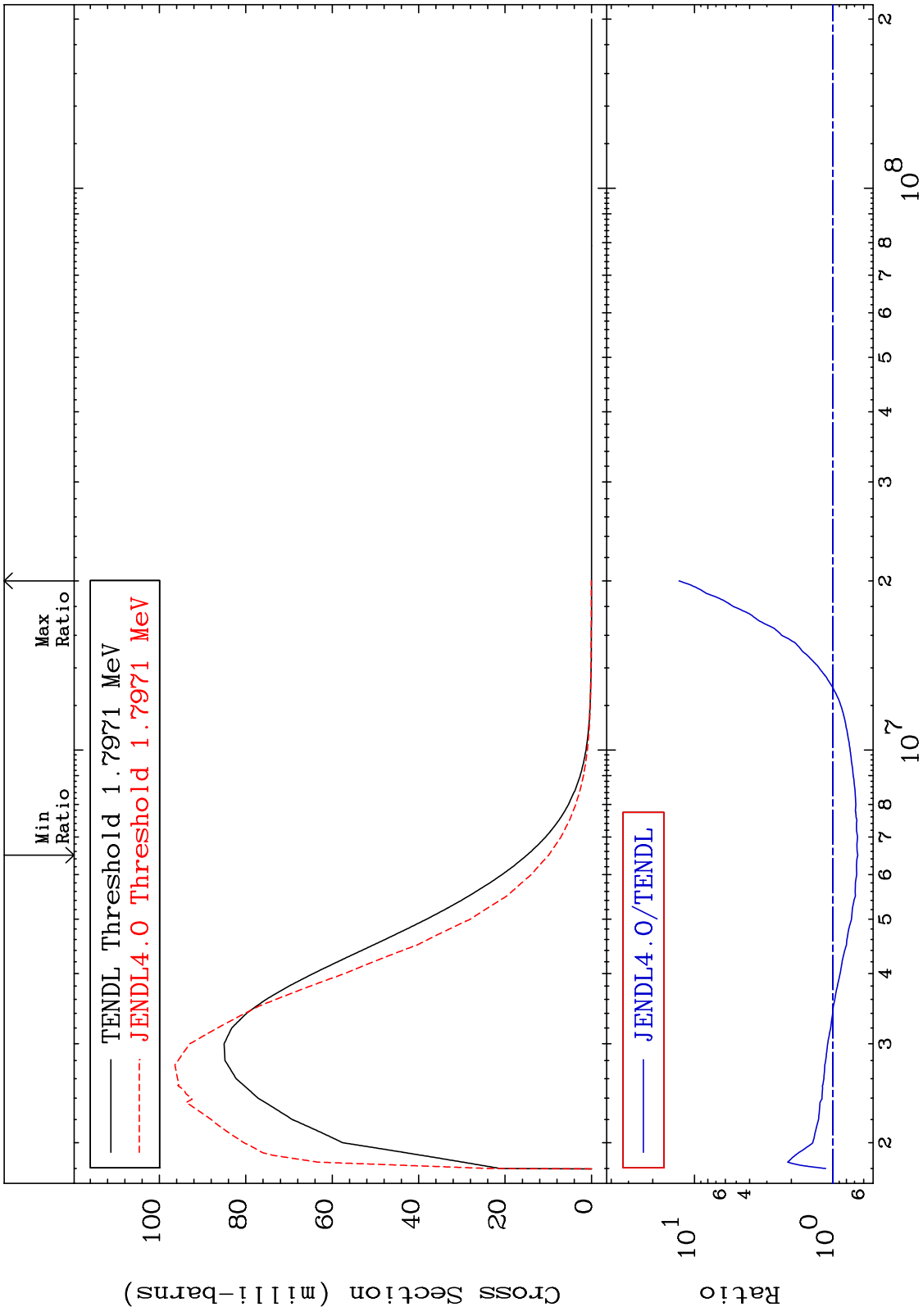


27 23-V -50

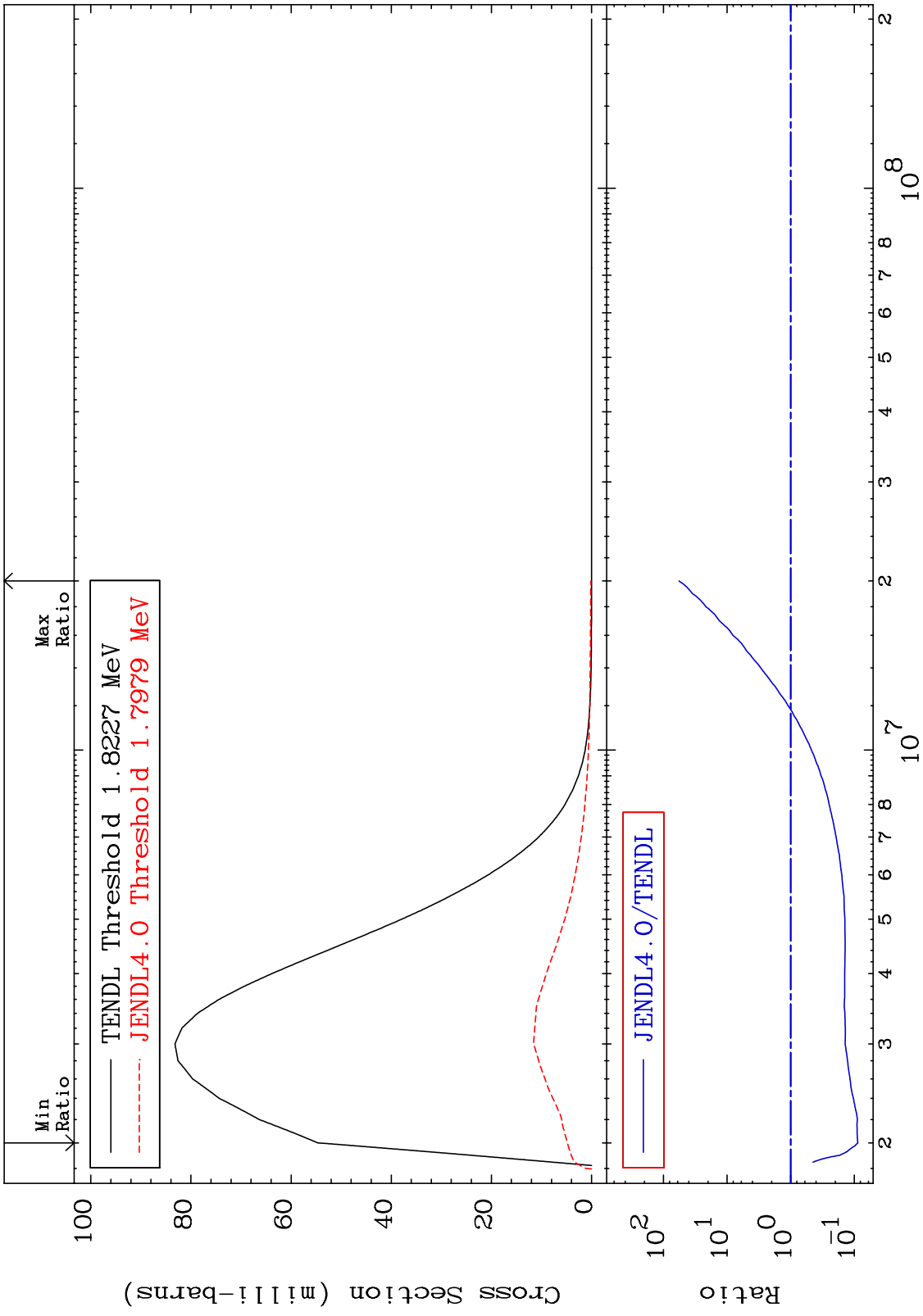
MAT 2325 MT= 70 (n,n') Level Cross Section 23-V -50
 -67.62 To -11.39%



MAT 2325 MT= 71 (n,n') Level Cross Section 23-V -50
 -33.88 To 1193. %

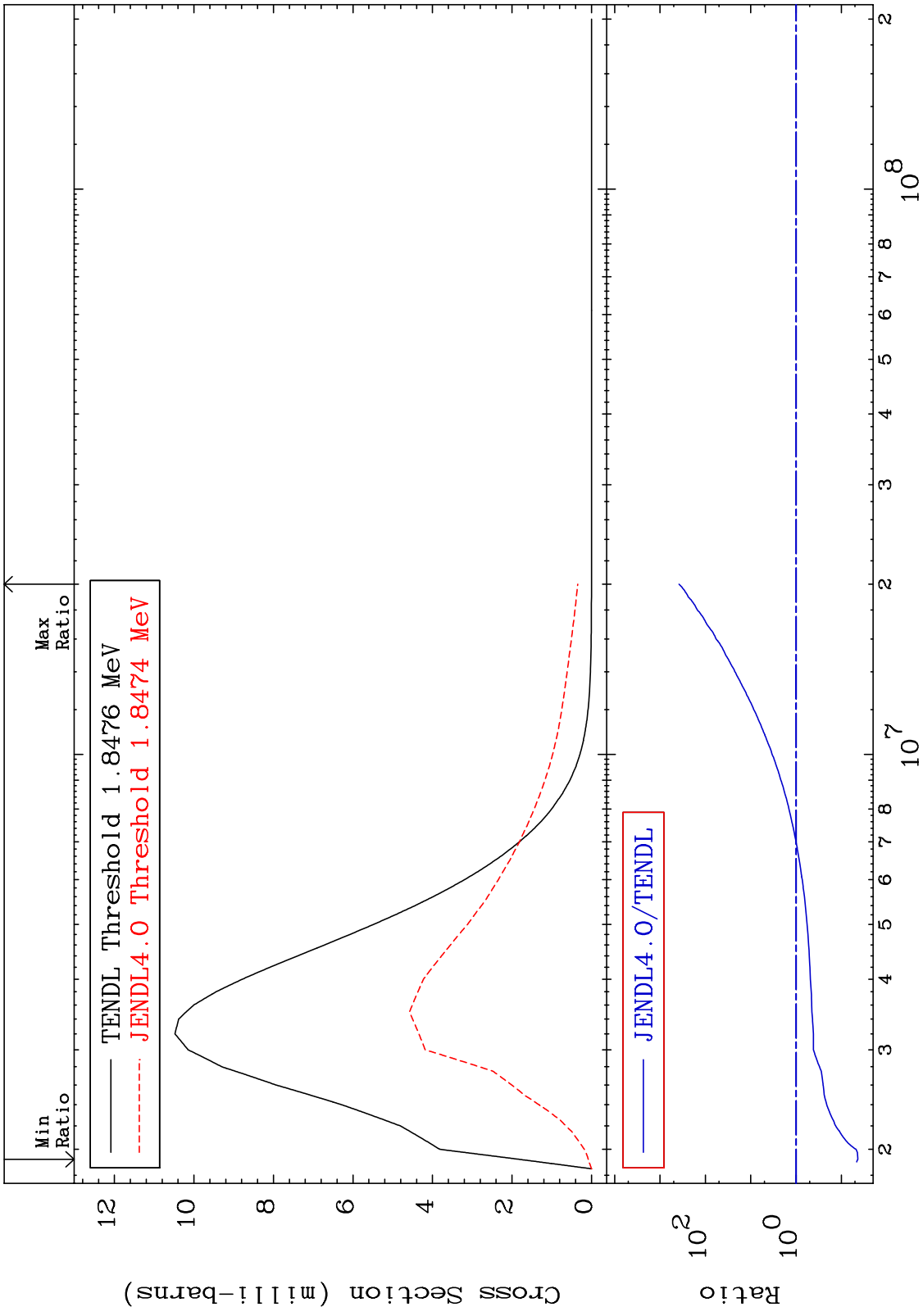


MAT 2325 MT= 72 (n,n') Level Cross Section 23-V -50
 -91.19 To 5600. %

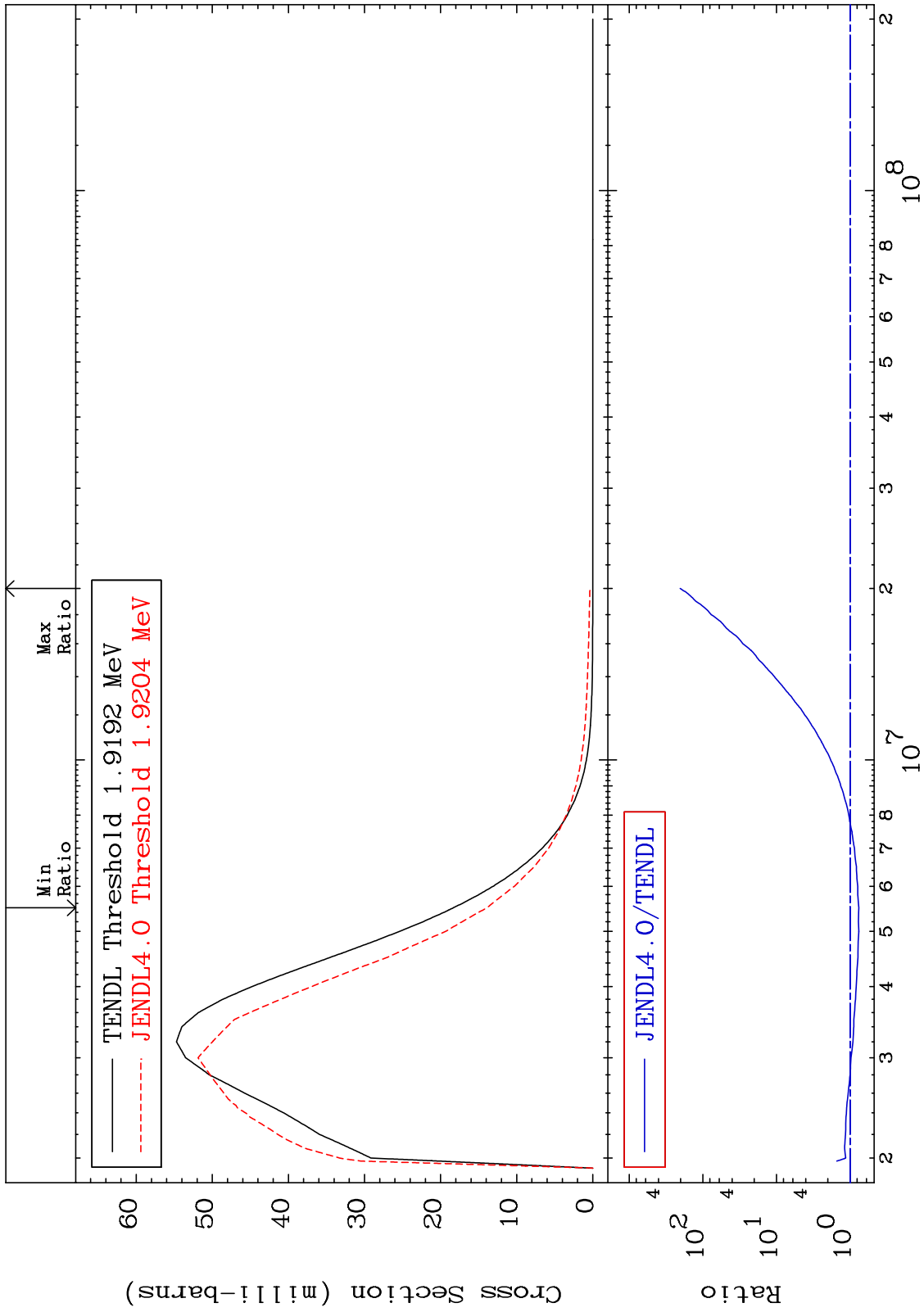


30 Incident Energy (eV) 23-V -50

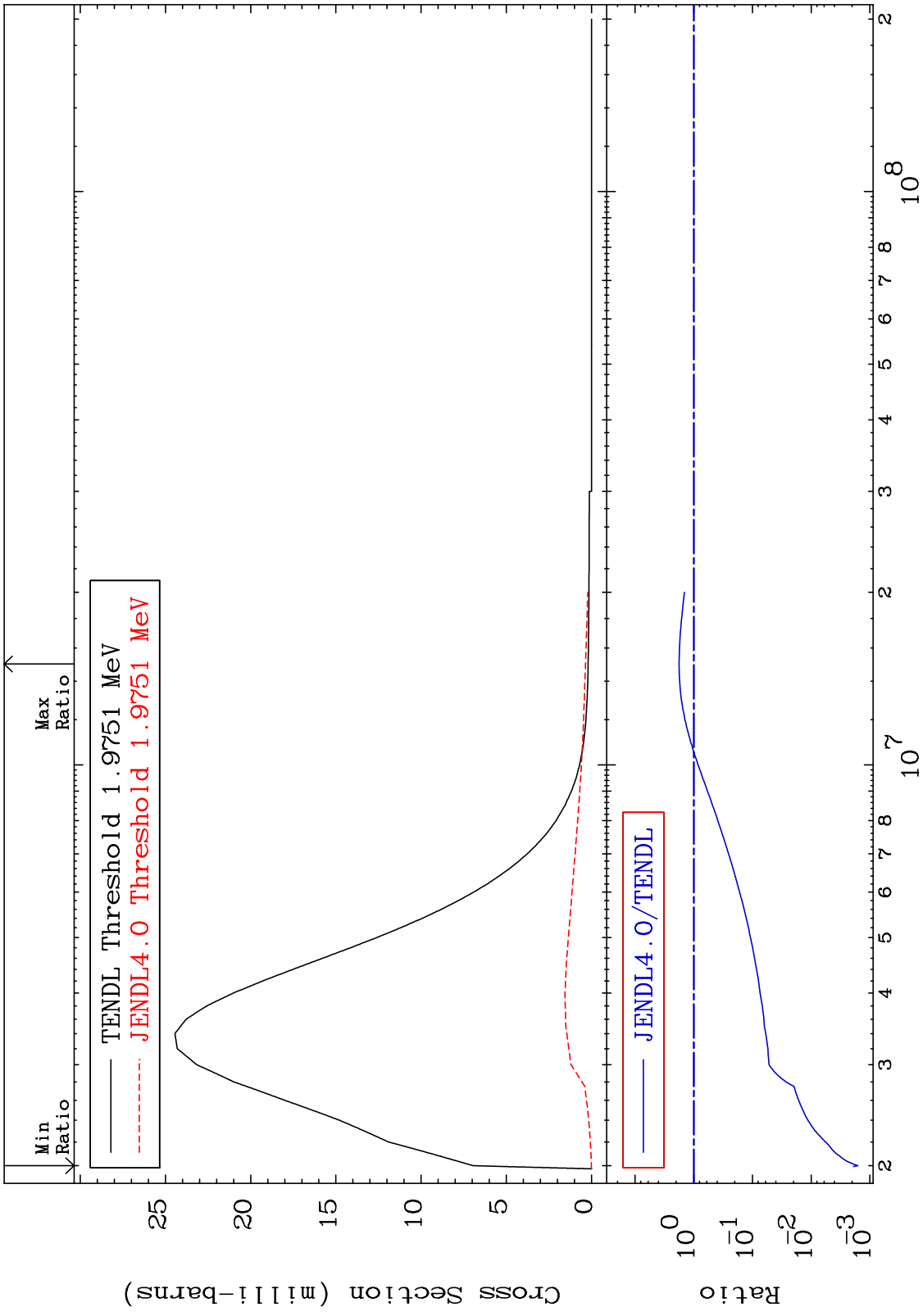
MAT 2325 MT= 73 (n,n') Level Cross Section 23-V -50
 -95.66 To 9999. %



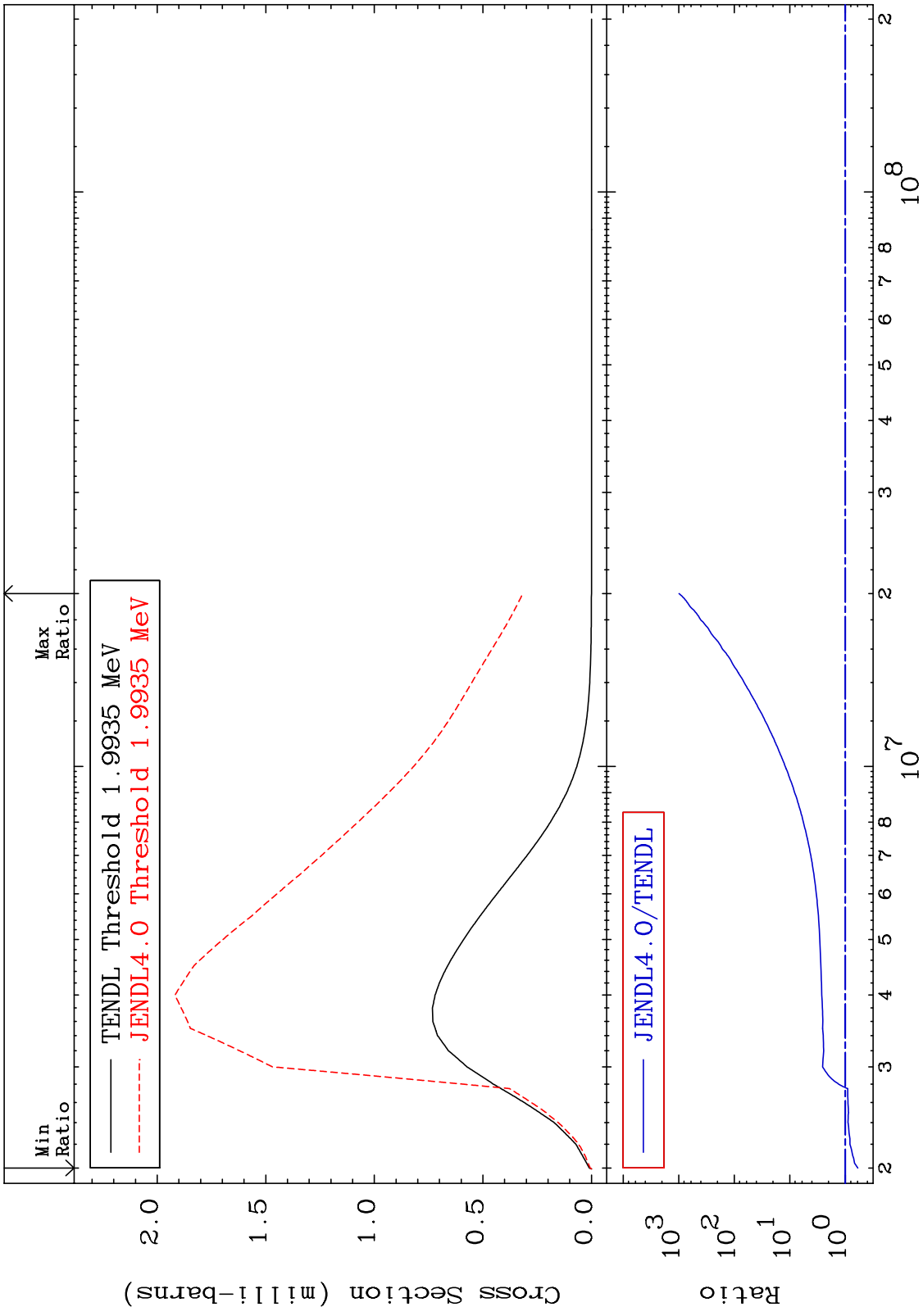
MAT 2325 MT= 74 (n,n') Level Cross Section 23-V -50
 -24.13 To 9999. %



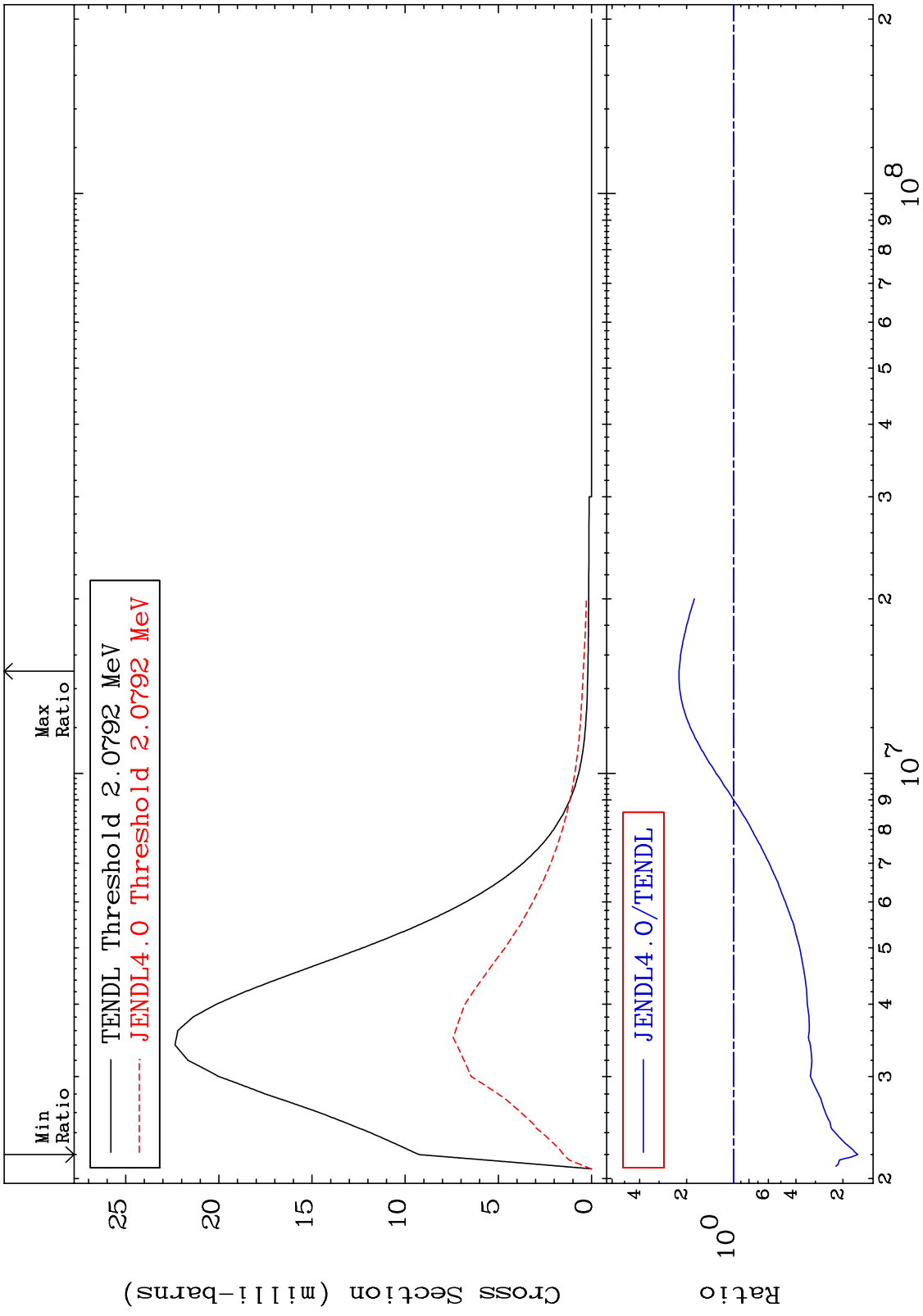
MAT 2325 MT= 75 (n,n') Level Cross Section 23-V -50
 -99.84 To 78.41 %



MAT 2325 MT= 76 (n,n') Level Cross Section -40.51 To 9999. % 23-V -50



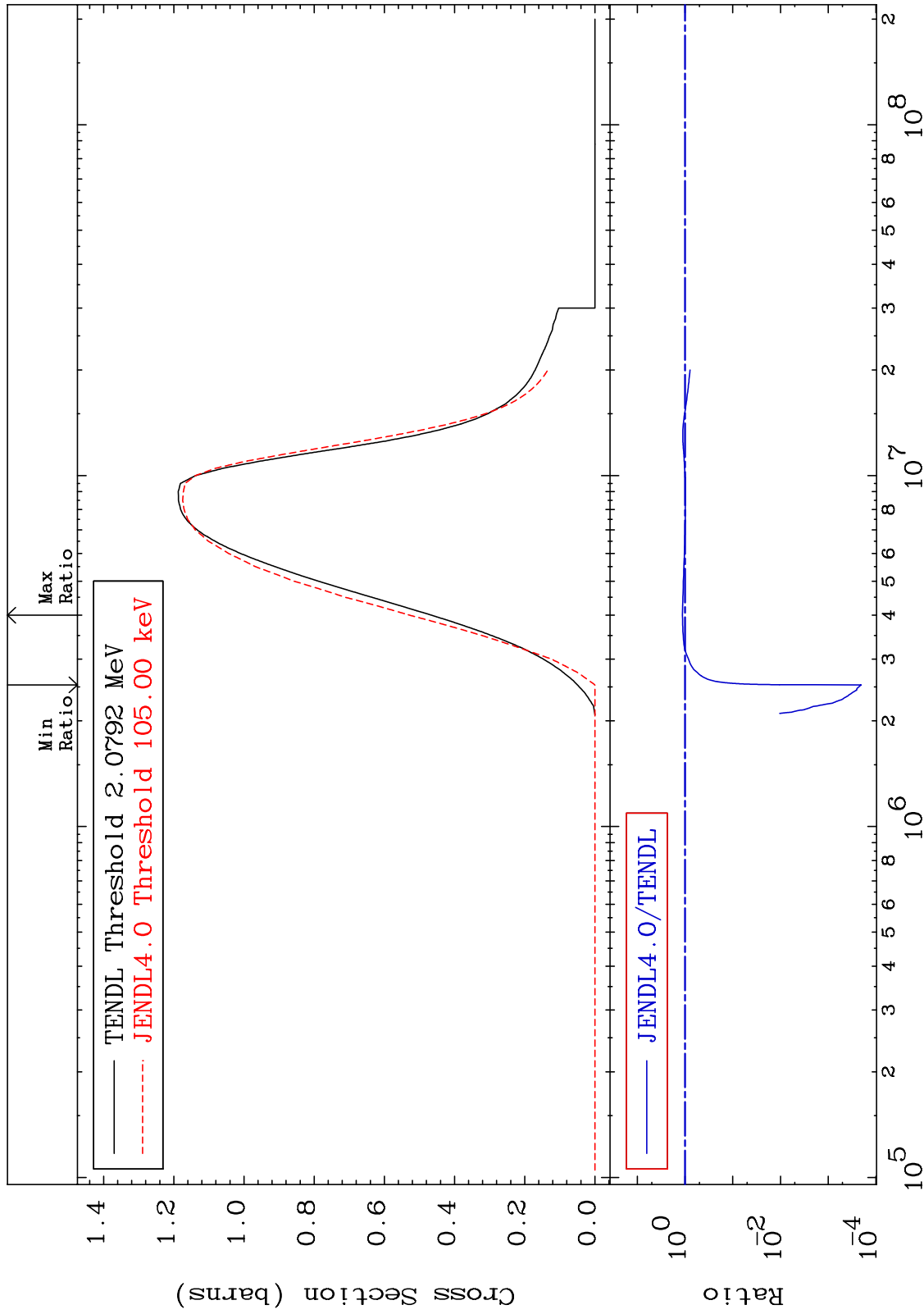
MAT 2325 MT= 77 (n,n') Level Cross Section 23-V -50
 -83.93 To 123.7 %



MAT 2325

(n, n') Continuum
Cross Section

23-V -50
-99.98 To 13.41 %



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Incident Energy (eV)

23-V -50

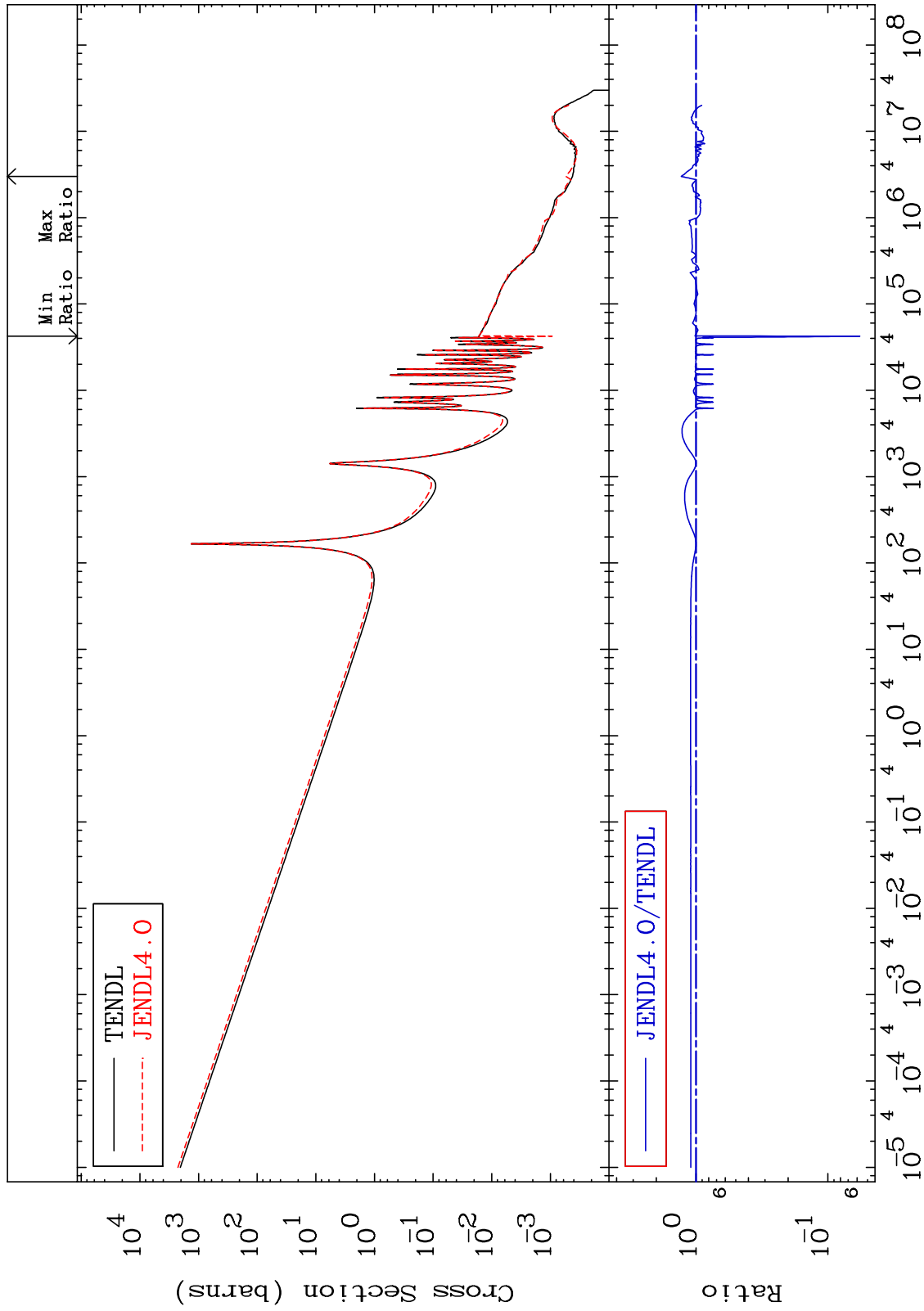
MAT 2325

(n, γ)

23-V -50

Cross Section

-94.27 To 29.41 %



37

Incident Energy (eV)

23-V -50

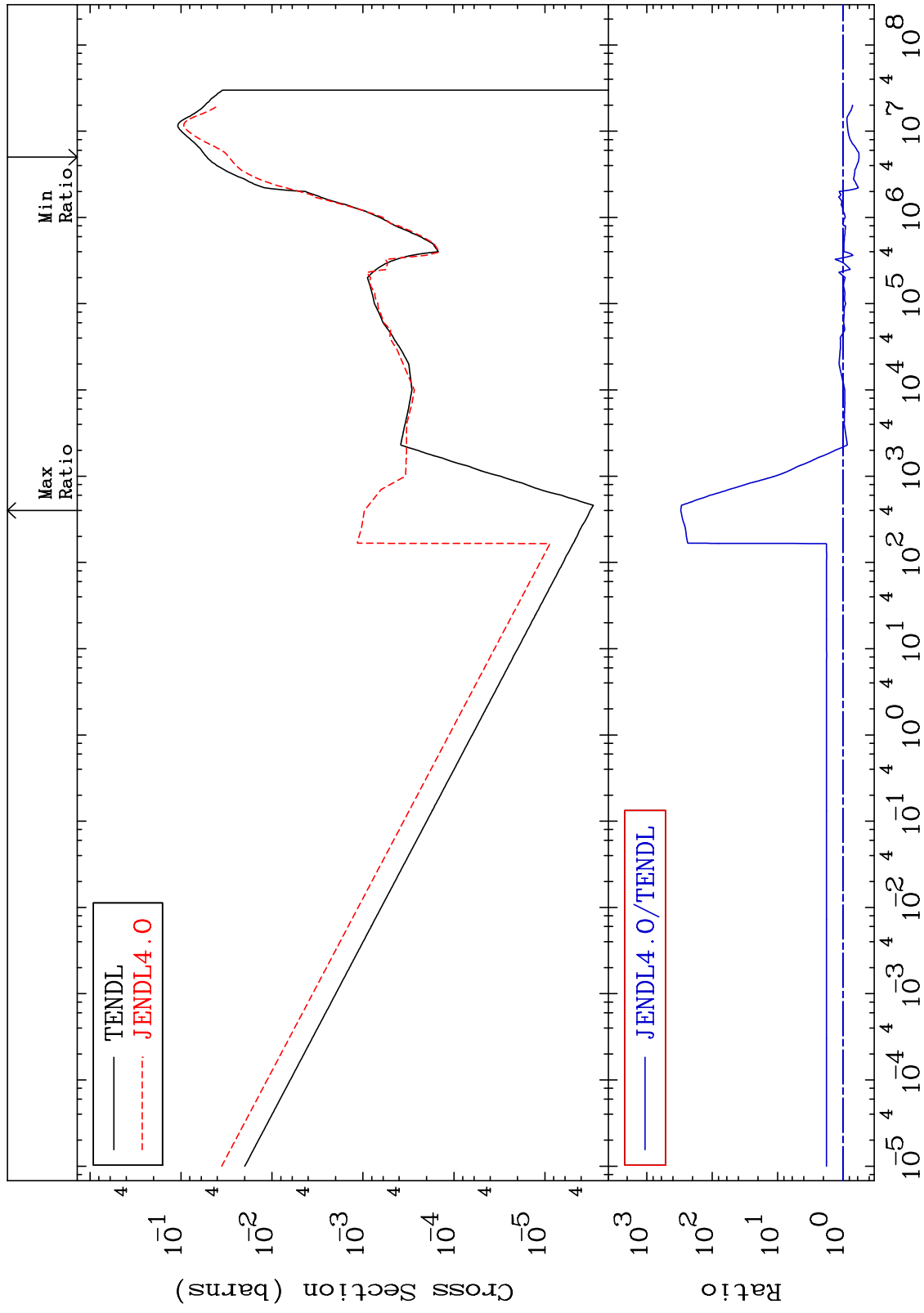
MAT 2325

(n,p)

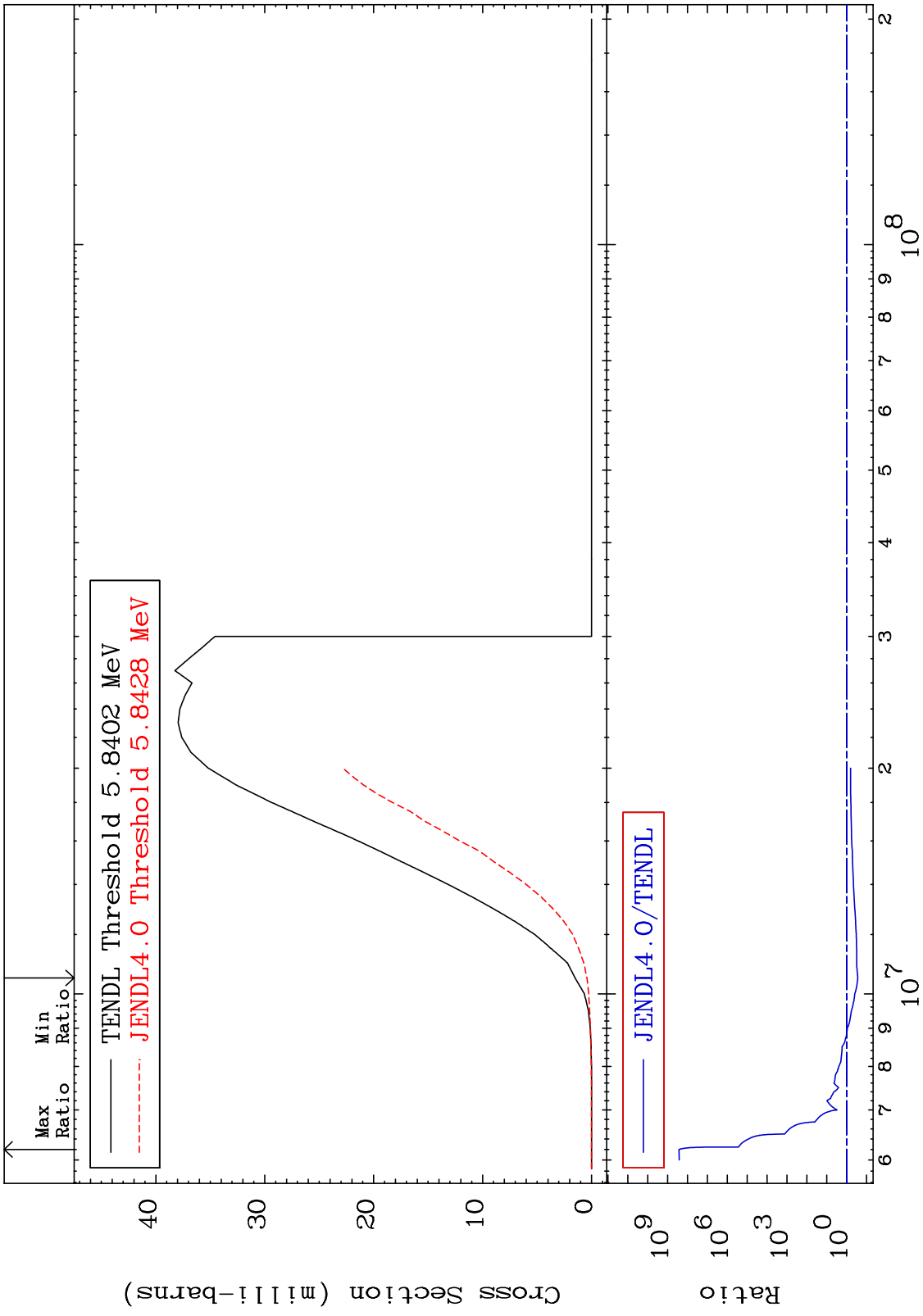
23-V -50

Cross Section

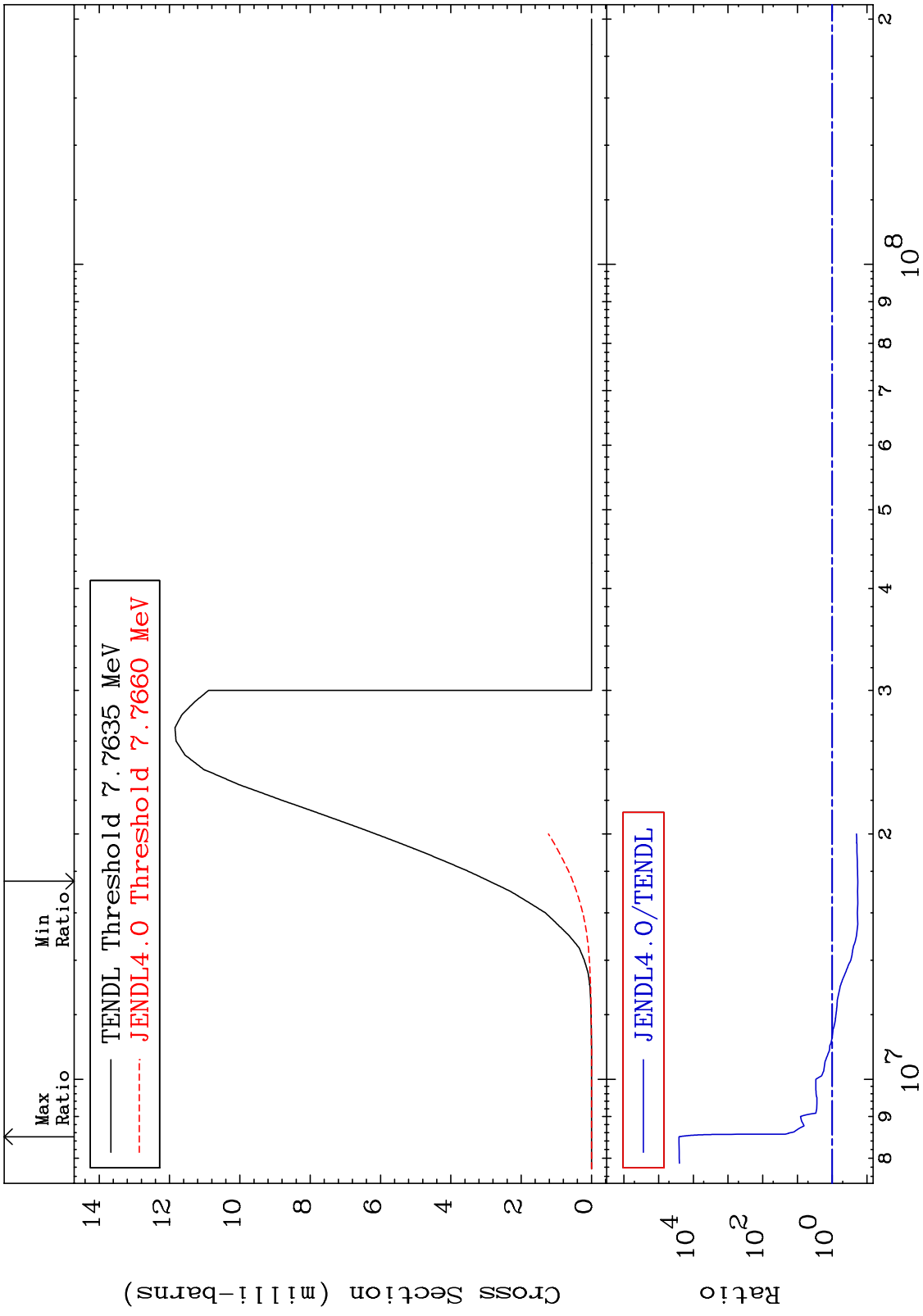
-42.91 To 9999. %



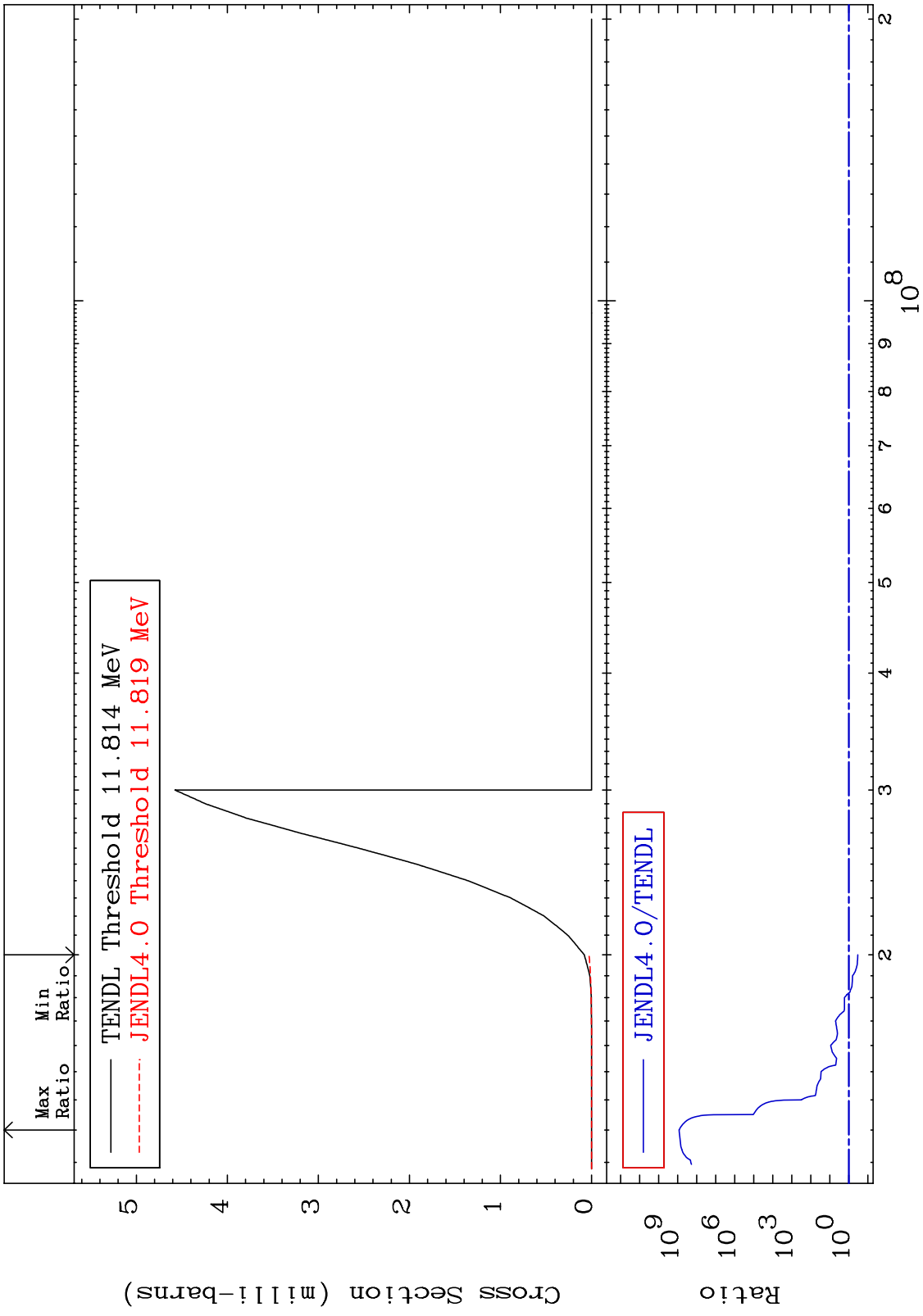
MAT 2325 (n,d) 23-V -50
 Cross Section -72.32 To 9999. %

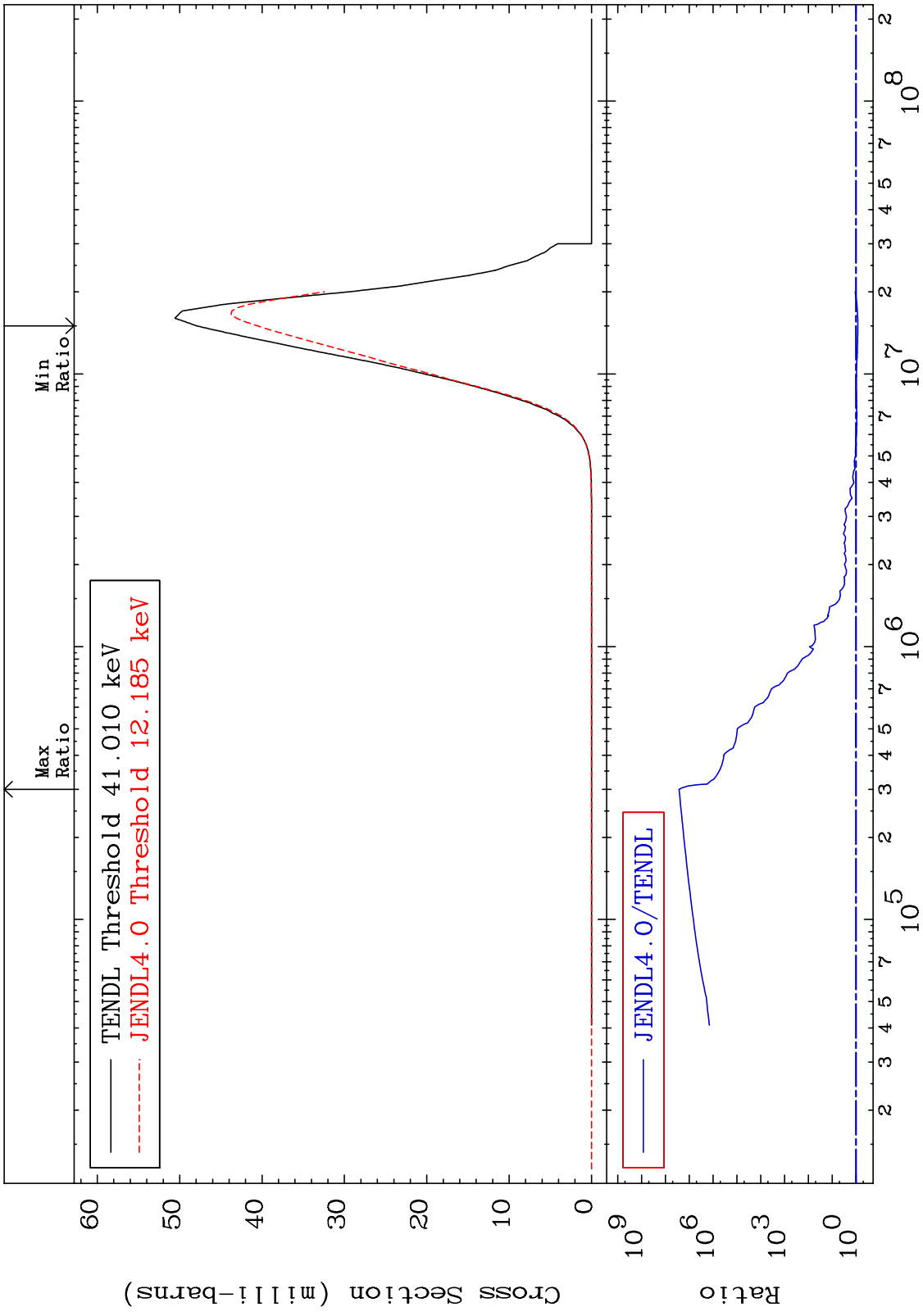


MAT 2325 (n,t) 23-V -50
 Cross Section -81.73 To 9999. %

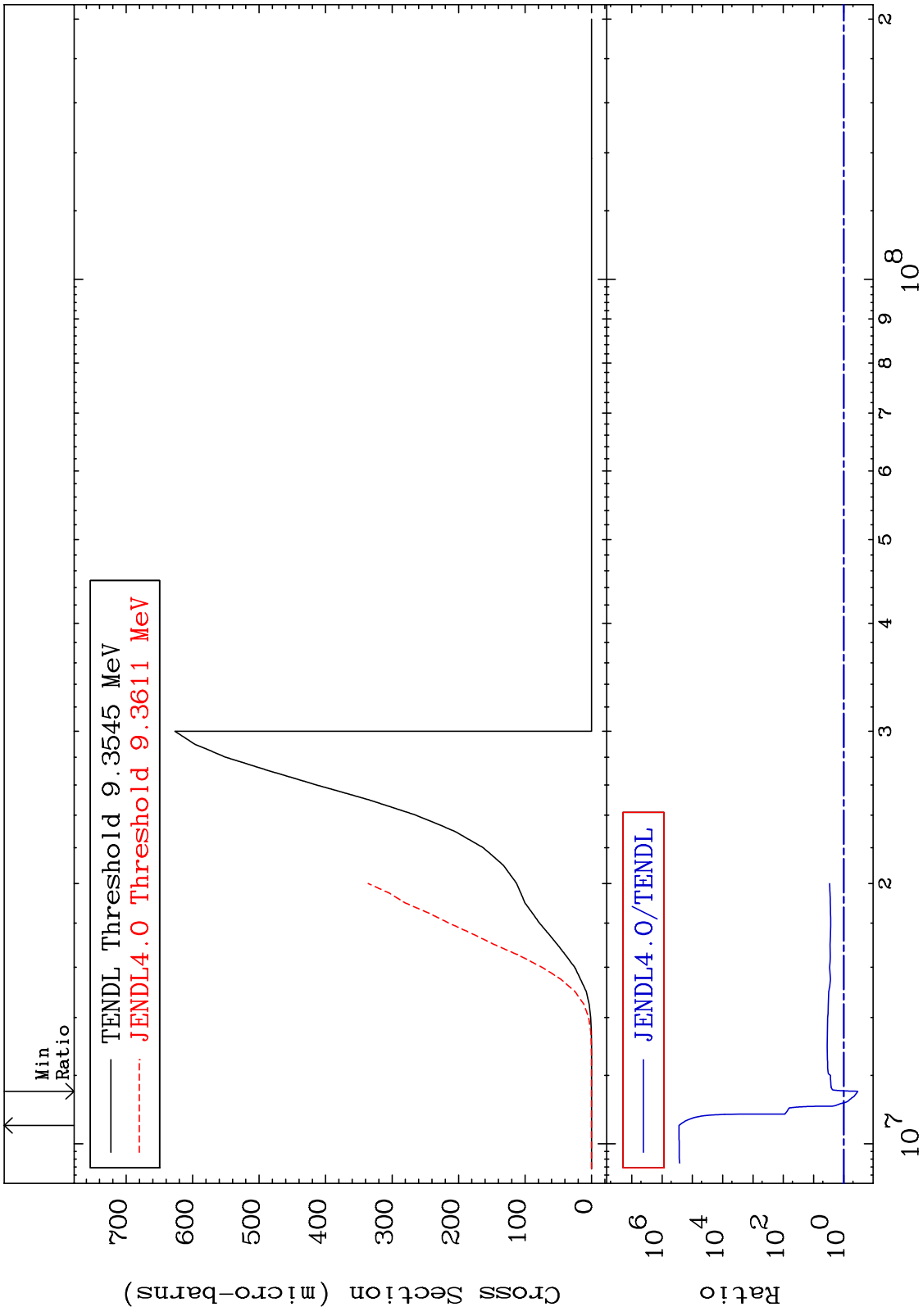


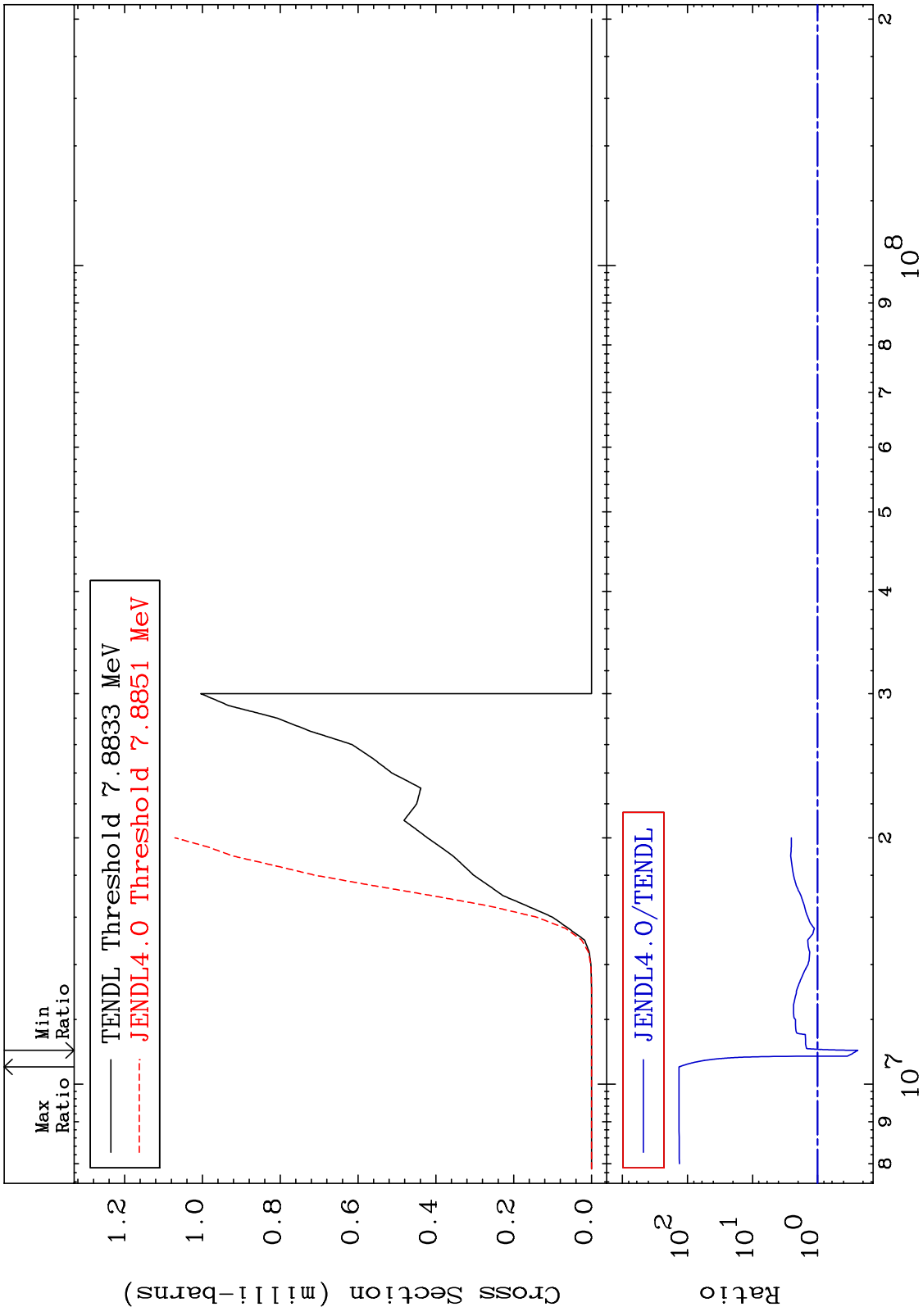
40 Incident Energy (eV) 23-V -50





MAT 2325 (n,2p) Cross Section 23-V -50
 -65.36 To 9999. %

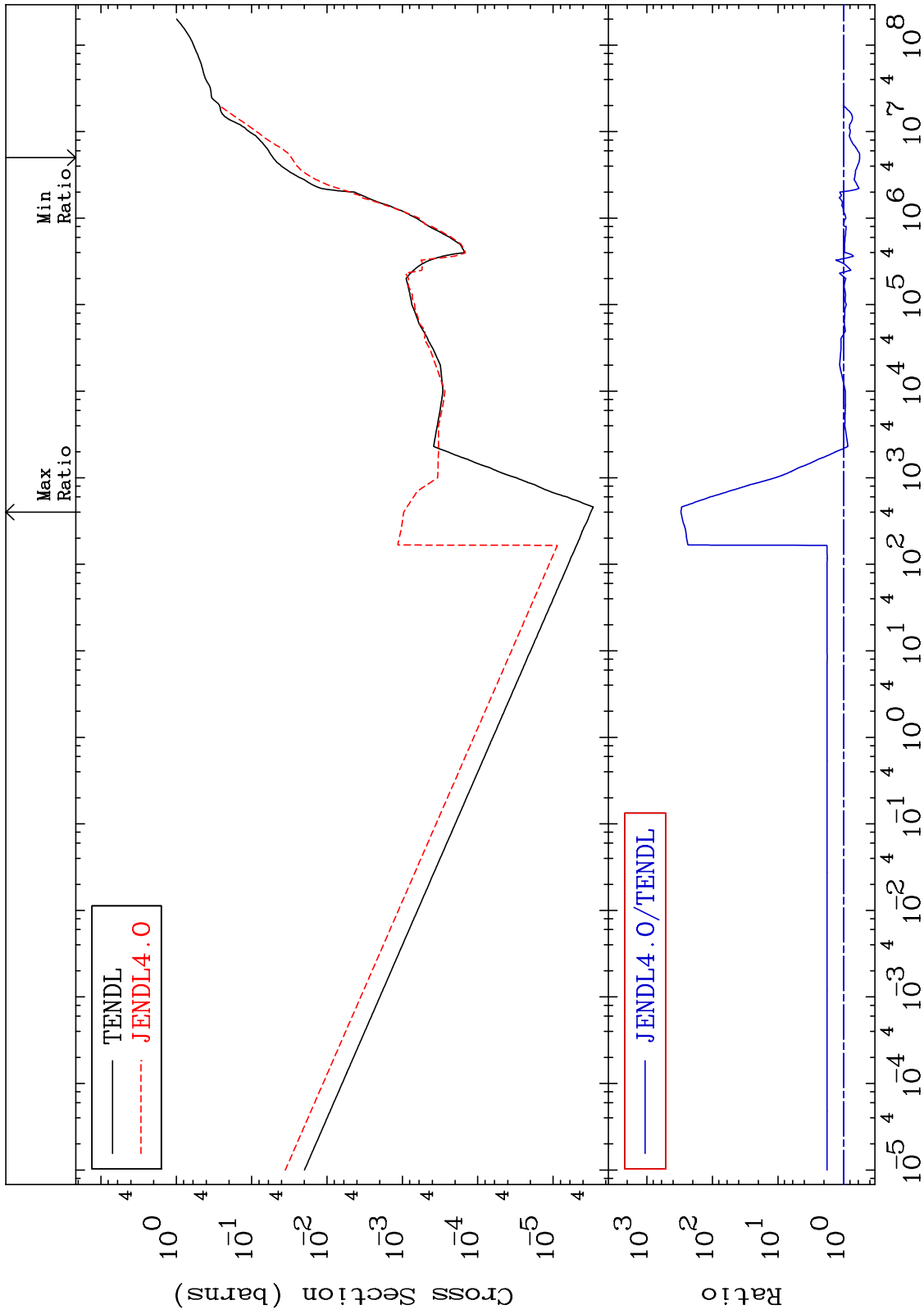




MAT 2325

Hydrogen Production
Cross Section

23-V -50
-42.91 To 9999. %



45

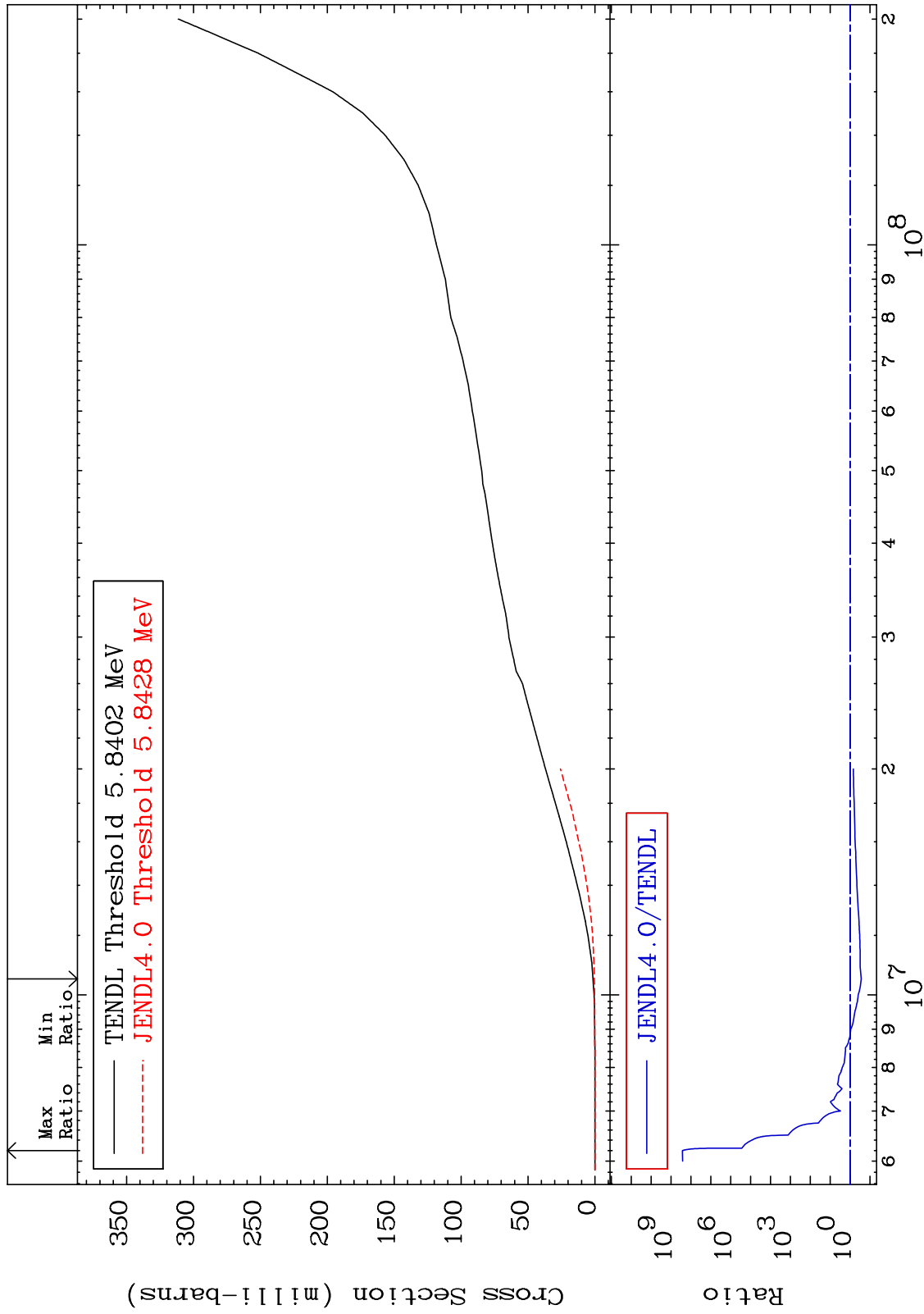
Incident Energy (eV)

23-V -50

MAT 2325

Deuterium Production Cross Section

23-V -50
-72.32 To 9999. %



46

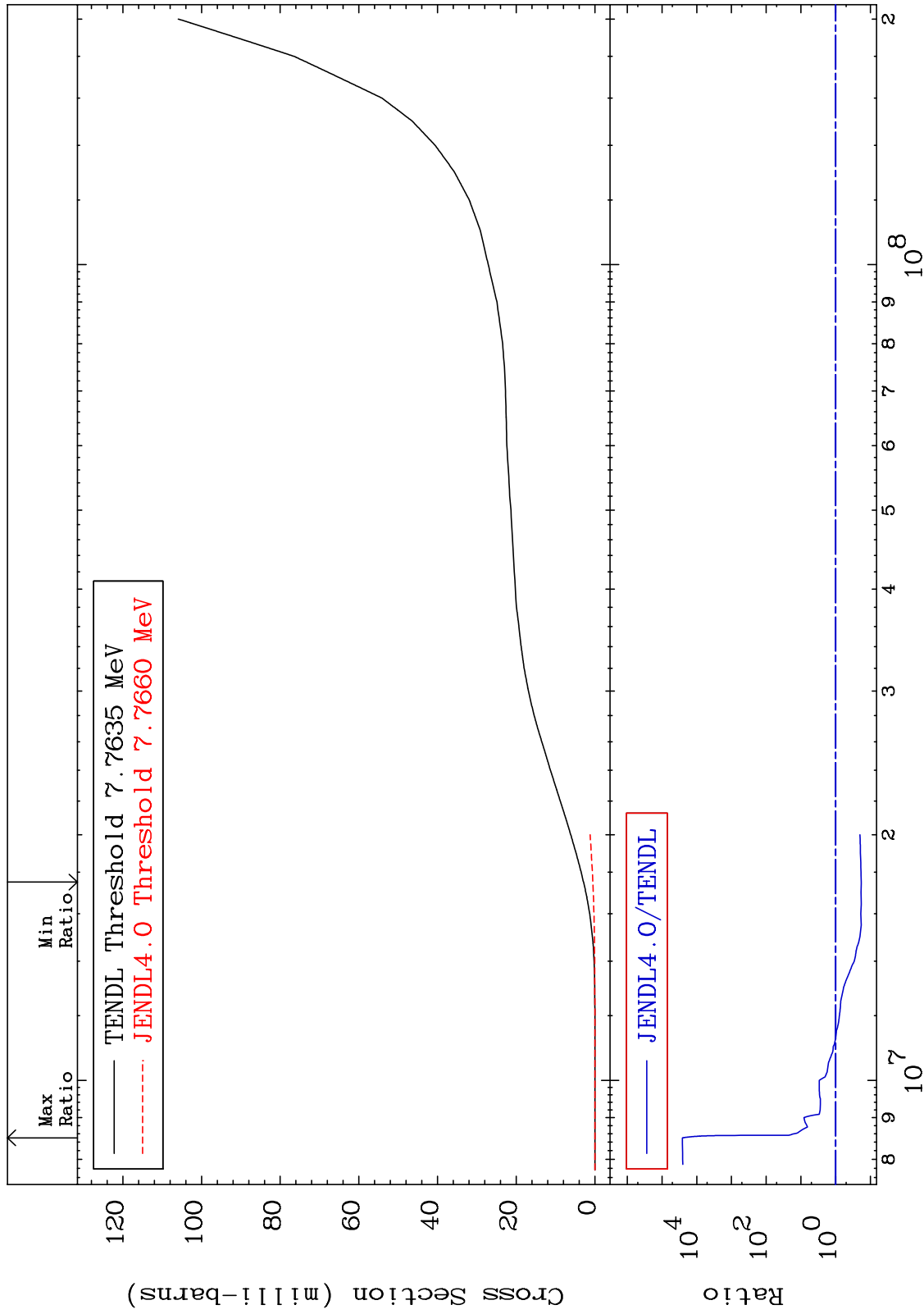
Incident Energy (eV)

23-V -50

MAT 2325

Tritium Production
Cross Section

23-V -50
-81.73 To 9999. %



47

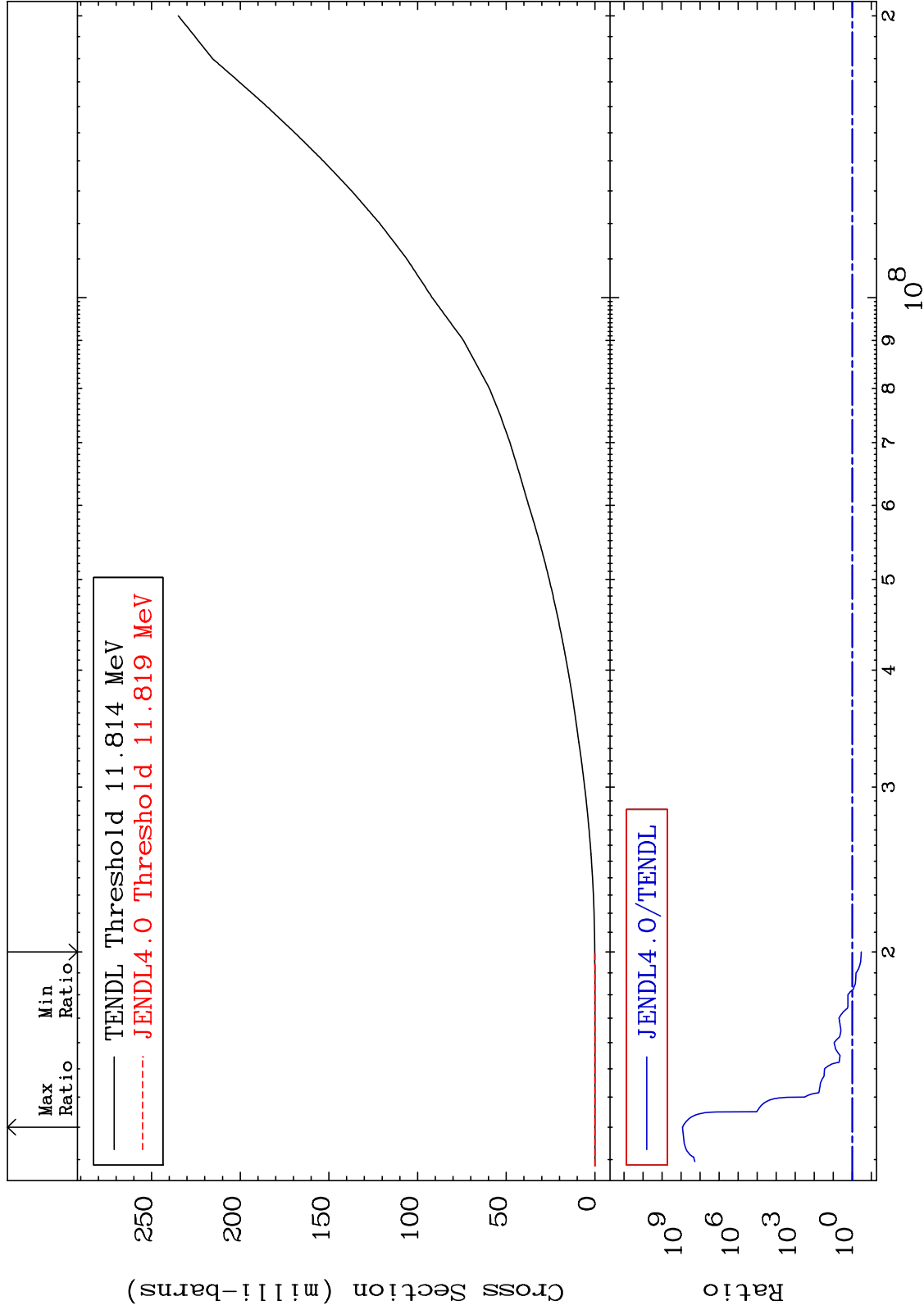
Incident Energy (eV)

23-V -50

MAT 2325

He-3 Production
Cross Section

23-V -50
-66.17 To 9999. %



48

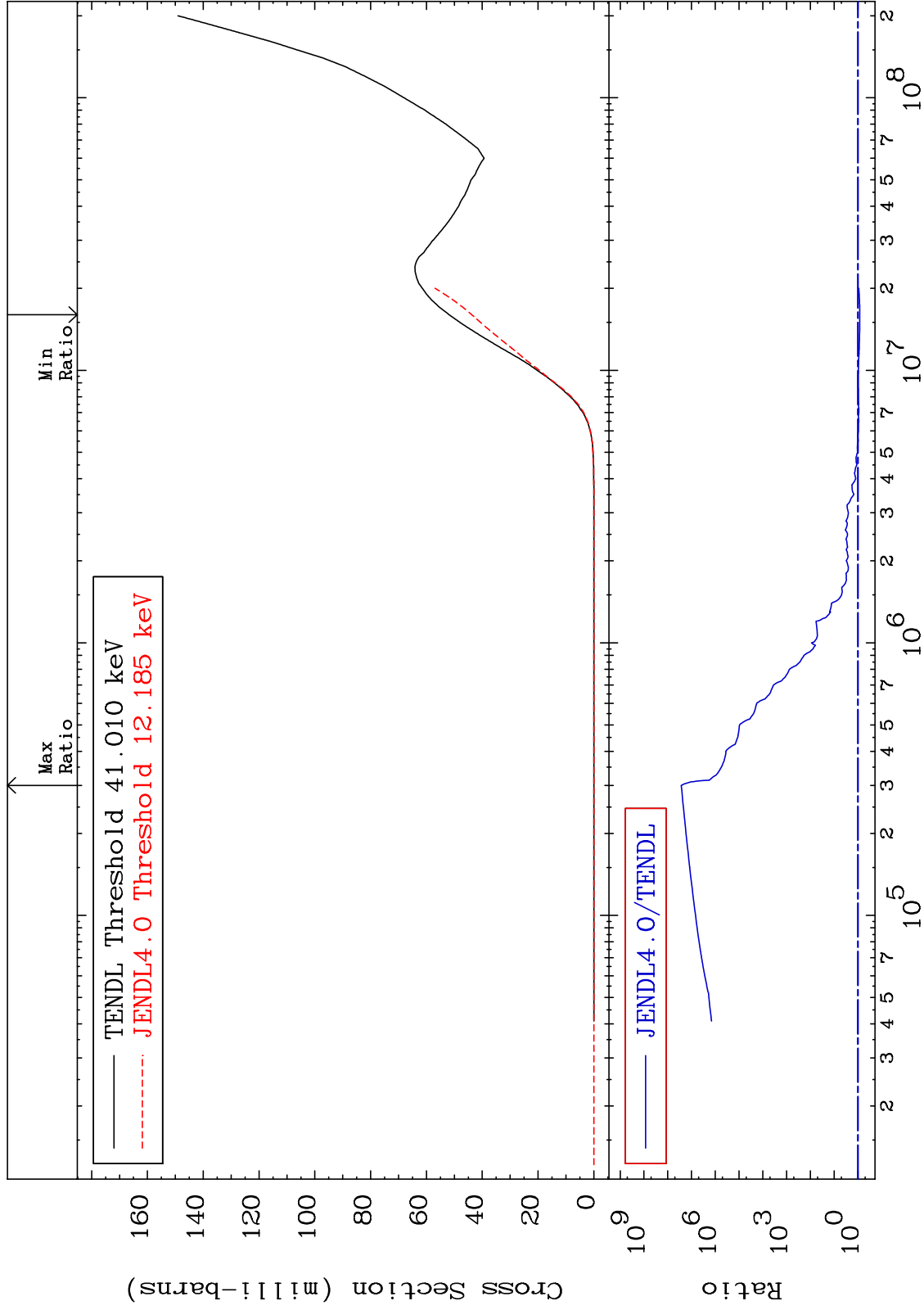
Incident Energy (eV)

23-V -50

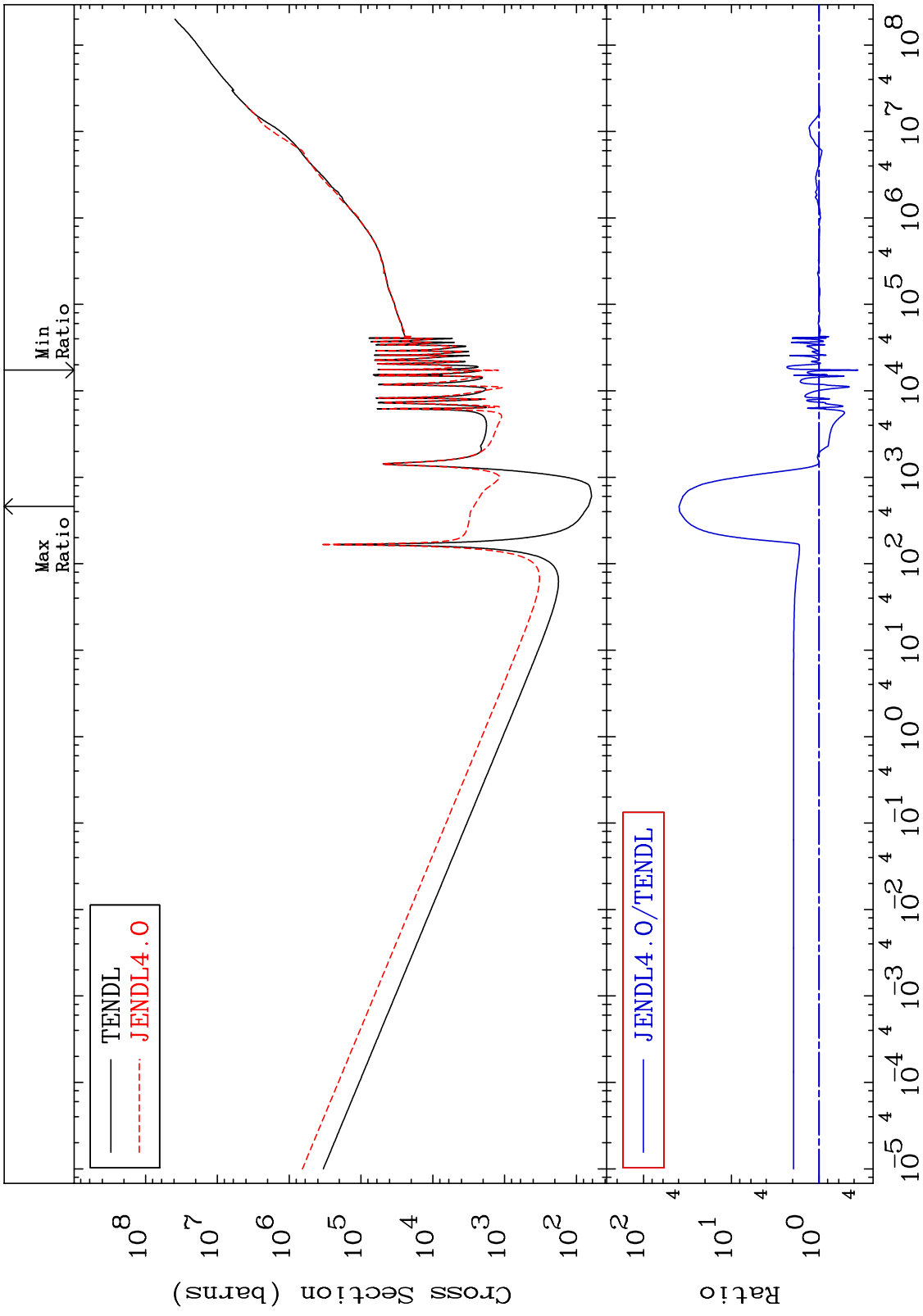
MAT 2325

He-4 Production
Cross Section

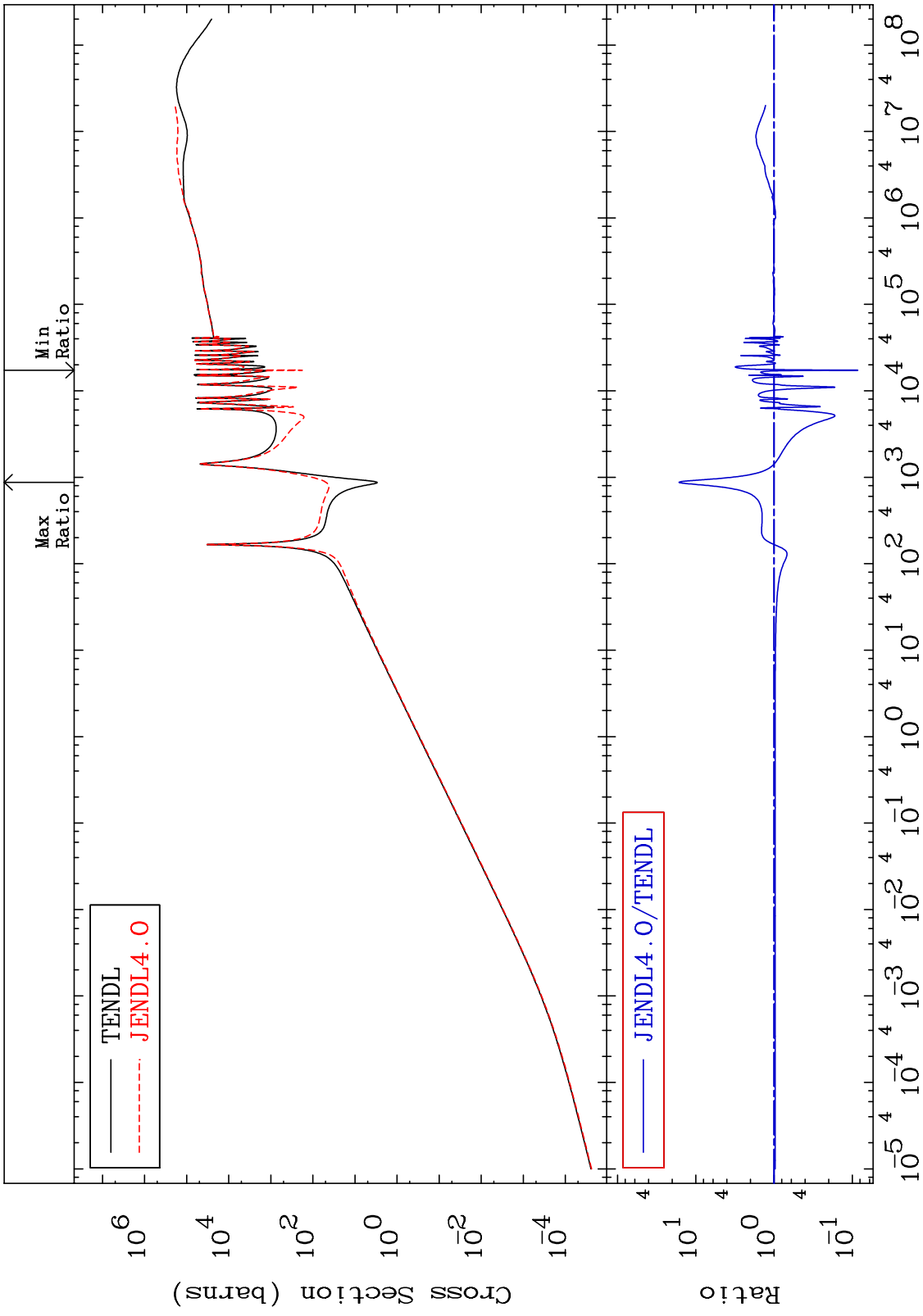
23-V -50
-15.63 To 9999. %



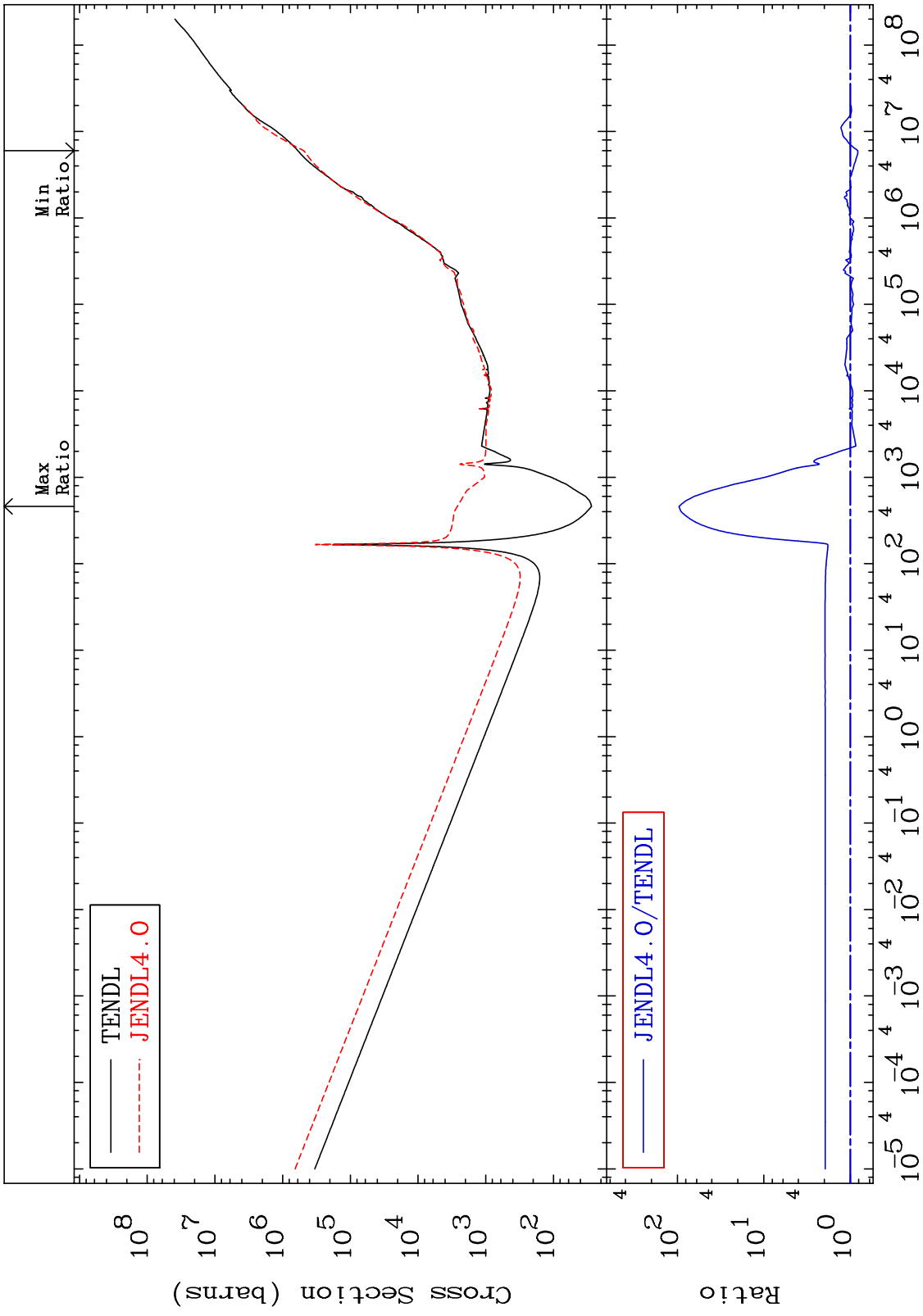
MAT 2325 Kerma total (eV-barns) 23-V -50
 Cross Section -63.69 To 3837. %



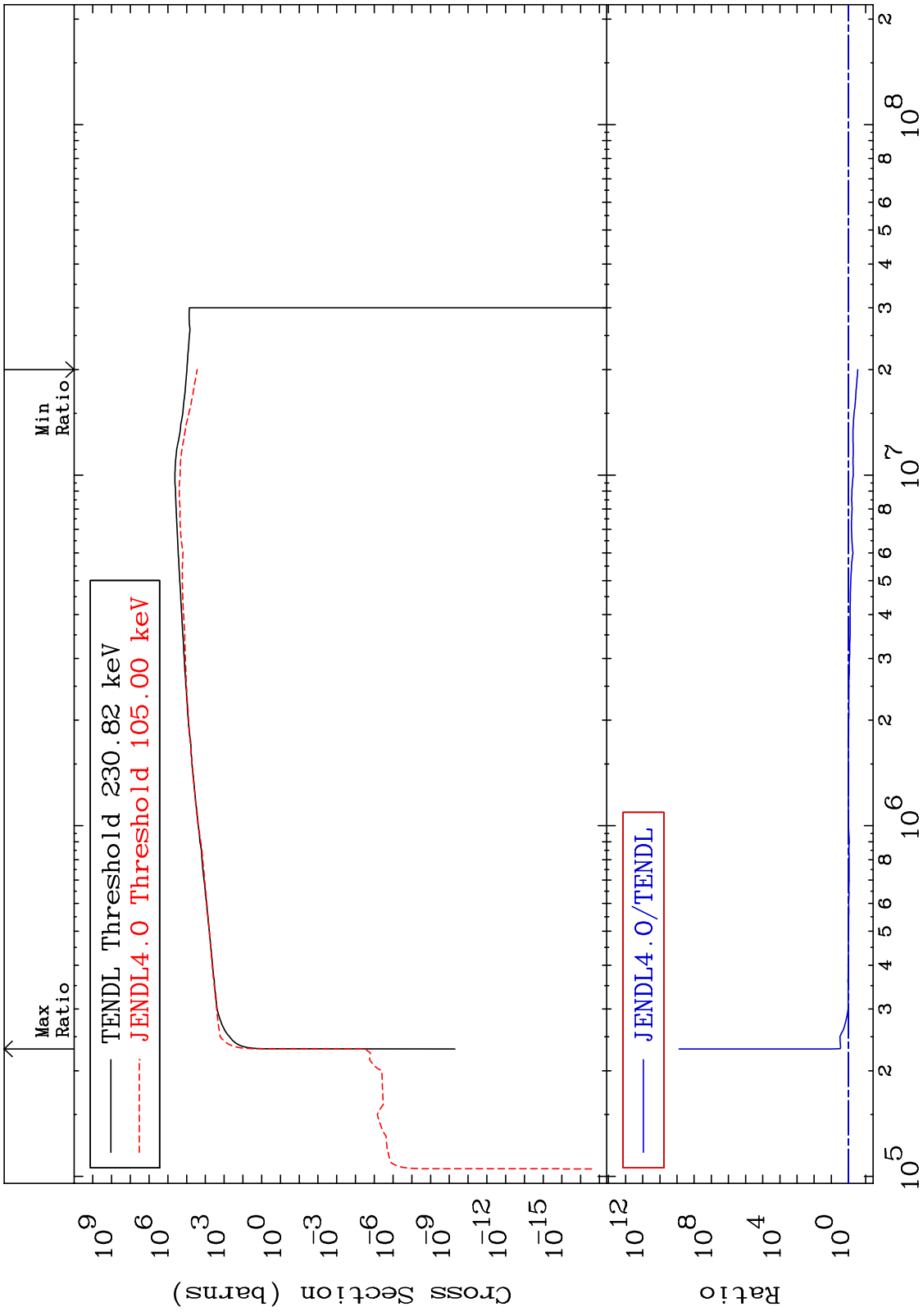
MAT 2325 Kerma elastic Cross Section 23-V -50
 -91.50 To 1537. %



MAT 2325 Kerma non-elastic (all but mt2) 23-V -50
 -18.02 To 9475. %



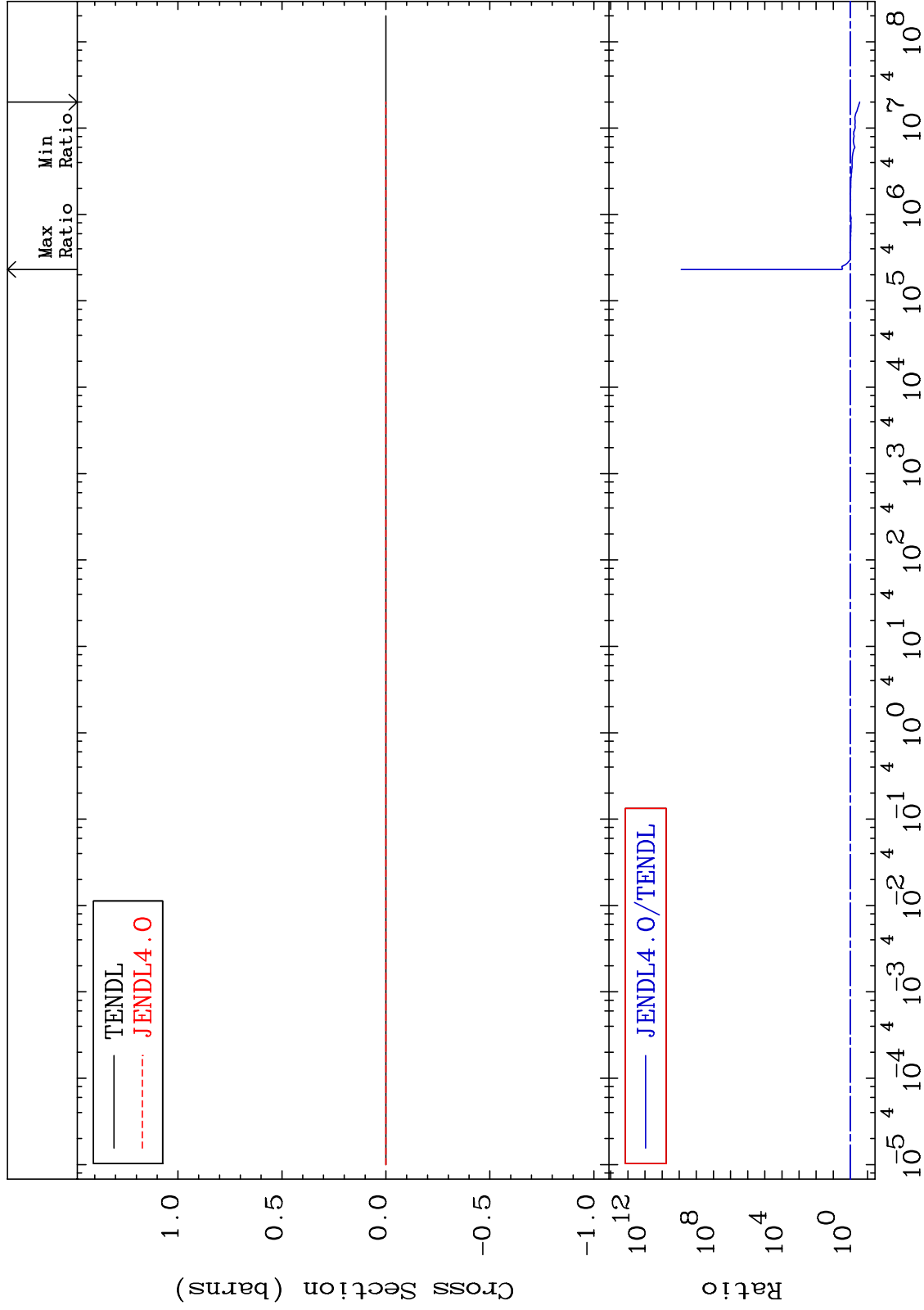
MAT 2325 Kerma inelastic (mt51-91) 23-V -50
 -71.66 To 9999. %



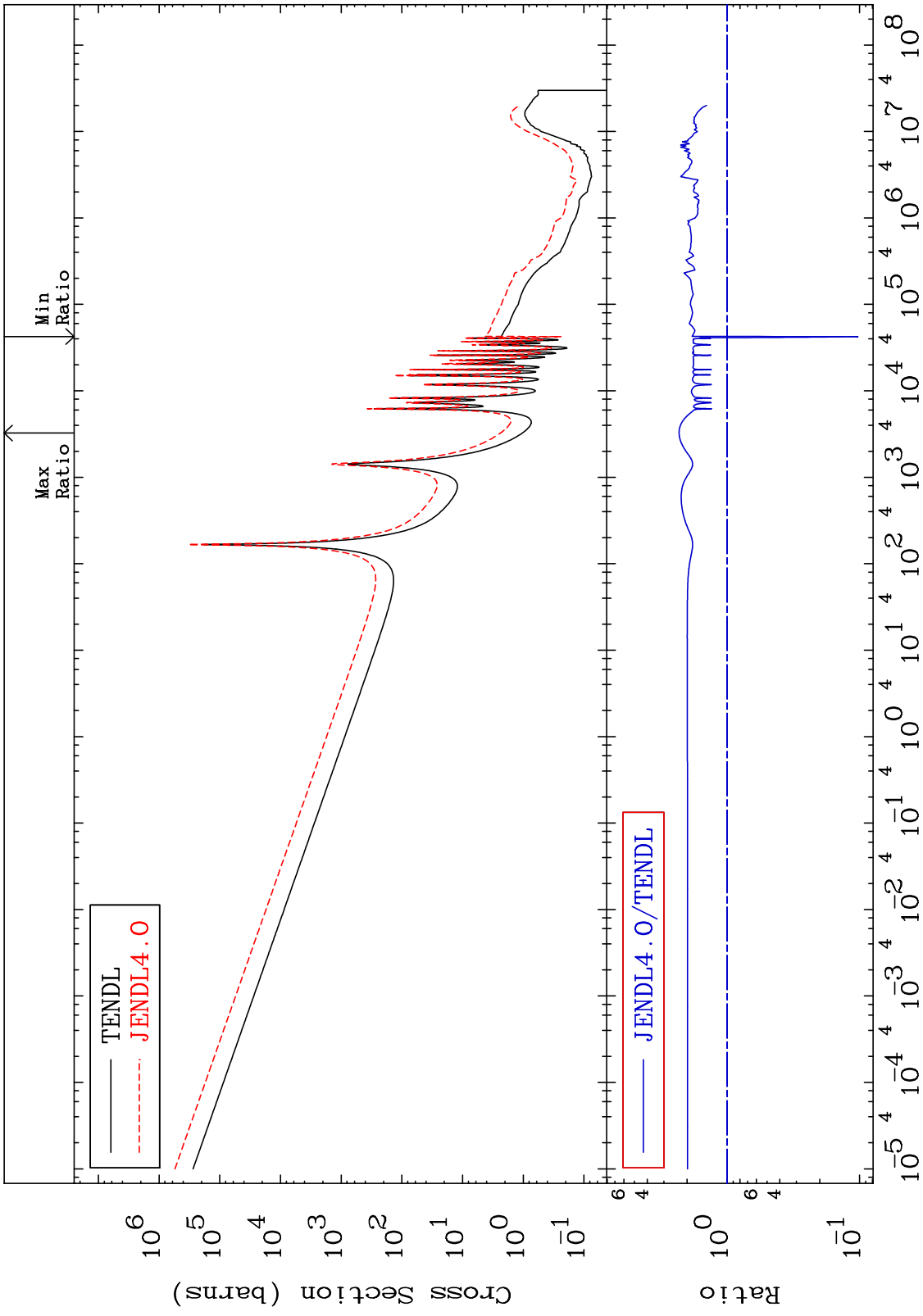
MAT 2325

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

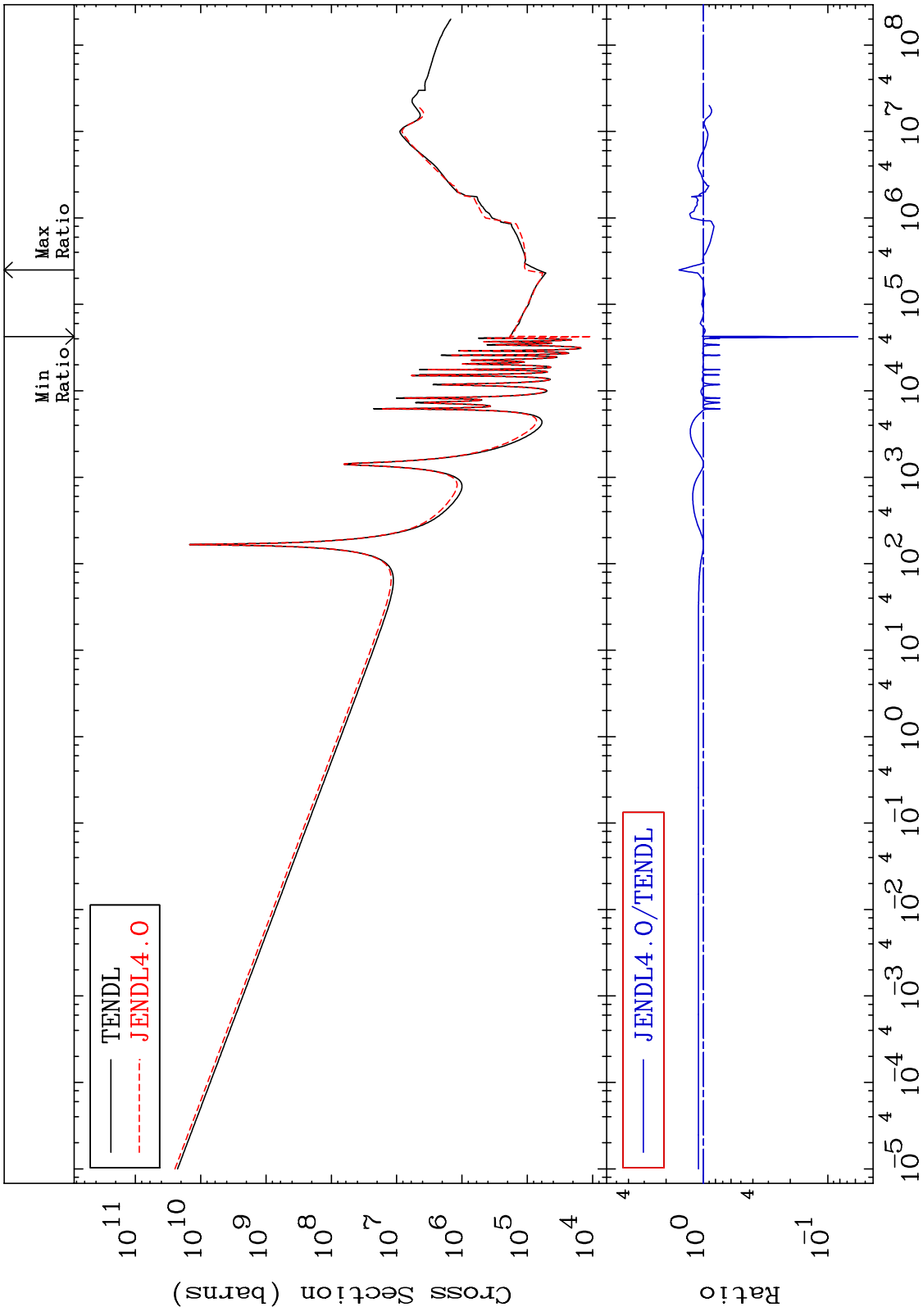
23-V -50
-71.66 To 9999. %



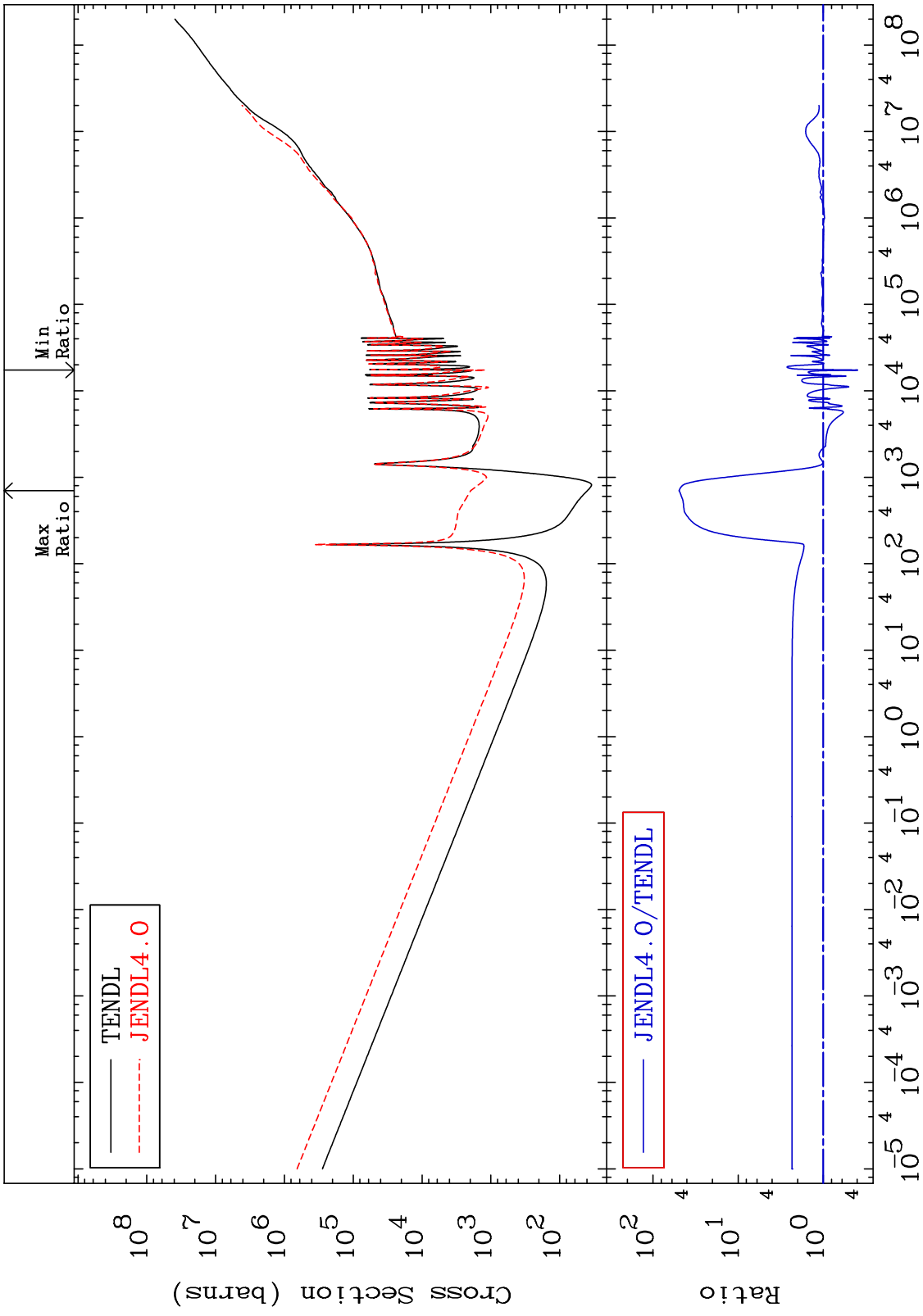
MAT 2325 Kerma capture (mt102) 23-V -50
 Cross Section -89.69 To 130.3 %



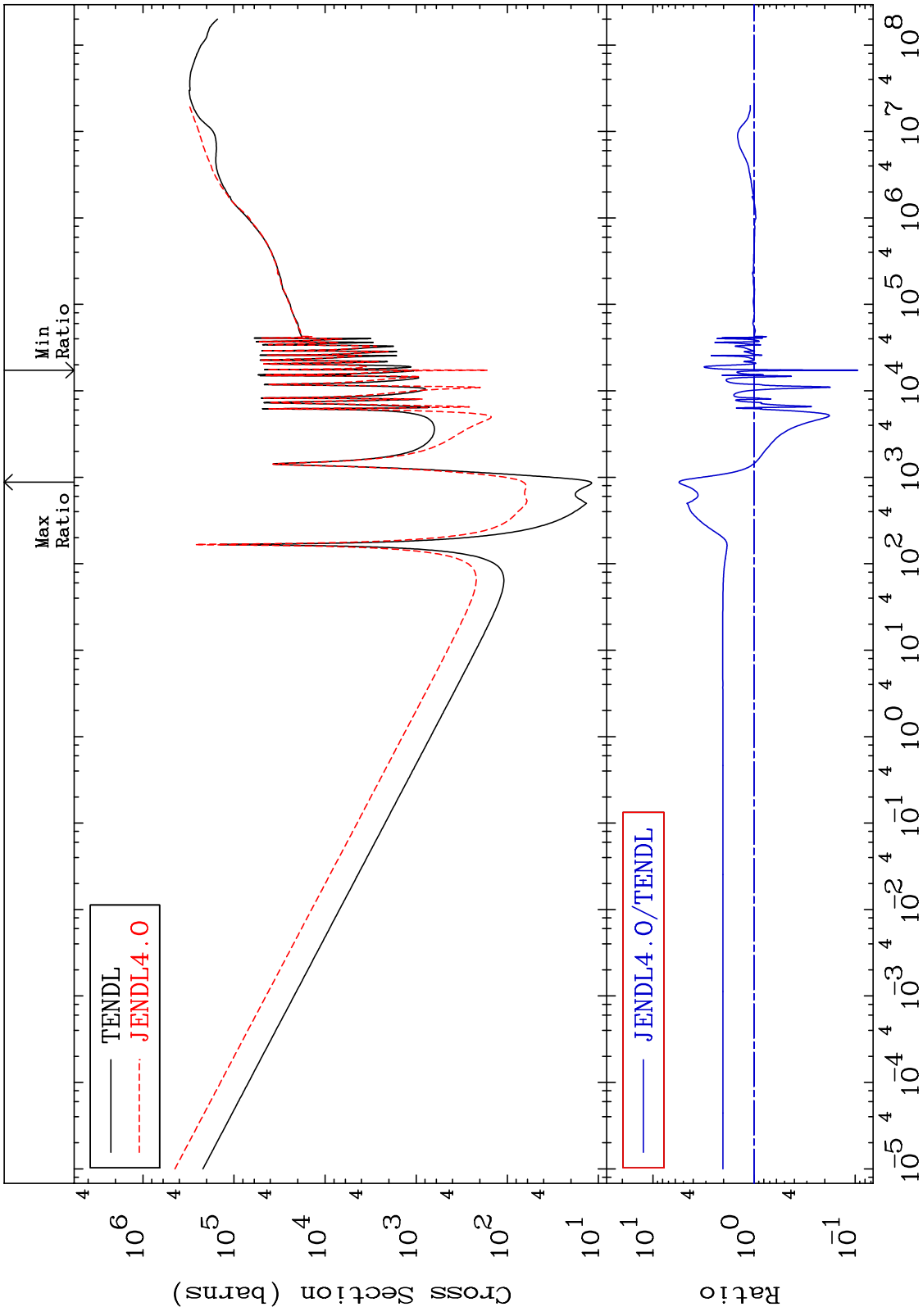
MAT 2325 Total photon (eV-barns) Cross Section 23-V -50
 -94.27 To 57.12 %



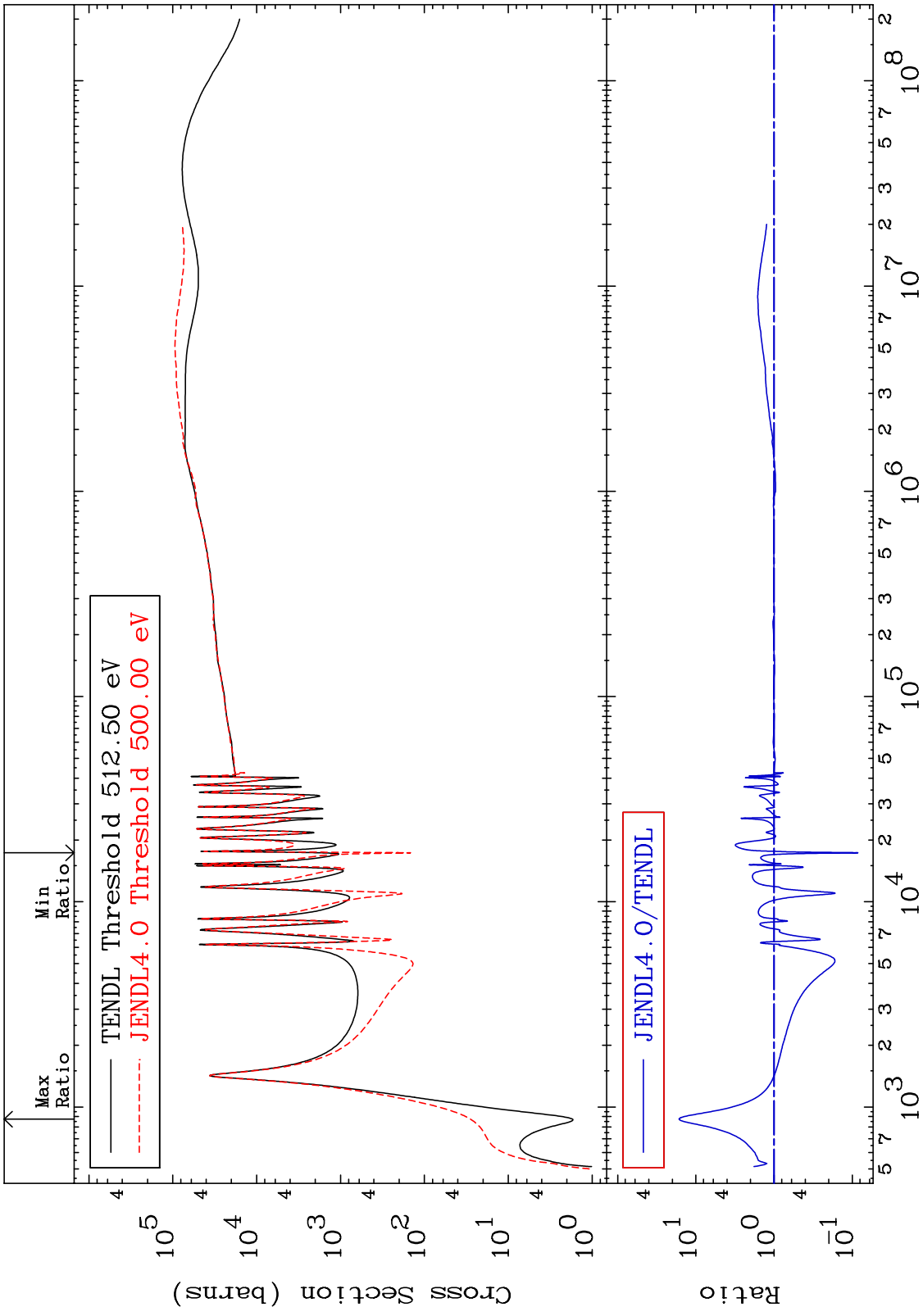
MAT 2325 Total kinematic kerma (high limit) 23-V -50
 Cross Section -60.77 To 4848. %



MAT 2325 Dpa total (eV-barns) 23-V -50
 -90.58 To 451.2 %



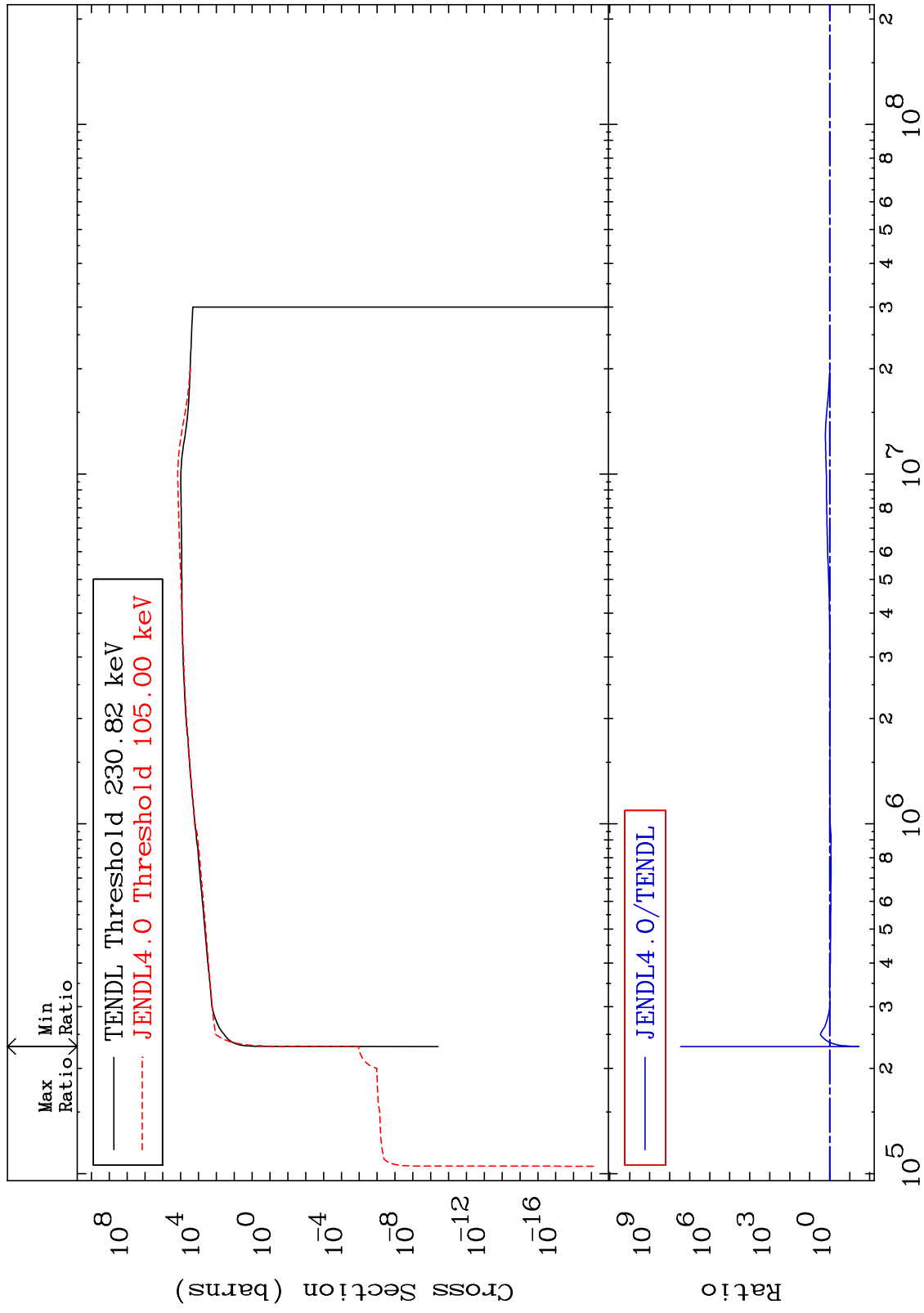
MAT 2325 Dpa elastic (mt2) 23-V -50
 Cross Section -91.50 To 1543. %



MAT 2325

Dpa inelastic (mt51-91)
Cross Section

23-V -50
-96.56 To 9999. %

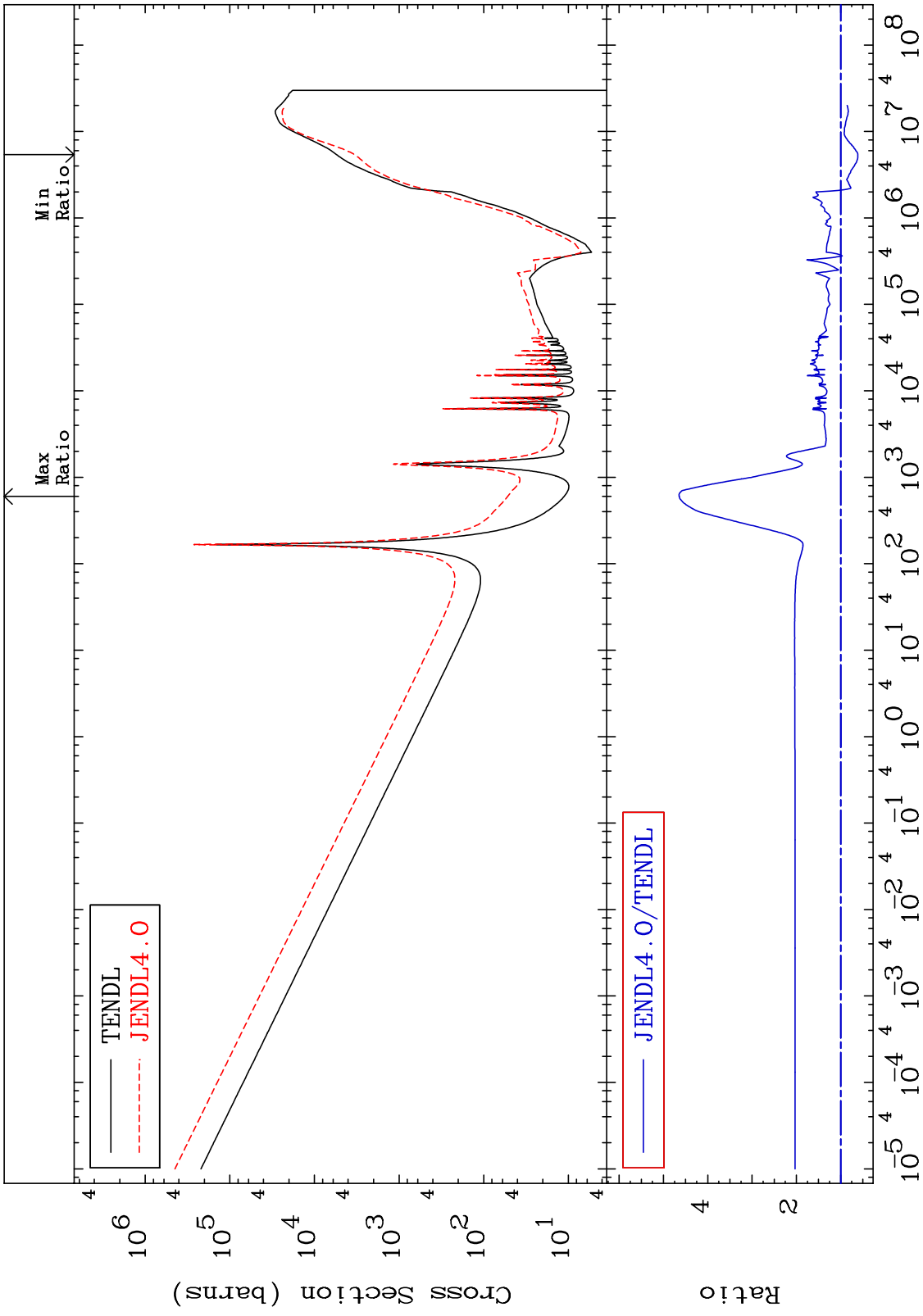


60

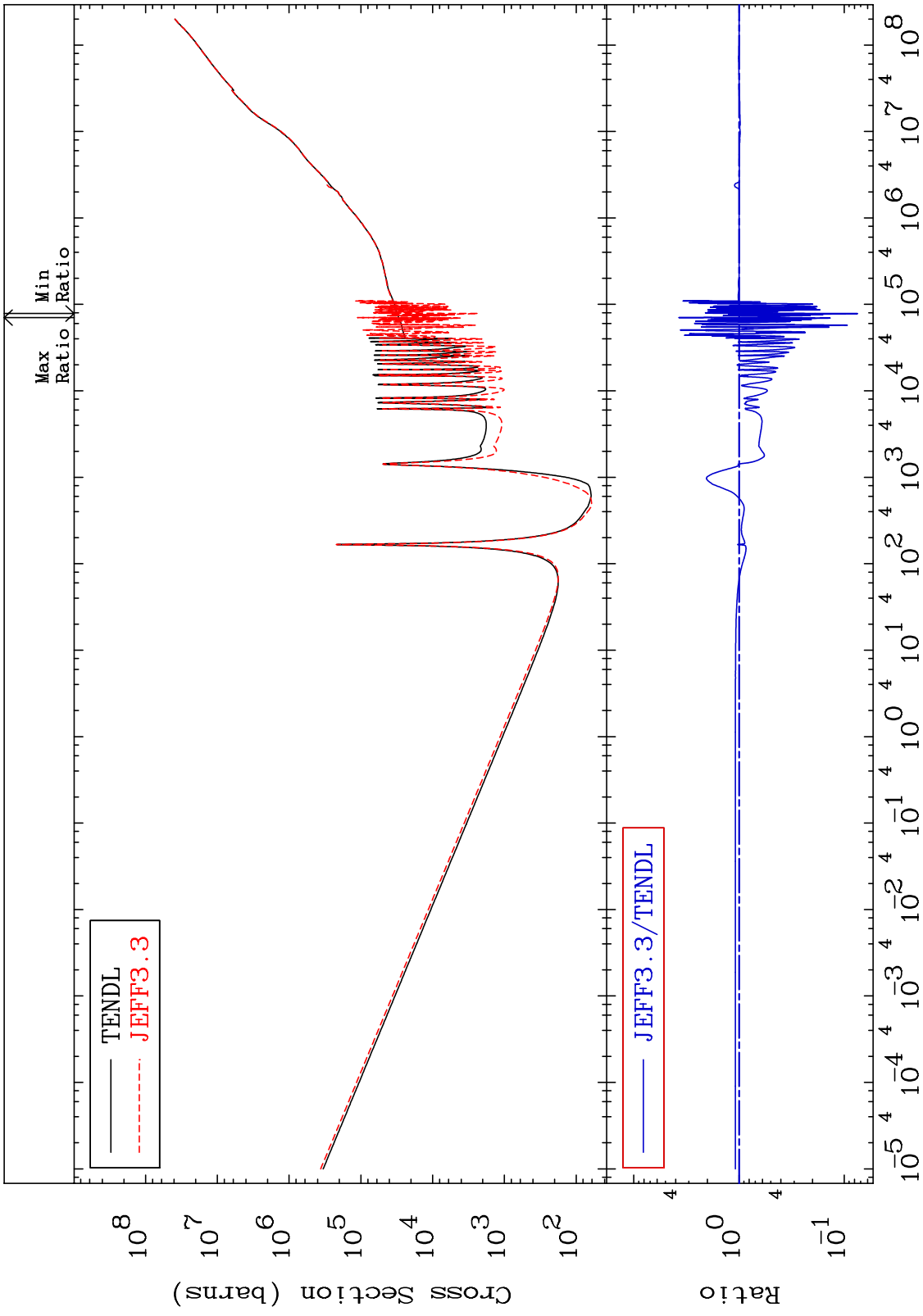
Incident Energy (eV)

23-V -50

MAT 2325 Dpa disappearance (mt102 -120) 23-V -50
 Cross Section -38.70 To 364.9 %



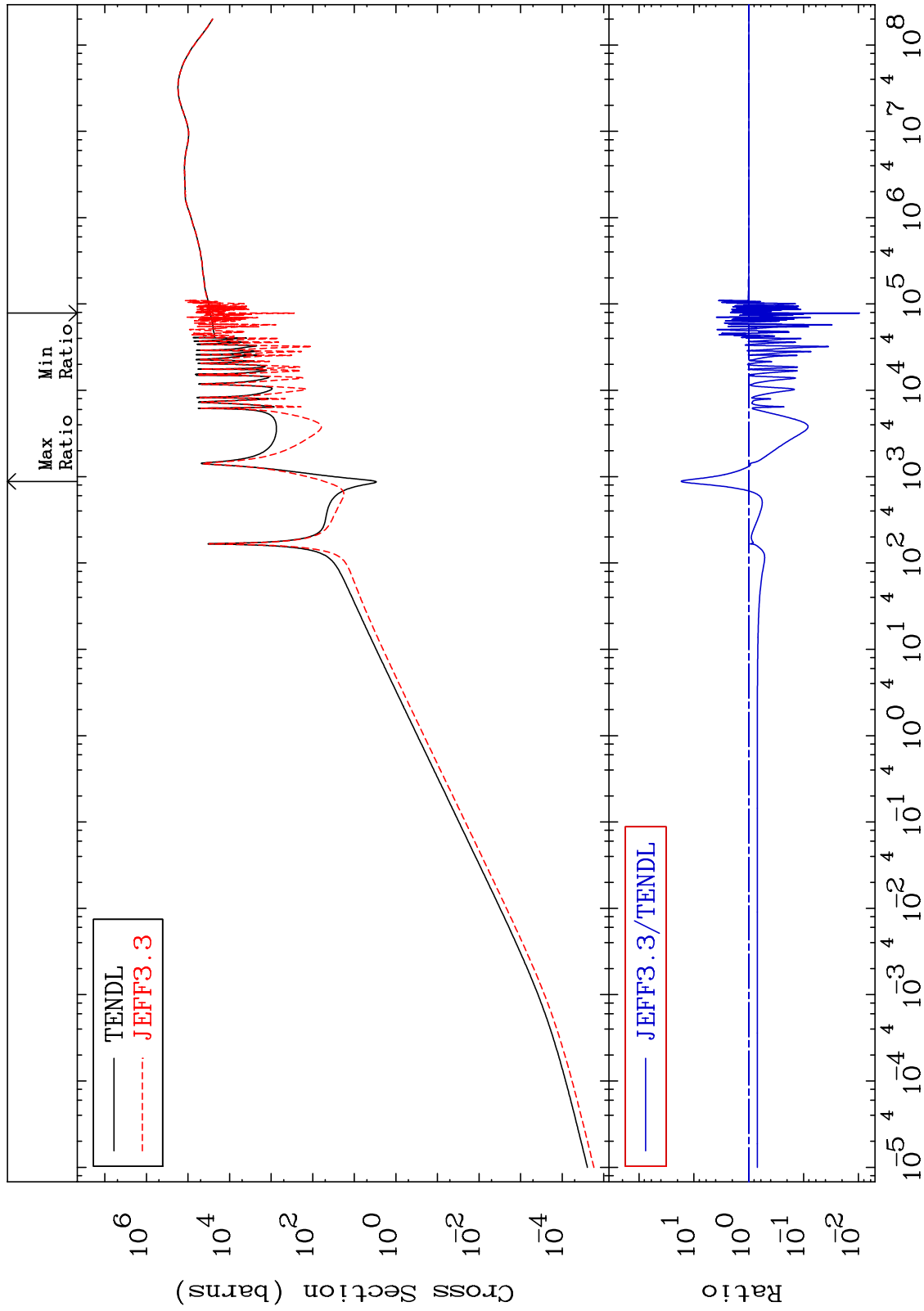
MAT 2325 Kerma total (eV-barns) 23-V -50
 Cross Section -92.57 To 271.8 %



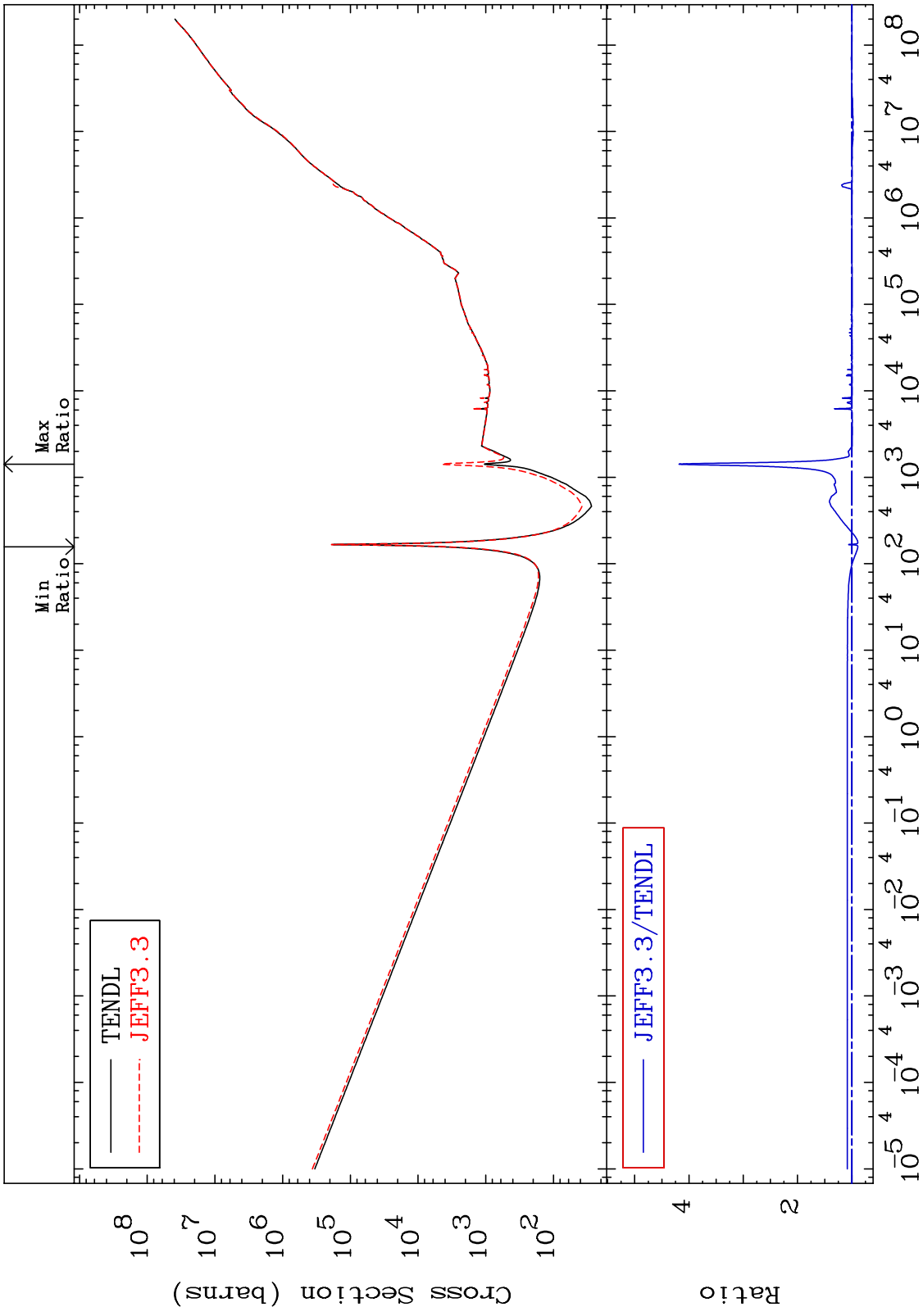
MAT 2325

Kerma elastic
Cross Section

23-V -50
-99.05 To 1599. %

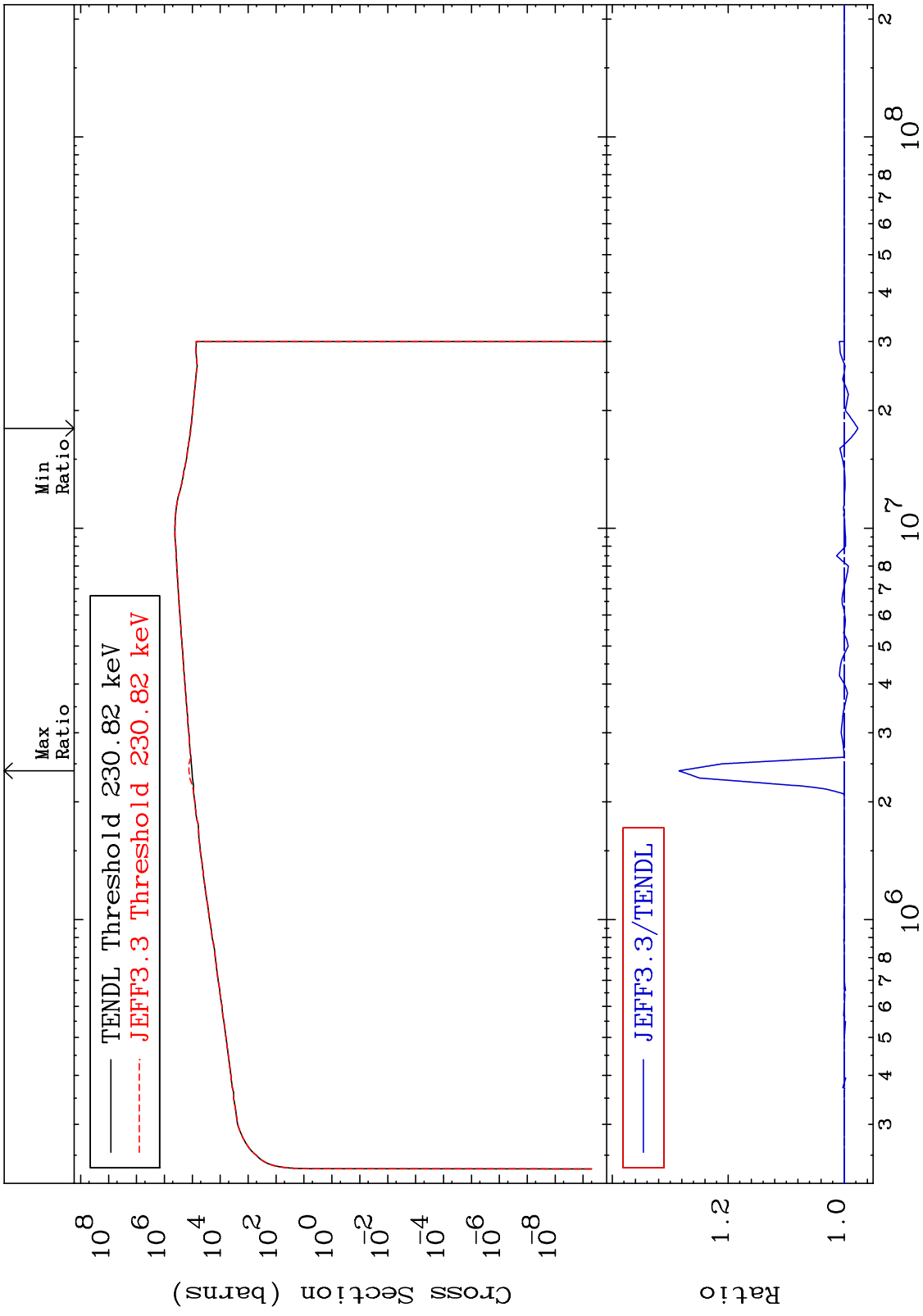


MAT 2325 Kerma non-elastic (all but mt2) 23-V -50
 -11.08 To 318.3 %
 Cross Section



64 Incident Energy (eV) 23-V -50

MAT 2325 Kerma inelastic (mt51-91) 23-V -50
 -2.341 To 28.48 %
 Cross Section

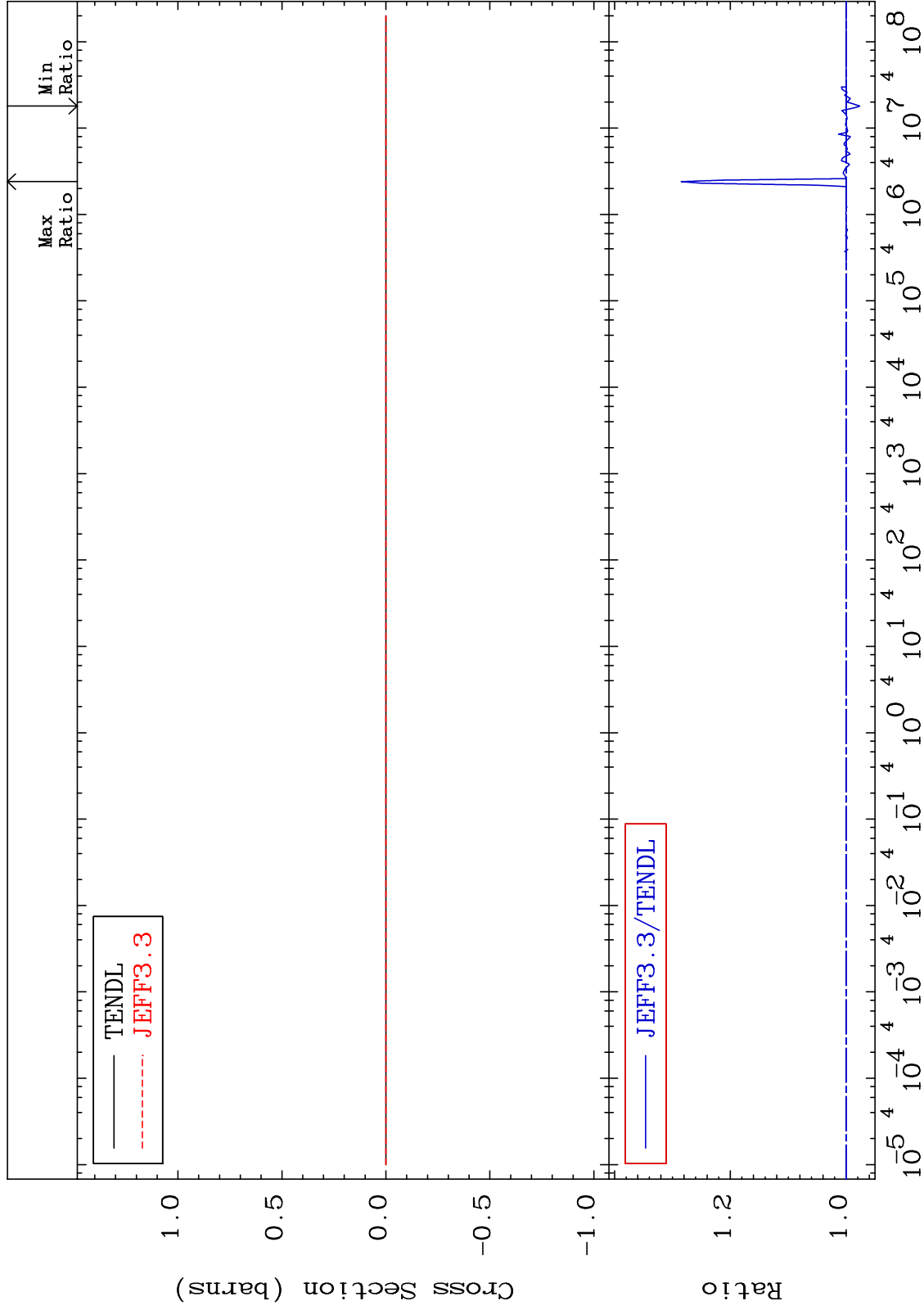


65 Incident Energy (eV) 23-V -50

MAT 2325

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

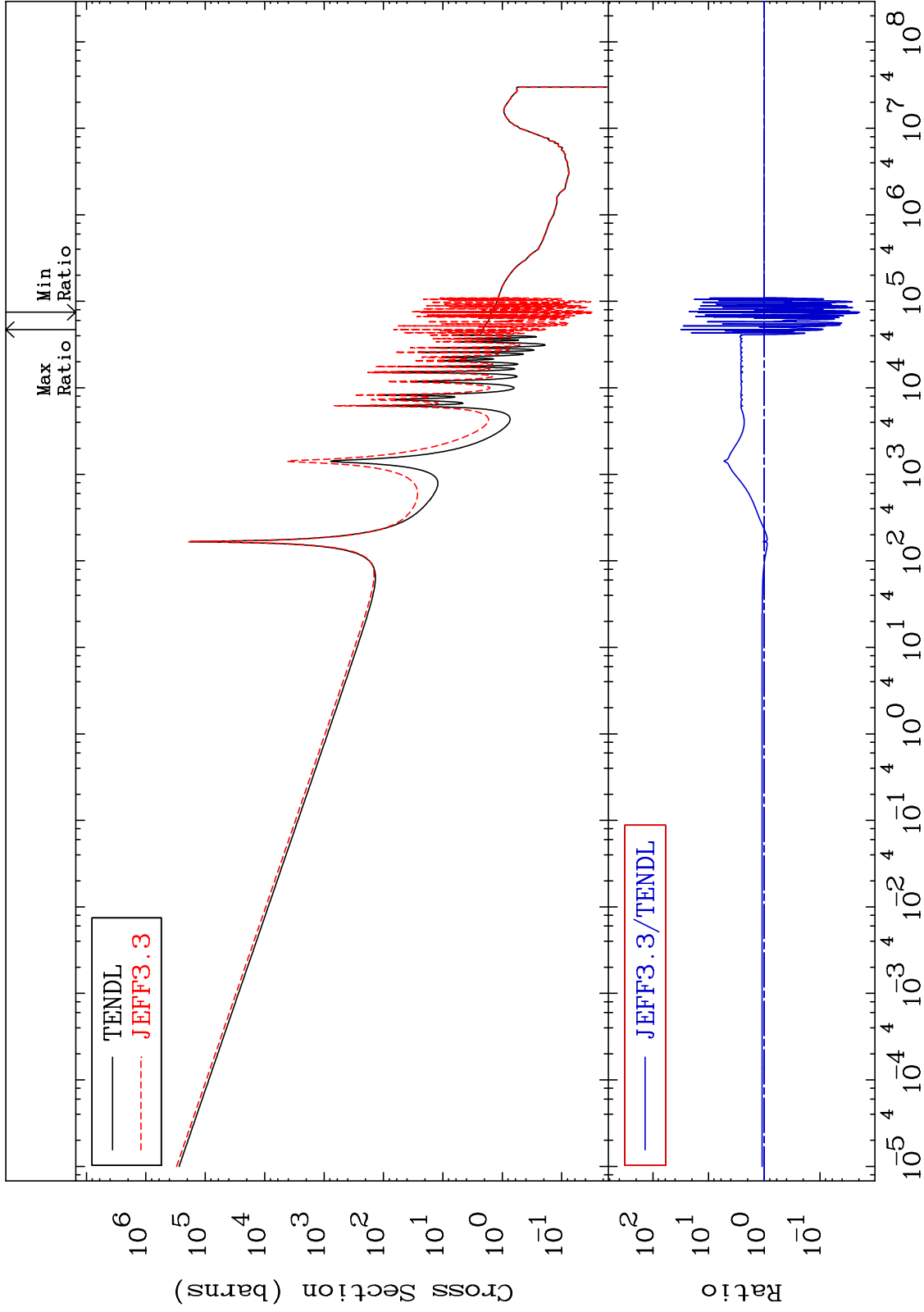
23-V -50
-2.341 To 28.48 %



MAT 2325

Kerma capture (mt102)
Cross Section

23-V -50
-98.06 To 3057. %



67

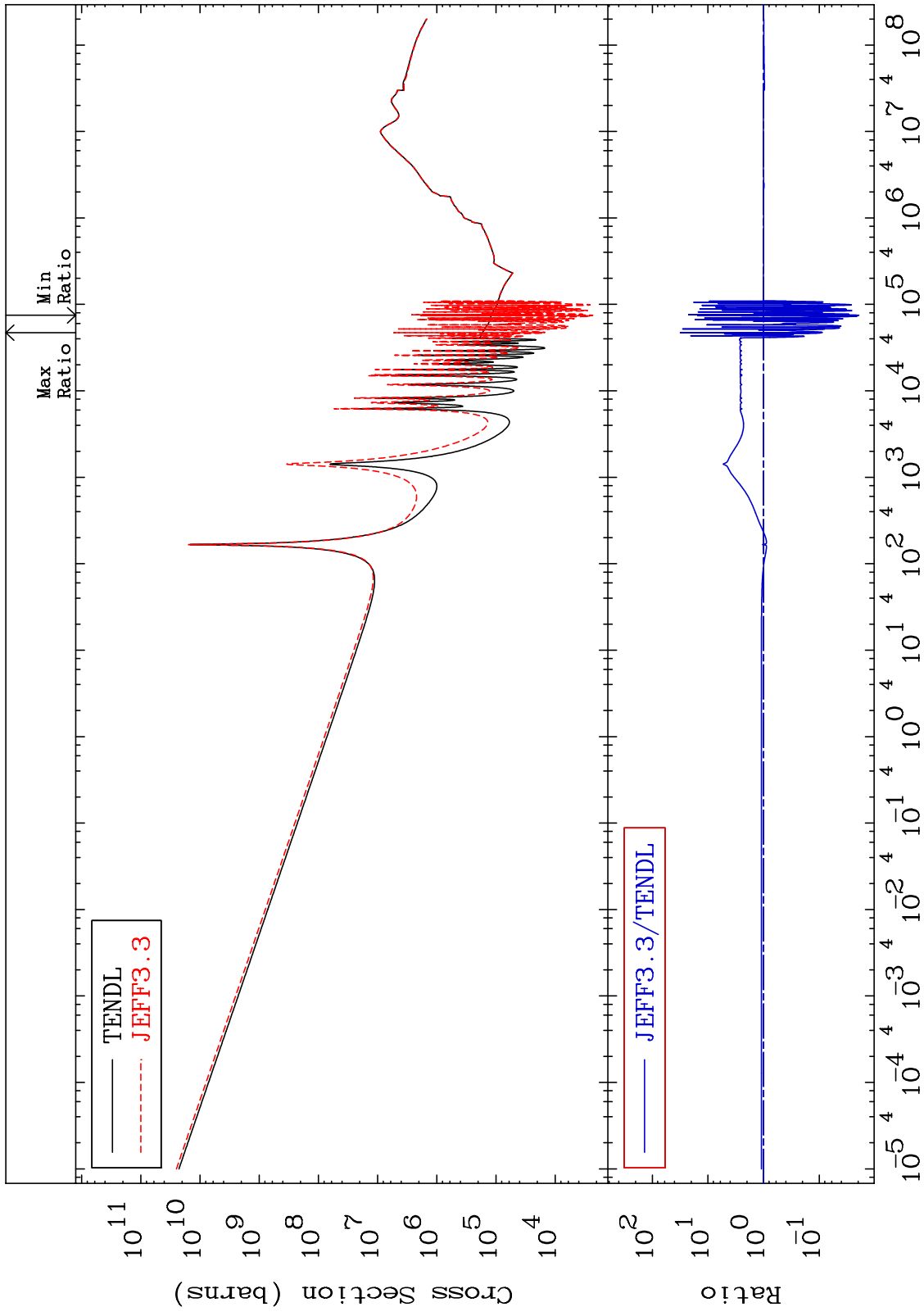
Incident Energy (eV)

23-V -50

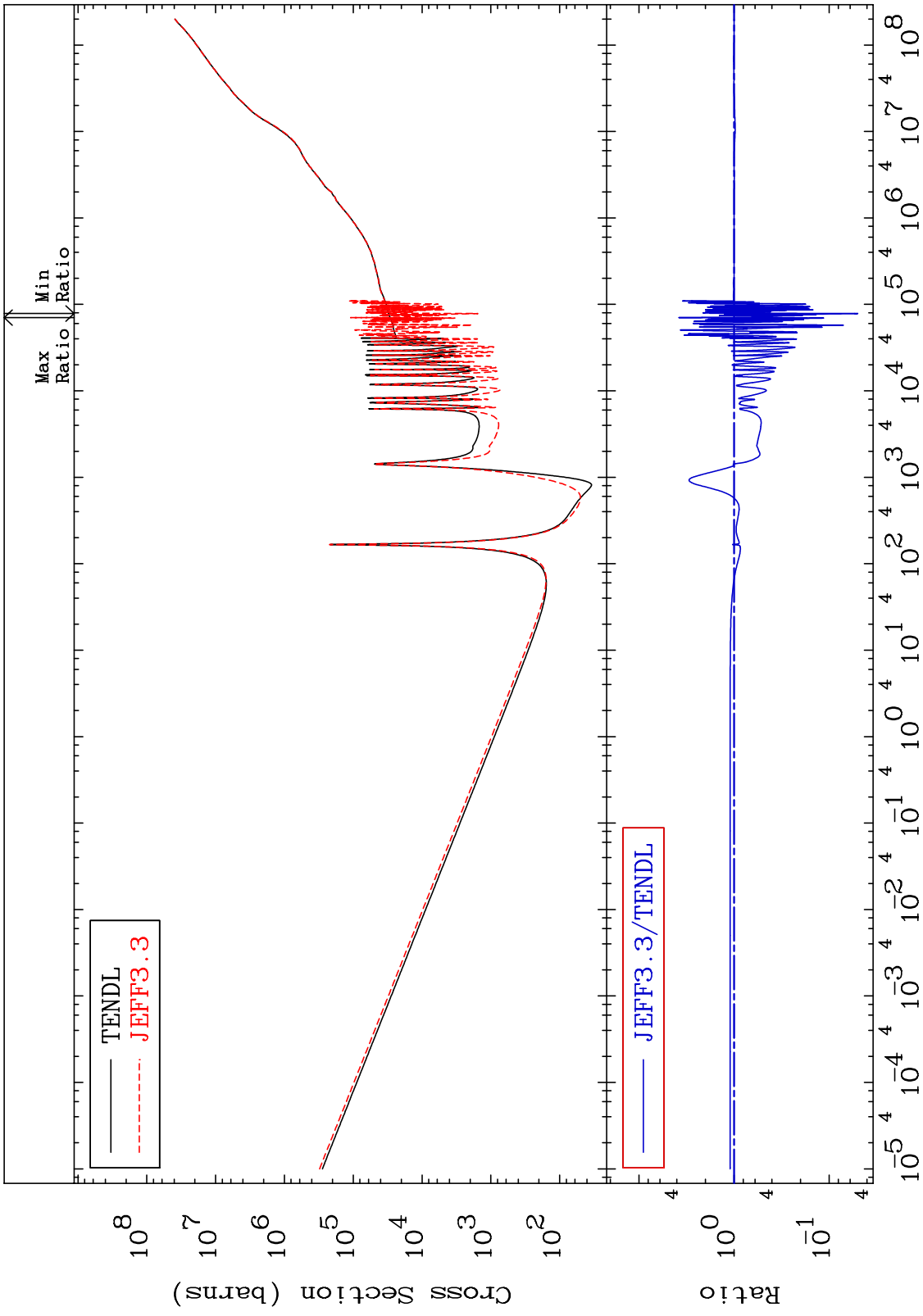
MAT 2325

Total photon (eV-barns)
Cross Section

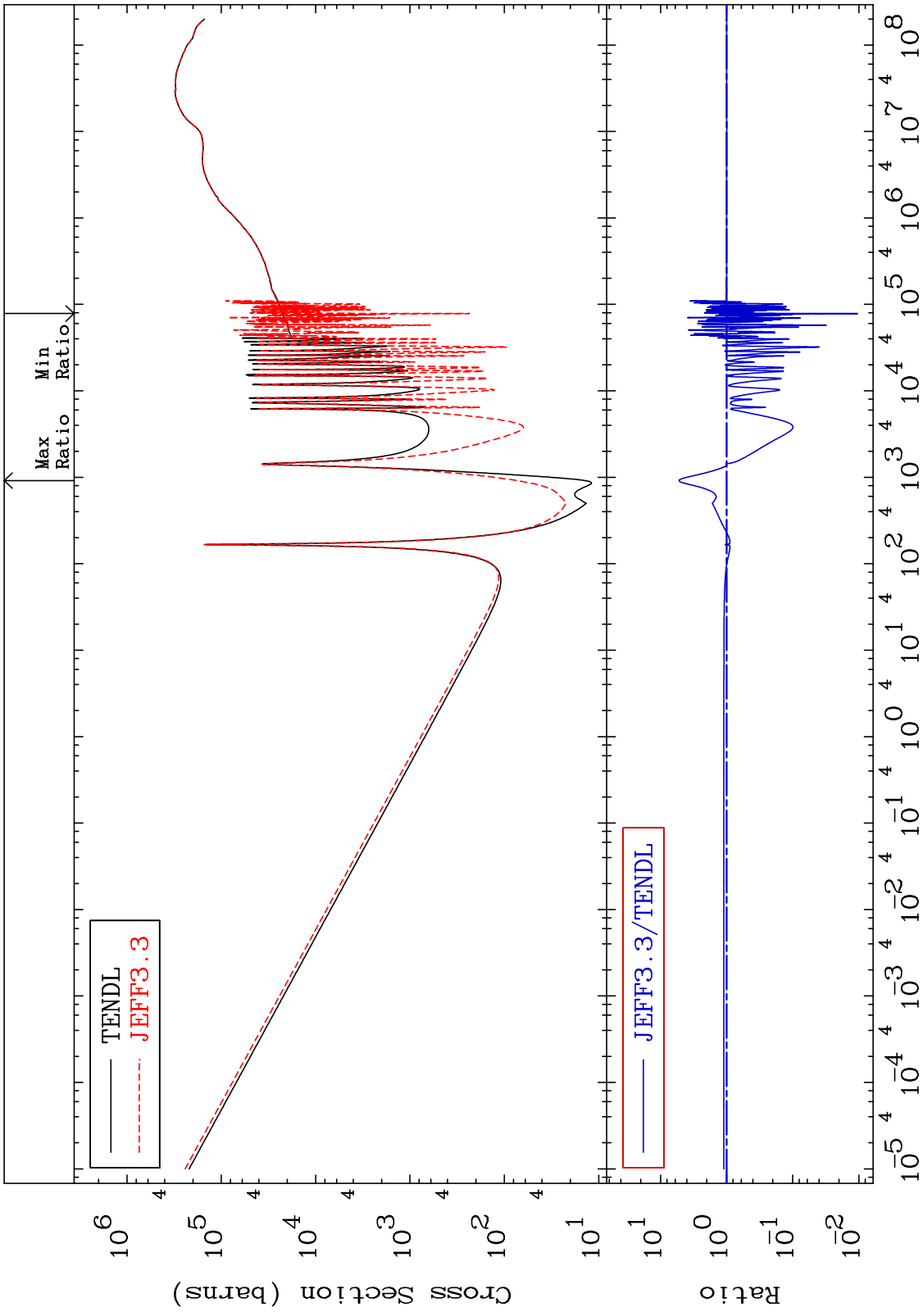
23-V -50
-98.06 To 3057. %



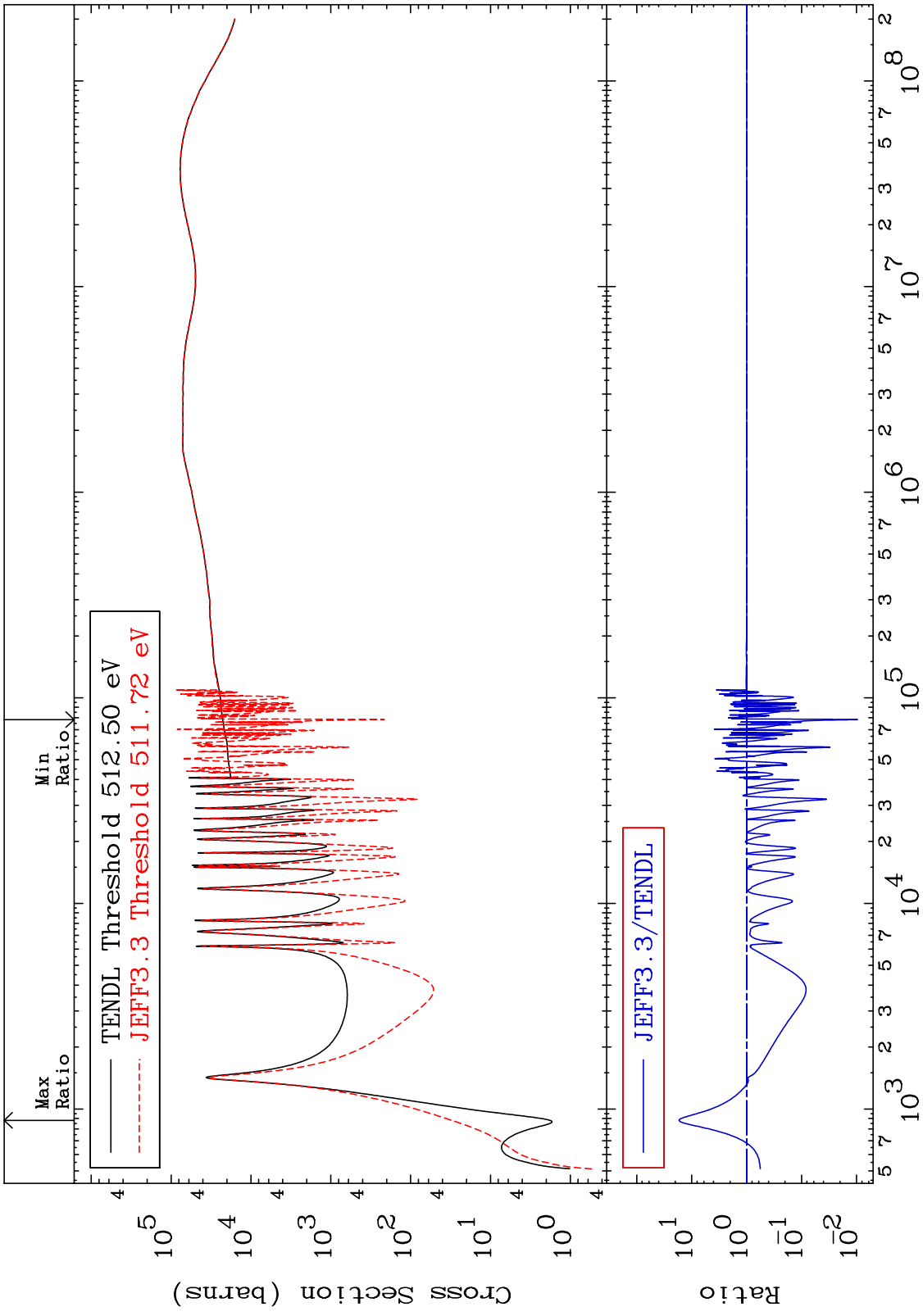
MAT 2325 Total kinematic kerma (high limit) 23-V -50
 Cross Section -95.02 To 278.4 %



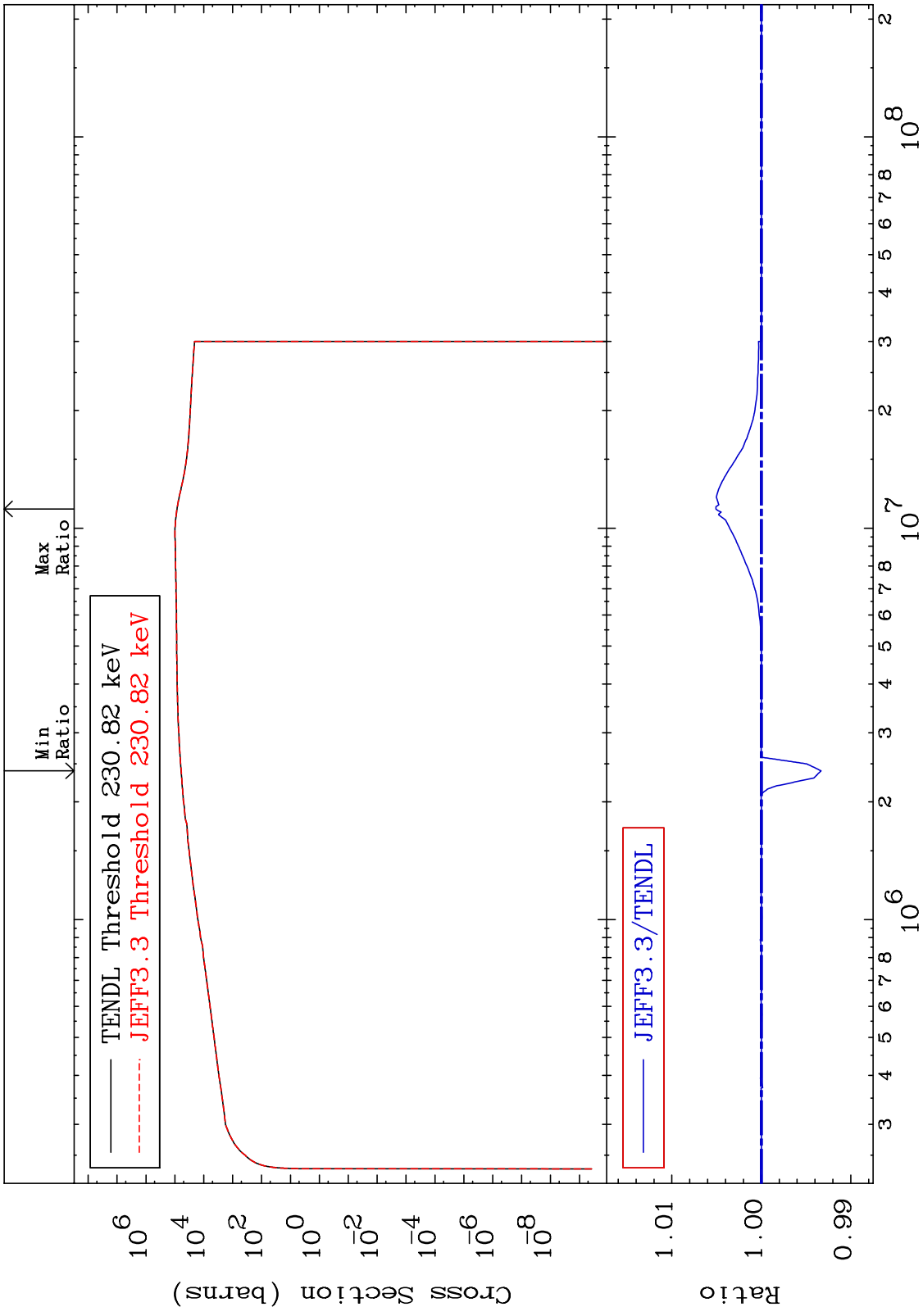
MAT 2325 Dpa total (eV-barns) 23-V -50
 Cross Section -98.97 To 425.3 %



70 Incident Energy (eV) 23-V -50



MAT 2325 Dpa inelastic (mt51-91) 23-V -50
 Cross Section -0.668 To 0.509 %

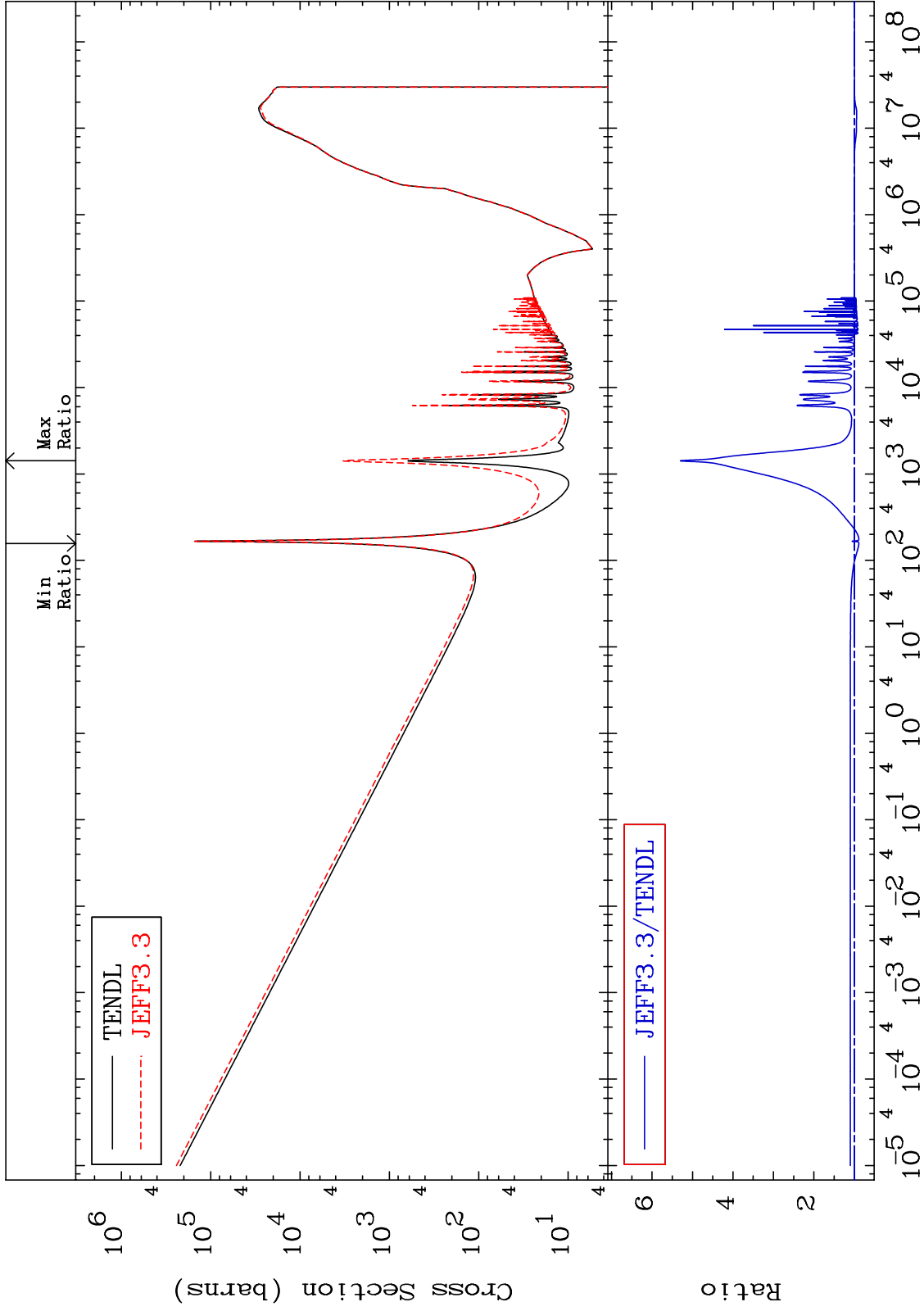


72 Incident Energy (eV) 23-V -50

MAT 2325

Dpa disappearance (mt102 -120)
Cross Section

23-V -50
-11.11 To 430.3 %

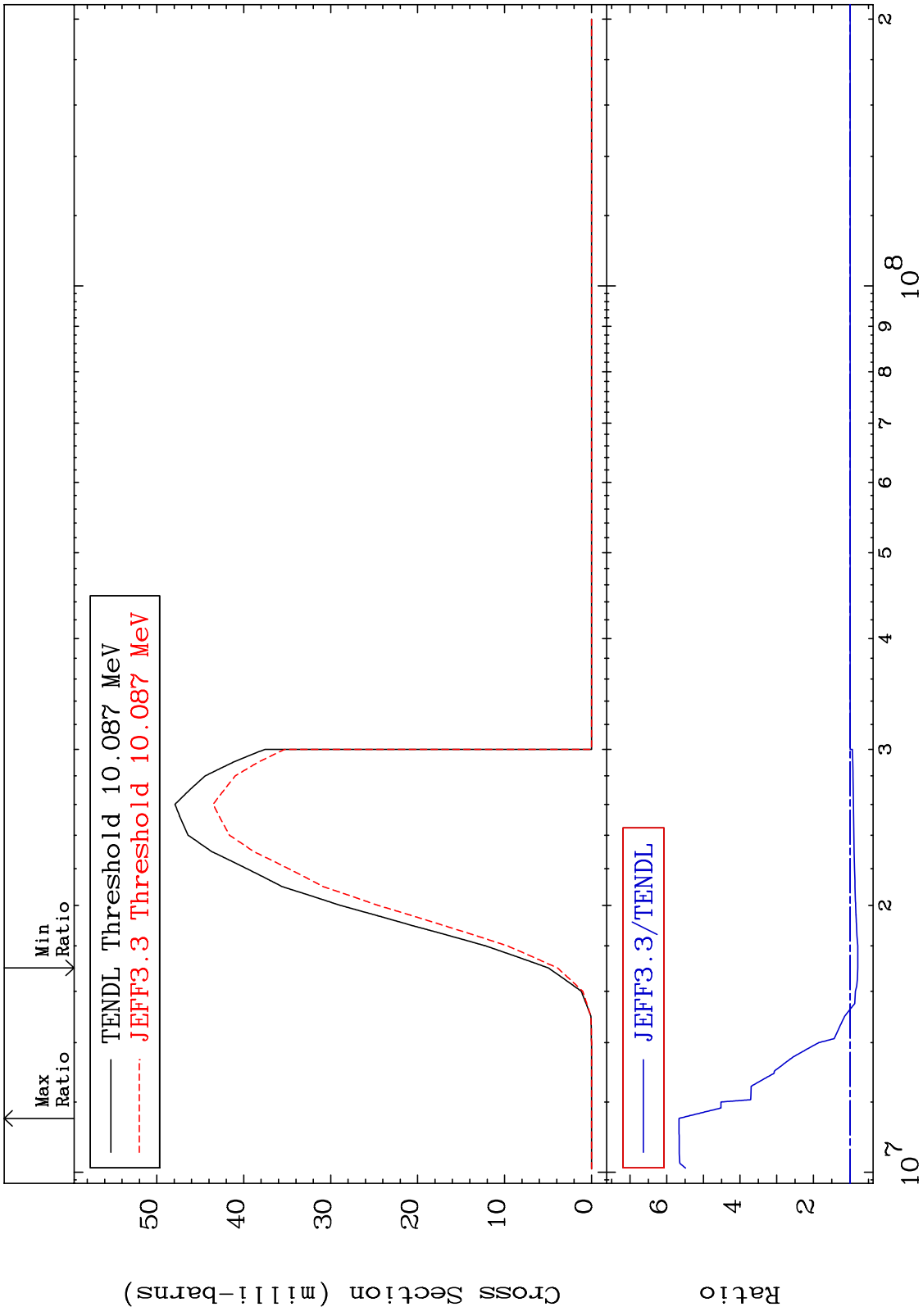


73

Incident Energy (eV)

23-V -50

MAT 2325 (n,n') α :21-Sc-46g 23-V -50
 Radionuclide Production Cross Section -21.04 To 466.3 %



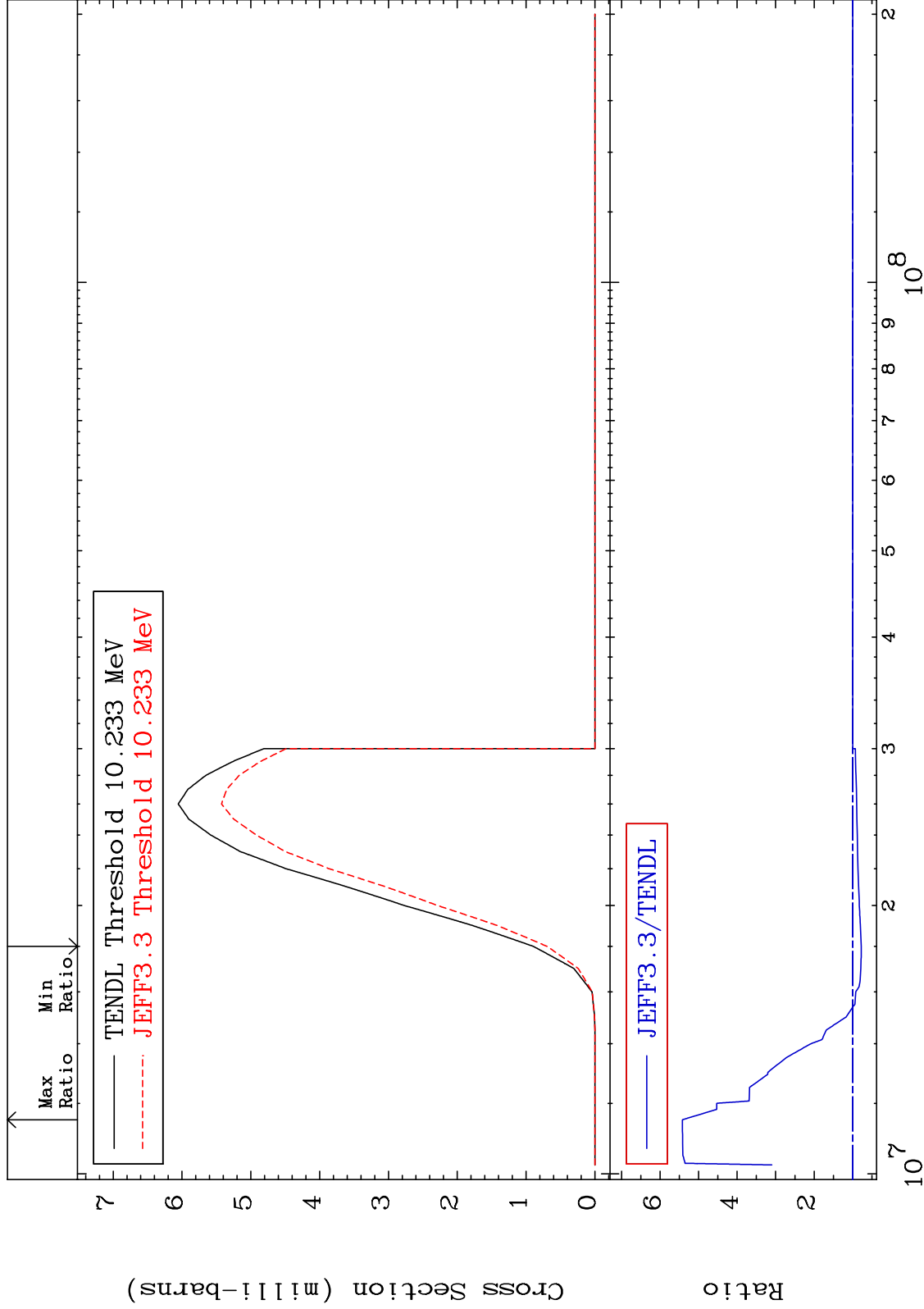
74 23-V -50

MAT 2325

(n, n') α :21-Sc-46m2

23-V -50

Radionuclide Production Cross Section -22.42 To 442.0 %



75

Incident Energy (eV)

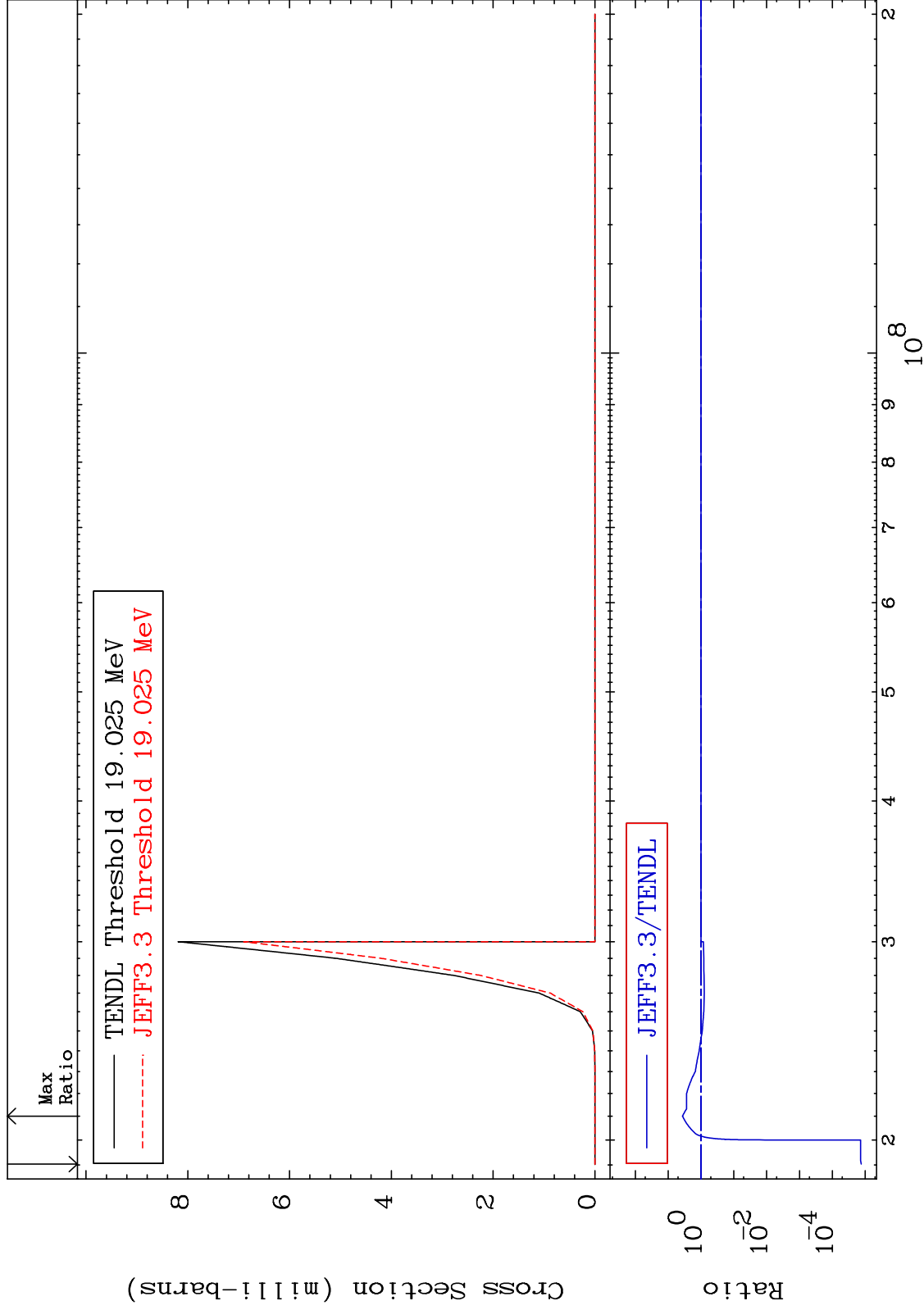
23-V -50

MAT 2325

(n,2n) α :21-Sc-45g

23-V -50

Radionuclide Production Cross Section -100.0 To 267.4 %



76

Radionuclide Production Cross Section

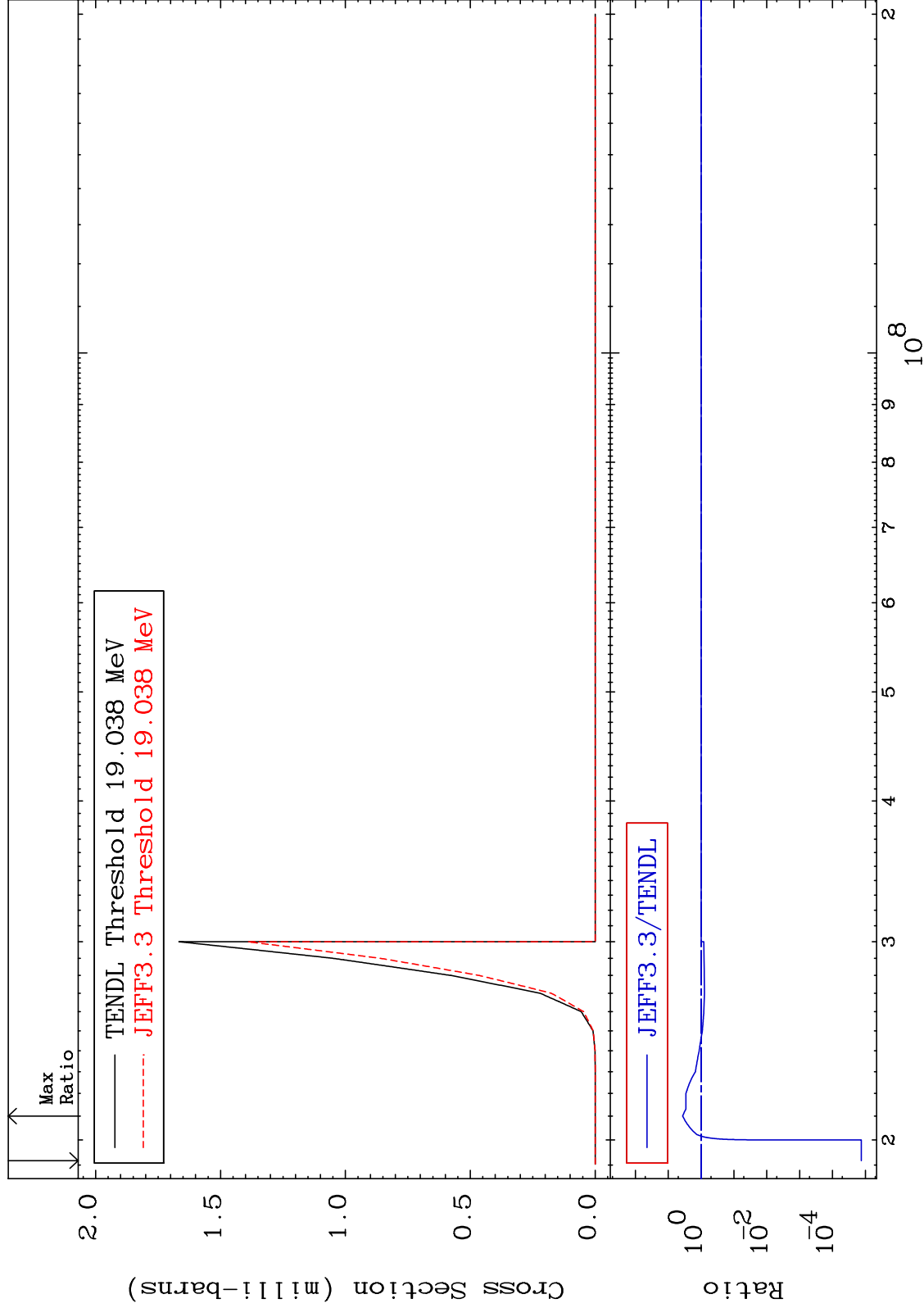
23-V -50

MAT 2325

(n,2n) α :21-Sc-45m1

23-V -50

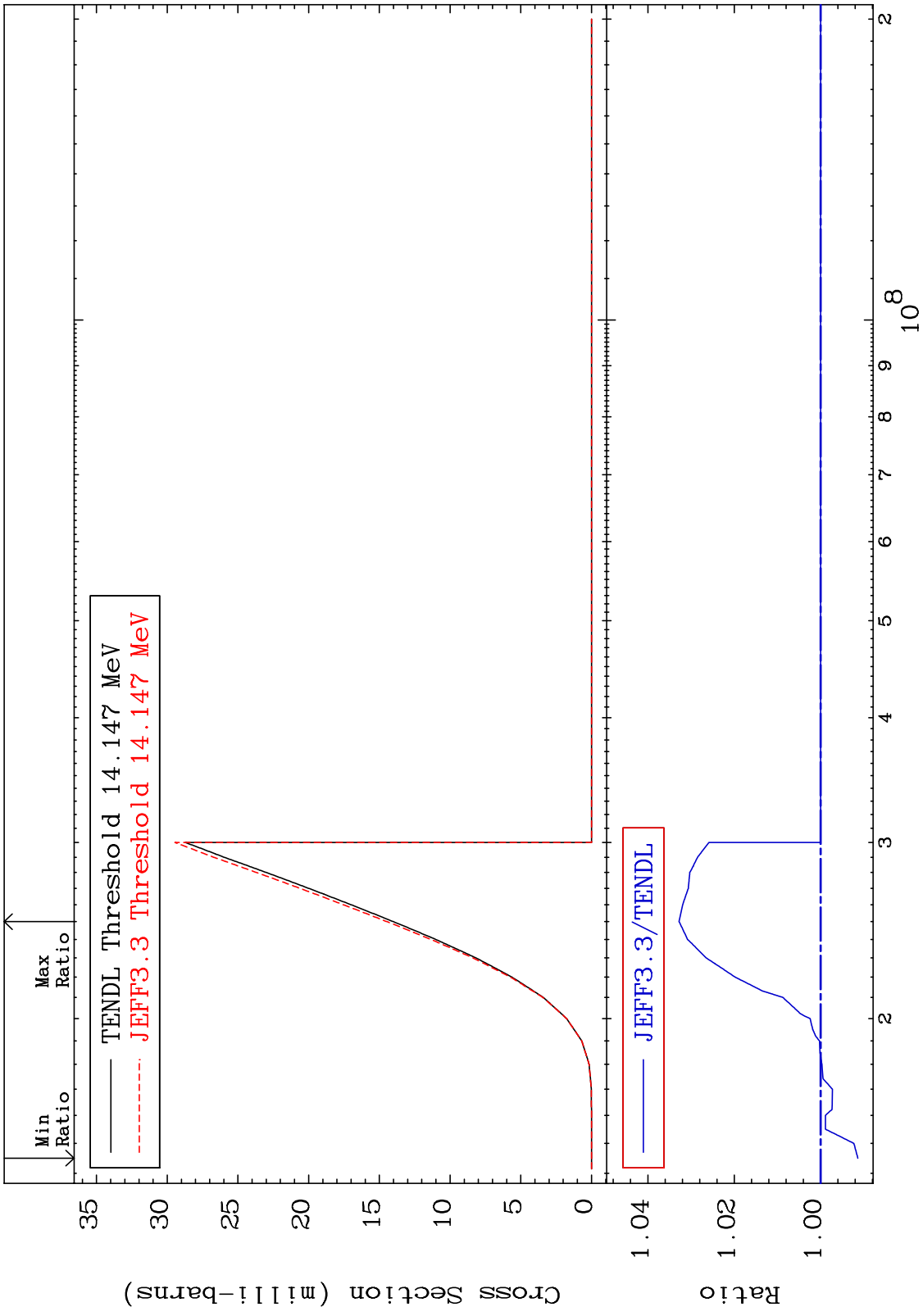
Radionuclide Production Cross Section -100.0 To 264.7 %



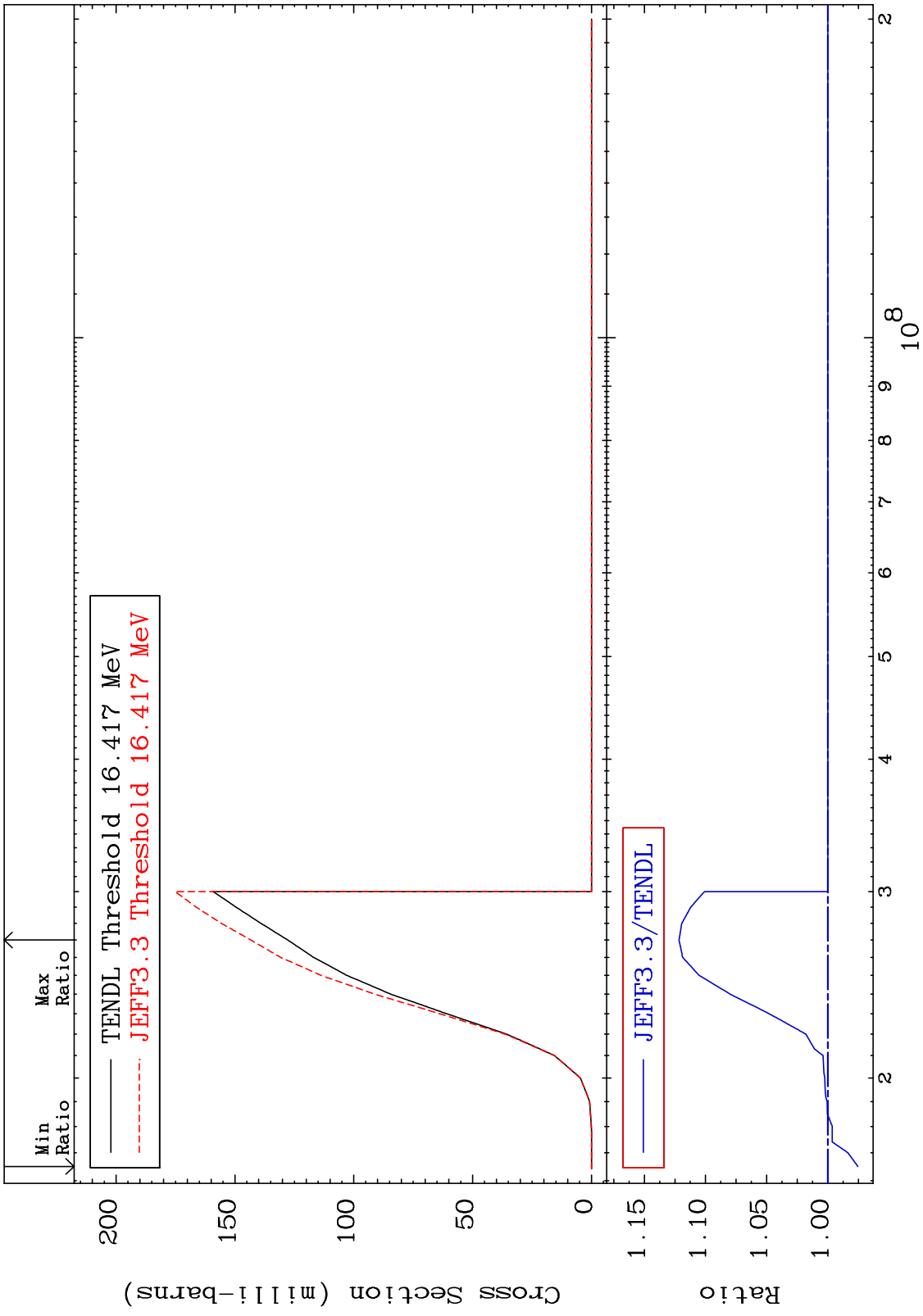
77

Incident Energy (eV)

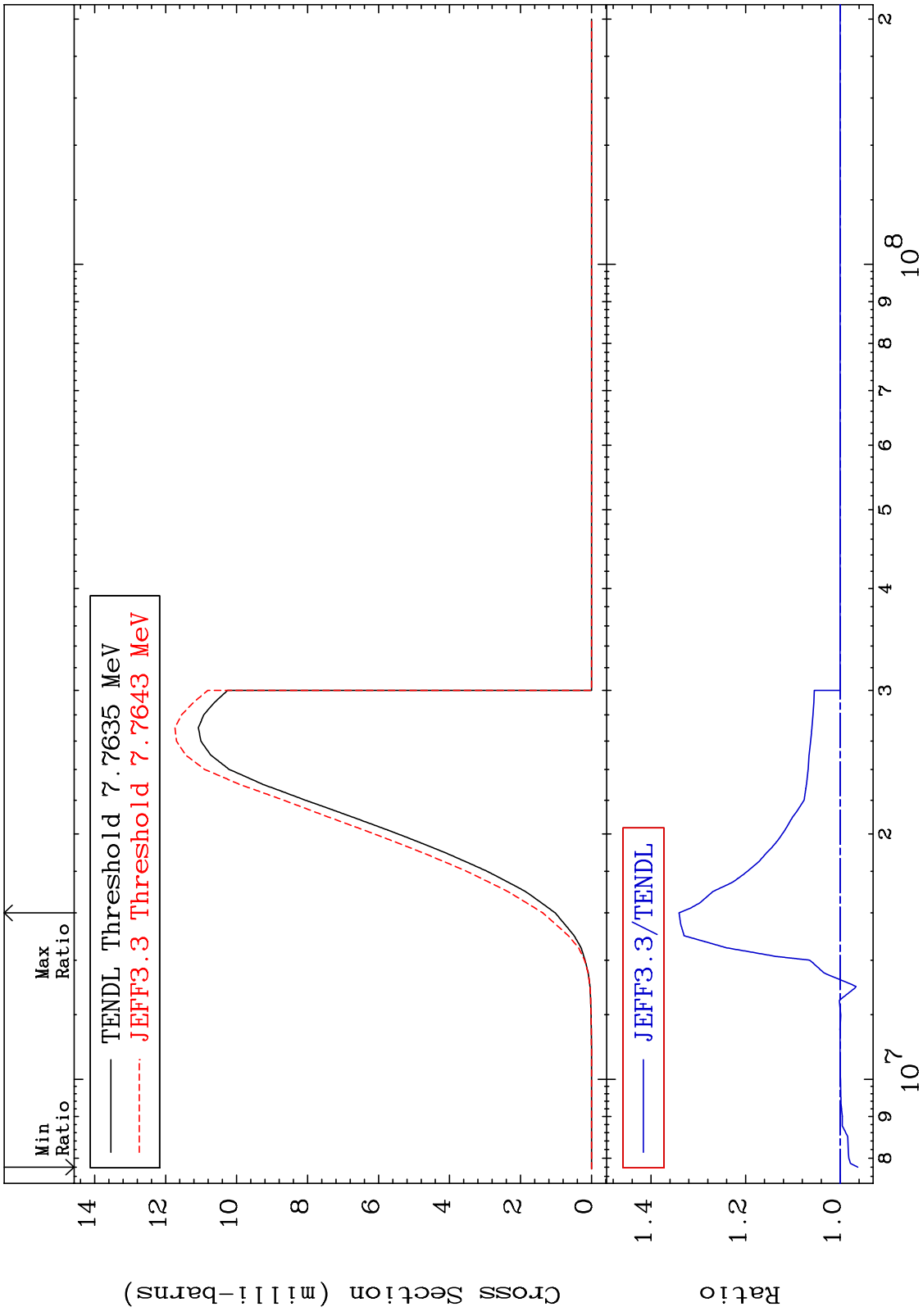
23-V -50



MAT 2325 (n,2n) p:22-Ti-48g 23-V -50
 Radionuclide Production Cross Section -2.452 To 12.16 %



MAT 2325 (n,t):22-Ti-48g 23-V -50
 Radionuclide Production Cross Section -3.754 To 34.08 %



80 8 9 10⁷ 2 3 4 5 6 7 8 9 10⁸ 2 23-V -50