

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

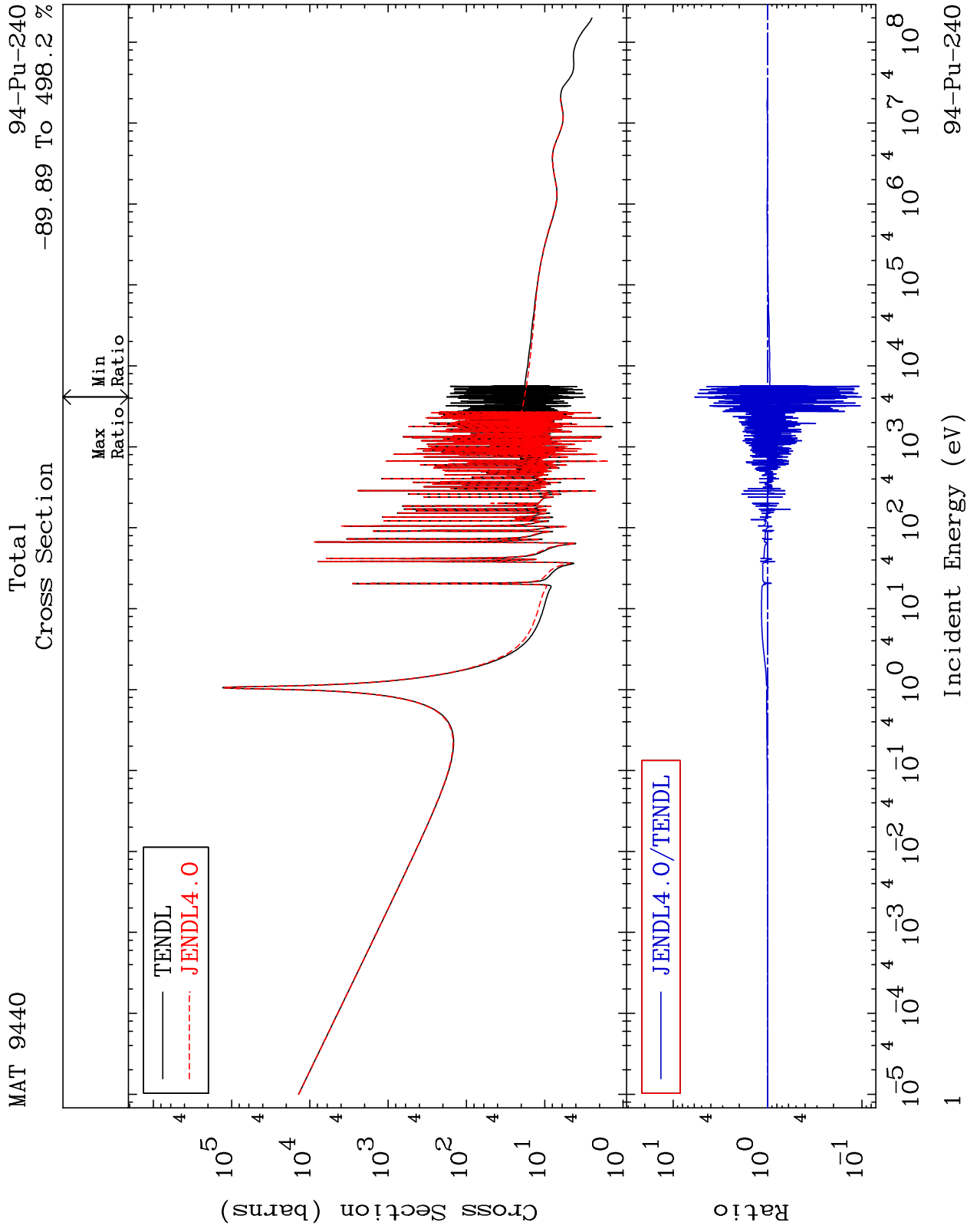
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

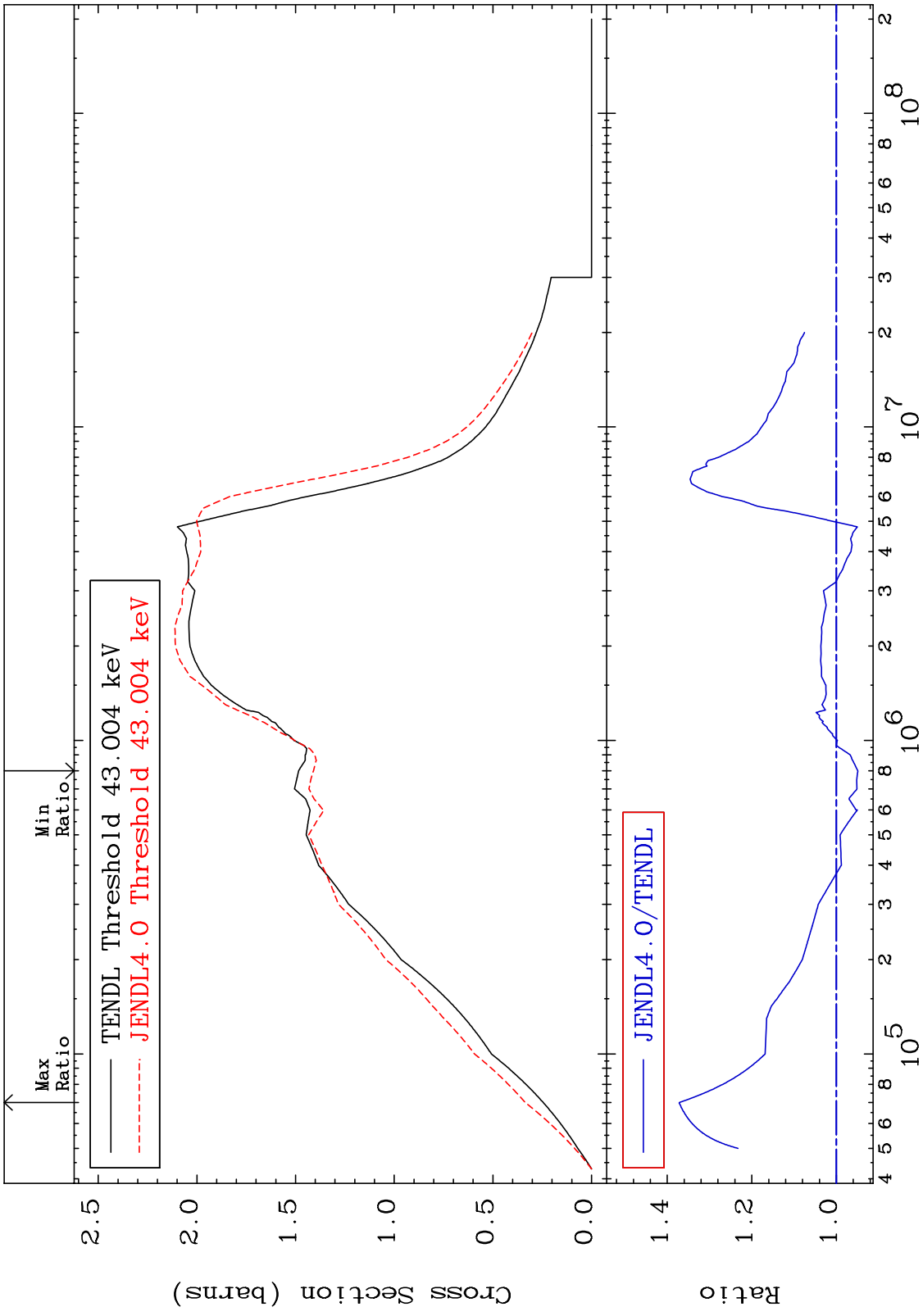
Tele: 925-443-1911

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

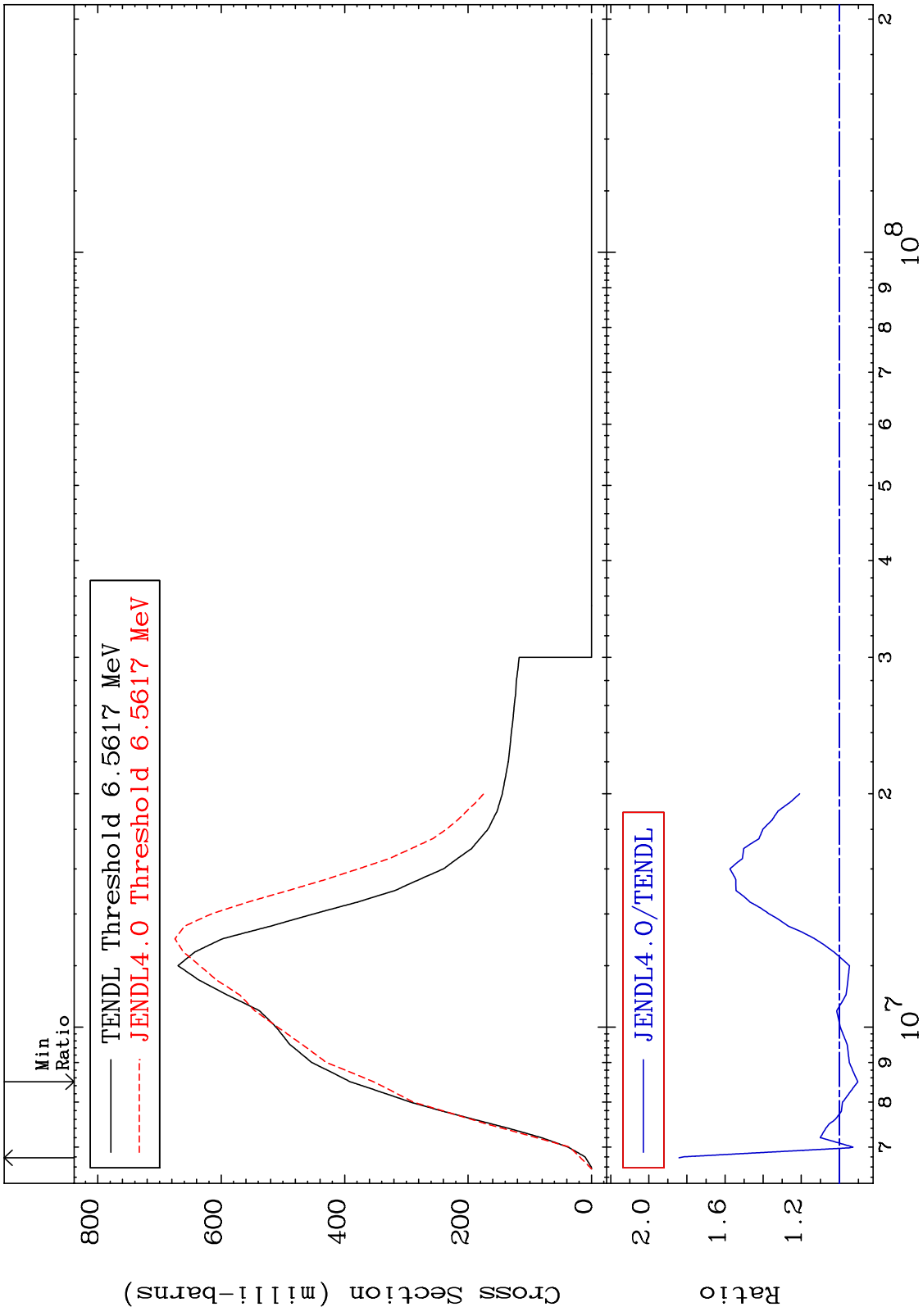
Press Mouse Button to Start



MAT 9440 Inelastic Cross Section 94-Pu-240 -5.083 To 37.21 %

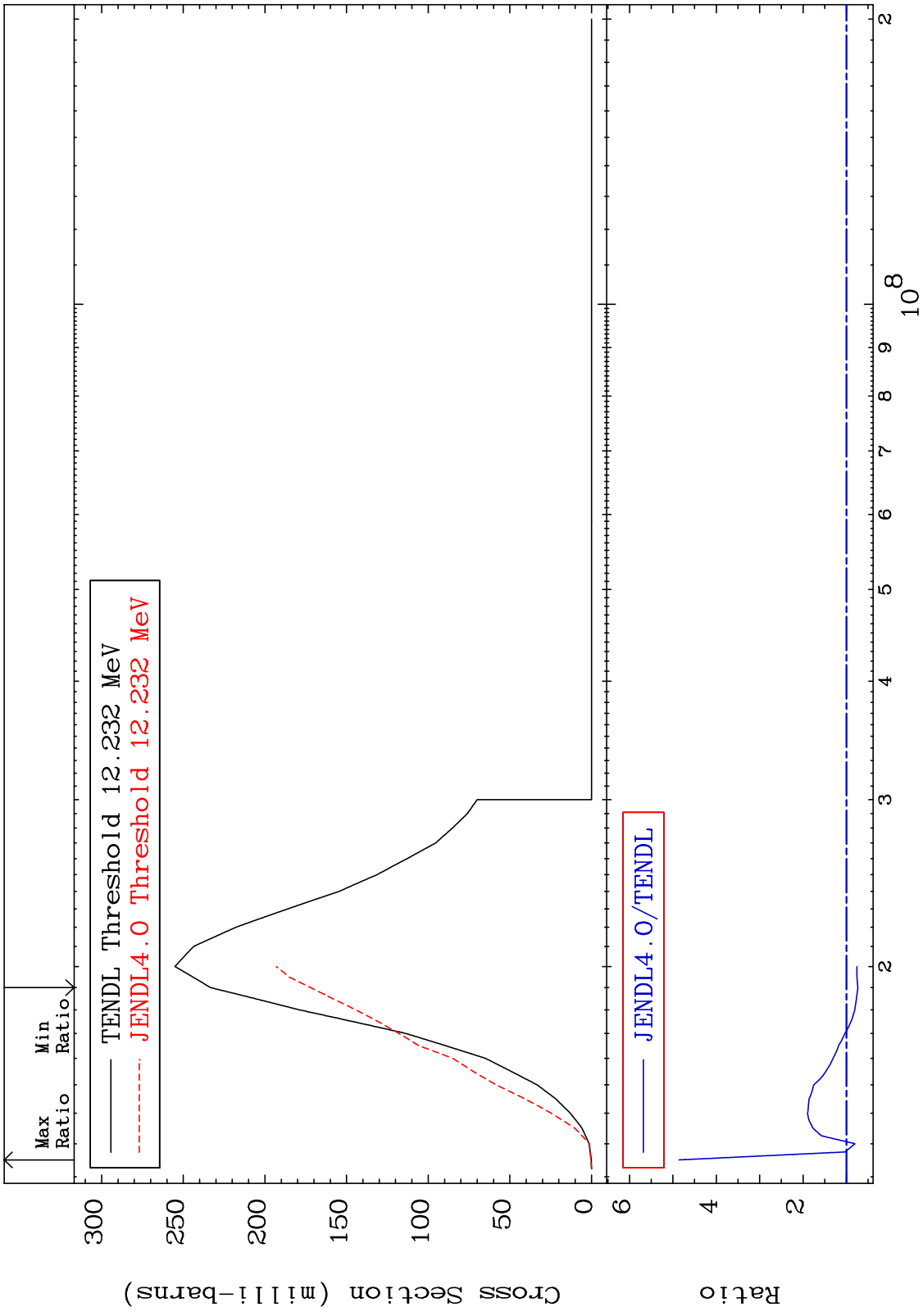


MAT 9440 (n,2n) Cross Section 94-Pu-240 -9.681 To 84.15 %

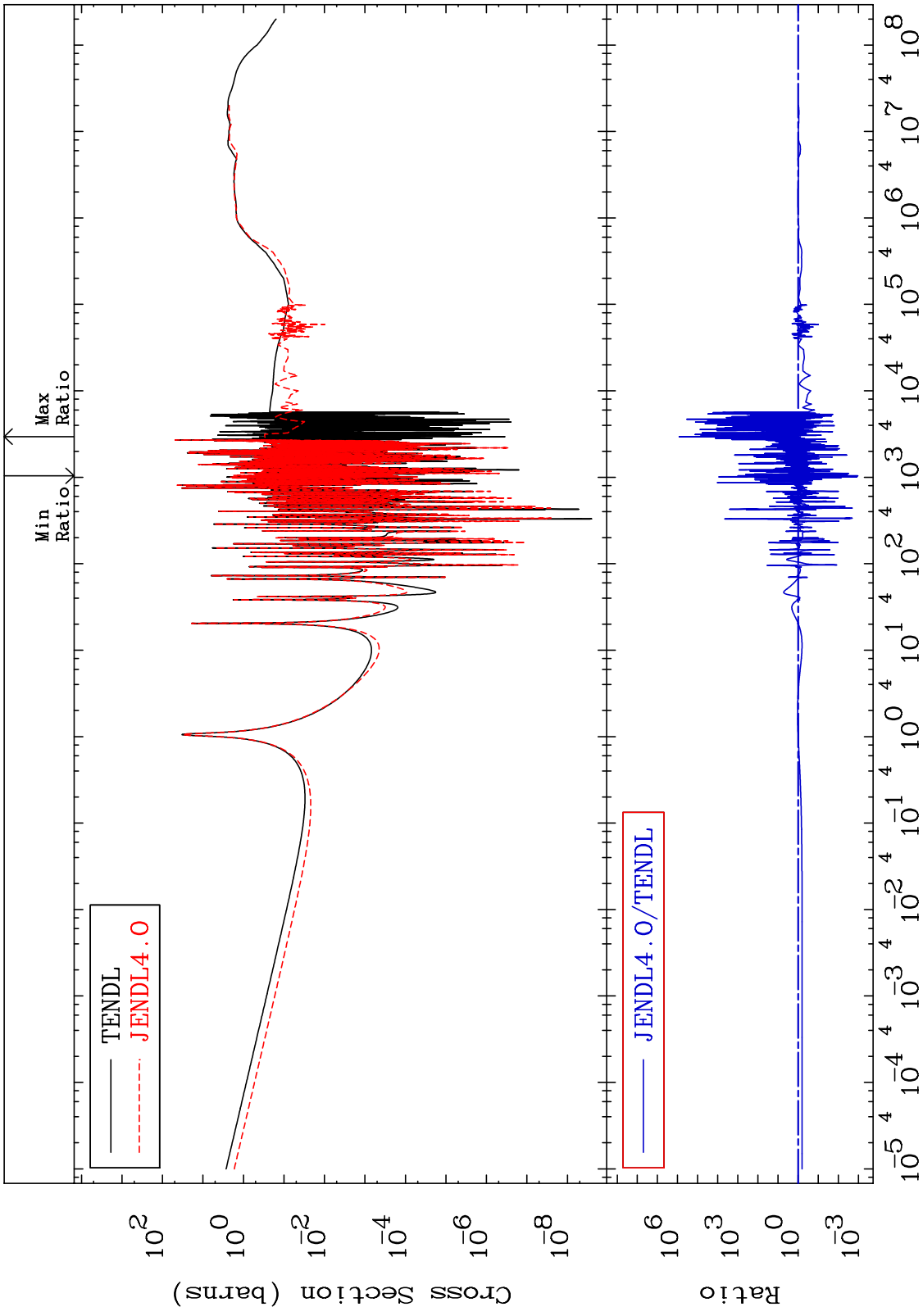


4 94-Pu-240

MAT 9440 (n,3n) 94-Pu-240
 Cross Section -26.30 To 385.9 %



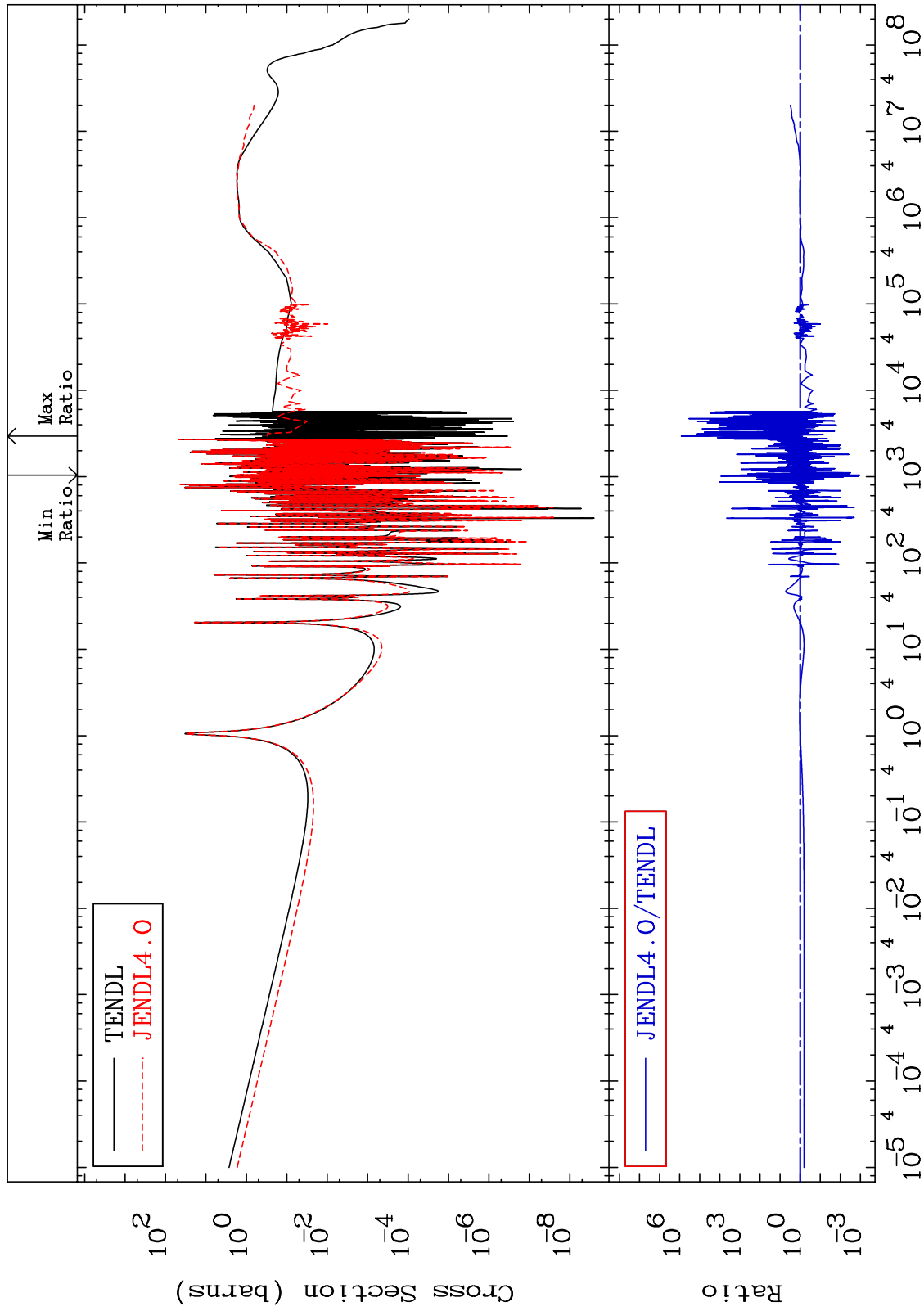
5 94-Pu-240



MAT 9440

(n,f) First Chance
Cross Section

94-Pu-240
-99.89 To 9999. %

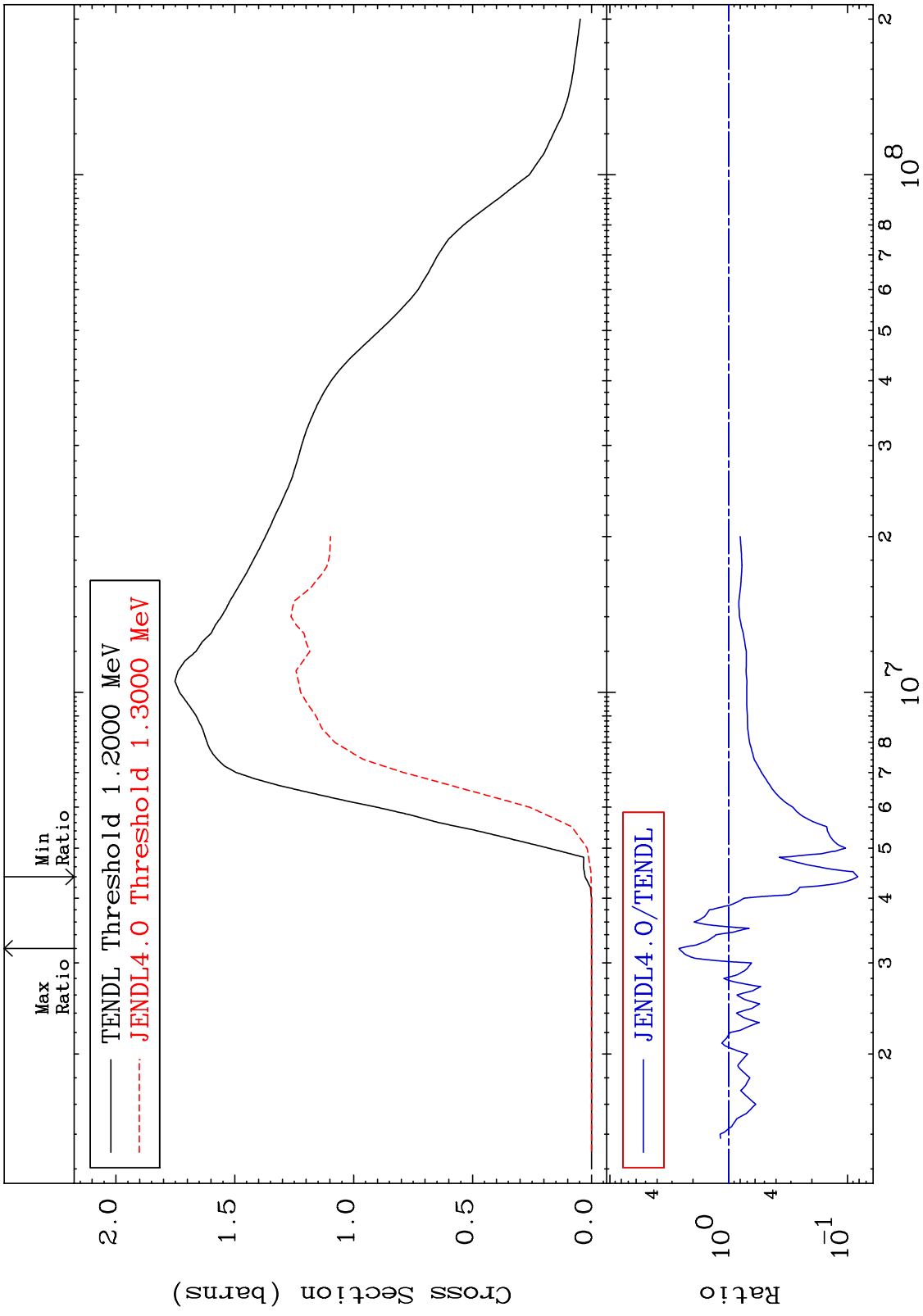


7

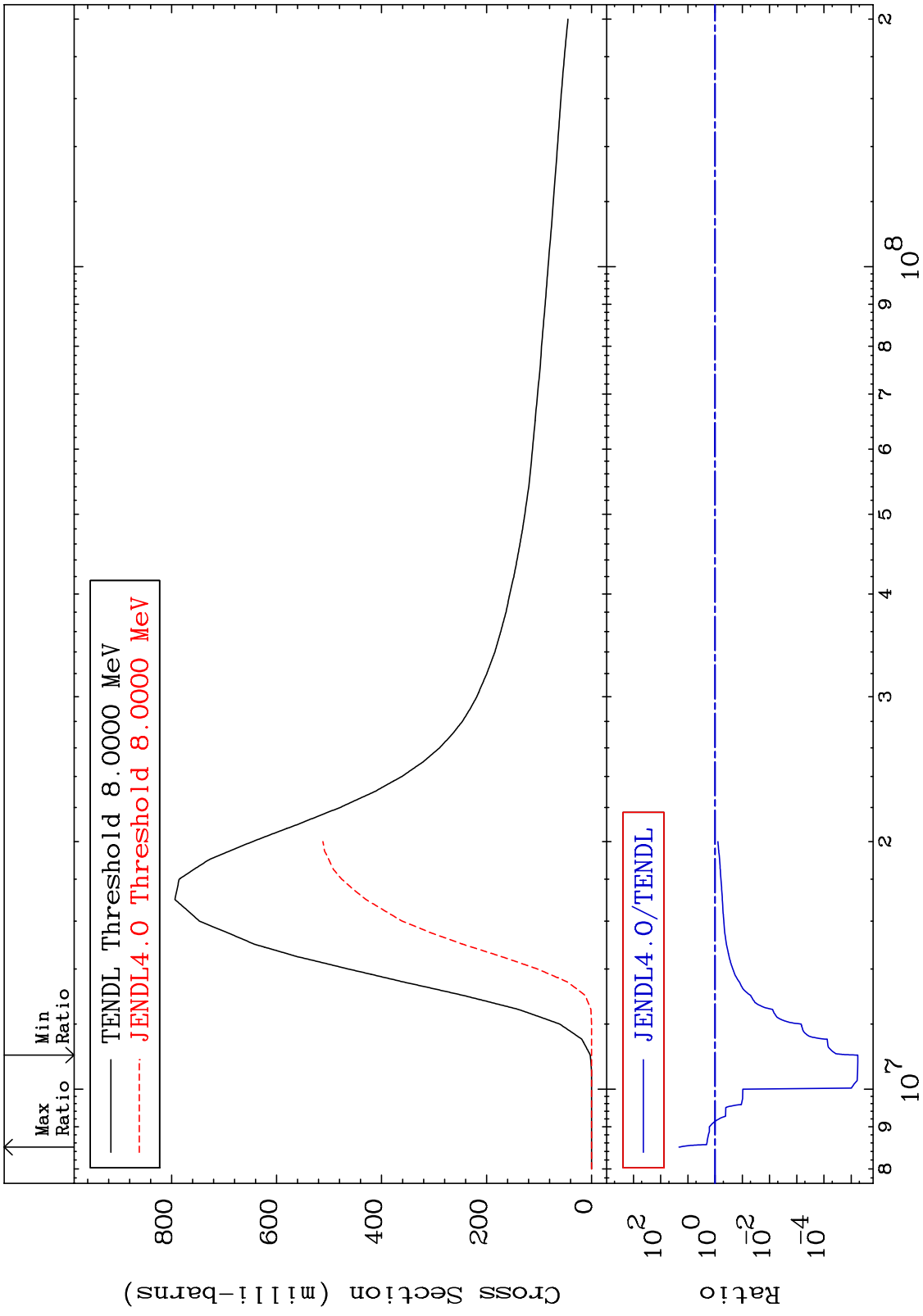
Incident Energy (eV)

94-Pu-240

MAT 9440 (n,nf) Second Chance Cross Section 94-Pu-240 -91.80 To 161.6 %

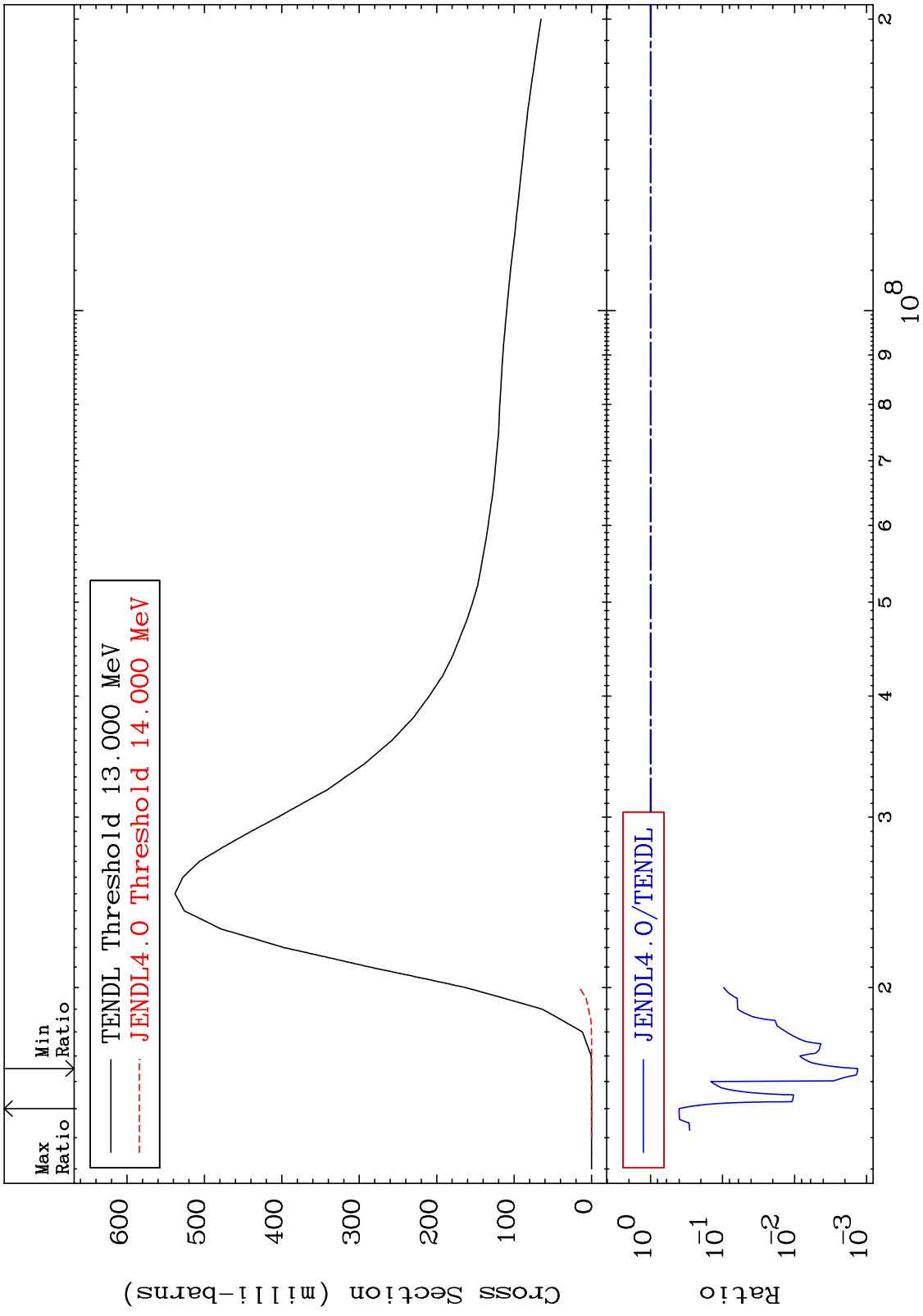


MAT 9440 (n,2nf) Third Chance Cross Section 94-Pu-240
 -100.0 To 2013. %



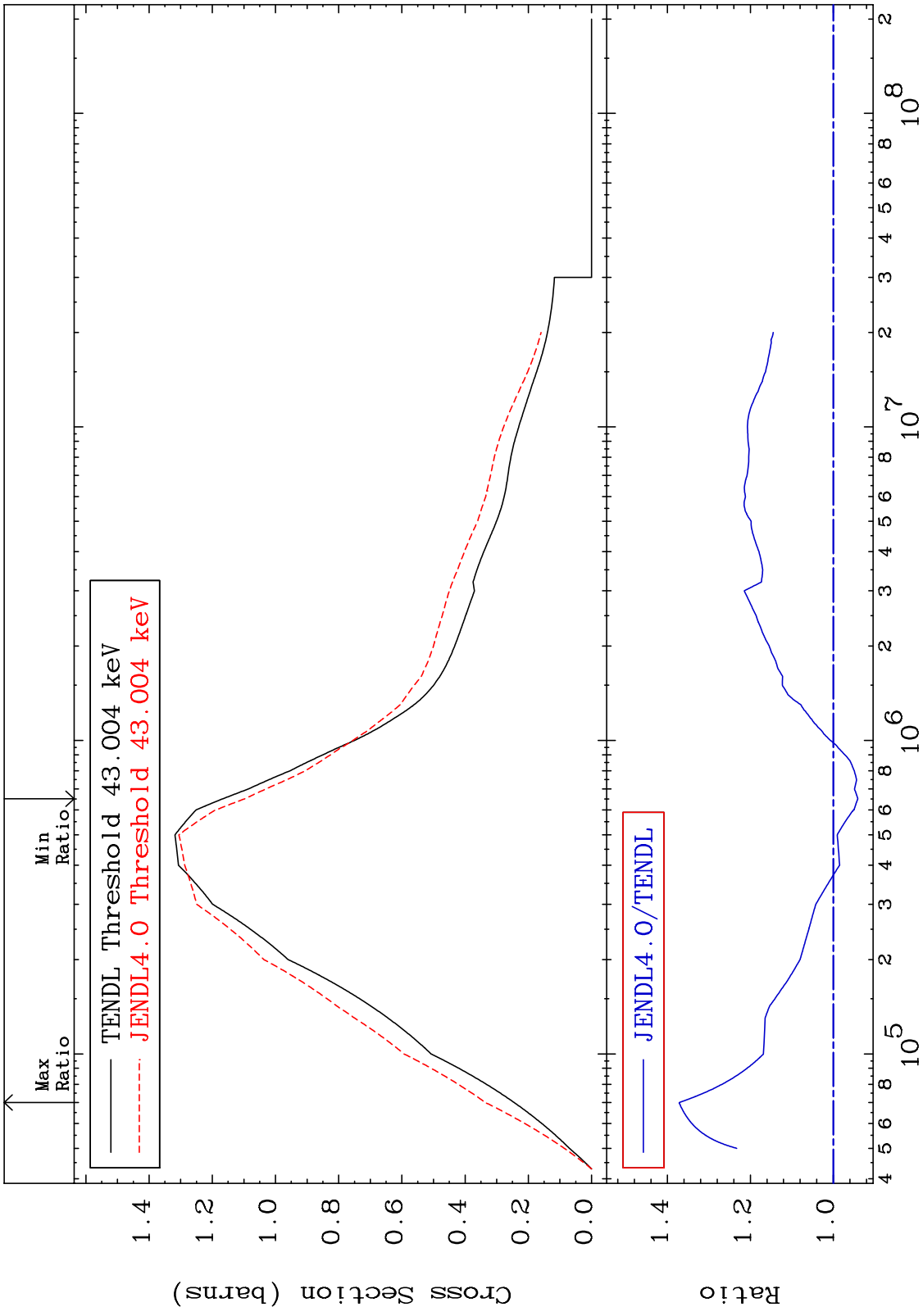
94-Pu-240

MAT 9440 (n,3nf) Fourth Chance Cross Section 94-Pu-240 -99.87 To -59.78%

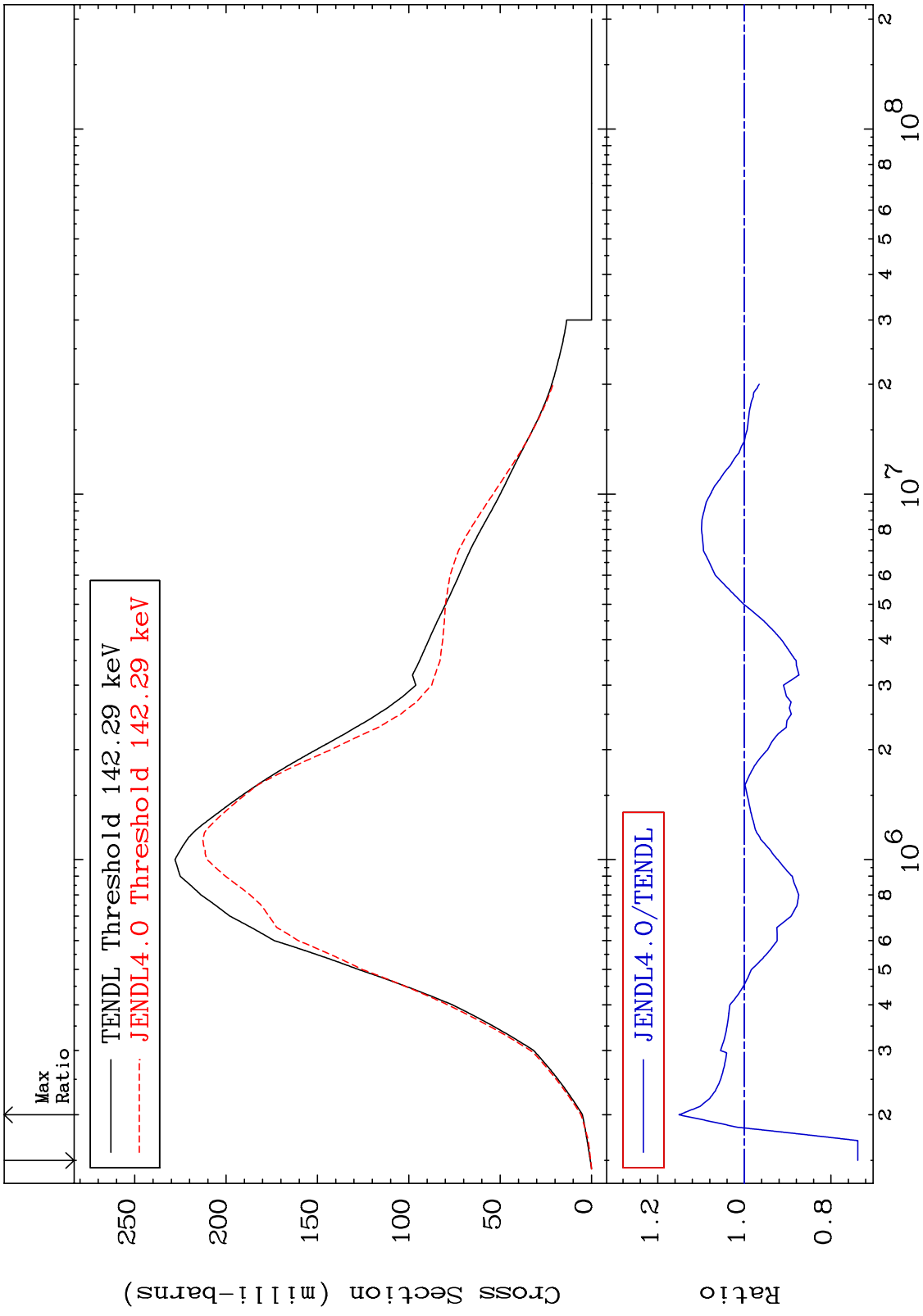


10 94-Pu-240

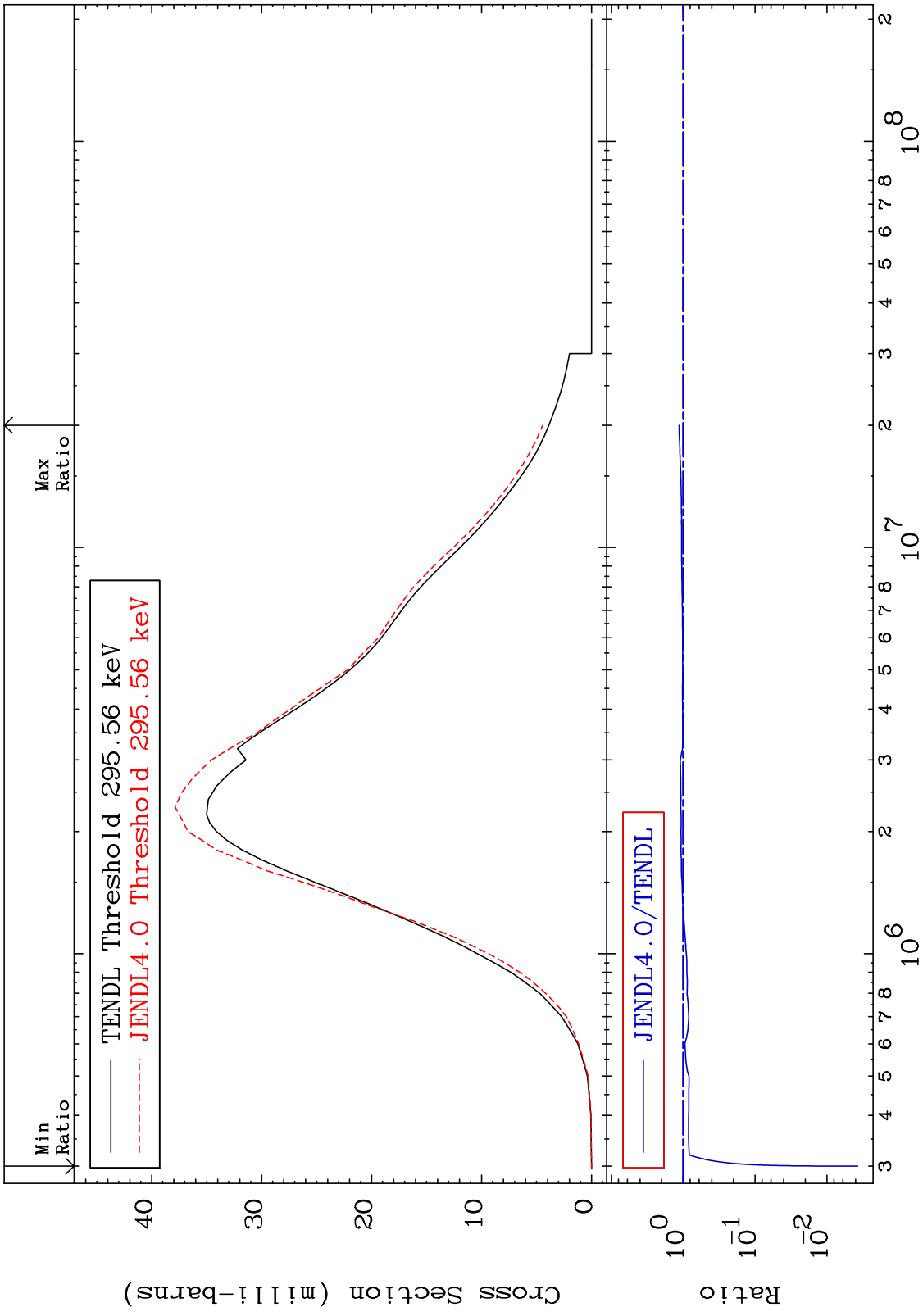
MAT 9440 MT= 51 (n,n') Level Cross Section 94-Pu-240
 -5.921 To 37.21 %



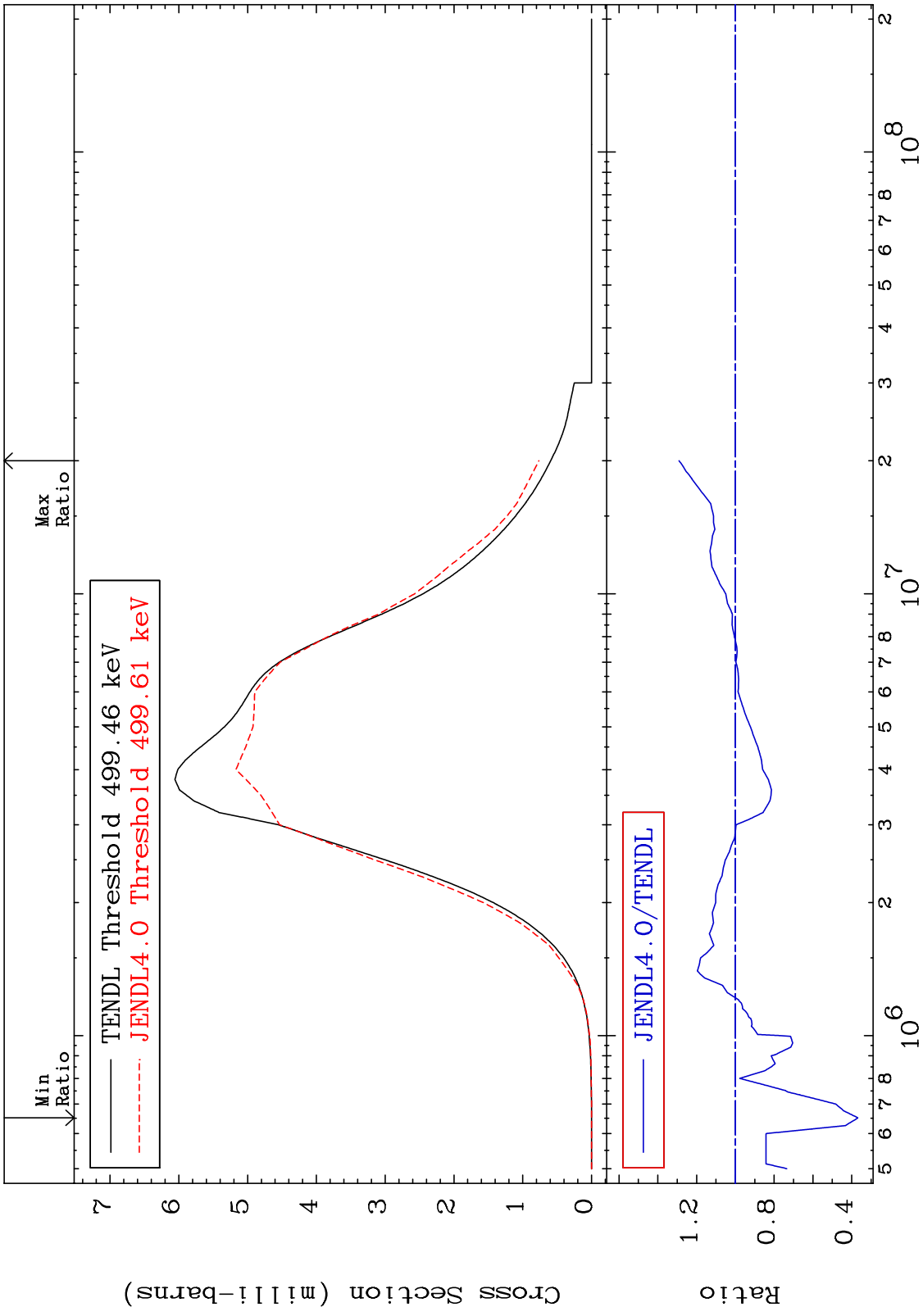
MAT 9440 MT= 52 (n,n') Level 94-Pu-240
 Cross Section -26.20 To 15.08 %



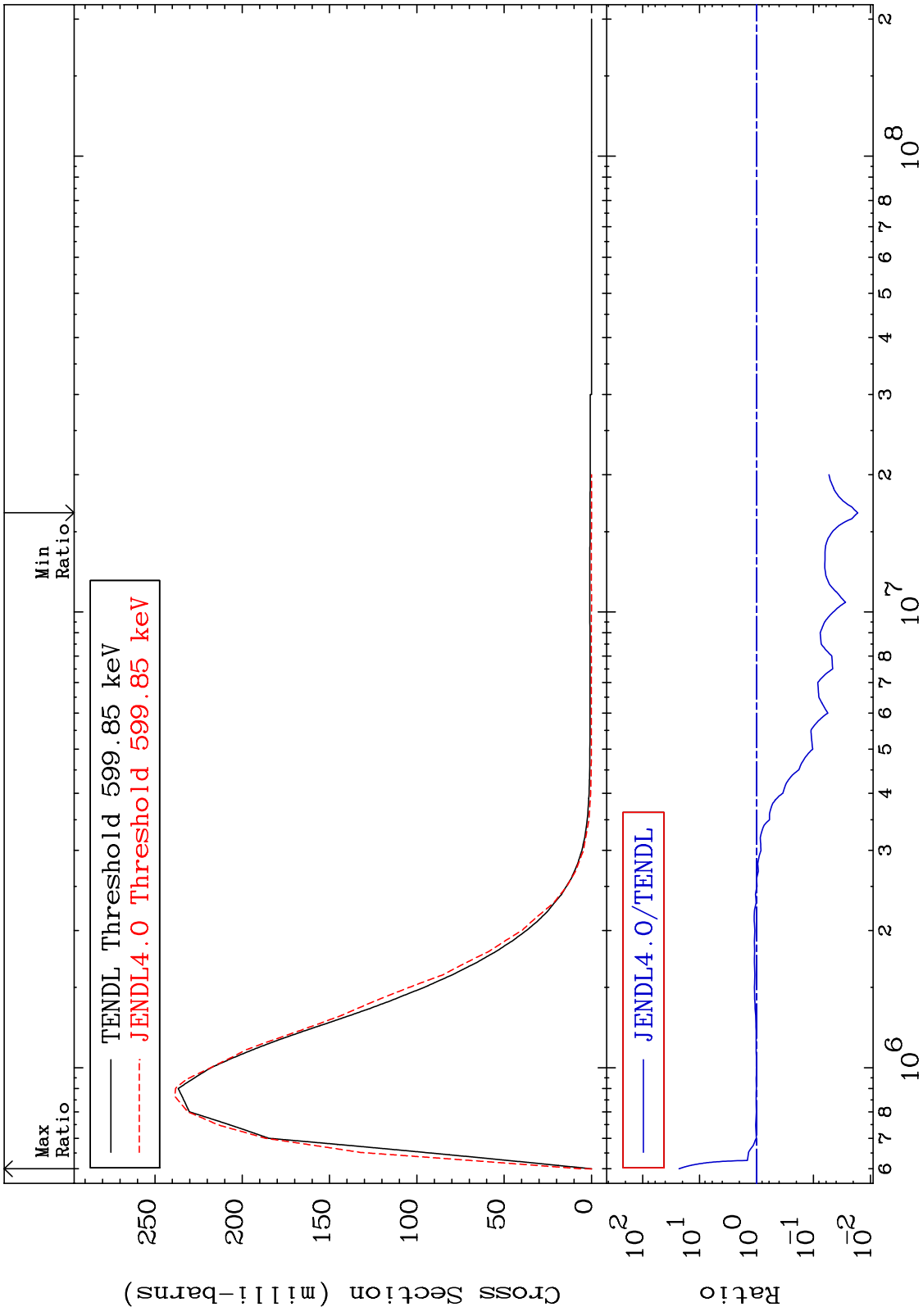
MAT 9440 MT= 53 (n,n') Level Cross Section 94-Pu-240
 -99.63 To 14.35 %



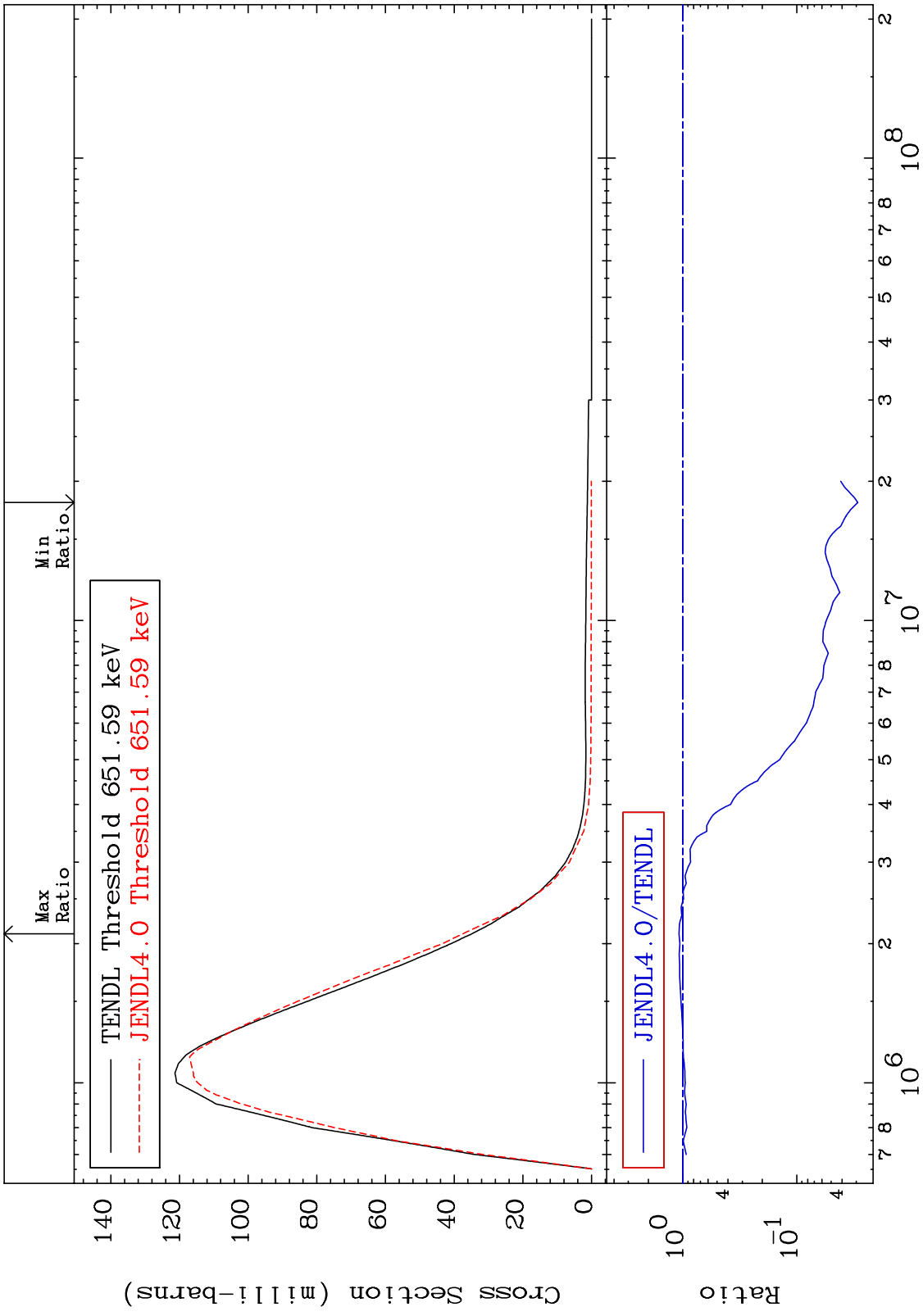
MAT 9440 MT= 54 (n,n') Level Cross Section -63.16 To 29.05 % 94-Pu-240



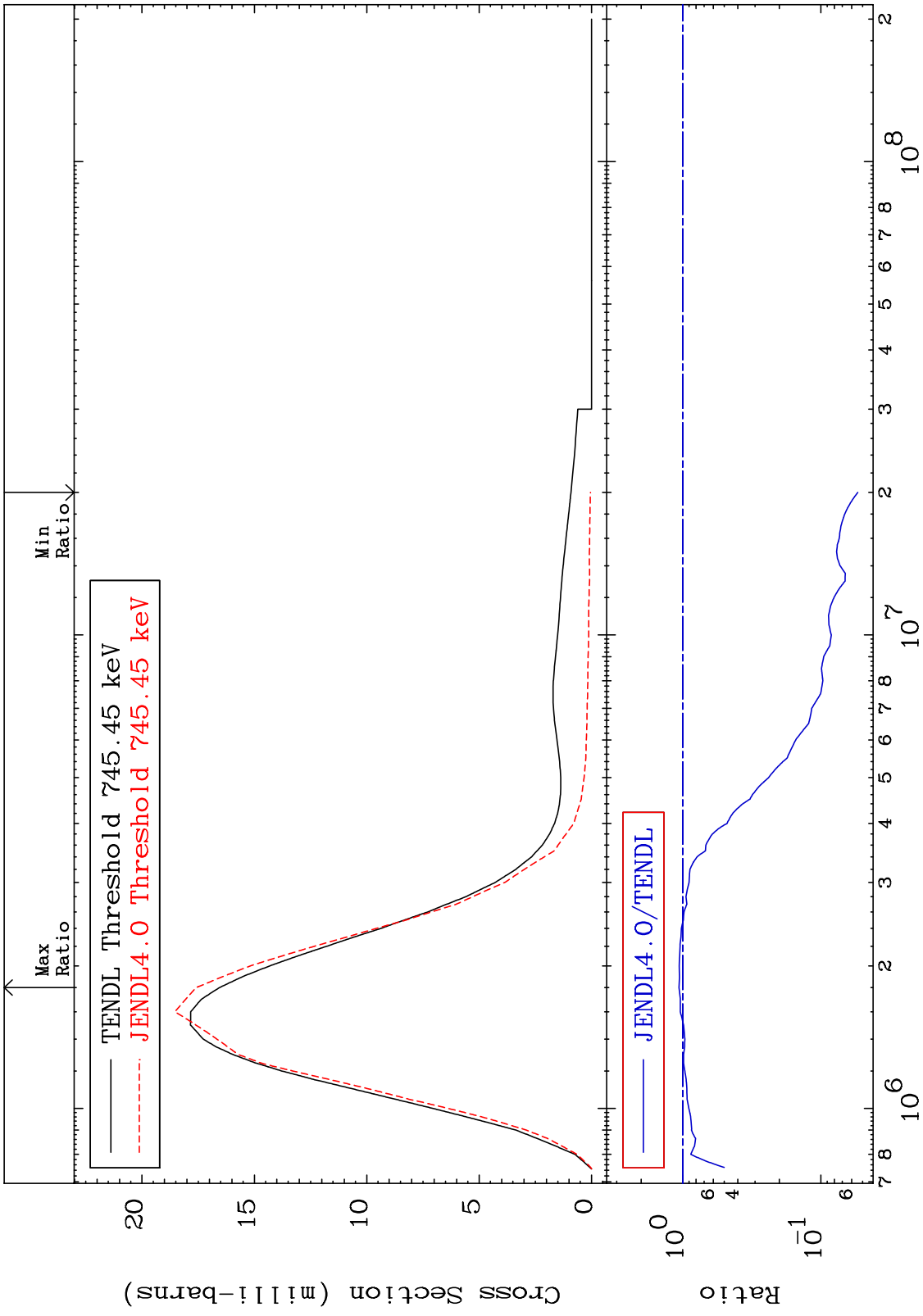
MAT 9440 MT= 55 (n,n') Level Cross Section -98.34 To 2193. % 94-Pu-240



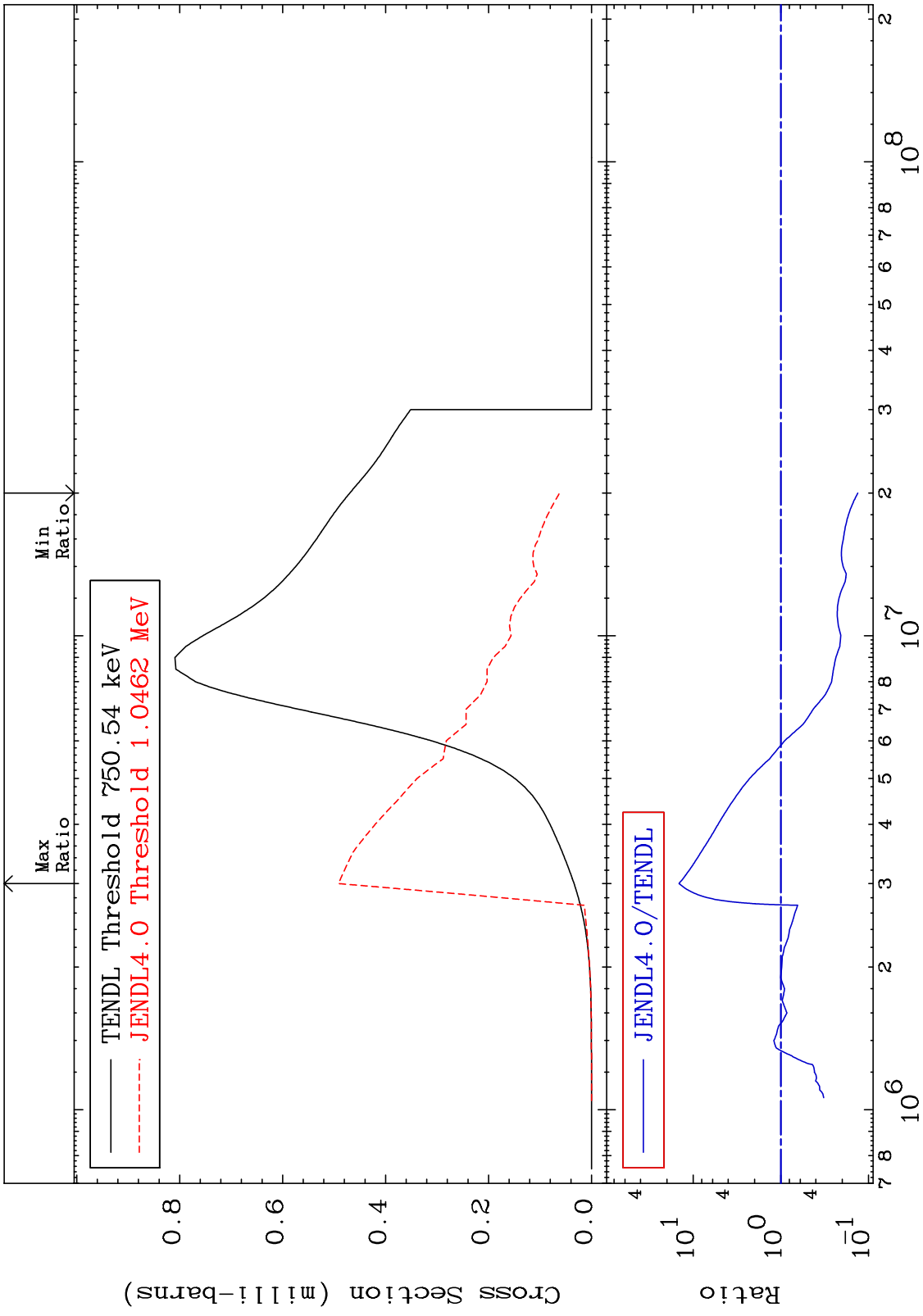
MAT 9440 MT= 56 (n,n') Level Cross Section -97.09 To 7.559 % 94-Pu-240



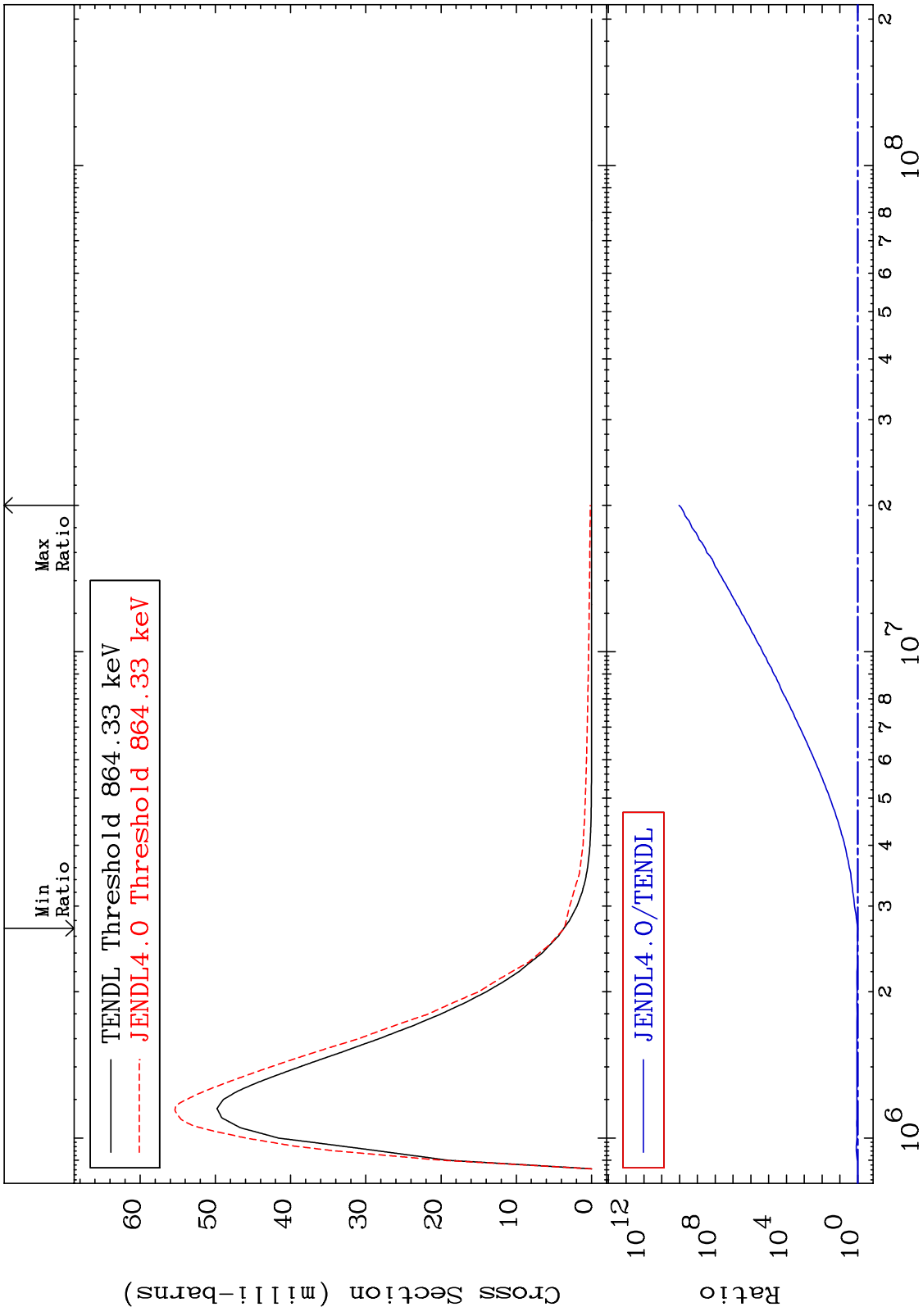
MAT 9440 MT= 57 (n,n') Level Cross Section 94-Pu-240
 -94.59 To 6.264 %



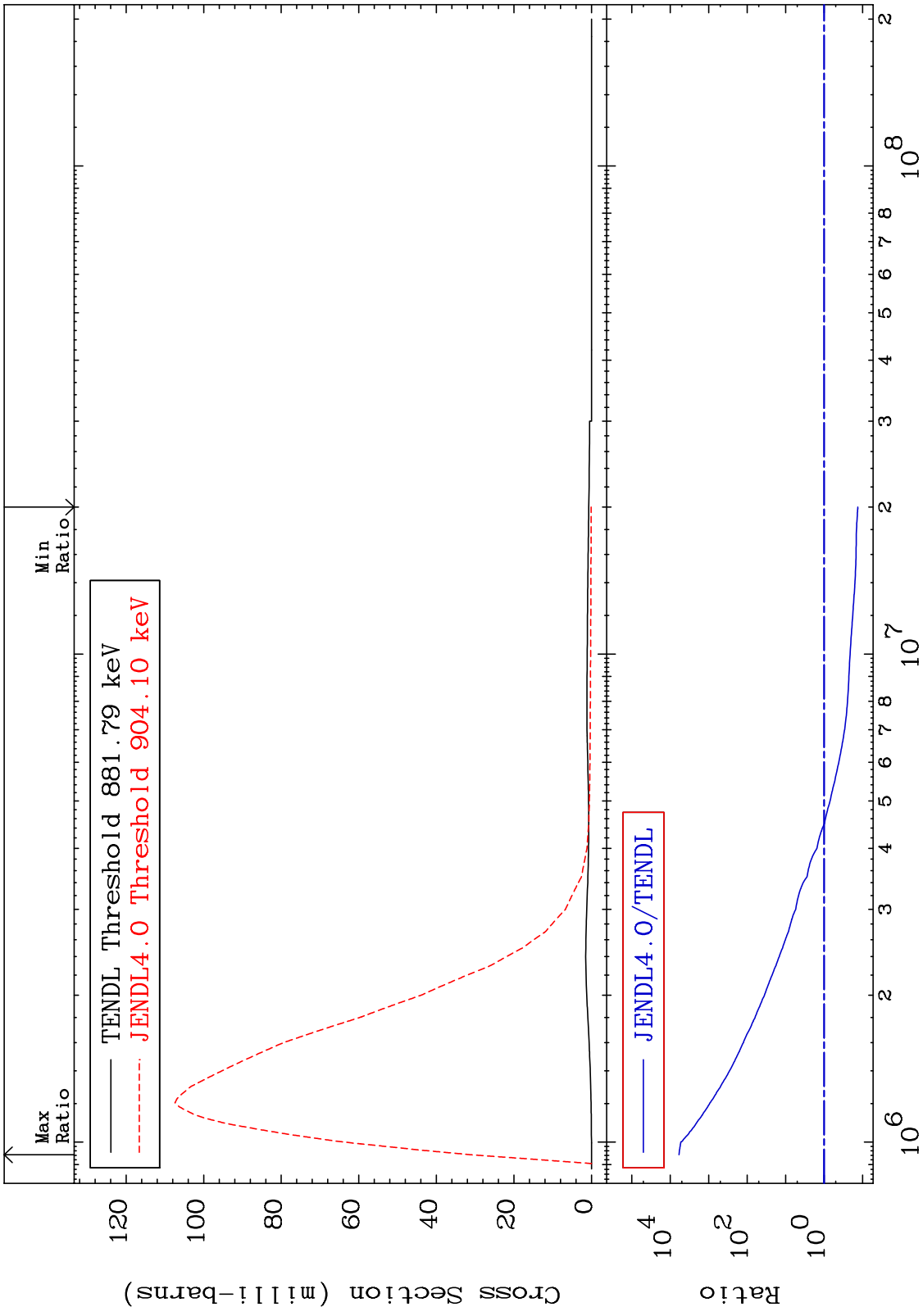
MAT 9440 MT= 58 (n,n') Level Cross Section 94-Pu-240
 -86.75 To 1352. %



MAT 9440 MT= 59 (n,n') Level Cross Section 94-Pu-240
 -1.813 To 9999. %

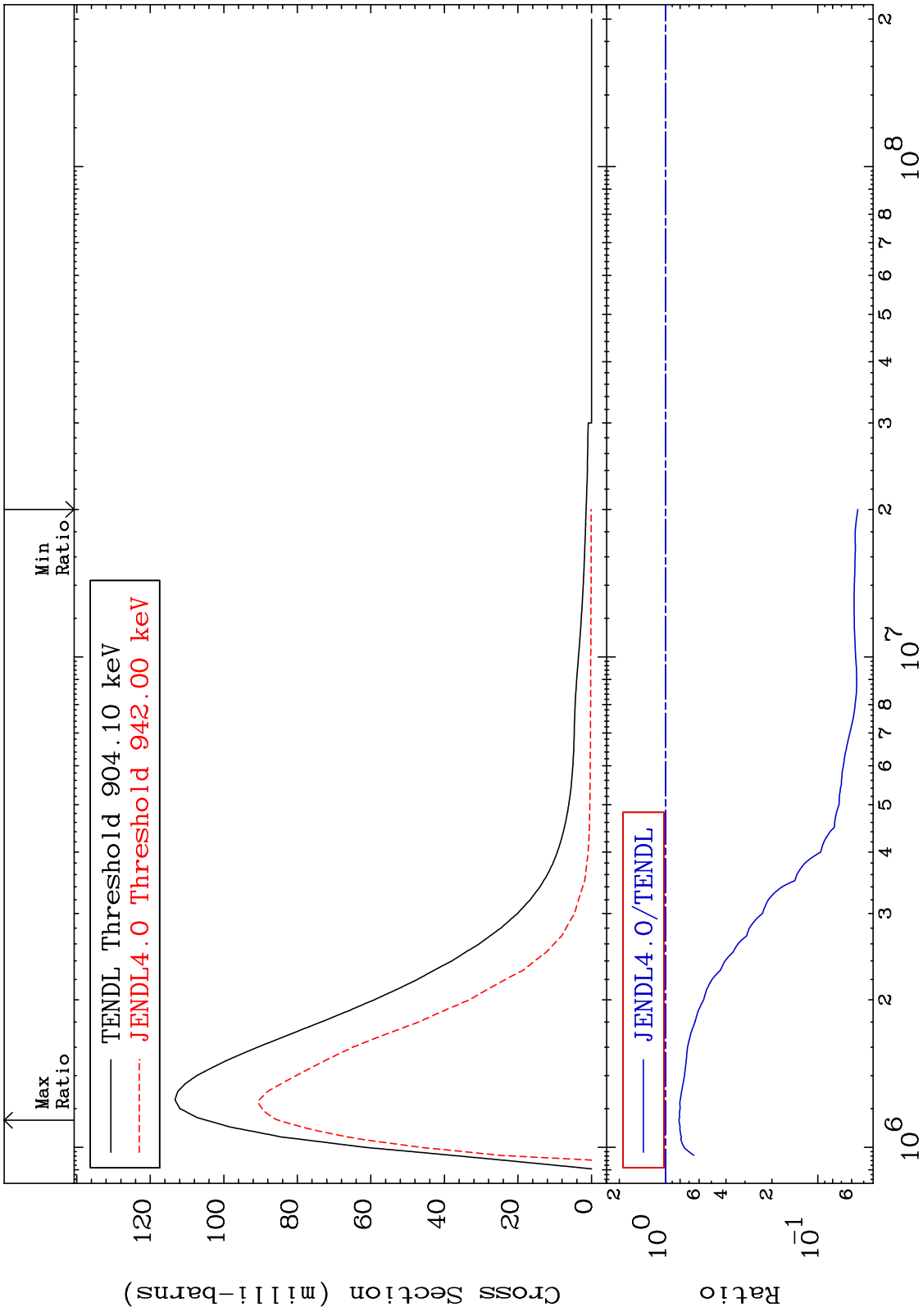


MAT 9440 MT= 60 (n,n') Level Cross Section 94-Pu-240
 -86.77 To 9999. %

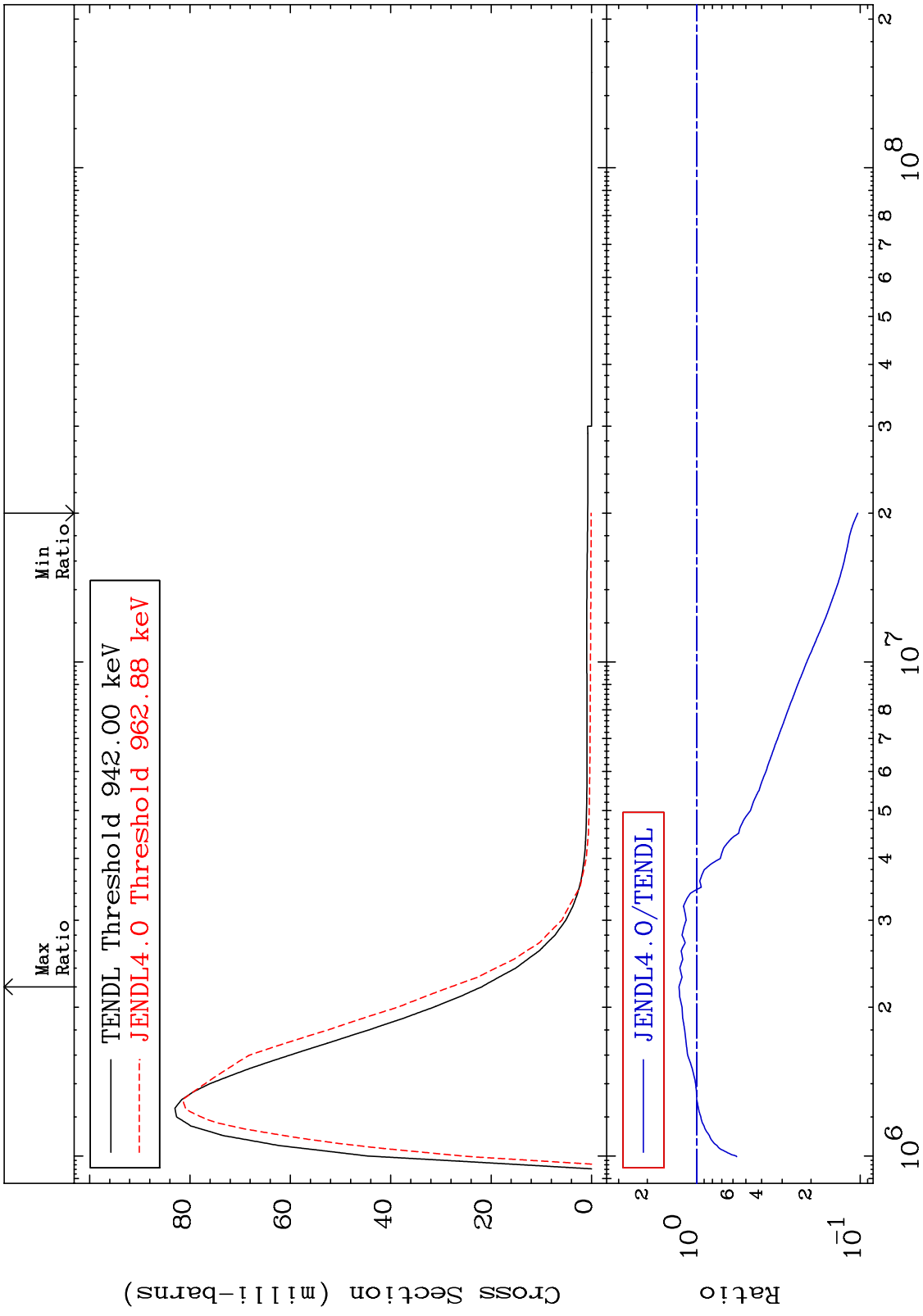


Incident Energy (eV) 94-Pu-240

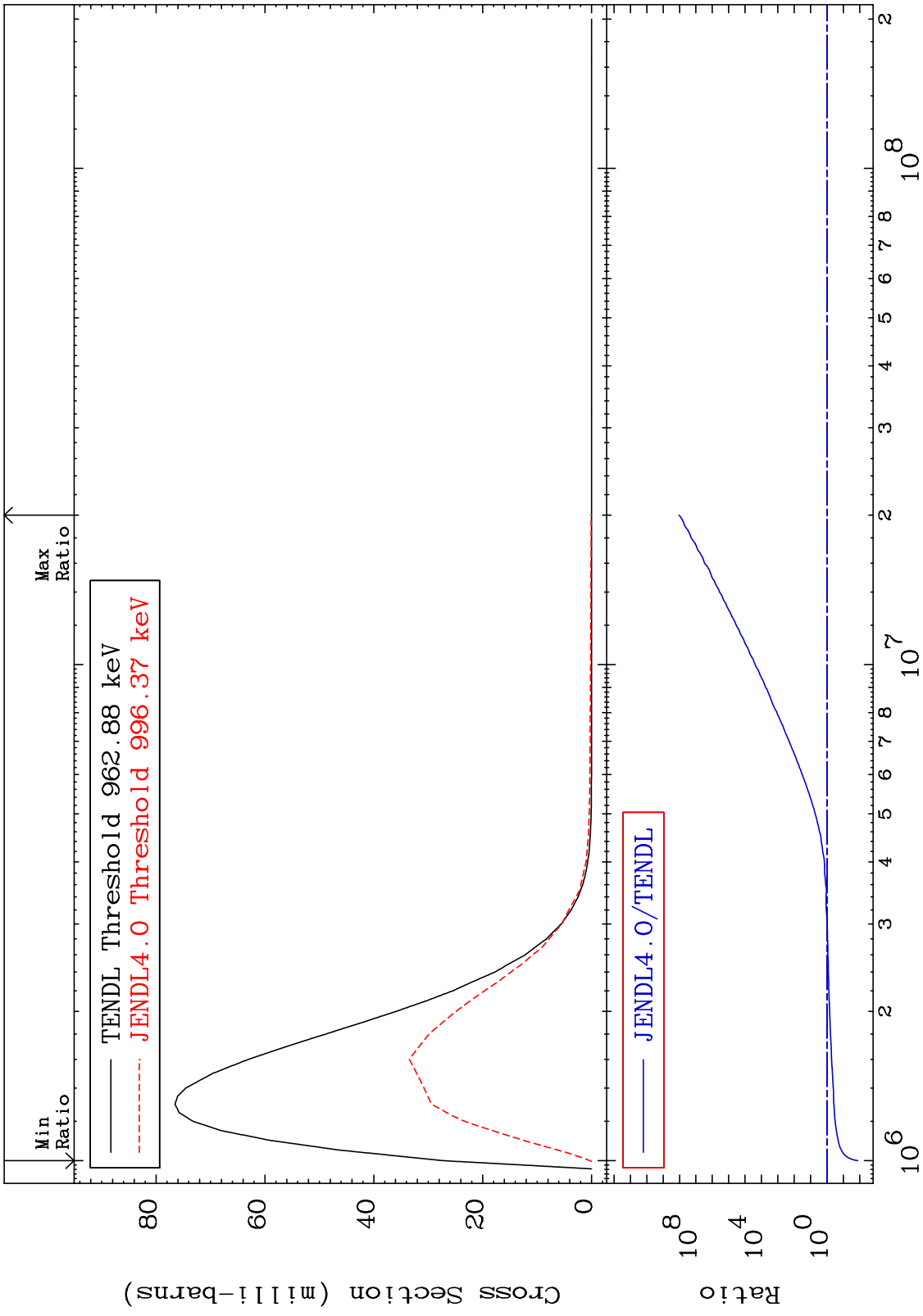
MAT 9440 MT= 61 (n,n') Level Cross Section 94-Pu-240
 -94.53 To -18.71%



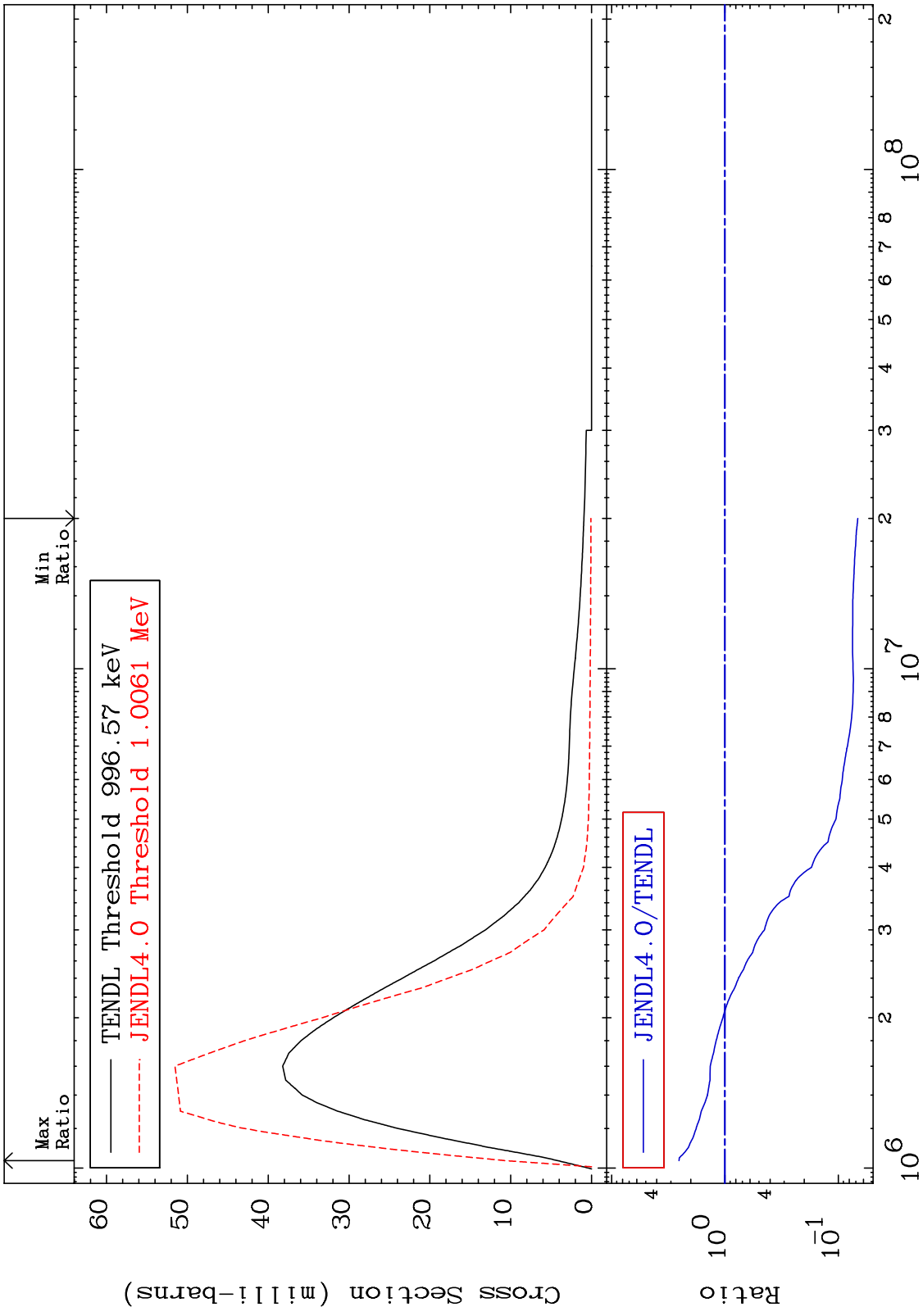
MAT 9440 MT= 62 (n,n') Level Cross Section 94-Pu-240
 -89.67 To 28.00 %



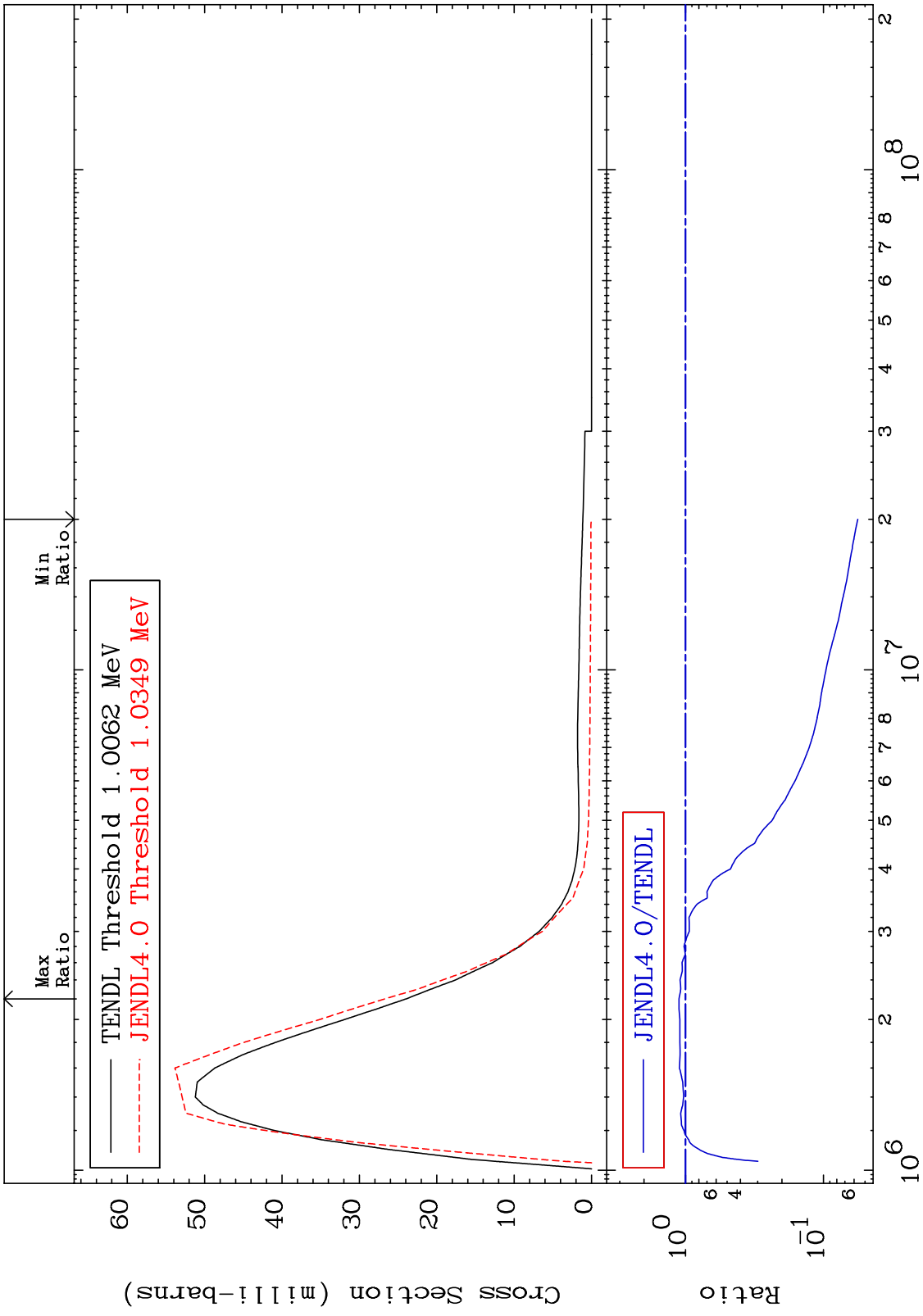
MAT 9440 MT= 63 (n,n') Level Cross Section 94-Pu-240
 -98.69 To 9999. %



MAT 9440 MT= 64 (n,n') Level Cross Section 94-Pu-240 -93.28 To 153.9 %

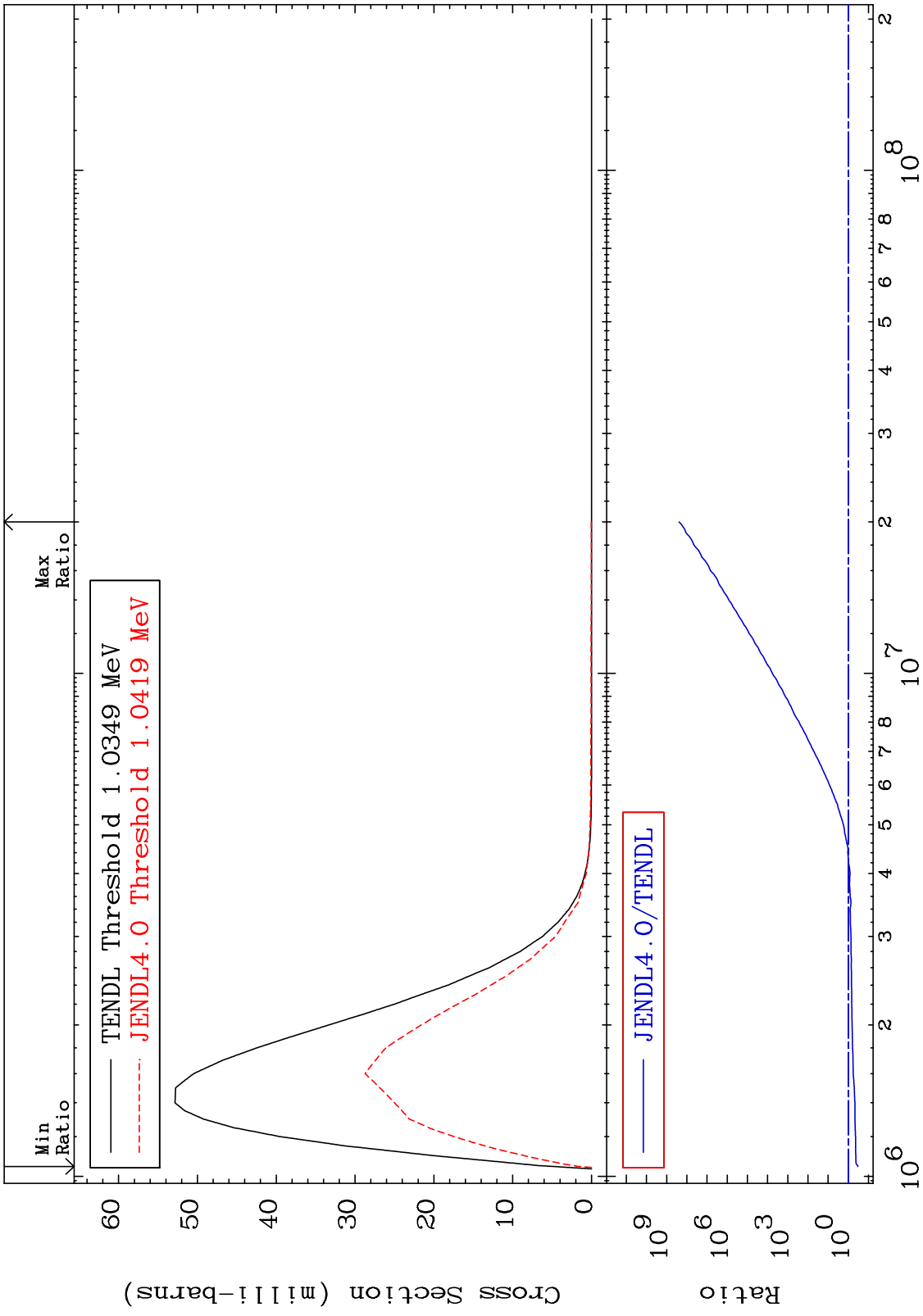


MAT 9440 MT= 65 (n,n') Level Cross Section 94-Pu-240
 -94.36 To 11.44 %

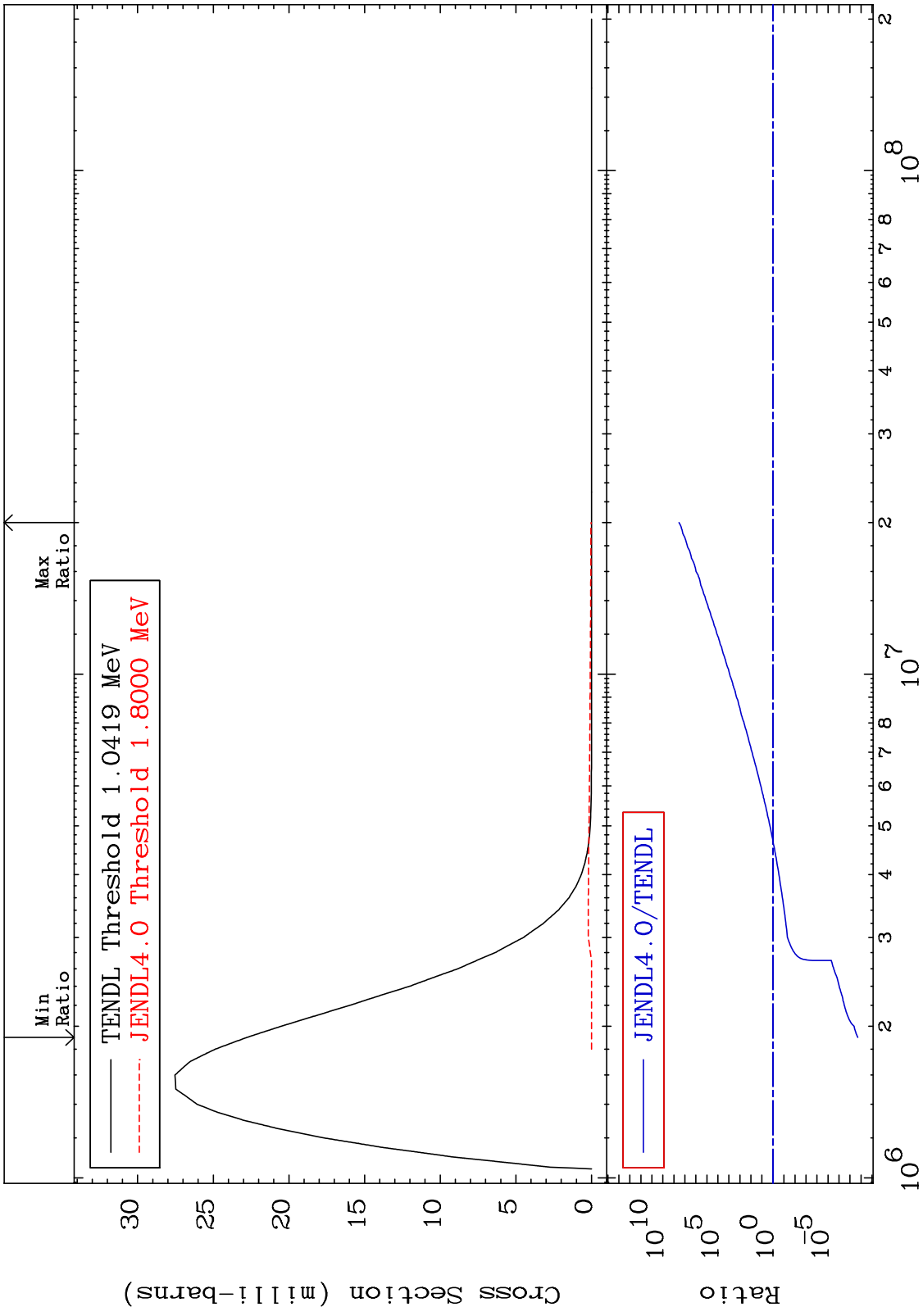


25 Incident Energy (eV) 94-Pu-240

MAT 9440 MT= 66 (n,n') Level Cross Section 94-Pu-240
 -66.18 To 9999. %

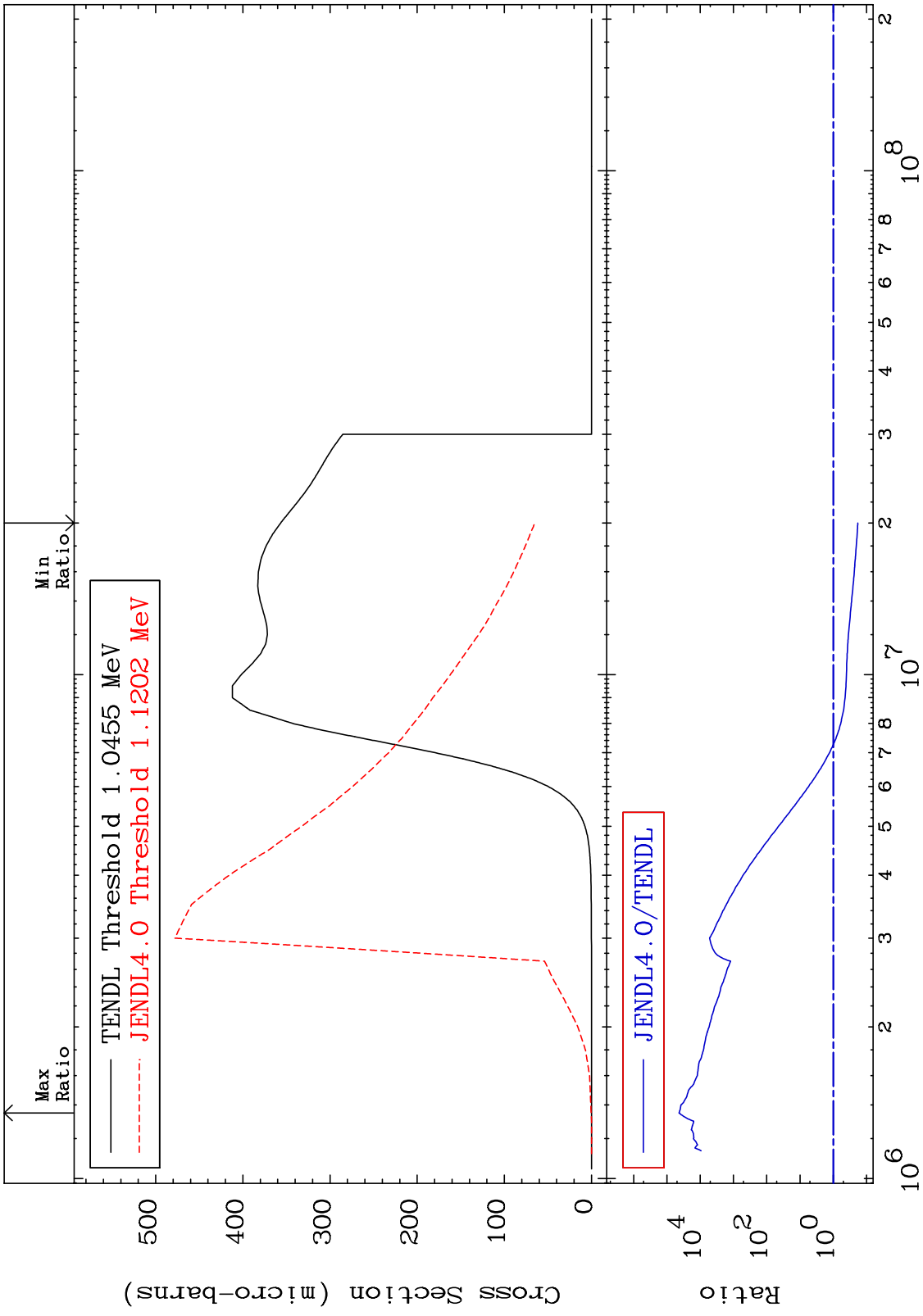


MAT 9440 MT= 67 (n,n') Level Cross Section -100.0 To 9999. % 94-Pu-240

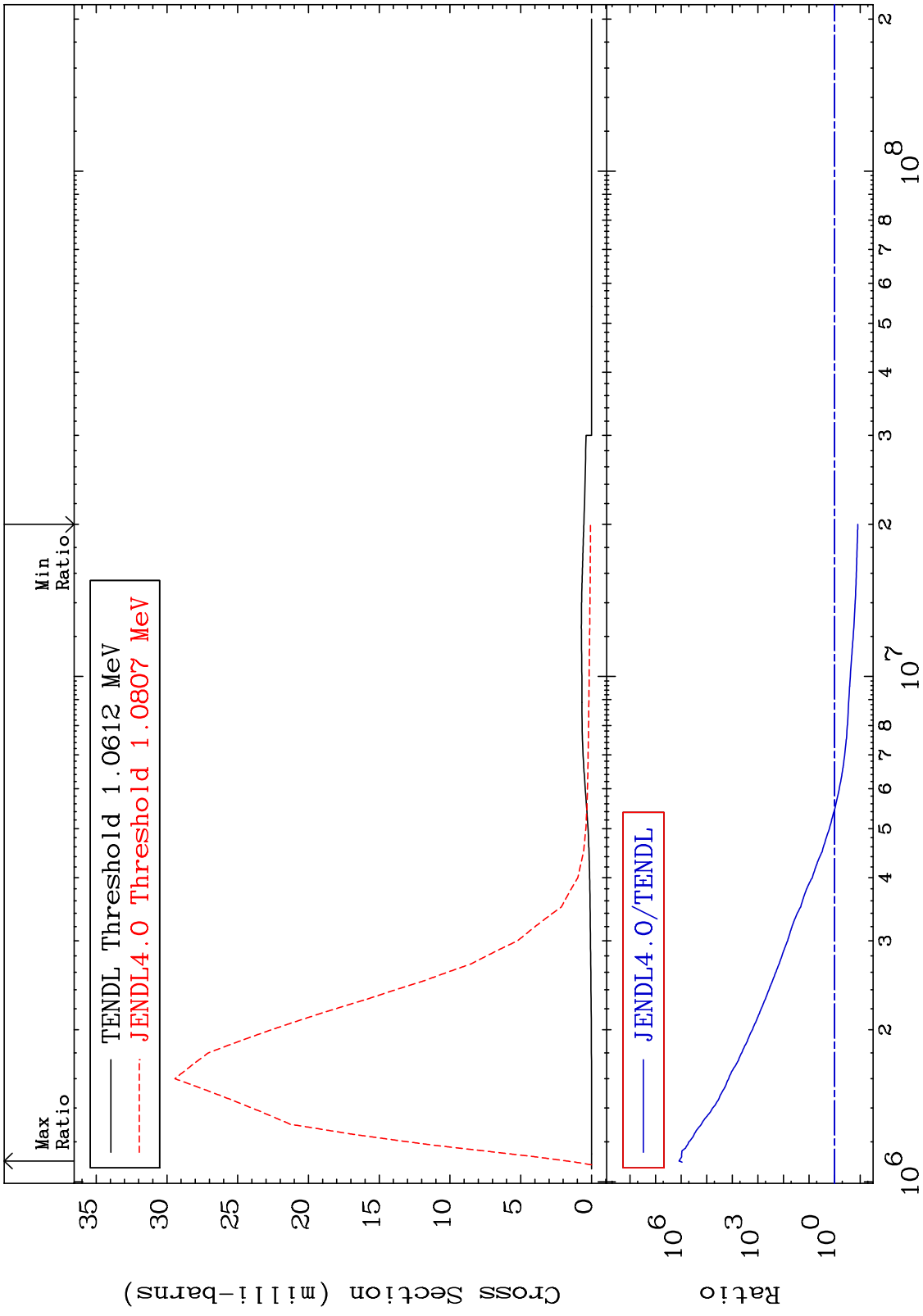


27 94-Pu-240

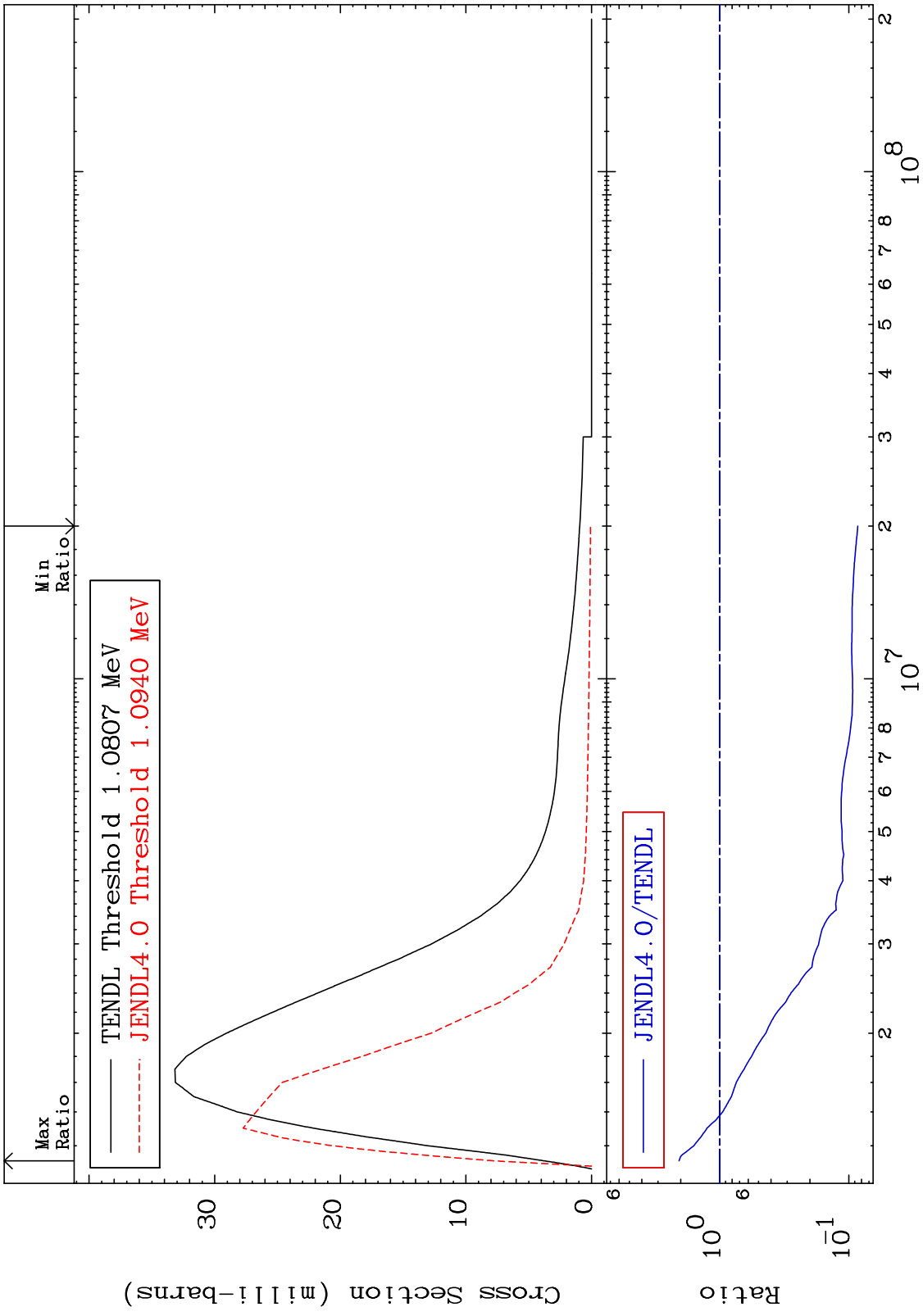
MAT 9440 MT= 68 (n,n') Level Cross Section 94-Pu-240
 -81.76 To 9999. %



MAT 9440 MT= 69 (n,n') Level Cross Section 94-Pu-240
 -87.70 To 9999. %



MAT 9440 MT= 70 (n,n') Level Cross Section 94-Pu-240 -91.47 To 106.0 %

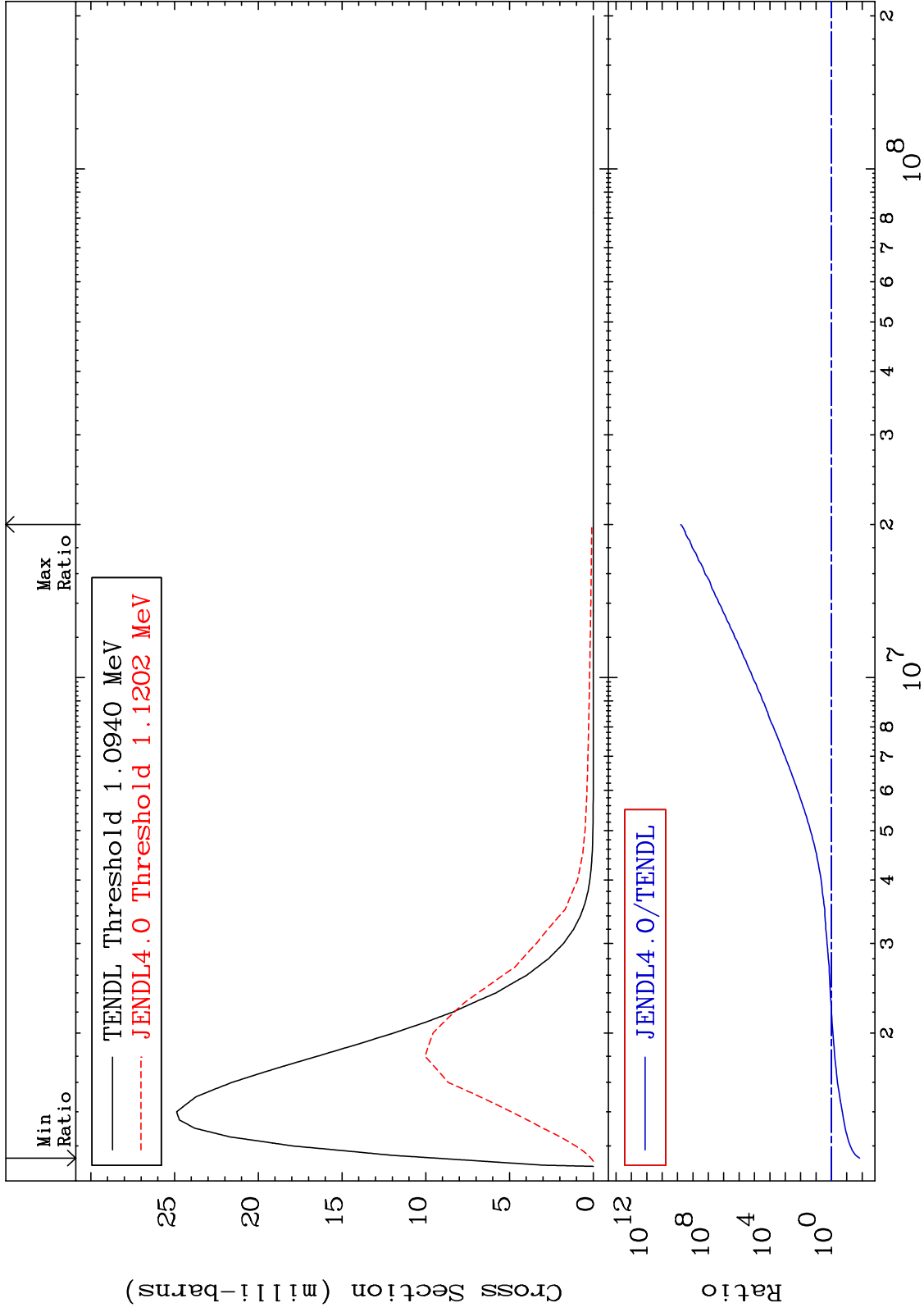


30 Incident Energy (eV) 94-Pu-240

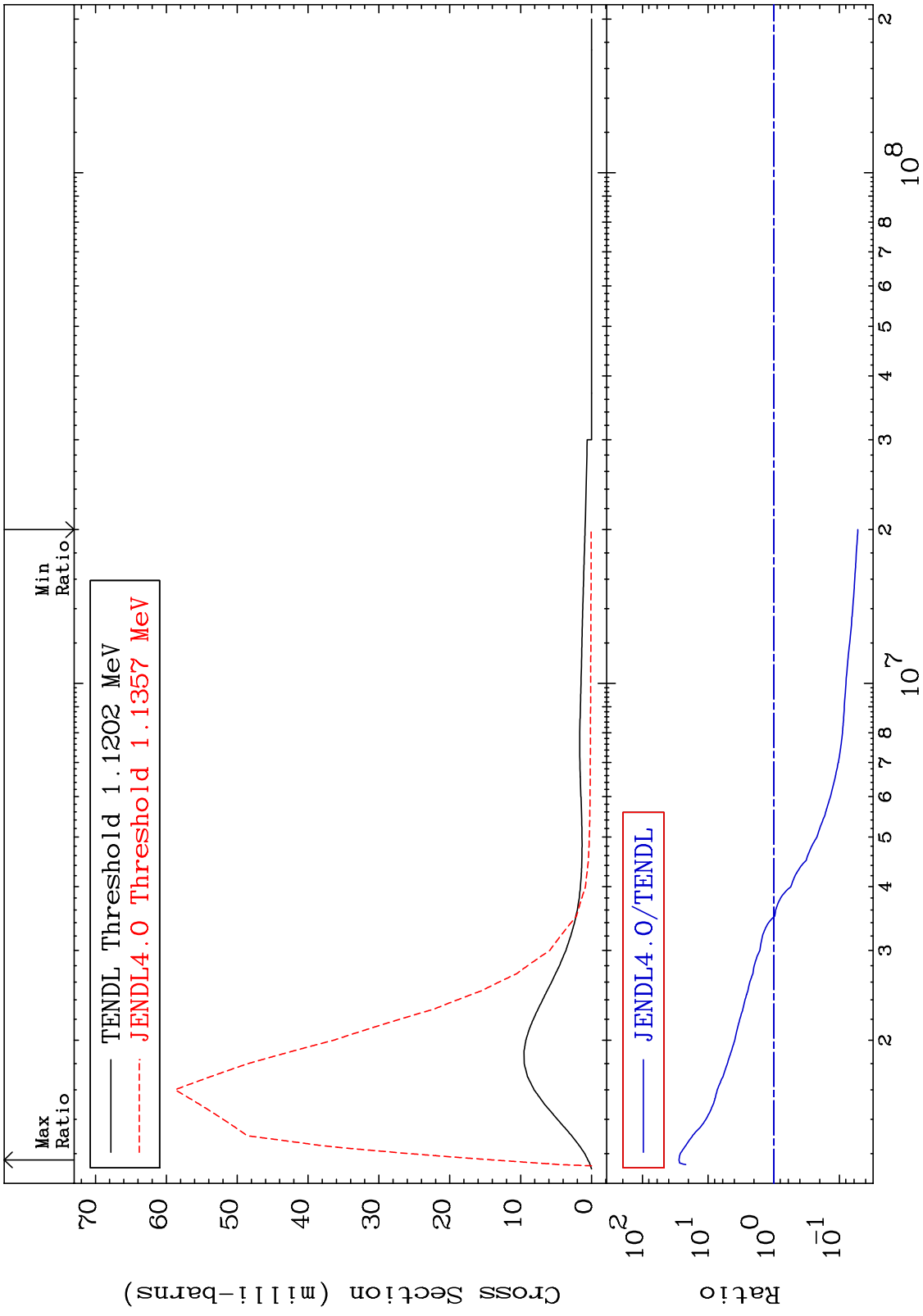
MAT 9440

MT= 71 (n,n') Level
Cross Section

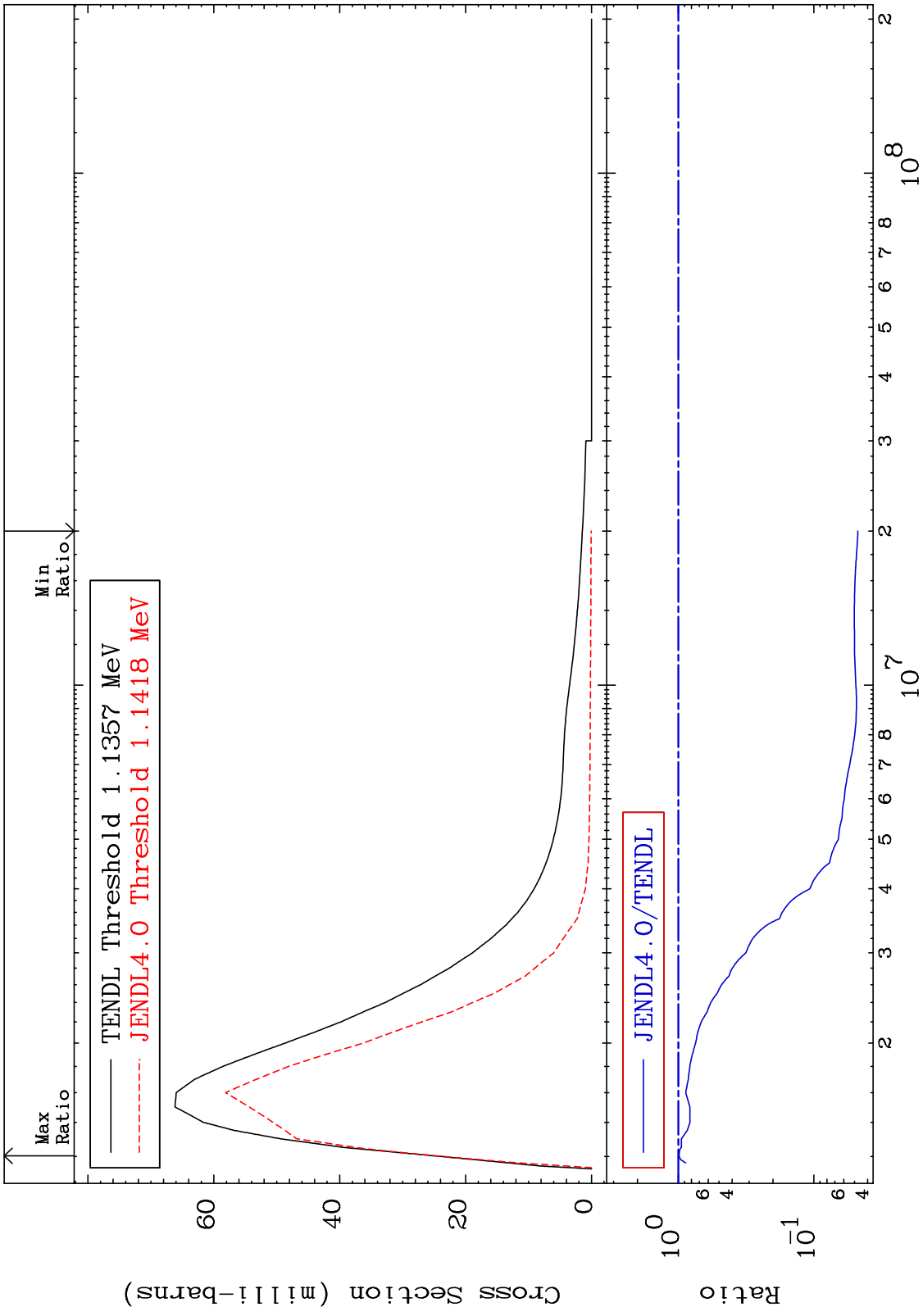
94-Pu-240
-98.54 To 9999. %



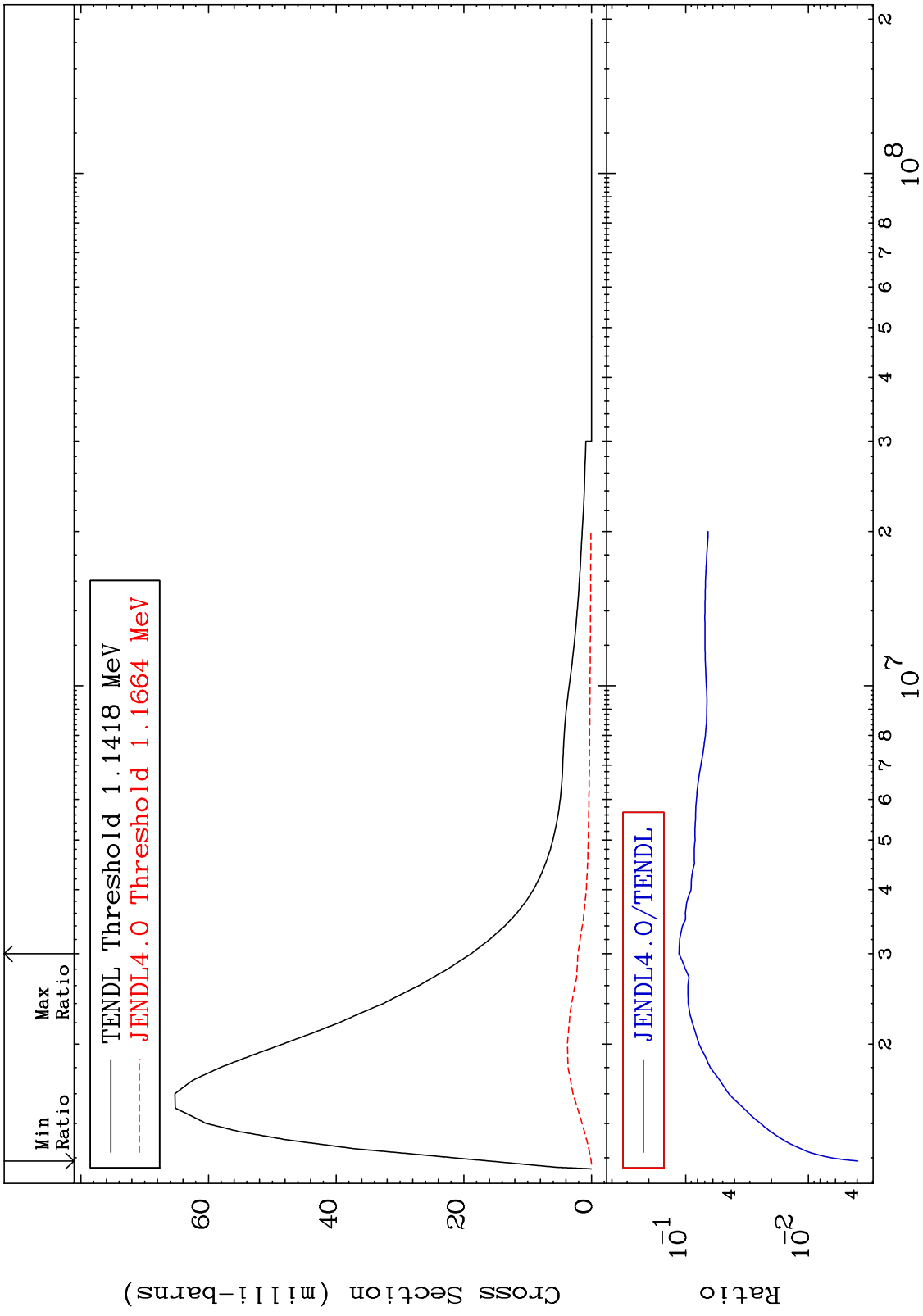
MAT 9440 MT= 72 (n,n') Level Cross Section 94-Pu-240
 -94.75 To 2674. %



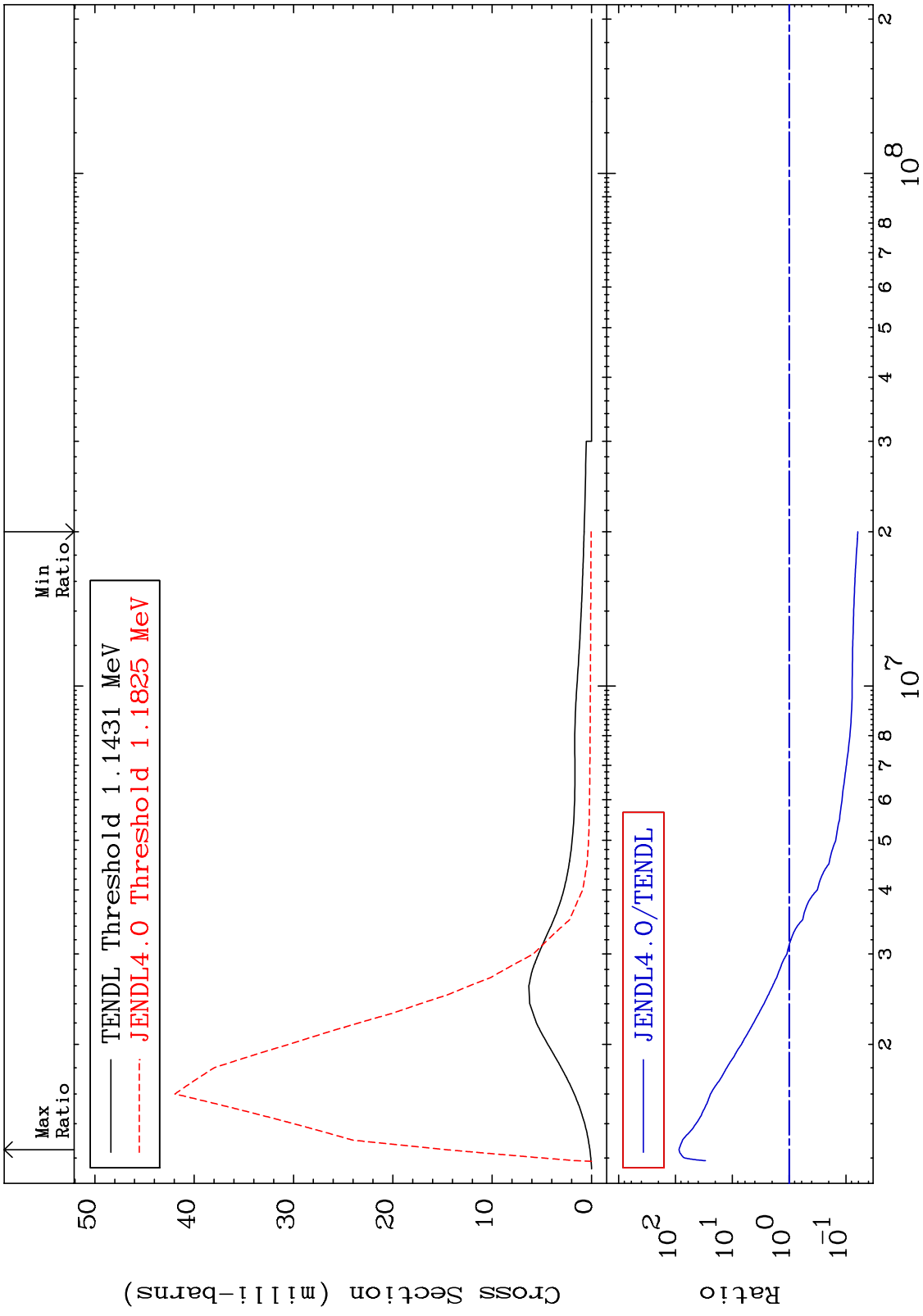
MAT 9440 MT= 73 (n,n') Level Cross Section 94-Pu-240 -95.27 To -1.301%



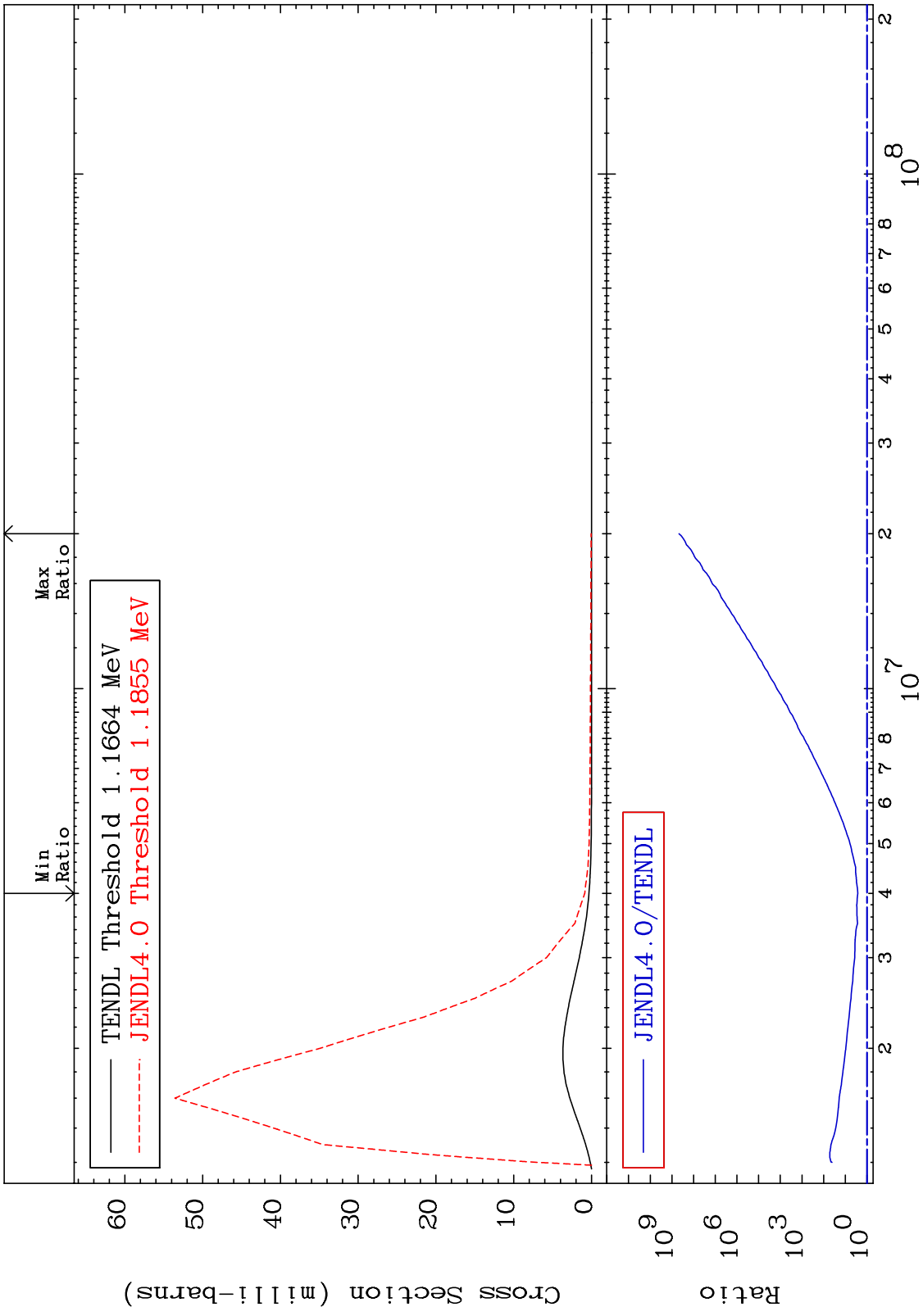
MAT 9440 MT= 74 (n,n') Level 94-Pu-240
 Cross Section -99.60 To -88.67%



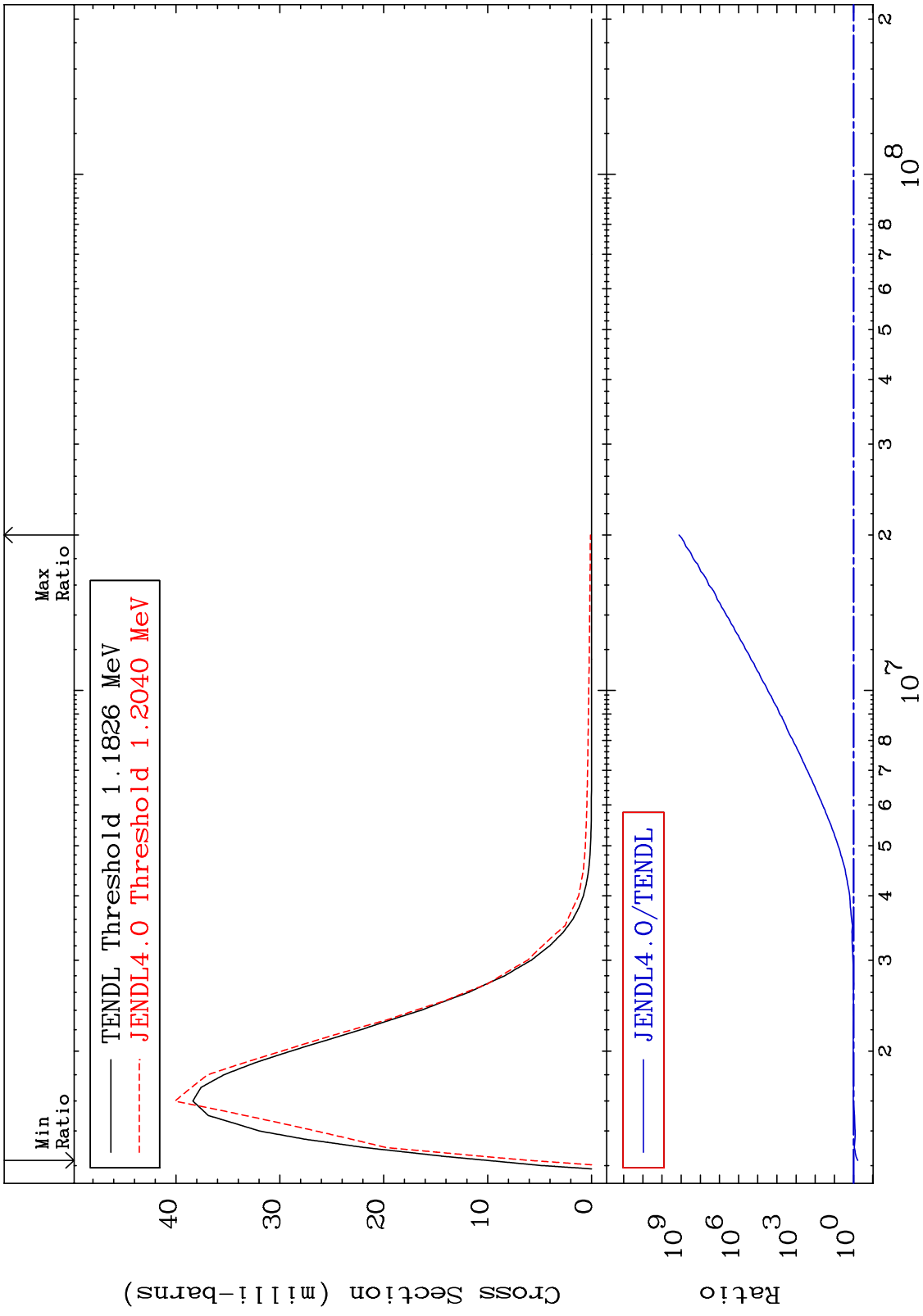
MAT 9440 MT= 75 (n,n') Level Cross Section 94-Pu-240 -93.84 To 8573. %



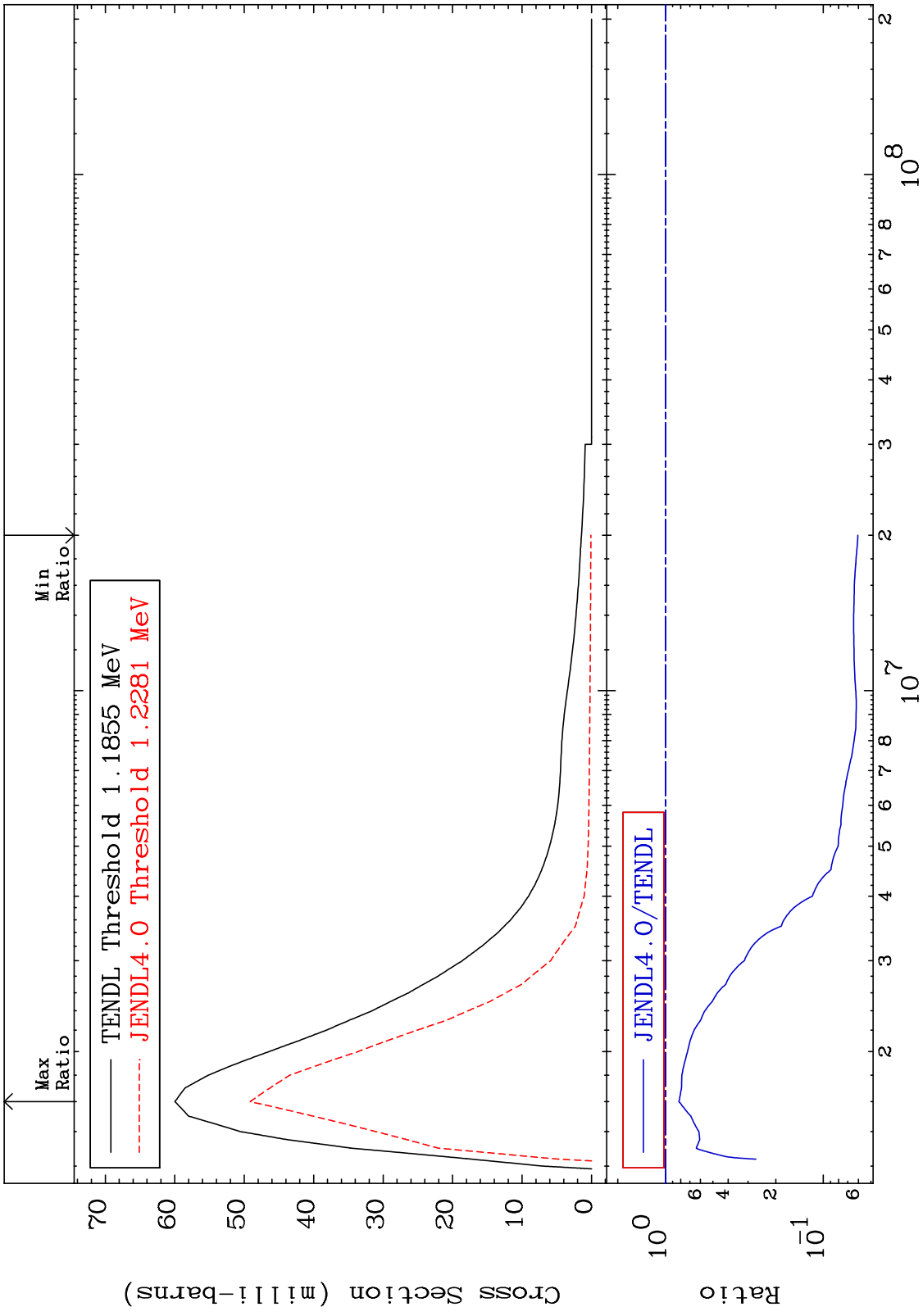
MAT 9440 MT= 76 (n,n') Level Cross Section 94-Pu-240
 164.3 To 9999. %



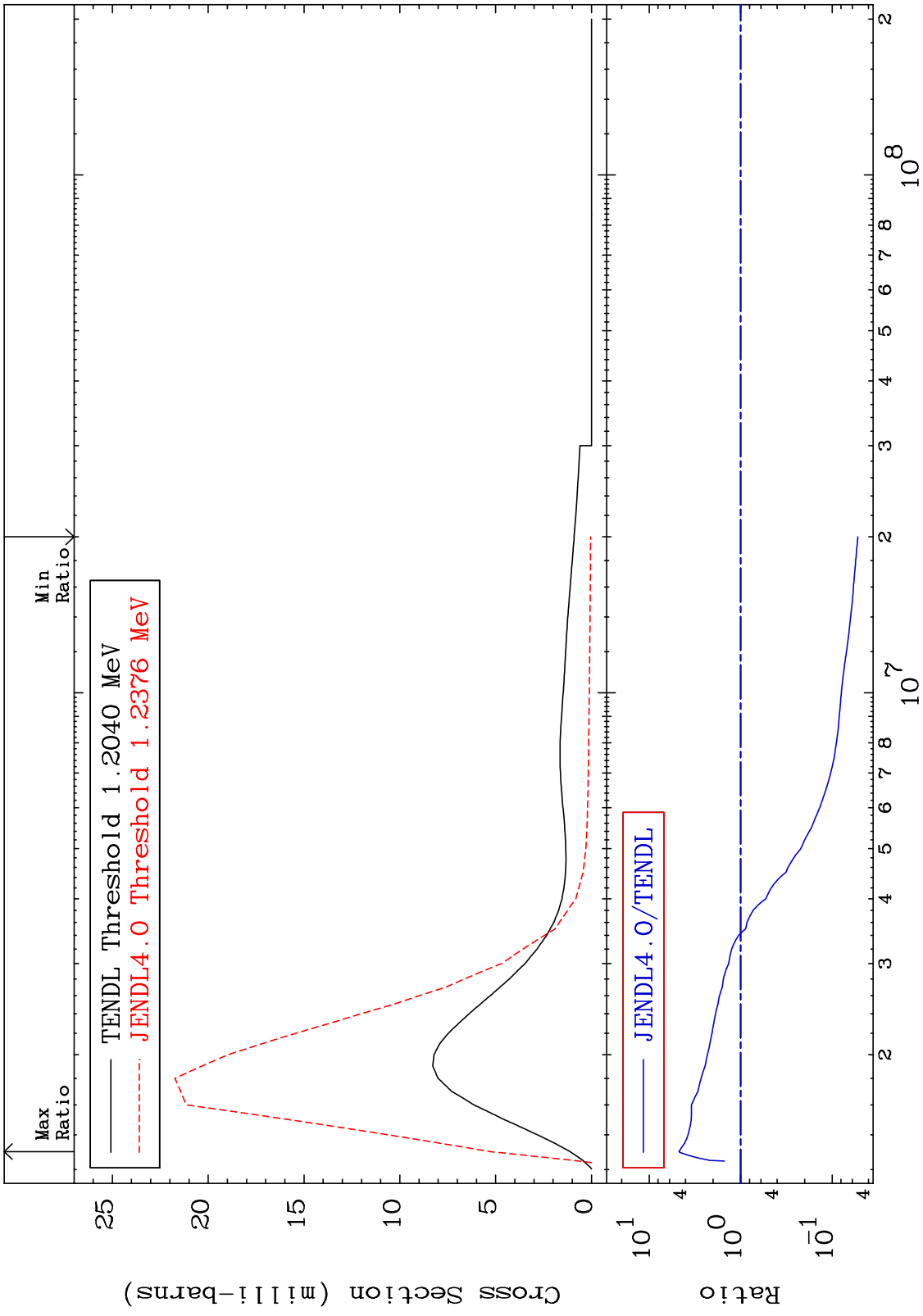
MAT 9440 MT= 77 (n,n') Level Cross Section 94-Pu-240
 -40.24 To 9999. %



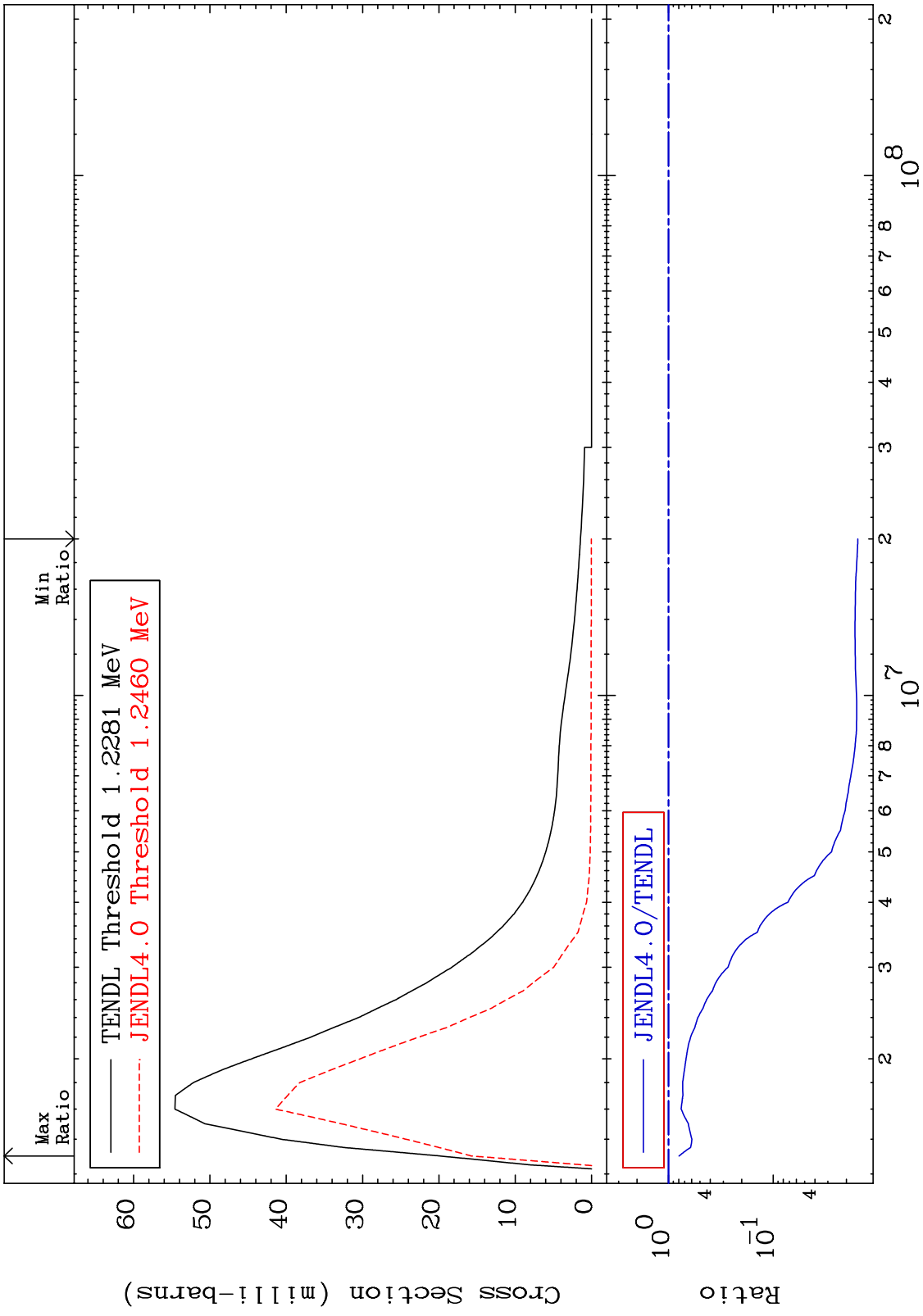
MAT 9440 MT= 78 (n,n') Level Cross Section 94-Pu-240 -93.95 To -18.04%



MAT 9440 MT= 79 (n,n') Level Cross Section 94-Pu-240
 -94.76 To 371.9 %

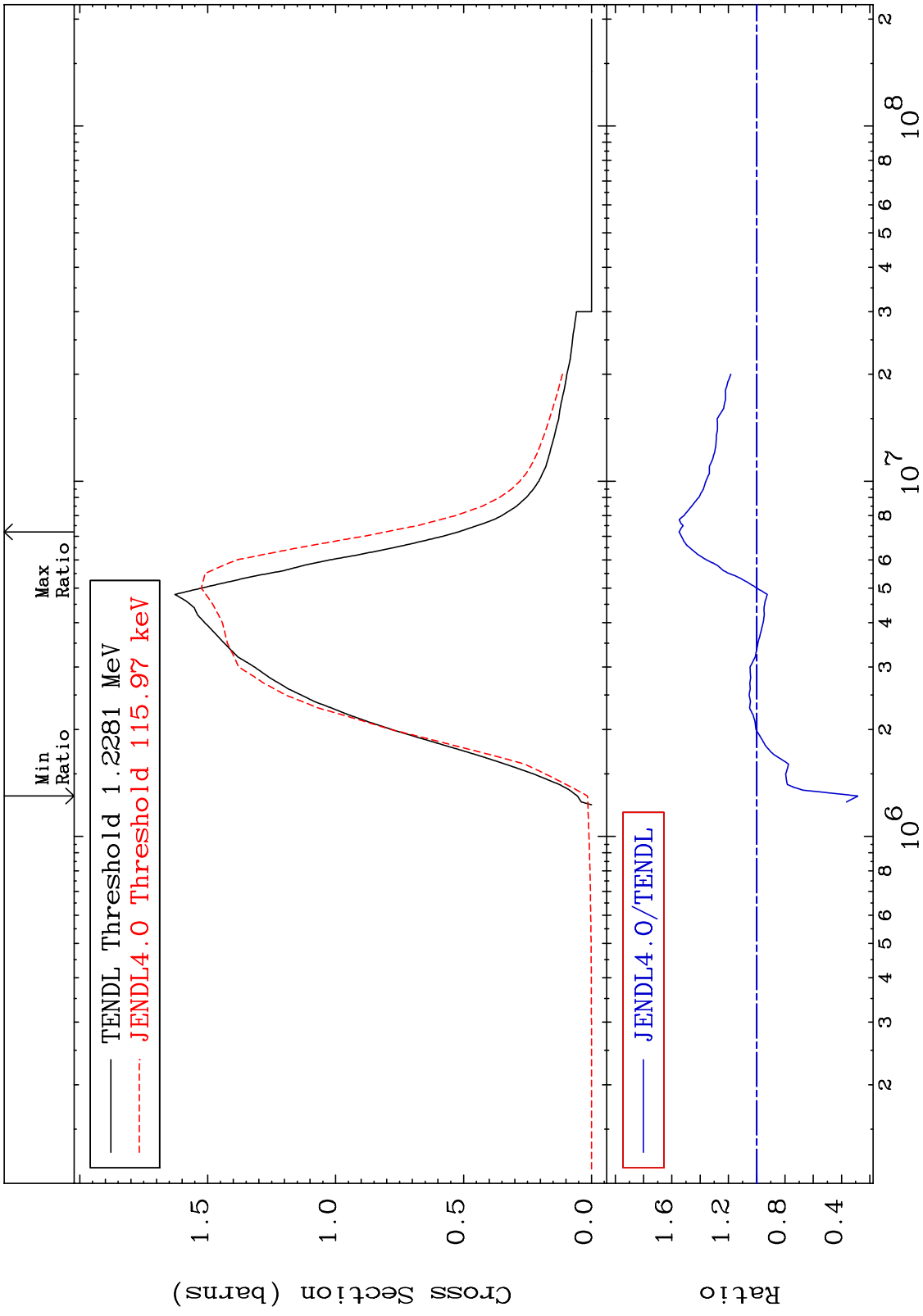


MAT 9440 MT= 80 (n,n') Level Cross Section 94-Pu-240 -98.45 To -20.65%

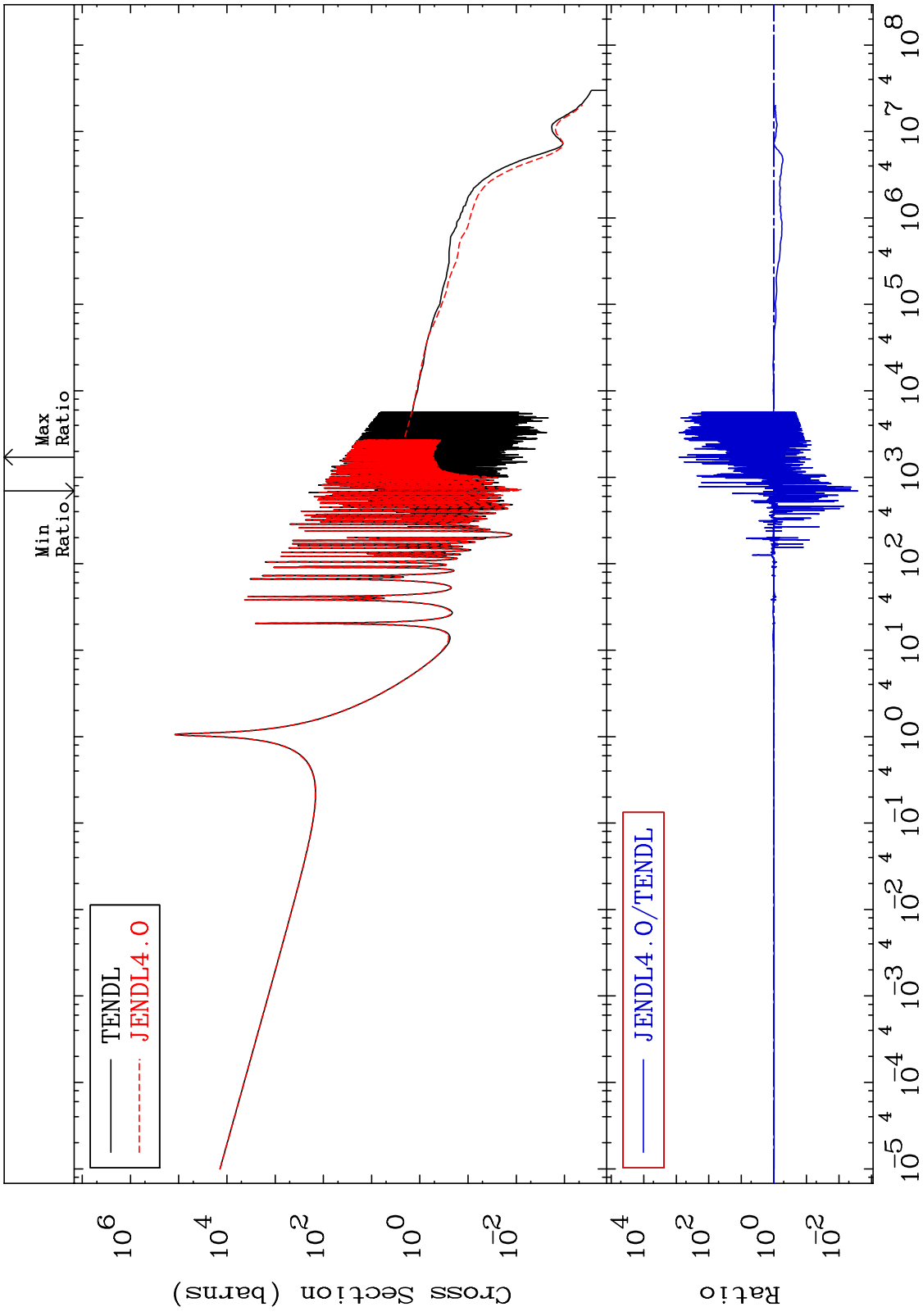


40 94-Pu-240

MAT 9440 94-Pu-240
-71.51 To 54.91 %
 (n, n') Continuum Cross Section

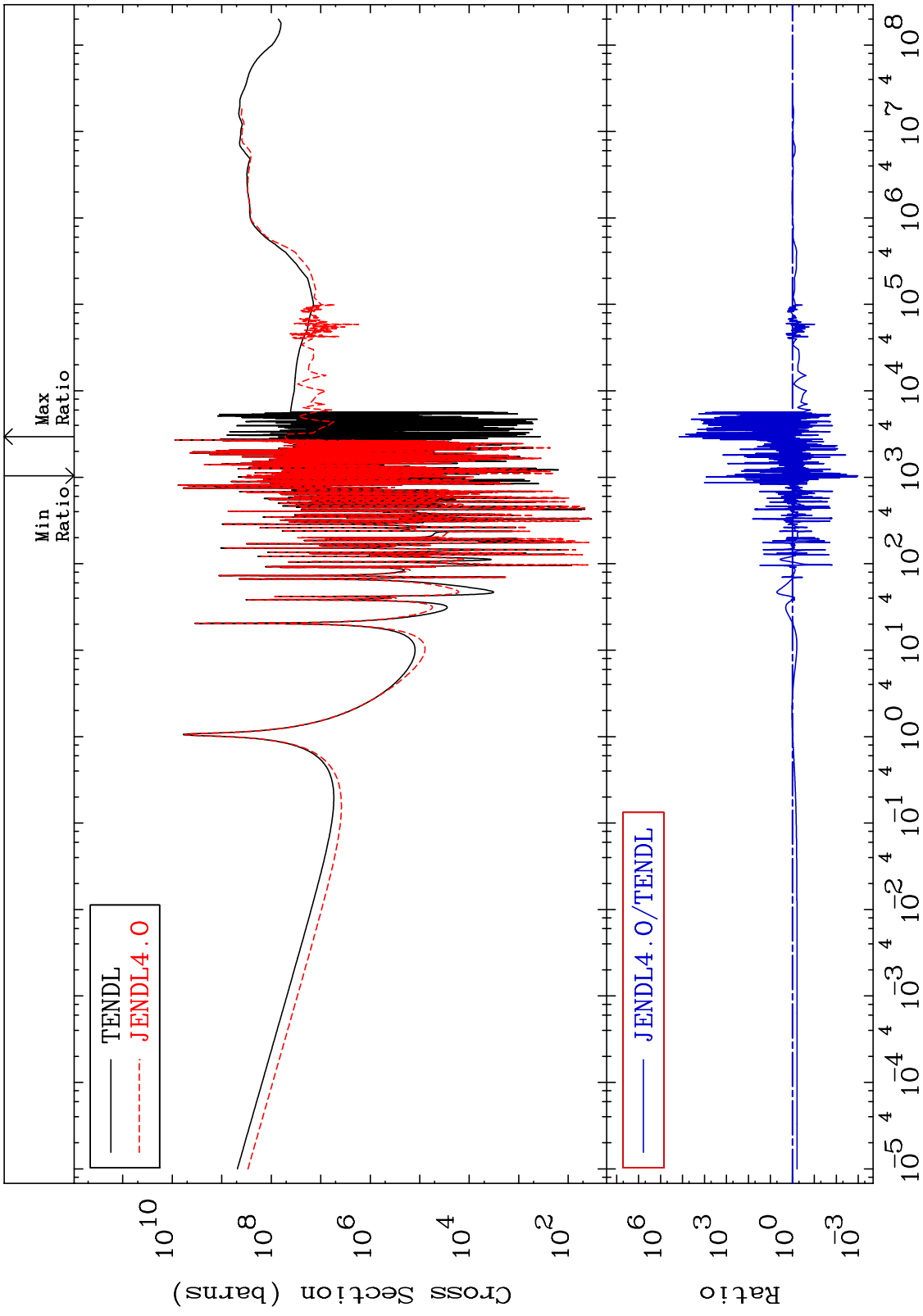


MAT 9440 94-Pu-240
-99.73 To 9999. %
 (n, γ)
 Cross Section



42 94-Pu-240

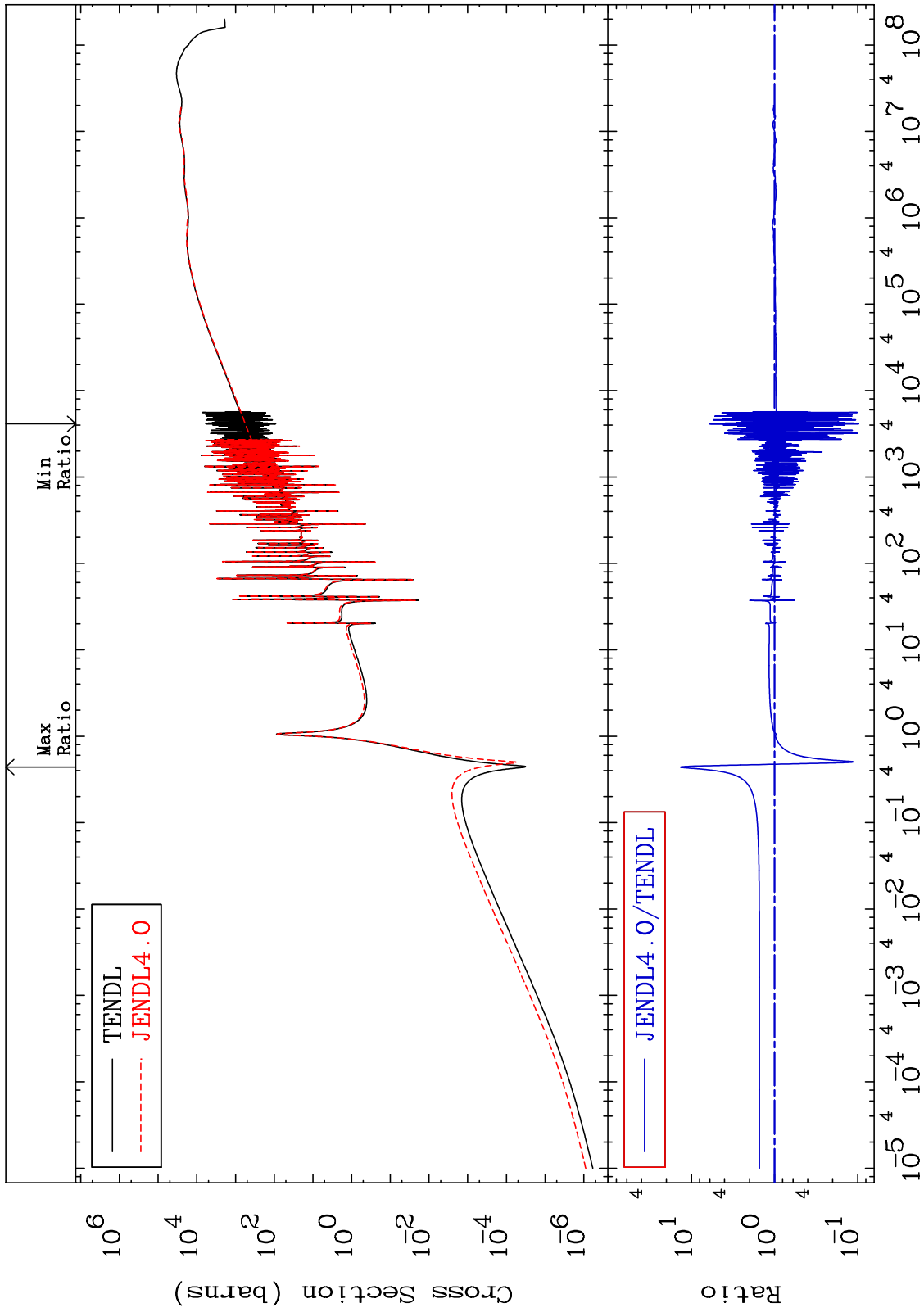
MAT 9440 Kerma total (eV-barns) 94-Pu-240
Cross Section -99.90 To 9999. %



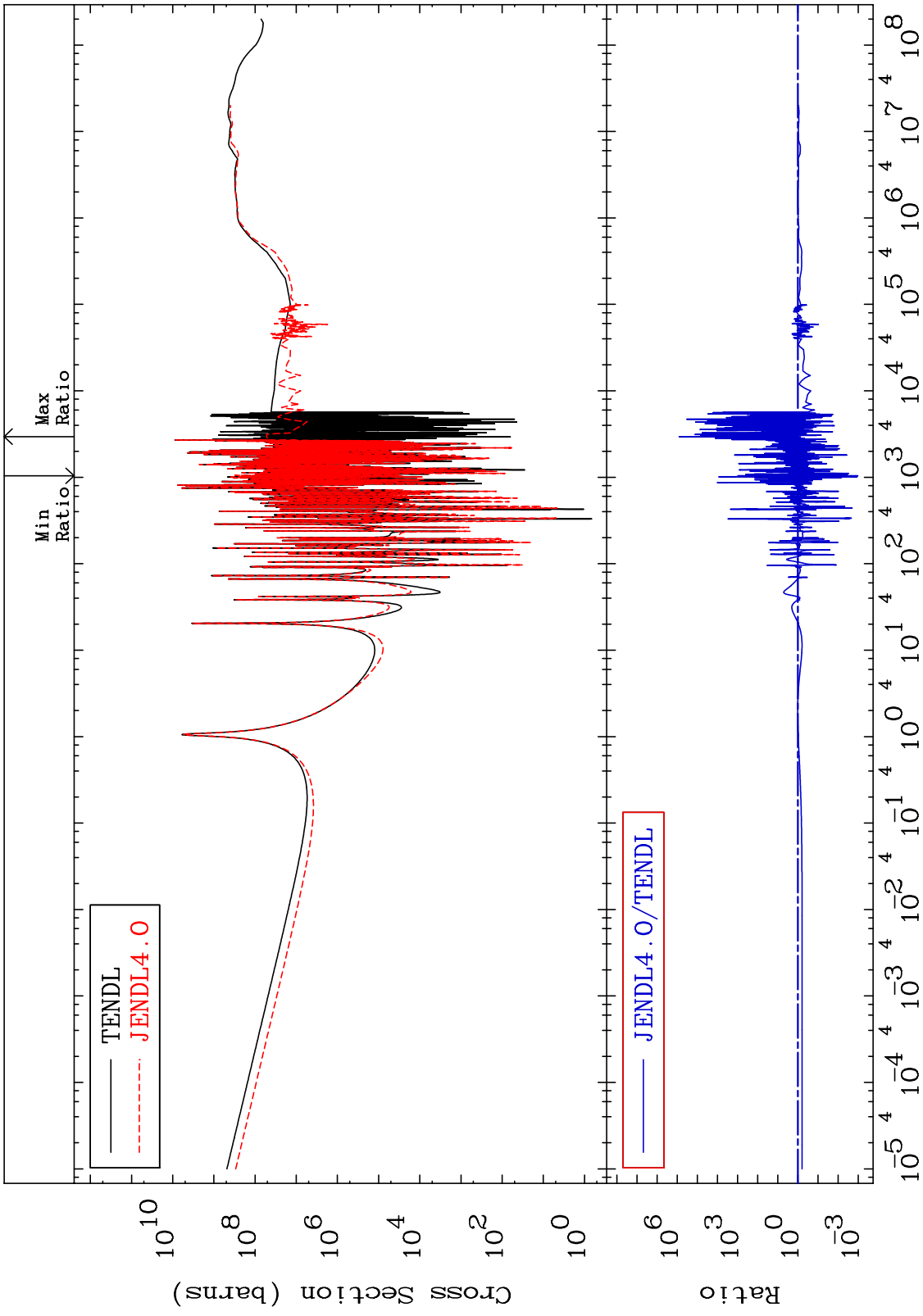
MAT 9440

Kerma elastic
Cross Section

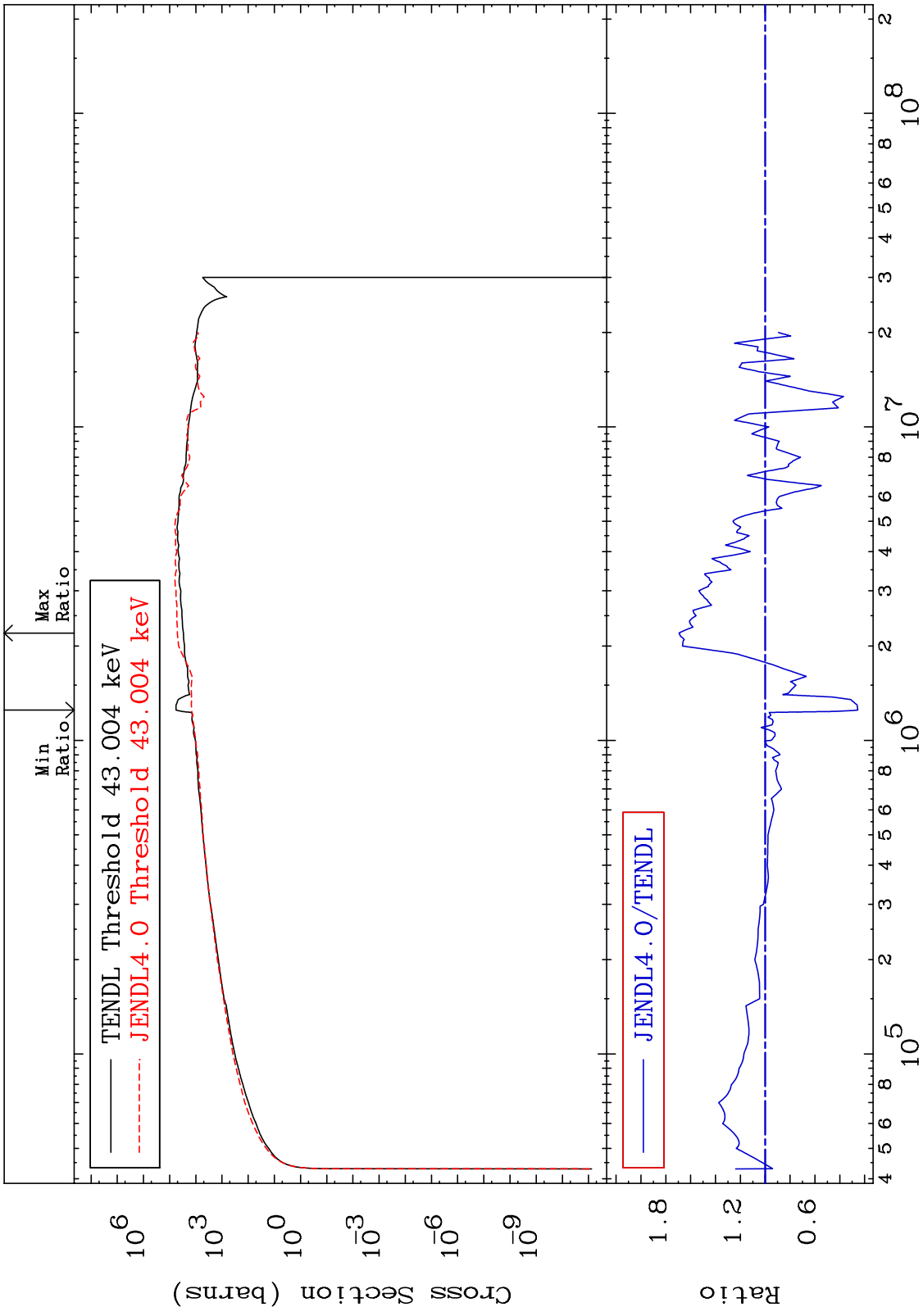
94-Pu-240
-90.33 To 1266. %



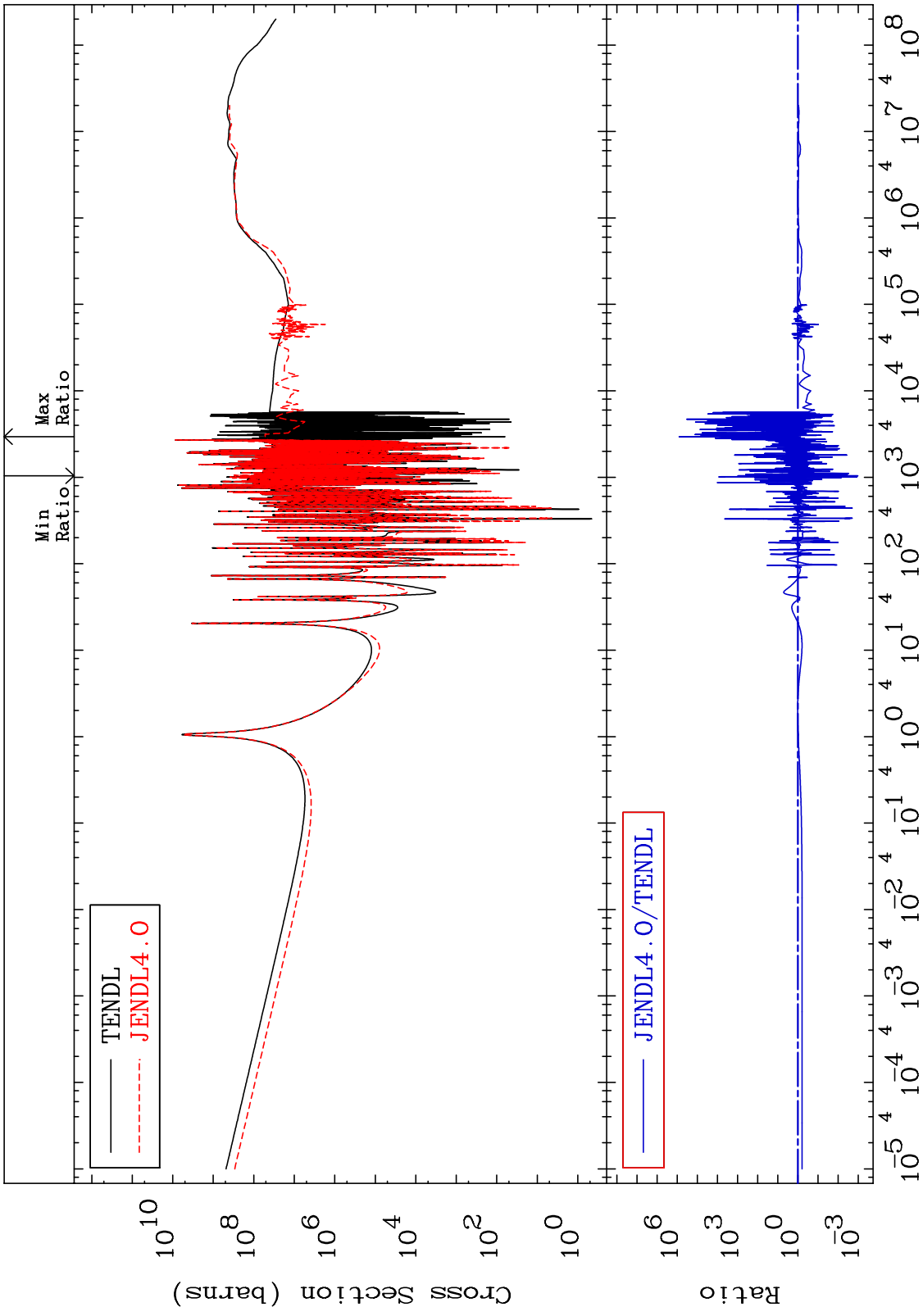
MAT 9440 Kerma non-elastic (all but mt2) 94-Pu-240
 Cross Section -99.90 To 9999. %



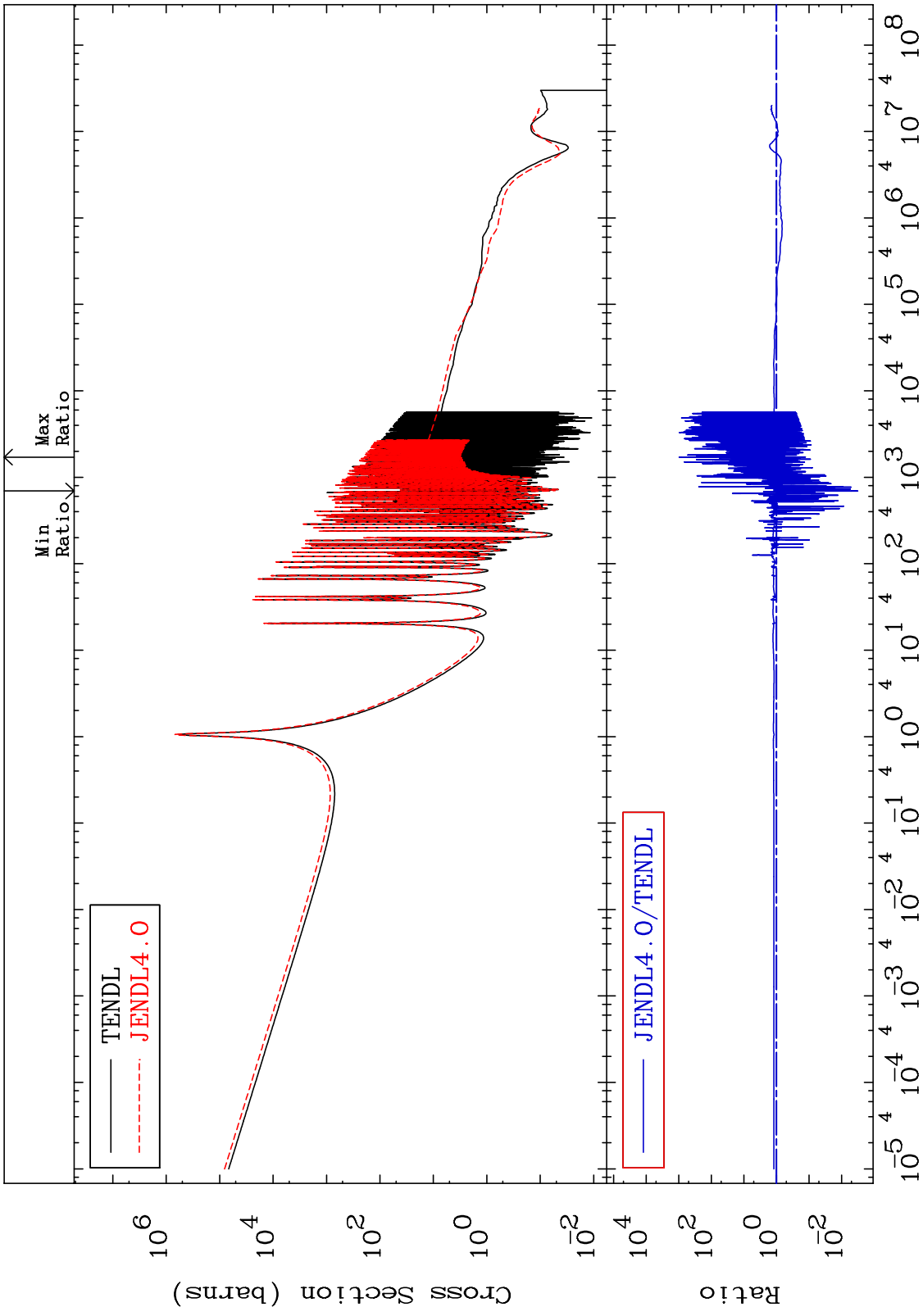
MAT 9440 Kerma inelastic (mt51-91) 94-Pu-240
 Cross Section -74.54 To 69.33 %



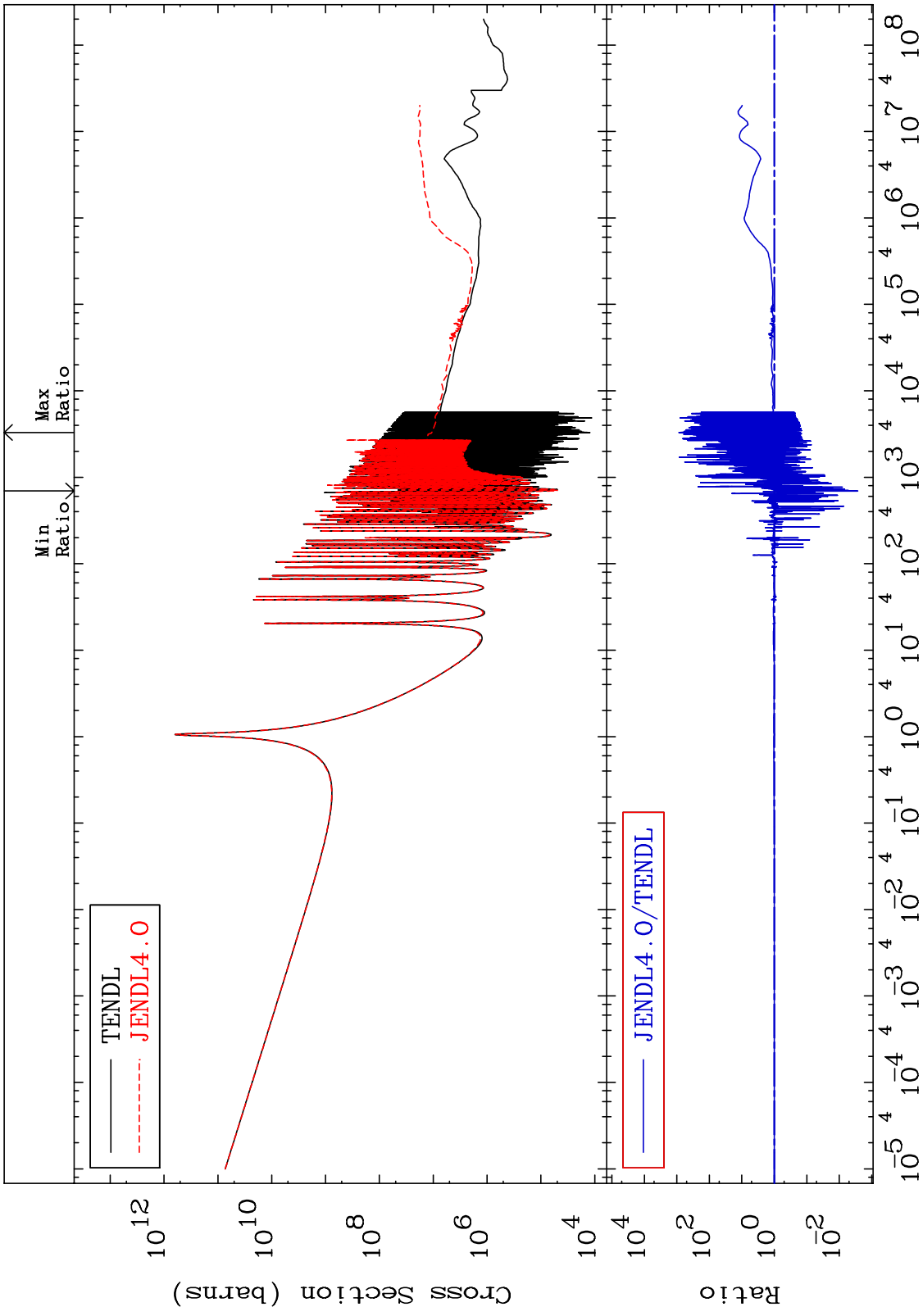
MAT 9440 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-240
 Cross Section -99.90 To 9999. %



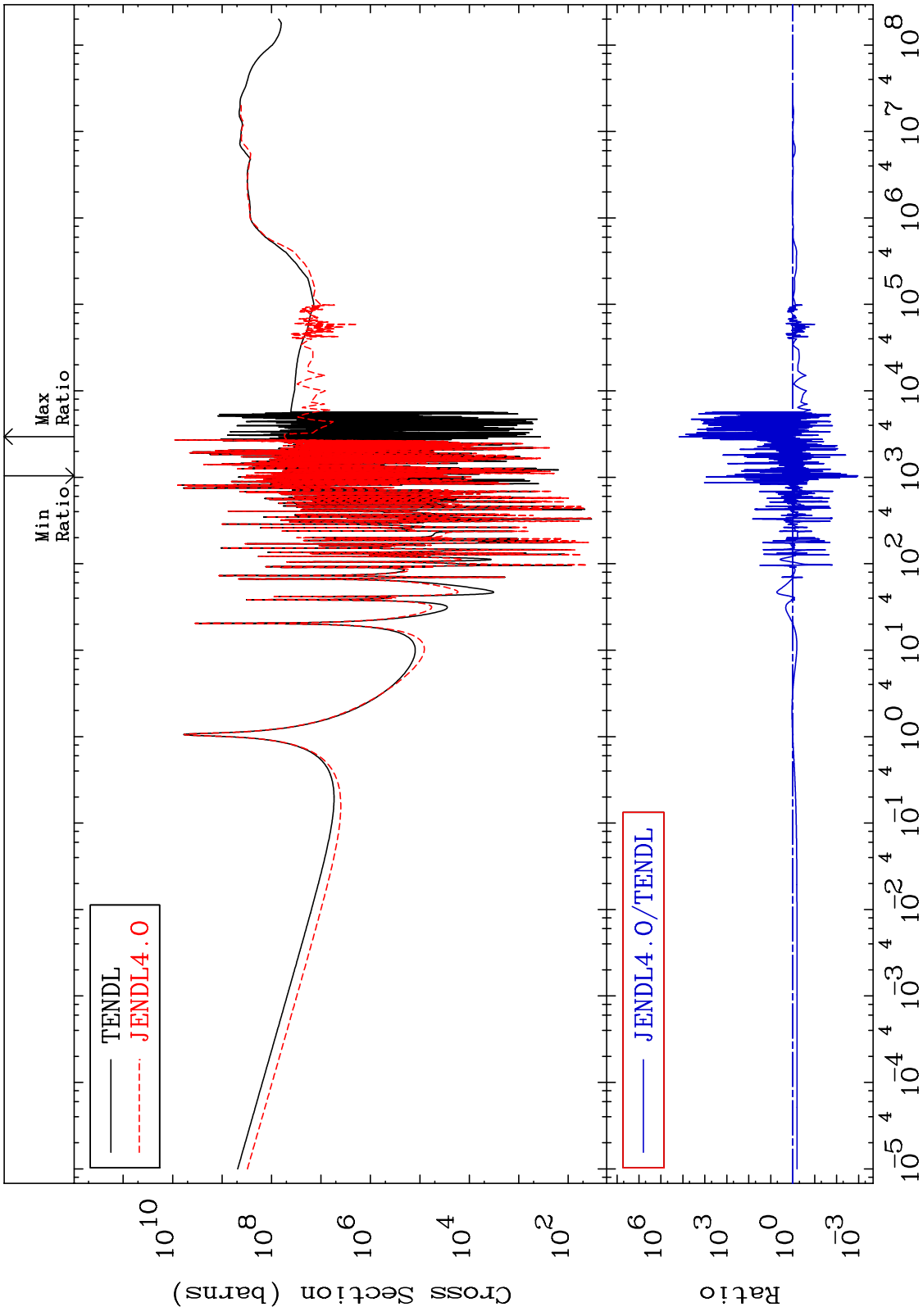
MAT 9440 Kerma capture (mt102) 94-Pu-240
 Cross Section -99.68 To 9999. %



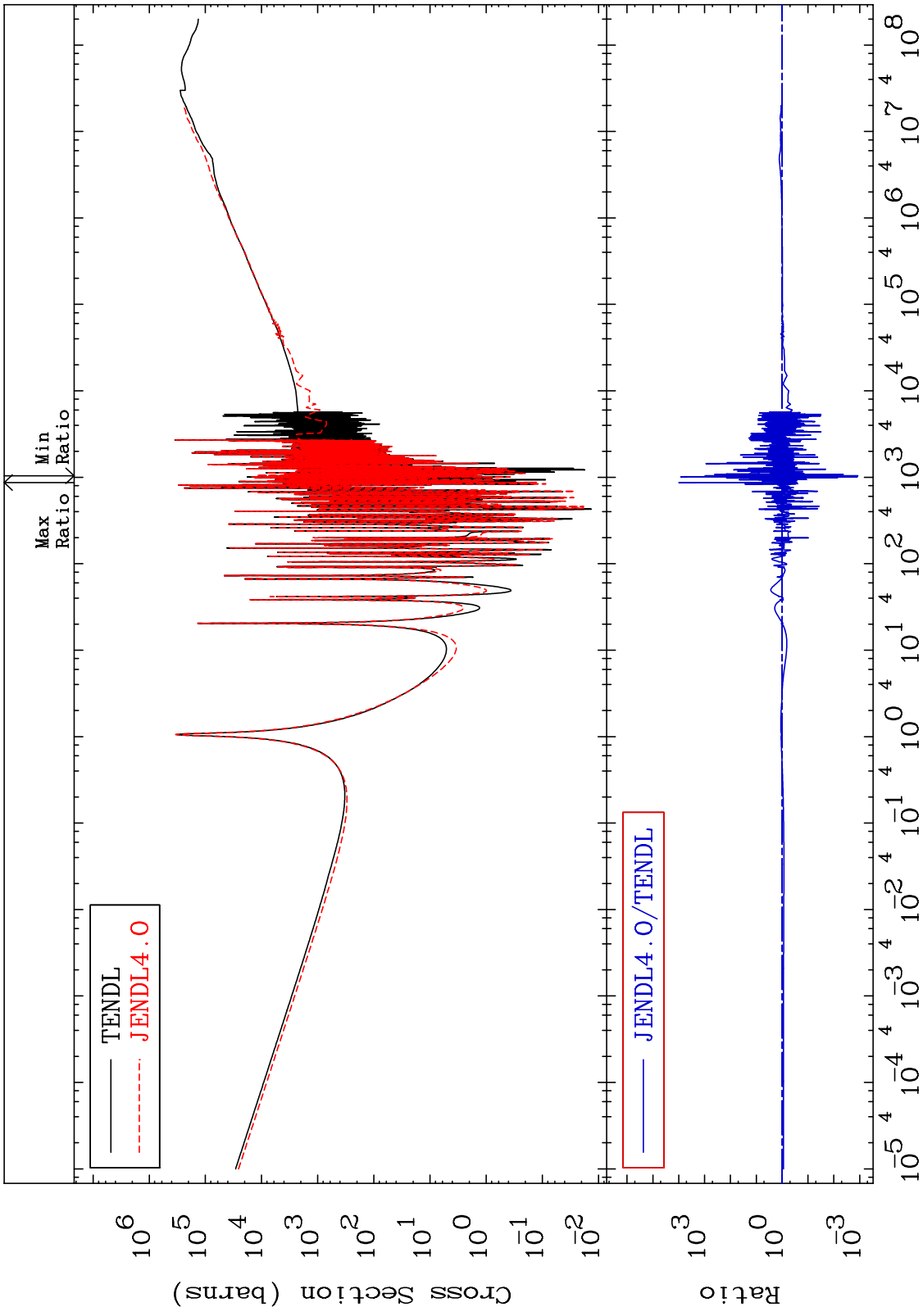
MAT 9440 94-Pu-240
 Total photon (eV-barns) -99.73 To 9999. %
 Cross Section



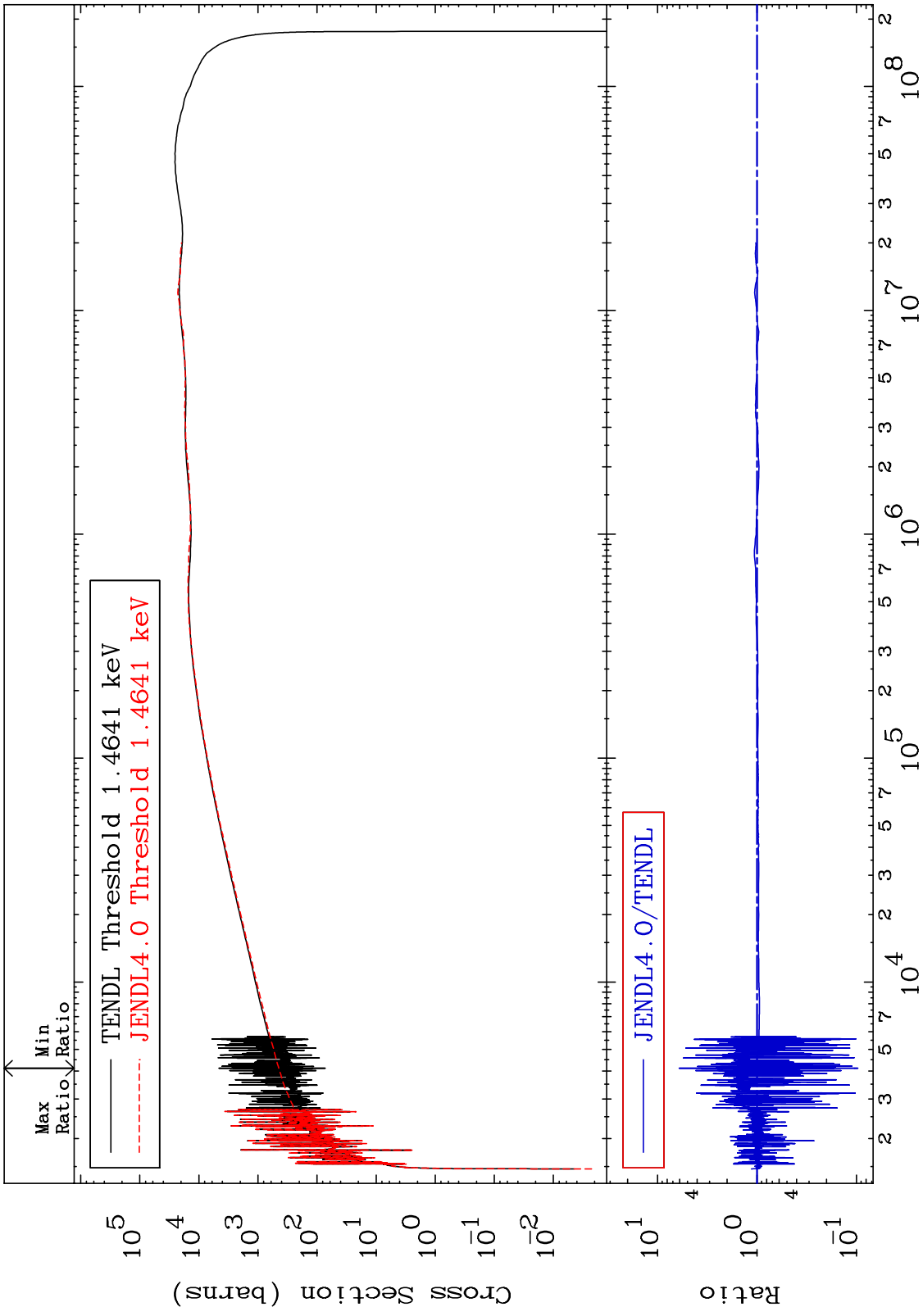
MAT 9440 Total kinematic kerma (high limit) 94-Pu-240
 Cross Section -99.89 To 9999. %



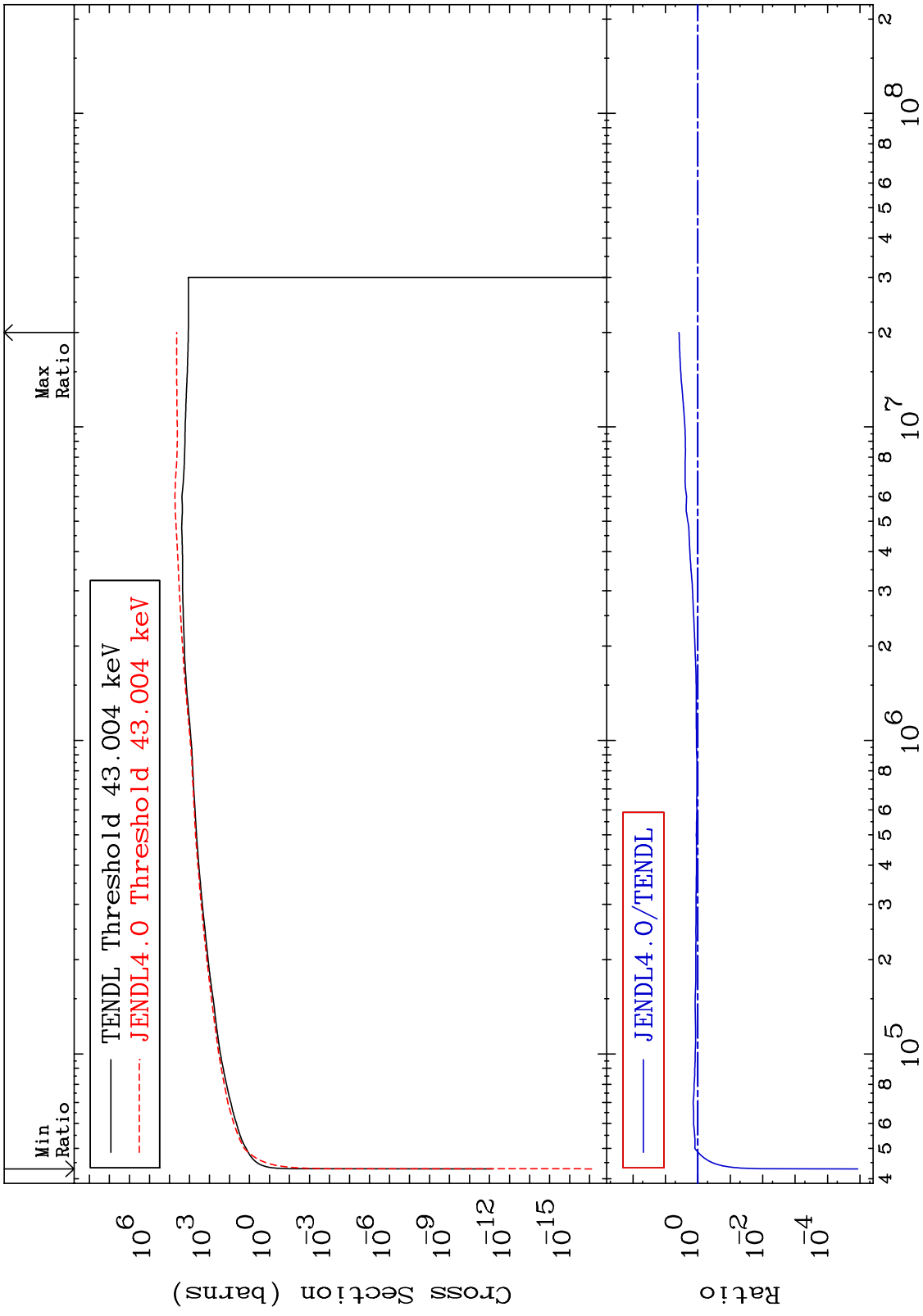
MAT 9440 Dpa total (eV-barns) 94-Pu-240
 Cross Section -99.88 To 9999. %



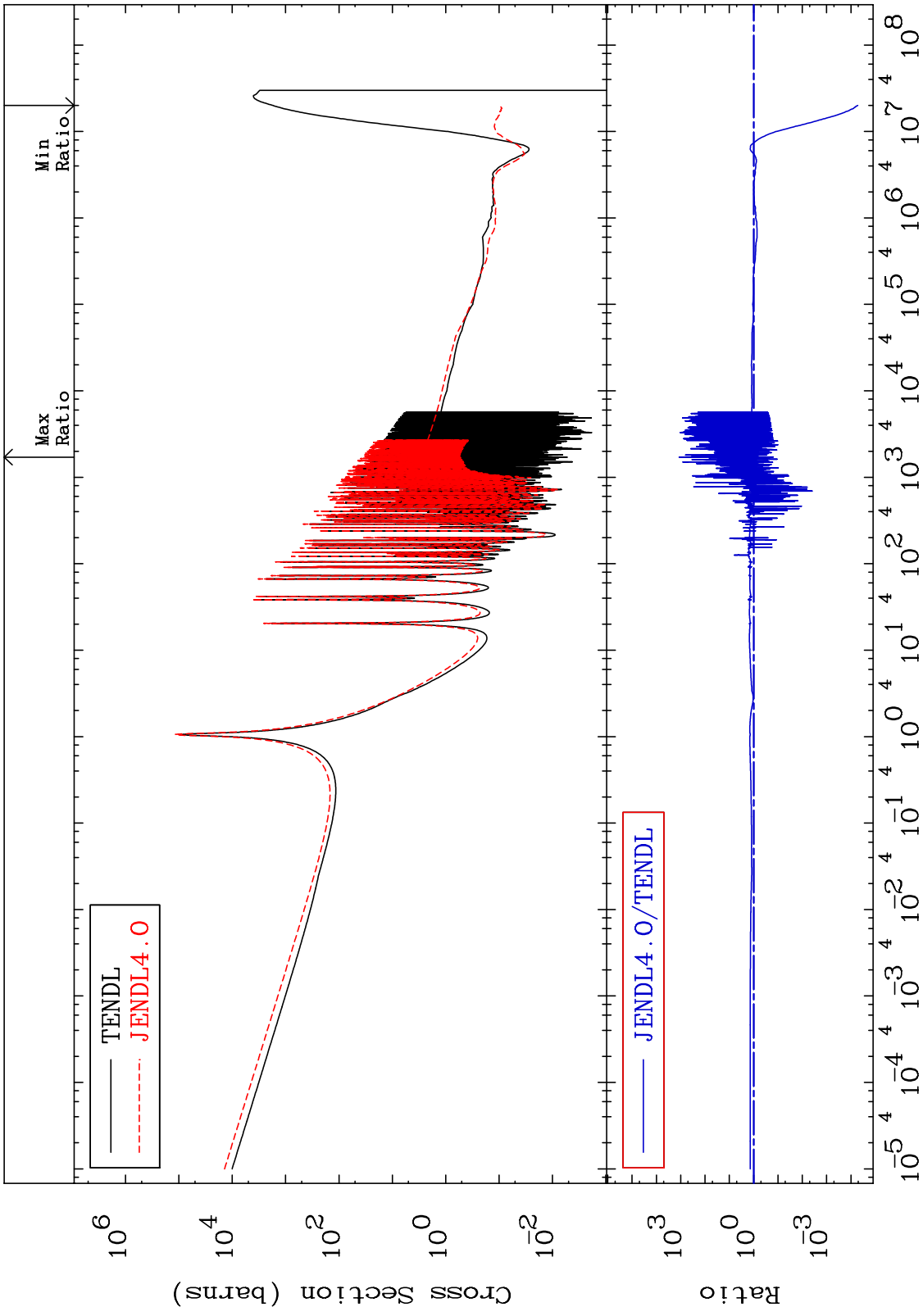
MAT 9440 94-Pu-240
 Dpa elastic (mt2) -90.31 To 508.1 %
 Cross Section



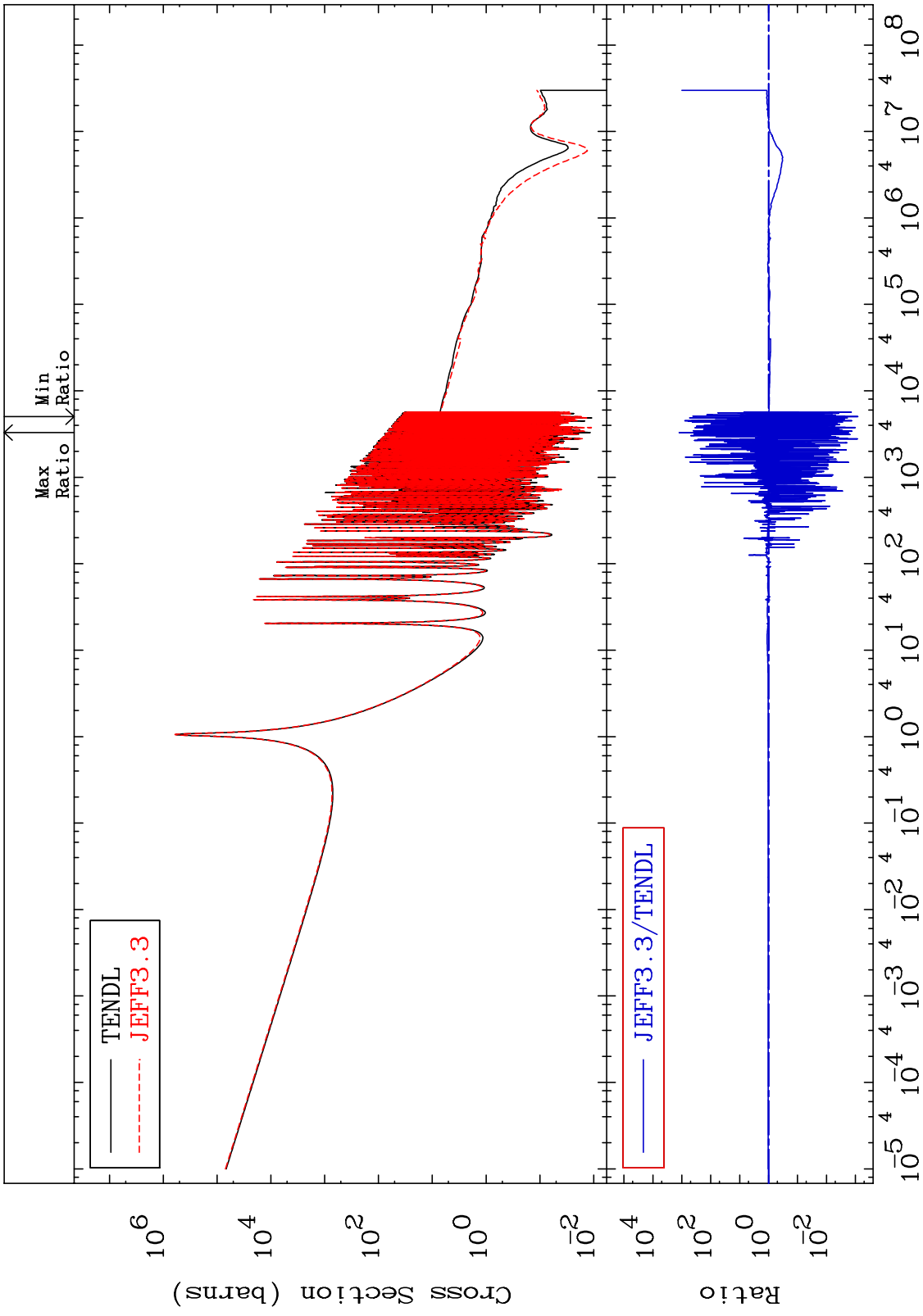
MAT 9440 Dpa inelastic (mt51-91) 94-Pu-240
 Cross Section -100.0 To 279.6 %



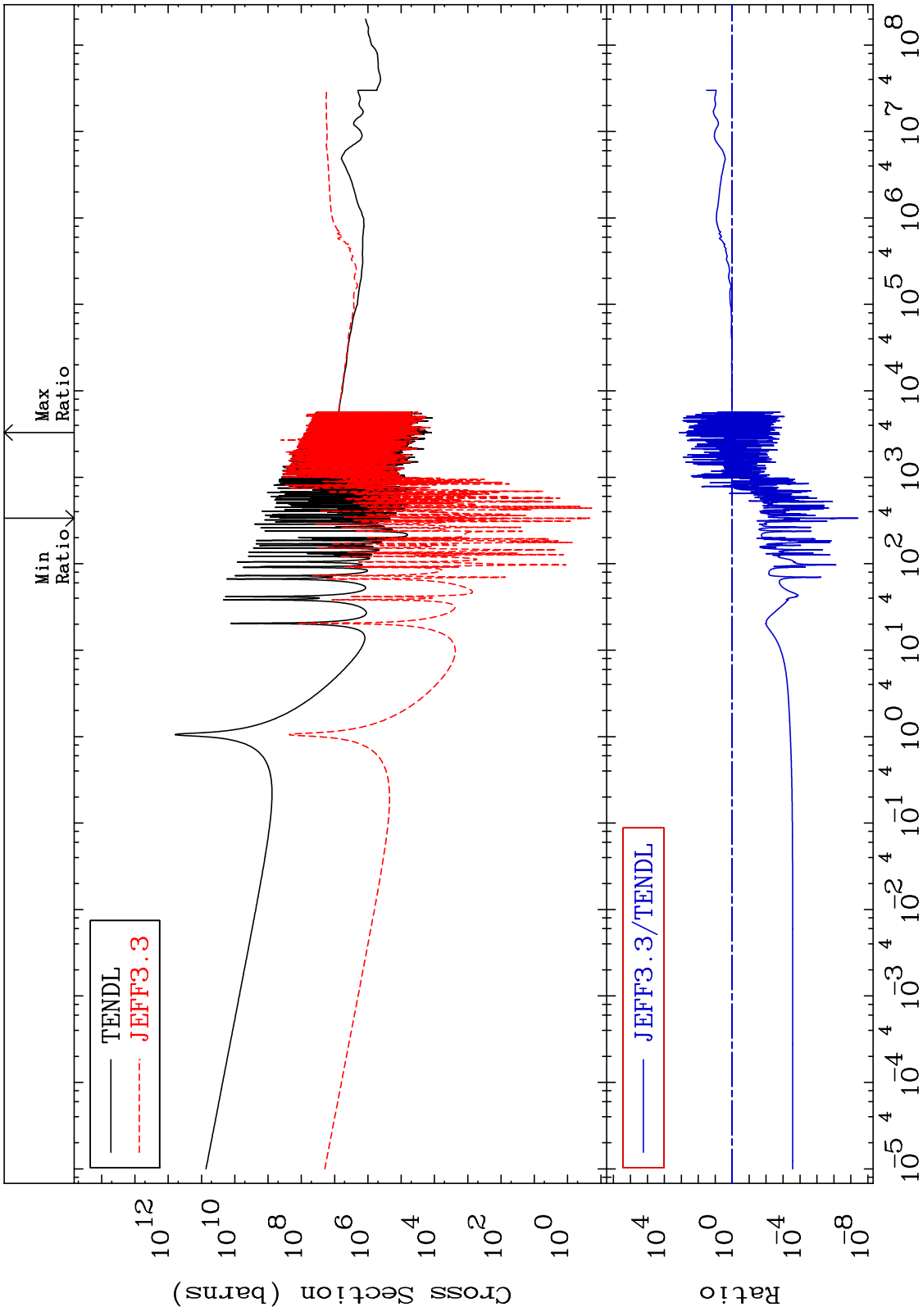
MAT 9440 Dpa disappearance (mt102 -120) 94-Pu-240
 Cross Section -99.99 To 9999. %



MAT 9440 Kerma capture (mt102) 94-Pu-240
 Cross Section -99.92 To 9999. %

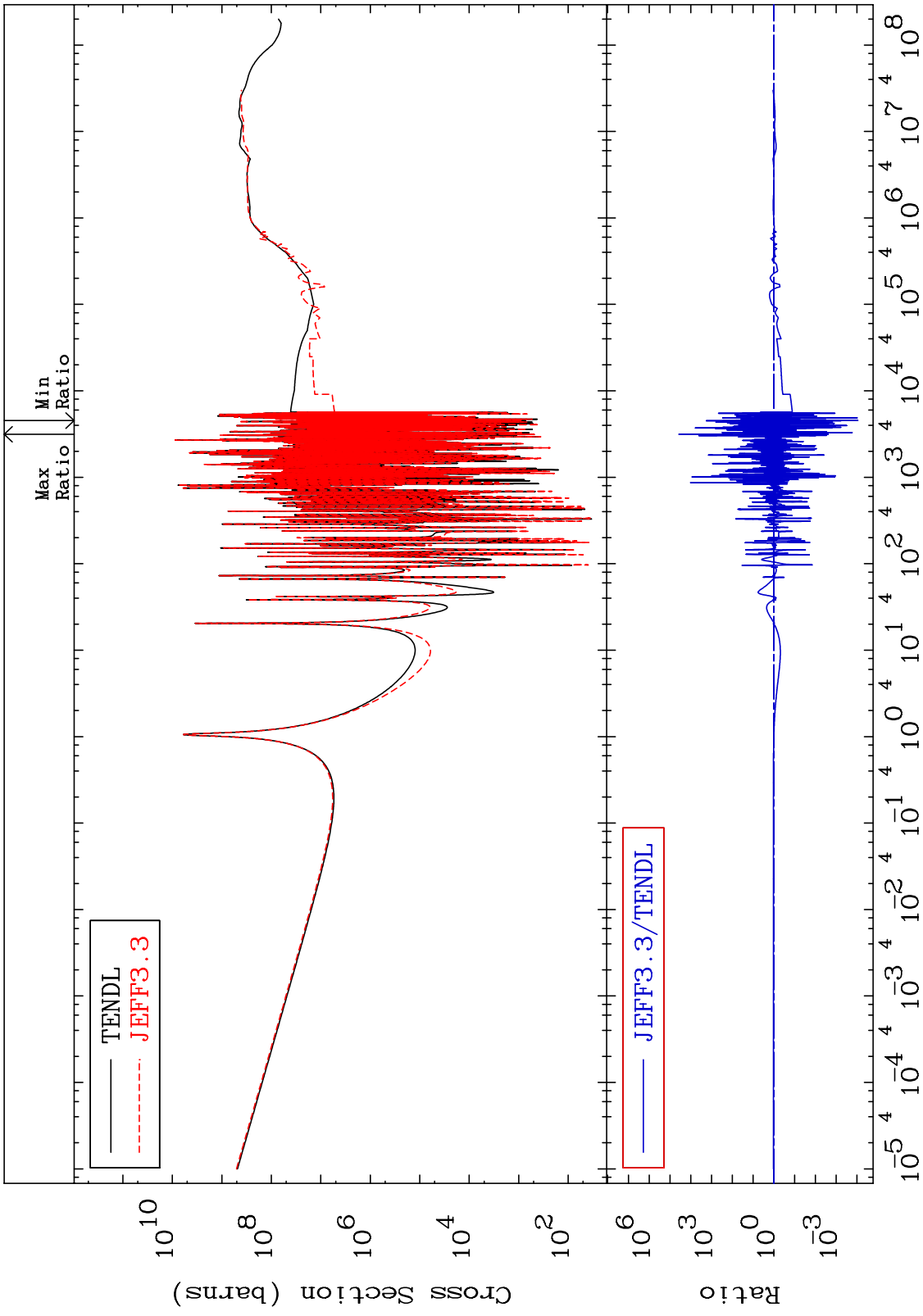


MAT 9440 94-Pu-240
Total photon (eV-barns) Cross Section -100.0 To 9999. %

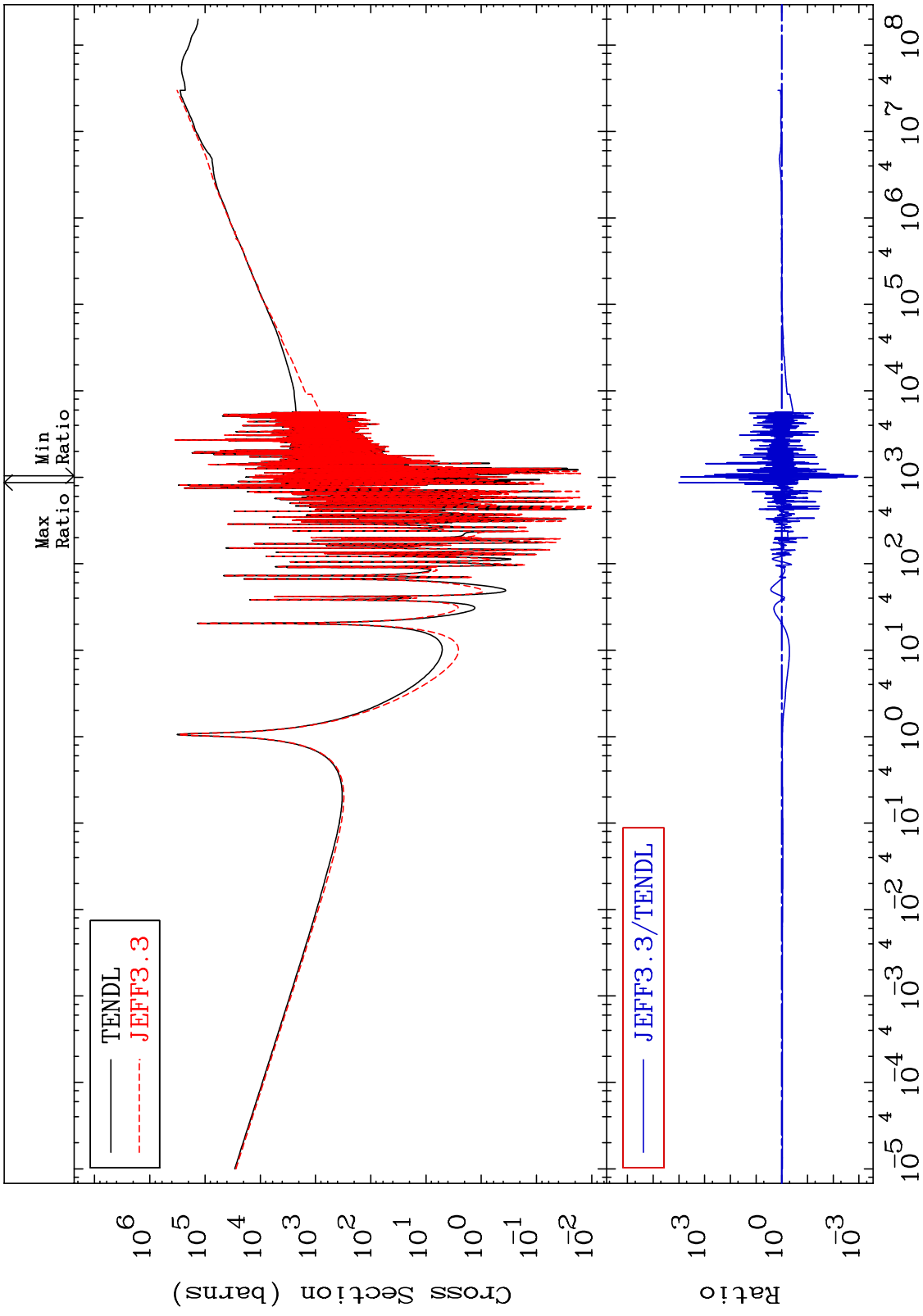


Incident Energy (eV) 94-Pu-240

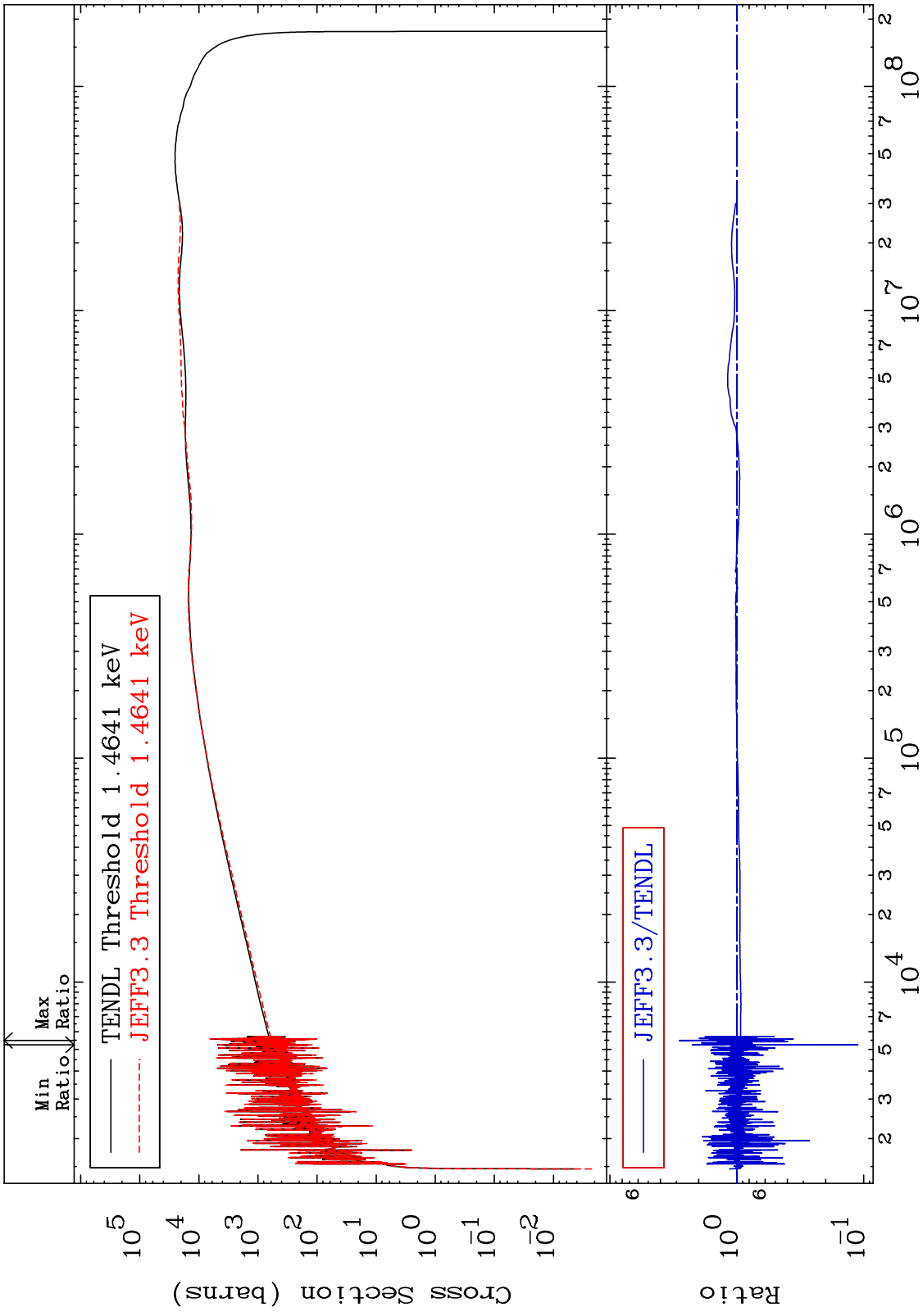
MAT 9440 Total kinematic kerma (high limit) 94-Pu-240
 Cross Section -99.99 To 9999. %



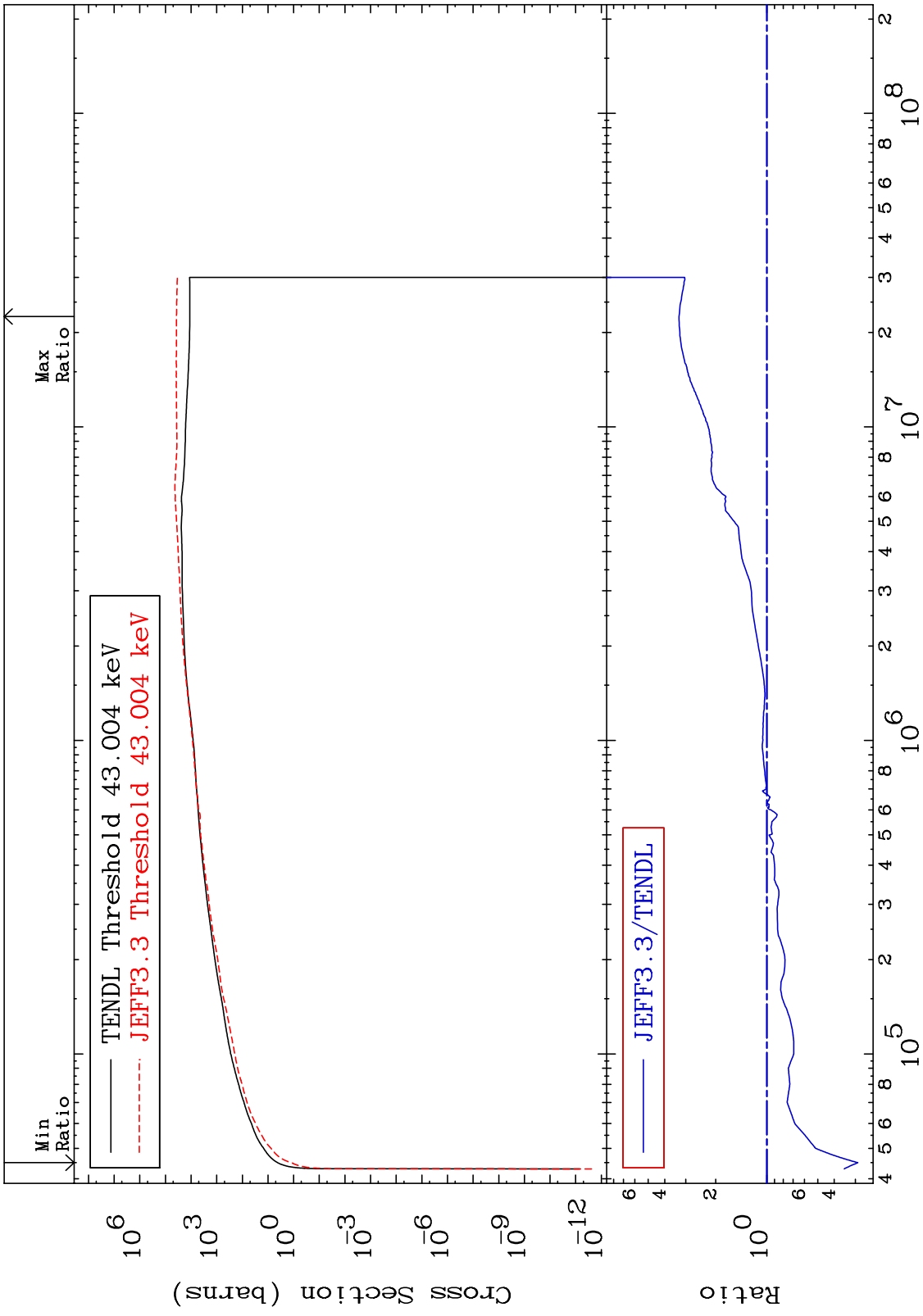
MAT 9440 Dpa total (eV-barns) 94-Pu-240
Cross Section -99.89 To 9999. %



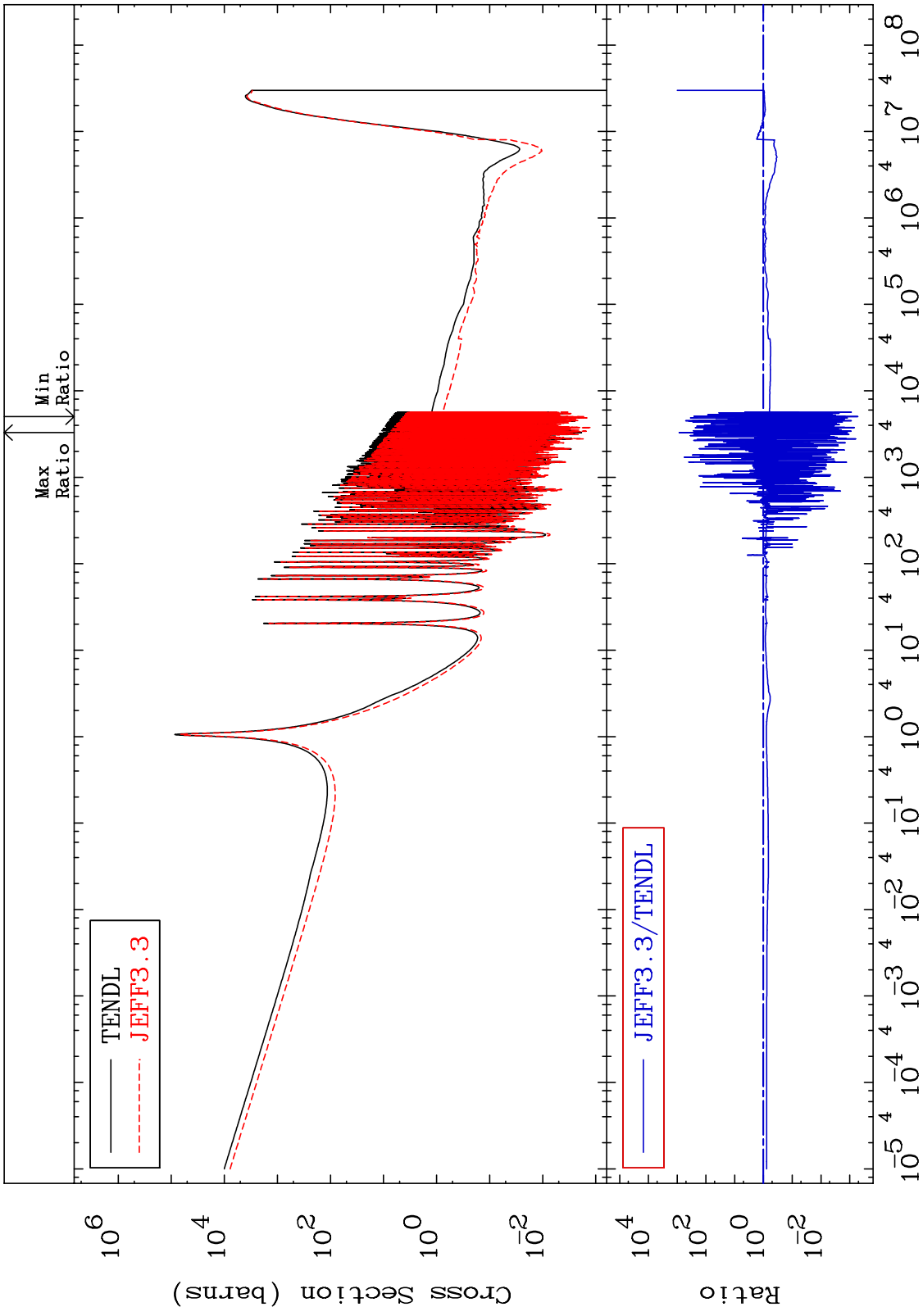
MAT 9440 94-Pu-240
 Dpa elastic (mt2) -88.86 To 185.3 %
 Cross Section



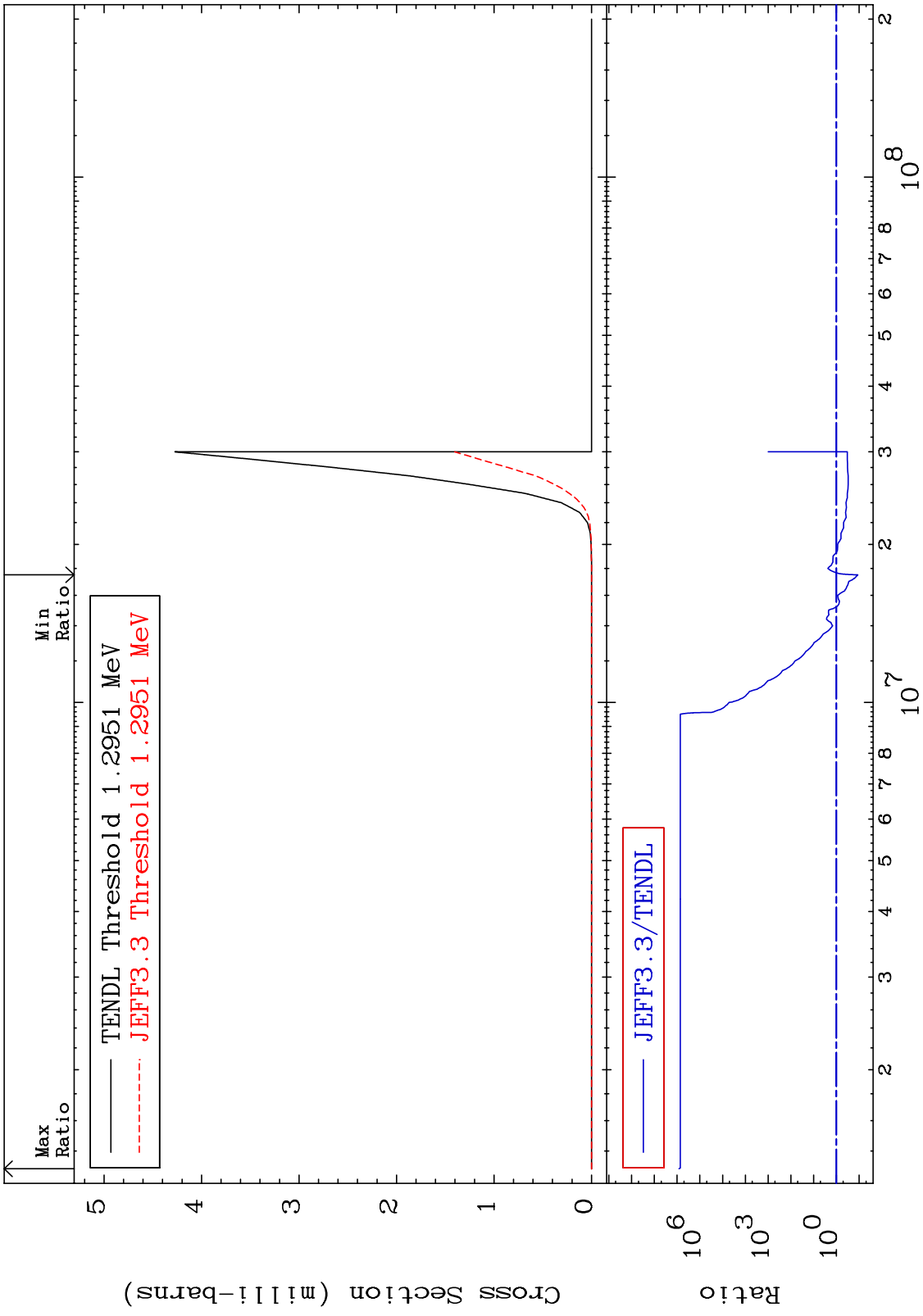
MAT 9440 Dpa inelastic (mt51-91) 94-Pu-240
 Cross Section -70.96 To 229.1 %



MAT 9440 Dpa disappearance (mt102 -120) 94-Pu-240
 Cross Section -99.95 To 9999. %



MAT 9440 (n,2n) α :92-U -235g 94-Pu-240
 Radionuclide Production Cross Section -88.59 To 9999. %



62 Incident Energy (eV) 94-Pu-240

MAT 9440 (n,2n) α :92-U -235m1 94-Pu-240
 Radionuclide Production Cross Section -94.06 To 9999. %

