

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

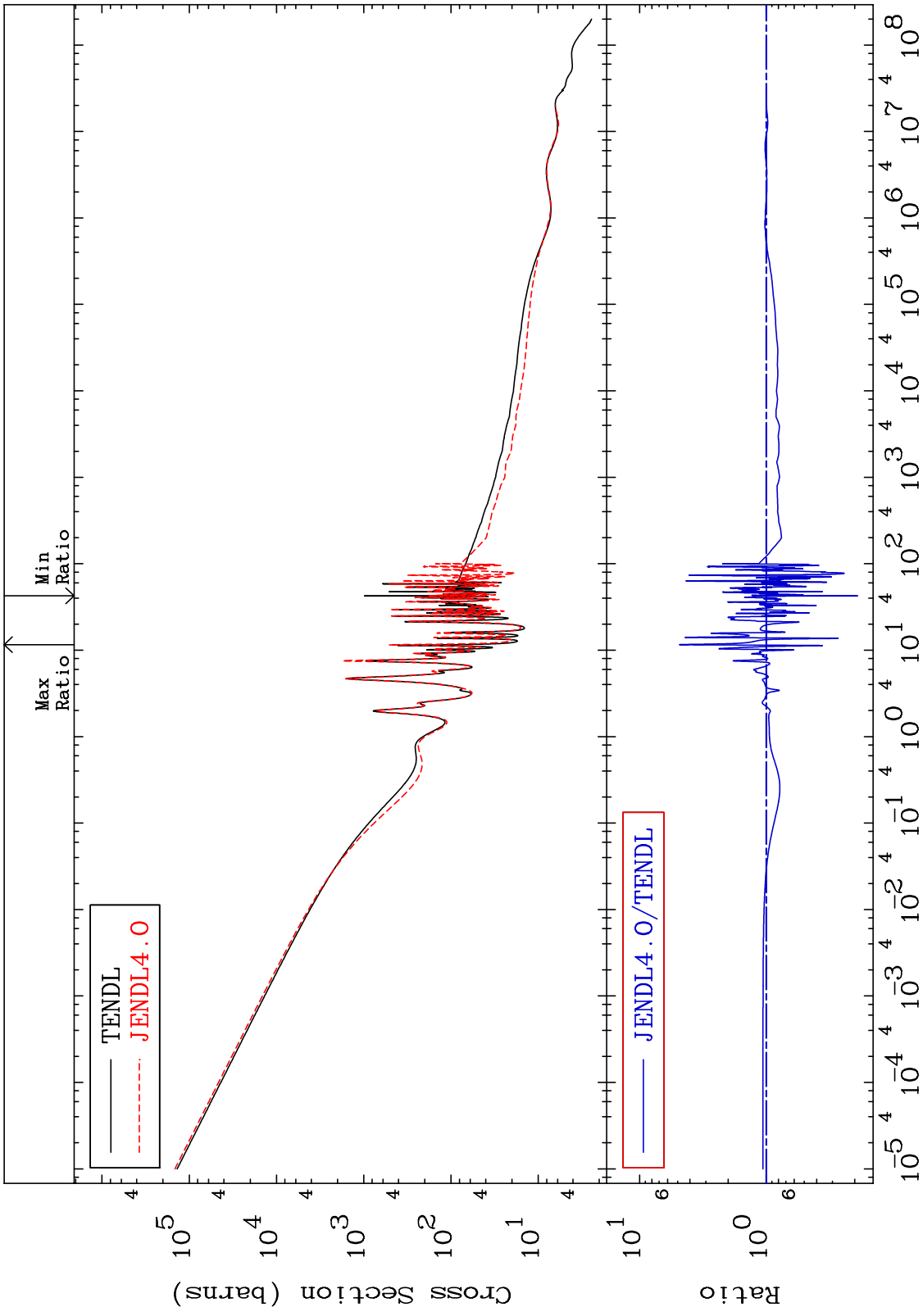
Tele: 925-443-1911

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

Press Mouse Button to Start

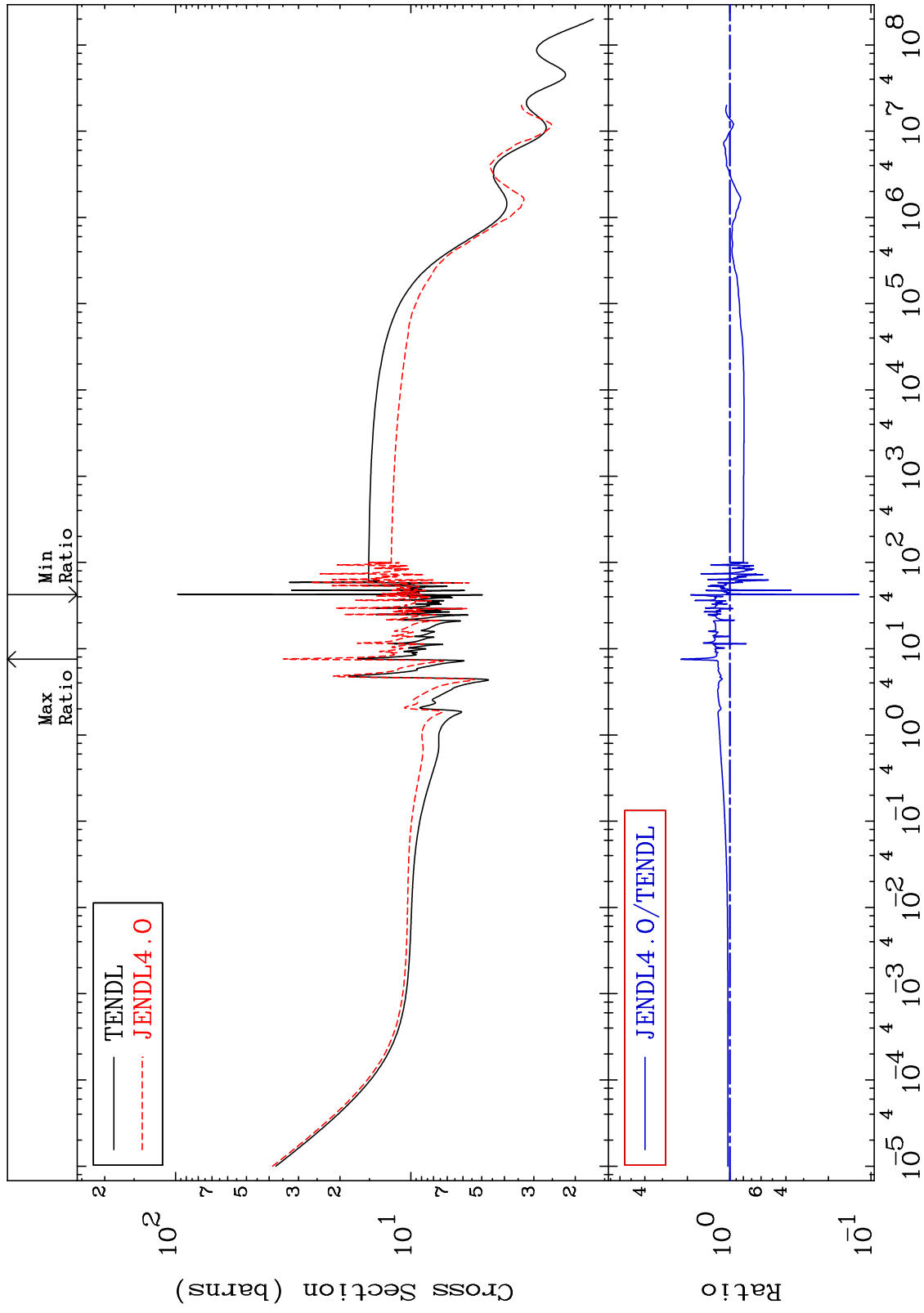
MAT 9640 96-Cm-245
-81.10 To 387.6 %

Total
Cross Section



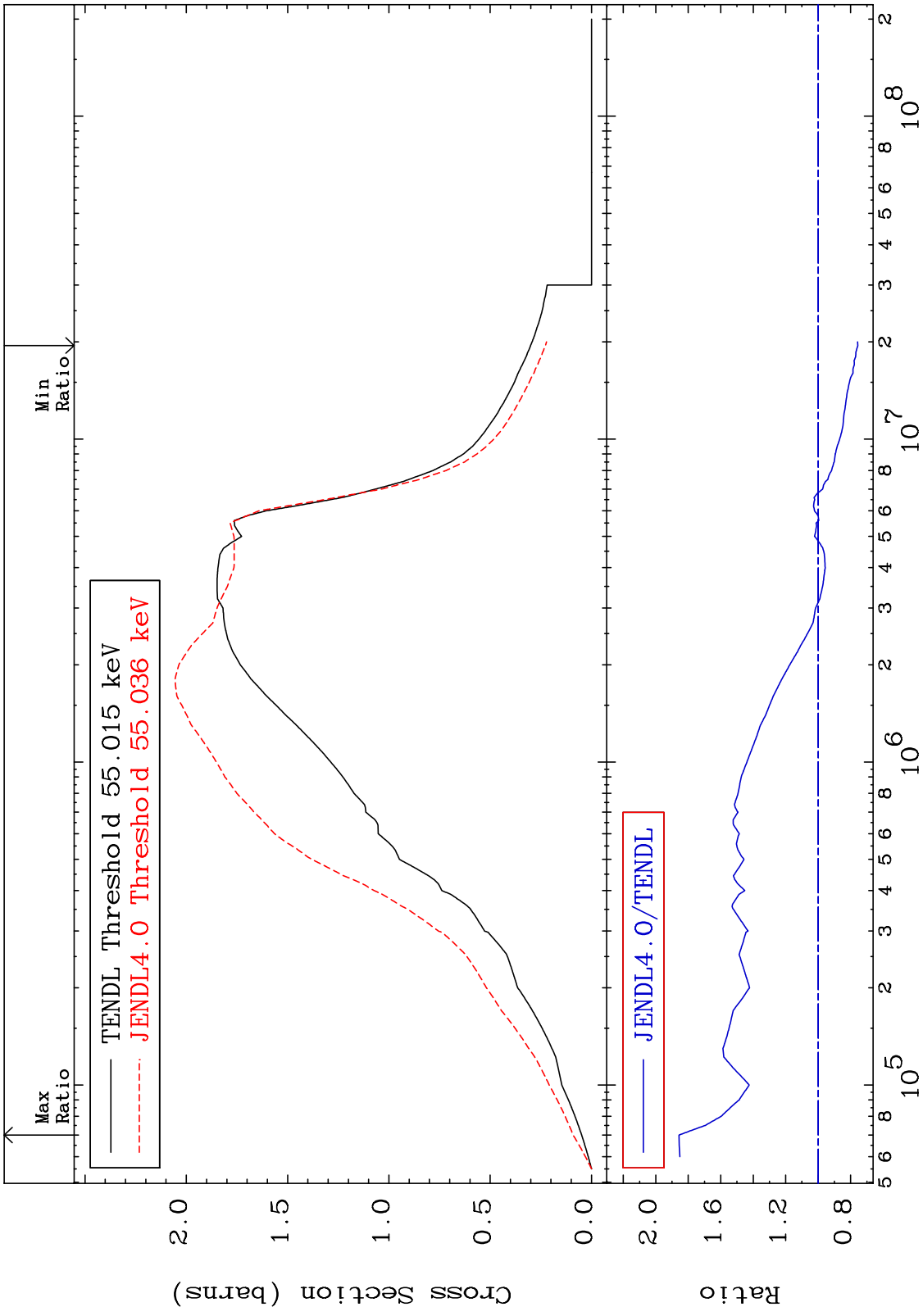
Incident Energy (eV) 96-Cm-245

MAT 9640 Elastic Cross Section 96-Cm-245 -87.85 To 123.0 %

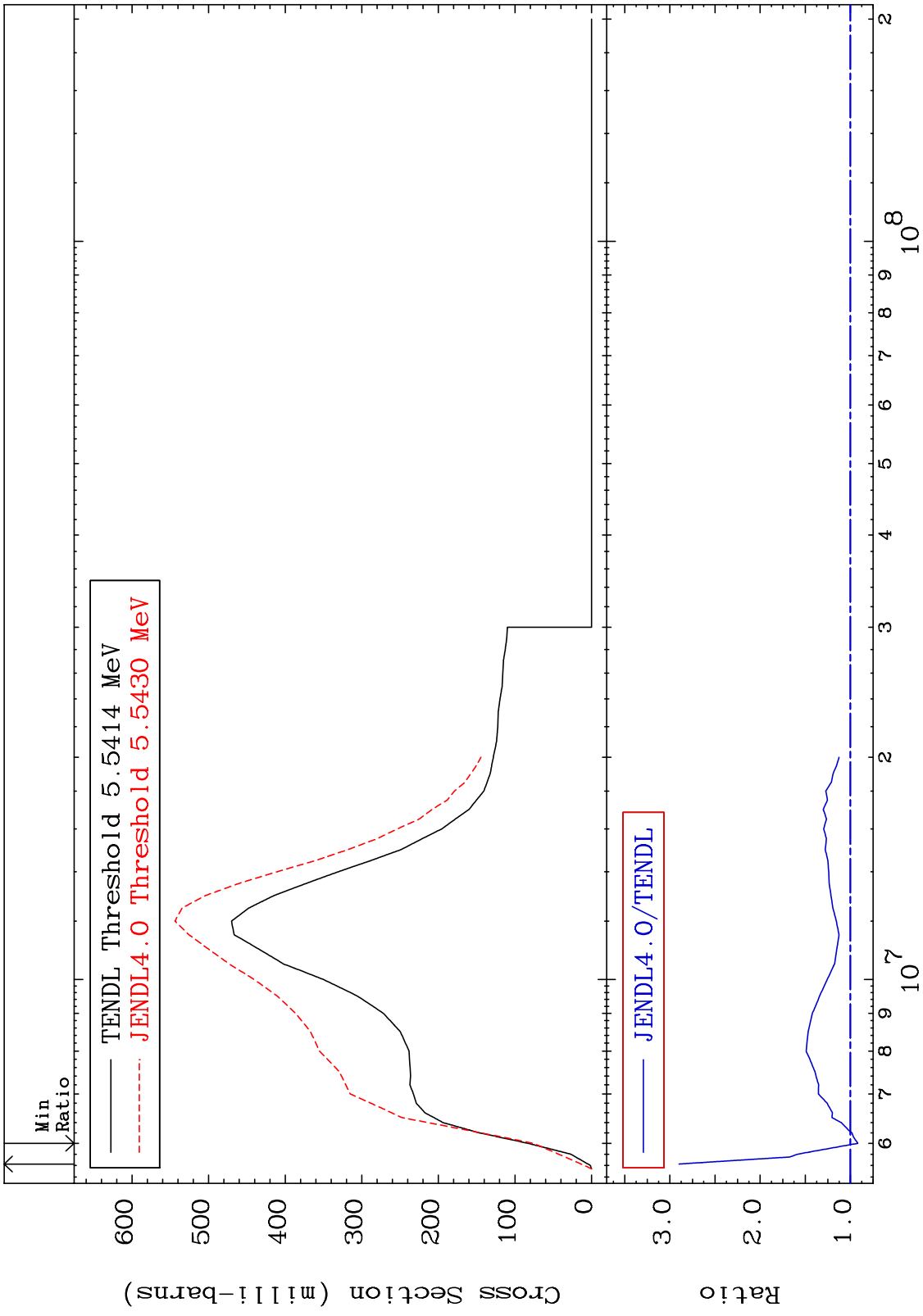


2 96-Cm-245

MAT 9640 Inelastic Cross Section 96-Cm-245 -24.44 To 85.68 %

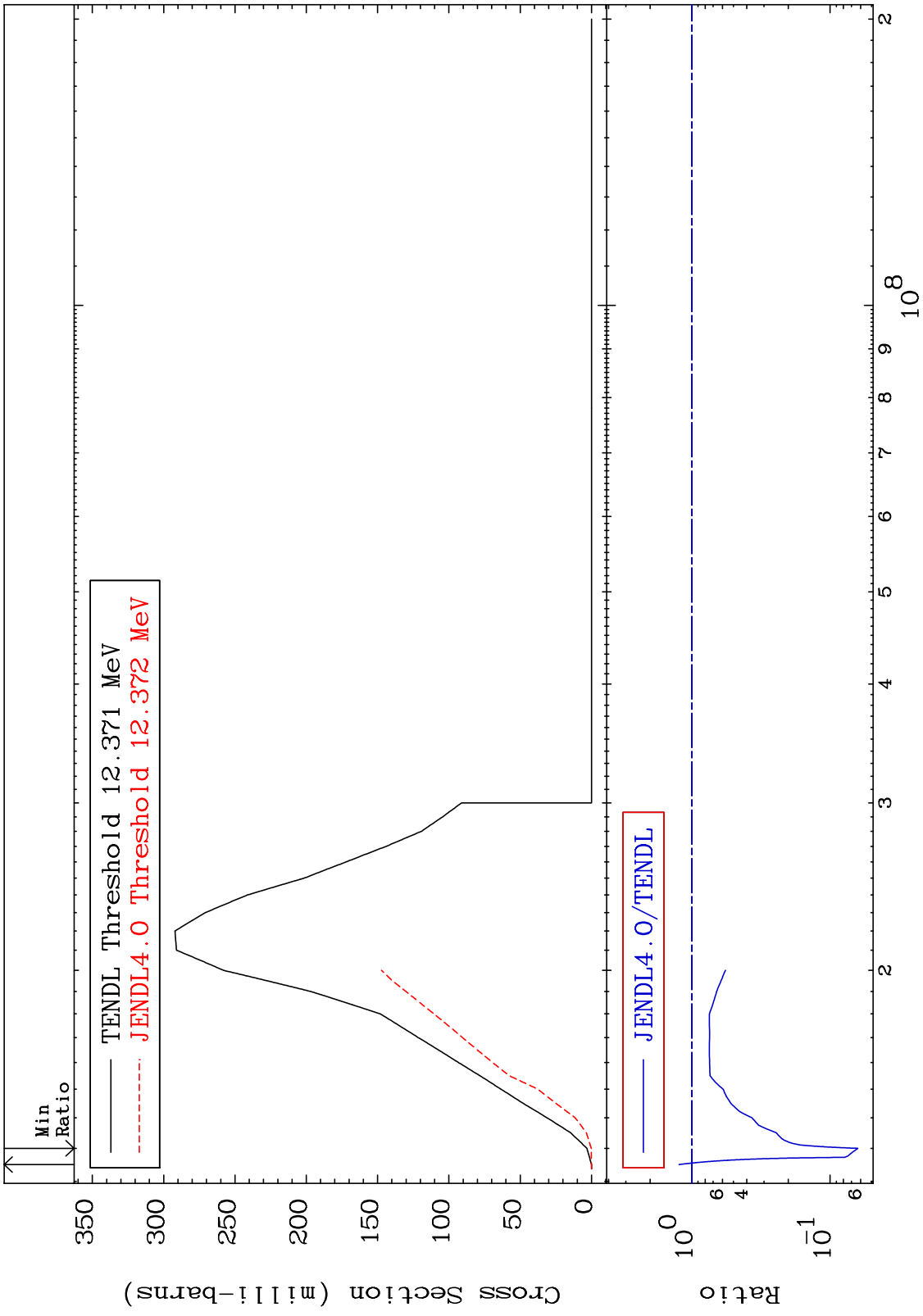


MAT 9640 (n,2n) Cross Section 96-Cm-245 -8.184 To 189.9 %

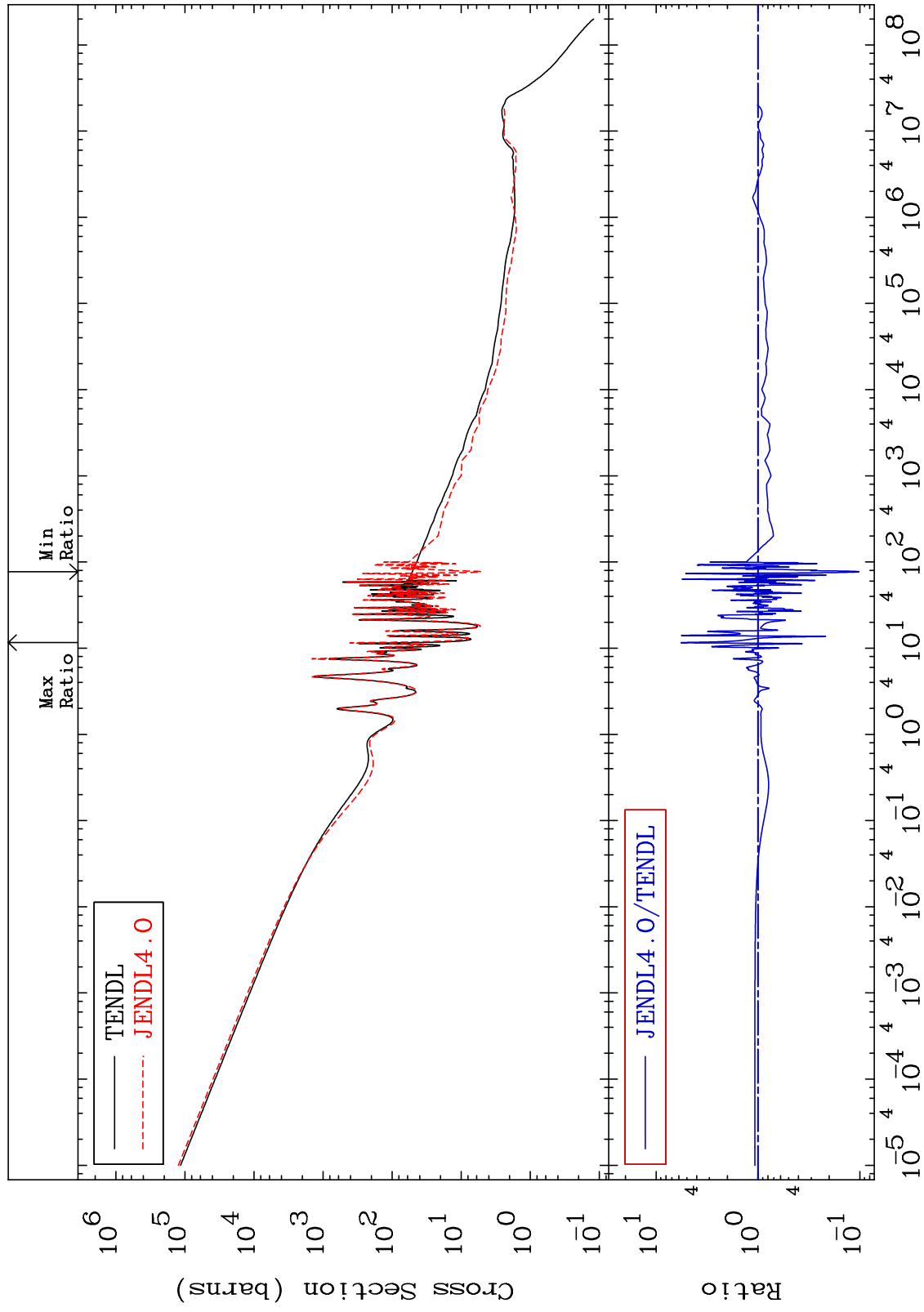


4 96-Cm-245 Incident Energy (eV)

MAT 9640 (n,3n) Cross Section 96-Cm-245 -93.72 To 23.65 %



MAT 9640 96-Cm-245 -89.82 To 472.0 % Fission Cross Section

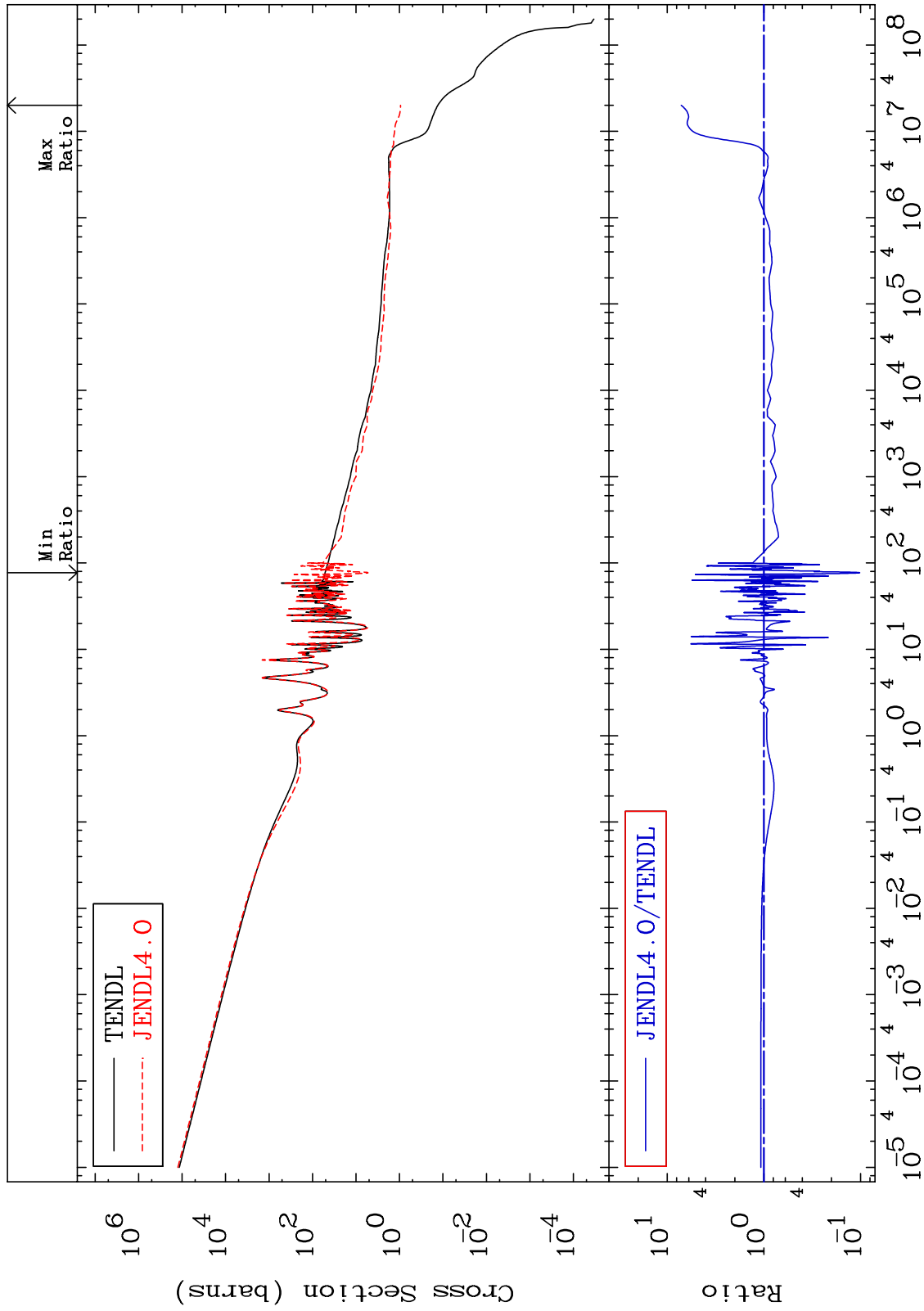


6 96-Cm-245

MAT 9640

(n,f) First Chance
Cross Section

96-Cm-245
-89.82 To 616.9 %

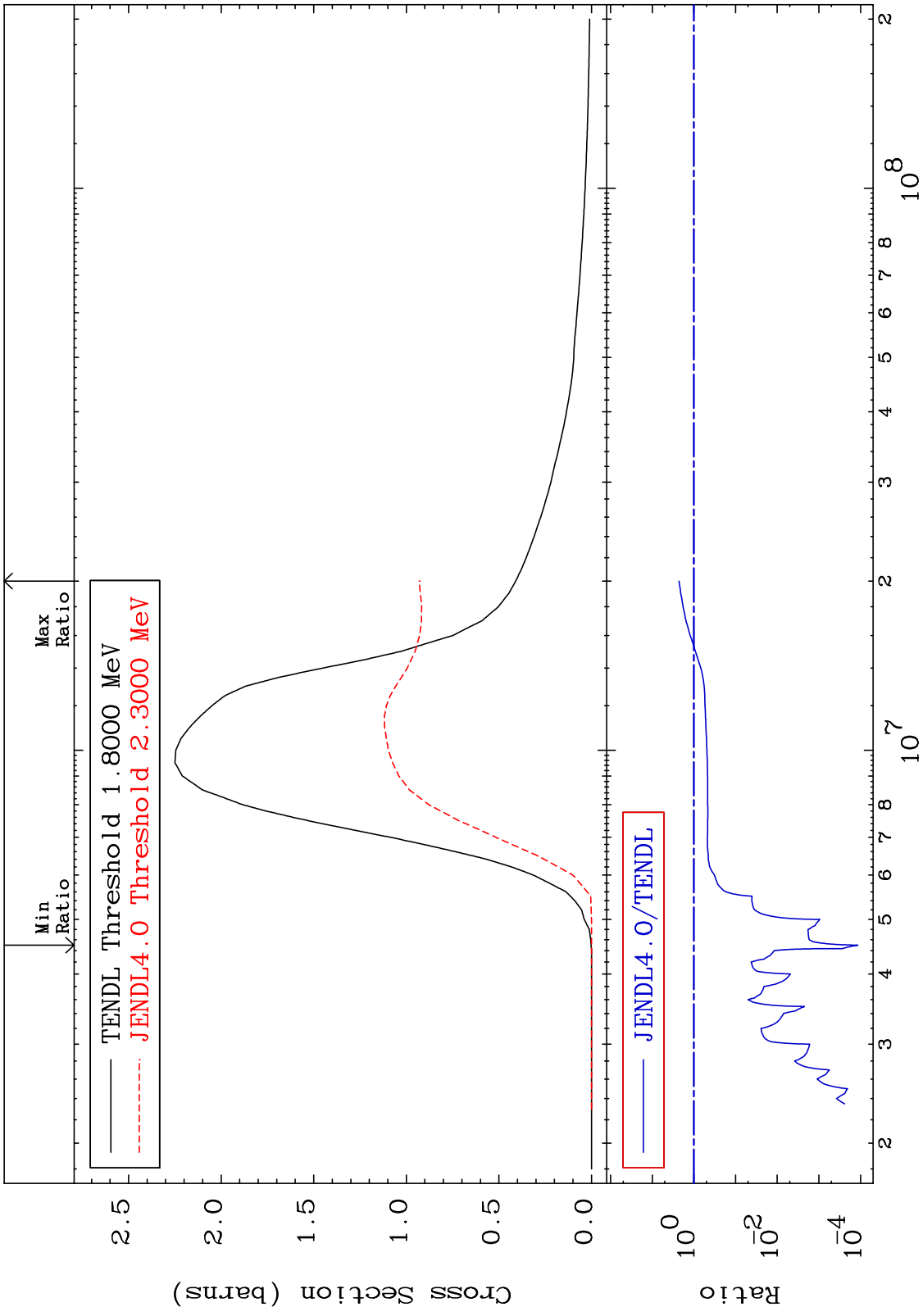


7

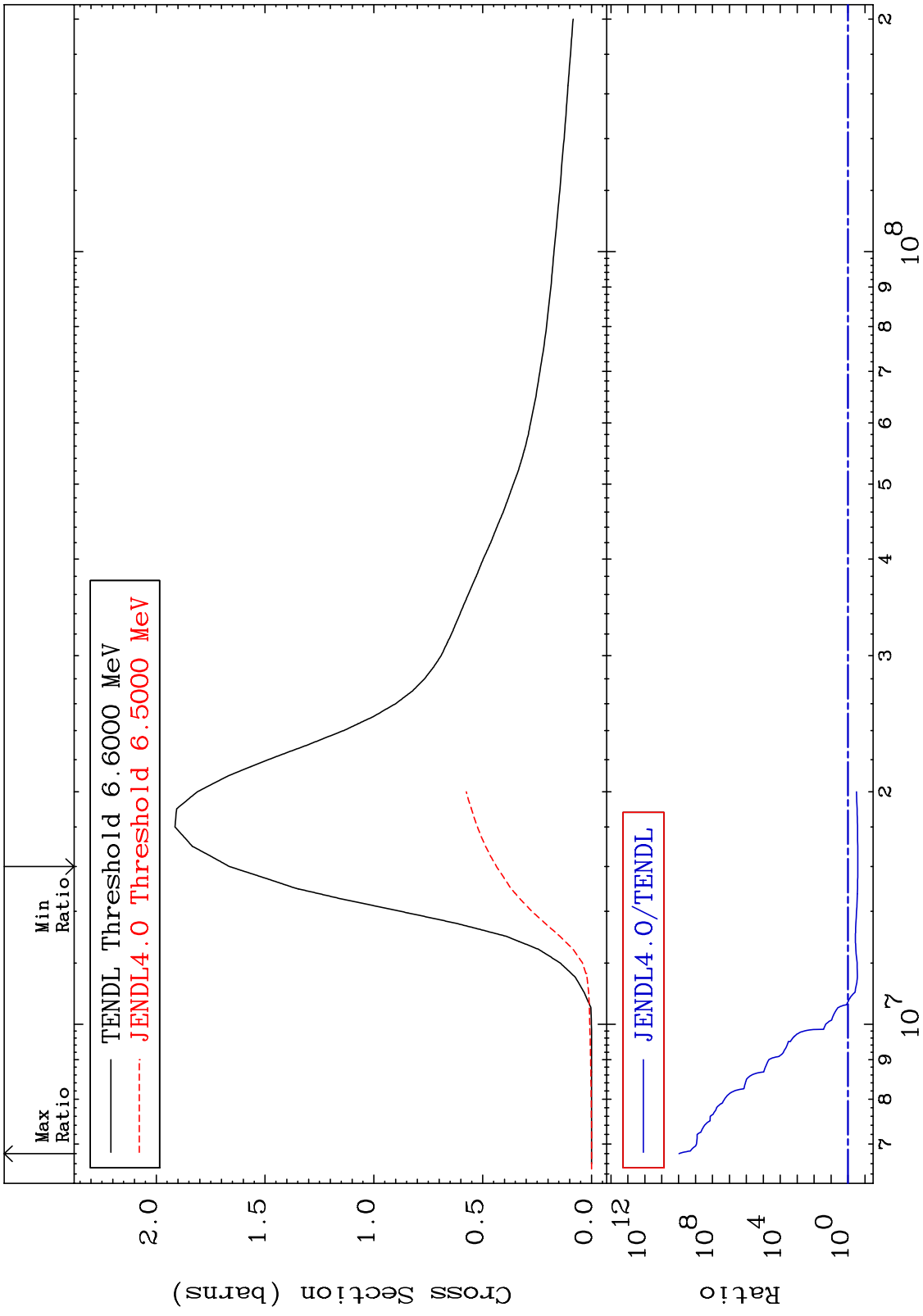
Incident Energy (eV)

96-Cm-245

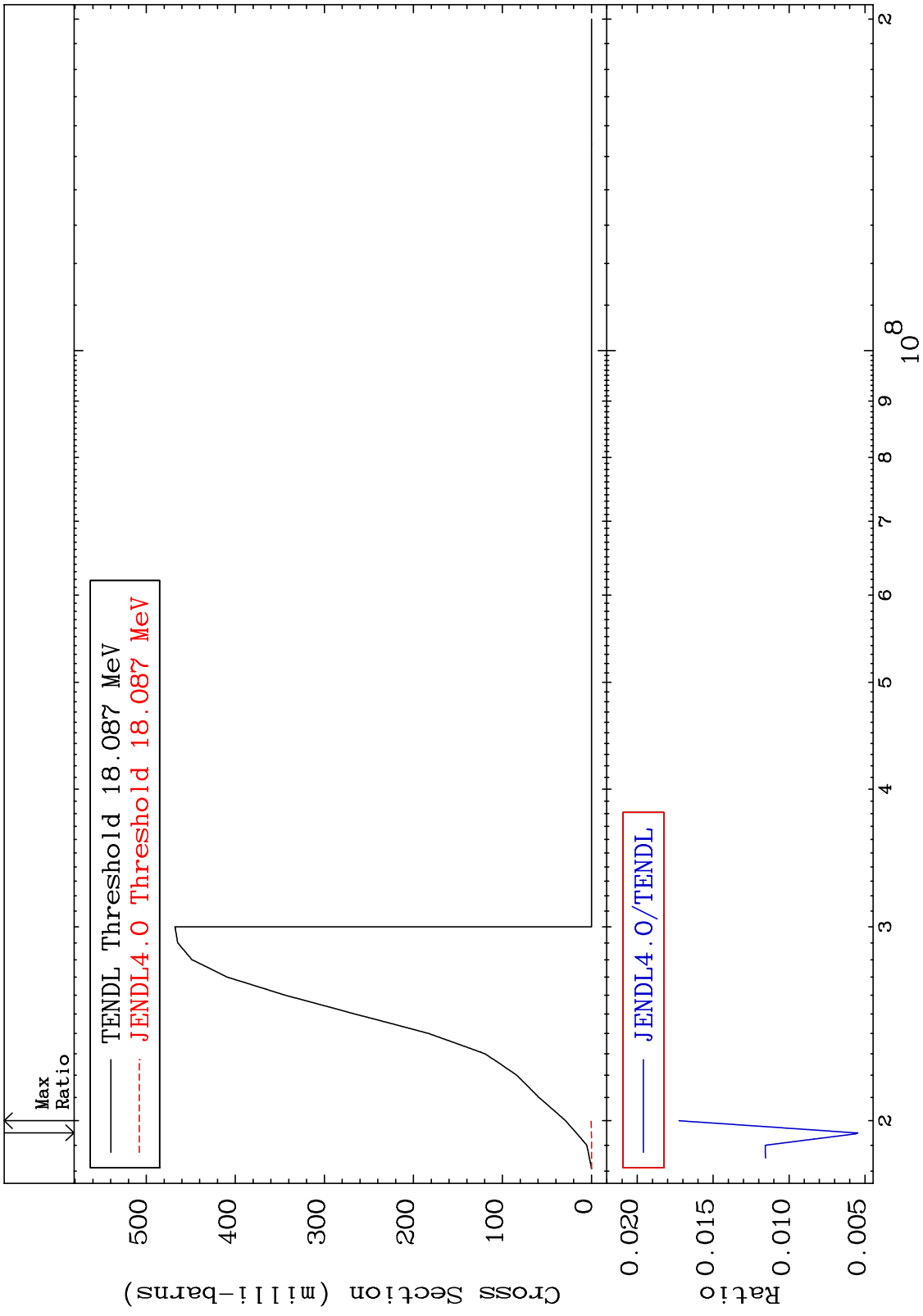
MAT 9640 (n,nf) Second Chance Cross Section 96-Cm-245 -99.99 To 127.5 %



MAT 9640 (n,2nf) Third Chance Cross Section 96-Cm-245 -73.78 To 9999. %

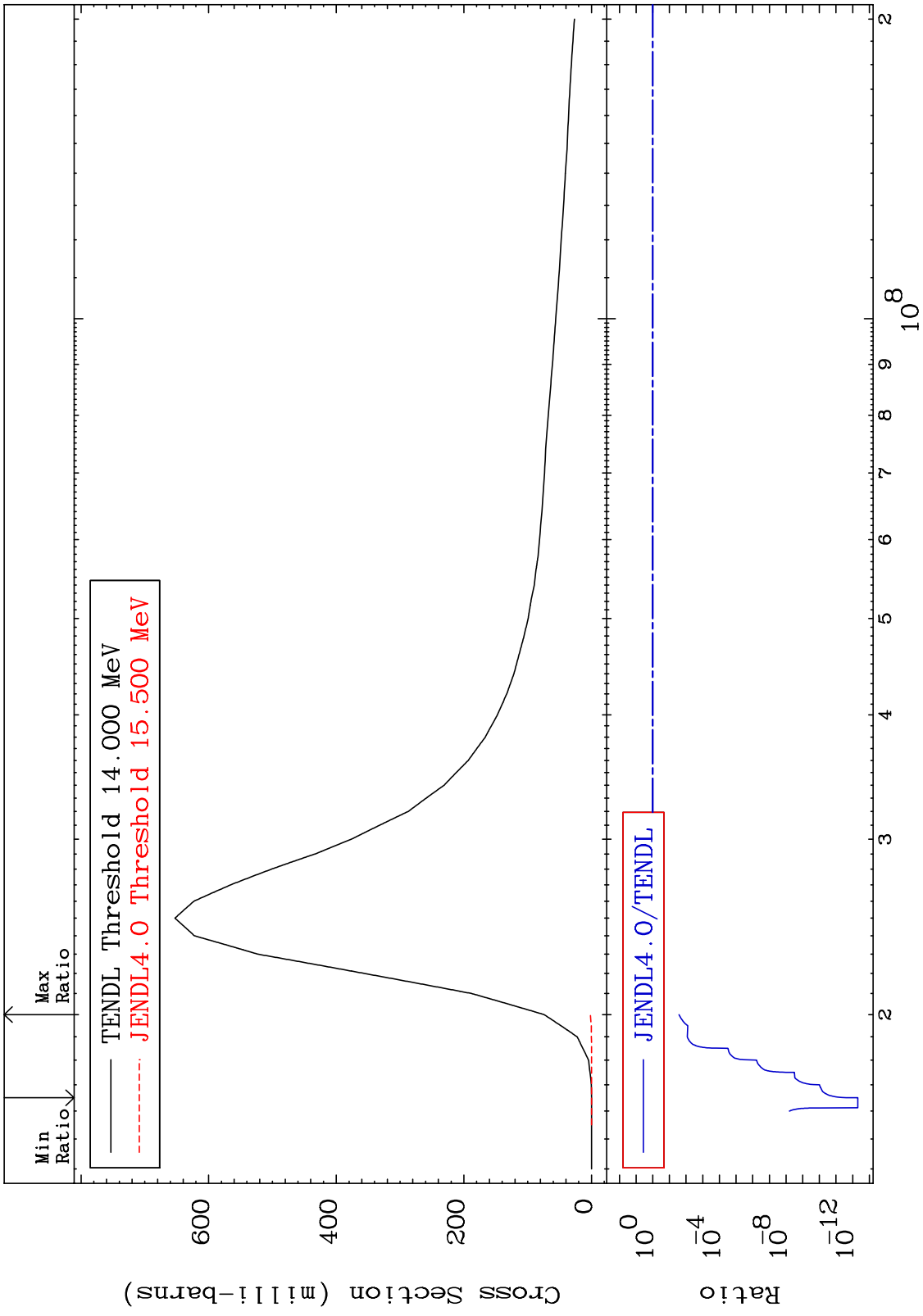


MAT 9640 (n,4n) Cross Section 96-Cm-245 -99.45 To -98.28%

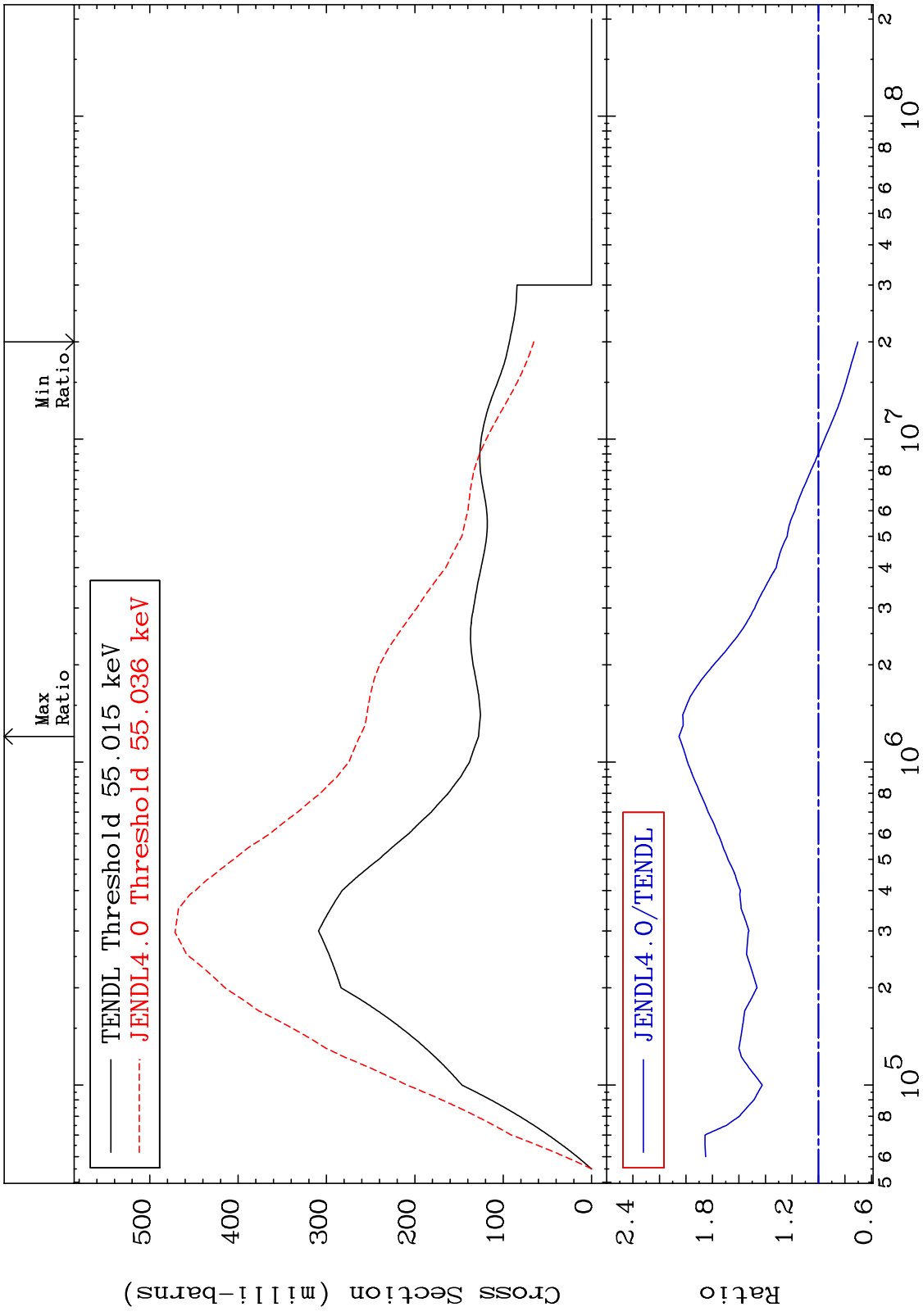


10 96-Cm-245 Incident Energy (eV)

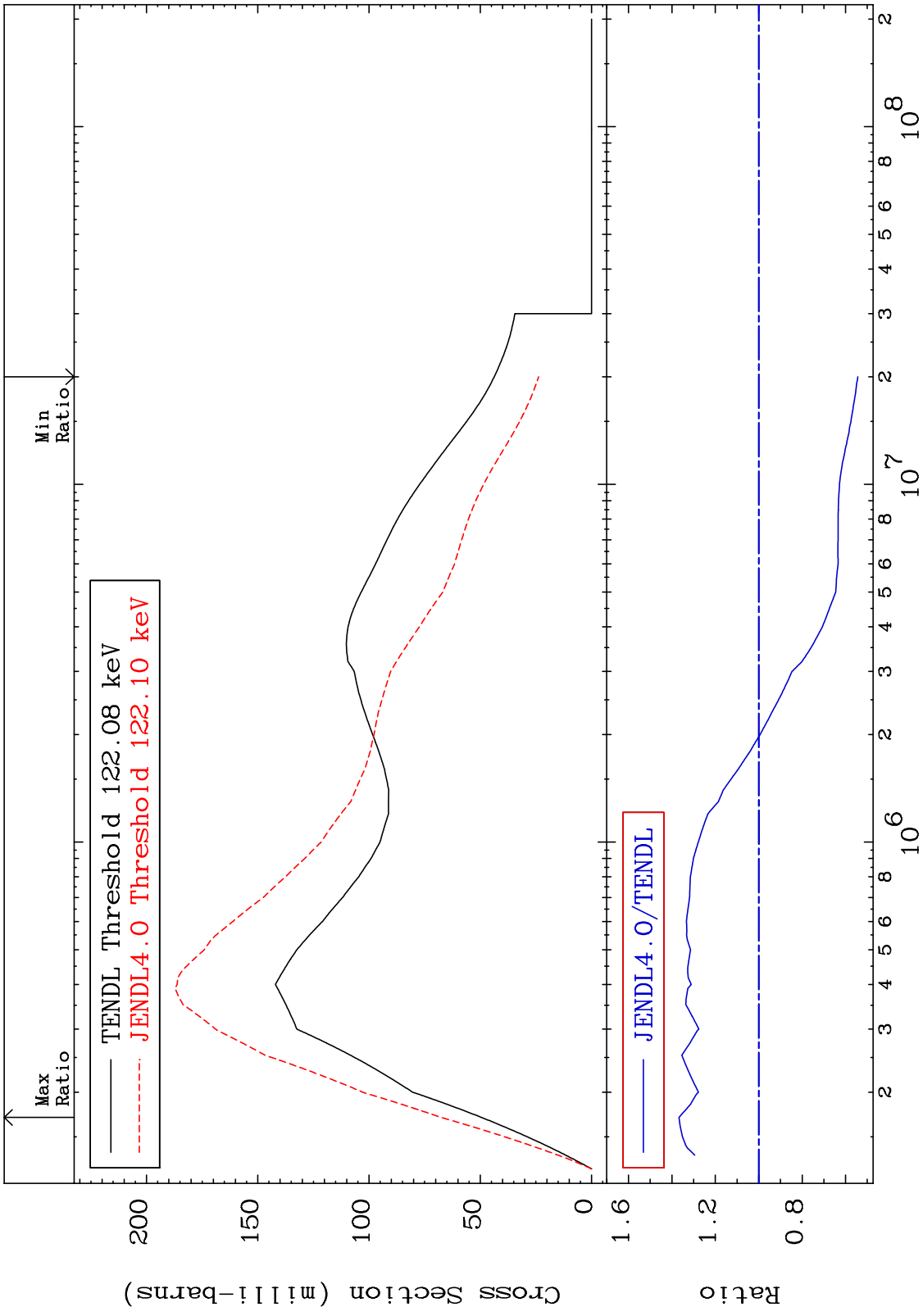
MAT 9640 (n,3nf) Fourth Chance Cross Section 96-Cm-245 -100.0 To -97.36%



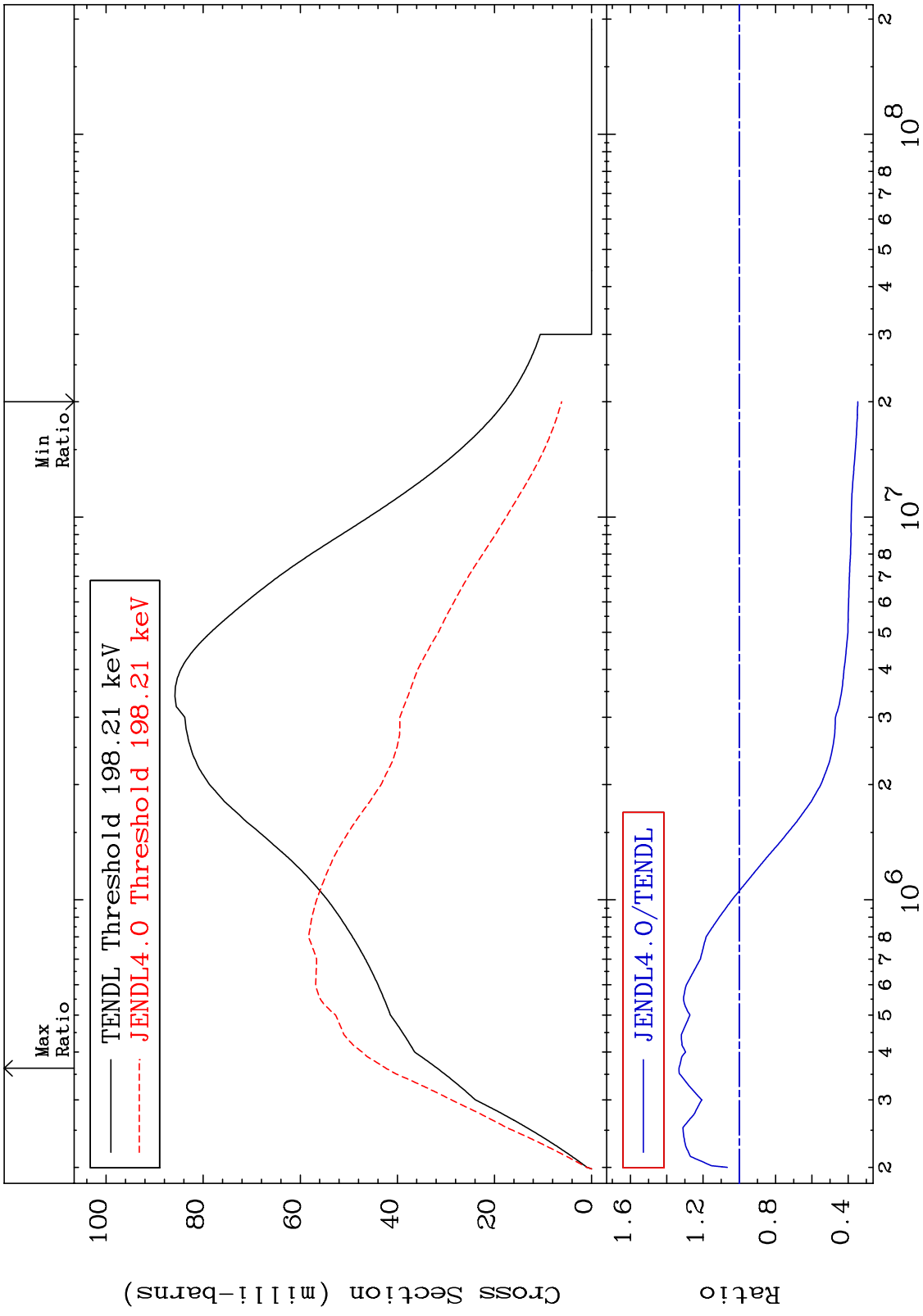
MAT 9640 MT= 51 (n,n') Level Cross Section 96-Cm-245
 -29.69 To 105.2 %



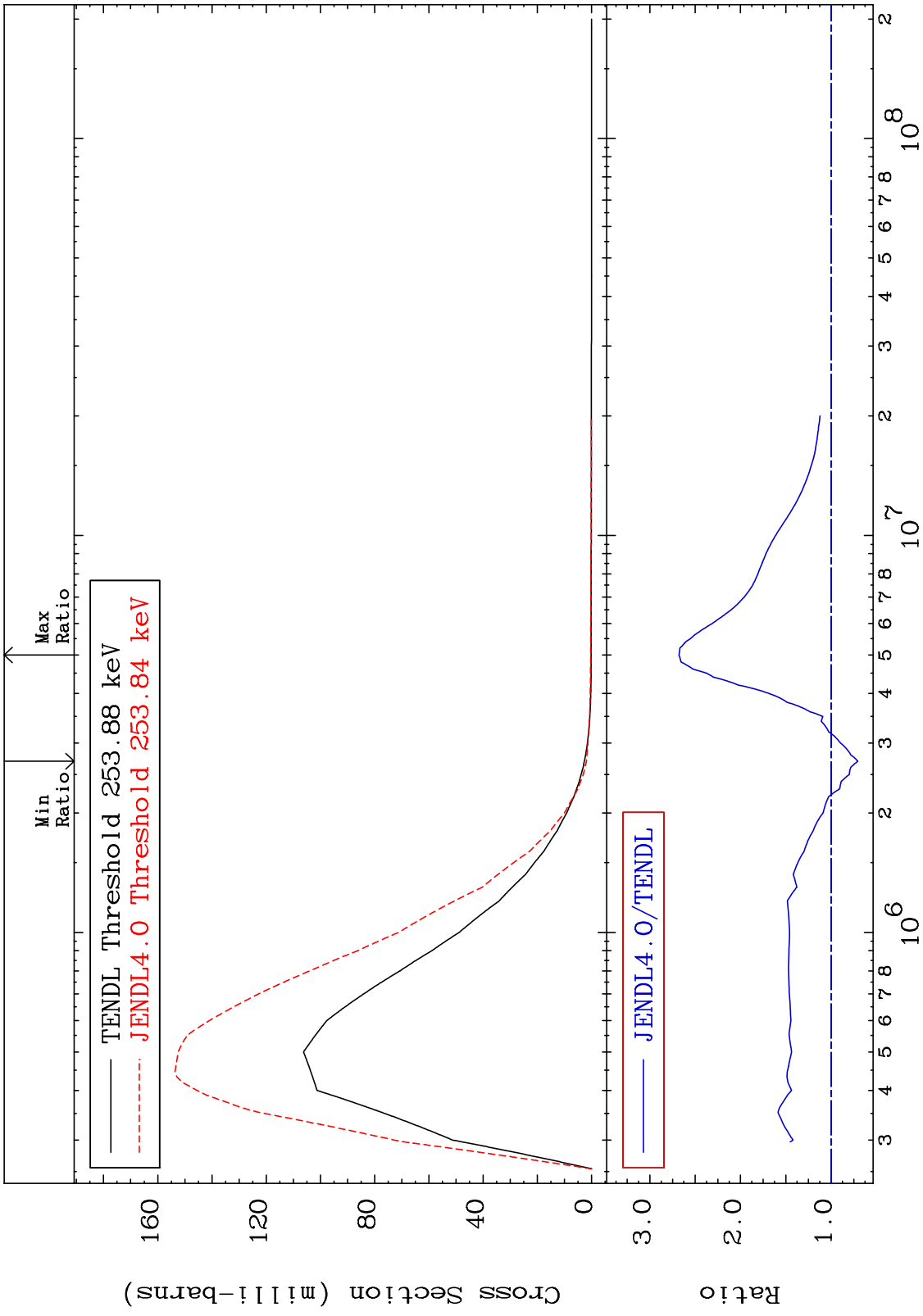
MAT 9640 MT= 52 (n,n') Level Cross Section 96-Cm-245
 -45.64 To 36.72 %



MAT 9640 MT= 53 (n,n') Level Cross Section 96-Cm-245
 -65.29 To 33.26 %

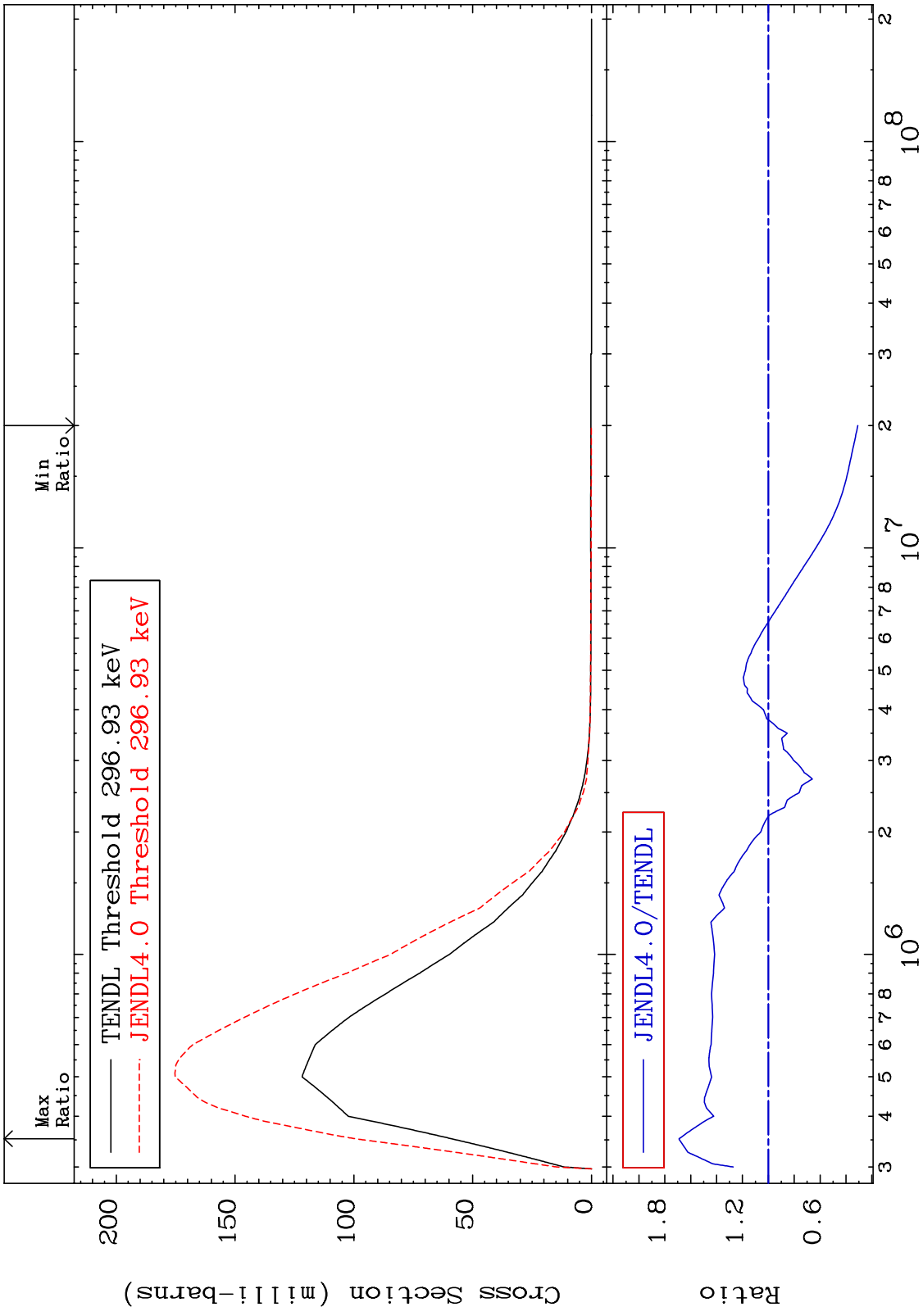


MAT 9640 MT= 54 (n,n') Level Cross Section 96-Cm-245
 -29.51 To 167.8 %



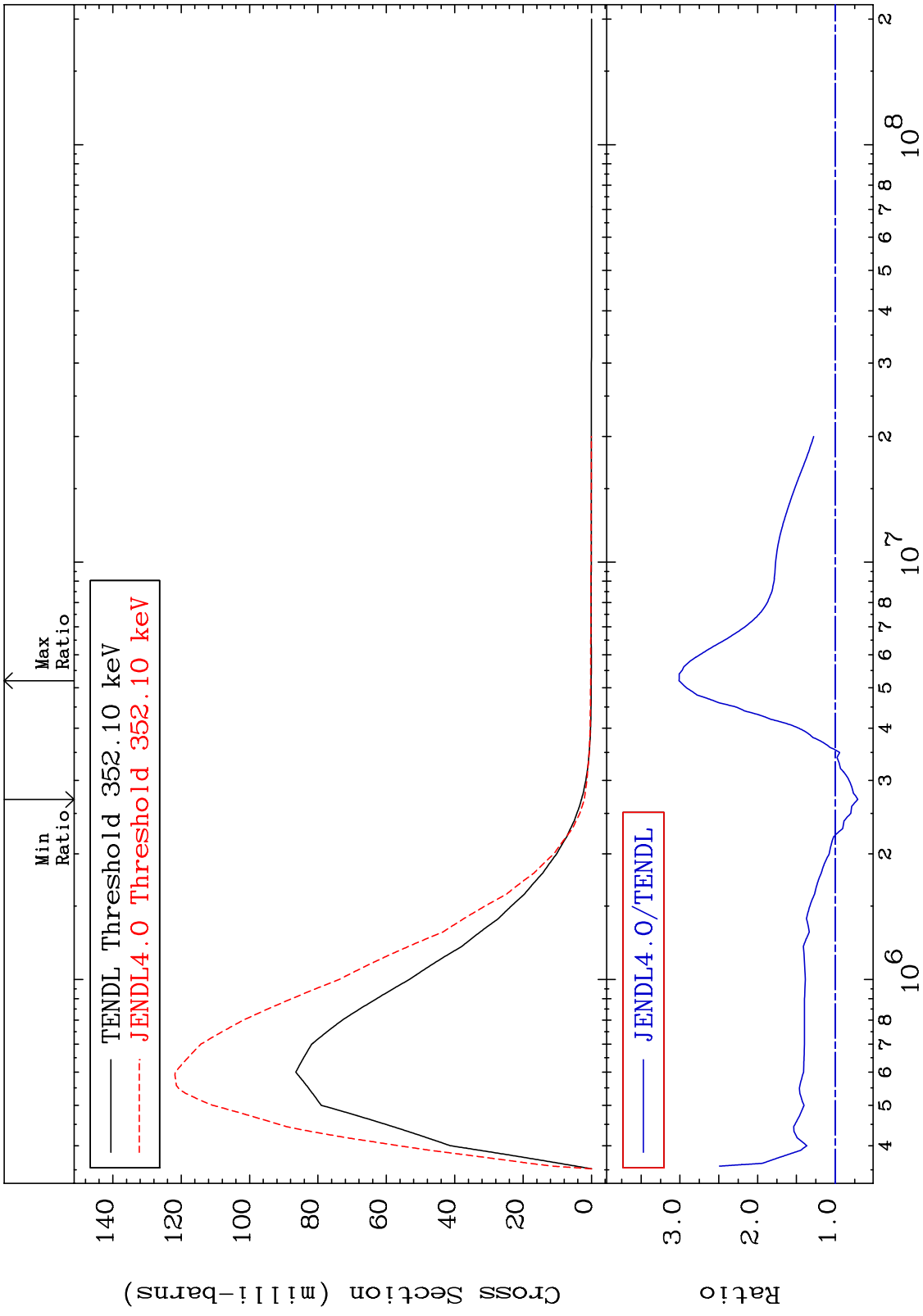
15 Incident Energy (eV) 96-Cm-245

MAT 9640 MT= 55 (n,n') Level Cross Section 96-Cm-245
 -69.14 To 69.01 %

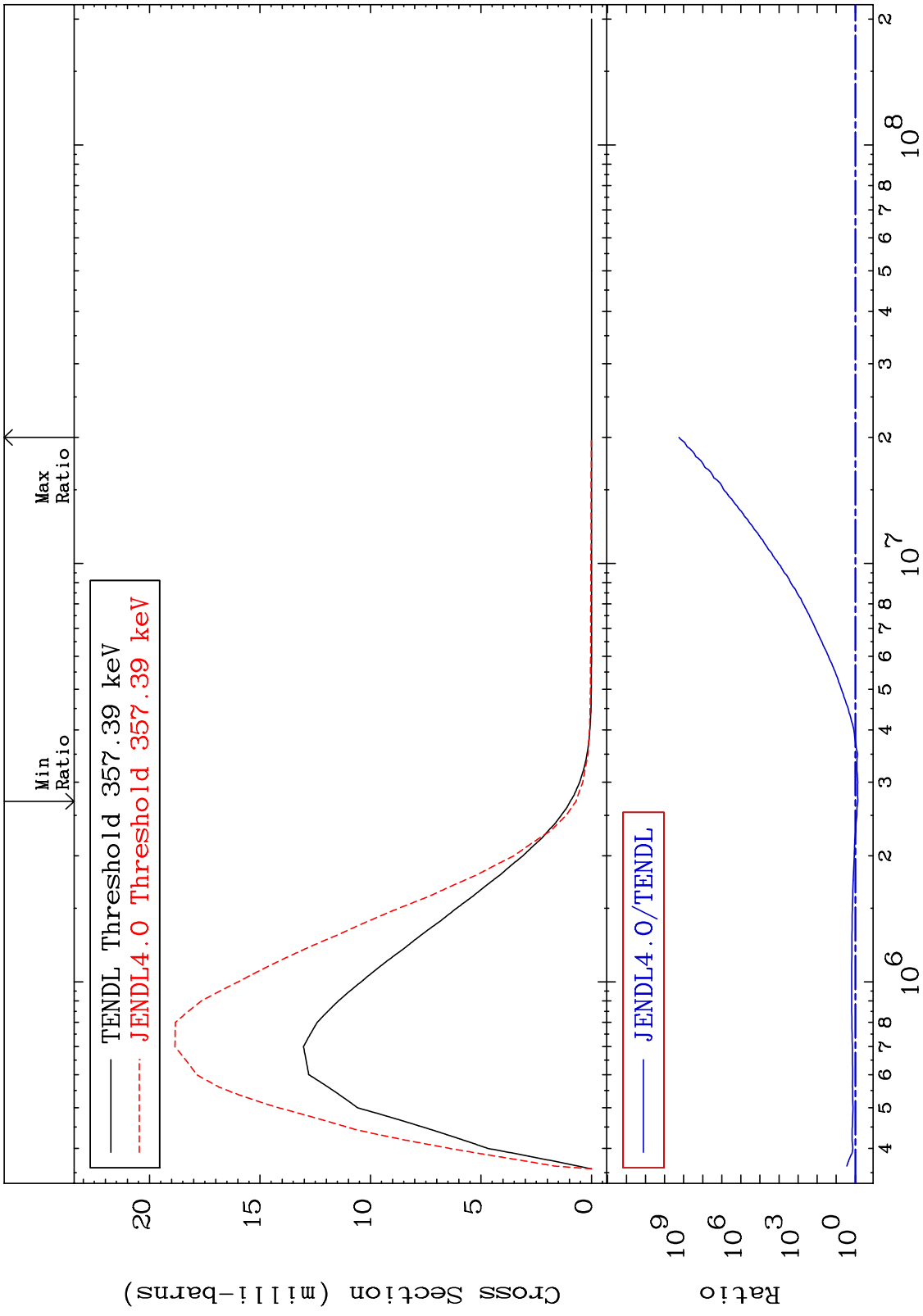


16 96-Cm-245

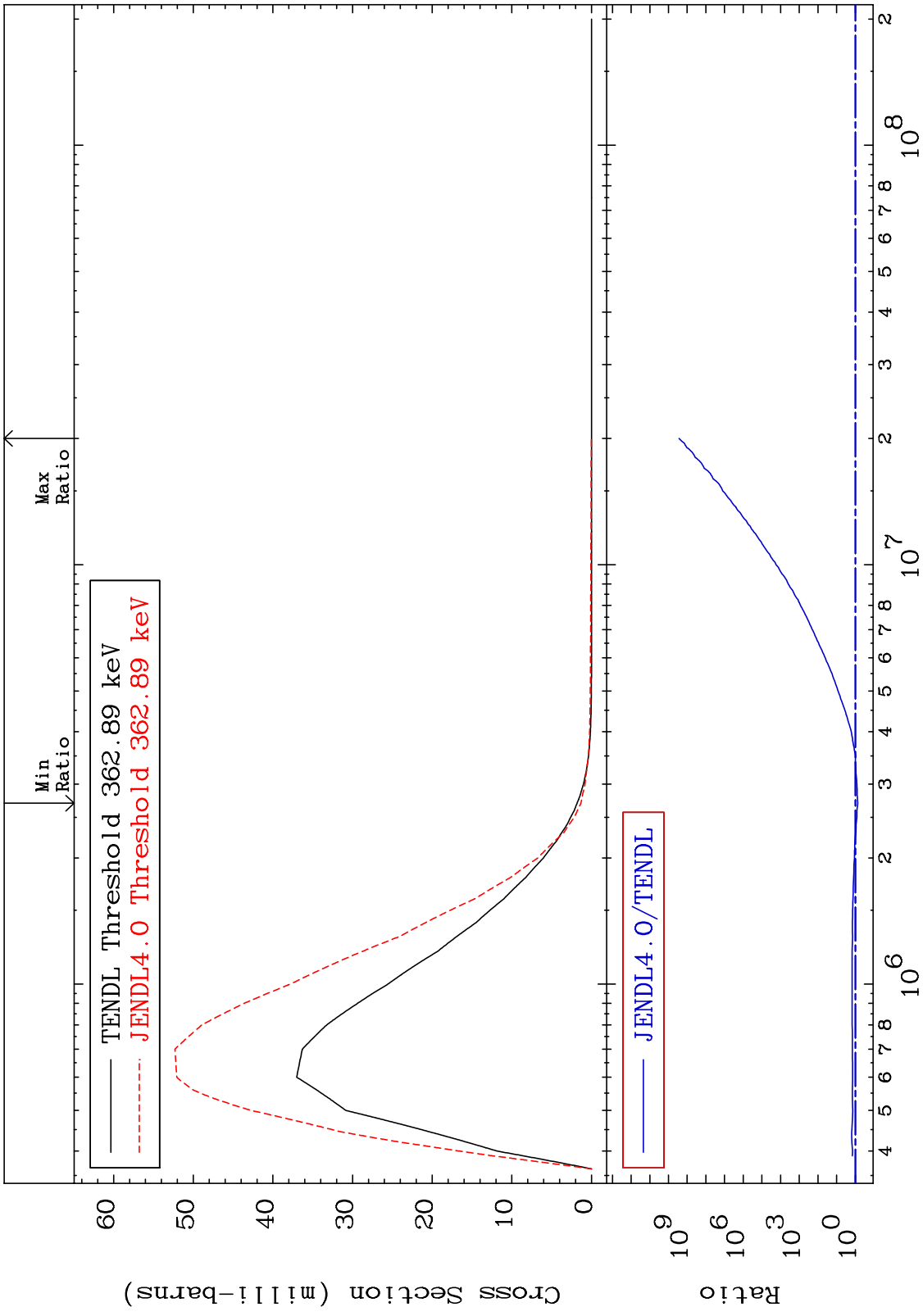
MAT 9640 MT= 56 (n,n') Level Cross Section 96-Cm-245
 -29.11 To 201.1 %



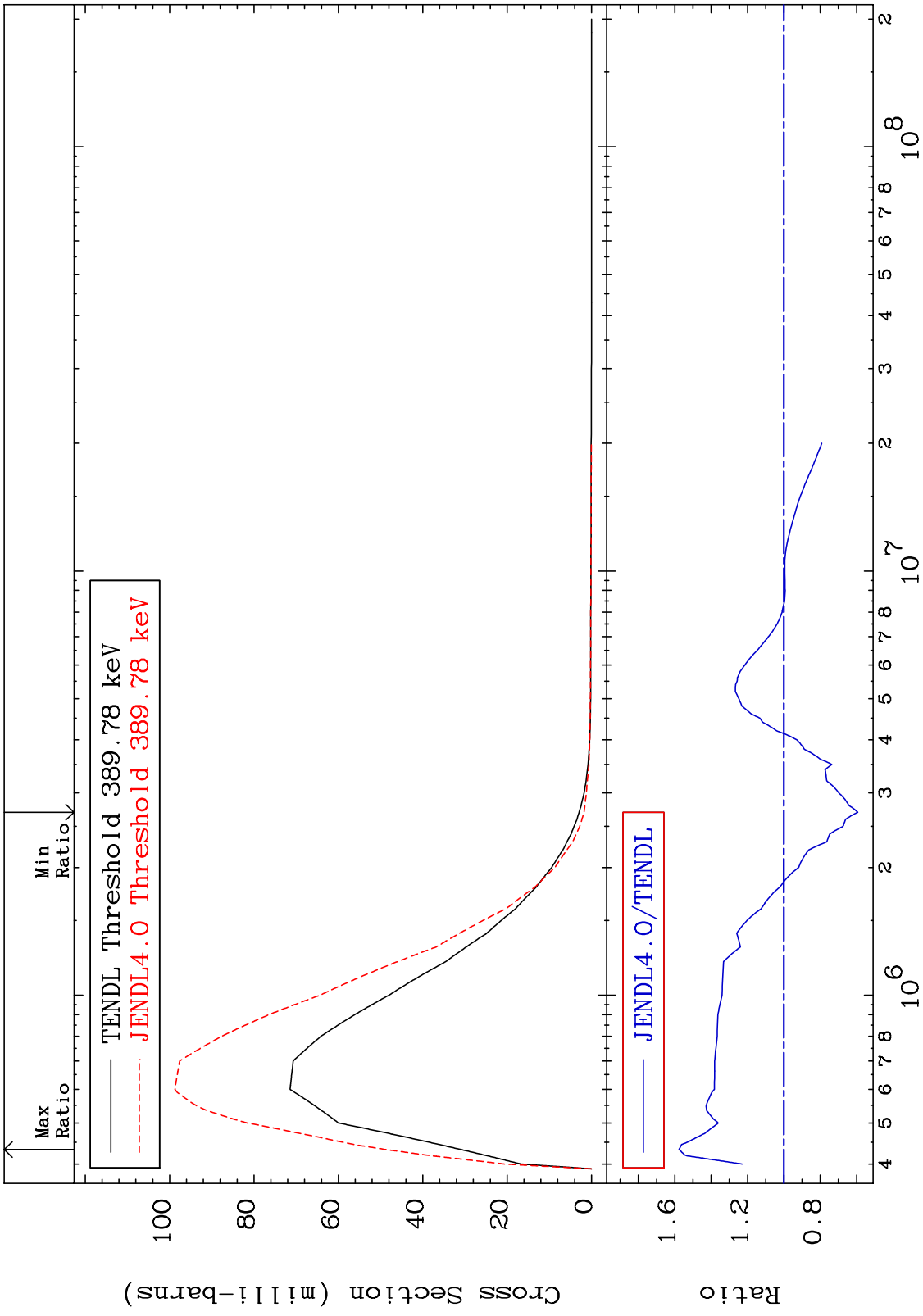
MAT 9640 MT= 57 (n,n') Level Cross Section 96-Cm-245
 -26.47 To 9999. %



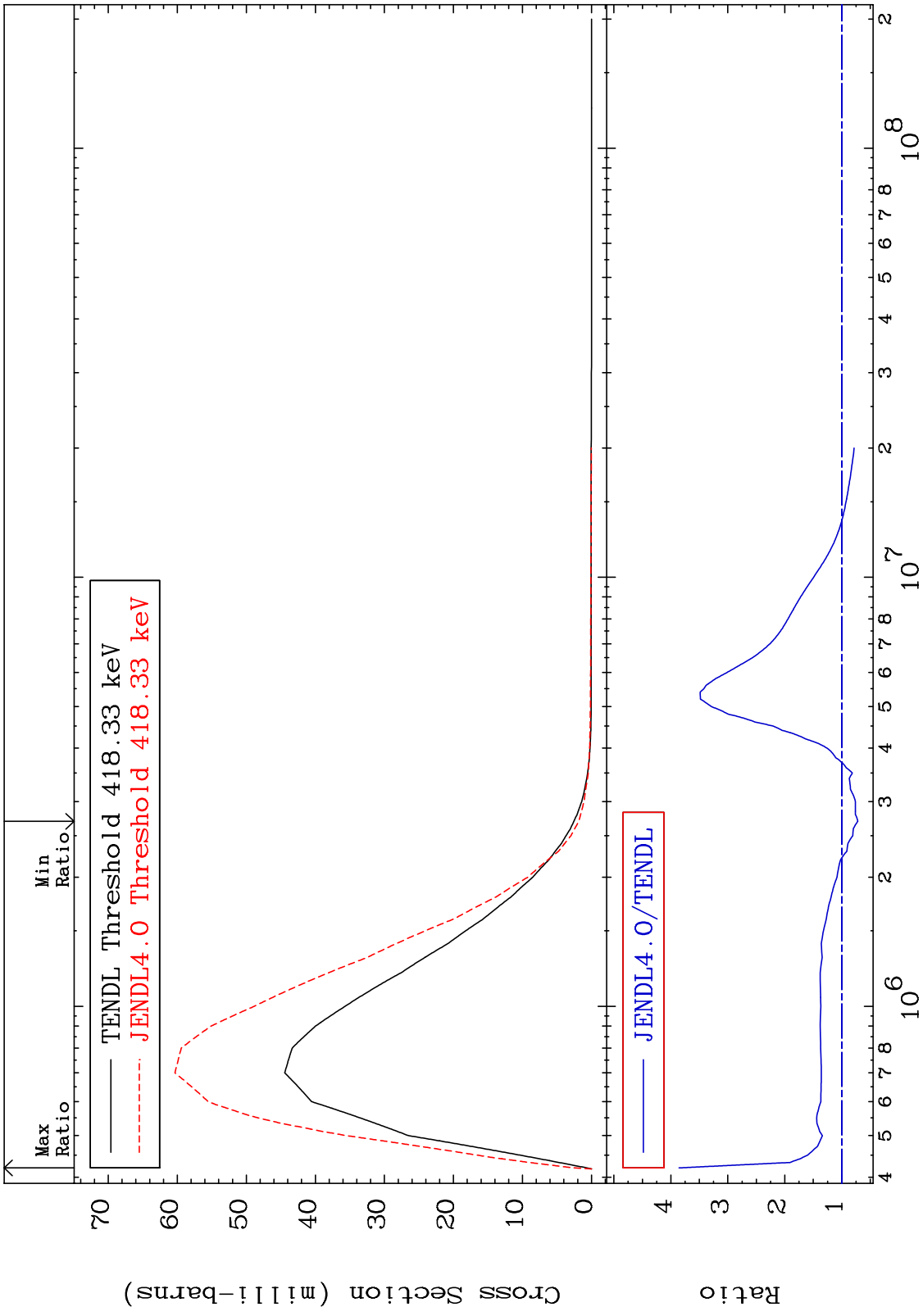
MAT 9640 MT= 58 (n,n') Level Cross Section 96-Cm-245
 -26.80 To 9999. %



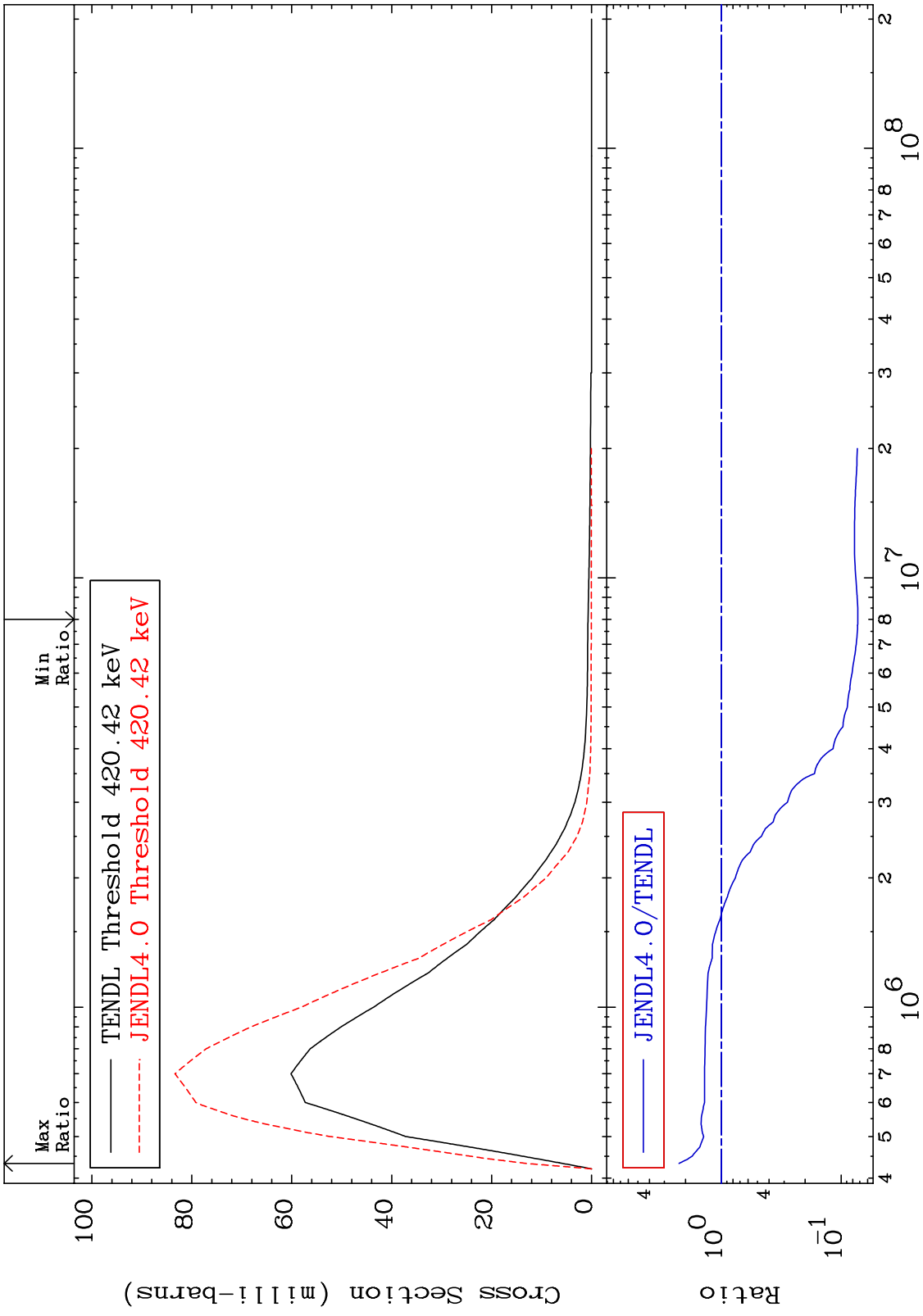
MAT 9640 MT= 59 (n,n') Level Cross Section 96-Cm-245
 -40.68 To 57.66 %



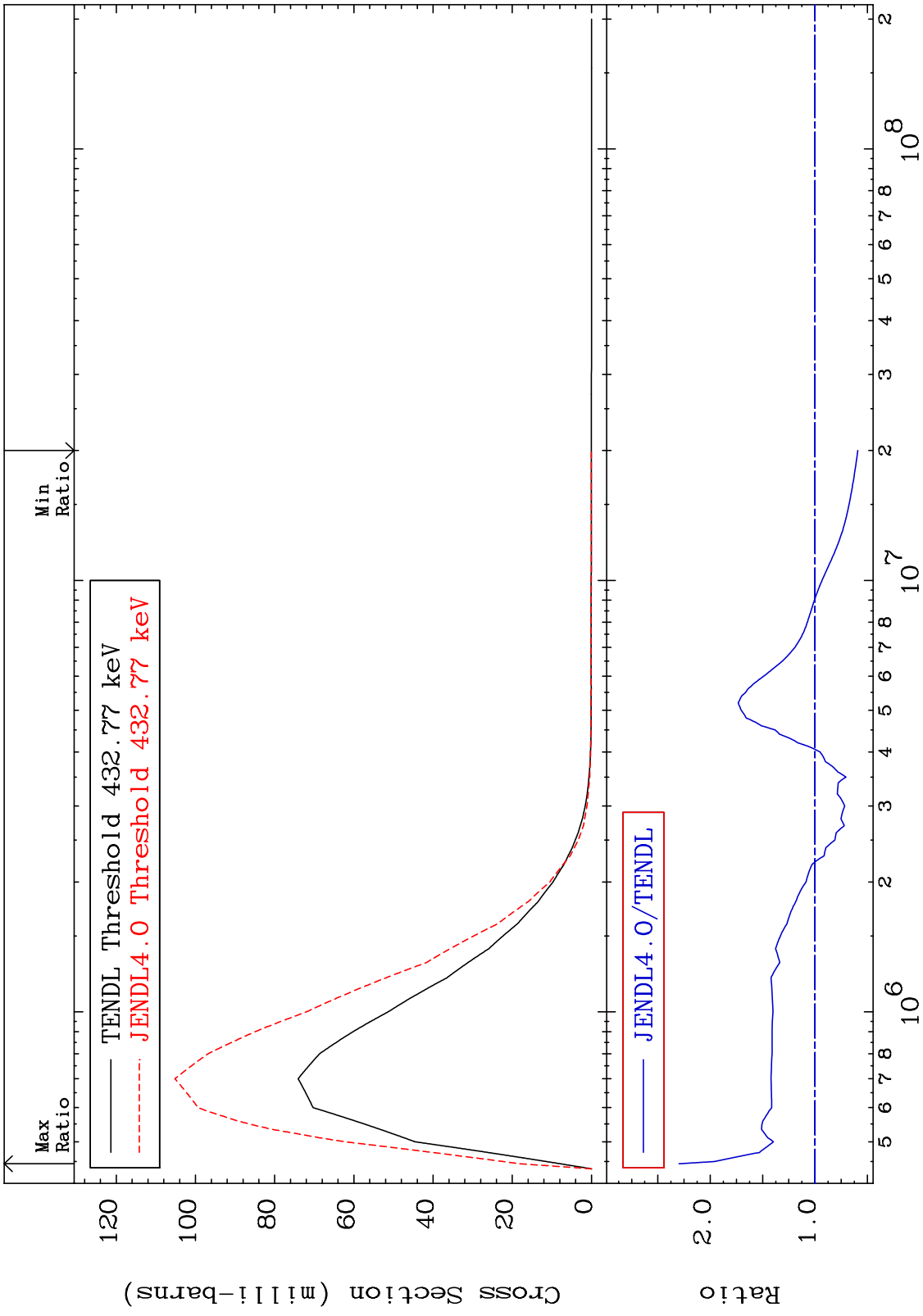
MAT 9640 MT= 60 (n,n') Level 96-Cm-245
 Cross Section -28.21 To 285.6 %



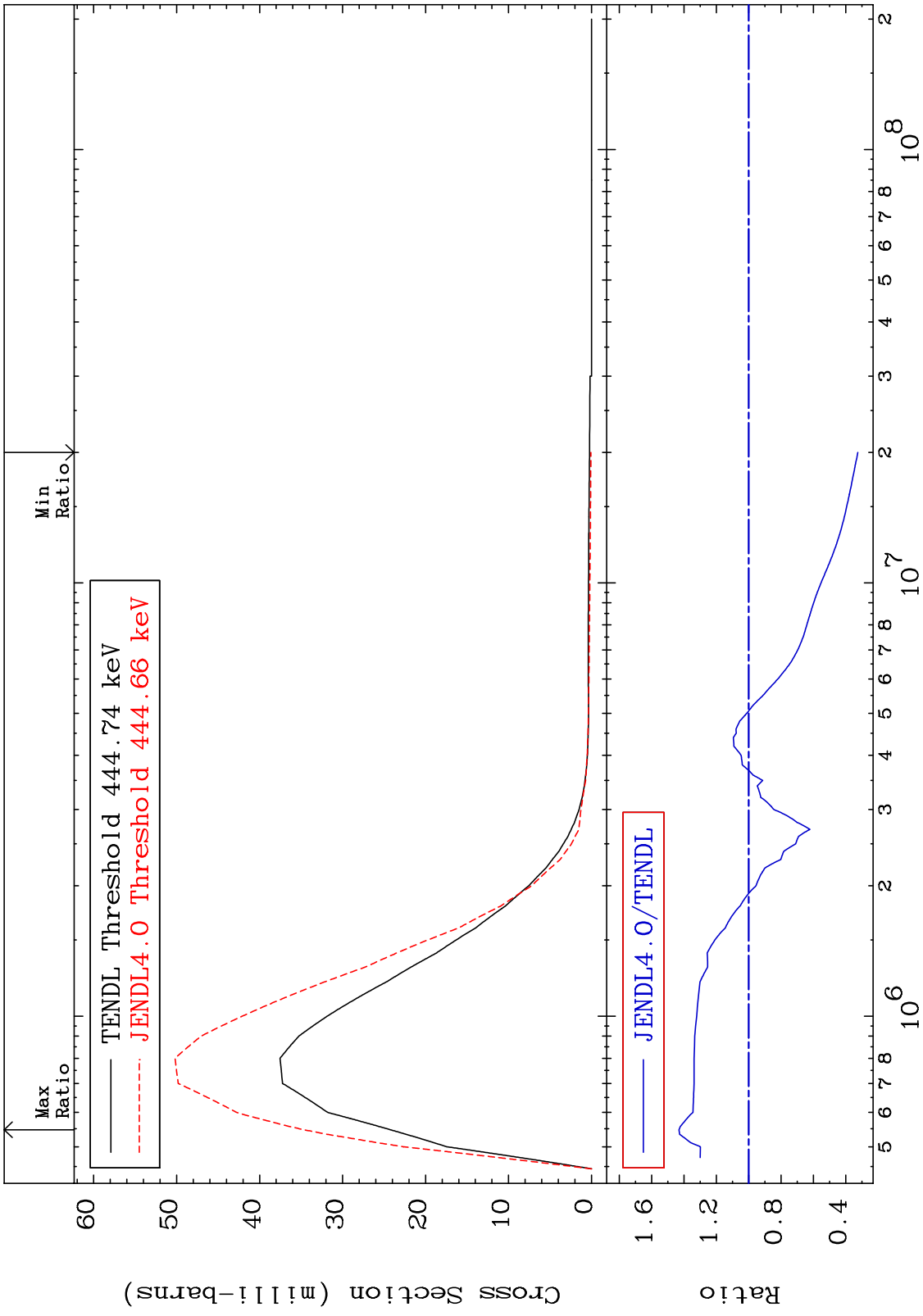
MAT 9640 MT= 61 (n,n') Level Cross Section 96-Cm-245
 -92.75 To 126.2 %



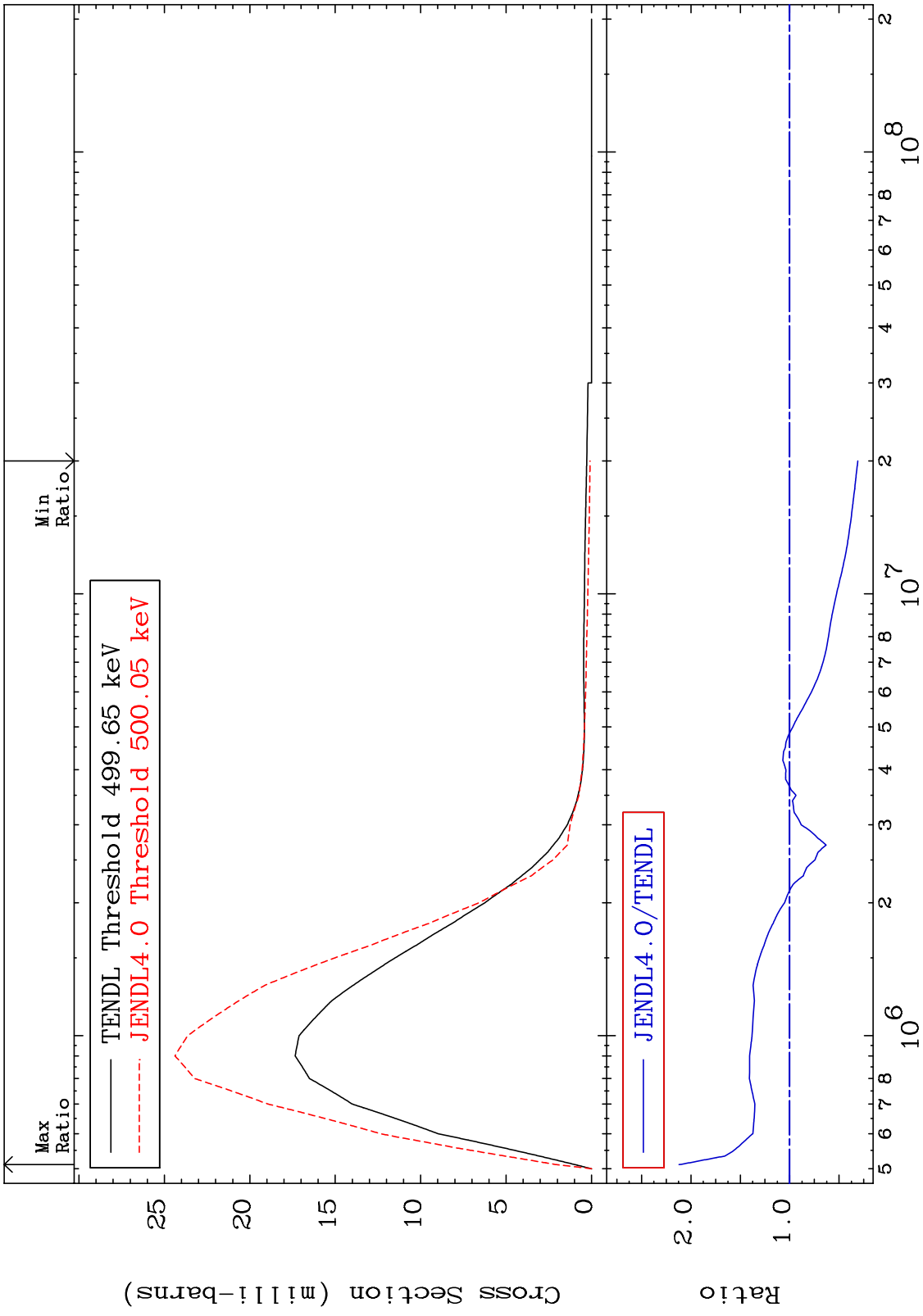
MAT 9640 MT= 62 (n,n') Level Cross Section 96-Cm-245
 -40.89 To 129.8 %



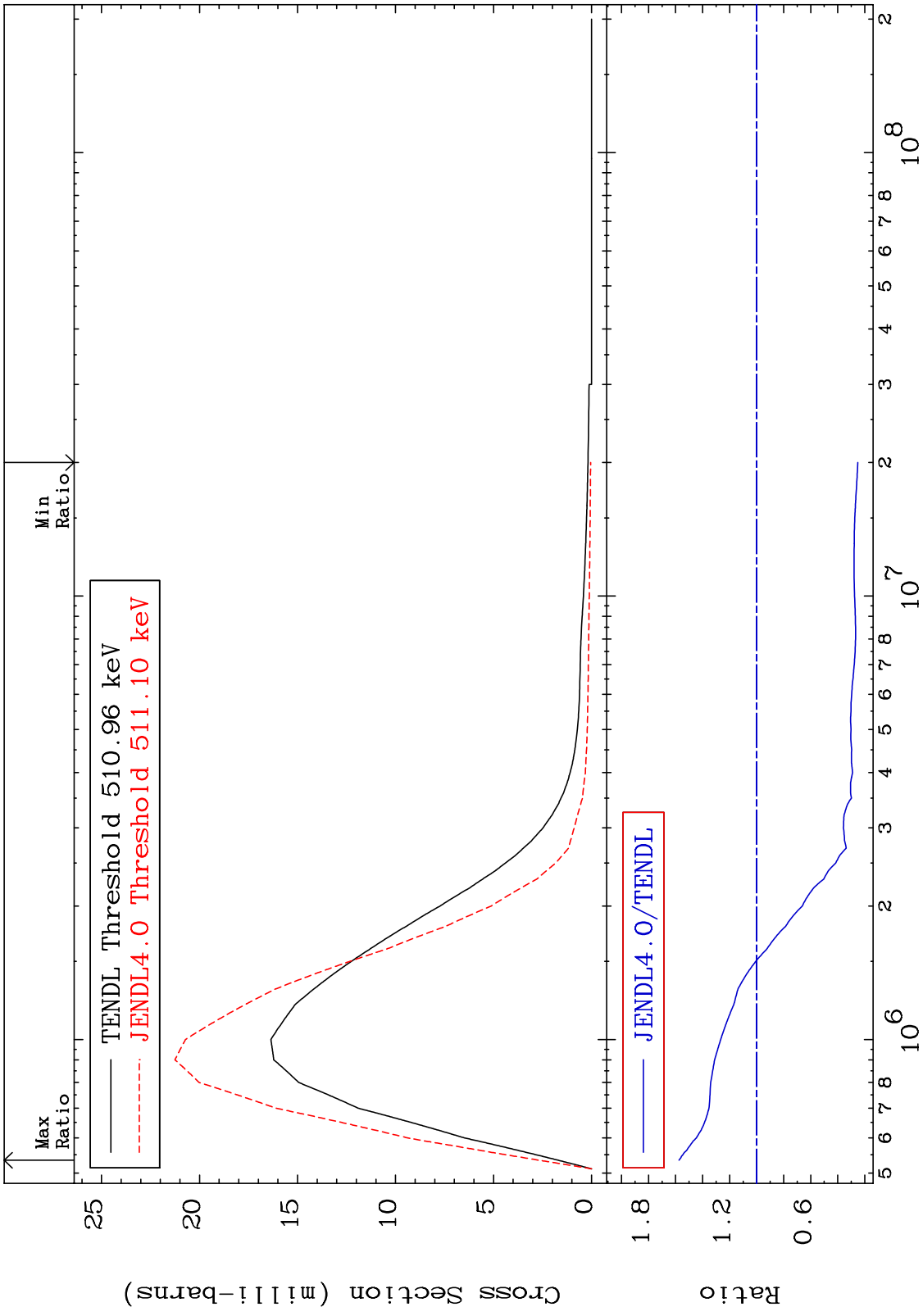
MAT 9640 MT= 63 (n,n') Level Cross Section 96-Cm-245
 -67.41 To 43.06 %



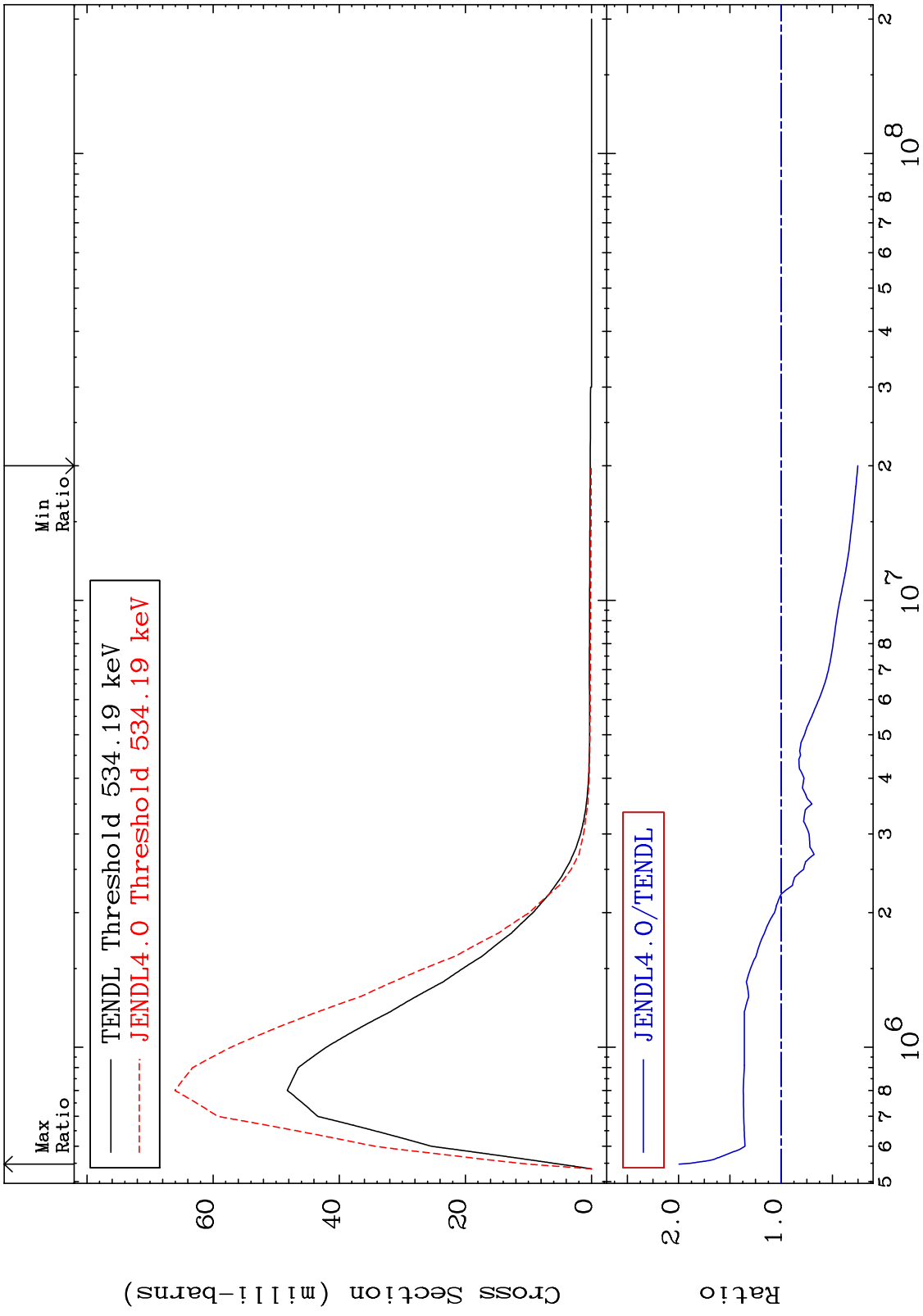
MAT 9640 MT= 64 (n,n') Level Cross Section 96-Cm-245
 -69.00 To 112.0 %



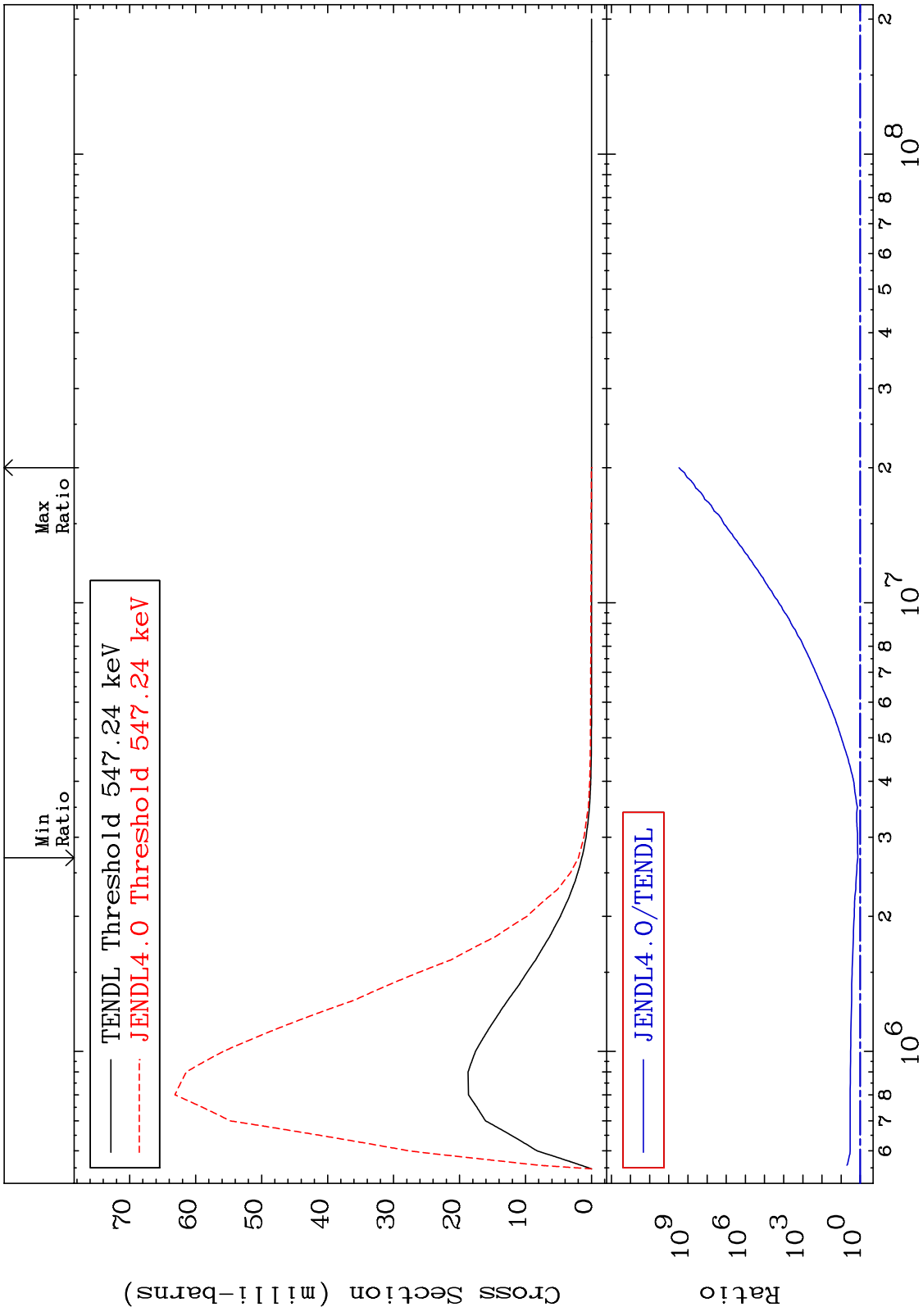
MAT 9640 MT= 65 (n,n') Level Cross Section 96-Cm-245
 -74.89 To 57.44 %



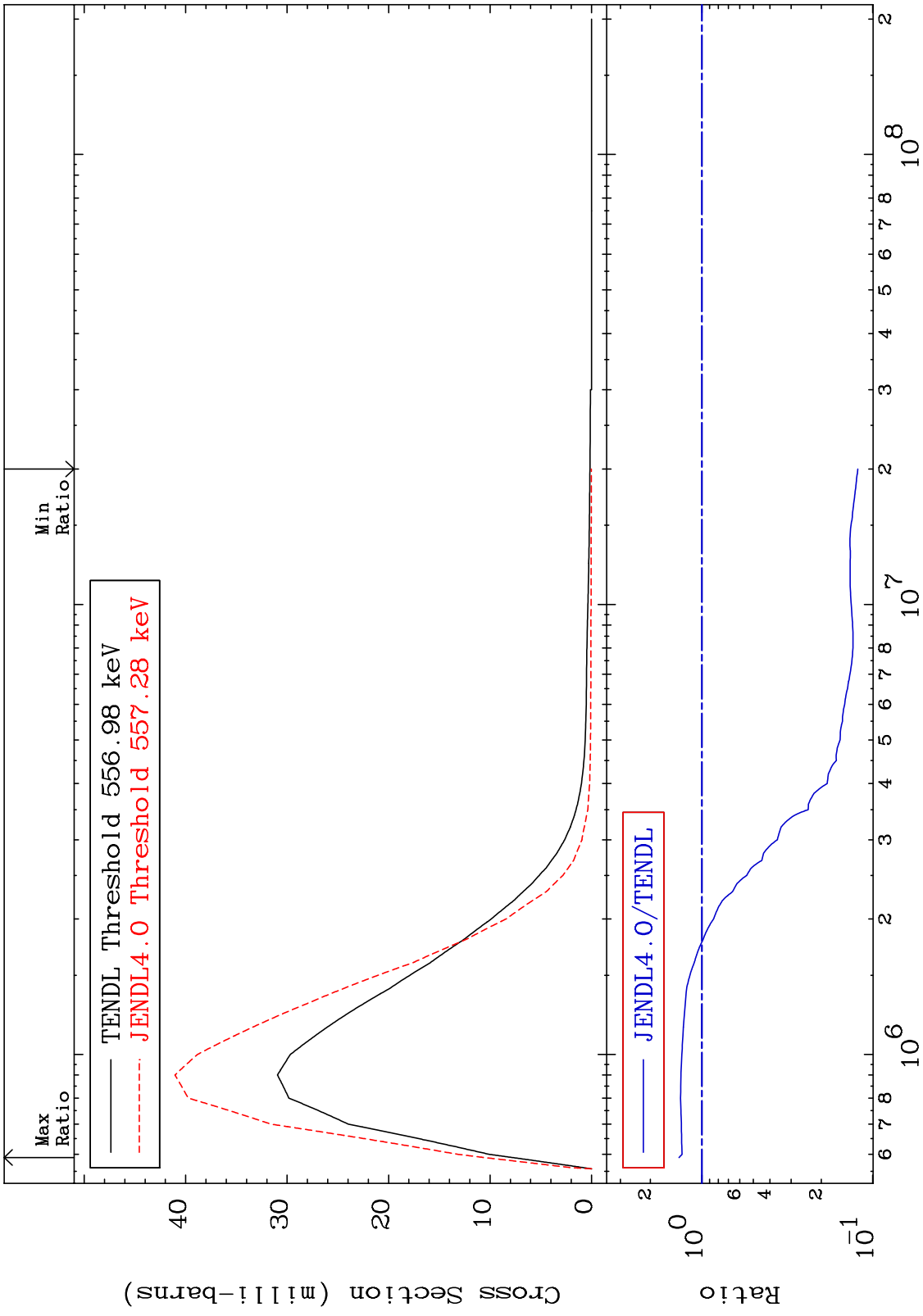
MAT 9640 MT= 66 (n,n') Level Cross Section -74.78 To 99.59 % 96-Cm-245



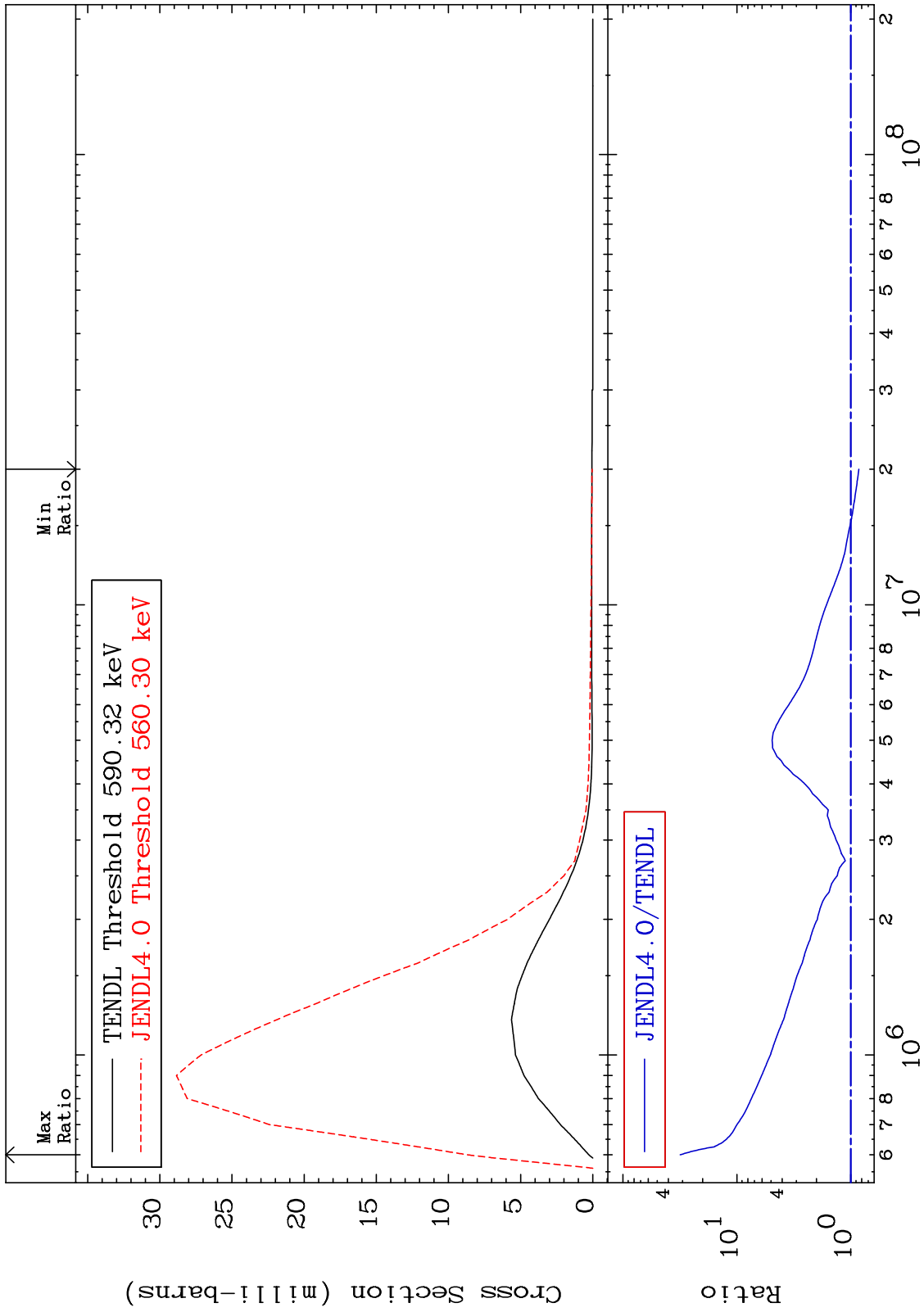
MAT 9640 MT= 67 (n,n') Level Cross Section 34.11 To 9999. % 96-Cm-245



MAT 9640 MT= 68 (n,n') Level Cross Section 96-Cm-245
 -87.78 To 35.97 %

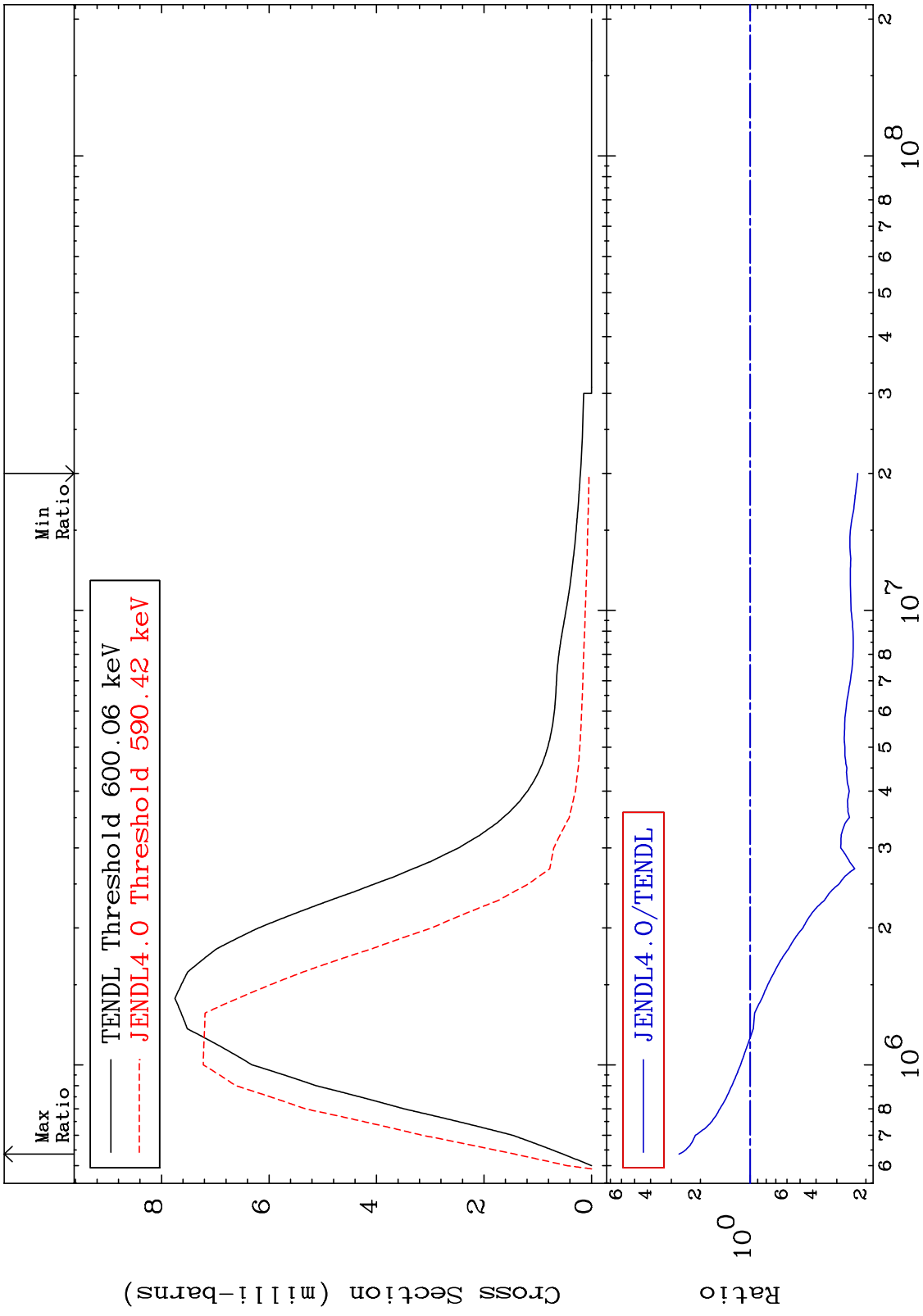


MAT 9640 MT= 69 (n,n') Level Cross Section -15.26 To 3043. % 96-Cm-245

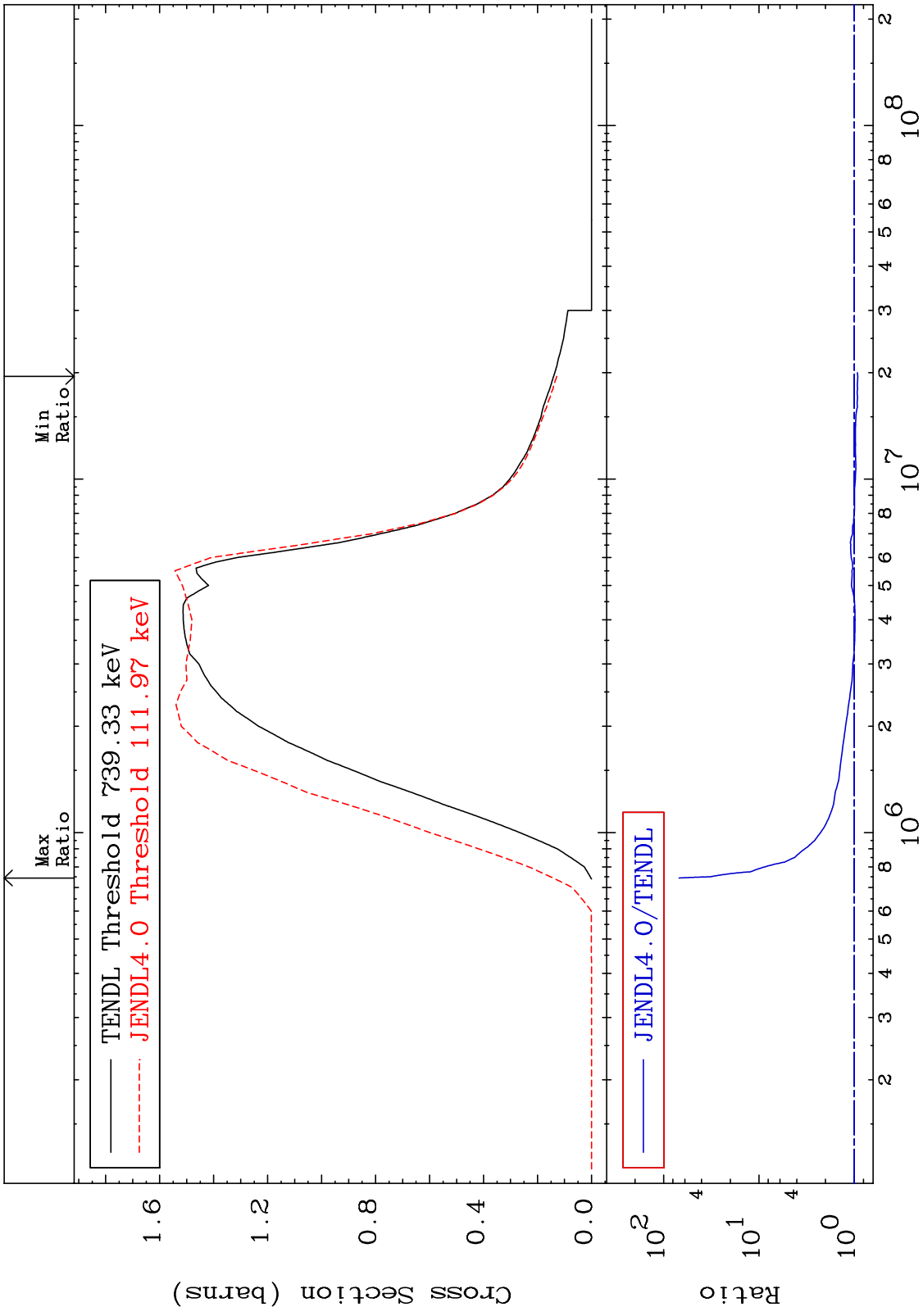


30 96-Cm-245

MAT 9640 MT= 70 (n,n') Level Cross Section 96-Cm-245
 -77.64 To 169.2 %

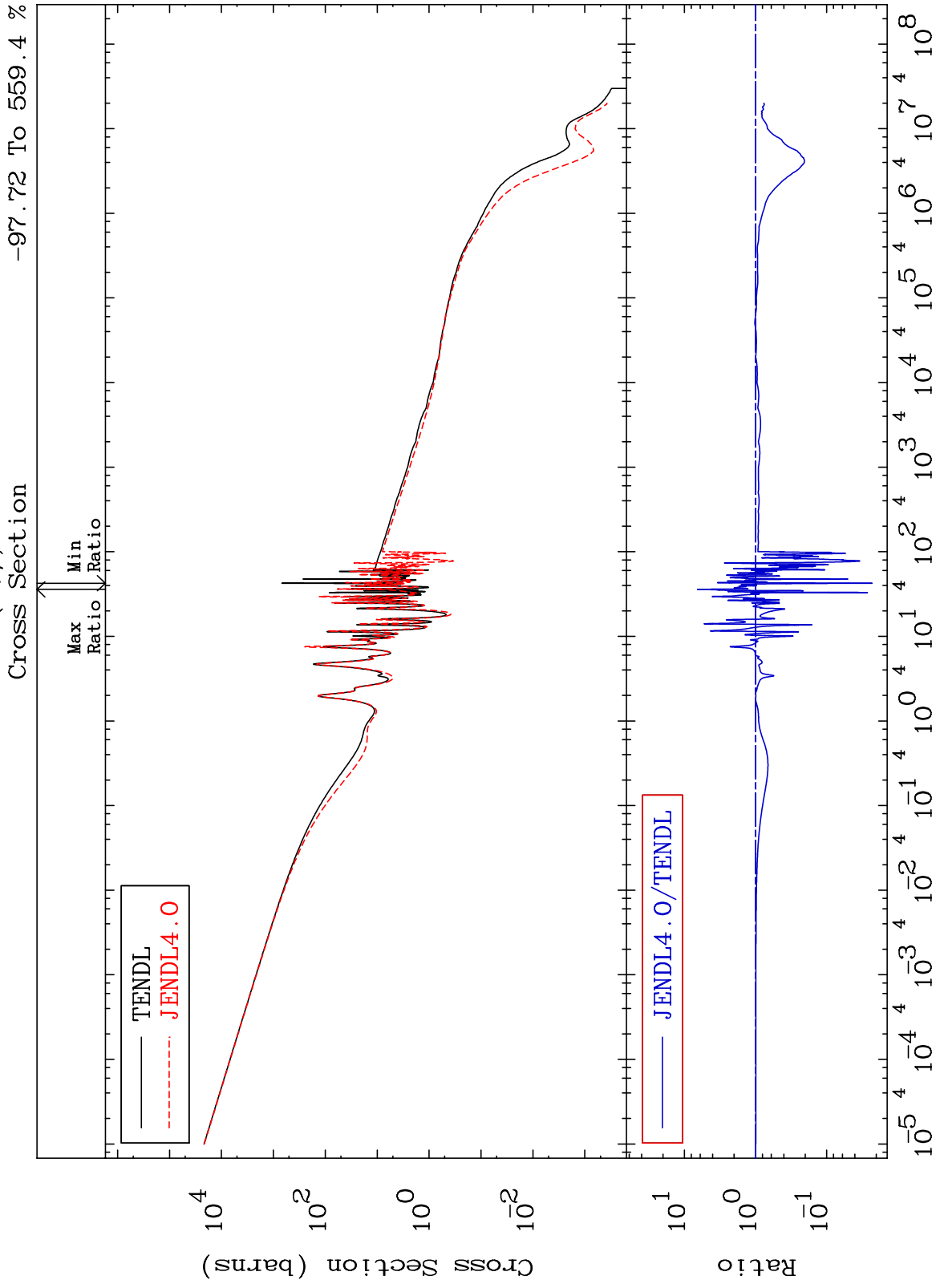


MAT 9640 (n,n') Continuum Cross Section 96-Cm-245 -8.417 To 6792. %



32 96-Cm-245

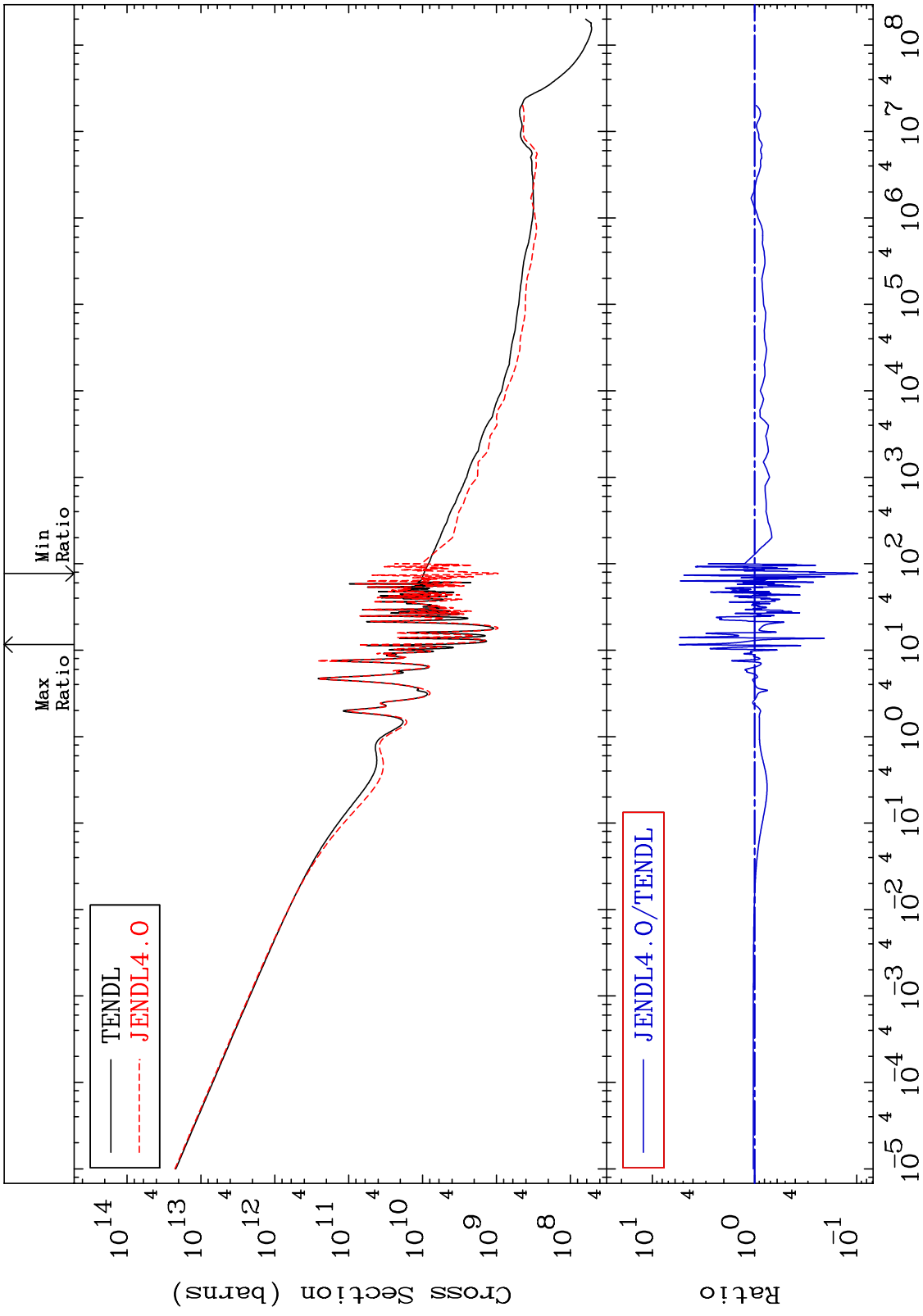
MAT 9640 (n, γ) 96-Cm-245 -97.72 To 559.4 %



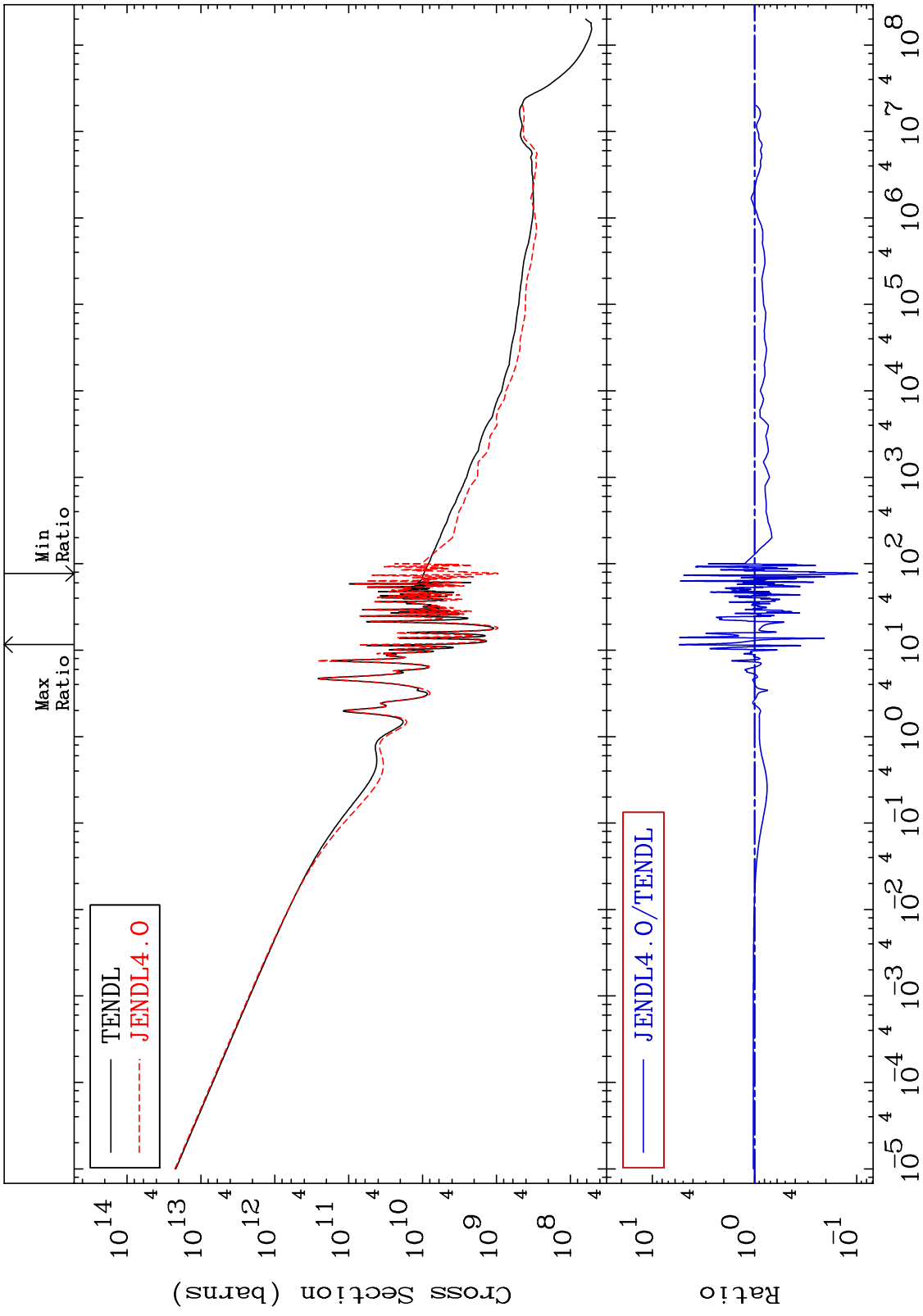
96-Cm-245

96-Cm-245

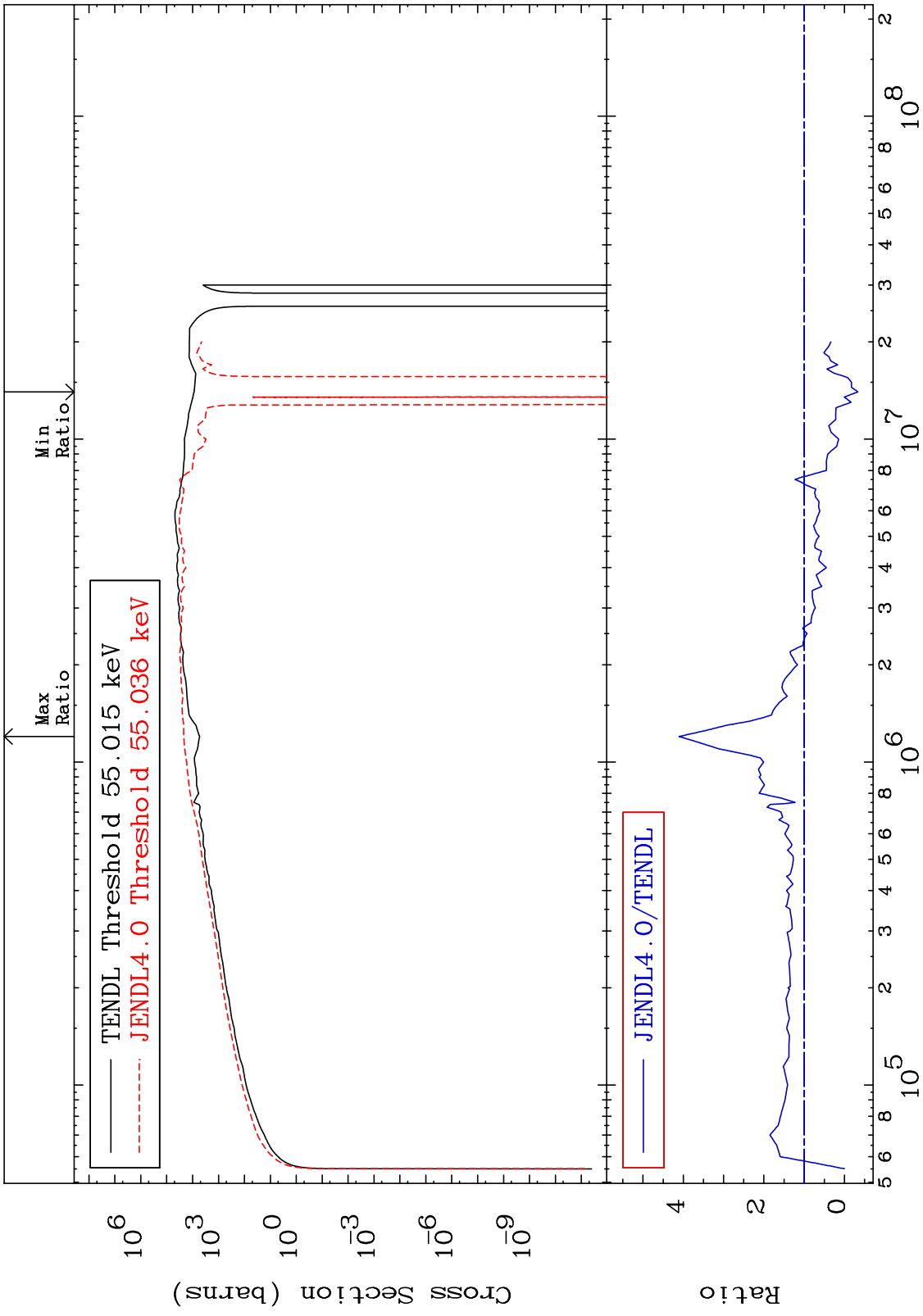
MAT 9640 Kerma total (eV-barns) 96-Cm-245
 Cross Section -90.25 To 447.7 %



MAT 9640 Kerma non-elastic (all but mt.2) 96-Cm-245
 Cross Section -90.25 To 447.7 %



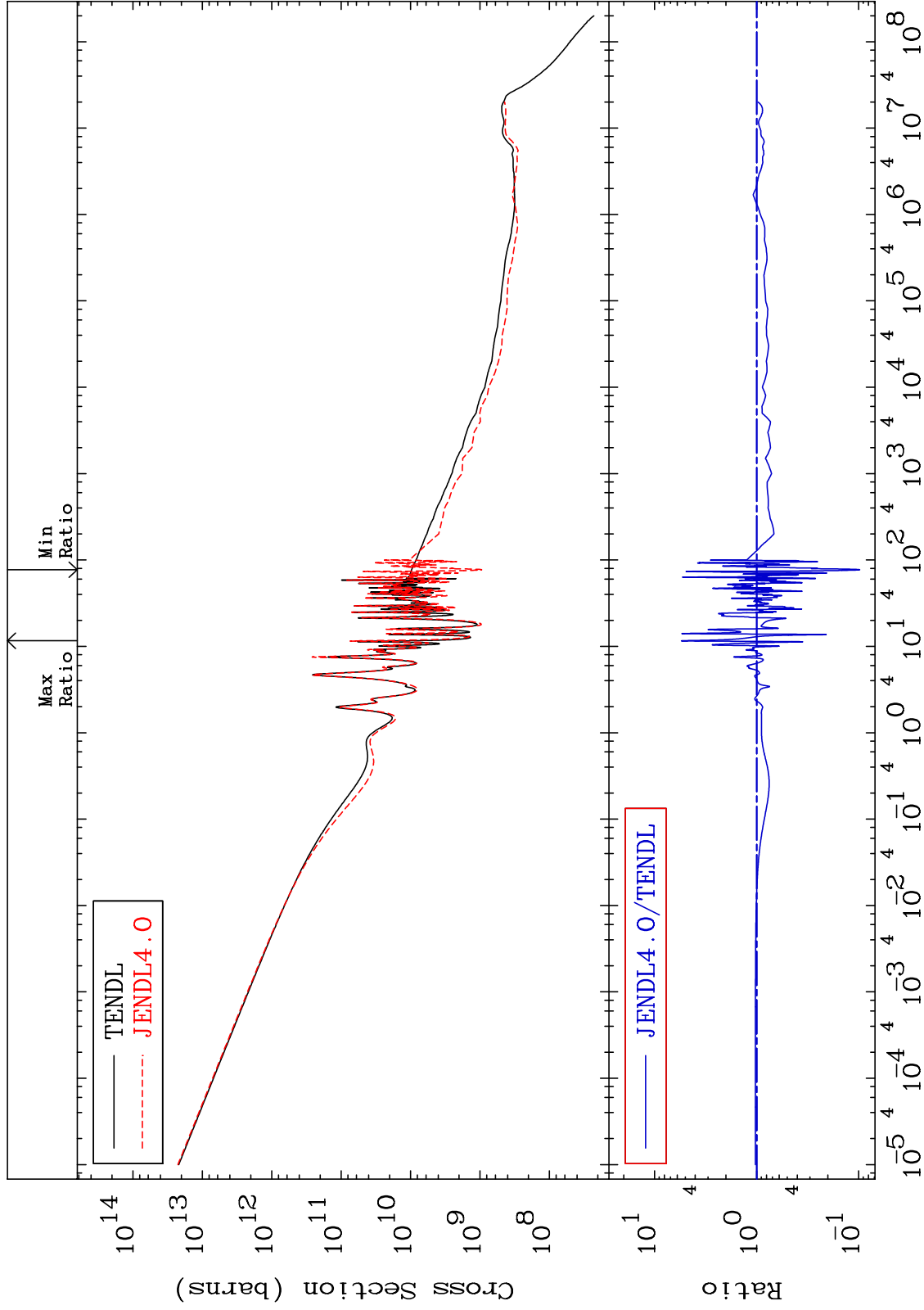
MAT 9640 Kerma inelastic (mt51-91) 96-Cm-245
 Cross Section -133.1 To 310.5 %



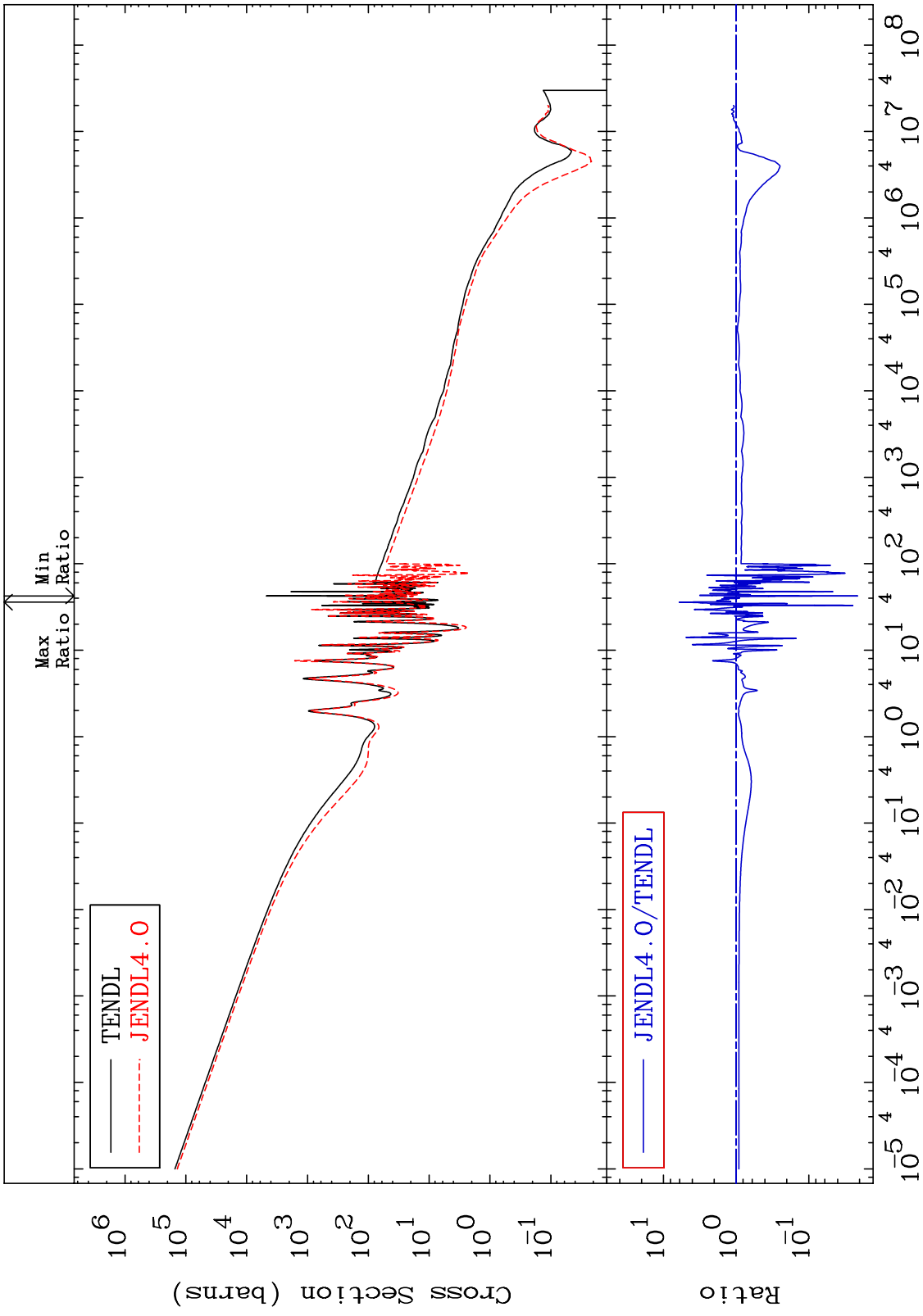
MAT 9640

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

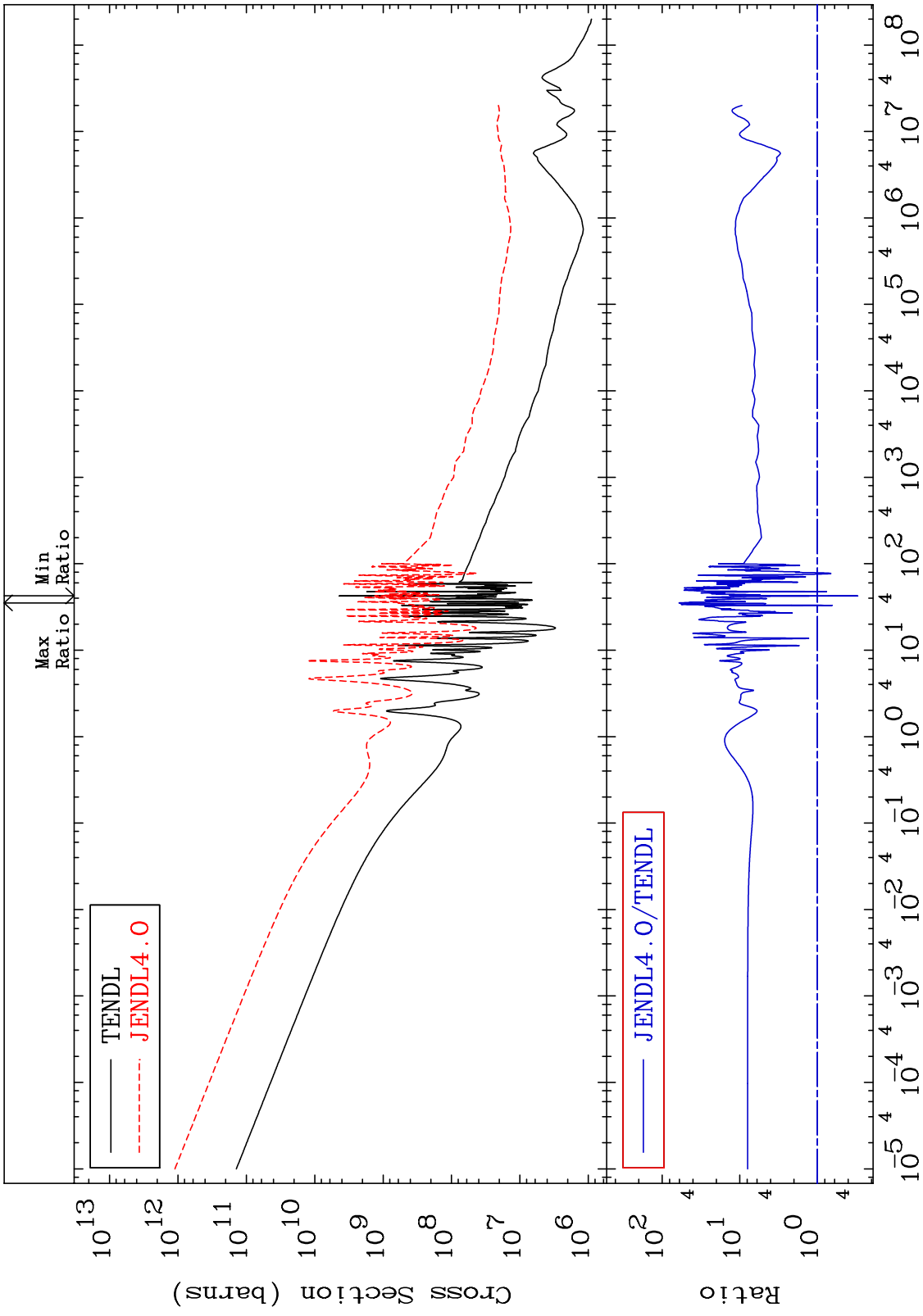
96-Cm-245
-90.25 To 447.7 %



MAT 9640 Kerma capture (mt102) 96-Cm-245
 Cross Section -97.89 To 509.5 %

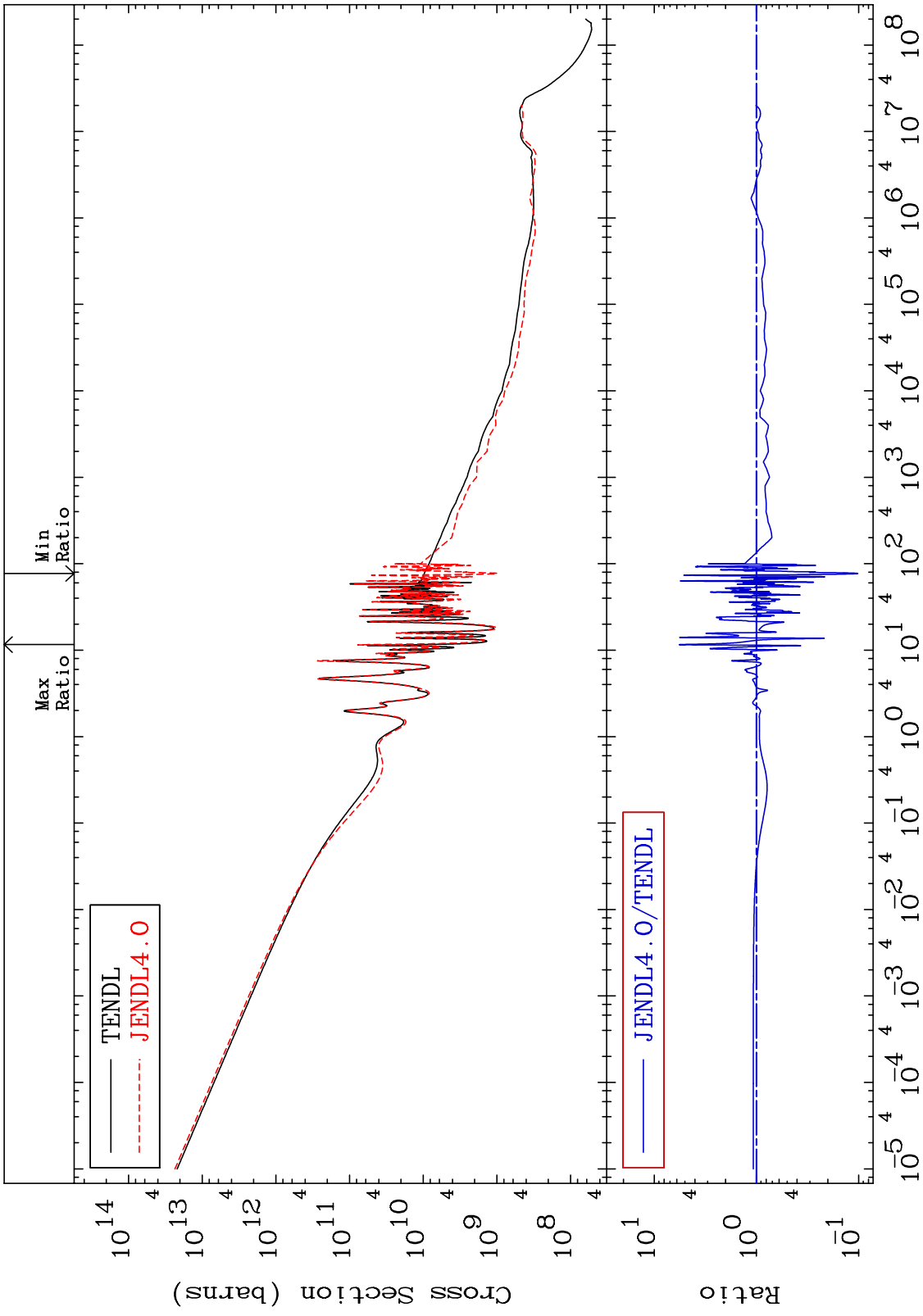


MAT 9640 Total photon (eV-barns) Cross Section 96-Cm-245 -69.95 To 5959. %



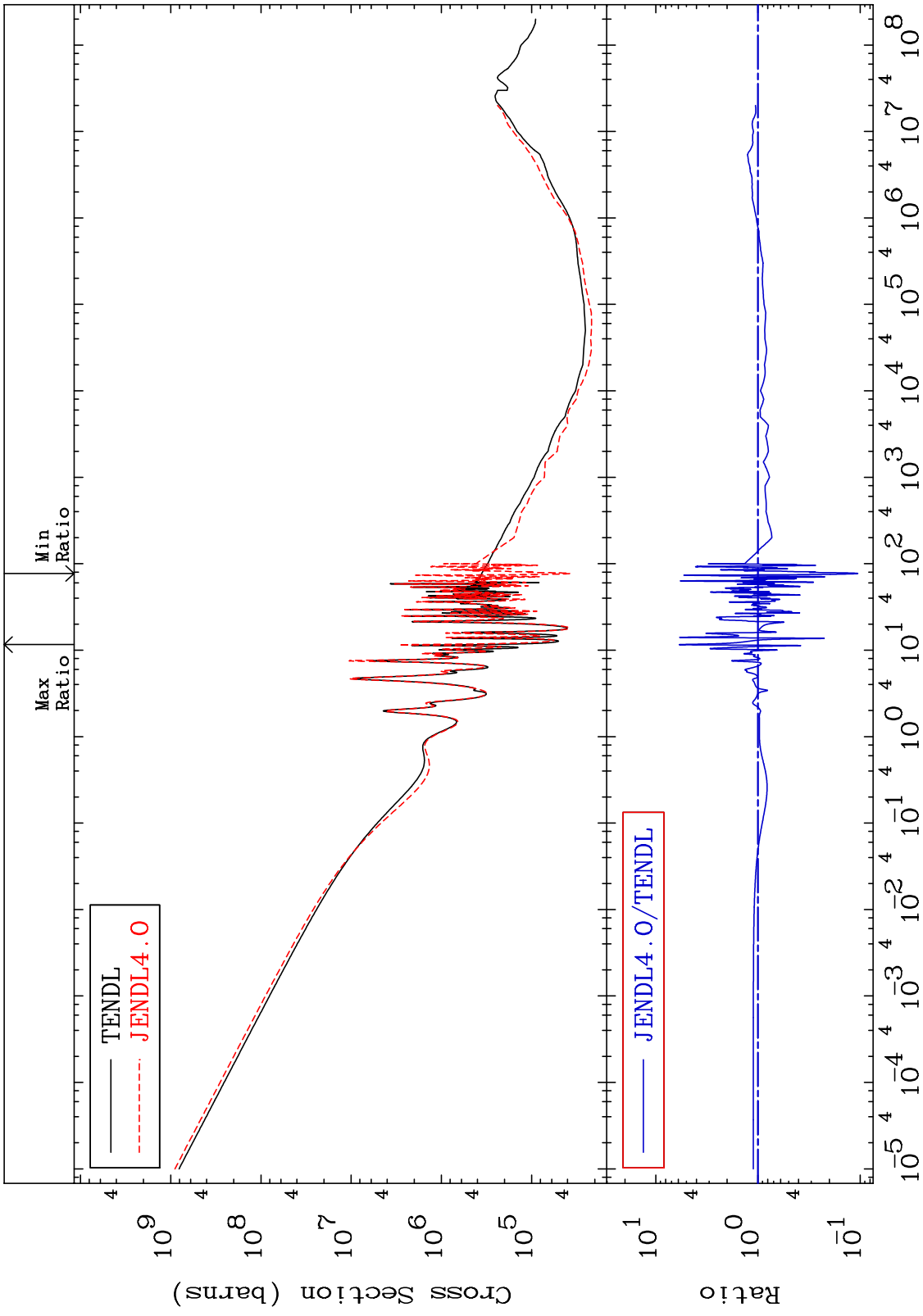
40 96-Cm-245

MAT 9640 Total kinematic kerma (high limit) 96-Cm-245
 Cross Section -89.84 To 471.3 %

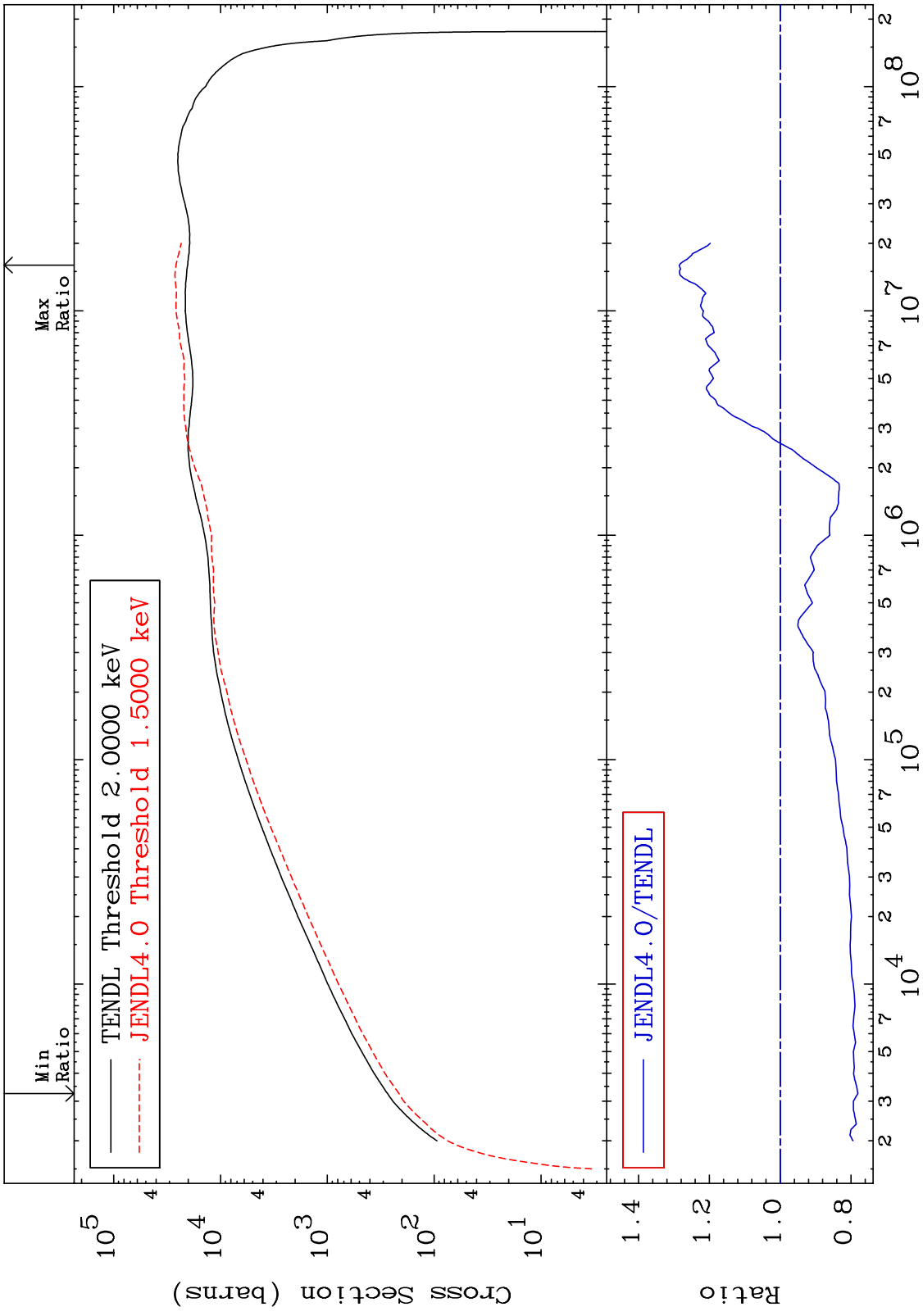


41 Incident Energy (eV) 96-Cm-245

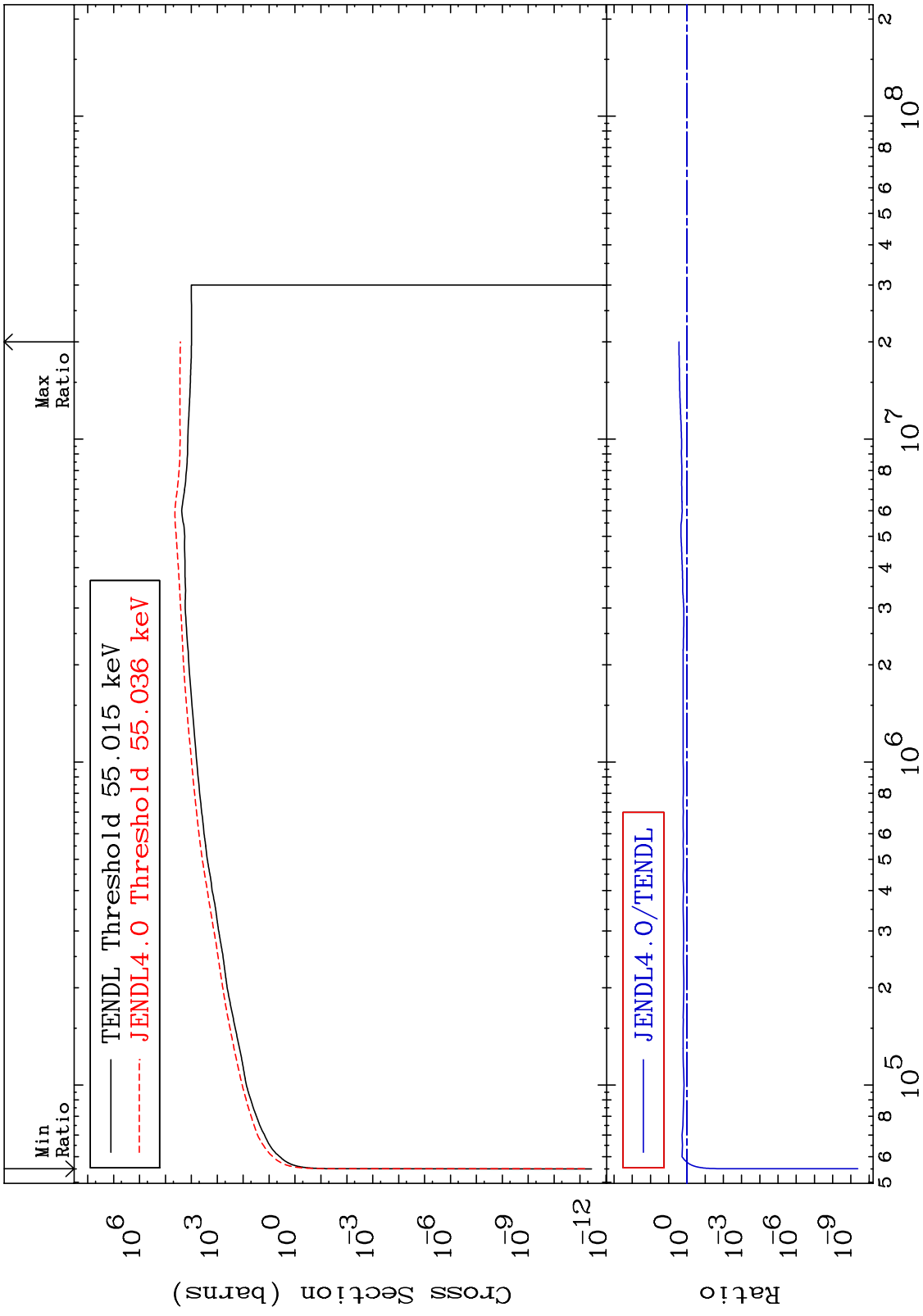
MAT 9640 Dpa total (eV-barns) 96-Cm-245
 Cross Section -89.48 To 491.3 %



MAT 9640 96-Cm-245
 Dpa elastic (mt2) -21.94 To 28.57 %
 Cross Section



MAT 9640 Dpa inelastic (mt51-91) 96-Cm-245
 Cross Section -100.0 To 169.7 %



MAT 9640 Dpa disappearance (mt102 -120) 96-Cm-245
Cross Section -100.0 To 412.6 %

