

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

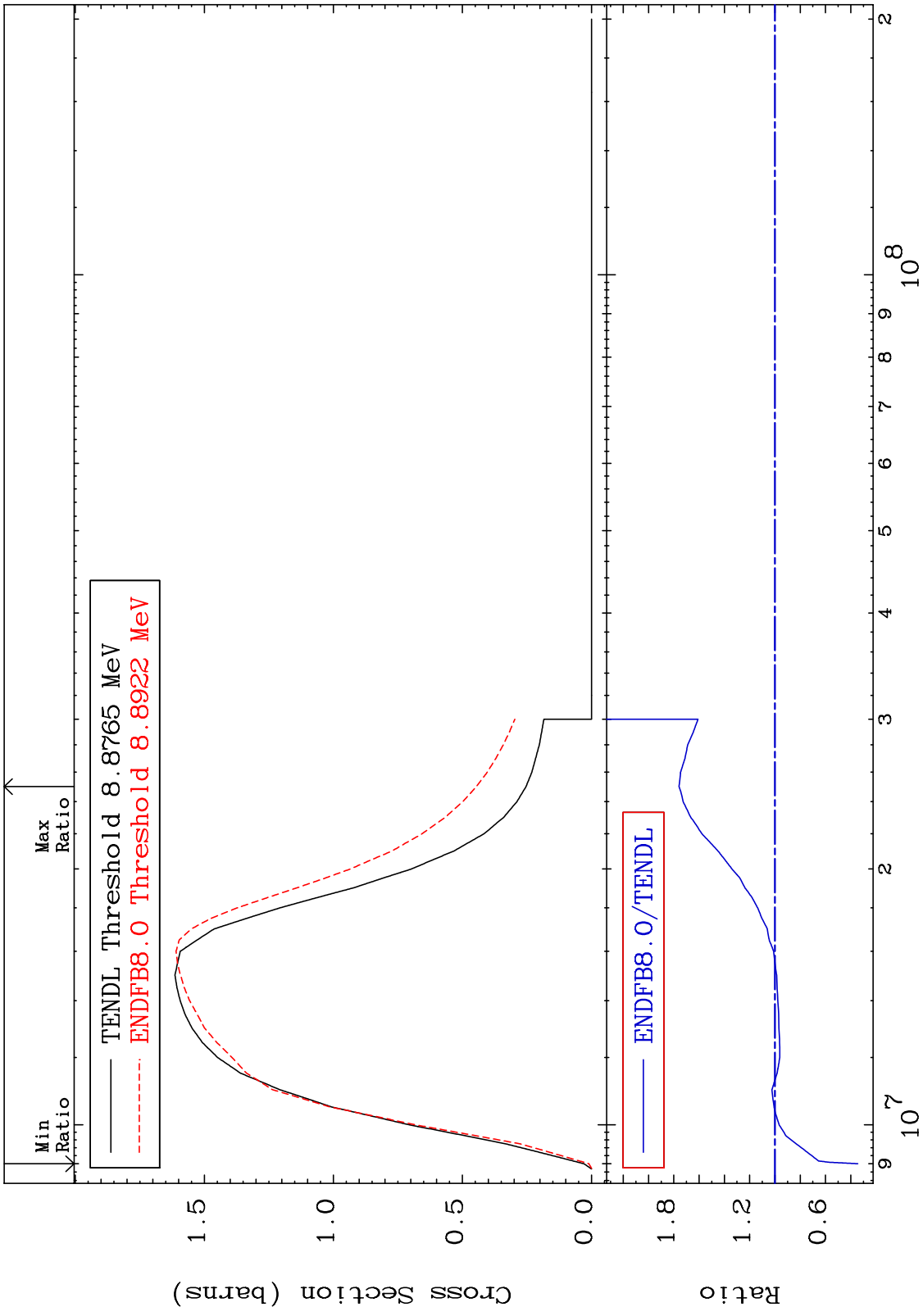
U.S.A.

Tele: 925-443-1911

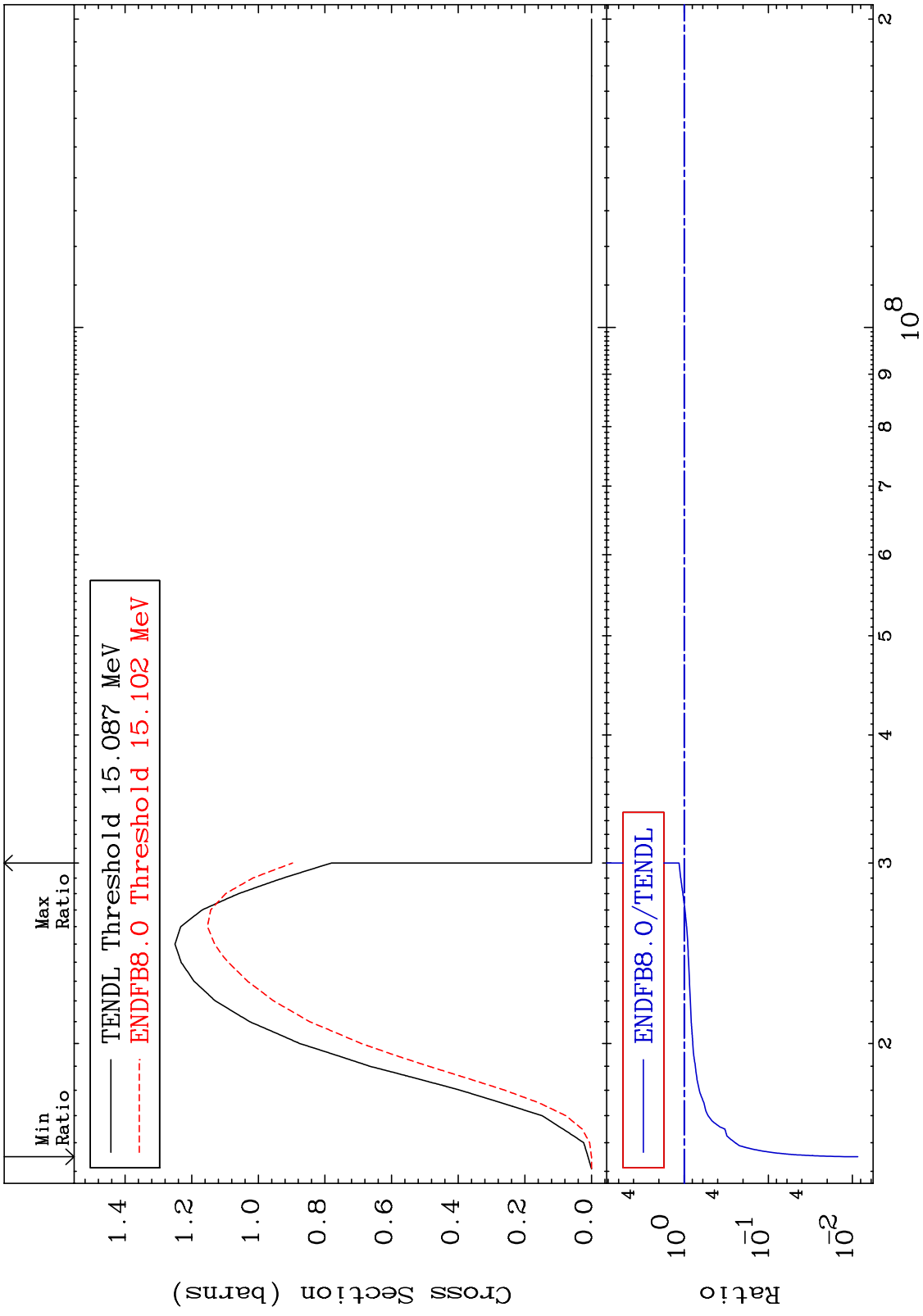
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

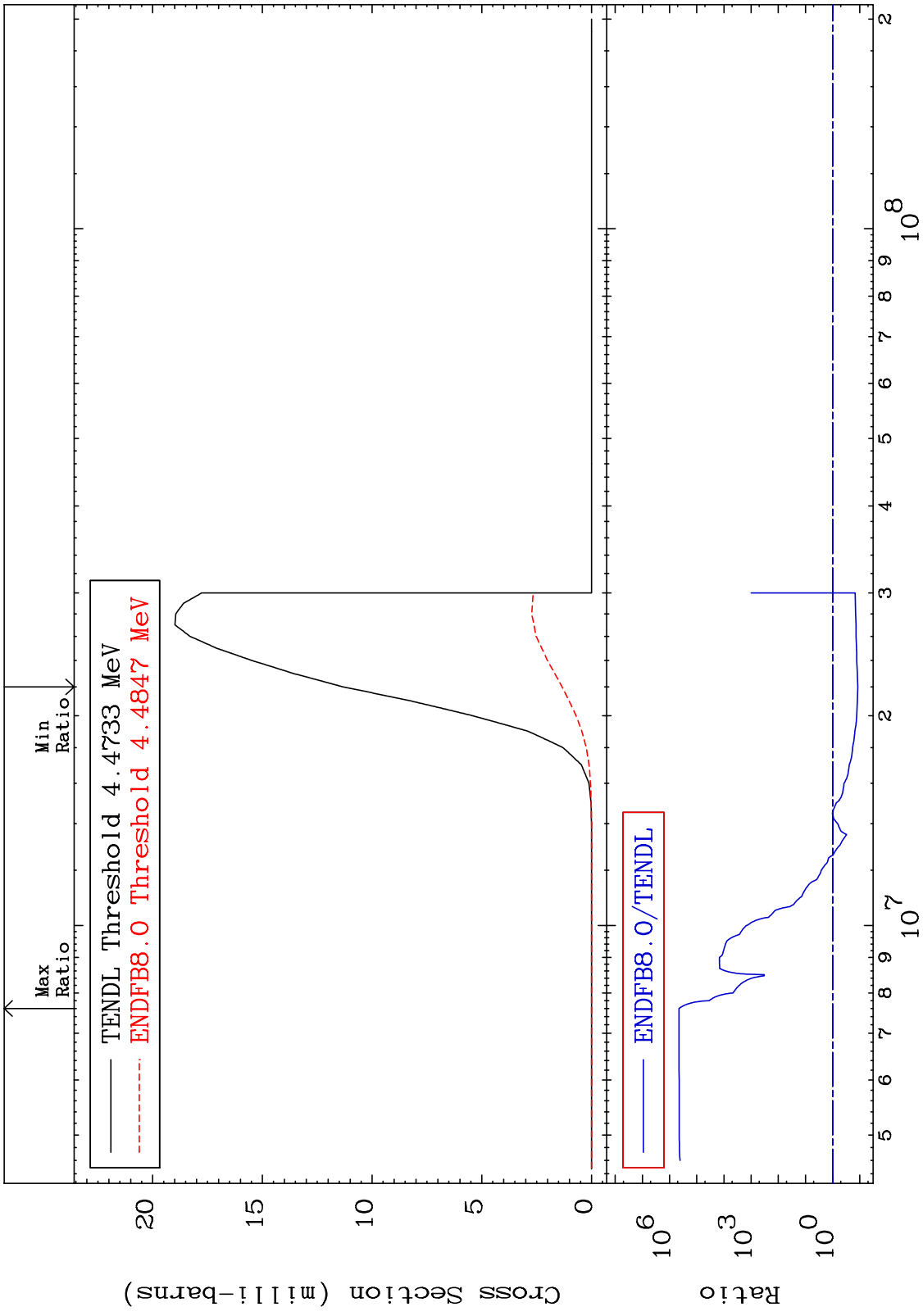
MAT 4649 (n,2n) Cross Section 46-Pd-110 -65.60 To 75.85 %



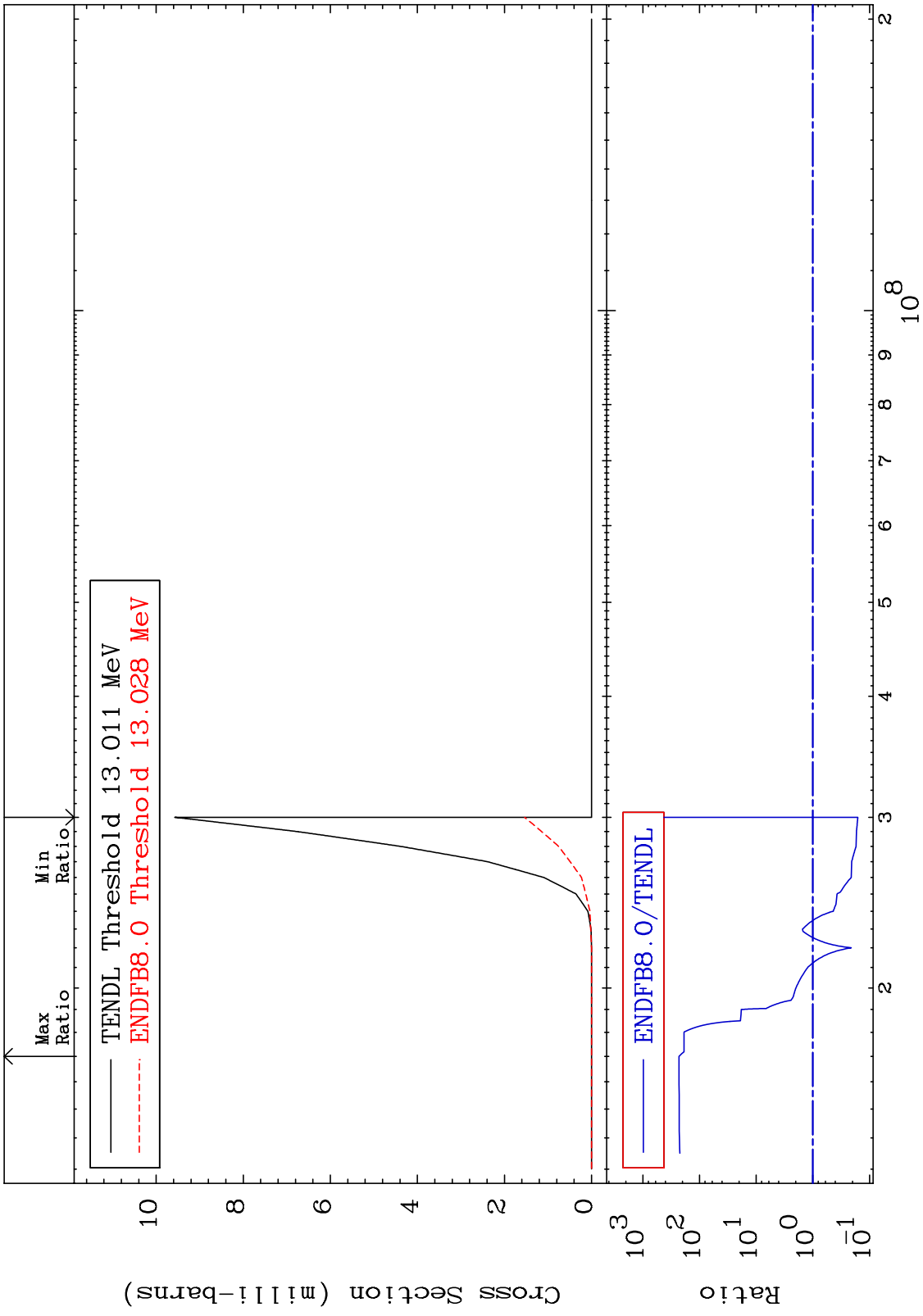
46-Pd-110



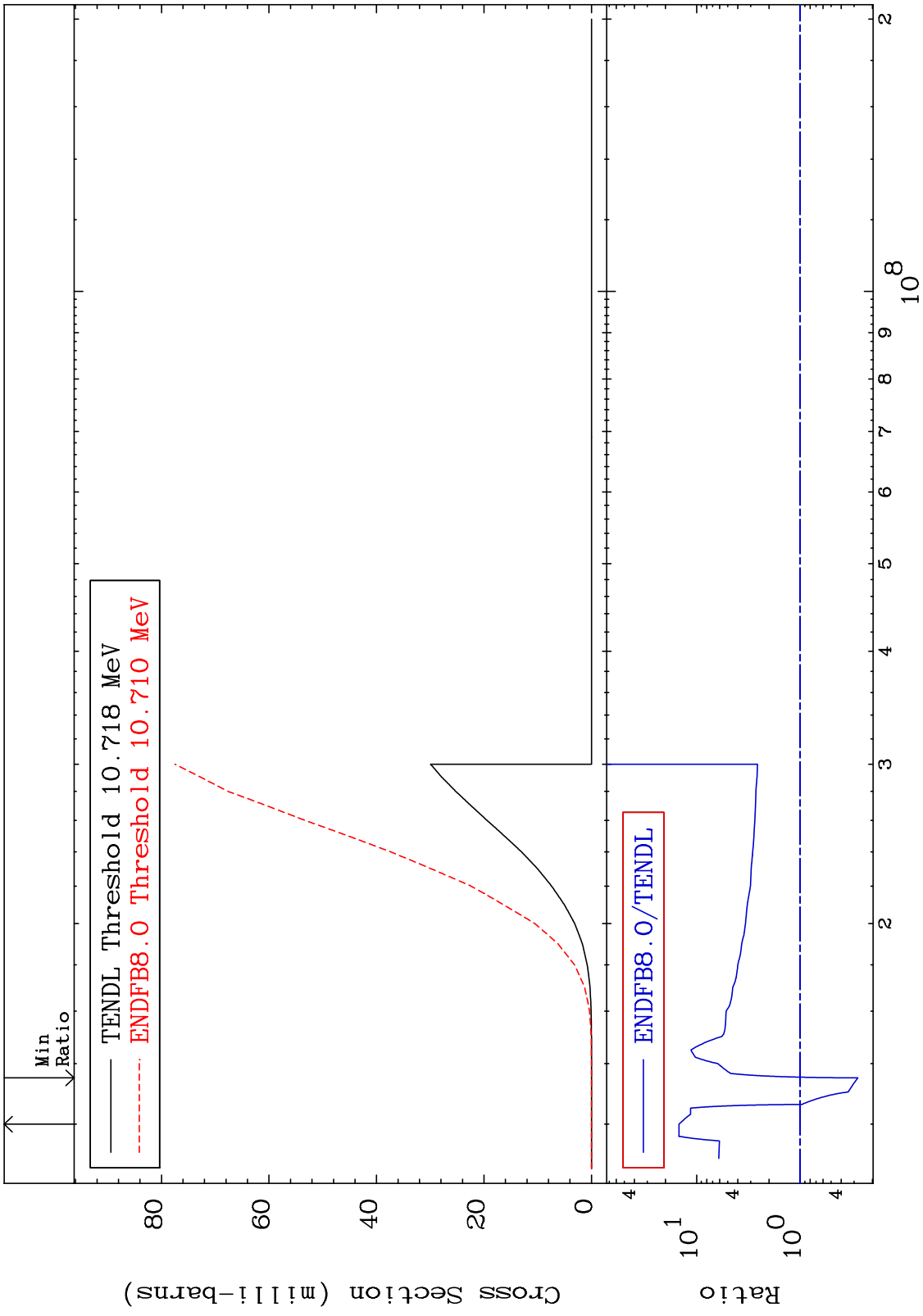
MAT 4649 (n,n') α 46-Pd-110
 Cross Section -88.15 To 9999. %



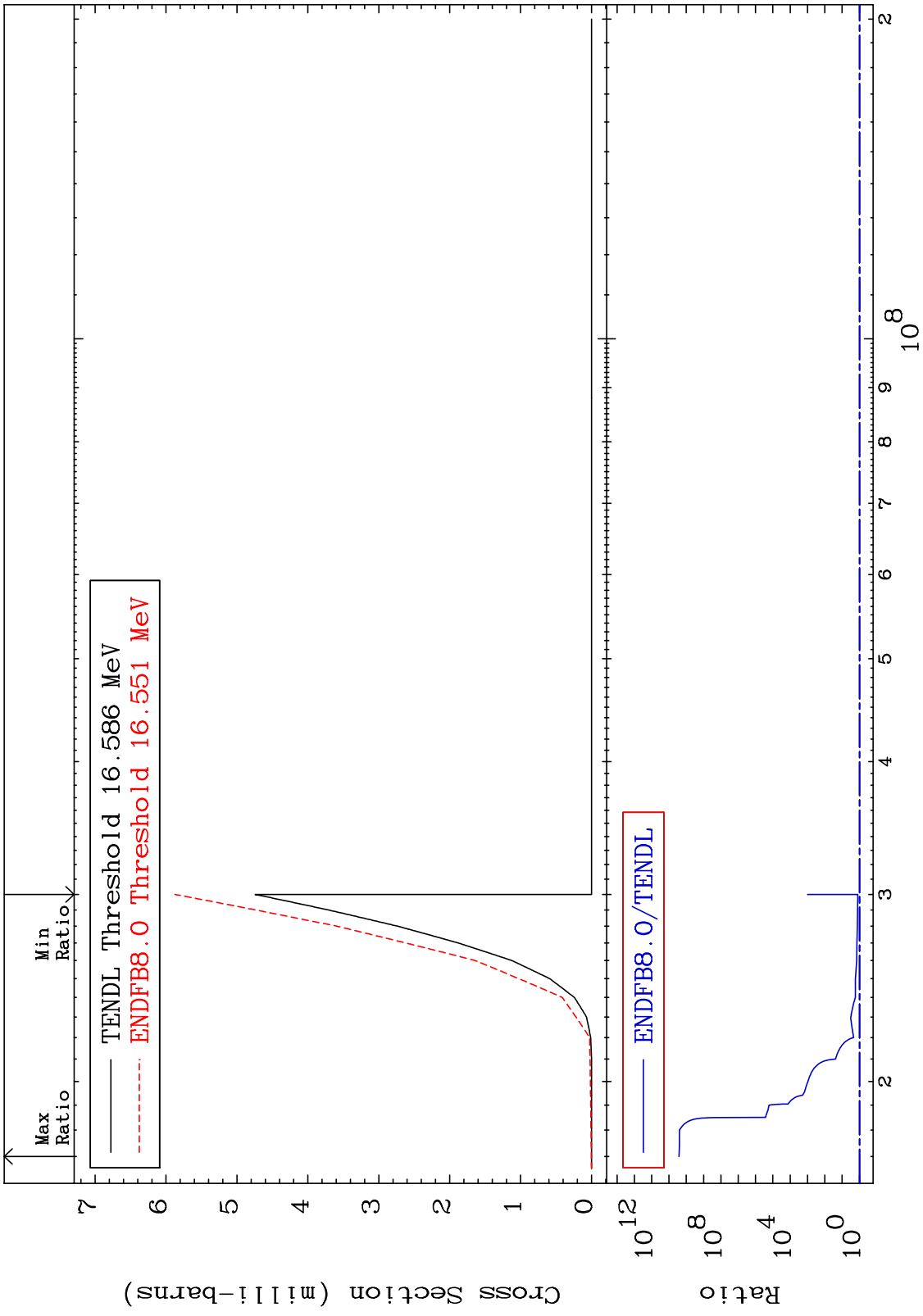
MAT 4649 (n,2n) α 46-Pd-110
 Cross Section -83.94 To 9999. %



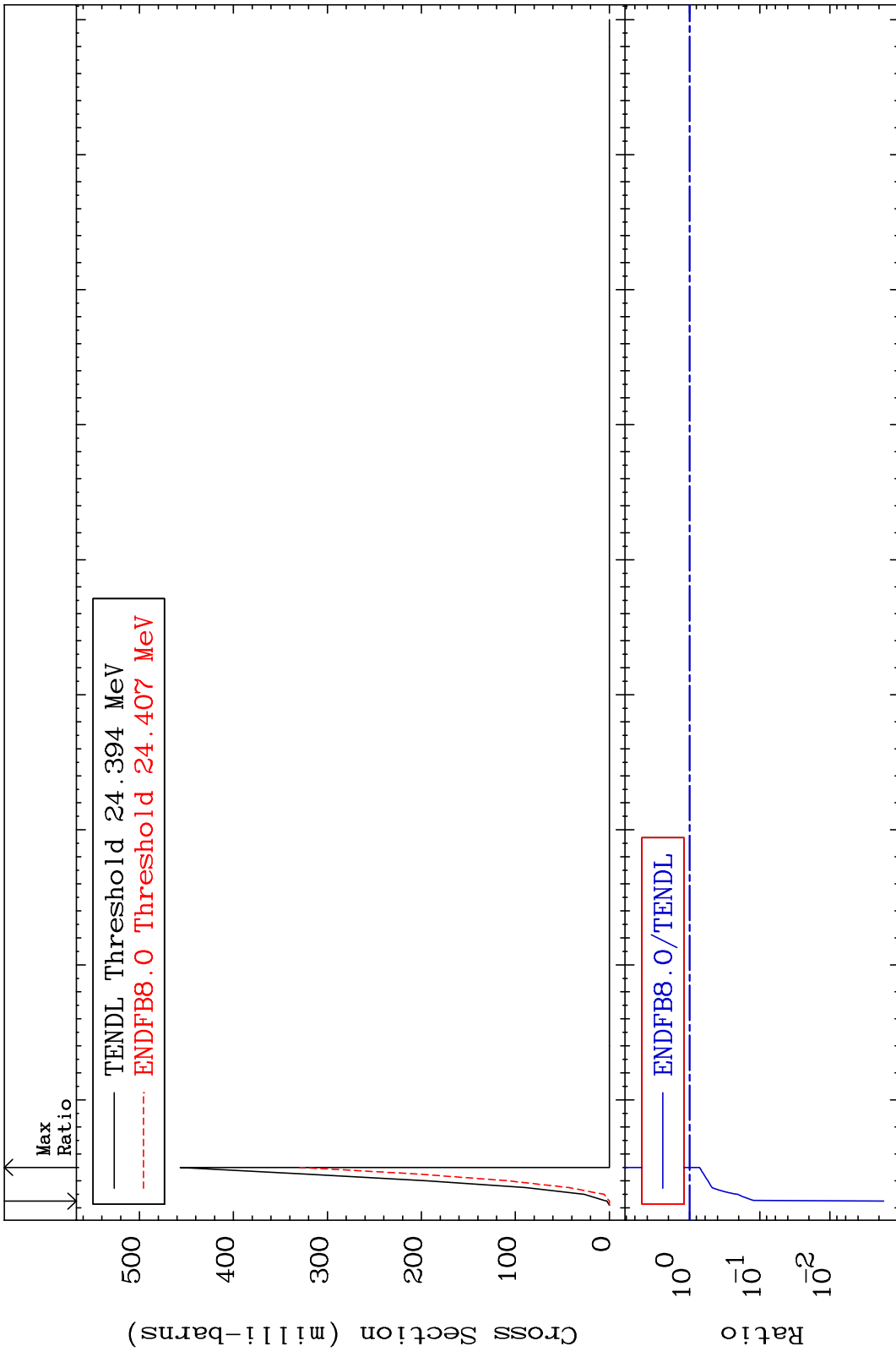
MAT 4649 (n,n') p 46-Pd-110
 Cross Section -72.36 To 1379. %



MAT 4649 (n,n') d 46-Pd-110
 Cross Section 23.86 To 9999. %

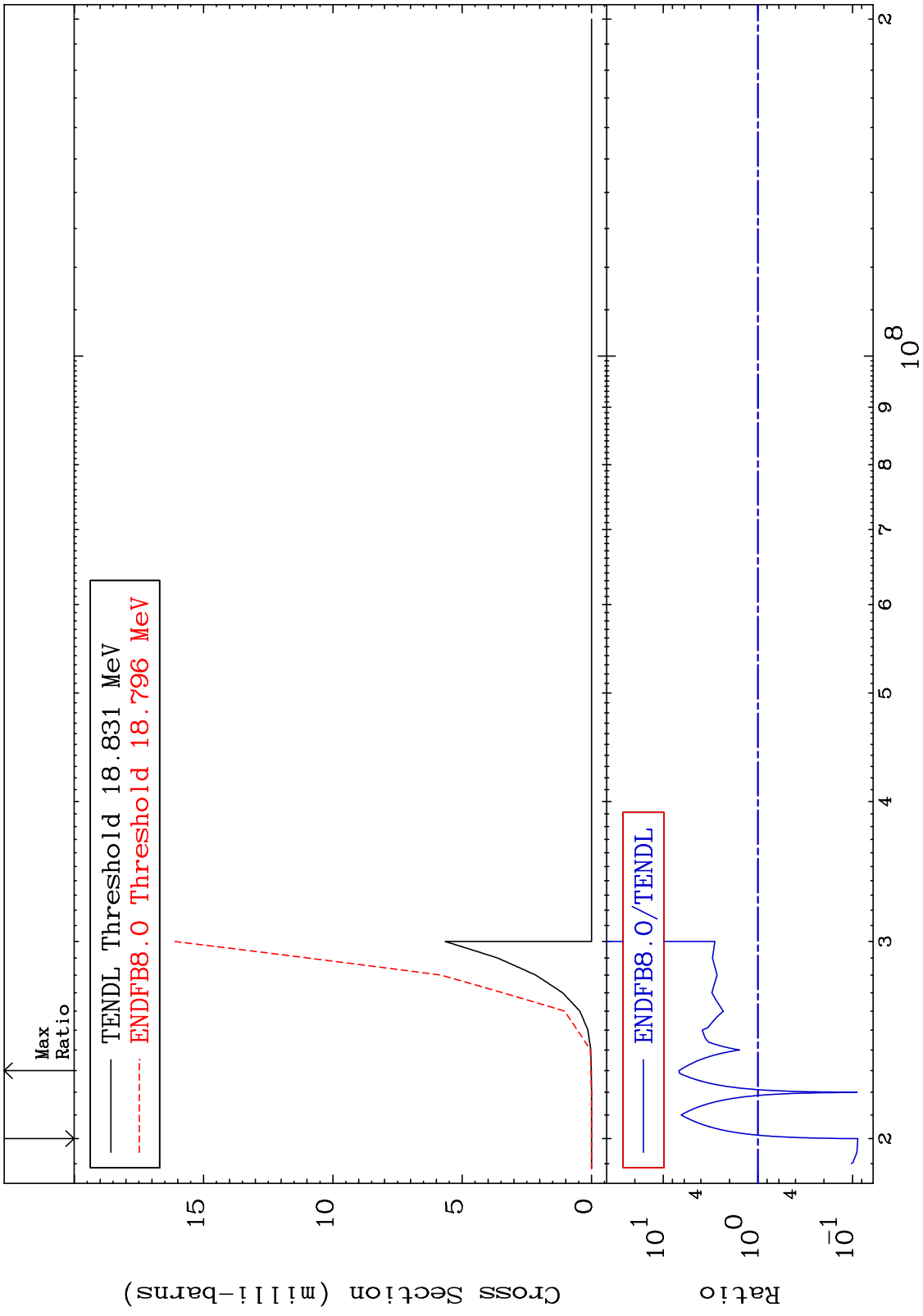


MAT 4649 (n,4n) 46-Pd-110
 Cross Section -99.83 To -27.90%

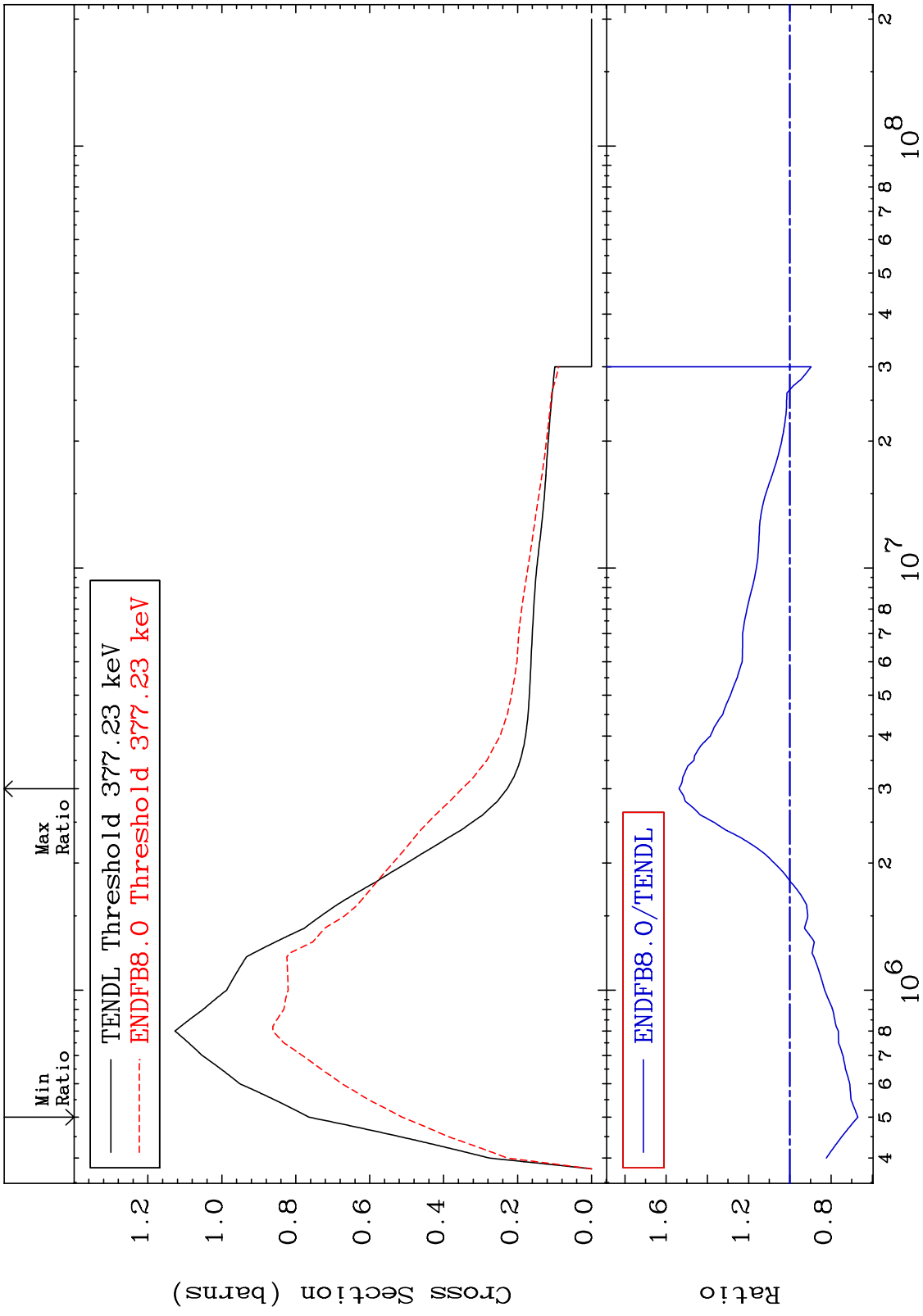


Incident Energy (MeV) 46-Pd-110

MAT 4649 (n,2n) p 46-Pd-110
 Cross Section -91.22 To 580.7 %

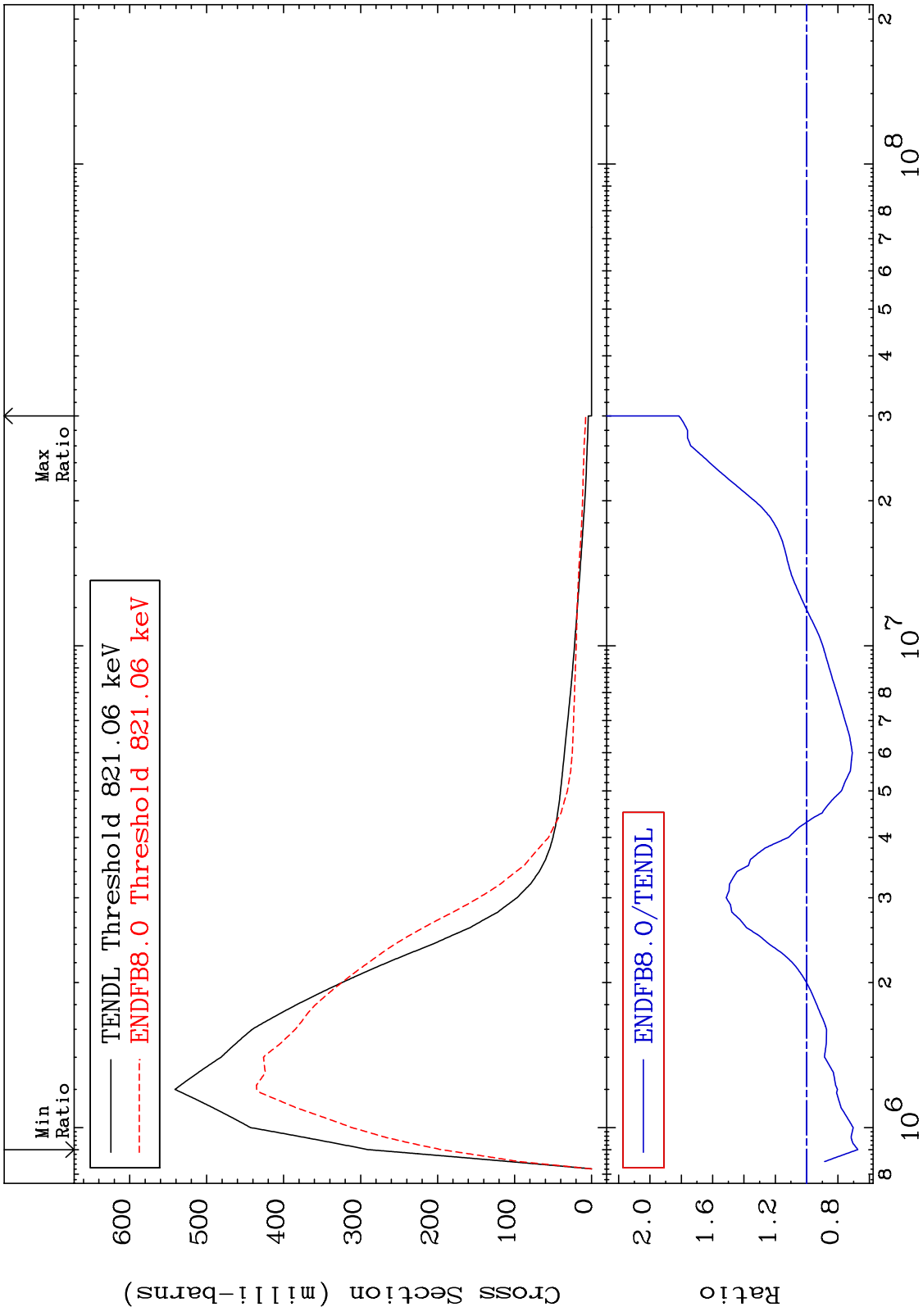


MAT 4649 MT= 51 (n,n') Level 46-Pd-110
 Cross Section -32.96 To 53.74 %



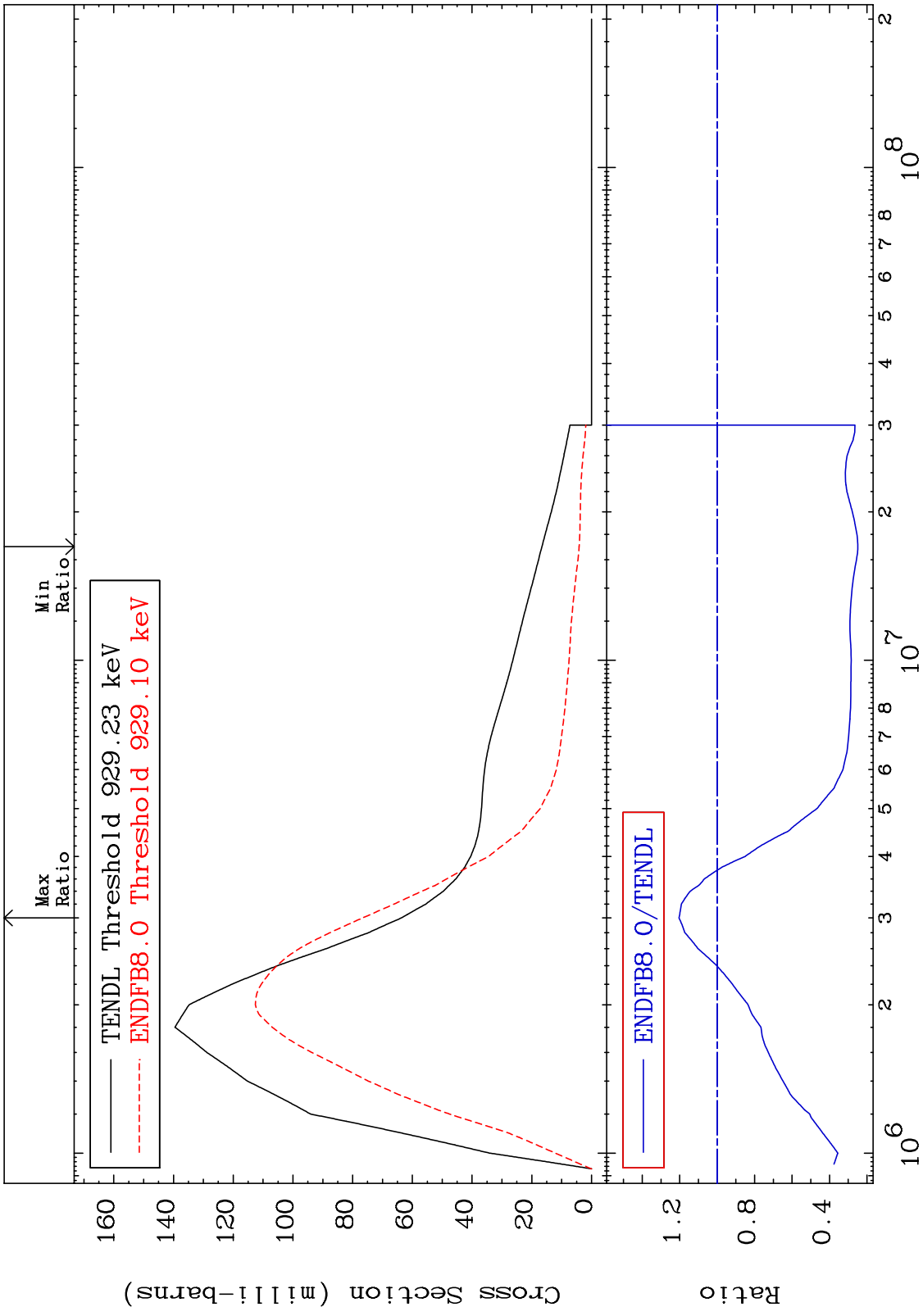
12 Incident Energy (eV) 46-Pd-110

MAT 4649 MT= 52 (n,n') Level Cross Section 46-Pd-110
 -32.68 To 81.45 %



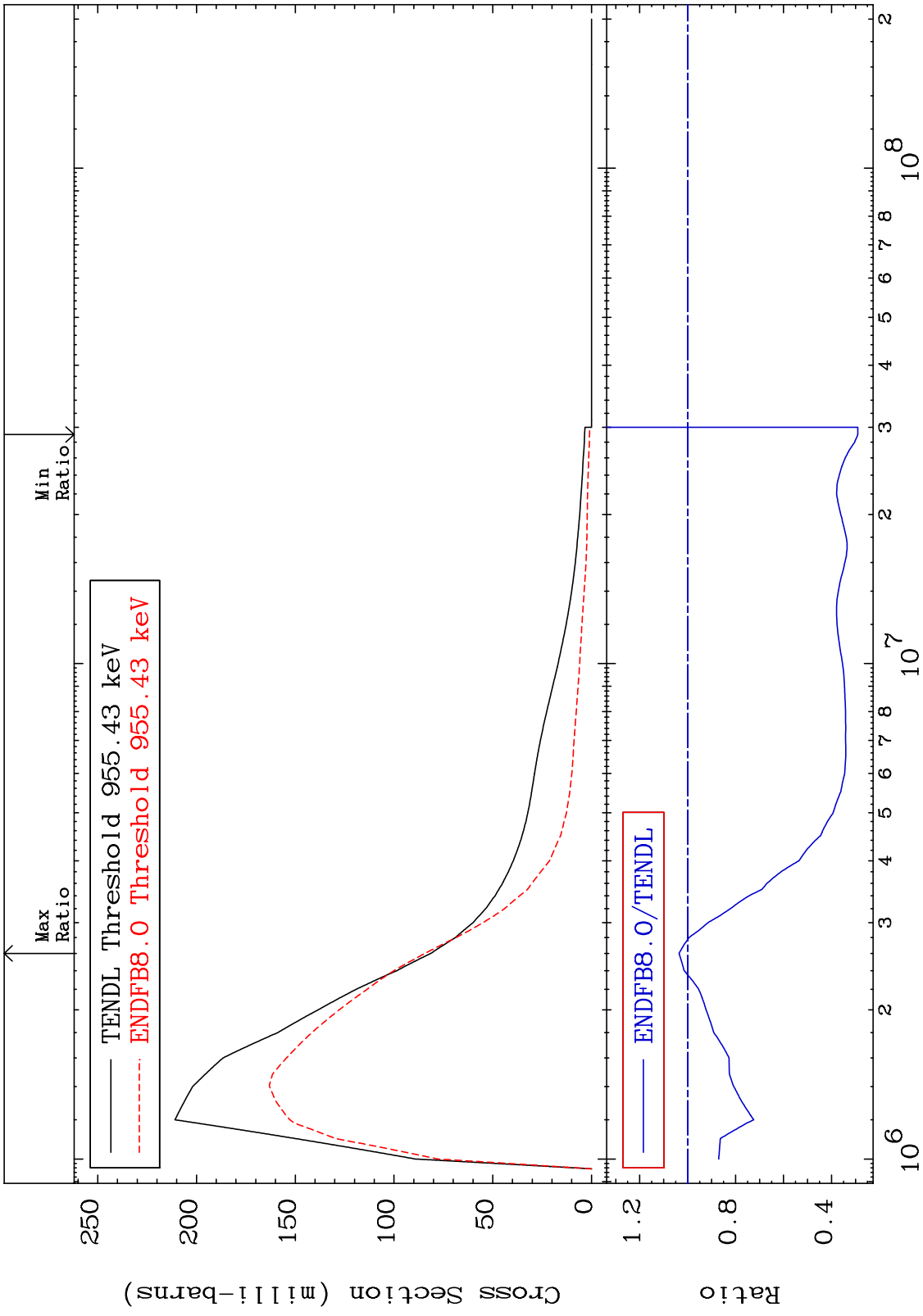
13 Incident Energy (eV) 46-Pd-110

MAT 4649 MT= 53 (n,n') Level 46-Pd-110
 Cross Section -75.12 To 20.37 %



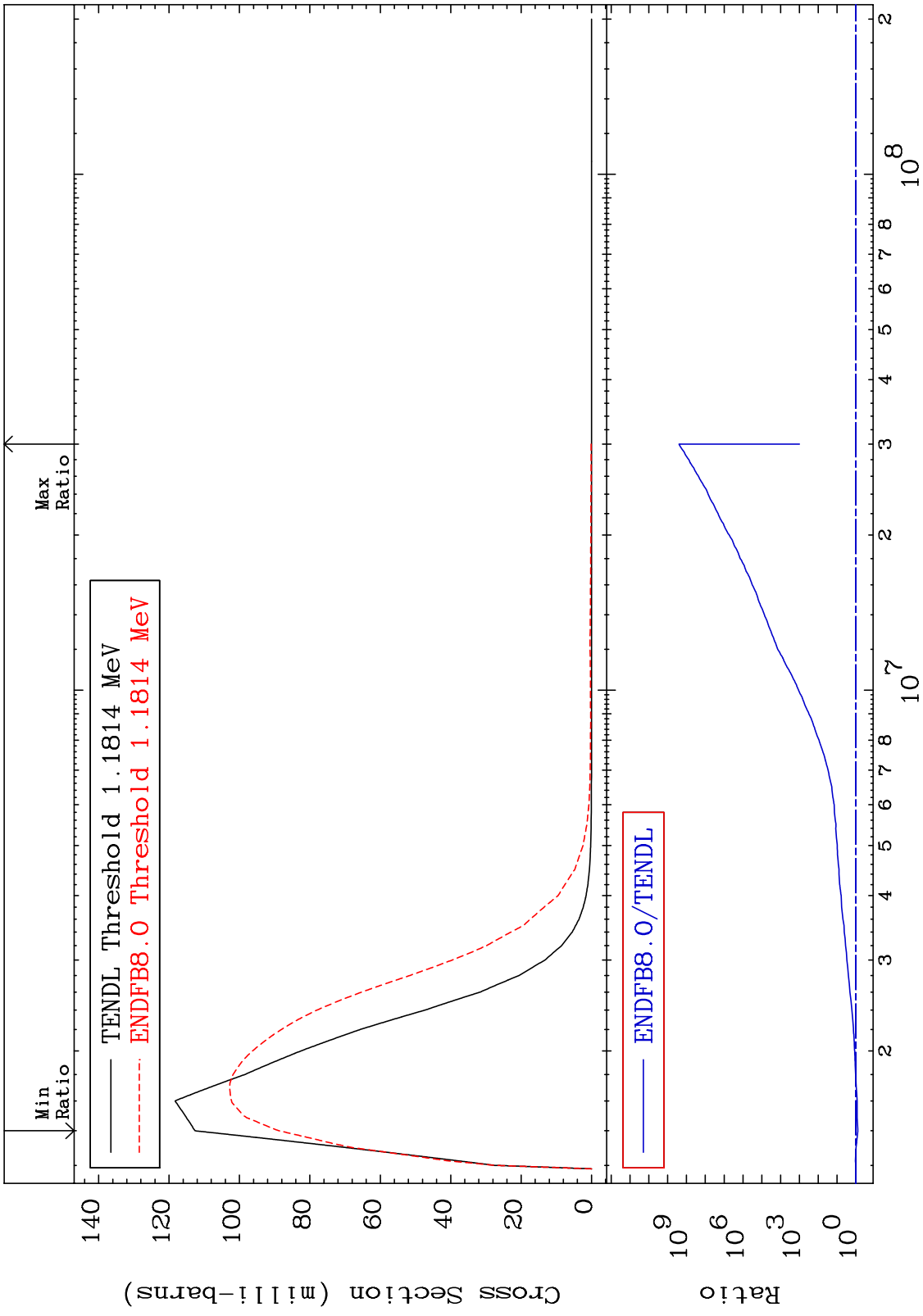
14 Incident Energy (eV) 46-Pd-110

MAT 4649 MT= 54 (n,n') Level Cross Section 46-Pd-110
 -70.97 To 3.592 %

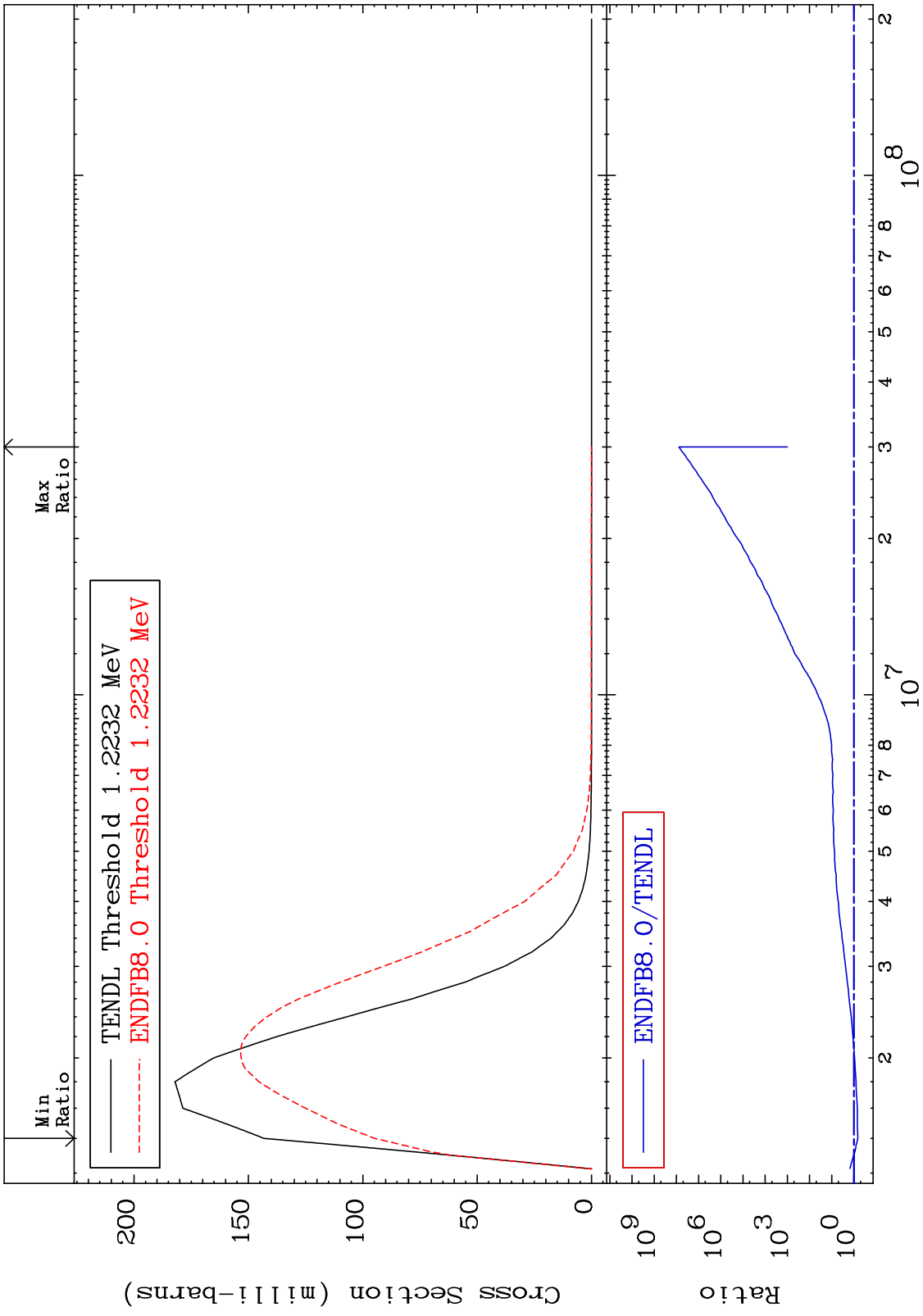


46-Pd-110

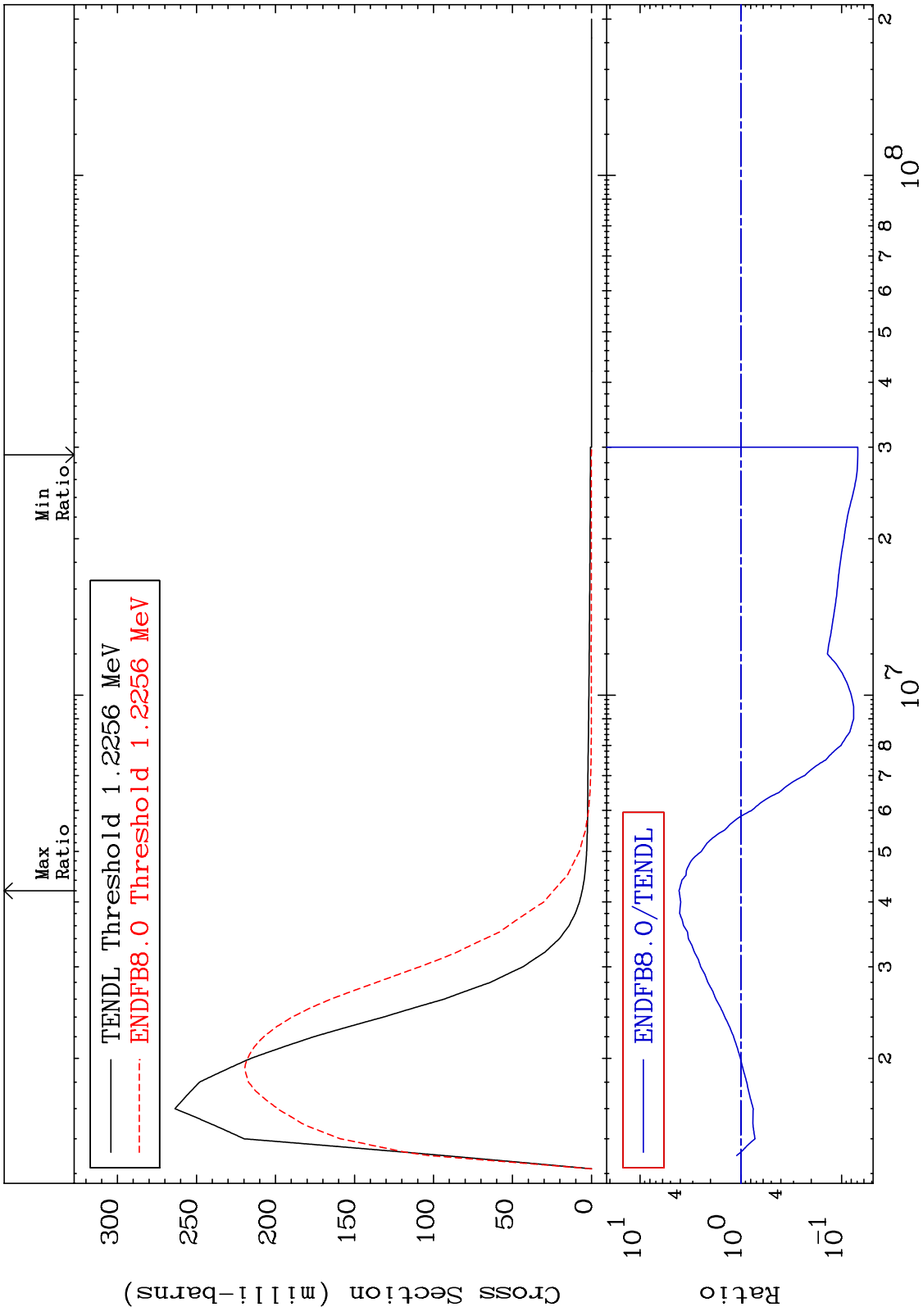
MAT 4649 MT= 55 (n,n') Level Cross Section 46-Pd-110
 -21.21 To 9999. %



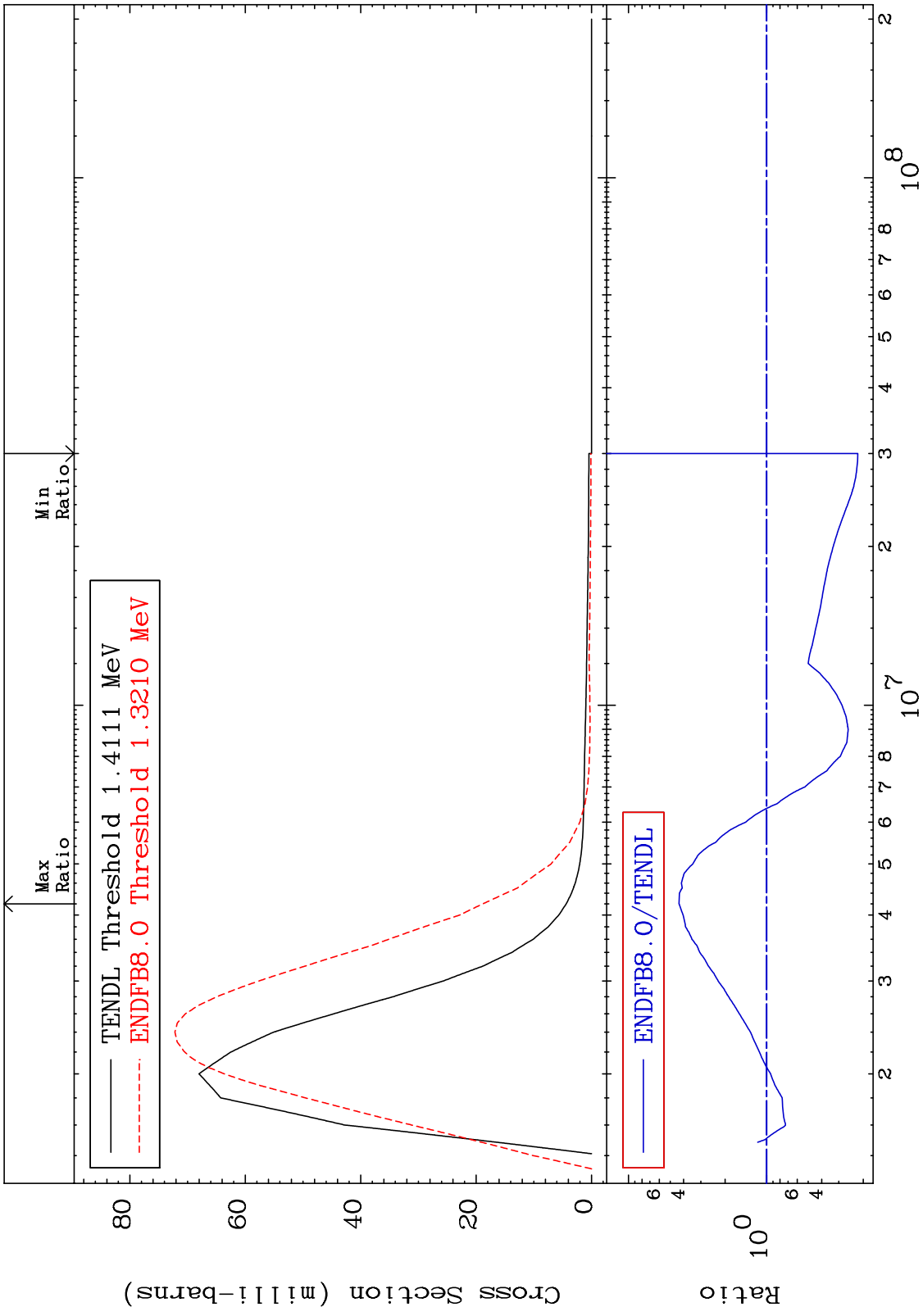
MAT 4649 MT= 56 (n,n') Level Cross Section 46-Pd-110
 -33.82 To 9999. %



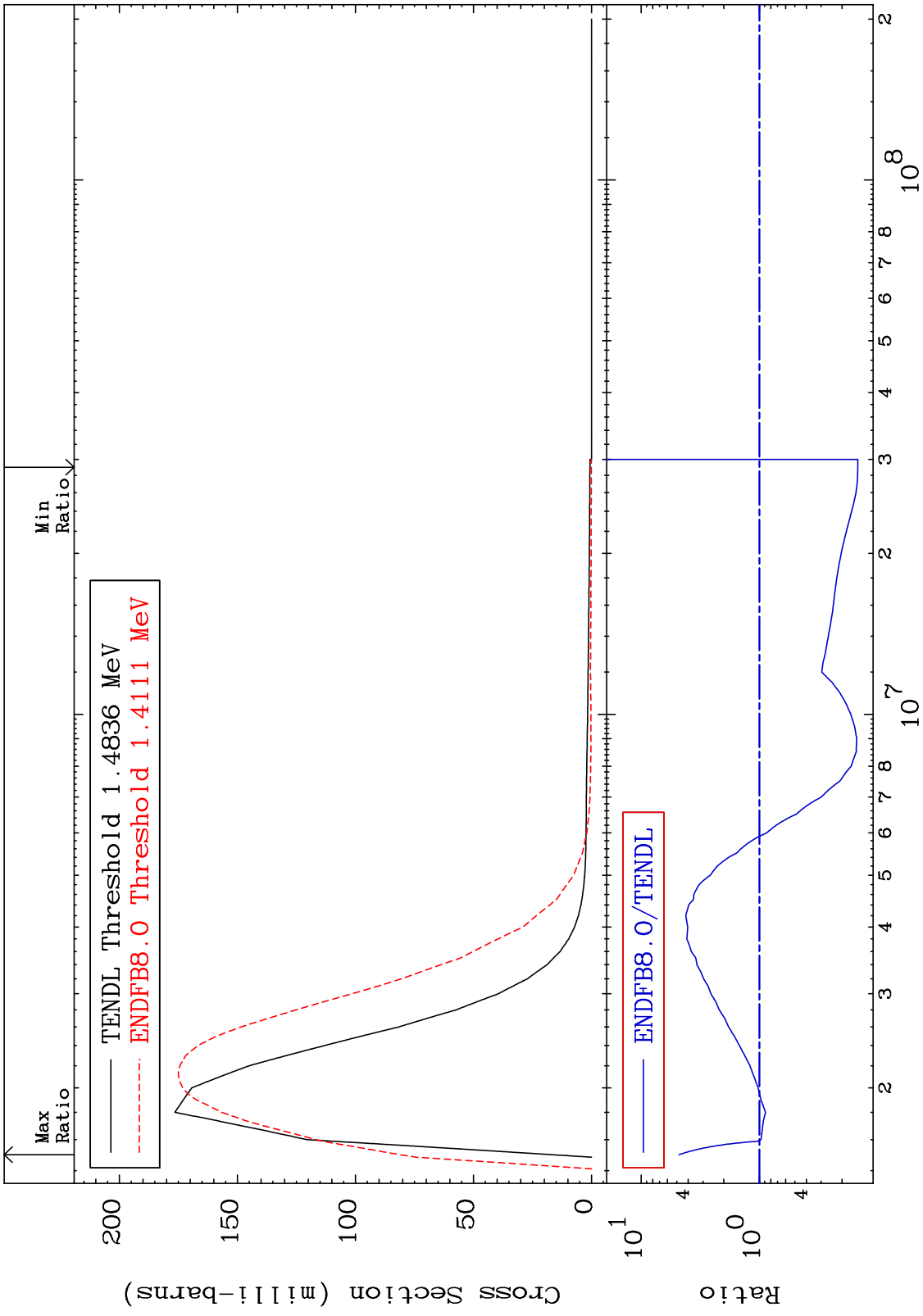
MAT 4649 MT= 57 (n,n') Level Cross Section 46-Pd-110 -93.11 To 310.9 %



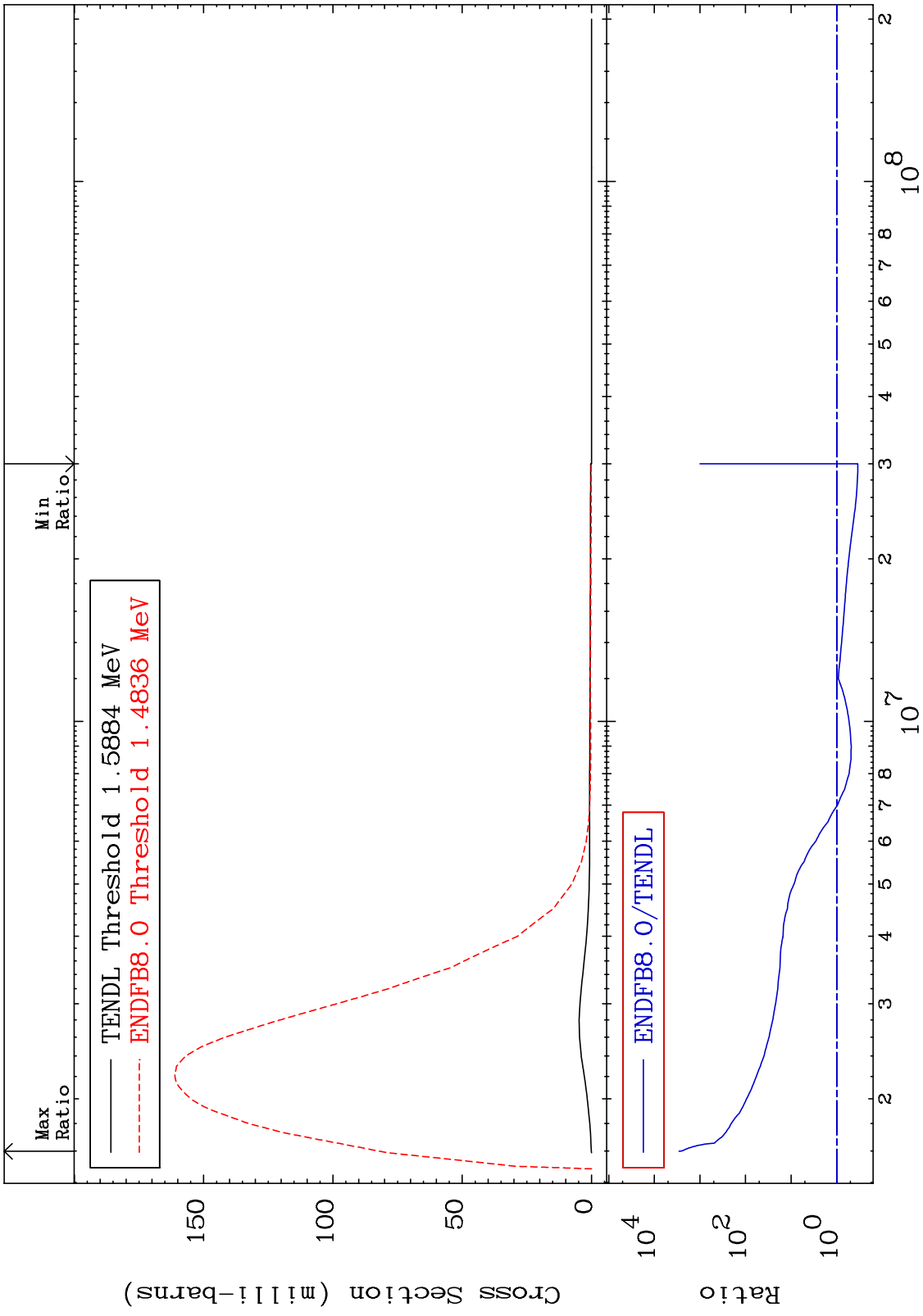
MAT 4649 MT= 58 (n,n') Level Cross Section 46-Pd-110
 -78.13 To 331.0 %



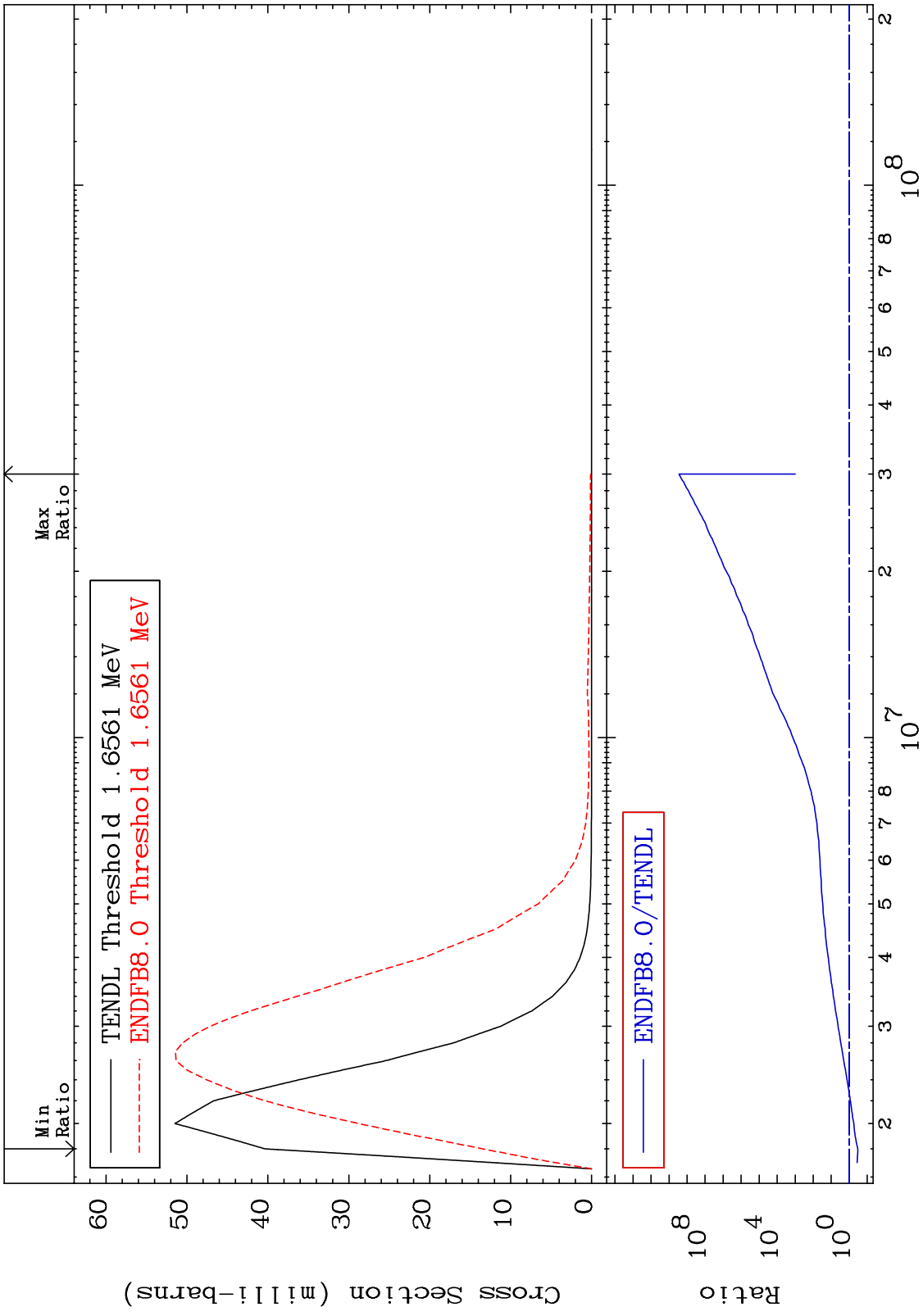
MAT 4649 MT= 59 (n,n') Level Cross Section 46-Pd-110
 -85.33 To 378.4 %



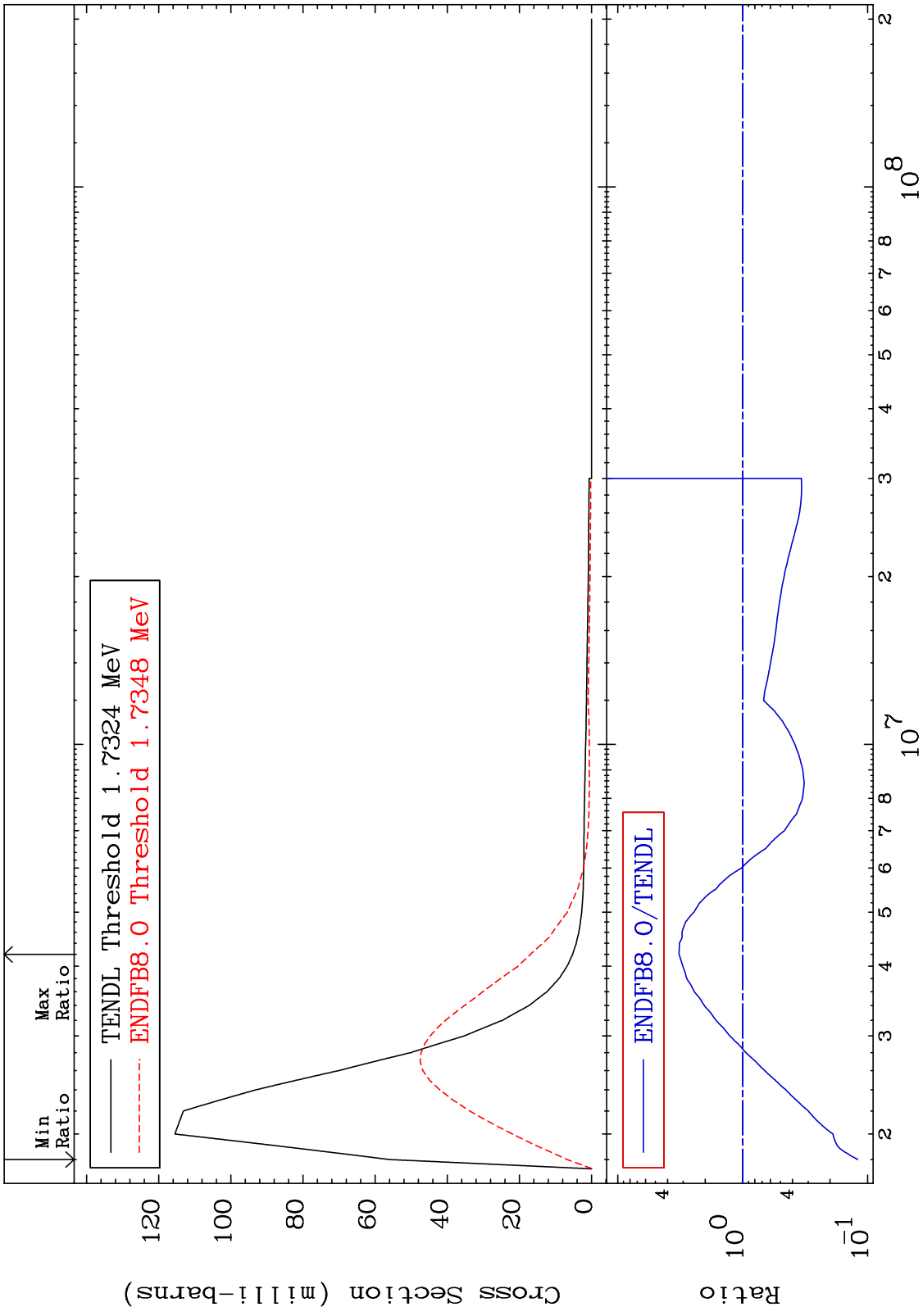
MAT 4649 MT= 60 (n,n') Level Cross Section 46-Pd-110
 -65.60 To 9999. %



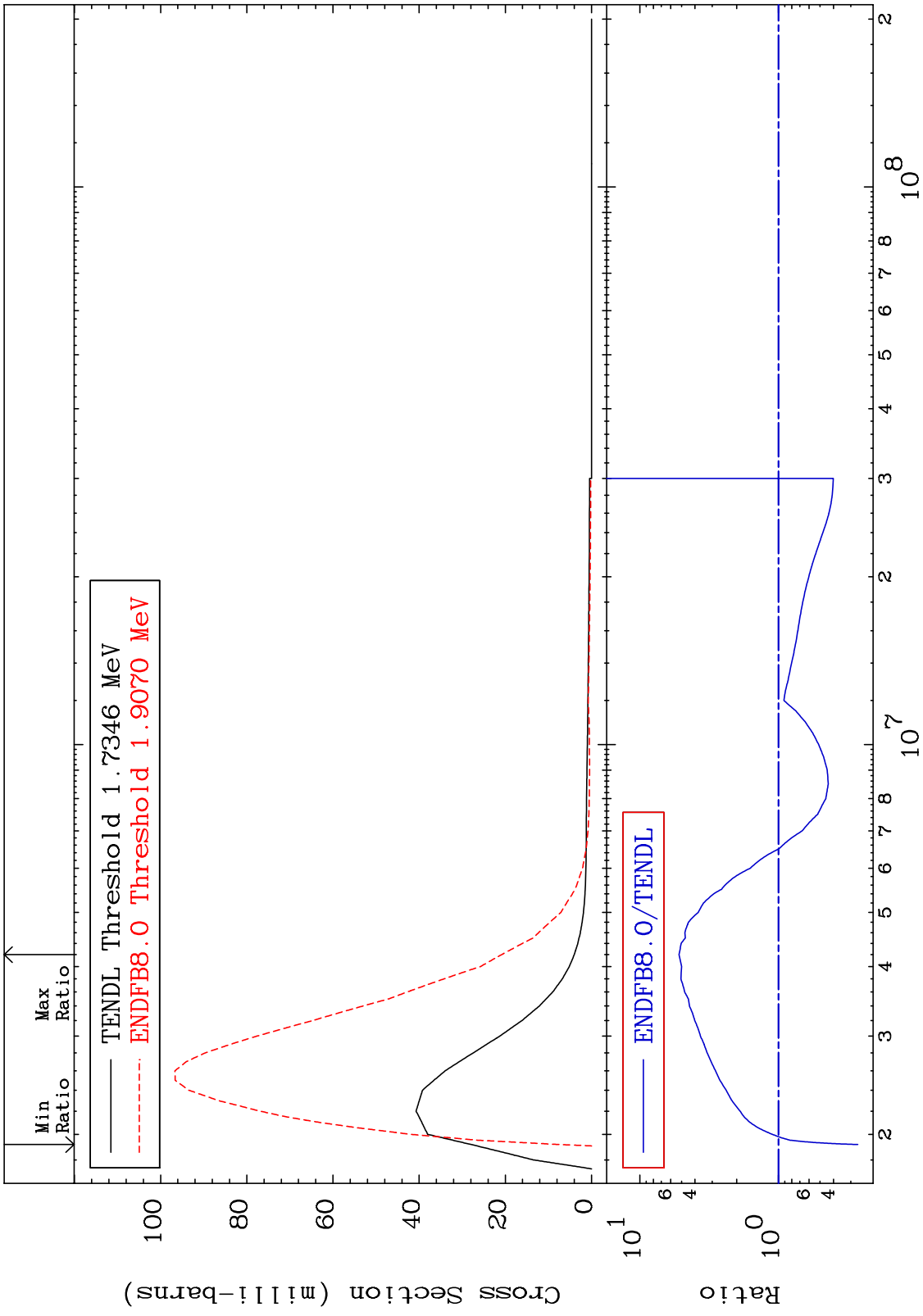
MAT 4649 MT= 62 (n,n') Level Cross Section 46-Pd-110
 -66.62 To 9999. %



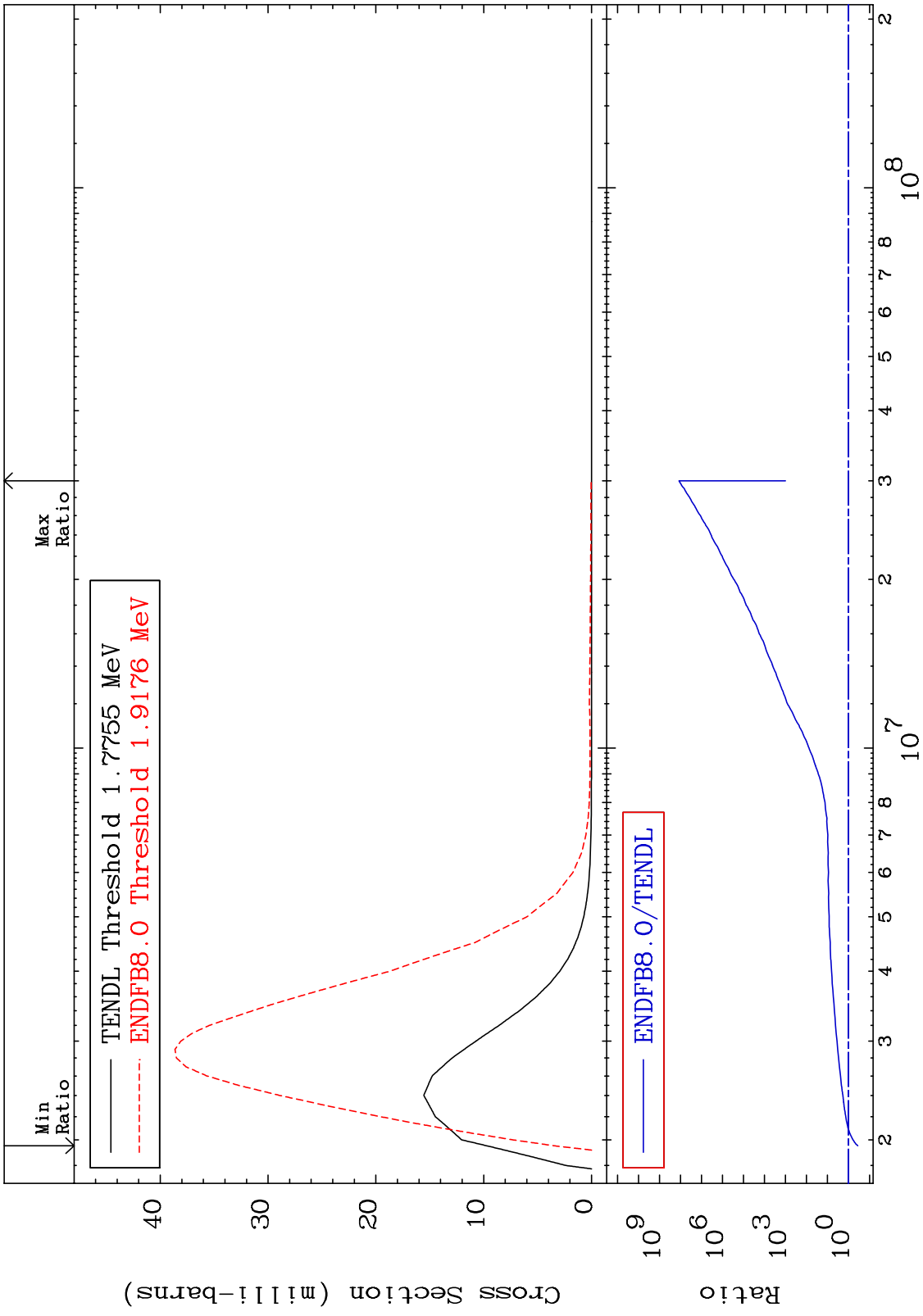
MAT 4649 MT= 63 (n,n') Level 46-Pd-110
 Cross Section -88.01 To 223.5 %



MAT 4649 MT= 64 (n,n') Level 46-Pd-110
 Cross Section -73.35 To 421.6 %



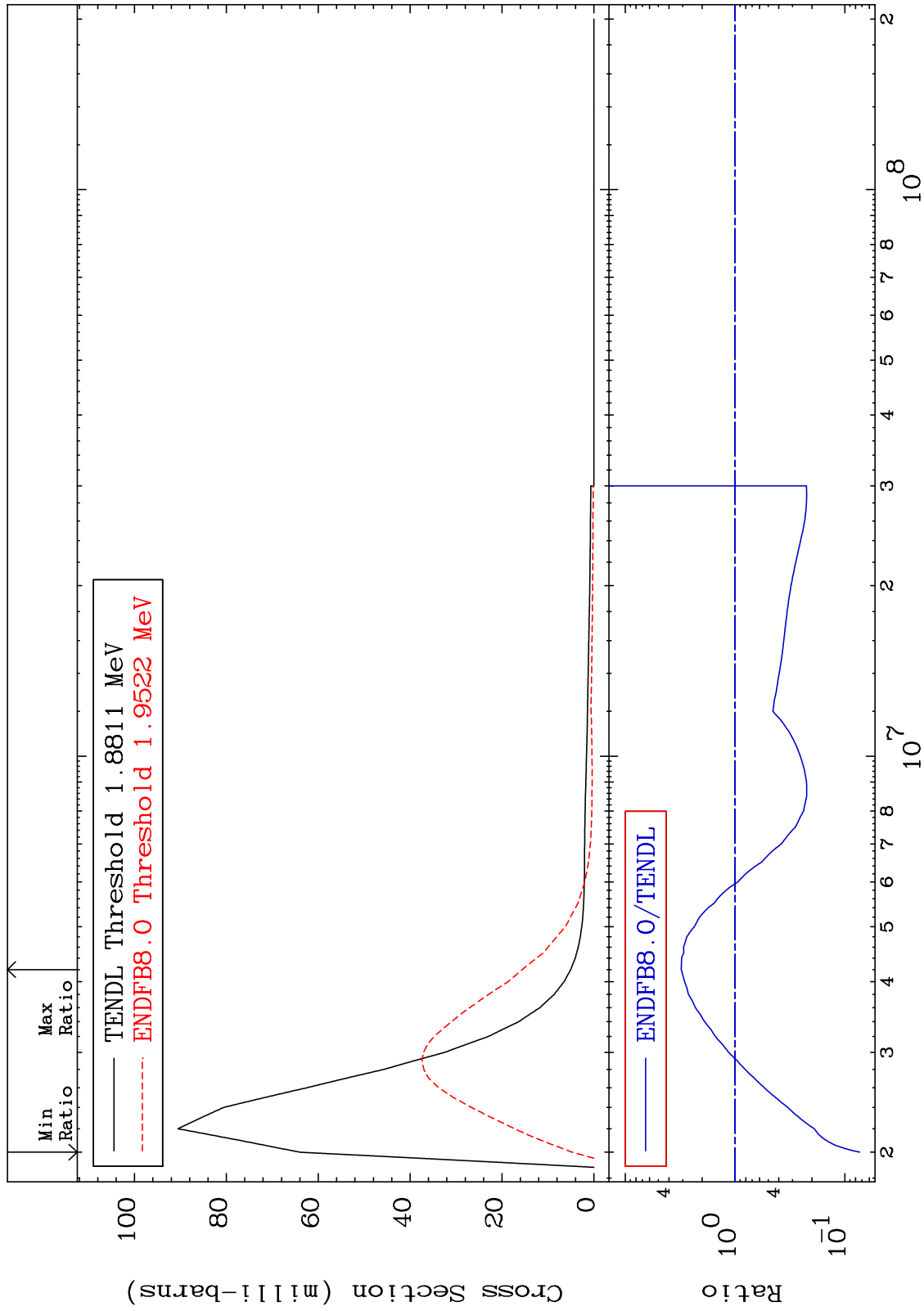
MAT 4649 MT= 65 (n,n') Level Cross Section 46-Pd-110
 -64.09 To 9999. %



MAT 4649

MT= 66 (n,n') Level
Cross Section

46-Pd-110
-92.67 To 209.2 %

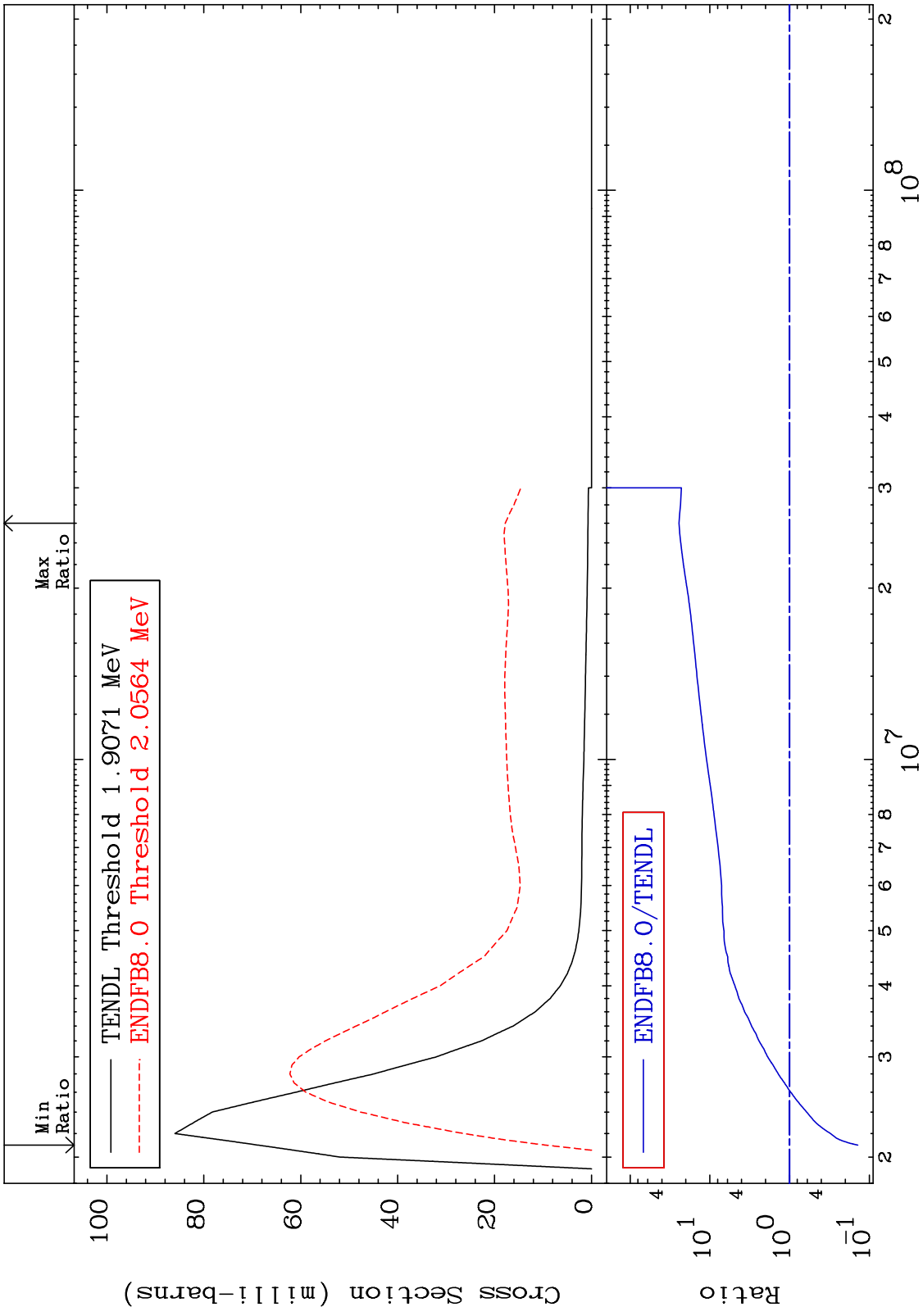


27

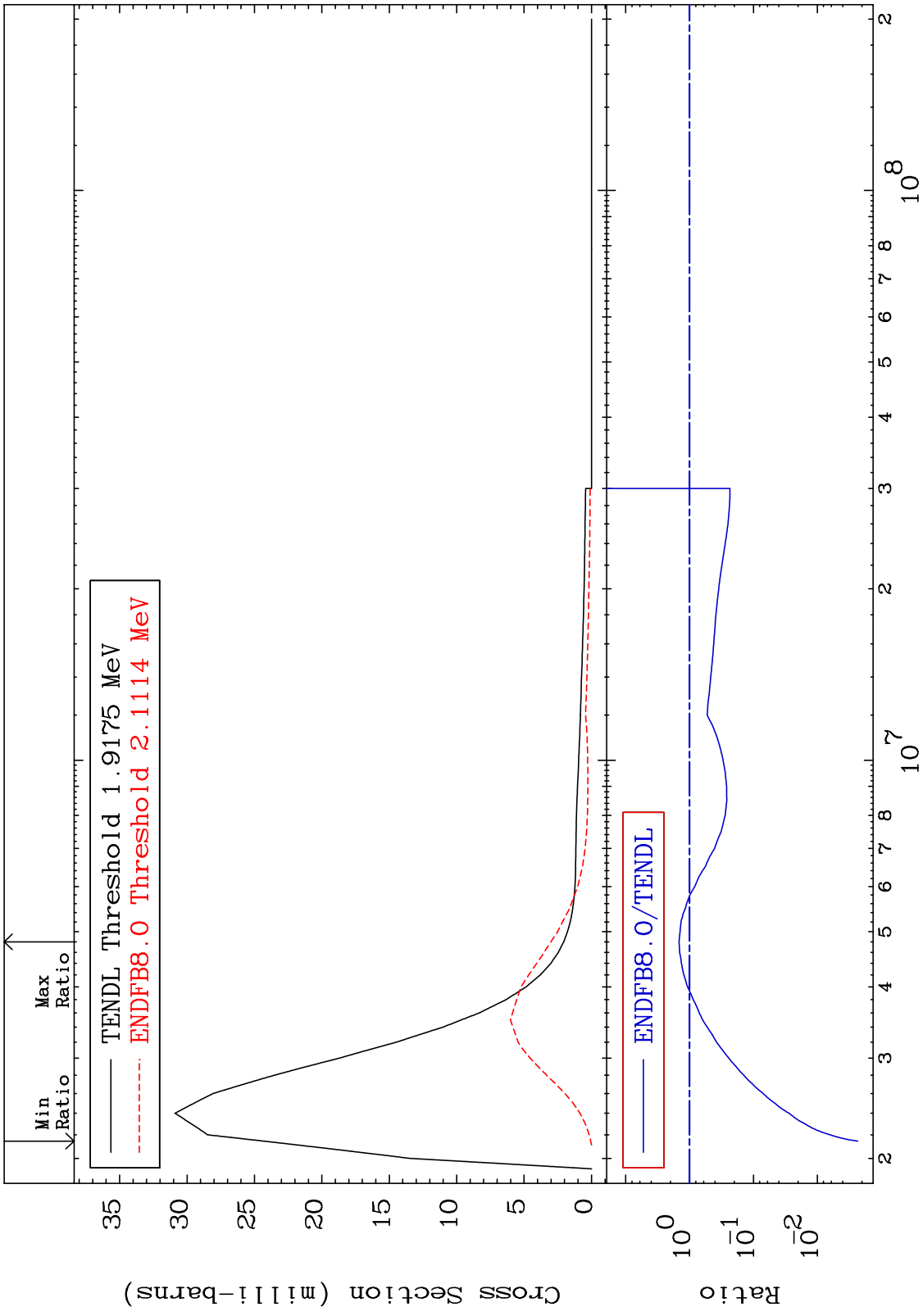
Incident Energy (eV)

46-Pd-110

MAT 4649 MT= 67 (n,n') Level Cross Section 46-Pd-110 -86.08 To 2335. %



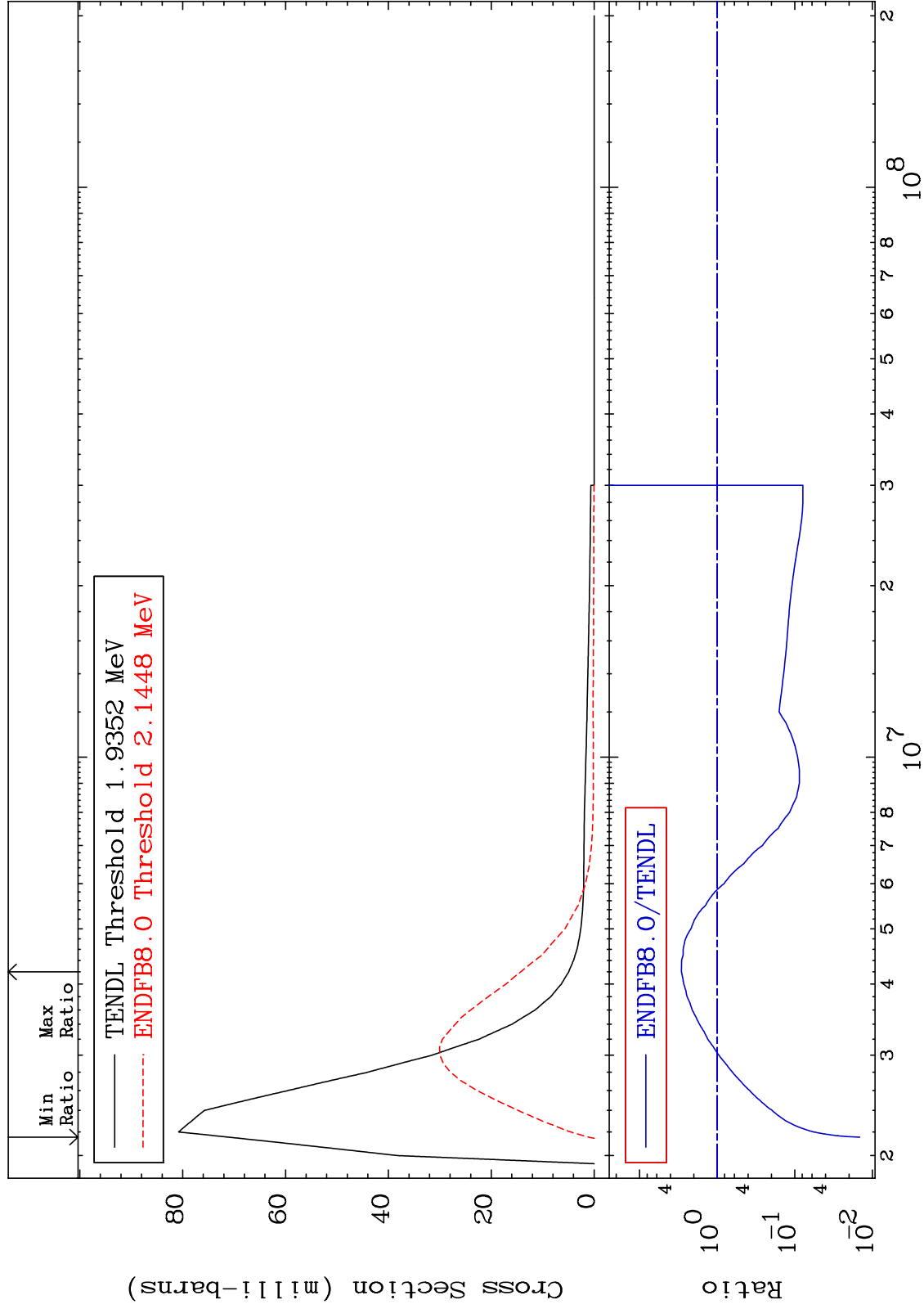
MAT 4649 MT= 68 (n,n') Level 46-Pd-110
 Cross Section -99.77 To 46.20 %



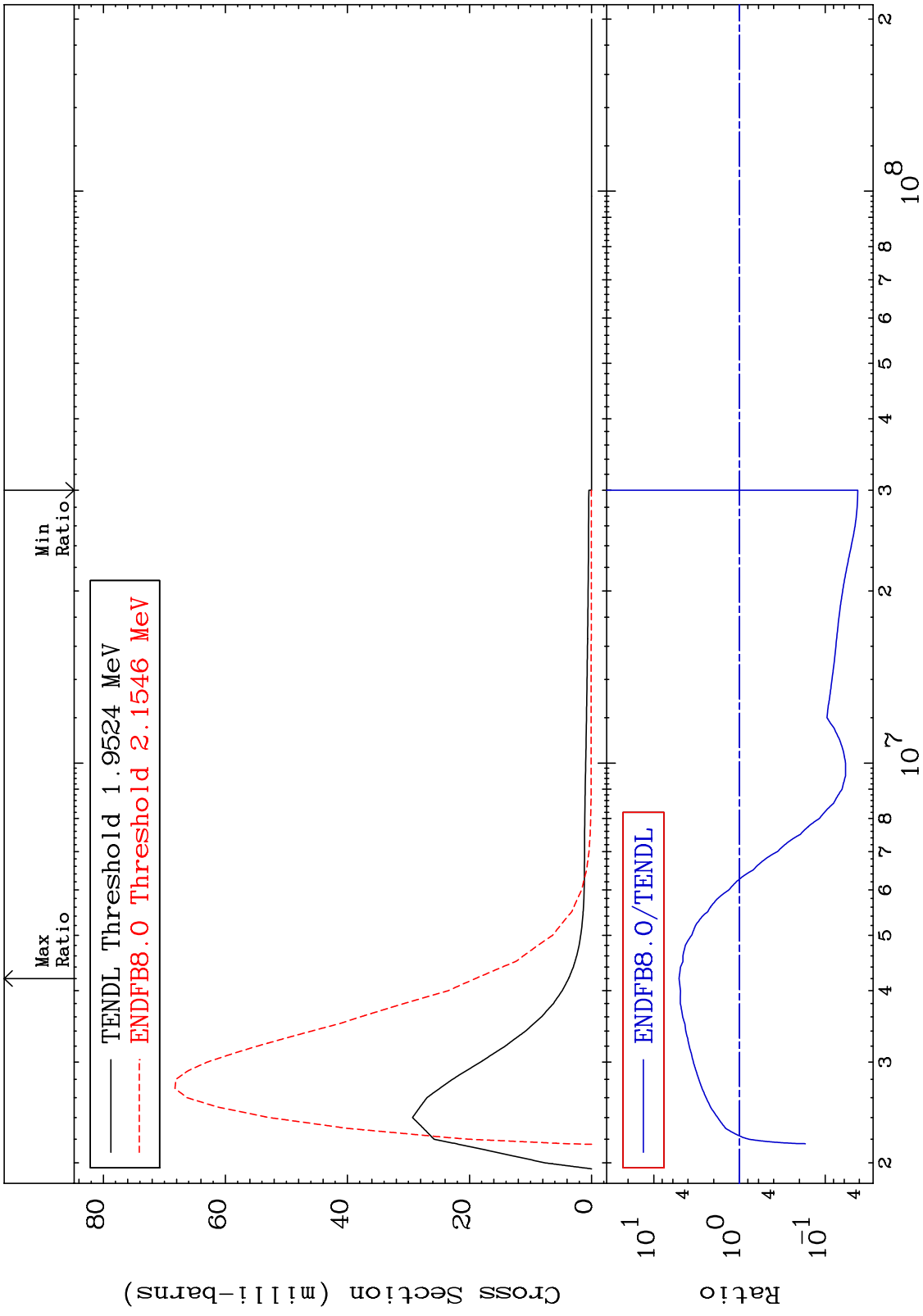
MAT 4649

MT= 69 (n,n') Level
Cross Section

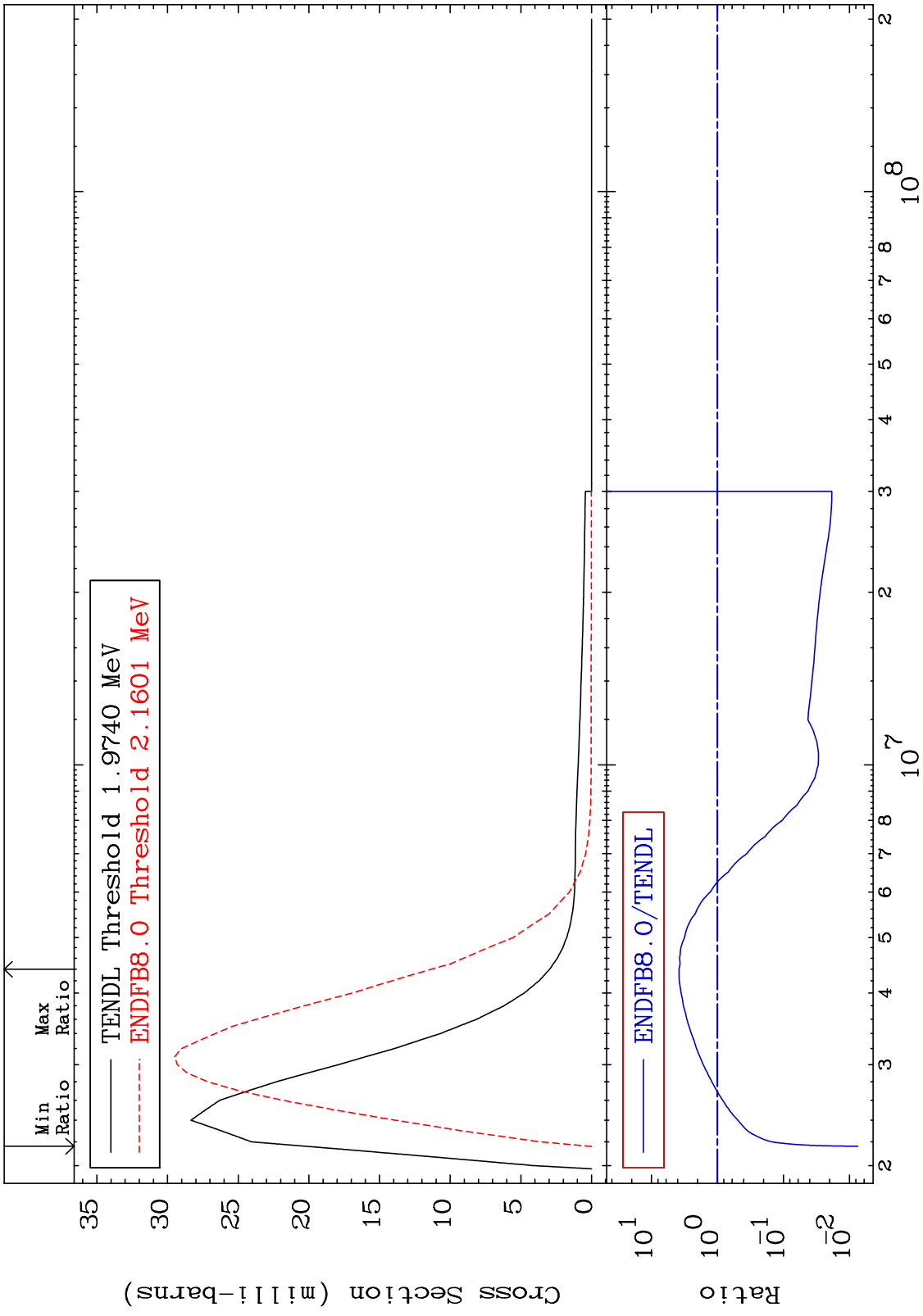
46-Pd-110
-98.55 To 188.3 %



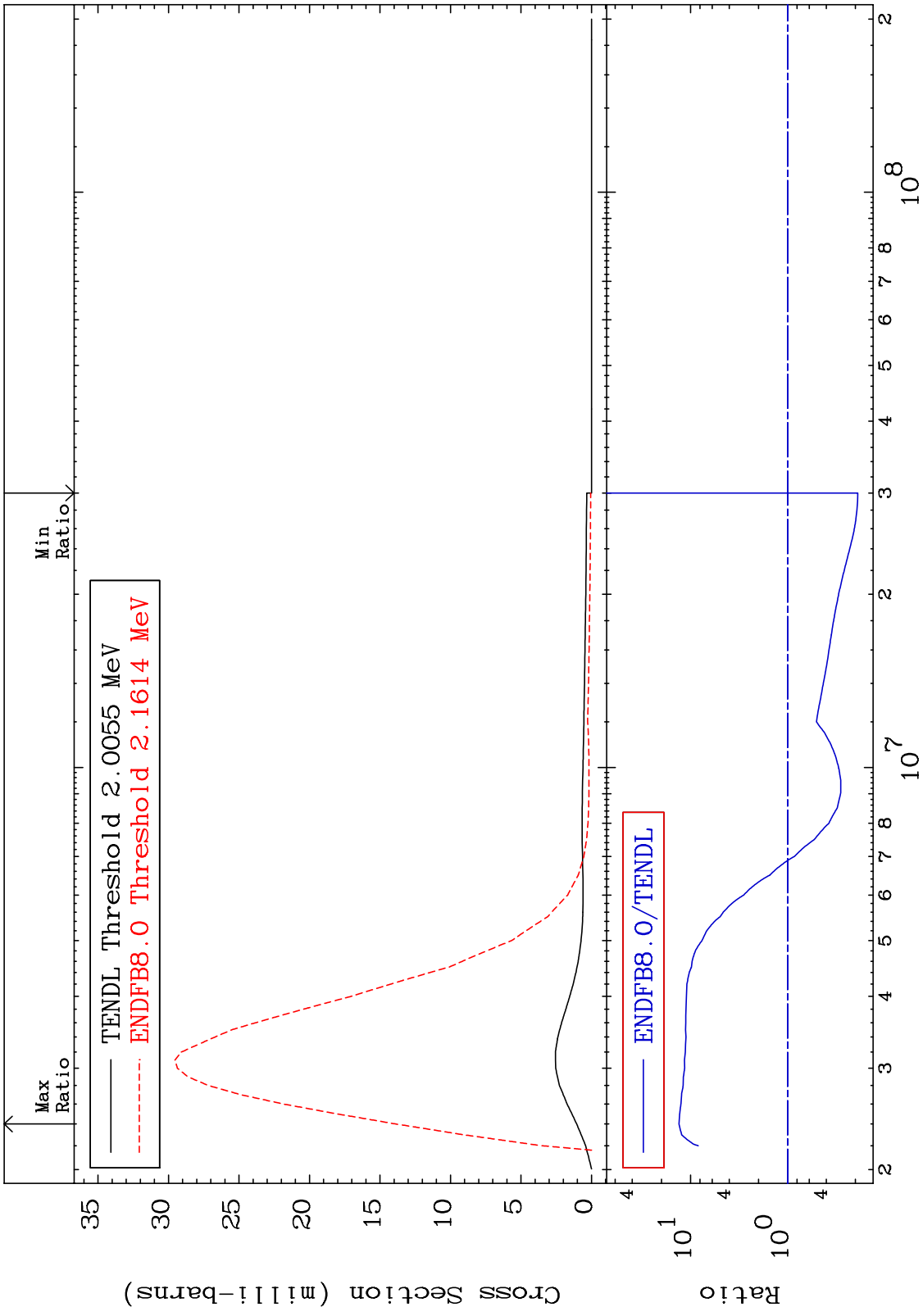
MAT 4649 MT= 70 (n,n') Level Cross Section 46-Pd-110
 -95.83 To 408.6 %



MAT 4649 MT= 71 (n,n') Level 46-Pd-110
 Cross Section -99.25 To 282.5 %



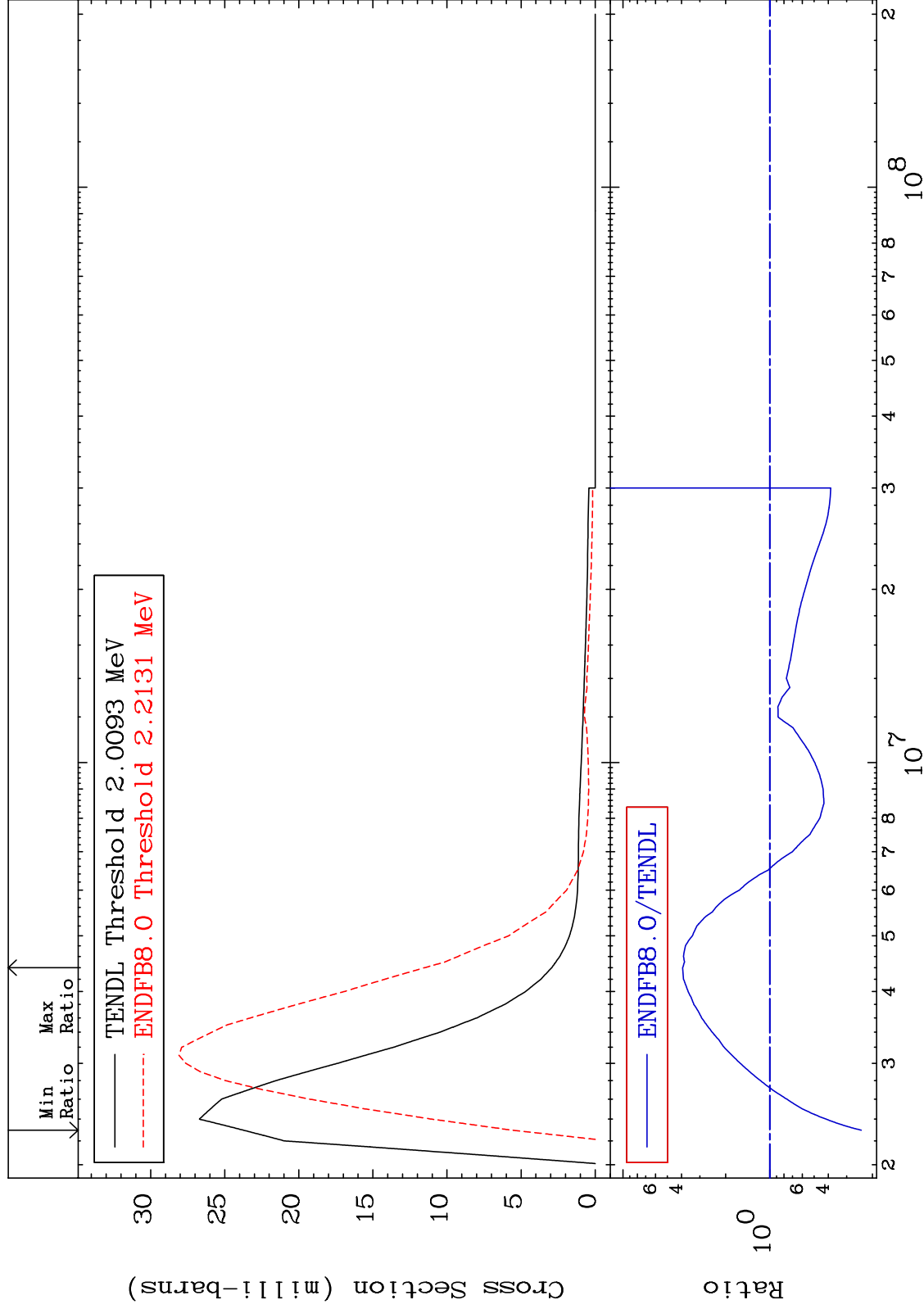
MAT 4649 MT= 72 (n,n') Level Cross Section 46-Pd-110
 -81.09 To 1218. %



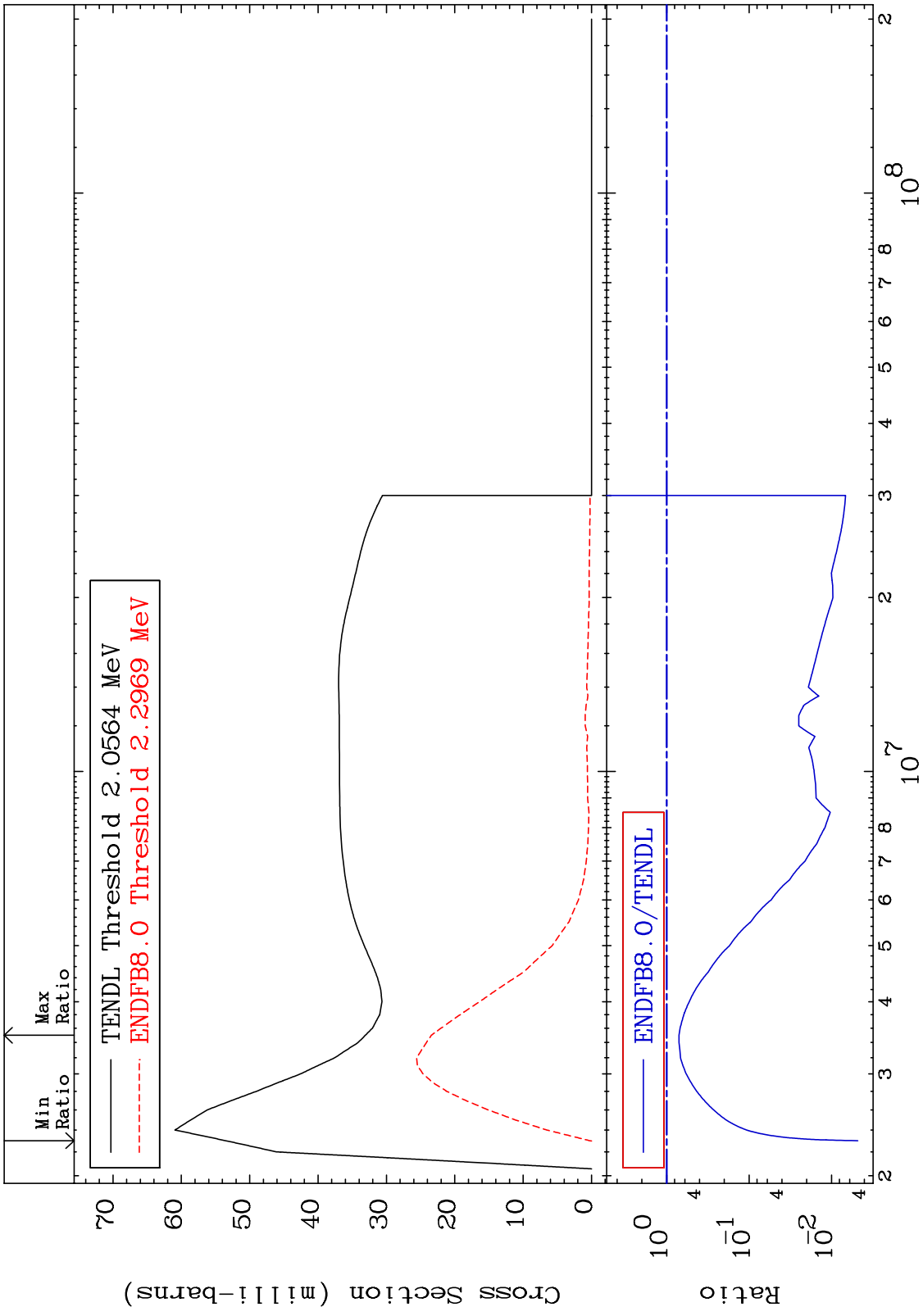
MAT 4649

MT= 73 (n,n') Level
Cross Section

46-Pd-110
-76.21 To 292.5 %



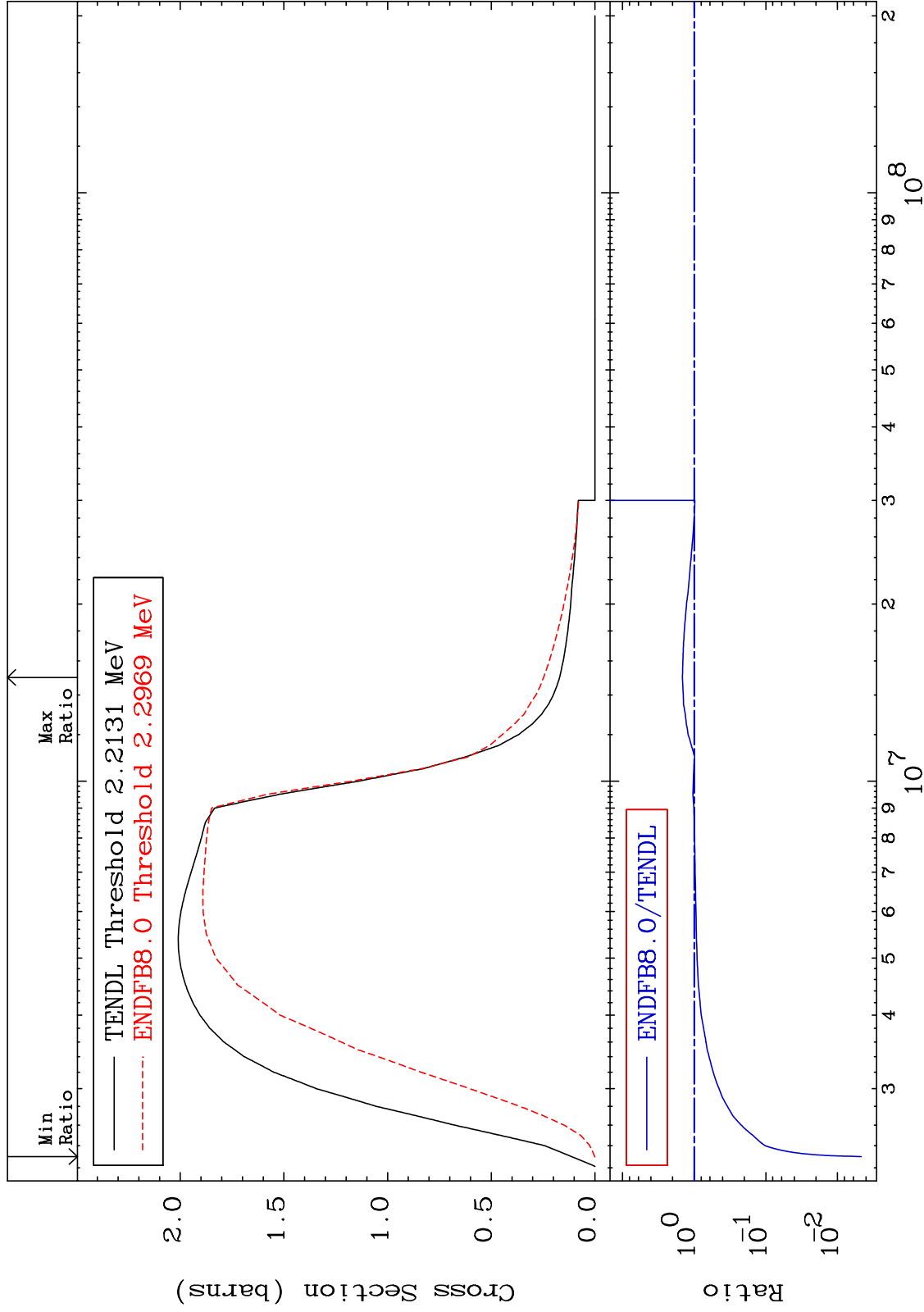
MAT 4649 MT= 74 (n,n') Level 46-Pd-110
 Cross Section -99.52 To -29.20%



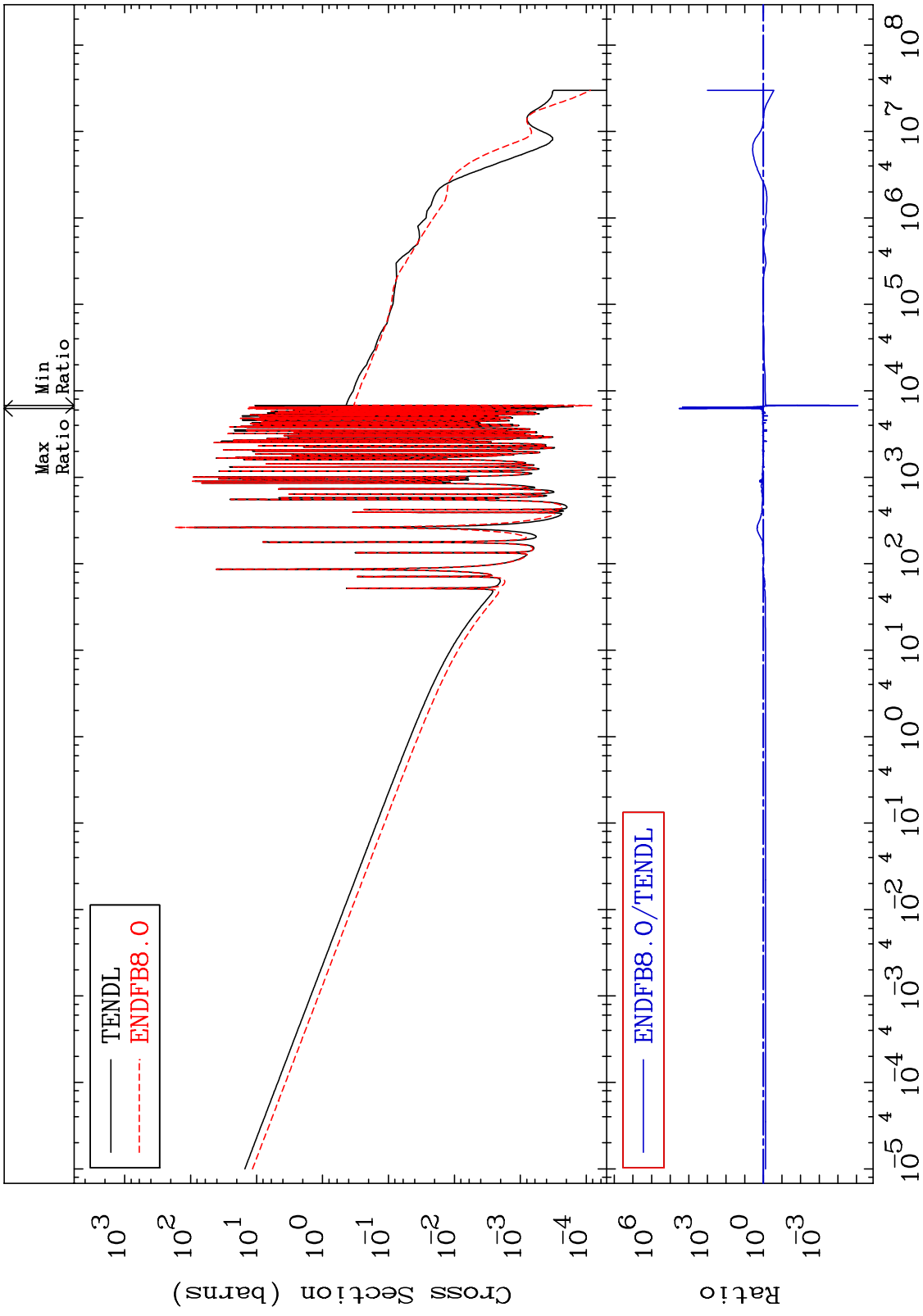
MAT 4649

(n, n') Continuum
Cross Section

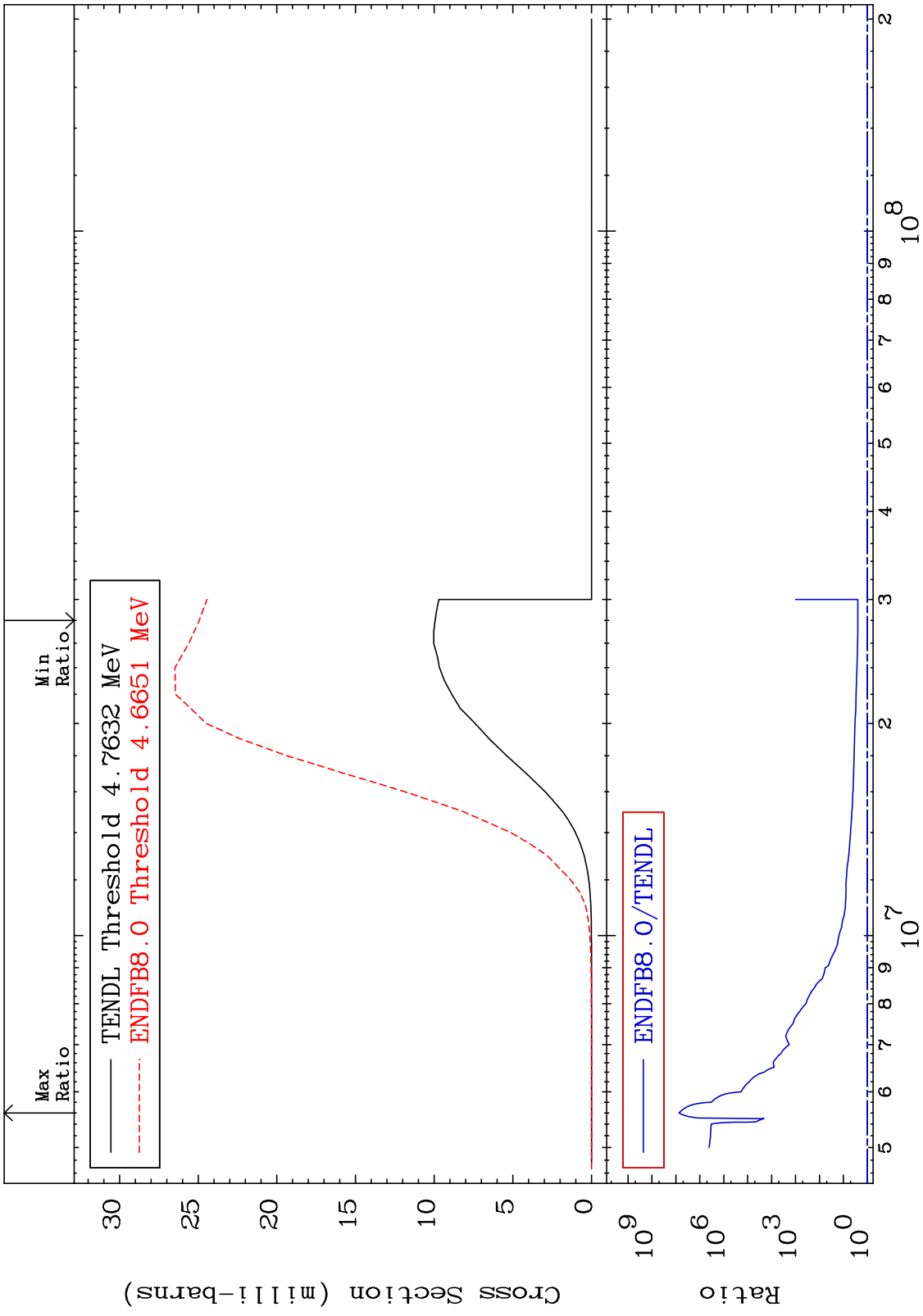
46-Pd-110
-99.53 To 45.57 %



MAT 4649 (n, γ) Cross Section 46-Pd-110 -100.0 To 9999. %

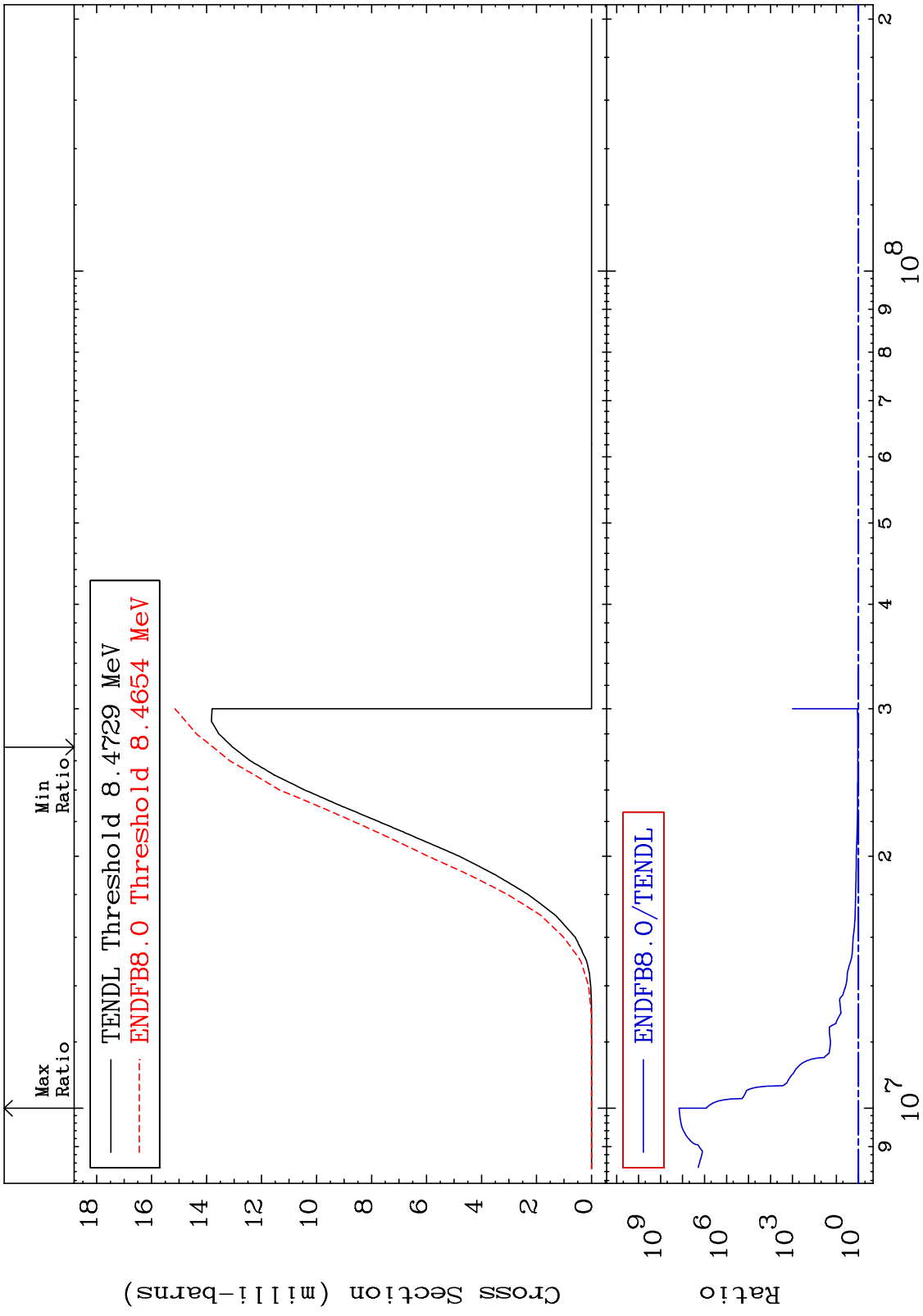


MAT 4649 (n,p) Cross Section 46-Pd-110
 150.8 To 9999. %



38 Incident Energy (eV) 46-Pd-110

MAT 4649 (n,d) Cross Section 46-Pd-110 5.445 To 9999. %



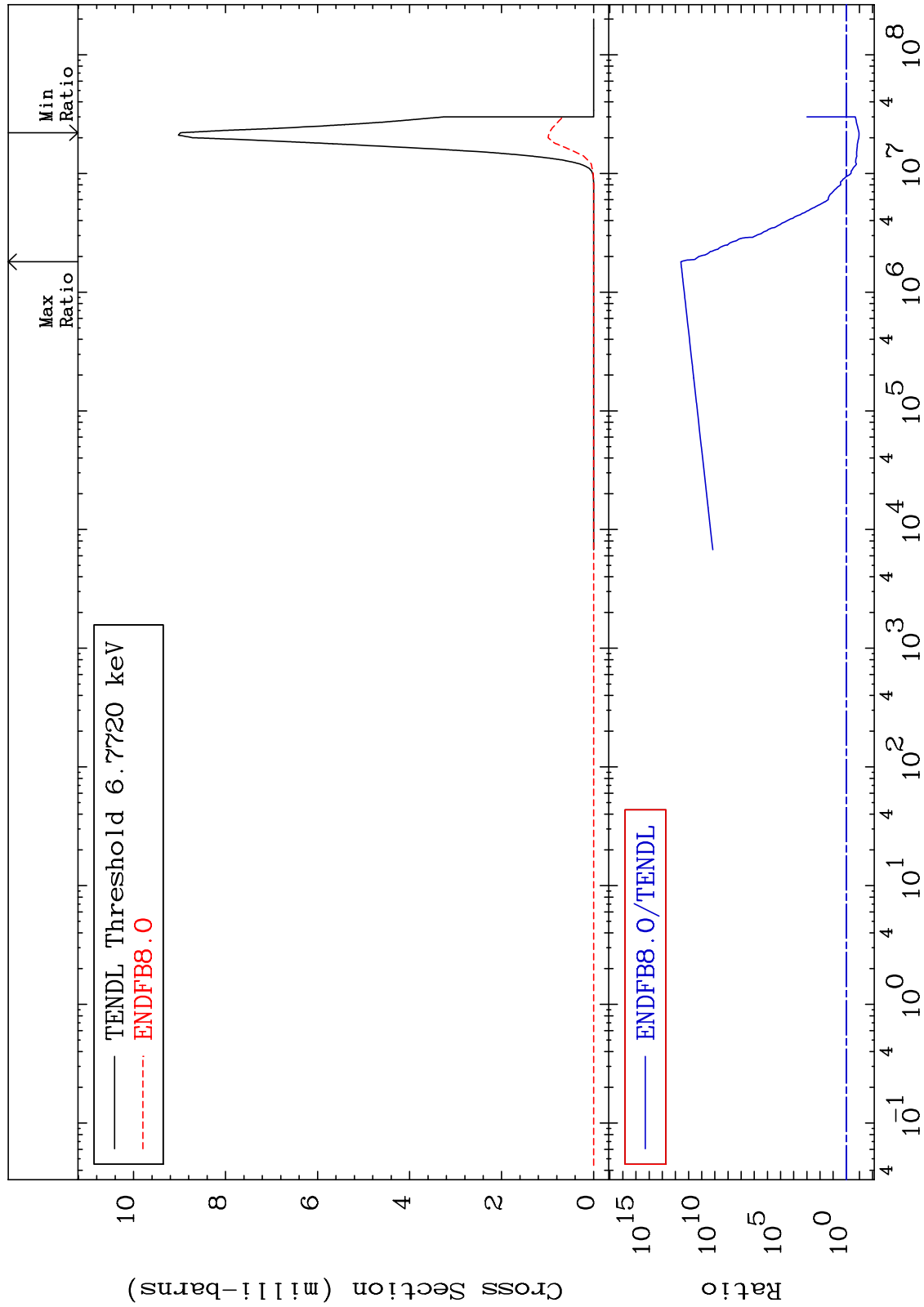
MAT 4649

(n, α)

46-Pd-110

Cross Section

-89.24 To 9999. %

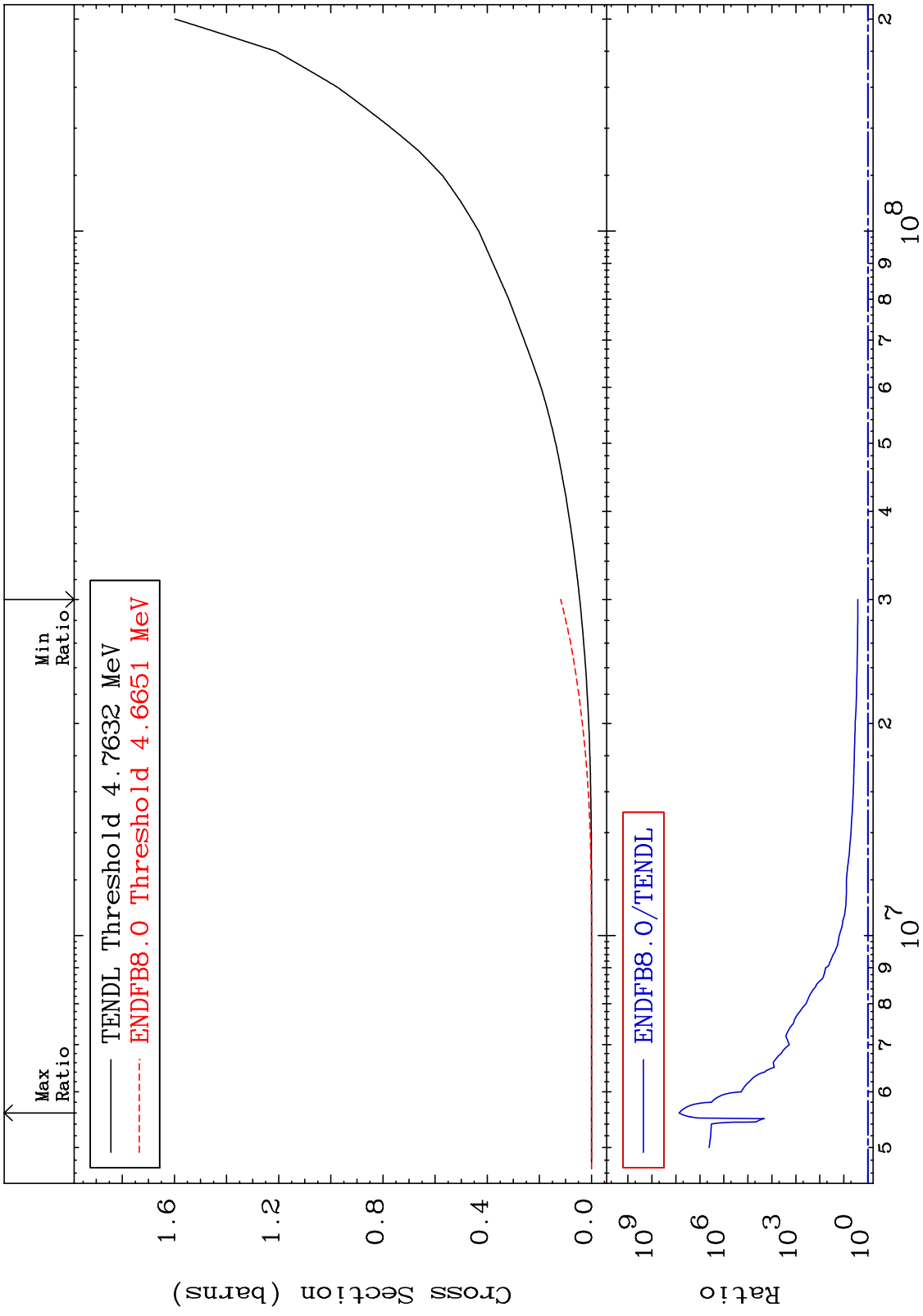


40

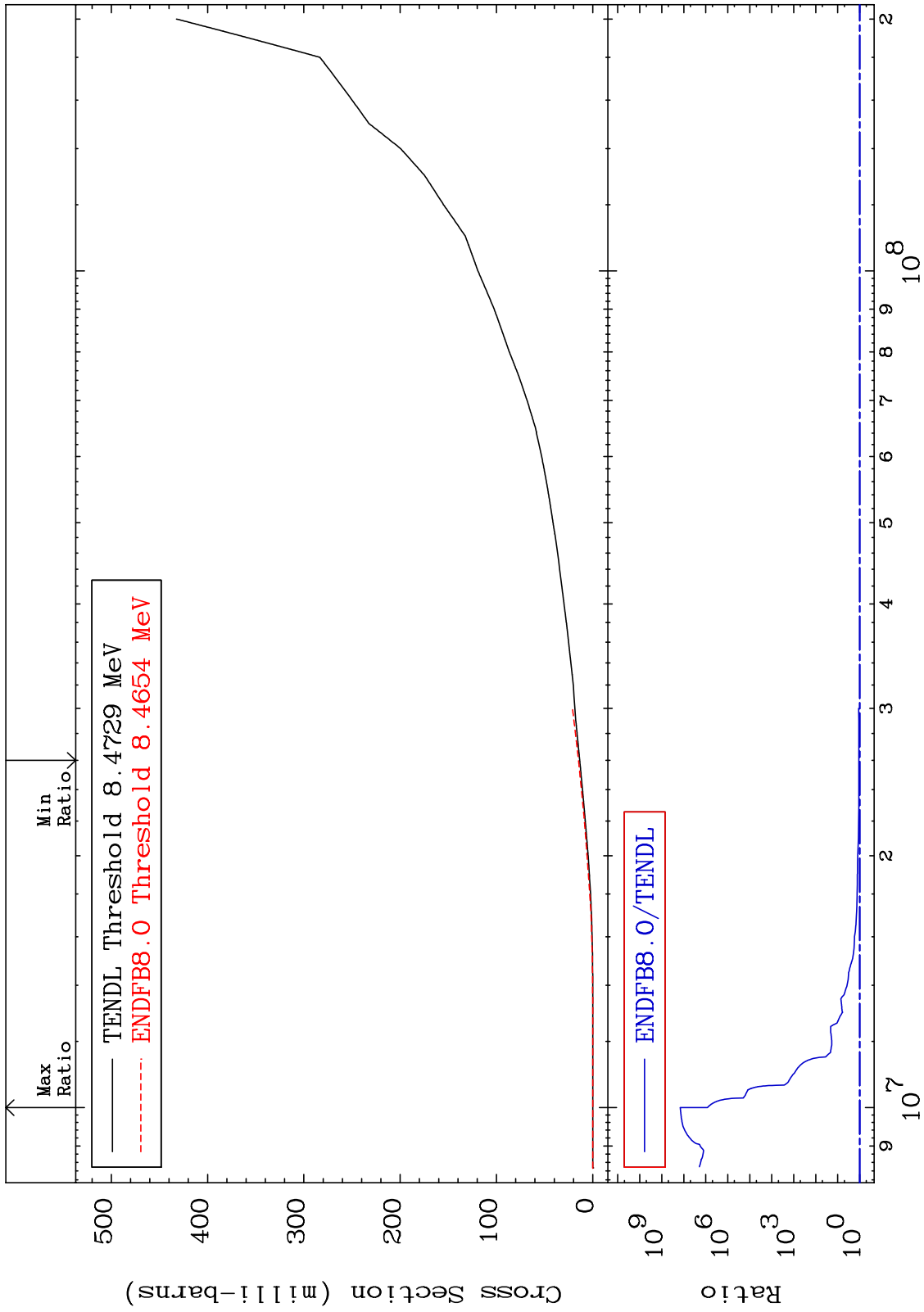
Incident Energy (eV)

46-Pd-110

MAT 4649 Hydrogen Production Cross Section 46-Pd-110 To 9999. %
 160.3



MAT 4649 Deuterium Production Cross Section 46-Pd-110 To 9999. %

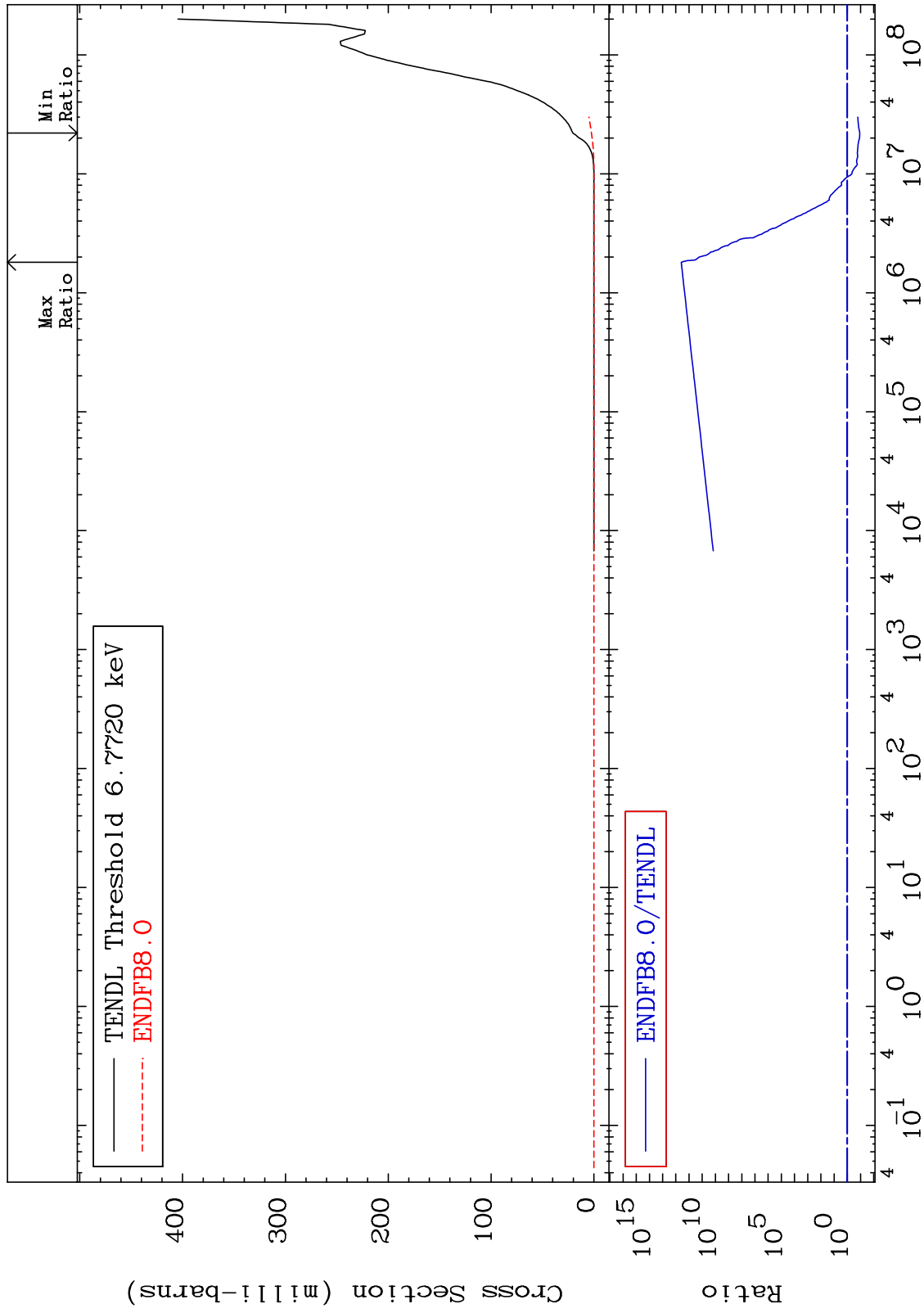


42 46-Pd-110 Incident Energy (eV)

MAT 4649

He-4 Production
Cross Section

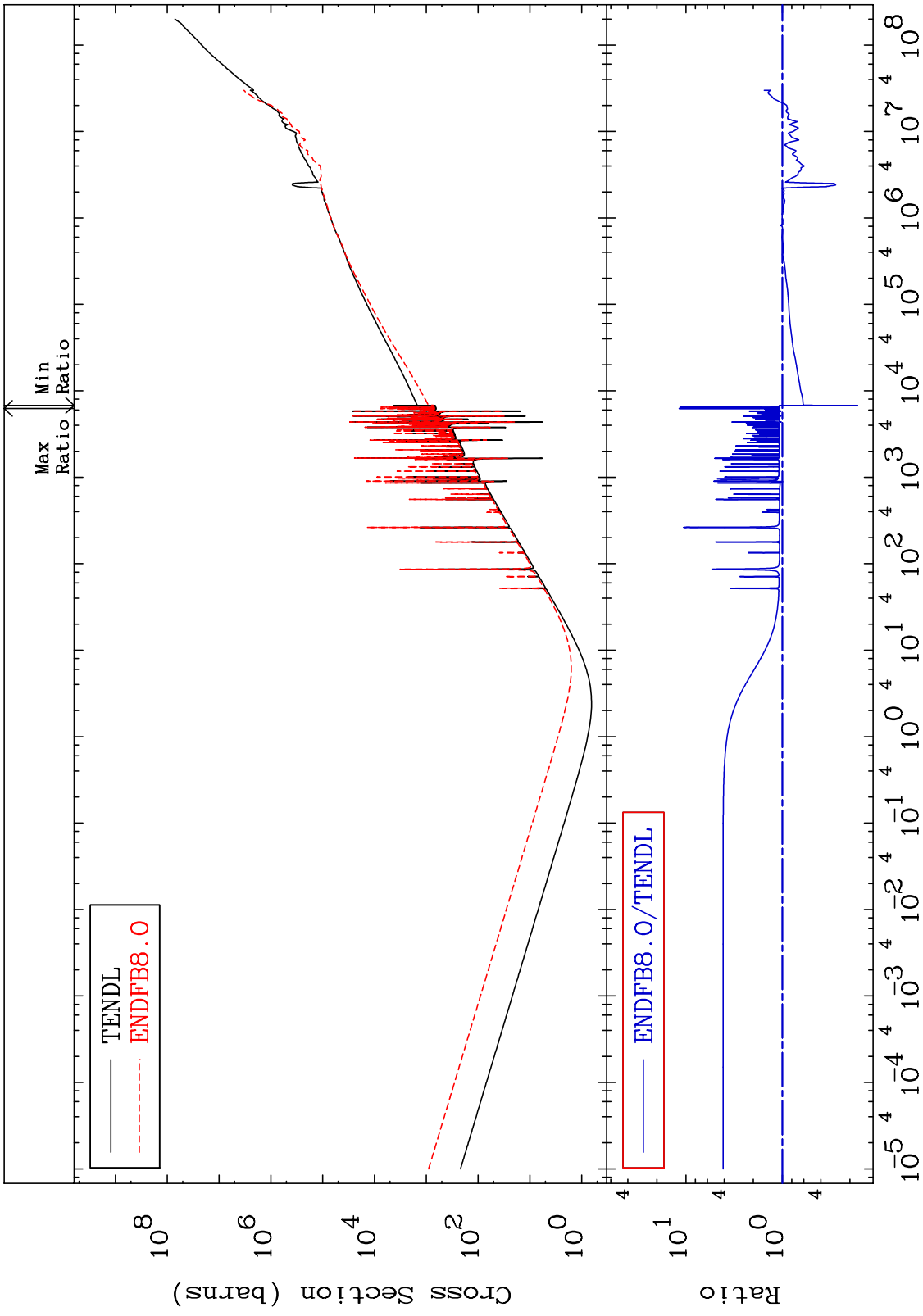
46-Pd-110
-88.63 To 9999. %



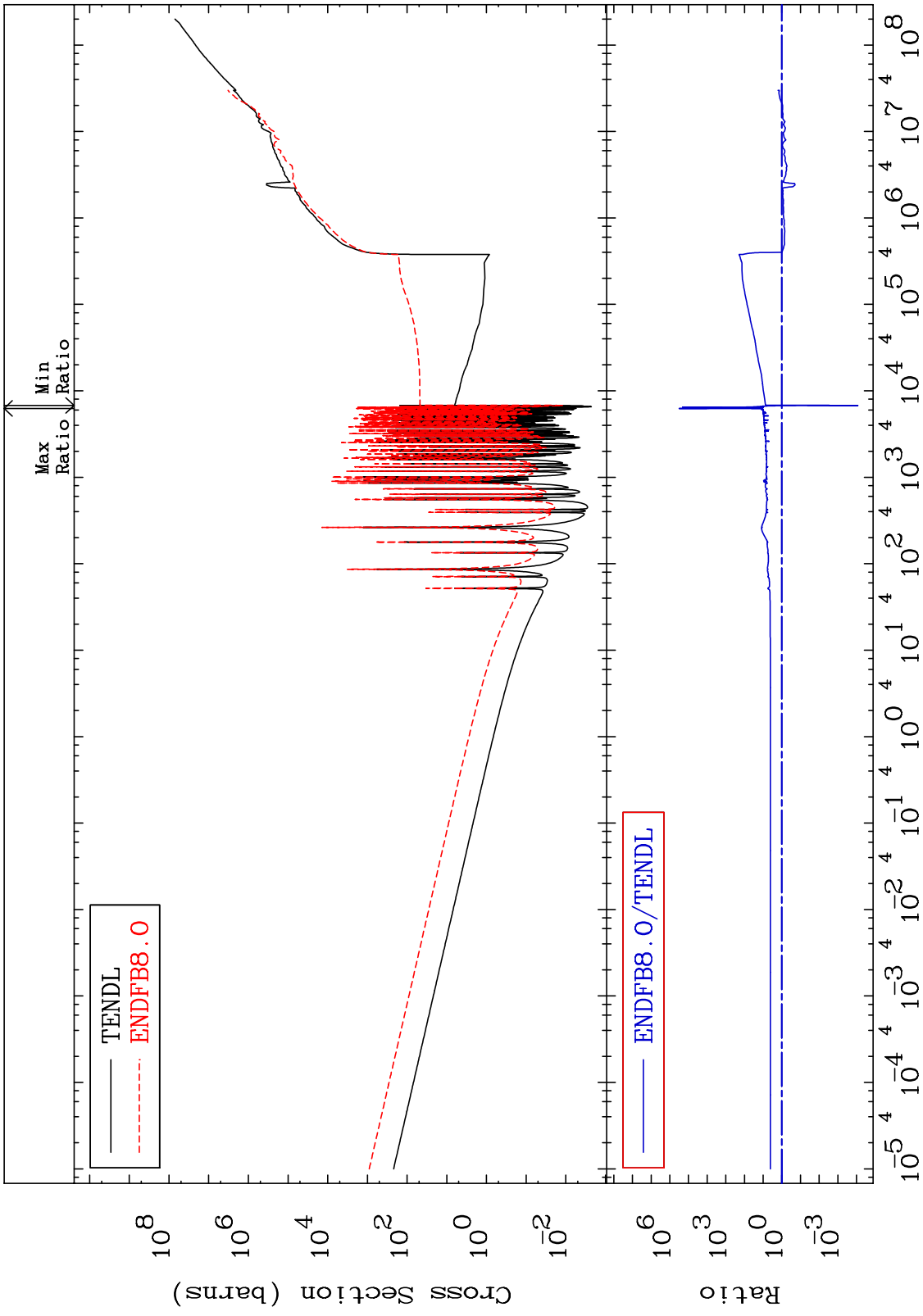
43

46-Pd-110

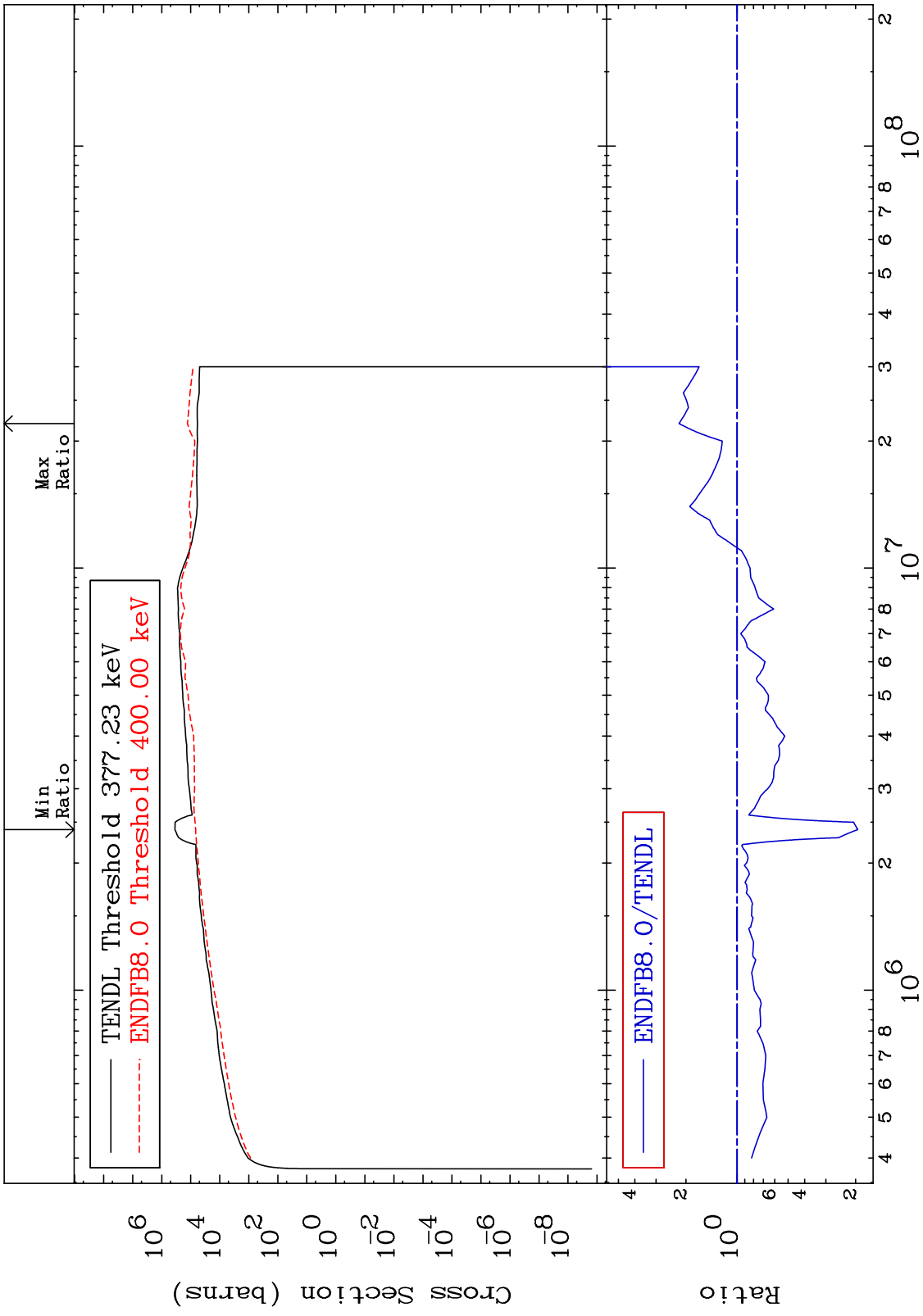
MAT 4649 Kerma total (eV-barns)
 Cross Section -83.48 To 1078. % 46-Pd-110



MAT 4649 Kerma non-elastic (all but mt2) 46-Pd-110
Cross Section -99.99 To 9999. %



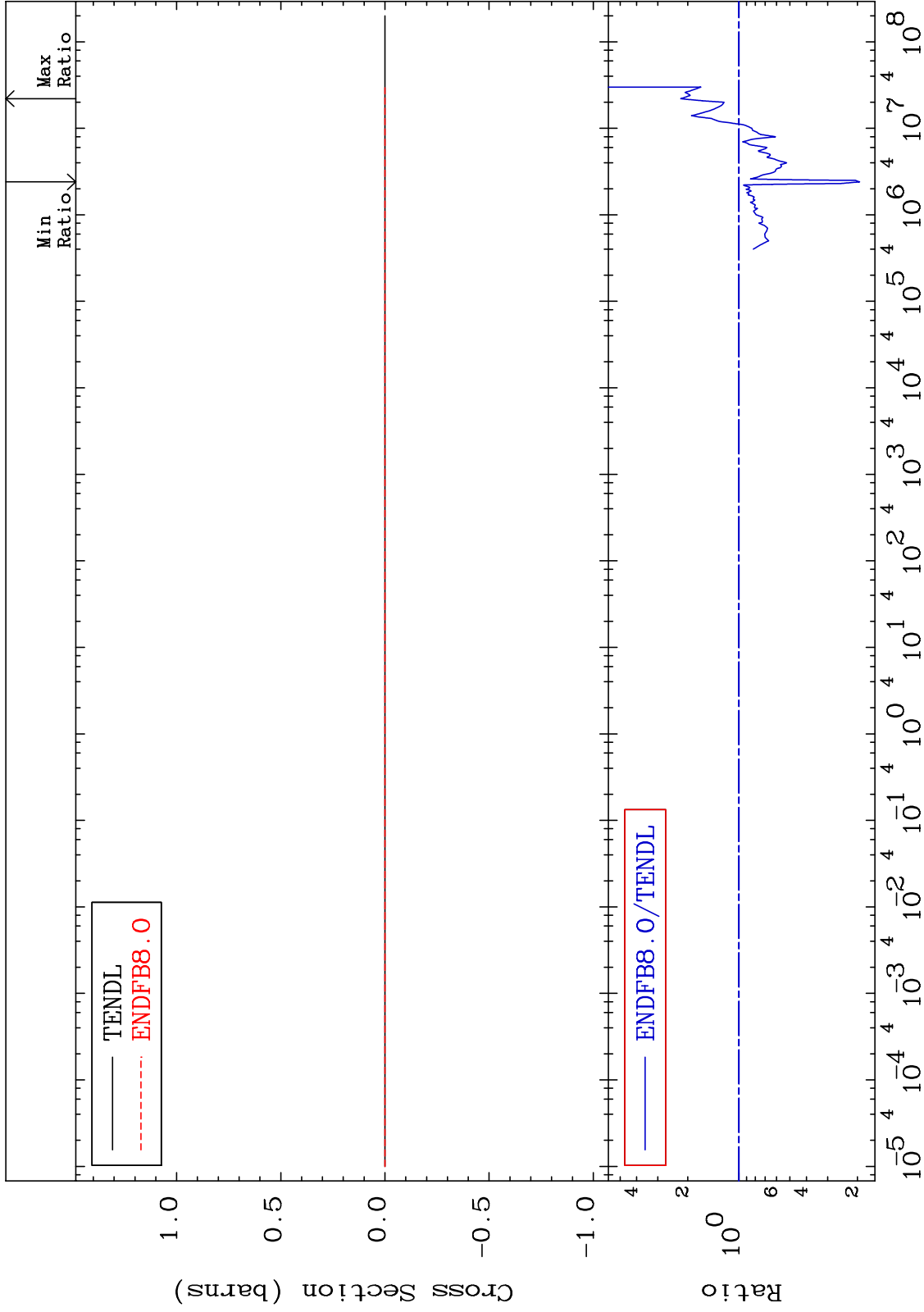
MAT 4649 Kerma inelastic (mt51-91) 46-Pd-110
 Cross Section -80.57 To 119.7 %



MAT 4649

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

46-Pd-110
-80.57 To 119.7 %



48

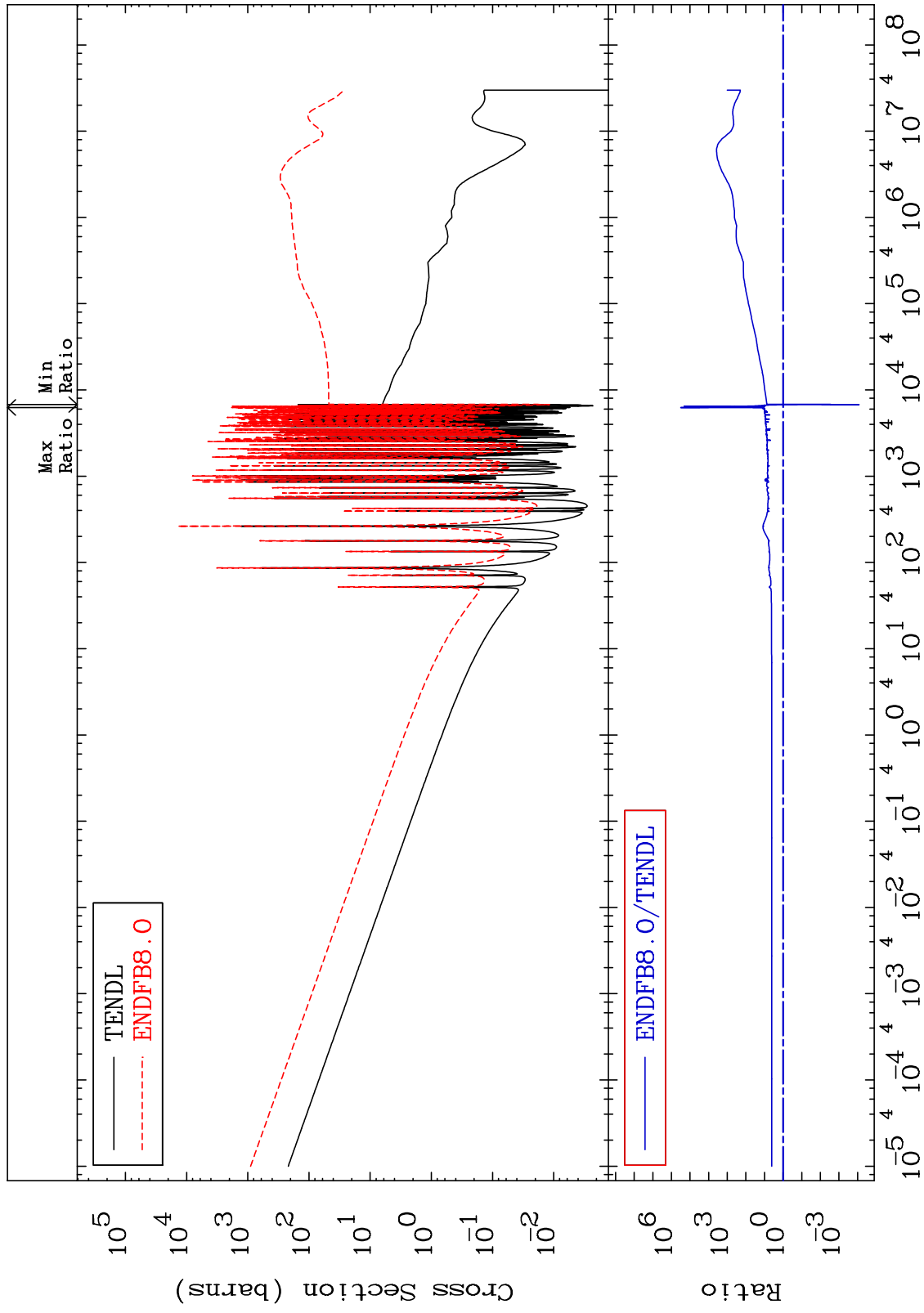
Incident Energy (eV)

46-Pd-110

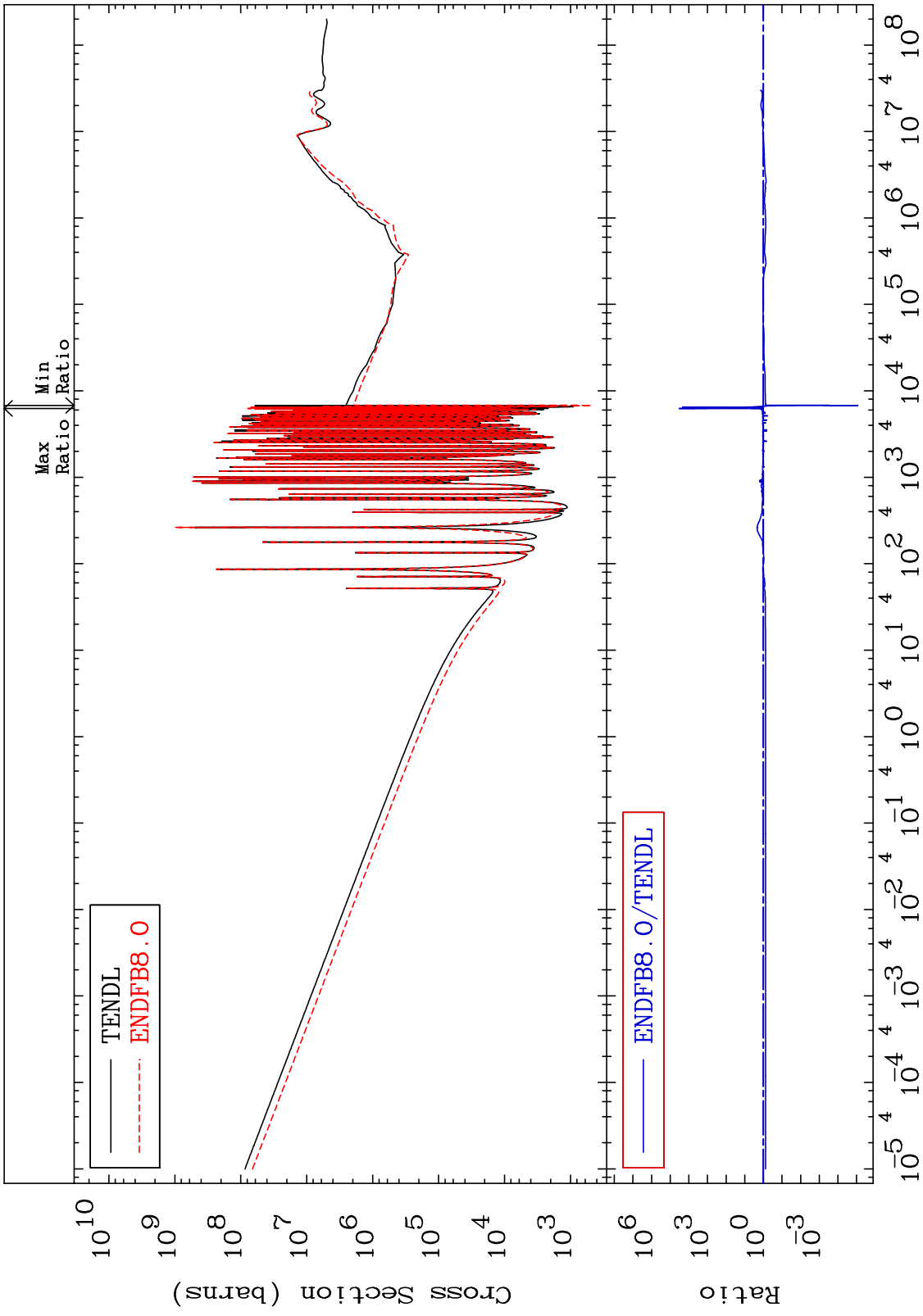
MAT 4649

Kerma capture (mt102)
Cross Section

46-Pd-110
-99.99 To 9999. %

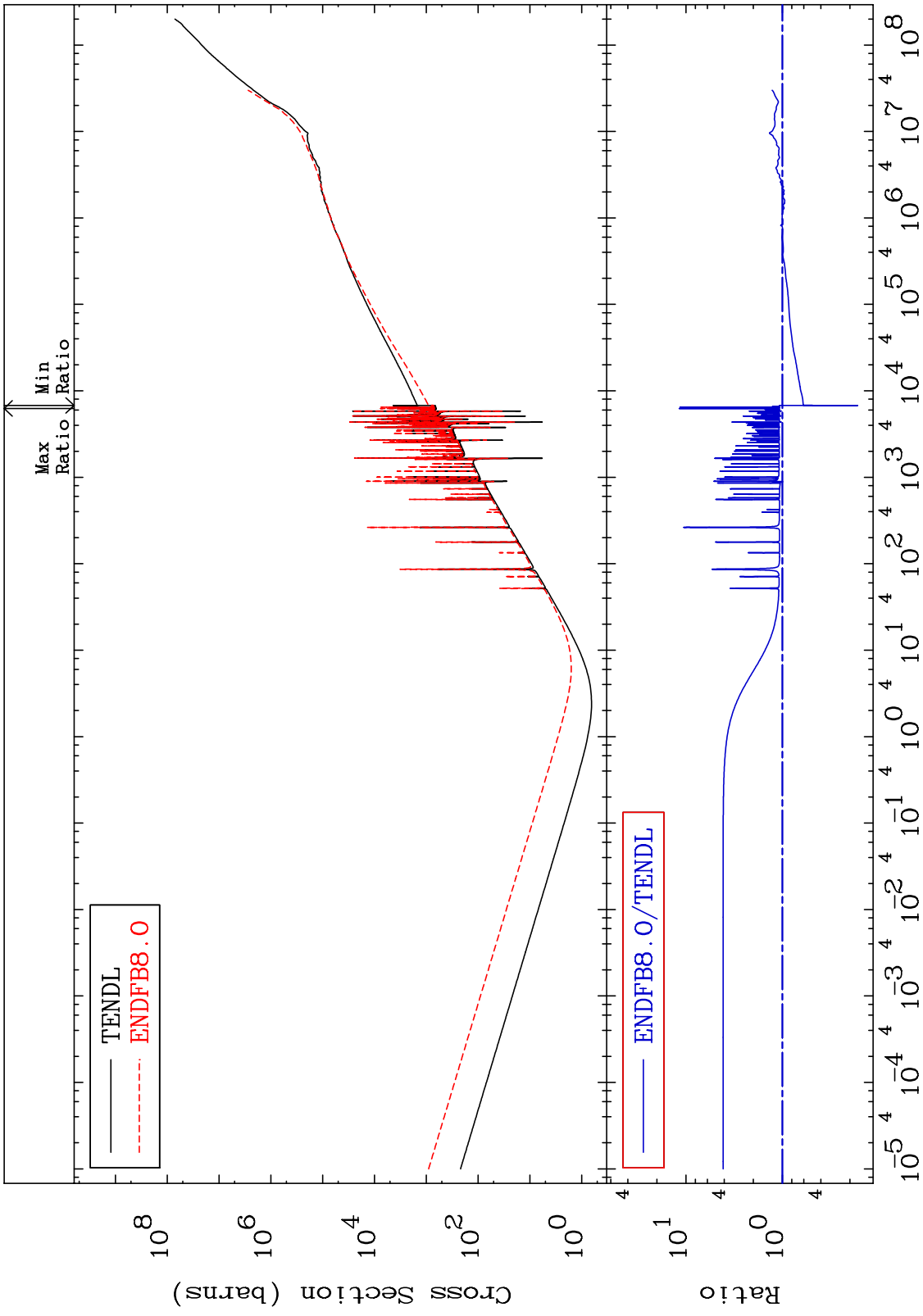


MAT 4649 Total photon (eV-barns) Cross Section 46-Pd-110
 -100.0 To 9999. %

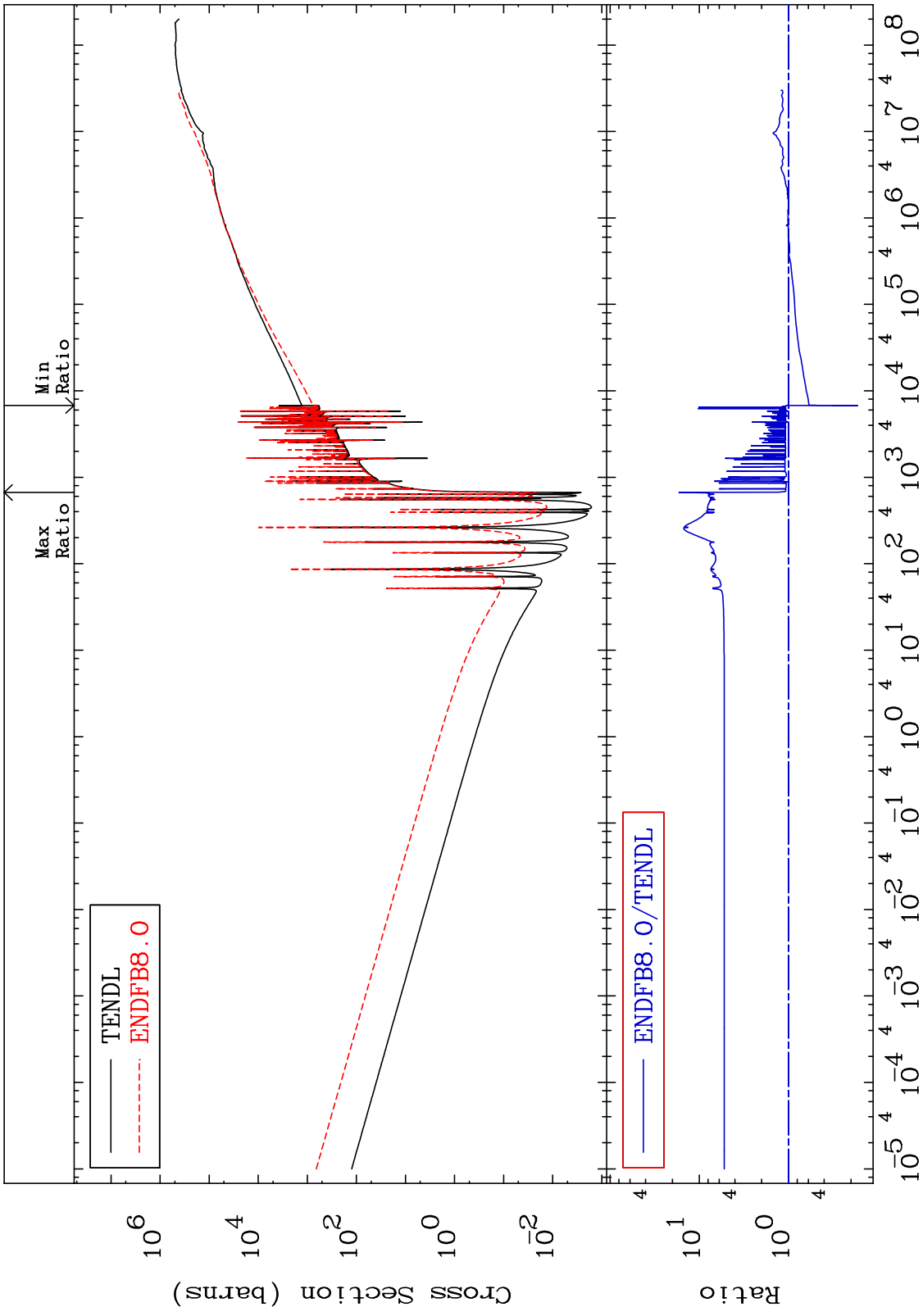


50 Incident Energy (eV) 46-Pd-110

MAT 4649 Total kinematic kerma (high limit) 46-Pd-110
 Cross Section -83.48 To 1078. %



MAT 4649 Dpa total (eV-barns) 46-Pd-110
 Cross Section -83.27 To 1588. %

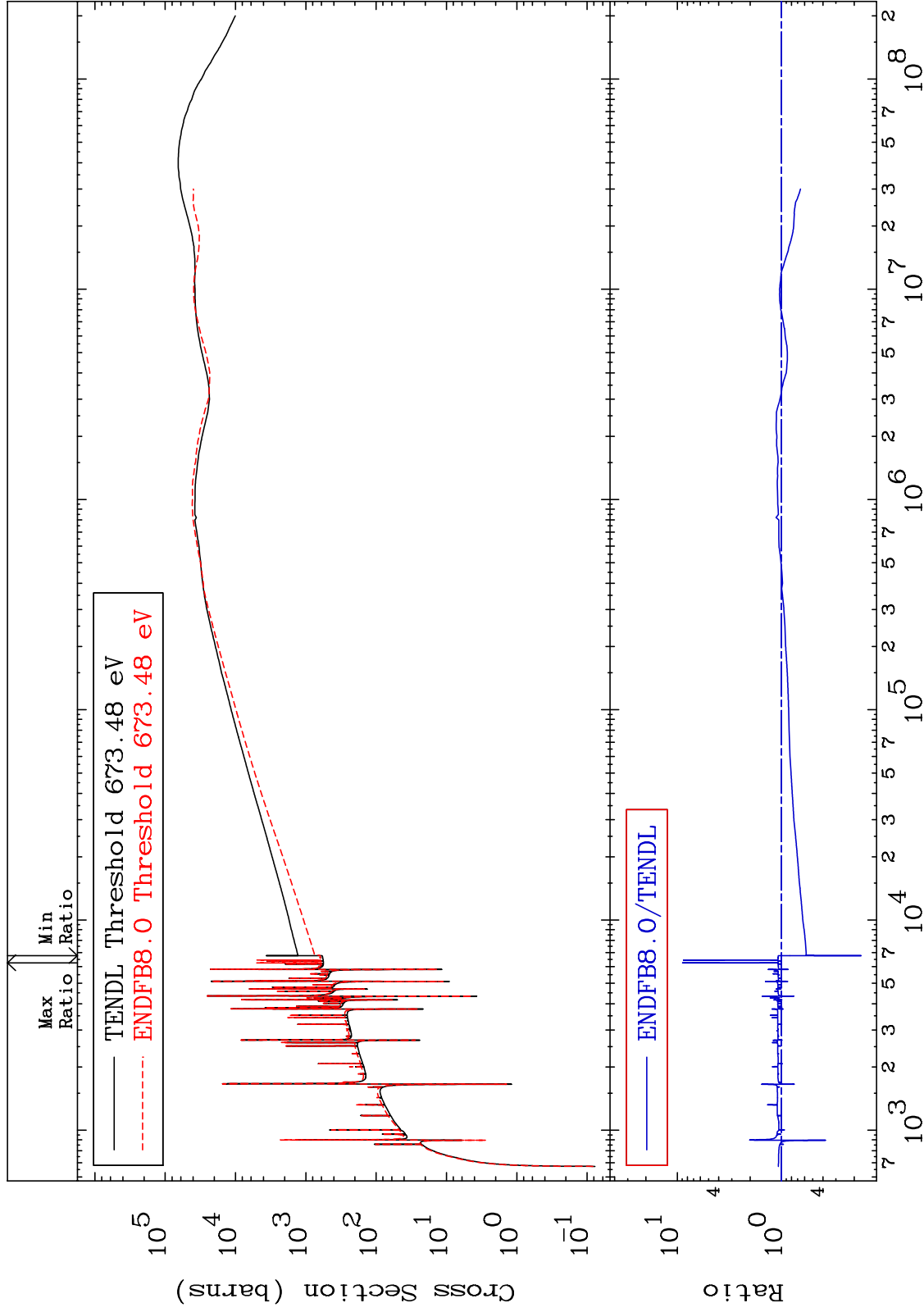


52 Incident Energy (eV) 46-Pd-110

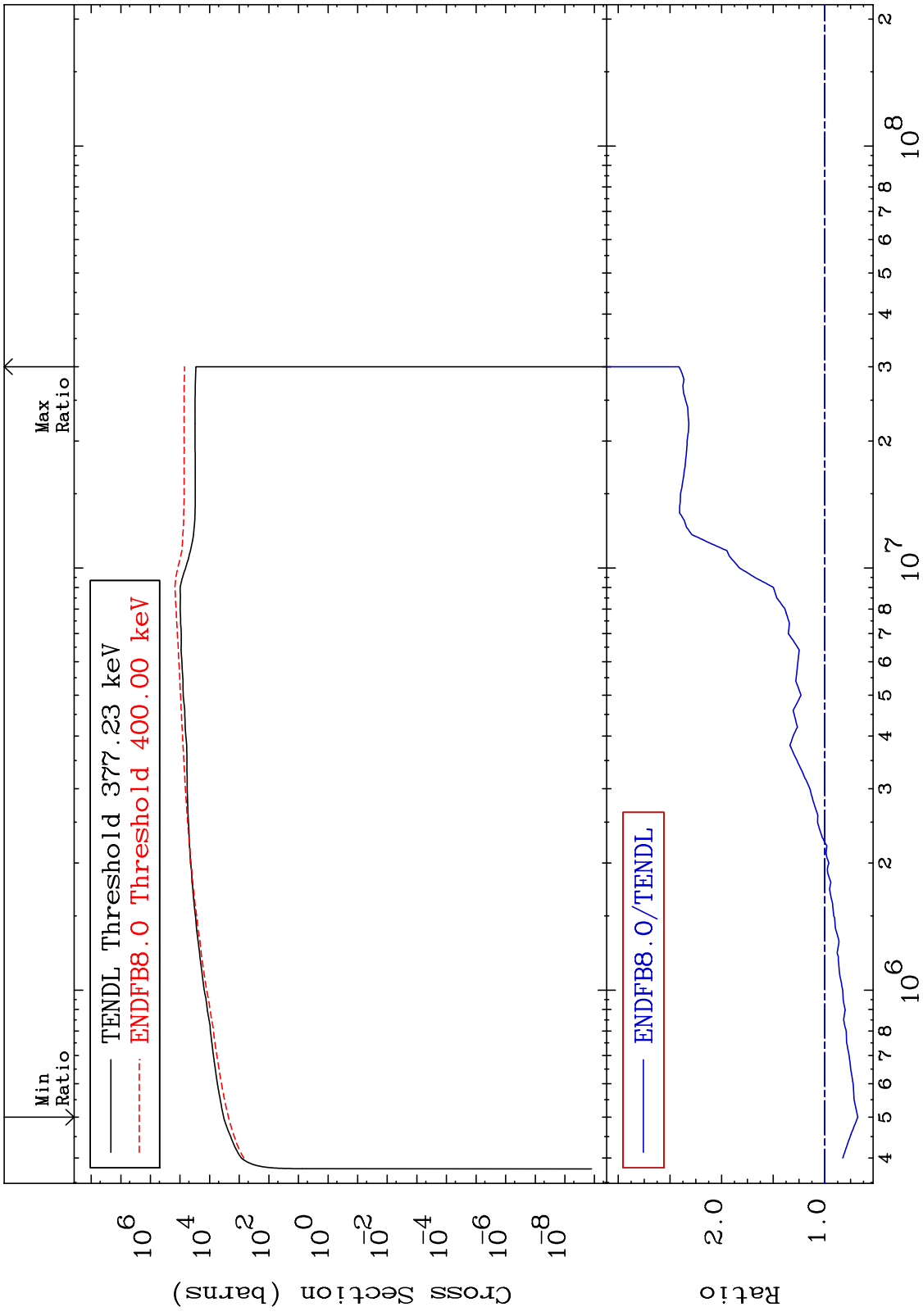
MAT 4649

Dpa elastic (mt2)
Cross Section

46-Pd-110
-82.88 To 792.6 %



MAT 4649 Dpa inelastic (mt51-91) 46-Pd-110
 Cross Section -32.04 To 141.2 %



MAT 4649 Dpa disappearance (mt102 -120) 46-Pd-110
 Cross Section -99.99 To 9999. %

