

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

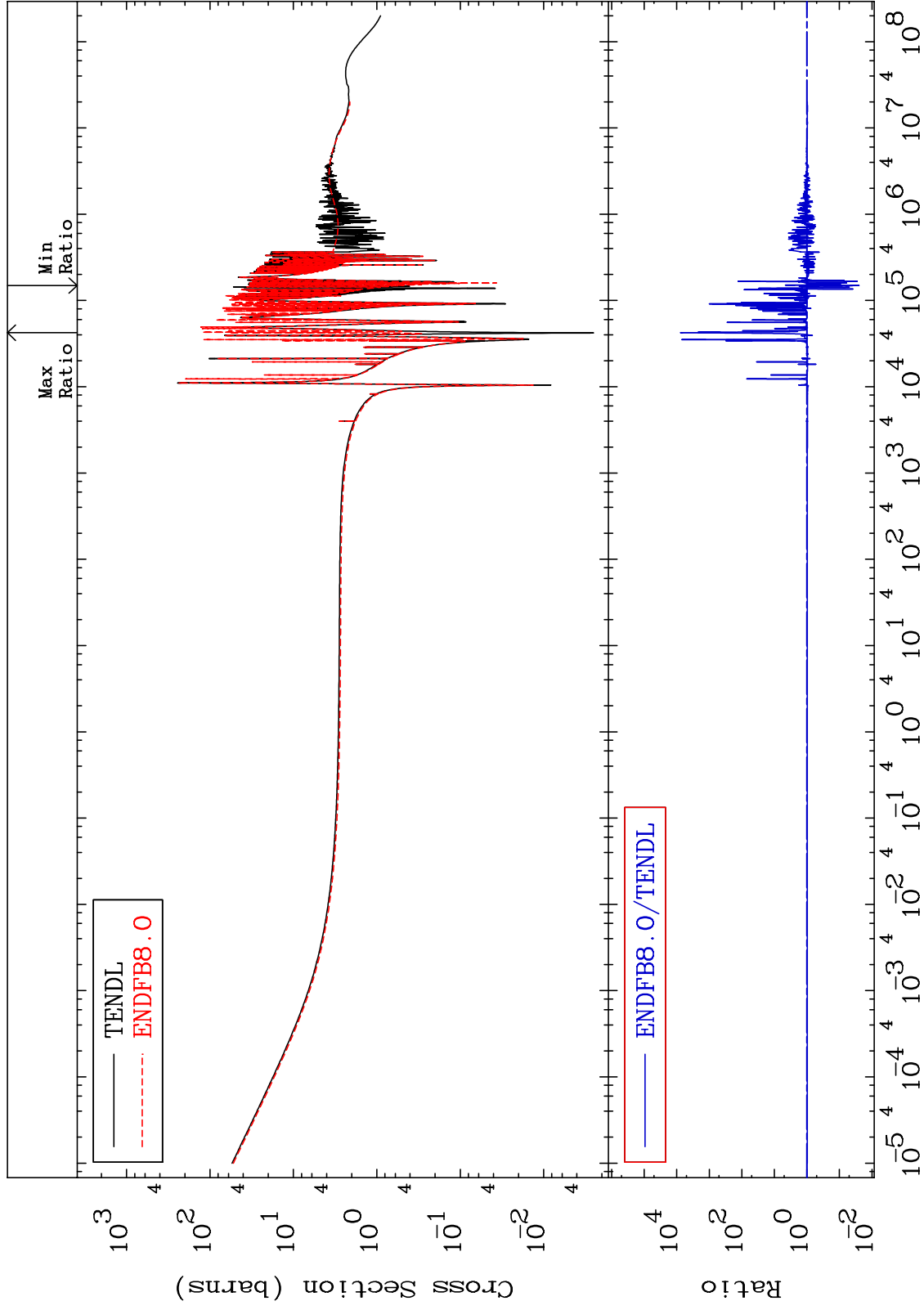
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2225

Total
Cross Section

22-Ti-46
-97.50 To 9999. %



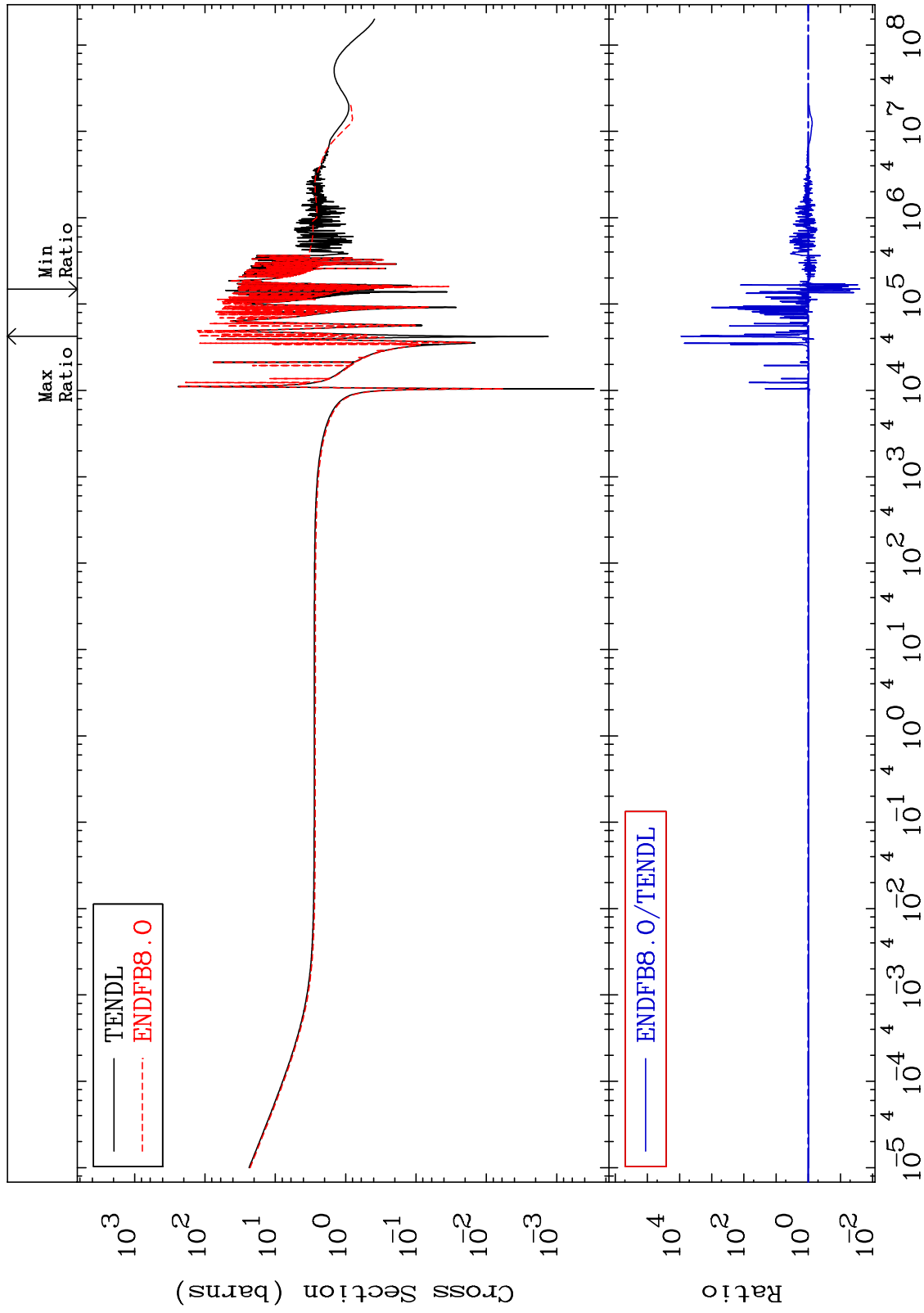
Incident Energy (eV)

22-Ti-46

MAT 2225

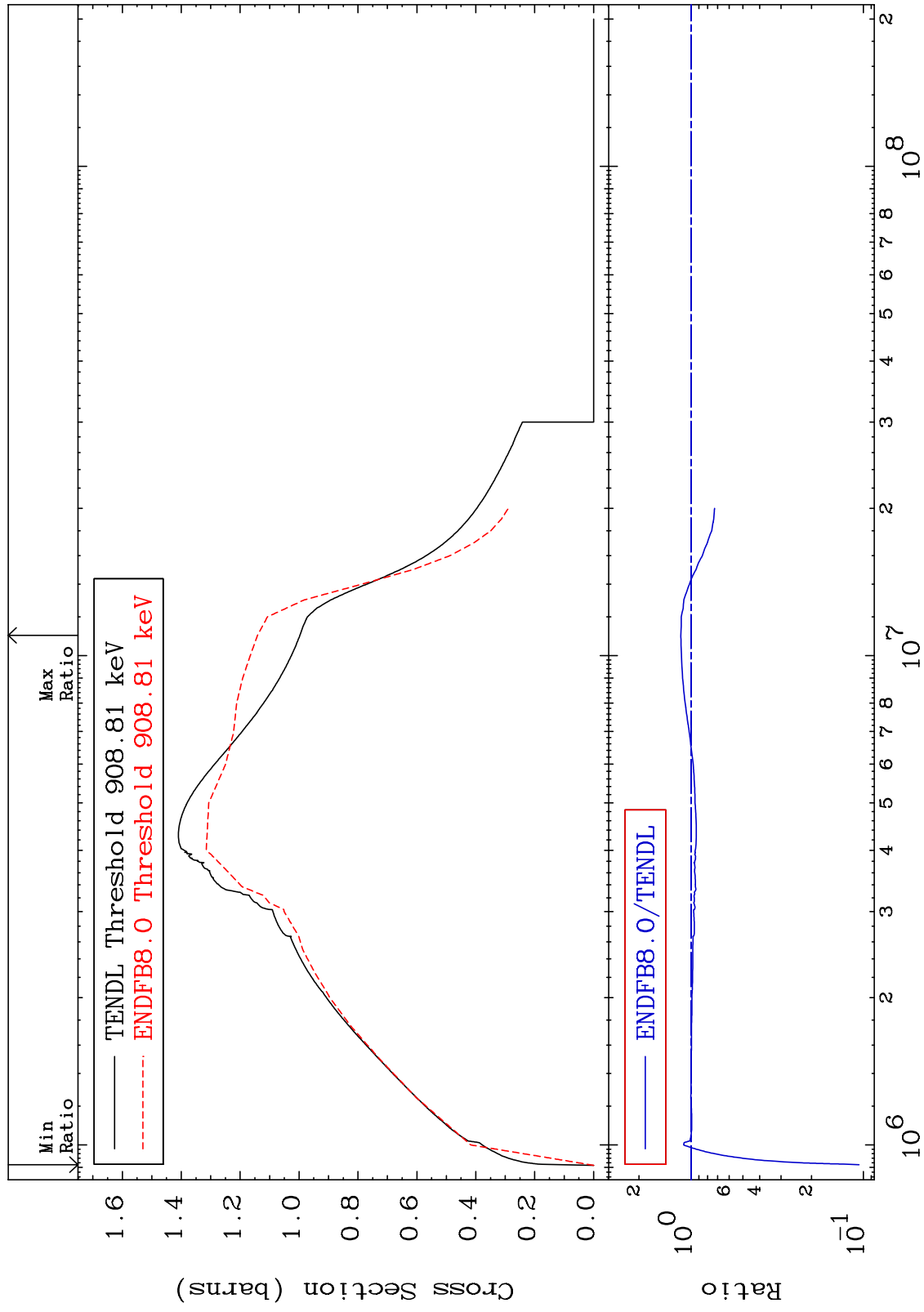
Elastic
Cross Section

22-Ti-46
-97.50 To 9999. %



MAT 2225 22-Ti-46 -89.41 To 14.45 %

Inelastic Cross Section

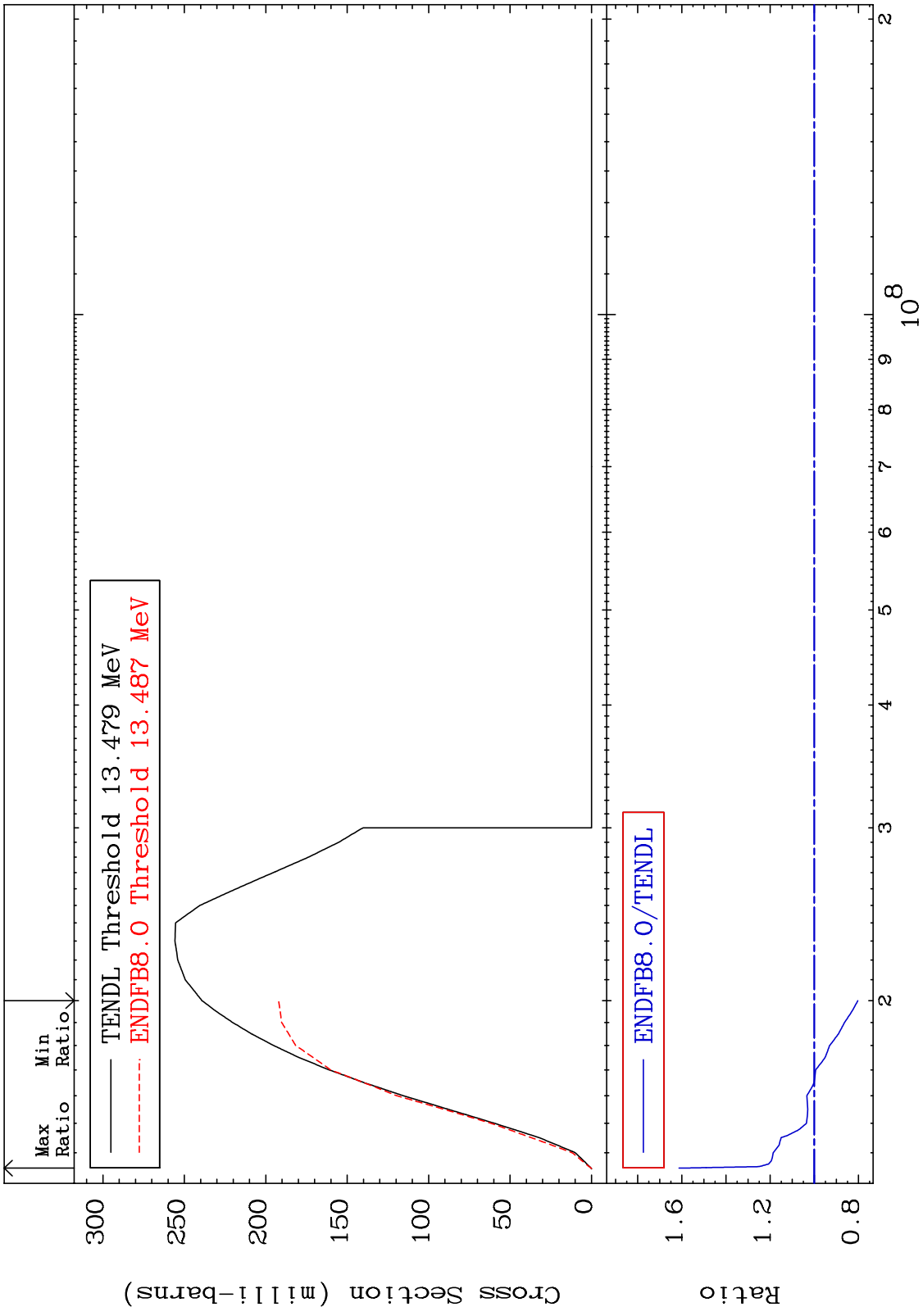


Incident Energy (eV)

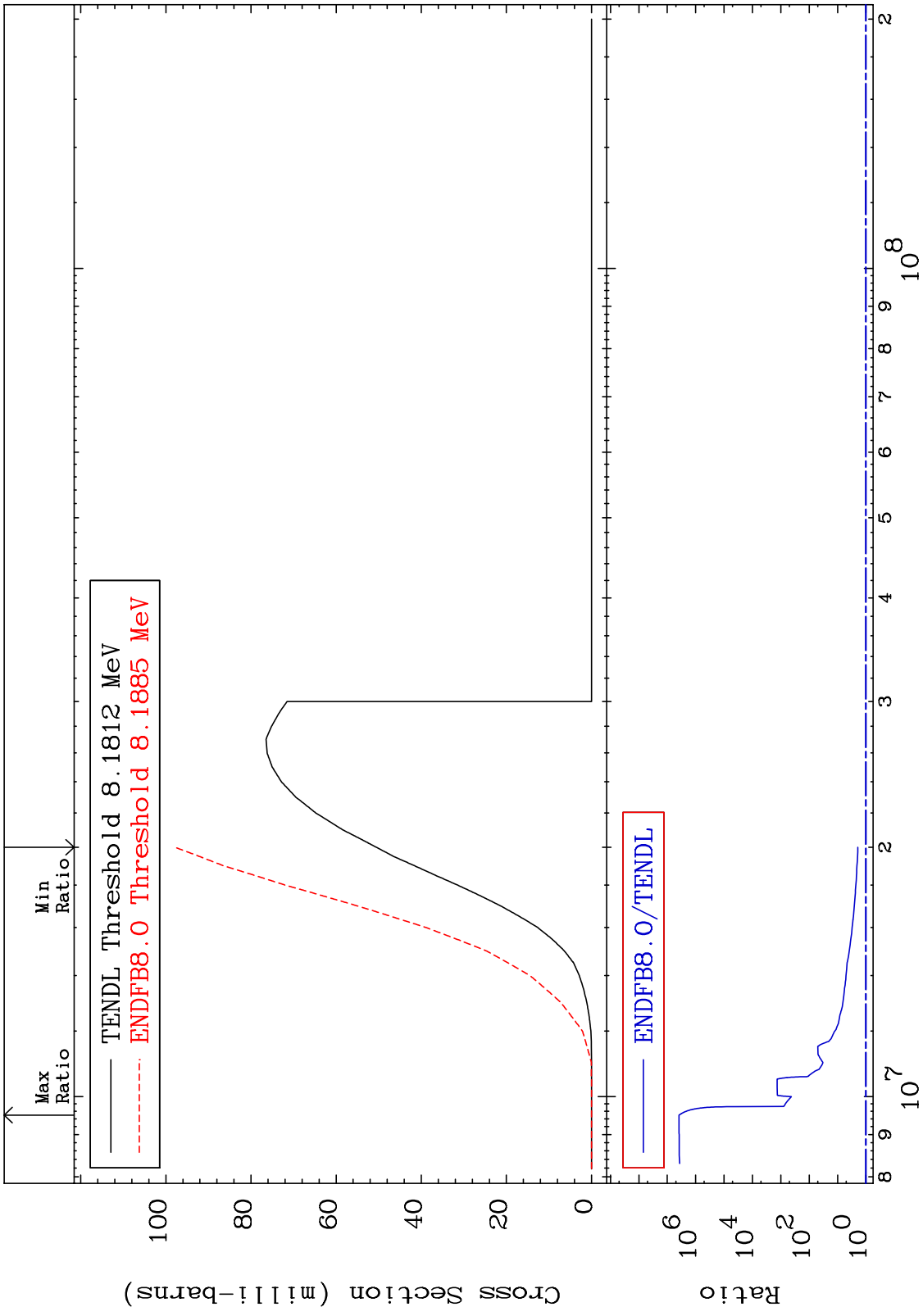
22-Ti-46

3

MAT 2225 (n,2n) Cross Section 22-Ti-46
 -19.71 To 61.28 %

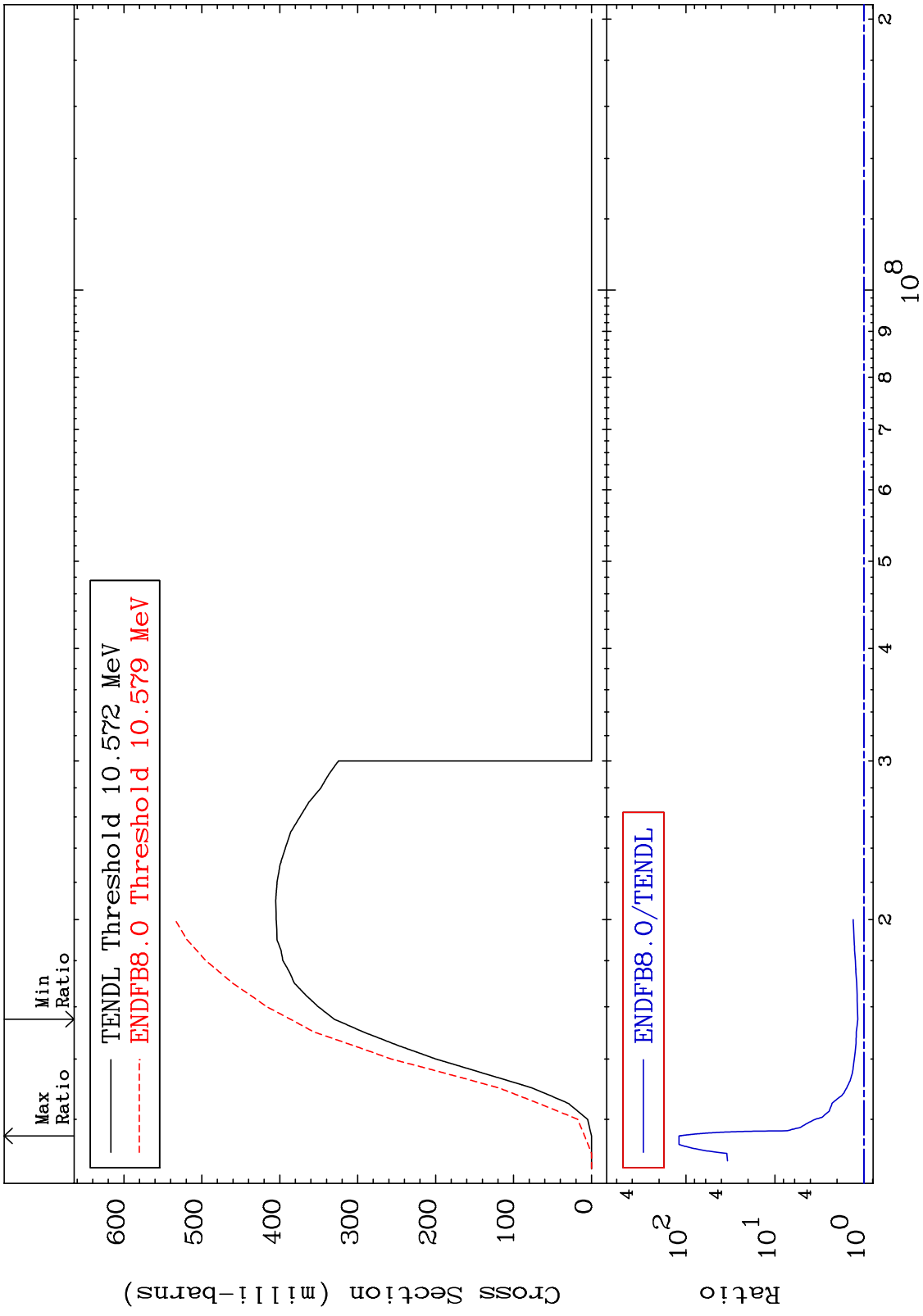


MAT 2225 $(n, n') \alpha$ Cross Section 22-Ti-46
 93.62 To 9999. %

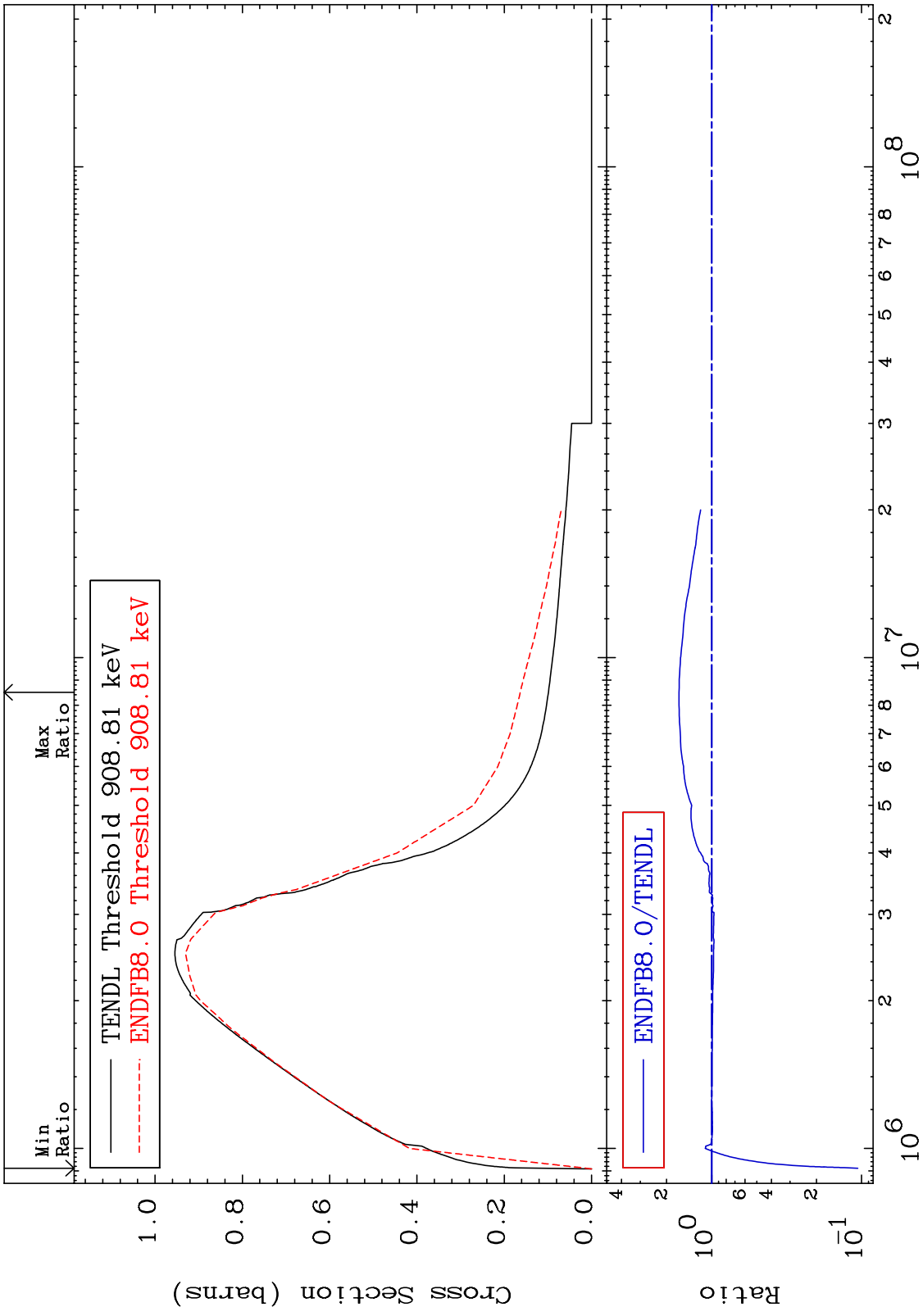


Incident Energy (eV) 22-Ti-46

MAT 2225 (n,n') p 22-Ti-46
 Cross Section 17.04 To 9999. %

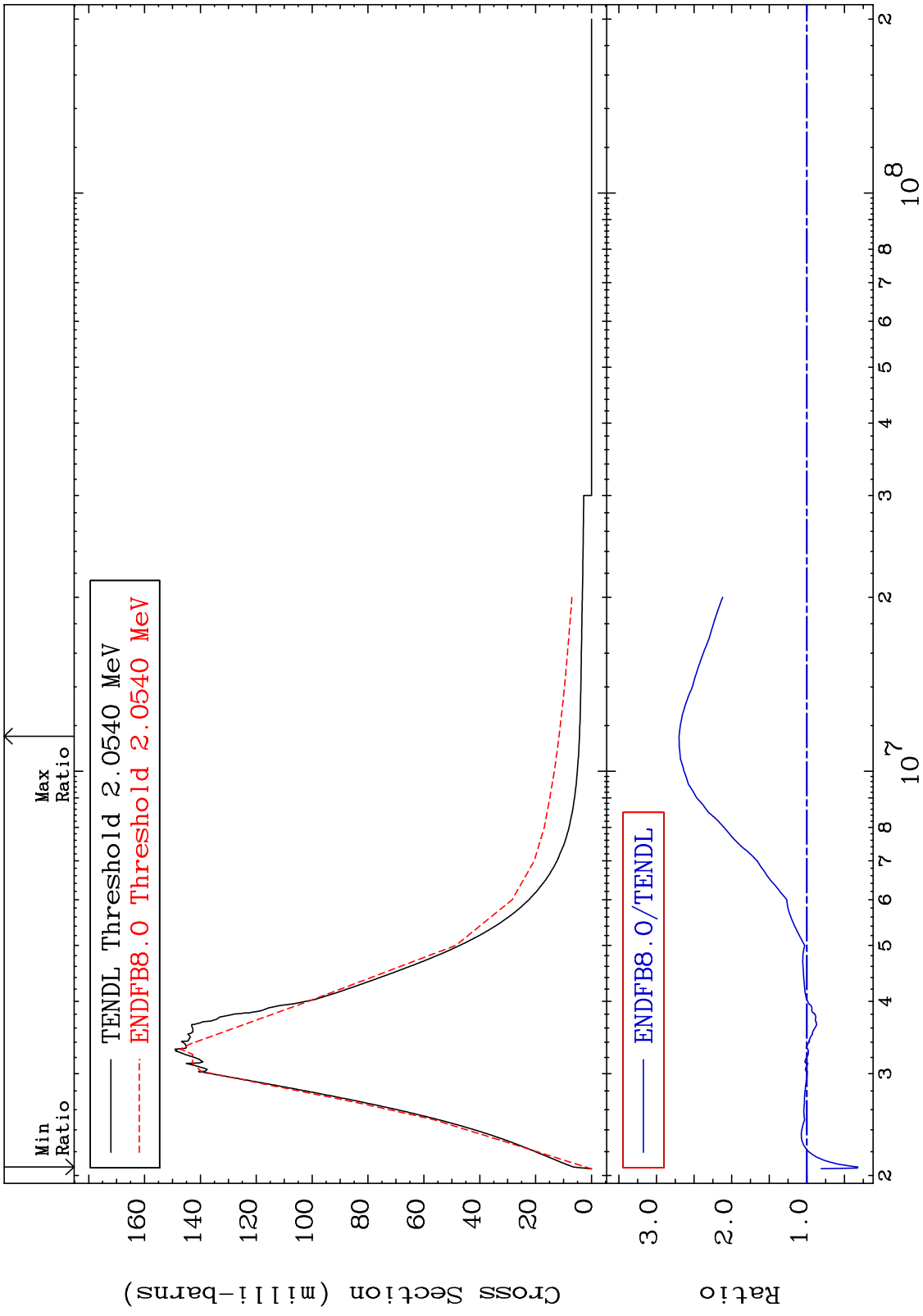


MAT 2225 MT= 51 (n,n') Level Cross Section 22-Ti-46
 -89.41 To 65.25 %

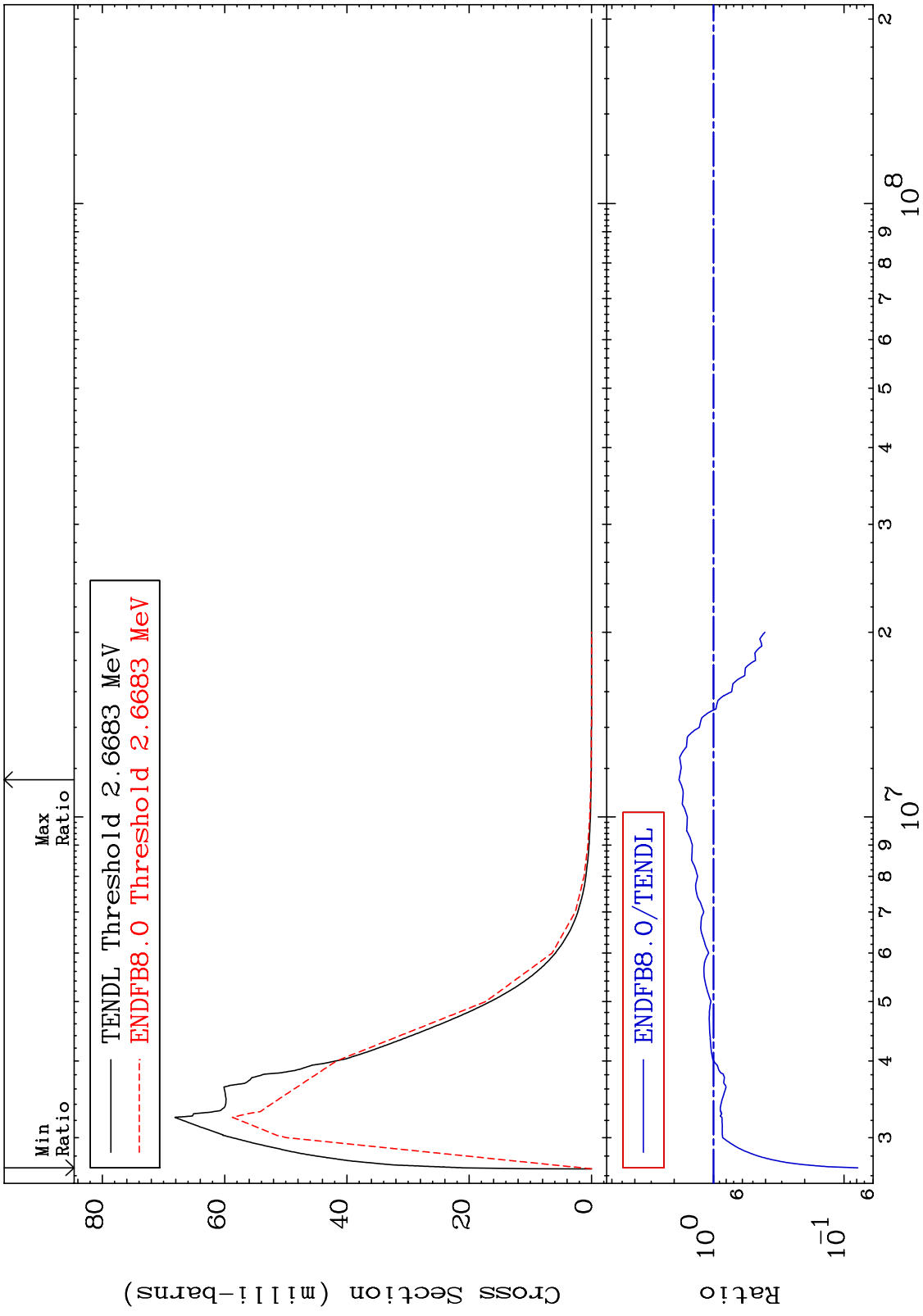


Incident Energy (eV) 22-Ti-46

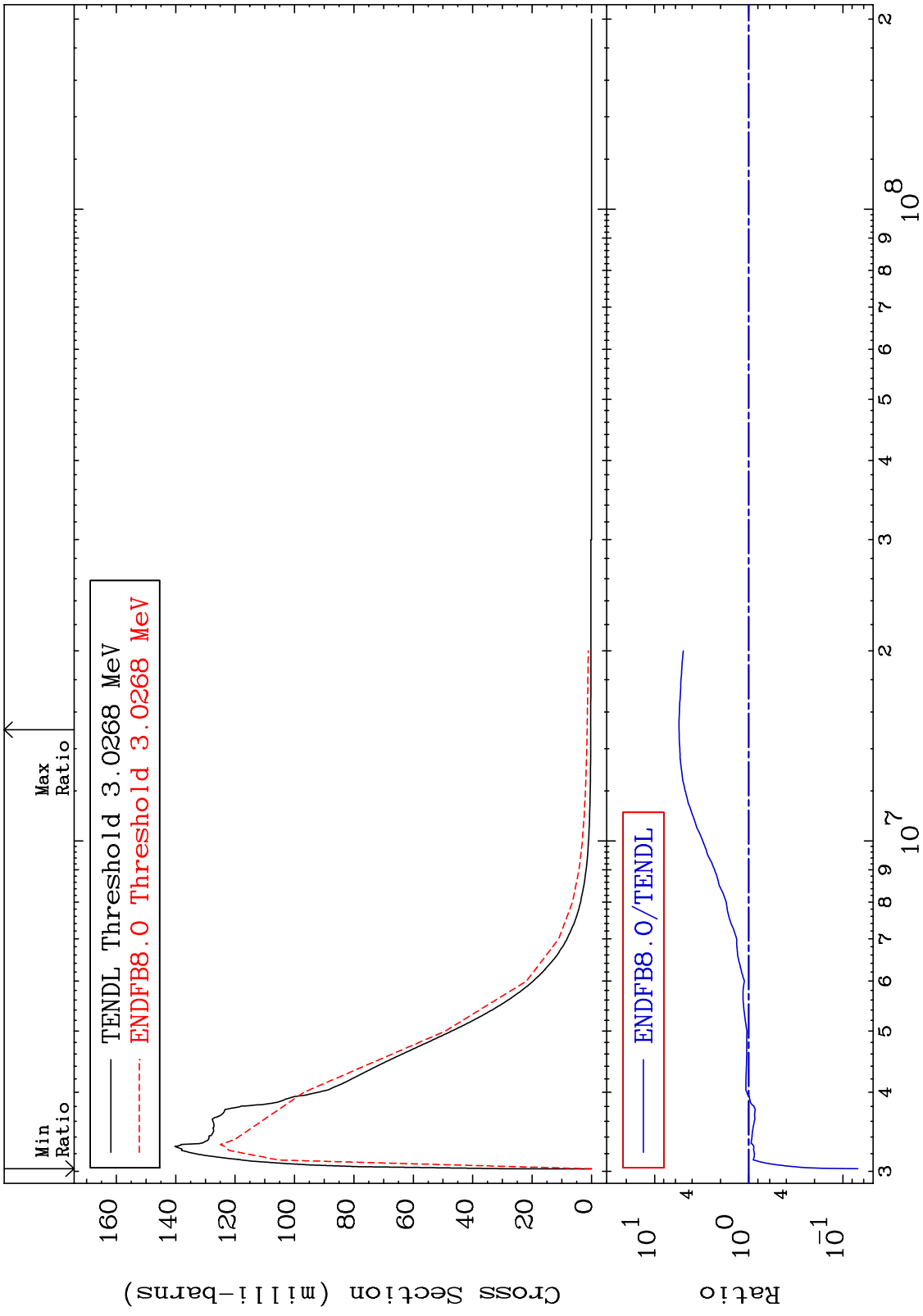
MAT 2225 MT= 52 (n,n') Level Cross Section -67.78 To 169.9 % 22-Ti-46



MAT 2225 MT= 53 (n,n') Level Cross Section 22-Ti-46 -92.16 To 83.55 %

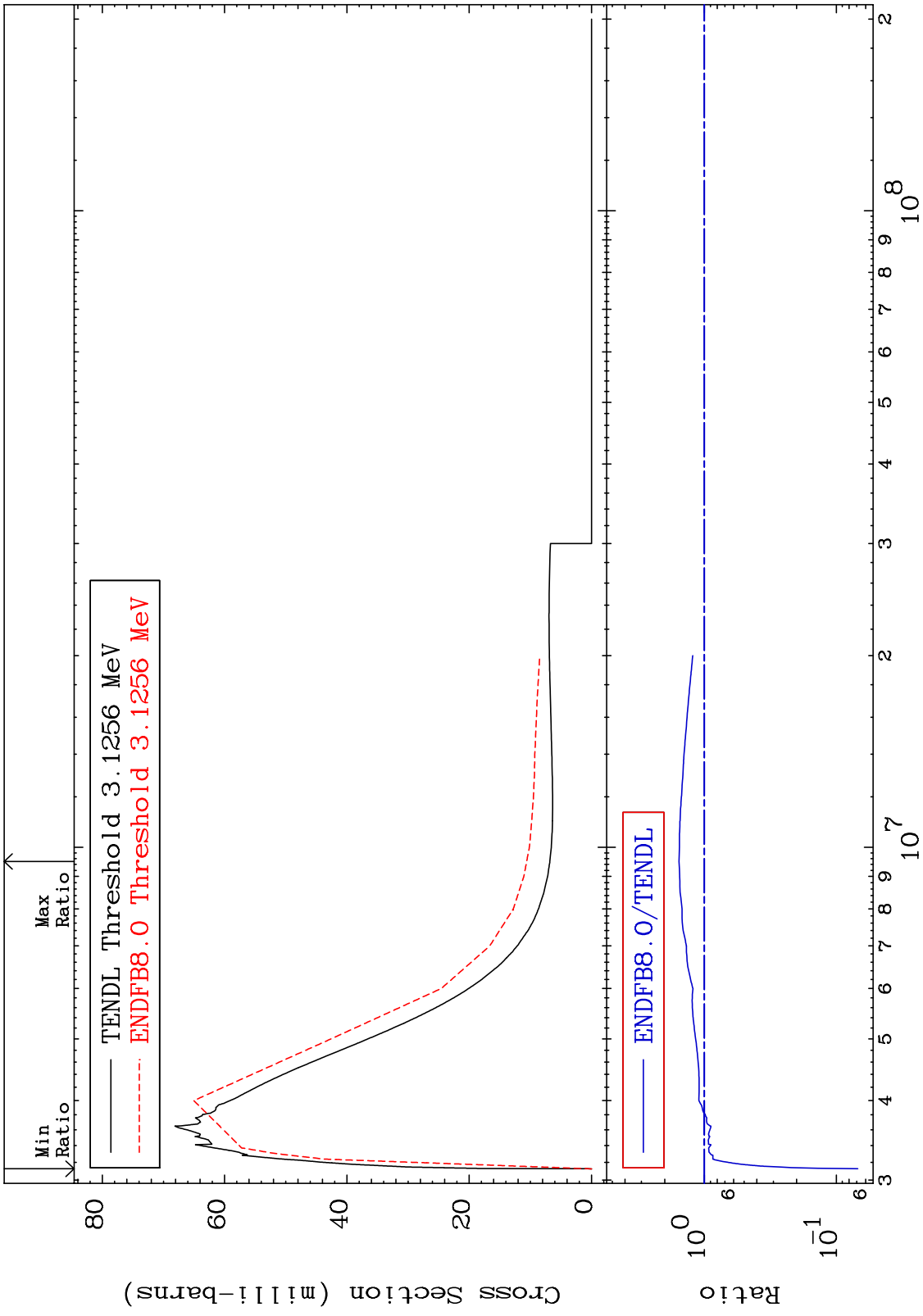


MAT 2225 MT= 54 (n,n') Level Cross Section 22-Ti-46
 -93.06 To 450.1 %

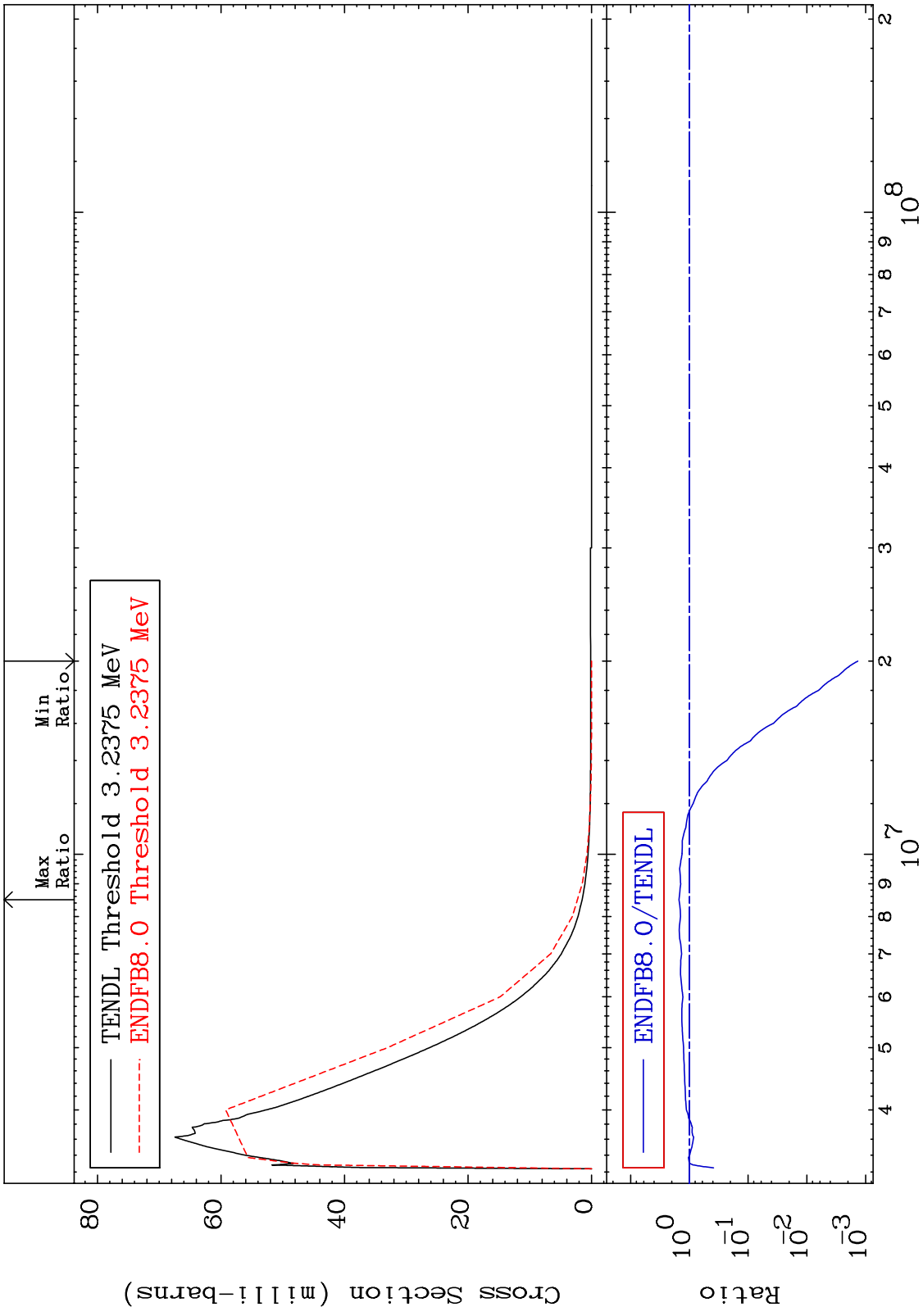


10 Incident Energy (eV) 22-Ti-46

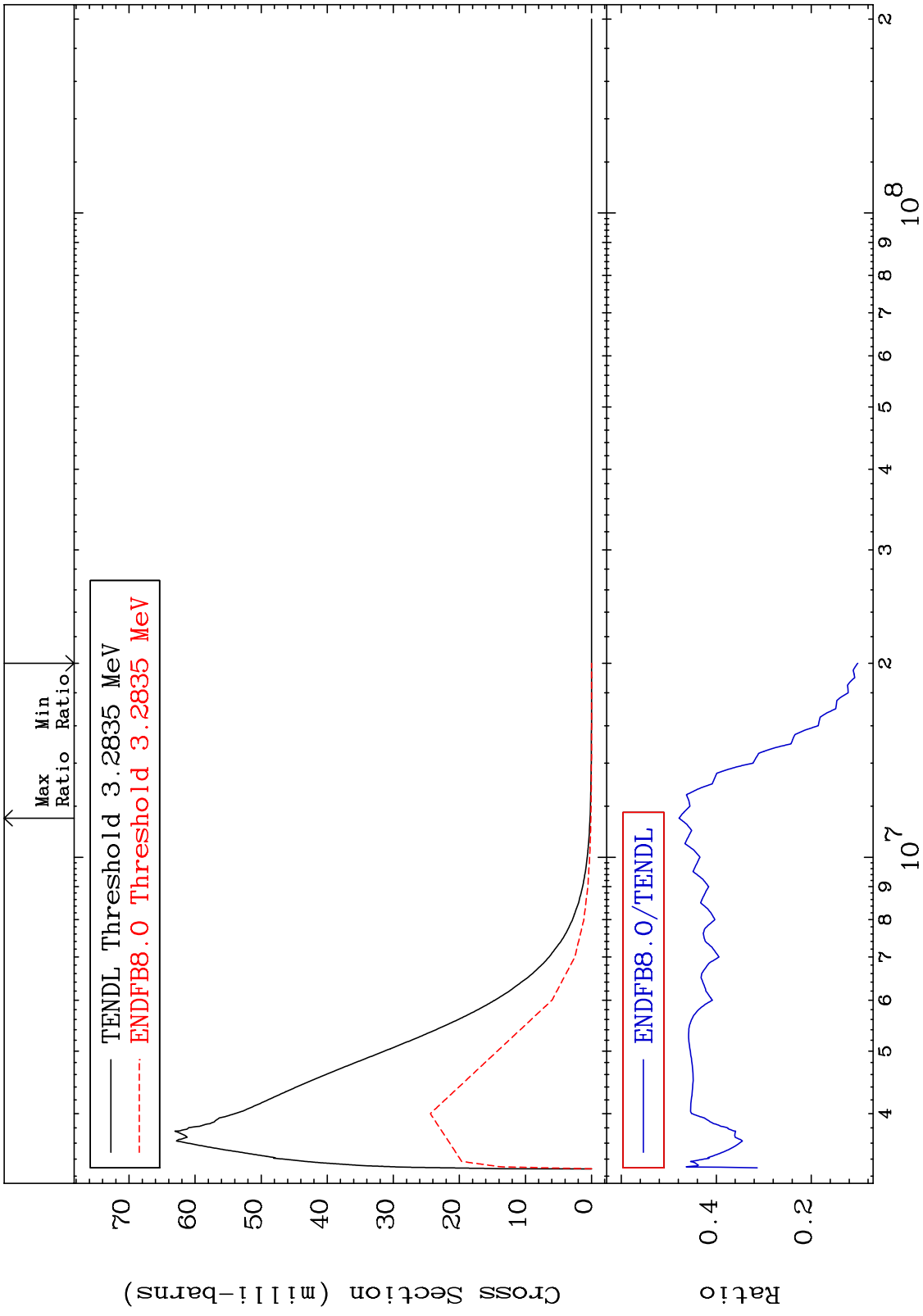
MAT 2225 MT= 55 (n,n') Level Cross Section 22-Ti-46
 -93.13 To 55.69 %



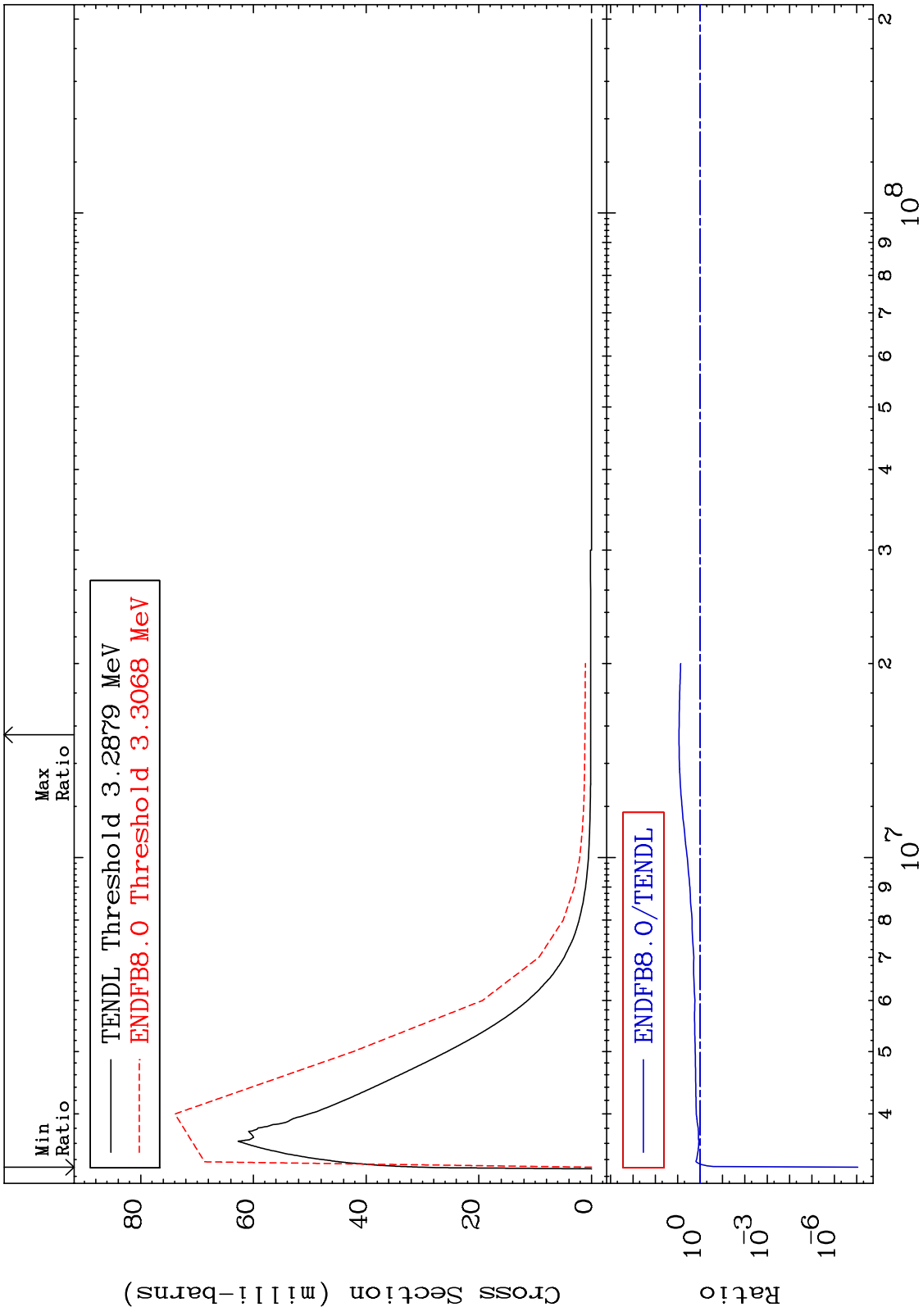
MAT 2225 MT= 56 (n,n') Level Cross Section 22-Ti-46
 -99.86 To 50.02 %



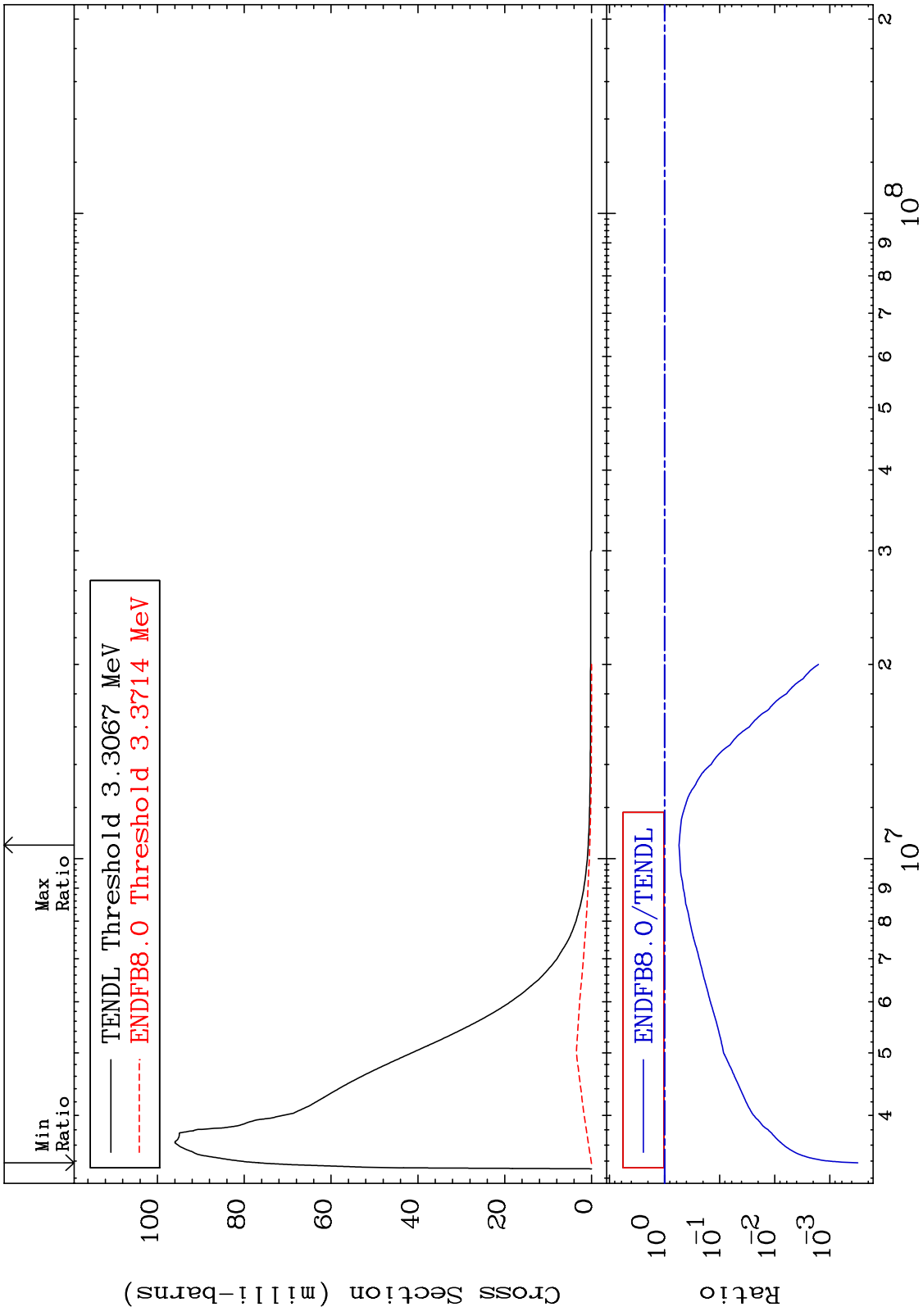
MAT 2225 MT= 57 (n,n') Level Cross Section 22-Ti-46 -89.83 To -52.15%

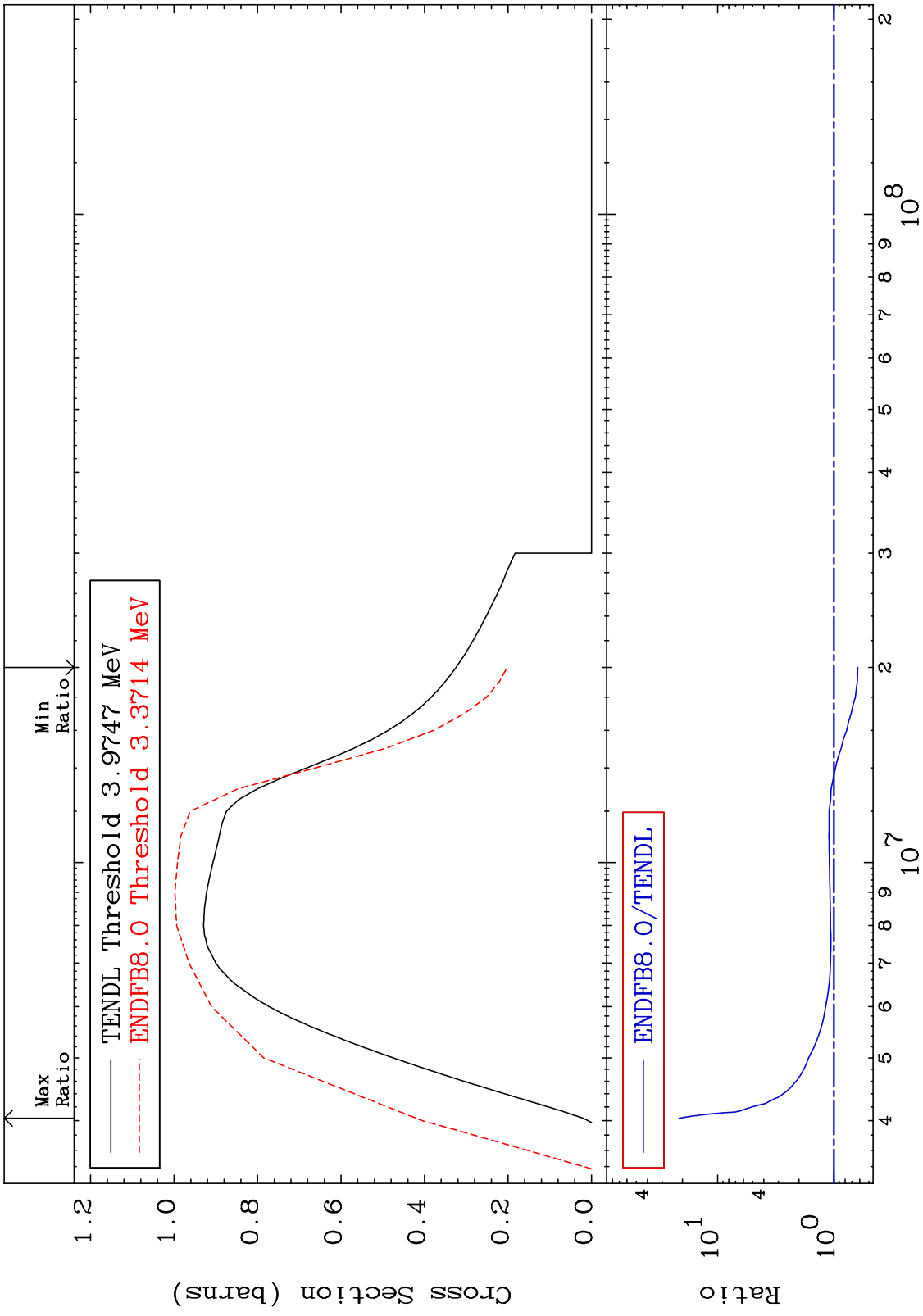


MAT 2225 MT= 58 (n,n') Level Cross Section -100.0 To 772.5 % 22-Ti-46



MAT 2225 MT= 59 (n,n') Level Cross Section 22-Ti-46
 -99.97 To -45.67%





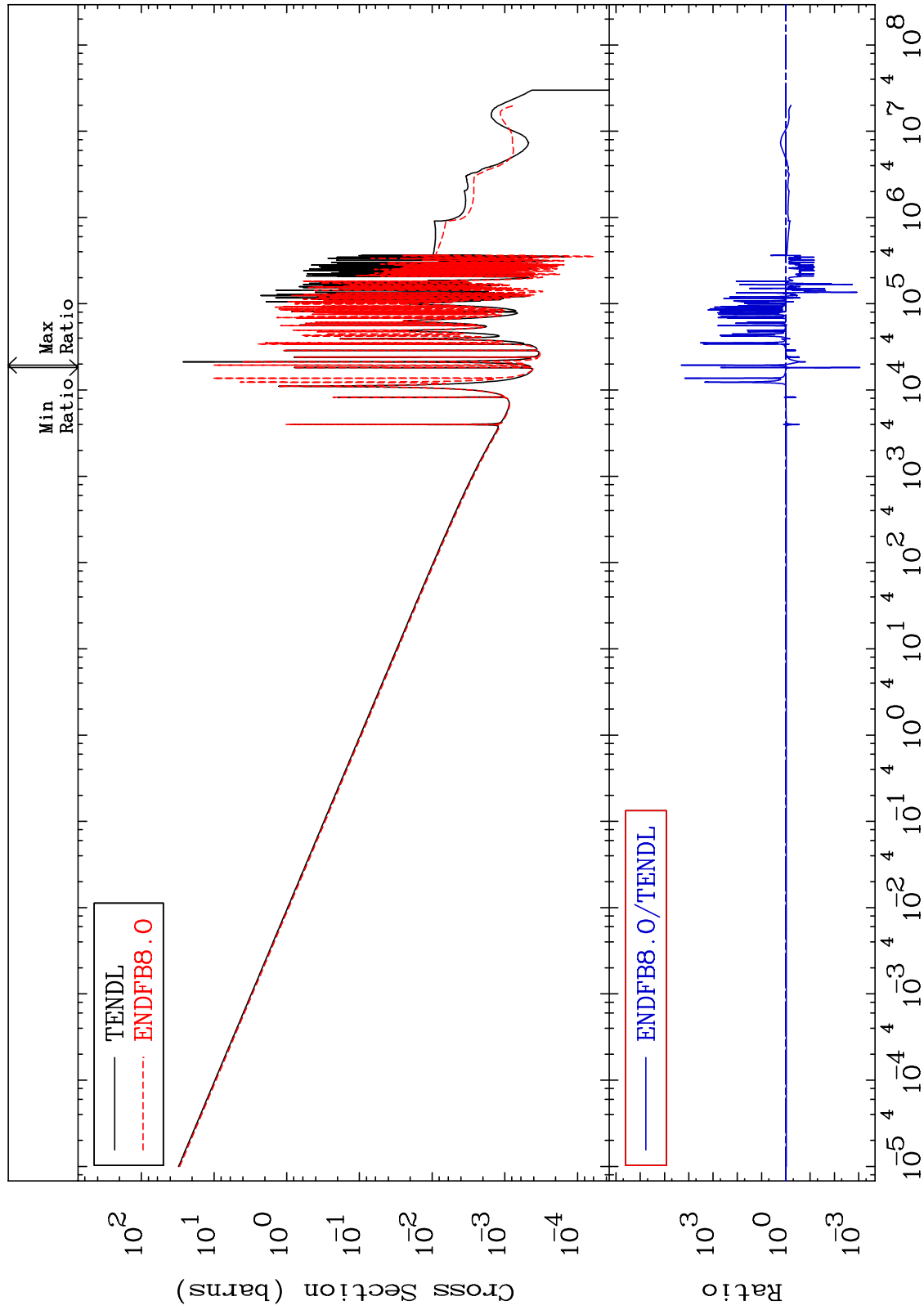
MAT 2225

(n, γ)

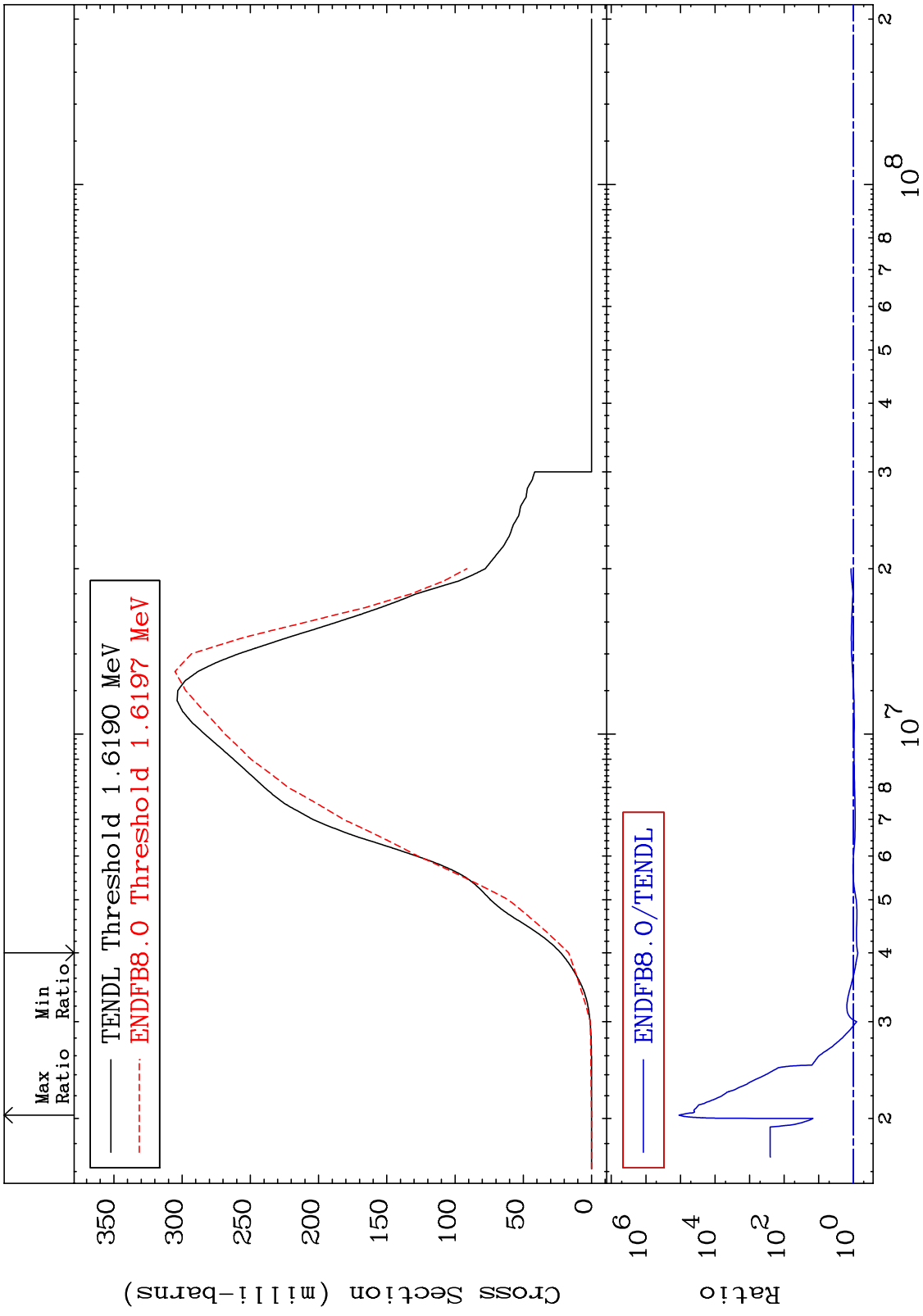
22-Ti-46

Cross Section

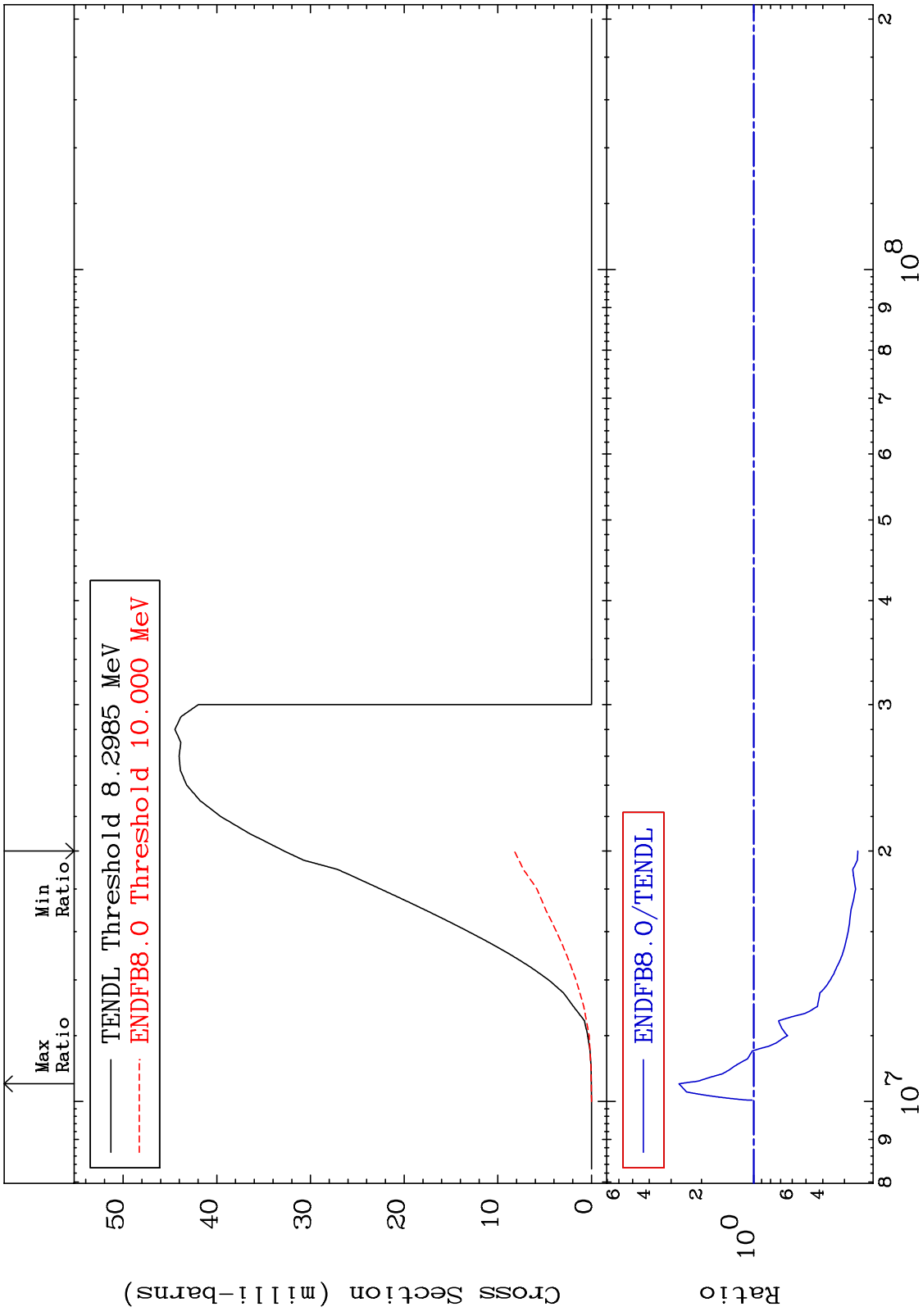
-99.91 To 9999. %

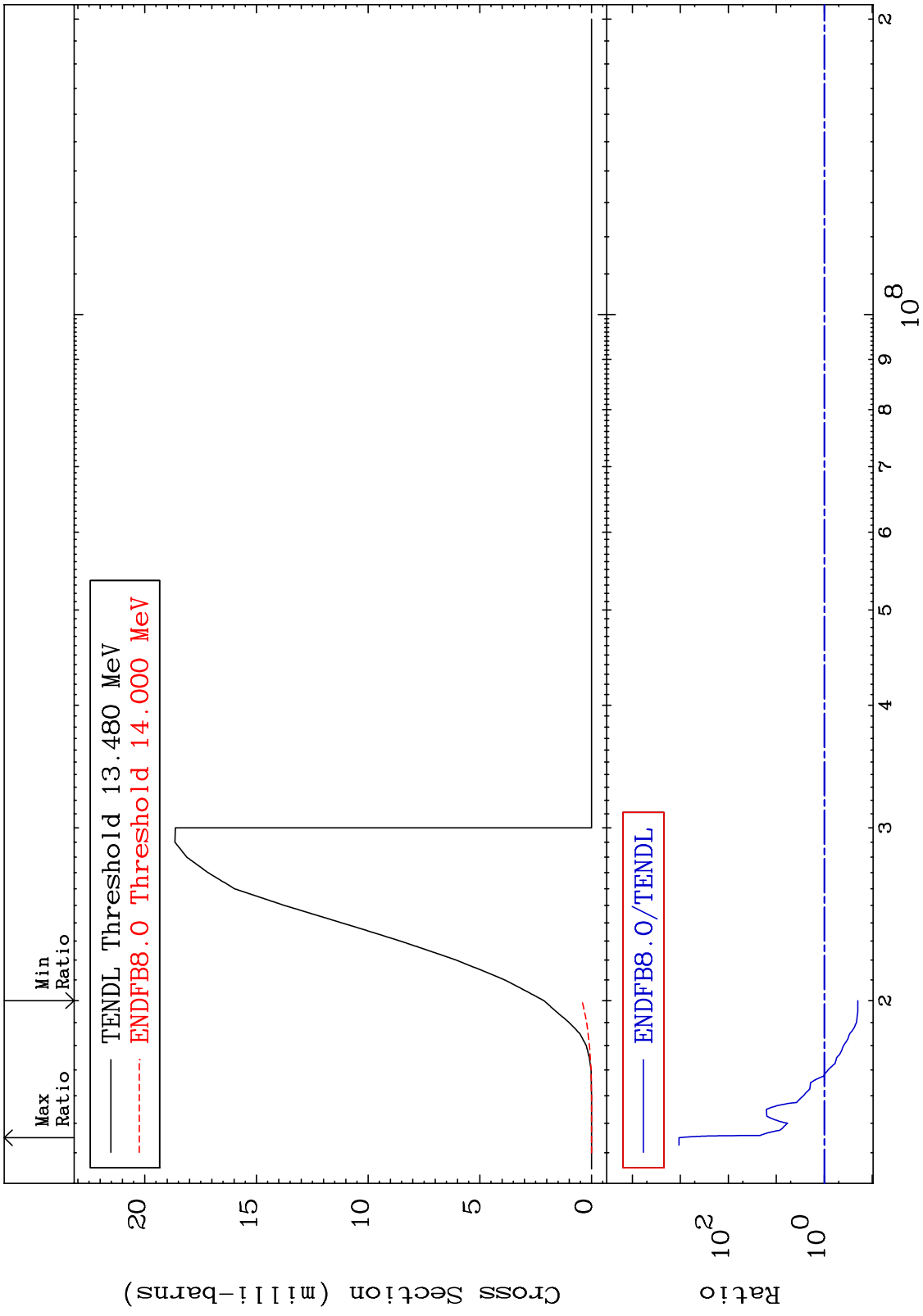


MAT 2225 (n,p) Cross Section 22-Ti-46
 -25.85 To 9999. %

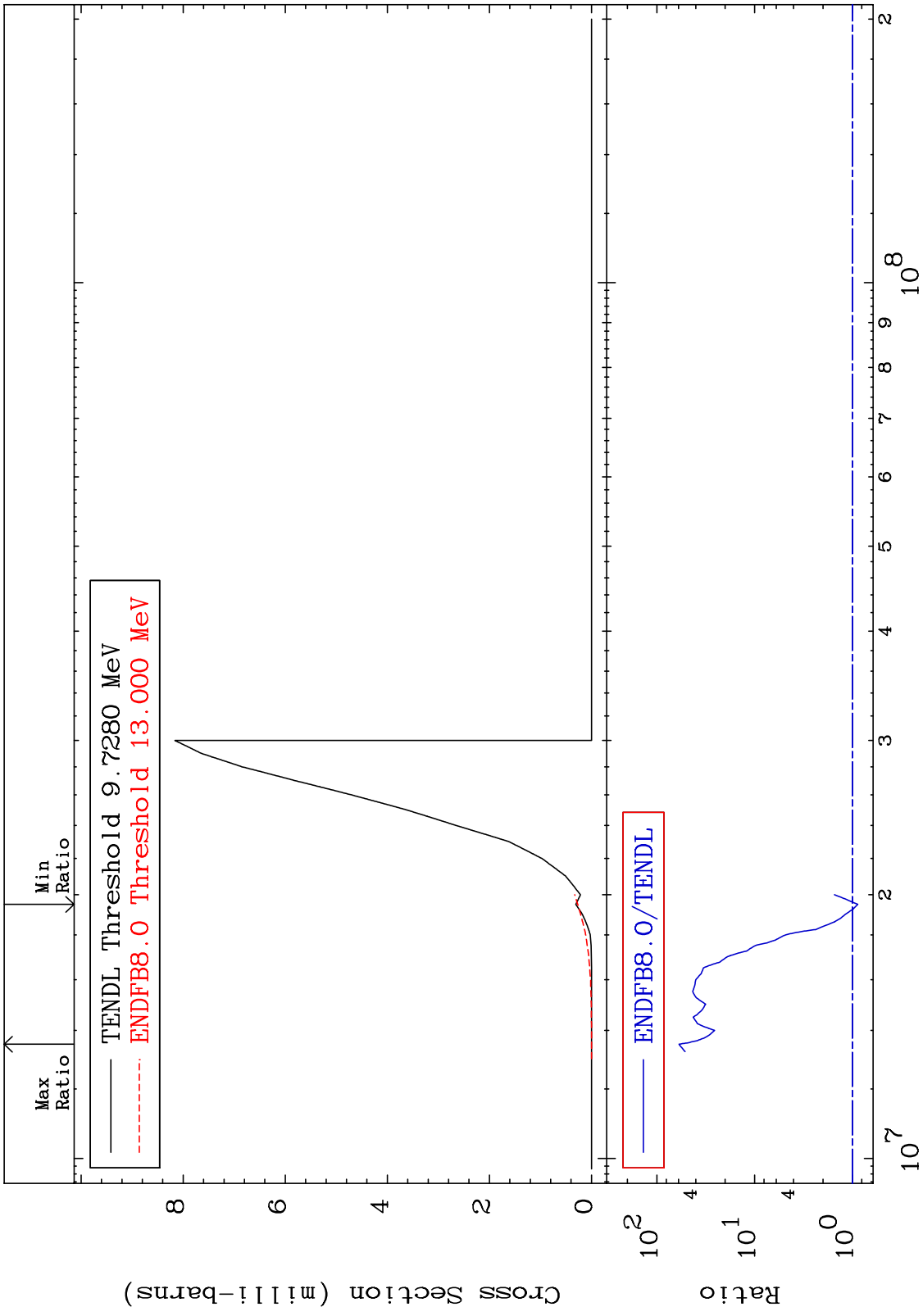


MAT 2225 (n,d) Cross Section 22-Ti-46
 -74.91 To 169.6 %



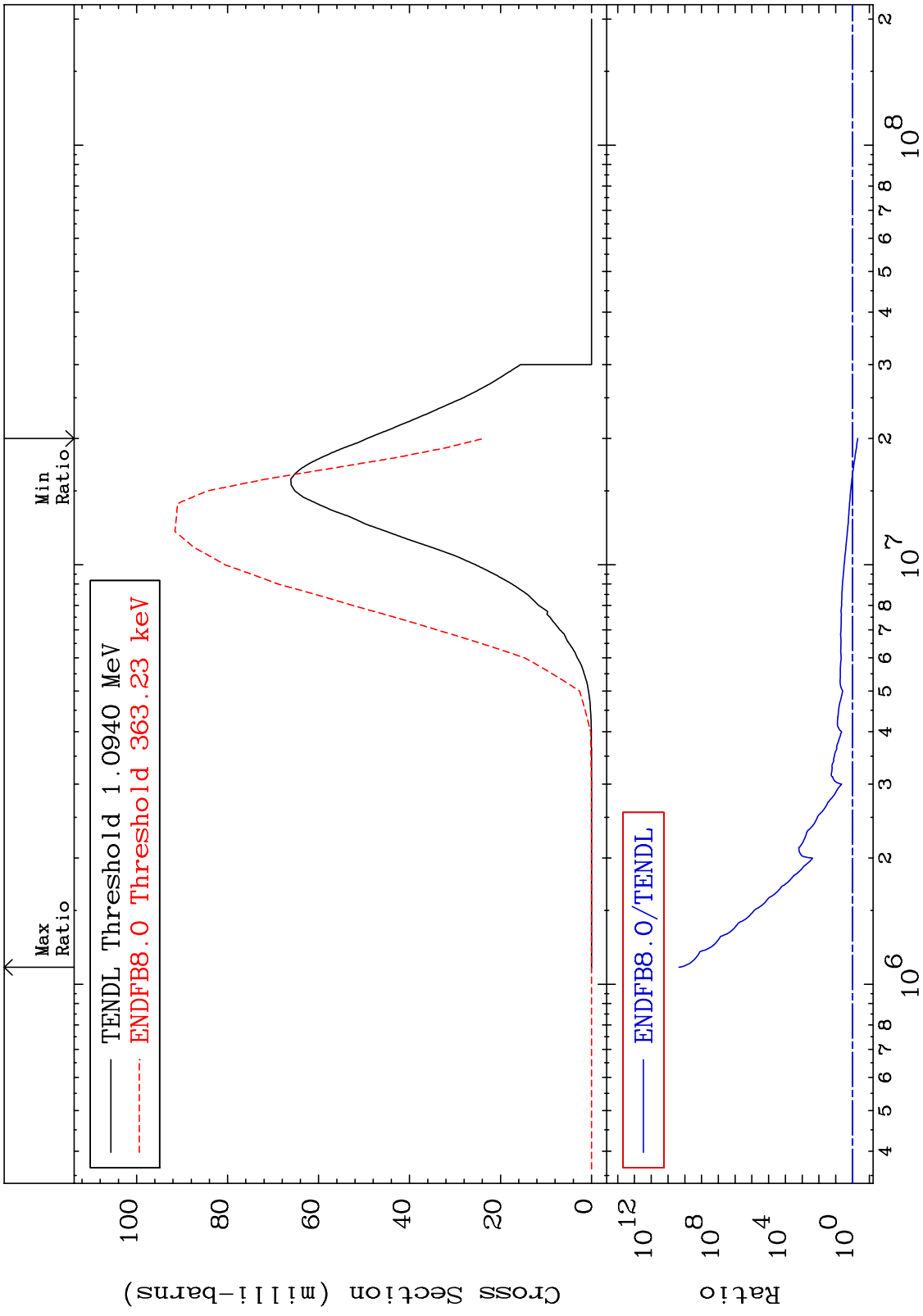


MAT 2225 (n,He-3) 22-Ti-46
Cross Section -12.11 To 5824. %

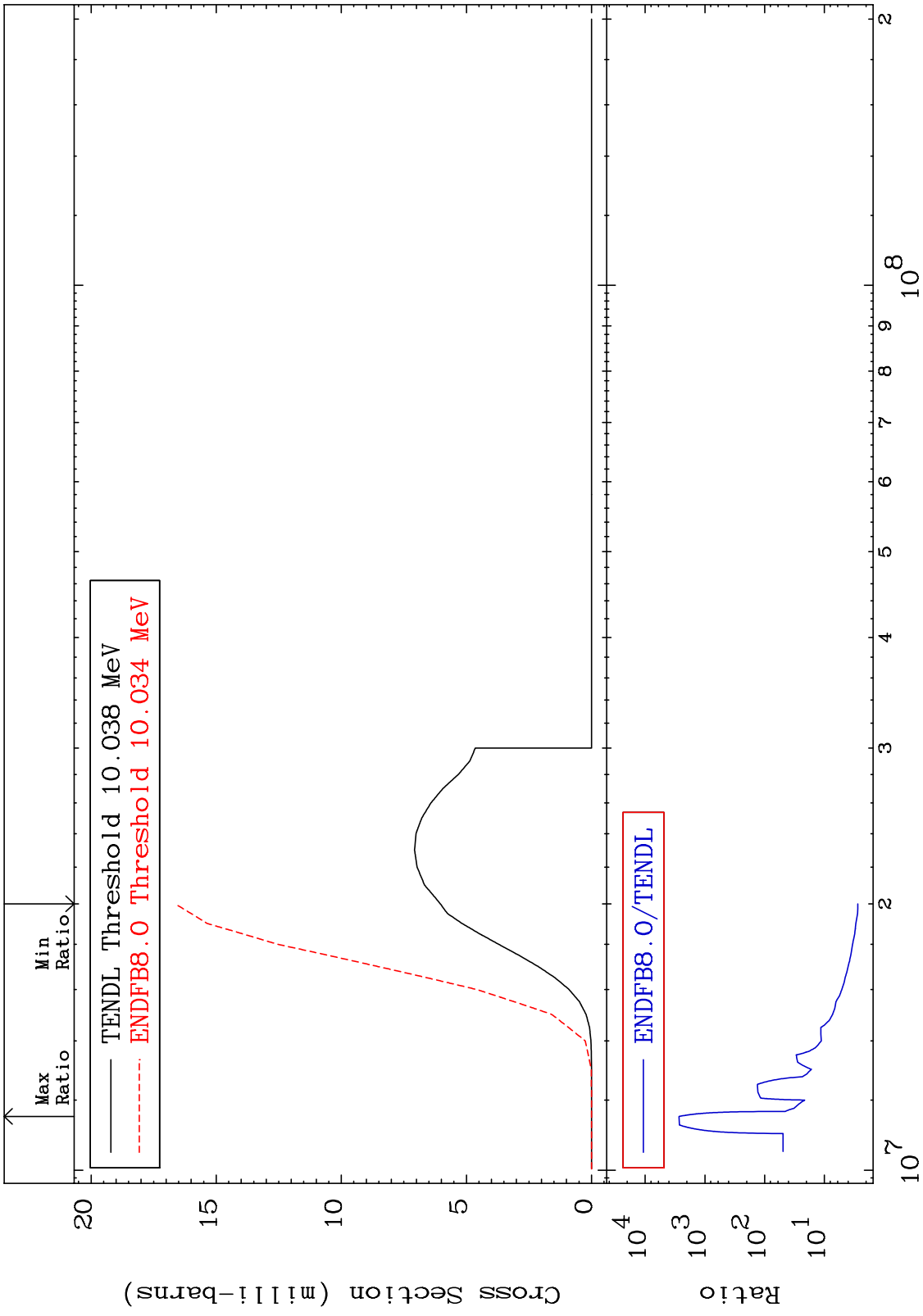


21 22-Ti-46

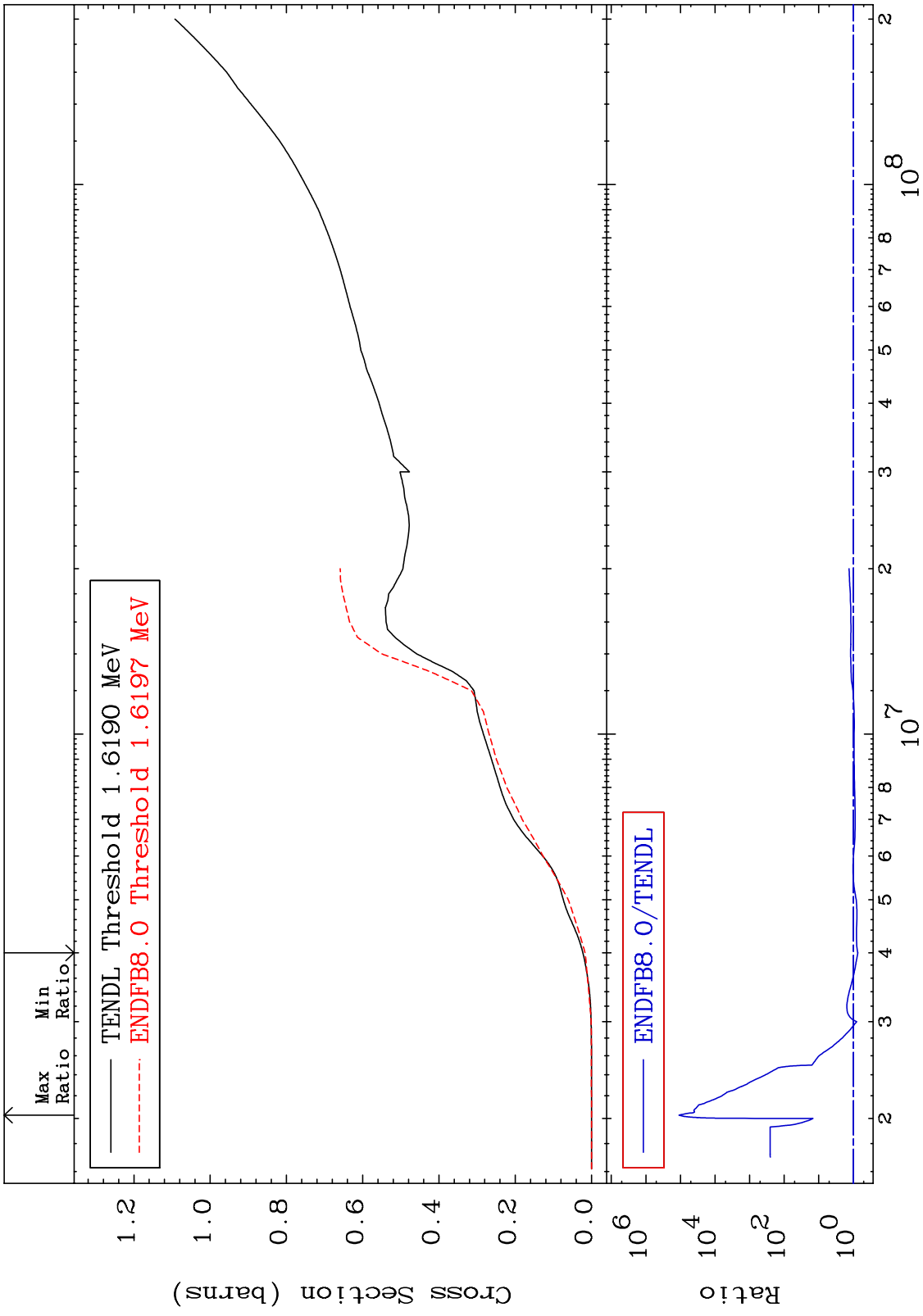
MAT 2225 (n, α) Cross Section 22-Ti-46
 -51.87 To 9999. %



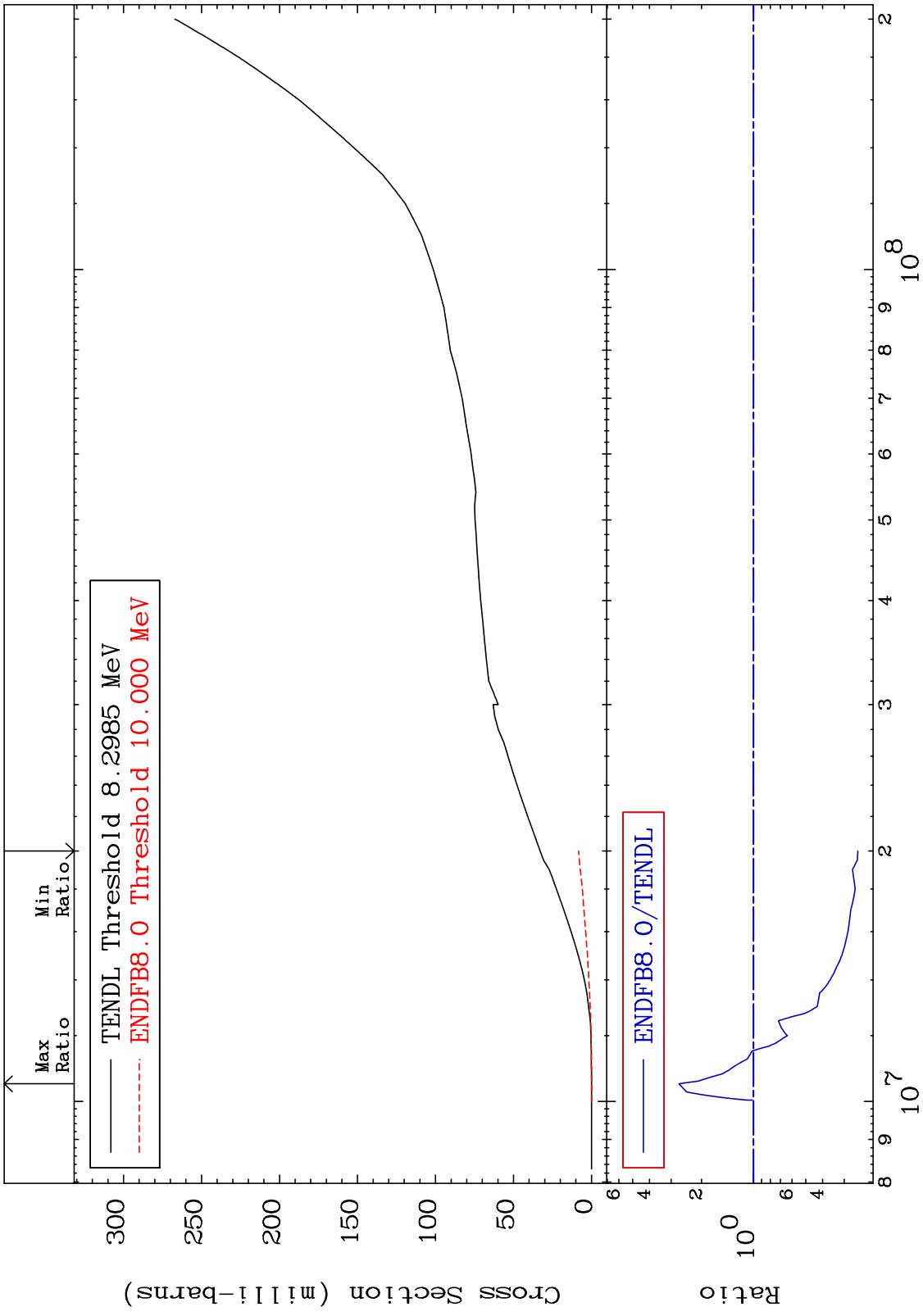
MAT 2225 (n,2p) Cross Section 22-Ti-46
 175.5 To 9999. %

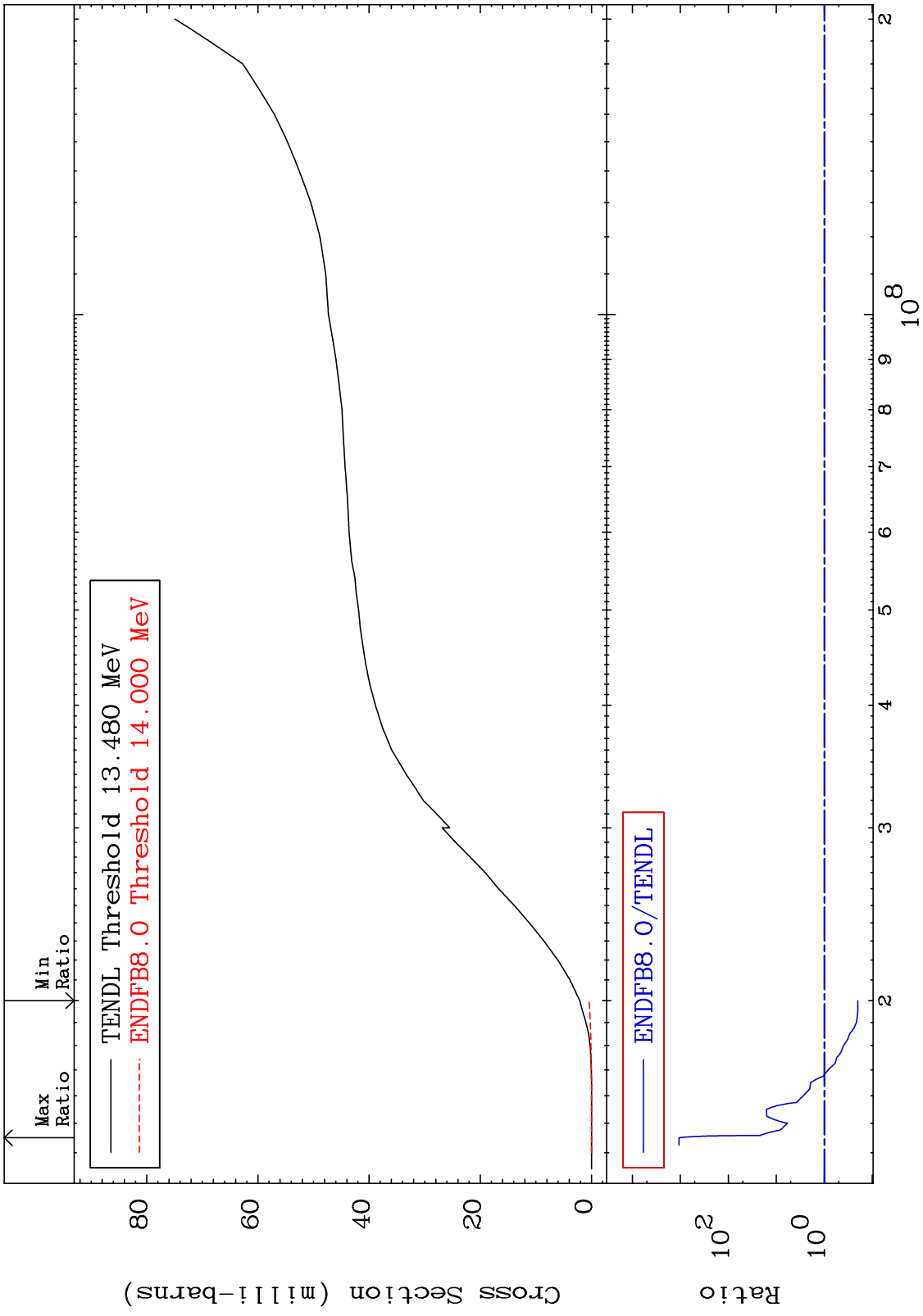


23 22-Ti-46



MAT 2225 Deuterium Production Cross Section 22-Ti-46
 -74.99 To 169.6 %

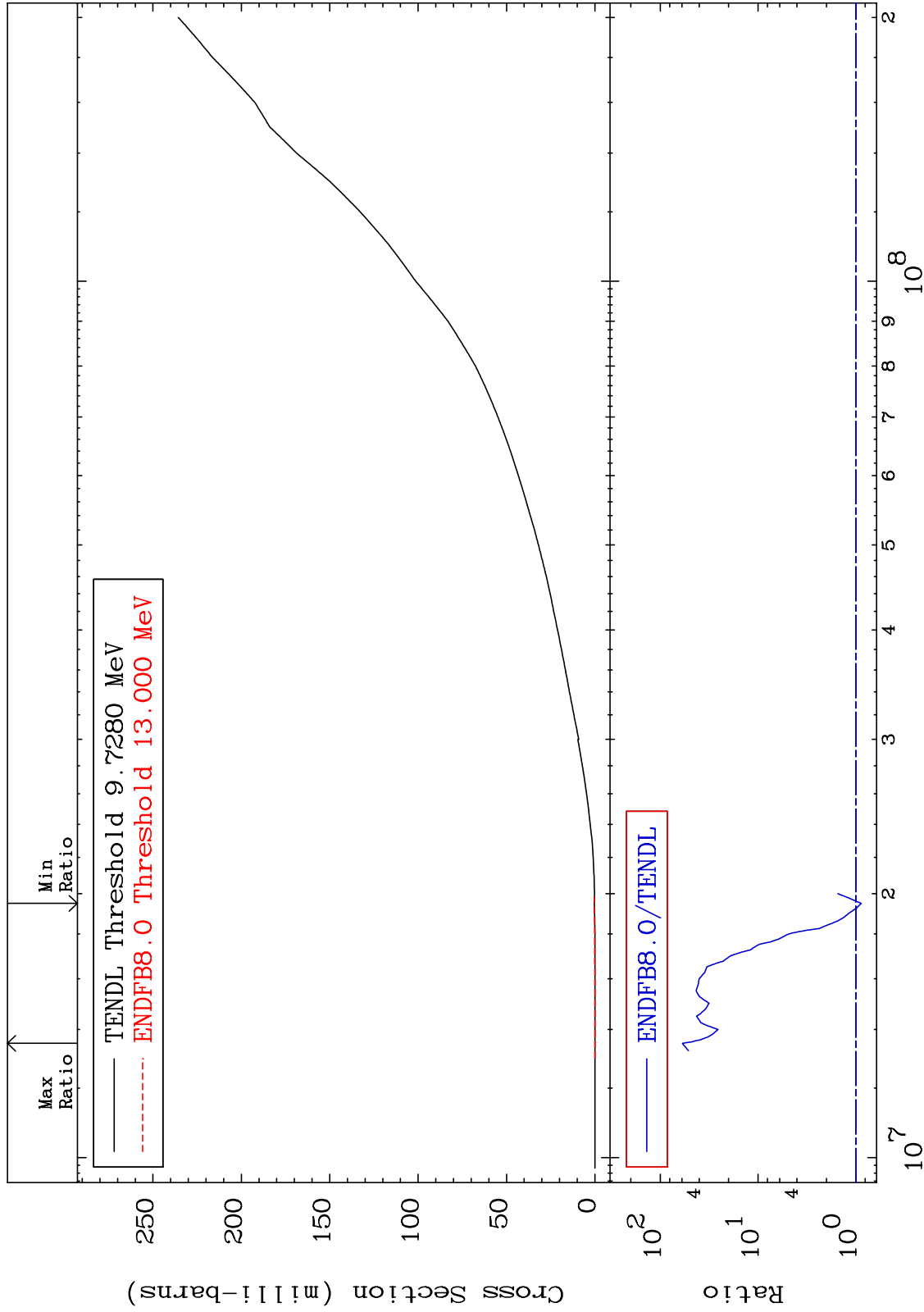




MAT 2225

He-3 Production
Cross Section

22-Ti-46
-12.11 To 5824. %

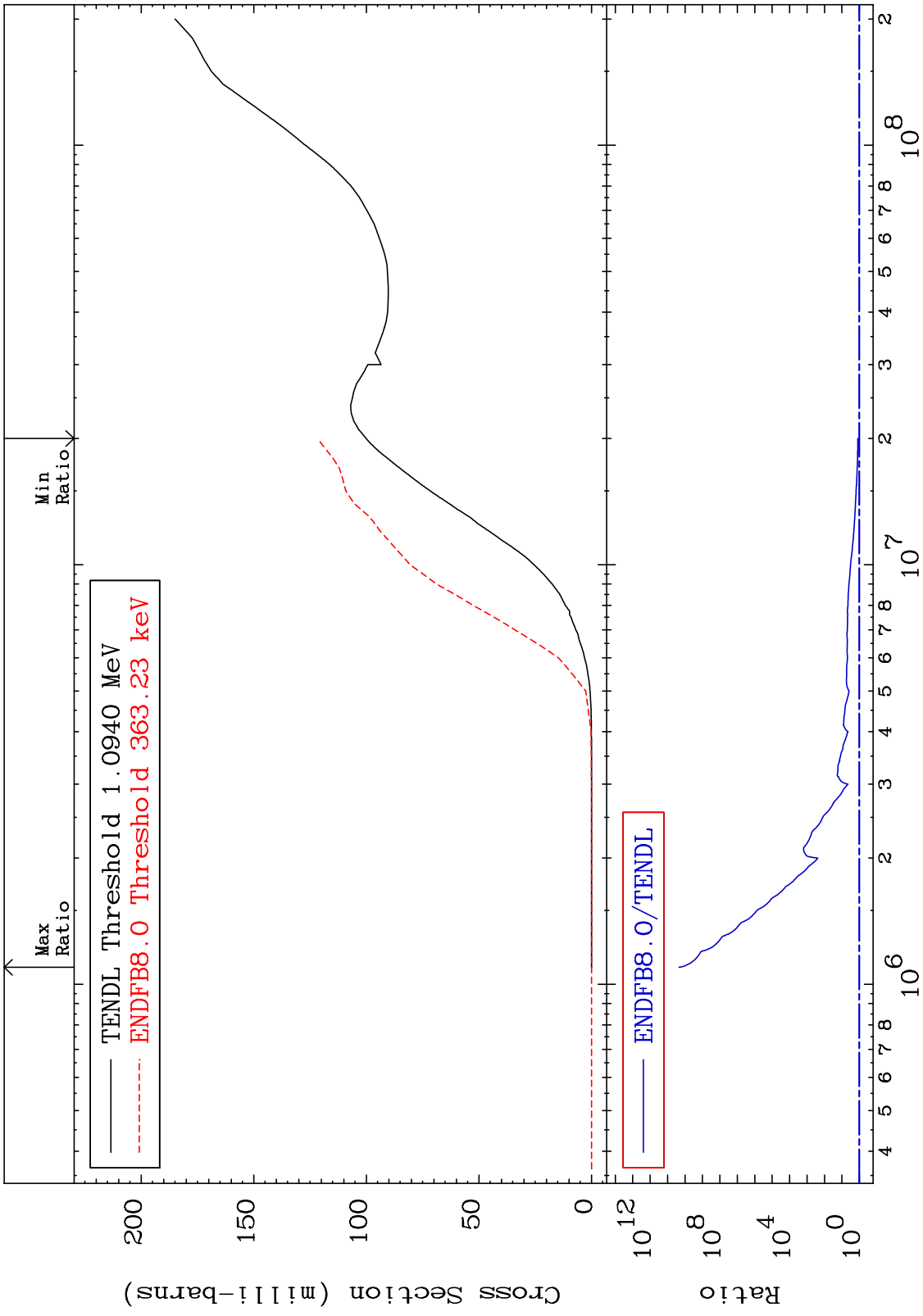


27

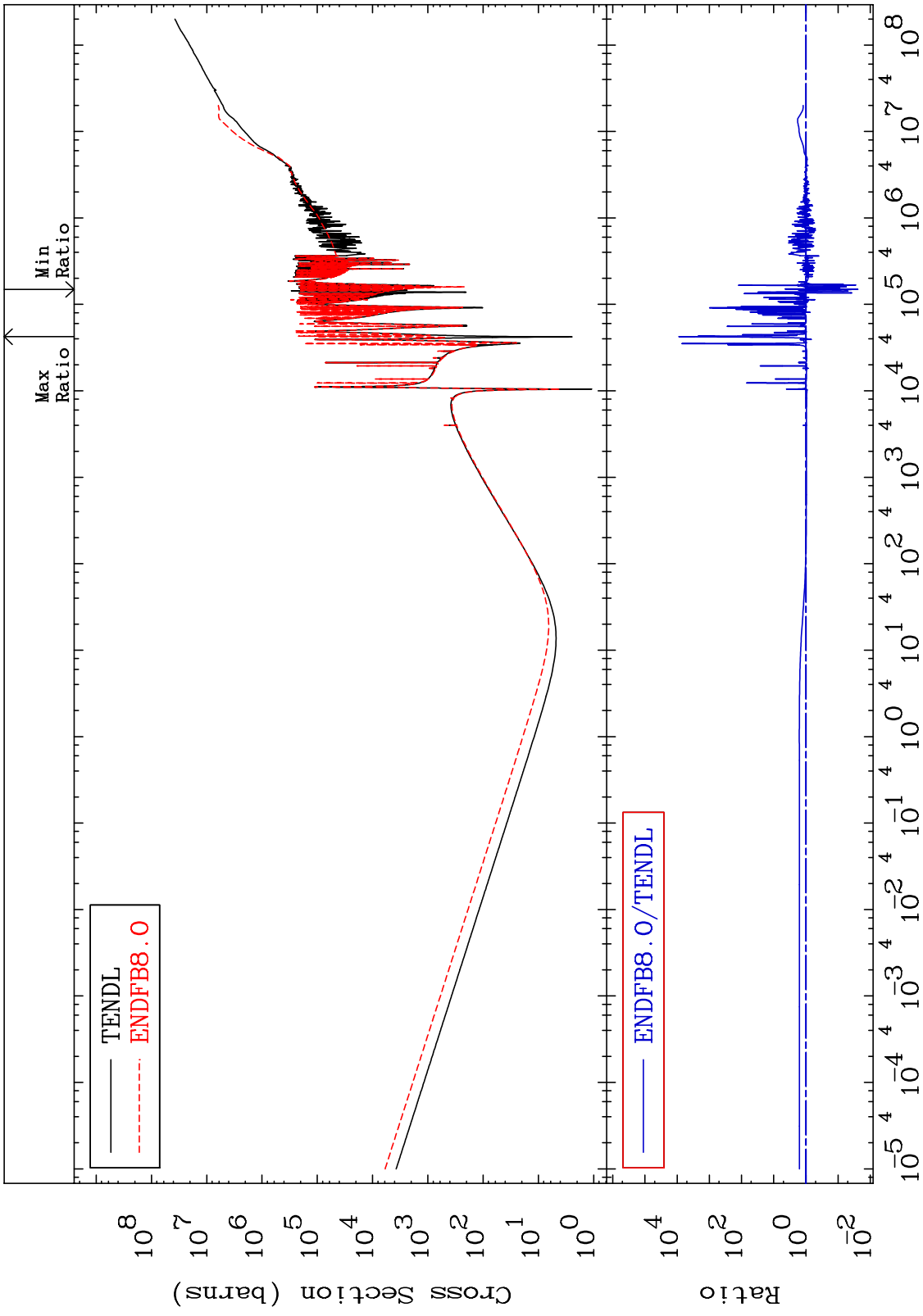
Incident Energy (eV)

22-Ti-46

MAT 2225 He-4 Production Cross Section 21.56 To 9999. % 22-Ti-46



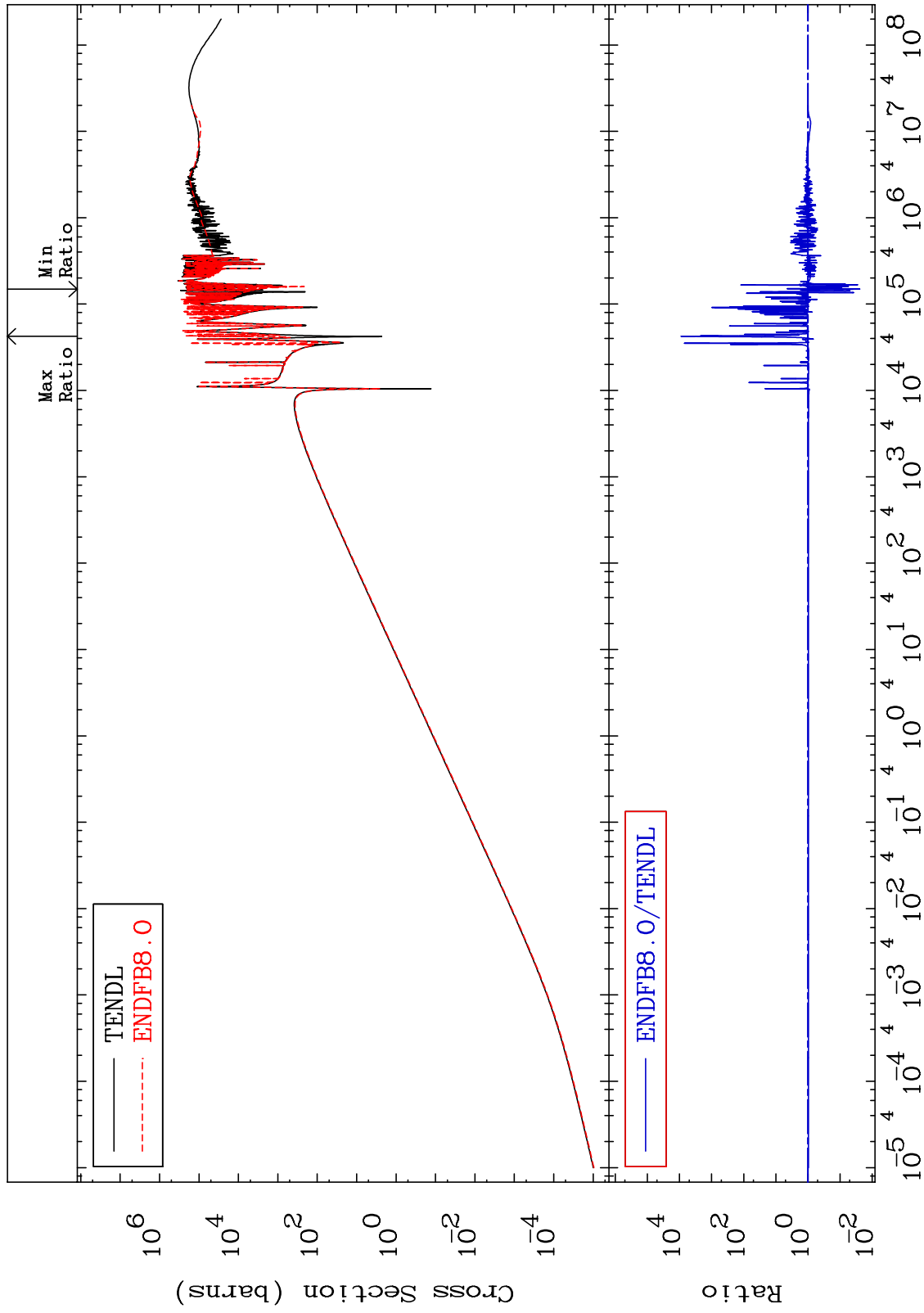
MAT 2225 Kerma total (eV-barns) Cross Section 22-Ti-46
 -97.56 To 9999. %



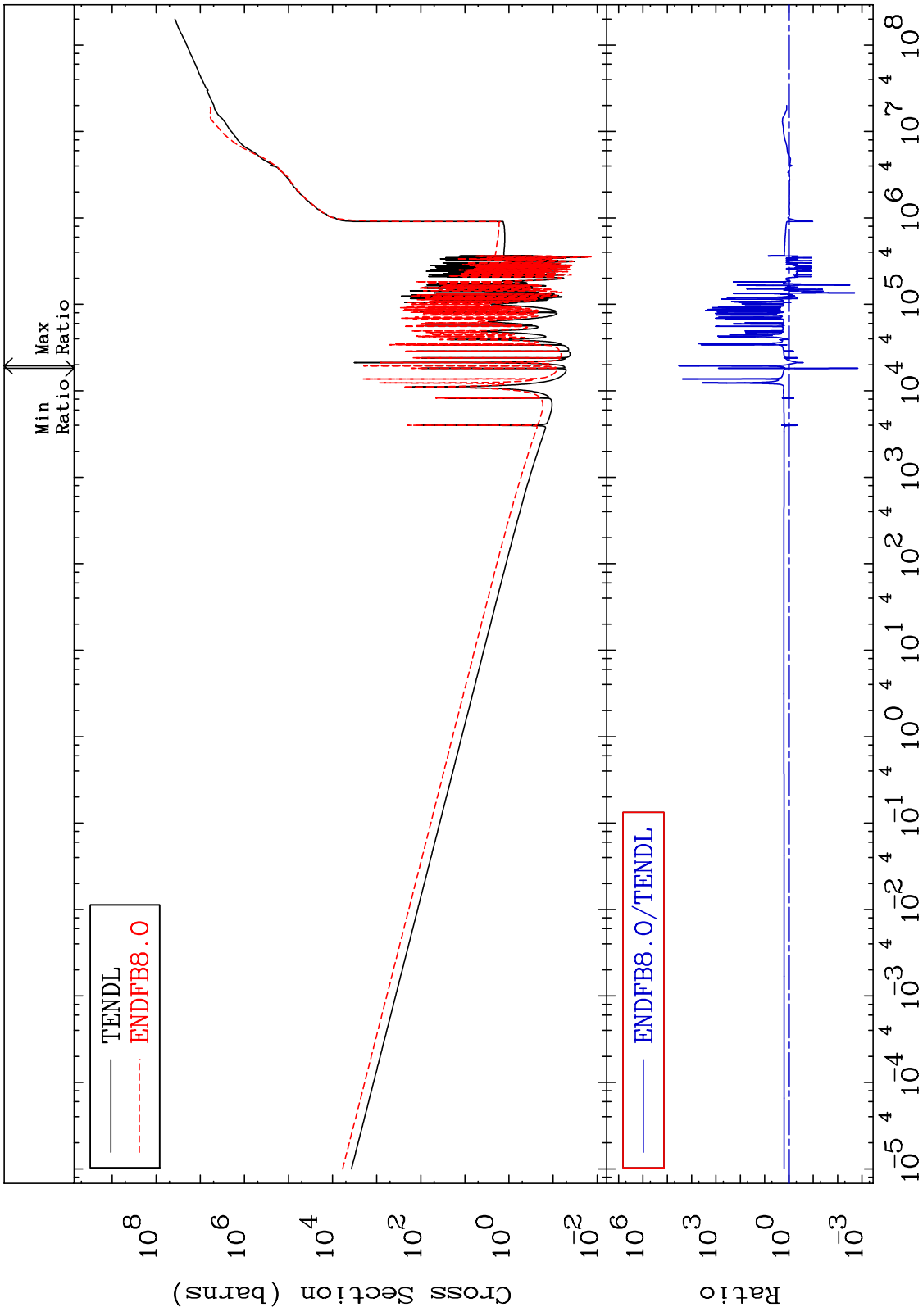
MAT 2225

Kerma elastic
Cross Section

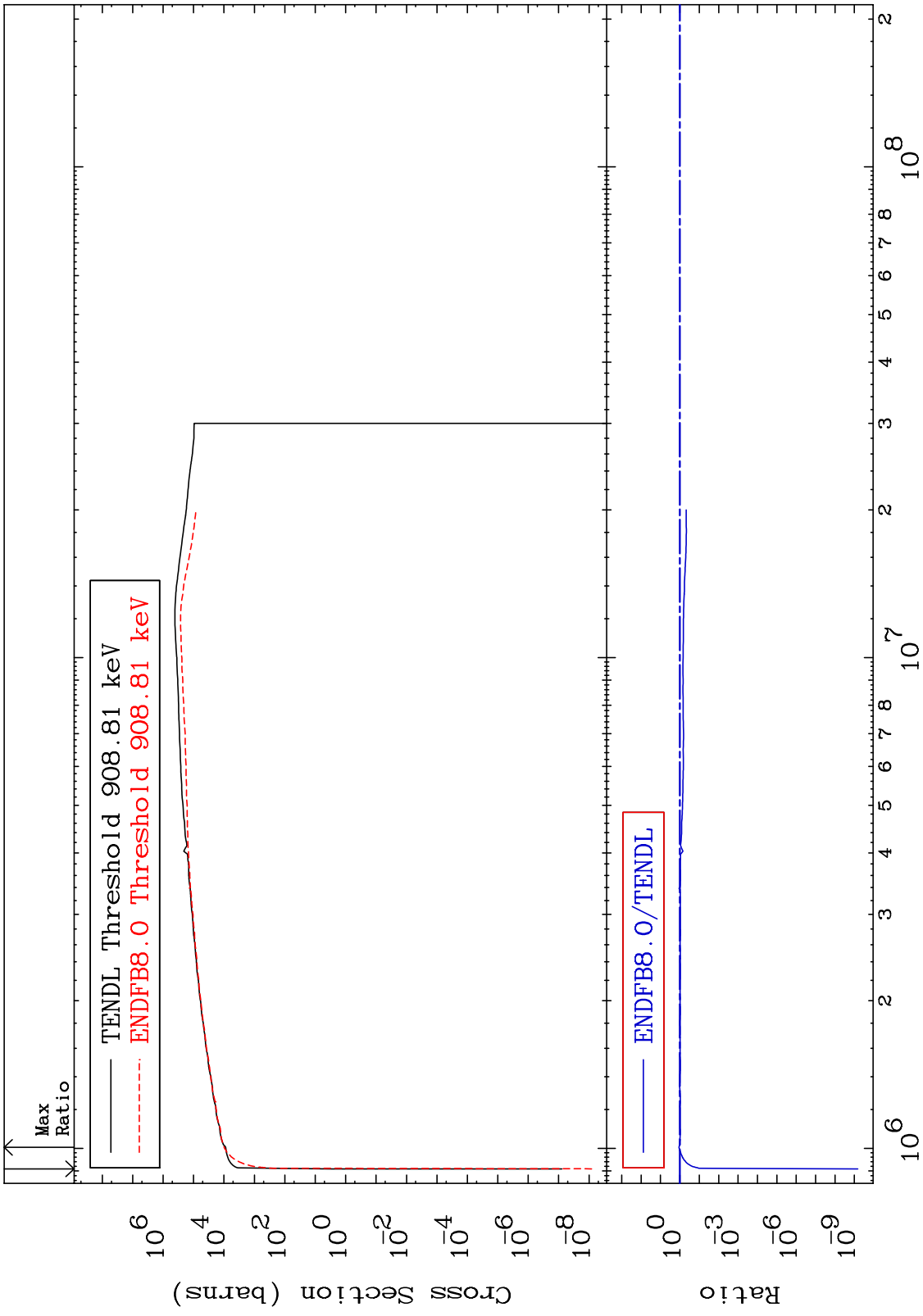
22-Ti-46
-97.56 To 9999. %



MAT 2225 Kerma non-elastic (all but mt2) 22-Ti-46
 Cross Section -99.85 To 9999. %

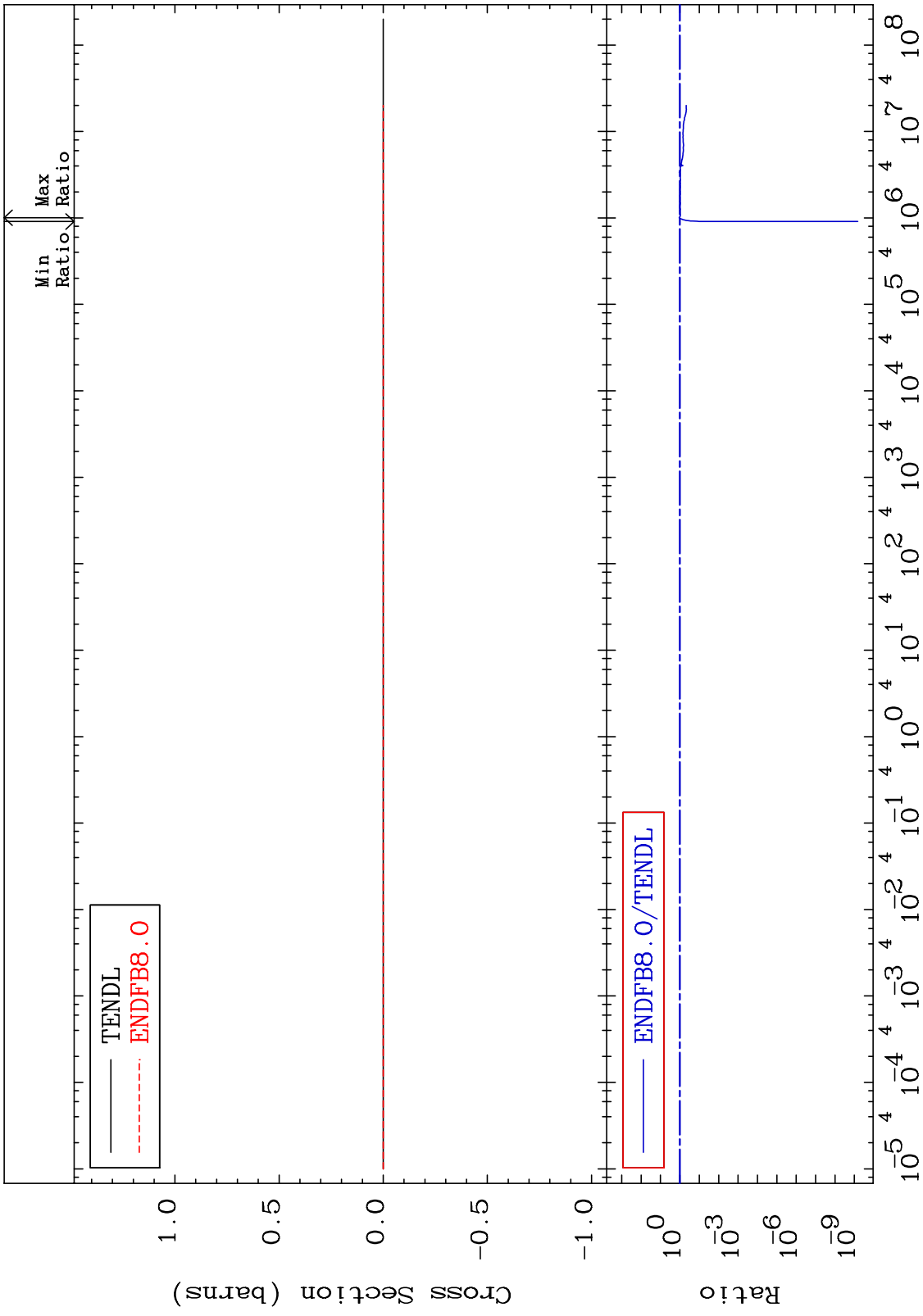


MAT 2225 Kerma inelastic (mt51-91) 22-Ti-46
 Cross Section -100.0 To 10.37 %

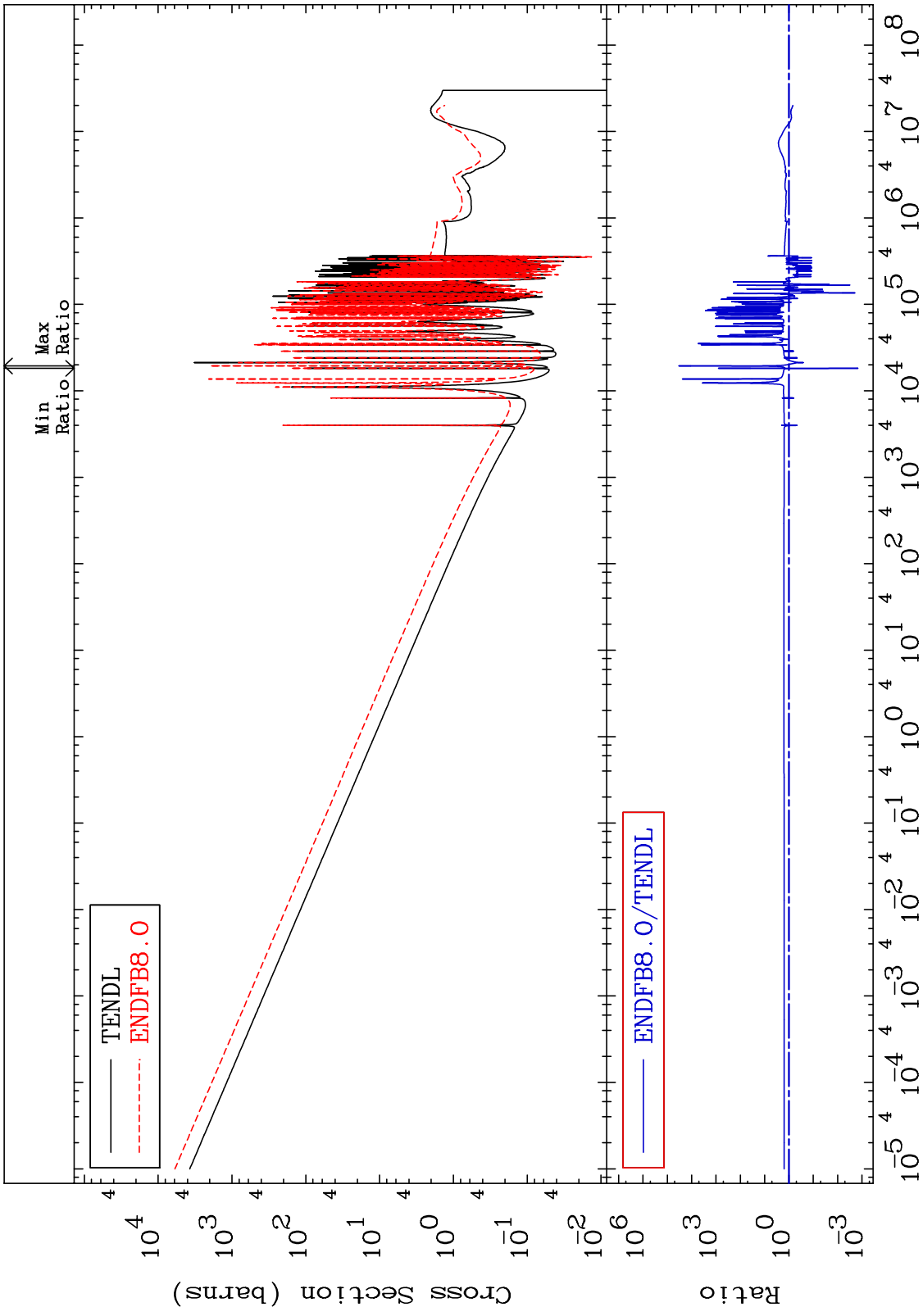


32 Incident Energy (eV) 22-Ti-46

MAT 2225 Kerma fission (mt18 or mt19-20-21-38) 22-Ti-46
 Cross Section -100.0 To 10.37 %



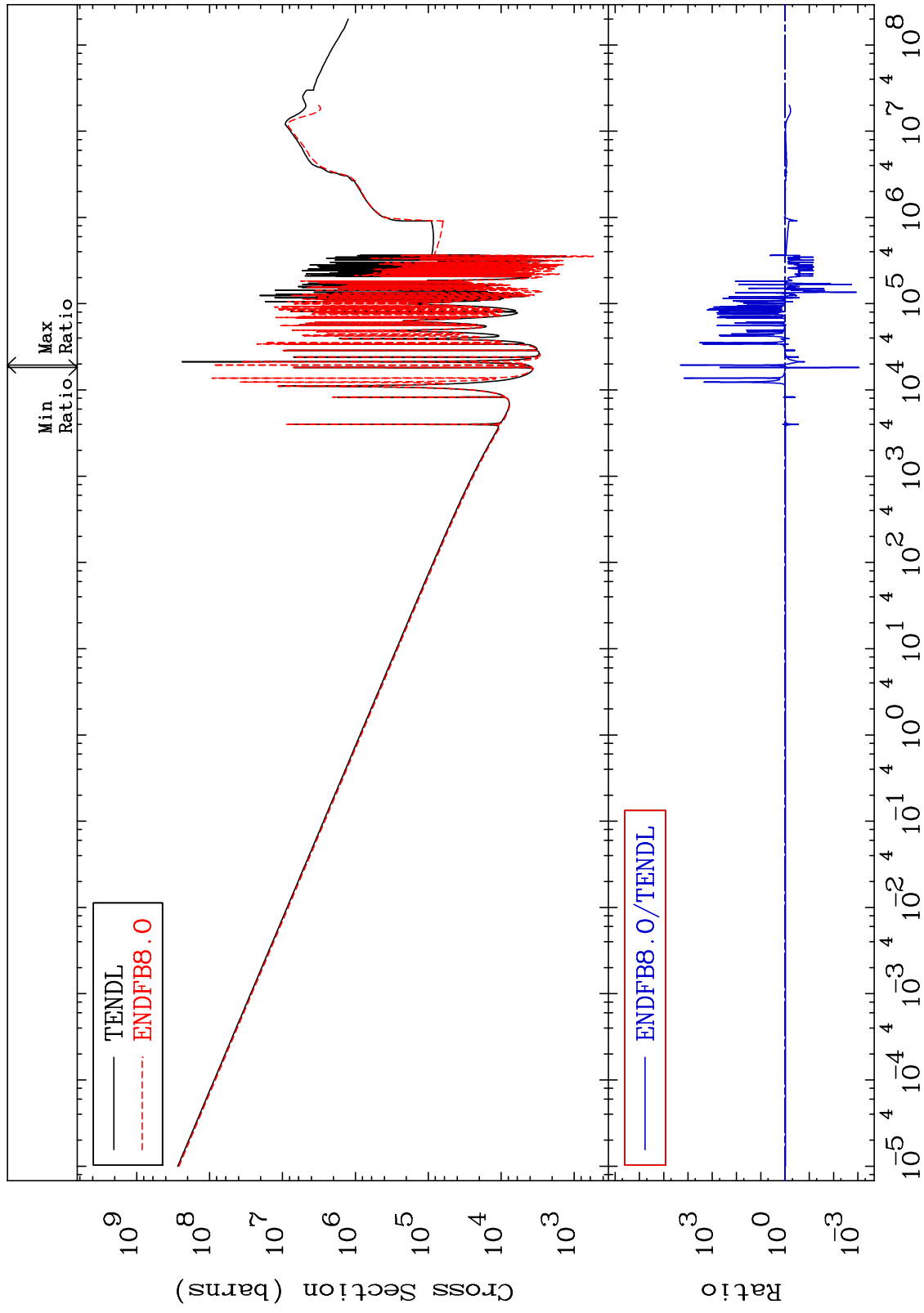
MAT 2225 Kerma capture (mt102) 22-Ti-46
 Cross Section -99.85 To 9999. %



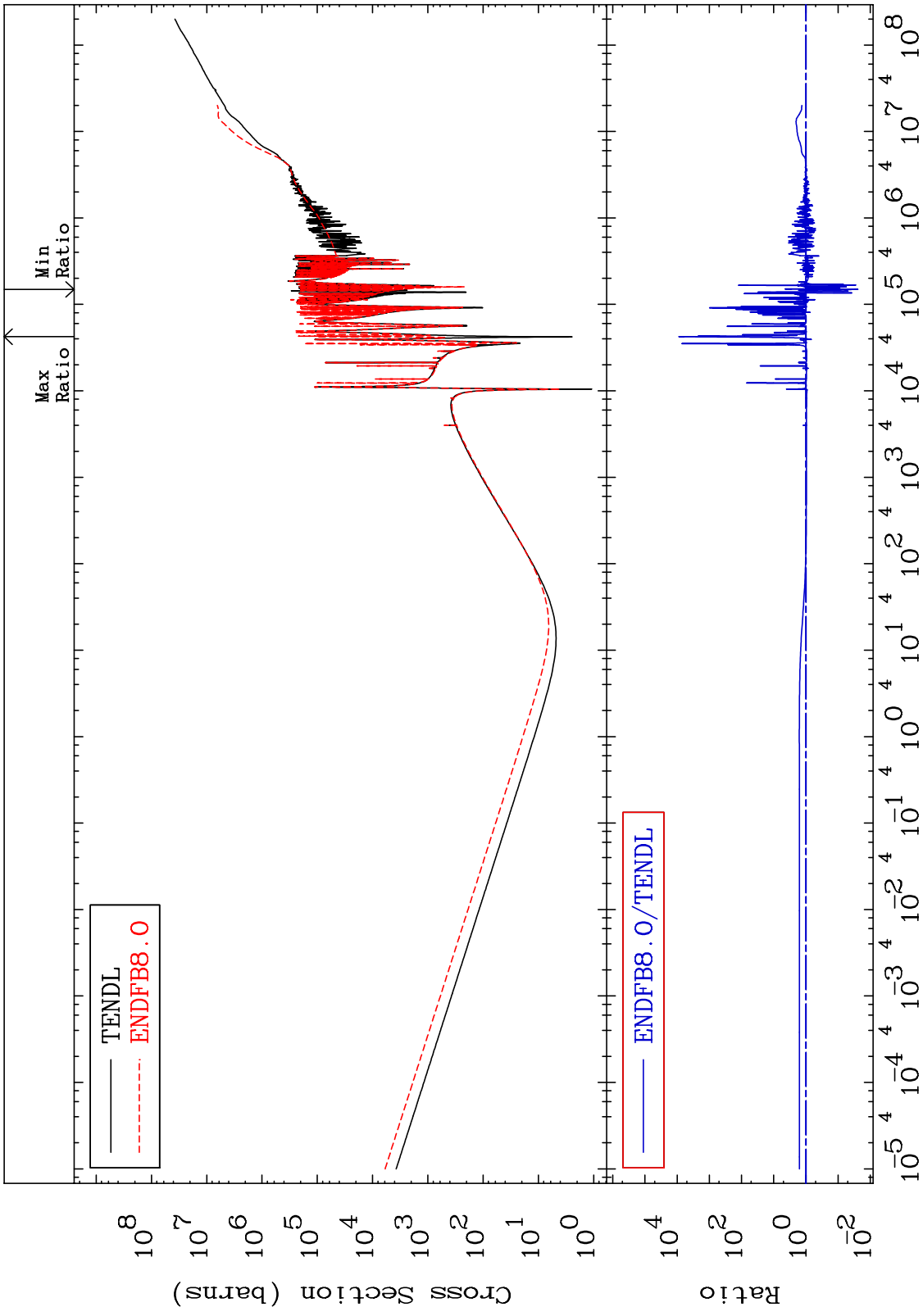
MAT 2225

Total photon (eV-barns)
Cross Section

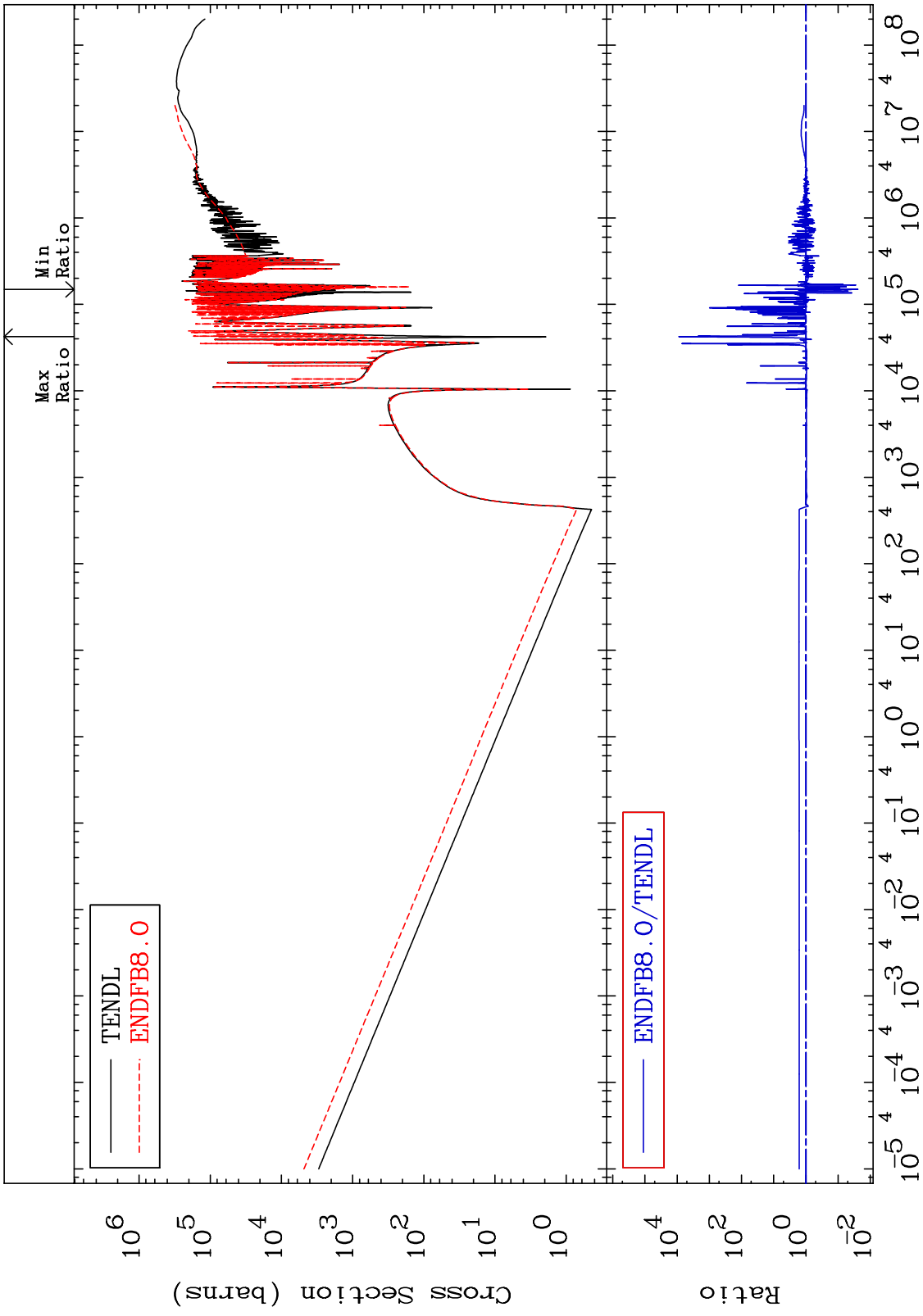
22-Ti-46
-99.91 To 9999. %



MAT 2225 Total kinematic kerma (high limit) 22-Ti-46
 Cross Section -97.56 To 9999. %



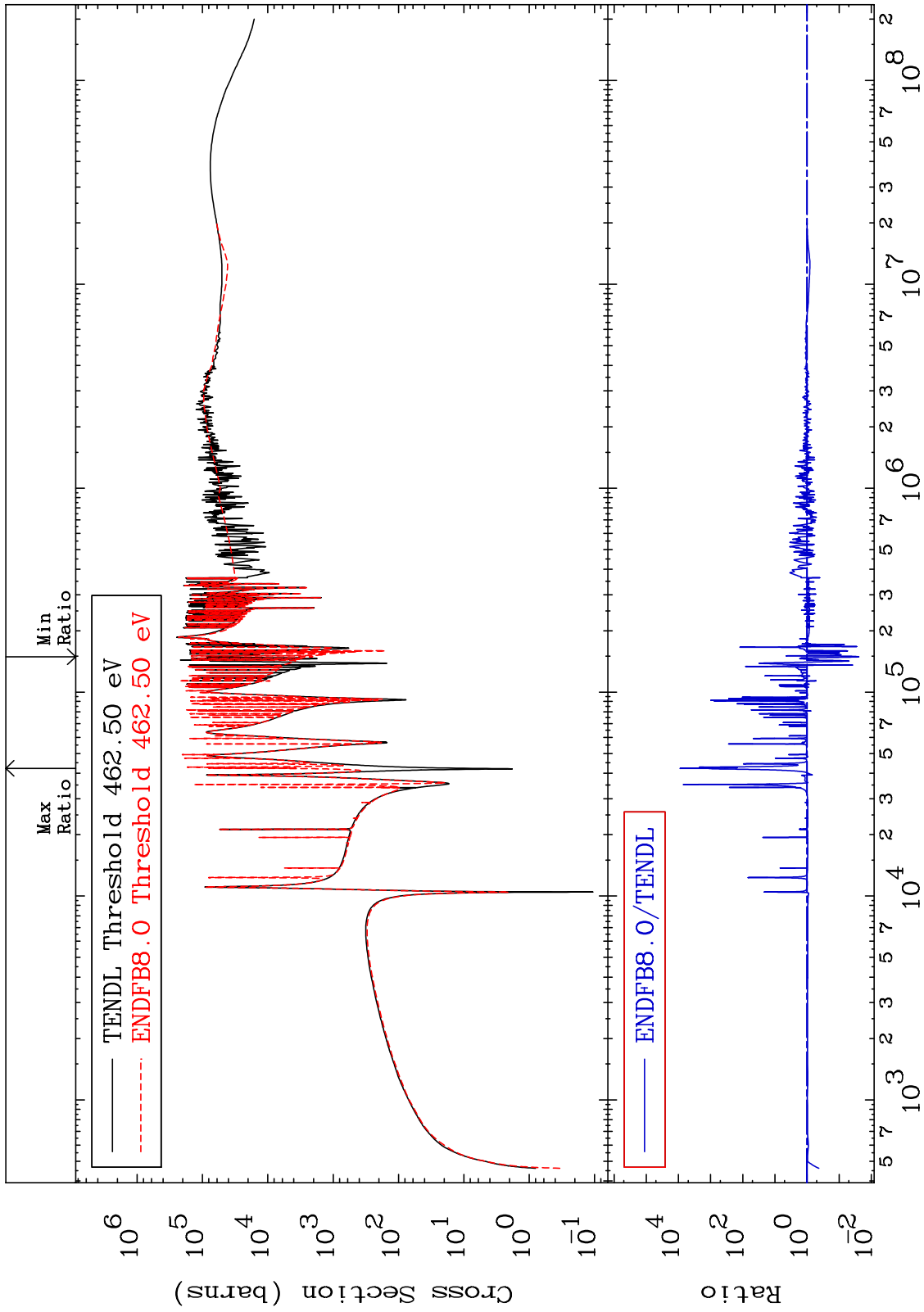
MAT 2225 Dpa total (eV-barns) 22-Ti-46
 Cross Section -97.56 To 9999. %



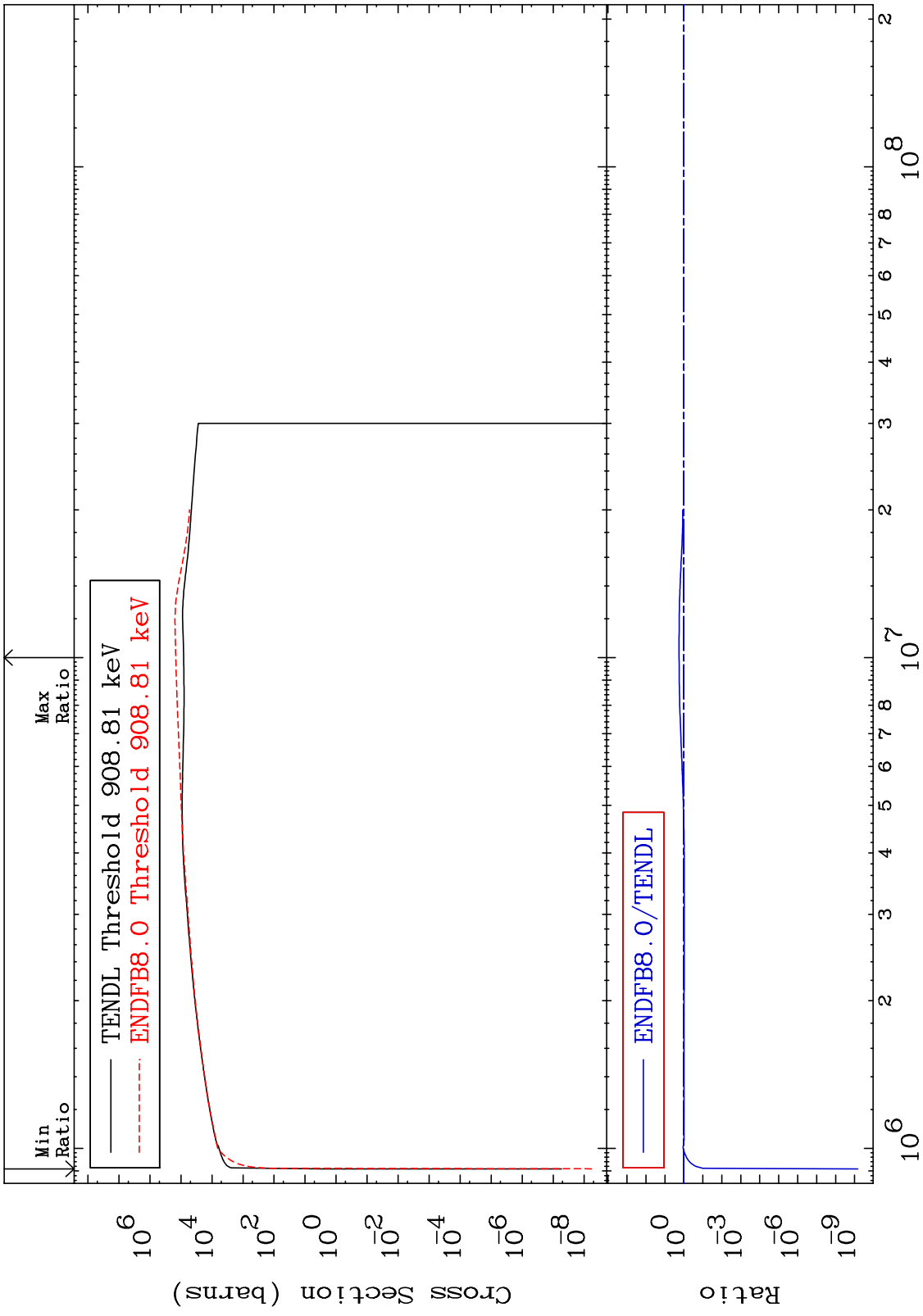
MAT 2225

Dpa elastic (mt2)
Cross Section

22-Ti-46
-97.56 To 9999. %



MAT 2225 Dpa inelastic (mt51-91) 22-Ti-46
Cross Section -100.0 To 79.56 %



MAT 2225 Dpa disappearance (mt102 -120) 22-Ti-46
 Cross Section -99.85 To 9999. %

