

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

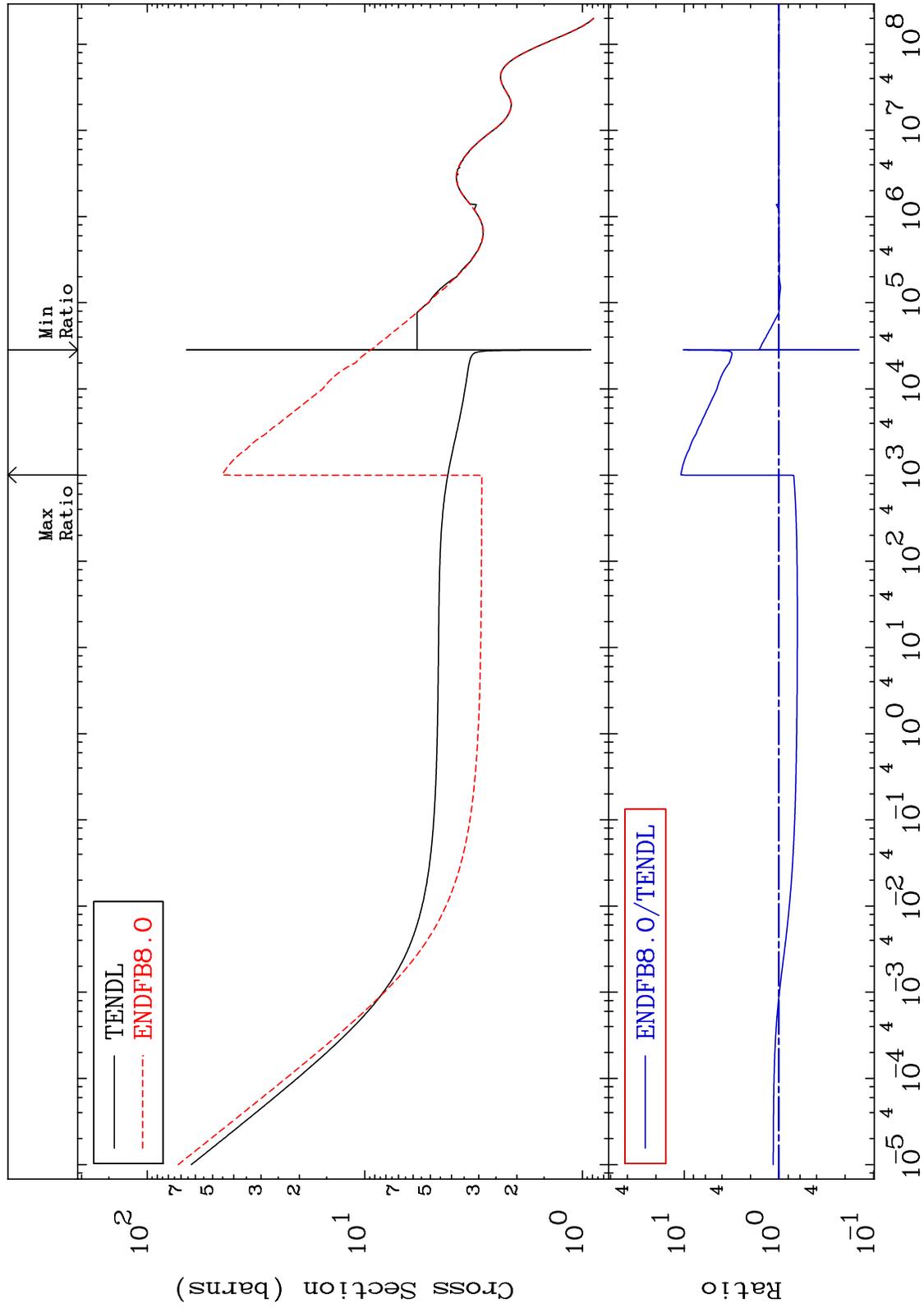
U.S.A.

Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 2043 Total Cross Section 20-Ca-46 -85.78 To 988.3 %

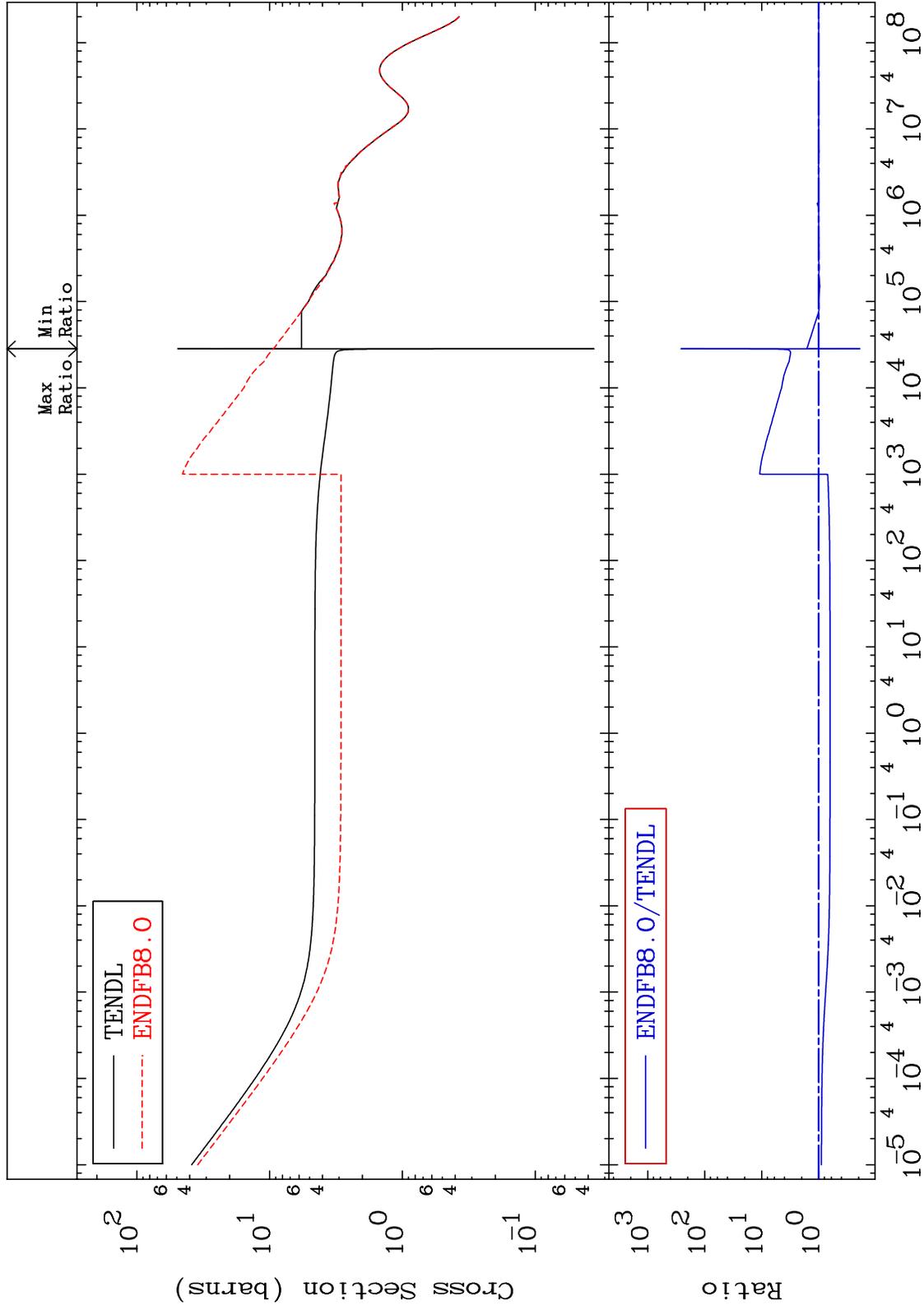


1 Incident Energy (eV) 20-Ca-46

MAT 2043

Elastic
Cross Section

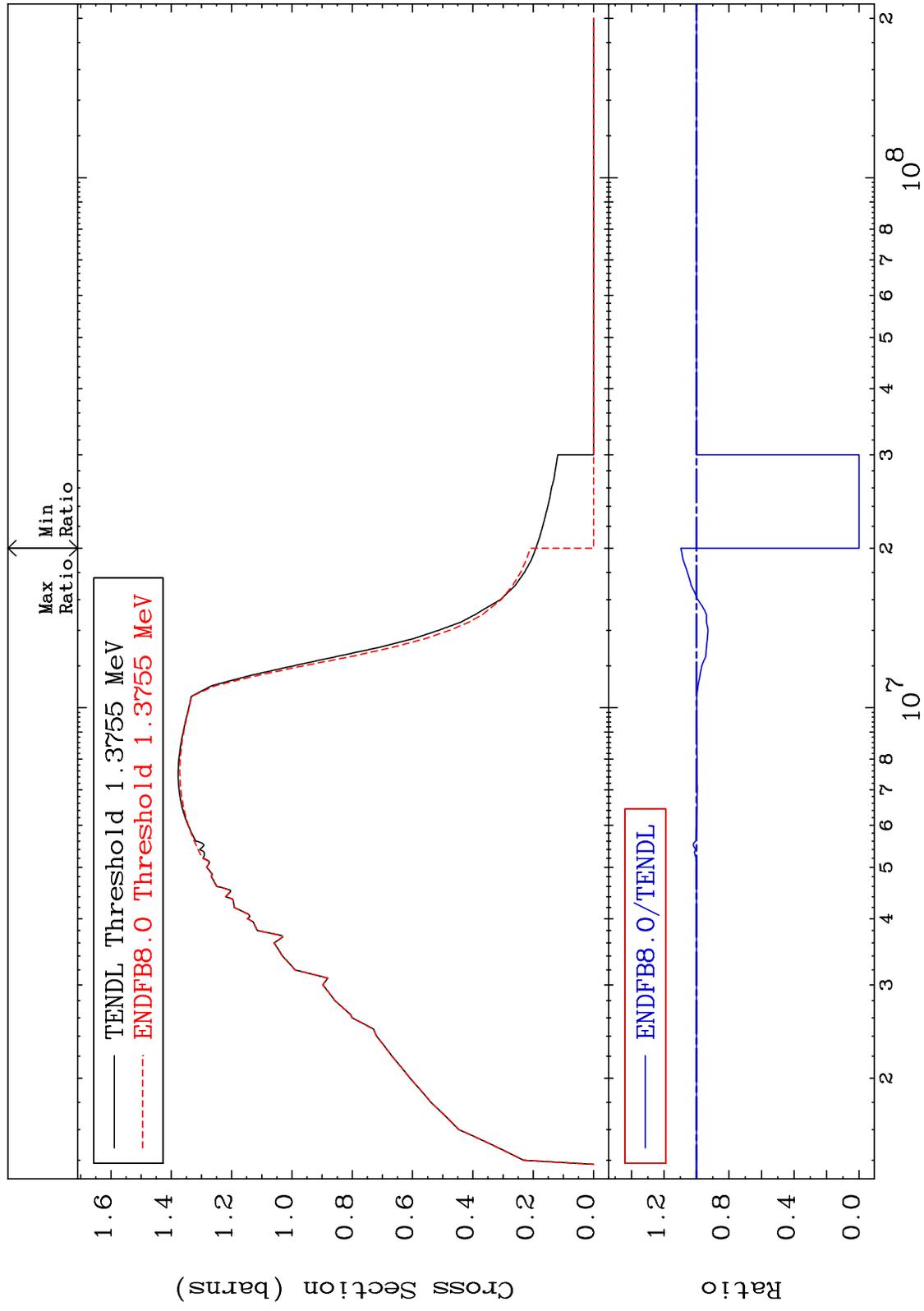
20-Ca-46
-80.93 To 9999. %



2

Incident Energy (eV)

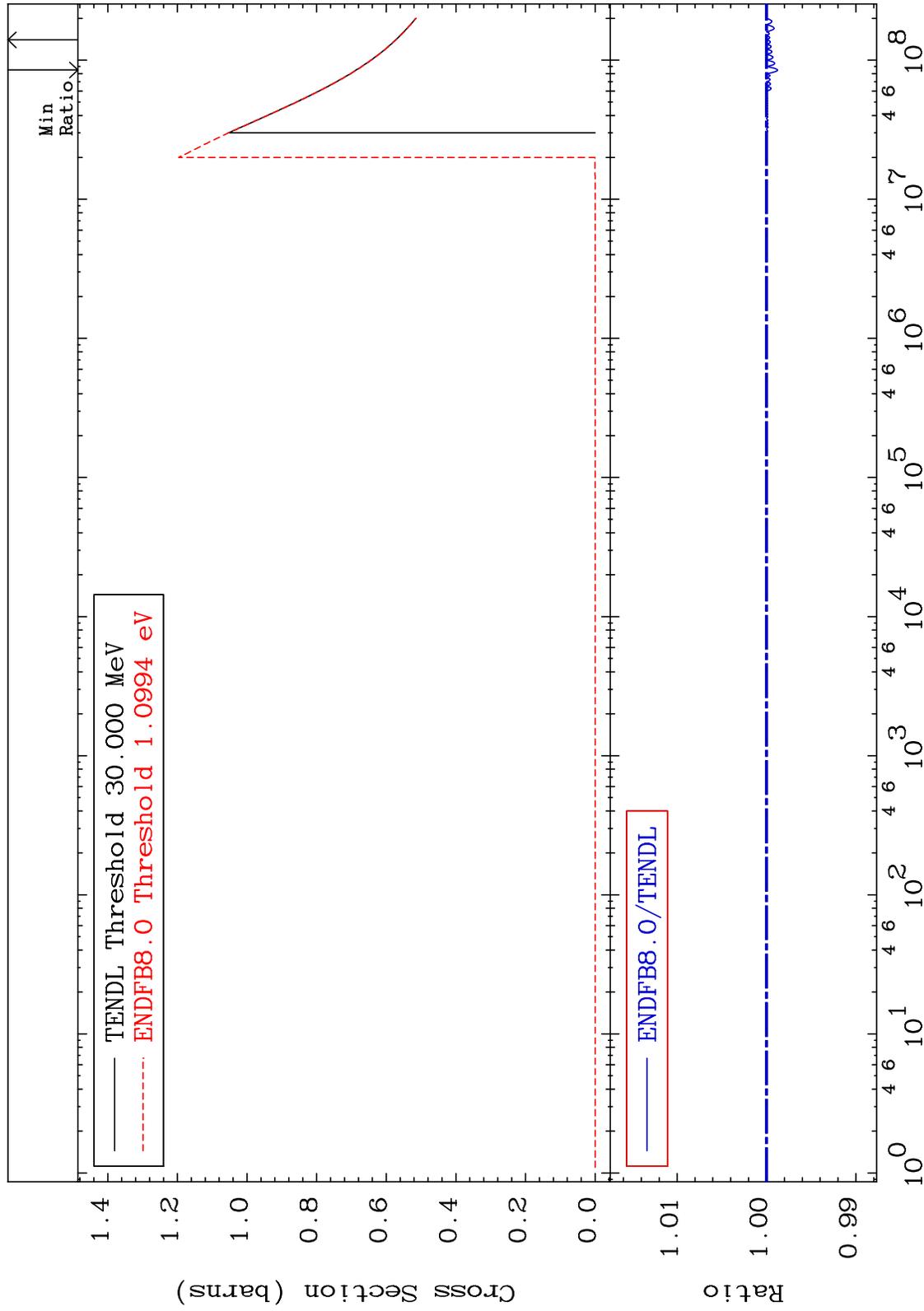
20-Ca-46



MAT 2043

(n, remainder)
Cross Section

20-Ca-46
-0.124 To 0.000 %

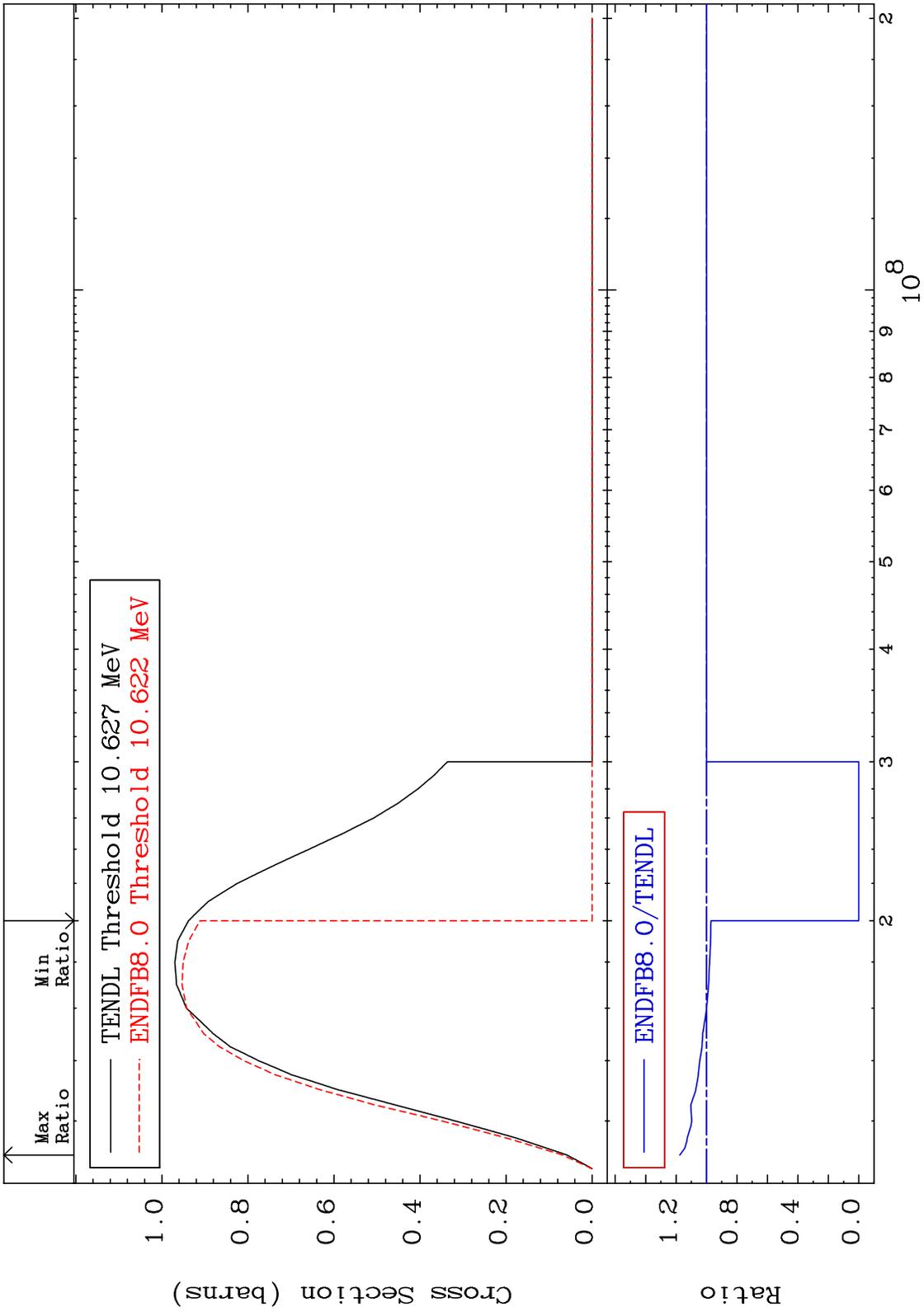


4

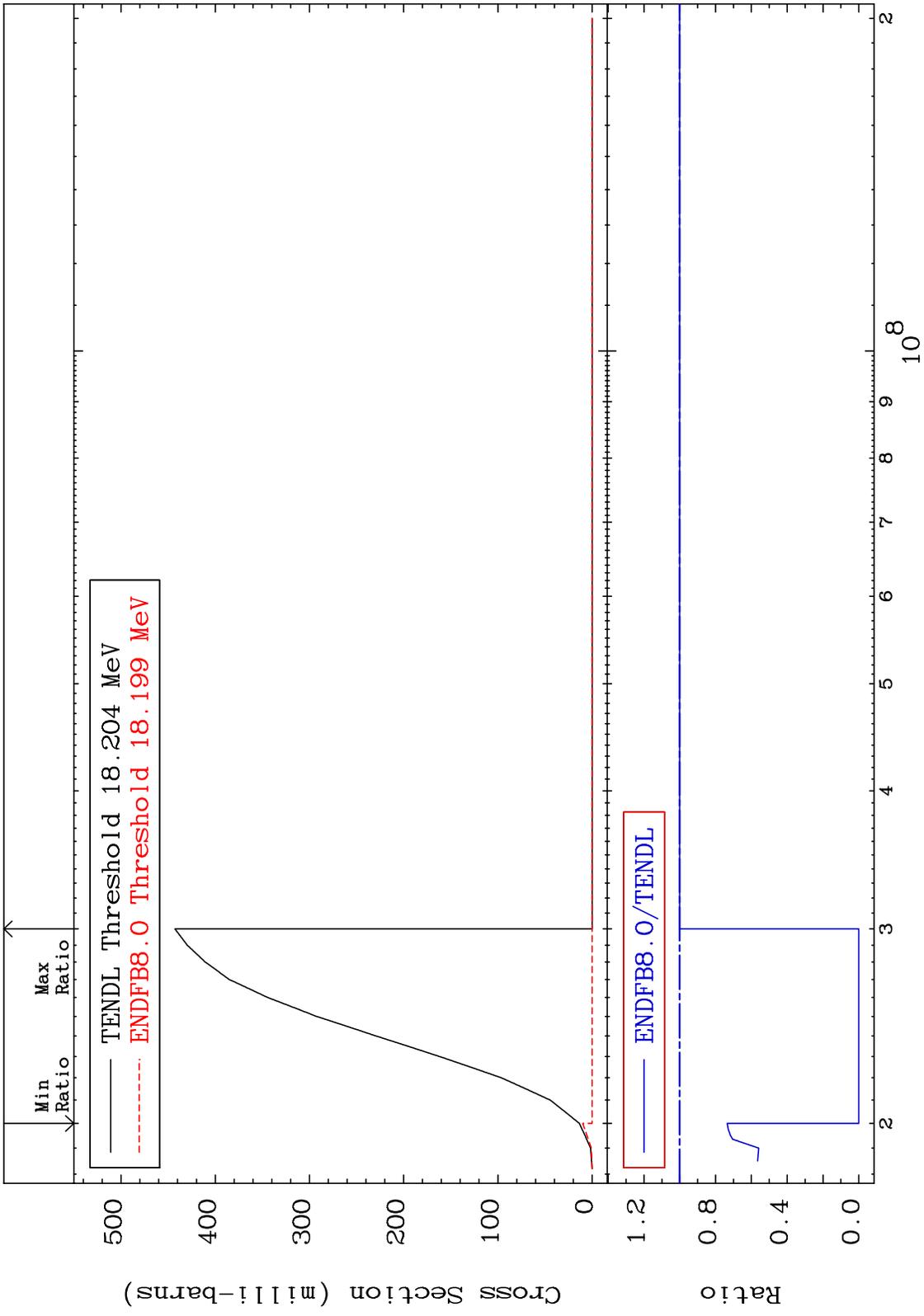
Incident Energy (eV)

20-Ca-46

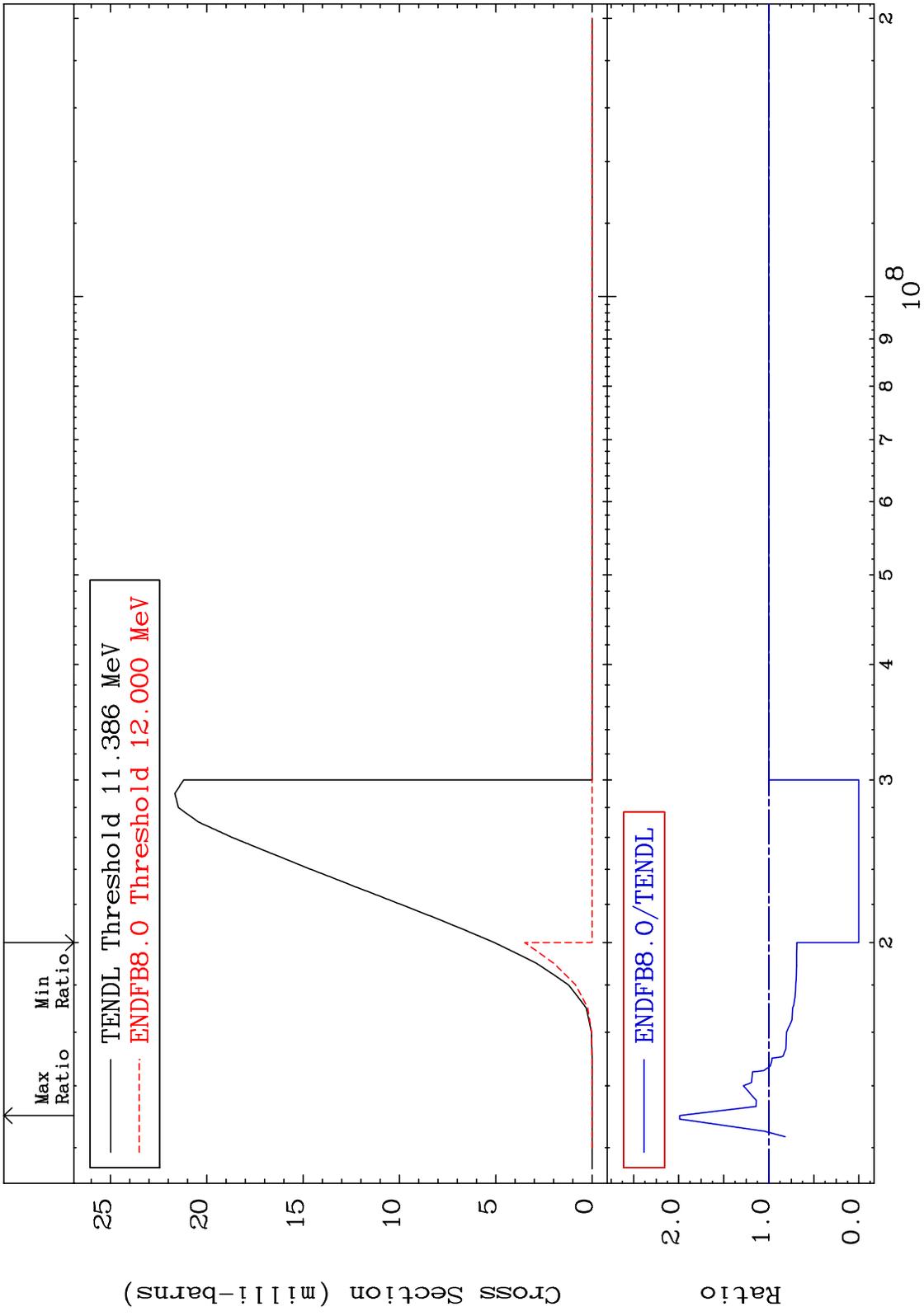
MAT 2043 (n,2n) Cross Section 20-Ca-46 -100.0 To 17.61 %



MAT 2043 (n,3n) 20-Ca-46
 Cross Section -100.0 To 0.000 %

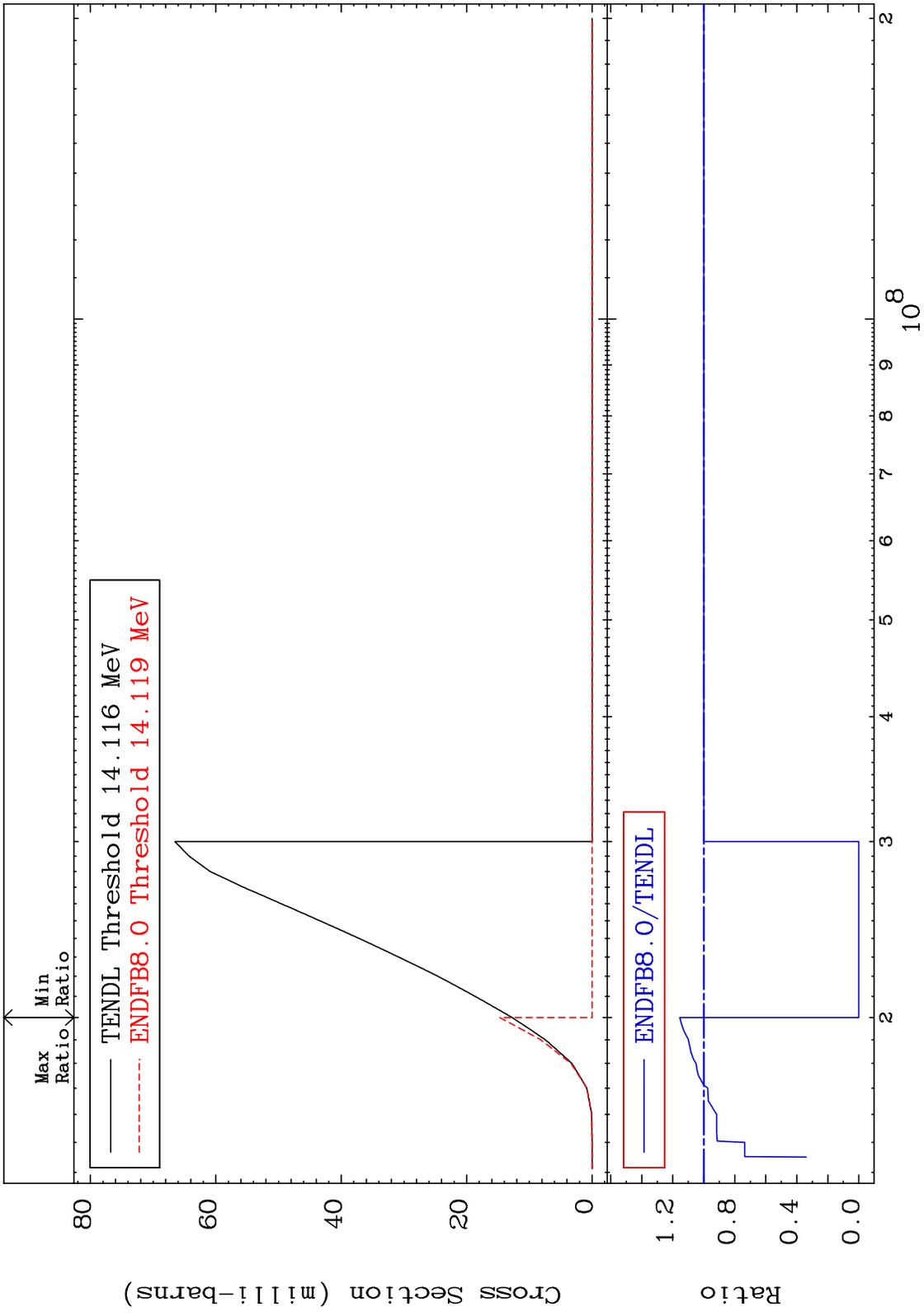


MAT 2043 $(n, n') \alpha$ 20-Ca-46
 Cross Section -100.0 To 98.83 %



7 20-Ca-46

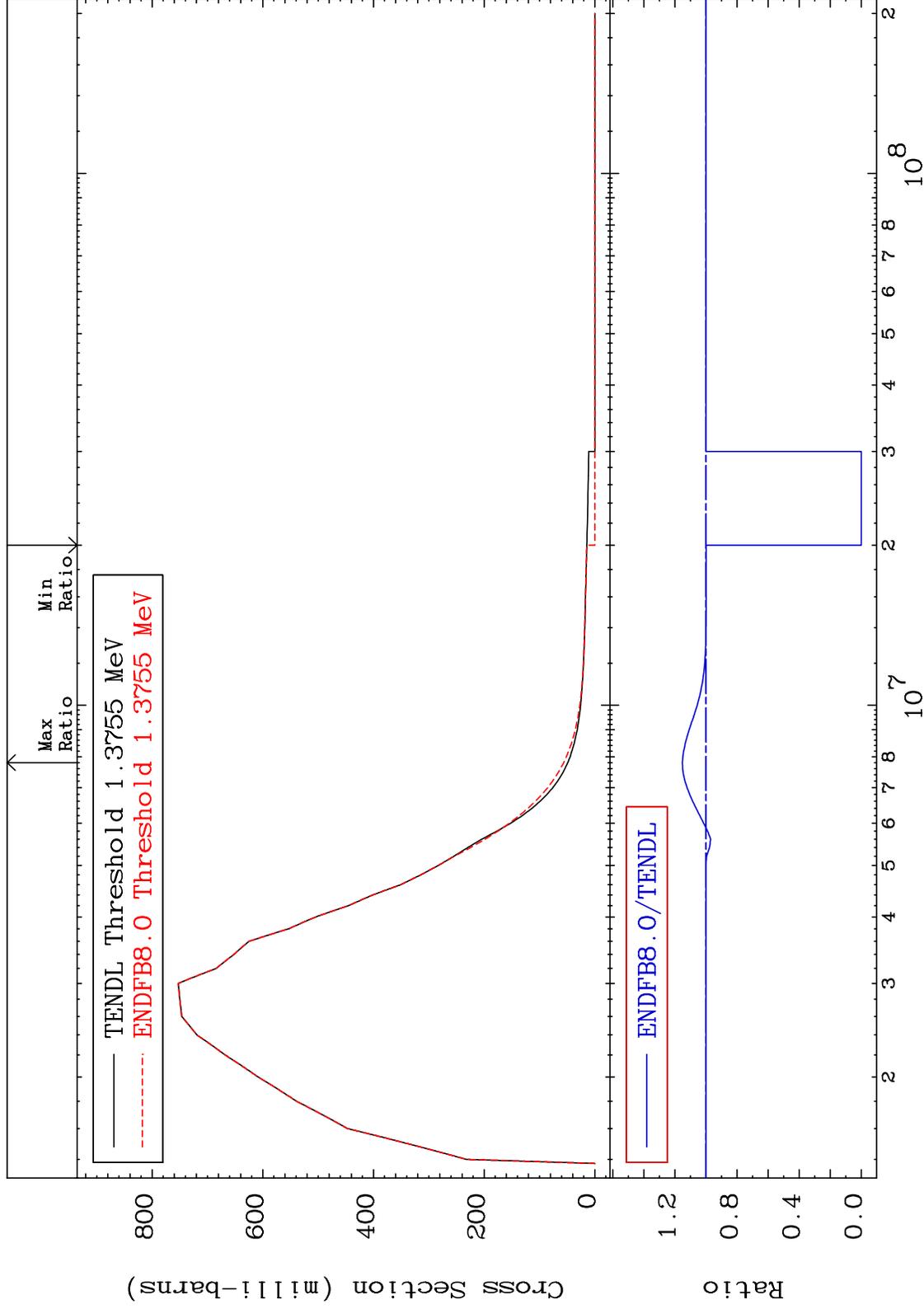
MAT 2043 (n,n') p 20-Ca-46
 Cross Section -100.0 To 15.50 %



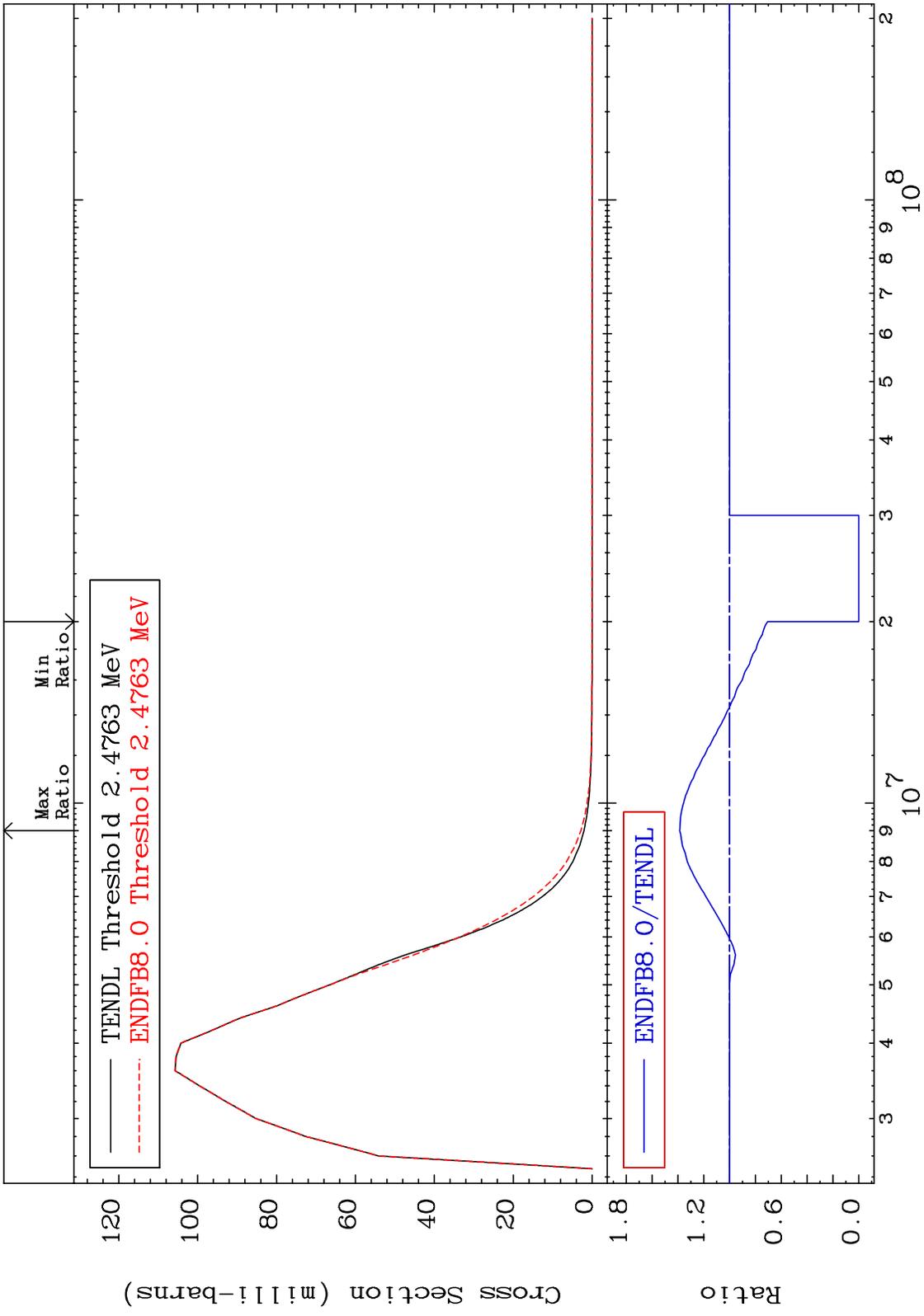
MAT 2043

MT= 51 (n,n') Level
Cross Section

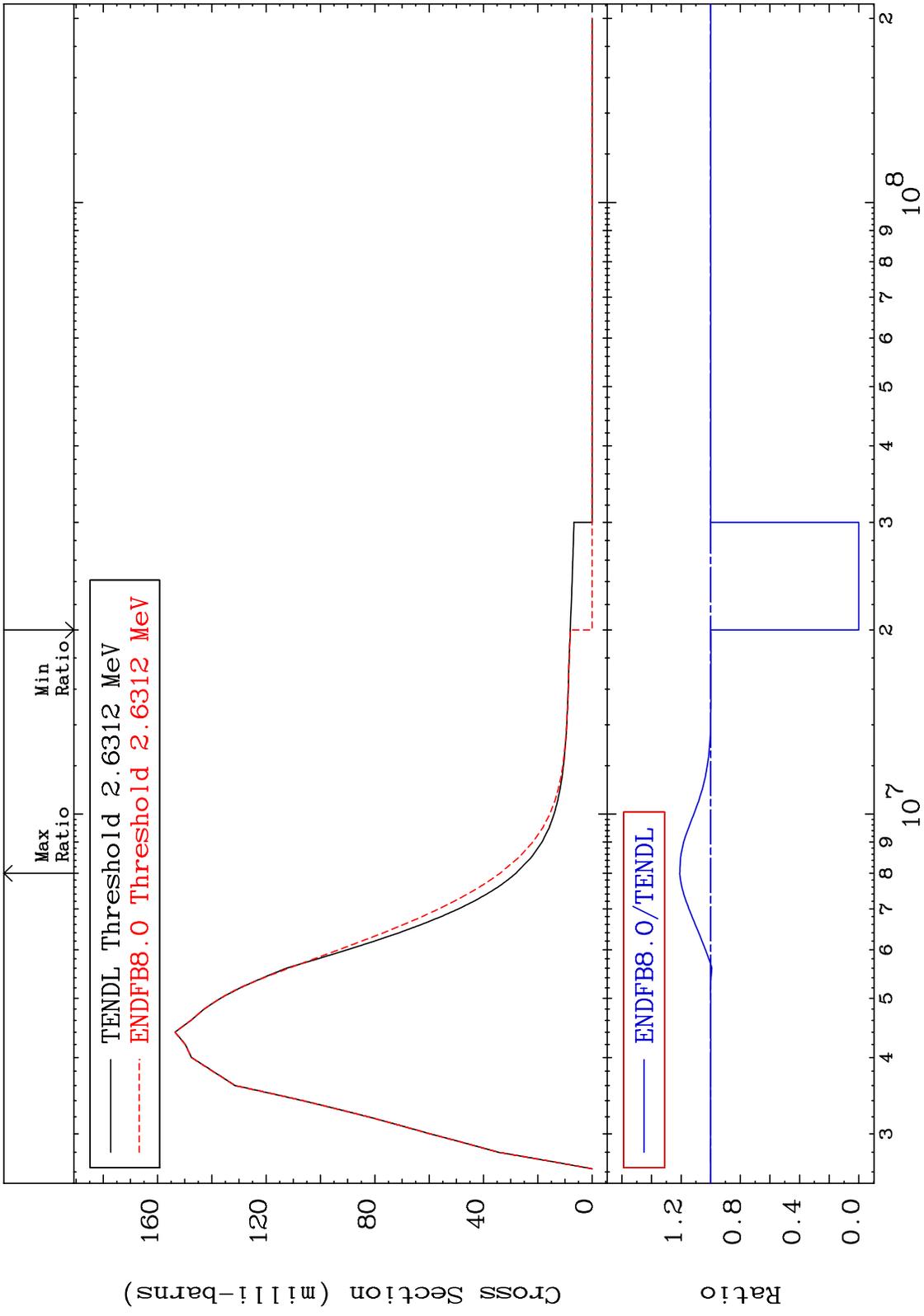
20-Ca-46
-100.0 To 15.21 %



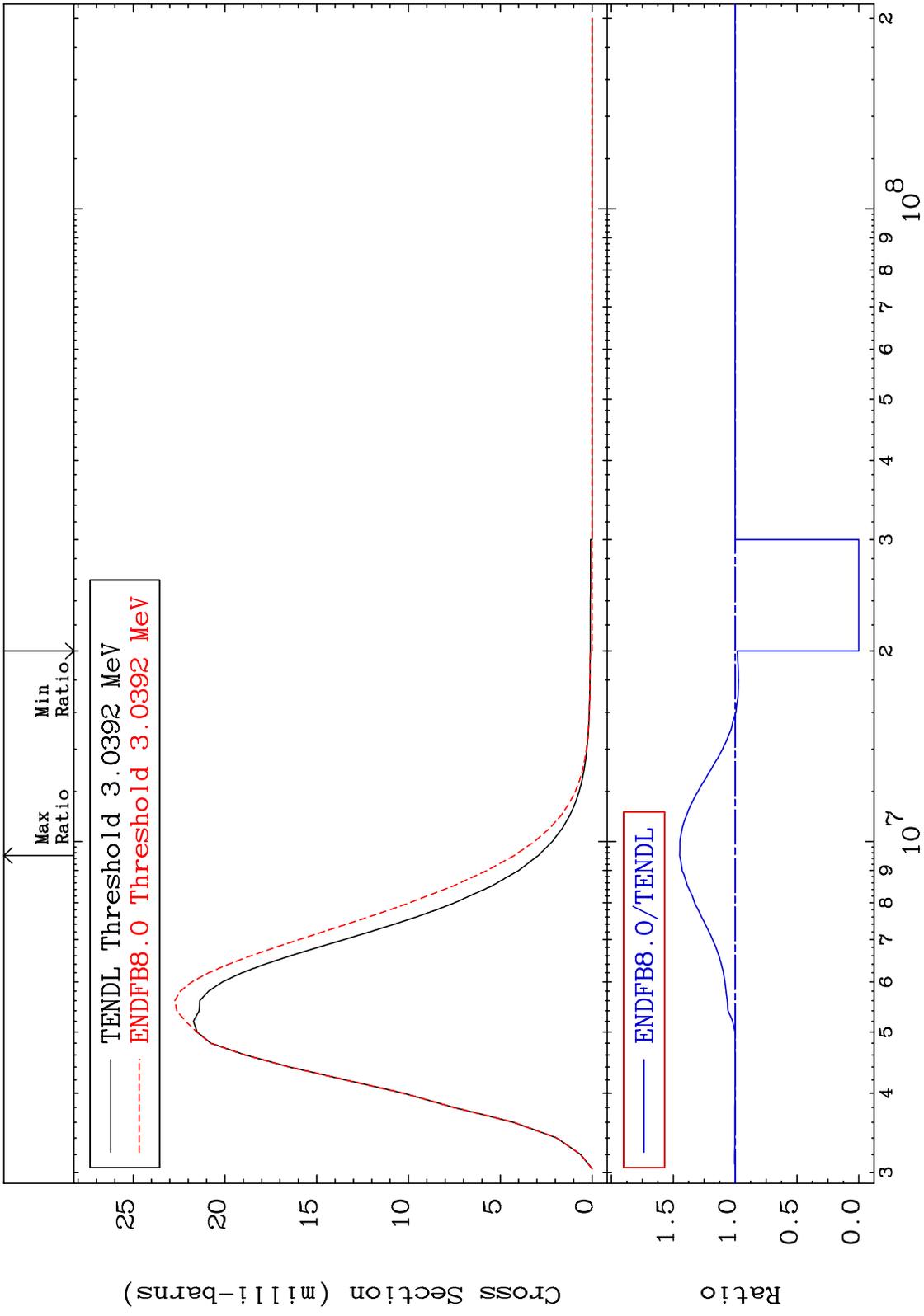
MAT 2043 MT= 52 (n,n') Level Cross Section -100.0 To 38.61 % 20-Ca-46



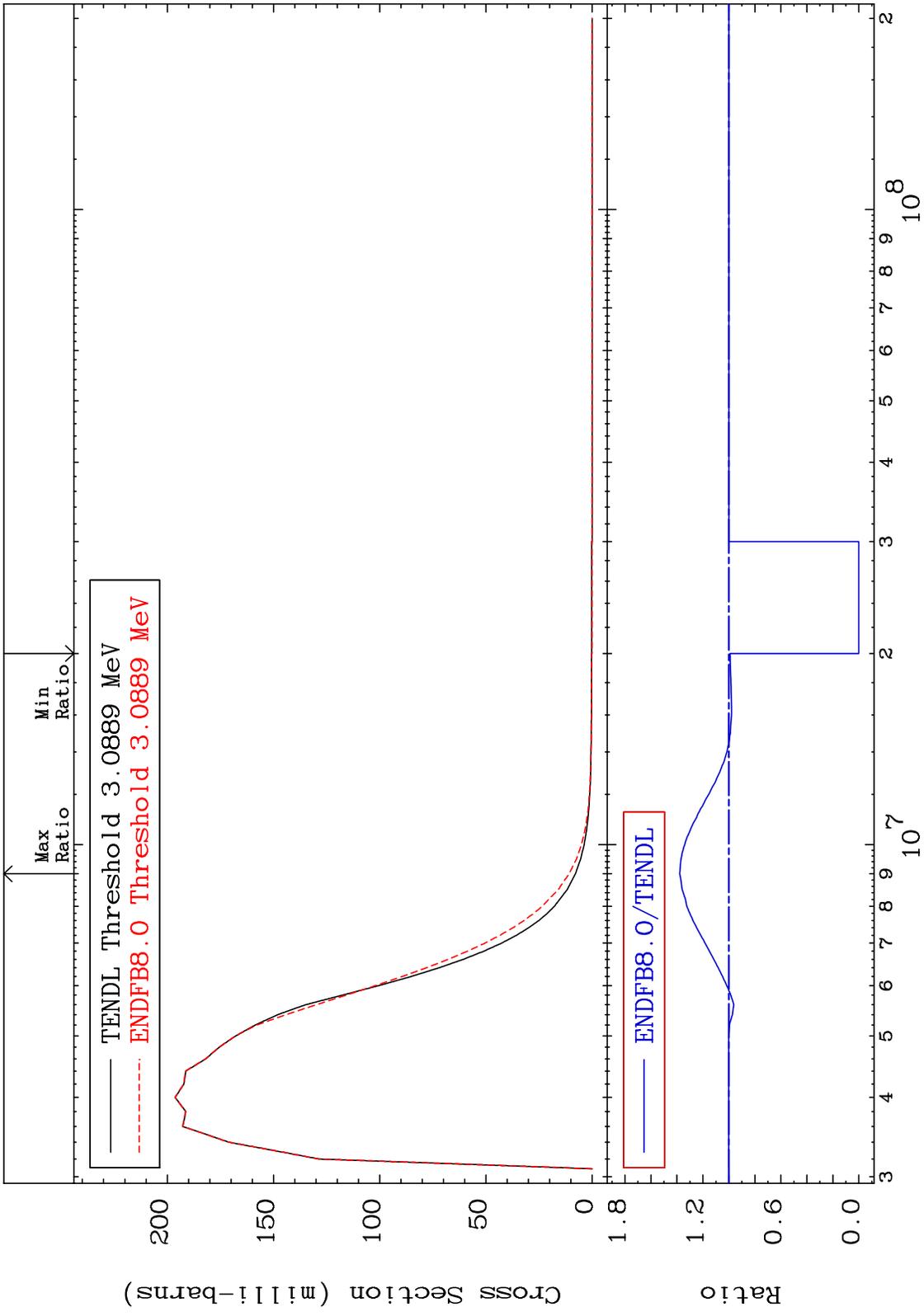
MAT 2043 MT= 53 (n,n') Level Cross Section -100.0 To 20.92 % 20-Ca-46



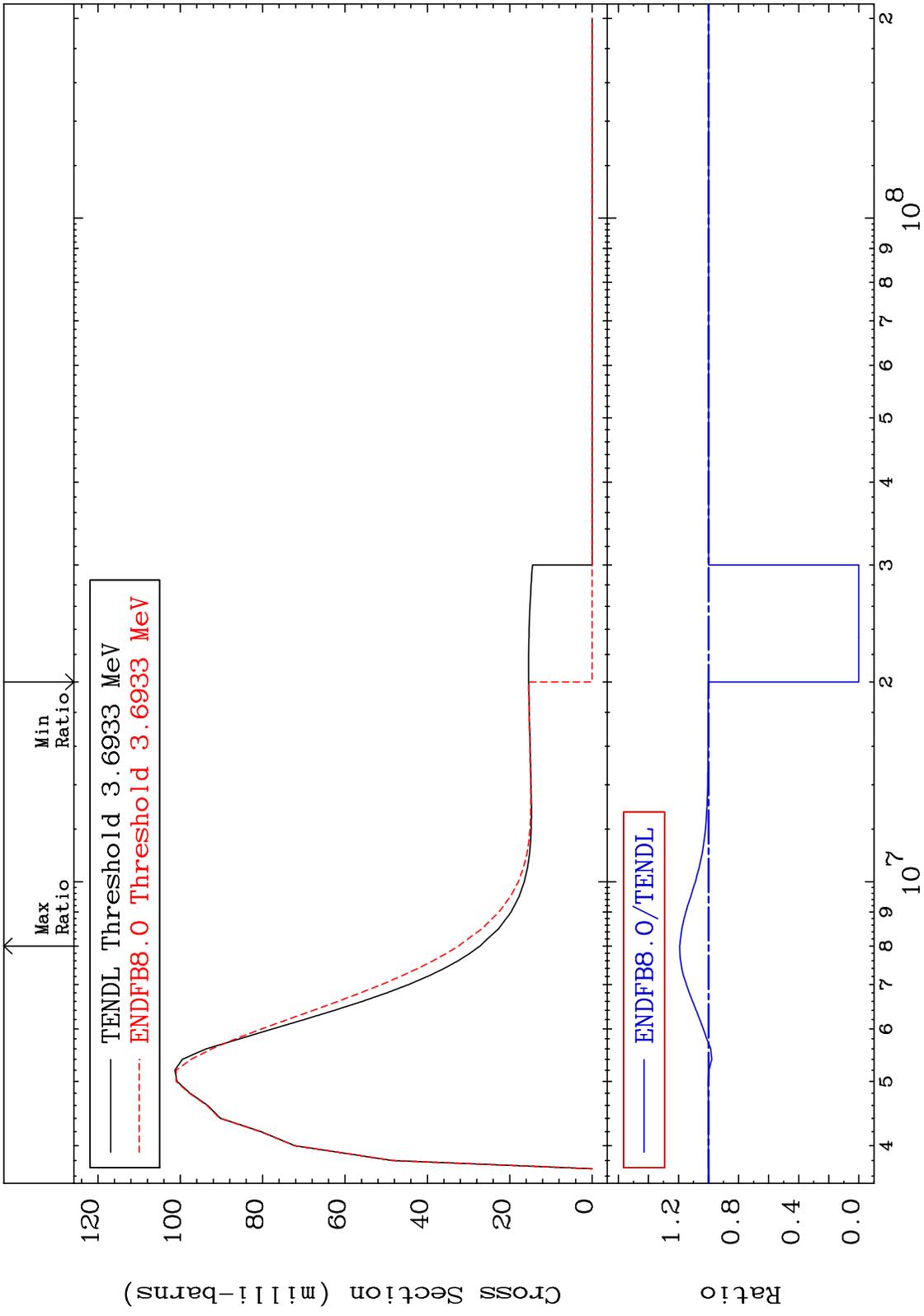
MAT 2043 MT= 54 (n,n') Level Cross Section -100.0 To 44.79 % 20-Ca-46



MAT 2043 MT= 55 (n,n') Level Cross Section -100.0 To 37.84 % 20-Ca-46



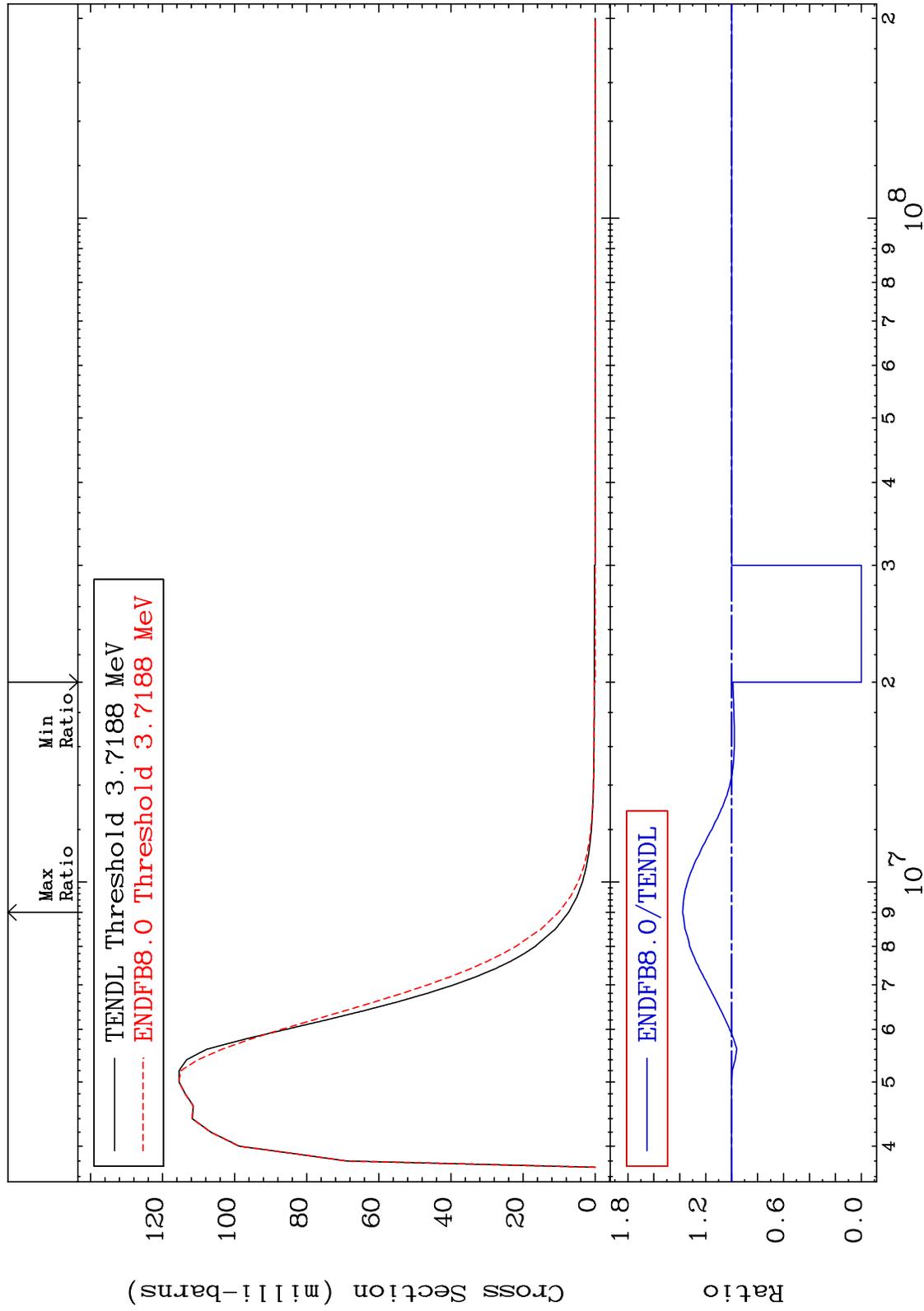
MAT 2043 MT= 56 (n,n') Level Cross Section -100.0 To 19.16 % 20-Ca-46



MAT 2043

MT= 57 (n,n') Level
Cross Section

20-Ca-46
-100.0 To 37.77 %

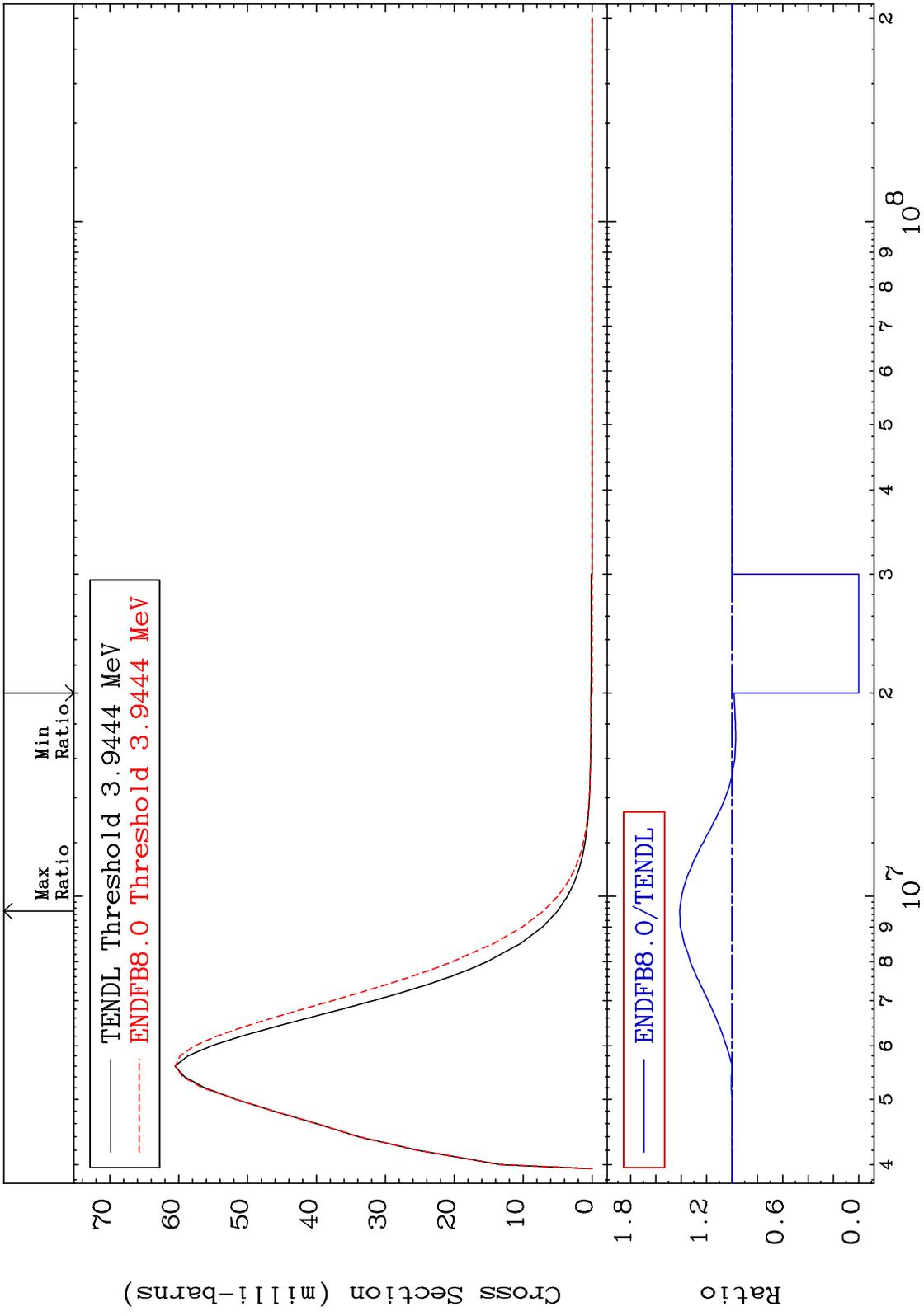


15

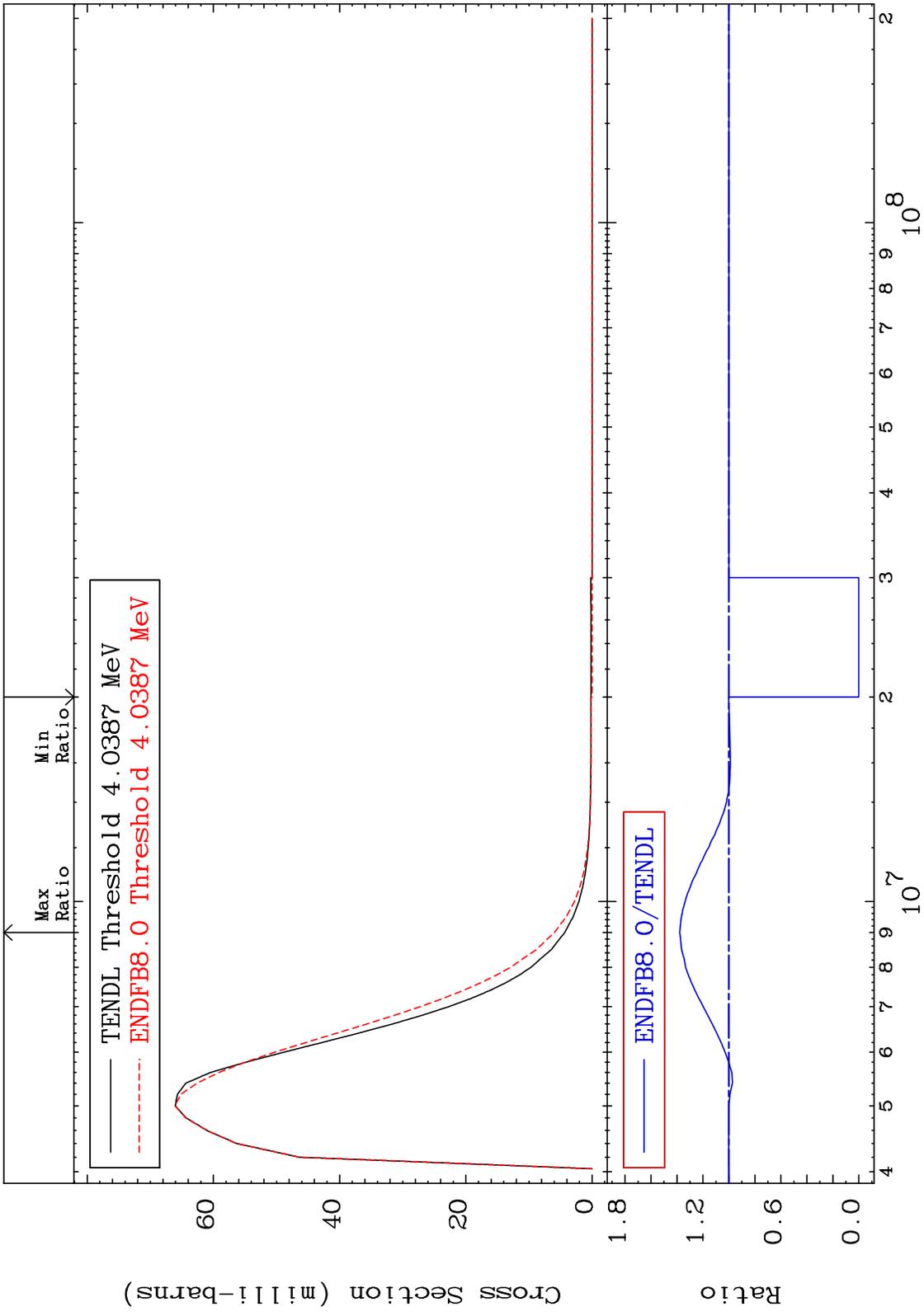
Incident Energy (eV)

20-Ca-46

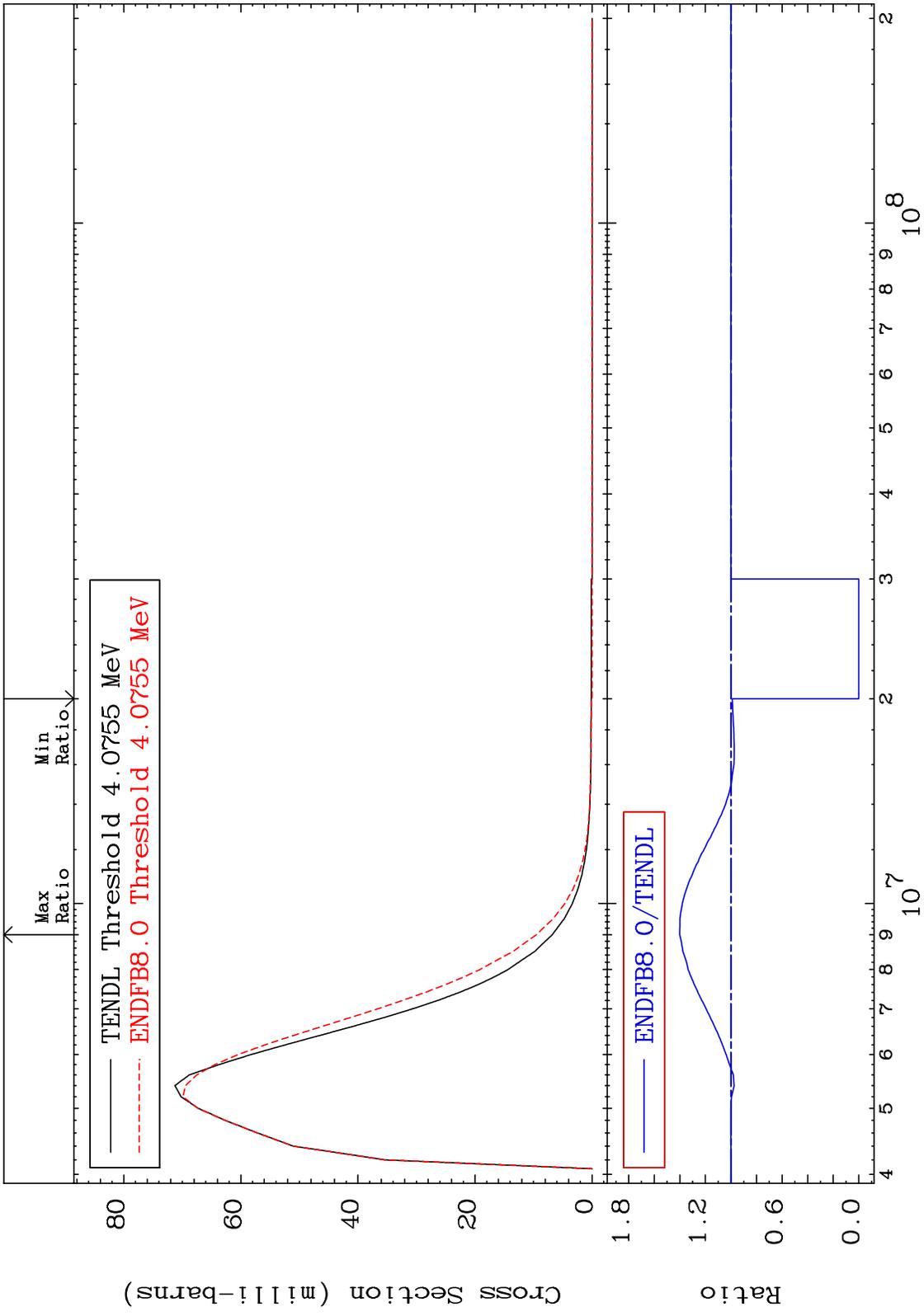
MAT 2043 MT= 58 (n,n') Level Cross Section -100.0 To 41.21 % 20-Ca-46



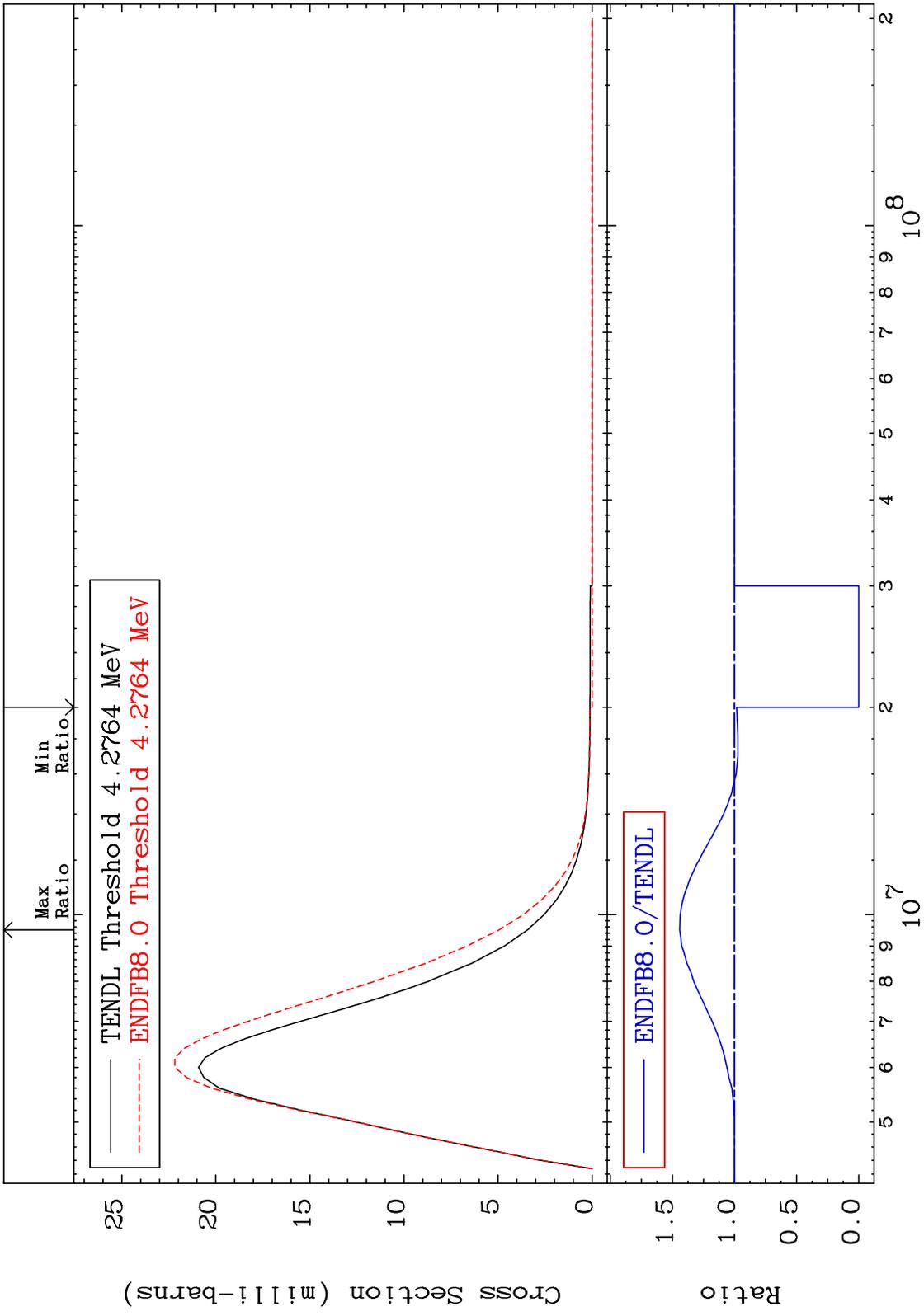
MAT 2043 MT= 59 (n,n') Level Cross Section -100.0 To 37.85 % 20-Ca-46



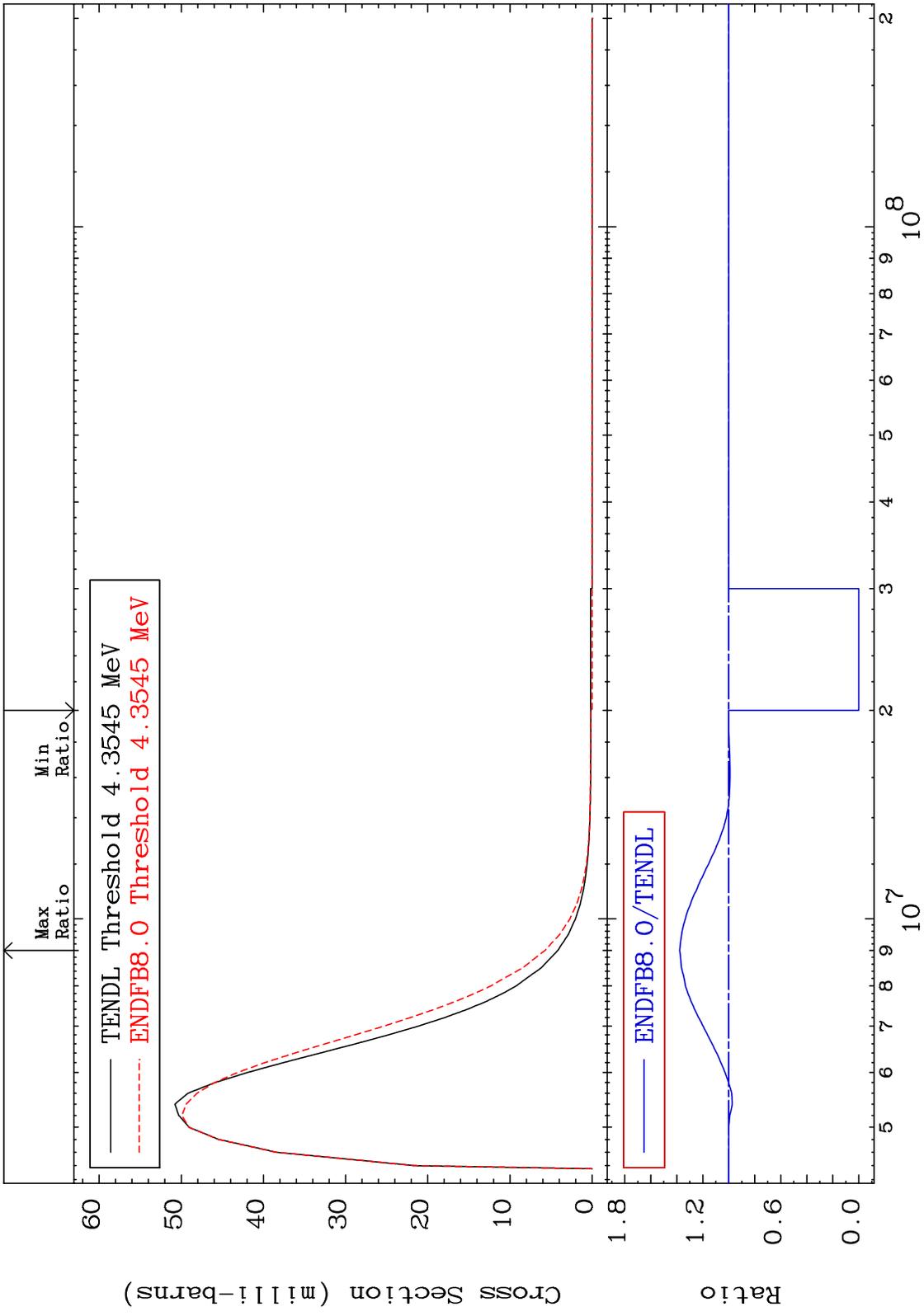
MAT 2043 MT= 60 (n,n') Level Cross Section -100.0 To 40.06 % 20-Ca-46



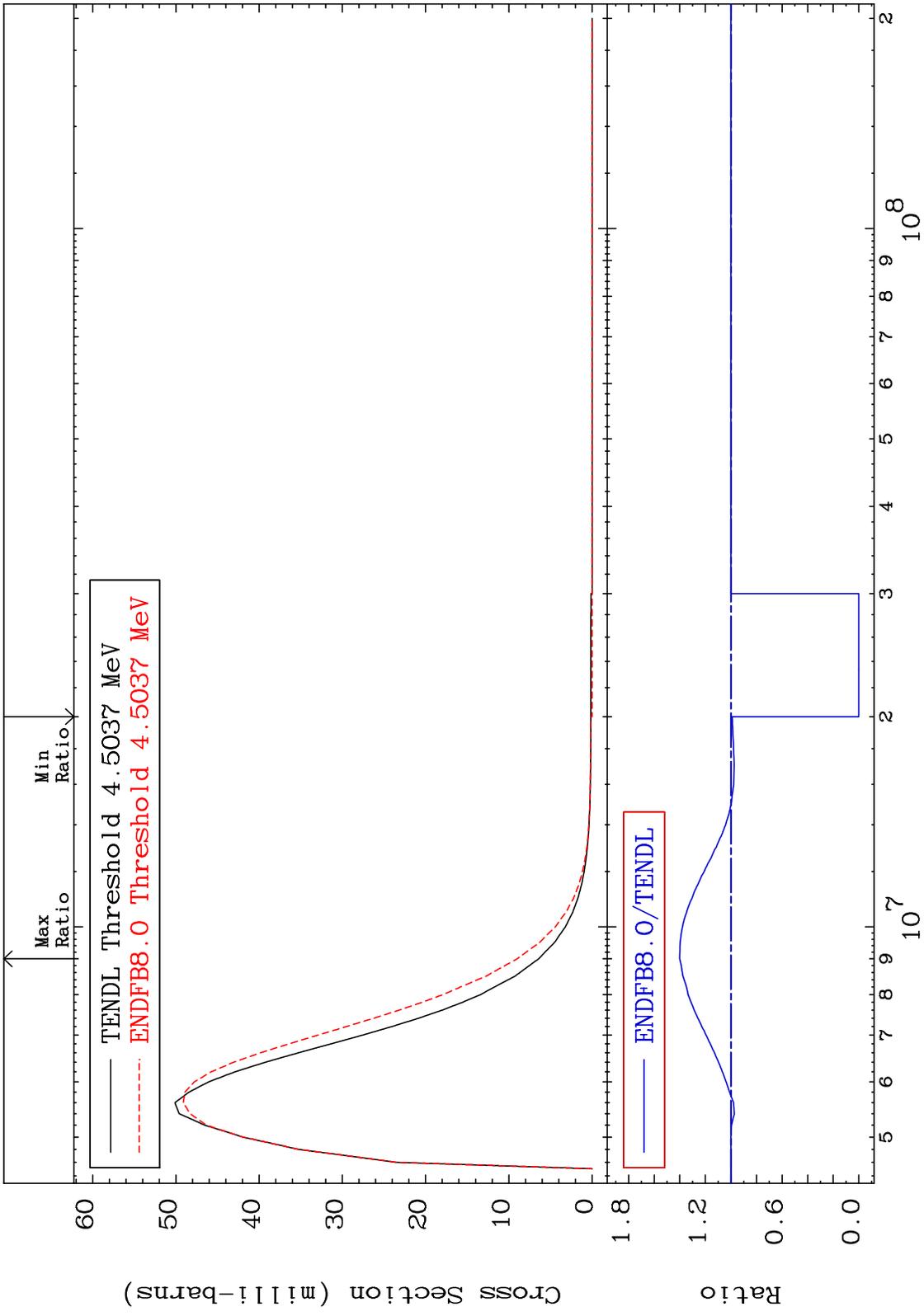
MAT 2043 MT= 61 (n,n') Level Cross Section -100.0 To 44.07 % 20-Ca-46



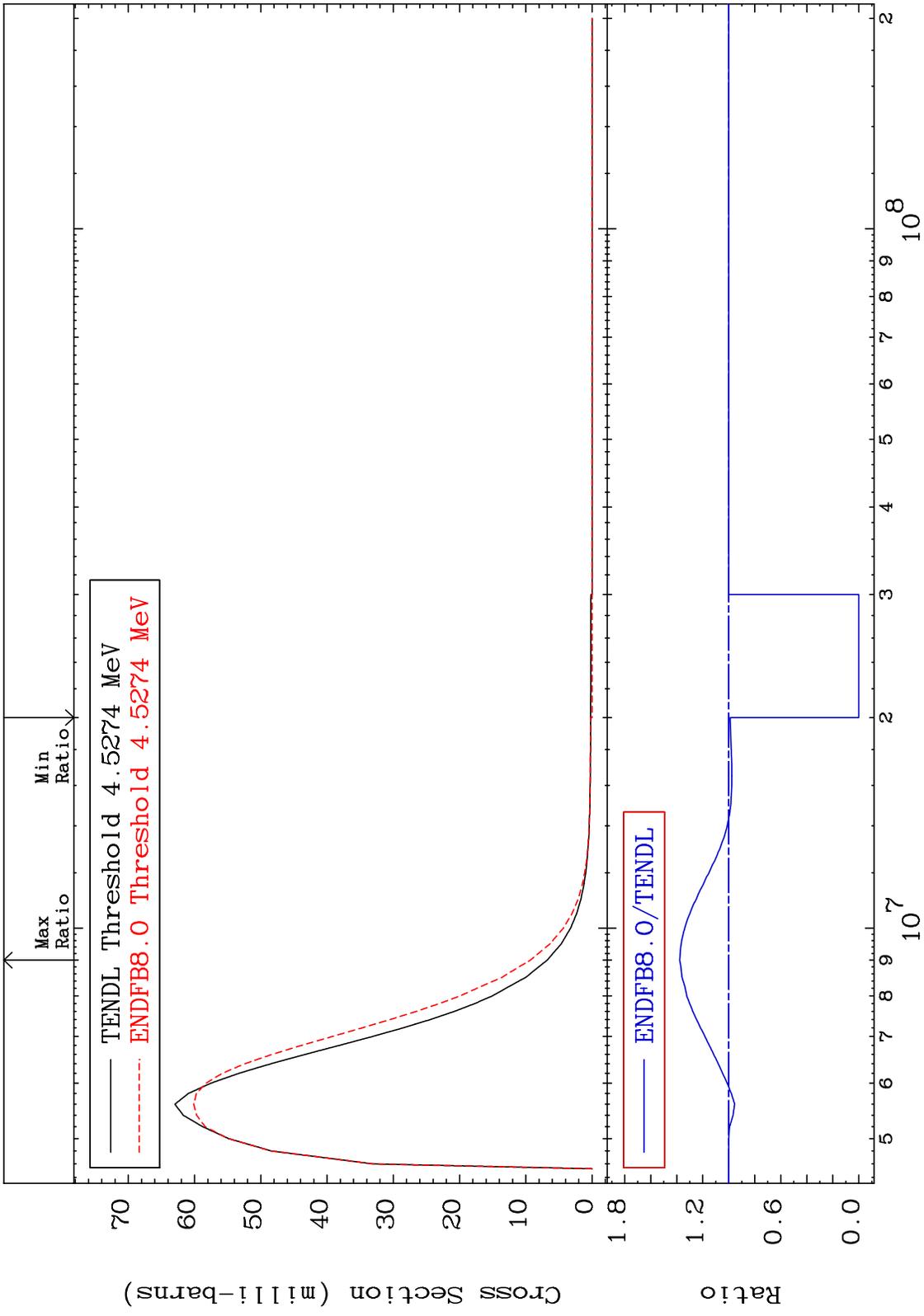
MAT 2043 MT= 62 (n,n') Level Cross Section -100.0 To 37.72 % 20-Ca-46



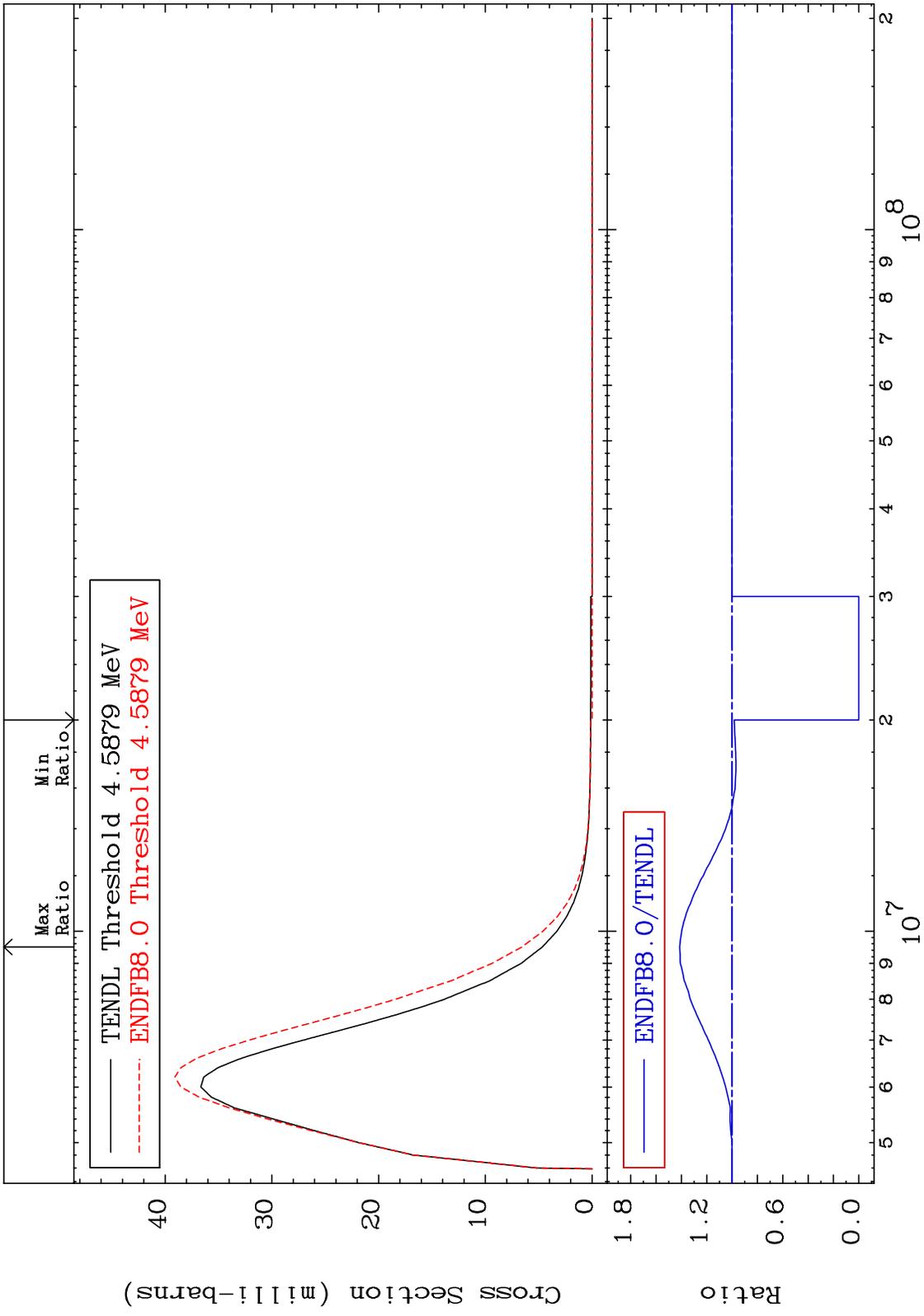
MAT 2043 MT= 63 (n,n') Level Cross Section -100.0 To 40.03 % 20-Ca-46



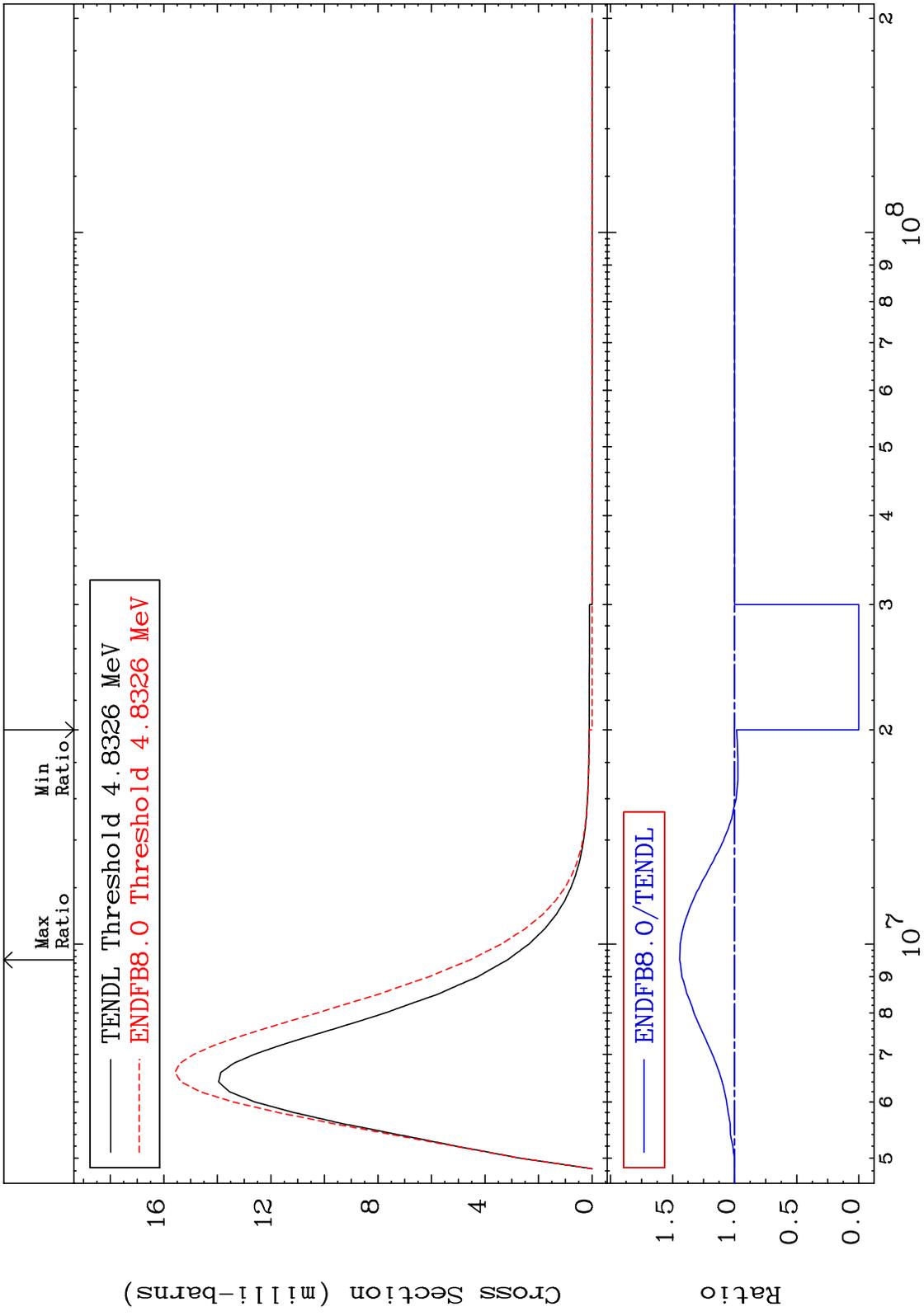
MAT 2043 MT= 64 (n,n') Level Cross Section -100.0 To 37.69 % 20-Ca-46



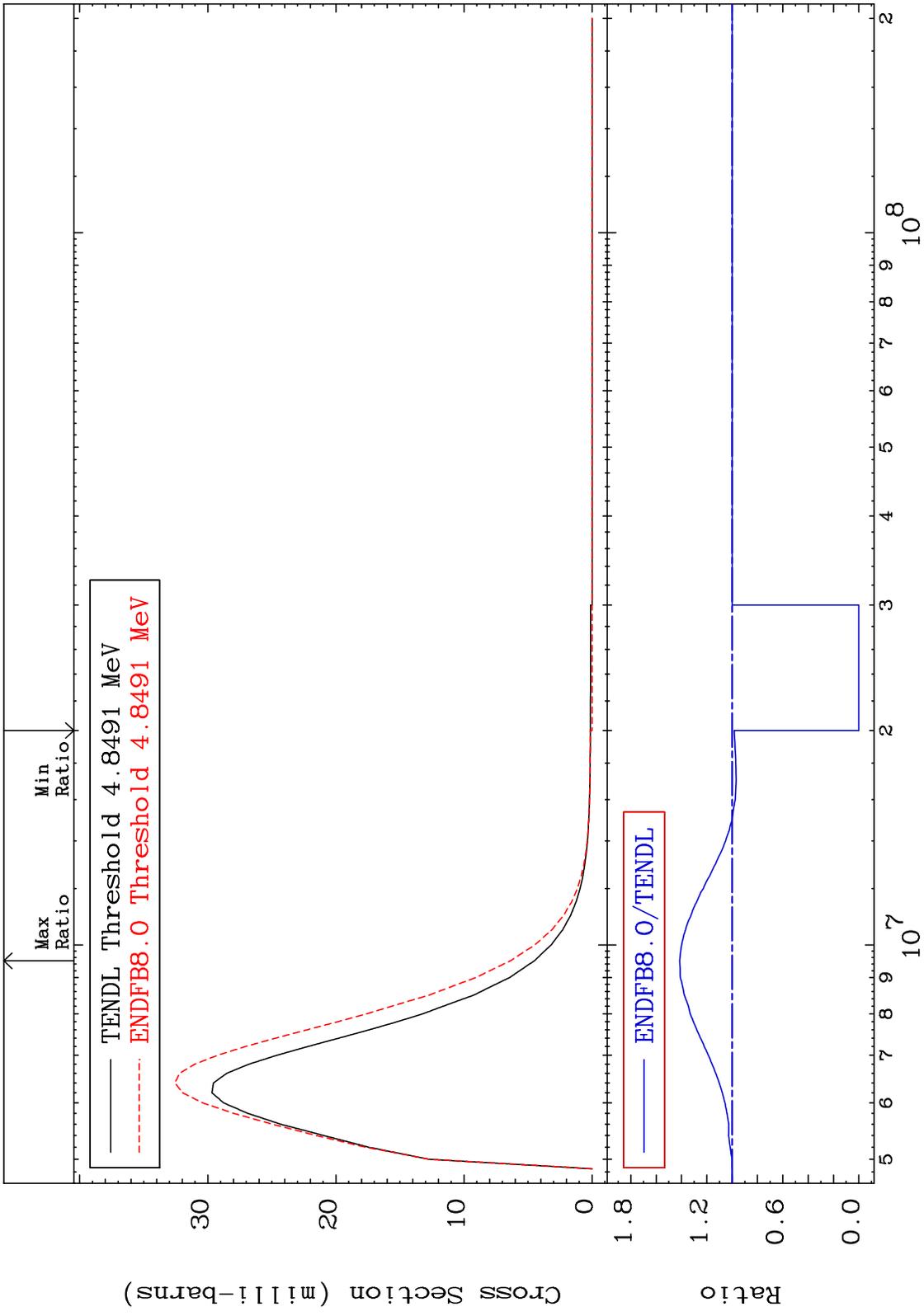
MAT 2043 MT= 65 (n,n') Level Cross Section -100.0 To 41.32 % 20-Ca-46



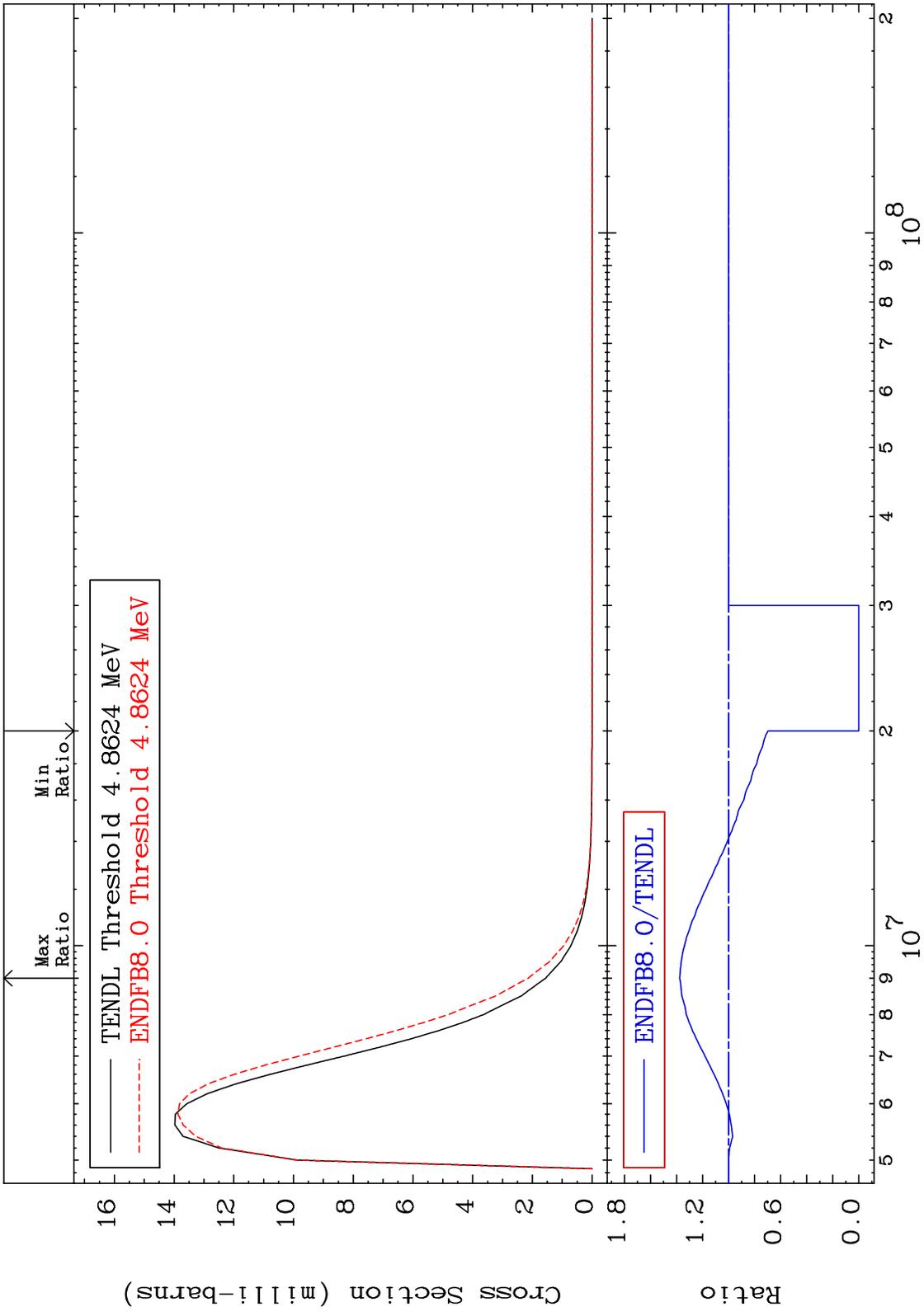
MAT 2043 MT= 66 (n,n') Level Cross Section -100.0 To 44.22 % 20-Ca-46



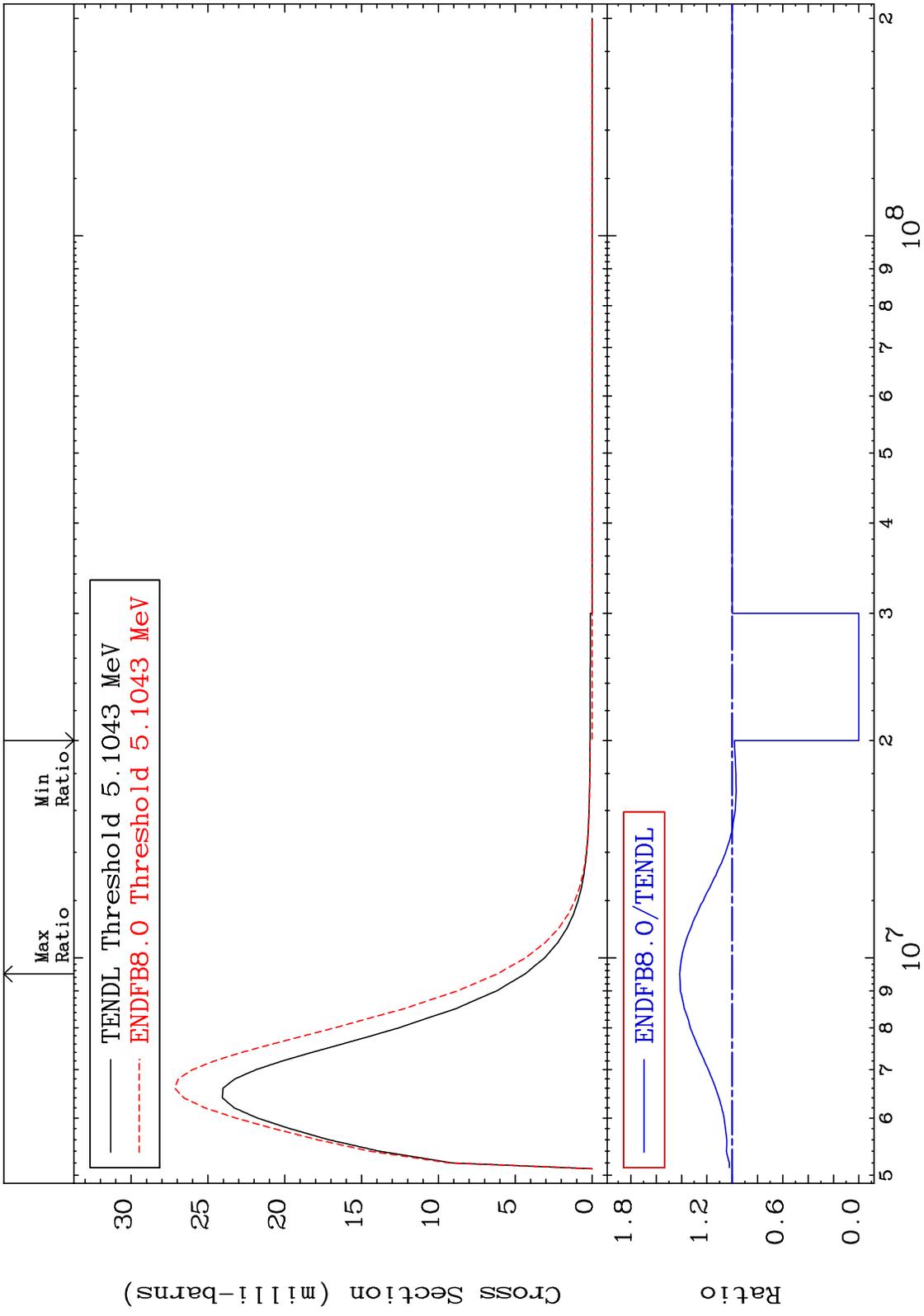
MAT 2043 MT= 67 (n,n') Level Cross Section -100.0 To 41.37 % 20-Ca-46



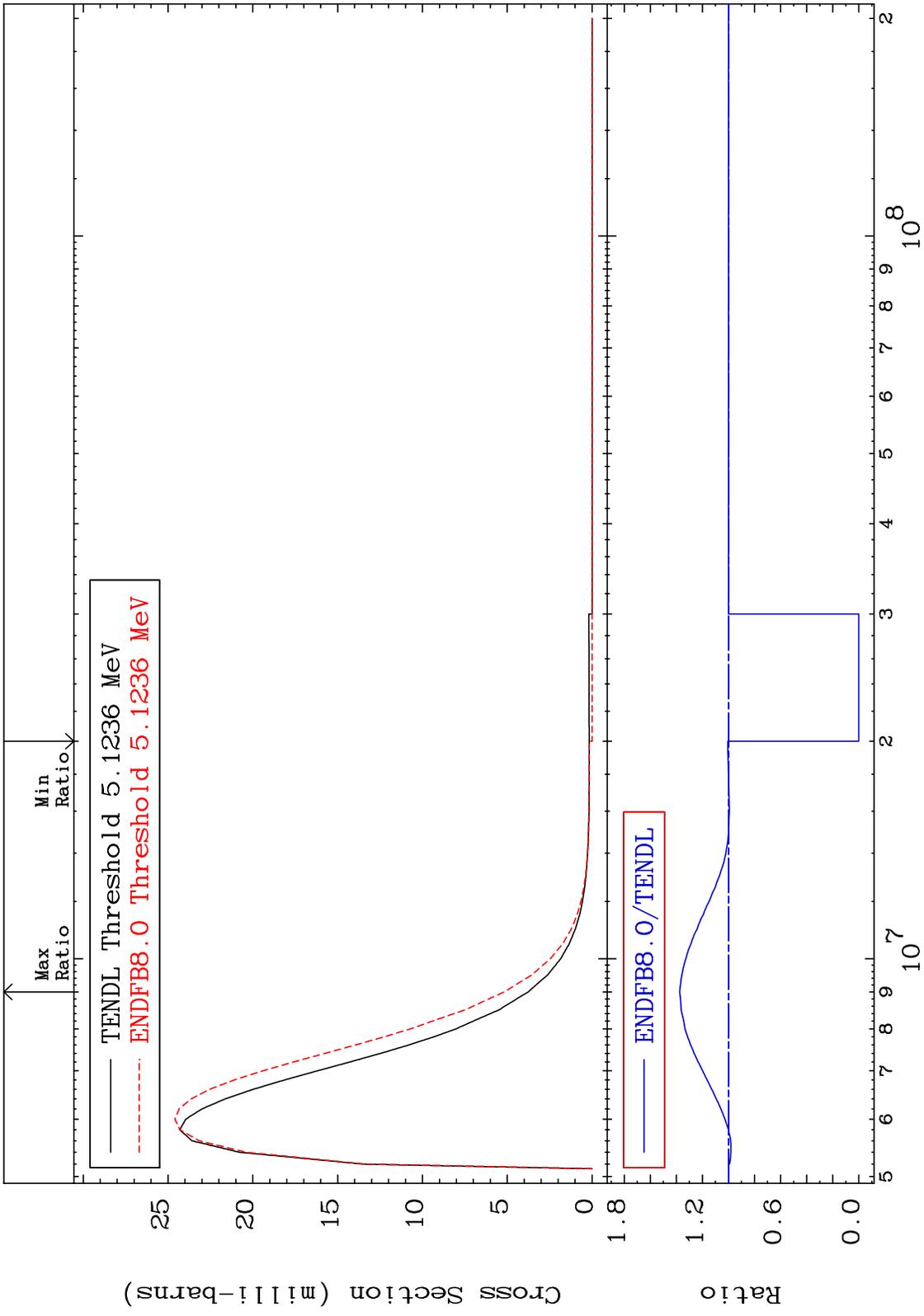
MAT 2043 MT= 68 (n,n') Level Cross Section -100.0 To 37.52 % 20-Ca-46

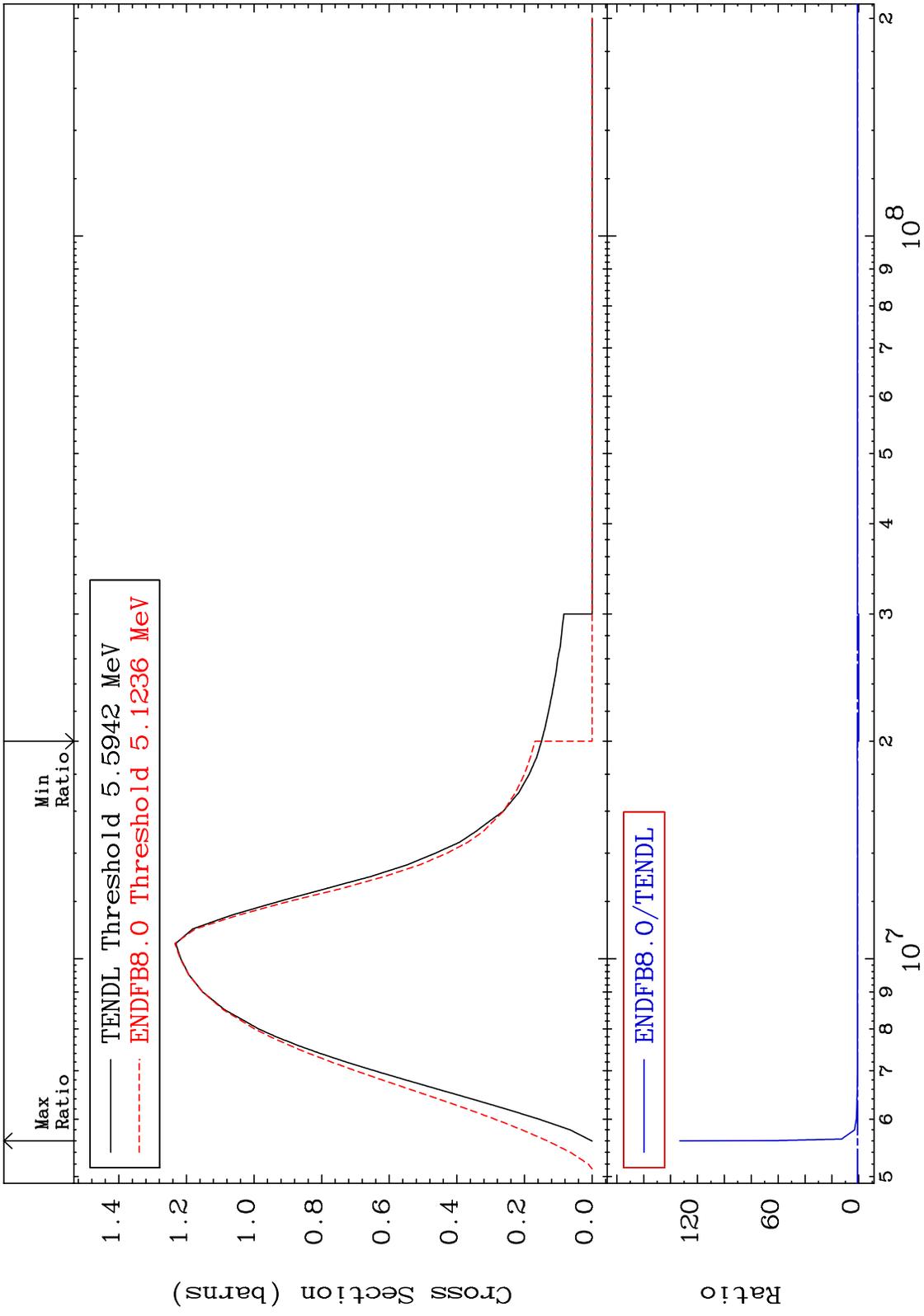


MAT 2043 MT= 69 (n,n') Level Cross Section -100.0 To 41.42 % 20-Ca-46



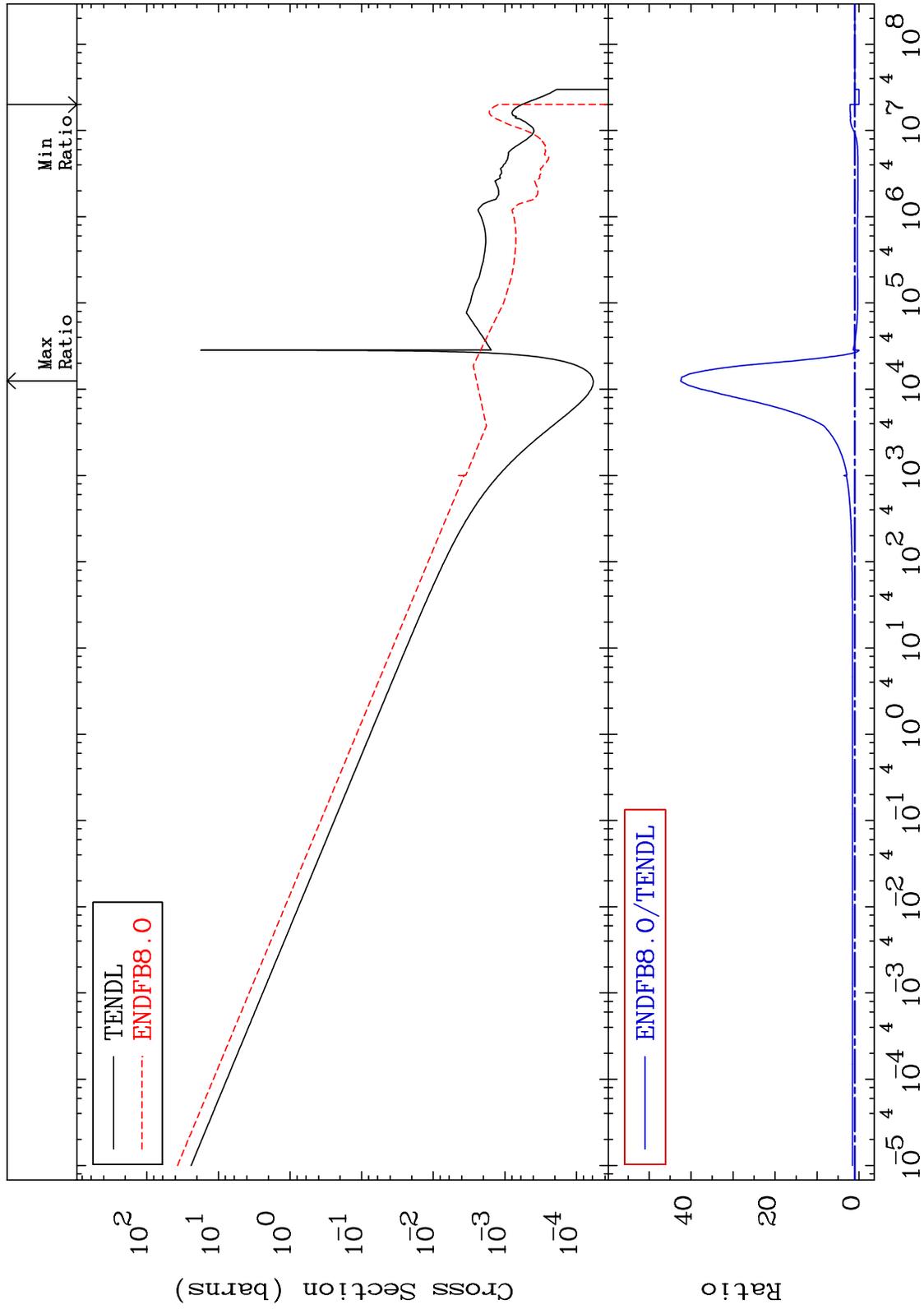
MAT 2043 MT= 70 (n,n') Level Cross Section -100.0 To 37.39 % 20-Ca-46





MAT 2043

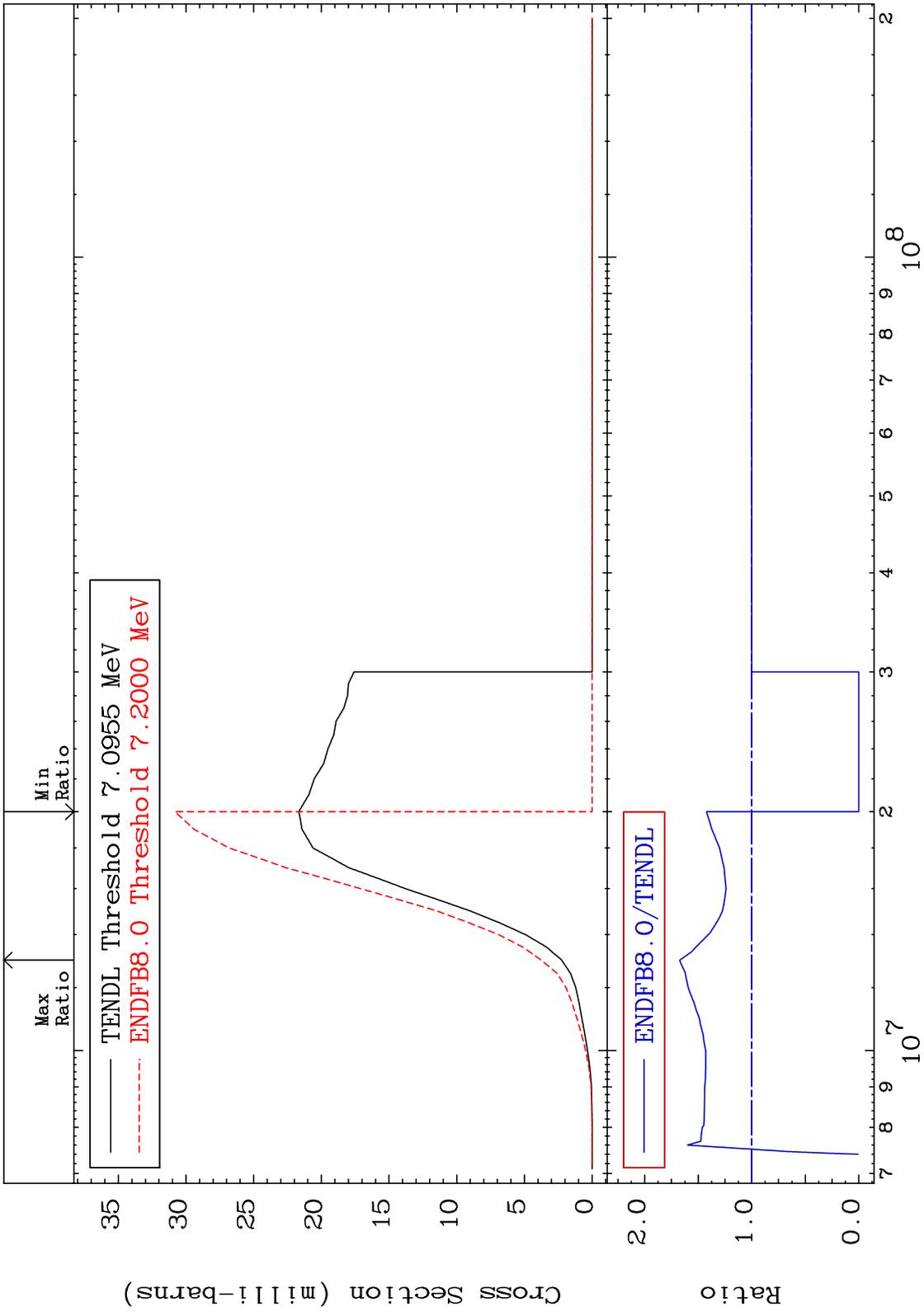
(n, γ) Cross Section
-100.0 To 4150. %
20-Ca-46



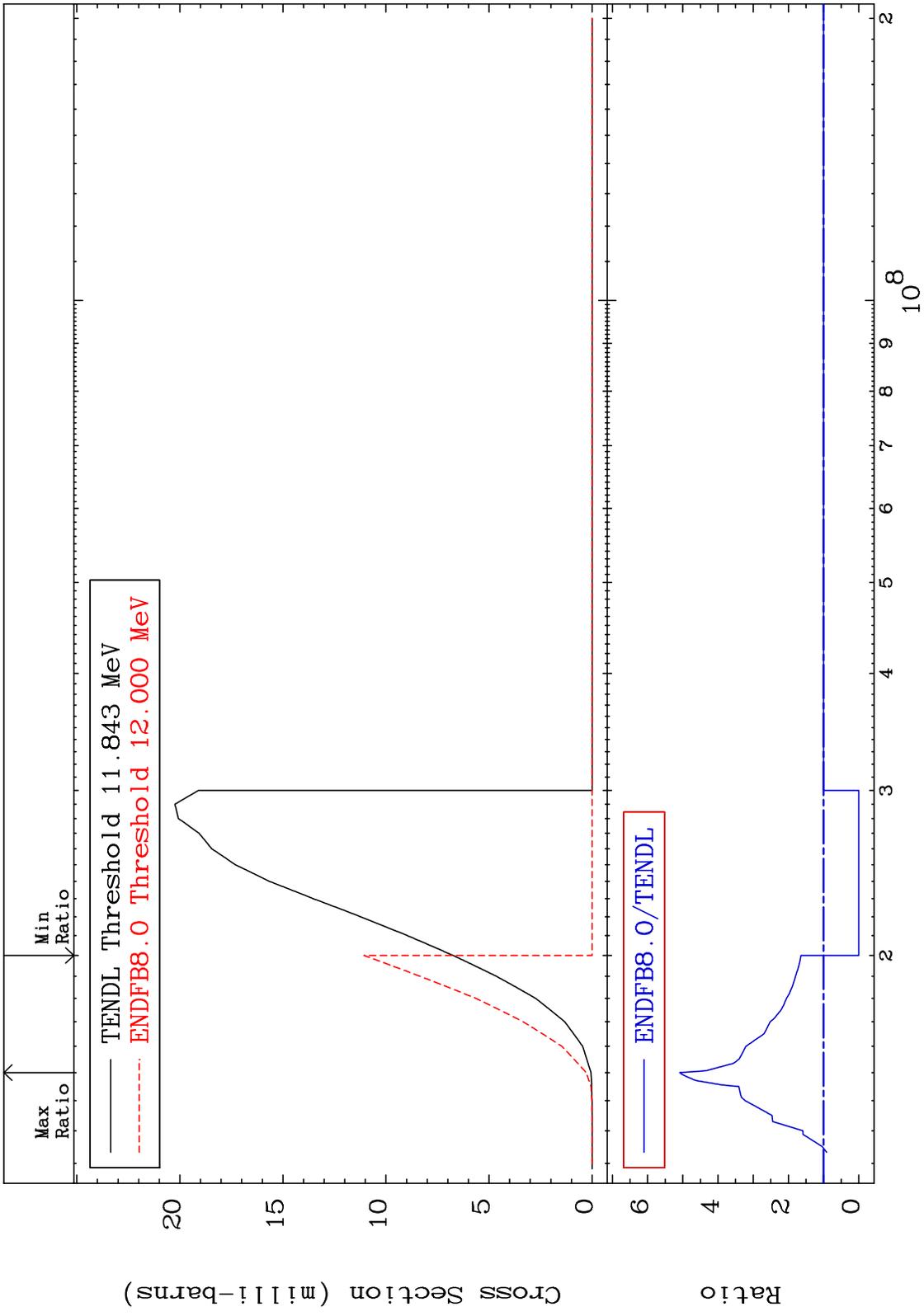
30

20-Ca-46

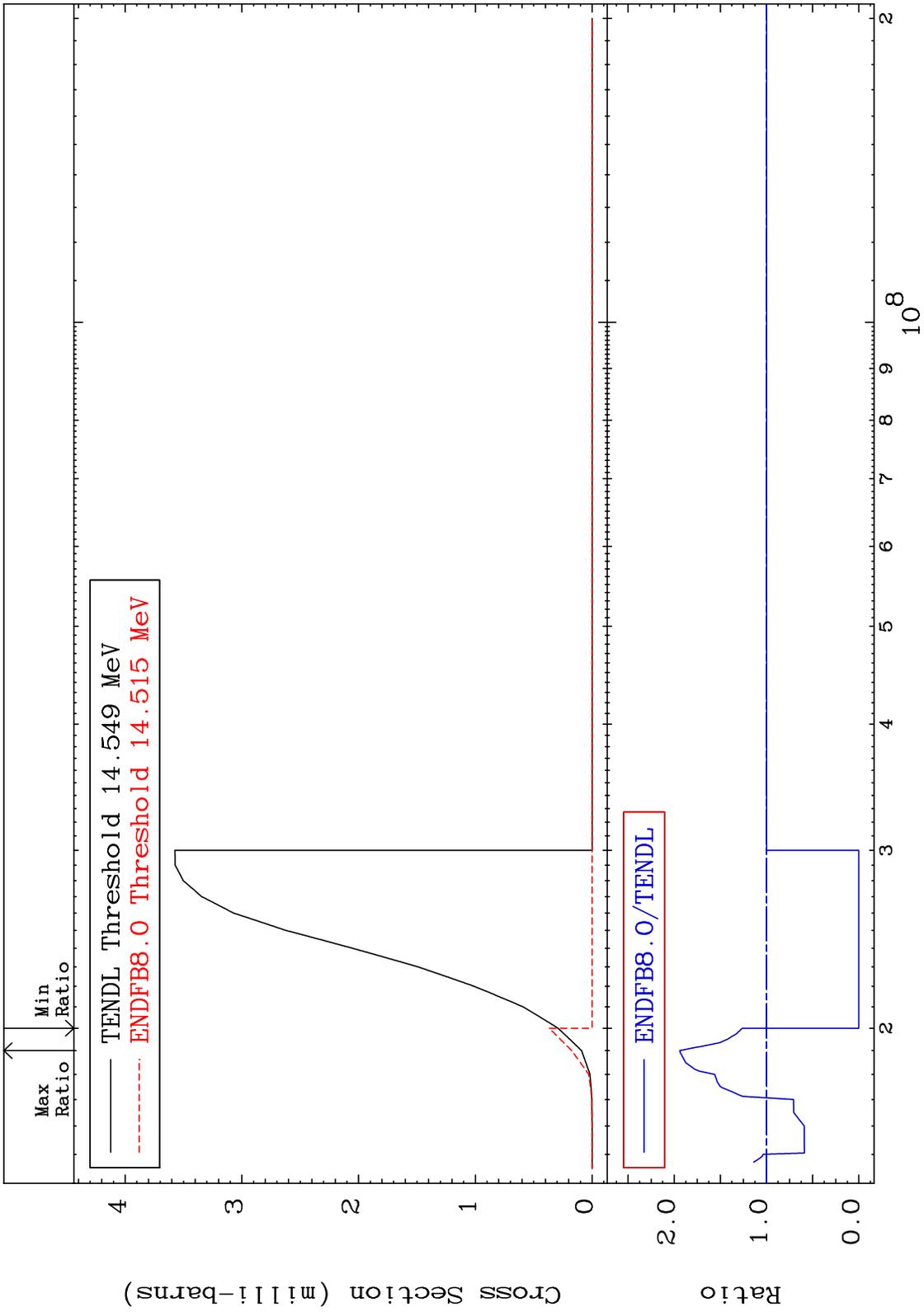
MAT 2043 (n,p) Cross Section 20-Ca-46
 -100.0 To 67.26 %



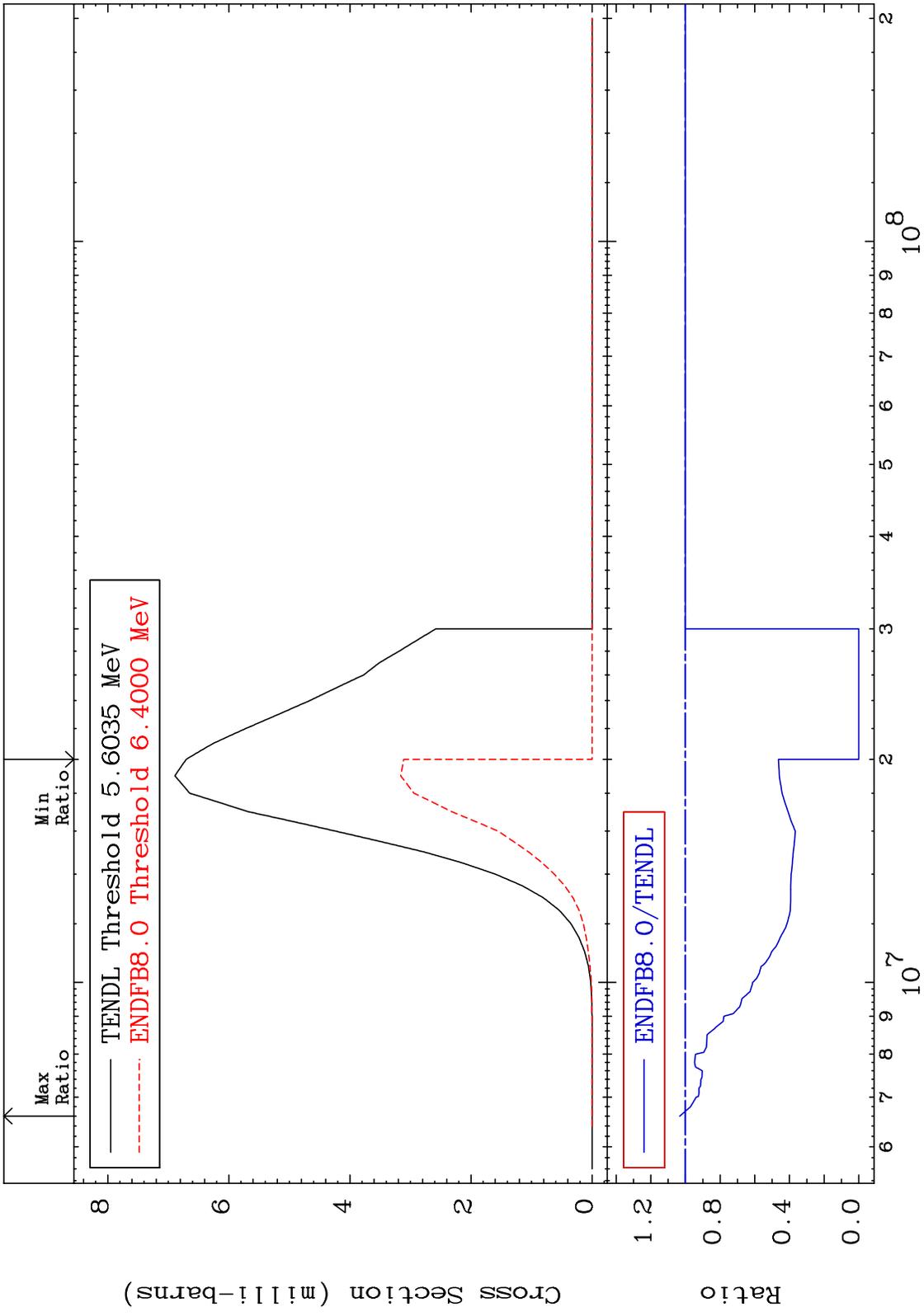
MAT 2043 (n,d) 20-Ca-46
 Cross Section -100.0 To 408.6 %



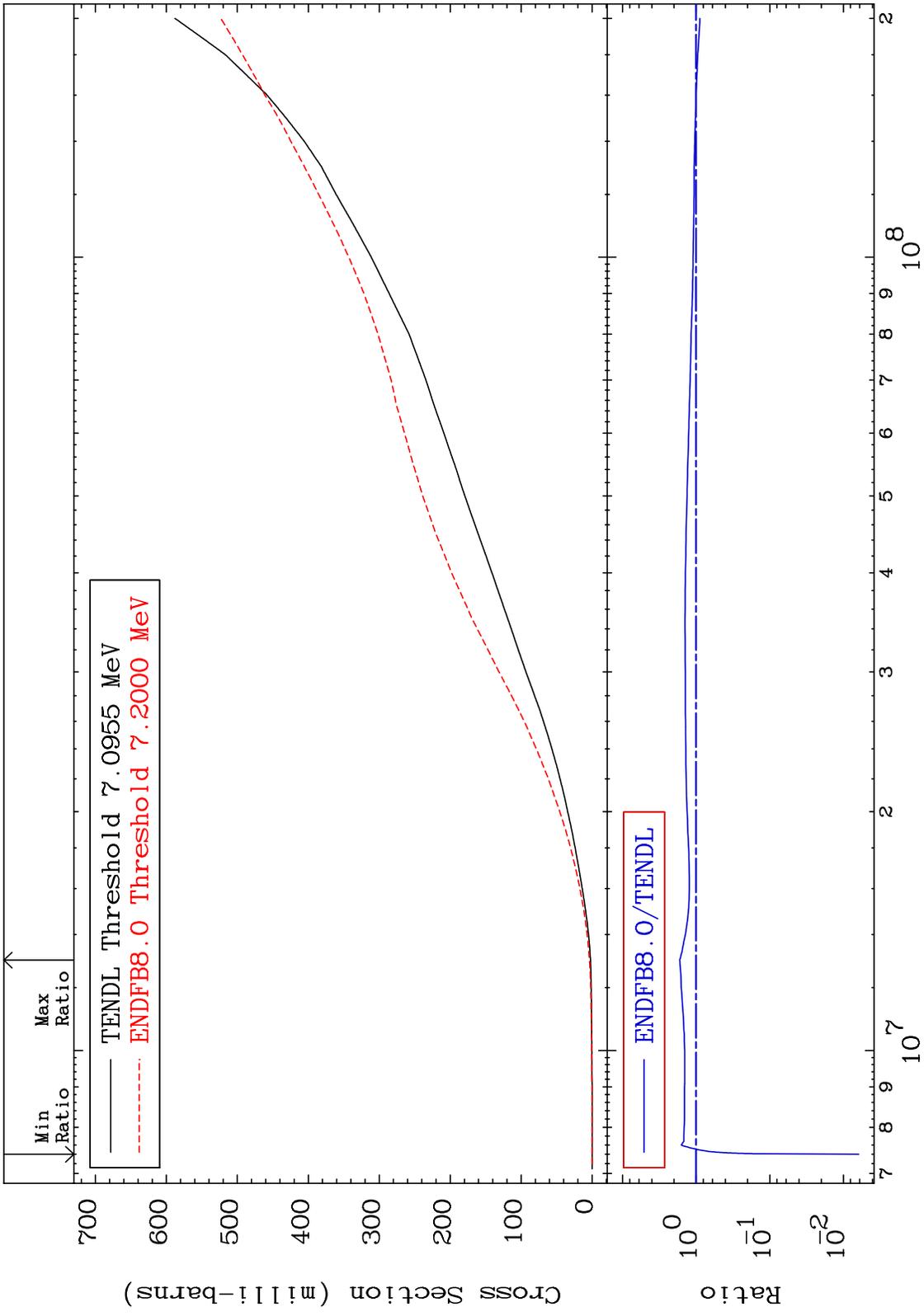
MAT 2043 (n,t) 20-Ca-46
 Cross Section -100.0 To 93.99 %



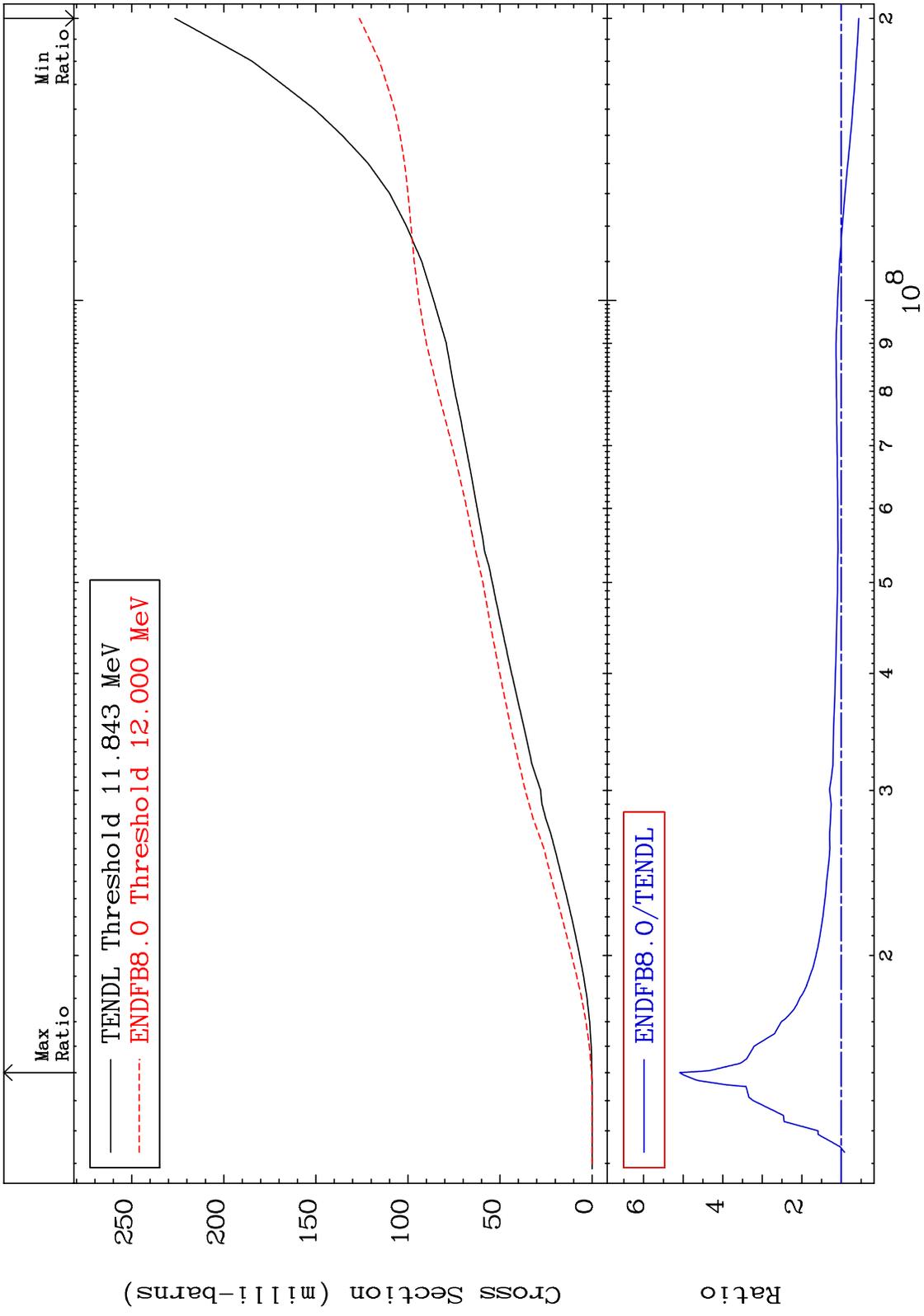
MAT 2043 (n,α) Cross Section 20-Ca-46
 -100.0 To 3.291 %



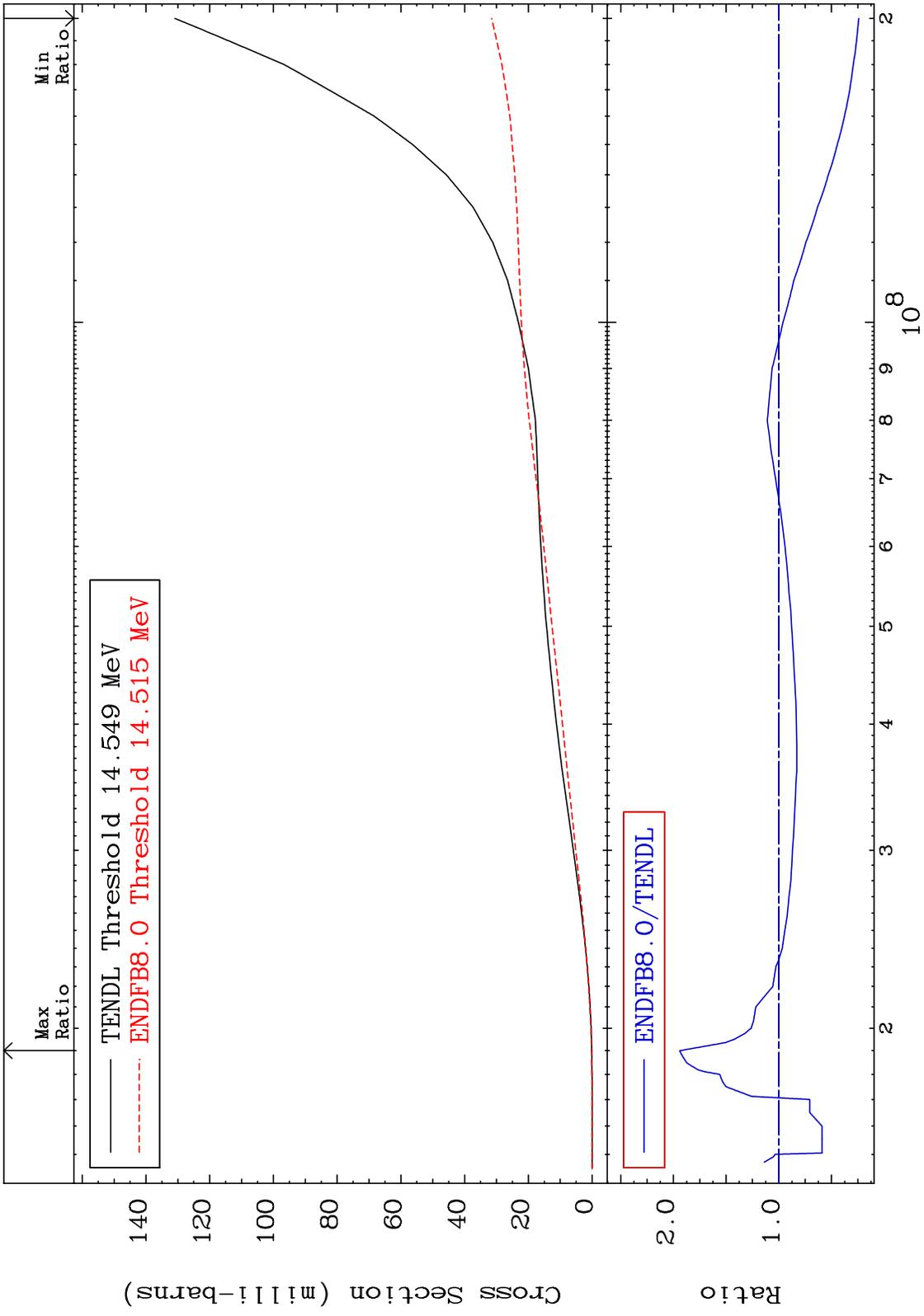
MAT 2043 Hydrogen Production Cross Section 20-Ca-46 -99.38 To 67.26 %



MAT 2043 Deuterium Production Cross Section 20-Ca-46 -44.22 To 408.6 %



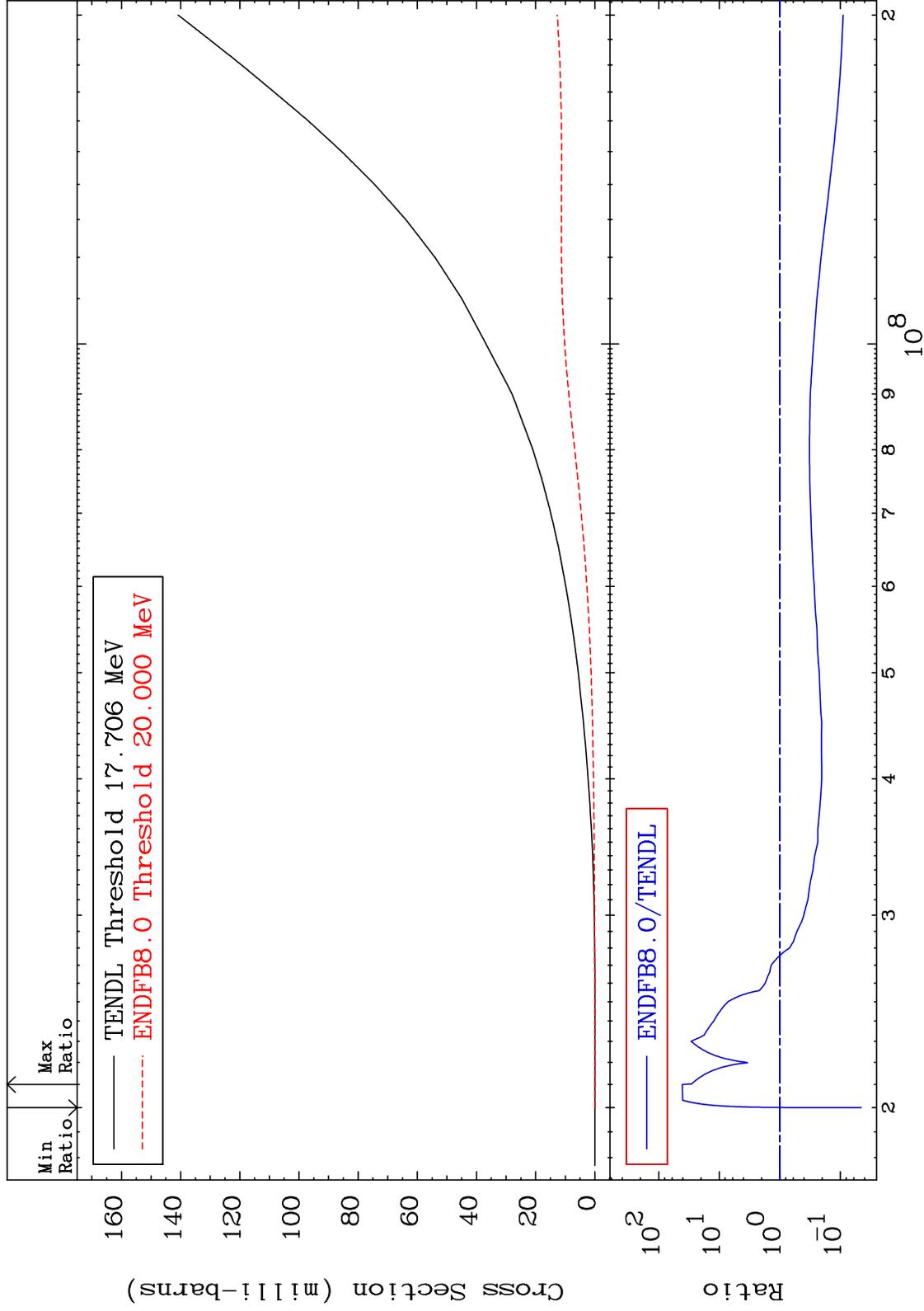
MAT 2043 Tritium Production Cross Section 20-Ca-46
 -75.93 To 93.99 %



MAT 2043

He-3 Production
Cross Section

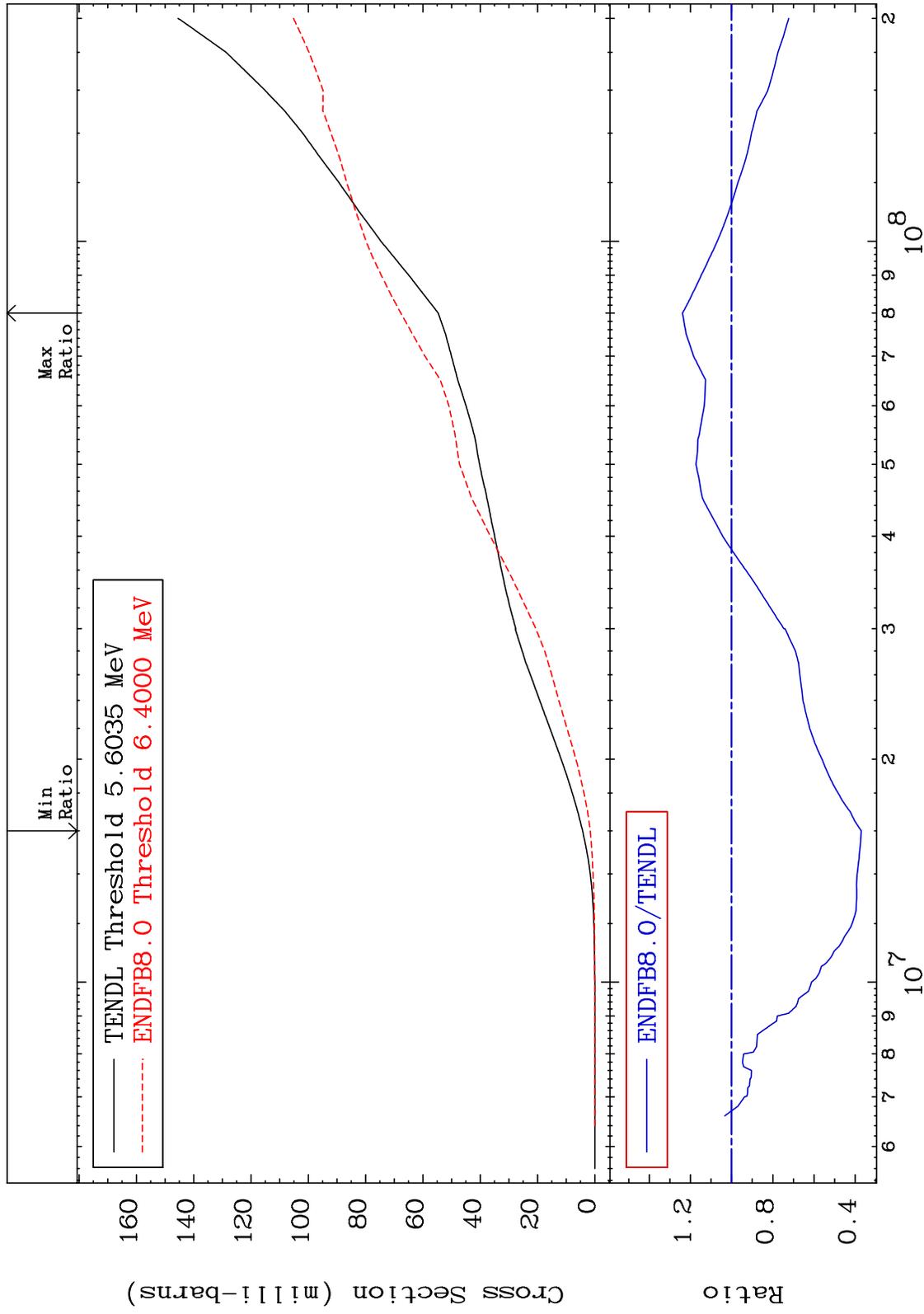
20-Ca-46
-95.49 To 3953. %



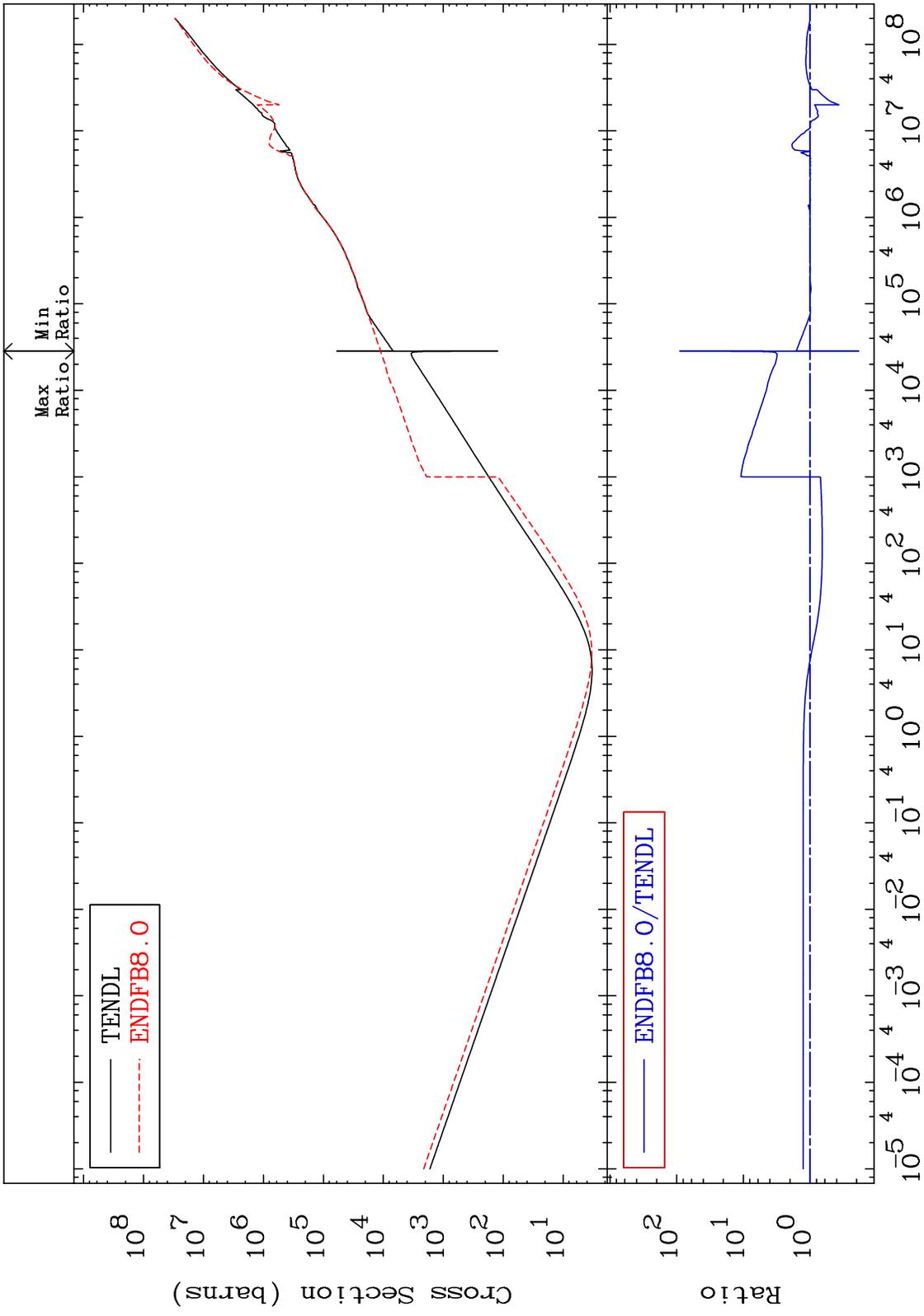
MAT 2043

He-4 Production
Cross Section

20-Ca-46
-63.01 To 23.92 %



MAT 2043 Kerma total (eV-barns) Cross Section 20-Ca-46 -81.44 To 8895. %

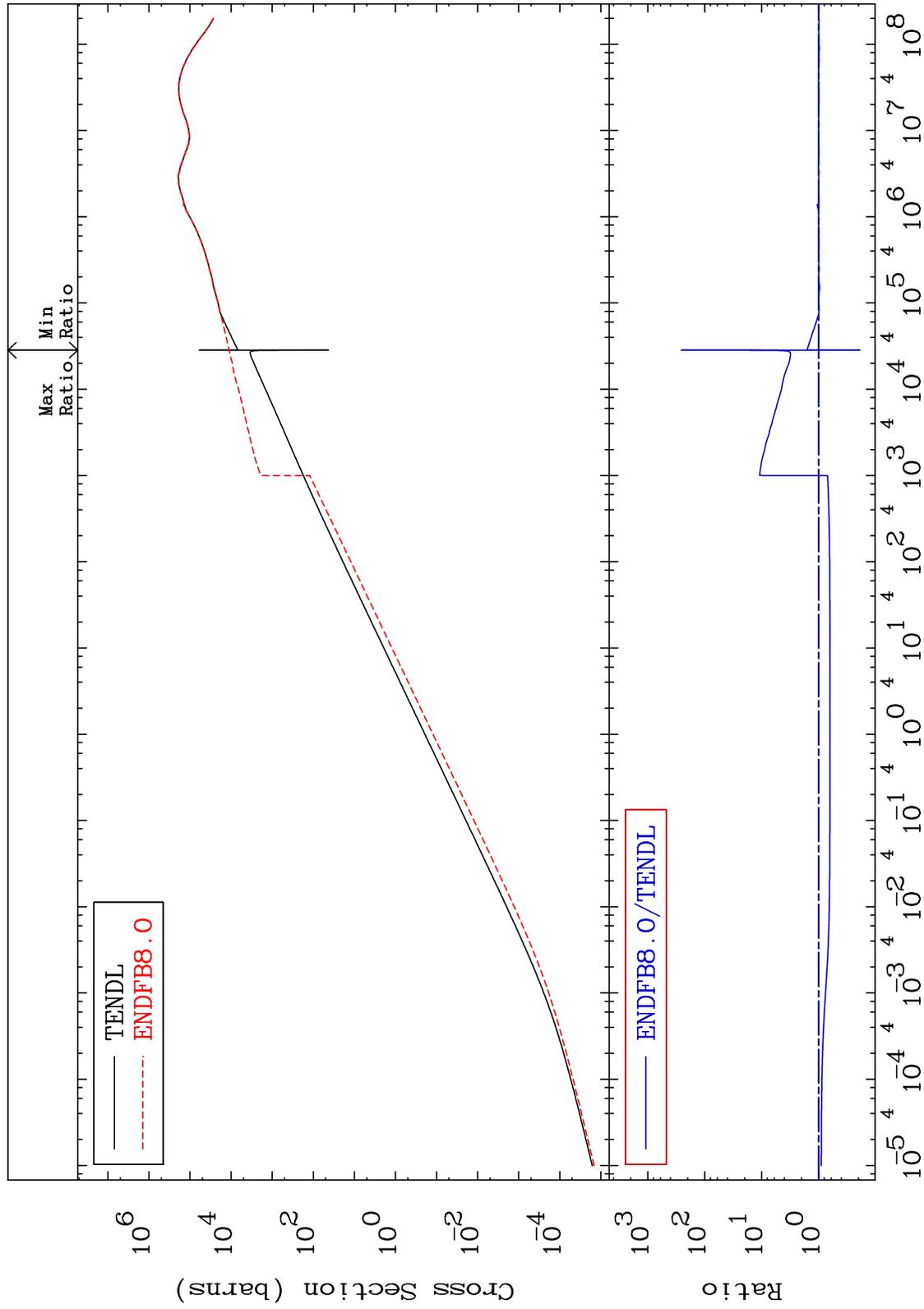


40 20-Ca-46

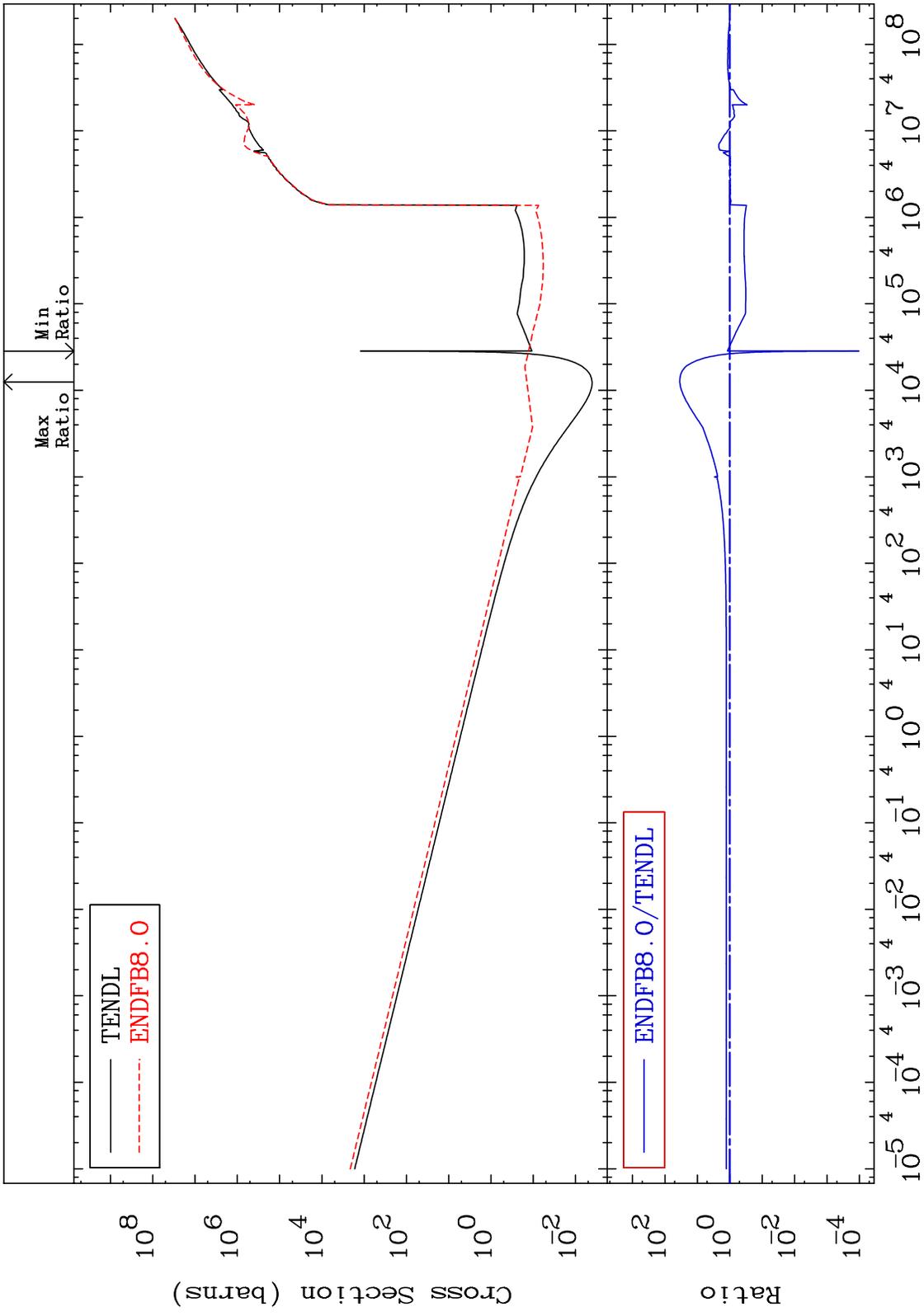
MAT 2043

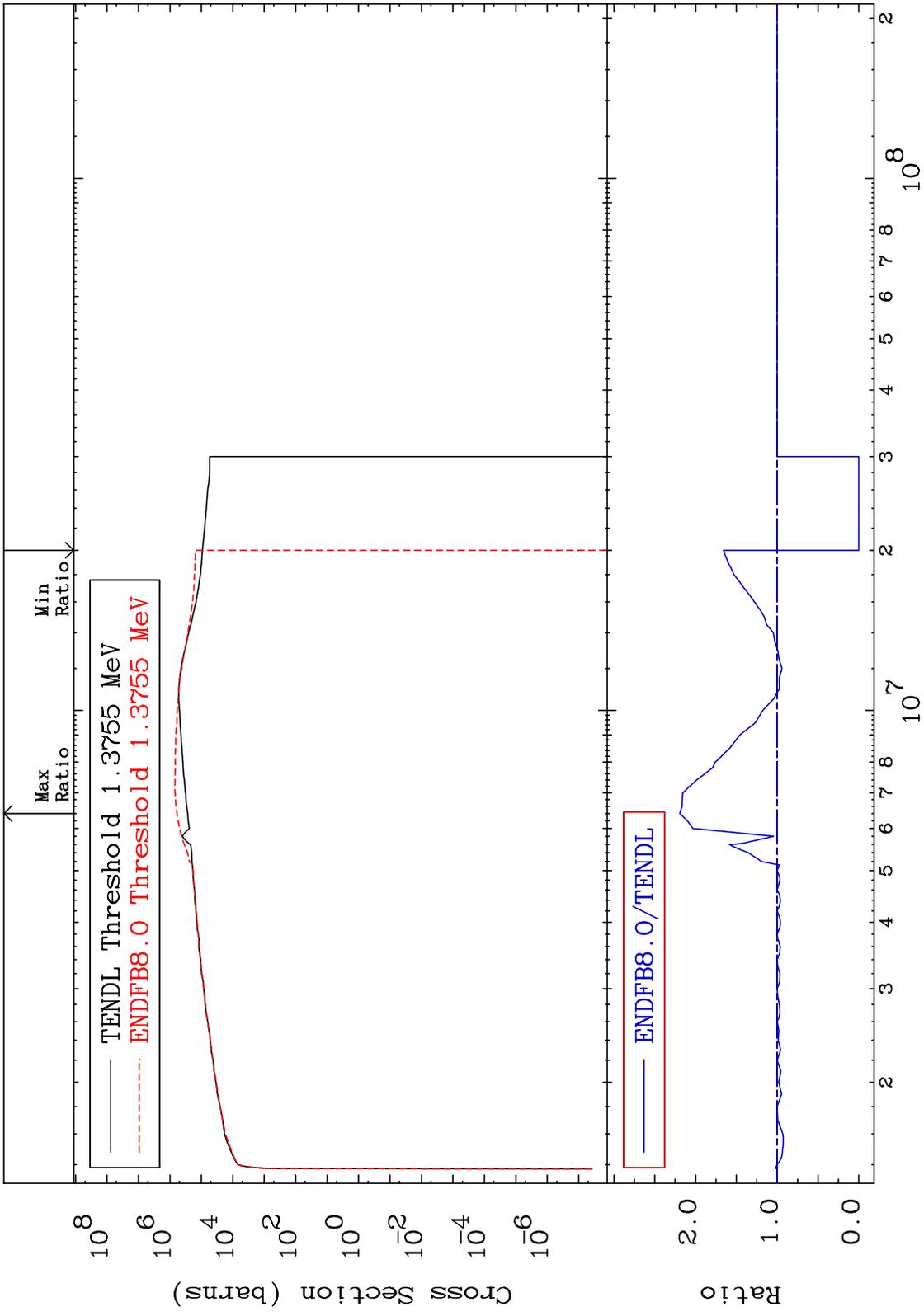
Kerma elastic
Cross Section

20-Ca-46
-81.08 To 9999. %



MAT 2043 Kerma non-elastic (all but mt2) 20-Ca-46
 Cross Section -99.99 To 3391. %

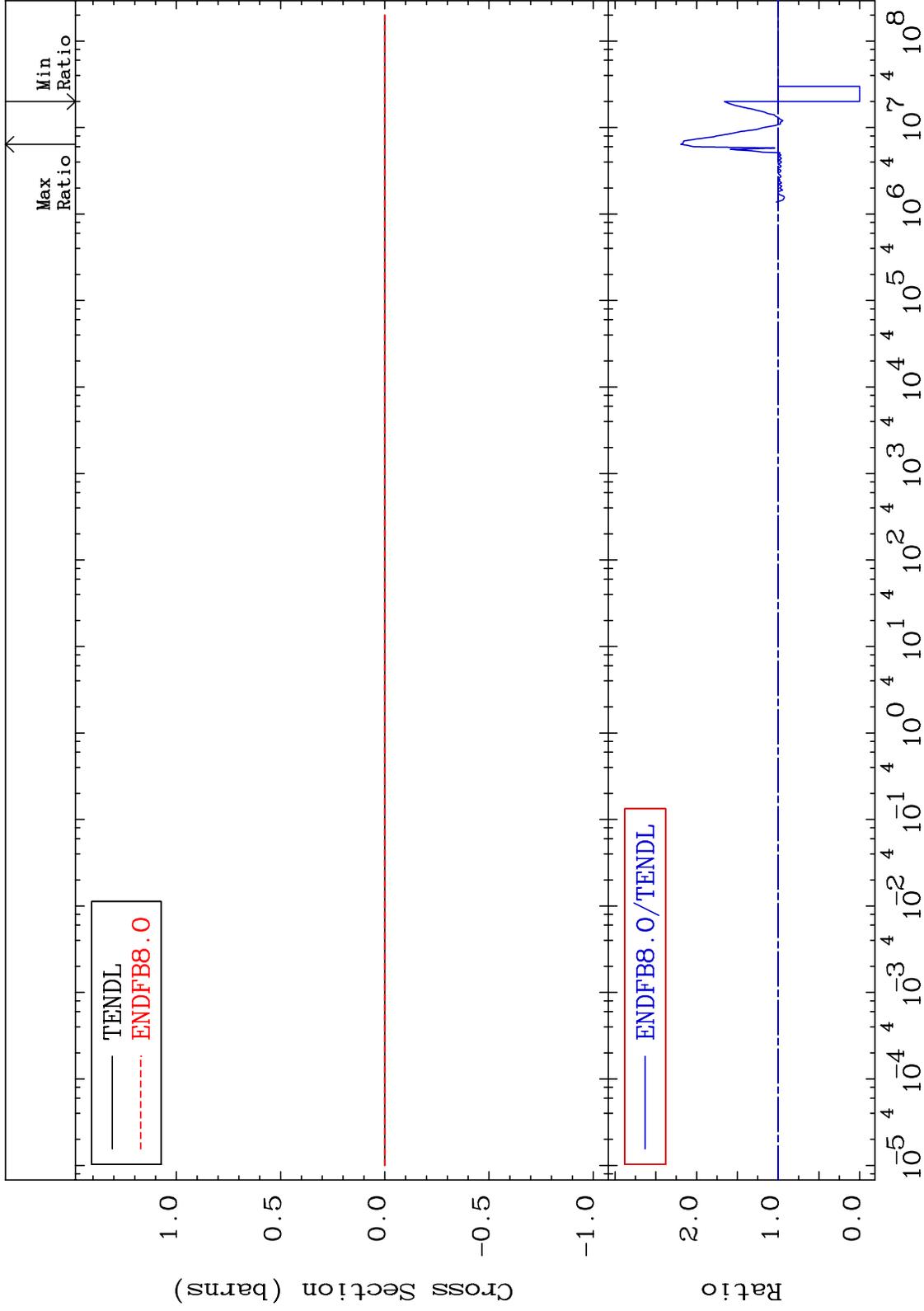




MAT 2043

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

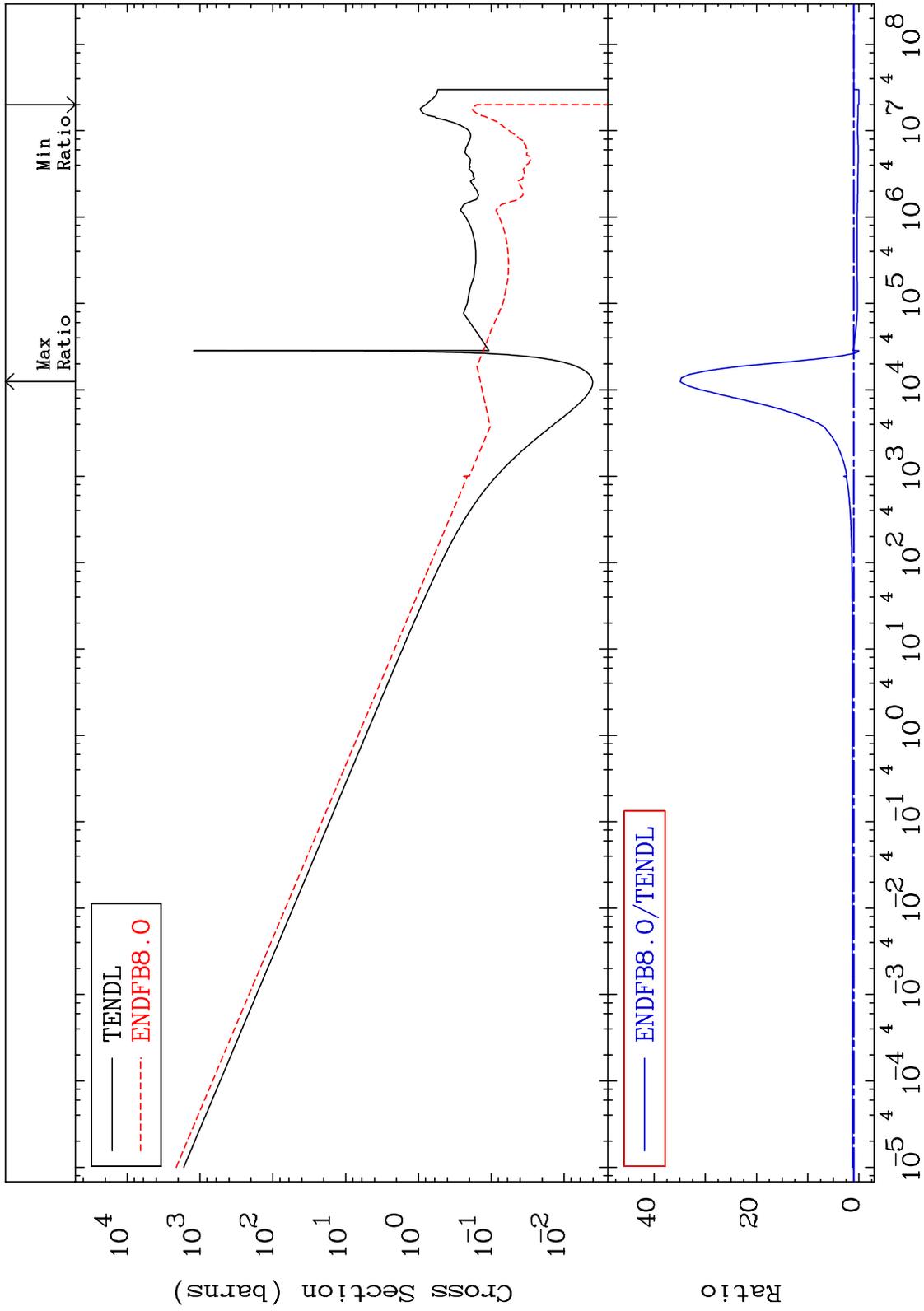
20-Ca-46
-100.0 To 119.4 %



MAT 2043

Kerma capture (mt102)
Cross Section

20-Ca-46
-100.0 To 3391. %

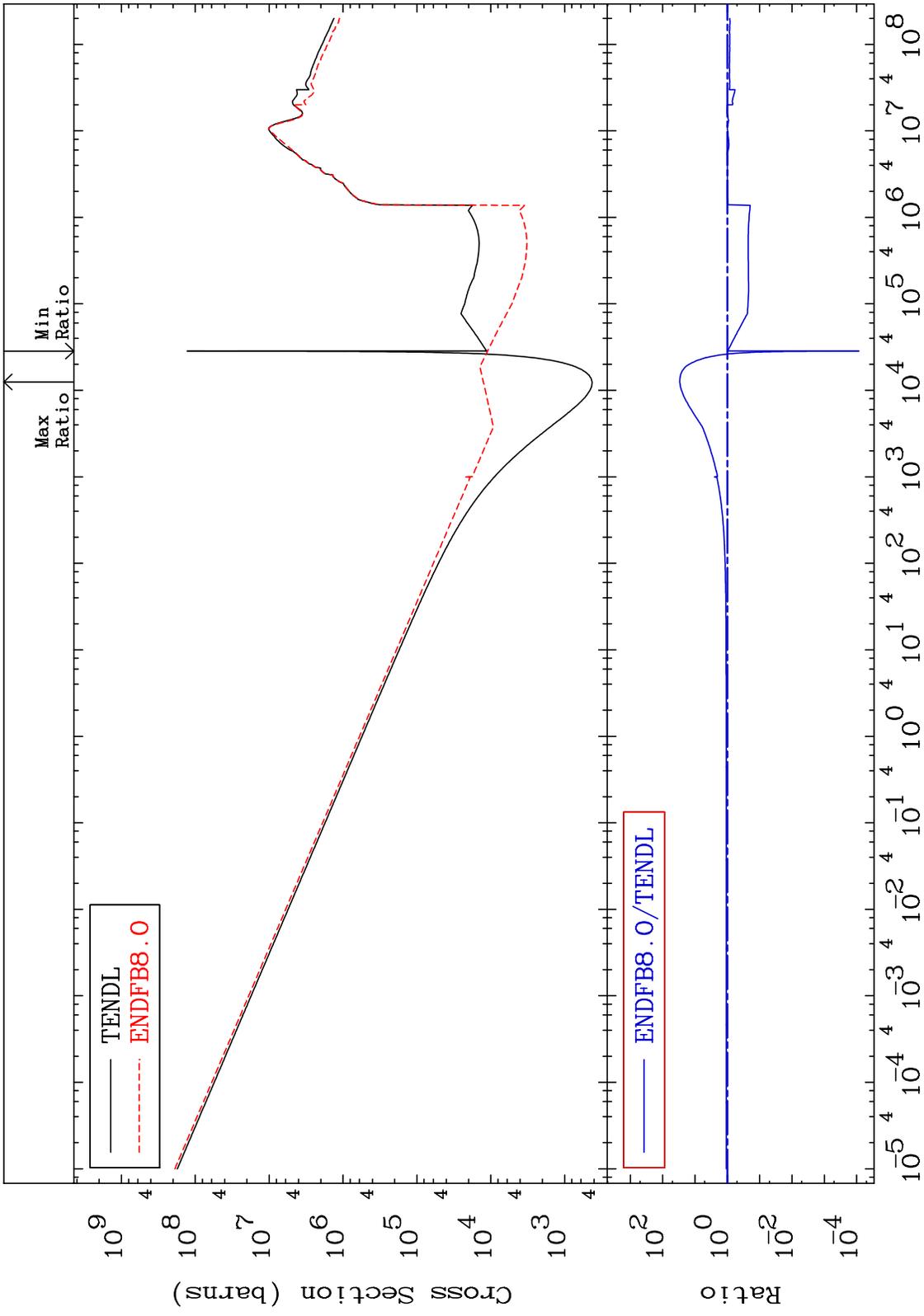


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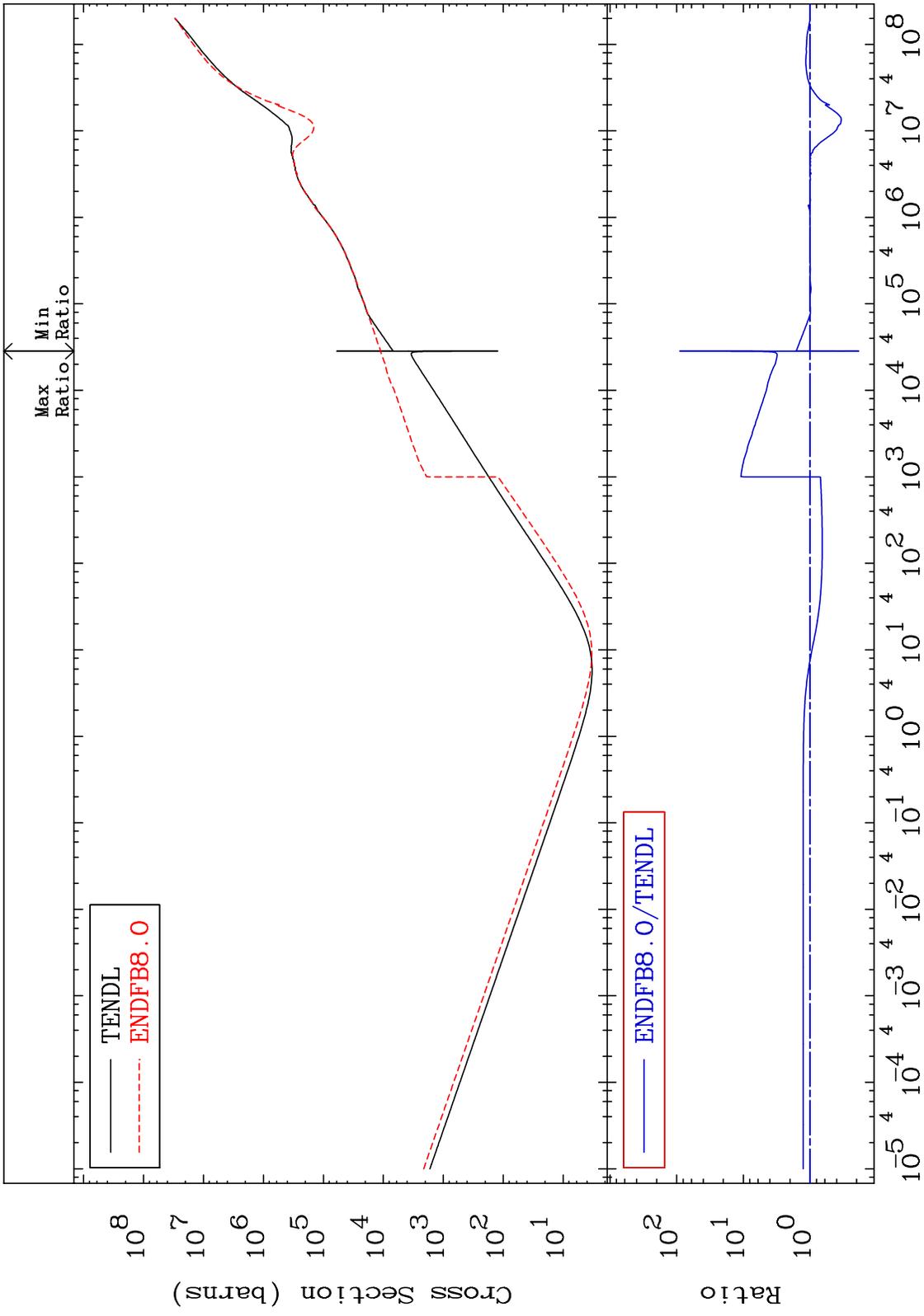
Incident Energy (eV)

20-Ca-46

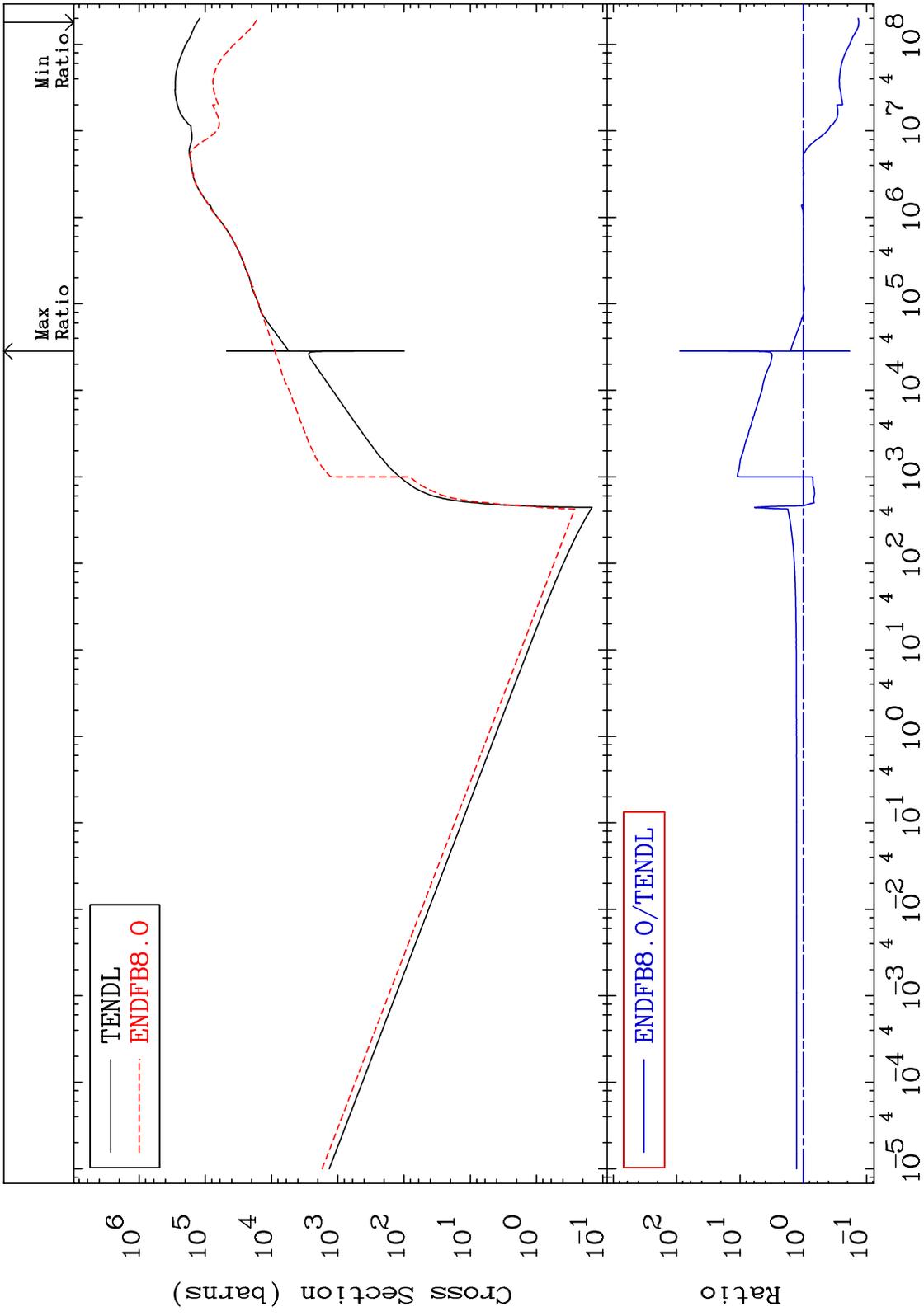
MAT 2043 Total photon (eV-barns) Cross Section 20-Ca-46 -99.99 To 2860. %



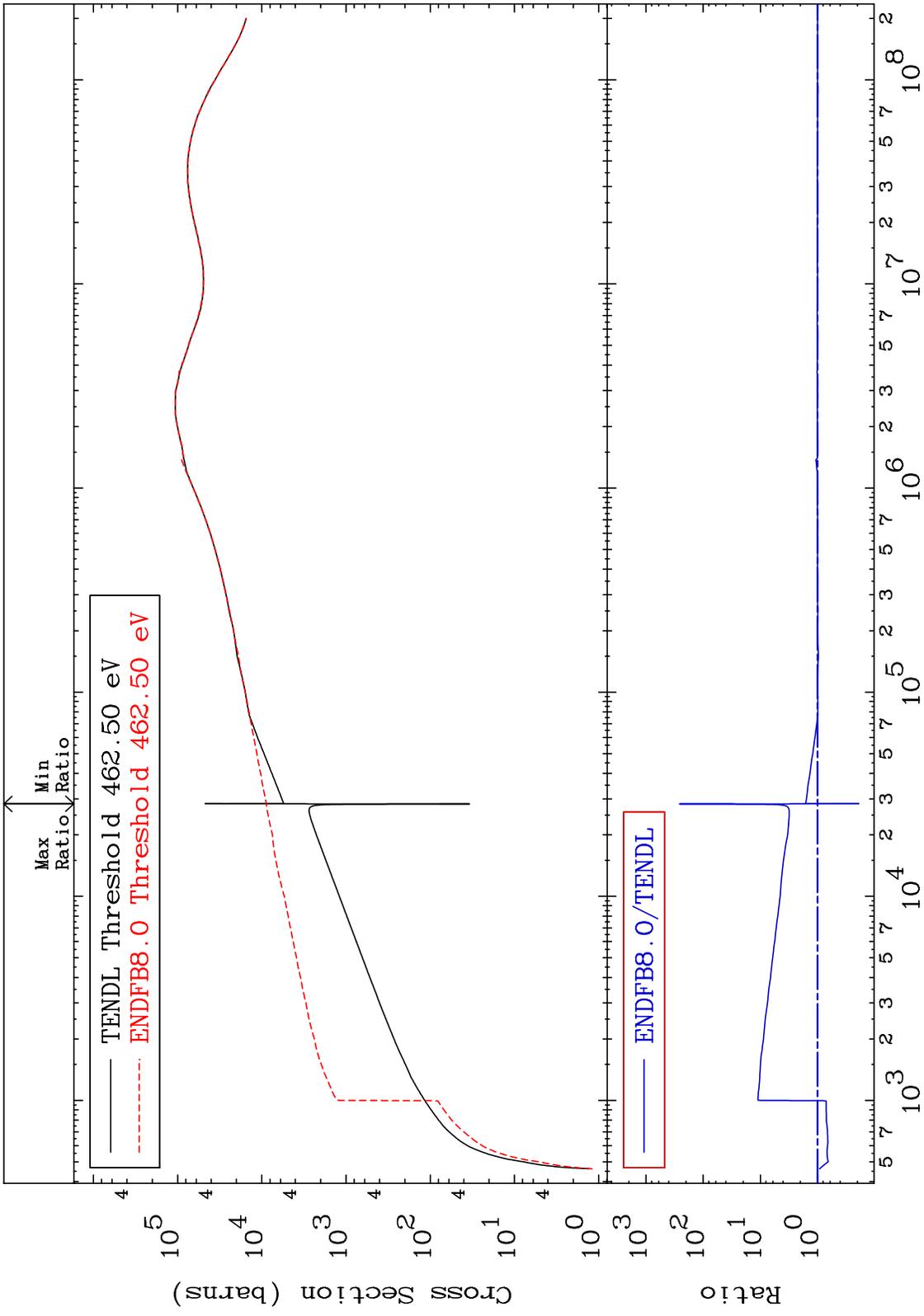
MAT 2043 Total kinematic kerma (high limit) 20-Ca-46
 Cross Section -81.44 To 8895. %



MAT 2043 Dpa total (eV-barns) 20-Ca-46
 Cross Section -86.71 To 8847. %



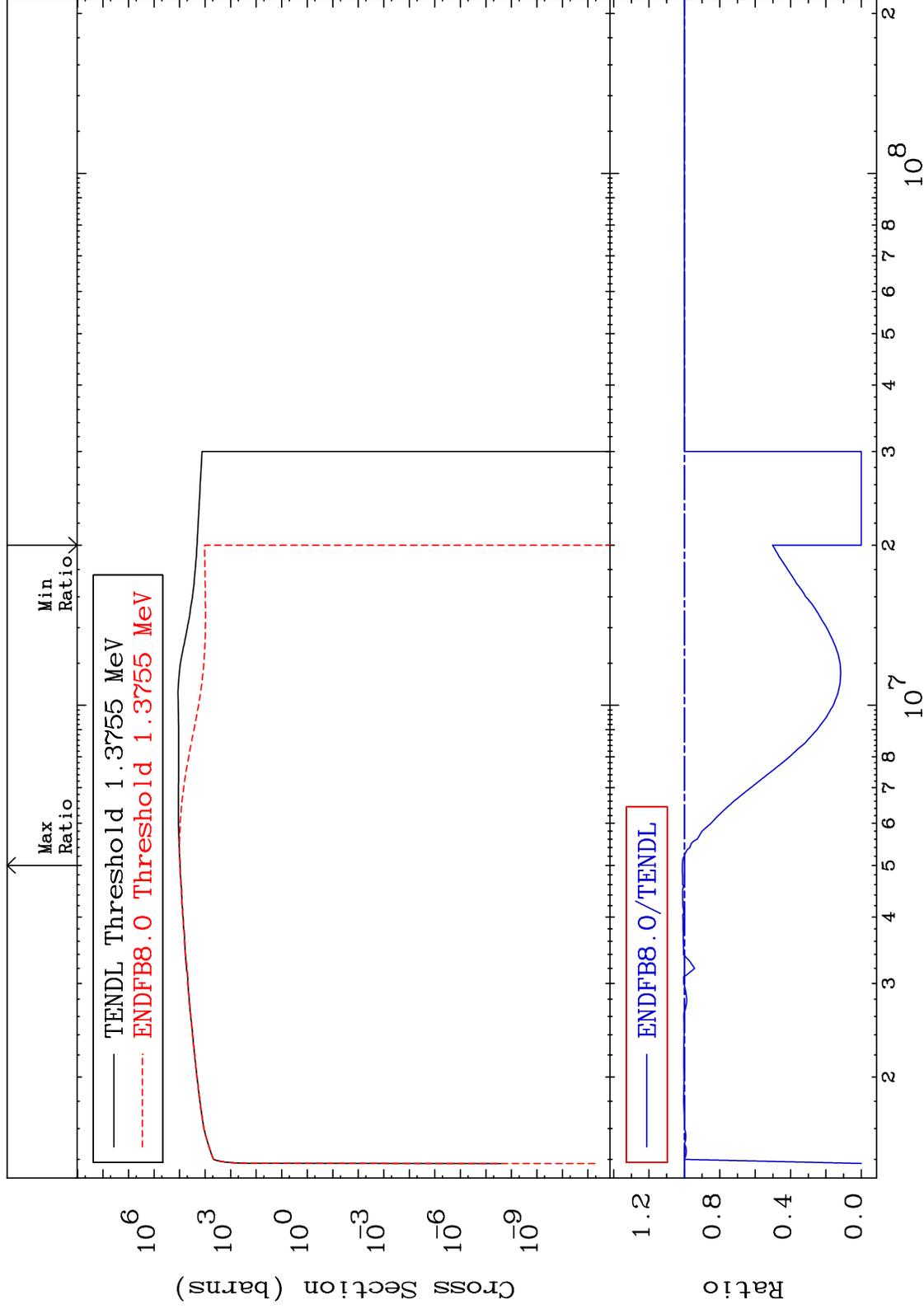
MAT 2043 Dpa elastic (mt2) 20-Ca-46
 Cross Section -81.08 To 9999. %



MAT 2043

Dpa inelastic (mt51-91)
Cross Section

20-Ca-46
-100.0 To 1.109 %



MAT 2043 Dpa disappearance (mt102 -120) 20-Ca-46
 Cross Section -100.0 To 3420. %

