

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

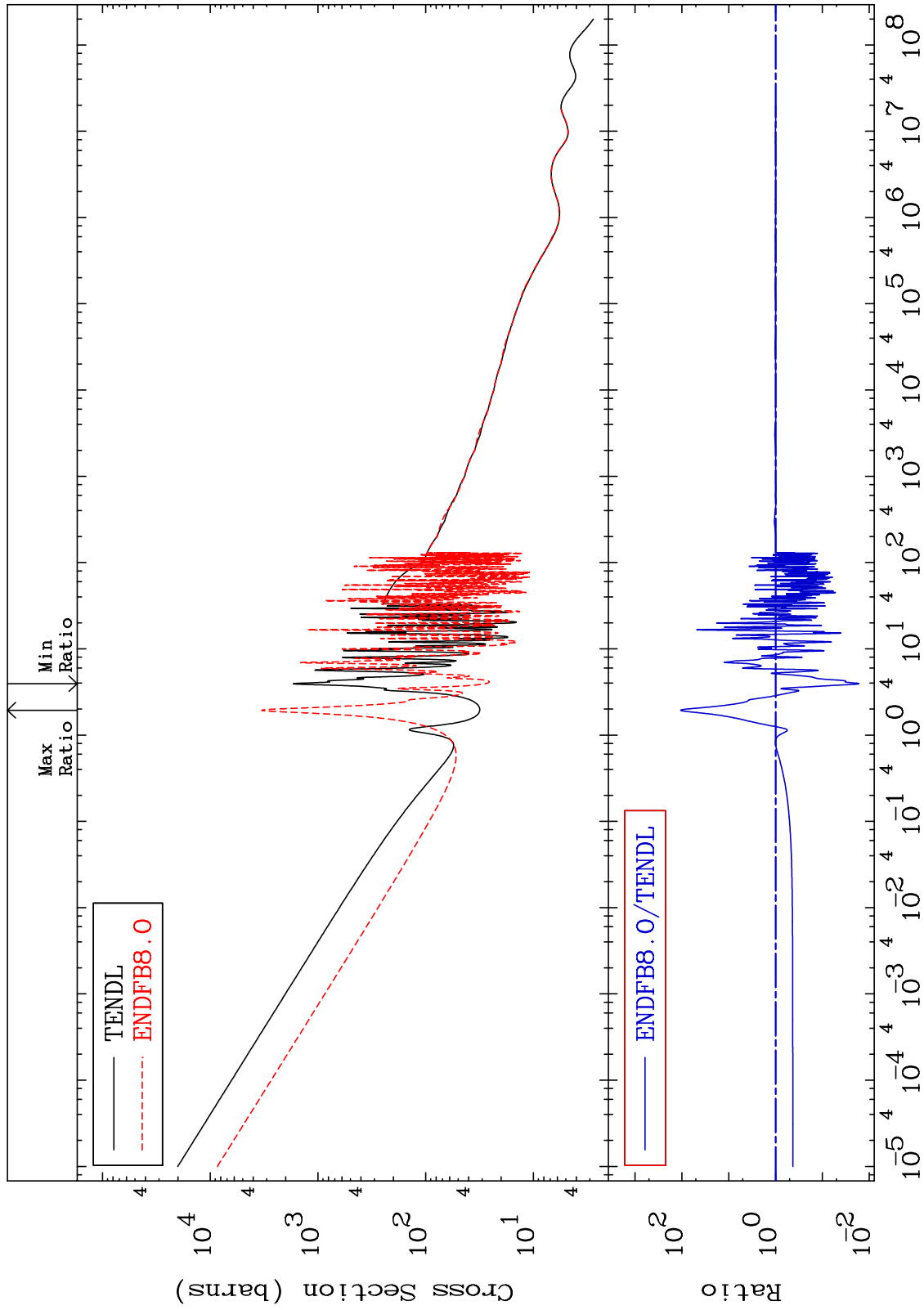
U.S.A.

Tele: 925-443-1911

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

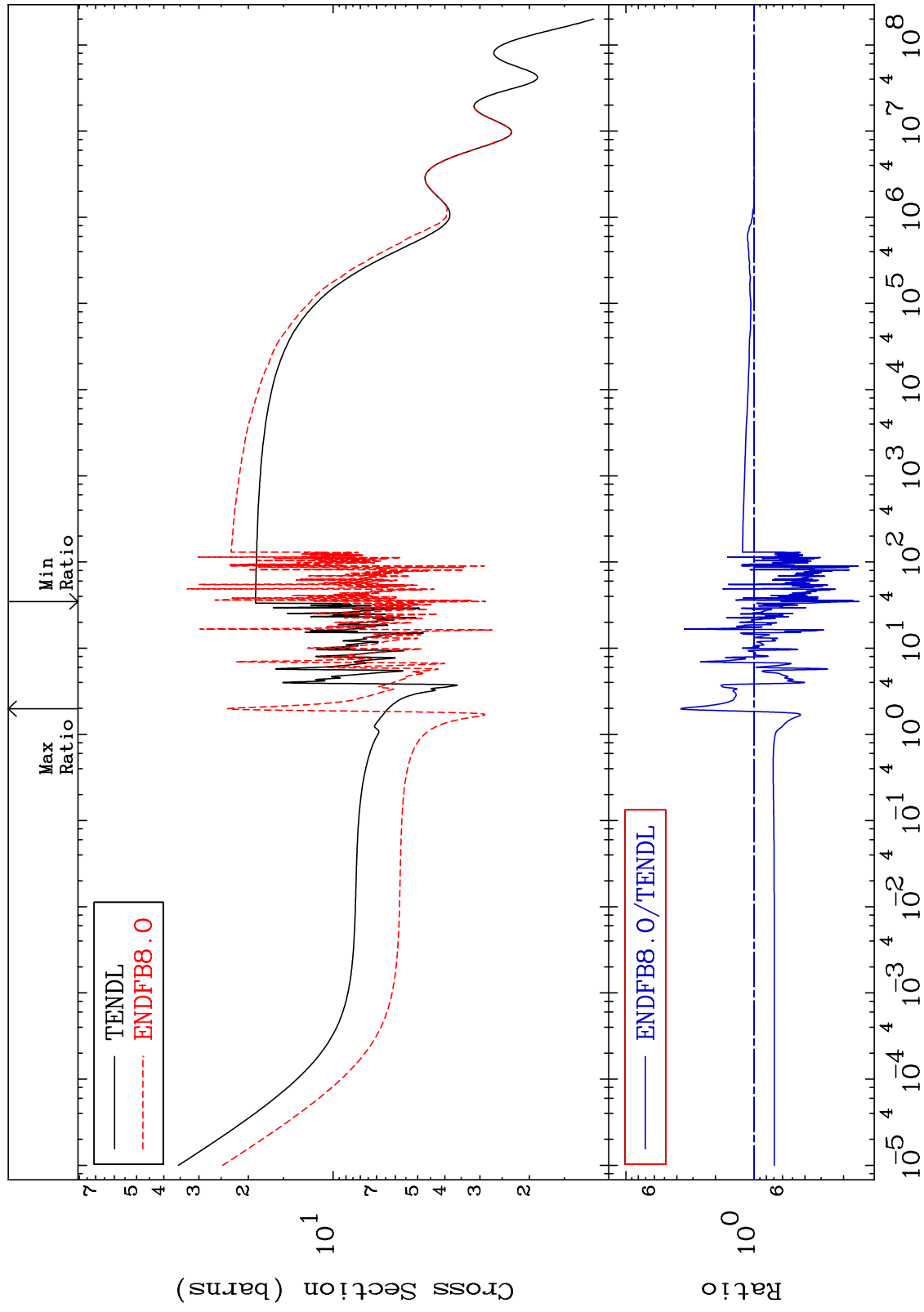
Press Mouse Button to Start

MAT 7529 Total Cross Section 75-Re-186 -98.34 To 9999. %



1 Incident Energy (eV) 75-Re-186

MAT 7529 Elastic Cross Section 75-Re-186 -84.85 To 272.7 %

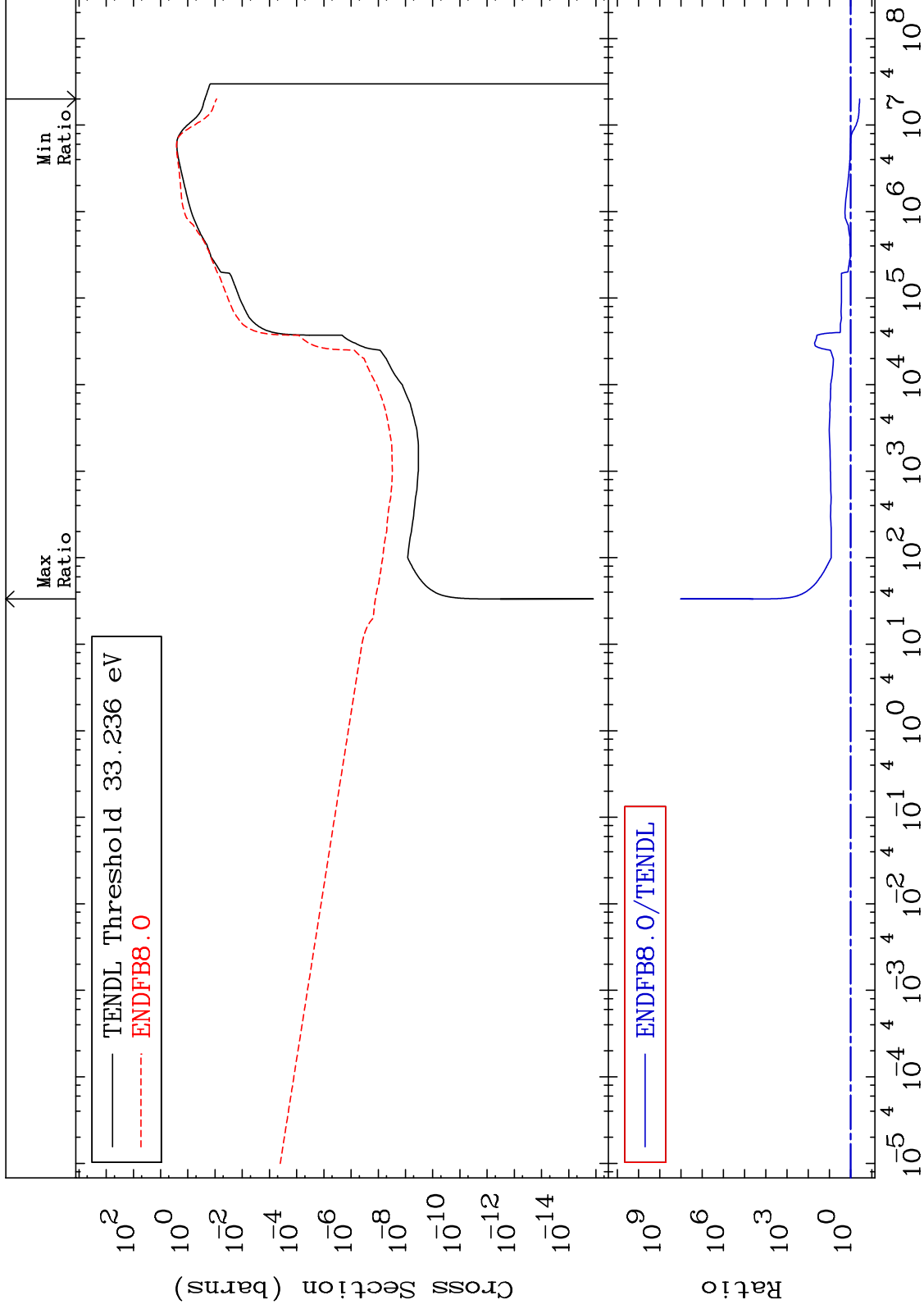


2 75-Re-186

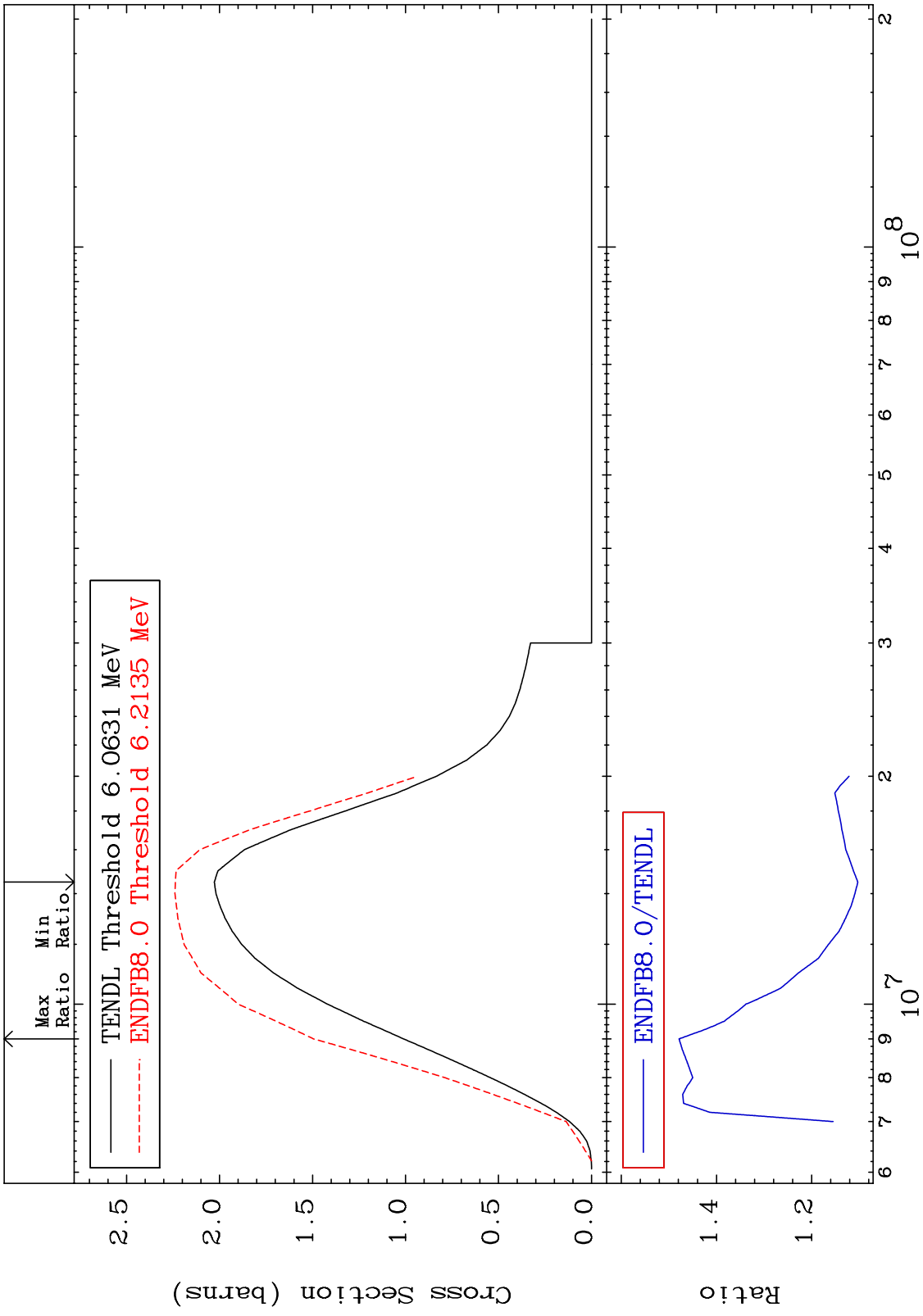
MAT 7529

Inelastic
Cross Section

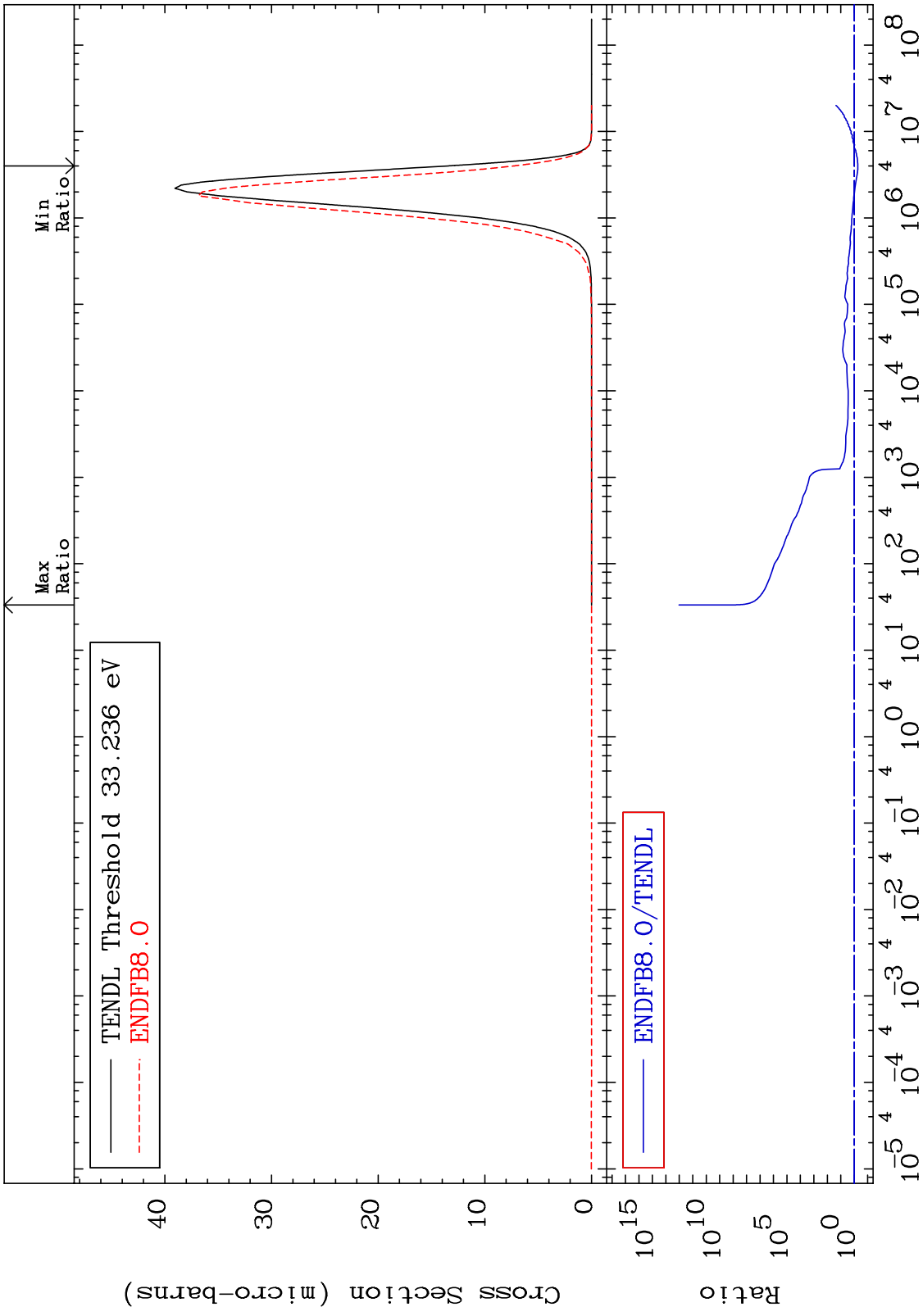
75-Re-186
-62.45 To 9999. %



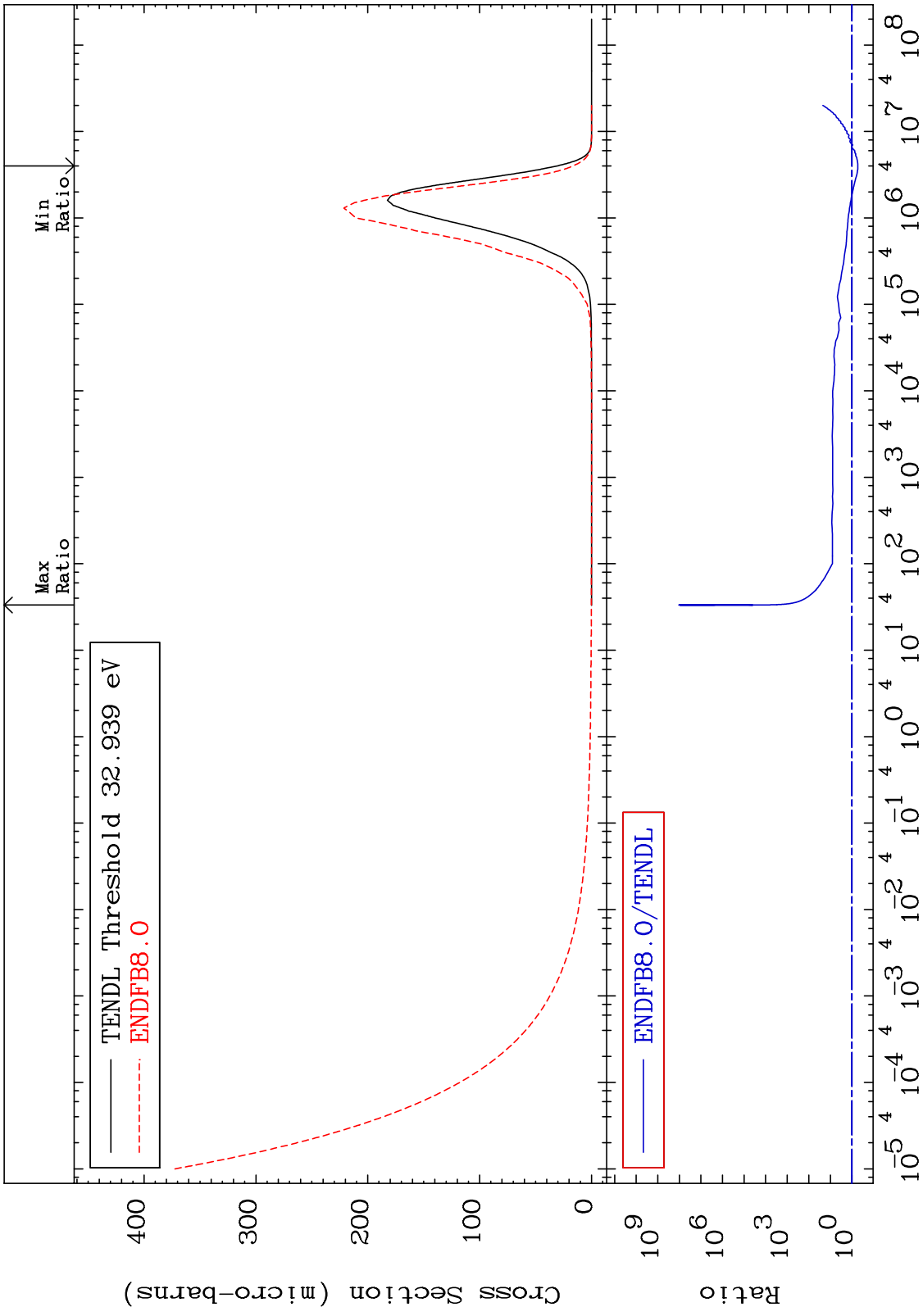
MAT 7529 $(n, 2n)$ Cross Section $^{75}\text{Re-186}$ To 47.87 %



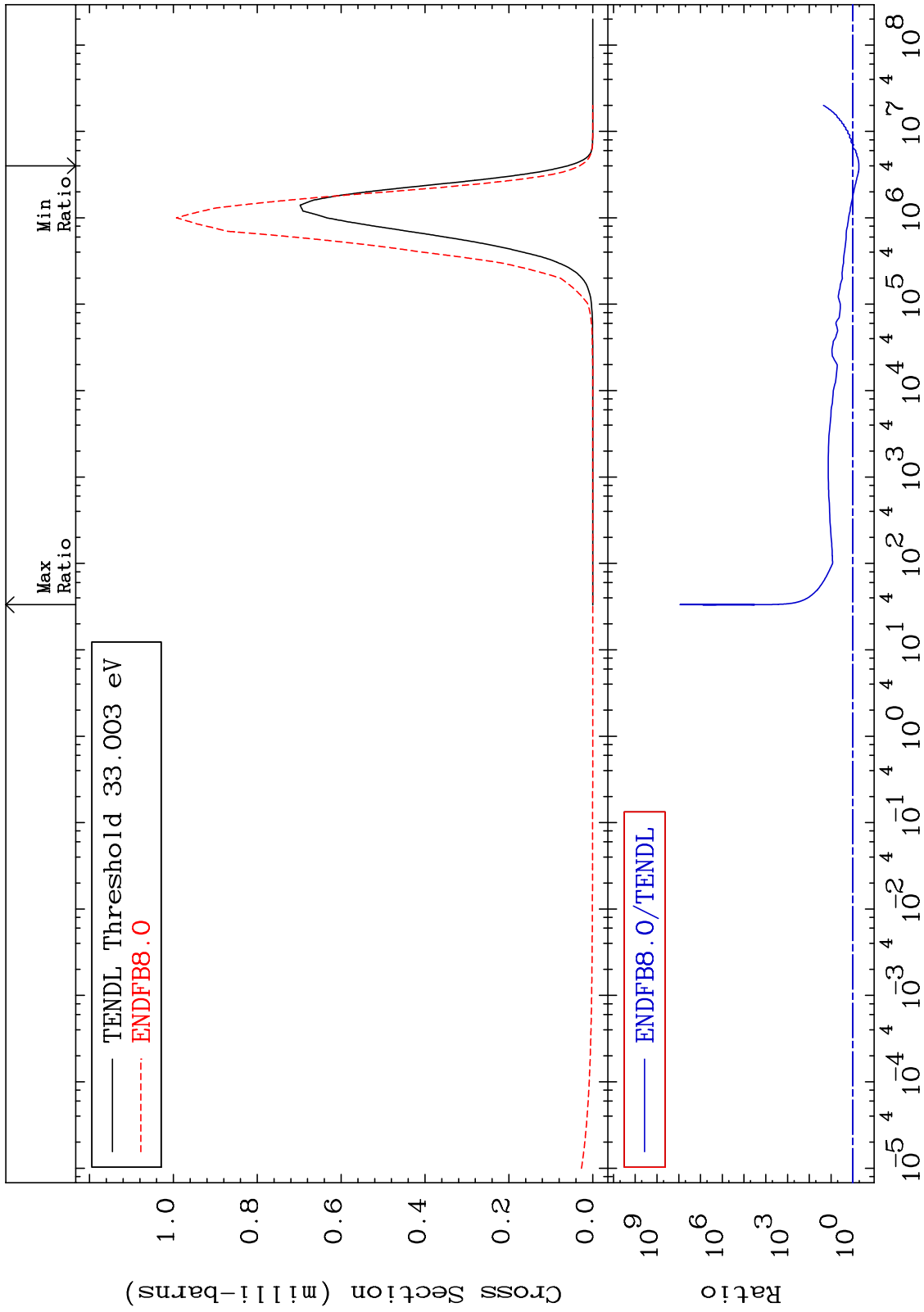
MAT 7529 MT= 51 (n,n') Level 75-Re-186
 Cross Section -46.06 To 9999. %



MAT 7529 MT= 52 (n,n') Level Cross Section 75-Re-186
 -46.76 To 9999. %

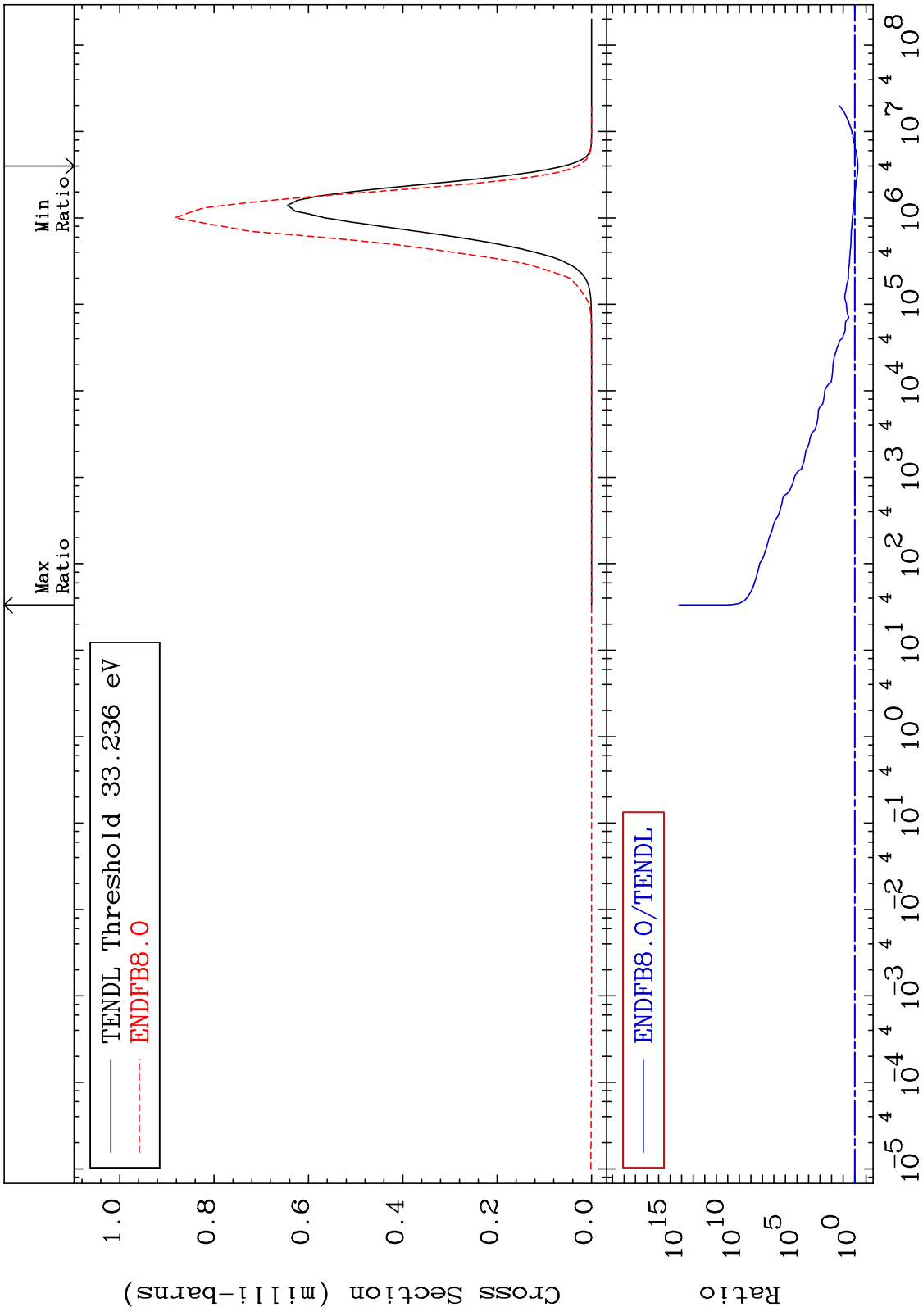


MAT 7529 MT= 53 (n, n') Level Cross Section 75-Re-186
 -47.40 To 9999. %

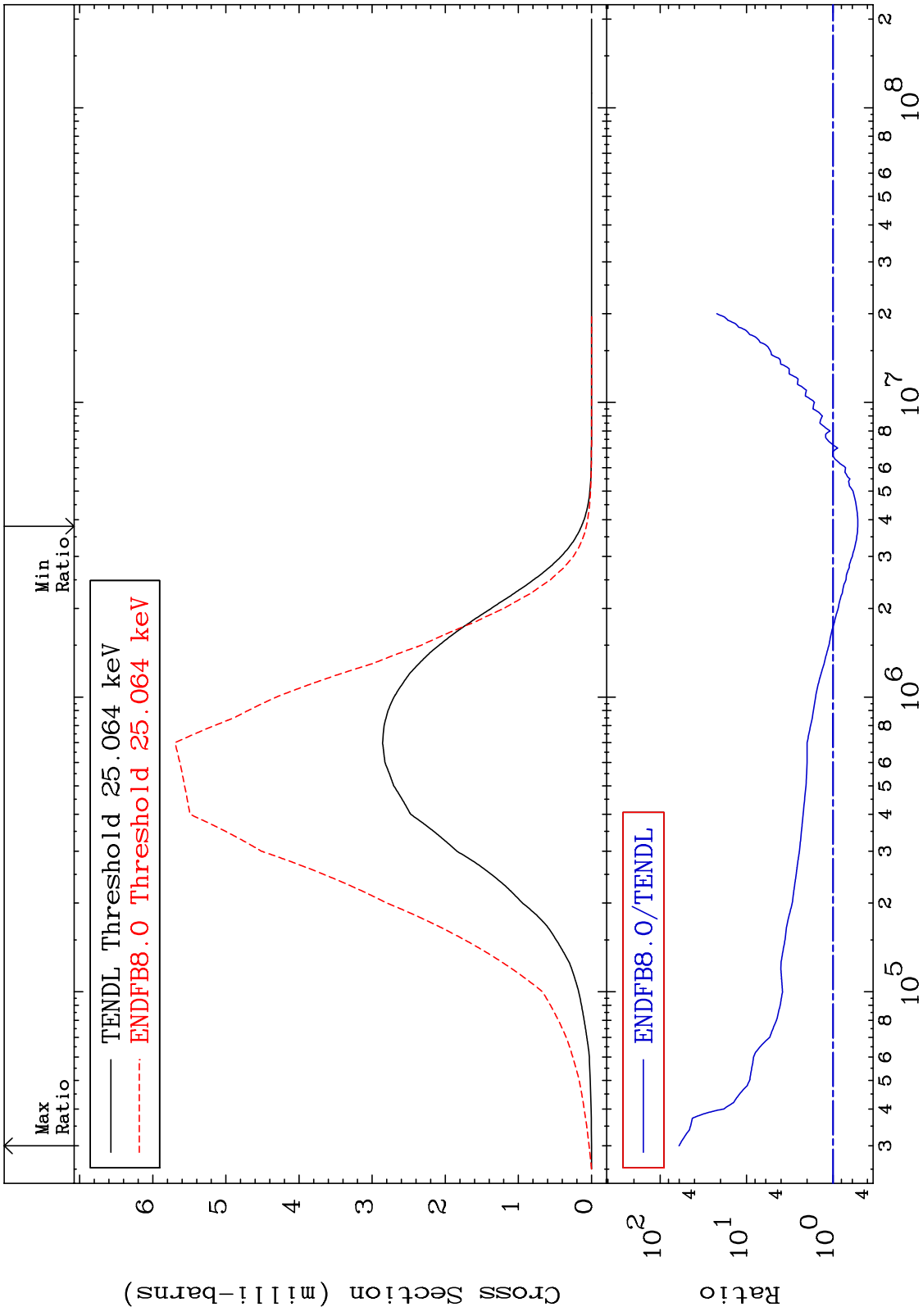


7 75-Re-186

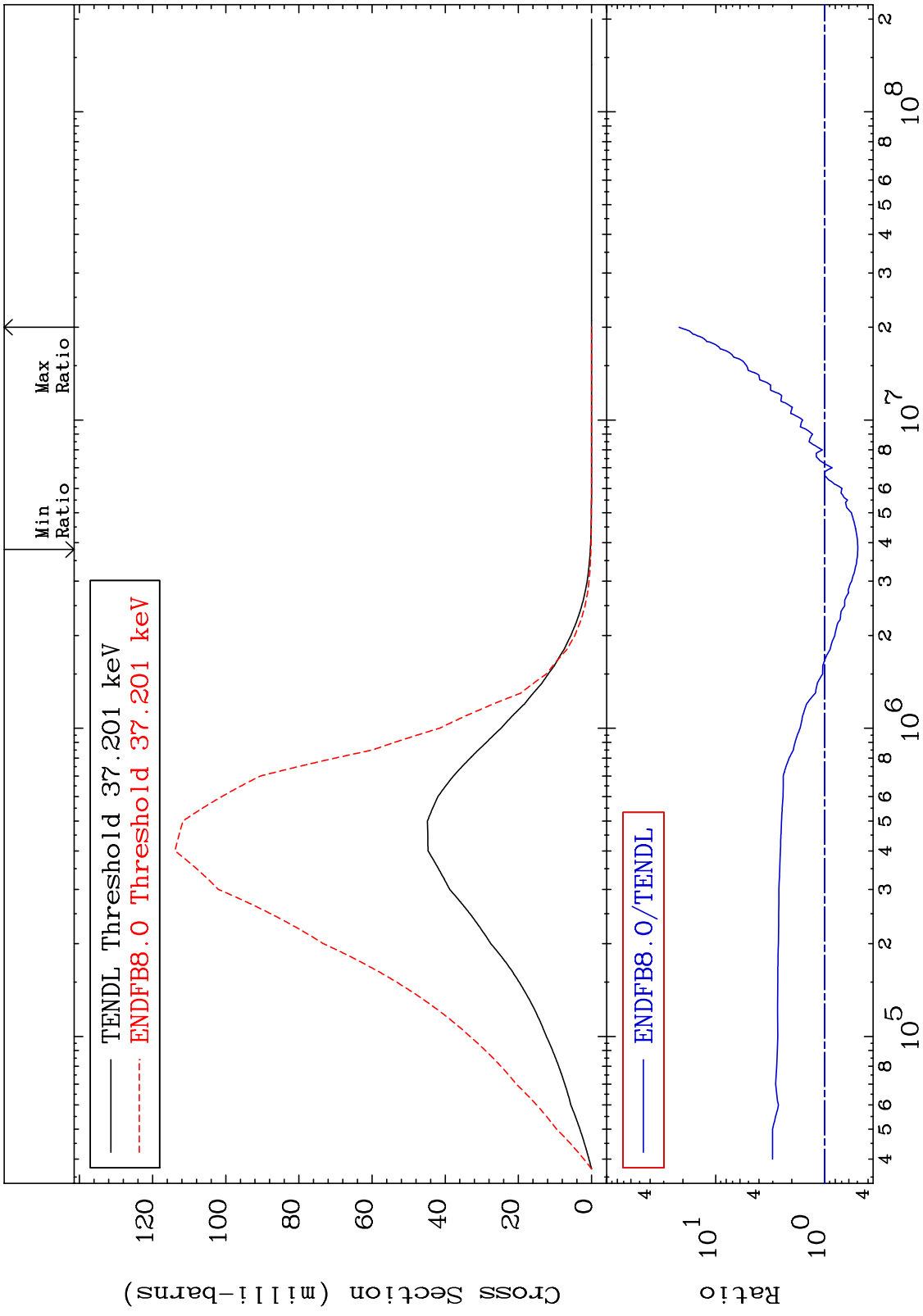
MAT 7529 MT= 54 (n,n') Level Cross Section 75-Re-186
 -47.36 To 9999. %



MAT 7529 MT= 55 (n,n') Level Cross Section 75-Re-186 -48.25 To 5935. %

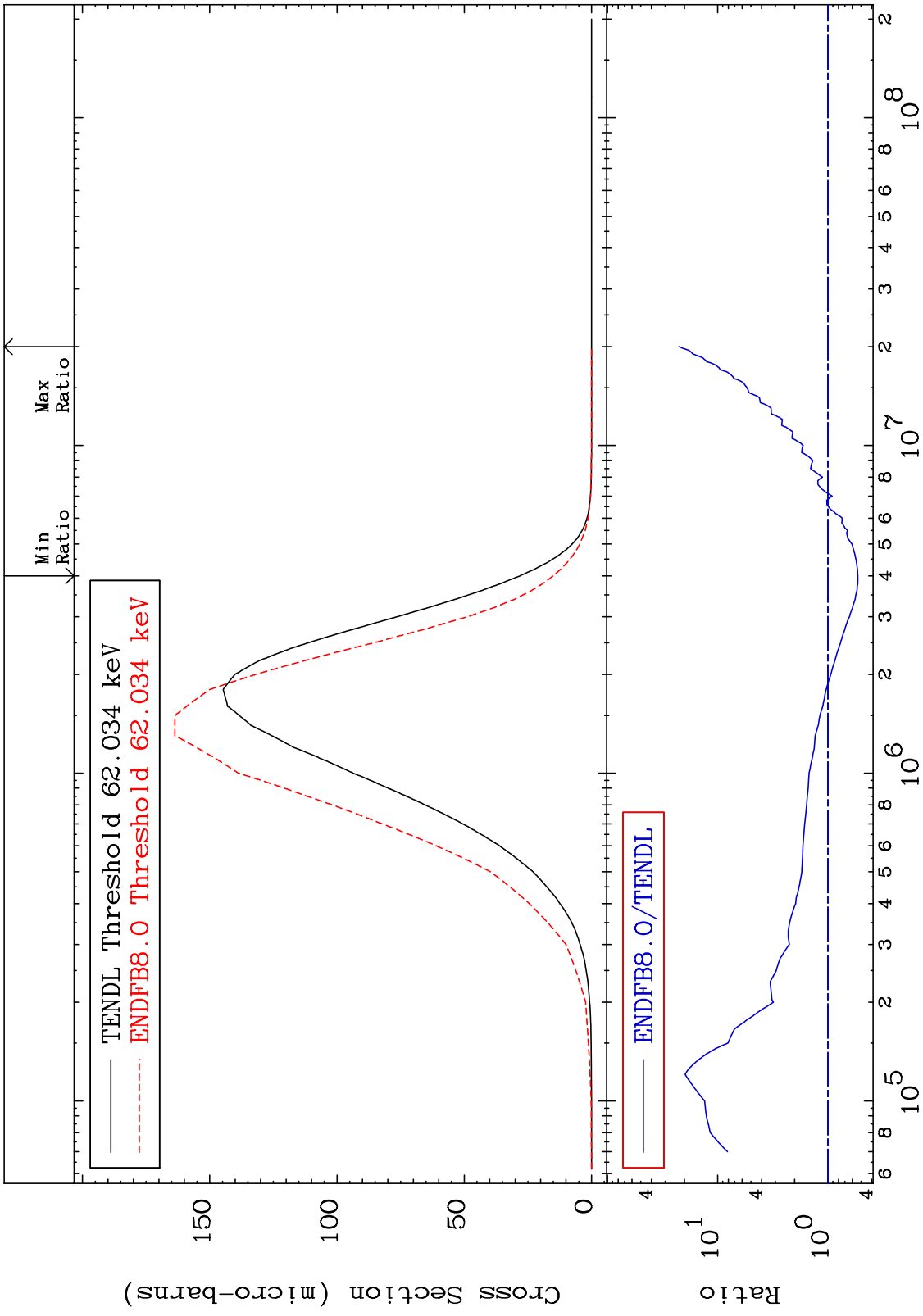


MAT 7529 MT= 56 (n,n') Level Cross Section 75-Re-186
 -50.44 To 2071. %

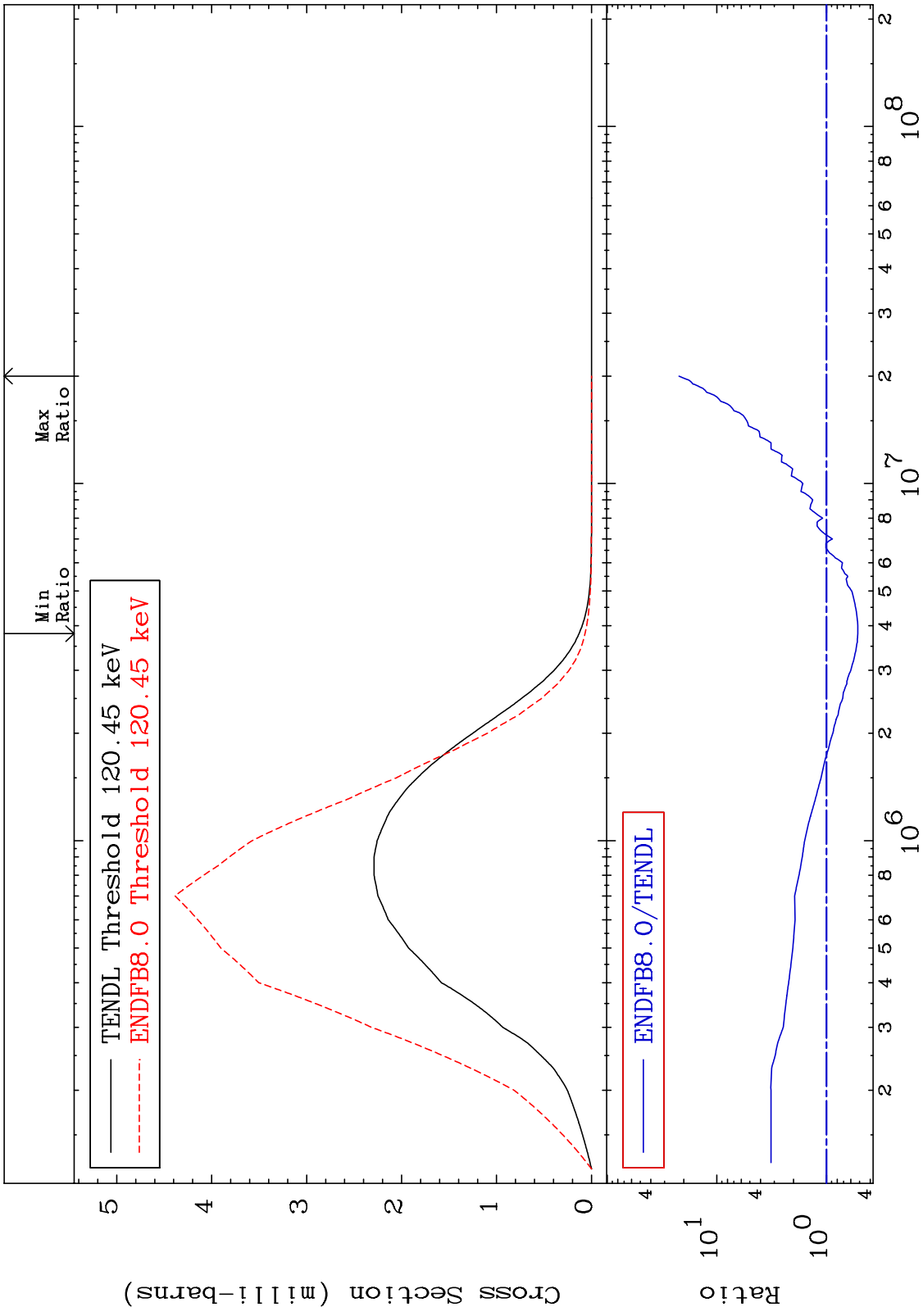


10 Incident Energy (eV) 75-Re-186

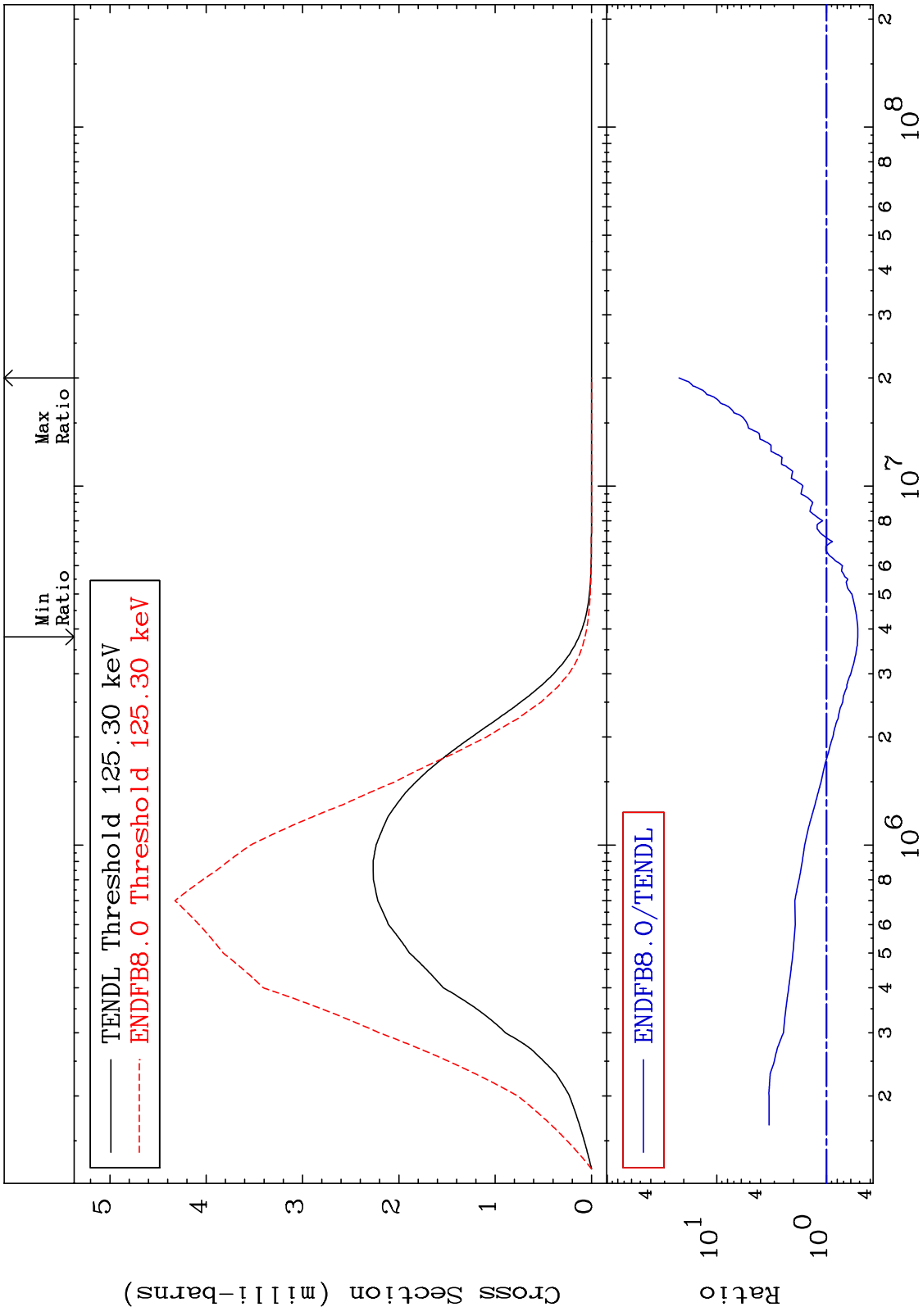
MAT 7529 MT= 57 (n,n') Level Cross Section 75-Re-186 -46.53 To 2143. %



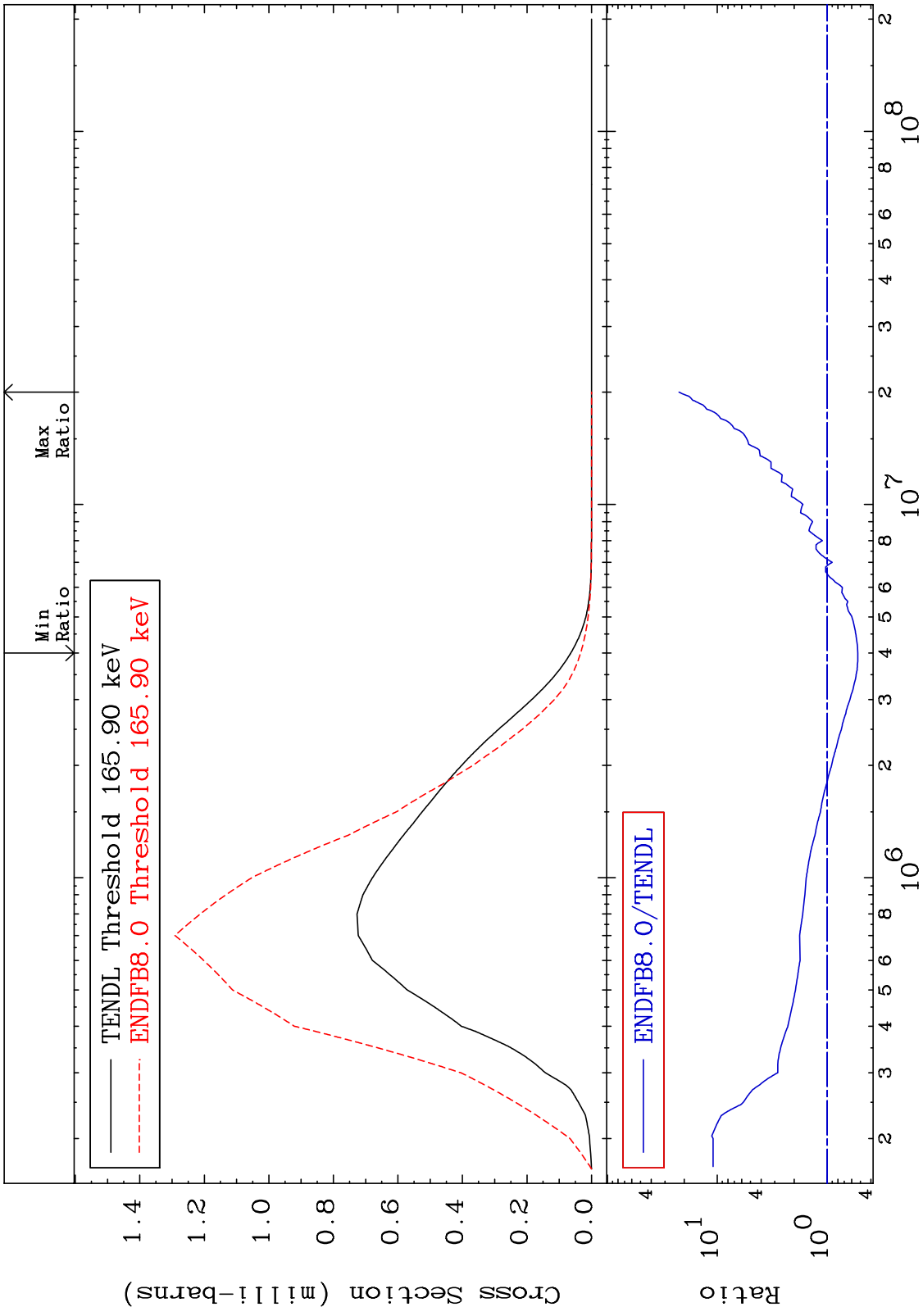
MAT 7529 MT= 58 (n,n') Level Cross Section 75-Re-186
 -48.14 To 2113. %



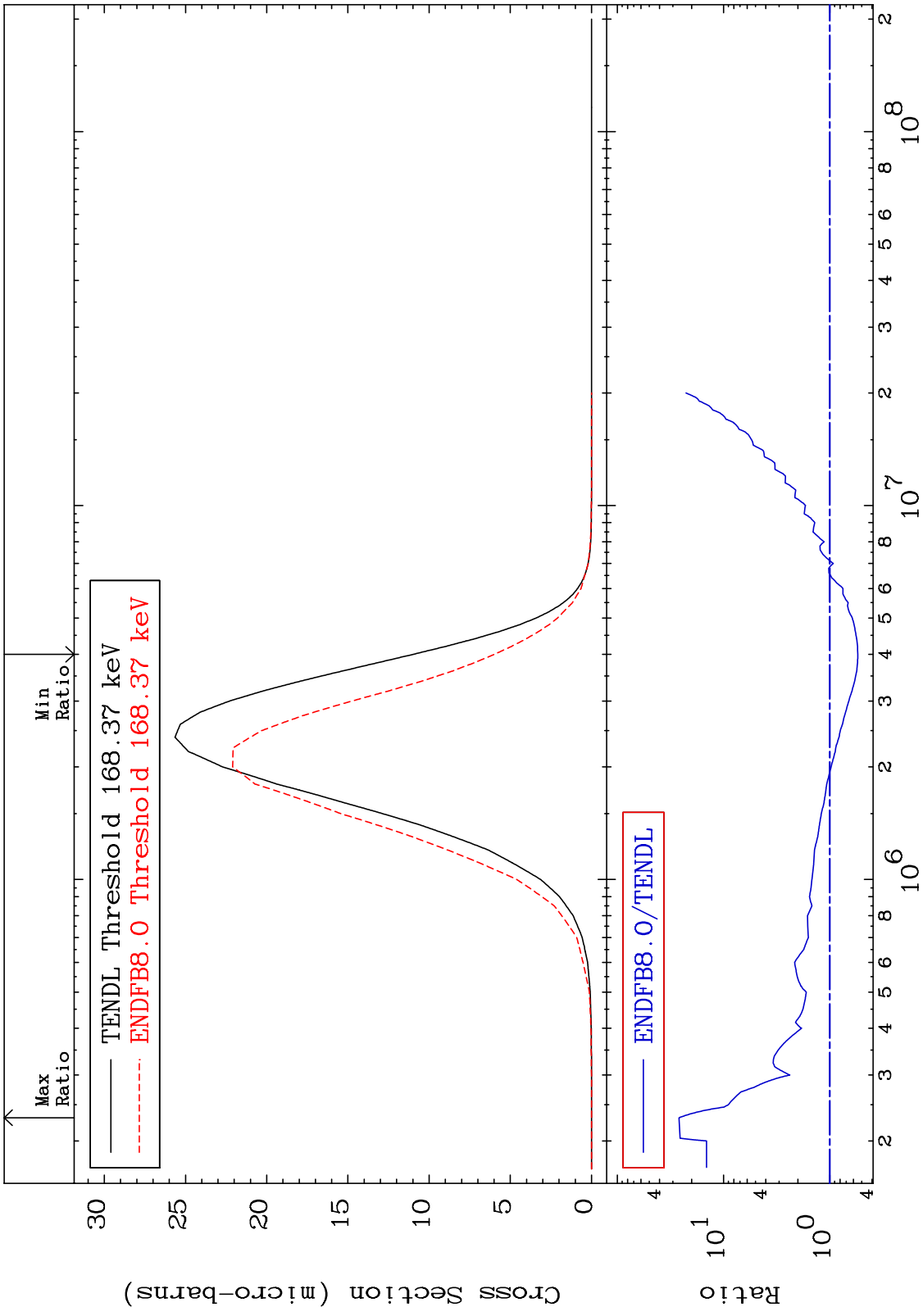
MAT 7529 MT= 59 (n,n') Level Cross Section 75-Re-186
 -48.14 To 2113. %



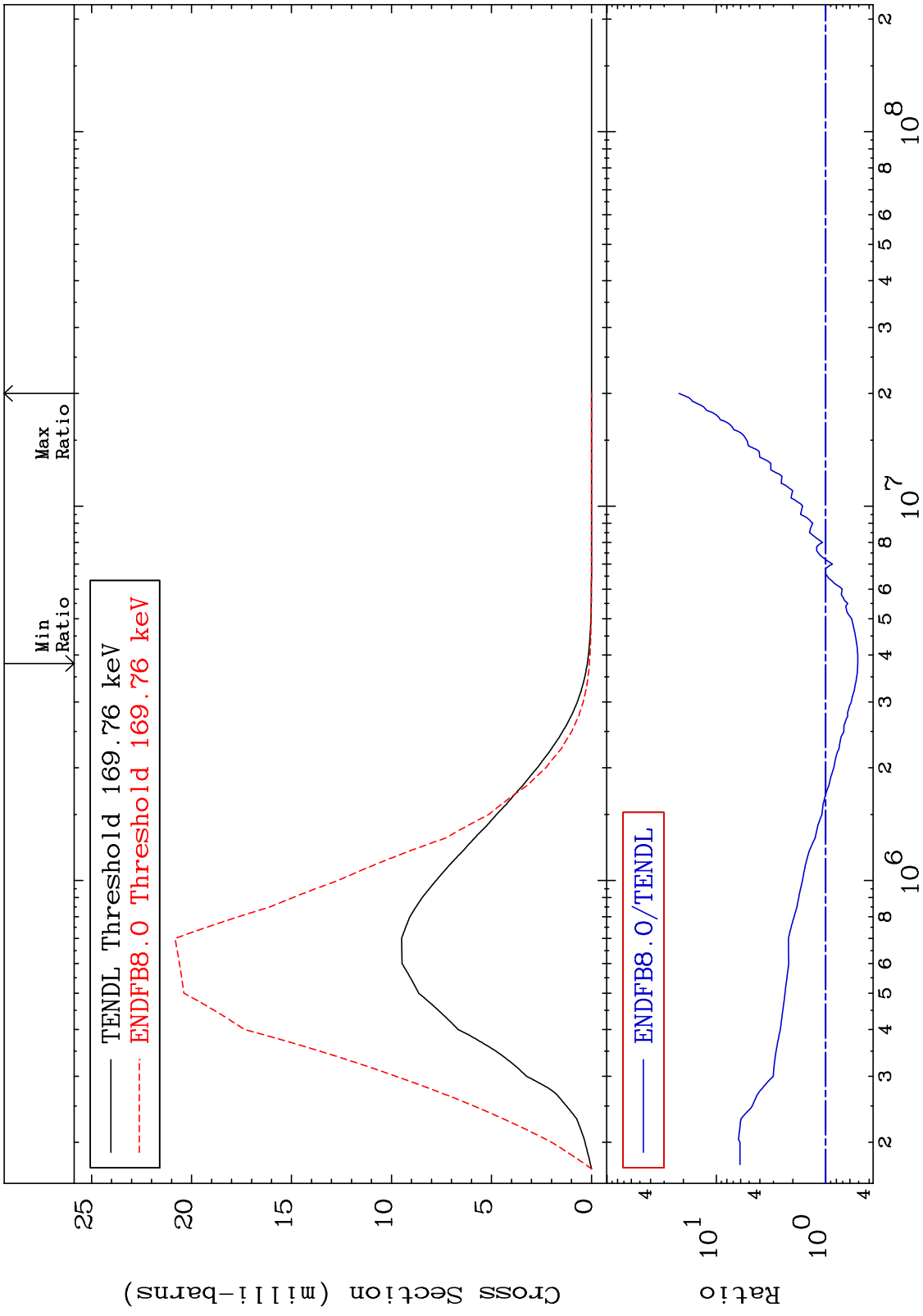
MAT 7529 MT= 60 (n,n') Level Cross Section 75-Re-186
 -47.34 To 2130. %



MAT 7529 MT= 61 (n,n') Level Cross Section 75-Re-186
 -45.56 To 2522. %

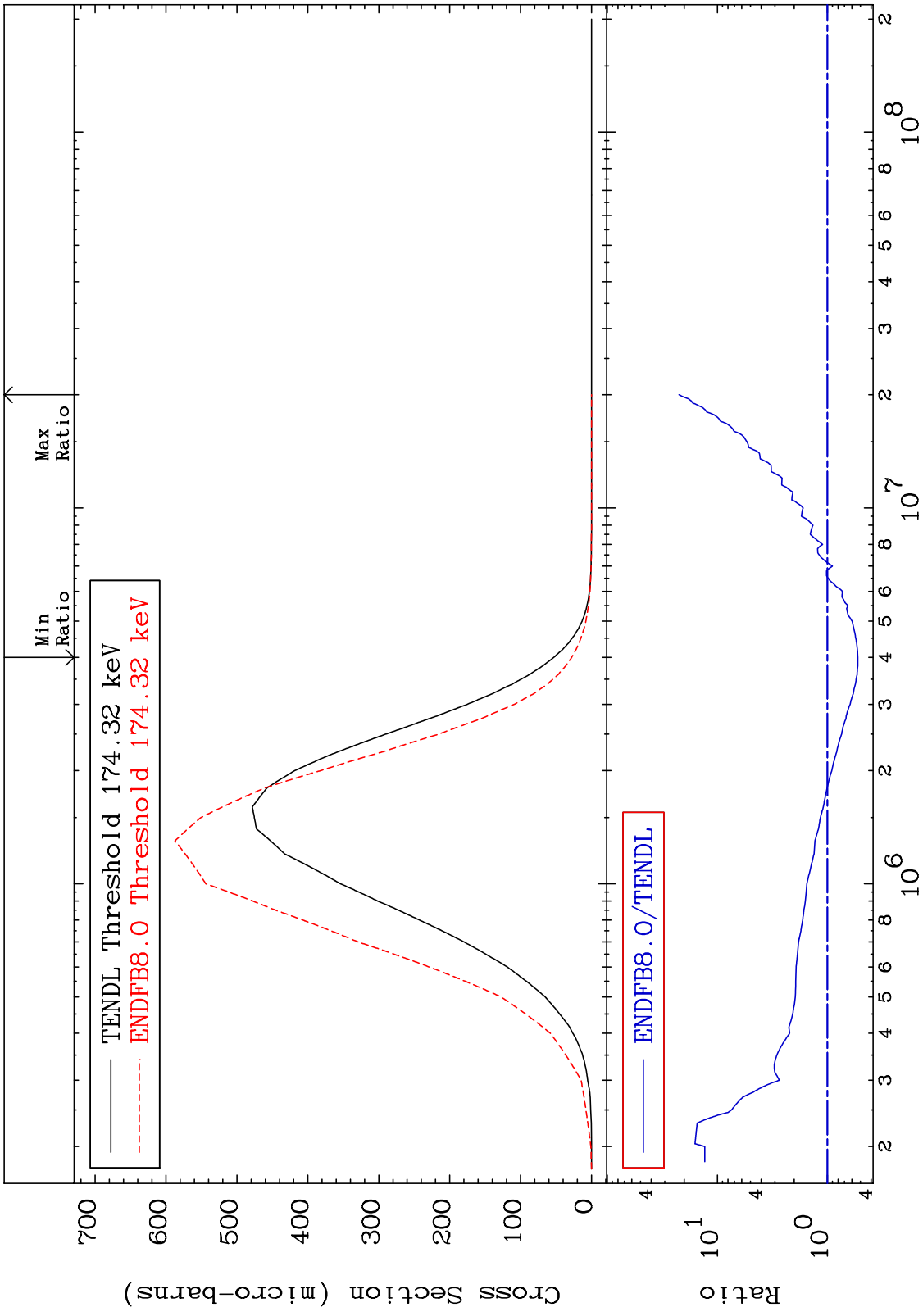


MAT 7529 MT= 62 (n,n') Level Cross Section 75-Re-186 -49.21 To 2093. %

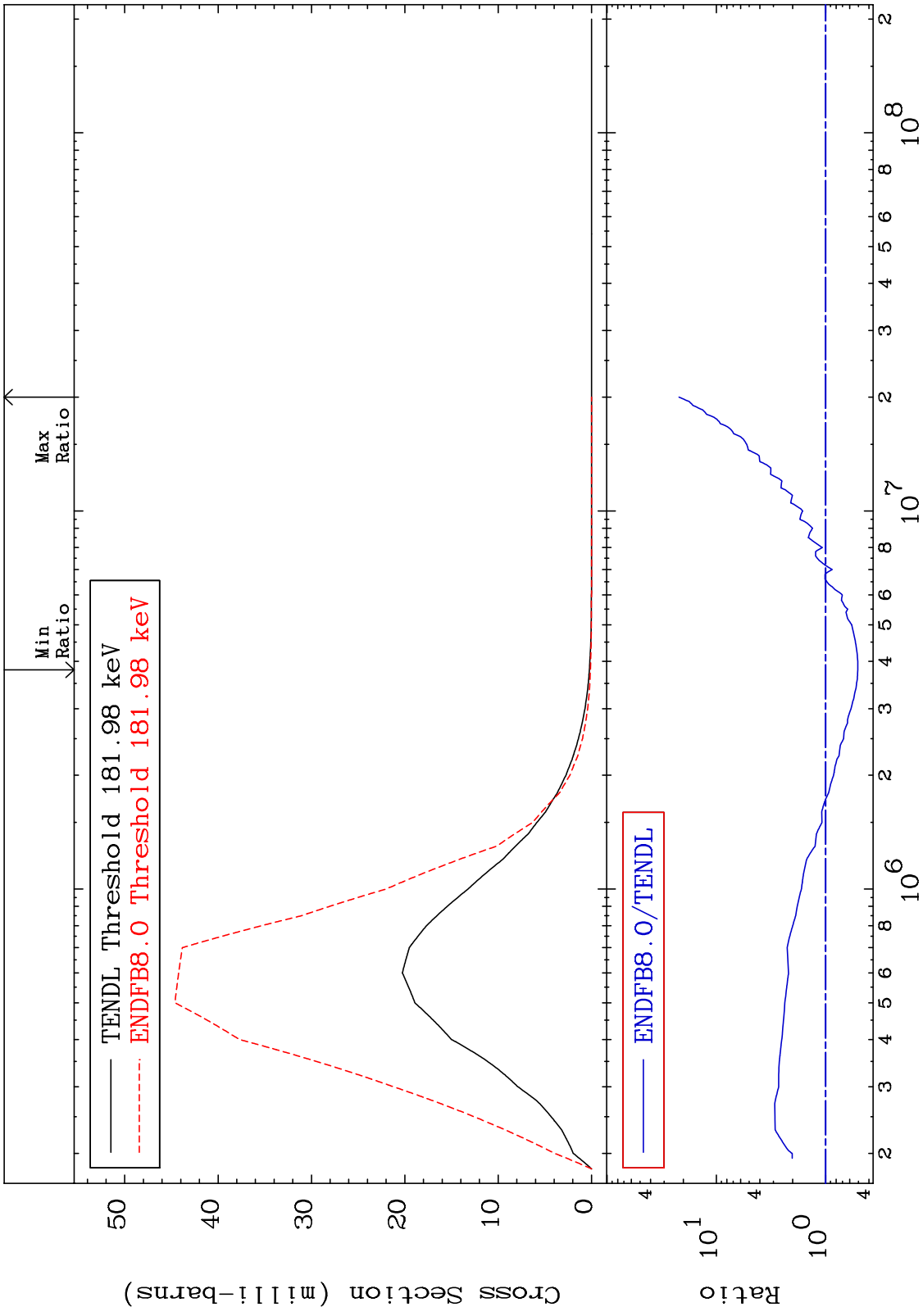


16 75-Re-186

MAT 7529 MT= 63 (n,n') Level Cross Section 75-Re-186 -47.11 To 2130. %

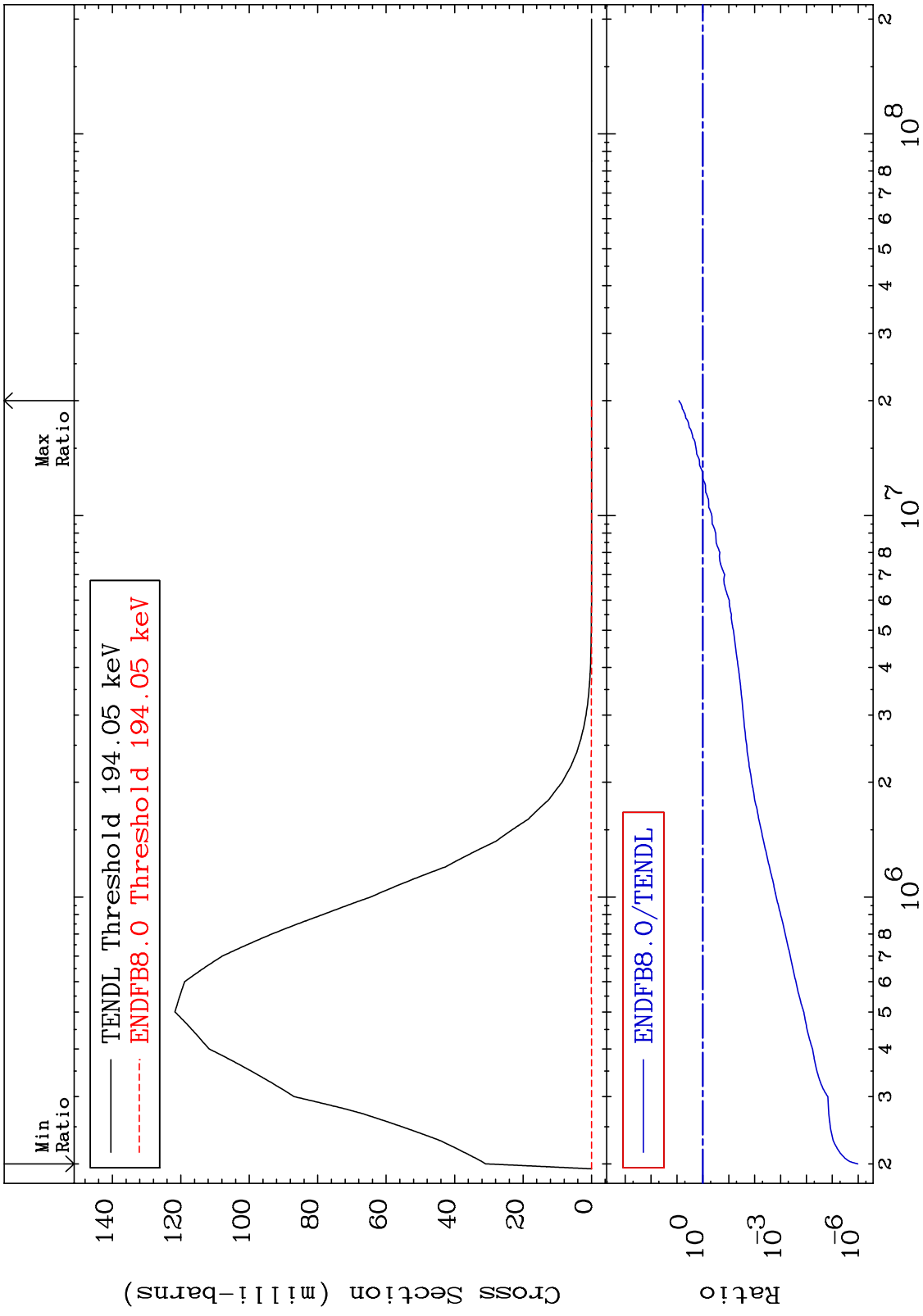


MAT 7529 MT= 64 (n,n') Level Cross Section 75-Re-186 -49.36 To 2094. %

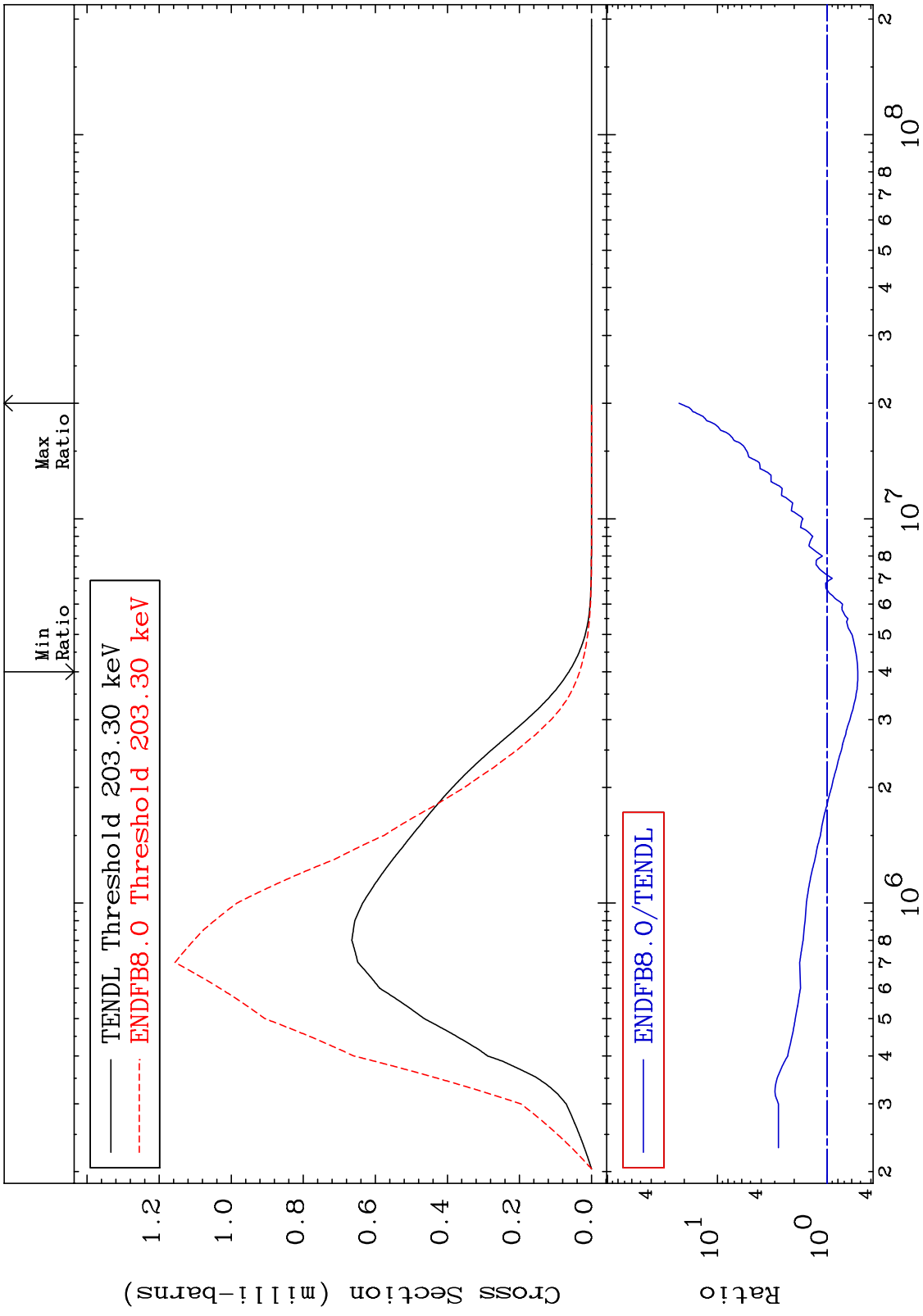


18 75-Re-186

MAT 7529 MT= 65 (n,n') Level Cross Section 75-Re-186 -100.0 To 732.5 %

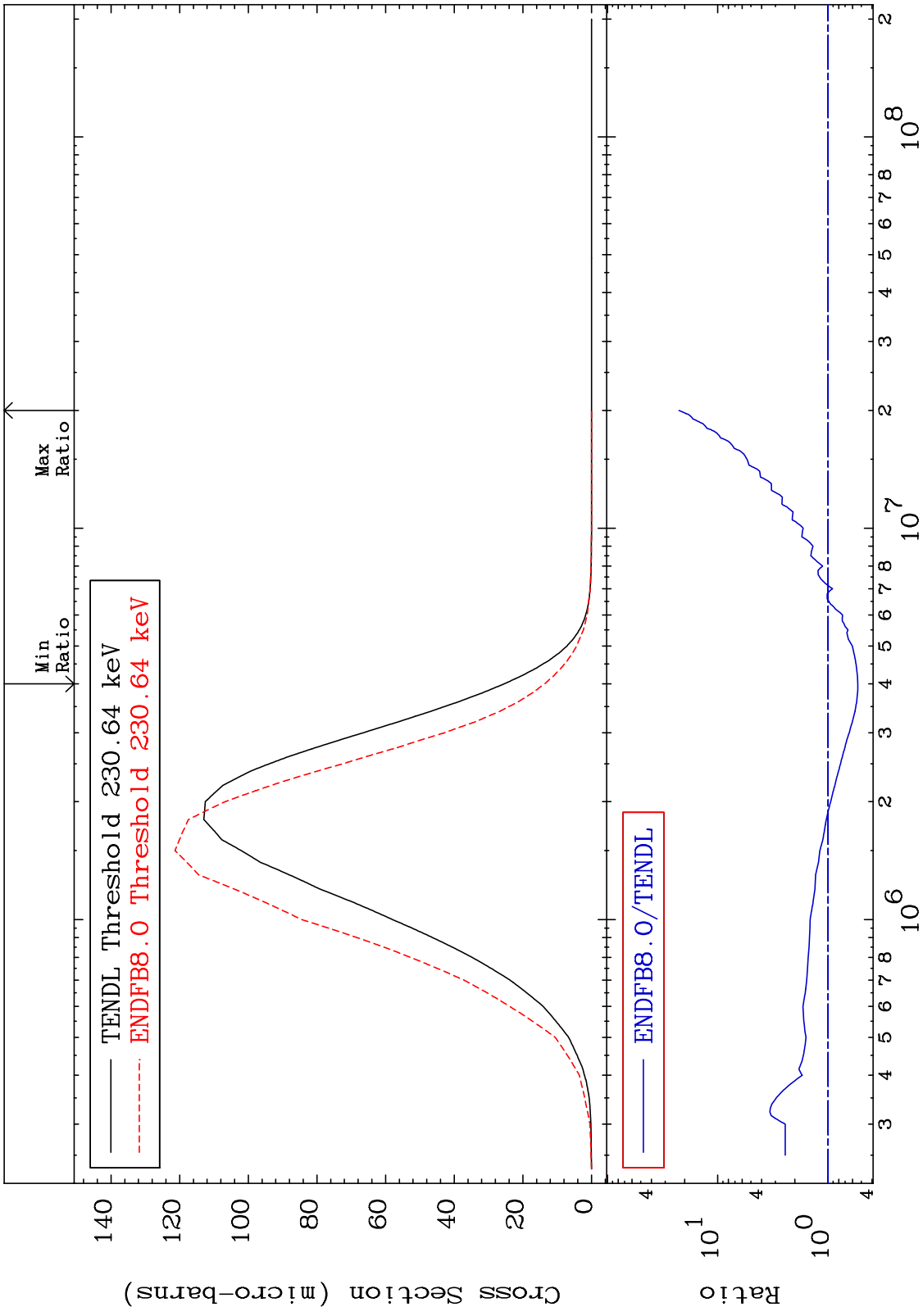


MAT 7529 MT= 66 (n,n') Level Cross Section 75-Re-186 -47.29 To 2131. %

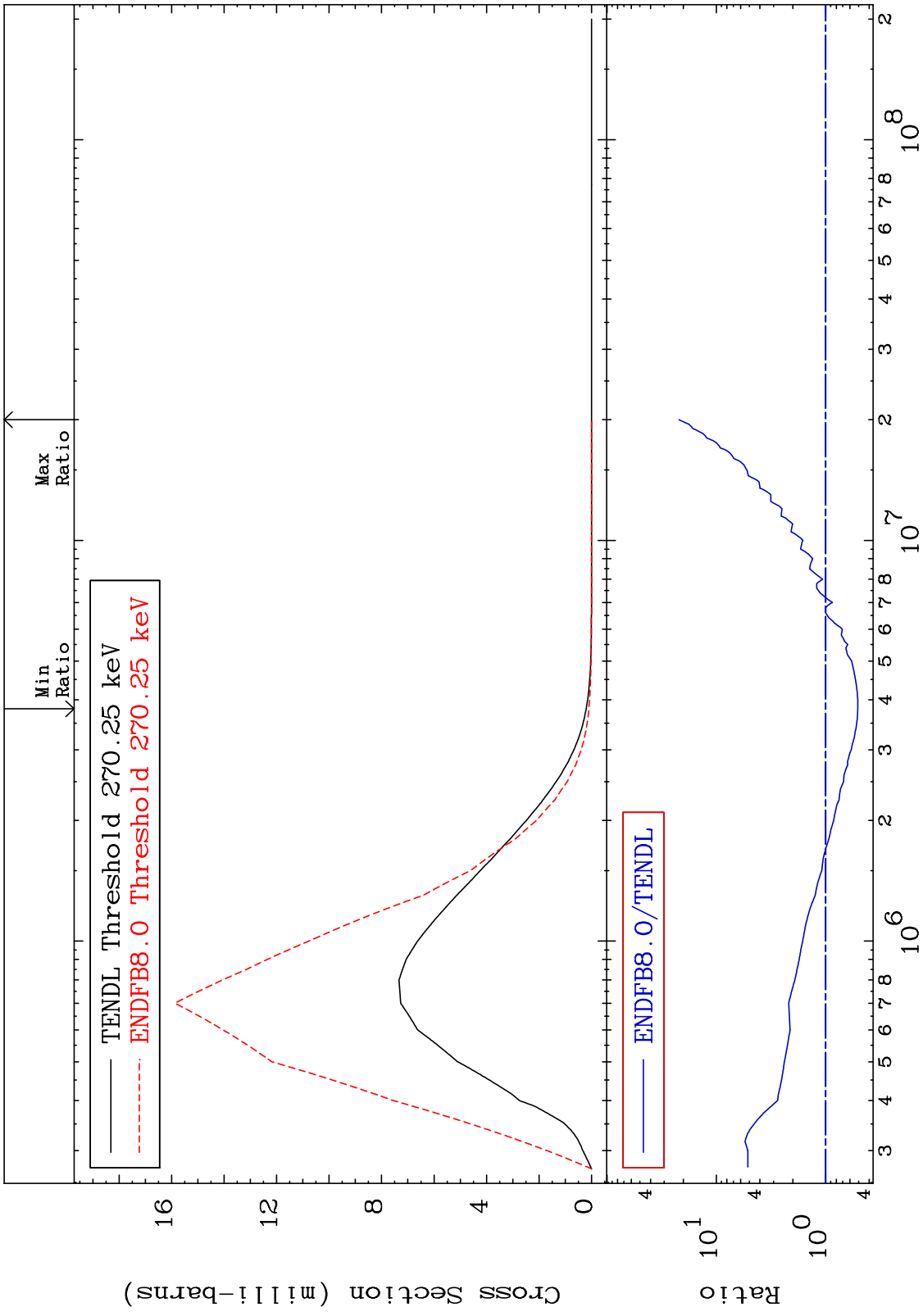


20 Incident Energy (eV) 75-Re-186

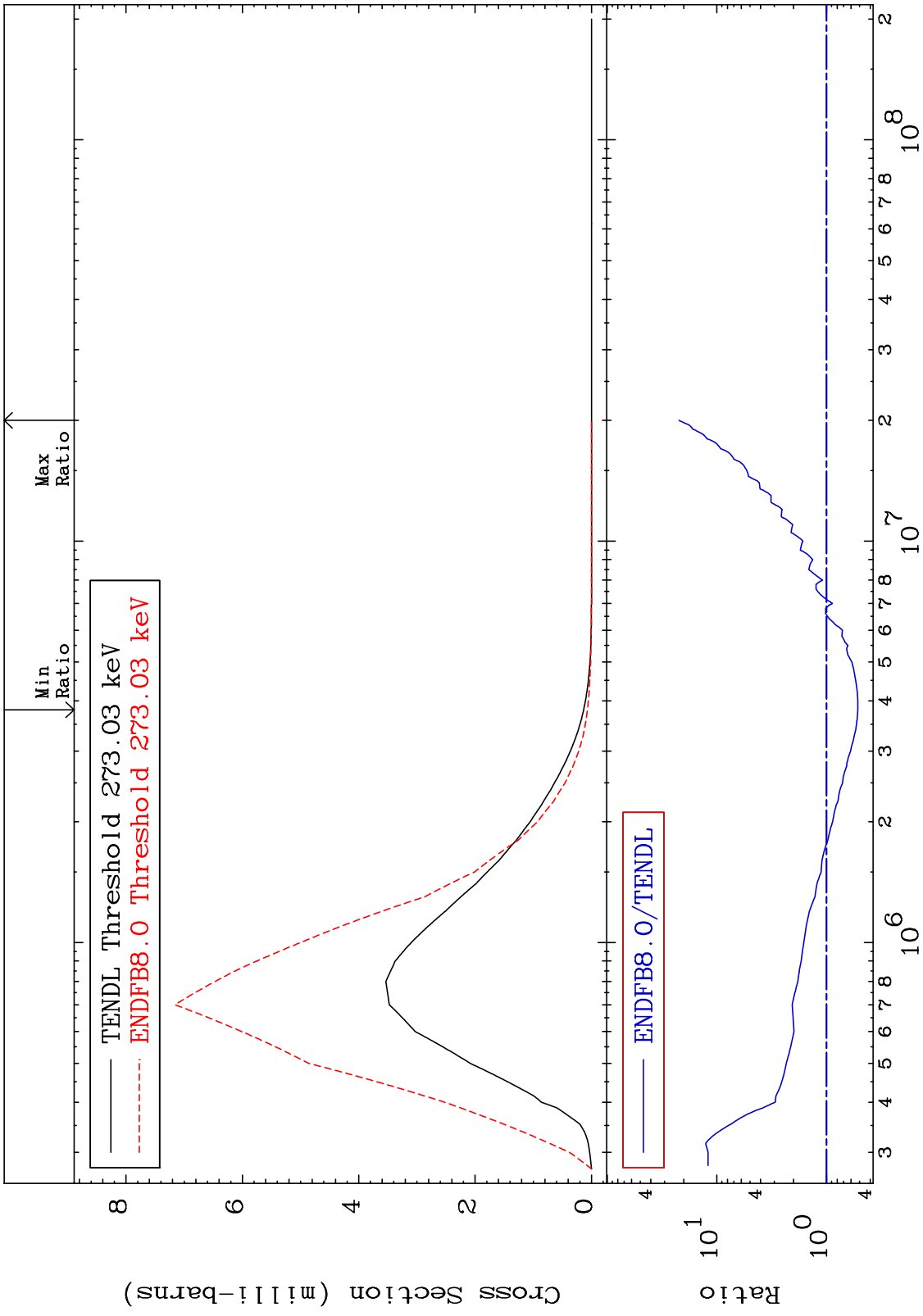
MAT 7529 MT= 67 (n,n') Level Cross Section 75-Re-186 -46.22 To 2144. %



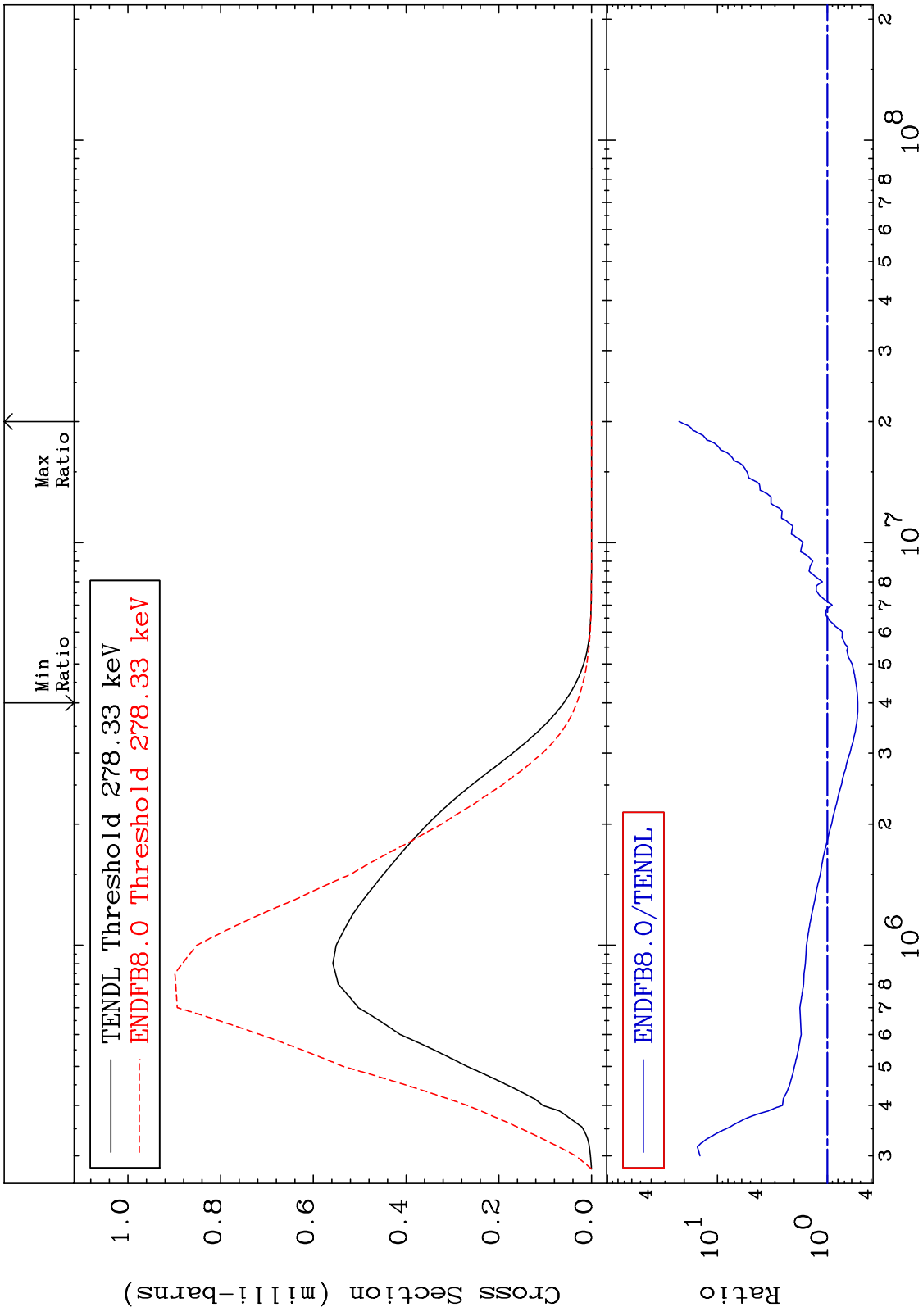
MAT 7529 MT= 68 (n,n') Level Cross Section 75-Re-186 -49.14 To 2094. %



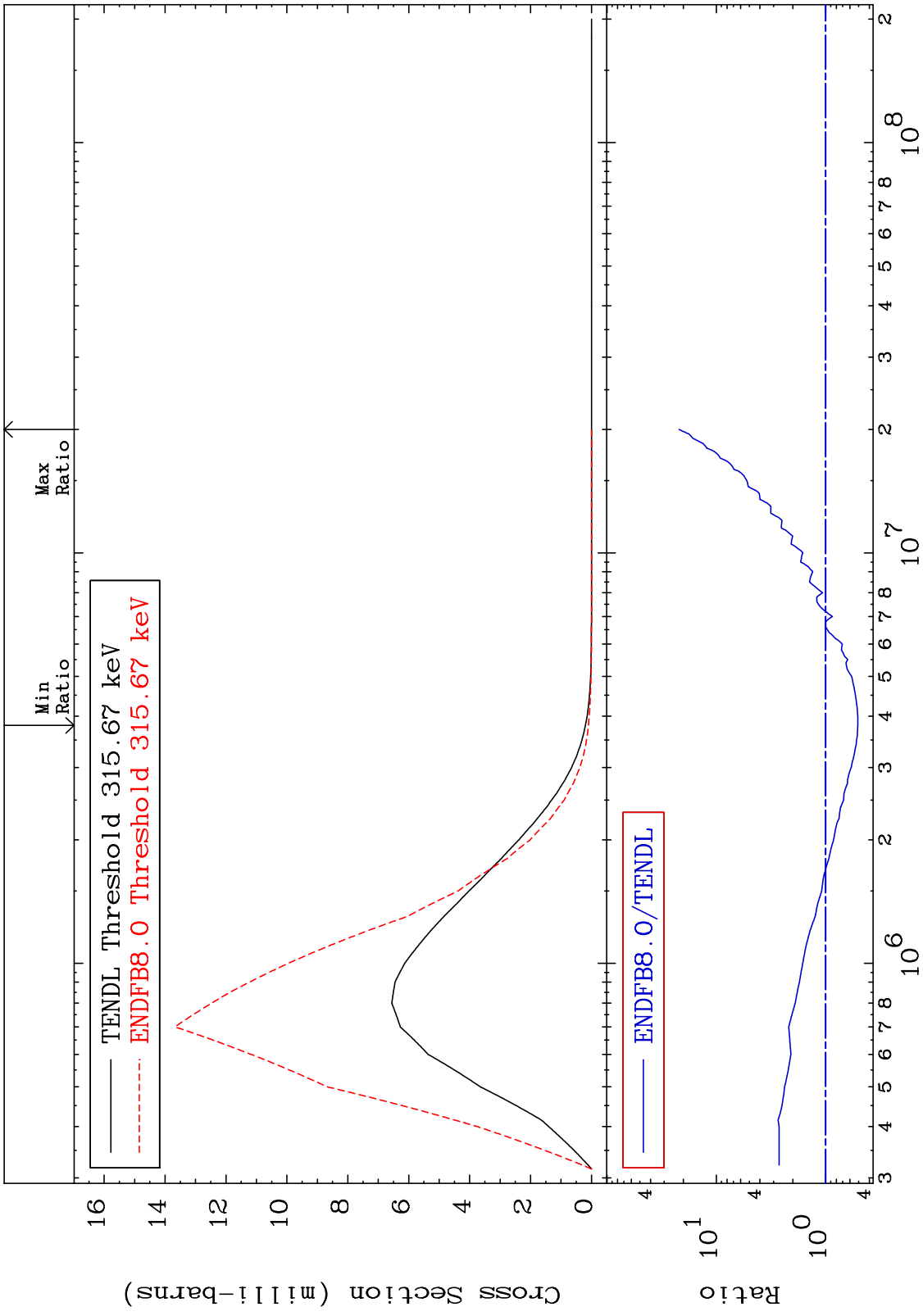
MAT 7529 MT= 69 (n,n') Level Cross Section 75-Re-186 -48.12 To 2114. %



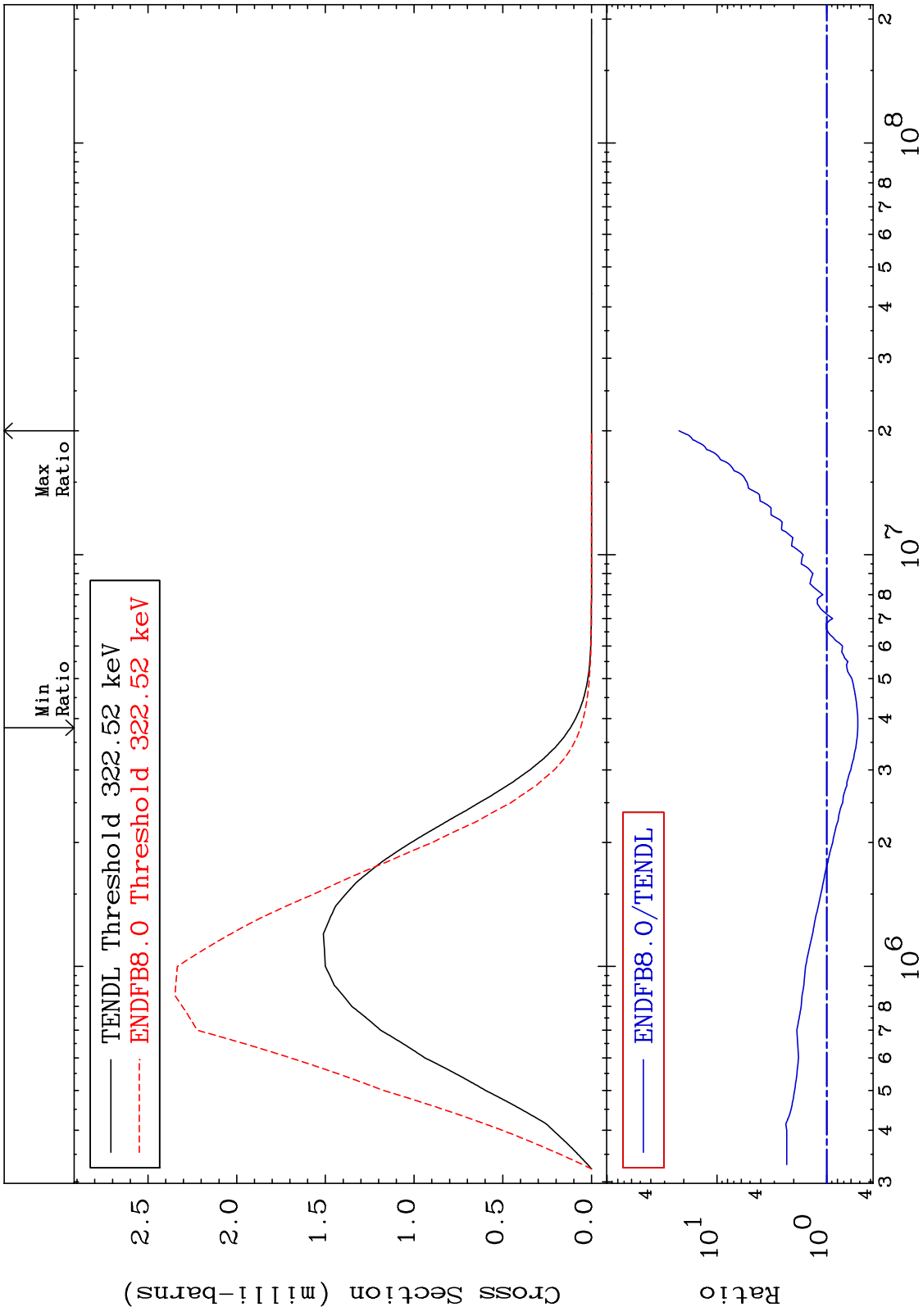
MAT 7529 MT= 70 (n,n') Level Cross Section 75-Re-186 -47.22 To 2131. %



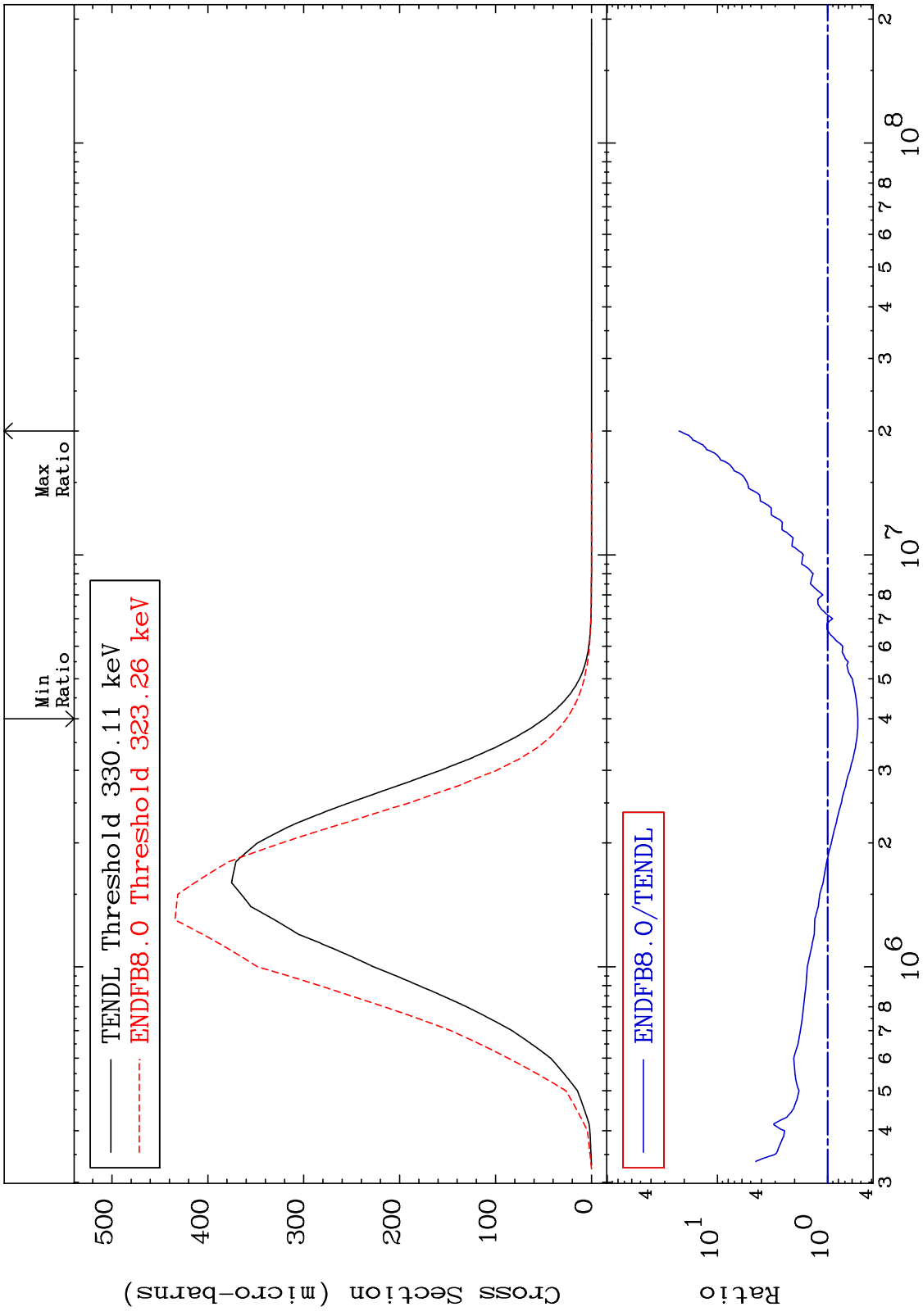
MAT 7529 MT= 71 (n,n') Level Cross Section 75-Re-186 -49.10 To 2094. %



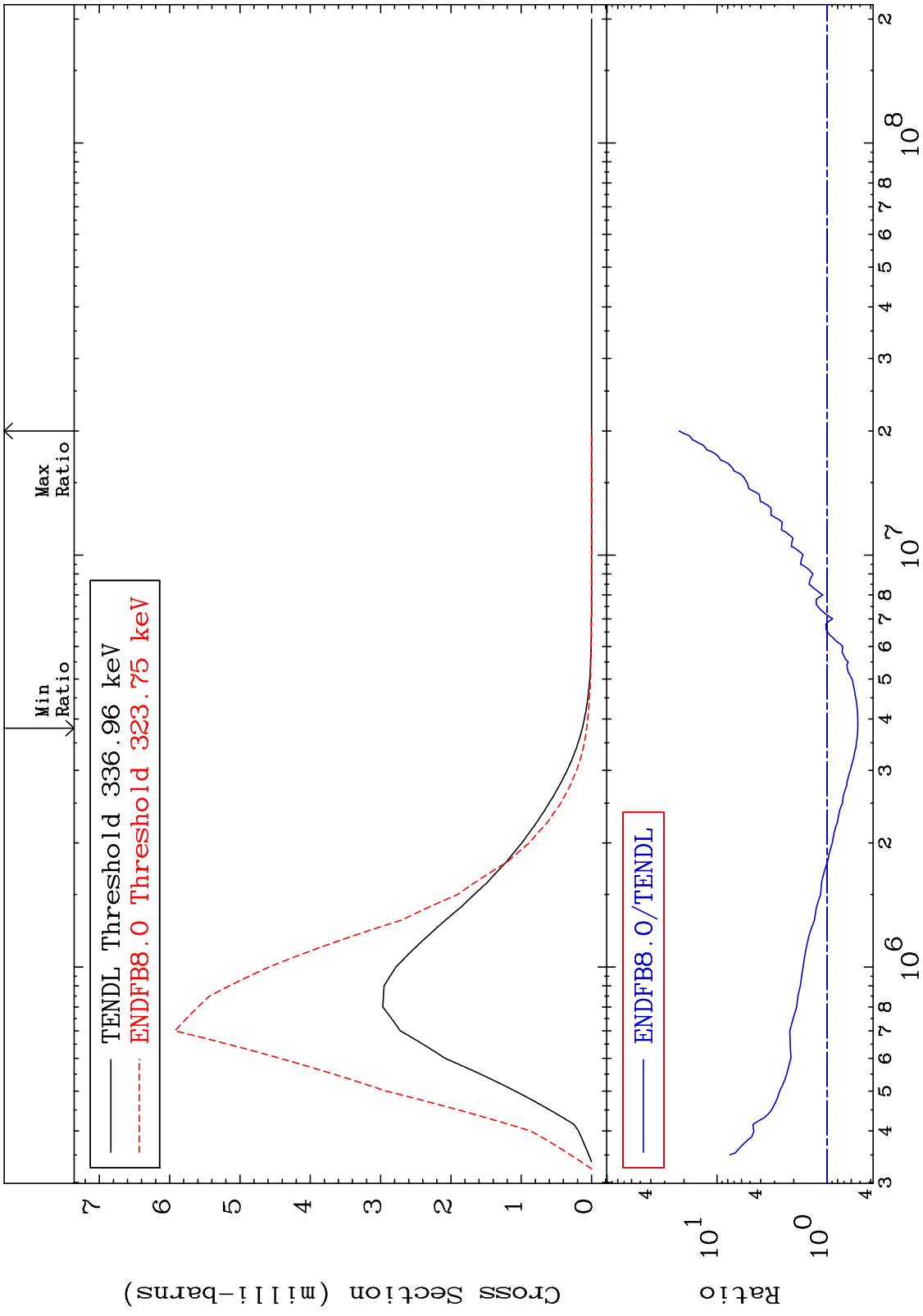
MAT 7529 MT= 72 (n,n') Level Cross Section 75-Re-186
 -47.93 To 2114. %



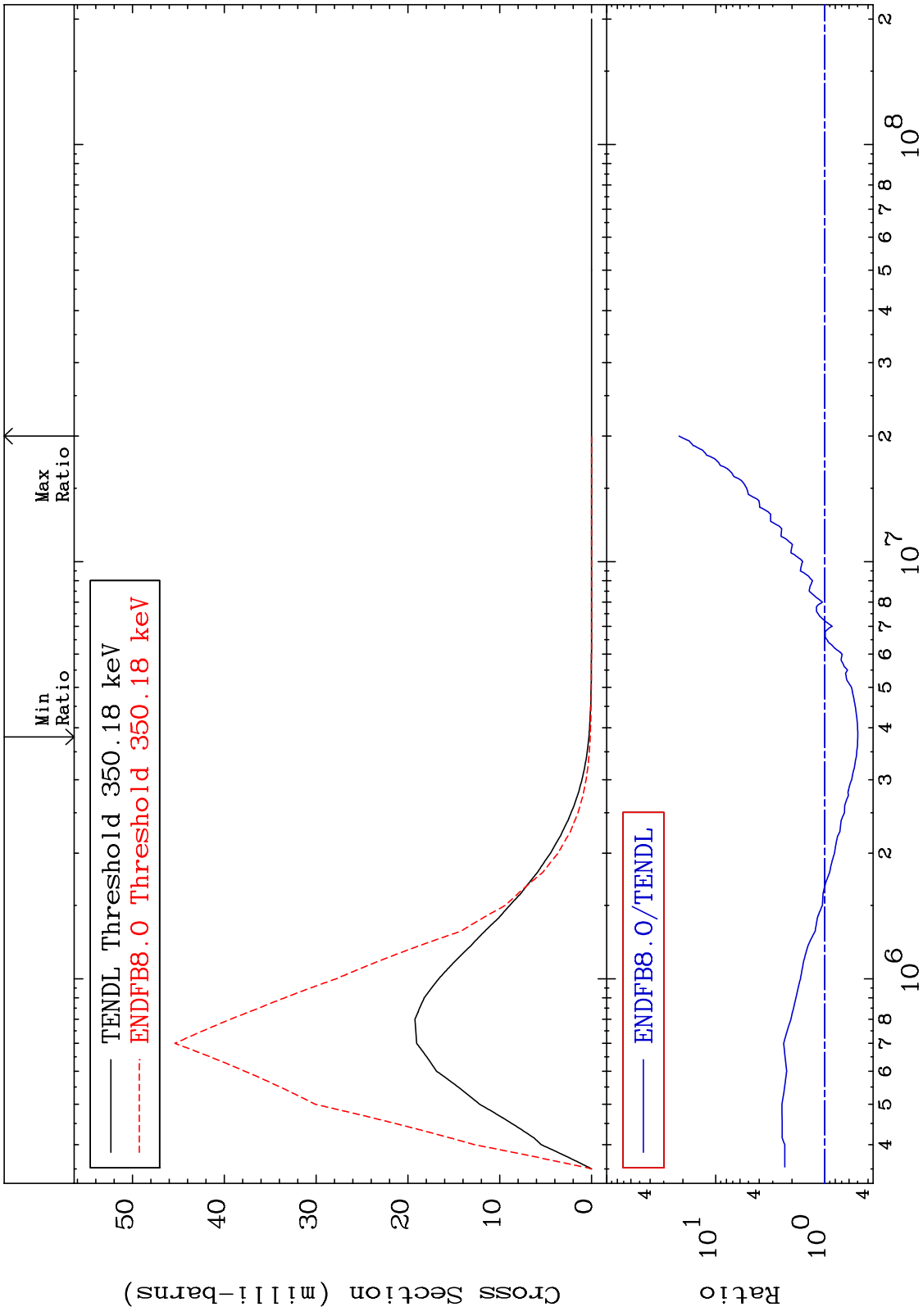
MAT 7529 MT= 73 (n,n') Level Cross Section 75-Re-186 -46.69 To 2131. %



MAT 7529 MT= 74 (n,n') Level Cross Section 75-Re-186 -47.67 To 2115. %

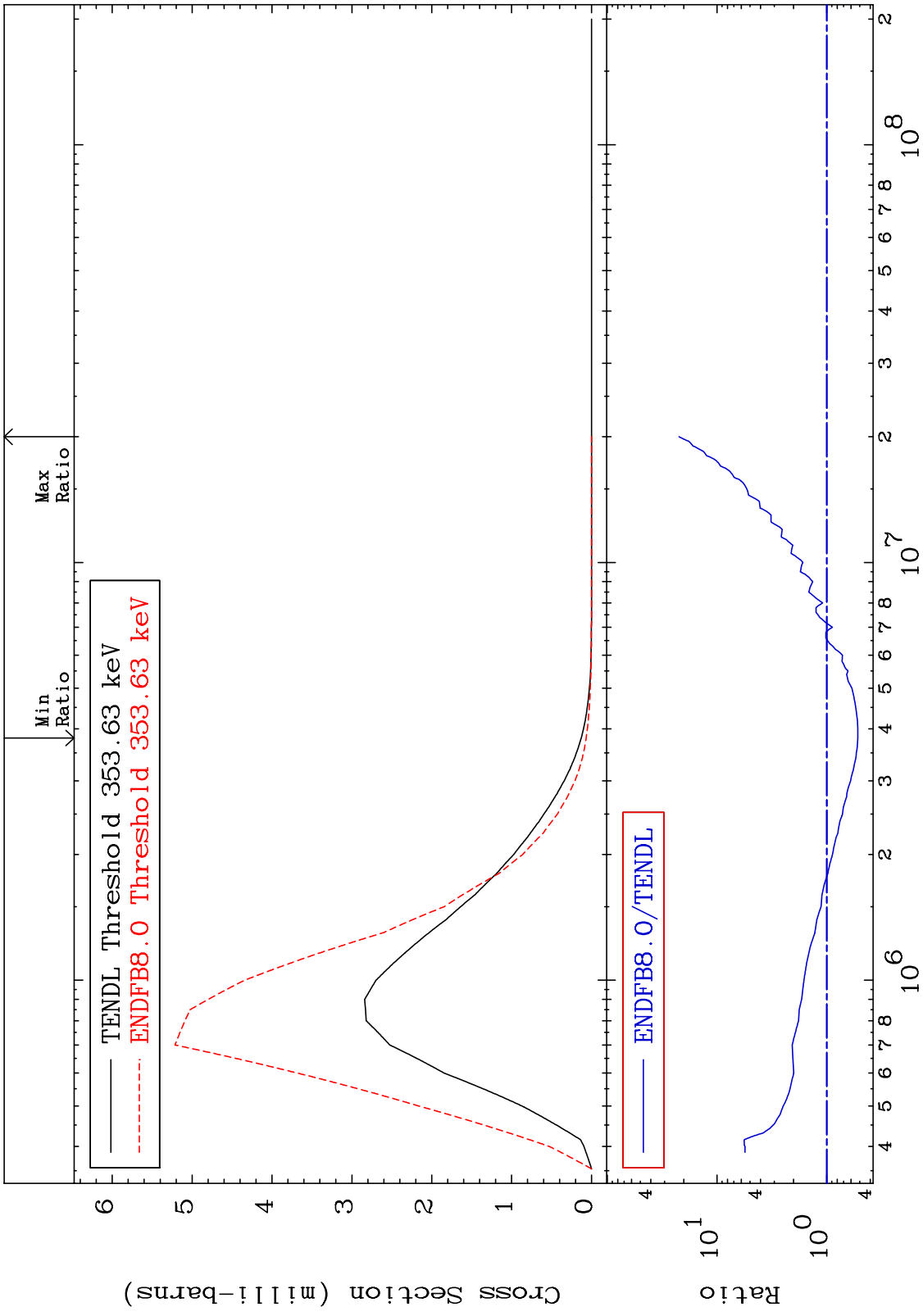


MAT 7529 MT= 75 (n,n') Level Cross Section 75-Re-186
 -50.28 To 2072. %

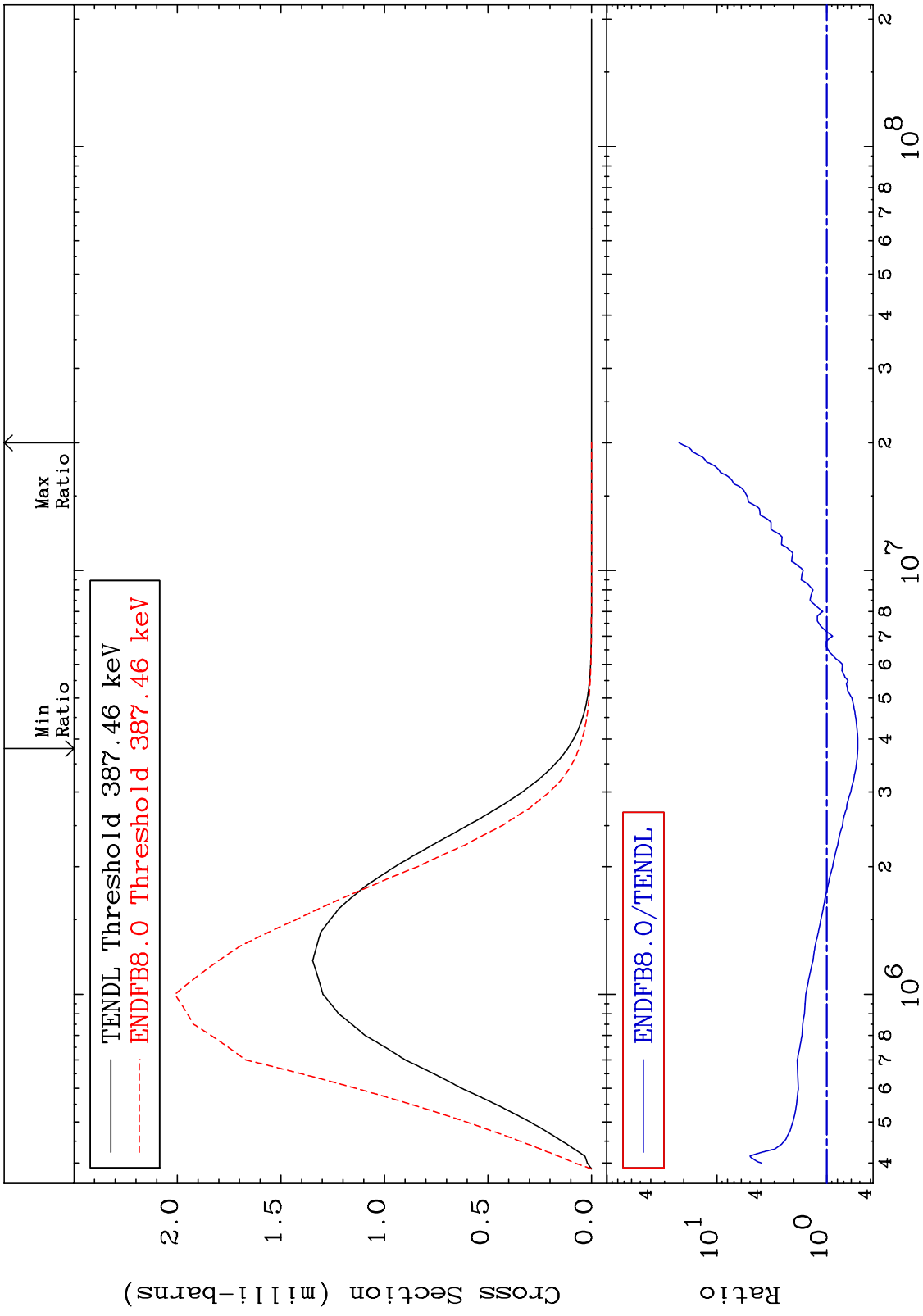


29 75-Re-186

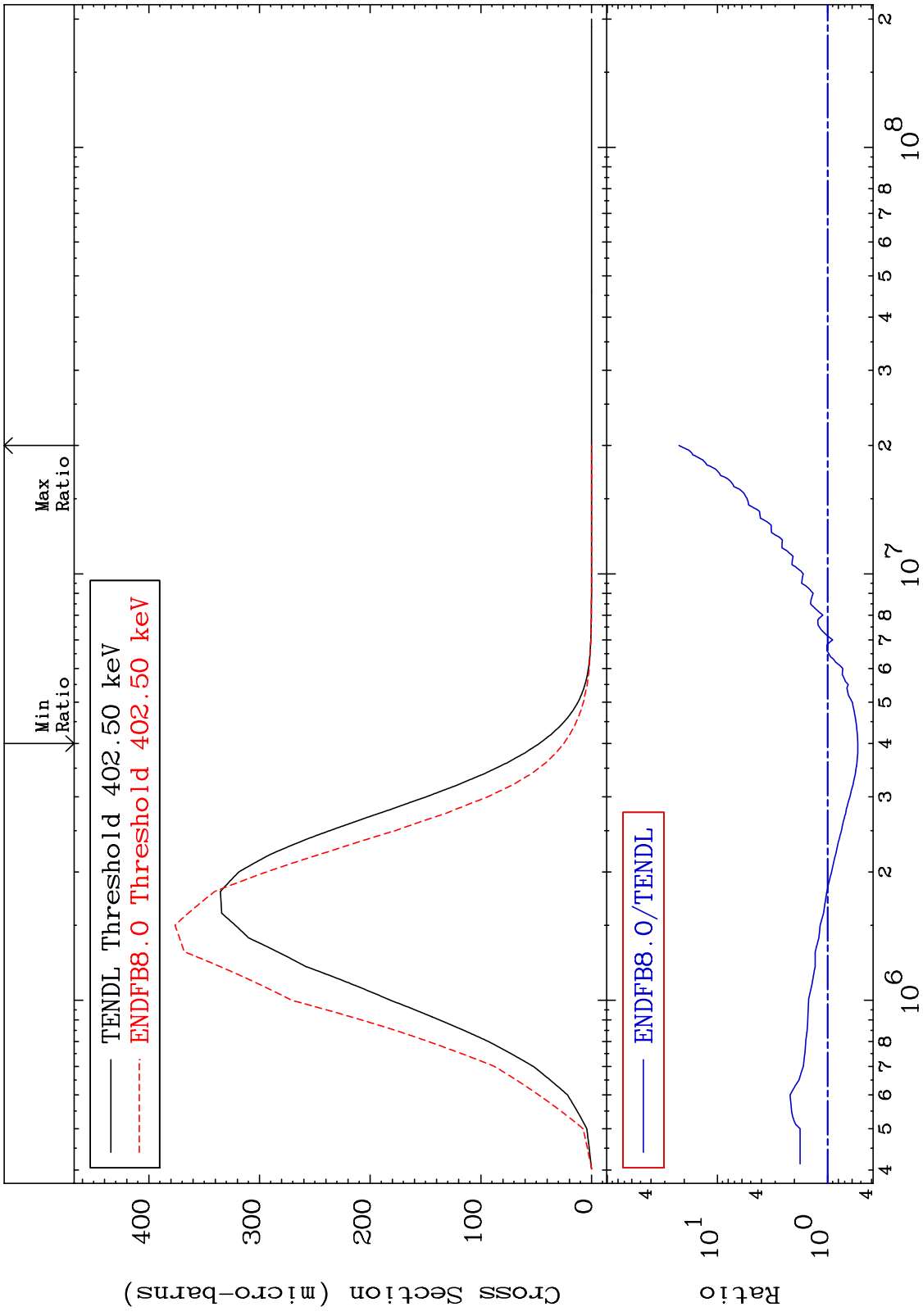
MAT 7529 MT= 76 (n,n') Level Cross Section 75-Re-186 -48.02 To 2114. %



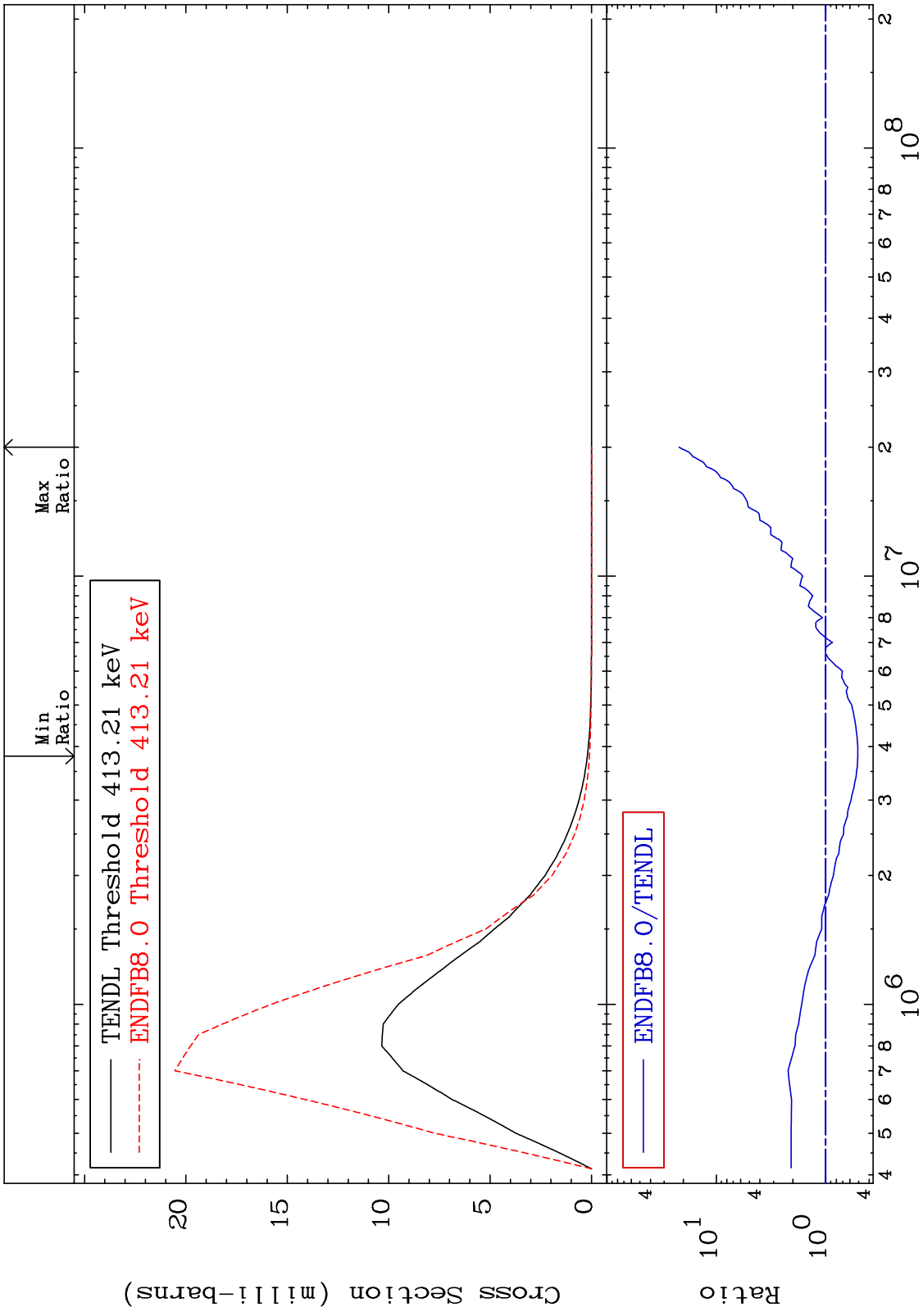
MAT 7529 MT= 77 (n,n') Level Cross Section 75-Re-186 -47.86 To 2114. %



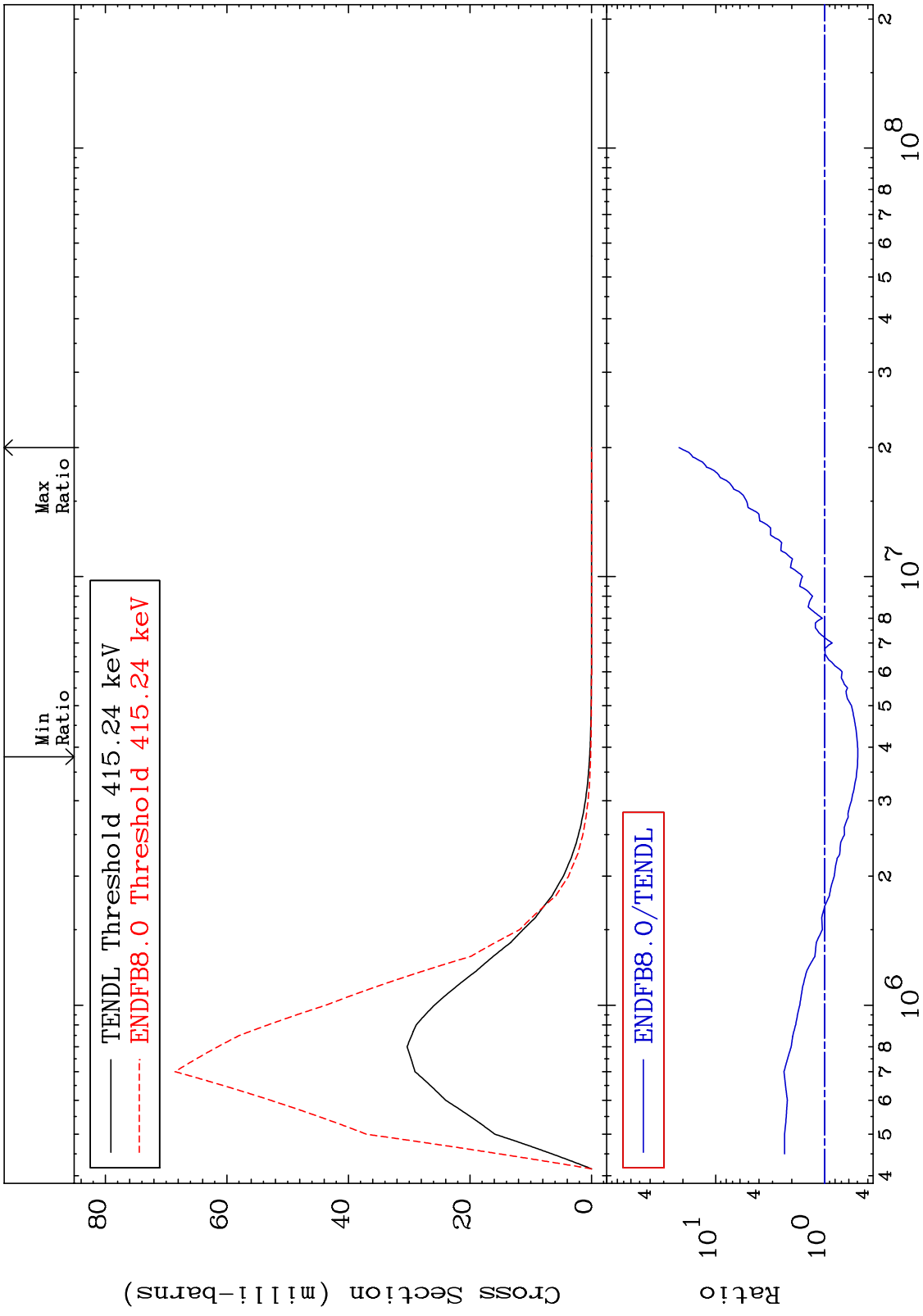
MAT 7529 MT= 78 (n,n') Level Cross Section 75-Re-186 -46.77 To 2131. %

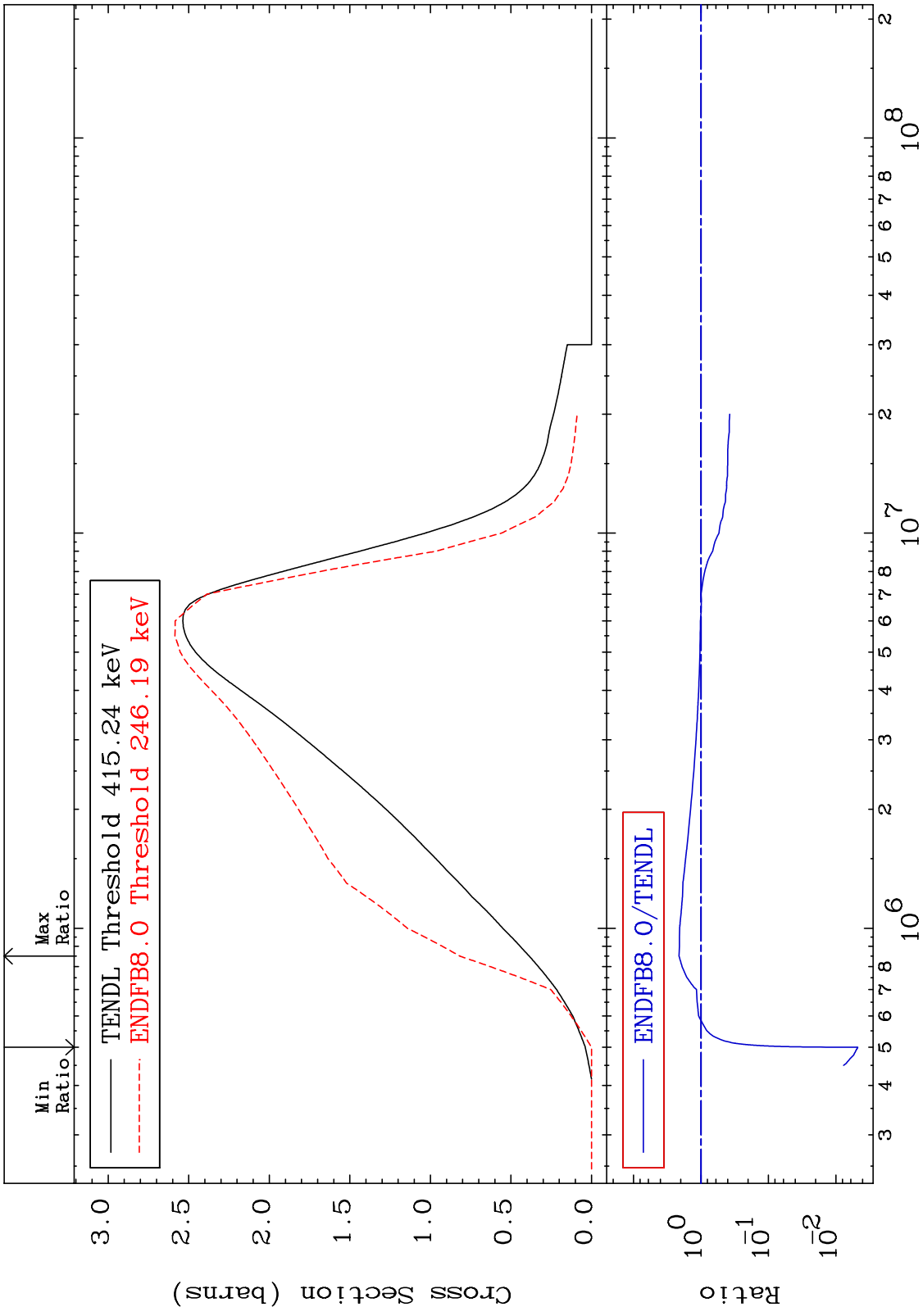


MAT 7529 MT= 79 (n,n') Level Cross Section 75-Re-186
 -49.18 To 2094. %



MAT 7529 MT= 80 (n,n') Level Cross Section 75-Re-186
 -50.49 To 2071. %





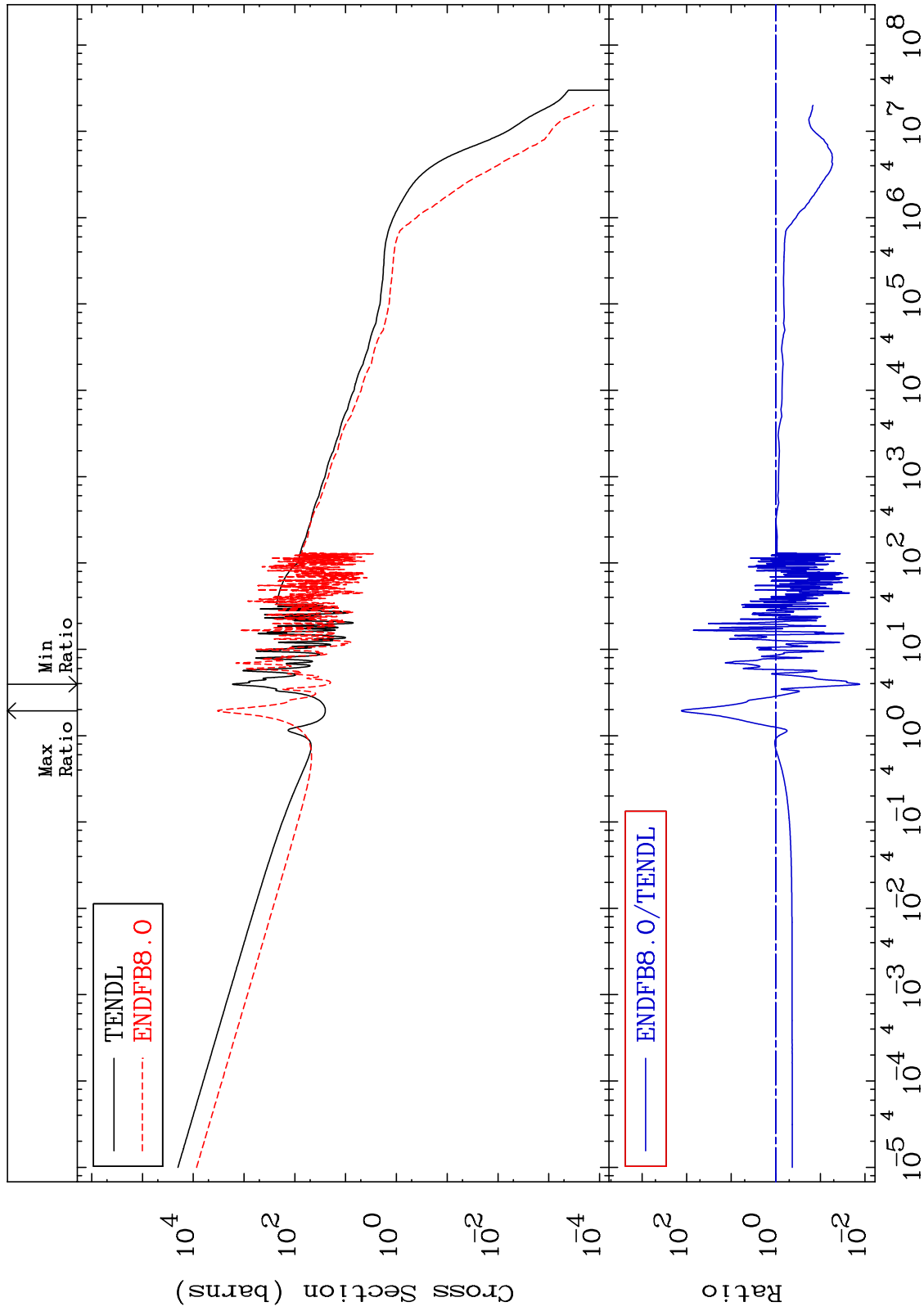
MAT 7529

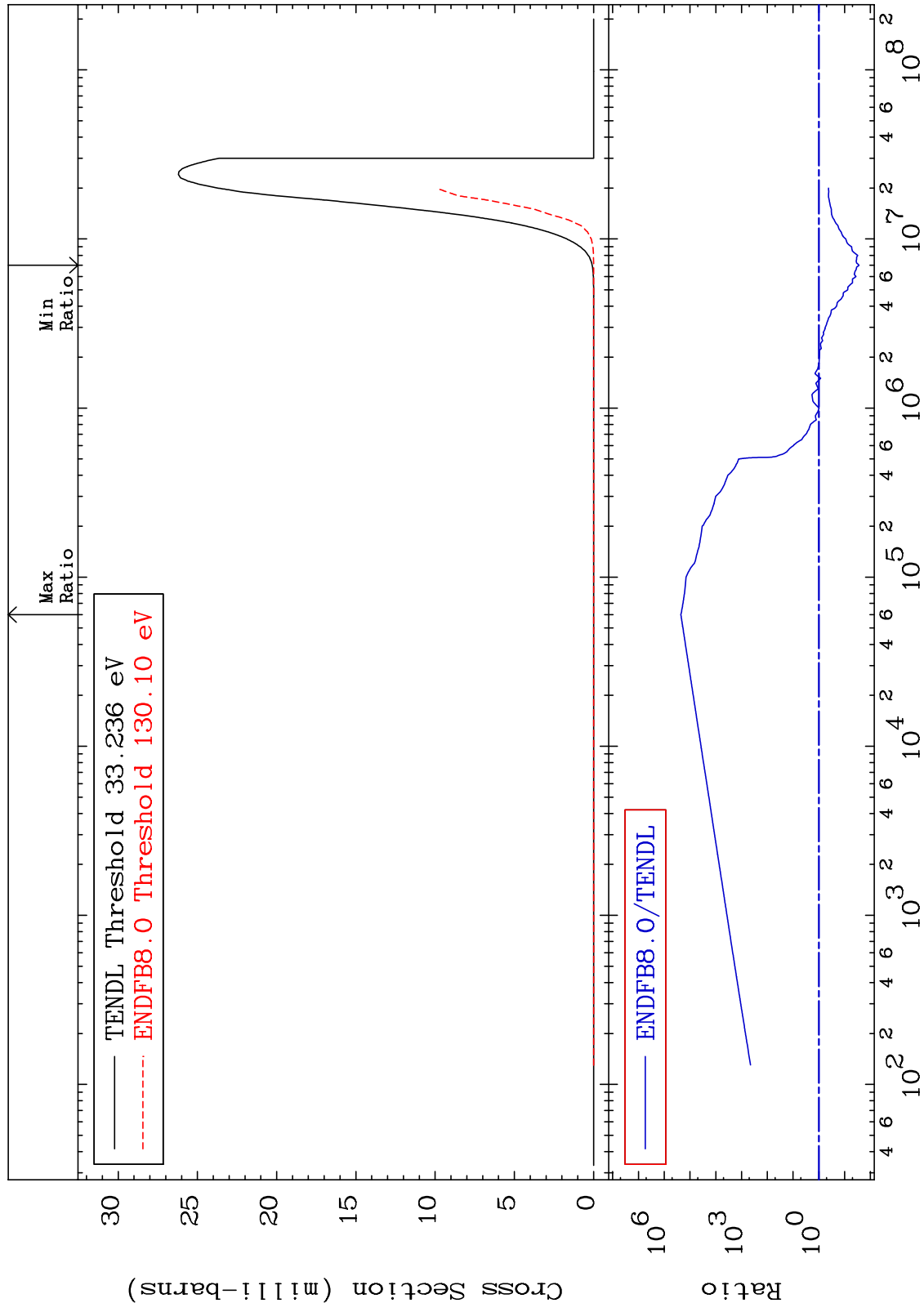
(n, γ)

75-Re-186

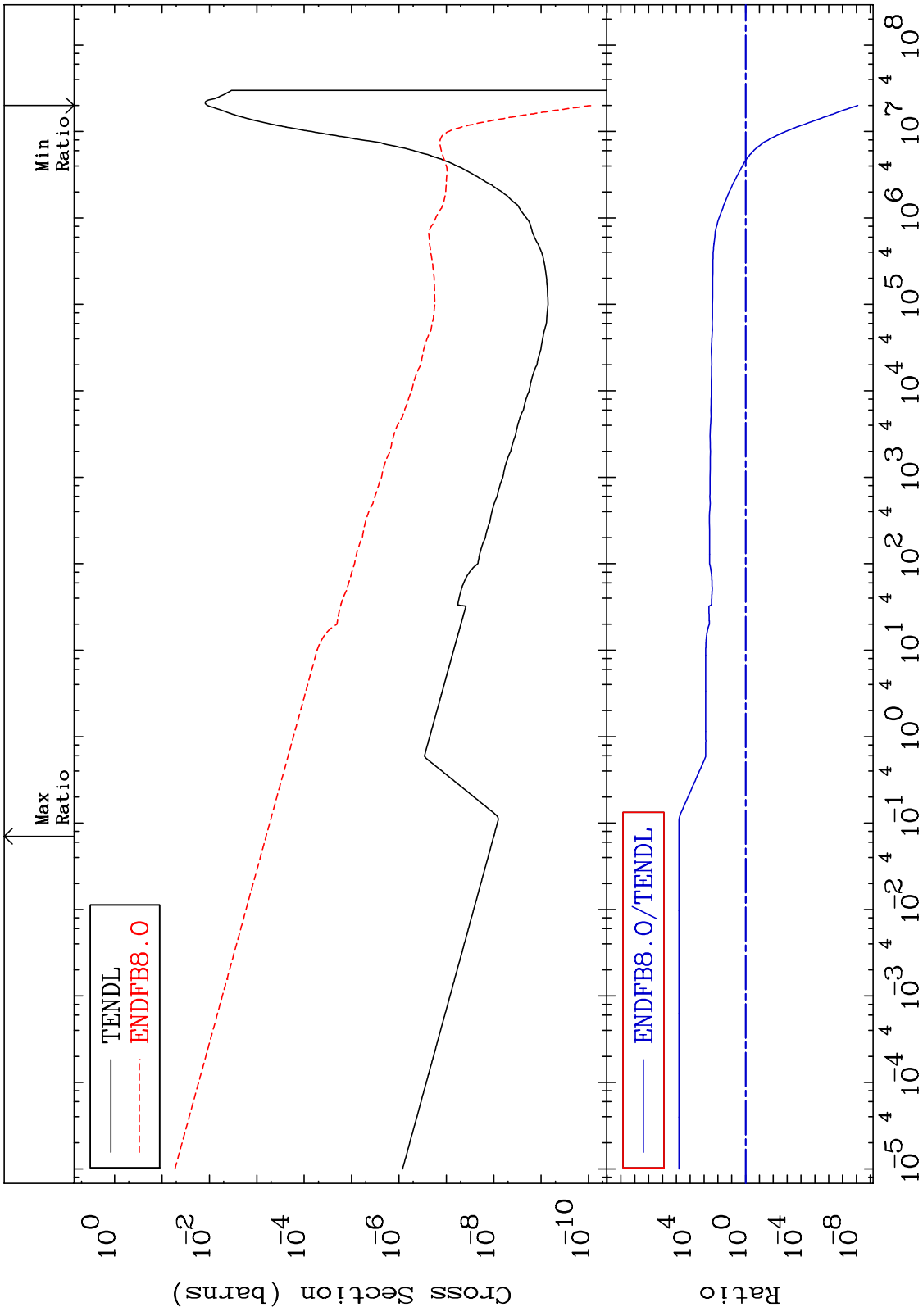
-98.70 To 9999. %

Cross Section





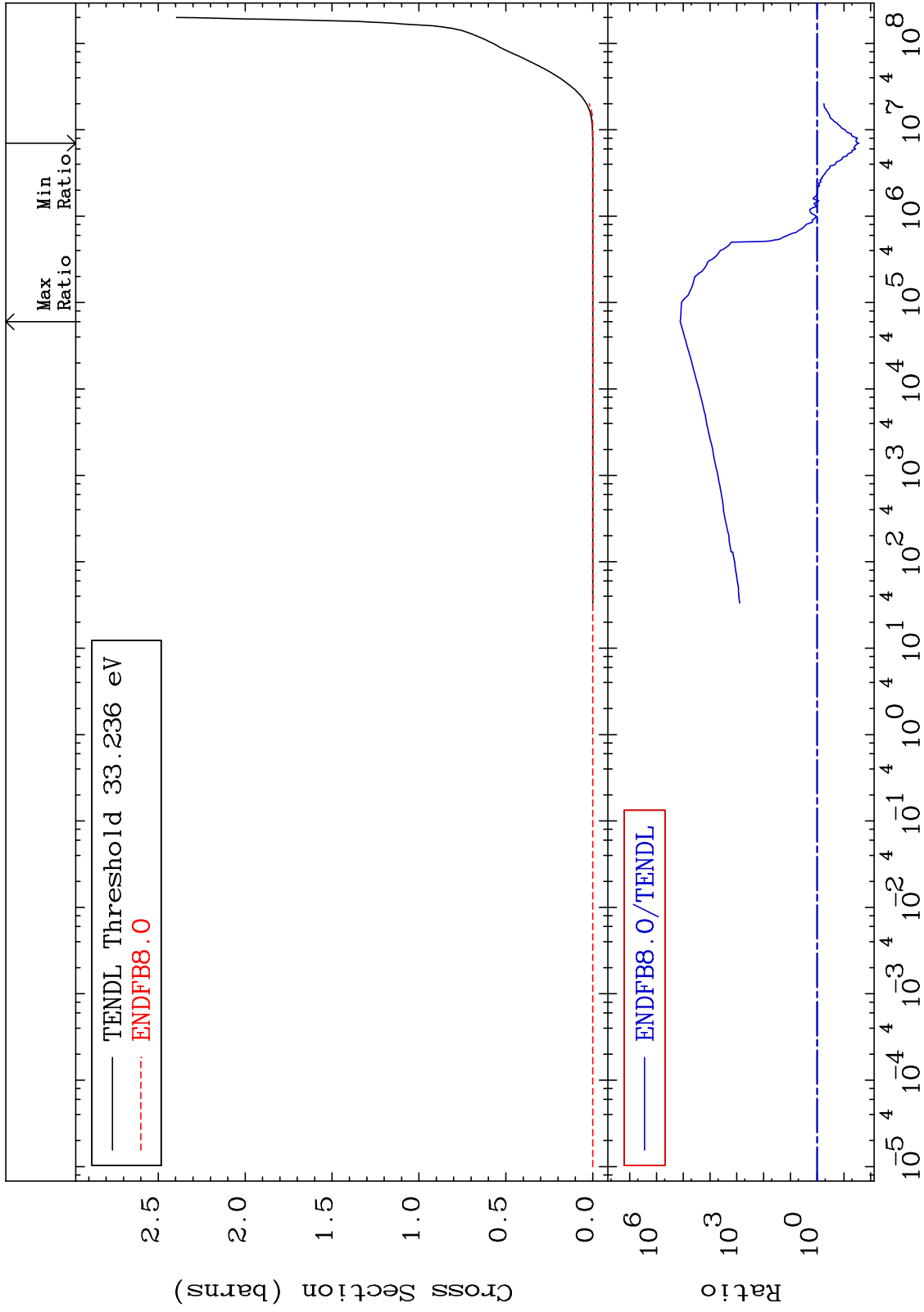
MAT 7529 (n,α) Cross Section 75-Re-186 -100.0 To 9999. %



MAT 7529

Hydrogen Production Cross Section

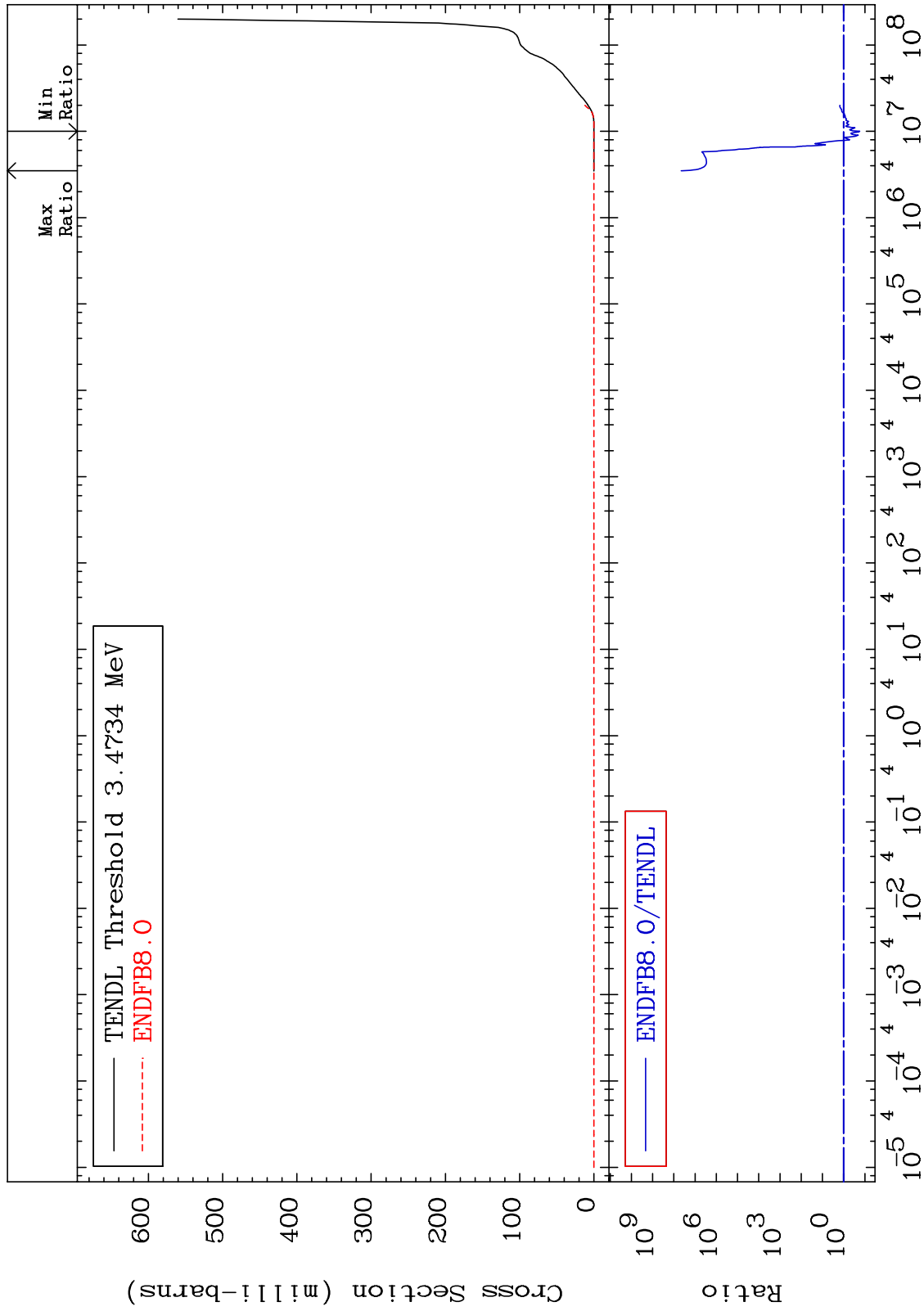
75-Re-186
-97.25 To 9999. %



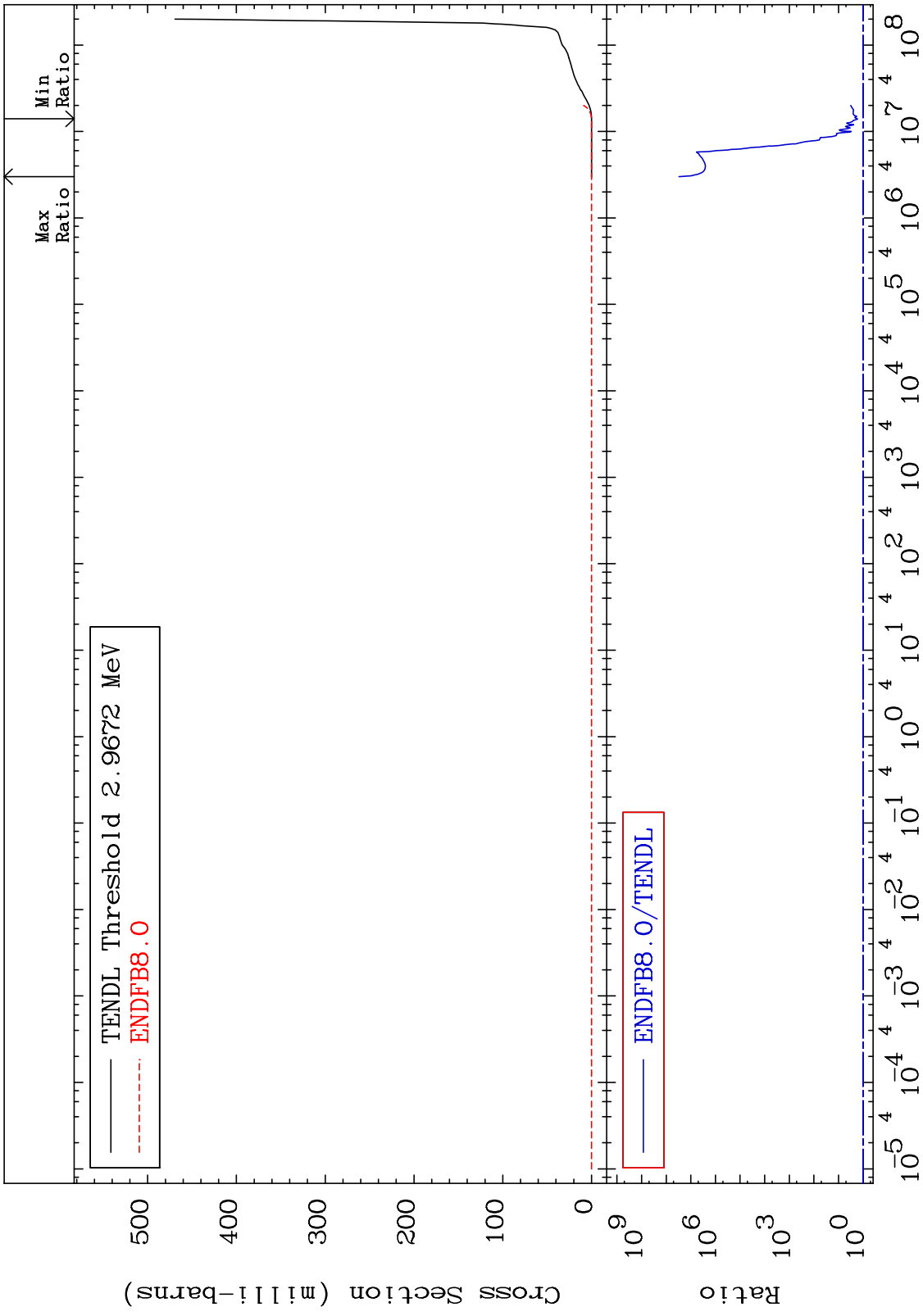
MAT 7529

Deuterium Production
Cross Section

75-Re-186
-82.55 To 9999. %



MAT 7529 Tritium Production Cross Section 75-Re-186 To 9999. %

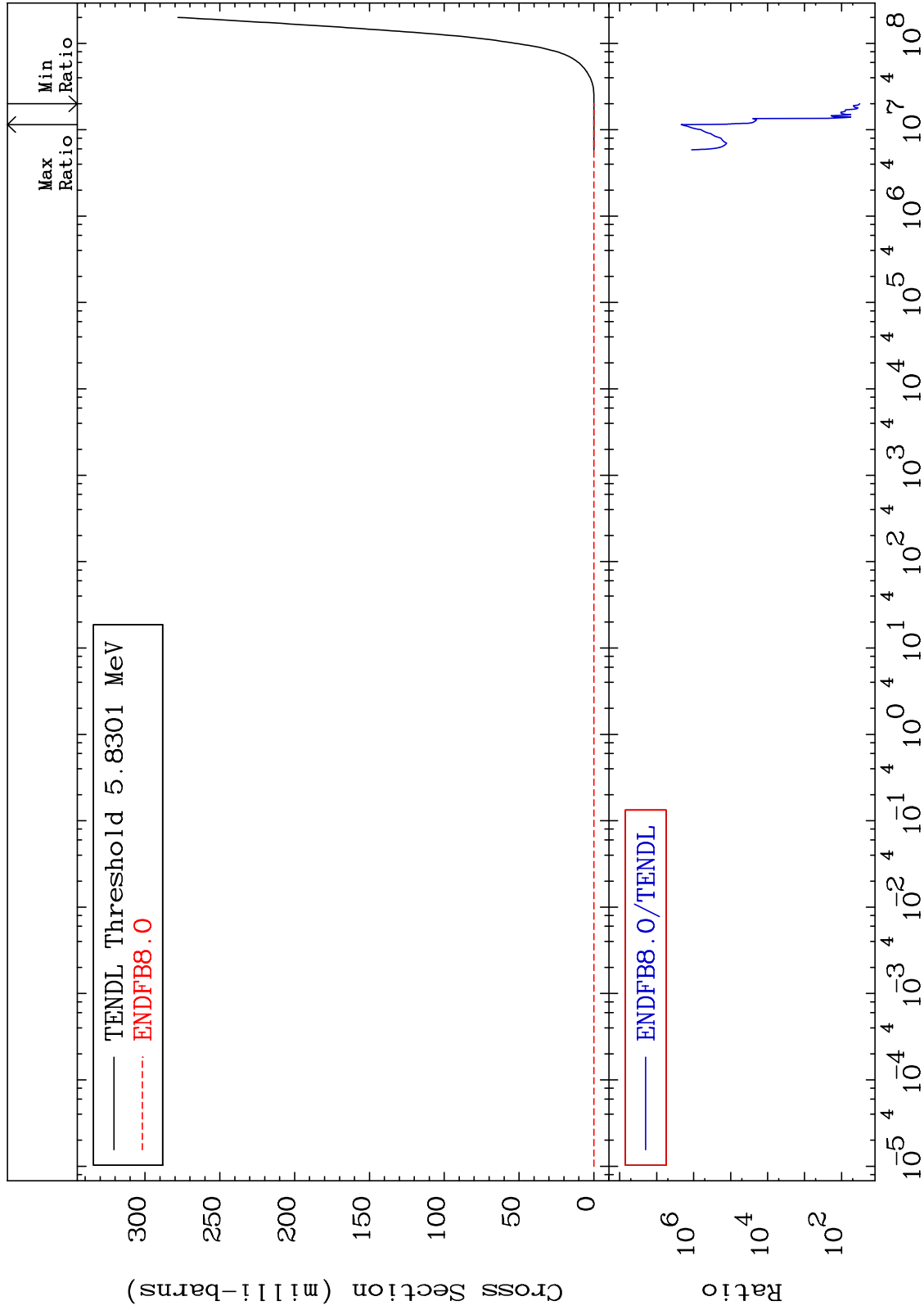


41 75-Re-186

MAT 7529

He-3 Production
Cross Section

75-Re-186
3111. To 9999. %

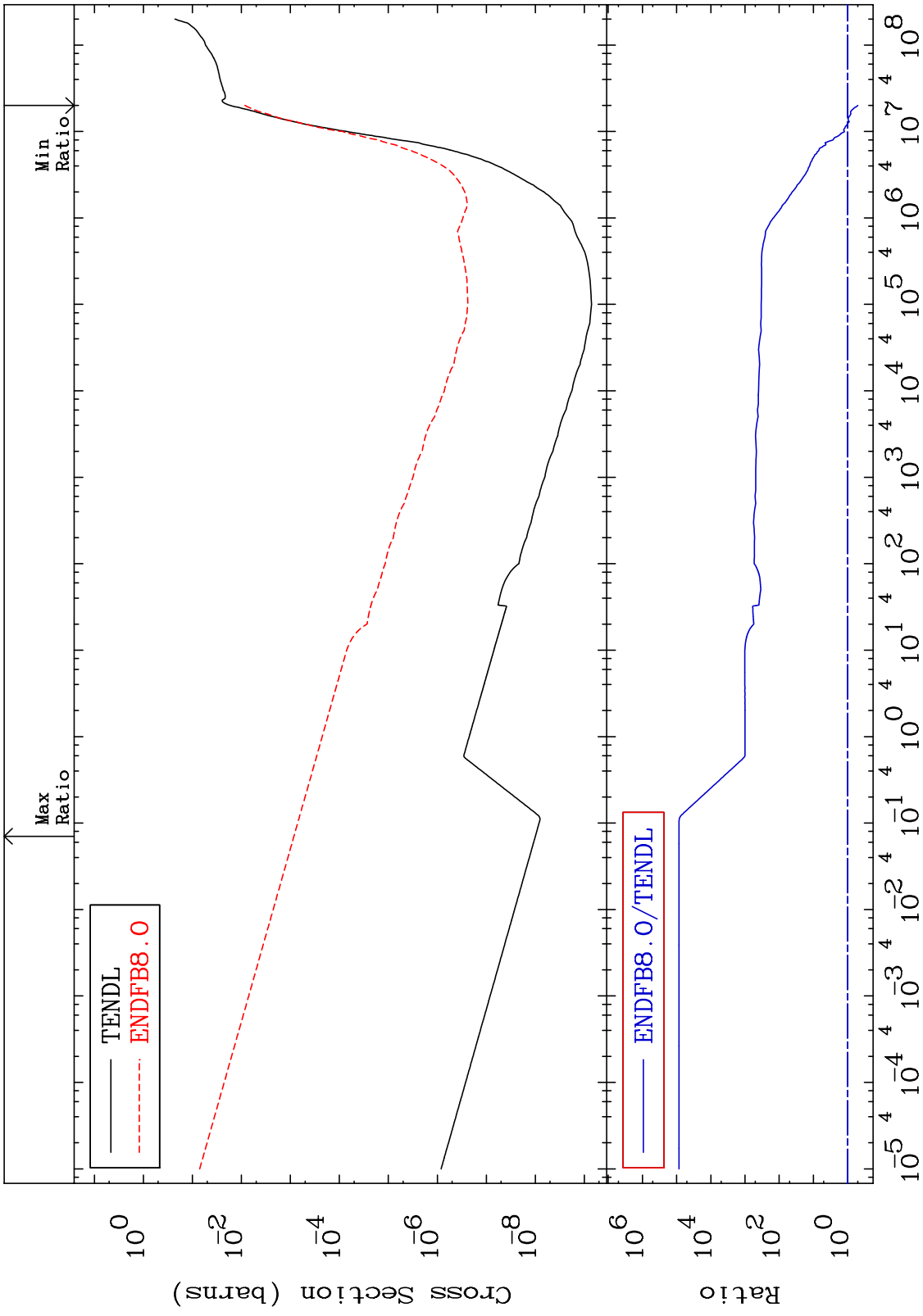


42

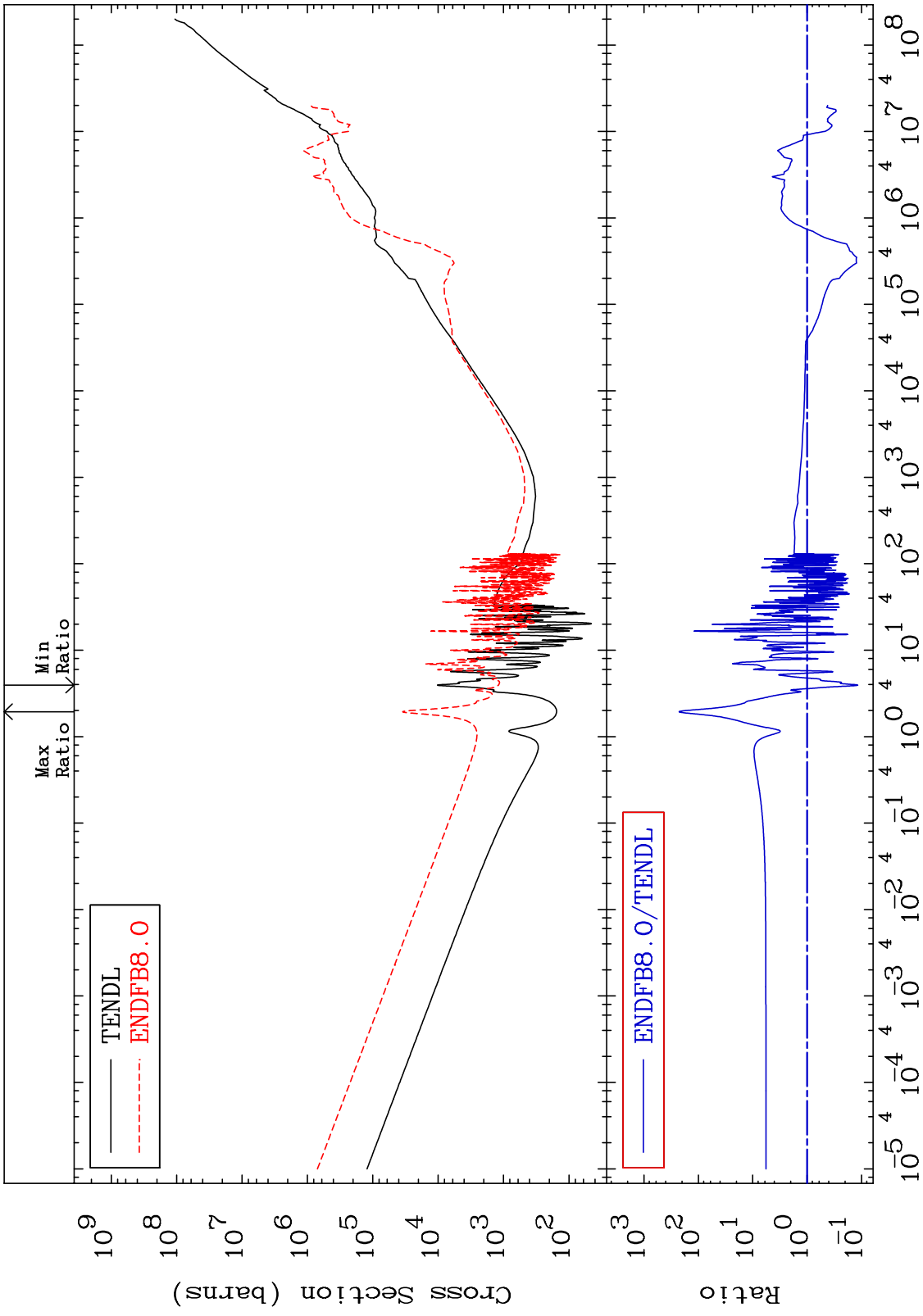
Incident Energy (eV)

75-Re-186

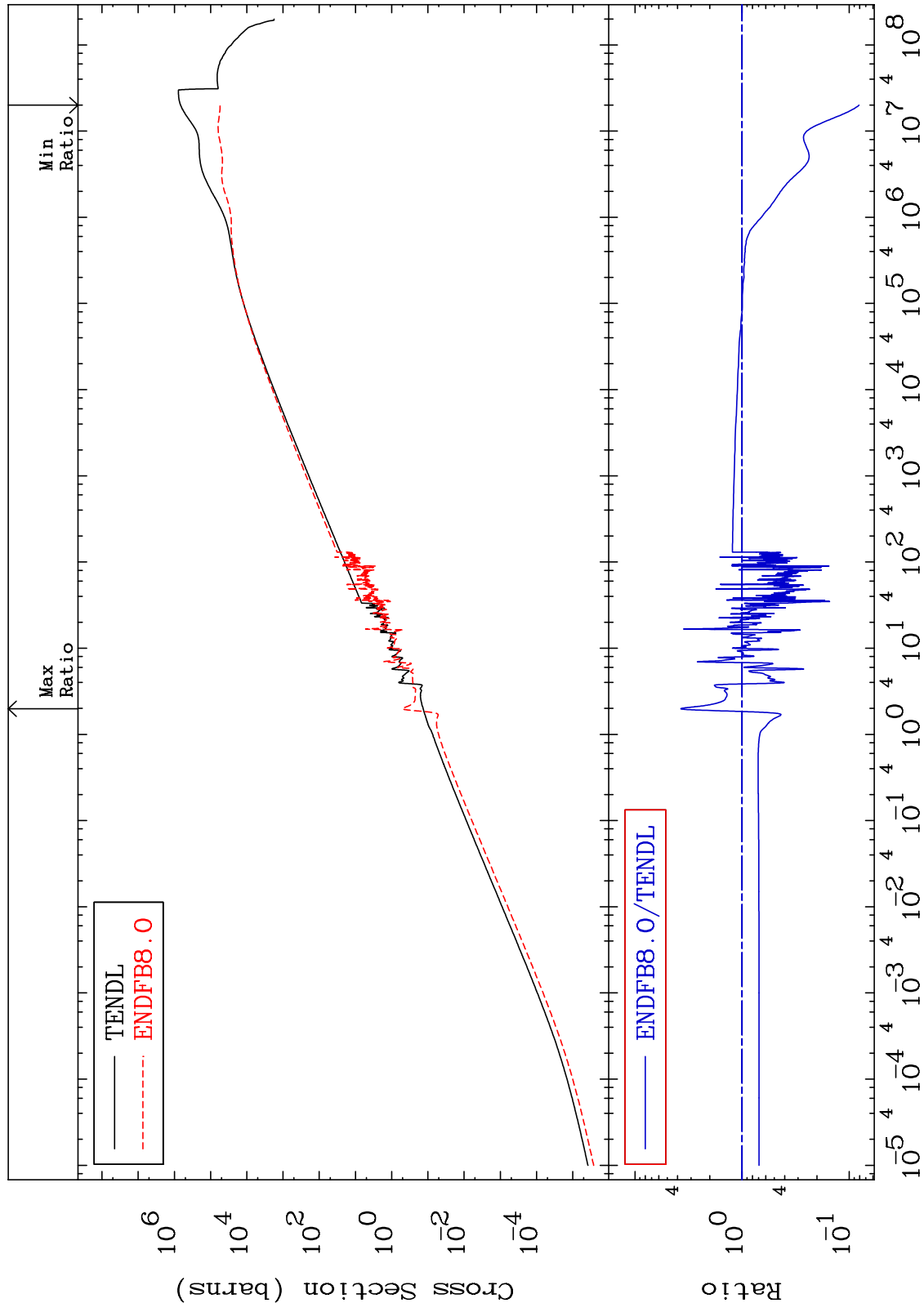
MAT 7529 He-4 Production Cross Section 75-Re-186
 -49.85 To 9999. %



MAT 7529 Kerma total (eV-barns) 75-Re-186
 Cross Section -88.31 To 9999. %

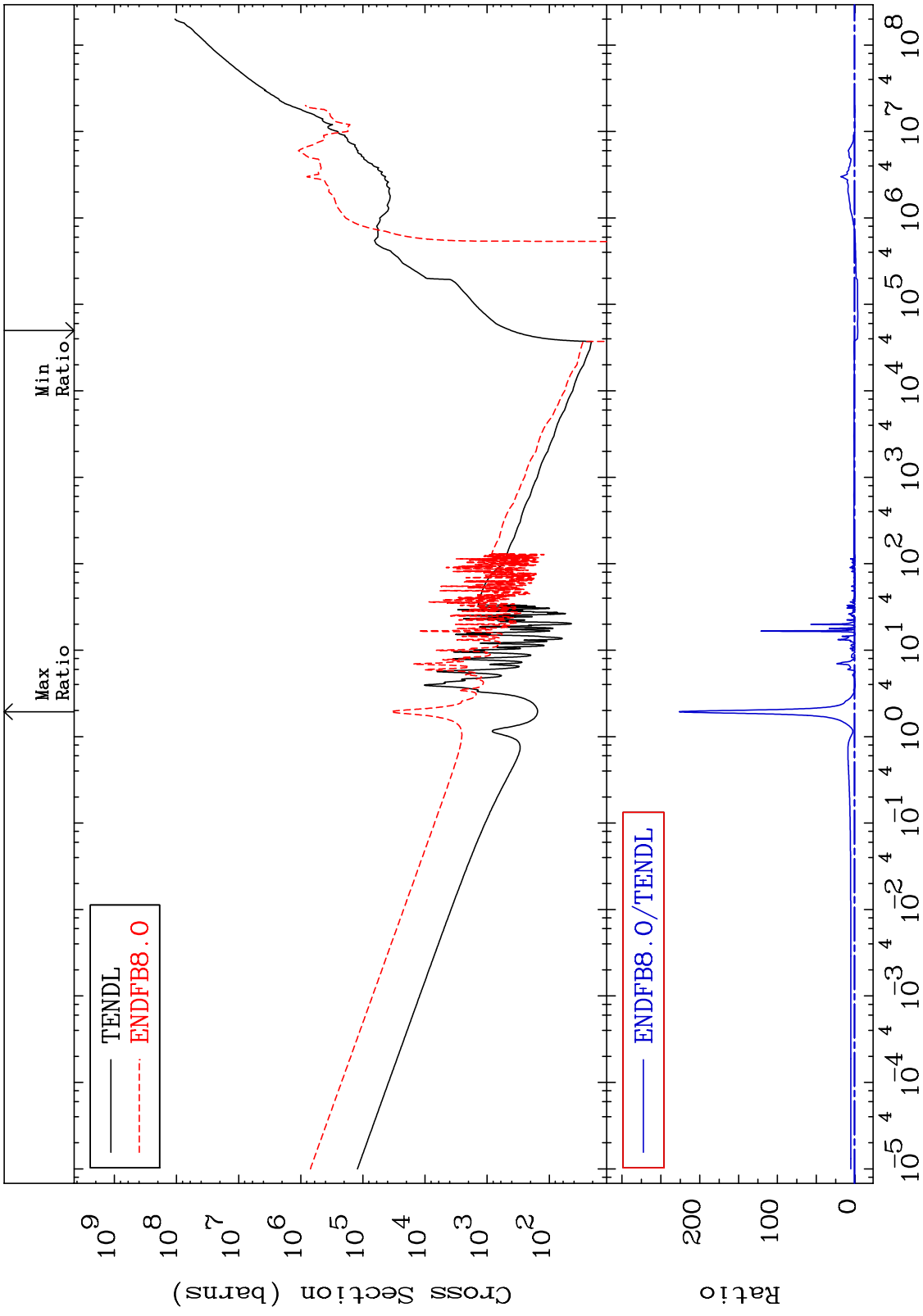


MAT 7529 75-Re-186
Kerma elastic Cross Section -91.91 To 272.7 %

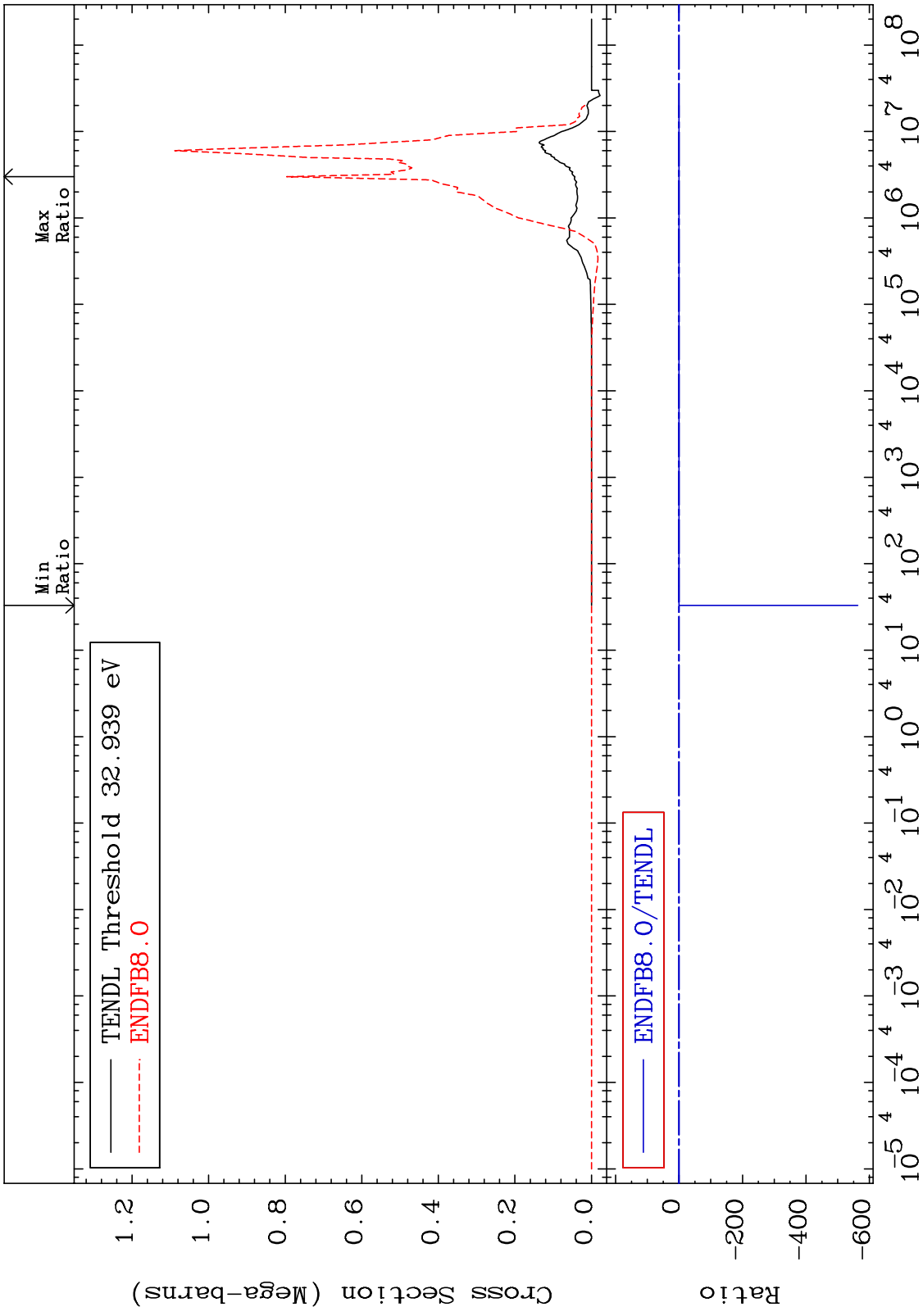


45 75-Re-186

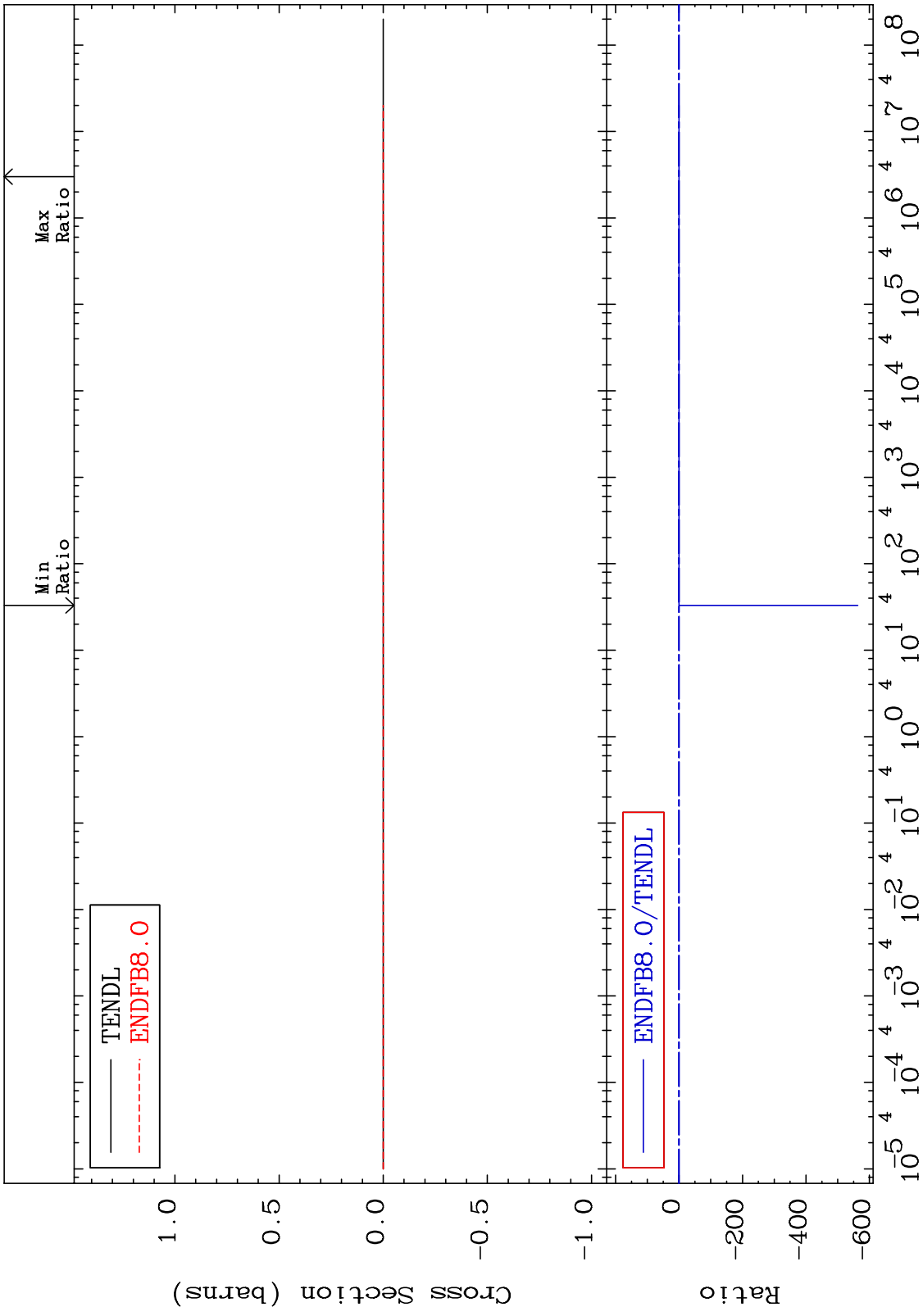
MAT 7529 Kerma non-elastic (all but mt.2) Cross Section 75-Re-186
 -436.2 To 9999. %



MAT 7529 Kerma inelastic (mt51-91) 75-Re-186
 Cross Section -9999. To 1749. %

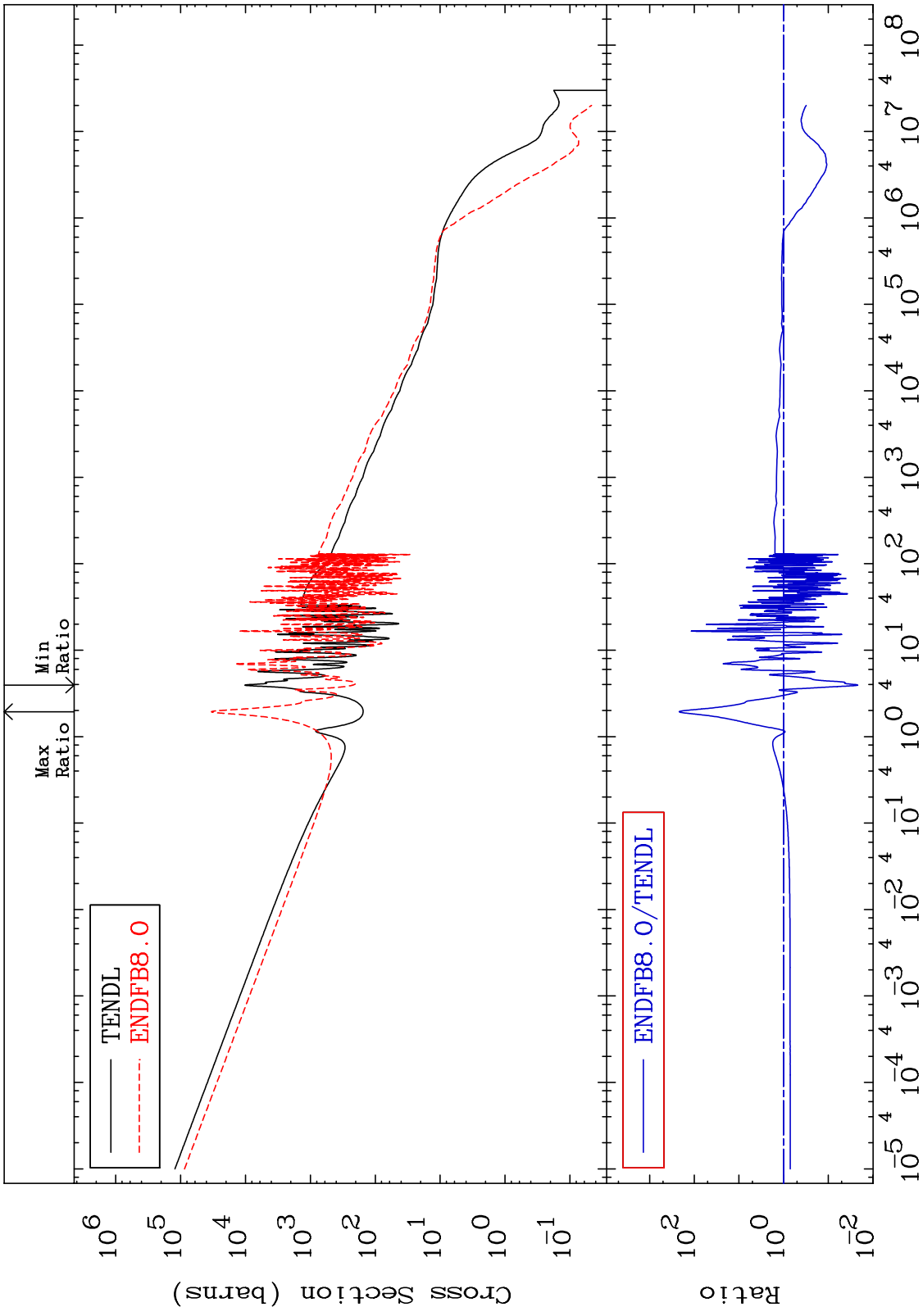


MAT 7529 Kerma fission (mt18 or mt19-20-21-38) 75-Re-186
 Cross Section -9999. To 1749. %



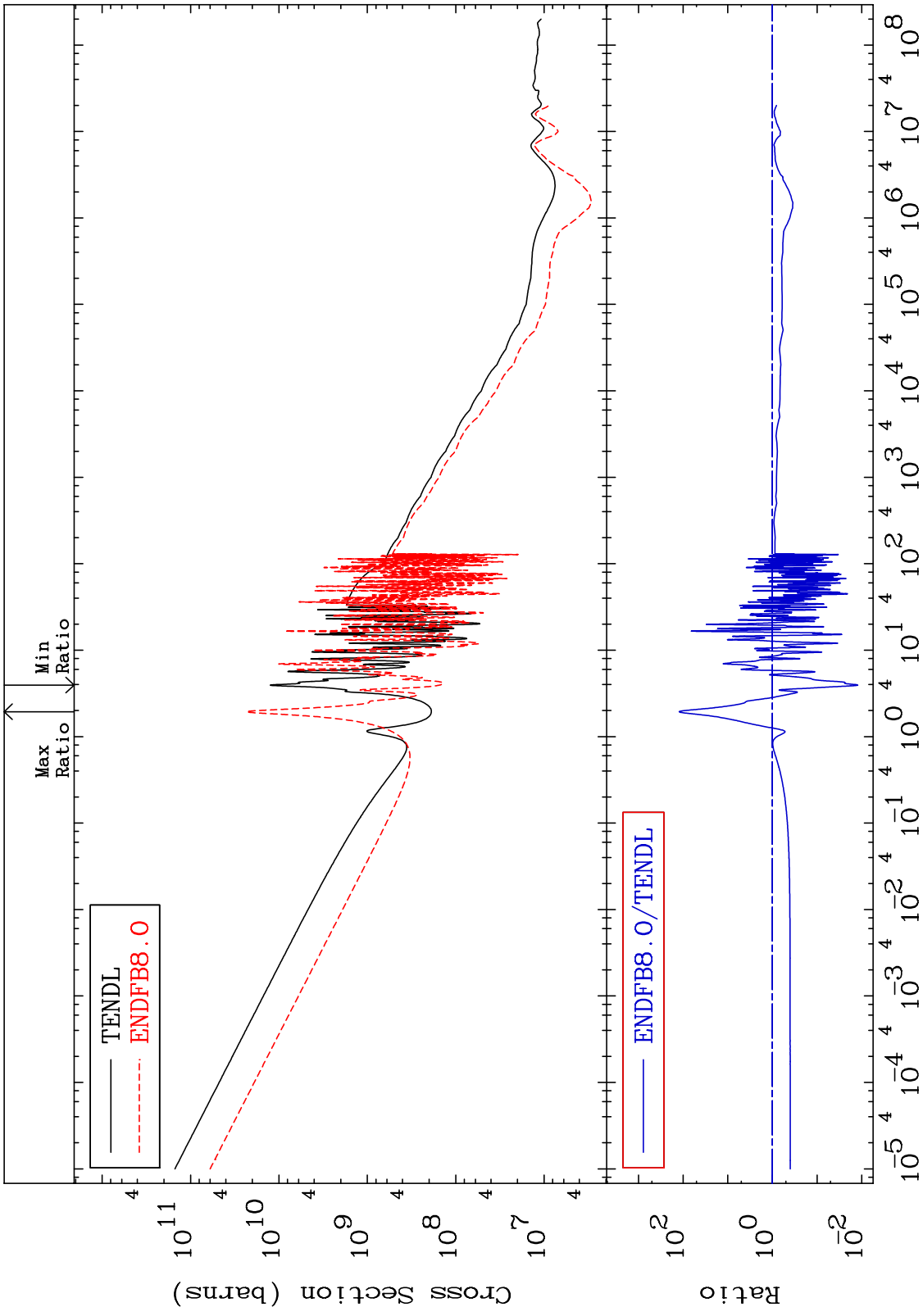
48 Incident Energy (eV) 75-Re-186

MAT 7529 Kerma capture (mt102) 75-Re-186
 -97.84 To 9999. %
 Cross Section



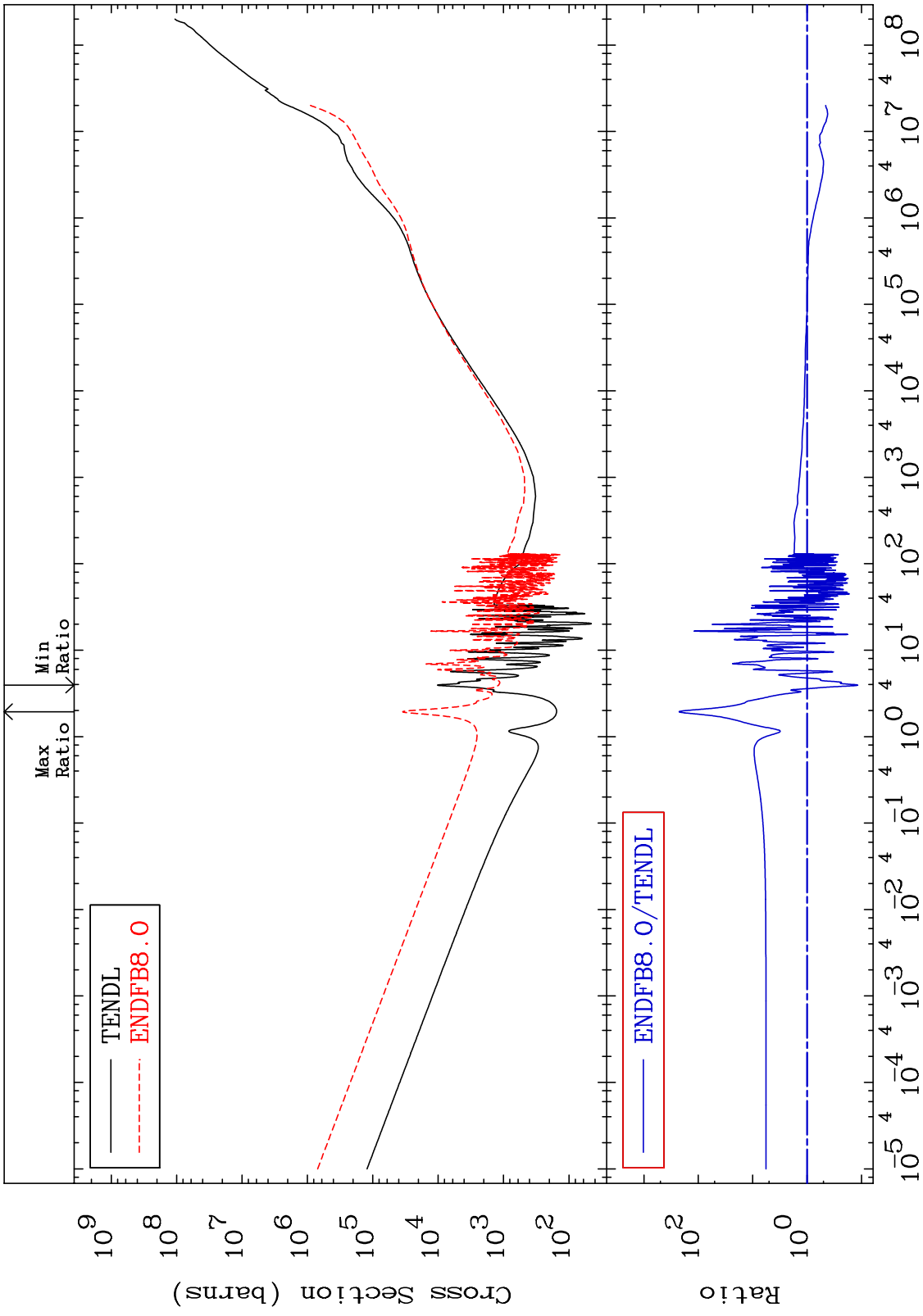
49 Incident Energy (eV) 75-Re-186

MAT 7529 75-Re-186
-98.78 To 9999. %
 Total photon (eV-barns)
 Cross Section



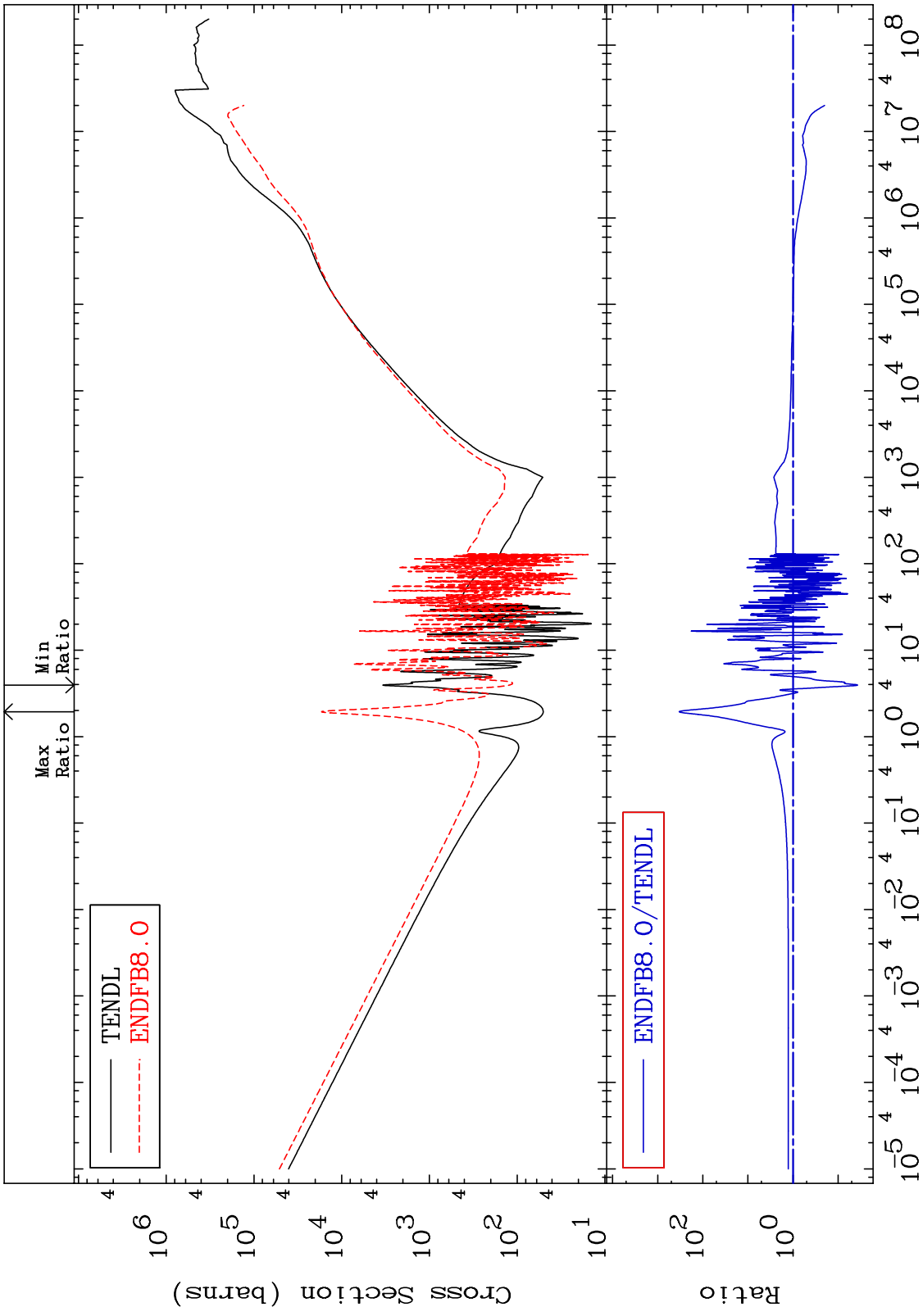
Incident Energy (eV) 75-Re-186

MAT 7529 Total kinematic kerma (high limit) 75-Re-186
 Cross Section -88.37 To 9999. %

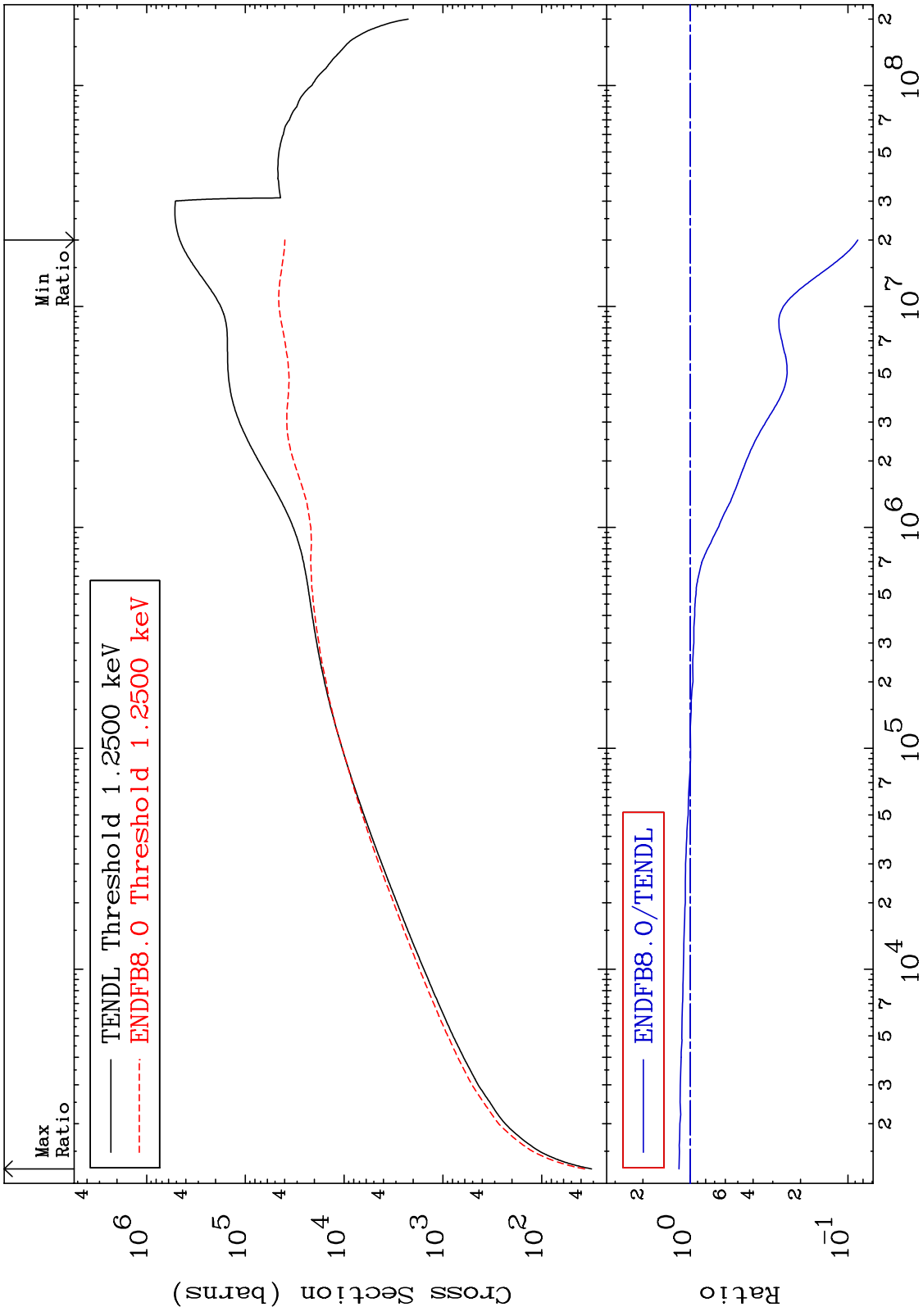


Incident Energy (eV) 75-Re-186

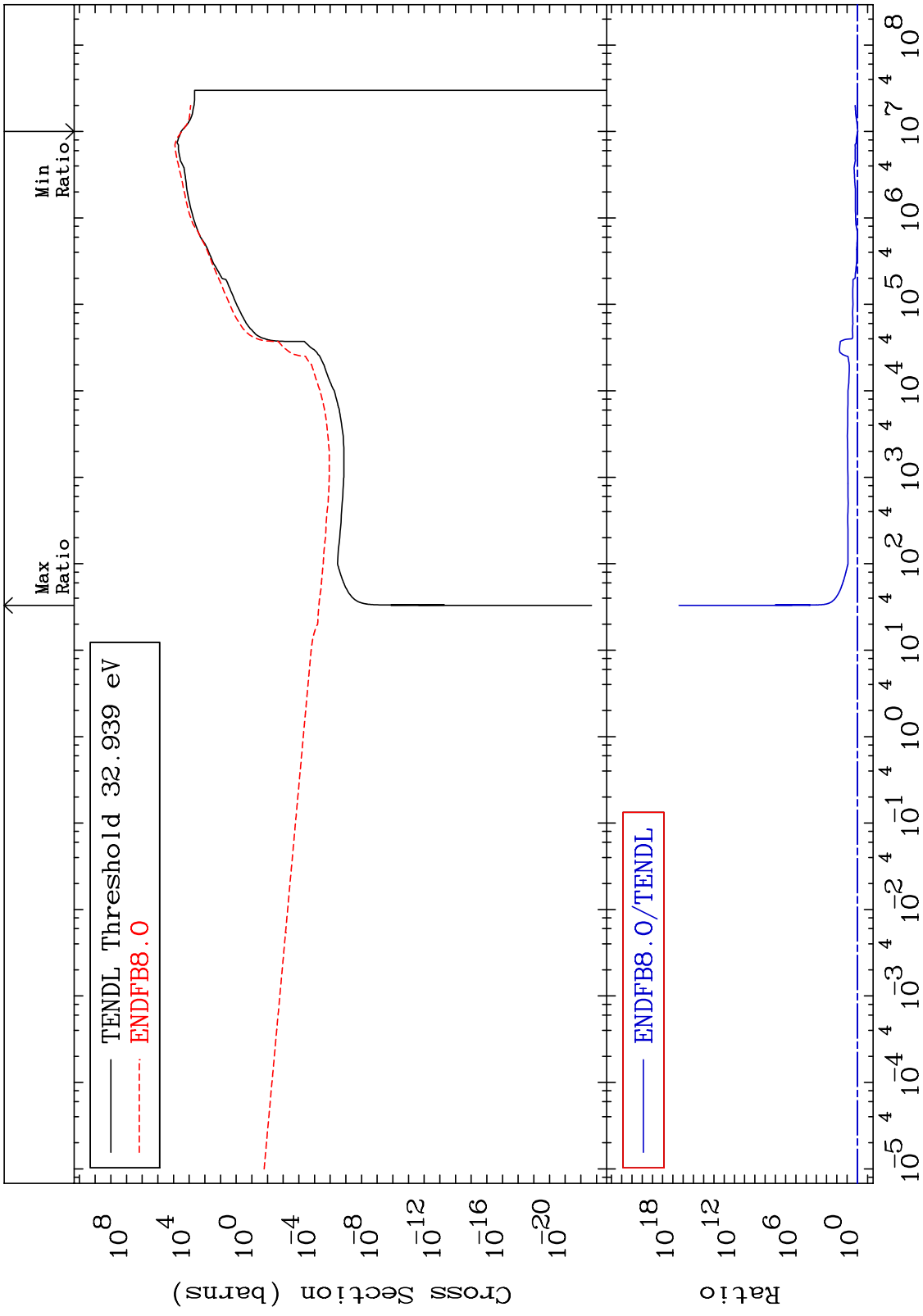
MAT 7529 75-Re-186
 Dpa total (eV-barns) -96.34 To 9999. %
 Cross Section



MAT 7529 Dpa elastic (mt2) 75-Re-186
 Cross Section -91.36 To 17.90 %



MAT 7529 Dpa inelastic (mt51-91) 75-Re-186
 Cross Section -10.63 To 9999. %



MAT 7529 Dpa disappearance (mt102 -120) 75-Re-186
 Cross Section -96.67 To 9999. %

