

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

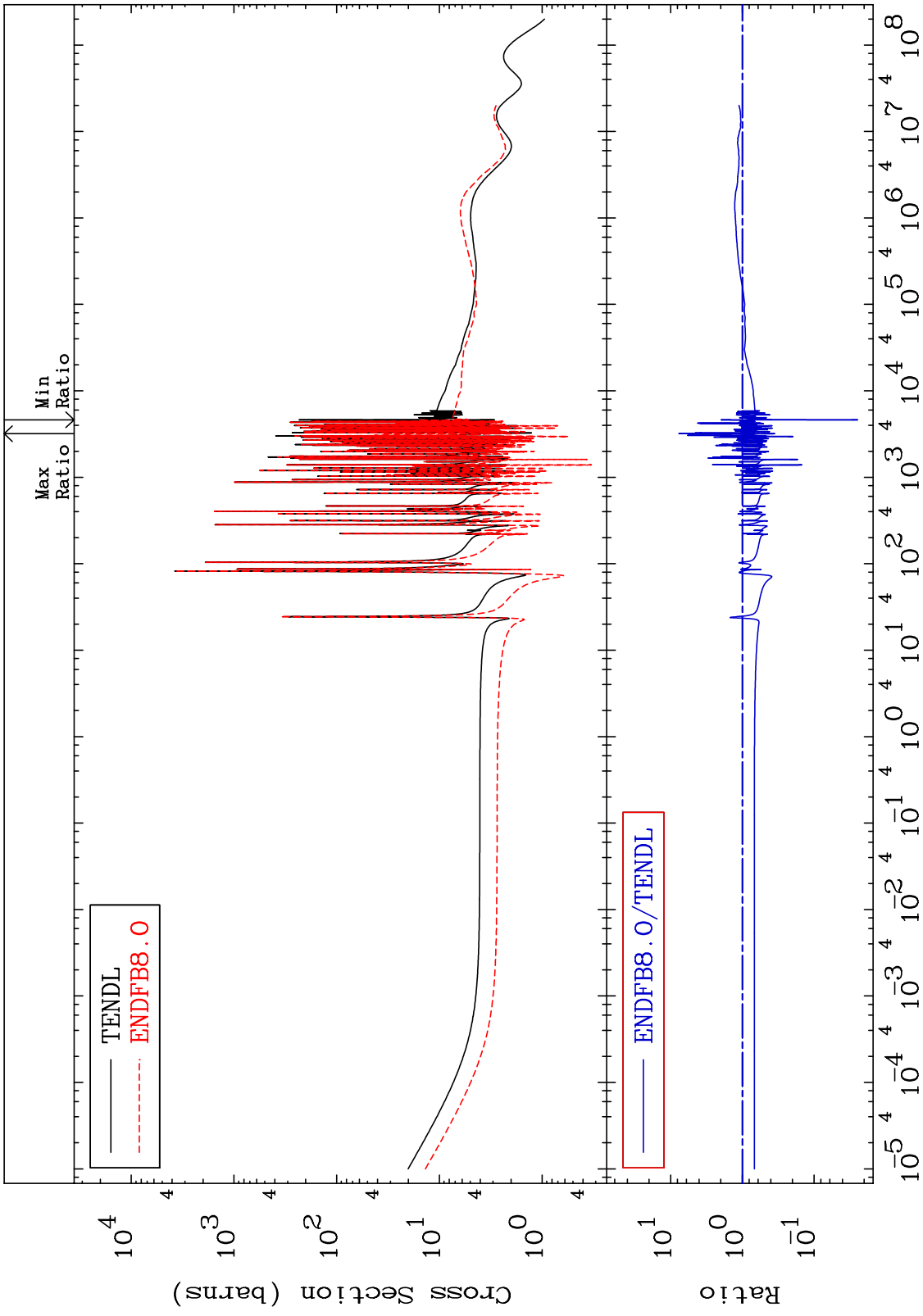
U.S.A.

Tele: 925-443-1911

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

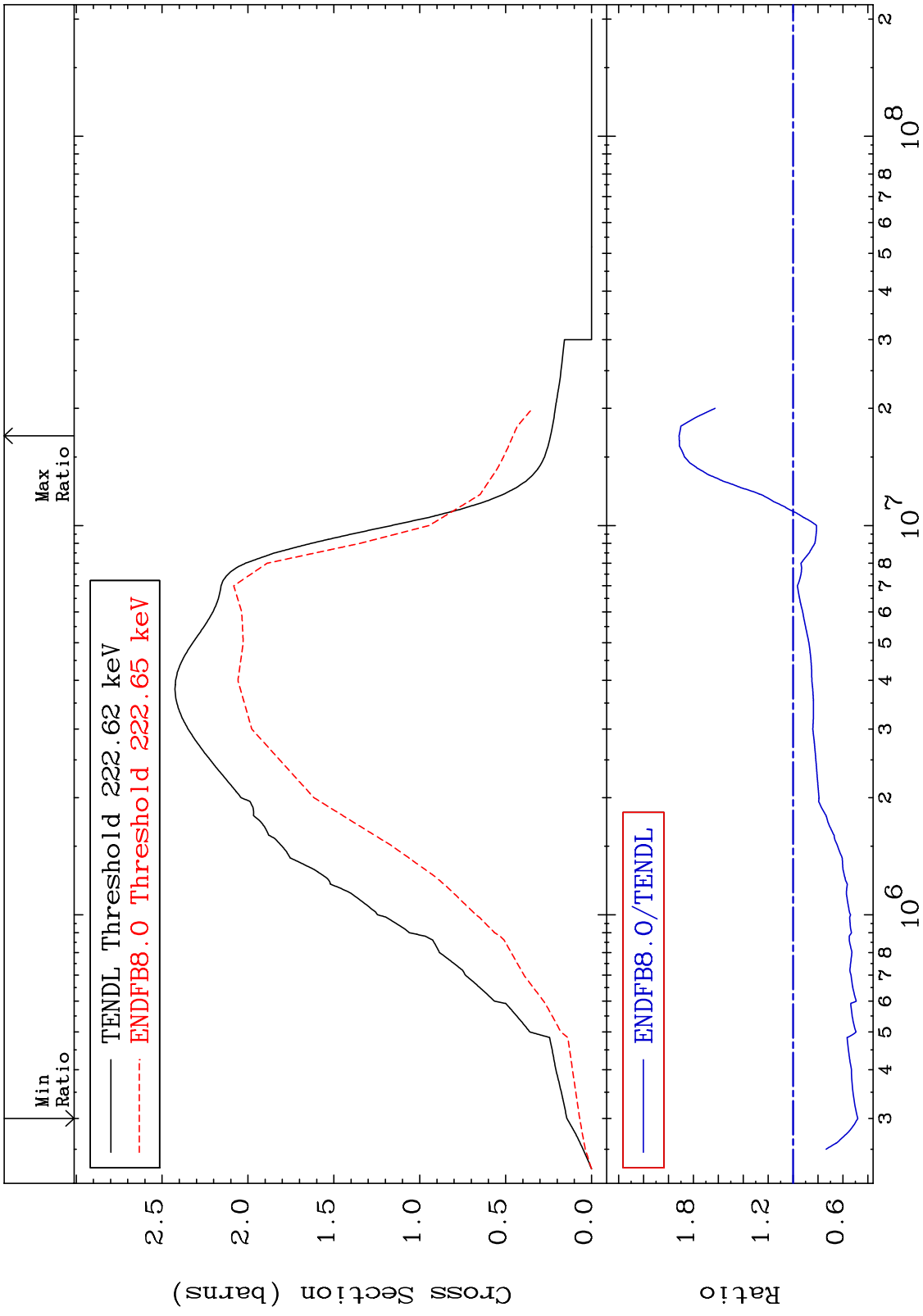
Press Mouse Button to Start

MAT 5640 Elastic Cross Section 56-Ba-135 -97.56 To 661.8 %

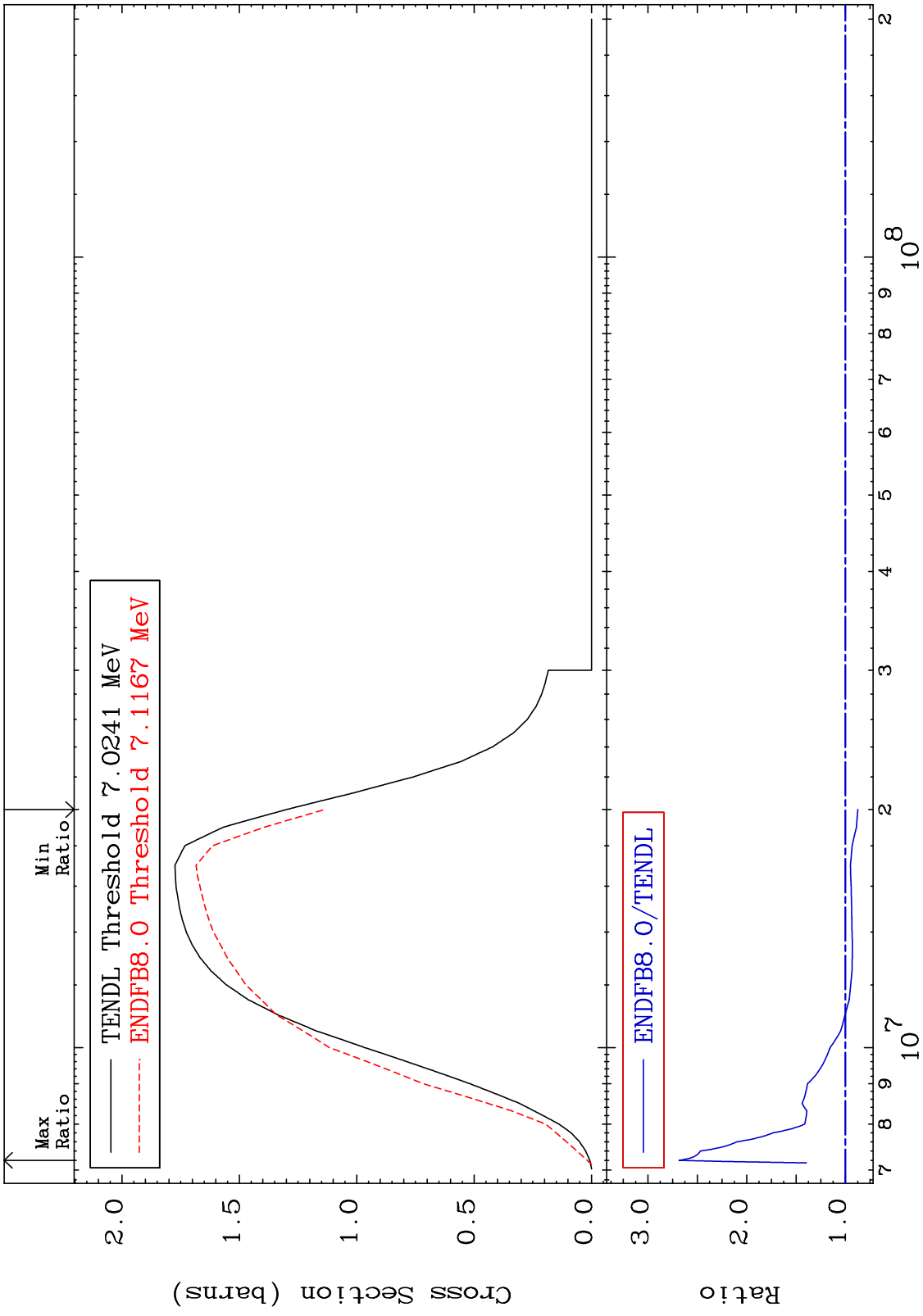


2 56-Ba-135

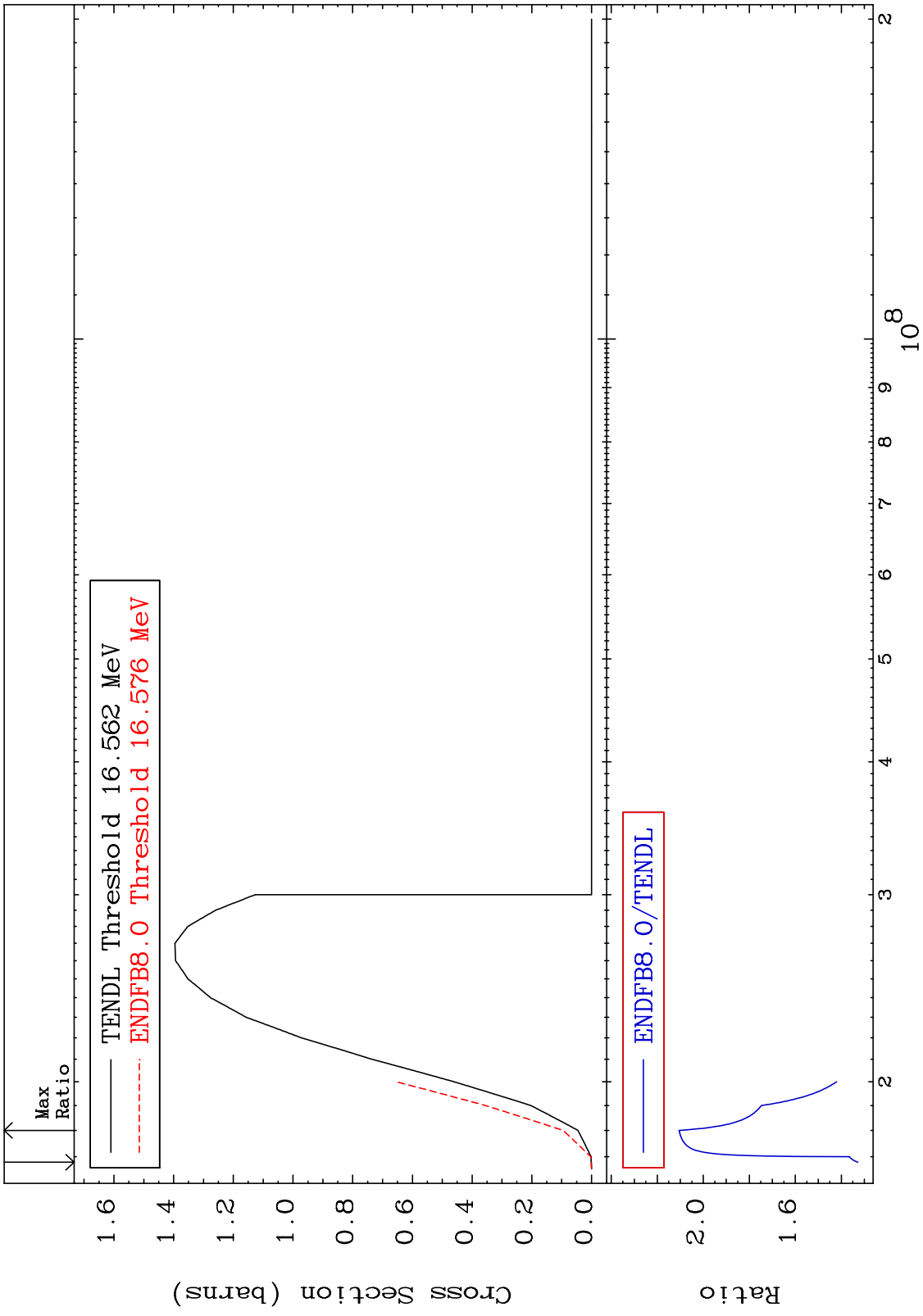
MAT 5640 Inelastic Cross Section 56-Ba-135 -51.90 To 91.53 %



MAT 5640 56-Ba-135
-12.57 To 168.5 %
 (n,2n)
 Cross Section

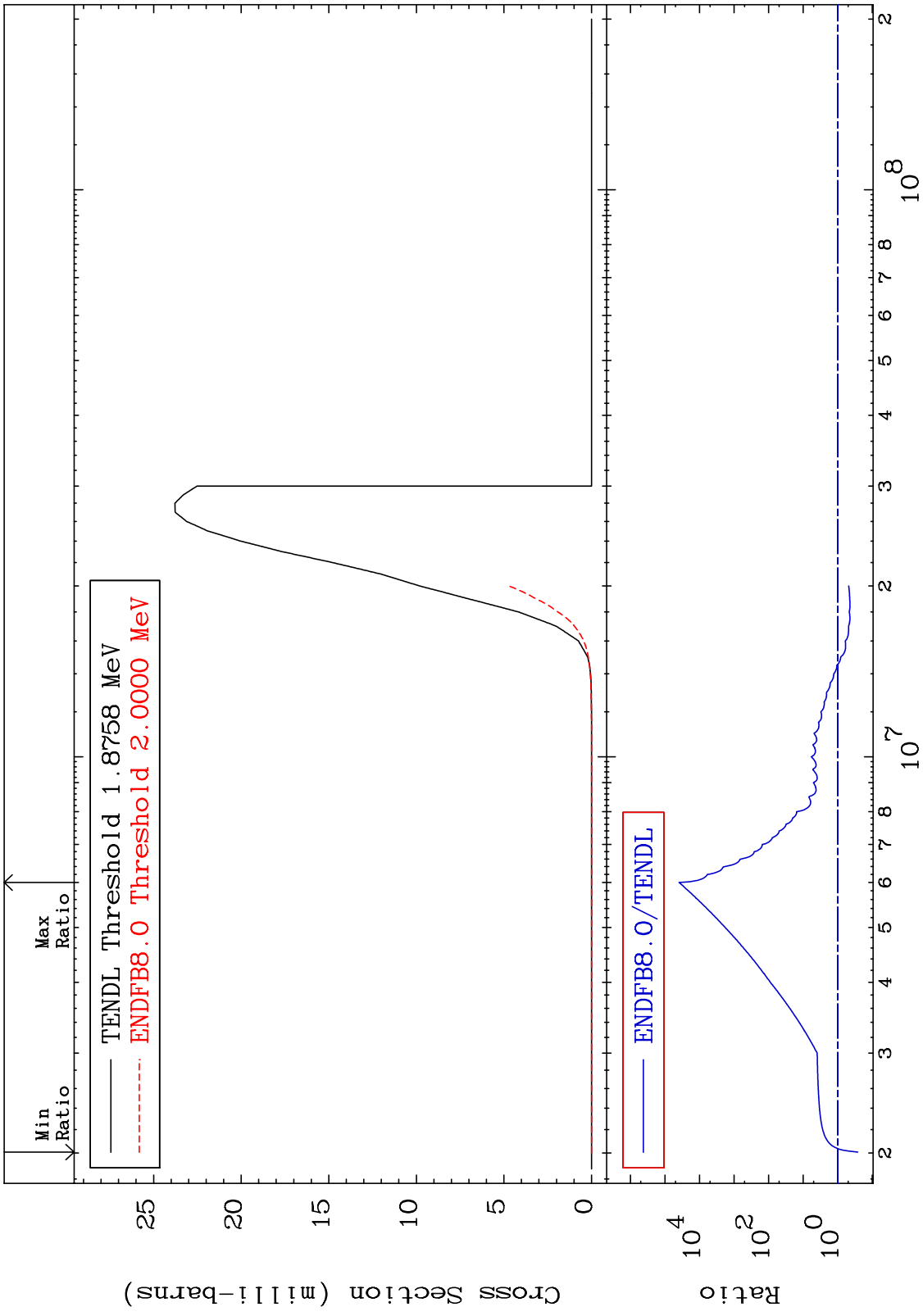


MAT 5640 (n,3n) Cross Section 56-Ba-135 32.82 To 110.5 %

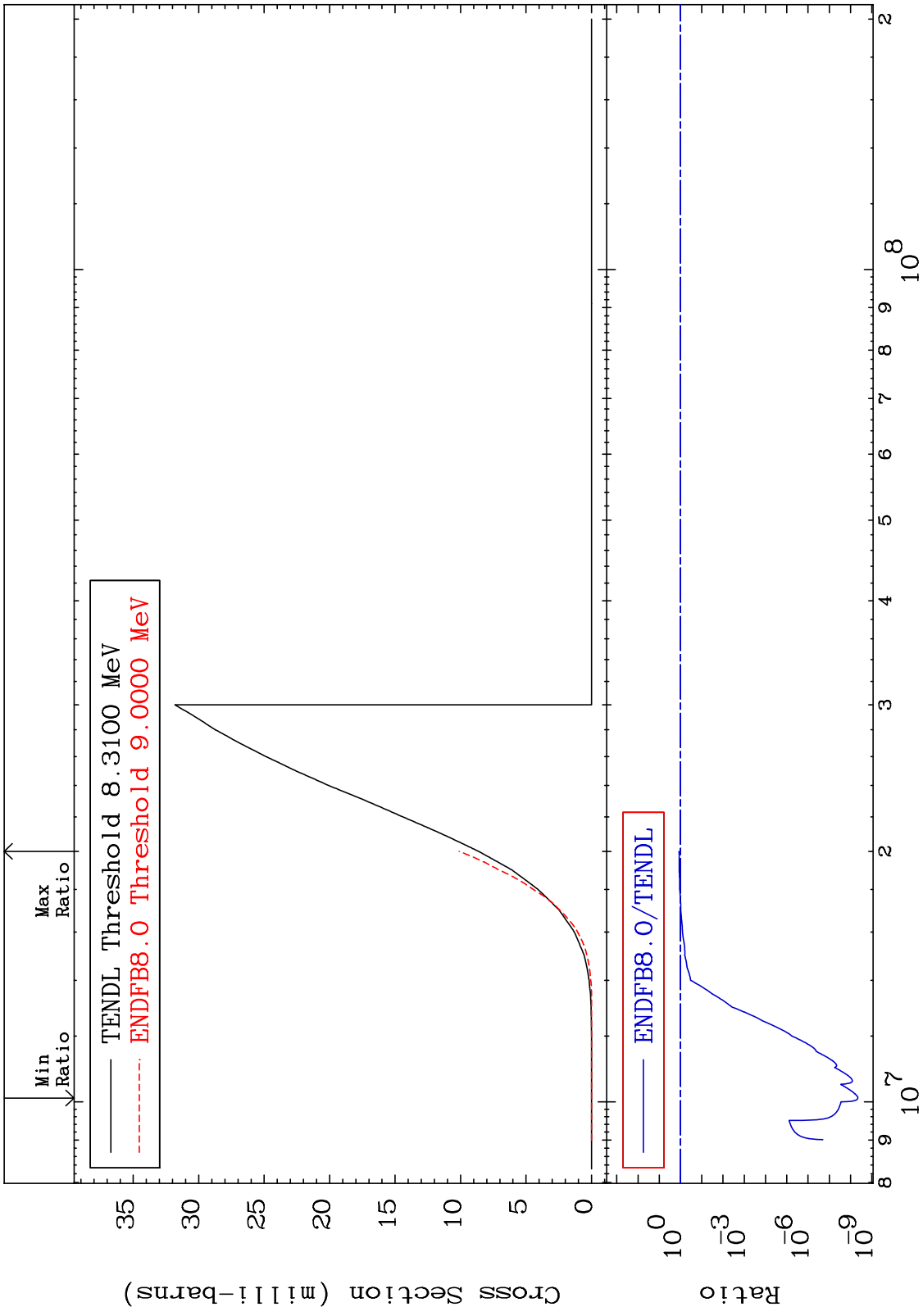


5 Incident Energy (eV) 56-Ba-135

MAT 5640 $(n, n') \alpha$ 56-Ba-135
 Cross Section -73.88 To 9999. %

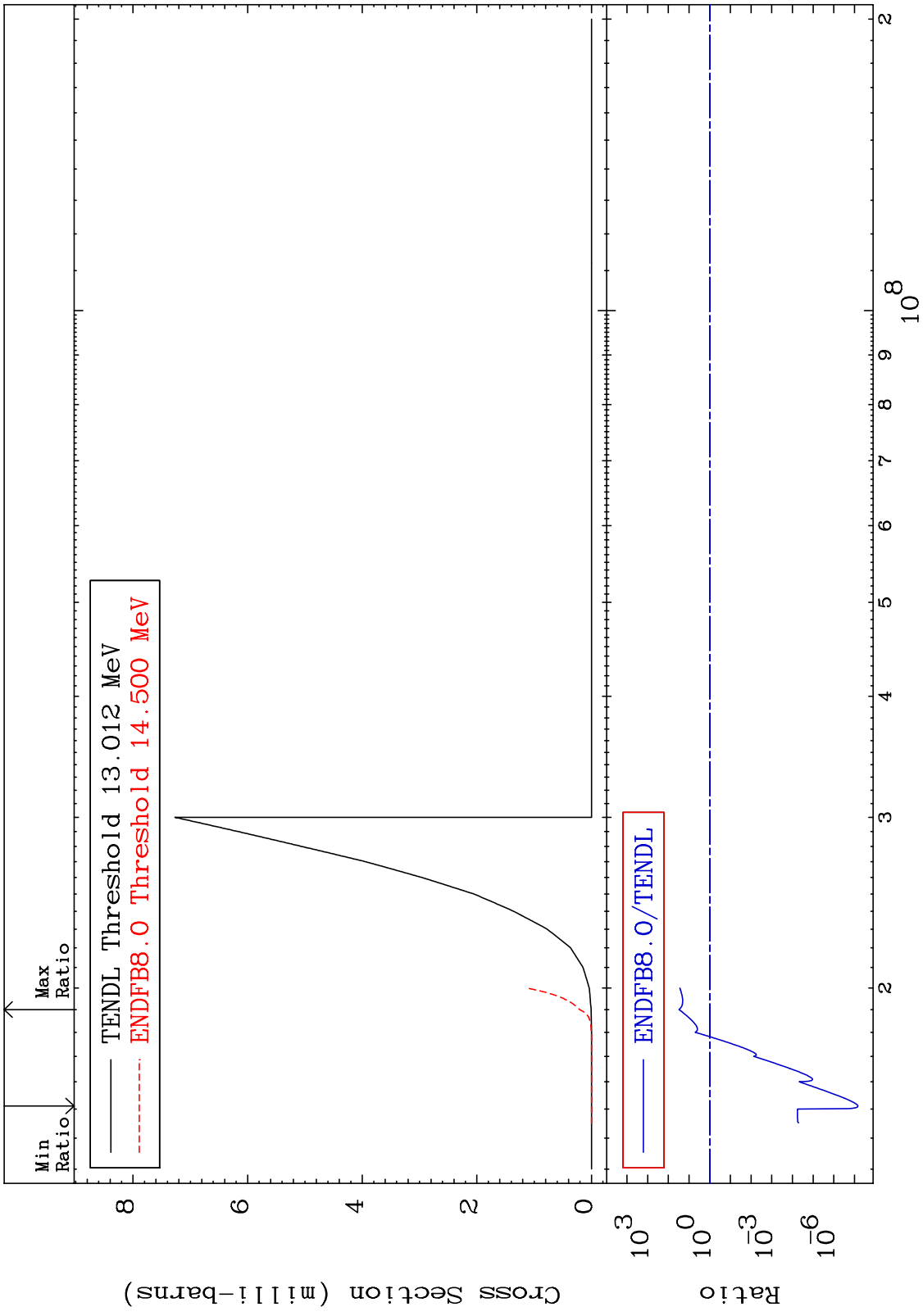


MAT 5640 (n,n') p 56-Ba-135
 Cross Section -100.0 To 17.21 %

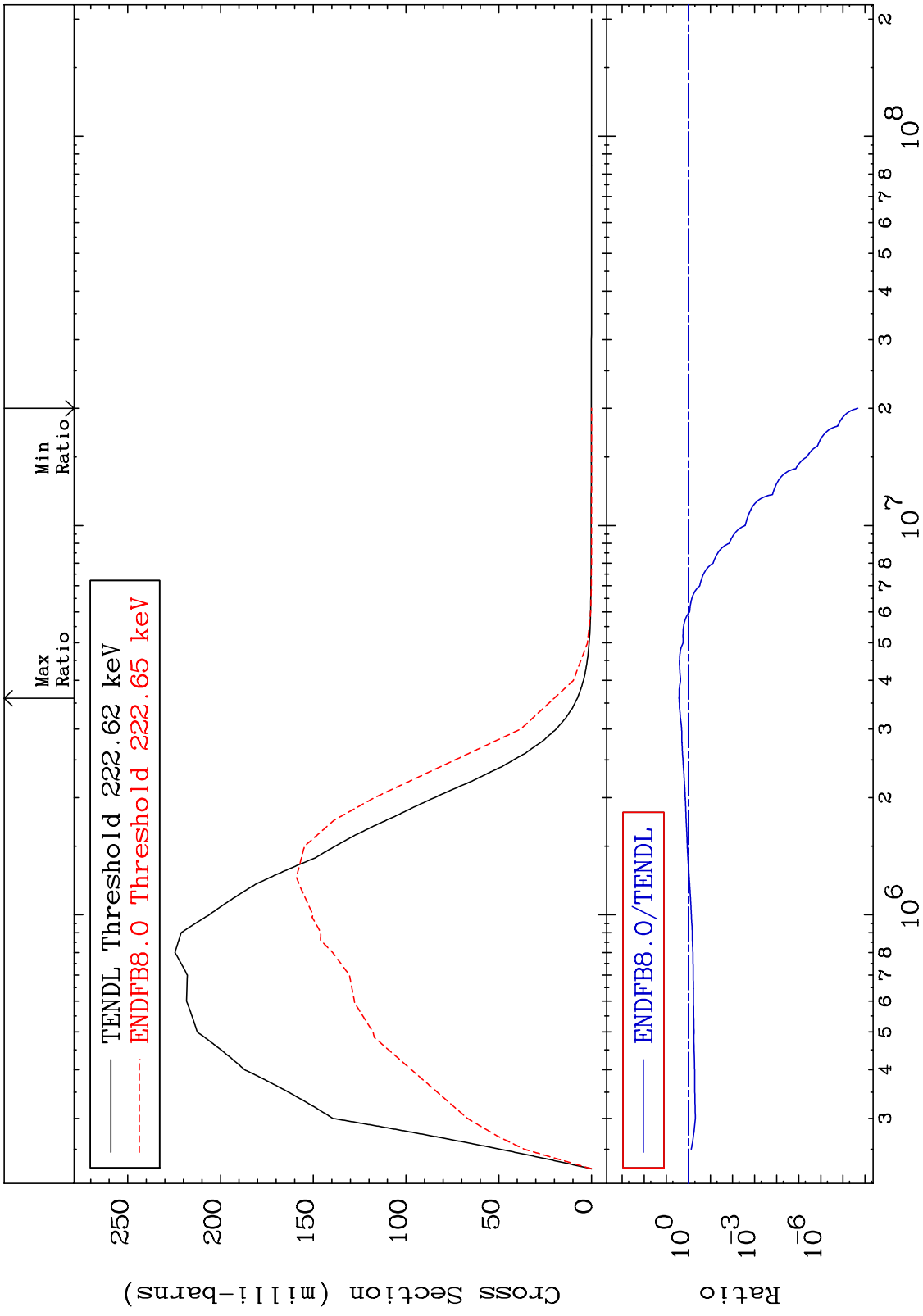


7 Incident Energy (eV) 56-Ba-135

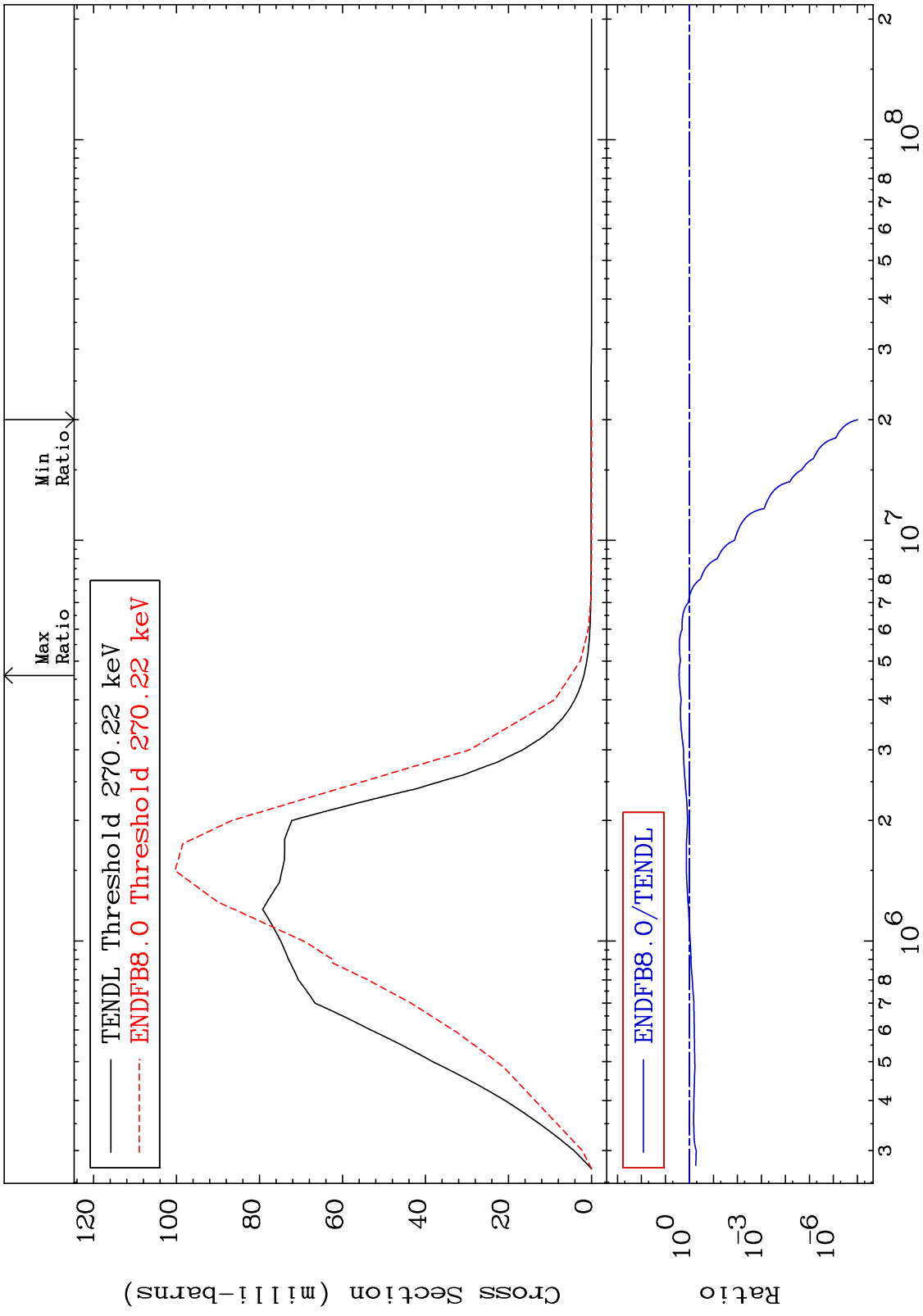
MAT 5640 (n, n') d 56-Ba-135
 Cross Section -100.0 To 2941. %



MAT 5640 MT= 51 (n,n') Level Cross Section 56-Ba-135 -100.0 To 163.6 %

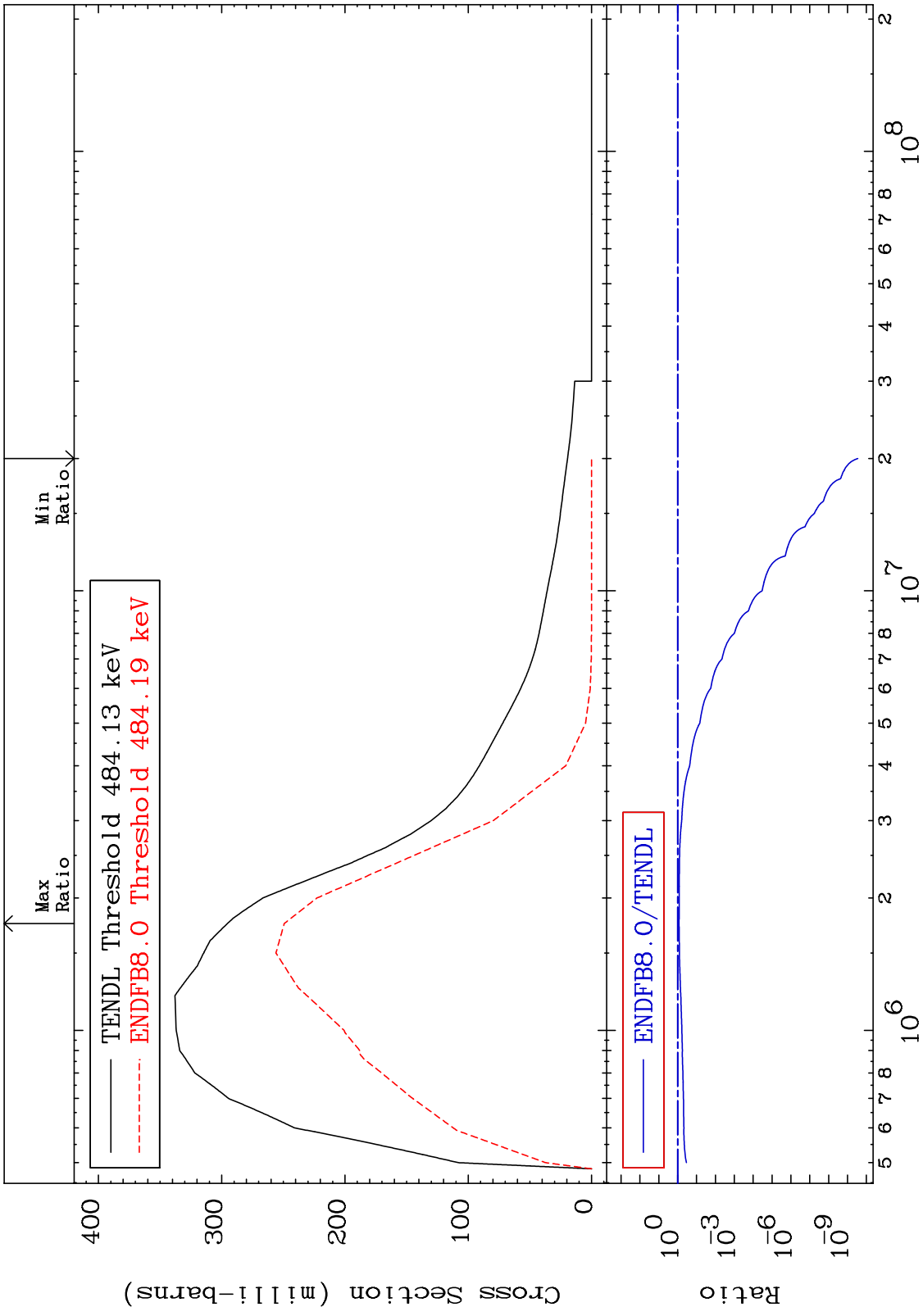


MAT 5640 MT= 52 (n,n') Level Cross Section 56-Ba-135
 -100.0 To 171.2 %

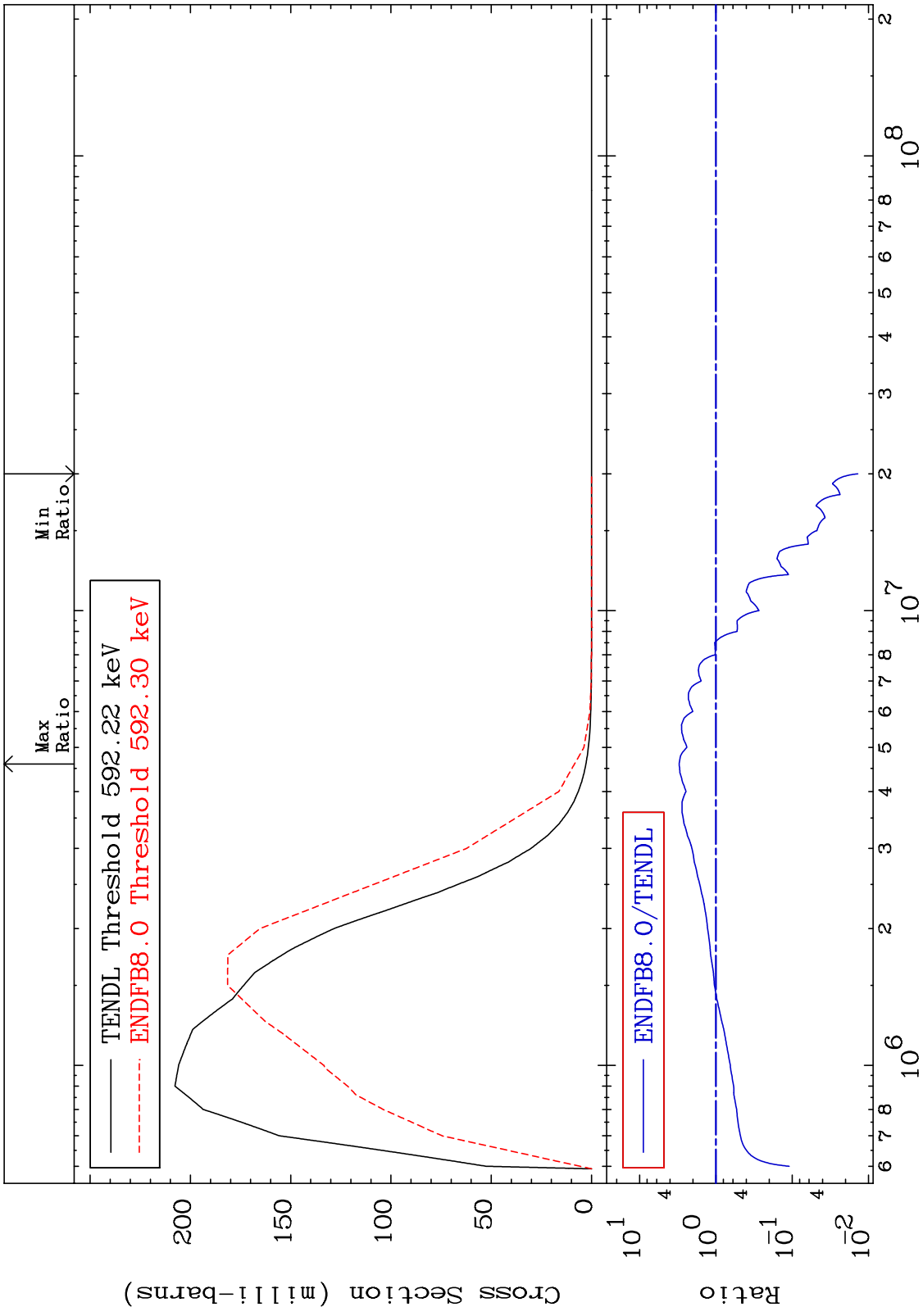


10 Incident Energy (eV) 56-Ba-135

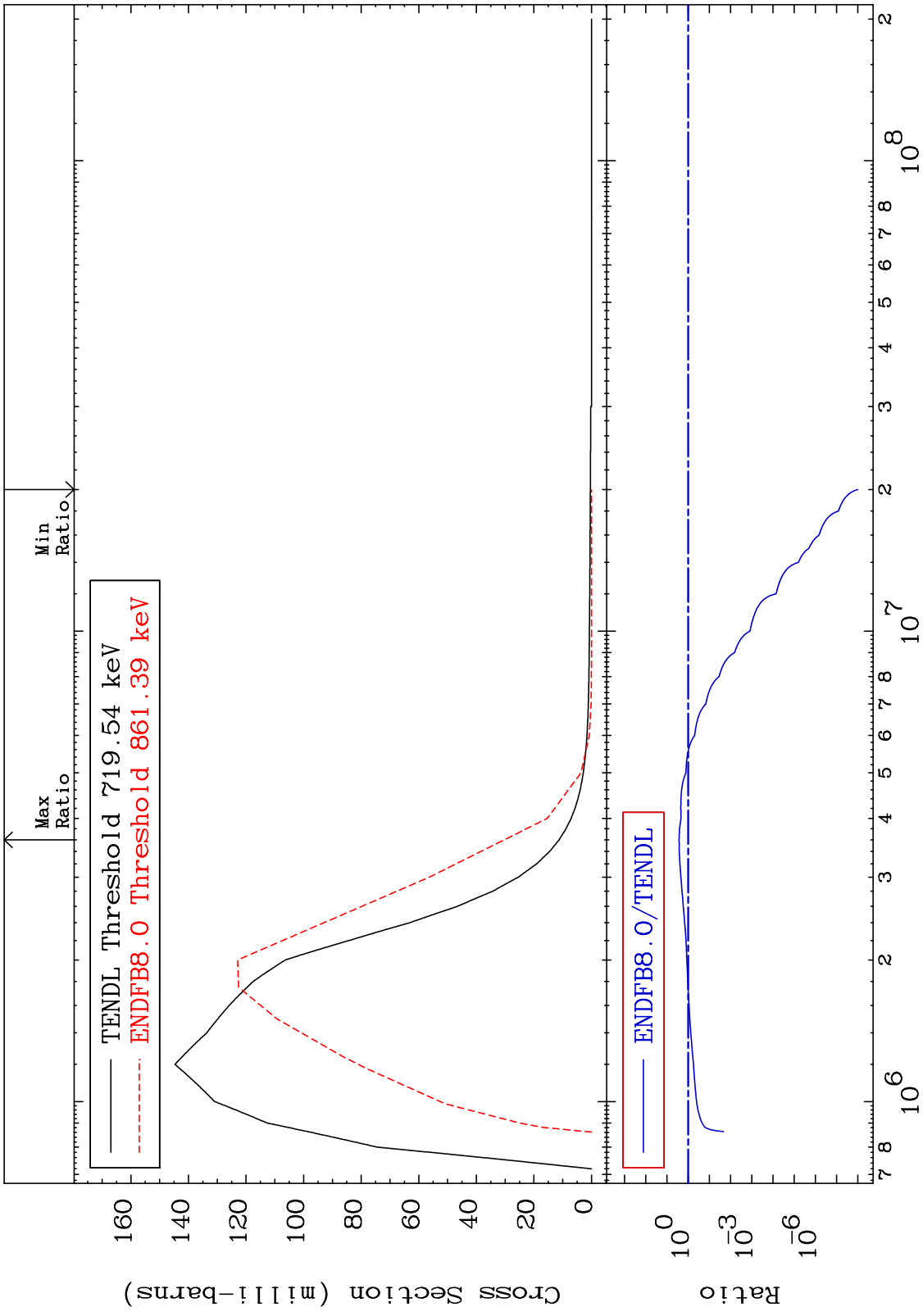
MAT 5640 MT= 53 (n,n') Level Cross Section 56-Ba-135
 -100.0 To -15.60%



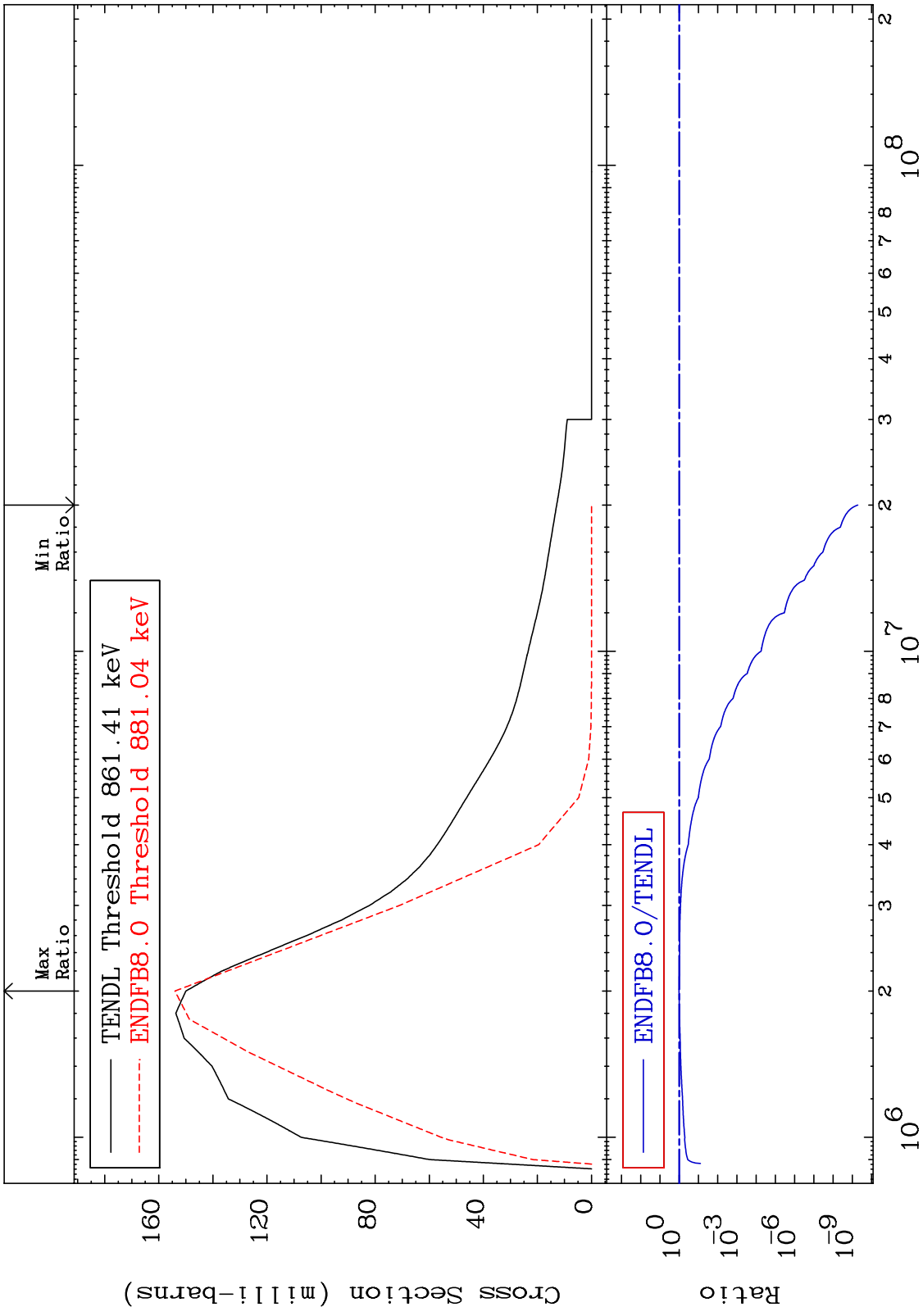
MAT 5640 MT= 54 (n,n') Level Cross Section 56-Ba-135 -98.62 To 204.8 %



MAT 5640 MT= 55 (n,n') Level Cross Section 56-Ba-135
 -100.0 To 169.7 %

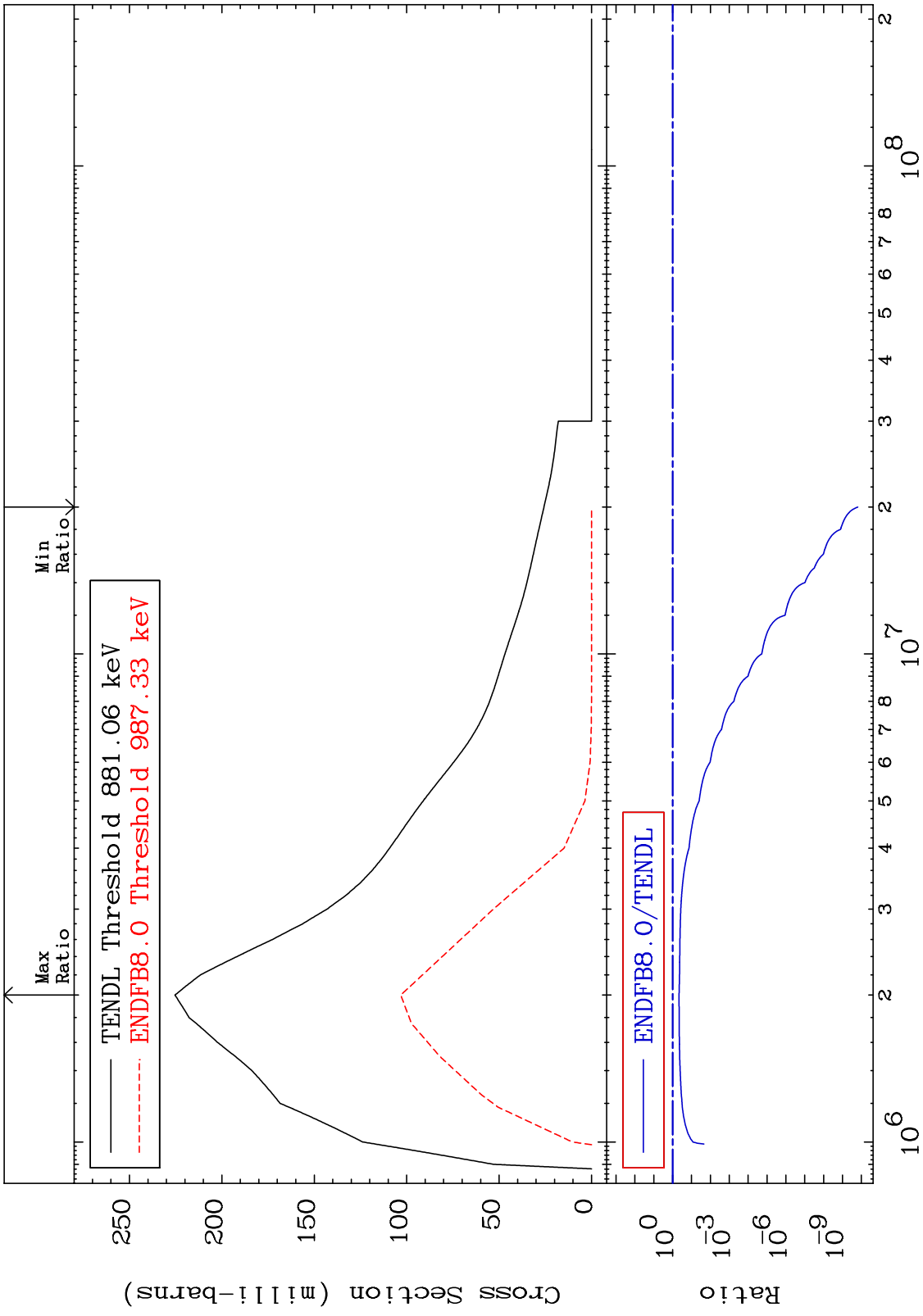


MAT 5640 MT= 56 (n,n') Level Cross Section 56-Ba-135 -100.0 To 2.695 %

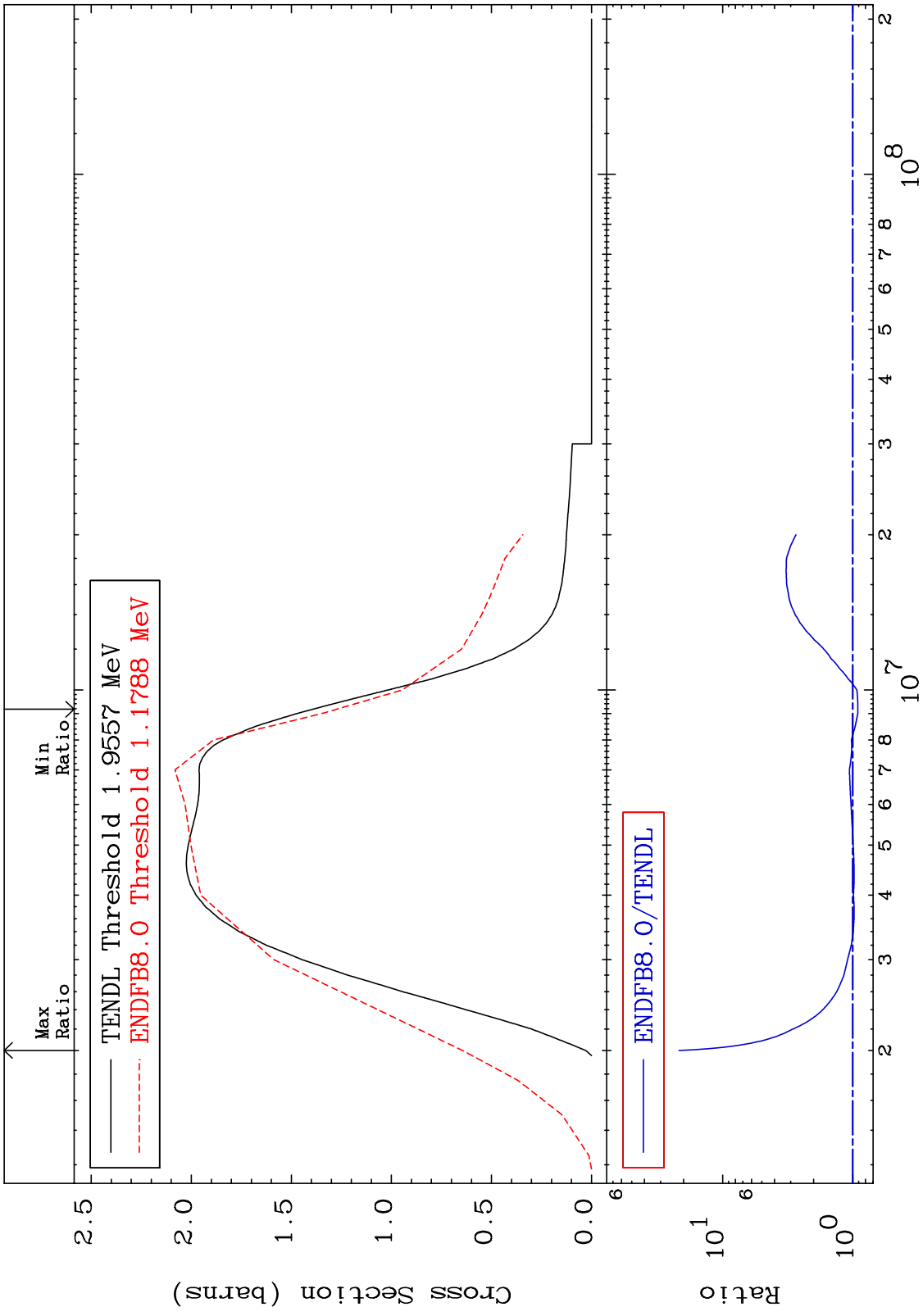


14 56-Ba-135

MAT 5640 MT= 57 (n,n') Level Cross Section 56-Ba-135 -100.0 To -54.21%



15 Incident Energy (eV) 56-Ba-135



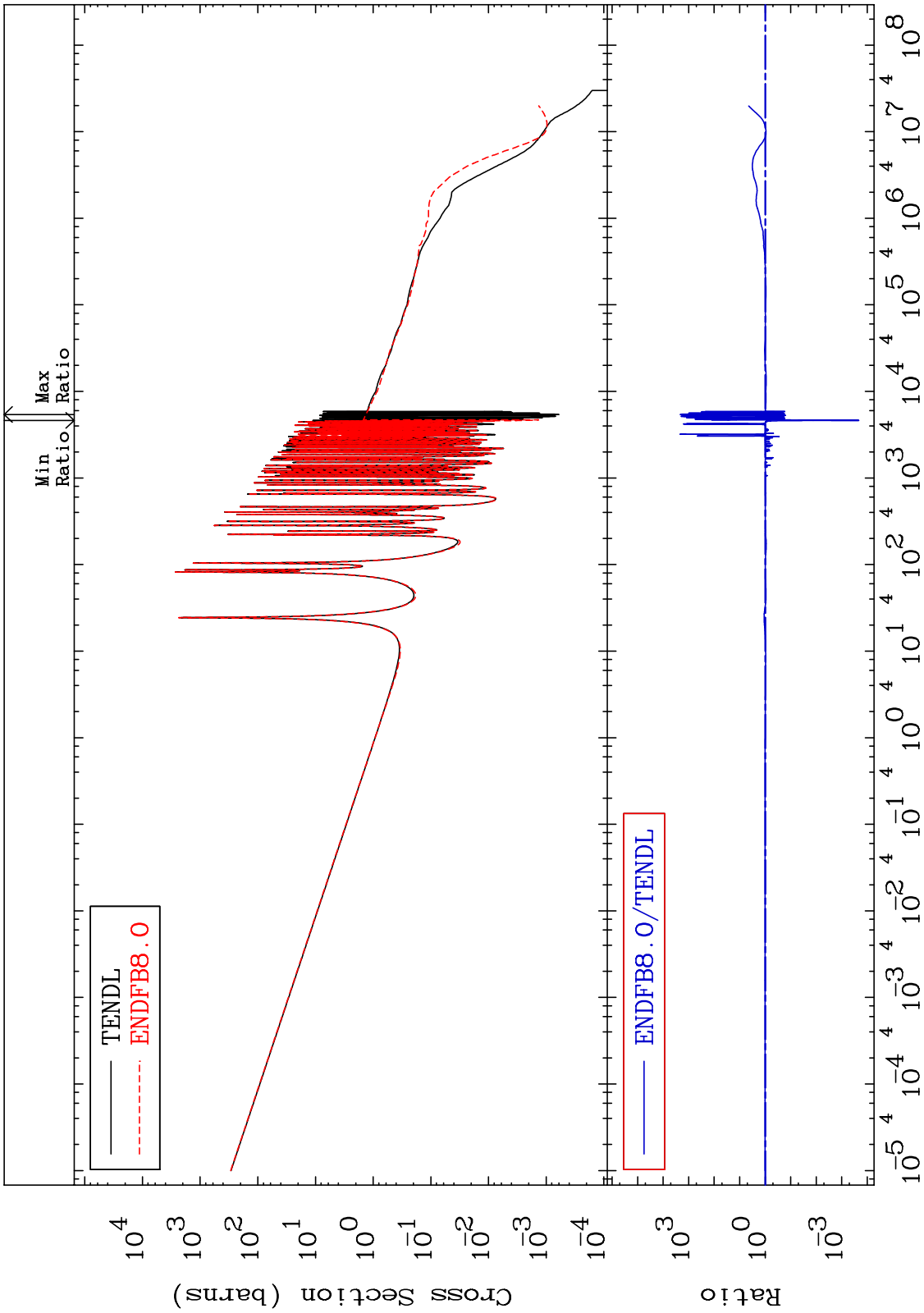
MAT 5640

(n, γ)

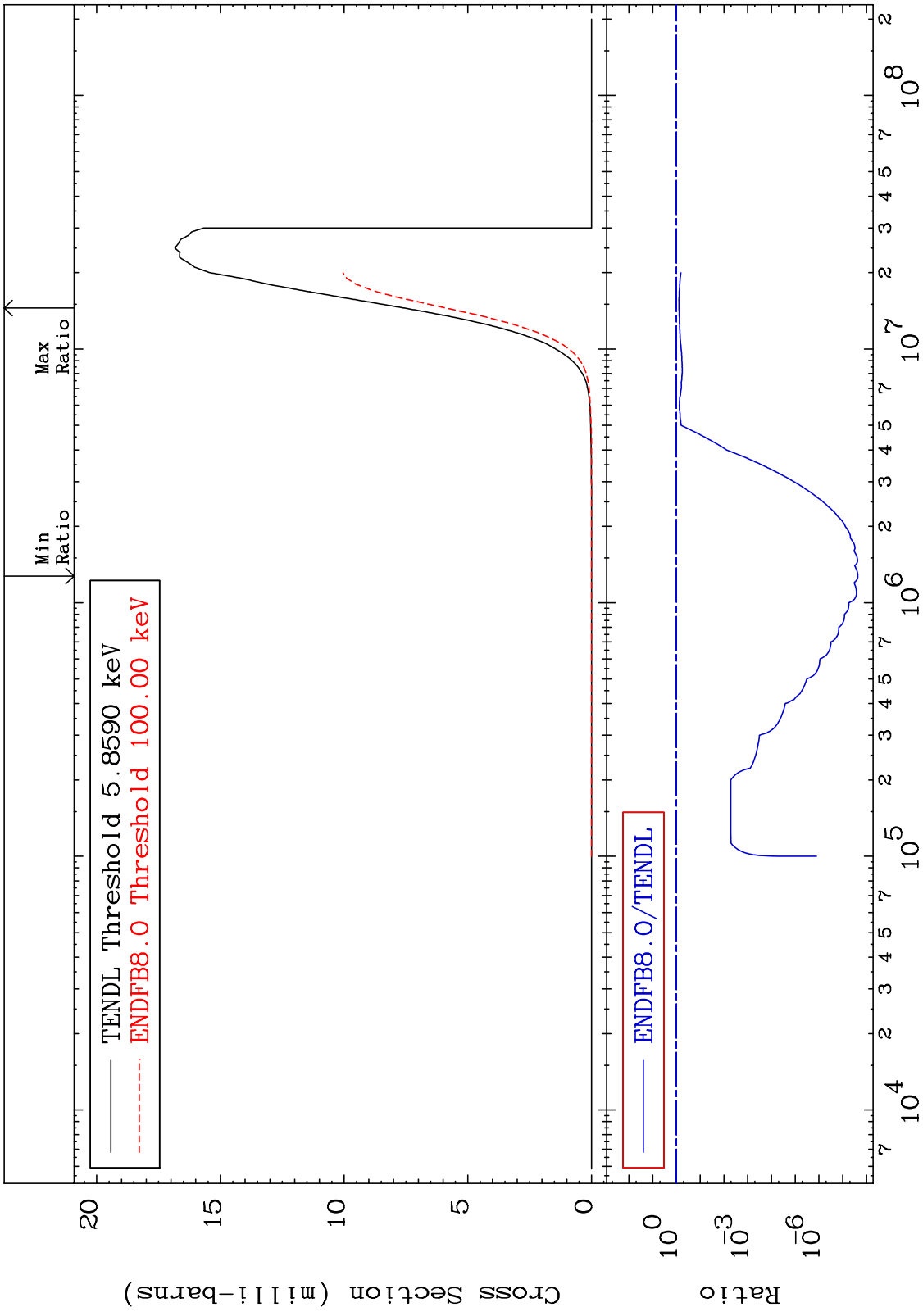
56-Ba-135

Cross Section

-99.98 To 9999. %

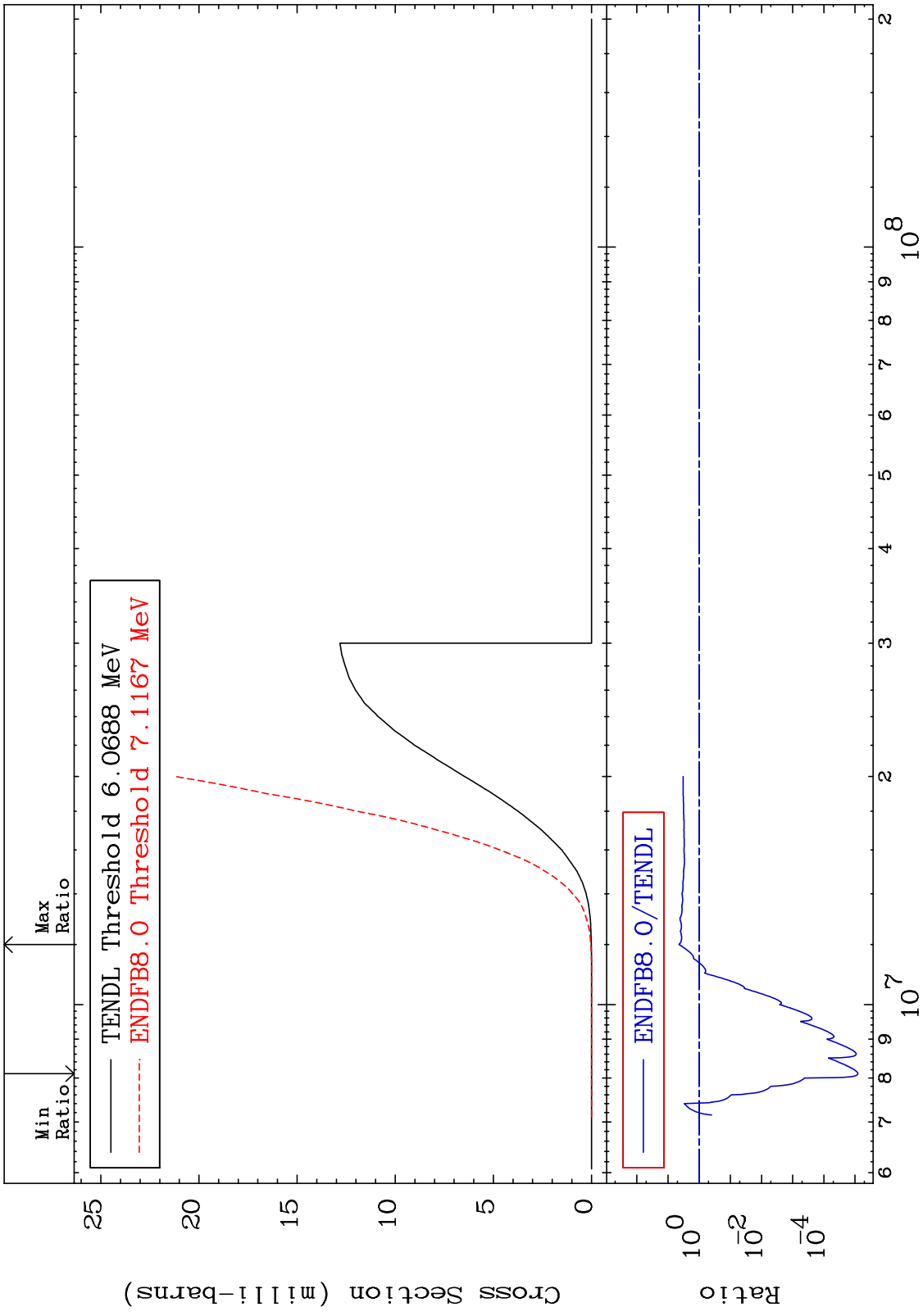


MAT 5640 (n,p) Cross Section 56-Ba-135 -100.0 To -22.21%

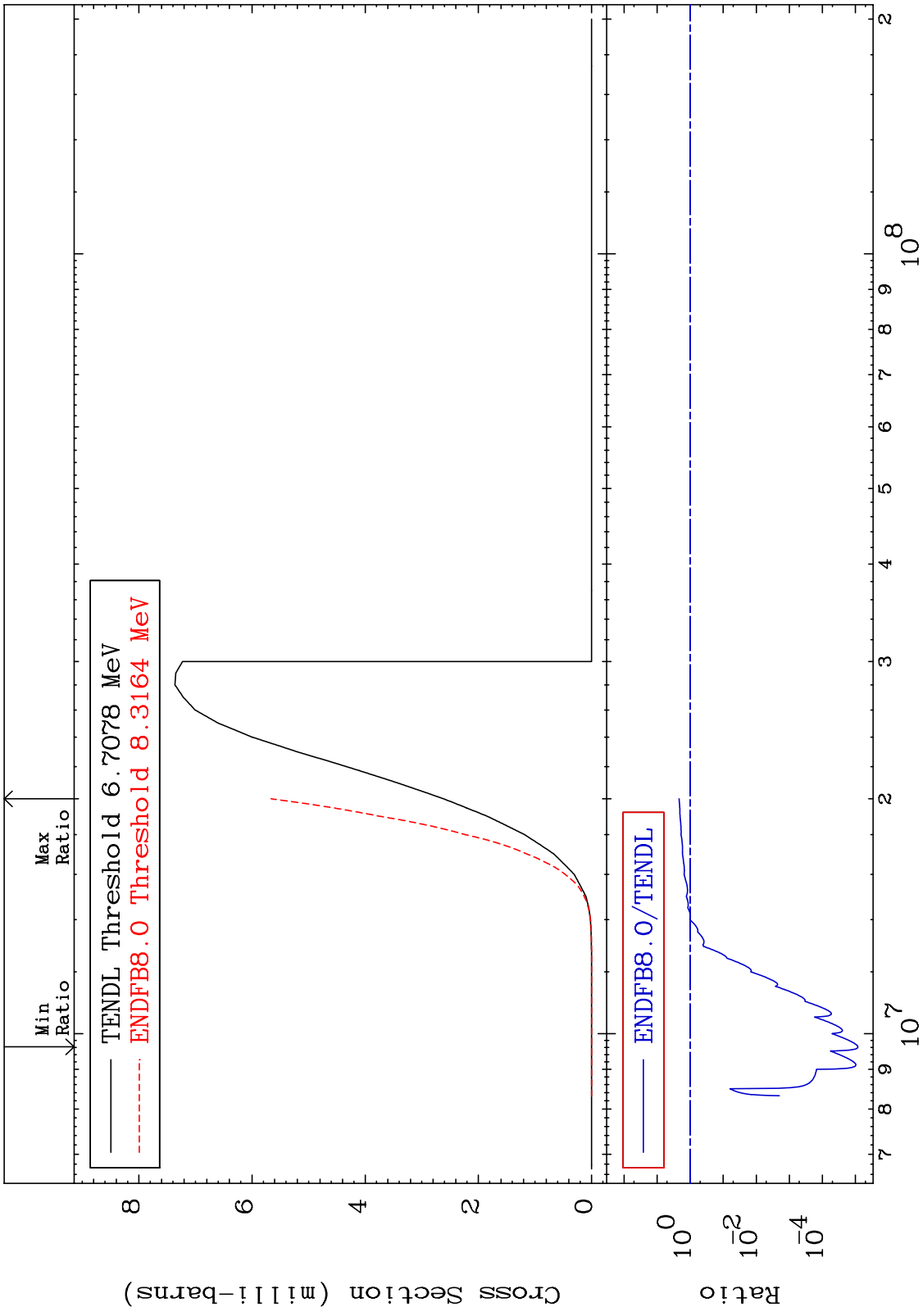


18 Incident Energy (eV) 56-Ba-135

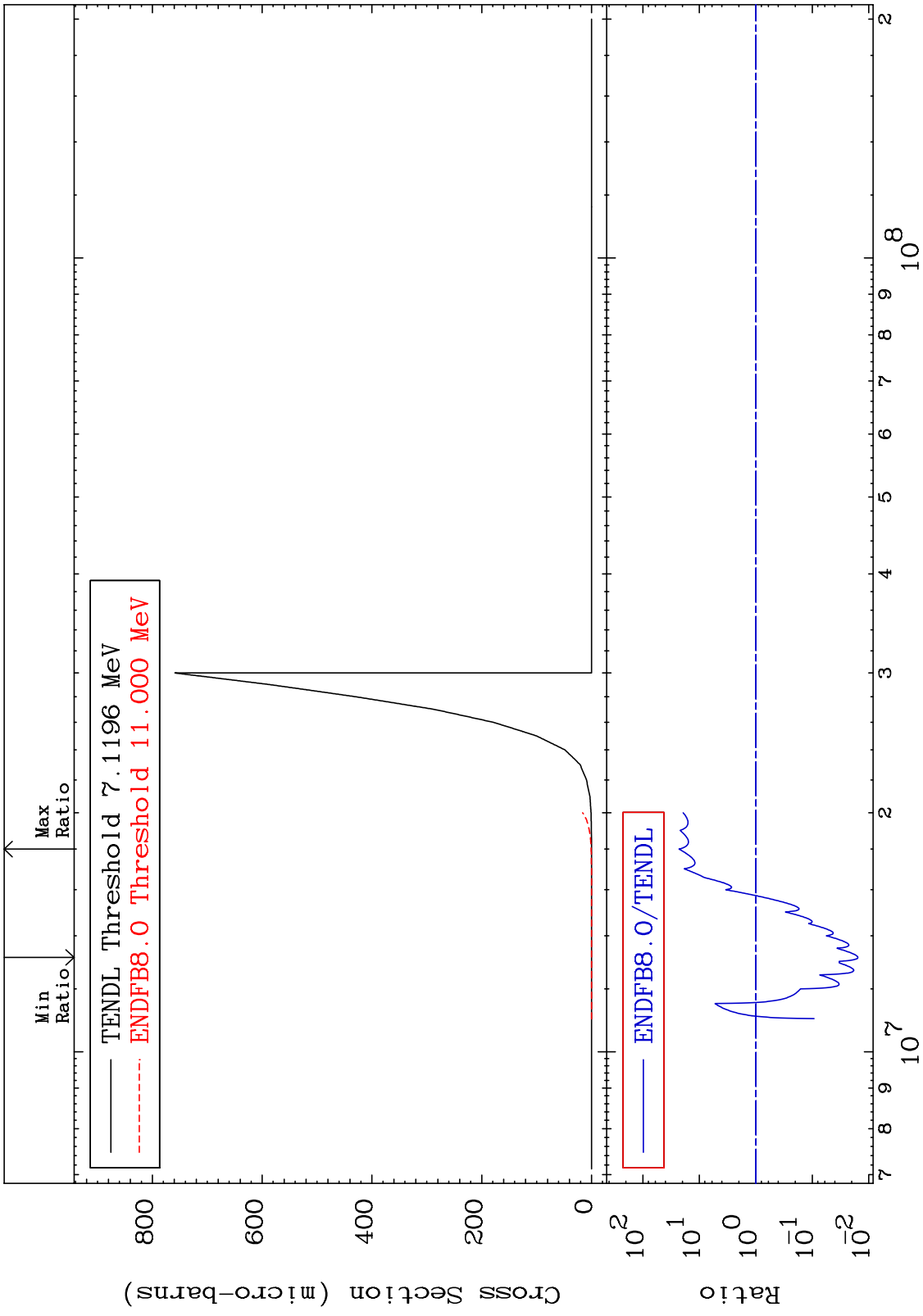
MAT 5640 (n,d) Cross Section 56-Ba-135 -100.0 To 343.2 %



MAT 5640 (n,t) Cross Section 56-Ba-135 -100.0 To 116.8 %

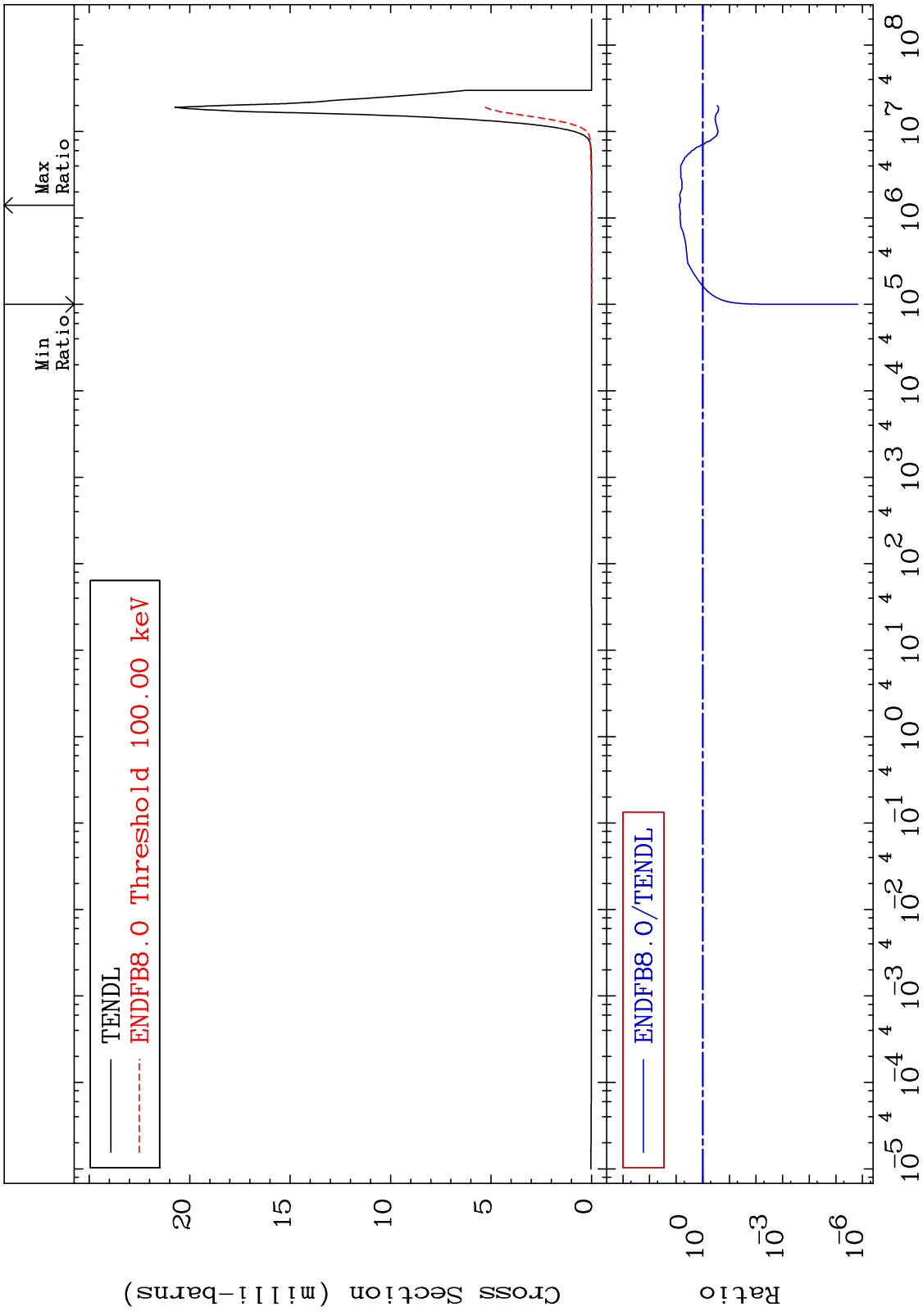


MAT 5640 (n, He-3) 56-Ba-135
 Cross Section -98.44 To 2191. %



21 56-Ba-135

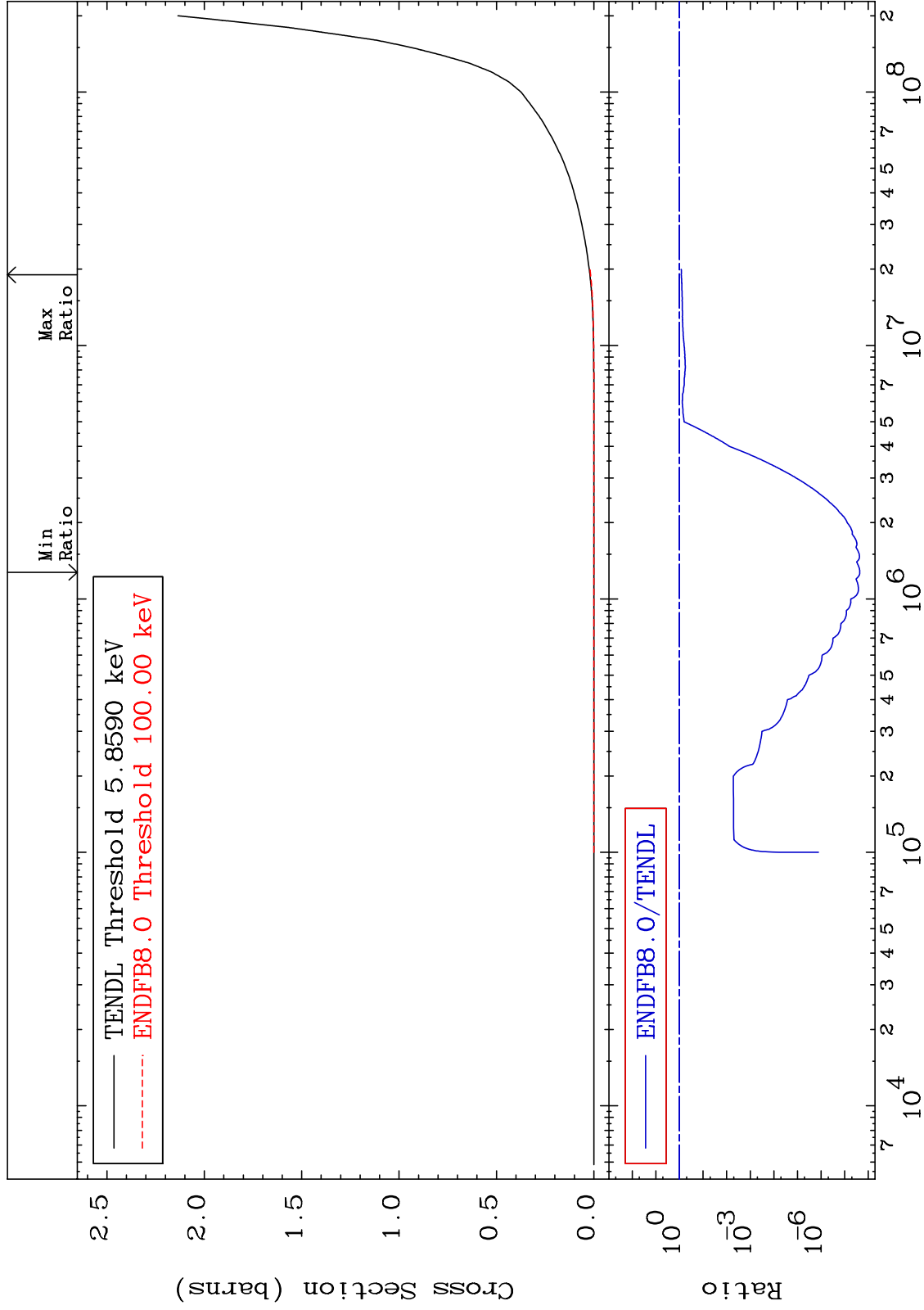
MAT 5640 (n, α) Cross Section $^{56}\text{Ba-135}$
 -100.0 To 678.2 %



MAT 5640

Hydrogen Production
Cross Section

56-Ba-135
-100.0 To -16.16%

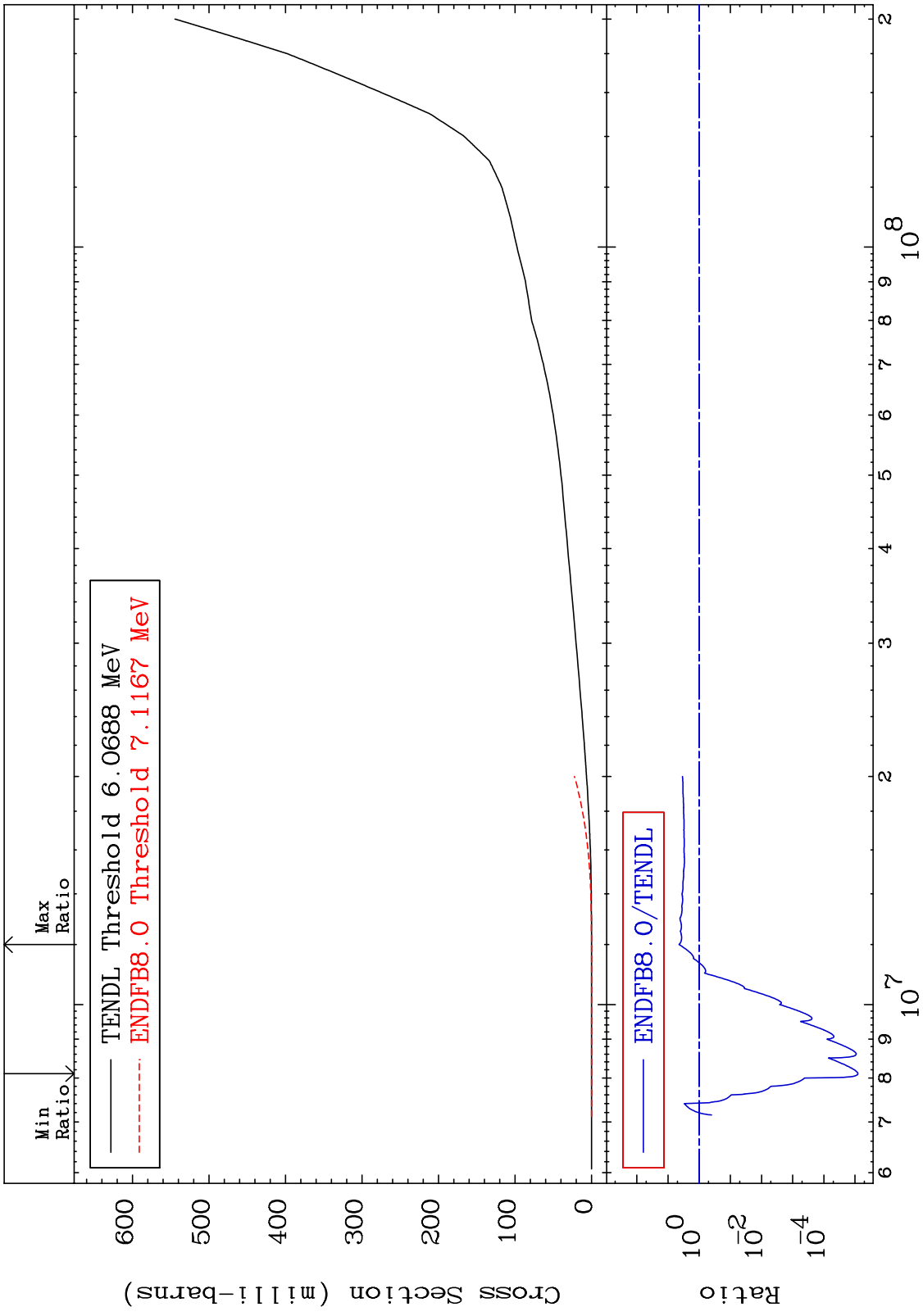


23

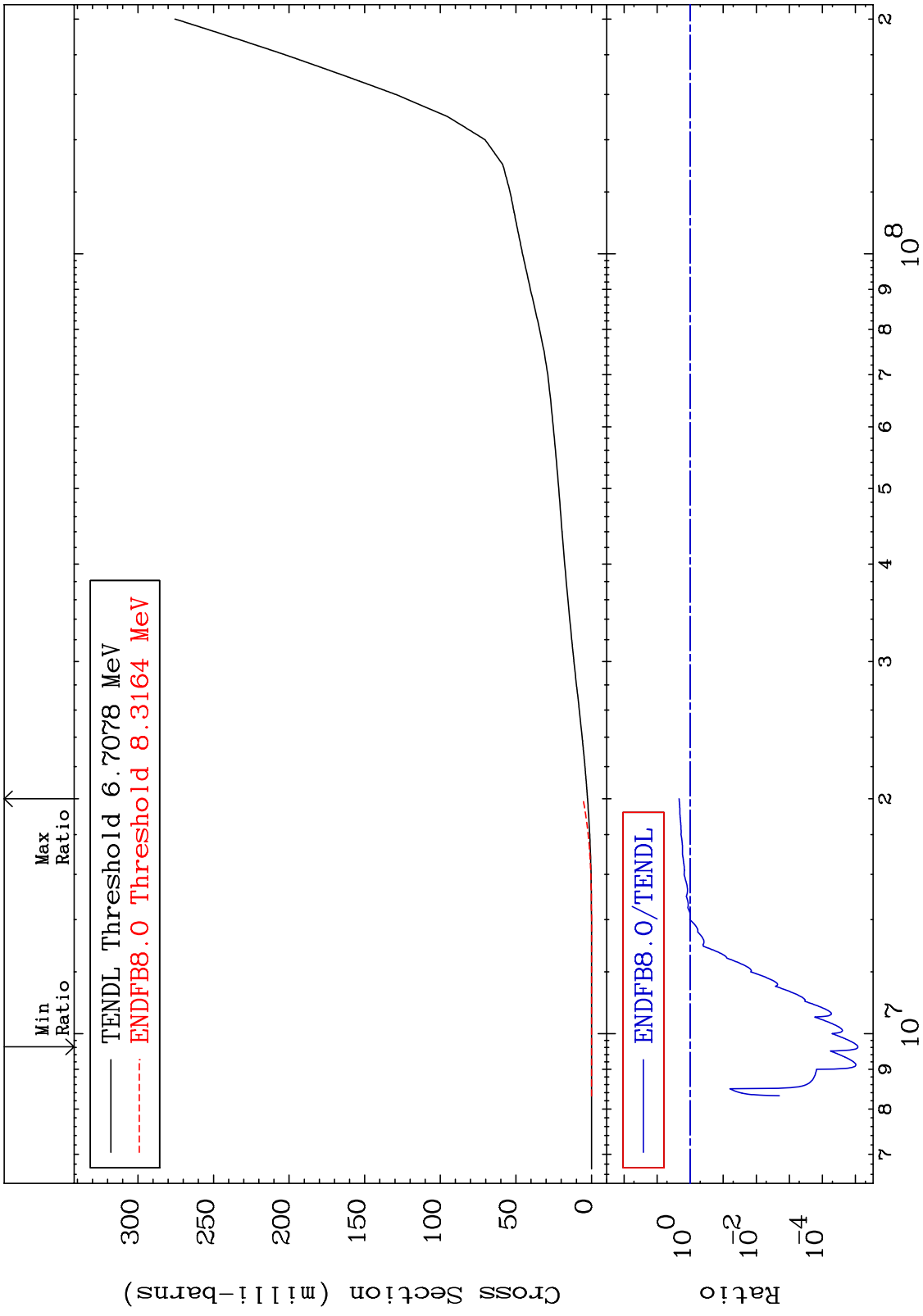
Incident Energy (eV)

56-Ba-135

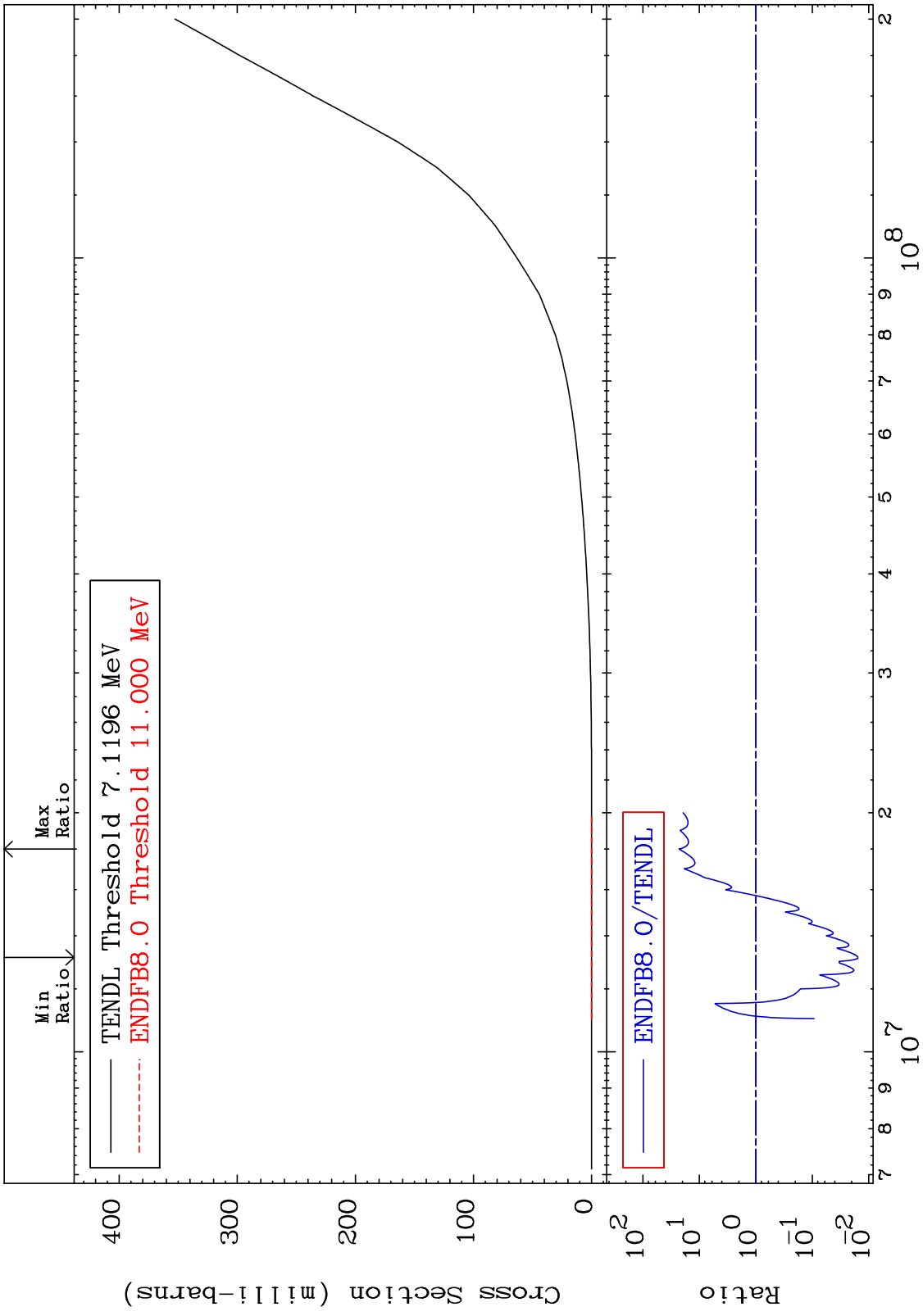
MAT 5640 Deuterium Production Cross Section 56-Ba-135 -100.0 To 343.2 %



MAT 5640 Tritium Production Cross Section 56-Ba-135 -100.0 To 116.8 %



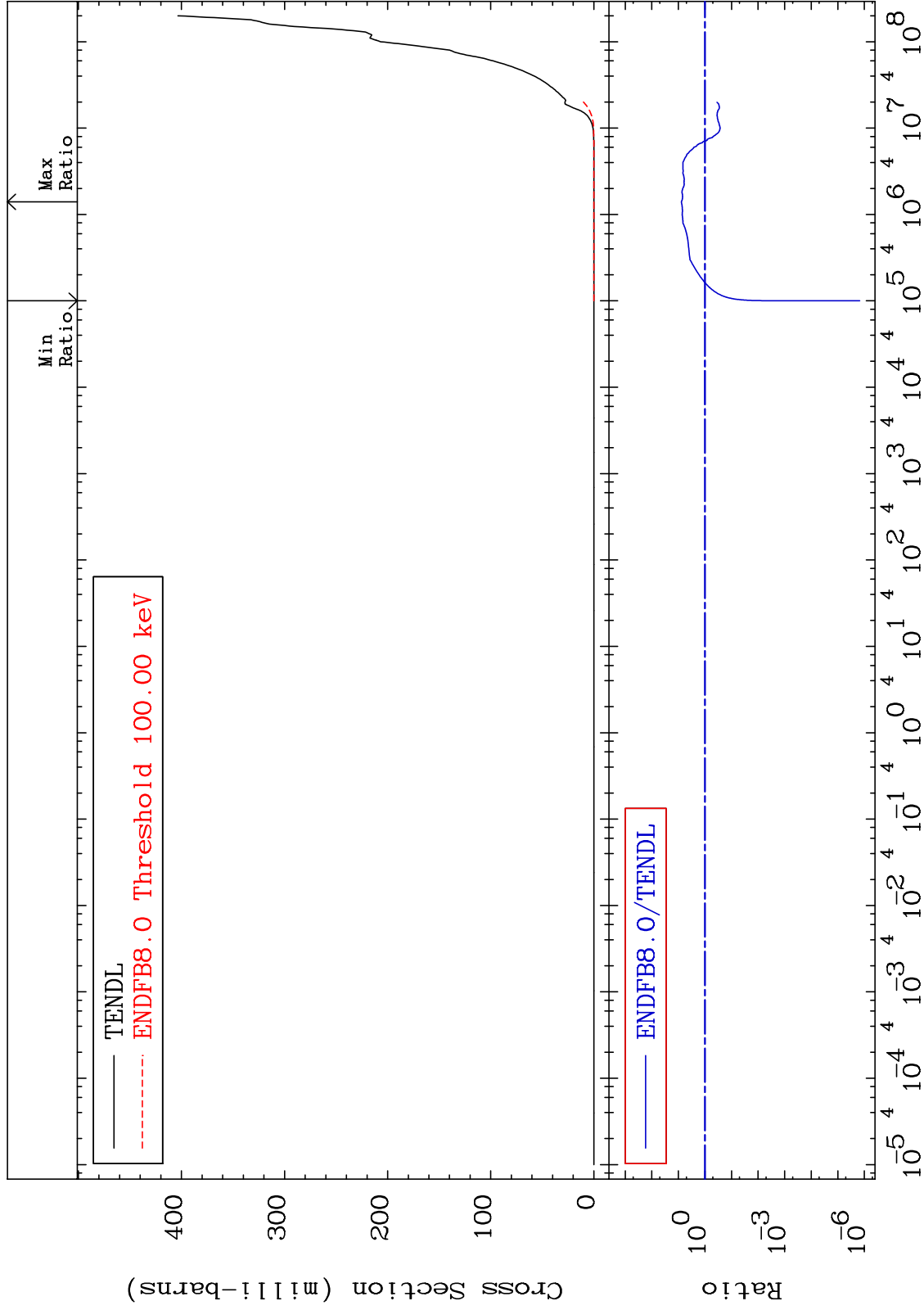
MAT 5640 He-3 Production Cross Section 56-Ba-135
 -98.44 To 2191. %



MAT 5640

He-4 Production
Cross Section

56-Ba-135
-100.0 To 678.2 %

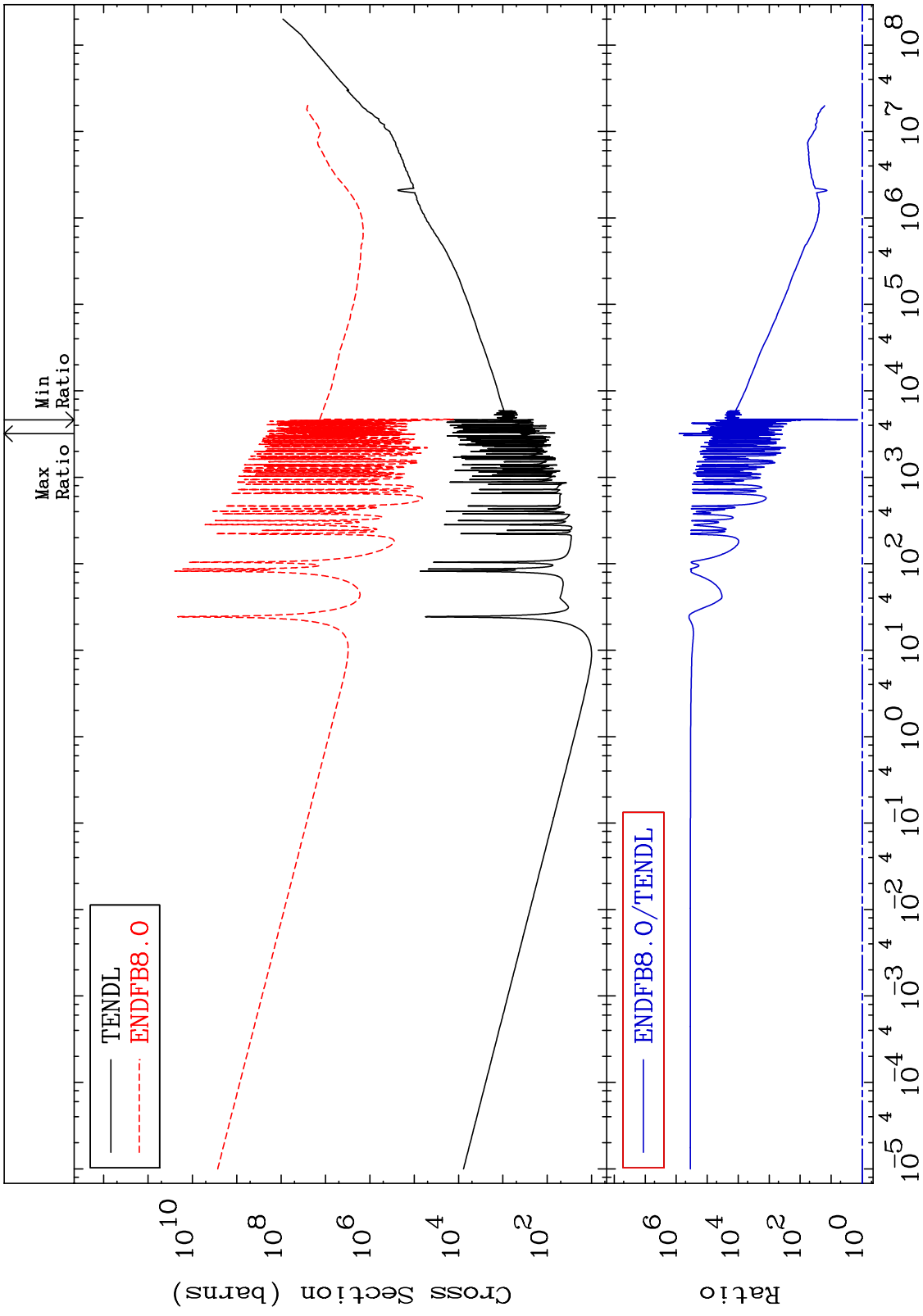


27

Incident Energy (eV)

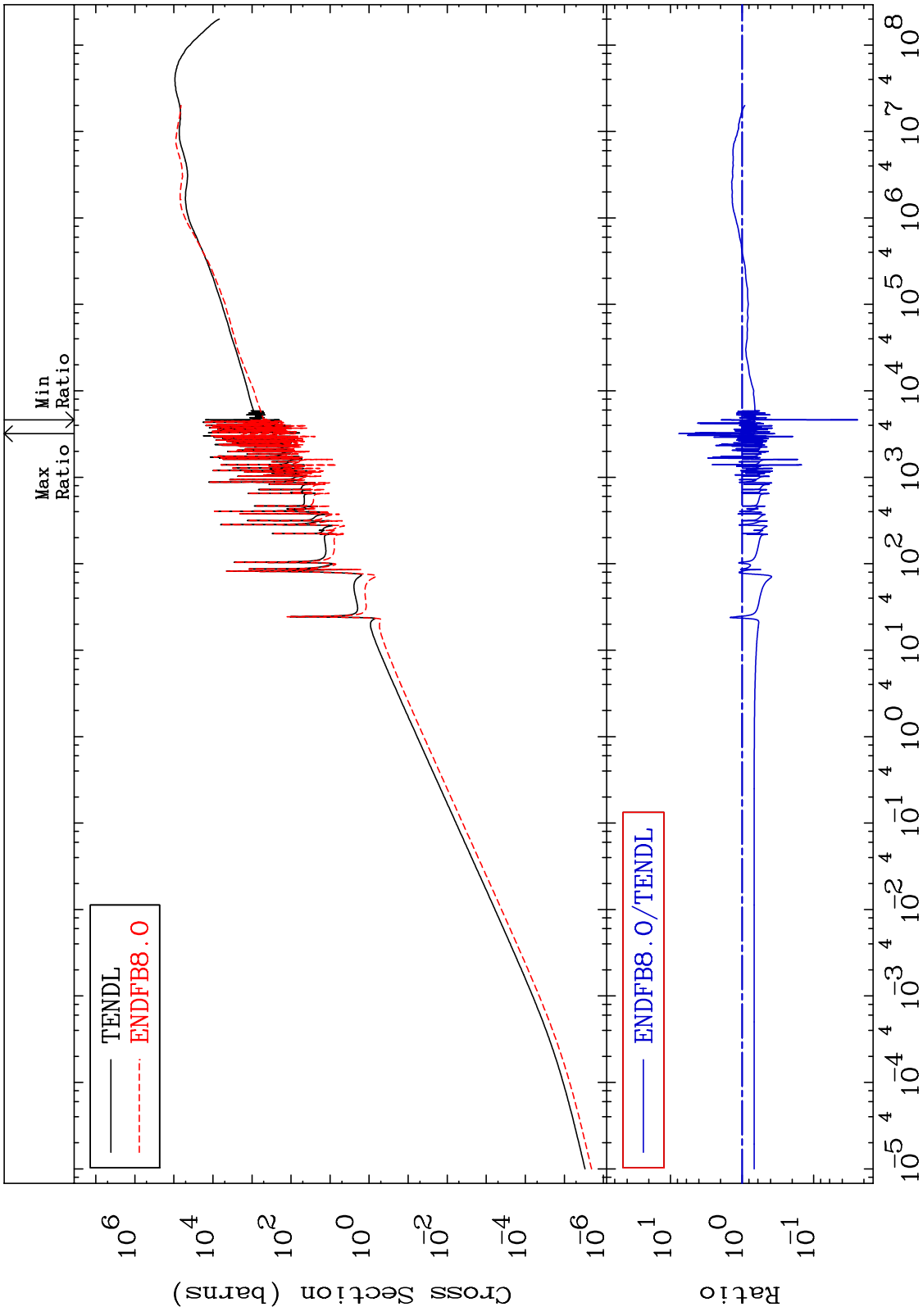
56-Ba-135

MAT 5640 Kerma total (eV-barns) 56-Ba-135
 Cross Section 37.86 To 9999. %



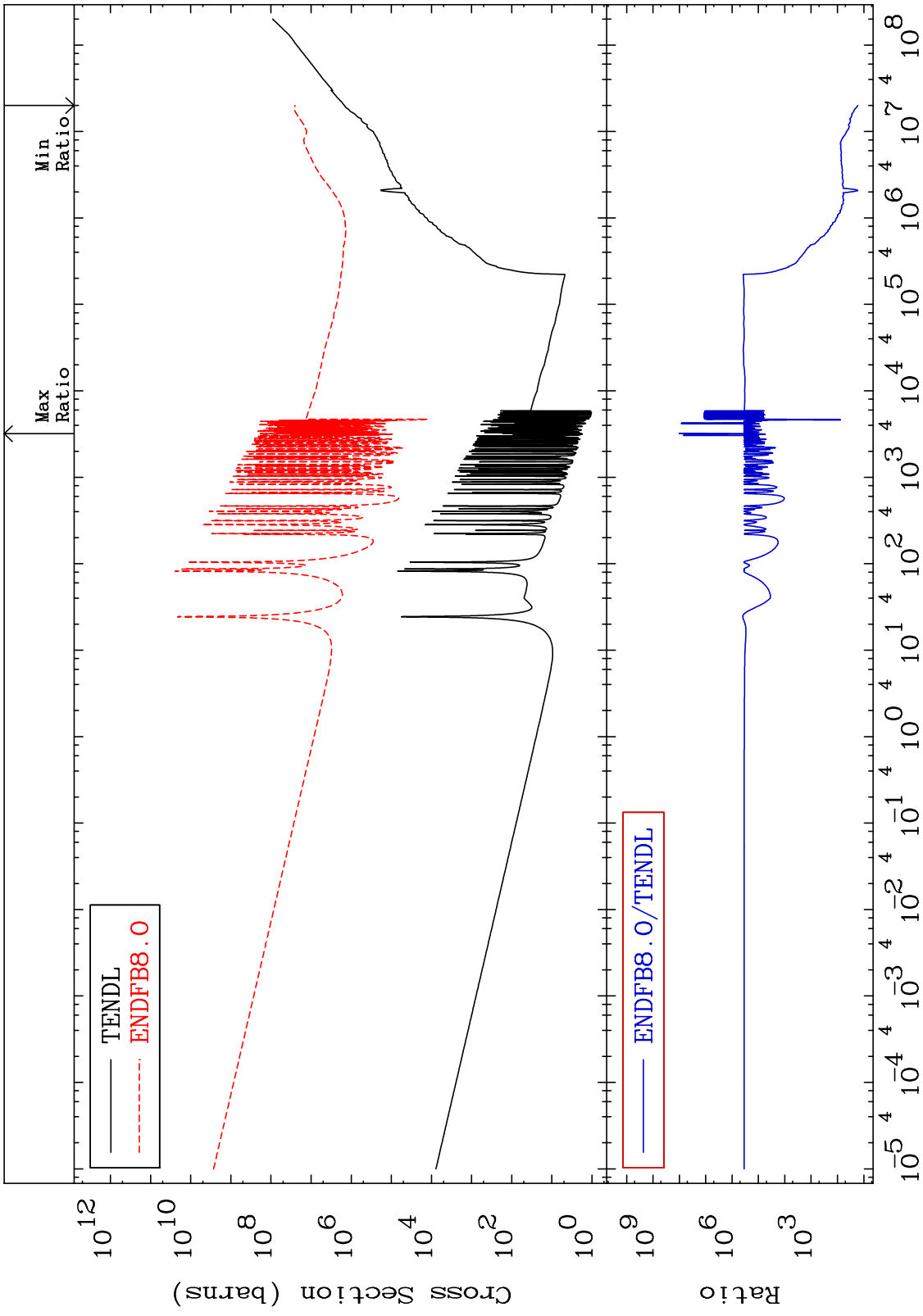
Incident Energy (eV) 56-Ba-135

MAT 5640 56-Ba-135 Kerma elastic -97.58 To 657.6 %
Cross Section

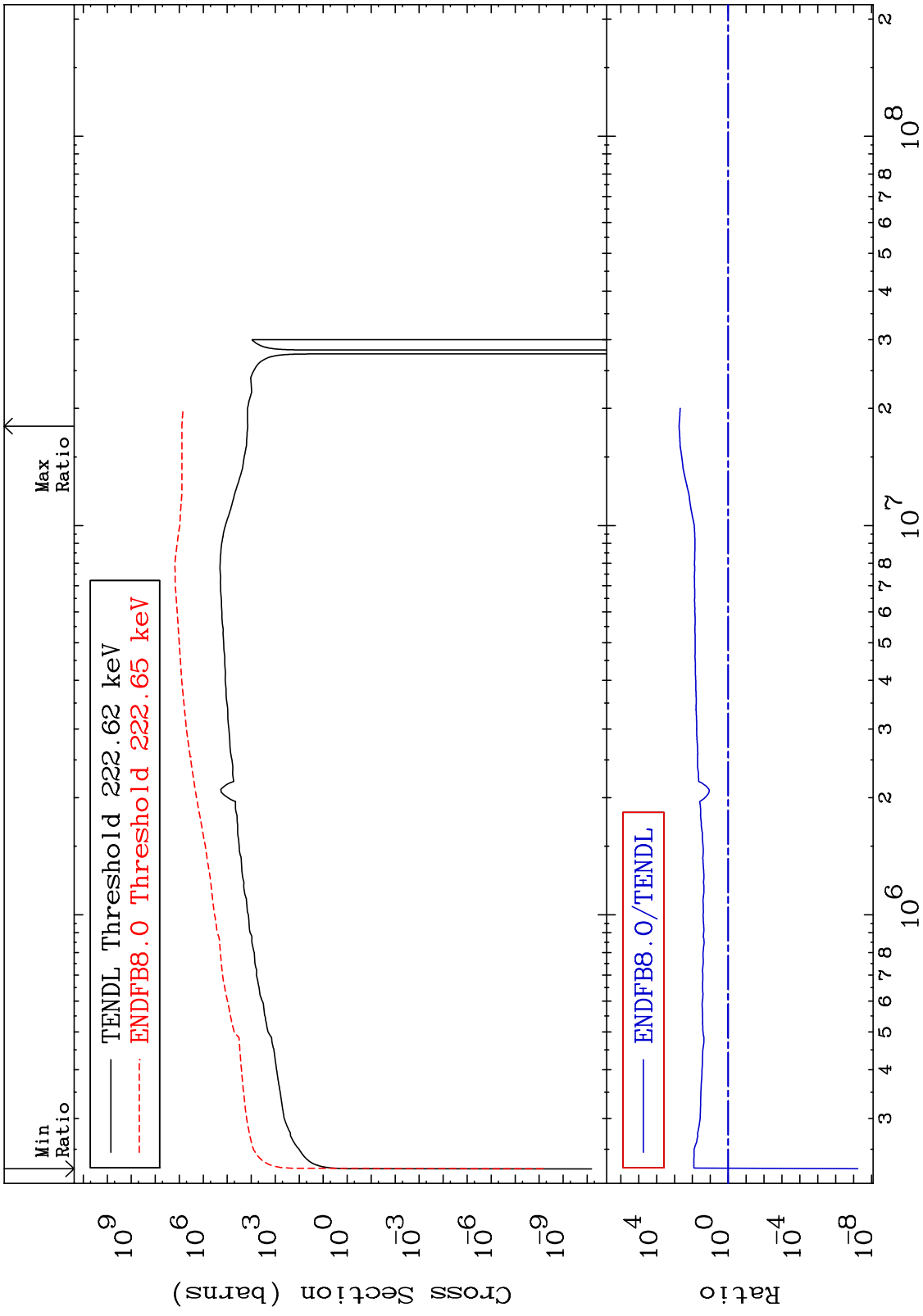


29 Incident Energy (eV) 56-Ba-135

MAT 5640 Kerma non-elastic (all but mt2) 56-Ba-135
 Cross Section 1584. To 9999. %



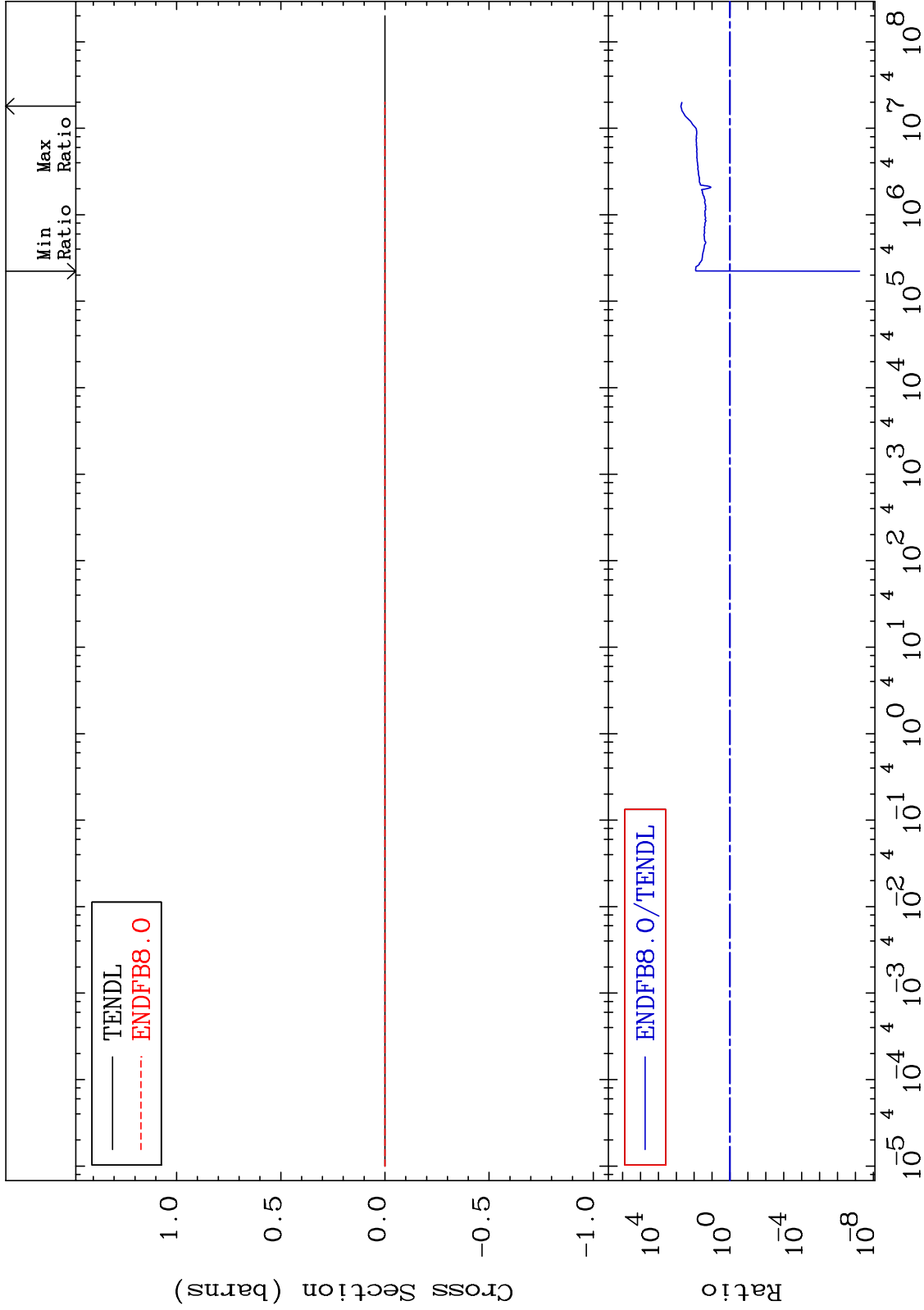
MAT 5640 Kerma inelastic (mt51-91) 56-Ba-135
 Cross Section -100.0 To 9999. %



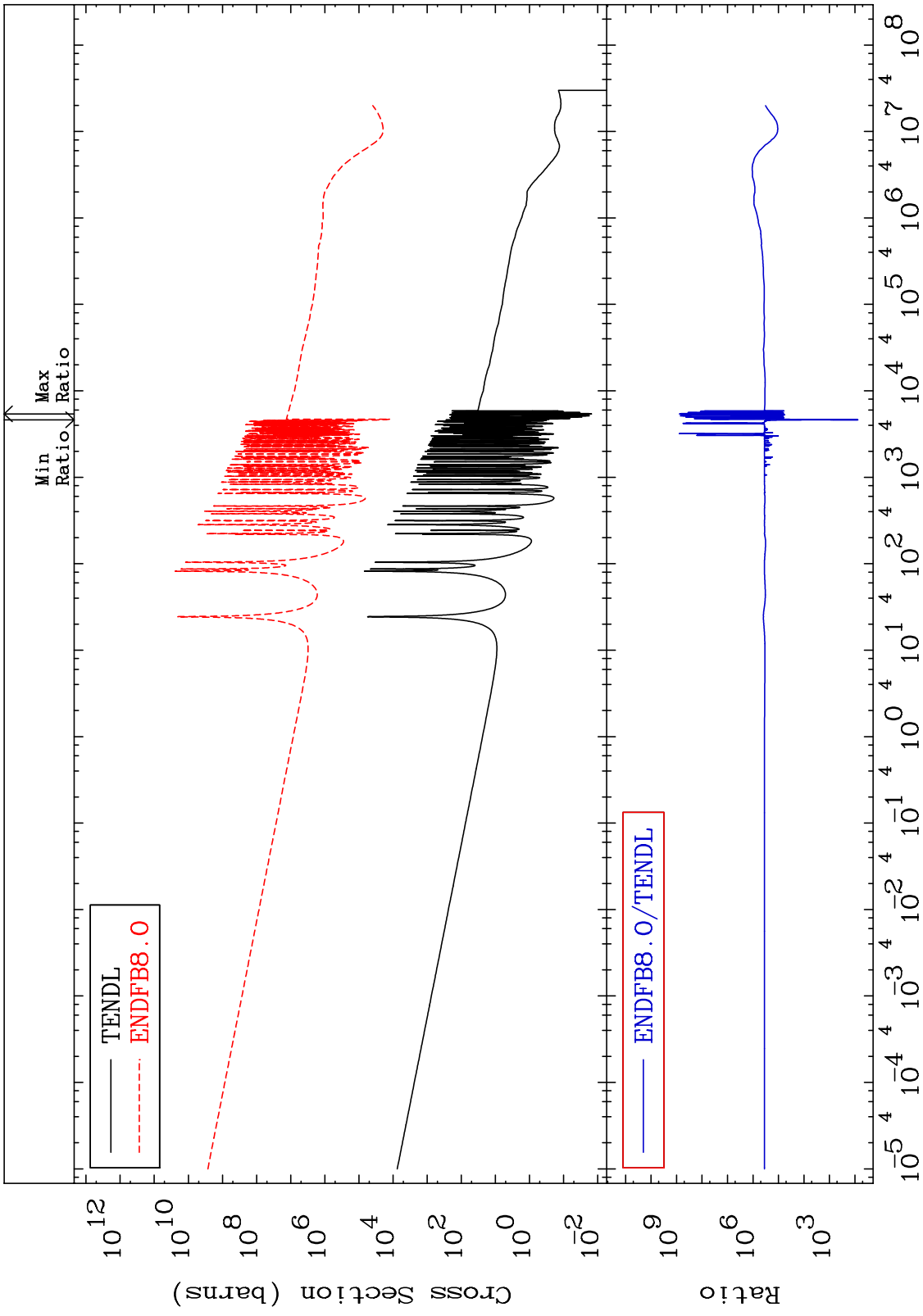
MAT 5640

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

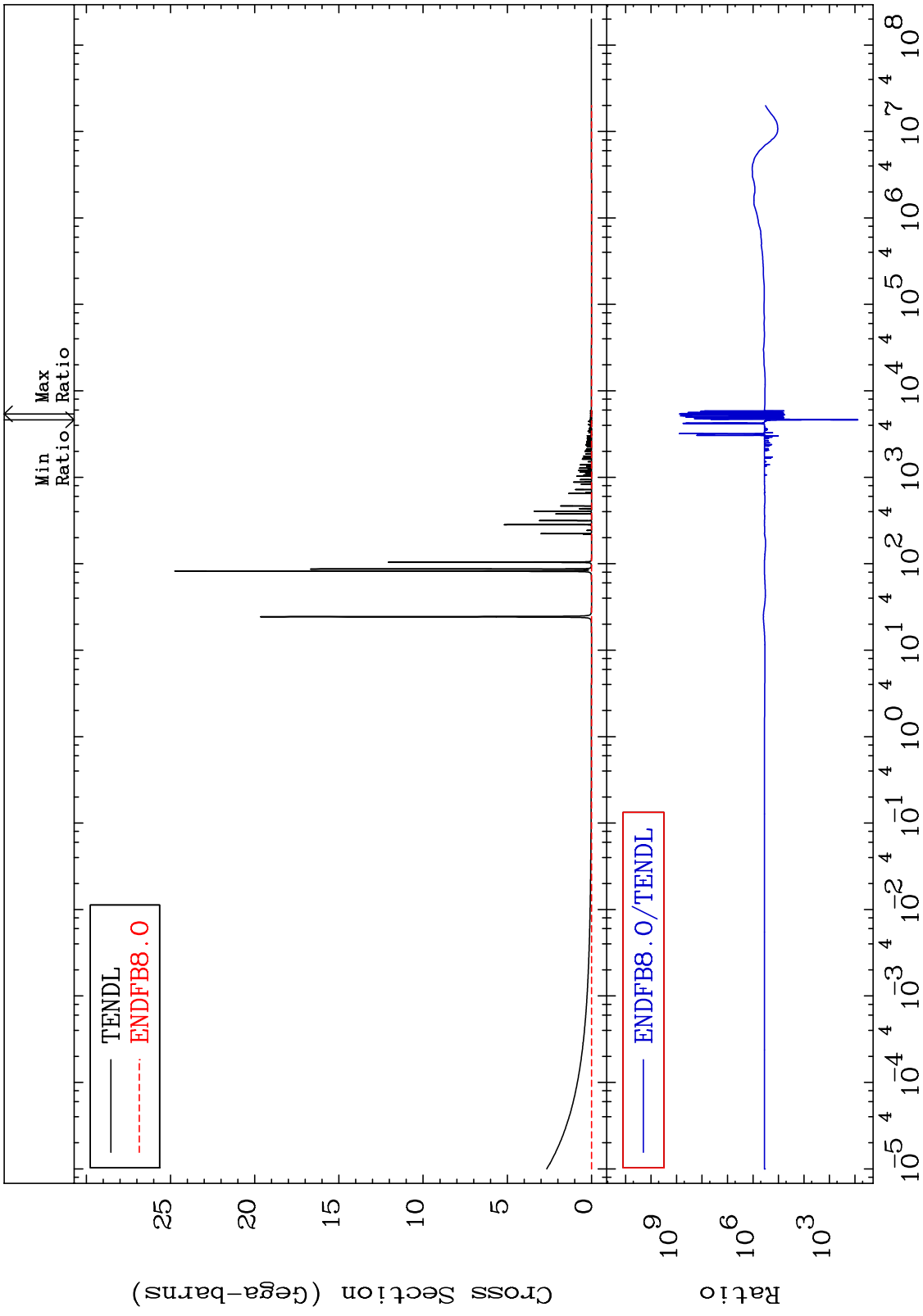
56-Ba-135
-100.0 To 9999. %



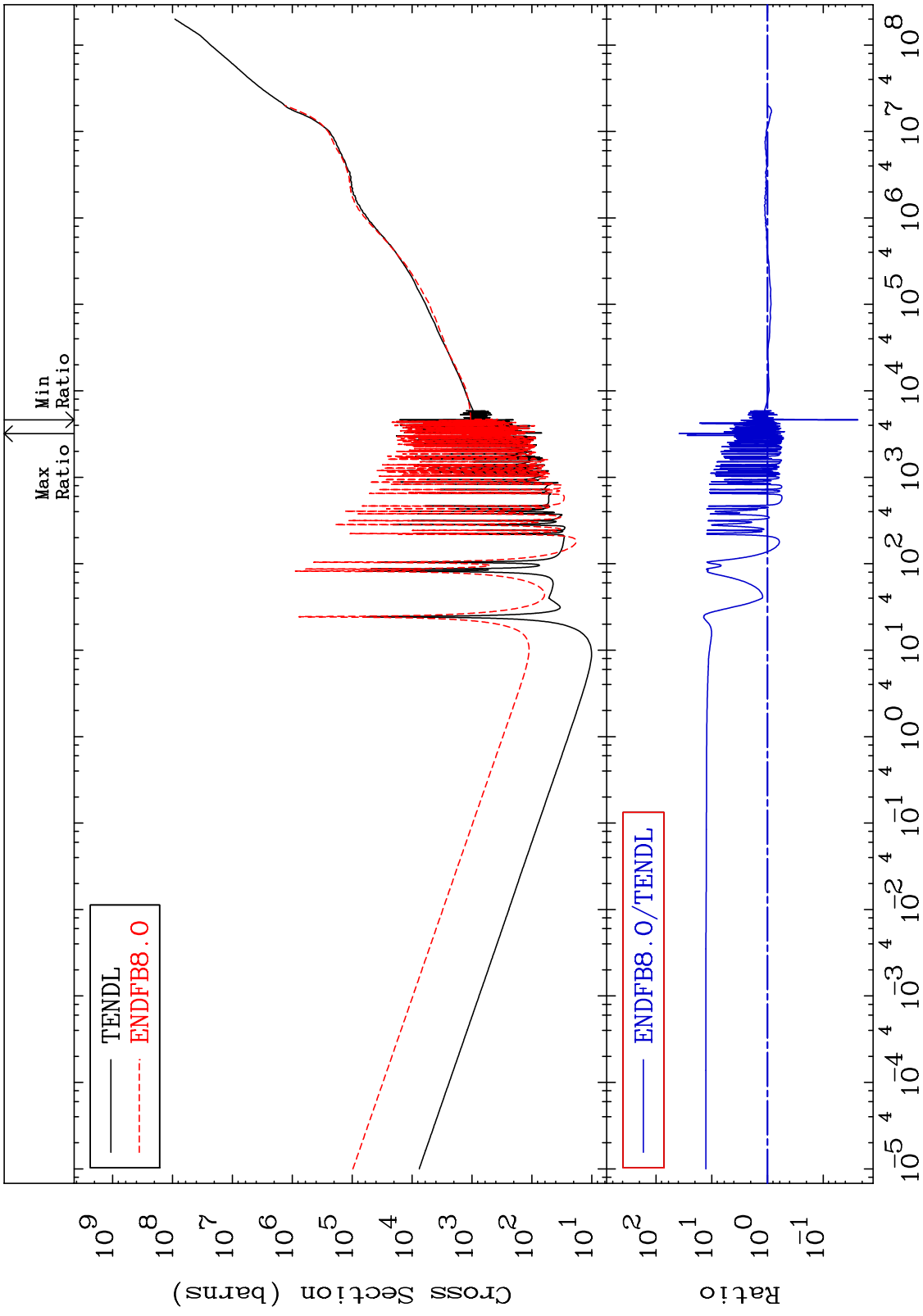
MAT 5640 Kerma capture (mt102) 56-Ba-135
 Cross Section To 9999. %



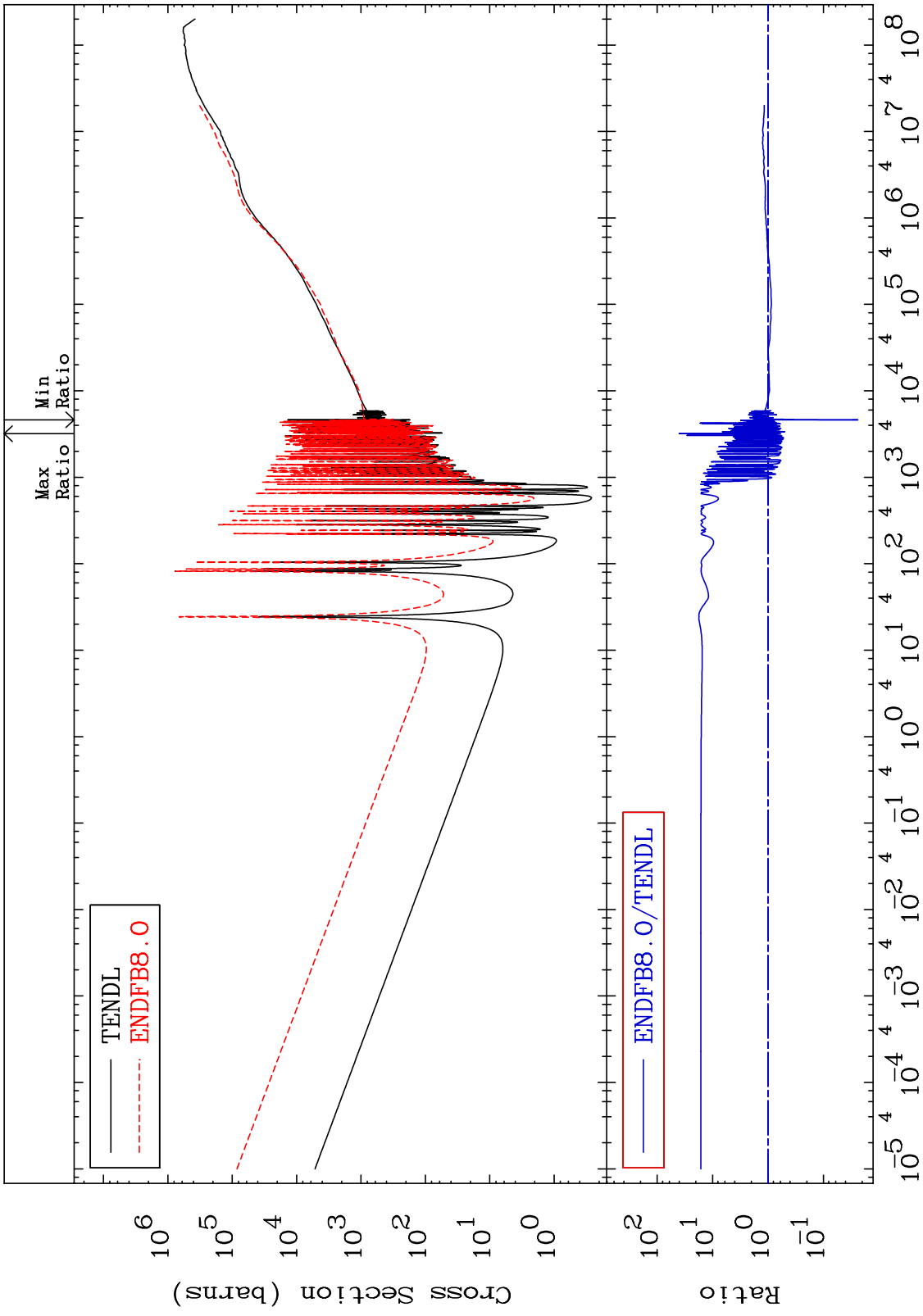
MAT 5640 Total photon (eV-barns) 56-Ba-135
 Cross Section 7575. To 9999. %



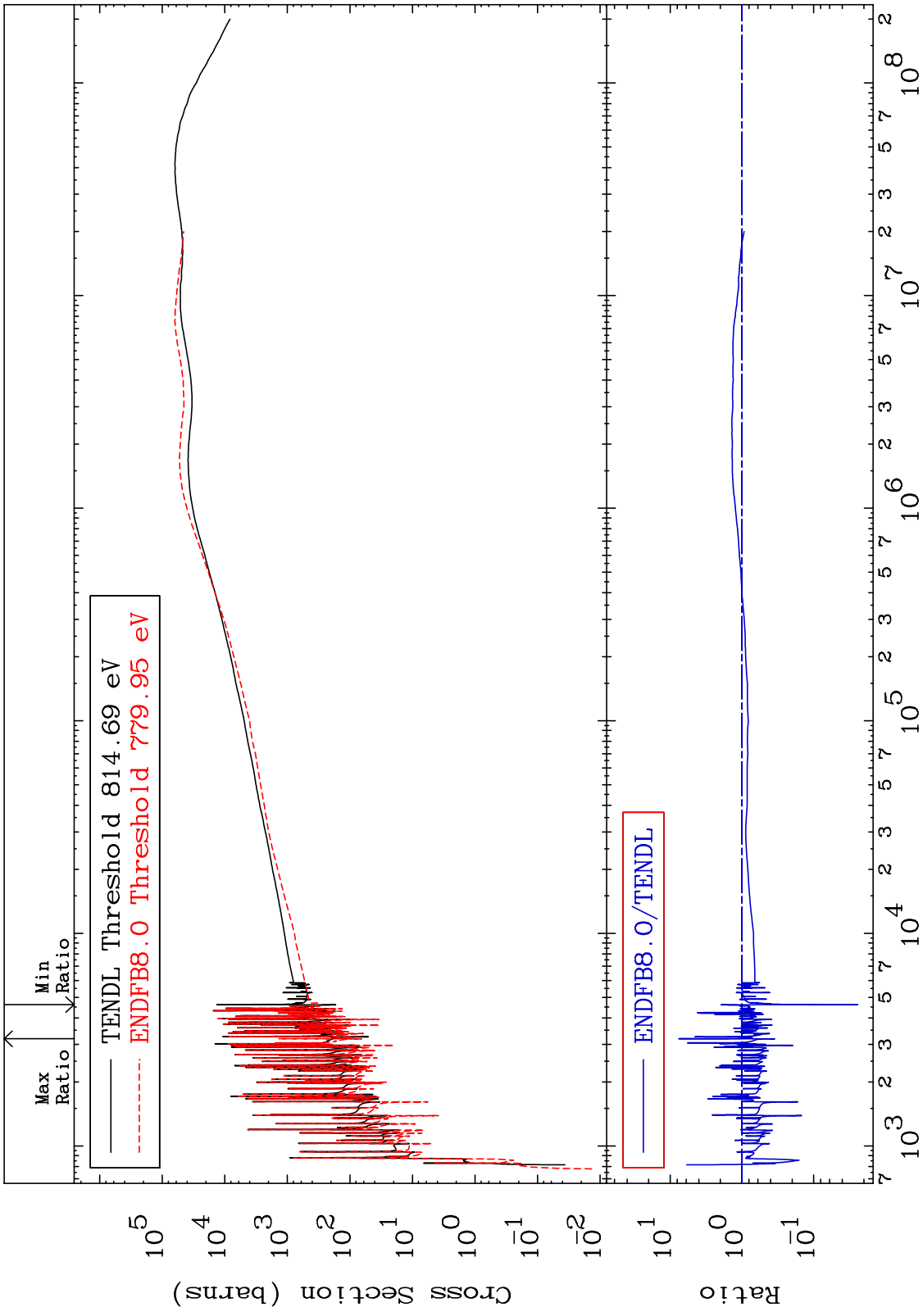
MAT 5640 Total kinematic kerma (high limit) 56-Ba-135
 Cross Section -97.61 To 3770. %



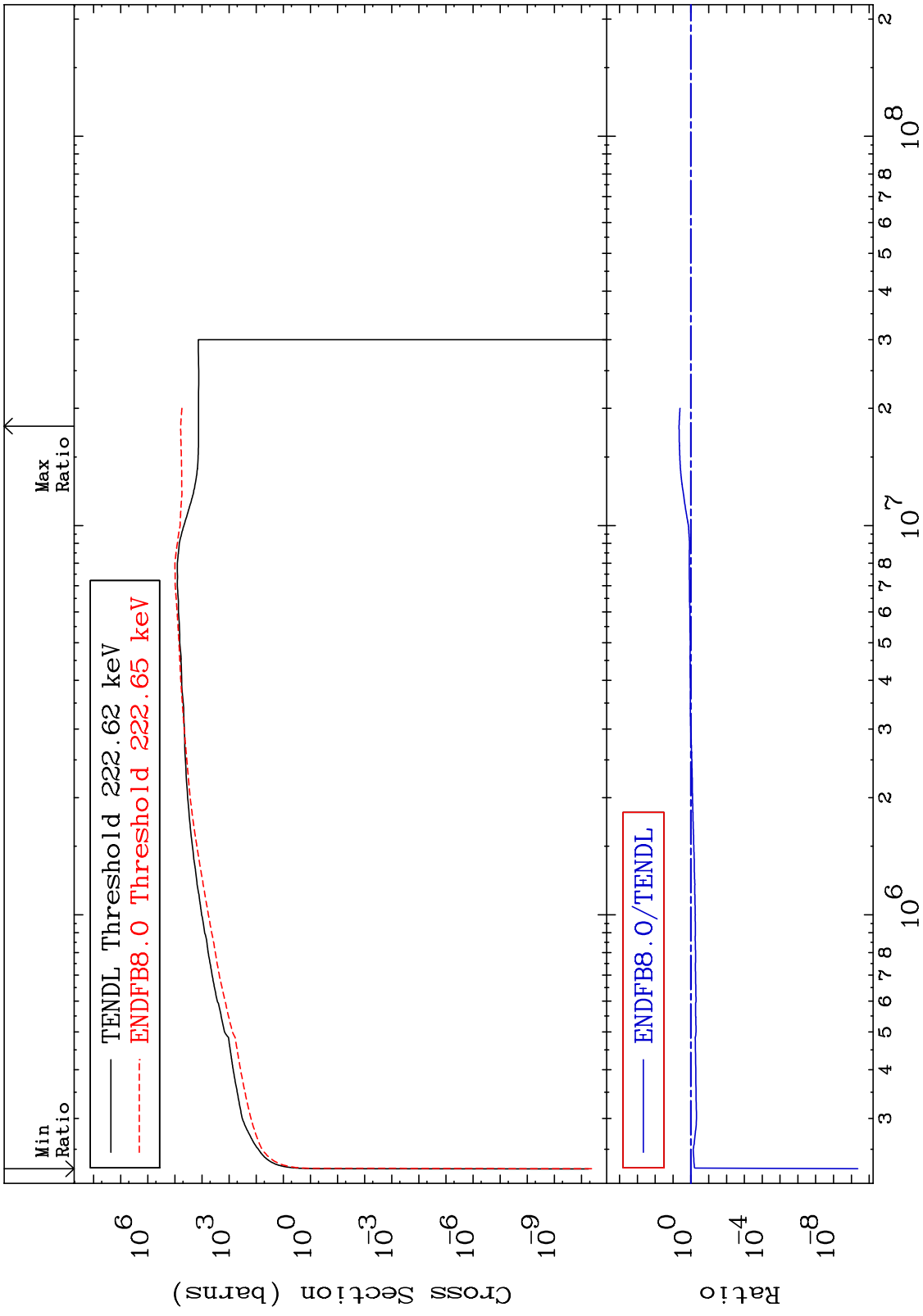
MAT 5640 Dpa total (eV-barns) 56-Ba-135
 Cross Section -97.60 To 3930. %



MAT 5640 Dpa elastic (mt2) 56-Ba-135
 Cross Section -97.57 To 654.1 %



MAT 5640 Dpa inelastic (mt51-91) 56-Ba-135
 Cross Section -100.0 To 359.1 %



MAT 5640 Dpa disappearance (mt102 -120) 56-Ba-135
 Cross Section -99.61 To 9999. %

