

Program Complot
(Version 2021-1)

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

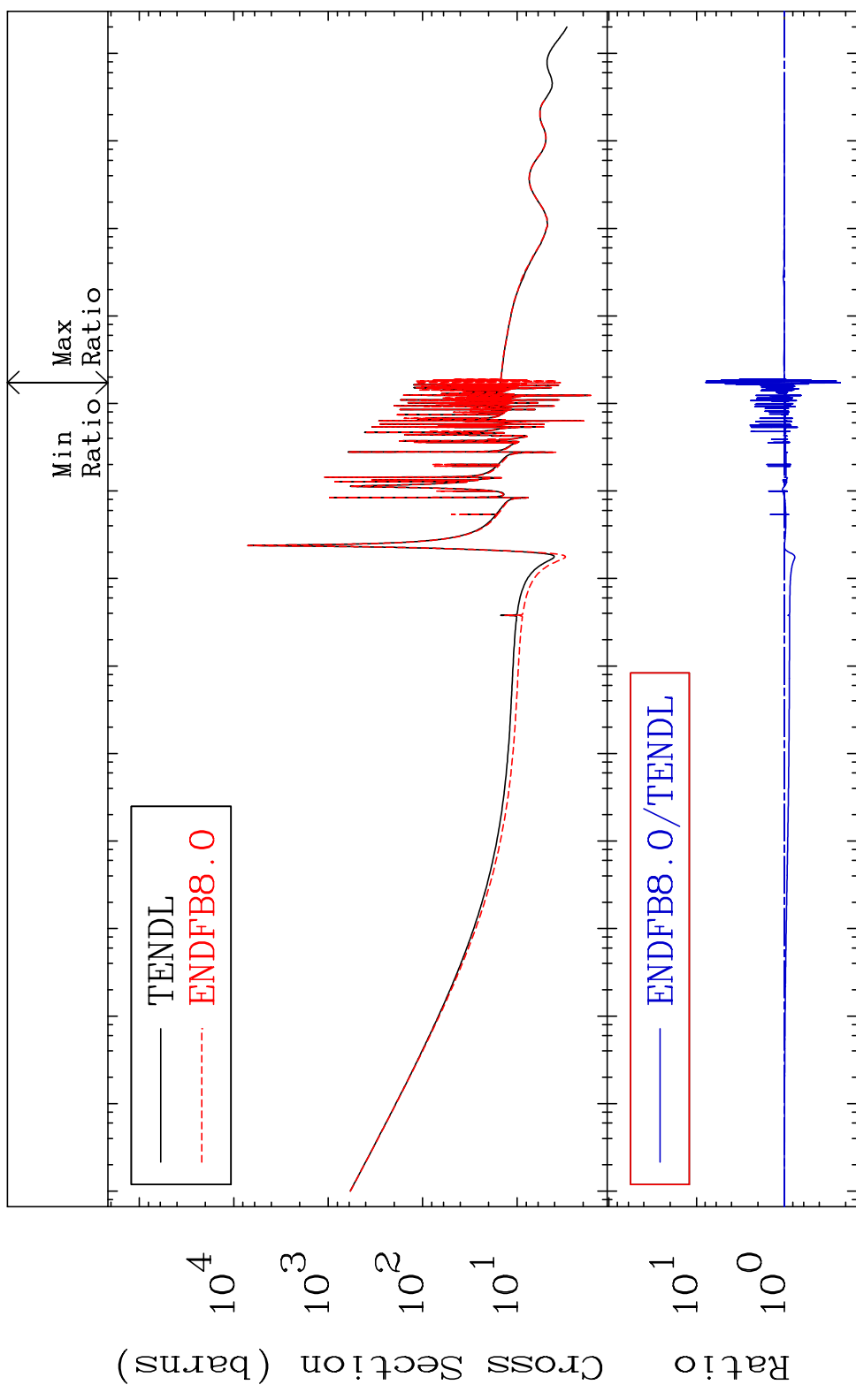
MAT 8125

Total

81-T1-203

Cross Section

-77.06 To 687.0 %



10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

1

Incident Energy (eV)

81-T1-203

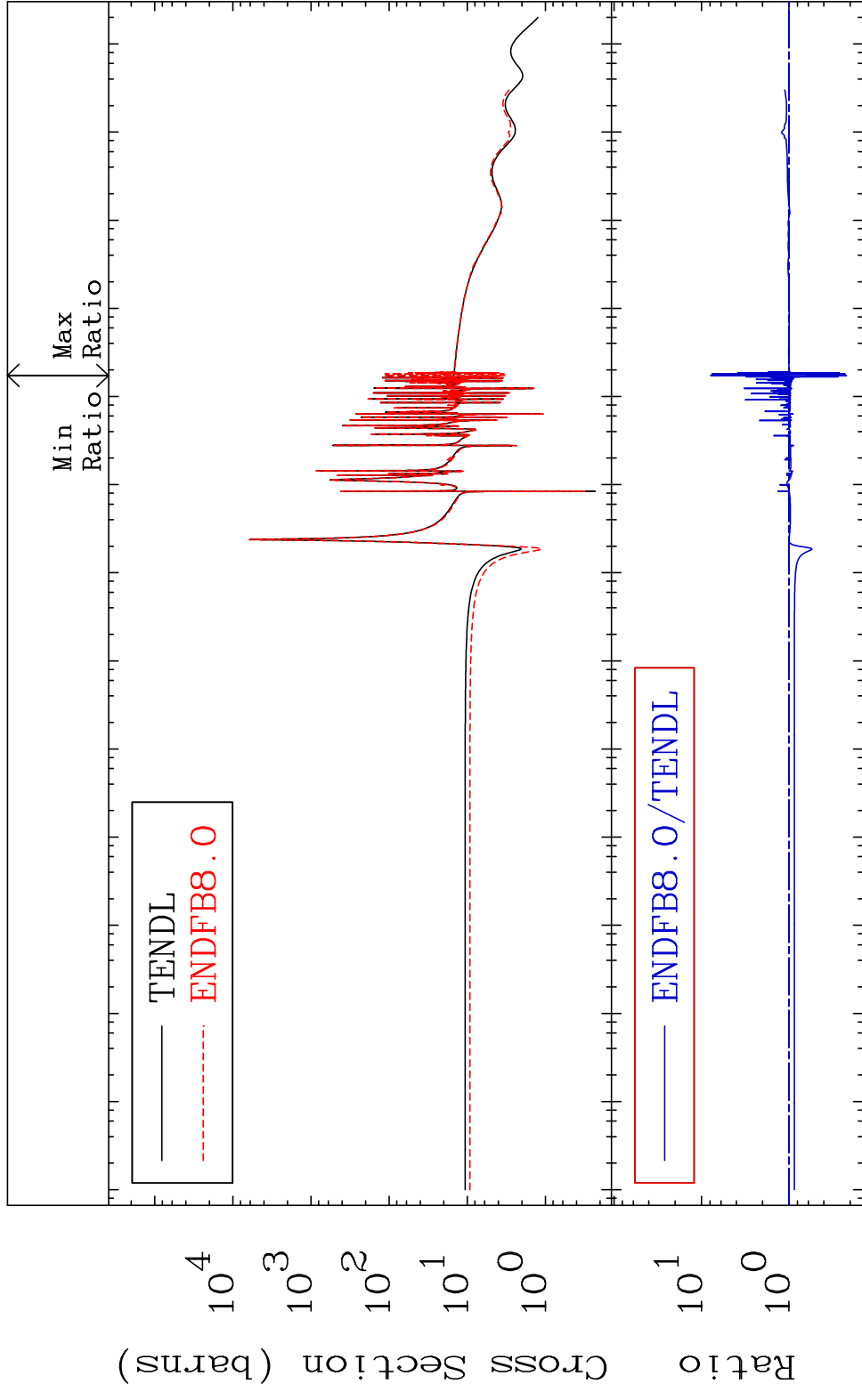
MAT 8125

Elastic

81-T1-203

Cross Section

-77.89 To 684.4 %

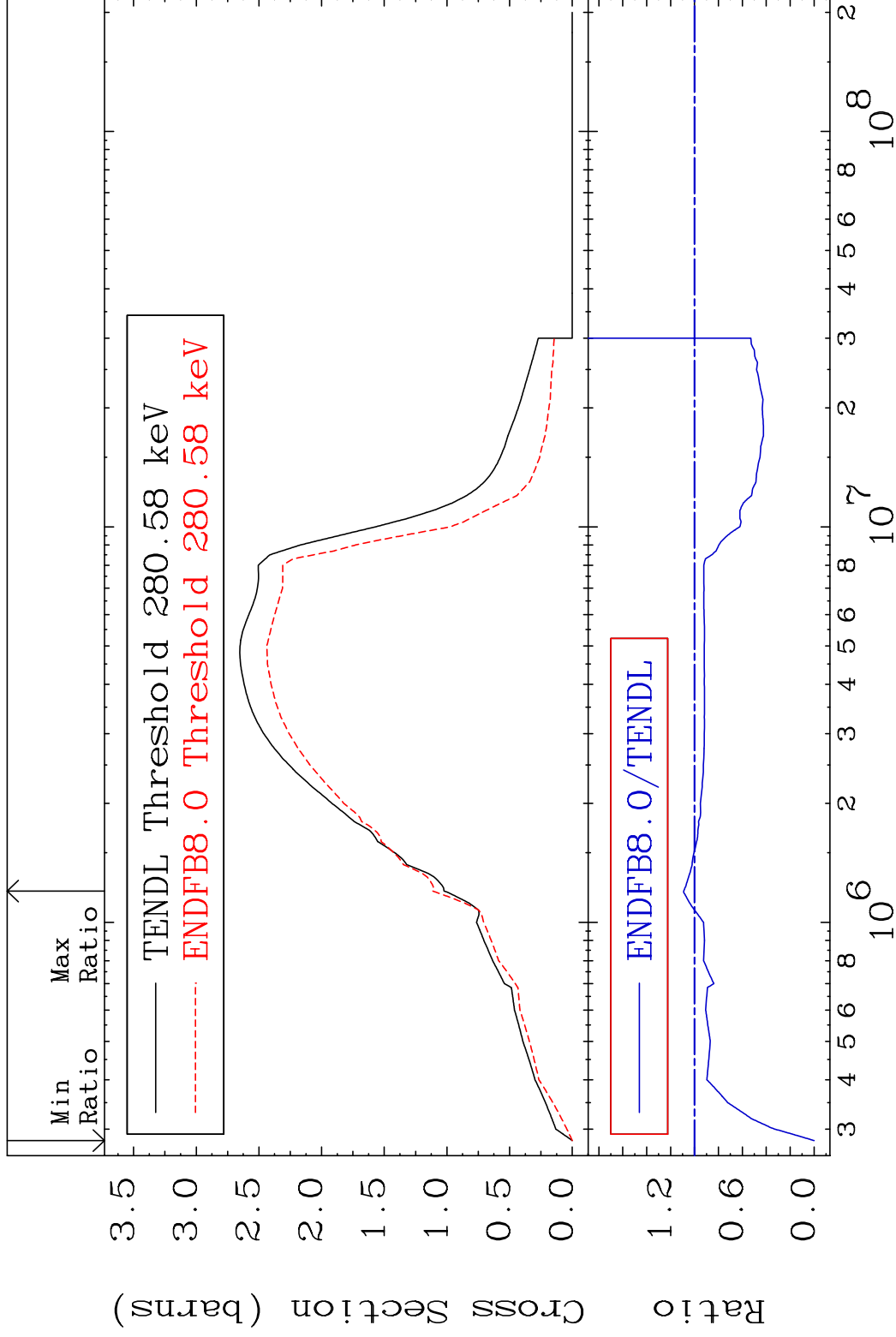


MAT 8125

Inelastic

81-Tl-203

Cross Section -100.0 To 9.092 %



3

Incident Energy (eV)

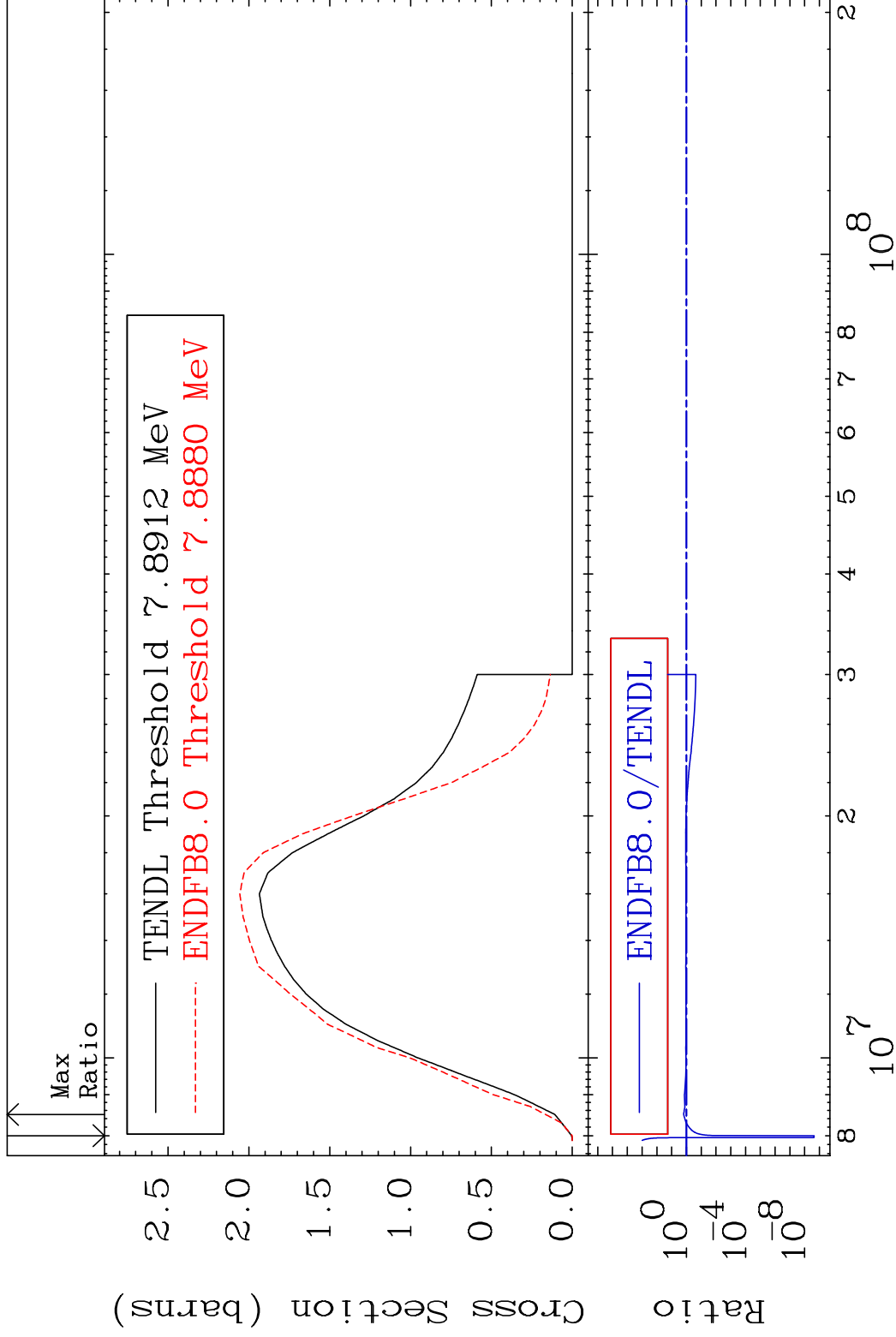
81-Tl-203

MAT 8125

(n,2n)

81-Tl-203

Cross Section -100.0 To 53.54 %



4

Incident Energy (eV)

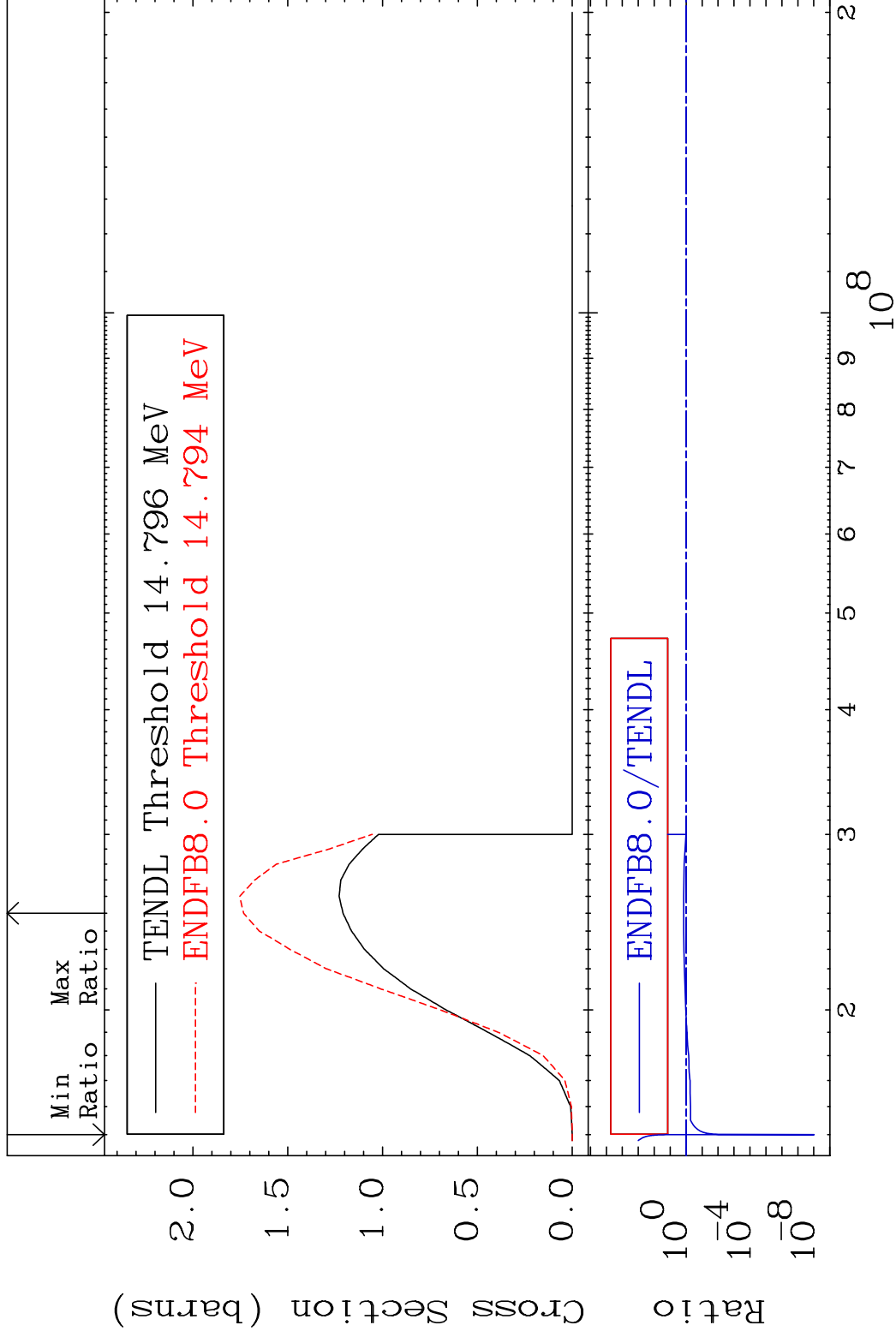
81-Tl-203

MAT 8125

(n,3n)

81-Tl-203

Cross Section -100.0 To 43.37 %



5

Incident Energy (eV)

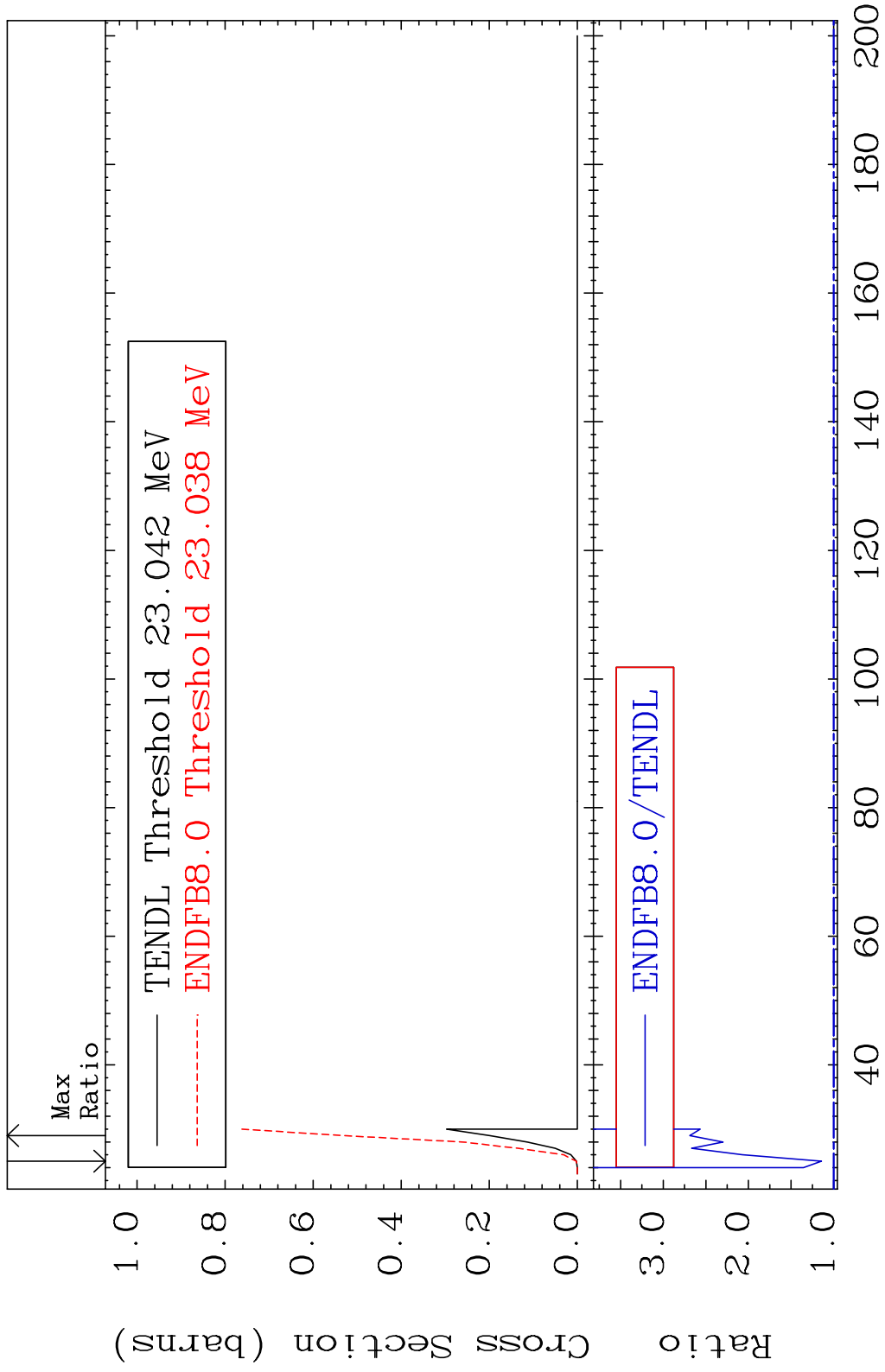
81-Tl-203

MAT 8125

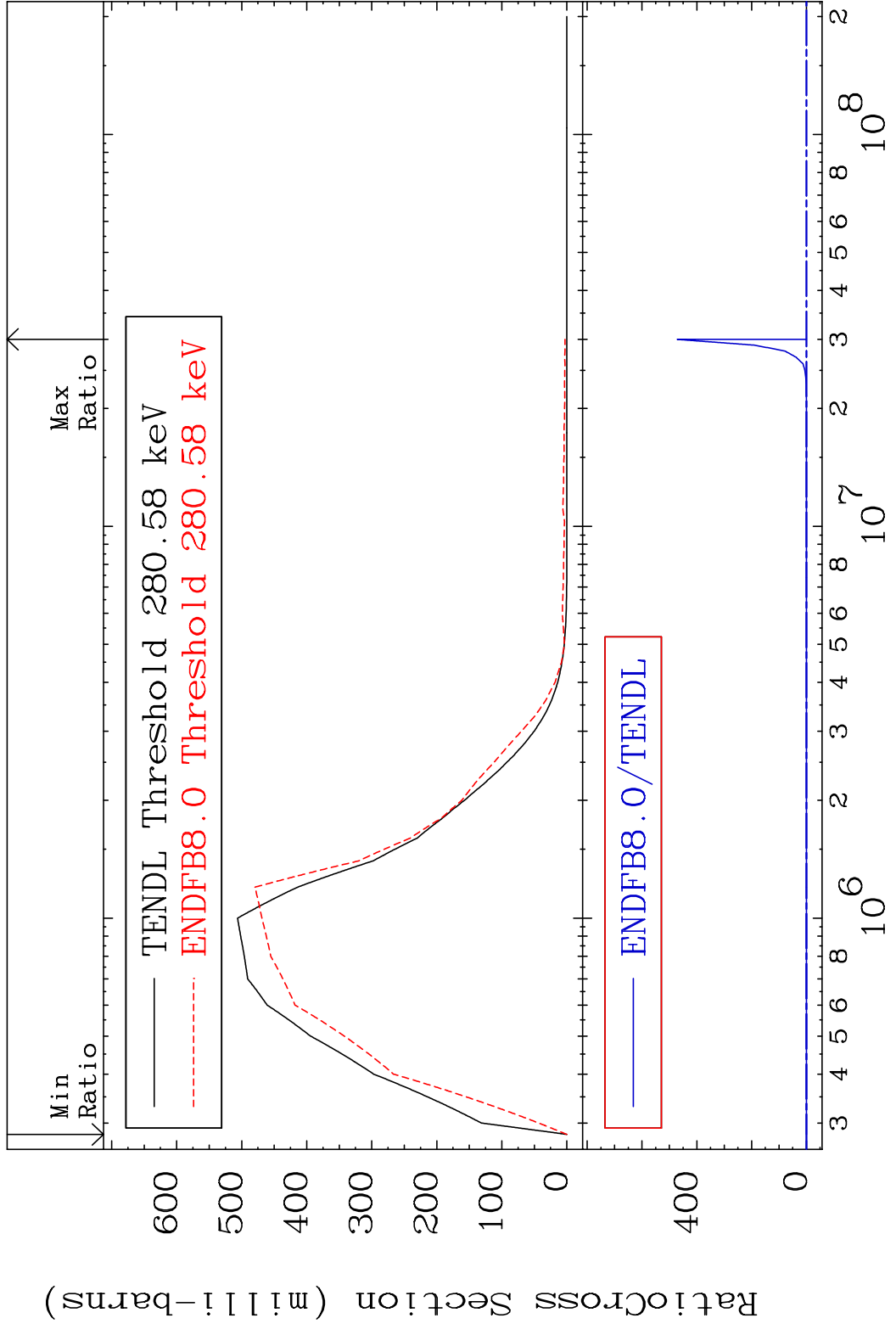
(n,4n)

81-Tl-203

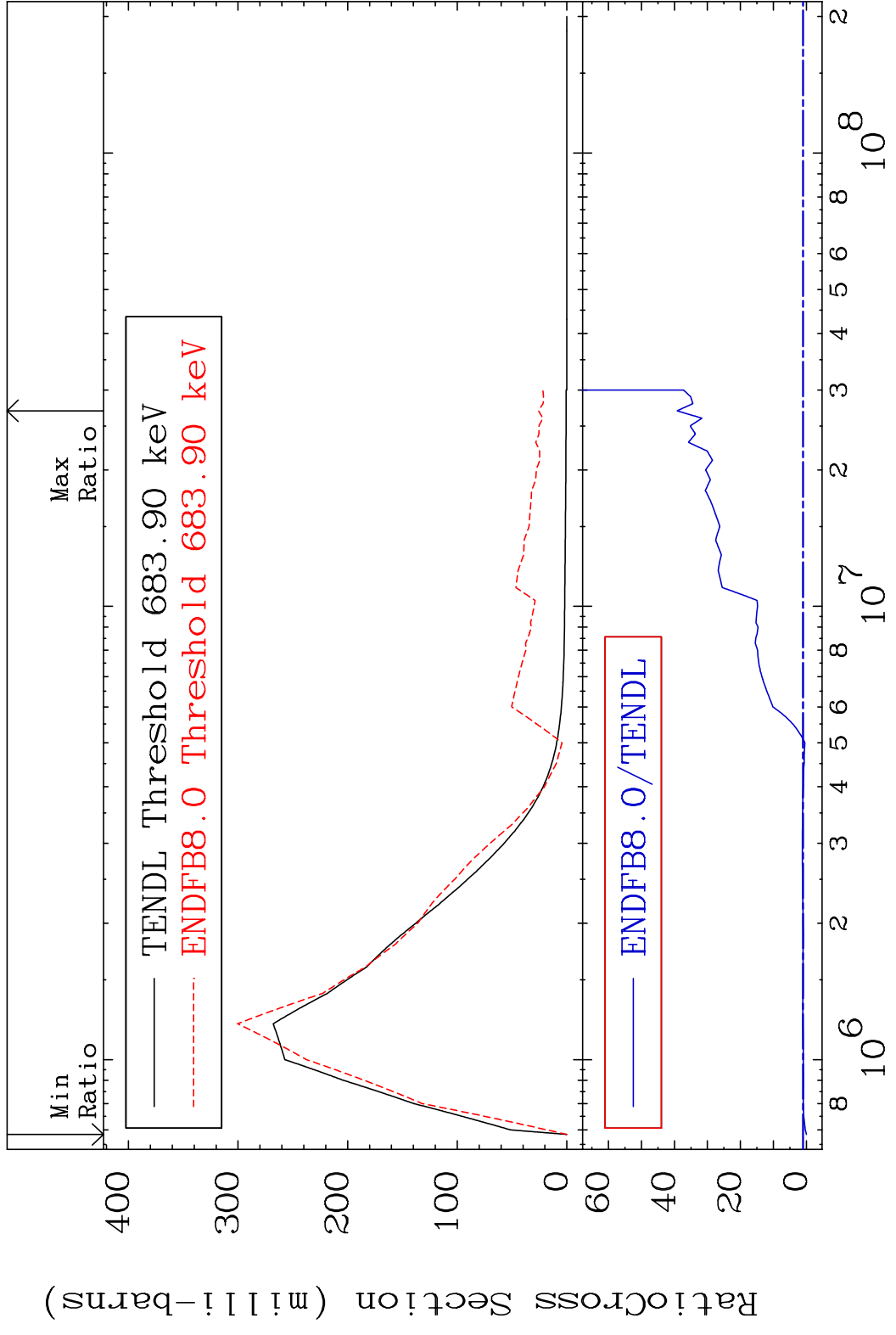
Cross Section 14.46 To 168.8 %



MAT 8125 MT= 51 (n, n') Level 81-Tl-203
 Cross Section -100.0 To 9999. %

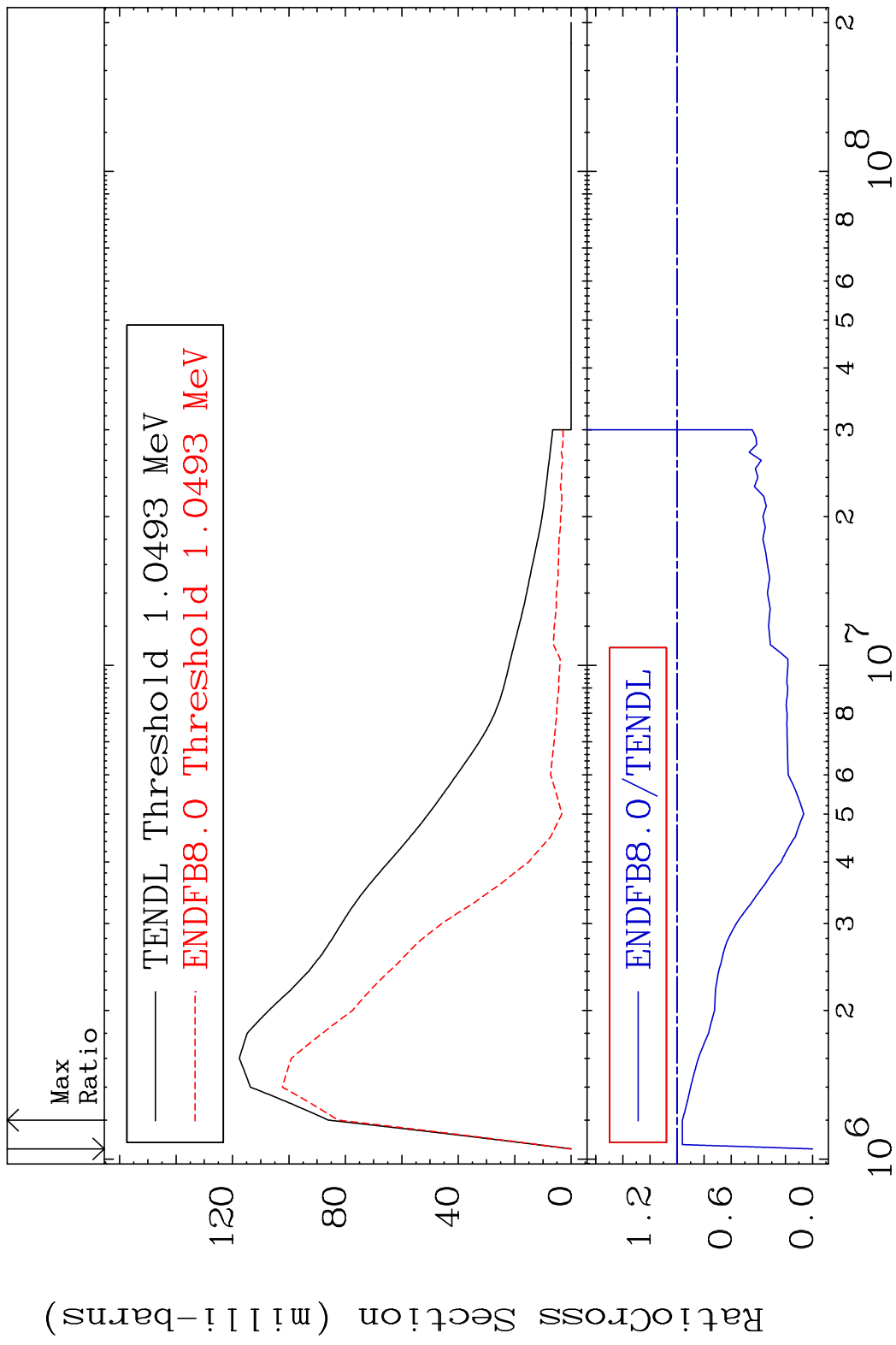


MAT 8125 MT= 52 (n, n') Level 81-Tl-203
 Cross Section -100.0 To 3816. %



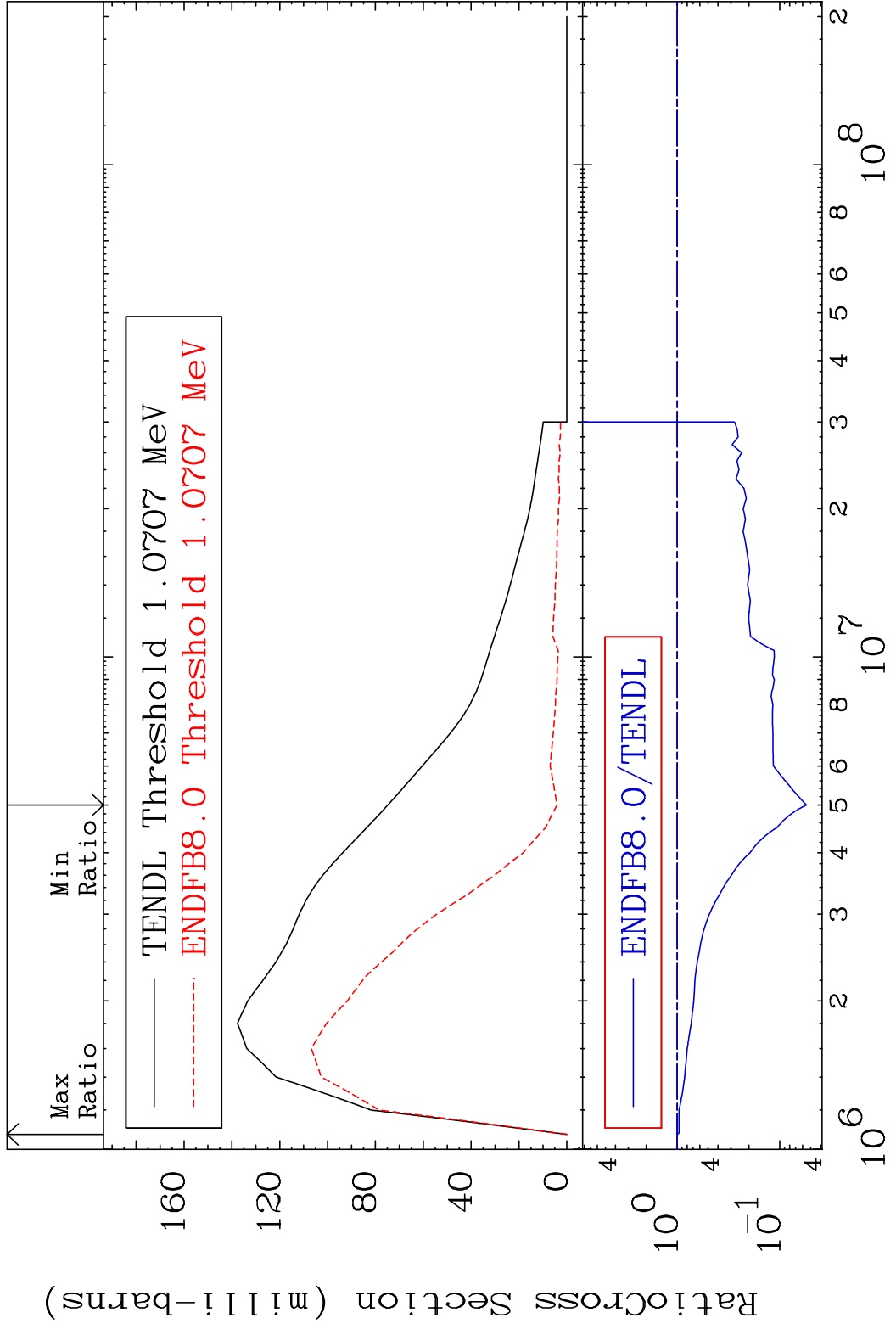
8 8 Incident Energy (eV) 81-Tl-203

MAT 8125 MT= 53 (n, n') Level 81-Tl-203
 Cross Section -100.0 To -3.934%



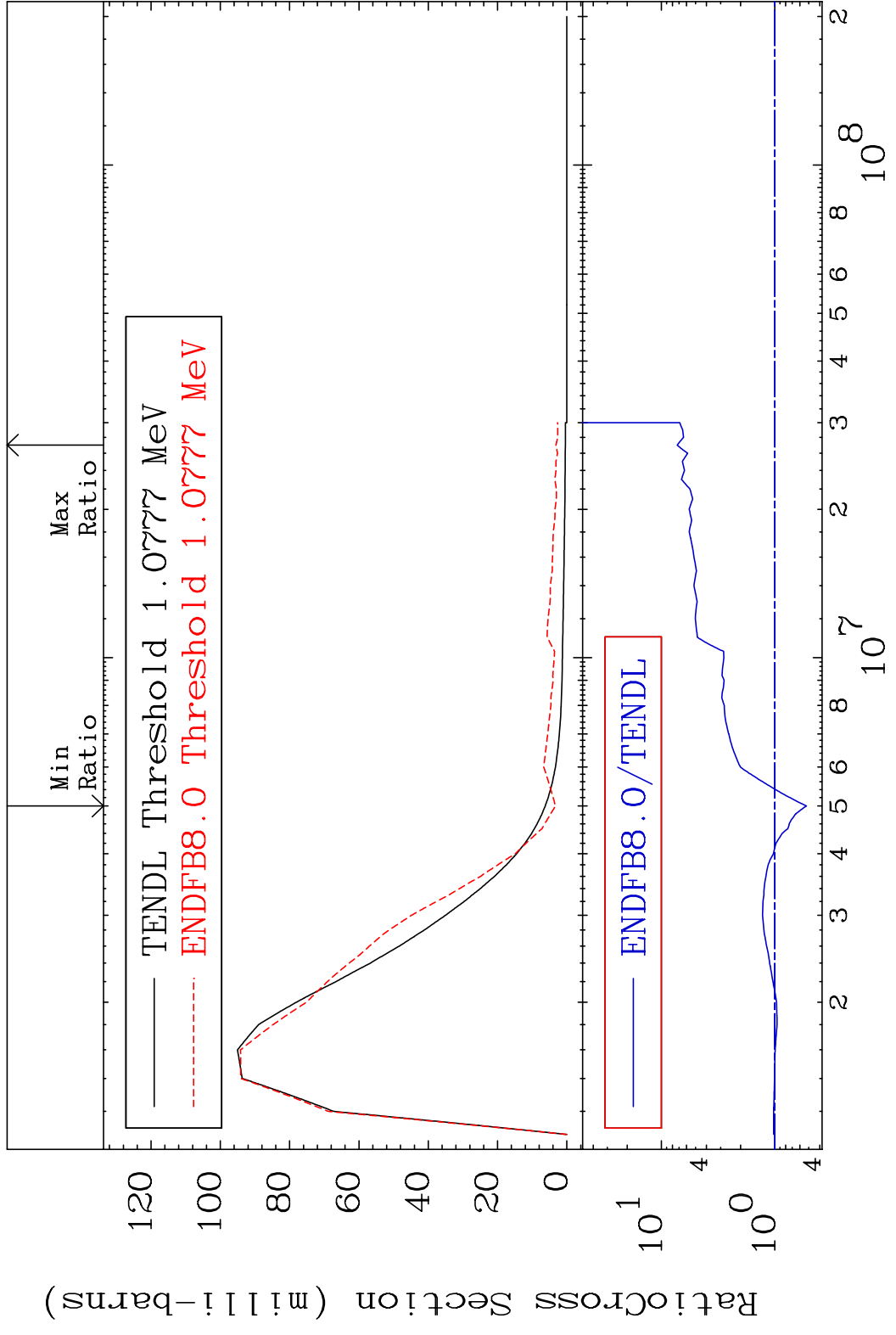
9 Incident Energy (eV) 81-Tl-203

MAT 8125 MT= 54 (n, n') Level 81-Tl-203
 Cross Section -94.50 To 0.000 %

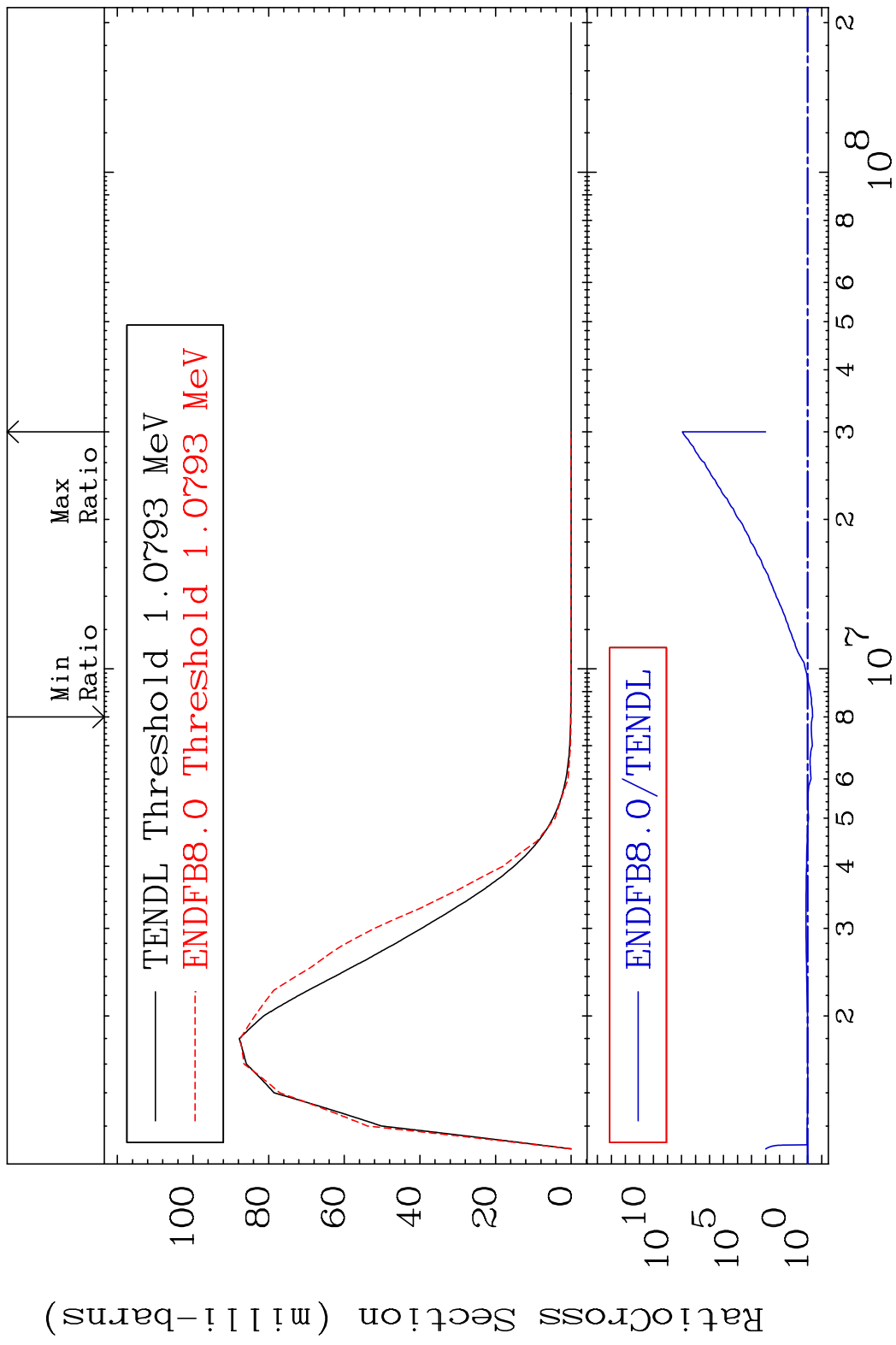


10 10 Incident Energy (eV) 81-Tl-203

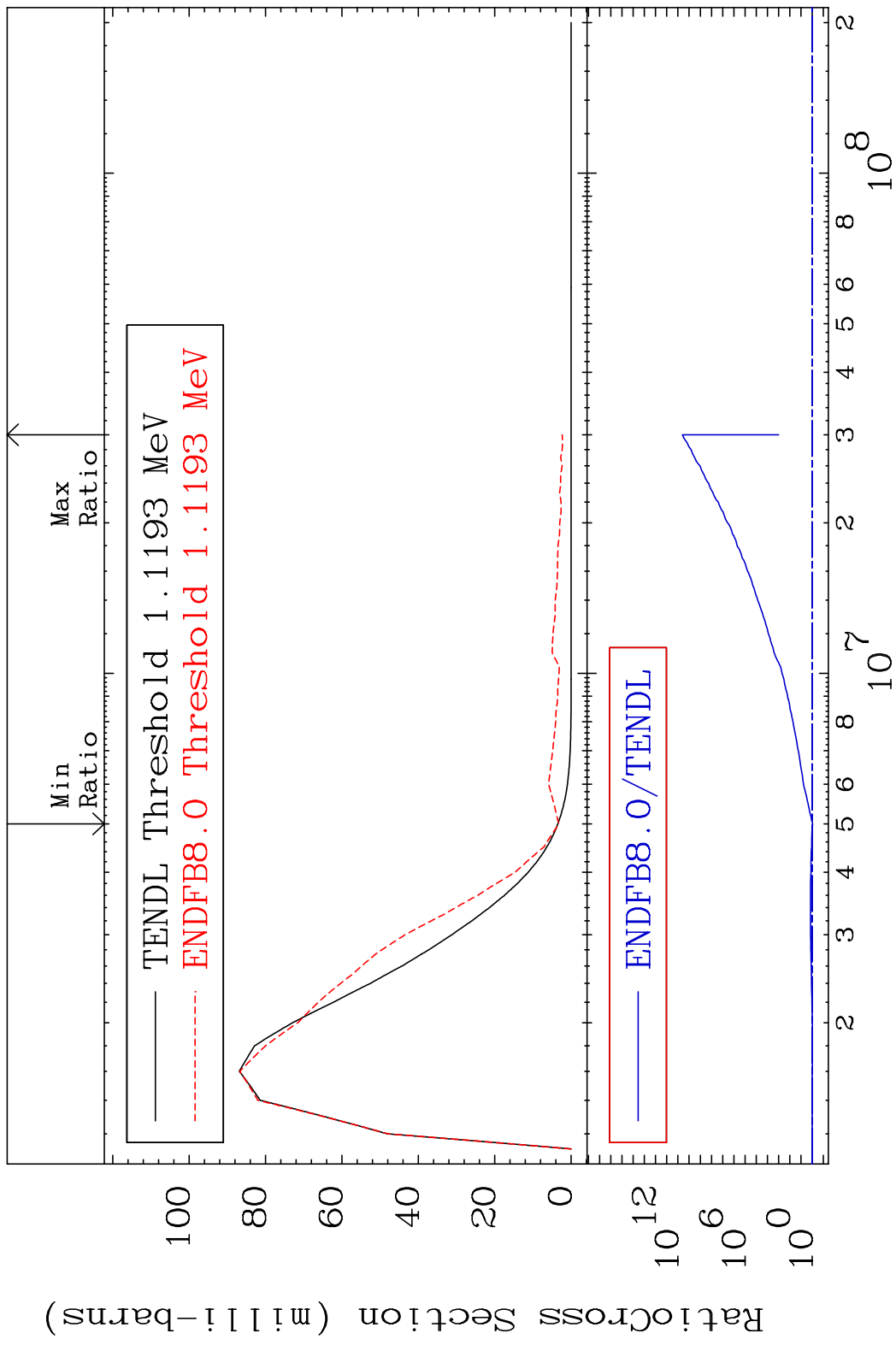
MAT 8125 MT= 55 (n, n') Level 81-Tl-203
 Cross Section -47.50 To 625.5 %



MAT 8125 MT= 56 (n, n') Level 81-Tl-203
 Cross Section -55.18 To 9999. %

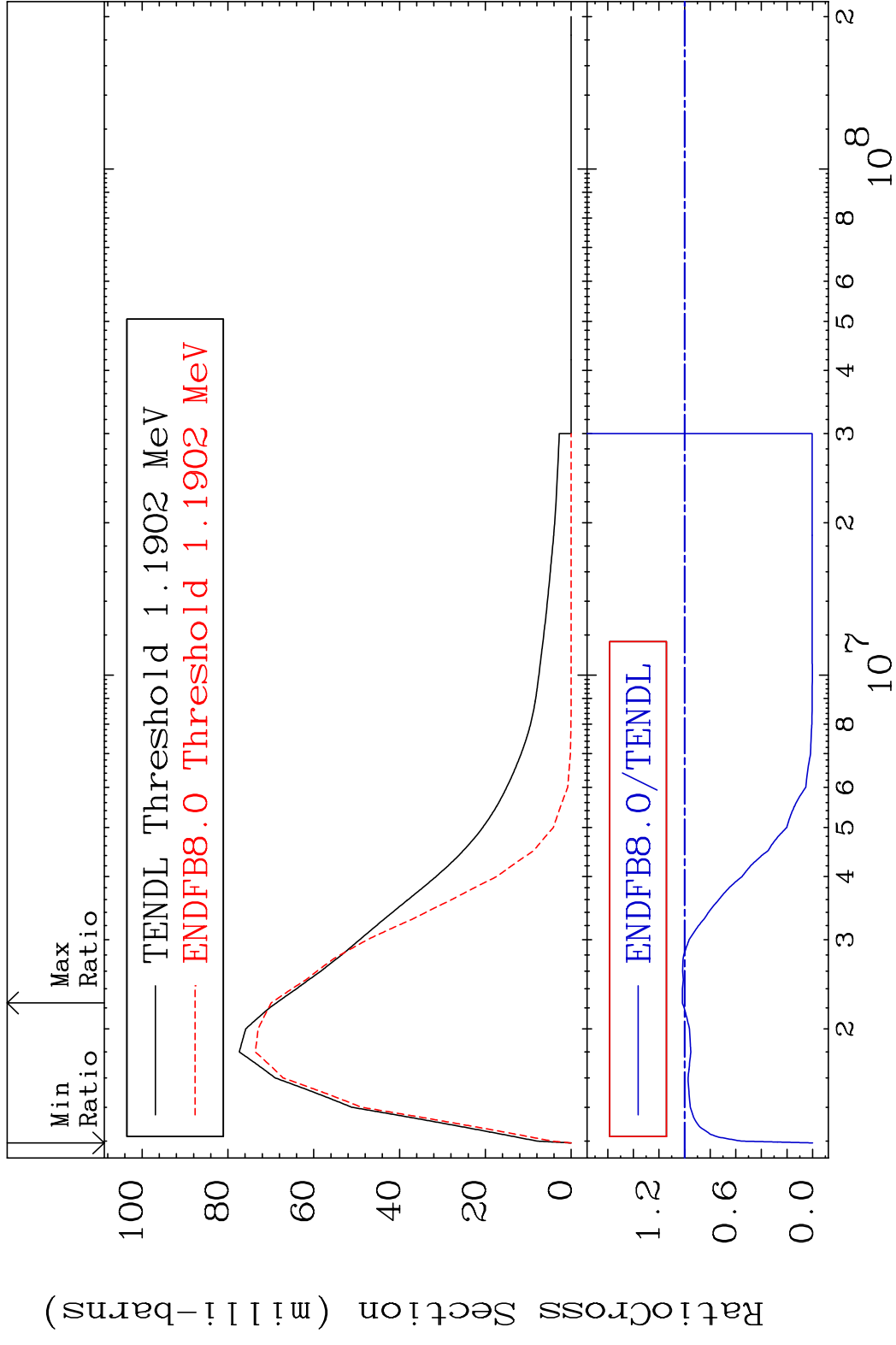


MAT 8125 MT= 57 (n, n') Level 81-Tl-203
 Cross Section -6.279 To 9999. %

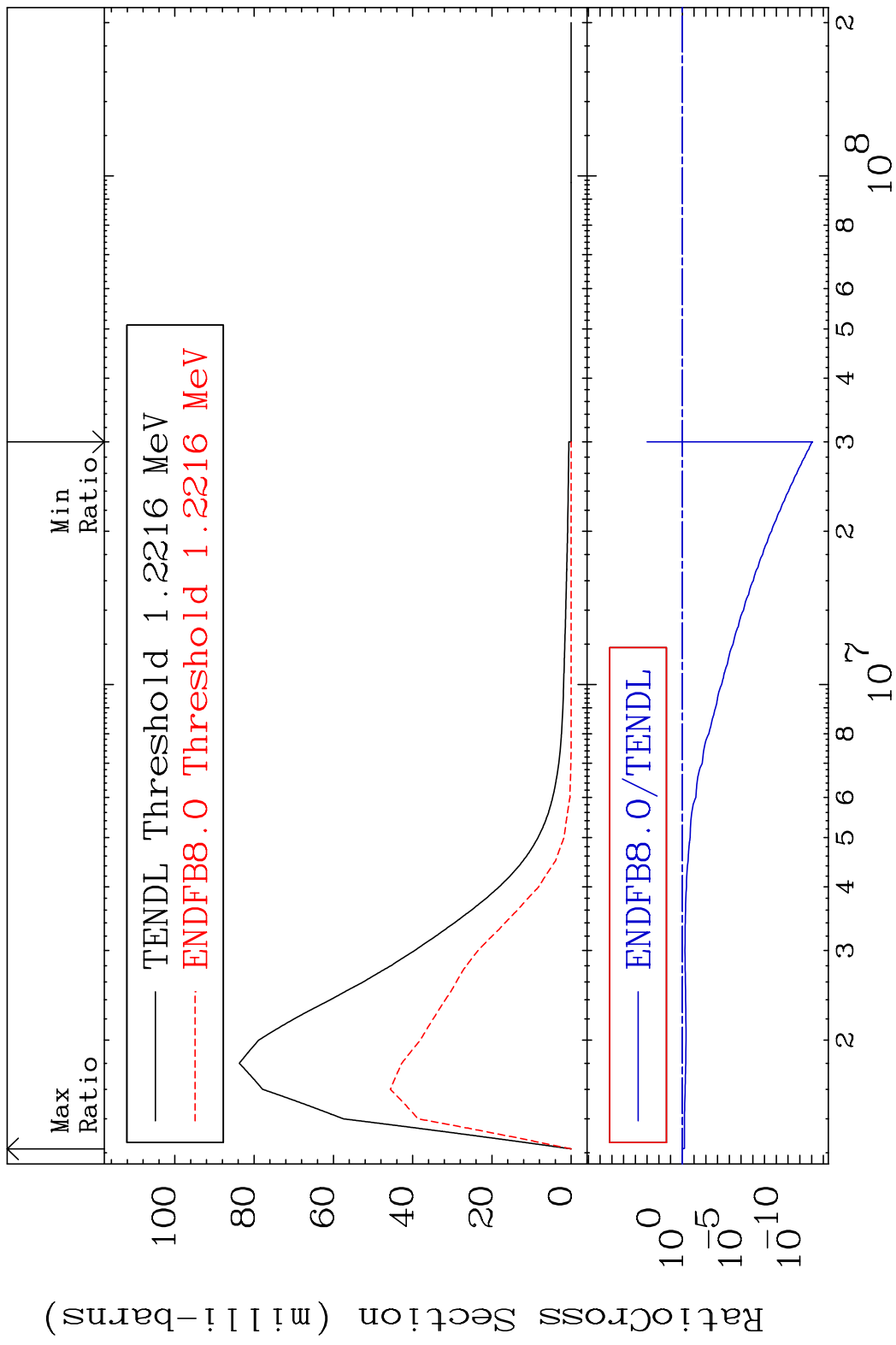


13 Incident Energy (eV) 81-Tl-203

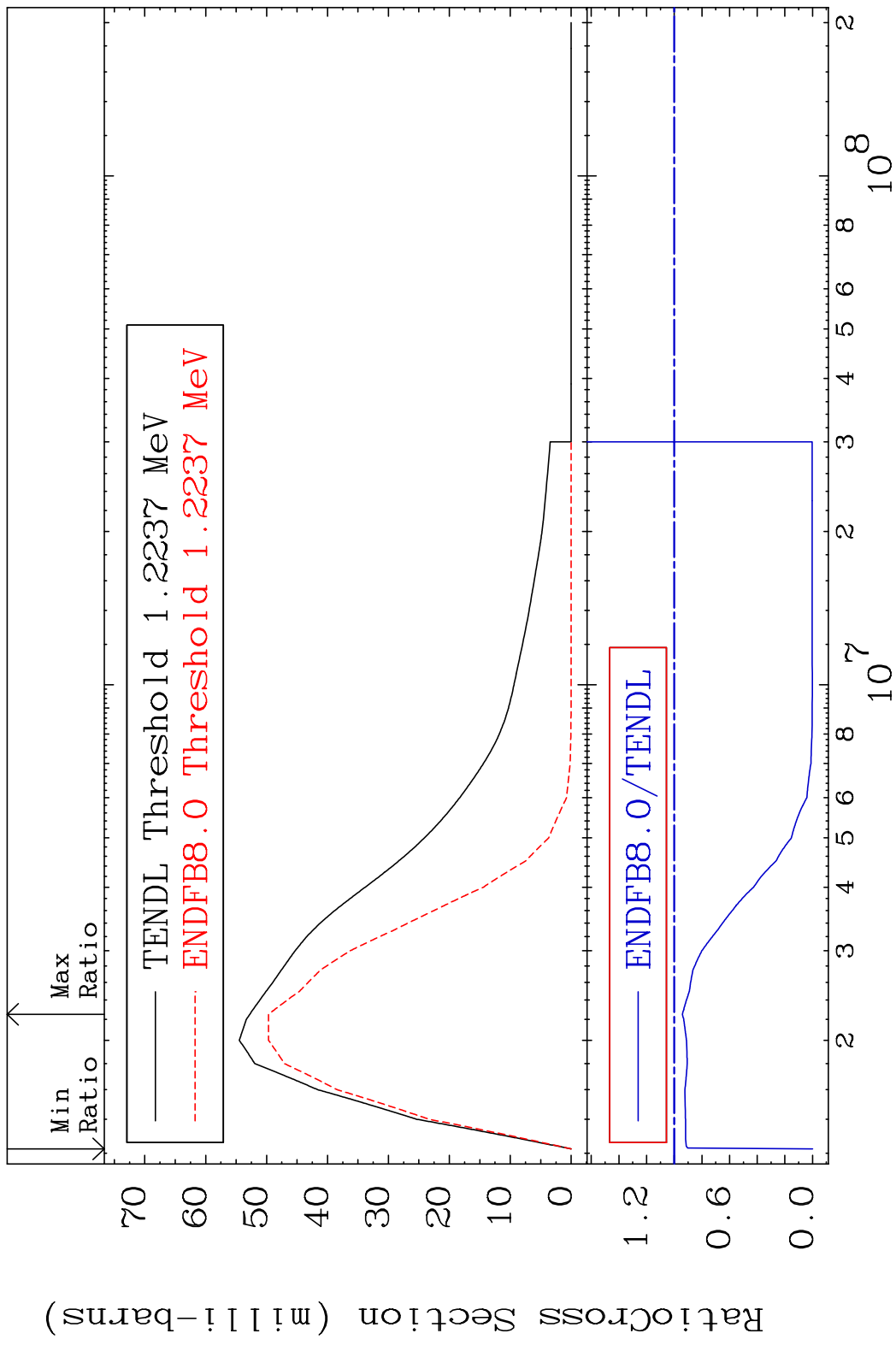
MAT 8125 MT= 58 (n, n') Level 81-Tl-203
 Cross Section -100.0 To 1.729 %



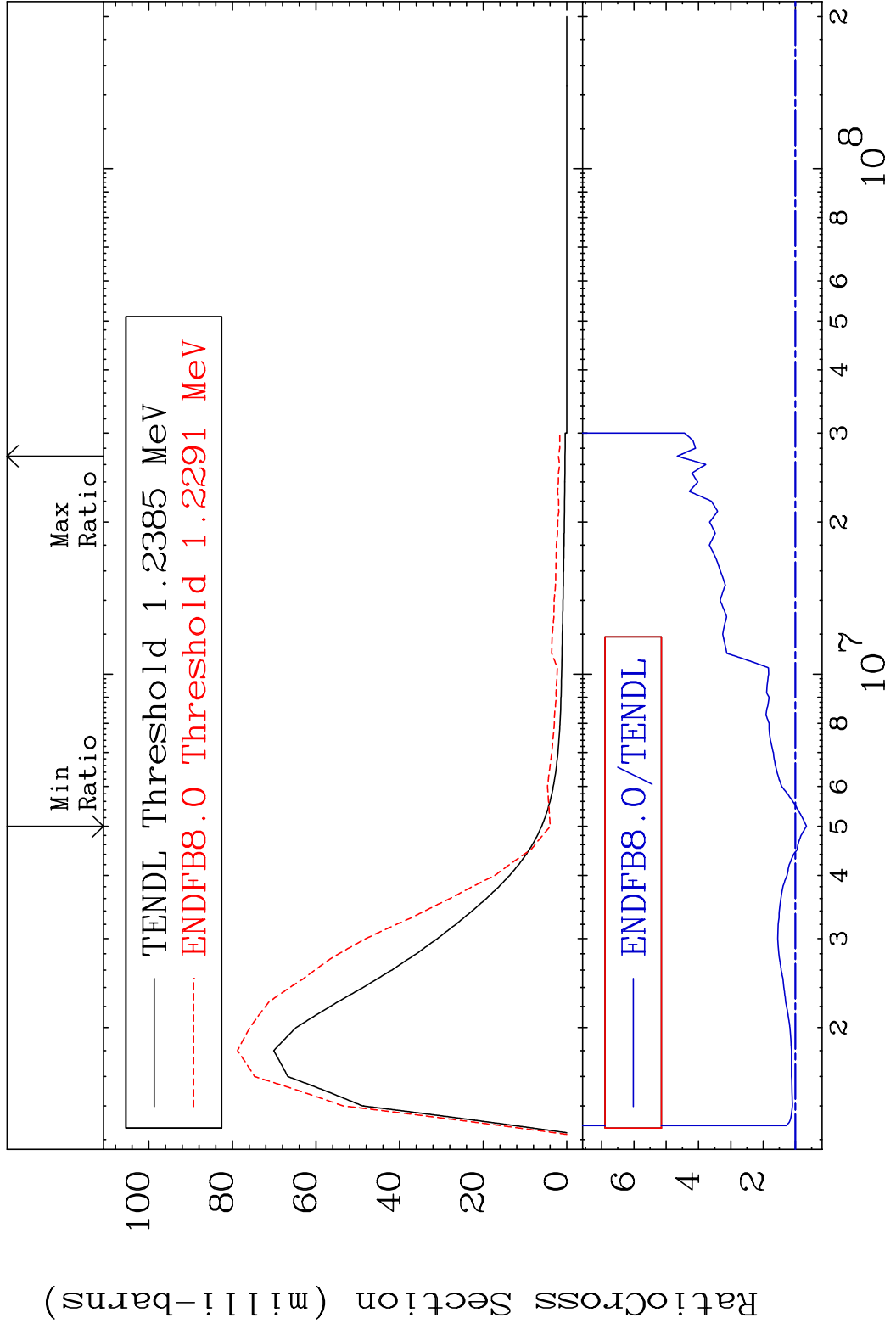
MAT 8125 MT= 59 (n, n') Level 81-Tl-203
 Cross Section -100.0 To 0.000 %



MAT 8125 MT= 60 (n, n') Level 81-Tl-203
 Cross Section -100.0 To -5.855%

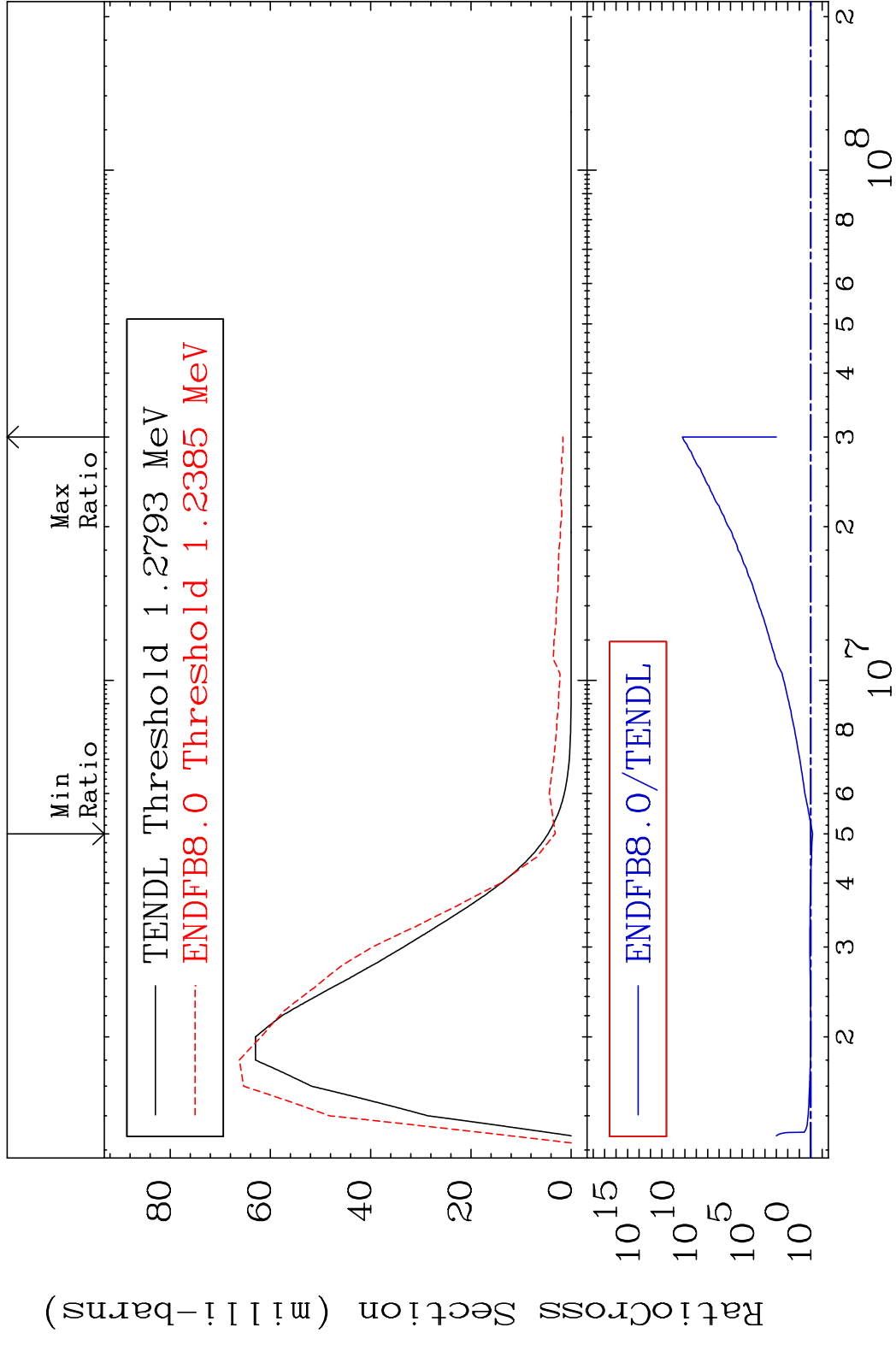


MAT 8125 MT= 61 (n, n') Level 81-Tl-203
 Cross Section -33.90 To 366.1 %

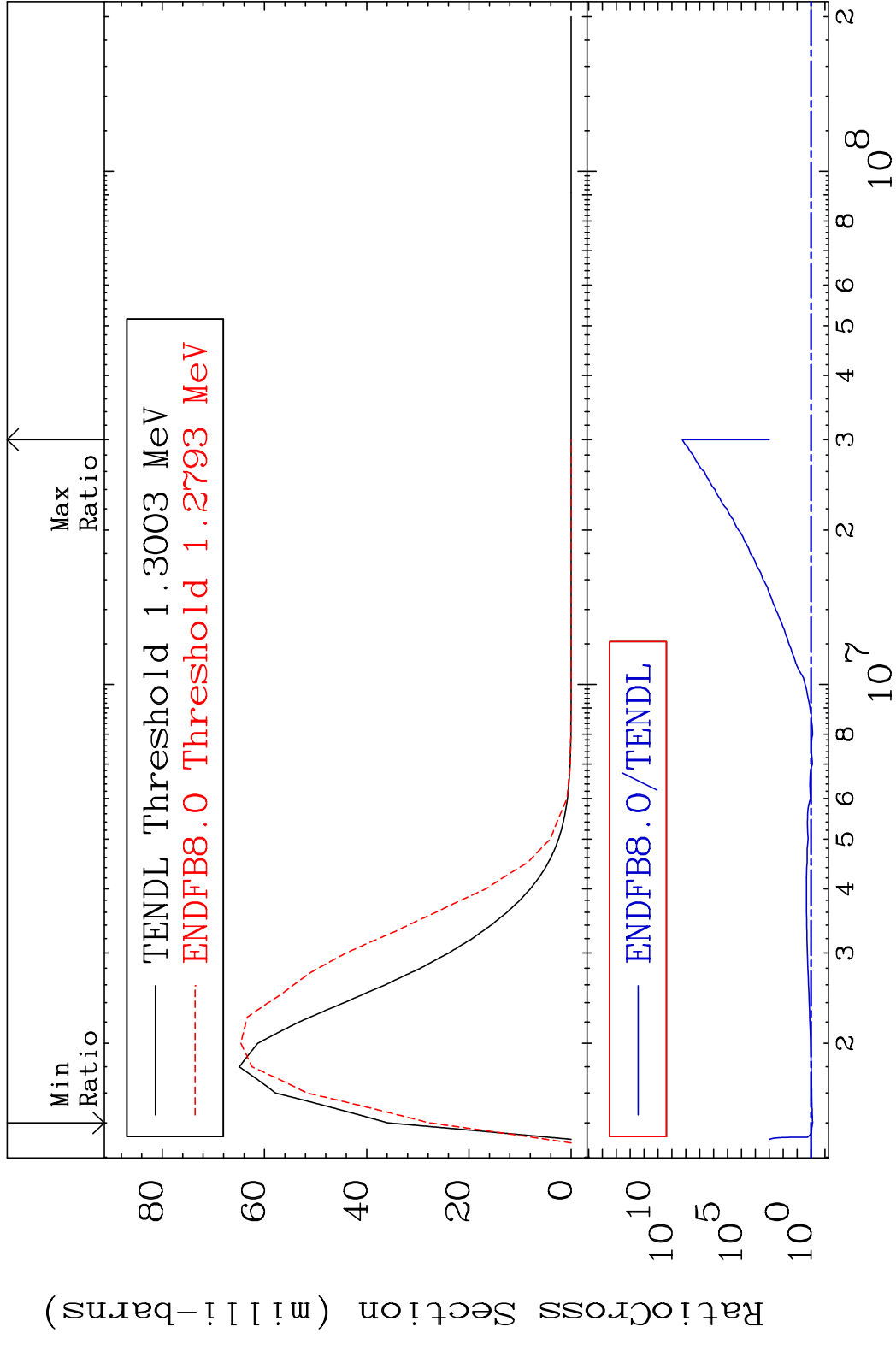


17 Incident Energy (eV) 81-Tl-203

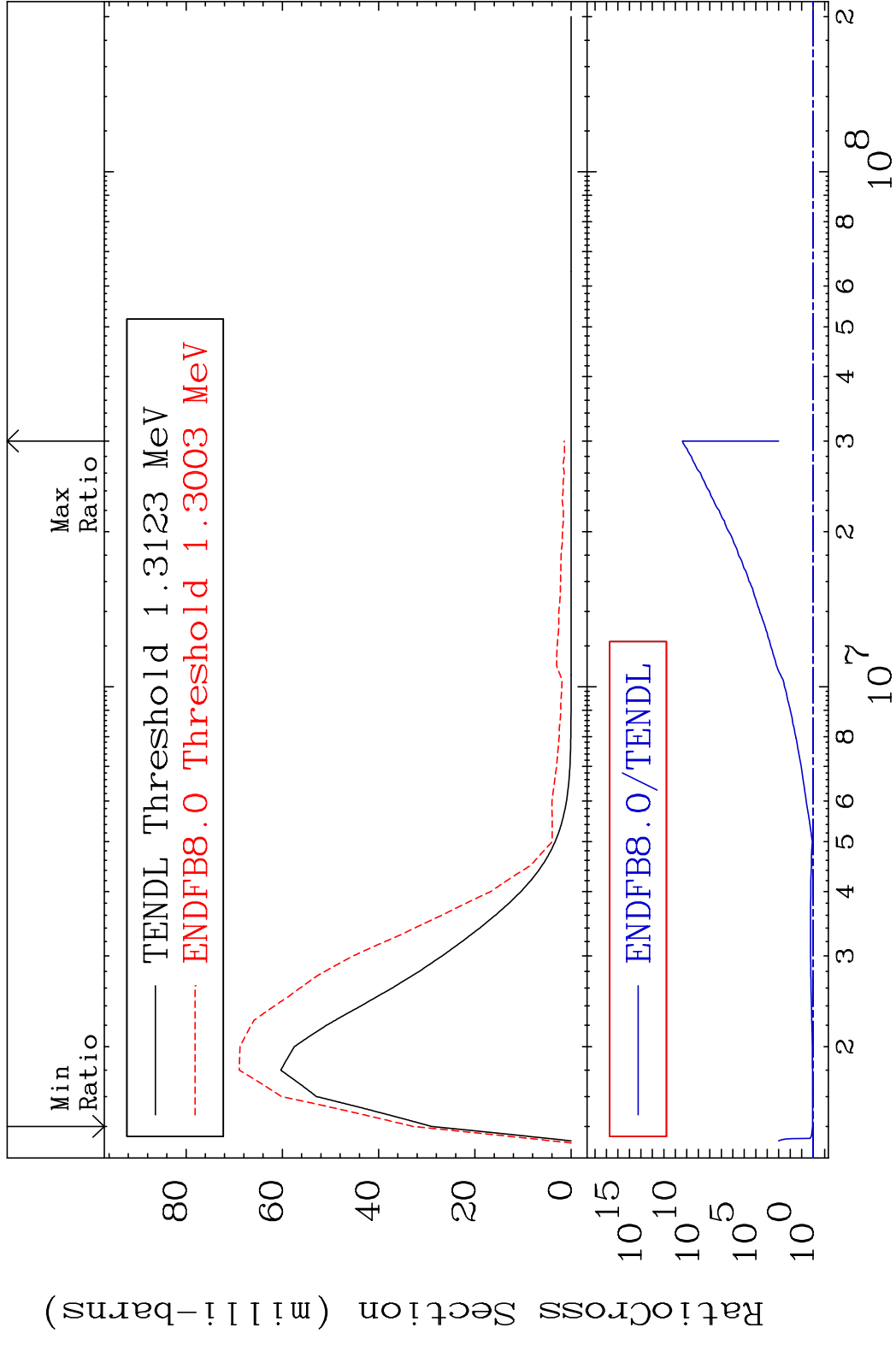
MAT 8125 MT= 62 (n, n') Level 81-T1-203
 Cross Section -30.82 To 9999. %



MAT 8125 MT= 63 (n, n') Level 81-Tl-203
 Cross Section -22.69 To 9999. %

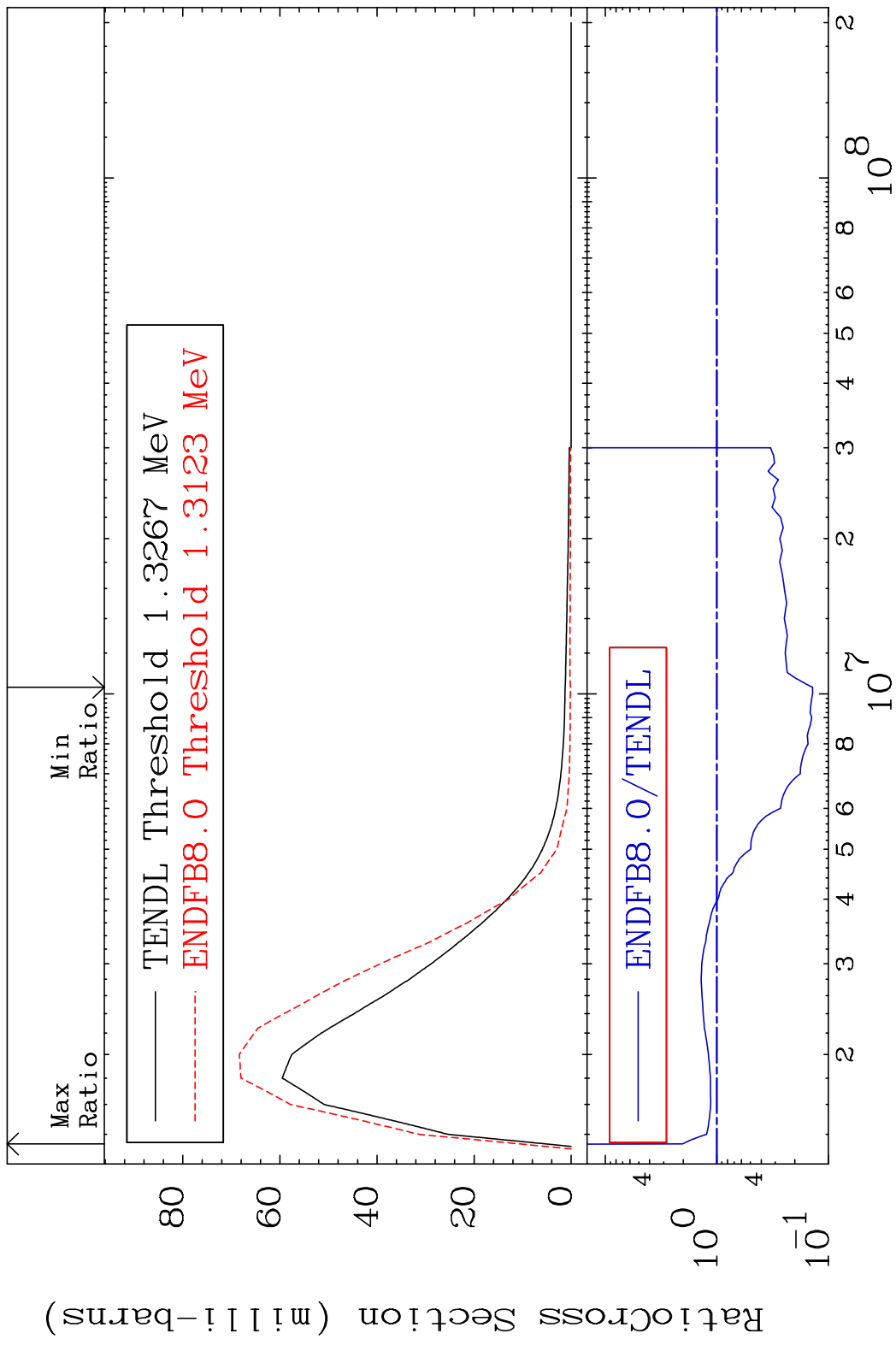


MAT 8125 MT= 64 (n, n') Level 81-Tl-203
 Cross Section 13.21 To 9999. %

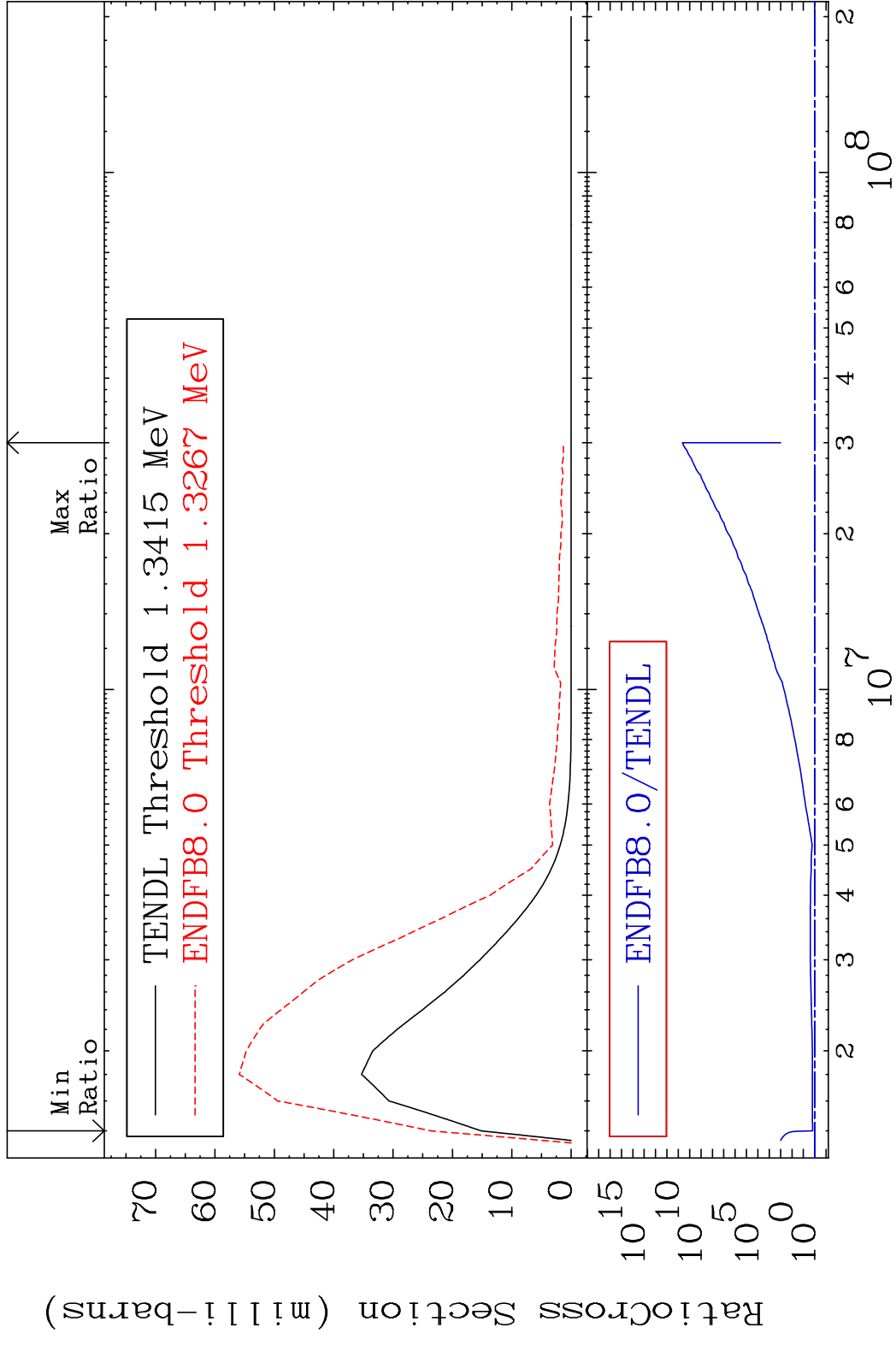


20 Incident Energy (eV) 81-Tl-203

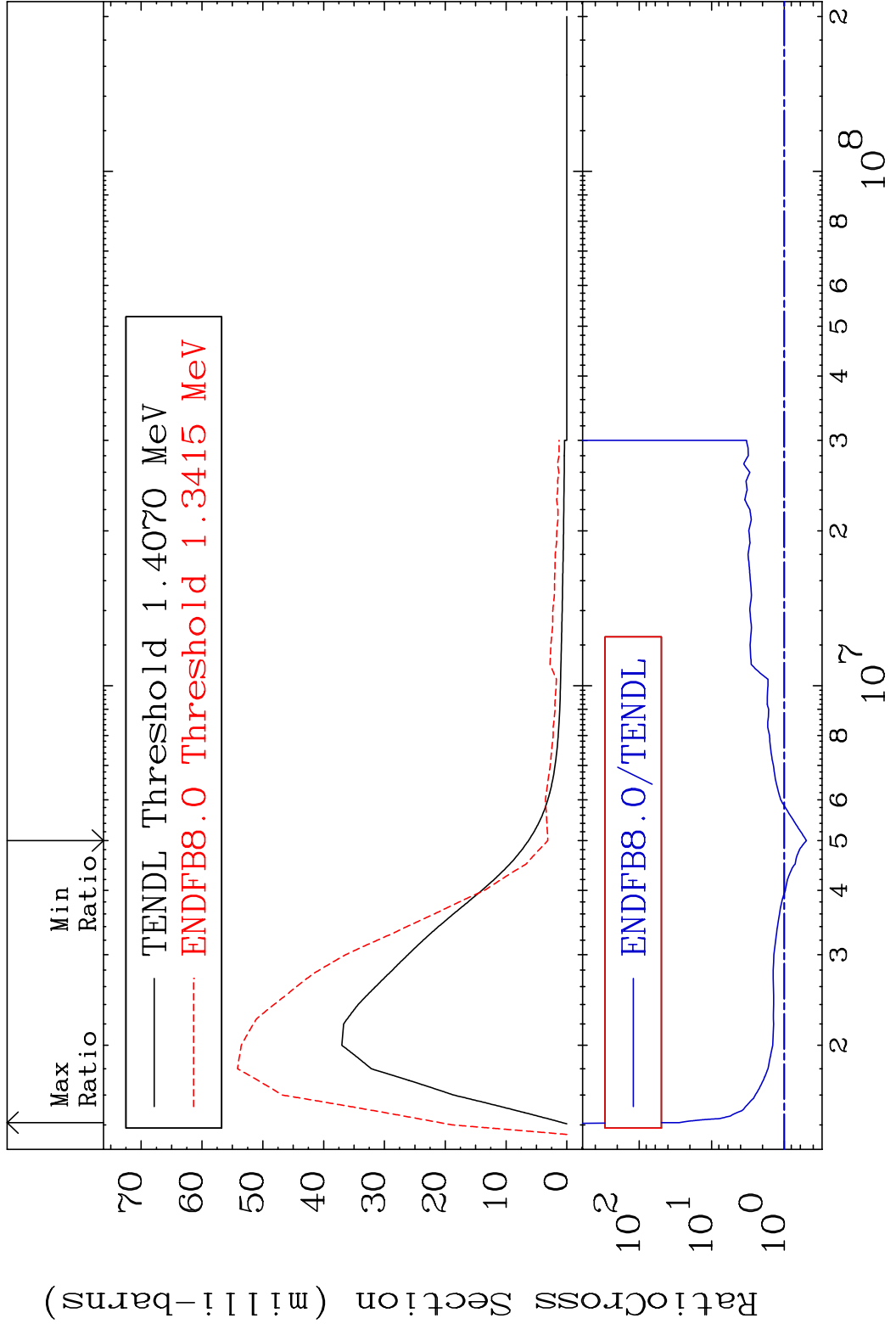
MAT 8125 MT= 65 (n, n') Level 81-Tl-203
 Cross Section -86.14 To 103.7 %



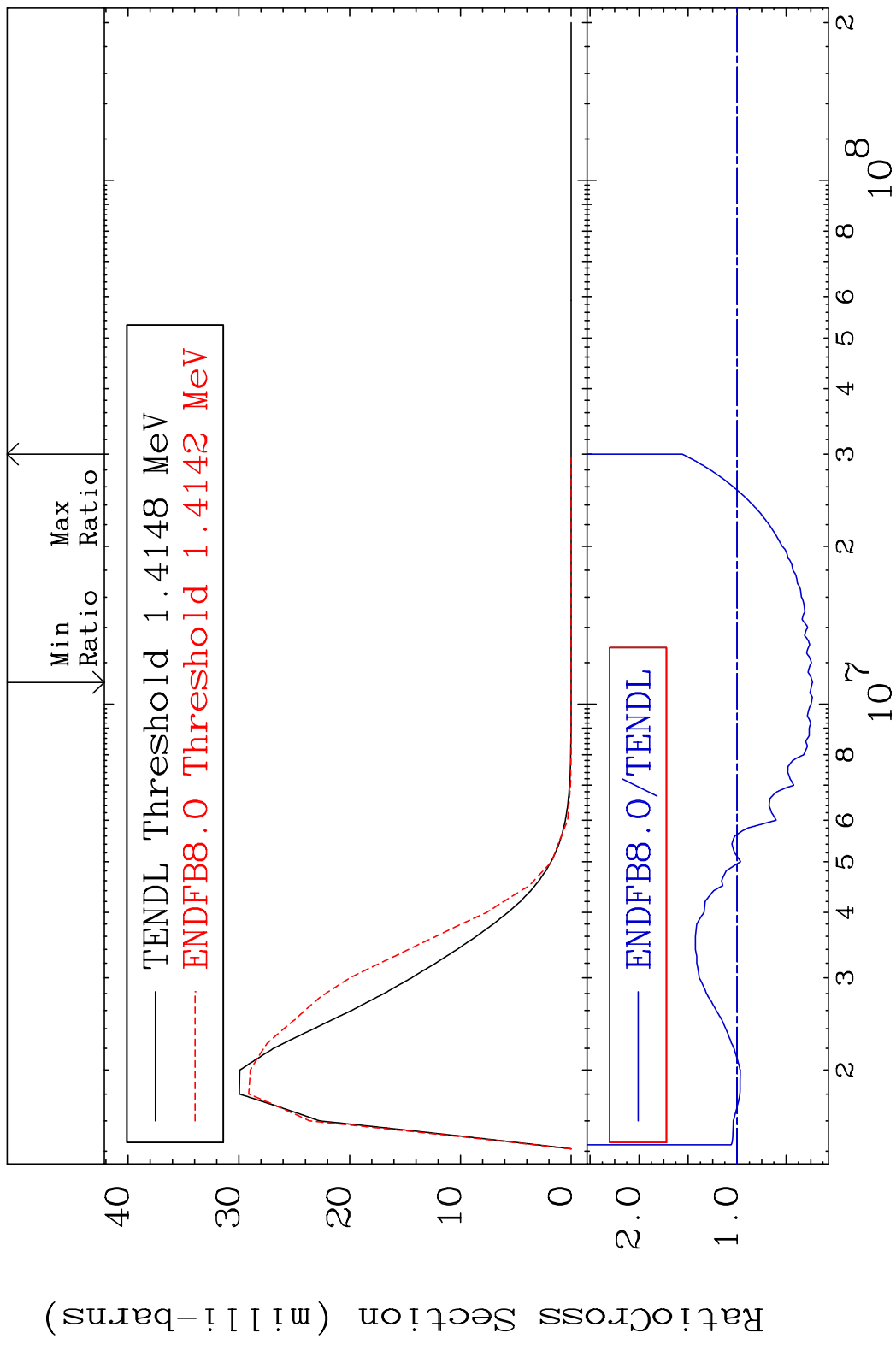
MAT 8125 MT= 66 (n, n') Level 81-Tl-203
 Cross Section 55.54 To 9999. %



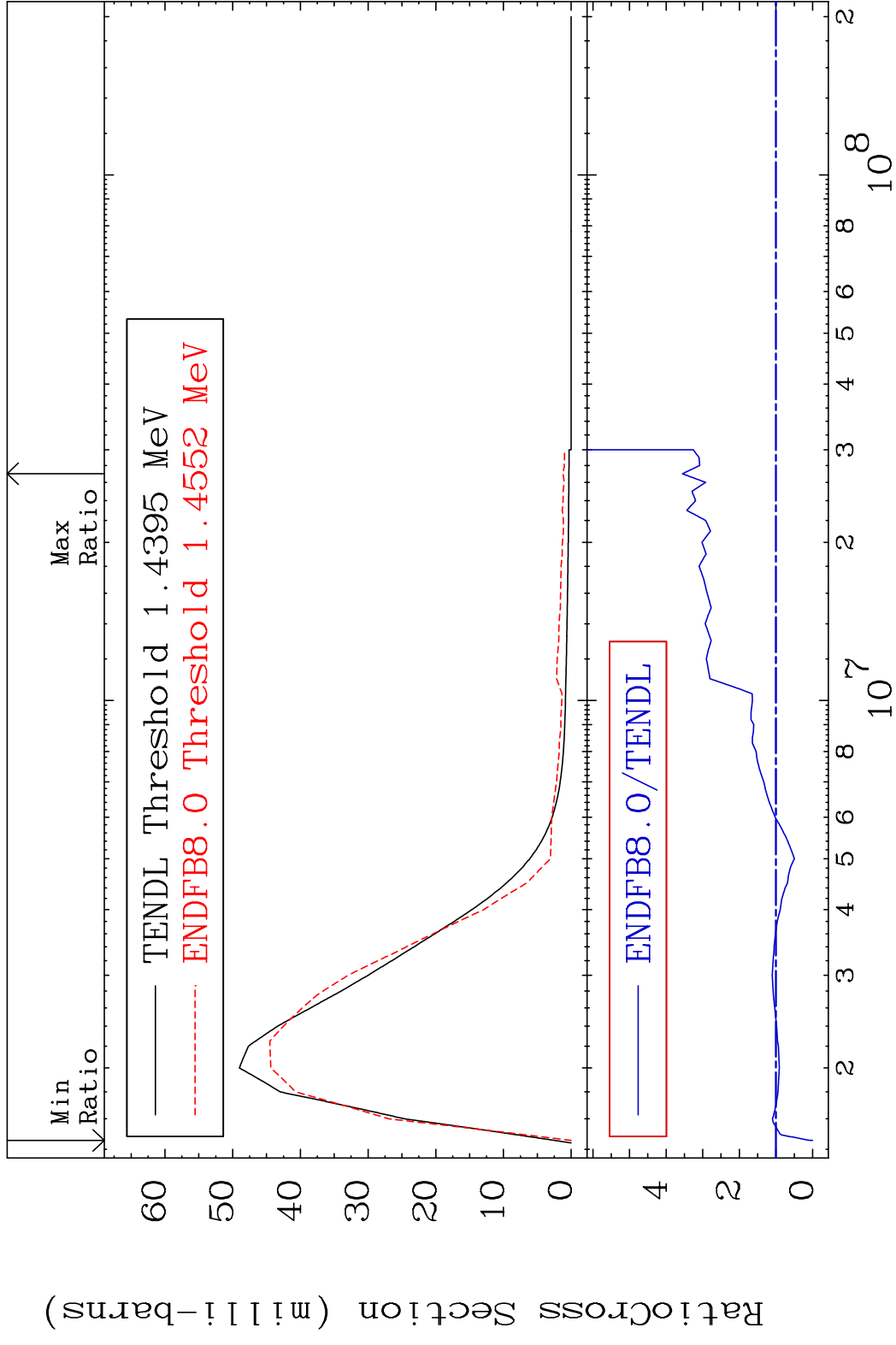
MAT 8125 MT= 67 (n, n') Level 81-Tl-203
 Cross Section -50.32 To 2889. %



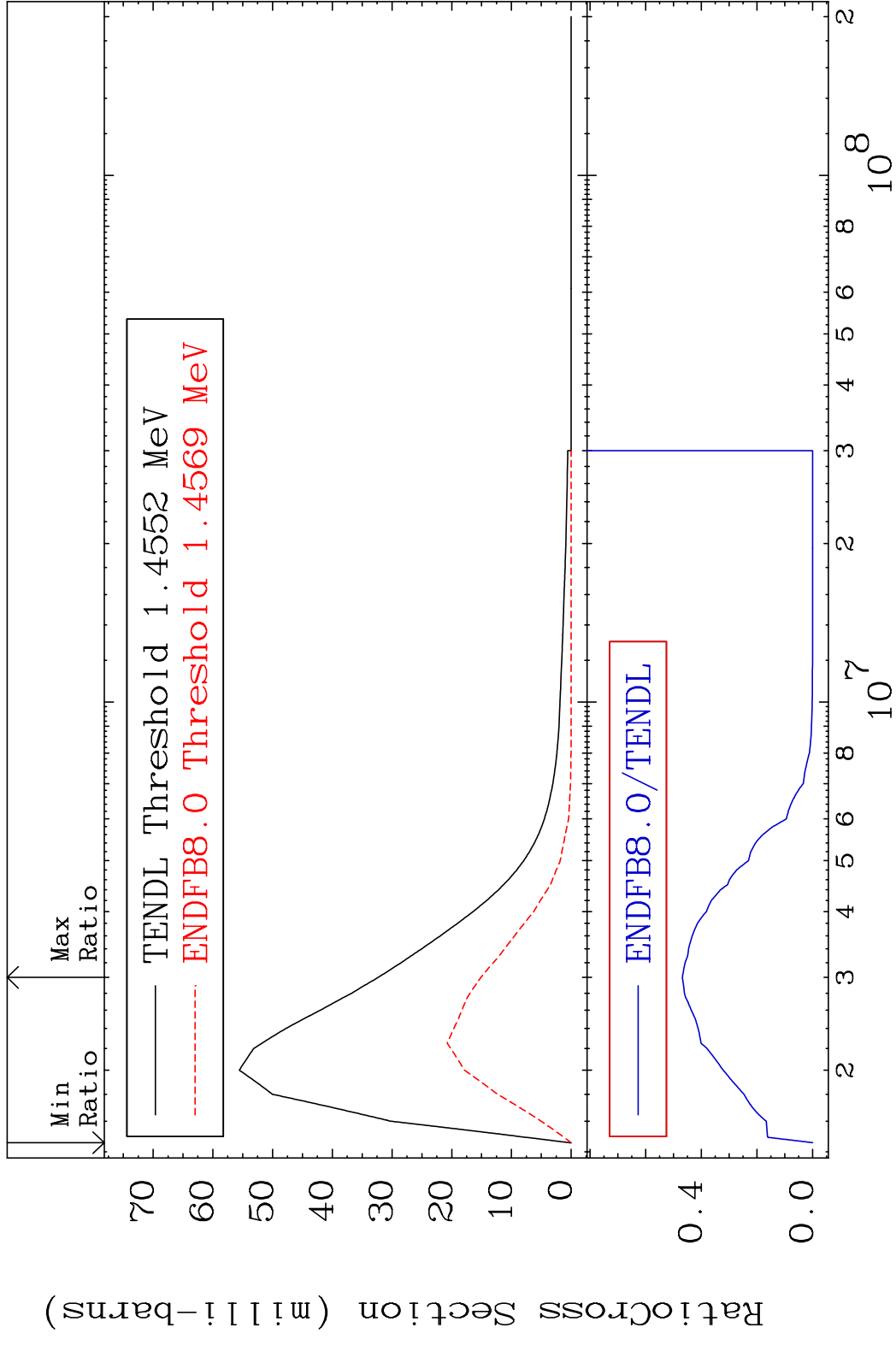
MAT 8125 MT= 68 (n, n') Level 81-Tl-203
 Cross Section -76.90 To 55.89 %



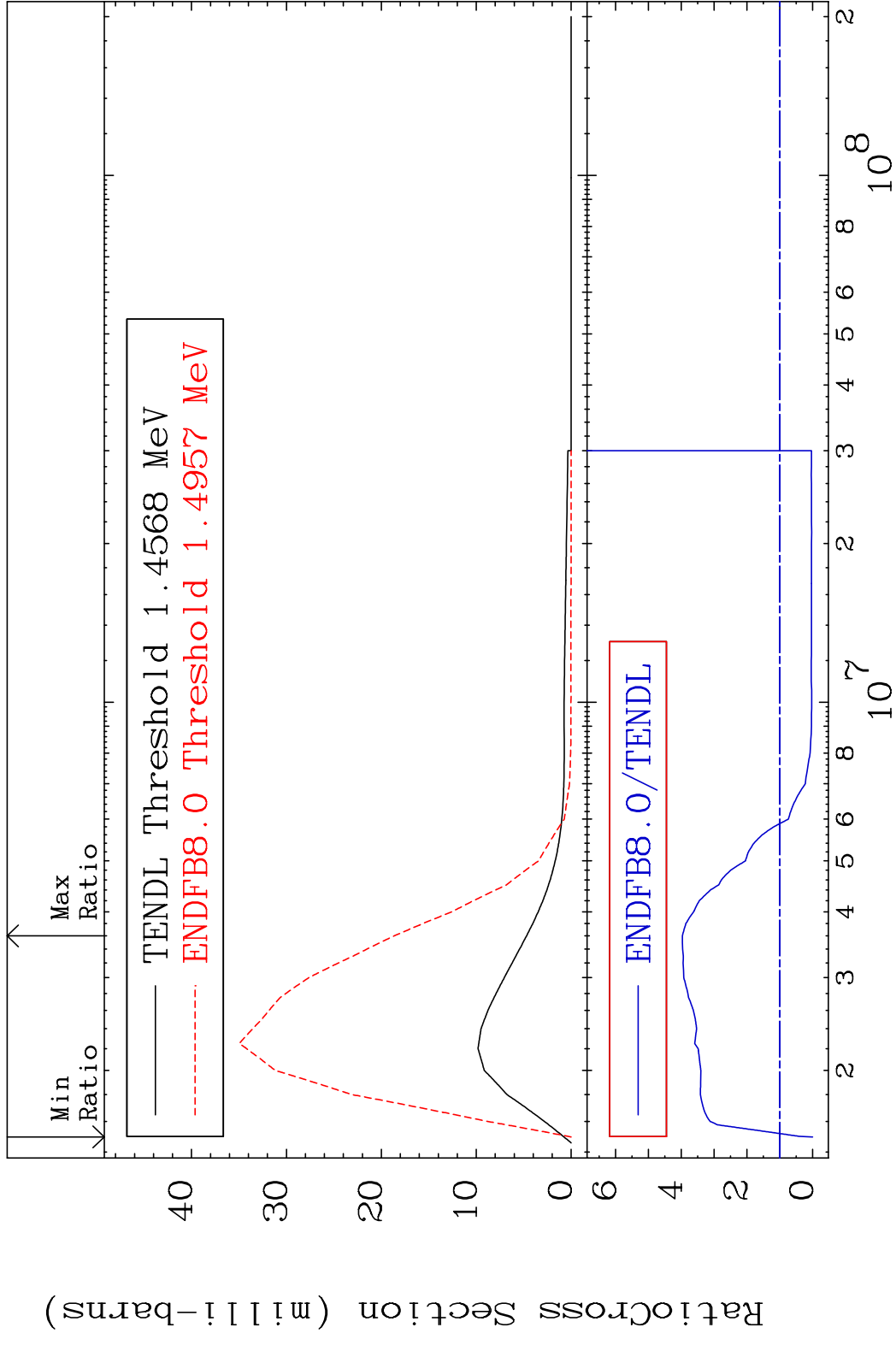
MAT 8125 MT= 69 (n, n') Level 81-Tl-203
 Cross Section -100.0 To 255.6 %



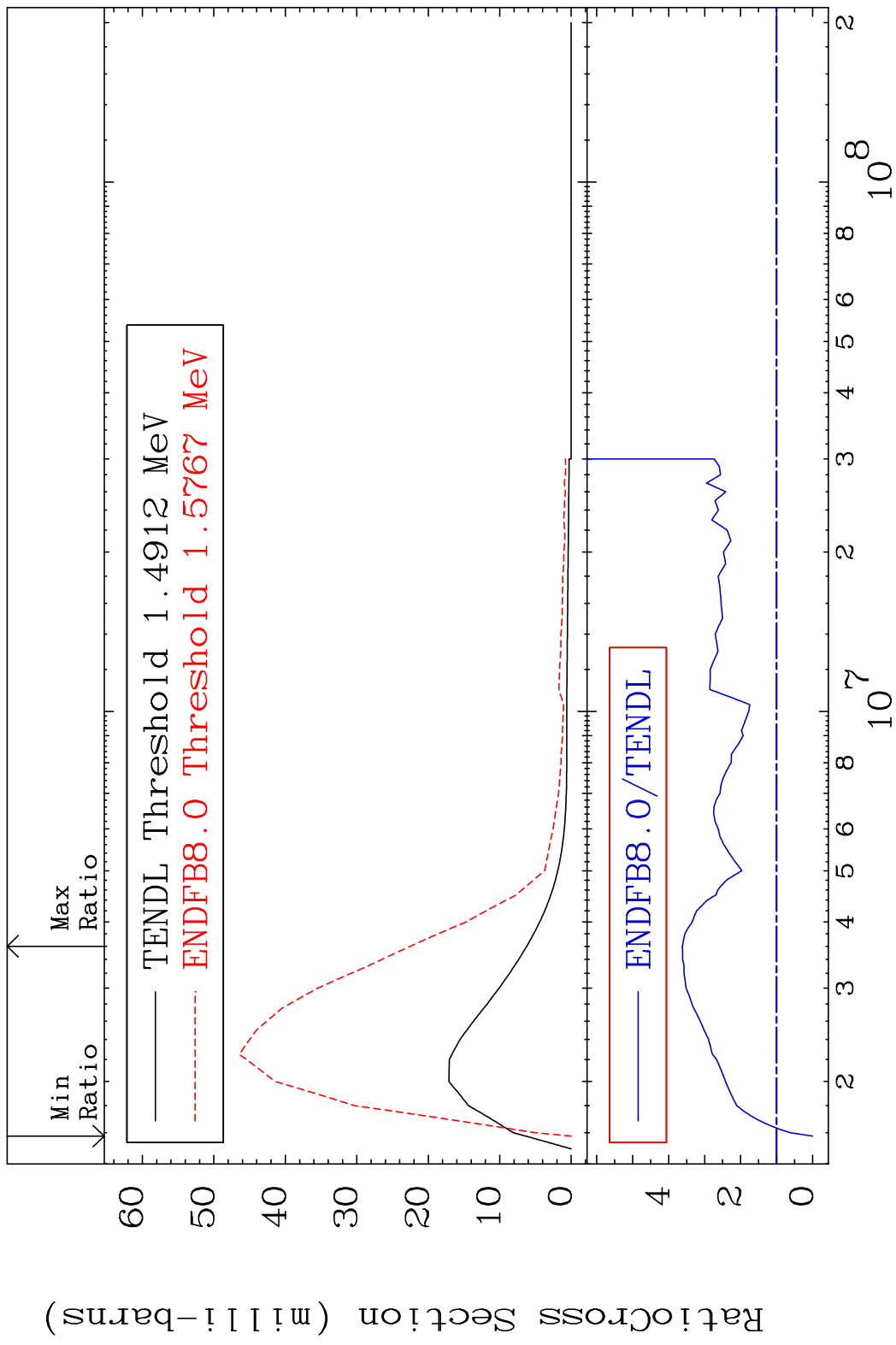
MAT 8125 MT= 70 (n, n') Level 81-Tl-203
 Cross Section -100.0 To -53.17%



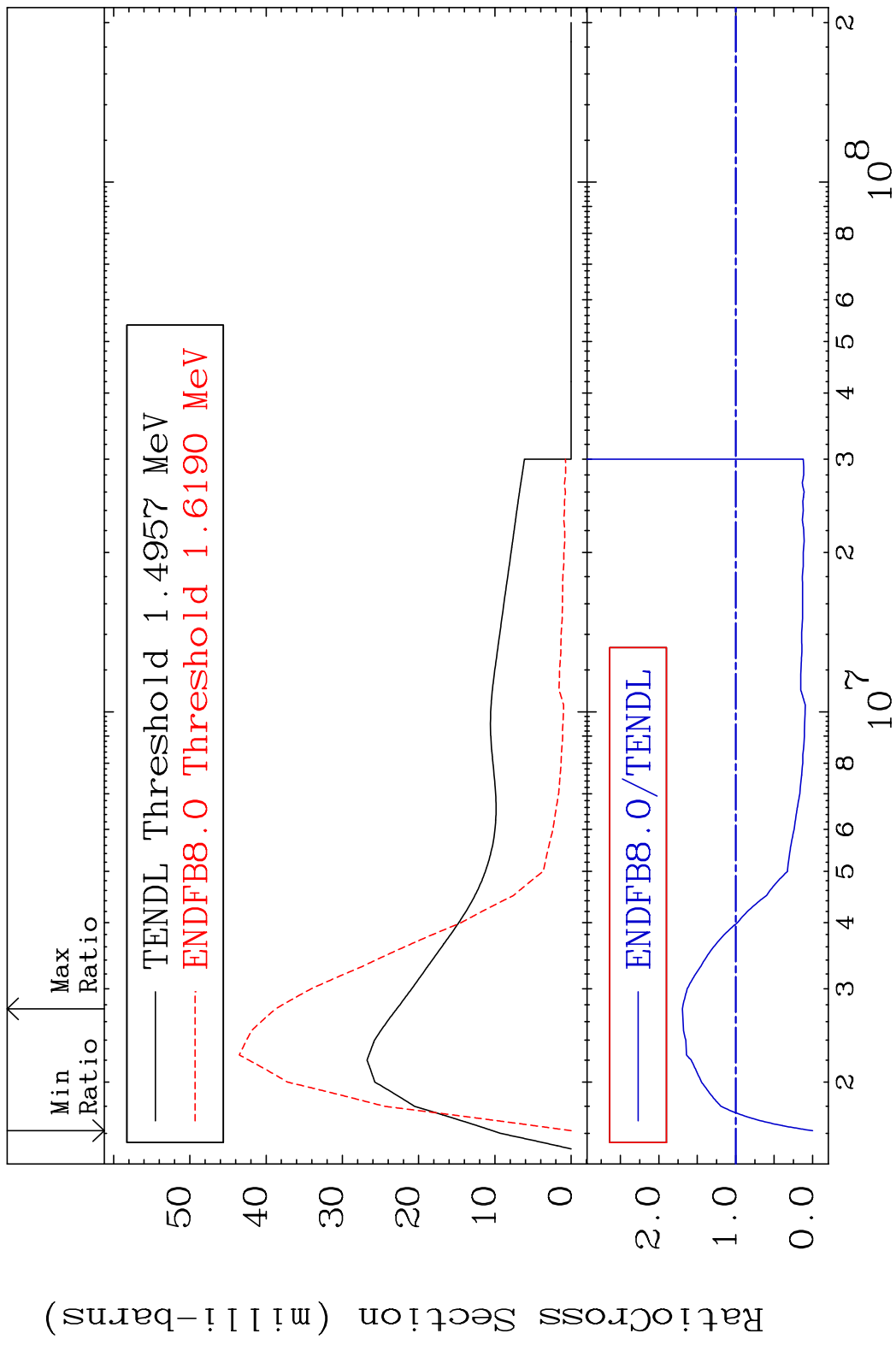
MAT 8125 MT= 71 (n, n') Level 81-Tl-203
 Cross Section -100.0 To 296.7 %



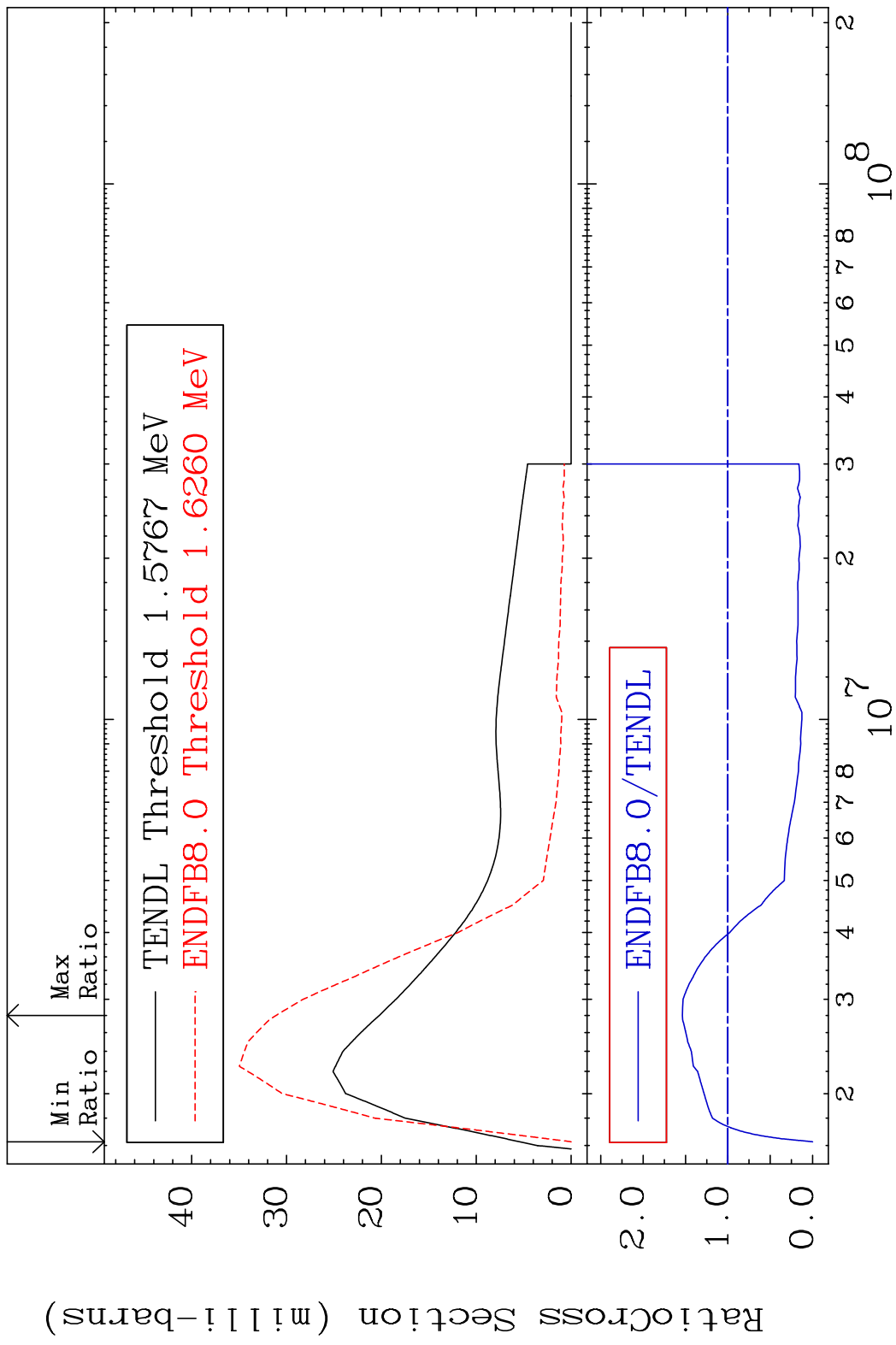
MAT 8125 MT= 72 (n, n') Level 81-Tl-203
 Cross Section -100.0 To 261.9 %



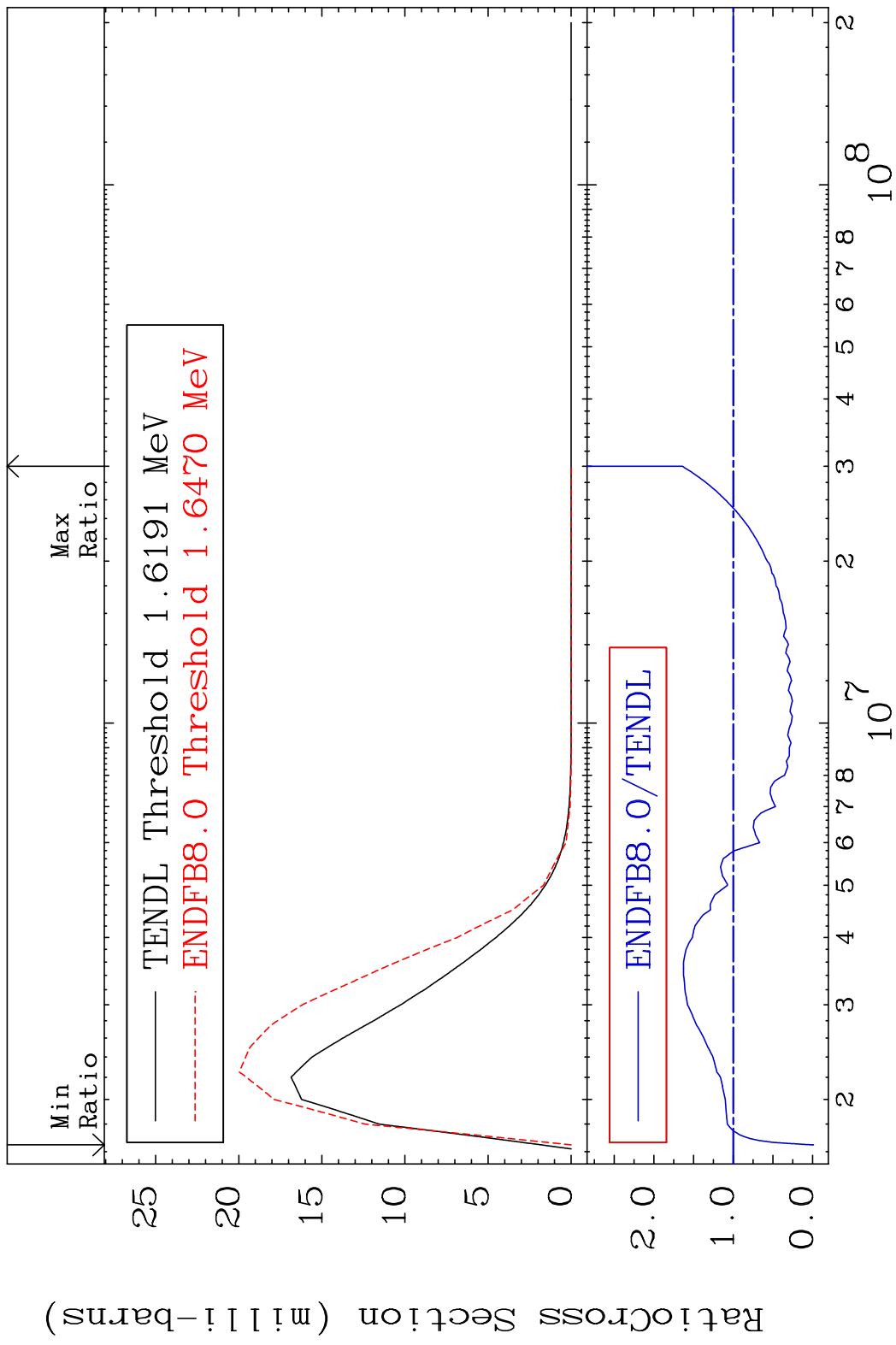
MAT 8125 MT= 73 (n, n') Level 81-Tl-203
 Cross Section -100.0 To 69.44 %



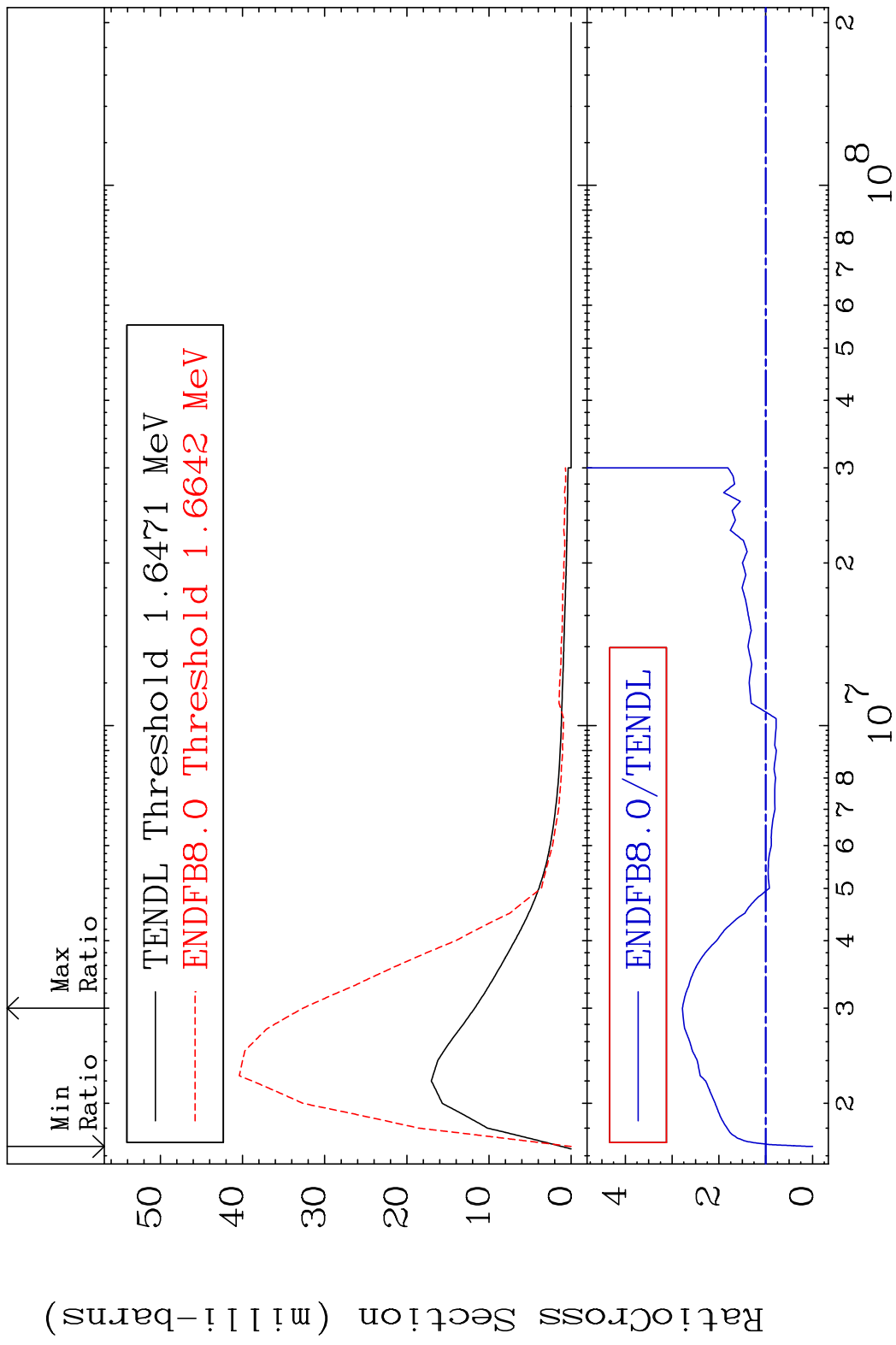
MAT 8125 MT= 74 (n, n') Level 81-Tl-203
 Cross Section -100.0 To 53.74 %



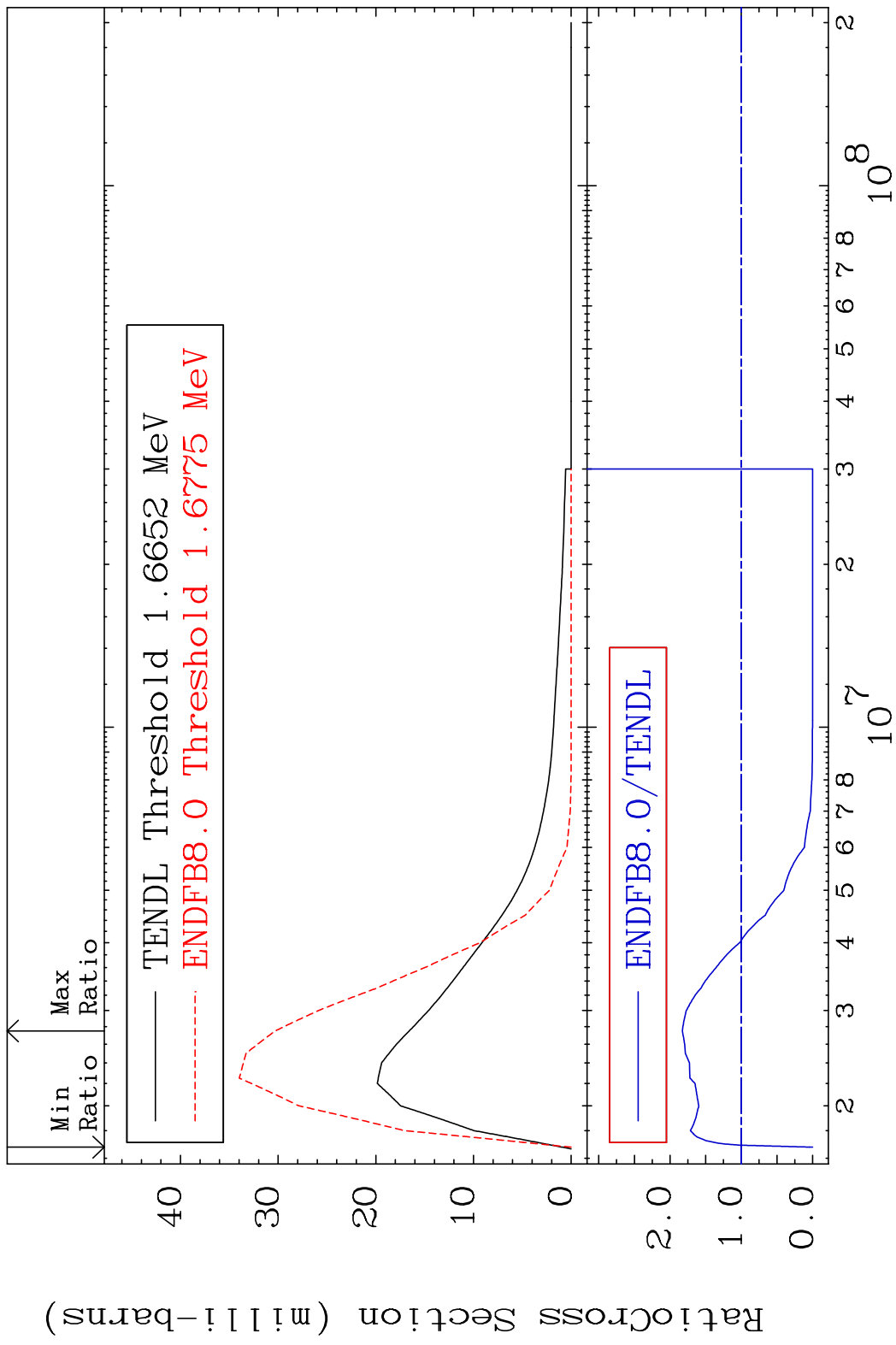
MAT 8125 MT= 75 (n, n') Level 81-Tl-203
 Cross Section -100.0 To 64.17 %



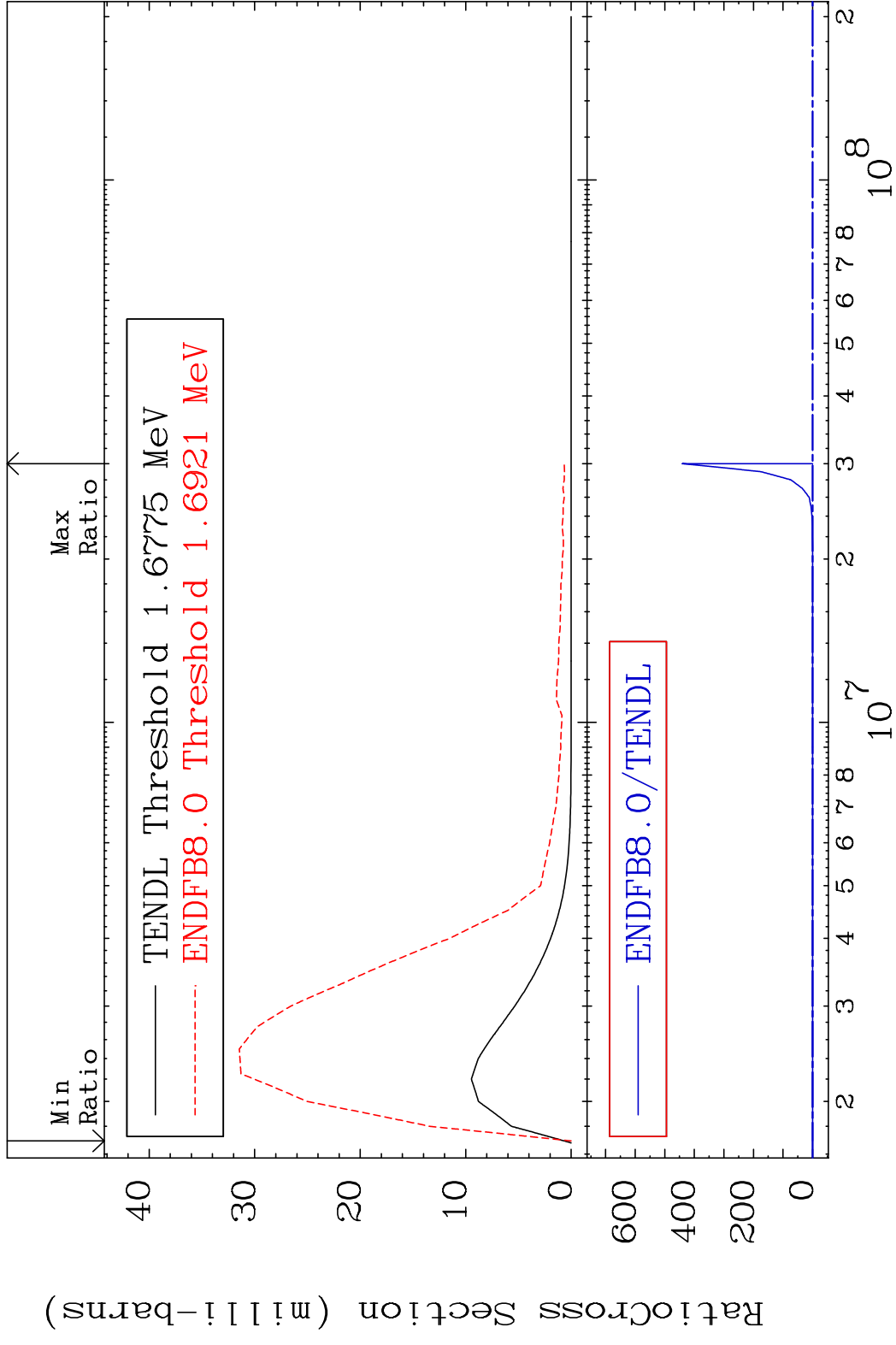
MAT 8125 MT= 76 (n, n') Level 81-Tl-203
 Cross Section -100.0 To 178.1 %



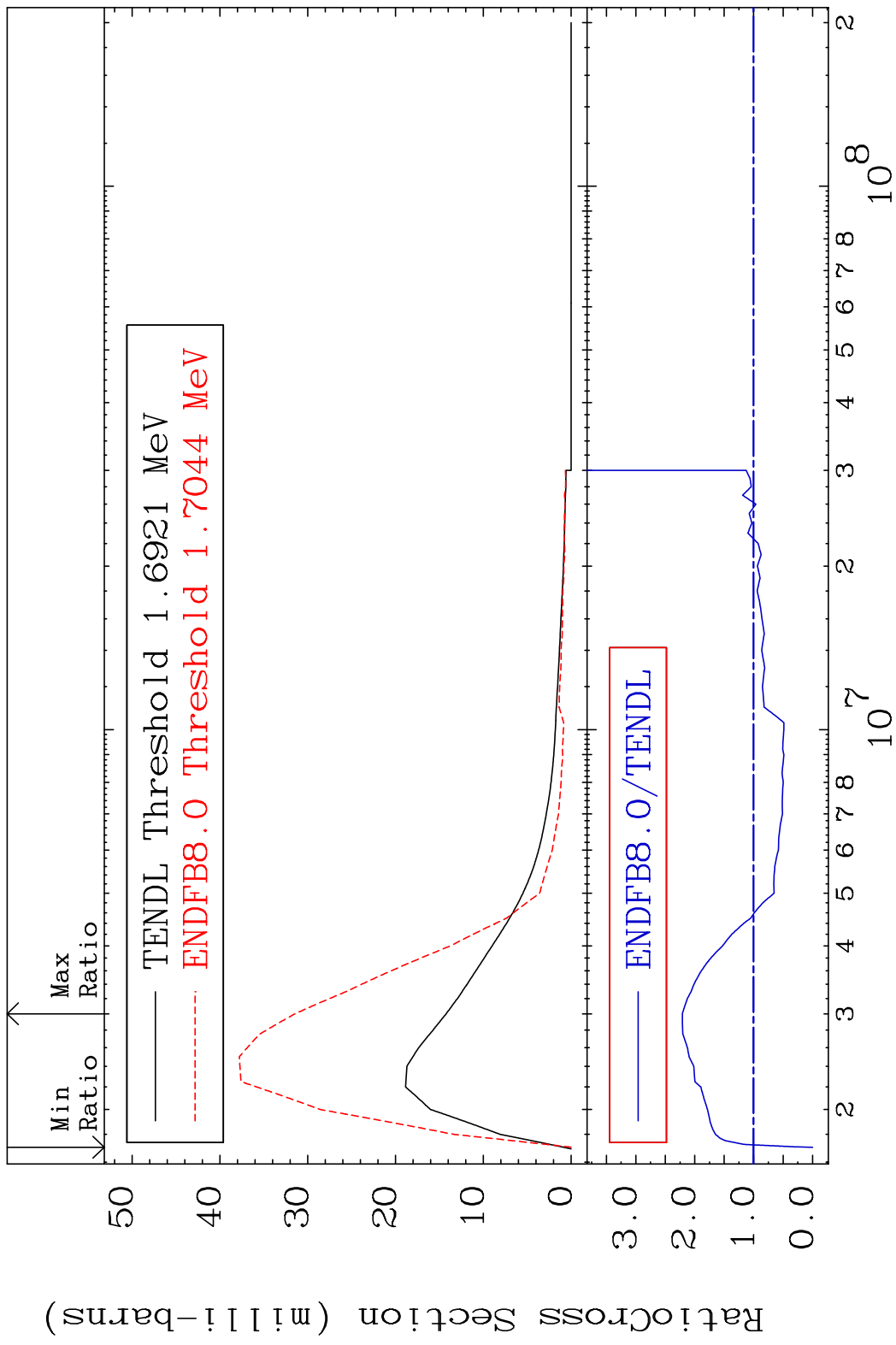
MAT 8125 MT= 77 (n,n') Level 81-Tl-203
 Cross Section -100.0 To 82.71 %



MAT 8125 MT= 78 (n, n') Level 81-Tl-203
 Cross Section -100.0 To 9999. %



MAT 8125 MT= 79 (n, n') Level 81-Tl-203
 Cross Section -100.0 To 121.0 %

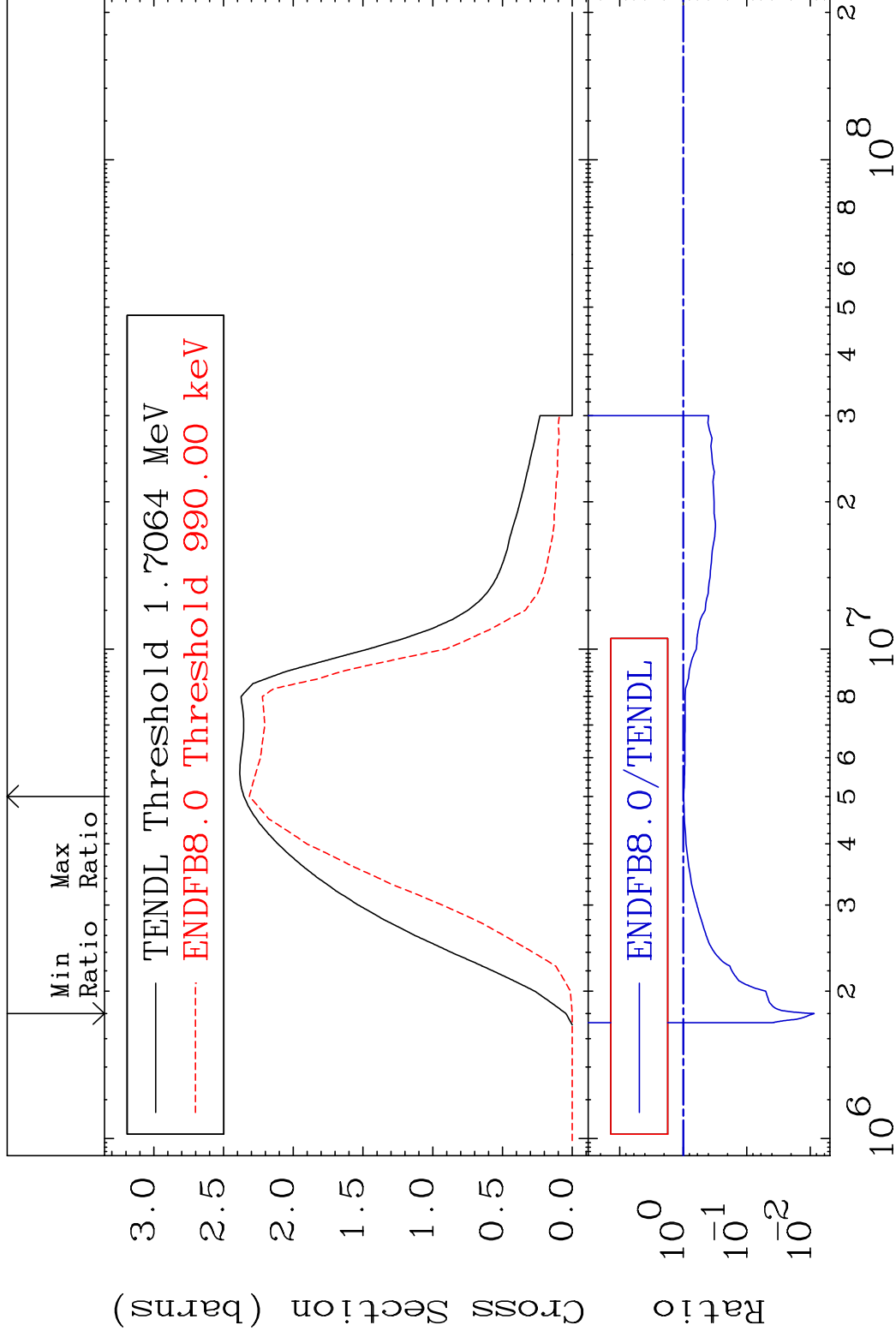


MAT 8125

(n, n') Continuum

81-Tl-203

Cross Section -99.13 To -1.649%



37

Incident Energy (eV)

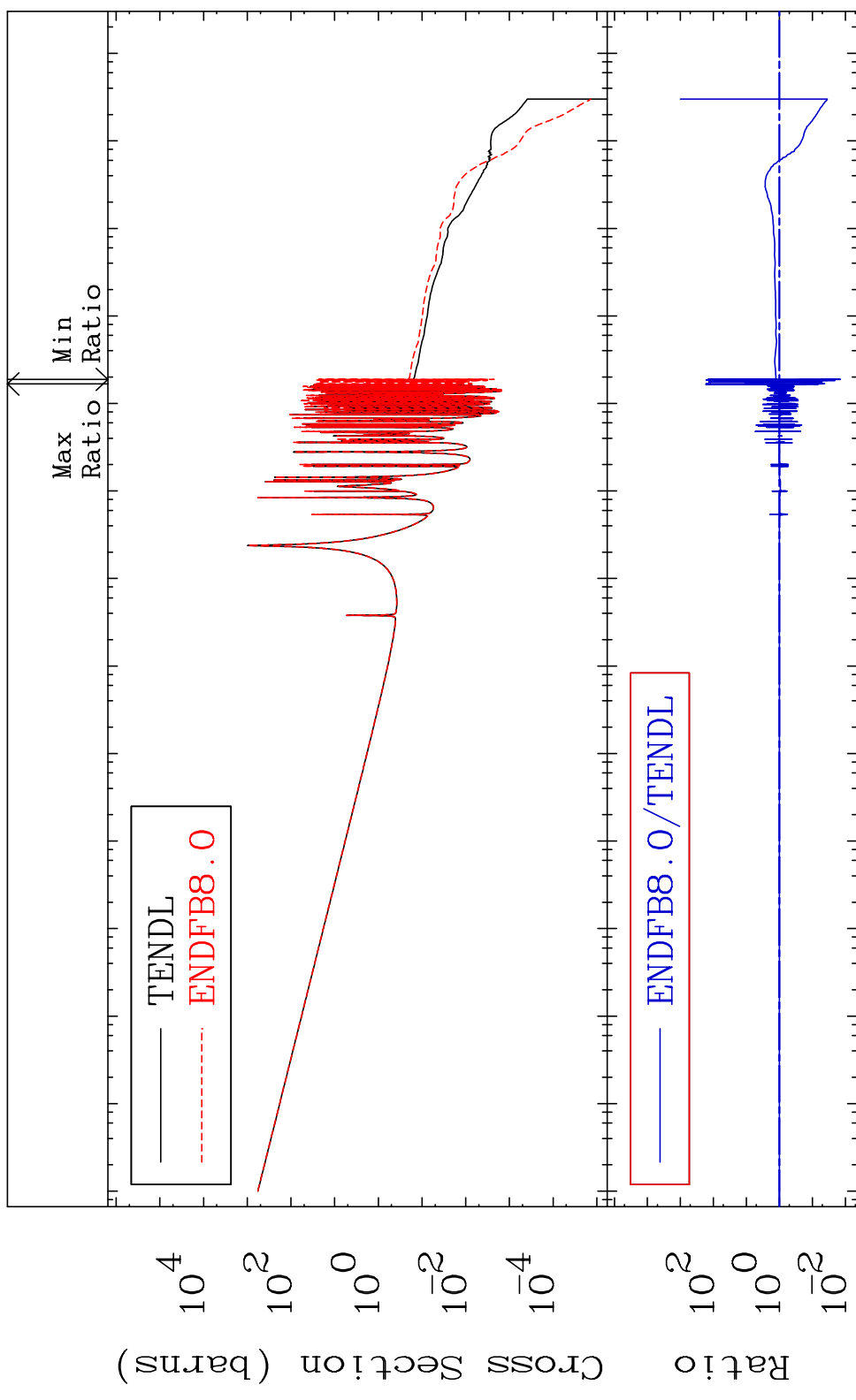
81-Tl-203

MAT 8125

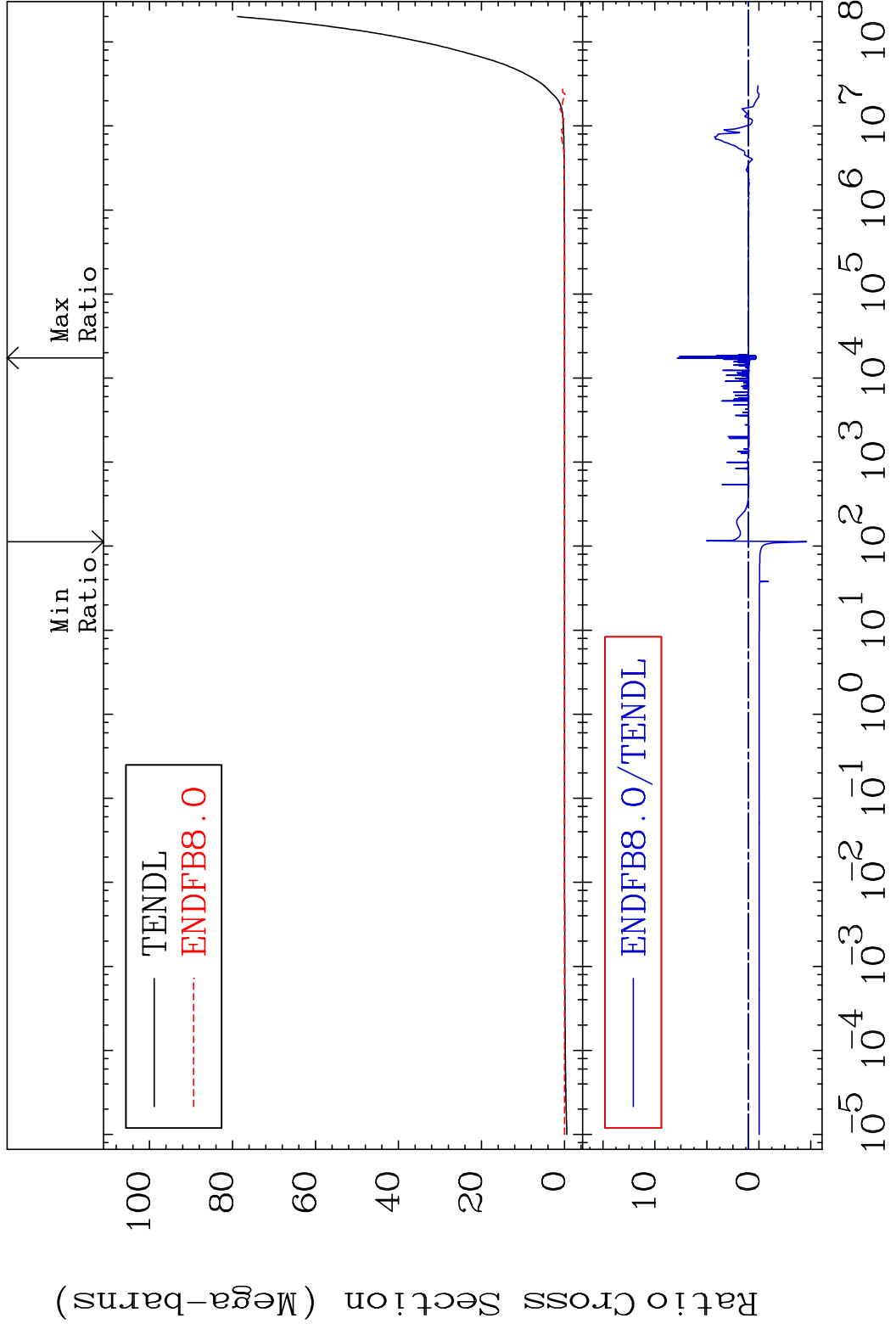
(n, γ)

81-T1-203

Cross Section -98.59 To 9999. %



MAT 8125 Kerma total (eV-barns) 81-Tl-203
 Cross Section -557.6 To 685.7 %

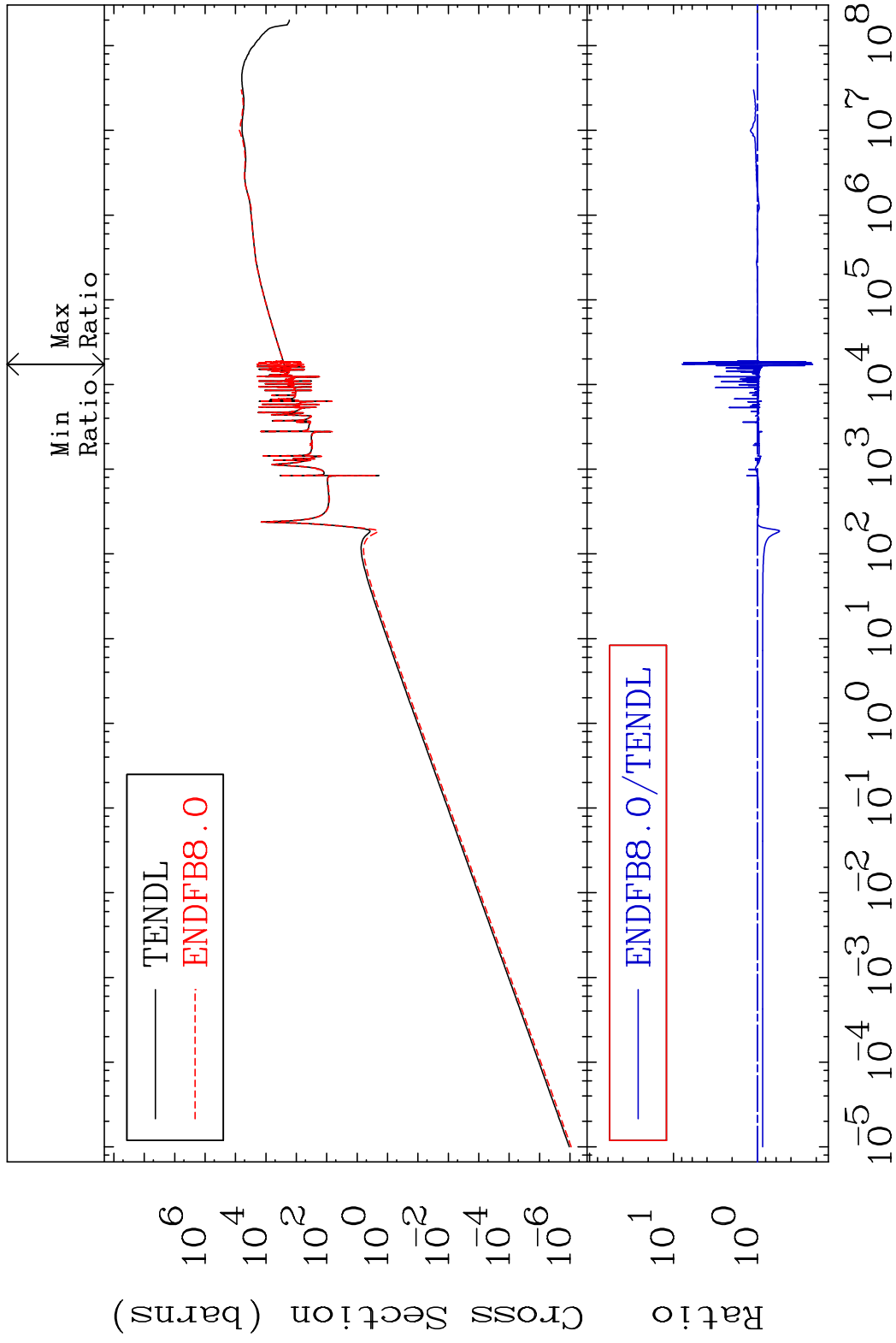


MAT 8125

Kerma elastic

81-Tl-203

Cross Section -77.89 To 684.5 %

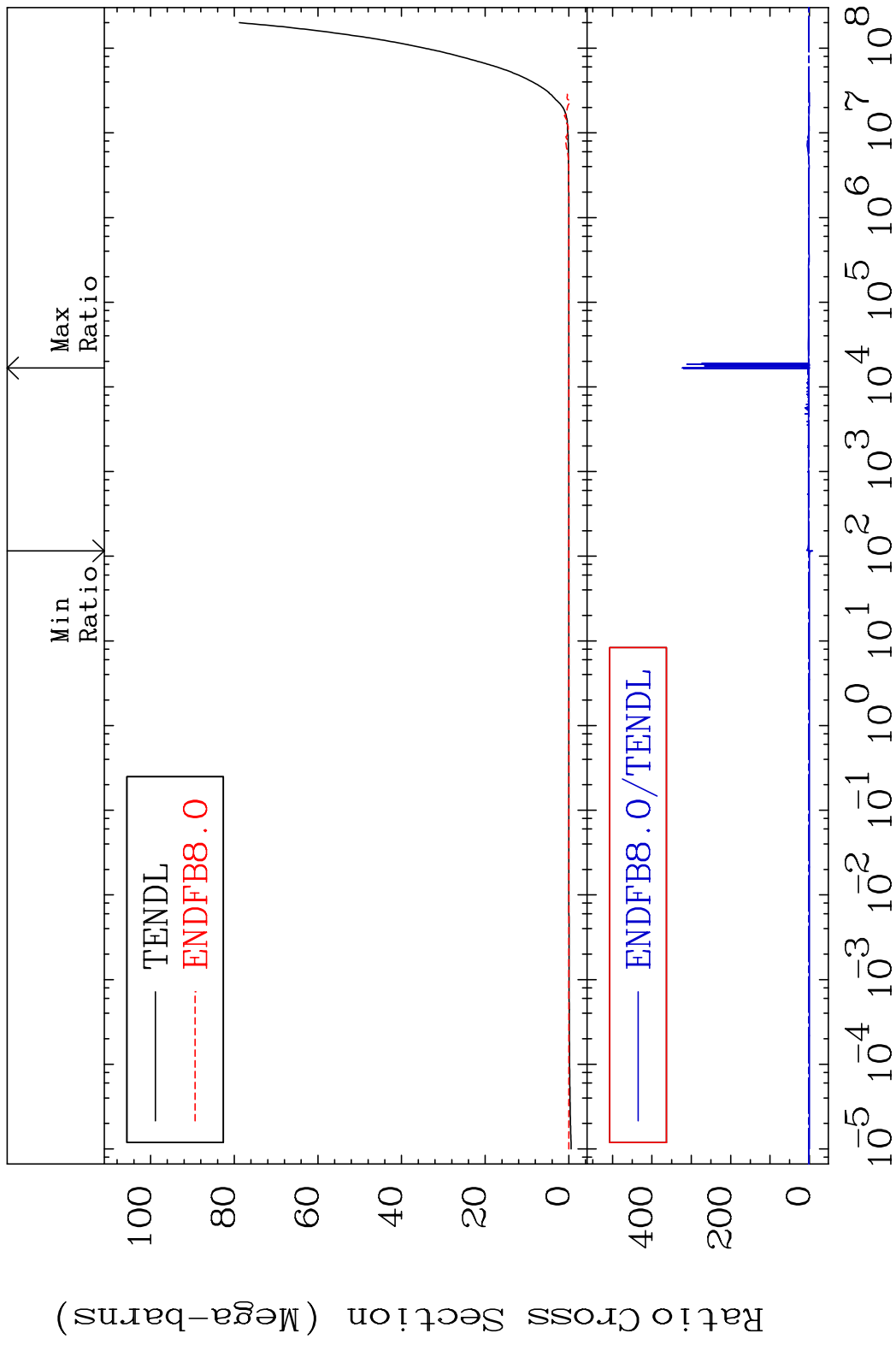


40

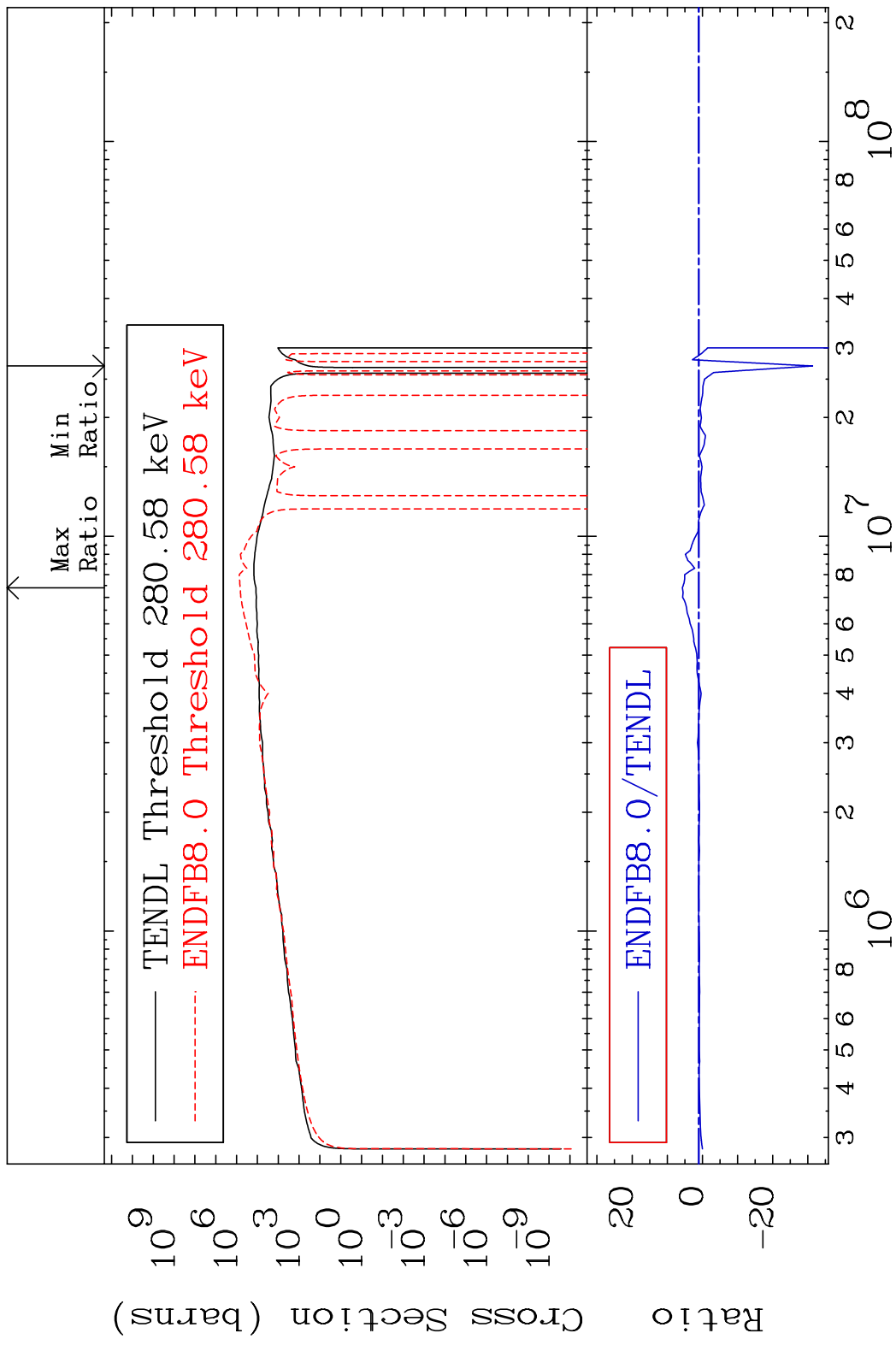
Incident Energy (eV)

81-Tl-203

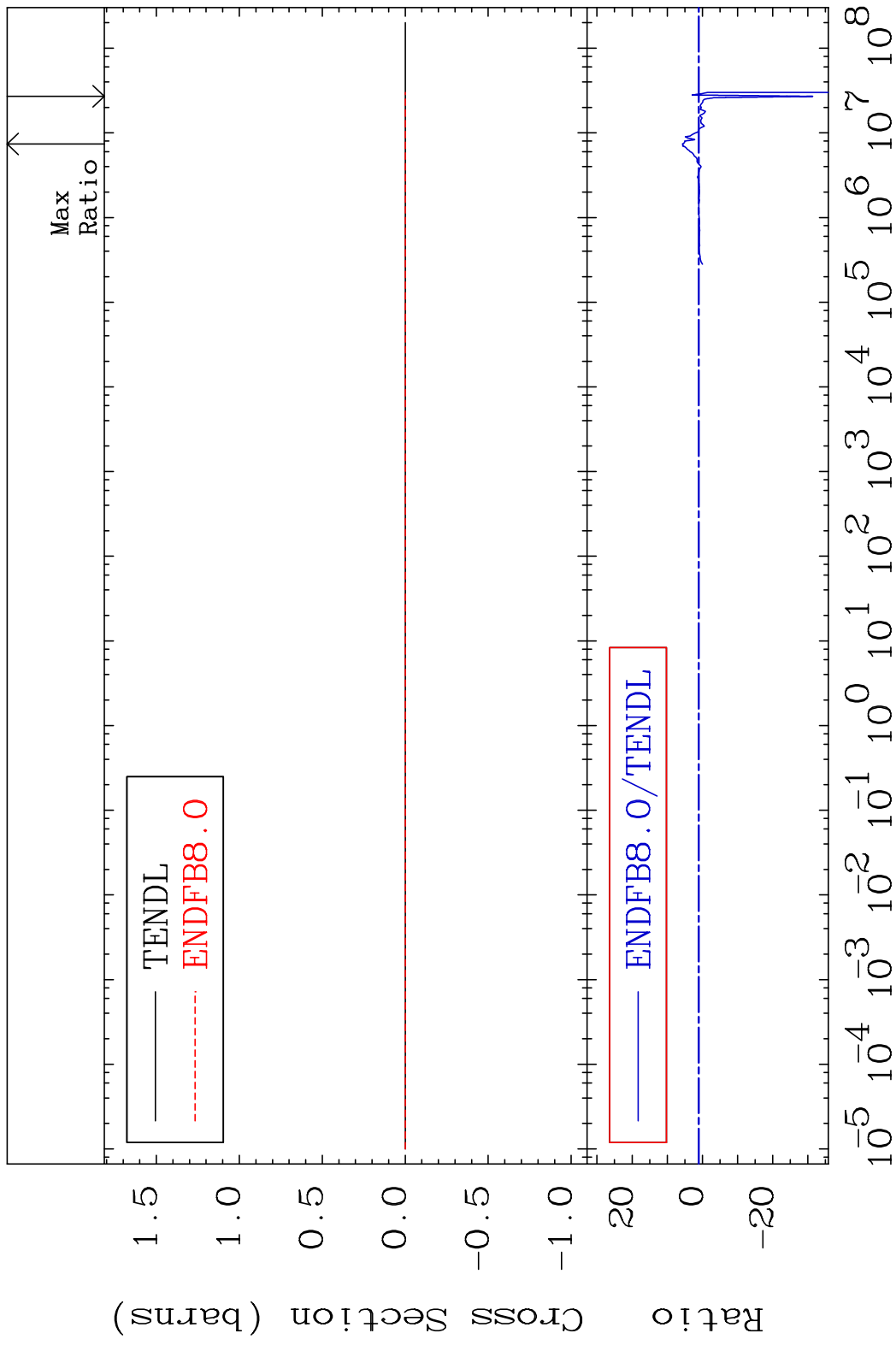
MAT 8125 Kerma non-elastic (all but mt2) 81-T1-203
 Cross Section -912.5 To 9999. %



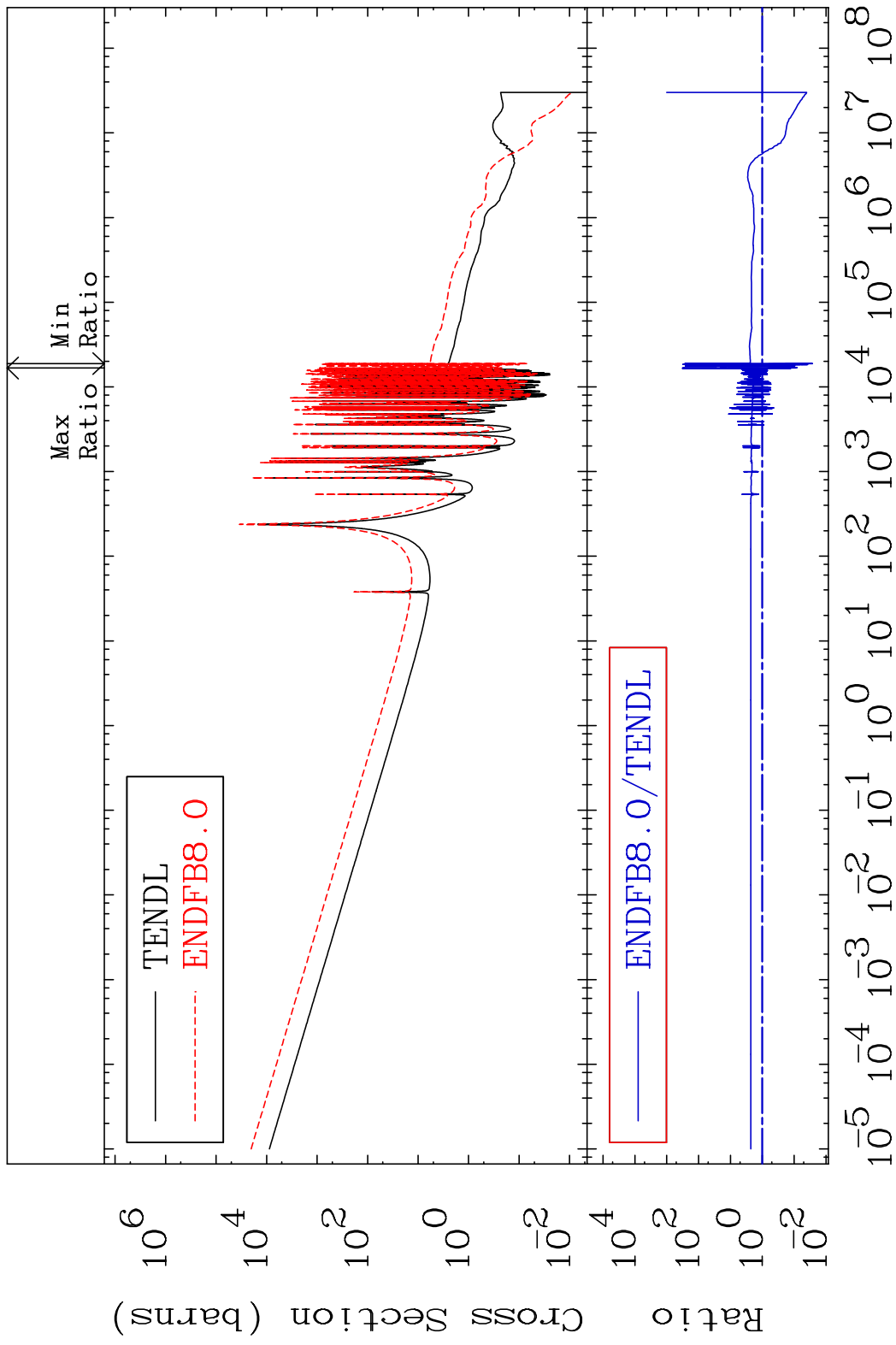
MAT 8125 Kerma inelastic (mt51-91) 81-Tl-203
 Cross Section -3235. To 470.1 %



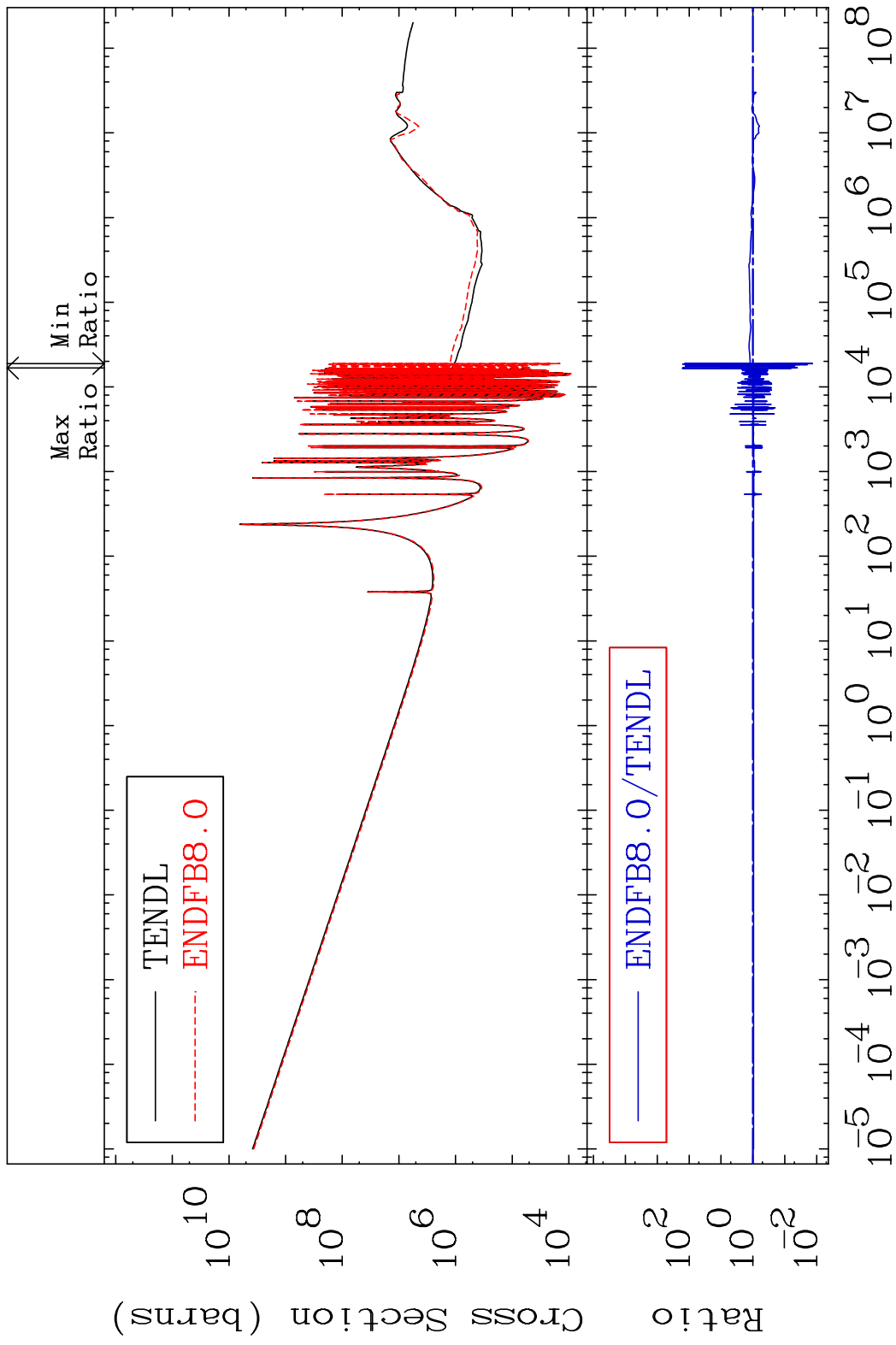
MAT 8125 Kerma fission (mt18 or mt19-20-21-38) 81-Tl-203
 Cross Section -3235. To 470.1 %



MAT 8125 Kerma capture (mt102) 81-Tl-203
 Cross Section -97.36 To 9999. %

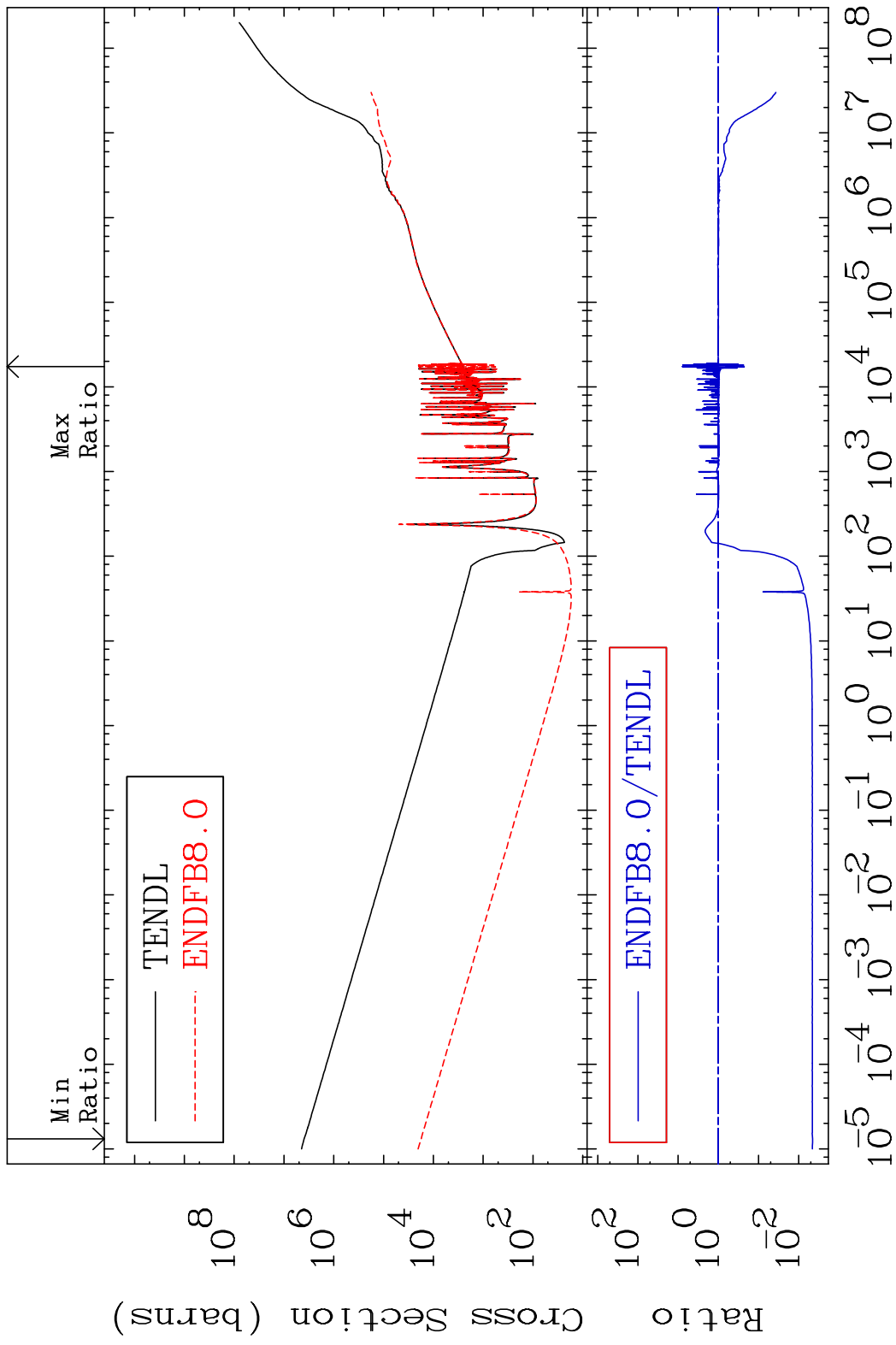


MAT 8125 Total photon (eV-barns) 81-T1-203
Cross Section -98.65 To 9999. %



45 Incident Energy (eV) 81-T1-203

MAT 8125 Total kinematic kerma (high limit) 81-T1-203
 Cross Section -99.55 To 685.7 %

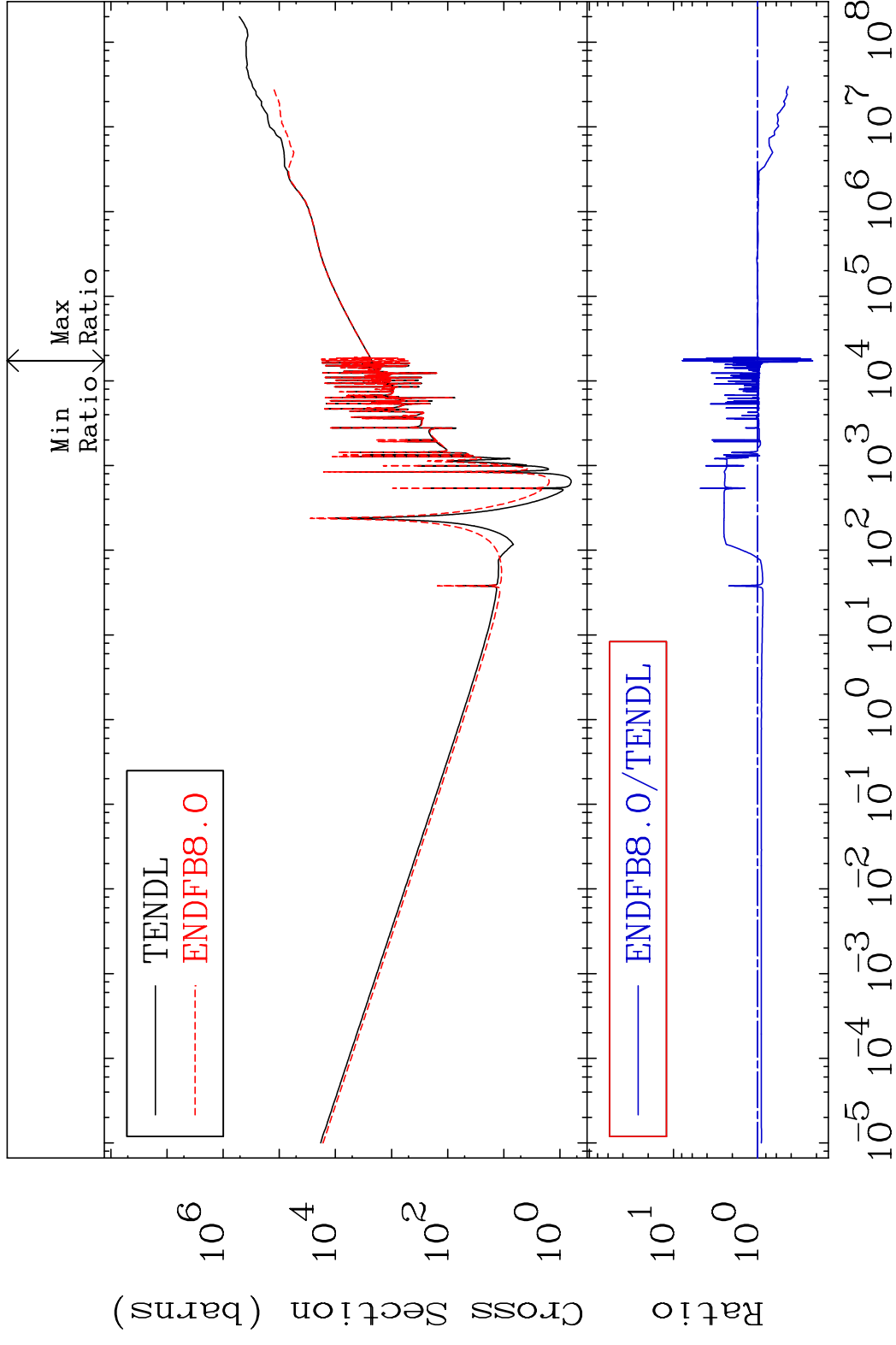


MAT 8125

Dpa total (eV-barns)

81-T1-203

Cross Section -77.74 To 685.5 %



47

Incident Energy (eV)

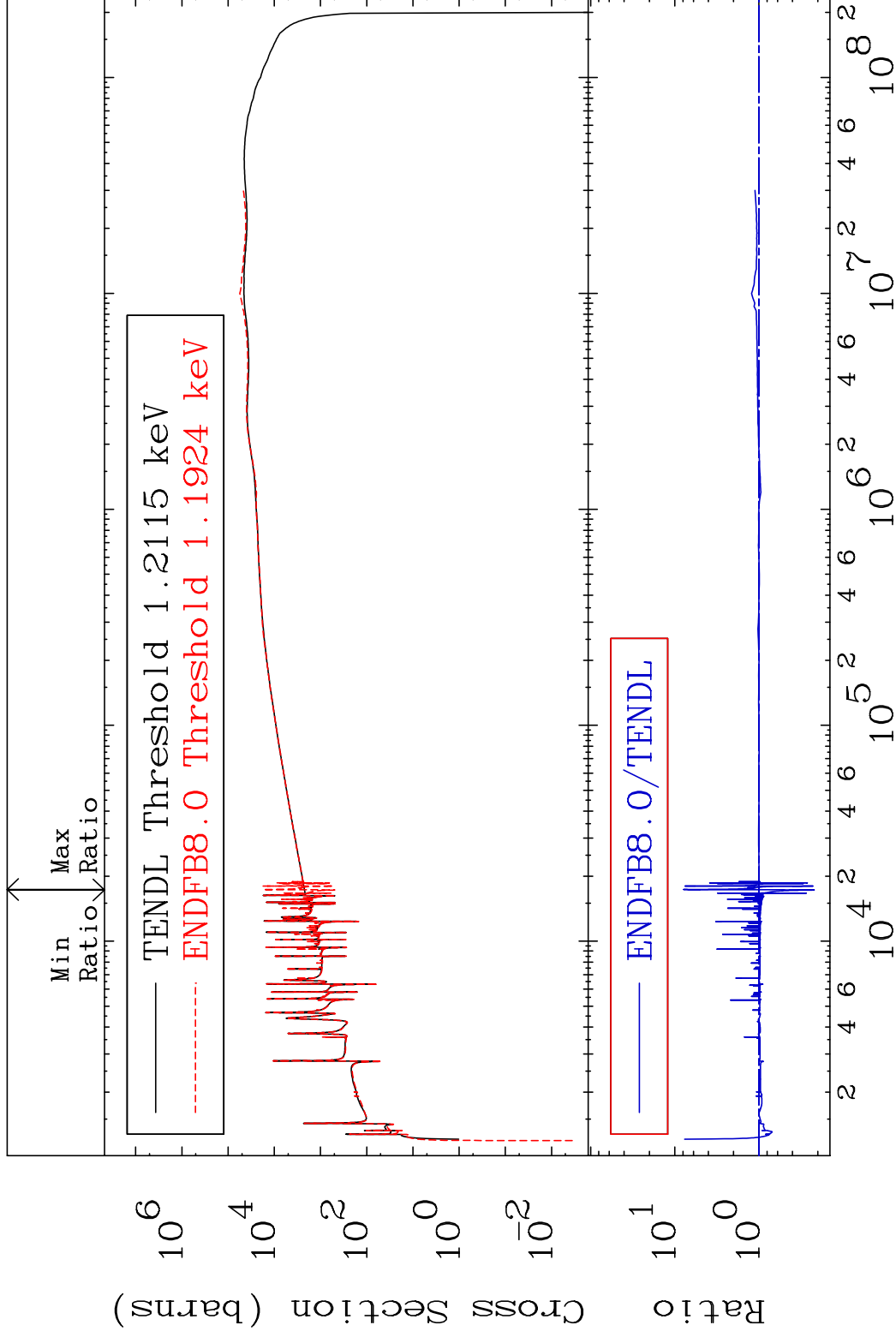
81-T1-203

MAT 8125

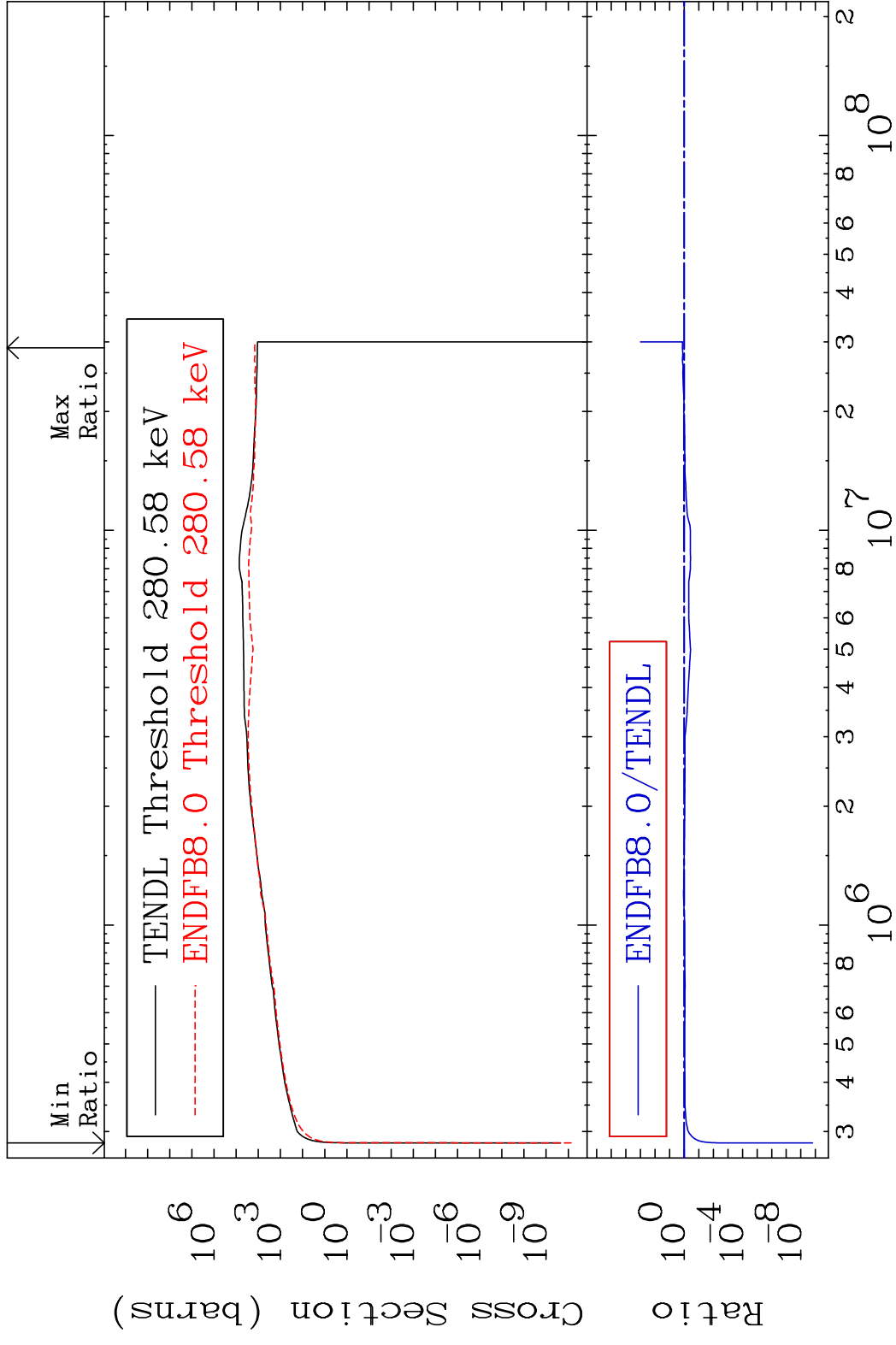
Dpa elastic (mt2)

81-Tl-203

Cross Section -77.89 To 684.4 %



MAT 8125 Dpa inelastic (mt51-91) 81-Tl-203
 Cross Section -100.0 To 34.09 %



MAT 8125 Dpa disappearance (mt102 -120) 81-T1-203
 Cross Section -100.0 To 9999. %

