

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](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

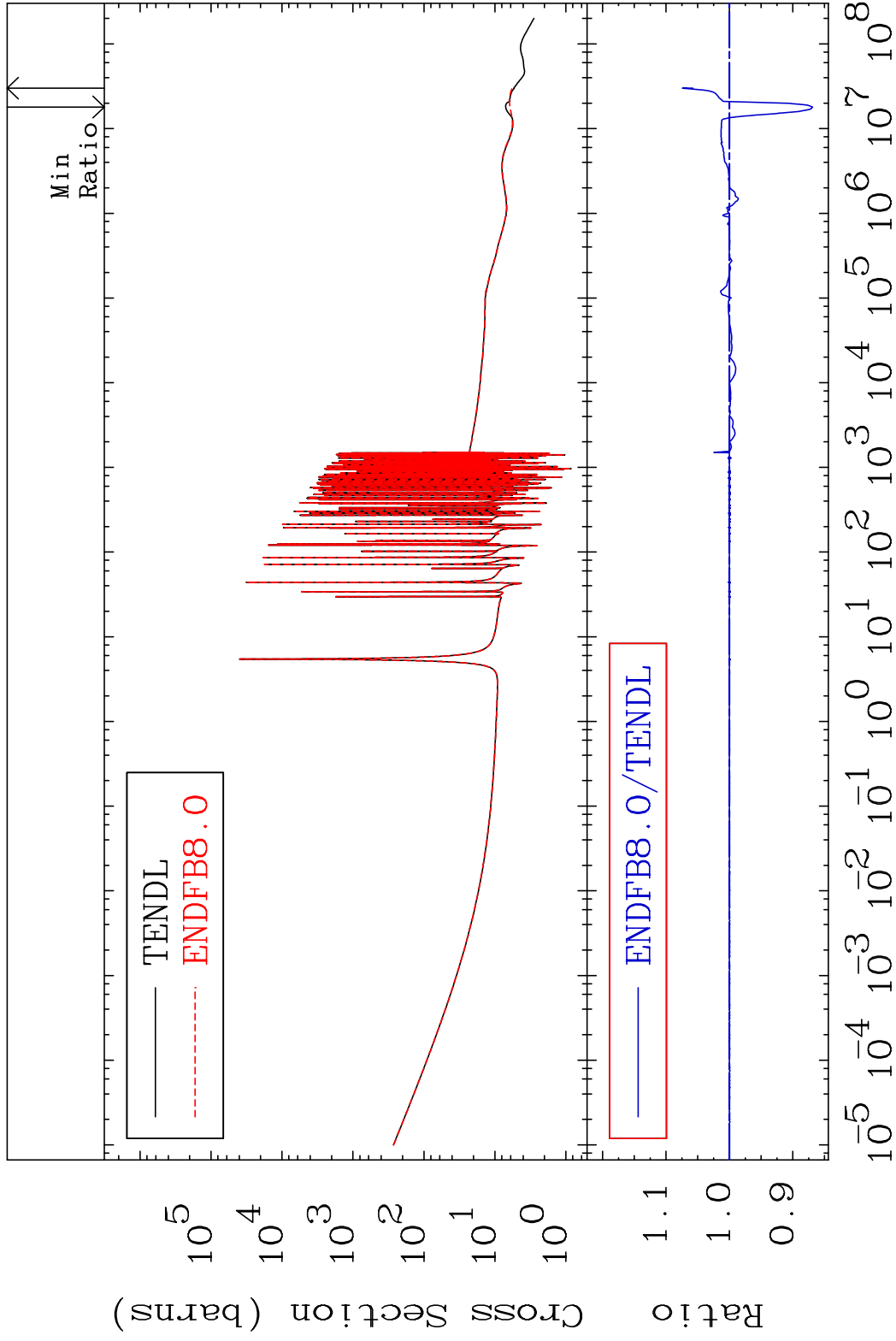
Press Mouse Button to Start

MAT 9231

Total

92-U -236

Cross Section -13.11 To 7.432 %



1

Incident Energy (eV)

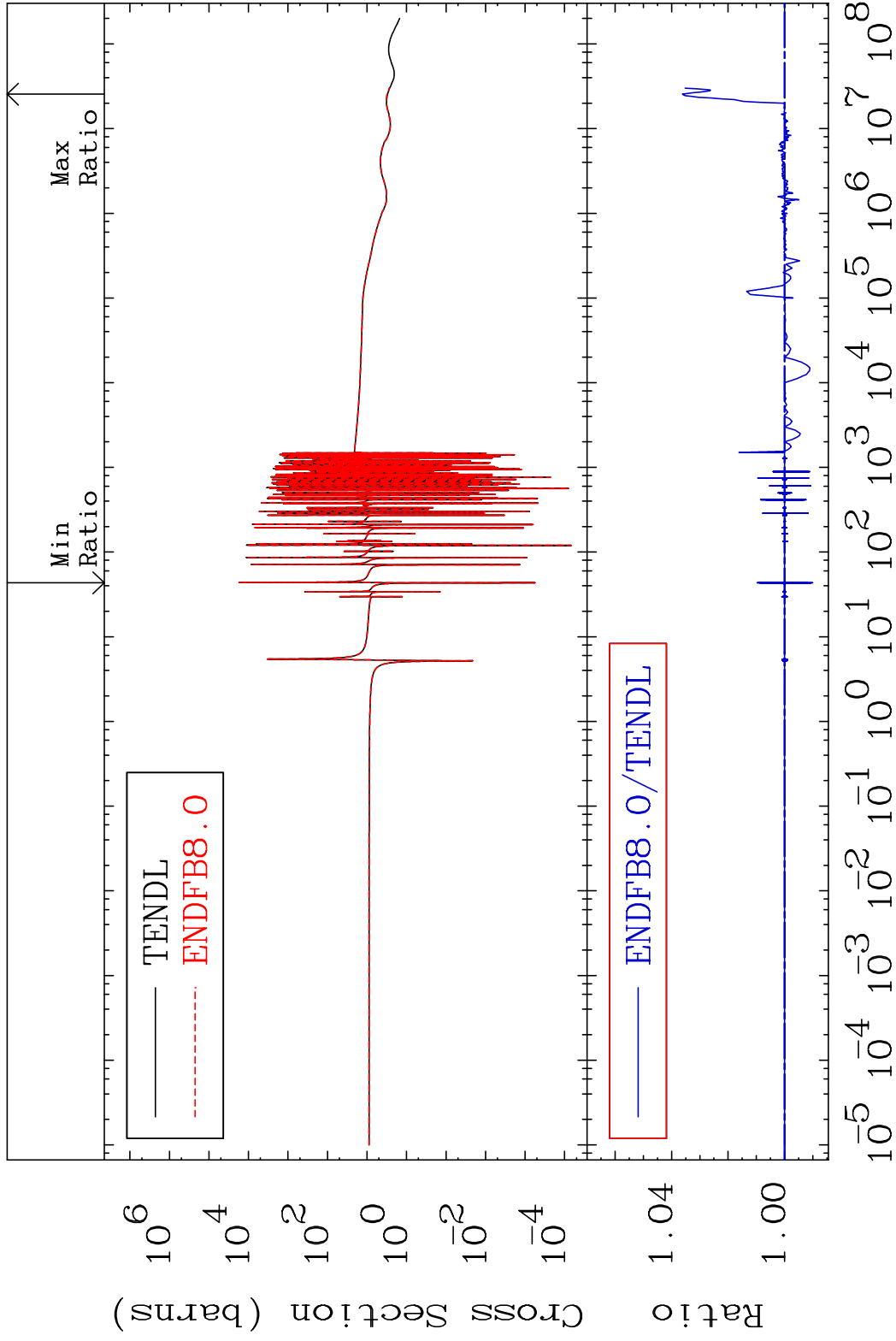
92-U -236

MAT 9231

Elastic

92-U -236

Cross Section -0.989 To 3.619 %



2

Incident Energy (eV)

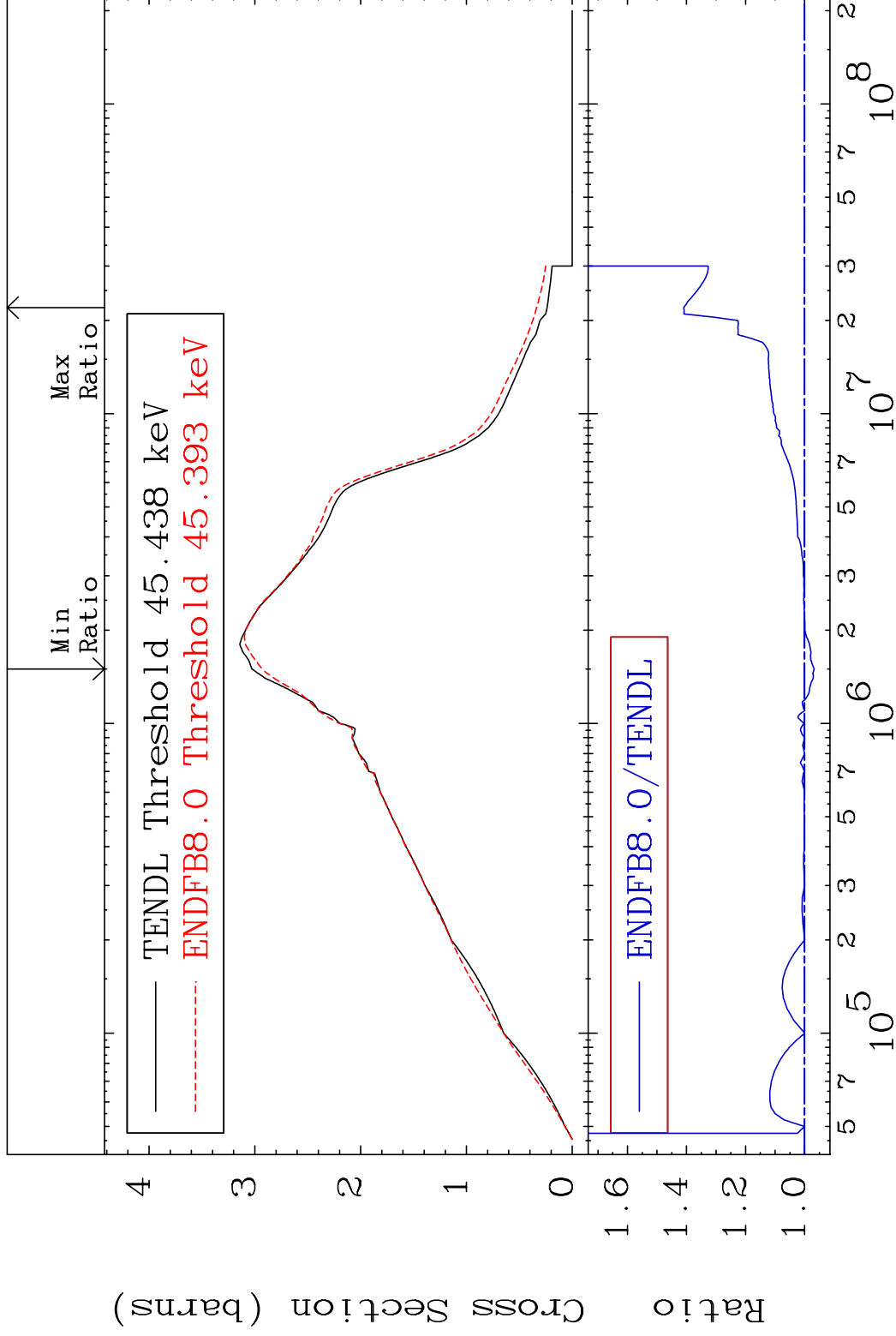
92-U -236

MAT 9231

Inelastic

92-U -236

Cross Section -3.212 To 40.98 %



3

Incident Energy (eV)

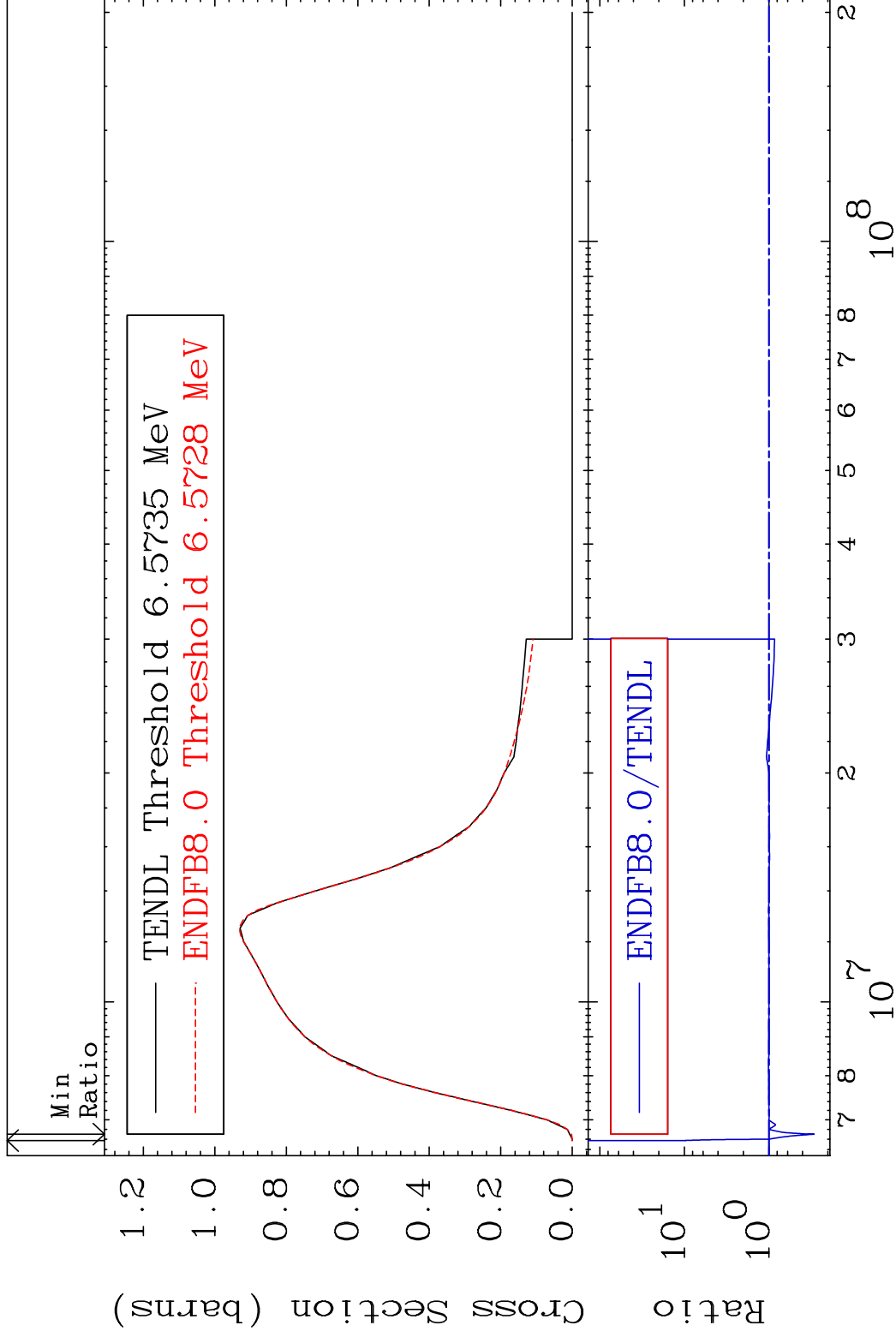
92-U -236

MAT 9231

(n,2n)

92-U -236

Cross Section -70.83 To 918.4 %

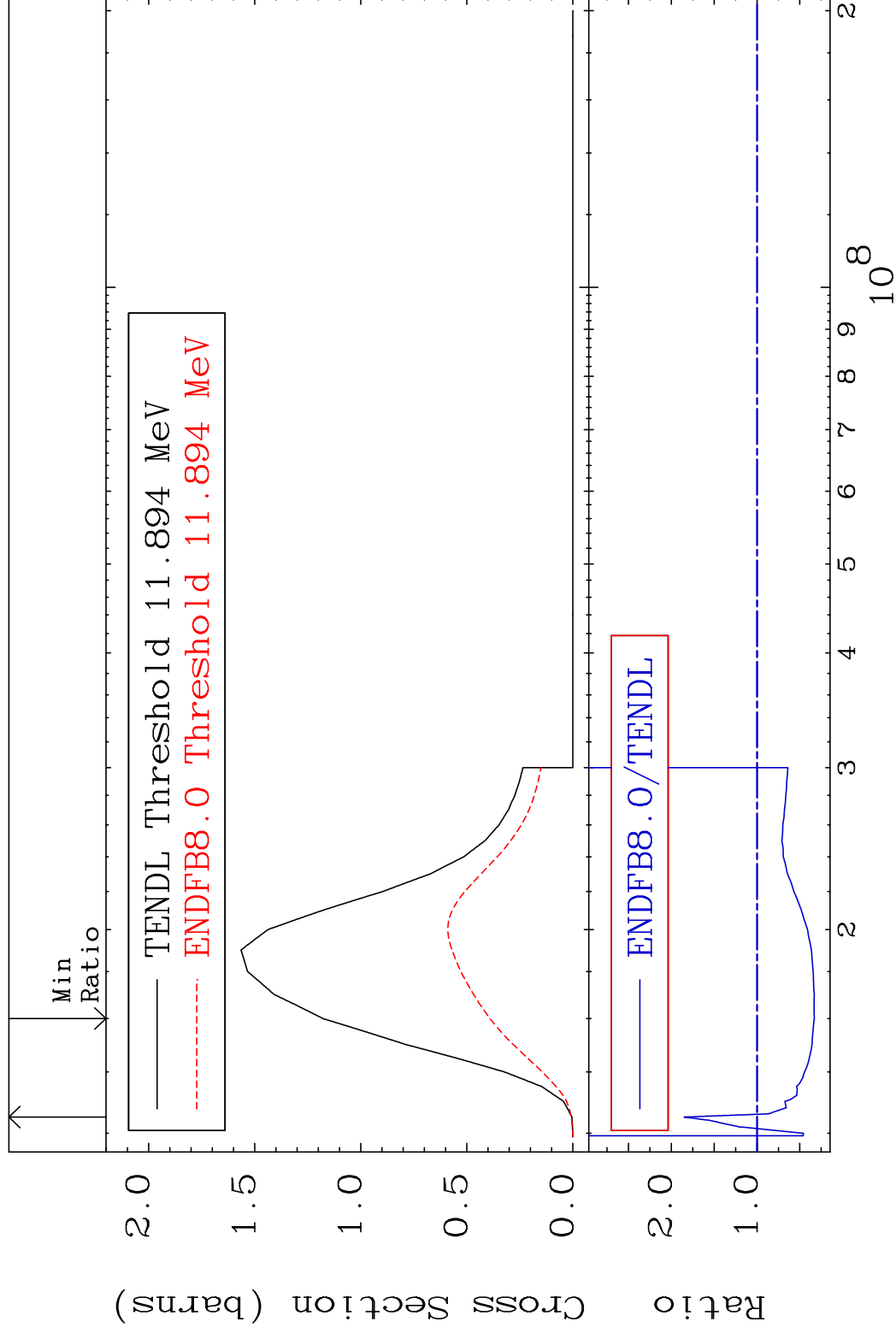


MAT 9231

(n,3n)

92-U -236

Cross Section -66.85 To 85.09 %



5

Incident Energy (eV)

92-U -236

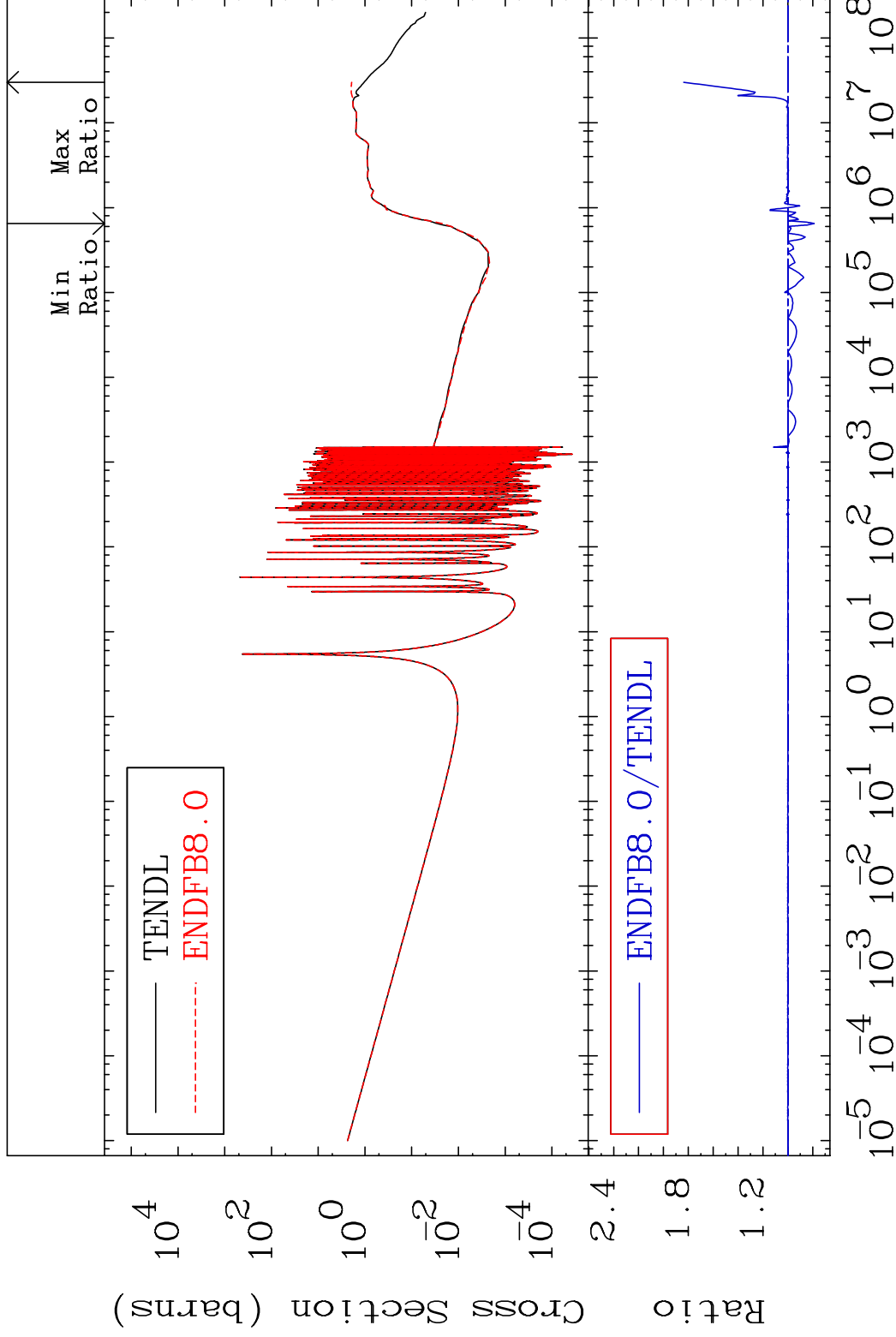
MAT 9231

Fission

92-U -236

Cross Section

-21.14 To 83.73 %

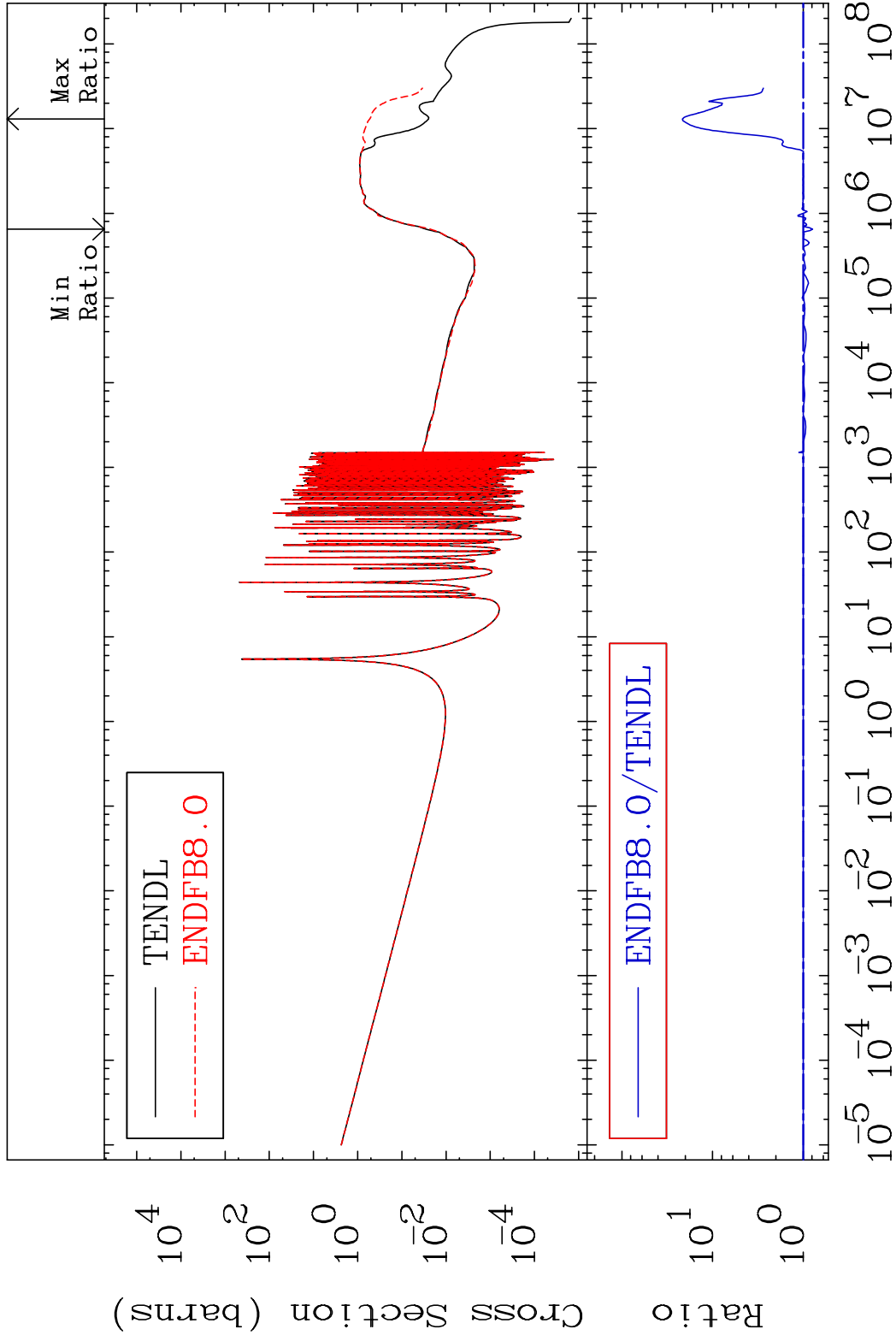


MAT 9231

(n,f) First Chance

92-U -236

Cross Section -21.14 To 2055. %



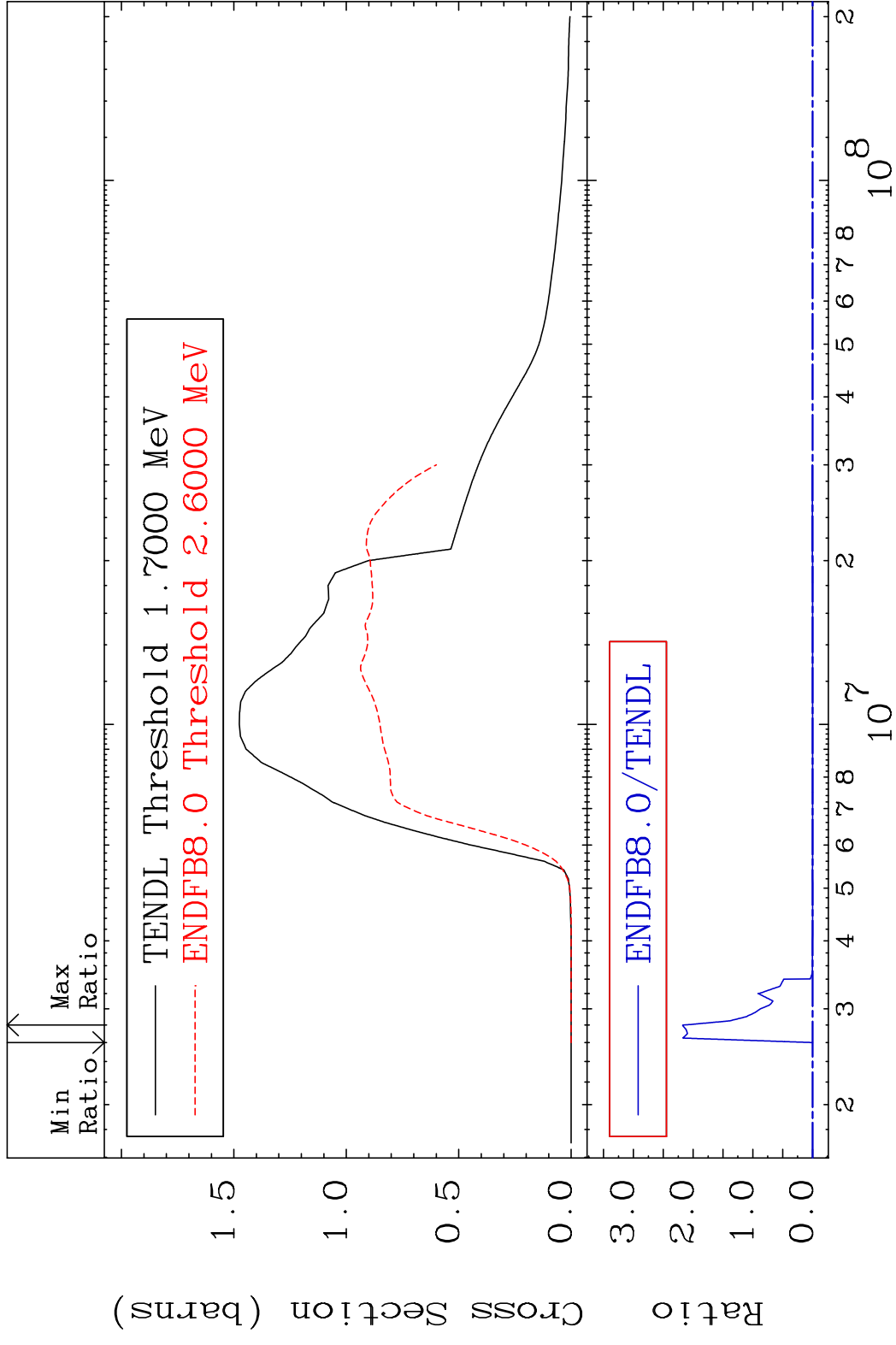
7

Incident Energy (eV)

92-U -236



MAT 9231 (n,nf) Second Chance 92-U -236  
 Cross Section -100.0 To 9999. %

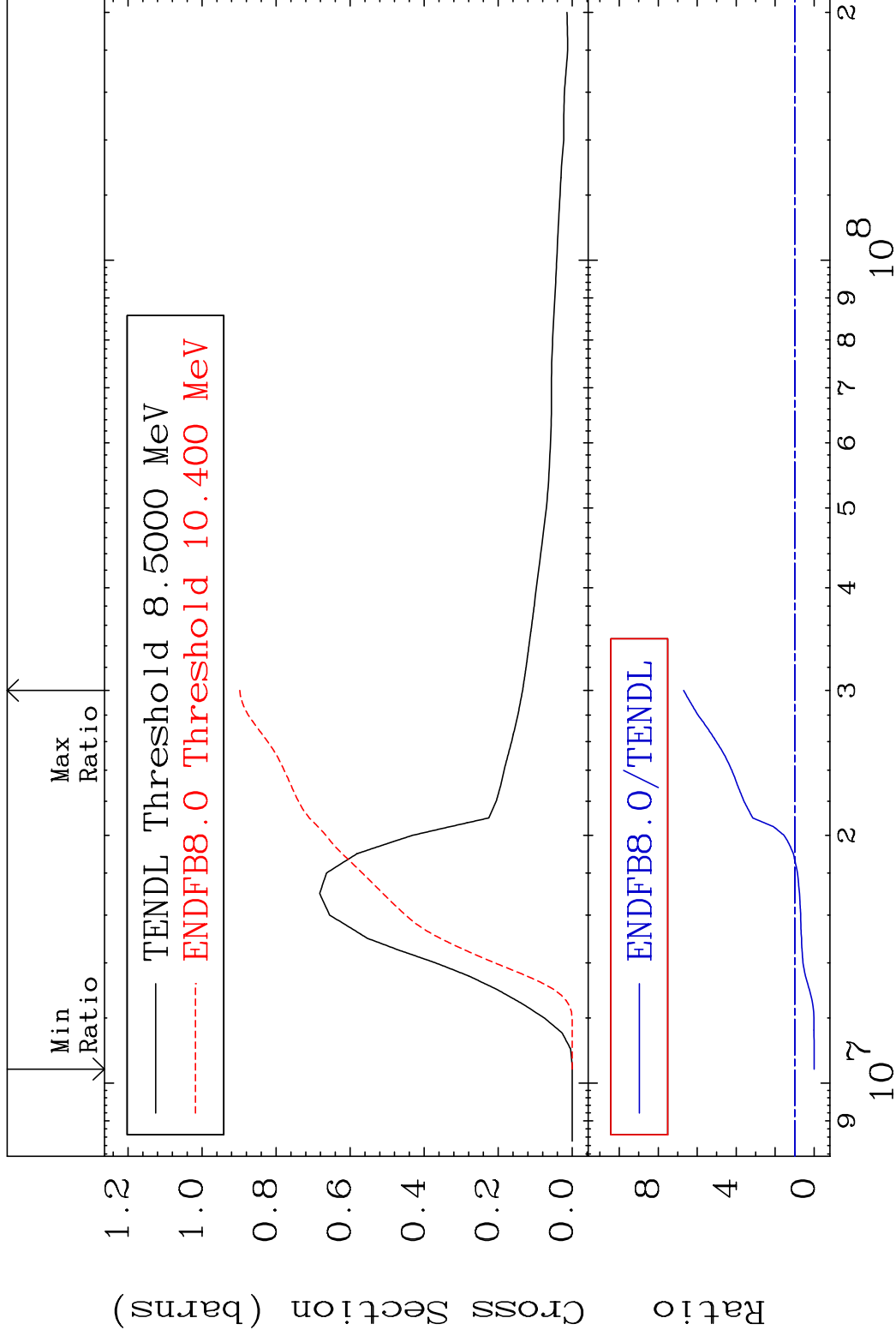


MAT 9231

(n,2nf) Third Chance

92-U -236

Cross Section -100.0 To 569.7 %



9

Incident Energy (eV)

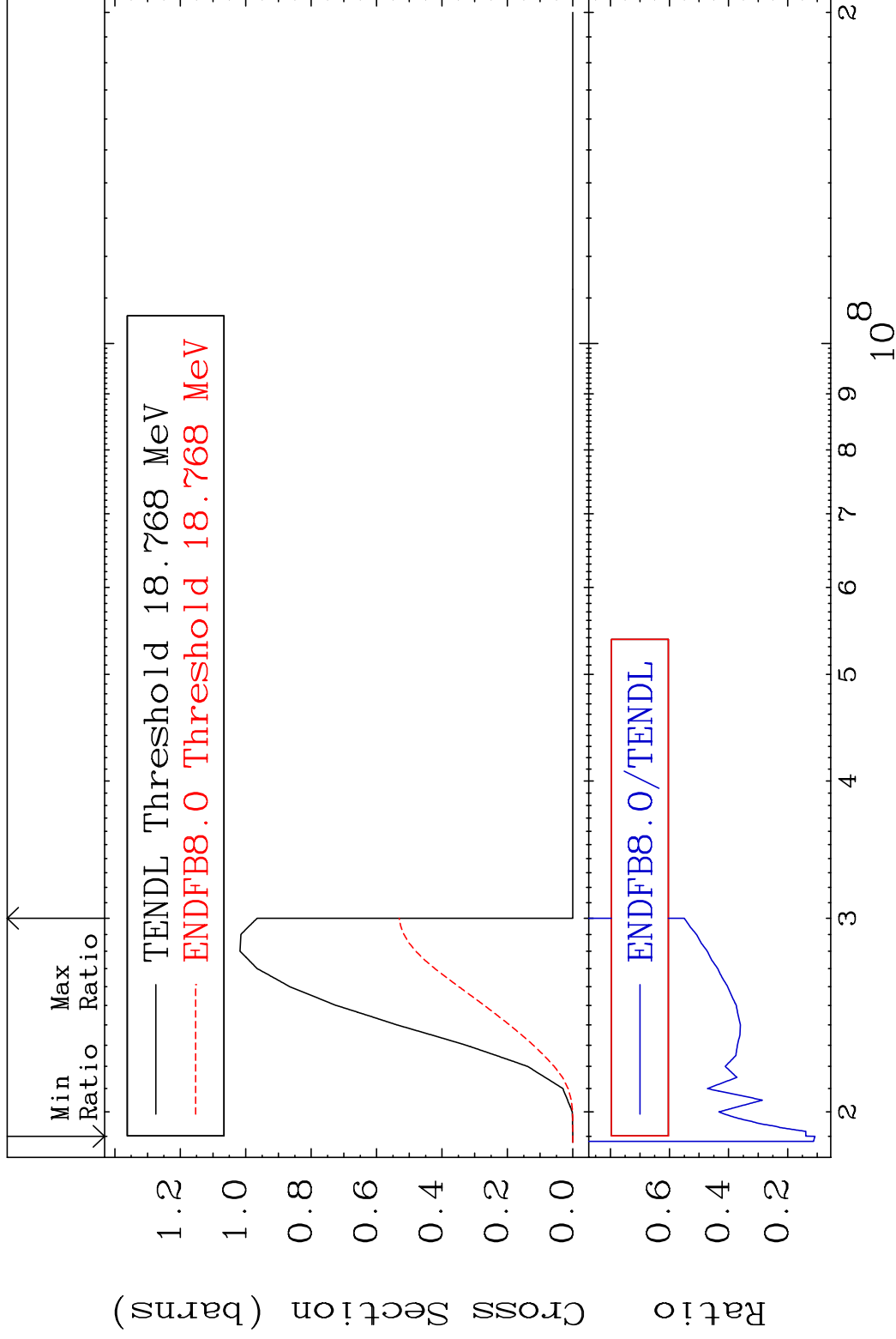
92-U -236

MAT 9231

(n,4n)

92-U -236

Cross Section -89.21 To -45.02%

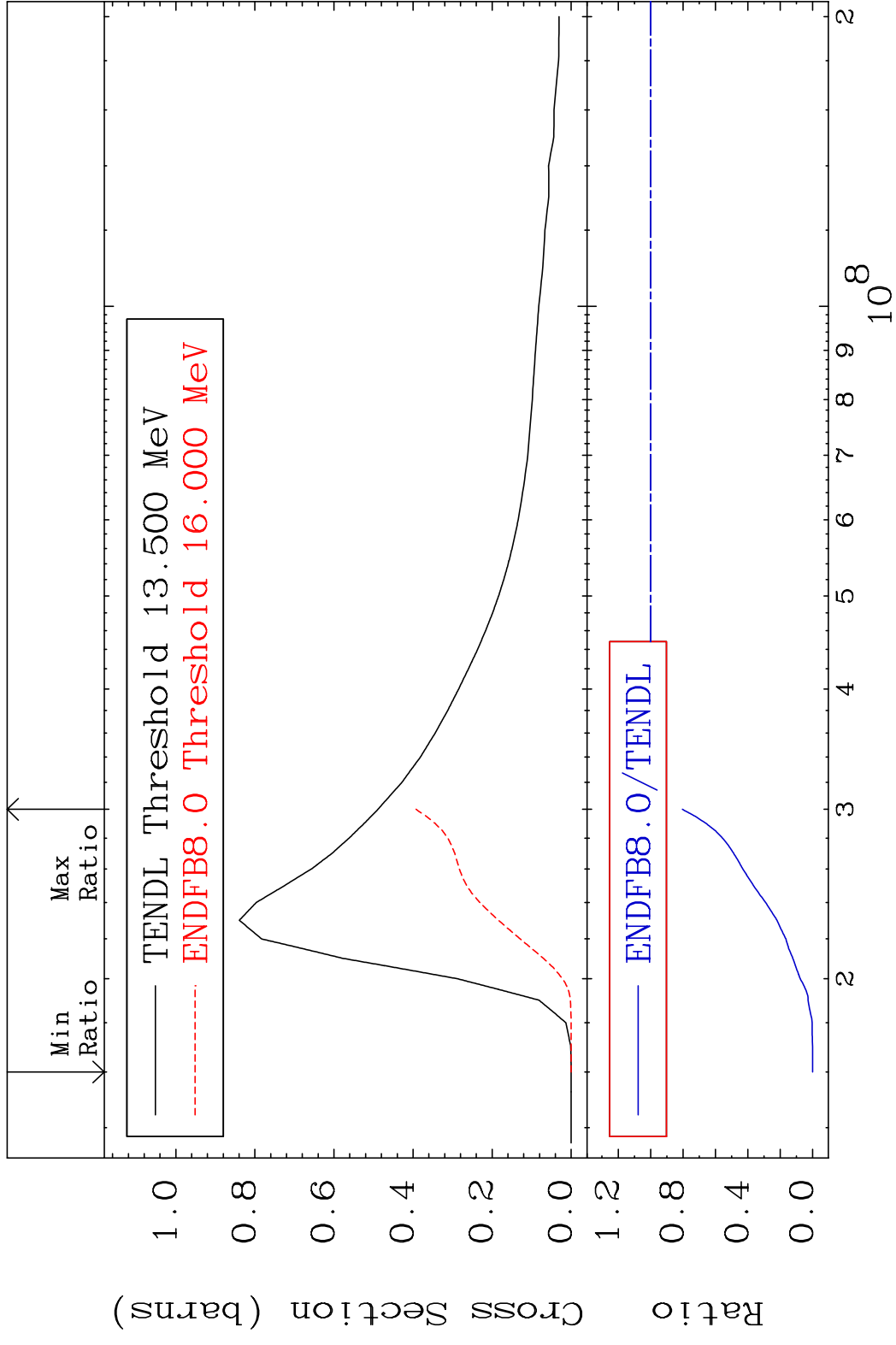


10

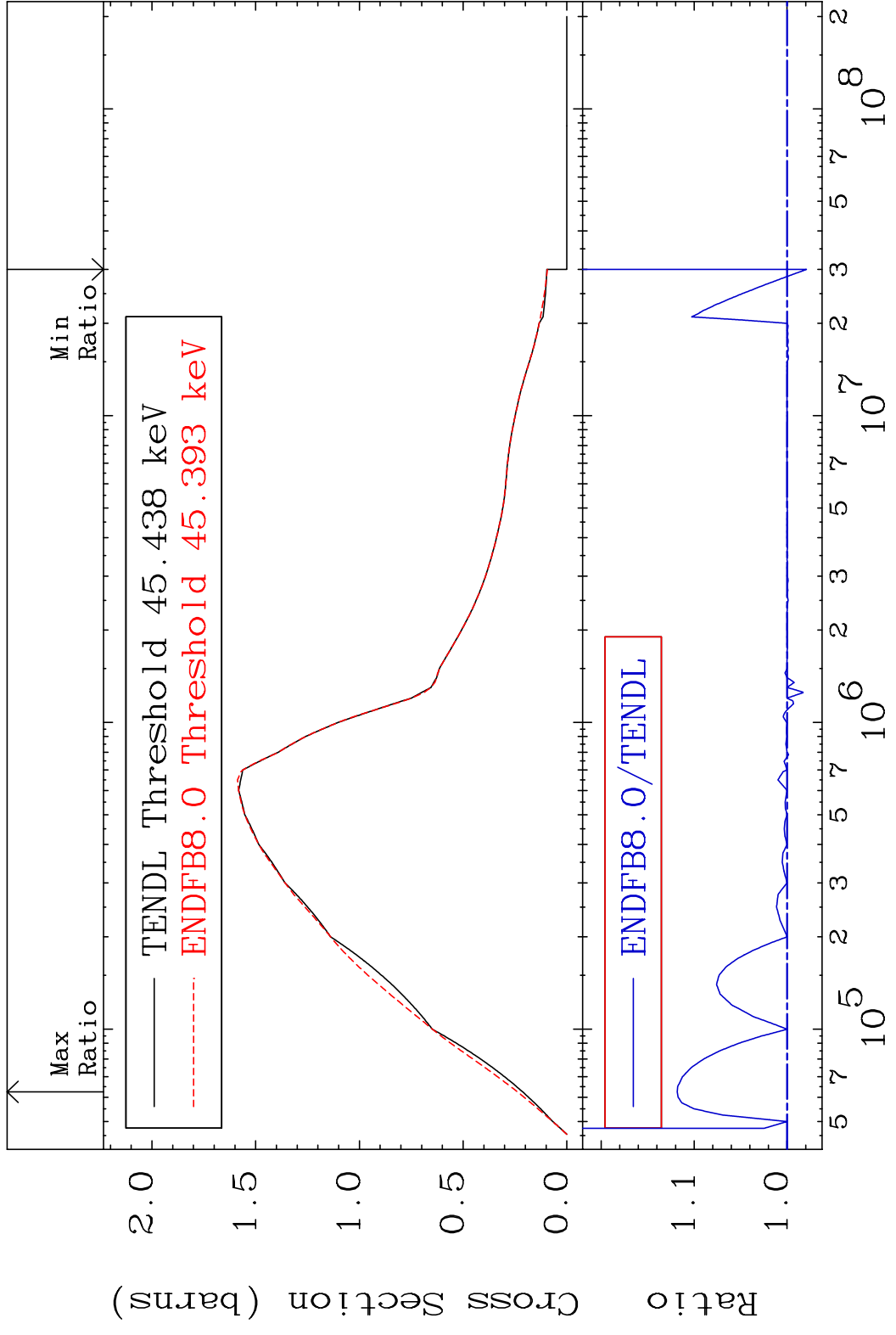
Incident Energy (eV)

92-U -236

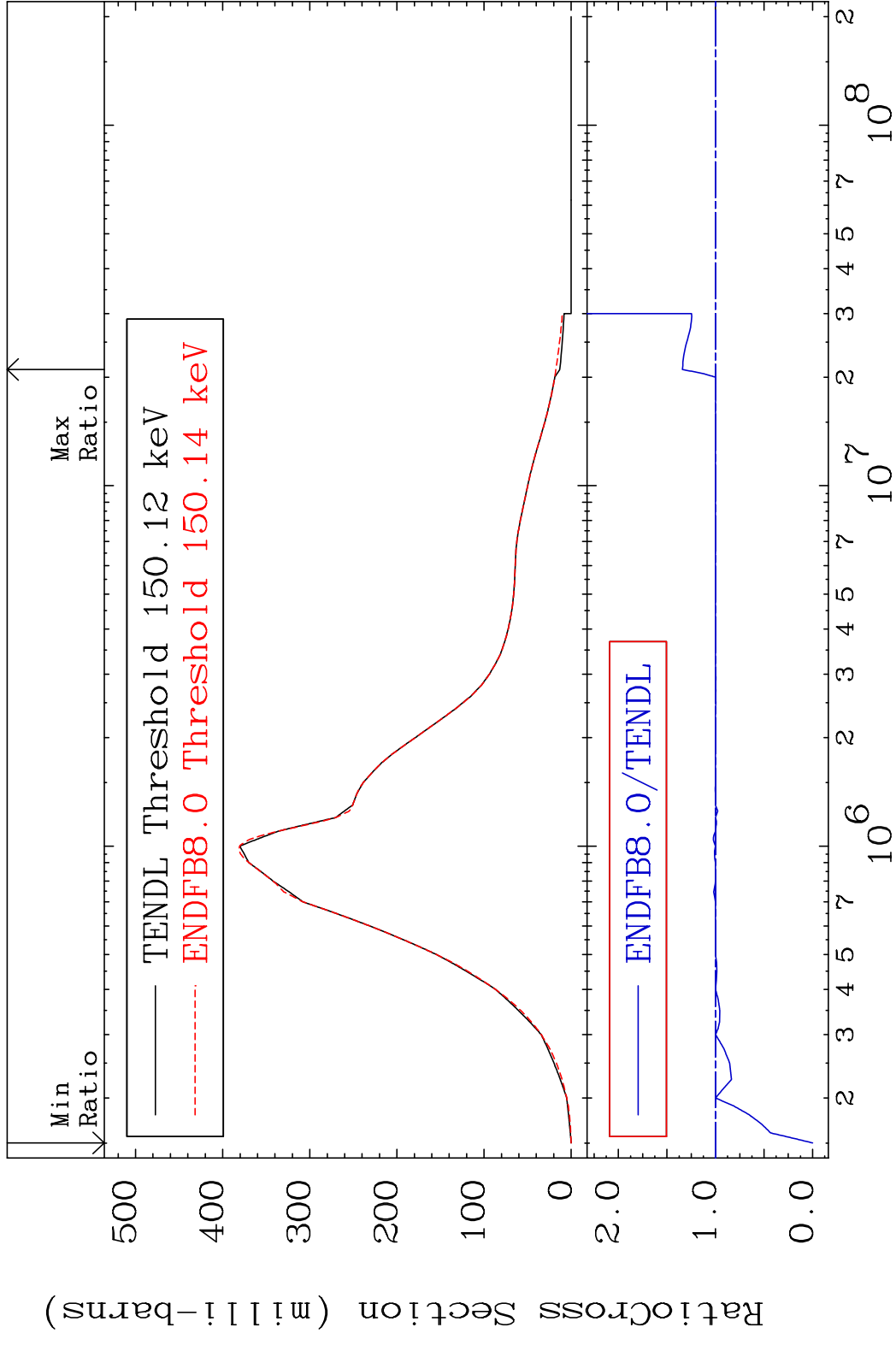
MAT 9231 (n,3nf) Fourth Chance 92-U -236  
 Cross Section -100.0 To -19.61%



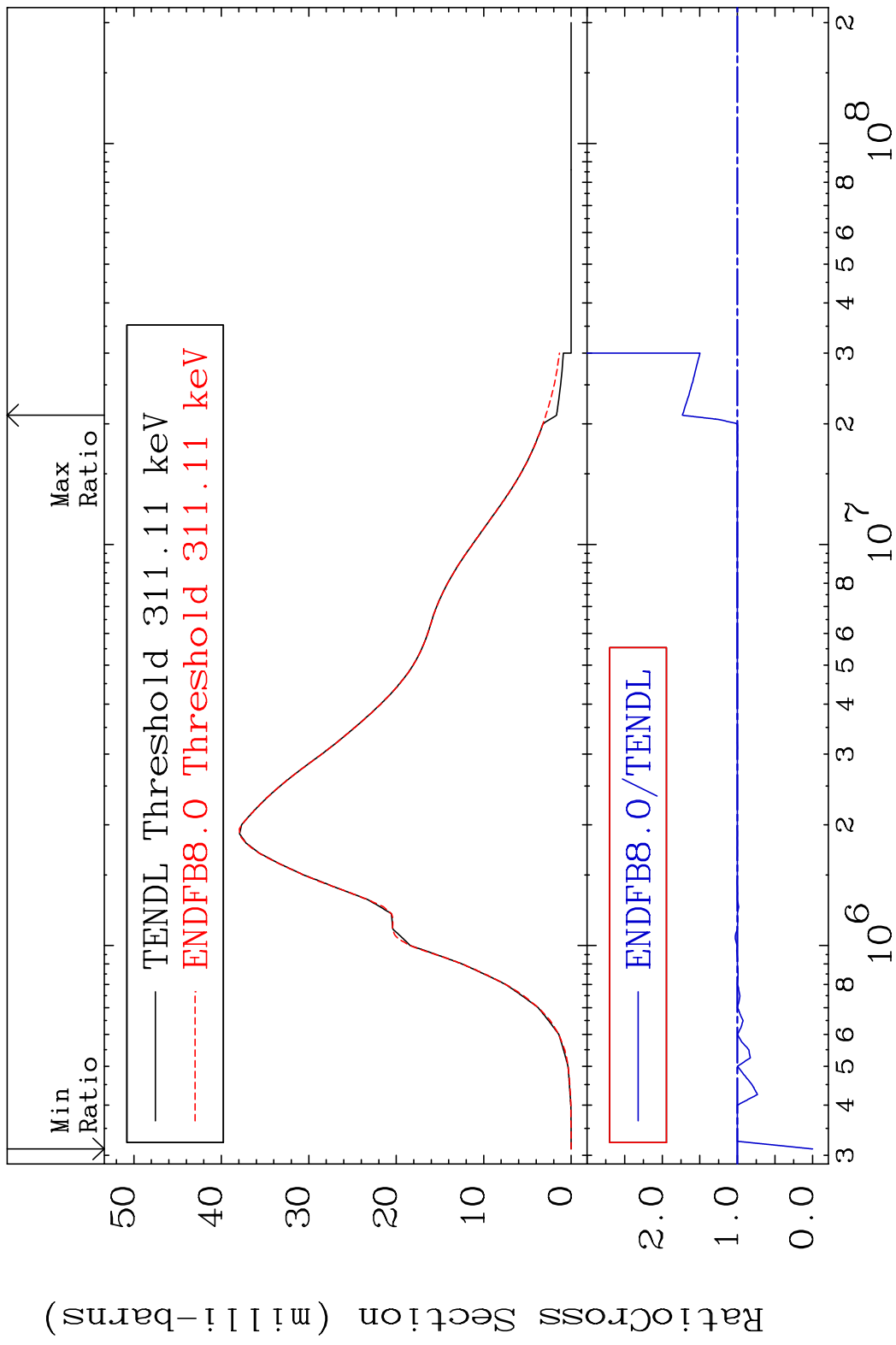
MAT 9231 MT= 51 (n,n') Level 92-U -236  
 Cross Section -2.076 To 11.82 %



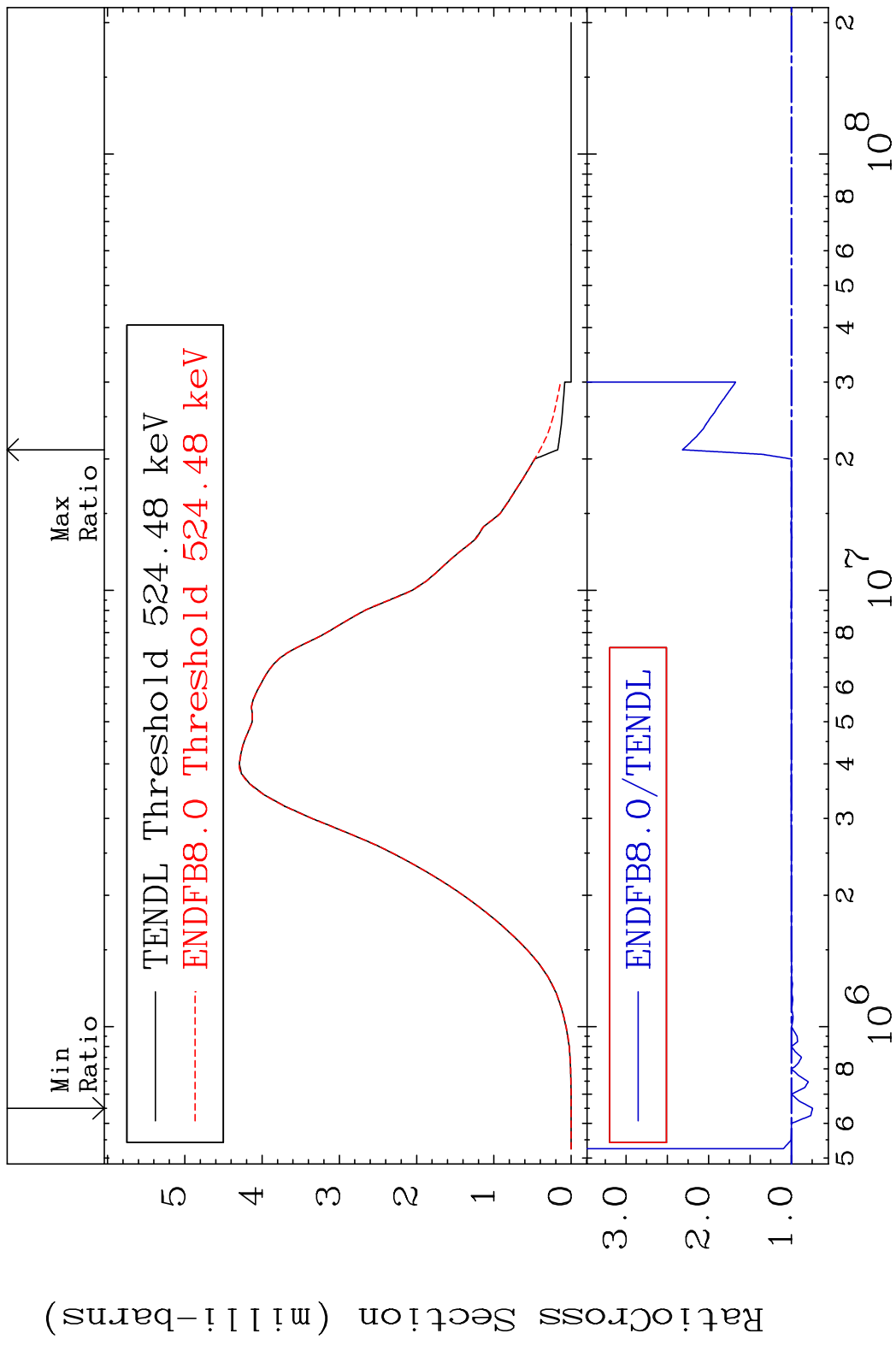
MAT 9231 MT= 52 (n,n') Level 92-U -236  
 Cross Section -100.0 To 34.13 %



MAT 9231 MT= 53 (n, n') Level 92-U -236  
 Cross Section -100.0 To 73.22 %

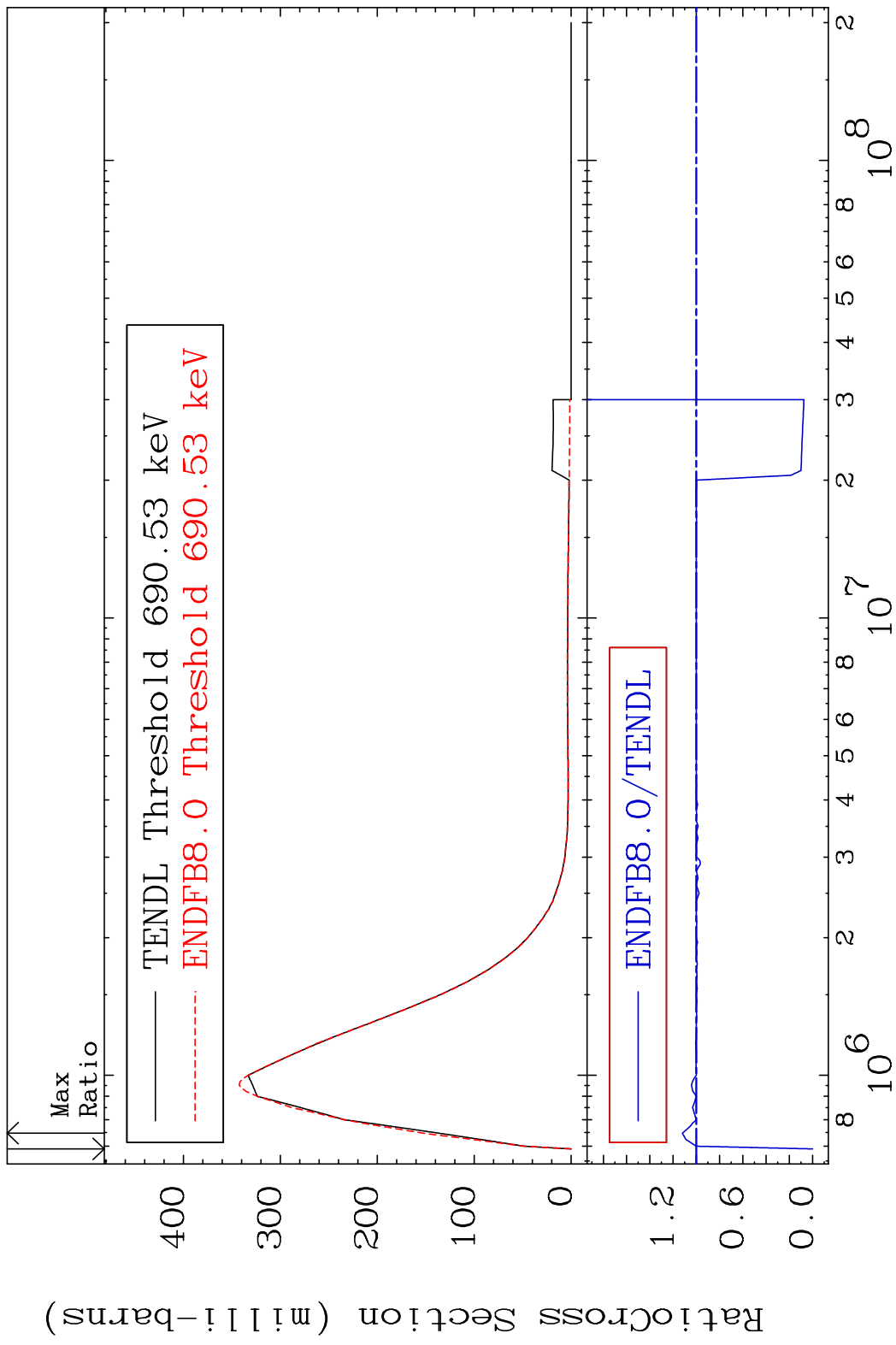


MAT 9231 MT= 54 (n, n') Level 92-U -236  
 Cross Section -25.60 To 131.8 %

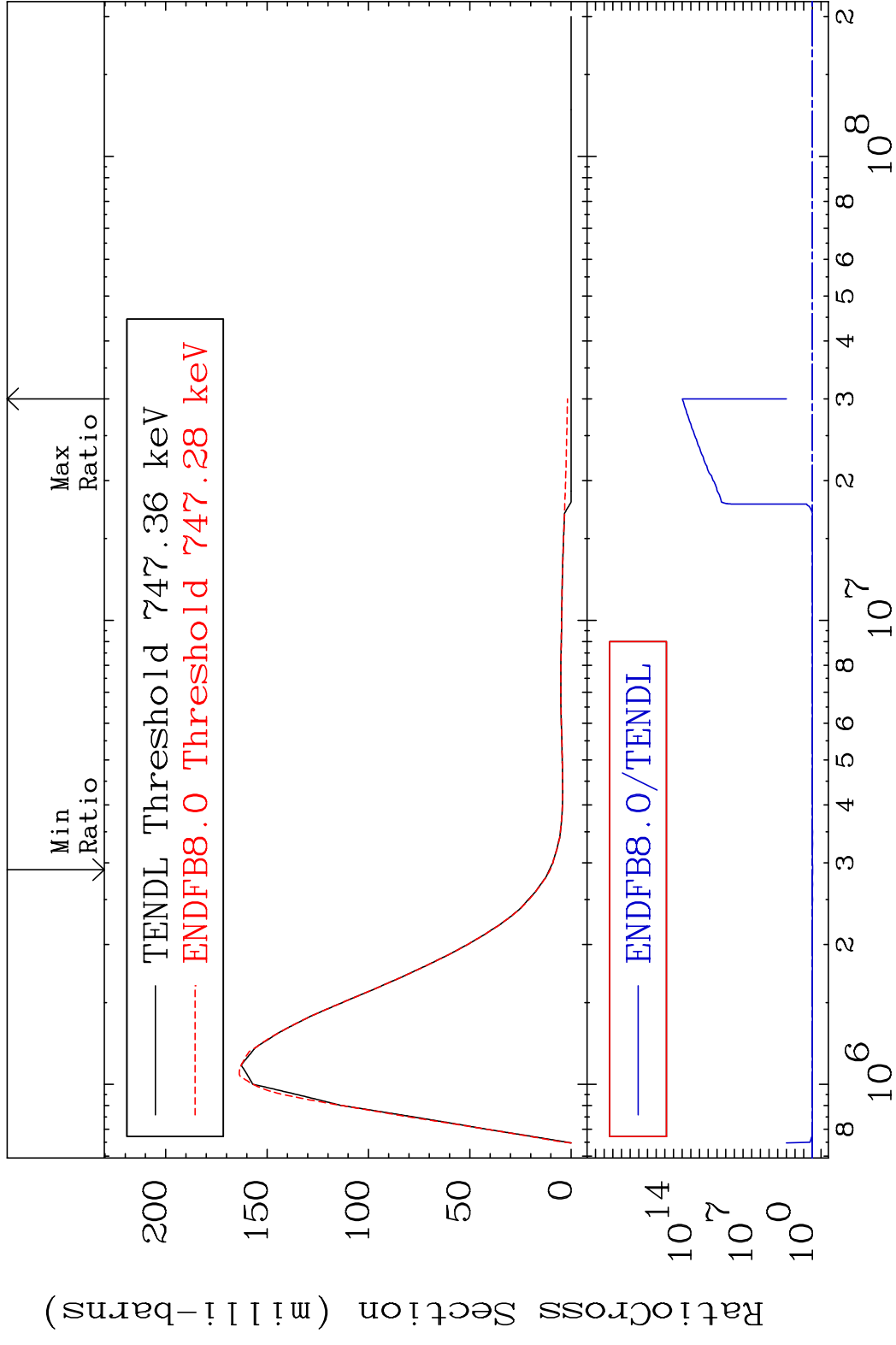




MAT 9231 MT= 55 (n,n') Level 92-U -236  
 Cross Section -100.0 To 12.04 %

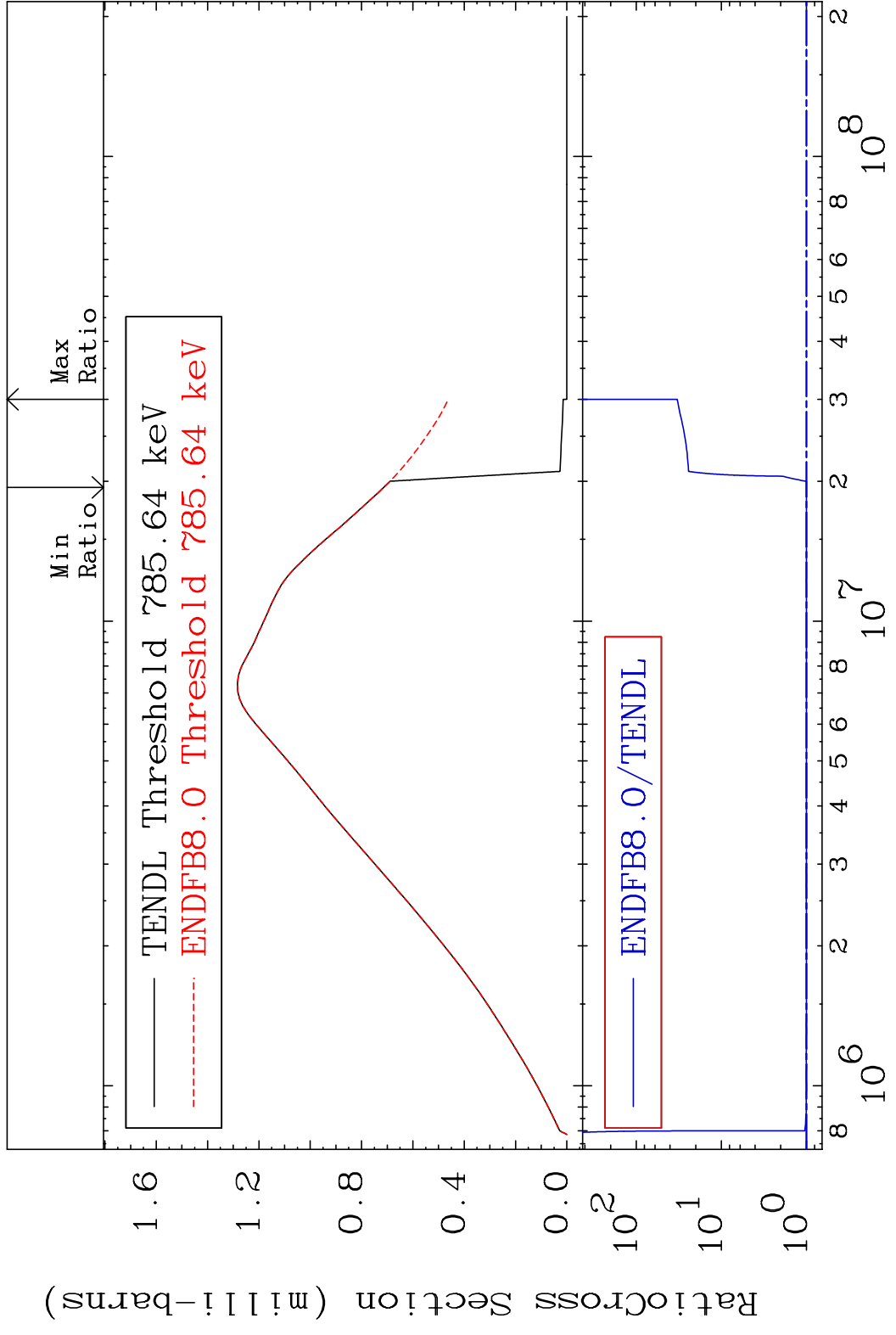


MAT 9231 MT= 56 (n,n') Level 92-U -236  
 Cross Section -2.853 To 9999. %



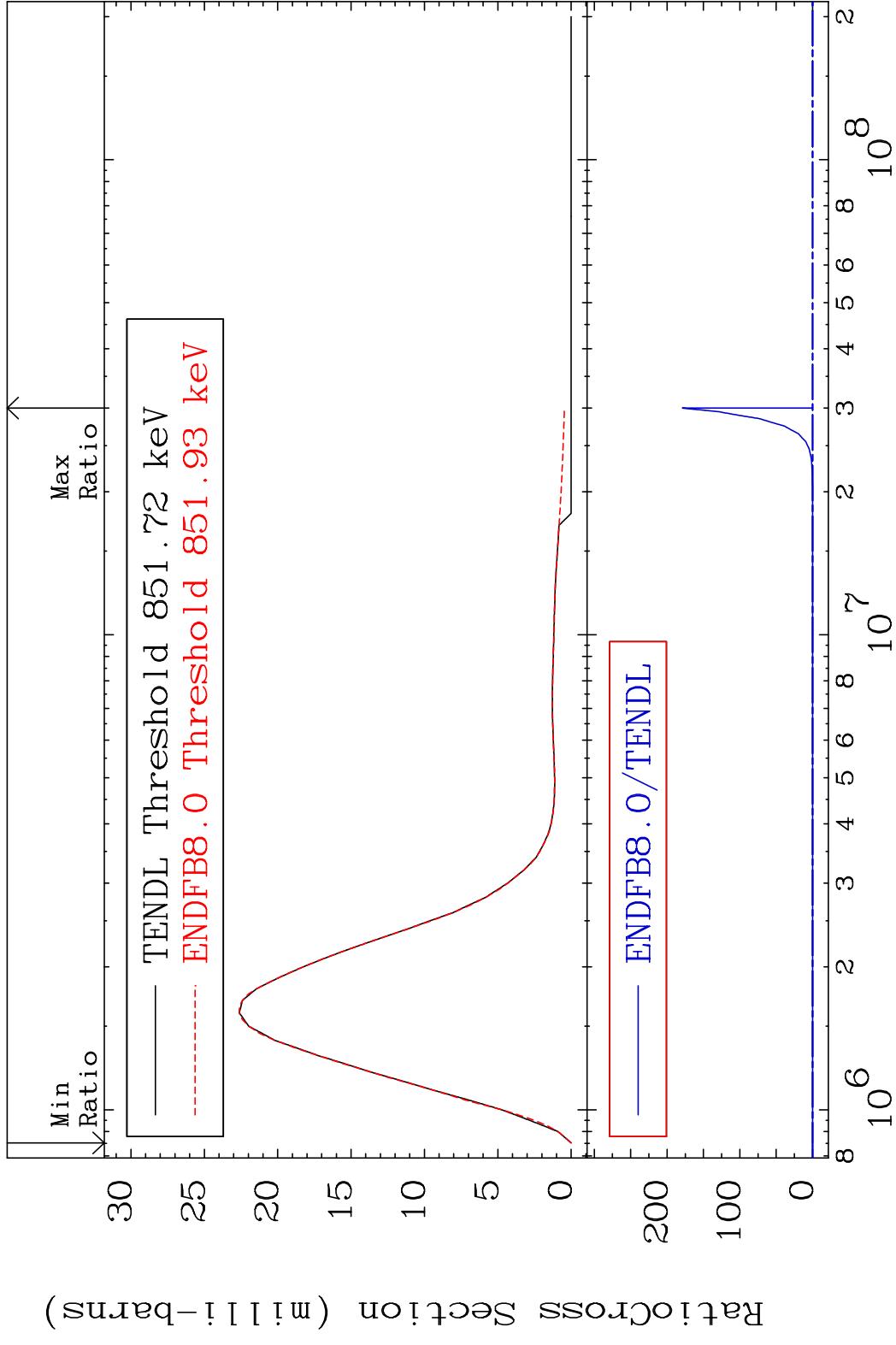
17 Incident Energy (eV) 92-U -236

MAT 9231 MT= 57 (n, n') Level 92-U -236  
 Cross Section -0.118 To 3198. %



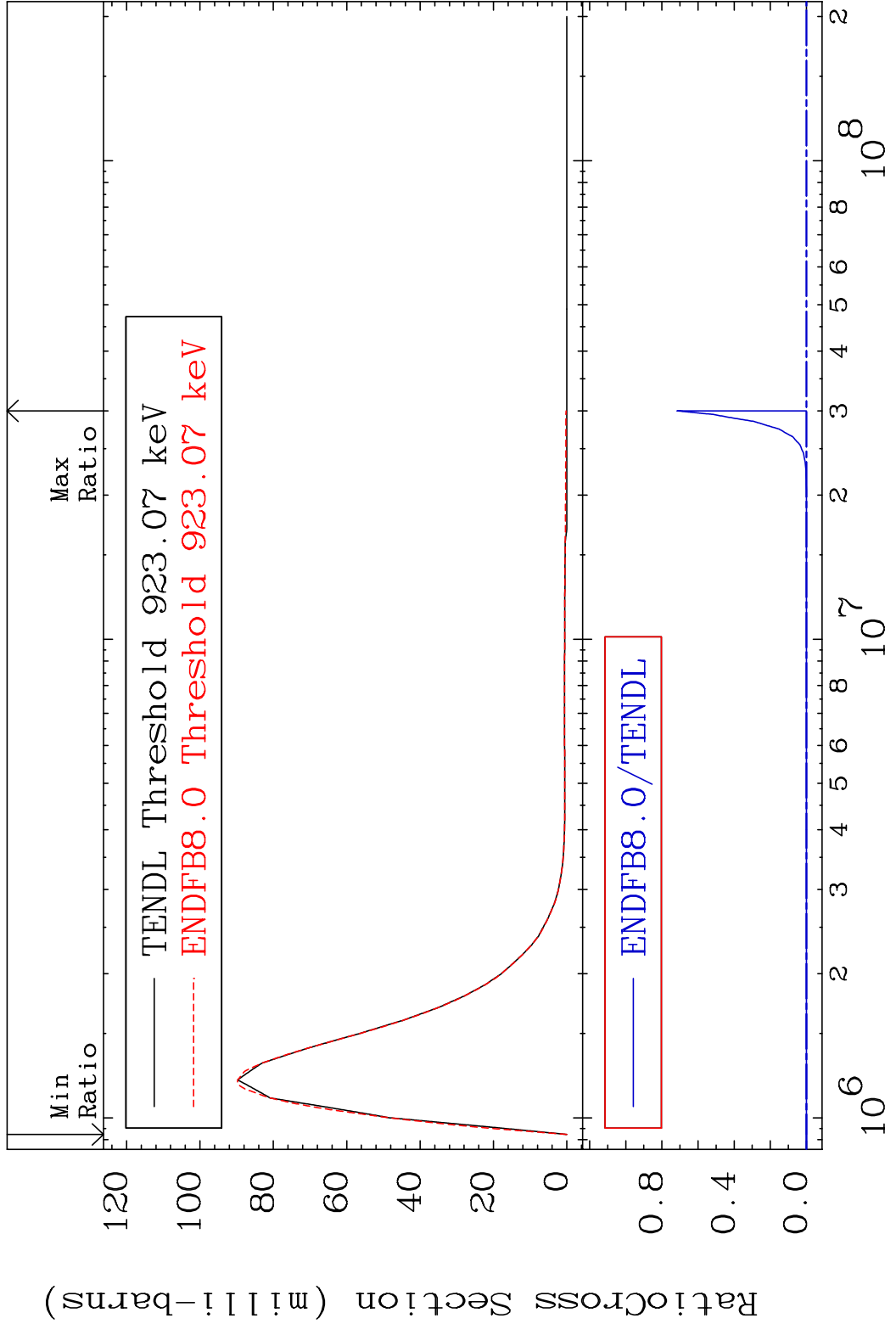
18 Incident Energy (eV) 92-U -236

MAT 9231 MT= 58 (n, n') Level 92-U -236  
 Cross Section -100.0 To 9999. %



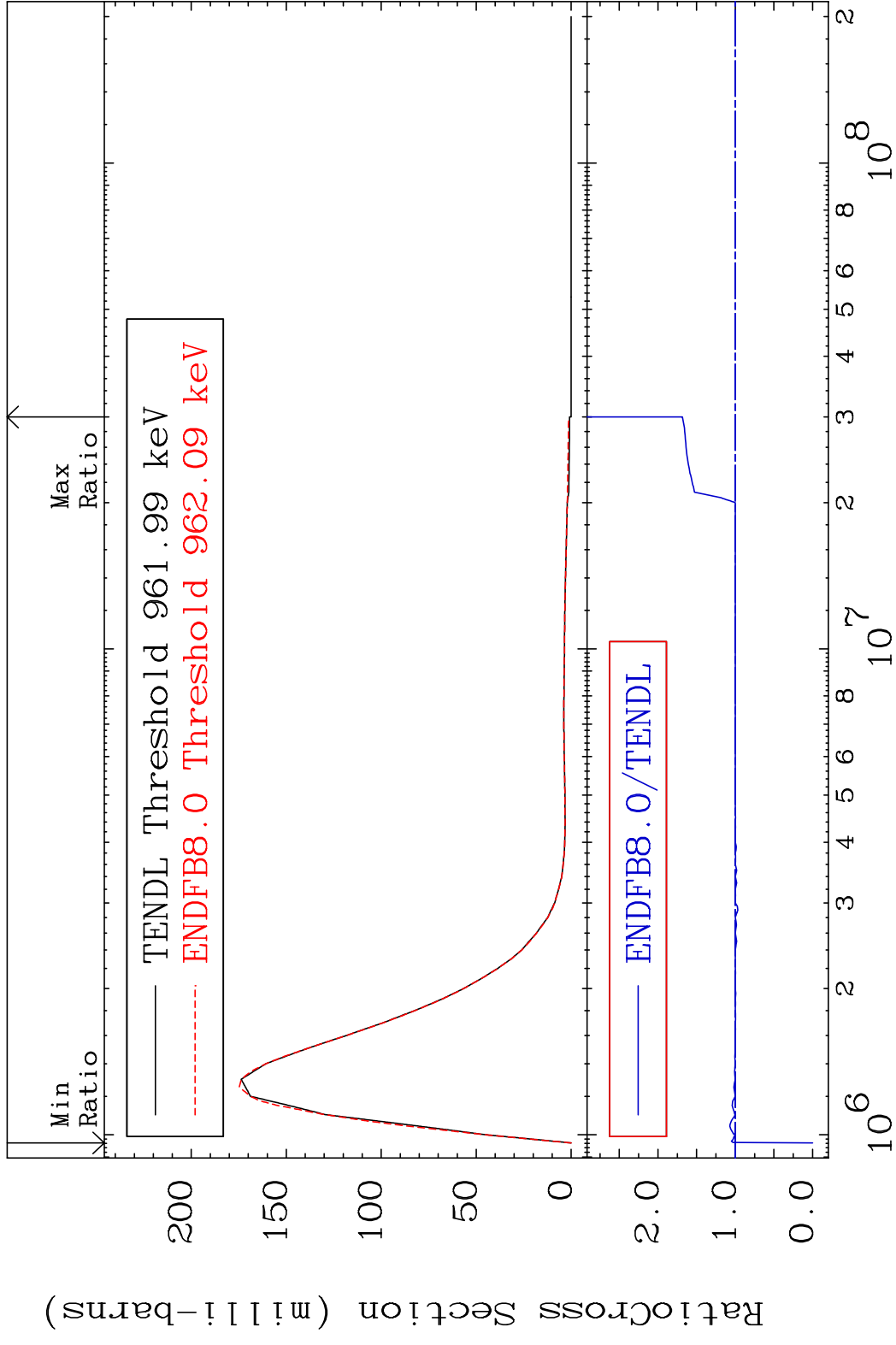
19 Incident Energy (eV) 92-U -236

MAT 9231 MT= 59 (n, n') Level 92-U -236  
 Cross Section -100.0 To 9999. %



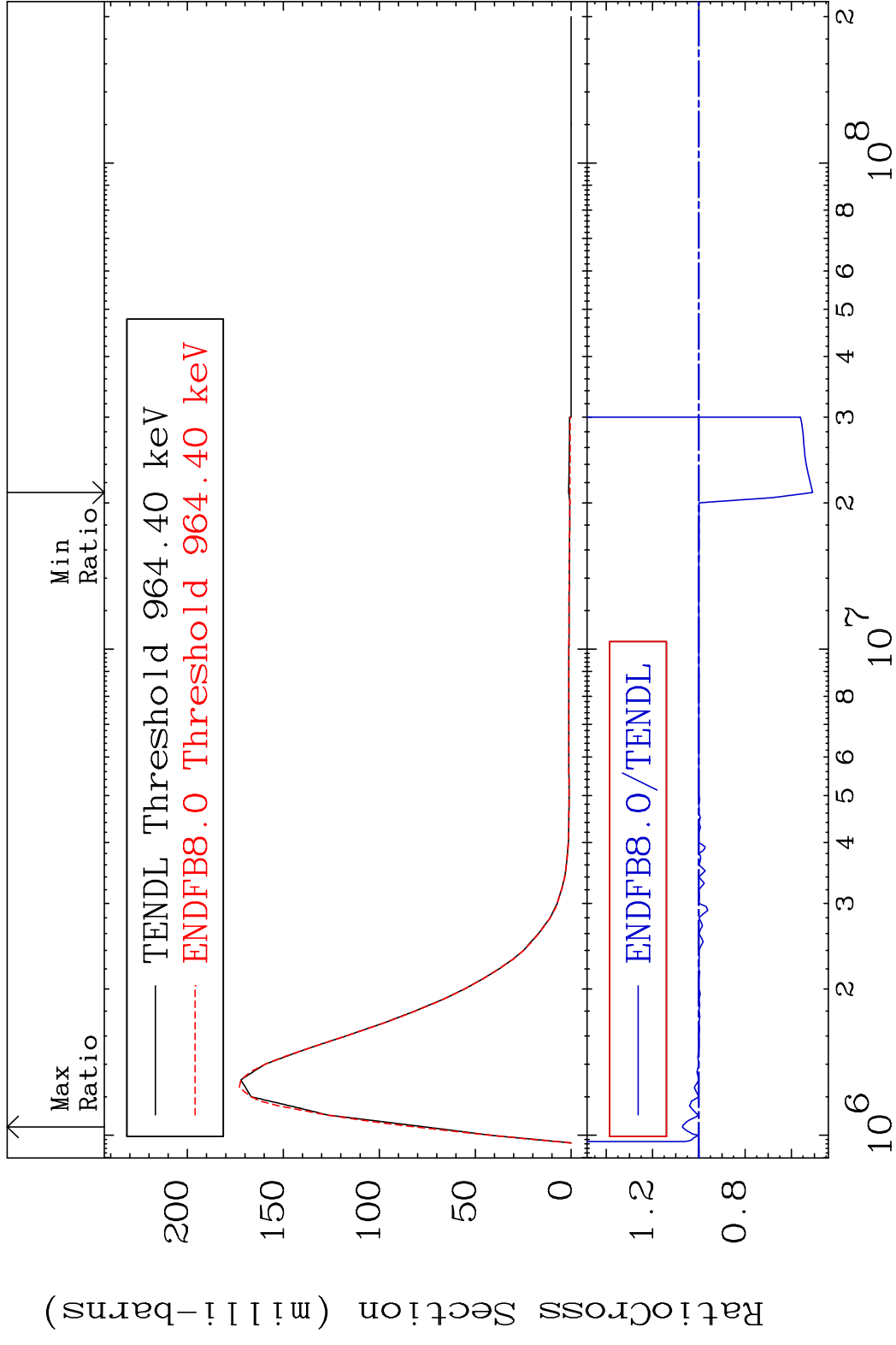
Incident Energy (eV) 92-U -236

MAT 9231 MT= 60 (n, n') Level 92-U -236  
 Cross Section -100.0 To 68.44 %



21 Incident Energy (eV) 92-U -236

MAT 9231 MT= 61 (n, n') Level 92-U -236  
 Cross Section -49.15 To 7.126 %



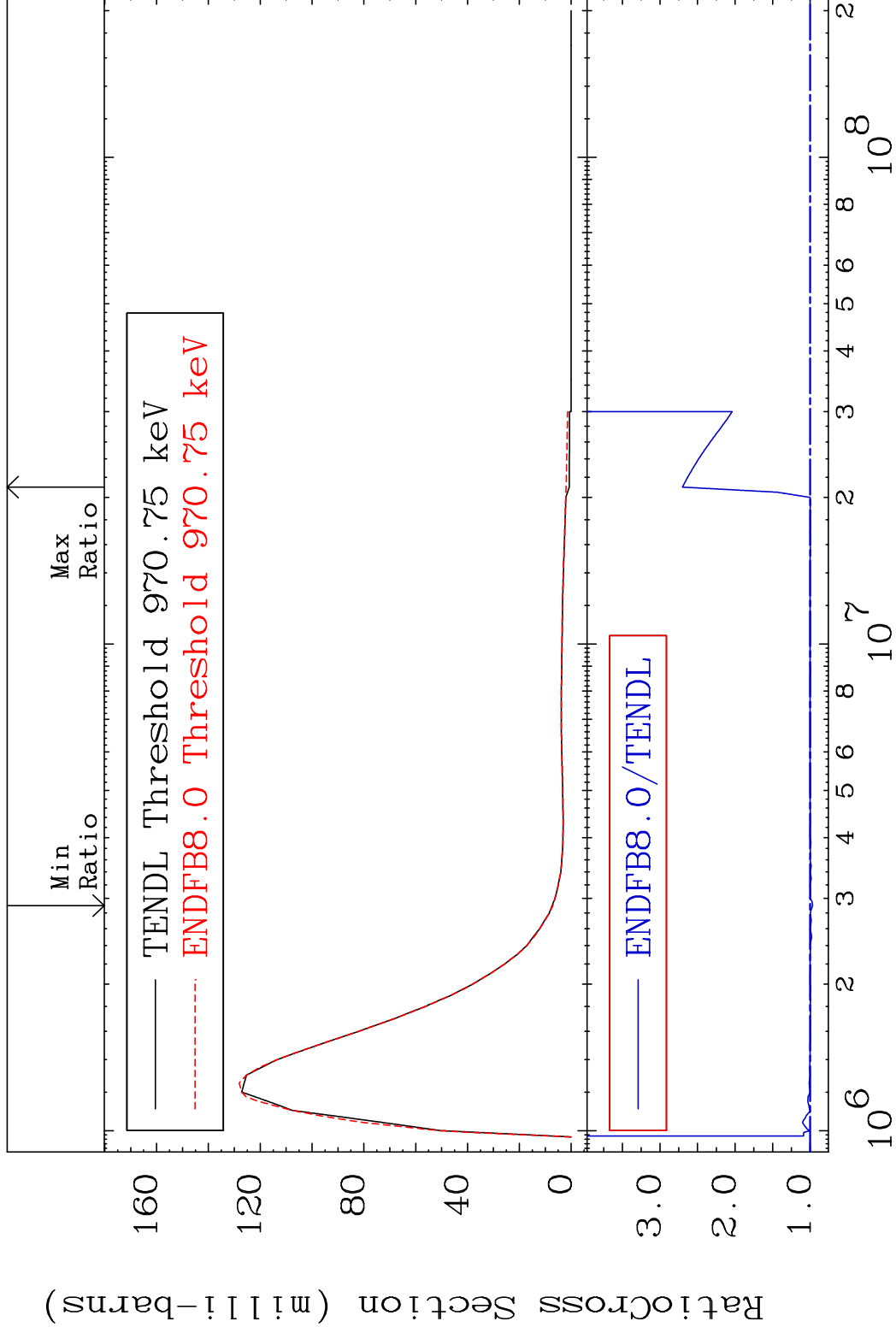
22 Incident Energy (eV) 92-U -236

MAT 9231

MT= 62 (n, n') Level

92-U -236

Cross Section -3.142 To 170.2 %



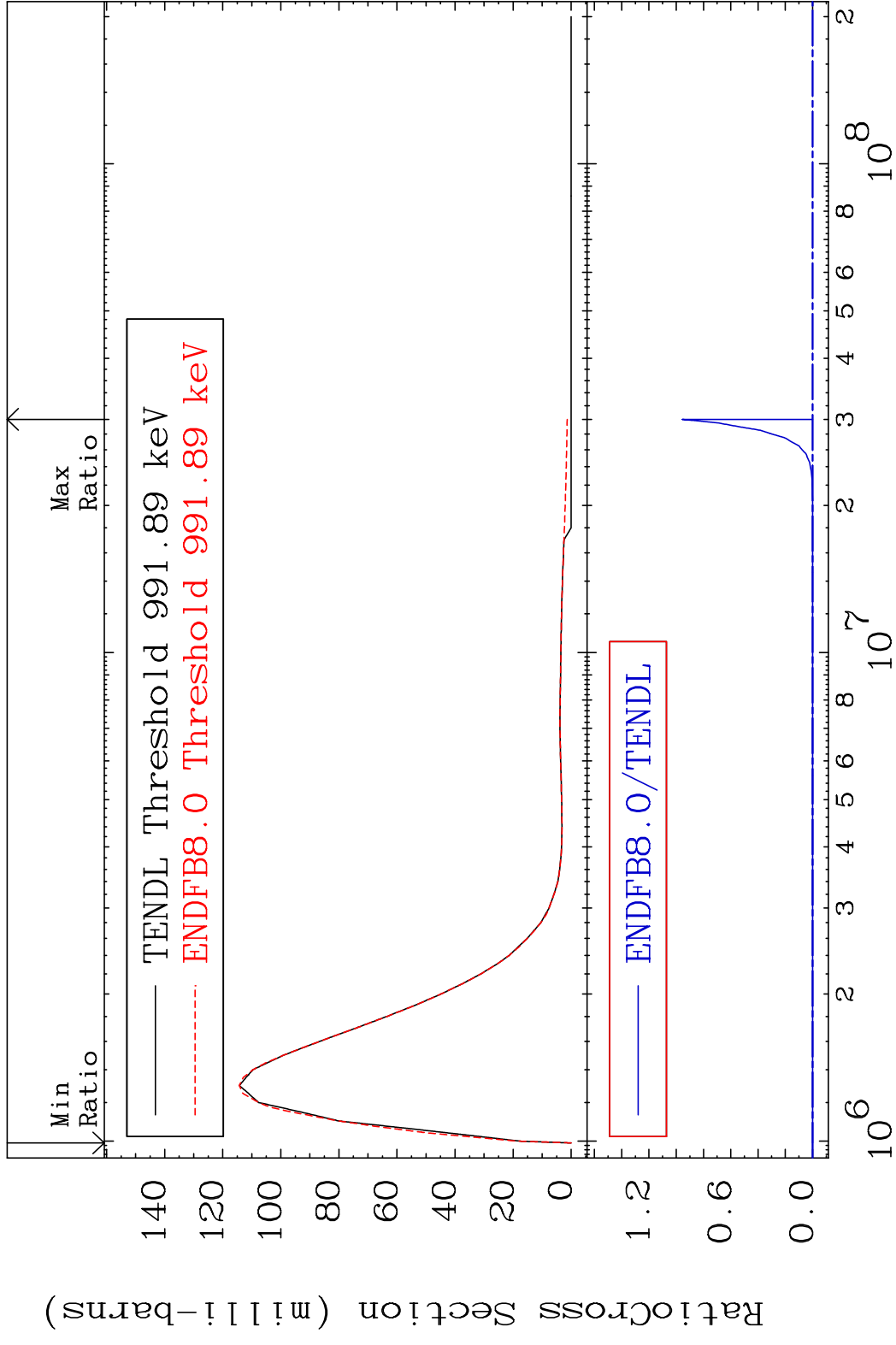
23

Incident Energy (eV)

92-U -236

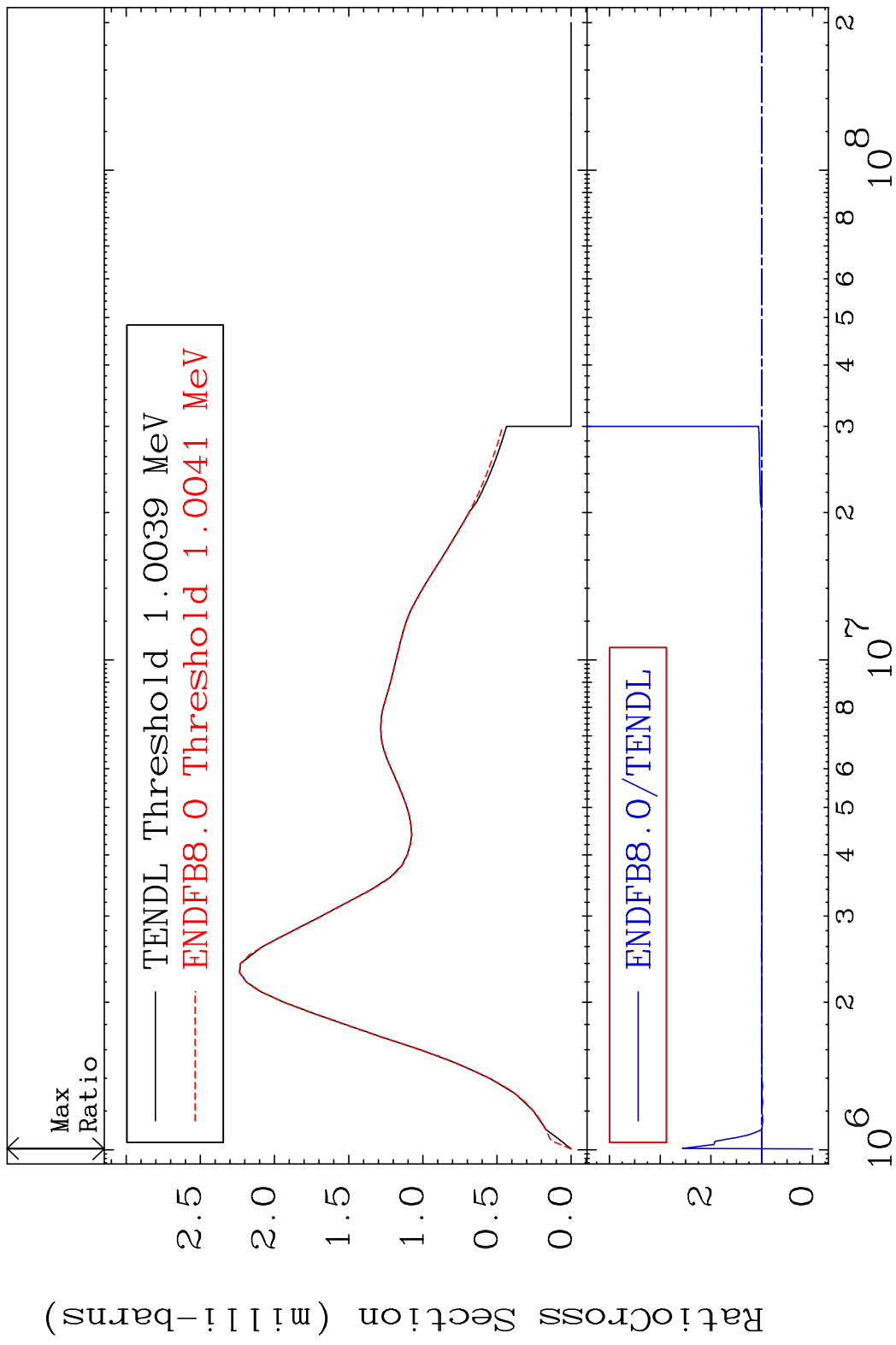


MAT 9231 MT= 63 (n, n') Level 92-U -236  
 Cross Section -100.0 To 9999. %



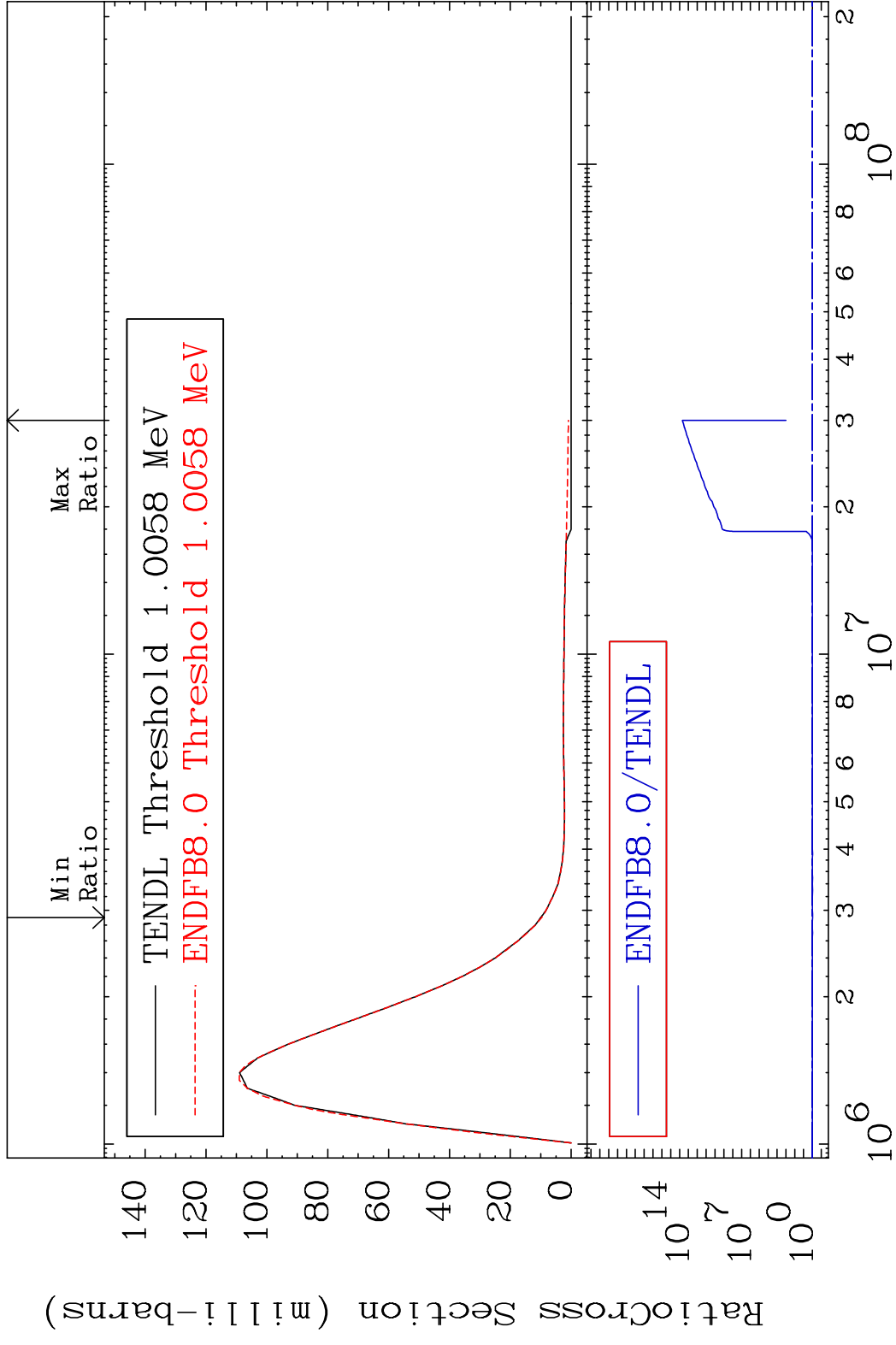
24 Incident Energy (eV) 92-U -236

MAT 9231 MT= 64 (n,n') Level 92-U -236  
 Cross Section -100.0 To 156.4 %



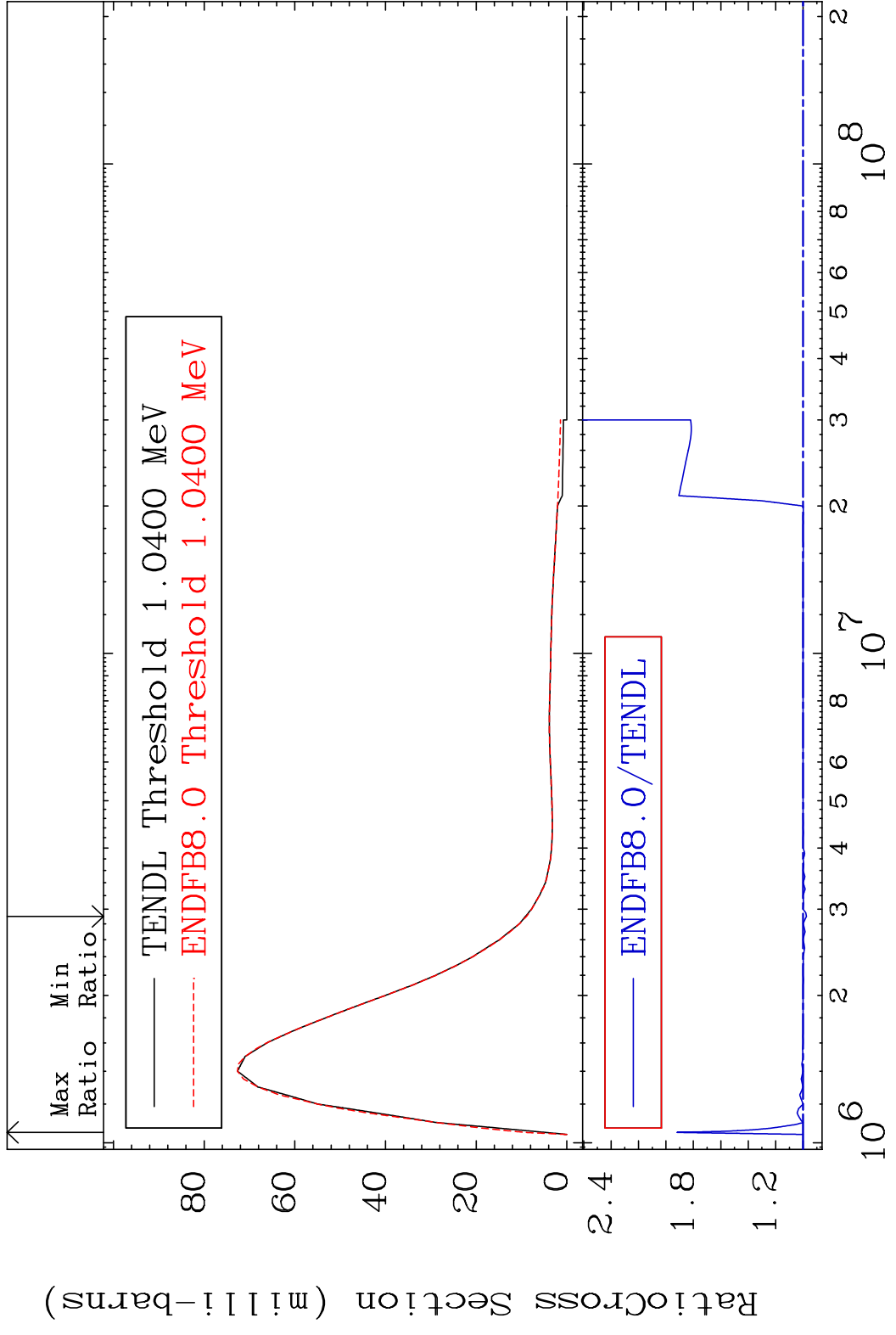
25 Incident Energy (eV) 92-U -236

MAT 9231 MT= 65 (n,n') Level 92-U -236  
 Cross Section -3.048 To 9999. %



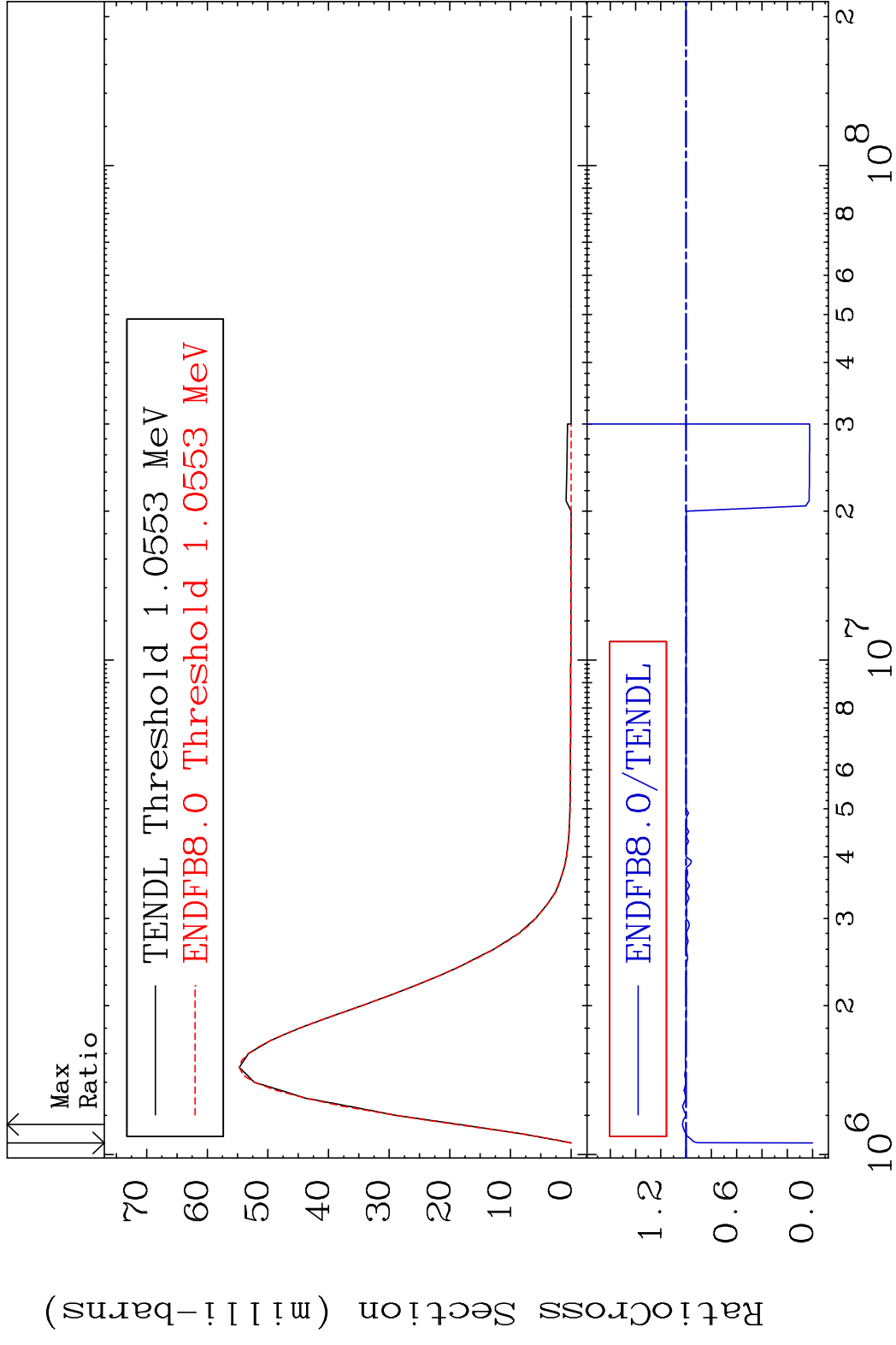
26 Incident Energy (eV) 92-U -236

MAT 9231 MT= 66 (n,n') Level 92-U -236  
 Cross Section -2.411 To 91.80 %



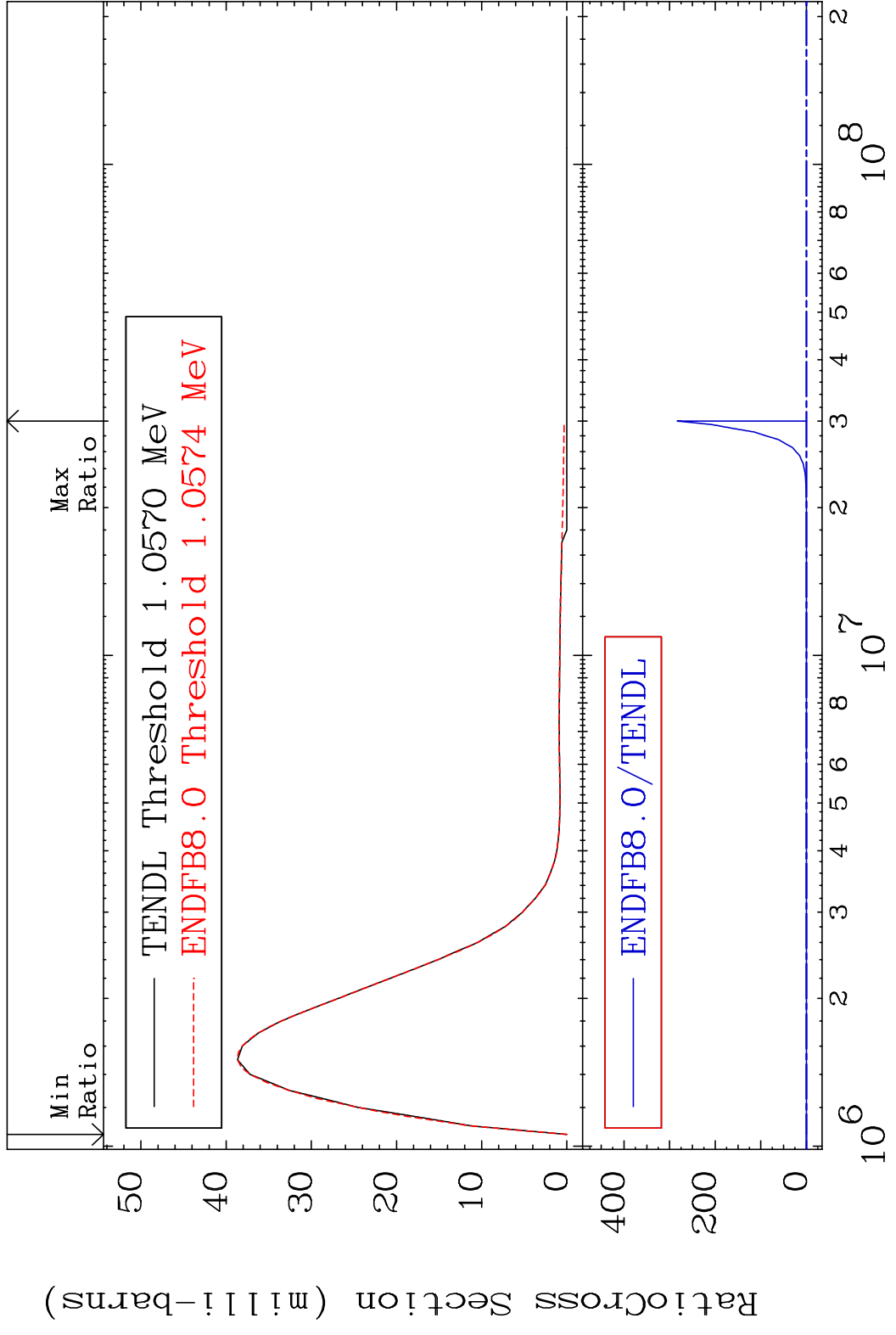
27 Incident Energy (eV) 92-U -236

MAT 9231 MT= 67 (n,n') Level 92-U -236  
 Cross Section -100.0 To 2.972 %



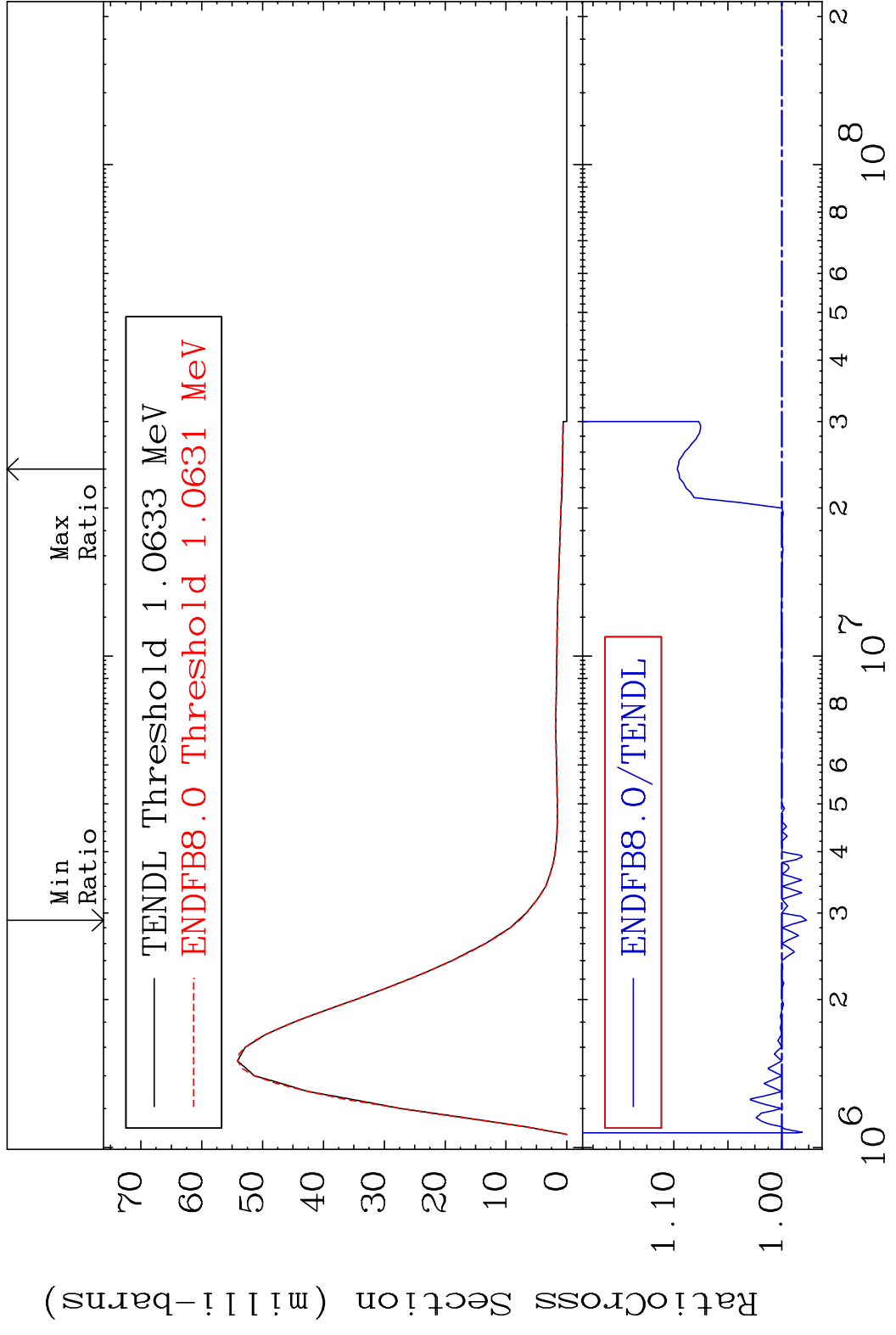
28 Incident Energy (eV) 92-U -236

MAT 9231 MT= 68 (n, n') Level 92-U -236  
 Cross Section -100.0 To 9999. %



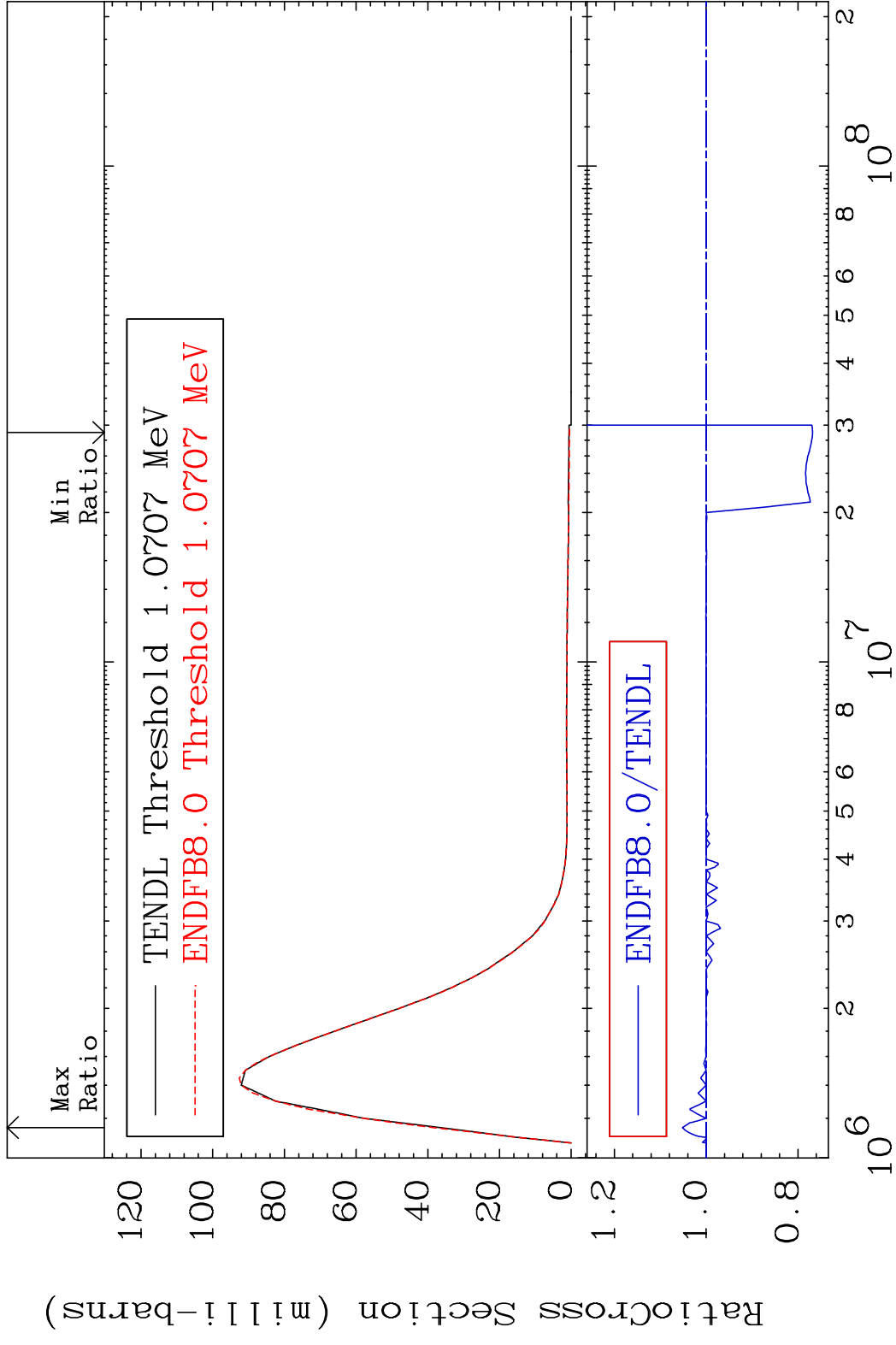
29 Incident Energy (eV) 92-U -236

MAT 9231 MT= 69 (n, n') Level 92-U -236  
 Cross Section -2.281 To 9.697 %



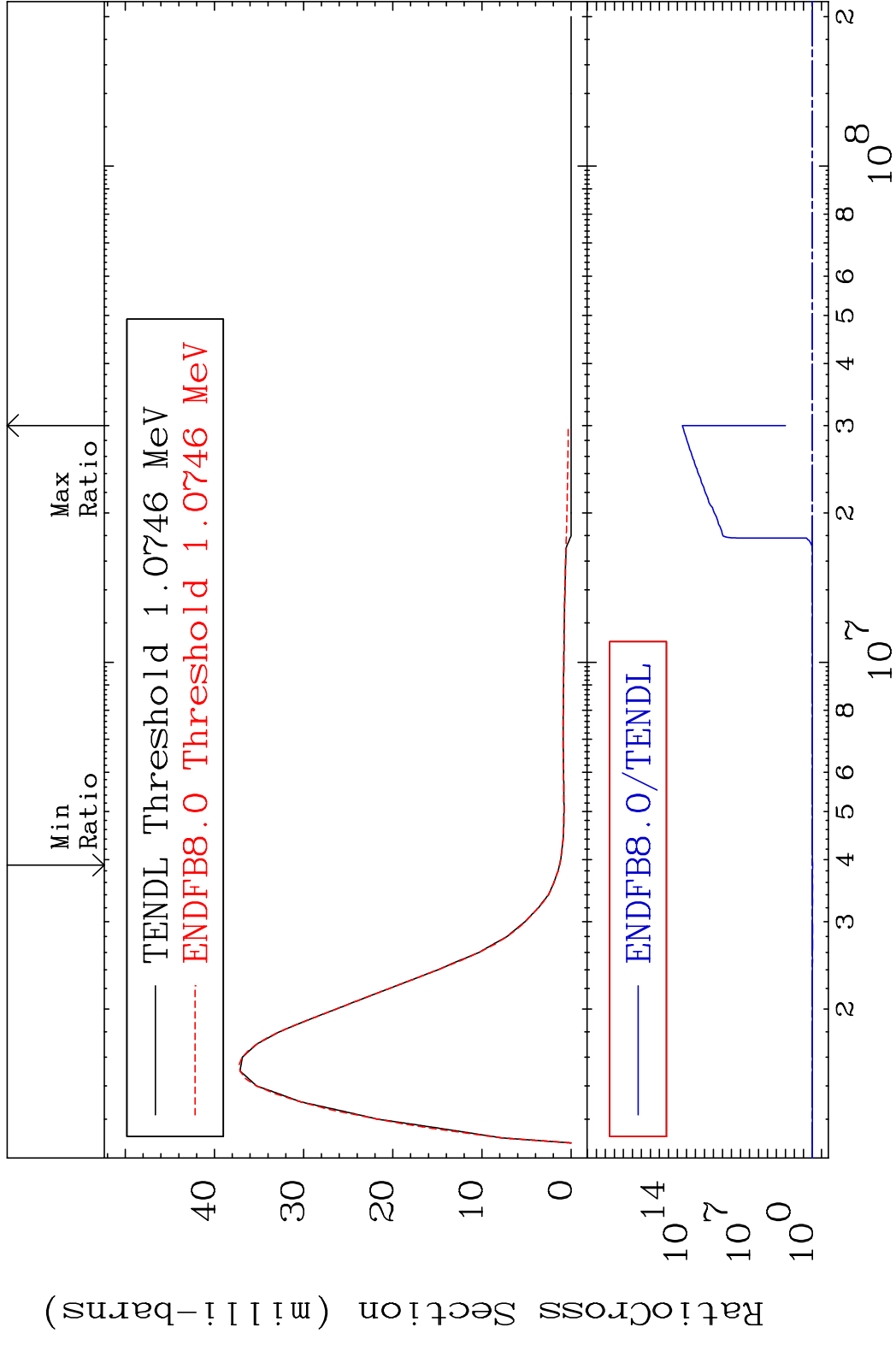
30 Incident Energy (eV) 92-U -236

MAT 9231 MT= 70 (n, n') Level 92-U -236  
 Cross Section -23.18 To 5.186 %

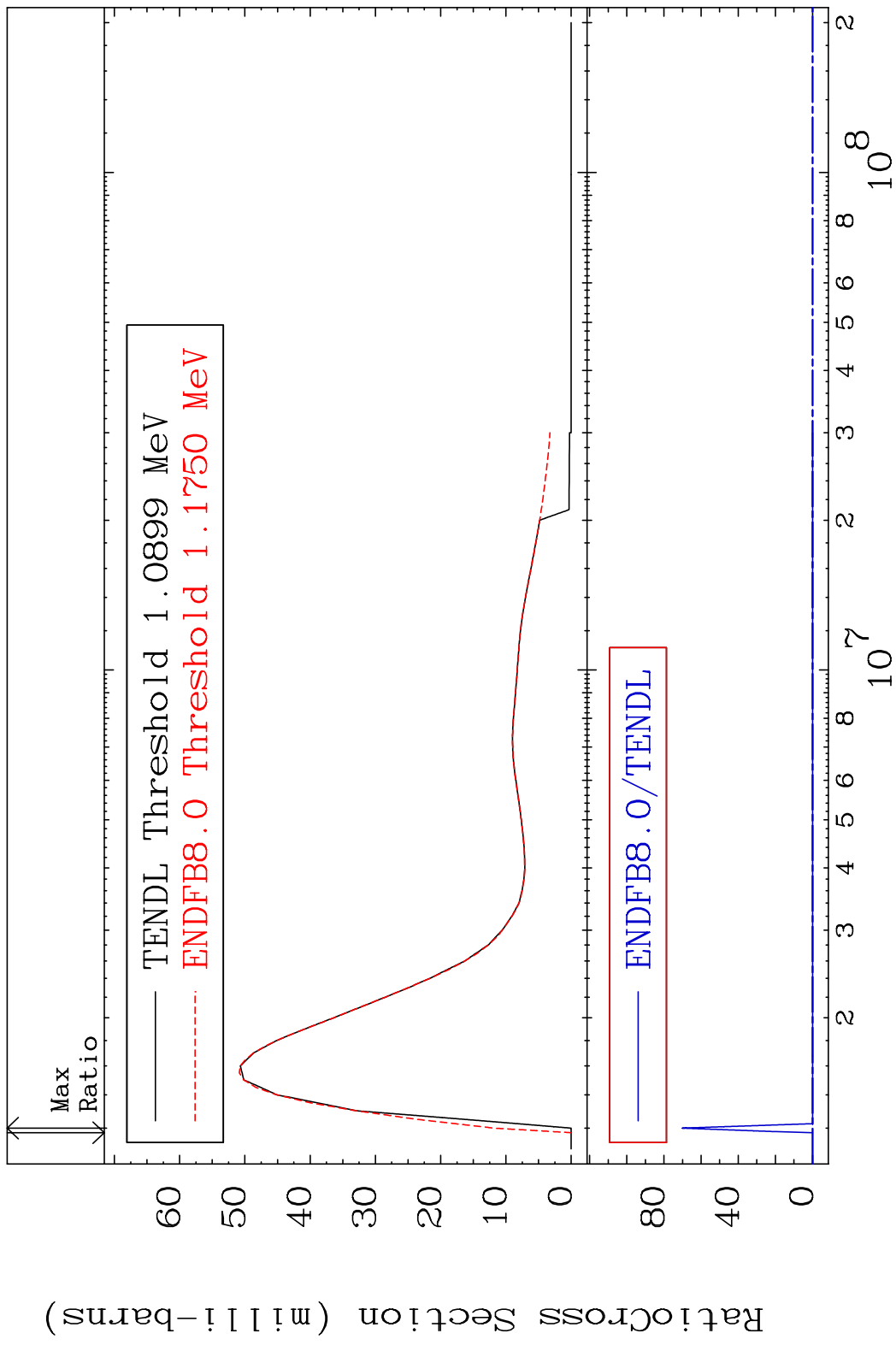




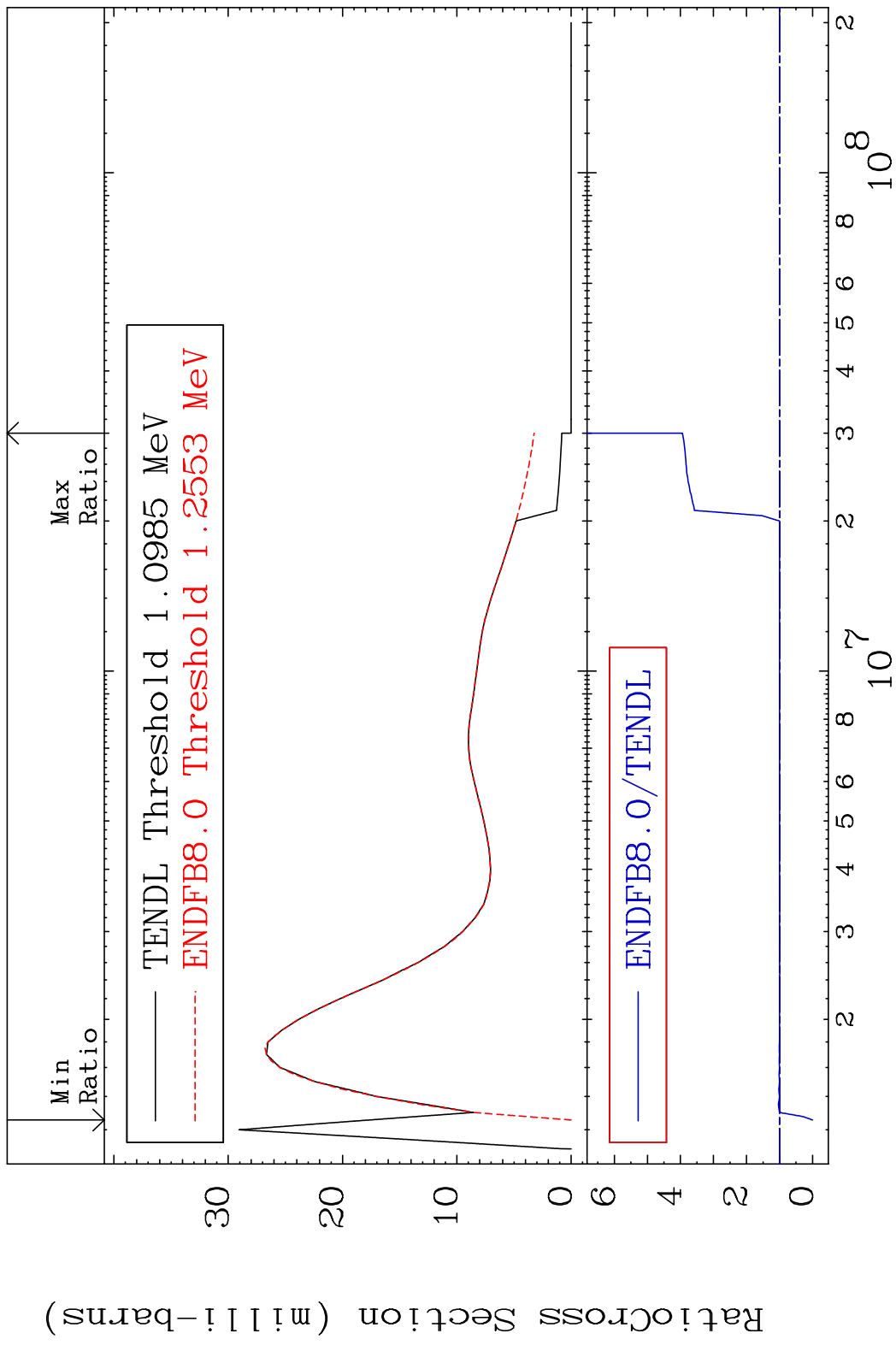
MAT 9231 MT= 71 (n,n') Level 92-U -236  
 Cross Section -2.411 To 9999. %



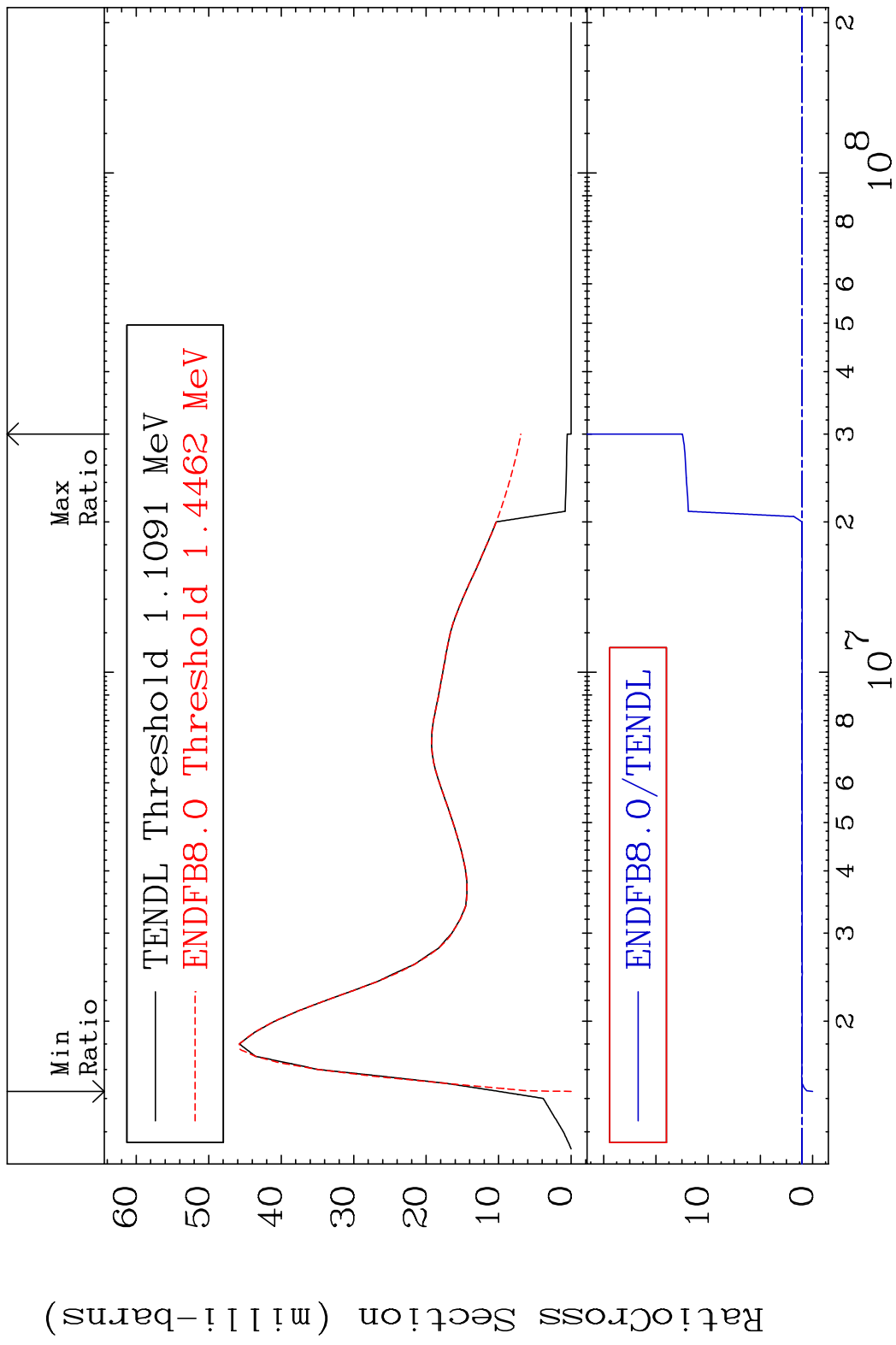
MAT 9231      MT= 72 (n,n') Level      92-U -236  
 Cross Section    -100.0 To 9999. %



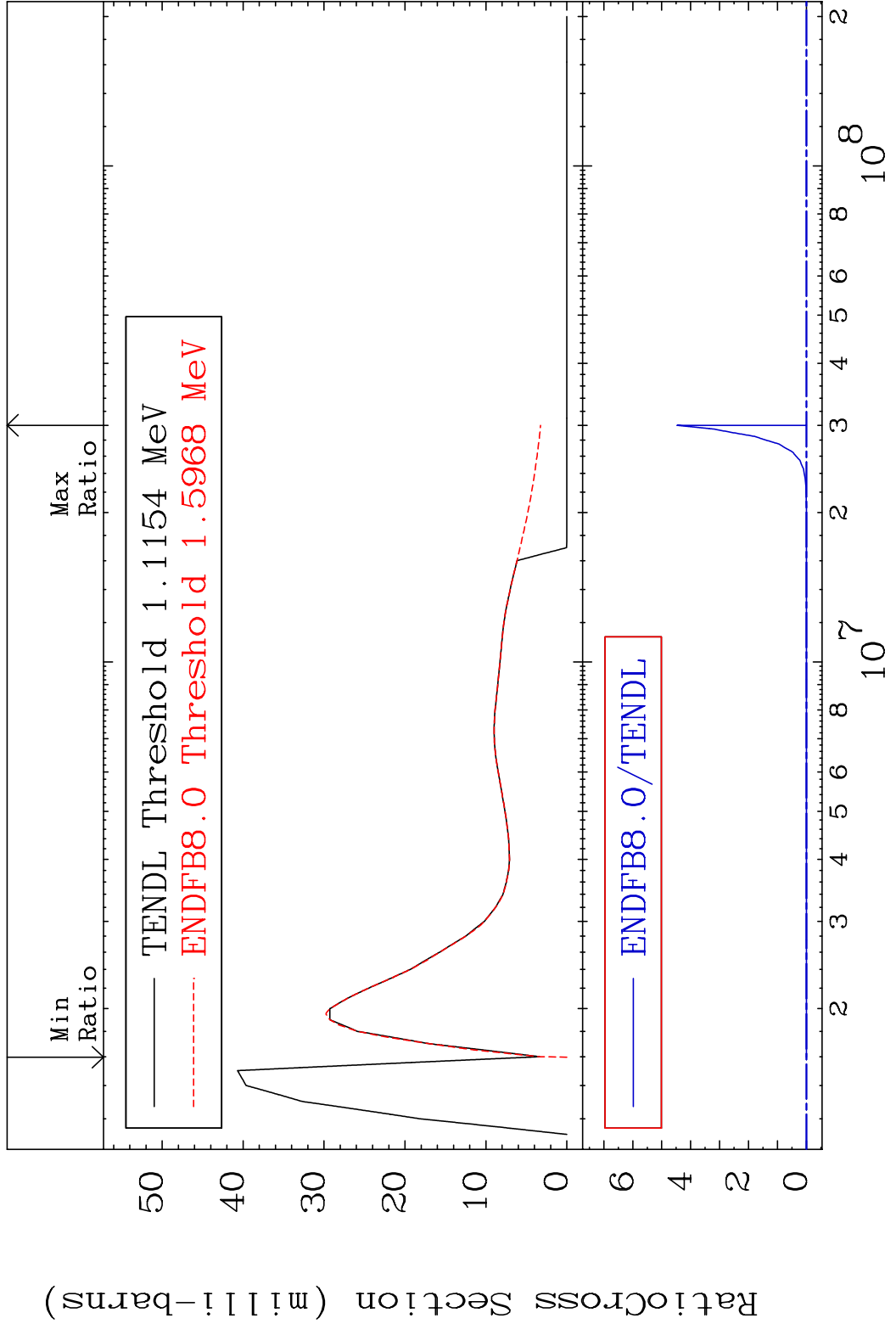
MAT 9231      MT= 73 (n,n') Level      92-U -236  
 Cross Section      -100.0 To 294.2 %



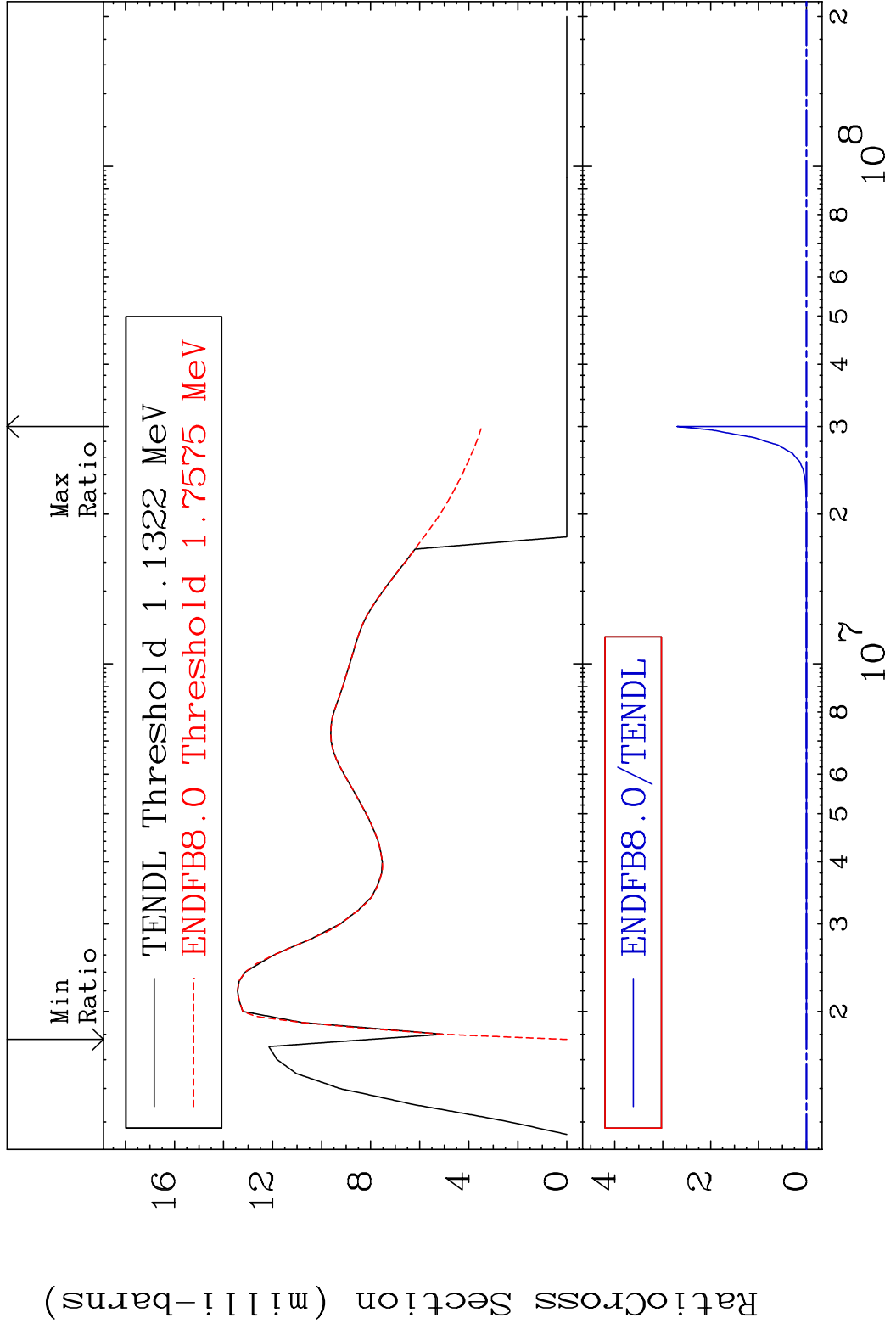
MAT 9231 MT= 74 (n,n') Level 92-U -236  
 Cross Section -100.0 To 1147. %



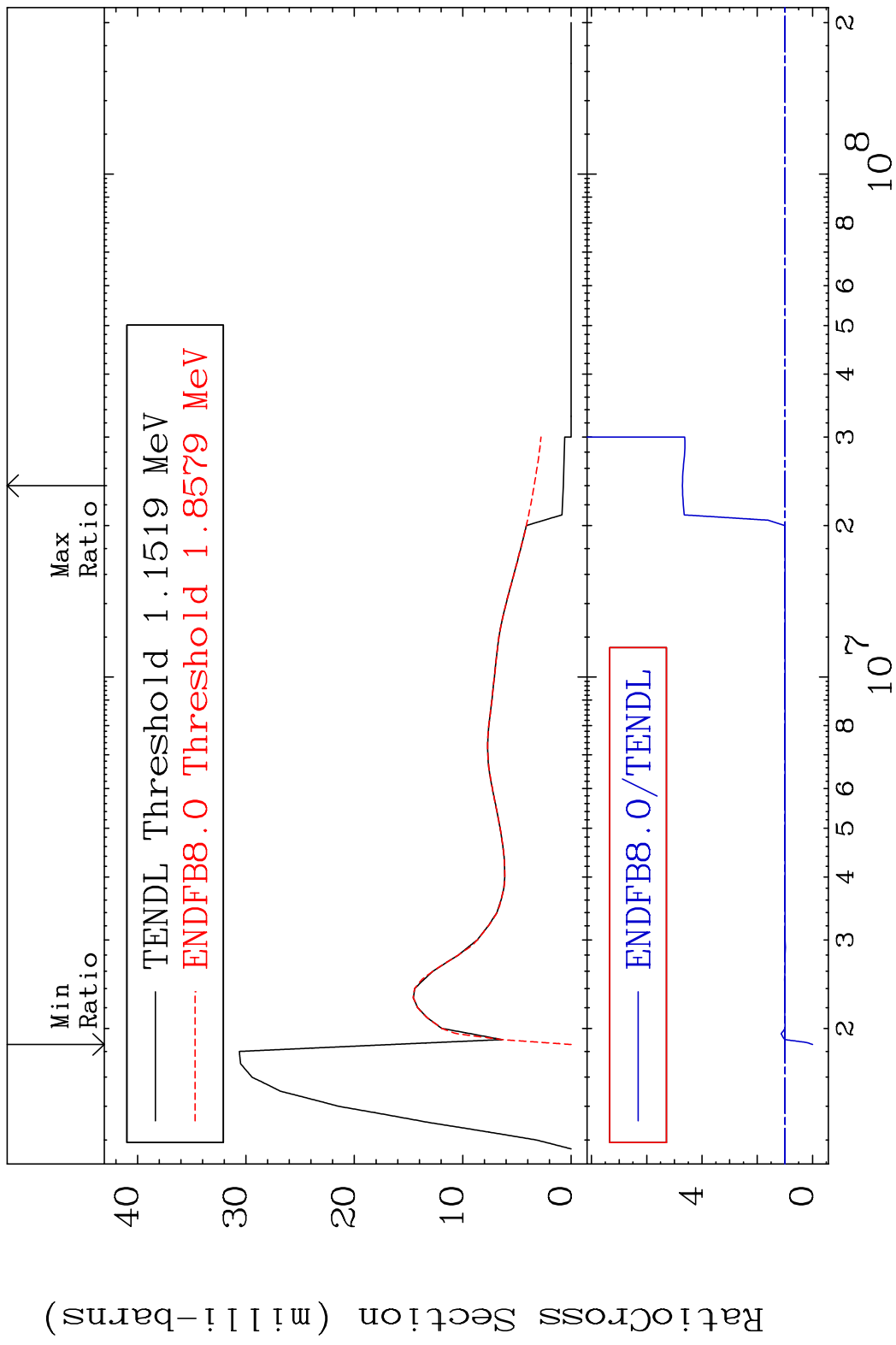
MAT 9231 MT= 75 (n,n') Level 92-U -236  
 Cross Section -100.0 To 9999. %



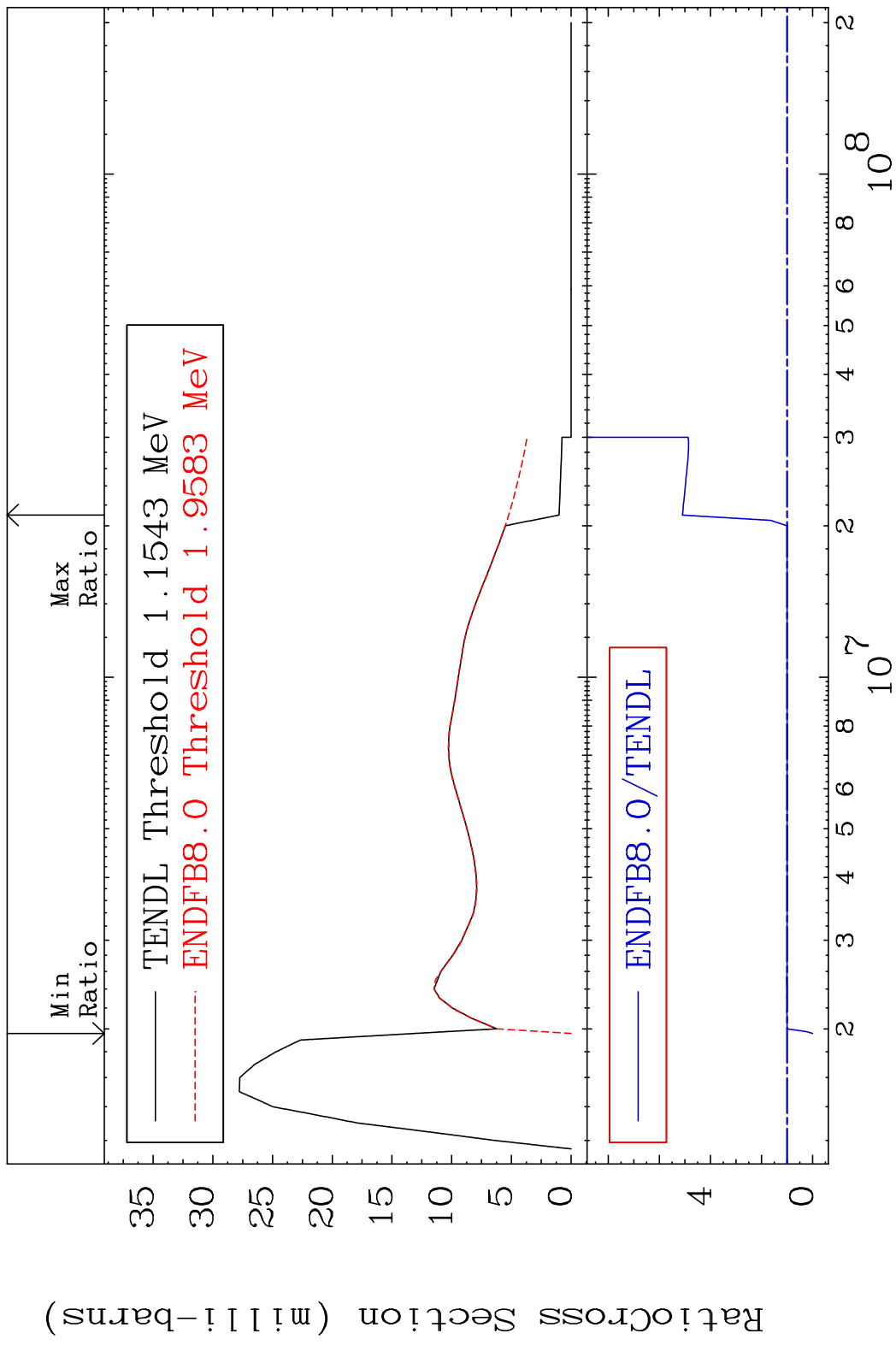
MAT 9231 MT= 76 (n,n') Level 92-U -236  
 Cross Section -100.0 To 9999. %



MAT 9231 MT= 77 (n, n') Level 92-U -236  
 Cross Section -100.0 To 371.2 %

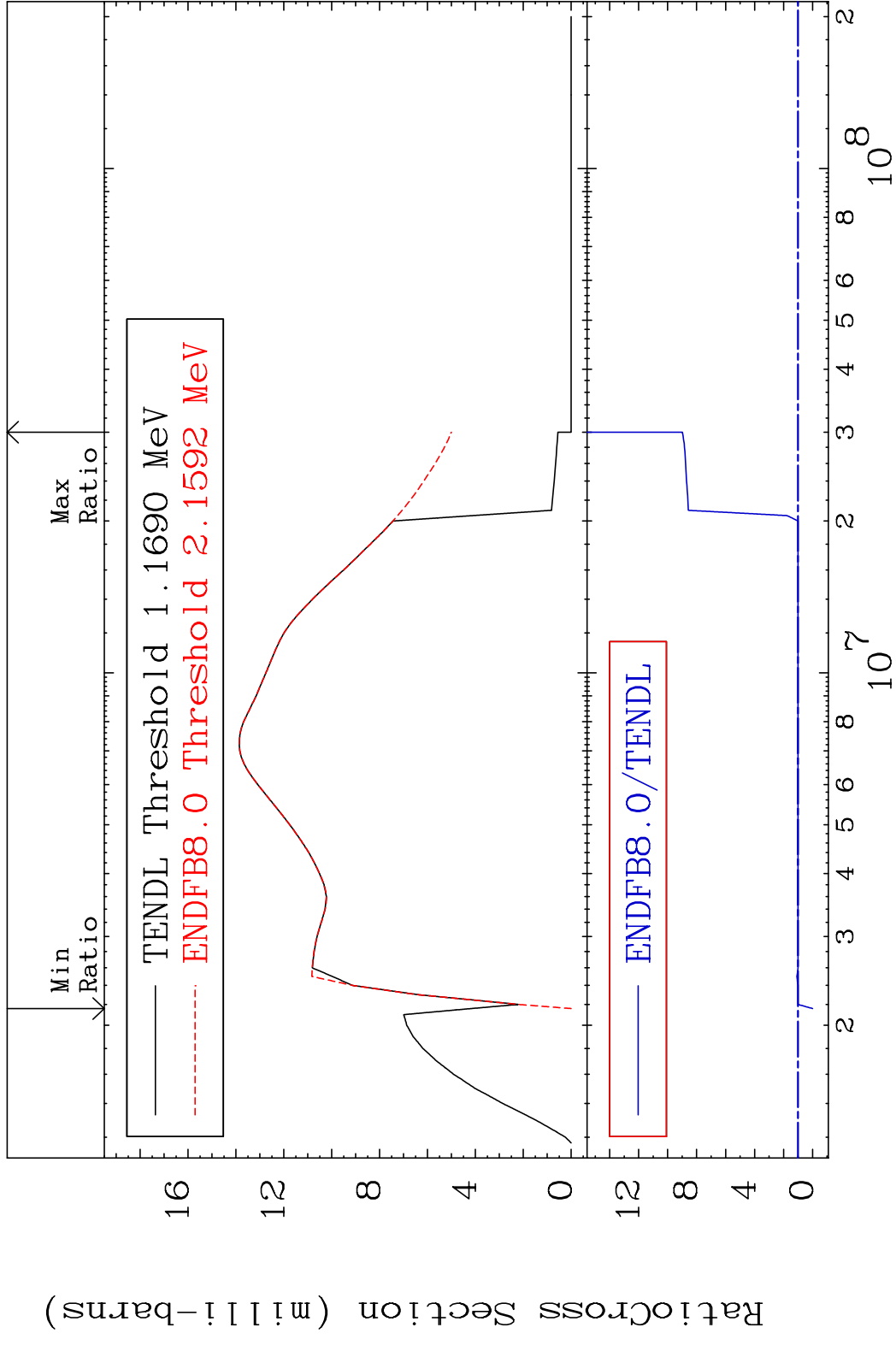


MAT 9231 MT= 78 (n, n') Level 92-U -236  
 Cross Section -100.0 To 409.6 %



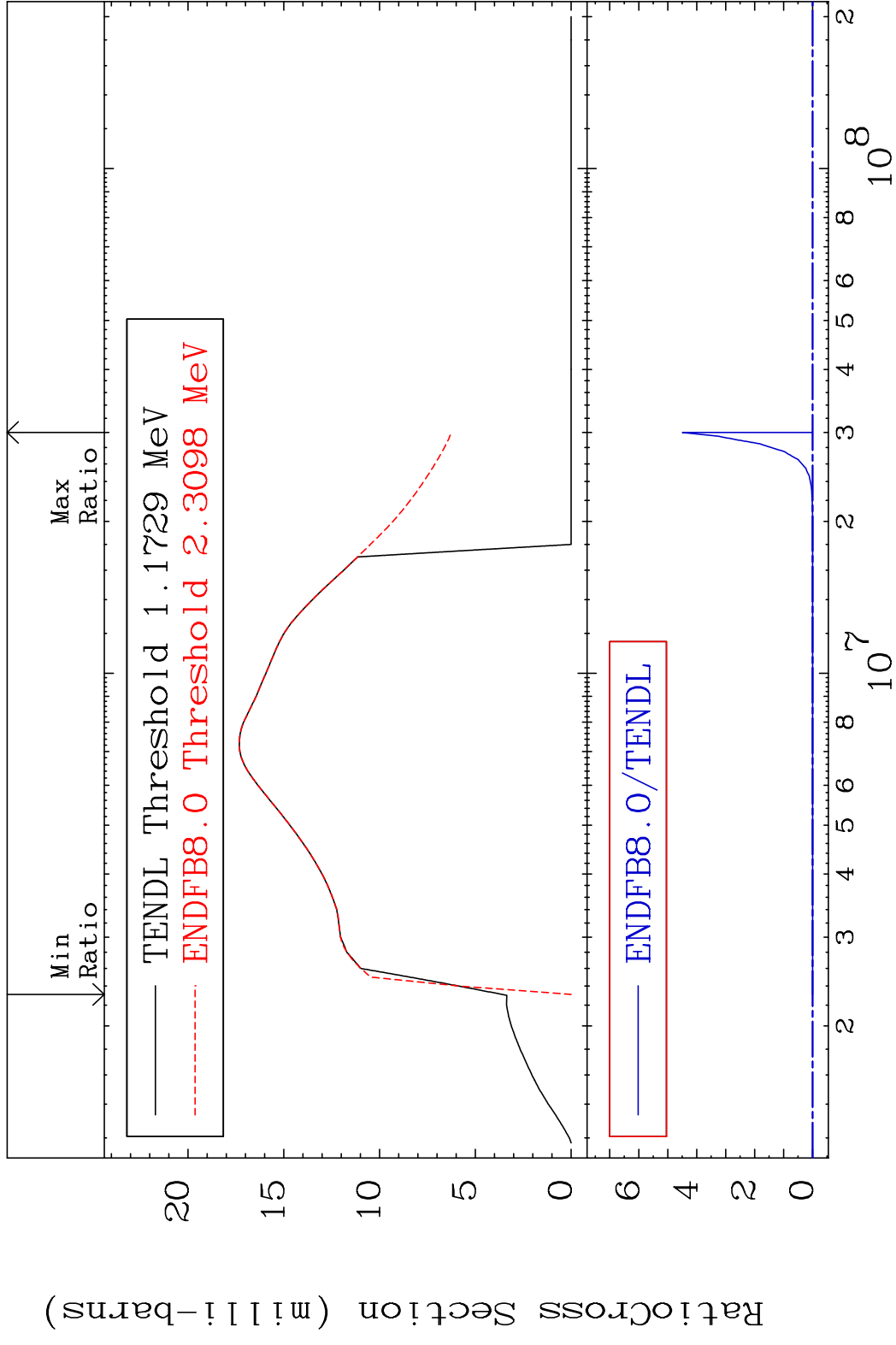


MAT 9231 MT= 79 (n, n') Level 92-U -236  
 Cross Section -100.0 To 798.6 %



40 Incident Energy (eV) 92-U -236

MAT 9231 MT= 80 (n, n') Level 92-U -236  
 Cross Section -100.0 To 9999. %

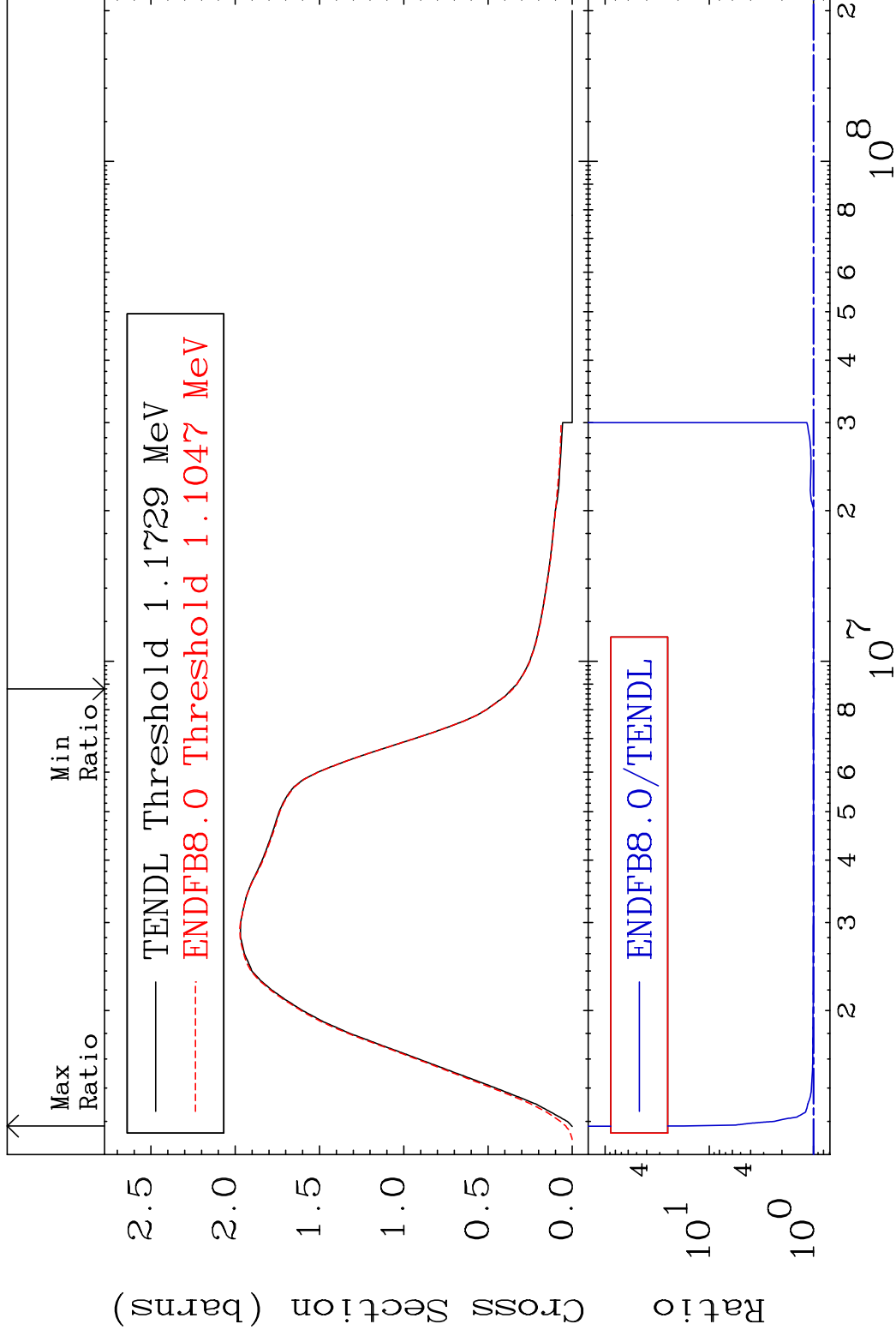


MAT 9231

(n, n') Continuum

92-U -236

Cross Section -1.585 To 1663. %



42

Incident Energy (eV)

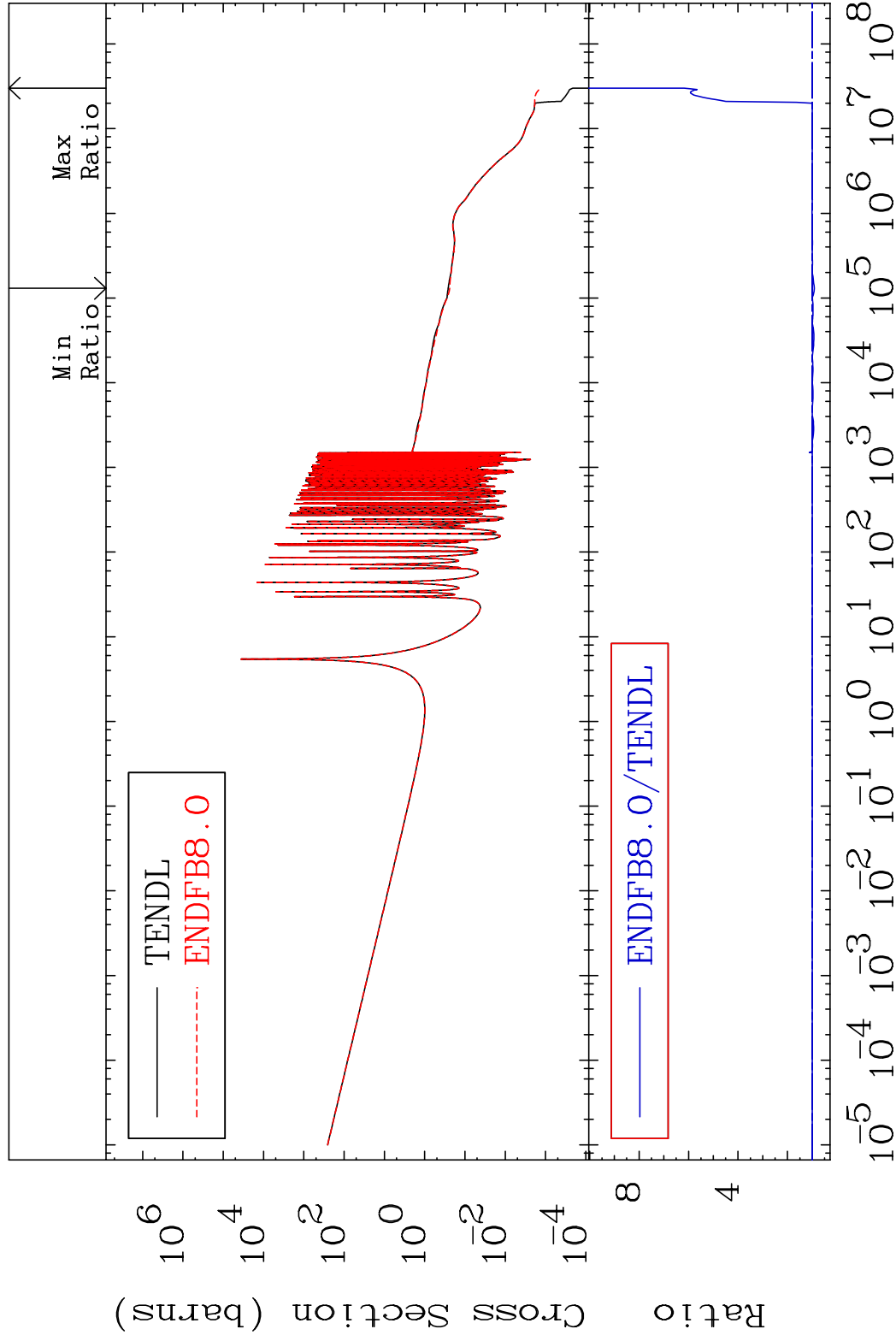
92-U -236

MAT 9231

(n,  $\gamma$ )

92-U -236

Cross Section -8.226 To 518.2 %

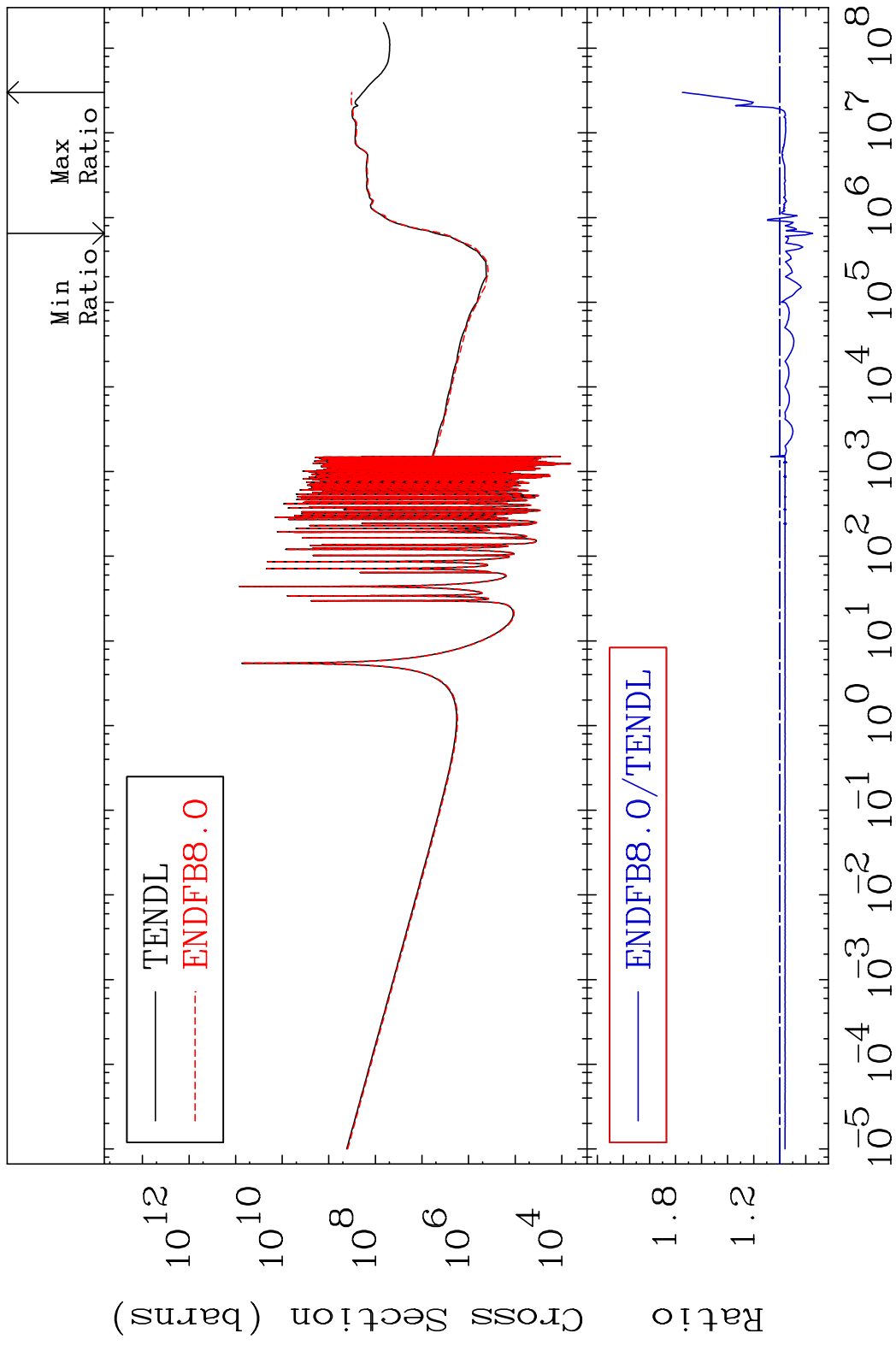


43

Incident Energy (eV)

92-U -236

MAT 9231 Kerma total (eV-barns) 92-U -236  
 Cross Section -25.21 To 74.74 %

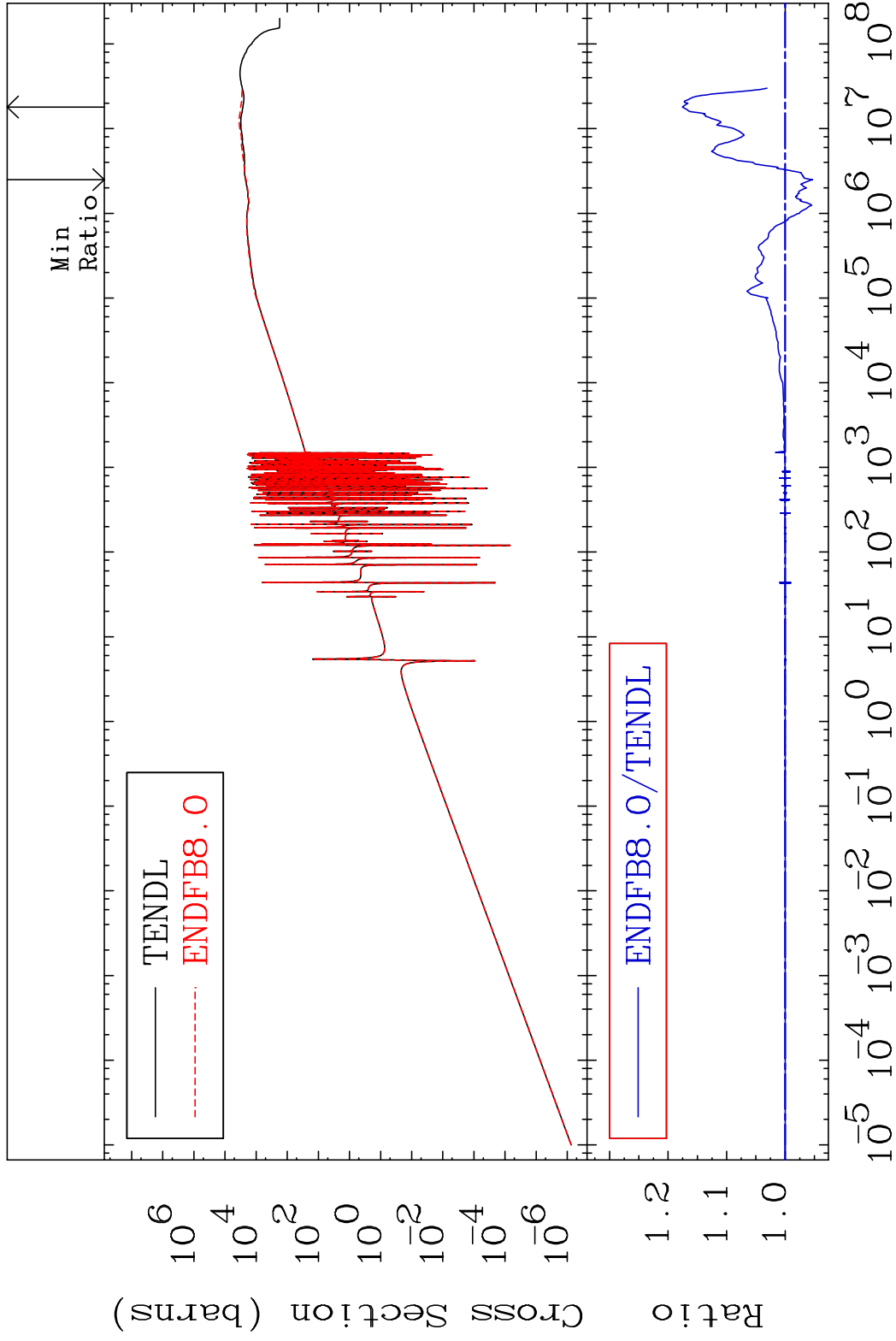


MAT 9231

Kerma elastic

92-U -236

Cross Section -4.6886 To 17.56 %

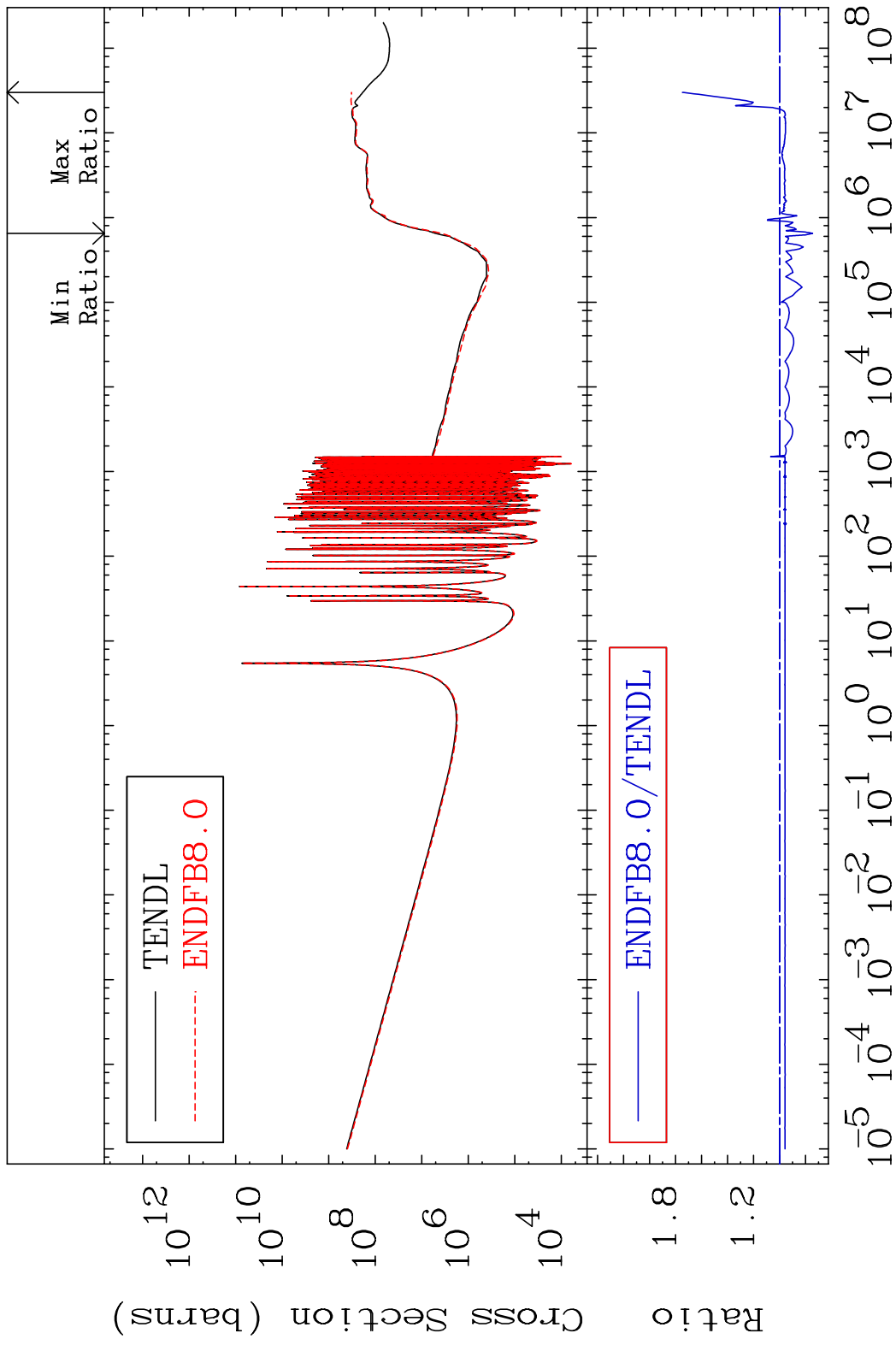


45

Incident Energy (eV)

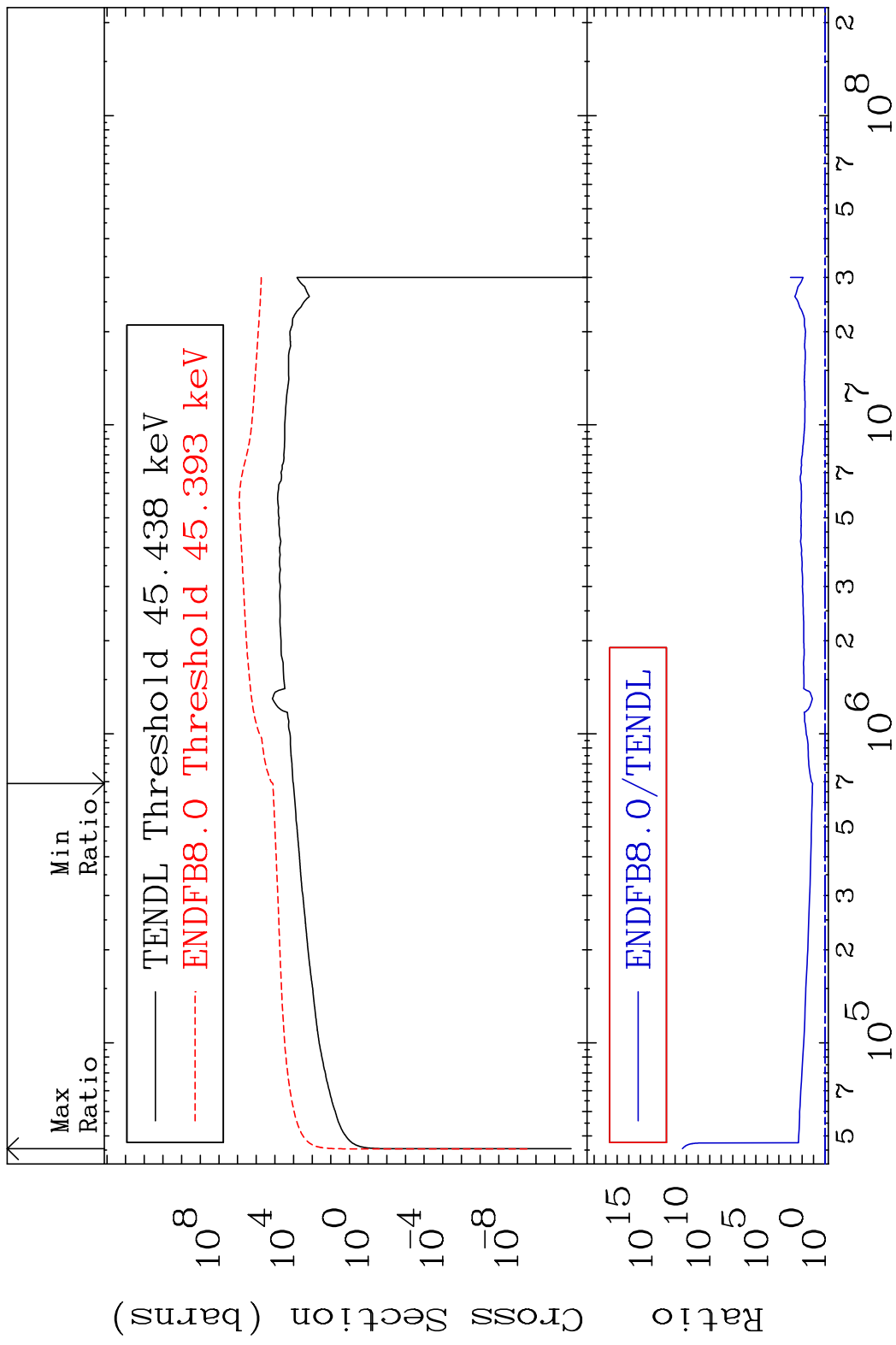
92-U -236

MAT 9231 Kerma non-elastic (all but mt2) 92-U -236  
 Cross Section -25.32 To 74.75 %



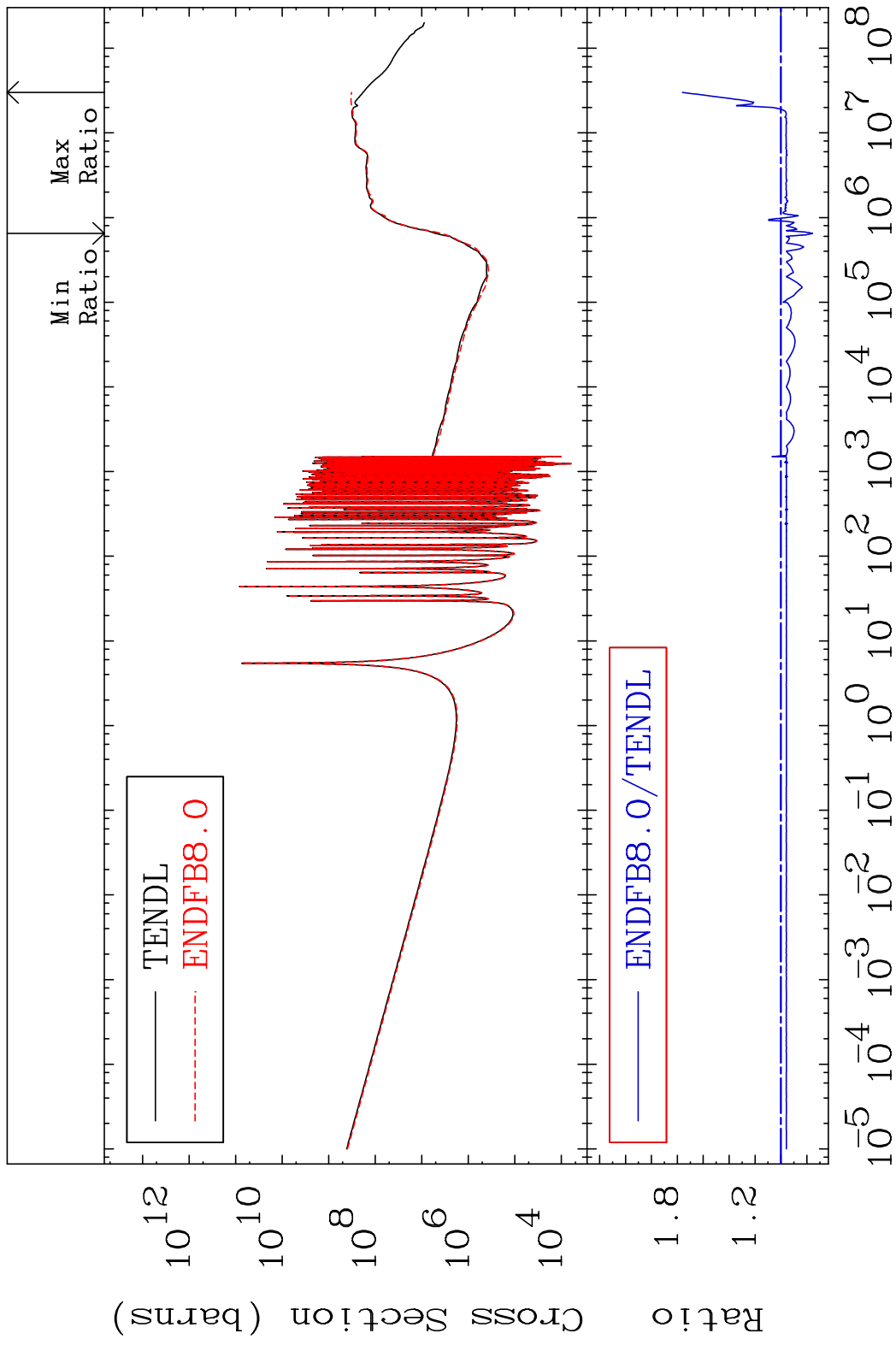
46 Incident Energy (eV) 92-U -236

MAT 9231 Kerma inelastic (mt51-91) 92-U -236  
 Cross Section 1132. To 9999. %



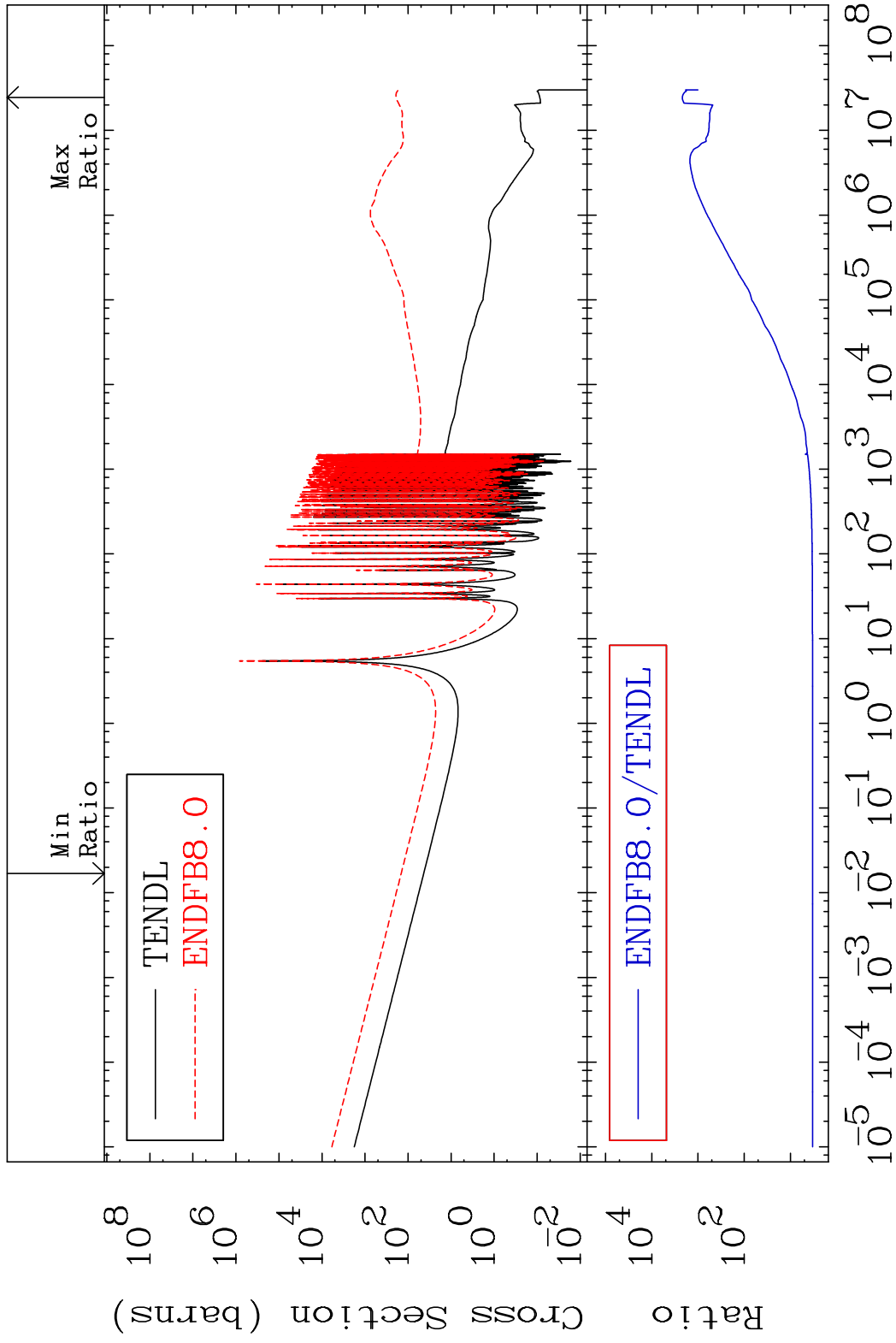


MAT 9231 Kerma fission (mt18 or mt19-20-21-38)92-U -236  
 Cross Section -24.41 To 76.11 %



MAT 9231

Kerma capture (mt102) 92-U -236  
Cross Section 233.2 To 9999. %

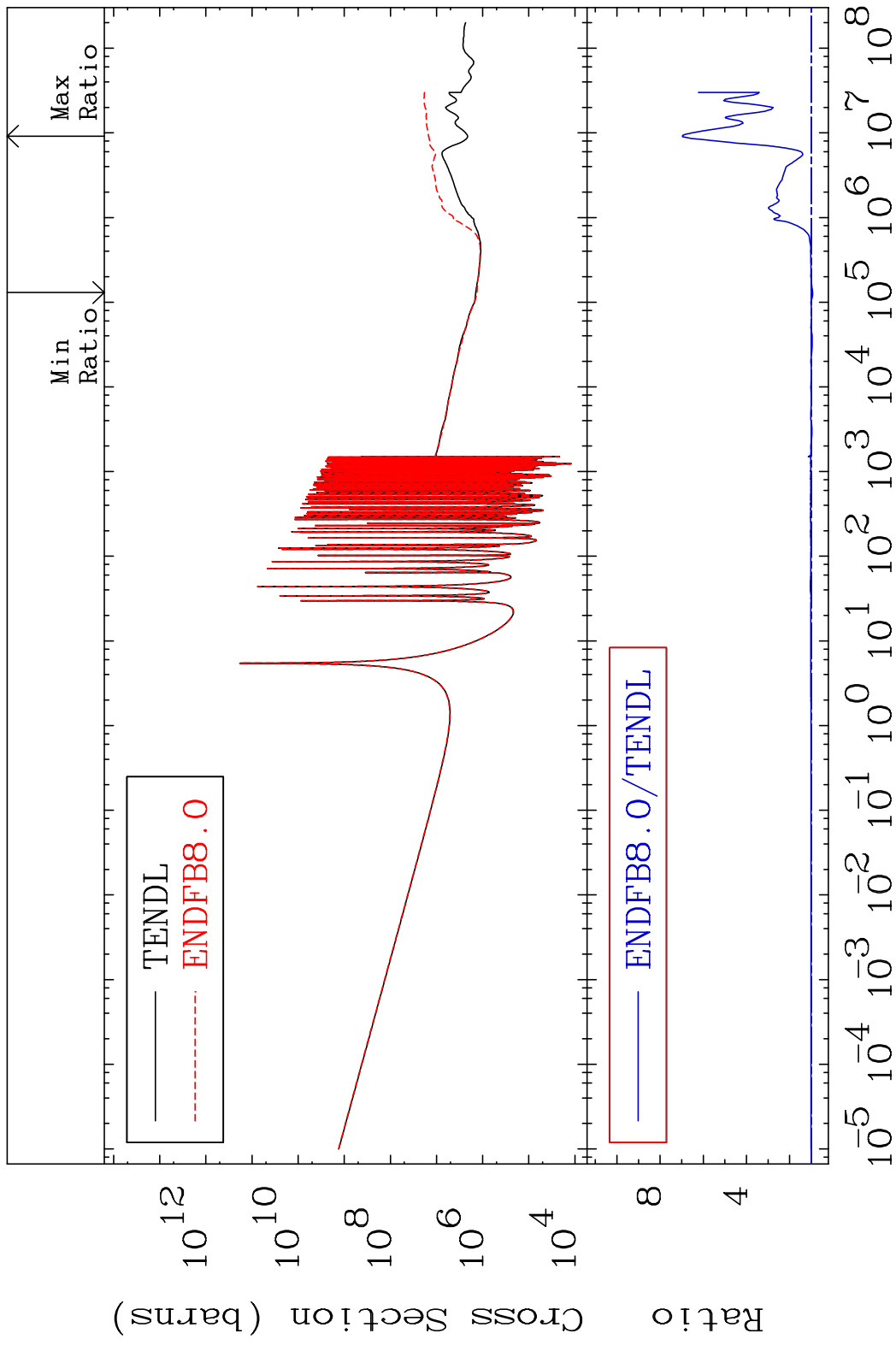


49

Incident Energy (eV)

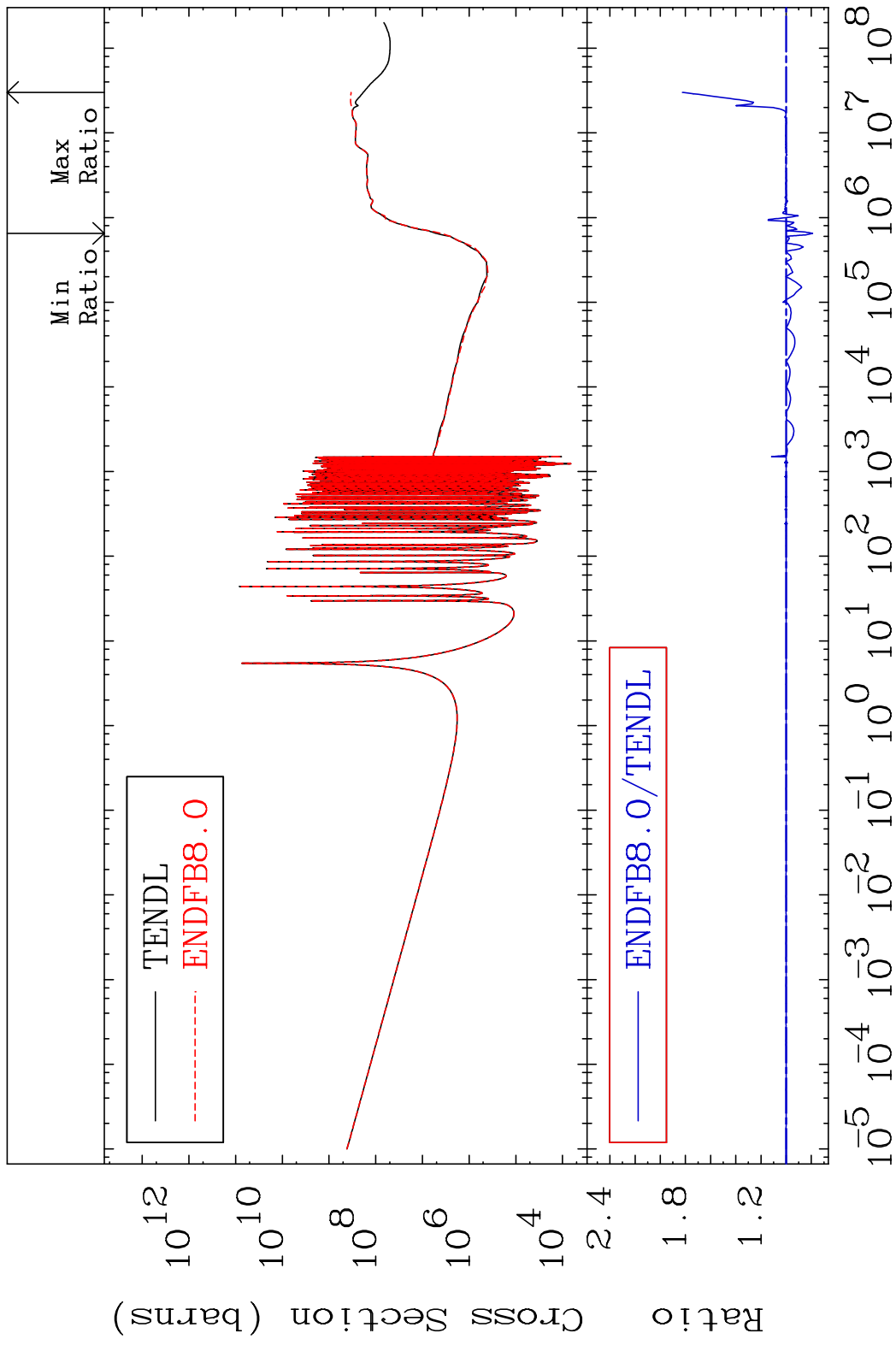
92-U -236

MAT 9231 Total photon (eV-barns) 92-U -236  
 Cross Section -6.147 To 597.1 %

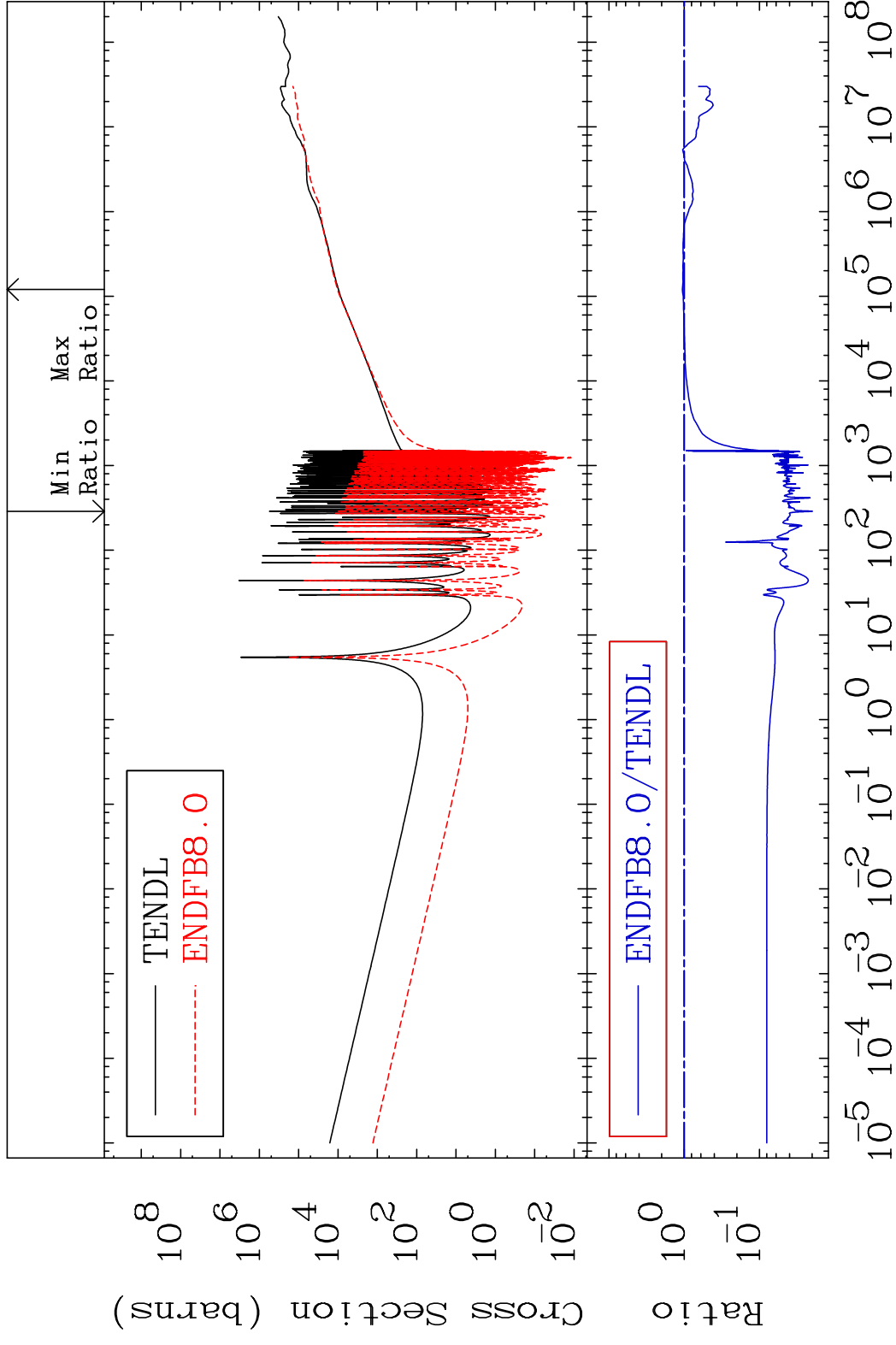


50 Incident Energy (eV) 92-U -236

MAT 9231 Total kinematic kerma (high limit) 92-U -236  
 Cross Section -20.99 To 82.46 %



MAT 9231      Dpa total (eV-barns)      92-U -236  
 Cross Section      -98.03 To 6.028 %

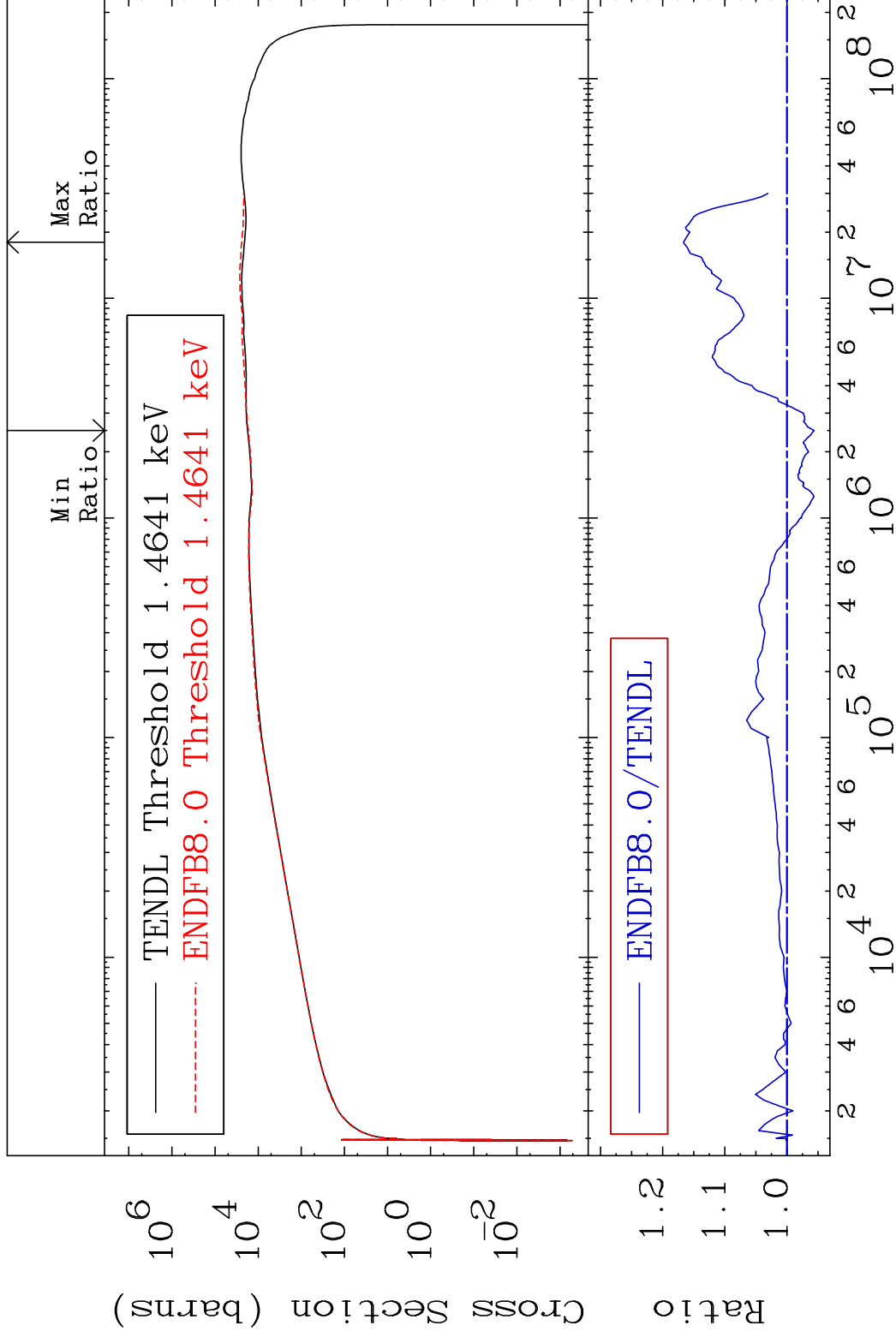


MAT 9231

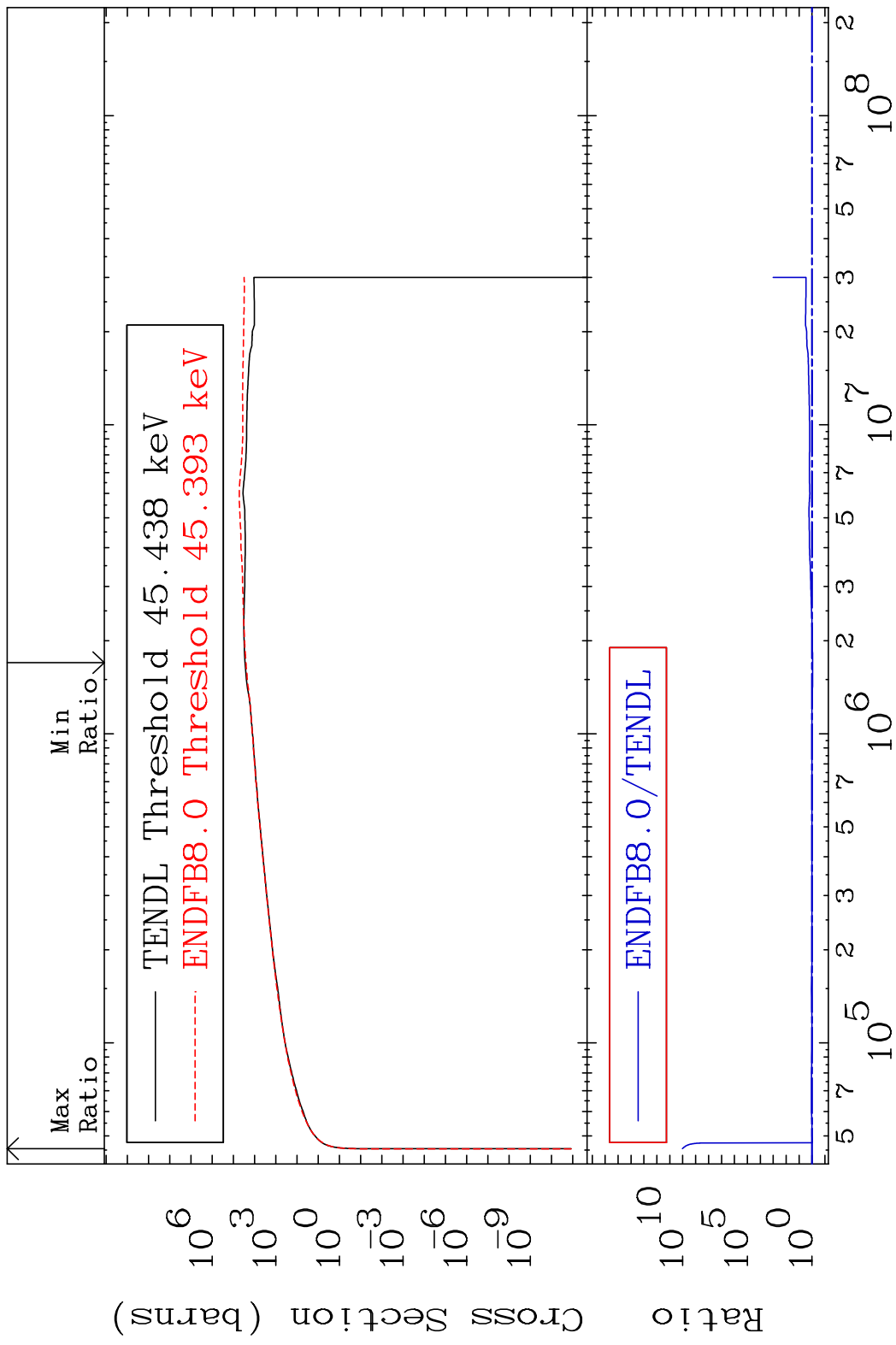
Dpa elastic (mt2)

92-U -236

Cross Section -4.379 To 16.61 %



MAT 9231 Dpa inelastic (mt51-91) 92-U -236  
 Cross Section -9.490 To 9999. %



MAT 9231 Dpa disappearance (mt102 -120) 92-U -236  
 Cross Section -99.96 To 403.7 %

