

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

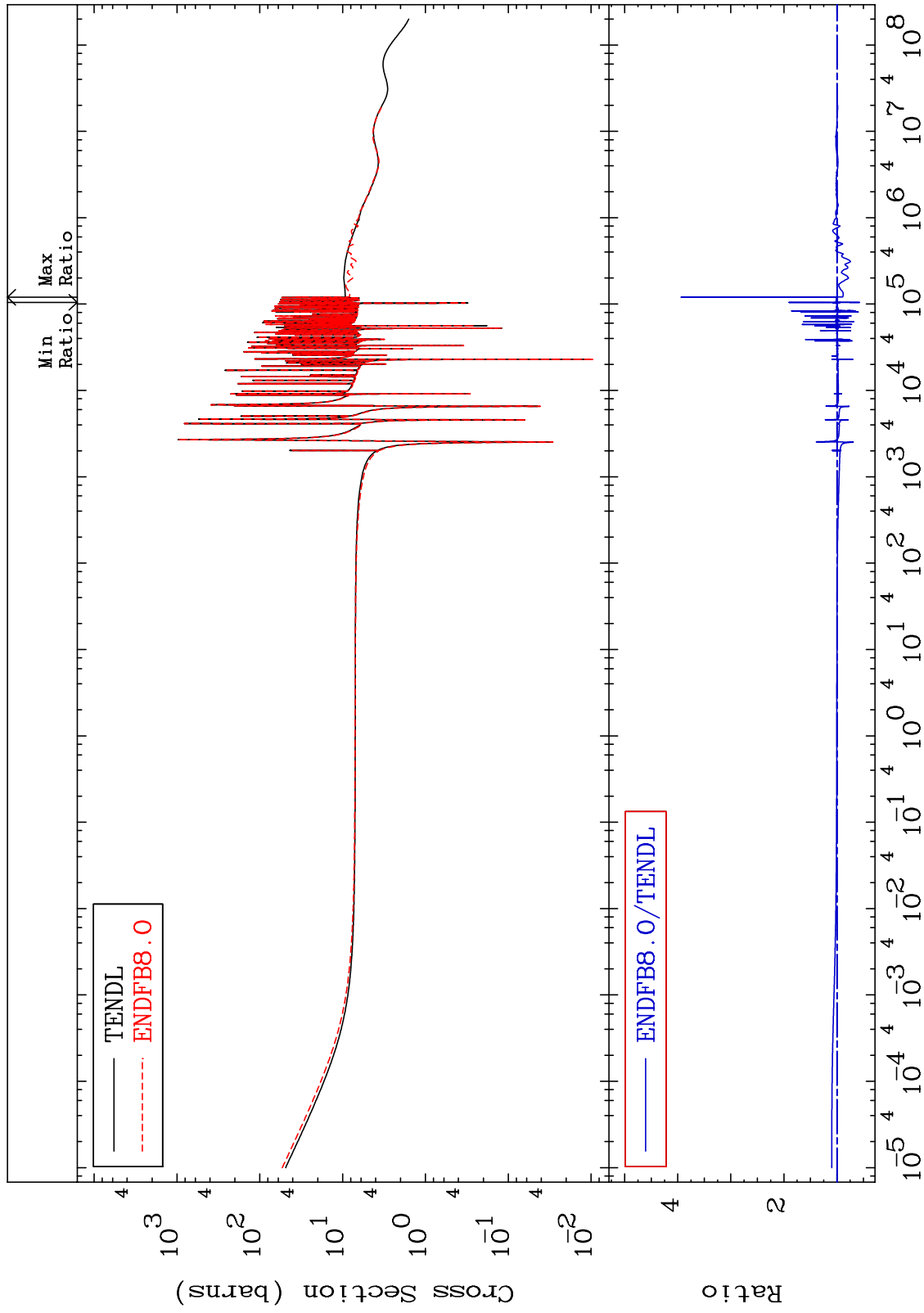
MAT 4031

Total

40-Zr-92

Cross Section

-43.02 To 293.4 %



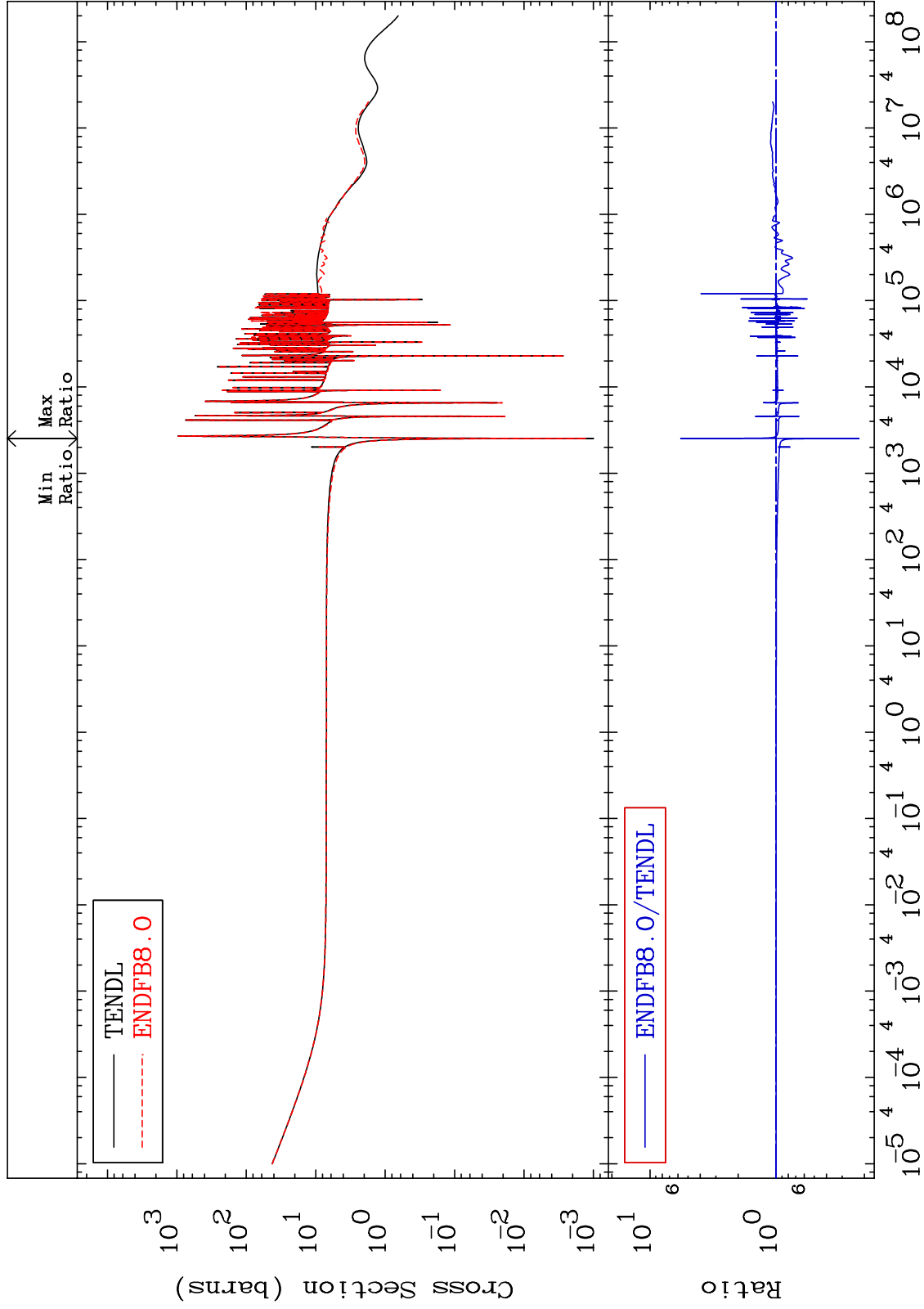
Incident Energy (eV)

40-Zr-92

MAT 4031

Elastic  
Cross Section

40-Zr-92  
-77.94 To 471.3 %

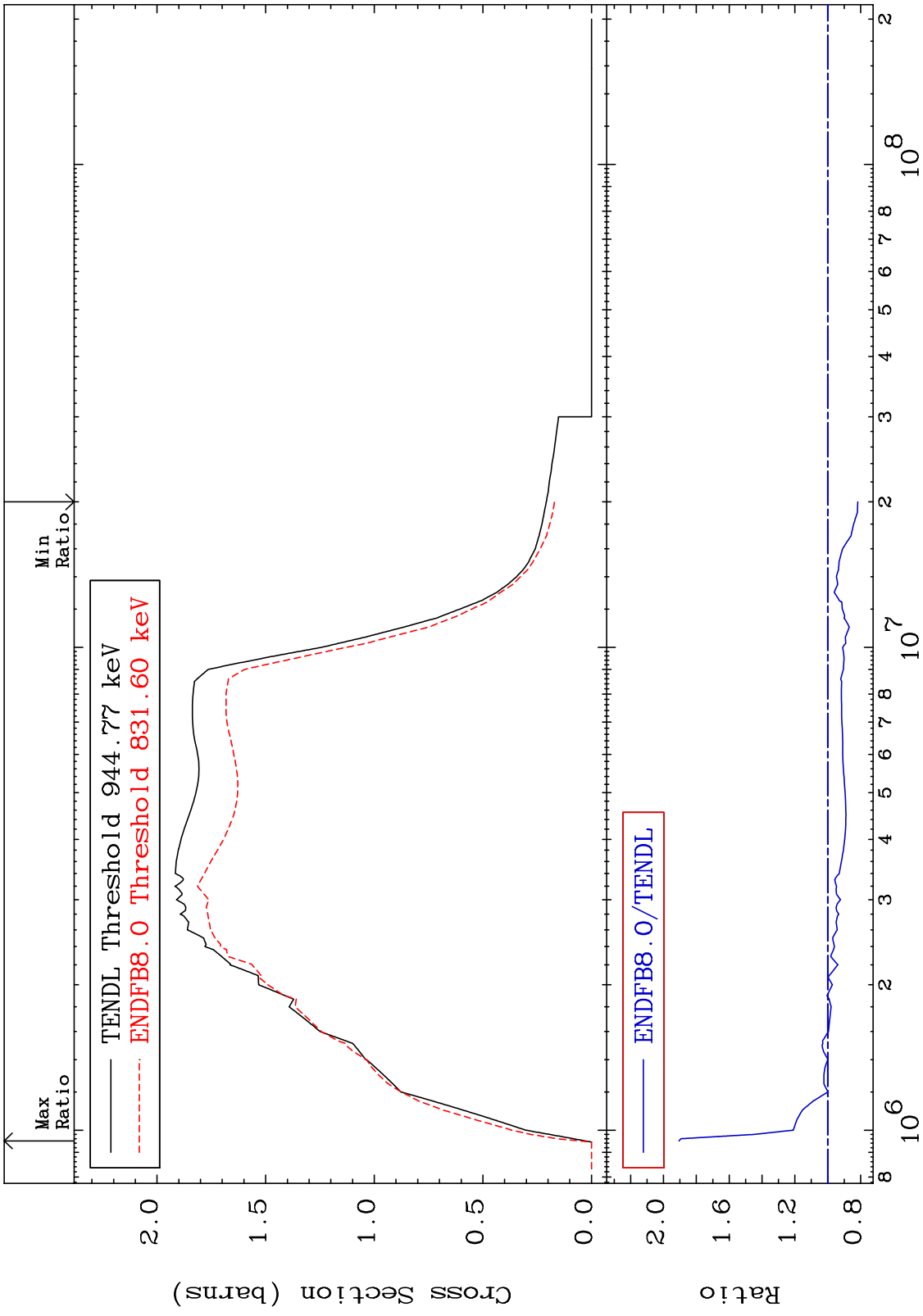


2

Incident Energy (eV)

40-Zr-92

MAT 4031 Inelastic Cross Section 40-Zr-92 -18.32 To 90.52 %



3 Incident Energy (eV) 40-Zr-92 2

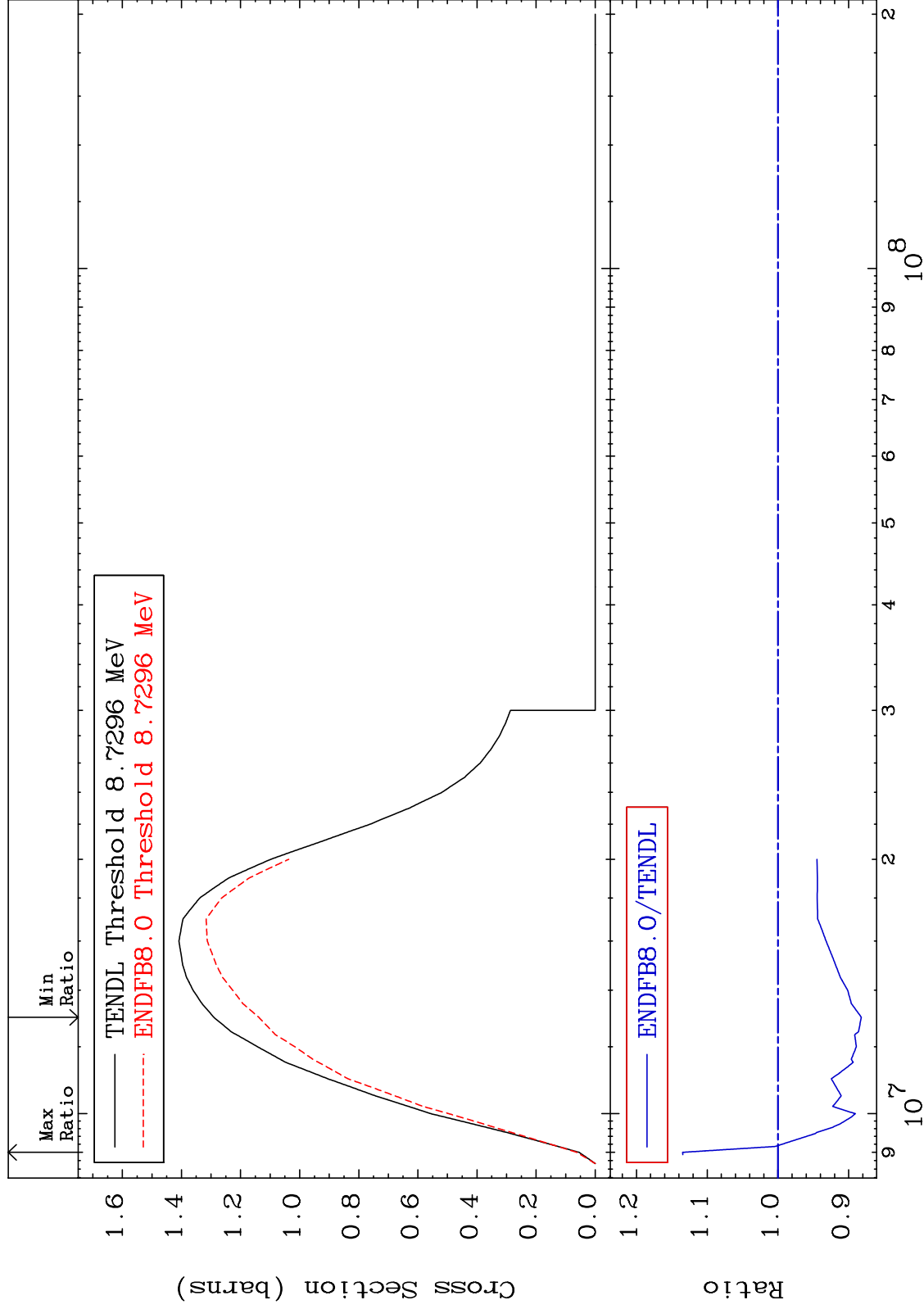
MAT 4031

(n,2n)

40-Zr-92

Cross Section

-11.78 To 13.47 %

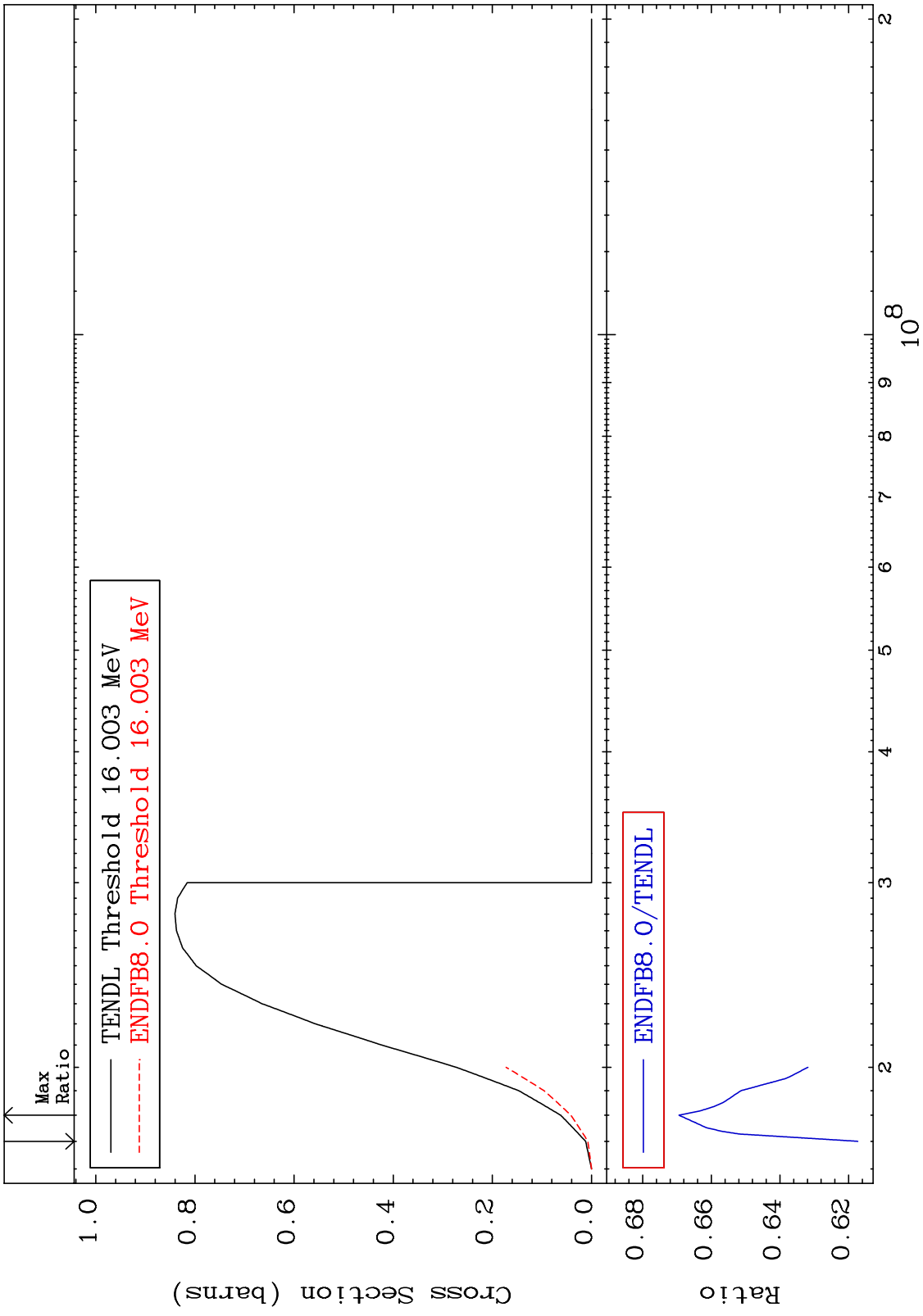


4

Incident Energy (eV)

40-Zr-92

MAT 4031 (n,3n) Cross Section 40-Zr-92 -38.27 To -33.06%



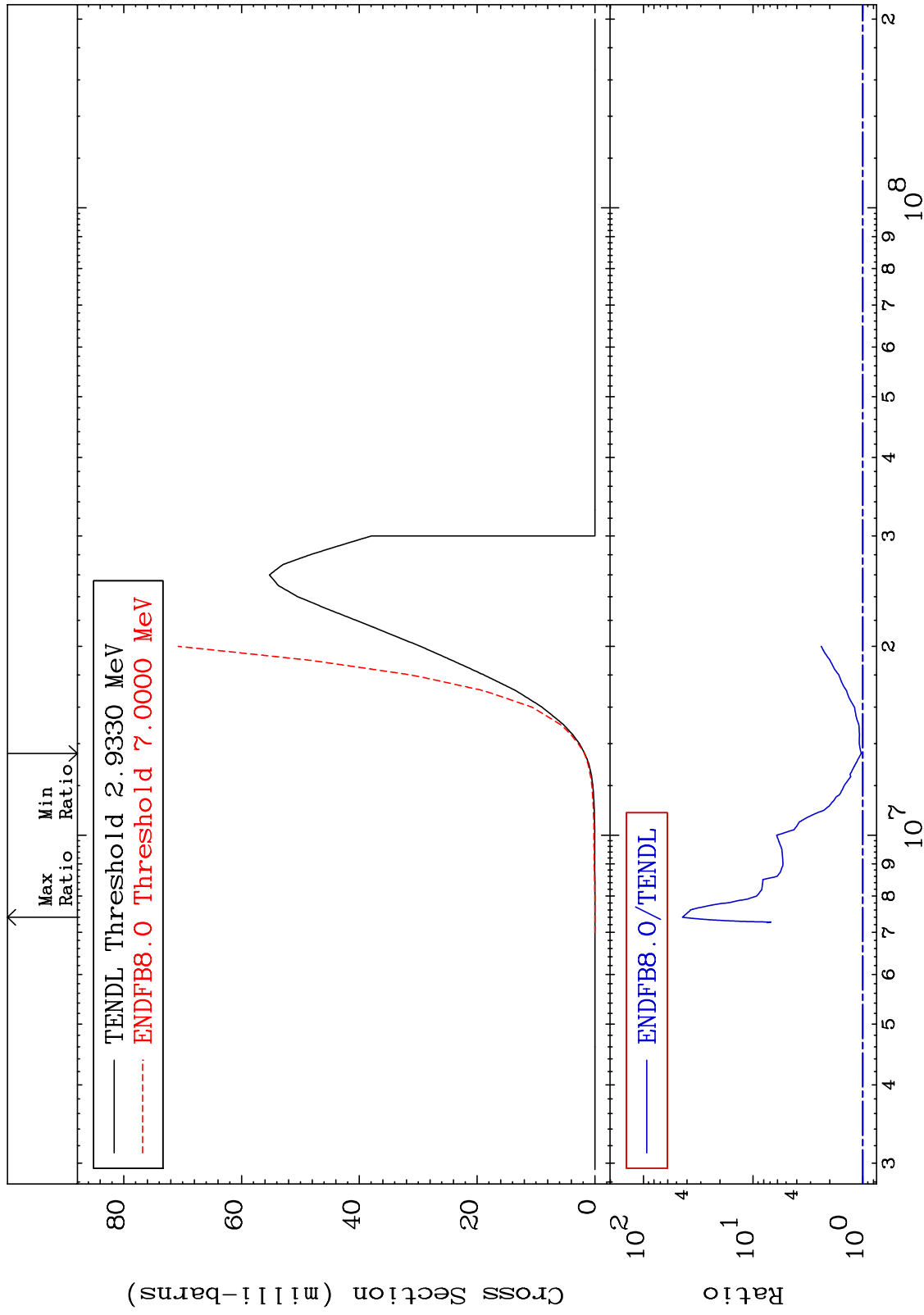
MAT 4031

(n,n')  $\alpha$

40-Zr-92

Cross Section

3.191 To 4306. %

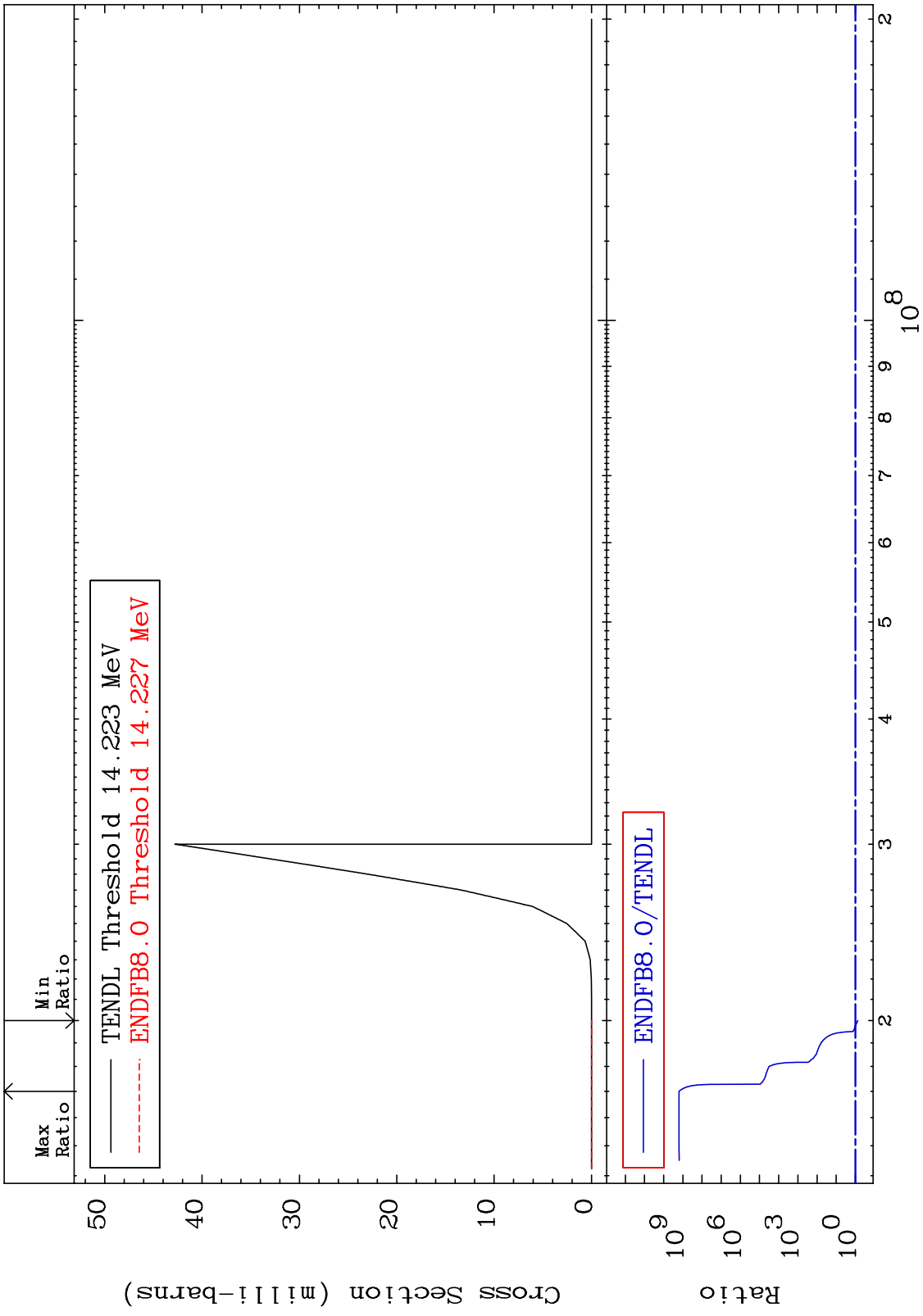


6

Incident Energy (eV)

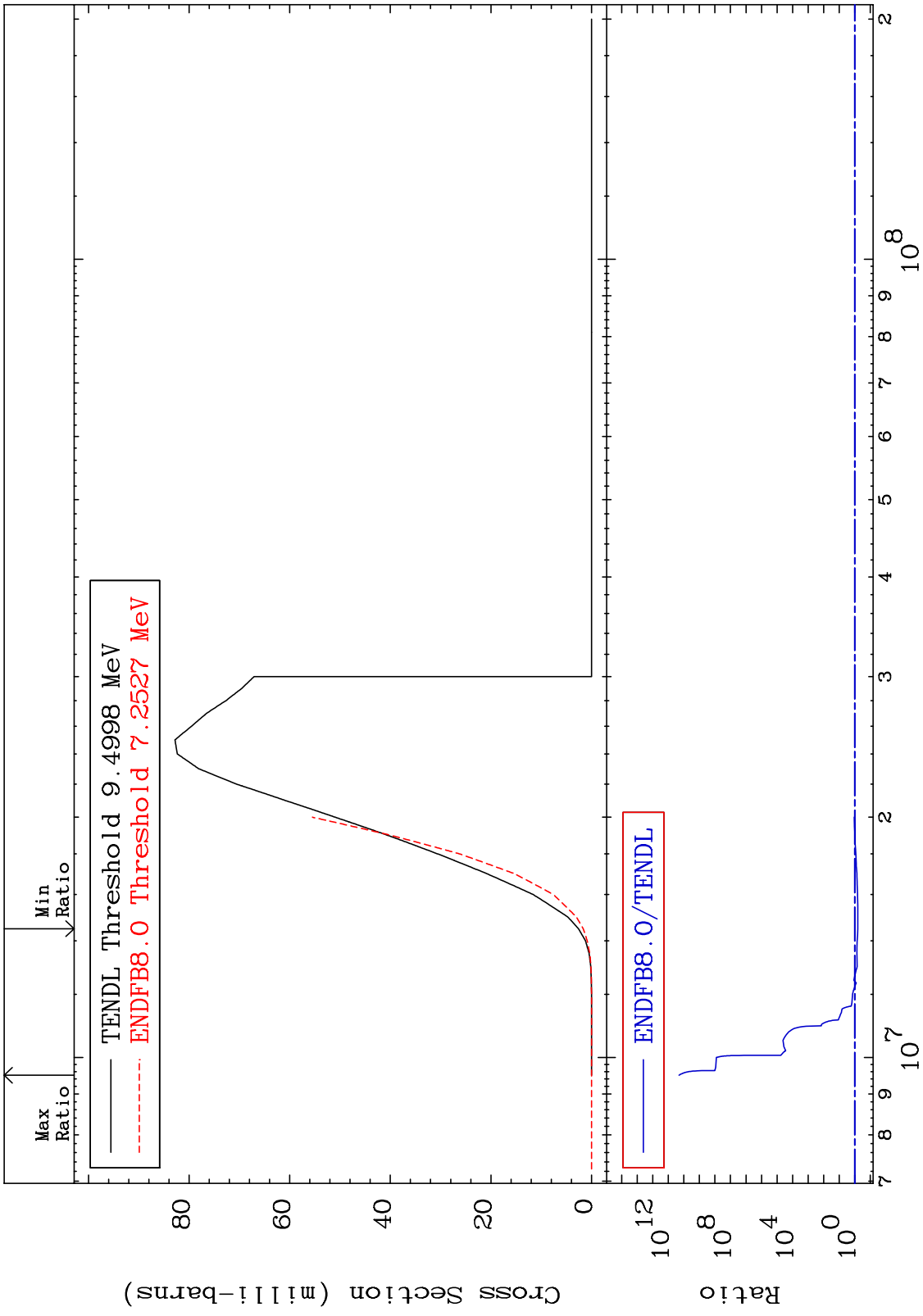
40-Zr-92

MAT 4031 (n,2n)  $\alpha$  40-Zr-92  
 Cross Section -25.72 To 9999. %



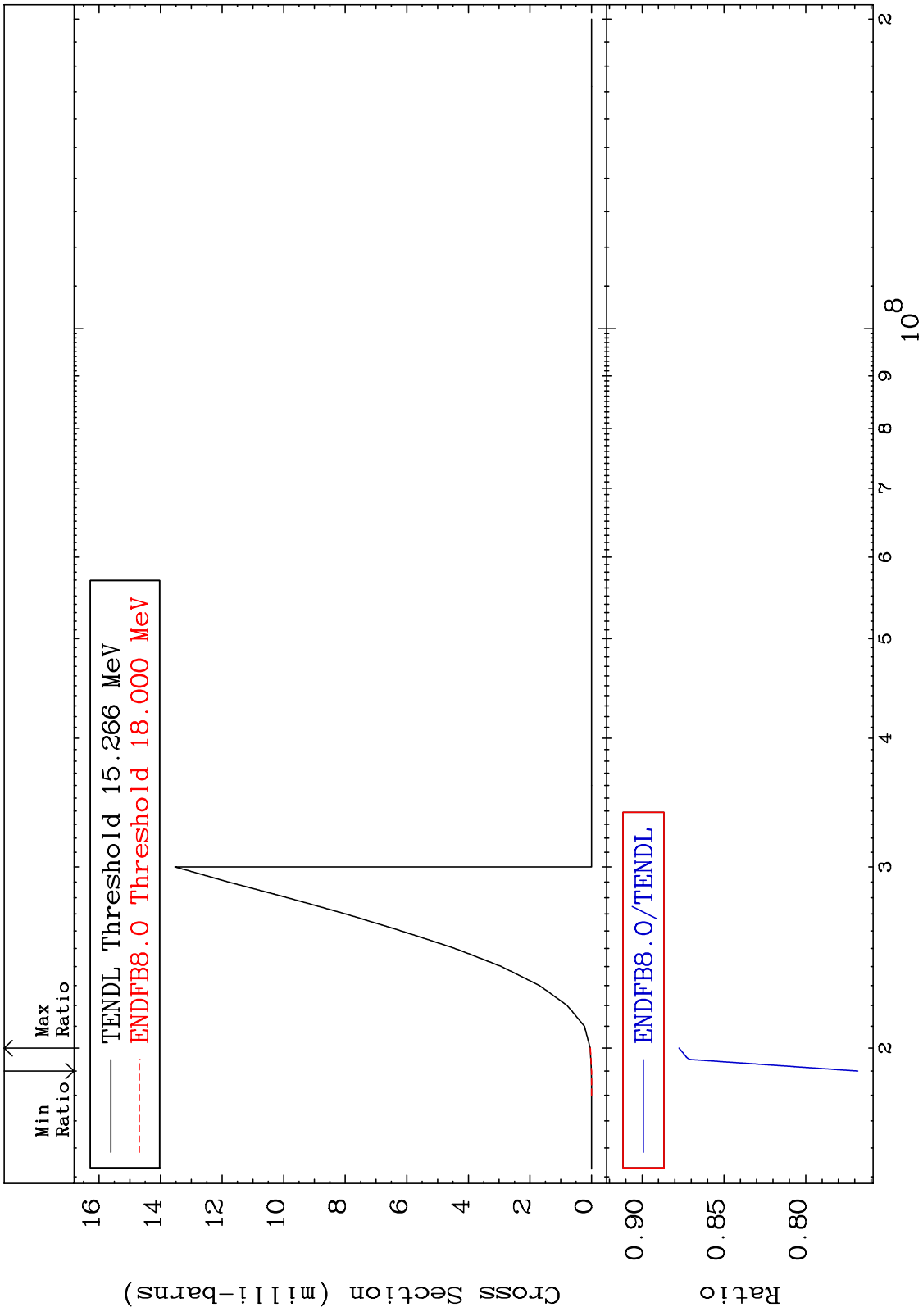


MAT 4031 (n,n') p 40-Zr-92  
 Cross Section -36.32 To 9999. %



8 Incident Energy (eV) 40-Zr-92

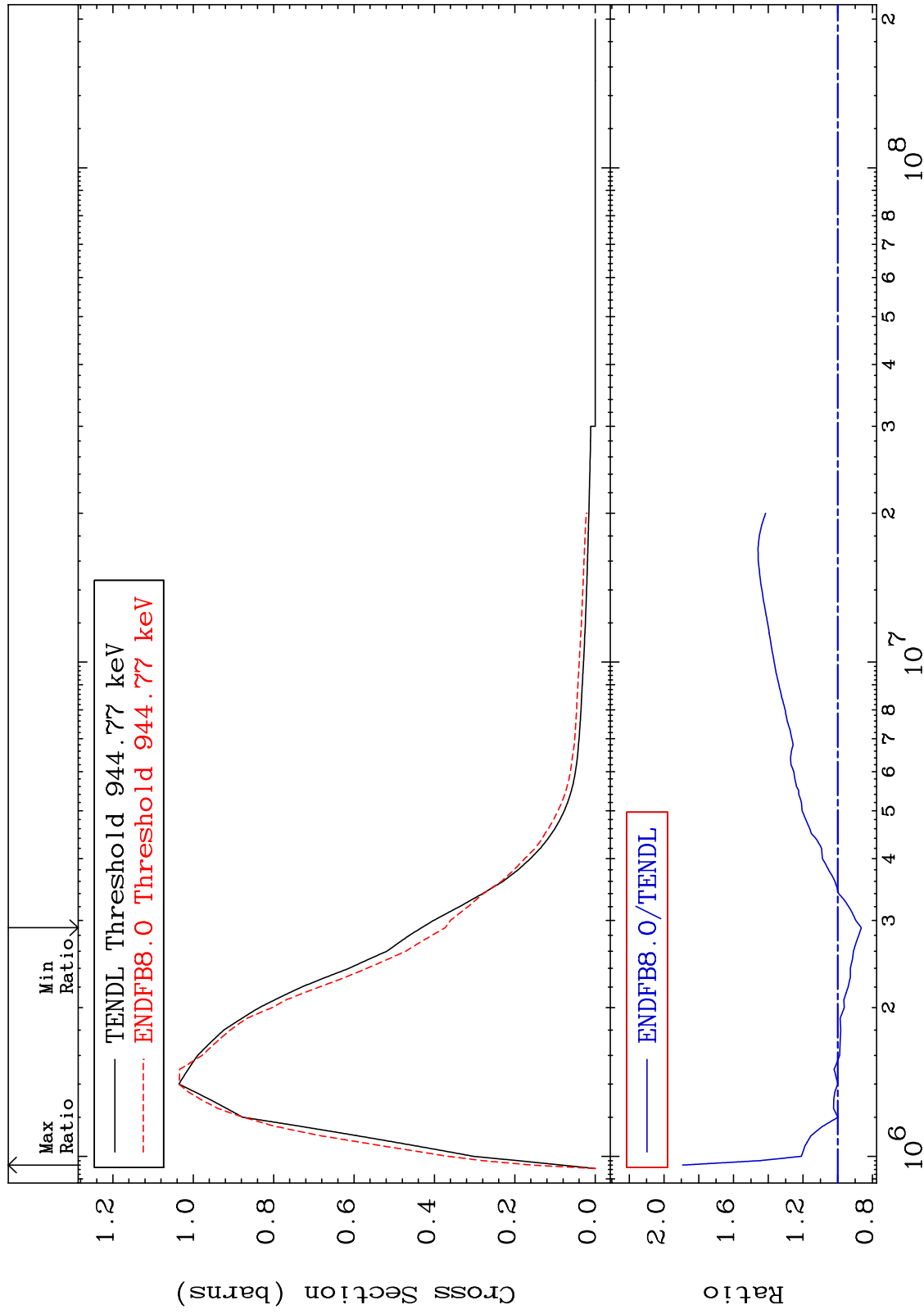
MAT 4031 (n, n') d 40-Zr-92  
 Cross Section -23.19 To -12.25%



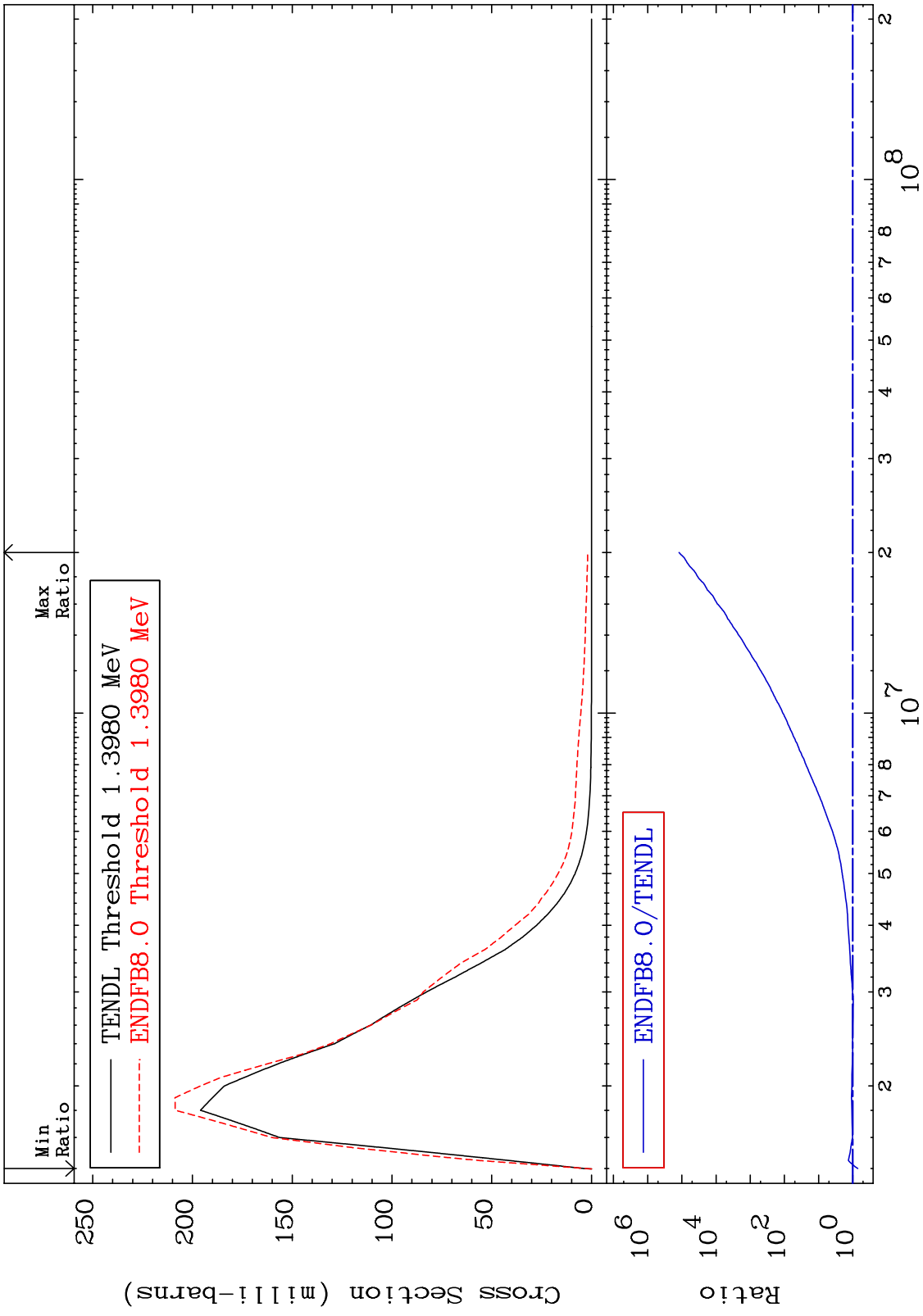
MAT 4031

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

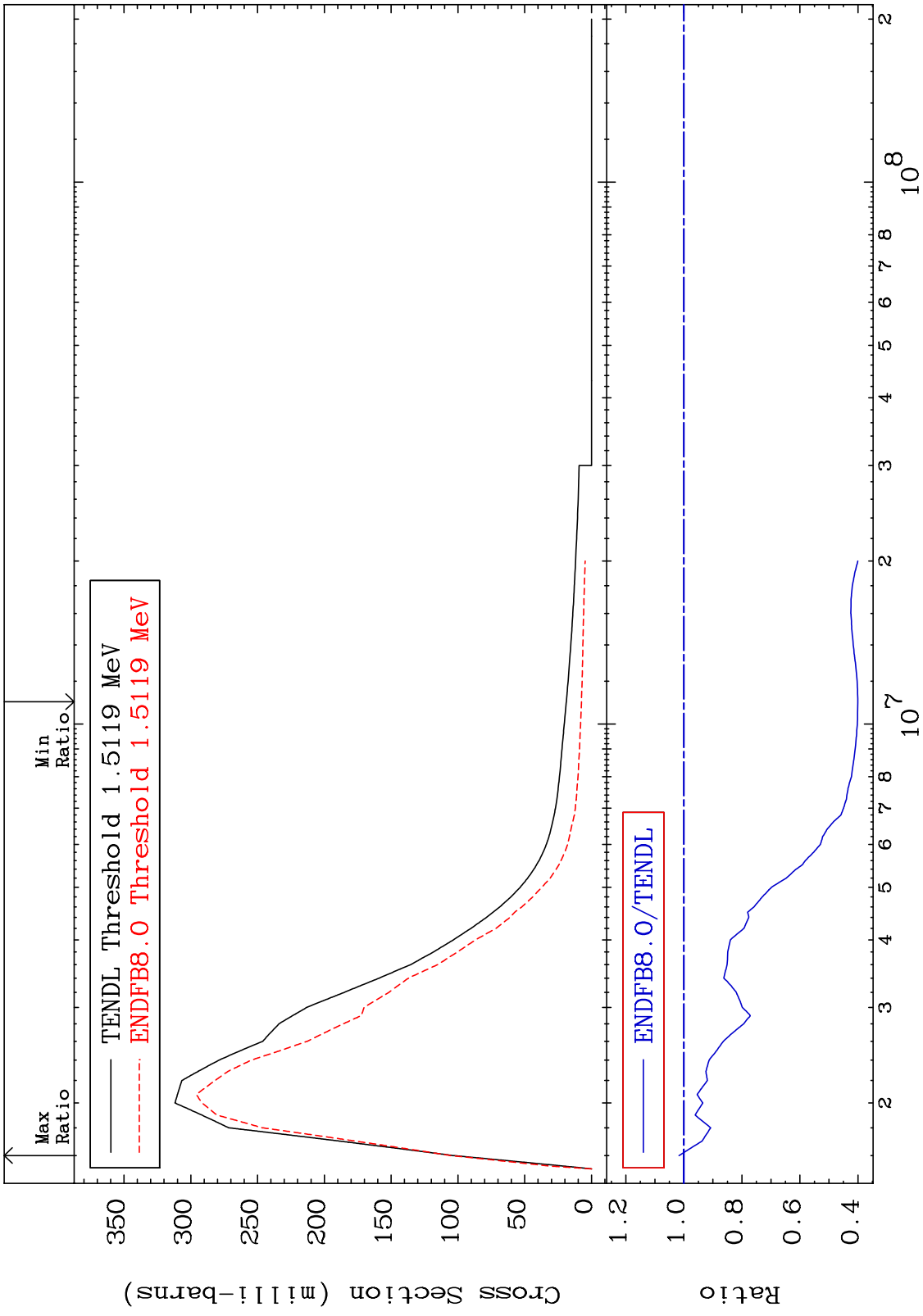
40-Zr-92  
-13.59 To 89.26 %



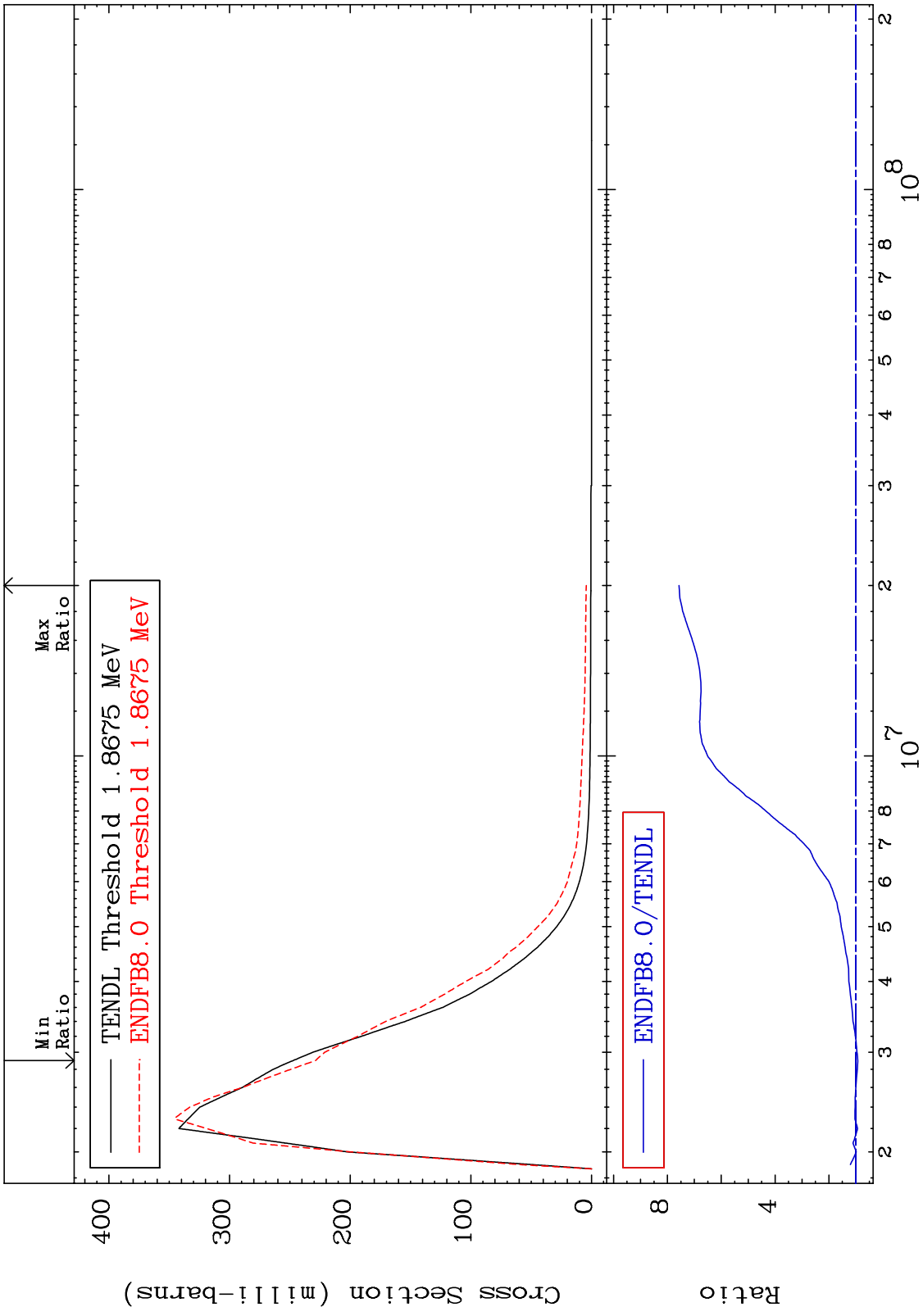
MAT 4031 MT= 52 (n,n') Level Cross Section -28.67 To 9999. % 40-Zr-92



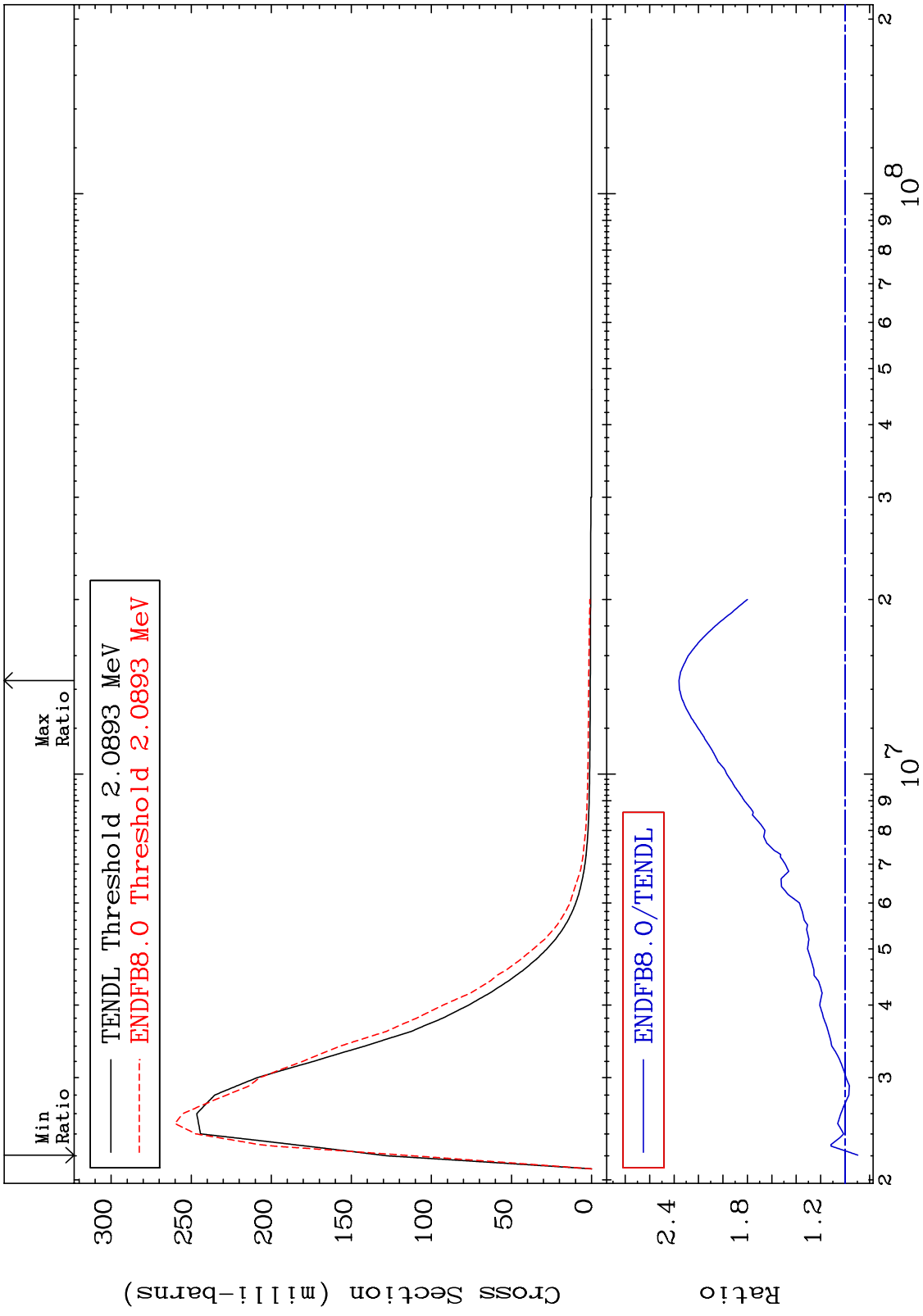
MAT 4031 MT= 53 (n,n') Level Cross Section 40-Zr-92  
 -59.95 To 1.665 %



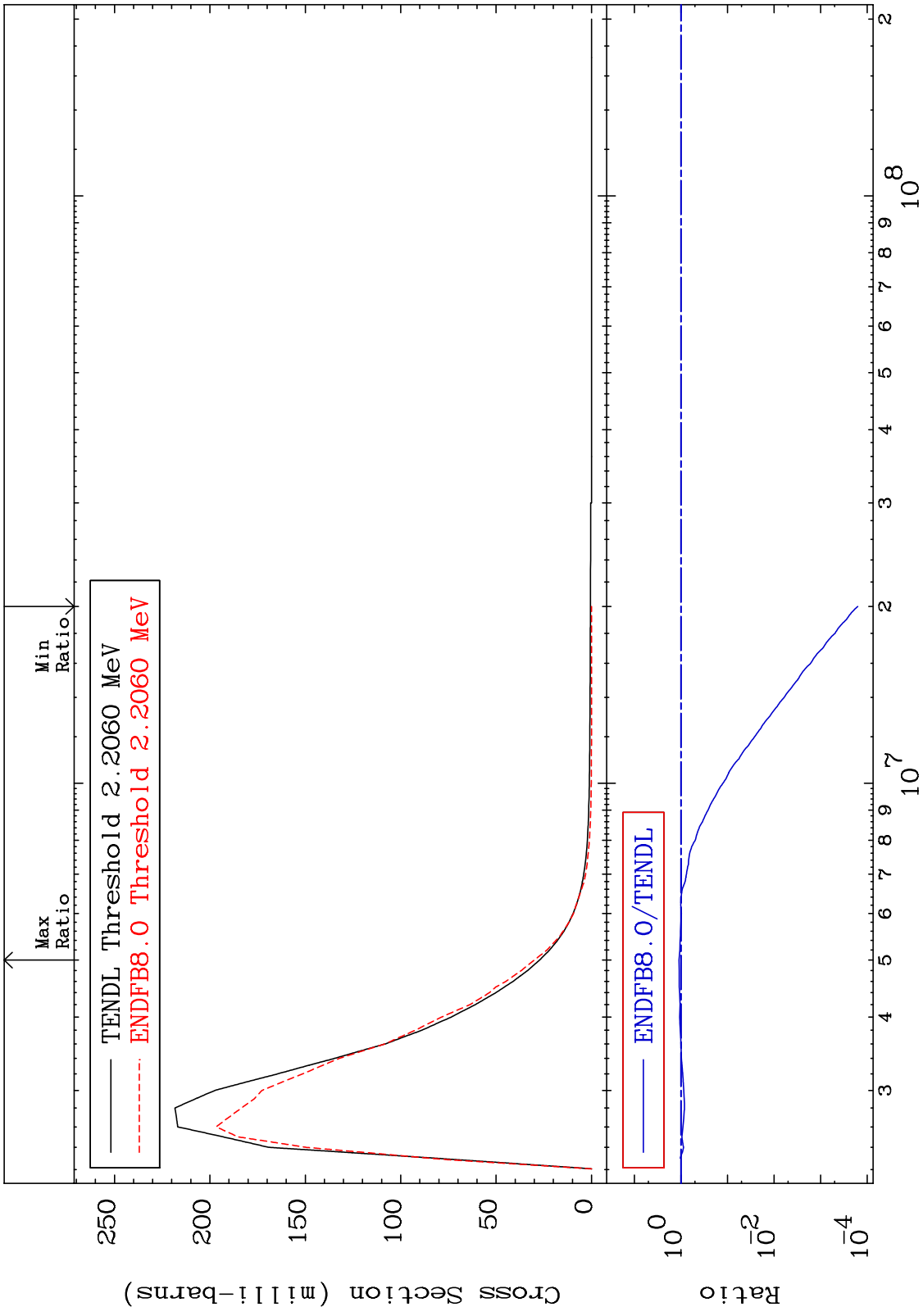
MAT 4031 MT= 54 (n,n') Level Cross Section 40-Zr-92  
 -7.475 To 656.8 %



MAT 4031 MT= 55 (n,n') Level Cross Section -10.44 To 135.9 % 40-Zr-92

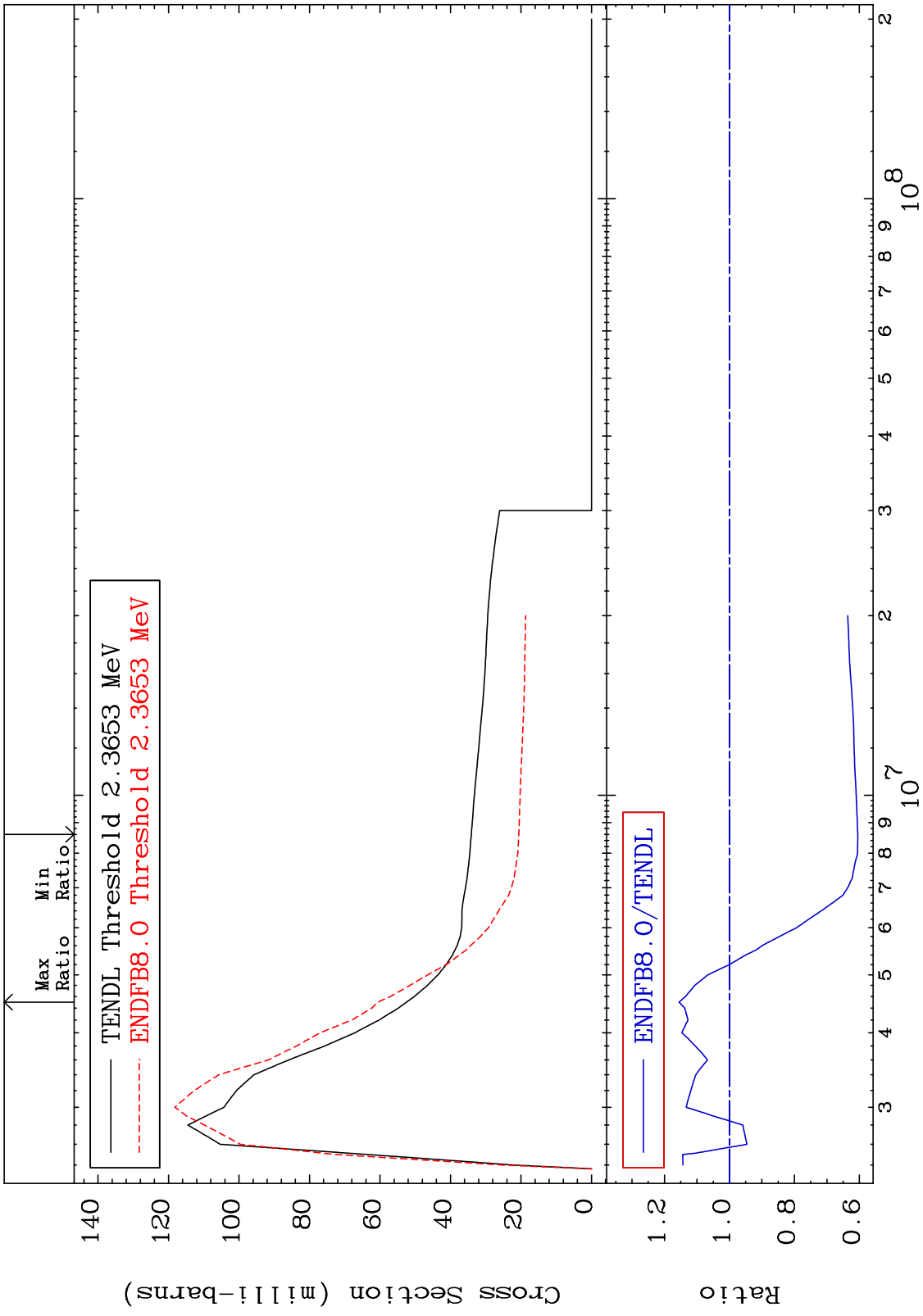


MAT 4031 MT= 56 (n,n') Level Cross Section 40-Zr-92  
 -99.98 To 10.16 %





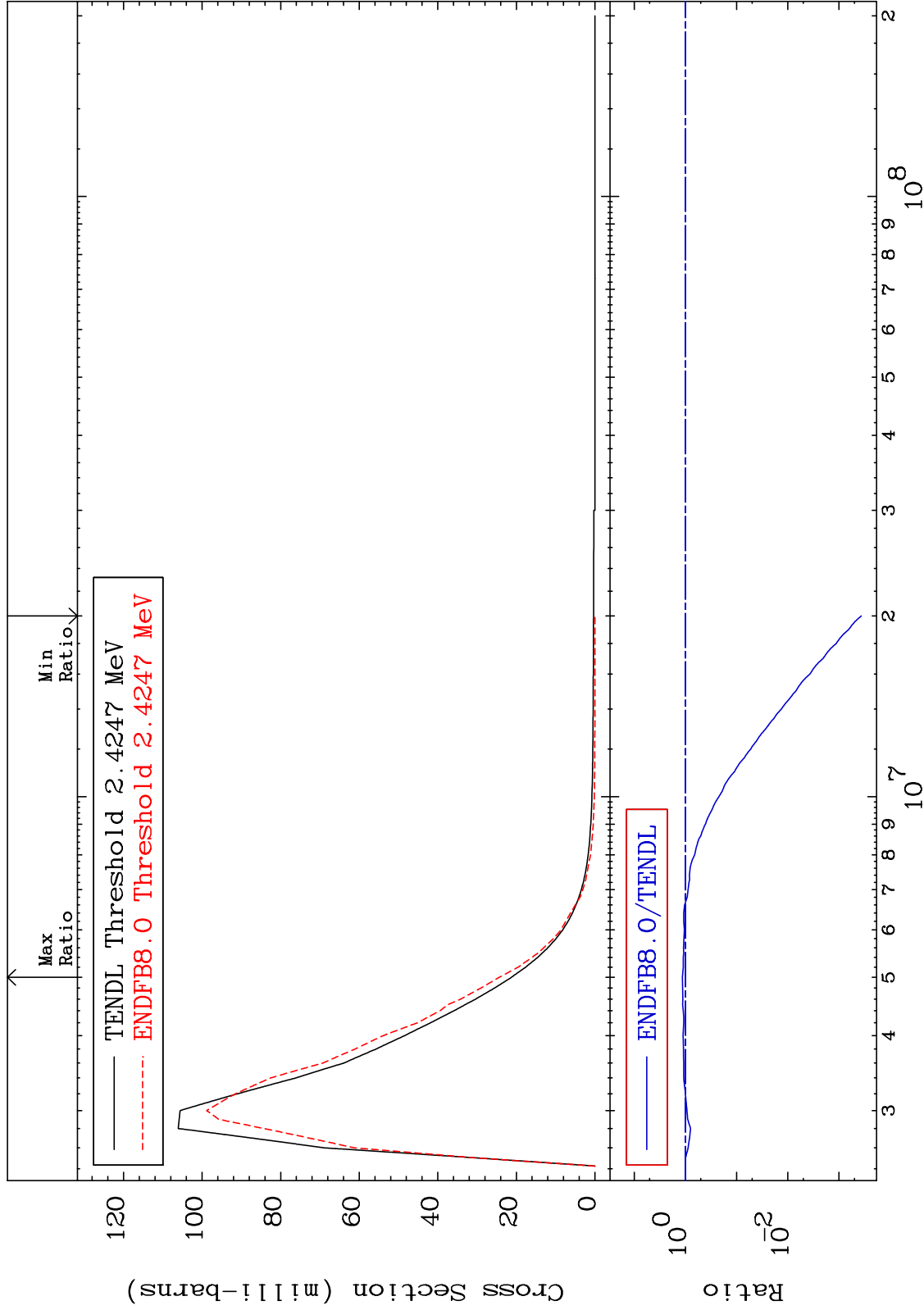
MAT 4031 MT= 57 (n,n') Level Cross Section 40-Zr-92  
 -39.53 To 15.52 %



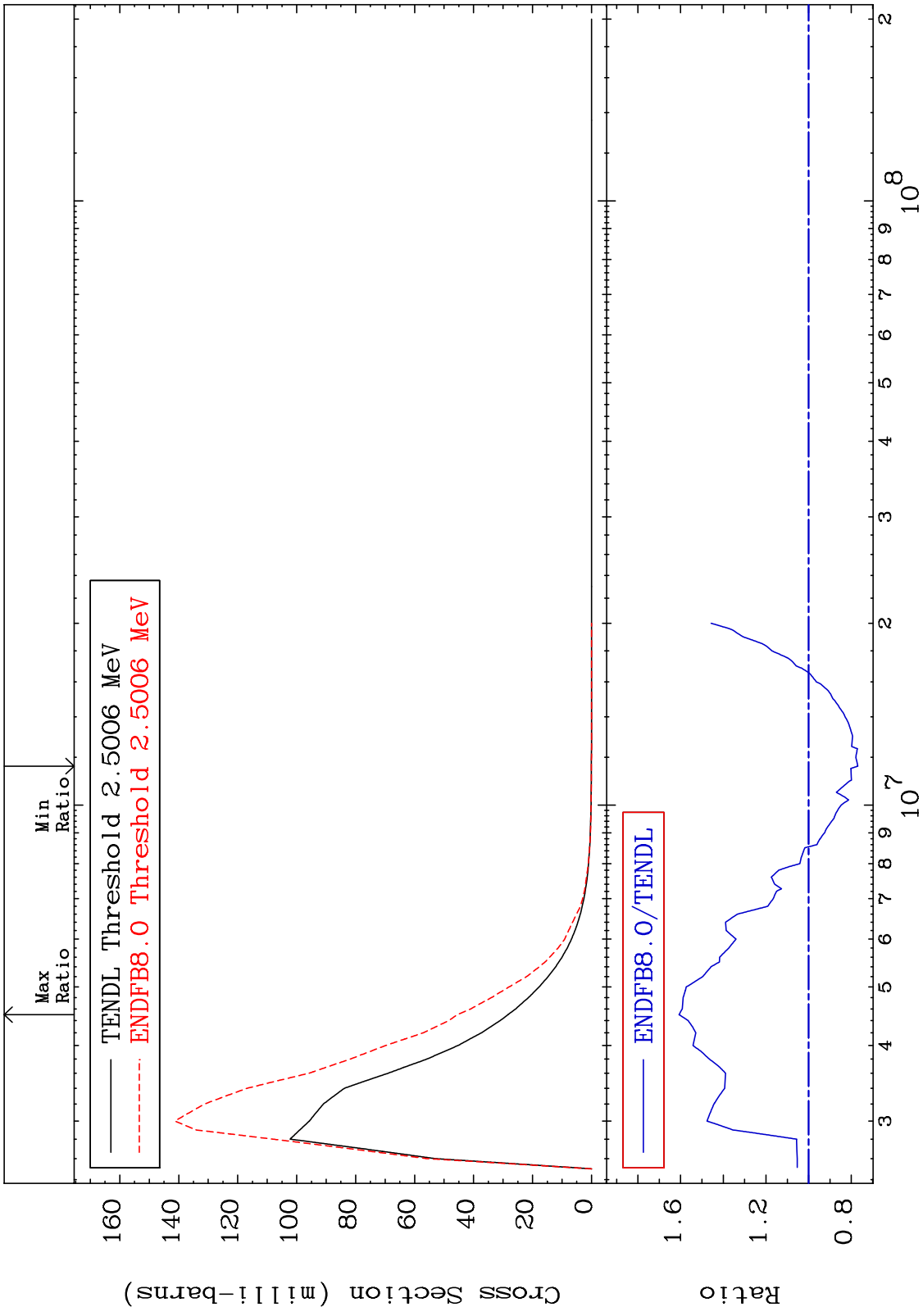
MAT 4031

MT= 58 (n,n') Level  
Cross Section

40-Zr-92  
-99.96 To 14.44 %



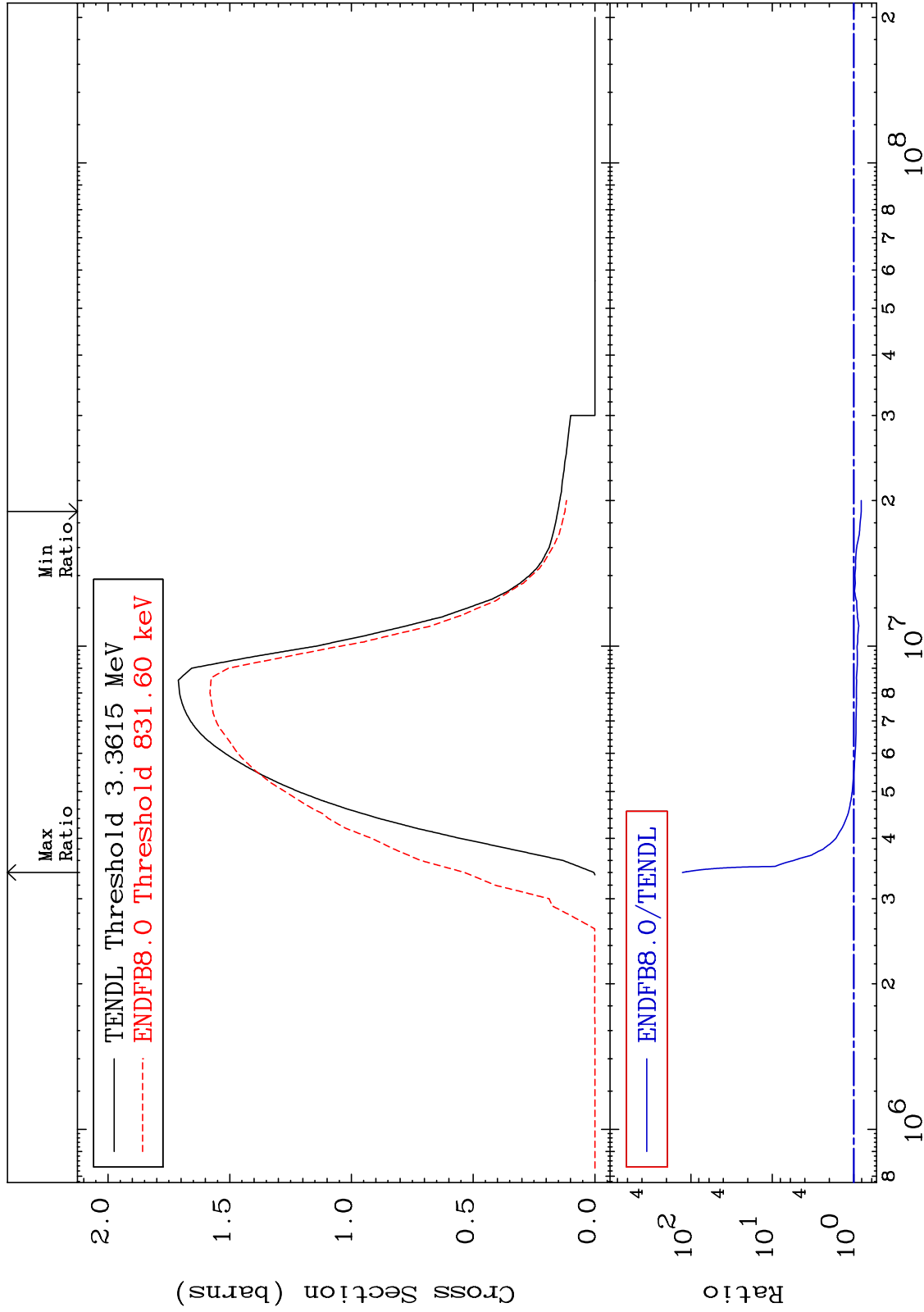
MAT 4031 MT= 59 (n,n') Level Cross Section 40-Zr-92  
 -23.06 To 60.73 %



MAT 4031

(n, n') Continuum  
Cross Section

40-Zr-92  
-19.15 To 9999. %



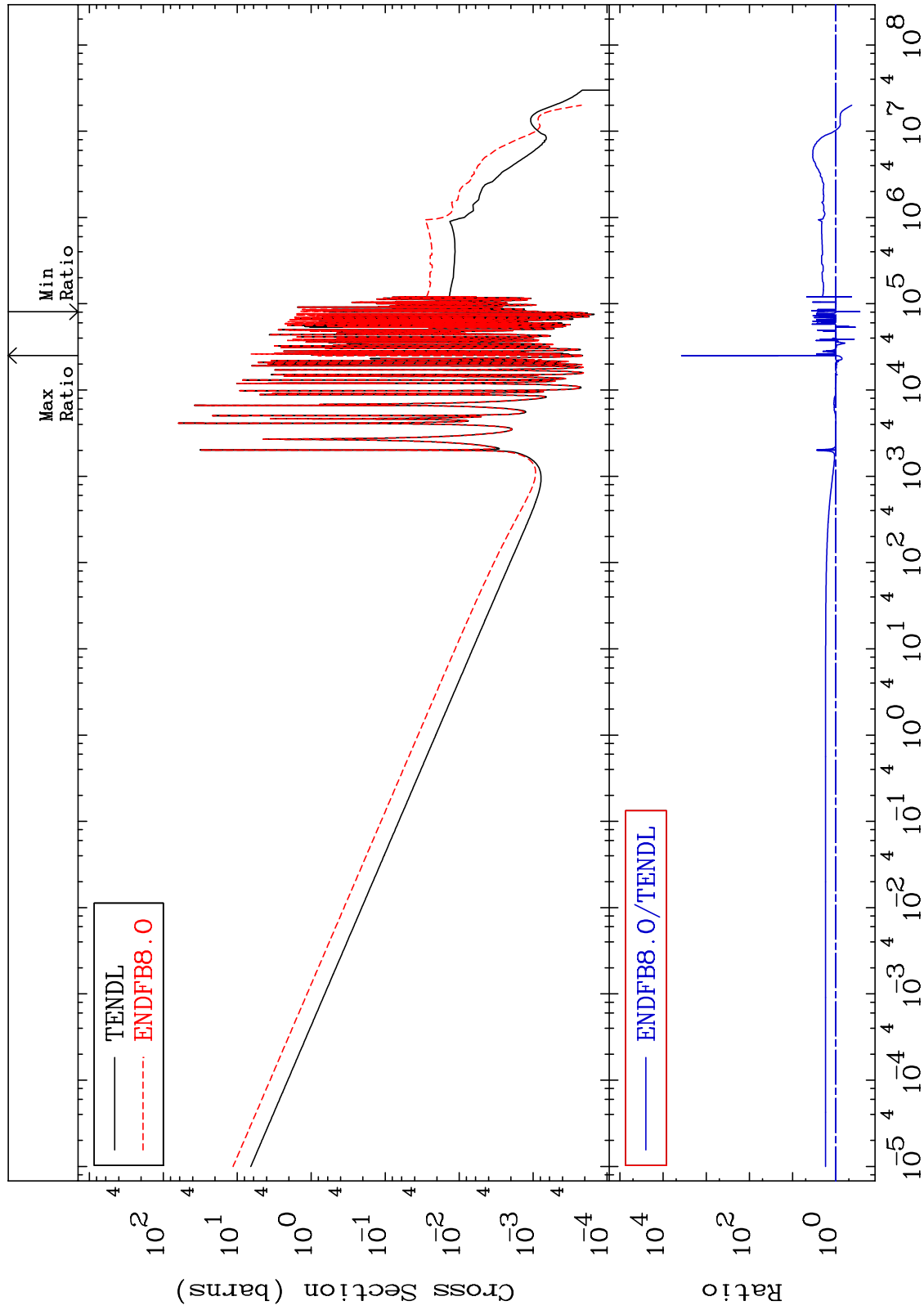
MAT 4031

(n,  $\gamma$ )

40-Zr-92

Cross Section

-72.08 To 9999. %

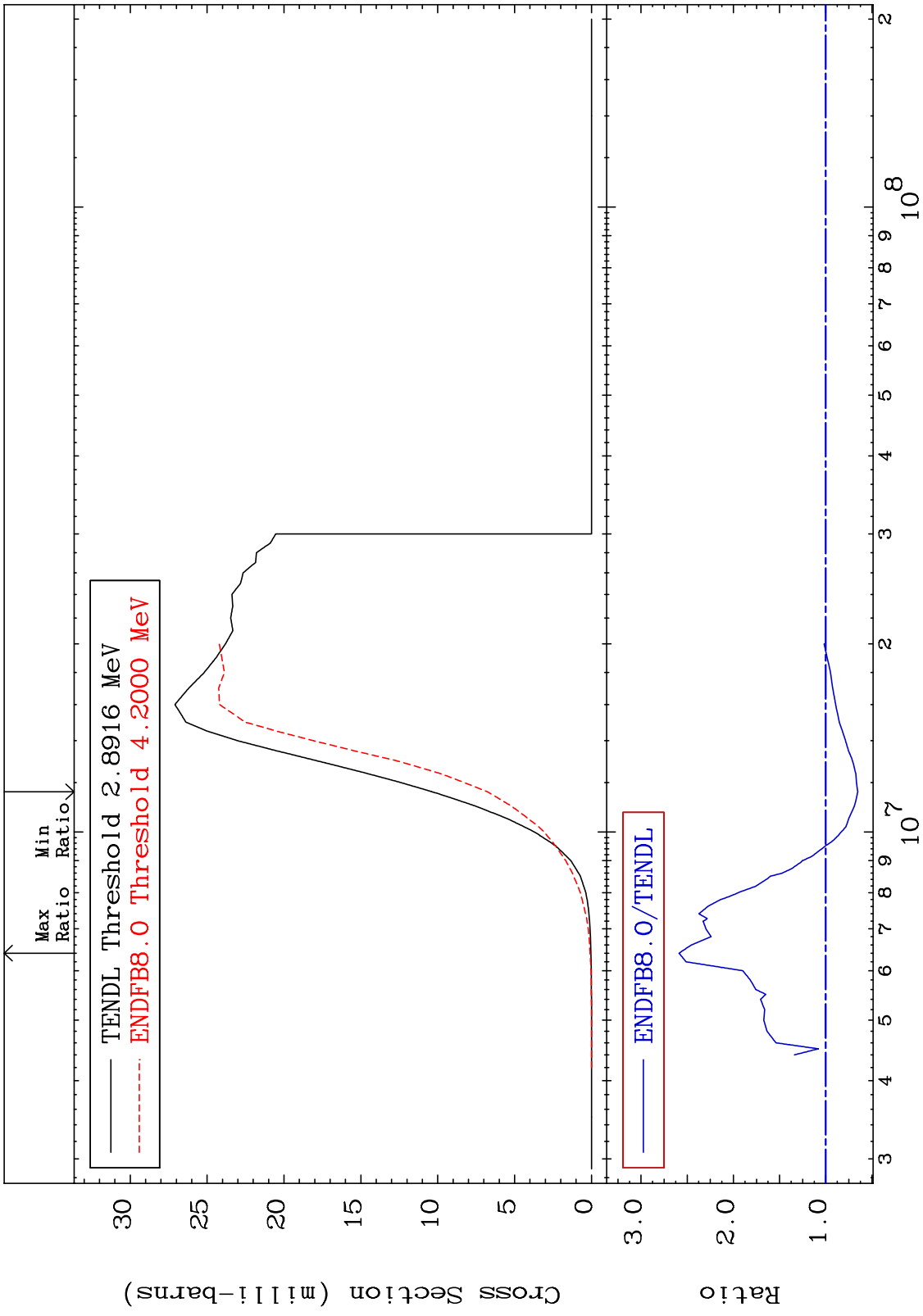


20

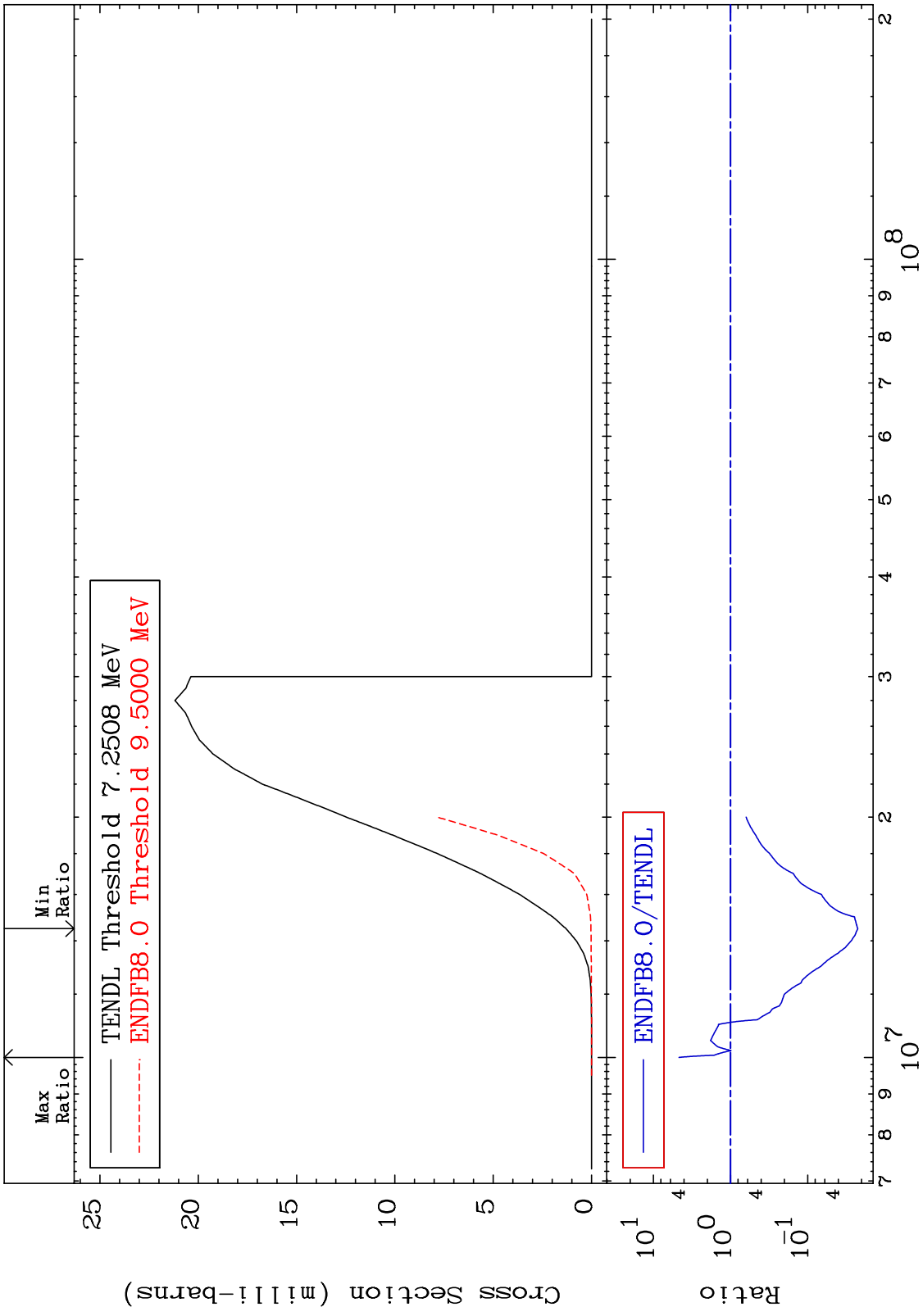
Incident Energy (eV)

40-Zr-92

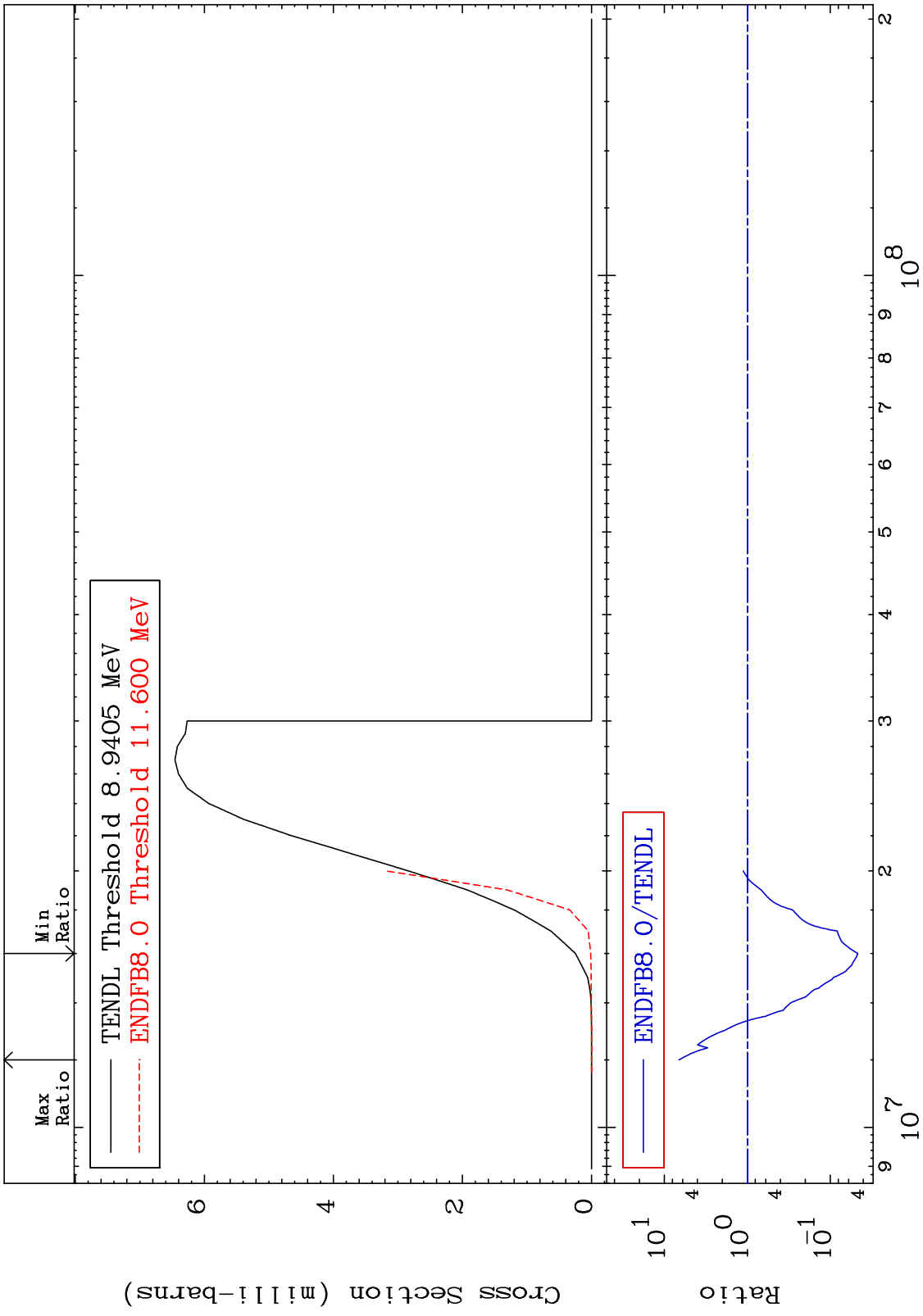
MAT 4031 (n,p) Cross Section 40-Zr-92 -34.73 To 158.8 %



MAT 4031 (n,d) 40-Zr-92  
 Cross Section -97.77 To 365.0 %



MAT 4031 (n,t) 40-Zr-92  
Cross Section -95.35 To 565.5 %





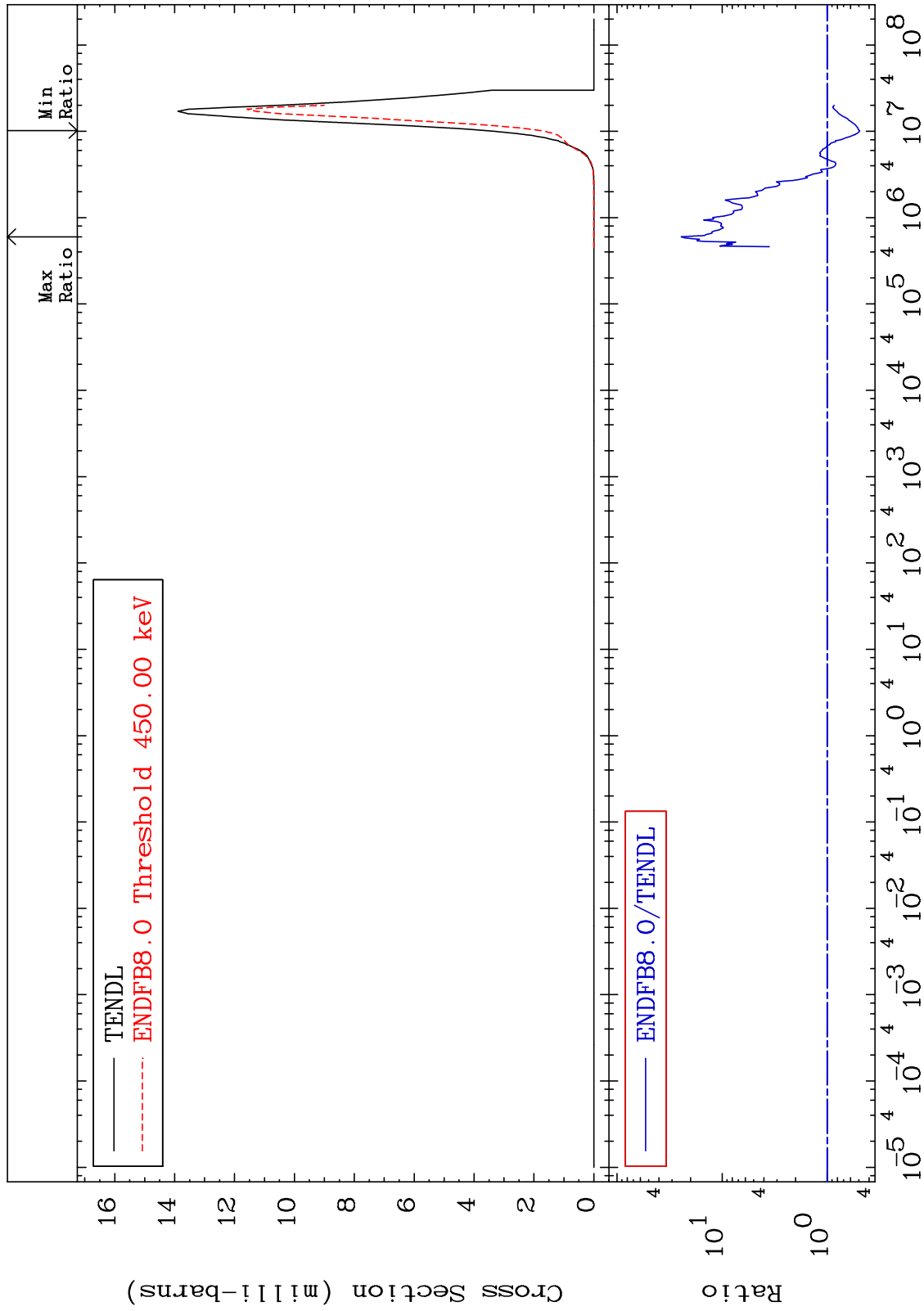
MAT 4031

(n,  $\alpha$ )

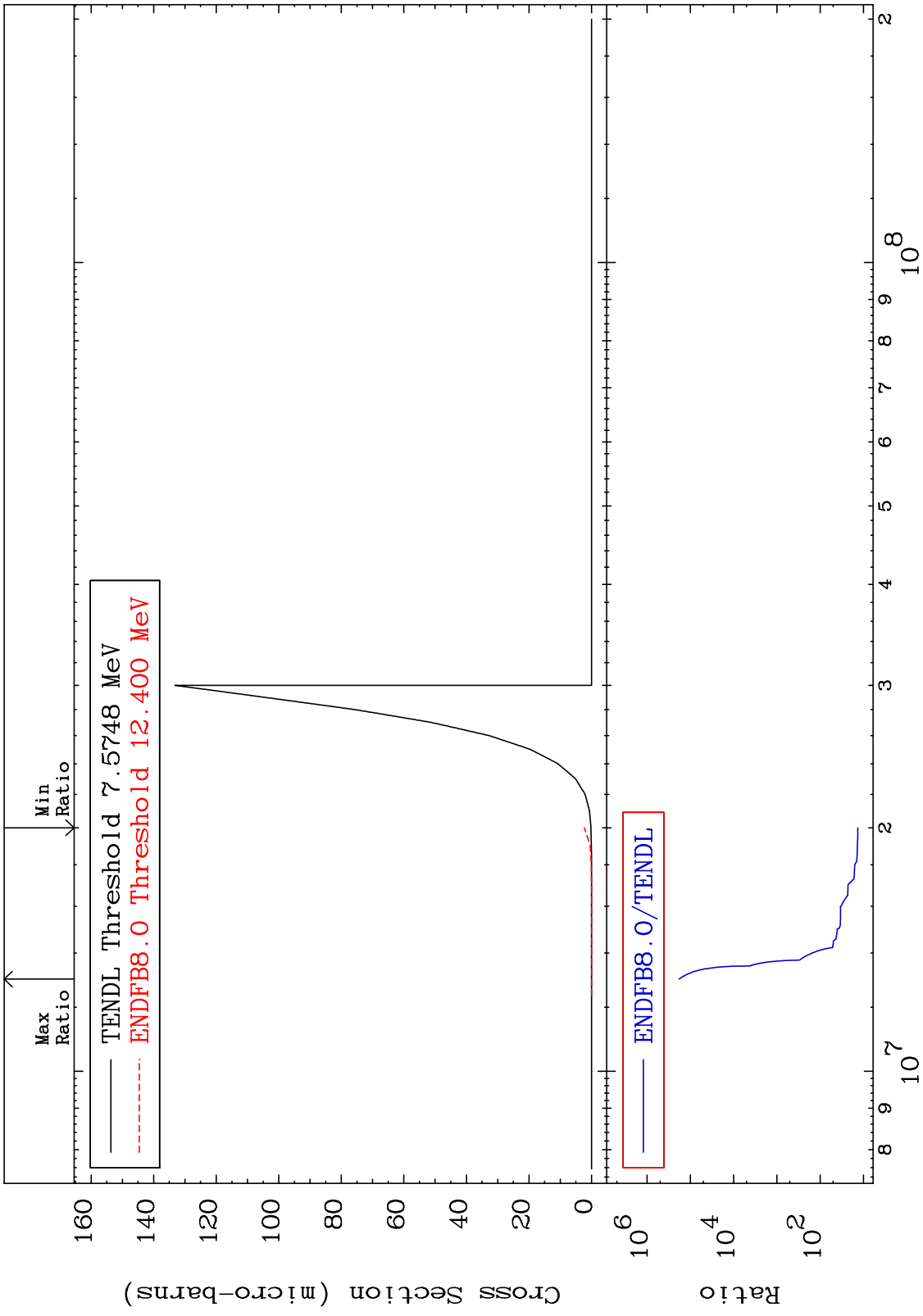
40-Zr-92

Cross Section

-51.03 To 2349. %



MAT 4031 (n,p)  $\alpha$   
Cross Section  
40-Zr-92  
1244. To 9999. %

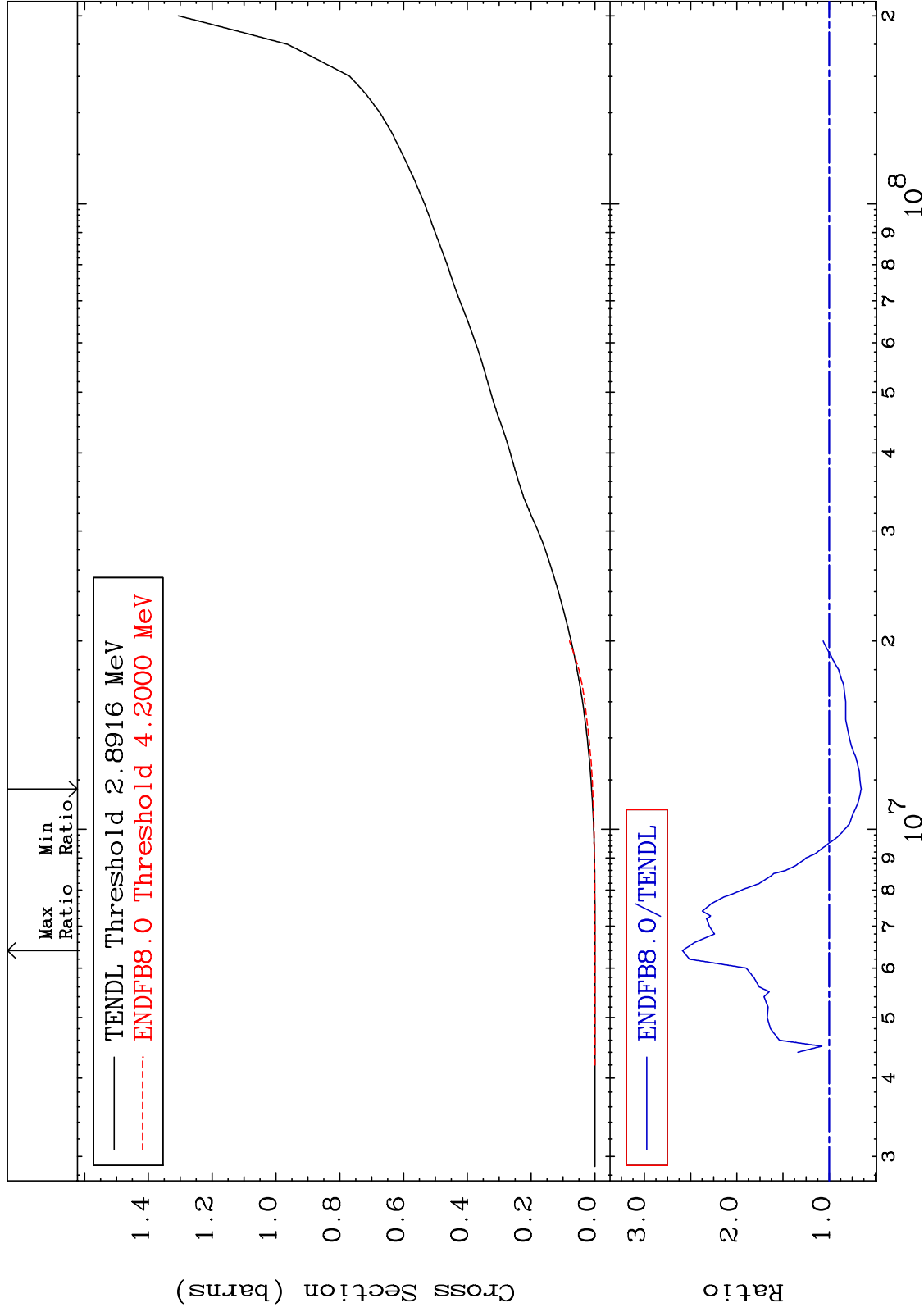


25 Incident Energy (eV)  
40-Zr-92

MAT 4031

Hydrogen Production  
Cross Section

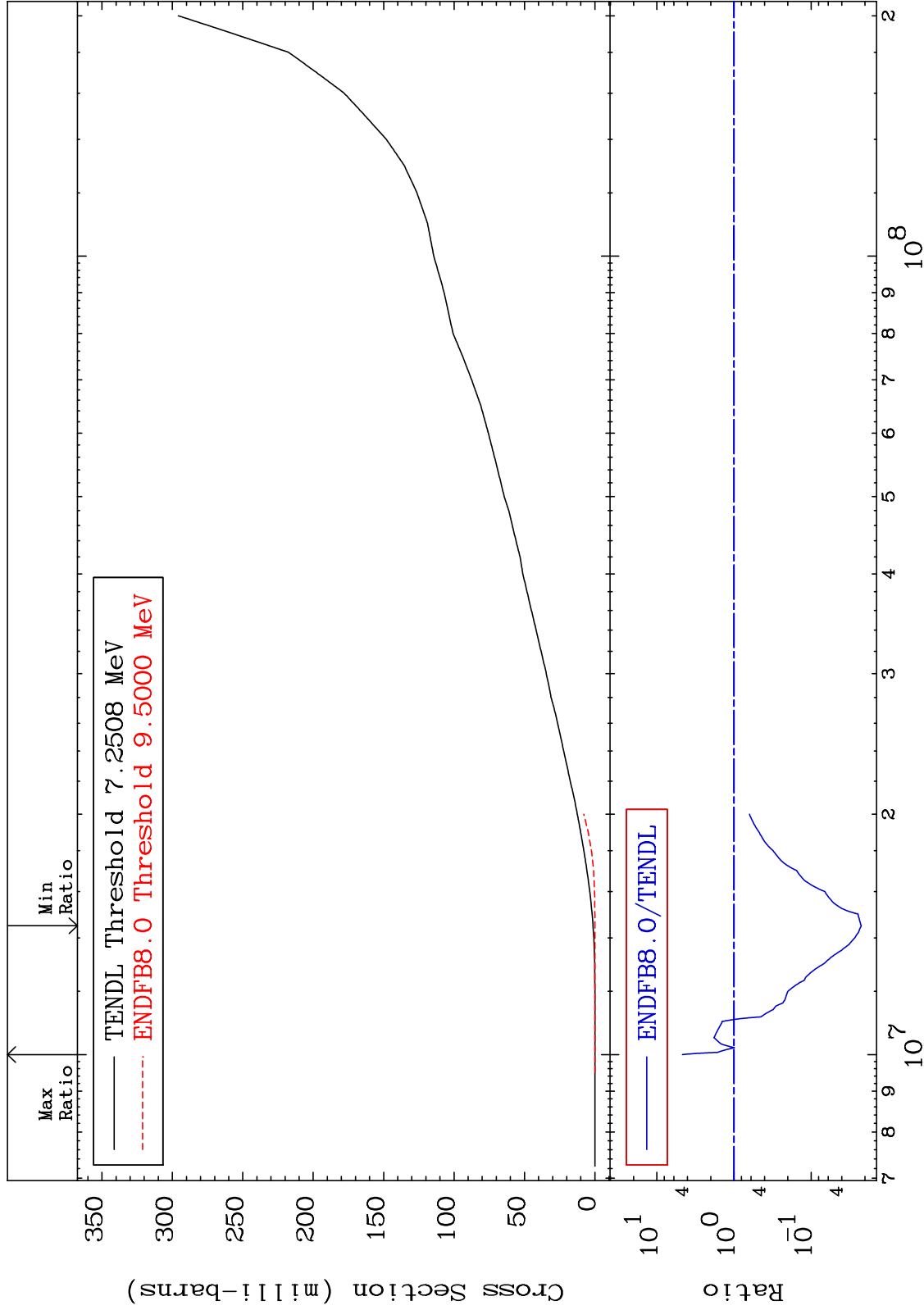
40-Zr-92  
-34.72 To 158.8 %



MAT 4031

Deuterium Production  
Cross Section

40-Zr-92  
-97.77 To 365.0 %

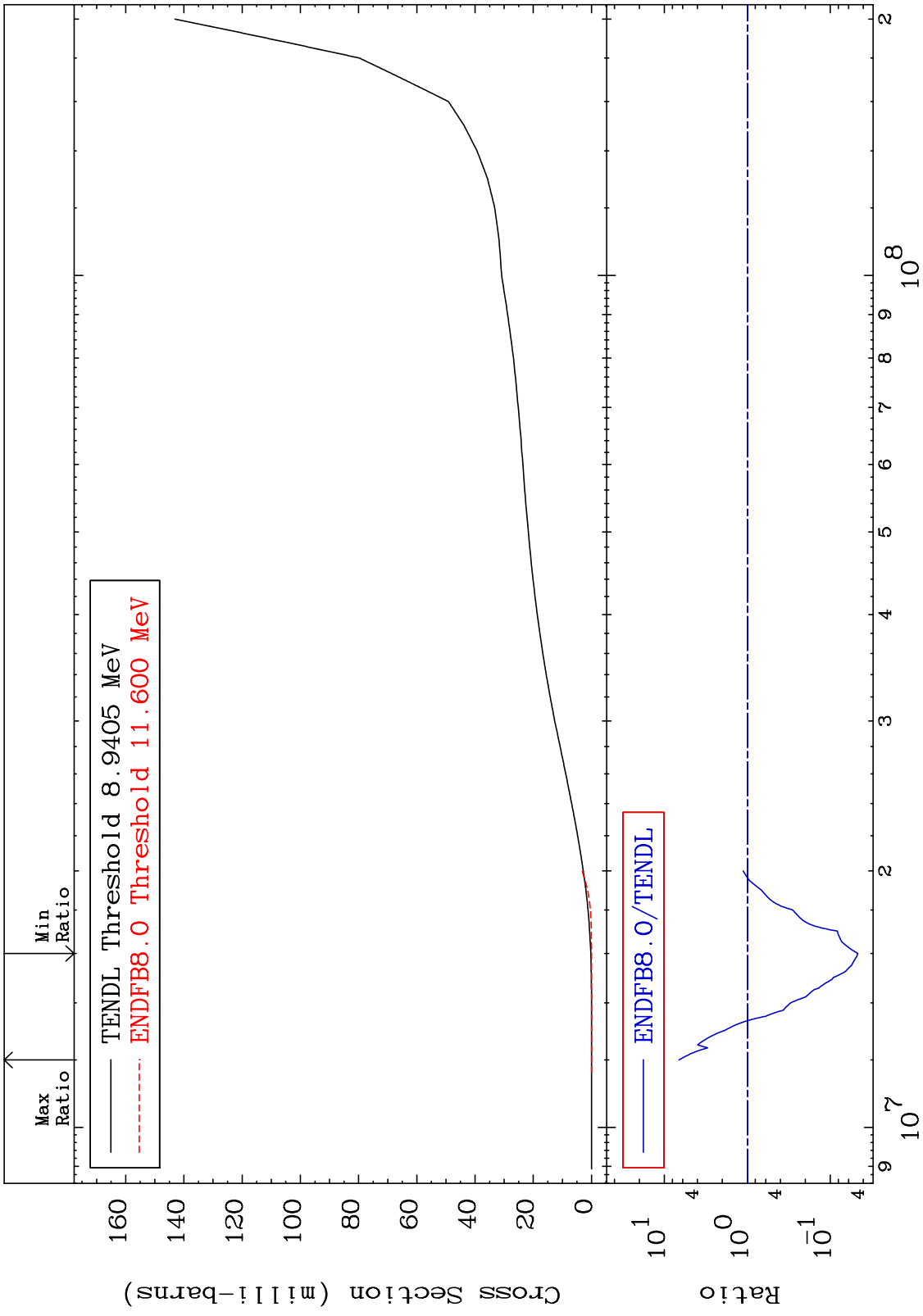


27

Incident Energy (eV)

40-Zr-92

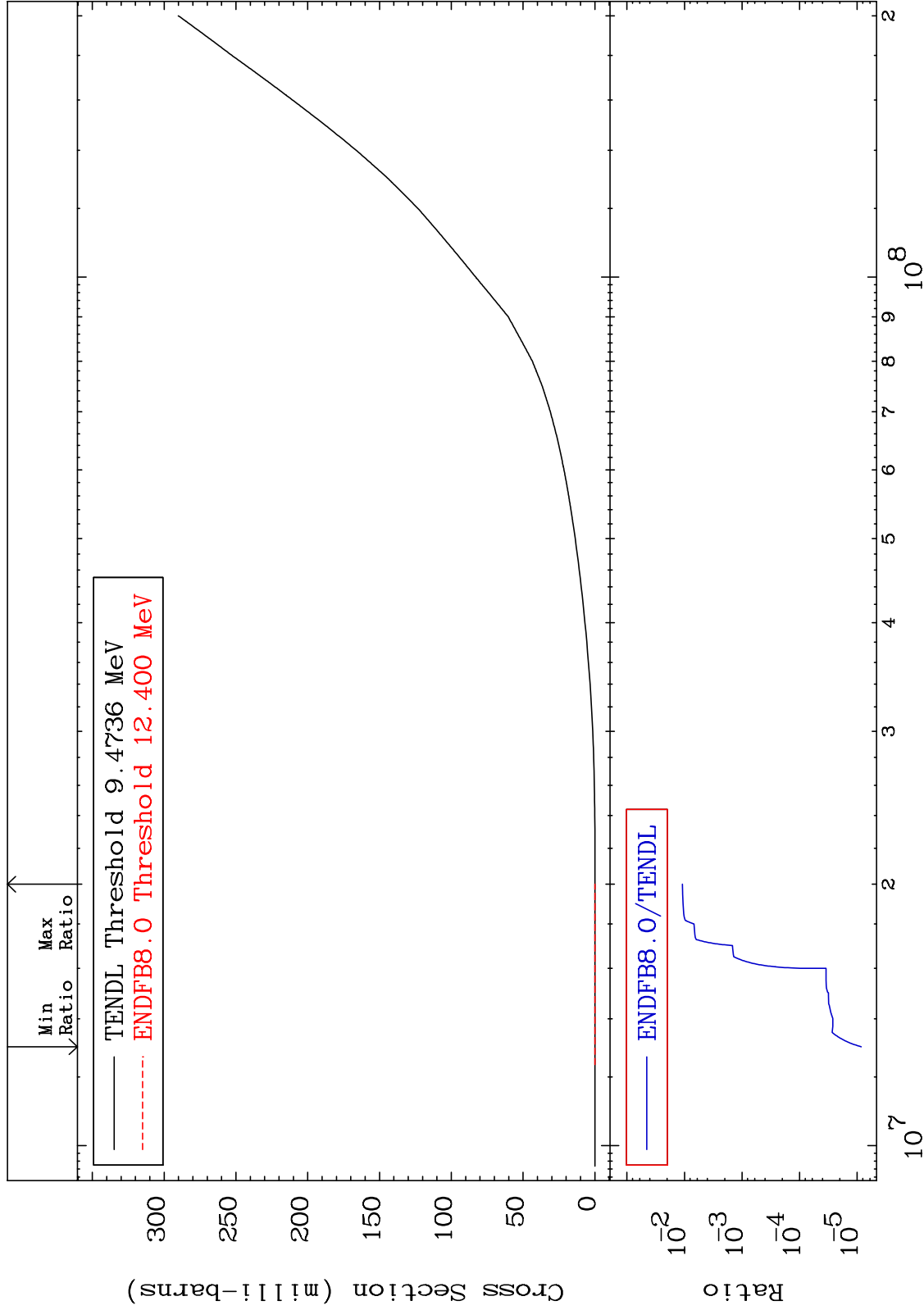
MAT 4031 Tritium Production Cross Section 40-Zr-92 -95.35 To 565.5 %



MAT 4031

He-3 Production  
Cross Section

40-Zr-92  
-100.0 To -98.92%



29

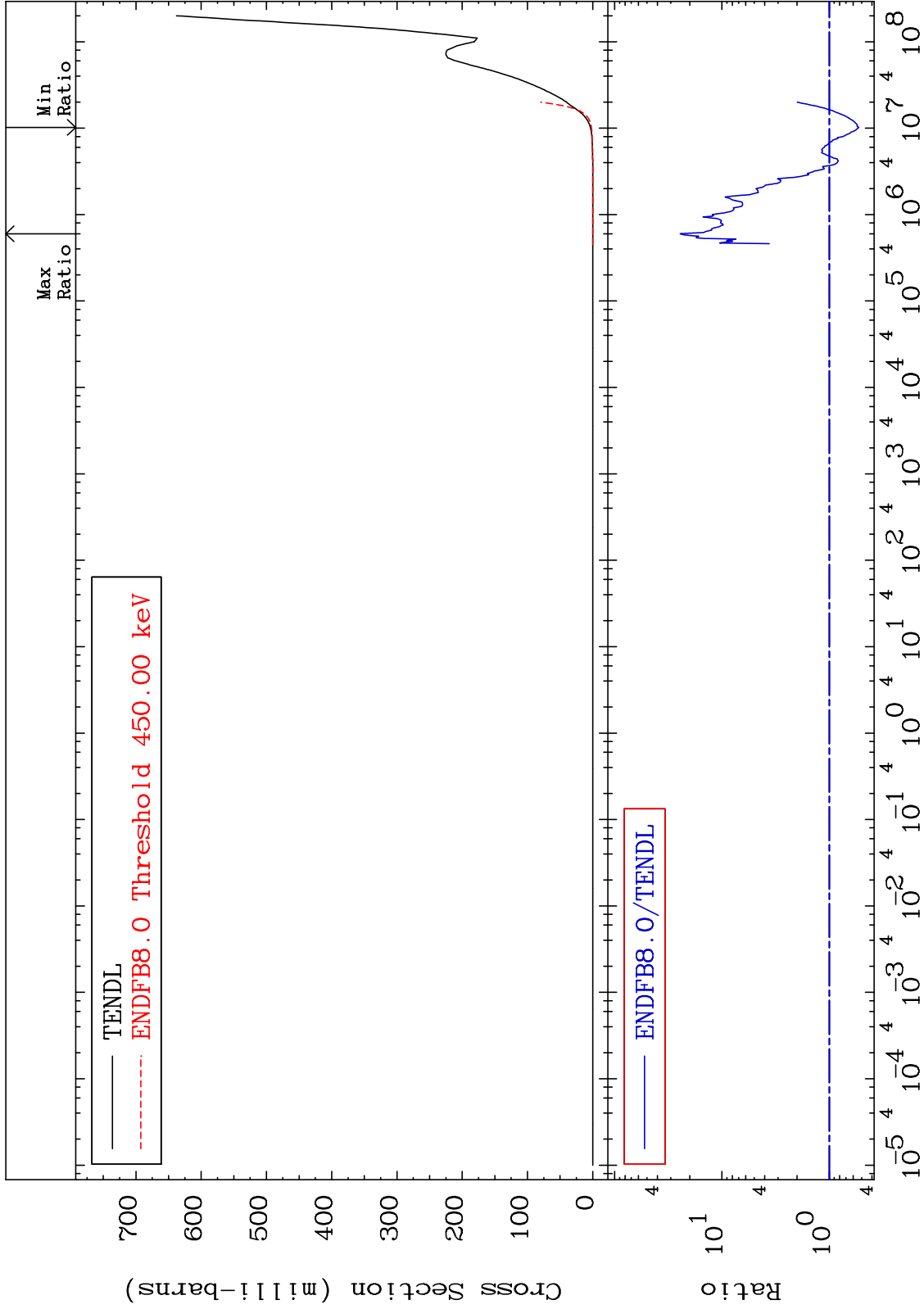
Incident Energy (eV)

40-Zr-92

MAT 4031

He-4 Production  
Cross Section

40-Zr-92  
-47.04 To 2349. %

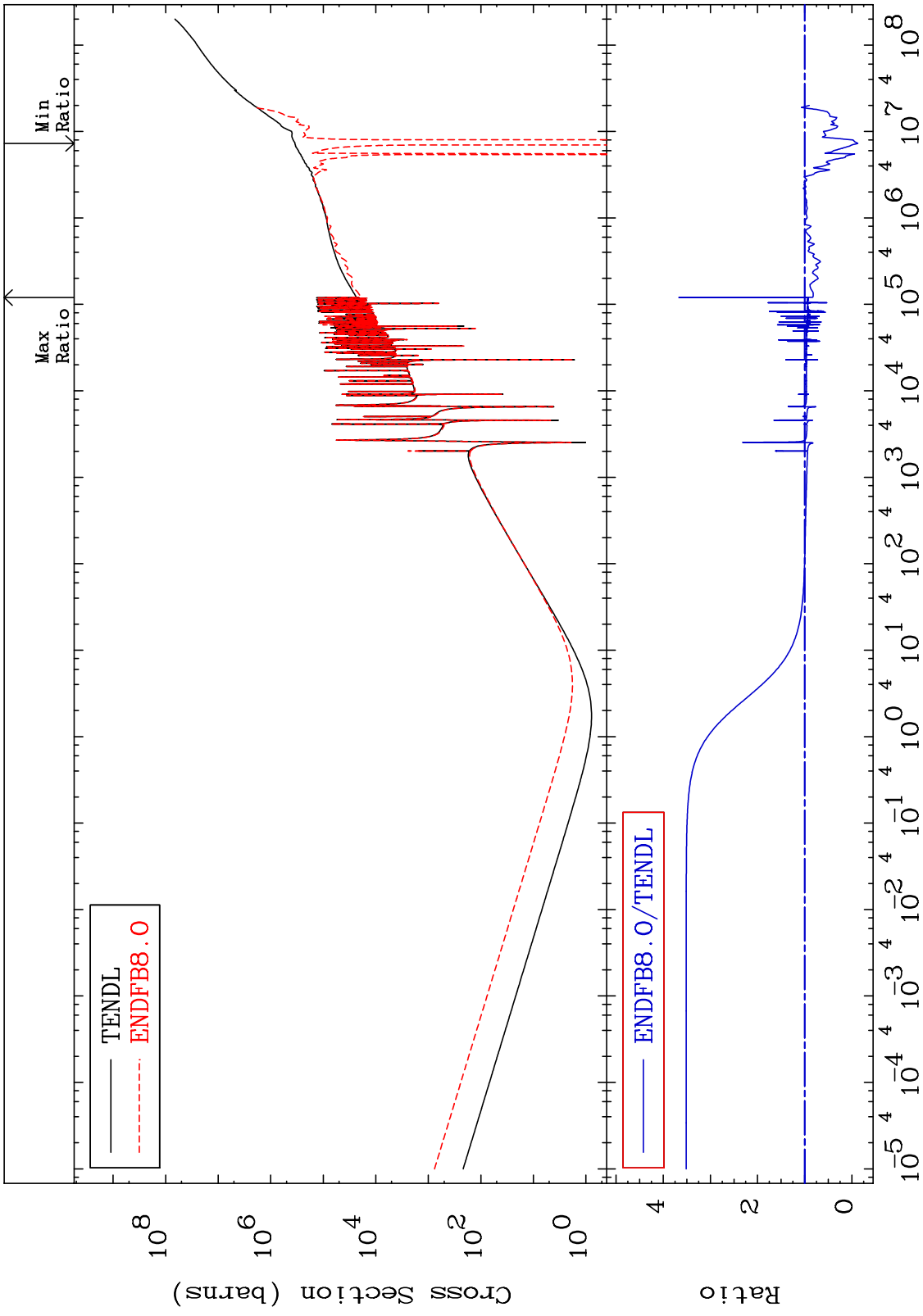


30

Incident Energy (eV)

40-Zr-92

MAT 4031      Kerma total (eV-barns)  
 Cross Section      40-Zr-92  
 -112.6 To 266.4 %



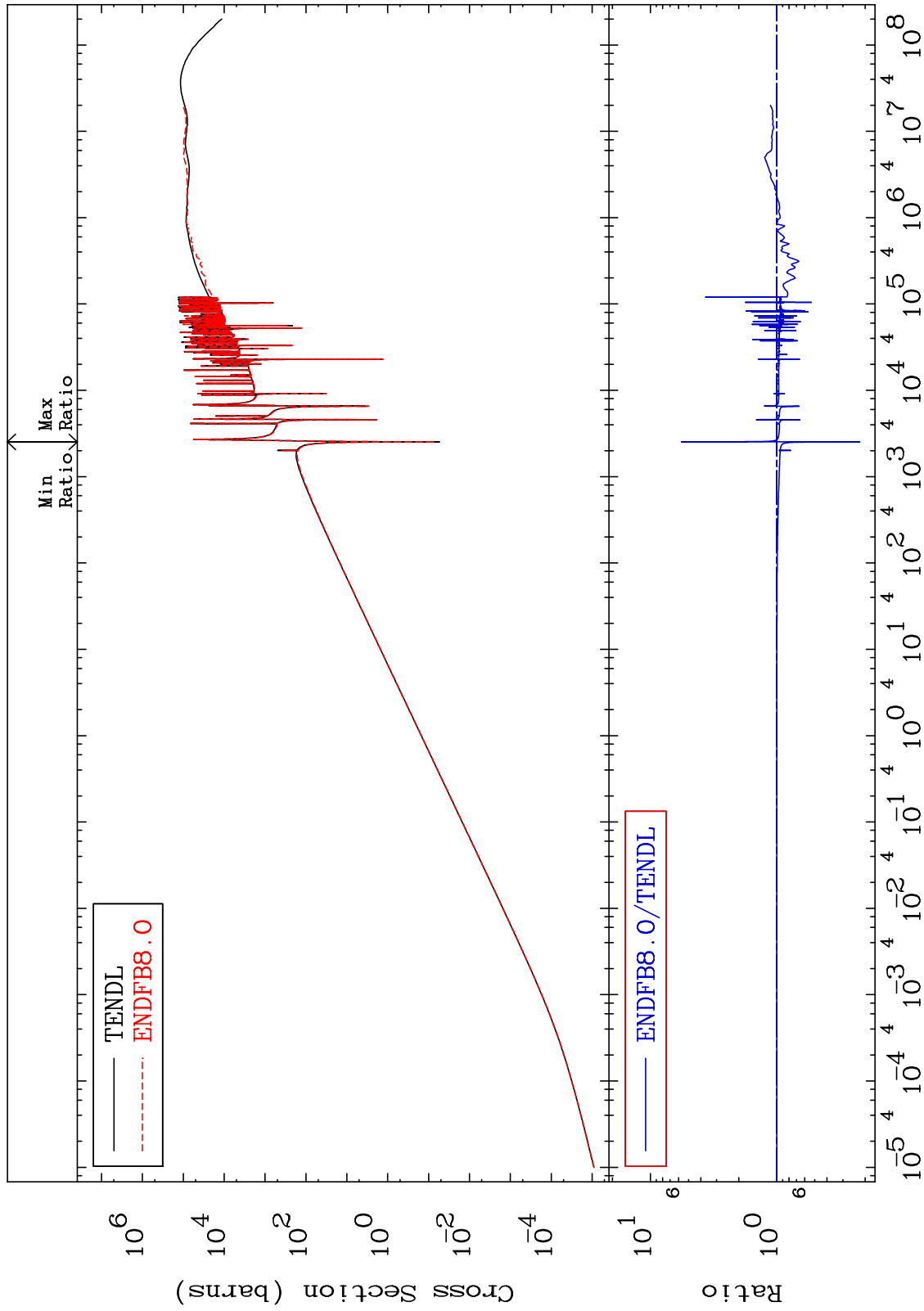
31      Incident Energy (eV)      40-Zr-92



MAT 4031

Kerma elastic  
Cross Section

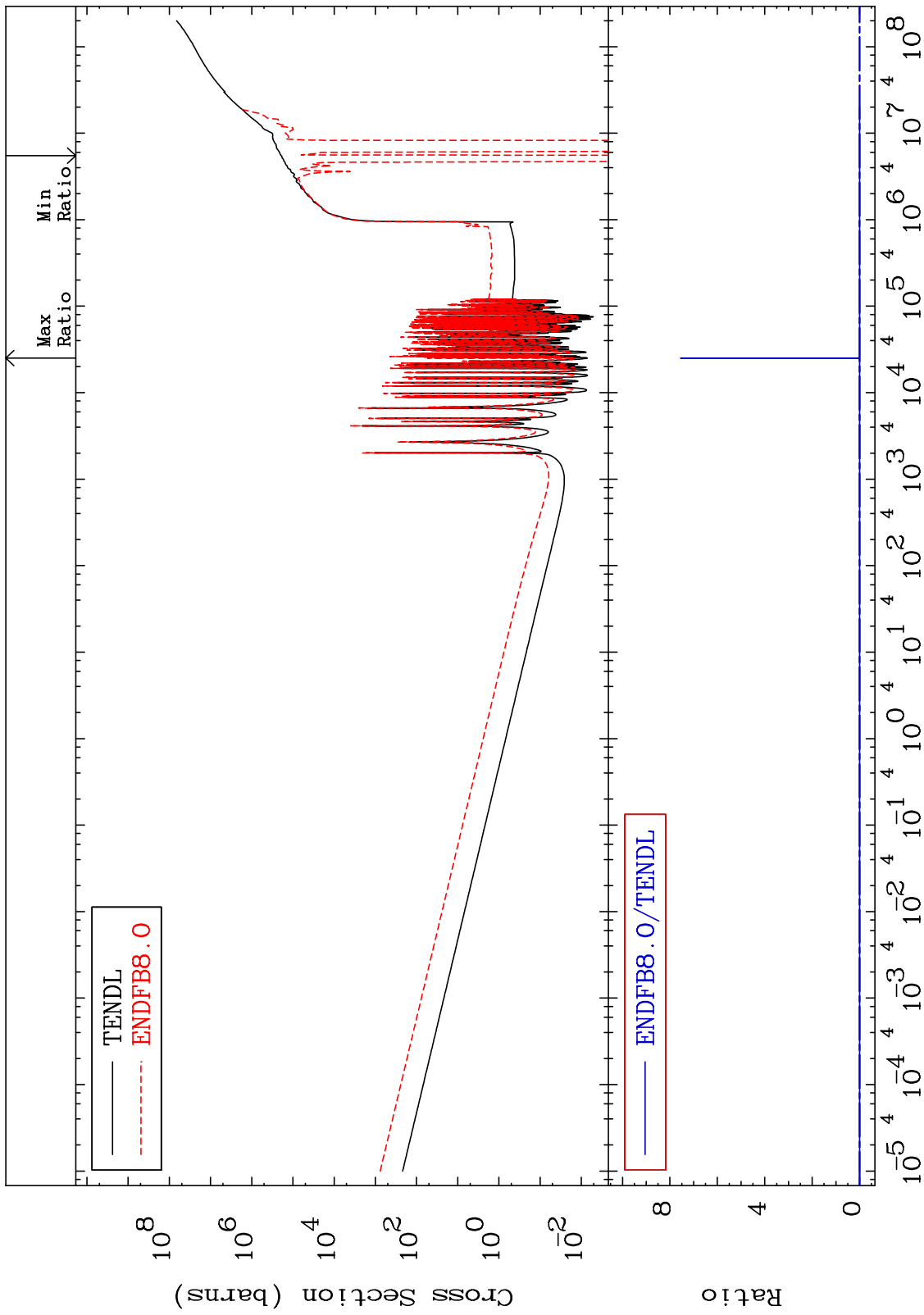
40-Zr-92  
-77.97 To 470.6 %



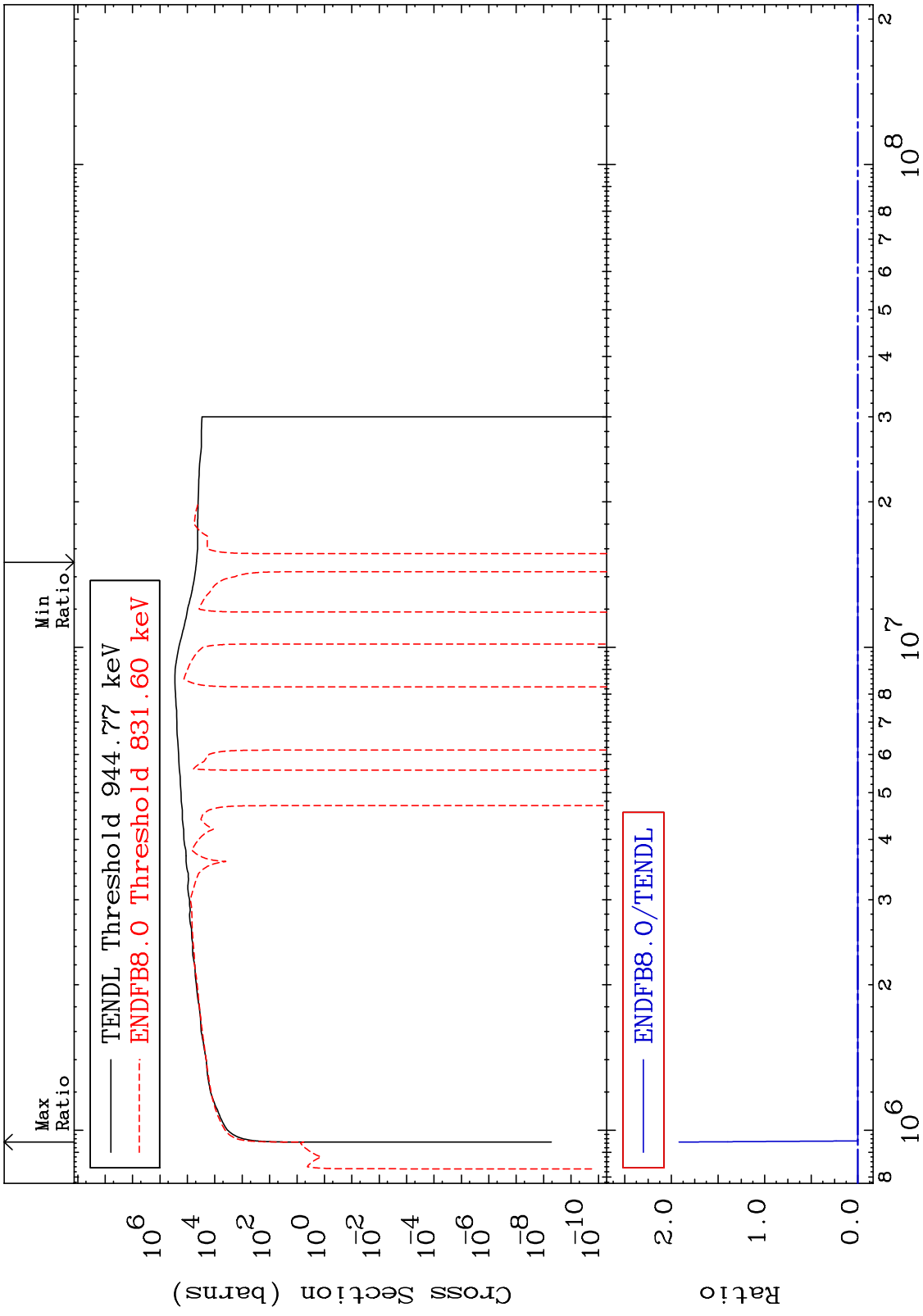
MAT 4031

Kerma non-elastic (all but mt2)  
Cross Section

40-Zr-92  
-158.7 To 9999. %



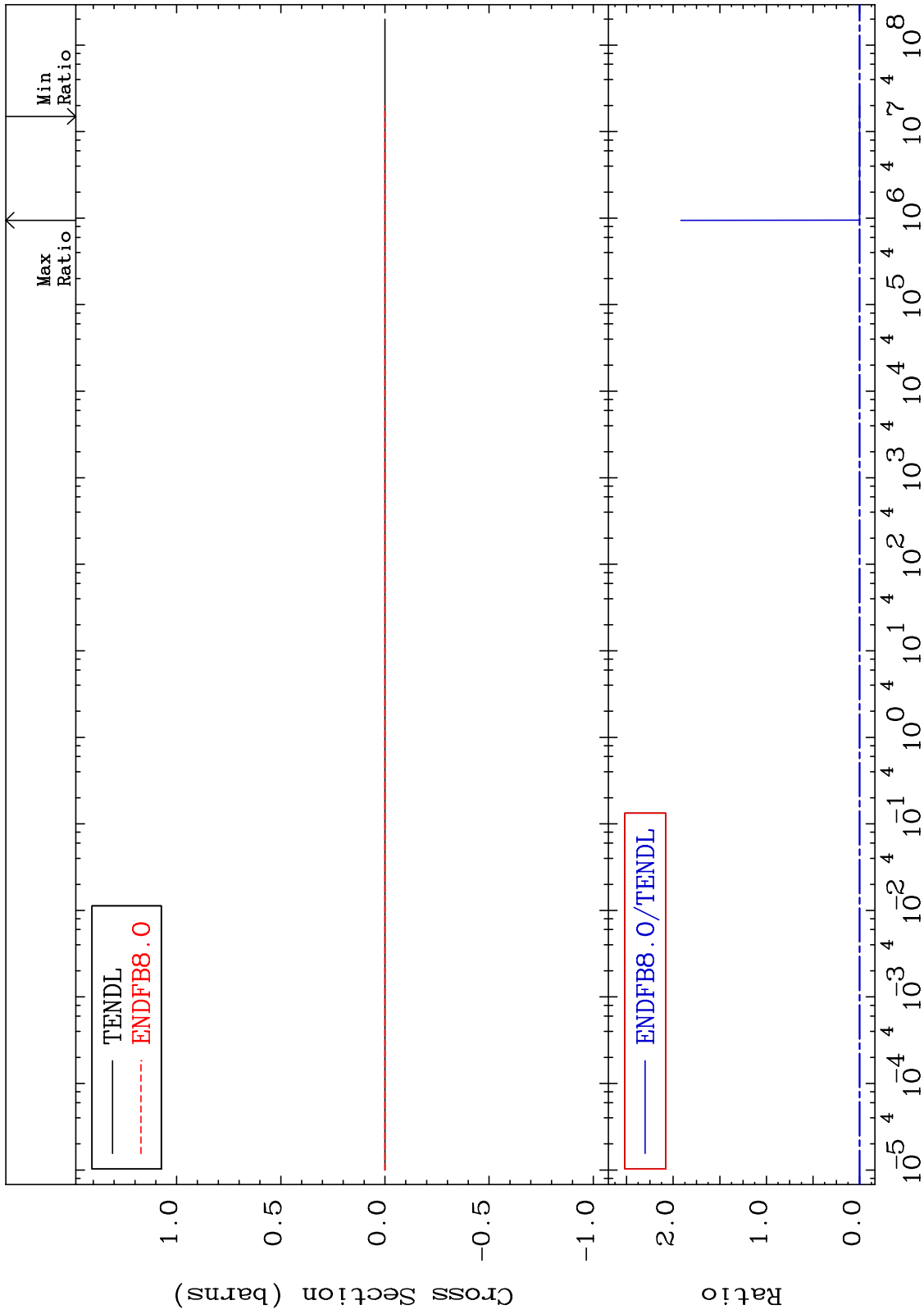
MAT 4031      Kerma inelastic (mt51-91)      40-Zr-92  
 -169.4 To 9999. %  
 Cross Section



MAT 4031

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

40-Zr-92  
-169.4 To 9999. %



35

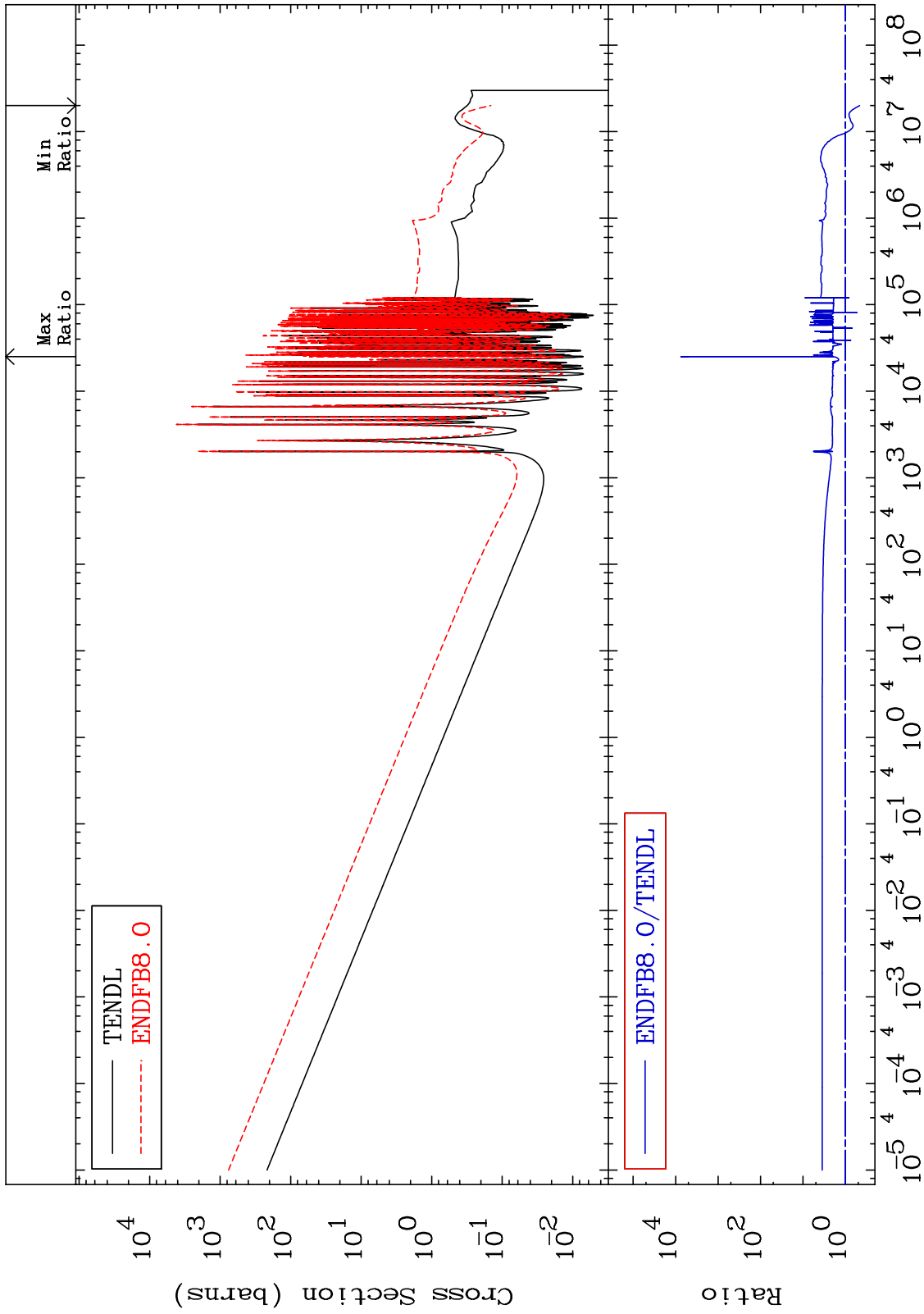
Incident Energy (eV)

40-Zr-92

MAT 4031

Kerma capture (mt102)  
Cross Section

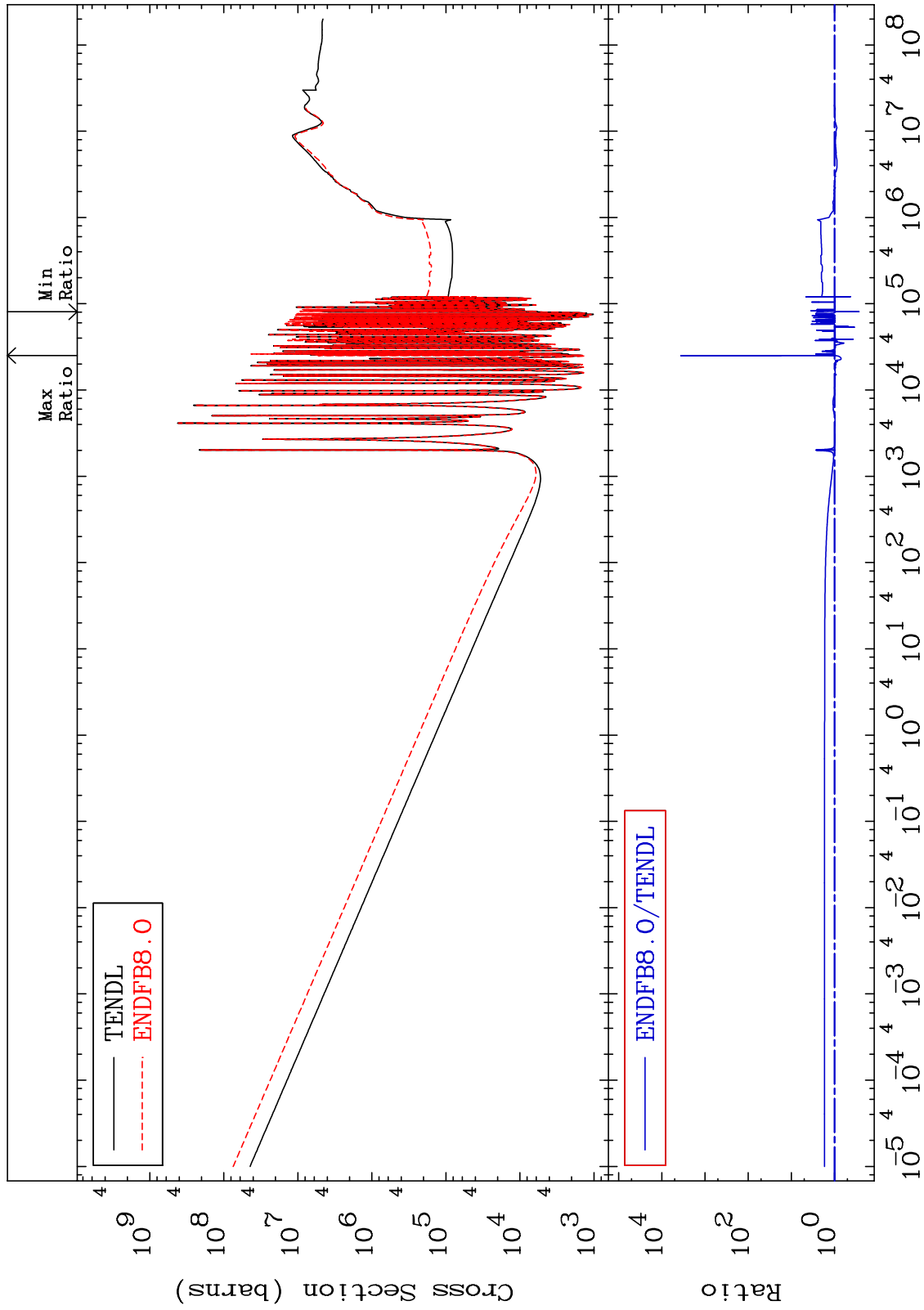
40-Zr-92  
-53.72 To 9999. %



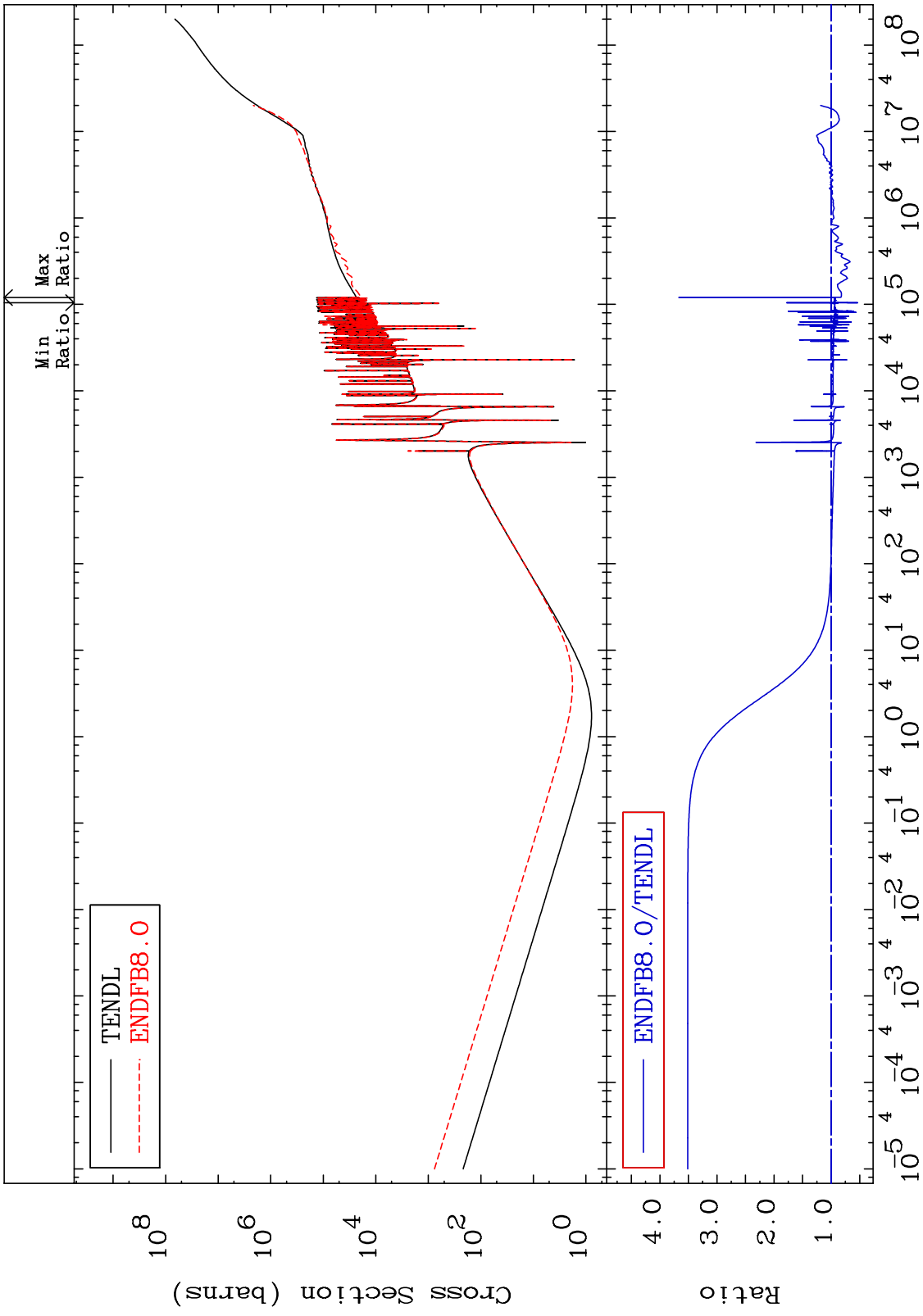
MAT 4031

Total photon (eV-barns)  
Cross Section

40-Zr-92  
-73.04 To 9999. %



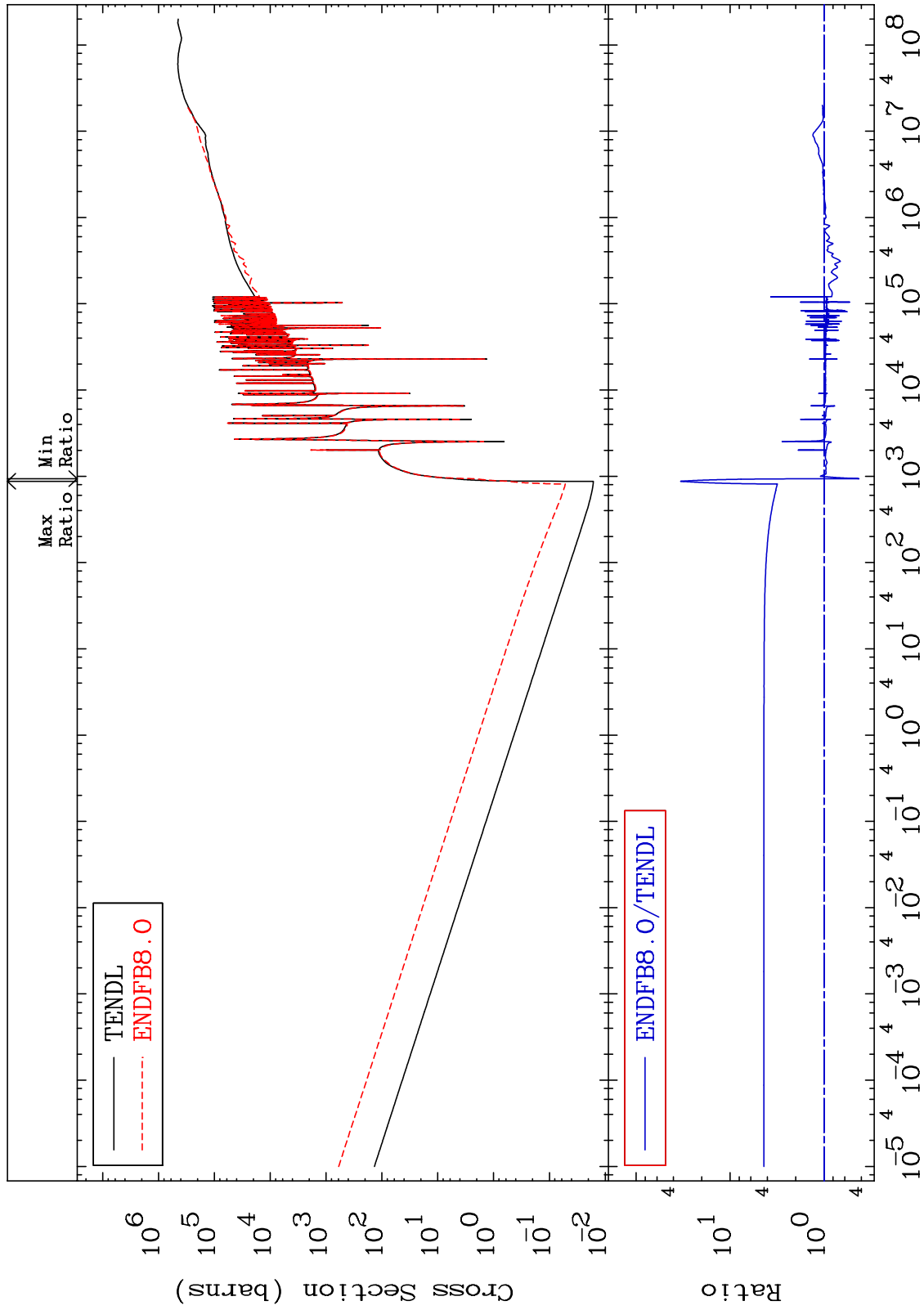
MAT 4031 Total kinematic kerma (high limit) Cross Section 40-Zr-92  
 -46.81 To 266.4 %



MAT 4031

Dpa total (eV-barns)  
Cross Section

40-Zr-92  
-57.58 To 3255. %

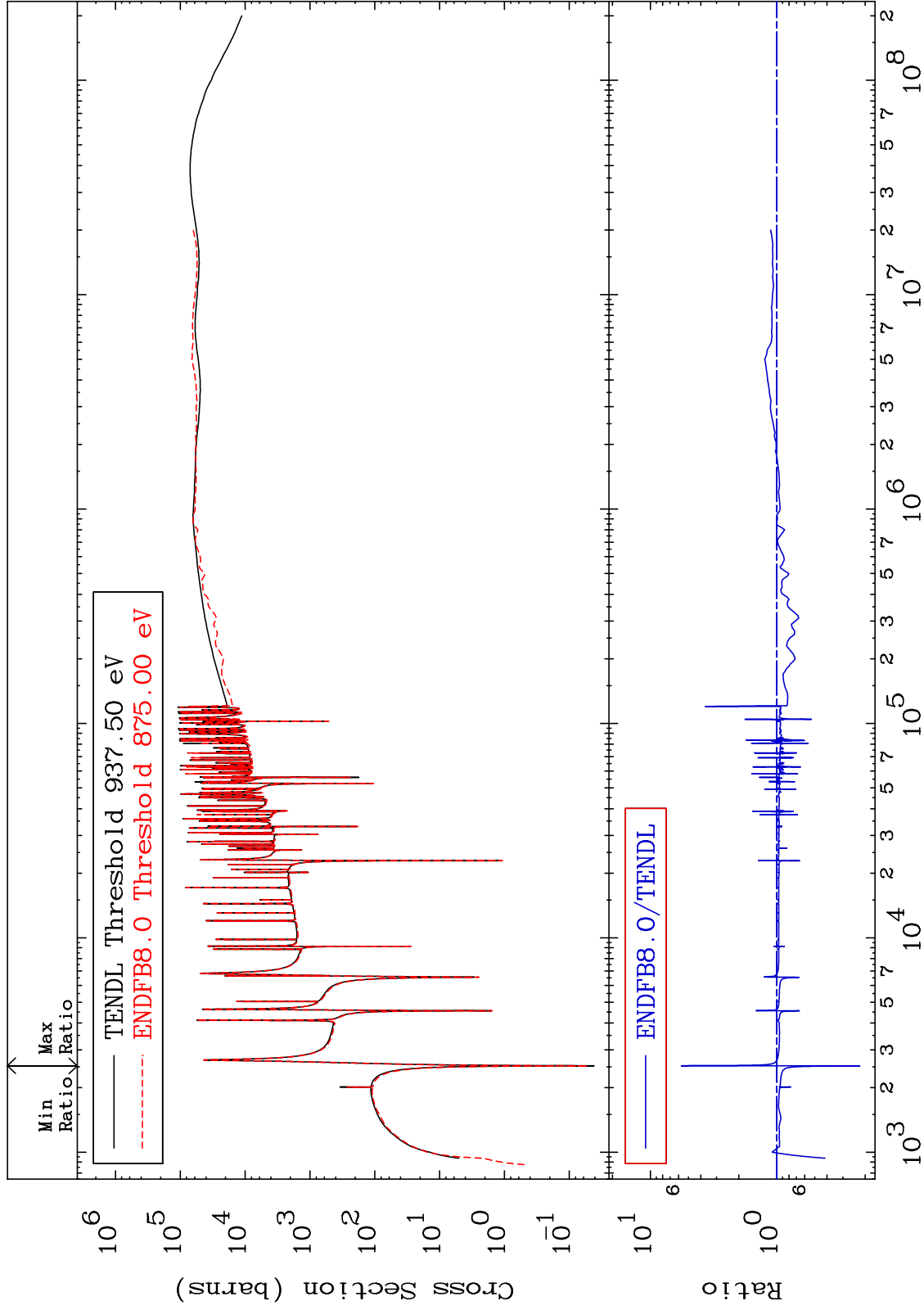




MAT 4031

Dpa elastic (mt2)  
Cross Section

40-Zr-92  
-77.97 To 470.4 %

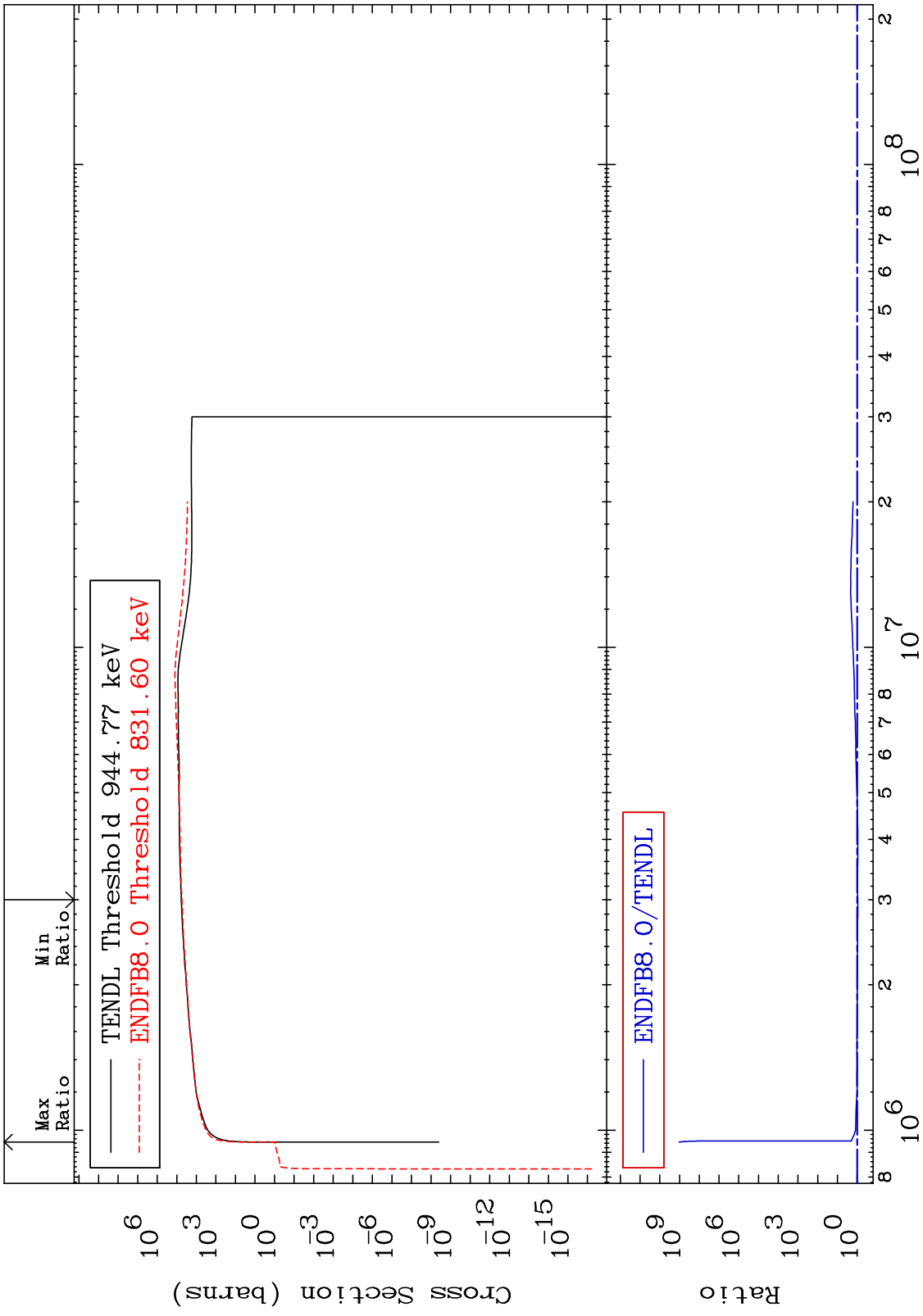


40

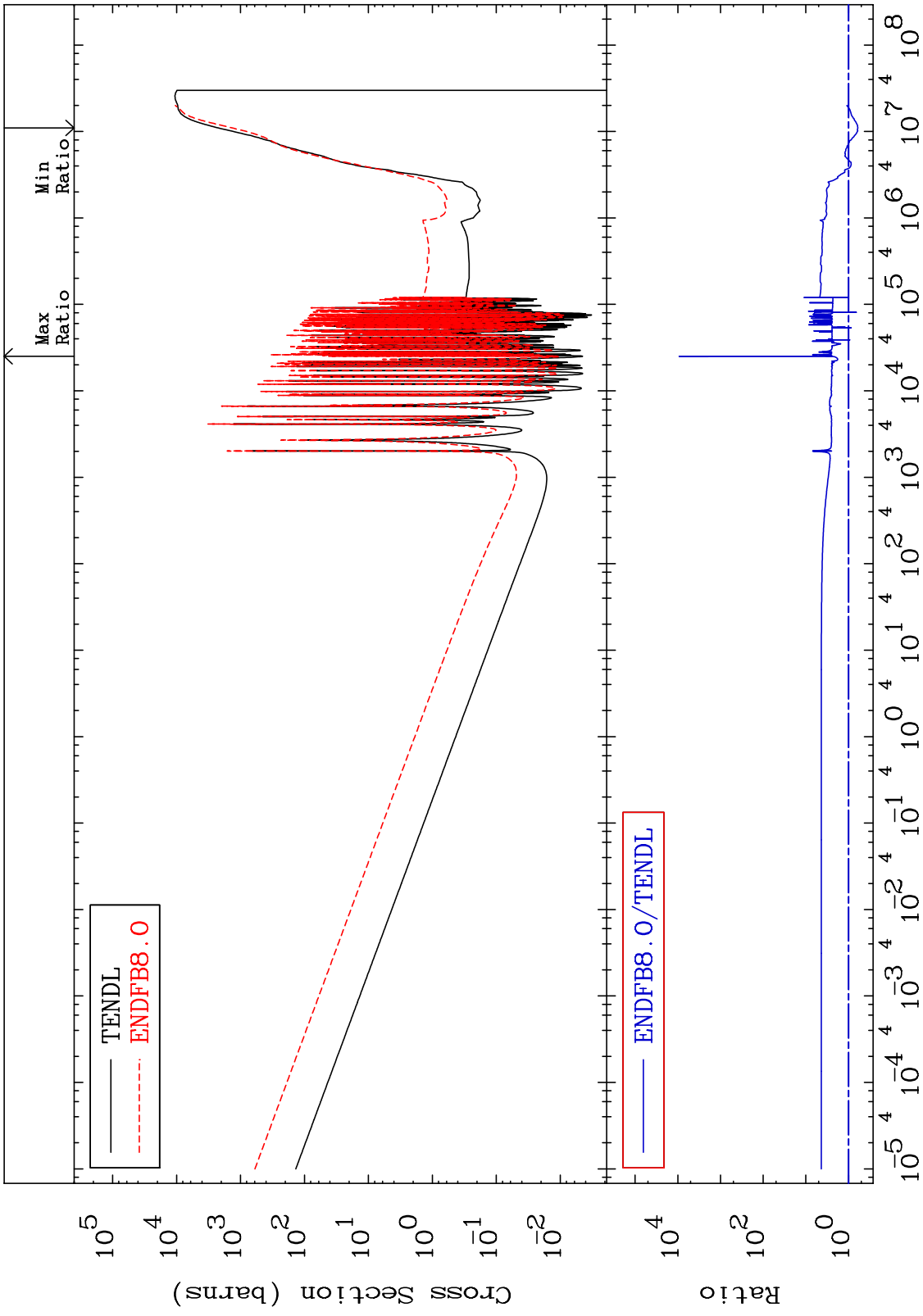
Incident Energy (eV)

40-Zr-92

MAT 4031      Dpa inelastic (mt51-91)      40-Zr-92  
 Cross Section      -7.549 To 9999. %



MAT 4031      Dpa disappearance (mt102 -120)      40-Zr-92  
 Cross Section      -39.48 To 9999. %



42      Incident Energy (eV)      40-Zr-92