

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

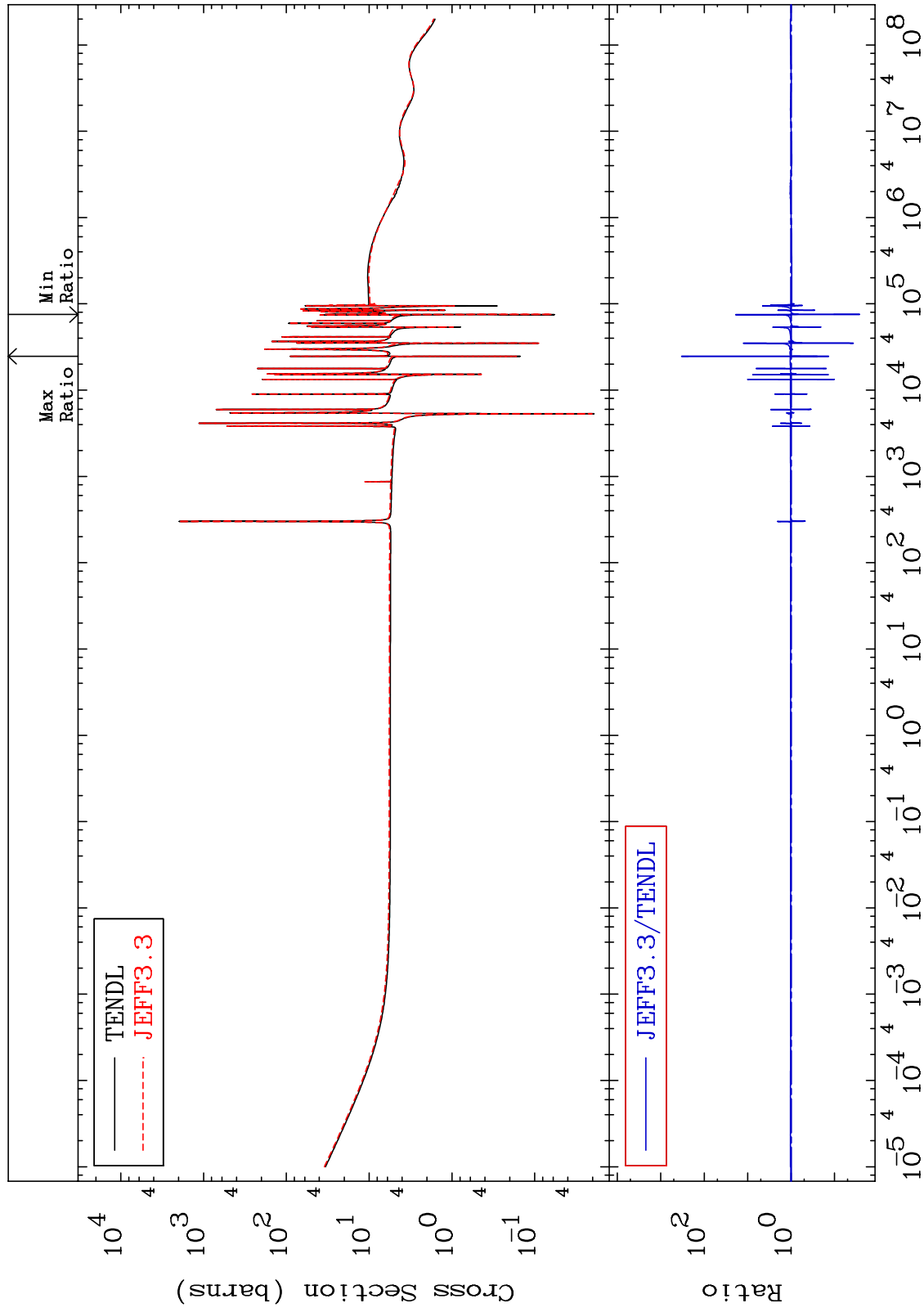
MAT 4043

Total

40-Zr-96

Cross Section

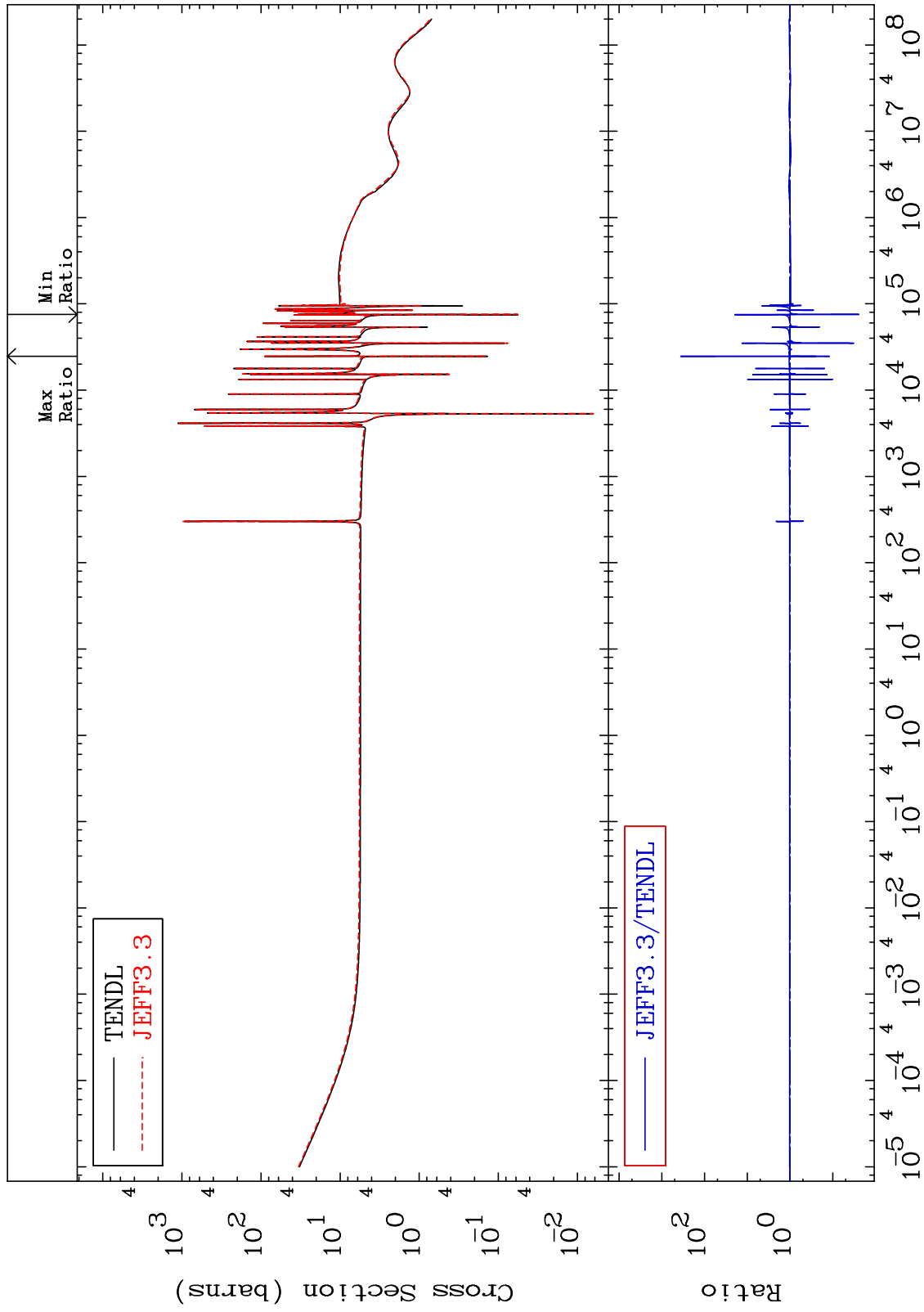
-97.37 To 9999. %



MAT 4043

Elastic  
Cross Section

40-Zr-96  
-97.56 To 9999. %



2

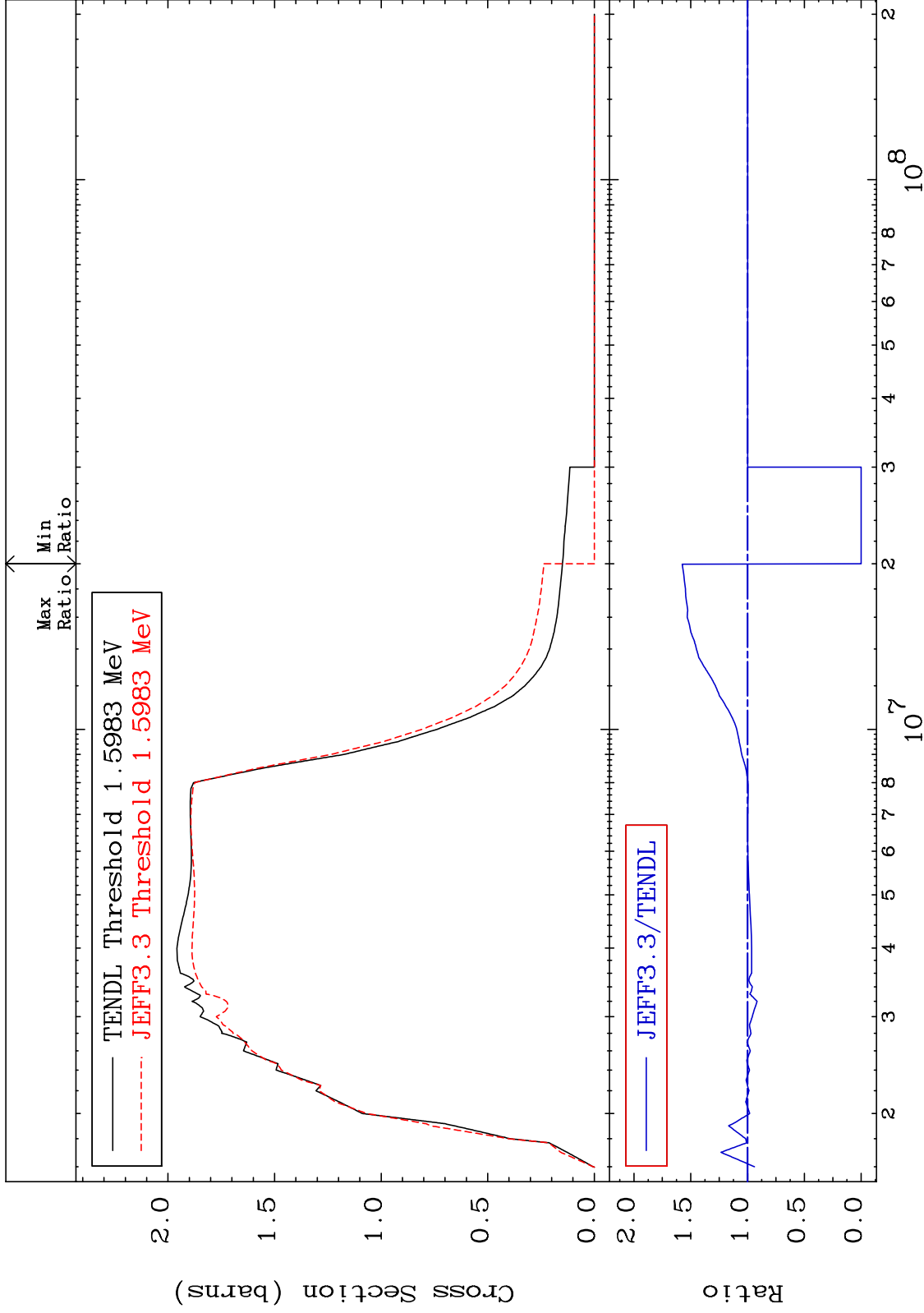
Incident Energy (eV)

40-Zr-96

MAT 4043

Inelastic  
Cross Section

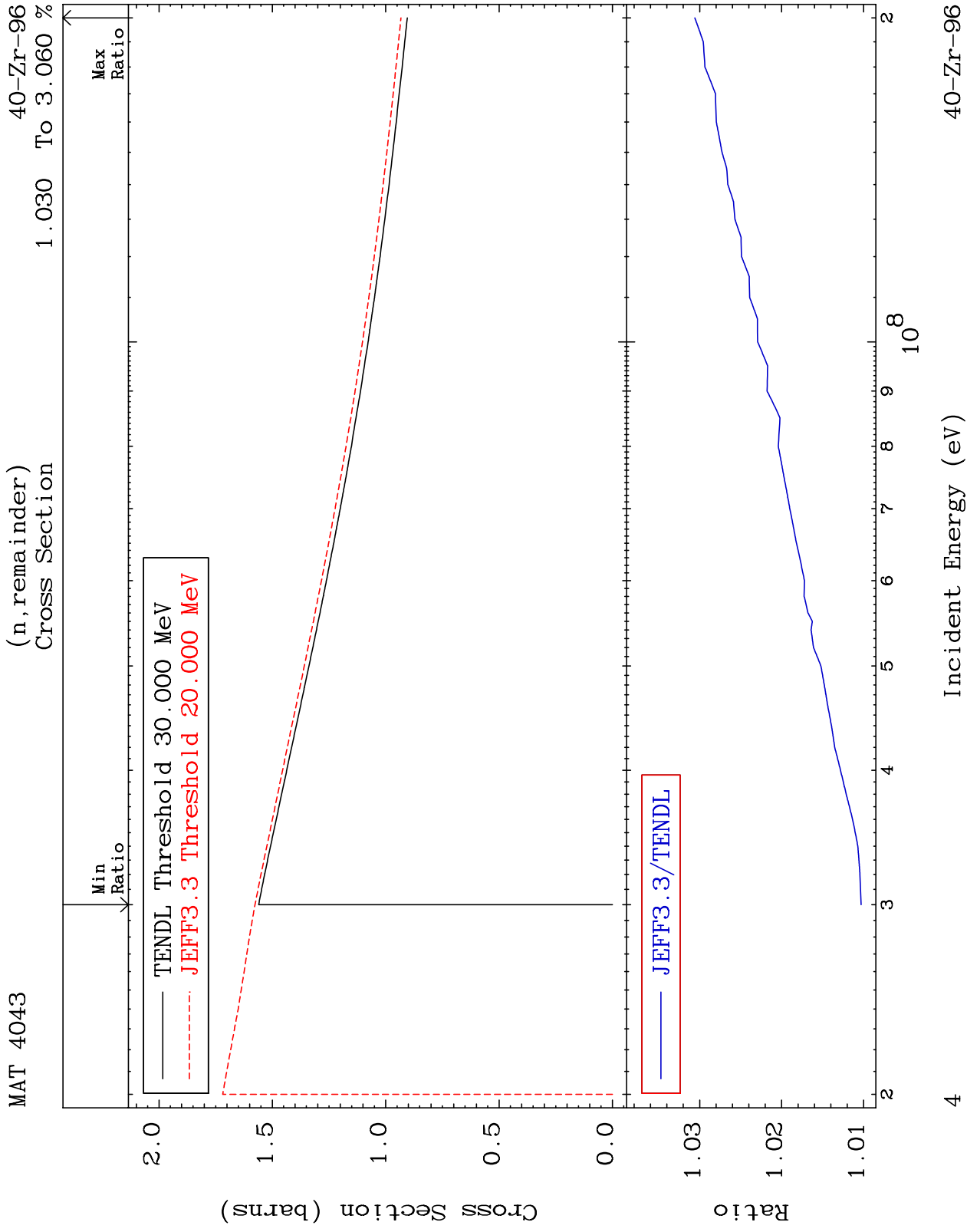
40-Zr-96  
-100.0 To 57.68 %



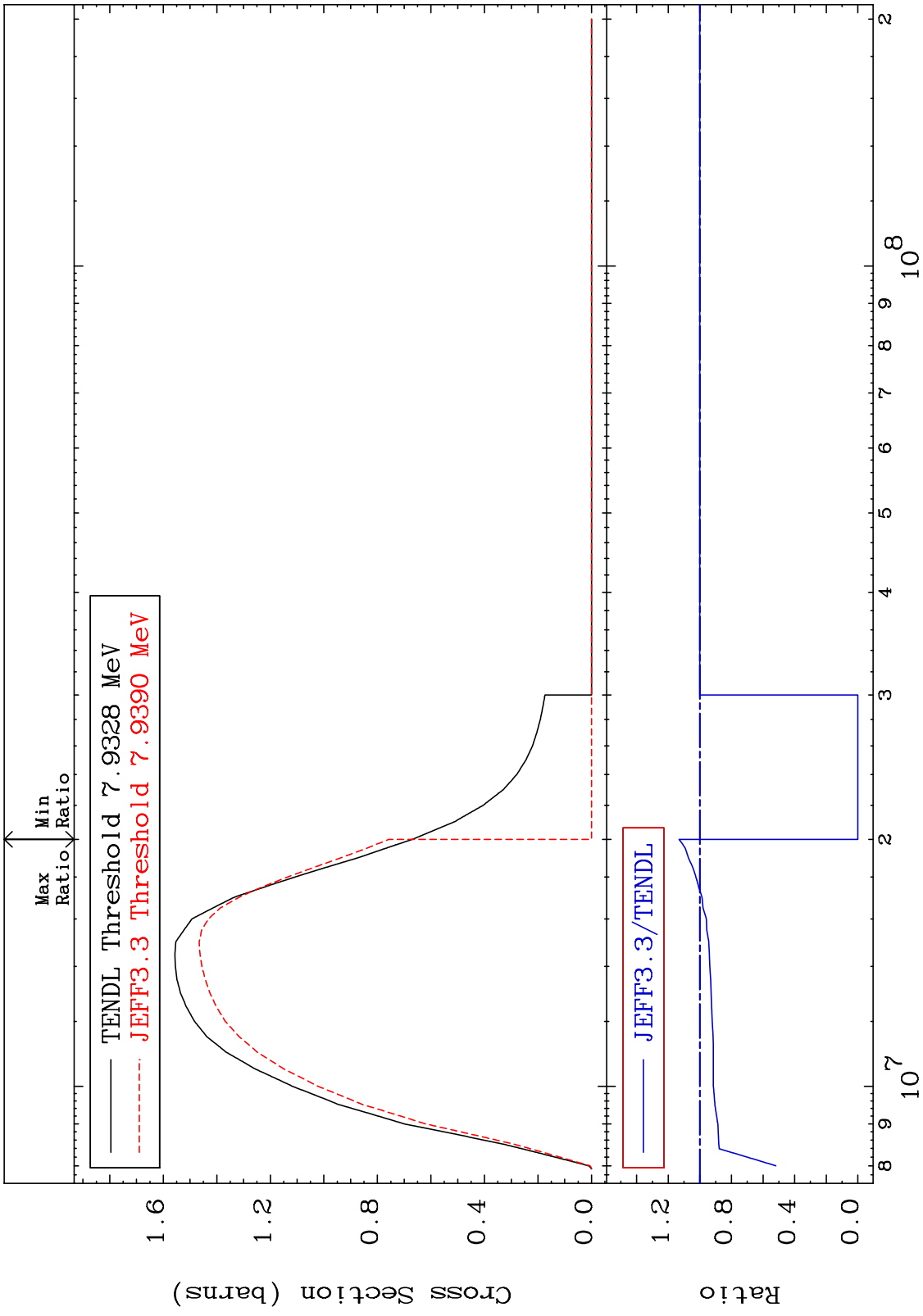
3

Incident Energy (eV)

40-Zr-96



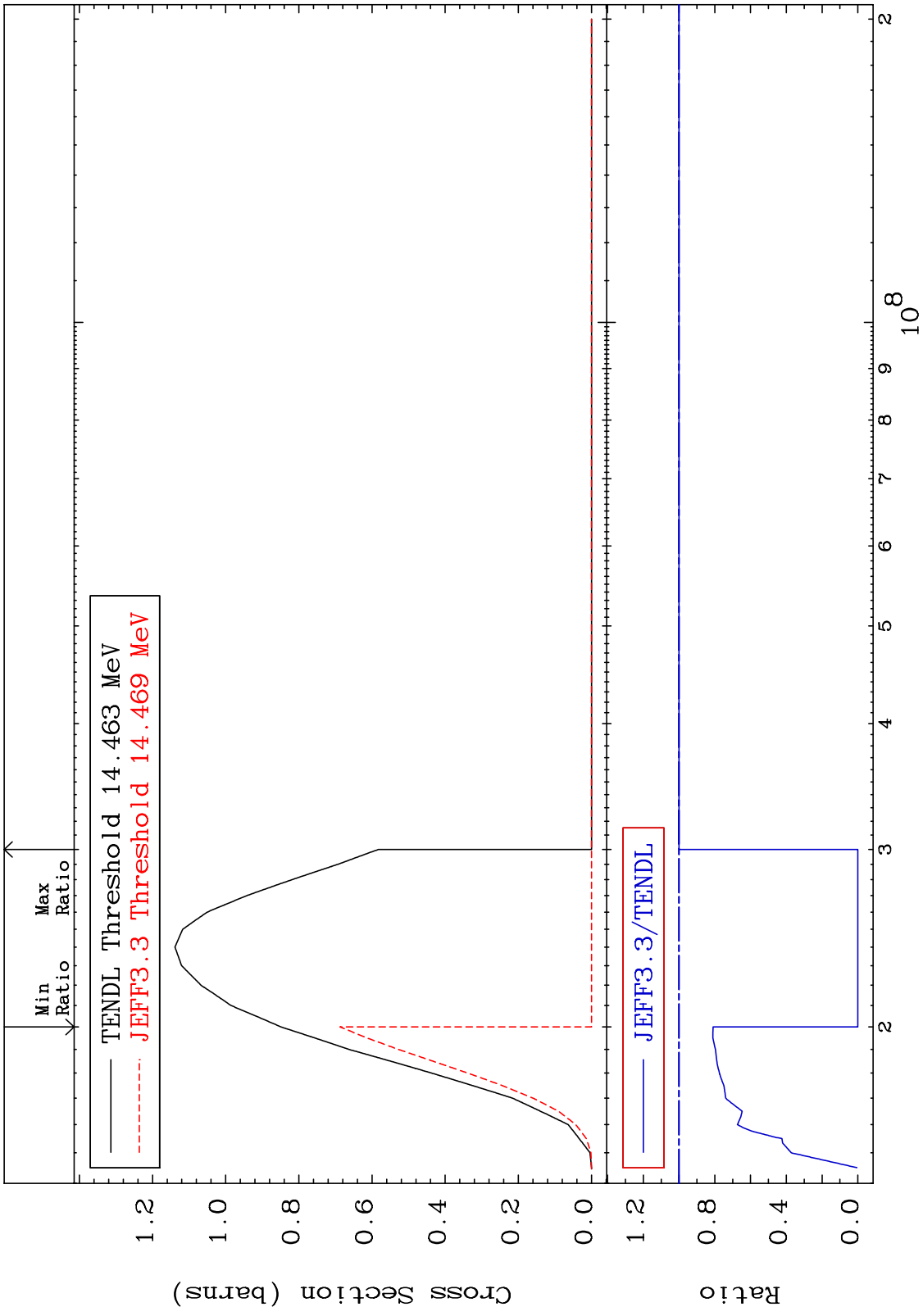
MAT 4043 40-Zr-96  
-100.0 To 13.17 %  
 (n,2n)  
 Cross Section



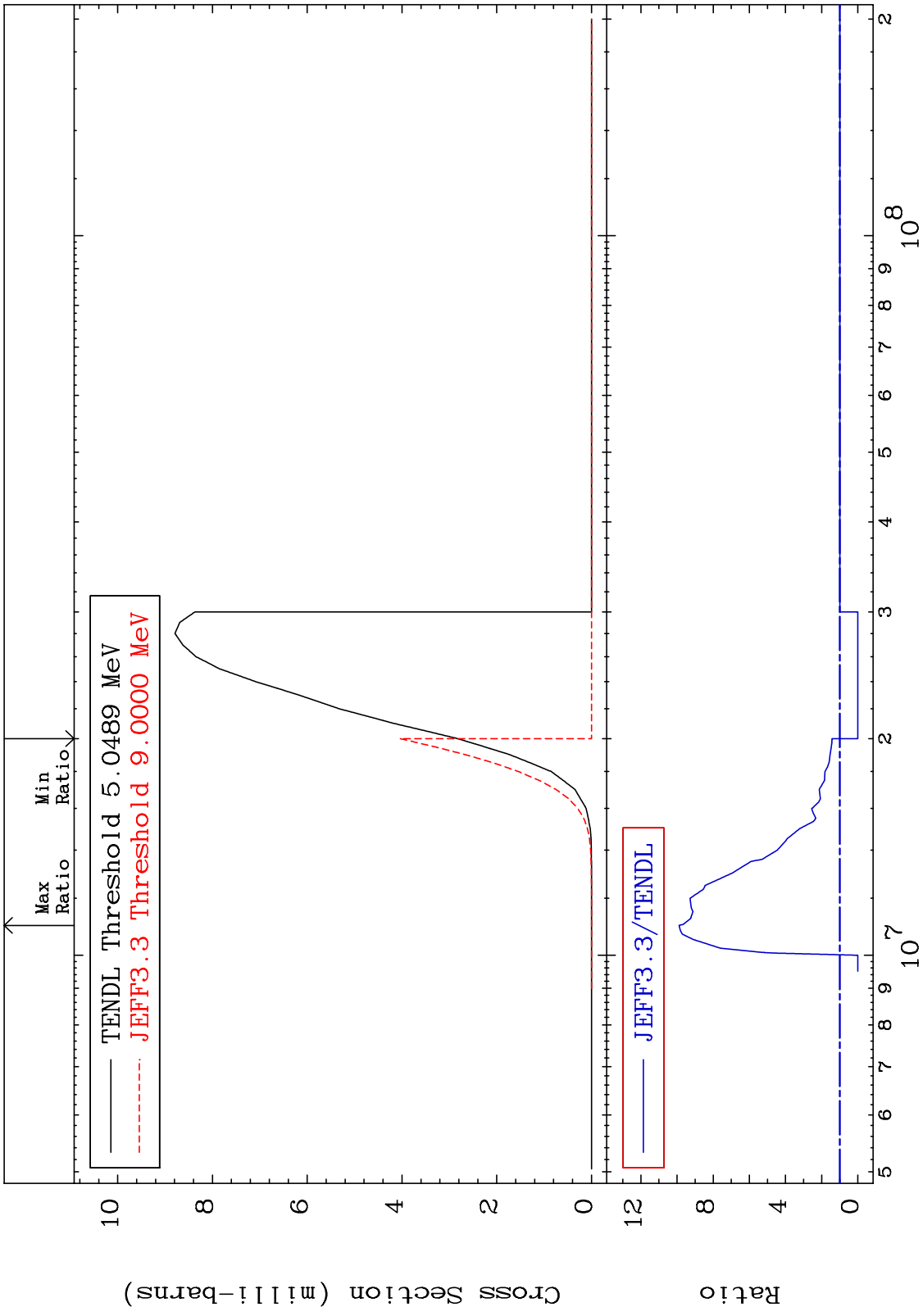
5 40-Zr-96

MAT 4043 40-Zr-96  
-100.0 To 0.000 %

(n,3n)  
 Cross Section



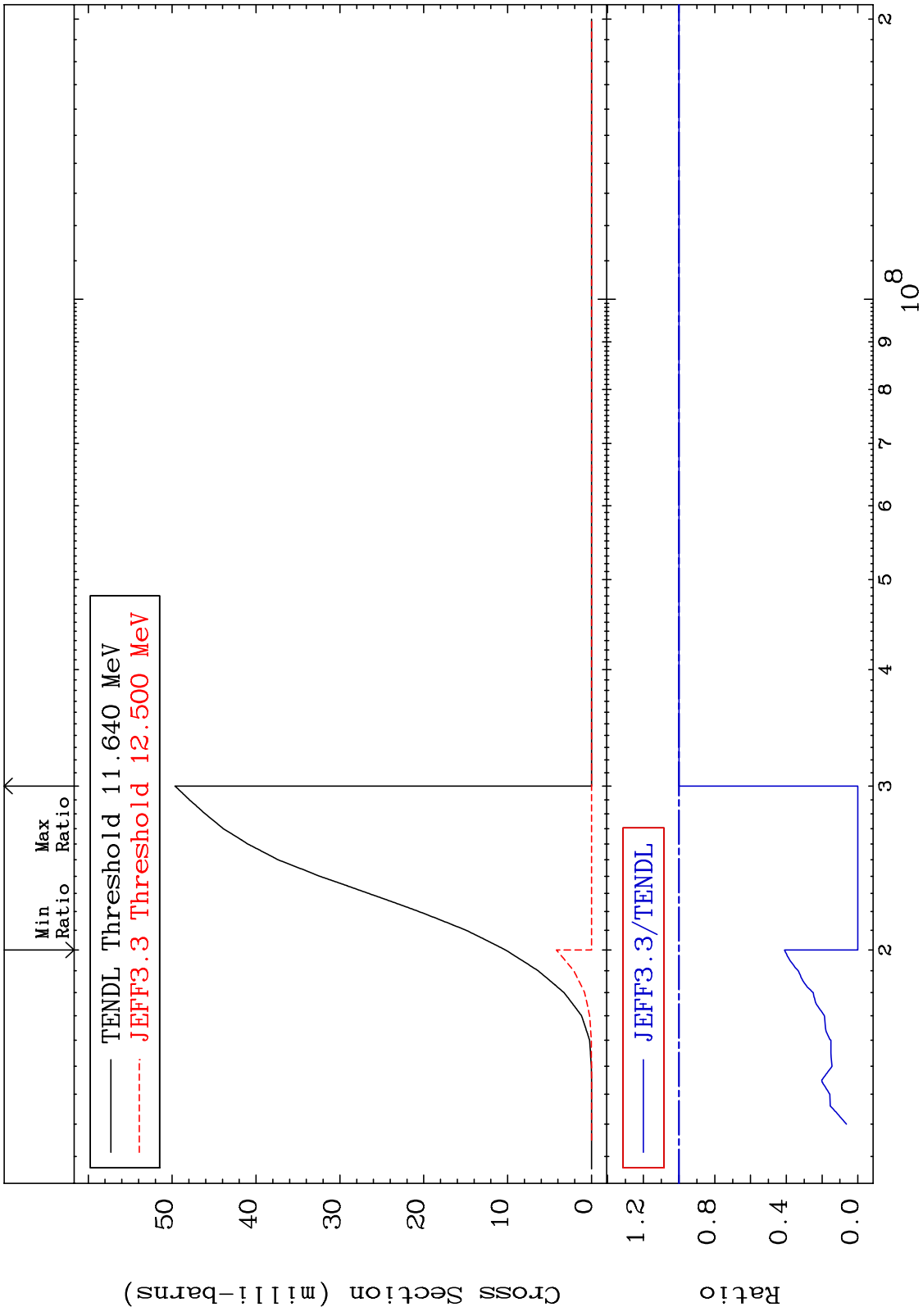
MAT 4043  $(n, n') \alpha$  40-Zr-96  
 Cross Section -100.0 To 888.8 %



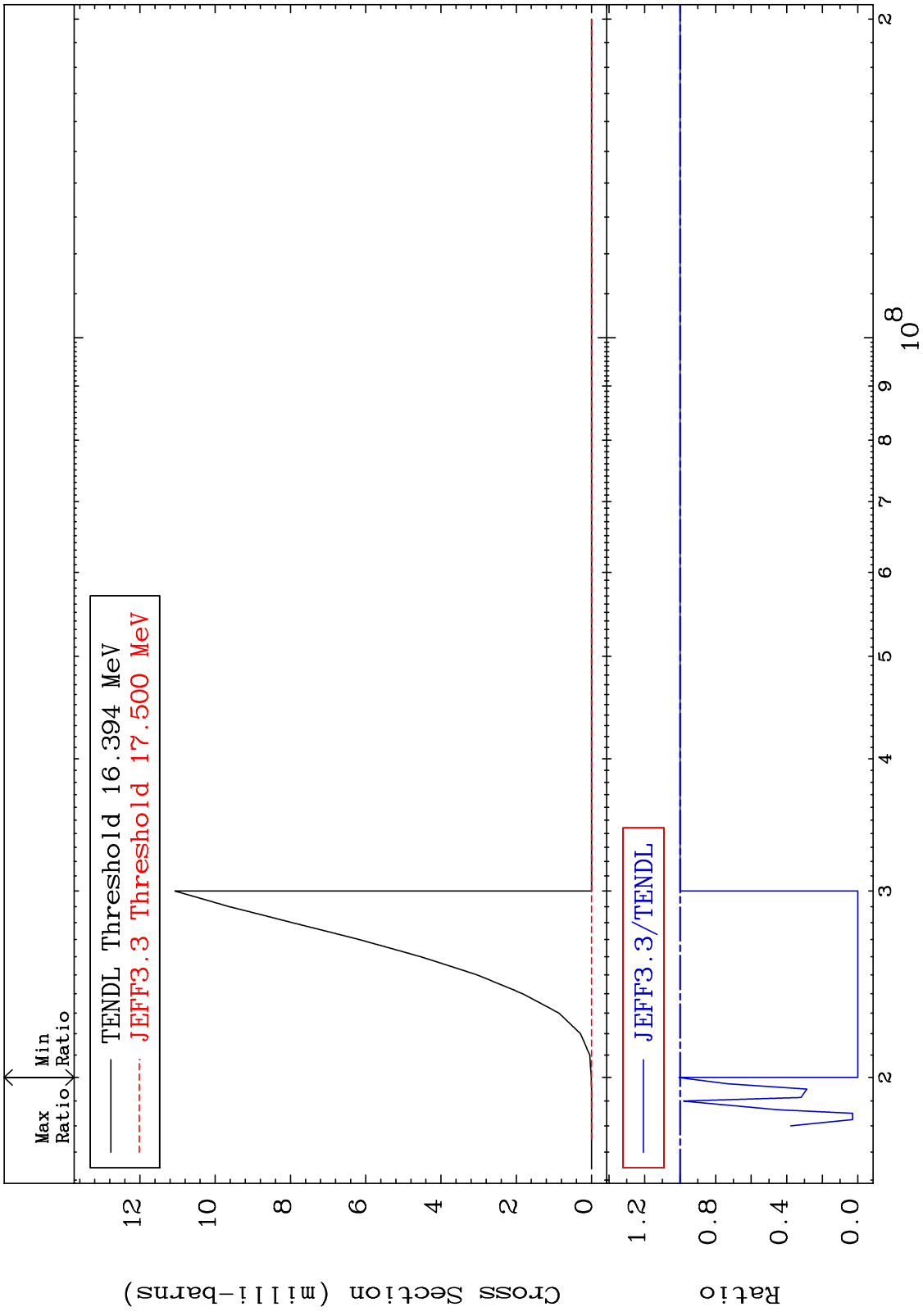
7 Incident Energy (eV) 40-Zr-96



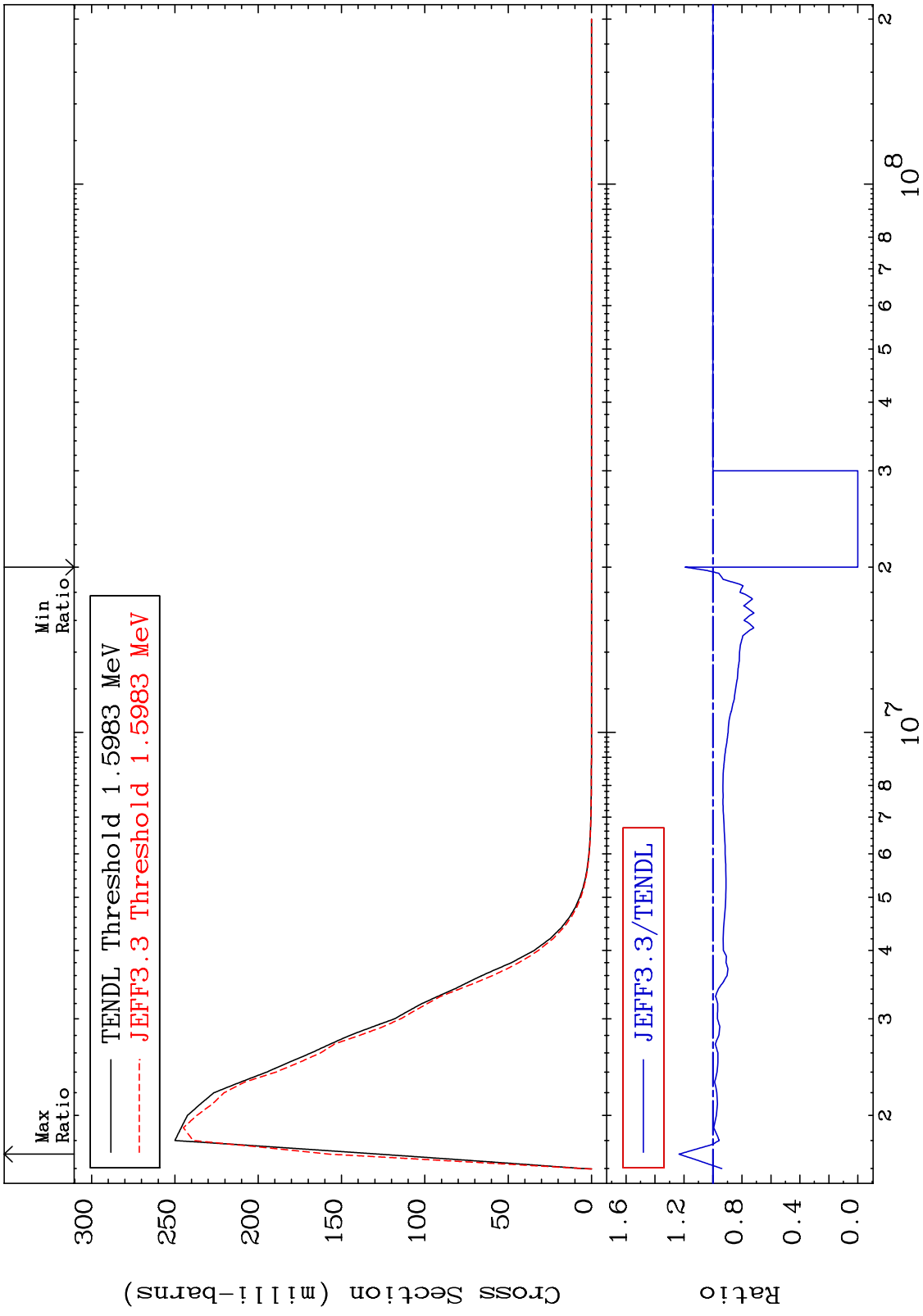
MAT 4043  $(n, n')$  p 40-Zr-96  
 Cross Section -100.0 To 0.000 %



MAT 4043 (n, n') d 40-Zr-96  
 Cross Section -100.0 To 0.593 %

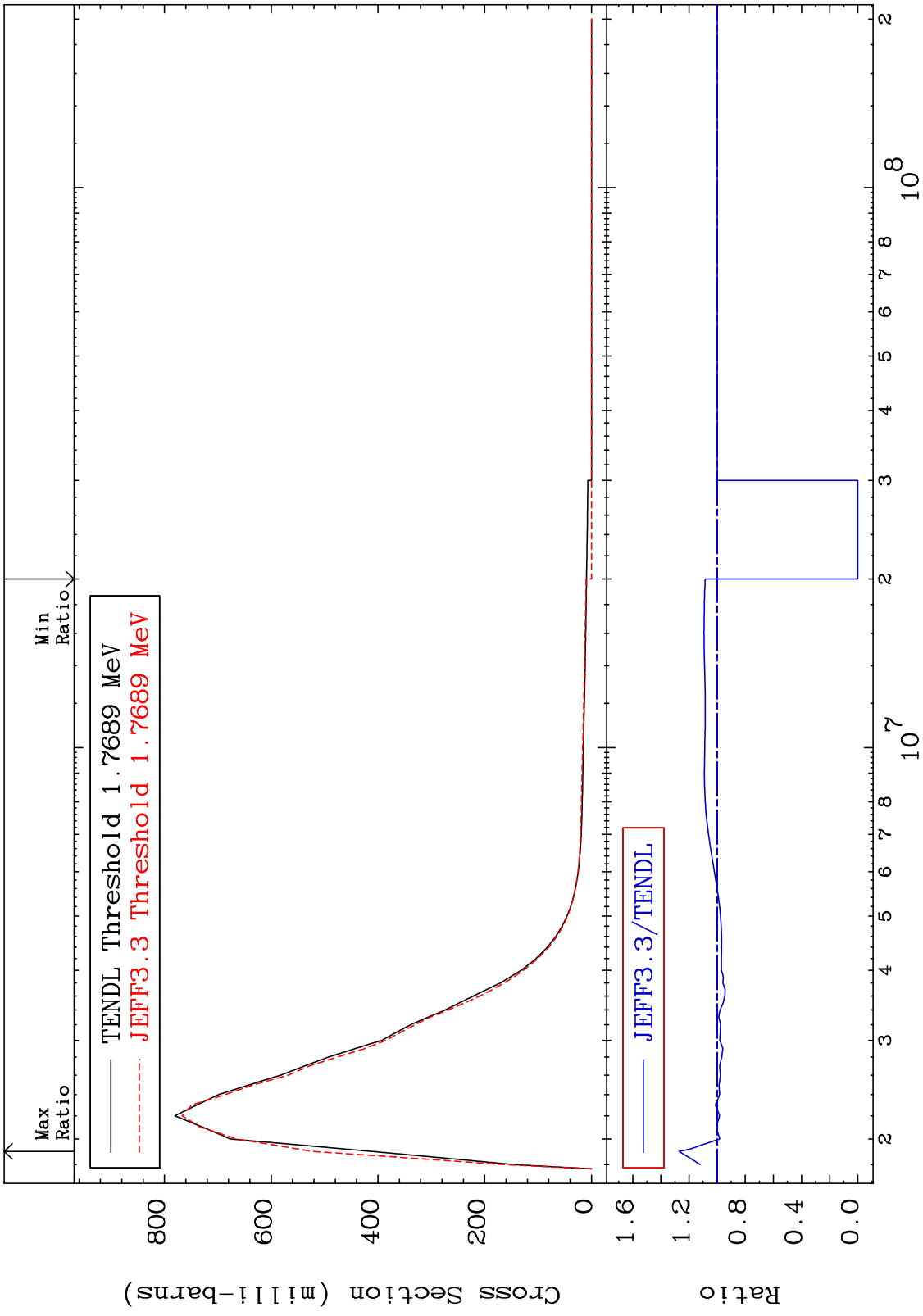


MAT 4043 MT= 51 (n,n') Level Cross Section -100.0 To 23.41 % 40-Zr-96

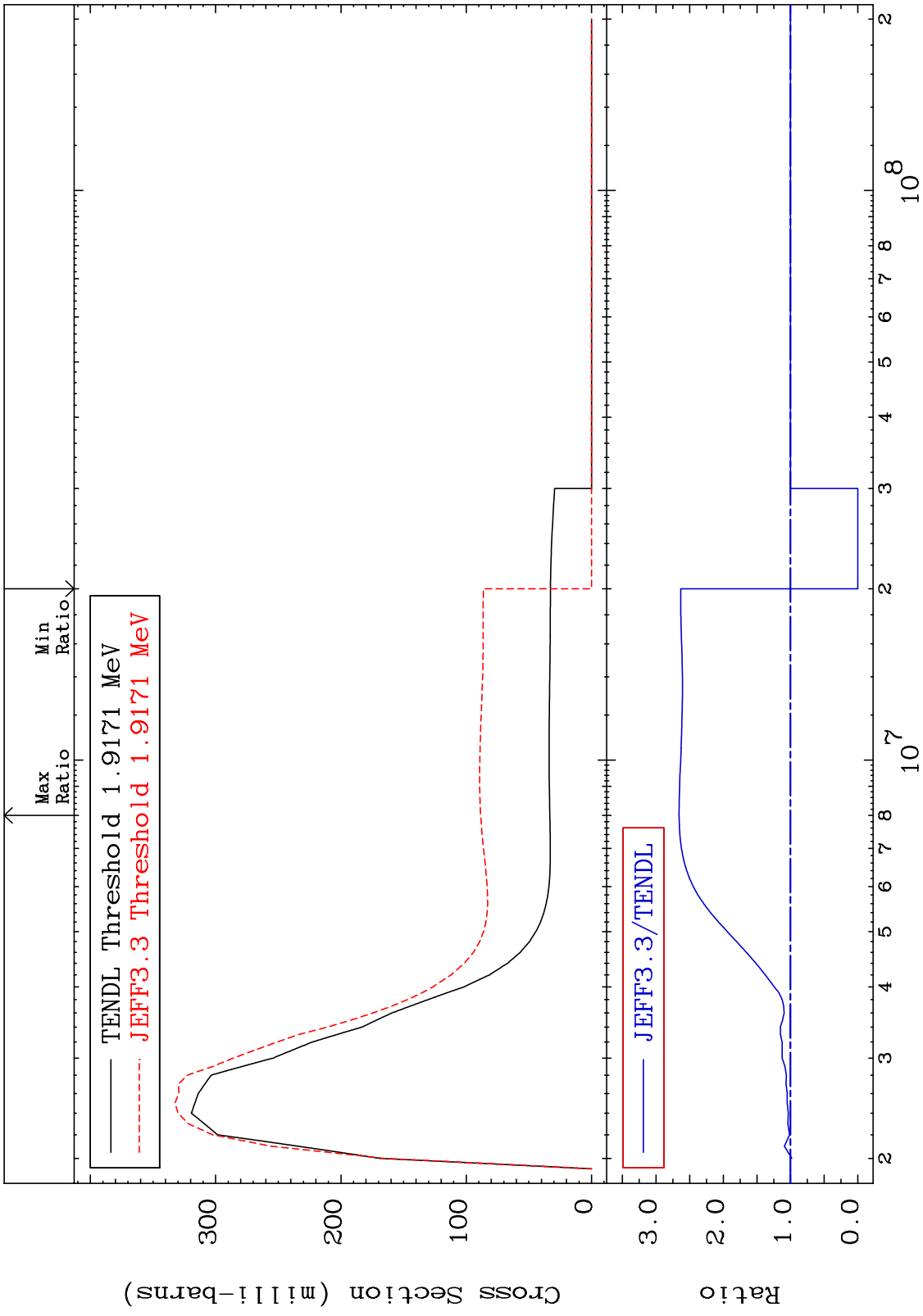


10 Incident Energy (eV) 40-Zr-96

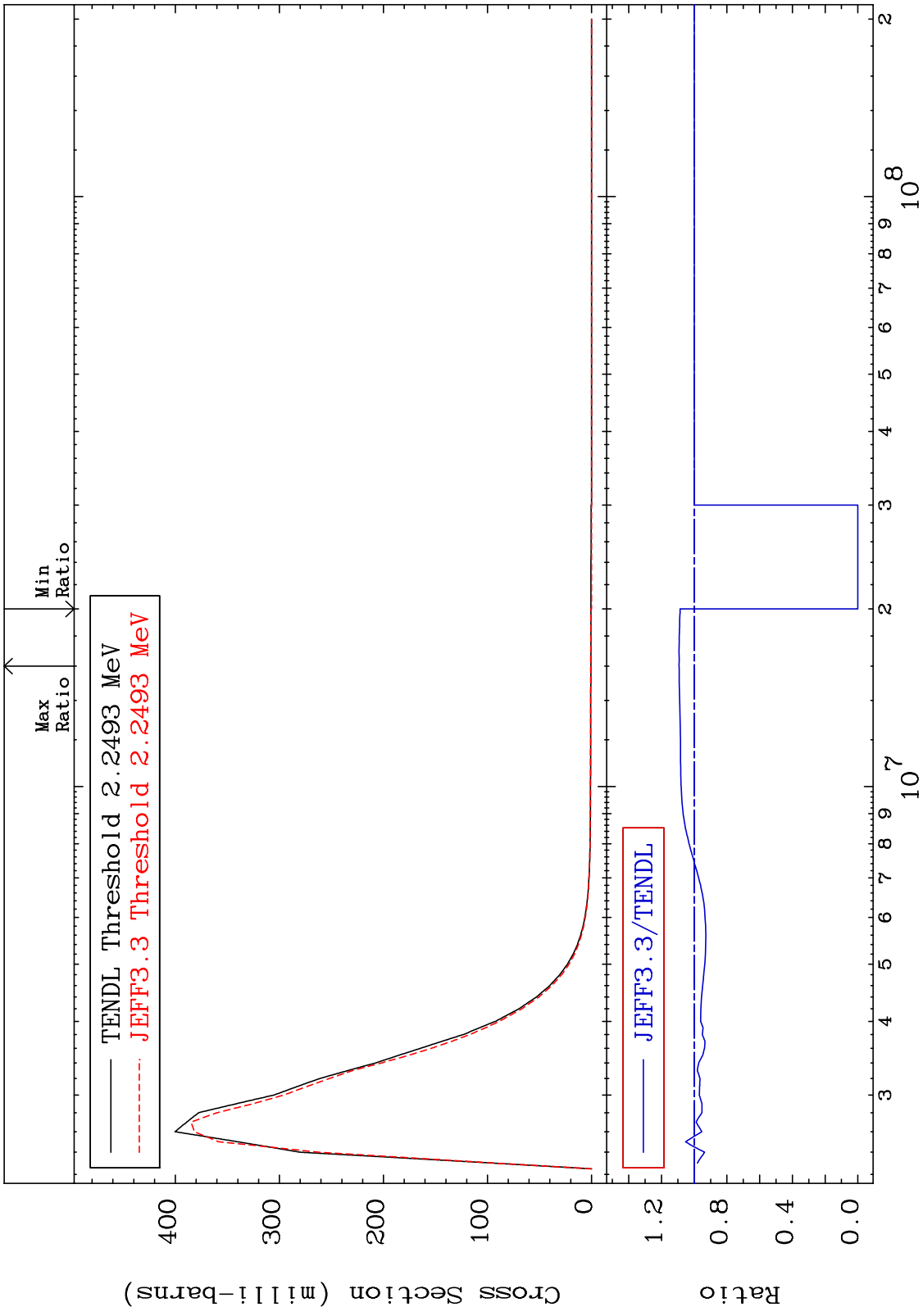
MAT 4043 MT= 52 (n,n') Level Cross Section -100.0 To 27.11 % 40-Zr-96



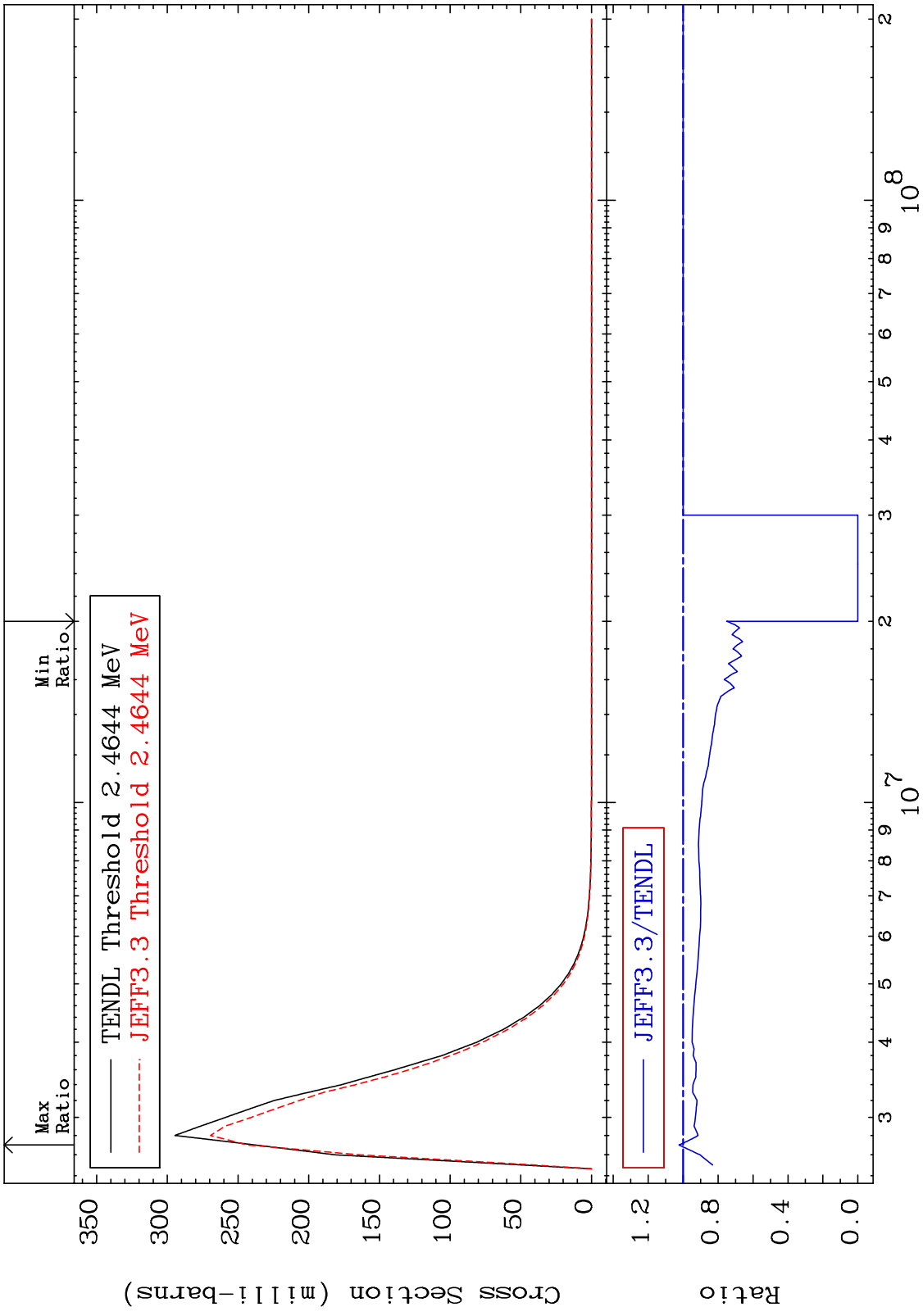
MAT 4043 MT= 53 (n,n') Level Cross Section -100.0 To 165.8 % 40-Zr-96



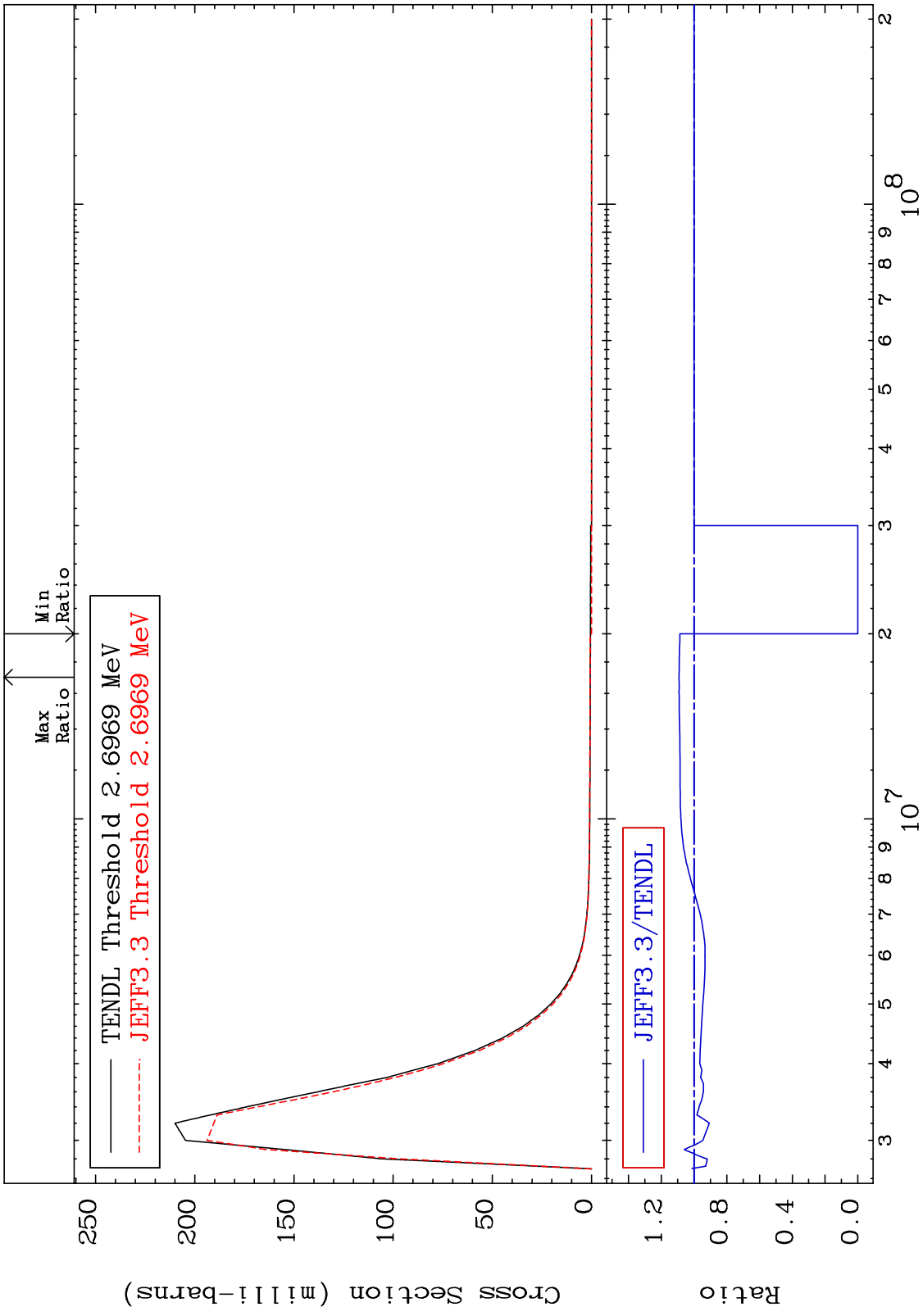
MAT 4043 MT= 54 (n,n') Level Cross Section -100.0 To 9.265 % 40-Zr-96



MAT 4043 MT= 55 (n,n') Level Cross Section -100.0 To 2.340 % 40-Zr-96

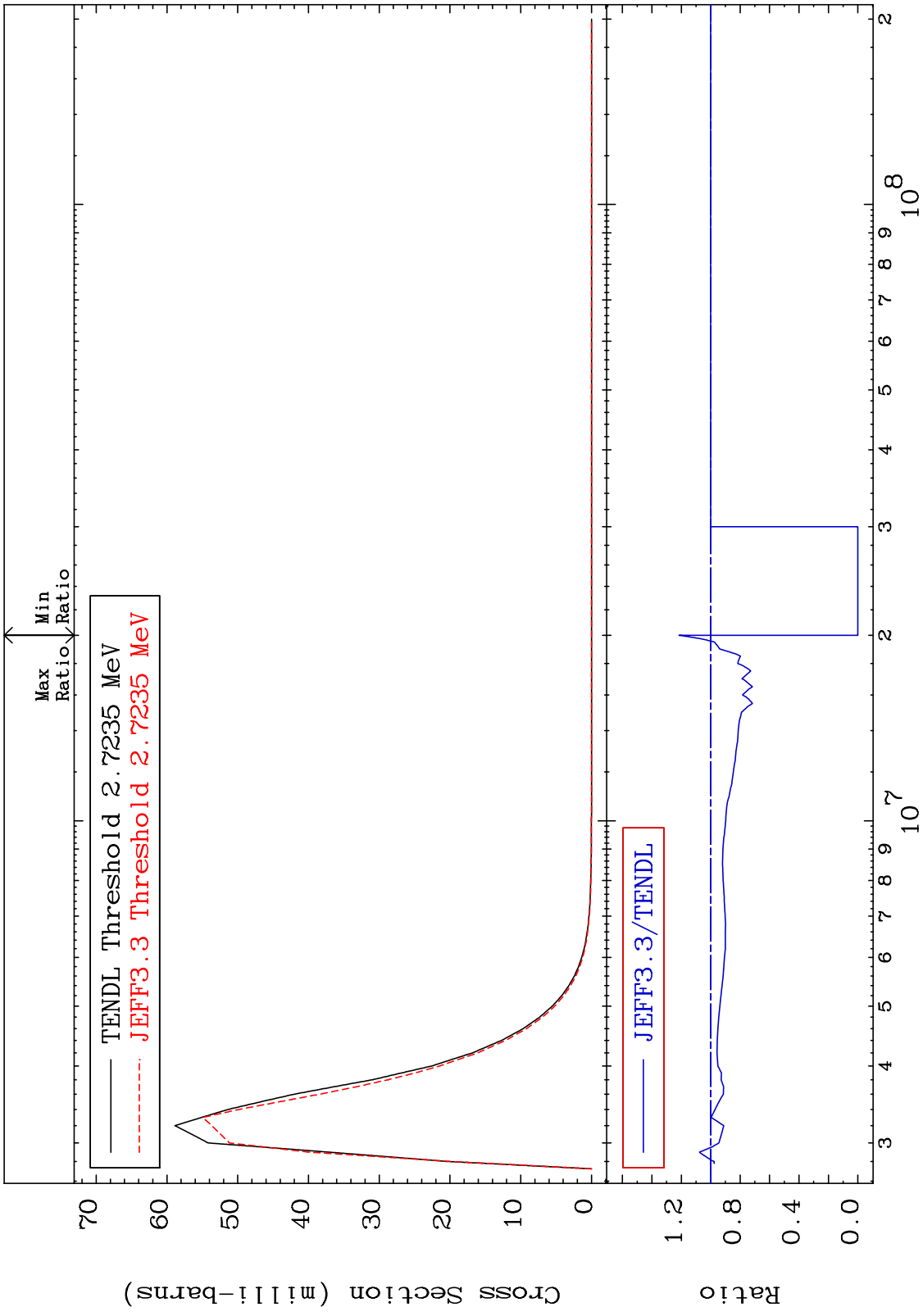


MAT 4043 MT= 56 (n,n') Level Cross Section -100.0 To 9.161 % 40-Zr-96

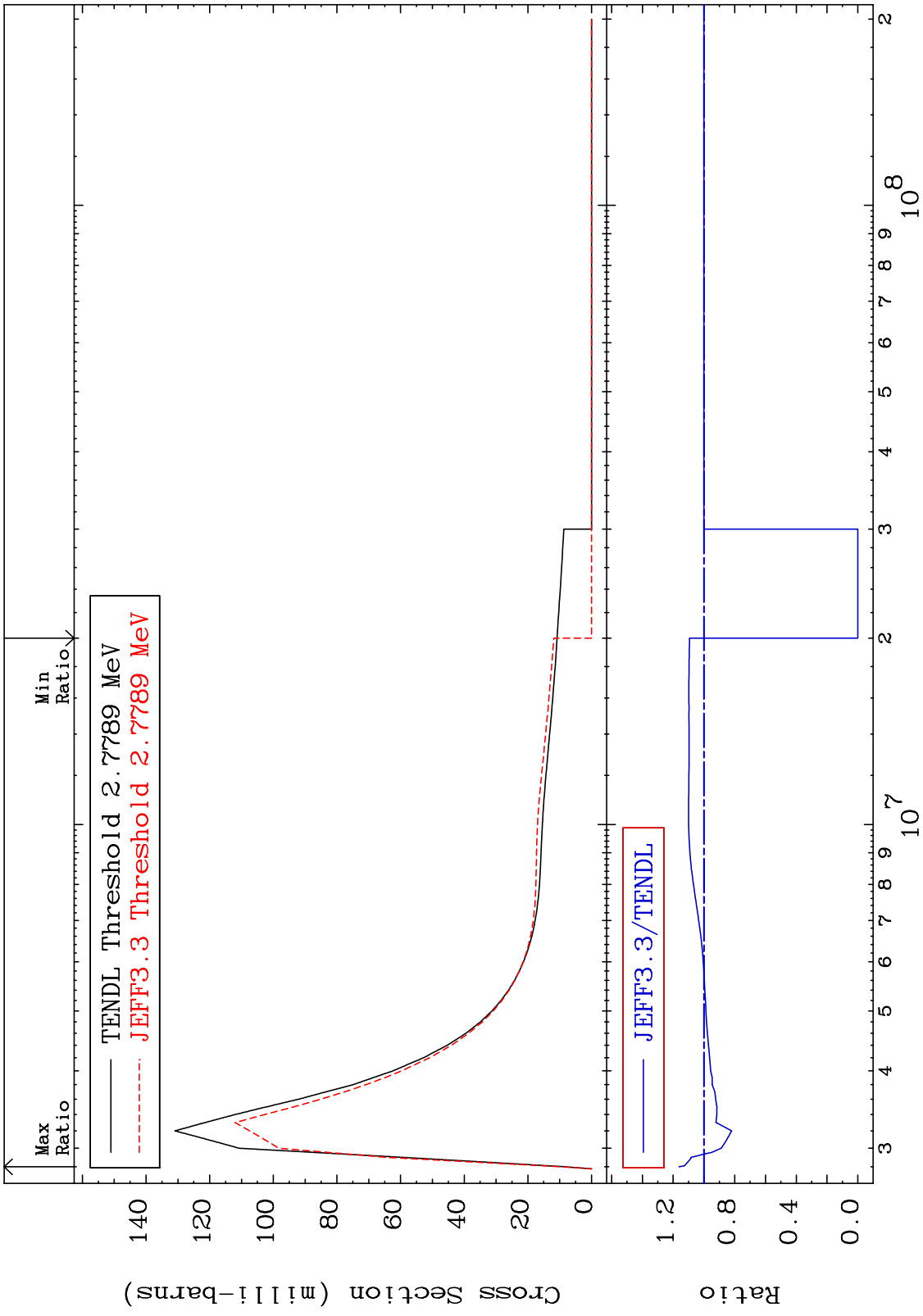




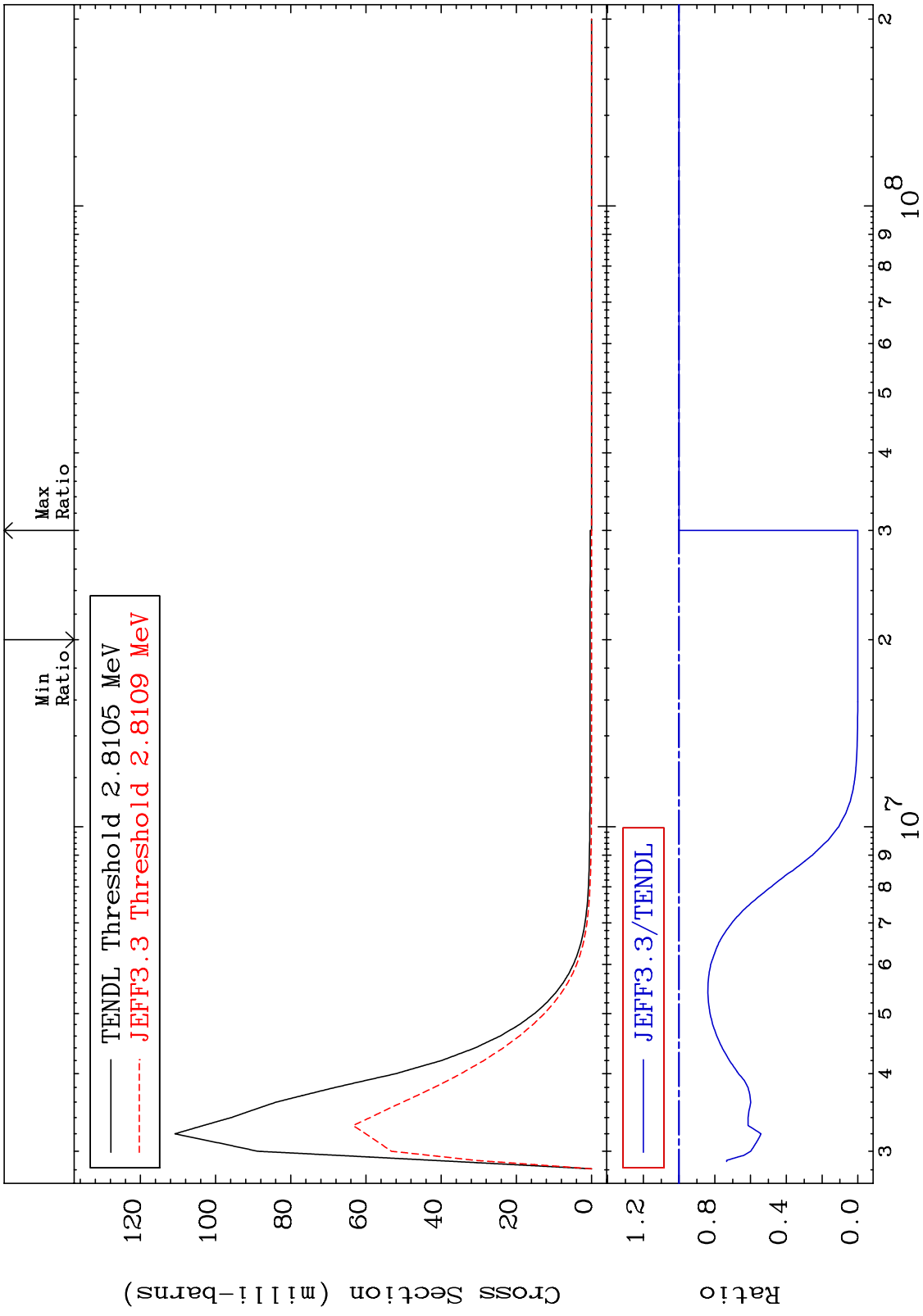
MAT 4043 MT= 57 (n,n') Level Cross Section -100.0 To 21.53 % 40-Zr-96



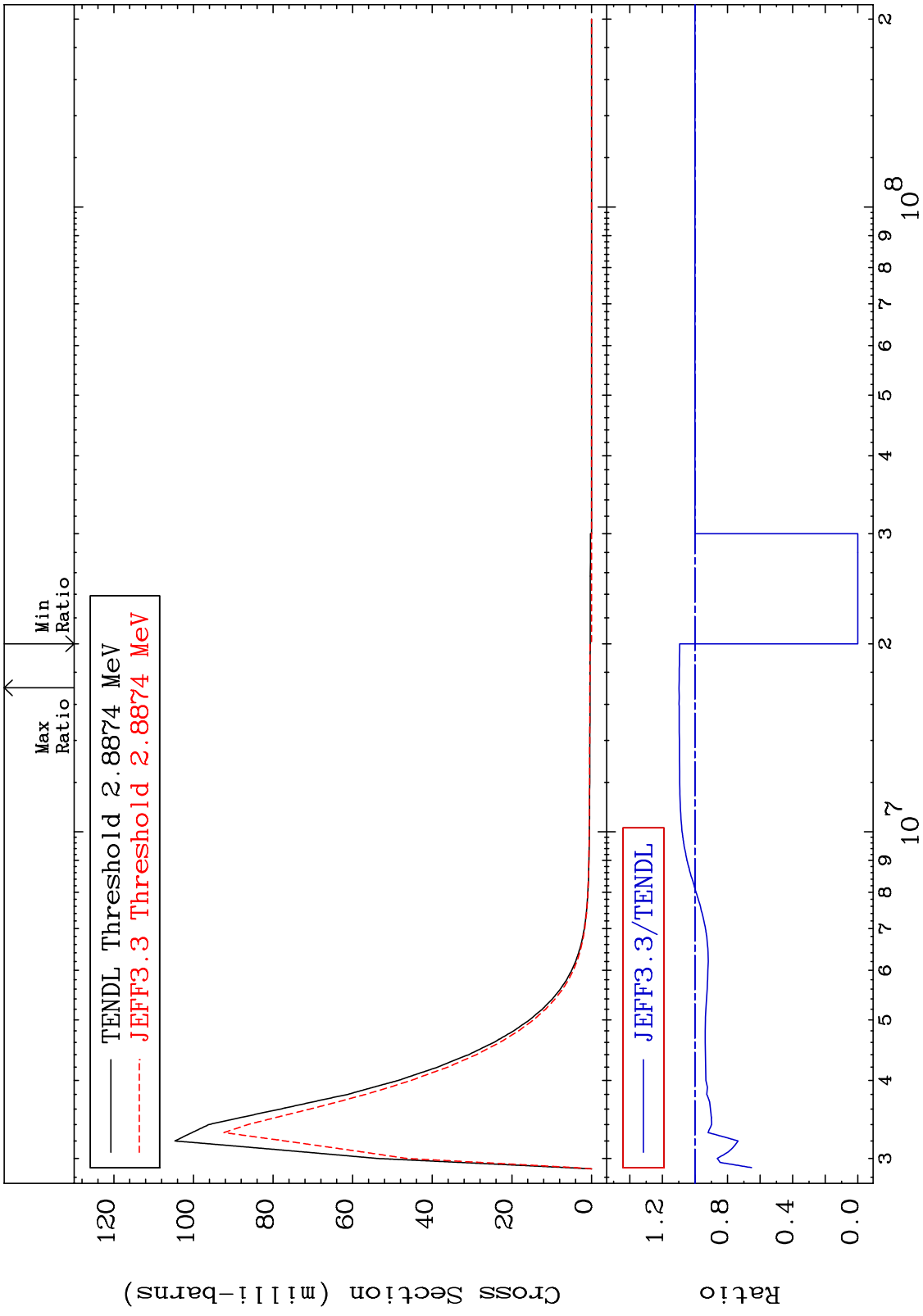
MAT 4043 MT= 58 (n,n') Level Cross Section -100.0 To 16.18 % 40-Zr-96



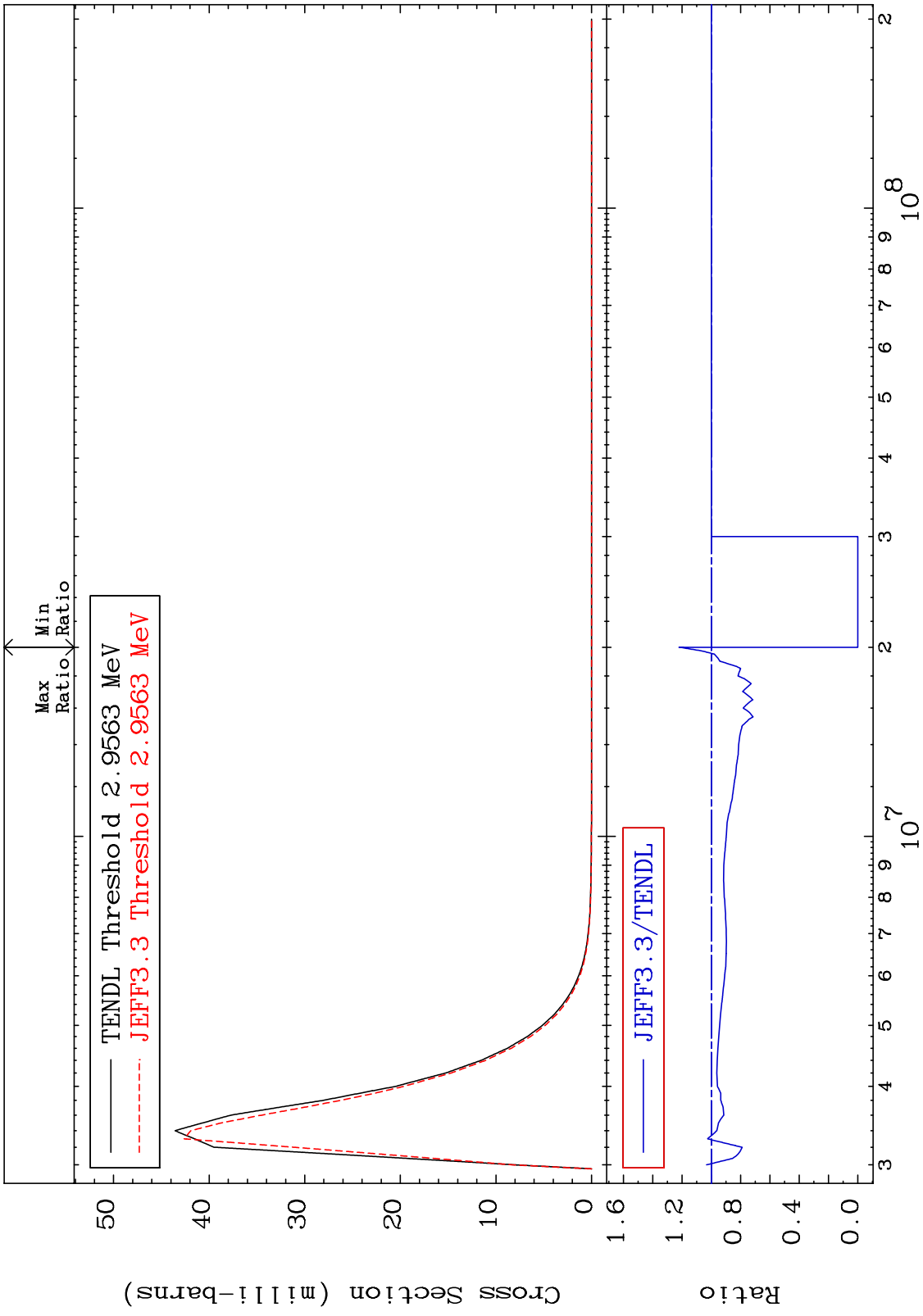
MAT 4043 MT= 59 (n,n') Level Cross Section -100.0 To 0.000 % 40-Zr-96



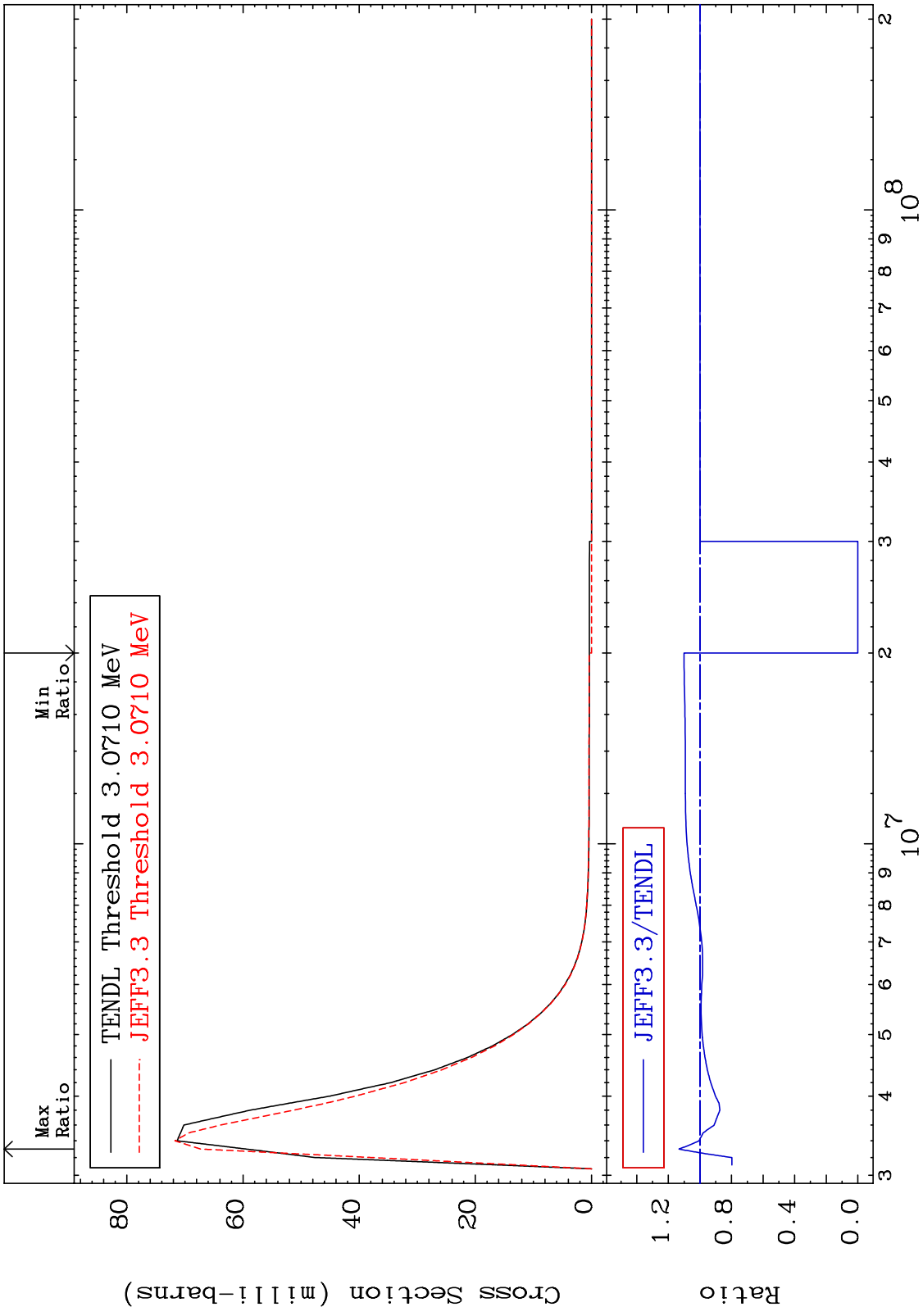
MAT 4043 MT= 60 (n,n') Level Cross Section -100.0 To 9.800 % 40-Zr-96



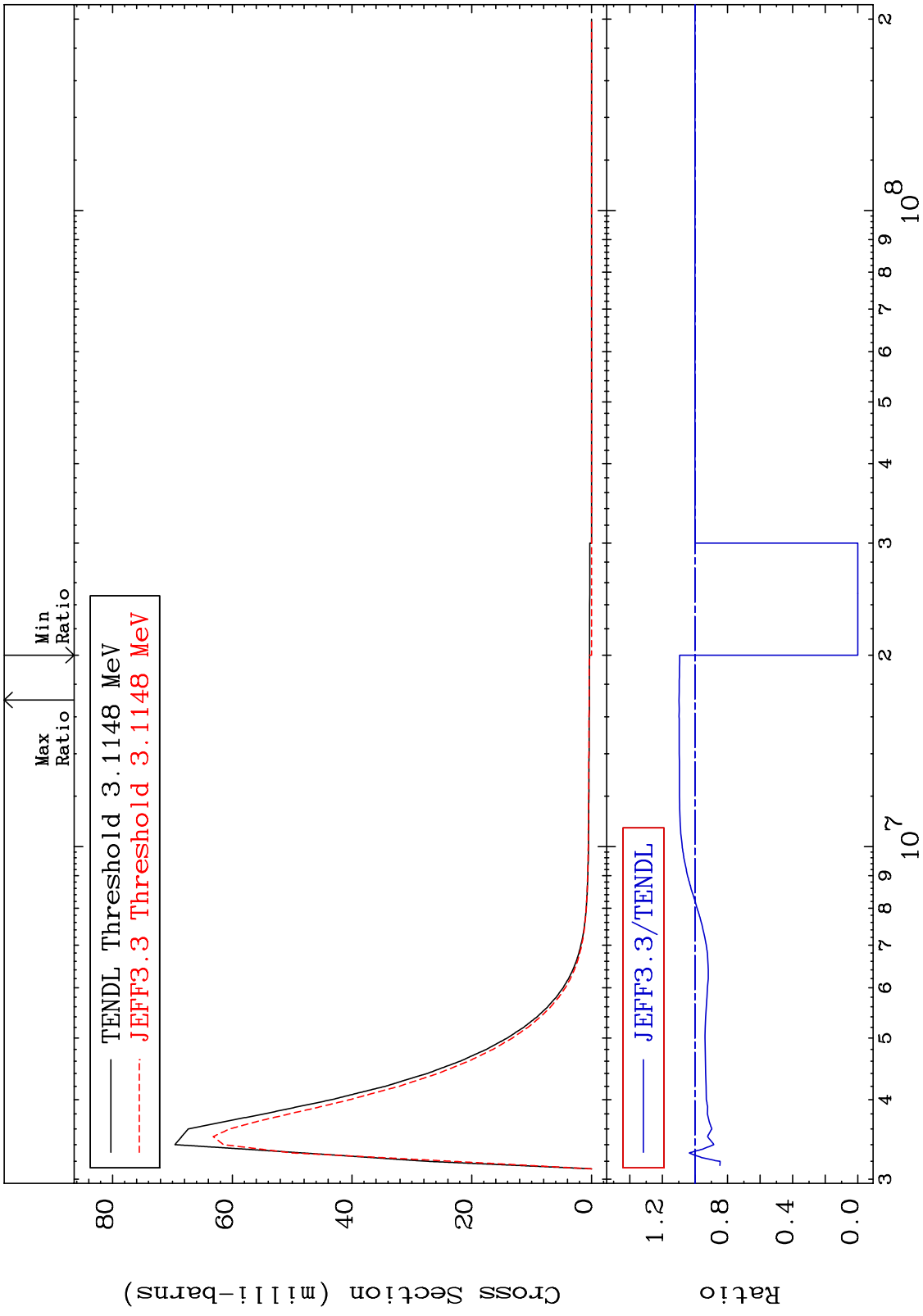
MAT 4043 MT= 61 (n,n') Level Cross Section -100.0 To 22.05 % 40-Zr-96



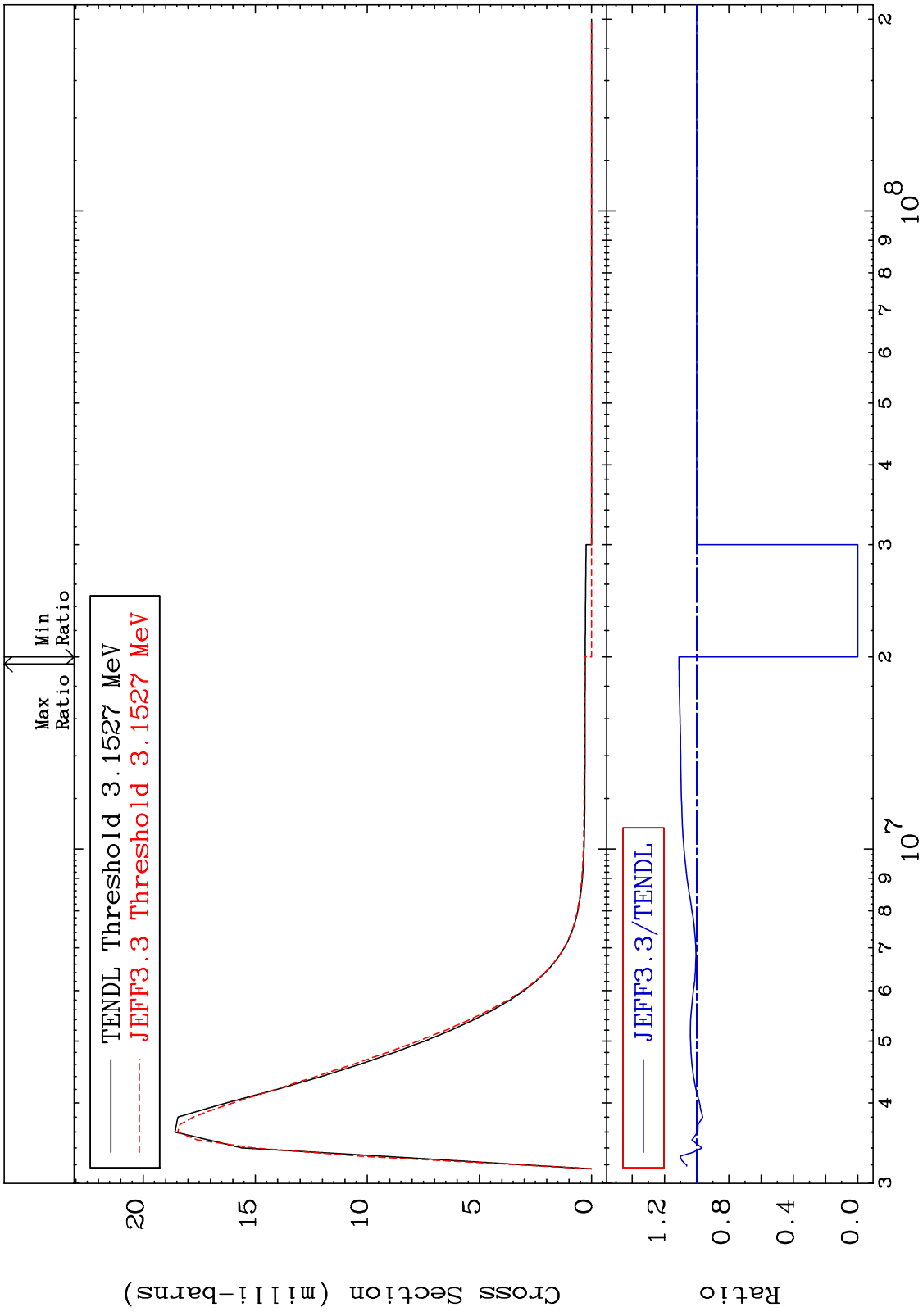
MAT 4043 MT= 62 (n,n') Level Cross Section -100.0 To 13.22 % 40-Zr-96



MAT 4043 MT= 63 (n,n') Level Cross Section -100.0 To 9.784 % 40-Zr-96

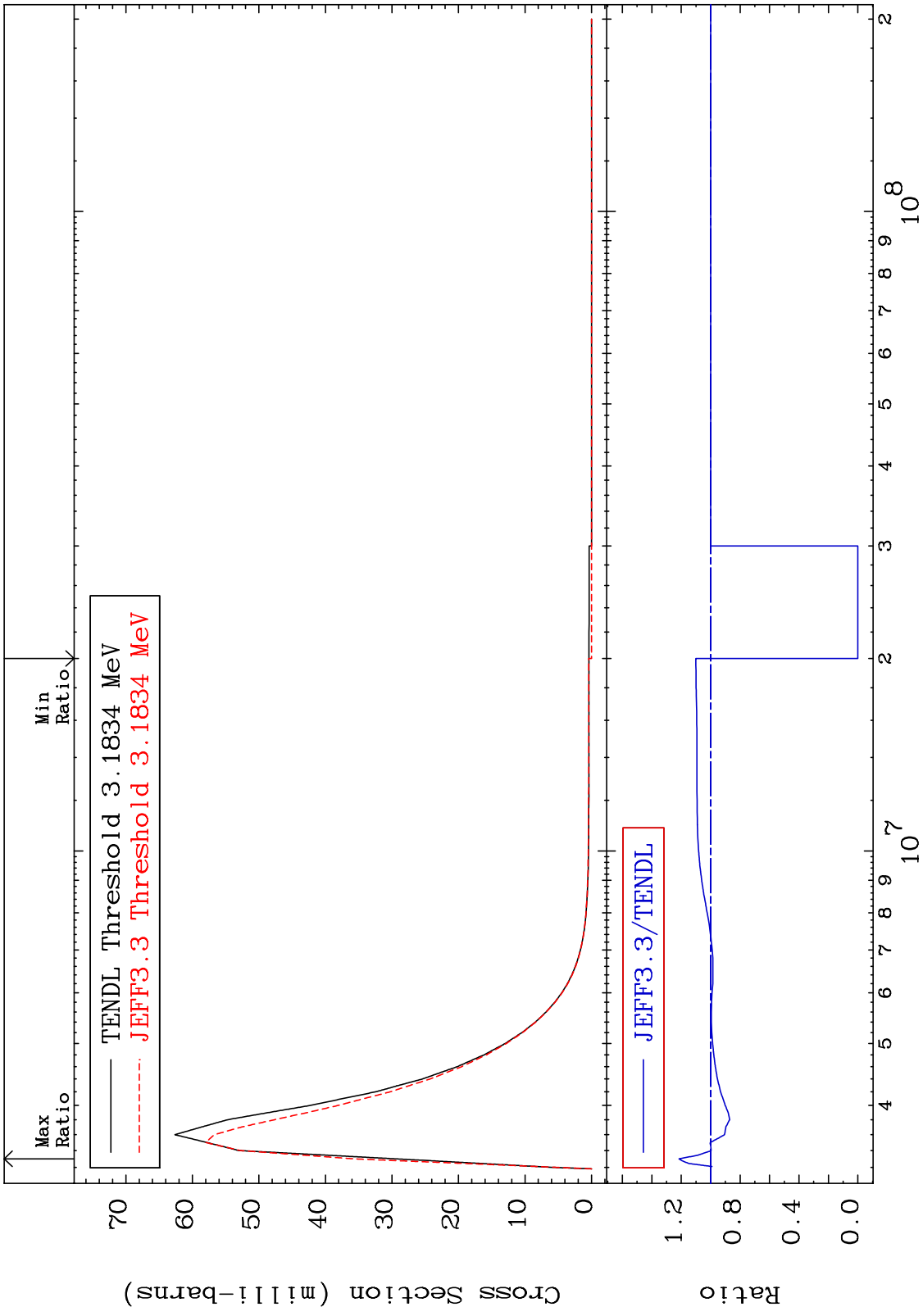


MAT 4043 MT= 64 (n,n') Level Cross Section -100.0 To 10.94 % 40-Zr-96

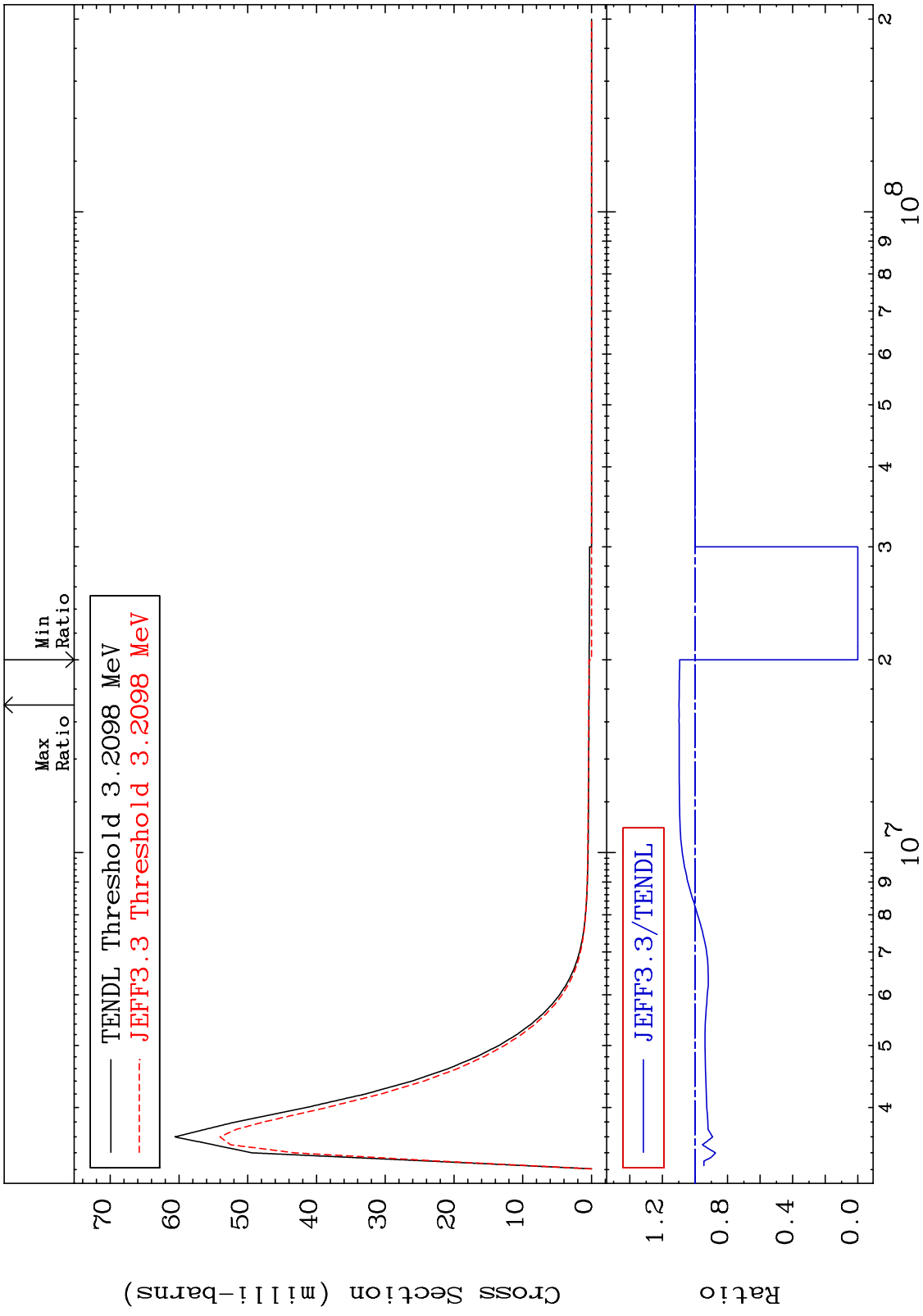




MAT 4043 MT= 65 (n,n') Level Cross Section 40-Zr-96  
 -100.0 To 21.48 %



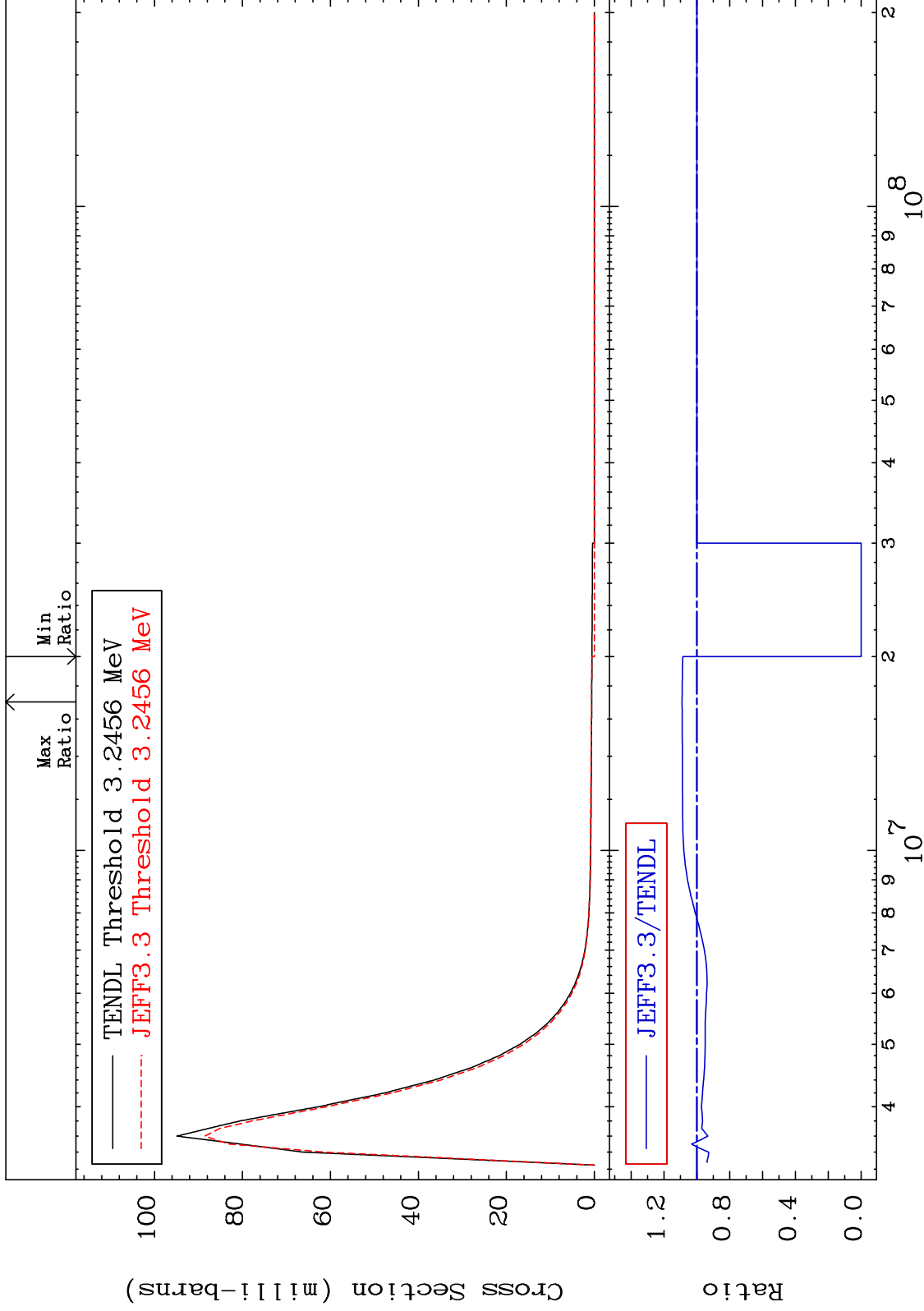
MAT 4043 MT= 66 (n,n') Level Cross Section -100.0 To 9.776 % 40-Zr-96



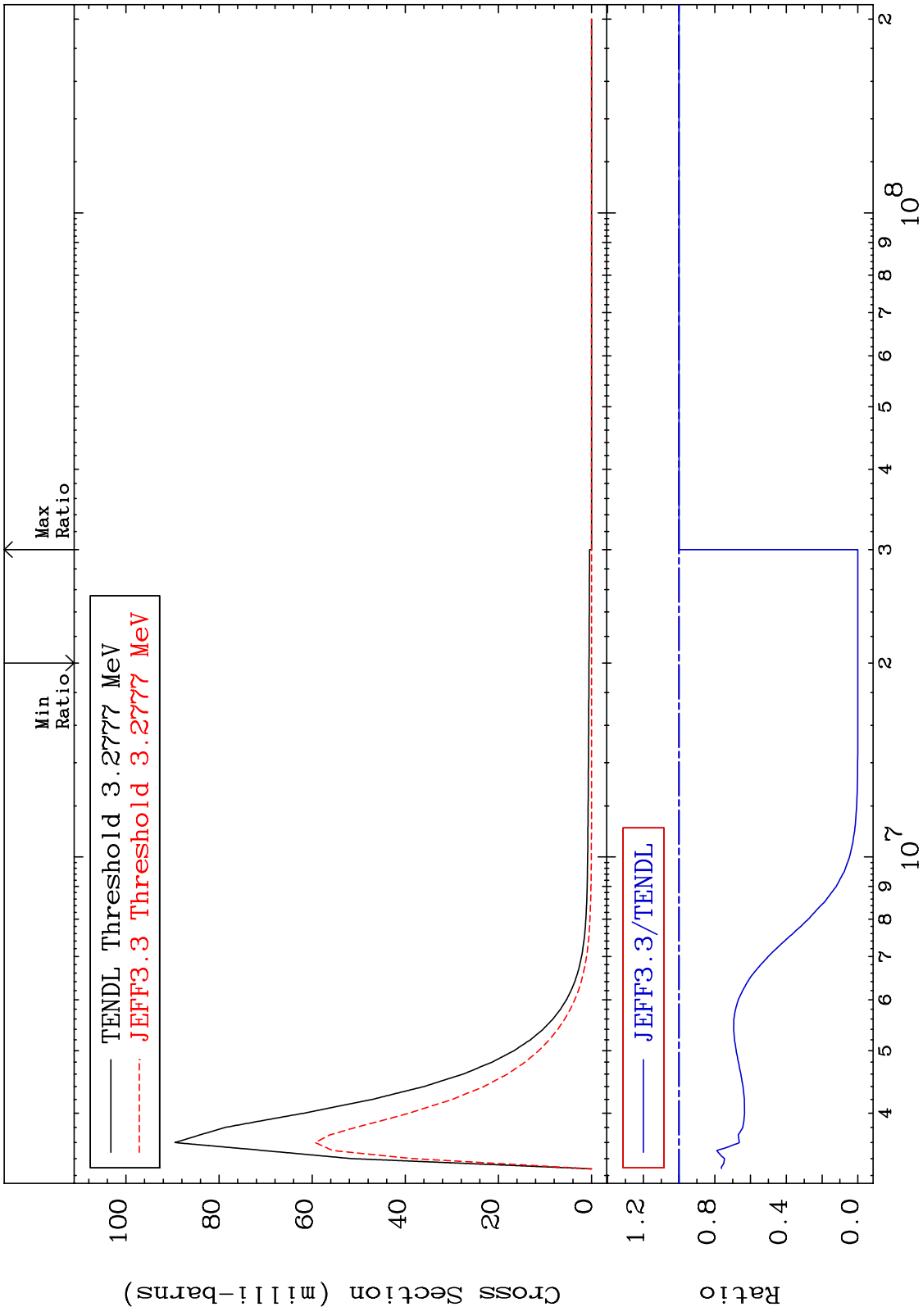
MAT 4043

MT= 67 (n,n') Level  
Cross Section

40-Zr-96  
-100.0 To 9.022 %



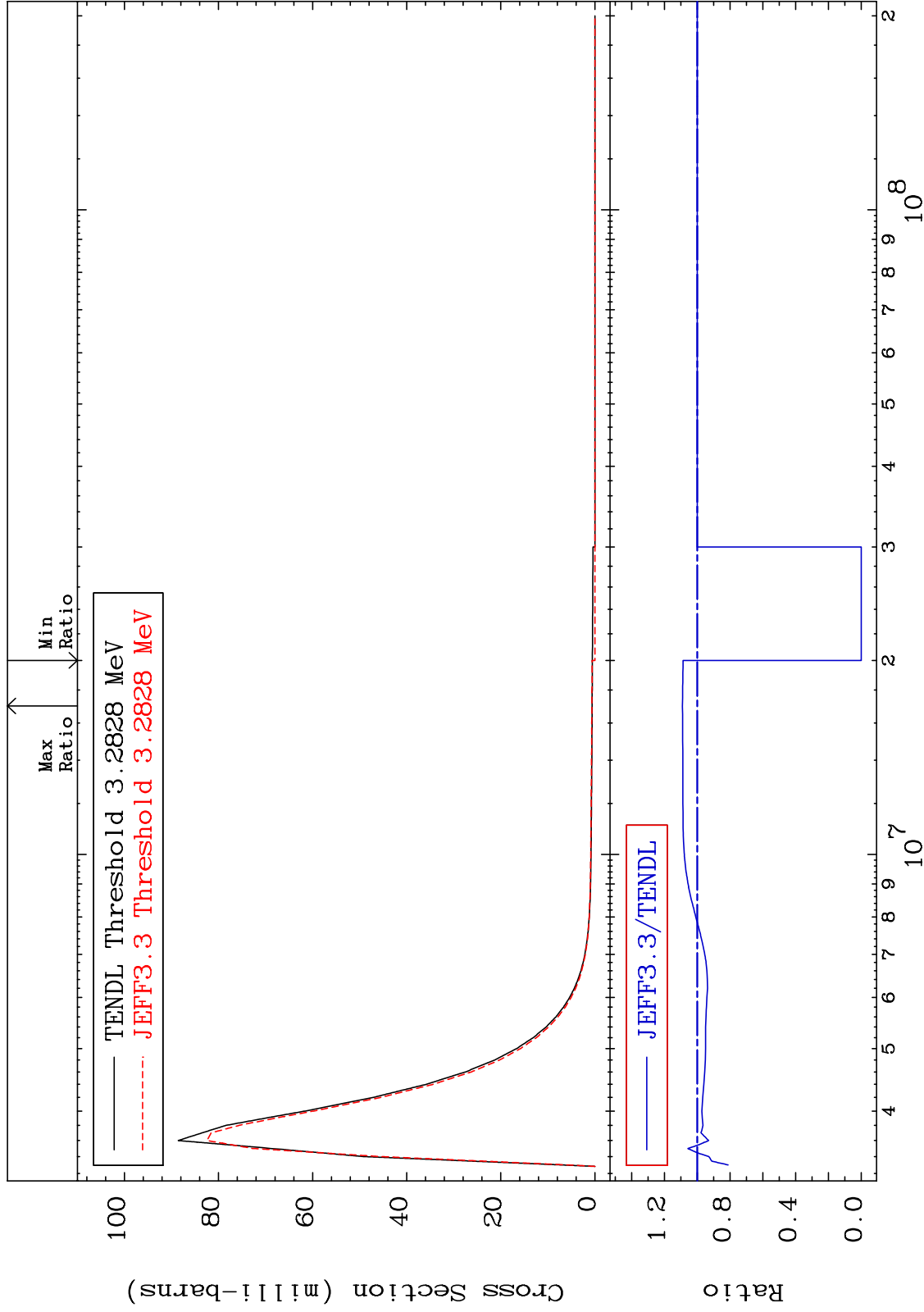
MAT 4043 MT= 68 (n,n') Level Cross Section -100.0 To 0.000 % 40-Zr-96



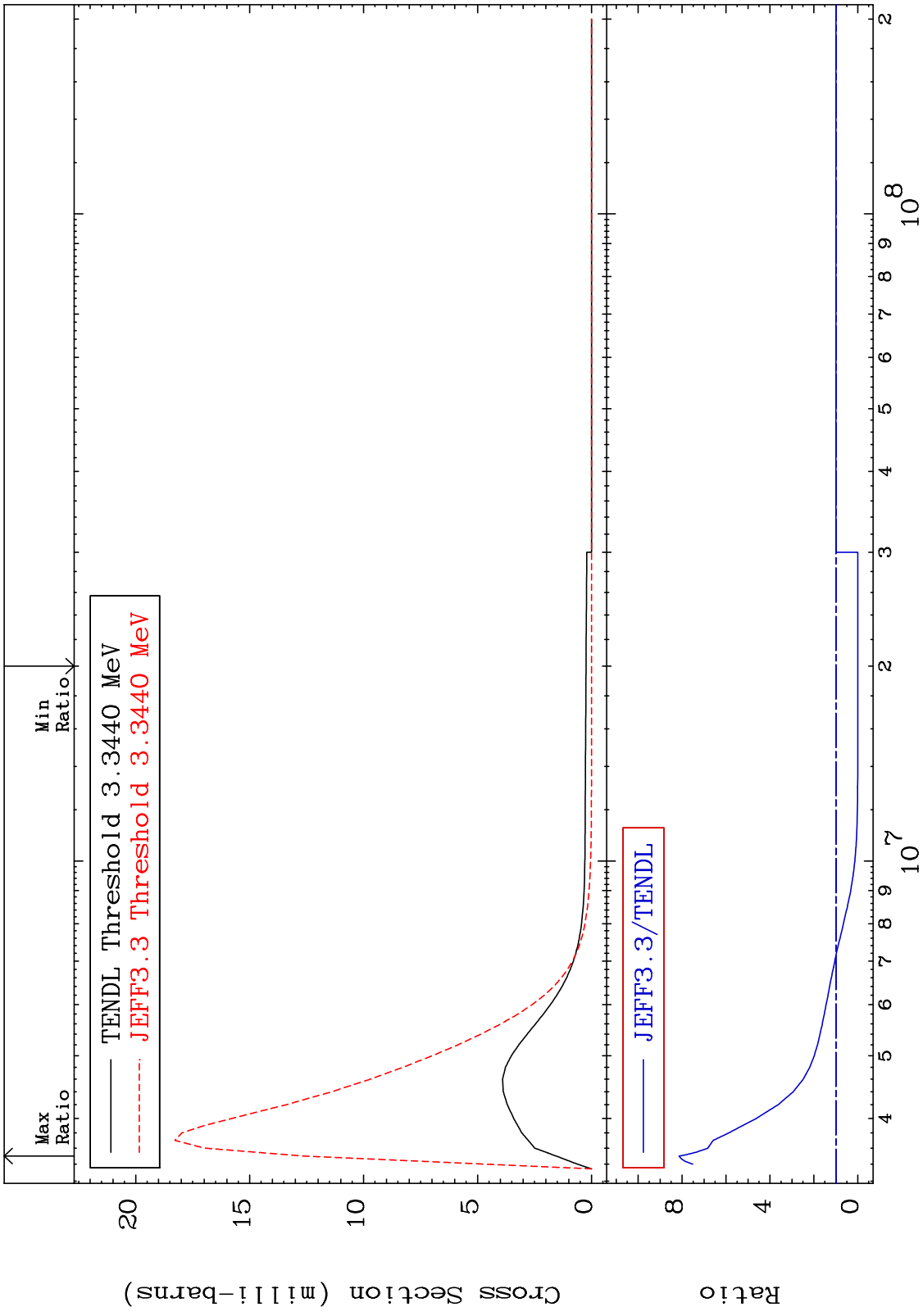
MAT 4043

MT= 69 (n,n') Level  
Cross Section

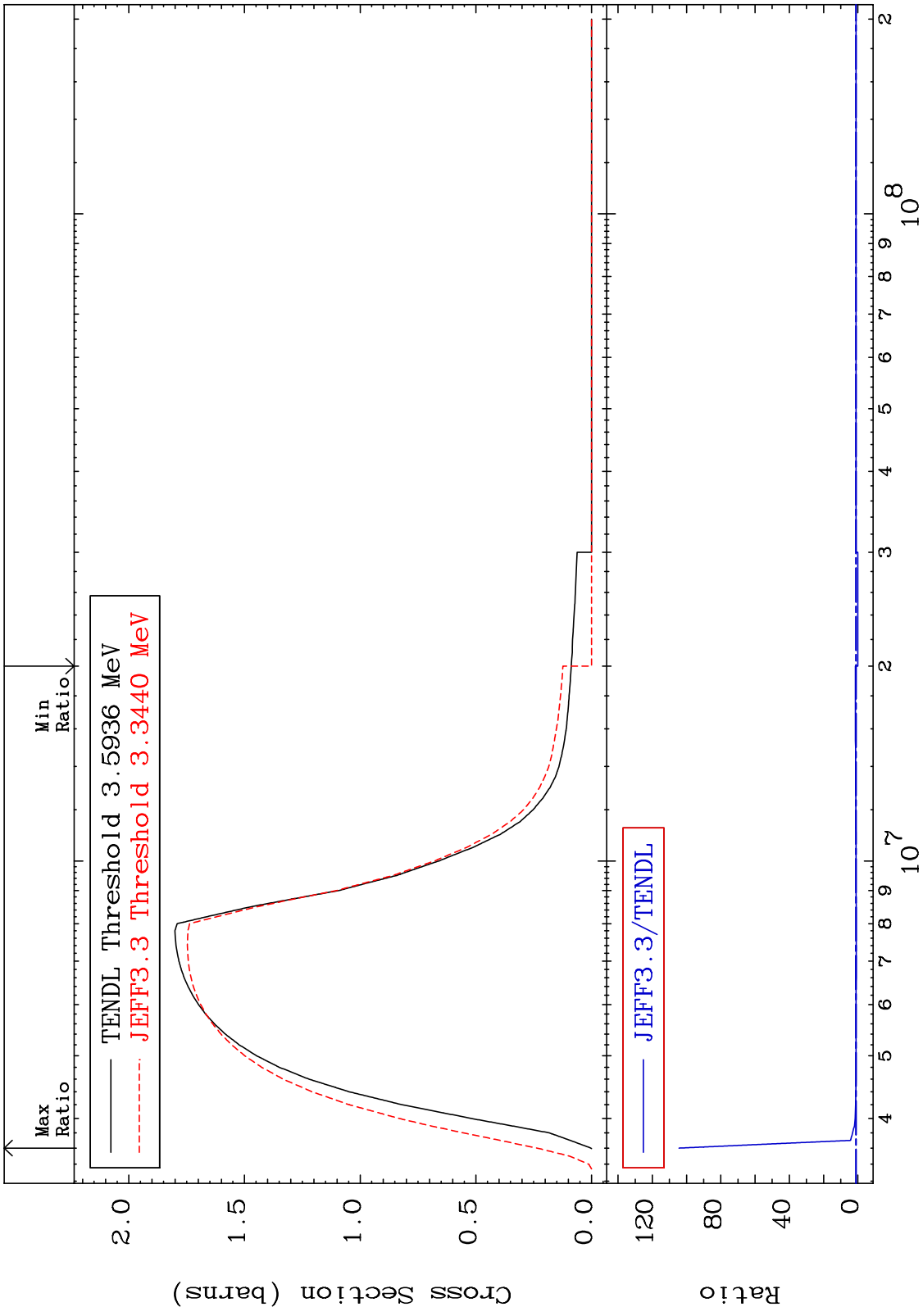
40-Zr-96  
-100.0 To 9.012 %



MAT 4043      MT= 70 (n,n') Level Cross Section      40-Zr-96  
 -100.0 To 714.0 %



MAT 4043 (n,n') Continuum Cross Section -100.0 To 9999. % 40-Zr-96

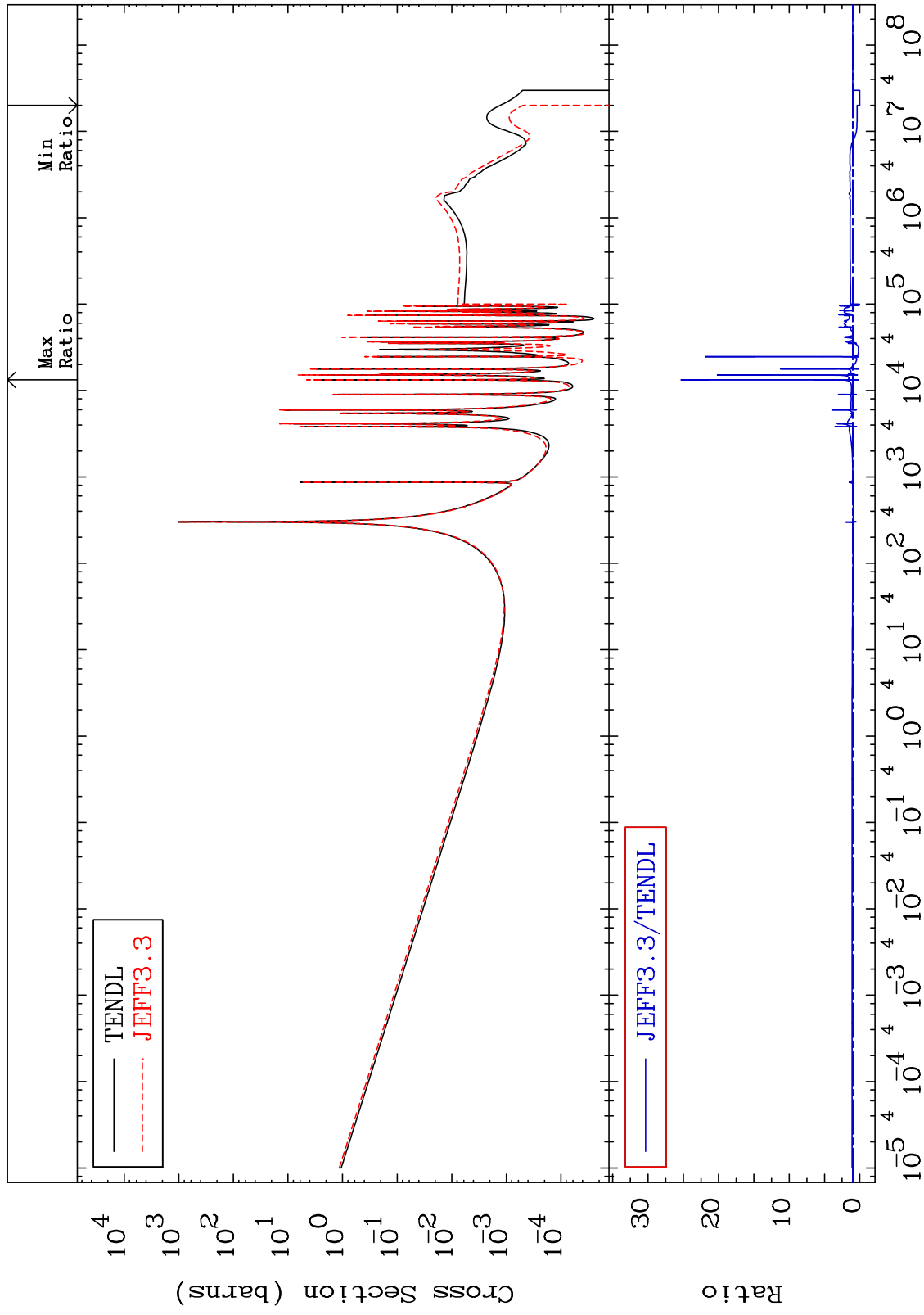


MAT 4043

(n,  $\gamma$ )  
Cross Section

40-Zr-96

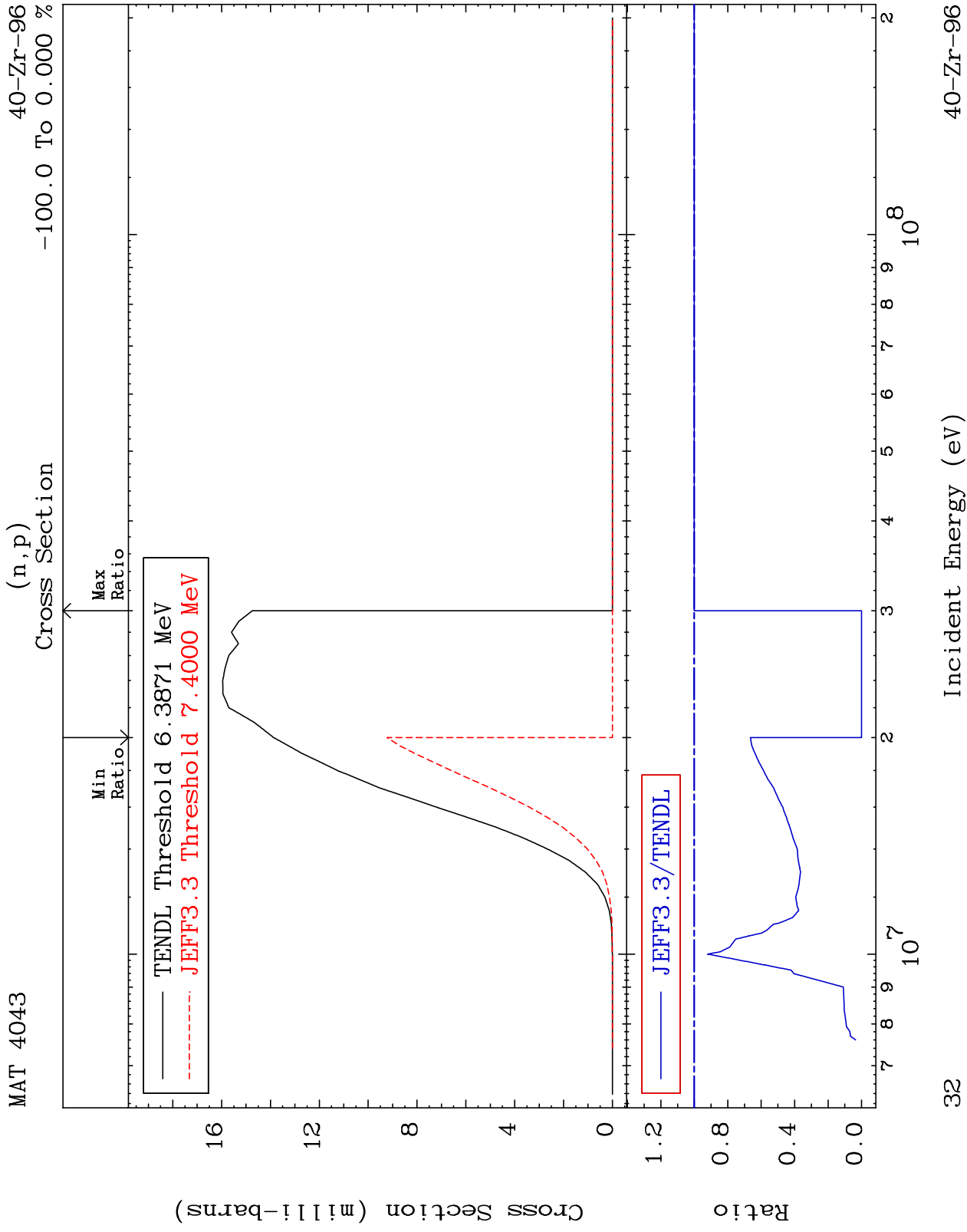
-100.0 To 2429. %



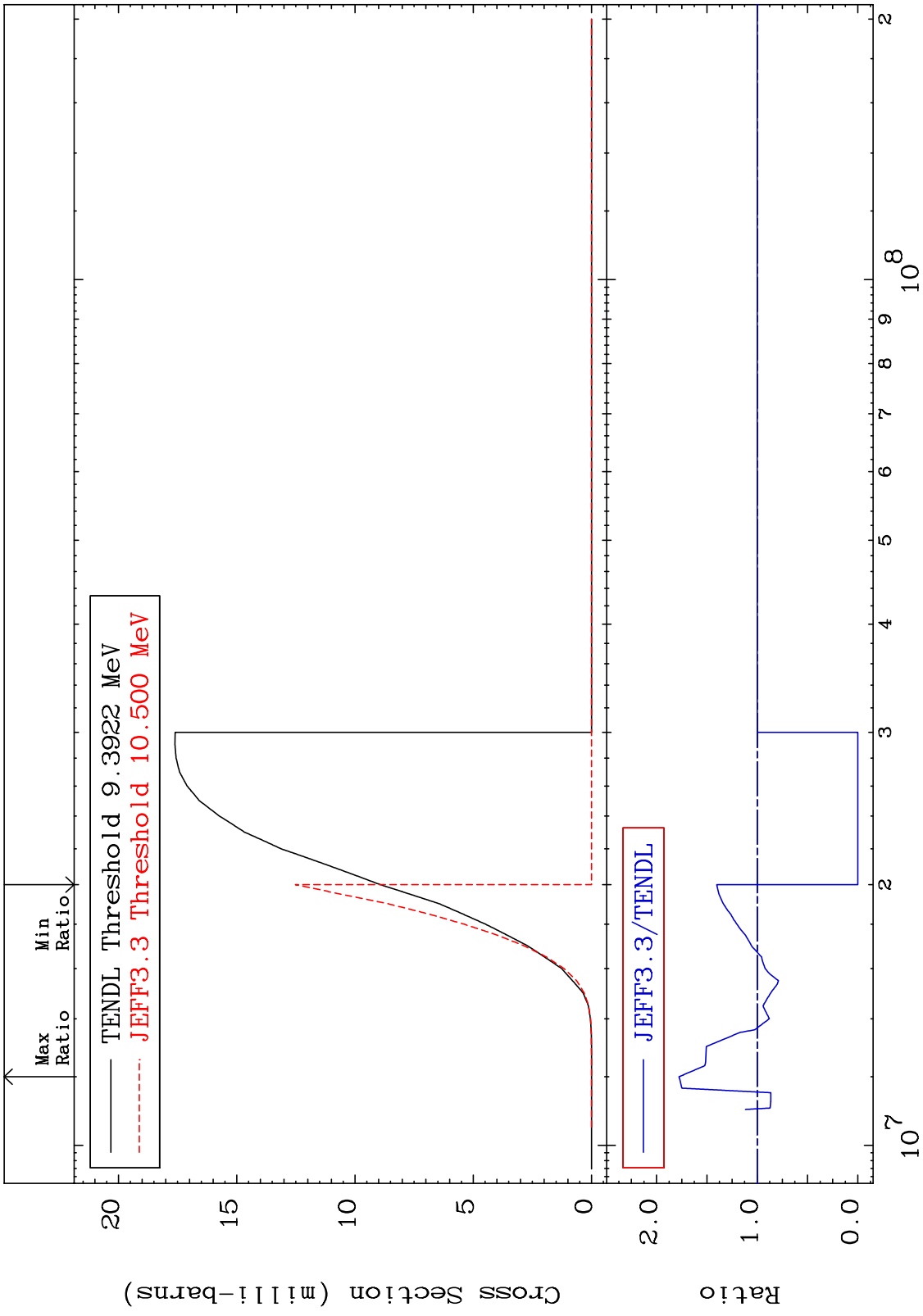
31

40-Zr-96

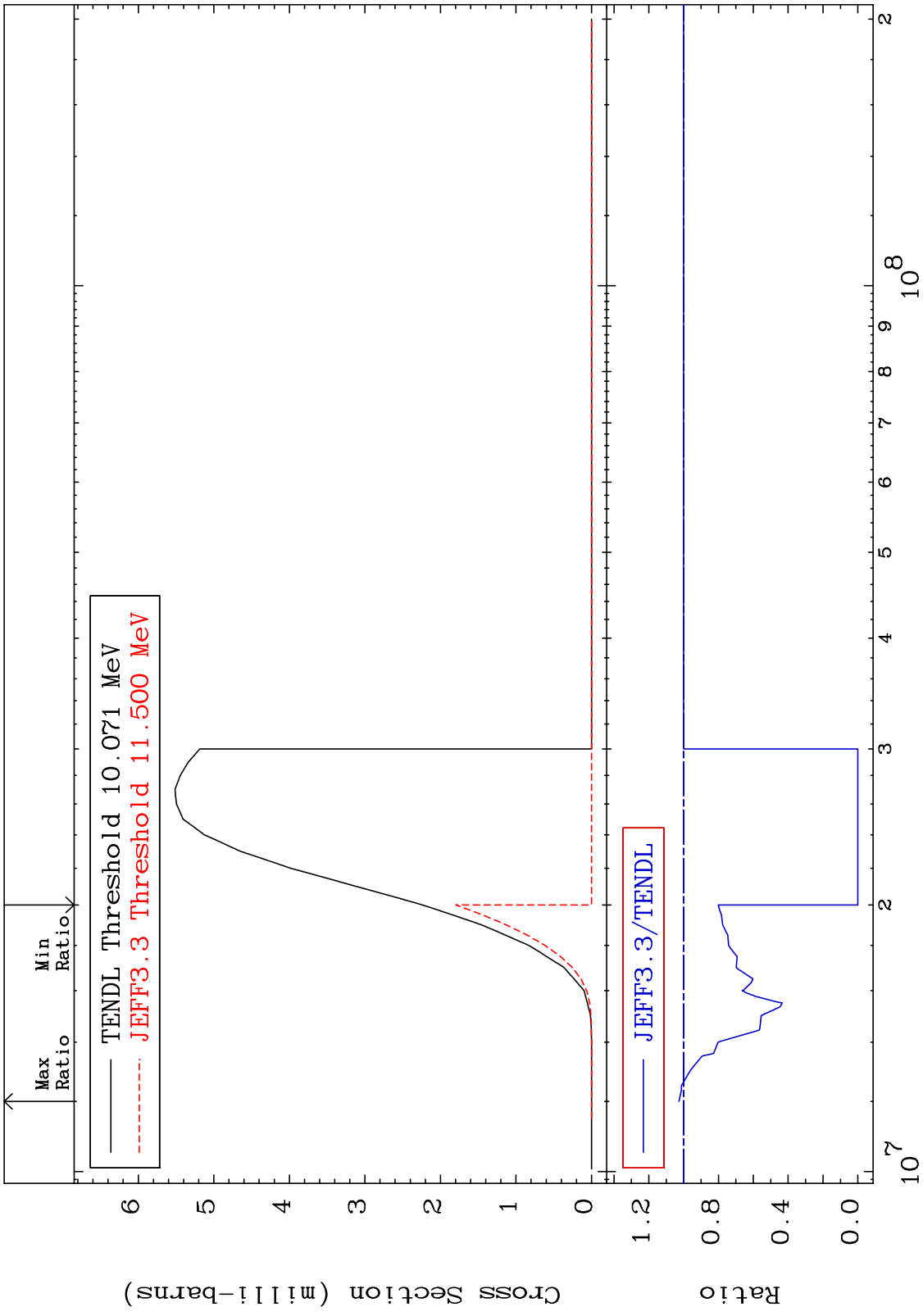


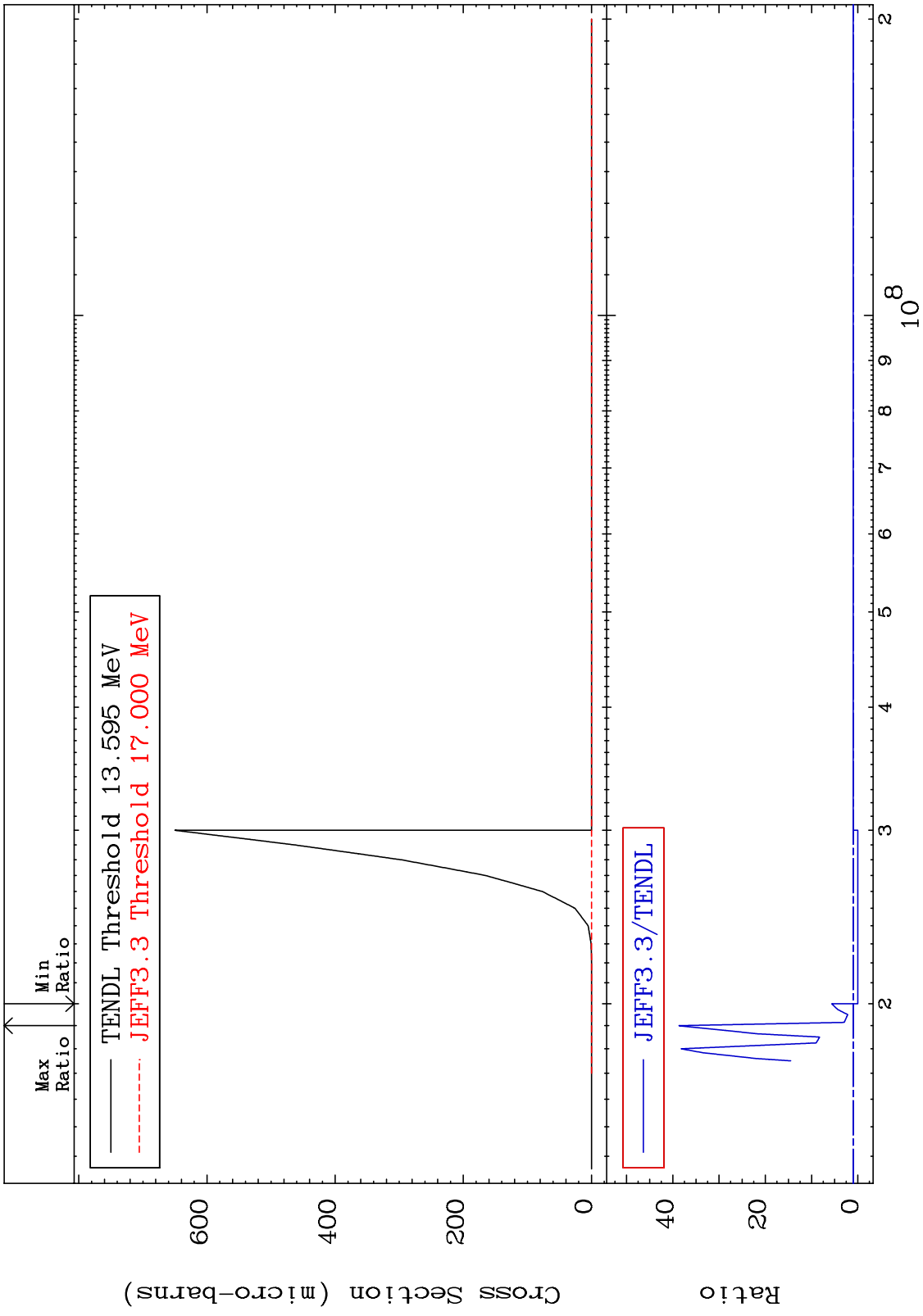


MAT 4043 (n,d) Cross Section 40-Zr-96 -100.0 To 77.67 %

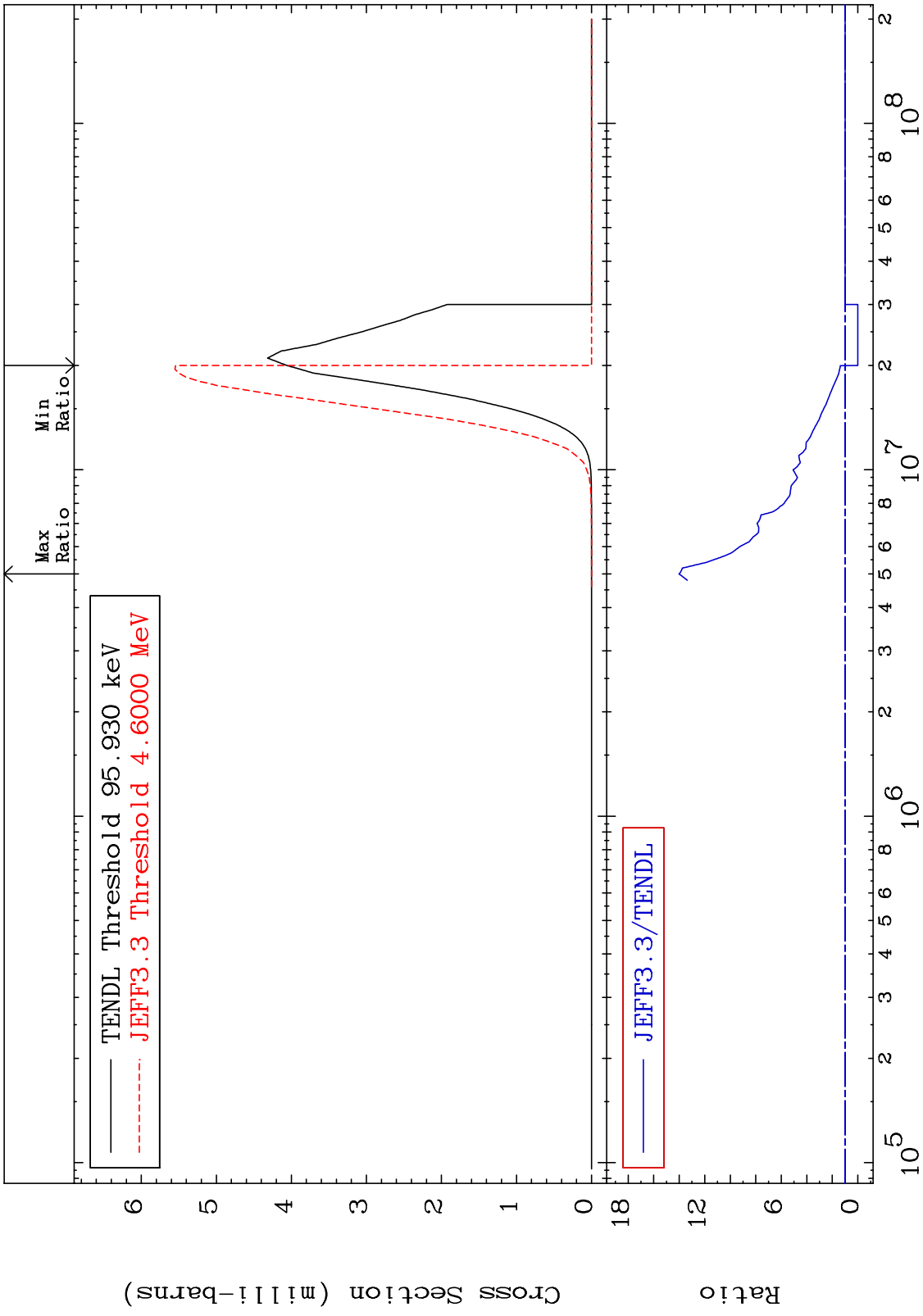


MAT 4043 (n,t) 40-Zr-96  
 Cross Section -100.0 To 2.649 %

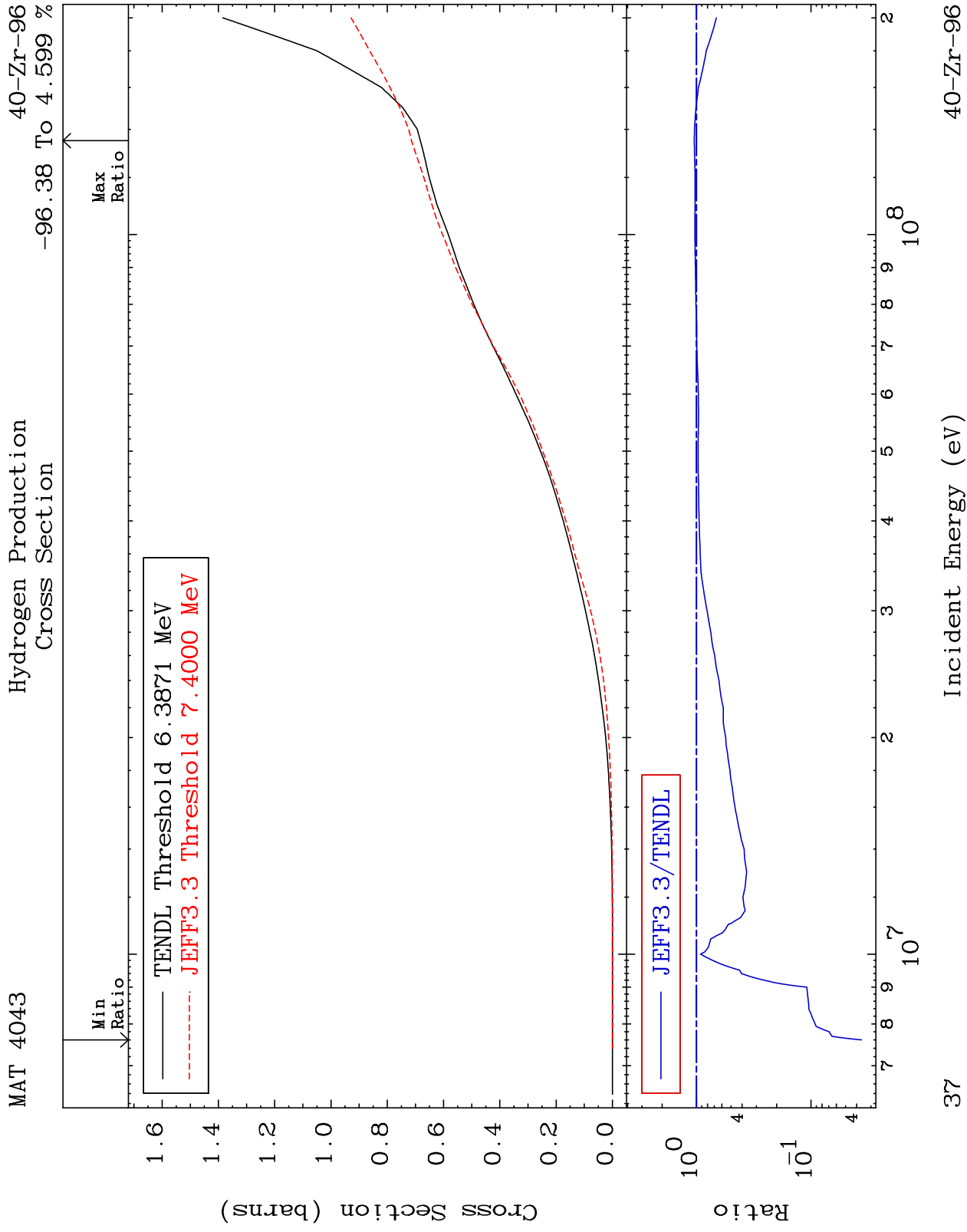




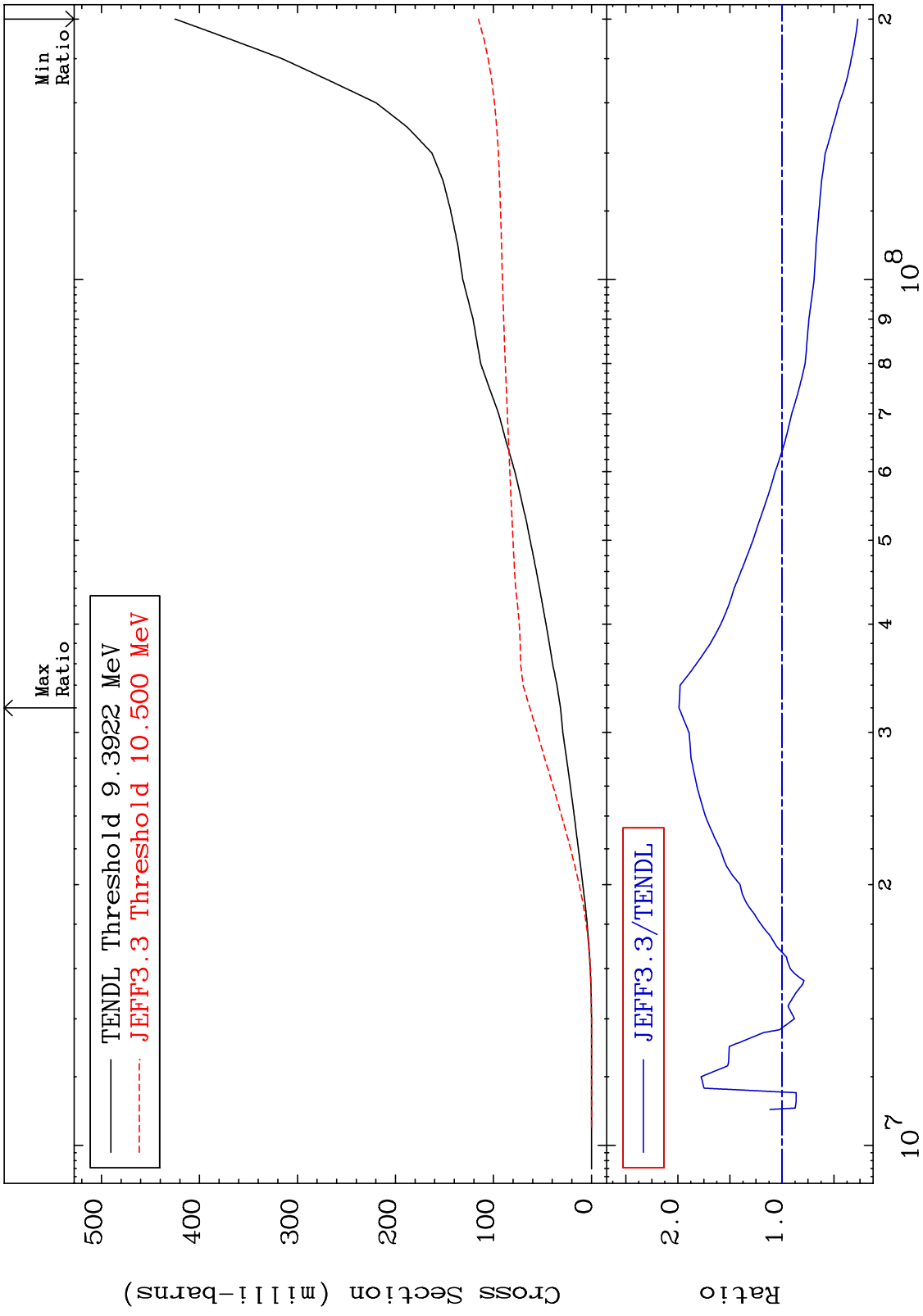
MAT 4043 40-Zr-96  
-100.0 To 1301. %



36 40-Zr-96

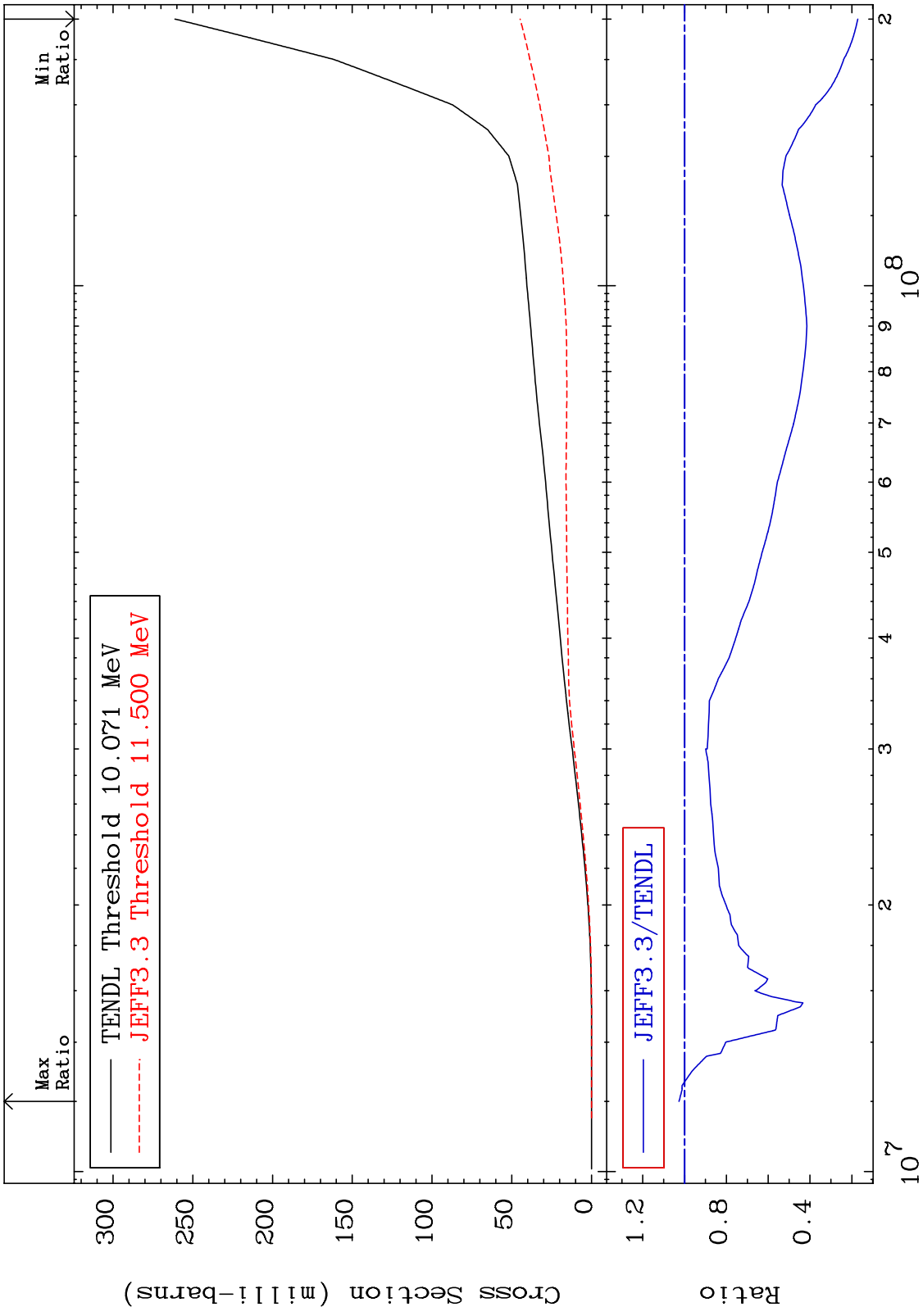


MAT 4043 Deuterium Production Cross Section 40-Zr-96 -72.86 To 98.84 %



38 40-Zr-96

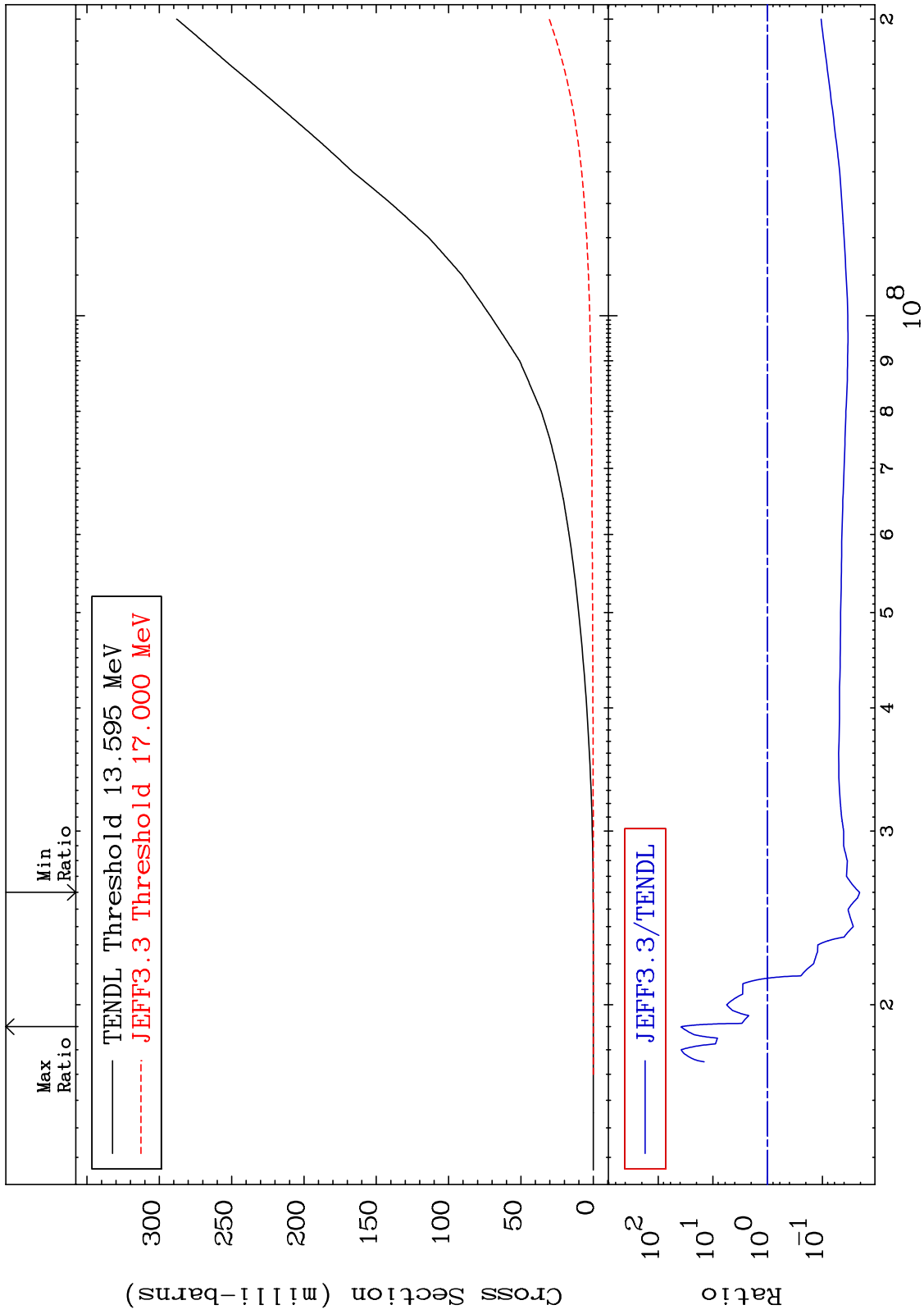
MAT 4043 Tritium Production Cross Section 40-Zr-96 -82.87 To 2.649 %



39 40-Zr-96



MAT 4043 He-3 Production Cross Section 40-Zr-96  
 -97.92 To 3766. %

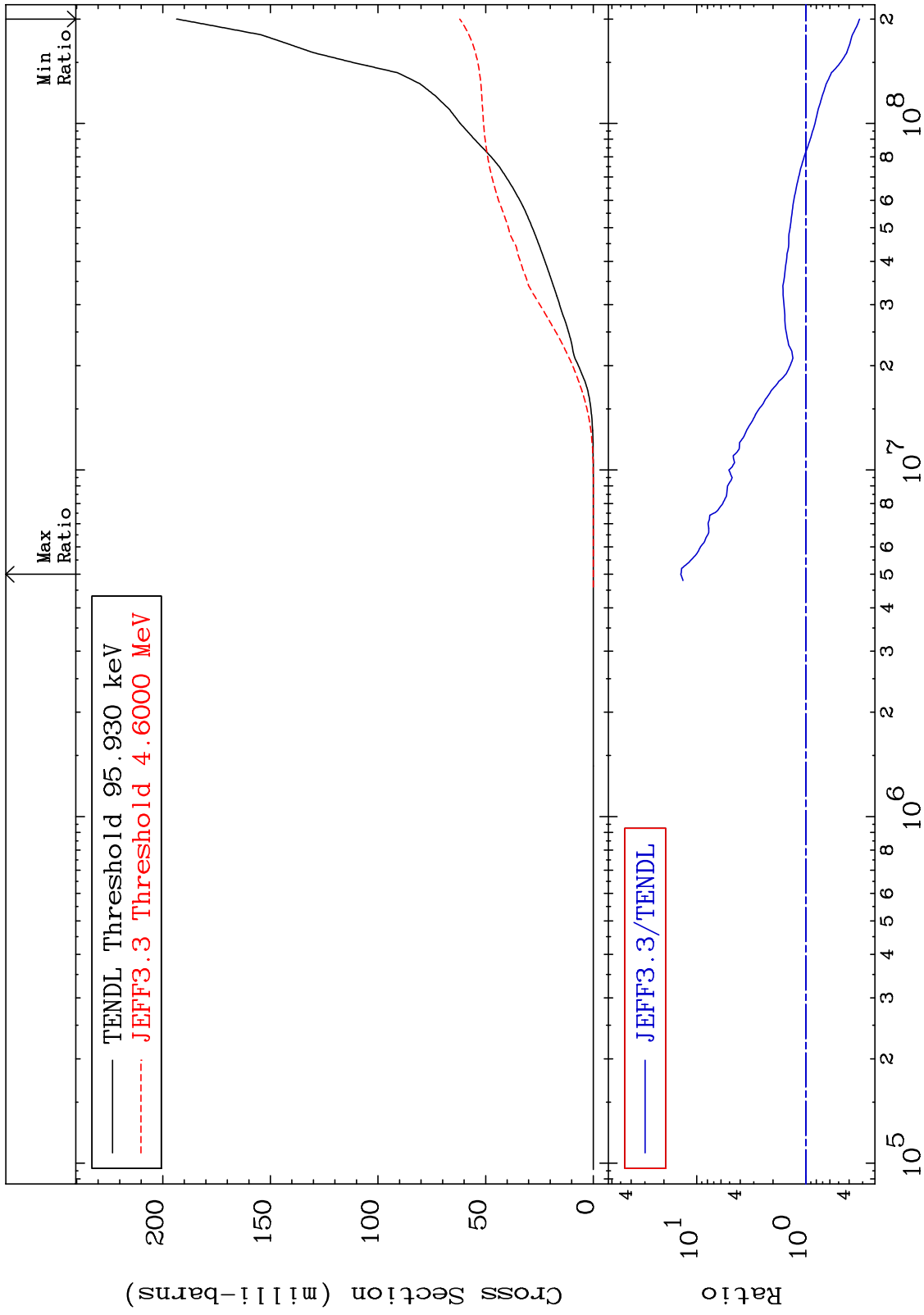


40 40-Zr-96

MAT 4043

He-4 Production  
Cross Section

40-Zr-96  
-67.95 To 1301. %

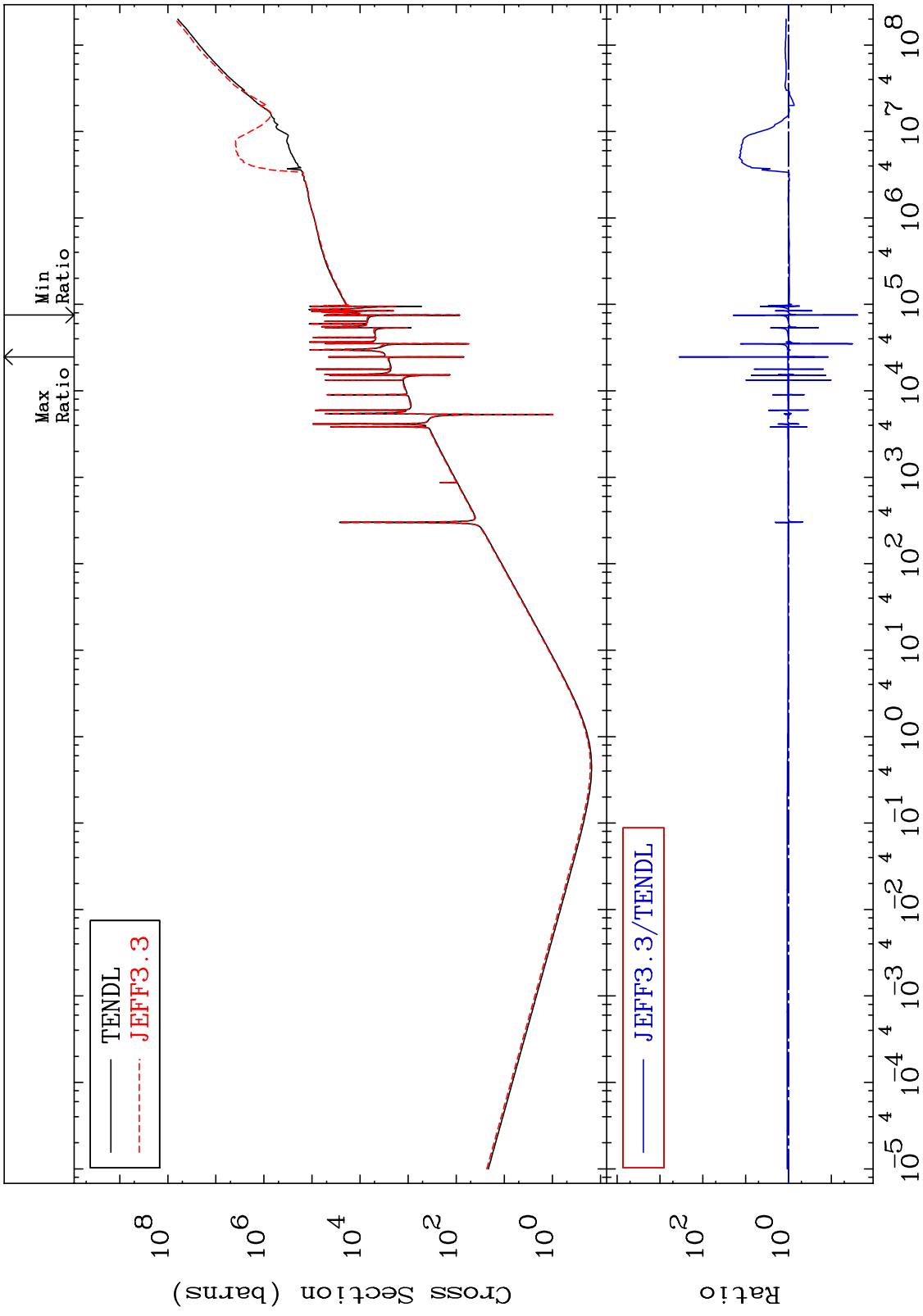


41

Incident Energy (eV)

40-Zr-96

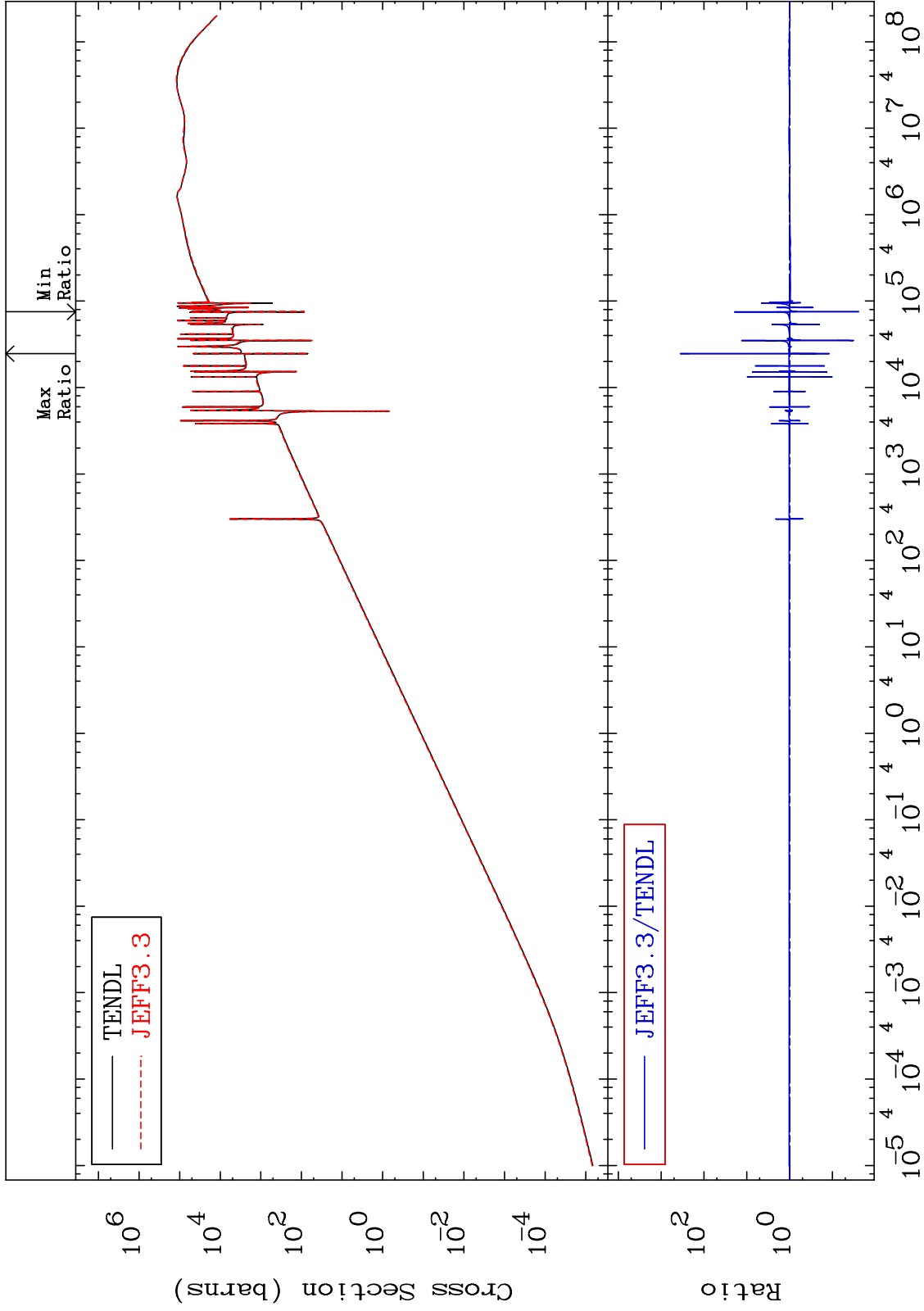
MAT 4043      Kerma total (eV-barns)  
 Cross Section      40-Zr-96  
 -97.58 To 9999. %



MAT 4043

Kerma elastic  
Cross Section

40-Zr-96  
-97.58 To 9999. %



43

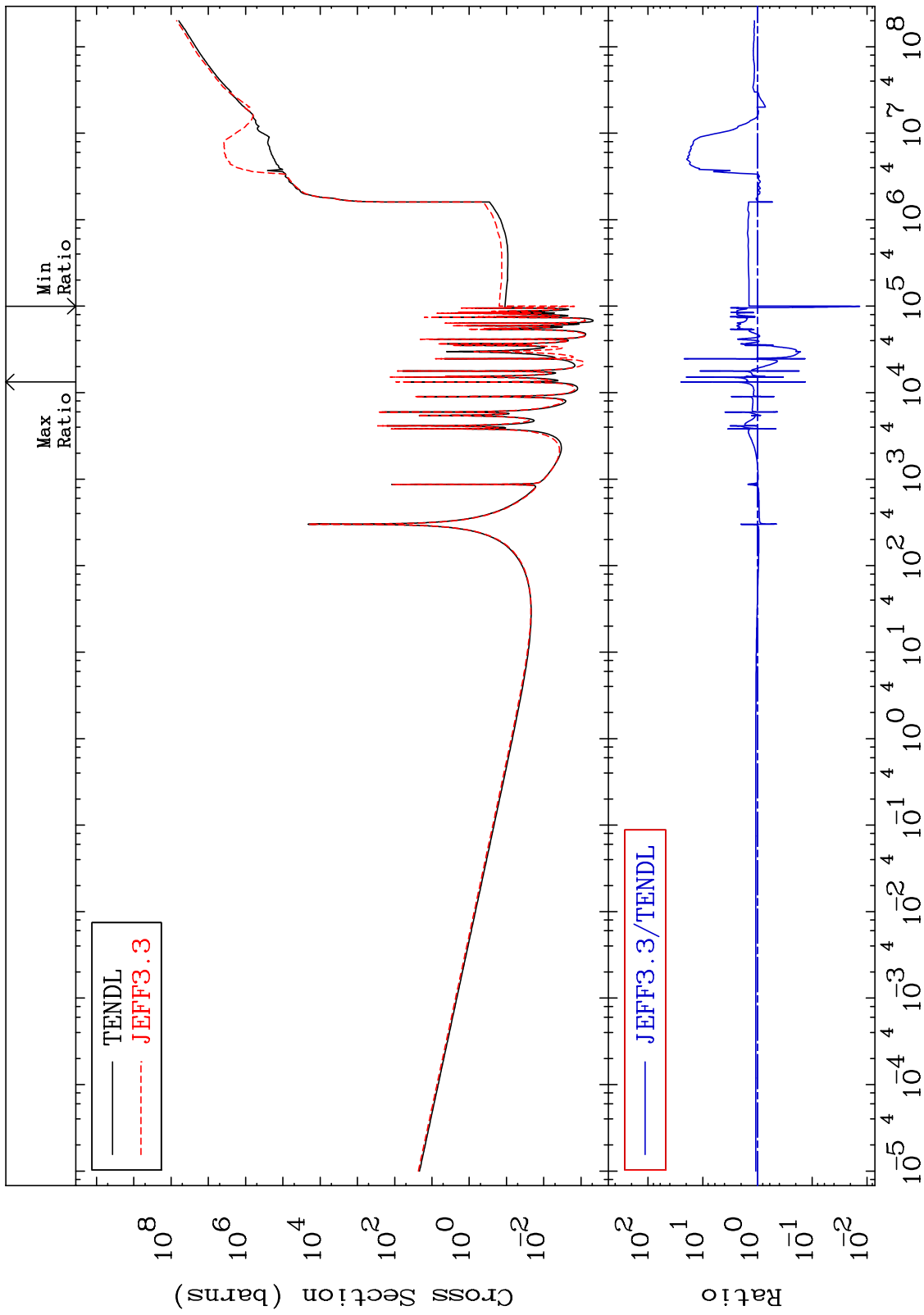
Incident Energy (eV)

40-Zr-96

MAT 4043

Kerma non-elastic (all but mt2)  
Cross Section

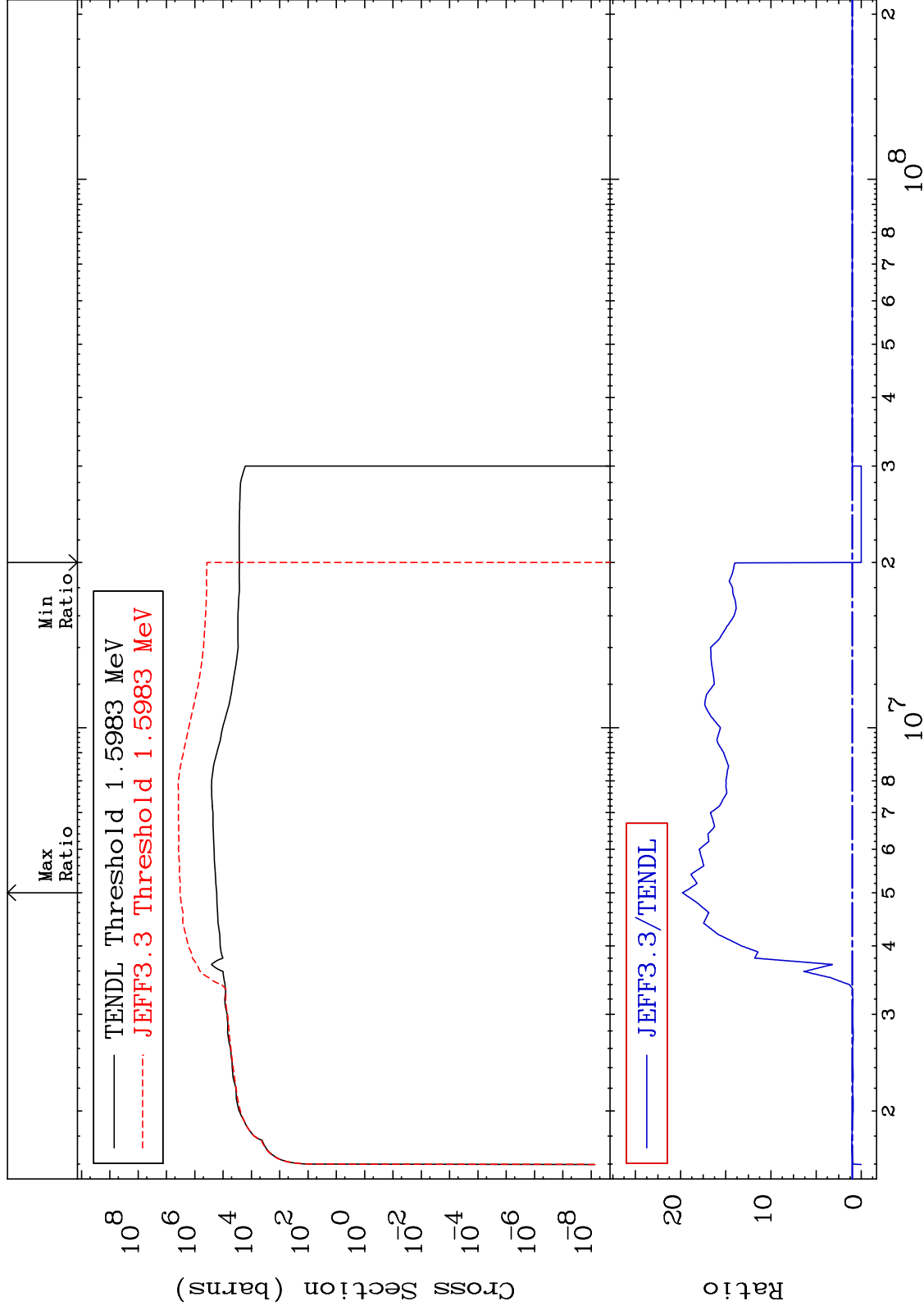
40-Zr-96  
-98.64 To 2418. %



MAT 4043

Kerma inelastic (mt51-91)  
Cross Section

40-Zr-96  
-100.0 To 1879. %



45

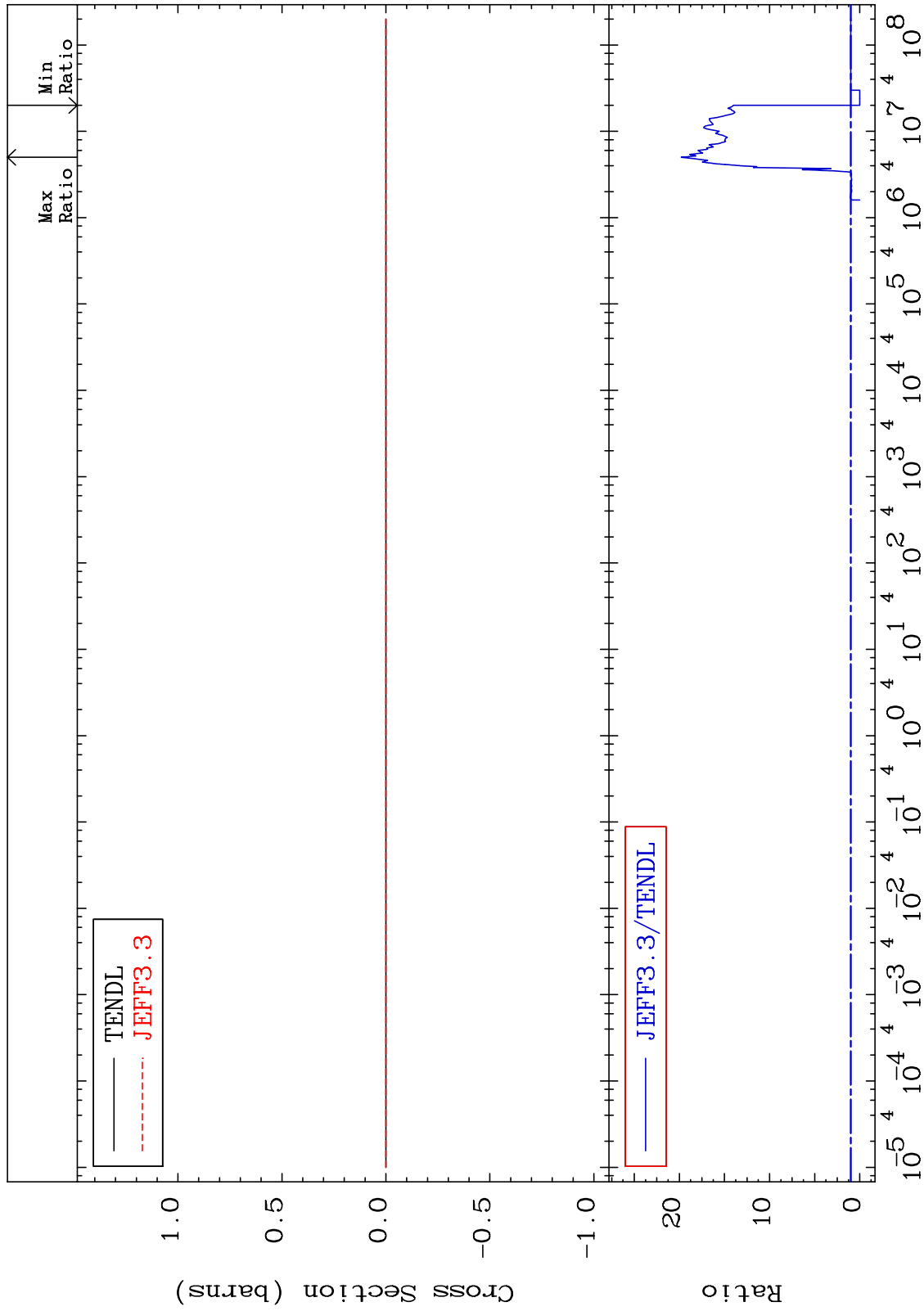
Incident Energy (eV)

40-Zr-96

MAT 4043

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

40-Zr-96  
-100.0 To 1879. %



46

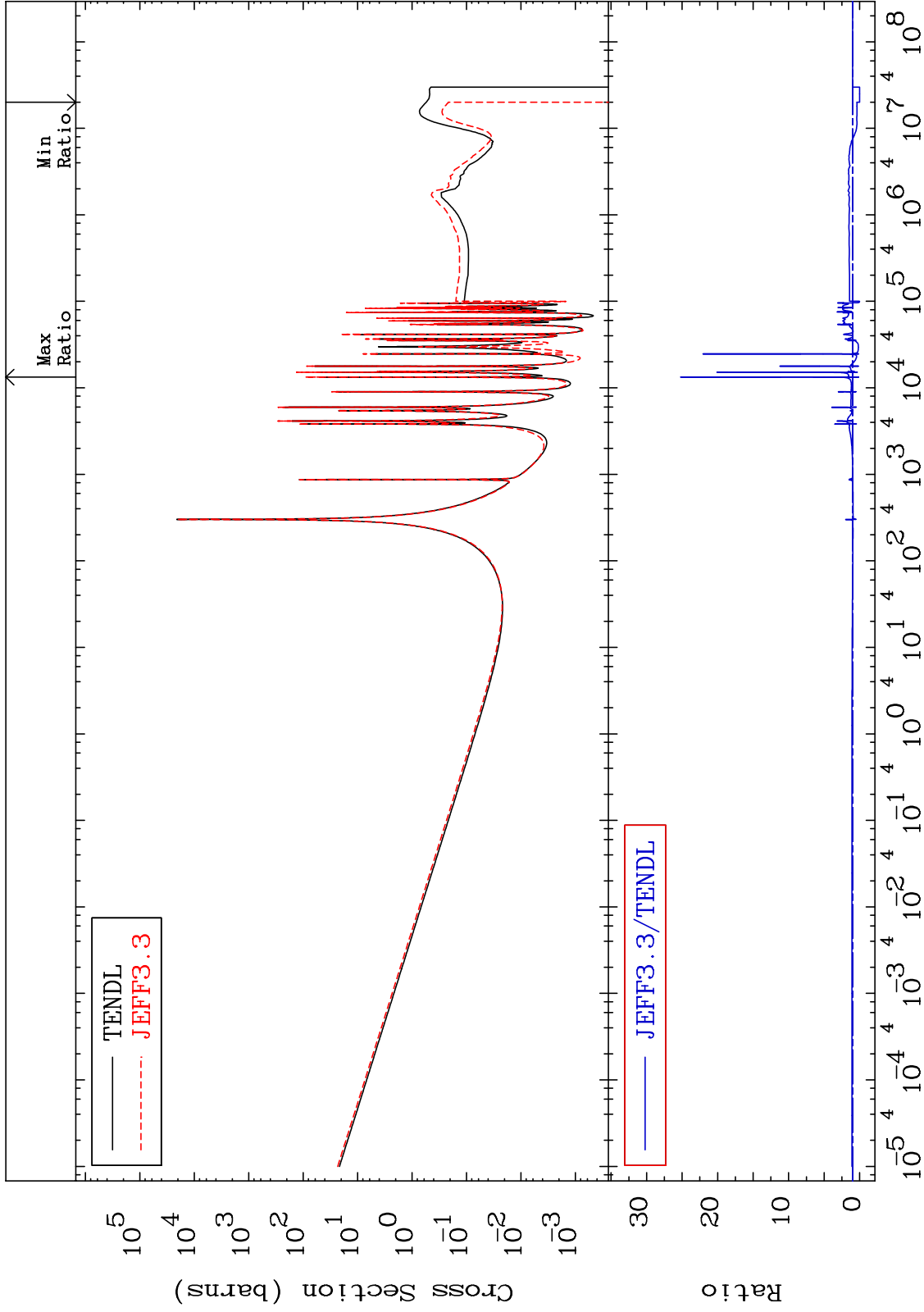
Incident Energy (eV)

40-Zr-96

MAT 4043

Kerma capture (mt102)  
Cross Section

40-Zr-96  
-100.0 To 2418. %



47

Incident Energy (eV)

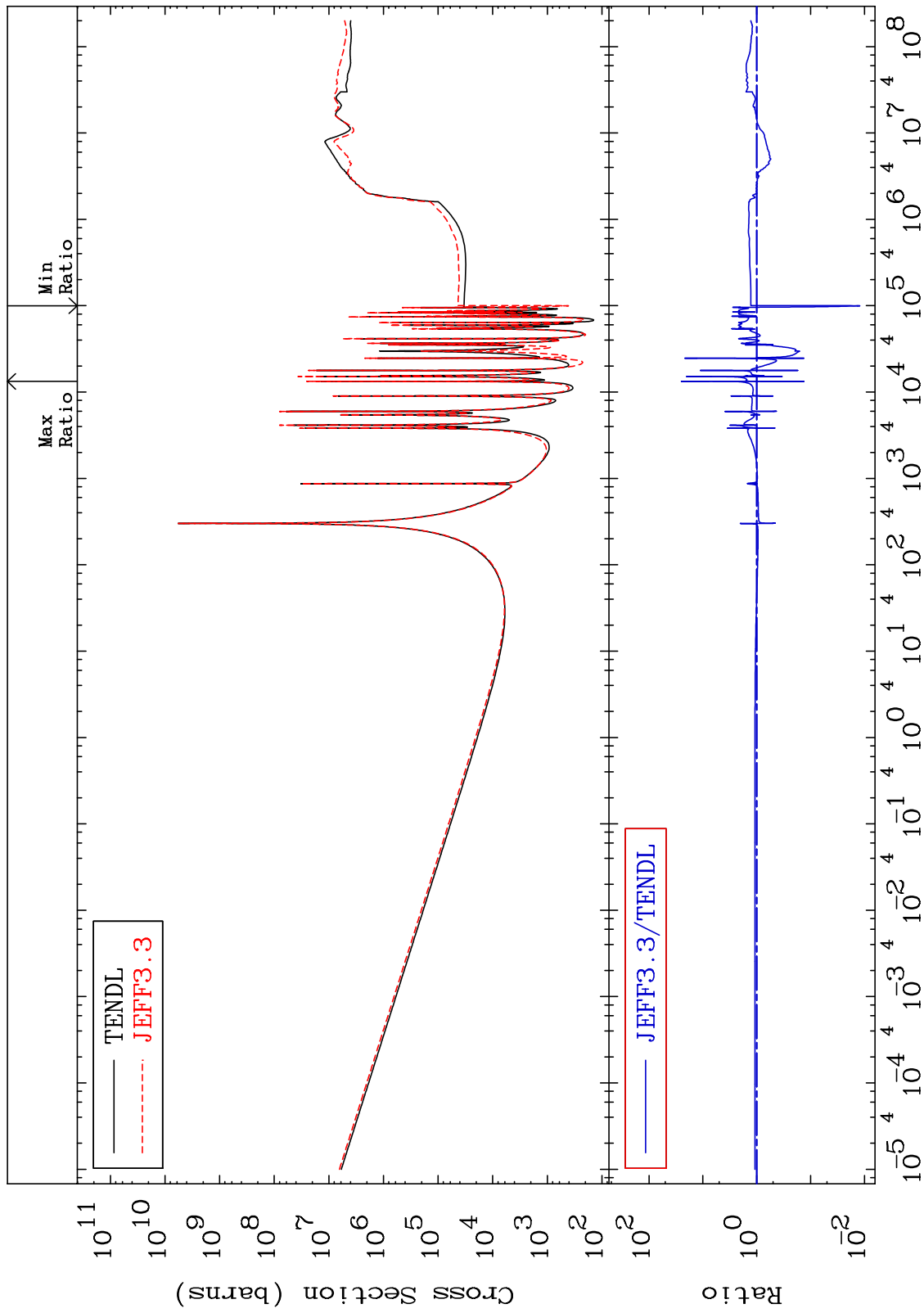
40-Zr-96



MAT 4043

Total photon (eV-barns)  
Cross Section

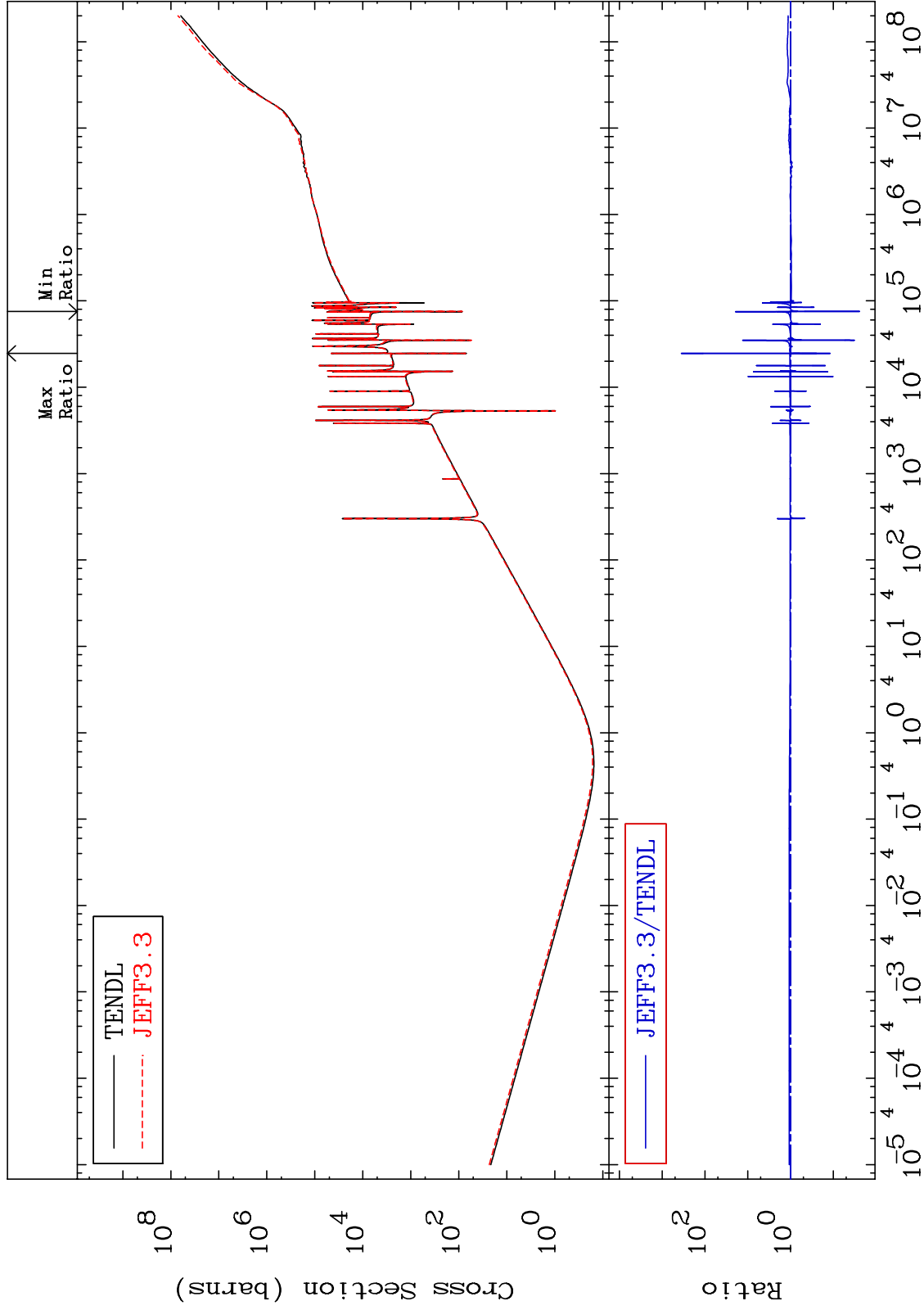
40-Zr-96  
-98.77 To 2420. %



MAT 4043

Total kinematic kerma (high limit)  
Cross Section

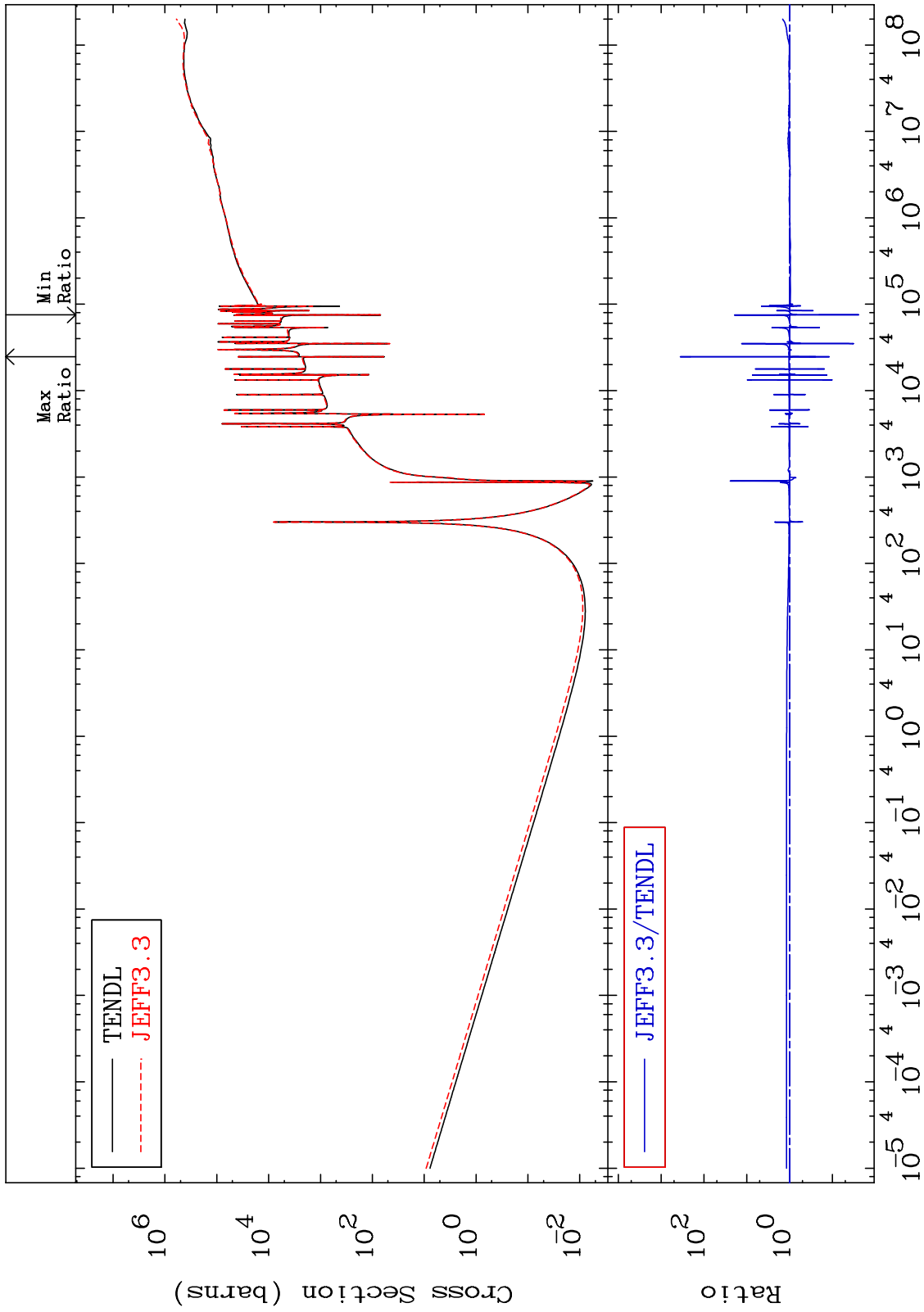
40-Zr-96  
-97.58 To 9999. %



MAT 4043

Dpa total (eV-barns)  
Cross Section

40-Zr-96  
-97.58 To 9999. %



50

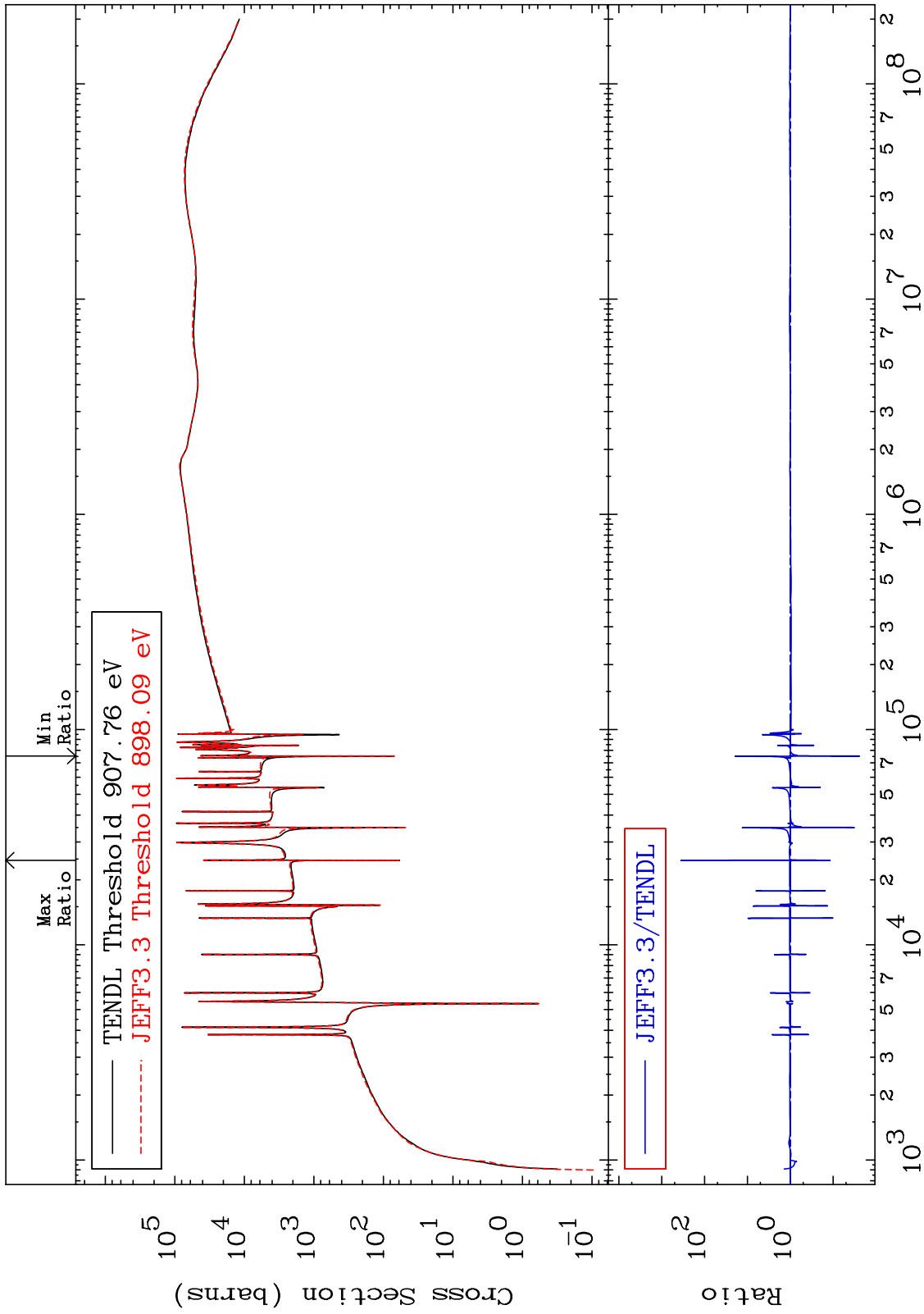
Incident Energy (eV)

40-Zr-96

MAT 4043

Dpa elastic (mt2)  
Cross Section

40-Zr-96  
-97.58 To 9999. %

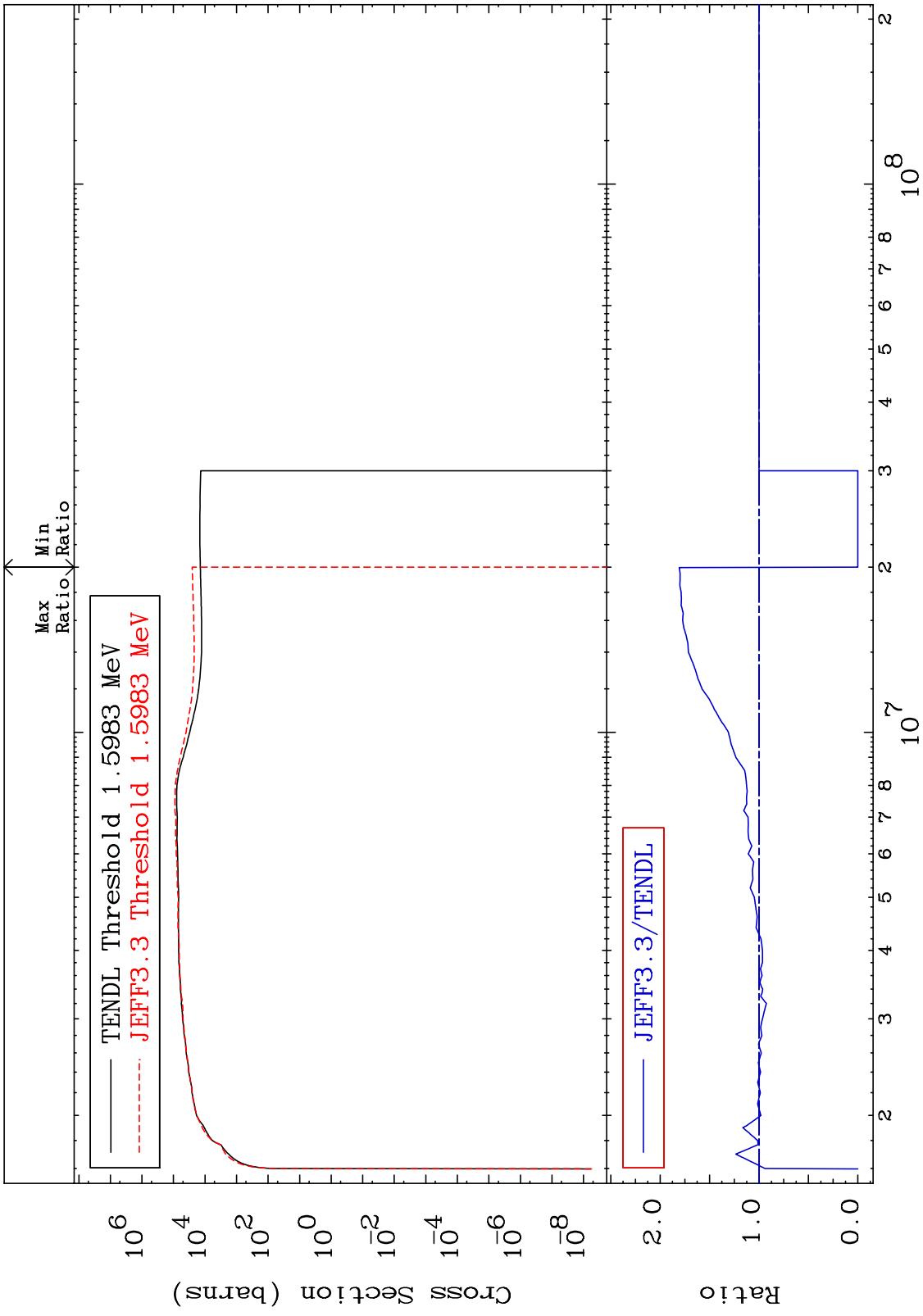


51

40-Zr-96

40-Zr-96

MAT 4043      Dpa inelastic (mt51-91)      40-Zr-96  
 Cross Section      -100.0 To 80.88 %



52      Incident Energy (eV)      40-Zr-96

MAT 4043

Dpa disappearance (mt102 -120)  
Cross Section

40-Zr-96  
-100.0 To 2658. %

