

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

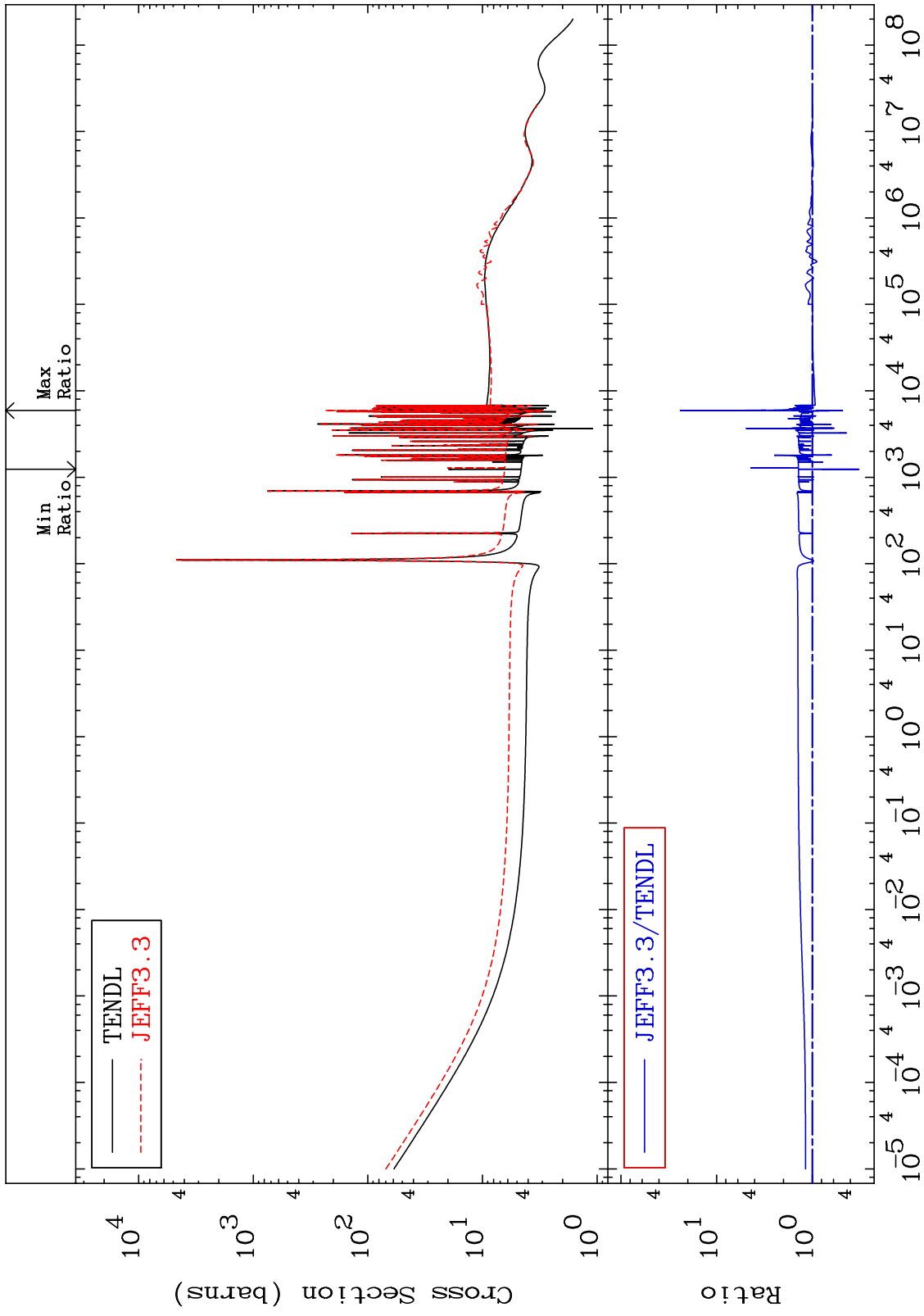
MAT 4034

Total

40-Zr-93

Cross Section

-67.49 To 2300. %



1

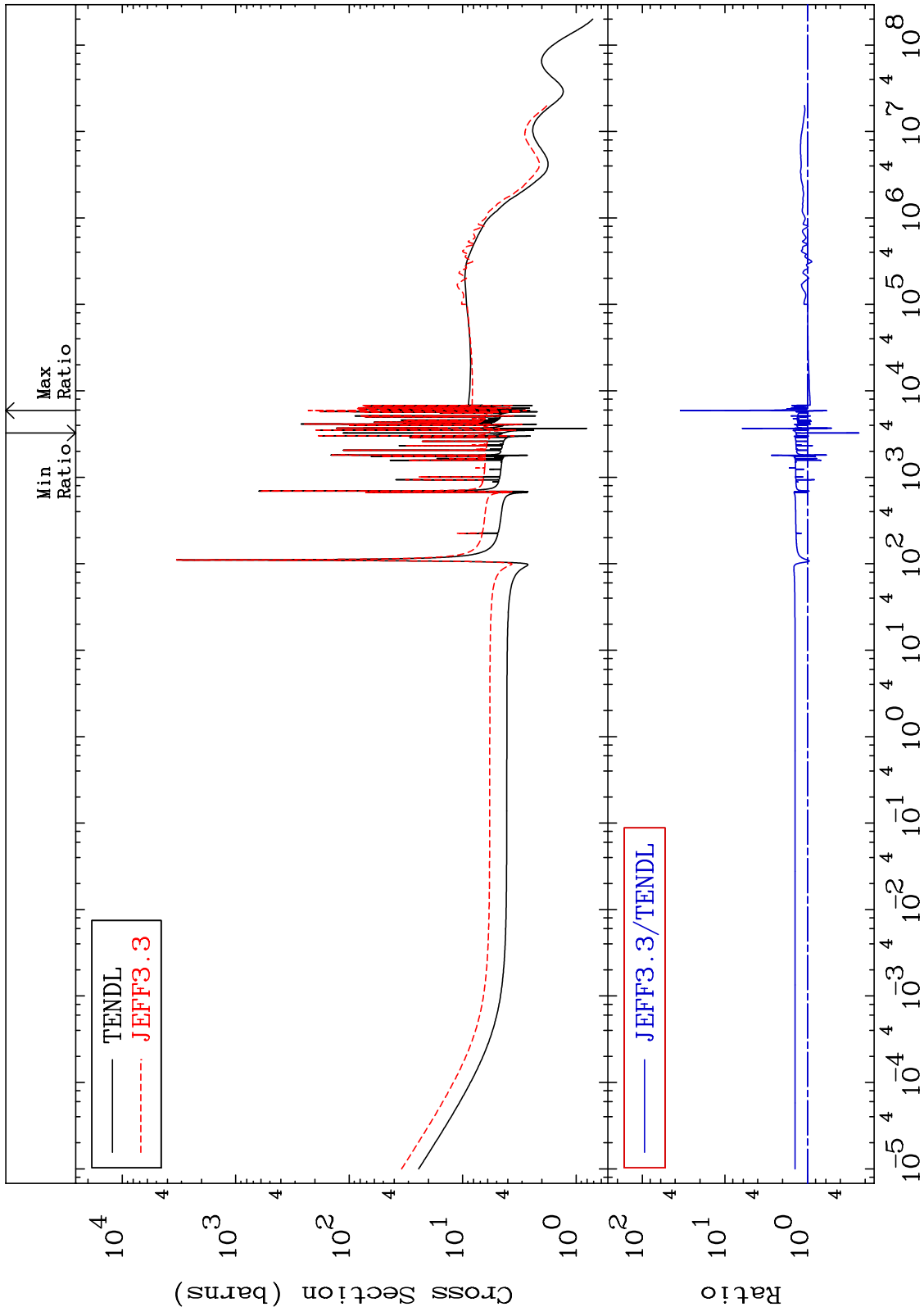
Incident Energy (eV)

40-Zr-93

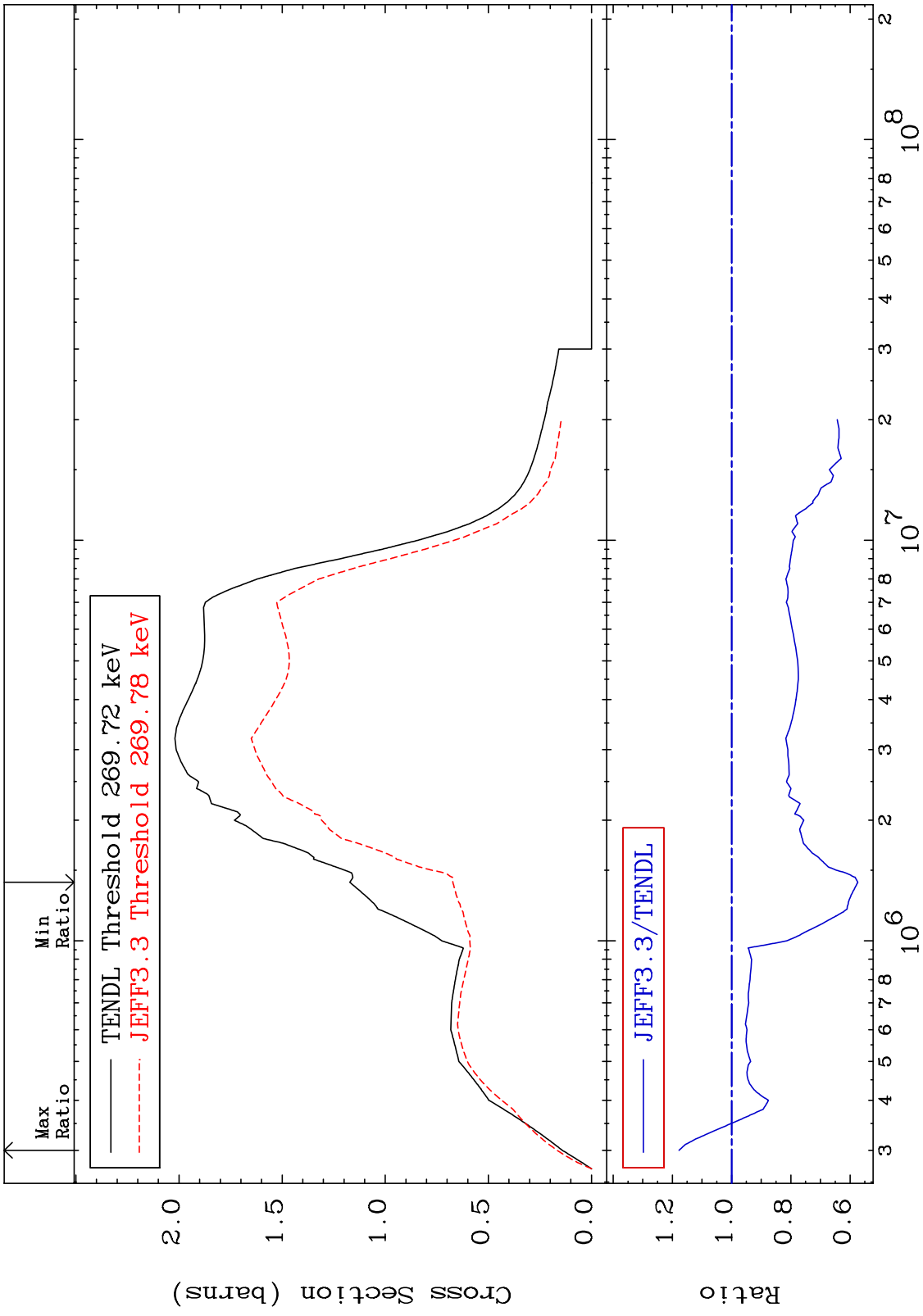
MAT 4034

Elastic  
Cross Section

40-Zr-93  
-76.14 To 3375. %

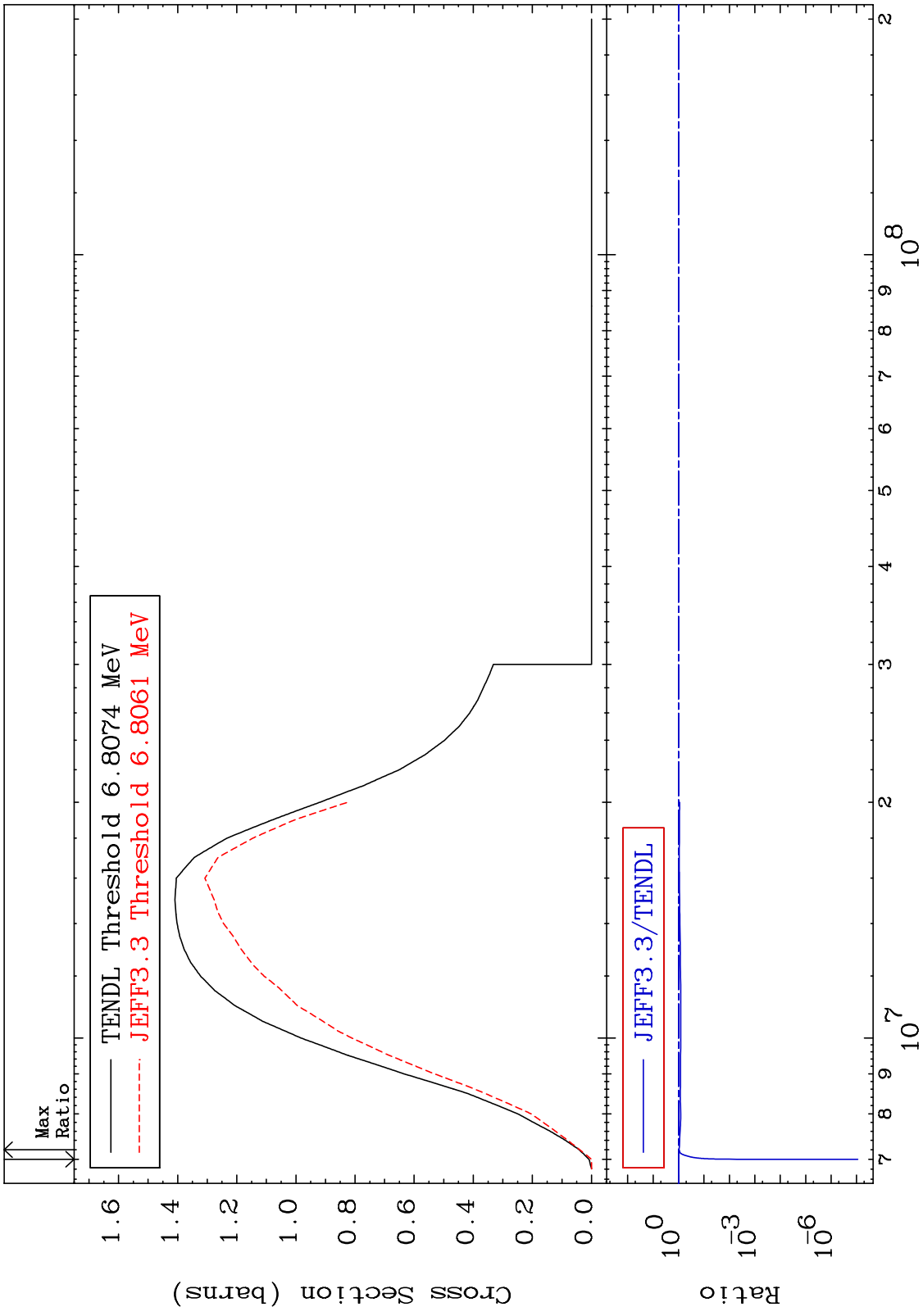


MAT 4034 Inelastic Cross Section 40-Zr-93 -42.63 To 17.74 %

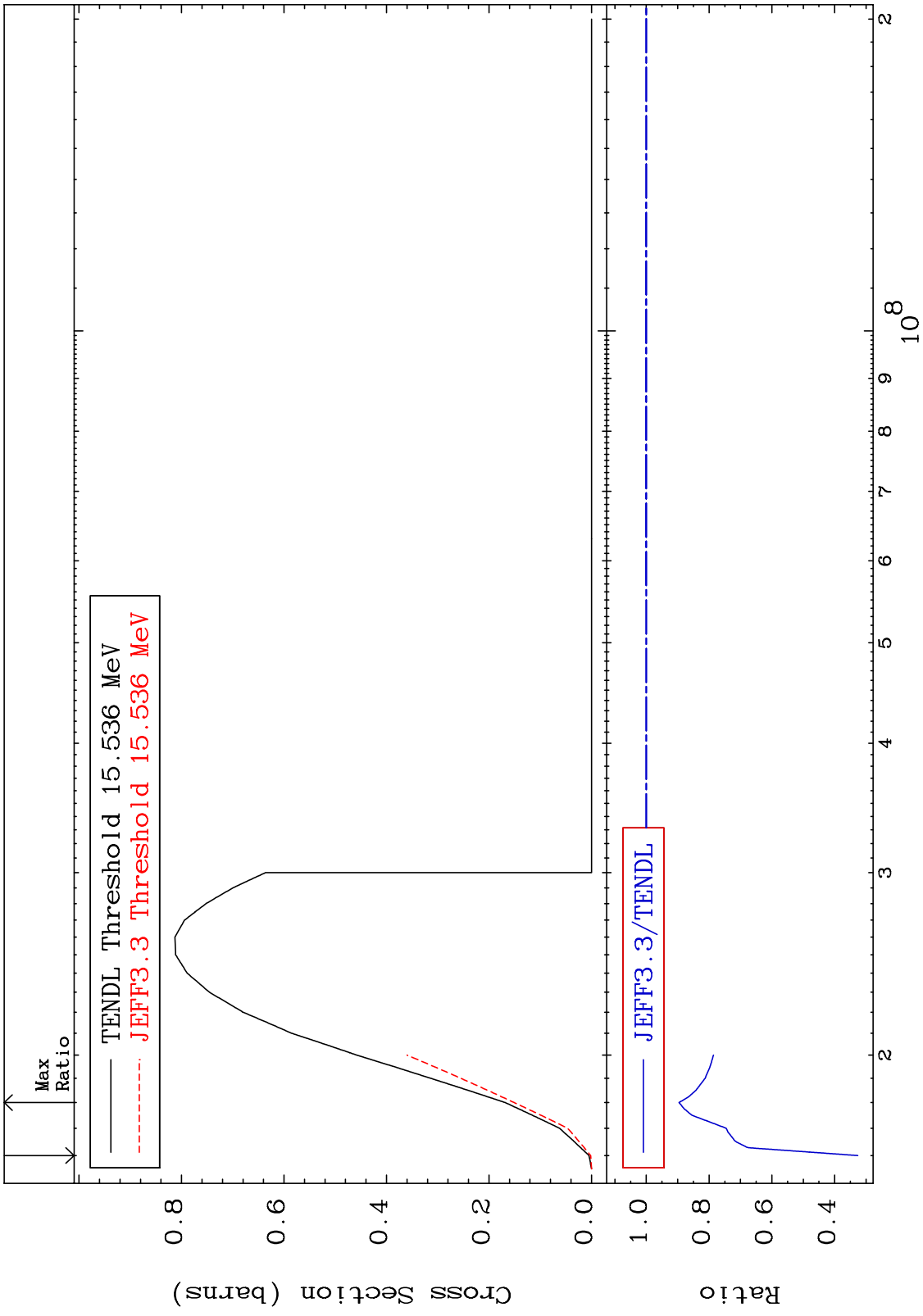


3 40-Zr-93

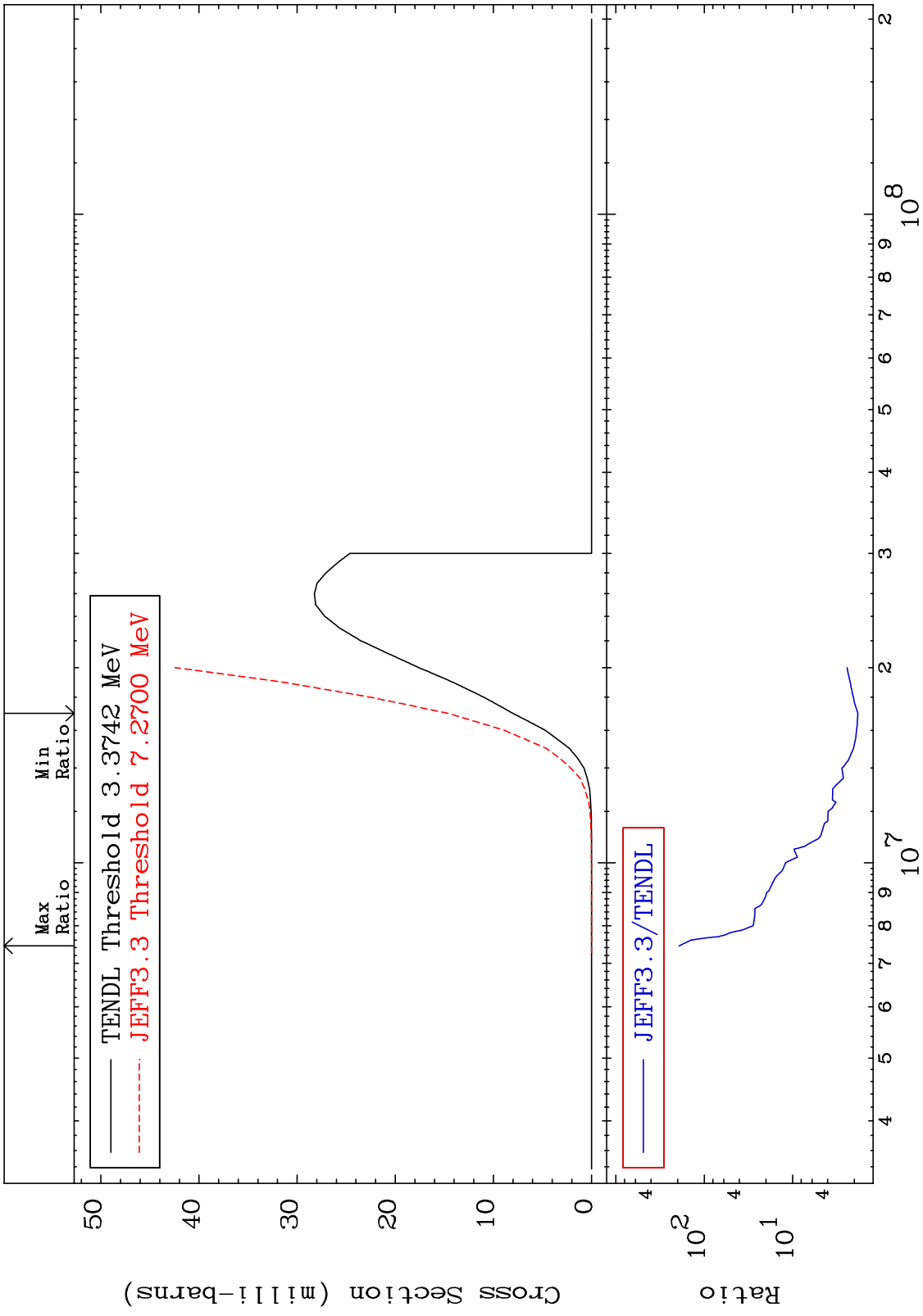
MAT 4034 (n,2n) Cross Section 40-Zr-93 -100.0 To -4.420%



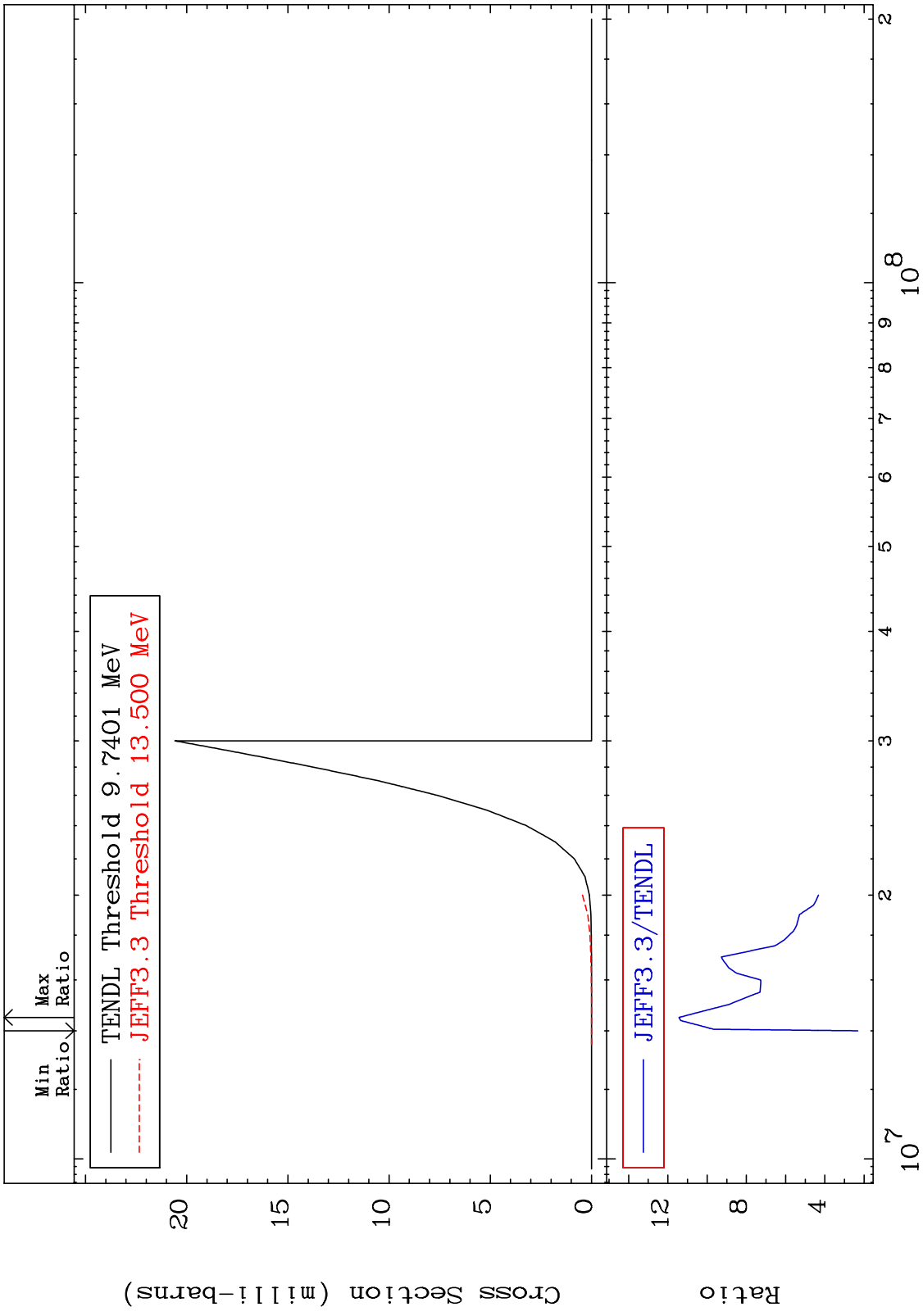
MAT 4034 (n,3n) Cross Section 40-Zr-93 -67.38 To -10.44%



MAT 4034  $(n, n') \alpha$  Cross Section 40-Zr-93 82.48 To 9999. %



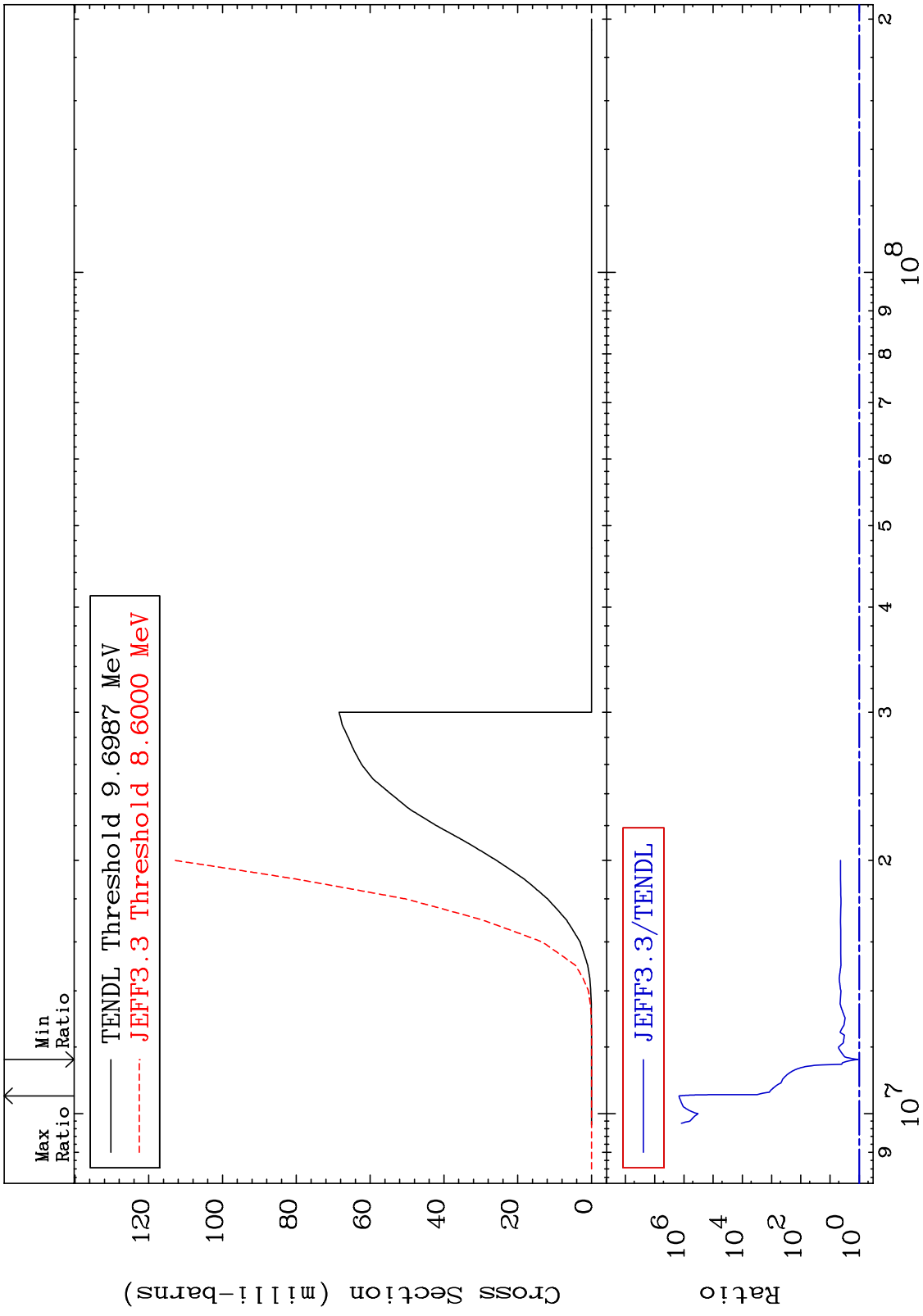
MAT 4034 (n,2n)  $\alpha$  40-Zr-93  
 Cross Section 132.1 To 1043. %



40-Zr-93



MAT 4034 (n,n') p 40-Zr-93  
Cross Section 12.15 To 9999. %



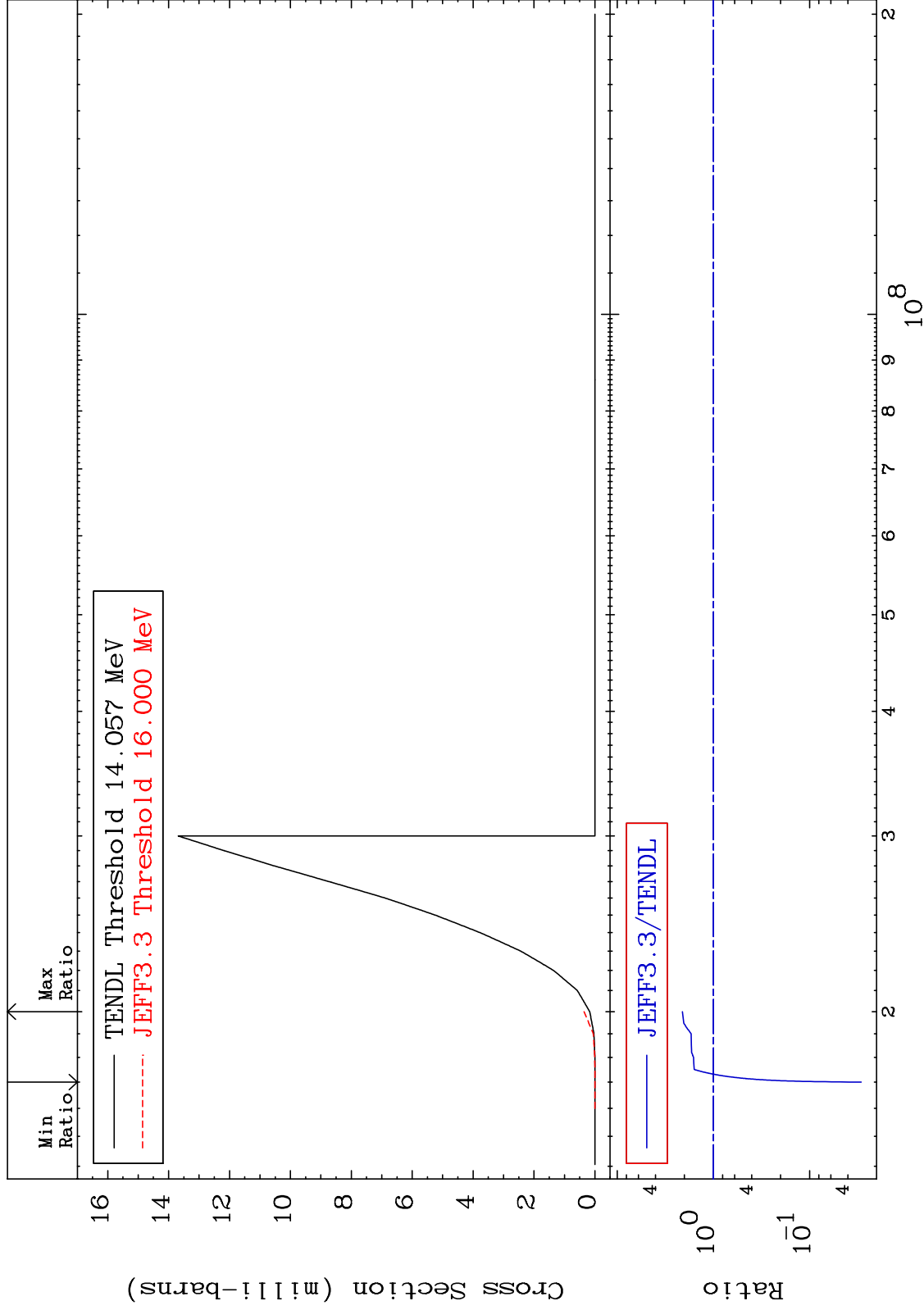
MAT 4034

(n, n') d

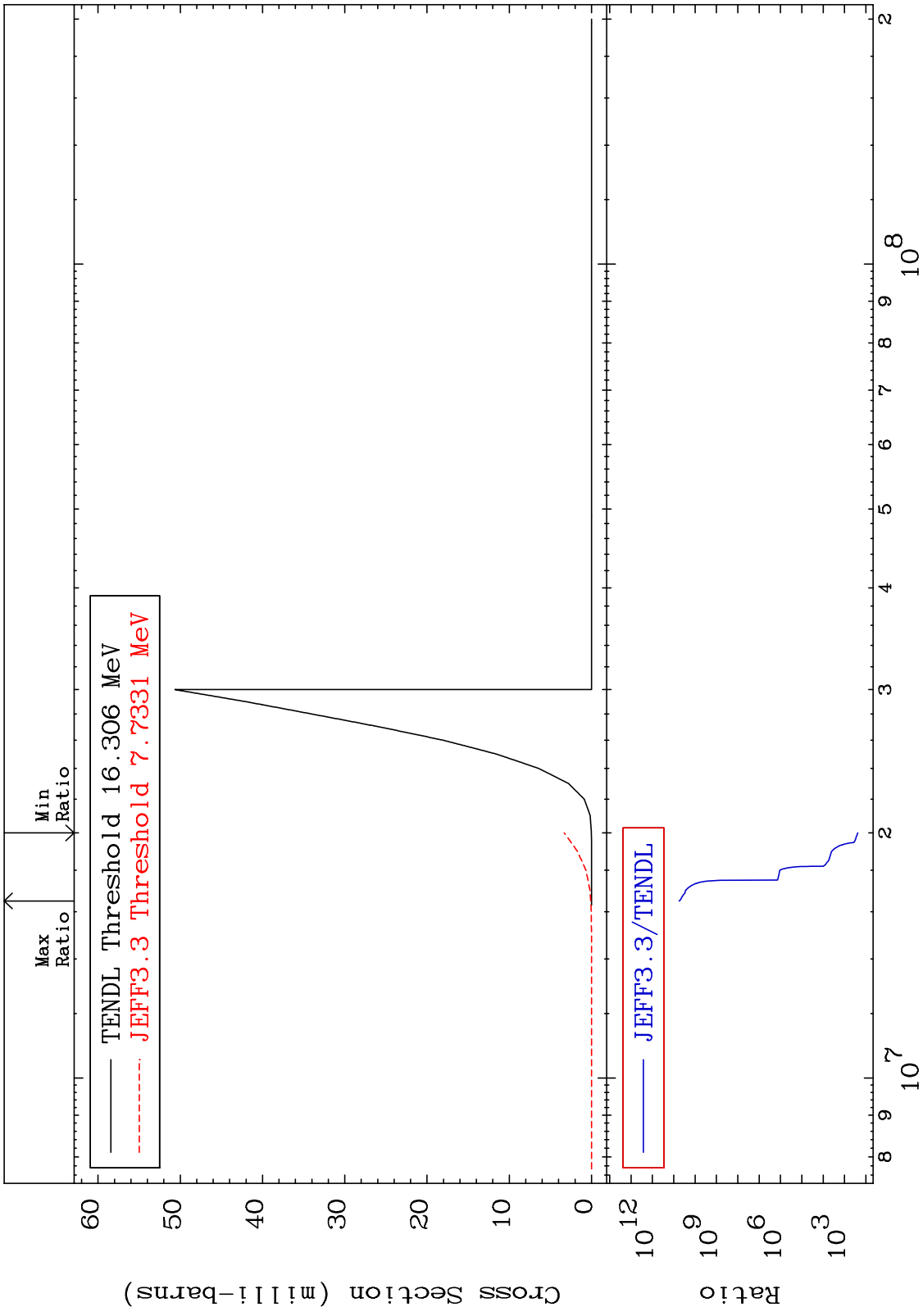
40-Zr-93

Cross Section

-97.10 To 109.6 %

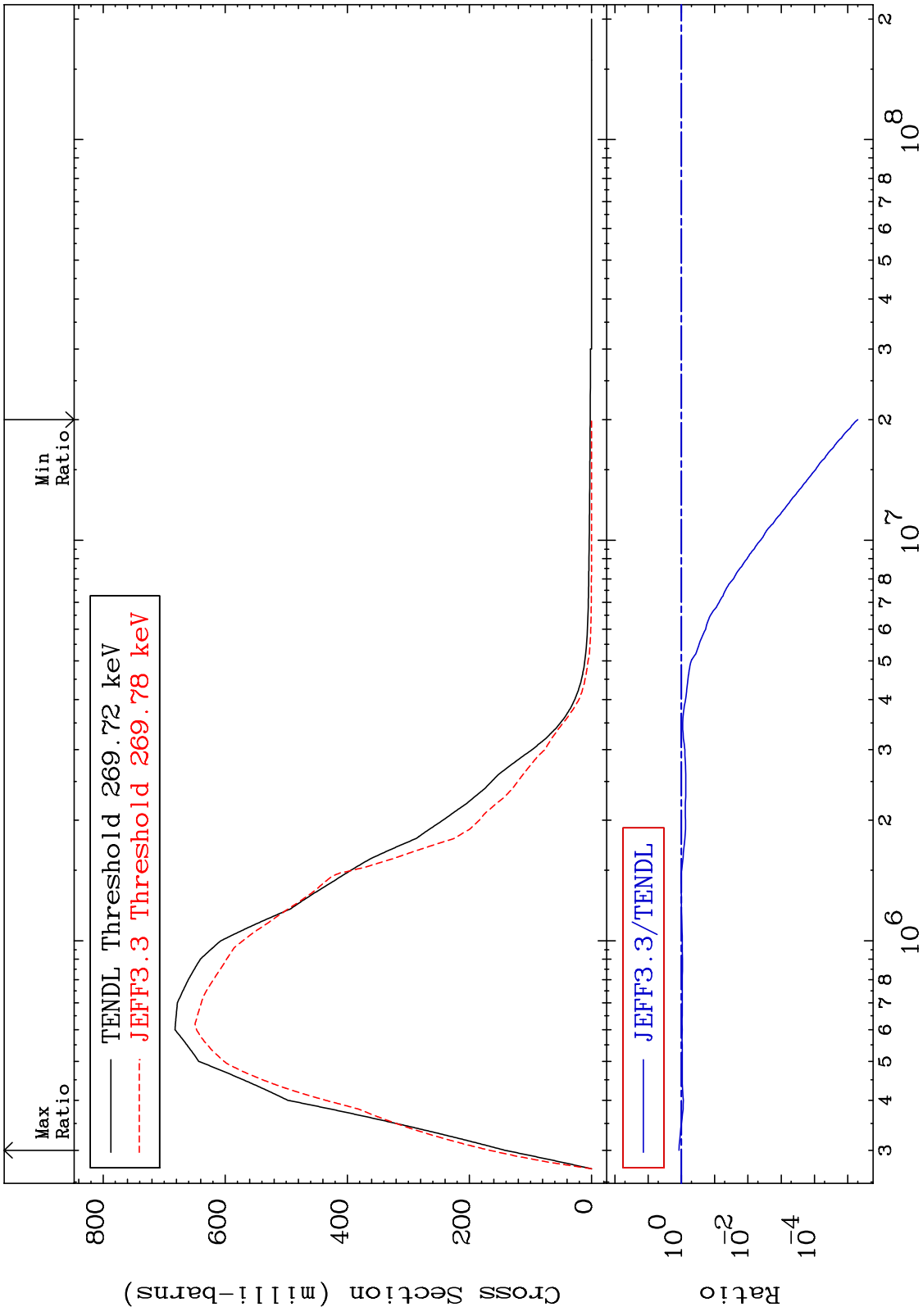


MAT 4034 (n,2n) p 40-Zr-93  
 Cross Section 9999. To 9999. %

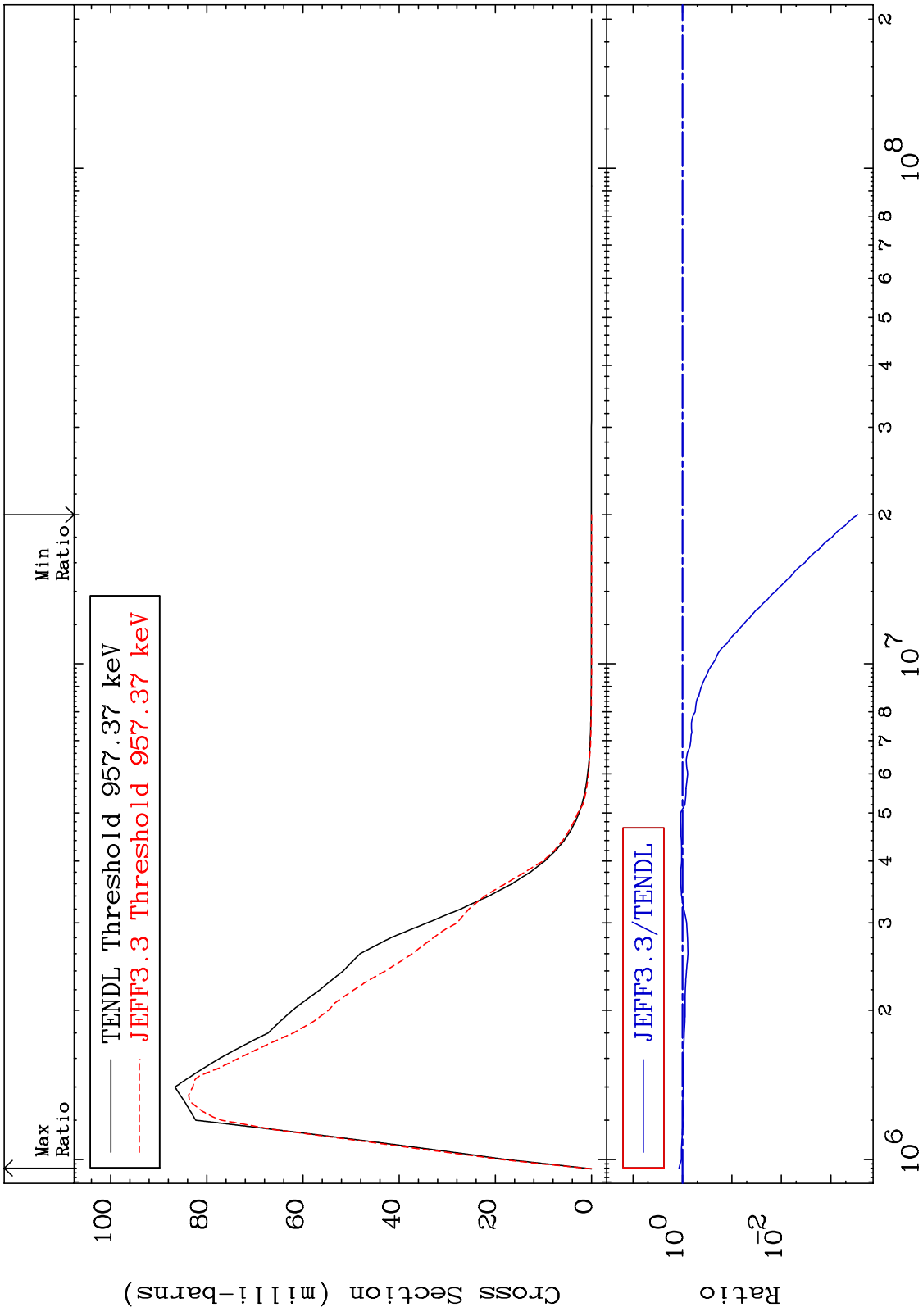


40-Zr-93

MAT 4034 MT= 51 (n,n') Level Cross Section -100.0 To 17.74 % 40-Zr-93

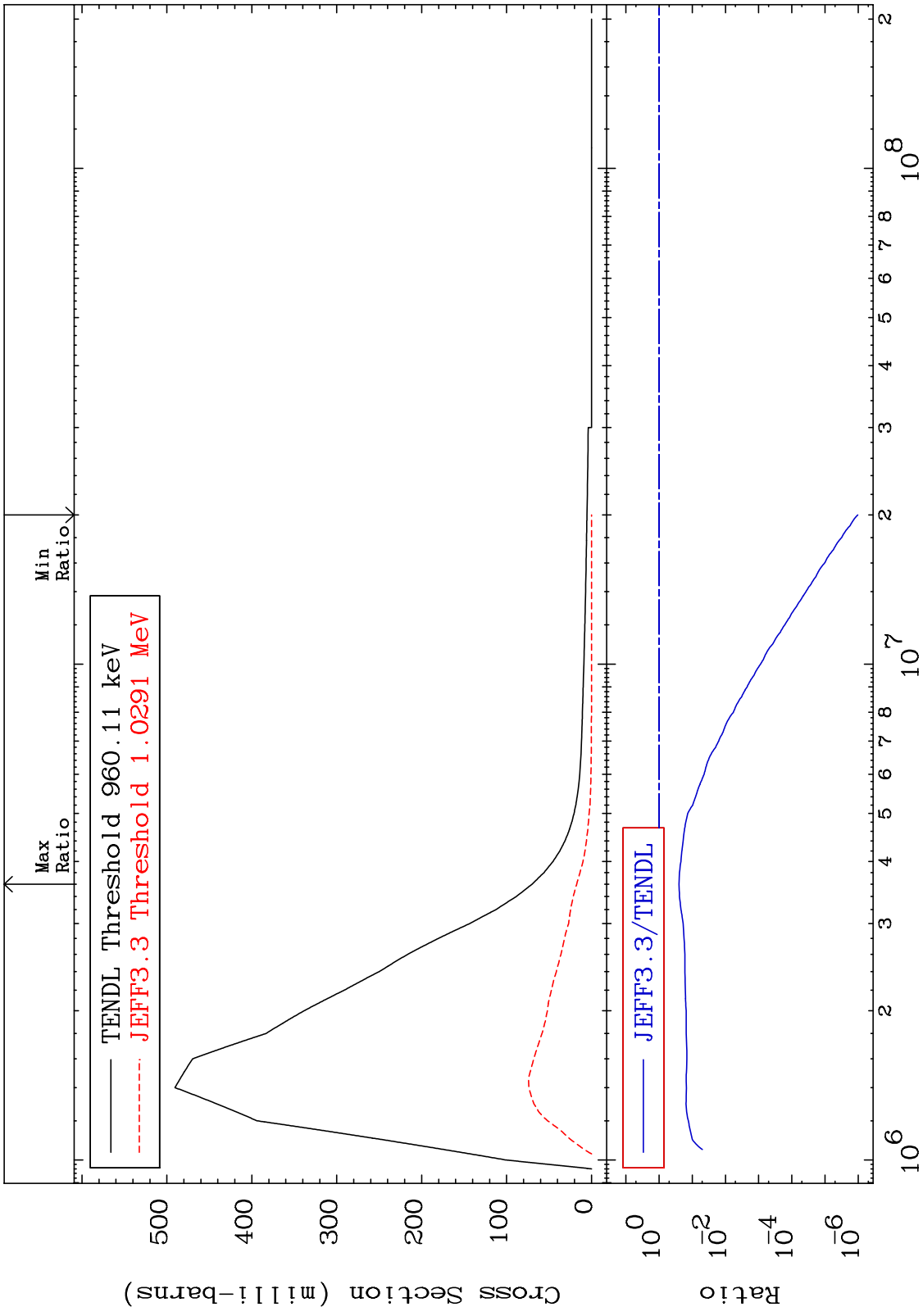


MAT 4034 MT= 52 (n,n') Level Cross Section 40-Zr-93  
-99.97 To 17.09 %



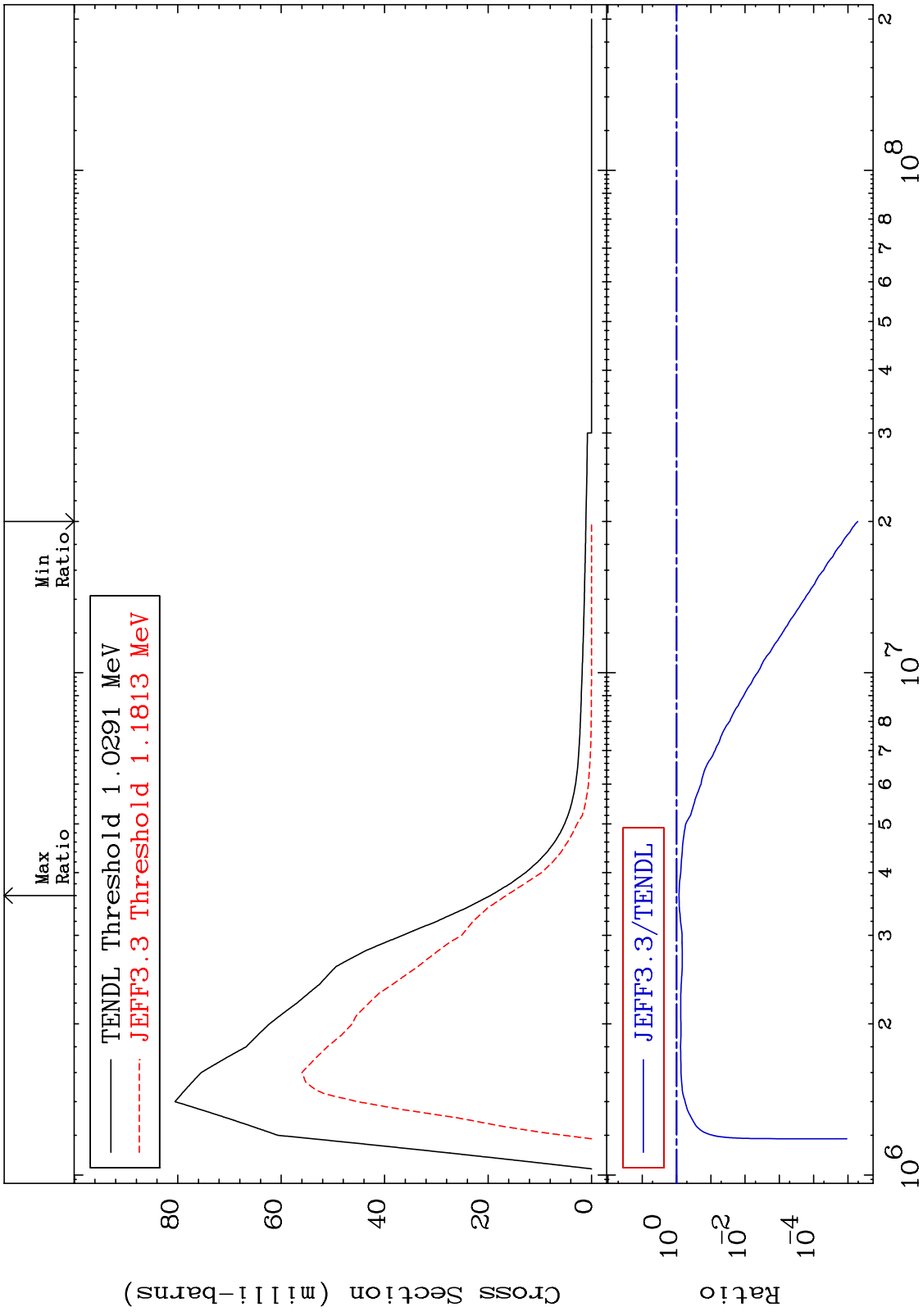
12 Incident Energy (eV) 40-Zr-93

MAT 4034 MT= 53 (n,n') Level Cross Section 40-Zr-93  
 -100.0 To -74.98%



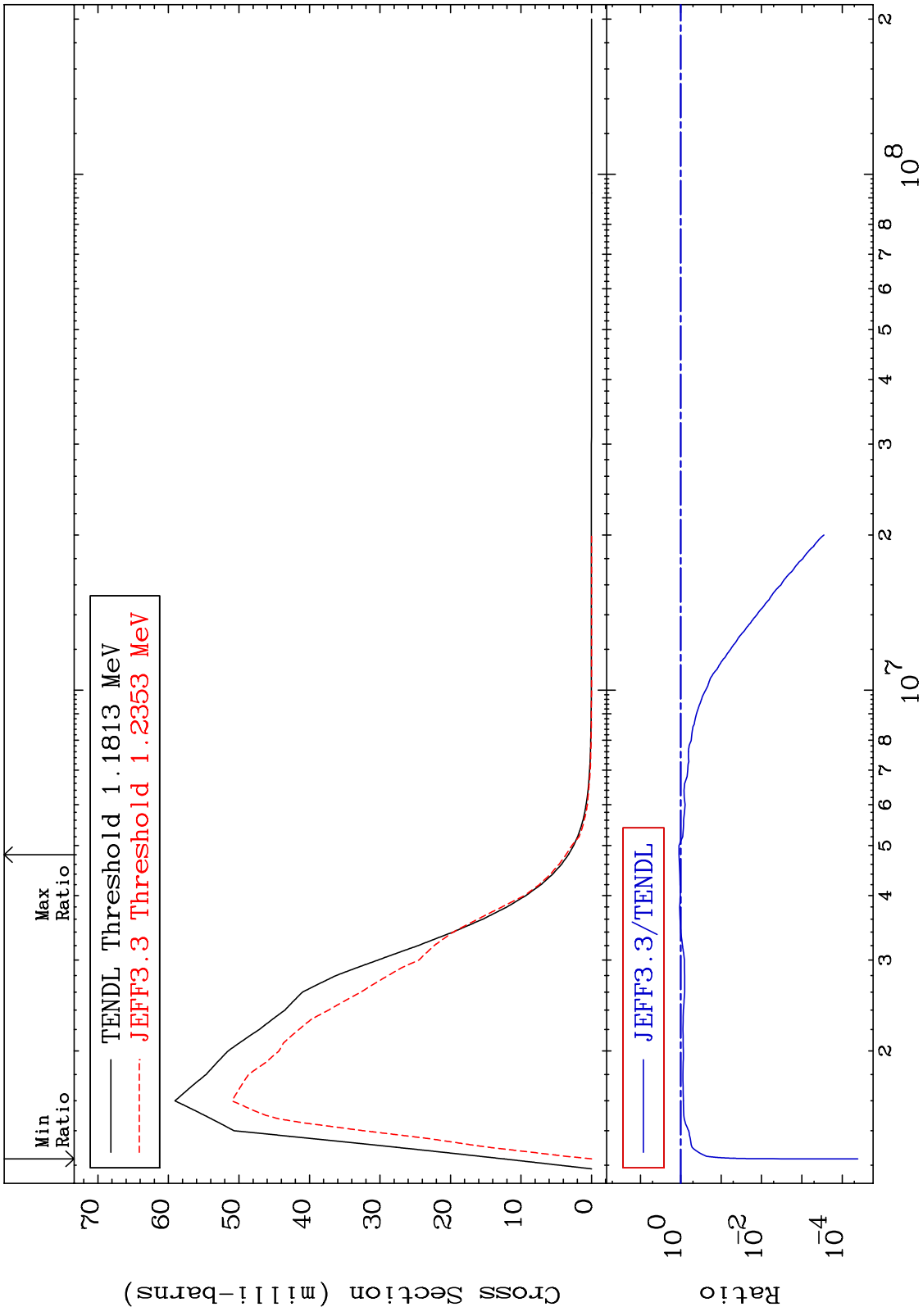
13 Incident Energy (eV) 40-Zr-93

MAT 4034 MT= 54 (n,n') Level Cross Section 40-Zr-93  
 -100.0 To -15.53%



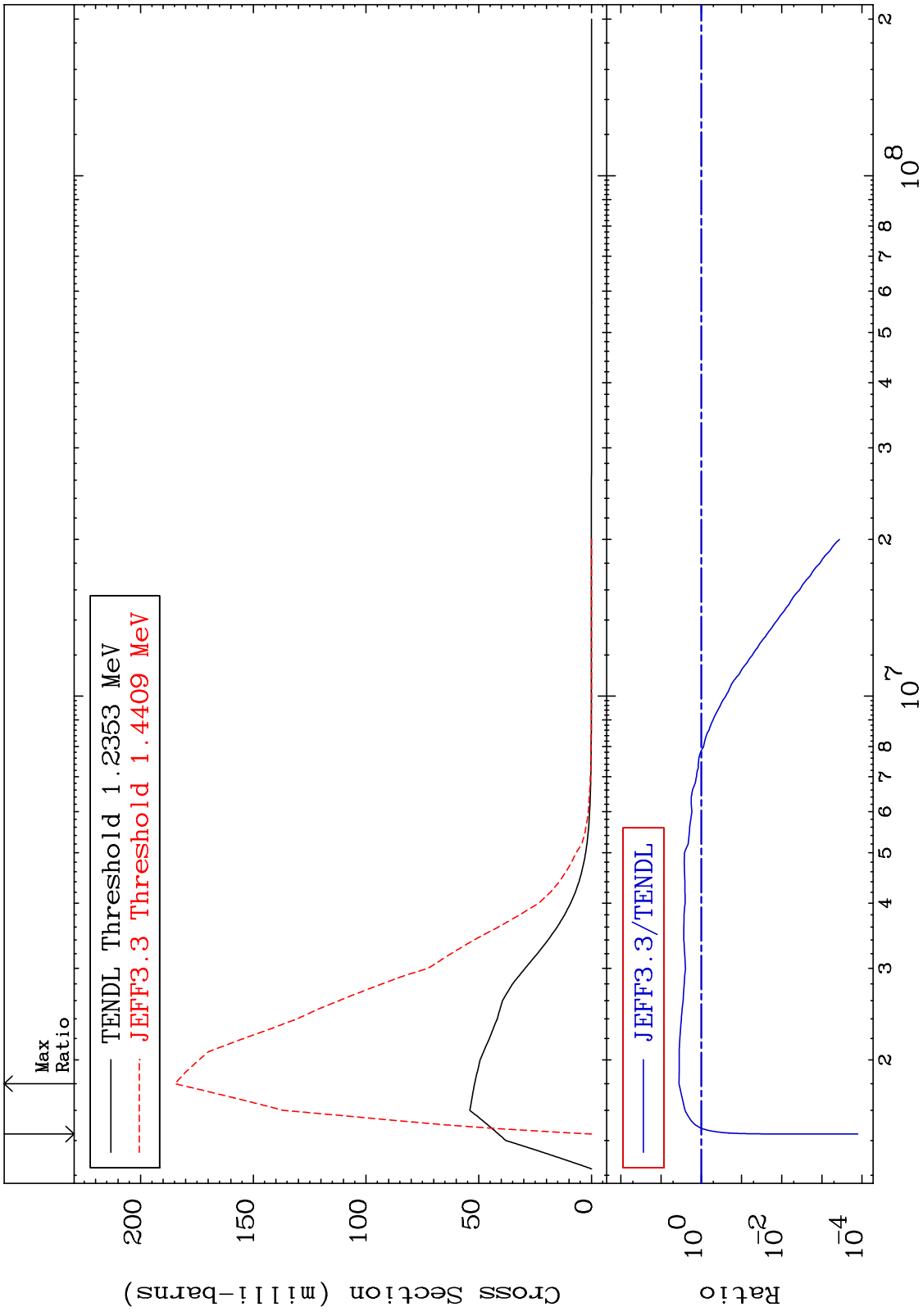
14 40-Zr-93

MAT 4034 MT= 55 (n,n') Level Cross Section 40-Zr-93  
 -100.0 To 10.29 %

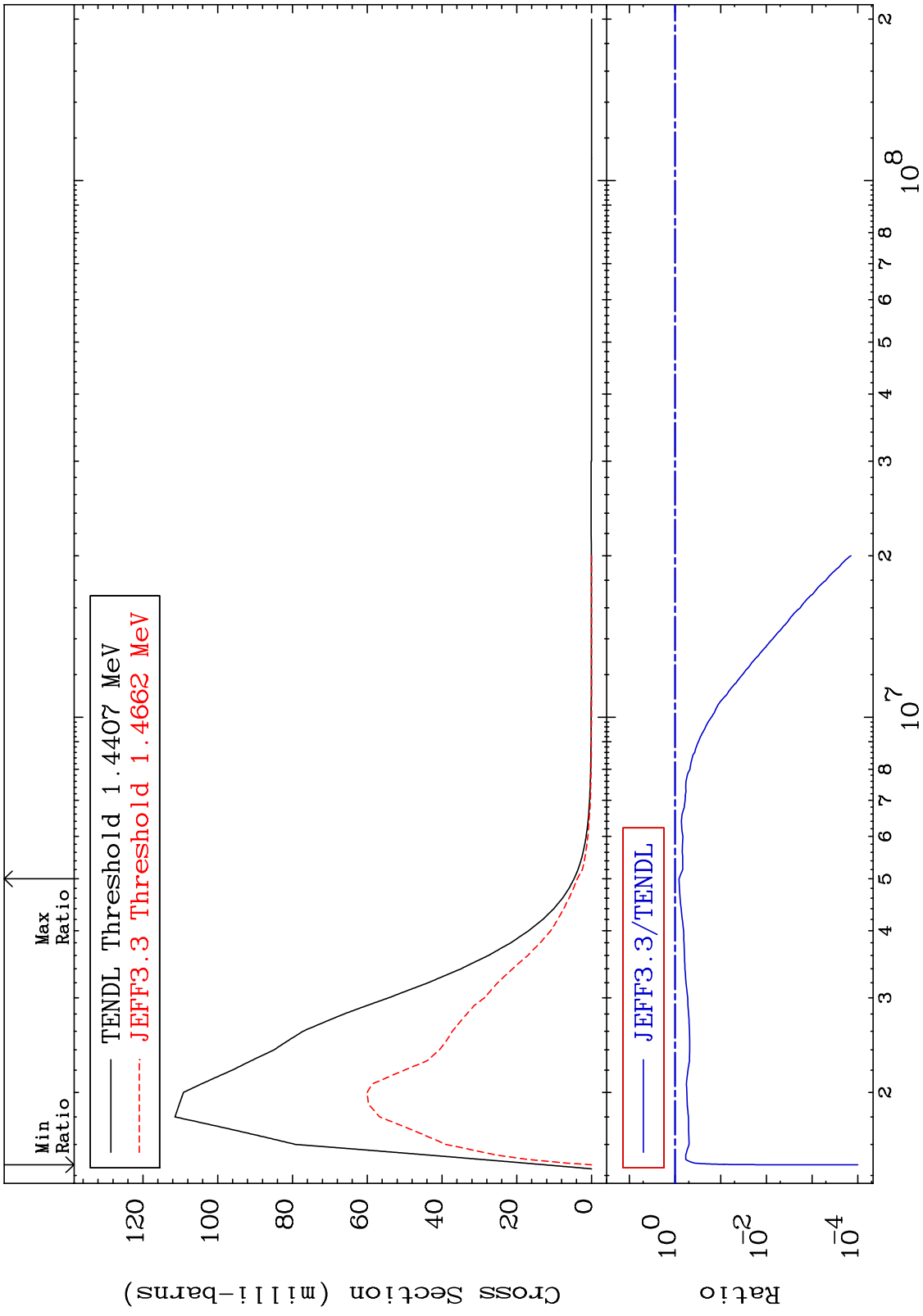




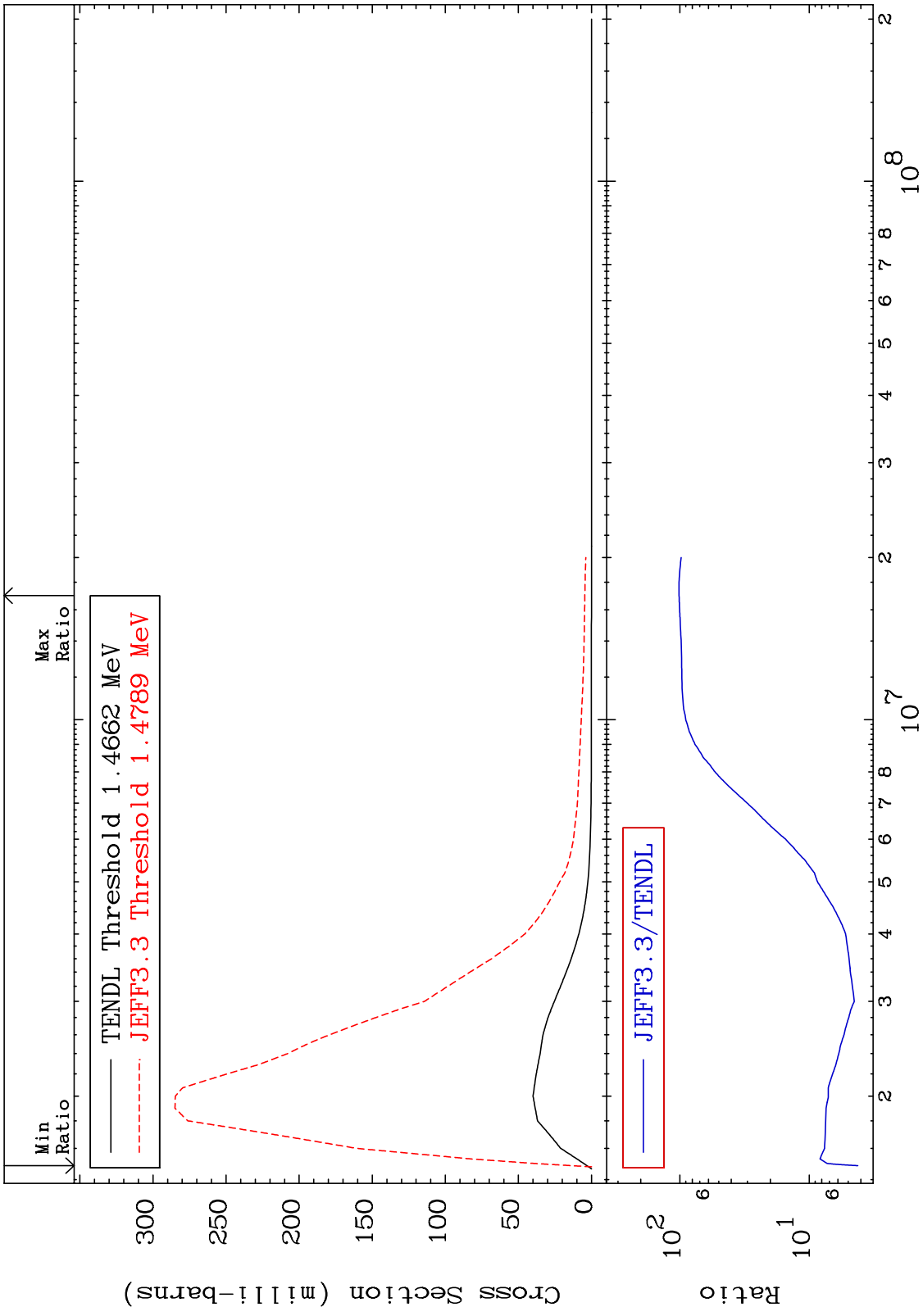
MAT 4034      MT= 56 (n,n') Level Cross Section      40-Zr-93  
 -99.99 To 256.2 %



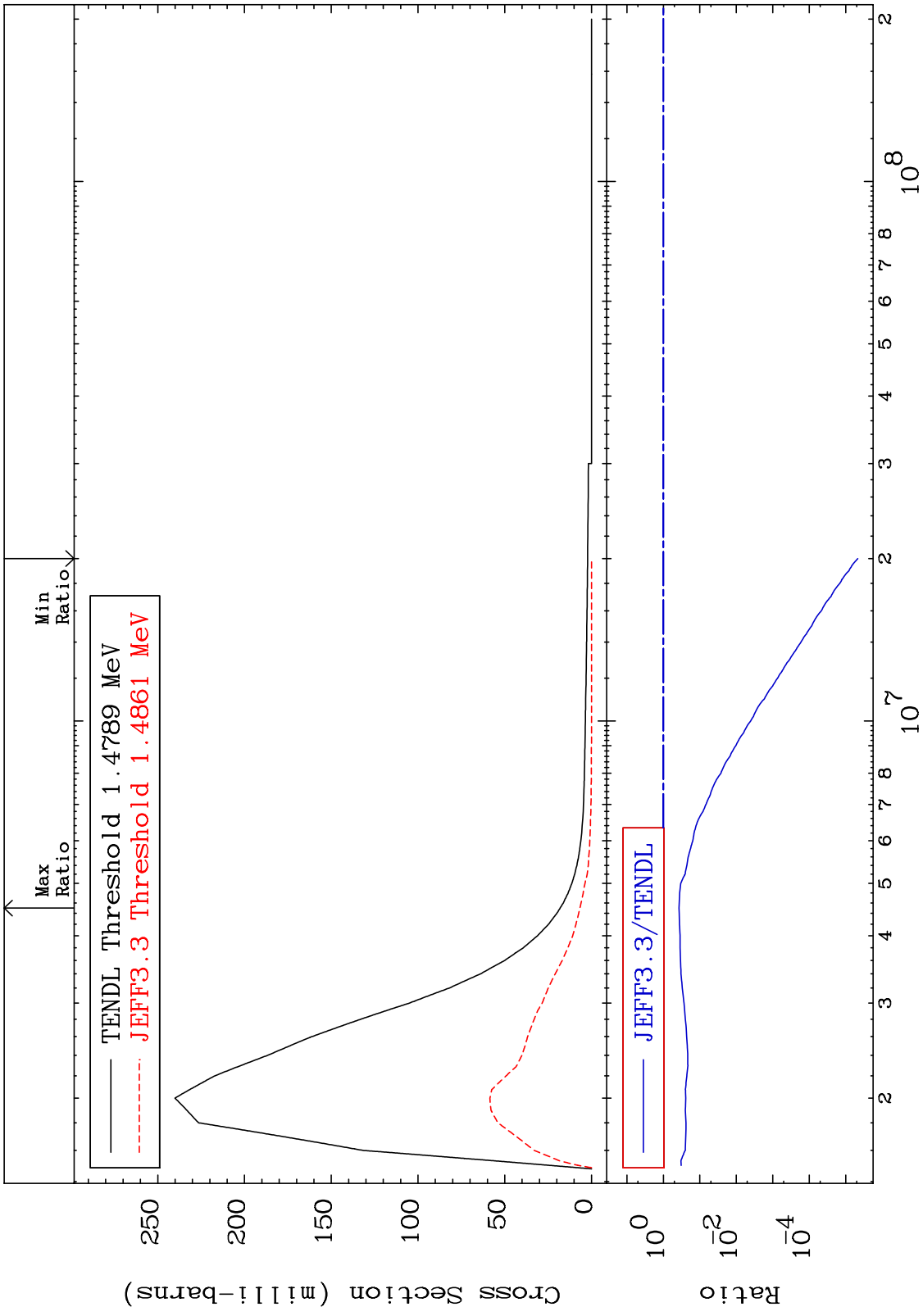
MAT 4034 MT= 57 (n,n') Level Cross Section 40-Zr-93 -99.99 To -18.47%



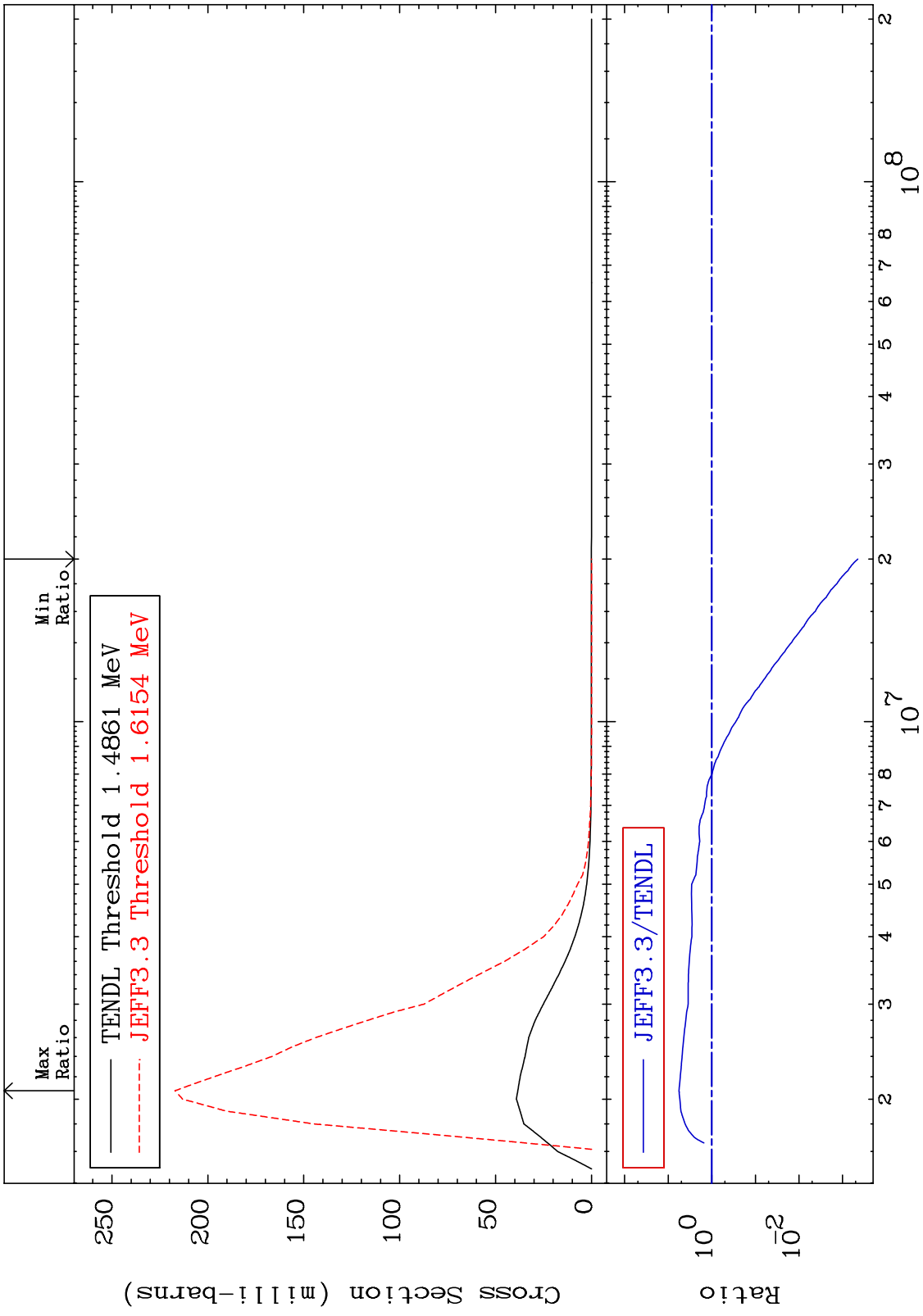
MAT 4034 MT= 58 (n,n') Level Cross Section 321.3 To 9999. % 40-Zr-93



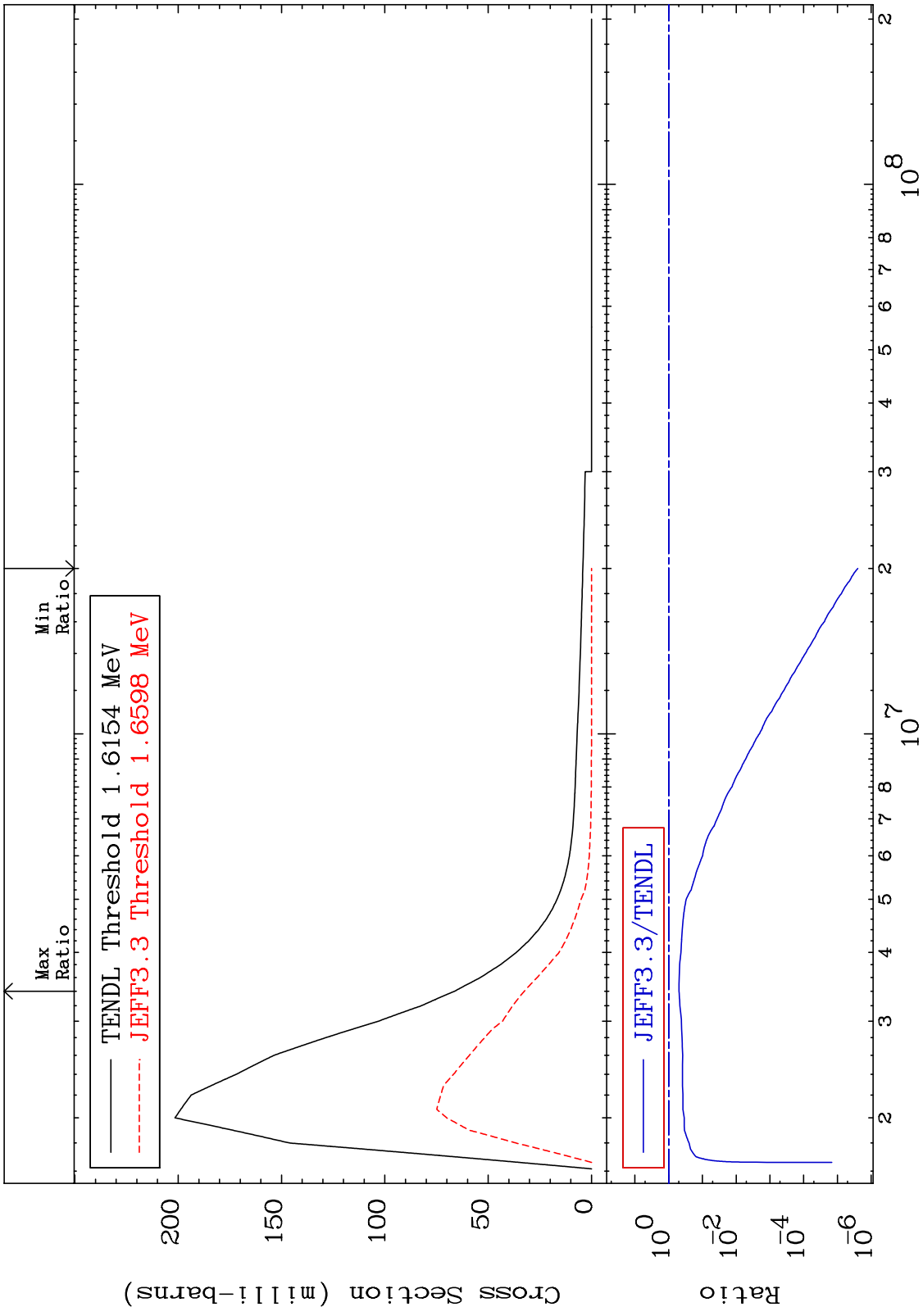
MAT 4034 MT= 59 (n,n') Level Cross Section -100.0 To -62.89% 40-Zr-93



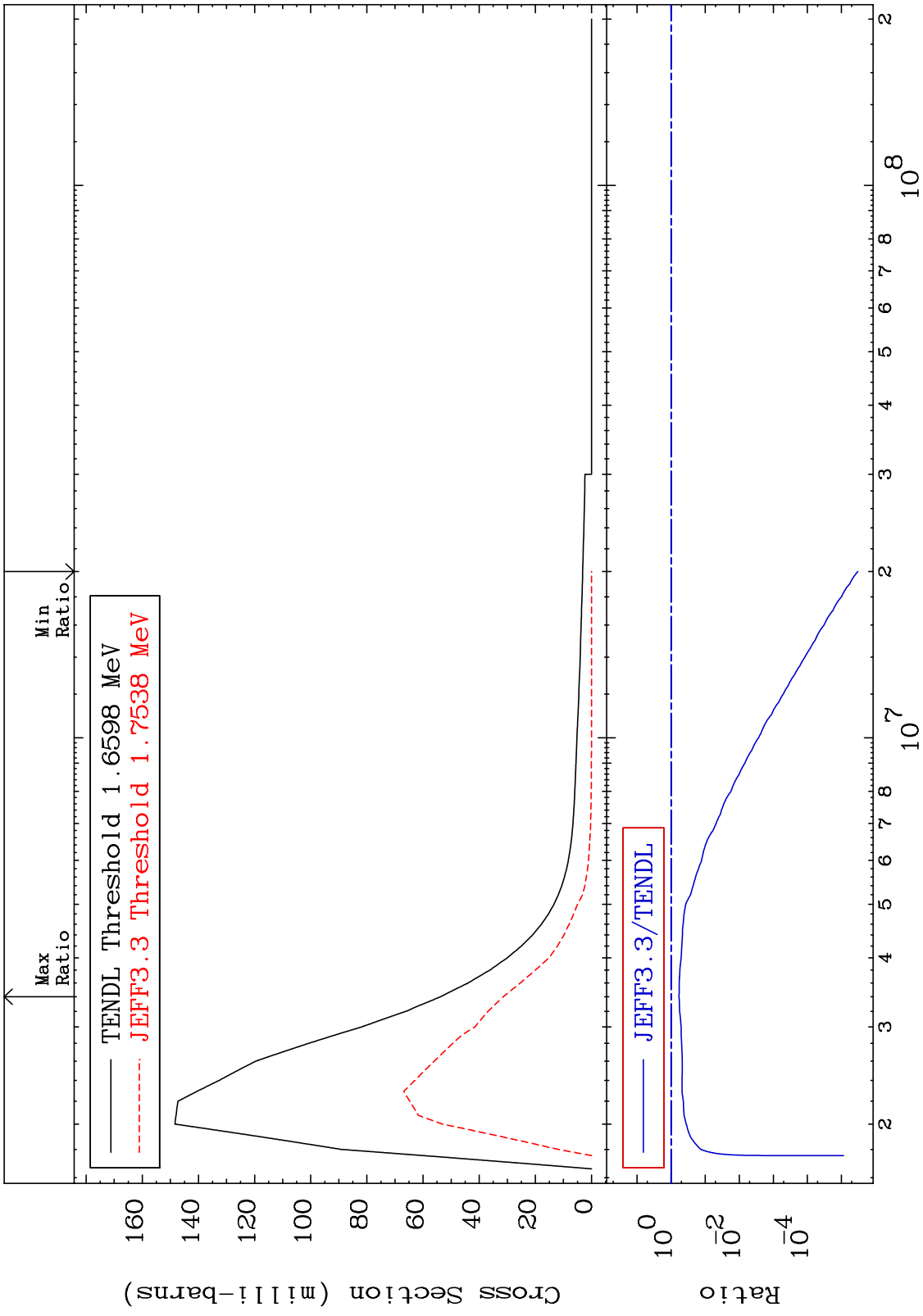
MAT 4034 MT= 60 (n,n') Level Cross Section 40-Zr-93  
 -99.96 To 465.0 %



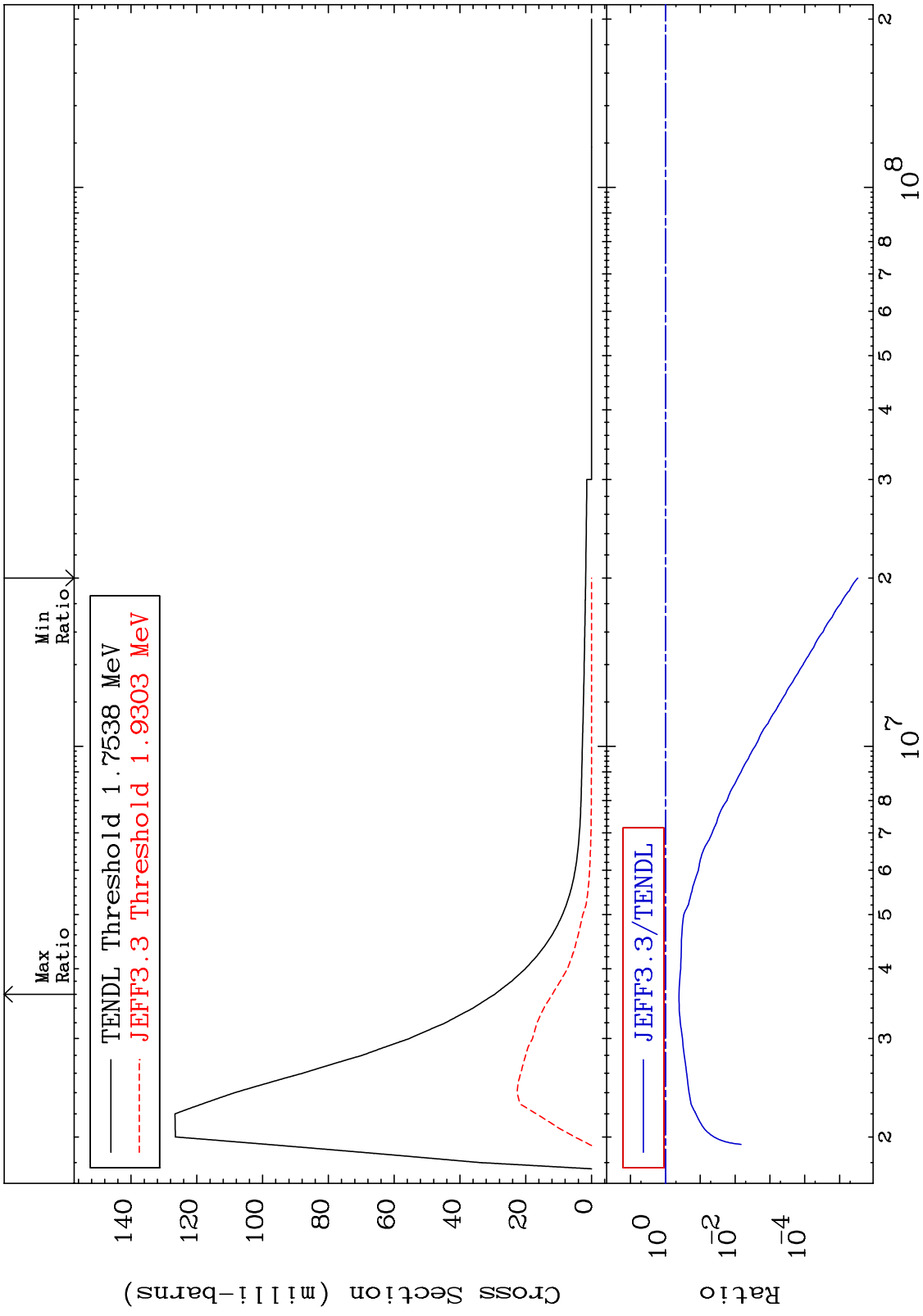
MAT 4034 MT= 61 (n,n') Level Cross Section 40-Zr-93  
 -100.0 To -50.83%



MAT 4034 MT= 62 (n,n') Level Cross Section -100.0 To -41.57% 40-Zr-93

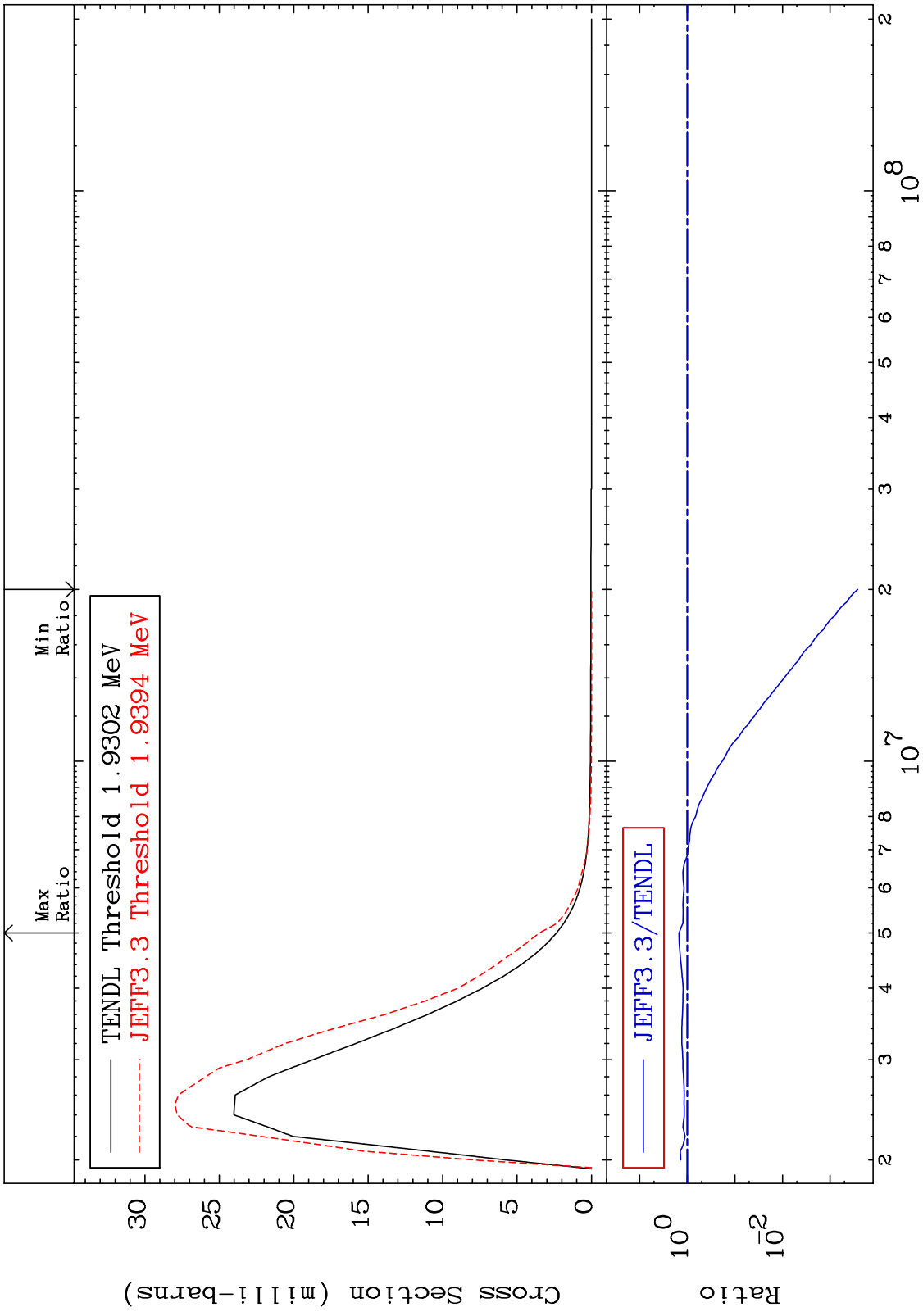


MAT 4034 MT= 63 (n,n') Level Cross Section 40-Zr-93  
 -100.0 To -59.55%



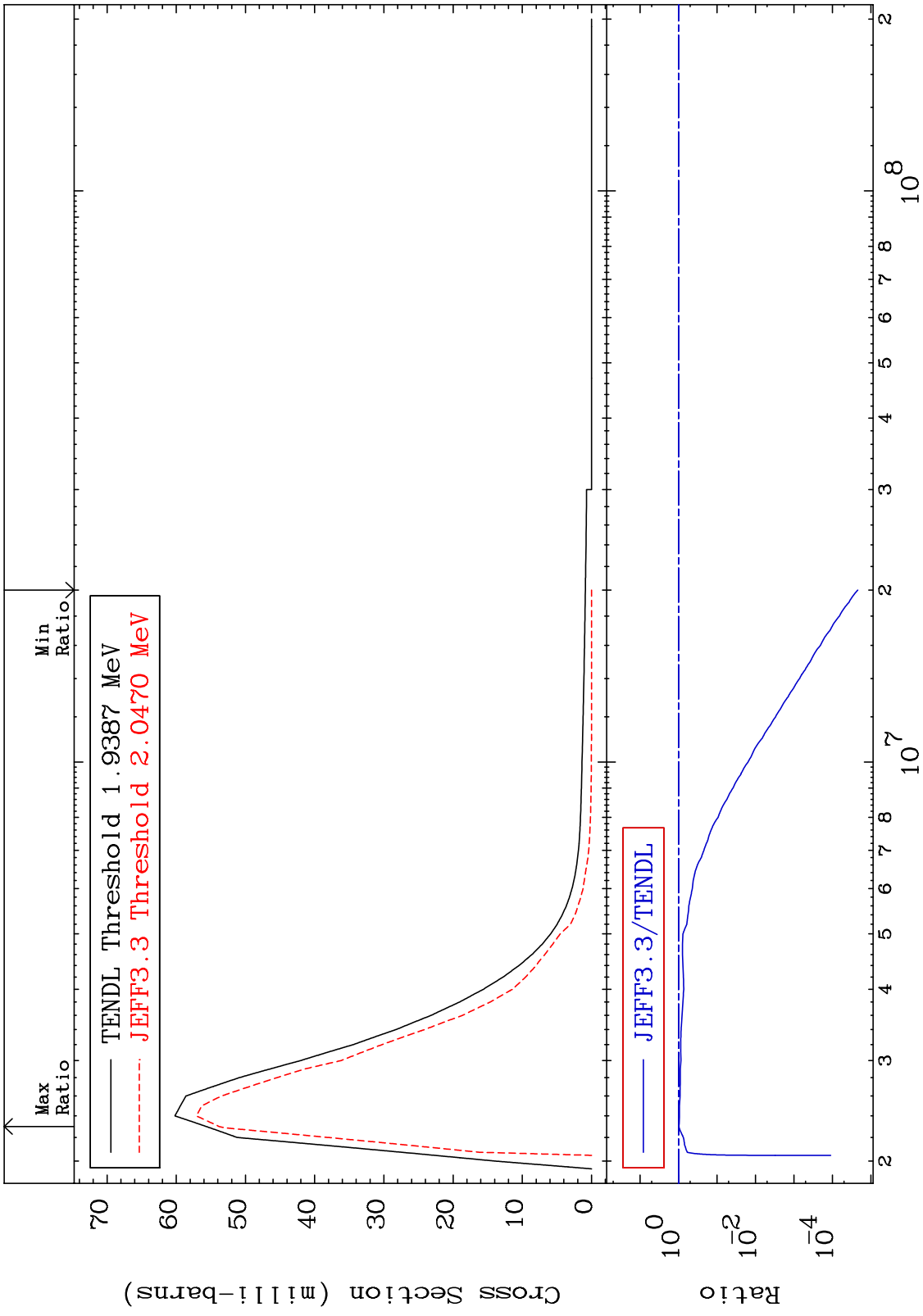


MAT 4034 MT= 64 (n,n') Level Cross Section 40-Zr-93  
 -99.97 To 48.99 %

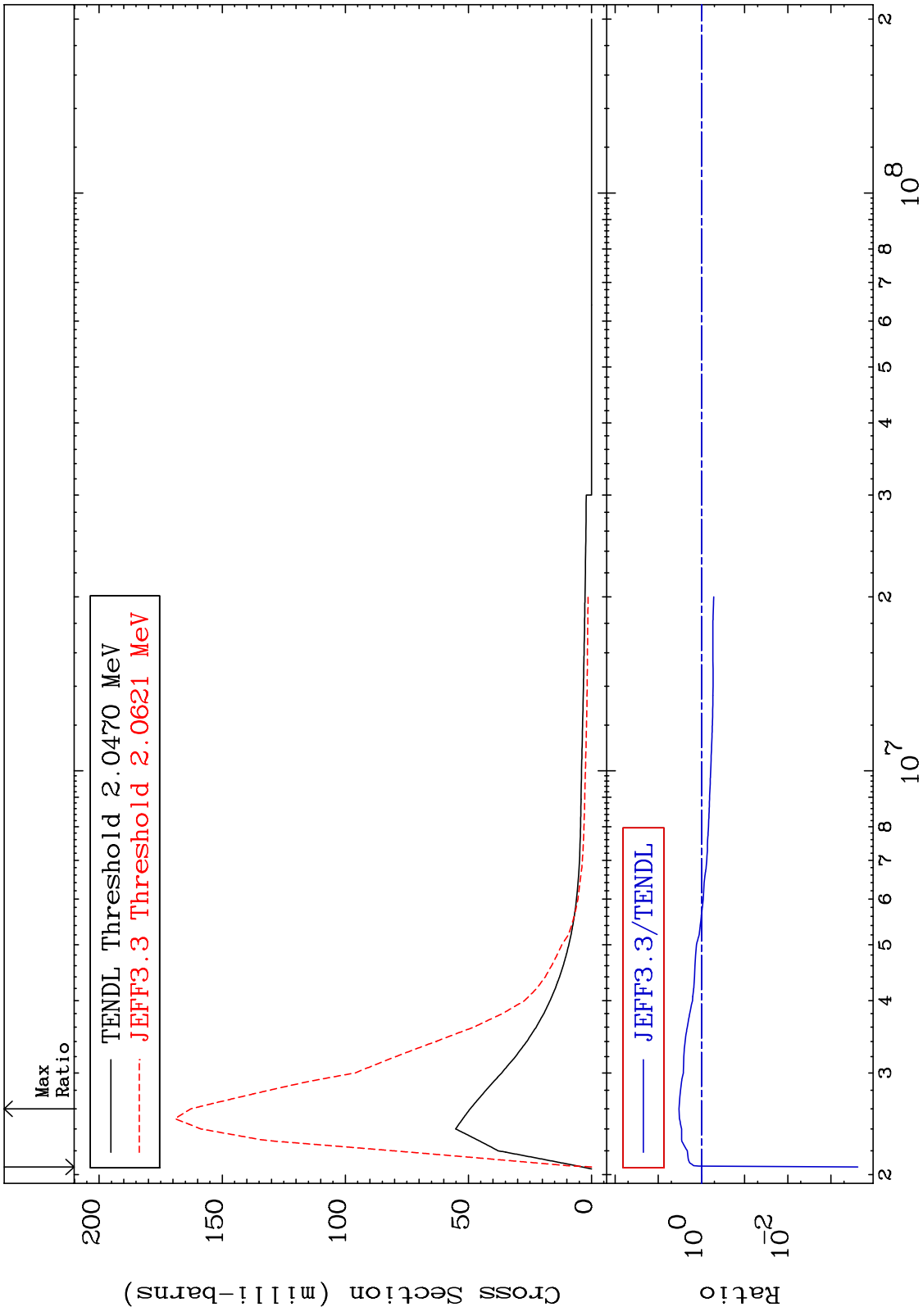


24 Incident Energy (eV) 40-Zr-93

MAT 4034 MT= 65 (n,n') Level Cross Section -100.0 To -3.344% 40-Zr-93



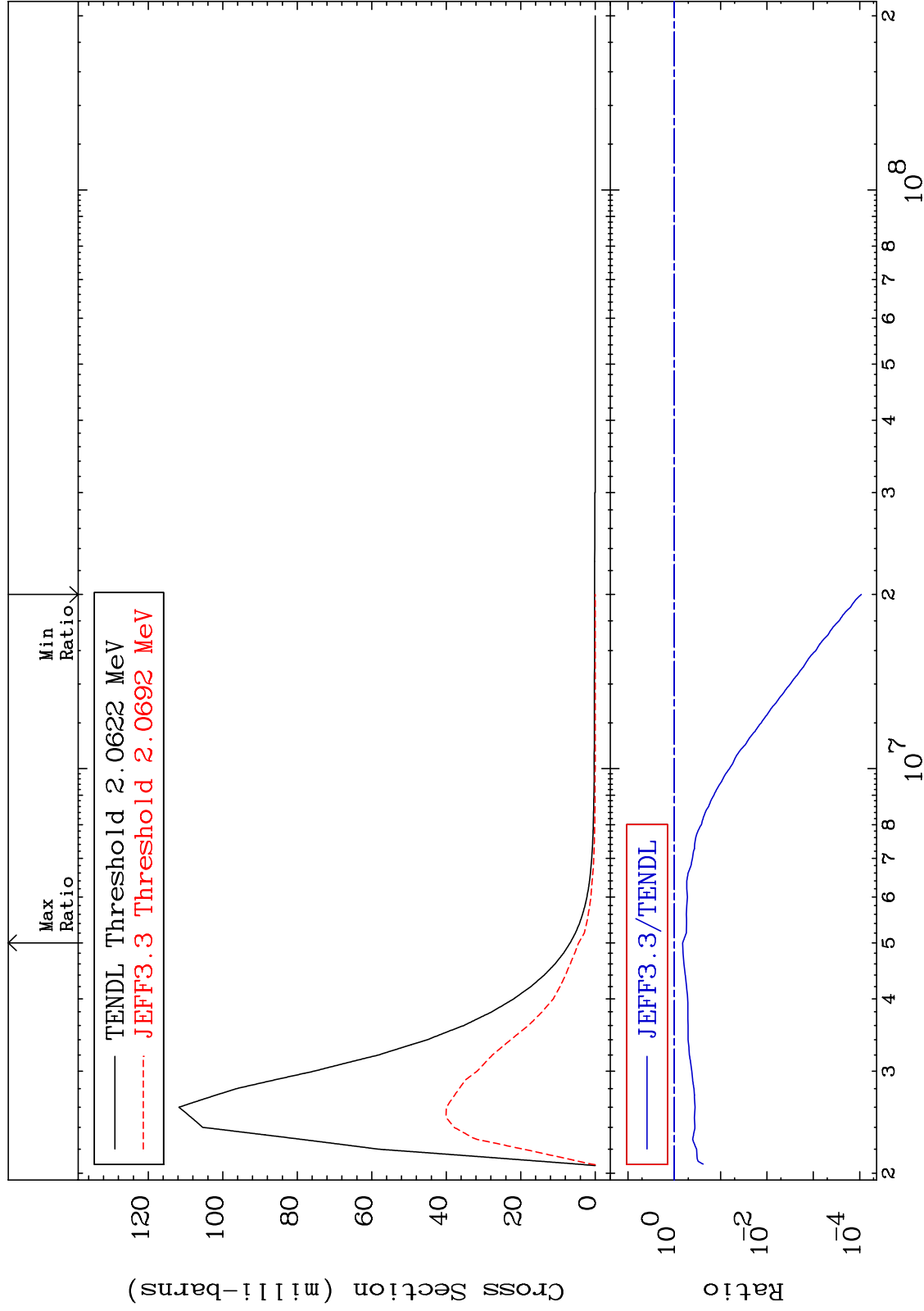
MAT 4034 MT= 66 (n,n') Level Cross Section 40-Zr-93  
 -99.98 To 230.3 %



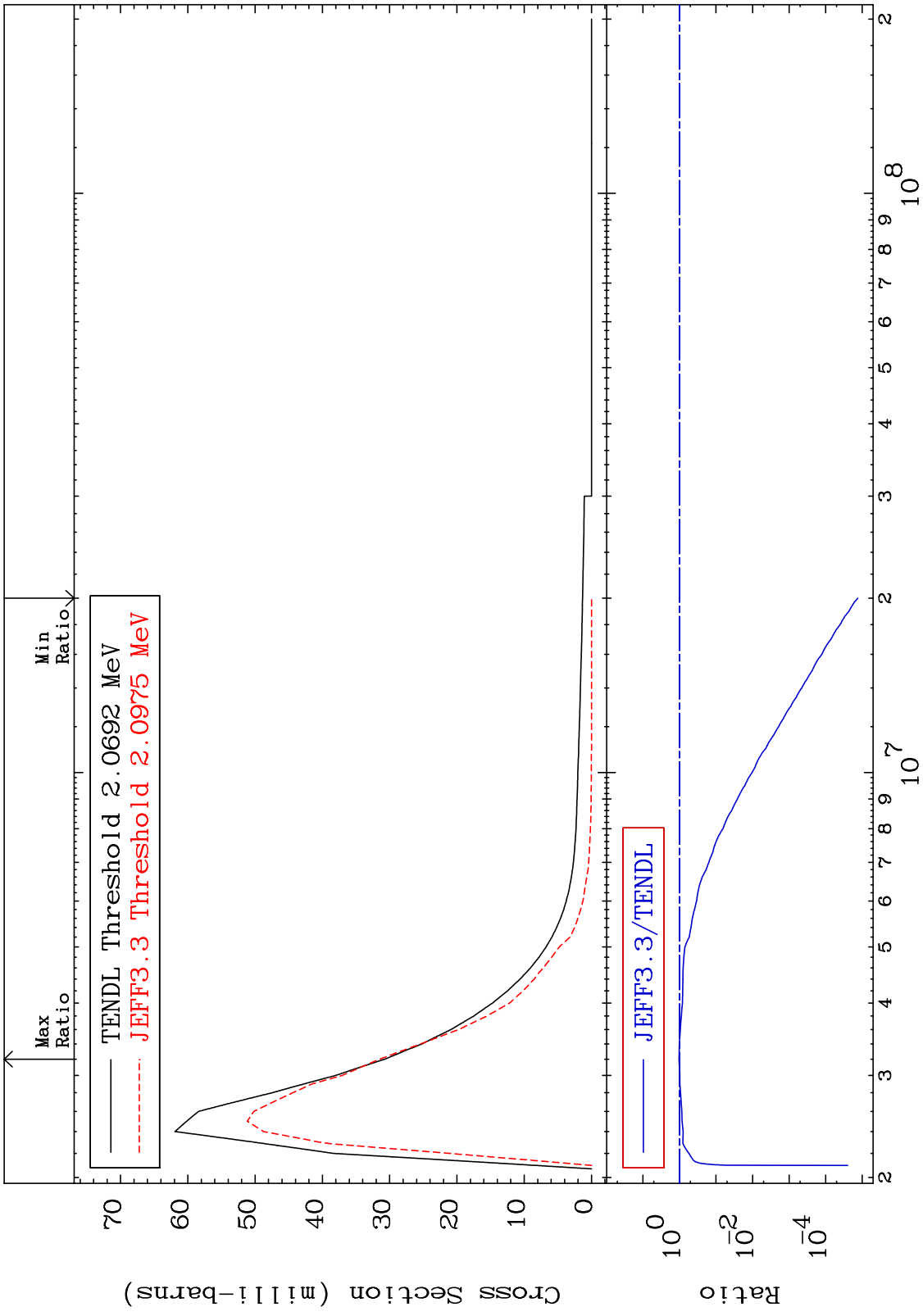
MAT 4034

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

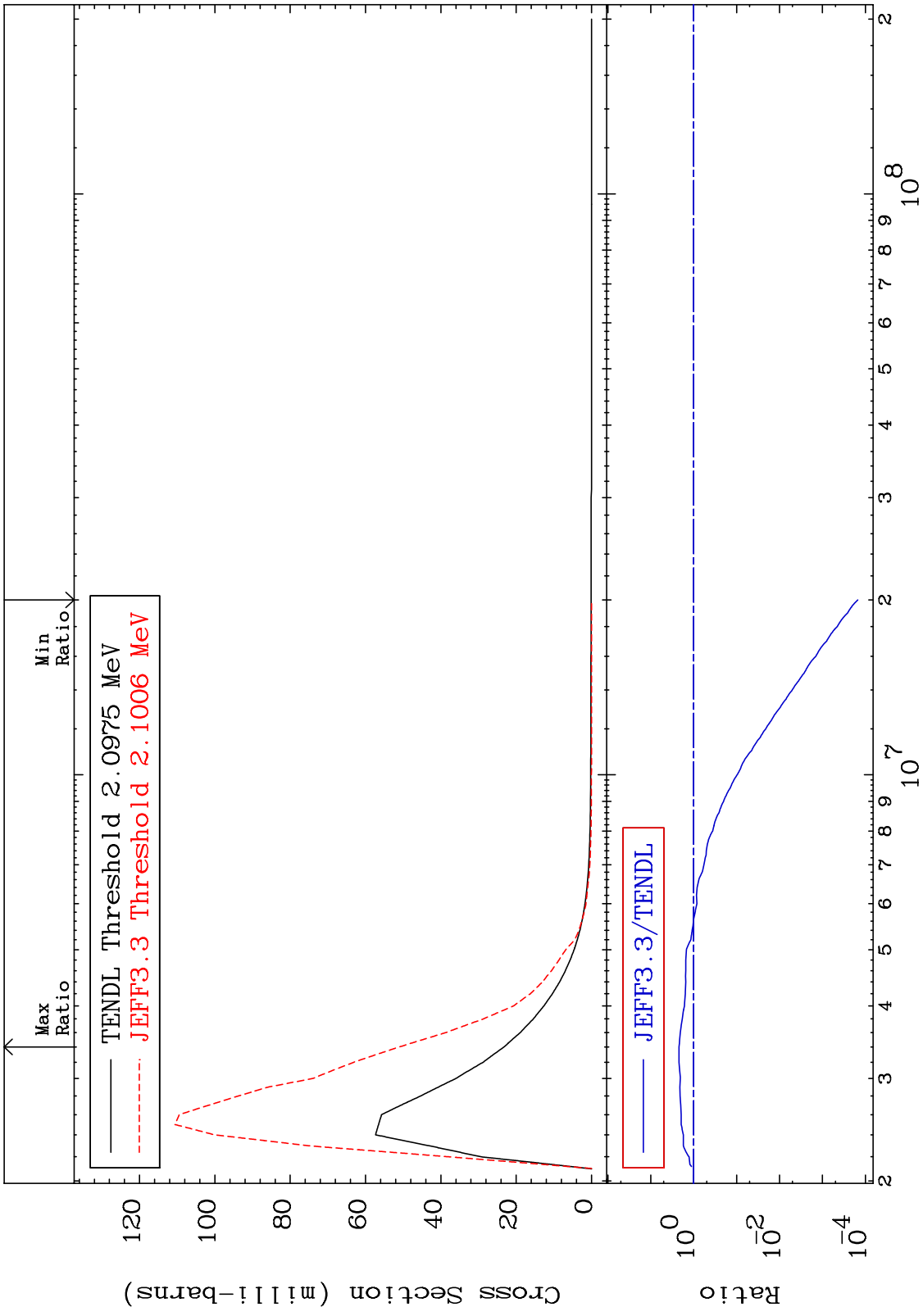
40-Zr-93  
-99.99 To -33.85%



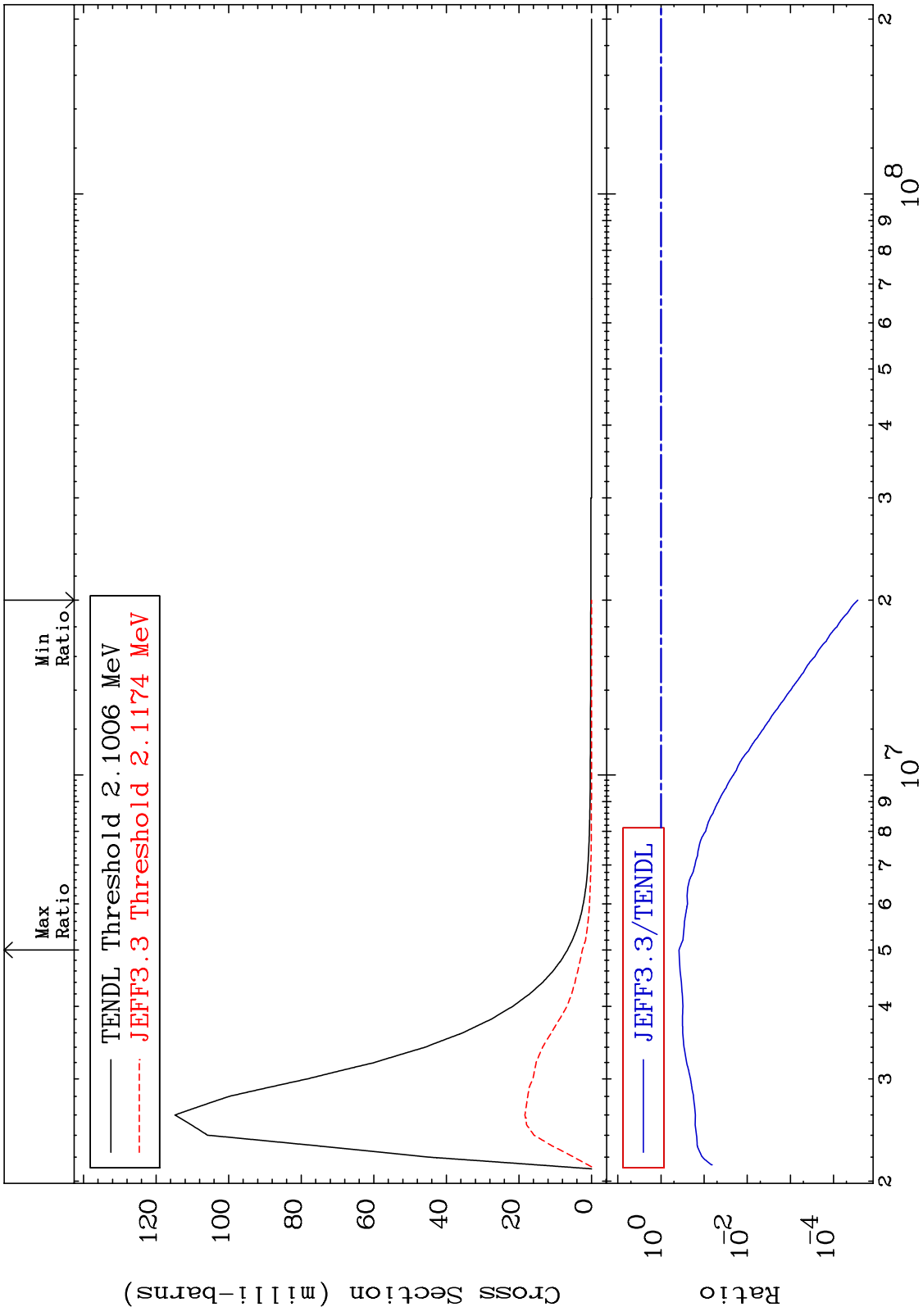
MAT 4034 MT= 68 (n,n') Level Cross Section -100.0 To 2.395 % 40-Zr-93



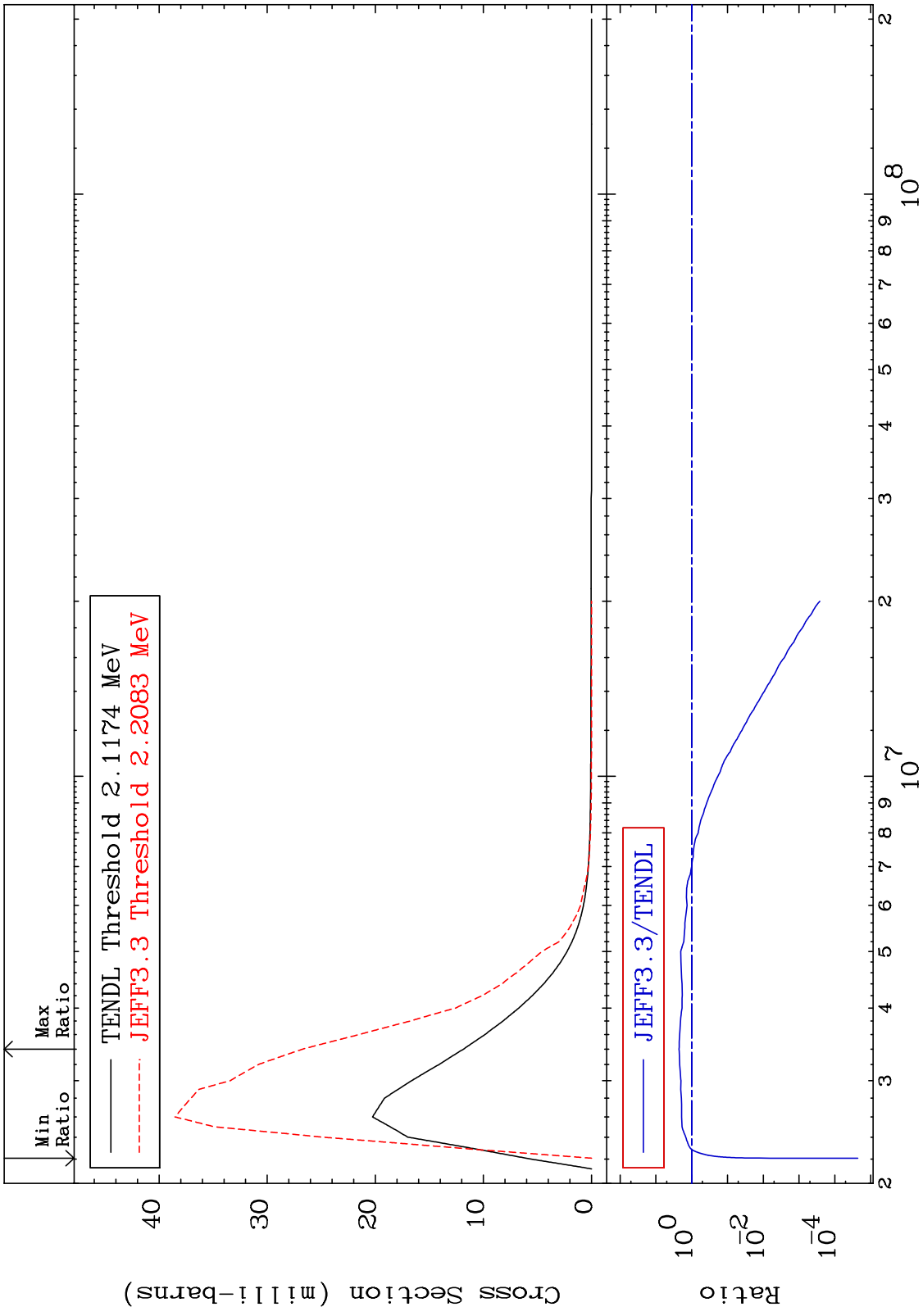
MAT 4034 MT= 69 (n,n') Level Cross Section 40-Zr-93  
 -99.99 To 119.6 %



MAT 4034 MT= 70 (n,n') Level Cross Section 40-Zr-93  
 -100.0 To -61.91%

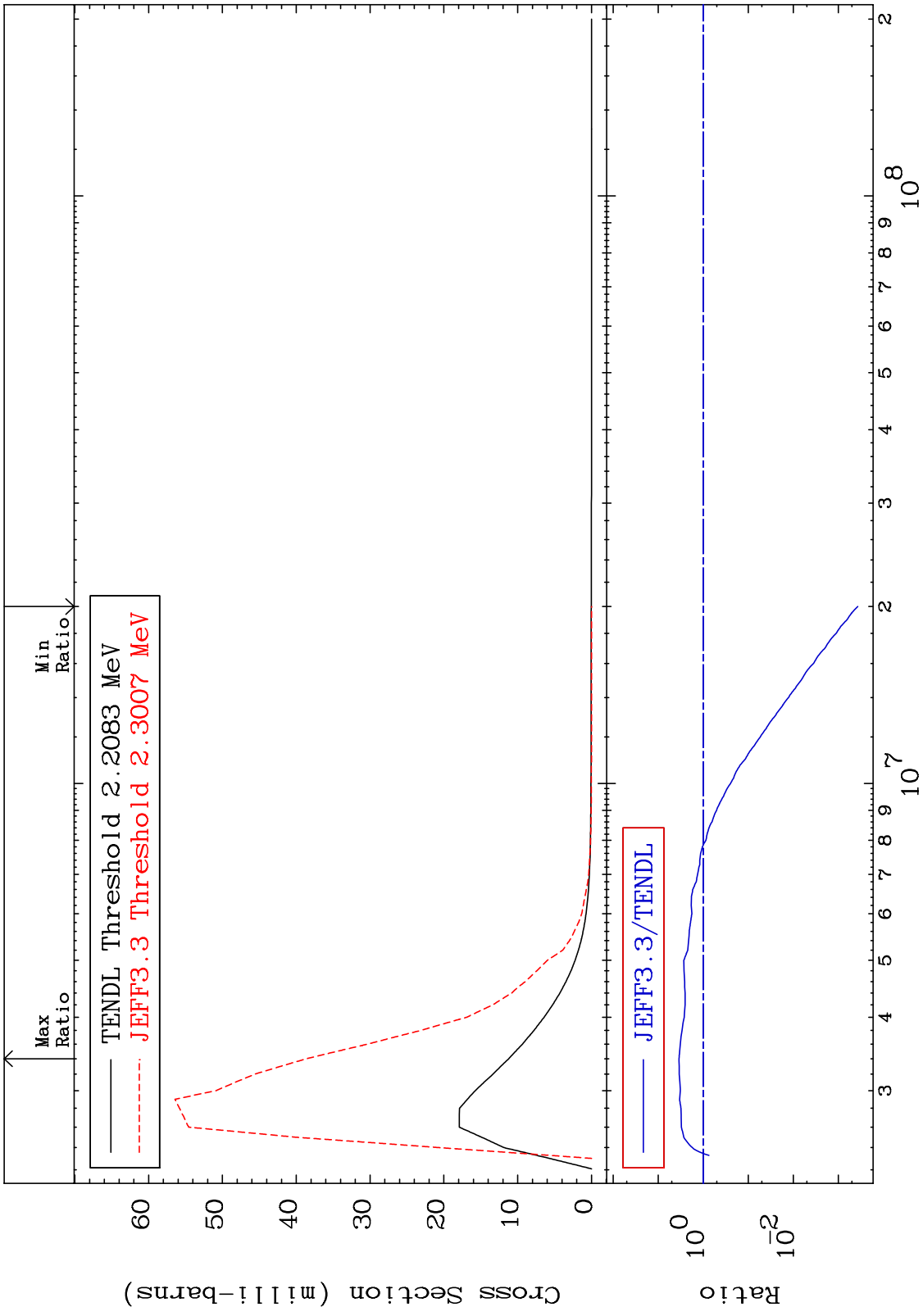


MAT 4034 MT= 71 (n,n') Level Cross Section 40-Zr-93  
 -100.0 To 125.7 %

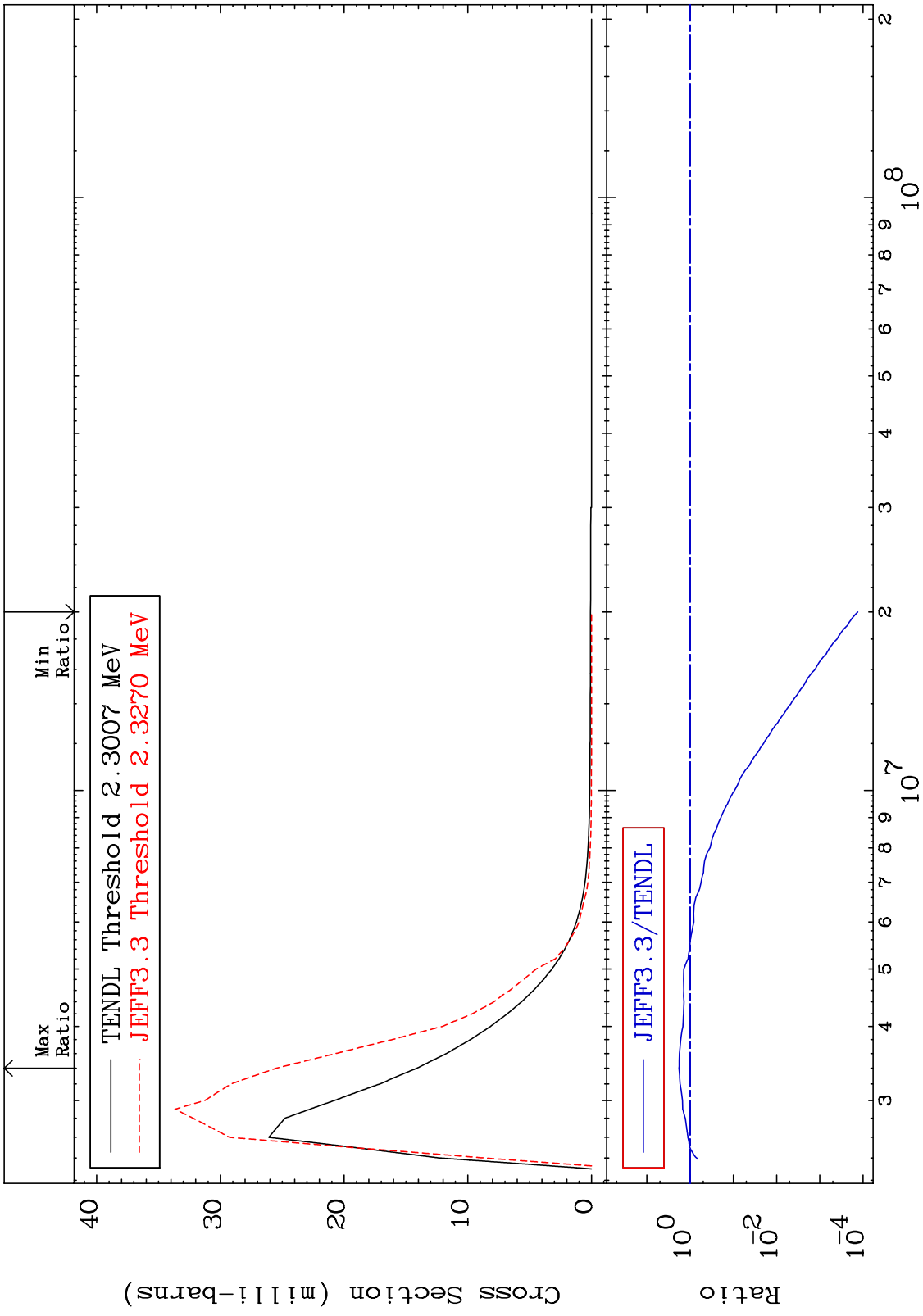




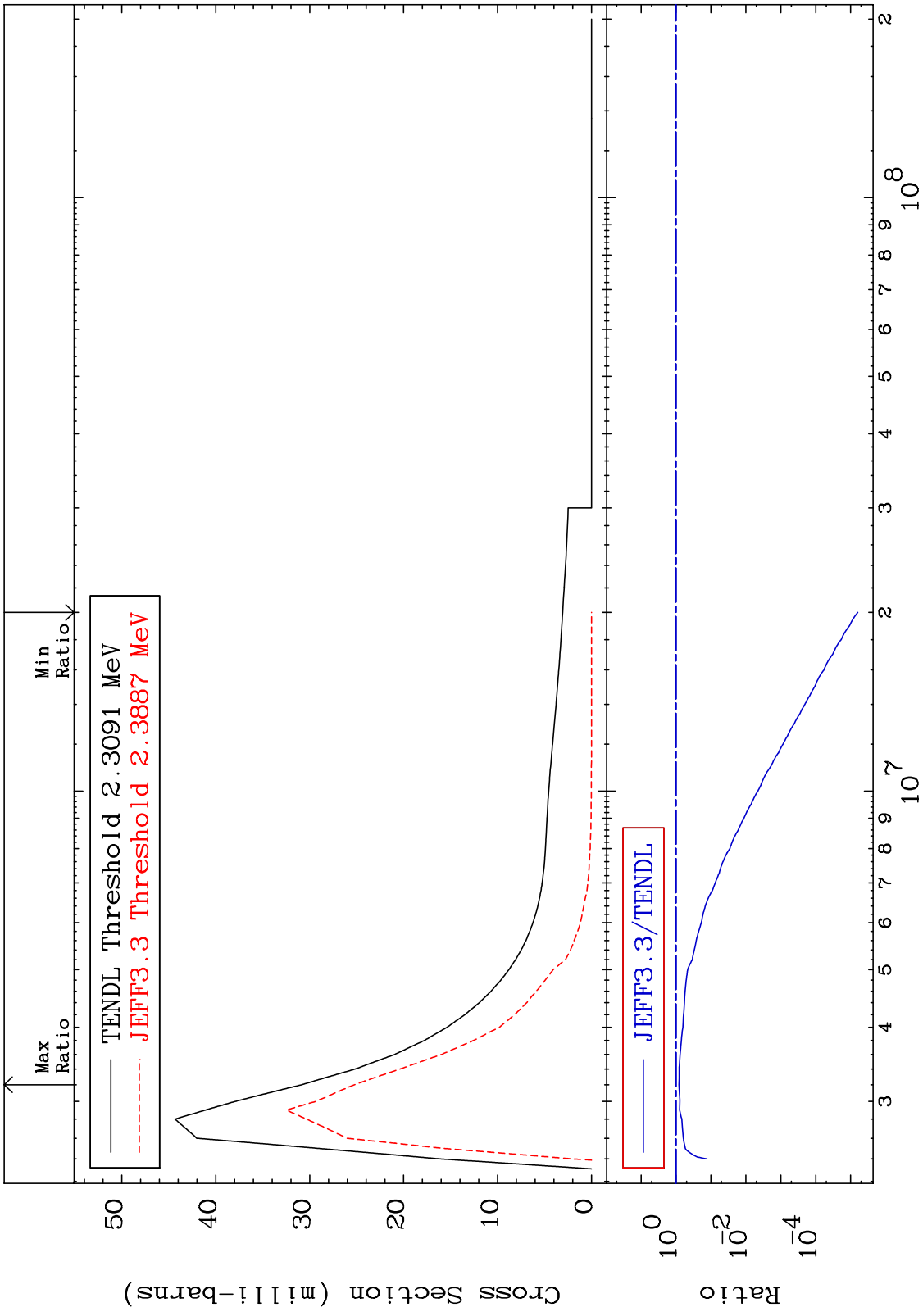
MAT 4034 MT= 72 (n,n') Level Cross Section 40-Zr-93  
 -99.96 To 244.2 %



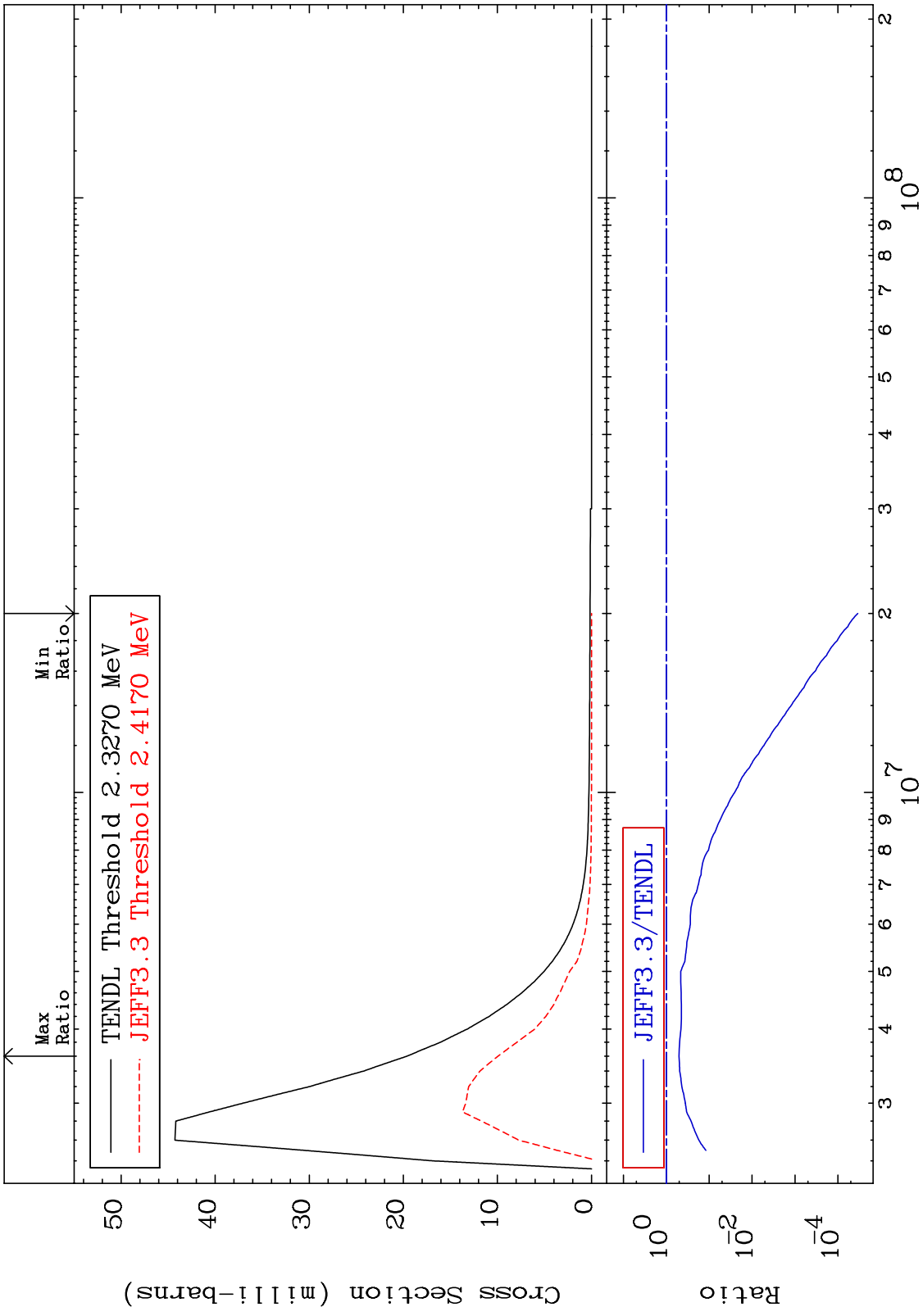
MAT 4034 MT= 73 (n,n') Level Cross Section 40-Zr-93  
 -99.99 To 80.55 %



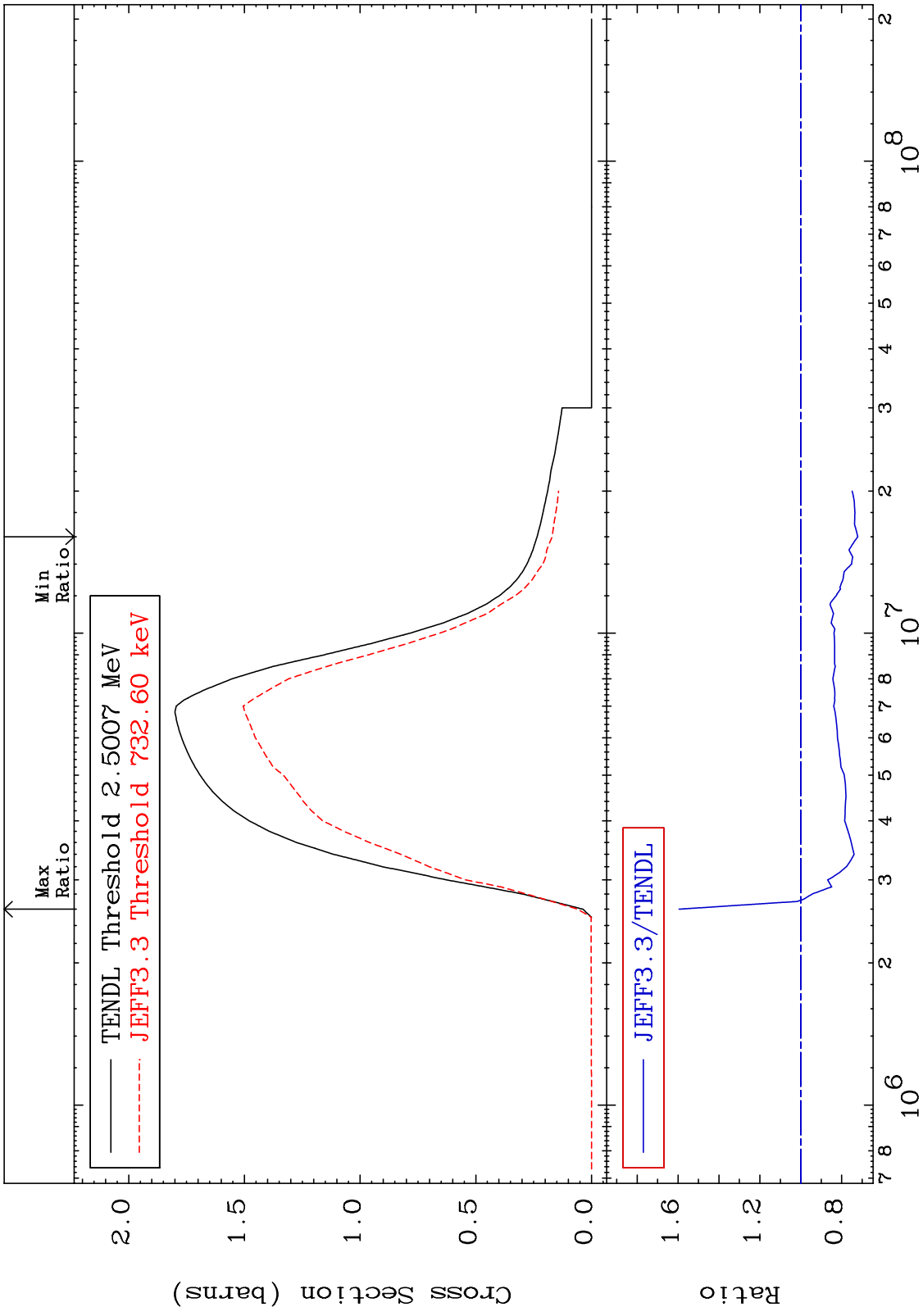
MAT 4034 MT= 74 (n,n') Level Cross Section 40-Zr-93  
 -100.0 To -18.13%



MAT 4034 MT= 75 (n,n') Level Cross Section -100.0 To -49.34% 40-Zr-93



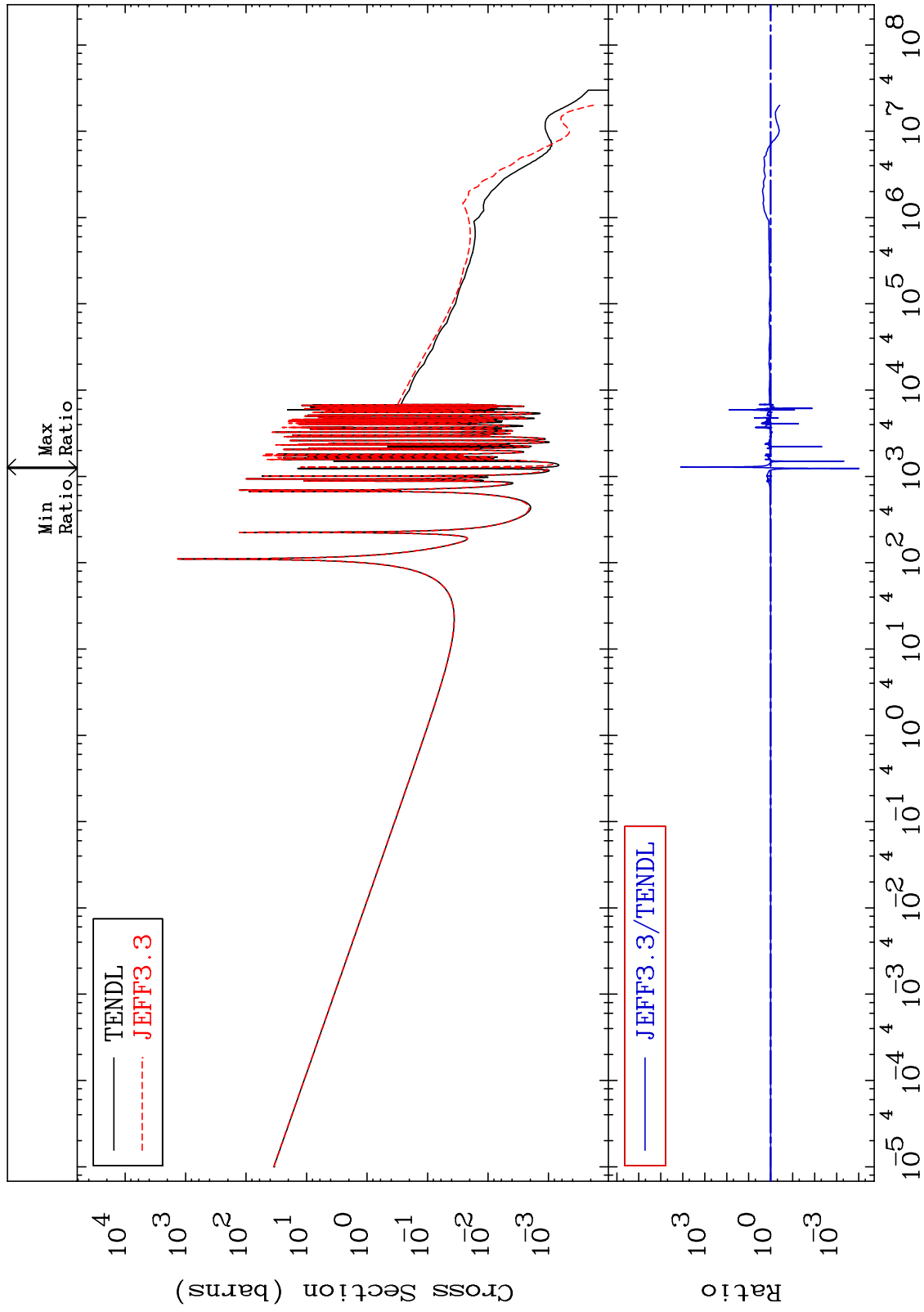
MAT 4034 (n, n') Continuum Cross Section 40-Zr-93 -27.92 To 59.52 %



MAT 4034

(n,  $\gamma$ ) Cross Section

40-Zr-93  
-99.99 To 9999. %



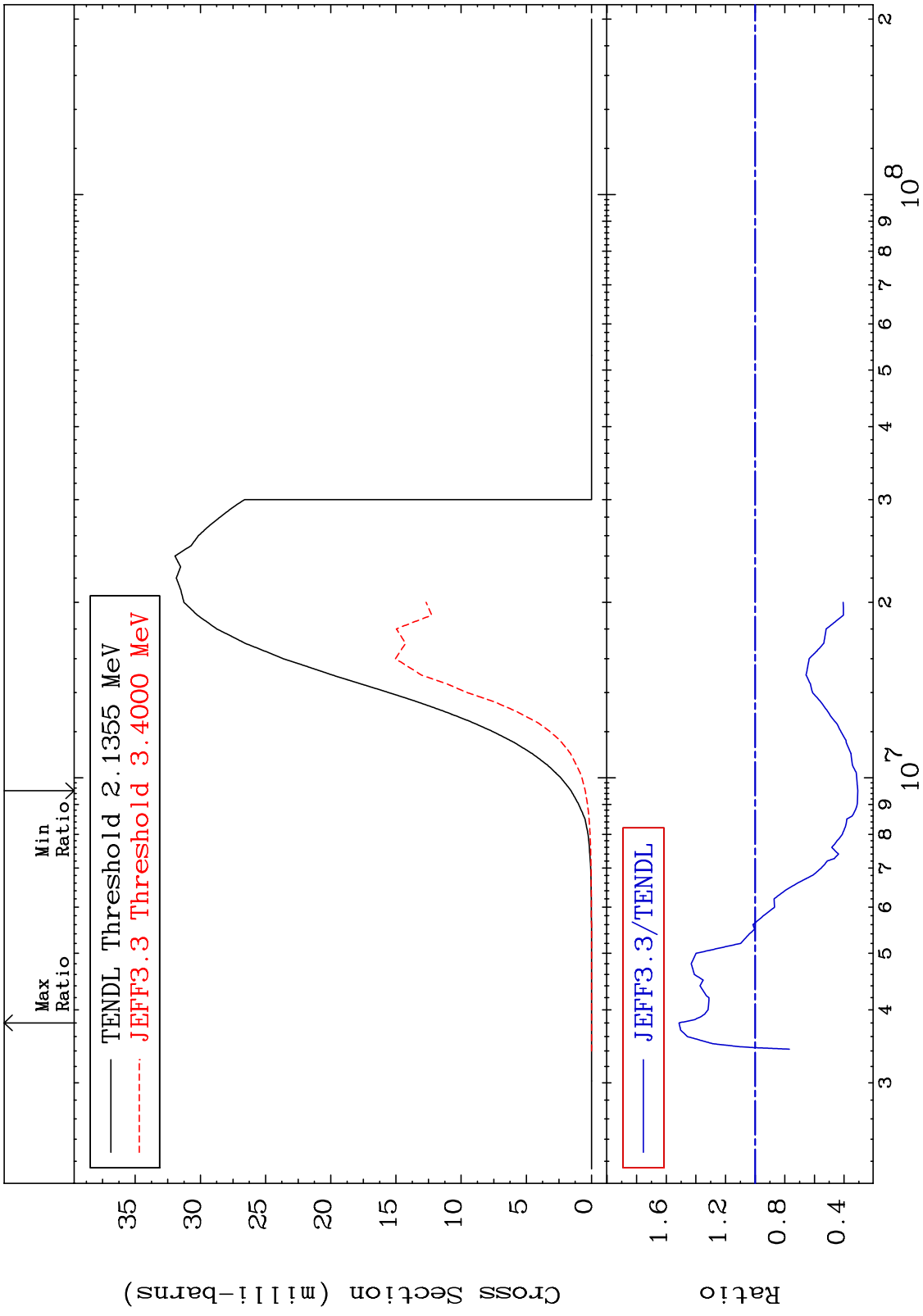
MAT 4034

(n,p)

40-Zr-93

Cross Section

-69.29 To 51.37 %



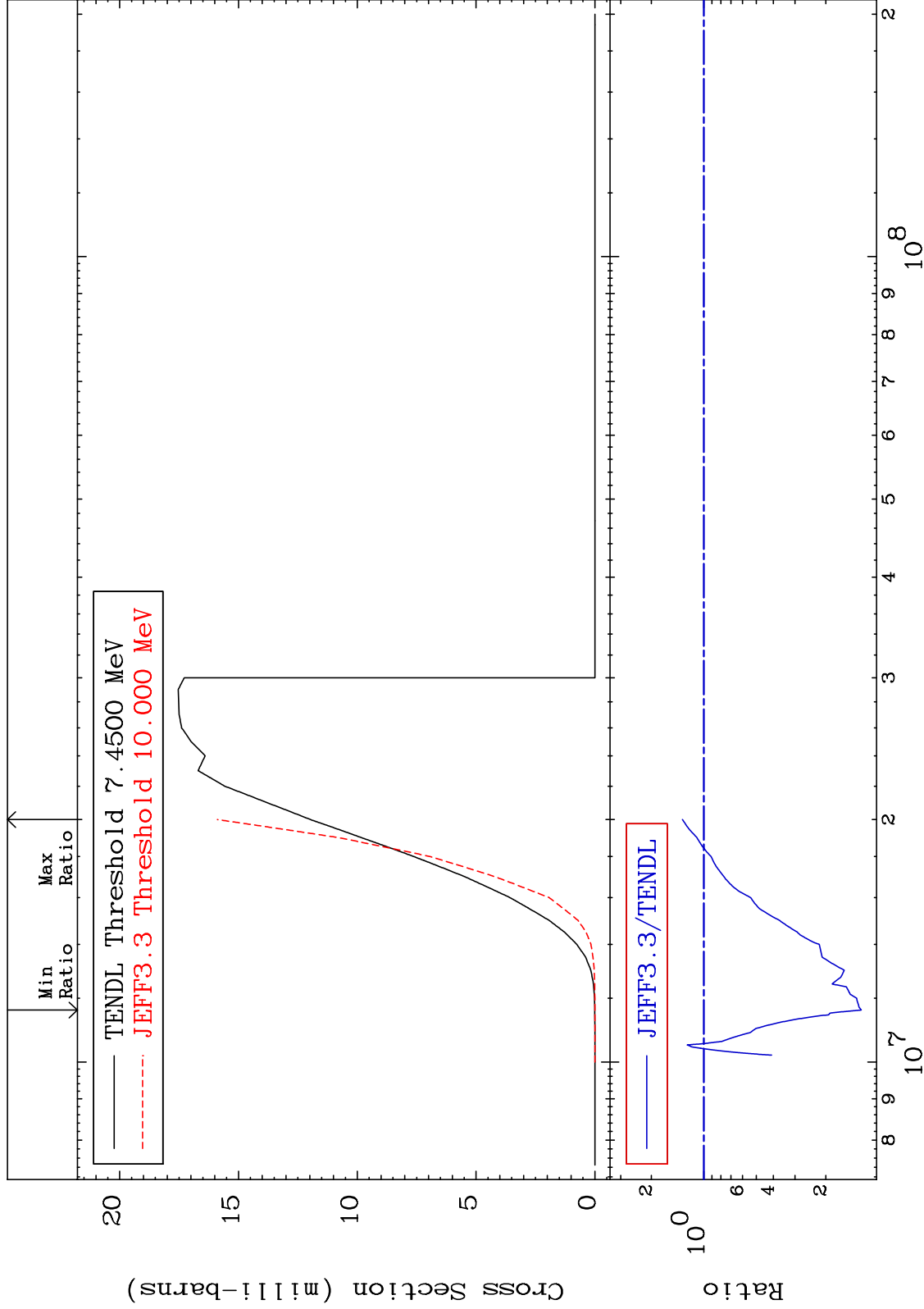
MAT 4034

(n,d)

40-Zr-93

Cross Section

-87.49 To 32.73 %



39

Incident Energy (eV)

40-Zr-93



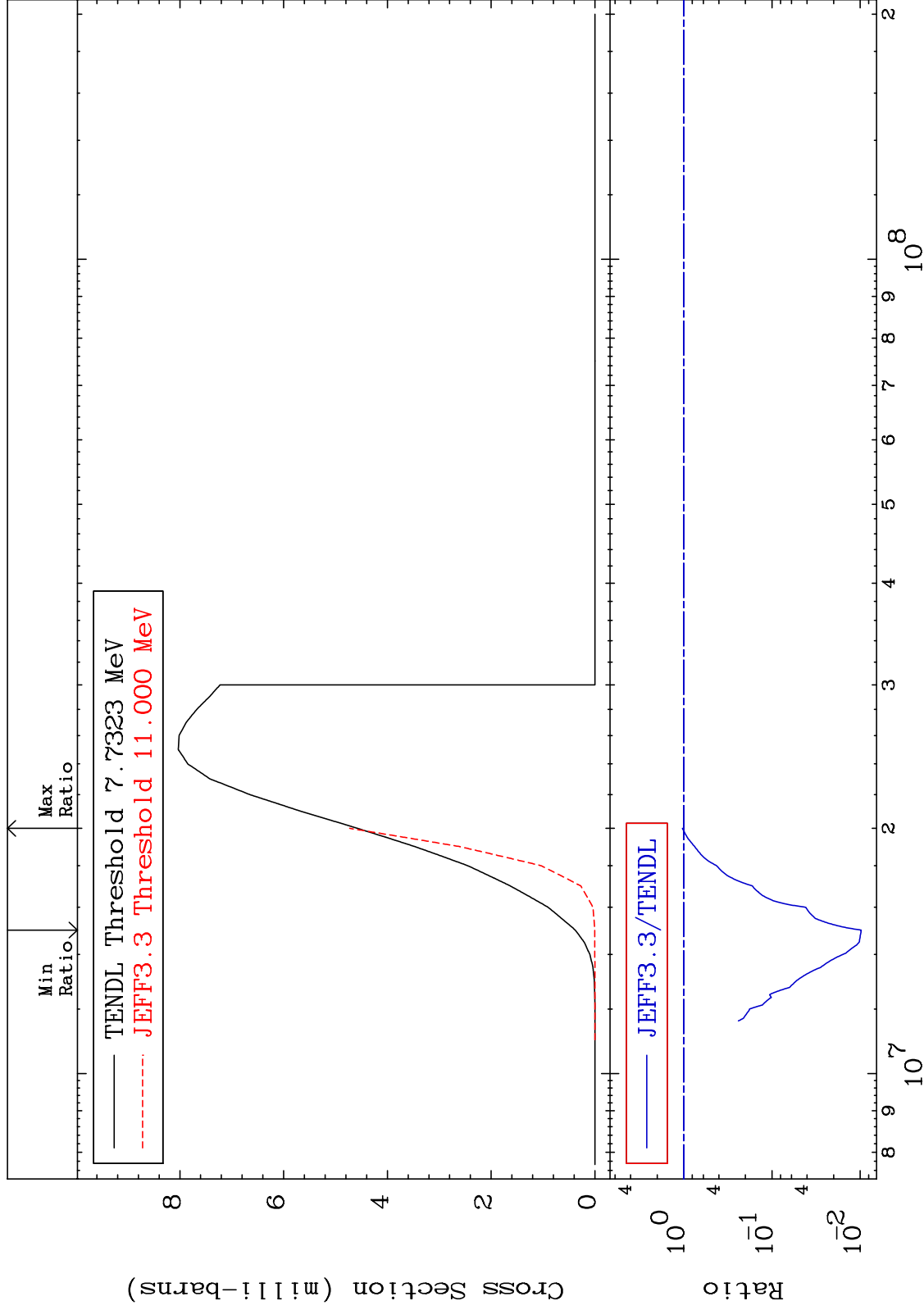
MAT 4034

(n, t)

40-Zr-93

Cross Section

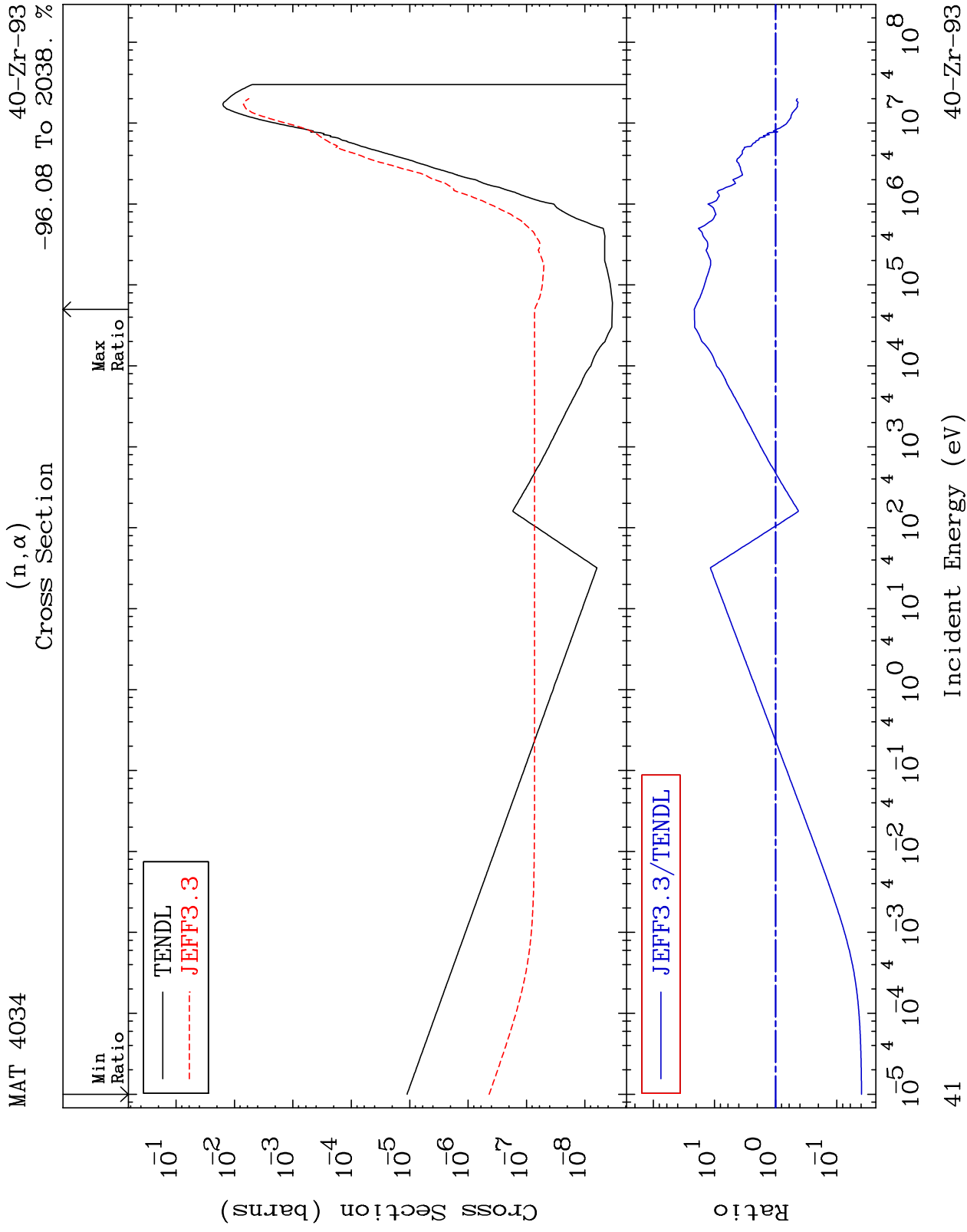
-99.03 To 3.294 %



40

Incident Energy (eV)

40-Zr-93



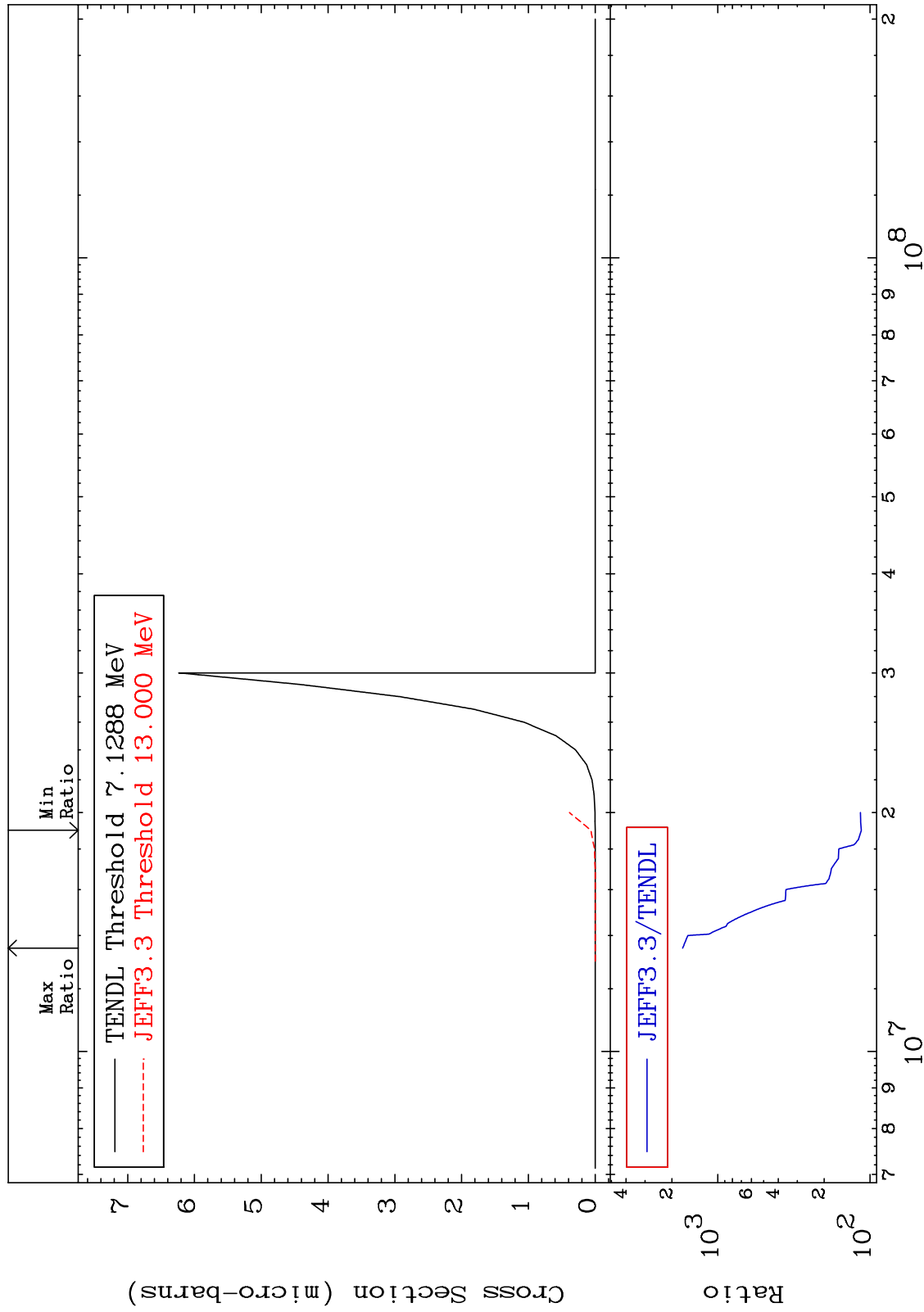
MAT 4034

(n,p)  $\alpha$

40-Zr-93

Cross Section

9999. To 9999. %



42

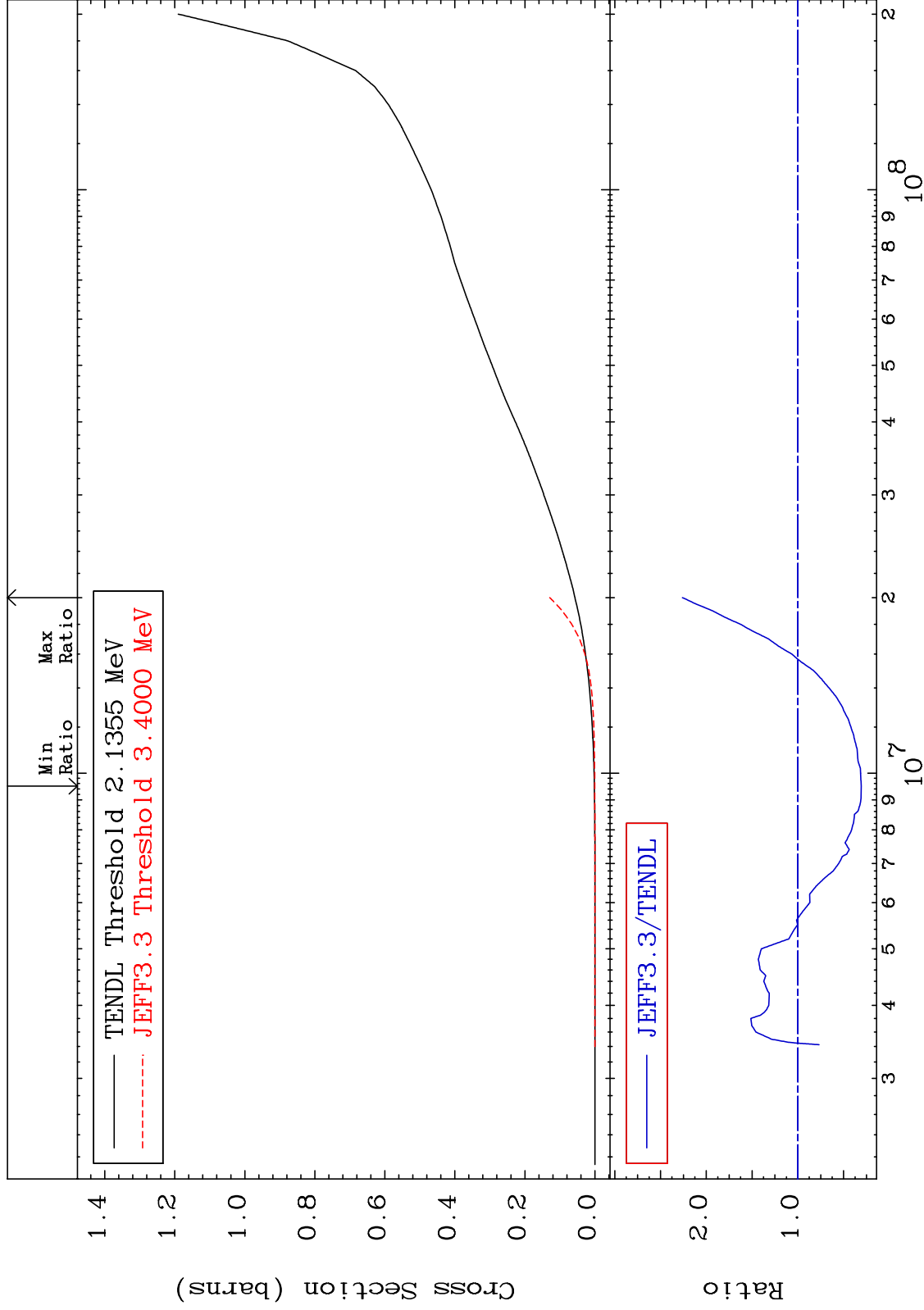
Incident Energy (eV)

40-Zr-93

MAT 4034

Hydrogen Production  
Cross Section

40-Zr-93  
-69.29 To 126.0 %



43

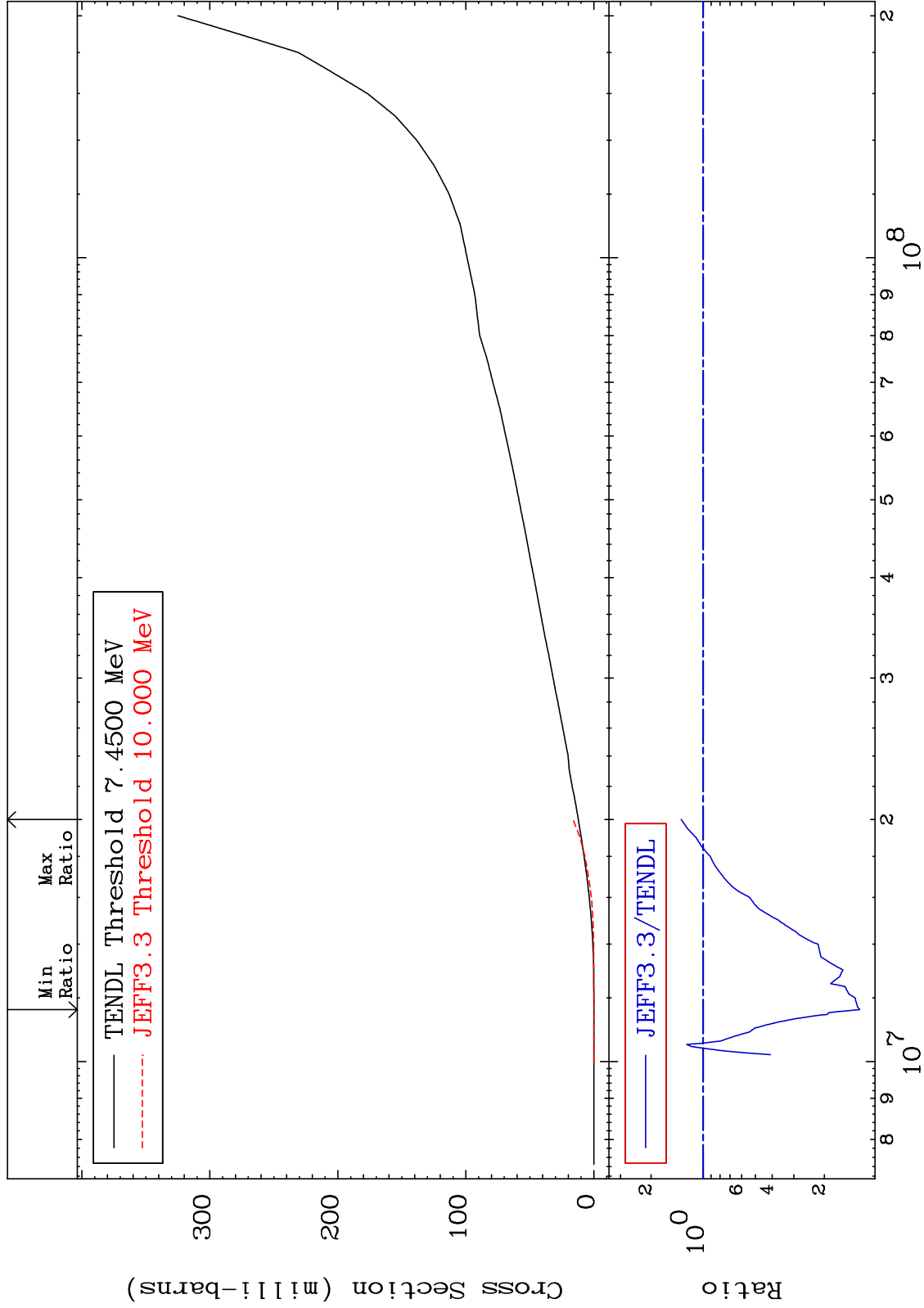
Incident Energy (eV)

40-Zr-93

MAT 4034

Deuterium Production  
Cross Section

40-Zr-93  
-87.49 To 33.81 %



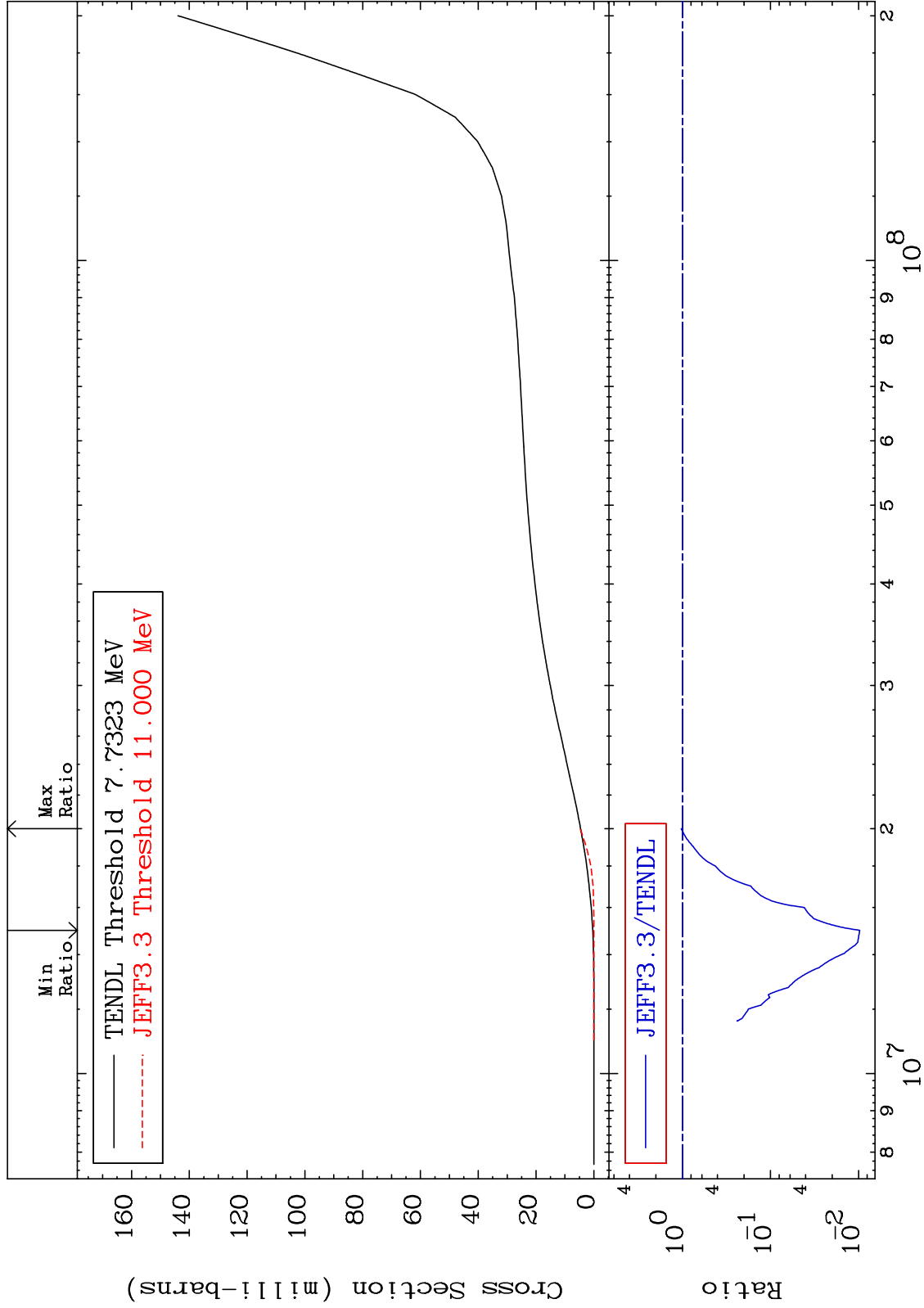
44

40-Zr-93

MAT 4034

Tritium Production  
Cross Section

40-Zr-93  
-99.03 To 3.233 %



45

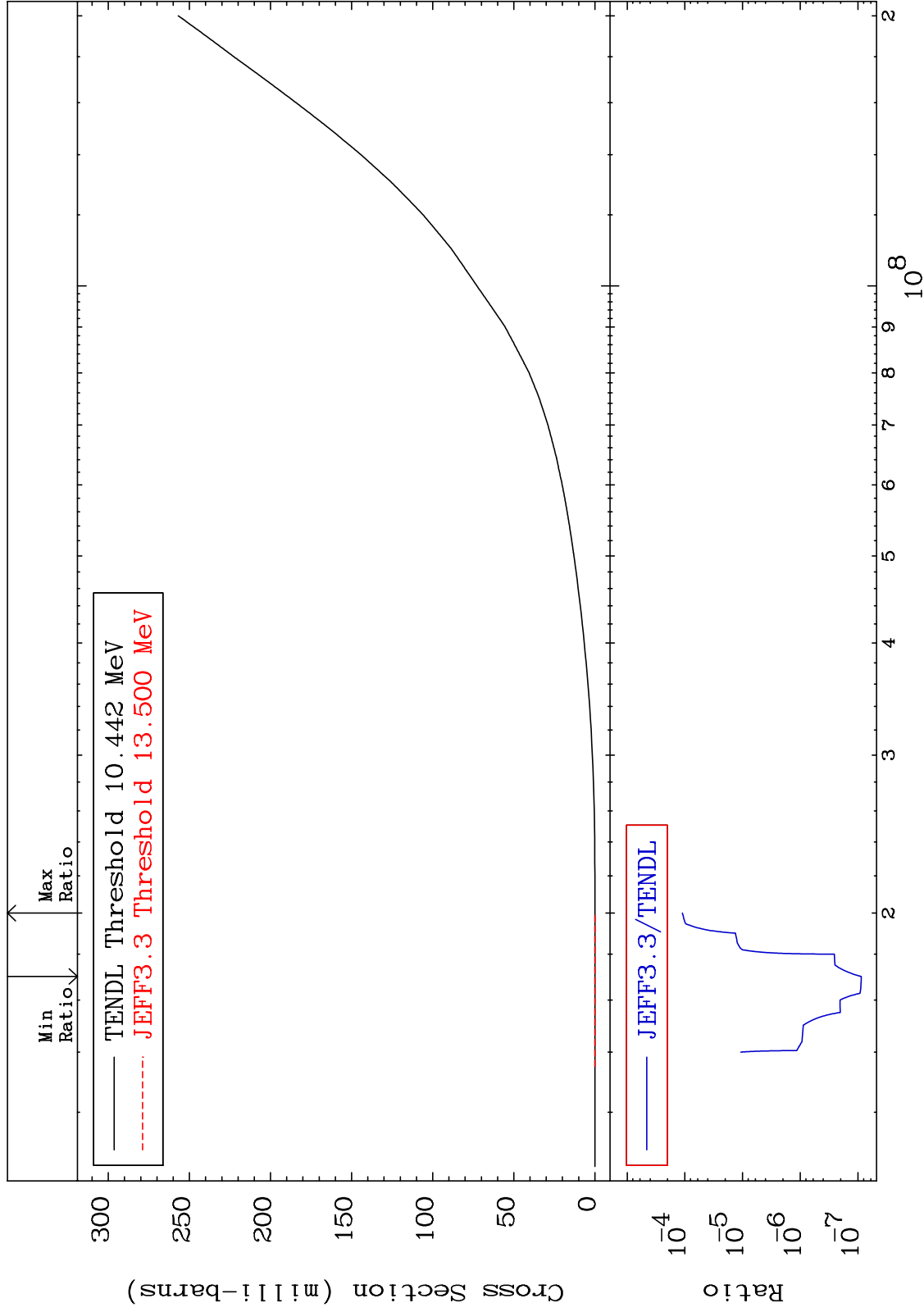
Incident Energy (eV)

40-Zr-93

MAT 4034

He-3 Production  
Cross Section

40-Zr-93  
-100.0 To -99.99%

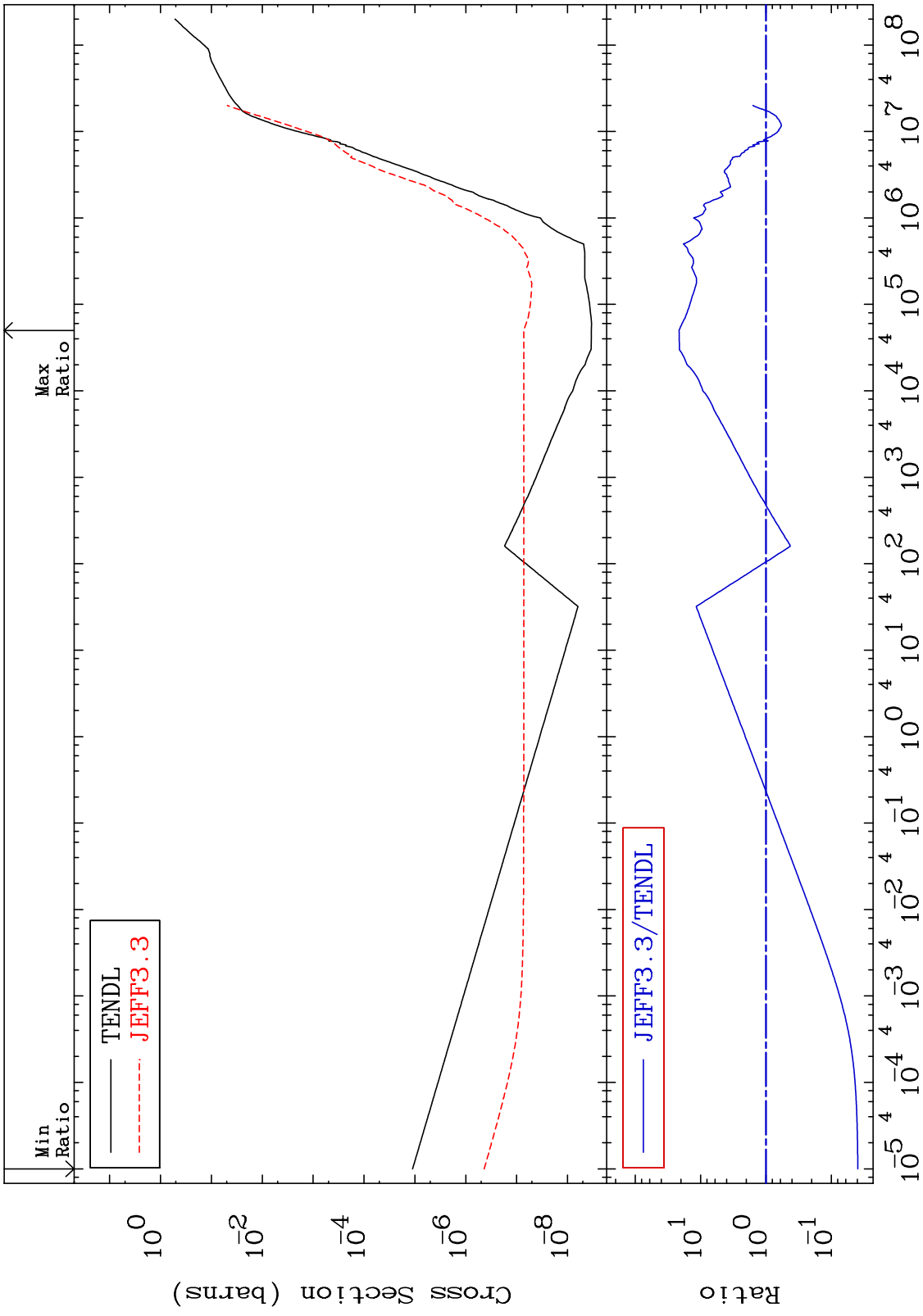


46

Incident Energy (eV)

40-Zr-93

MAT 4034 He-4 Production Cross Section 40-Zr-93  
 -96.08 To 2038. %



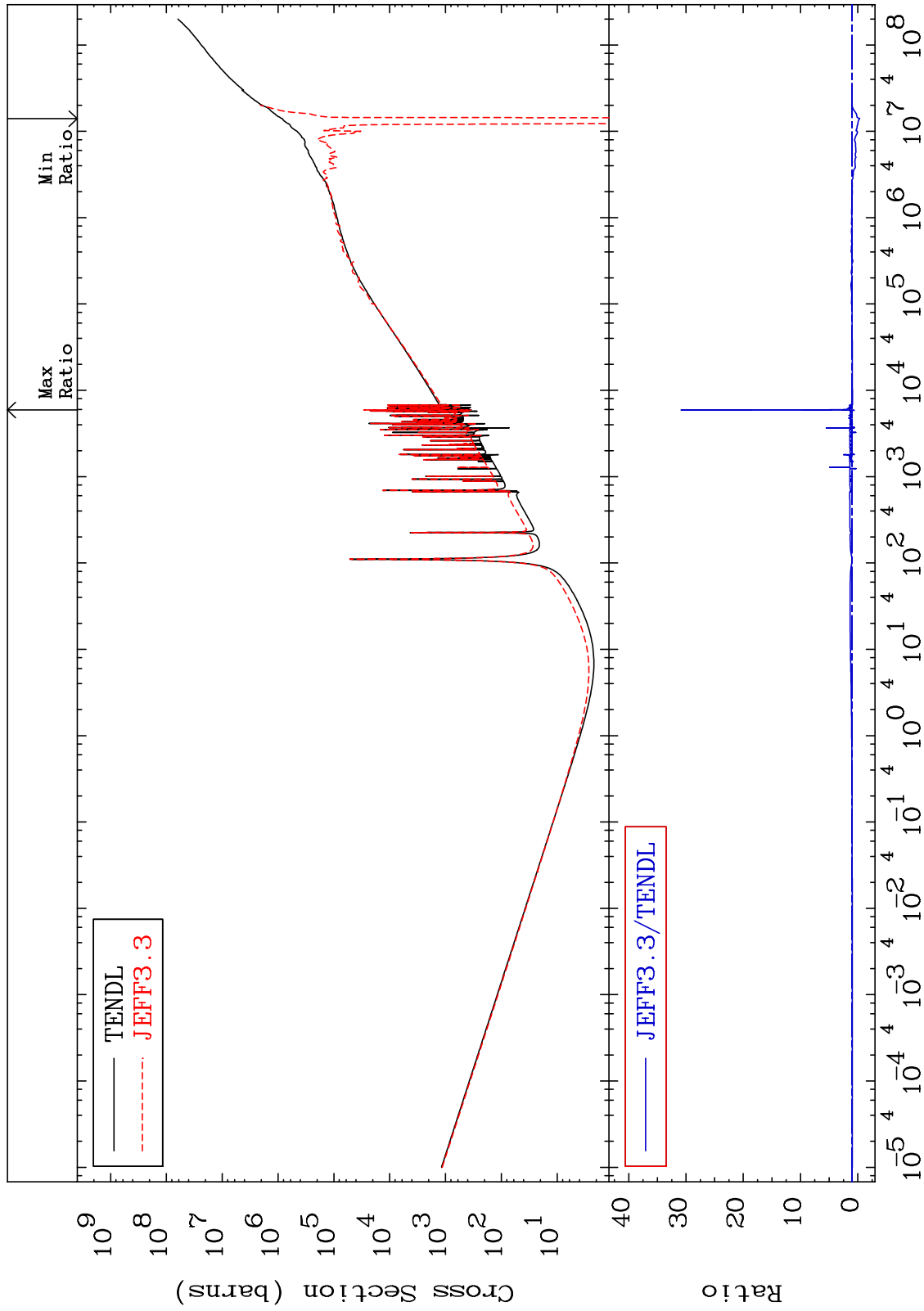
47 40-Zr-93



MAT 4034

Kerma total (eV-barns)  
Cross Section

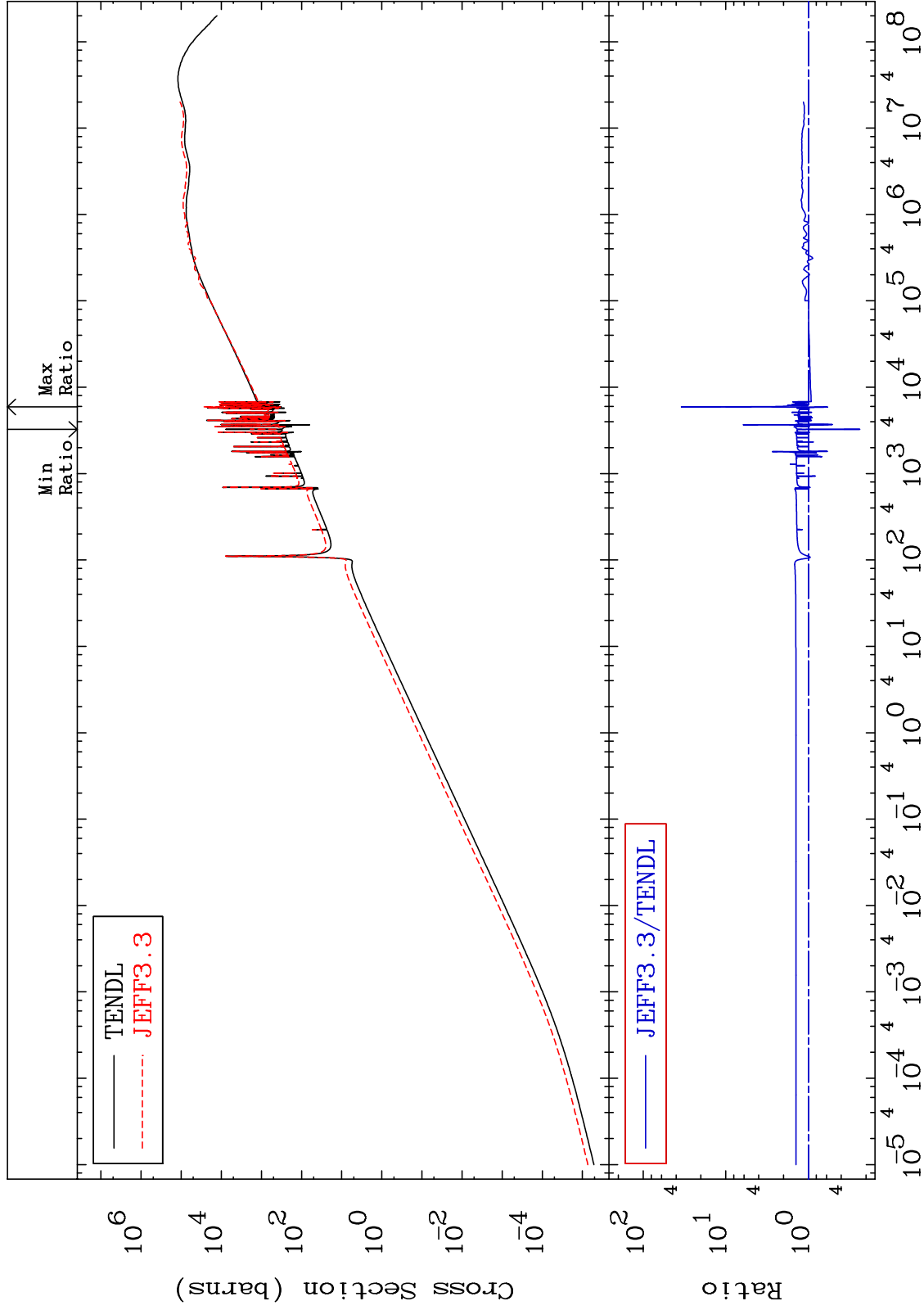
40-Zr-93  
-134.1 To 2983. %



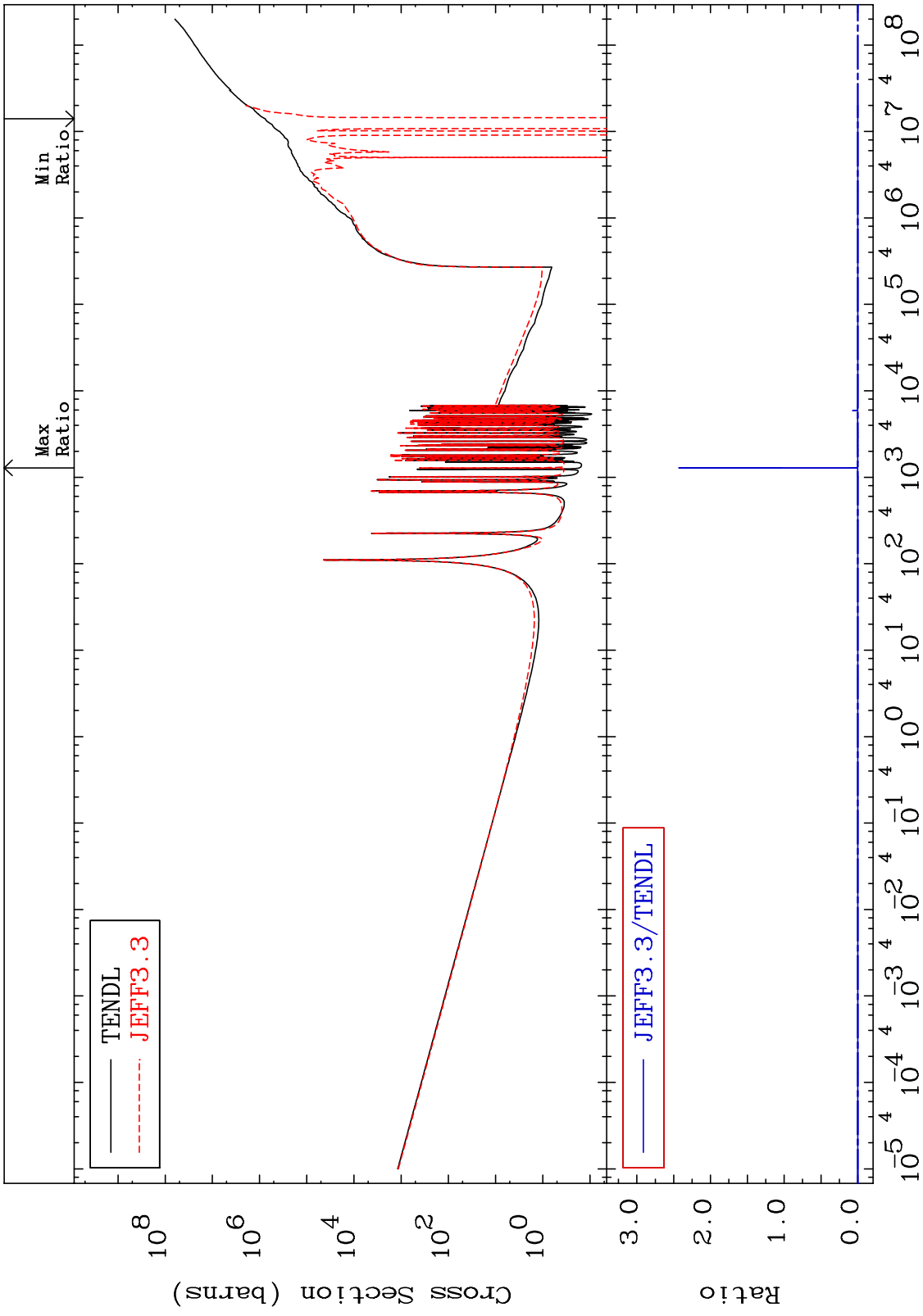
MAT 4034

Kerma elastic  
Cross Section

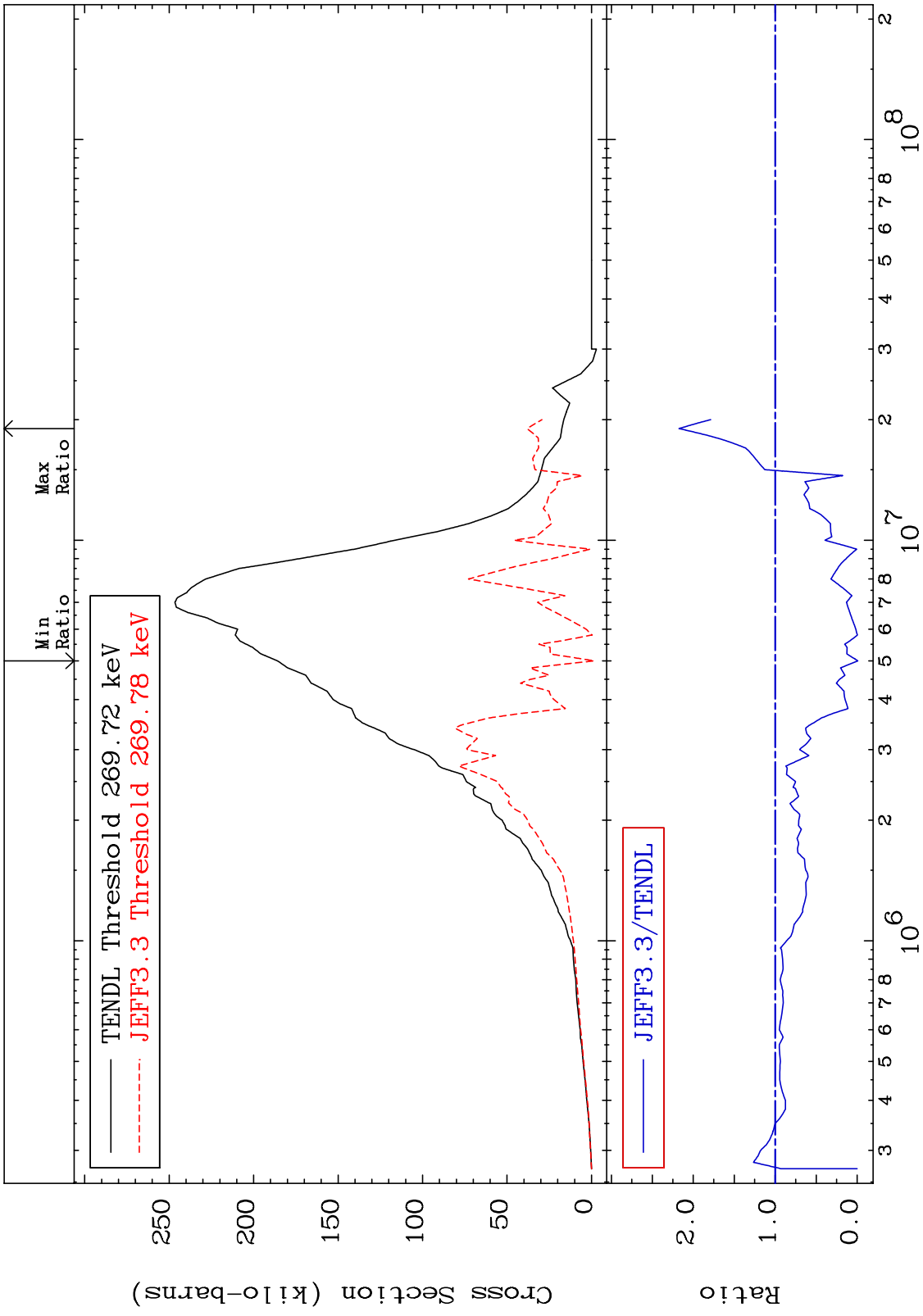
40-Zr-93  
-76.18 To 3363. %



MAT 4034      Kerma non-elastic (all but mt2)      40-Zr-93  
 Cross Section      -149.1 To 9999. %



MAT 4034 Kerma inelastic (mt51-91) 40-Zr-93  
 Cross Section -100.9 To 117.4 %

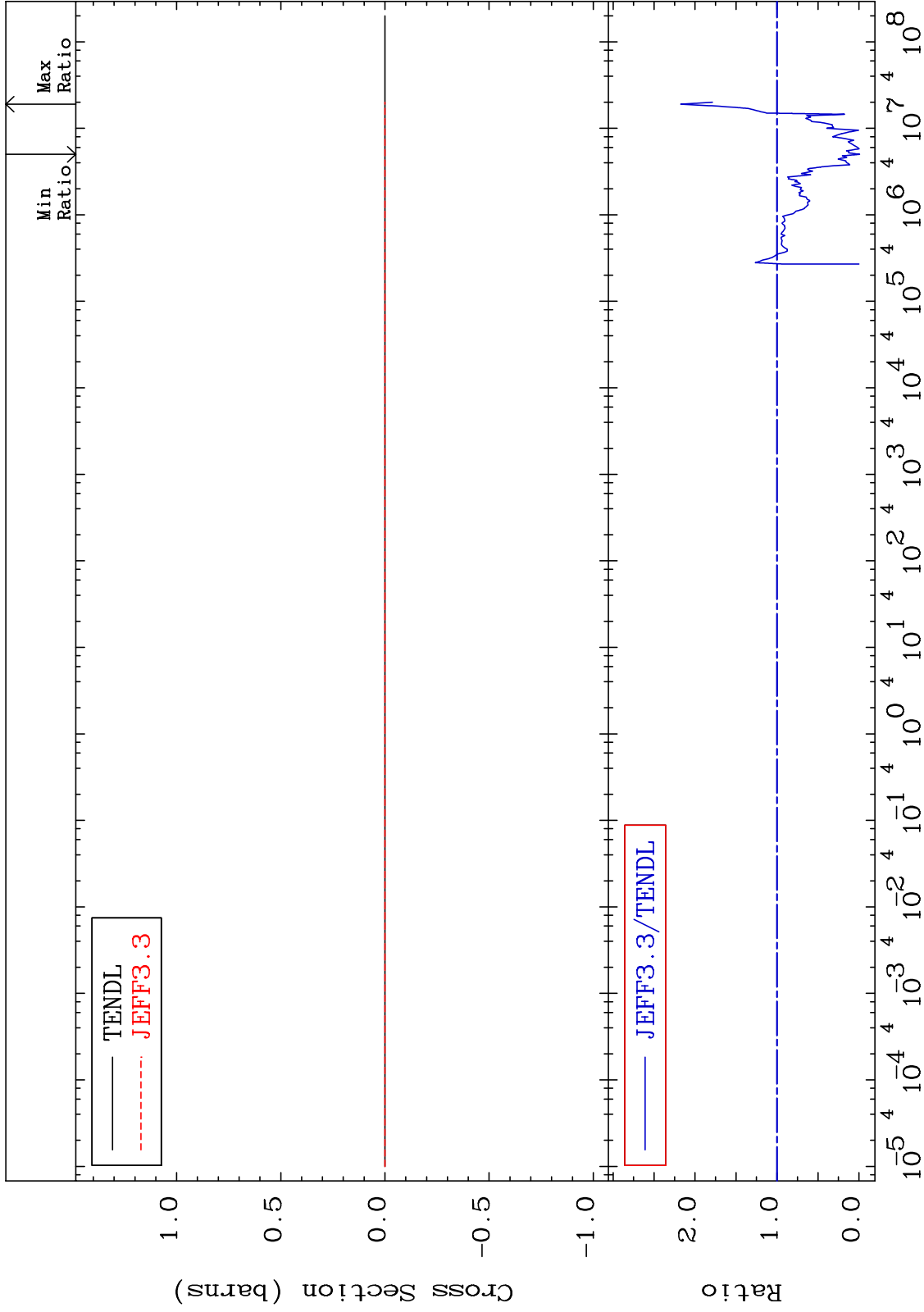


51 40-Zr-93

MAT 4034

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

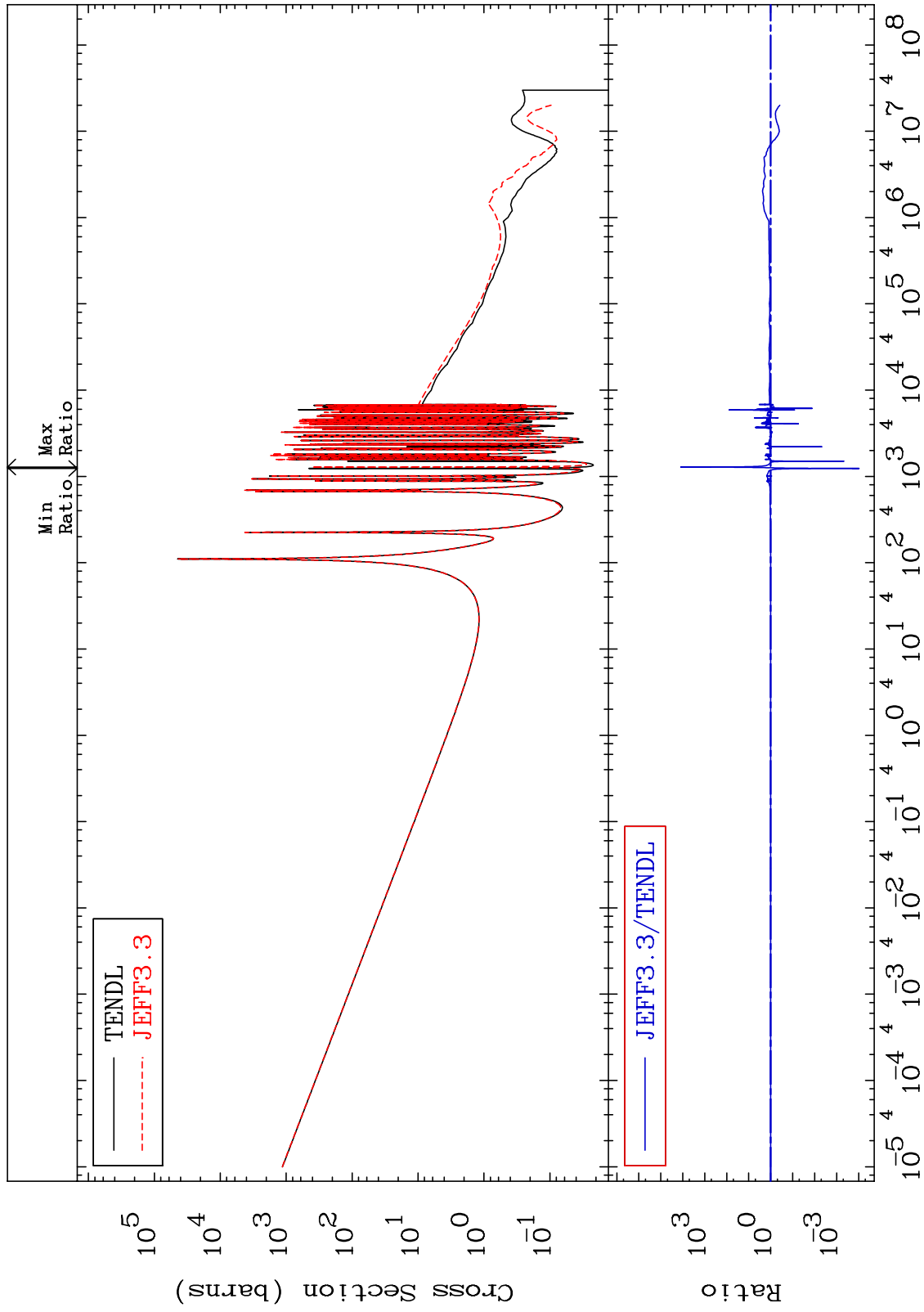
40-Zr-93  
-100.9 To 117.4 %



MAT 4034

Kerma capture (mt102)  
Cross Section

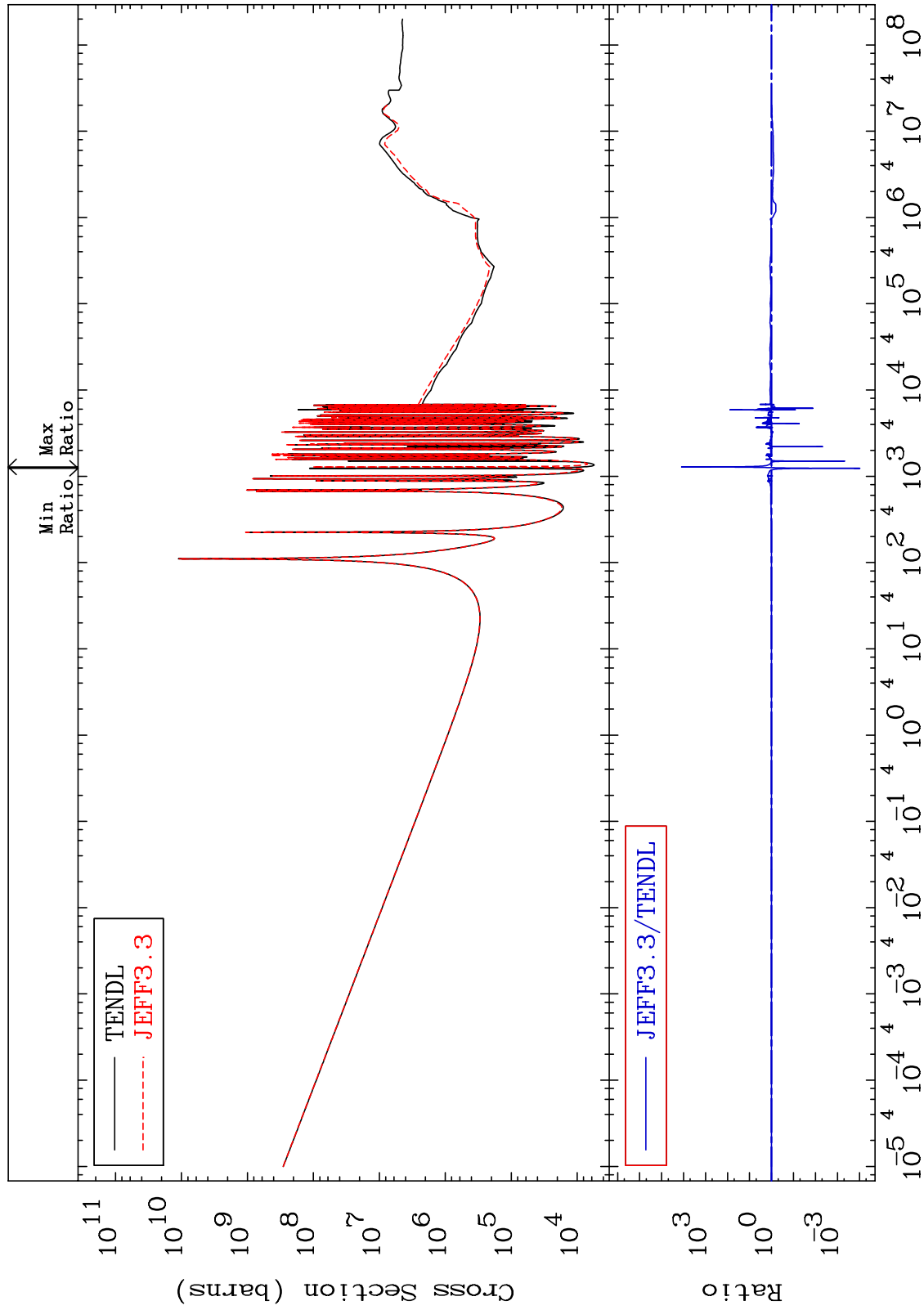
40-Zr-93  
-99.99 To 9999. %



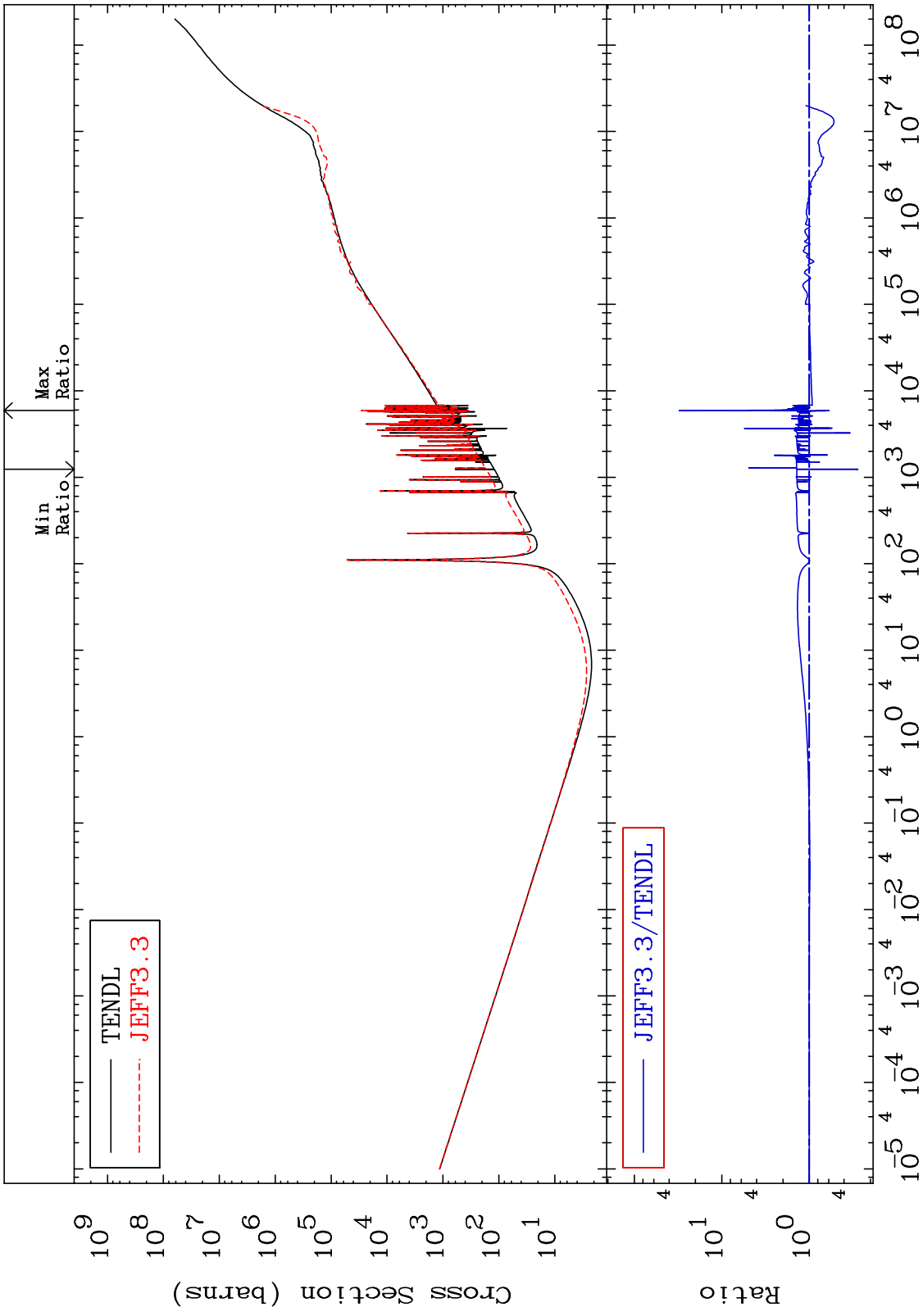
MAT 4034

Total photon (eV-barns)  
Cross Section

40-Zr-93  
-99.99 To 9999. %



MAT 4034 Total kinematic kerma (high limit) 40-Zr-93  
 Cross Section -72.18 To 2983. %

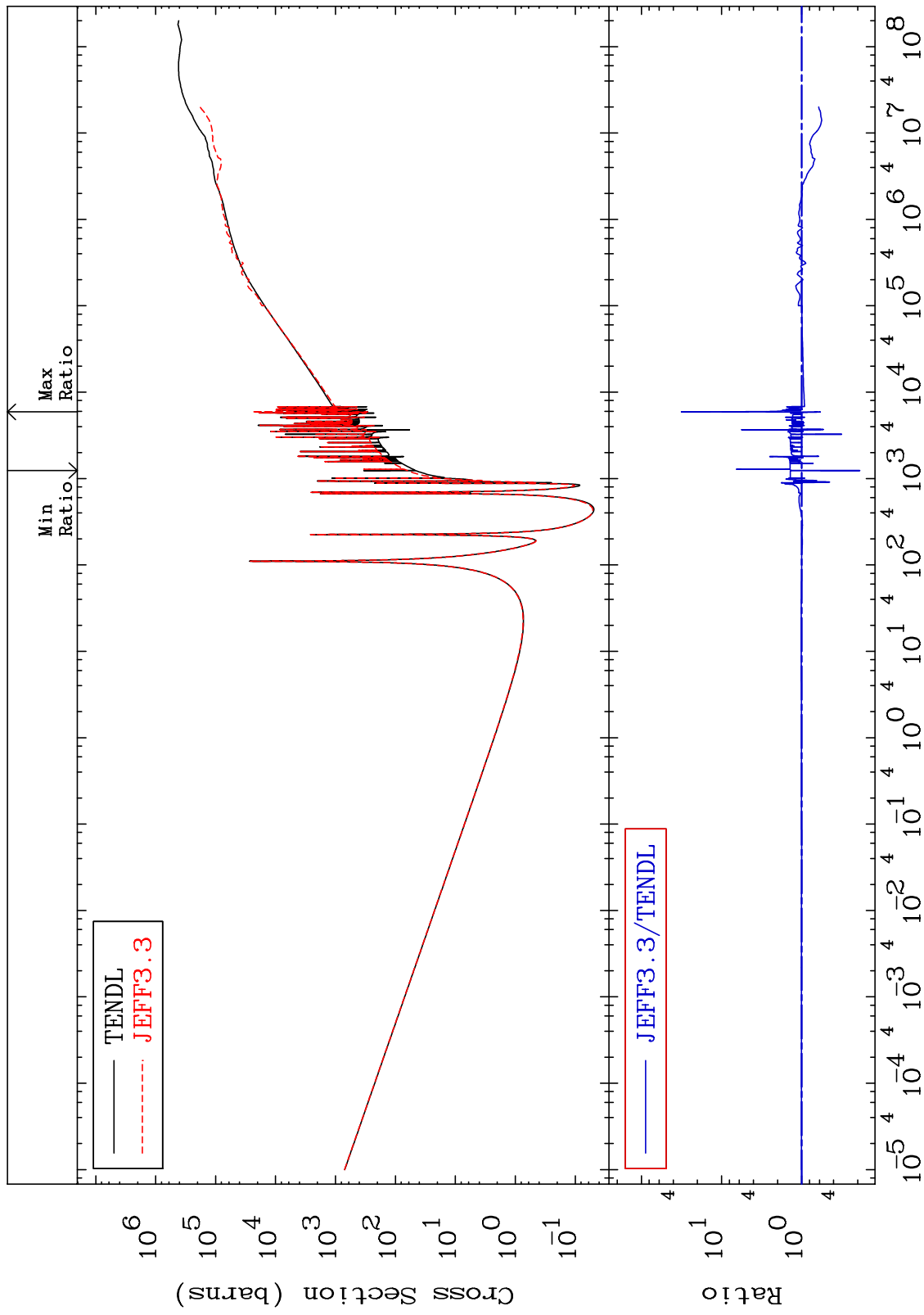




MAT 4034

Dpa total (eV-barns)  
Cross Section

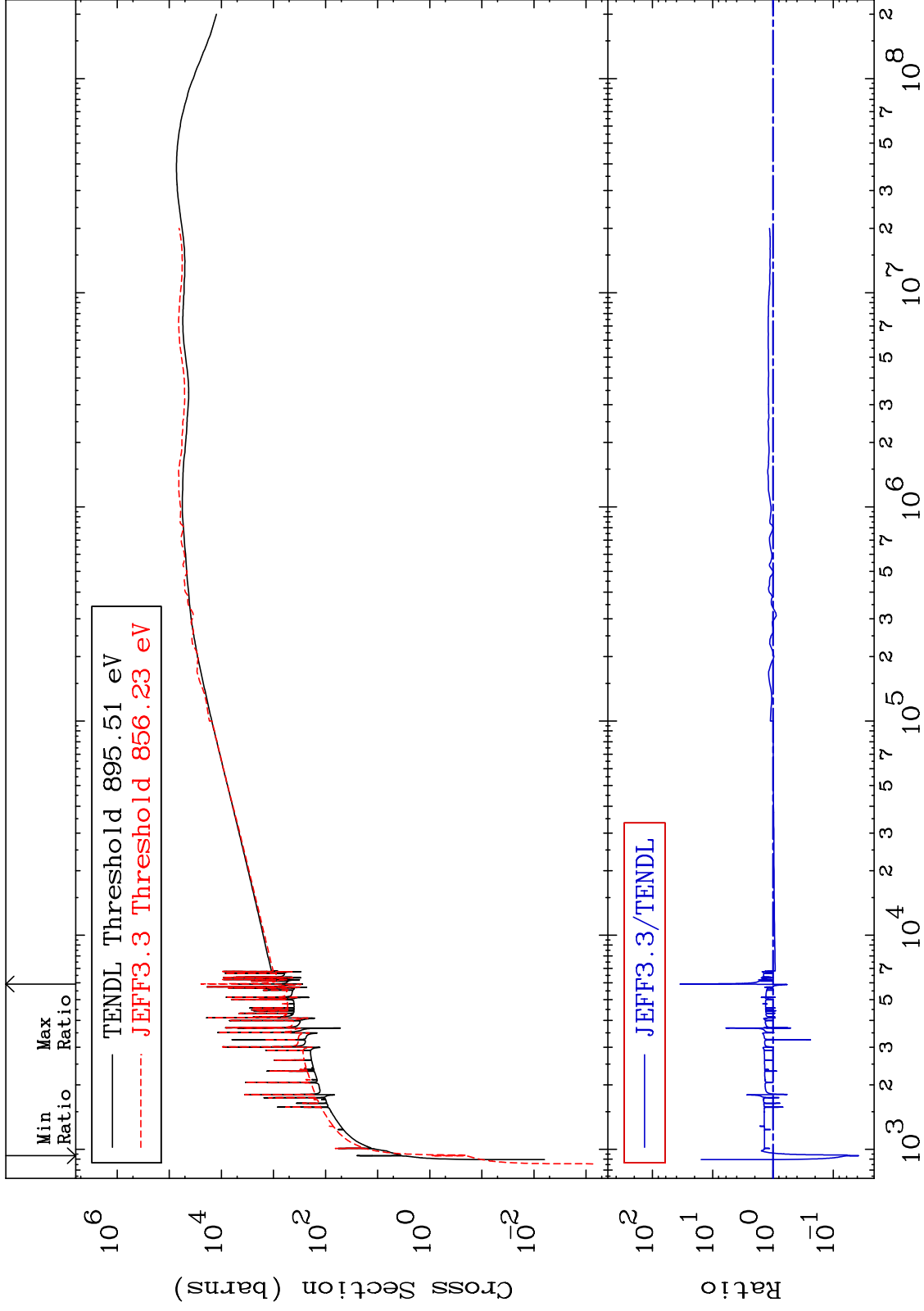
40-Zr-93  
-81.11 To 3082. %



MAT 4034

Dpa elastic (mt2)  
Cross Section

40-Zr-93  
-96.24 To 3363. %



57

40-Zr-93

40-Zr-93

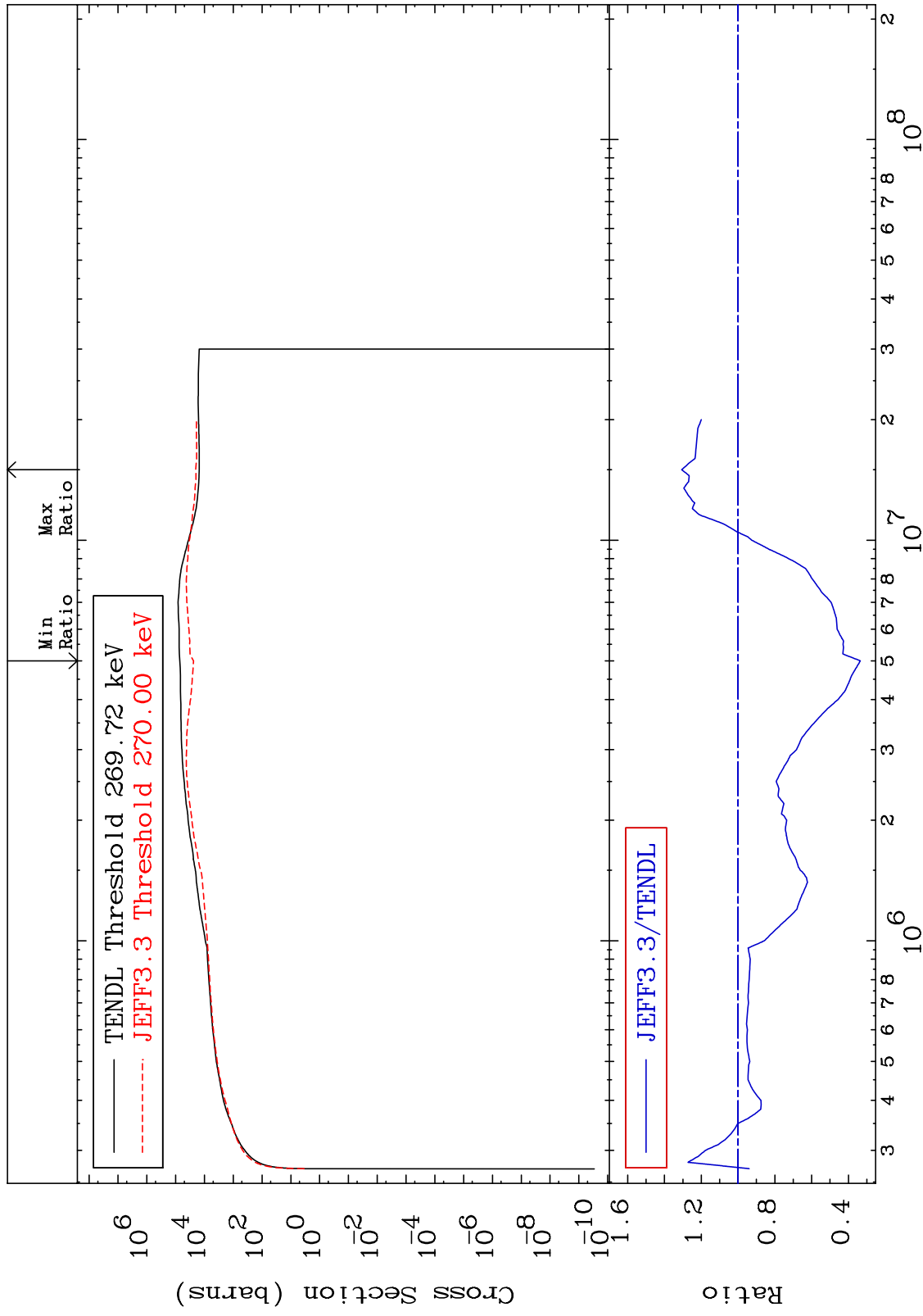
MAT 4034

Dpa inelastic (mt51-91)

40-Zr-93

-66.48 To 30.62 %

Cross Section



58

Incident Energy (eV)

40-Zr-93

MAT 4034

Dpa disappearance (mt102 -120)  
Cross Section

40-Zr-93  
-99.99 To 9999. %

