

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

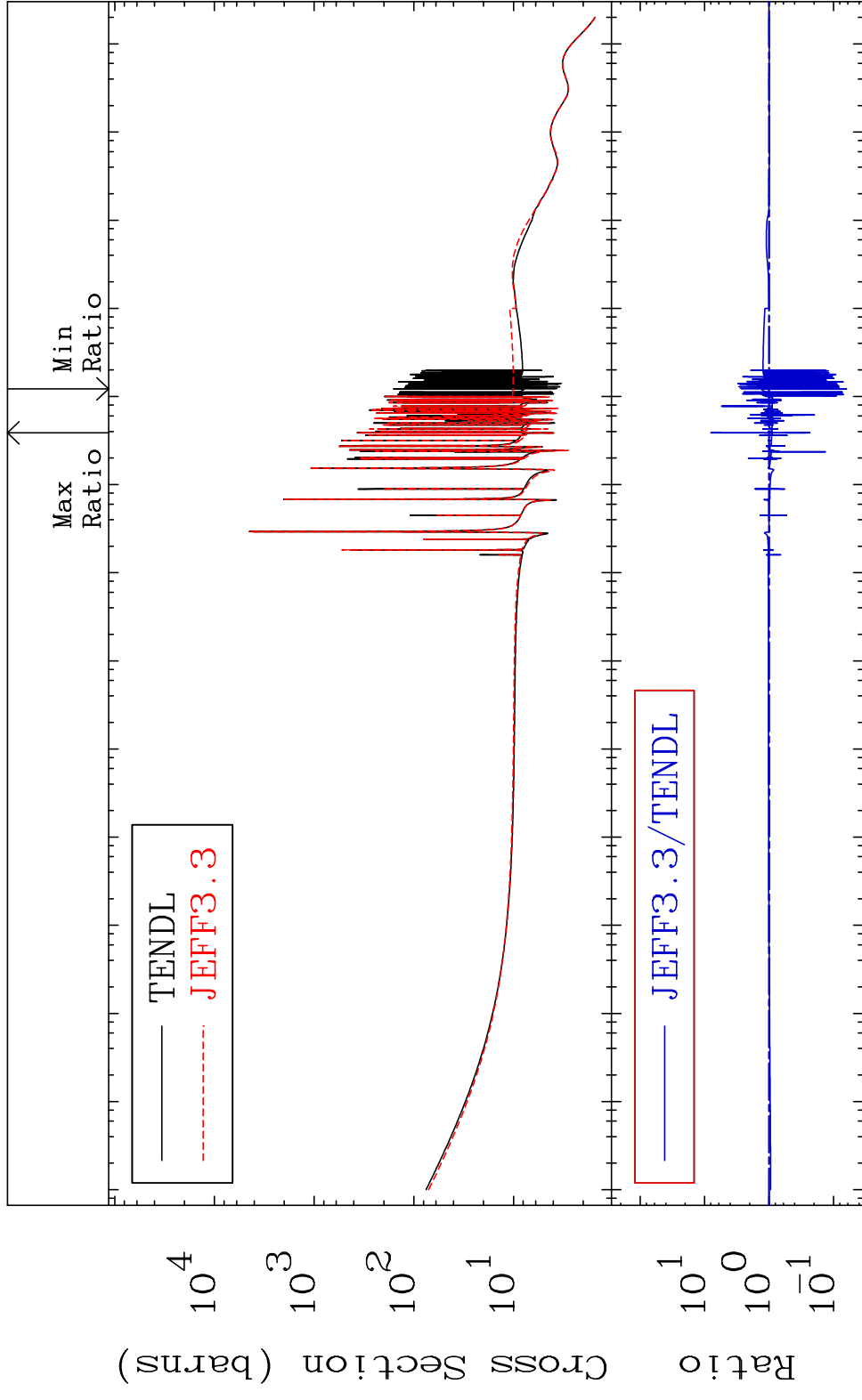
MAT 4028

Total

40-Zr-91

Cross Section

-93.67 To 704.1 %



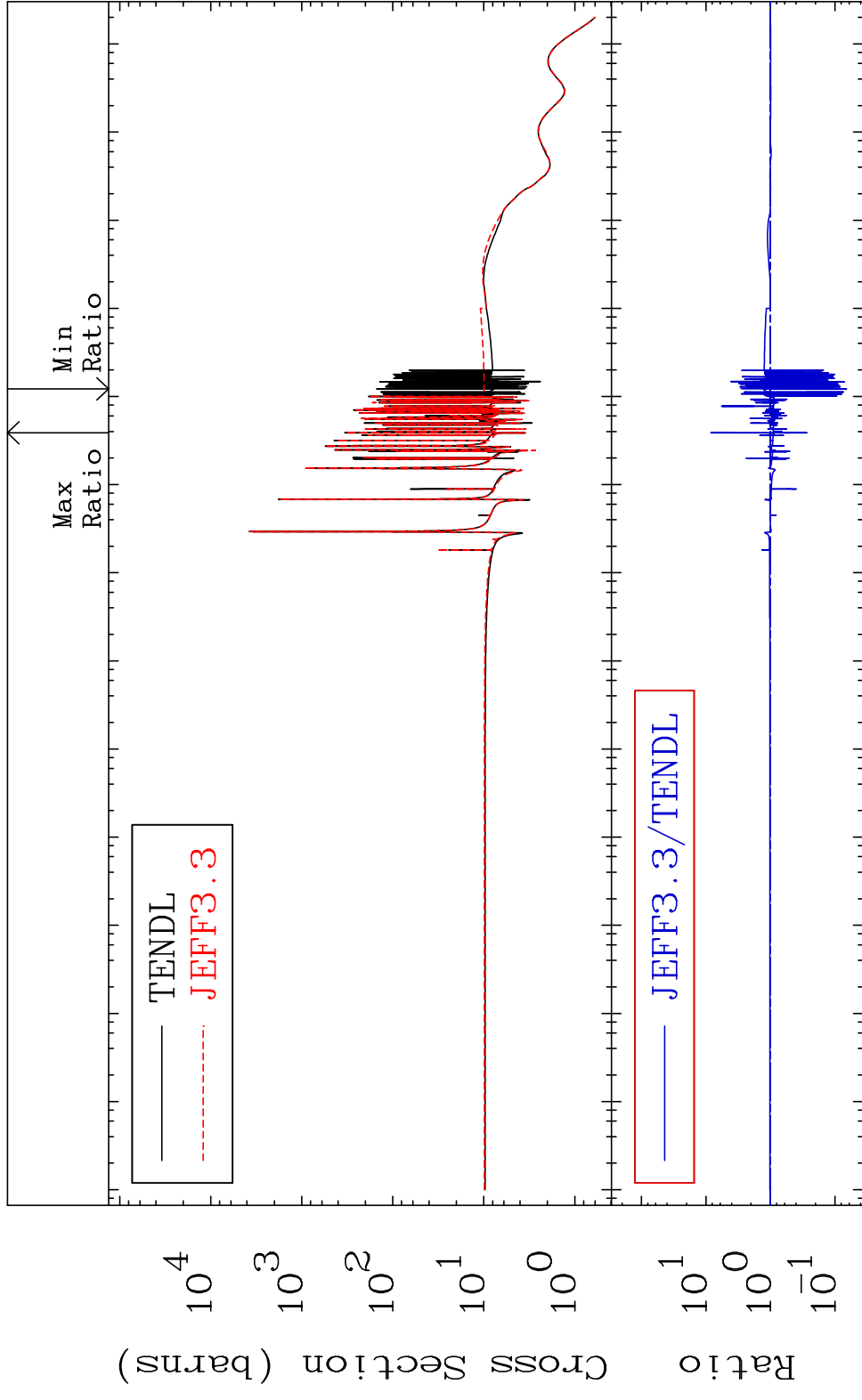
1

Incident Energy (eV)

40-Zr-91

MAT 4028

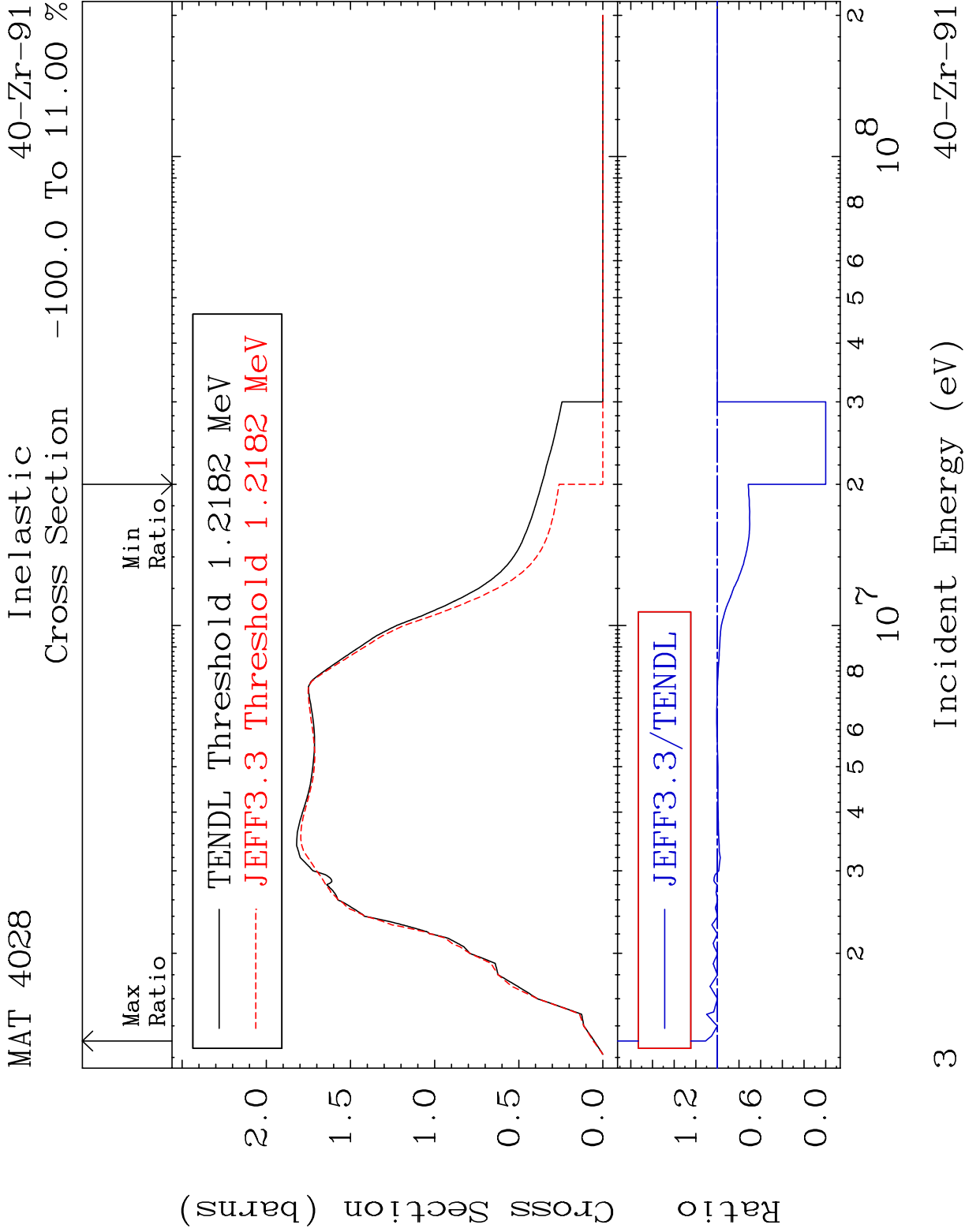
Elastic Cross Section -93.35 To 743.0 %  
40-Zr-91



2

Incident Energy (eV)

40-Zr-91

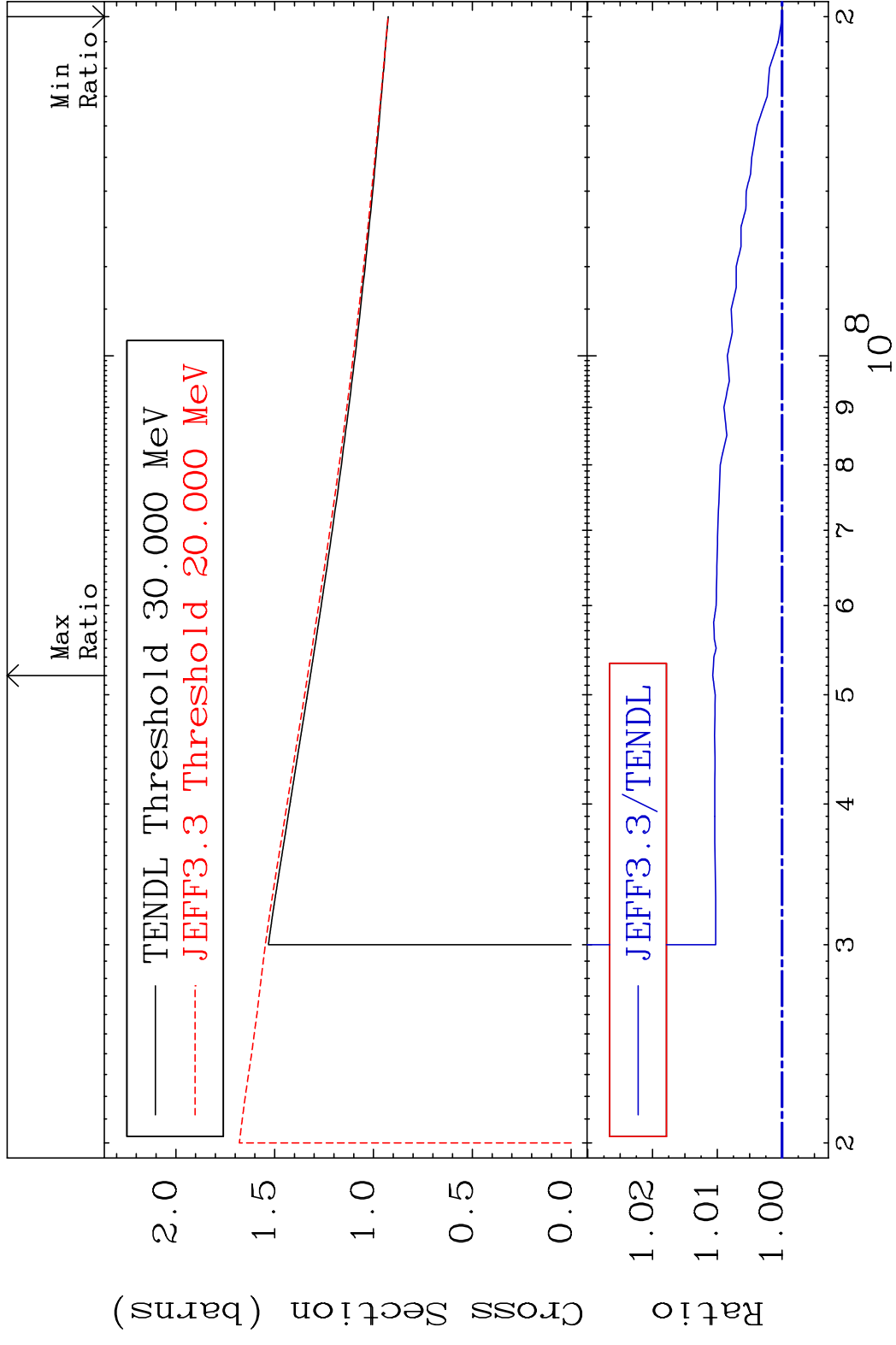


MAT 4028

(n, remainder)

40-Zr-91

Cross Section -0.002 To 1.069 %

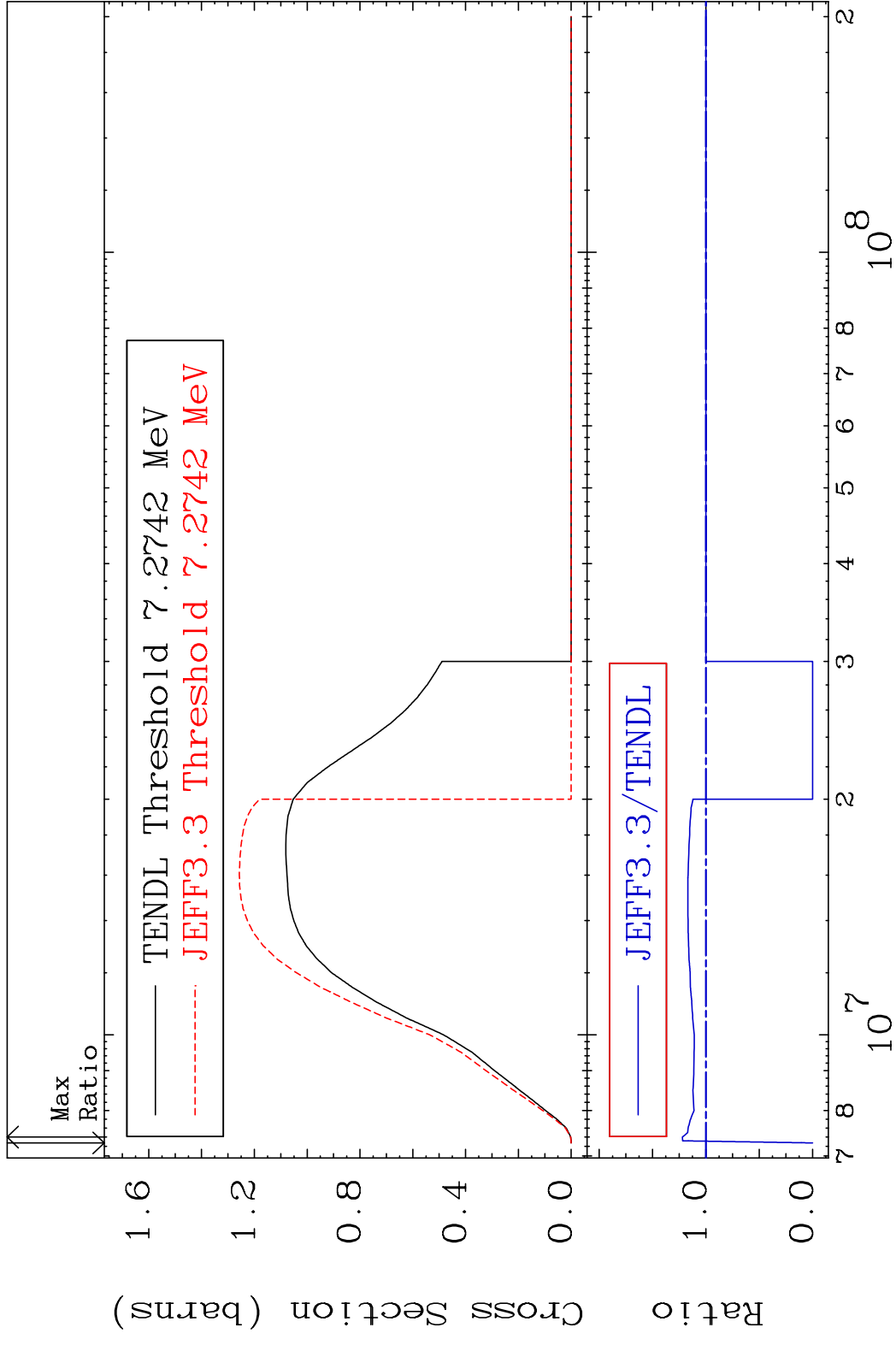


4

Incident Energy (eV)

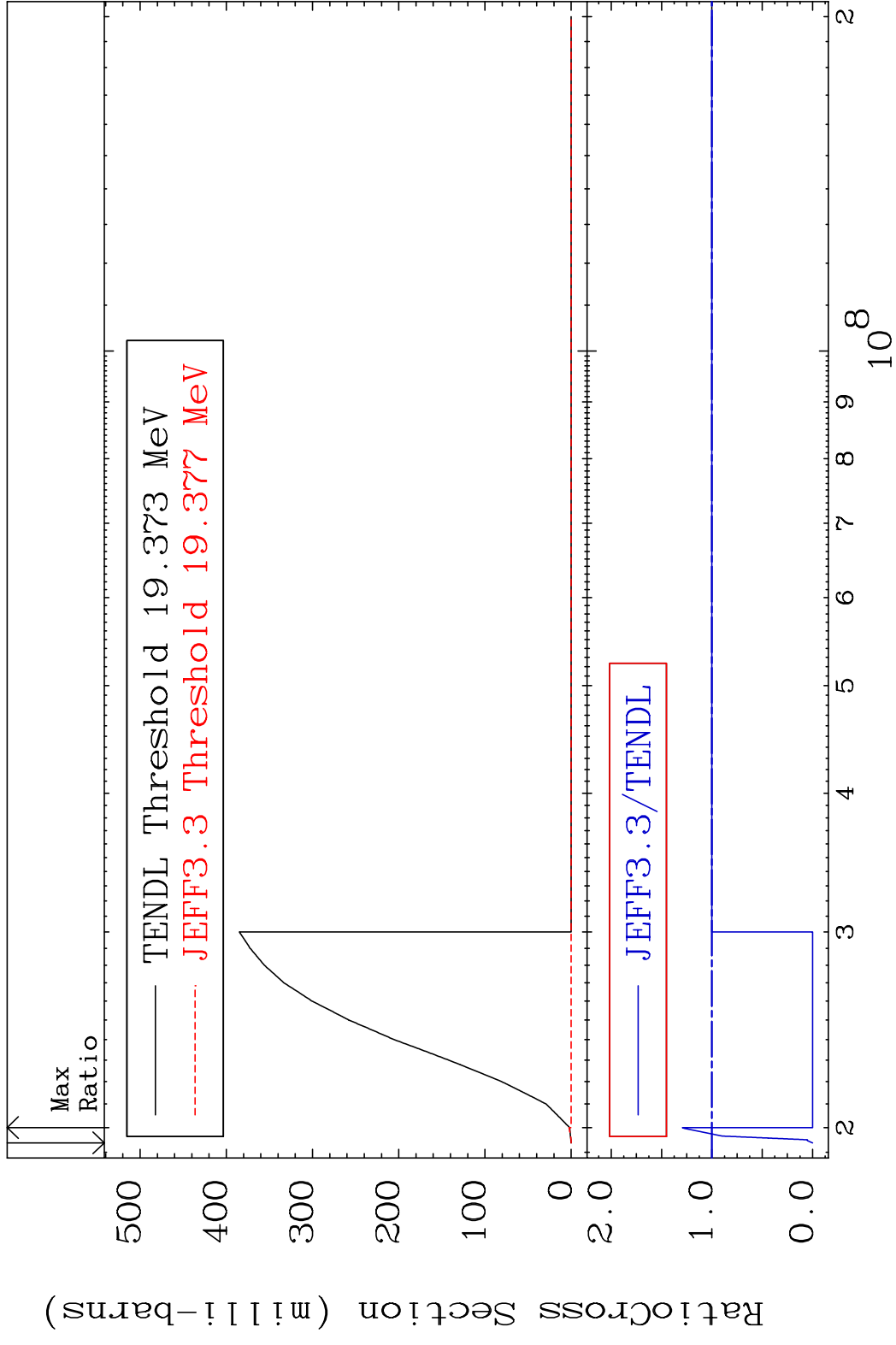
40-Zr-91

MAT 4028 (n,2n) 40-Zr-91  
 Cross Section -100.0 To 22.03 %



5 Incident Energy (eV) 40-Zr-91

MAT 4028 (n,3n) 40-Zr-91  
 Cross Section -100.0 To 29.34 %

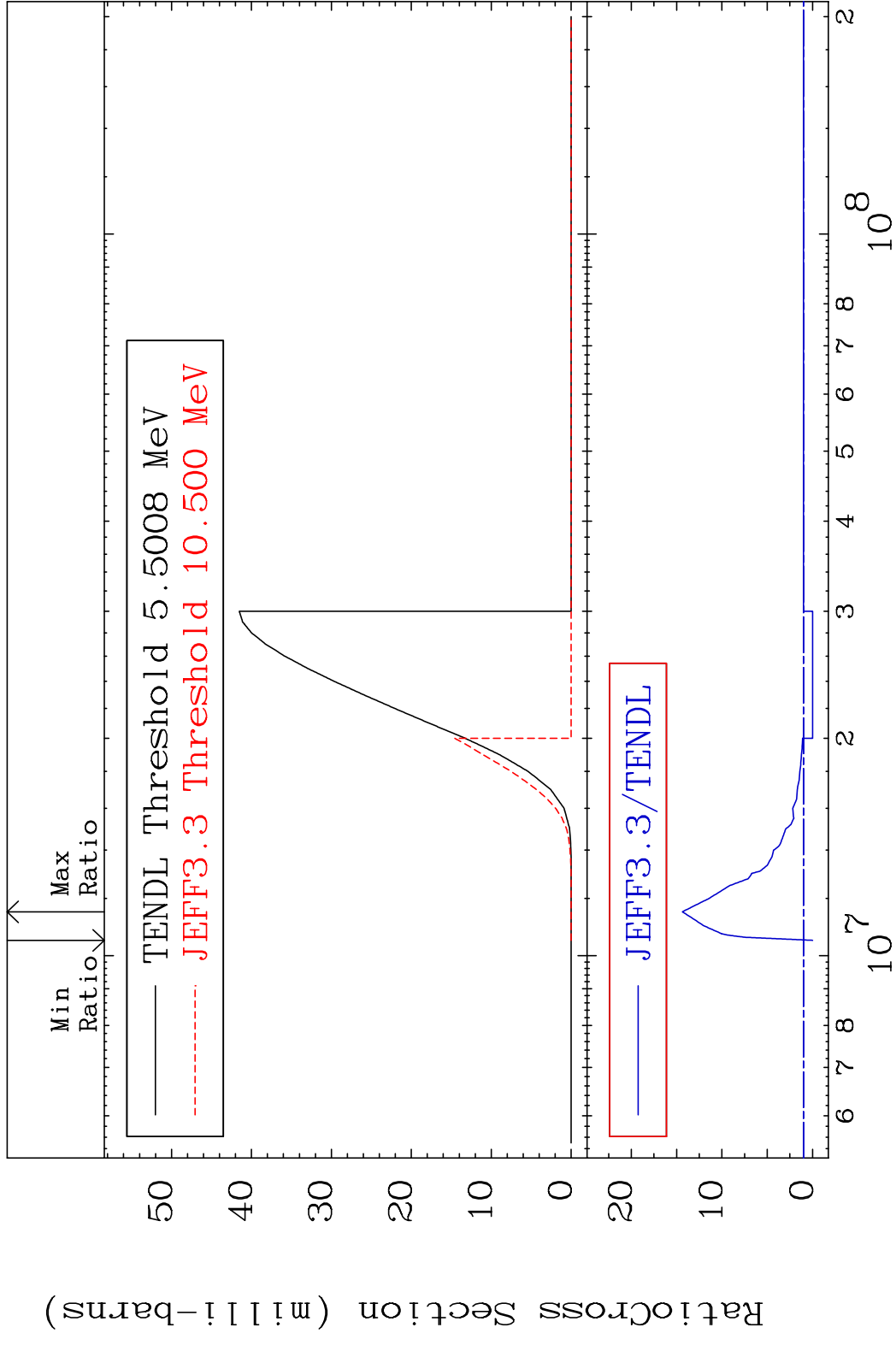


6 6 40-Zr-91

MAT 4028

(n, n')  $\alpha$  40-Zr-91

Cross Section -100.0 To 1337. %

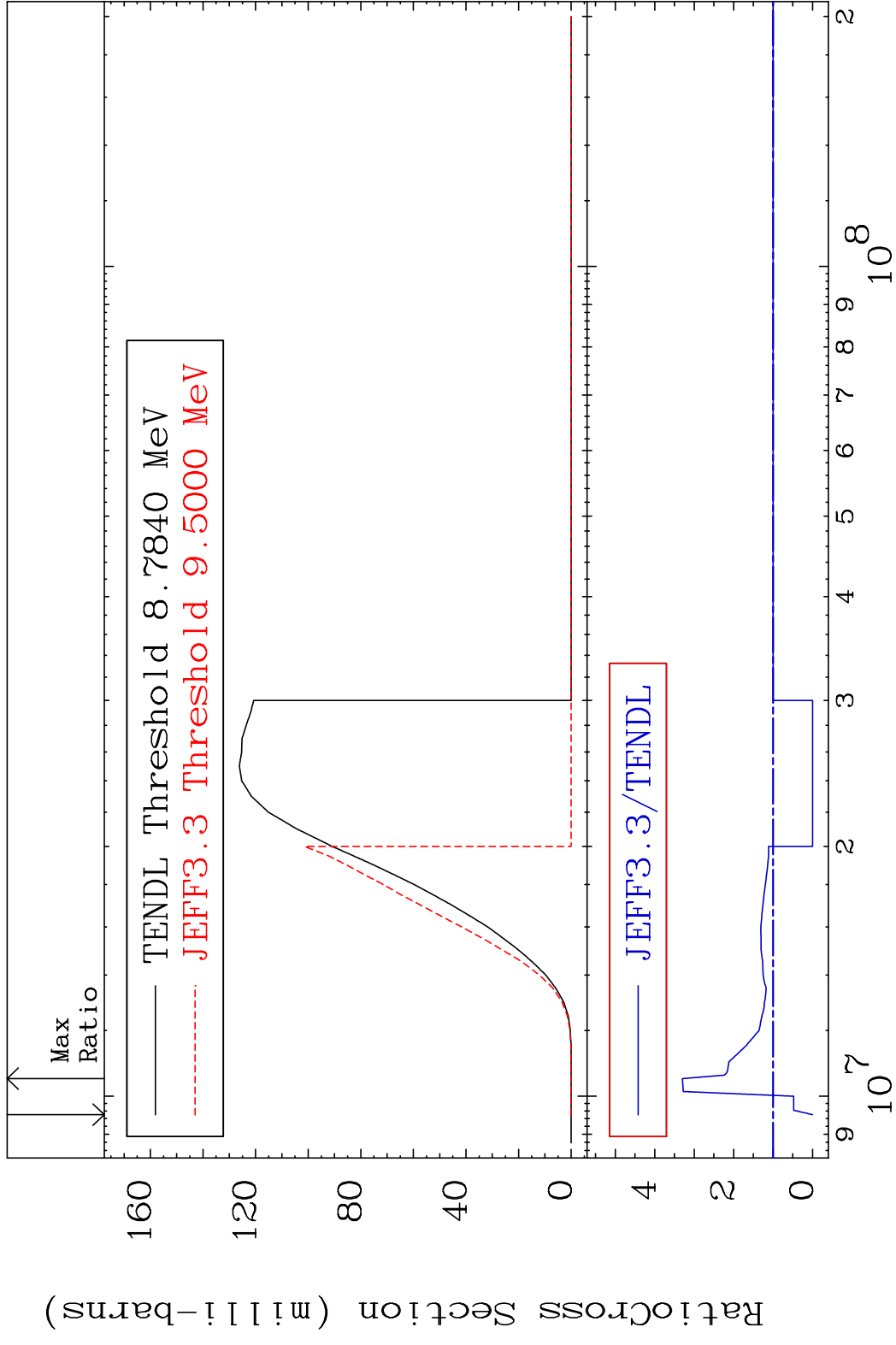


7

Incident Energy (eV) 40-Zr-91

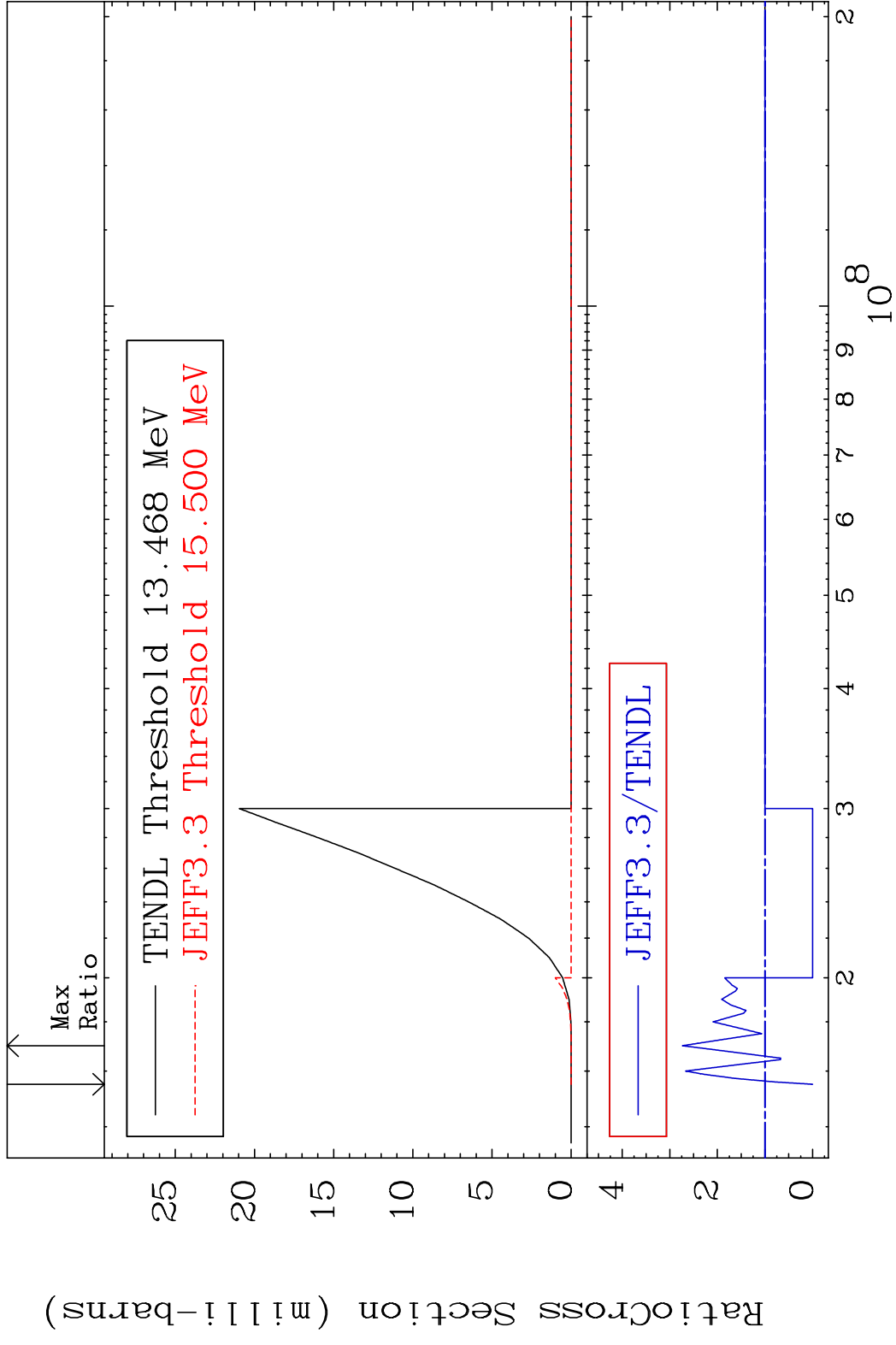


MAT 4028 (n, n') p 40-Zr-91  
 Cross Section -100.0 To 230.0 %



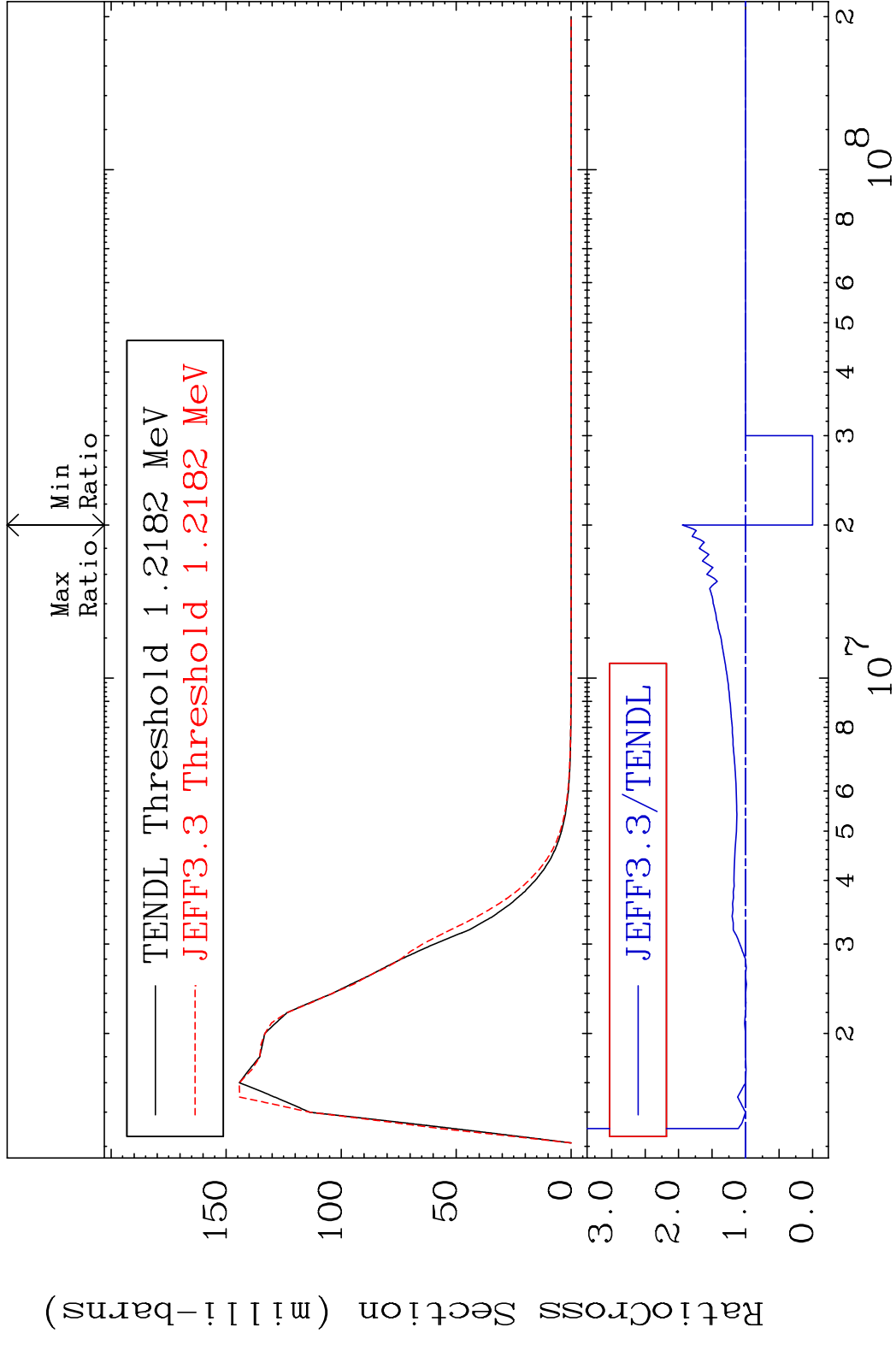
8 9 10 7 8 9 10 8 2  
 40-Zr-91

MAT 4028 (n, n') d 40-Zr-91  
 Cross Section -100.0 To 173.6 %

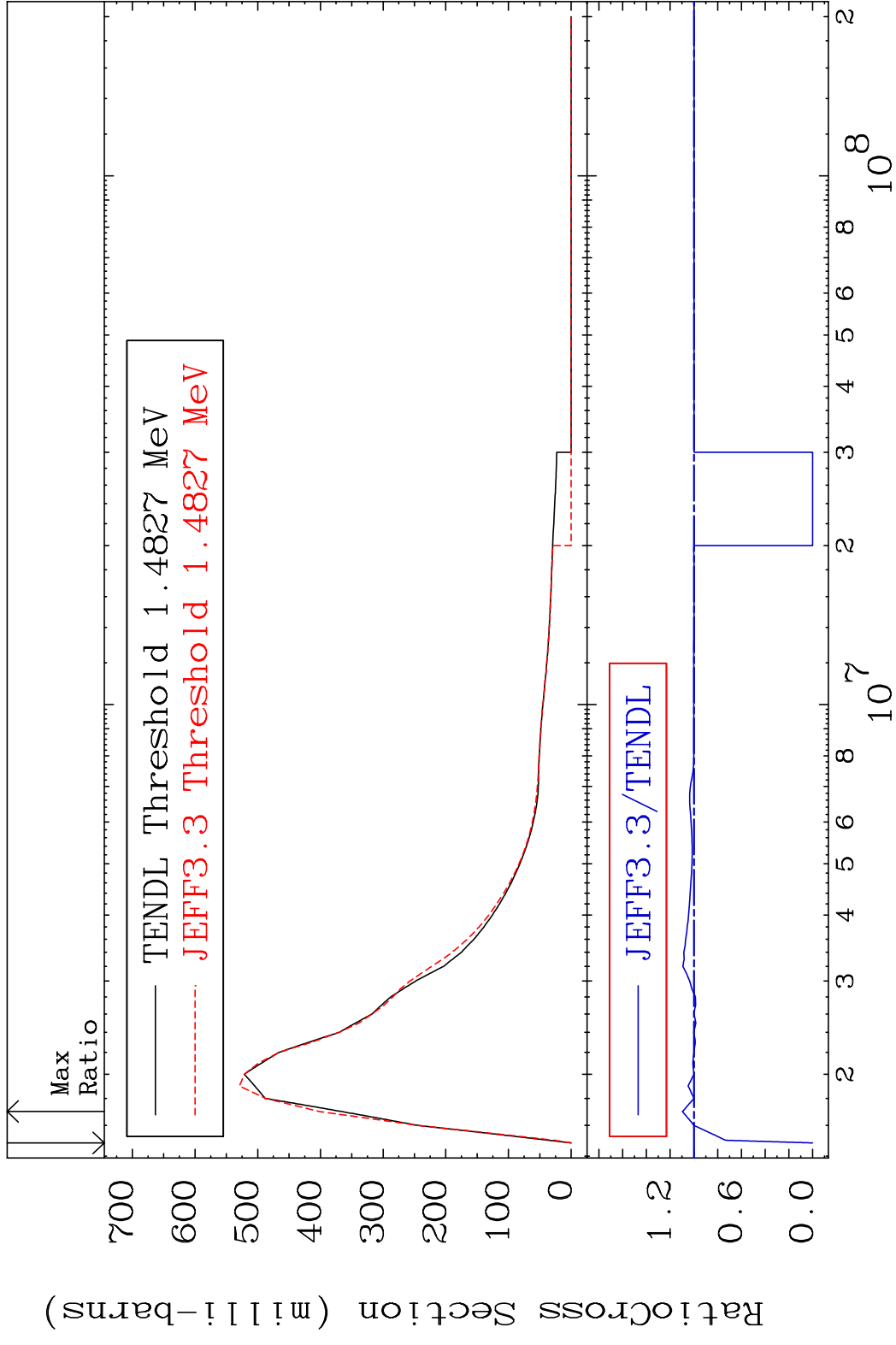




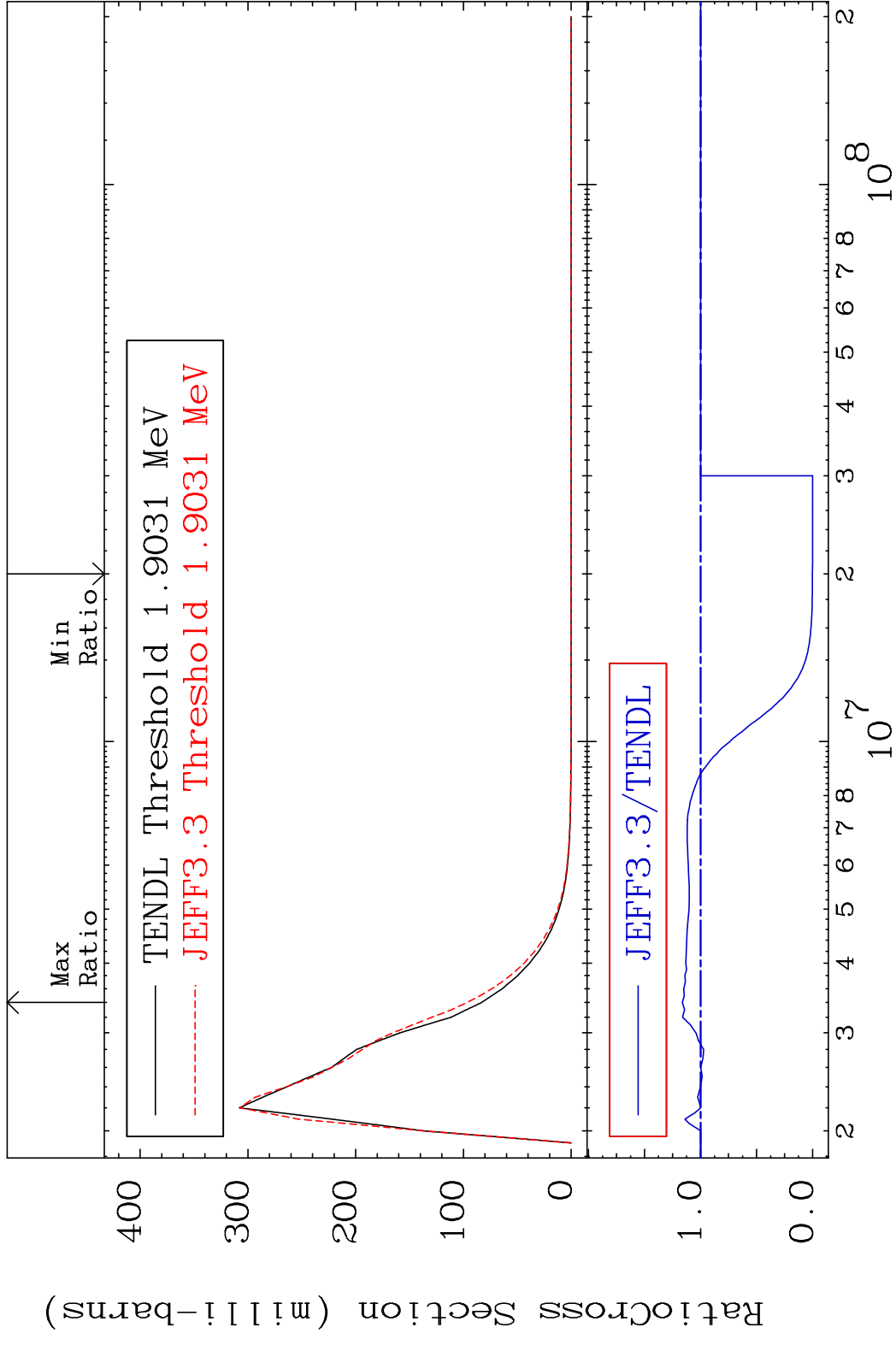
MAT 4028 MT= 51 (n, n') Level 40-Zr-91  
 Cross Section -100.0 To 94.39 %



MAT 4028 MT= 52 (n, n') Level 40-Zr-91  
 Cross Section -100.0 To 9.740 %

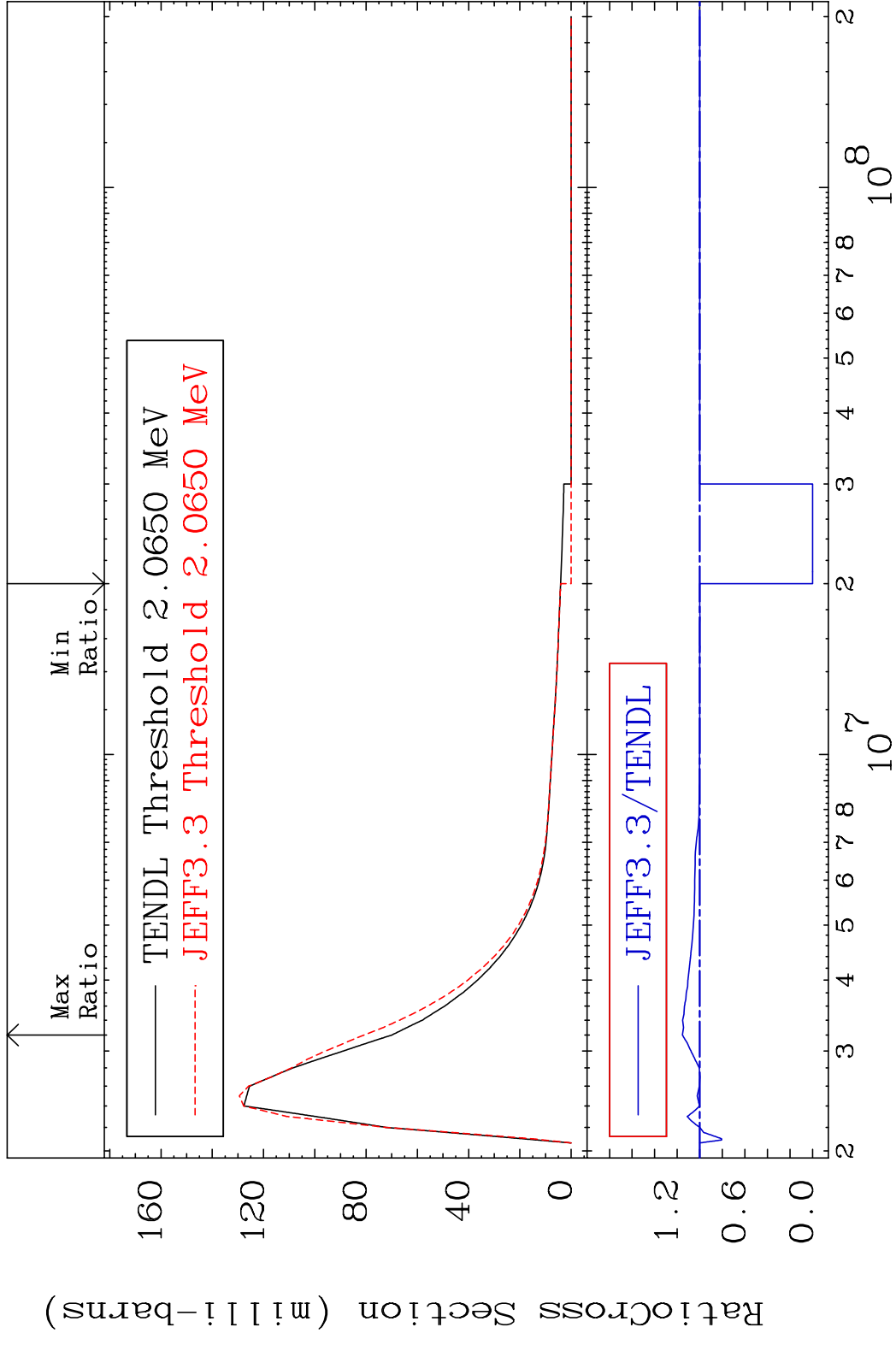


MAT 4028 MT= 53 (n, n') Level 40-Zr-91  
 Cross Section -100.0 To 16.24 %

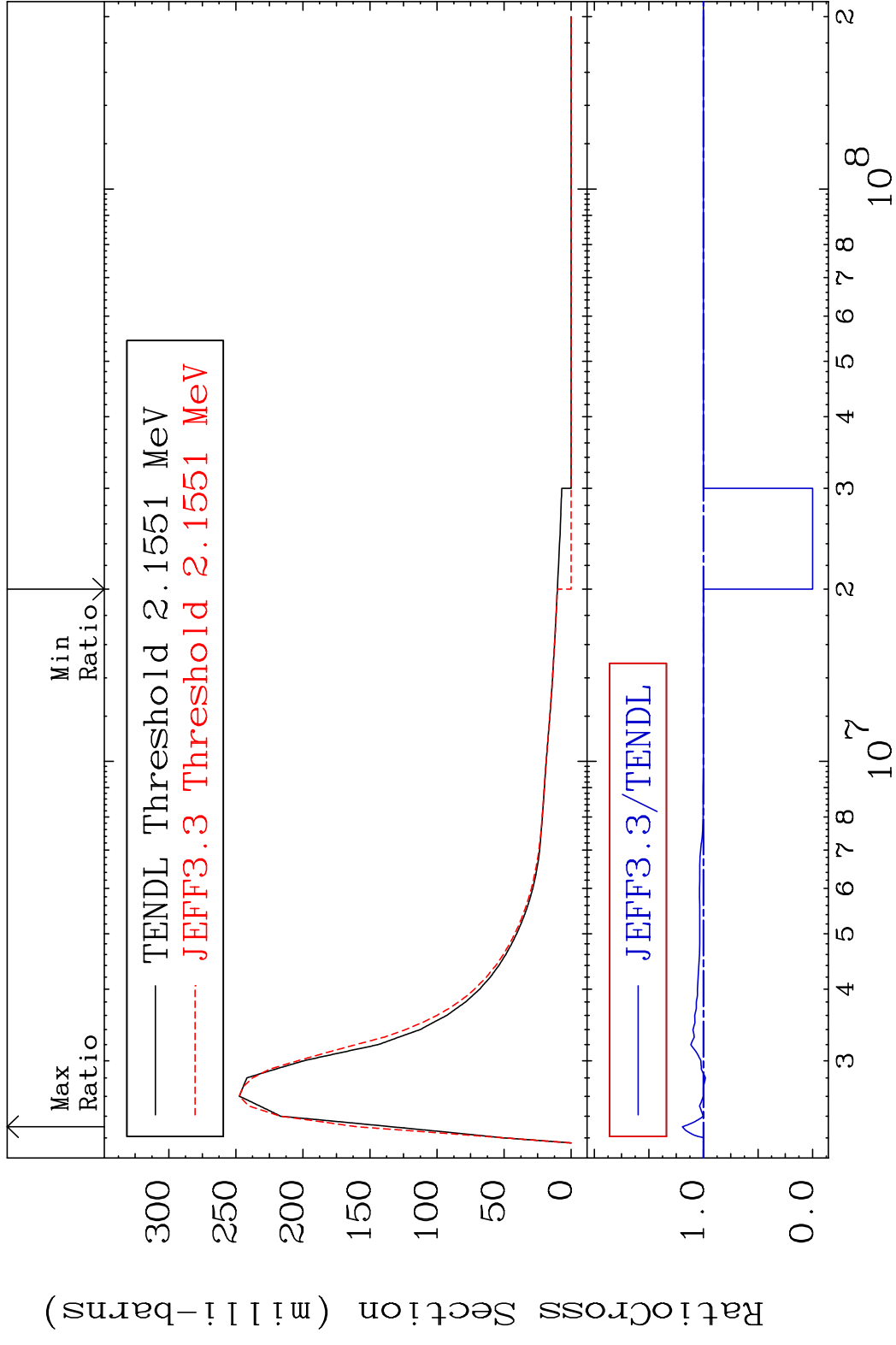


13 Incident Energy (eV) 40-Zr-91

MAT 4028 MT= 54 (n, n') Level 40-Zr-91  
 Cross Section -100.0 To 15.44 %

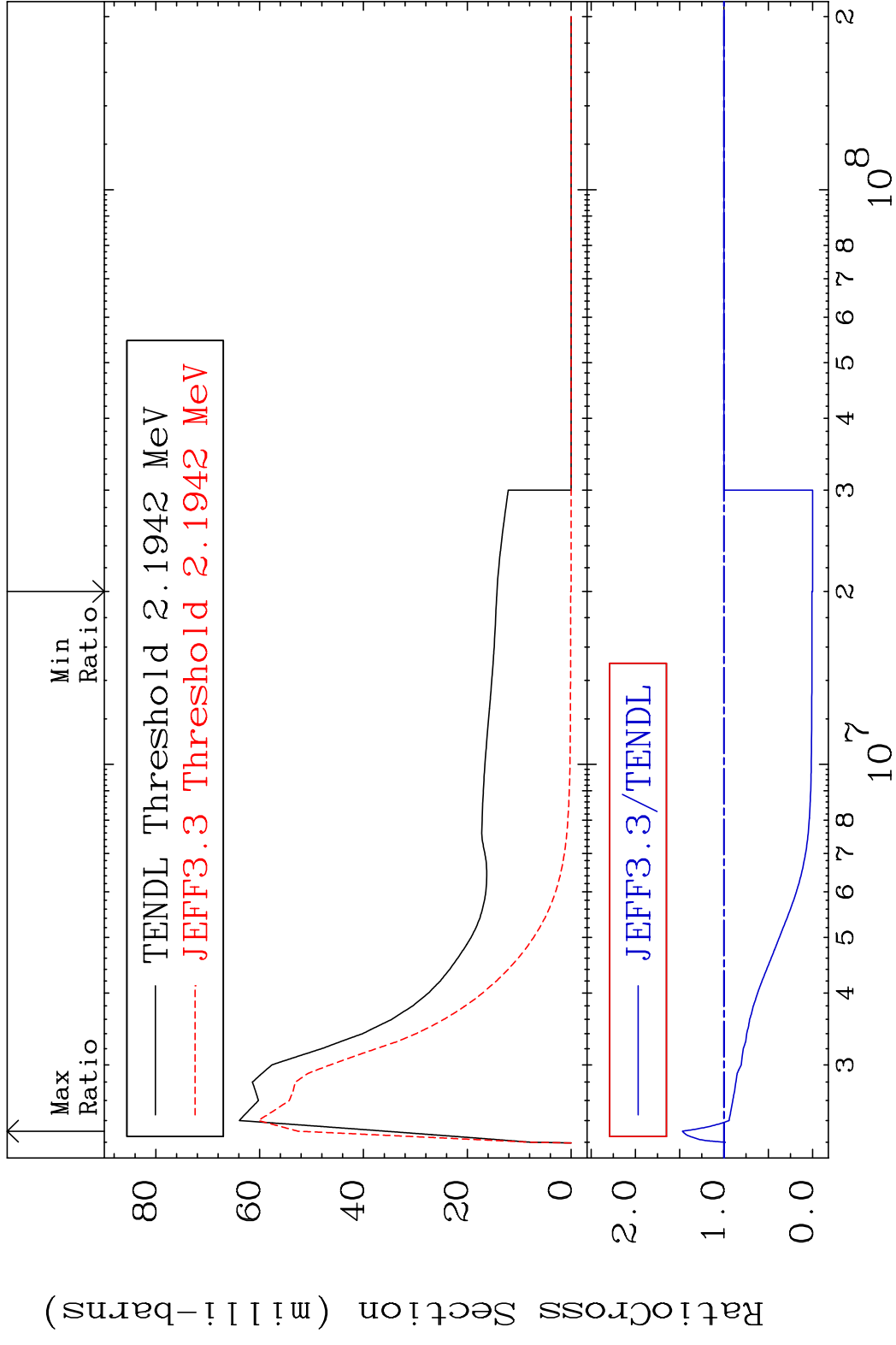


MAT 4028 MT= 55 (n, n') Level 40-Zr-91  
 Cross Section -100.0 To 19.33 %

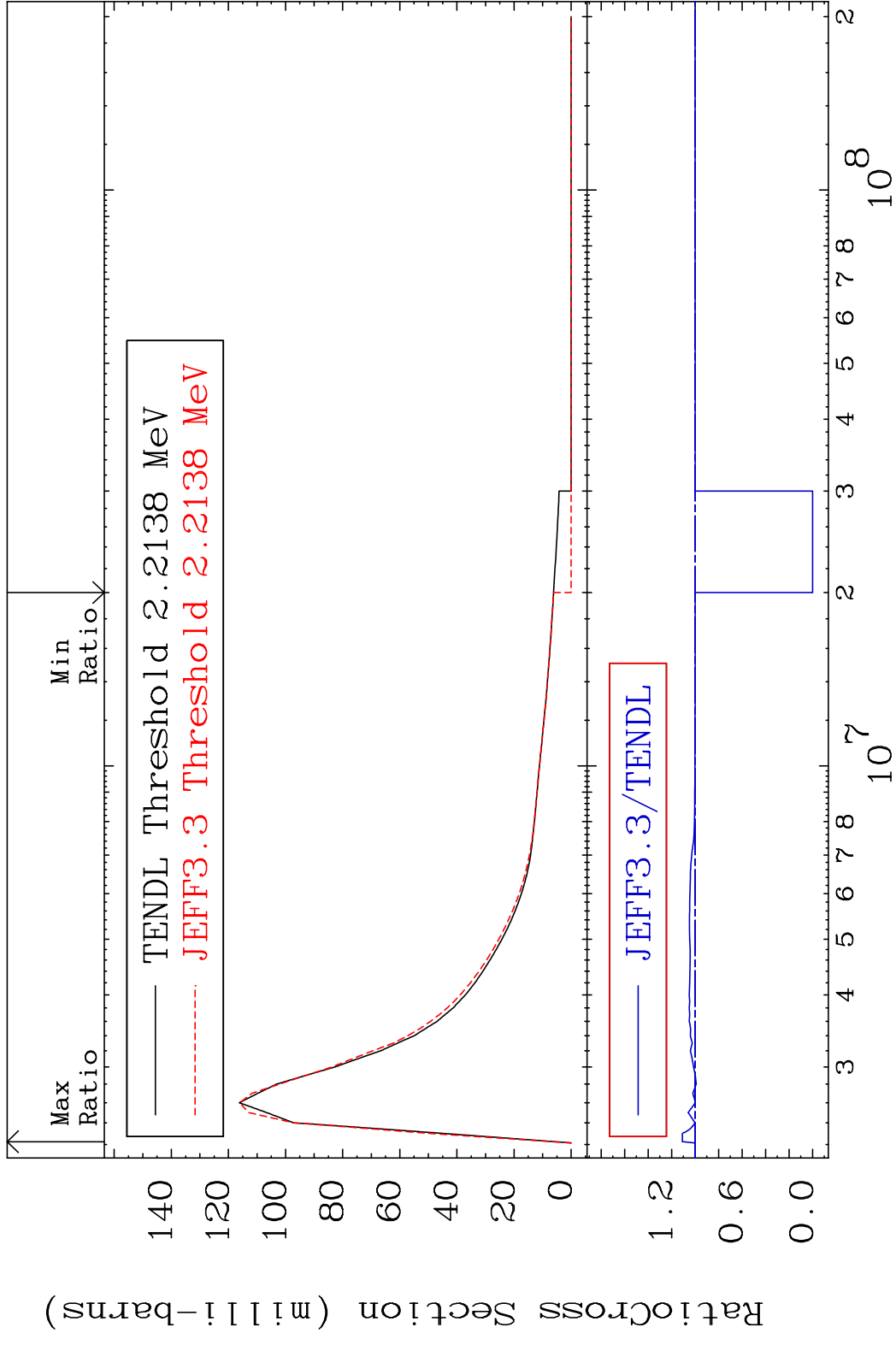




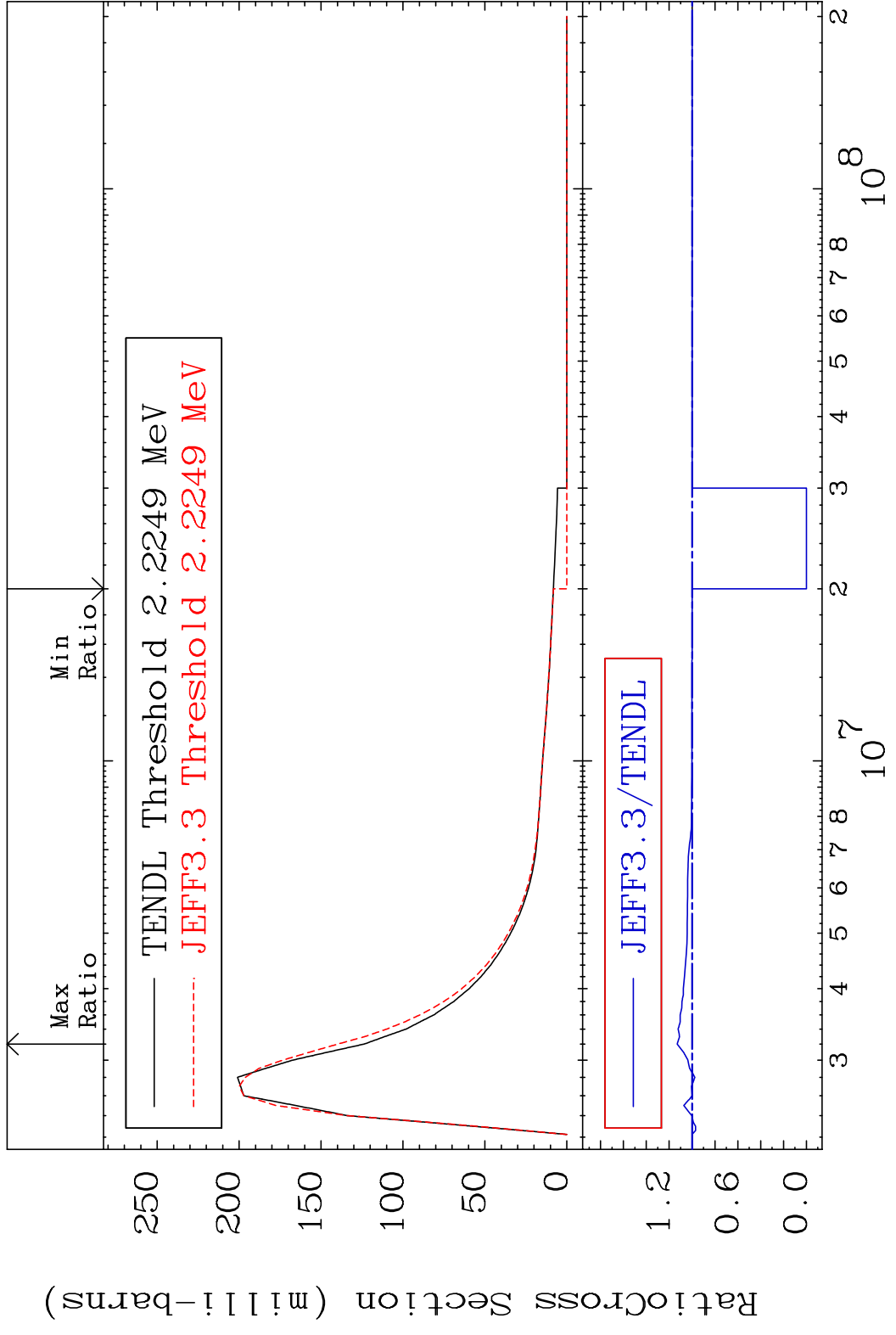
MAT 4028 MT= 56 (n, n') Level 40-Zr-91  
 Cross Section -100.0 To 46.99 %



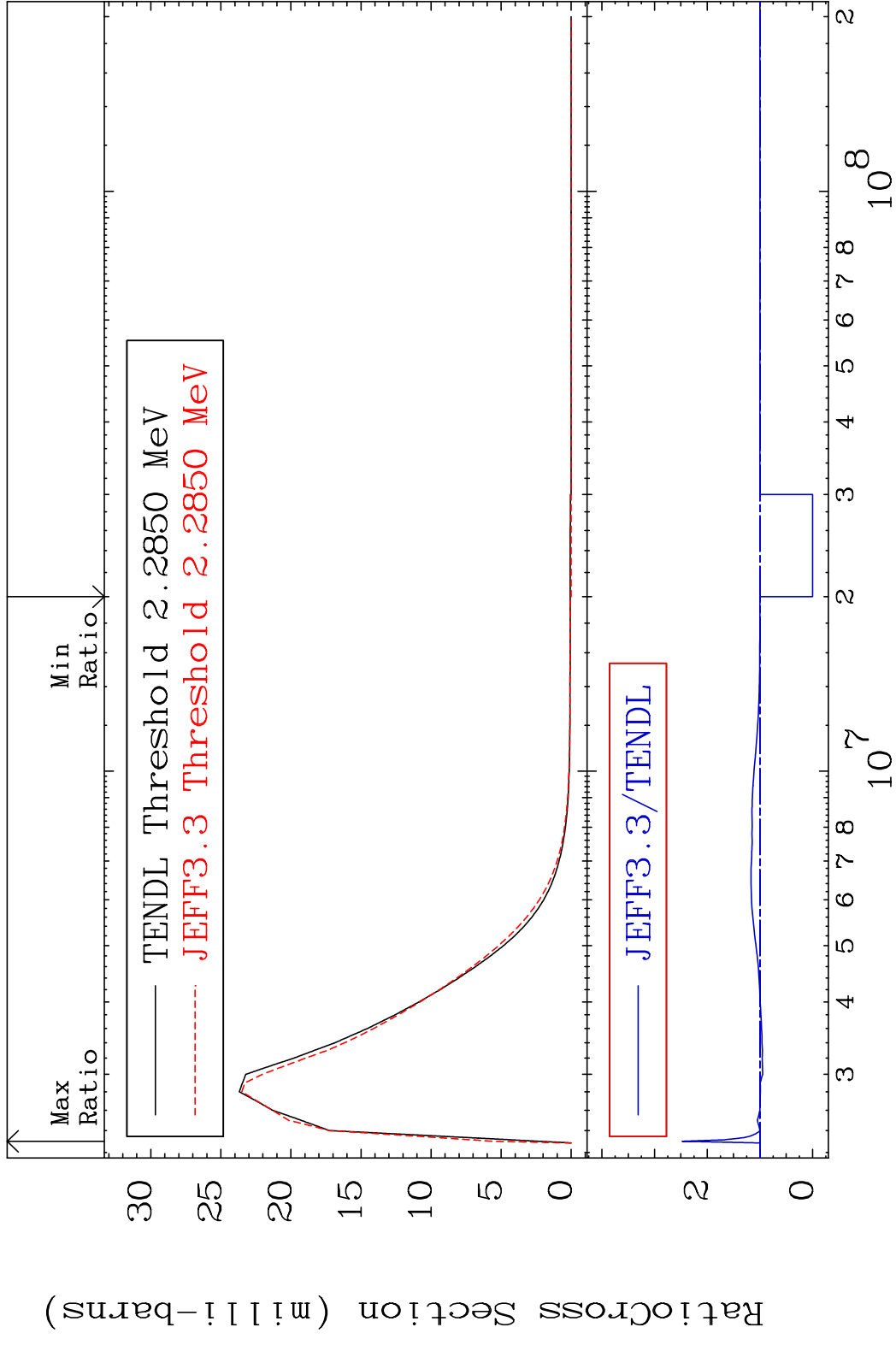
MAT 4028 MT= 57 (n, n') Level 40-Zr-91  
 Cross Section -100.0 To 10.84 %



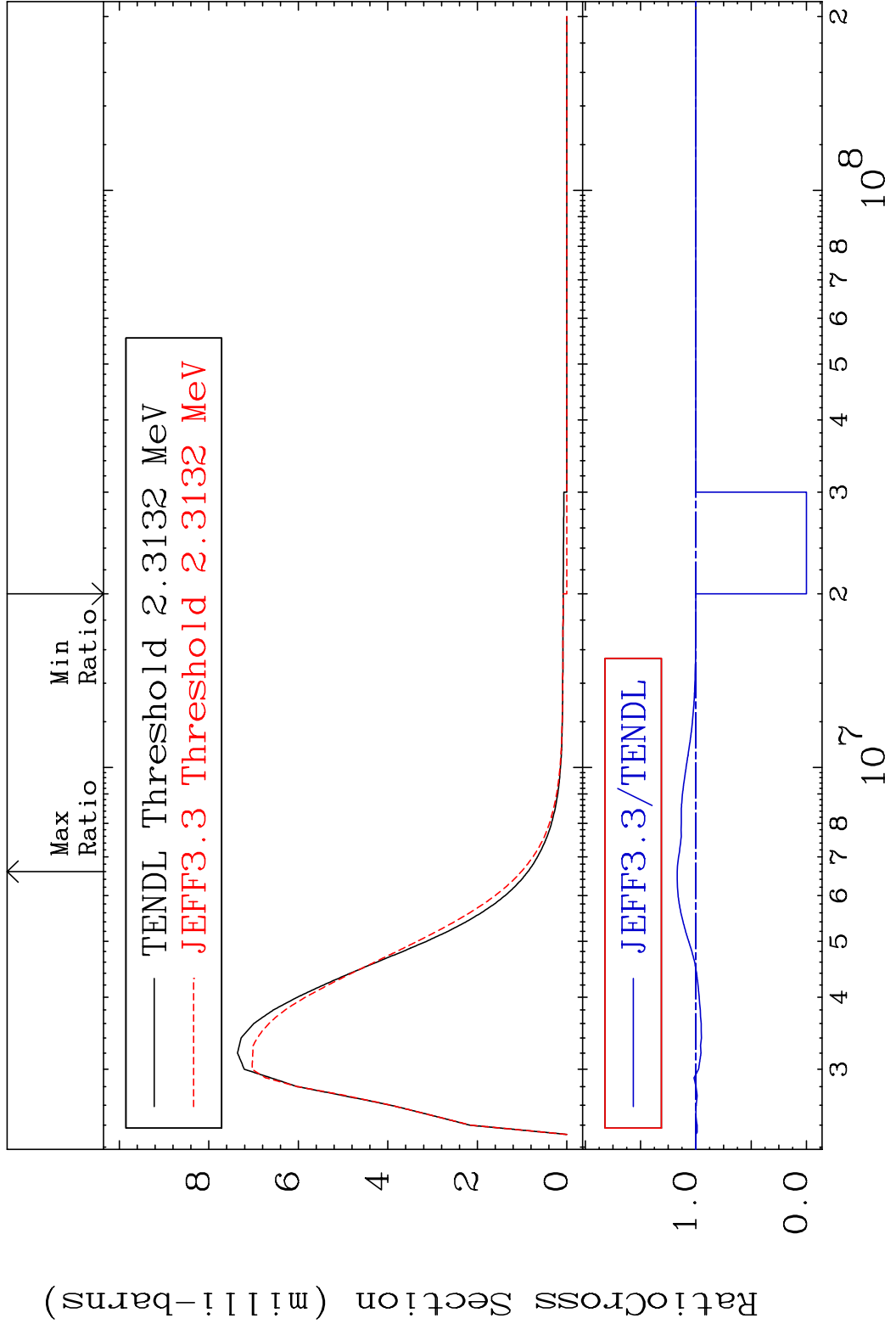
MAT 4028 MT= 58 (n, n') Level 40-Zr-91  
 Cross Section -100.0 To 13.00 %



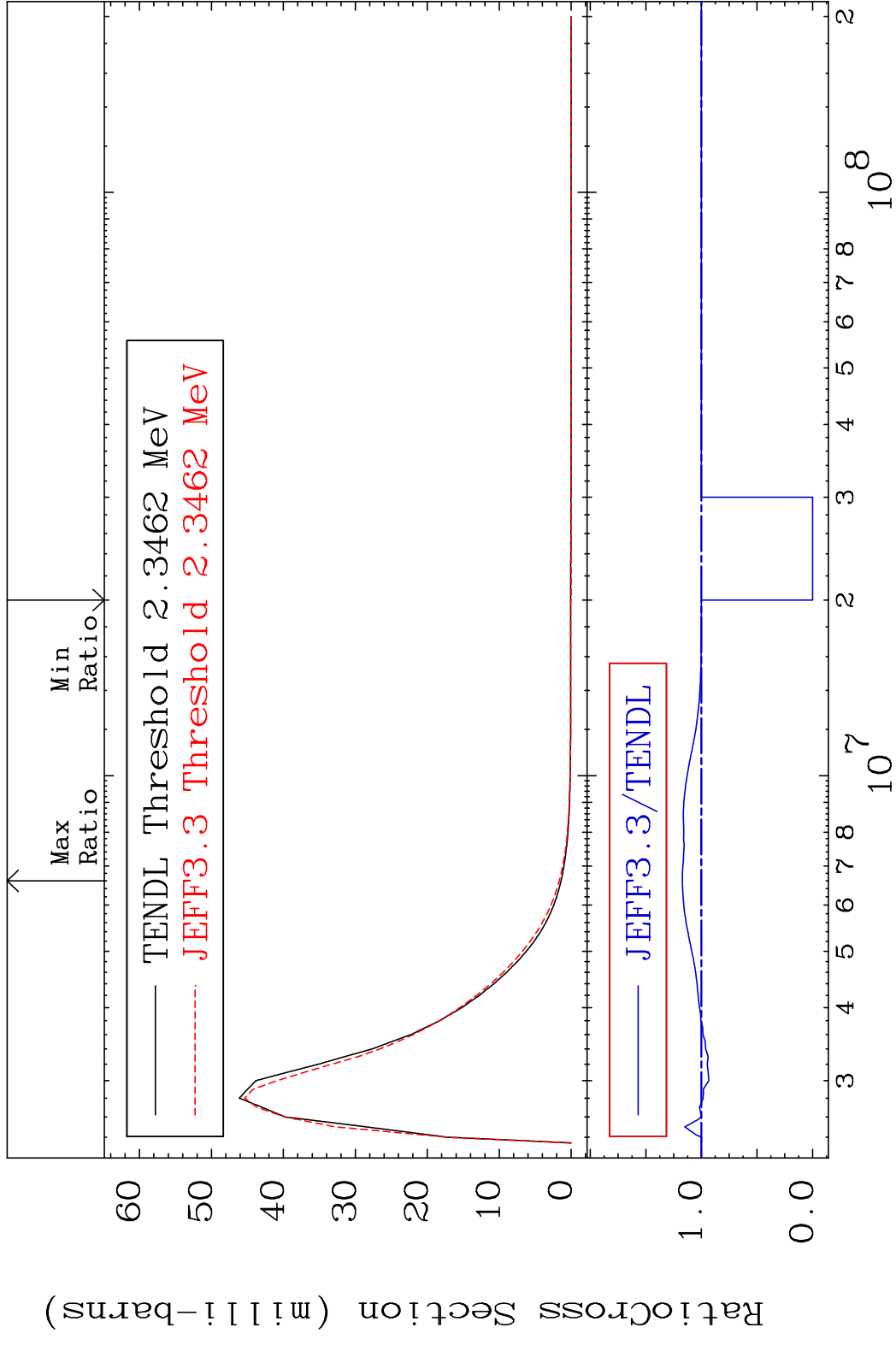
MAT 4028 MT= 59 (n, n') Level 40-Zr-91  
 Cross Section -100.0 To 147.2 %



MAT 4028 MT= 60 (n, n') Level 40-Zr-91  
 Cross Section -100.0 To 16.92 %

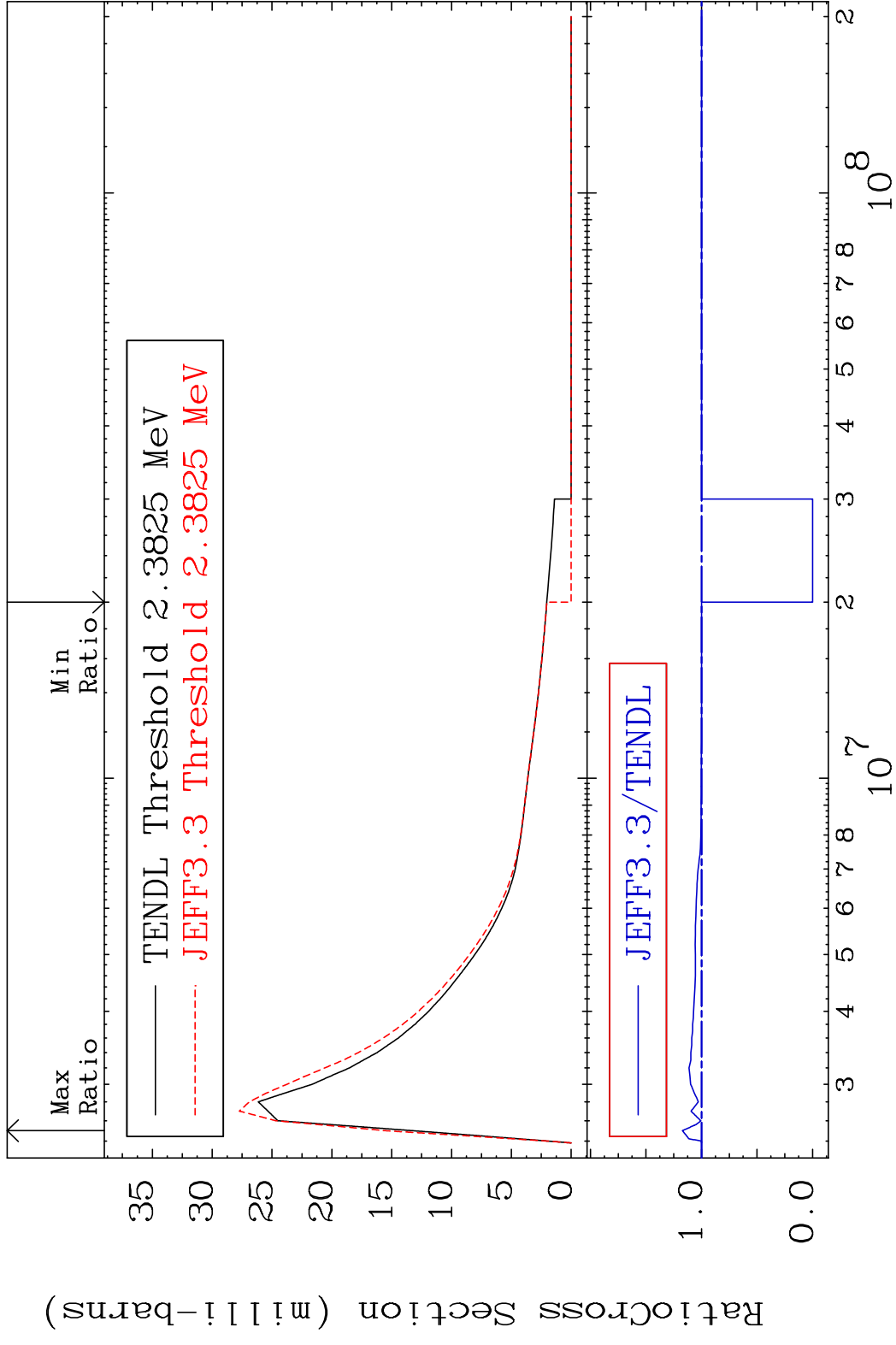


MAT 4028 MT= 61 (n, n') Level 40-Zr-91  
 Cross Section -100.0 To 17.16 %

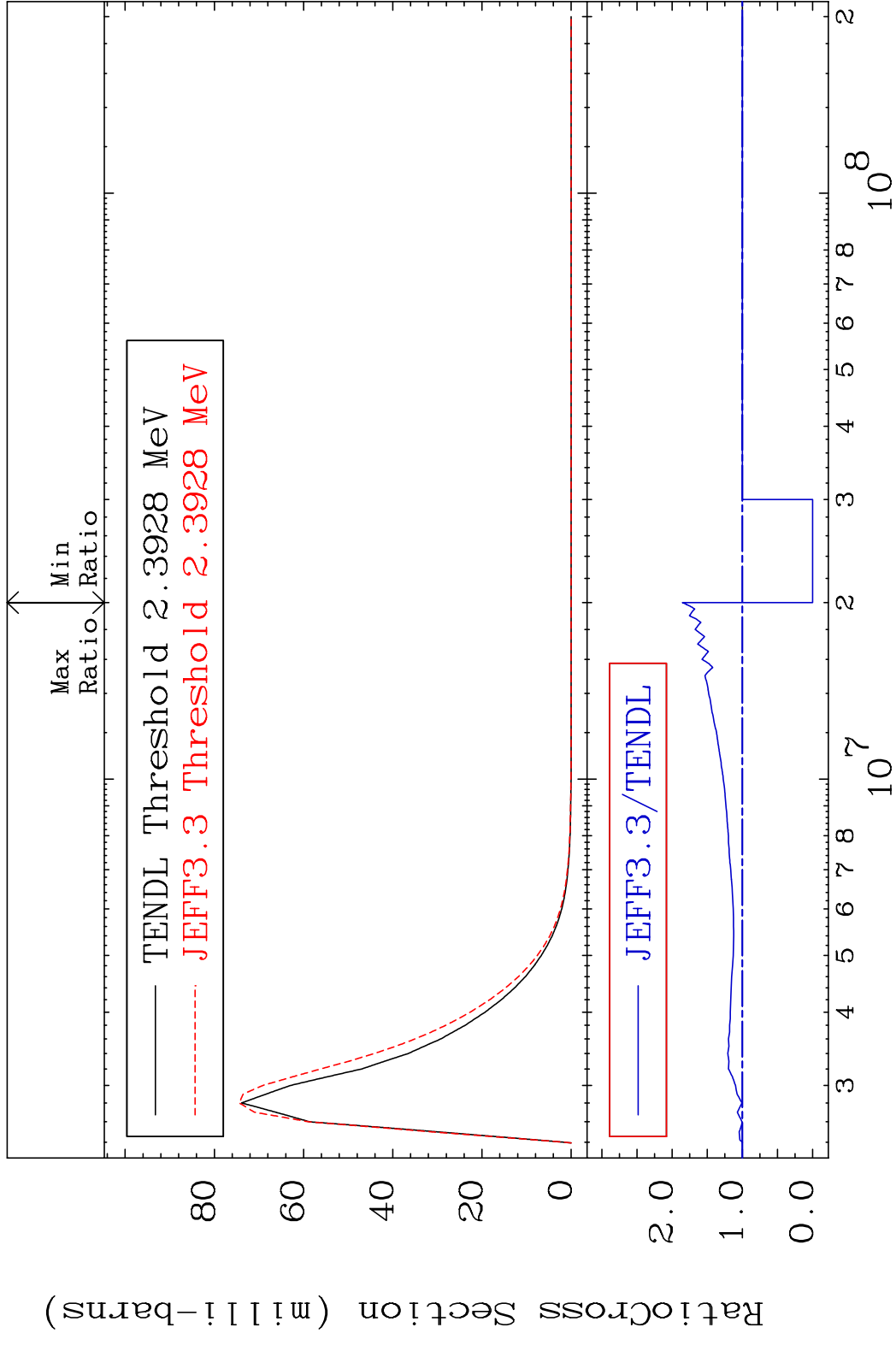


21 40-Zr-91

MAT 4028 MT= 62 (n, n') Level 40-Zr-91  
 Cross Section -100.0 To 17.24 %

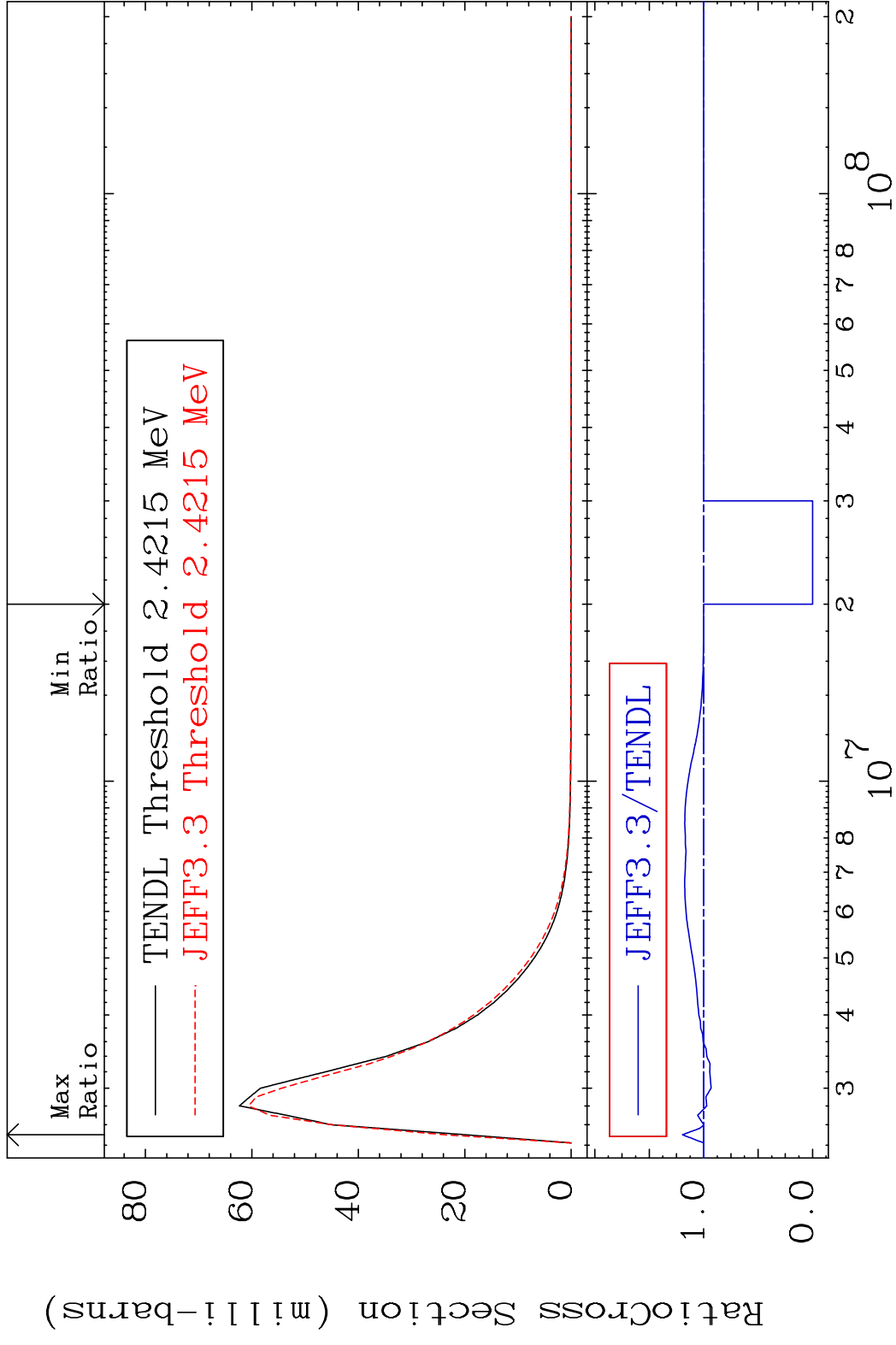


MAT 4028 MT= 63 (n, n') Level 40-Zr-91  
 Cross Section -100.0 To 85.49 %

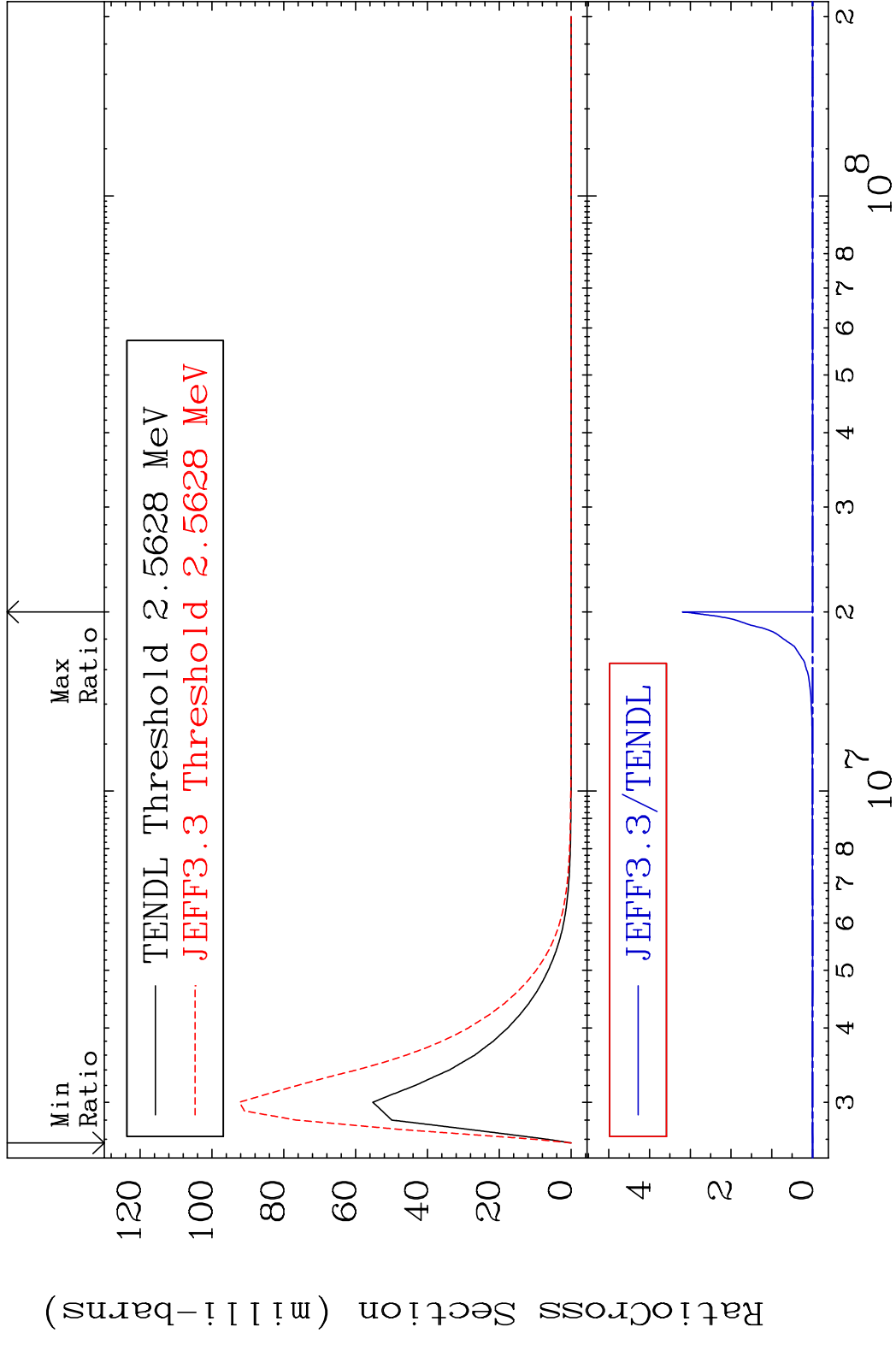




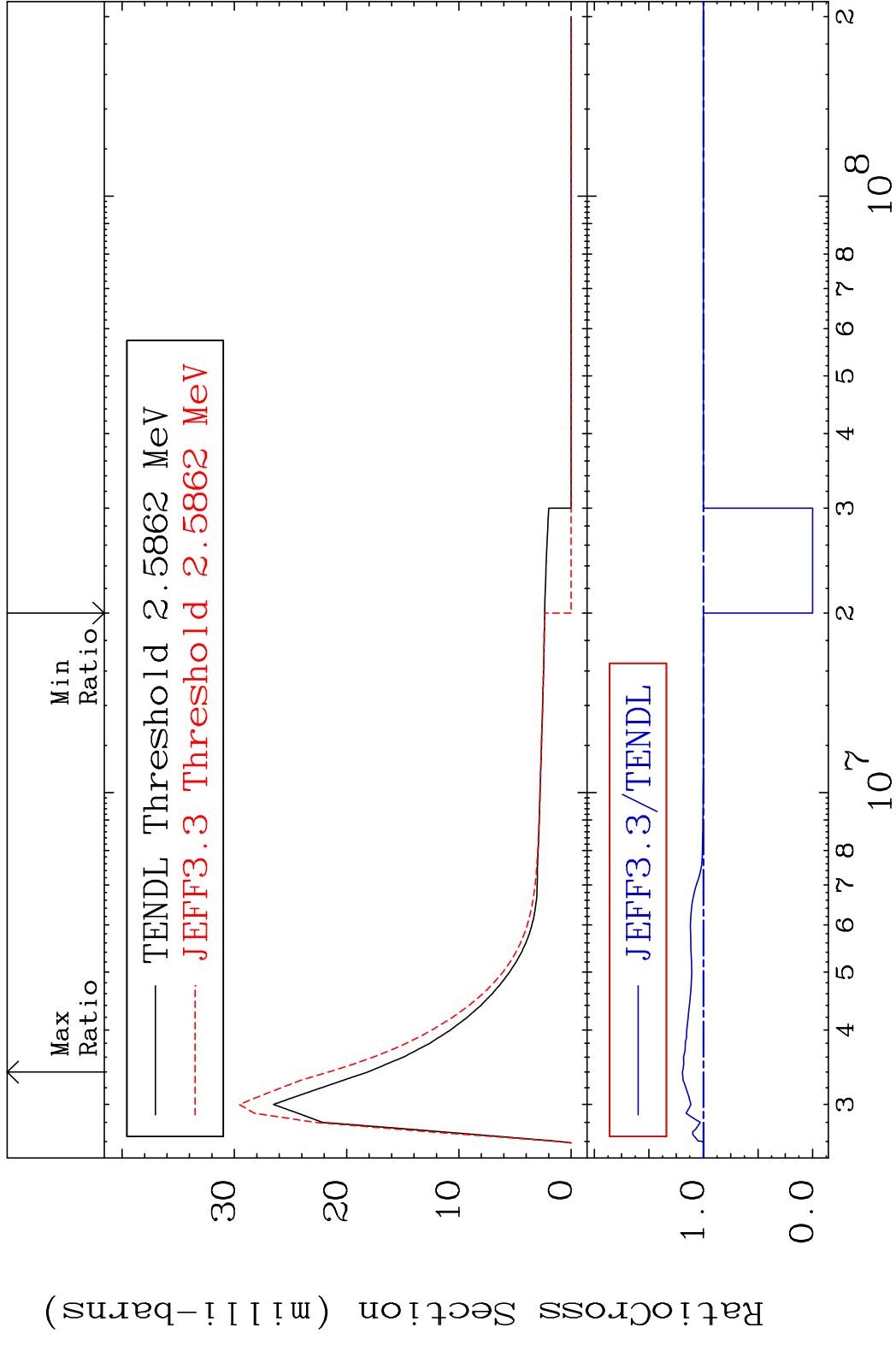
MAT 4028 MT= 64 (n,n') Level 40-Zr-91  
 Cross Section -100.0 To 19.57 %



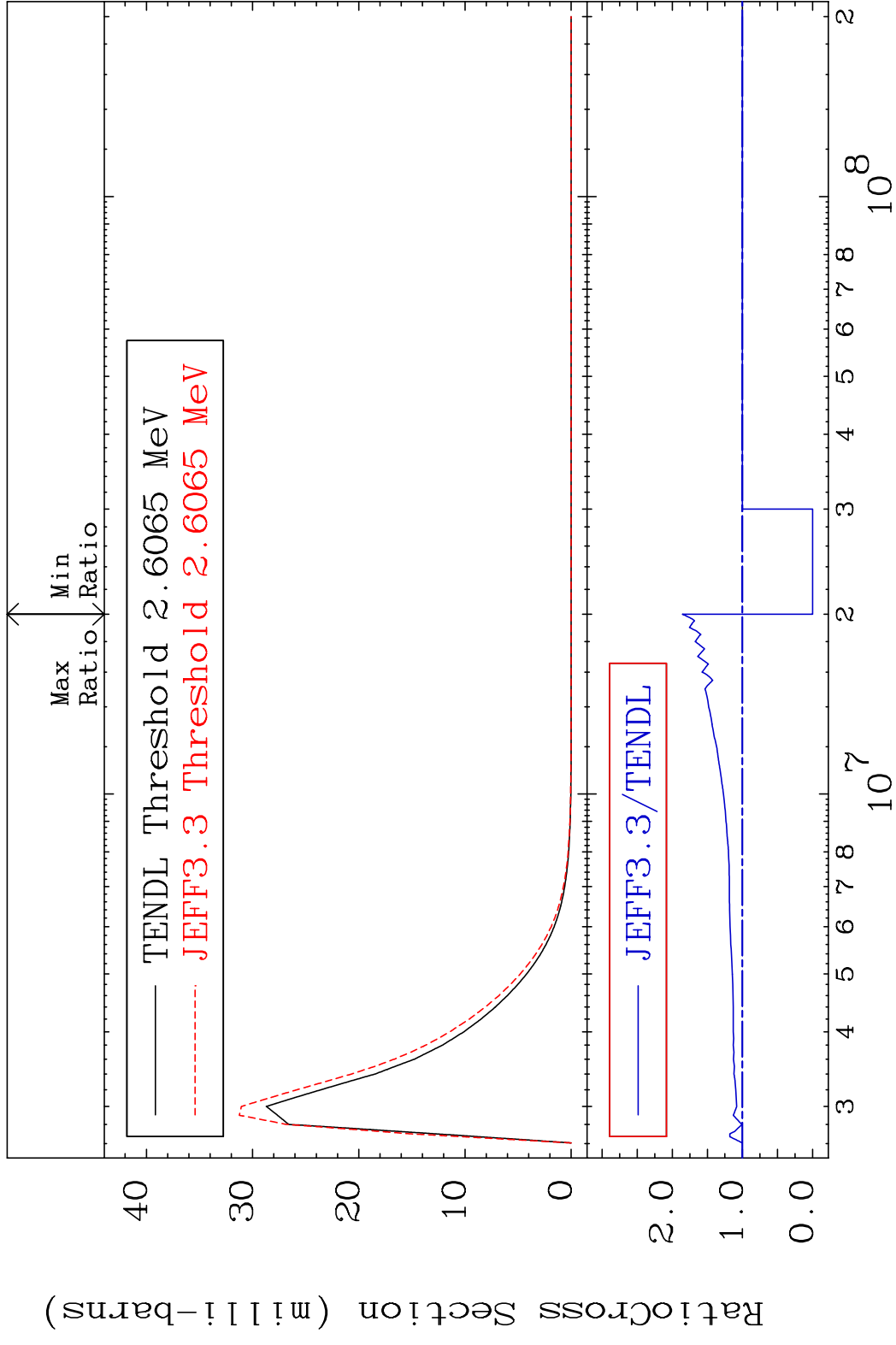
MAT 4028 MT= 65 (n, n') Level 40-Zr-91  
 Cross Section -100.0 To 9999. %



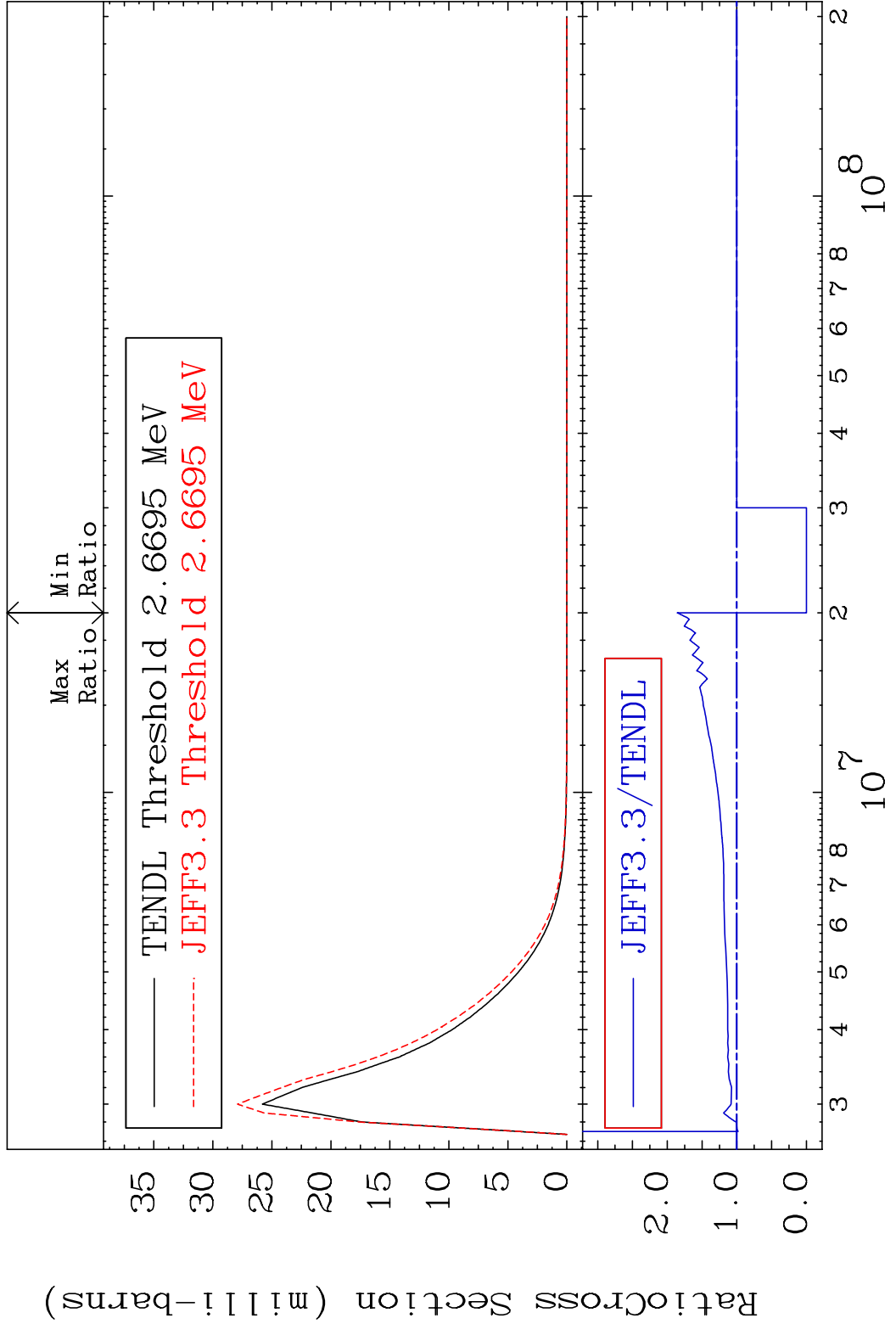
MAT 4028 MT= 66 (n,n') Level 40-Zr-91  
 Cross Section -100.0 To 19.31 %



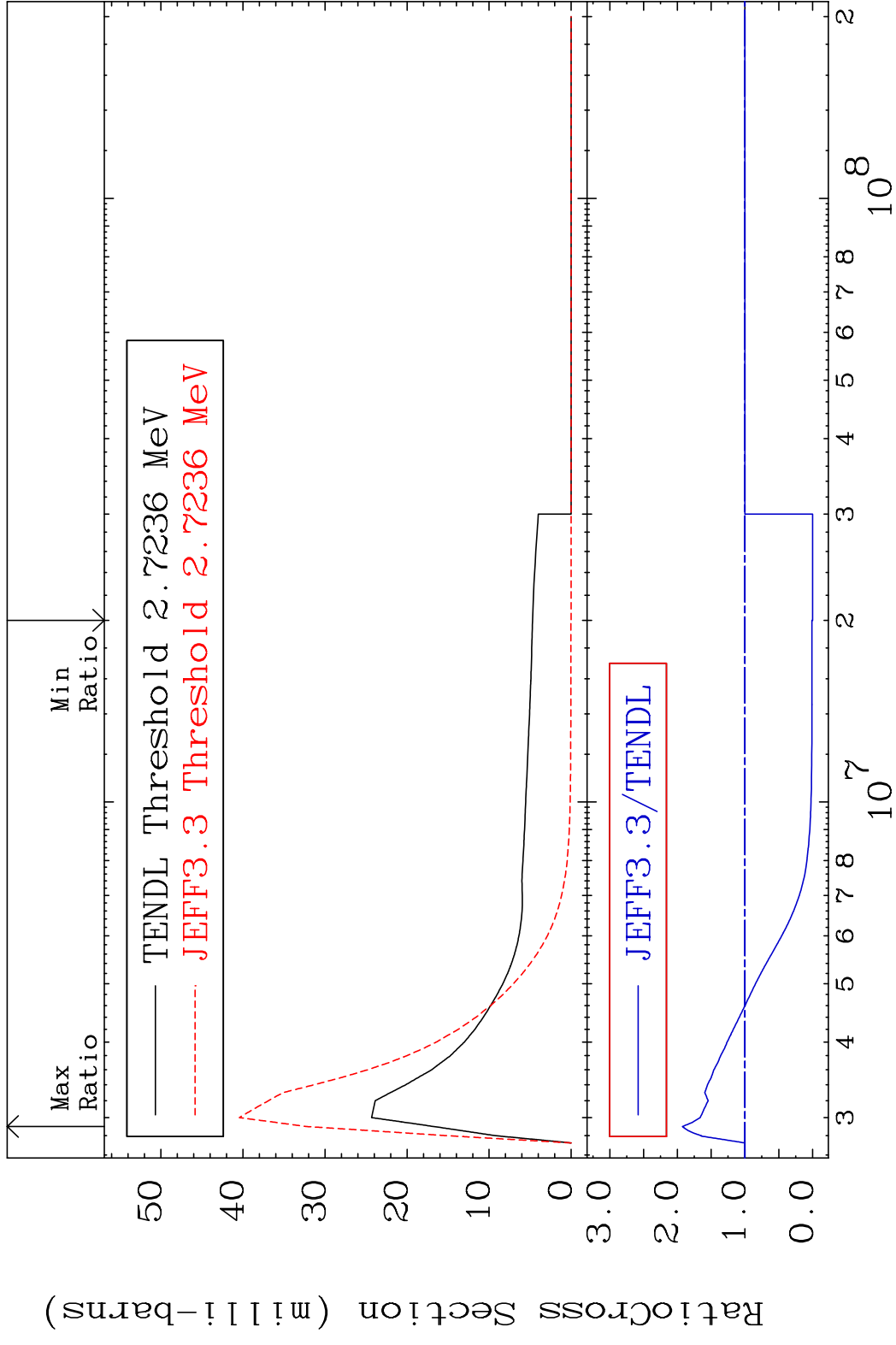
MAT 4028 MT= 67 (n, n') Level 40-Zr-91  
 Cross Section -100.0 To 85.70 %



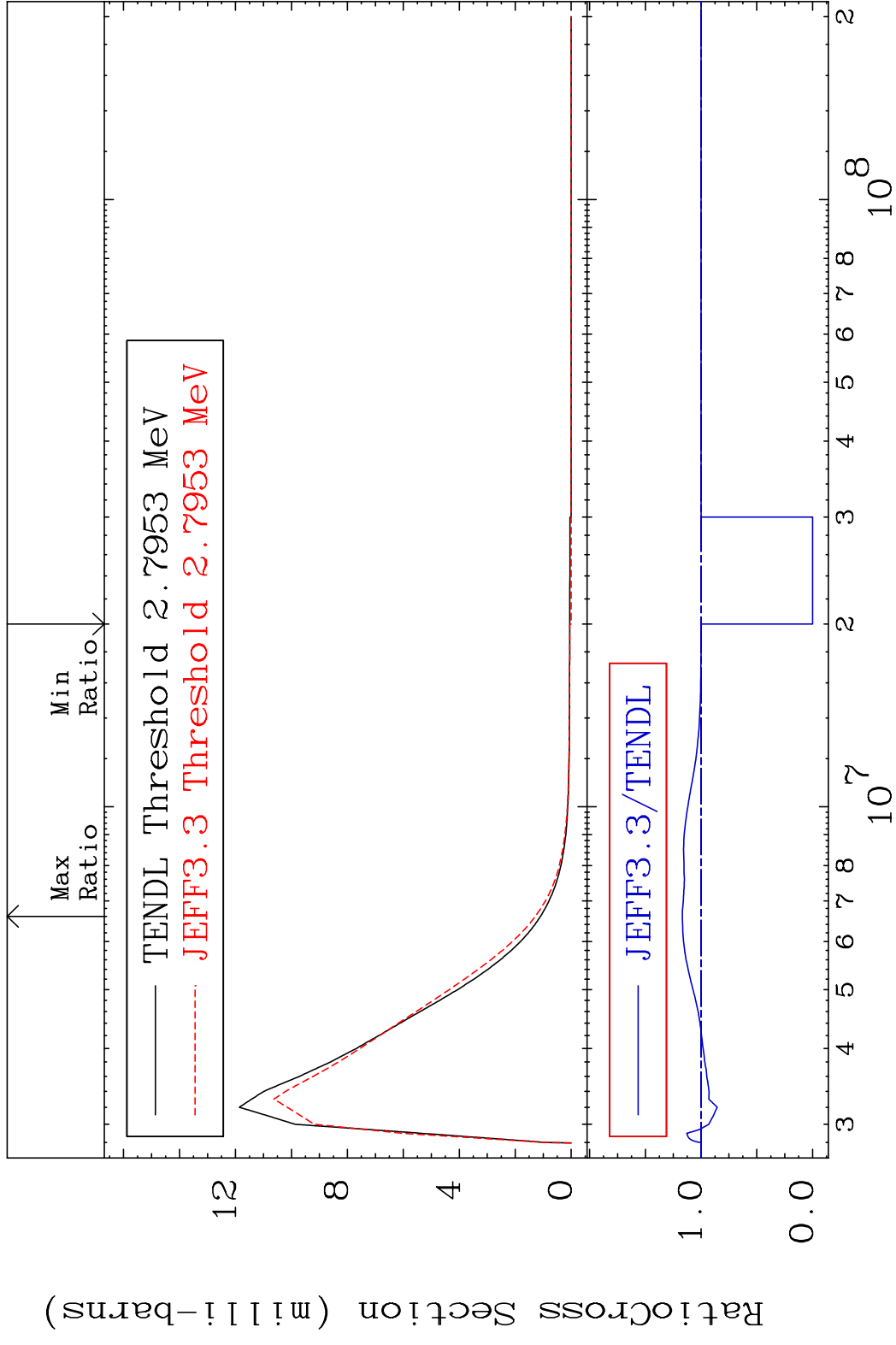
MAT 4028 MT= 68 (n, n') Level 40-Zr-91  
 Cross Section -100.0 To 85.73 %



MAT 4028 MT= 69 (n, n') Level 40-Zr-91  
 Cross Section -100.0 To 92.63 %

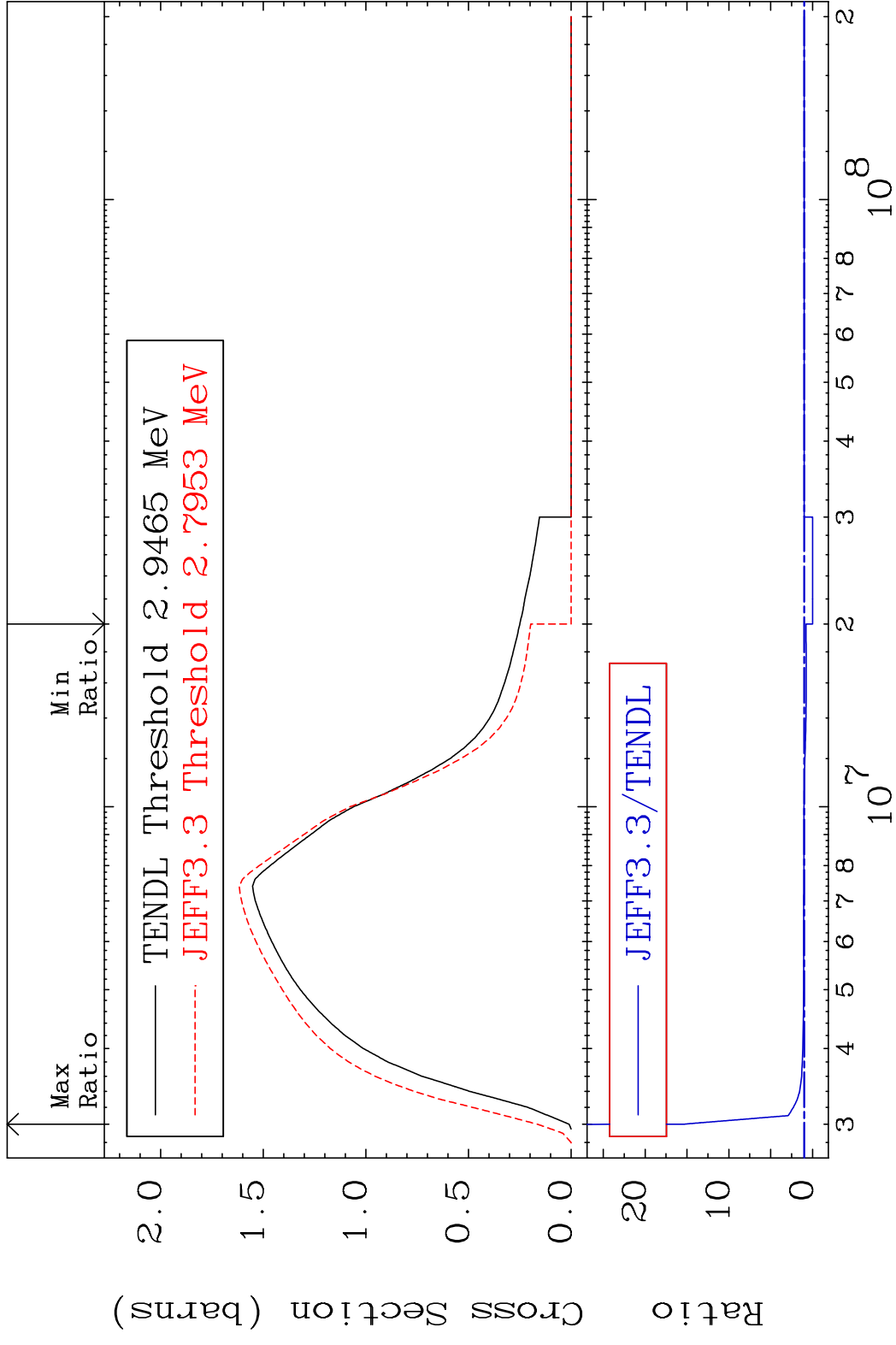


MAT 4028 MT= 70 (n,n') Level 40-Zr-91  
 Cross Section -100.0 To 16.83 %



30 30 Incident Energy (eV) 40-Zr-91

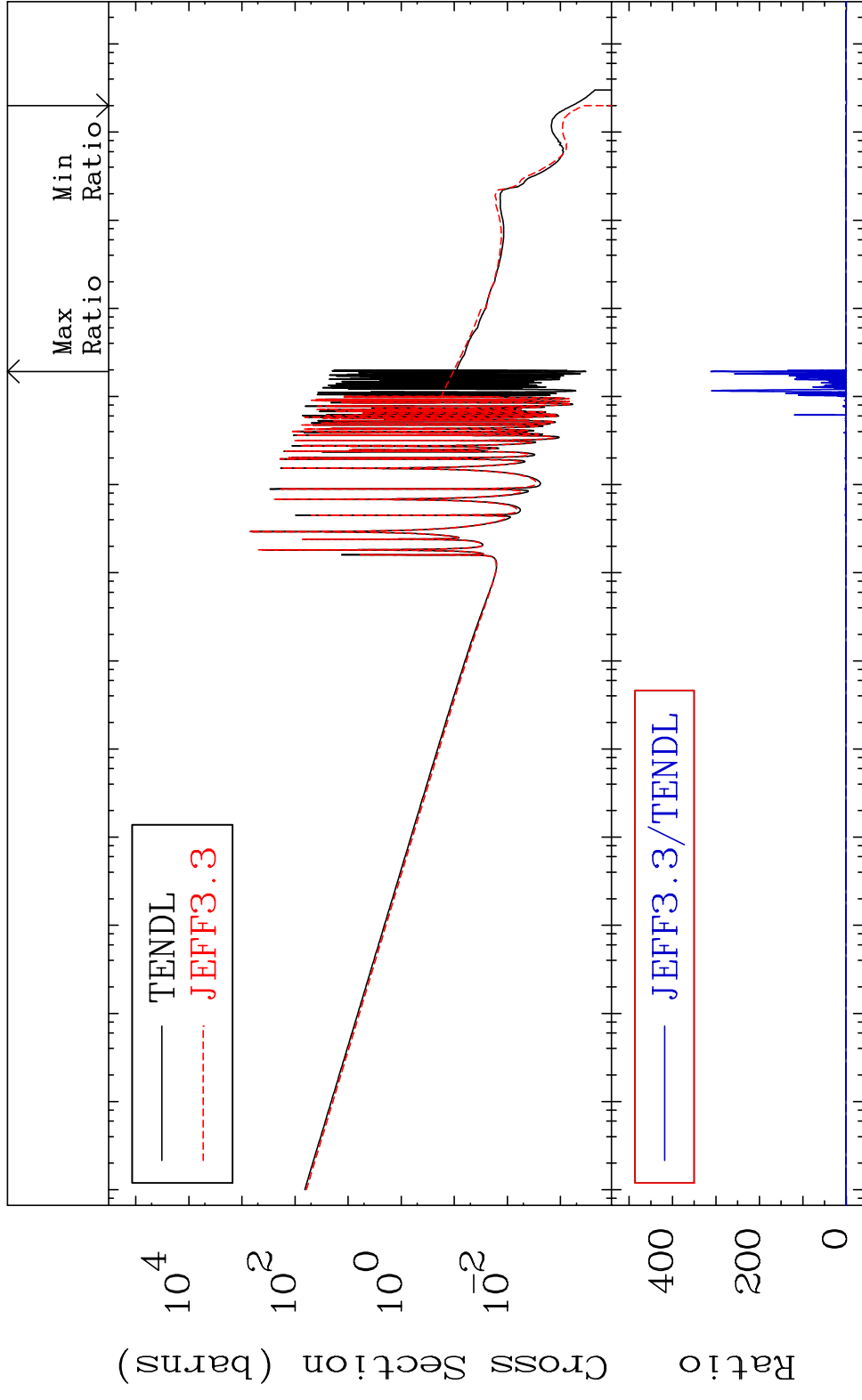
MAT 4028 (n,n') Continuum 40-Zr-91  
 Cross Section -100.0 To 1455. %





MAT 4028

(n,  $\gamma$ )  
Cross Section -100.0 To 9999. %  
40-Zr-91

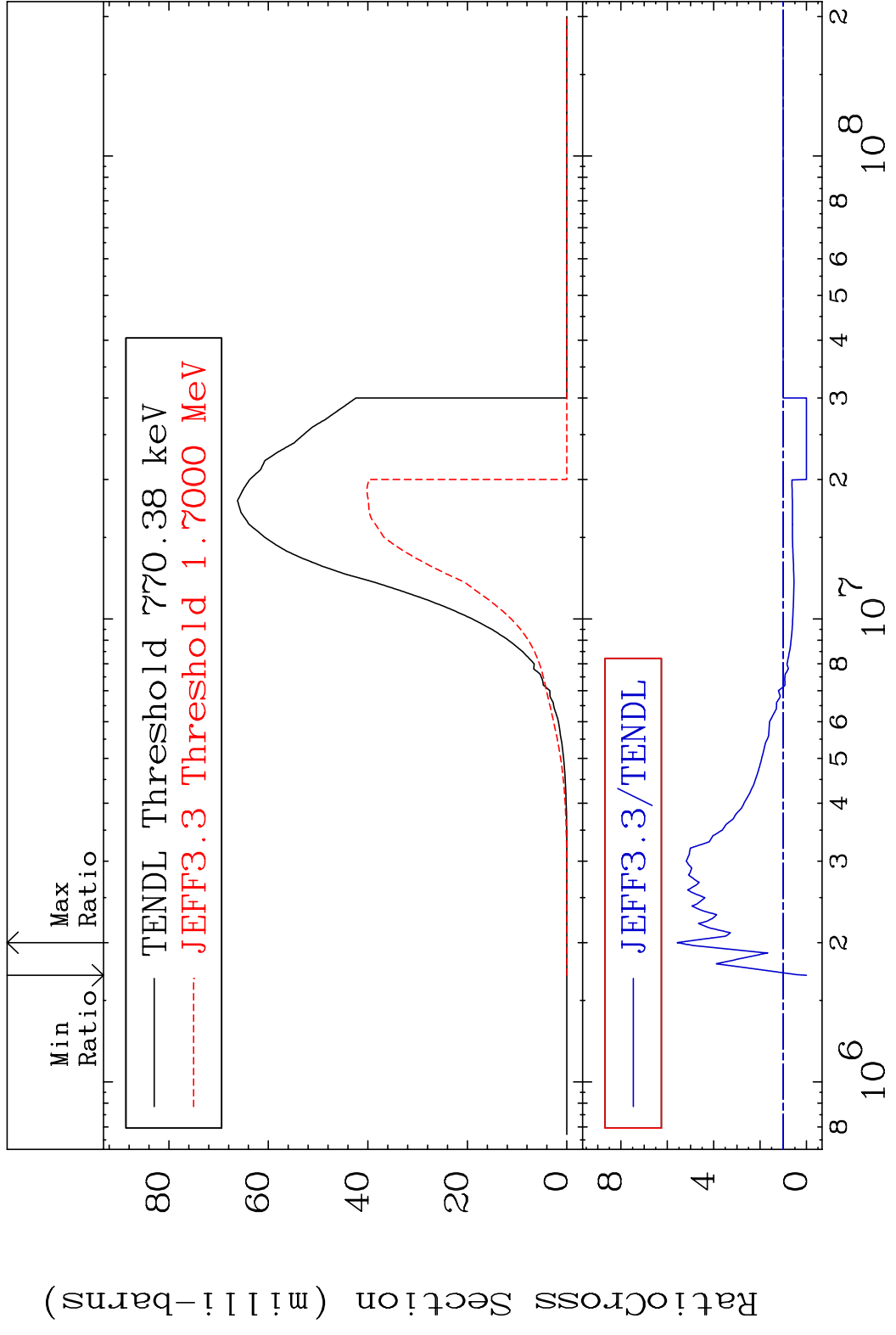


32

Incident Energy (eV)

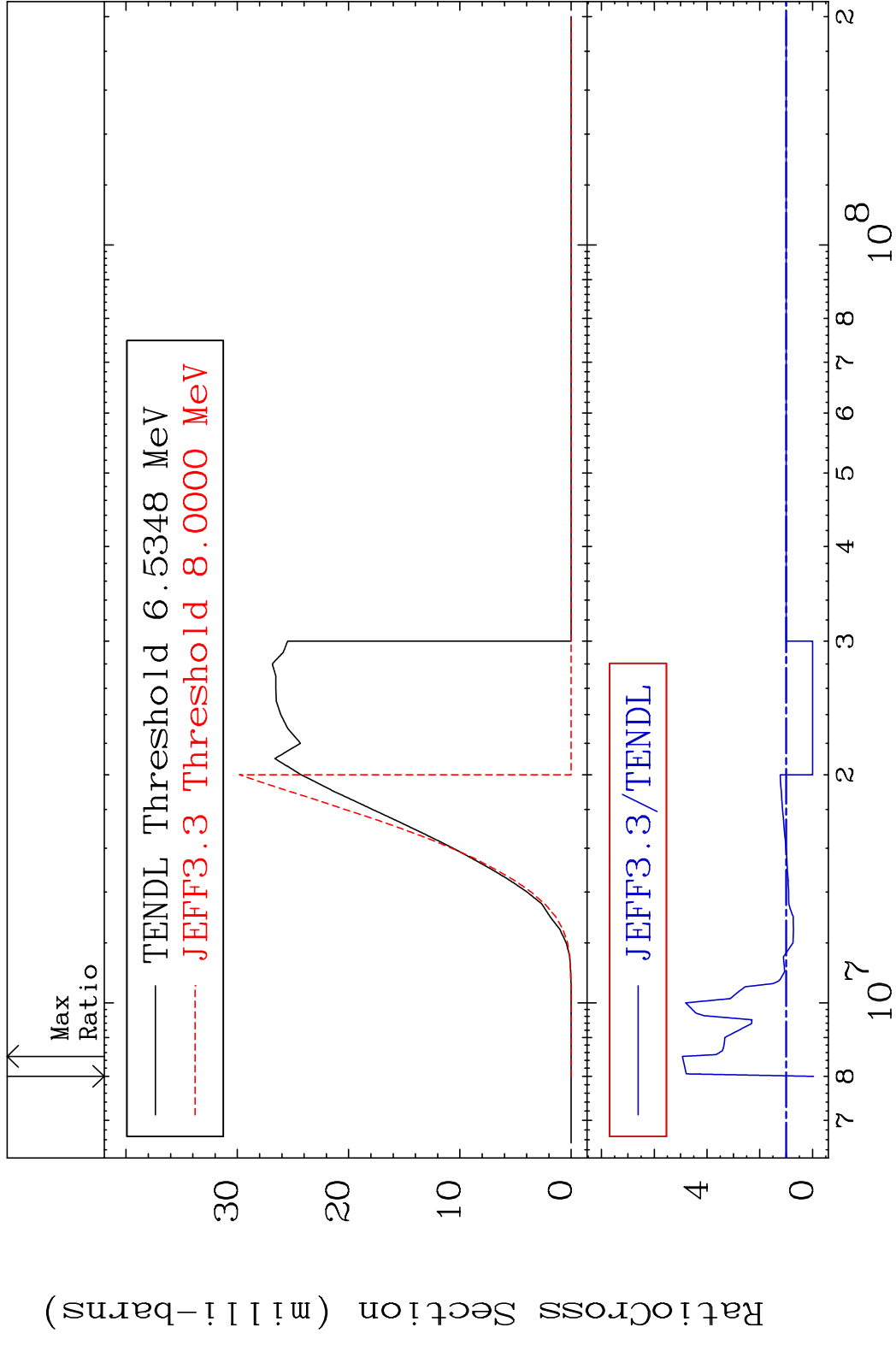
40-Zr-91

MAT 4028 (n,p) 40-Zr-91  
 Cross Section -100.0 To 457.5 %



33 Incident Energy (eV) 40-Zr-91

MAT 4028 (n,d) 40-Zr-91  
 Cross Section -100.0 To 393.4 %



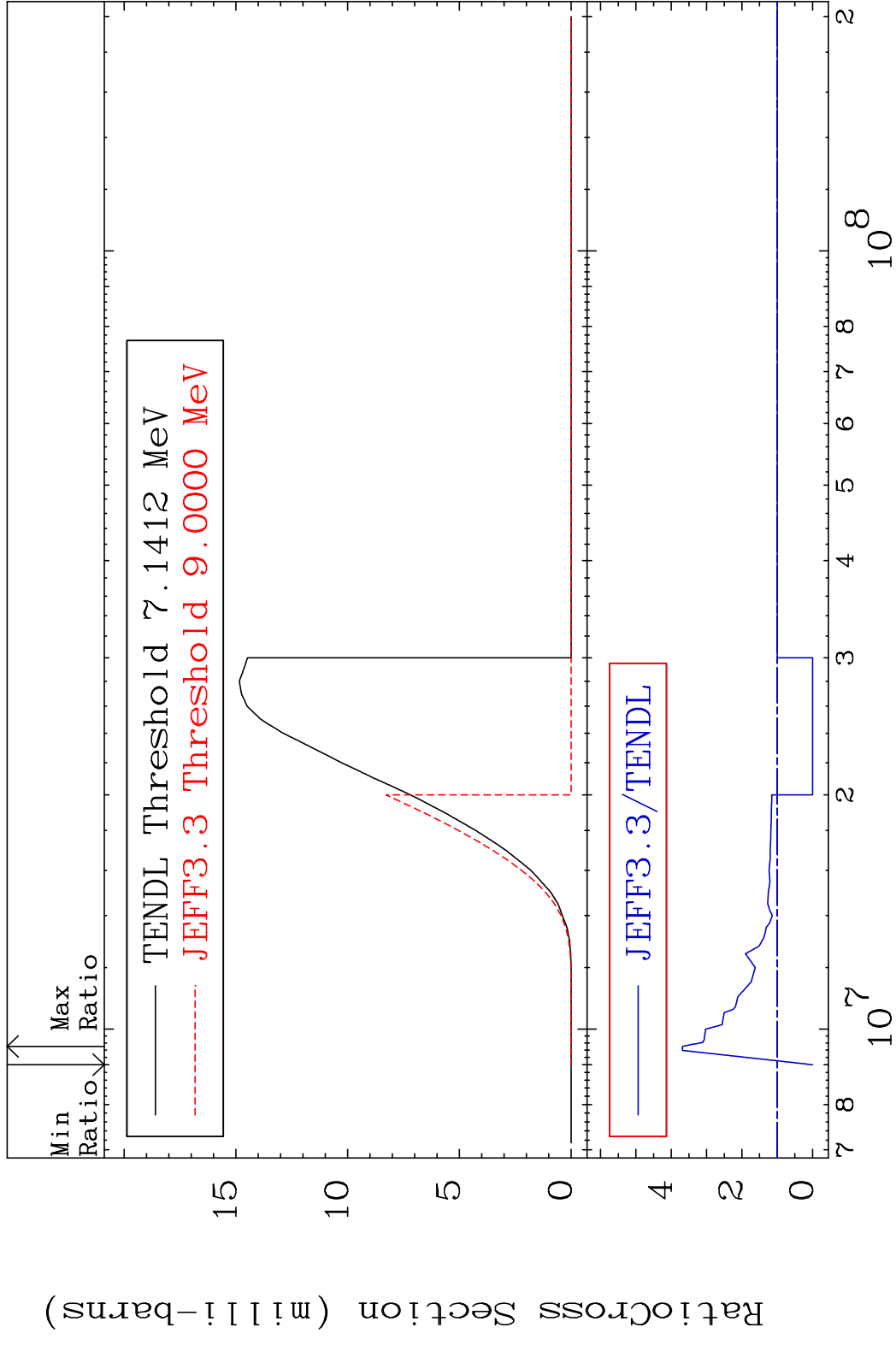
34 40-Zr-91

MAT 4028

(n, t)

40-Zr-91

Cross Section -100.0 To 268.6 %



35

Incident Energy (eV)

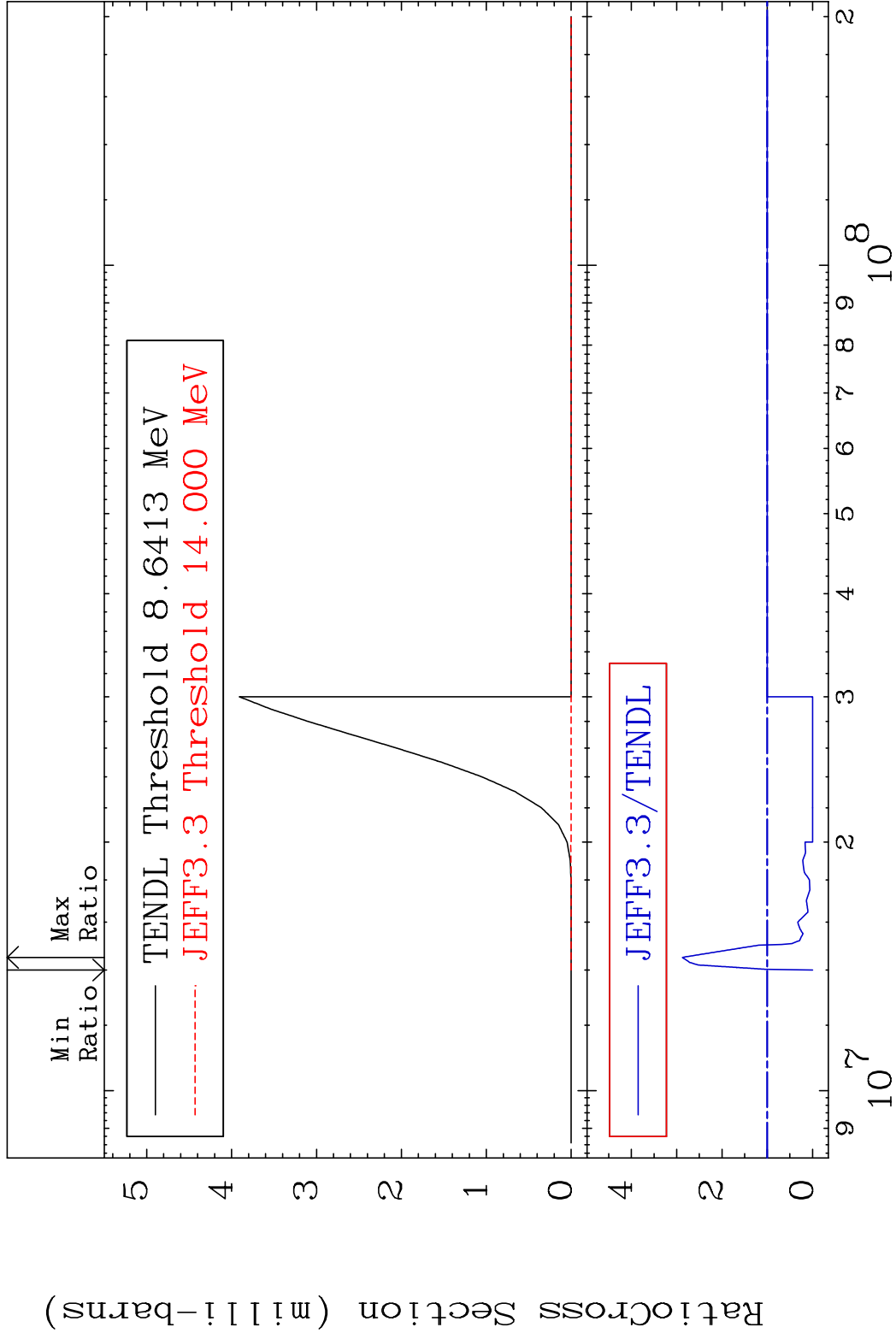
40-Zr-91

MAT 4028

(n, He-3)

40-Zr-91

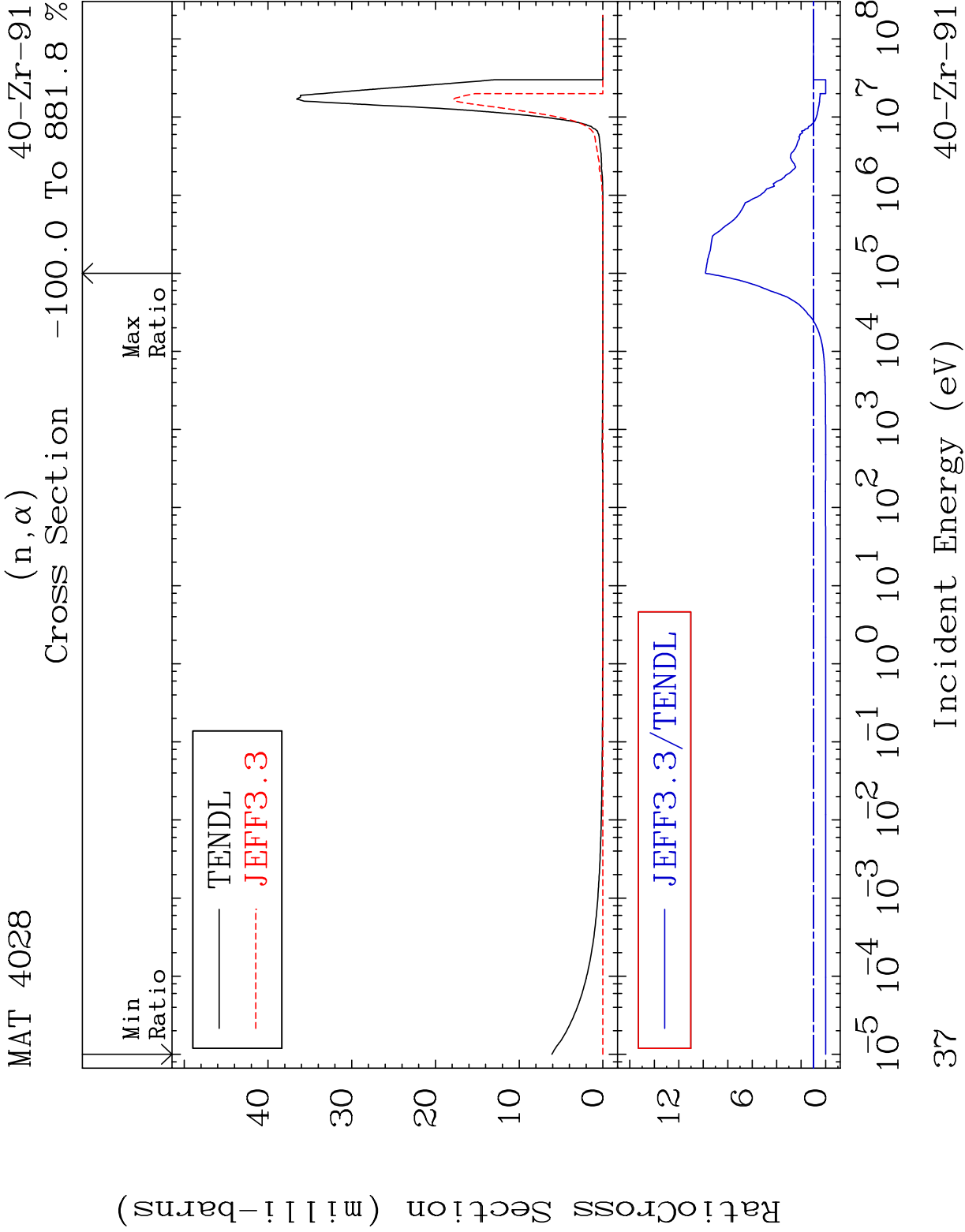
Cross Section -100.0 To 187.4 %



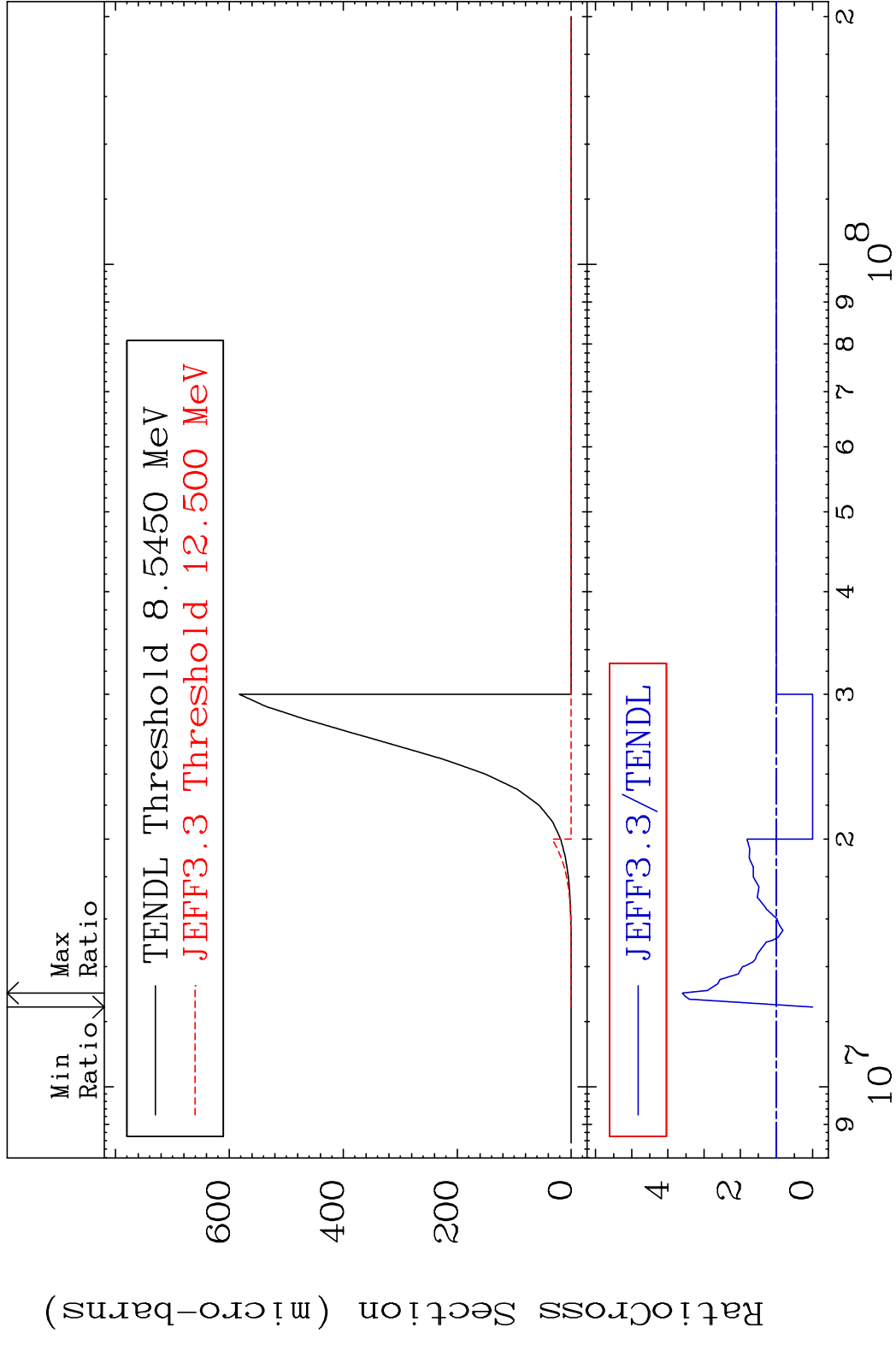
36

Incident Energy (eV)

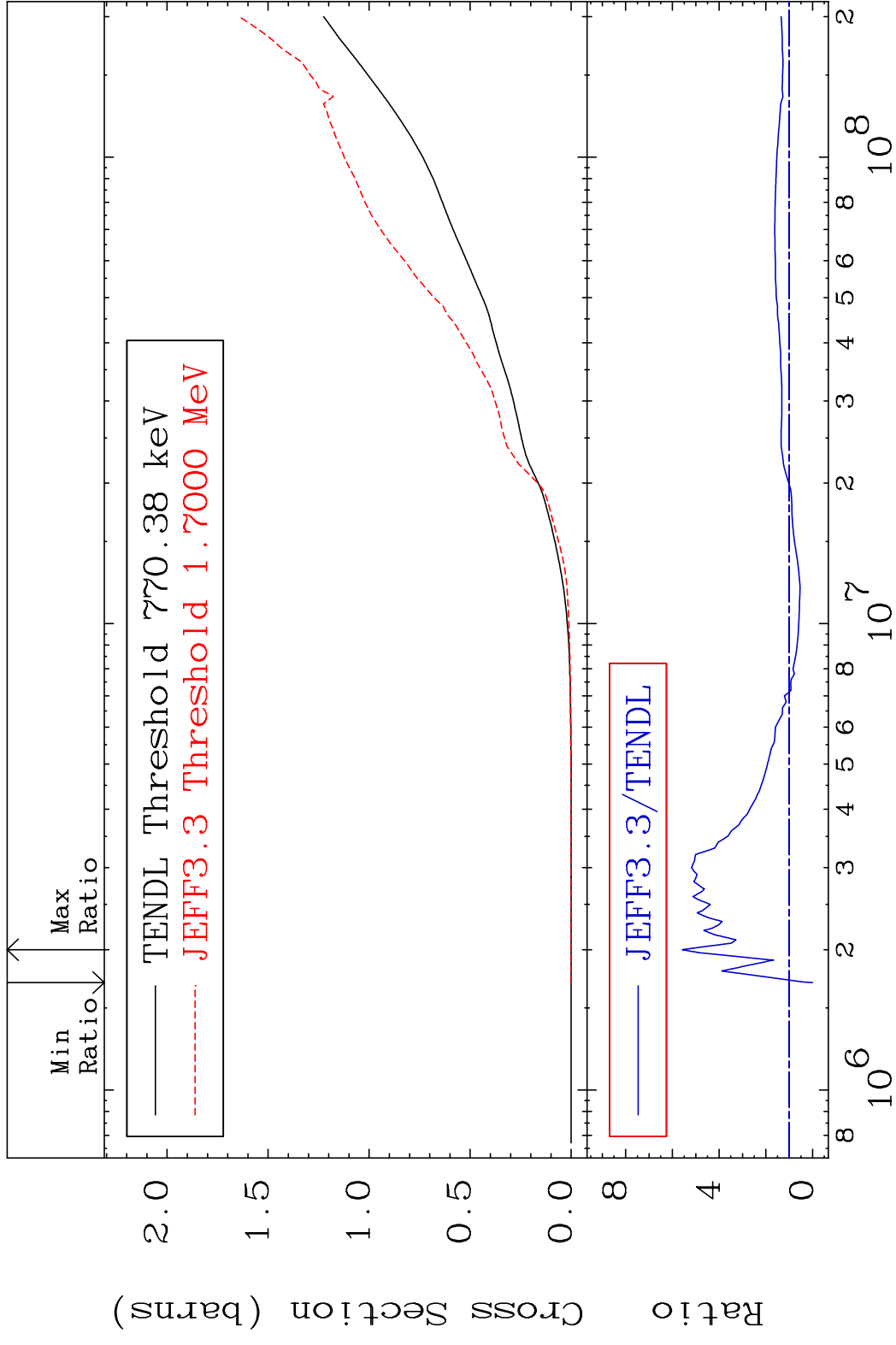
40-Zr-91



MAT 4028 (n,2p) 40-Zr-91  
 Cross Section -100.0 To 260.0 %



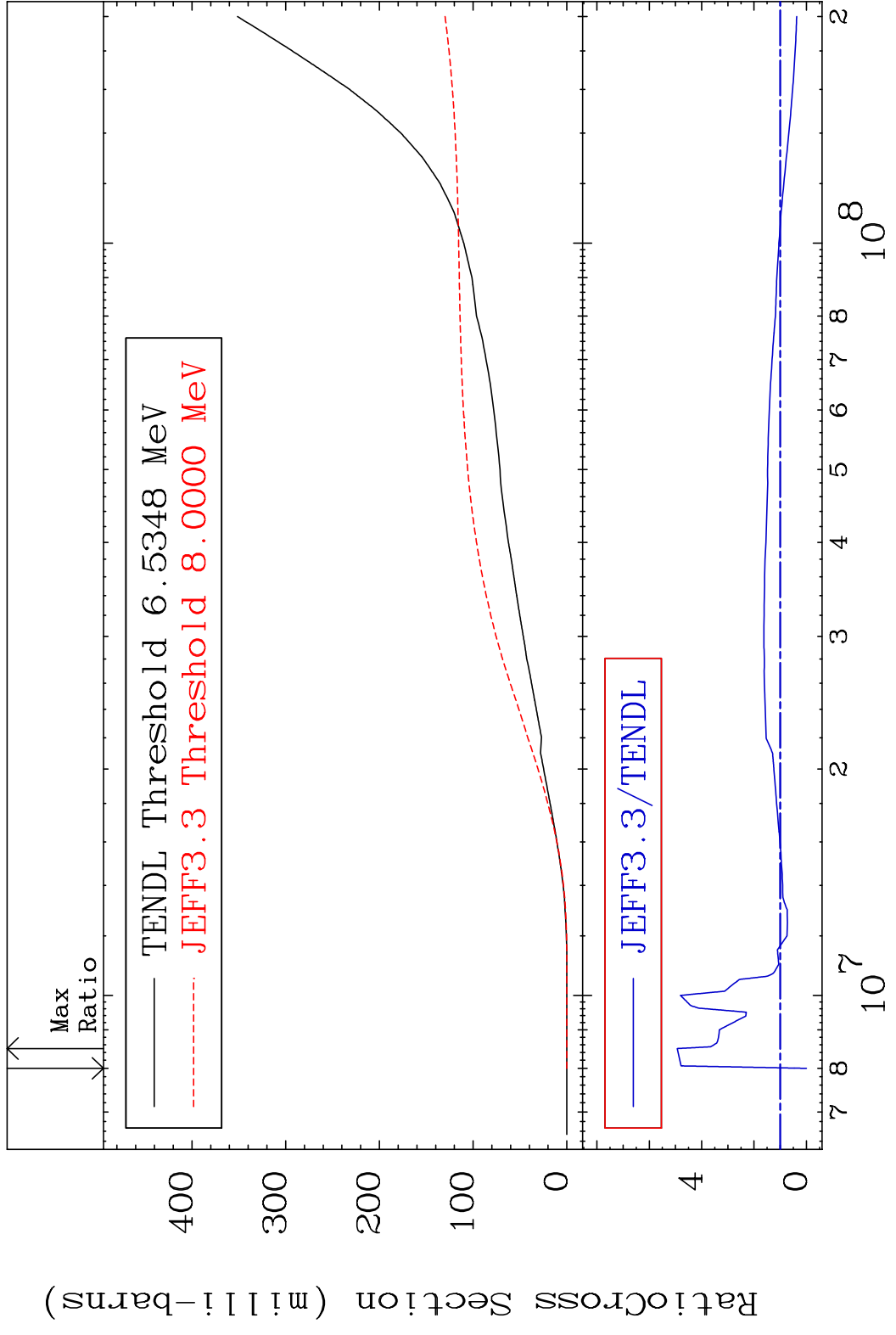
MAT 4028 Hydrogen Production 40-Zr-91  
 Cross Section -100.0 To 457.5 %



39 Incident Energy (eV) 40-Zr-91



MAT 4028 Deuterium Production 40-Zr-91  
 Cross Section -100.0 To 393.4 %

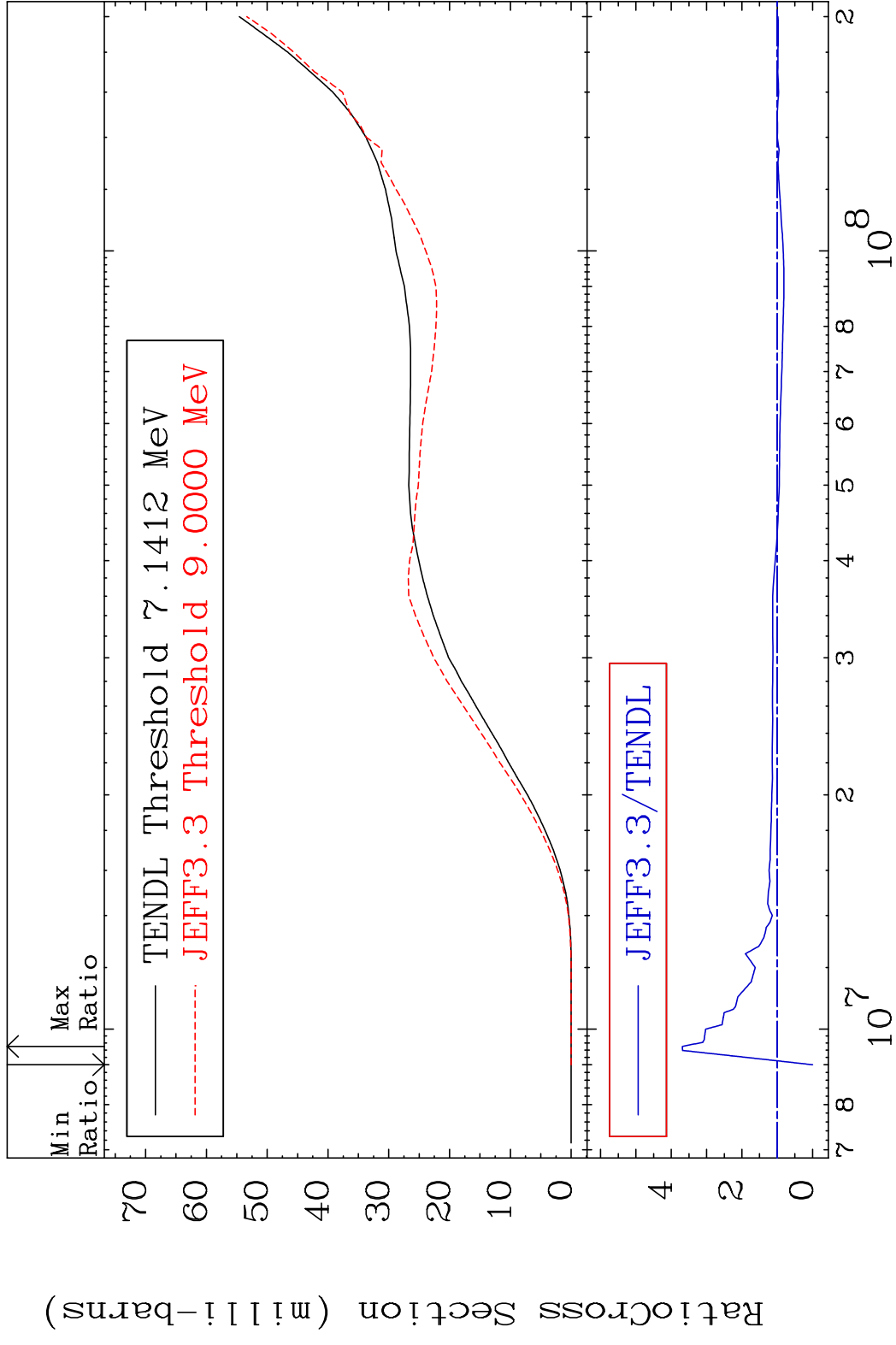


MAT 4028

Tritium Production

40-Zr-91

Cross Section -100.0 To 268.6 %



41

Incident Energy (eV)

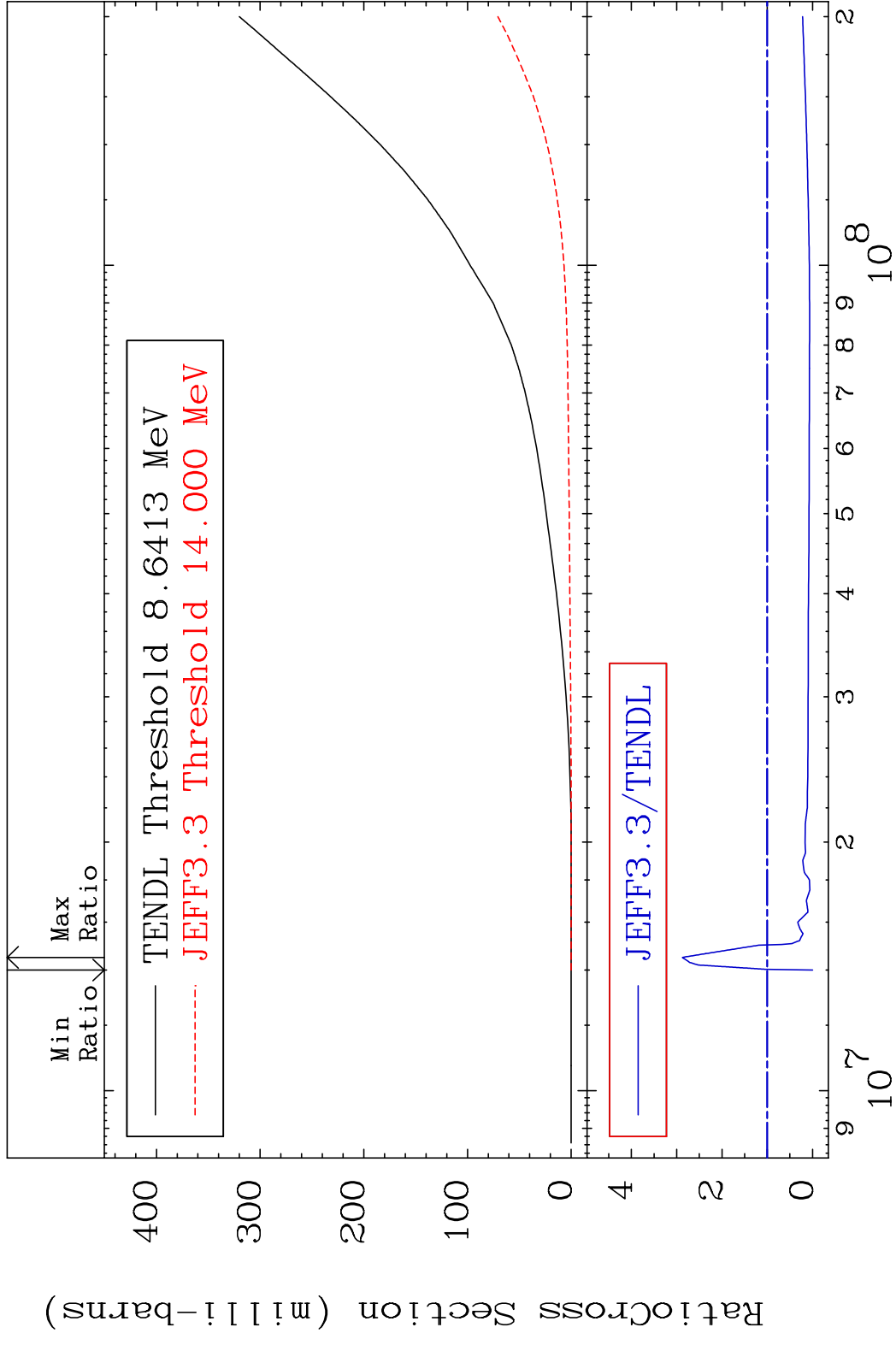
40-Zr-91

MAT 4028

He-3 Production

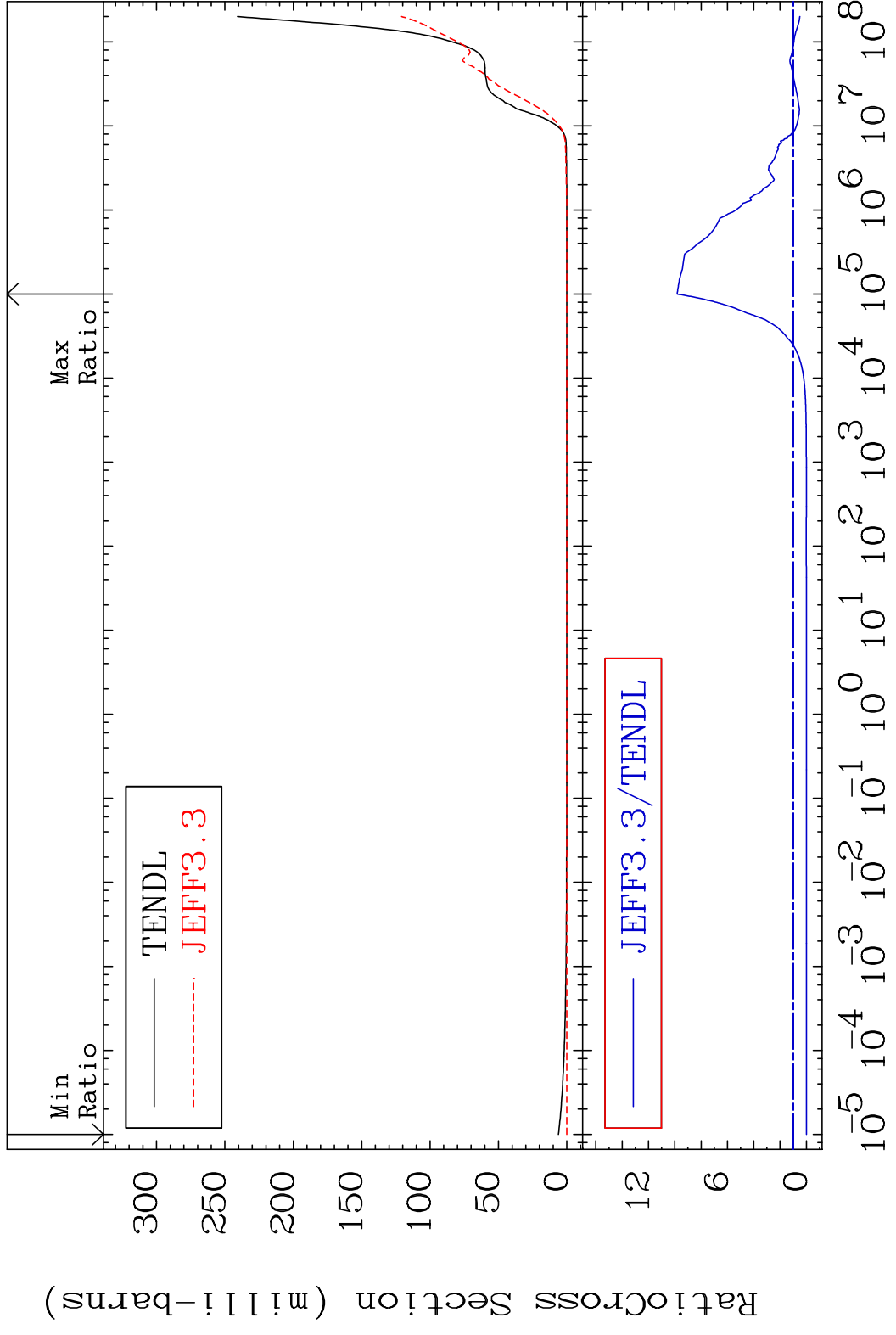
40-Zr-91

Cross Section -100.0 To 187.4 %



42

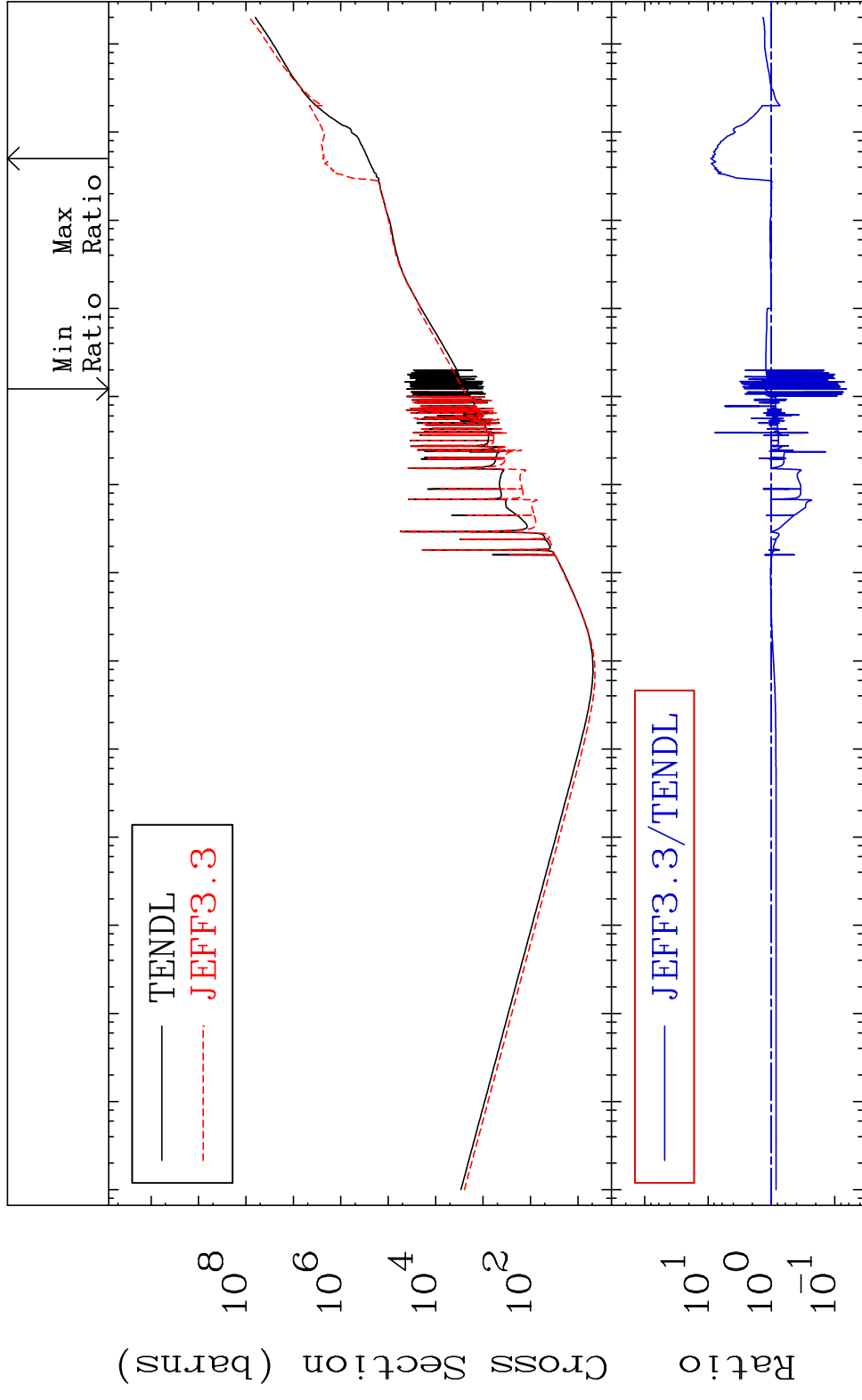
MAT 4028 He-4 Production 40-Zr-91  
 Cross Section -100.0 To 881.8 %



43 Incident Energy (eV) 40-Zr-91

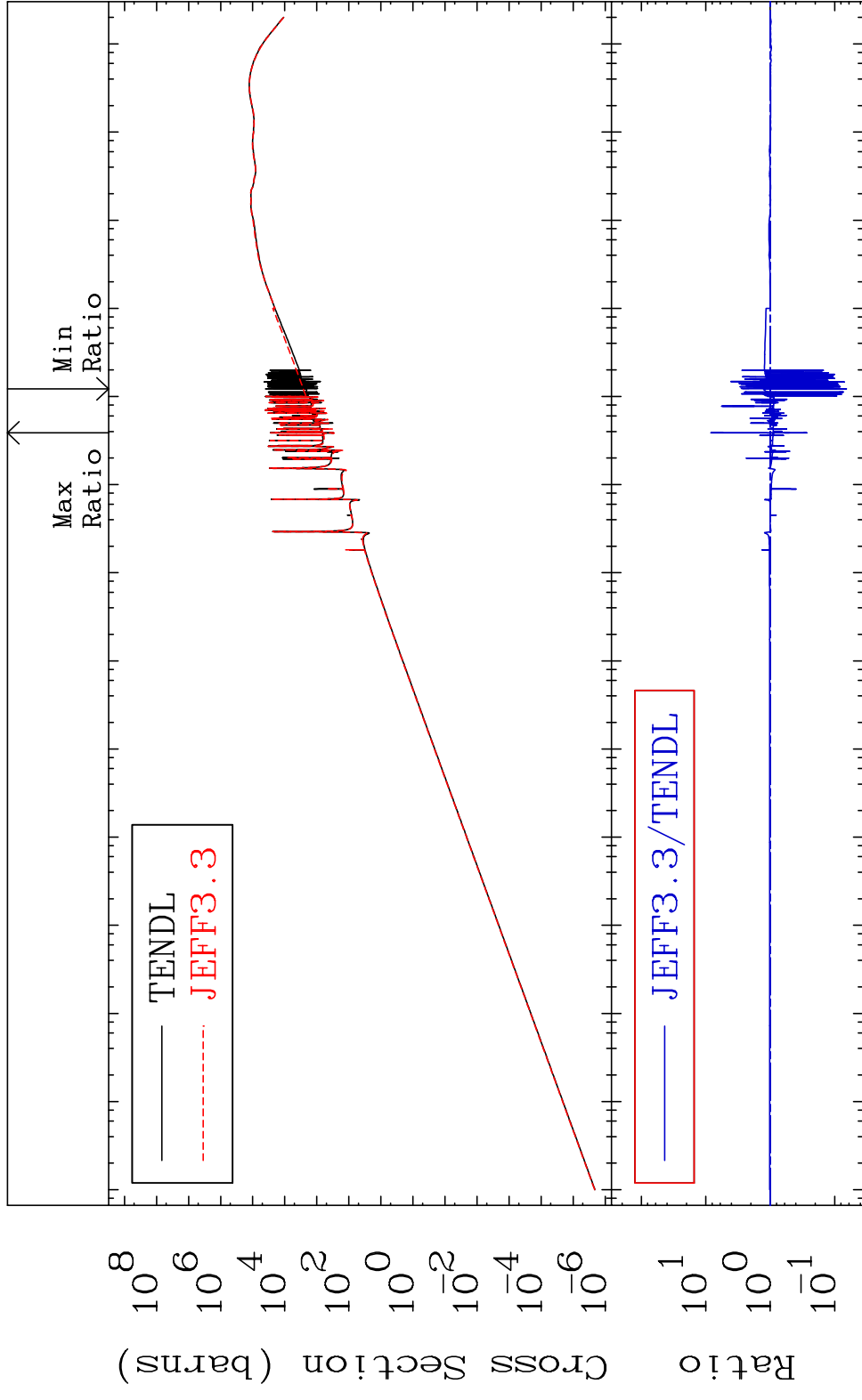
MAT 4028

Kerma total (eV-barns) 40-Zr-91  
Cross Section -93.44 To 807.4 %



MAT 4028

Kerma elastic Cross Section -93.41 To 740.3 %  
40-Zr-91

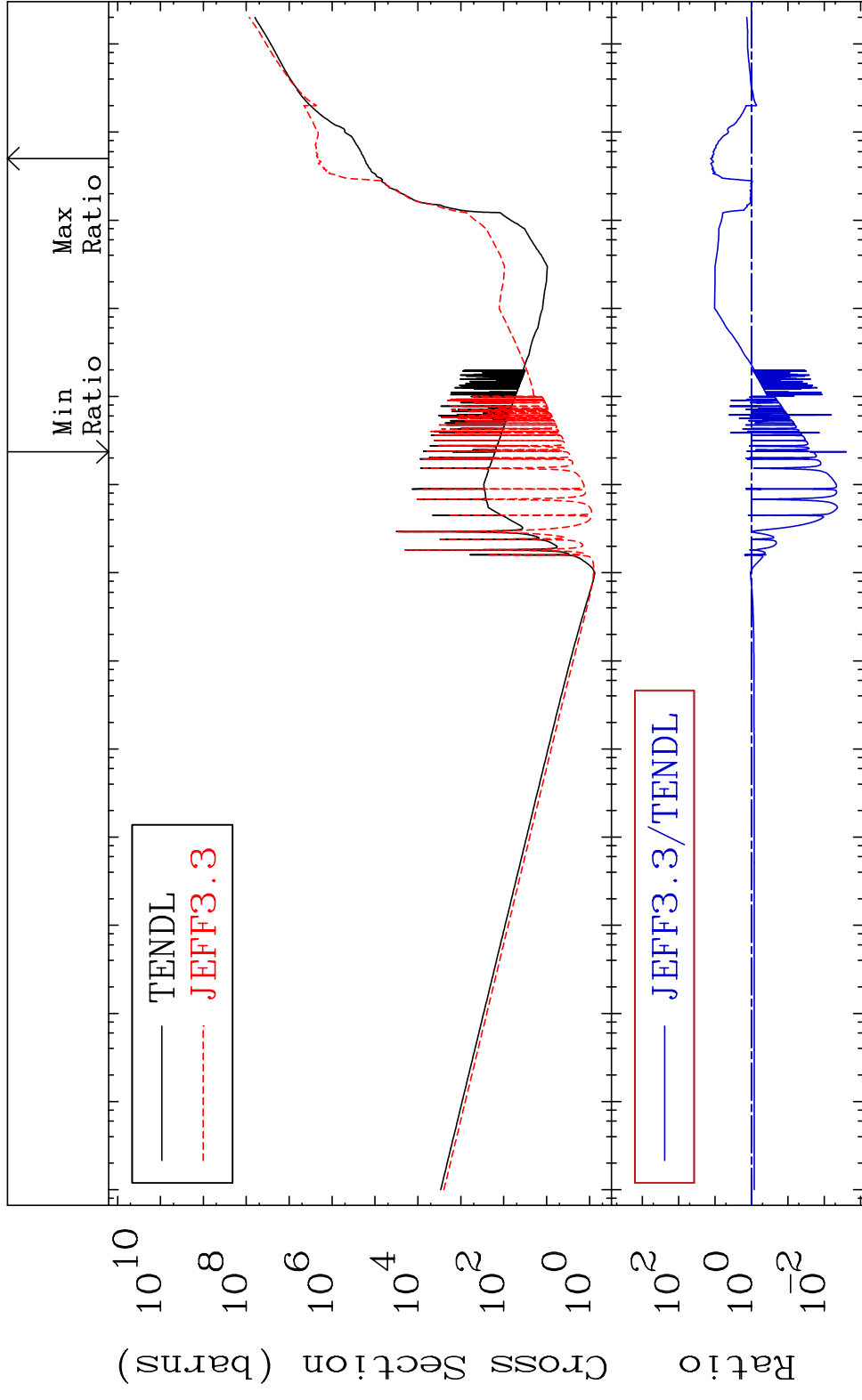


45

Incident Energy (eV)

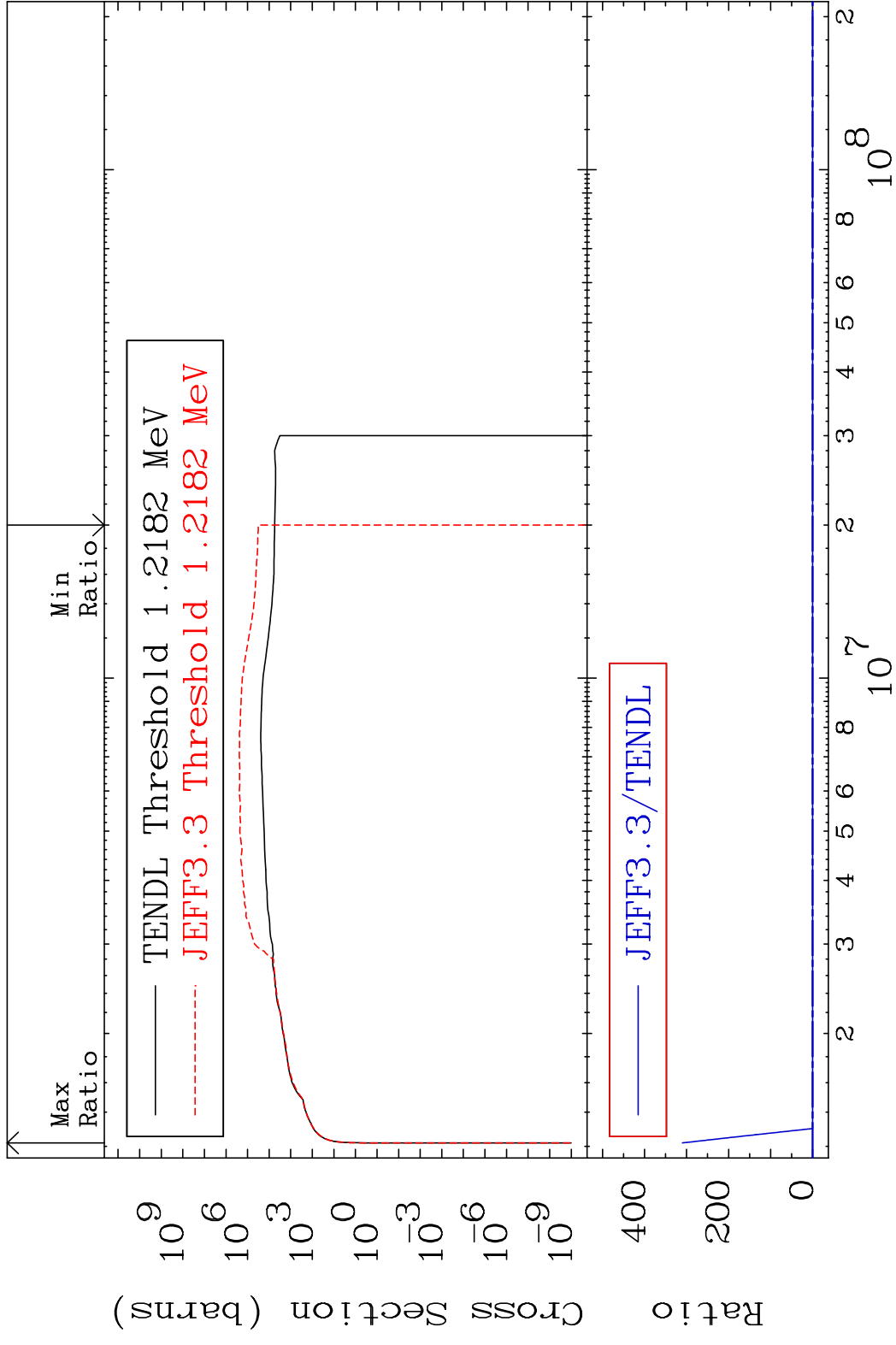
40-Zr-91

MAT 4028 Kerma non-elastic (all but mt2) 40-Zr-91  
 Cross Section -99.75 To 1216. %



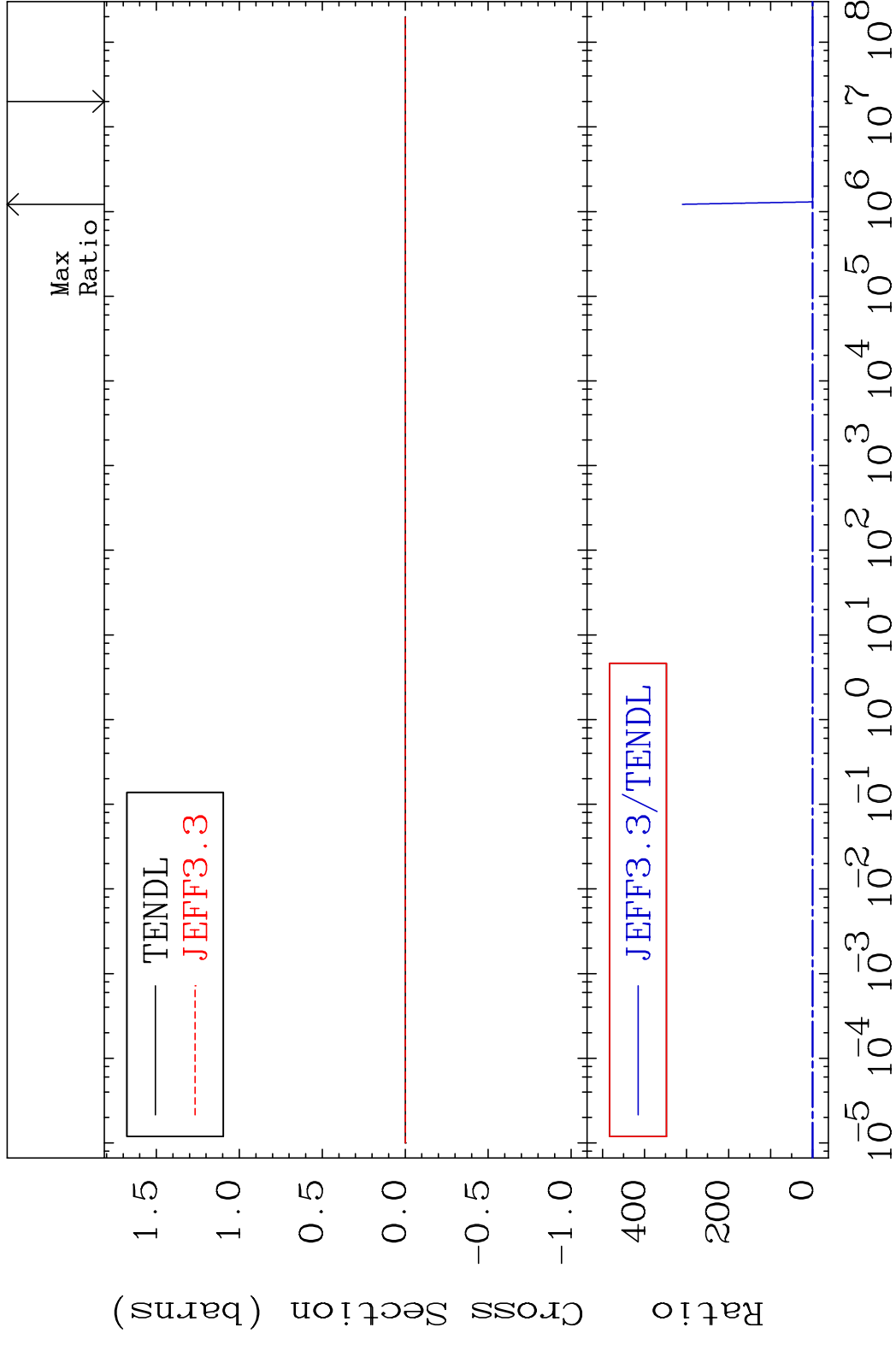
46 Incident Energy (eV) 40-Zr-91

MAT 4028 Kerma inelastic (mt51-91) 40-Zr-91  
 Cross Section -100.0 To 9999. %



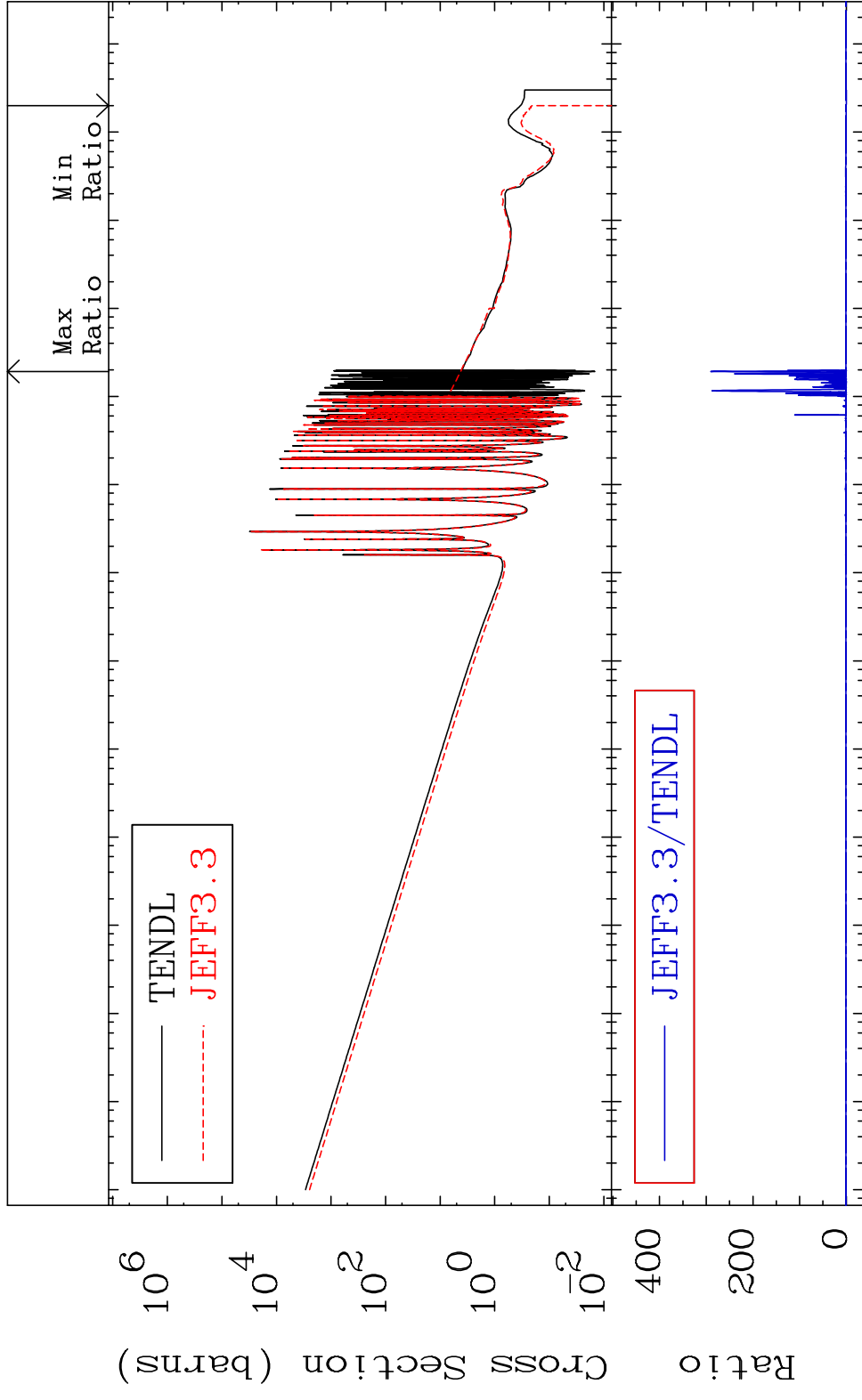


MAT 4028 Kerma fission (mt18 or mt19-20-21-38) 40-Zr-91  
 Cross Section -100.0 To 9999. %



MAT 4028

Kerma capture (mt102) 40-Zr-91  
Cross Section -100.0 To 9999. %

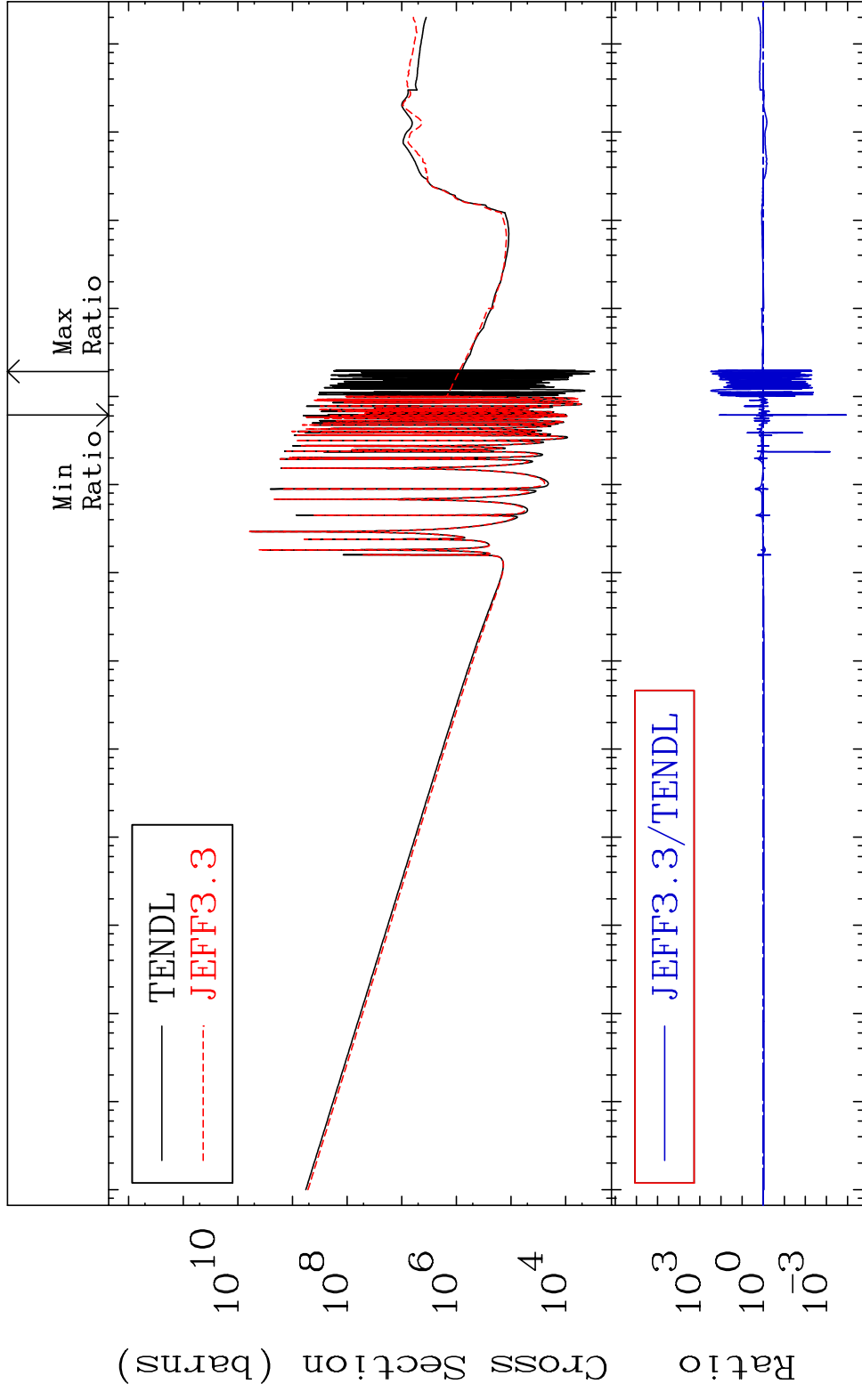


49

Incident Energy (eV)

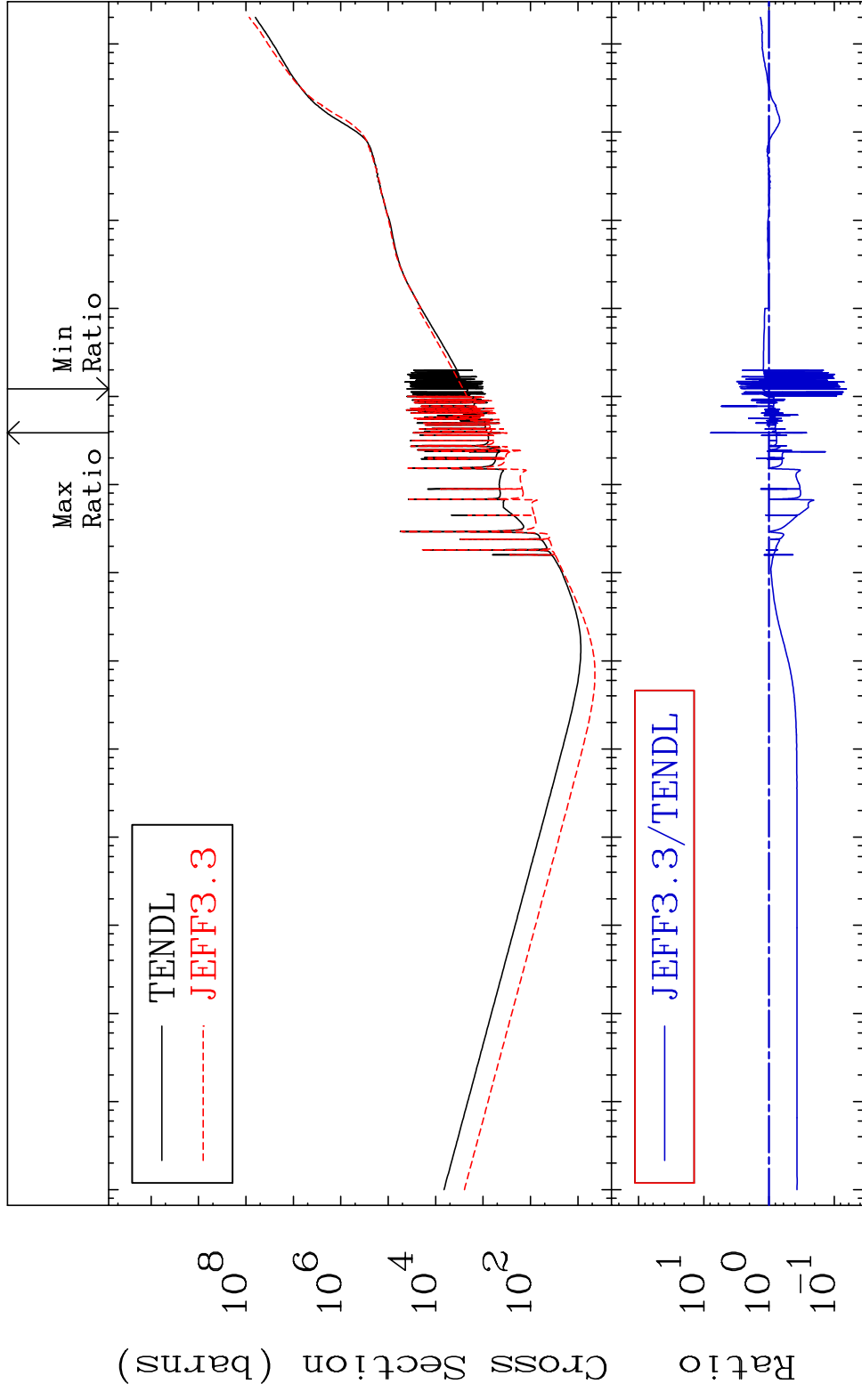
40-Zr-91

MAT 4028 Total photon (eV-barns) 40-Zr-91  
 Cross Section -99.99 To 9999. %

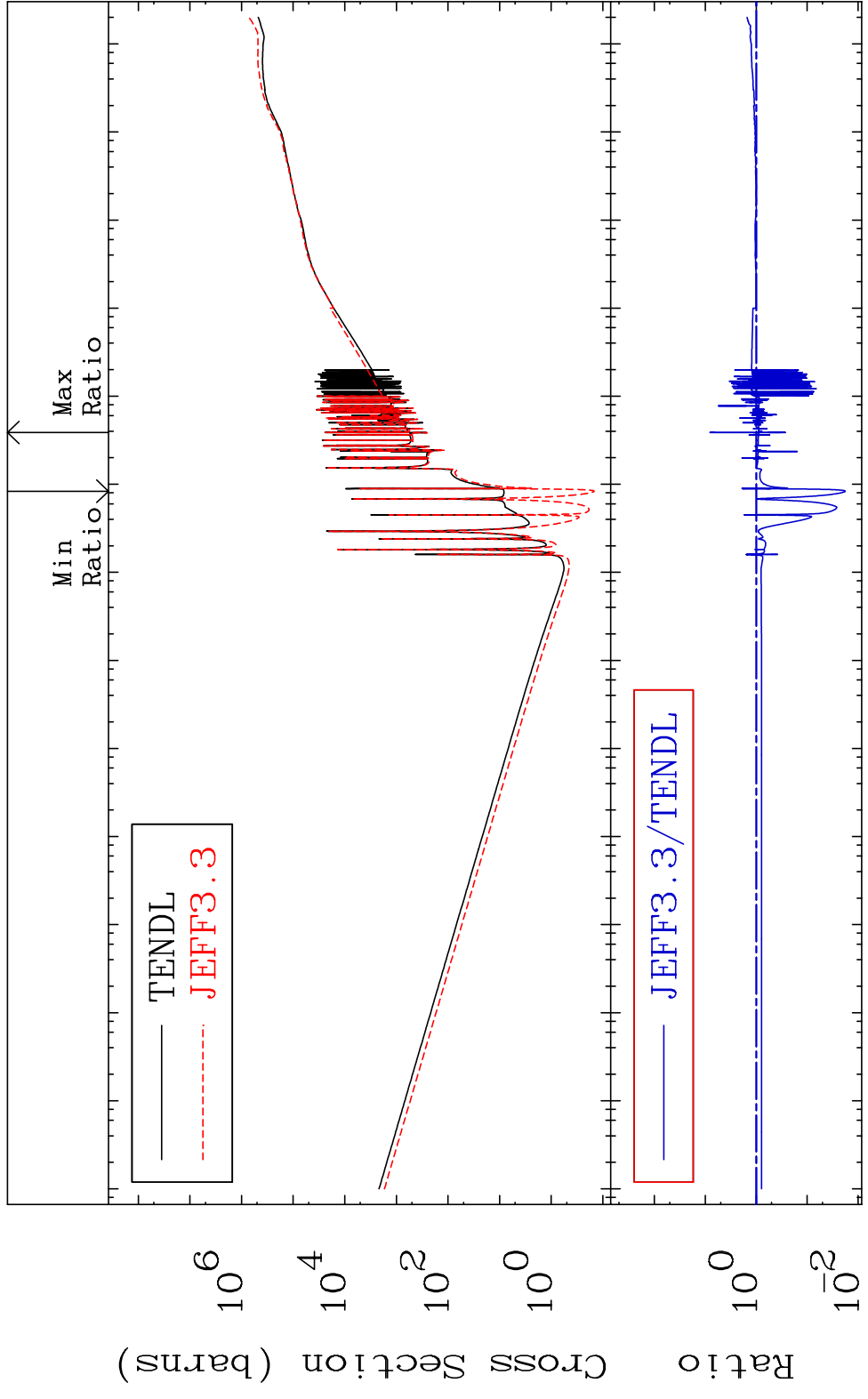


50 Incident Energy (eV) 40-Zr-91

MAT 4028 Total kinematic kerma (high limit) 40-Zr-91  
 Cross Section -93.48 To 683.0 %



MAT 4028      Dpa total (eV-barns)      40-Zr-91  
 Cross Section      -98.22 To 716.9 %



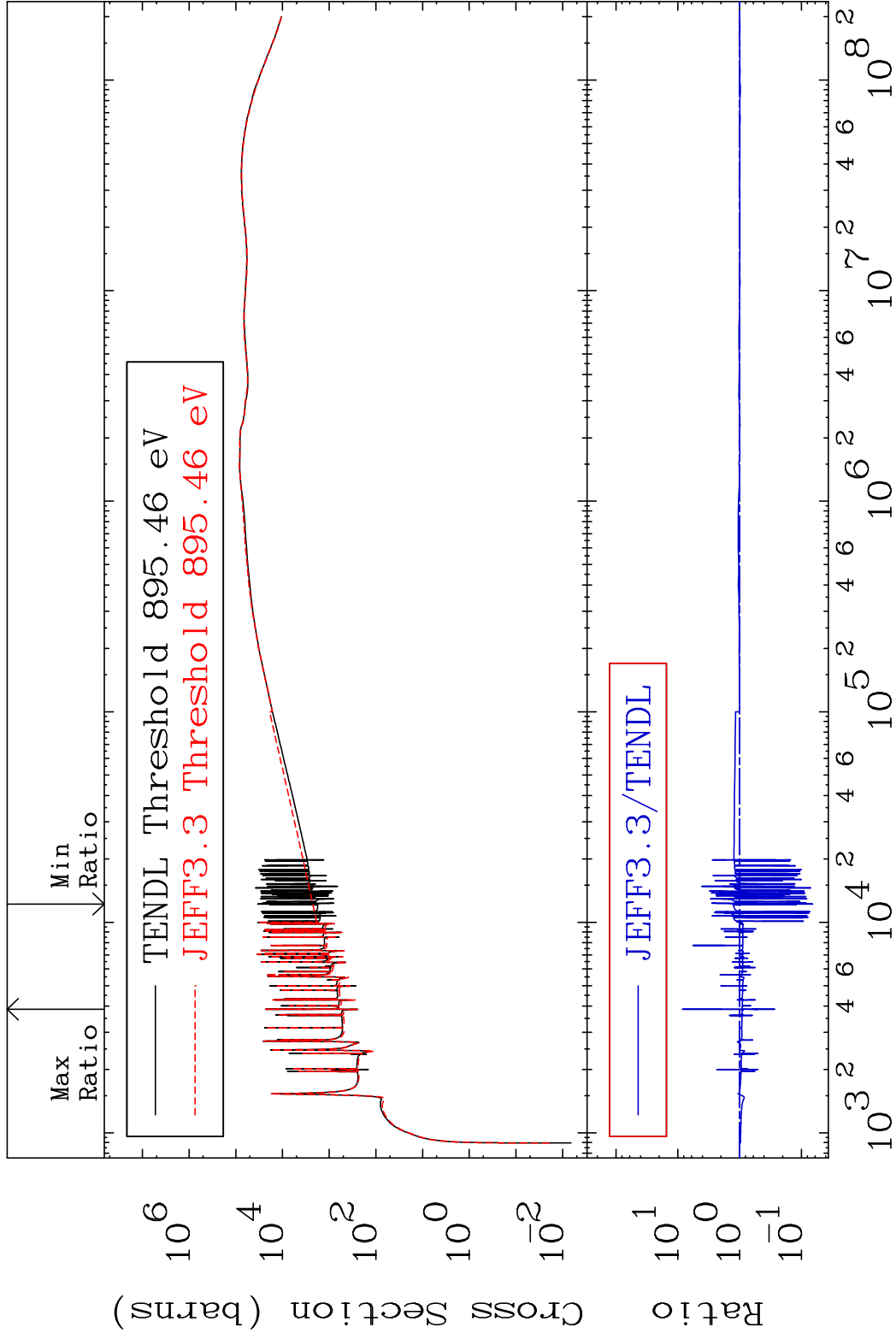
52      Incident Energy (eV)      40-Zr-91

MAT 4028

Dpa elastic (mt2)

40-Zr-91

Cross Section -93.41 To 742.5 %

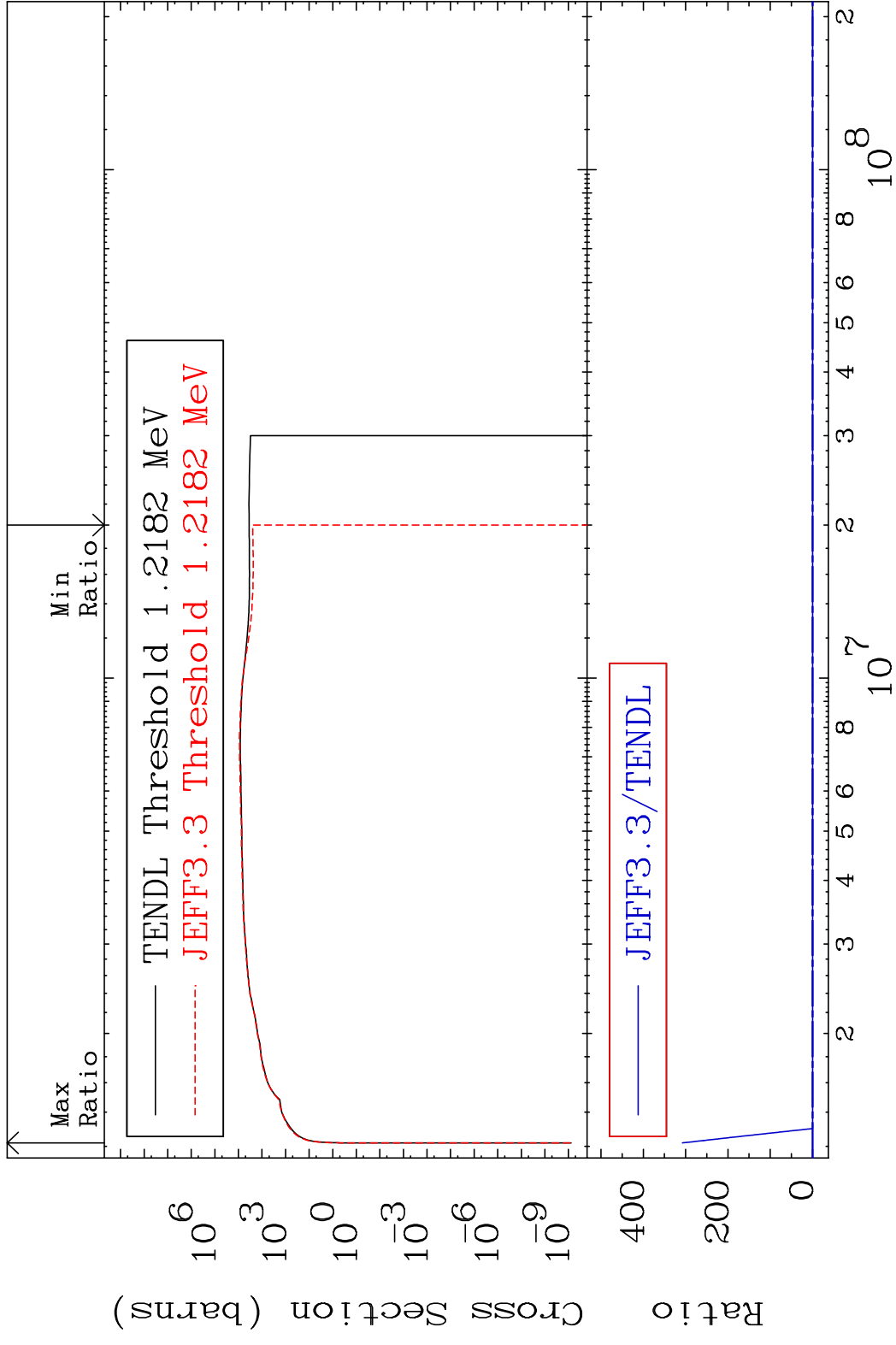


53

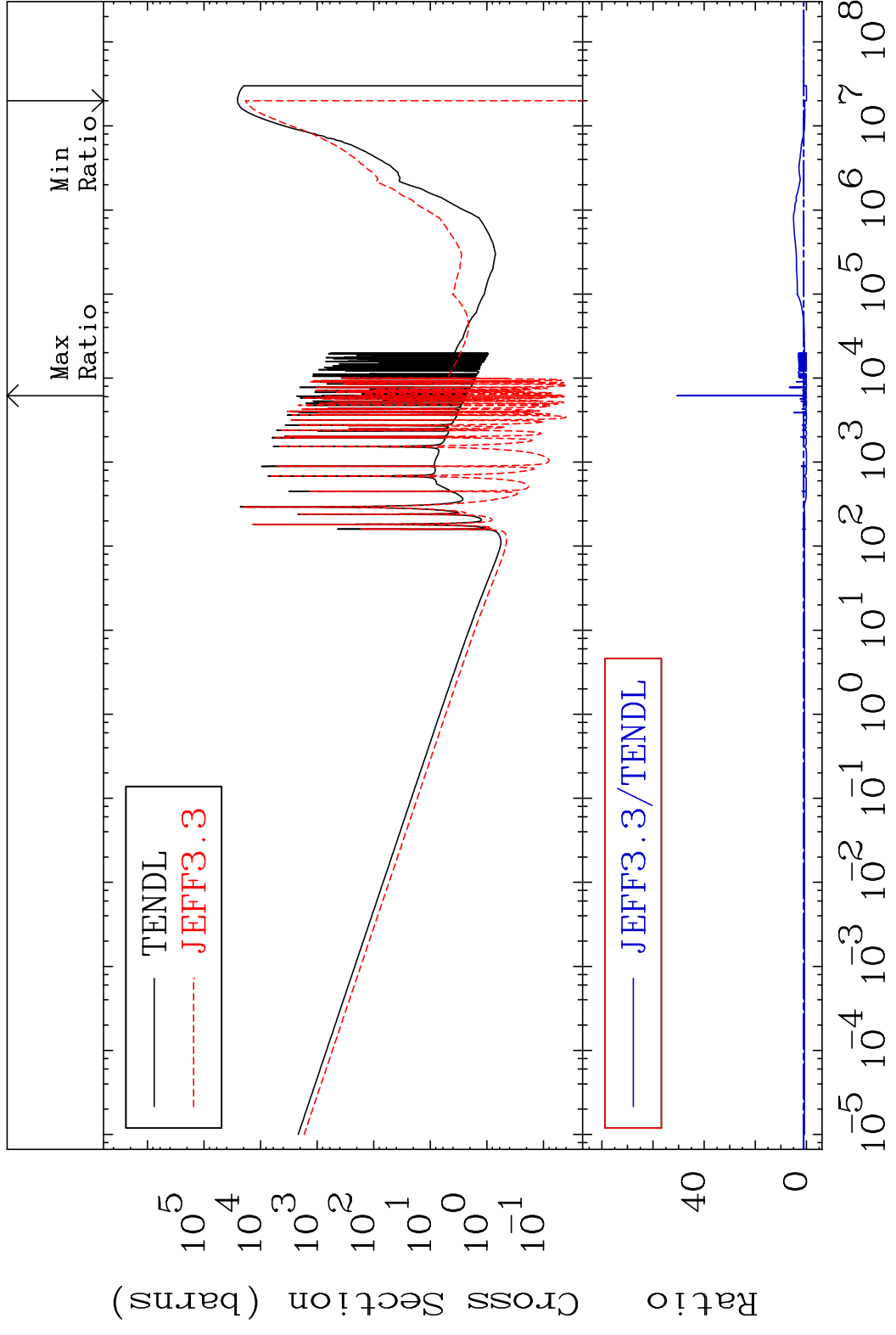
Incident Energy (eV)

40-Zr-91

MAT 4028 Dpa inelastic (mt51-91) 40-Zr-91  
 Cross Section -100.0 To 9999. %



MAT 4028 Dpa disappearance (mt102 -120) 40-Zr-91  
 Cross Section -100.0 To 4956. %



55 Incident Energy (eV) 40-Zr-91