

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

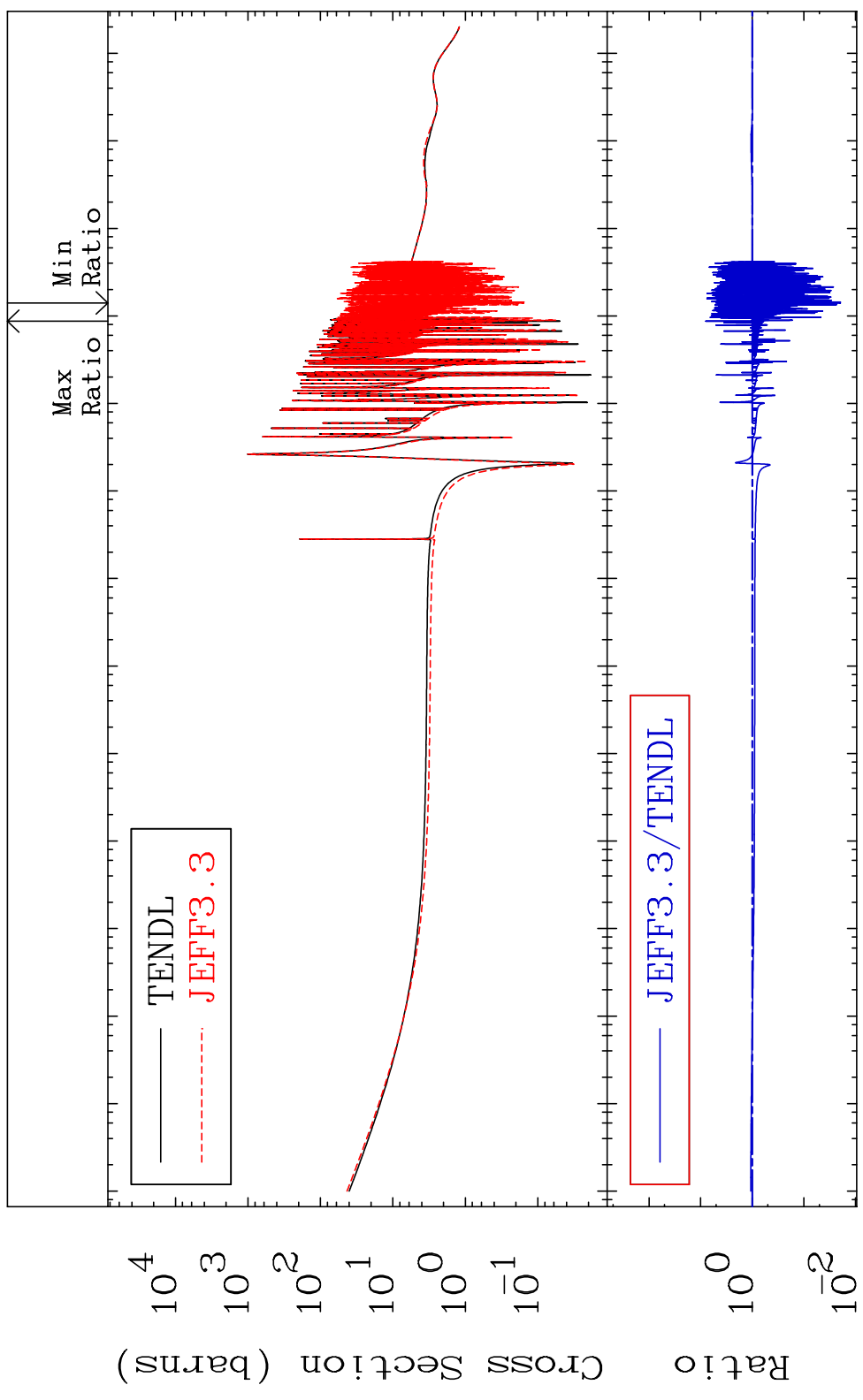
MAT 3025

Total

30-Zn-64

Cross Section

-98.03 To 698.5 %



1

Incident Energy (eV)

30-Zn-64

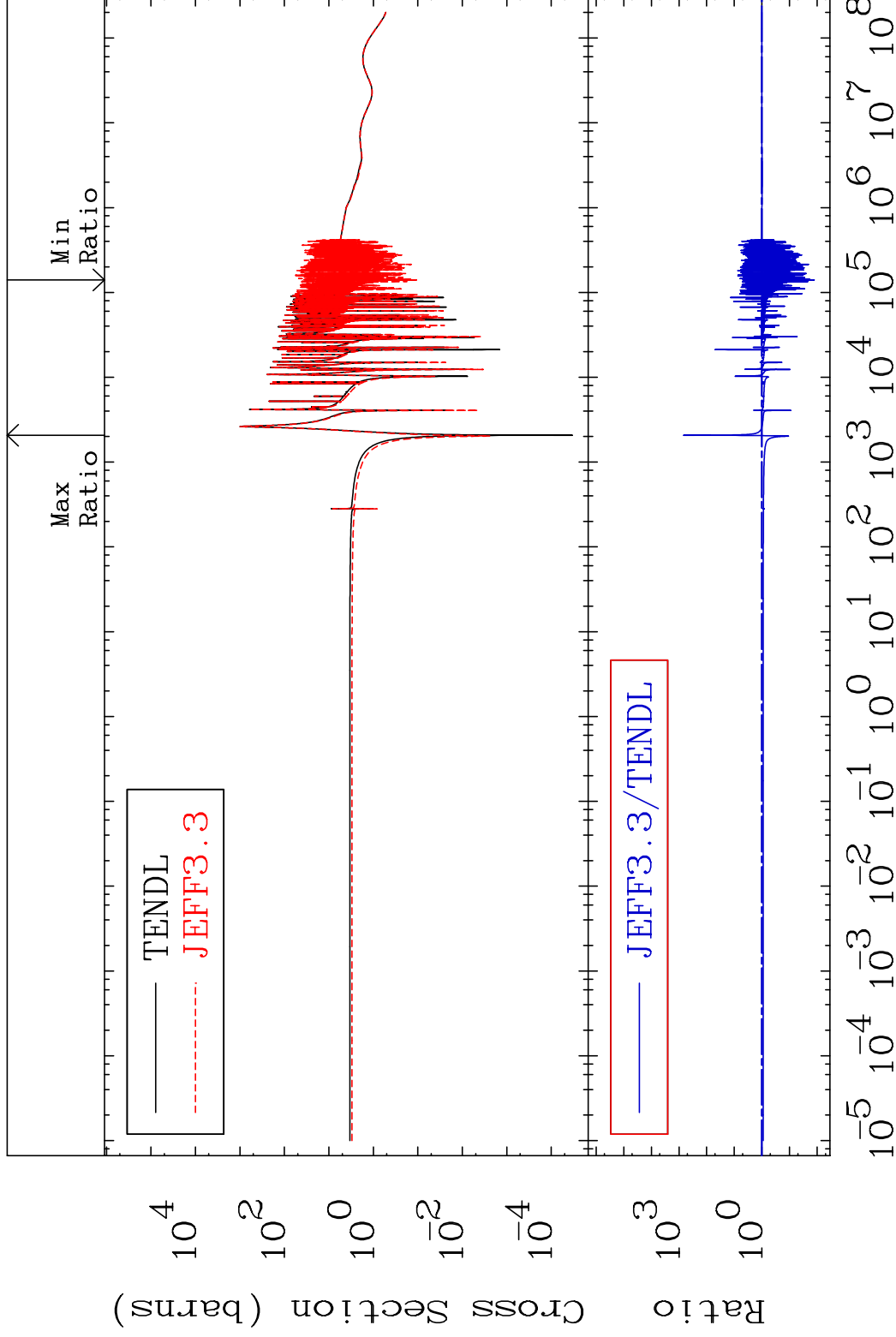
MAT 3025

Elastic

30-Zn-64

Cross Section

-98.71 To 9999. %

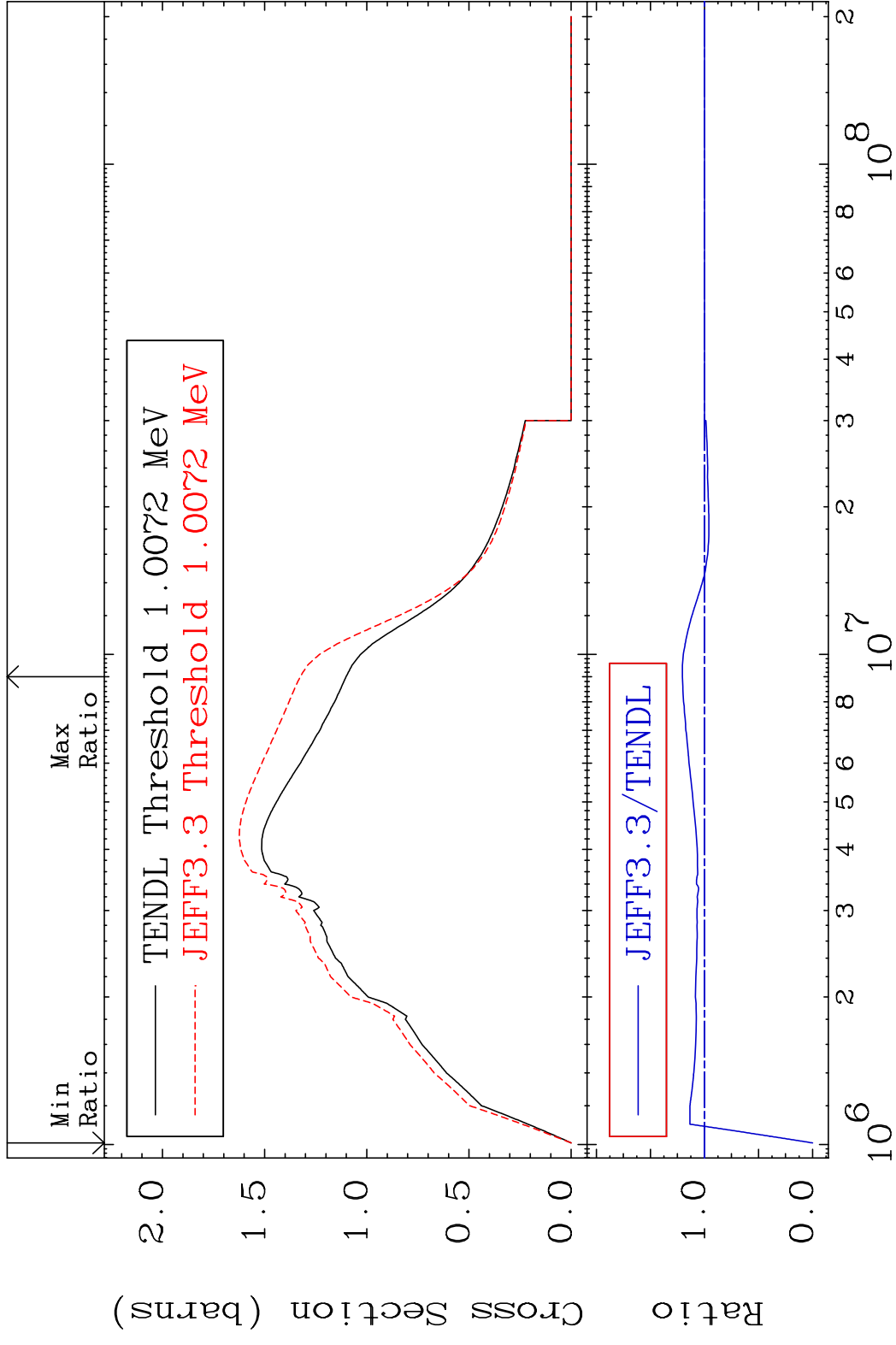


2

Incident Energy (eV)

30-Zn-64

MAT 3025 Inelastic 30-Zn-64  
Cross Section -100.0 To 20.42 %



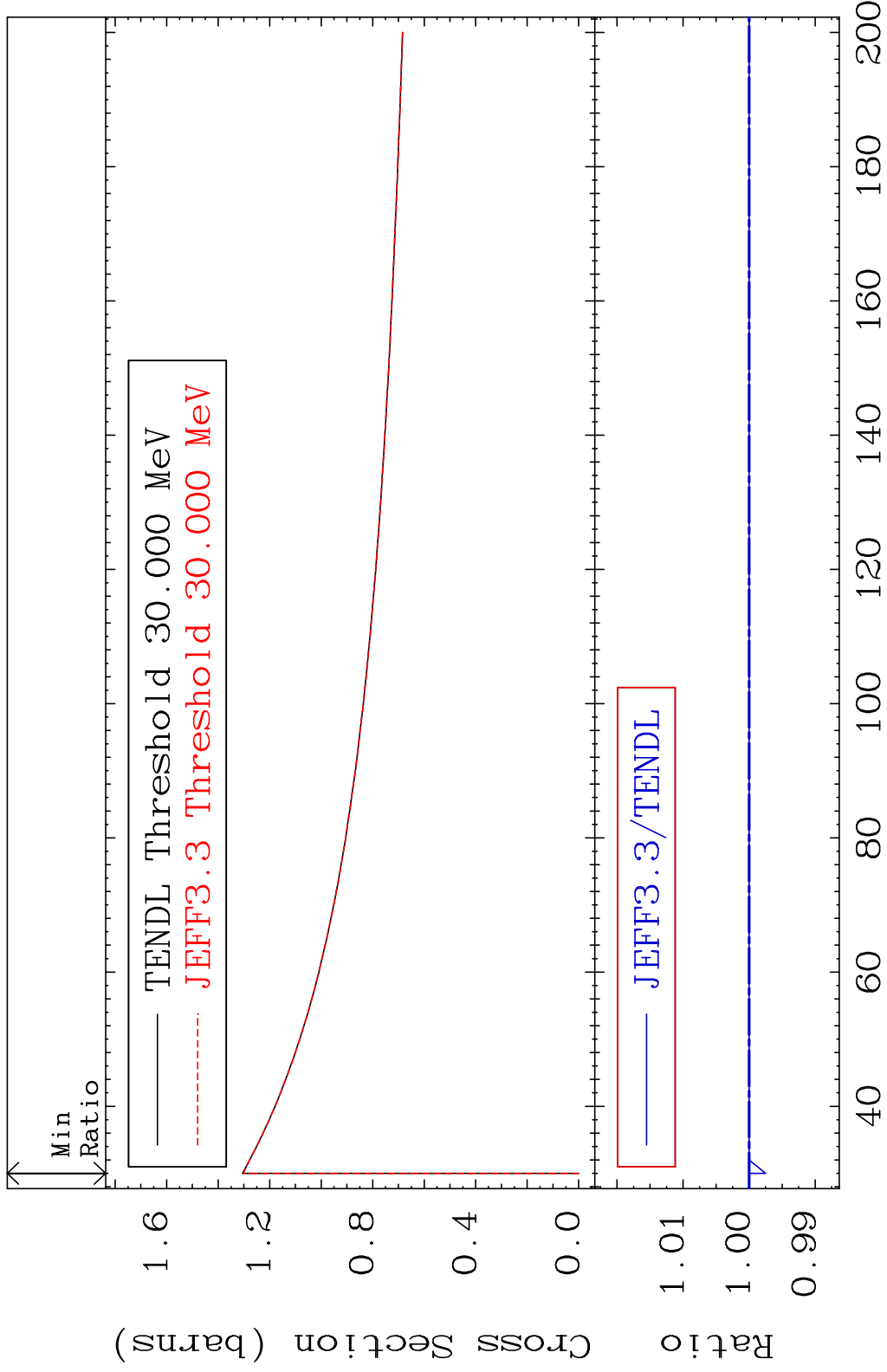
3 Incident Energy (eV) 30-Zn-64

MAT 3025

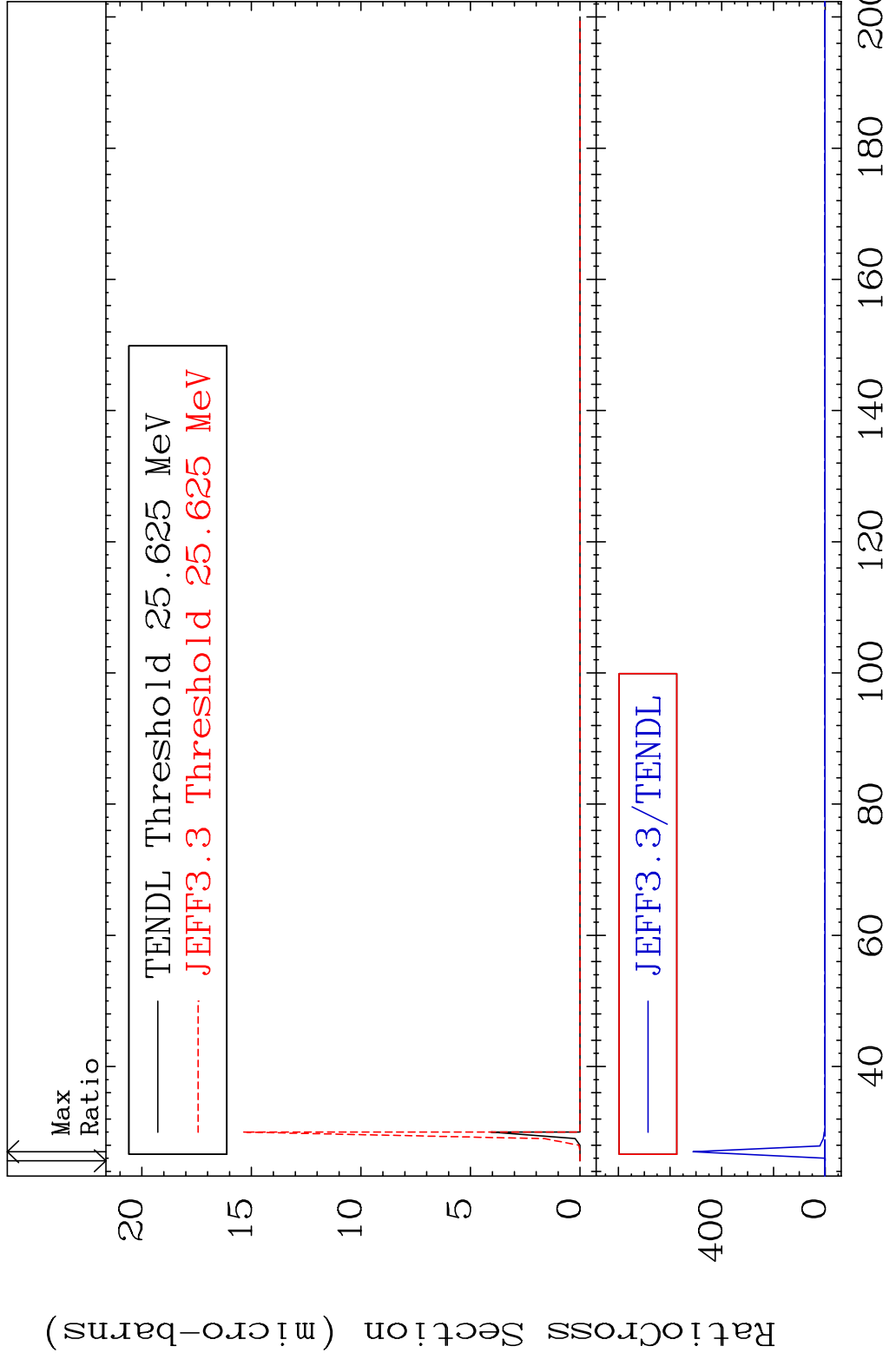
(n, remainder)

30-Zn-64

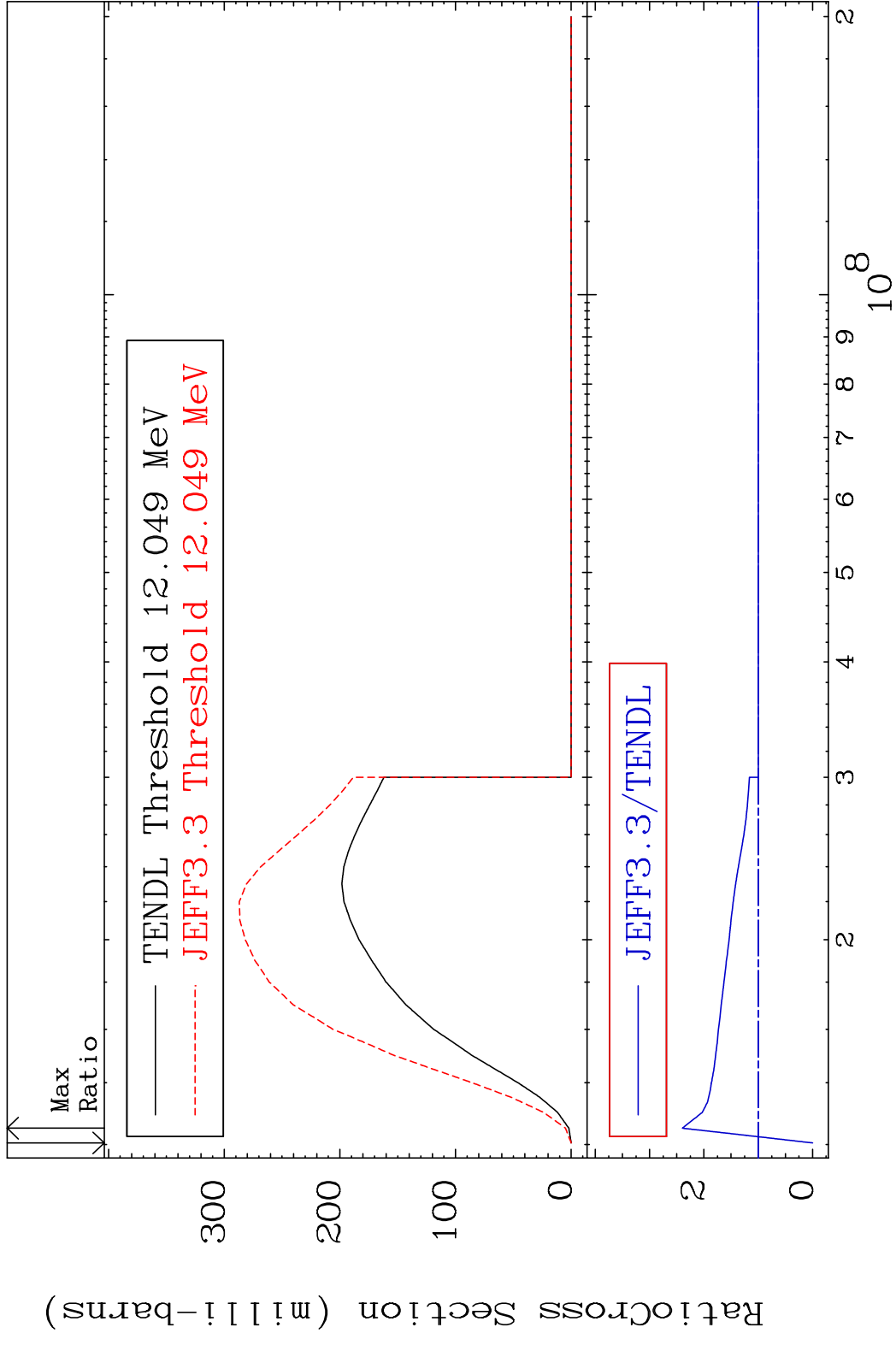
Cross Section -0.247 To 0.000 %



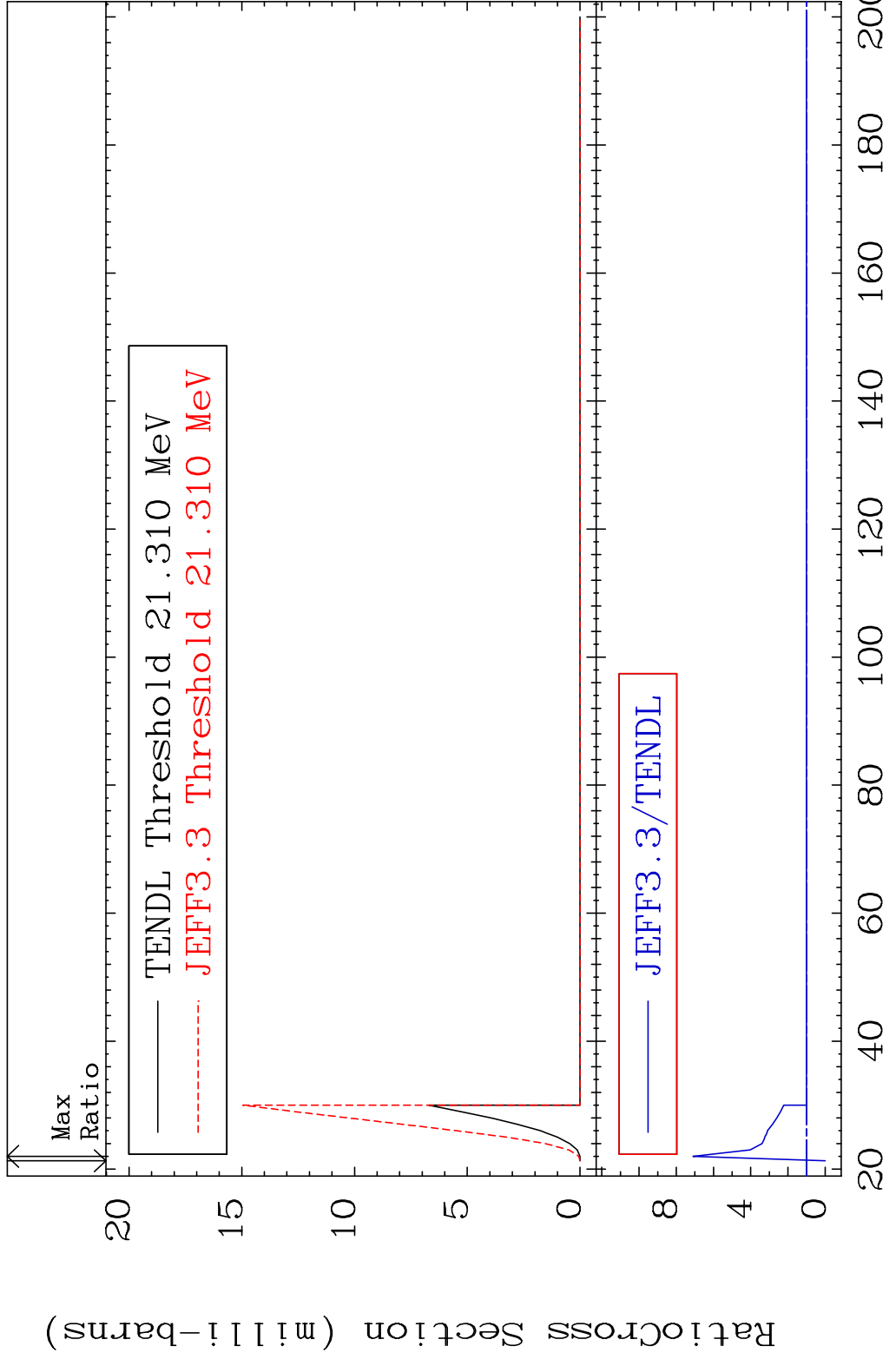
MAT 3025 (n,2n) d 30-Zn-64  
 Cross Section -100.0 To 9999. %



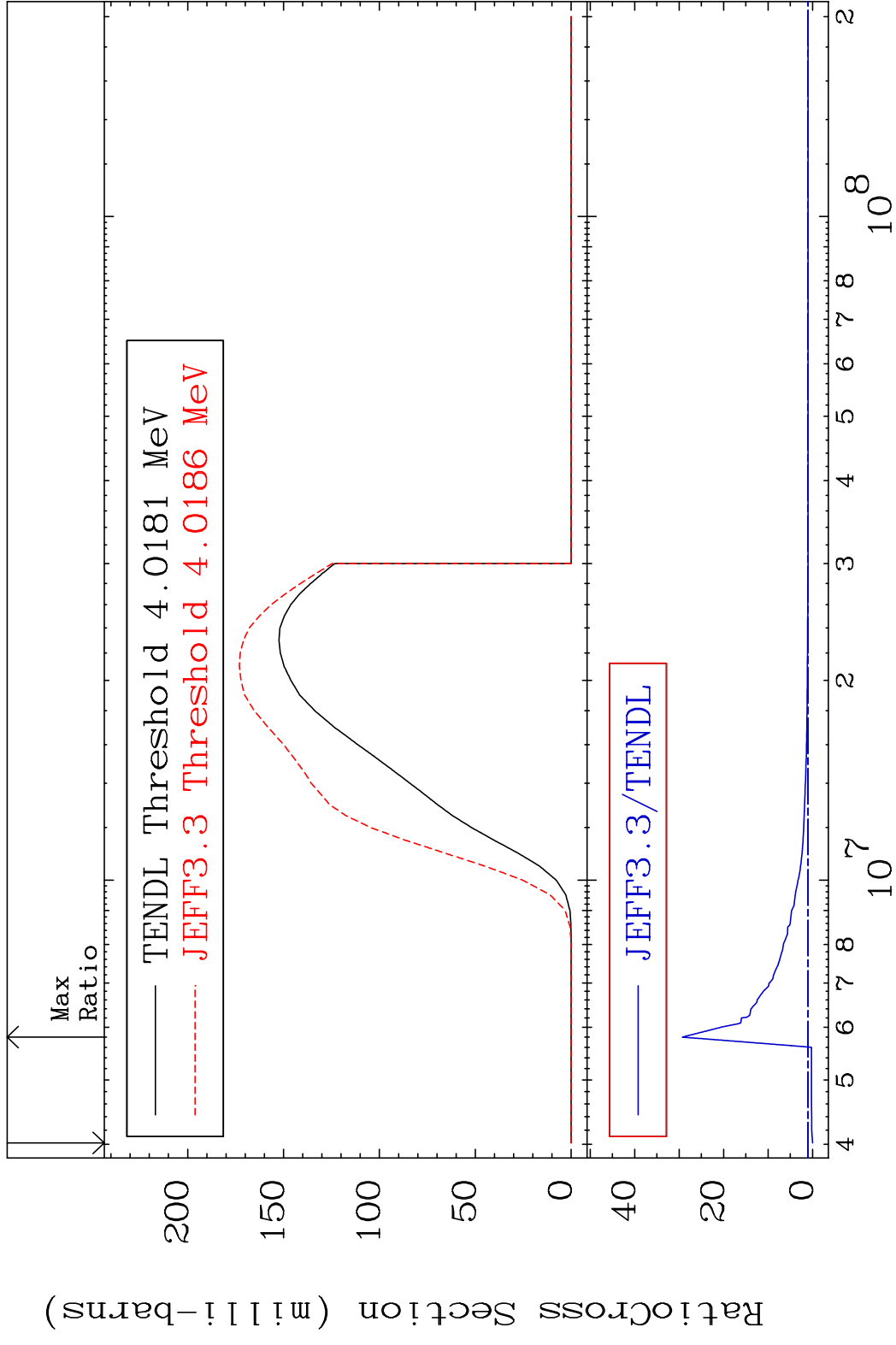
MAT 3025 (n,2n) 30-Zn-64  
 Cross Section -100.0 To 139.7 %



MAT 3025 (n,3n) 30-Zn-64  
 Cross Section -100.0 To 610.5 %

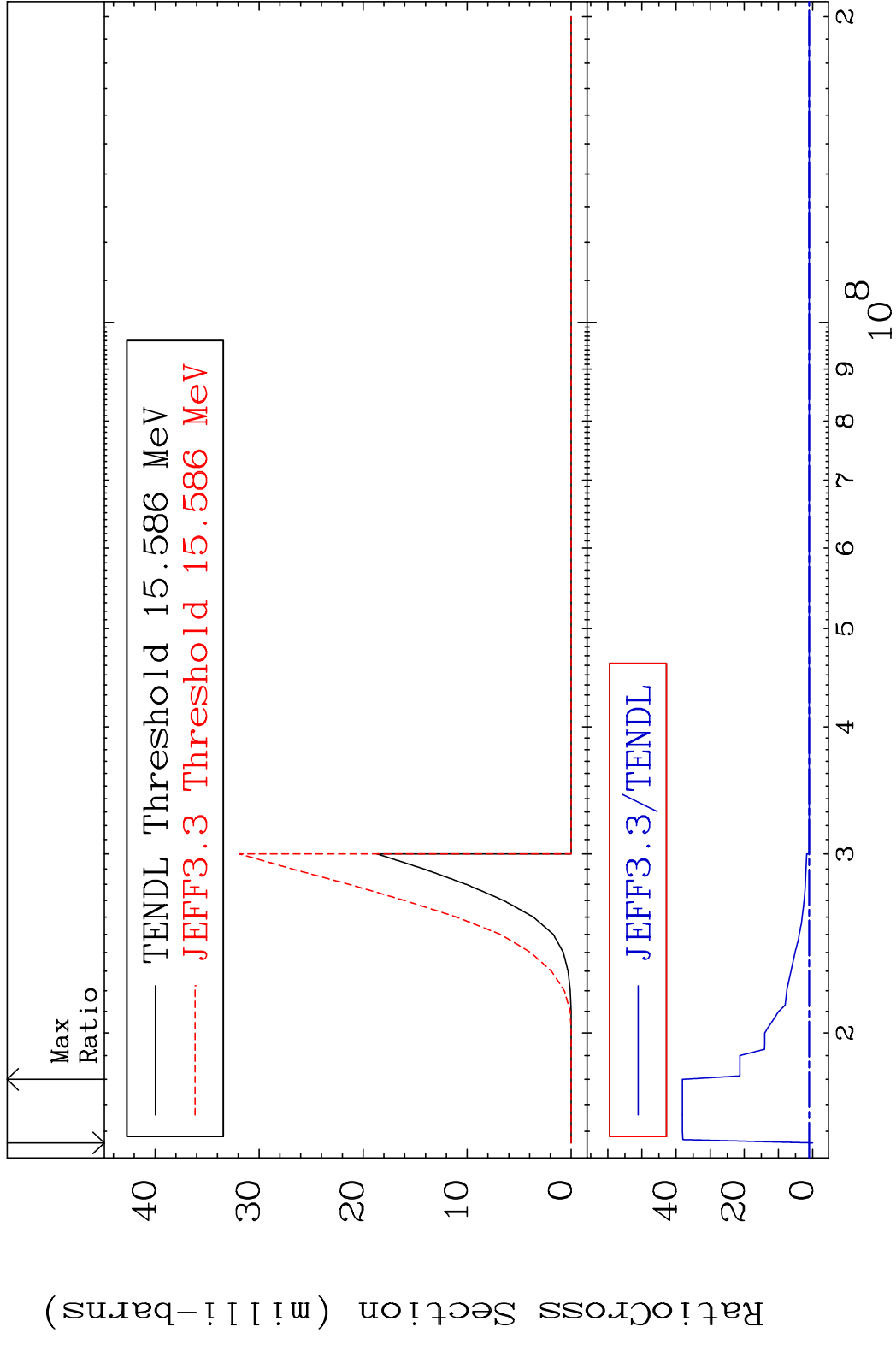


MAT 3025 (n, n')  $\alpha$  30-Zn-64  
 Cross Section -100.0 To 2827. %

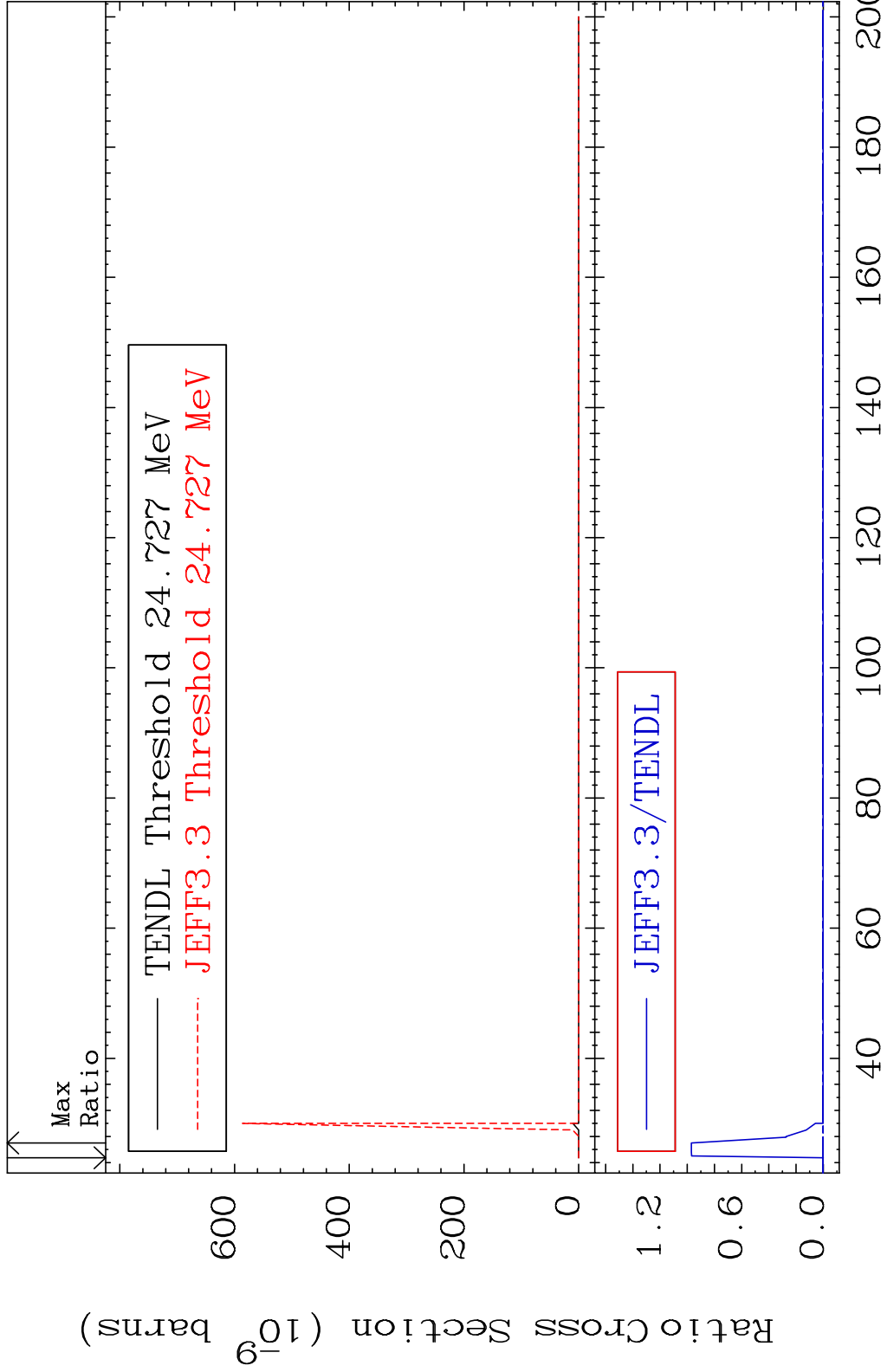


8 8 Incident Energy (eV) 30-Zn-64

MAT 3025 (n,2n)  $\alpha$  30-Zn-64  
 Cross Section -100.0 To 3715. %

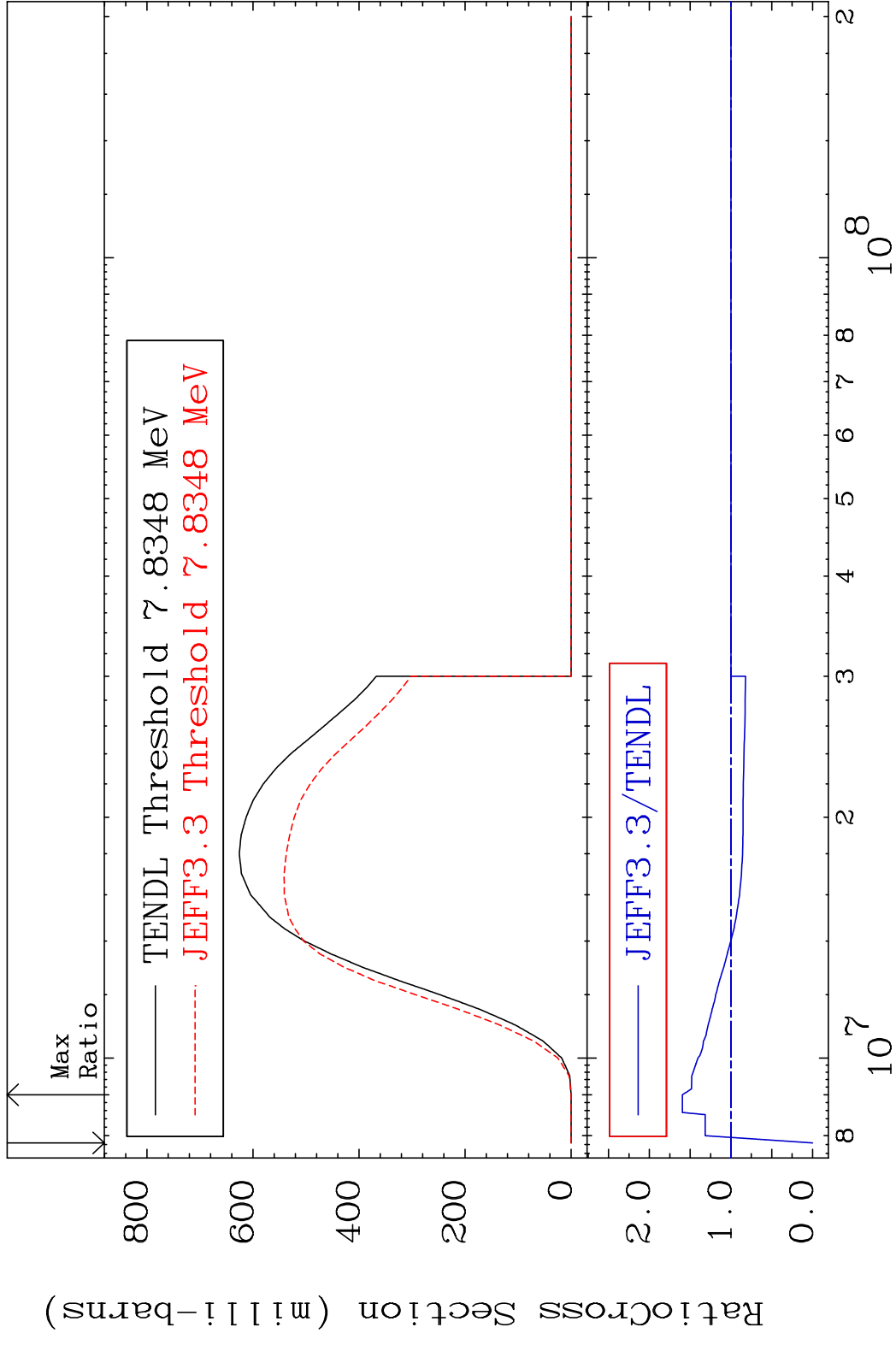


MAT 3025 (n,3n)  $\alpha$  30-Zn-64  
 Cross Section -100.0 To 9999. %

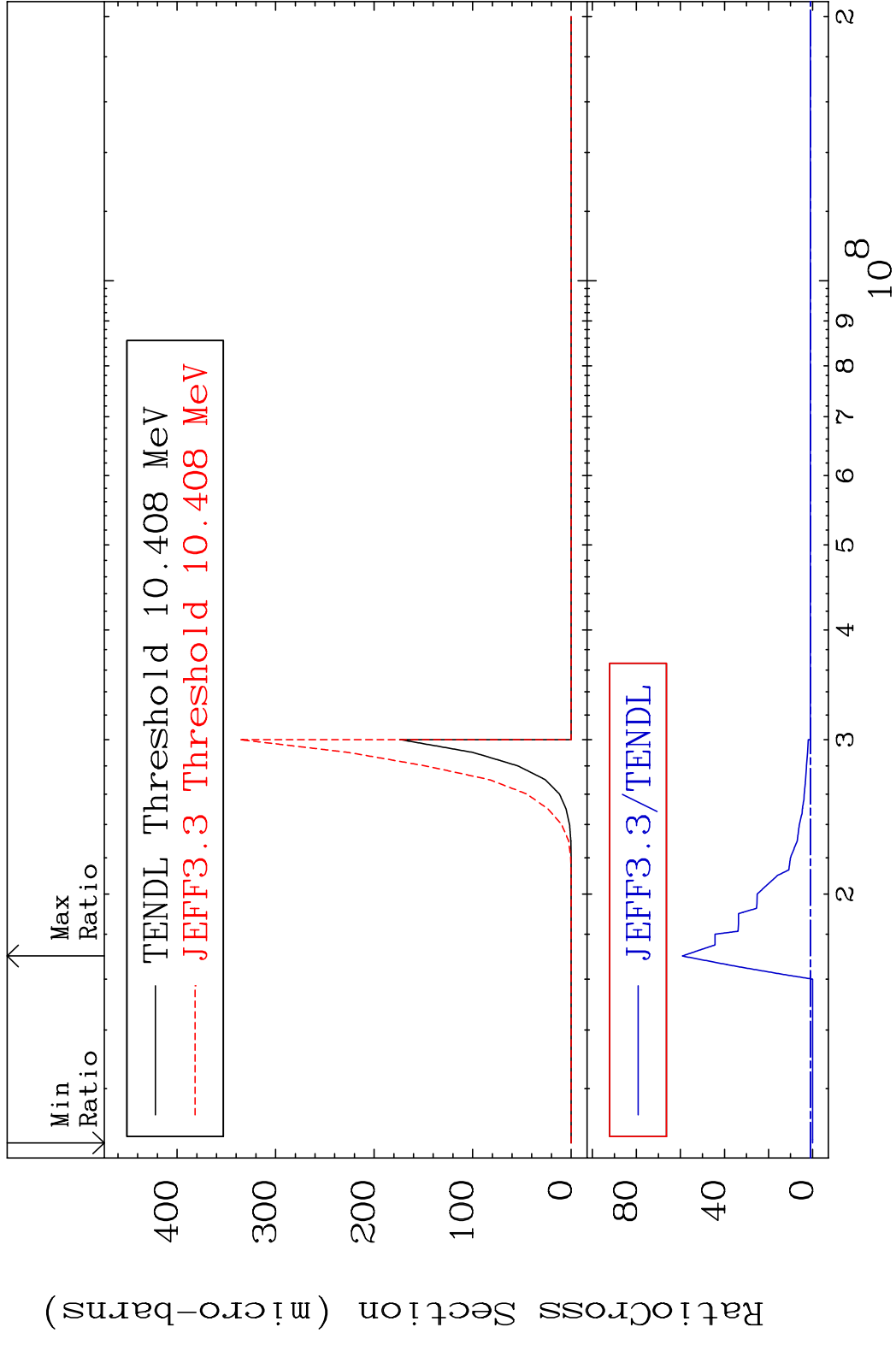


10 Incident Energy (MeV) 30-Zn-64

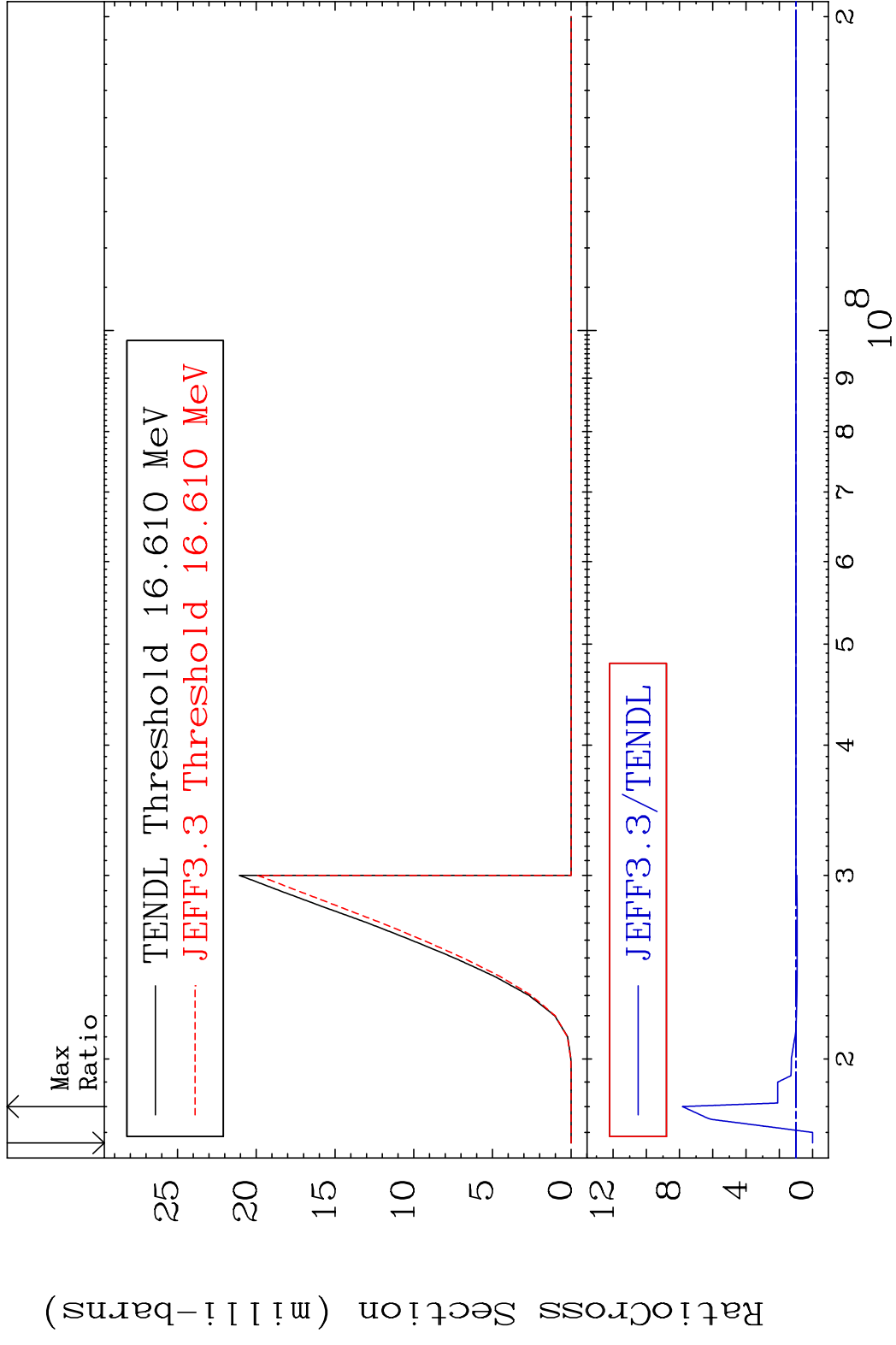
MAT 3025 (n, n') p 30-Zn-64  
 Cross Section -100.0 To 59.57 %



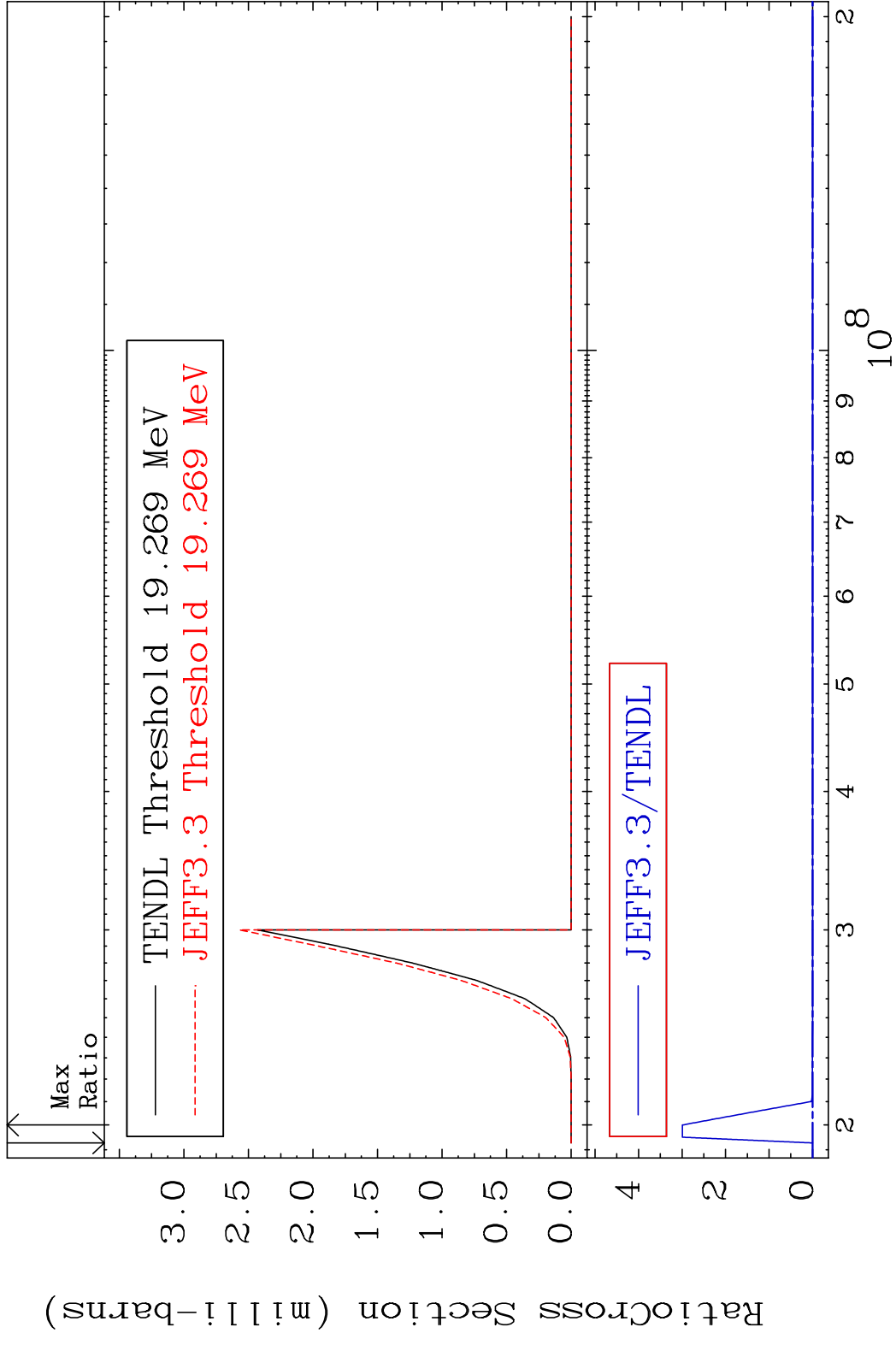
MAT 3025 (n, n') 2α 30-Zn-64  
 Cross Section -100.0 To 5813. %



MAT 3025 (n, n') d 30-Zn-64  
 Cross Section -100.0 To 683.0 %

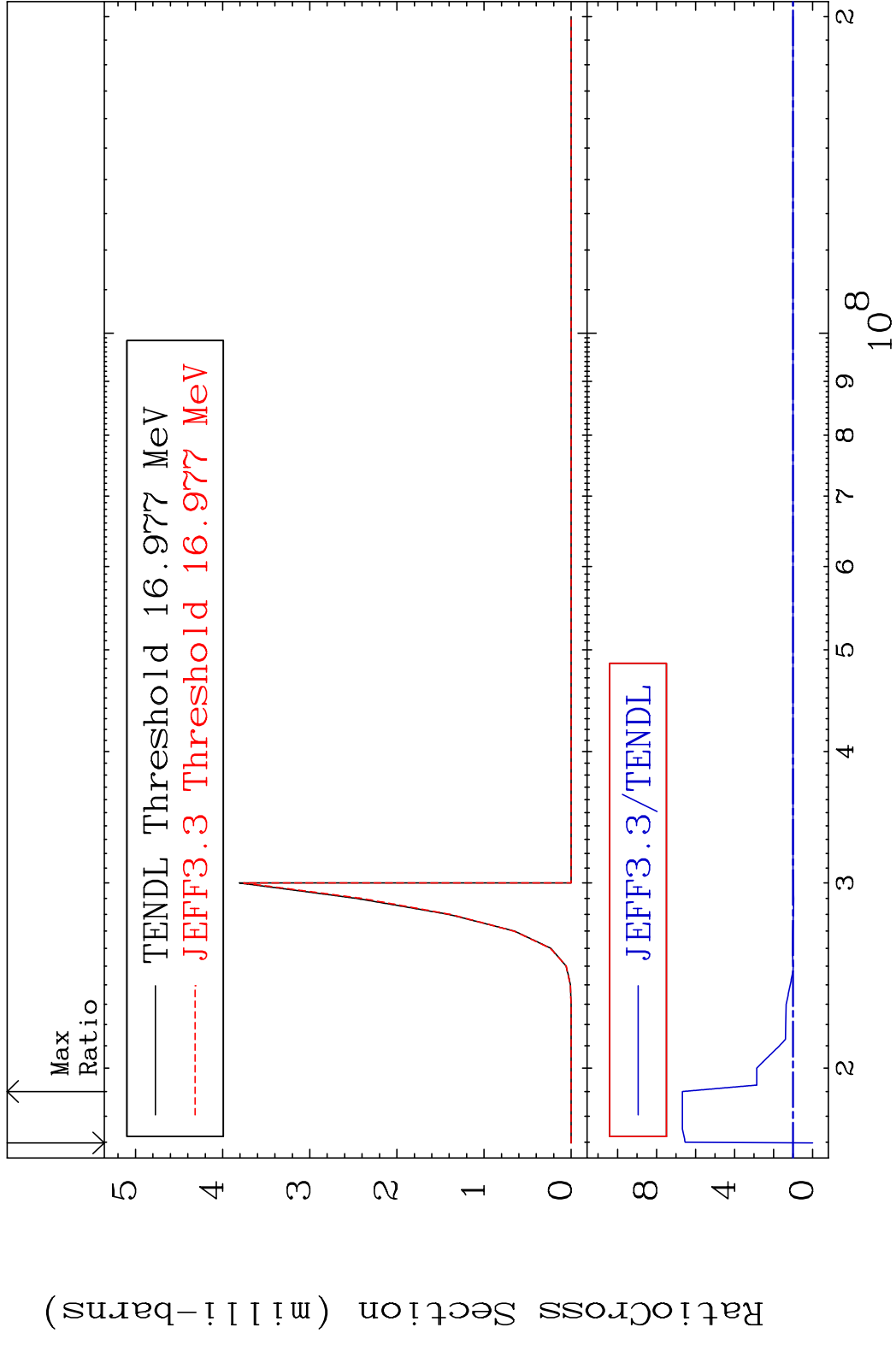


MAT 3025 (n, n') t 30-Zn-64  
 Cross Section -100.0 To 9999. %



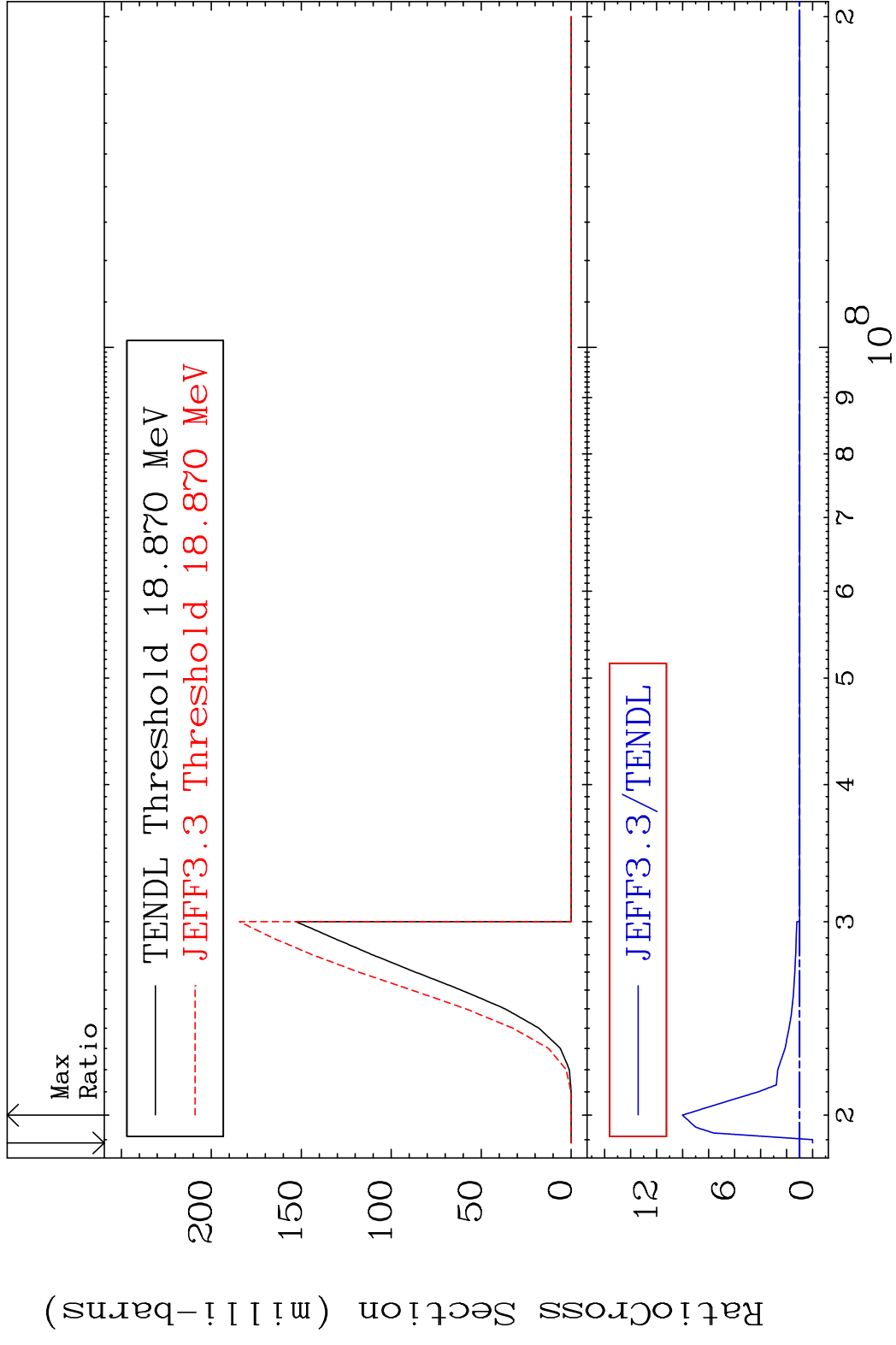
14 Incident Energy (eV) 30-Zn-64

MAT 3025 (n,n') He-3 30-Zn-64  
 Cross Section -100.0 To 567.8 %

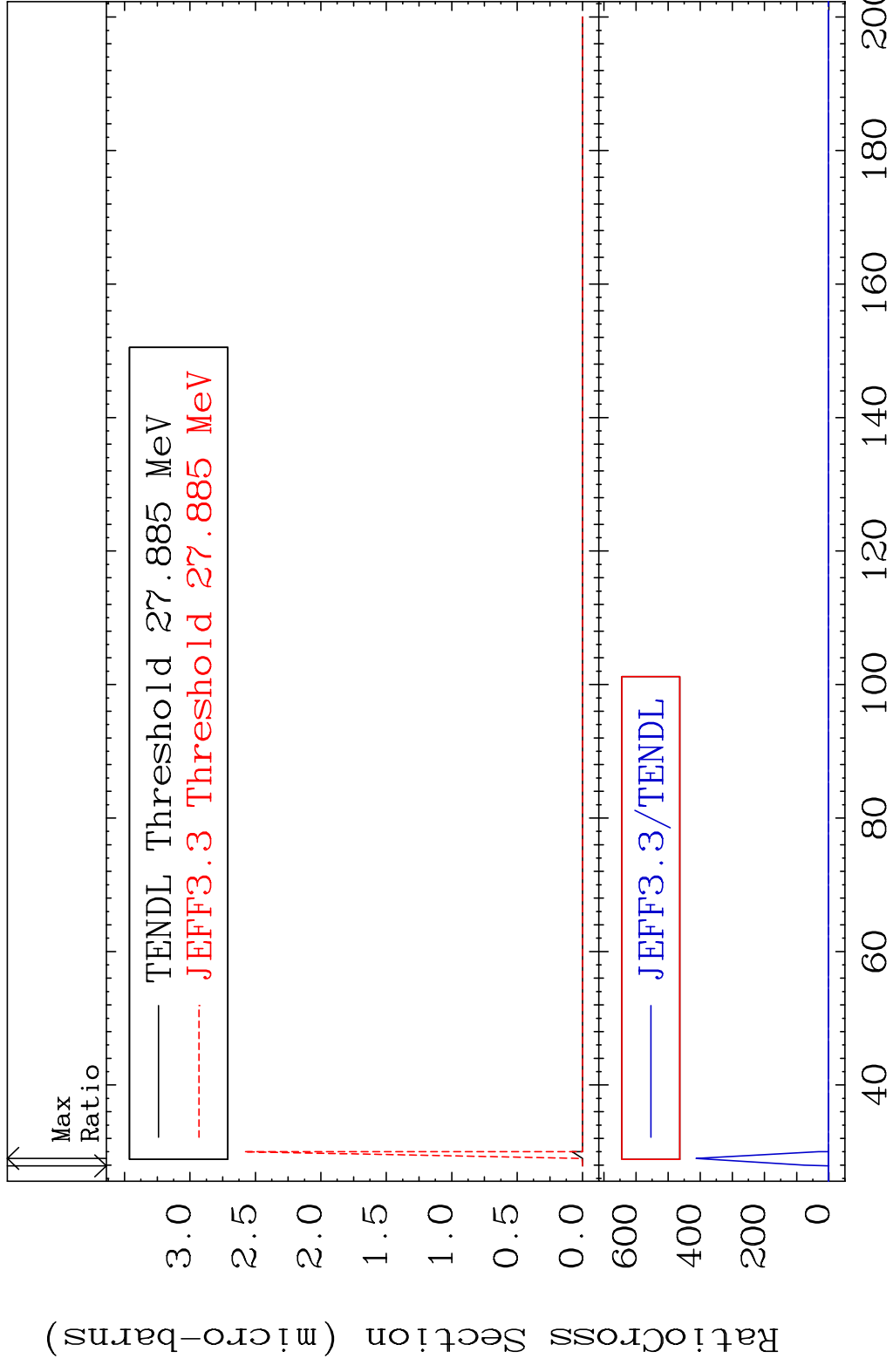


15 Incident Energy (eV) 30-Zn-64

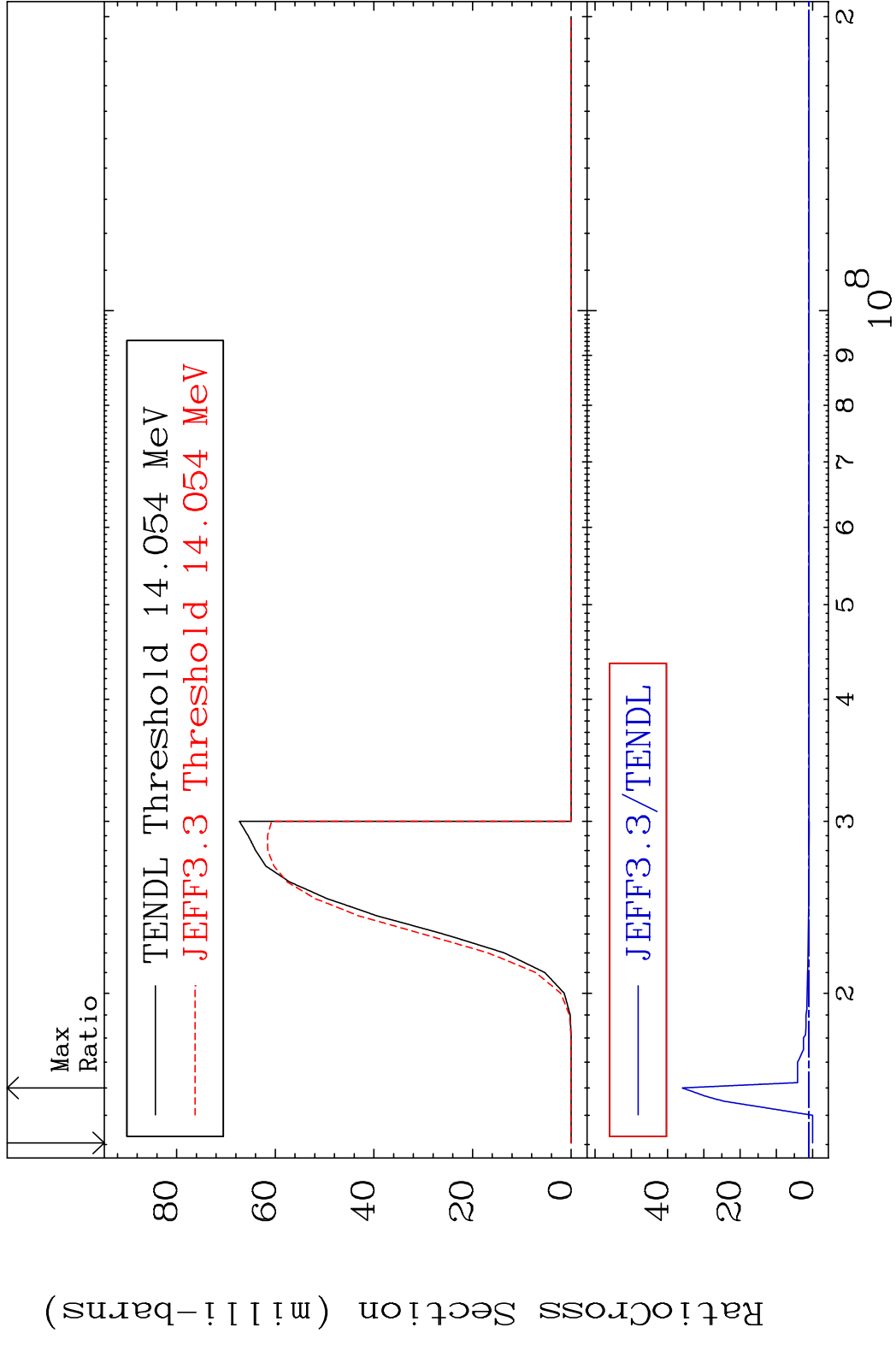
MAT 3025 (n,2n) p 30-Zn-64  
 Cross Section -100.0 To 901.9 %



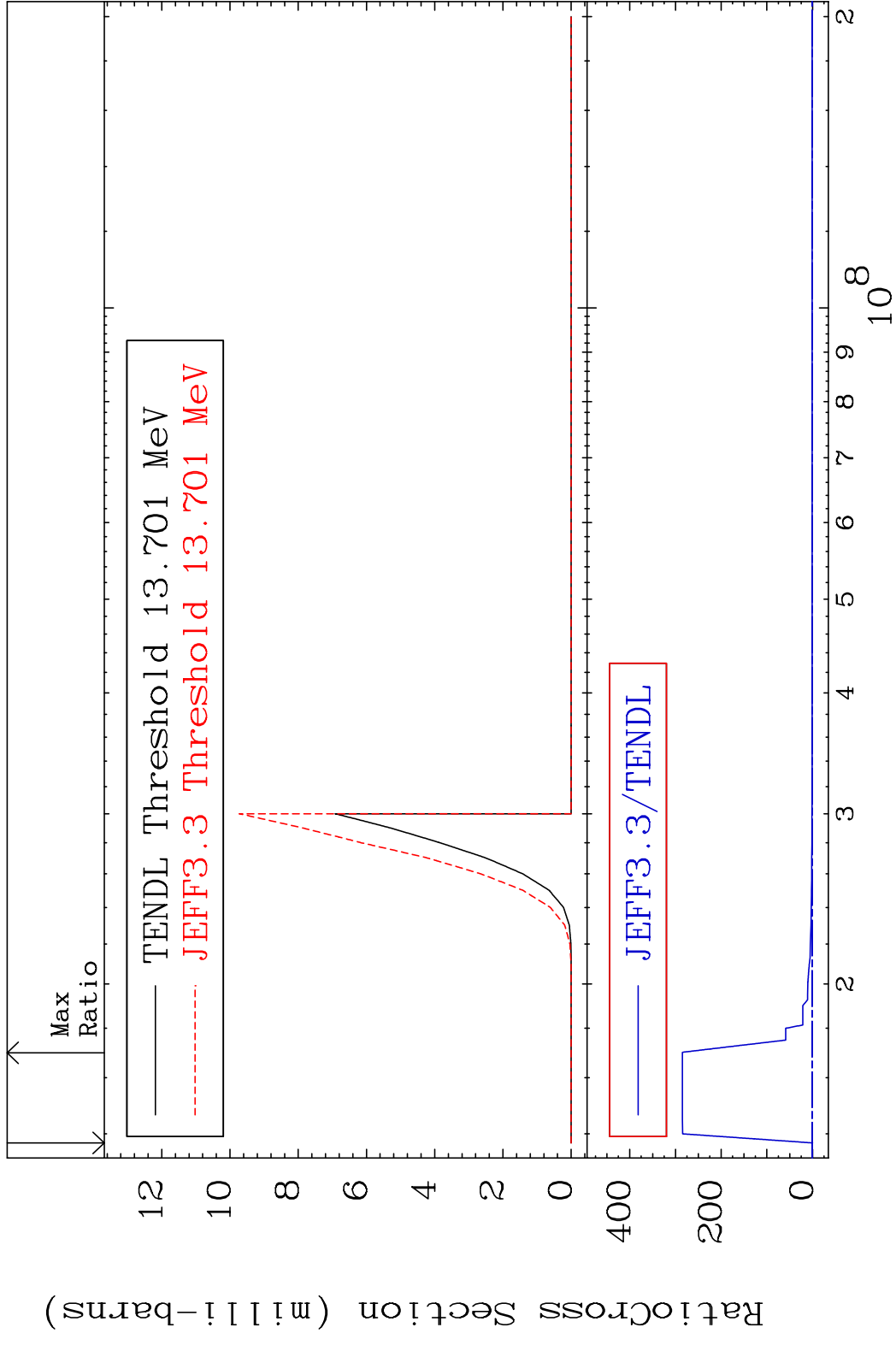
MAT 3025 (n,3n) p 30-Zn-64  
 Cross Section -100.0 To 9999. %



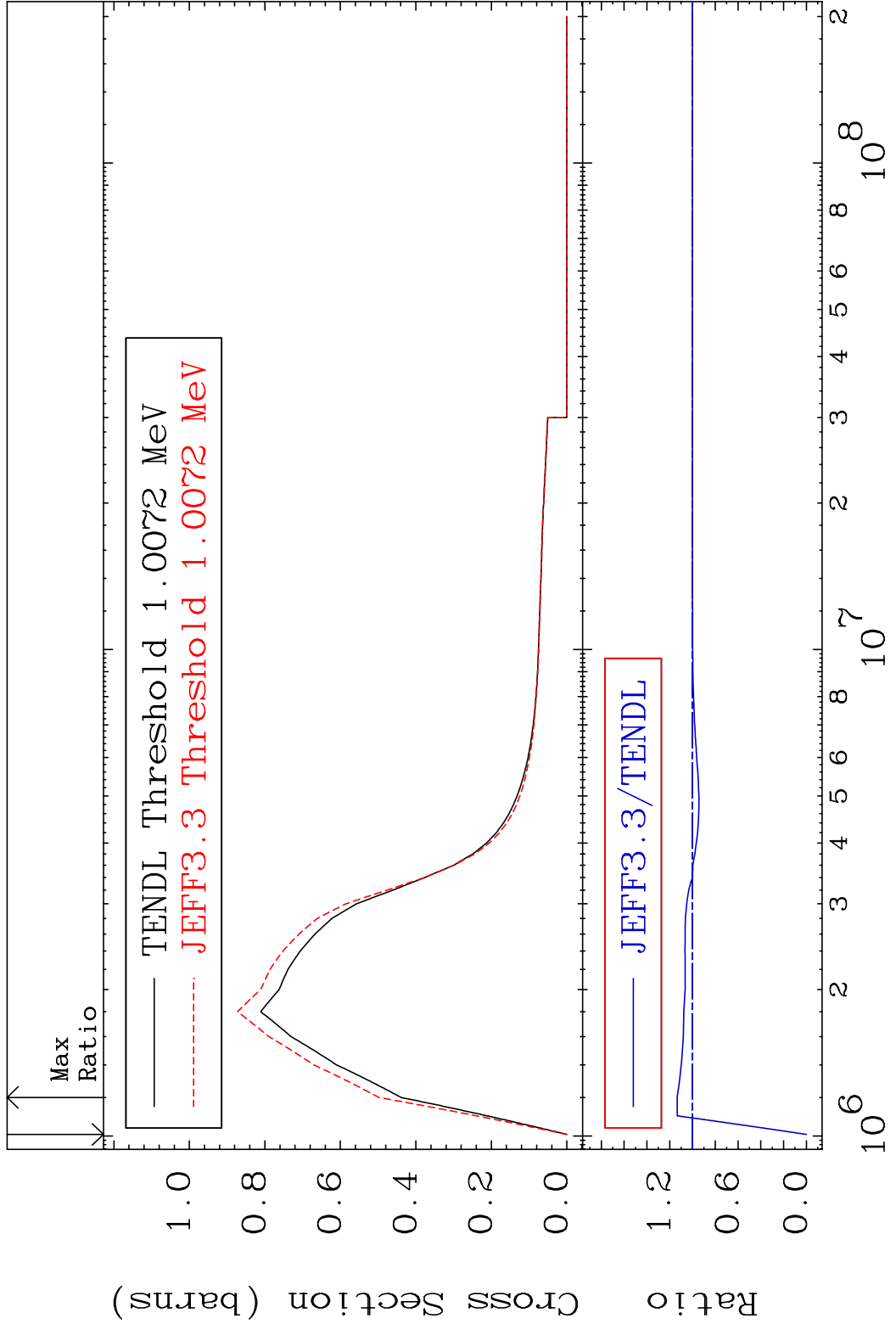
MAT 3025 (n,2n) p 30-Zn-64  
 Cross Section -100.0 To 3492. %



MAT 3025 (n,n') p α 30-Zn-64  
 Cross Section -100.0 To 9999. %

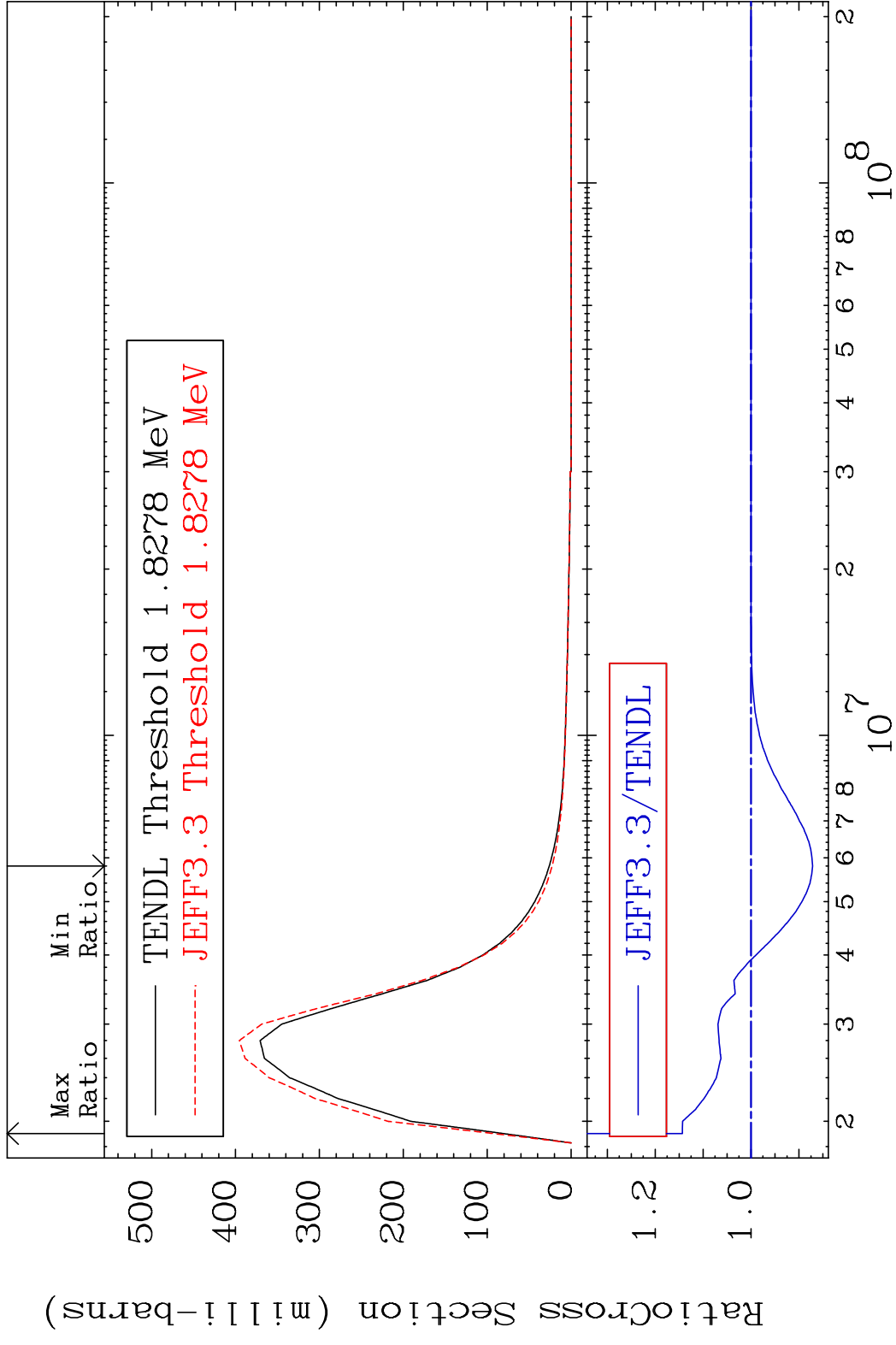


MAT 3025      MT= 51 (n,n') Level      30-Zn-64  
 Cross Section    -100.0 To 13.41 %

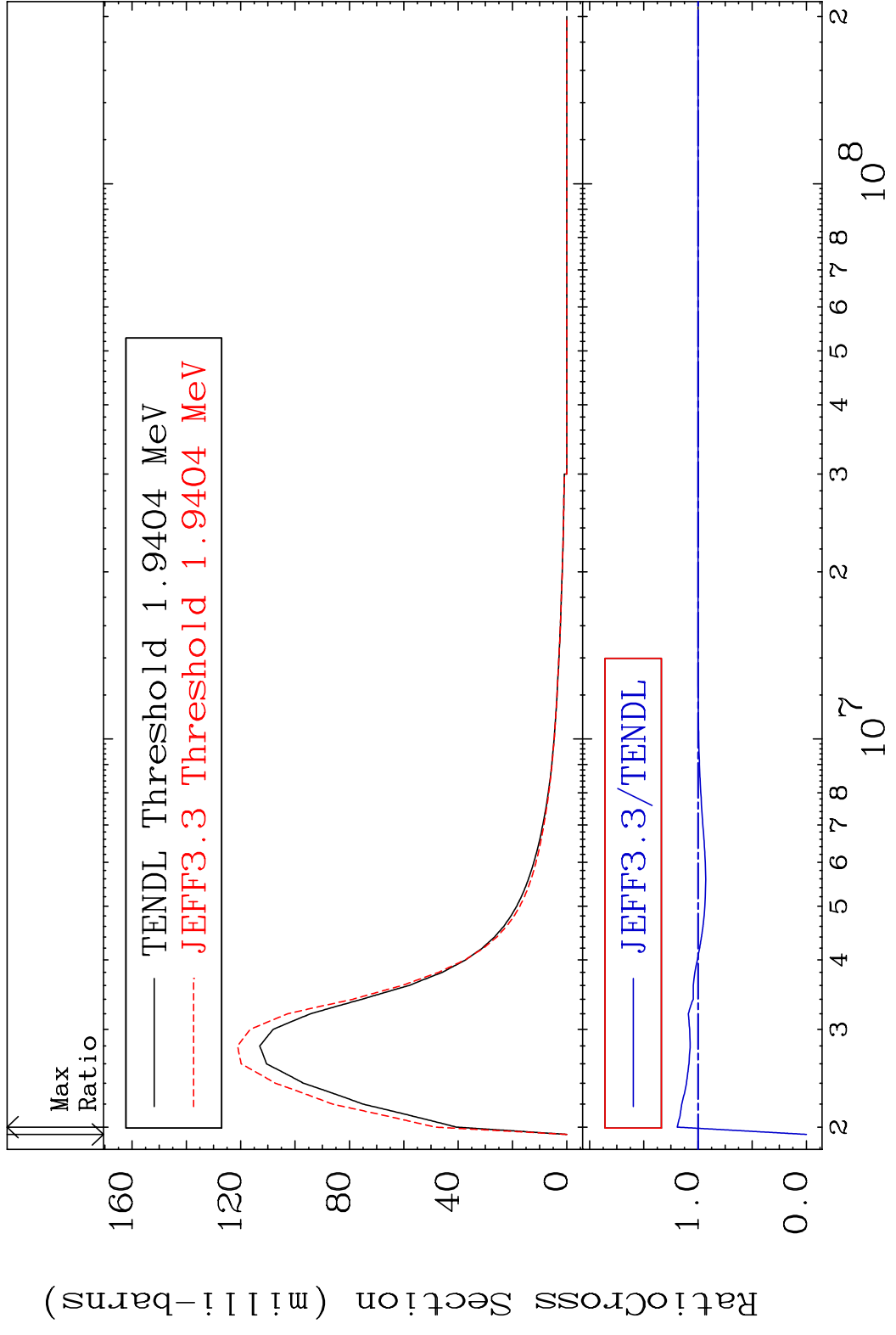


20      Incident Energy (eV)      30-Zn-64

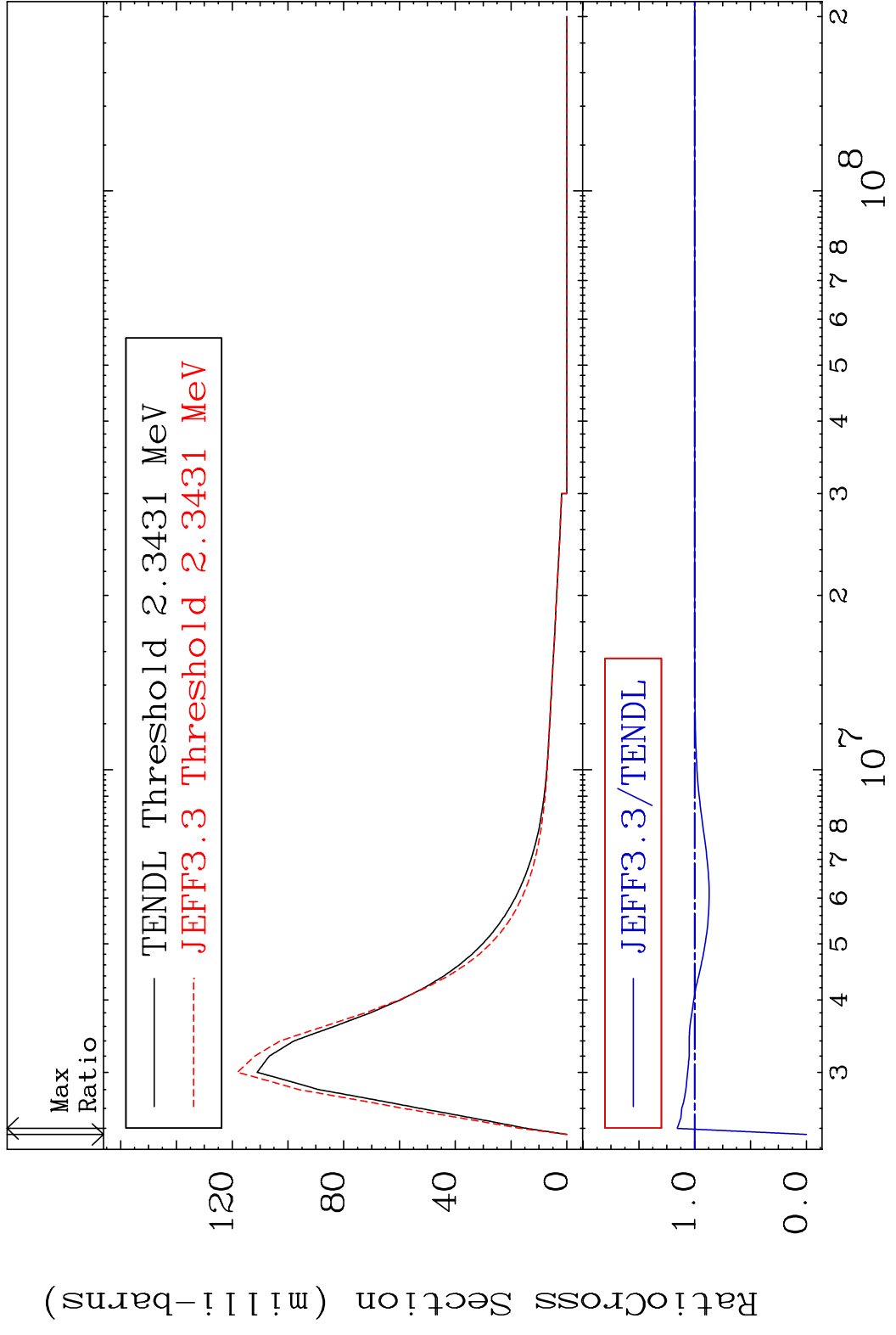
MAT 3025 MT= 52 (n,n') Level 30-Zn-64  
 Cross Section -12.84 To 14.34 %



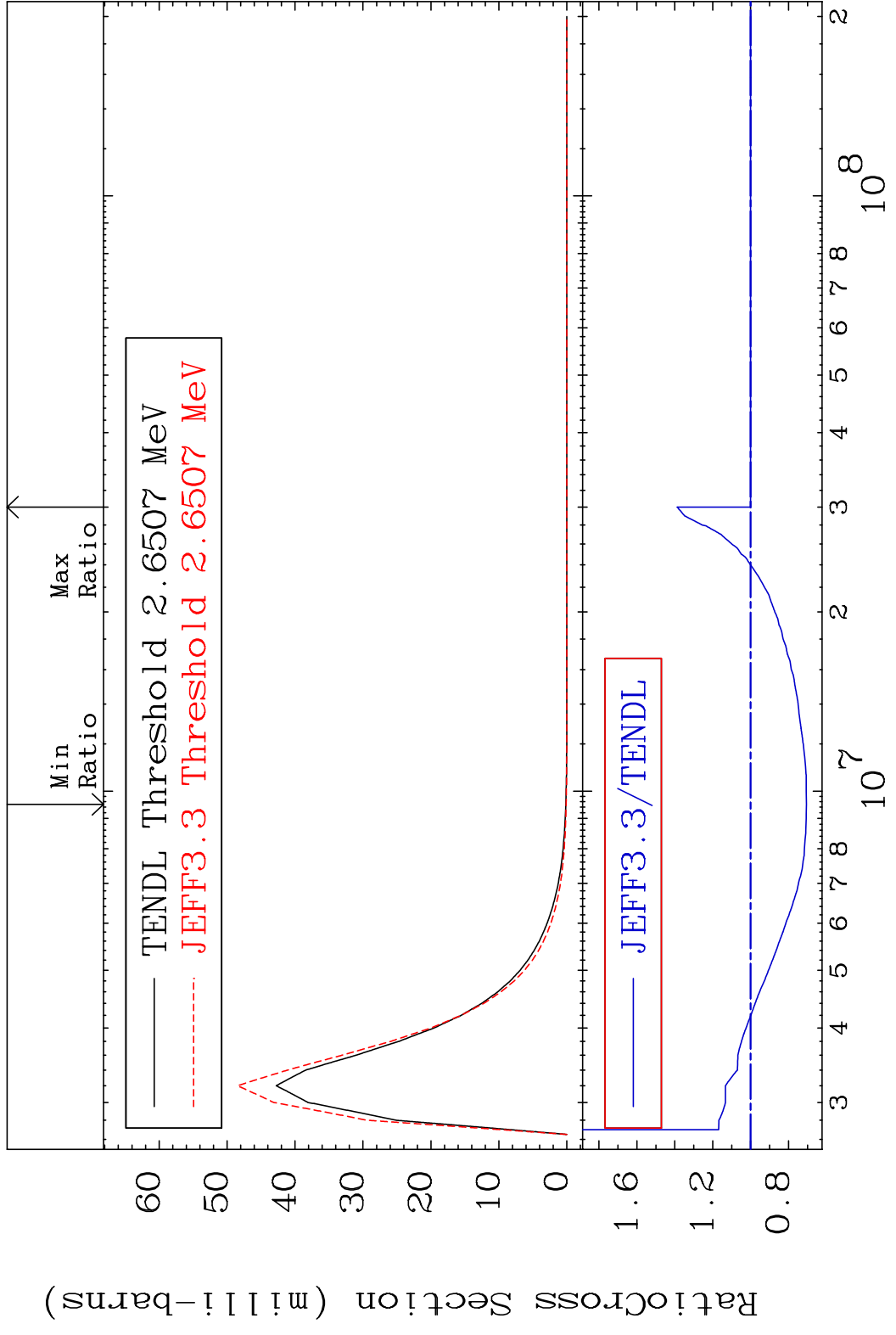
MAT 3025 MT= 53 (n, n') Level 30-Zn-64  
 Cross Section -100.0 To 19.22 %



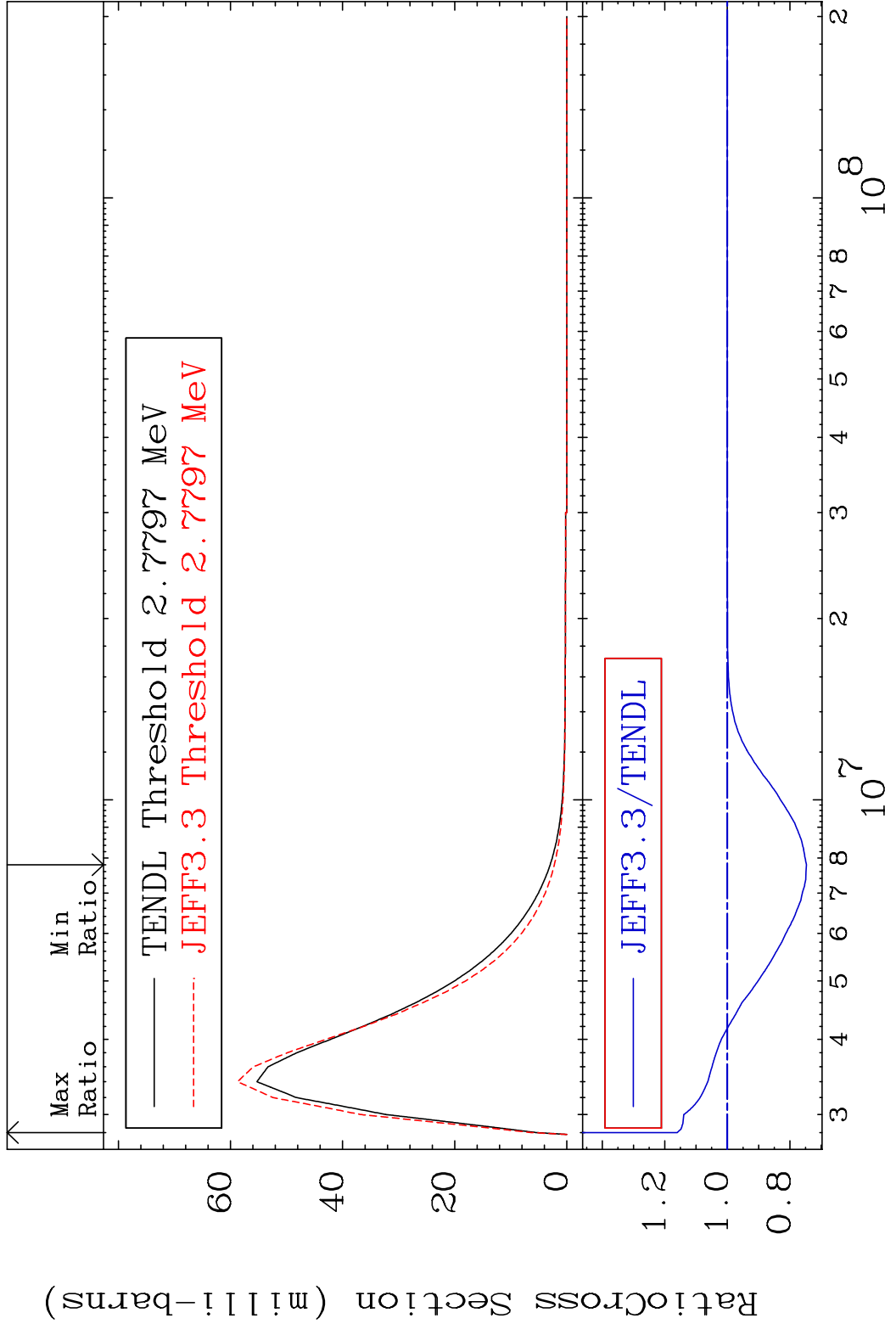
MAT 3025      MT= 54 (n,n') Level      30-Zn-64  
 Cross Section    -100.0 To 15.70 %



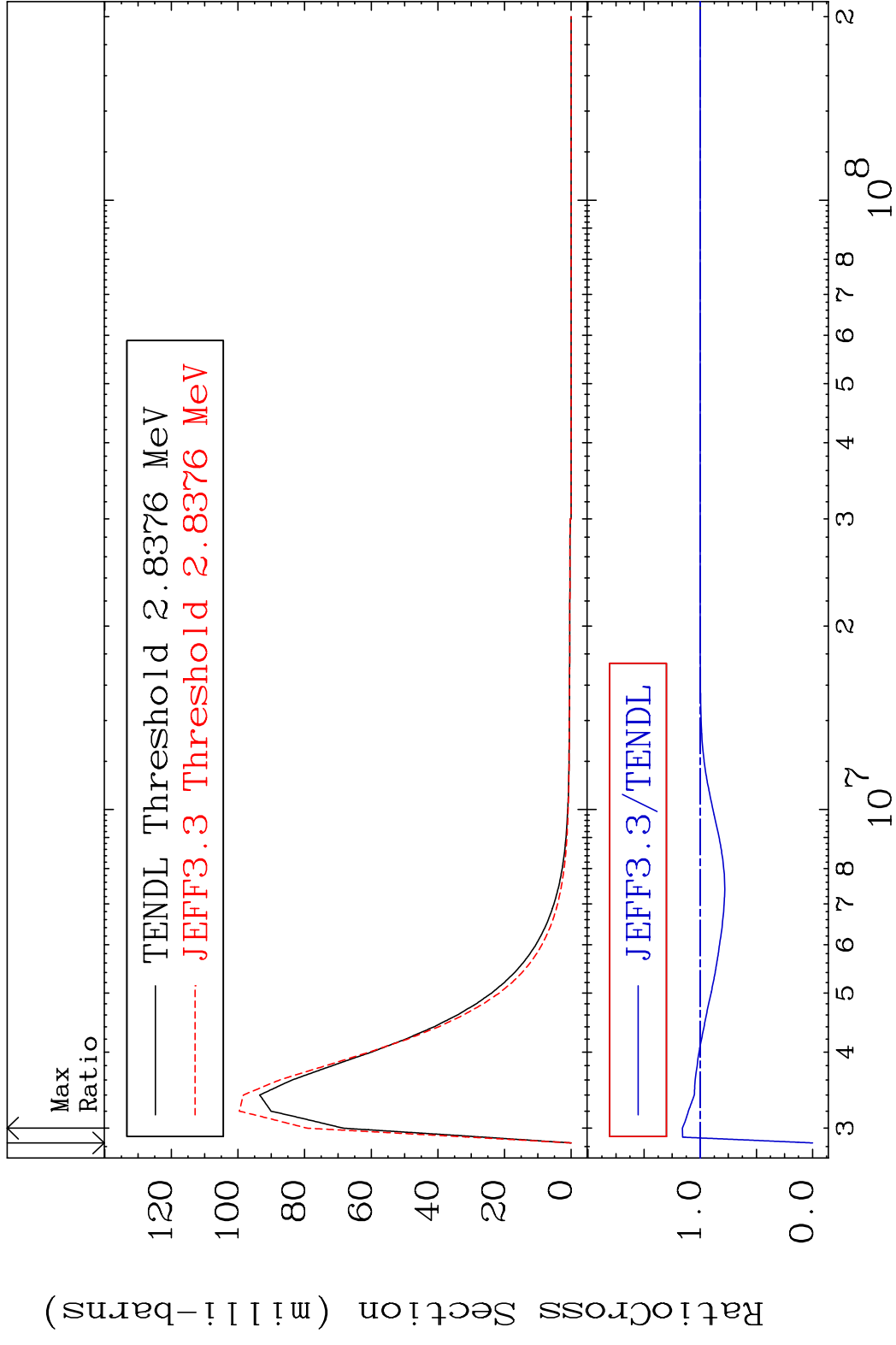
MAT 3025 MT= 55 (n, n') Level 30-Zn-64  
 Cross Section -29.43 To 38.74 %



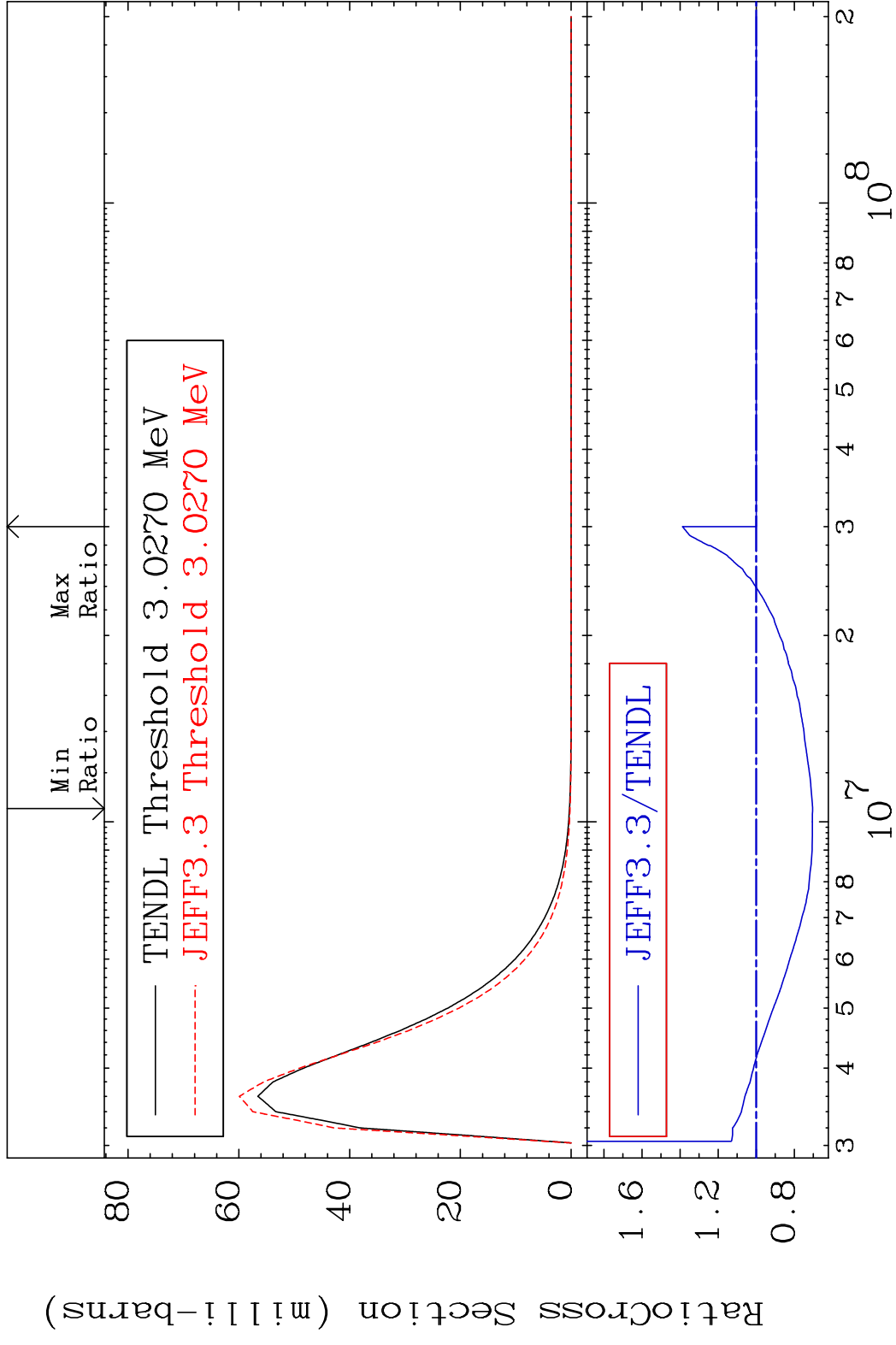
MAT 3025 MT= 56 (n,n') Level 30-Zn-64  
 Cross Section -25.30 To 16.05 %



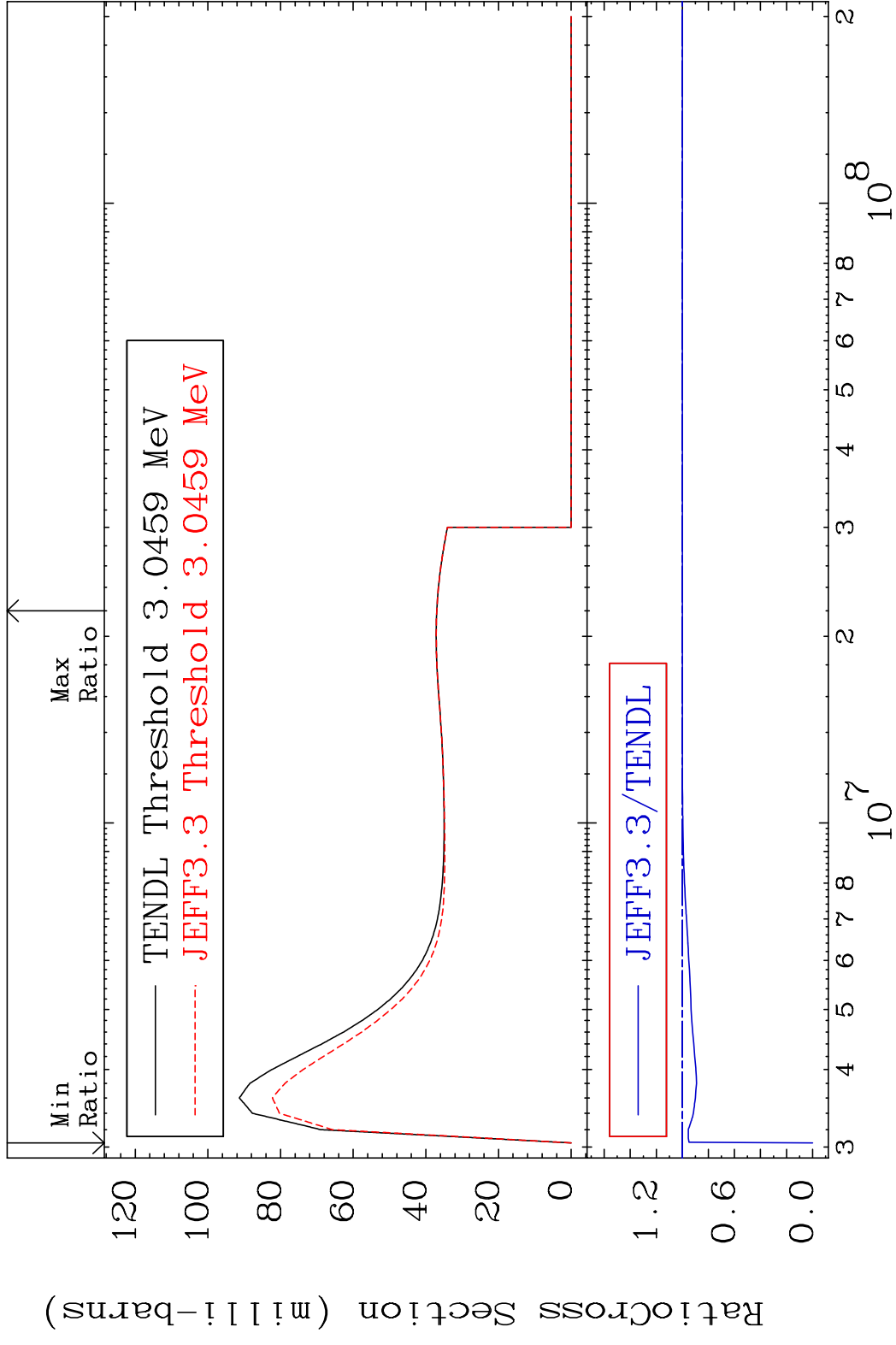
MAT 3025      MT= 57 (n,n') Level      30-Zn-64  
 Cross Section    -100.0 To 15.91 %



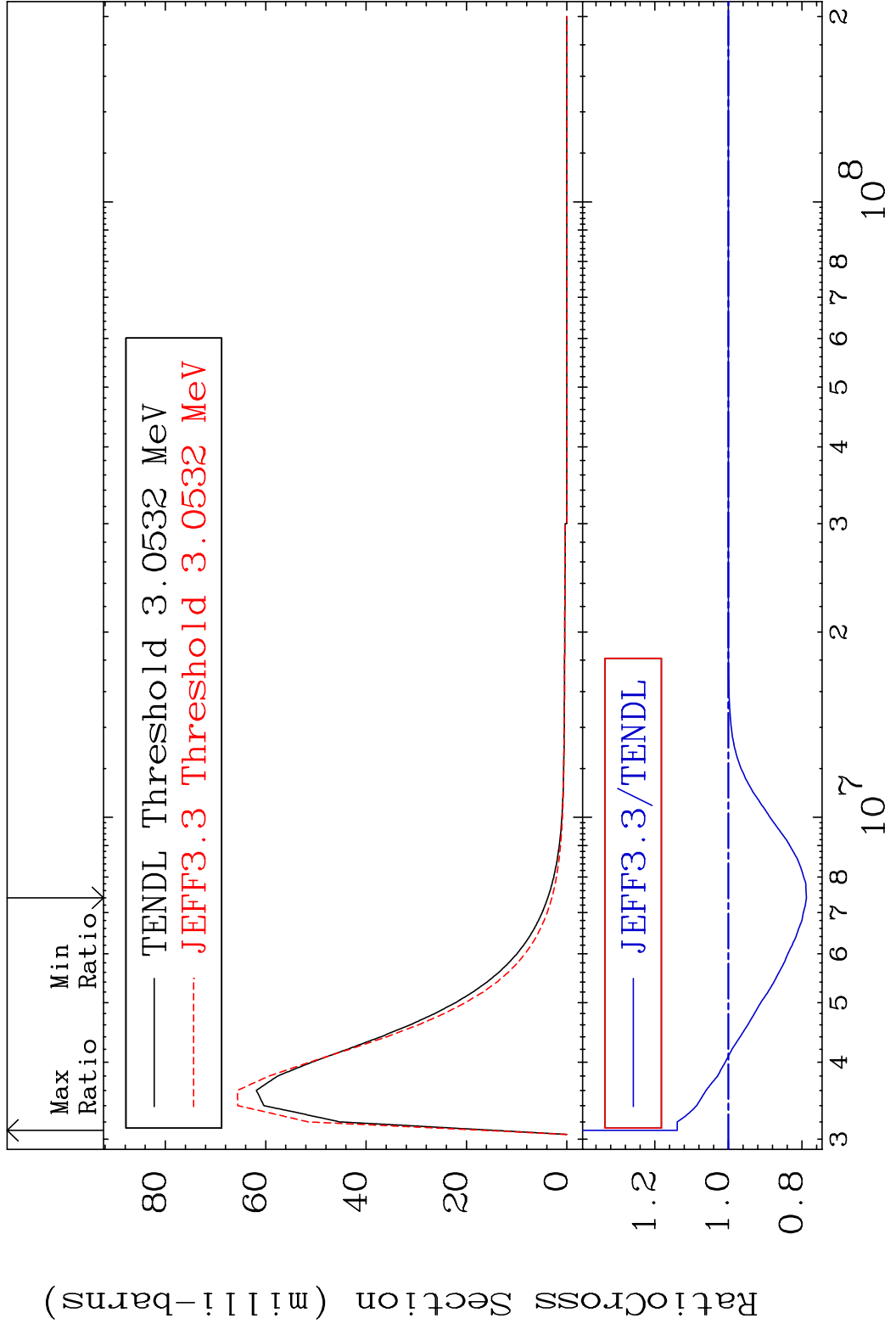
MAT 3025 MT= 58 (n, n') Level 30-Zn-64  
 Cross Section -29.61 To 38.76 %



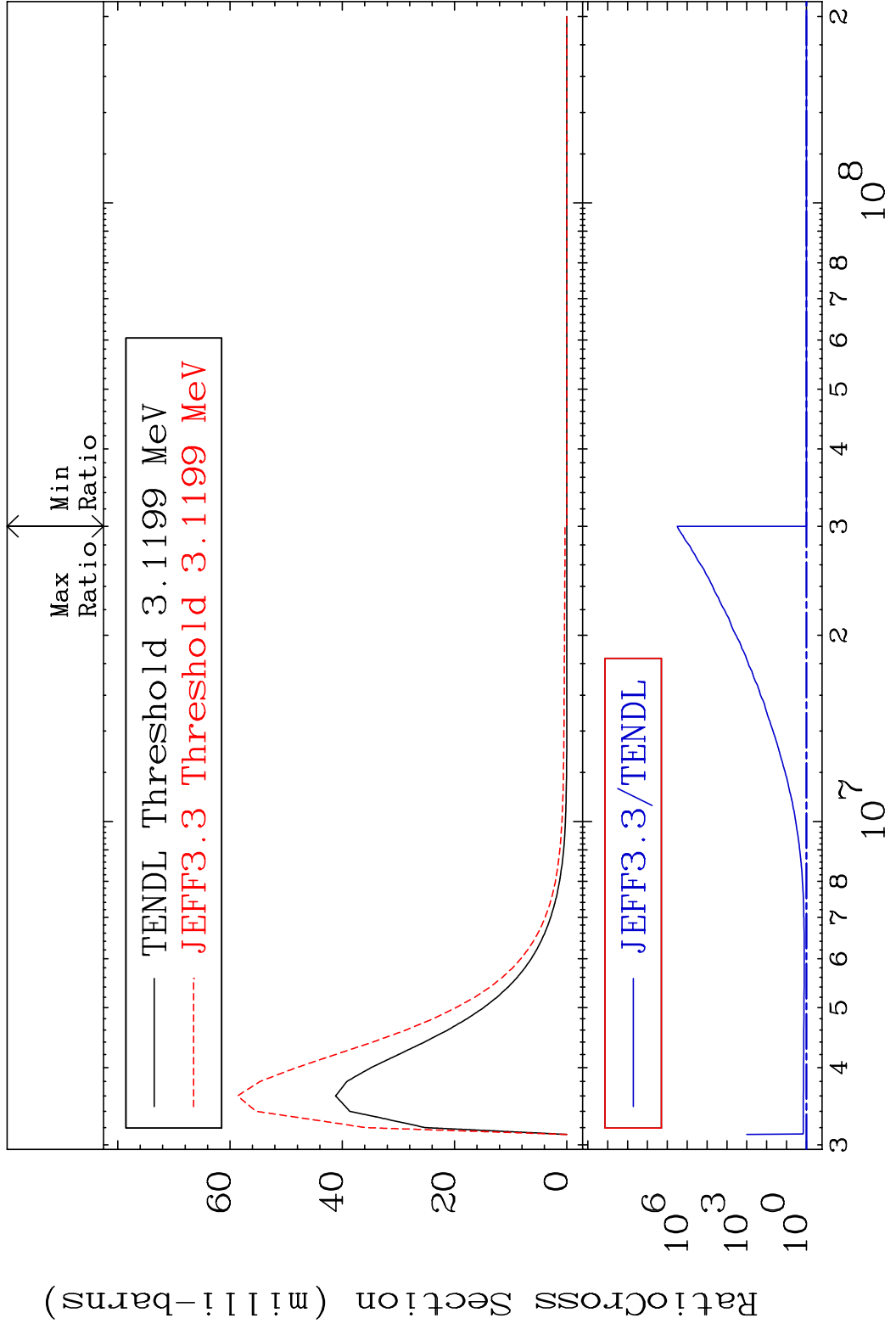
MAT 3025 MT= 59 (n, n') Level 30-Zn-64  
 Cross Section -100.0 To 0.000 %



MAT 3025 MT= 60 (n,n') Level 30-Zn-64  
 Cross Section -21.24 To 13.92 %



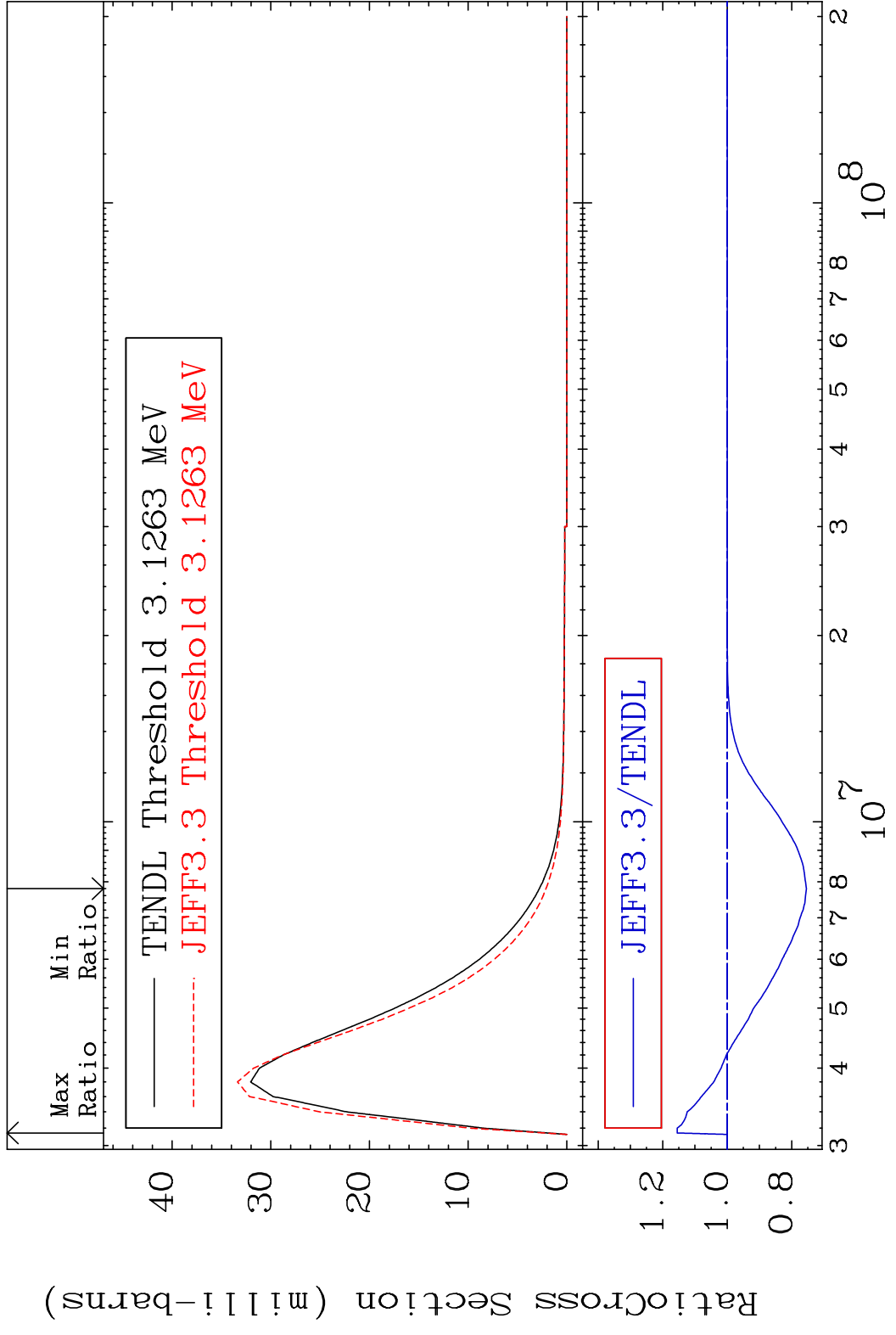
MAT 3025 MT= 61 (n, n') Level 30-Zn-64  
 Cross Section 0.000 To 9999. %



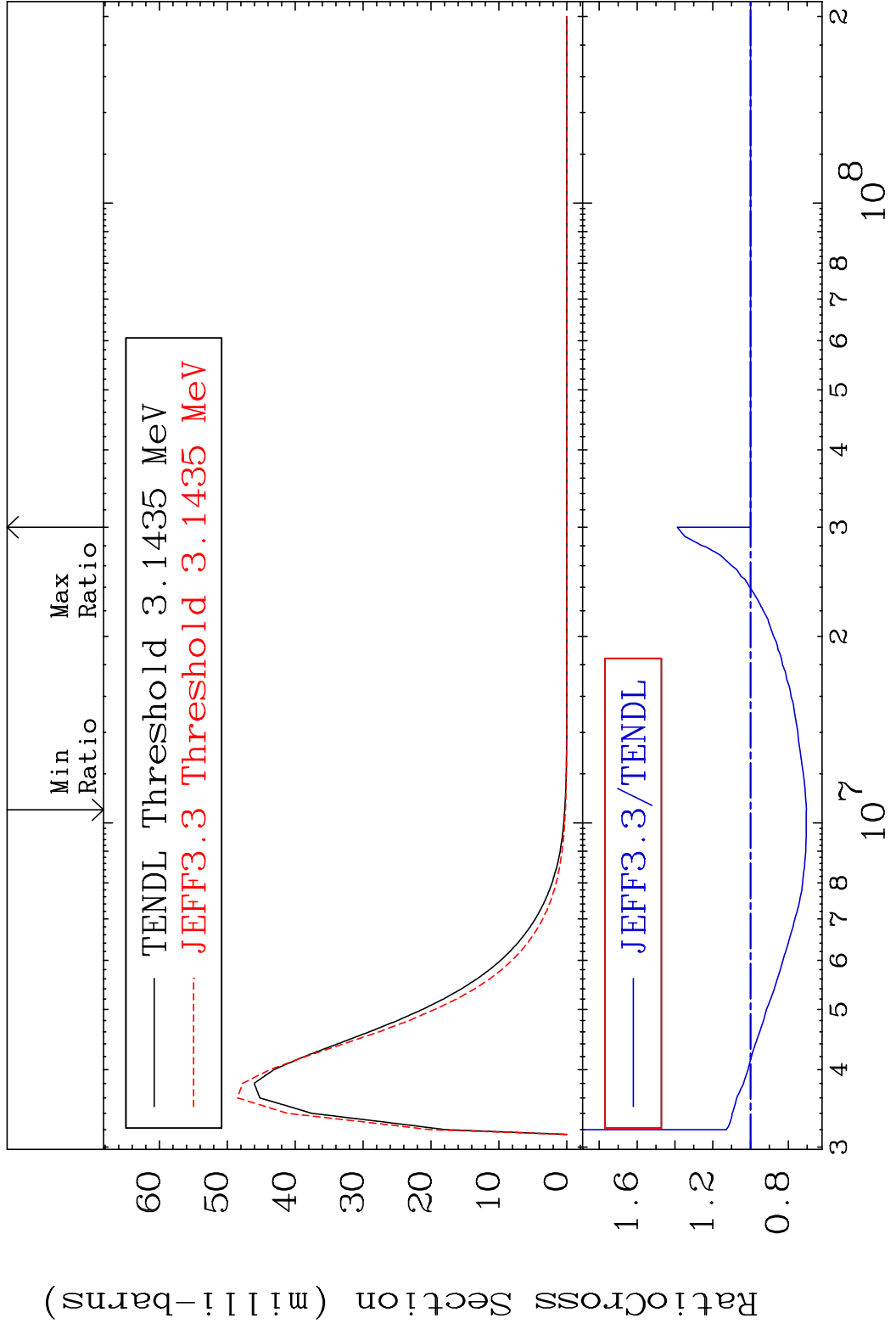
30

Incident Energy (eV) 30-Zn-64

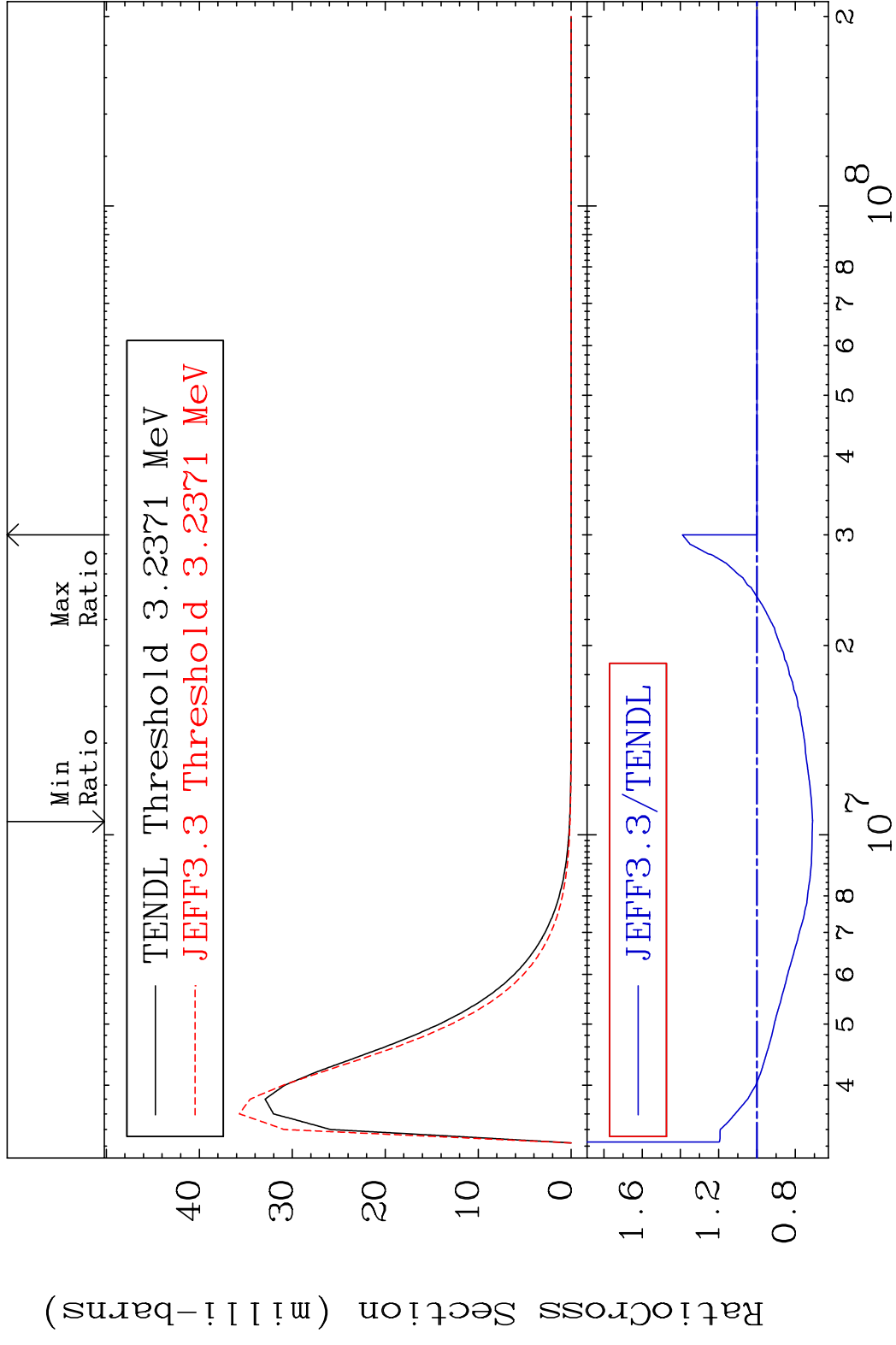
MAT 3025 MT= 62 (n, n') Level 30-Zn-64  
 Cross Section -24.56 To 15.50 %



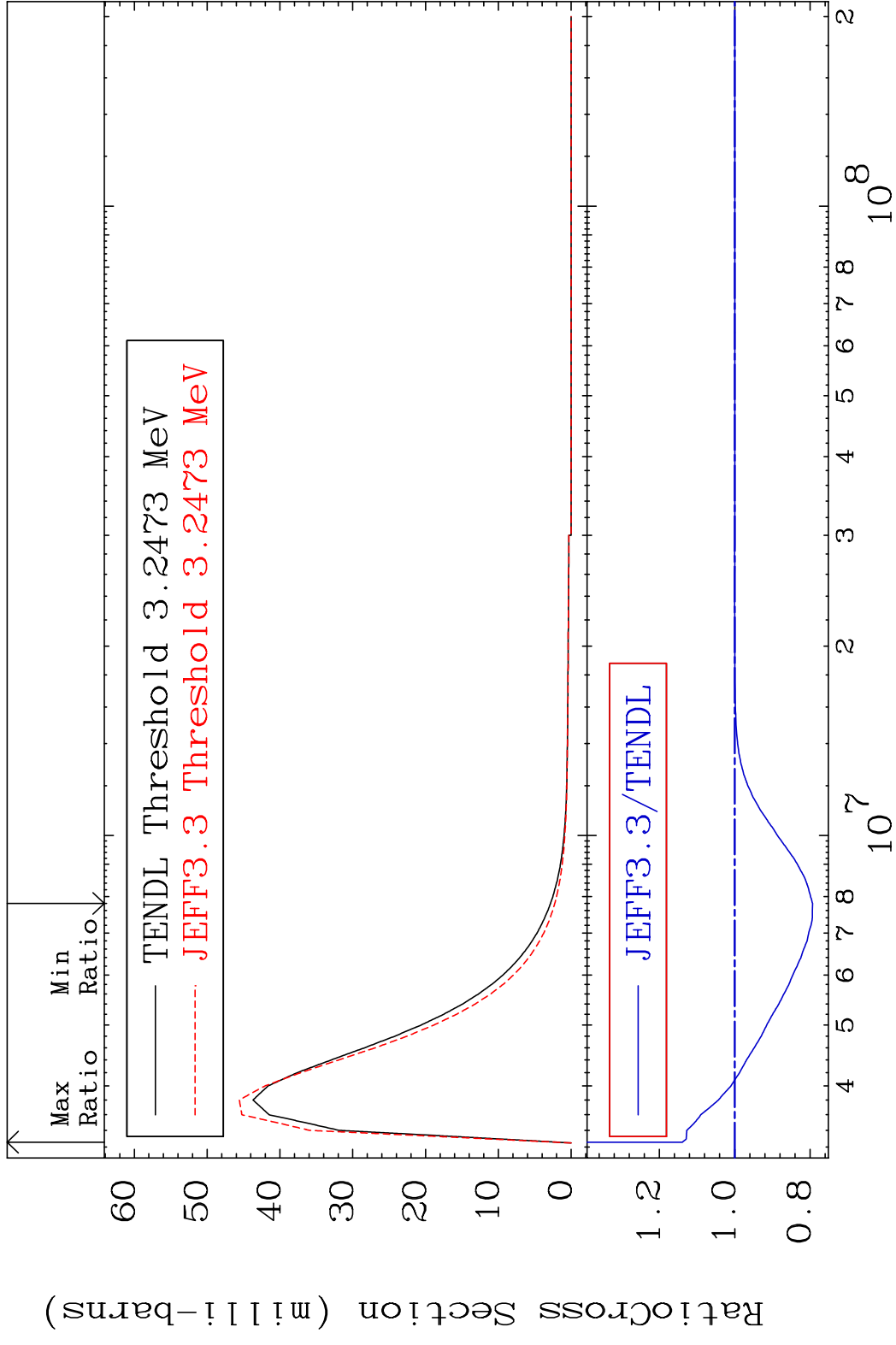
MAT 3025 MT= 63 (n, n') Level 30-Zn-64  
 Cross Section -29.58 To 38.77 %



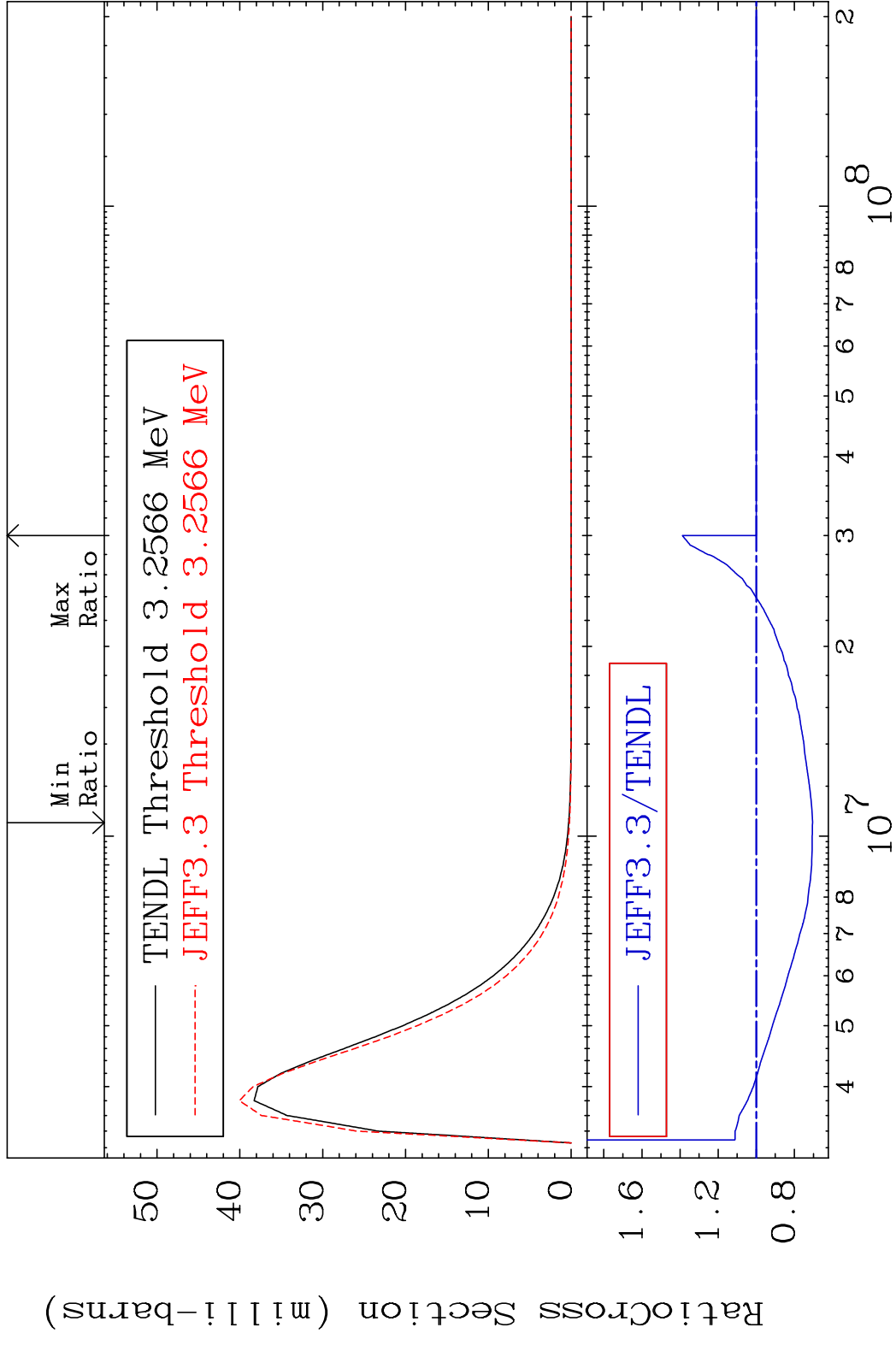
MAT 3025 MT= 64 (n, n') Level 30-Zn-64  
 Cross Section -29.06 To 39.00 %



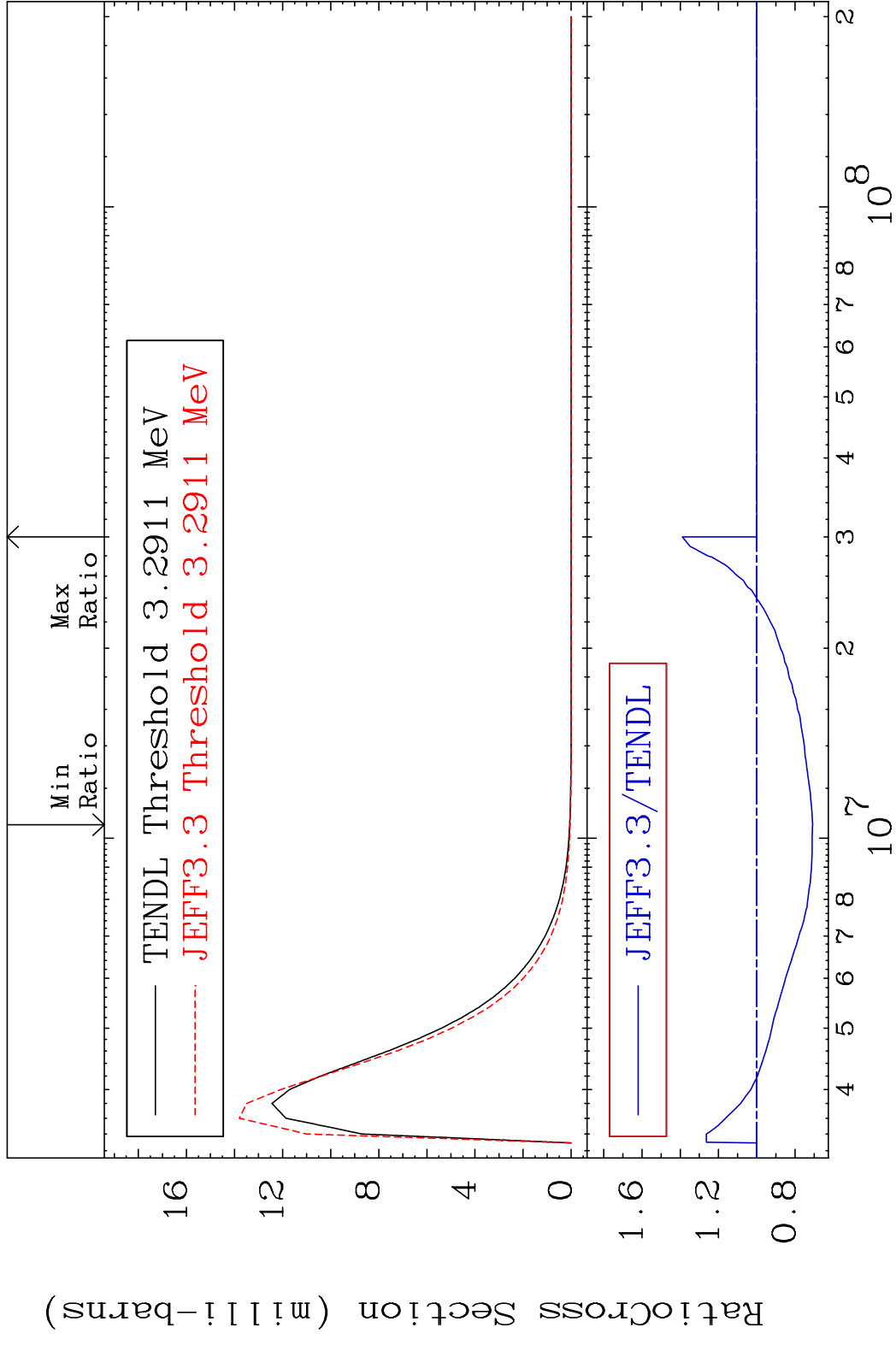
MAT 3025 MT= 65 (n,n') Level 30-Zn-64  
 Cross Section -20.67 To 13.91 %



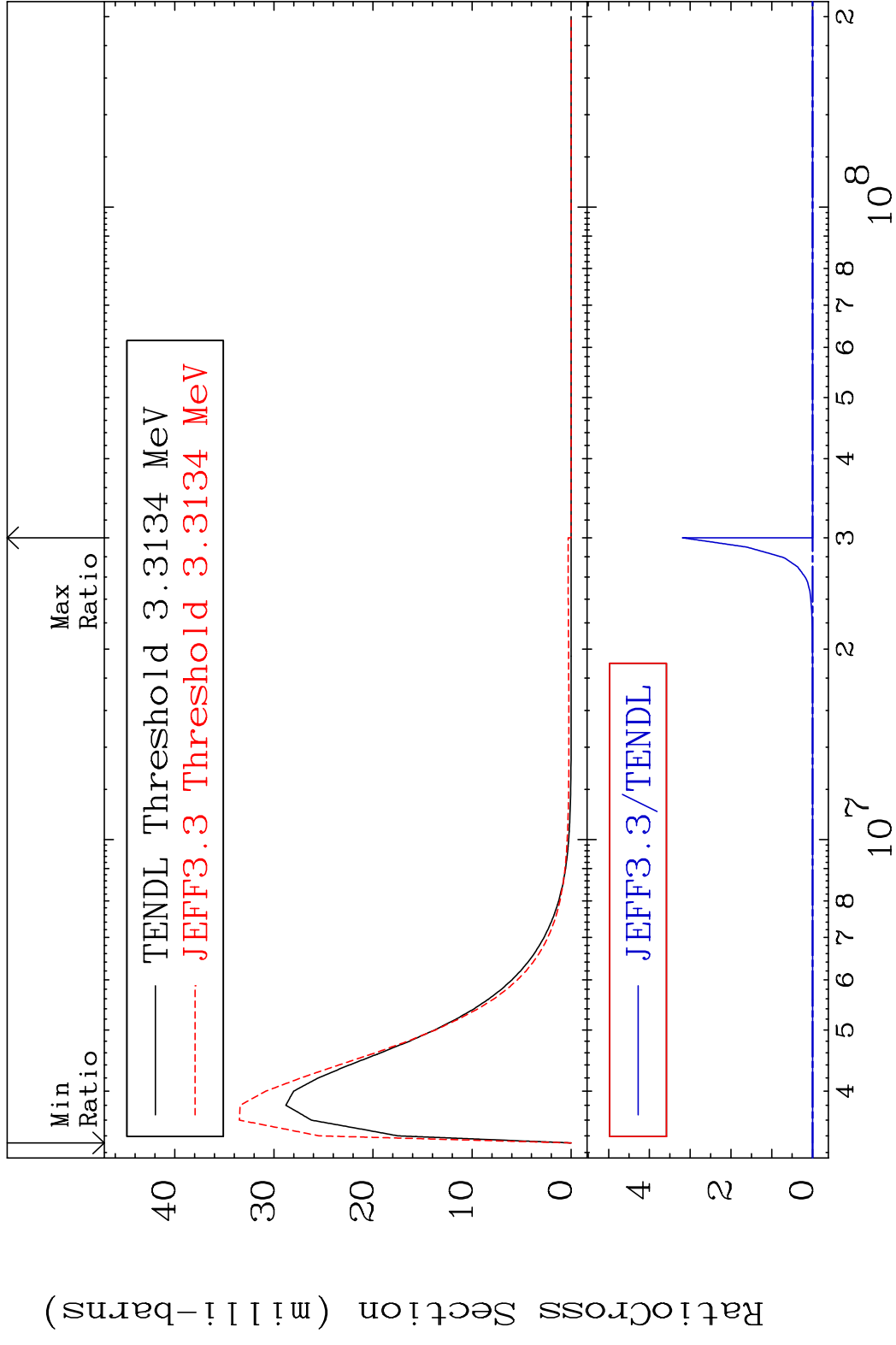
MAT 3025 MT= 66 (n, n') Level 30-Zn-64  
 Cross Section -29.55 To 38.78 %



MAT 3025 MT= 67 (n, n') Level 30-Zn-64  
 Cross Section -29.19 To 38.89 %

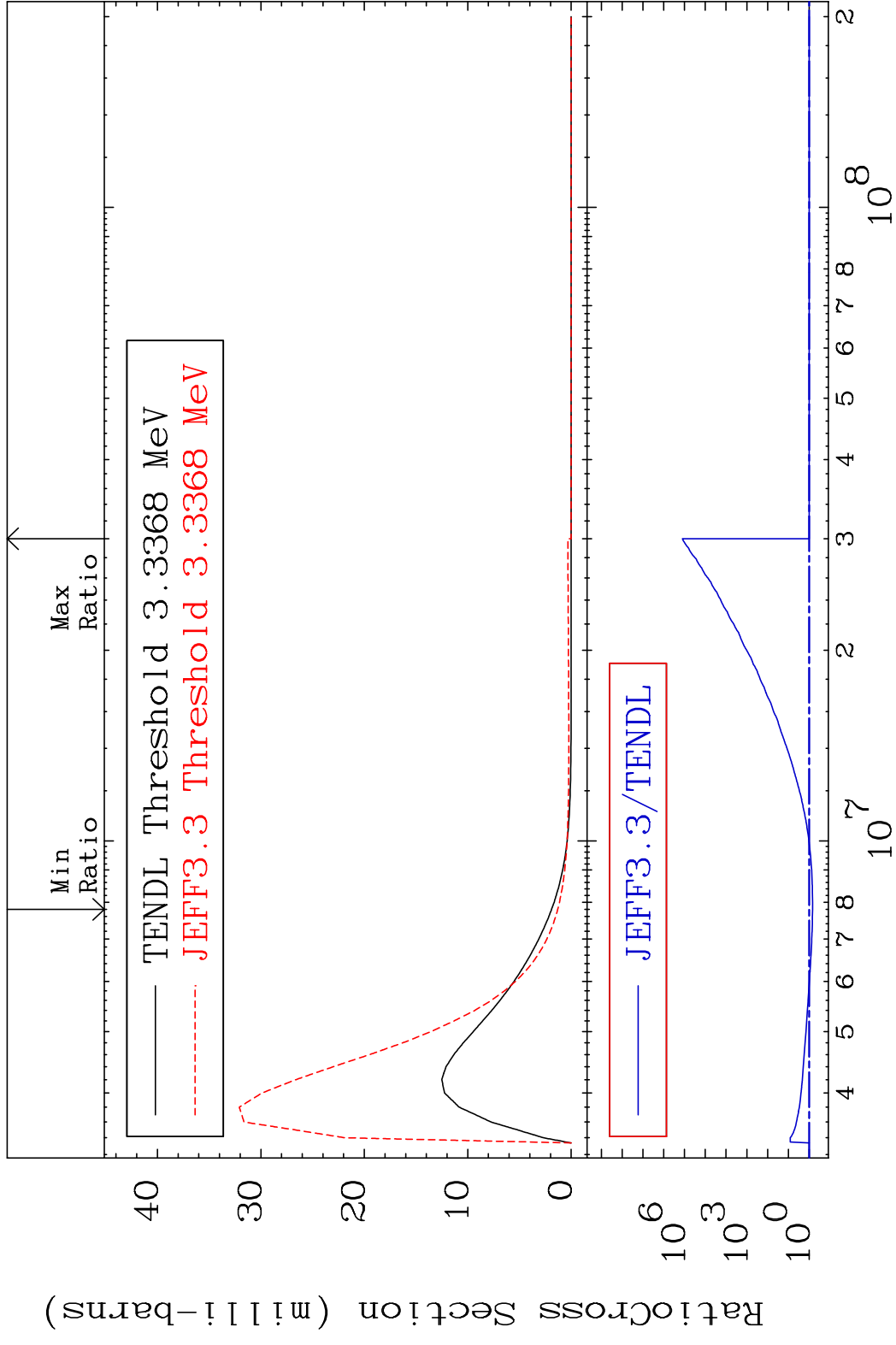


MAT 3025 MT= 68 (n, n') Level 30-Zn-64  
 Cross Section -100.0 To 9999. %

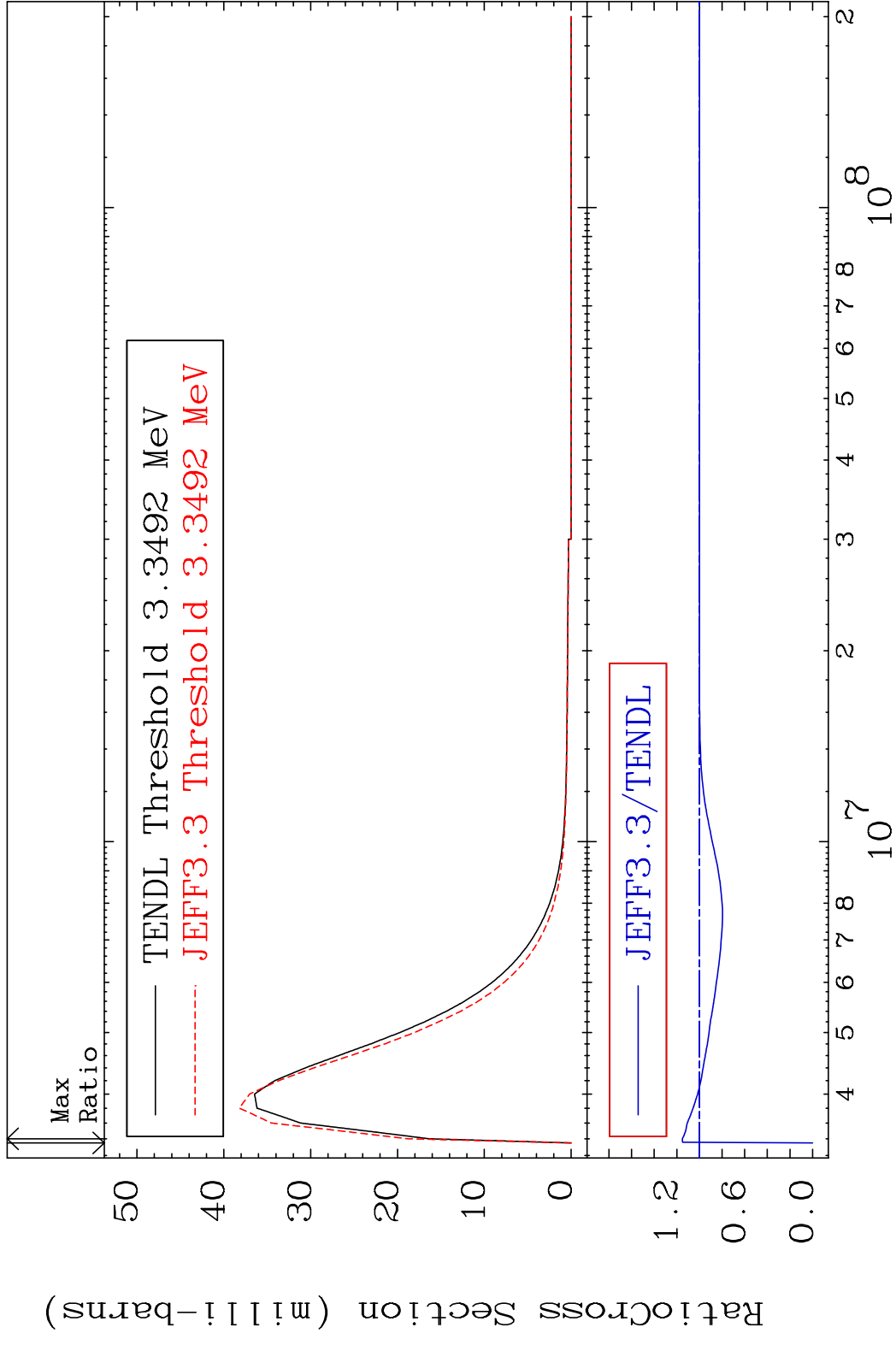


37 Incident Energy (eV) 30-Zn-64

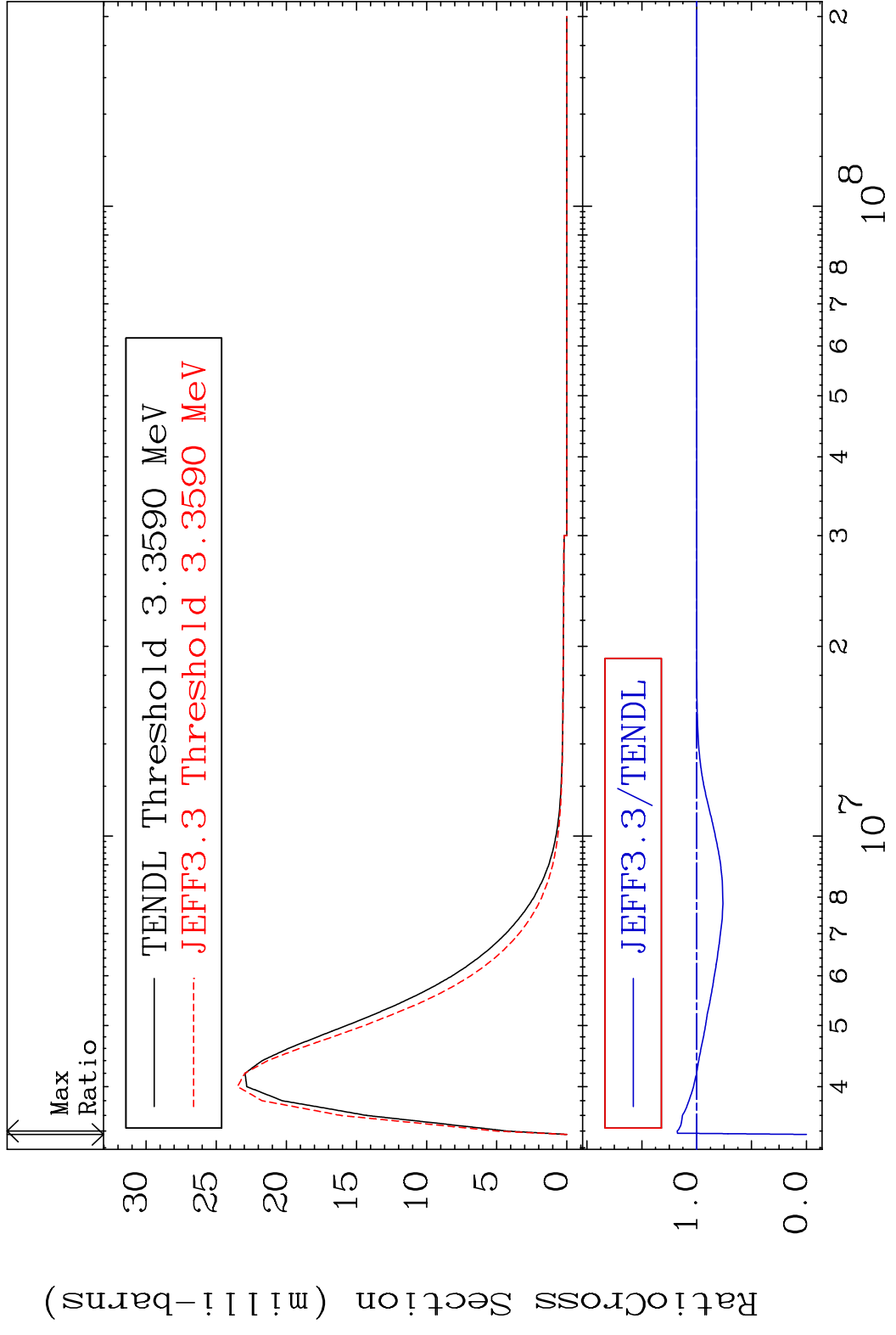
MAT 3025 MT= 69 (n, n') Level 30-Zn-64  
 Cross Section -31.51 To 9999. %



MAT 3025 MT= 70 (n, n') Level 30-Zn-64  
 Cross Section -100.0 To 15.09 %

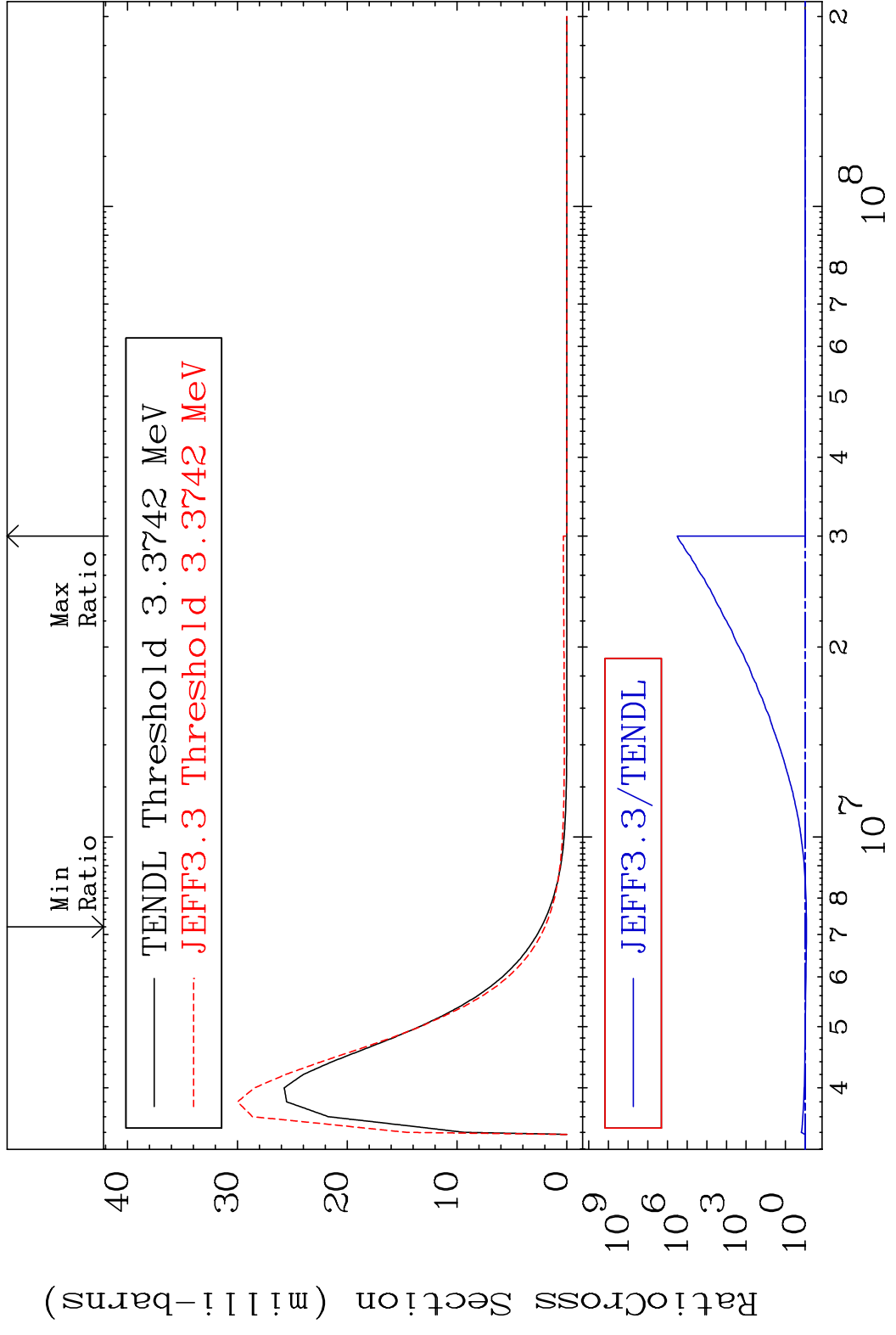


MAT 3025      MT= 71 (n,n') Level      30-Zn-64  
 Cross Section    -100.0 To 17.77 %

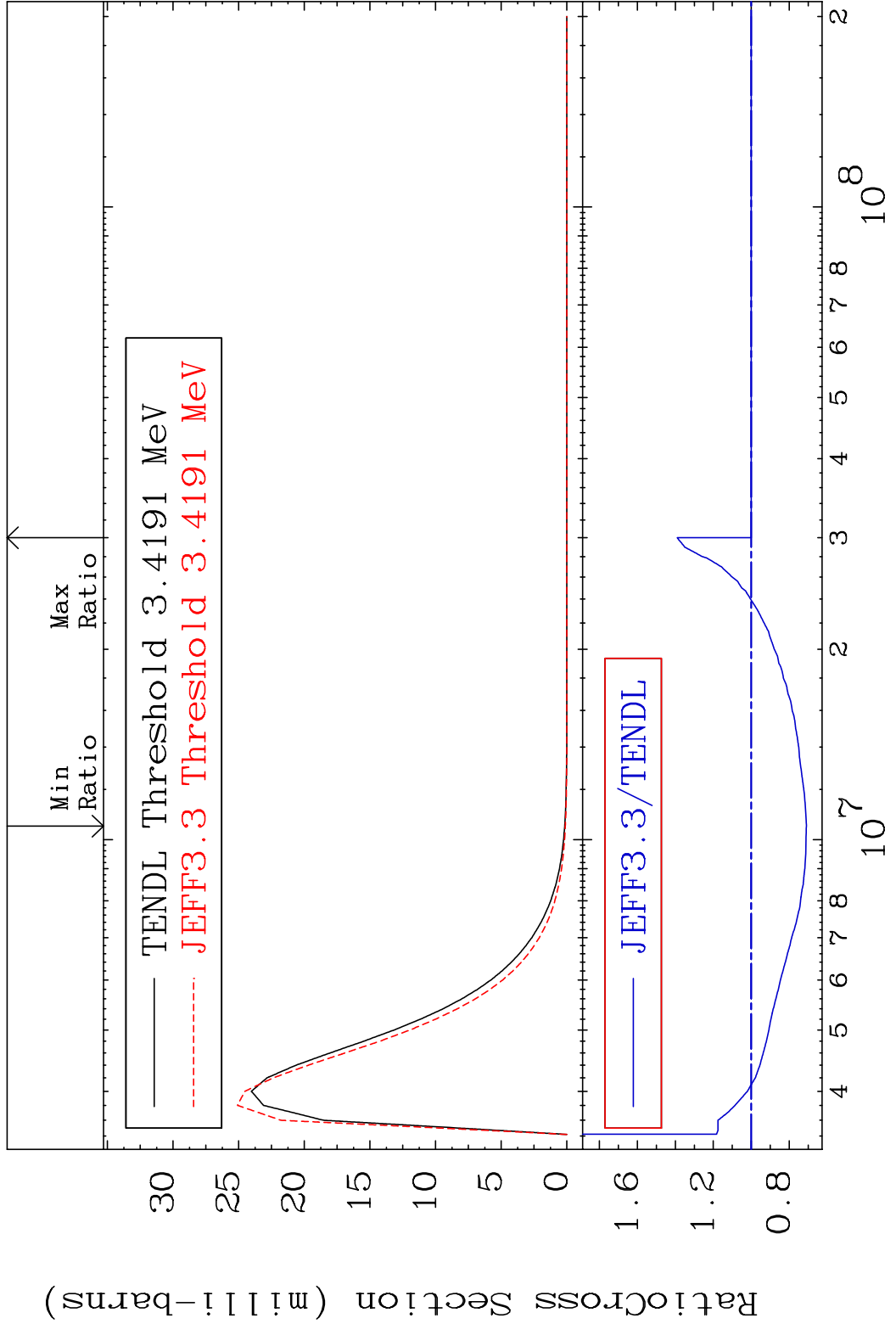


40

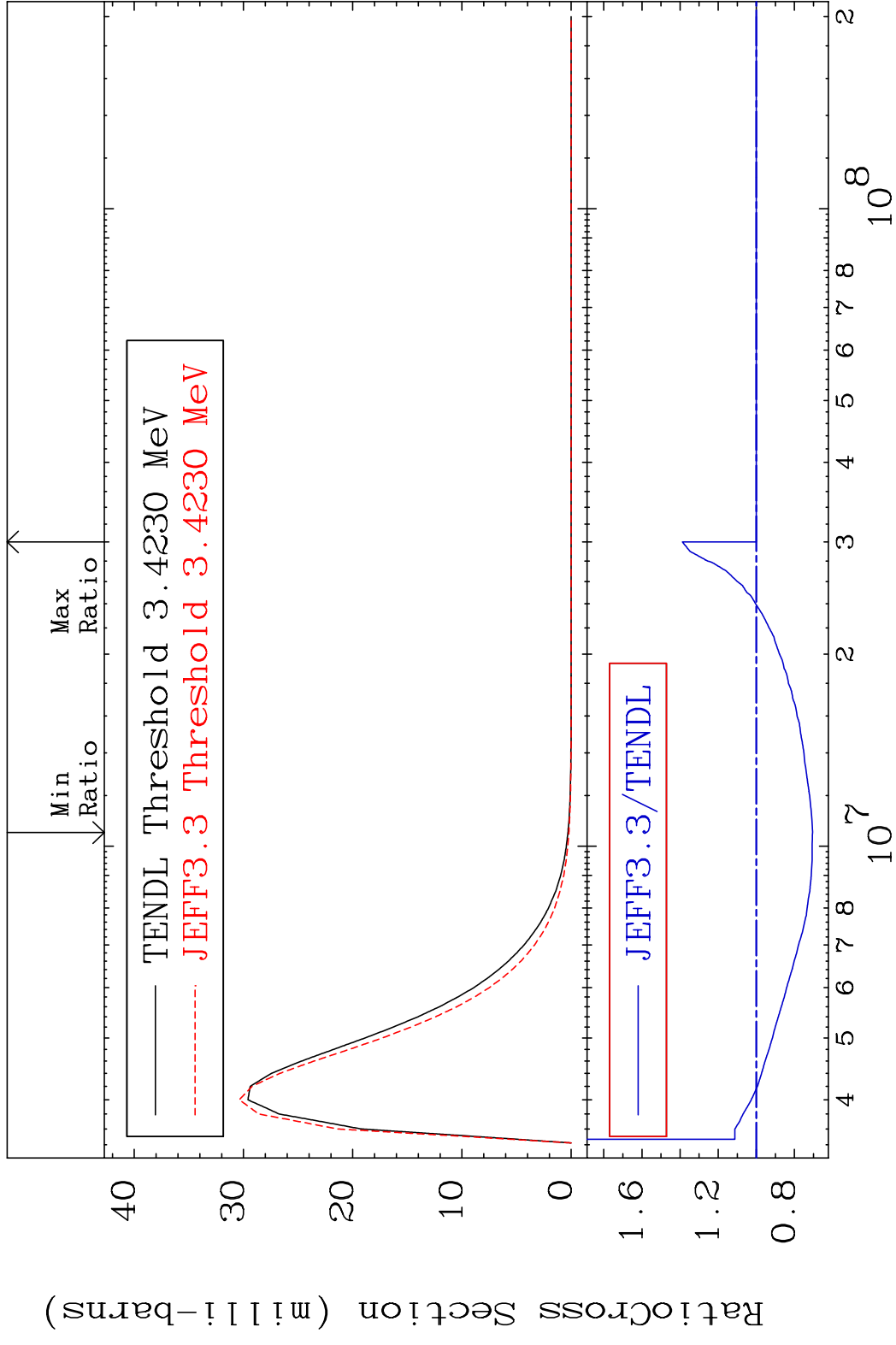
MAT 3025 MT= 72 (n,n') Level 30-Zn-64  
 Cross Section -13.72 To 9999. %



MAT 3025 MT= 73 (n, n') Level 30-Zn-64  
 Cross Section -29.01 To 39.02 %

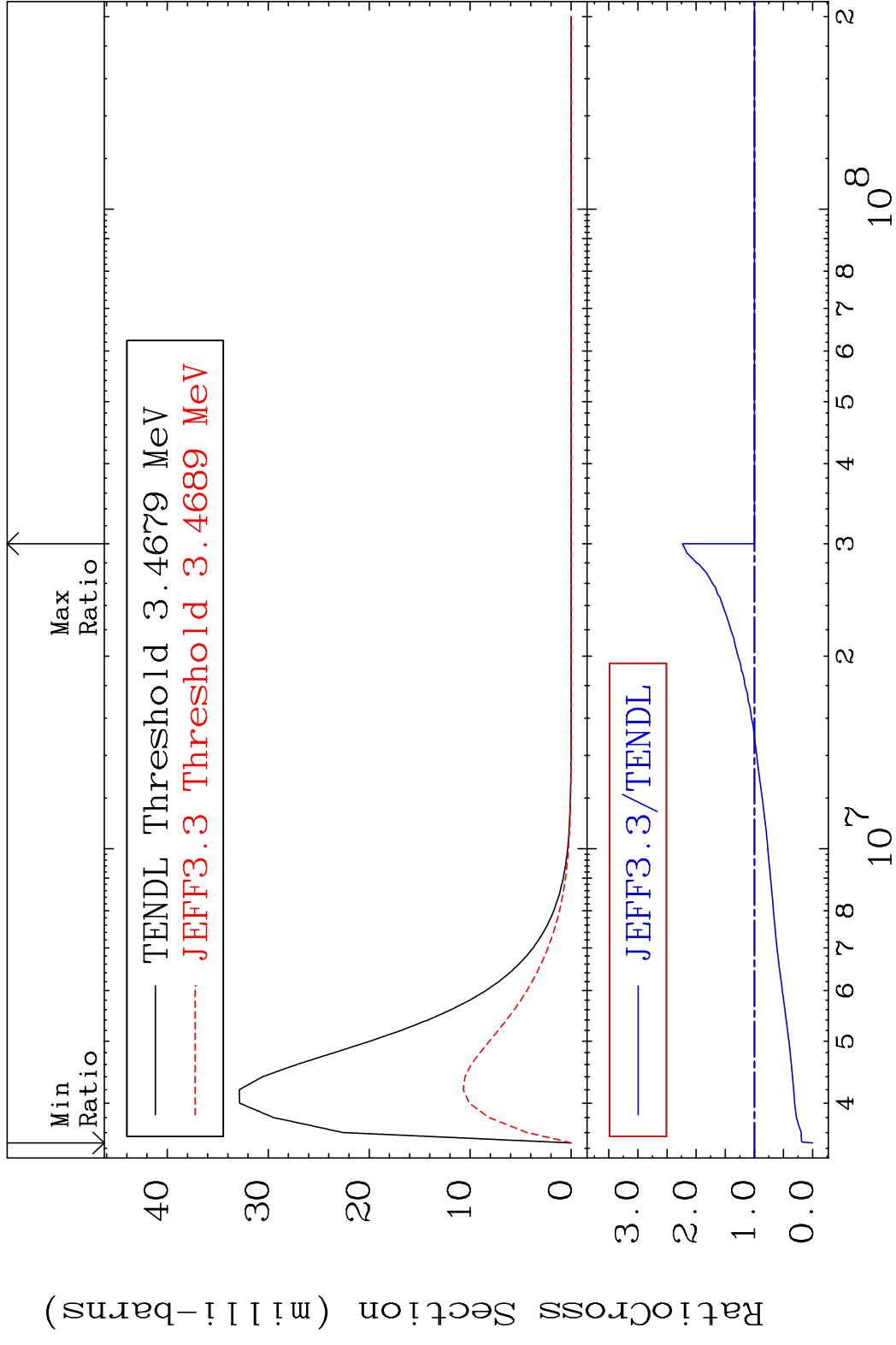


MAT 3025 MT= 74 (n, n') Level 30-Zn-64  
 Cross Section -29.49 To 38.79 %

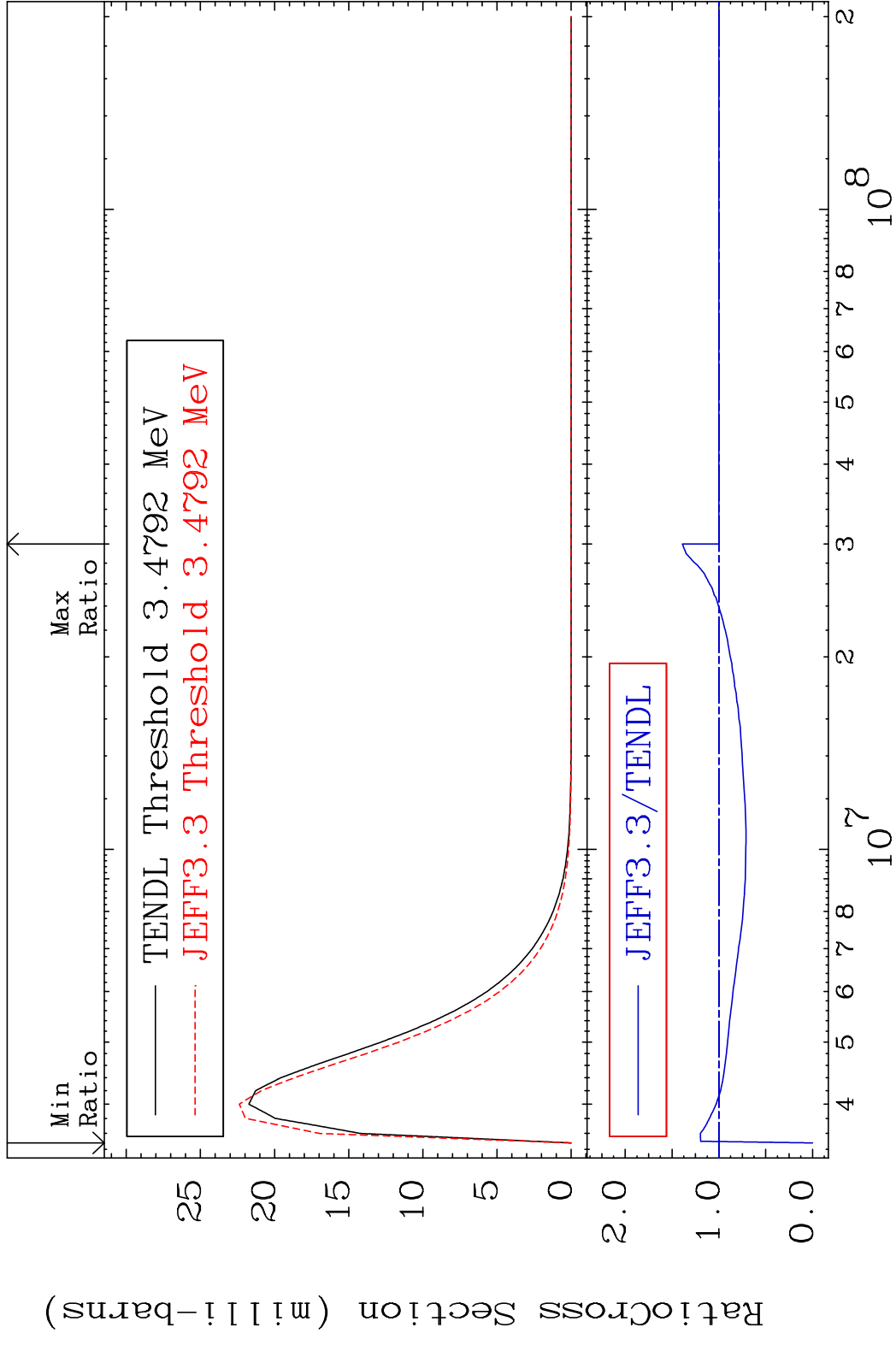


43 Incident Energy (eV) 30-Zn-64

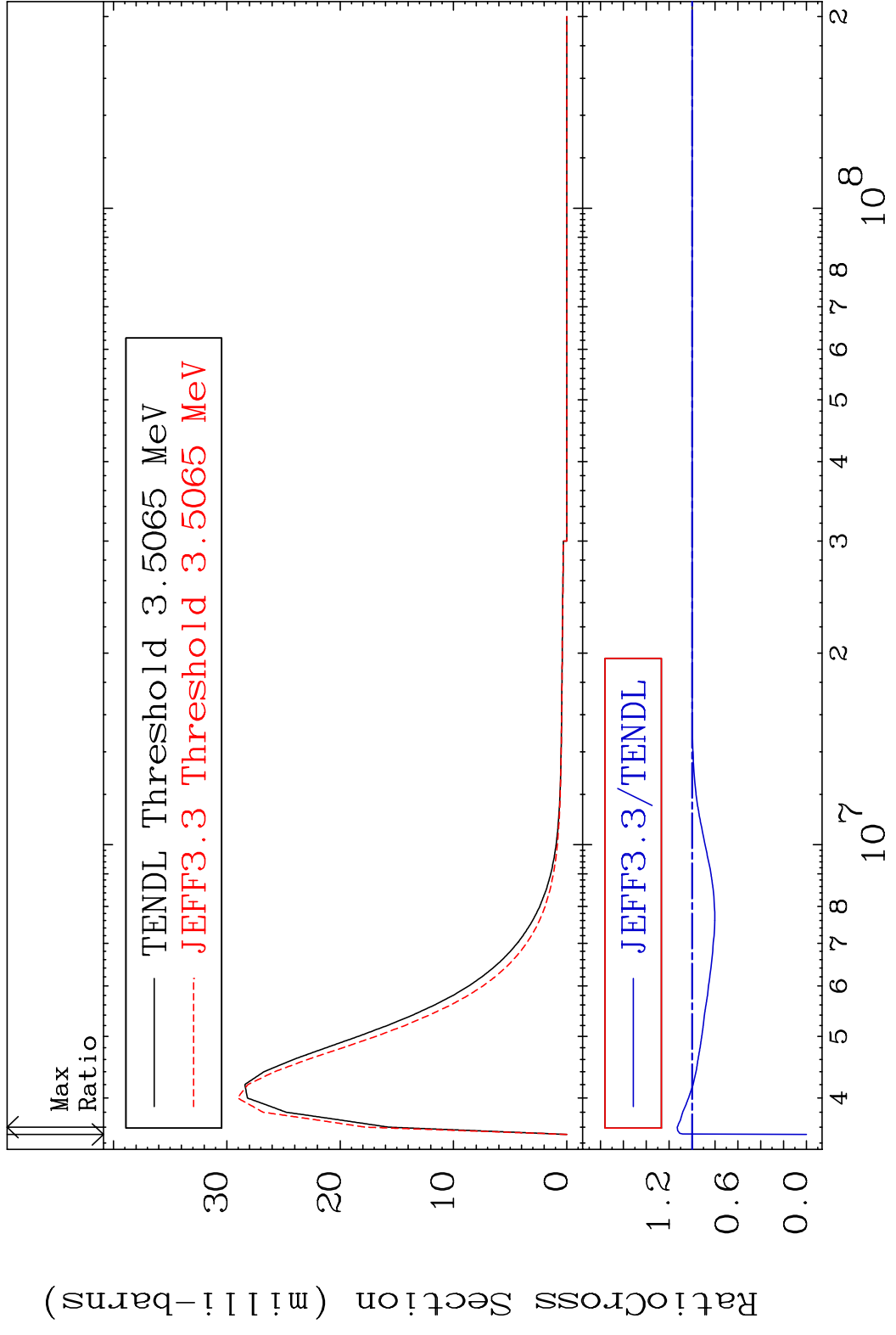
MAT 3025 MT= 75 (n, n') Level 30-Zn-64  
 Cross Section -100.0 To 123.7 %



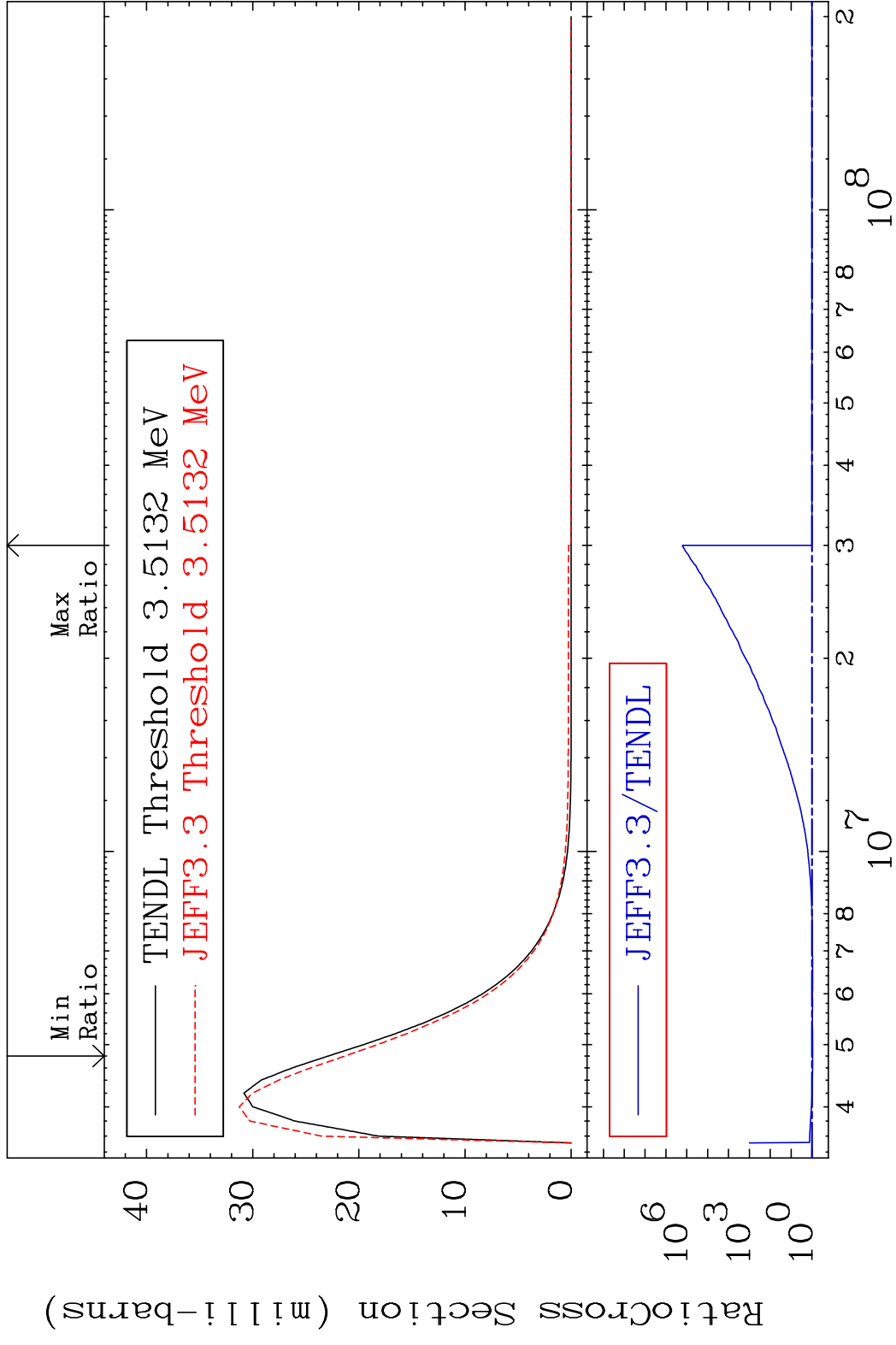
MAT 3025 MT= 76 (n, n') Level 30-Zn-64  
 Cross Section -100.0 To 39.03 %



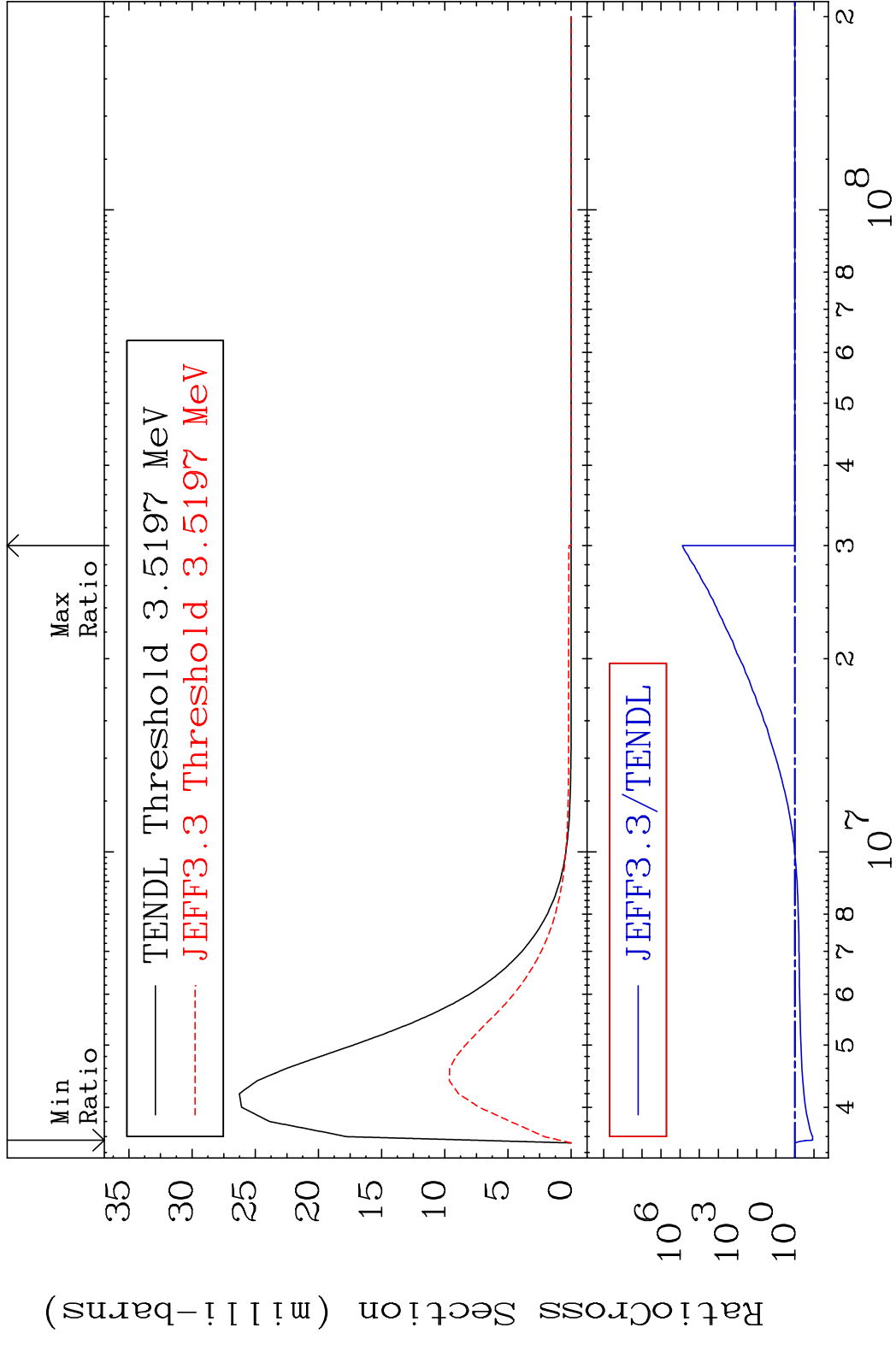
MAT 3025      MT= 77 (n,n') Level      30-Zn-64  
 Cross Section    -100.0 To 13.00 %



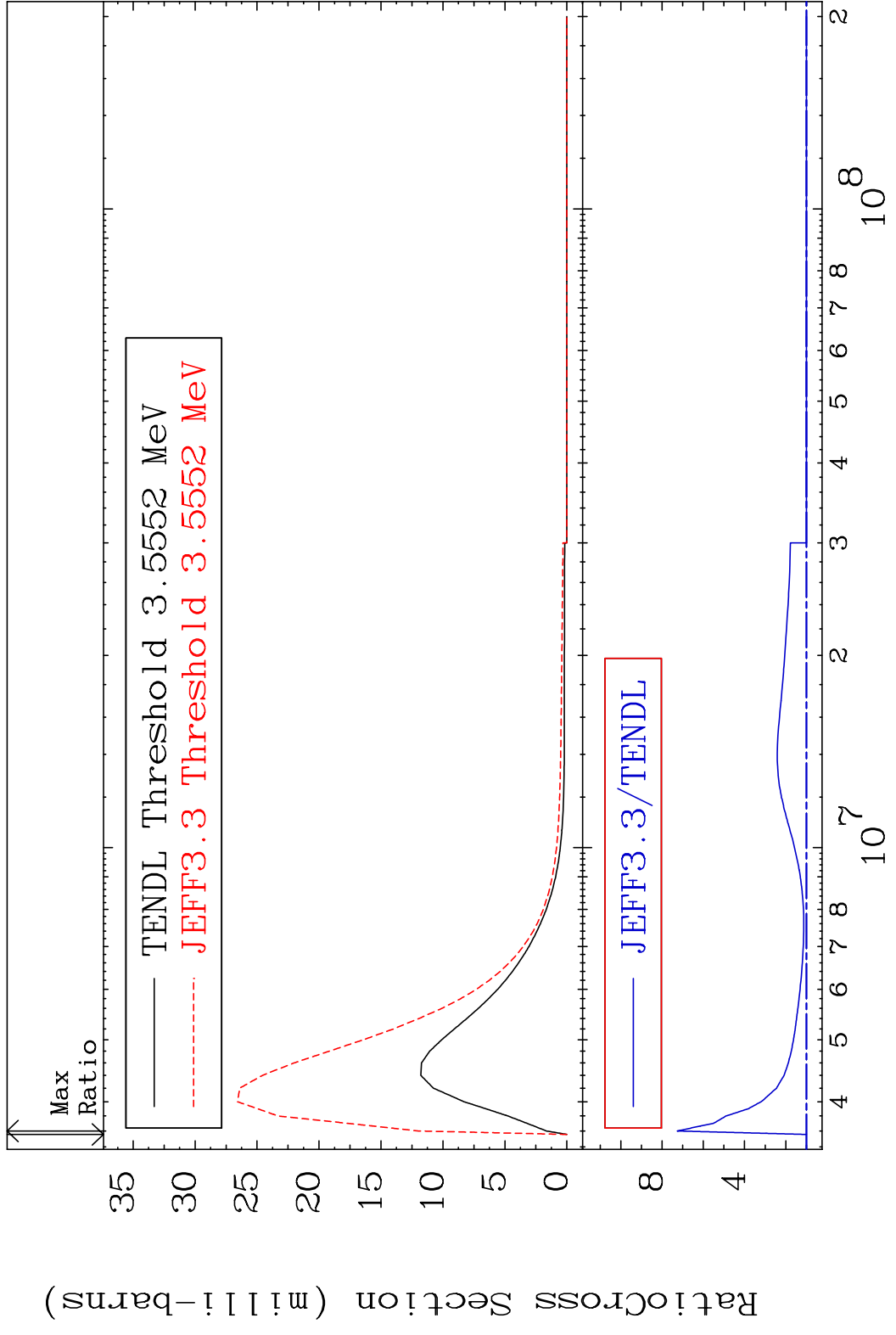
MAT 3025 MT= 78 (n, n') Level 30-Zn-64  
 Cross Section -6.891 To 9999. %



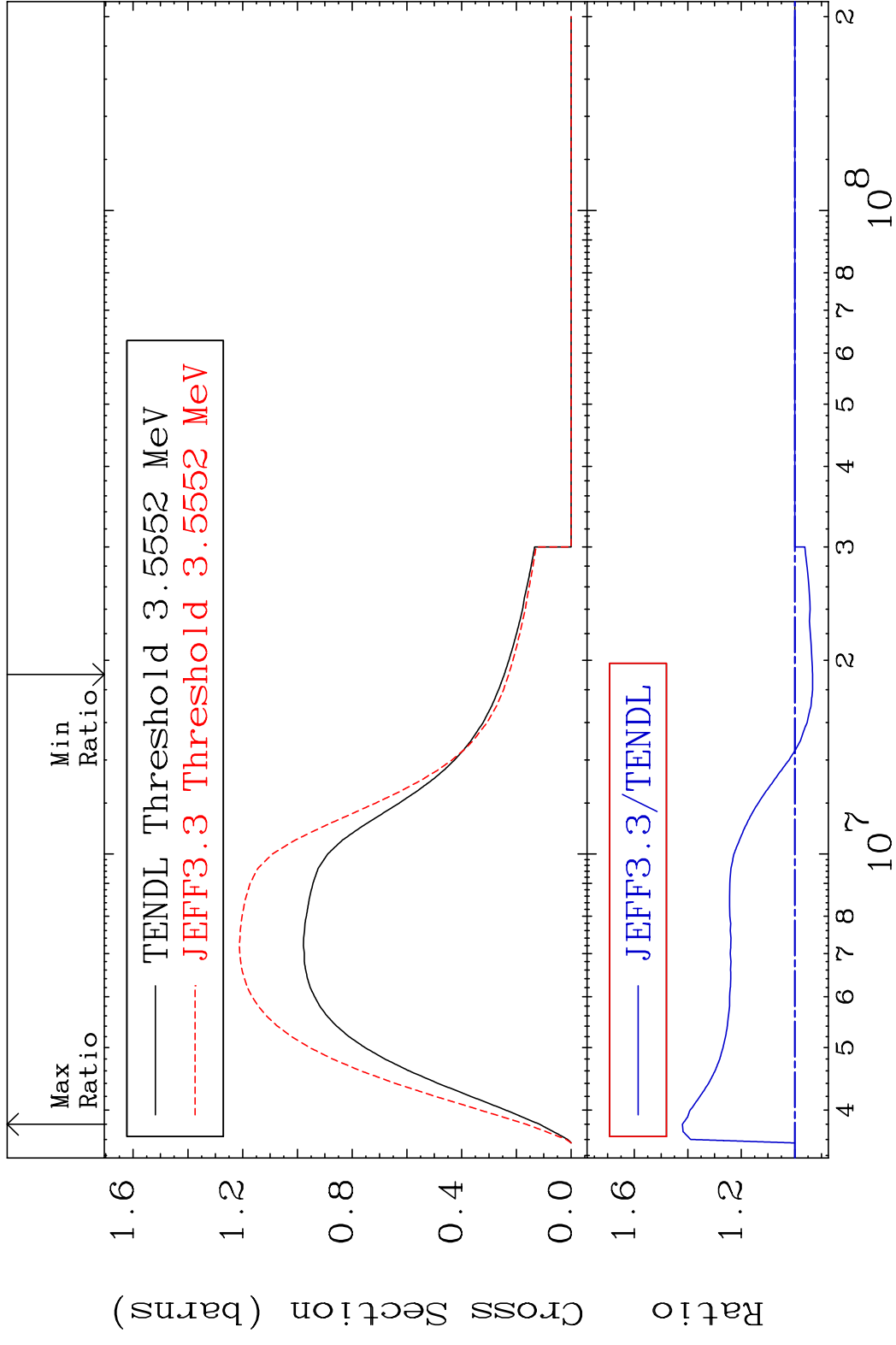
MAT 3025 MT= 79 (n, n') Level 30-Zn-64  
 Cross Section -88.06 To 9999. %



MAT 3025 MT= 80 (n, n') Level 30-Zn-64  
 Cross Section 0.000 To 626.7 %



MAT 3025 (n,n') Continuum 30-Zn-64  
 Cross Section -6.669 To 42.05 %

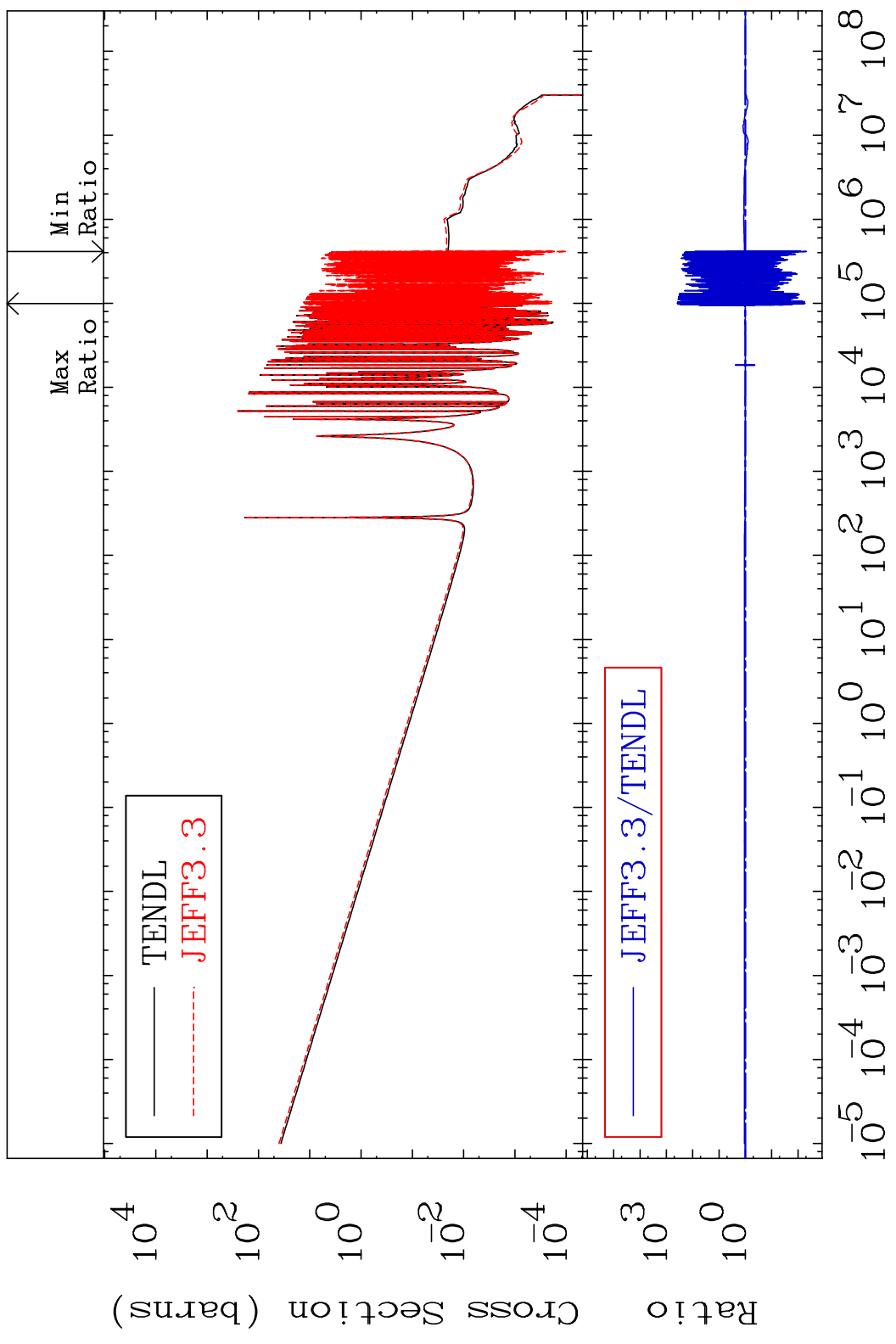


MAT 3025

(n,  $\gamma$ )

30-Zn-64

Cross Section -99.52 To 9999. %



Max Ratio  
Min Ratio

TENDL  
JEFF3.3

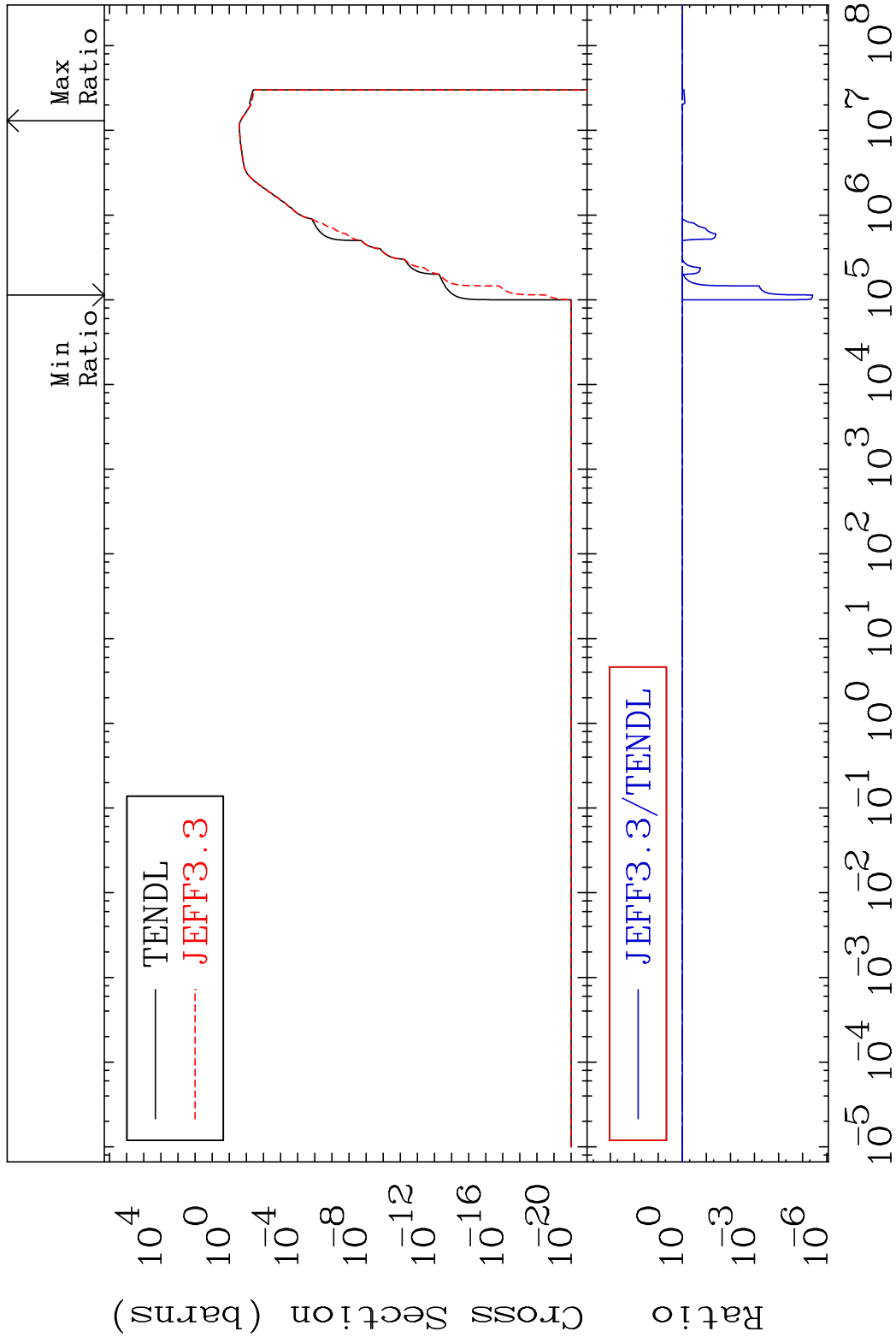
JEFF3.3/TENDL

MAT 3025

(n, p)

30-Zn-64

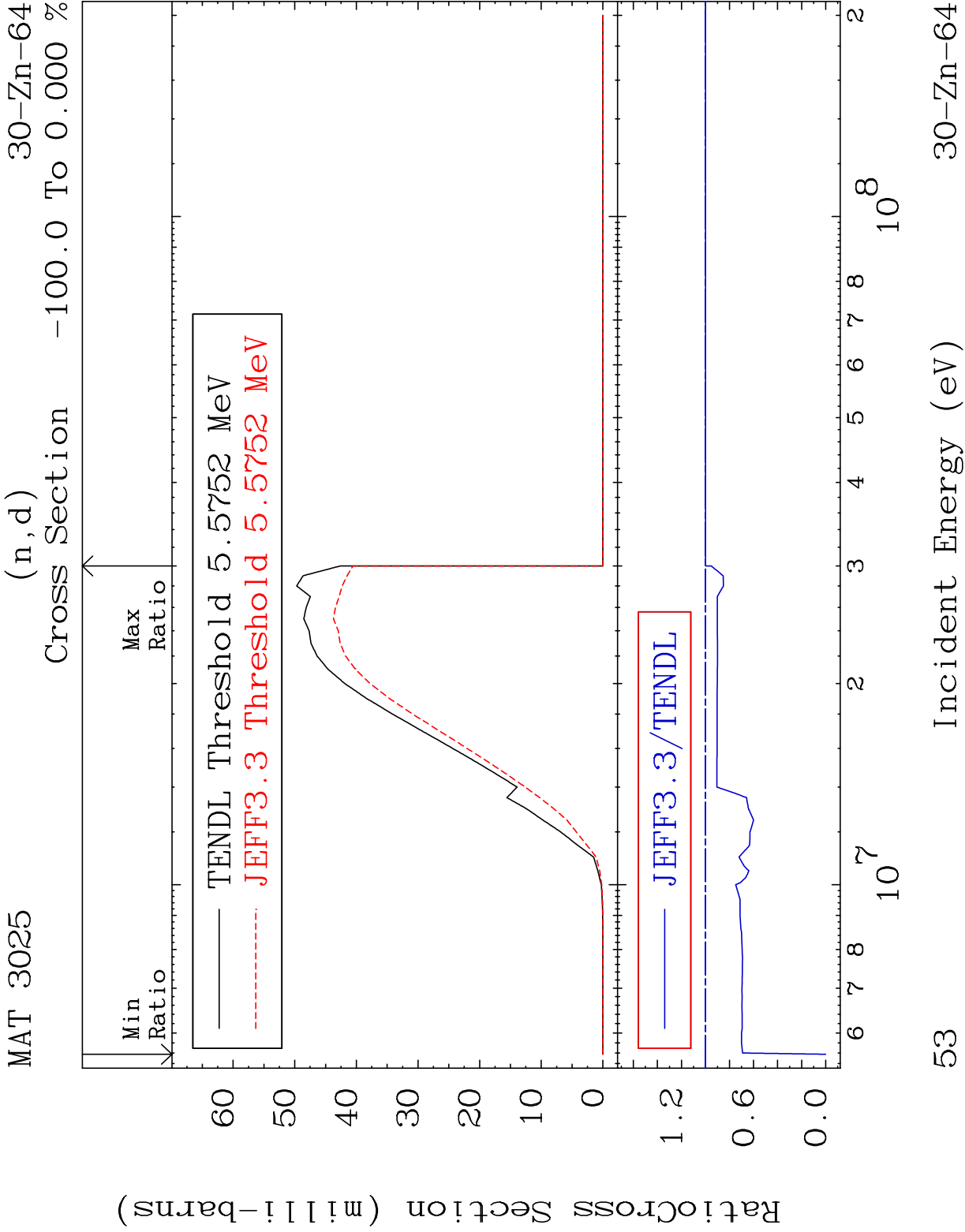
Cross Section -100.0 To 0.195 %



52

Incident Energy (eV)

30-Zn-64

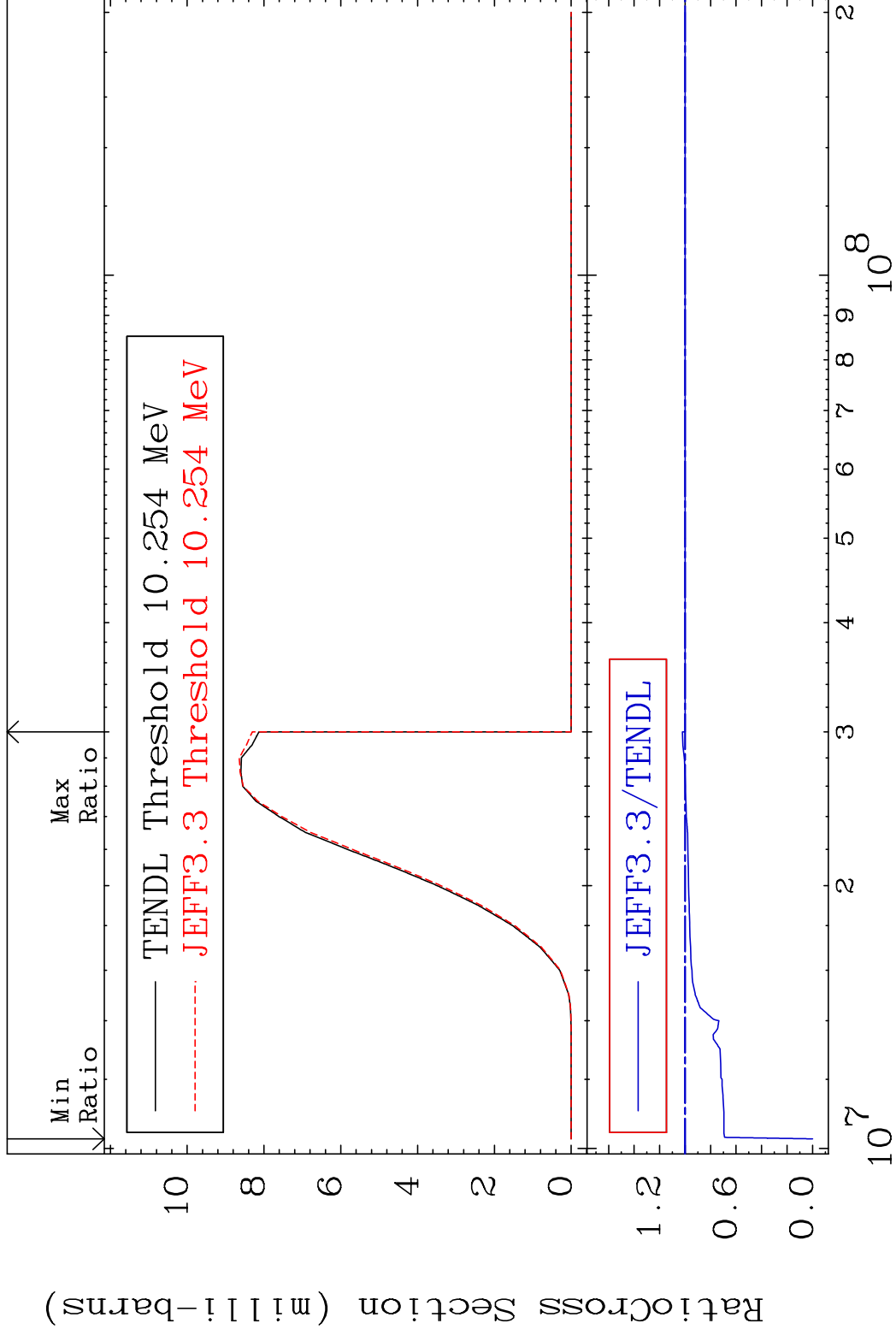


MAT 3025

(n, t)

30-Zn-64

Cross Section -100.0 To 2.152 %

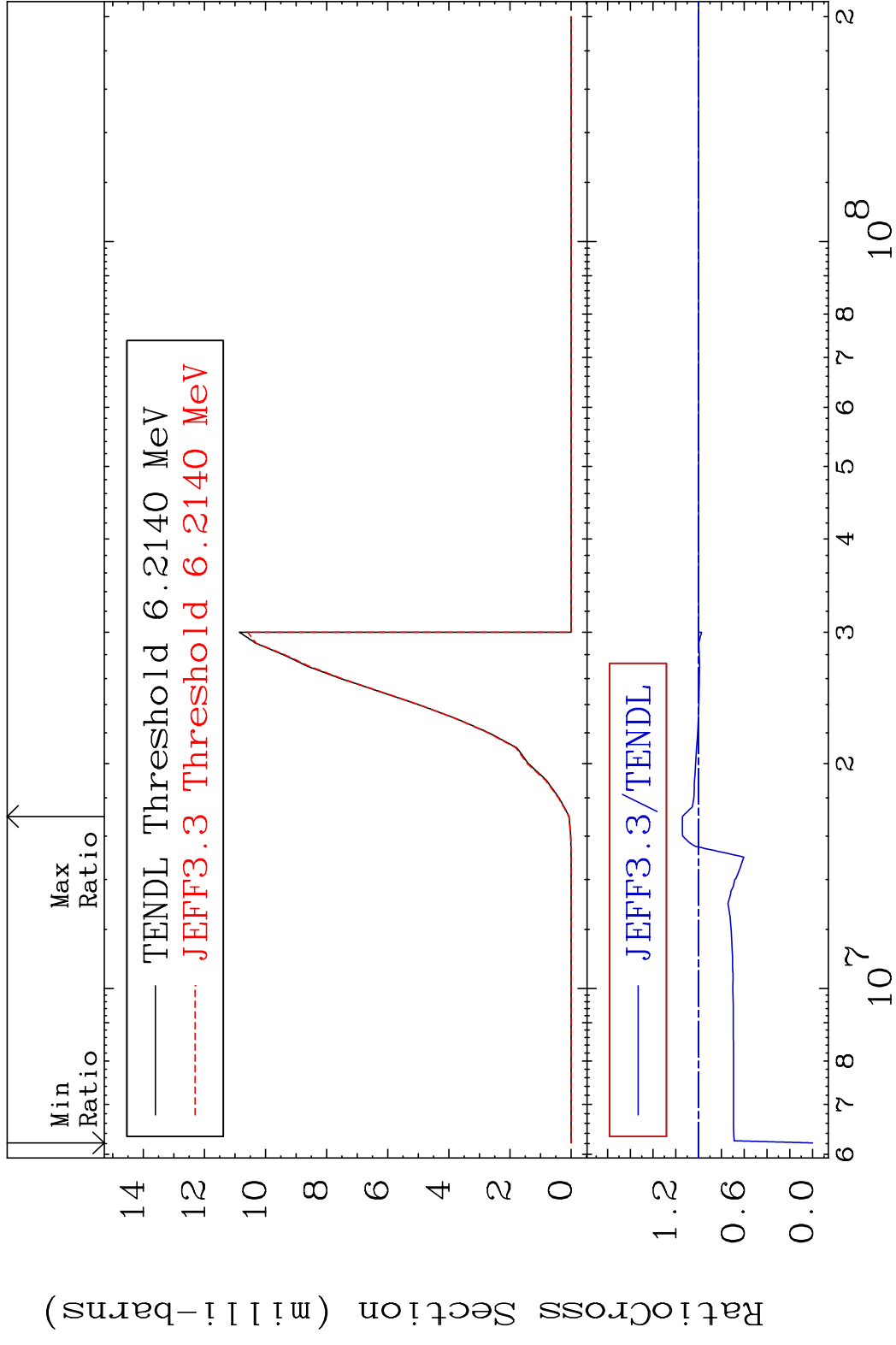


54

Incident Energy (eV)

30-Zn-64

MAT 3025 (n, He-3) 30-Zn-64  
 Cross Section -100.0 To 14.30 %

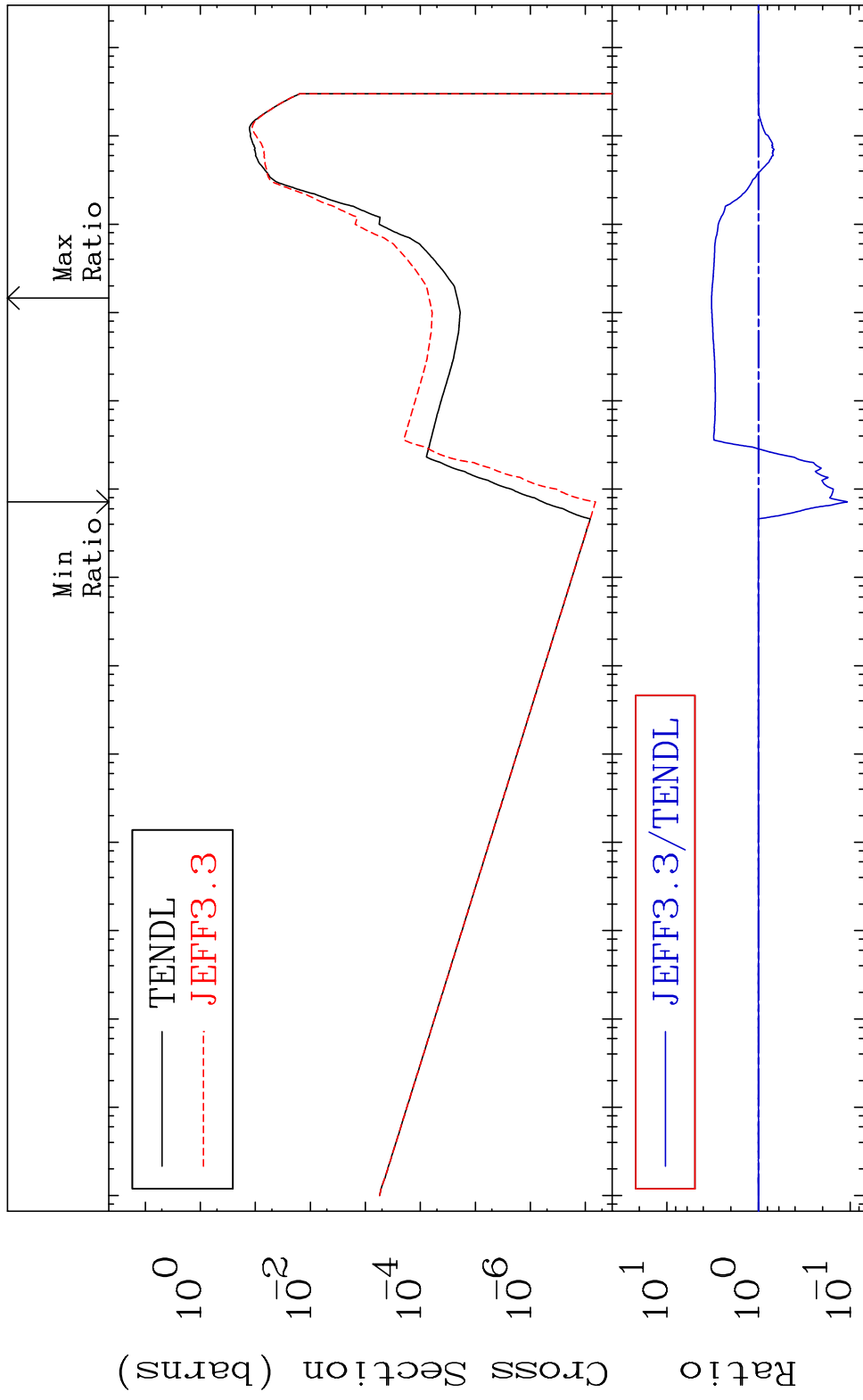


MAT 3025

30-Zn-64

(n,  $\alpha$ )

Cross Section -89.26 To 225.1 %

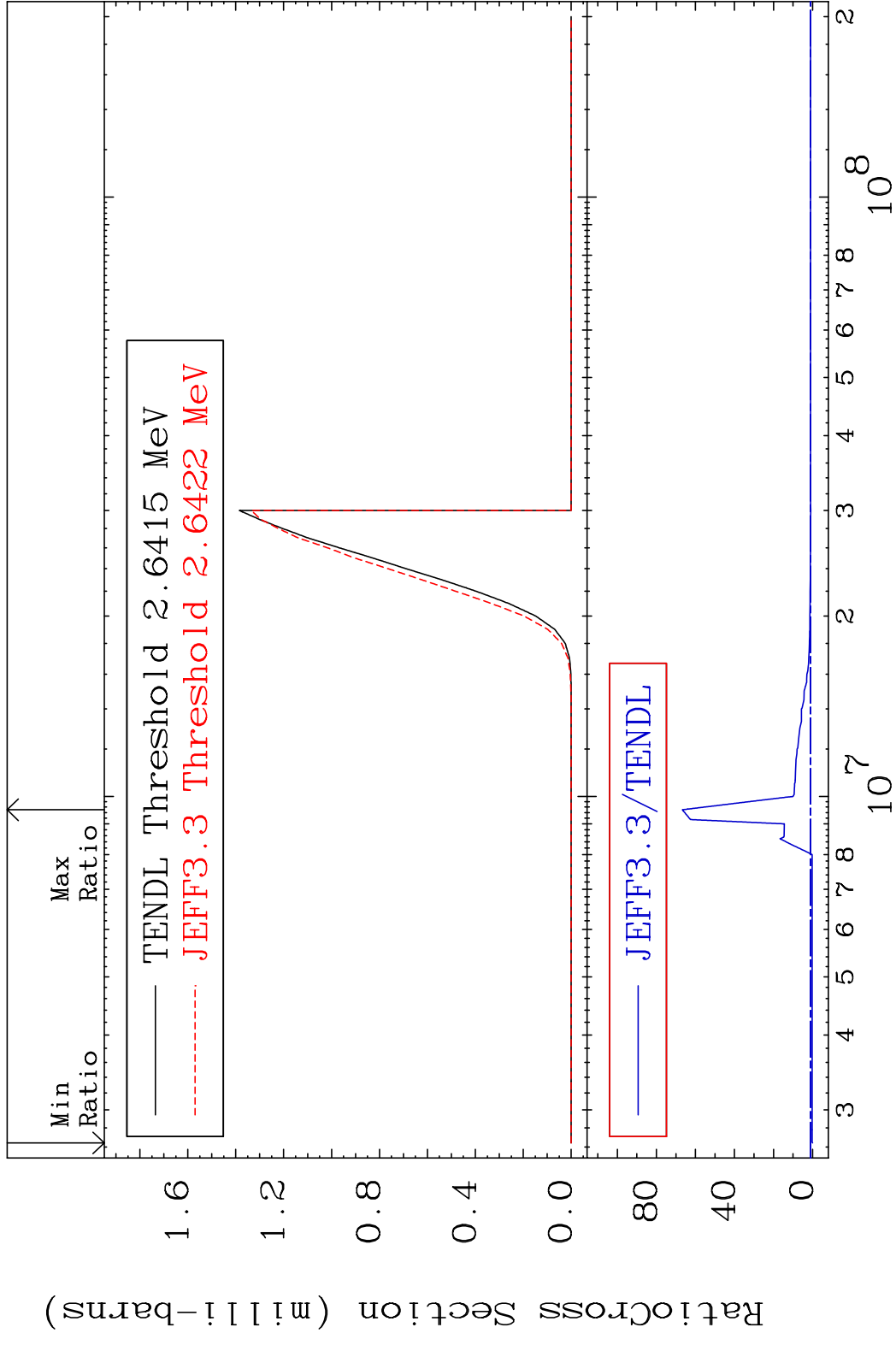


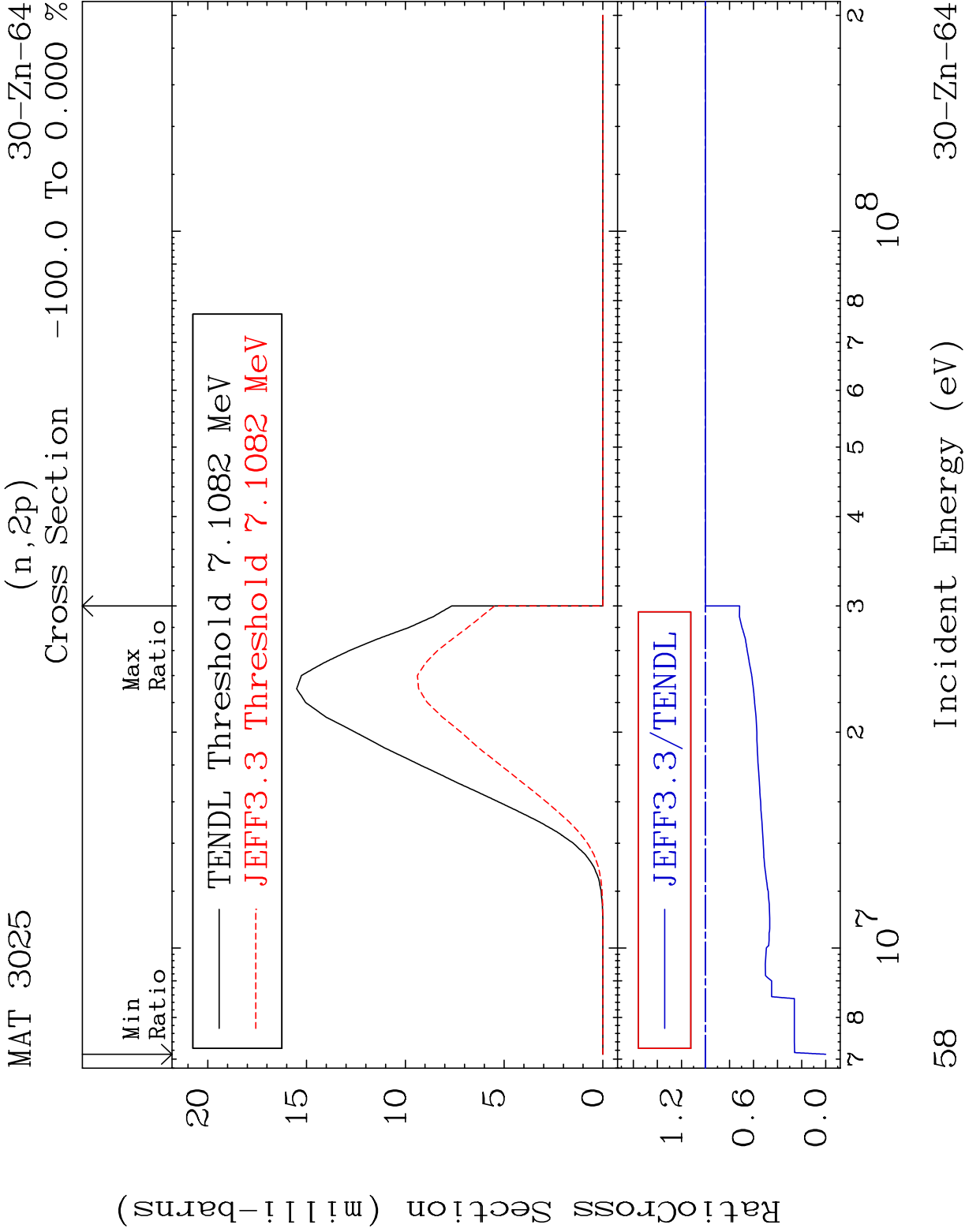
56

Incident Energy (eV)

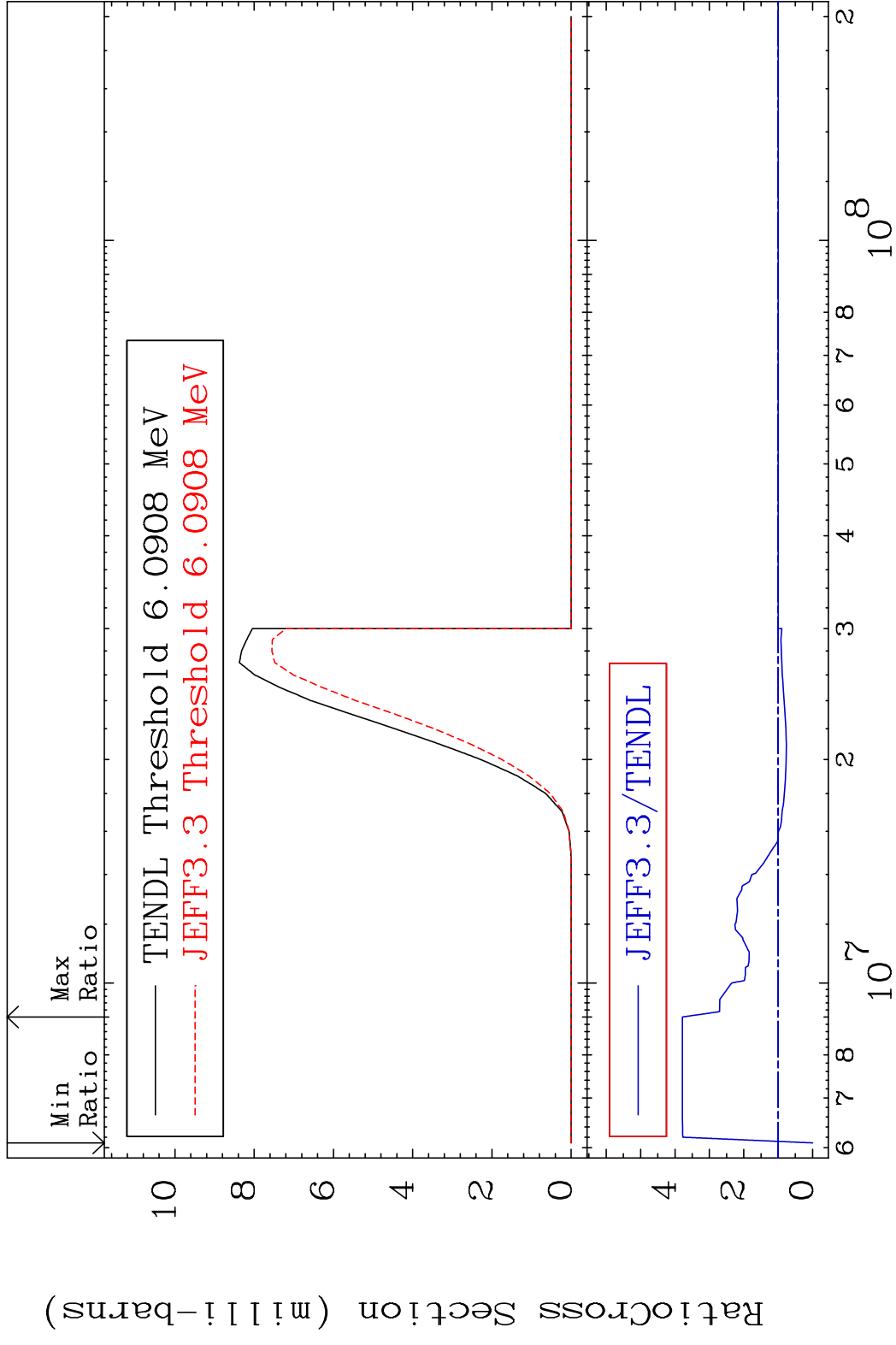
30-Zn-64

MAT 3025 (n,2α) 30-Zn-64  
 Cross Section -100.0 To 6571. %

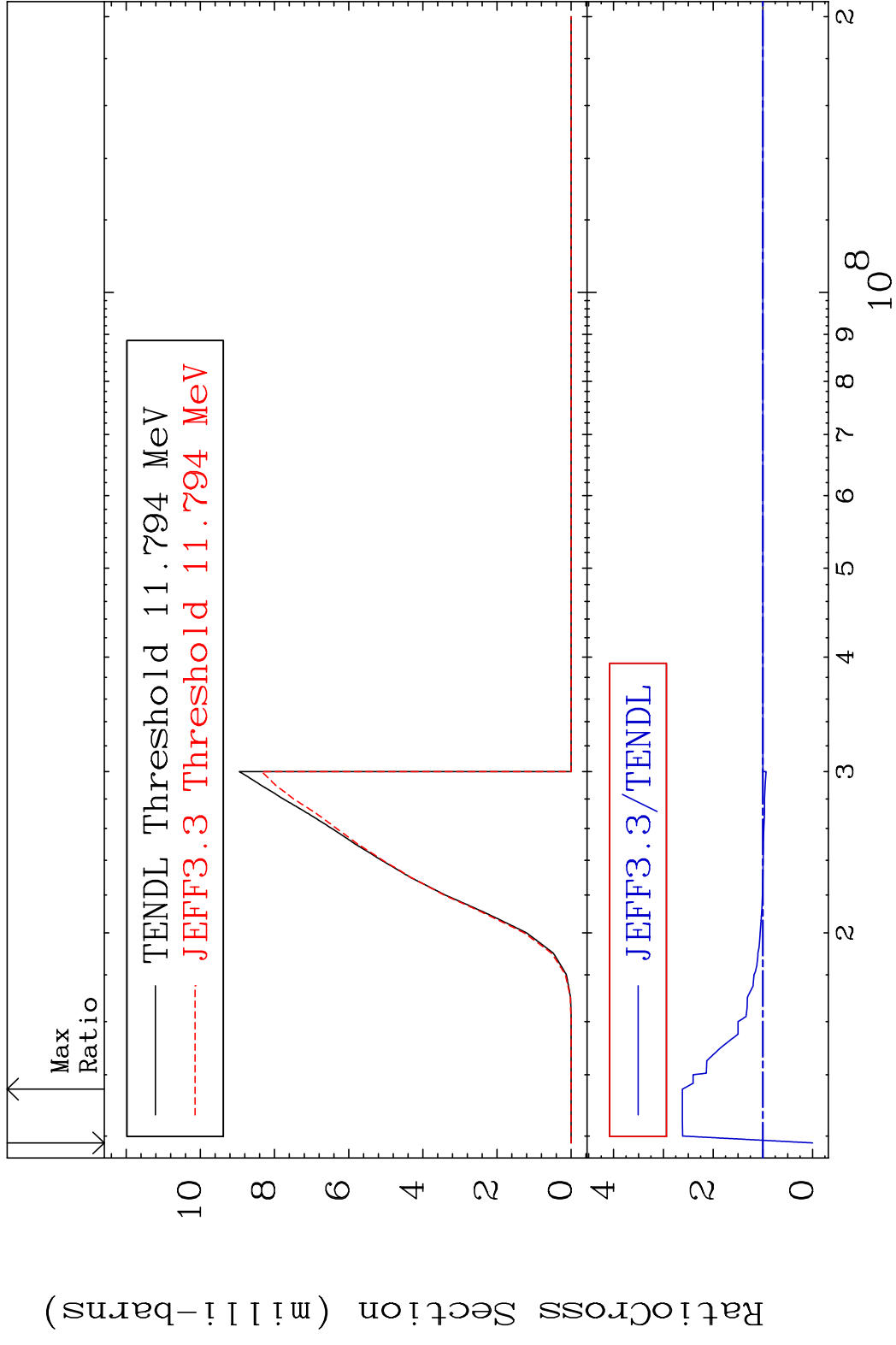




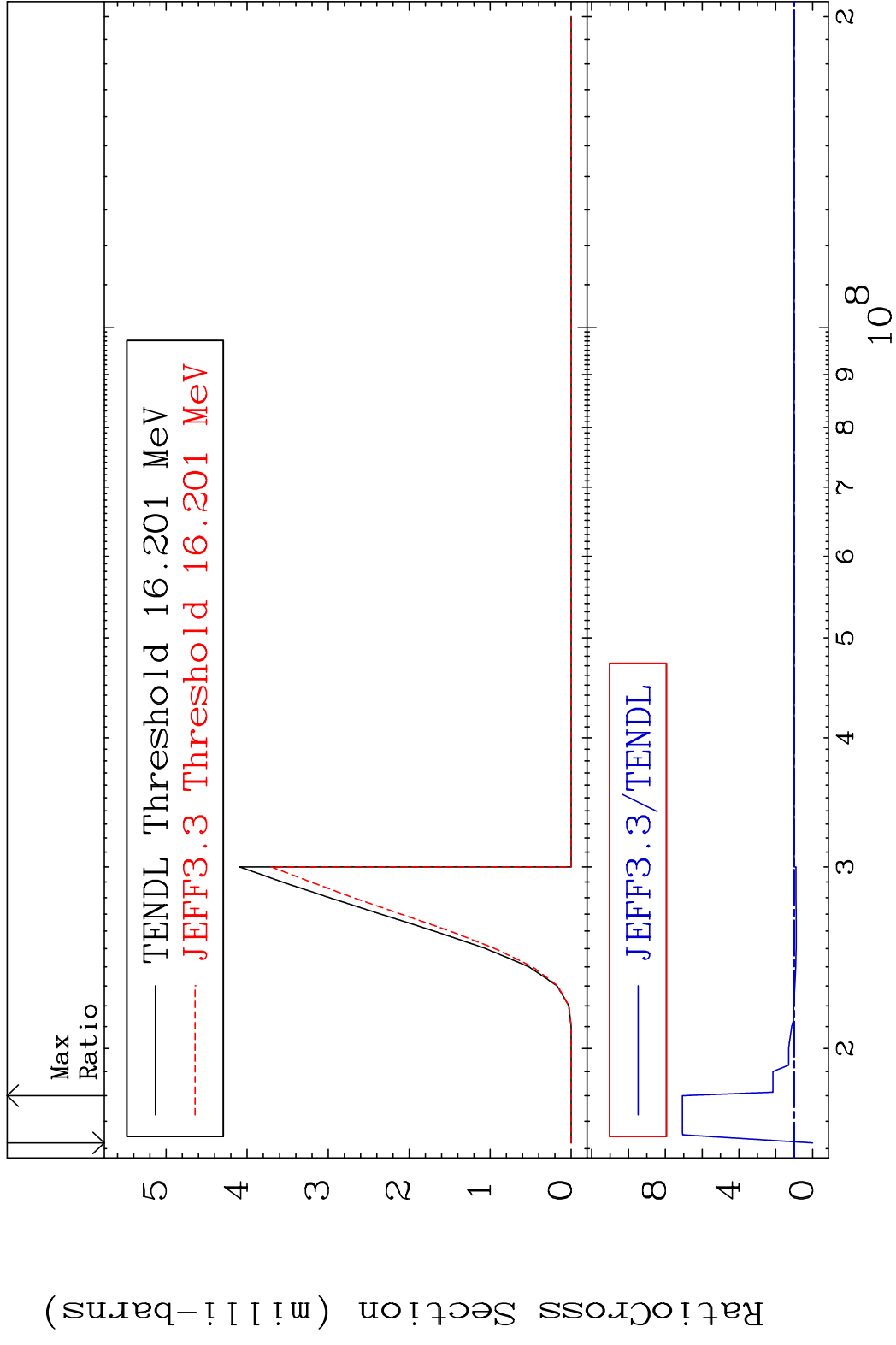
MAT 3025 (n,p)  $\alpha$  30-Zn-64  
 Cross Section -100.0 To 278.6 %



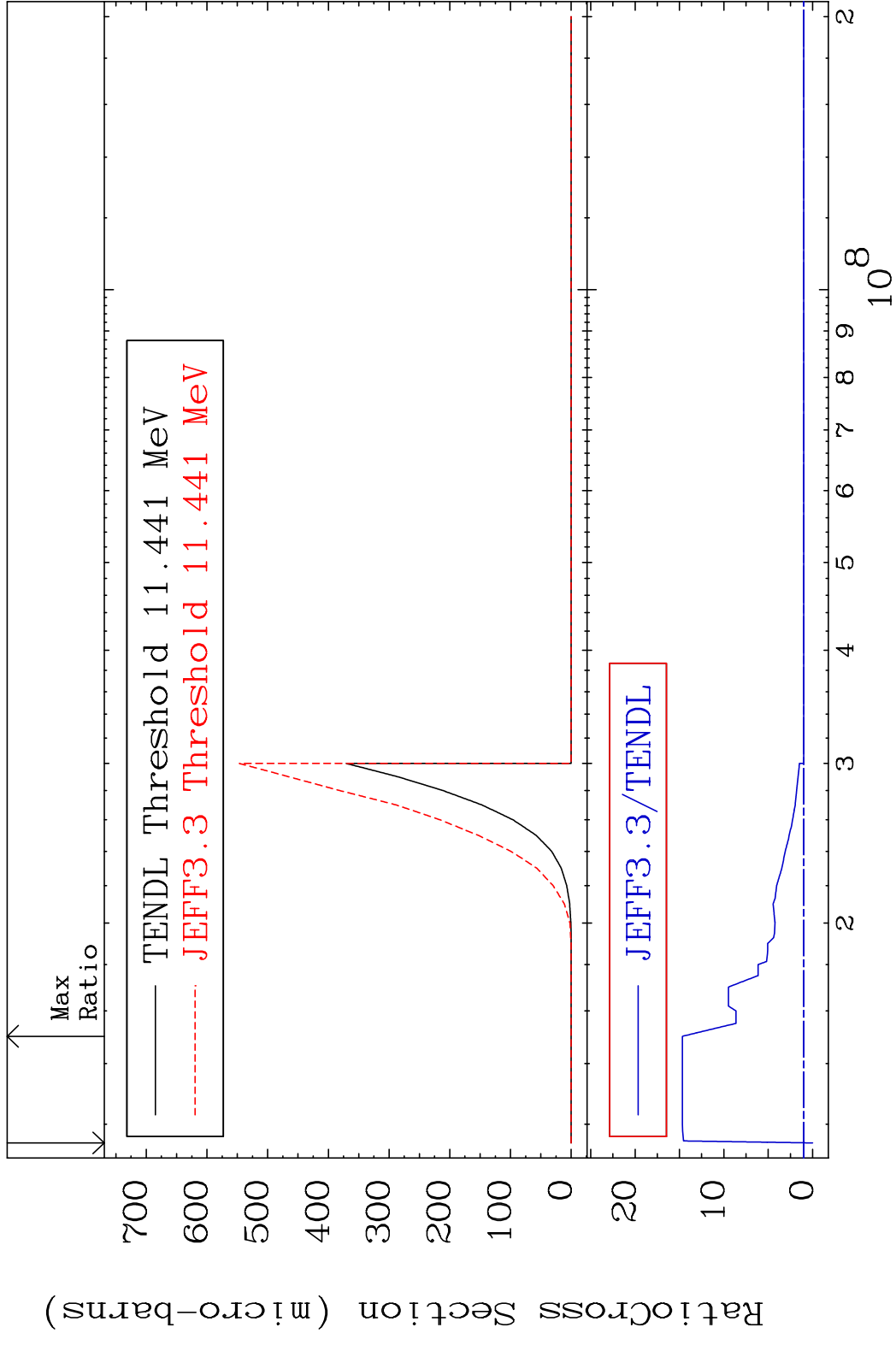
MAT 3025 (n,p) d 30-Zn-64  
 Cross Section -100.0 To 161.8 %



MAT 3025 (n,p) t 30-Zn-64  
 Cross Section -100.0 To 607.4 %



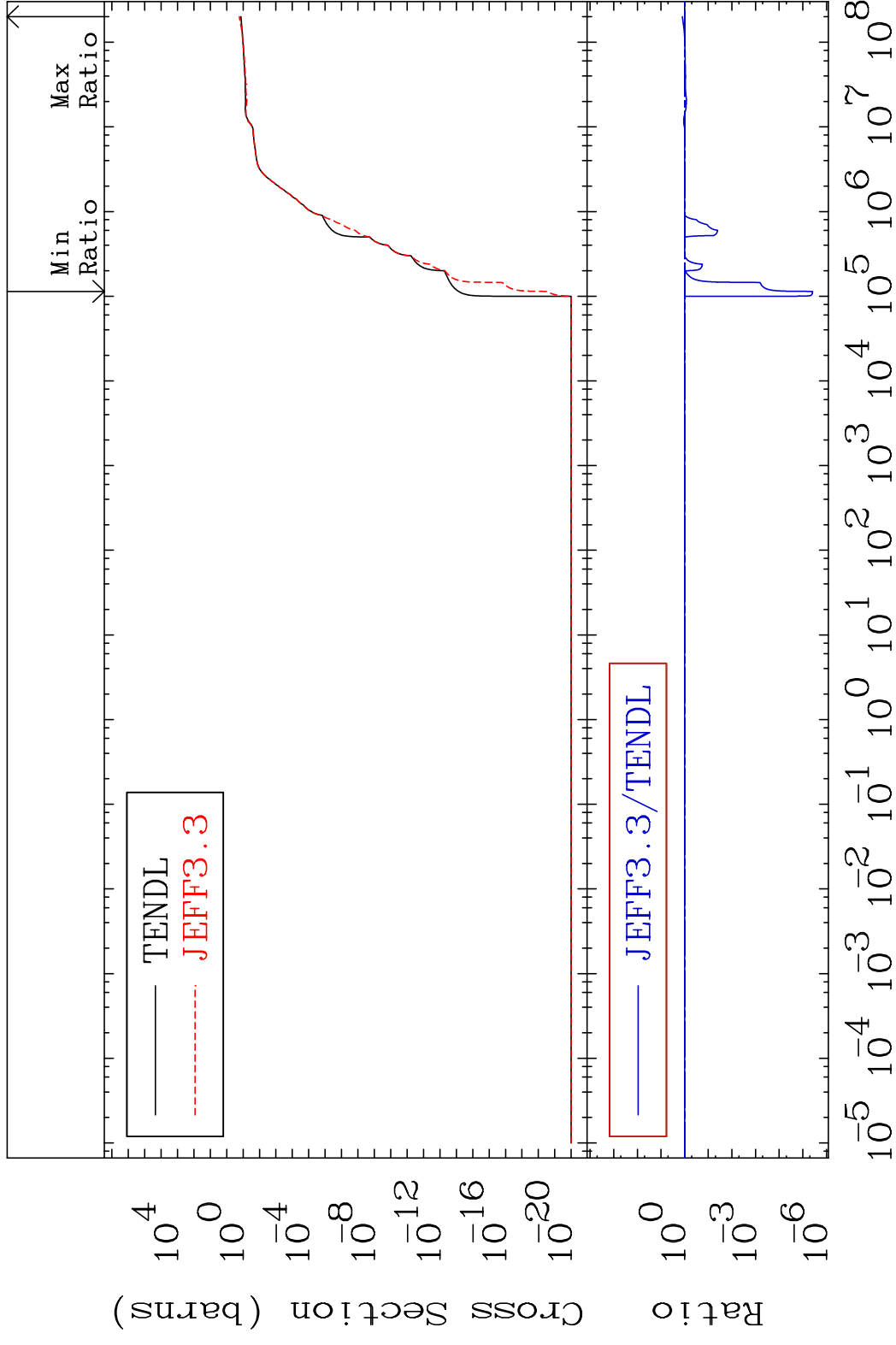
MAT 3025 (n,d)  $\alpha$  30-Zn-64  
 Cross Section -100.0 To 1367. %



MAT 3025

Hydrogen Production  
Cross Section -100.0 To 24.86 %

30-Zn-64

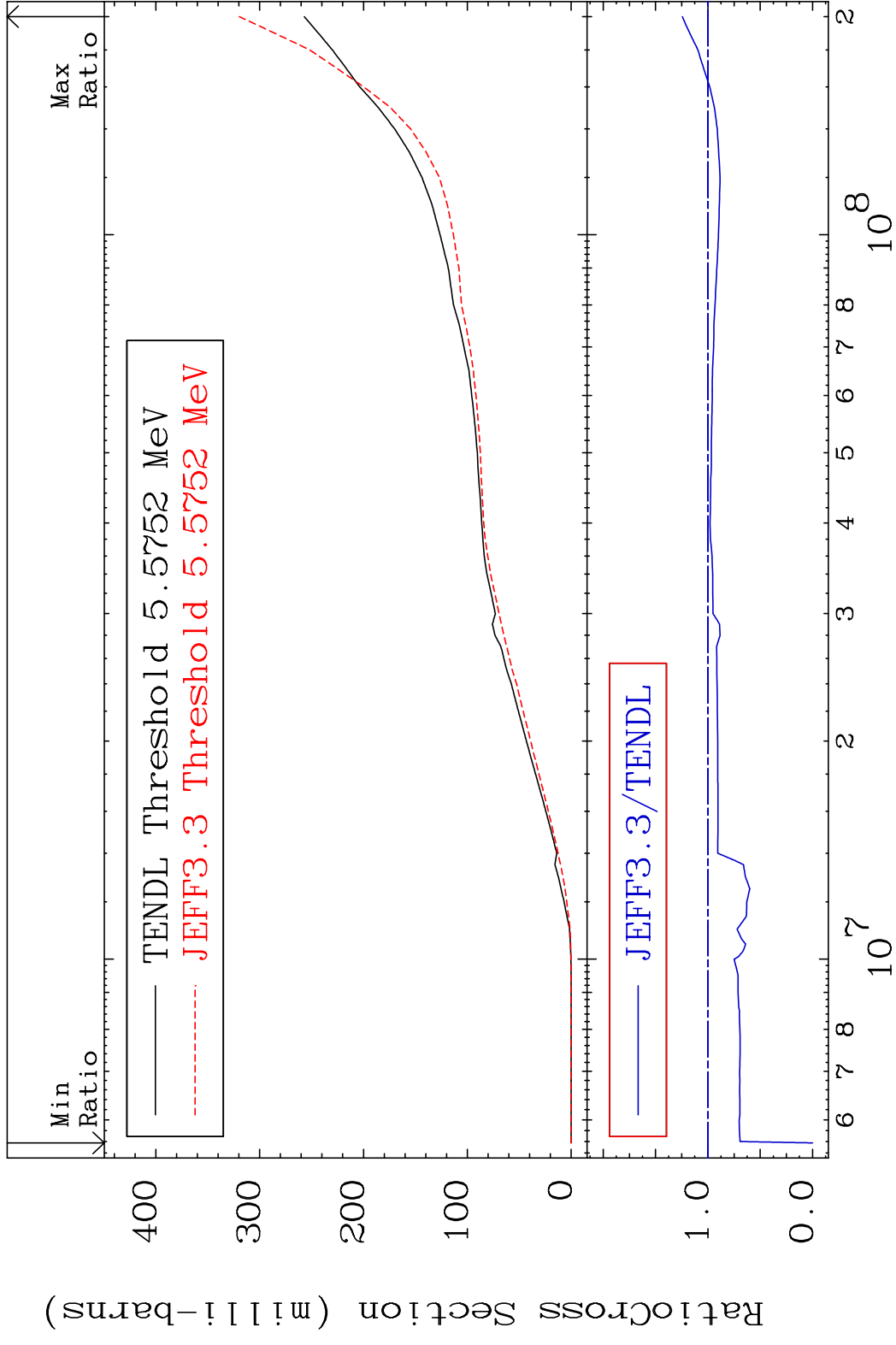


63

Incident Energy (eV)

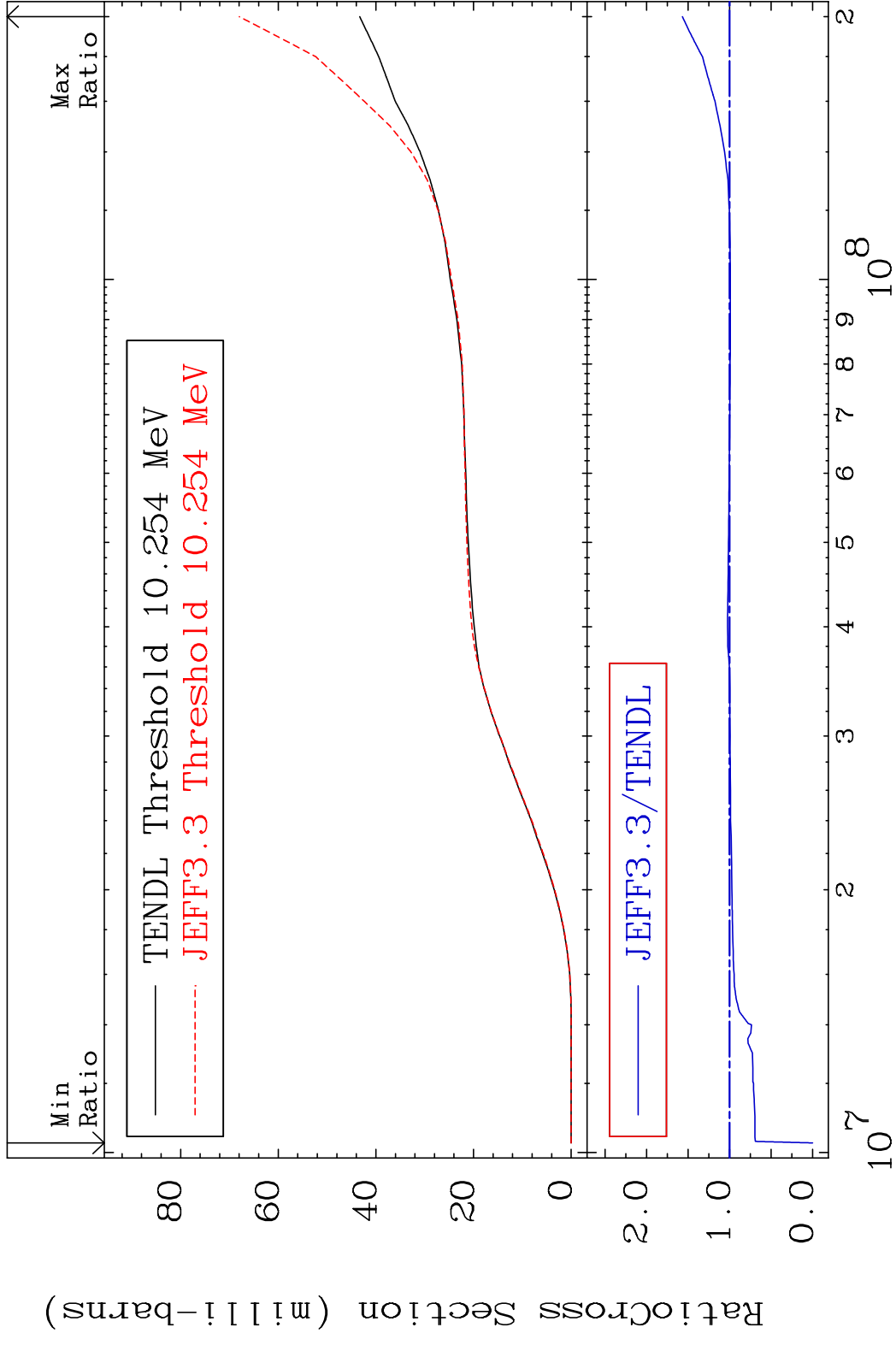
30-Zn-64

MAT 3025 Deuterium Production 30-Zn-64  
 Cross Section -100.0 To 24.39 %



64 Incident Energy (eV) 30-Zn-64

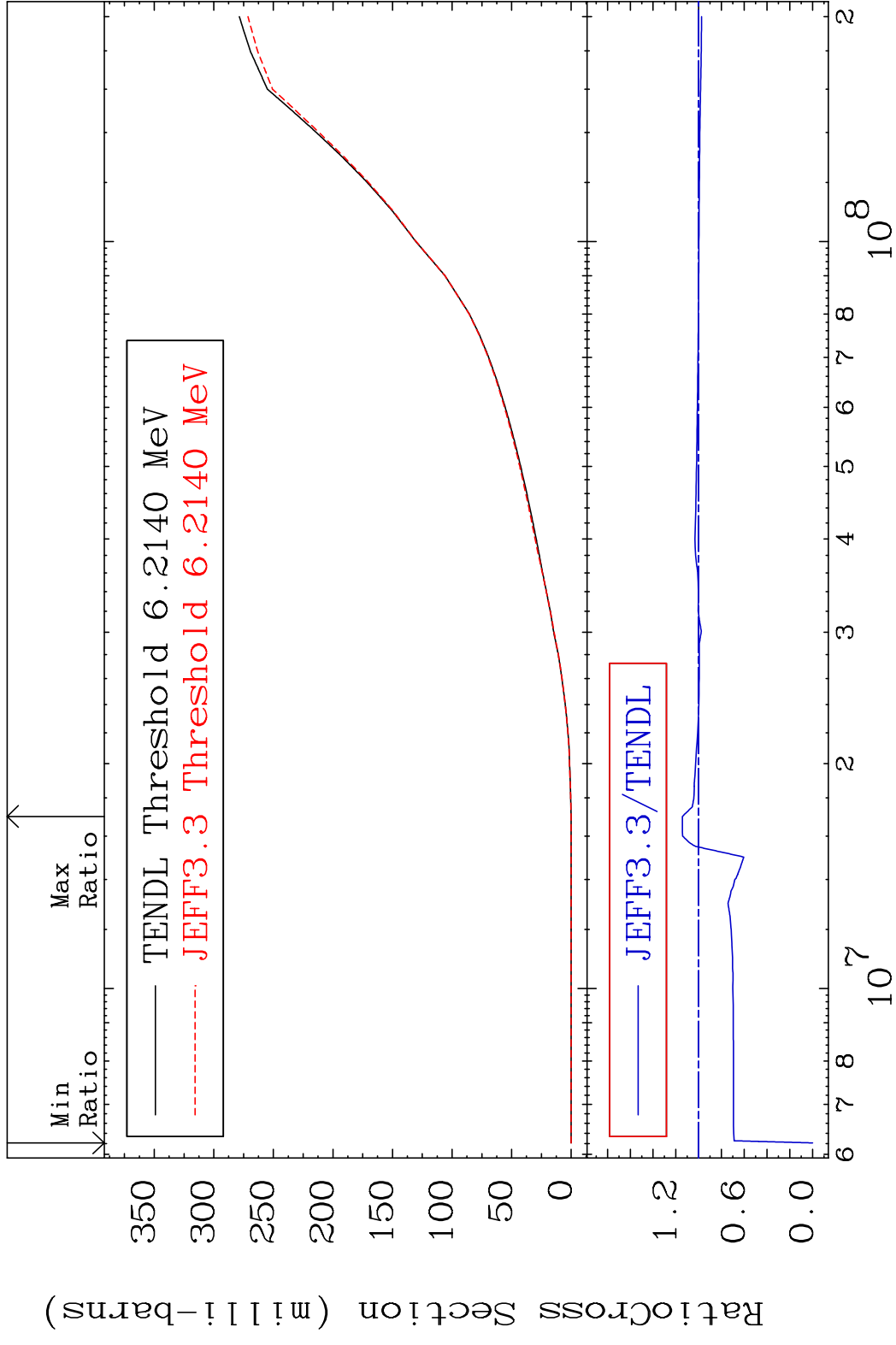
MAT 3025 Tritium Production 30-Zn-64  
 Cross Section -100.0 To 56.93 %



65 30-Zn-64

MAT 3025

He-3 Production  
Cross Section -100.0 To 14.30 %  
30-Zn-64



66

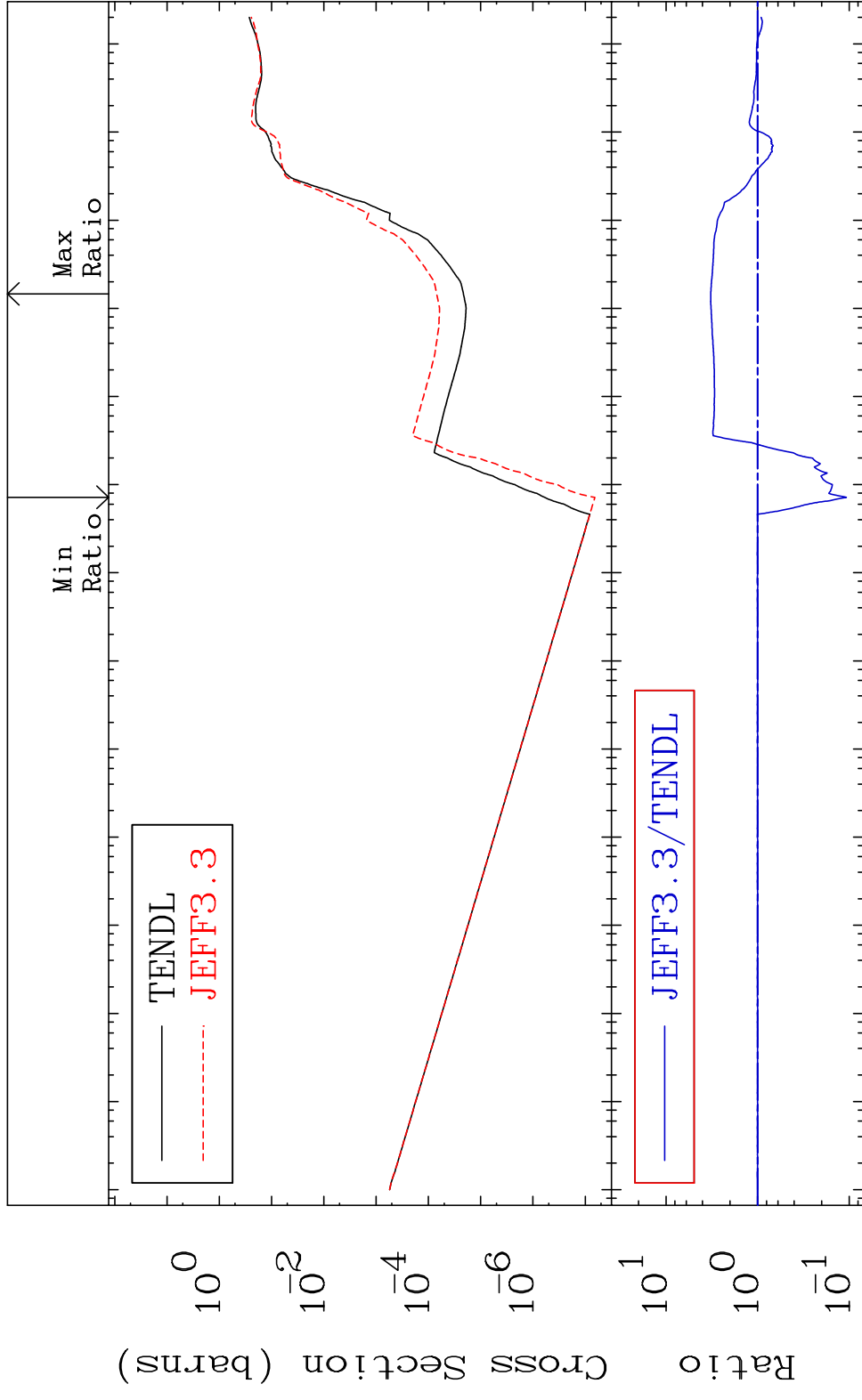
Incident Energy (eV) 30-Zn-64

MAT 3025

He-4 Production

30-Zn-64

Cross Section -89.26 To 225.1 %



67

Incident Energy (eV)

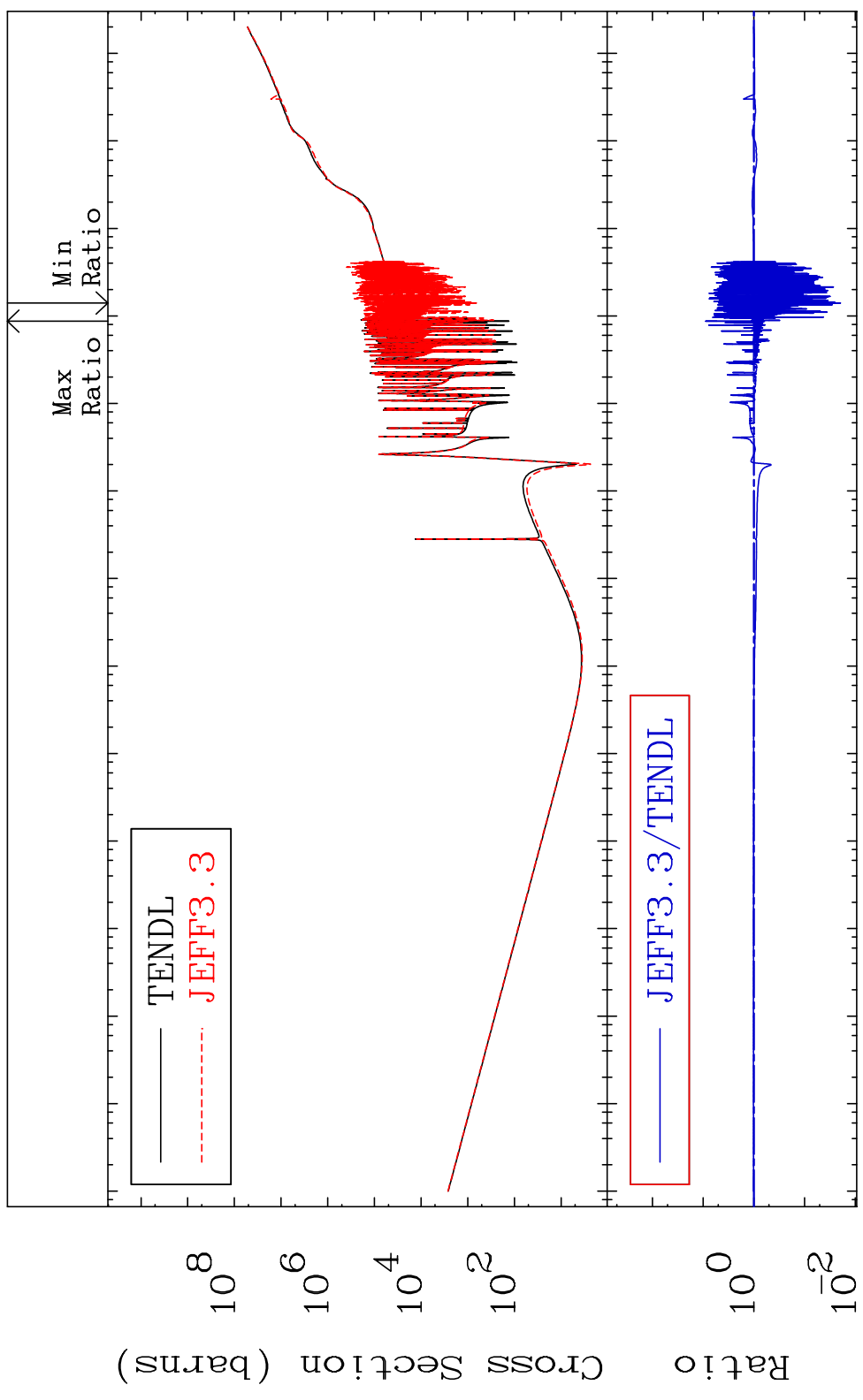
30-Zn-64

MAT 3025

Kerma total (eV-barns)

30-Zn-64

Cross Section -98.04 To 787.1 %



68

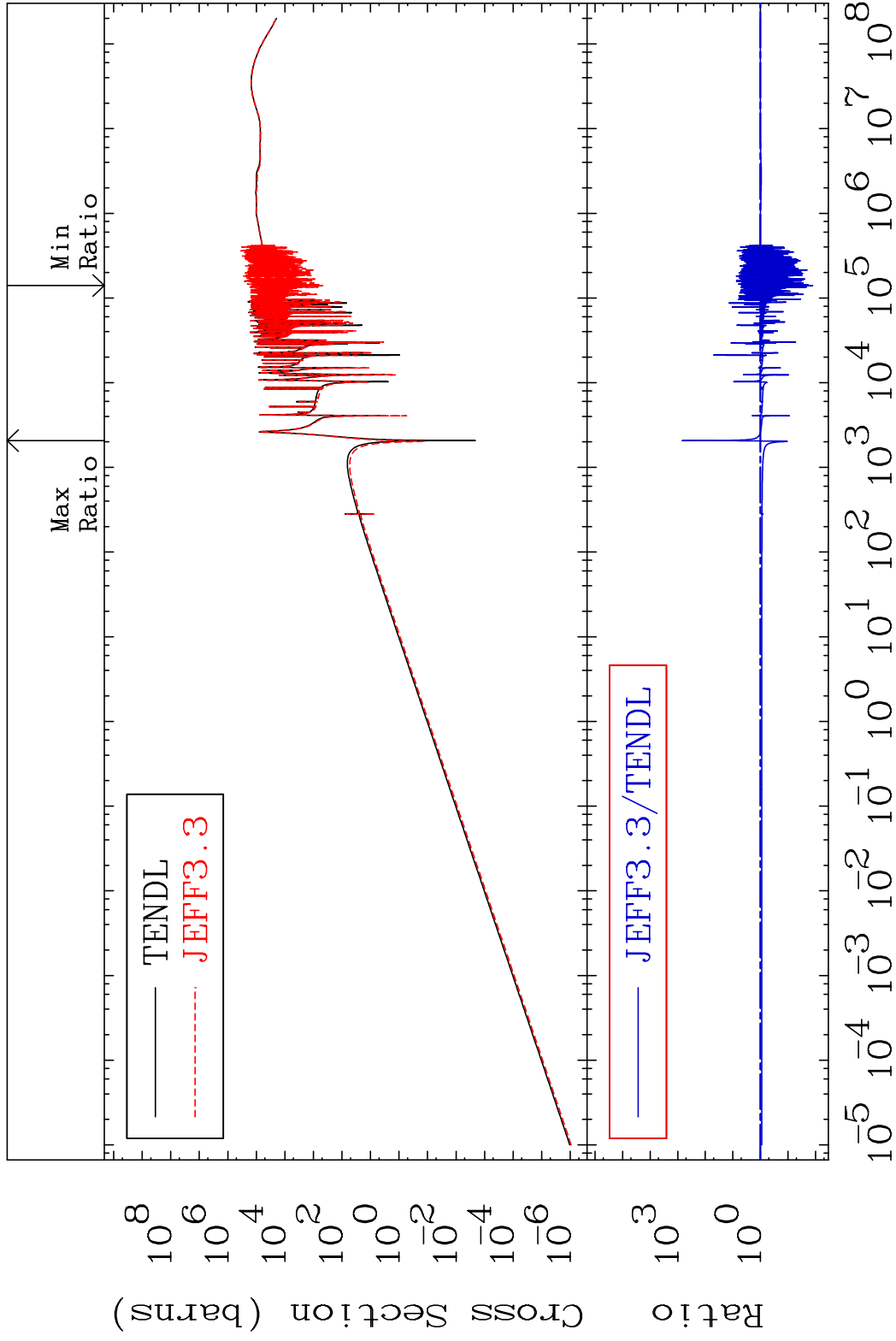
Incident Energy (eV)

30-Zn-64

MAT 3025

Kerma elastic  
Cross Section

30-Zn-64  
-98.71 To 9999. %

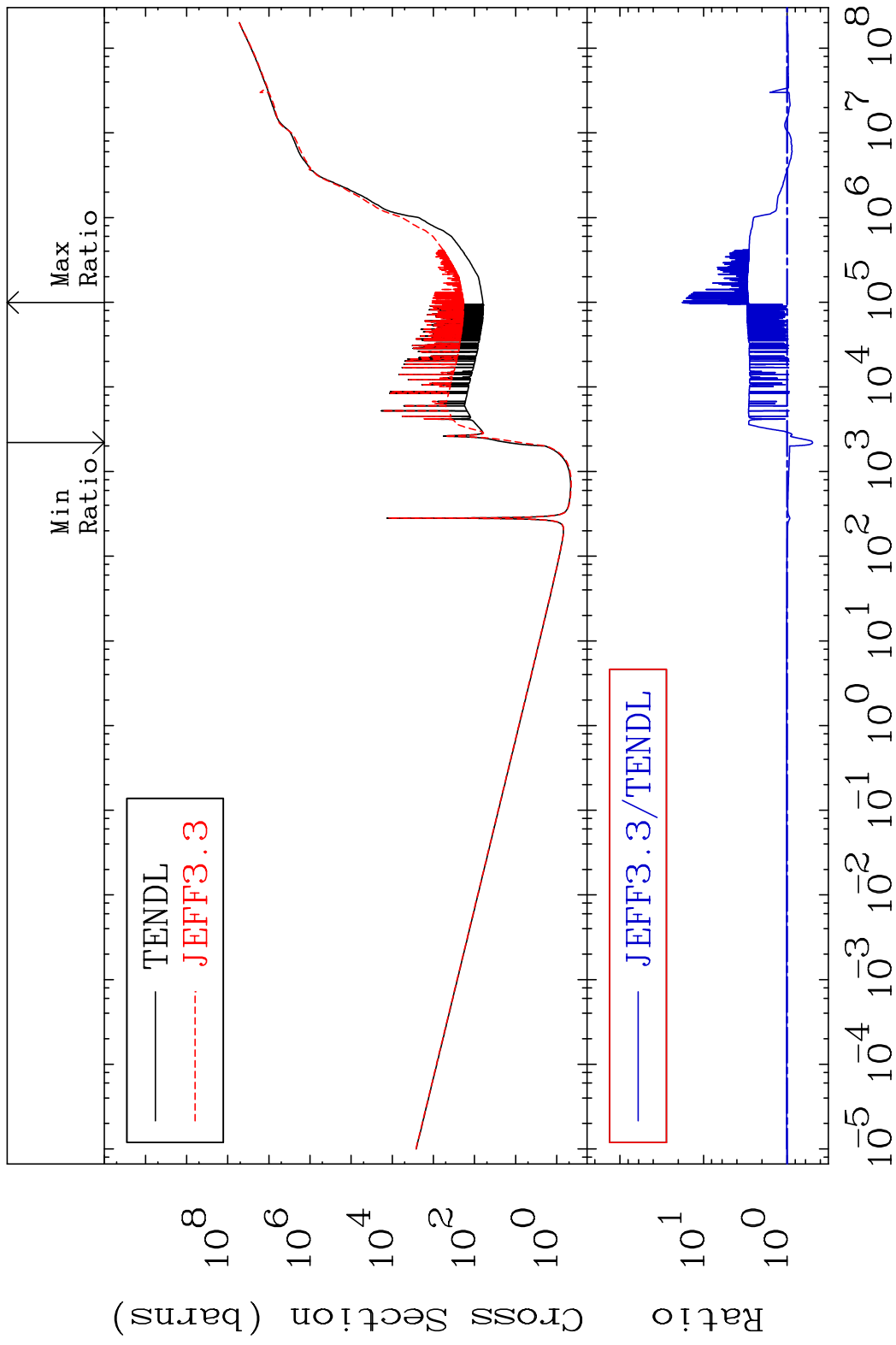


69

Incident Energy (eV)

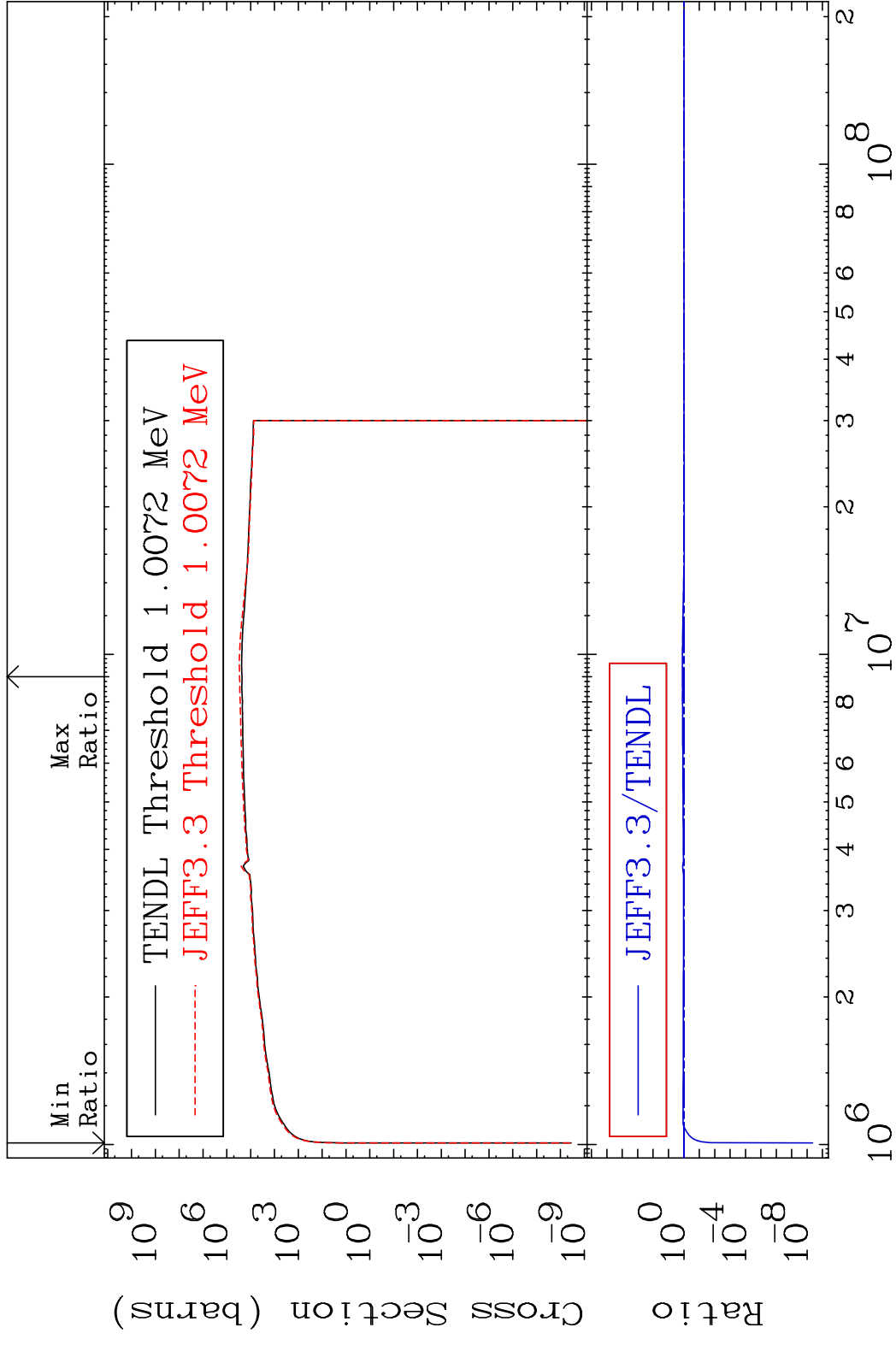
30-Zn-64

MAT 3025 Kerma non-elastic (all but mt2) 30-Zn-64  
 Cross Section -50.44 To 1693. %

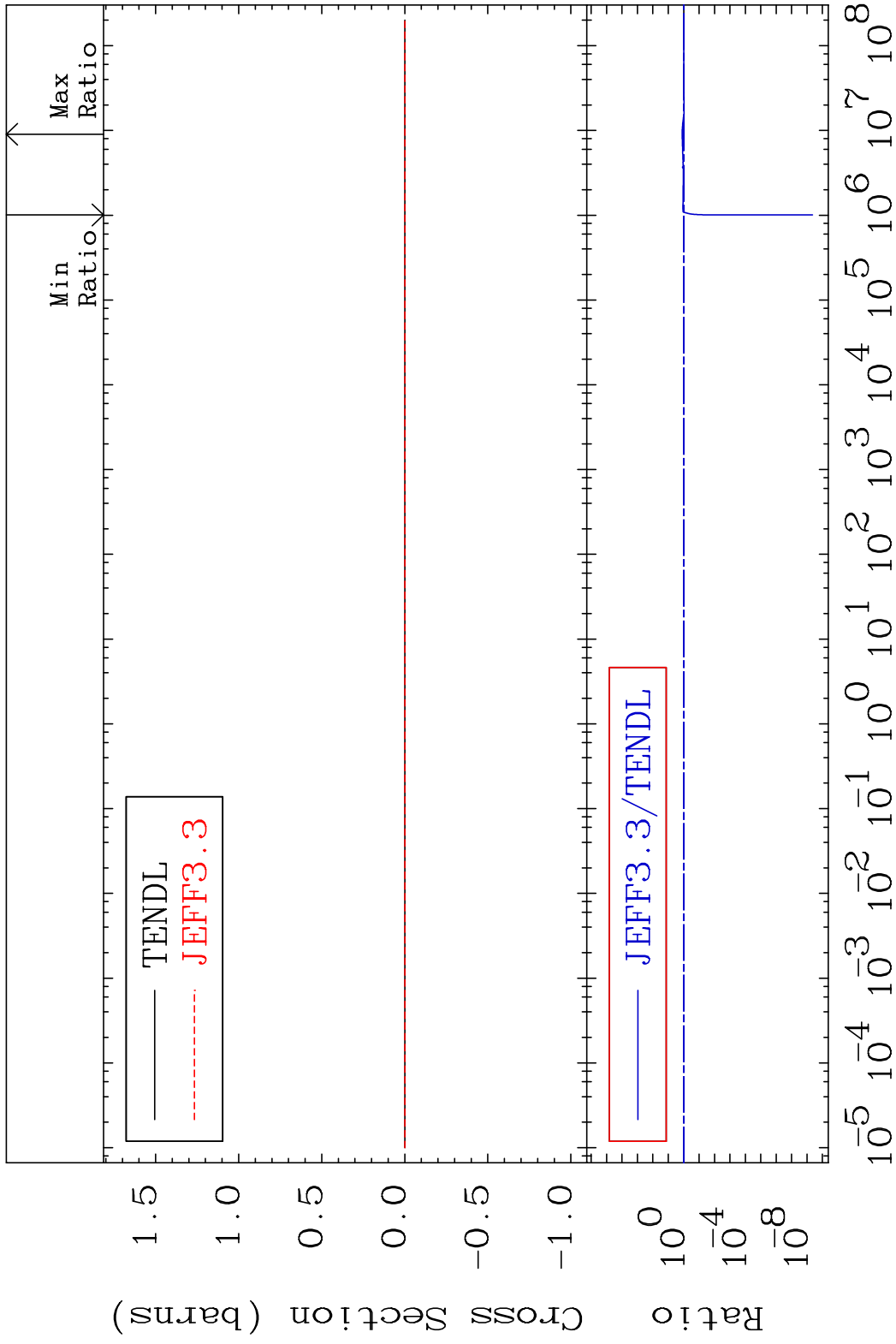


70 Incident Energy (eV) 30-Zn-64

MAT 3025 Kerma inelastic (mt51-91) 30-Zn-64  
 Cross Section -100.0 To 25.79 %

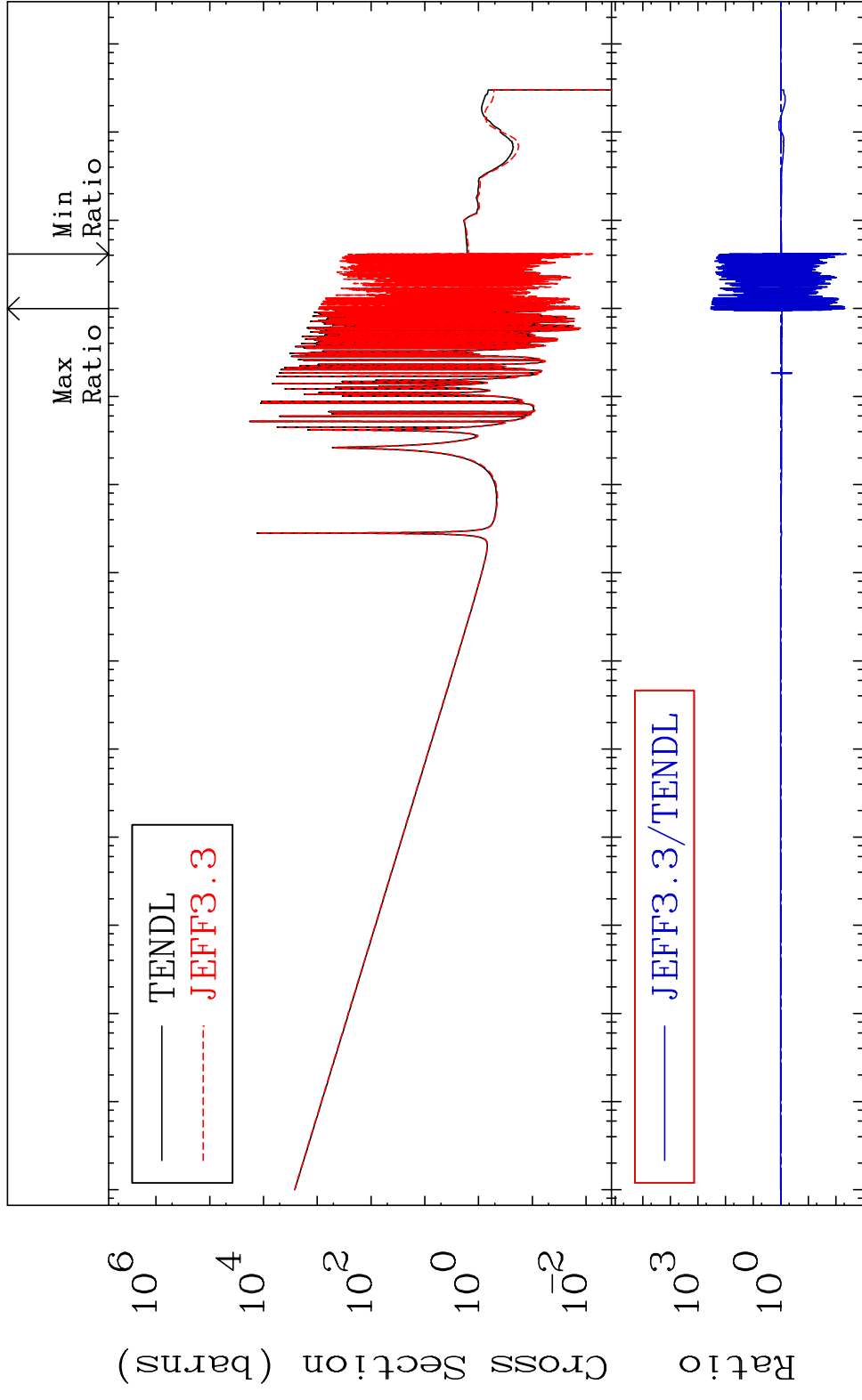


MAT 3025 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-64  
 Cross Section -100.0 To 25.79 %



MAT 3025

Kerma capture (mt102) 30-Zn-64  
Cross Section -99.58 To 9999. %

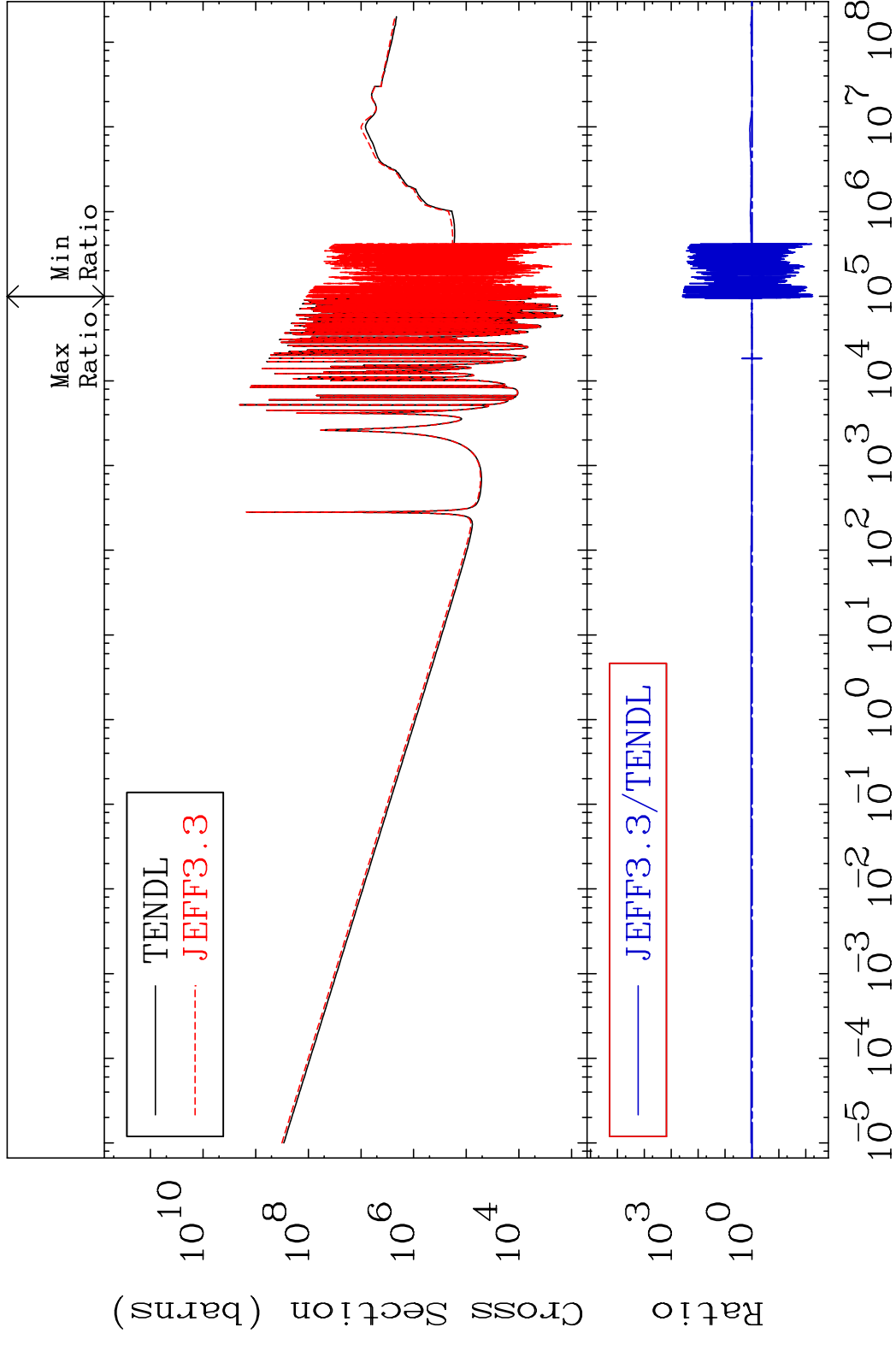


73

Incident Energy (eV)

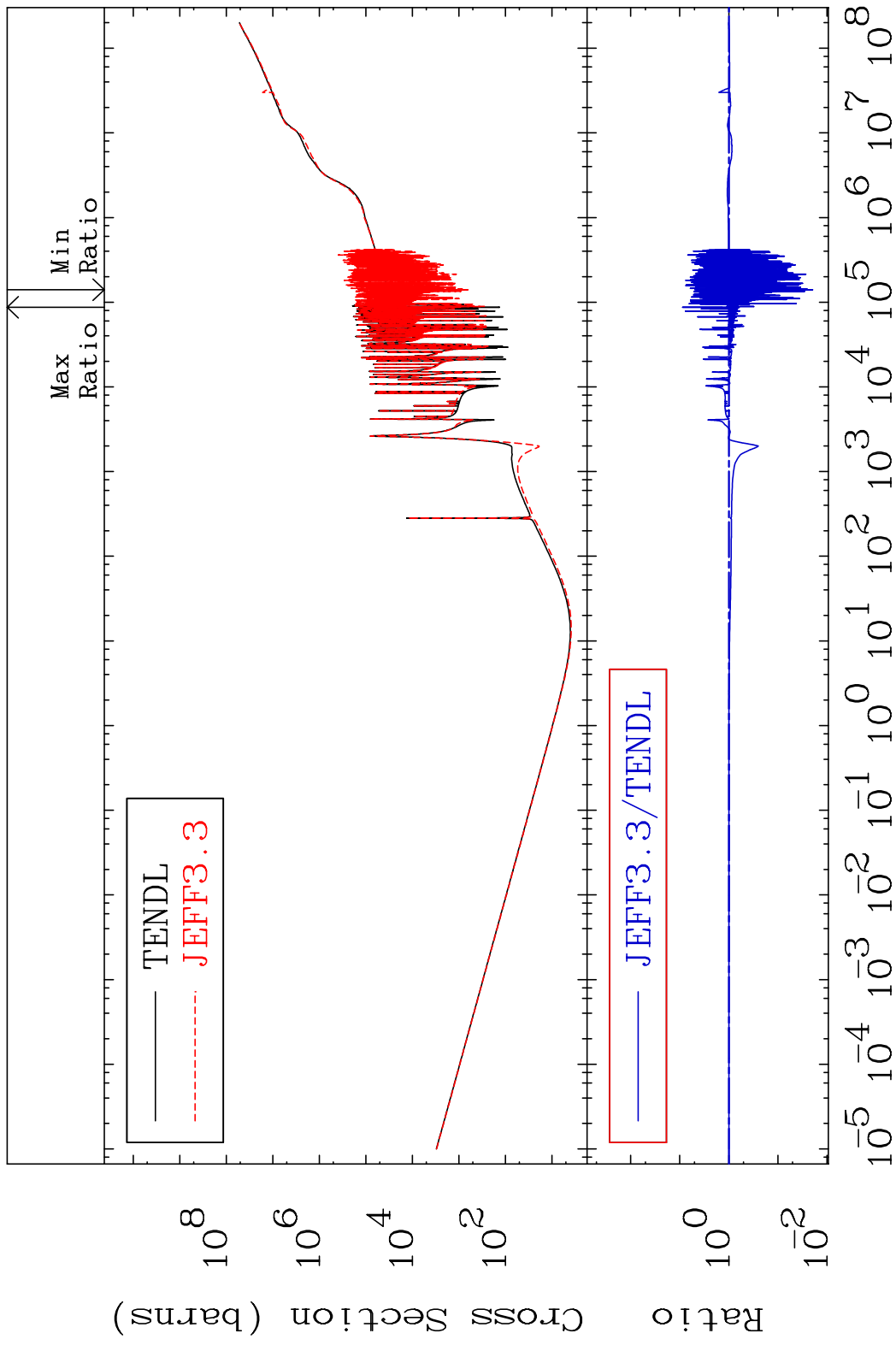
30-Zn-64

MAT 3025 Total photon (eV-barns) 30-Zn-64  
 Cross Section -99.44 To 9999. %

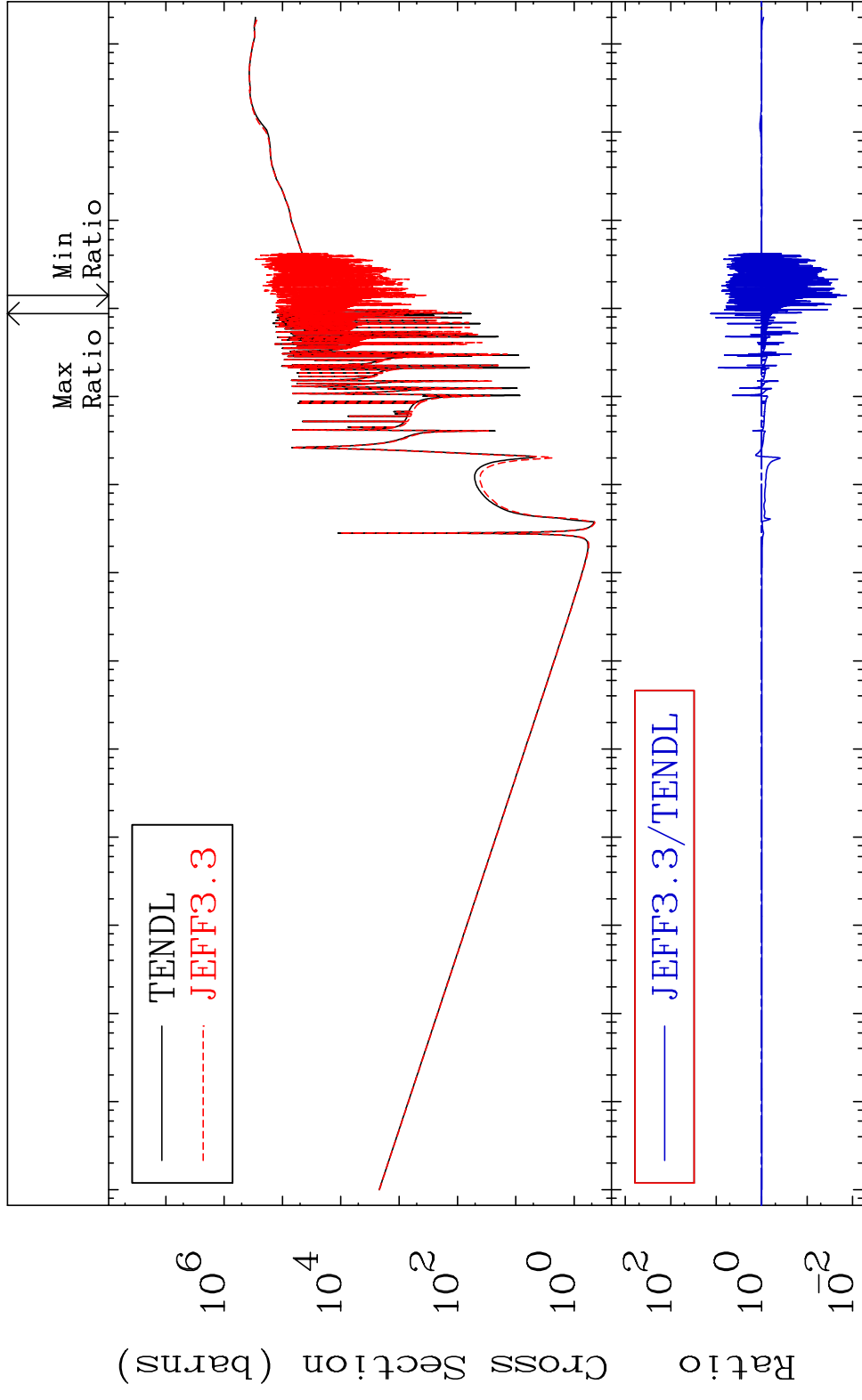


74 Incident Energy (eV) 30-Zn-64

MAT 3025 Total kinematic kerma (high limit) 30-Zn-64  
Cross Section -98.04 To 784.9 %



MAT 3025      Dpa total (eV-barns)      30-Zn-64  
 Cross Section      -98.63 To 1220. %



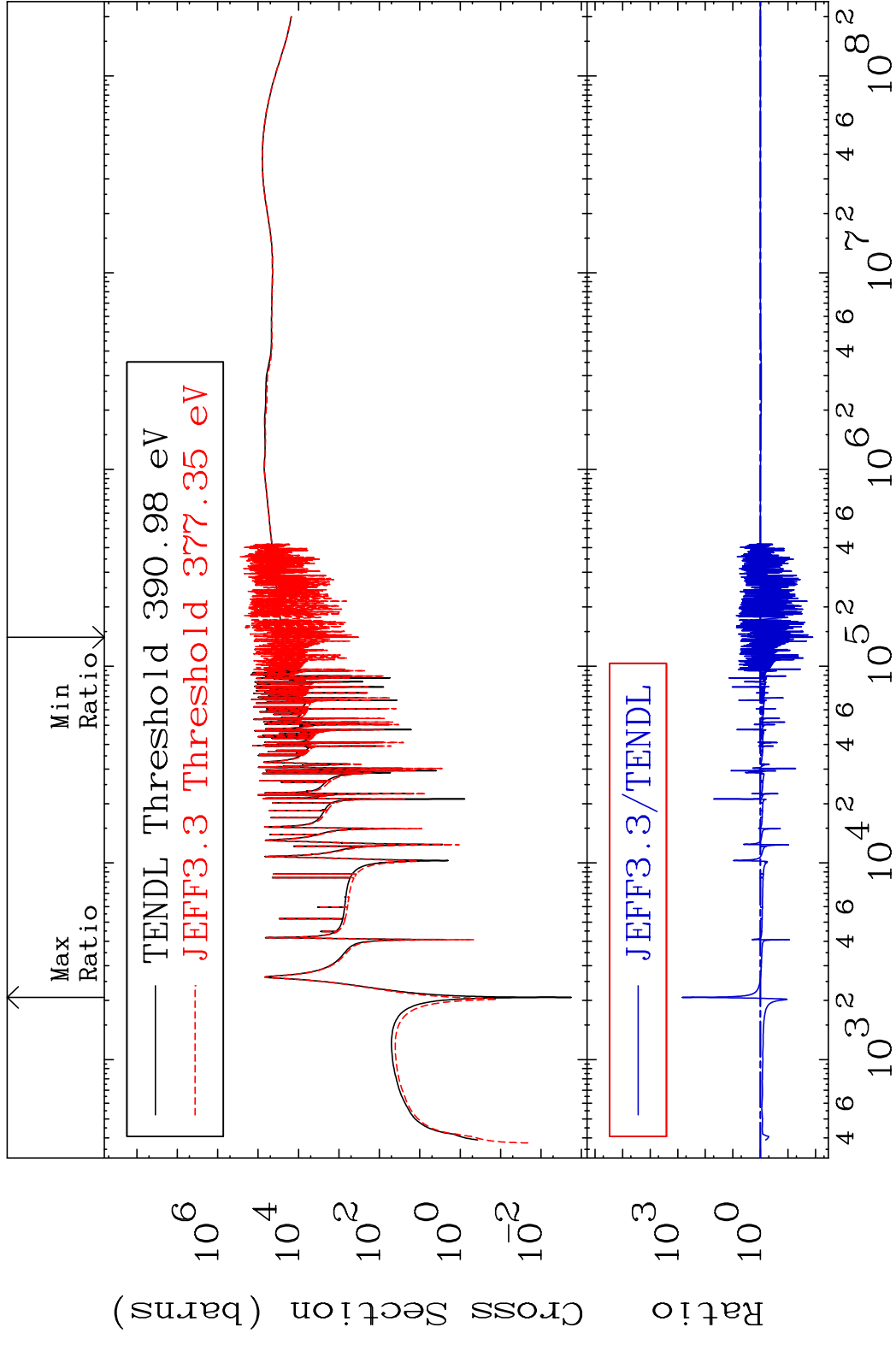
76      Incident Energy (eV)      30-Zn-64

MAT 3025

Dpa elastic (mt2)

30-Zn-64

Cross Section -98.71 To 9999. %



77

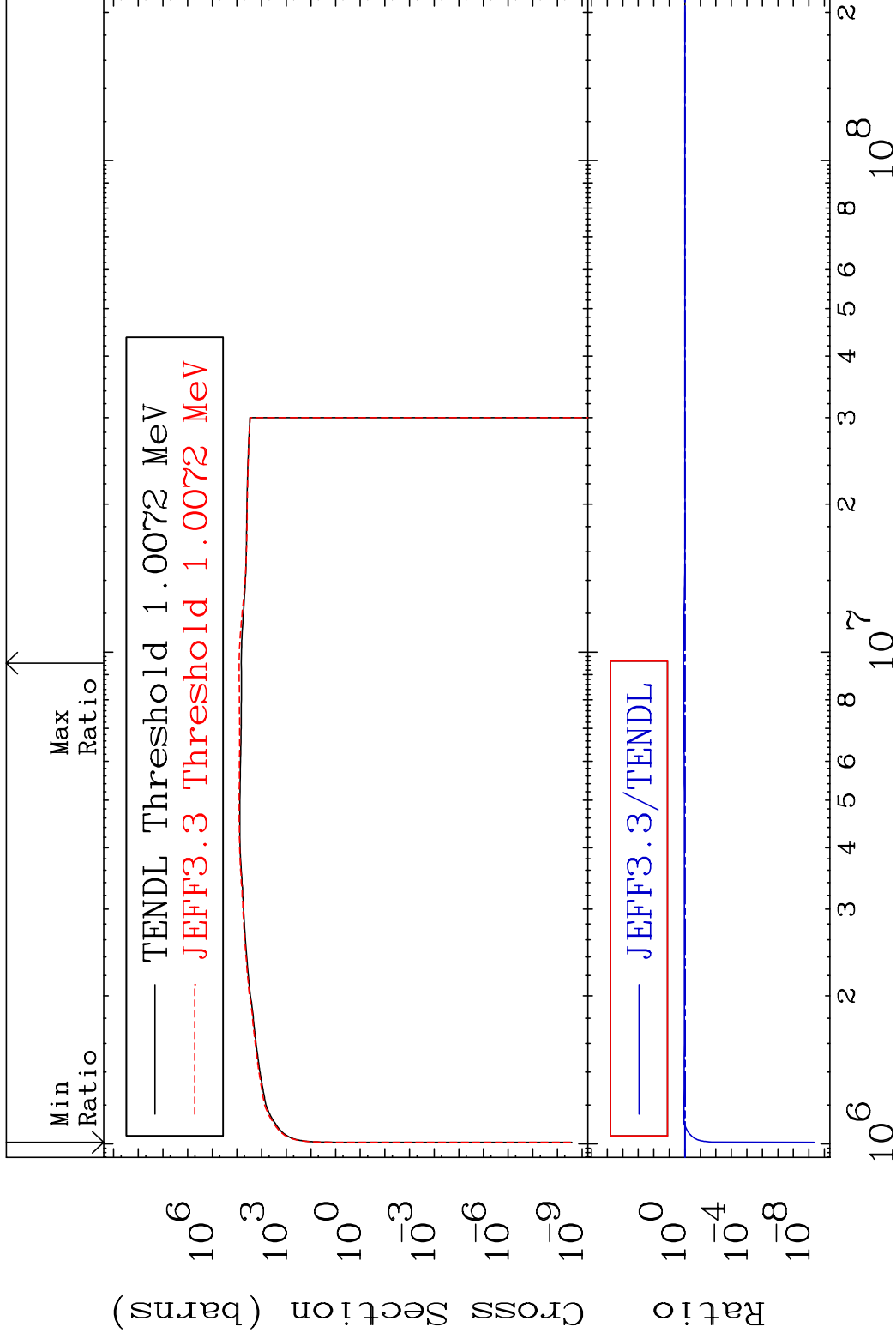
Incident Energy (eV)

30-Zn-64

MAT 3025

Dpa inelastic (mt51-91) 30-Zn-64

Cross Section -100.0 To 22.35 %

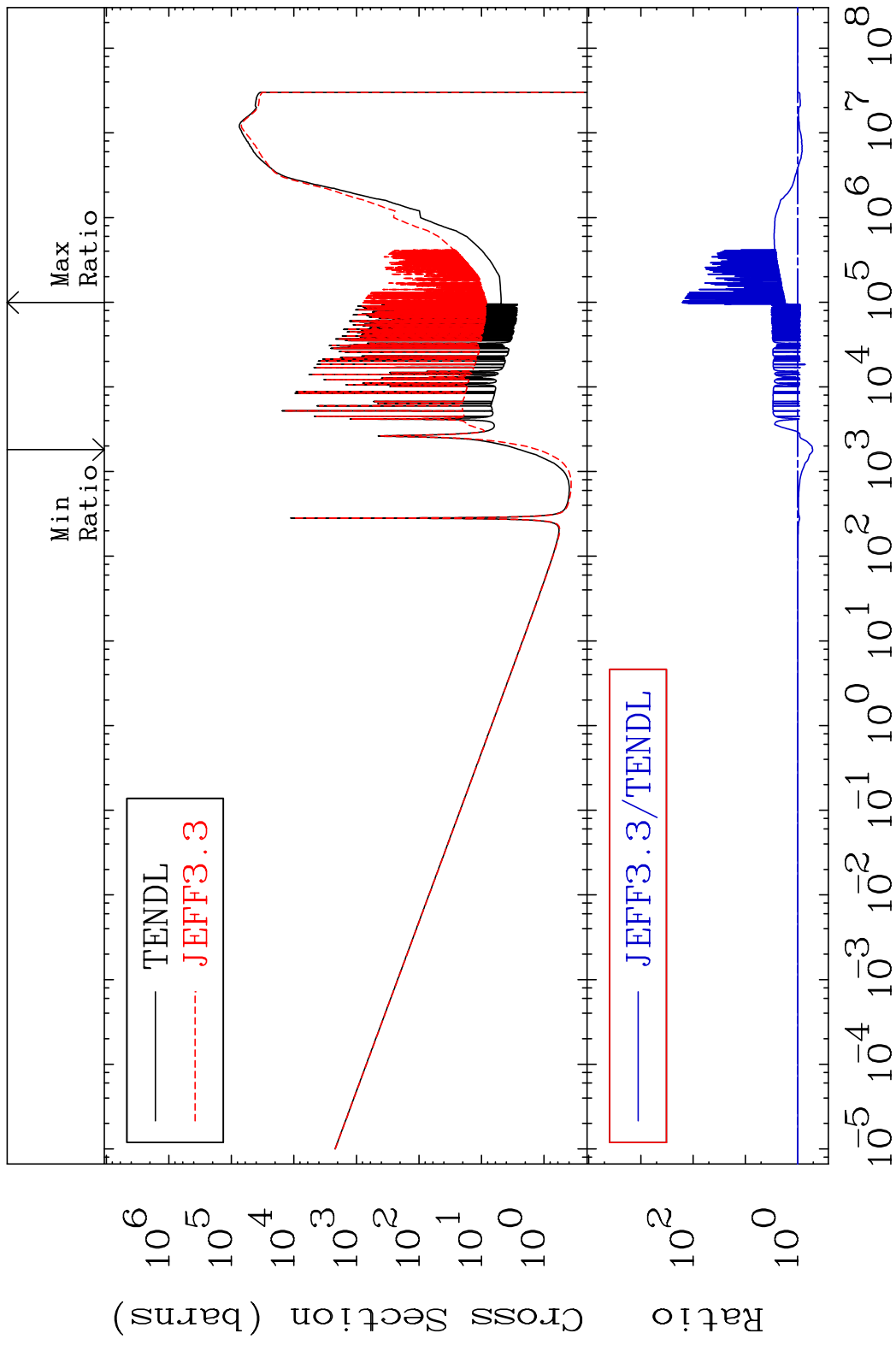


78

Incident Energy (eV)

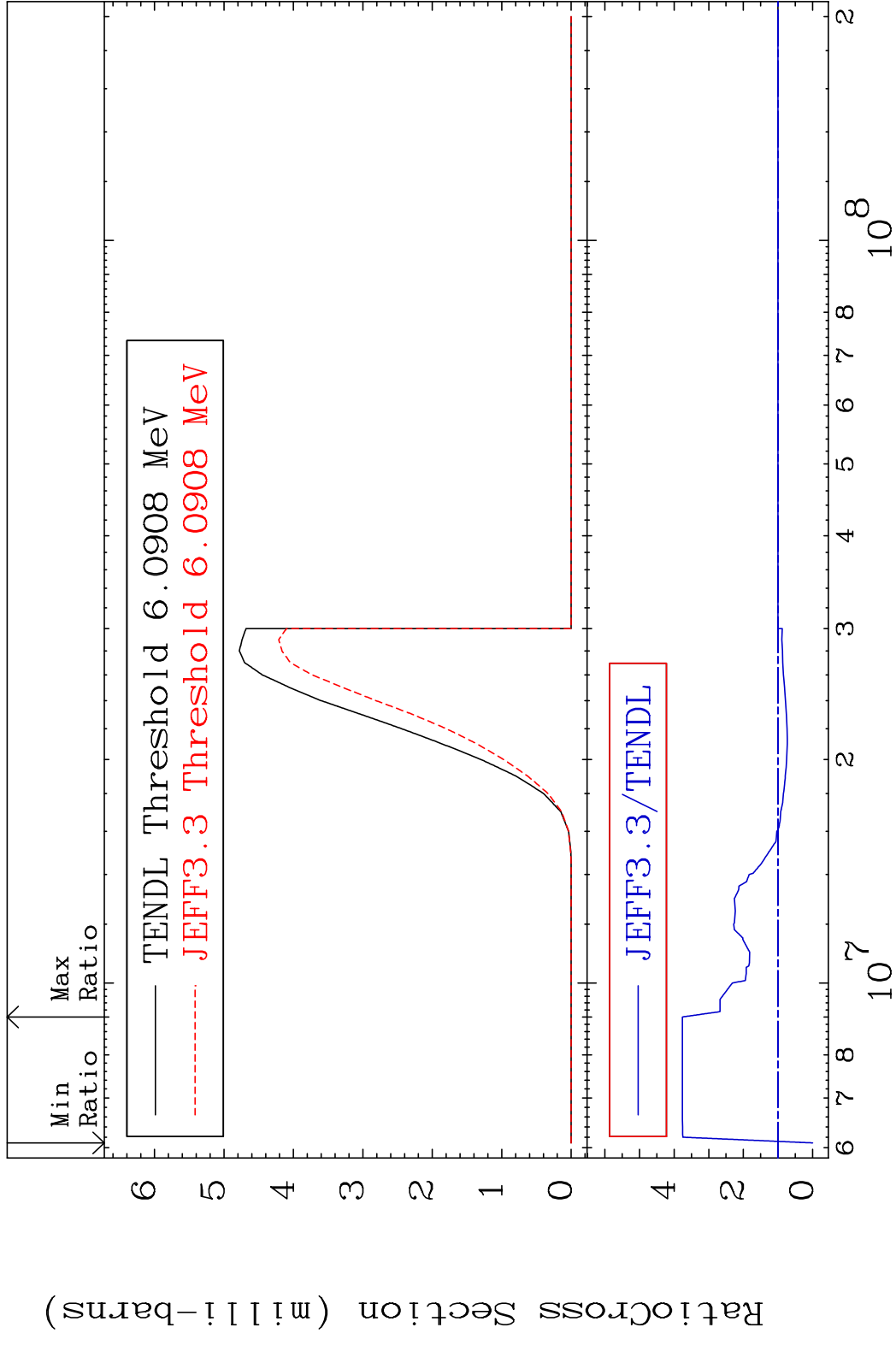
30-Zn-64

MAT 3025 Dpa disappearance (mt102 -120) 30-Zn-64  
 Cross Section -48.31 To 9999. %



79 Incident Energy (eV) 30-Zn-64

MAT 3025 (n, p)  $\alpha$ :27-Co-60g 30-Zn-64  
 Radionuclide Production Cross Section 180.0 dth 276.2 %



80

Incident Energy (eV)

30-Zn-64

MAT 3025 (n,p)  $\alpha$ :27-Co-60m1 30-Zn-64  
 Radionuclide Production Cross Section 204.4 %

