

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

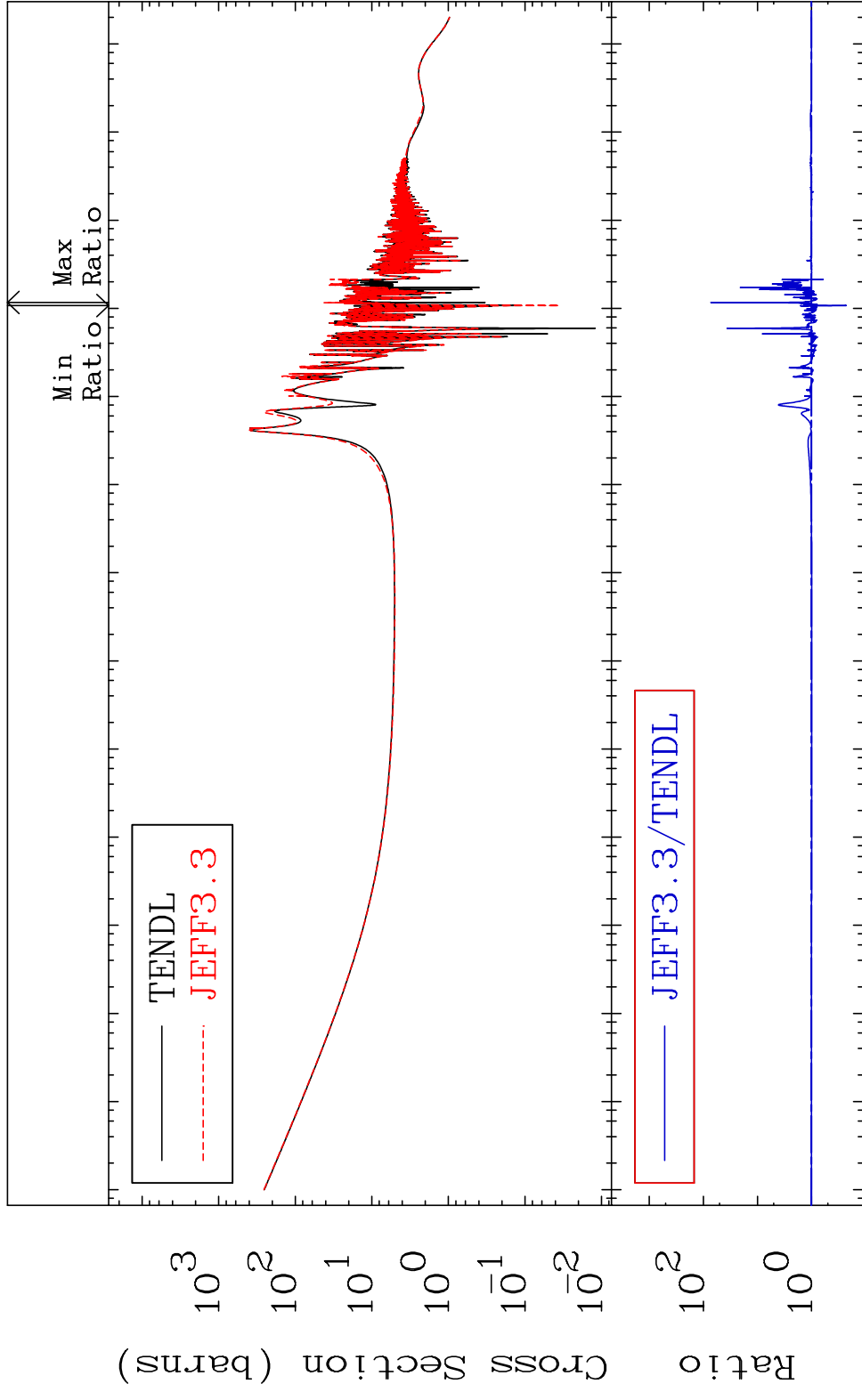
MAT 2328

Total

23-V -51

Cross Section

-77.21 To 7215. %



1

Incident Energy (eV)

23-V -51

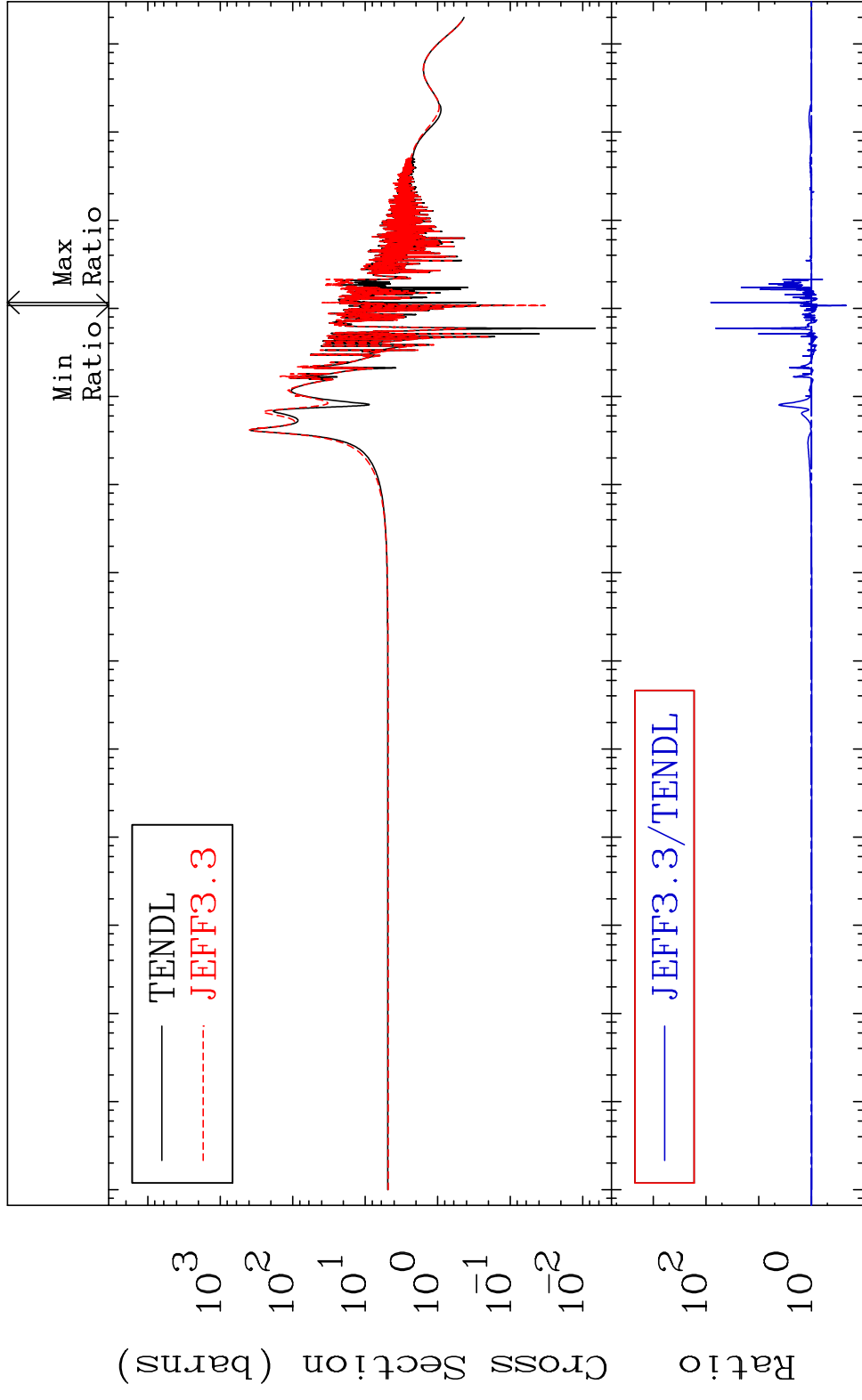
MAT 2328

Elastic

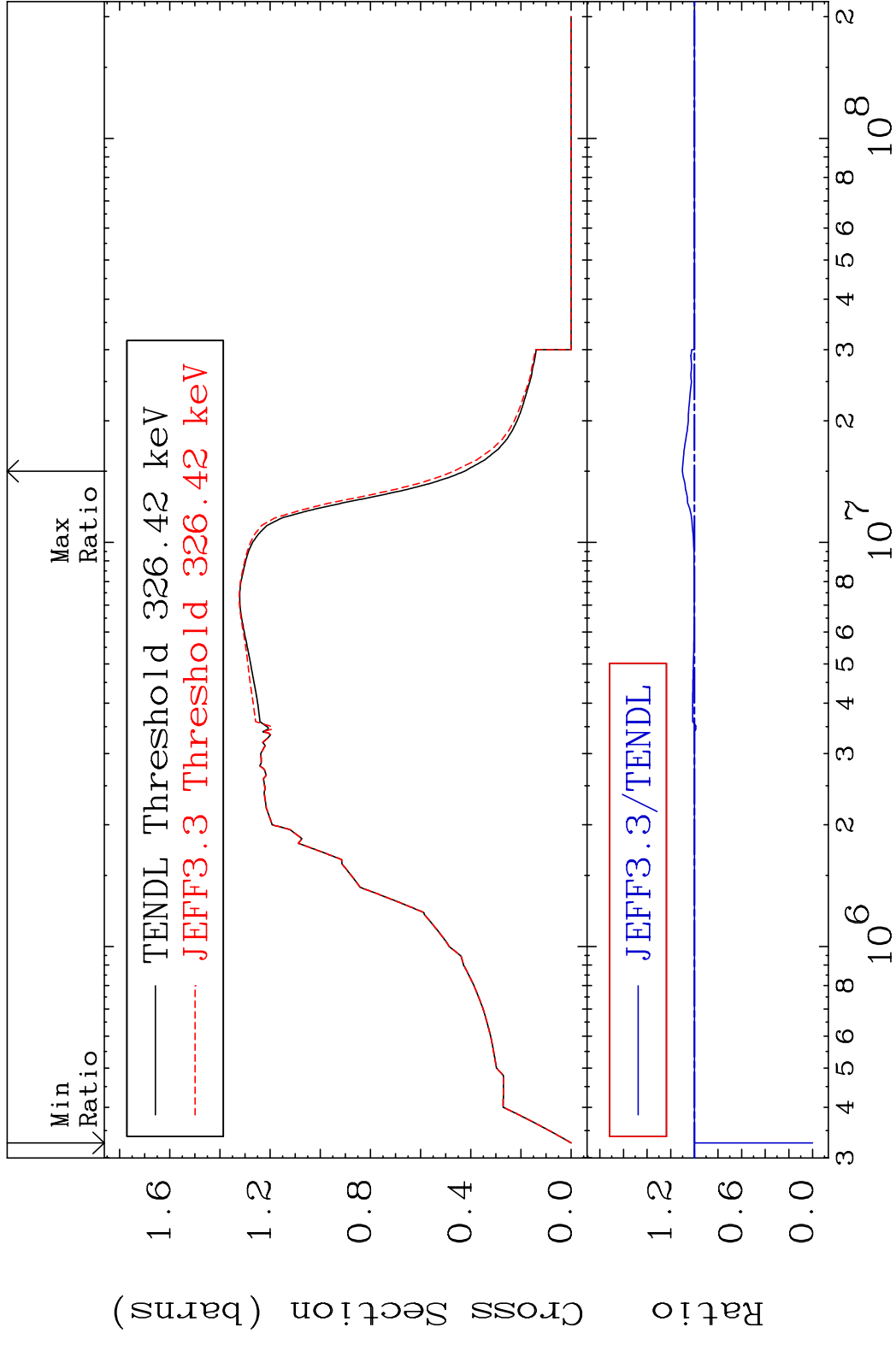
23-V -51

Cross Section

-78.18 To 8027. %

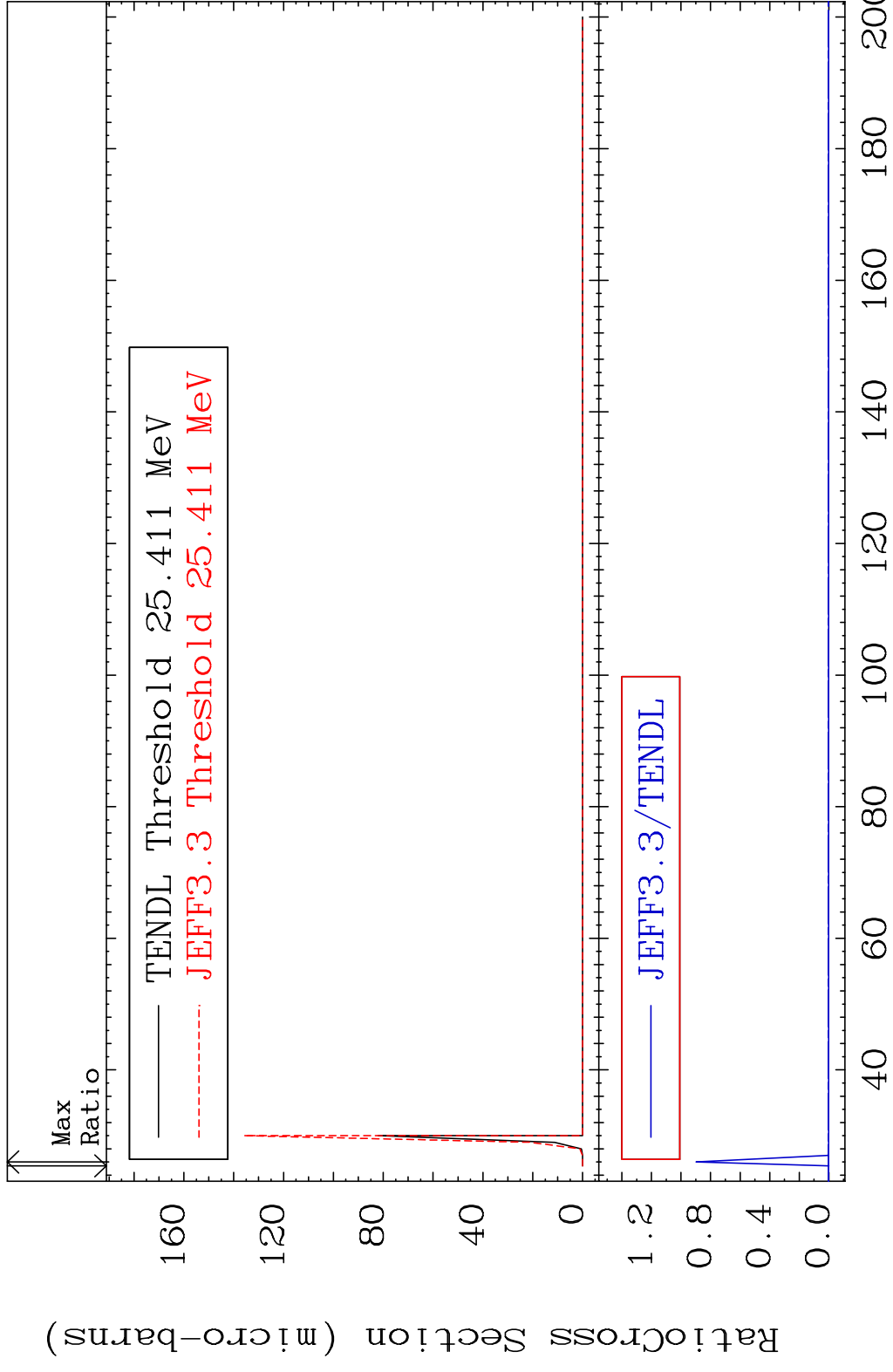


MAT 2328 Inelastic 23-V -51  
 Cross Section -100.0 To 10.17 %



3 Incident Energy (eV) 23-V -51

MAT 2328 (n,2n) d 23-V -51  
 Cross Section -100.0 To 9999. %

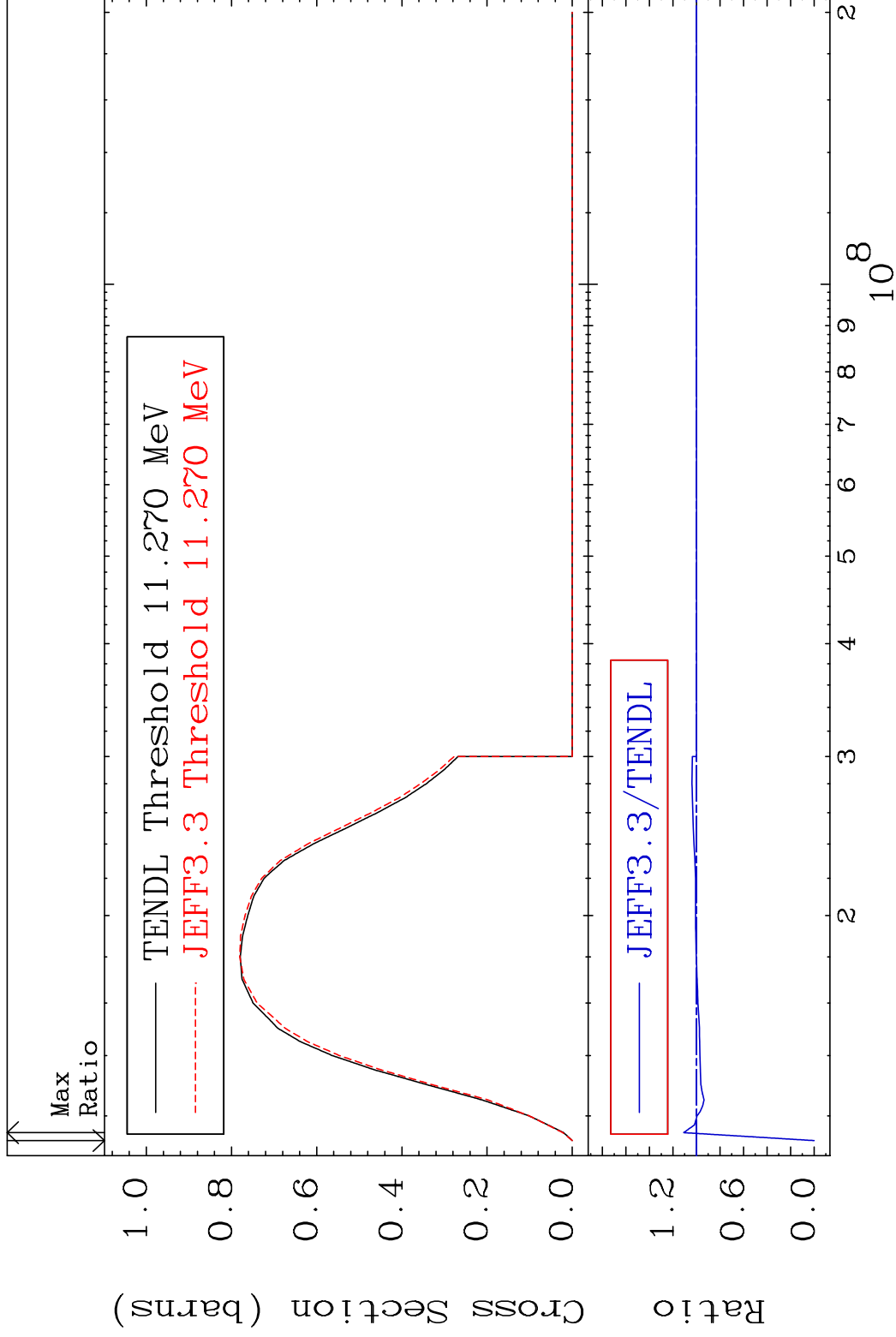


MAT 2328

(n,2n)

23-V -51

Cross Section -100.0 To 10.90 %

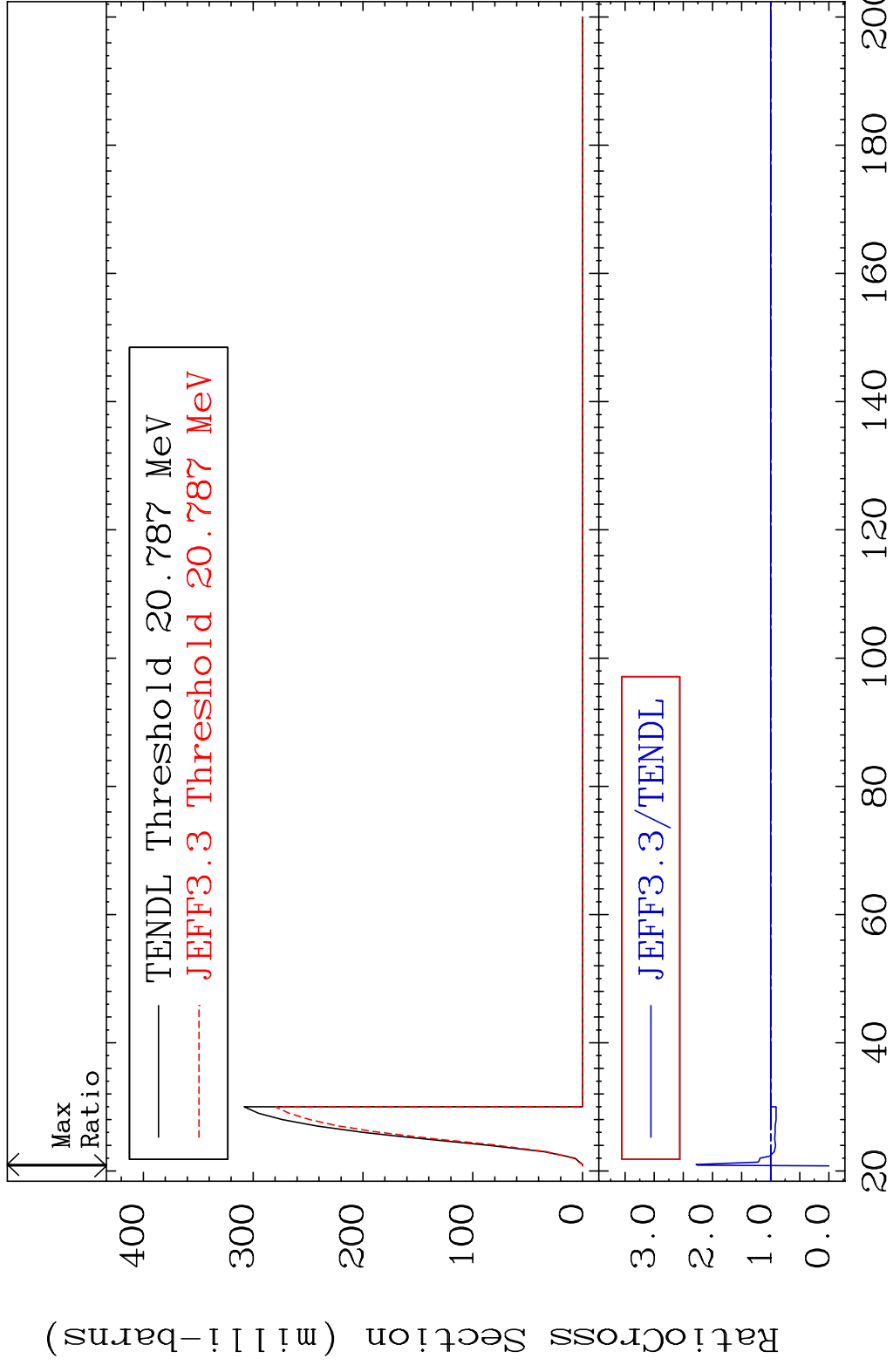


5

Incident Energy (eV)

23-V -51

MAT 2328 (n,3n) 23-V -51  
 Cross Section -100.0 To 128.3 %

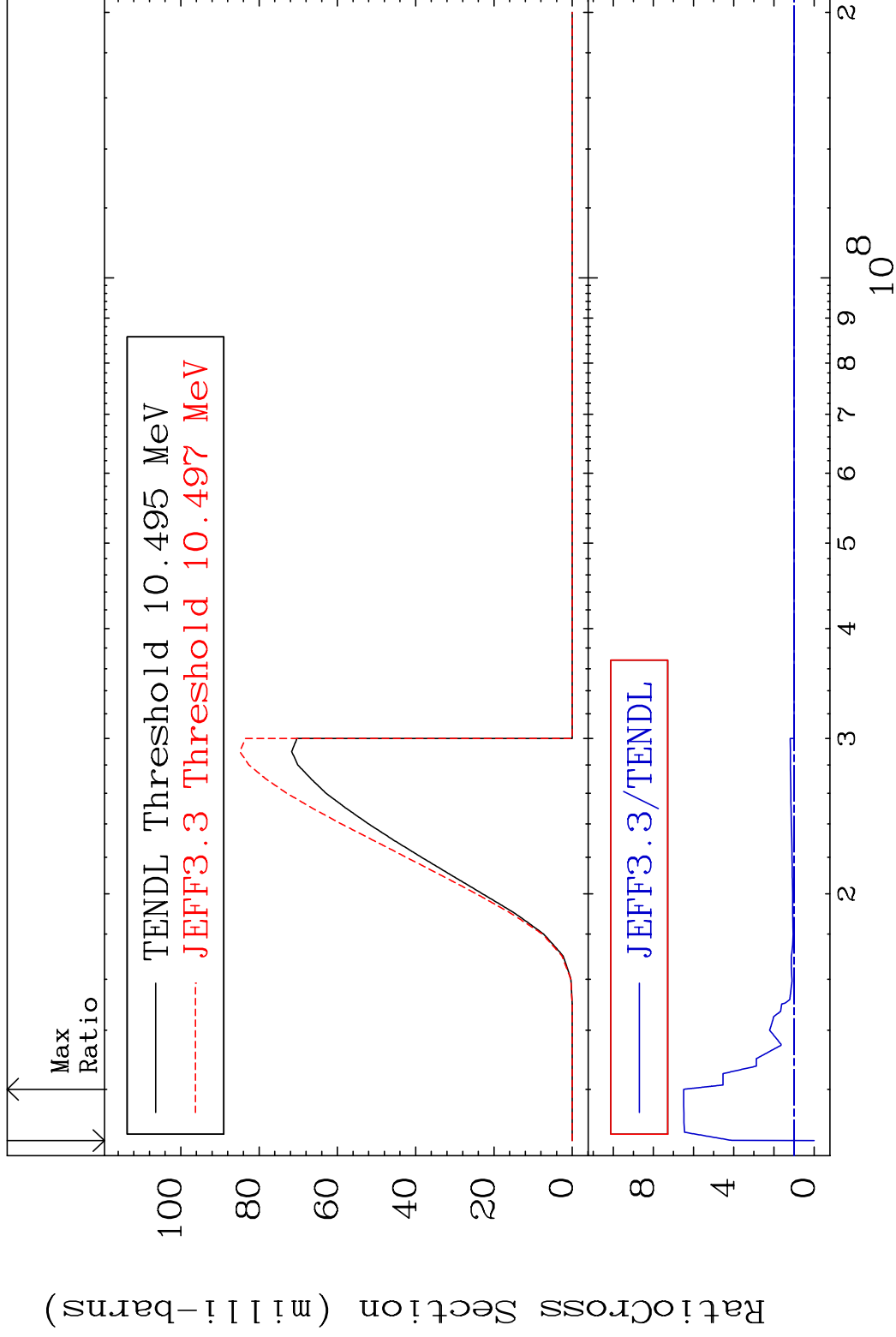


MAT 2328

(n, n')  $\alpha$

23-V -51

Cross Section -100.0 To 549.4 %



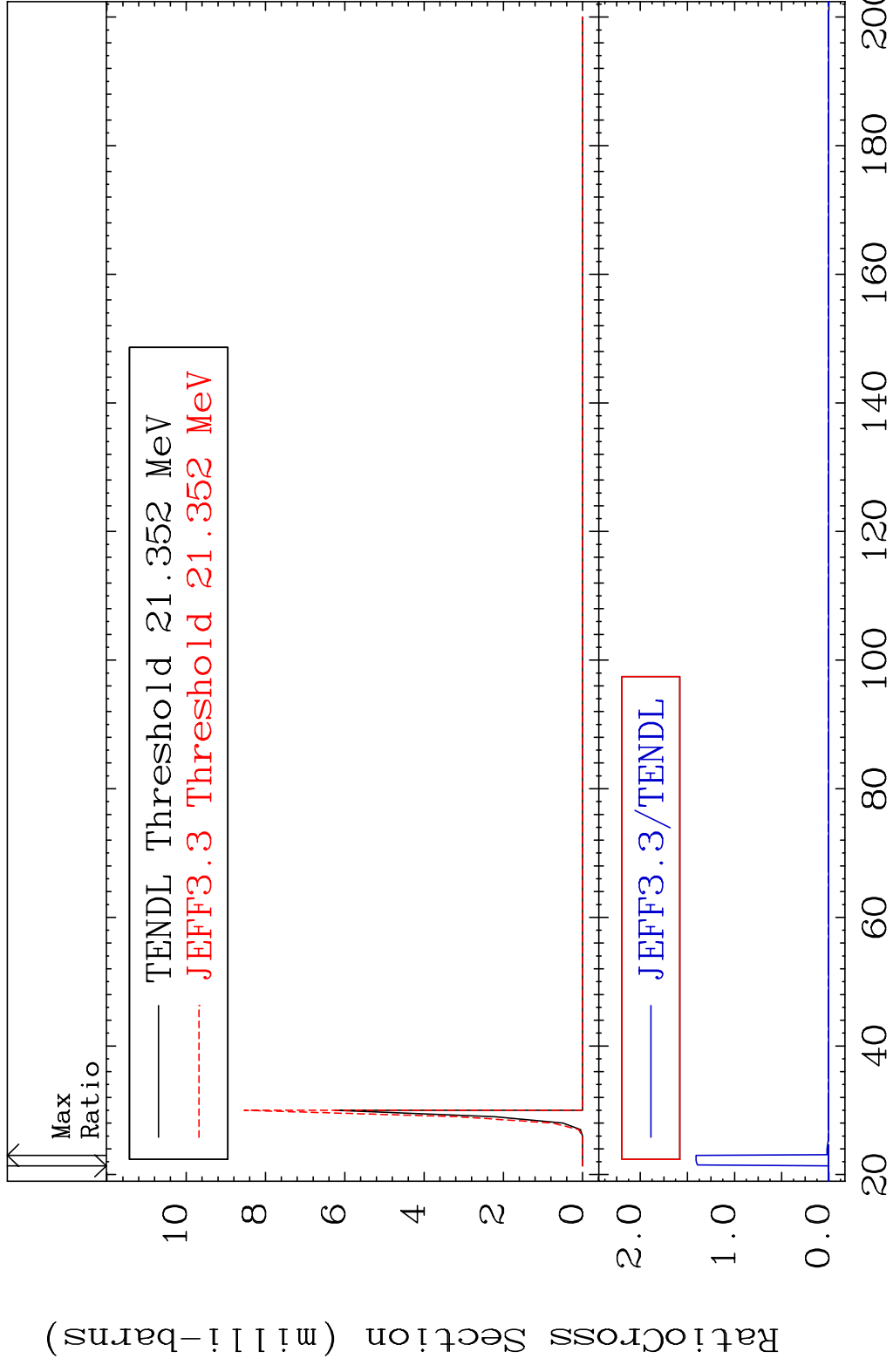
7

Incident Energy (eV)

23-V -51



MAT 2328 (n,2n)  $\alpha$  23-V -51  
 Cross Section -100.0 To 9999. %

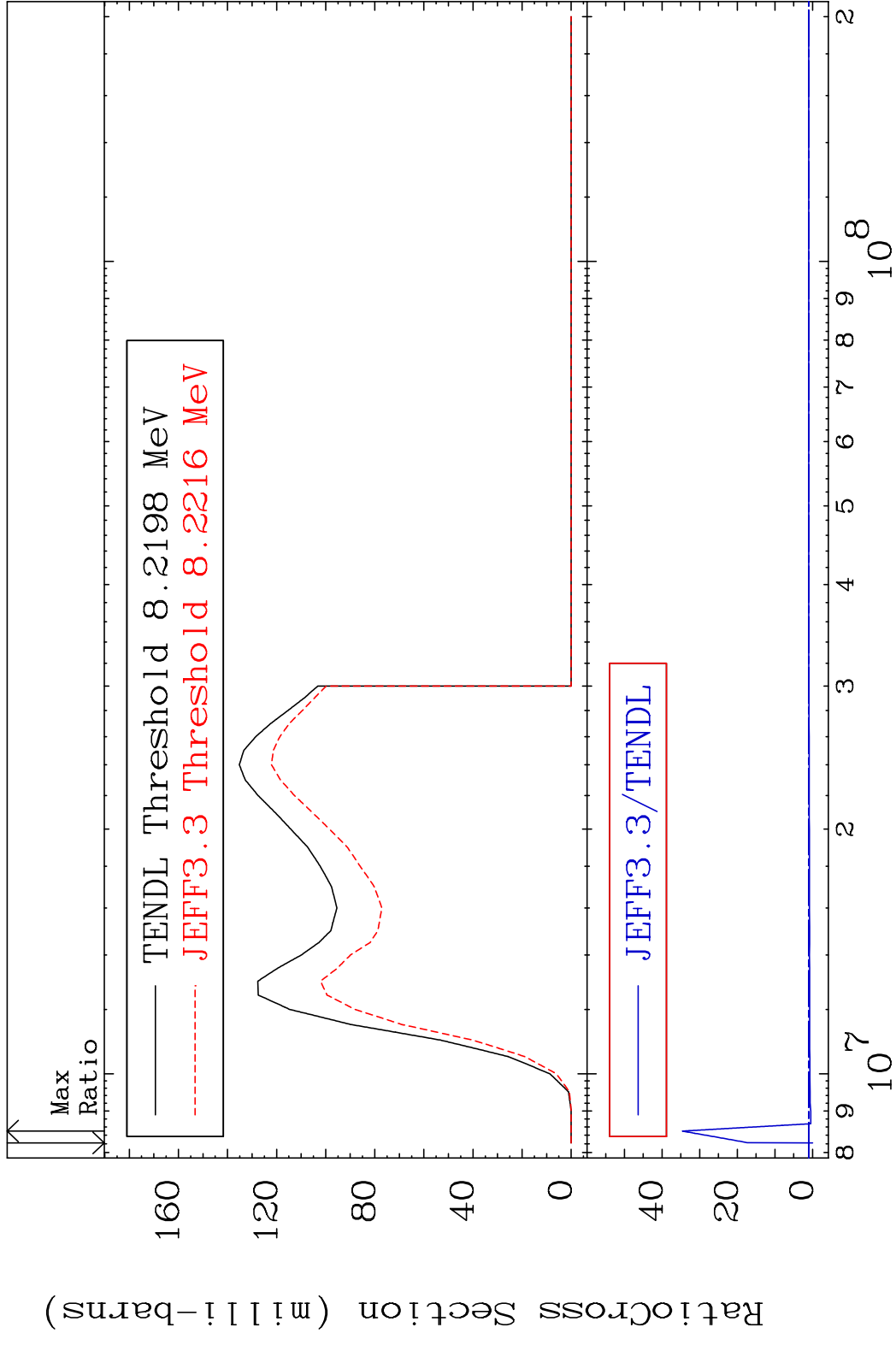


MAT 2328

(n, n') p

23-V -51

Cross Section -100.0 To 3361. %

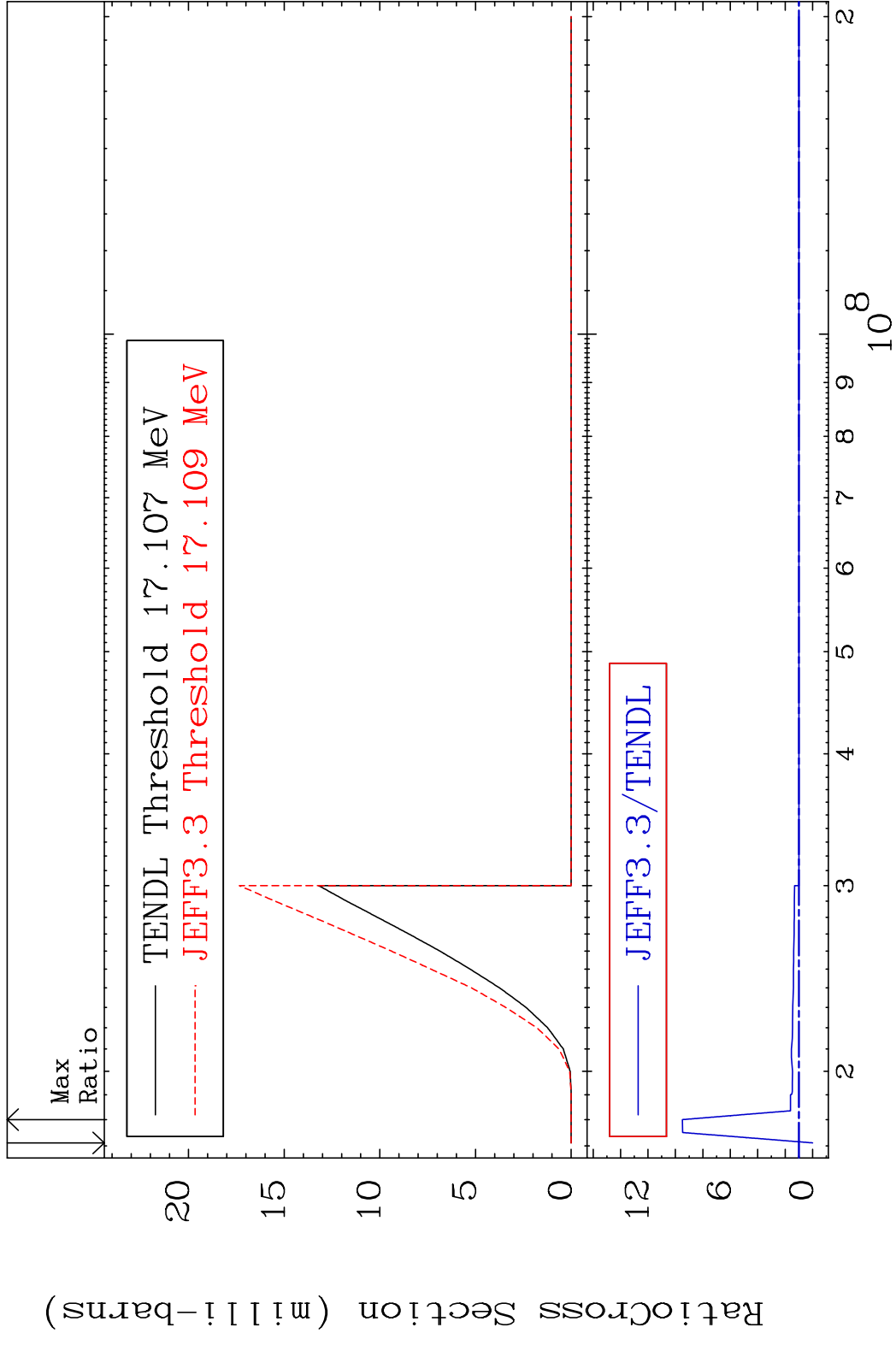


9

Incident Energy (eV)

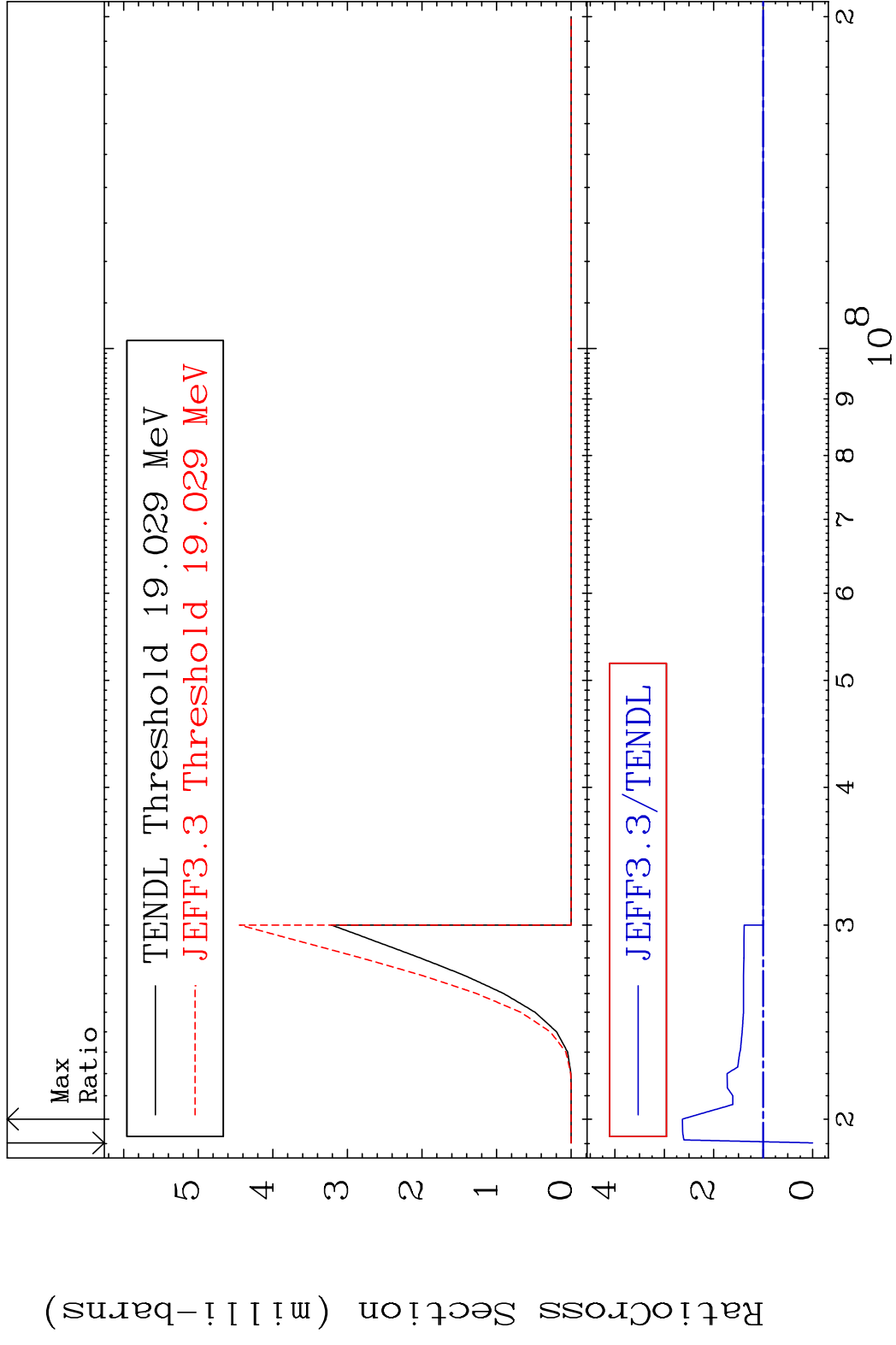
23-V -51

MAT 2328 (n, n') d 23-V -51  
 Cross Section -100.0 To 849.4 %

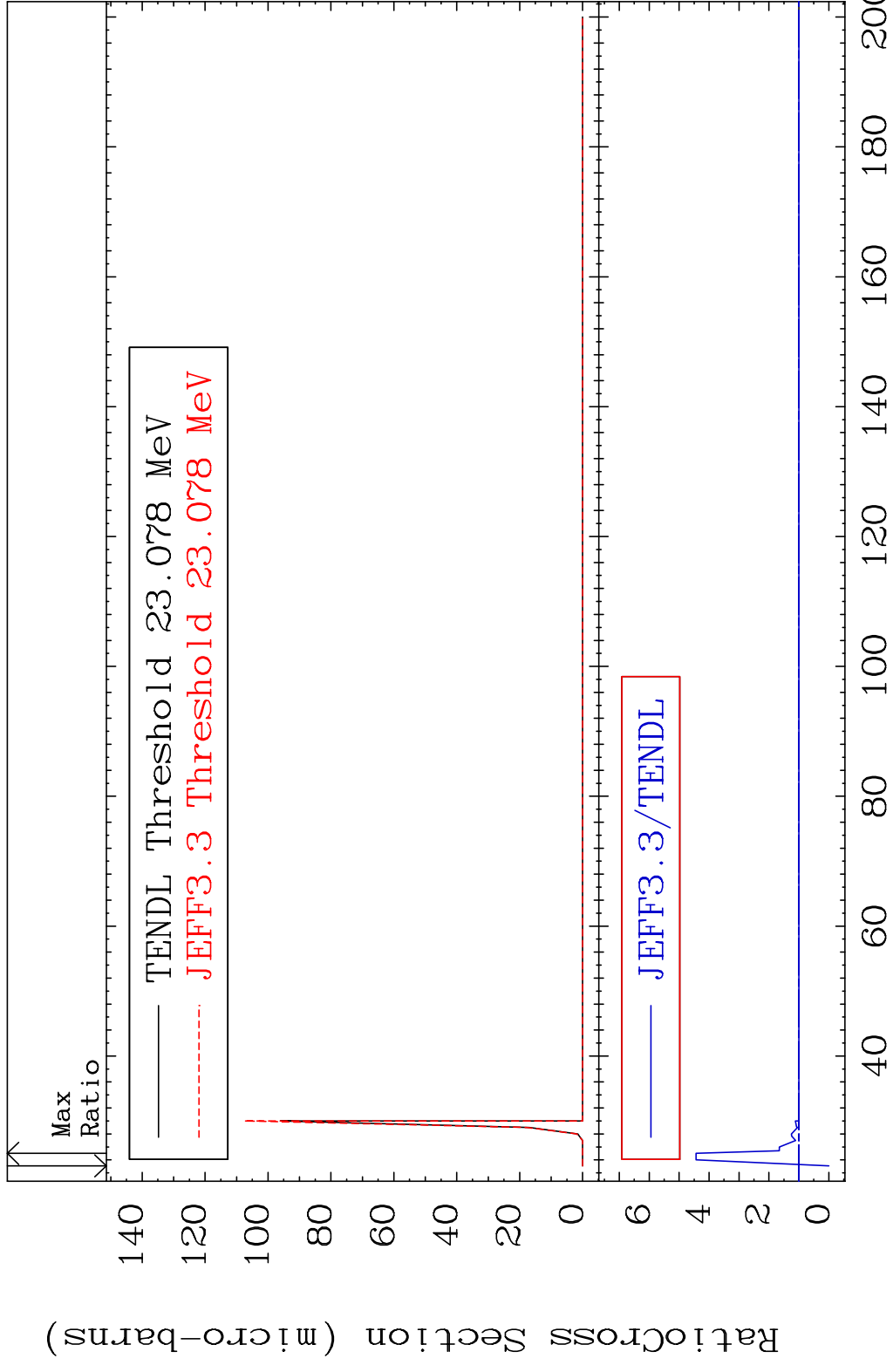


10 23-V -51

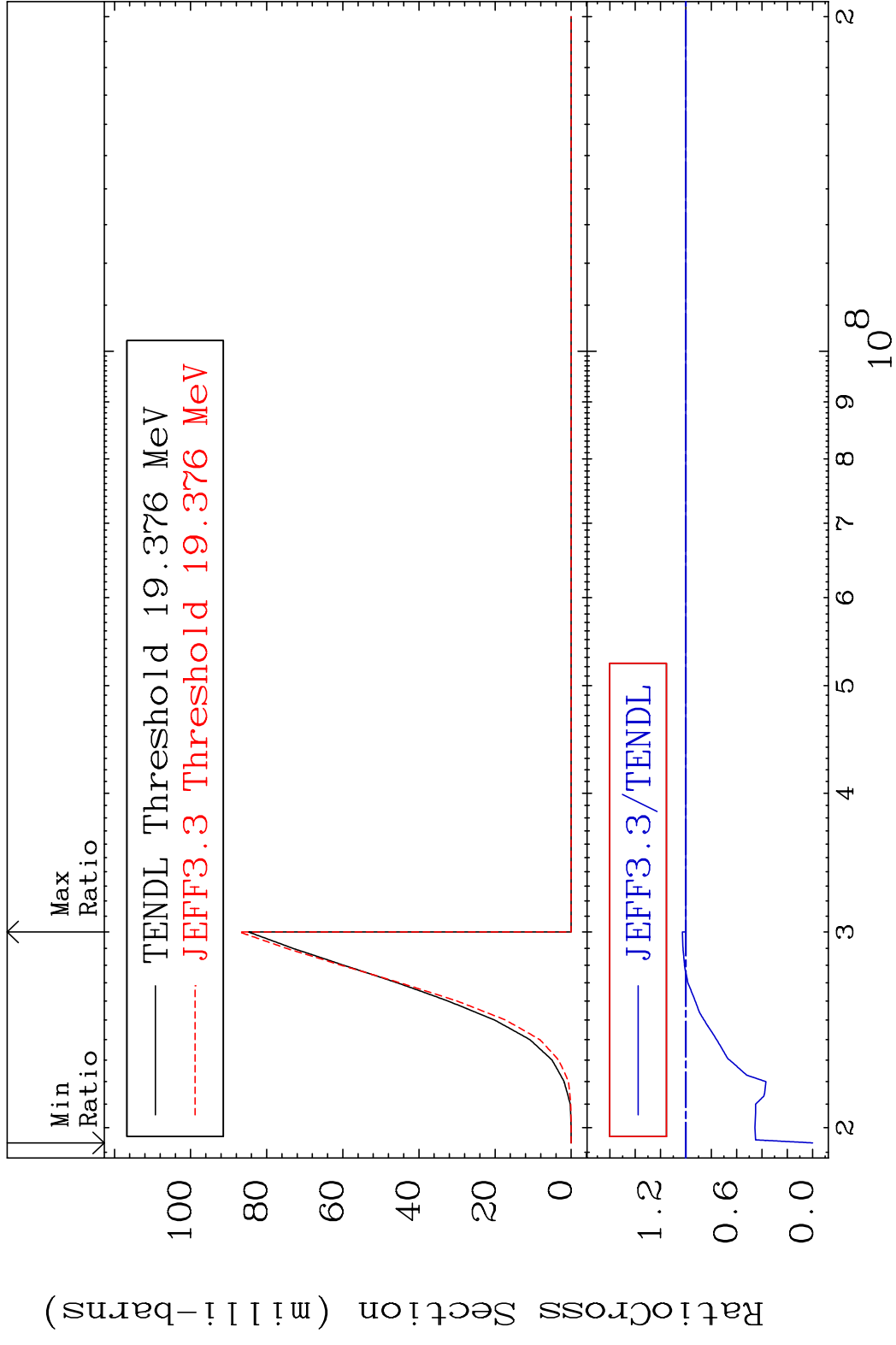
MAT 2328 (n, n') t 23-V -51  
 Cross Section -100.0 To 163.5 %



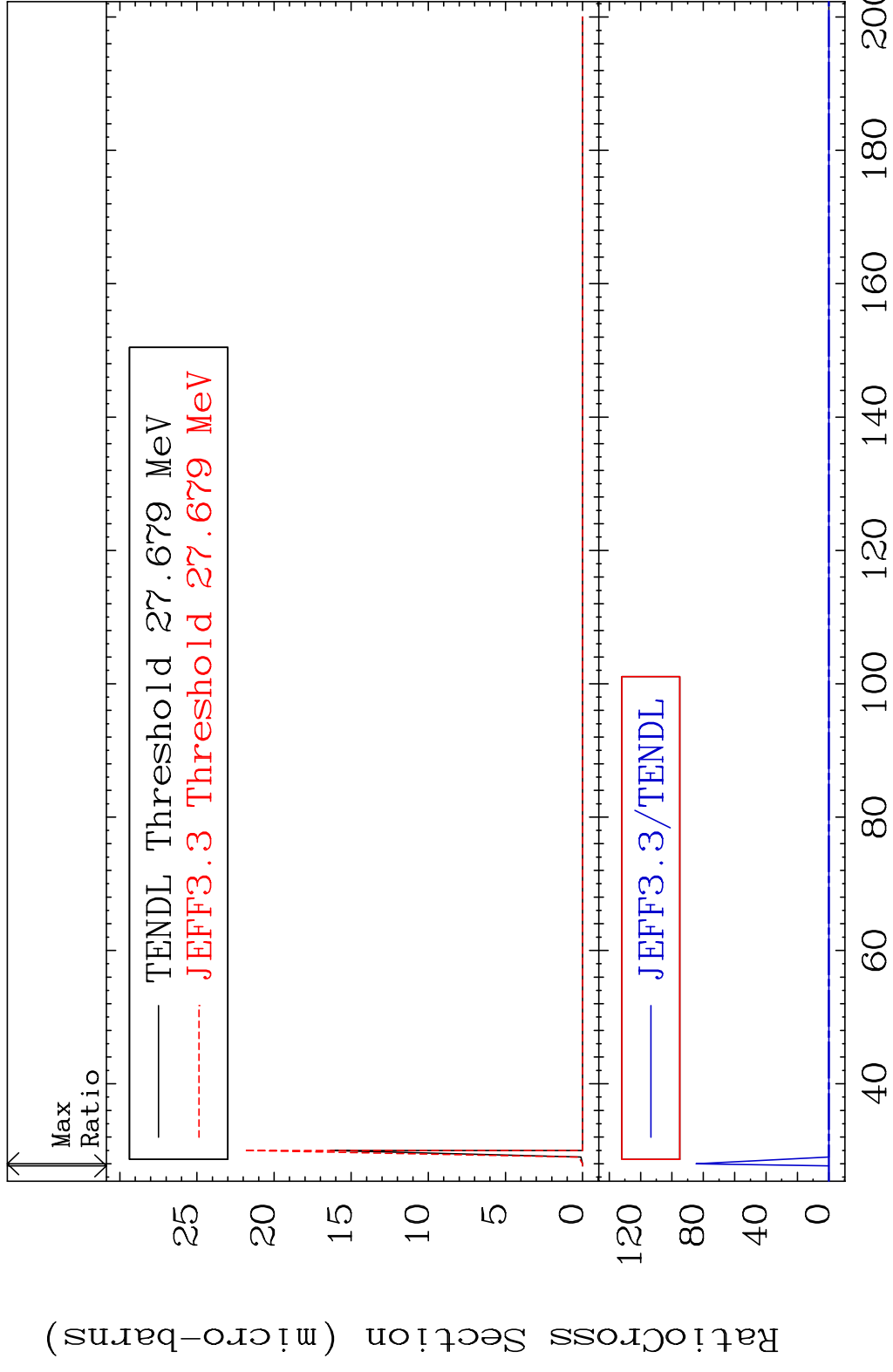
MAT 2328 (n,n') He-3 23-V -51  
 Cross Section -100.0 To 343.7 %



MAT 2328 (n,2n) p 23-V -51  
 Cross Section -100.0 To 2.812 %



MAT 2328 (n,3n) p 23-V -51  
 Cross Section -100.0 To 9999. %

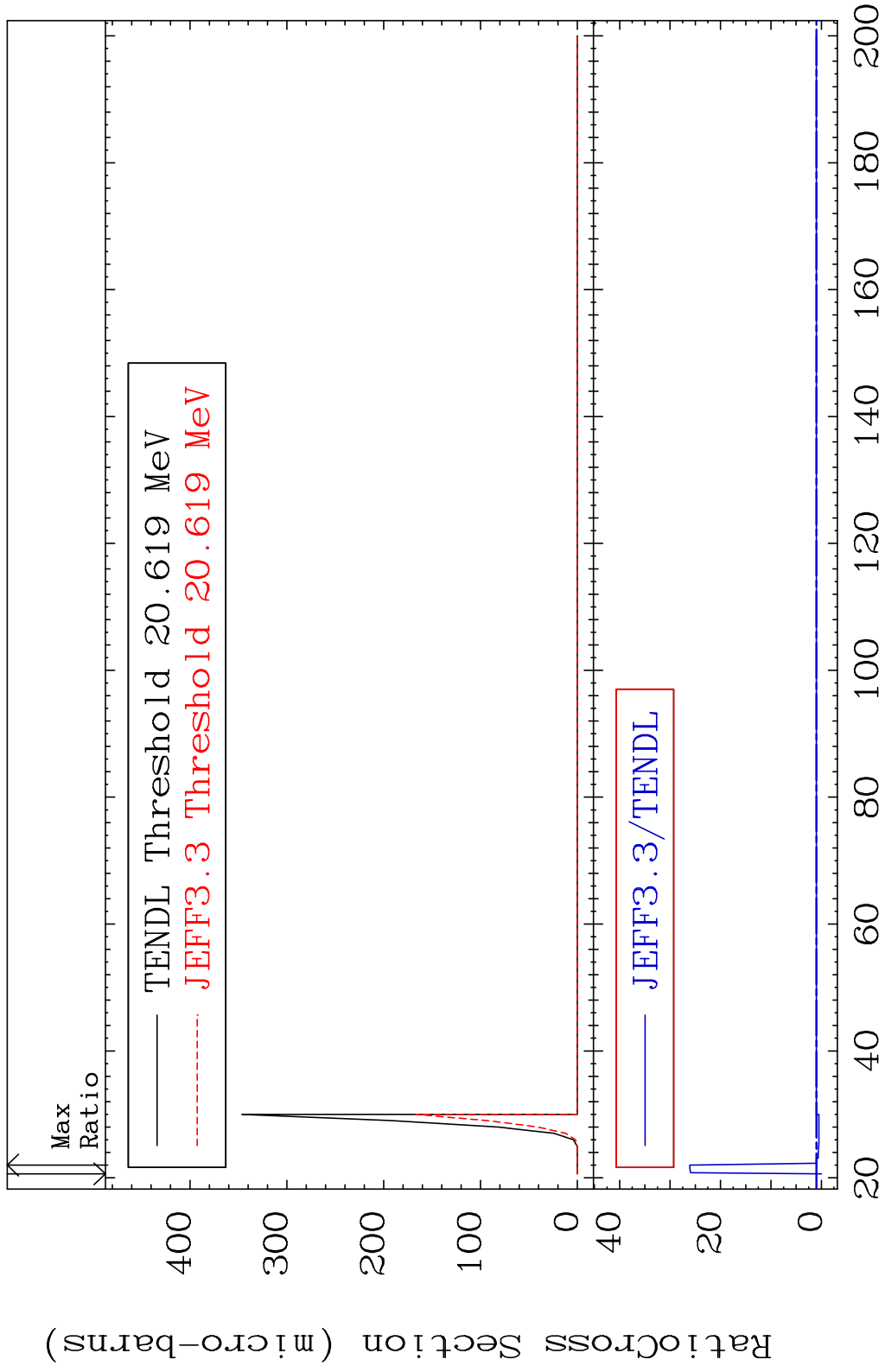


MAT 2328

(n,2n) p

23-V -51

Cross Section -100.0 To 2509. %



15

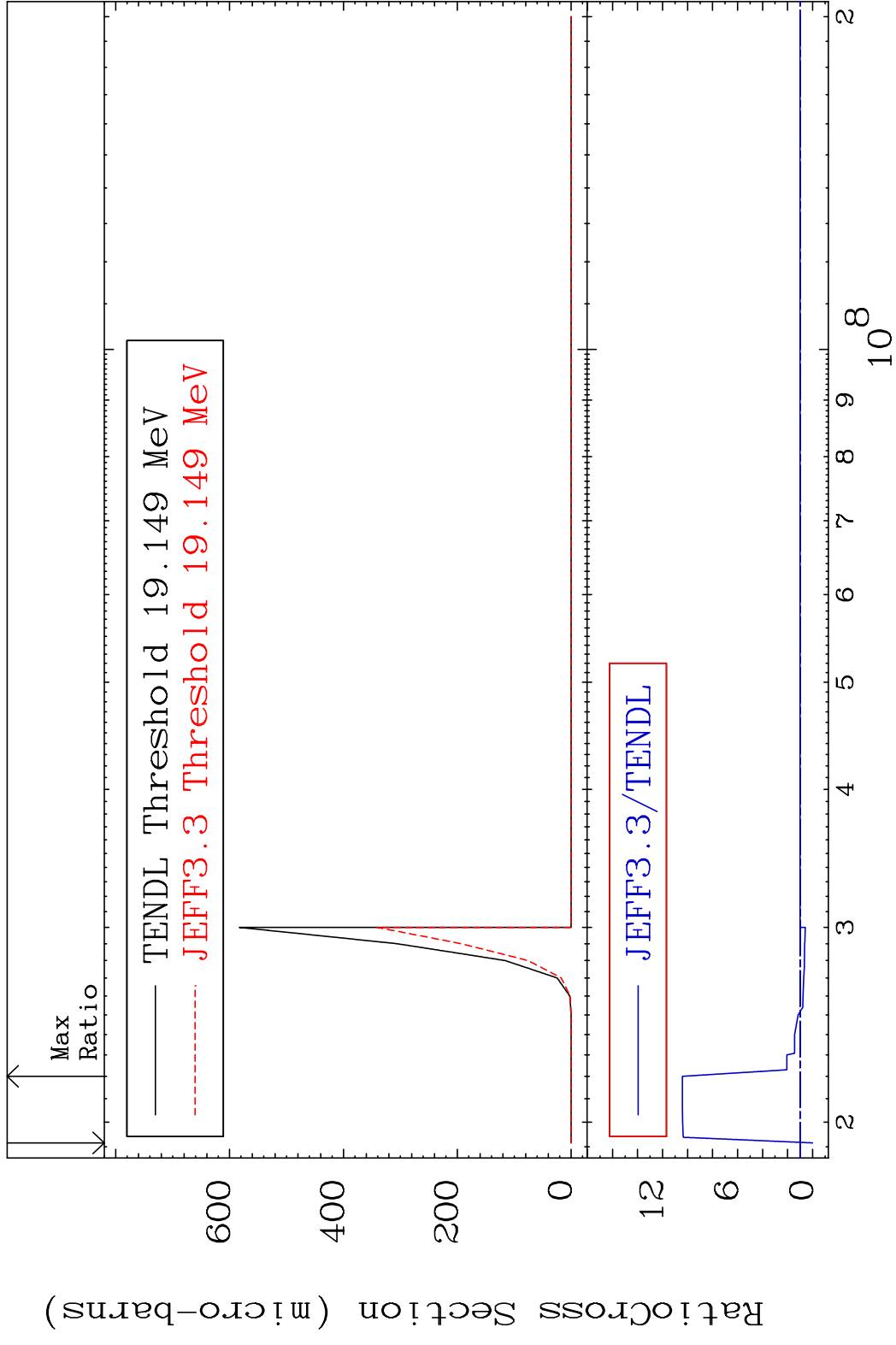
Incident Energy (MeV)

23-V -51



MAT 2328

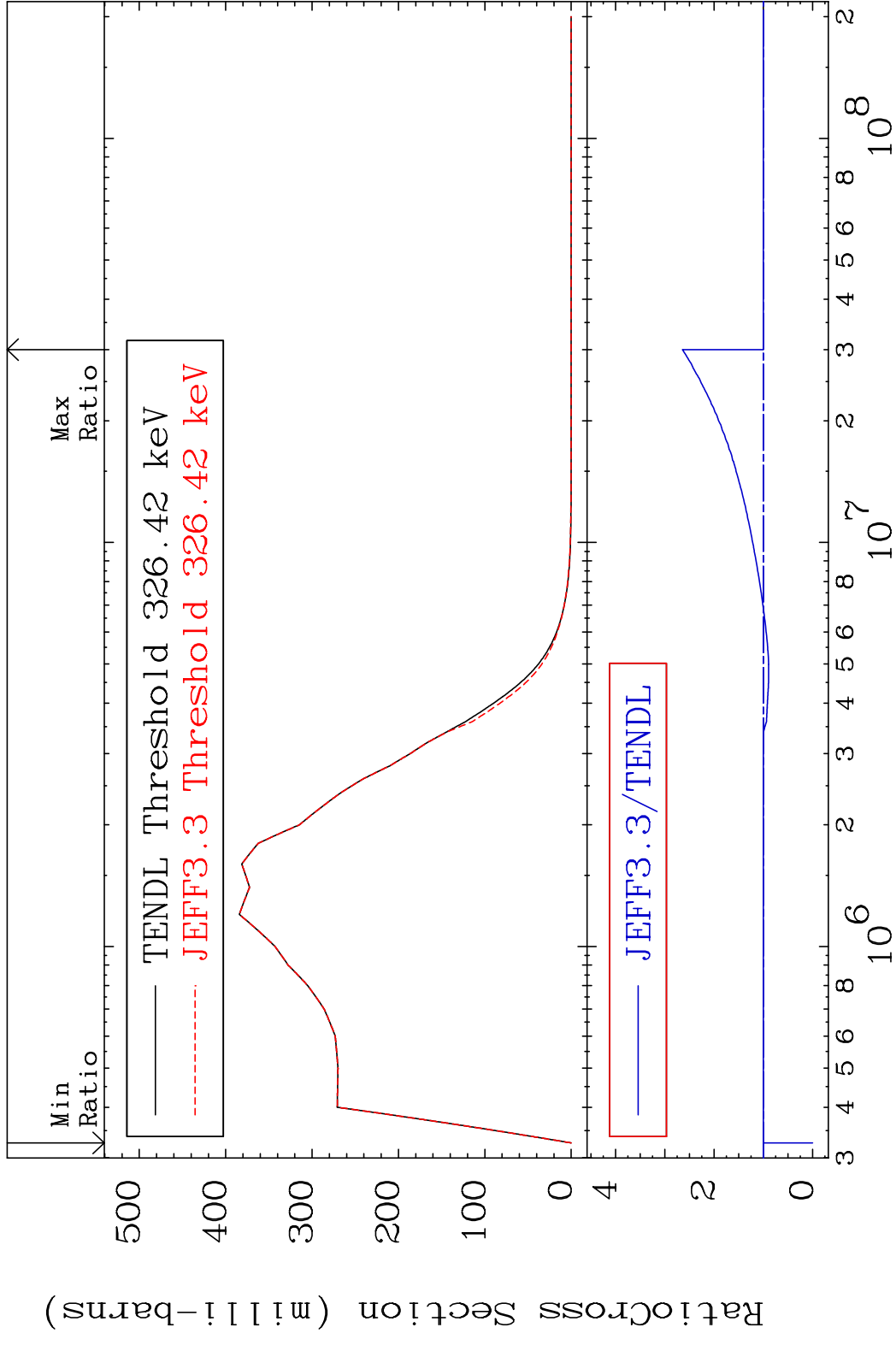
(n,n') p  $\alpha$  23-V -51  
Cross Section -100.0 To 941.7 %



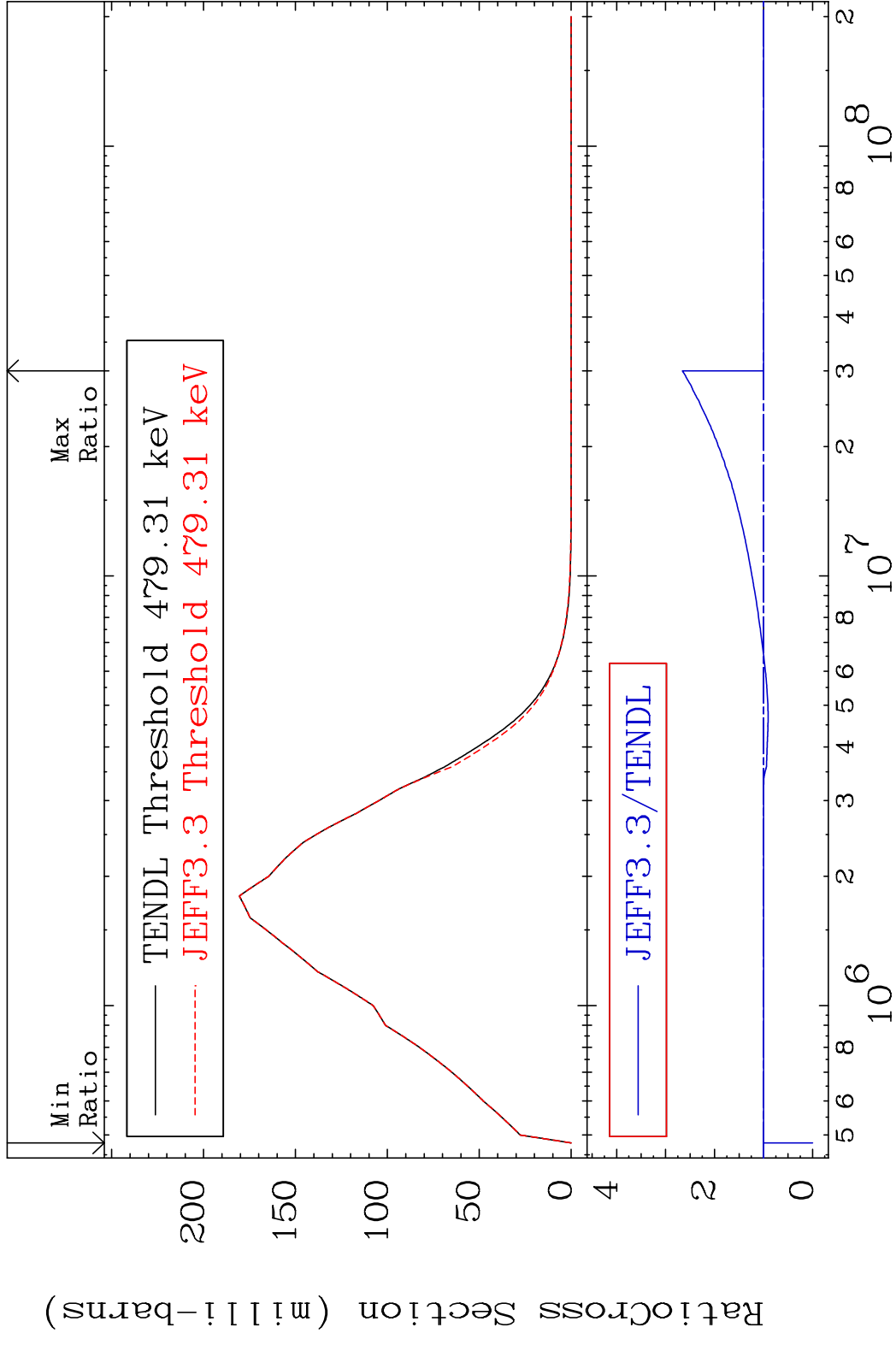
16

Incident Energy (eV) 23-V -51

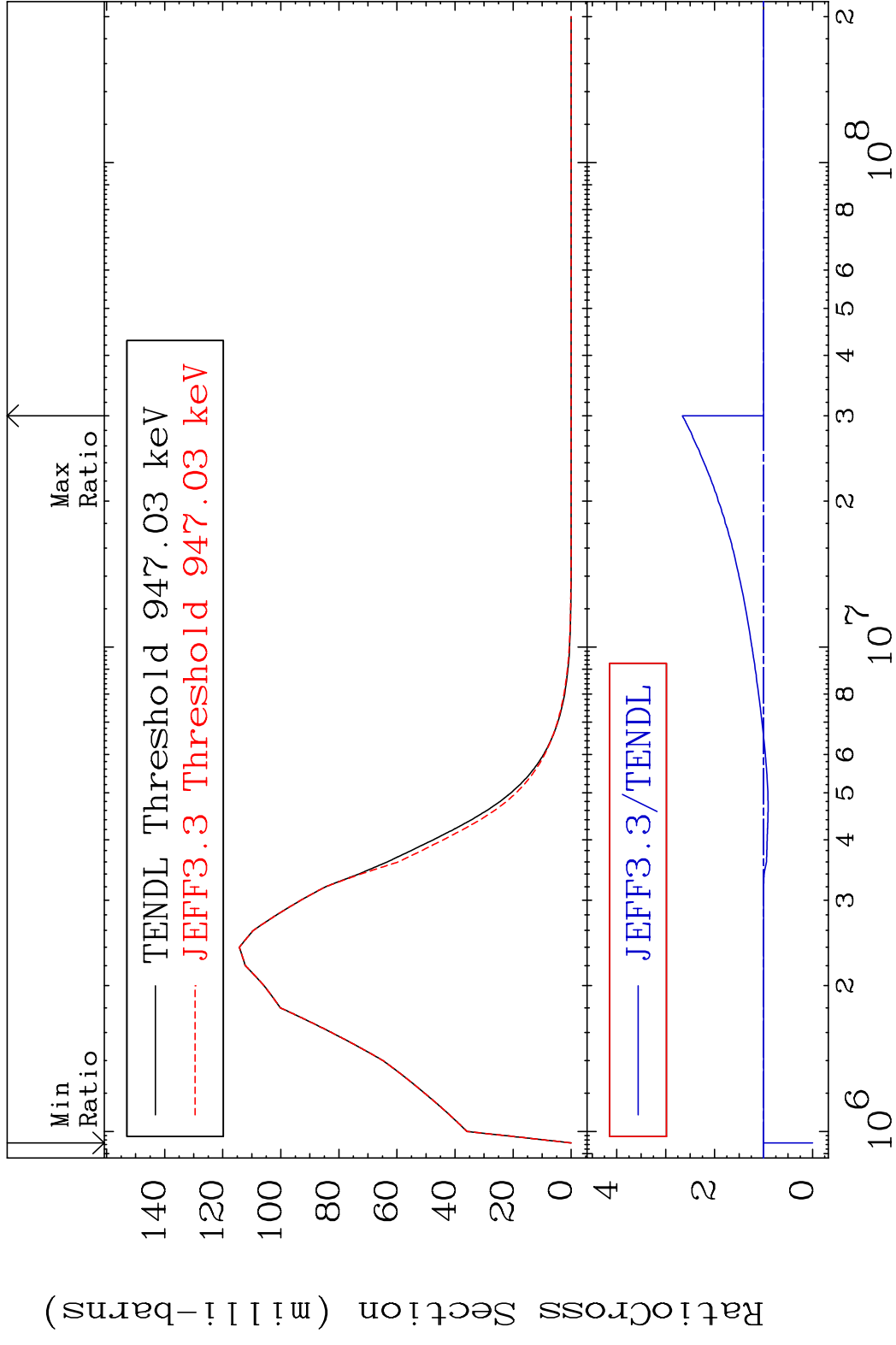
MAT 2328 MT= 51 (n,n') Level 23-V -51  
 Cross Section -100.0 To 164.5 %



MAT 2328 MT= 52 (n, n') Level 23-V -51  
 Cross Section -100.0 To 165.8 %

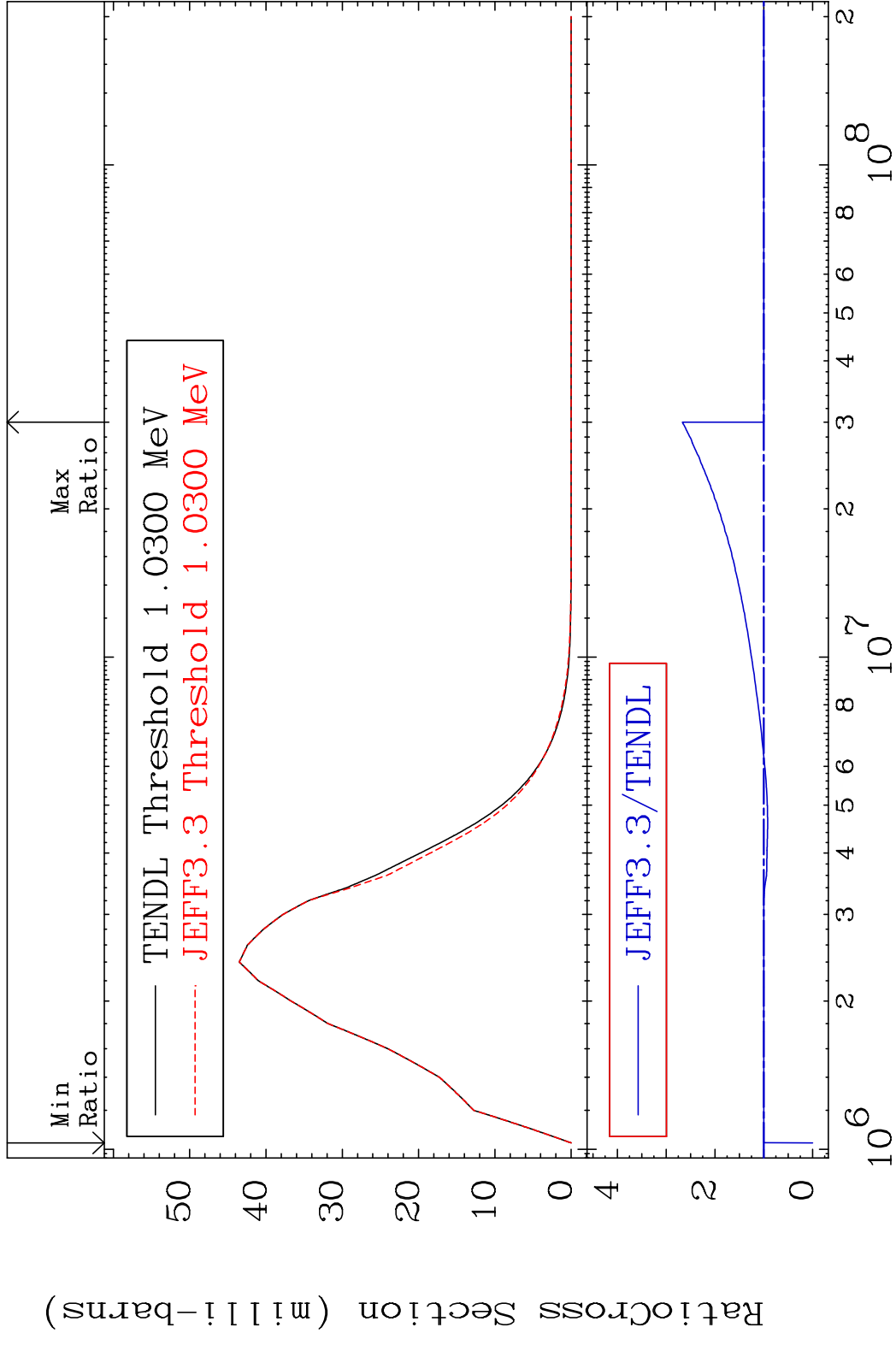


MAT 2328 MT= 53 (n, n') Level 23-V -51  
 Cross Section -100.0 To 165.9 %



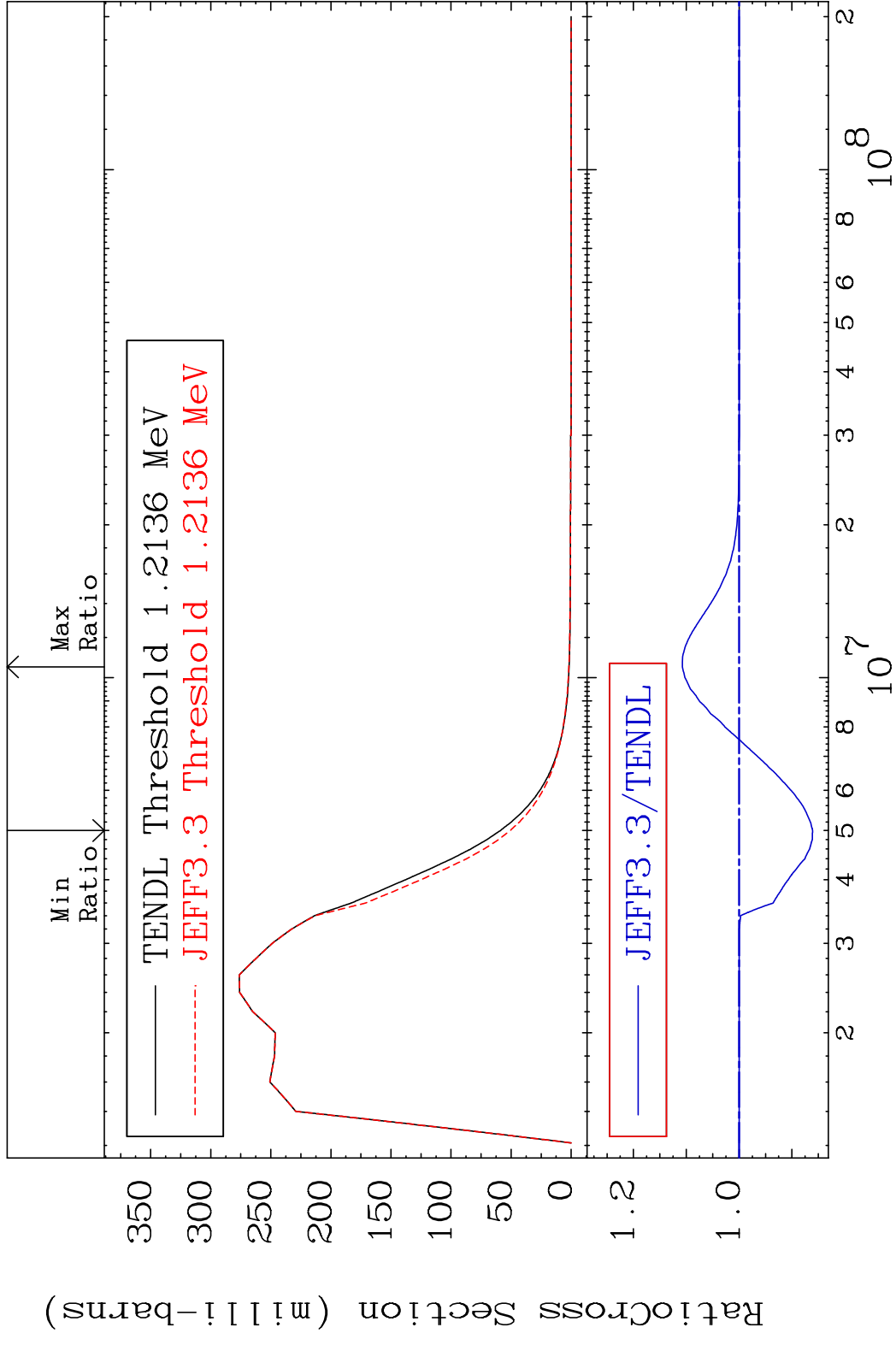
19 Incident Energy (eV) 23-V -51

MAT 2328 MT= 54 (n, n') Level 23-V -51  
 Cross Section -100.0 To 166.7 %

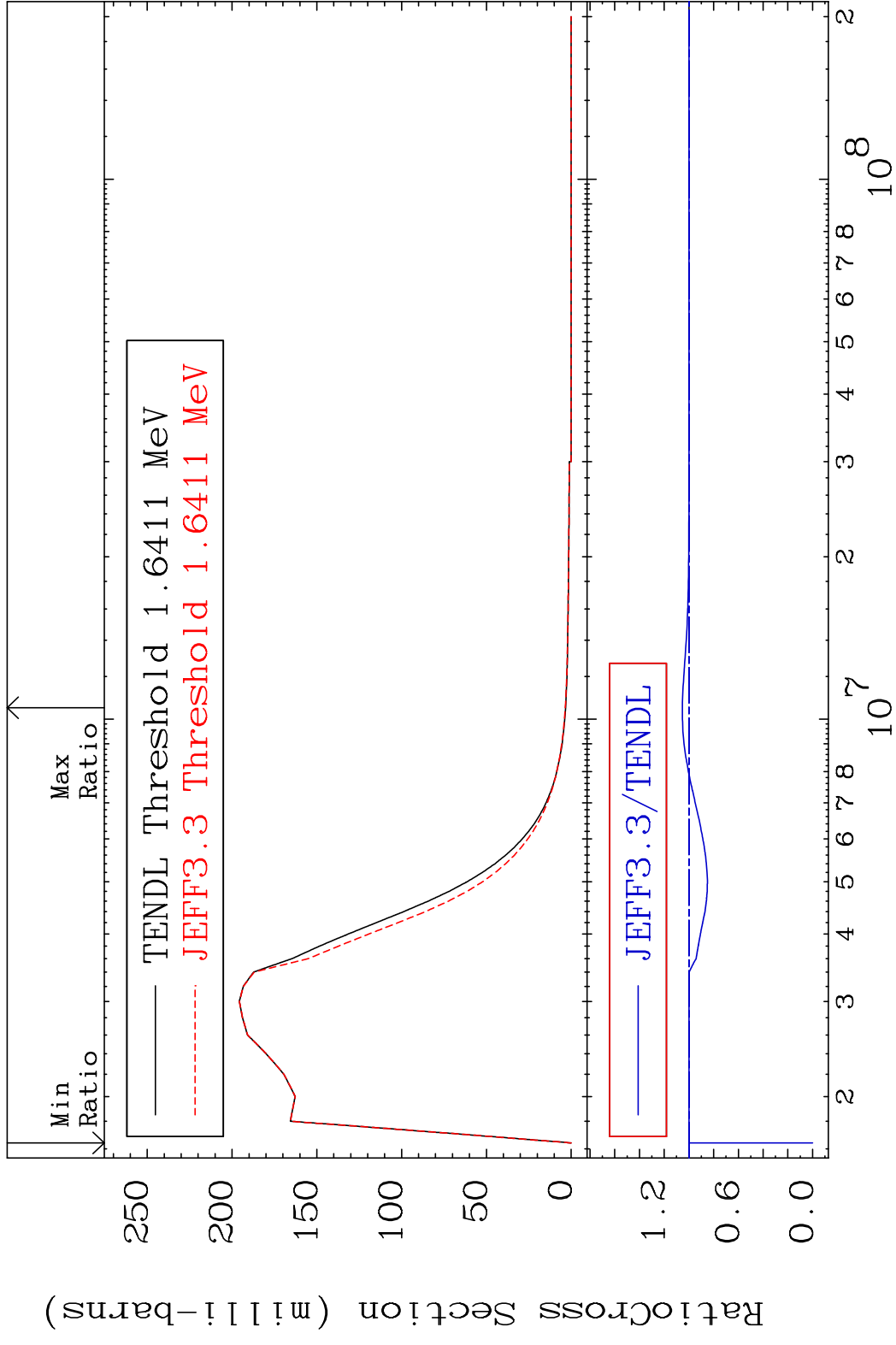


20 Incident Energy (eV) 23-V -51

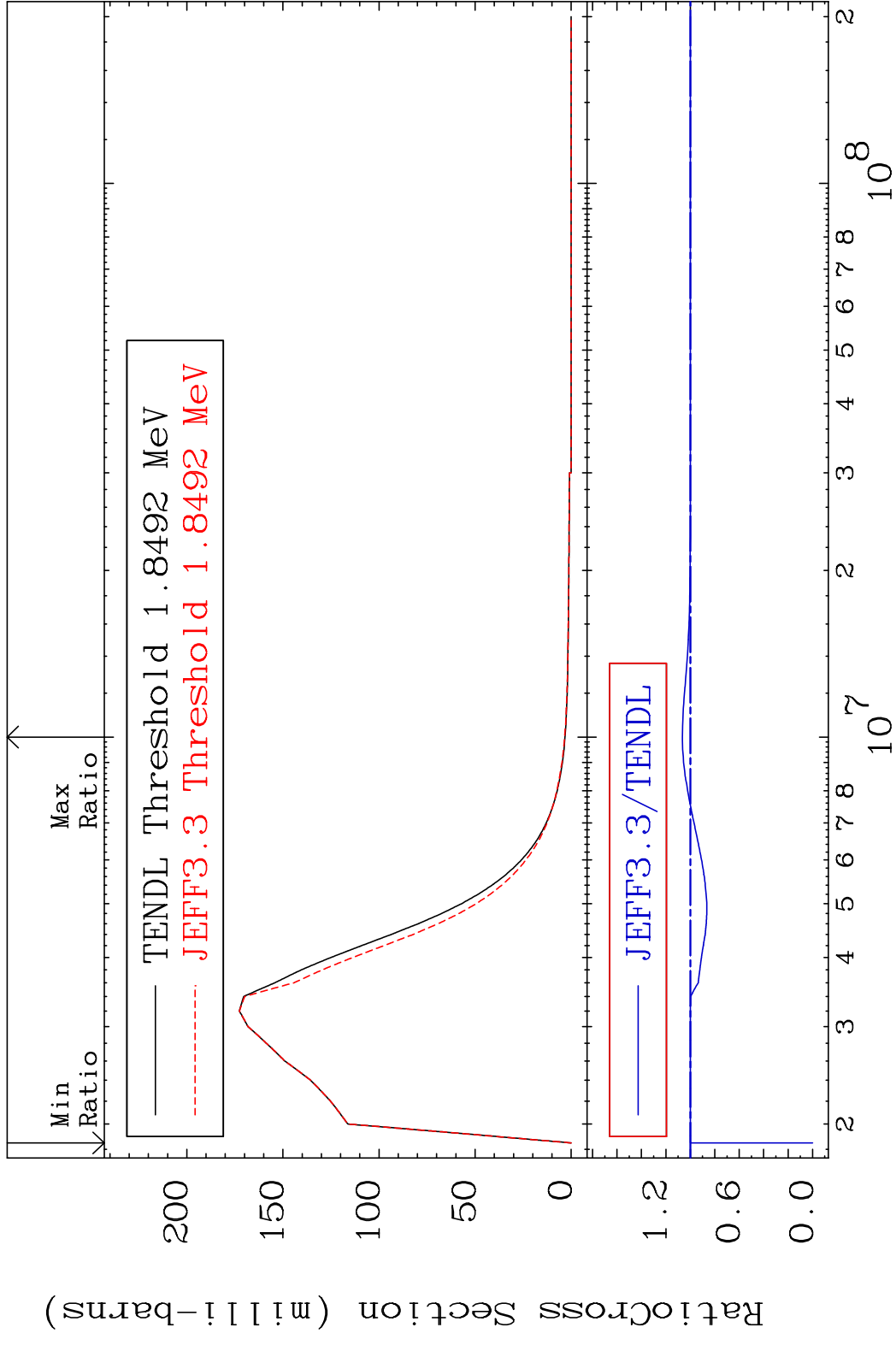
MAT 2328 MT= 55 (n, n') Level 23-V -51  
 Cross Section -13.90 To 10.74 %



MAT 2328 MT= 56 (n,n') Level 23-V -51  
 Cross Section -100.0 To 5.322 %

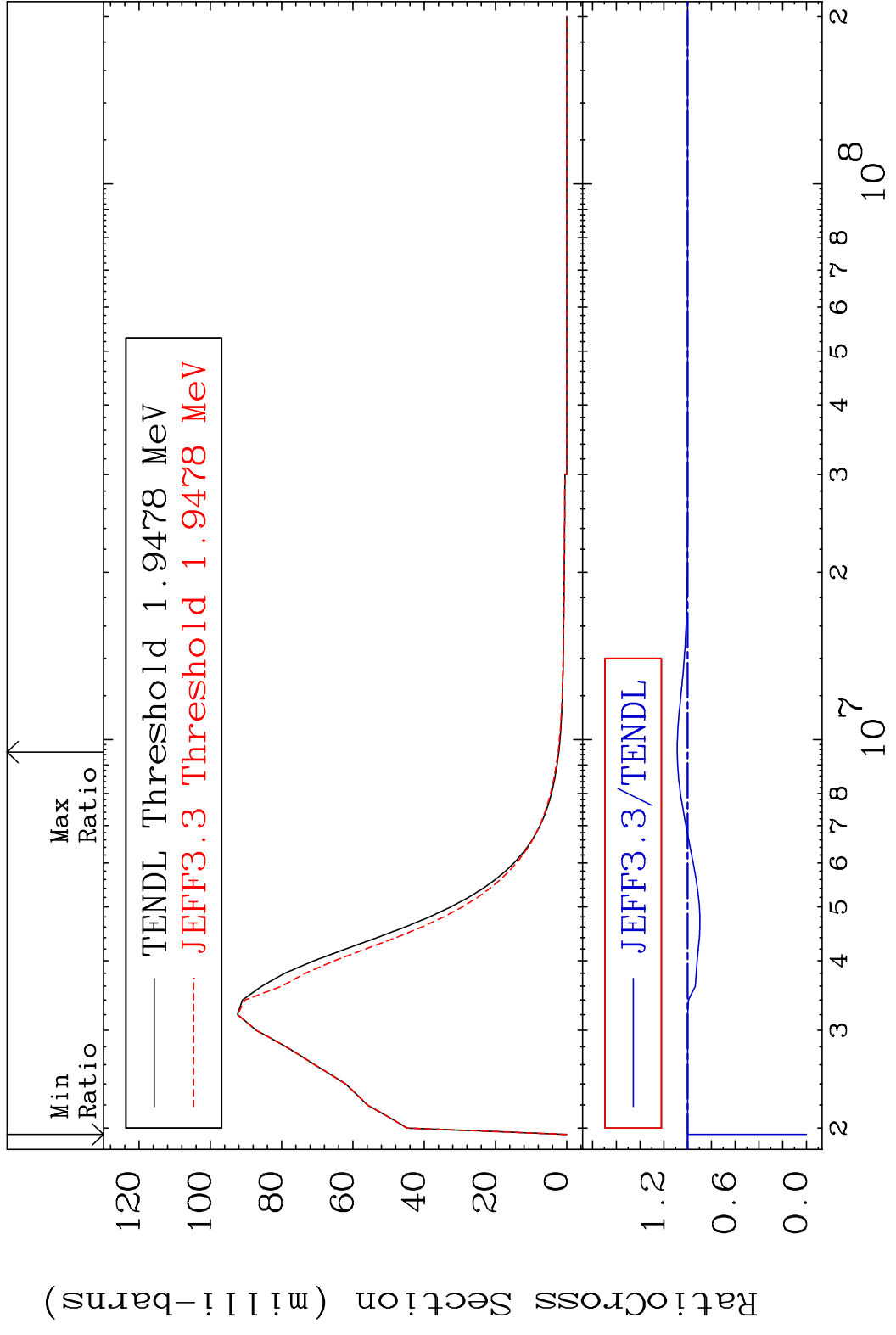


MAT 2328 MT= 57 (n,n') Level 23-V -51  
 Cross Section -100.0 To 6.524 %



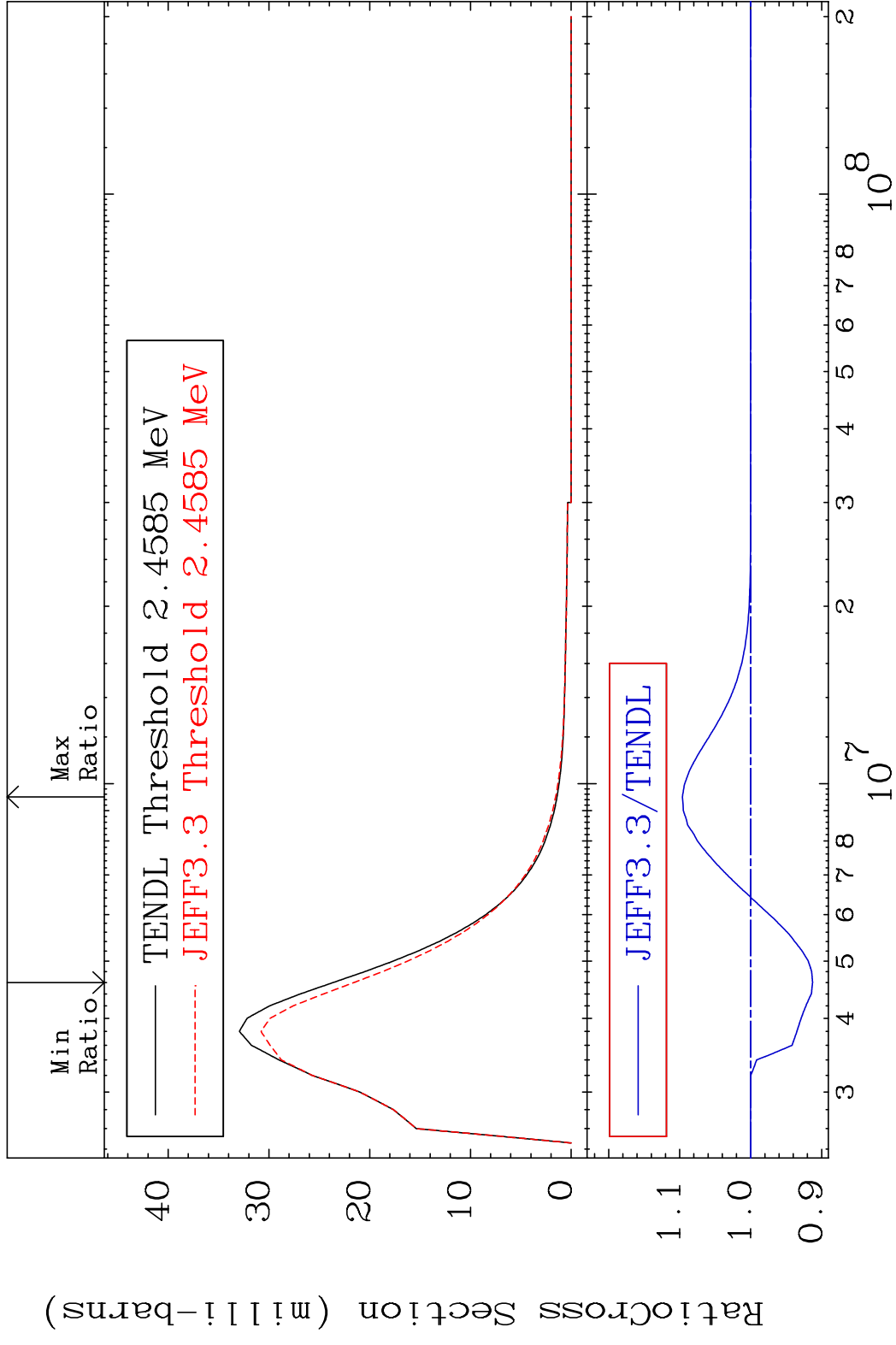


MAT 2328 MT= 58 (n, n') Level 23-V -51  
 Cross Section -100.0 To 8.745 %

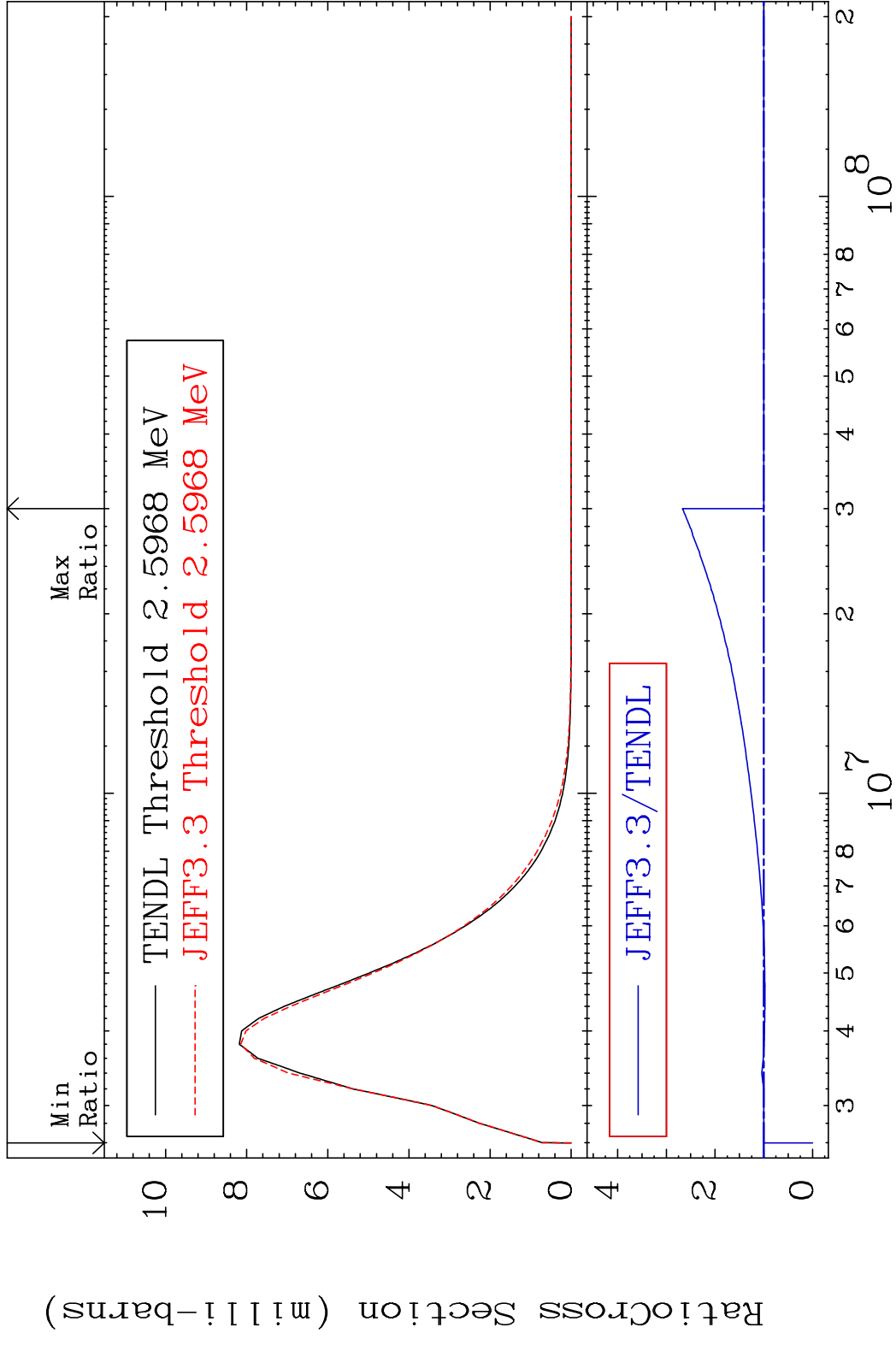


24 Incident Energy (eV) 23-V -51

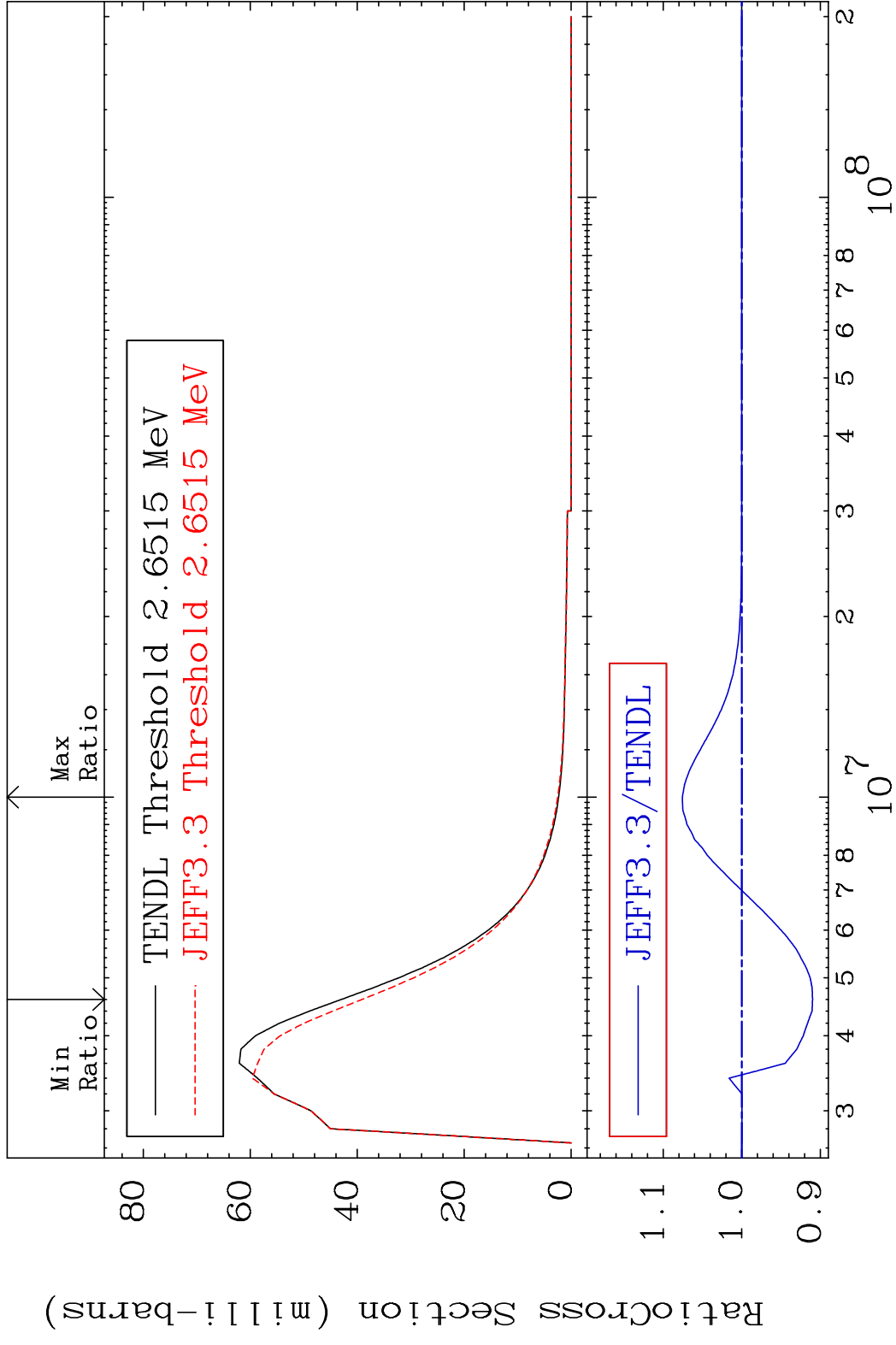
MAT 2328 MT= 59 (n, n') Level 23-V -51  
 Cross Section -8.723 To 9.624 %



MAT 2328 MT= 60 (n, n') Level 23-V -51  
 Cross Section -100.0 To 167.1 %



MAT 2328 MT= 61 (n, n') Level 23-V -51  
 Cross Section -9.009 To 7.555 %

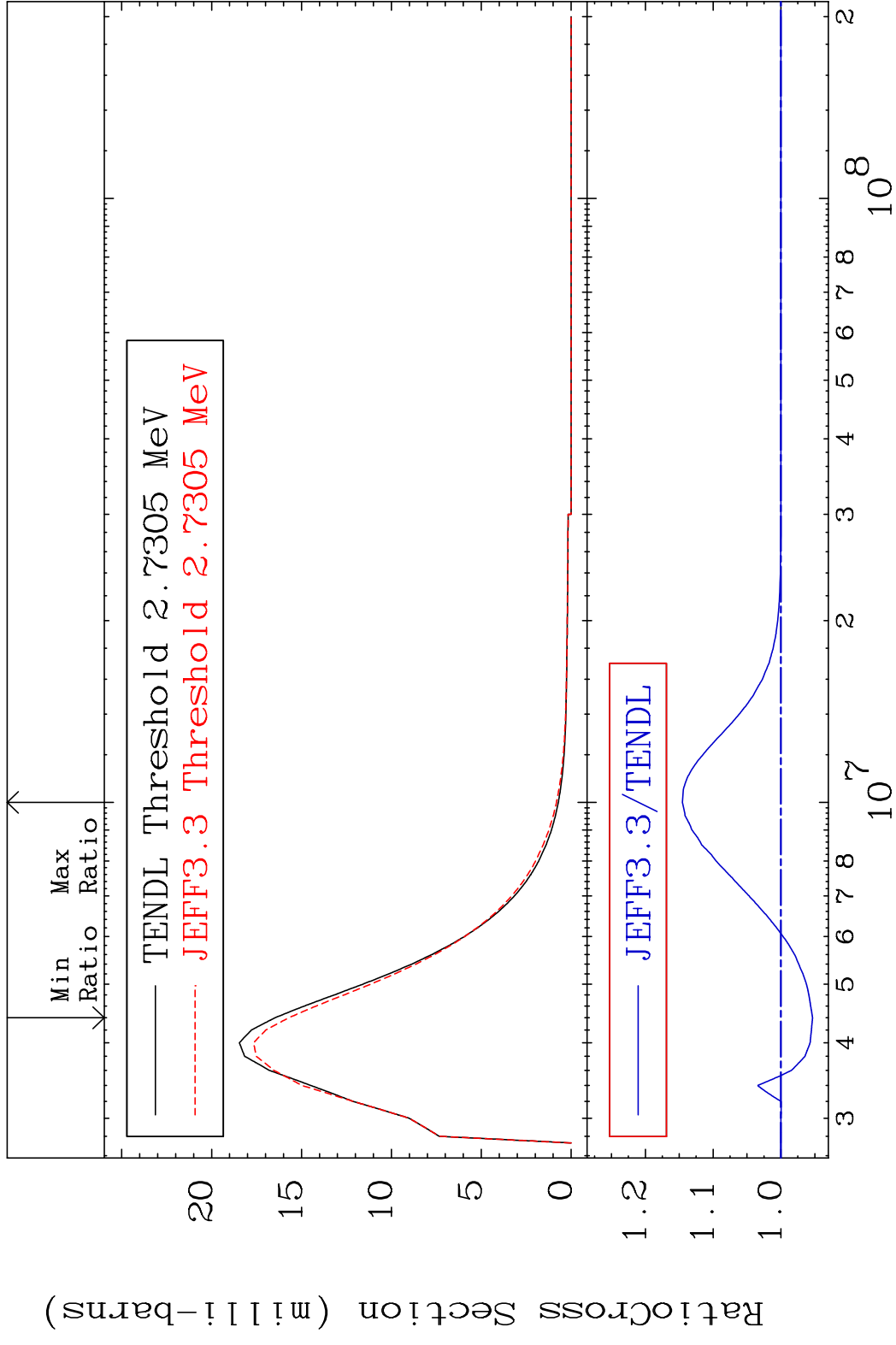


MAT 2328

MT= 62 (n, n') Level

23-V -51

Cross Section -4.668 To 14.54 %



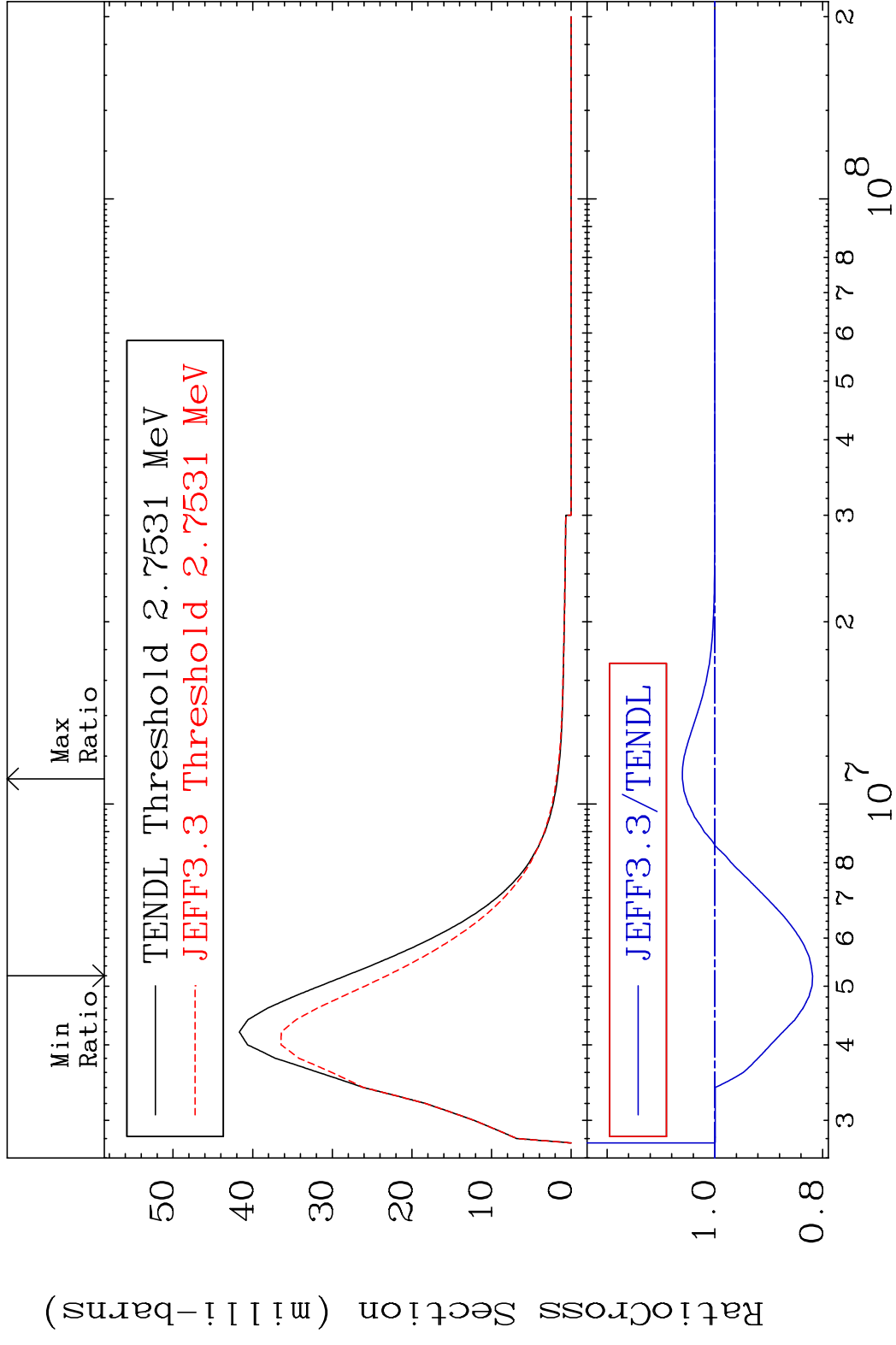
28

Incident Energy (eV)

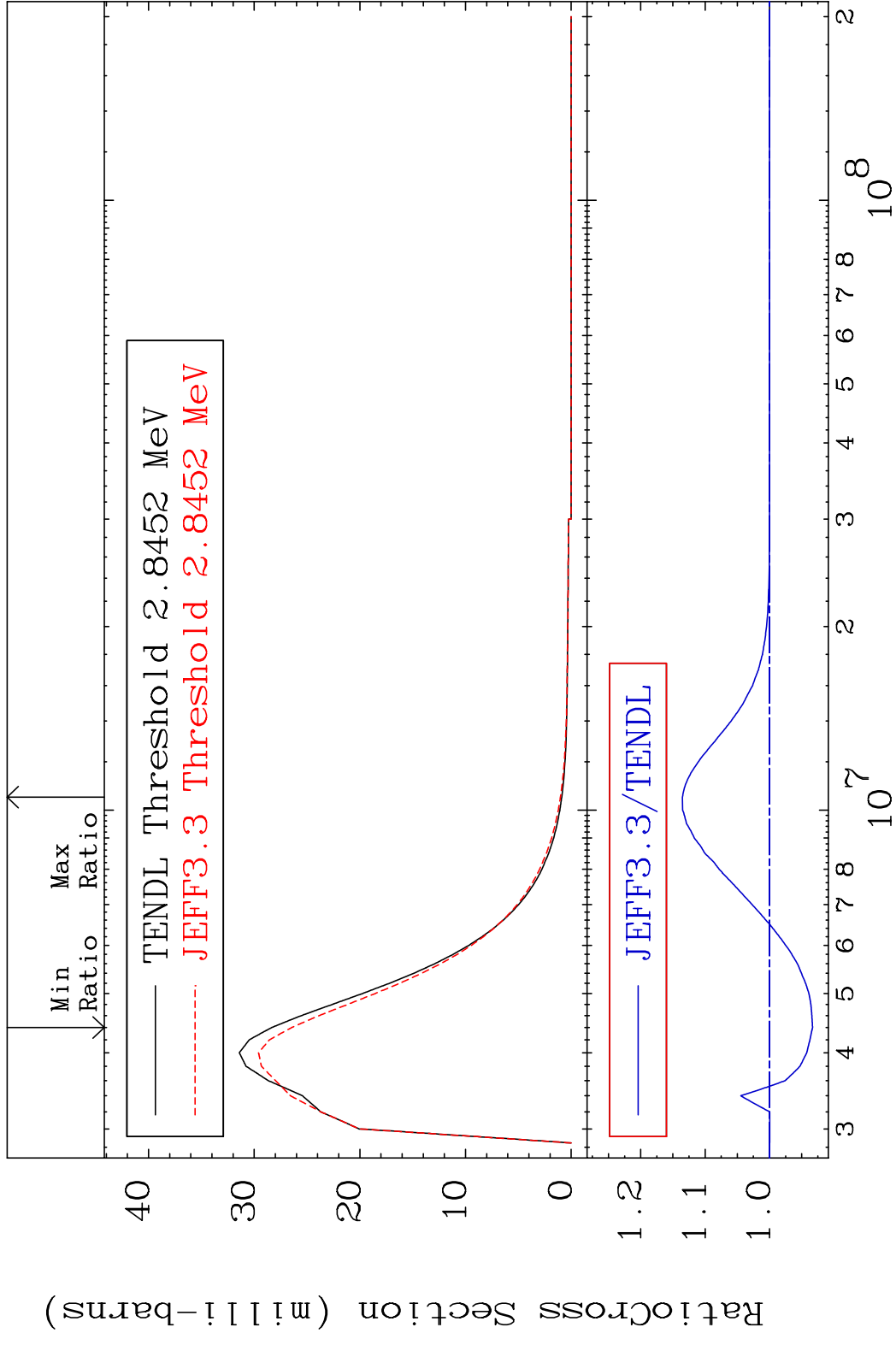
23-V -51

MAT 2328

MT= 63 (n, n') Level 23-V -51  
Cross Section -18.14 To 6.021 %

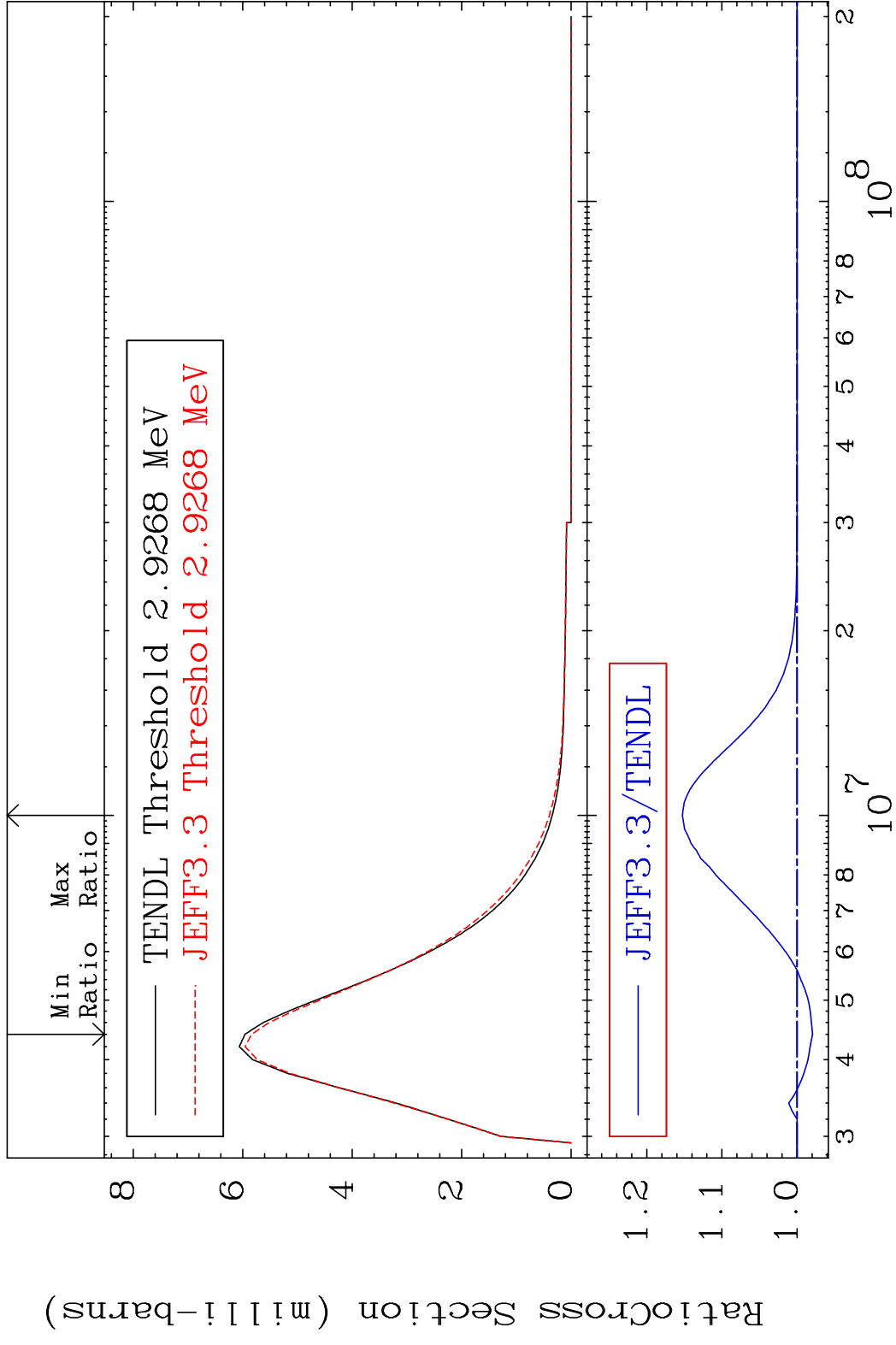


MAT 2328 MT= 64 (n, n') Level 23-V -51  
 Cross Section -6.685 To 13.53 %



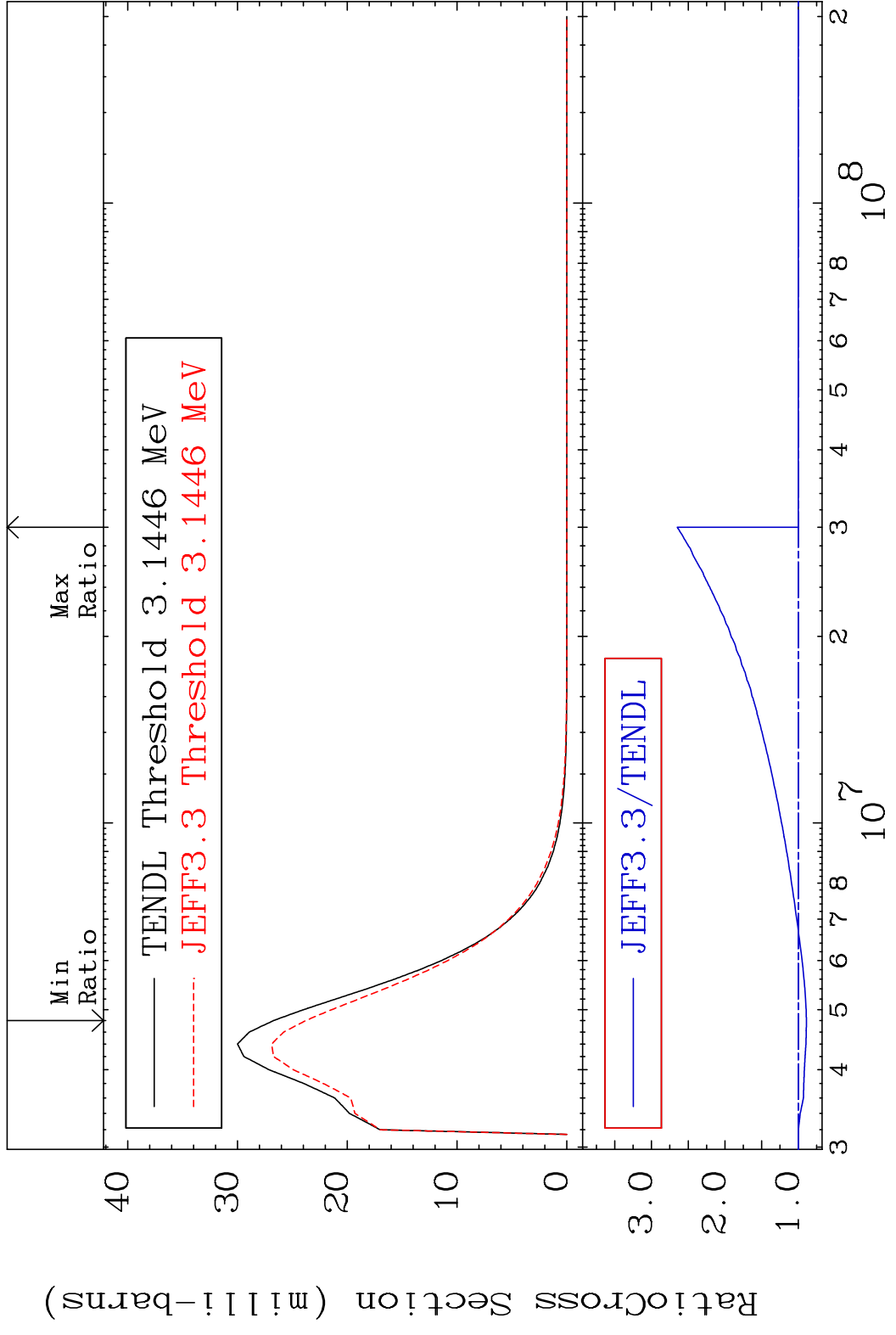
30 Incident Energy (eV) 23-V -51

MAT 2328 MT= 65 (n,n') Level 23-V -51  
 Cross Section -2.062 To 15.27 %

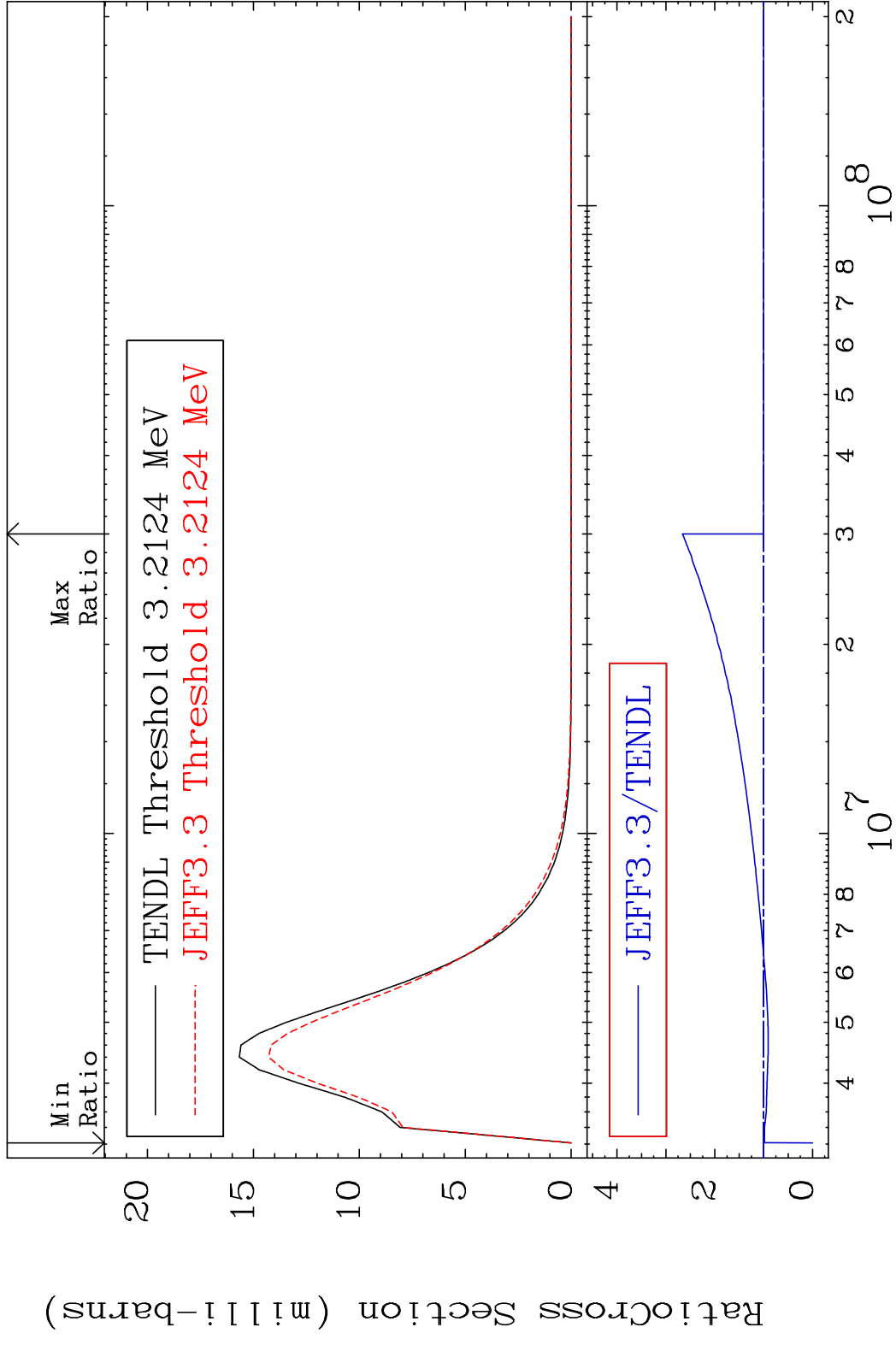




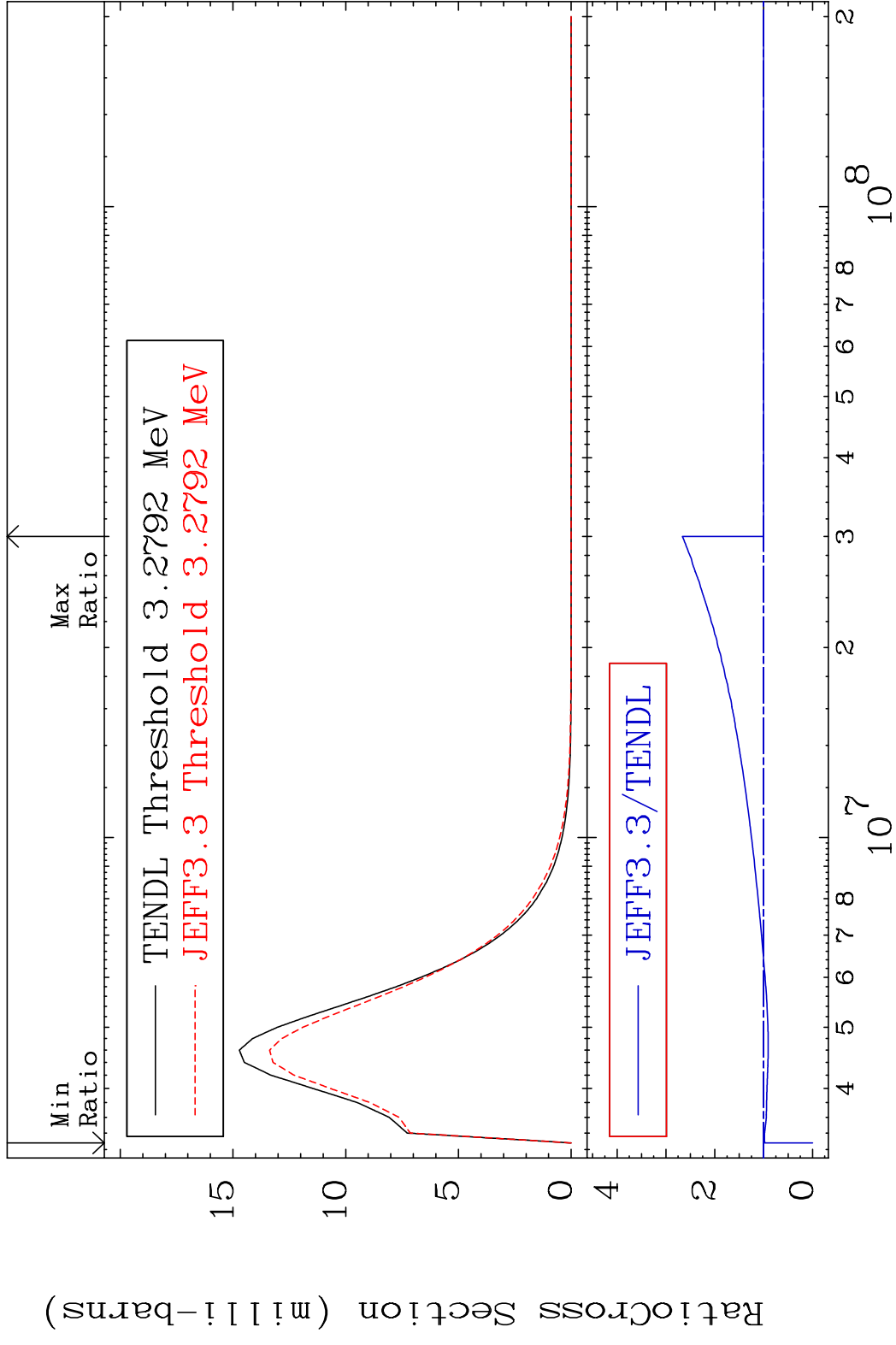
MAT 2328 MT= 66 (n, n') Level 23-V -51  
 Cross Section -10.98 To 165.0 %



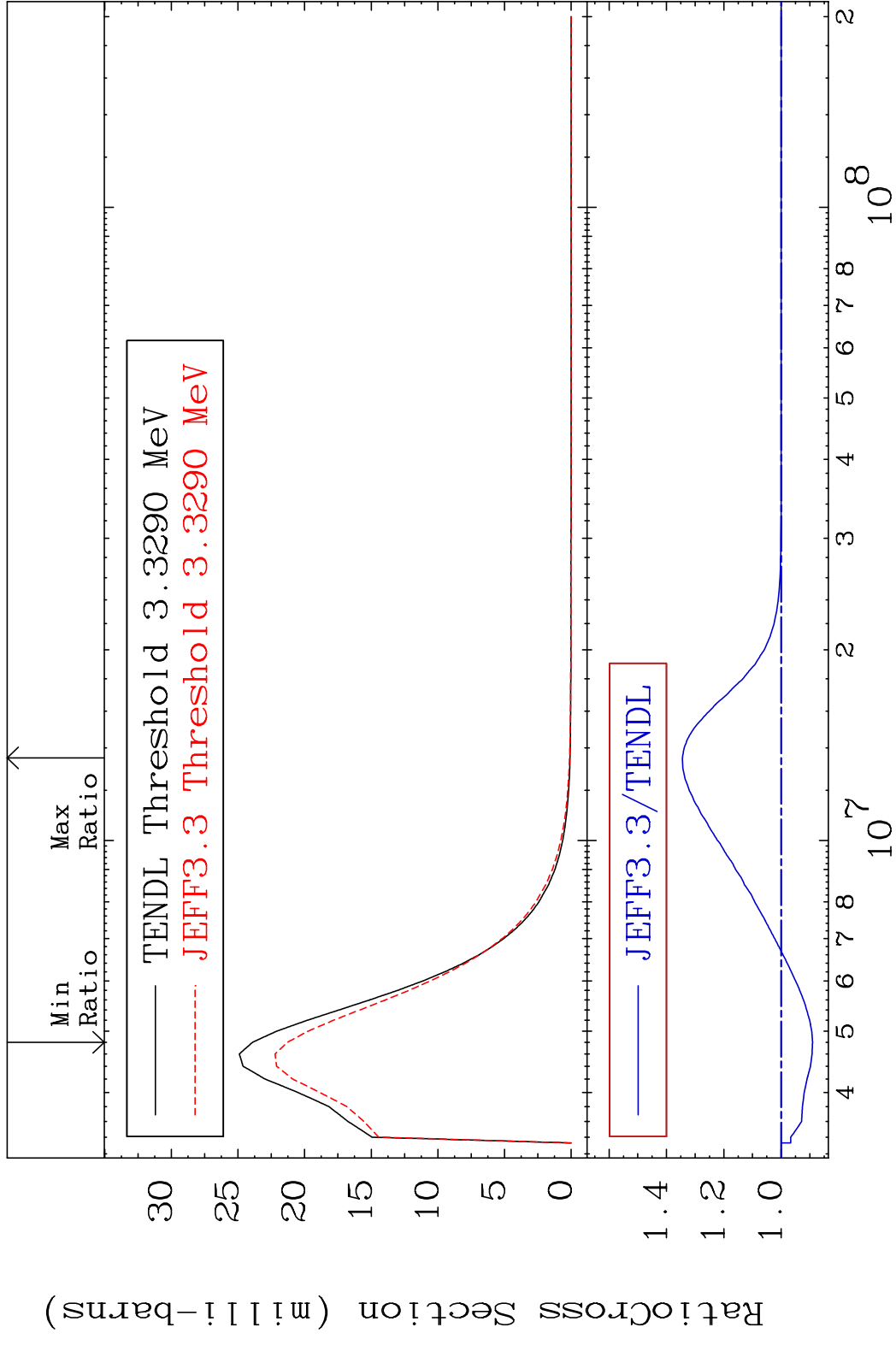
MAT 2328 MT= 67 (n, n') Level 23-V -51  
 Cross Section -100.0 To 166.4 %



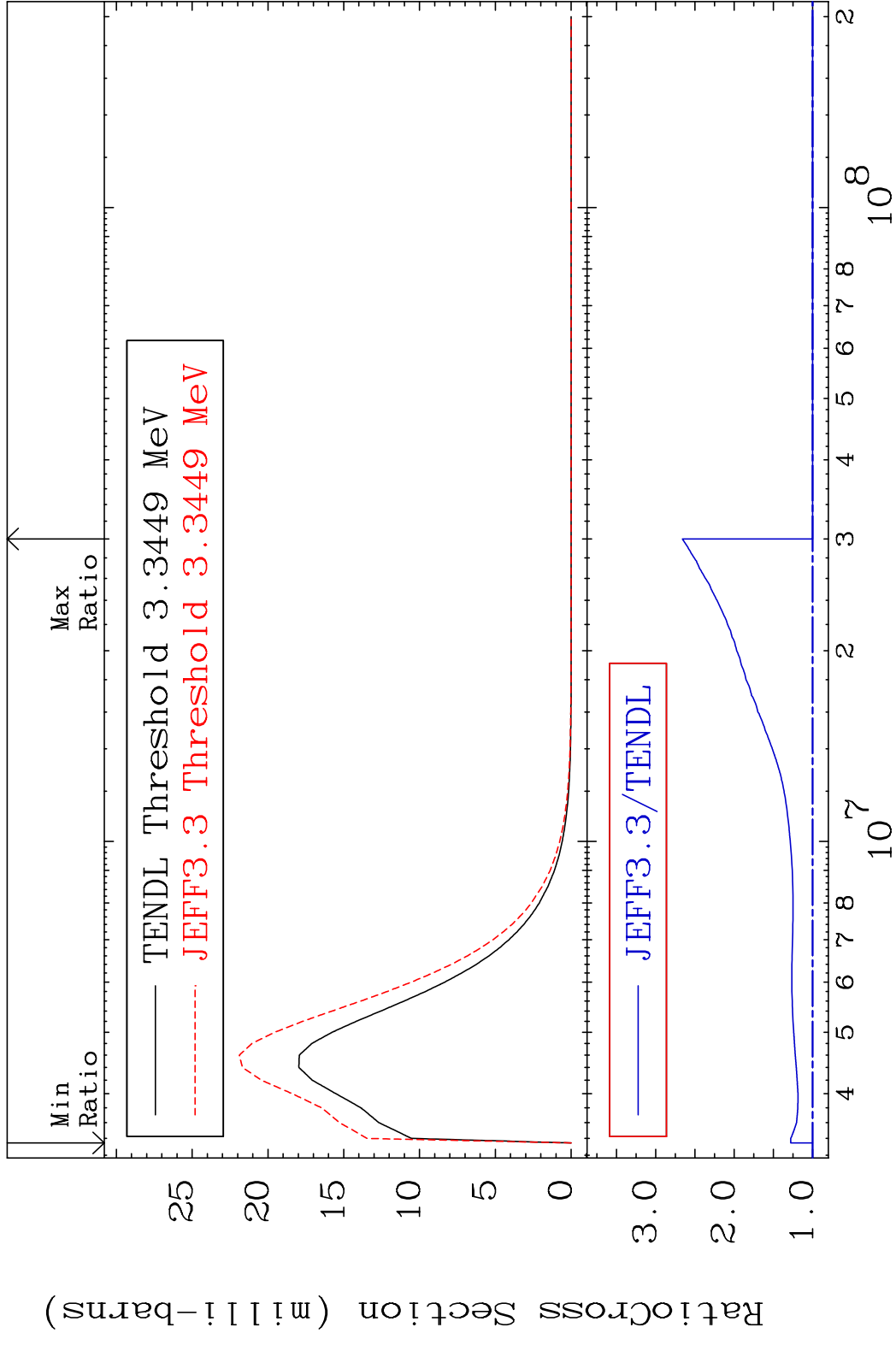
MAT 2328 MT= 68 (n, n') Level 23-V -51  
 Cross Section -100.0 To 166.4 %



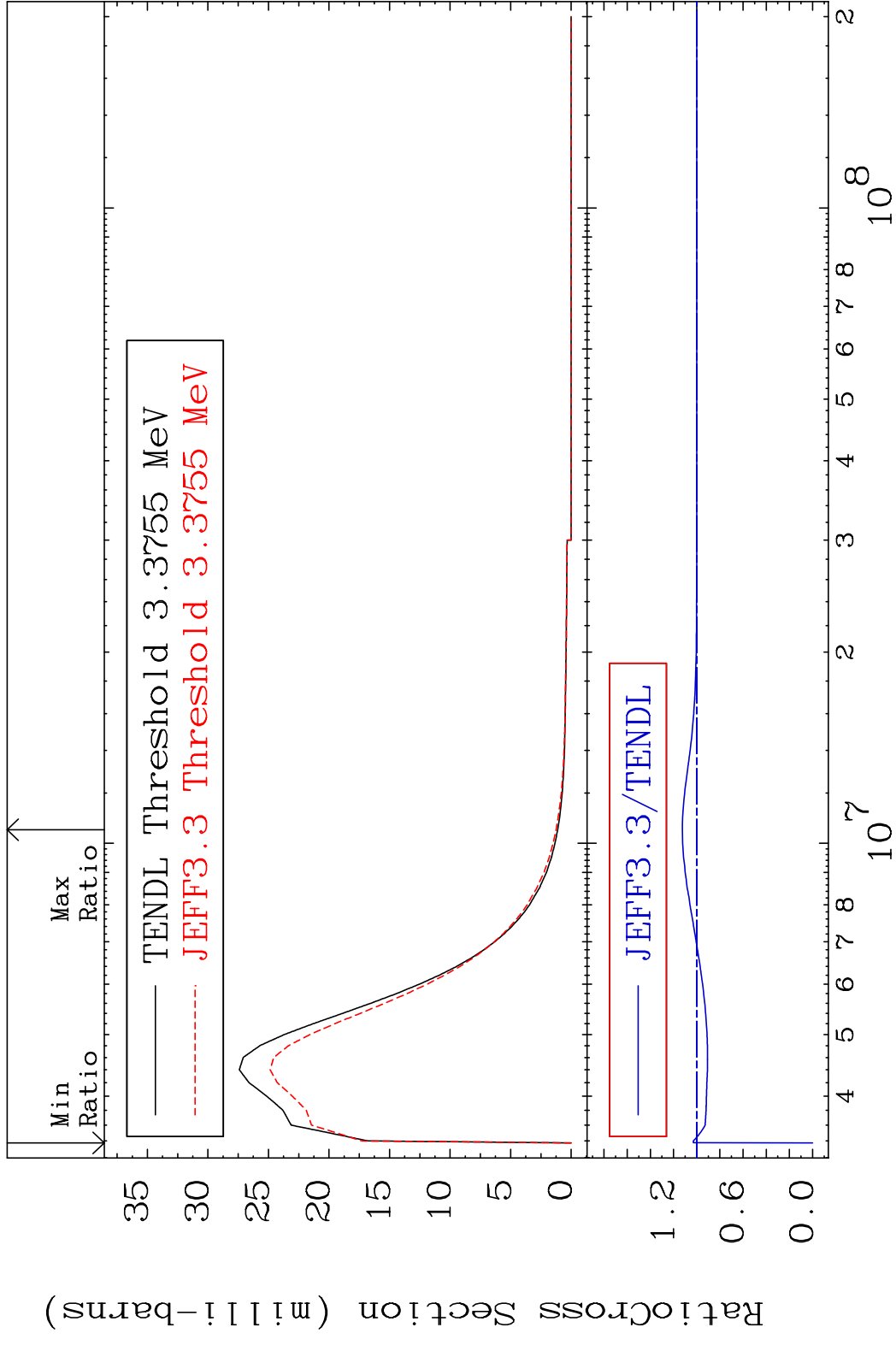
MAT 2328 MT= 69 (n, n') Level 23-V -51  
 Cross Section -10.95 To 34.46 %



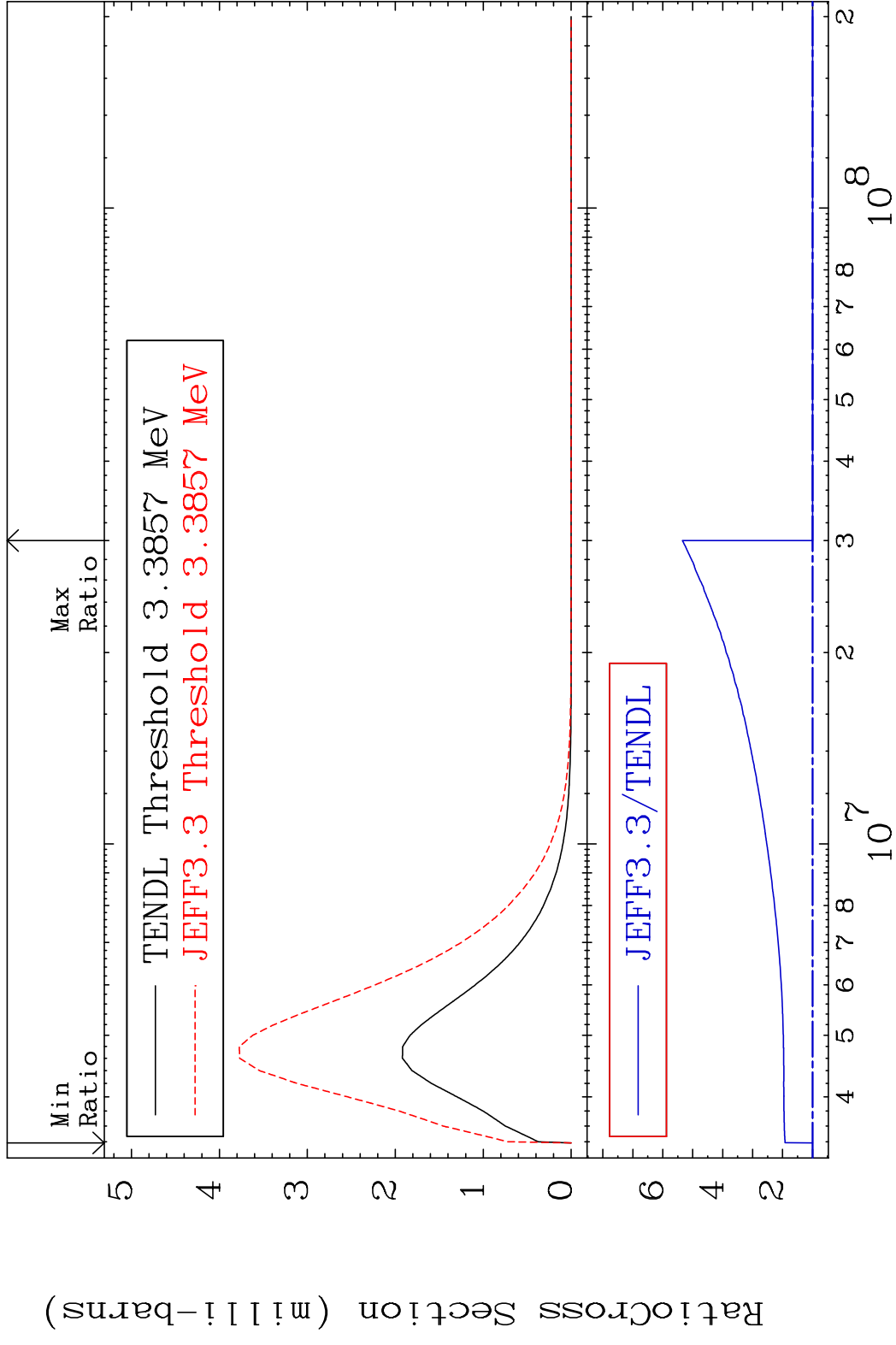
MAT 2328 MT= 70 (n, n') Level 23-V -51  
 Cross Section 0.000 To 166.0 %



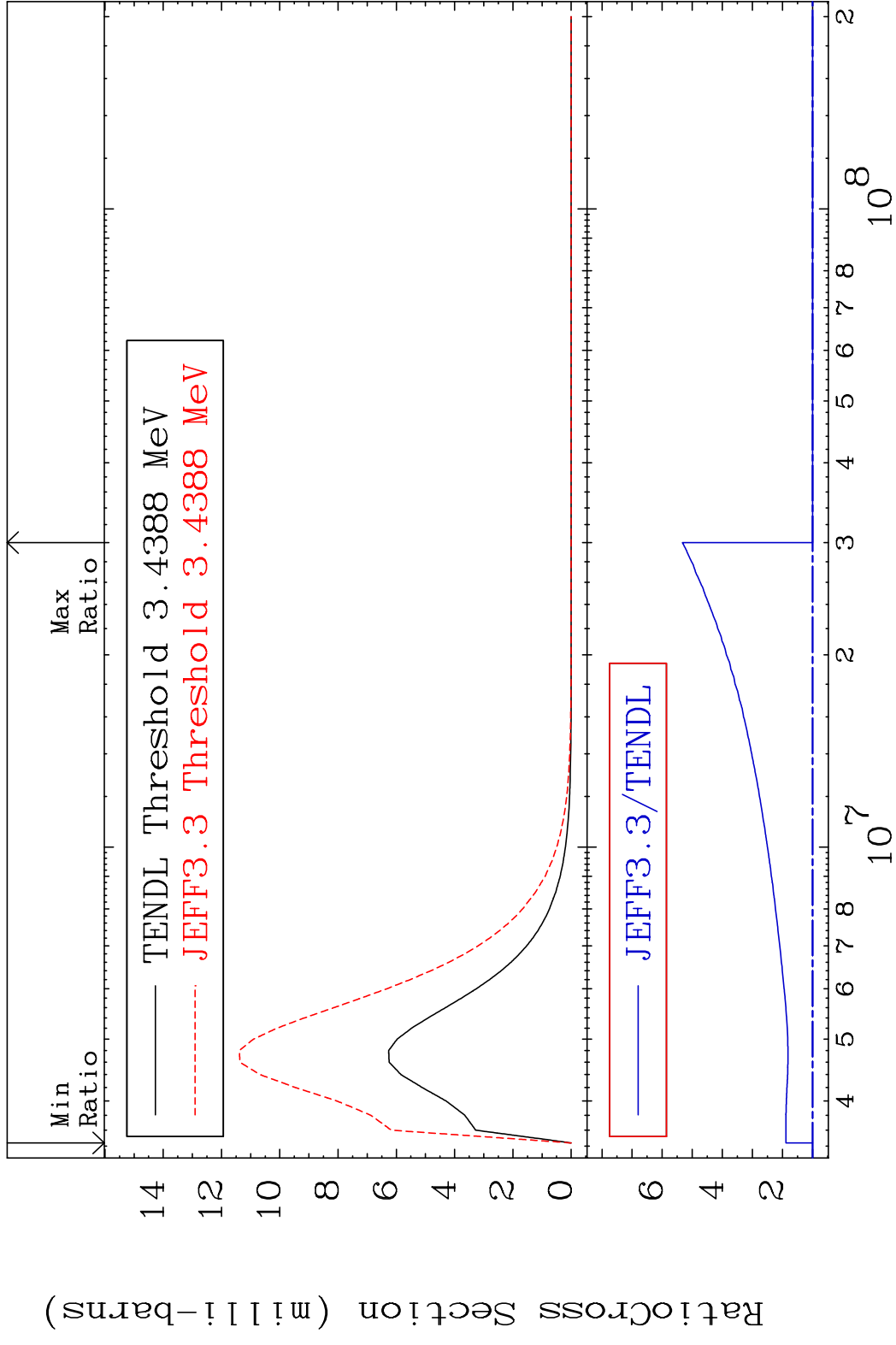
MAT 2328 MT= 71 (n,n') Level 23-V -51  
 Cross Section -100.0 To 12.38 %



MAT 2328 MT= 72 (n, n') Level 23-V -51  
 Cross Section 0.000 To 434.6 %

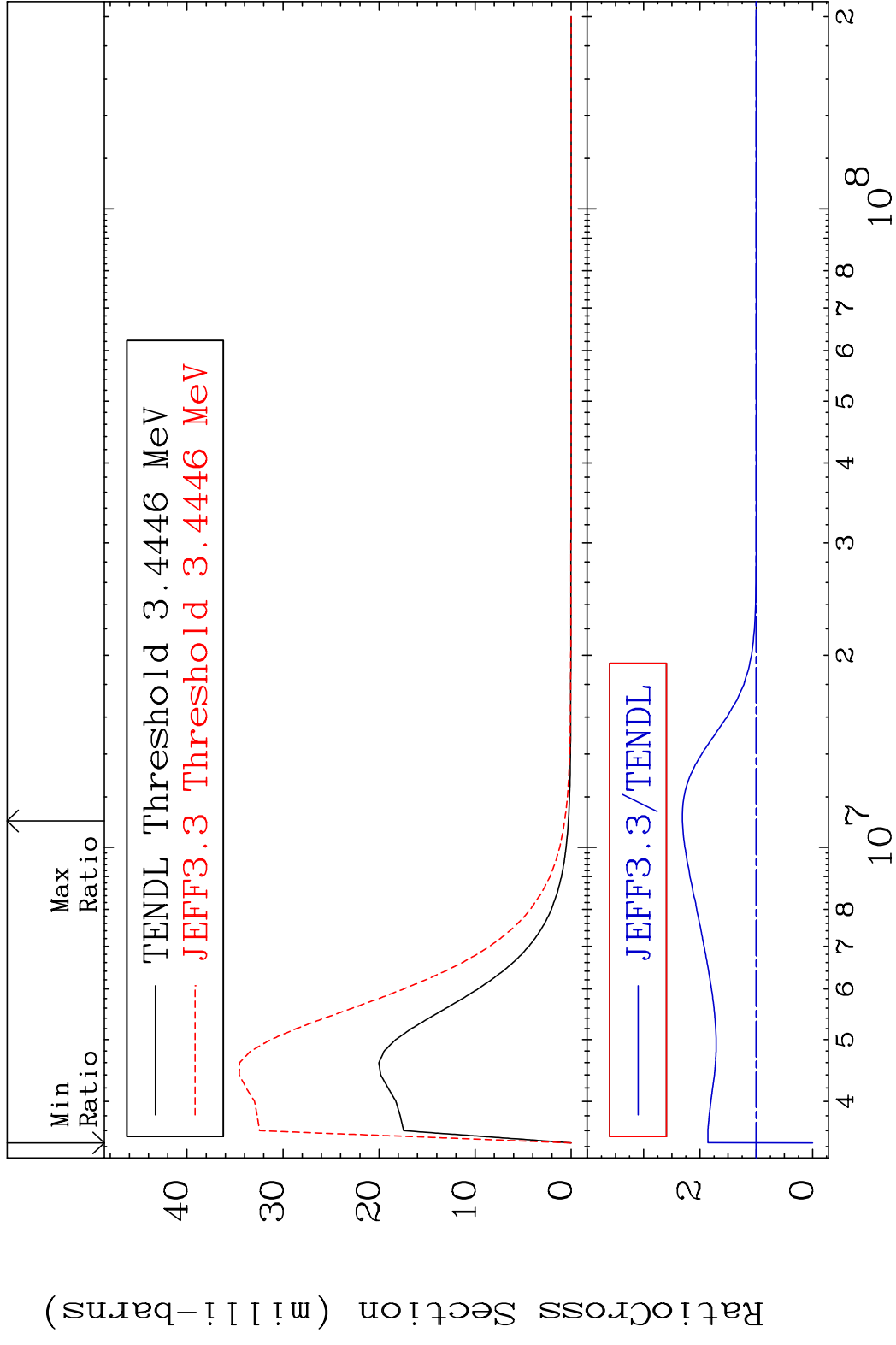


MAT 2328 MT= 73 (n,n') Level 23-V -51  
 Cross Section 0.000 To 432.9 %



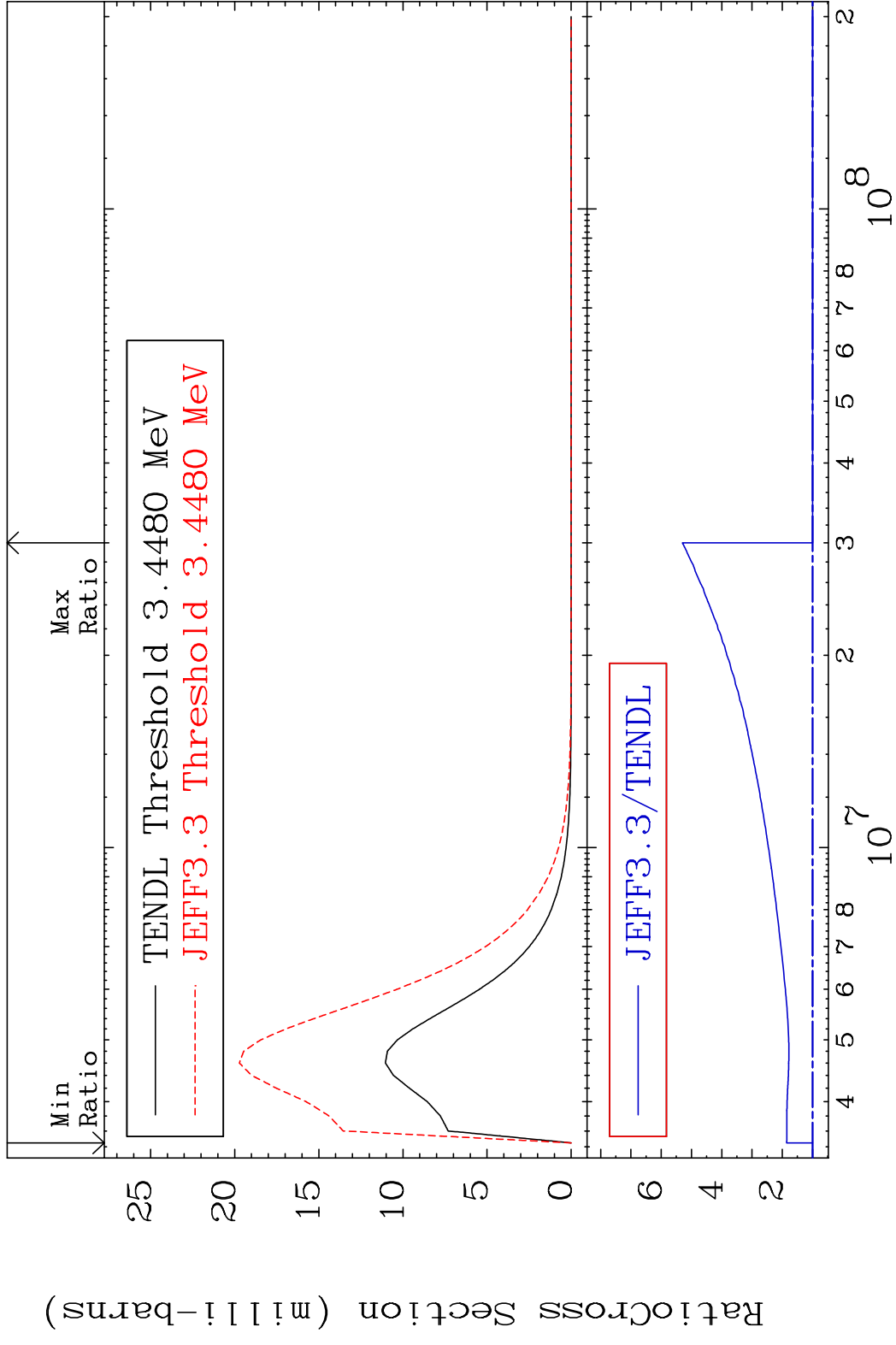


MAT 2328 MT= 74 (n, n') Level 23-V -51  
 Cross Section -100.0 To 131.3 %

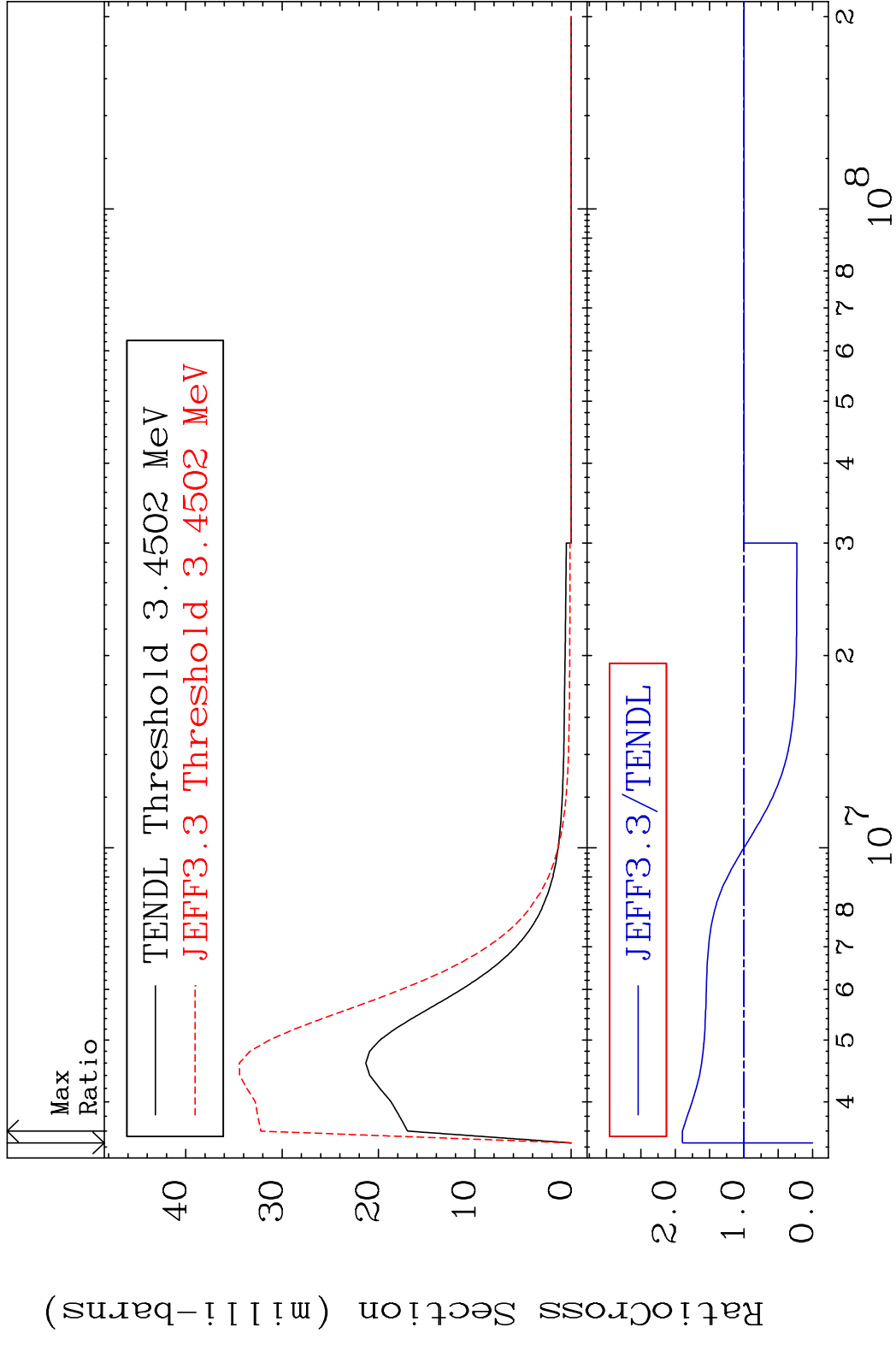


40 23-V -51

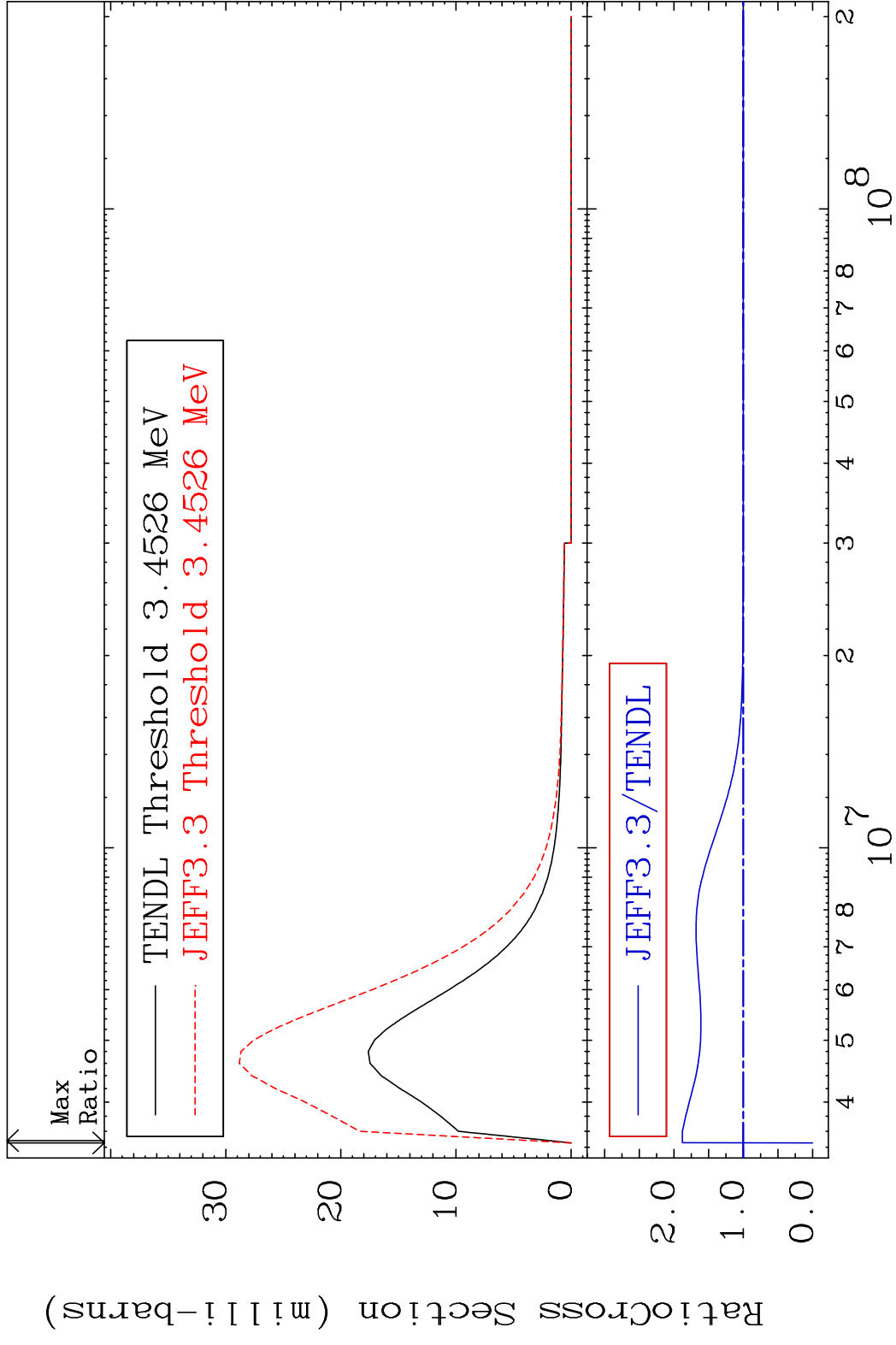
MAT 2328 MT= 75 (n,n') Level 23-V -51  
 Cross Section 0.000 To 430.1 %



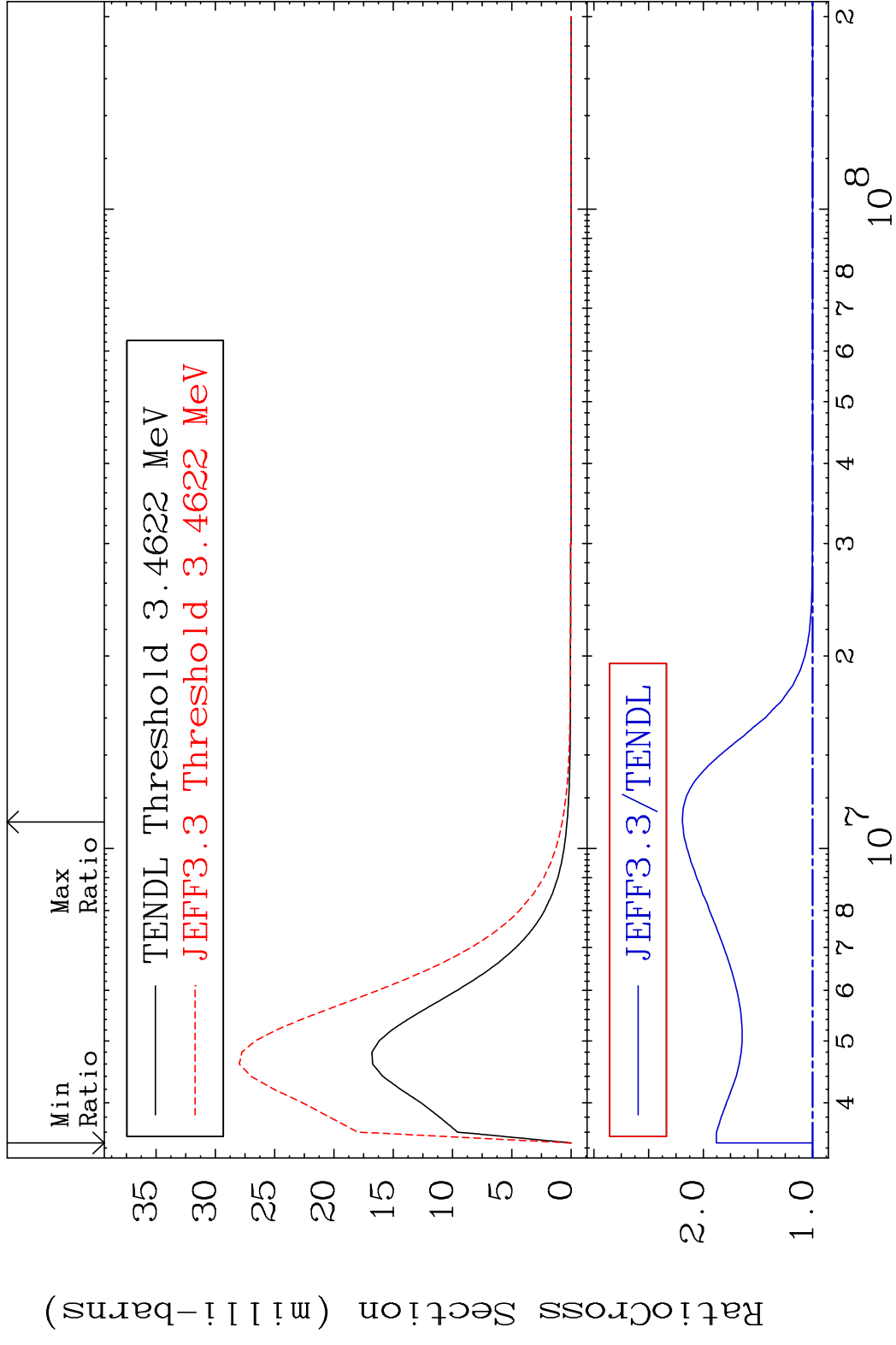
MAT 2328 MT= 76 (n, n') Level 23-V -51  
 Cross Section -100.0 To 89.60 %



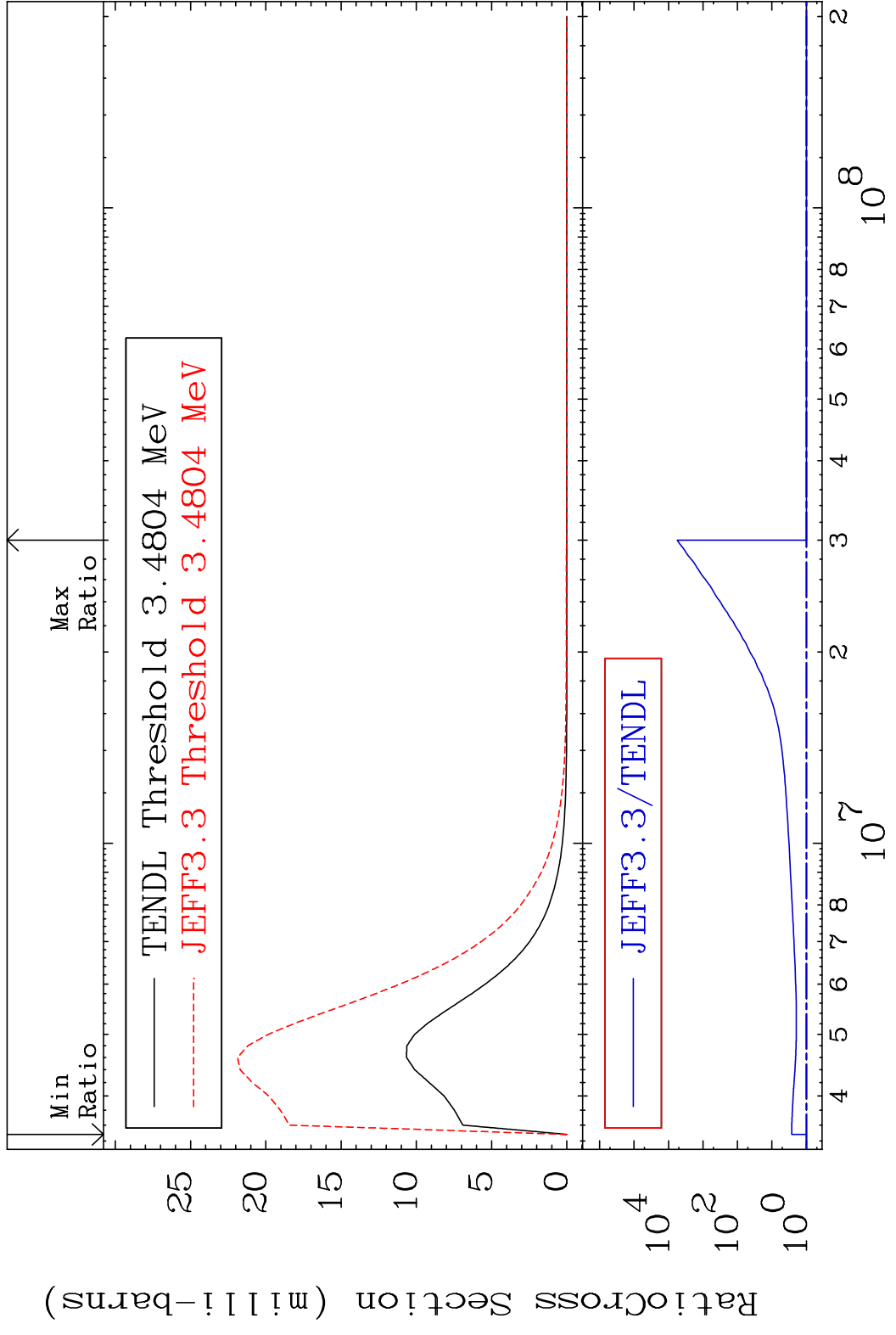
MAT 2328 MT= 77 (n, n') Level 23-V -51  
 Cross Section -100.0 To 87.76 %



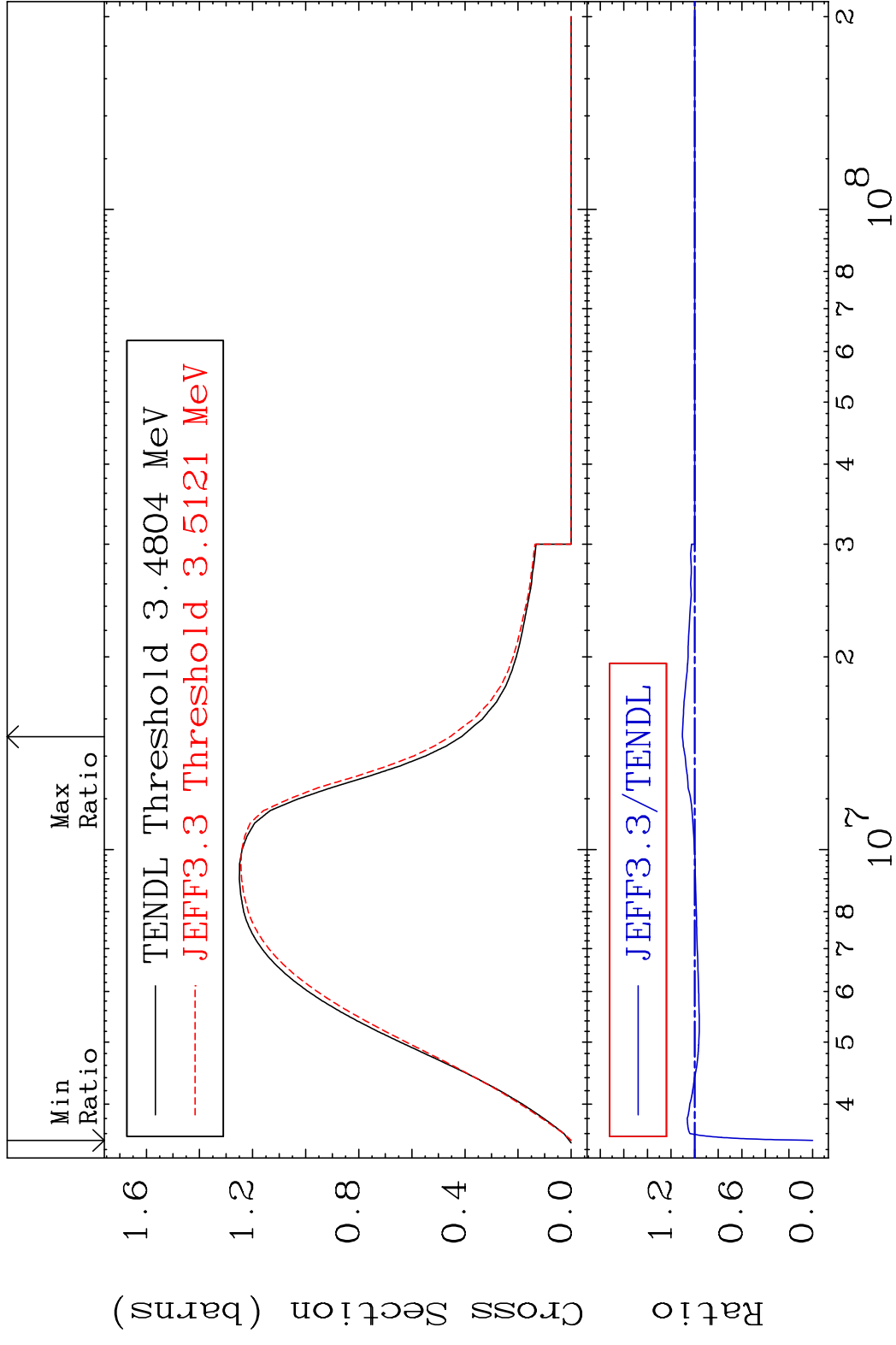
MAT 2328 MT= 78 (n, n') Level 23-V -51  
 Cross Section 0.000 To 119.1 %



MAT 2328 MT= 79 (n, n') Level 23-V -51  
 Cross Section 0.000 To 9999. %



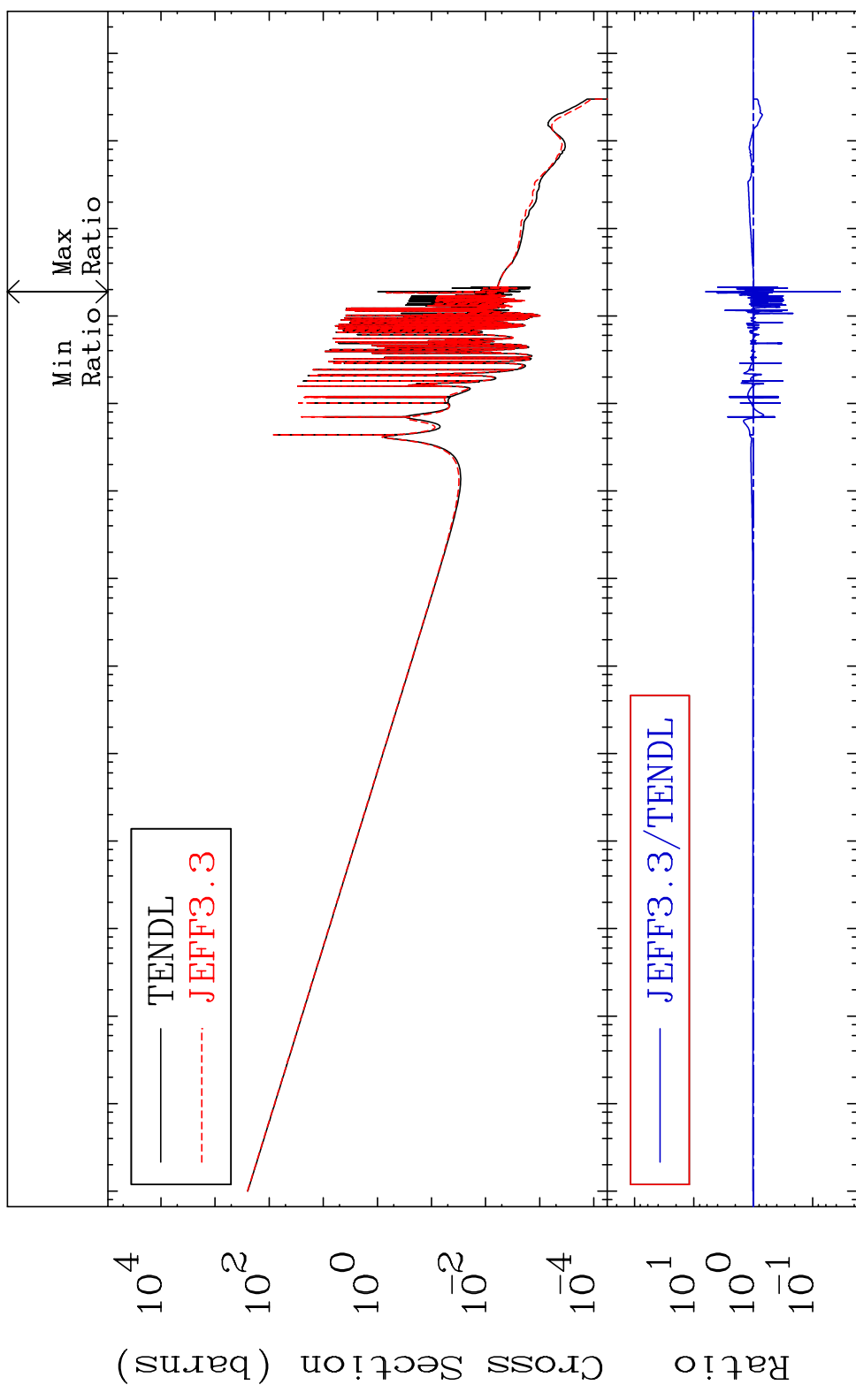
MAT 2328 (n,n') Continuum 23-V -51  
 Cross Section -100.0 To 10.41 %



MAT 2328

(n,  $\gamma$ )

Cross Section -96.60 To 530.6 %  
23-V -51



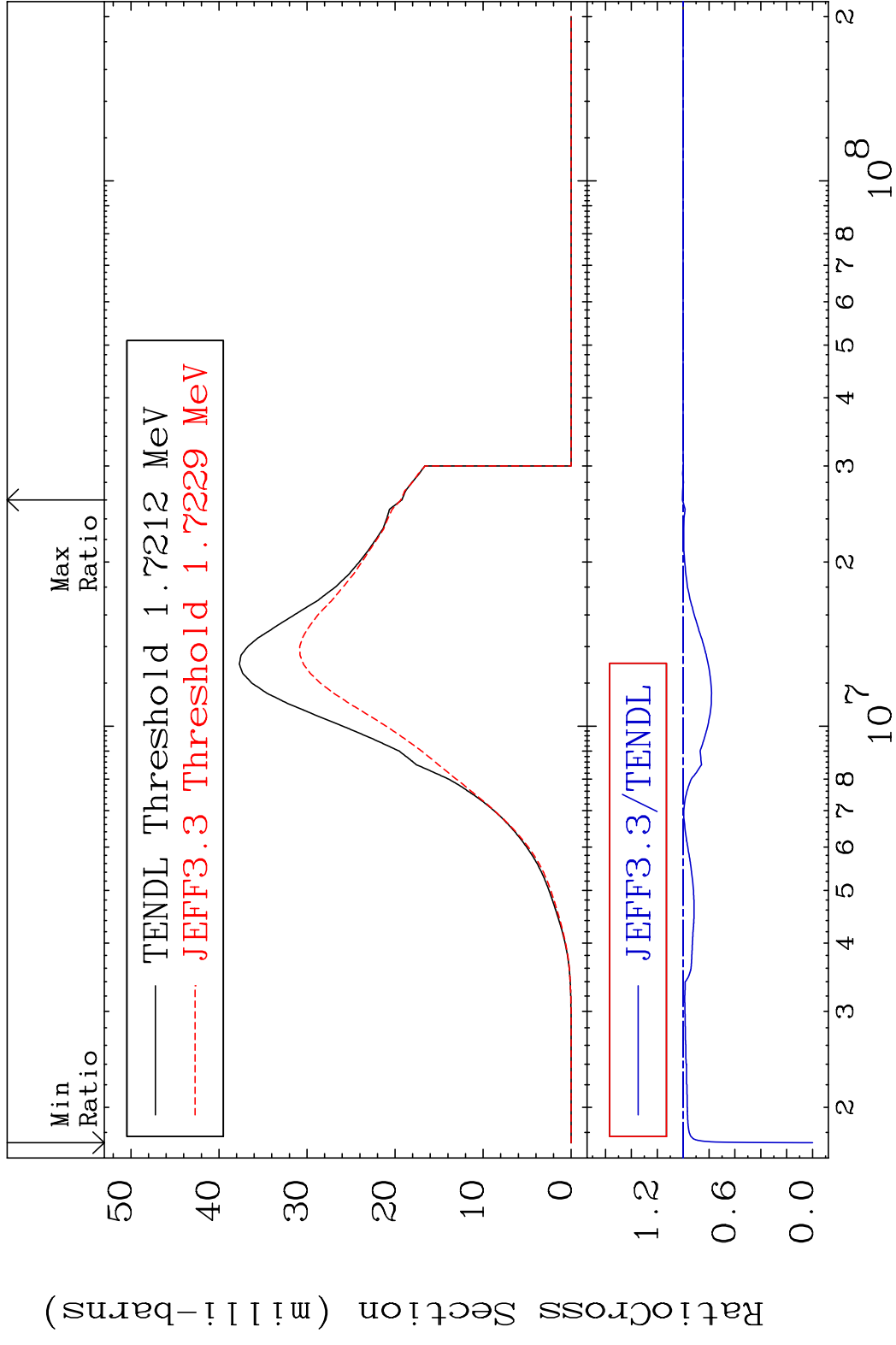
47

Incident Energy (eV)

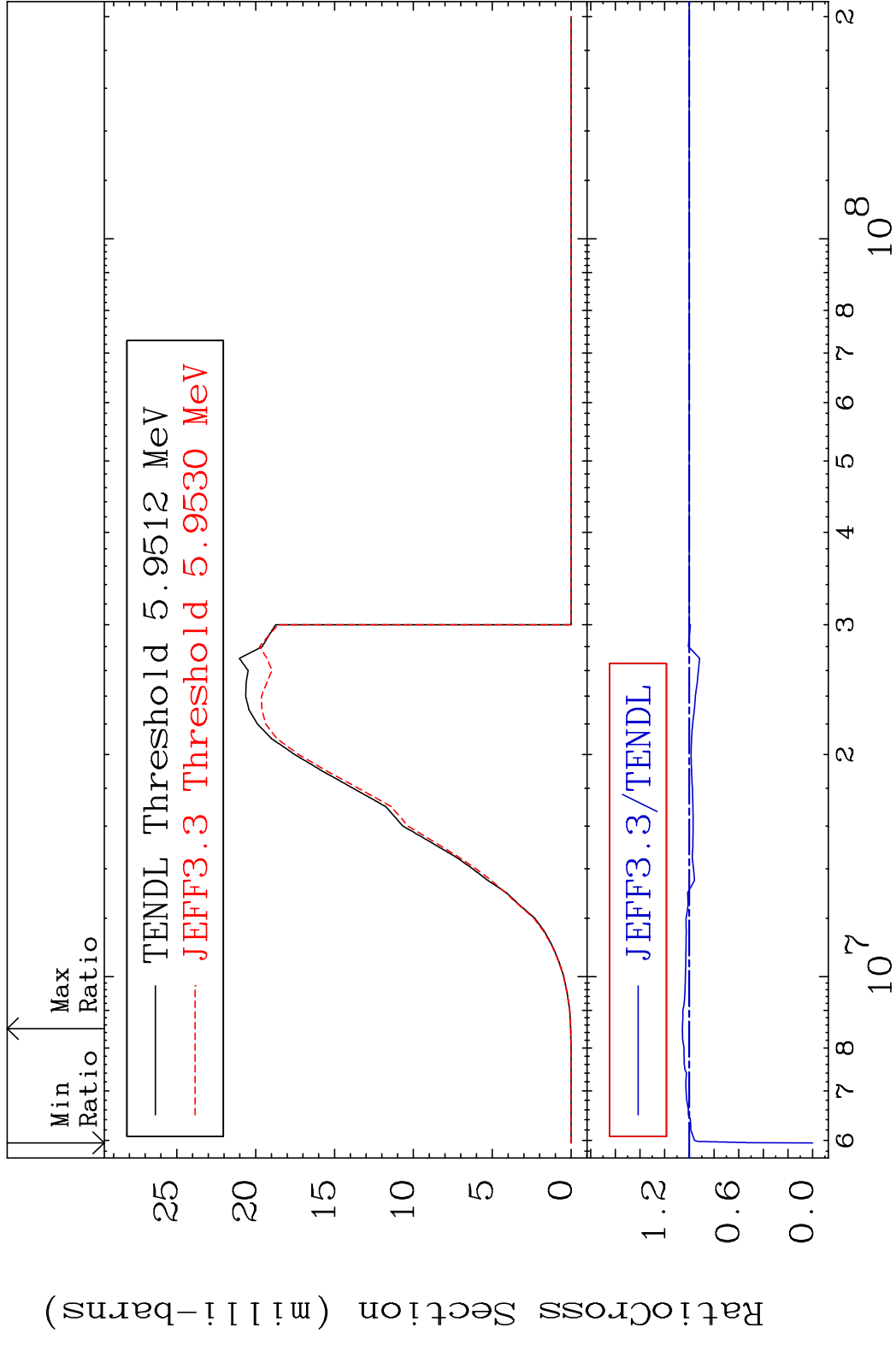
23-V -51



MAT 2328 (n,p) 23-V -51  
 Cross Section -100.0 To 0.627 %



MAT 2328 (n,d) 23-V -51  
 Cross Section -100.0 To 5.669 %

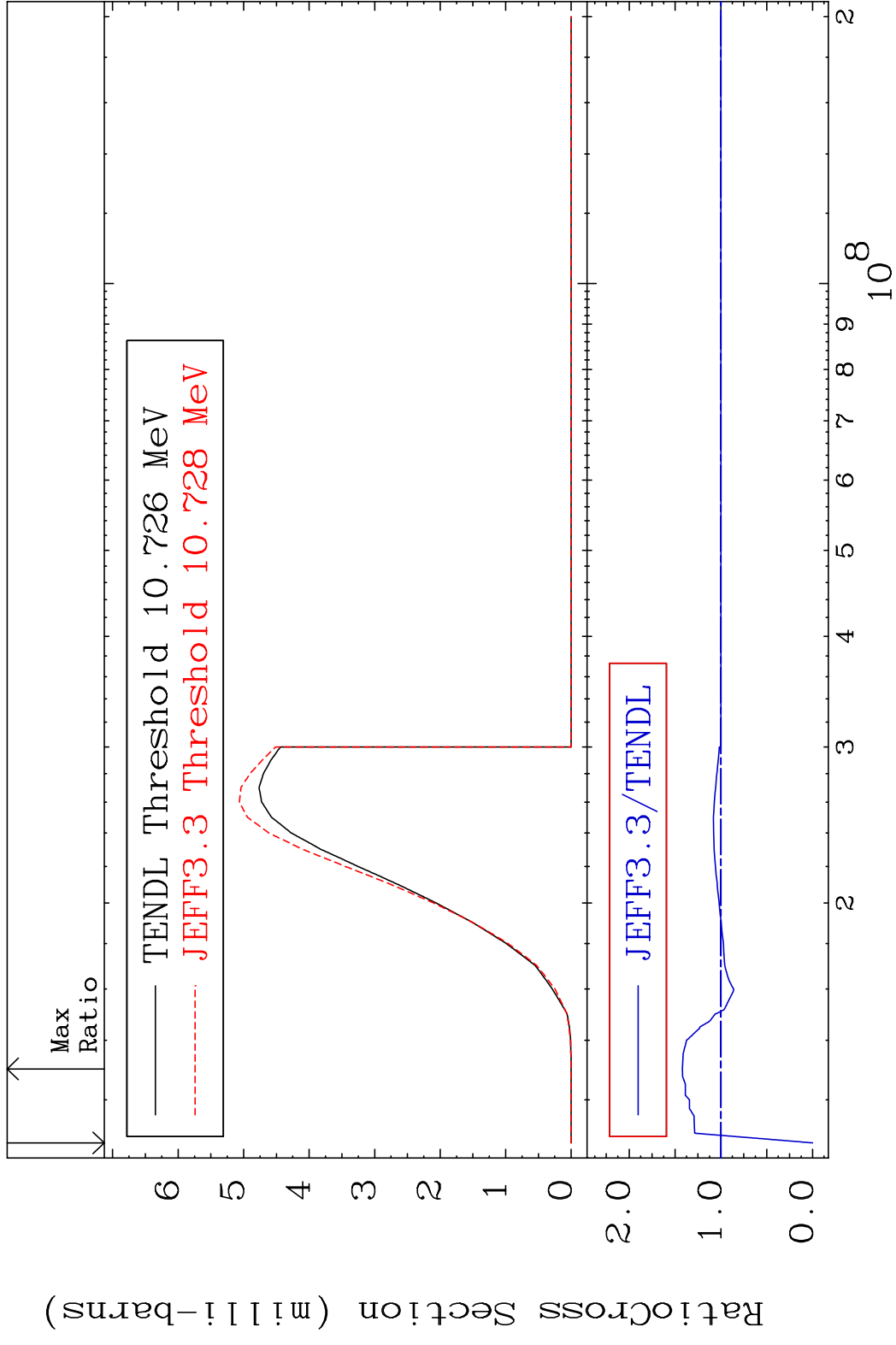


MAT 2328

(n, t)

23-V -51

Cross Section -100.0 To 42.03 %

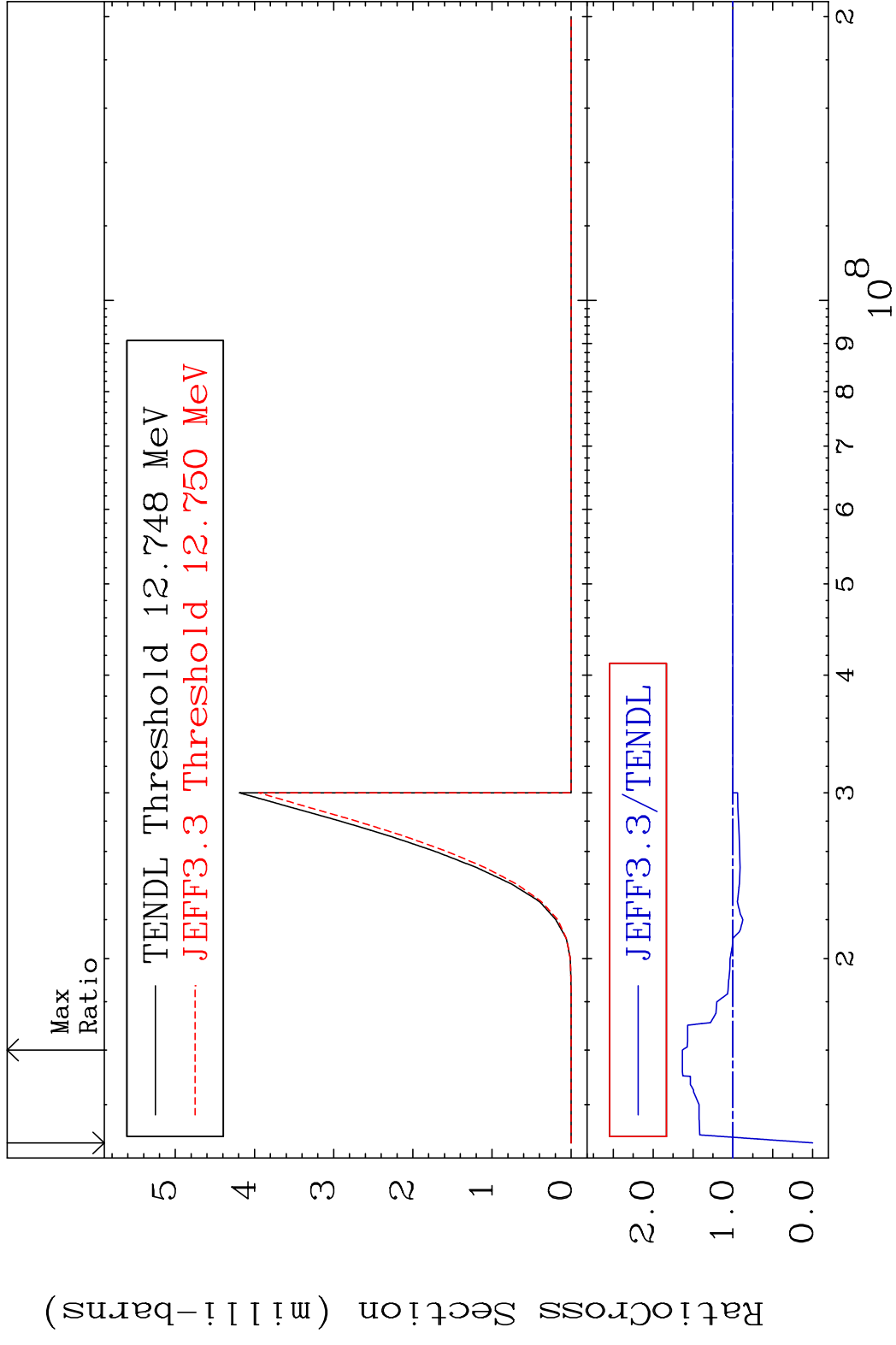


50

Incident Energy (eV)

23-V -51

MAT 2328 (n, He-3) 23-V -51  
 Cross Section -100.0 To 63.38 %

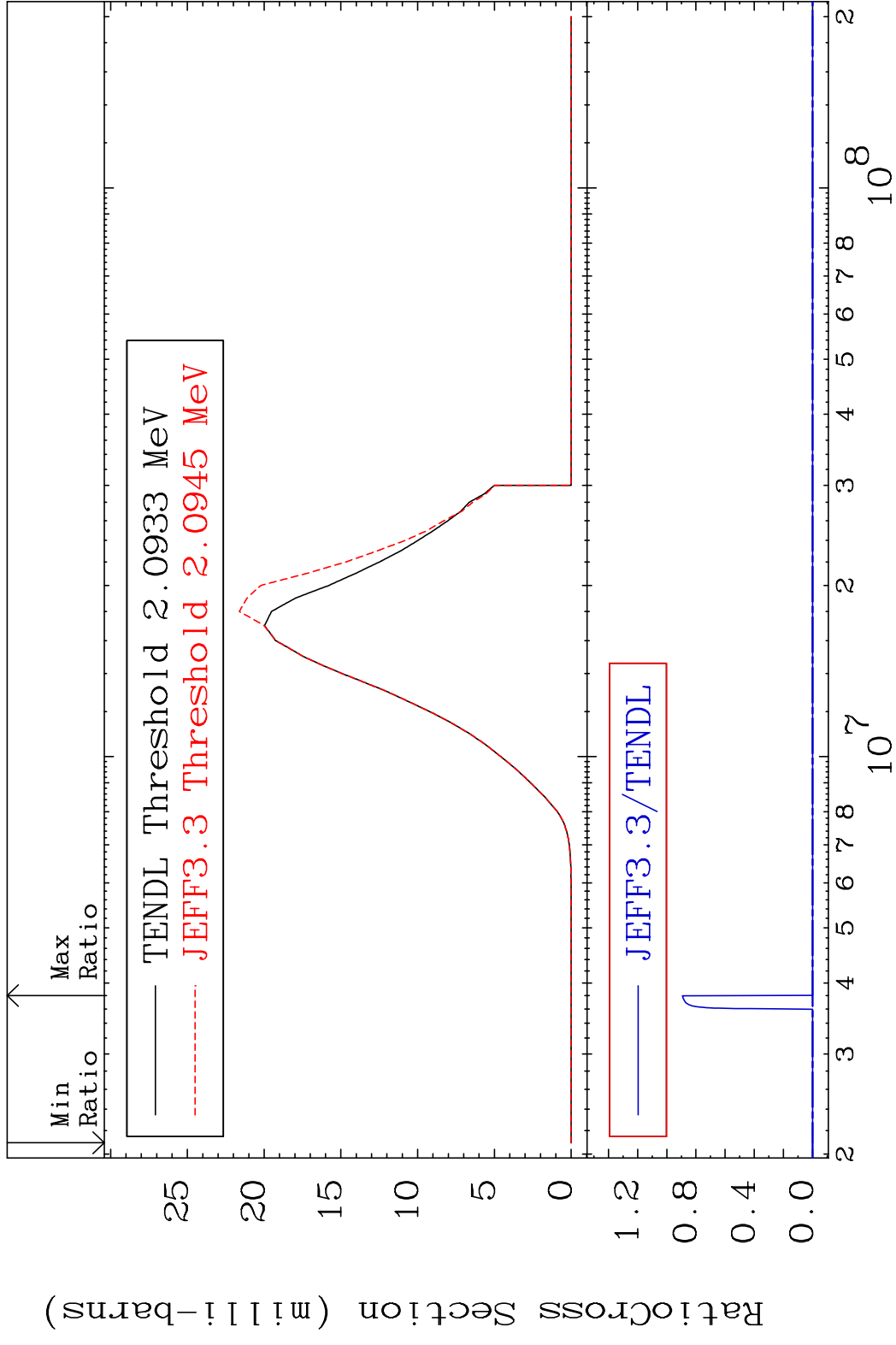


MAT 2328

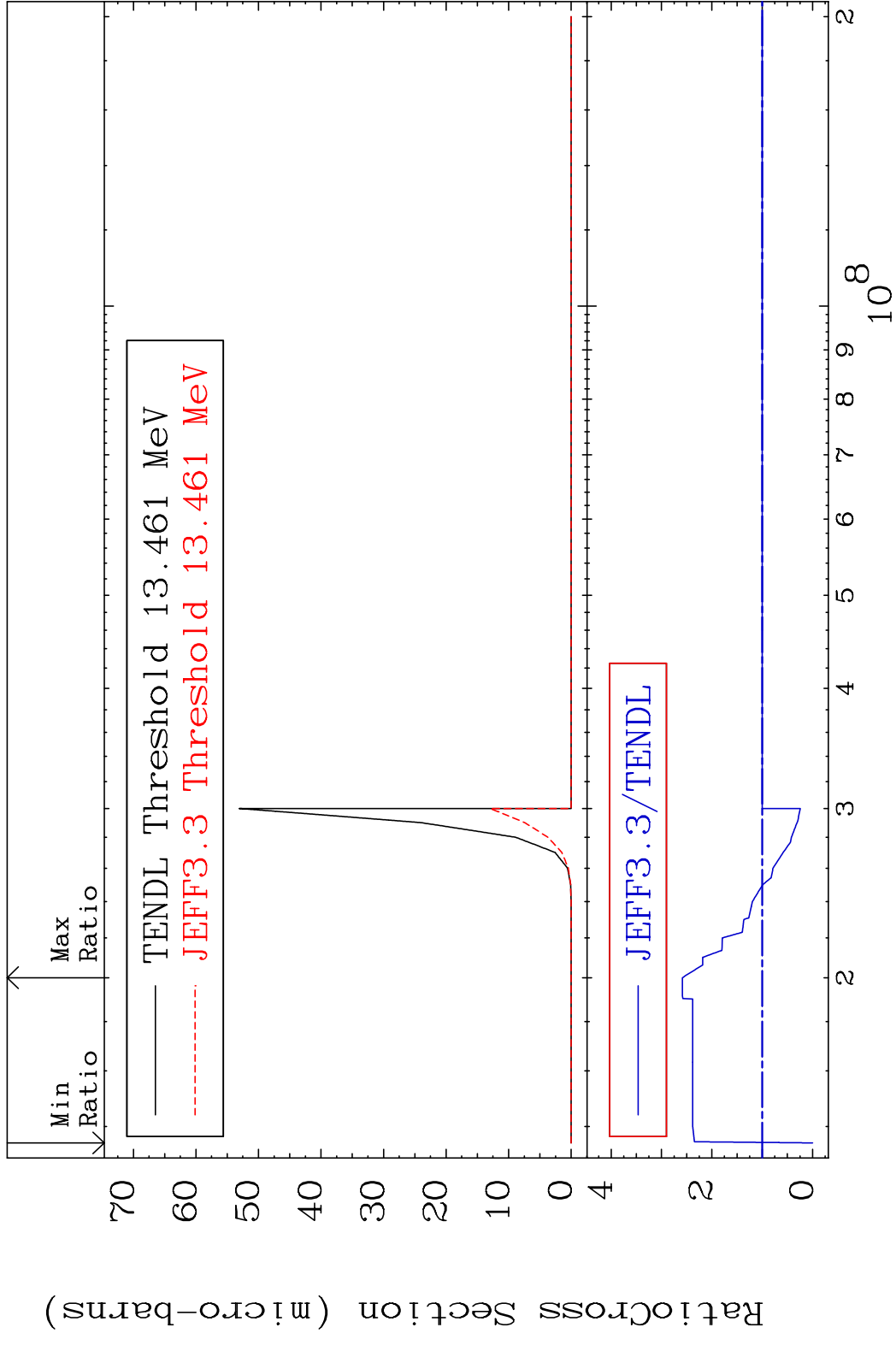
(n,  $\alpha$ )

23-V -51

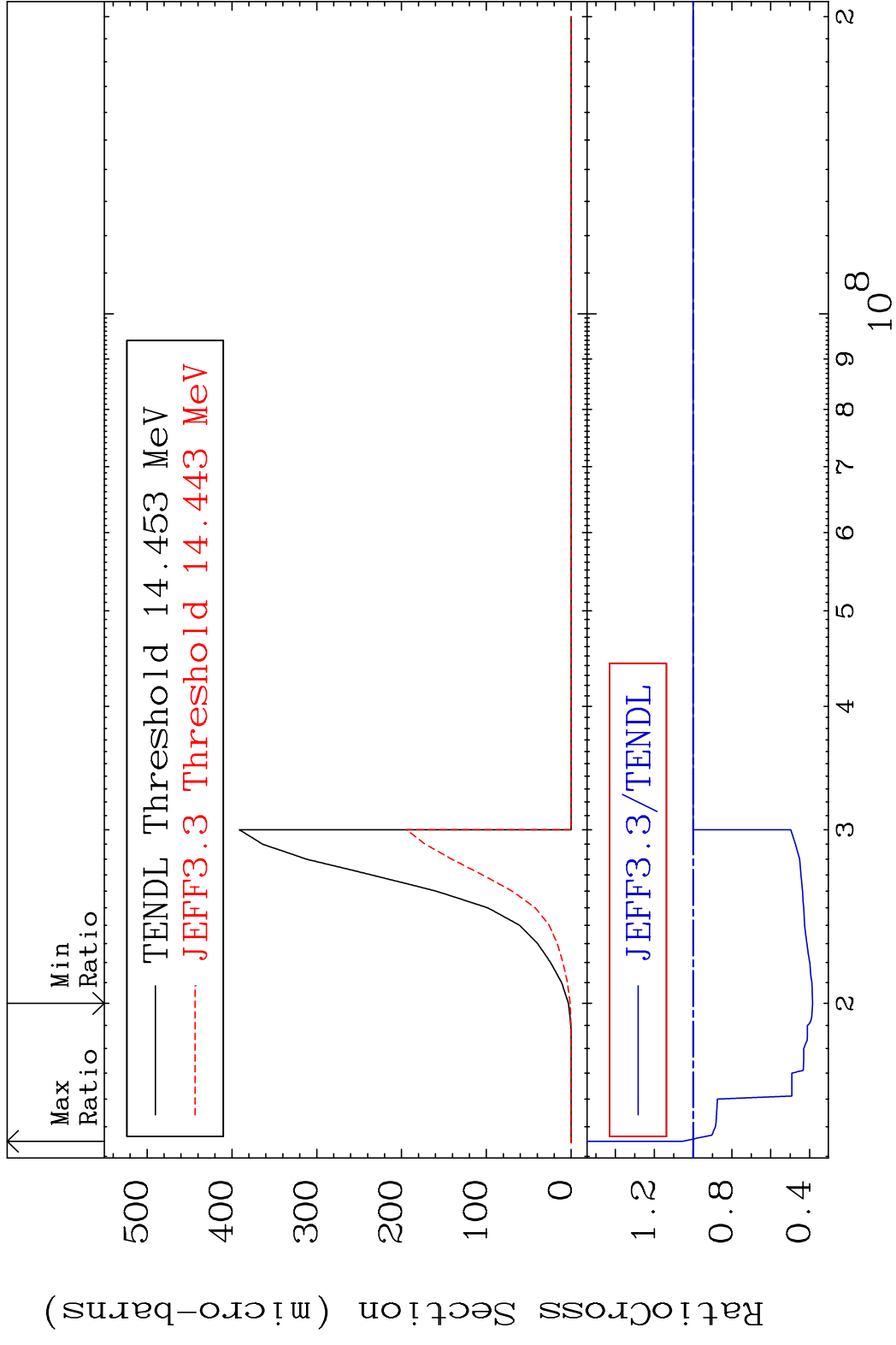
Cross Section -100.0 To 9999. %



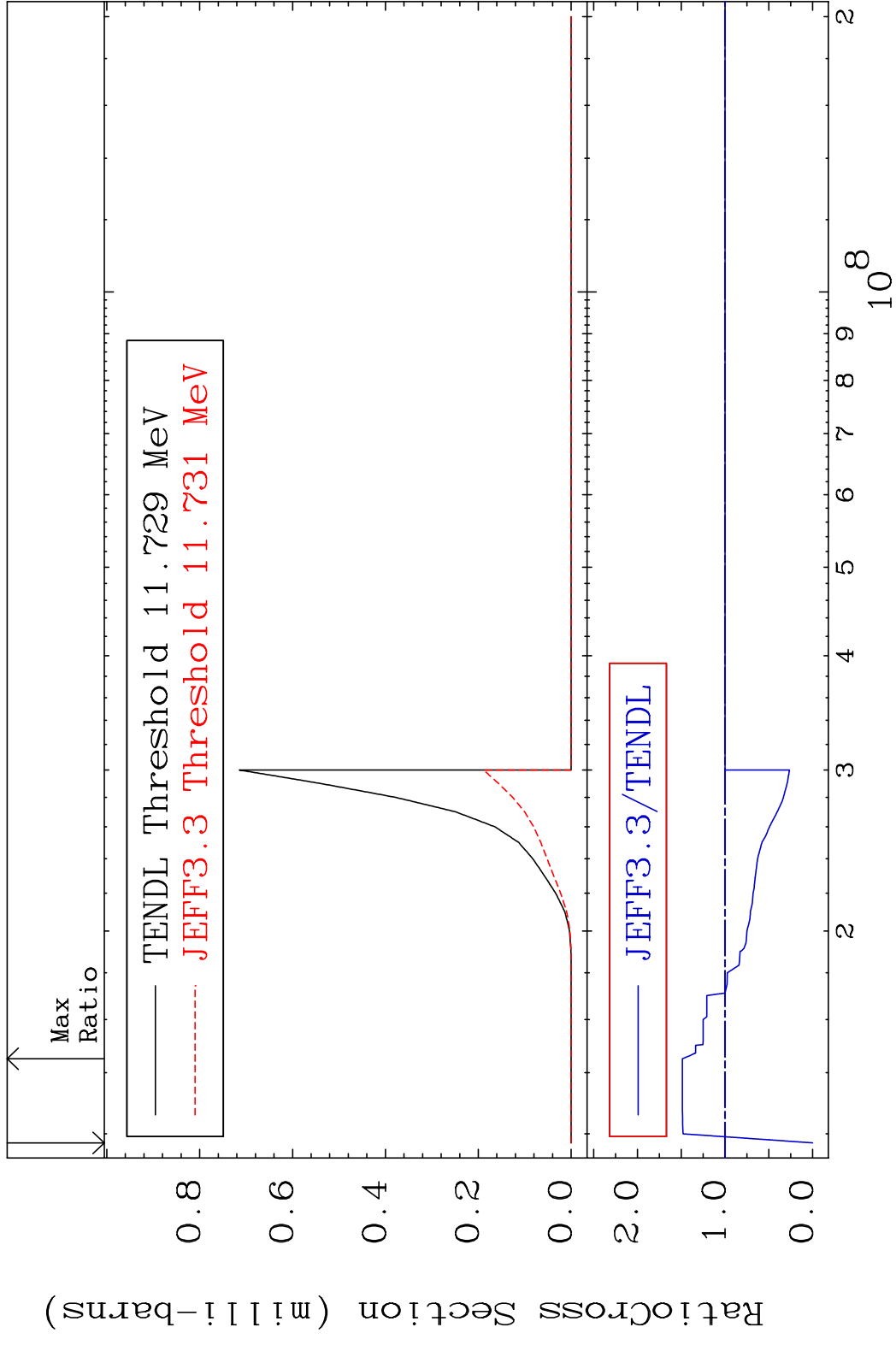
MAT 2328 (n,2α) 23-V -51  
 Cross Section -100.0 To 158.6 %



MAT 2328 (n,2p) 23-V -51  
 Cross Section -61.53 To 5.525 %

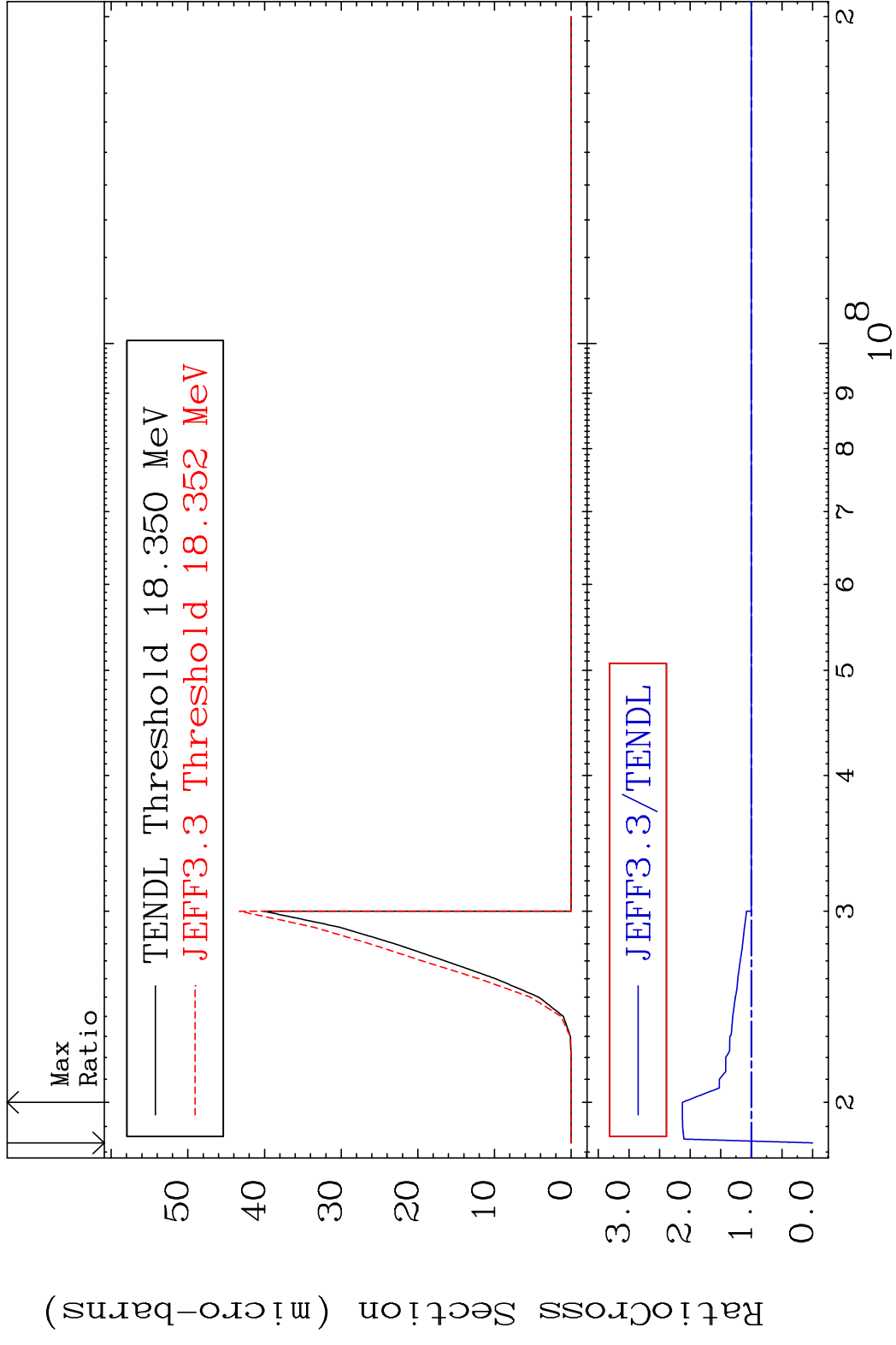


MAT 2328 (n,p)  $\alpha$  23-V -51  
 Cross Section -100.0 To 48.67 %

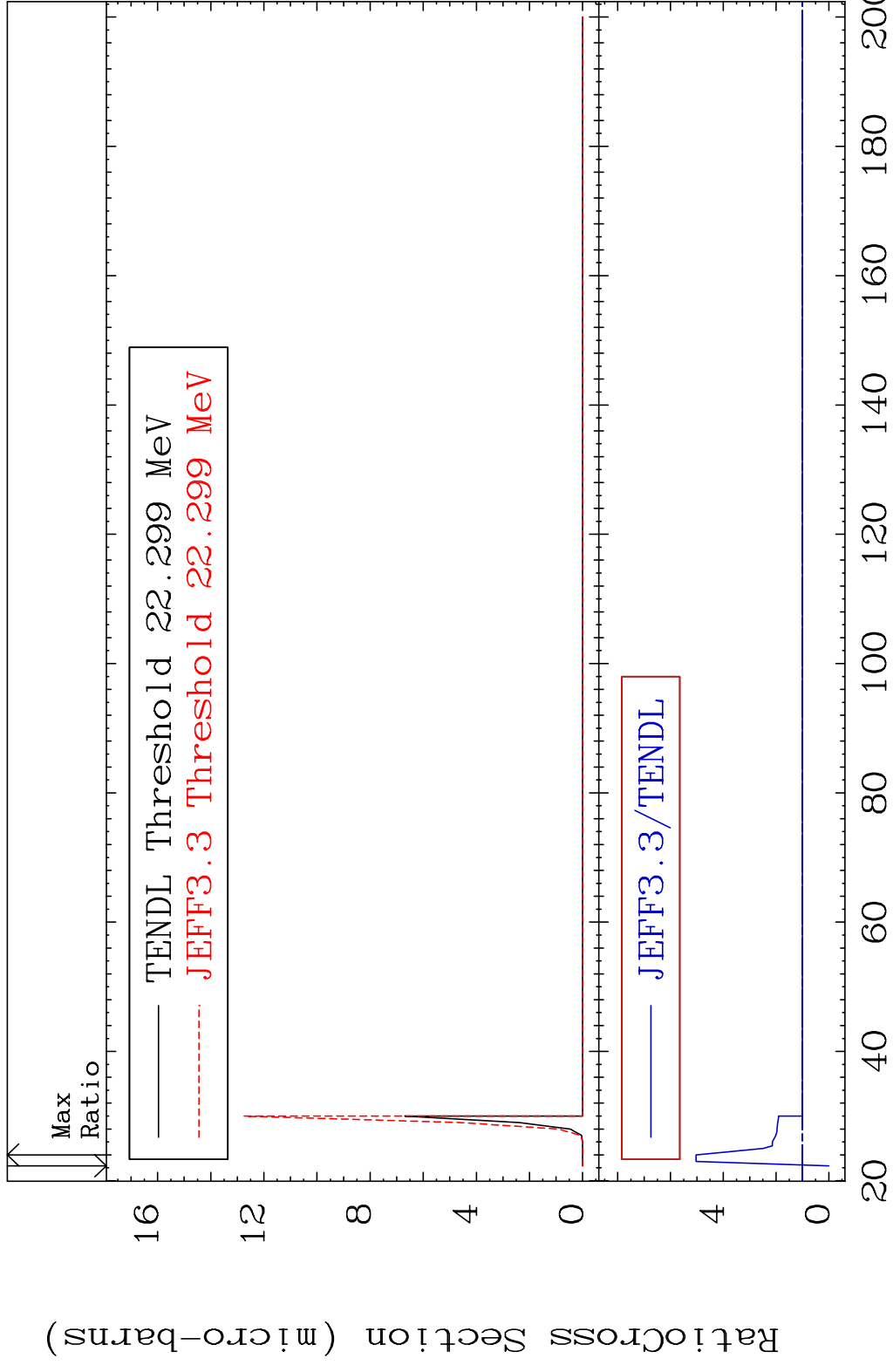




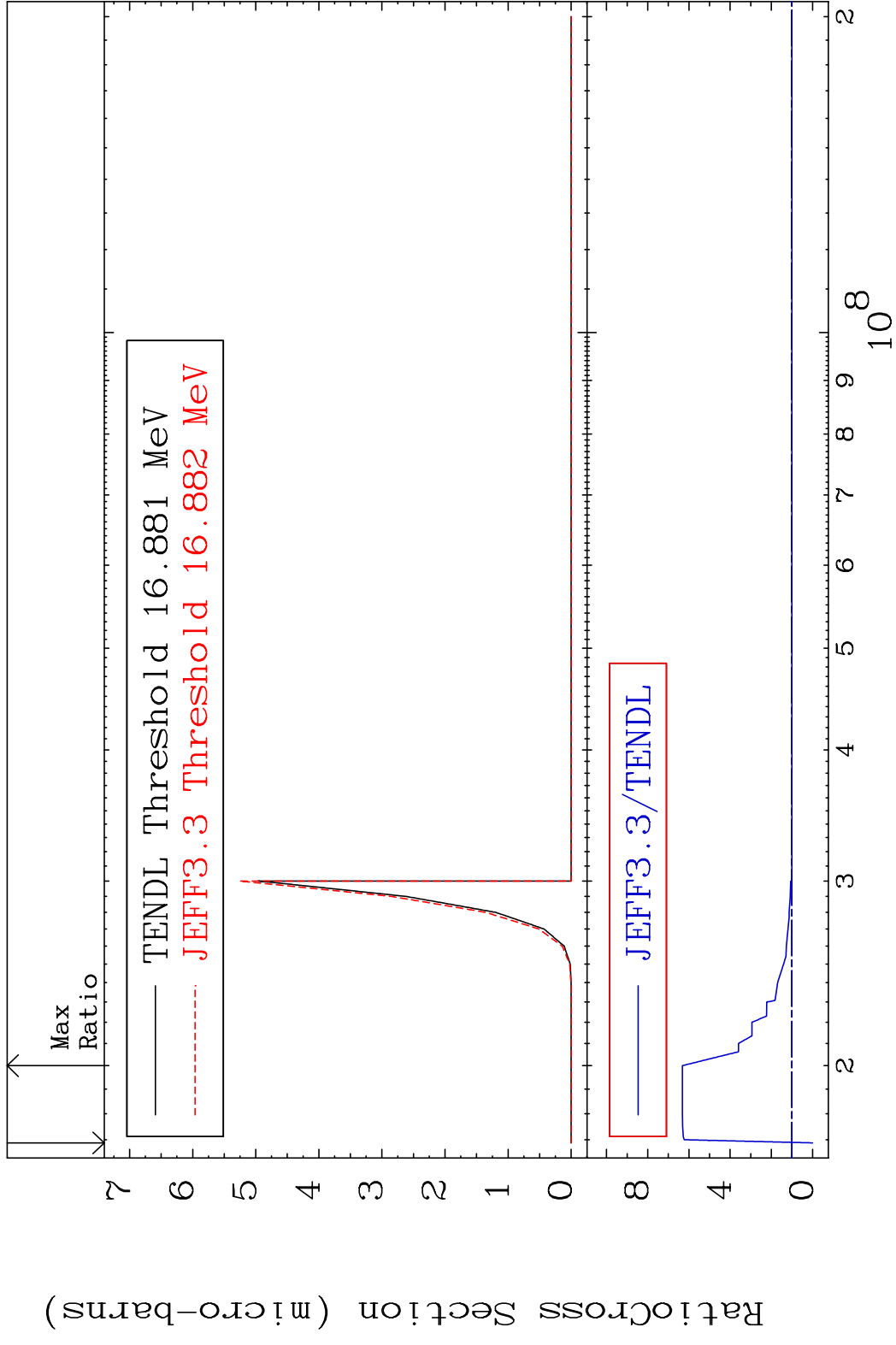
MAT 2328 (n,p) d 23-V -51  
 Cross Section -100.0 To 112.7 %



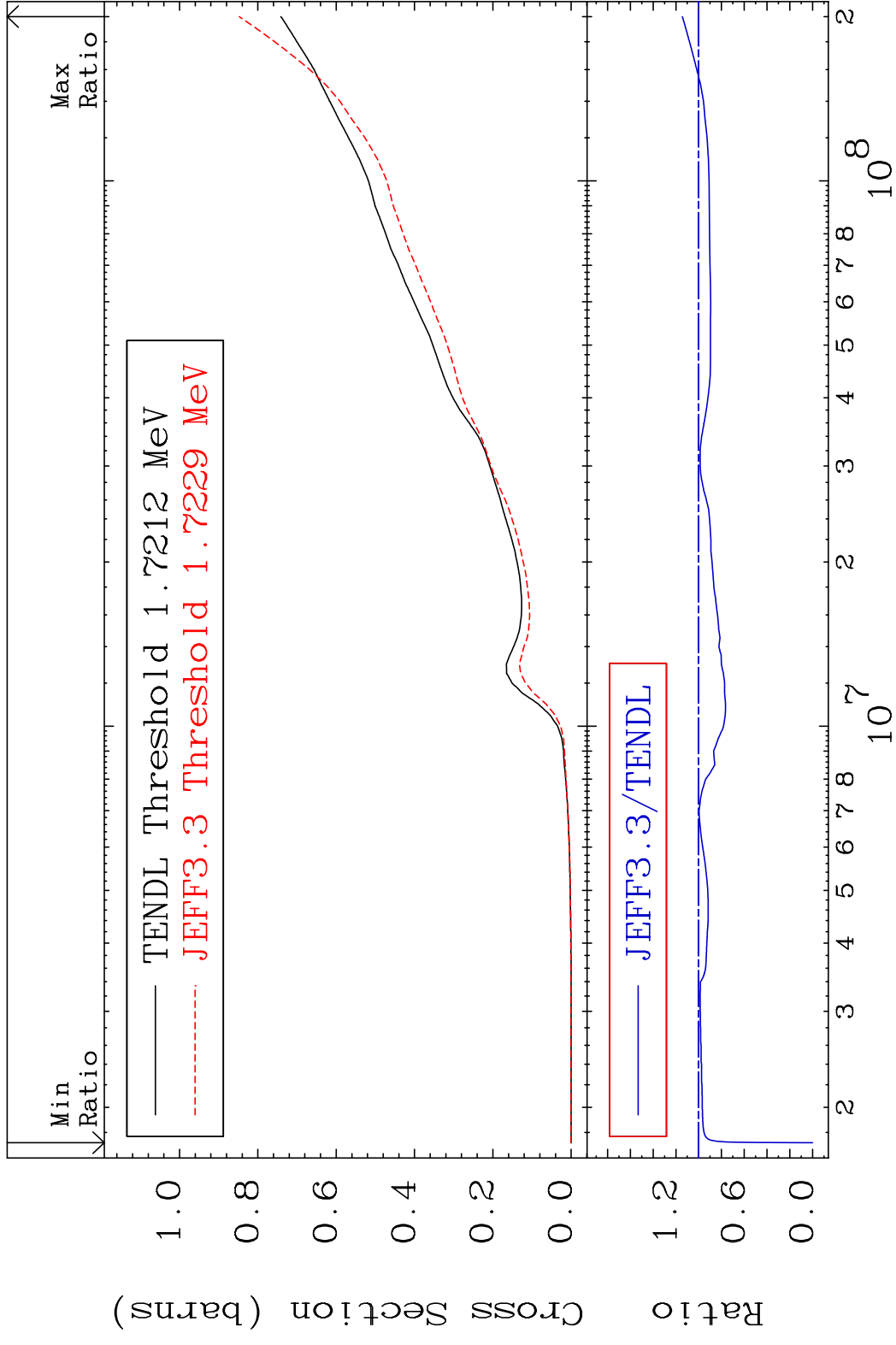
MAT 2328 (n,p) t 23-V -51  
 Cross Section -100.0 To 403.4 %



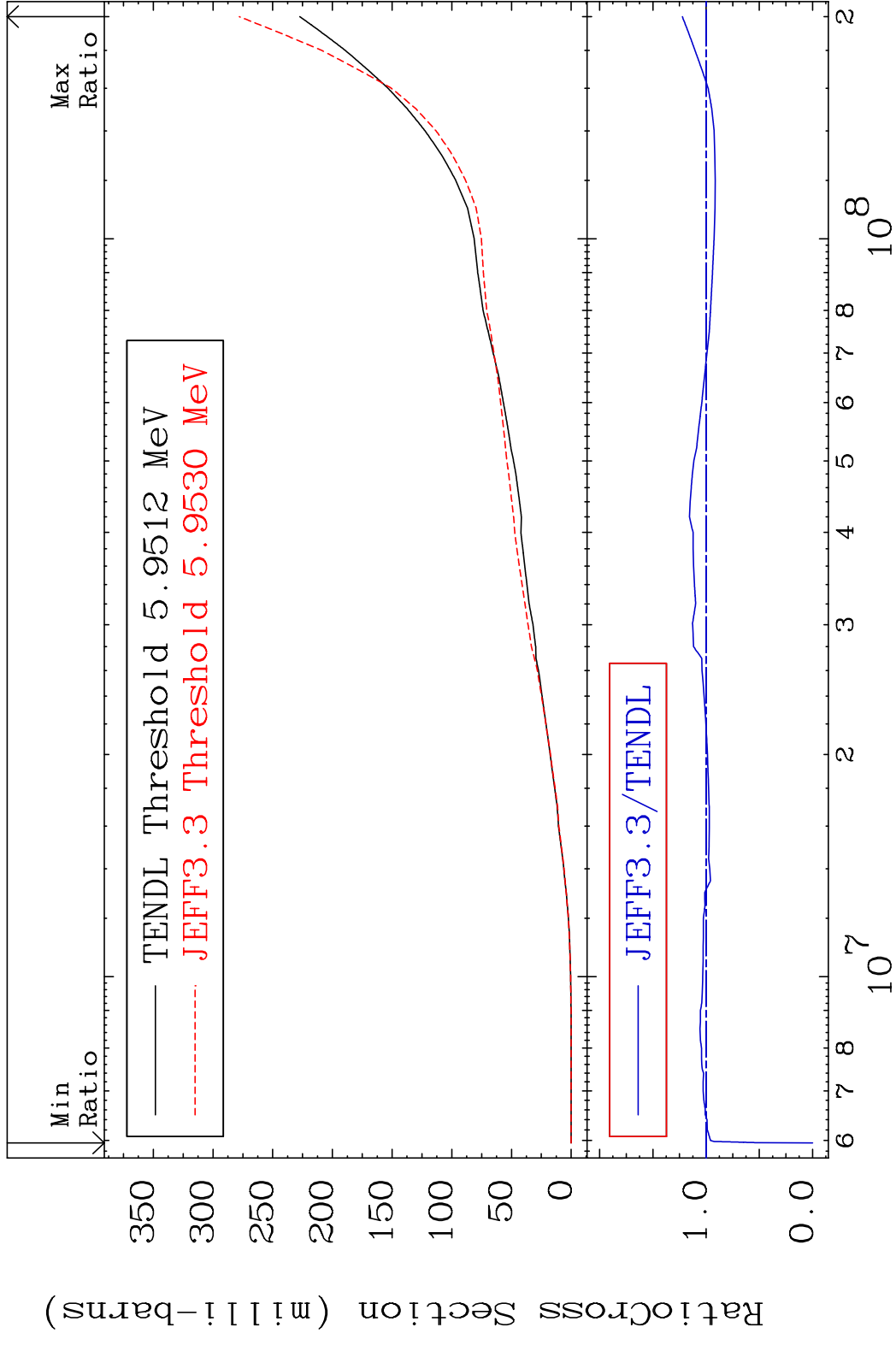
MAT 2328 (n,d)  $\alpha$  23-V -51  
 Cross Section -100.0 To 532.0 %



MAT 2328 Hydrogen Production 23-V -51  
 Cross Section -100.0 To 14.33 %

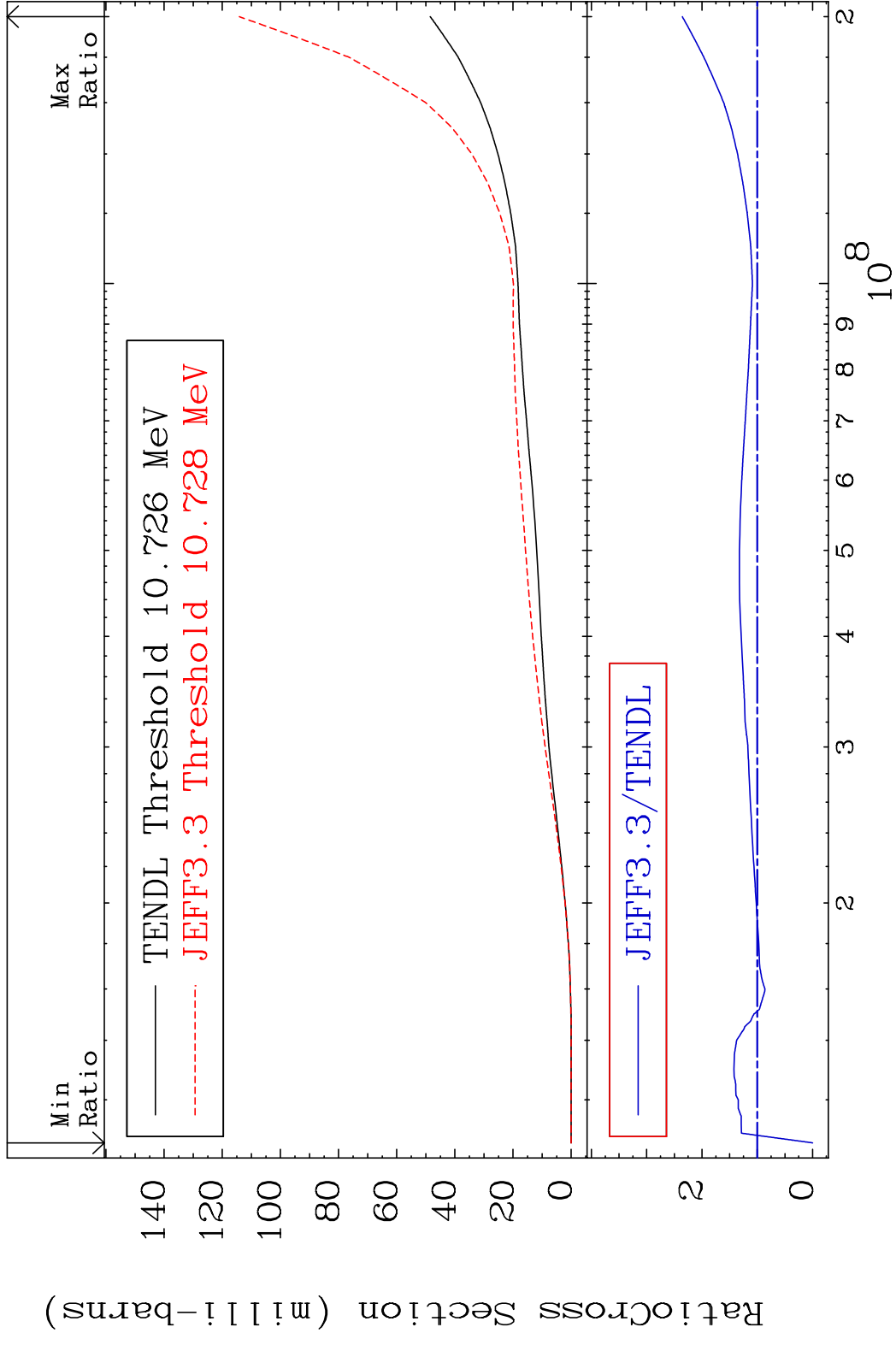


MAT 2328 Deuterium Production 23-V -51  
 Cross Section -100.0 To 22.30 %

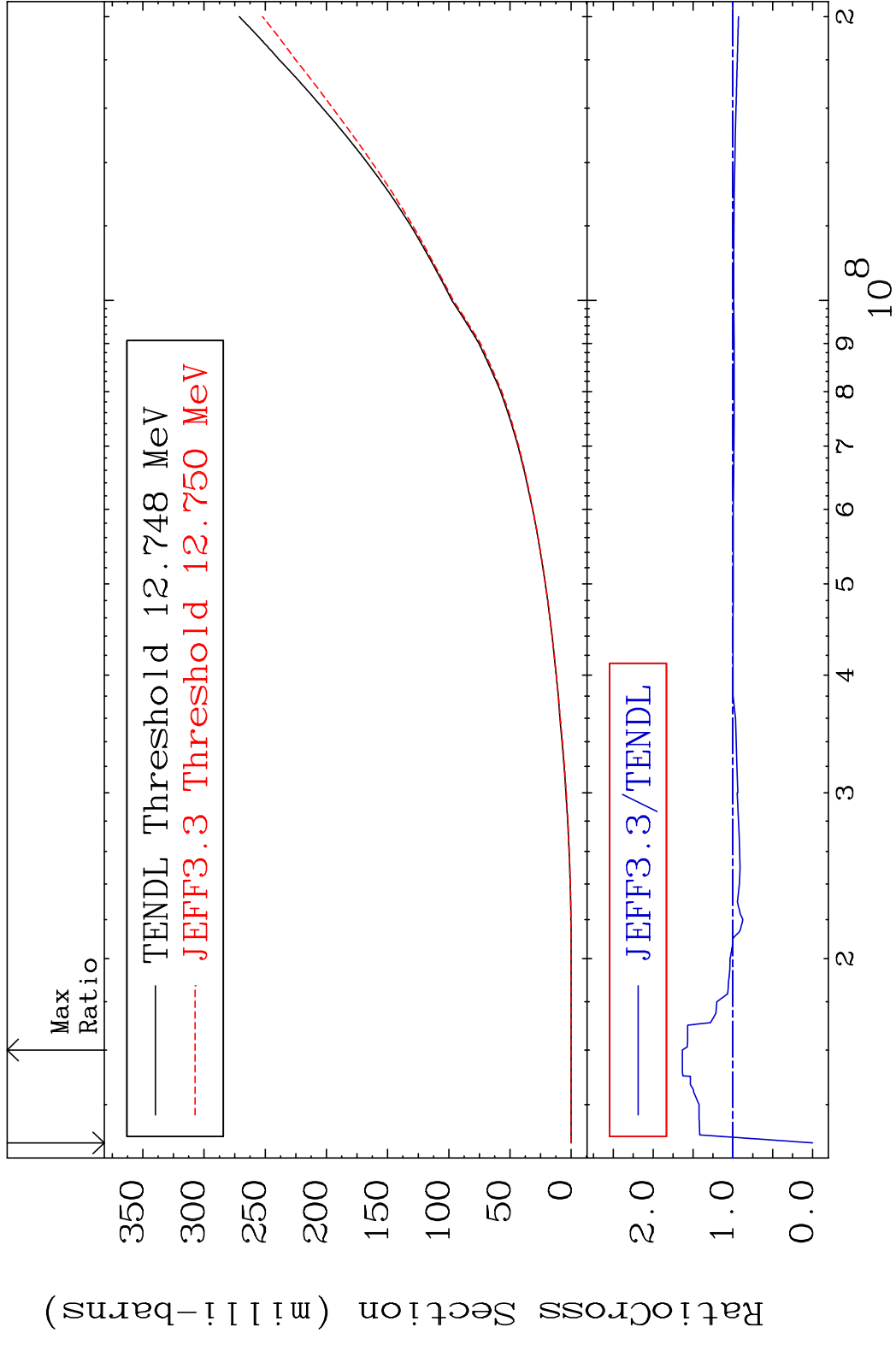


60 Incident Energy (eV) 23-V -51

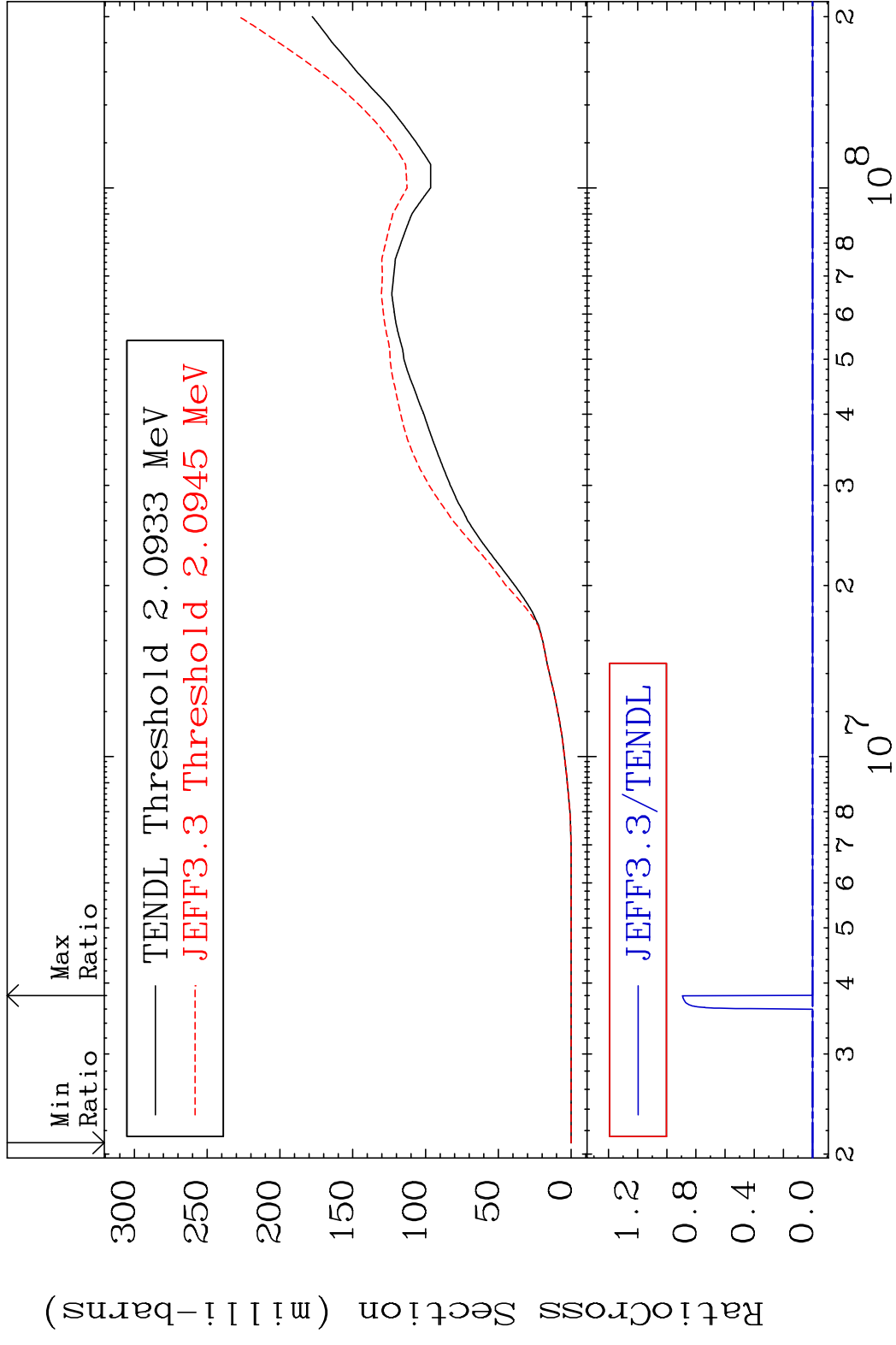
MAT 2328 Tritium Production 23-V -51  
 Cross Section -100.0 To 135.5 %



MAT 2328 He-3 Production 23-V -51  
 Cross Section -100.0 To 63.38 %



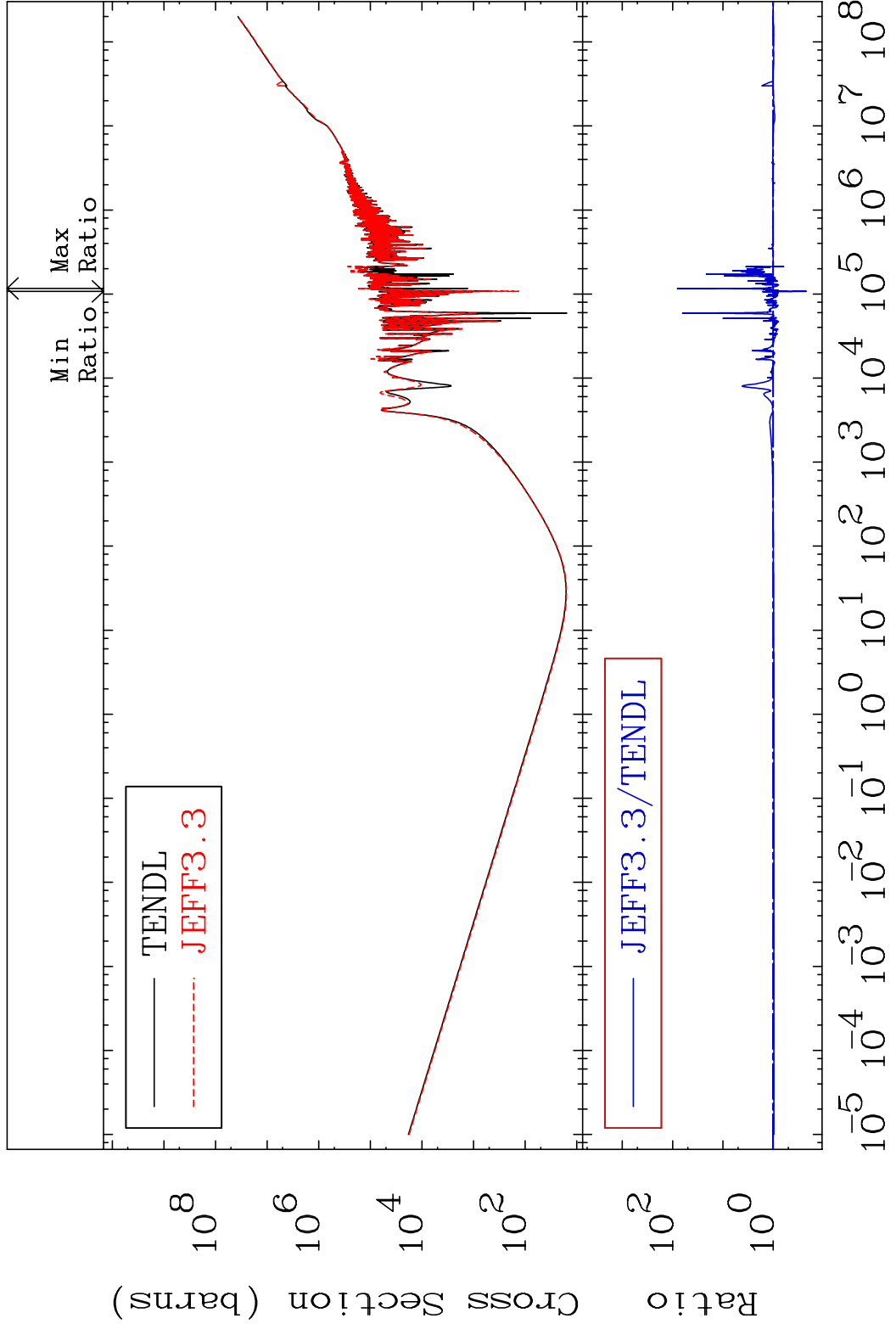
MAT 2328 He-4 Production 23-V -51  
 Cross Section -100.0 To 9999. %





MAT 2328

Kerma total (eV-barns) 23-V -51  
Cross Section -78.16 To 8011. %



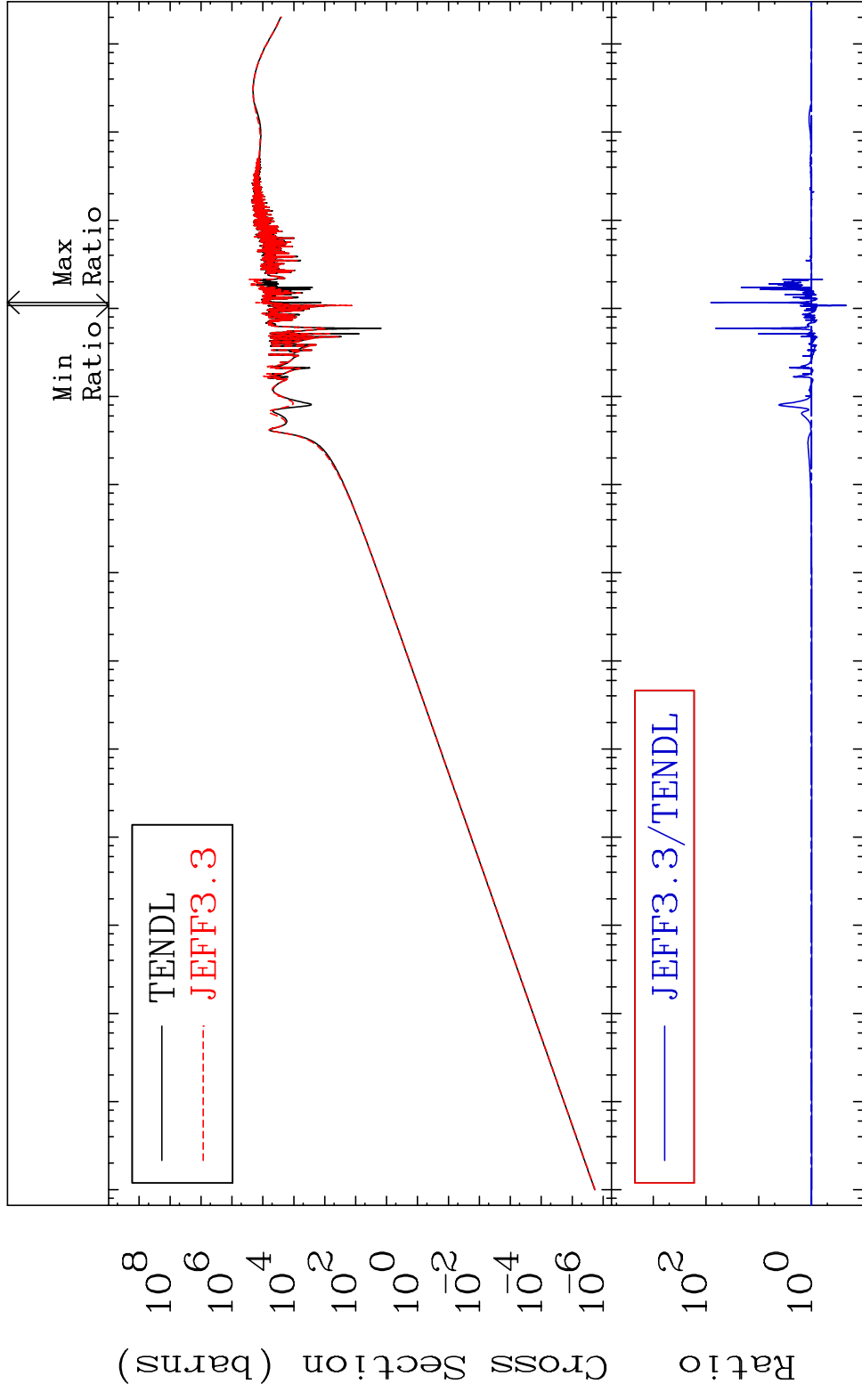
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Incident Energy (eV) 23-V -51

MAT 2328

Kerma elastic  
Cross Section

23-V -51  
-78.18 To 8027. %

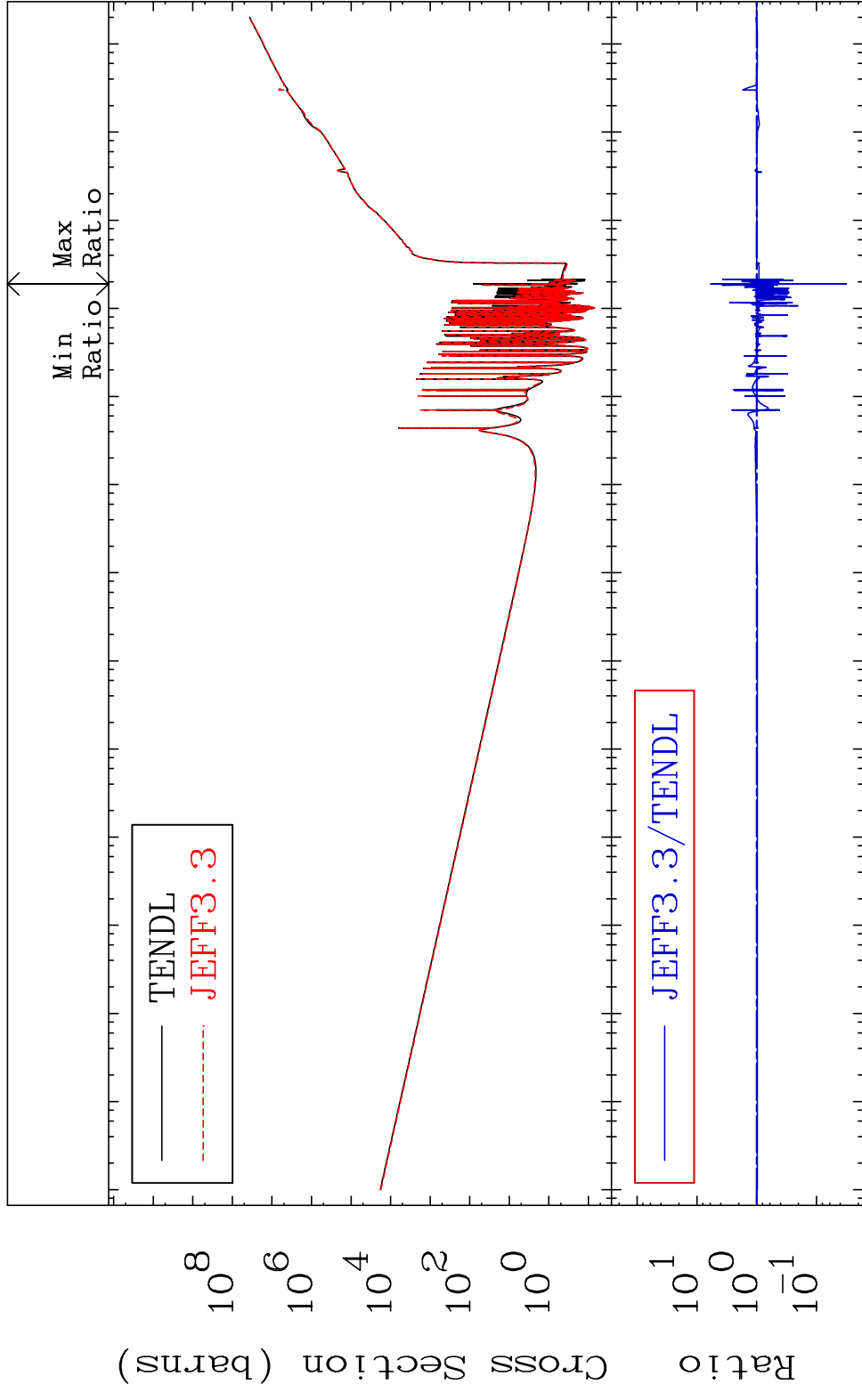


65

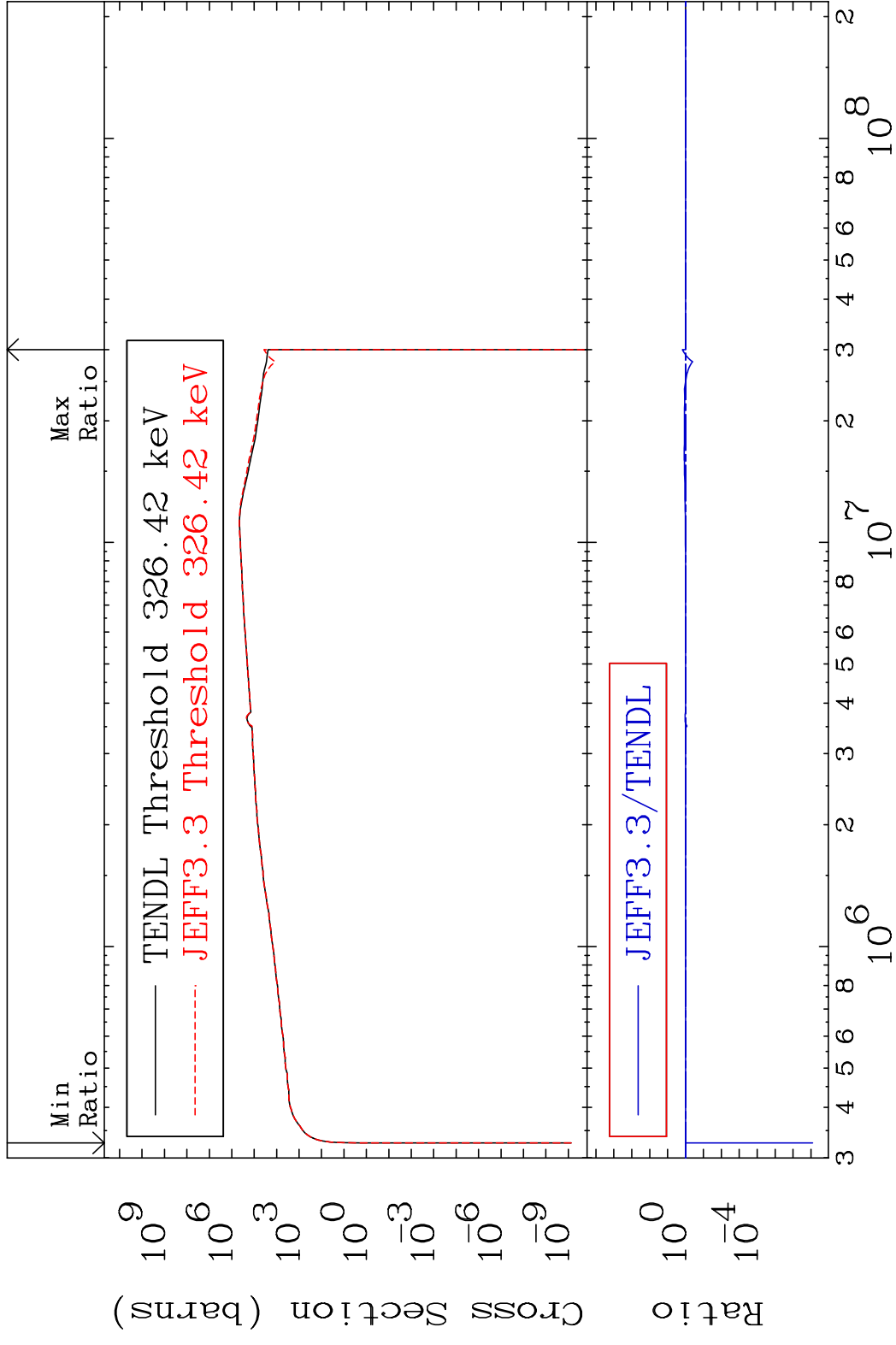
Incident Energy (eV)

23-V -51

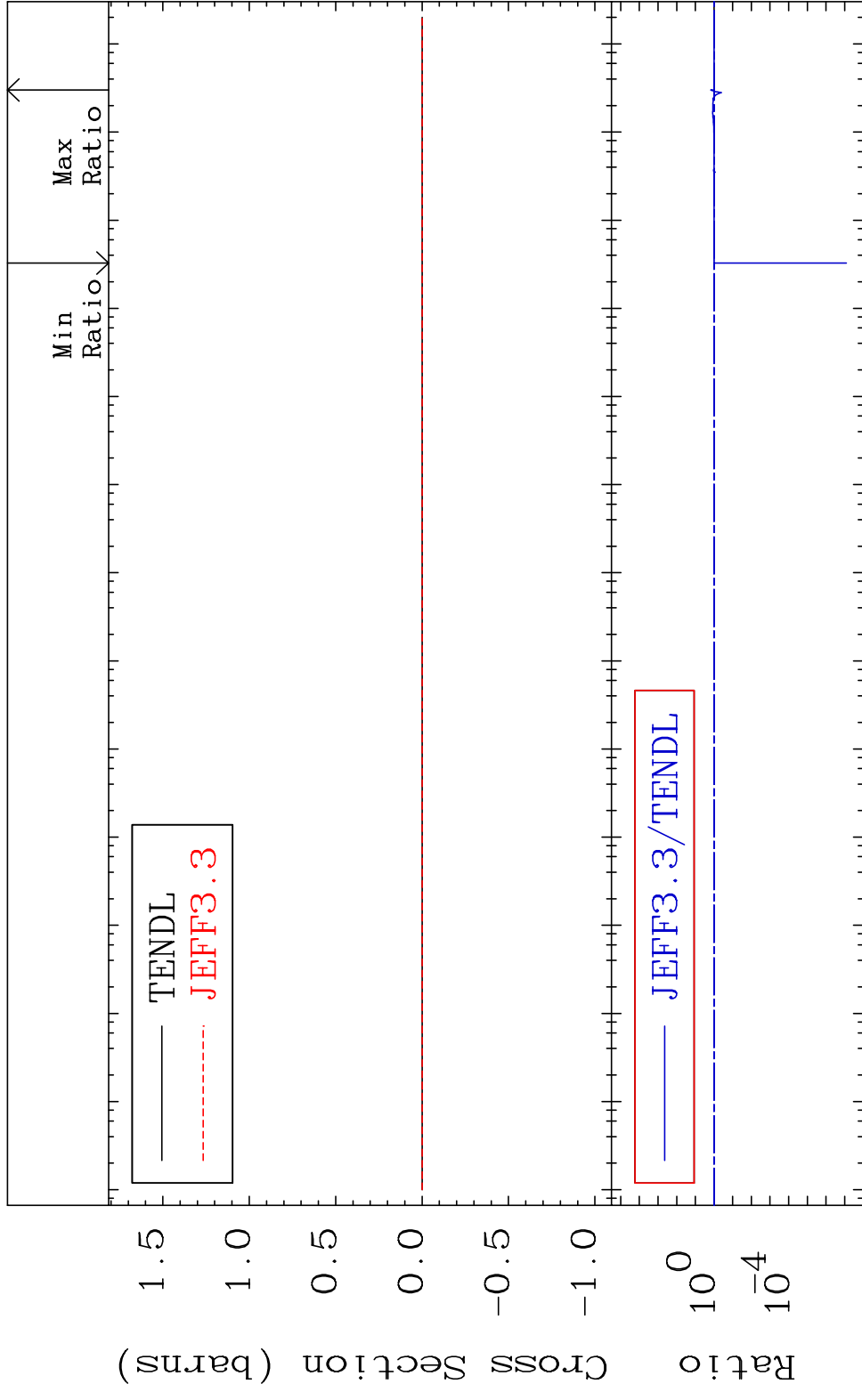
MAT 2328 Kerma non-elastic (all but mt2) 23-V -51  
 Cross Section -96.83 To 487.9 %



MAT 2328 Kerma inelastic (mt51-91) 23-V -51  
 Cross Section -100.0 To 49.92 %

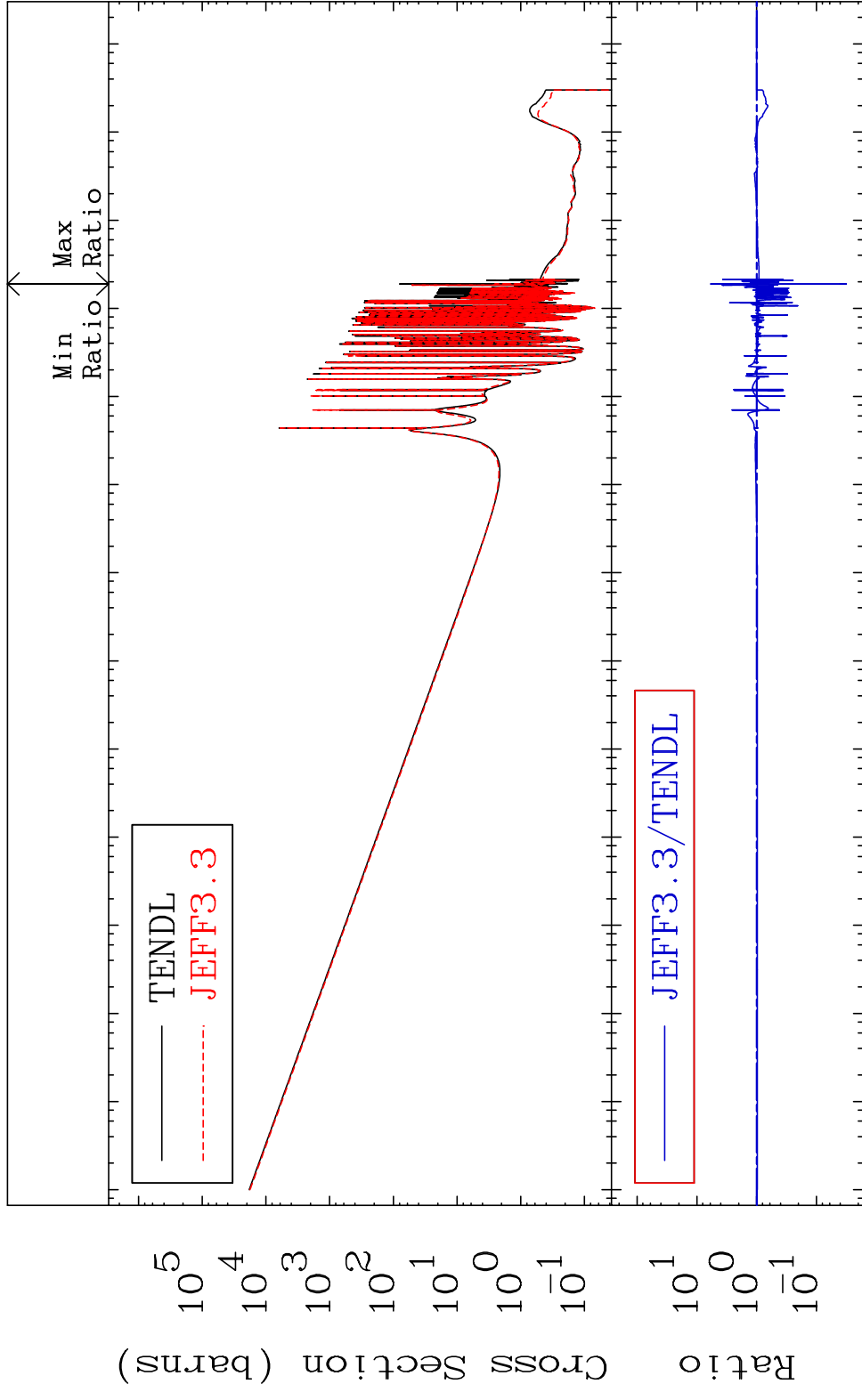


MAT 2328 Kerma fission (mt18 or mt19-20-21-38) 23-V -51  
 Cross Section -100.0 To 49.92 %



MAT 2328

Kerma capture (mt102) 23-V -51  
Cross Section -96.83 To 487.9 %

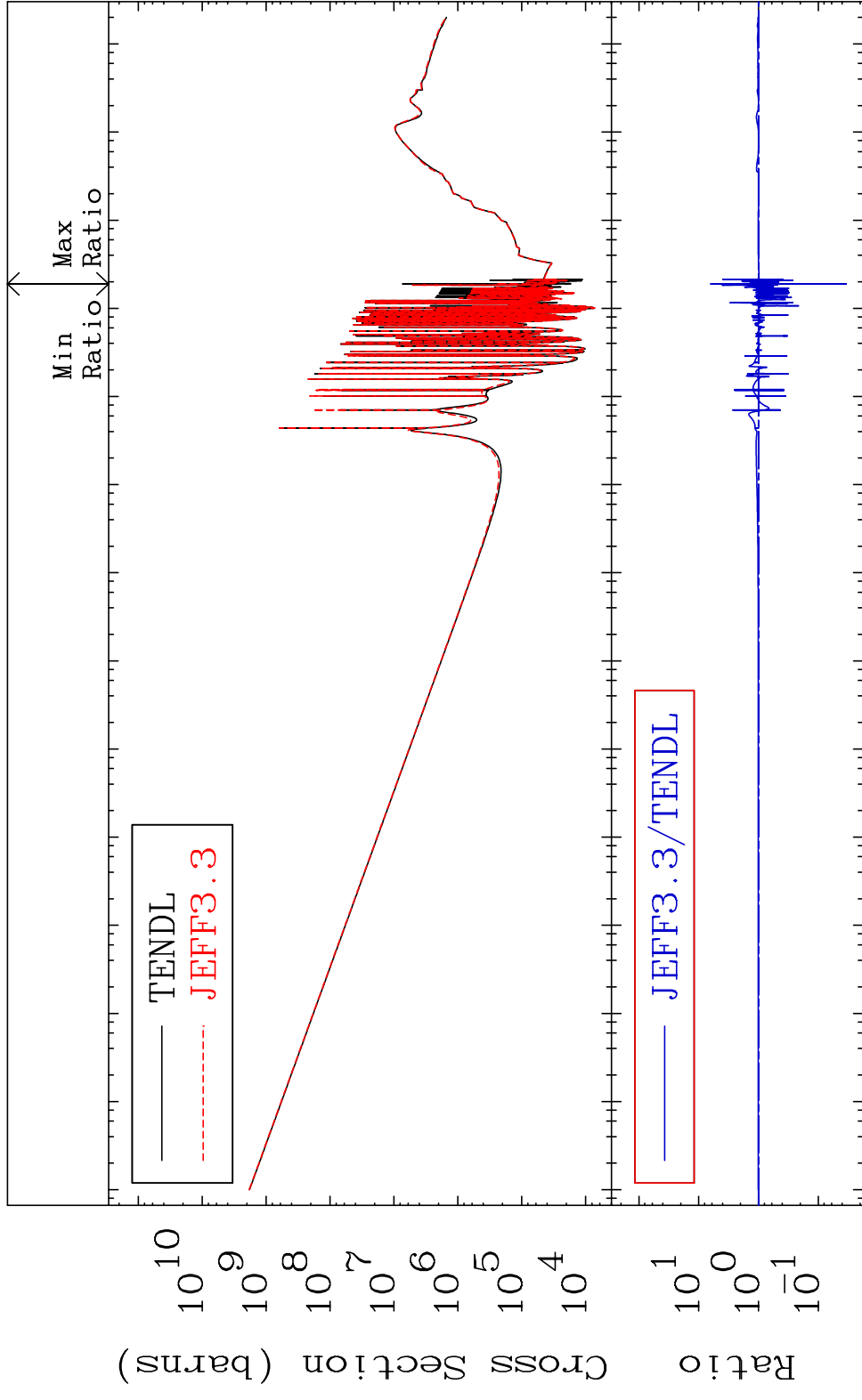


69

Incident Energy (eV)

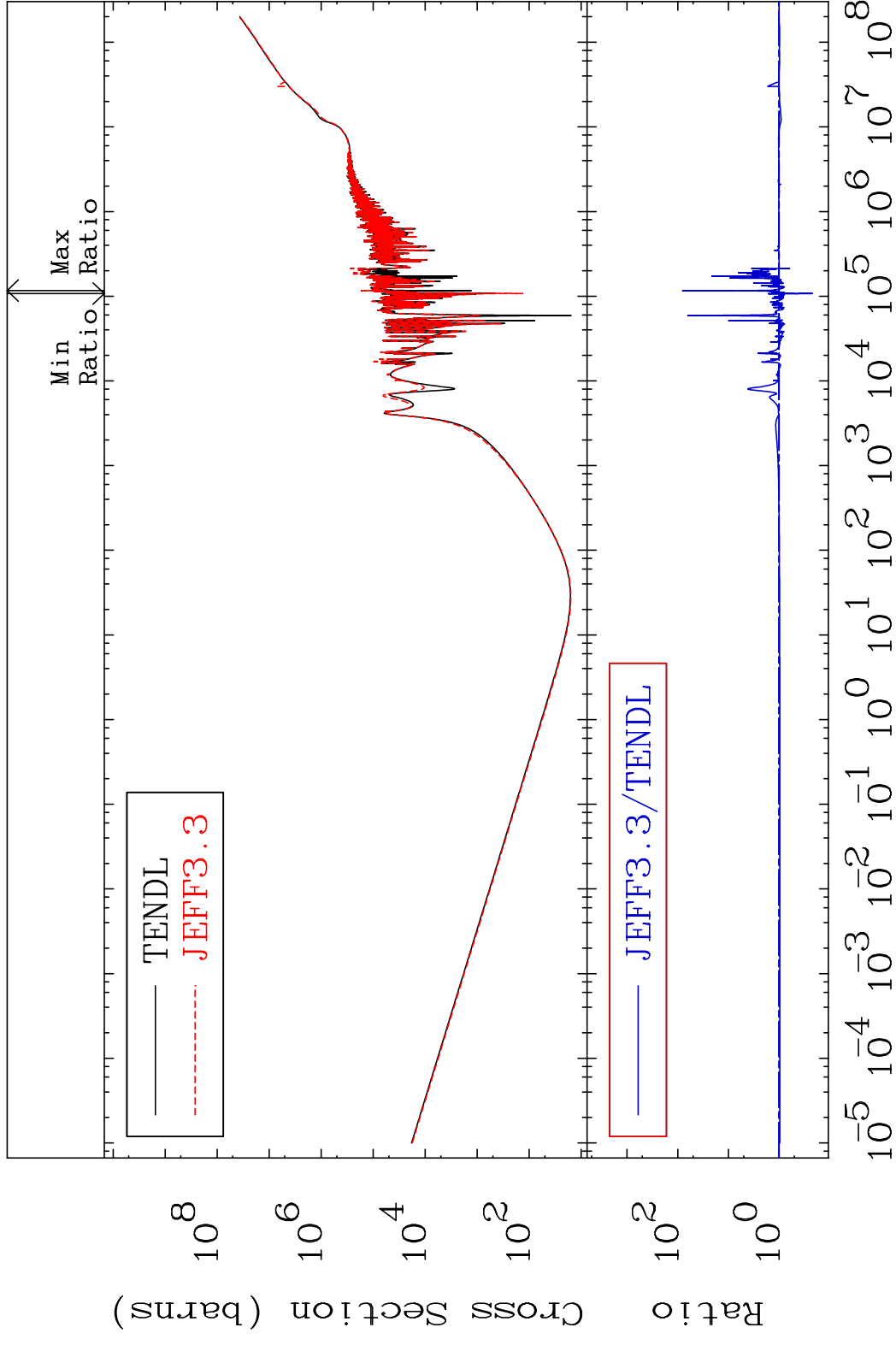
23-V -51

MAT 2328 Total photon (eV-barns) 23-V -51  
 Cross Section -96.60 To 530.6 %



70 Incident Energy (eV) 23-V -51

MAT 2328 Total kinematic kerma (high limit) 23-V -51  
 Cross Section -78.16 To 8011. %



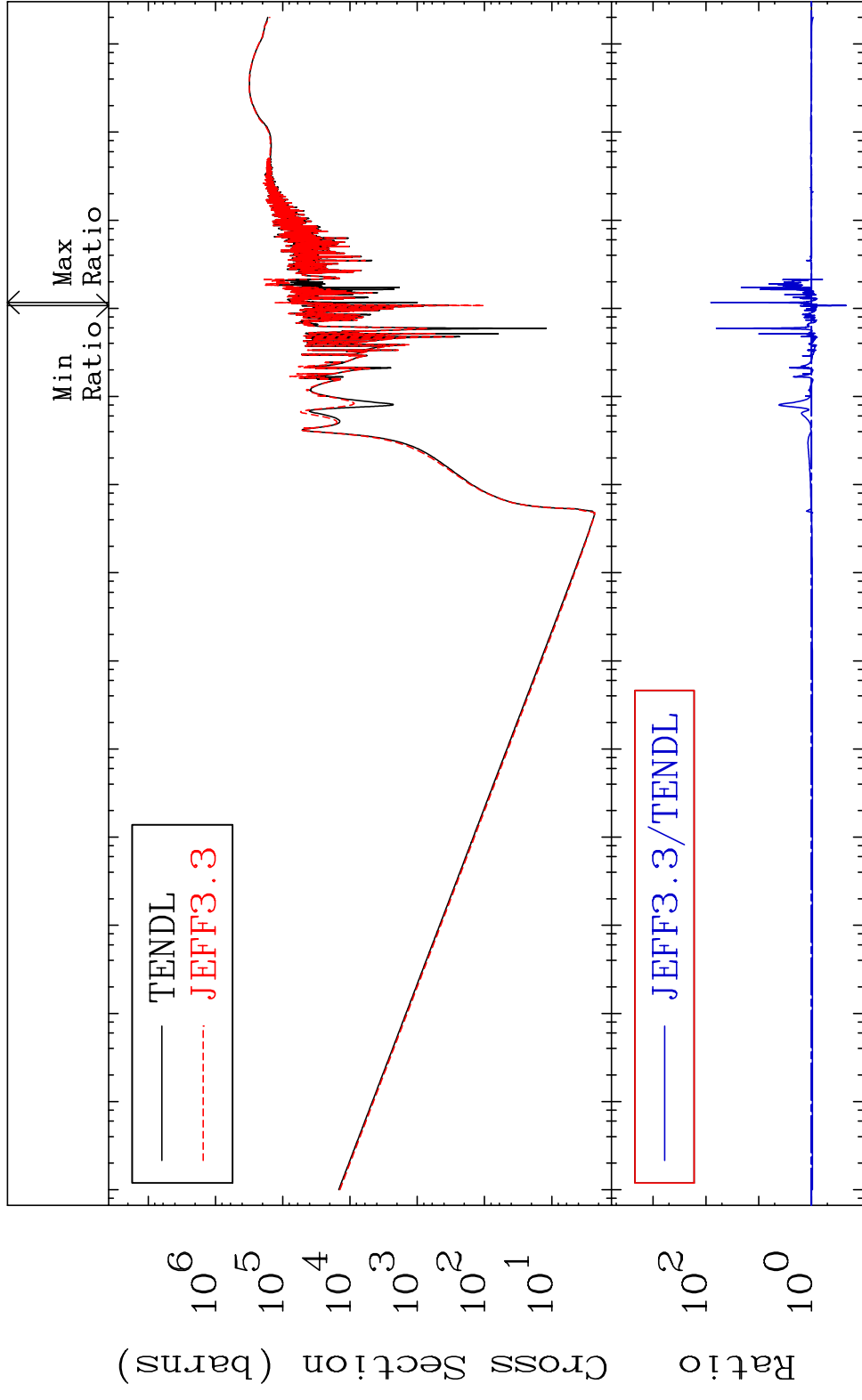


MAT 2328

Dpa total (eV-barns)

23-V -51

Cross Section -78.16 To 8010. %



72

Incident Energy (eV)

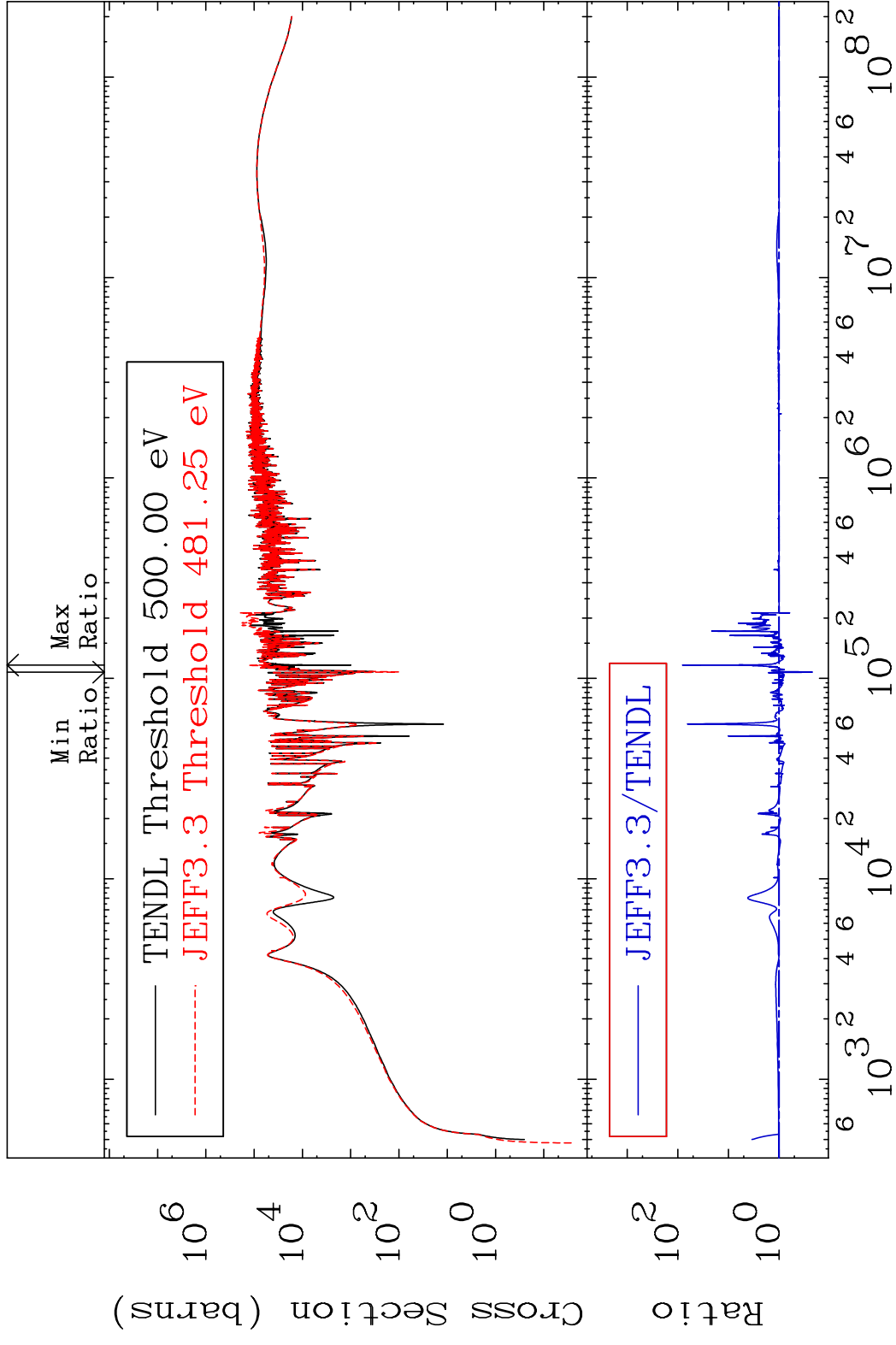
23-V -51

MAT 2328

Dpa elastic (mt2)

23-V -51

Cross Section -78.18 To 8027. %

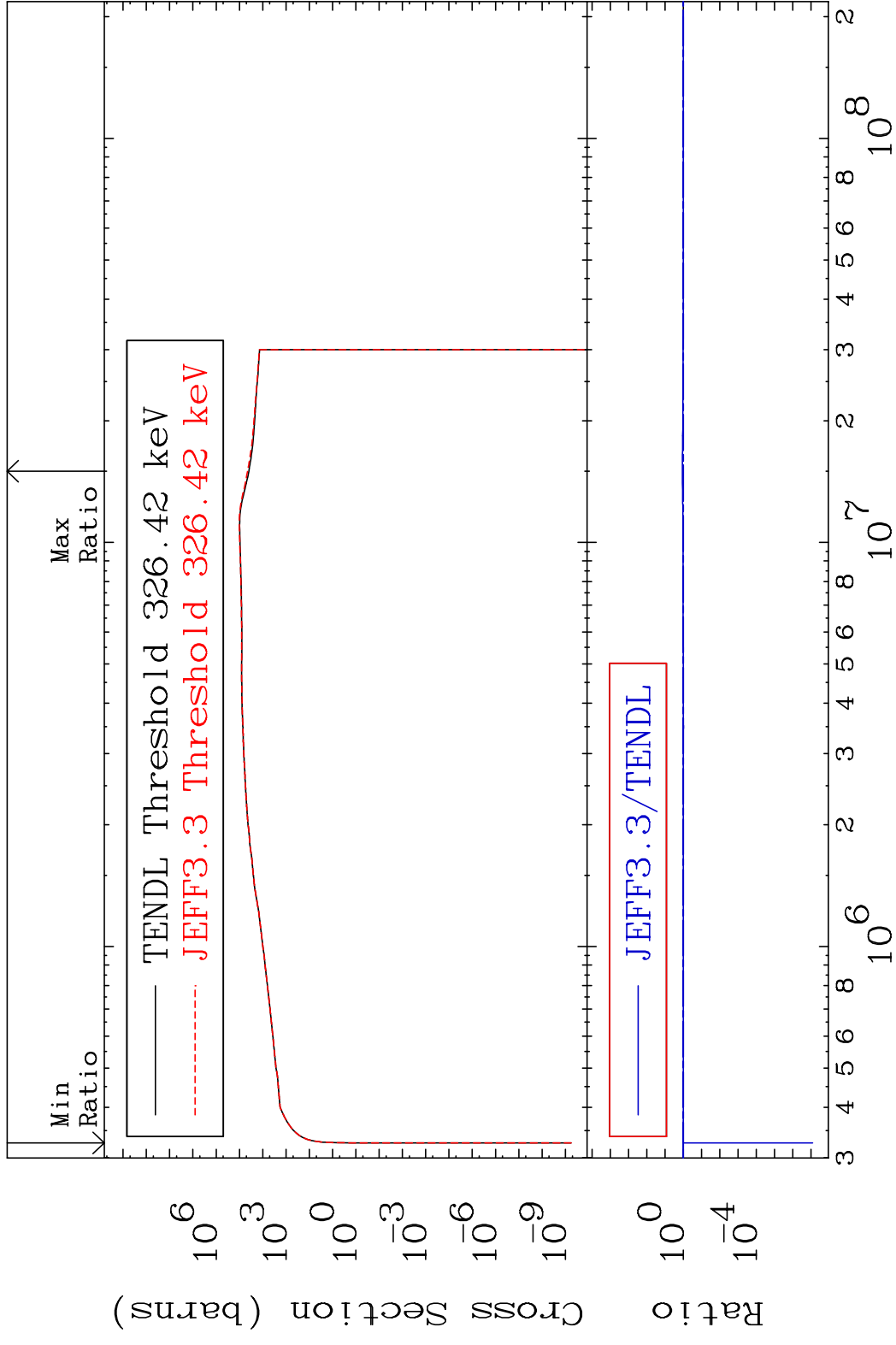


73

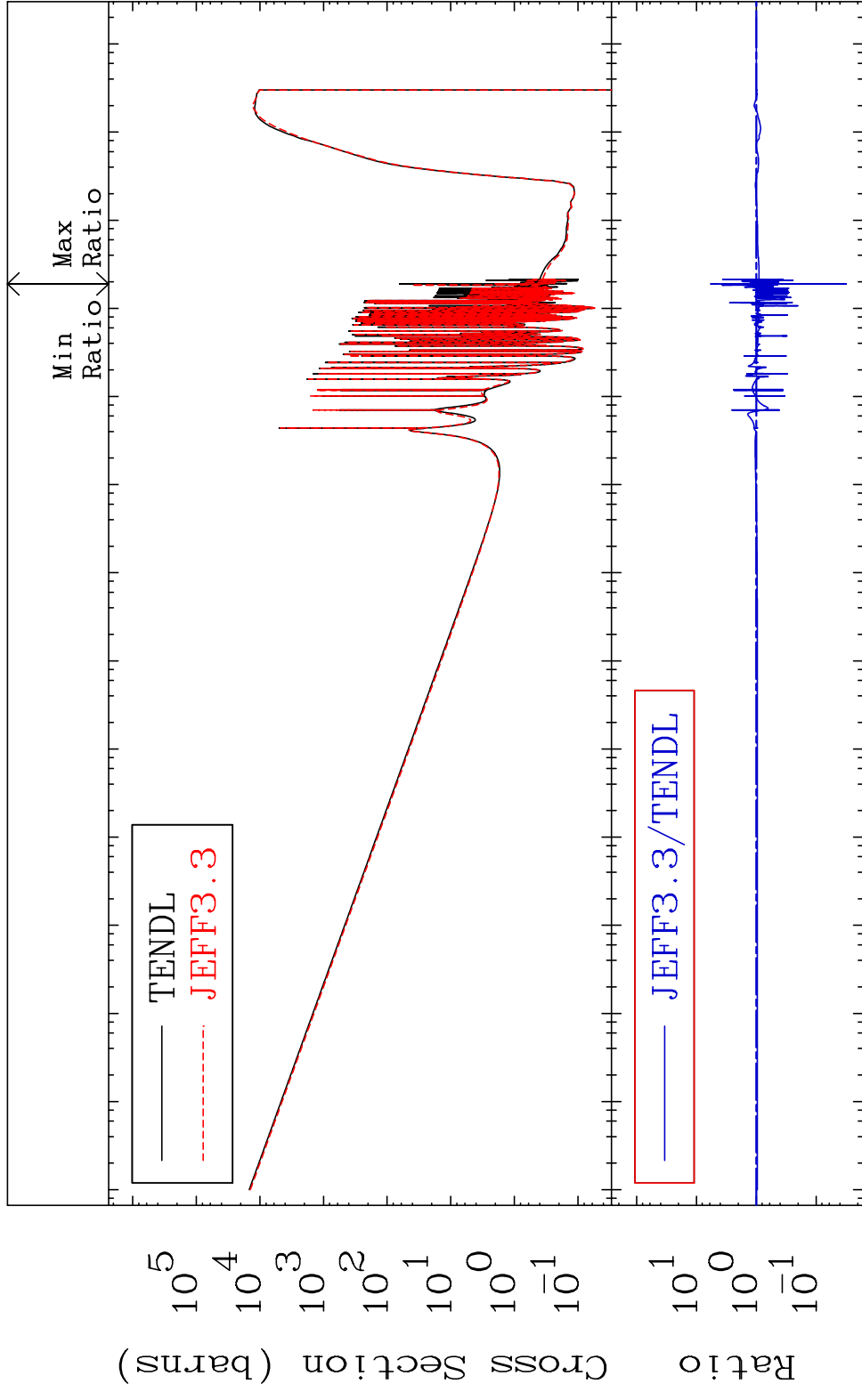
Incident Energy (eV)

23-V -51

MAT 2328 Dpa inelastic (mt51-91) 23-V -51  
 Cross Section -100.0 To 12.69 %

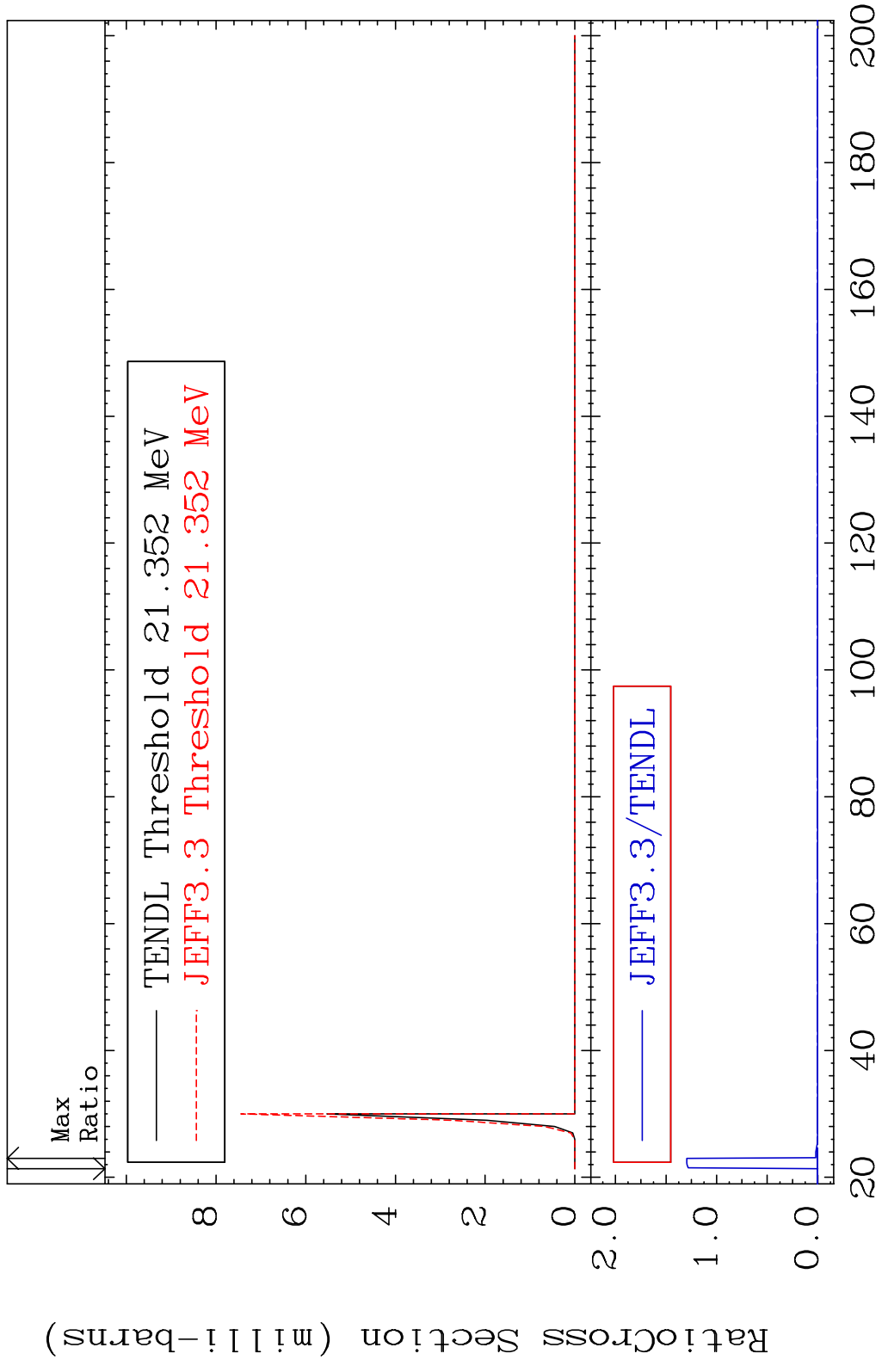


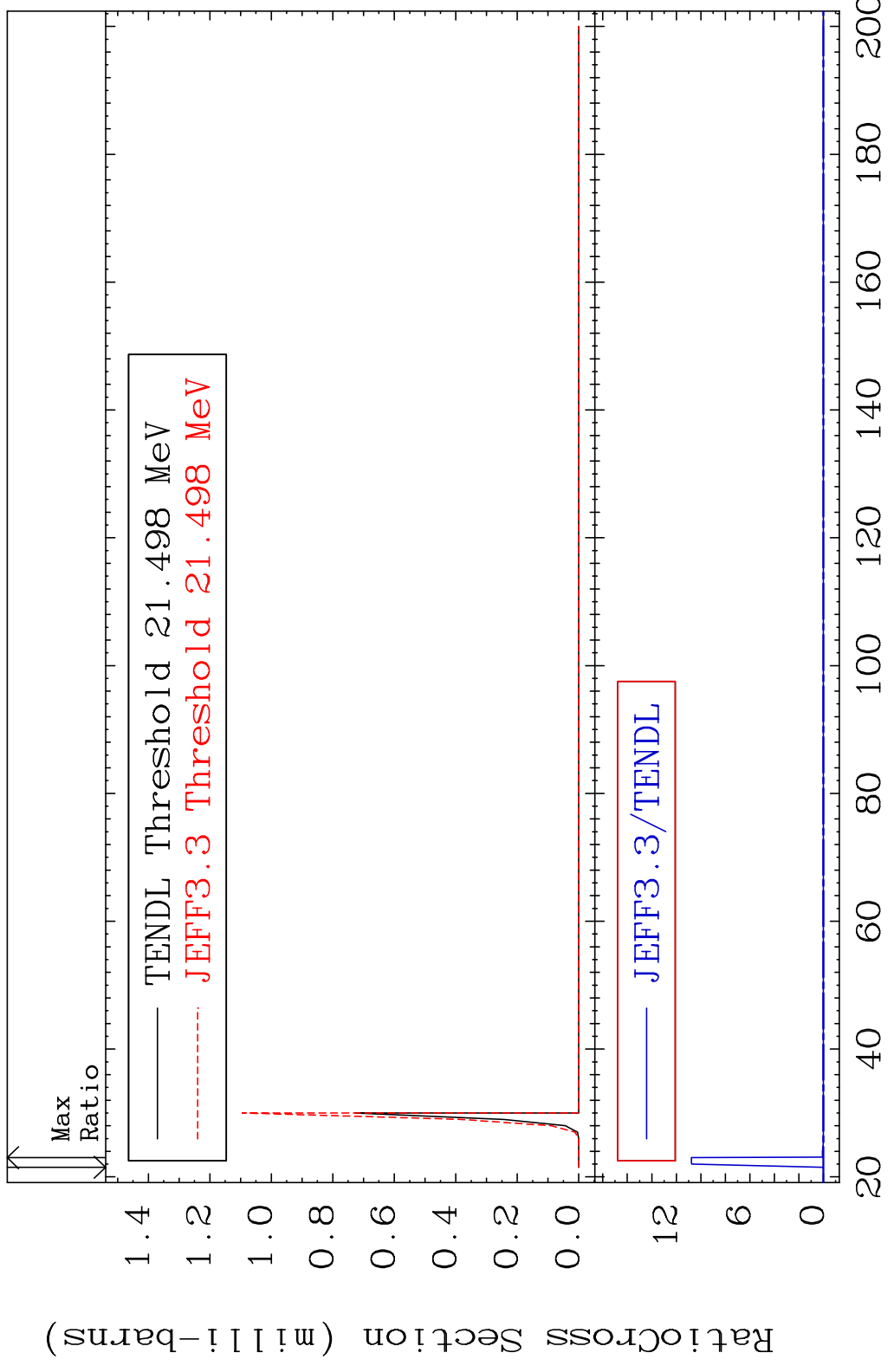
MAT 2328 Dpa disappearance (mt102 -120) 23-V -51  
 Cross Section -96.88 To 478.8 %

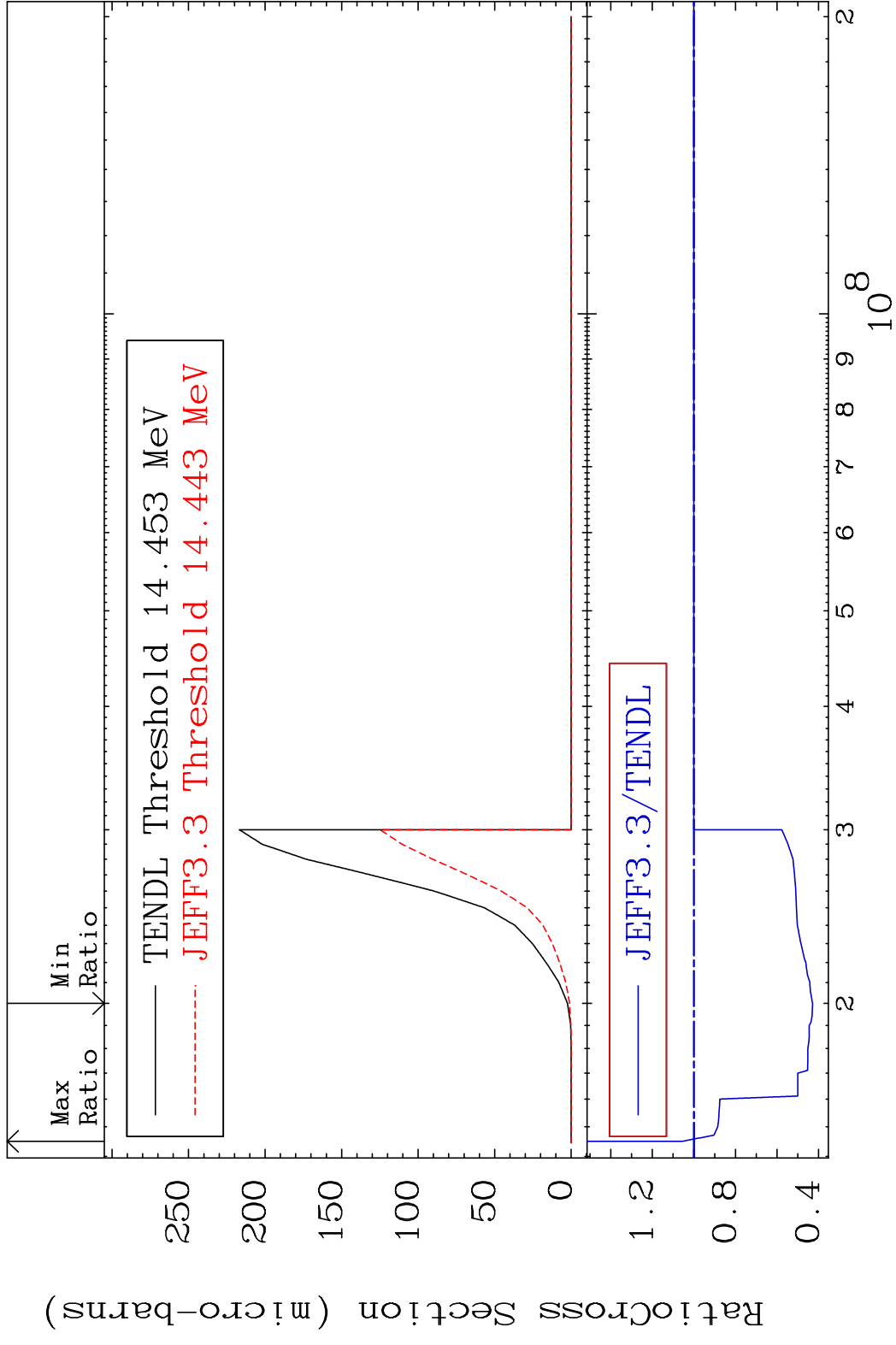


75 Incident Energy (eV) 23-V -51

MAT 2328 (n,2n)  $\alpha$ :21-Sc-46g 23-V -51  
 Radionuclide Production Cross Section Ratio 9999. %







MAT 2328 (n,2p):21-Sc-50m1 23-V -51  
 Radionuclide Production Cross Section 0.000 %

