

Program Complot  
(Version 2021-1)

by

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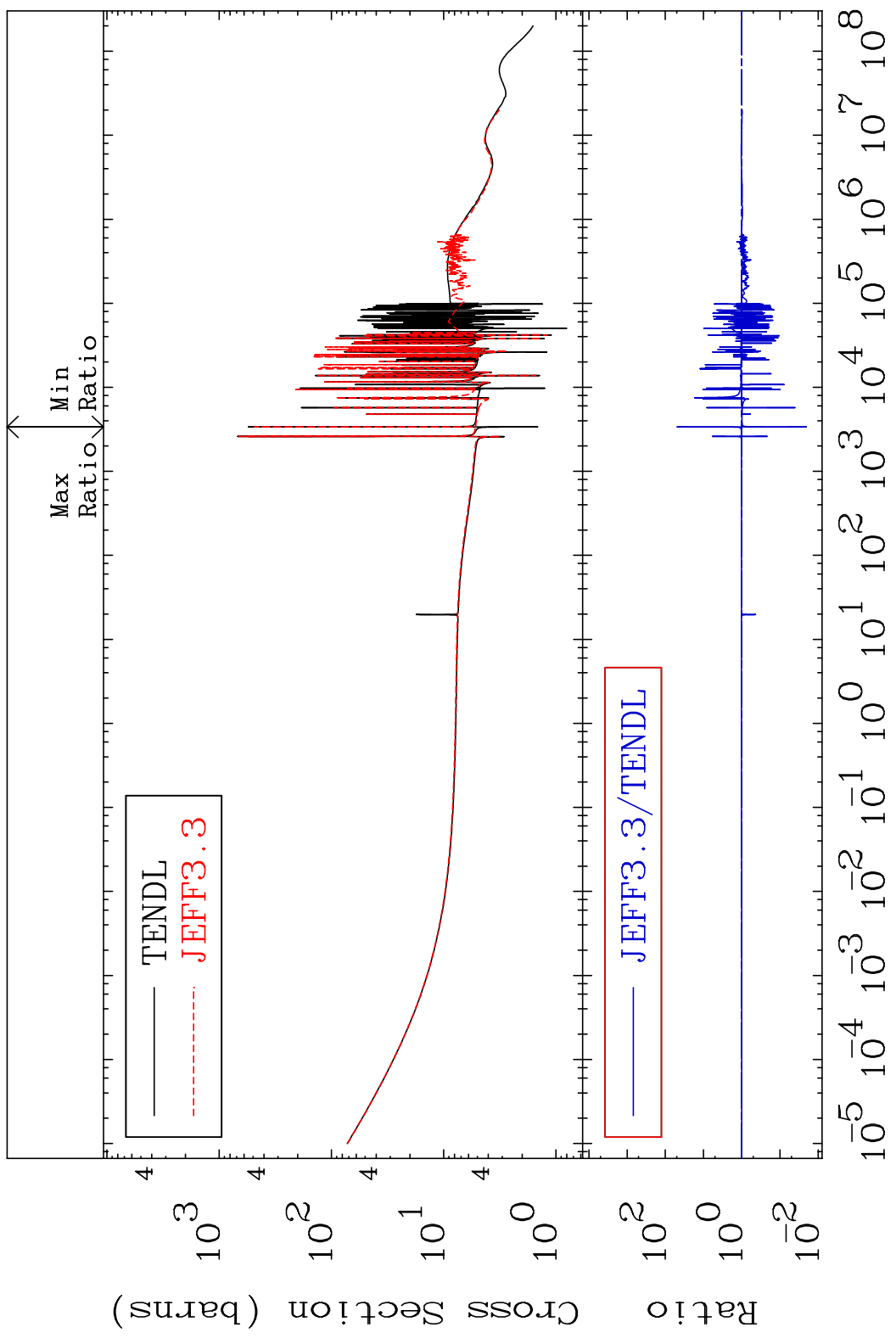
Press Mouse Button to Start

MAT 3925

Total

39-Y -89

Cross Section -97.97 To 4792. %



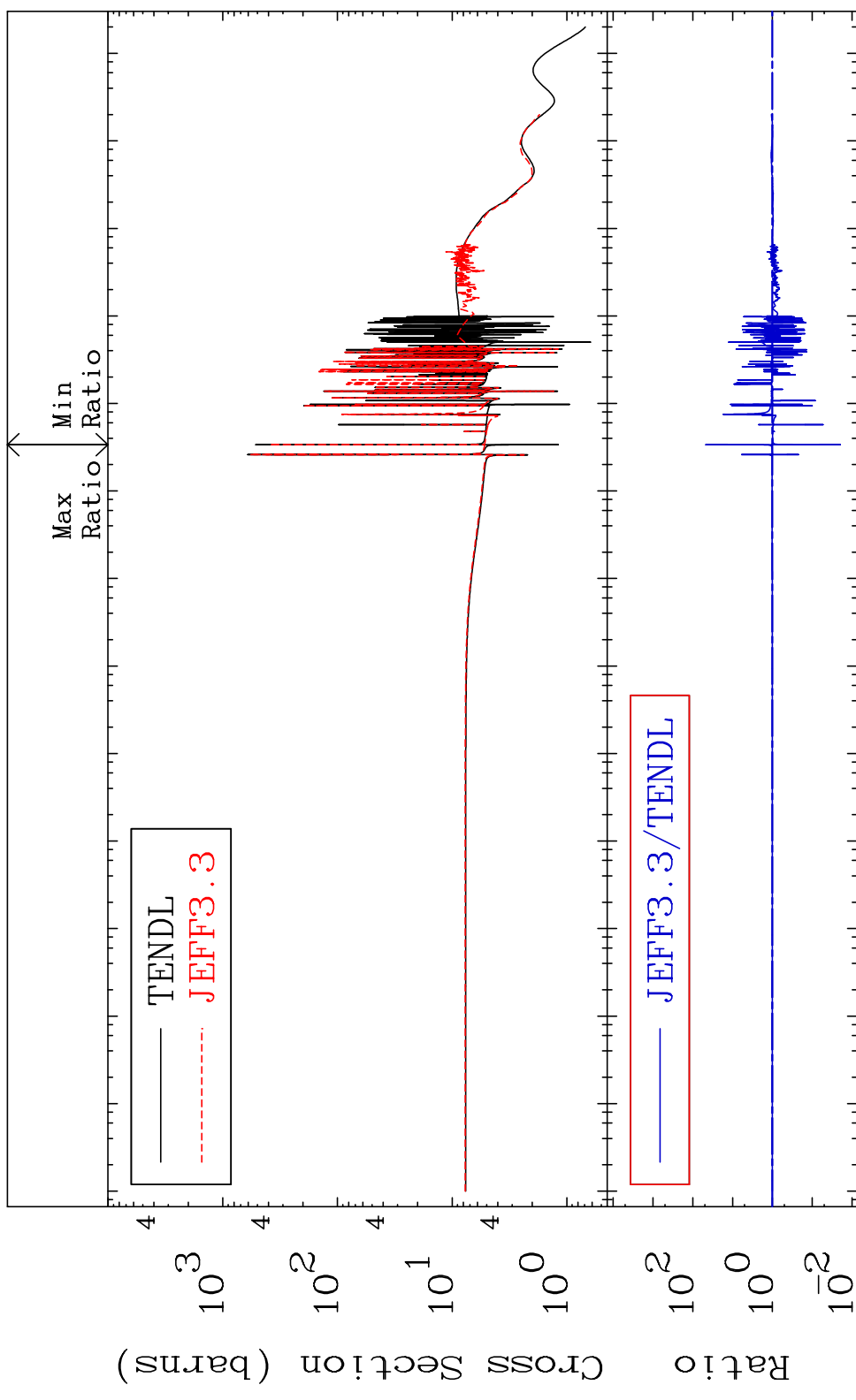
1

Incident Energy (eV)

39-Y -89

MAT 3925

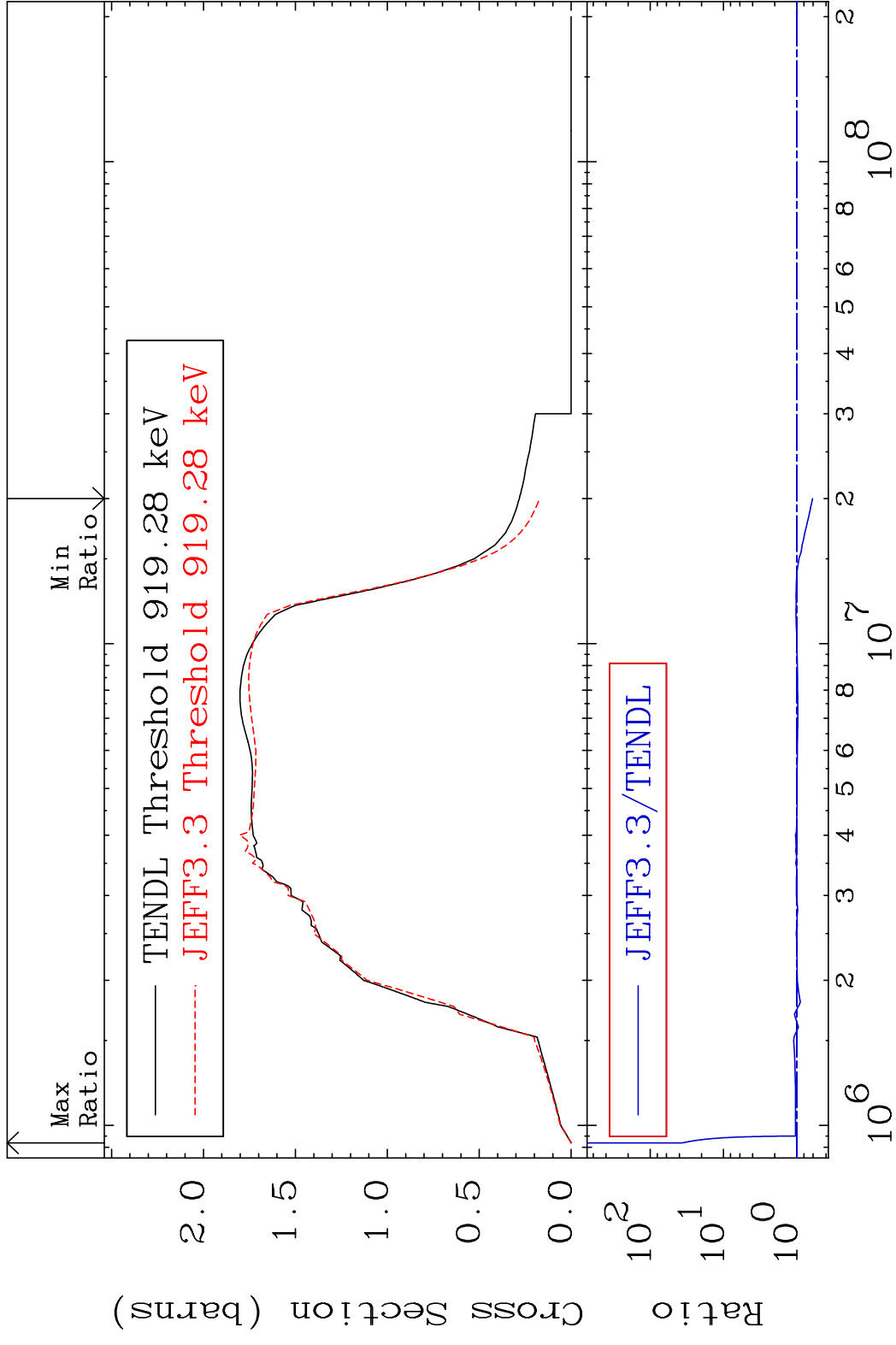
Elastic Cross Section -98.04 To 4620. %  
39-Y -89



2

Incident Energy (eV) 39-Y -89

MAT 3925 Inelastic 39-Y -89  
 Cross Section -39.06 To 3542. %



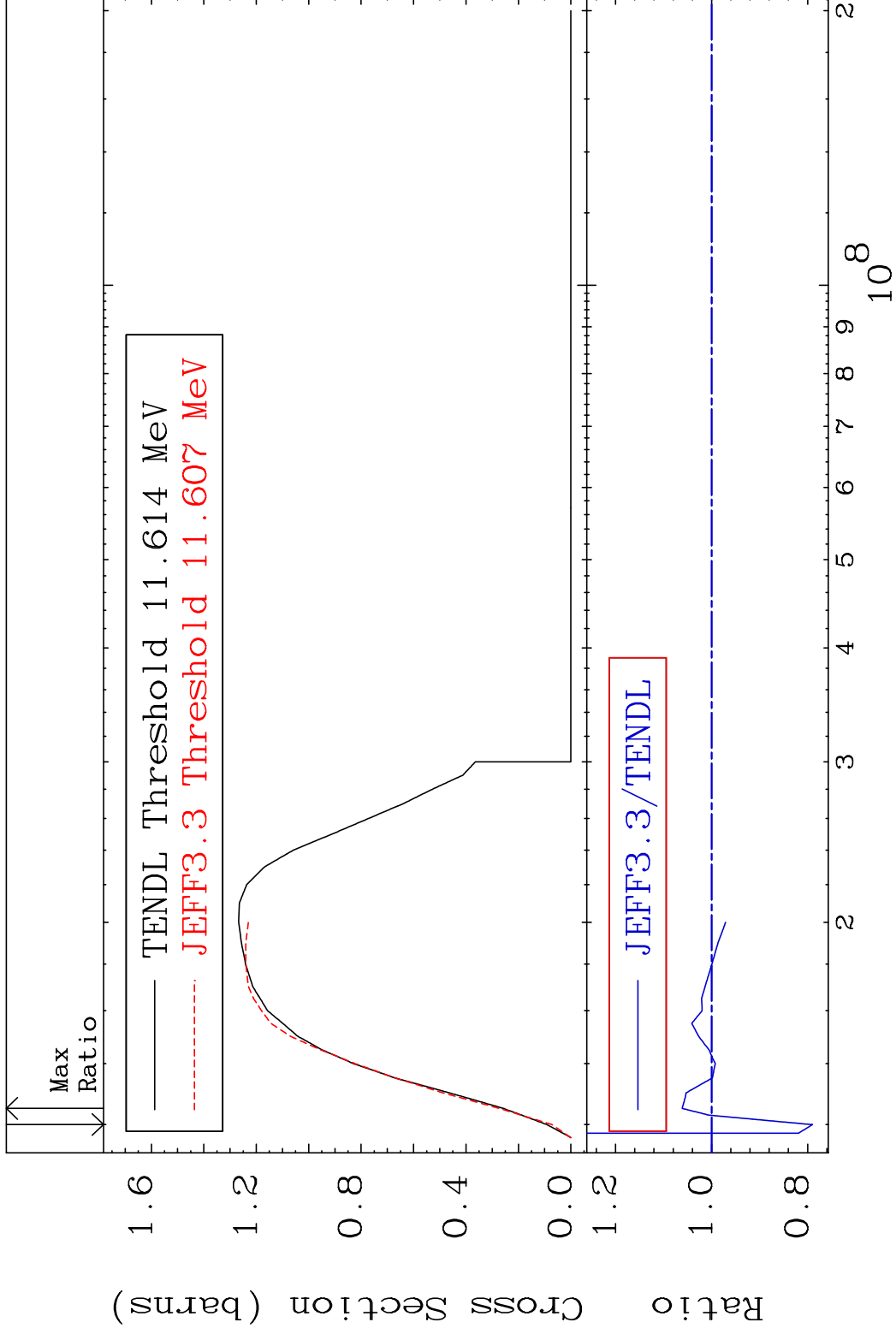
3 39-Y -89

MAT 3925

(n,2n)

39-Y -89

Cross Section -21.01 To 6.136 %



4

Incident Energy (eV)

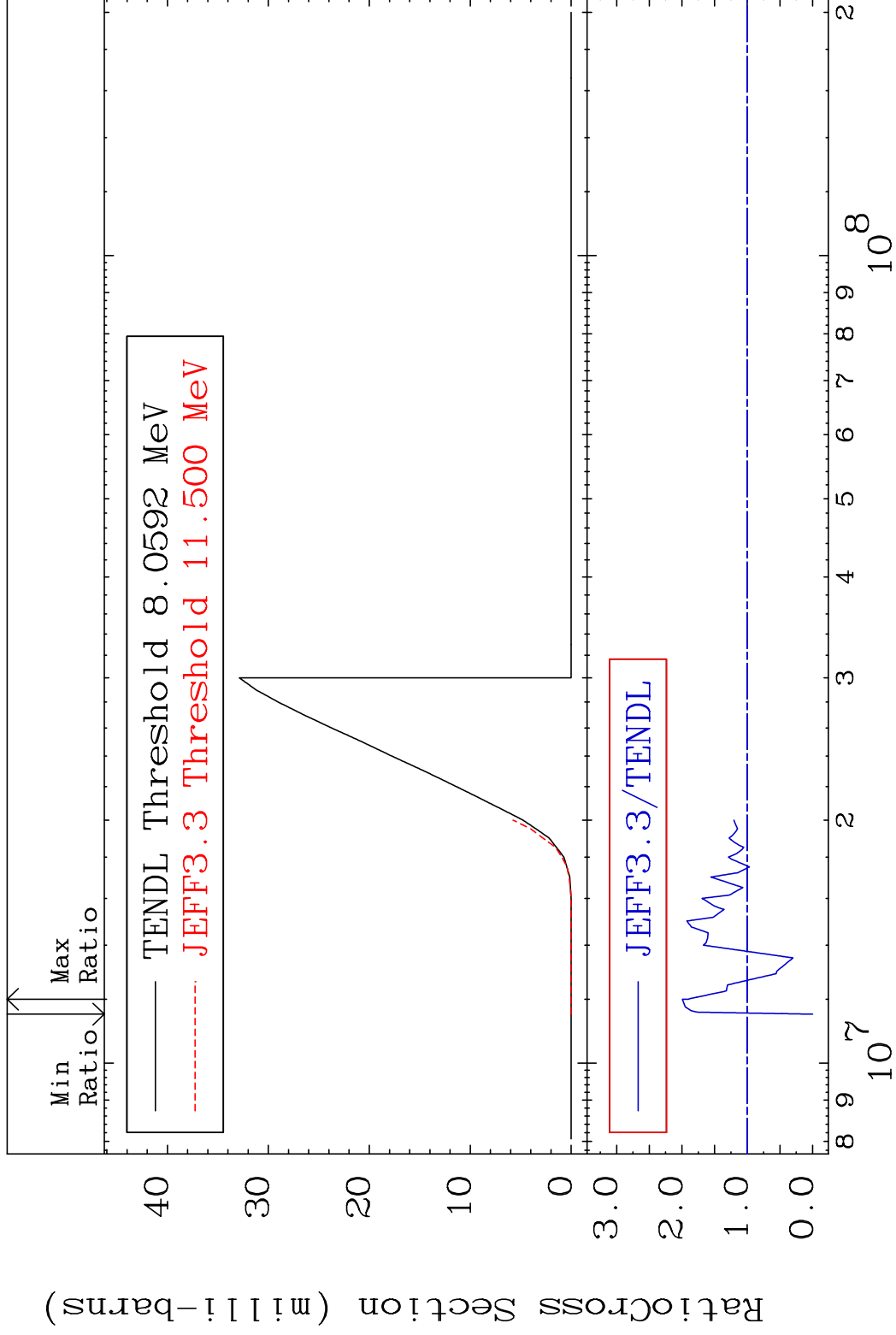
39-Y -89

MAT 3925

(n, n')  $\alpha$

39-Y -89

Cross Section -100.0 To 99.33 %



5

Incident Energy (eV)

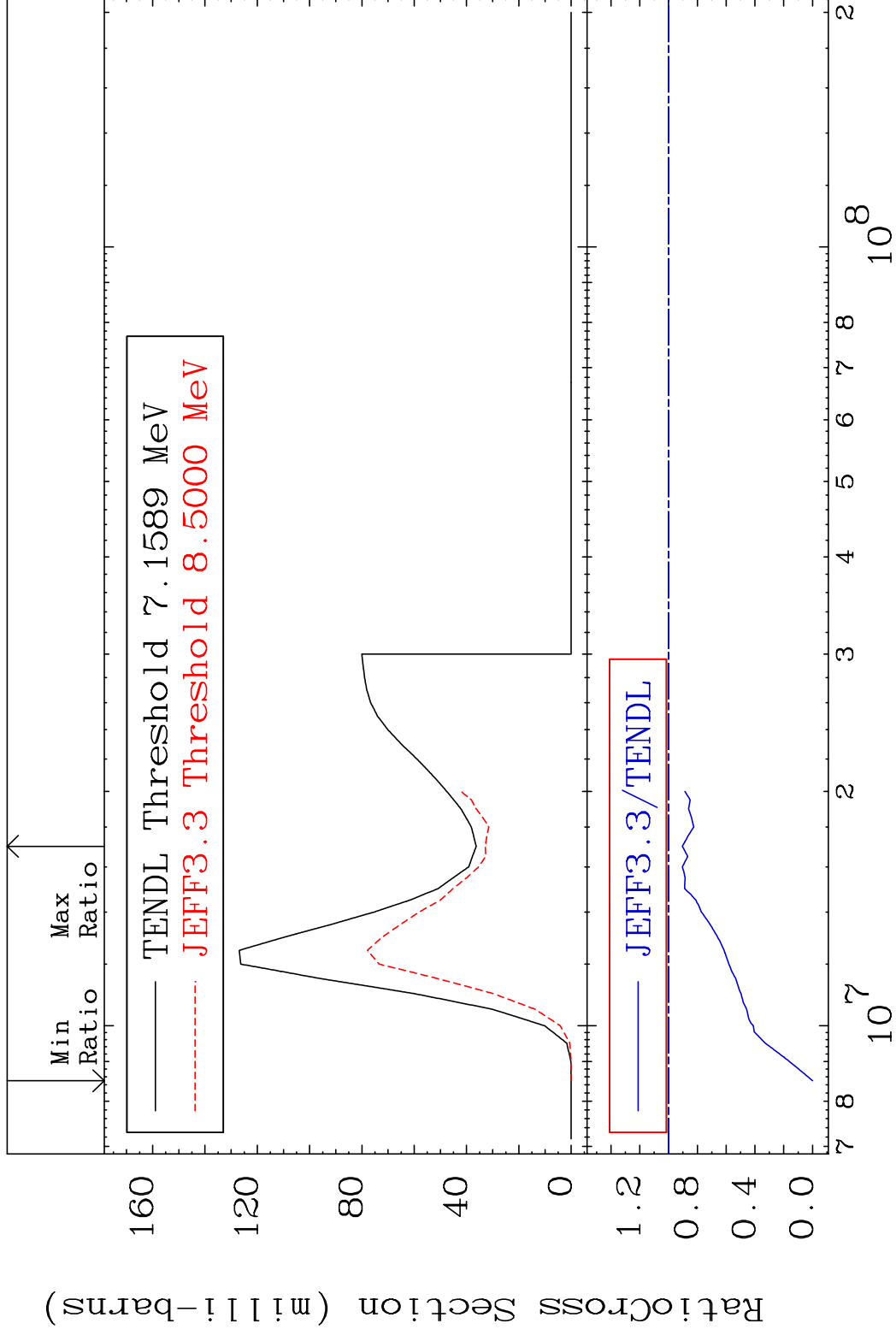
39-Y -89

MAT 3925

(n, n') p

39-Y -89

Cross Section -100.0 To -9.590%



6

Incident Energy (eV)

39-Y -89

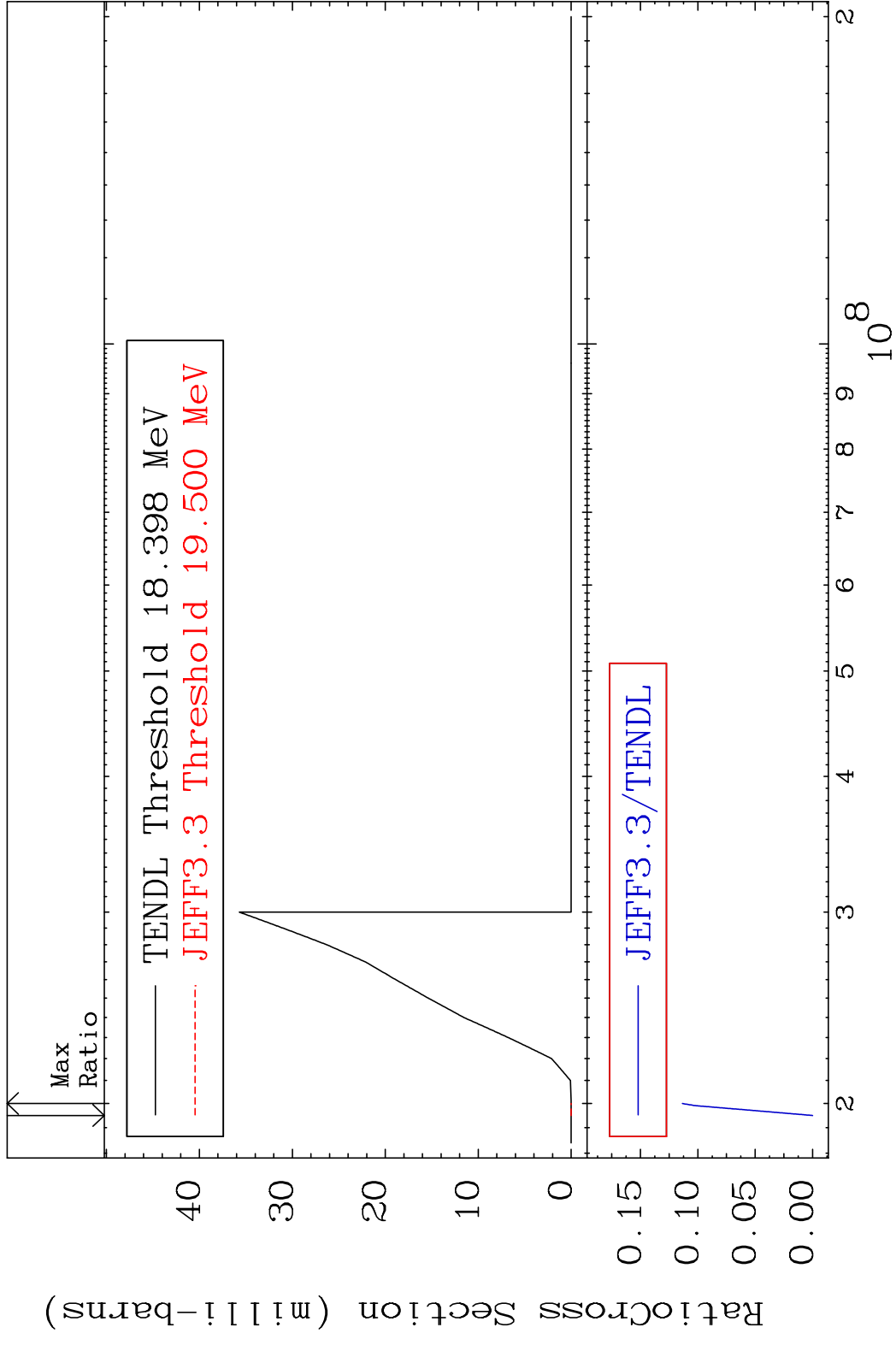
MAT 3925

(n,2n) p

39-Y -89

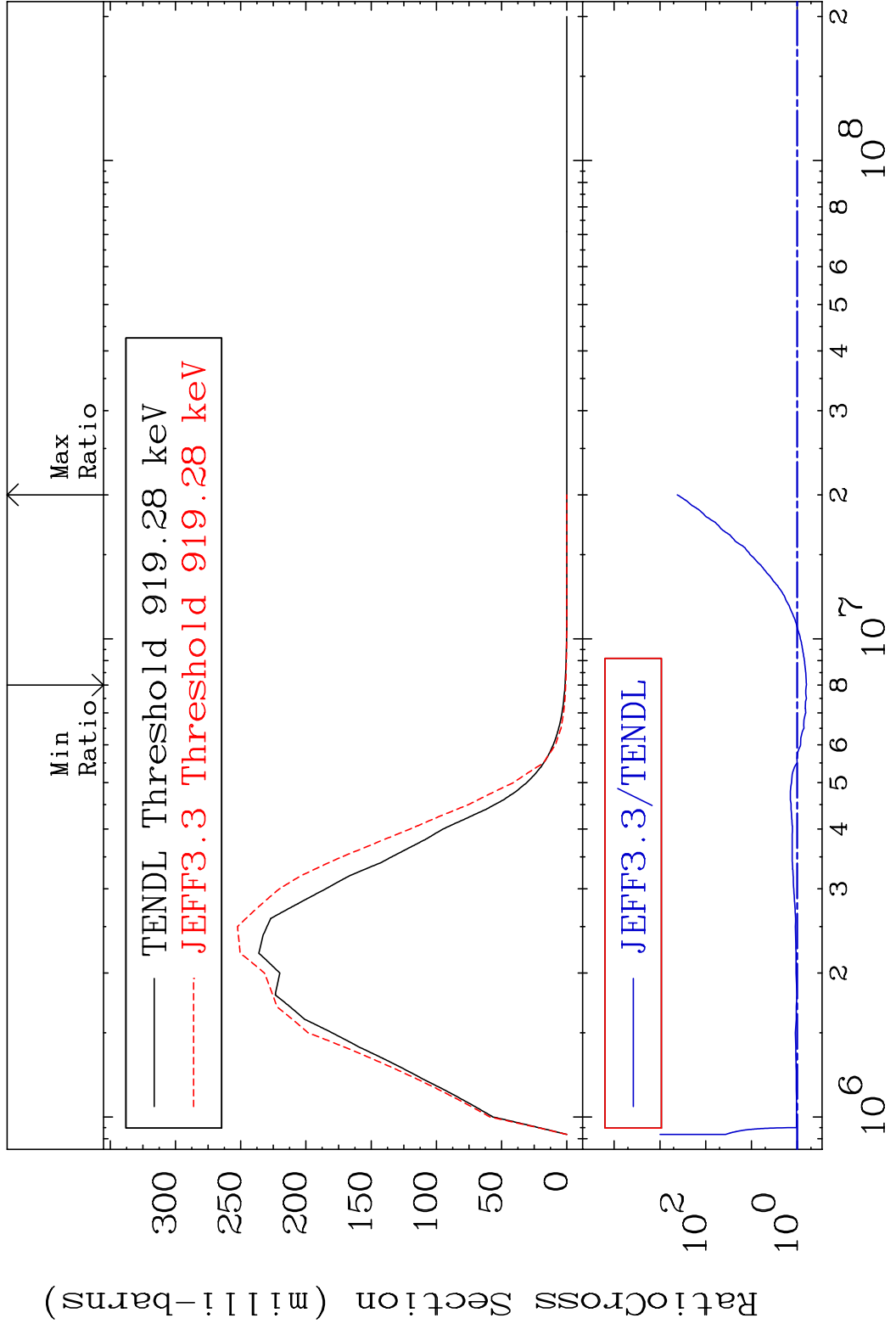
Cross Section

-100.0 To -88.65%



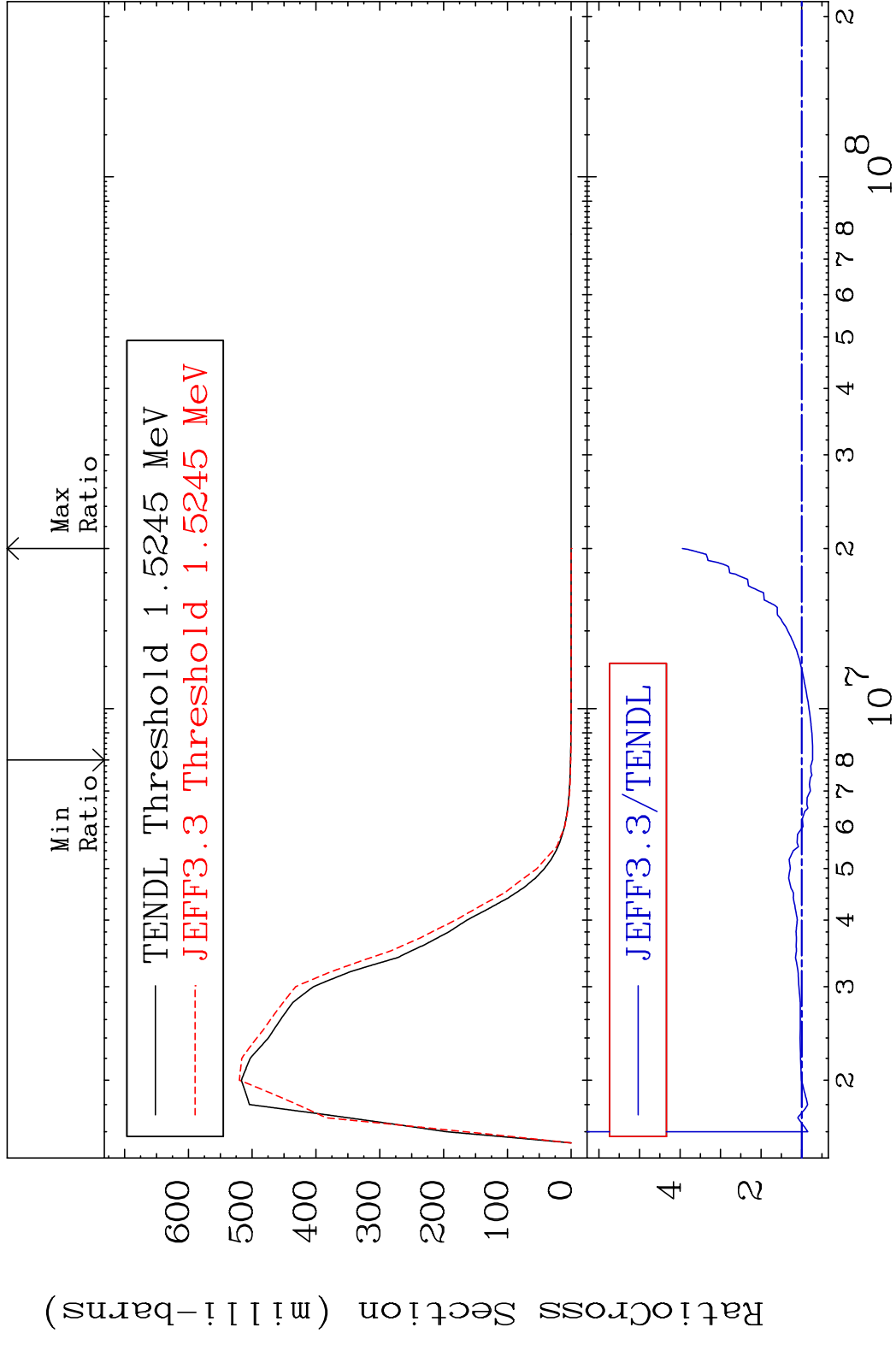


MAT 3925 MT= 51 (n, n') Level 39-Y -89  
 Cross Section -37.12 To 9999. %

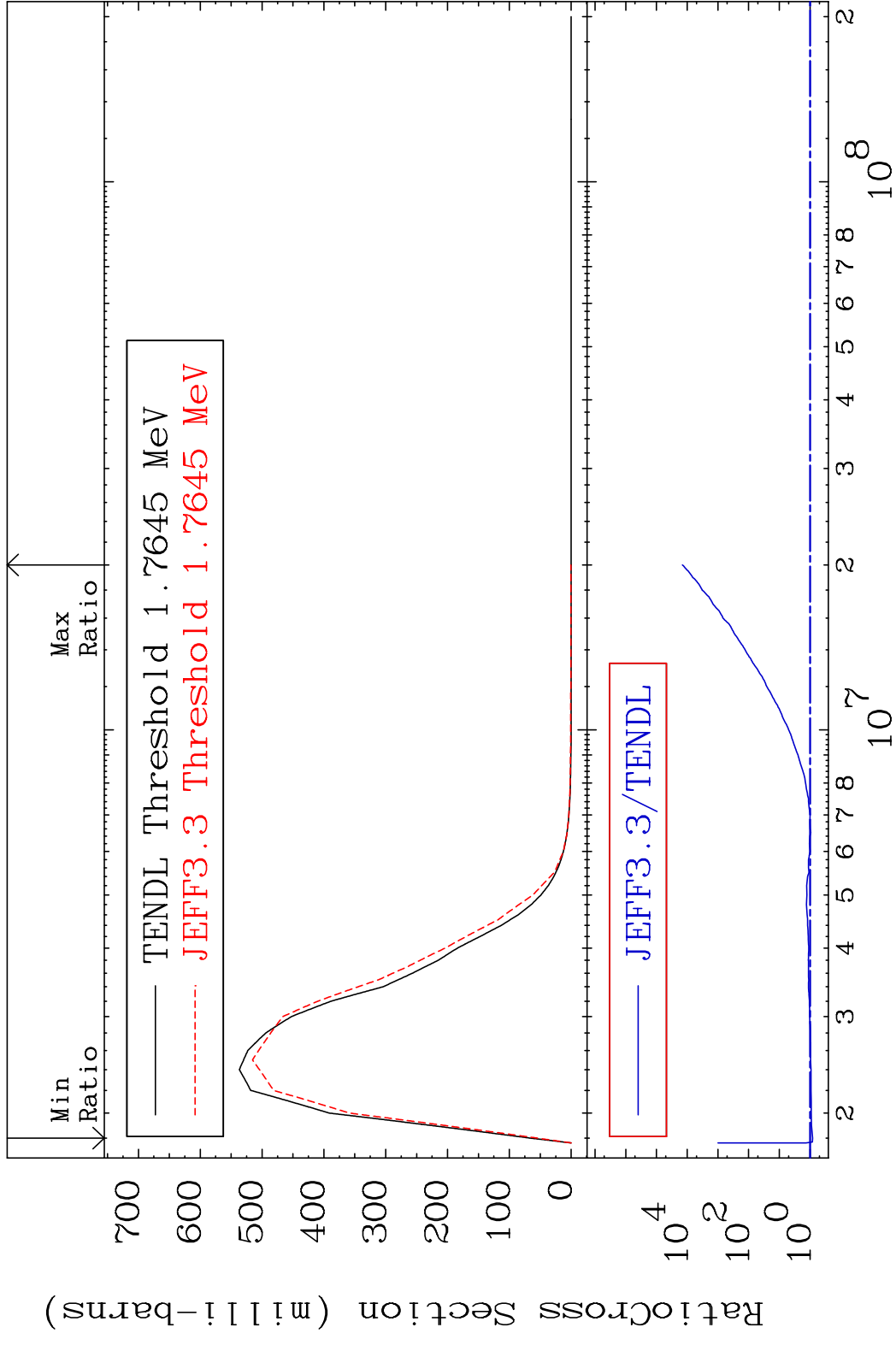


8 Incident Energy (eV) 39-Y -89

MAT 3925 MT= 52 (n, n') Level 39-Y -89  
 Cross Section -26.88 To 294.3 %

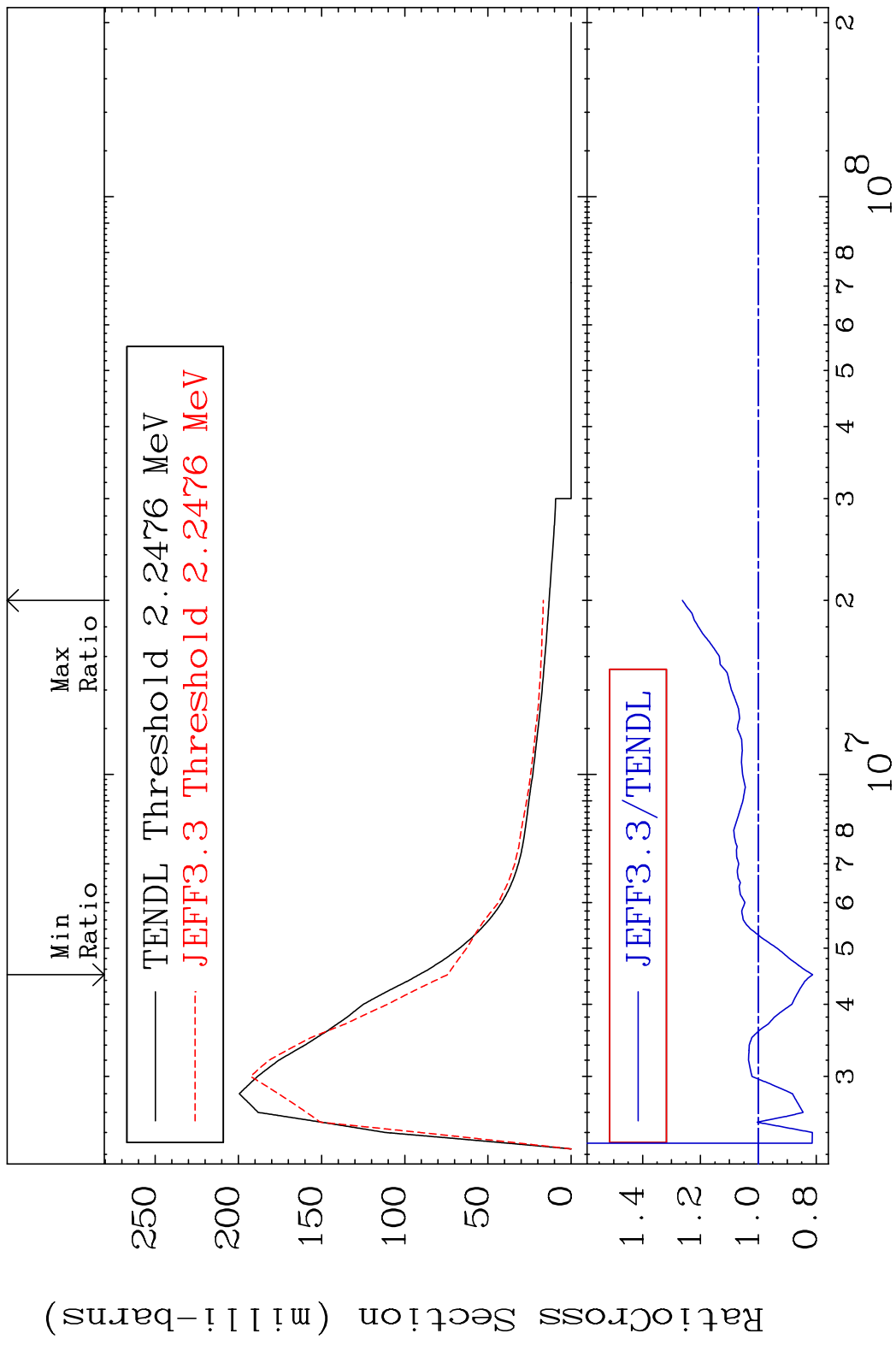


MAT 3925 MT= 53 (n, n') Level 39-Y -89  
 Cross Section -16.85 To 9999. %

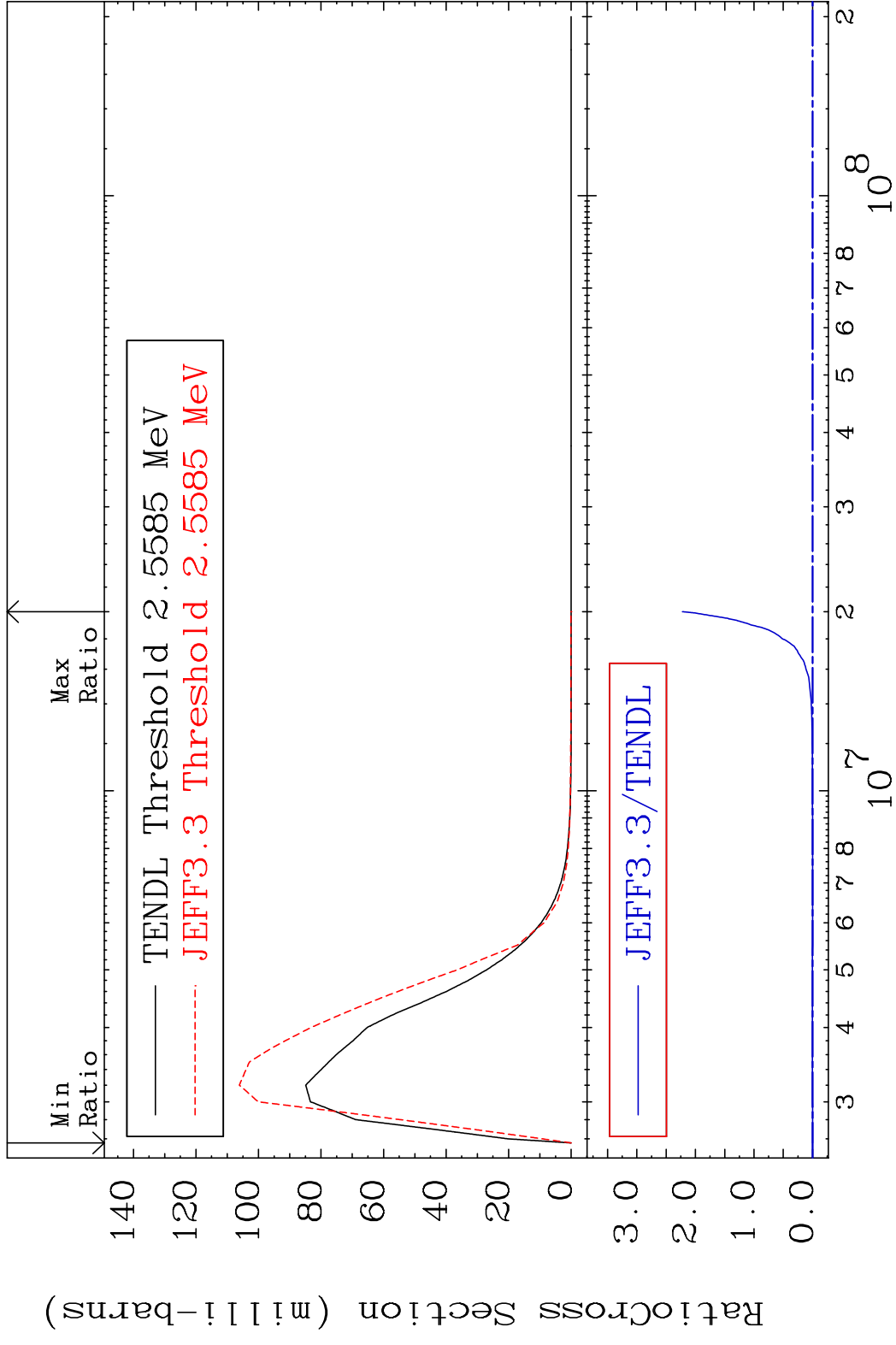


10 Incident Energy (eV) 39-Y -89

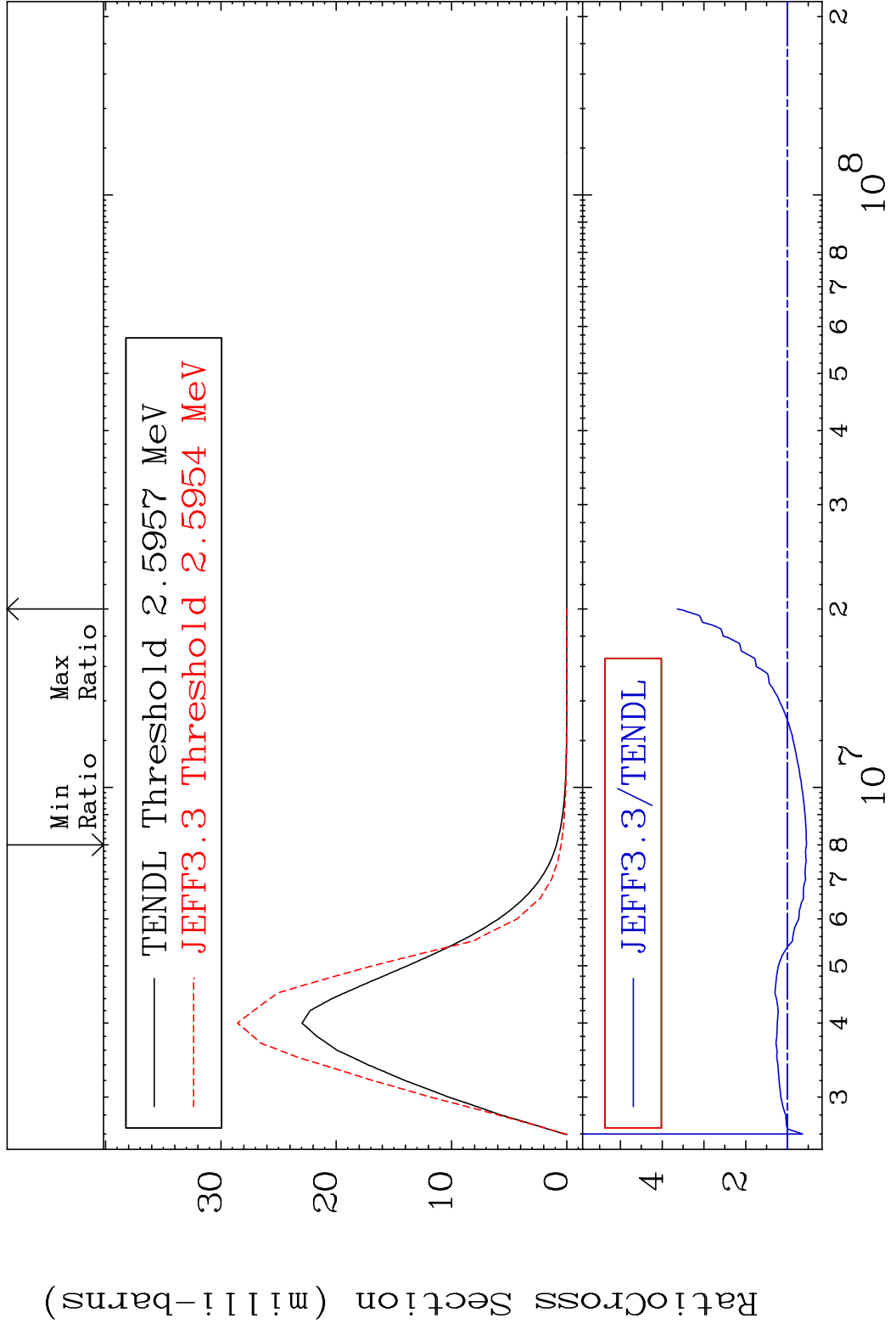
MAT 3925 MT= 54 (n, n') Level 39-Y -89  
 Cross Section -18.75 To 26.26 %



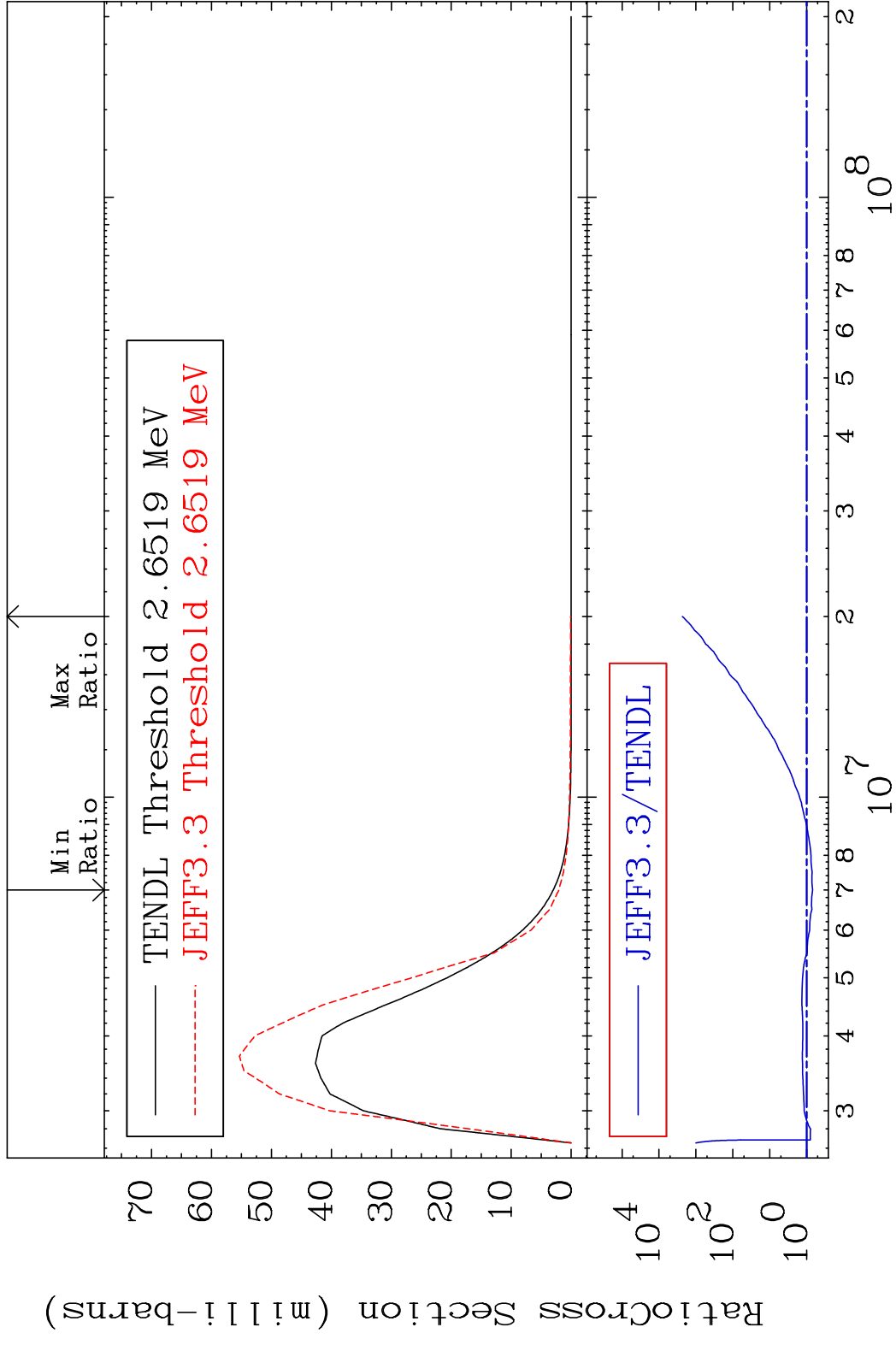
MAT 3925 MT= 55 (n, n') Level 39-Y -89  
 Cross Section -100.0 To 9999. %



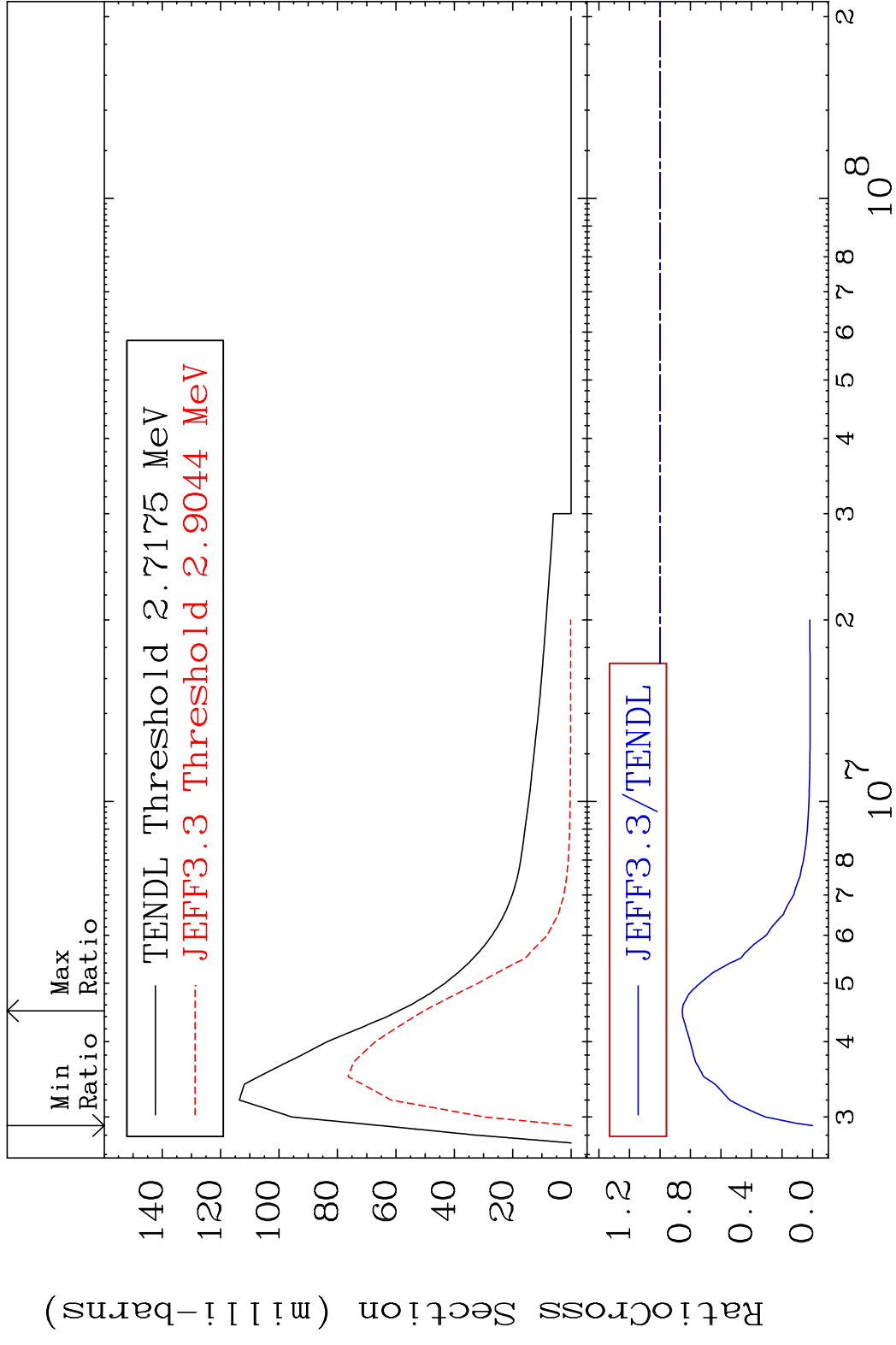
MAT 3925 MT= 56 (n, n') Level 39-Y -89  
 Cross Section -45.42 To 264.1 %



MAT 3925 MT= 57 (n, n') Level 39-Y -89  
 Cross Section -31.05 To 9999. %

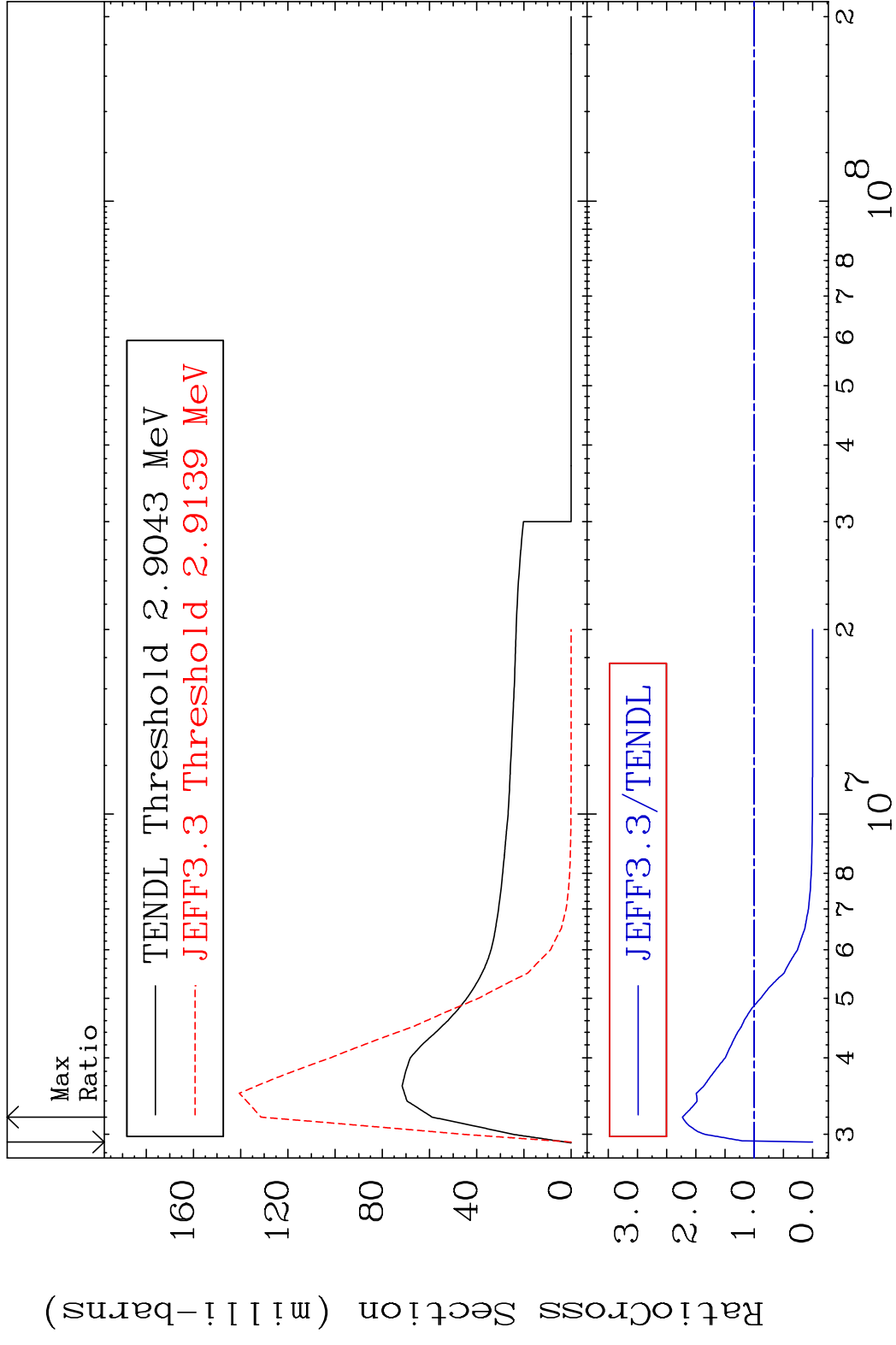


MAT 3925 MT= 58 (n,n') Level 39-Y -89  
 Cross Section -100.0 To -14.67%

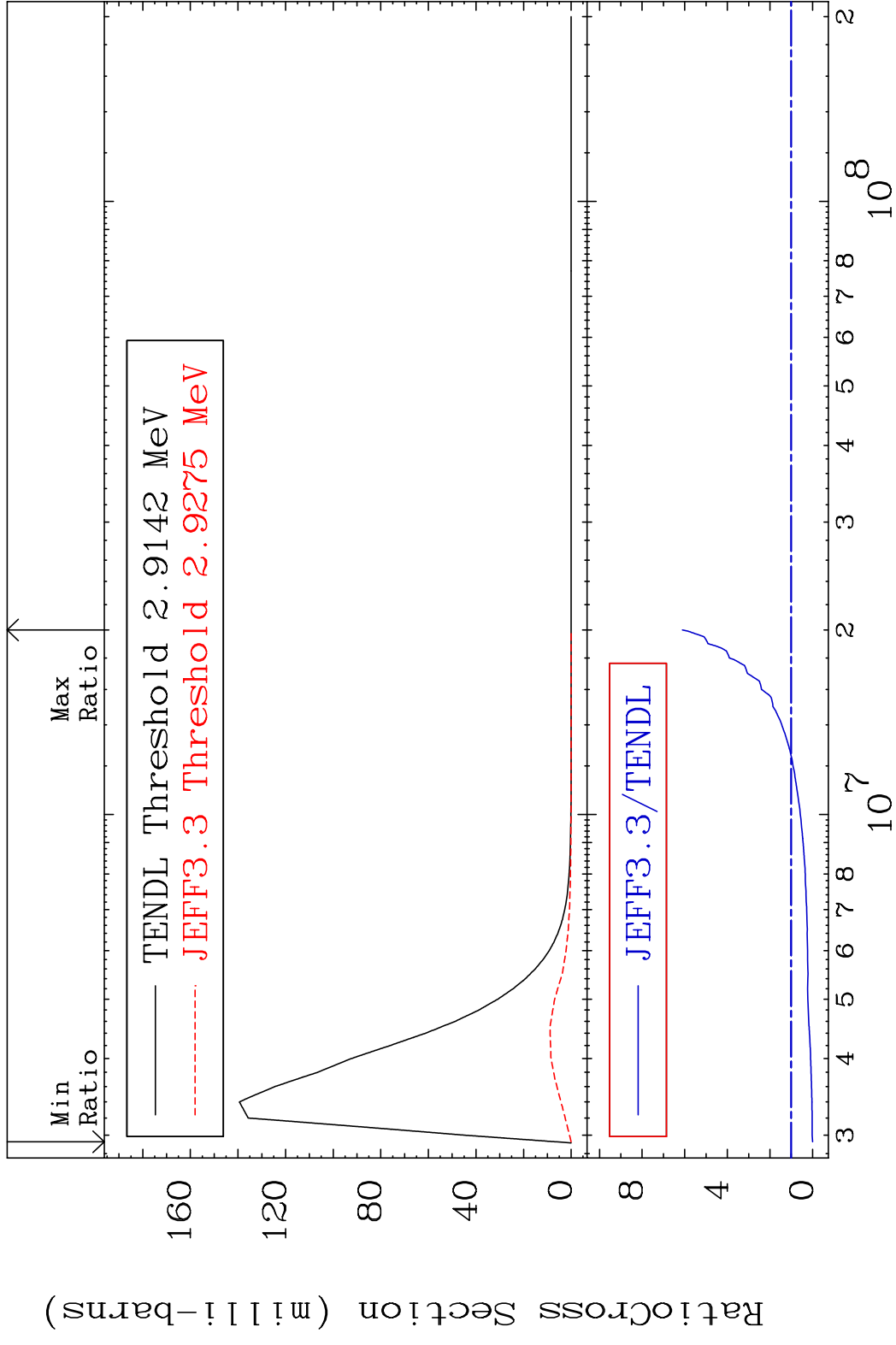




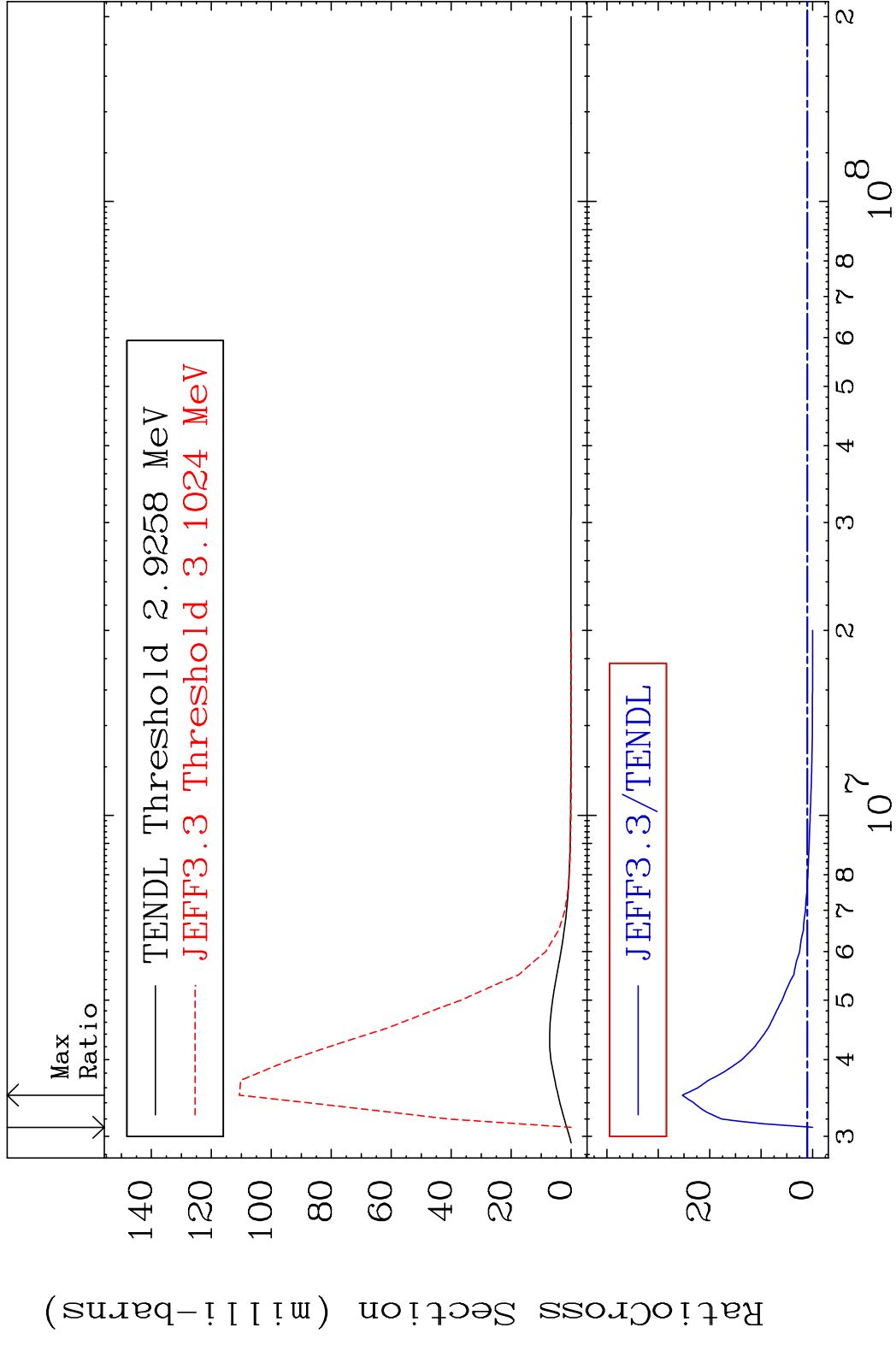
MAT 3925 MT= 59 (n, n') Level 39-Y -89  
 Cross Section -100.0 To 123.0 %



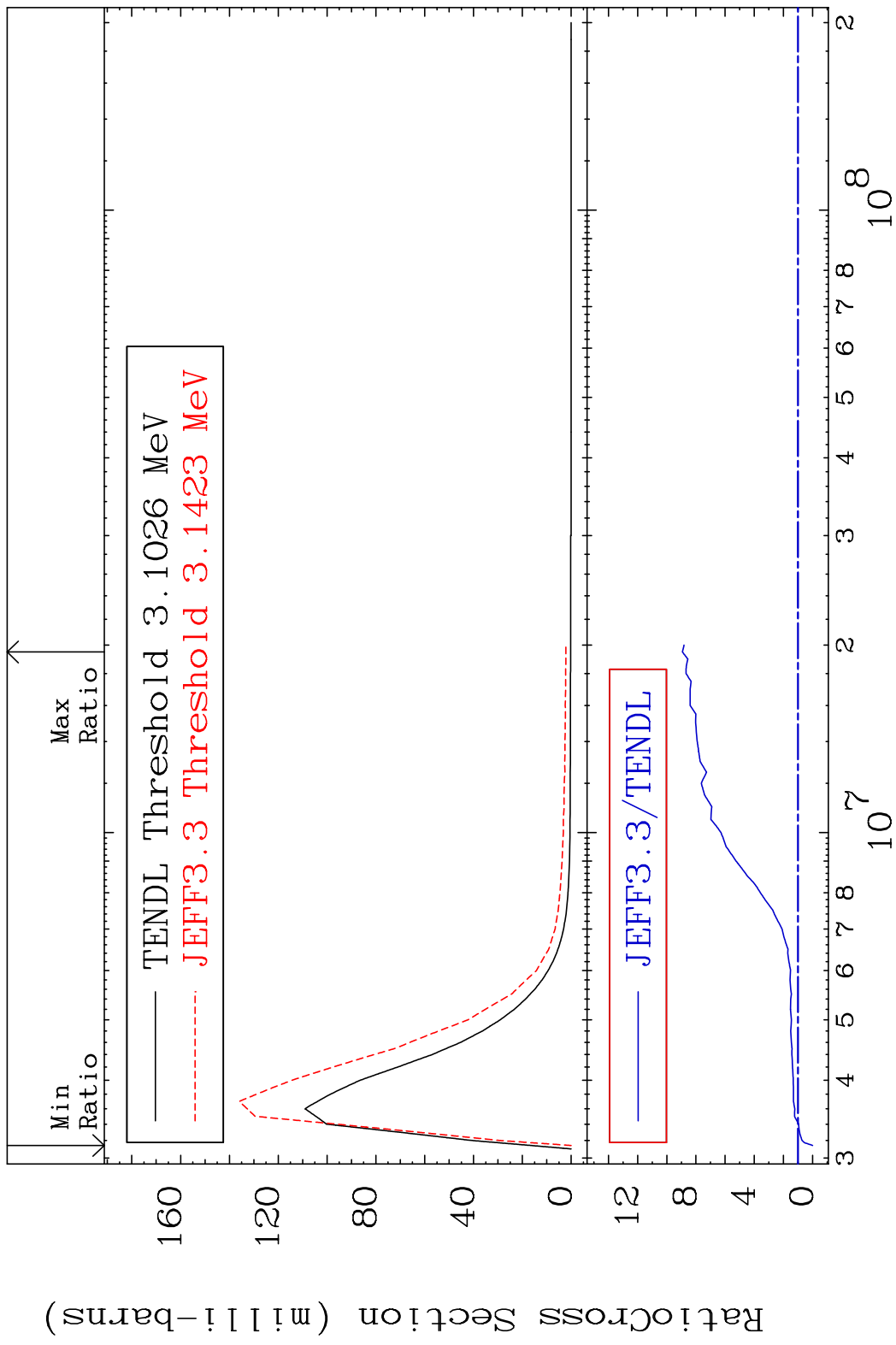
MAT 3925 MT= 60 (n, n') Level 39-Y -89  
 Cross Section -100.0 To 511.1 %



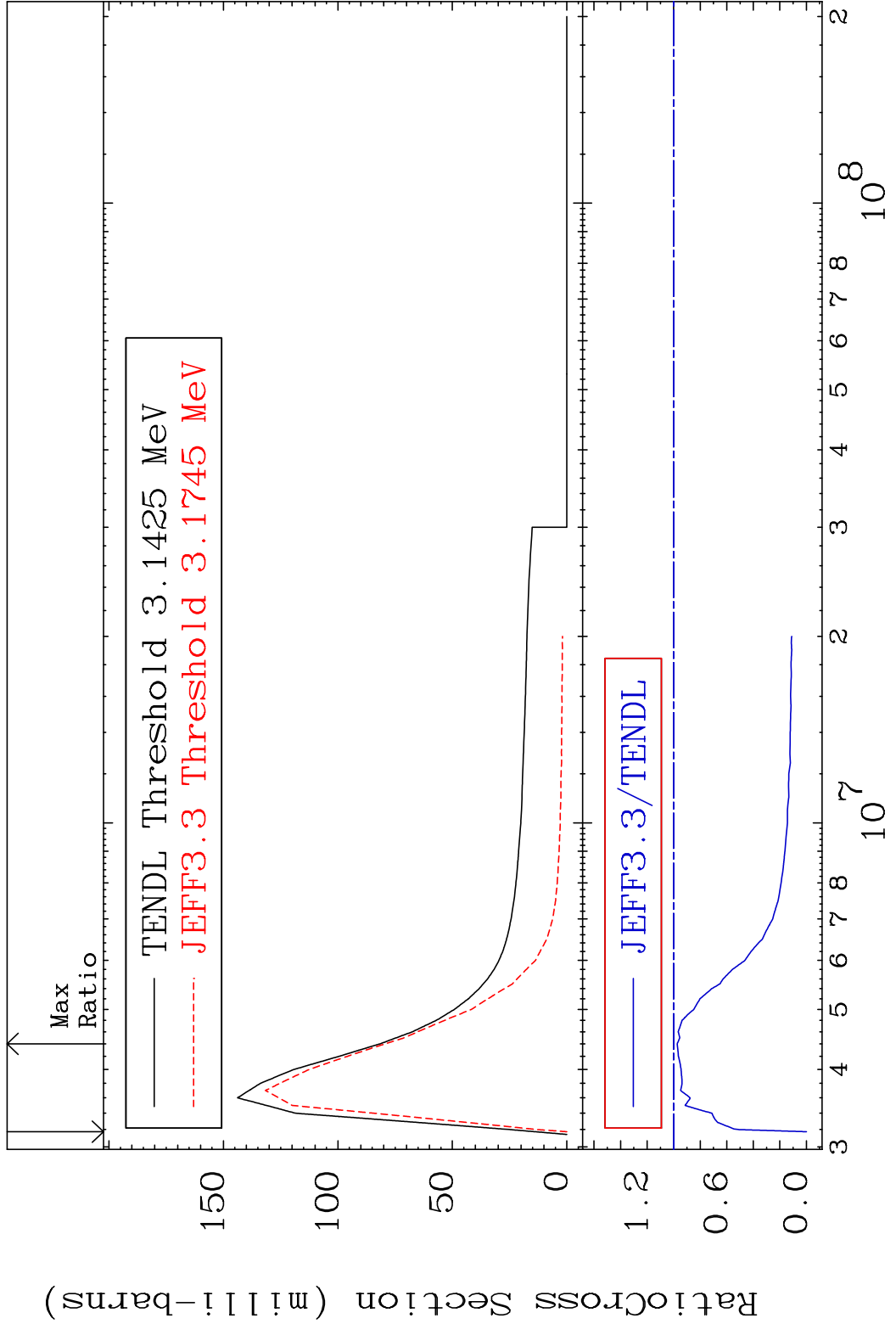
MAT 3925 MT= 61 (n,n') Level 39-Y -89  
 Cross Section -100.0 To 2432. %



MAT 3925 MT= 62 (n, n') Level 39-Y -89  
 Cross Section -100.0 To 793.3 %

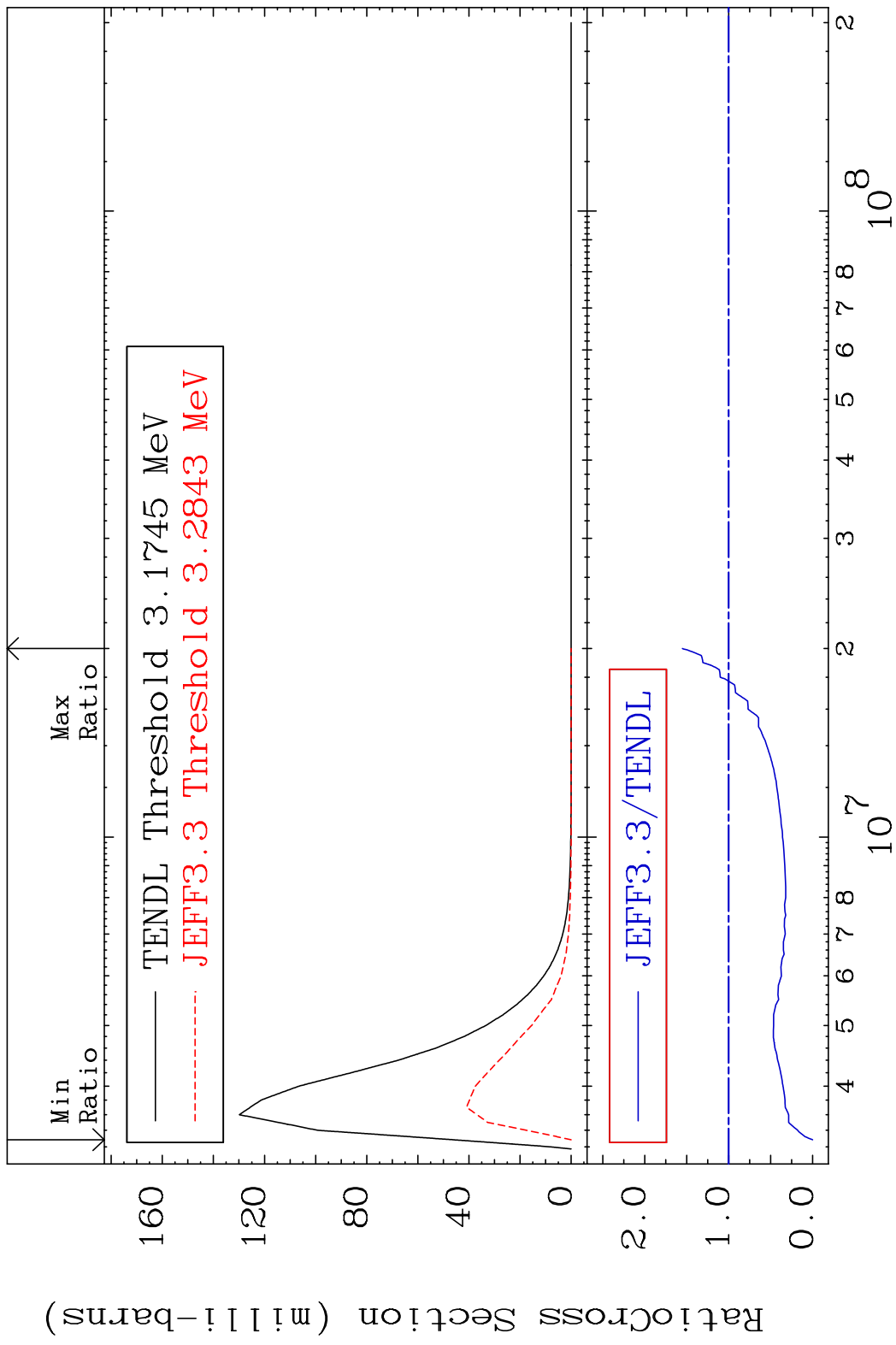


MAT 3925 MT= 63 (n, n') Level 39-Y -89  
 Cross Section -100.0 To -2.643%

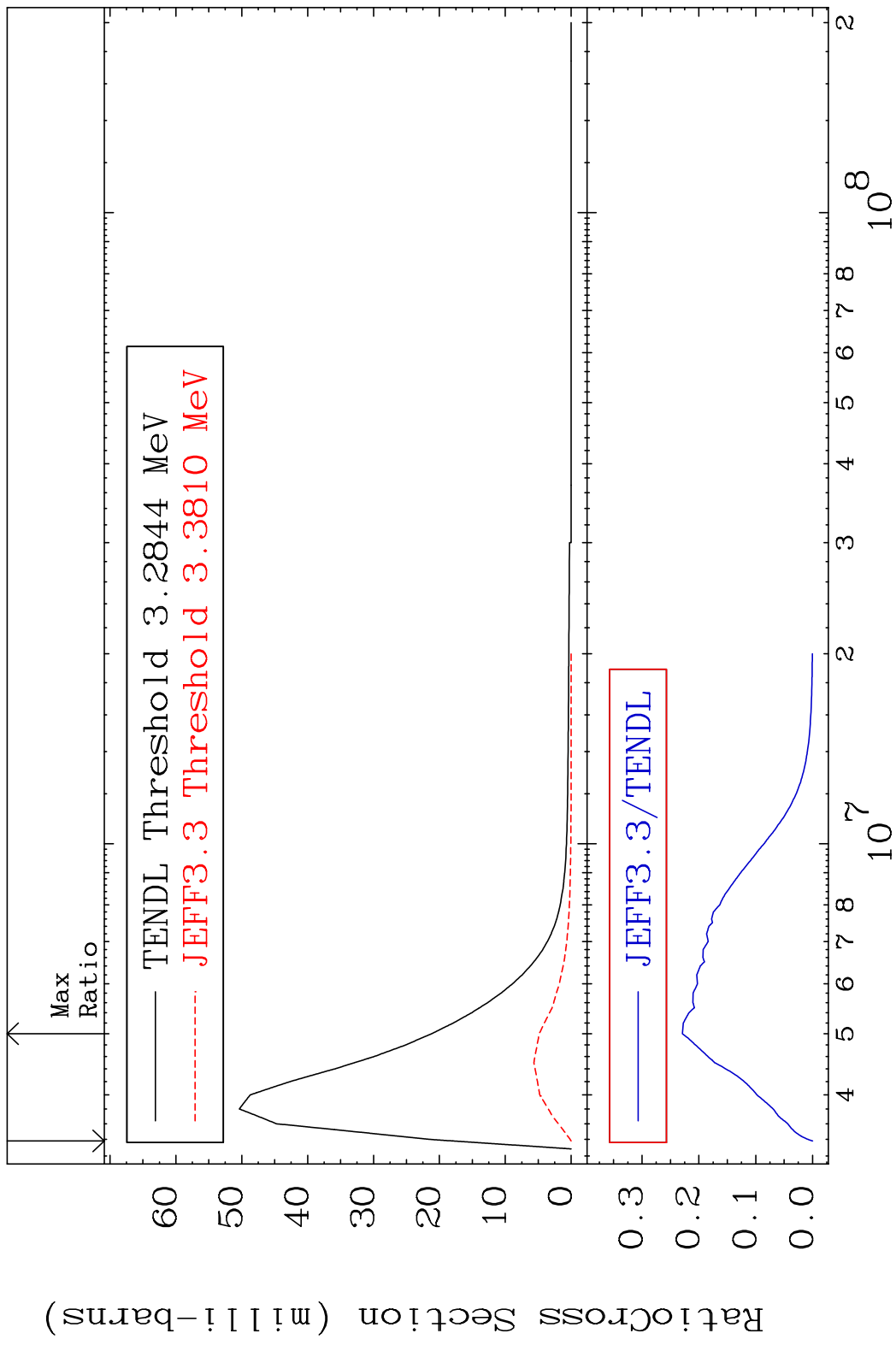


20 Incident Energy (eV) 39-Y -89

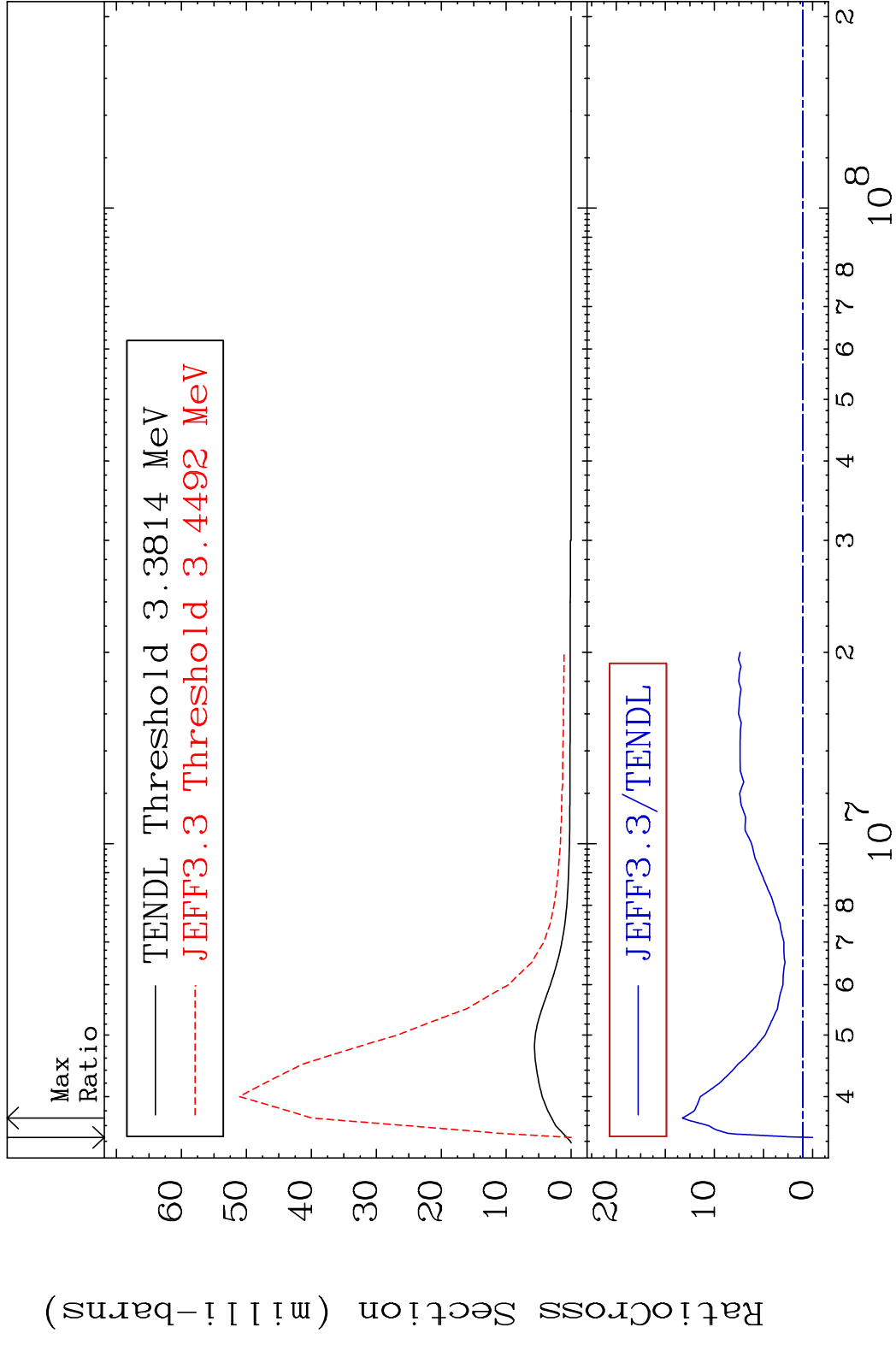
MAT 3925 MT= 64 (n, n') Level 39-Y -89  
 Cross Section -100.0 To 55.13 %



MAT 3925 MT= 65 (n,n') Level 39-Y -89  
 Cross Section -100.0 To -77.10%

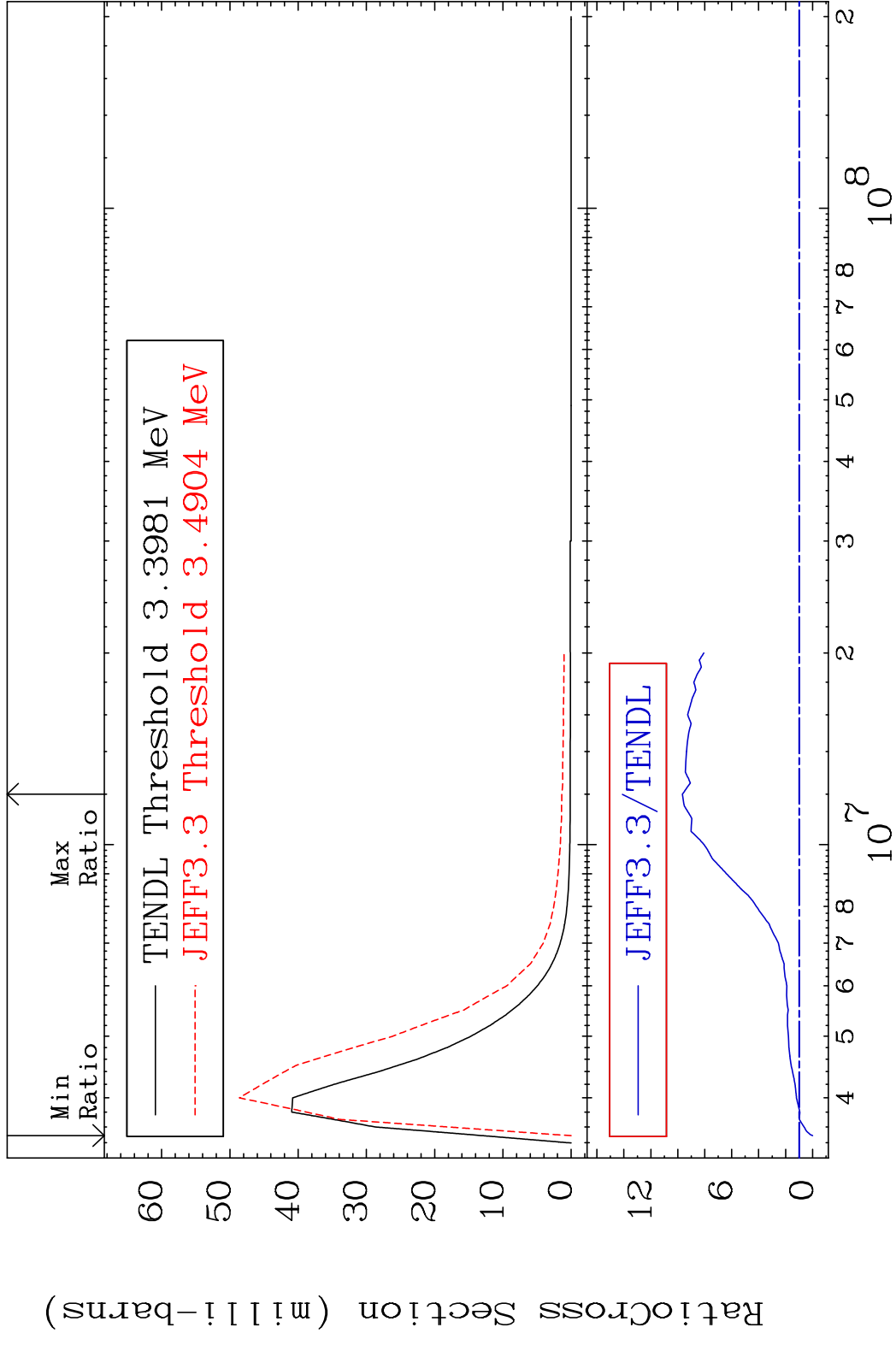


MAT 3925      MT= 66 (n,n') Level      39-Y -89  
 Cross Section    -100.0 To 1226. %

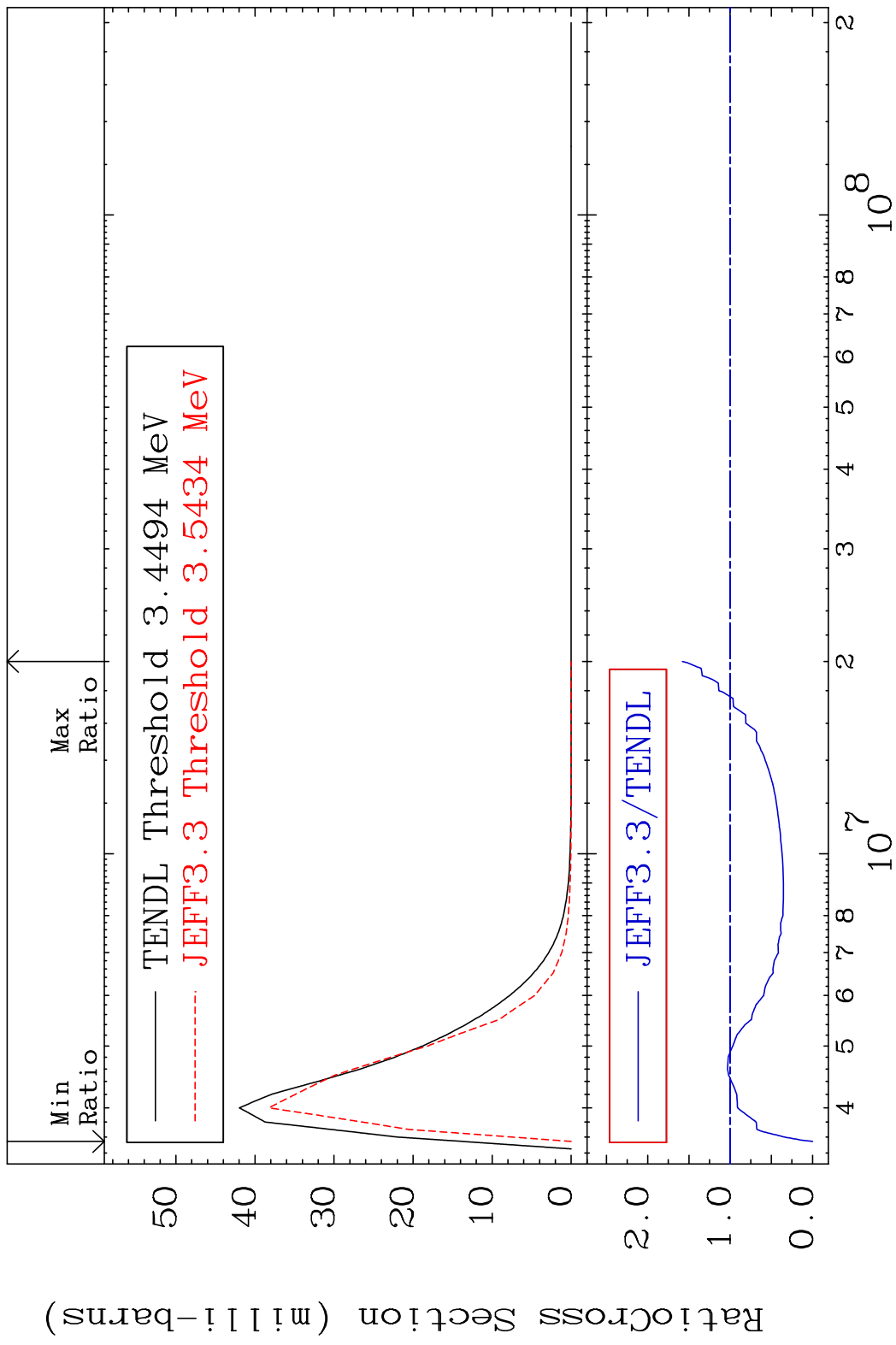




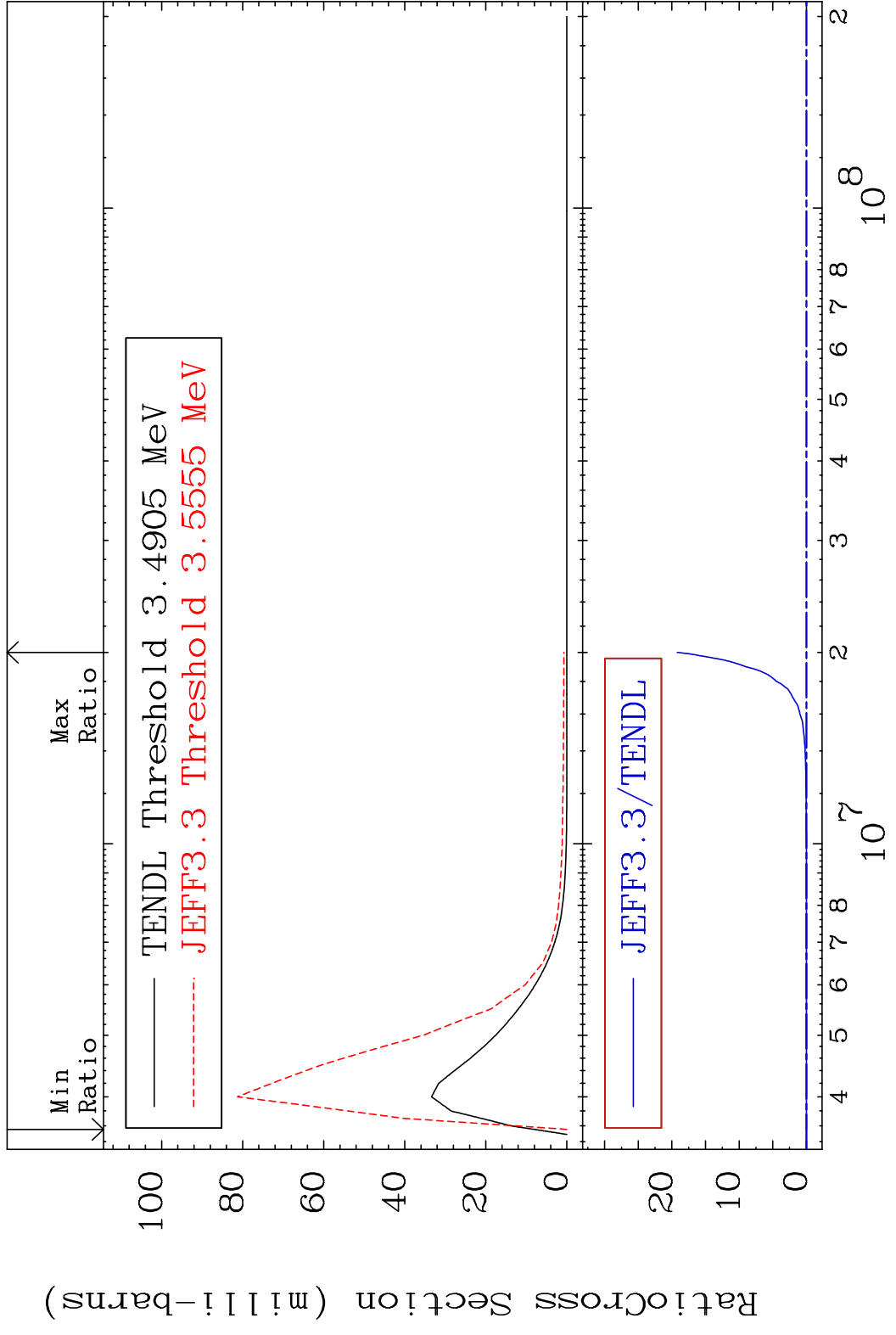
MAT 3925 MT= 67 (n, n') Level 39-Y -89  
 Cross Section -100.0 To 866.2 %



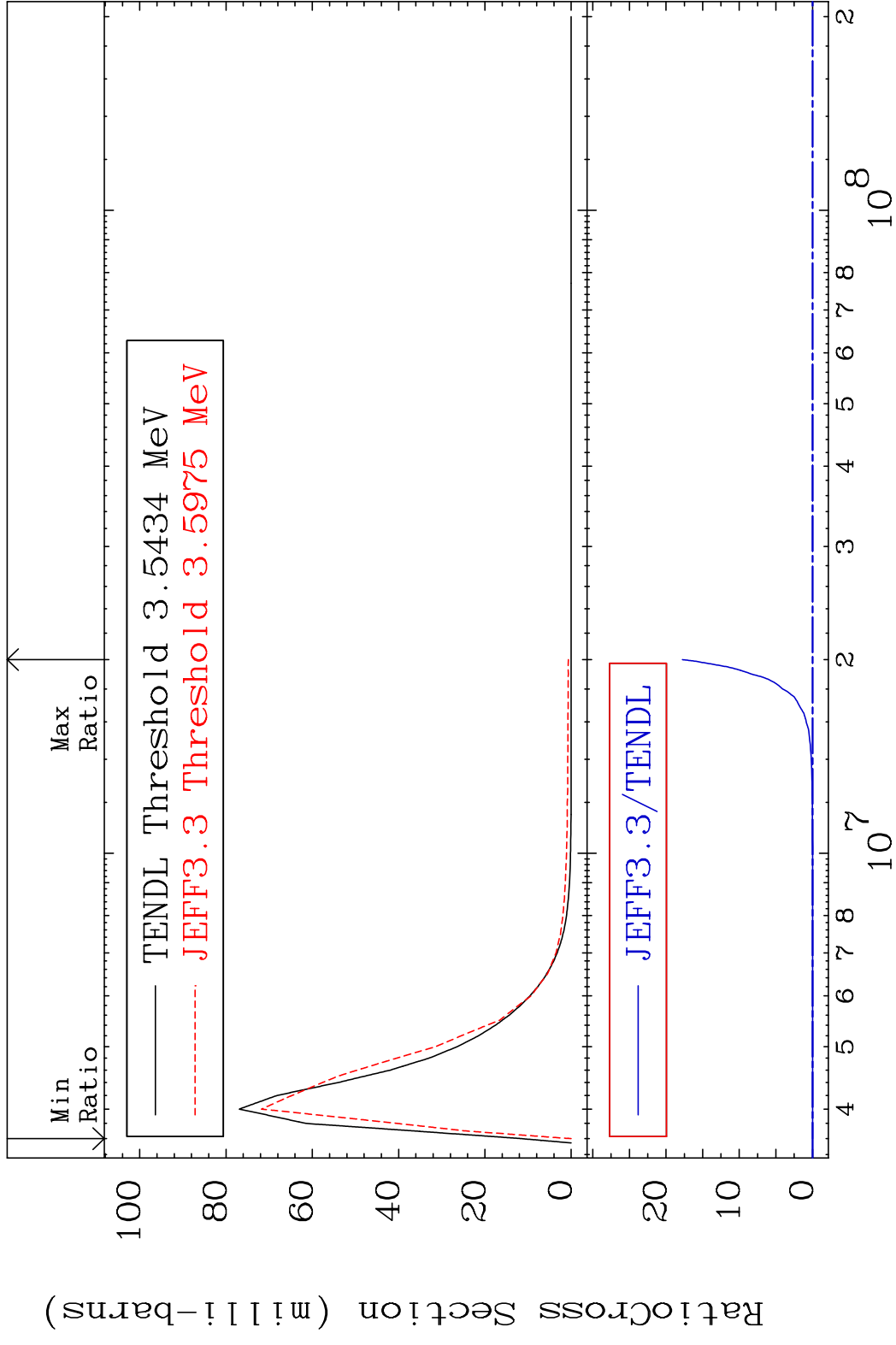
MAT 3925 MT= 68 (n,n') Level 39-Y -89  
 Cross Section -100.0 To 58.00 %



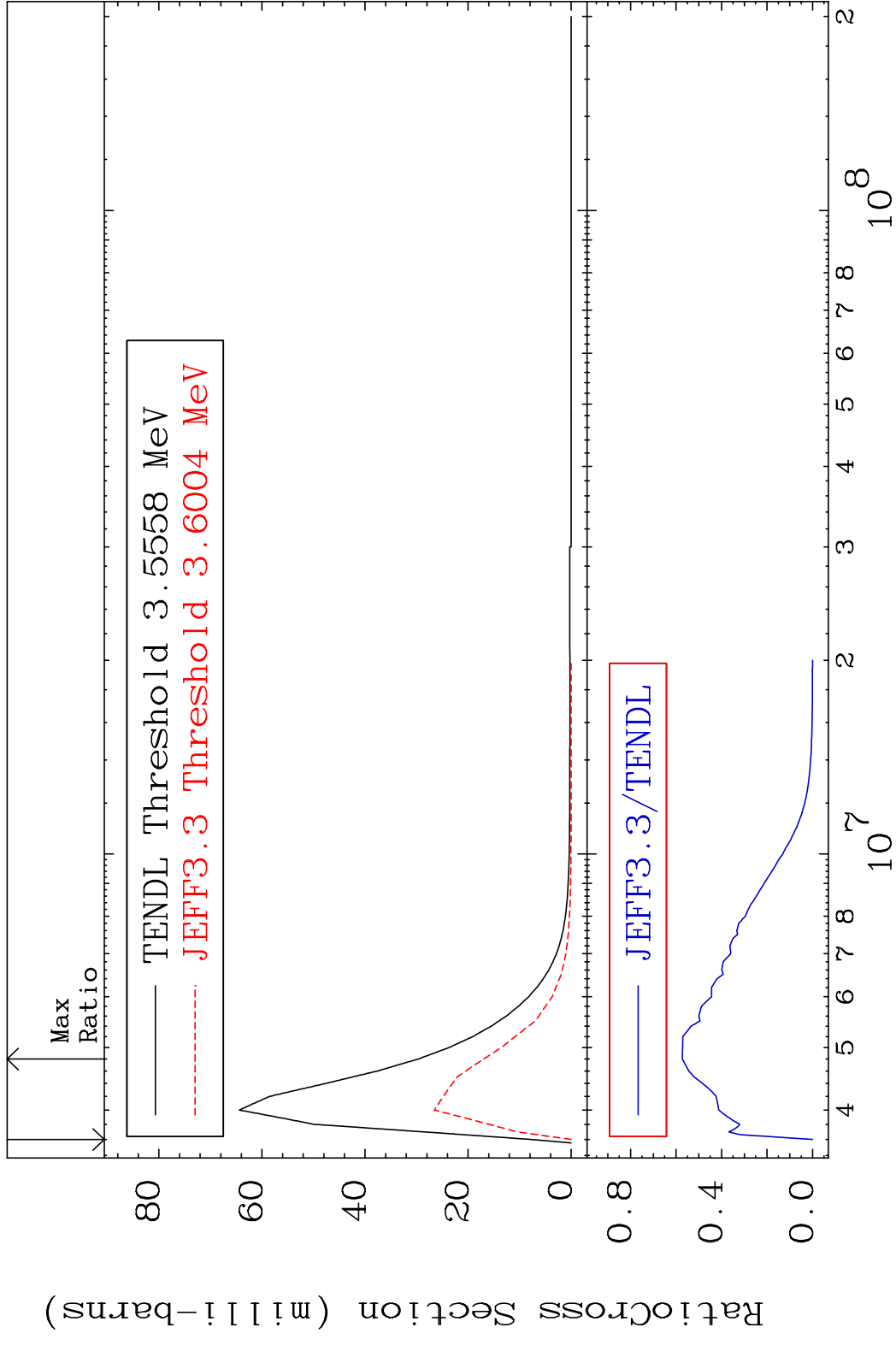
MAT 3925 MT= 69 (n, n') Level 39-Y -89  
 Cross Section -100.0 To 9999. %



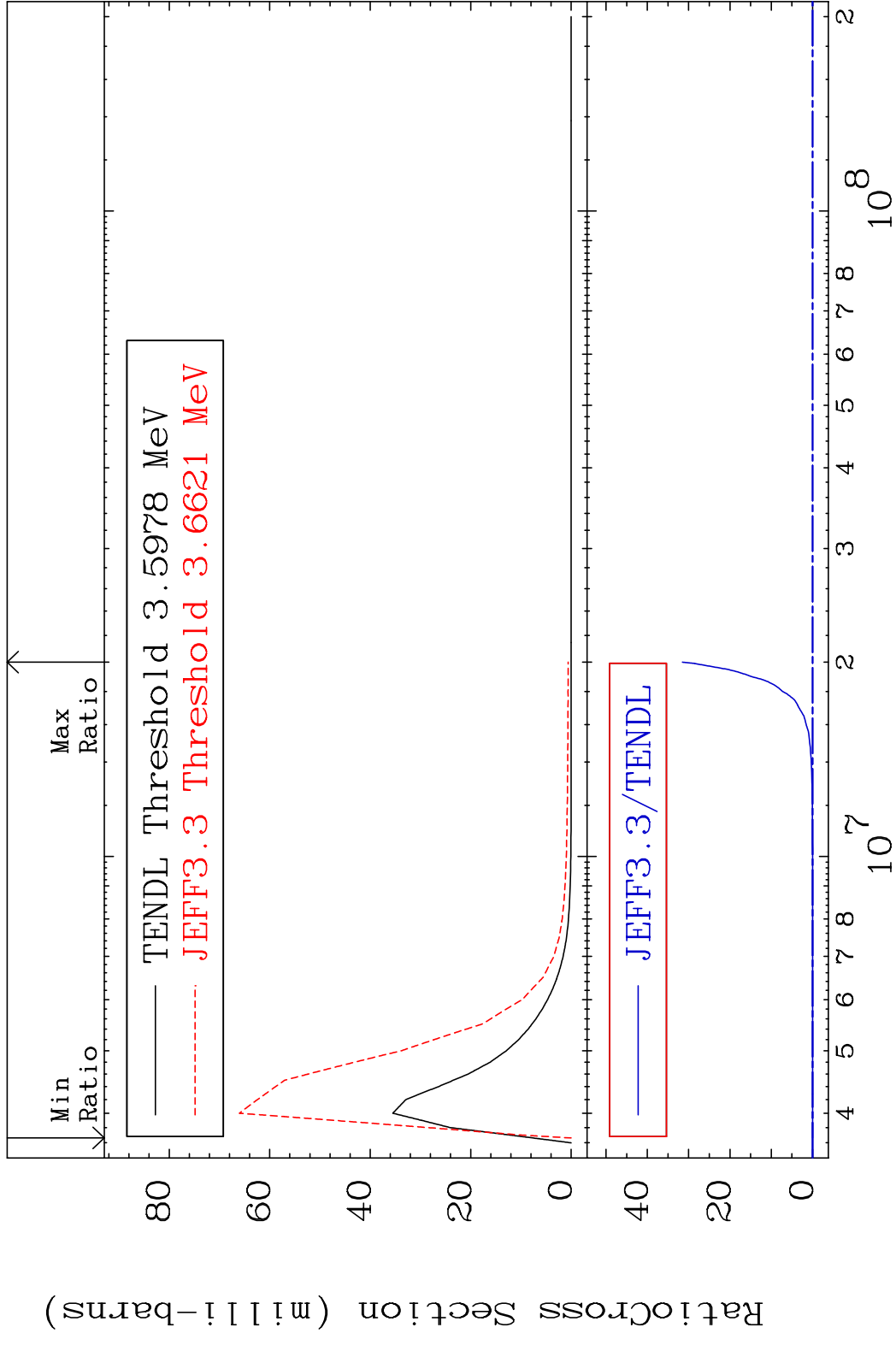
MAT 3925 MT= 70 (n, n') Level 39-Y -89  
 Cross Section -100.0 To 9999. %



MAT 3925 MT= 71 (n,n') Level 39-Y -89  
 Cross Section -100.0 To -42.76%

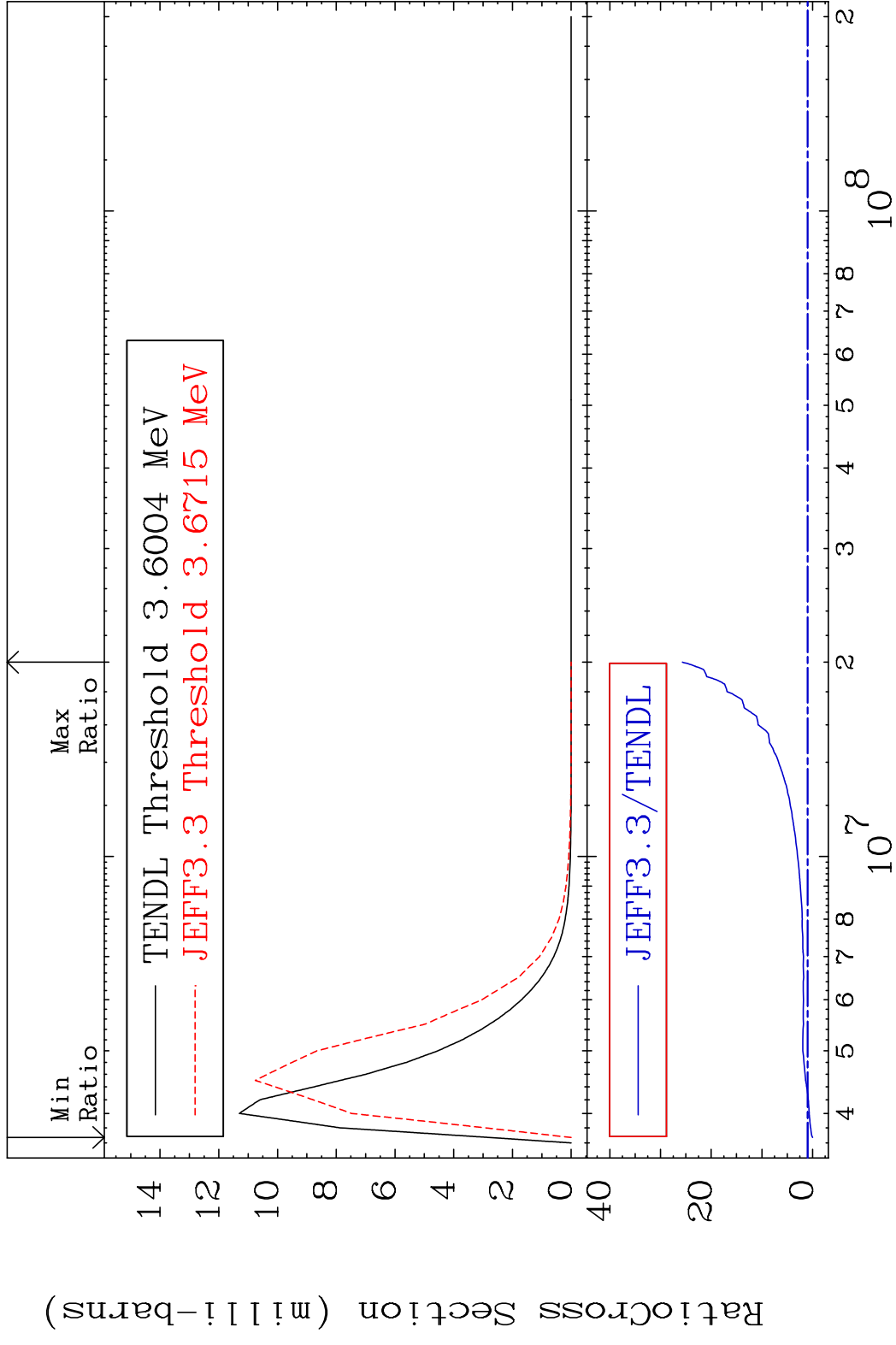


MAT 3925 MT= 72 (n, n') Level 39-Y -89  
 Cross Section -100.0 To 9999. %



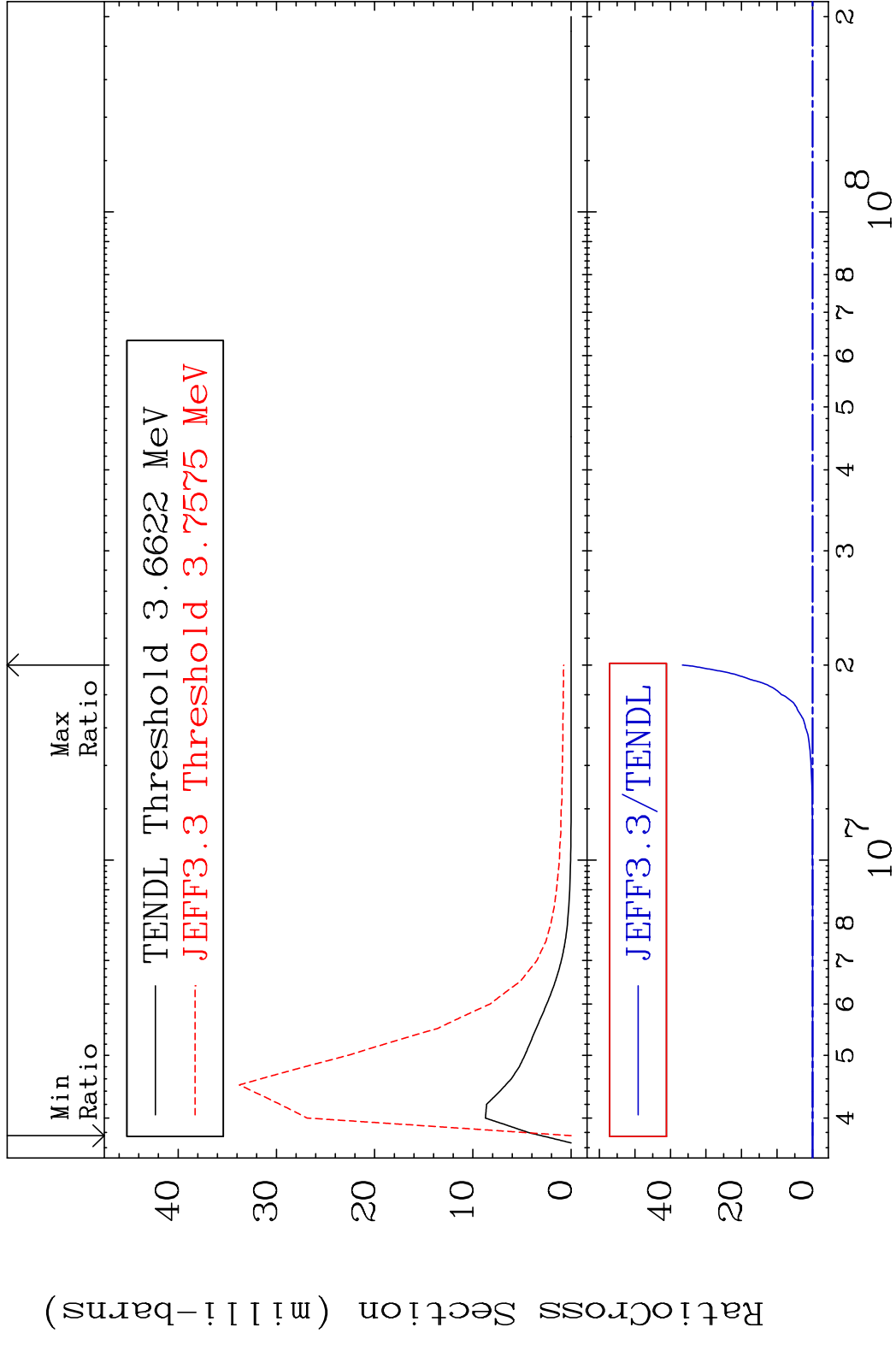
29 Incident Energy (eV) 39-Y -89

MAT 3925 MT= 73 (n, n') Level 39-Y -89  
 Cross Section -100.0 To 2469. %



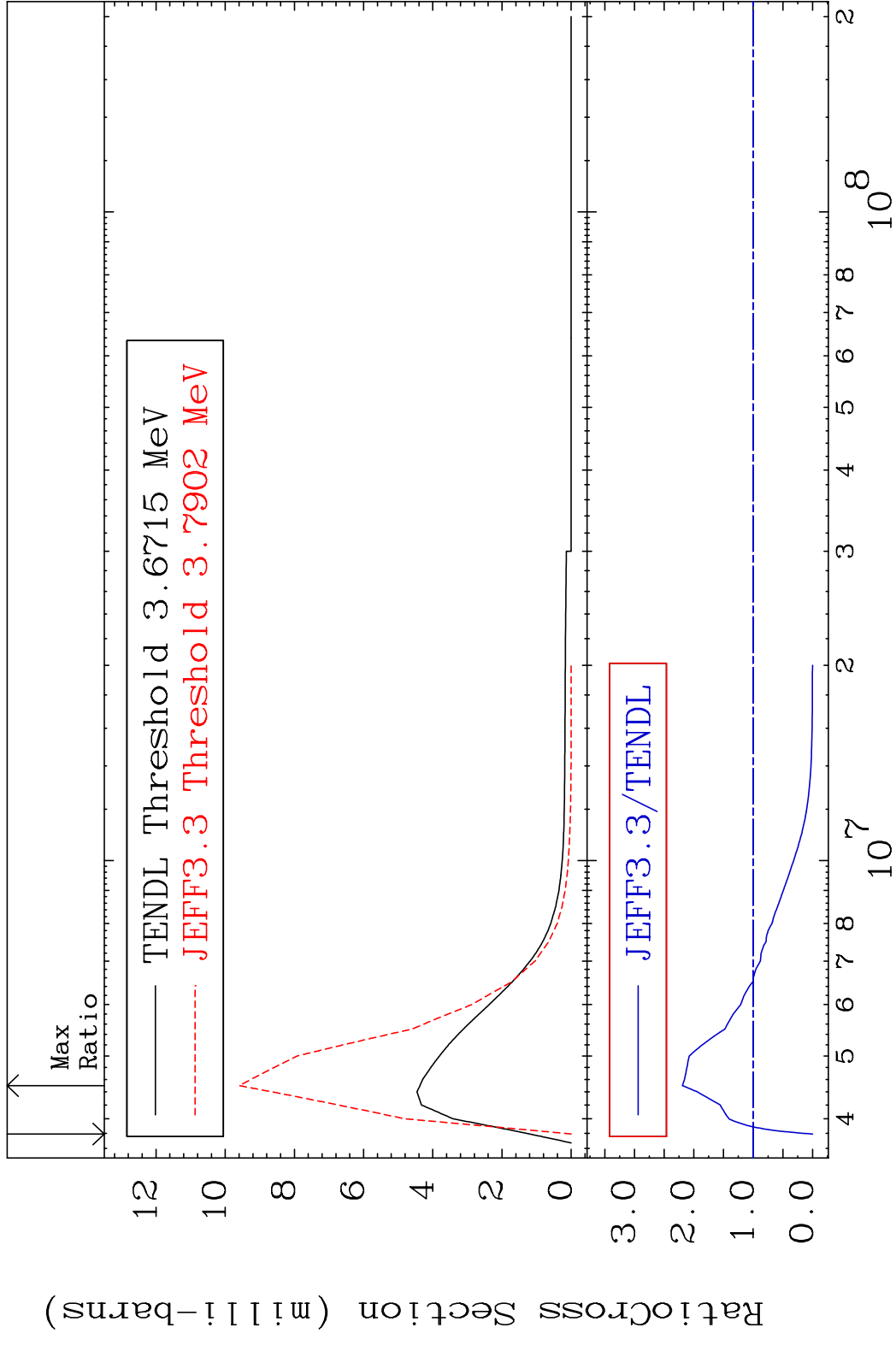
30 Incident Energy (eV) 39-Y -89

MAT 3925 MT= 74 (n, n') Level 39-Y -89  
 Cross Section -100.0 To 9999. %

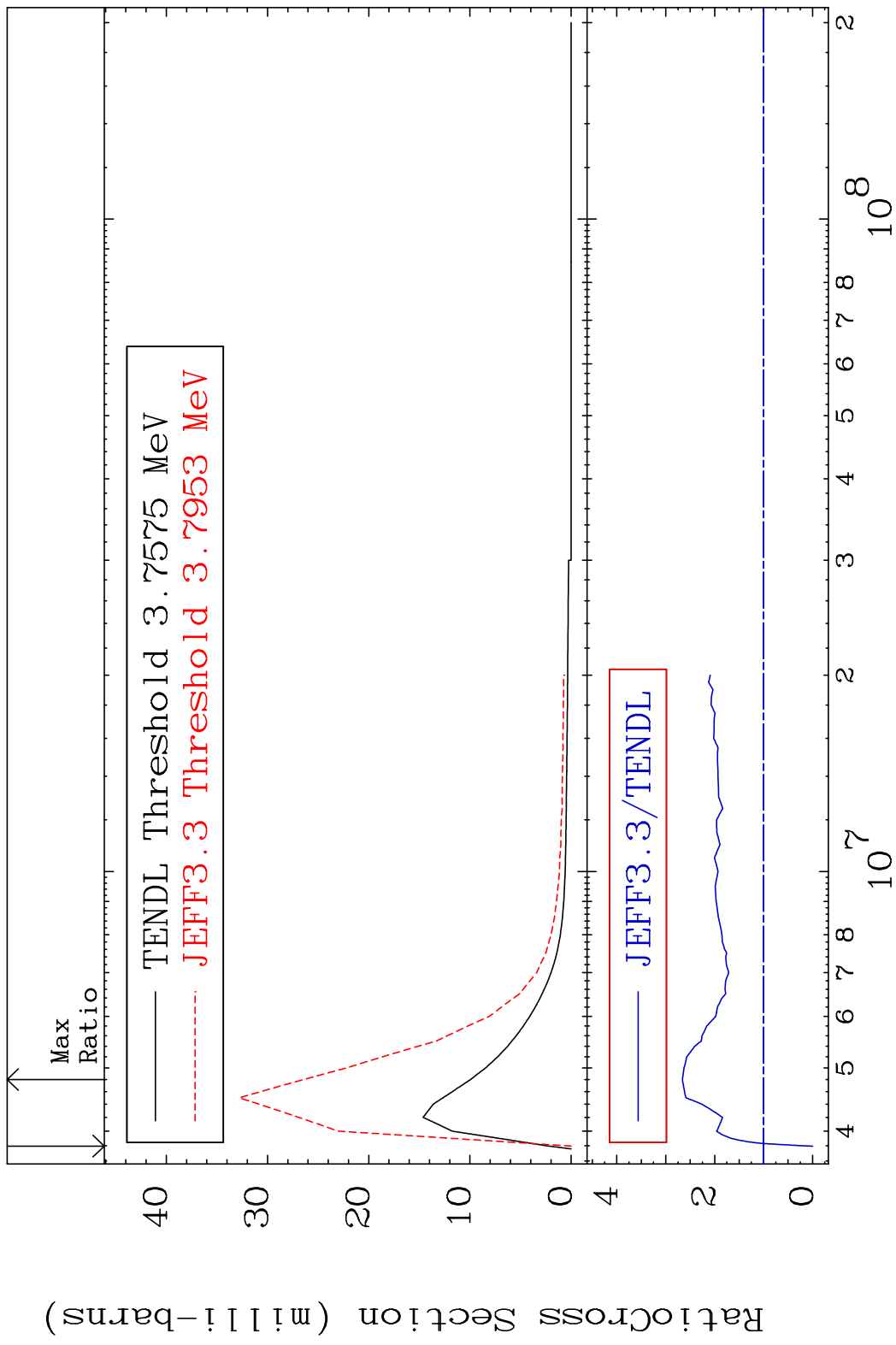




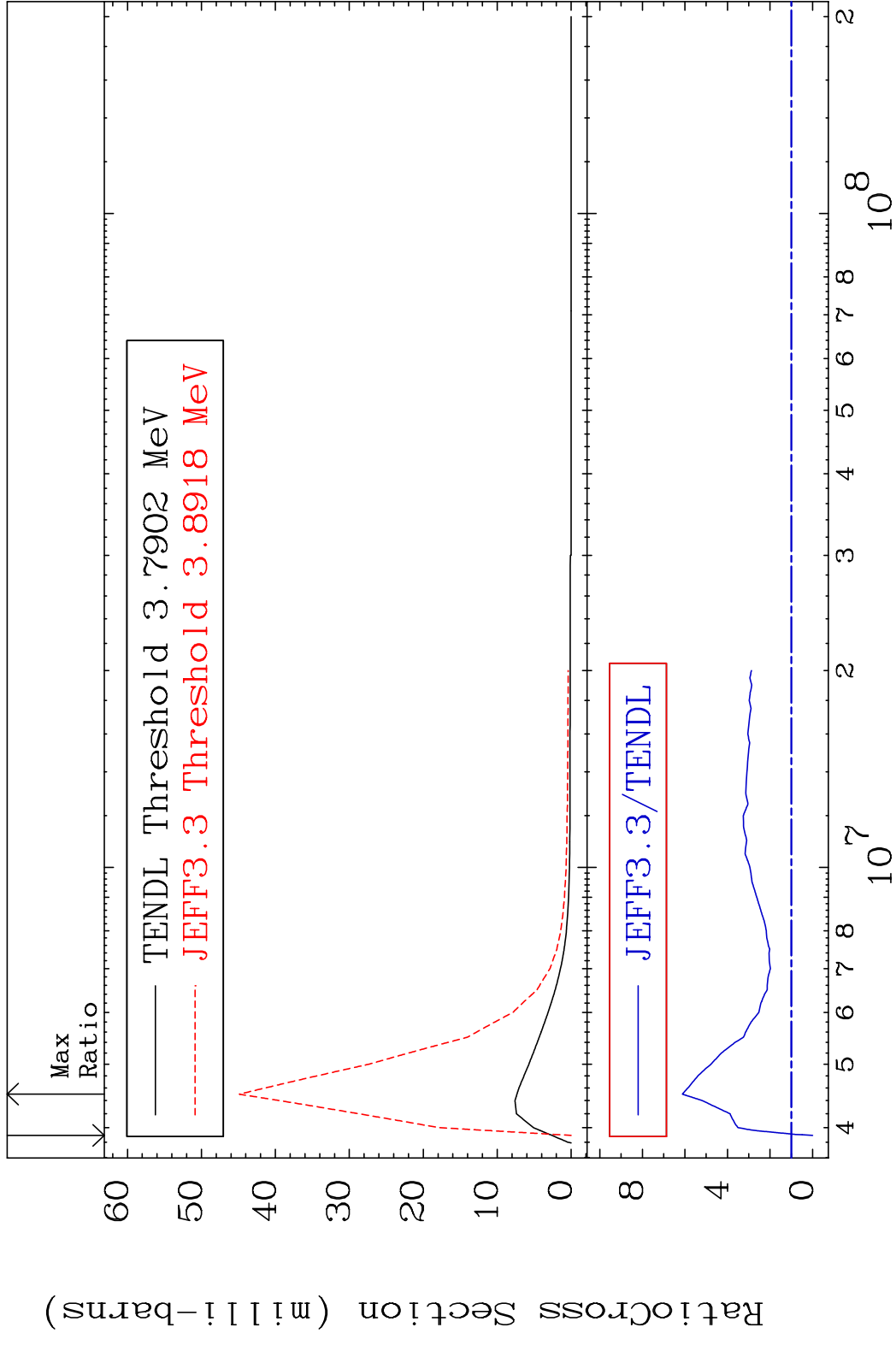
MAT 3925 MT= 75 (n,n') Level 39-Y -89  
 Cross Section -100.0 To 119.3 %



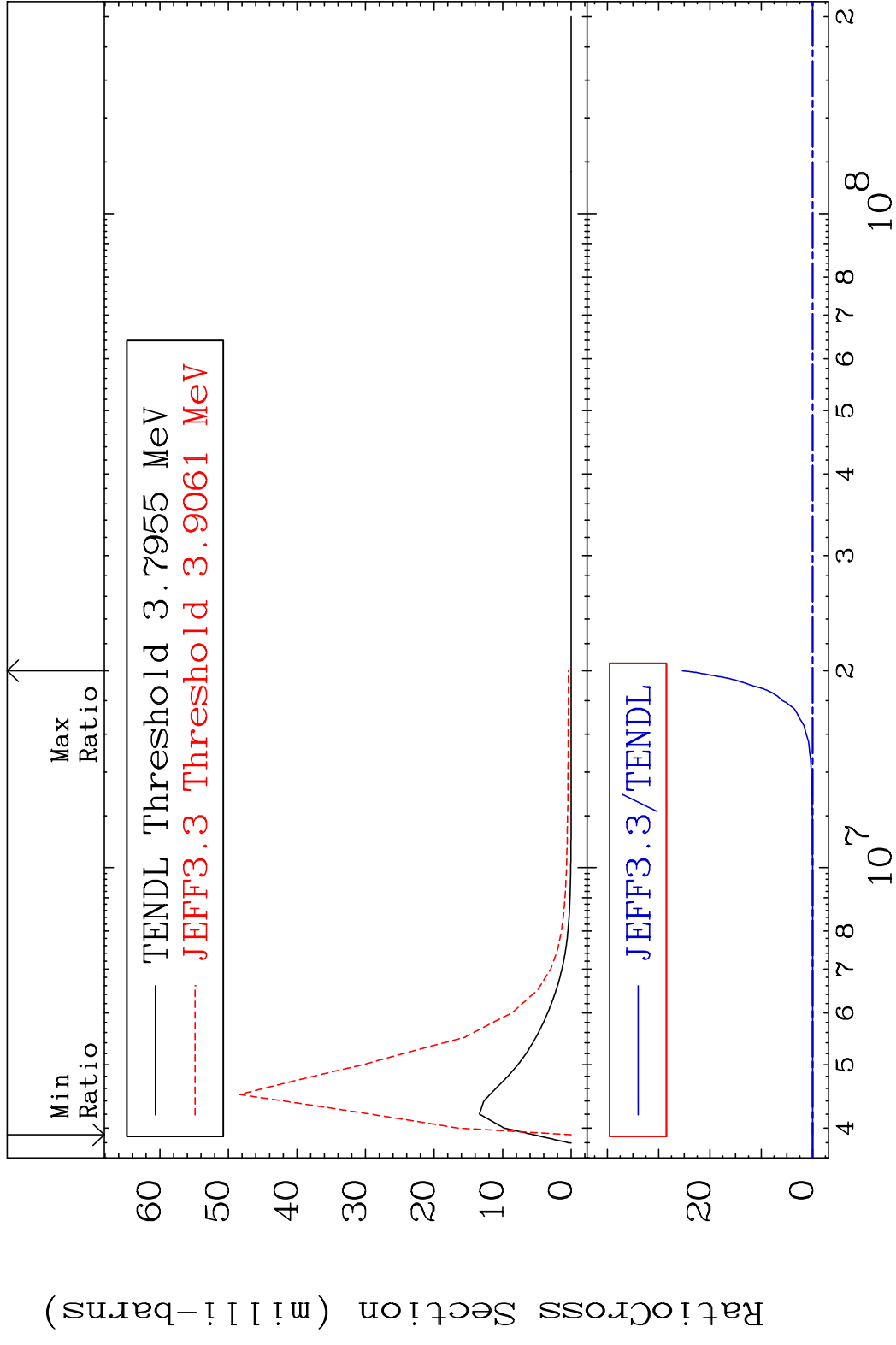
MAT 3925 MT= 76 (n, n') Level 39-Y -89  
 Cross Section -100.0 To 166.0 %



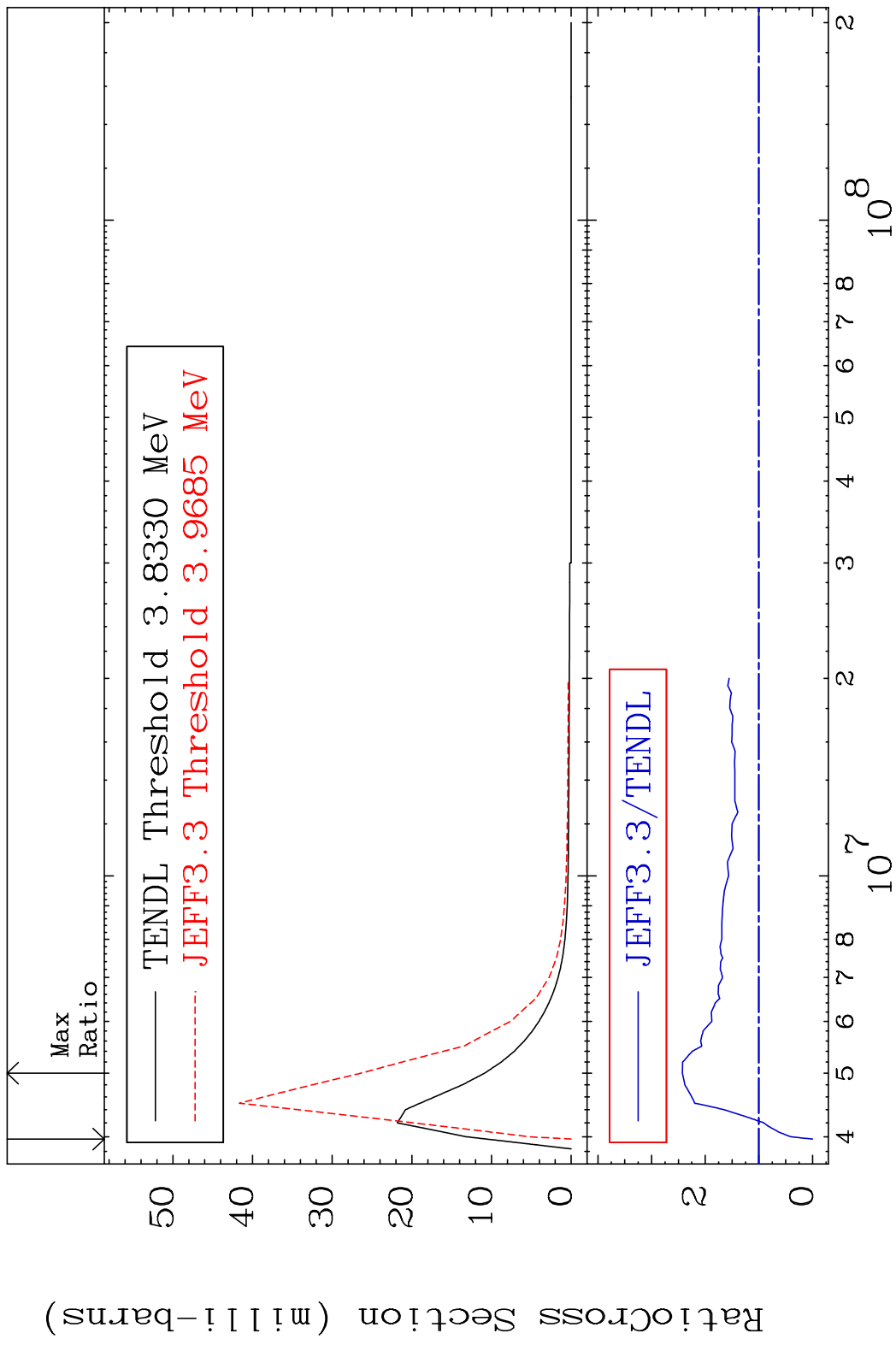
MAT 3925      MT= 77 (n,n') Level      39-Y -89  
 Cross Section    -100.0 To 512.1 %



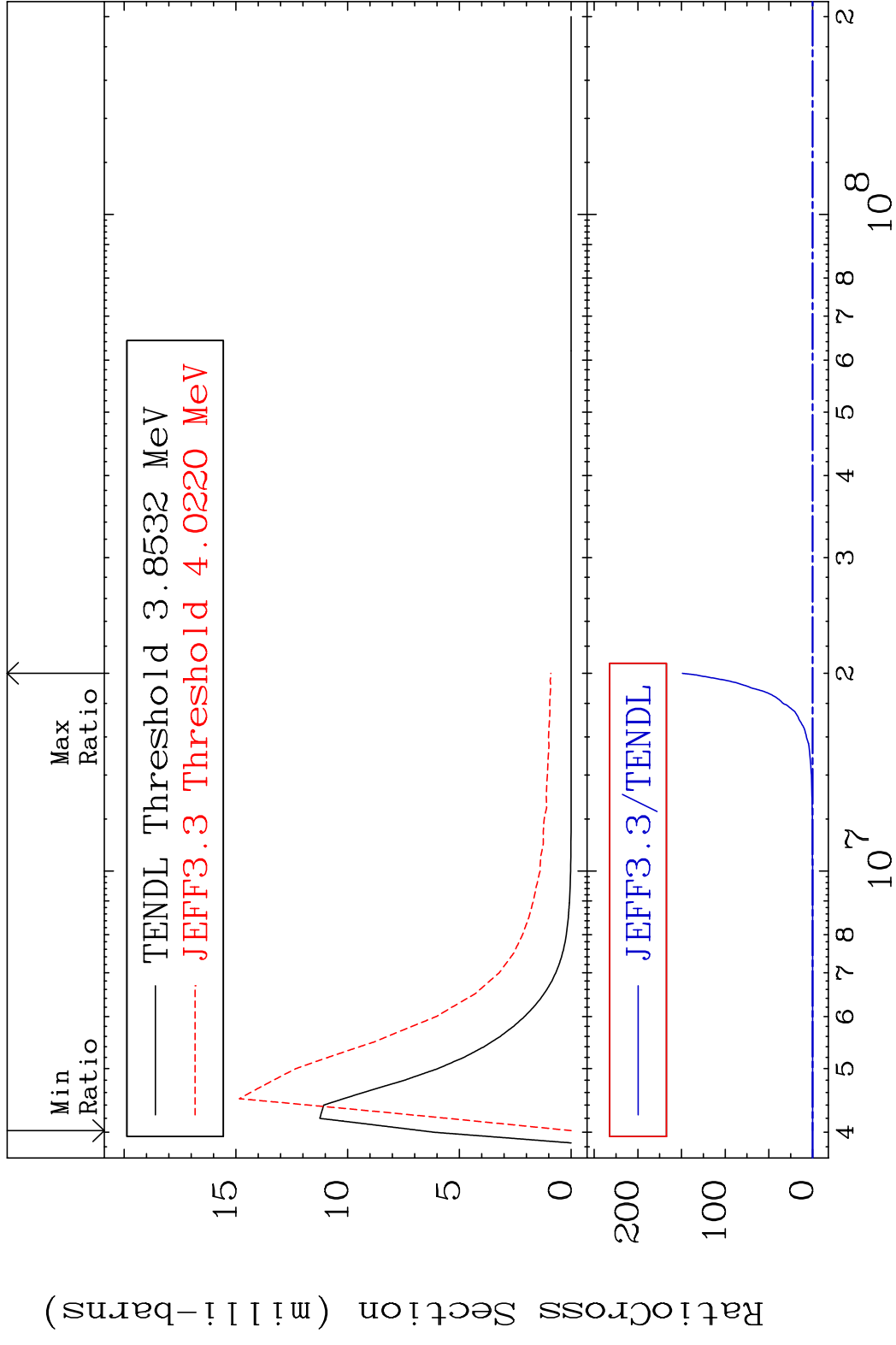
MAT 3925 MT= 78 (n, n') Level 39-Y -89  
 Cross Section -100.0 To 9999. %



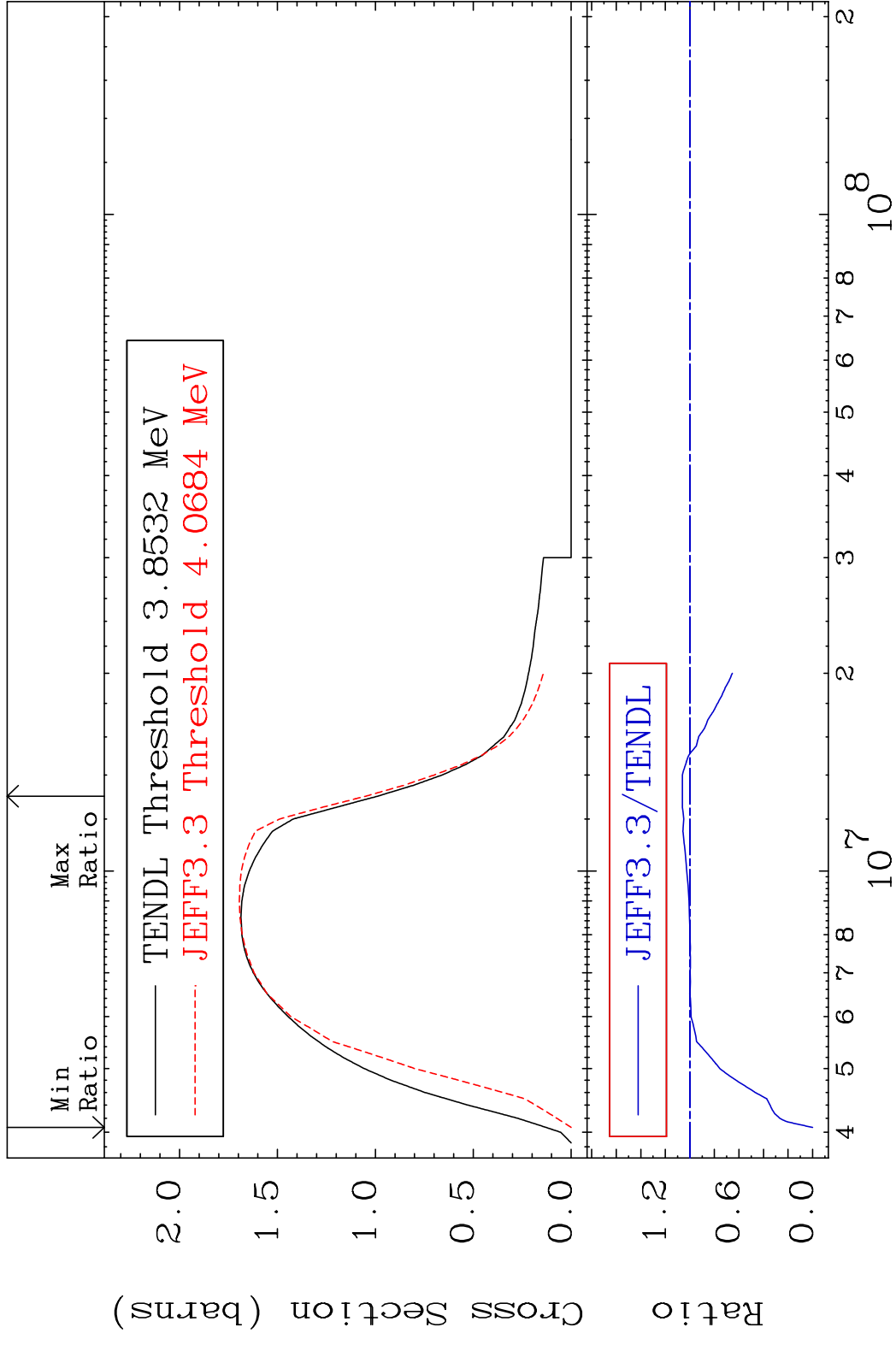
MAT 3925 MT= 79 (n, n') Level 39-Y -89  
 Cross Section -100.0 To 142.6 %



MAT 3925 MT= 80 (n, n') Level 39-Y -89  
 Cross Section -100.0 To 9999. %



MAT 3925 (n,n') Continuum 39-Y -89  
 Cross Section -100.0 To 6.120 %

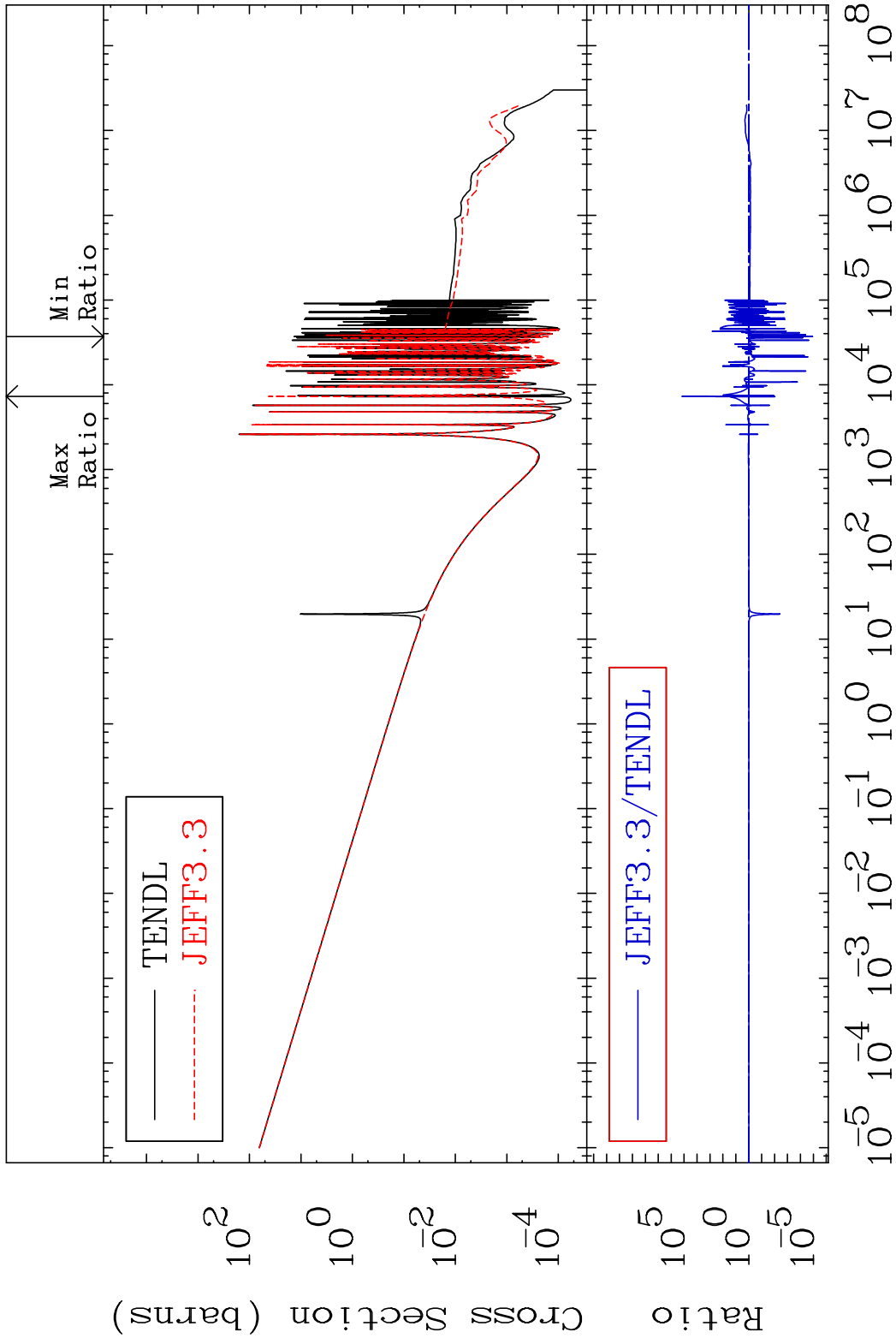


MAT 3925

(n,  $\gamma$ )

39-Y -89

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

39-Y -89

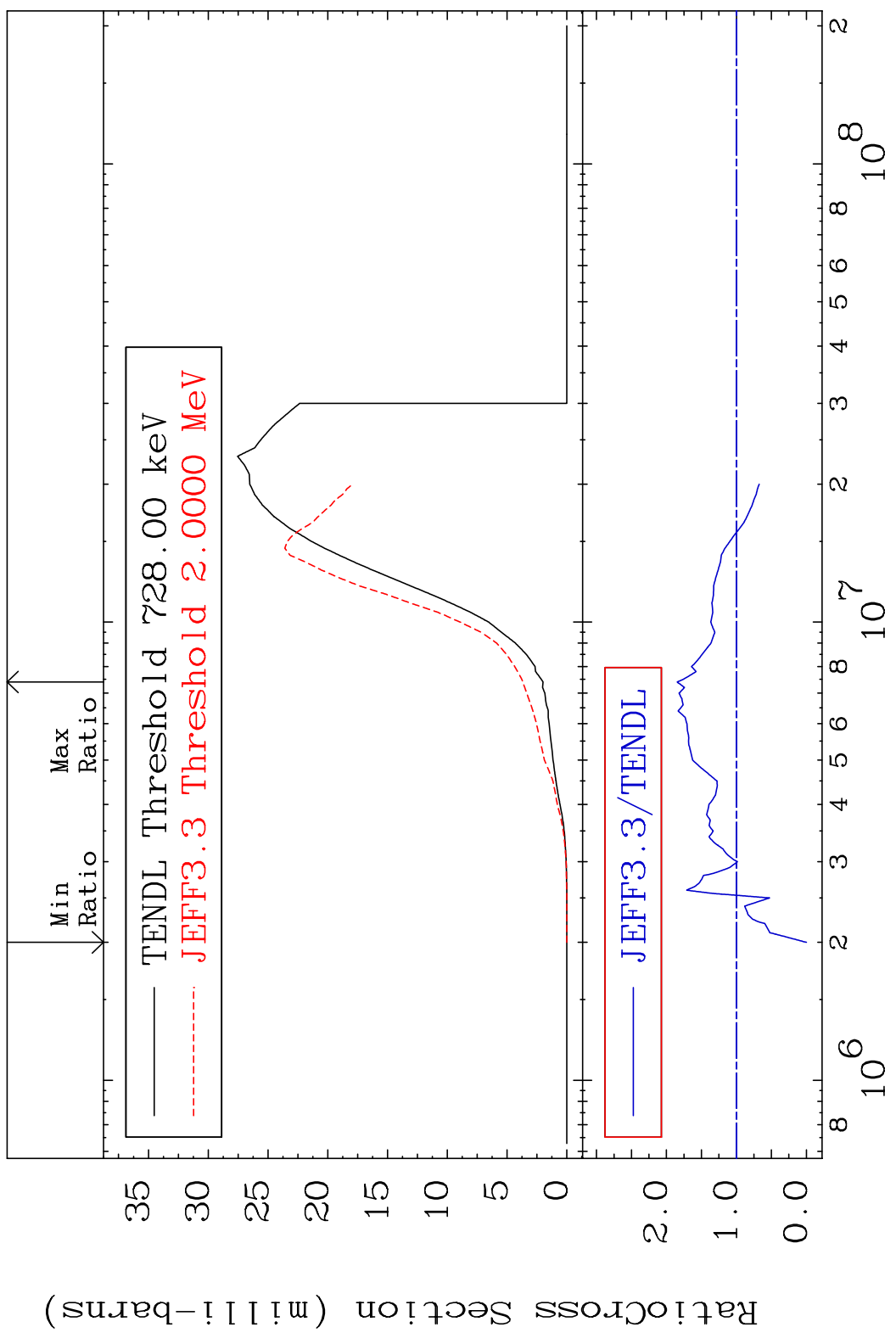


MAT 3925

(n,p)

39-Y -89

Cross Section -100.0 To 84.67 %



40

Incident Energy (eV)

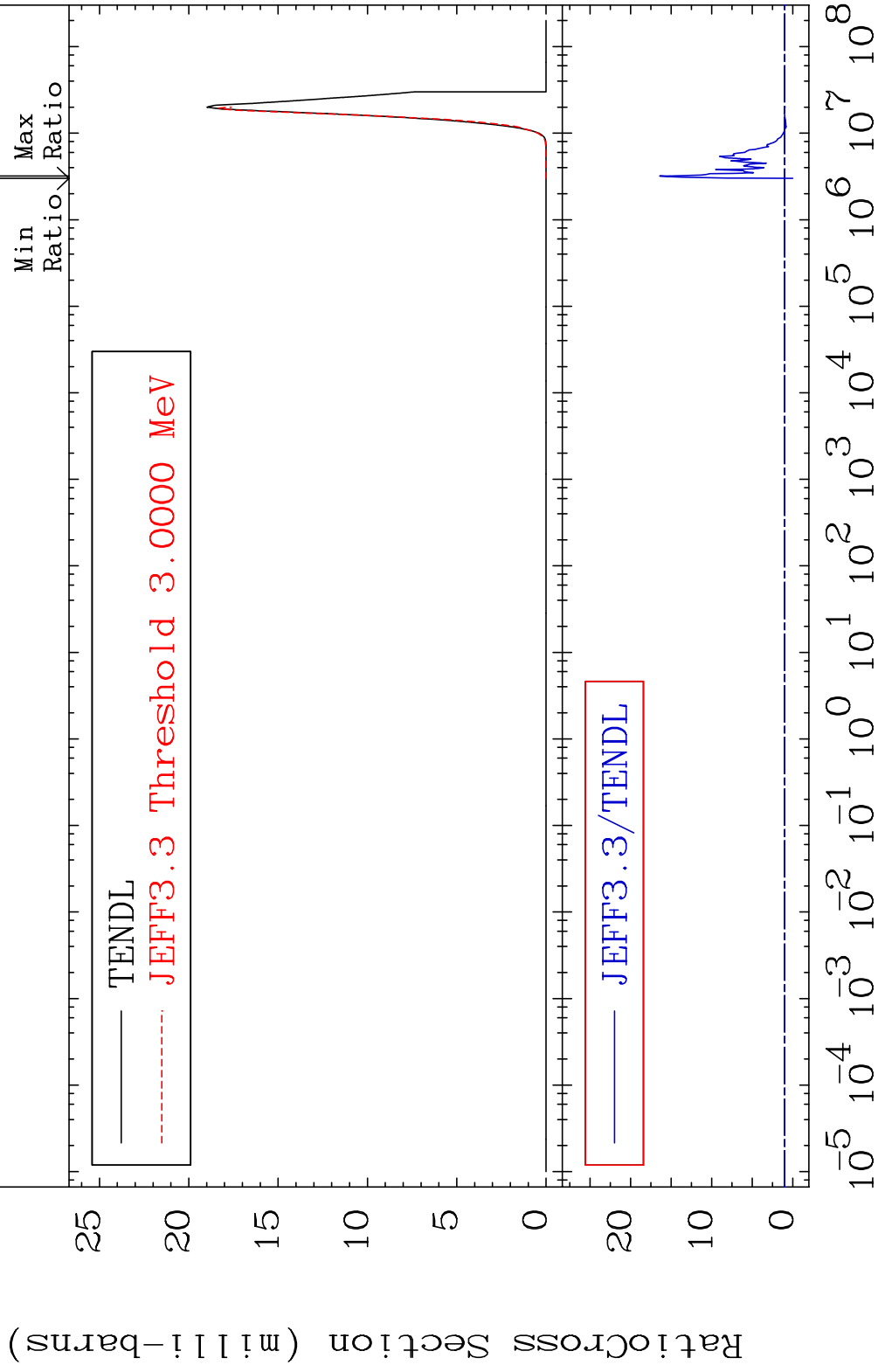
39-Y -89

MAT 3925

(n,  $\alpha$ )

39-Y -89

Cross Section -100.0 To 1542. %



41

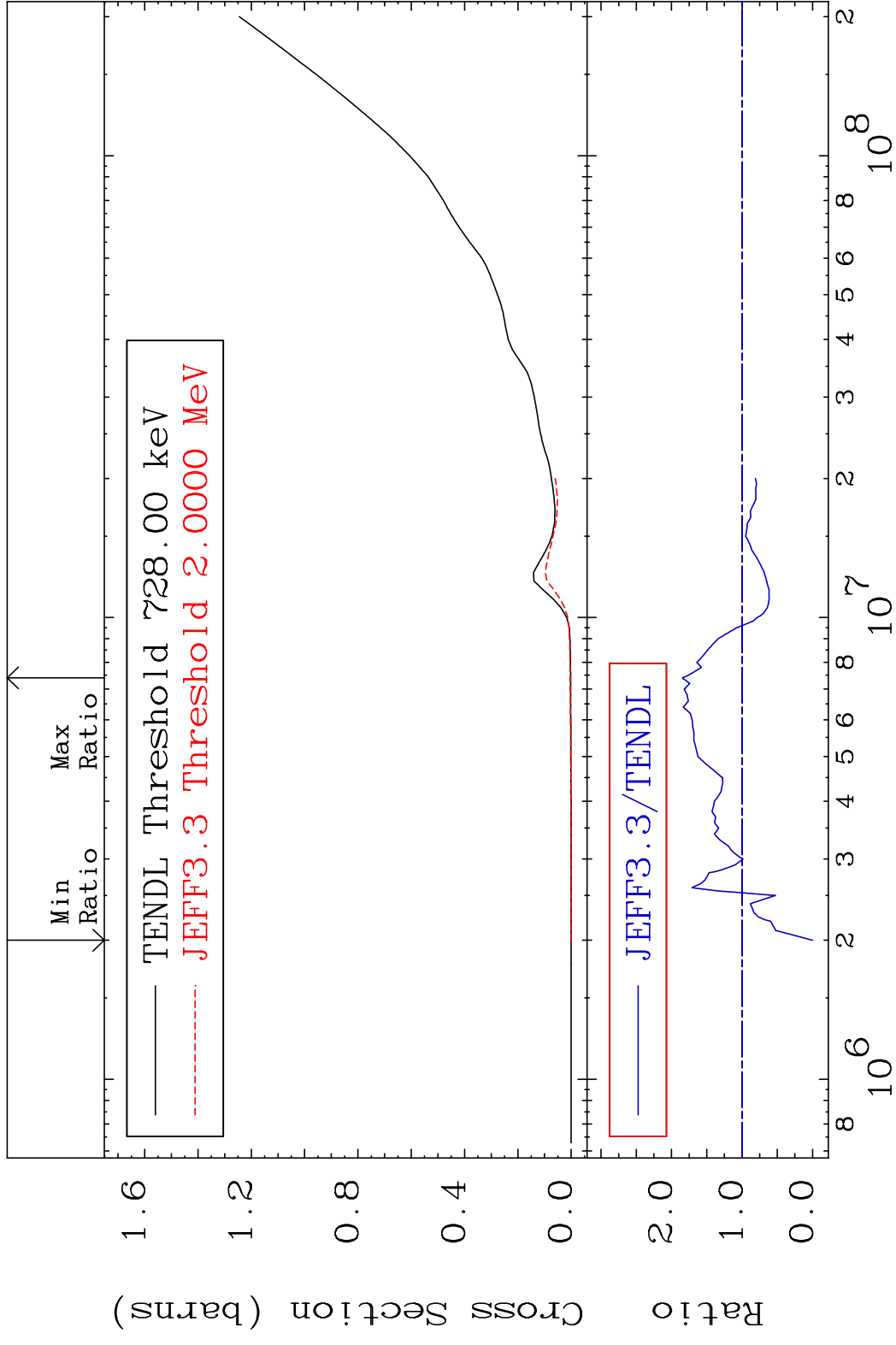
Incident Energy (eV)

39-Y -89

MAT 3925

Hydrogen Production  
Cross Section -100.0 To 84.67 %

39-Y -89



42

Incident Energy (eV)

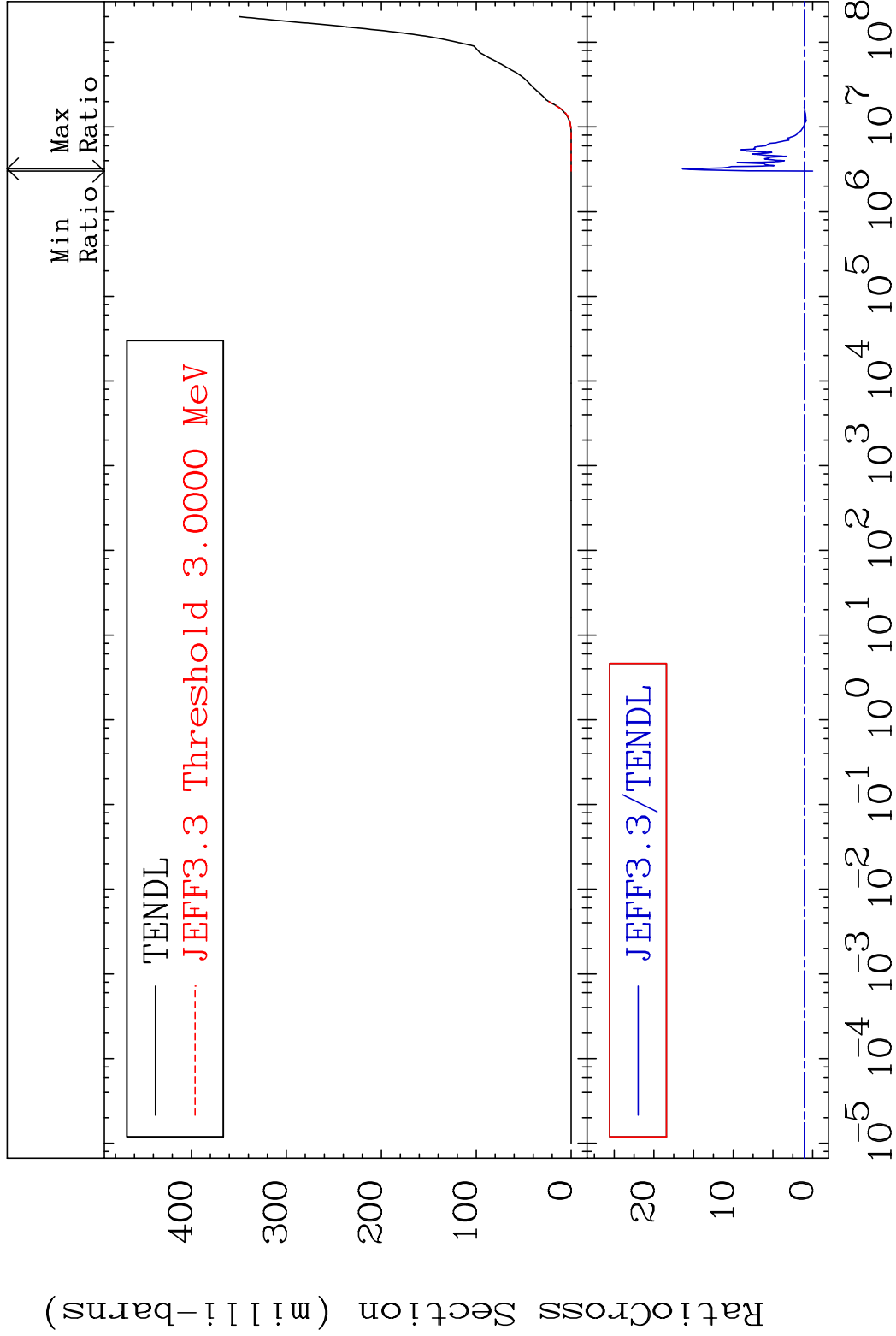
39-Y -89

MAT 3925

He-4 Production

39-Y -89

Cross Section -100.0 To 1542. %

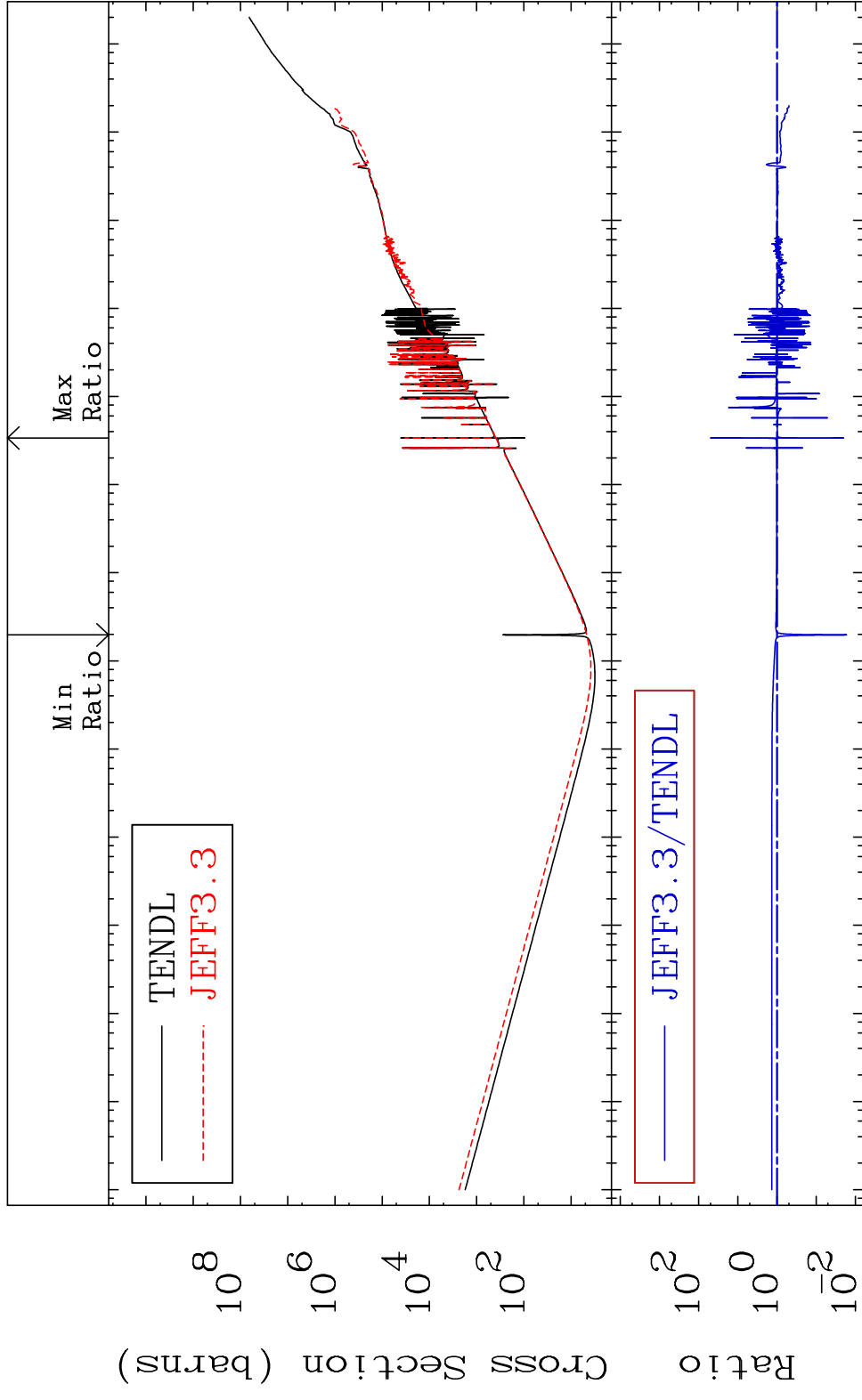


43

Incident Energy (eV)

39-Y -89

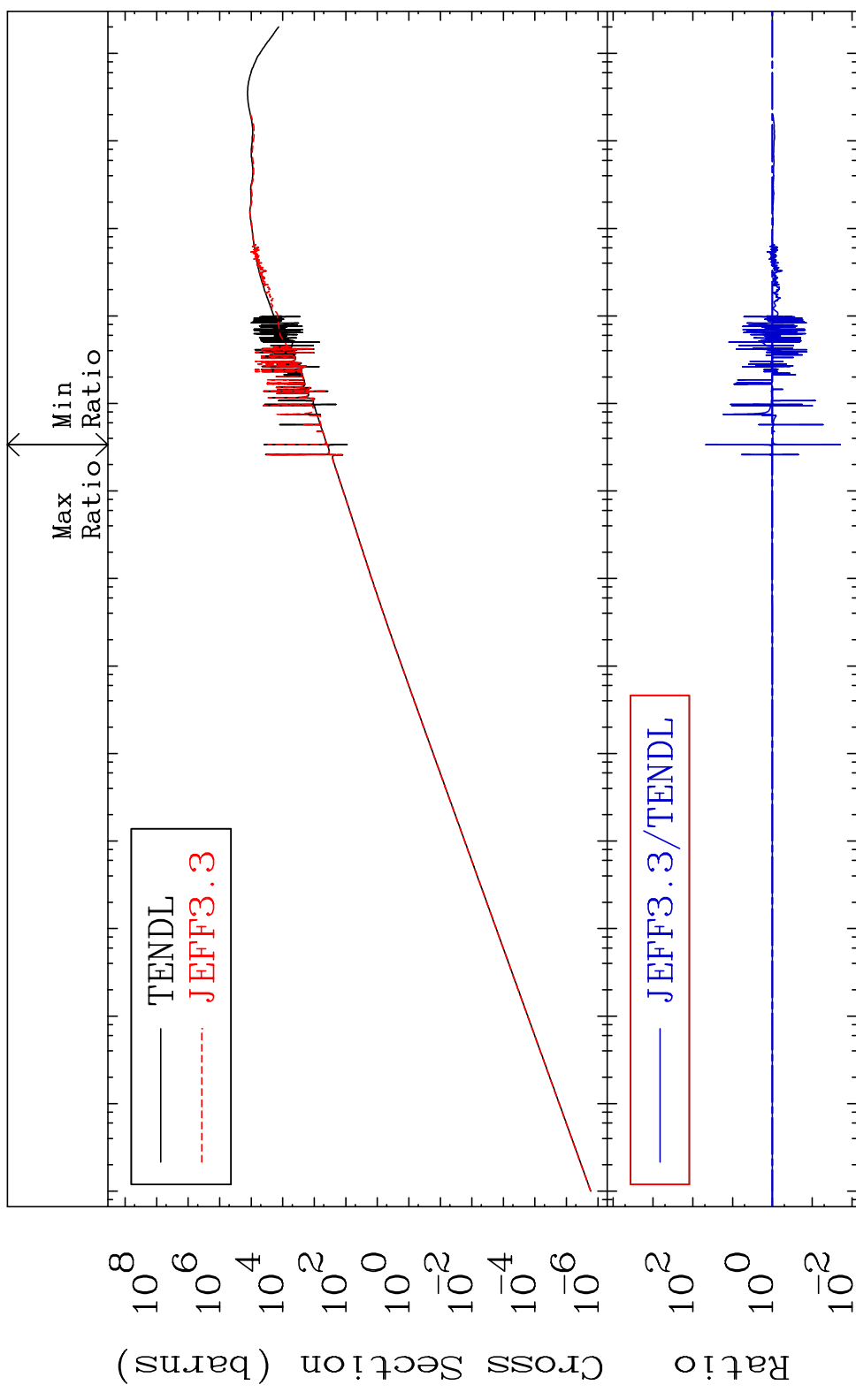
MAT 3925 Kerma total (eV-barns) 39-Y -89  
 Cross Section -98.30 To 4824. %



MAT 3925

Kerma elastic Cross Section -98.04 To 4625. %

39-Y -89

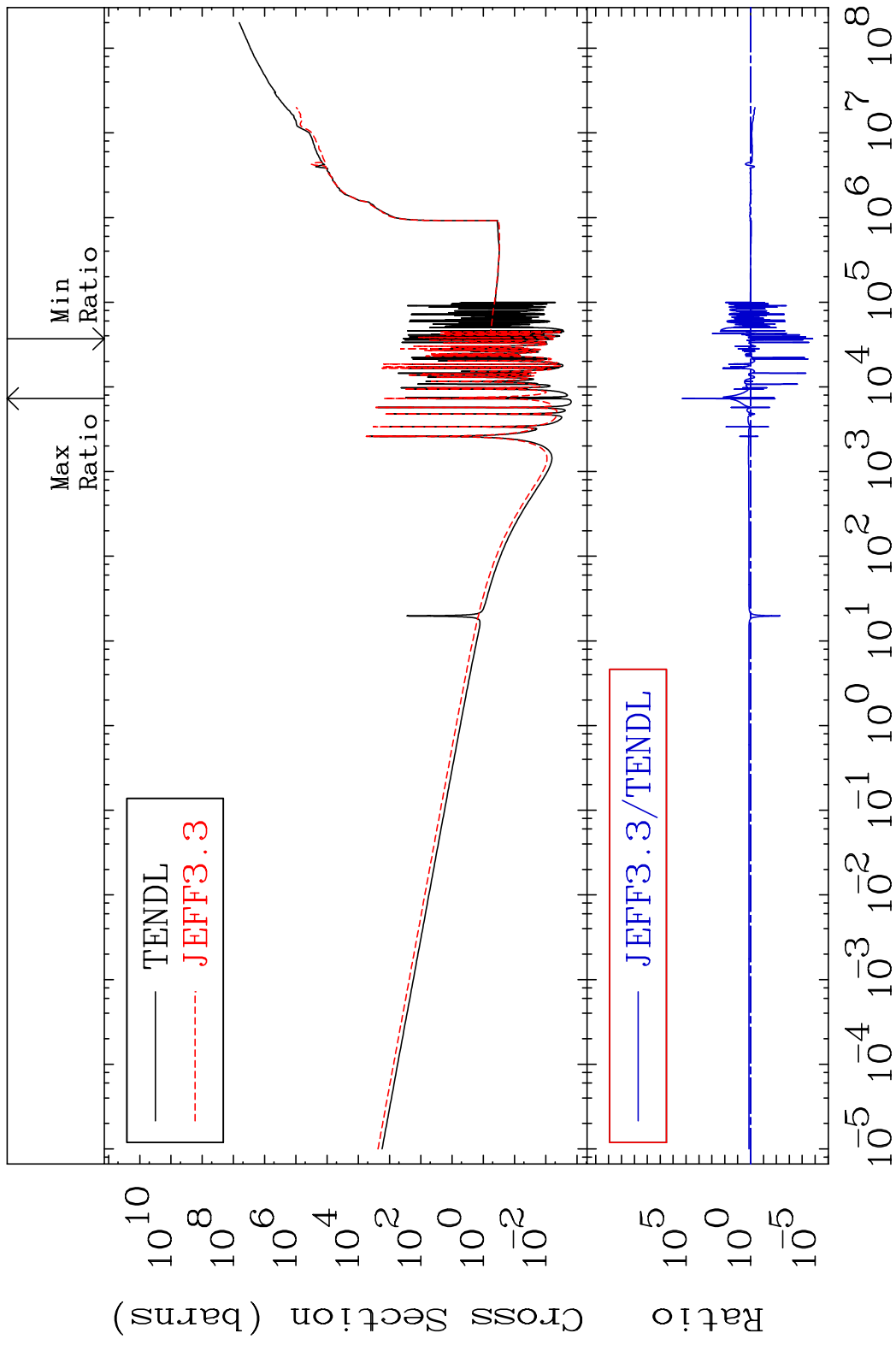


45

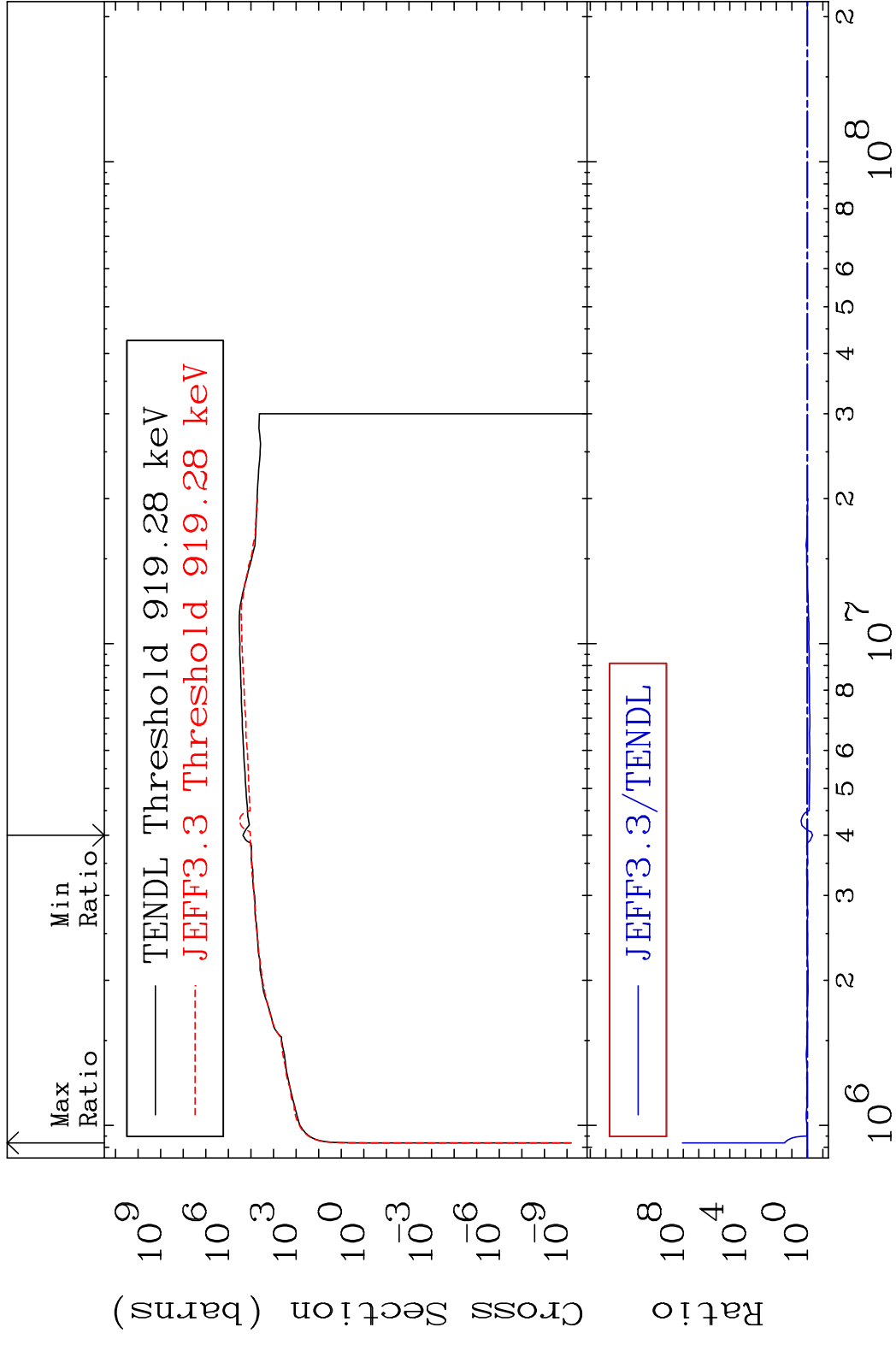
Incident Energy (eV)

39-Y -89

MAT 3925 Kerma non-elastic (all but mt2) 39-Y -89  
 Cross Section -100.0 To 9999. %



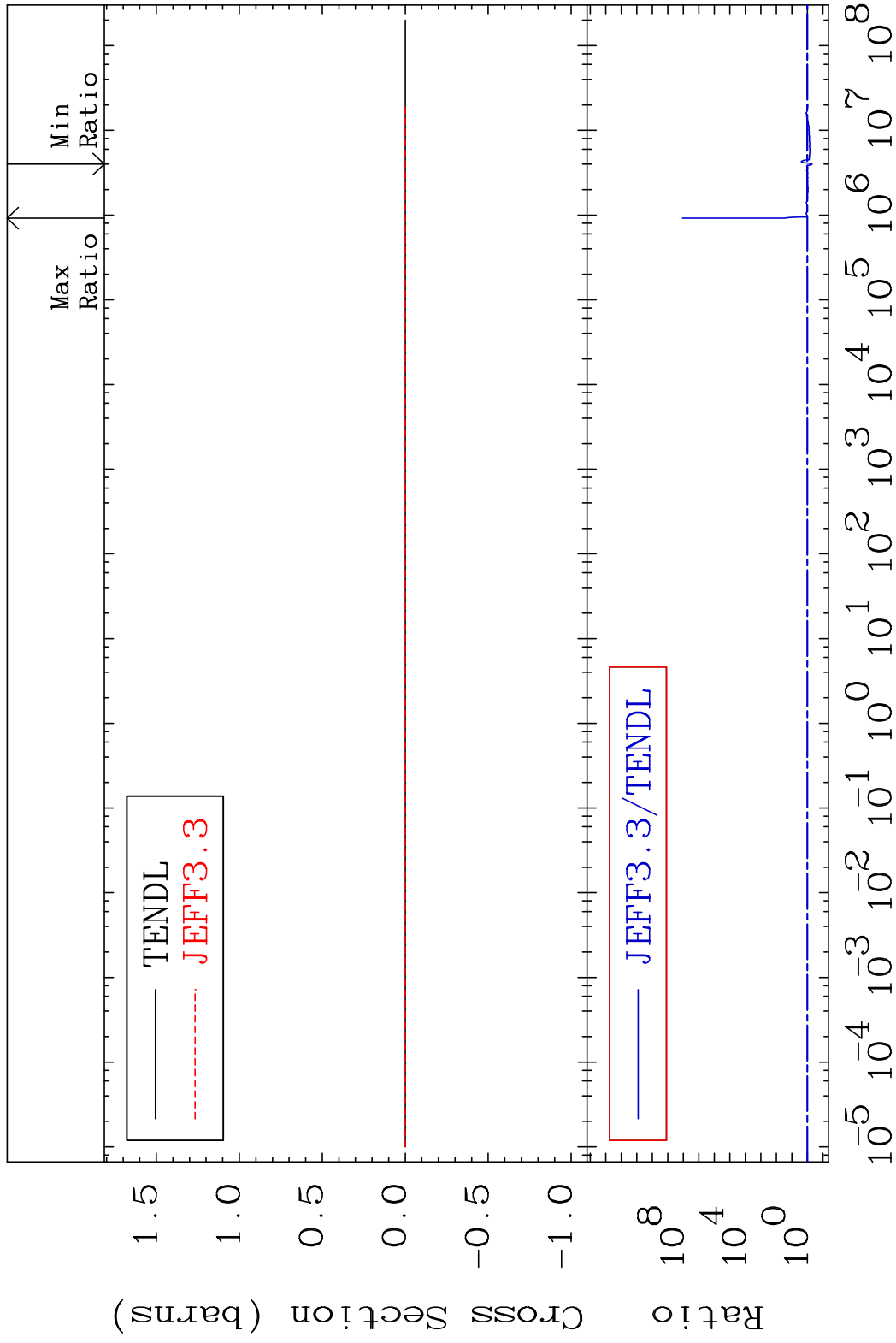
MAT 3925 Kerma inelastic (mt51-91) 39-Y -89  
 Cross Section -53.83 To 9999. %



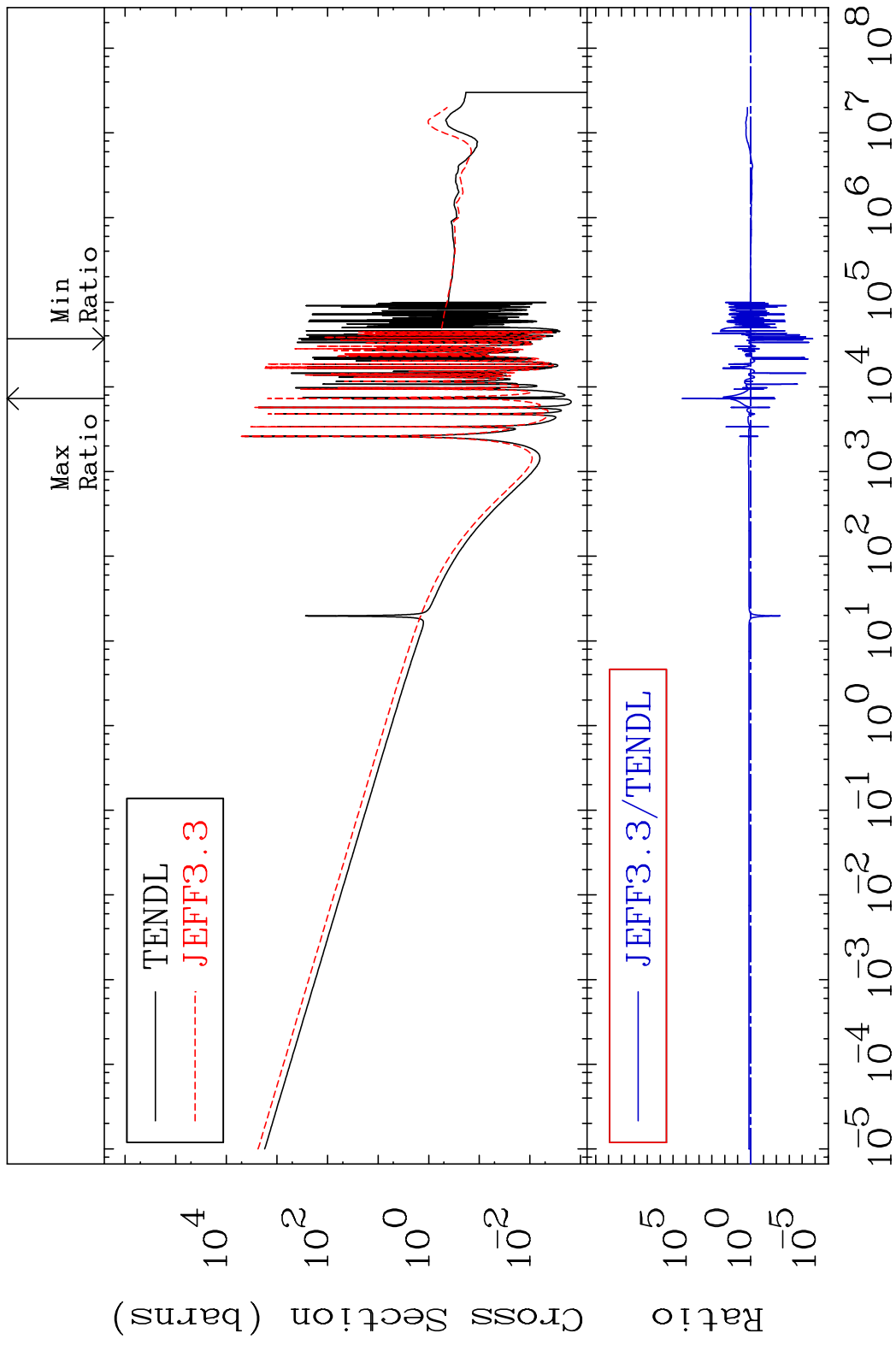
47 Incident Energy (eV) 39-Y -89



MAT 3925 Kerma fission (mt18 or mt19-20-21-38) 39-Y -89  
 Cross Section -53.83 To 9999. %

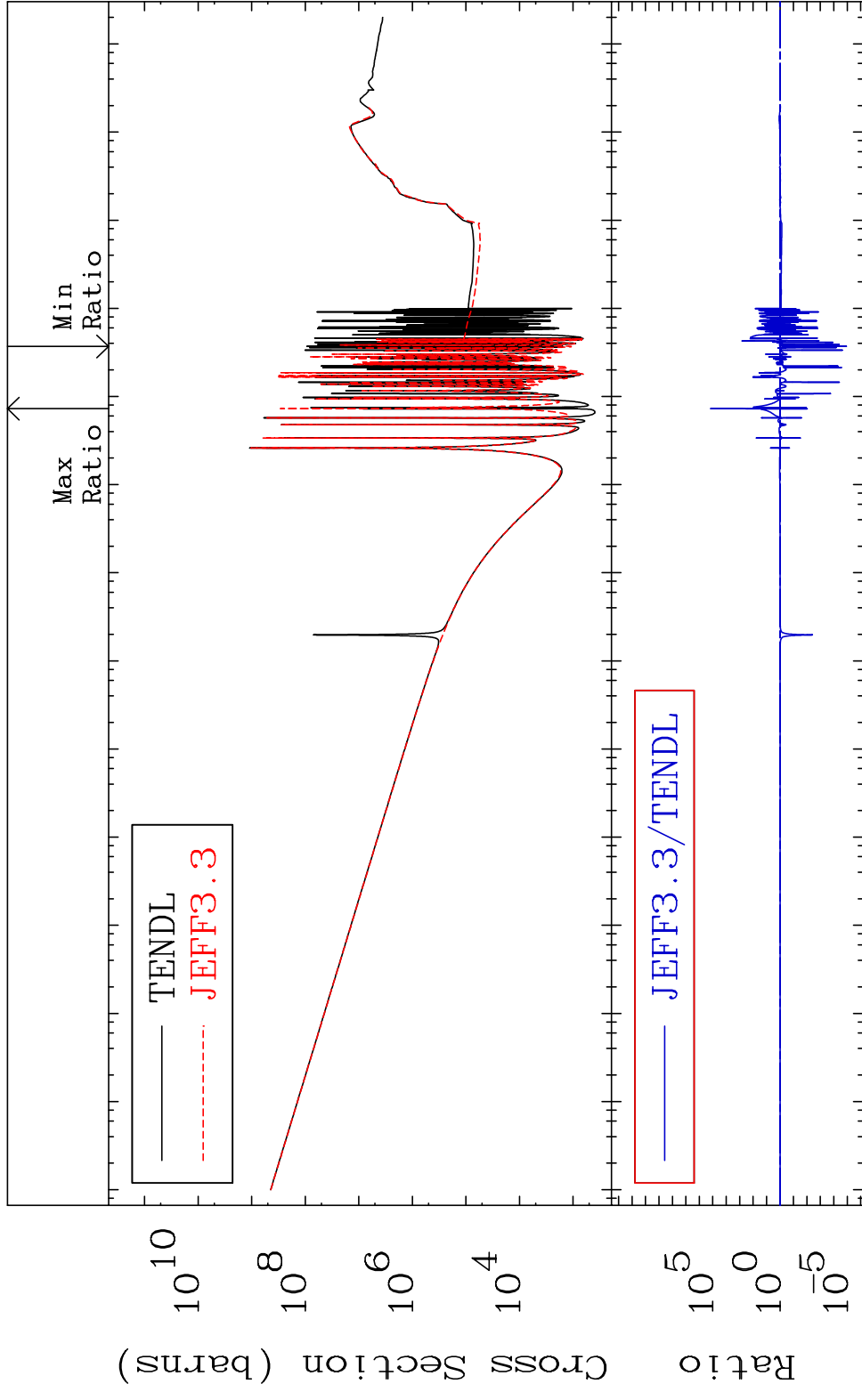


MAT 3925 Kerma capture (mt102) 39-Y -89  
 Cross Section -100.0 To 9999. %



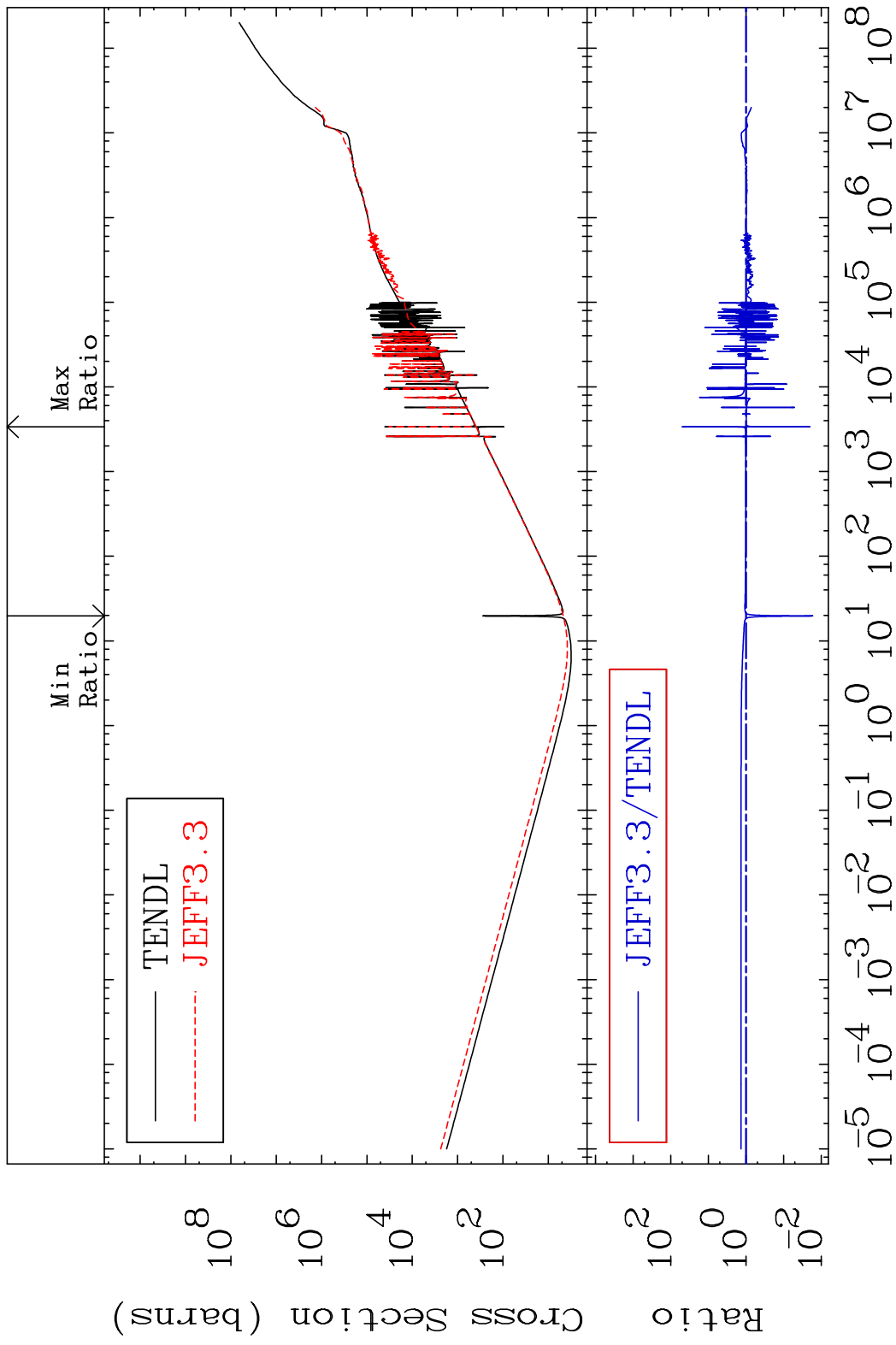
49 Incident Energy (eV) 39-Y -89

MAT 3925 Total photon (eV-barns) 39-Y -89  
 Cross Section -100.0 To 9999. %

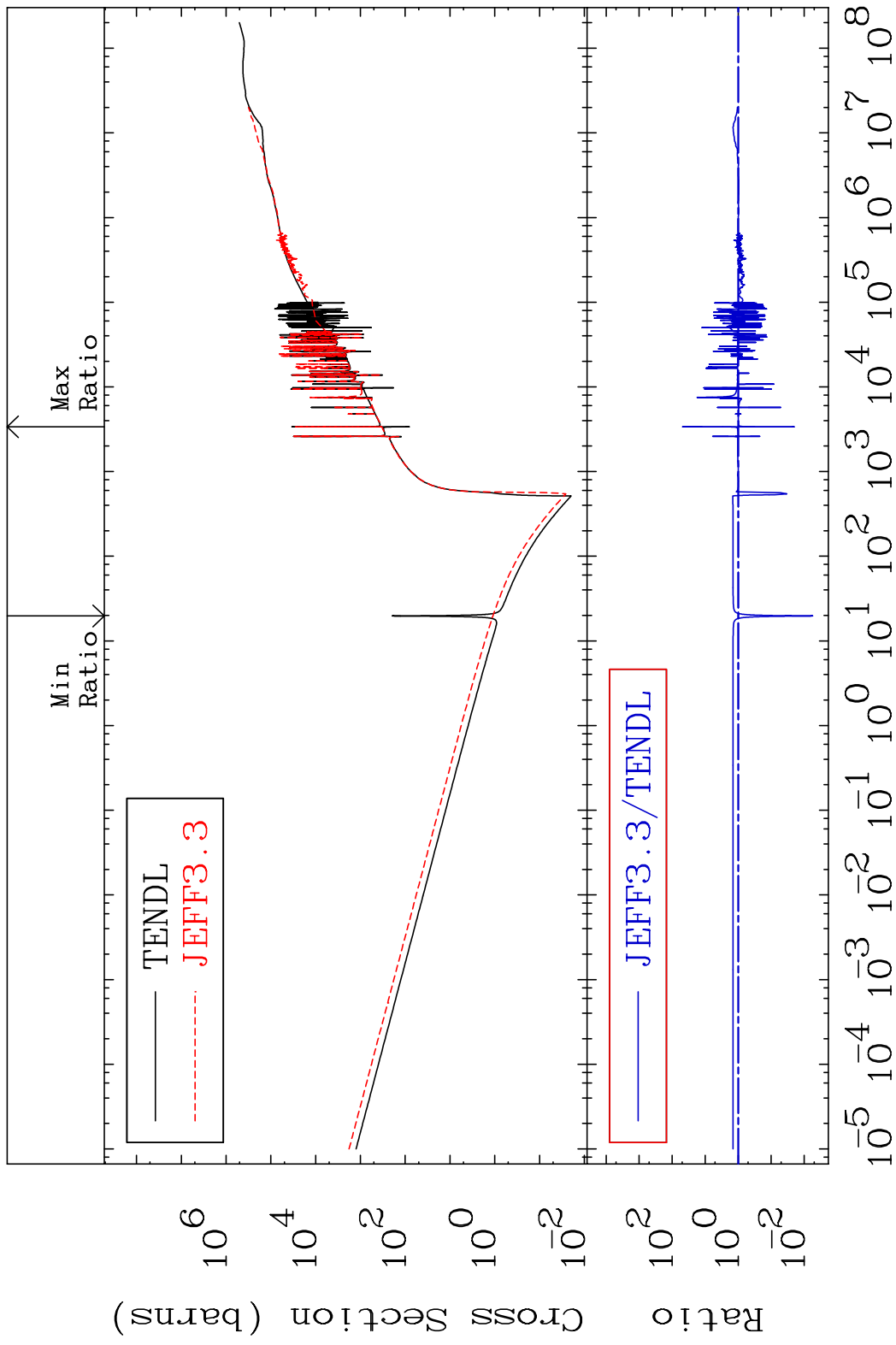


50 Incident Energy (eV) 39-Y -89

MAT 3925 Total kinematic kerma (high limit) 39-Y -89  
 Cross Section -98.30 To 4824. %



MAT 3925      Dpa total (eV-barns)      39-Y -89  
 Cross Section      -99.44 To 4814. %

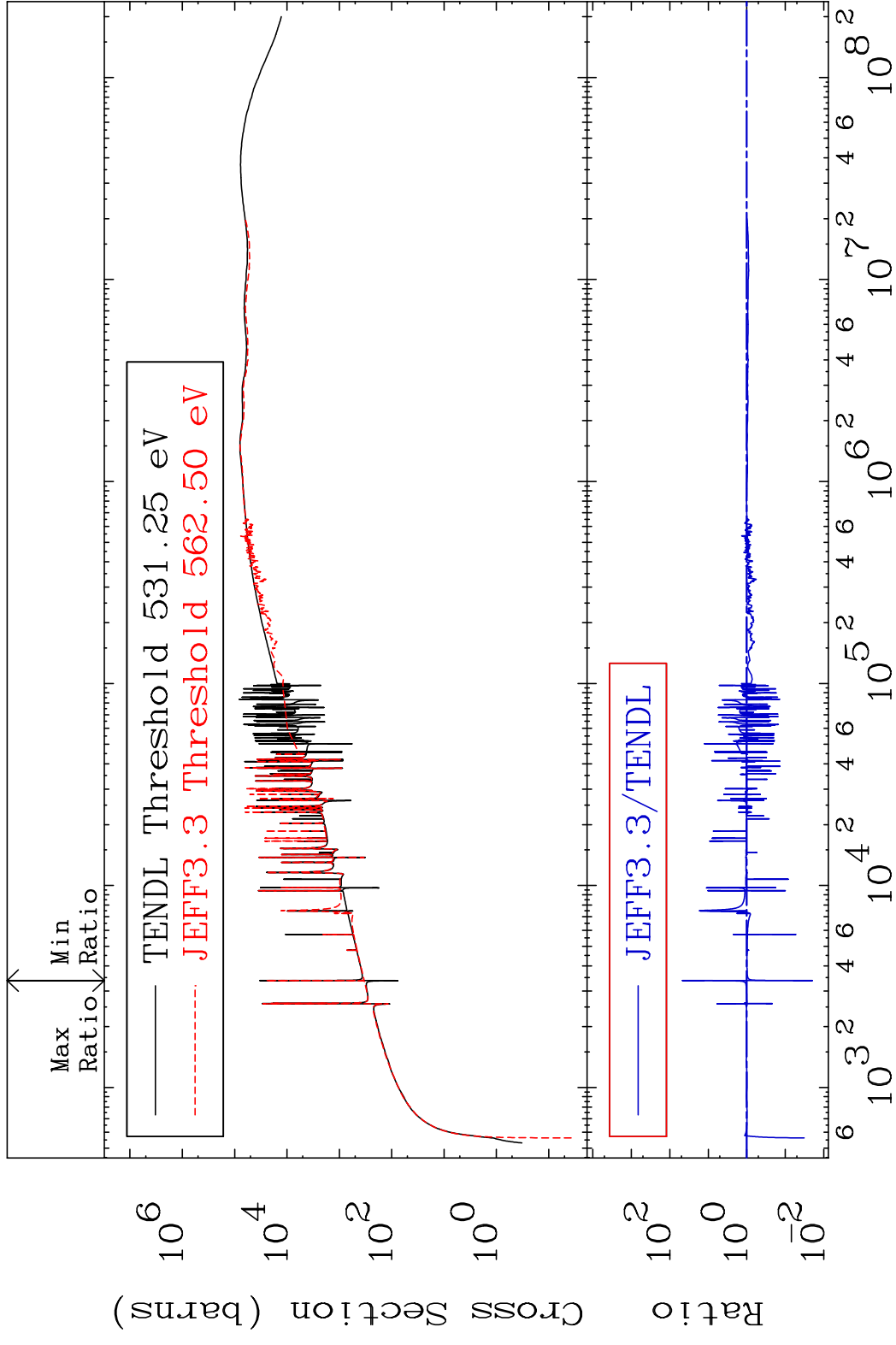


MAT 3925

Dpa elastic (mt2)

39-Y -89

Cross Section -98.04 To 4620. %

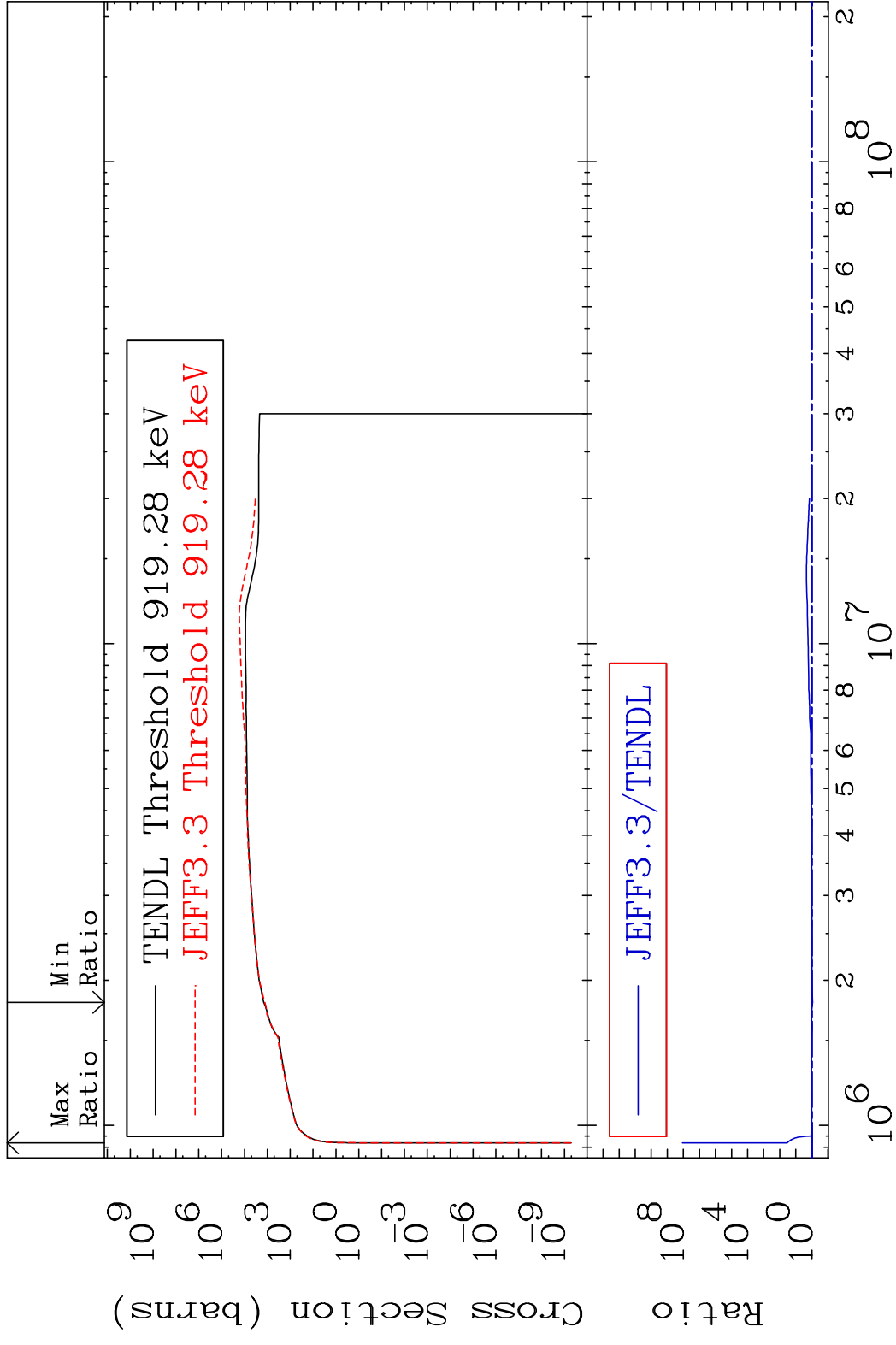


53

Incident Energy (eV)

39-Y -89

MAT 3925 Dpa inelastic (mt51-91) 39-Y -89  
 Cross Section -9.734 To 9999. %



MAT 3925 Dpa disappearance (mt102 -120) 39-Y -89  
 Cross Section -100.0 To 9999. %

