

Program Complot  
(Version 2021-1)

by

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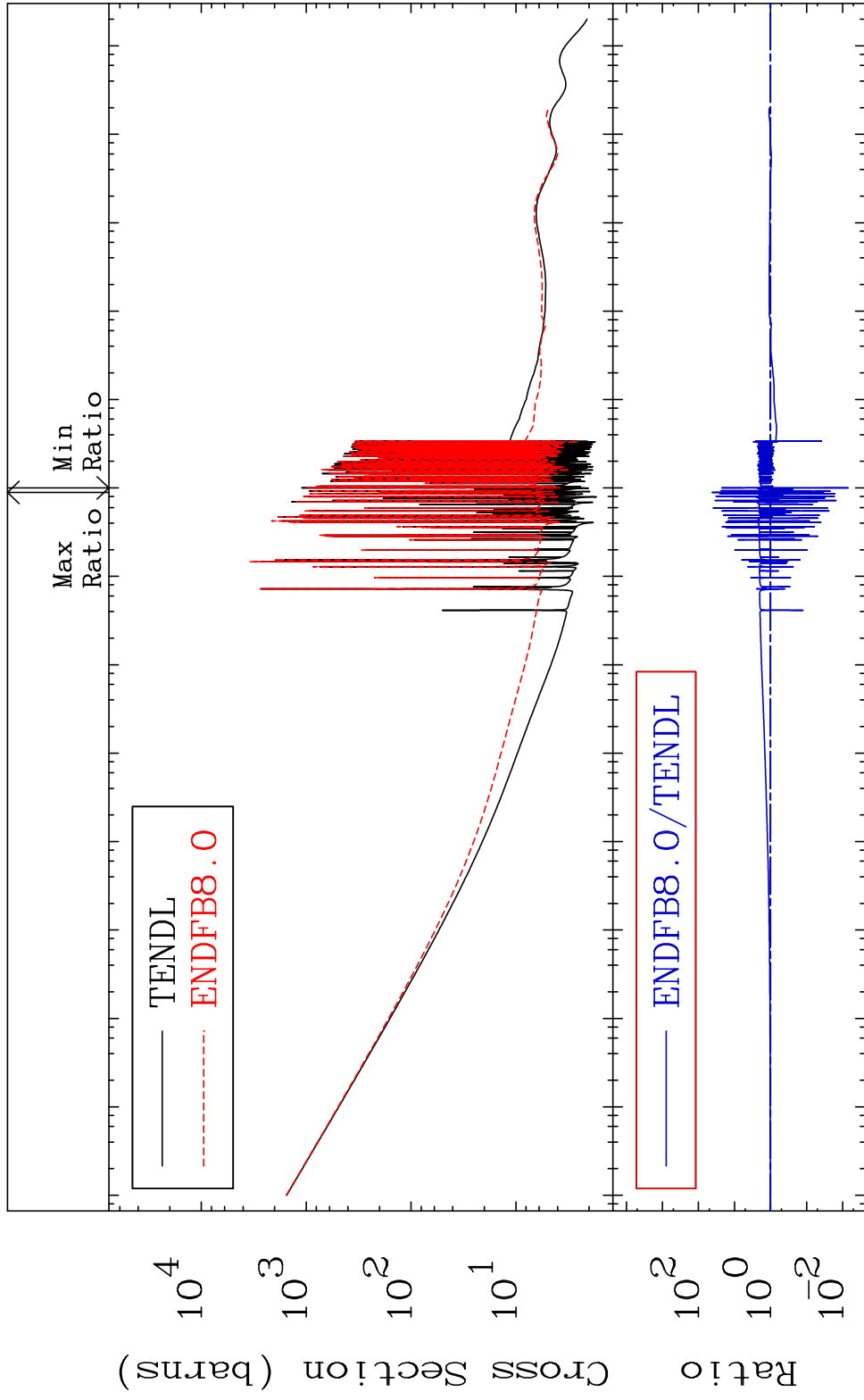
Press Mouse Button to Start

MAT 5331

Total

53-I -129

Cross Section -99.30 To 4013. %



1

Incident Energy (eV)

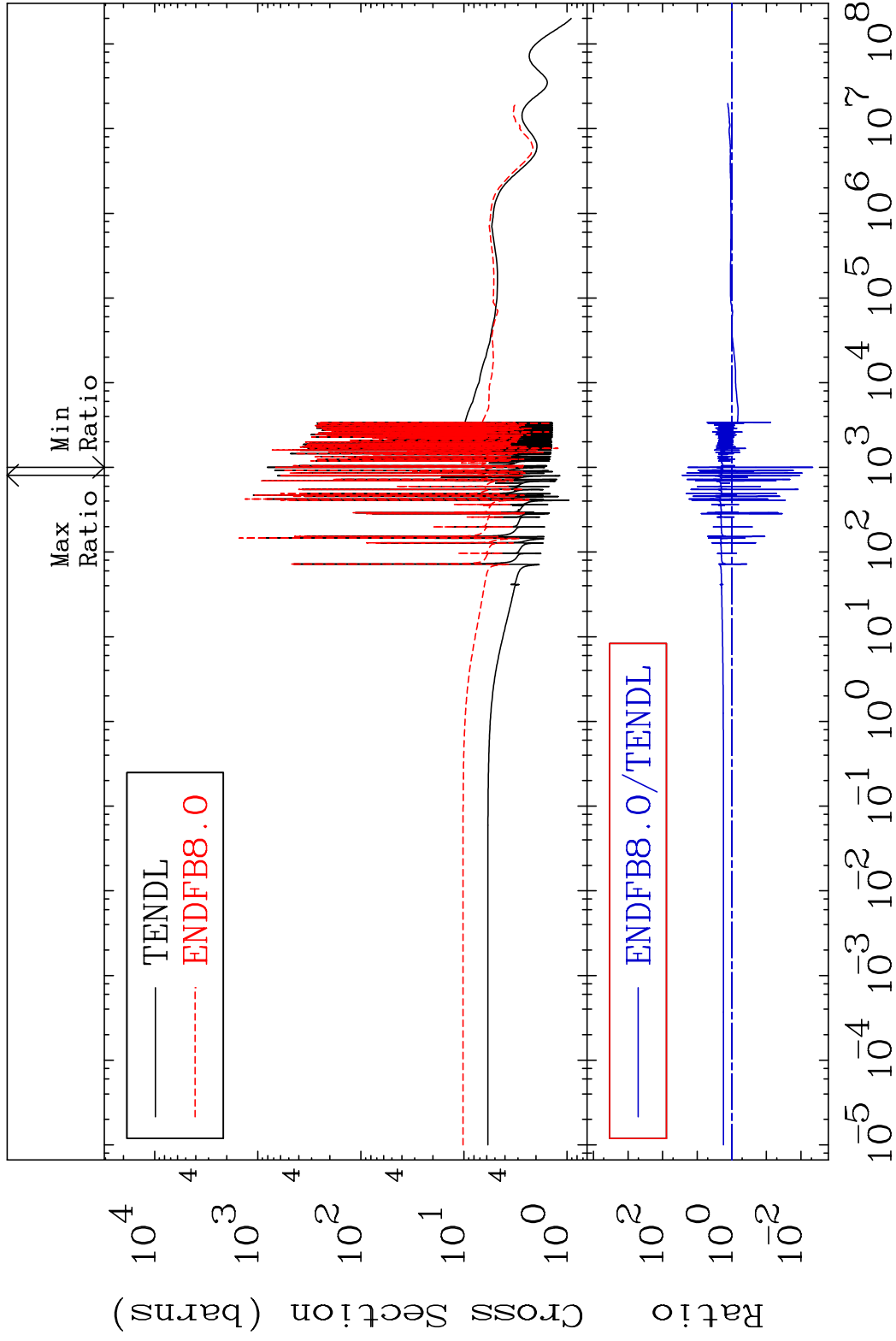
53-I -129

MAT 5331

Elastic

53-I -129

Cross Section -99.54 To 2584. %



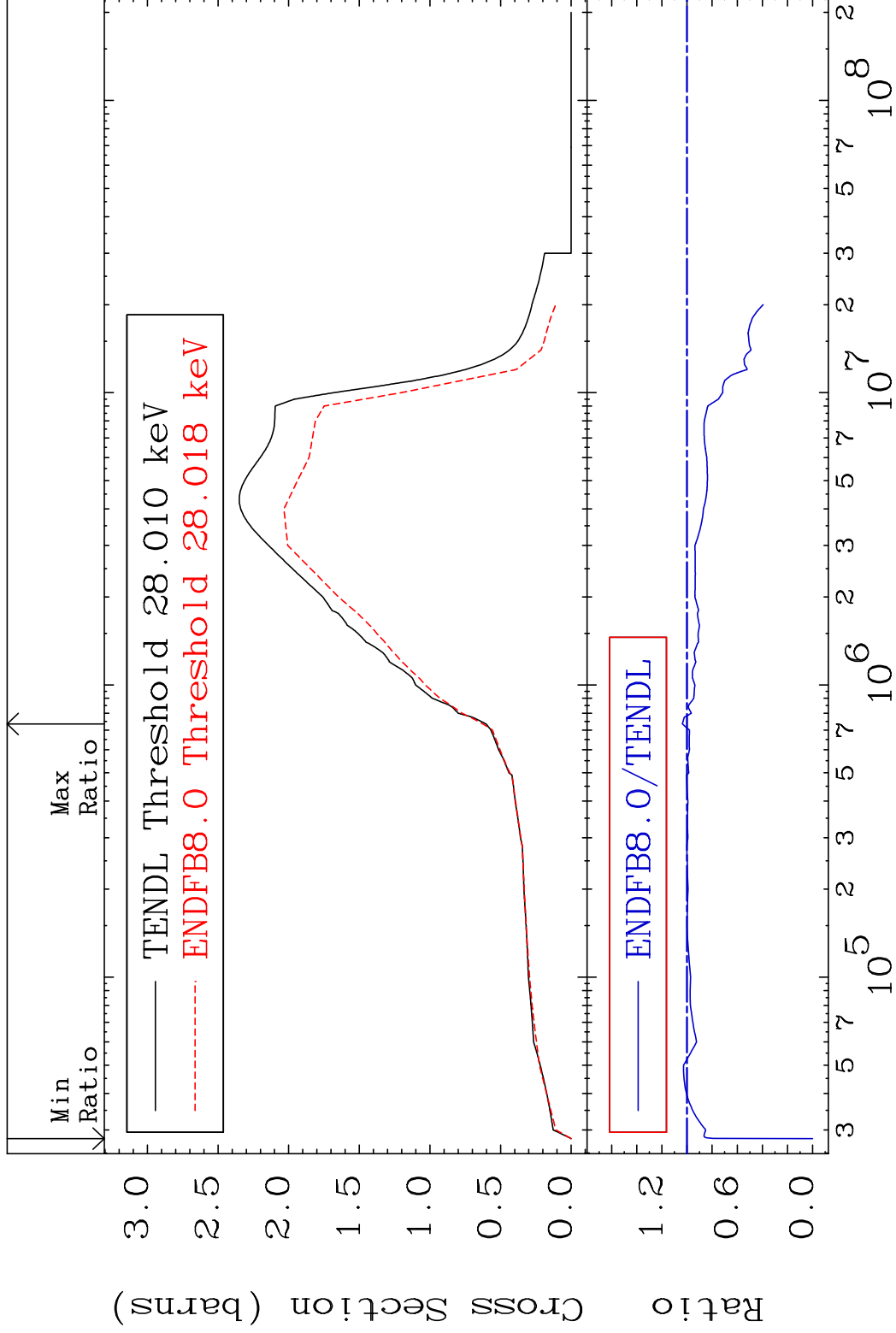
2

Incident Energy (eV)

53-I -129

MAT 5331

Inelastic Cross Section -100.0 To 3.725 %  
53-I -129



3

Incident Energy (eV)

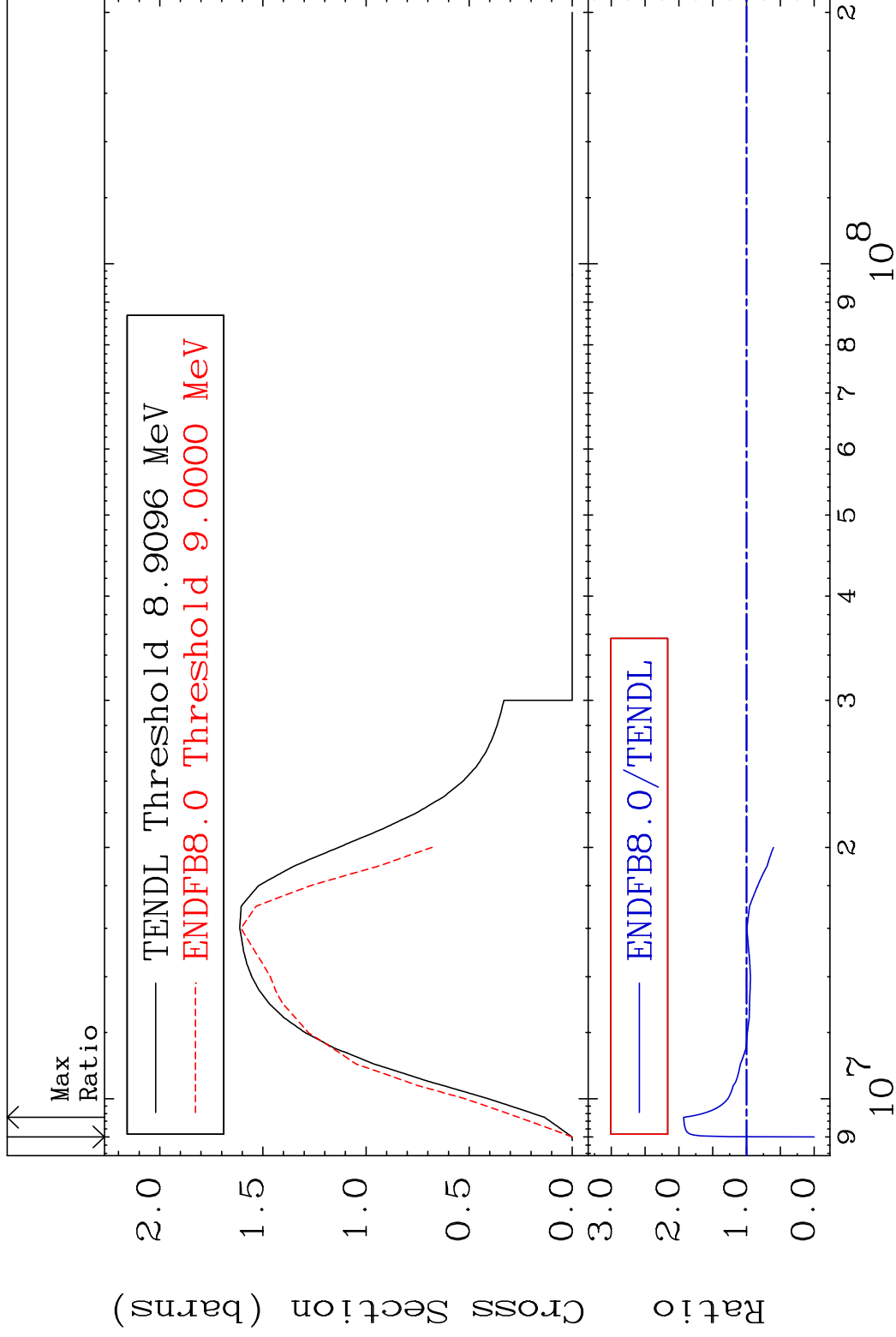
53-I -129

MAT 5331

(n,2n)

53-I -129

Cross Section -100.0 To 93.03 %



4

Incident Energy (eV)

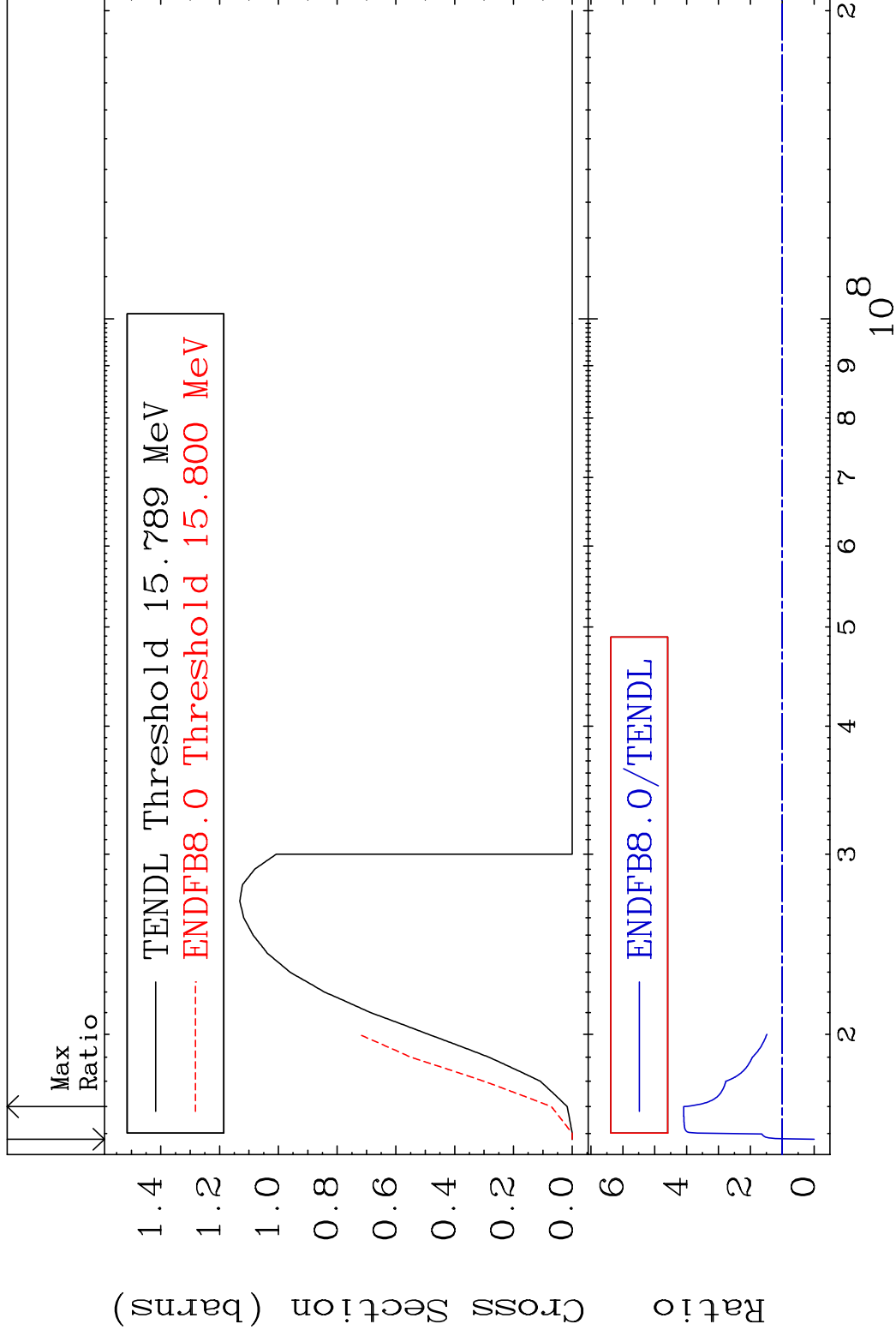
53-I -129

MAT 5331

(n,3n)

53-I -129

Cross Section -100.0 To 309.2 %



5

Incident Energy (eV)

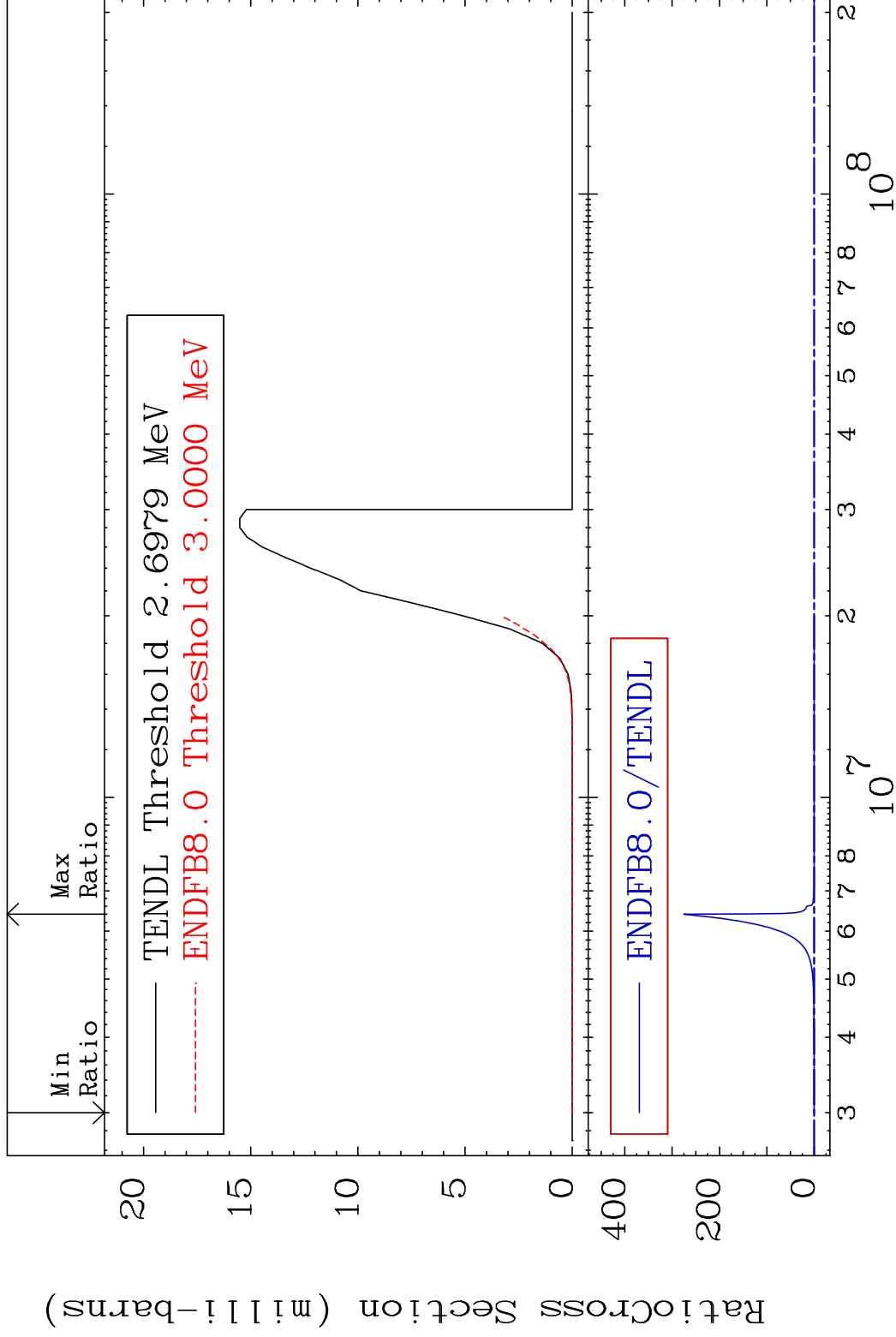
53-I -129

MAT 5331

(n, n')  $\alpha$

53-I -129

Cross Section -100.0 To 9999. %



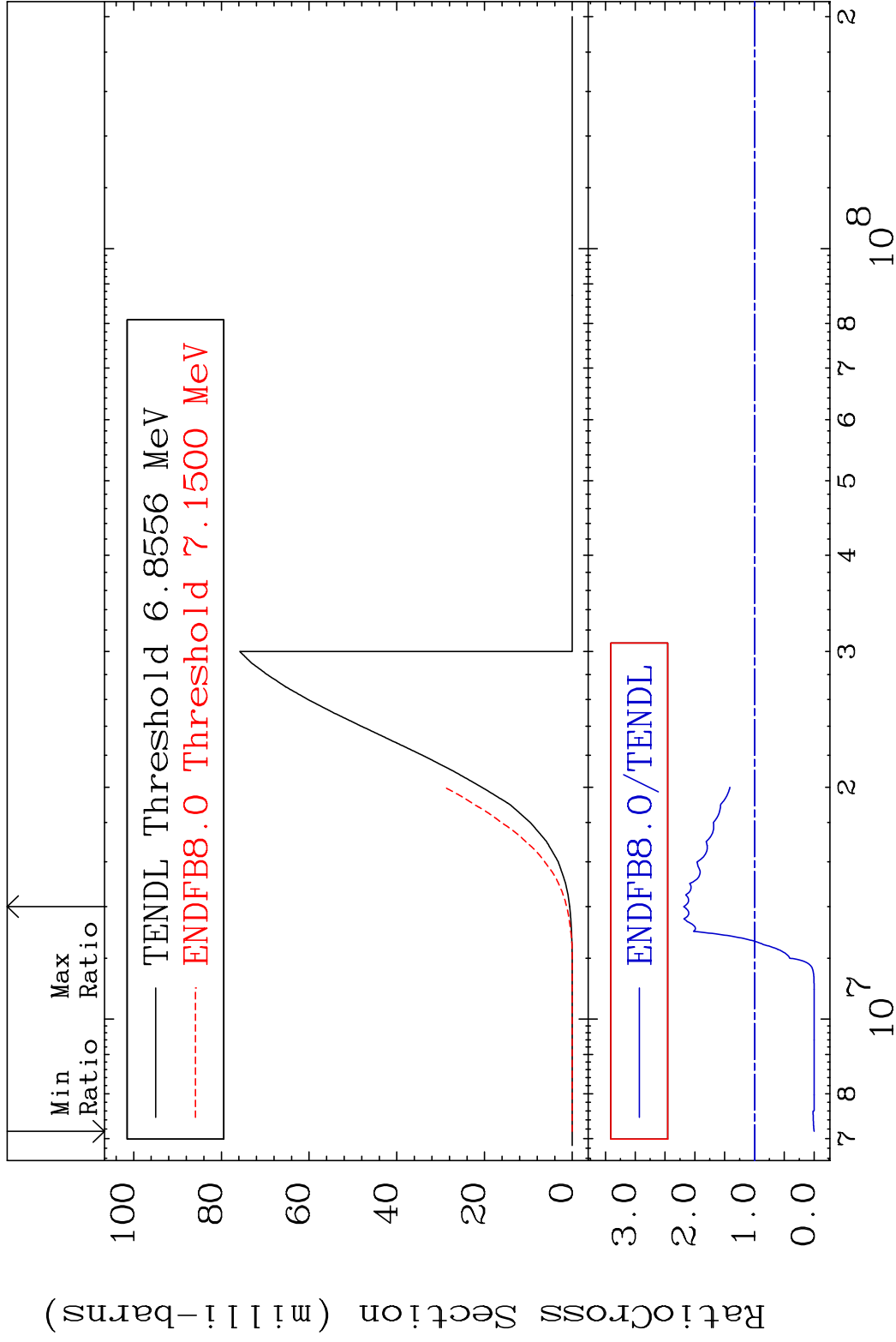
6

Incident Energy (eV)

53-I -129

MAT 5331

(n, n') p 53-I -129  
Cross Section -100.0 To 118.8 %



7

Incident Energy (eV)

53-I -129

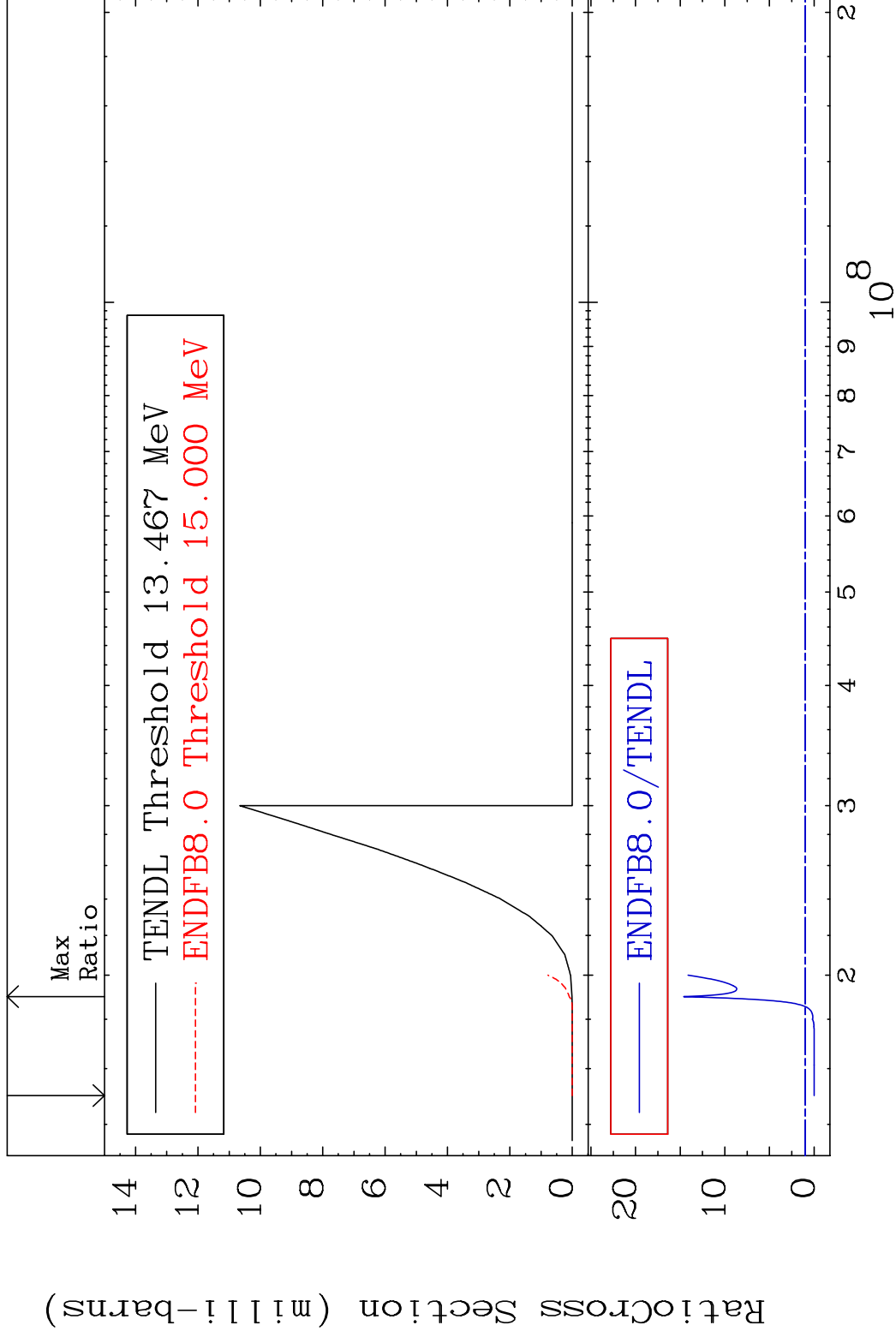


MAT 5331

(n, n') d

53-I -129

Cross Section -100.0 To 1361. %



8

Incident Energy (eV)

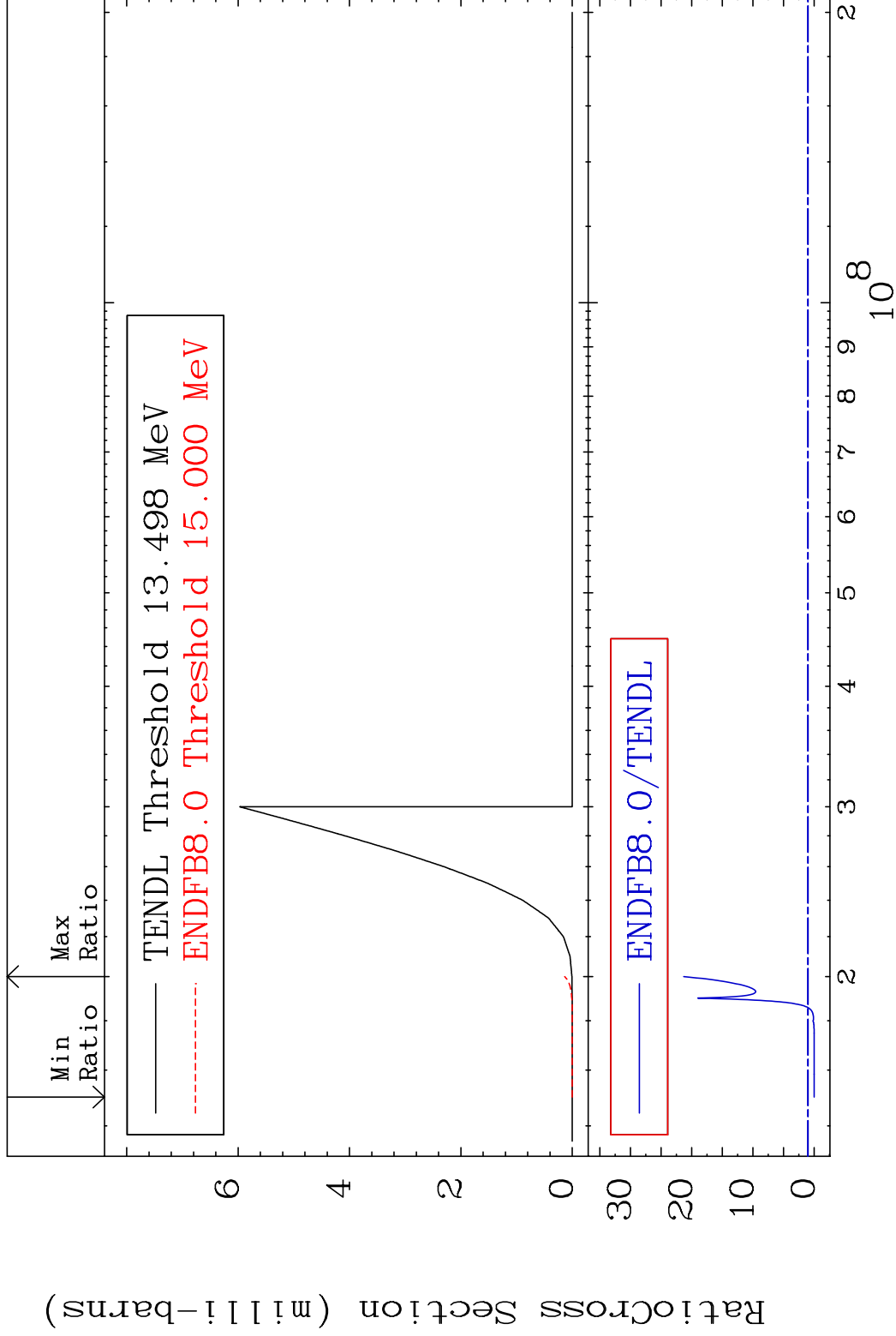
53-I -129

MAT 5331

(n, n') t

53-I -129

Cross Section -100.0 To 2031. %

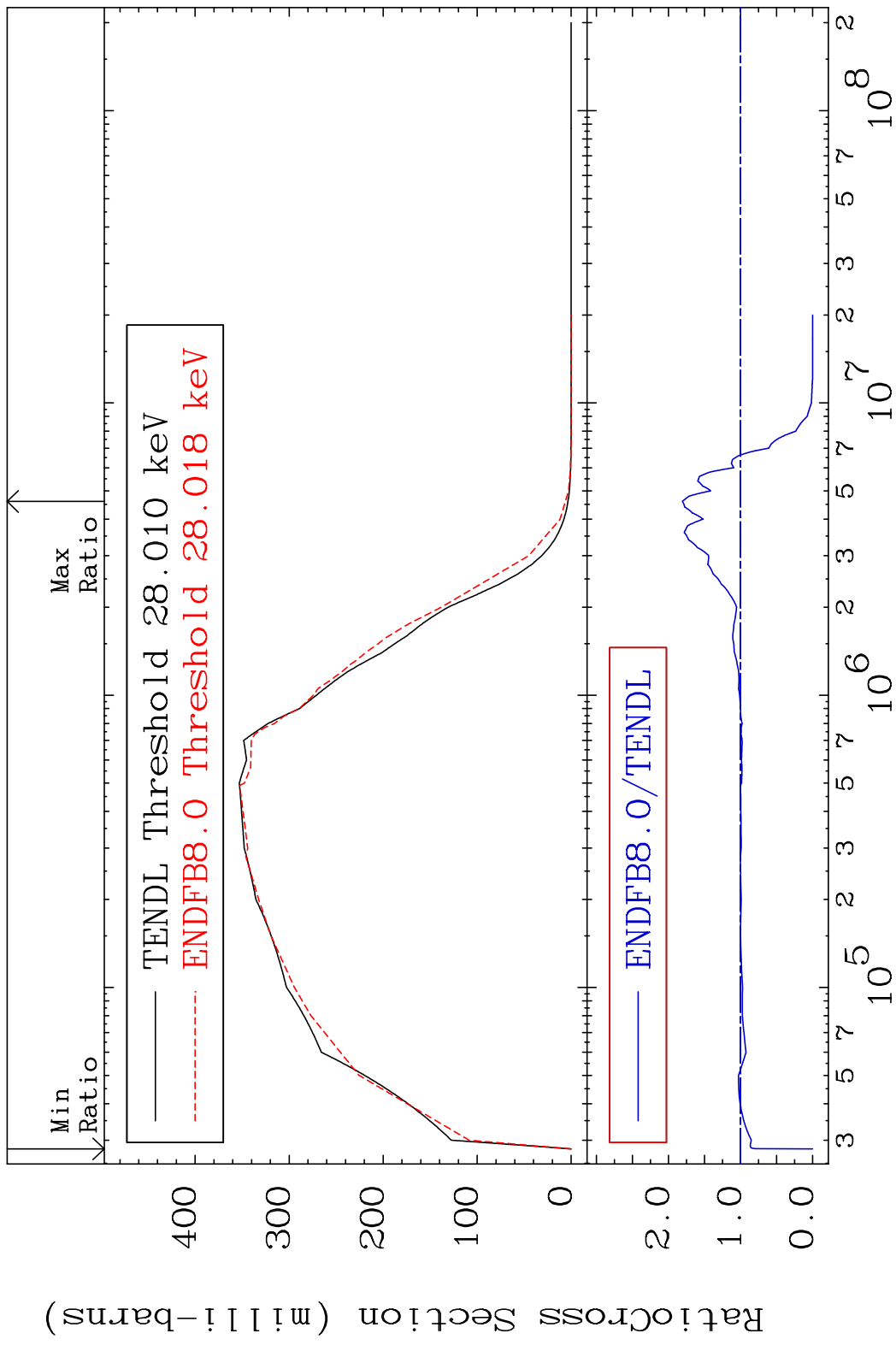


9

Incident Energy (eV)

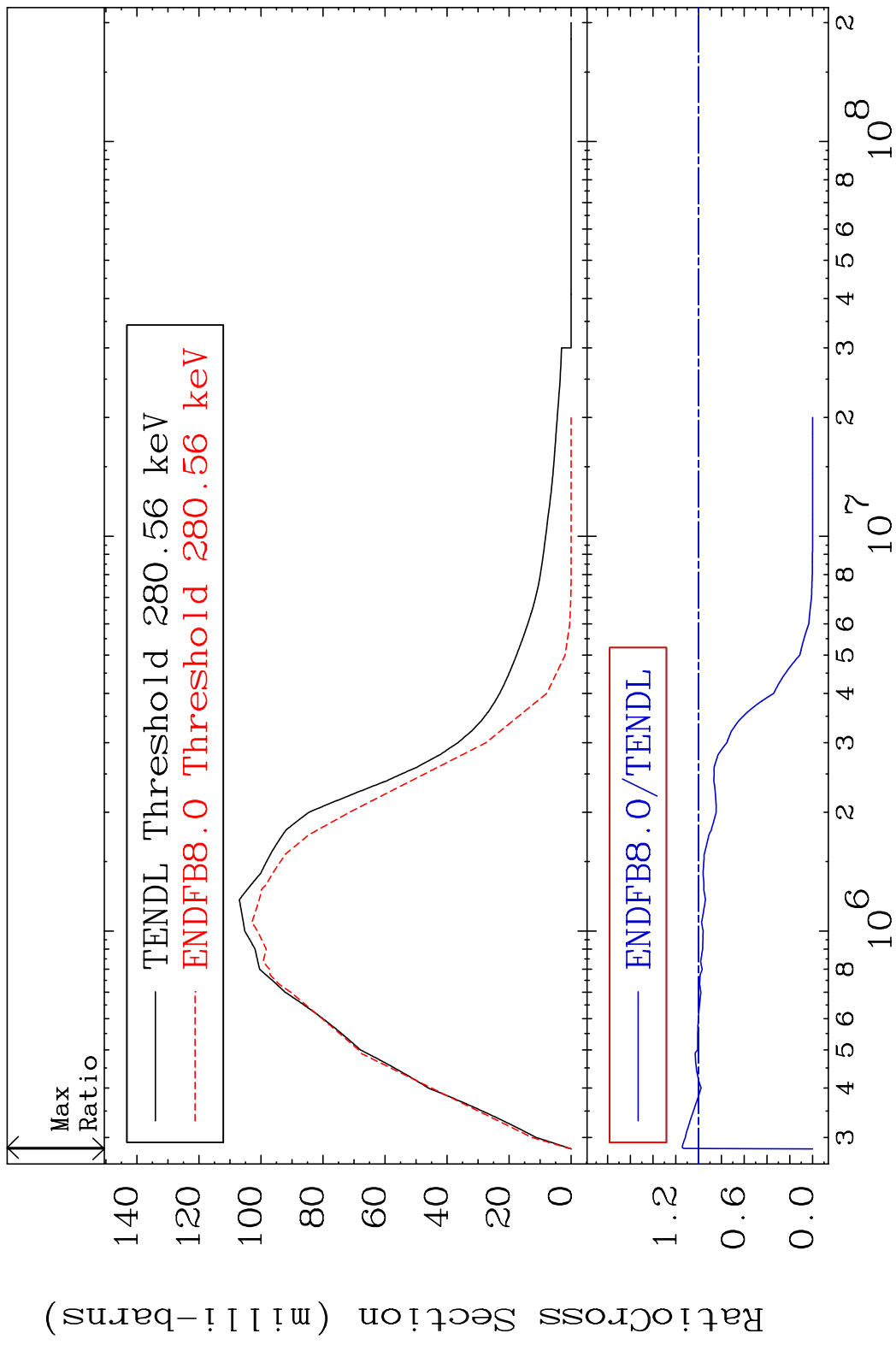
53-I -129

MAT 5331 MT= 51 (n, n') Level 53-I -129  
 Cross Section -100.0 To 80.75 %

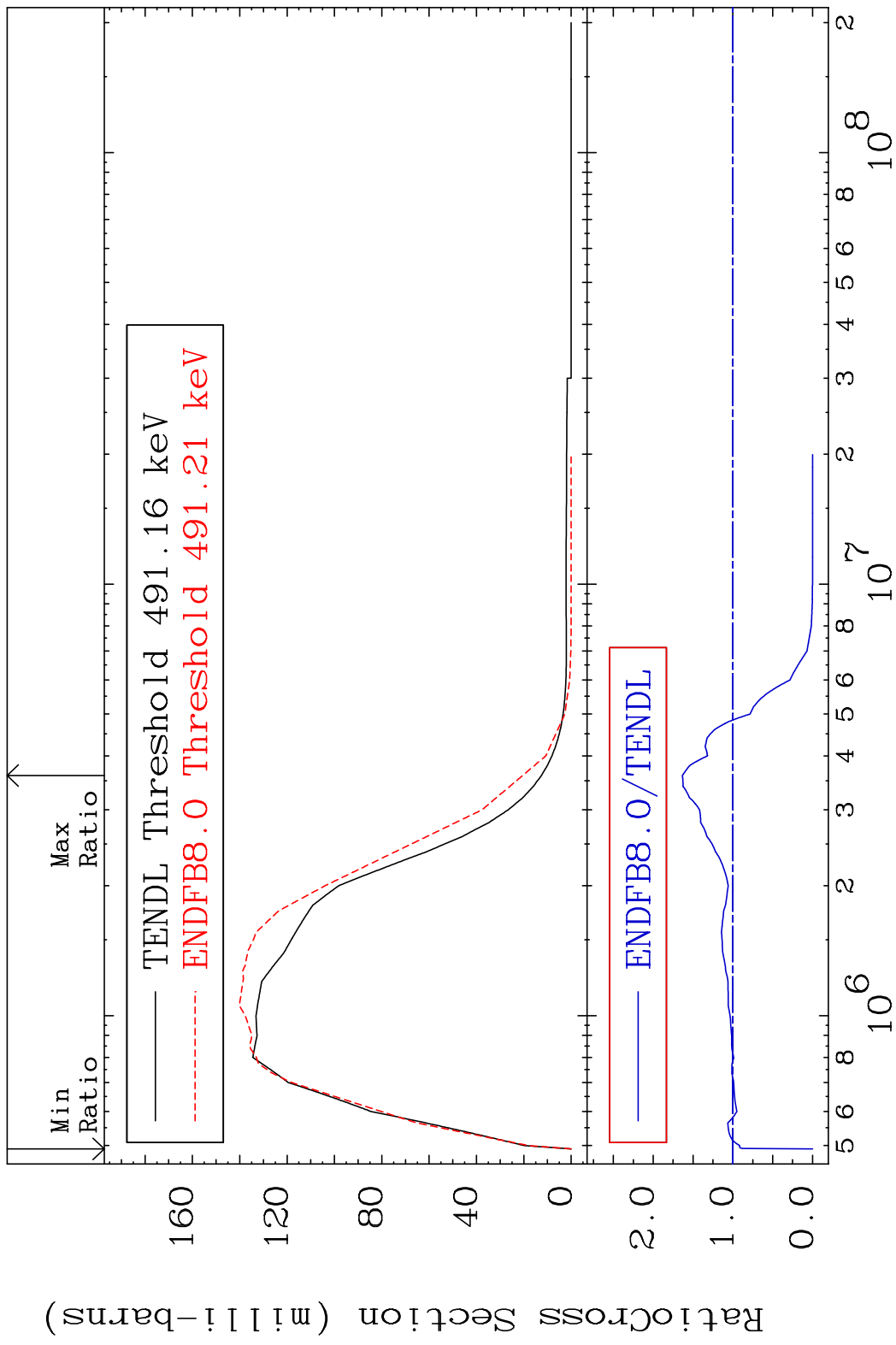


10 Incident Energy (eV) 53-I -129

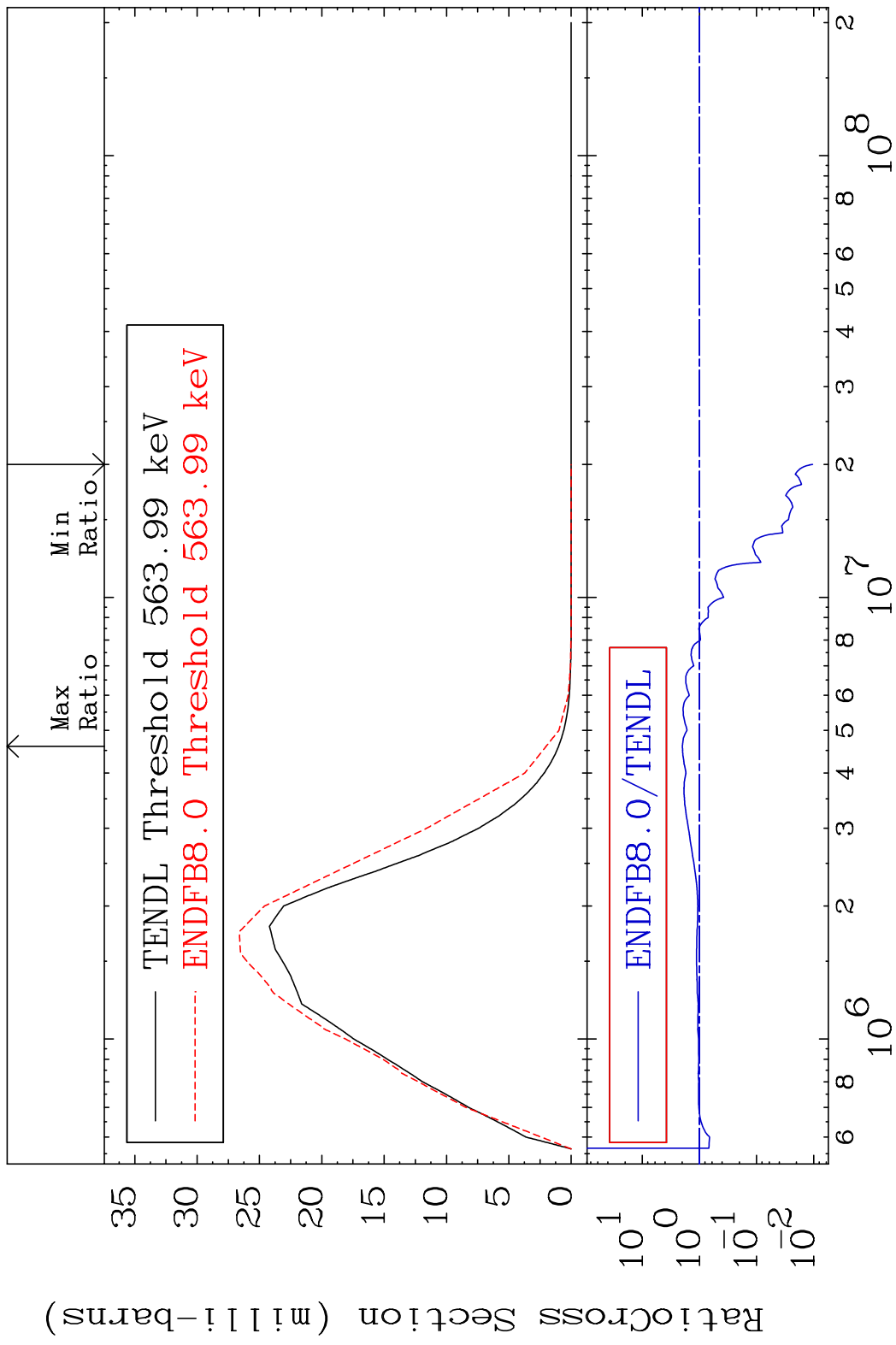
MAT 5331 MT= 52 (n,n') Level 53-I -129  
 Cross Section -100.0 To 14.30 %



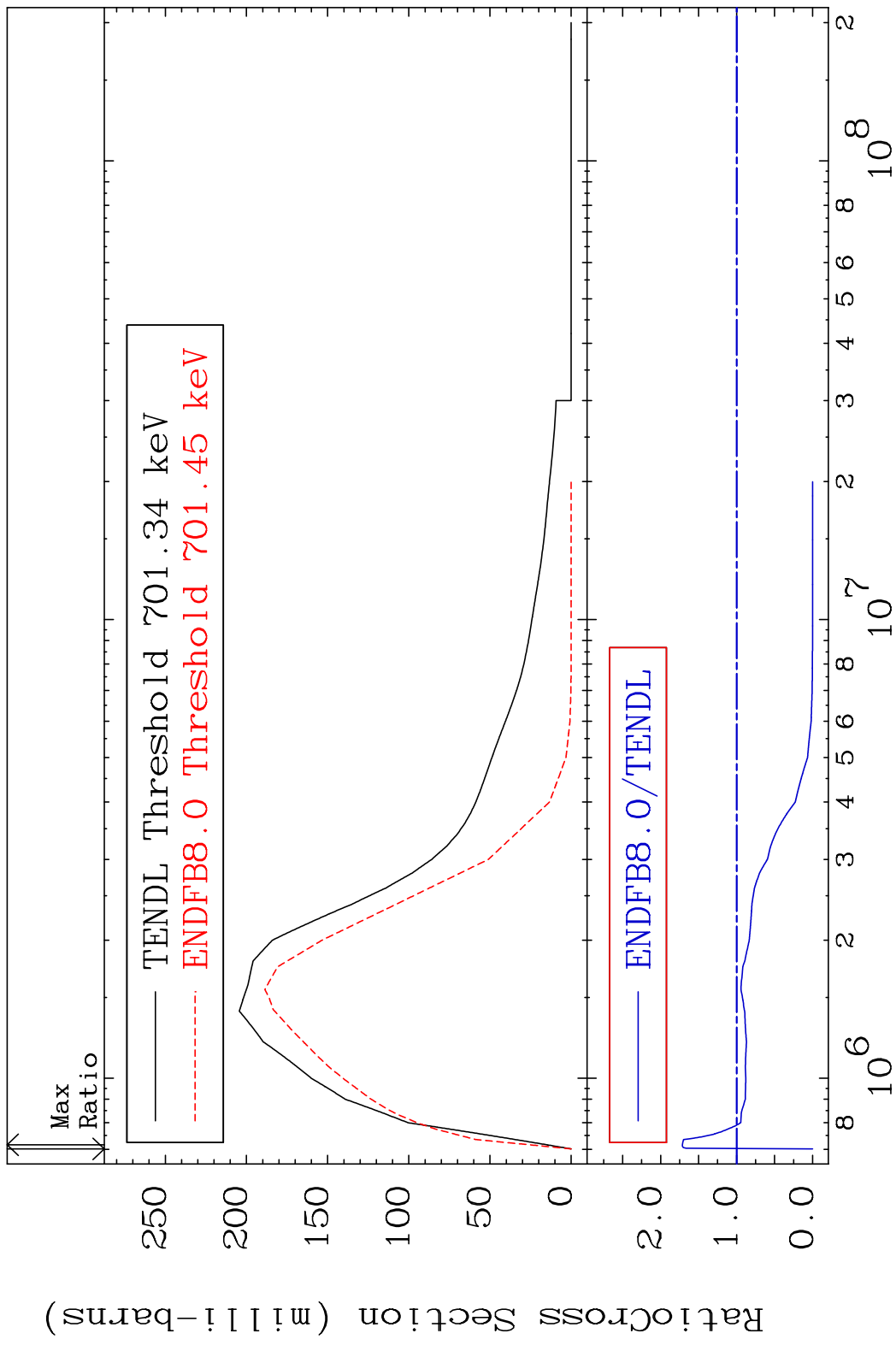
MAT 5331 MT= 53 (n, n') Level 53-I -129  
 Cross Section -100.0 To 63.38 %



MAT 5331 MT= 54 (n, n') Level 53-I -129  
 Cross Section -98.95 To 98.85 %

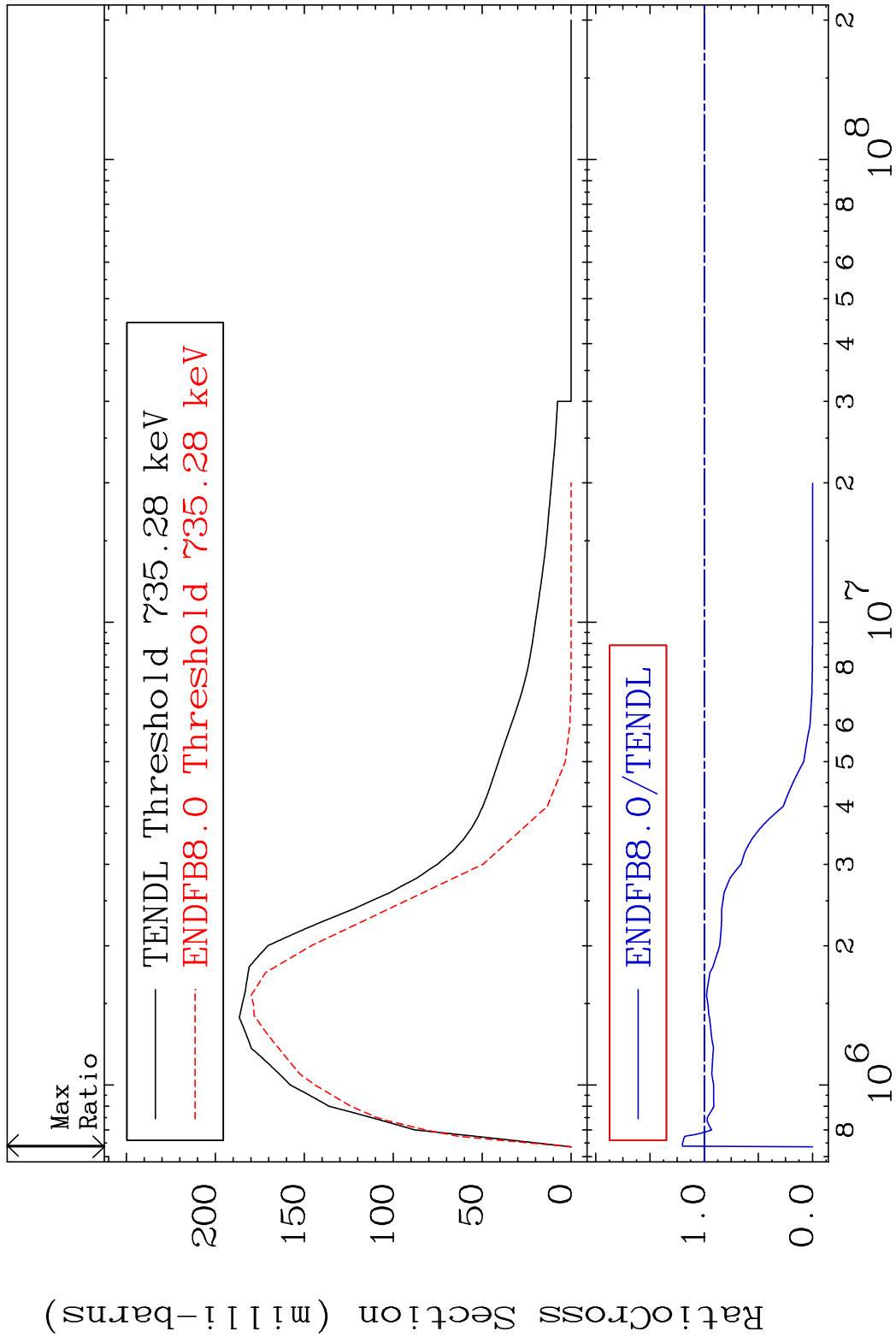


MAT 5331 MT= 55 (n,n') Level 53-I -129  
 Cross Section -100.0 To 71.43 %



14 Incident Energy (eV) 53-I -129

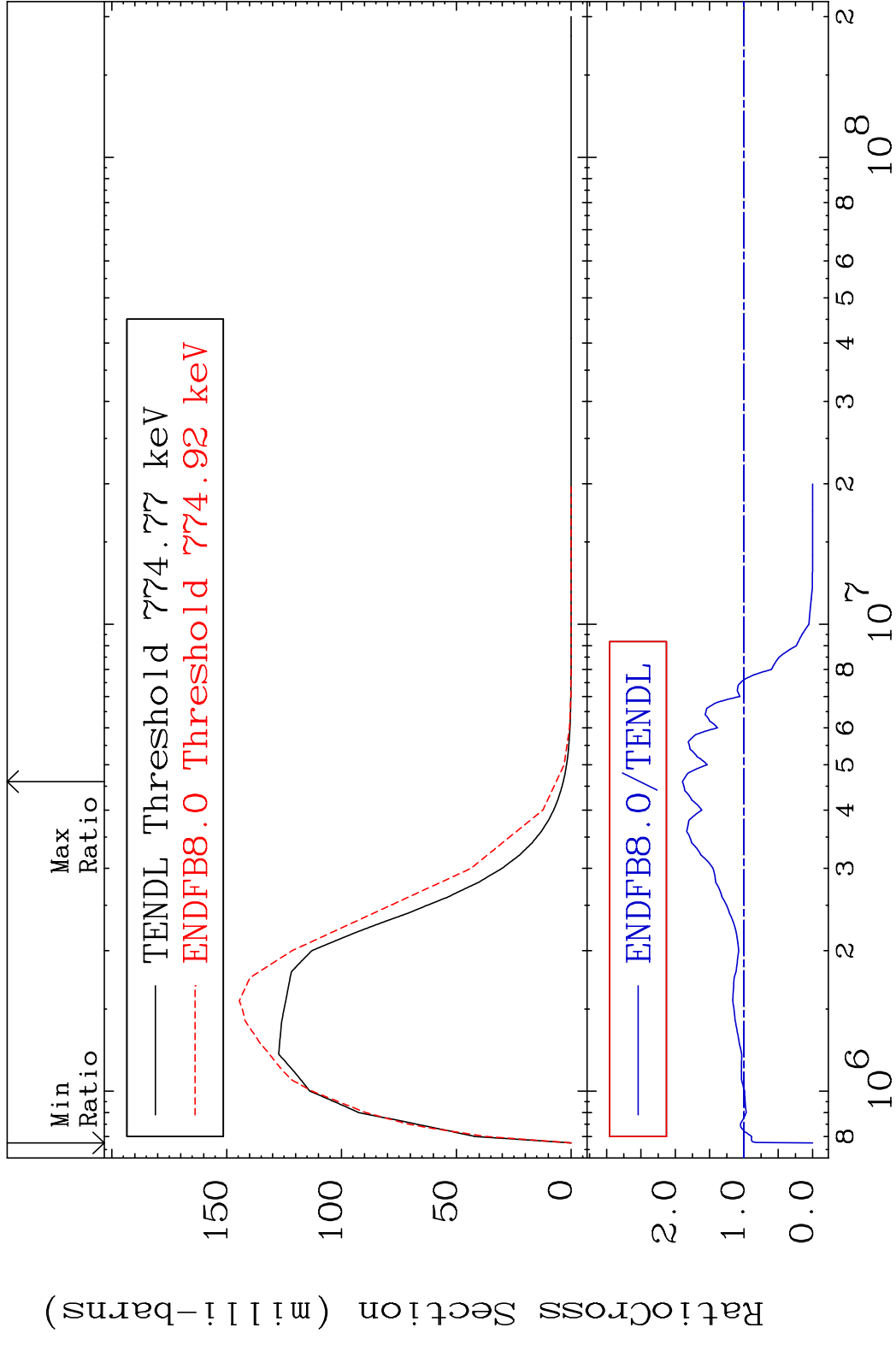
MAT 5331 MT= 56 (n,n') Level 53-I -129  
Cross Section -100.0 To 20.16 %



15 Incident Energy (eV) 53-I -129

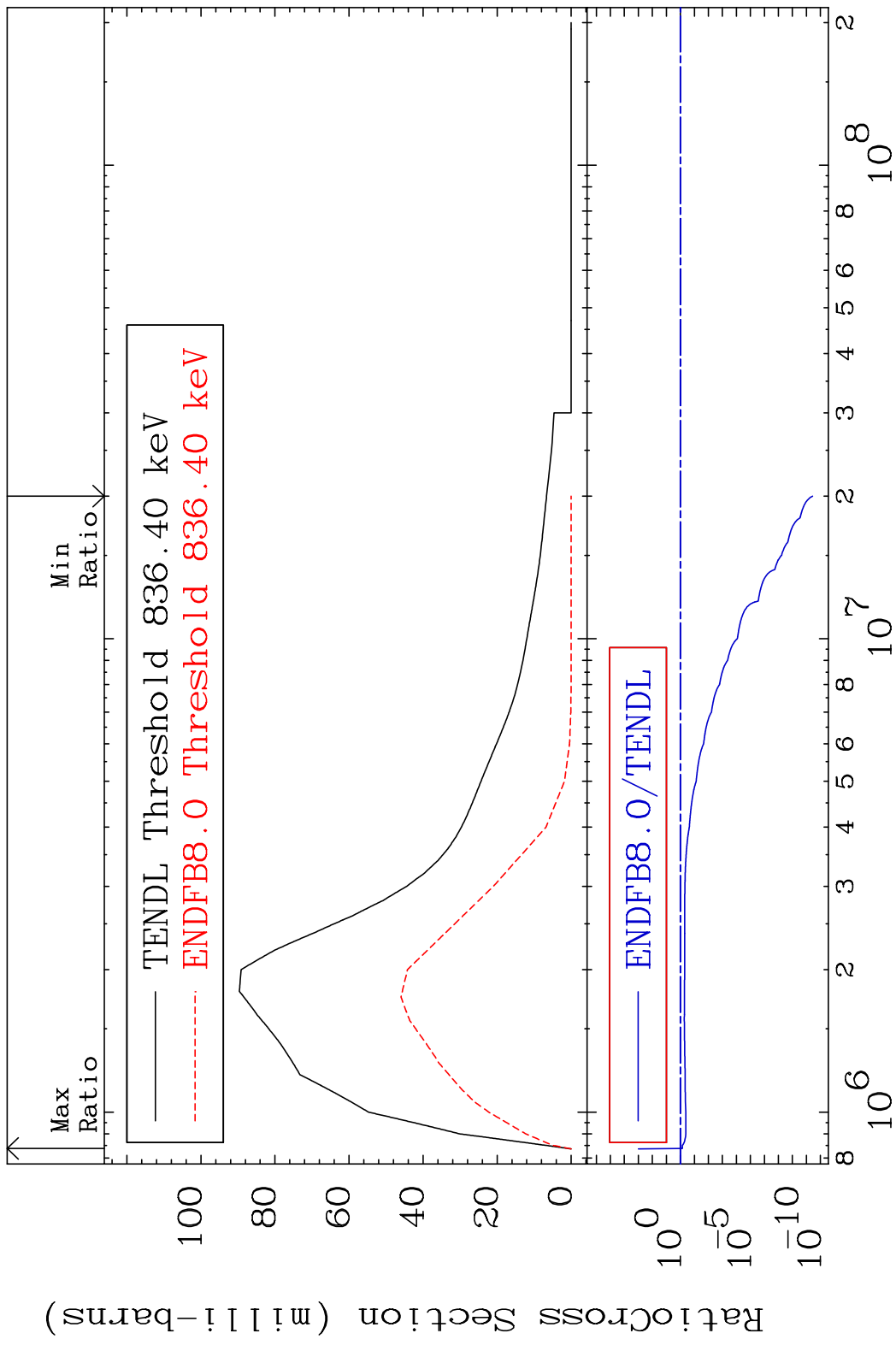


MAT 5331 MT= 57 (n,n') Level 53-I -129  
 Cross Section -100.0 To 89.70 %



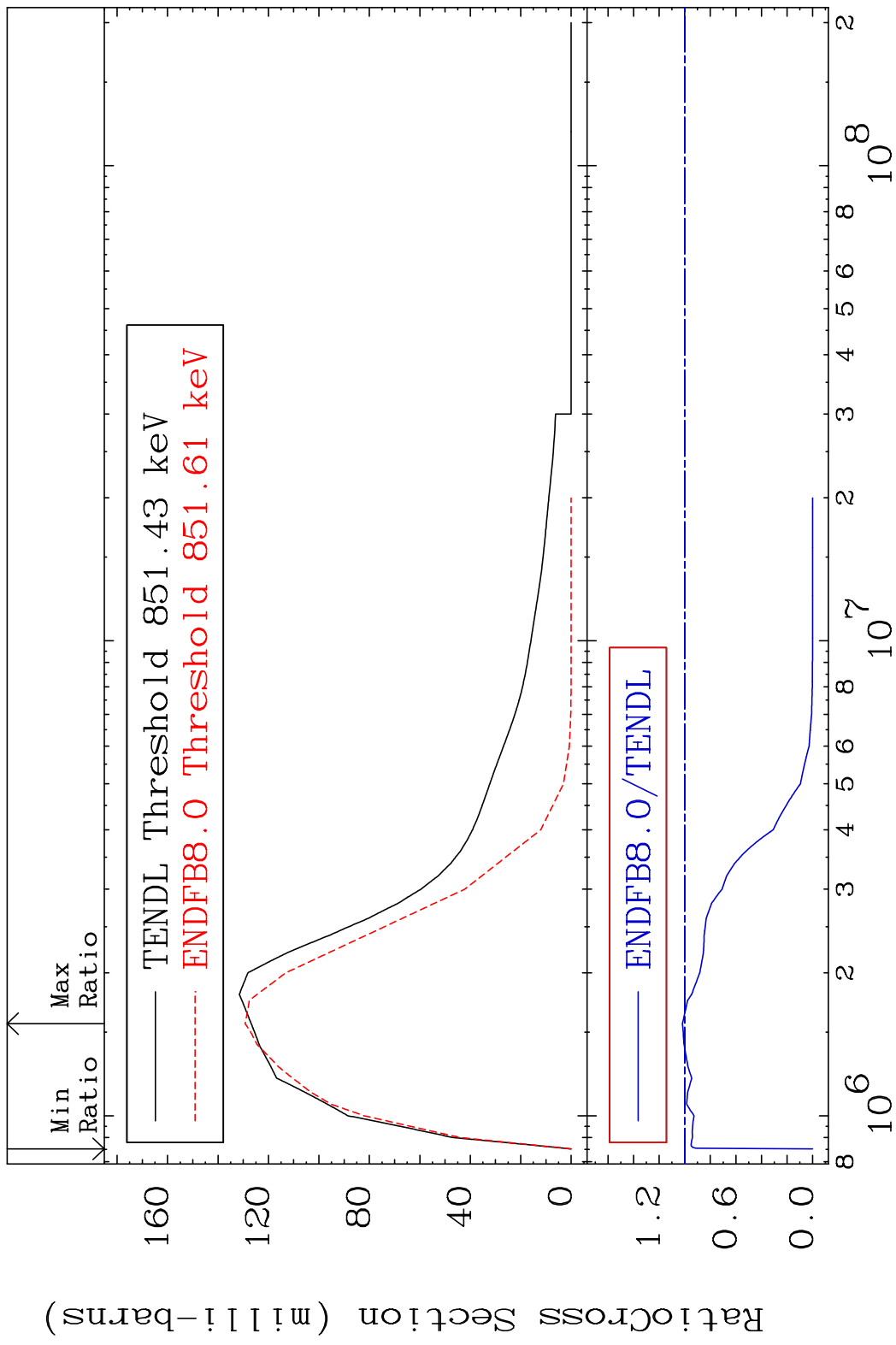
16 Incident Energy (eV) 53-I -129

MAT 5331 MT= 58 (n, n') Level 53-I -129  
 Cross Section -100.0 To -27.92%



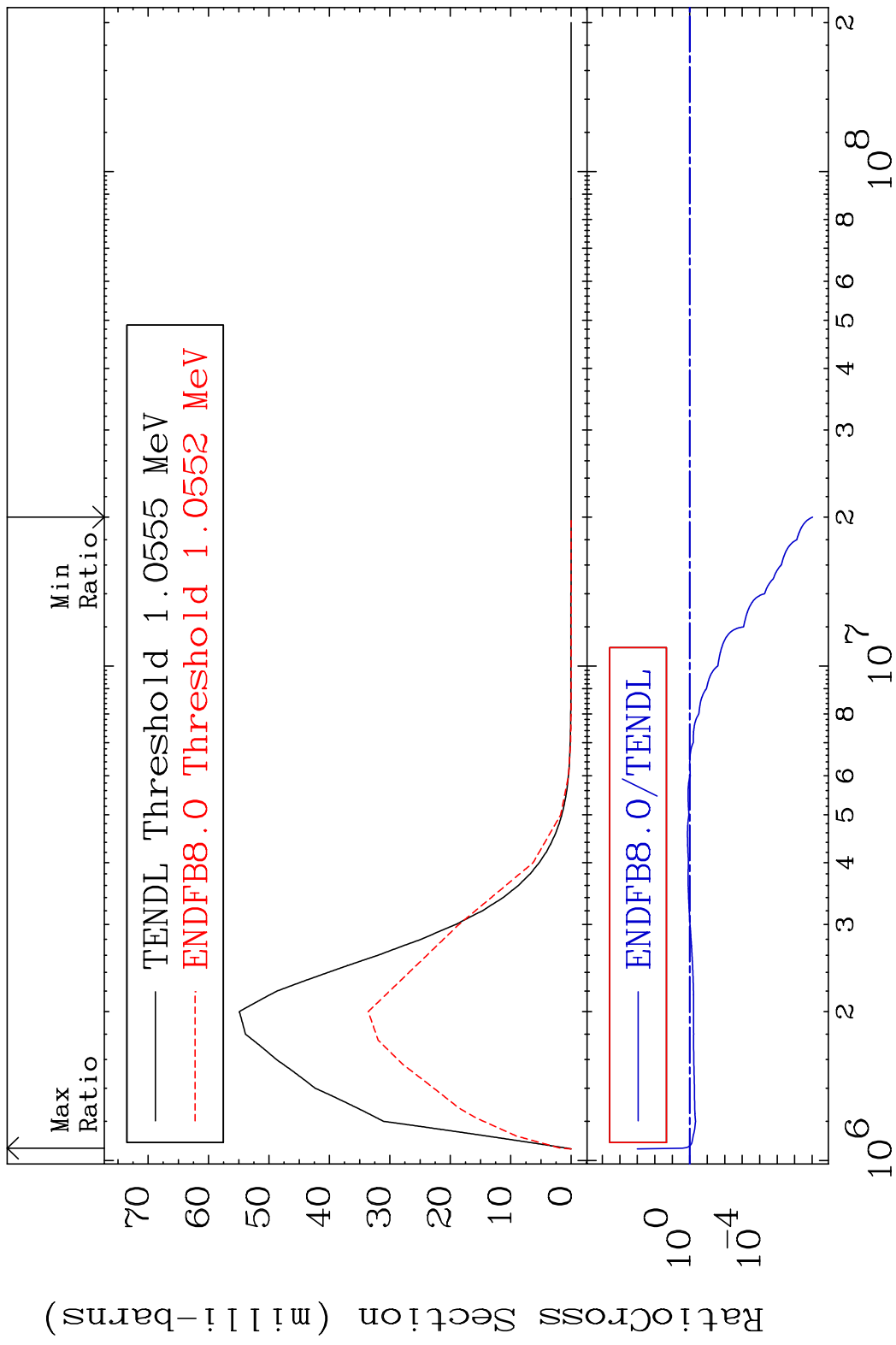
17 Incident Energy (eV) 53-I -129

MAT 5331 MT= 59 (n,n') Level 53-I -129  
 Cross Section -100.0 To 1.884 %



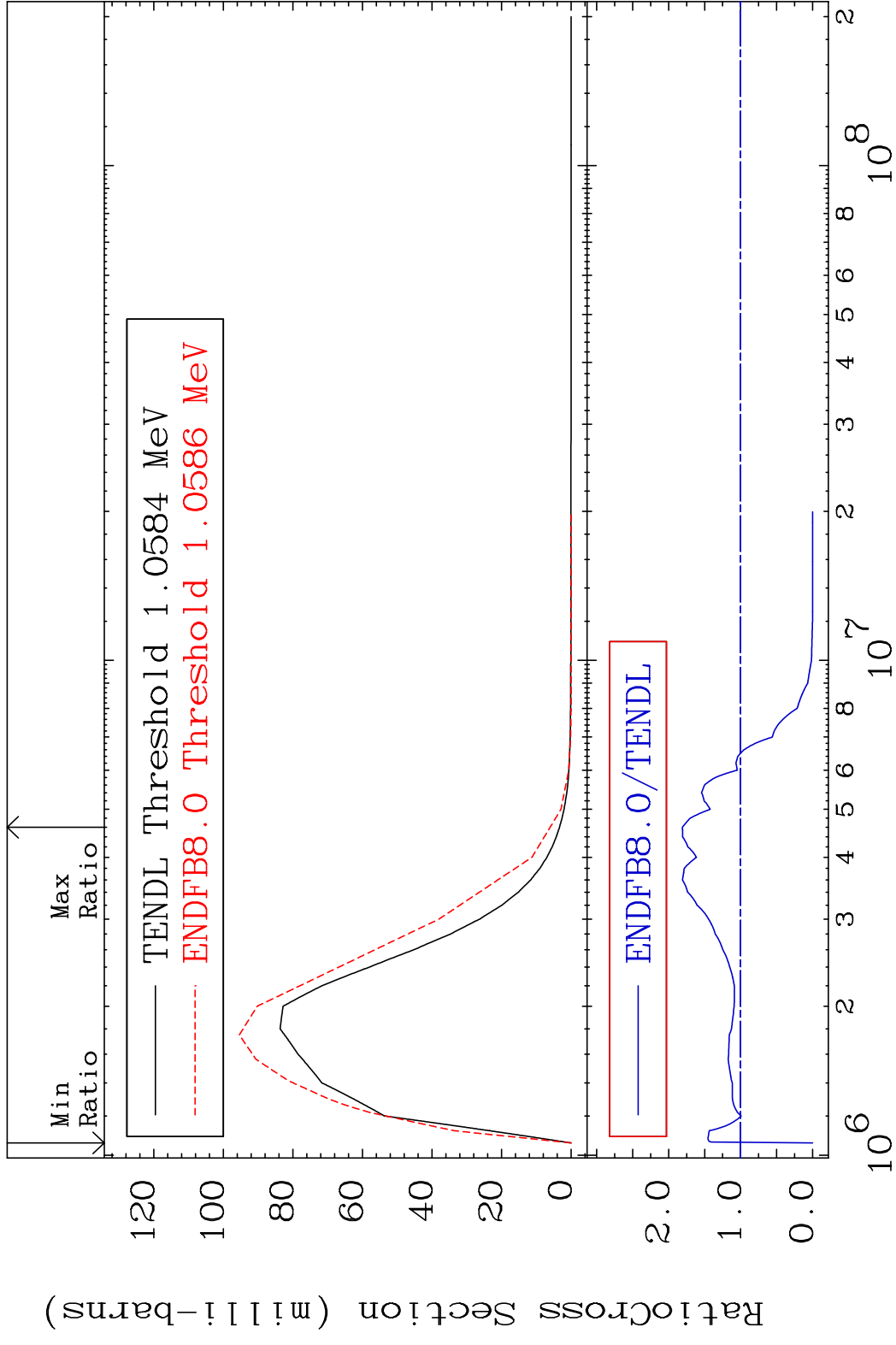
18 Incident Energy (eV) 53-I -129

MAT 5331 MT= 60 (n, n') Level 53-I -129  
 Cross Section -100.0 To 166.1 %



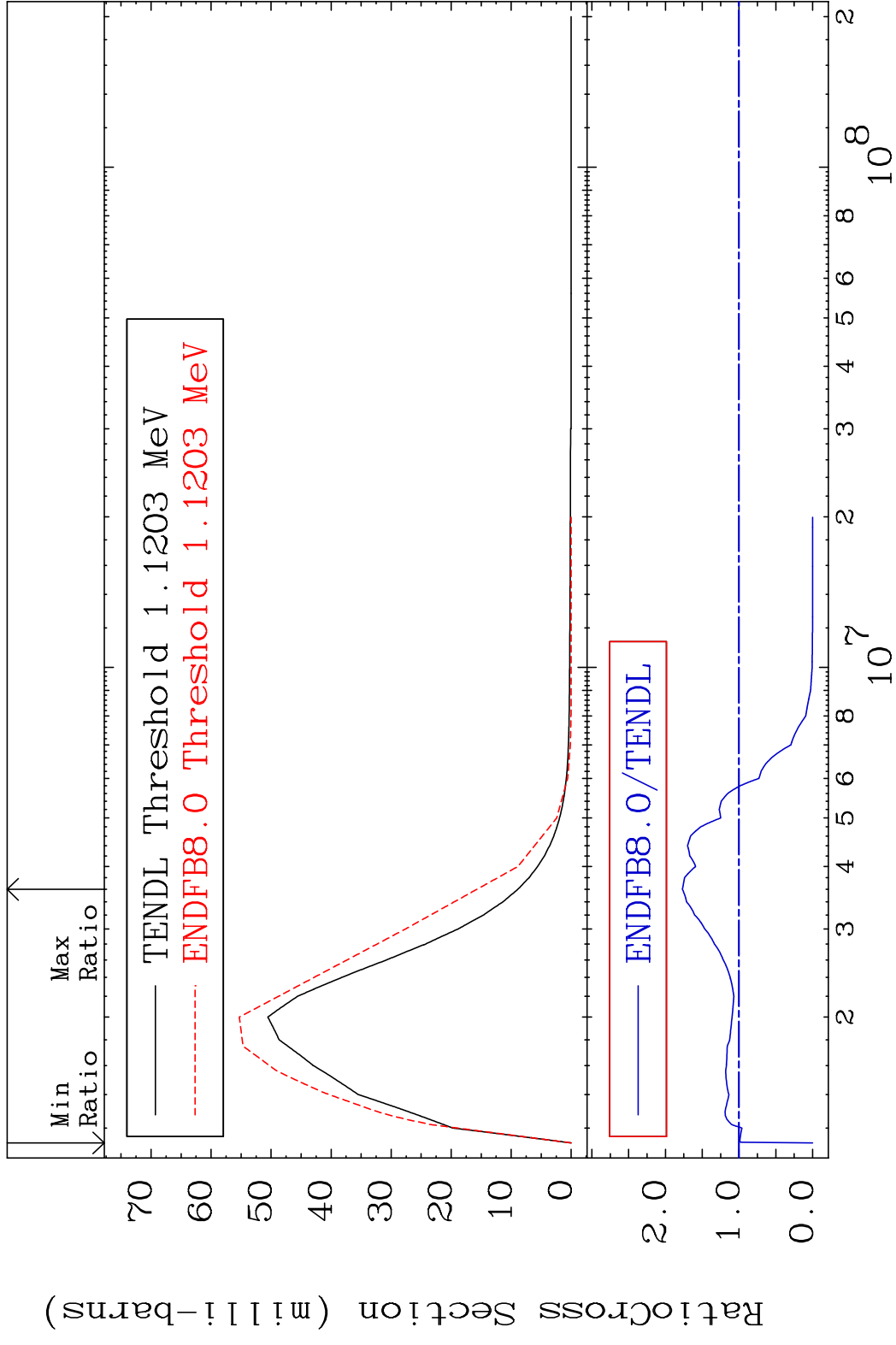
19 Incident Energy (eV) 53-I -129

MAT 5331 MT= 61 (n,n') Level 53-I -129  
 Cross Section -100.0 To 81.00 %

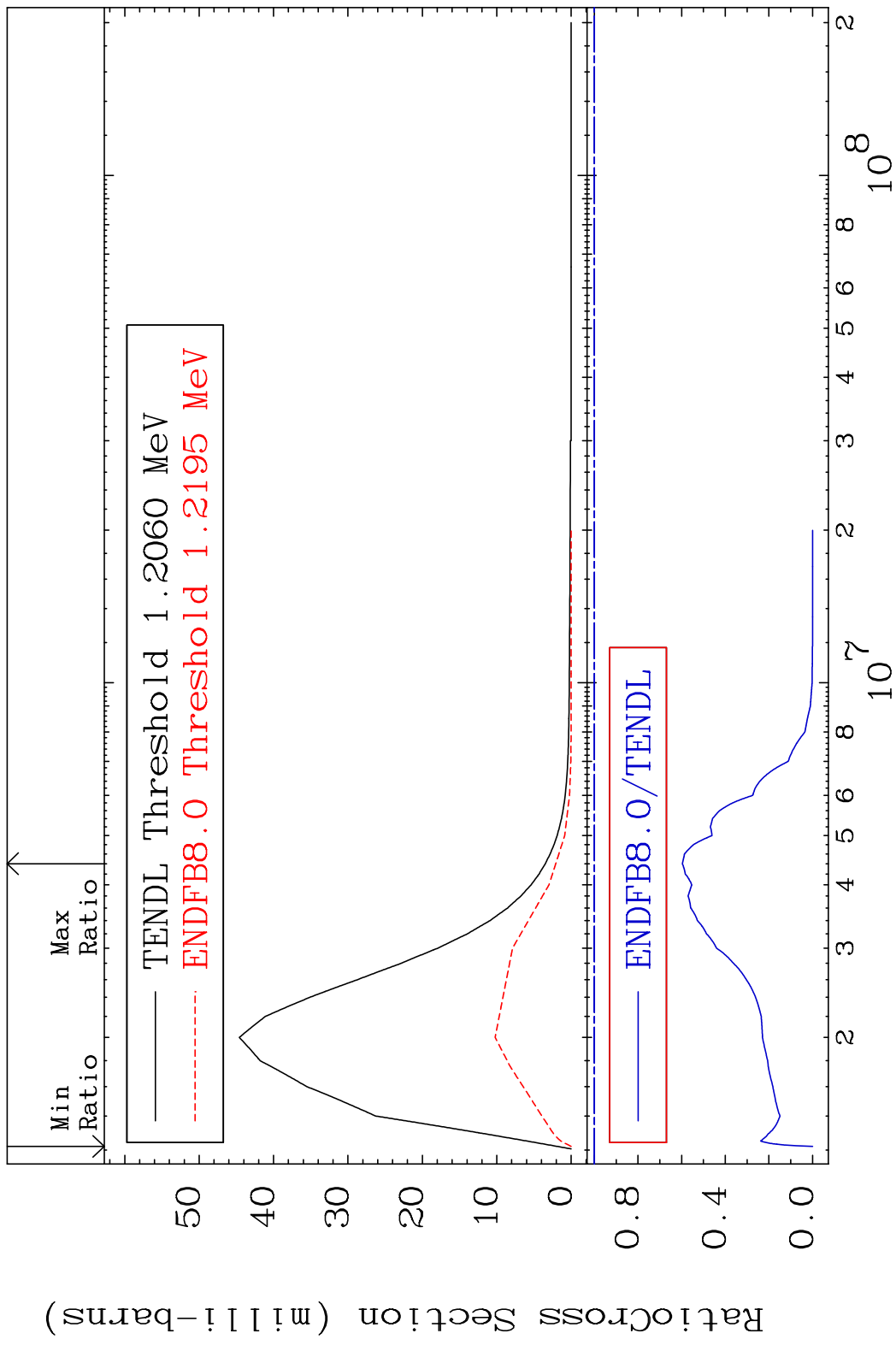


20 Incident Energy (eV) 53-I -129

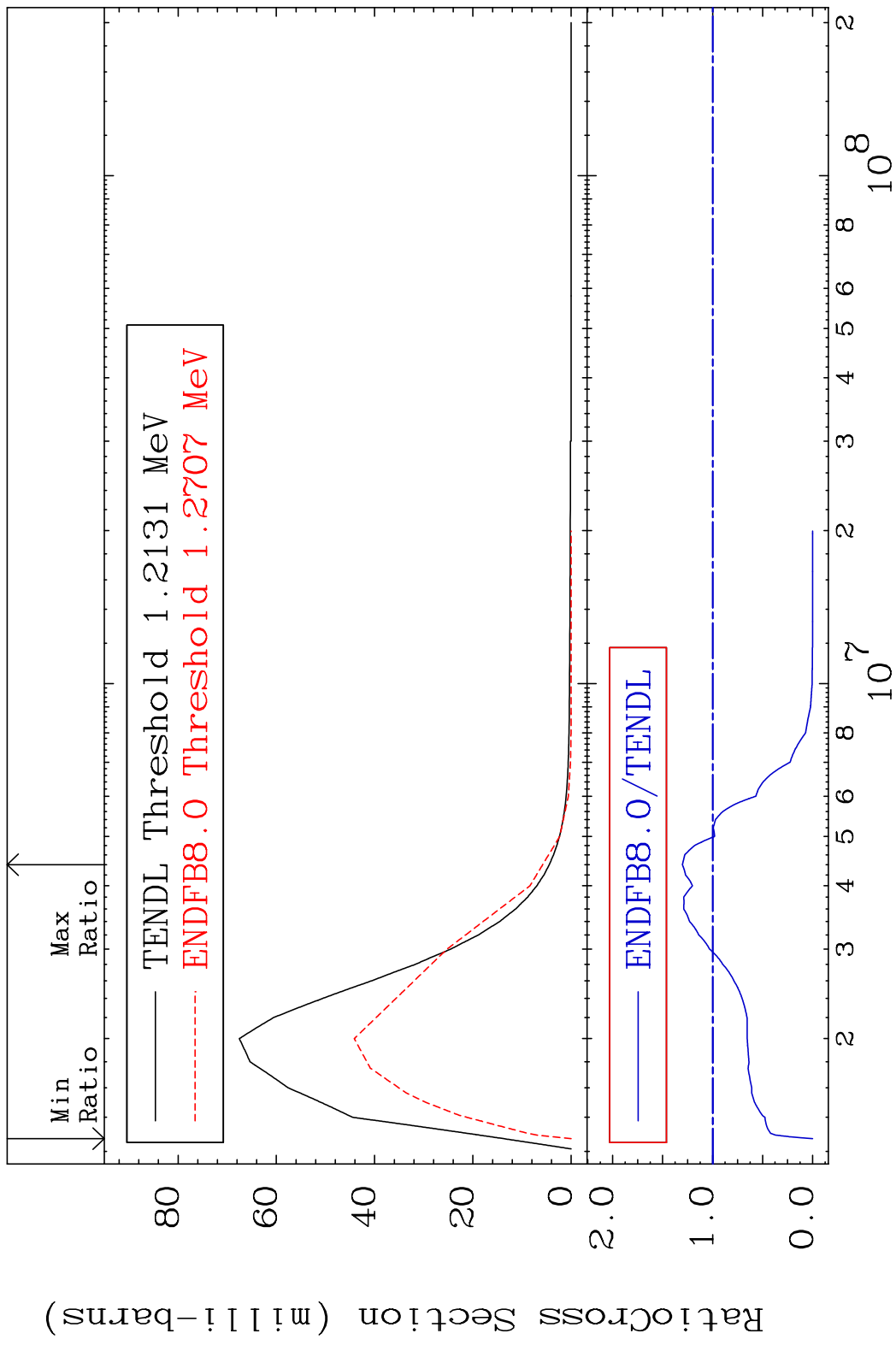
MAT 5331 MT= 62 (n,n') Level 53-I -129  
 Cross Section -100.0 To 77.01 %



MAT 5331 MT= 63 (n,n') Level 53-I -129  
 Cross Section -100.0 To -40.32%

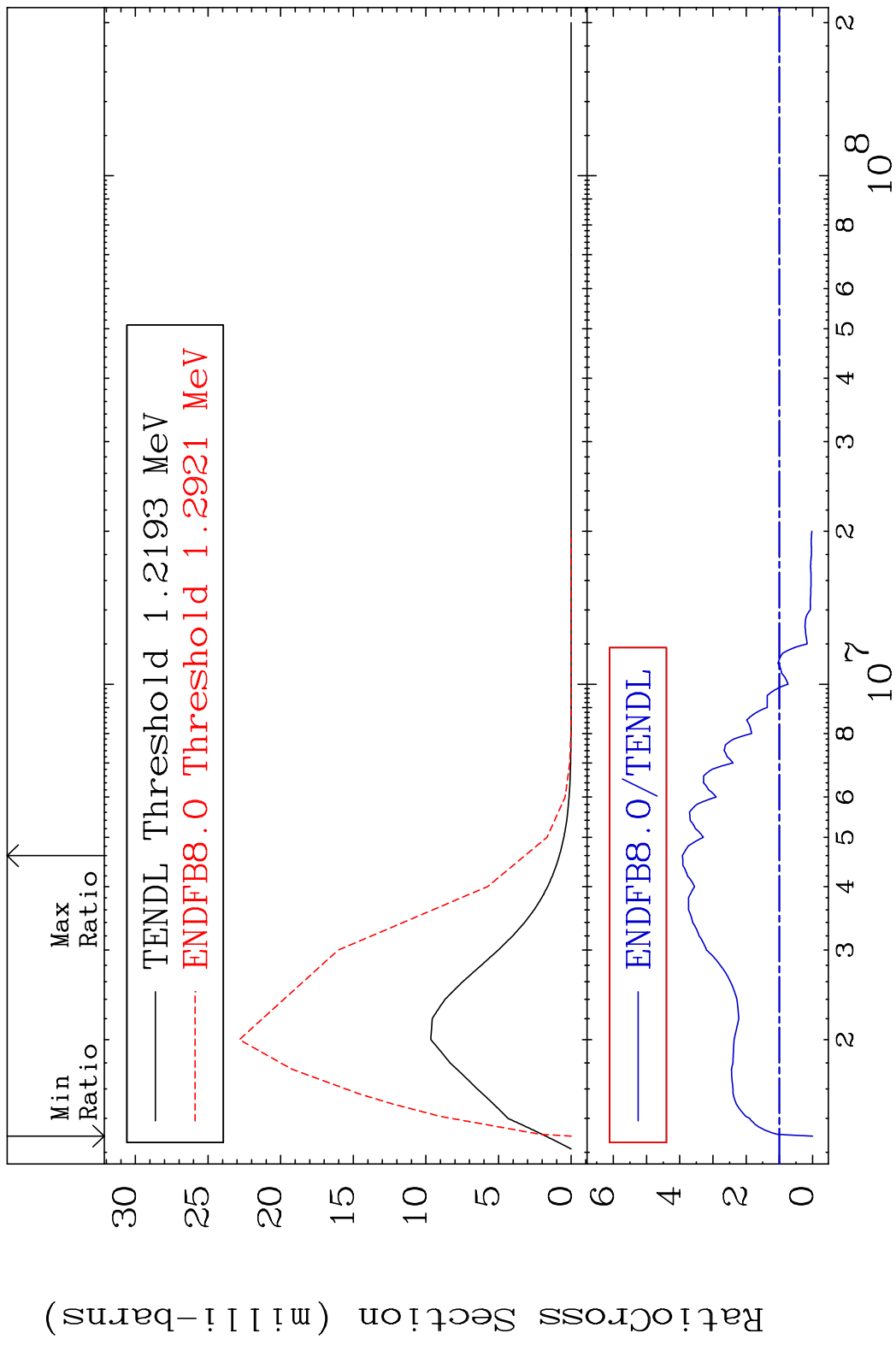


MAT 5331 MT= 64 (n,n') Level 53-I -129  
 Cross Section -100.0 To 30.28 %

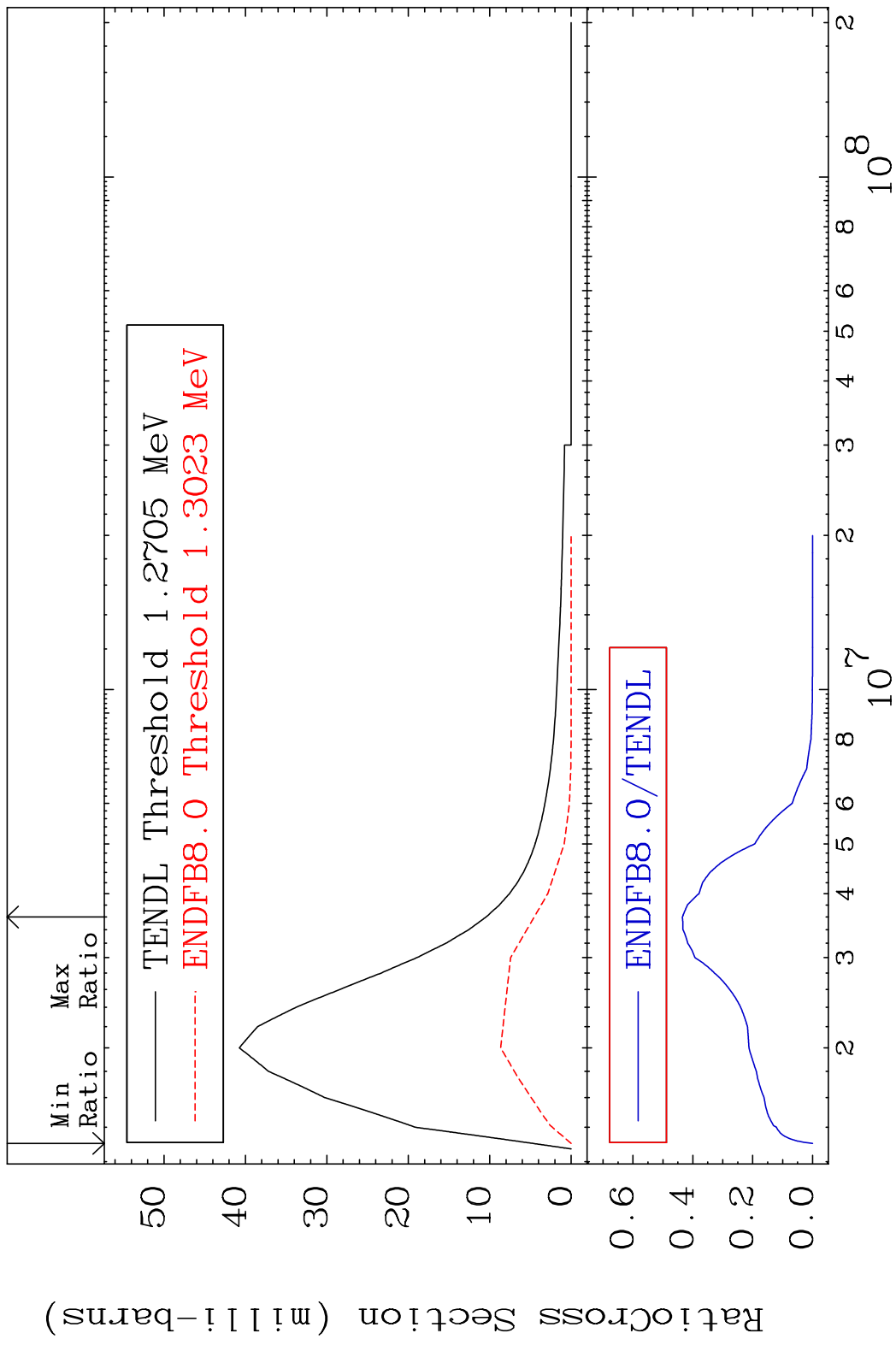




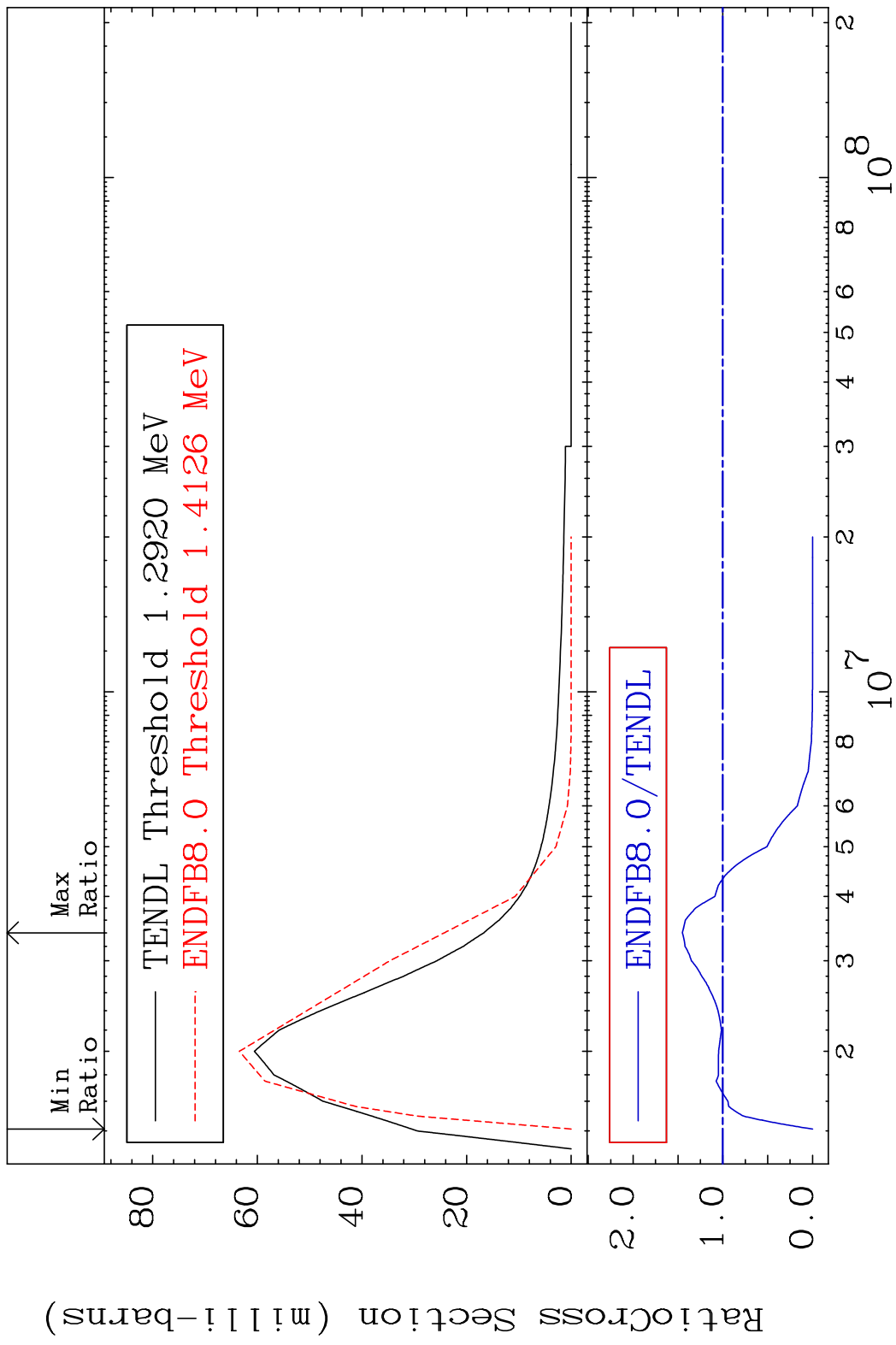
MAT 5331 MT= 65 (n,n') Level 53-I -129  
 Cross Section -100.0 To 292.2 %



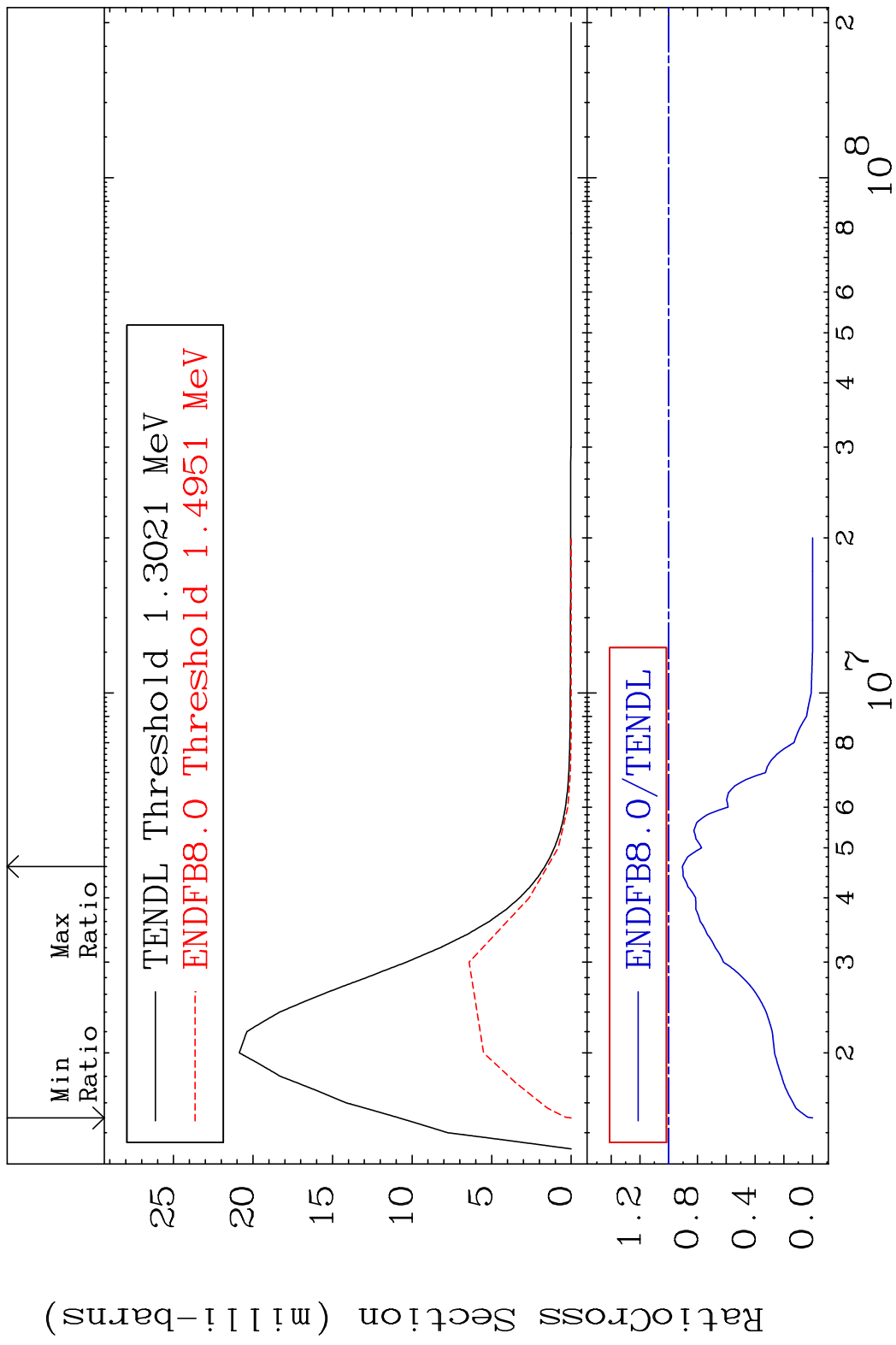
MAT 5331 MT= 66 (n,n') Level 53-I -129  
 Cross Section -100.0 To -56.50%



MAT 5331 MT= 67 (n,n') Level 53-I -129  
 Cross Section -100.0 To 45.13 %



MAT 5331 MT= 68 (n,n') Level 53-I -129  
 Cross Section -100.0 To -9.449%

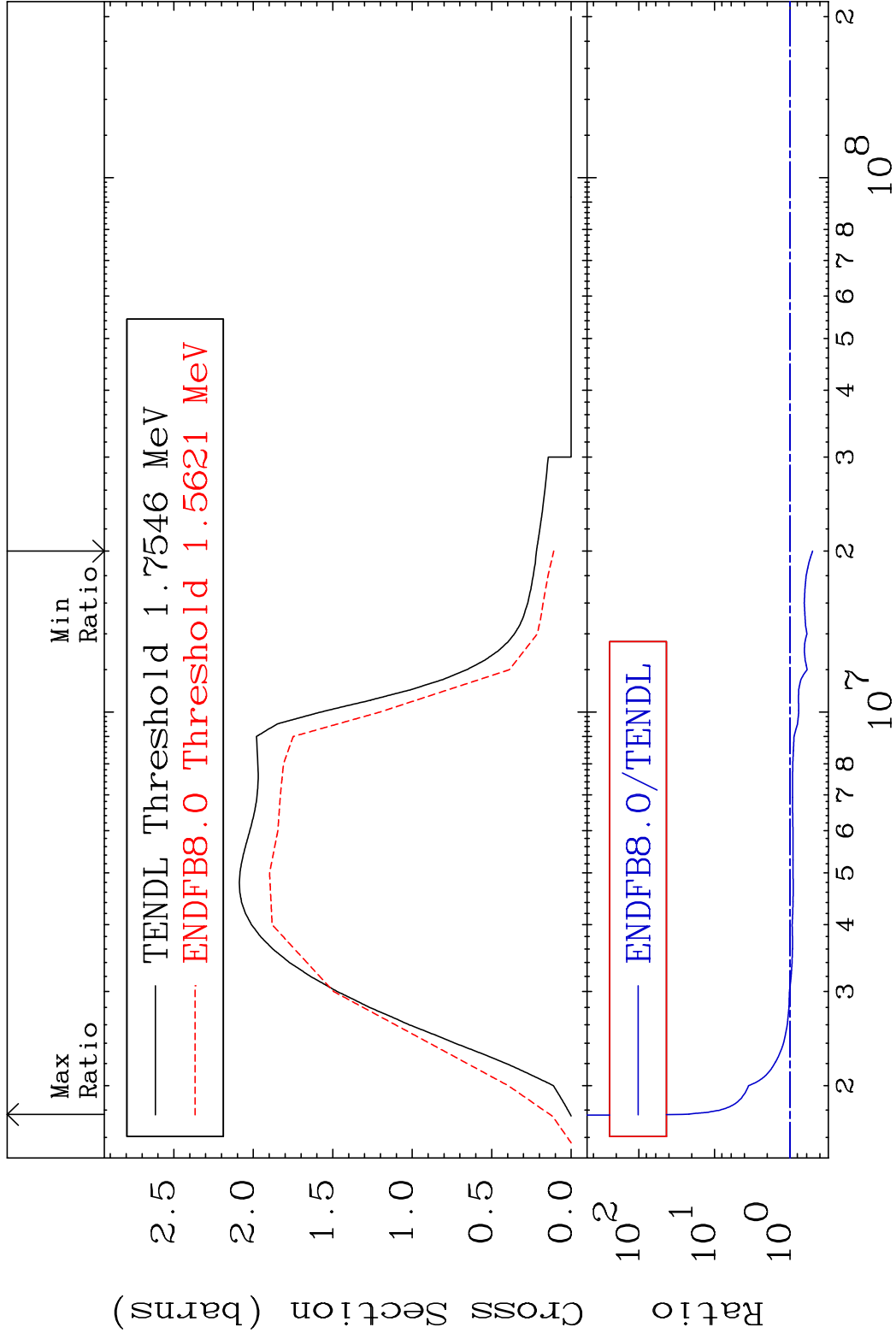


MAT 5331

(n, n') Continuum

53-I -129

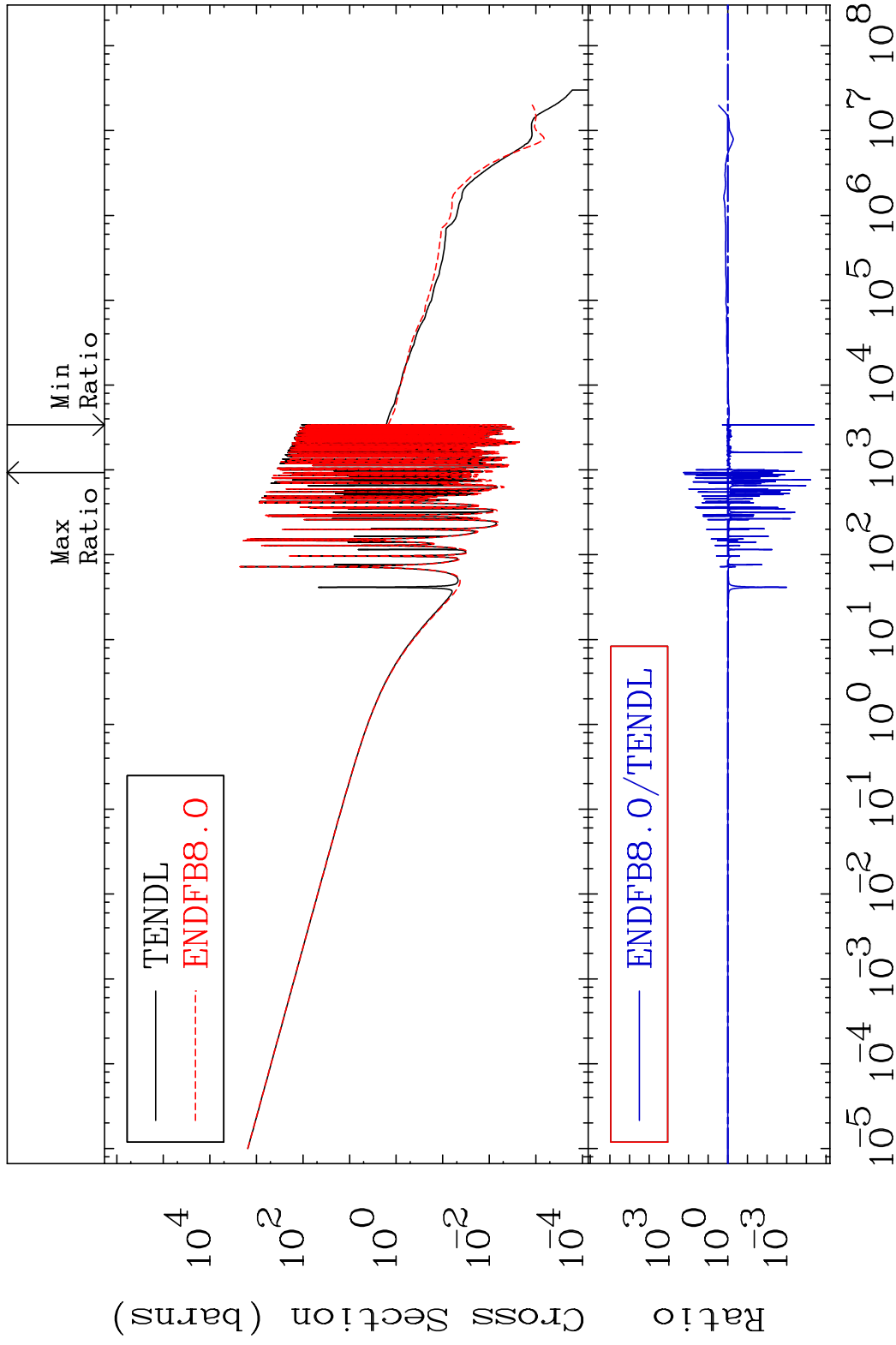
Cross Section -49.78 To 2561. %



MAT 5331

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

53-I -129



29

Incident Energy (eV)

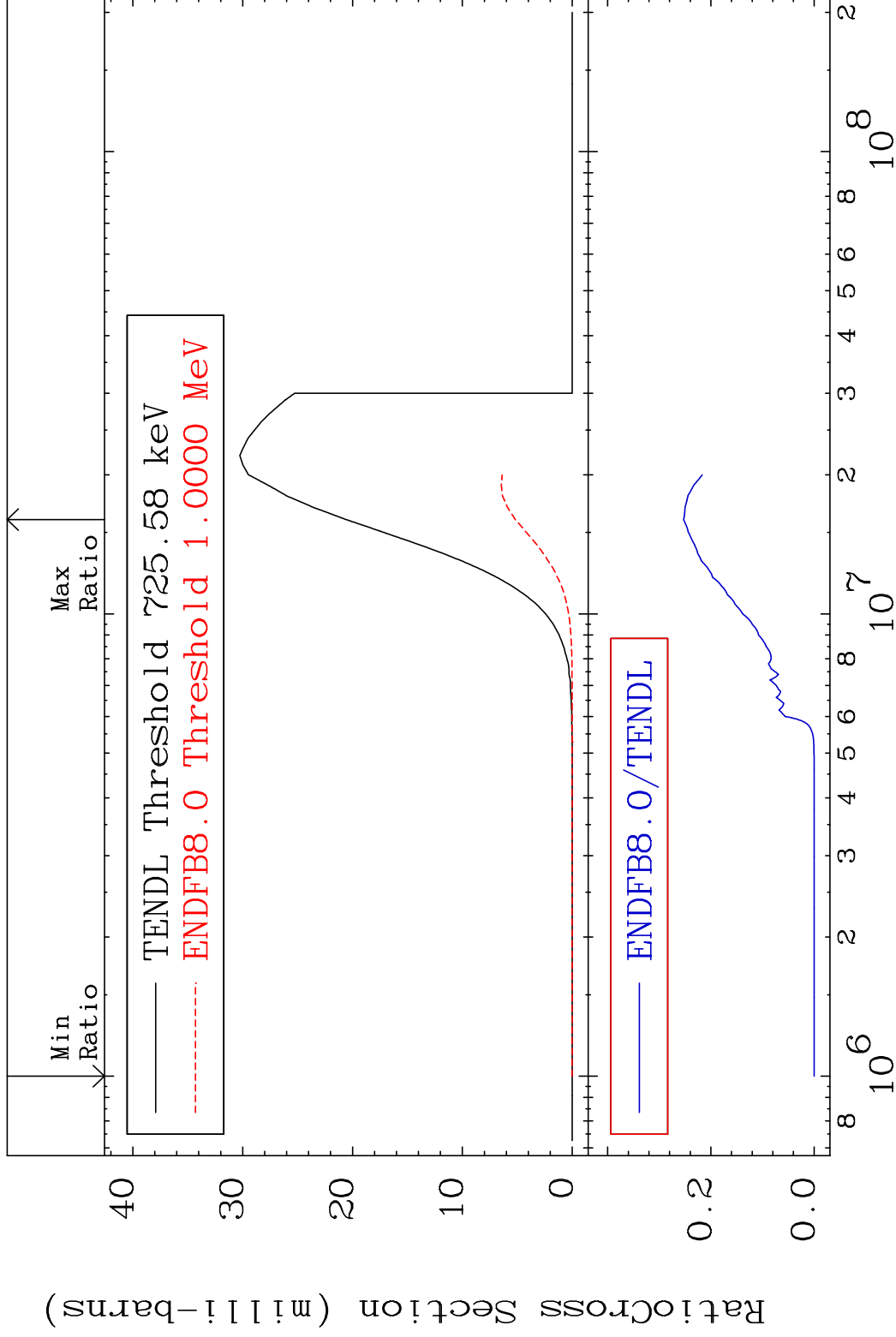
53-I -129

MAT 5331

(n,p)

53-I -129

Cross Section -100.0 To -74.73%



30

Incident Energy (eV)

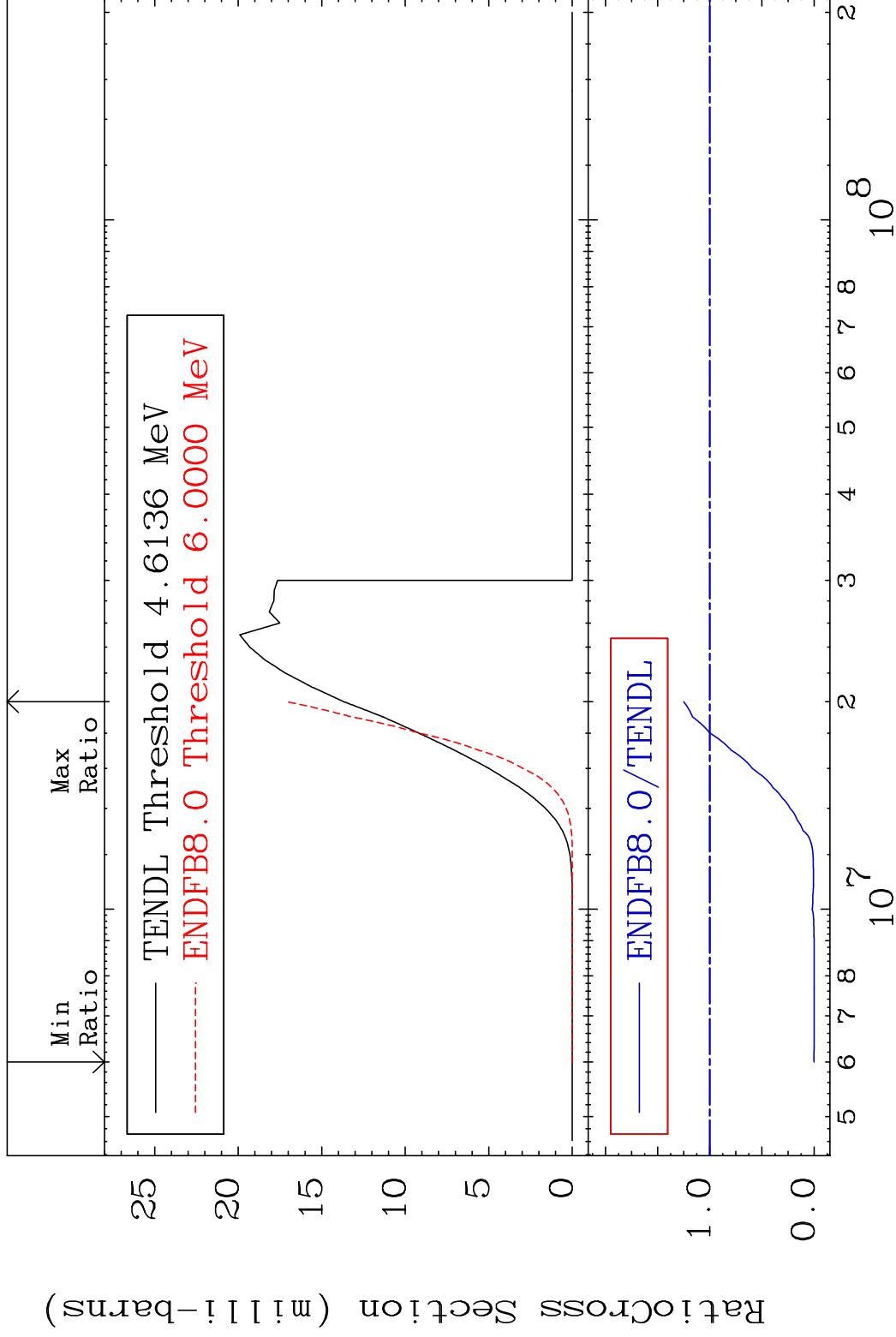
53-I -129

MAT 5331

(n,d)

53-I -129

Cross Section -100.0 To 25.05 %



31

Incident Energy (eV)

53-I -129

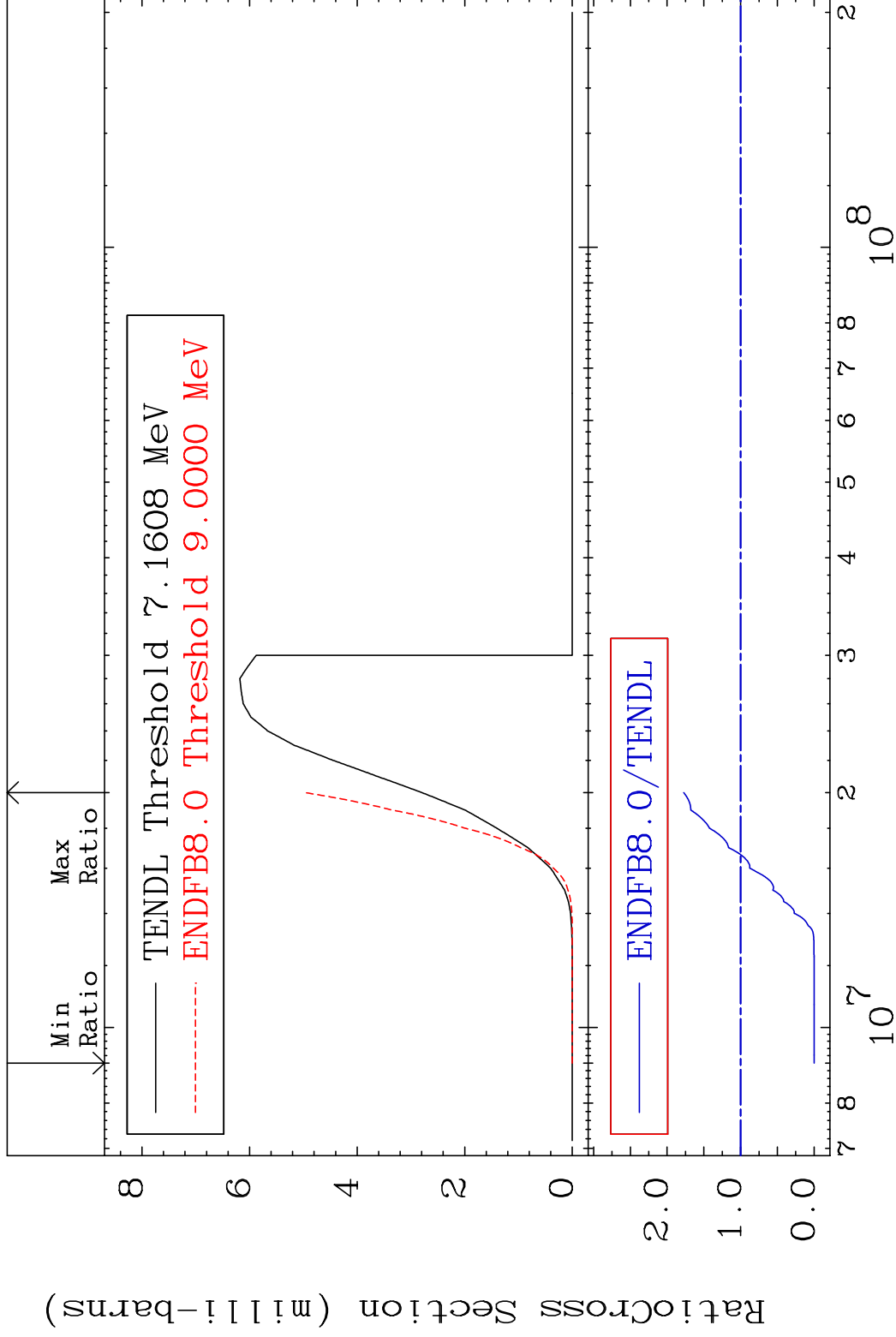


MAT 5331

(n, t)

53-I -129

Cross Section -100.0 To 77.49 %



32

Incident Energy (eV)

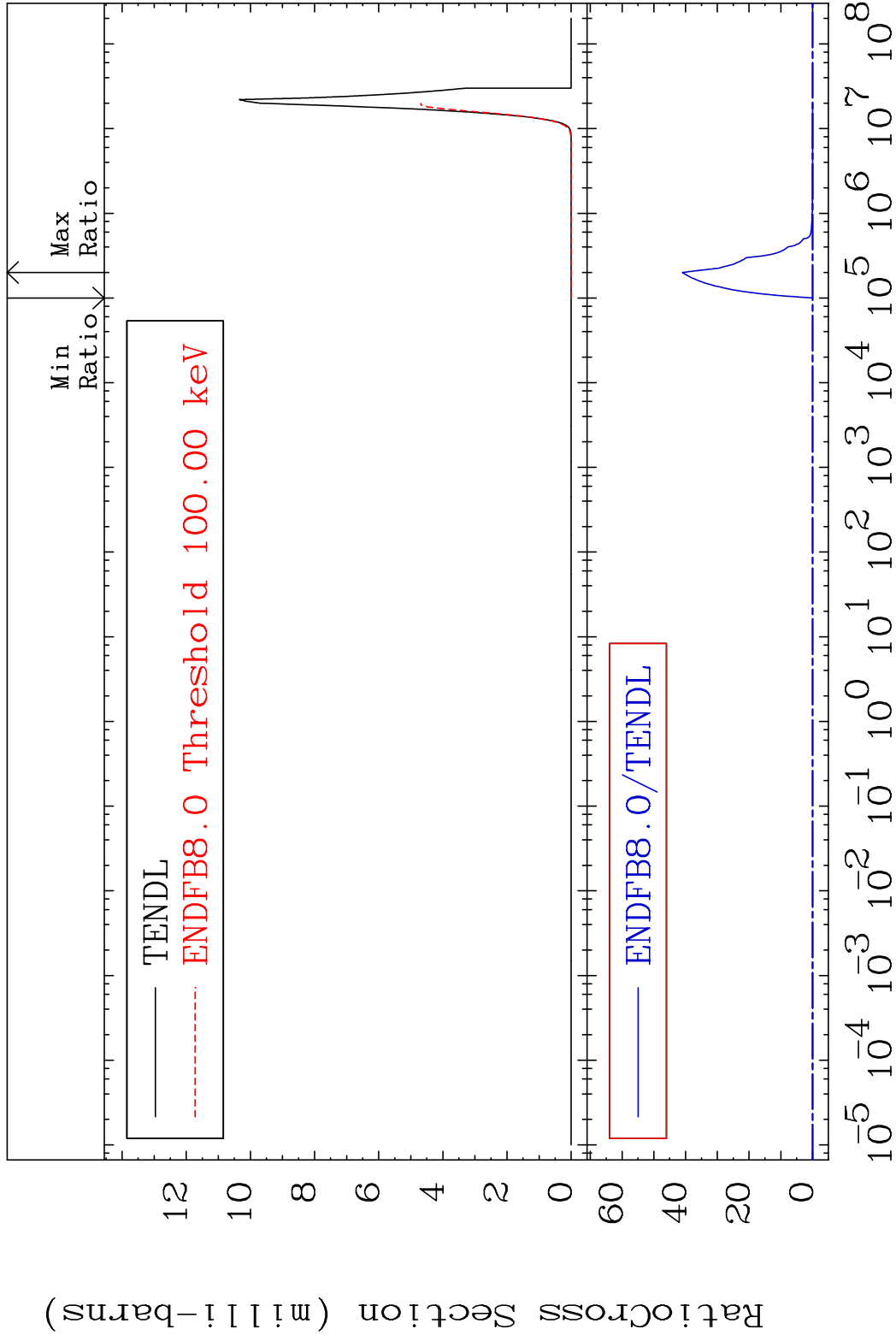
53-I -129

MAT 5331

(n,  $\alpha$ )

53-I -129

Cross Section -100.0 To 9999. %



33

Incident Energy (eV)

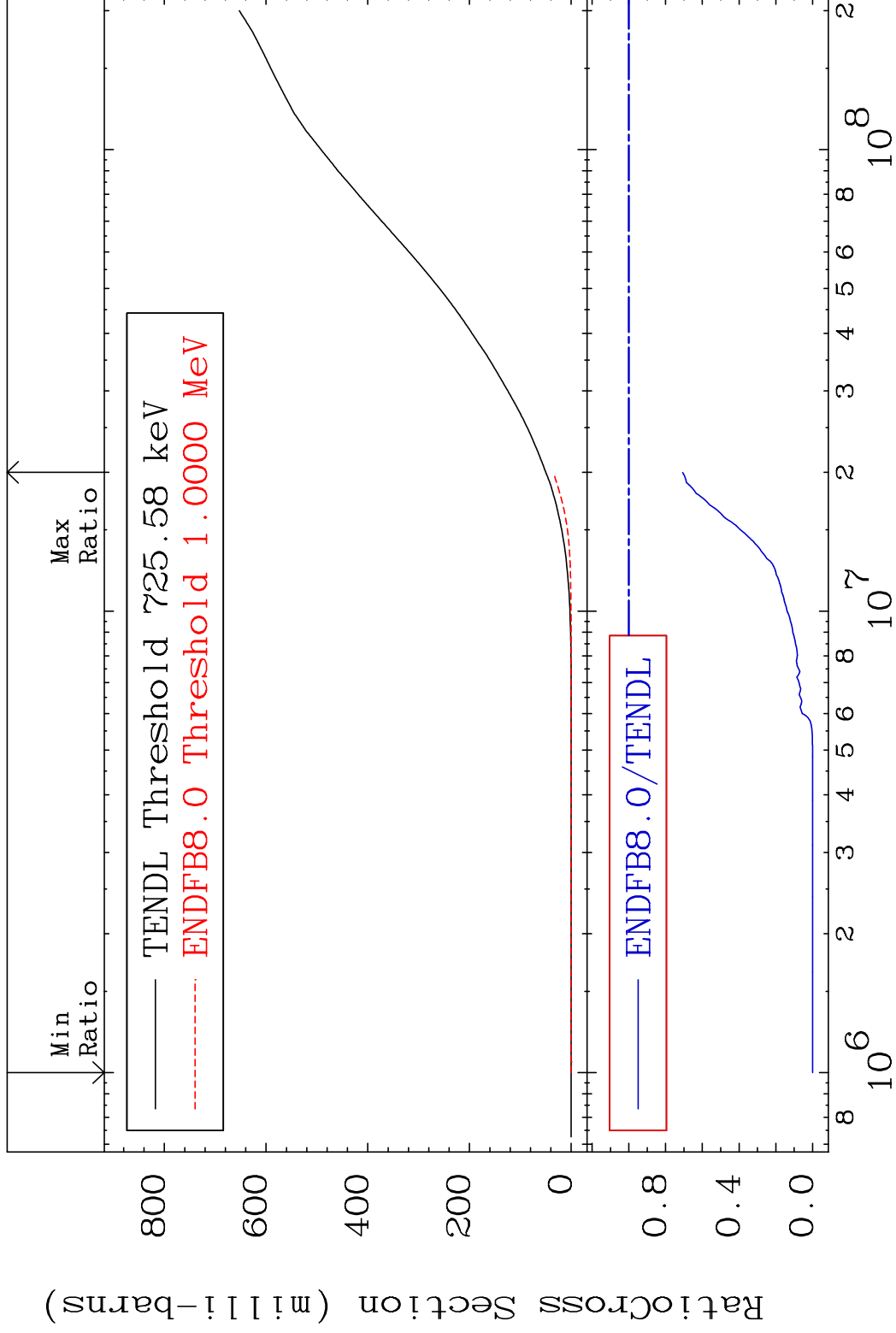
53-I -129

MAT 5331

Hydrogen Production

53-I -129

Cross Section -100.0 To -29.12%



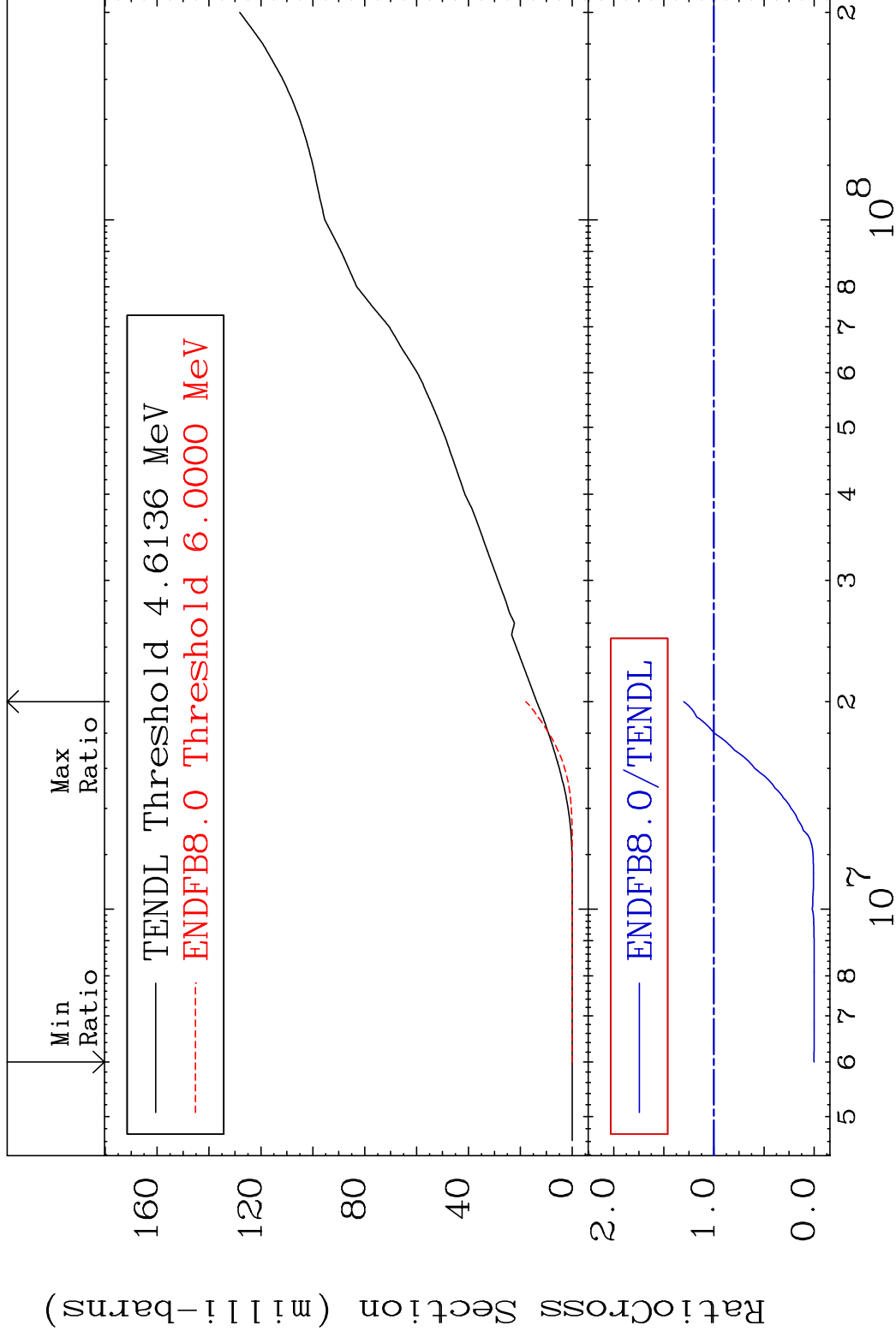
34

Incident Energy (eV)

53-I -129

MAT 5331

Deuterium Production 53-I -129  
Cross Section -100.0 To 30.22 %



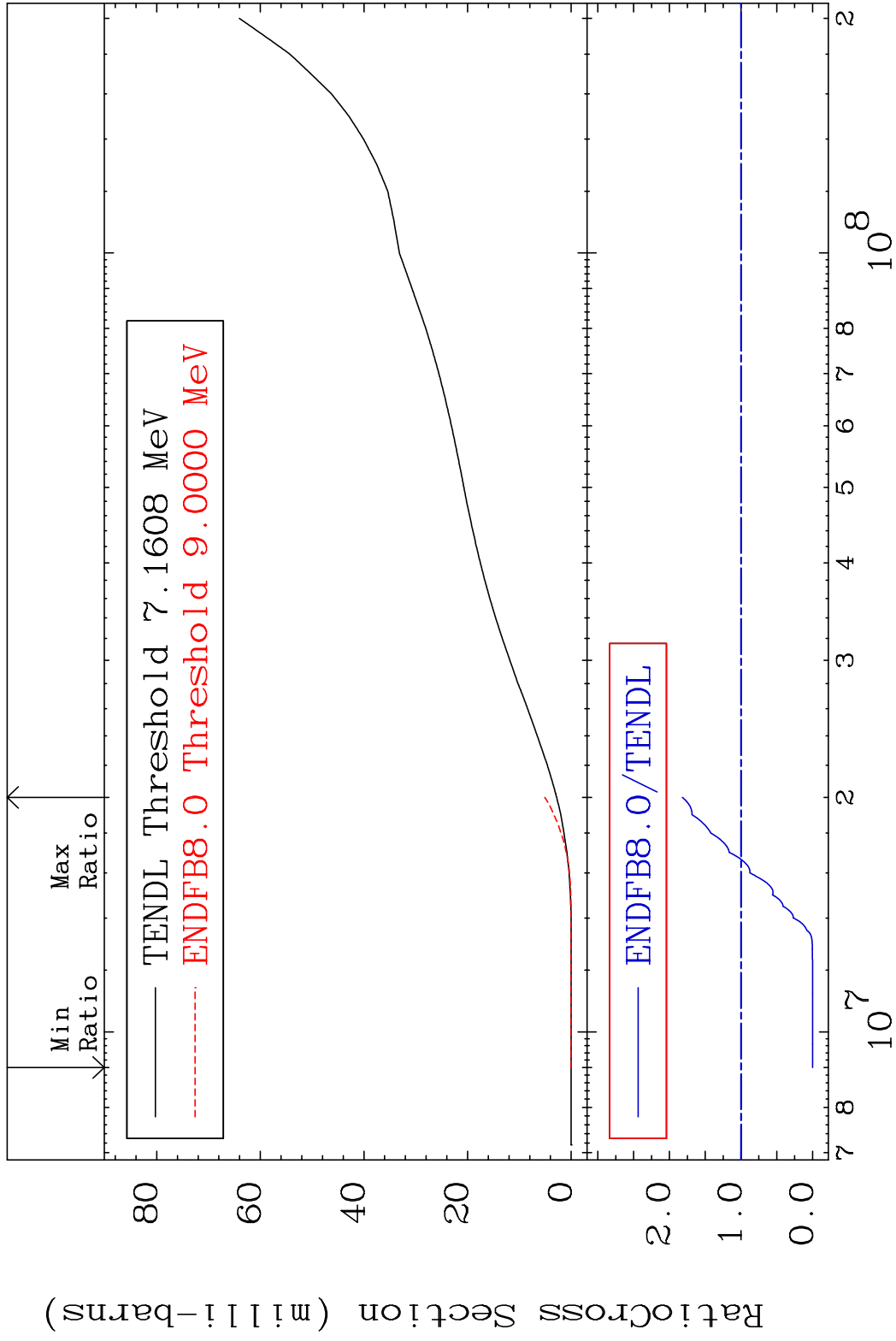
35

Incident Energy (eV)

53-I -129

MAT 5331

Tritium Production 53-I -129  
Cross Section -100.0 To 81.94 %



36

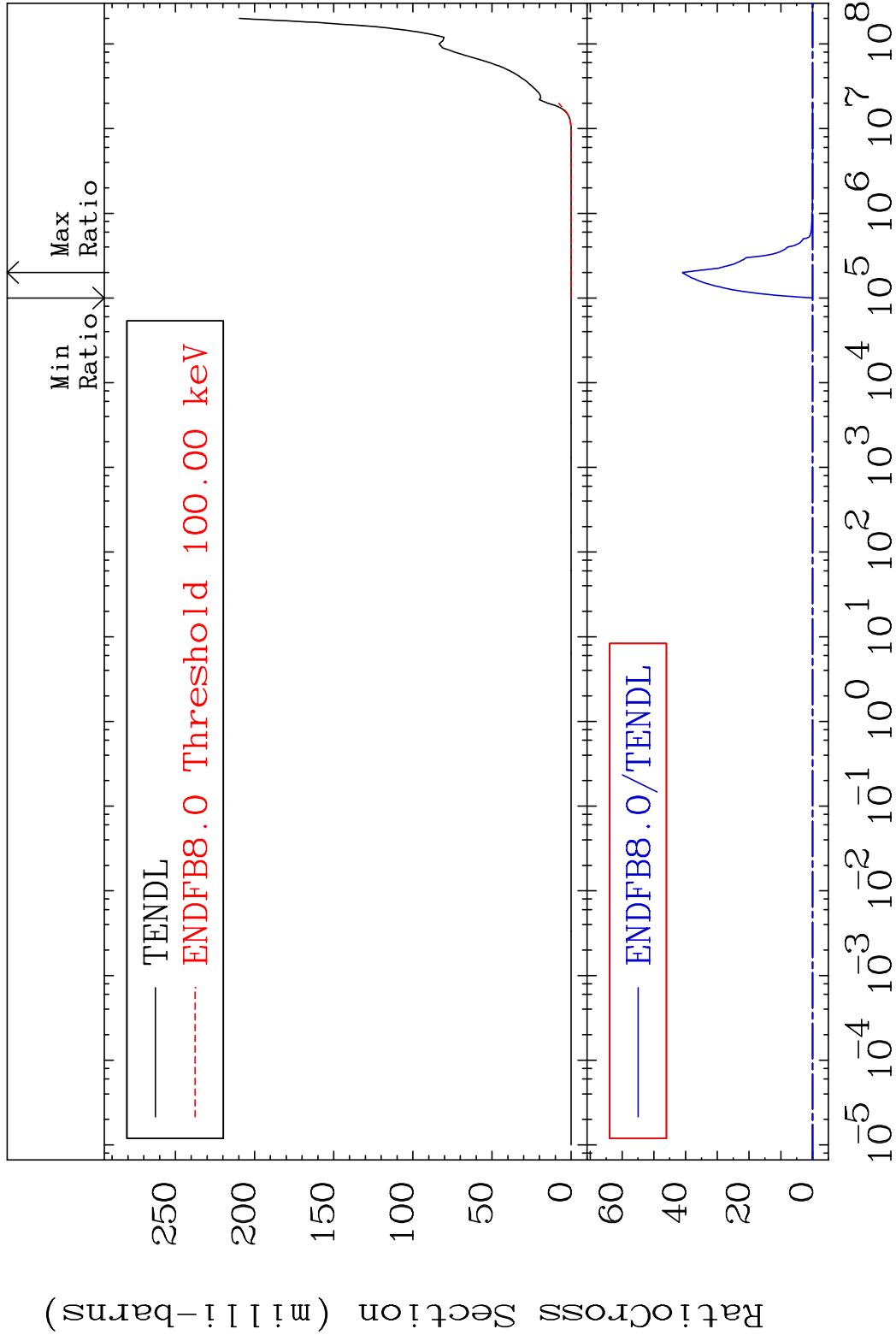
Incident Energy (eV) 53-I -129

MAT 5331

He-4 Production

53-I -129

Cross Section -100.0 To 9999. %

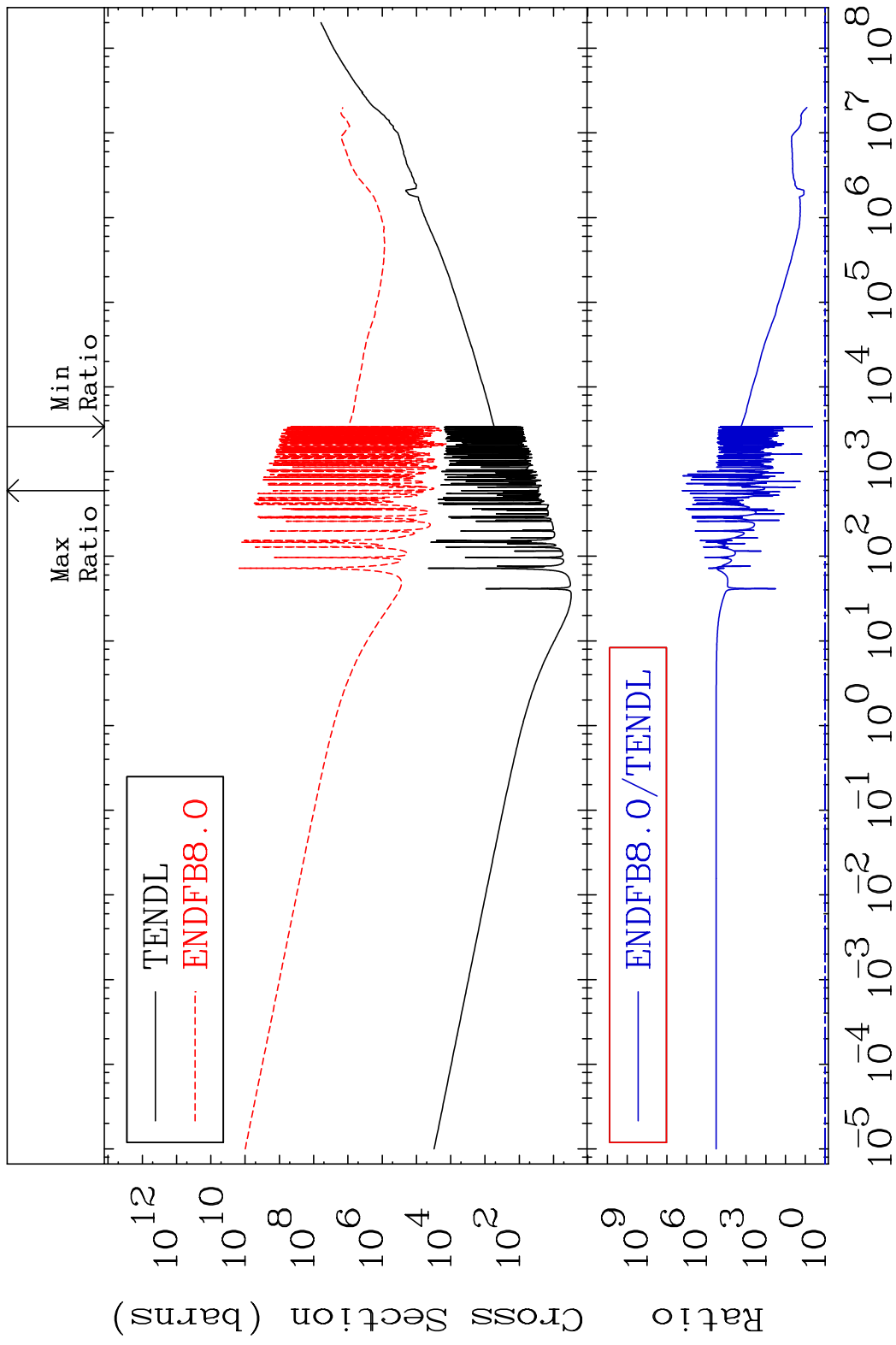


37

Incident Energy (eV)

53-I -129

MAT 5331 Kerma total (eV-barns) 53-I -129  
 Cross Section 332.4 To 9999. %

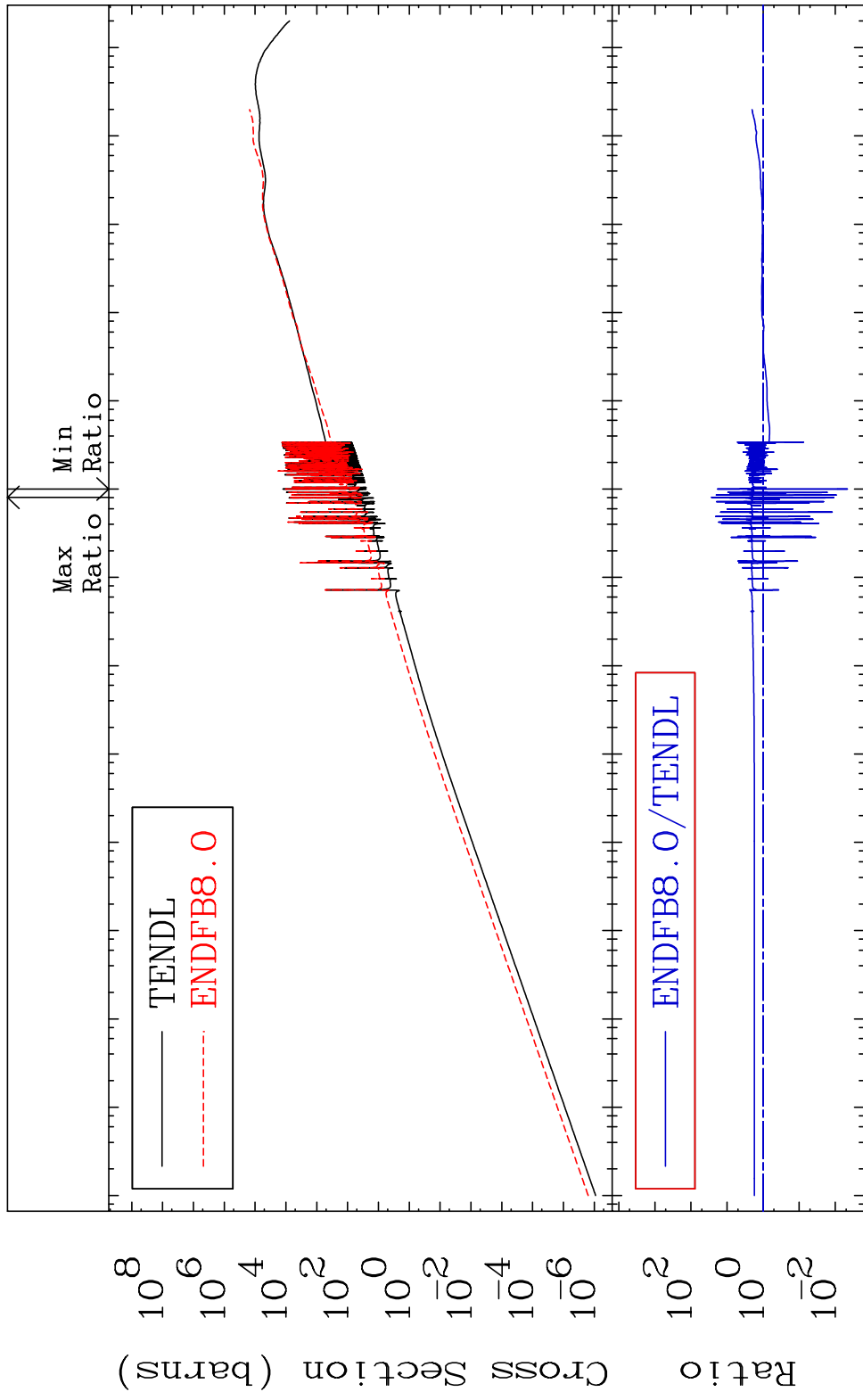


MAT 5331

Kerma elastic

53-I -129

Cross Section -99.54 To 2584. %



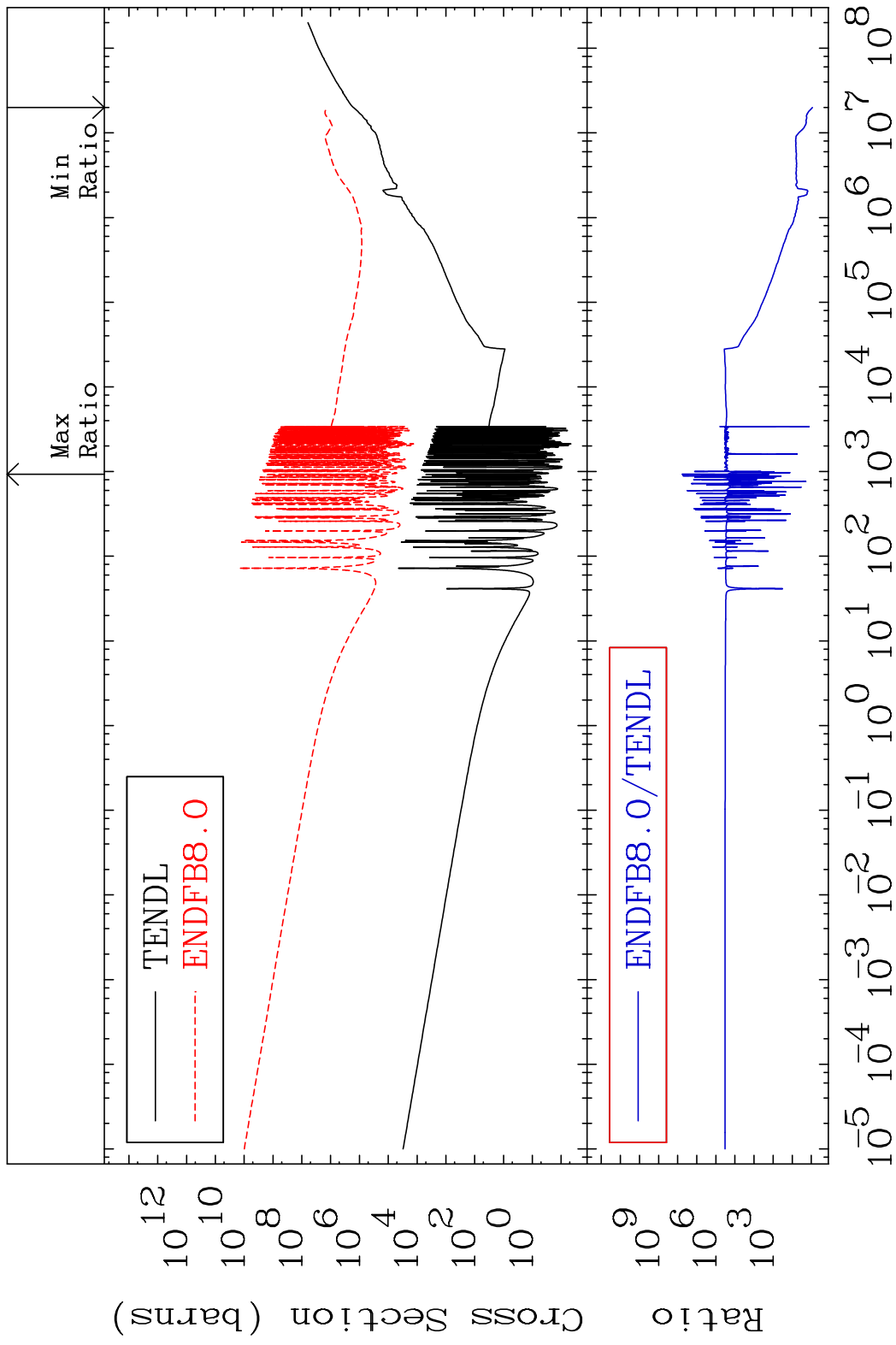
39

Incident Energy (eV)

53-I -129

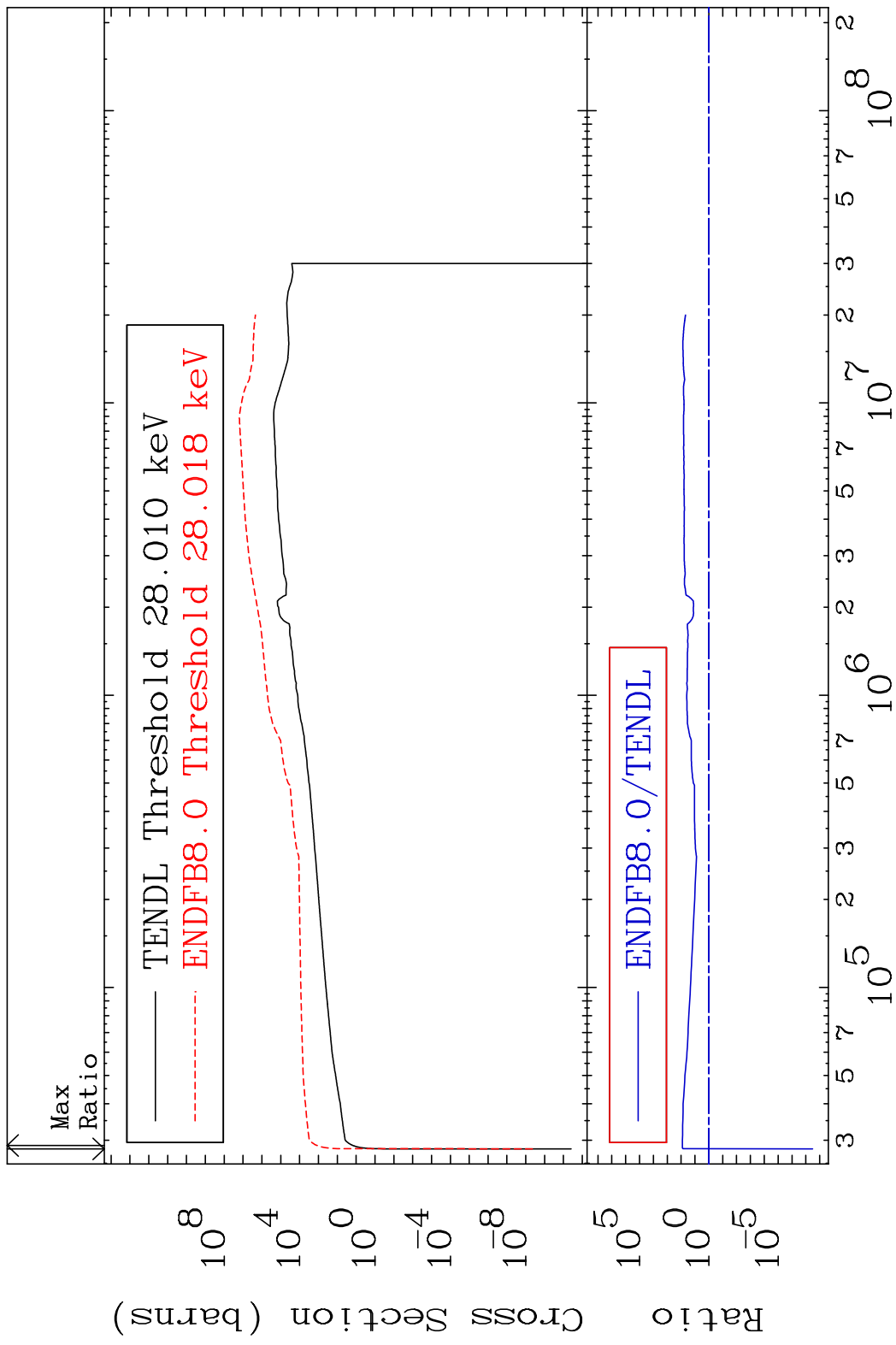


MAT 5331 Kerma non-elastic (all but mt2) 53-I -129  
 Cross Section 761.7 To 9999. %

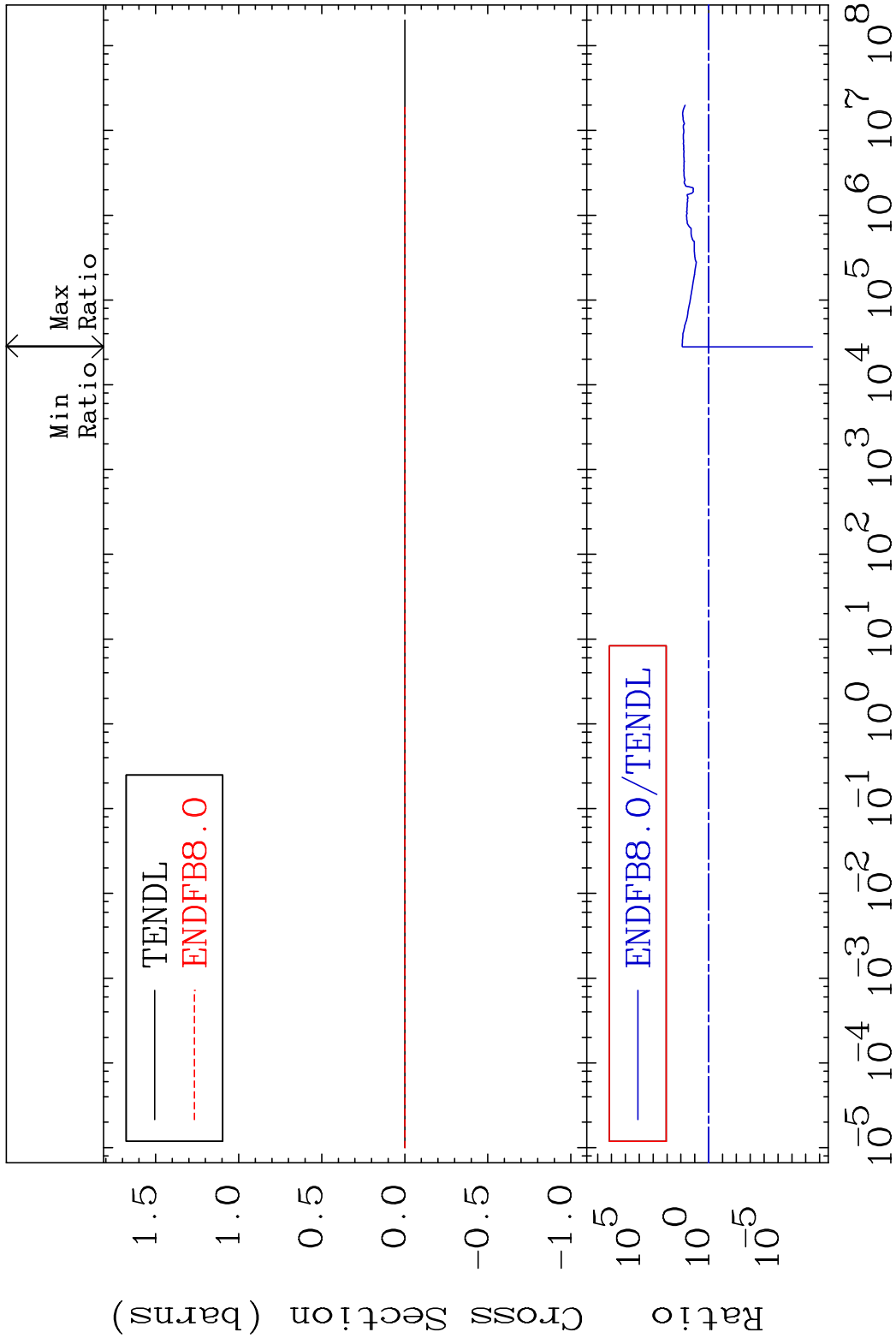


40 Incident Energy (eV) 53-I -129

MAT 5331 Kerma inelastic (mt51-91) 53-I -129  
 Cross Section -100.0 To 8014. %



MAT 5331 Kerma fission (mt18 or mt19-20-21-38)53-I -129  
 Cross Section -100.0 To 8014. %

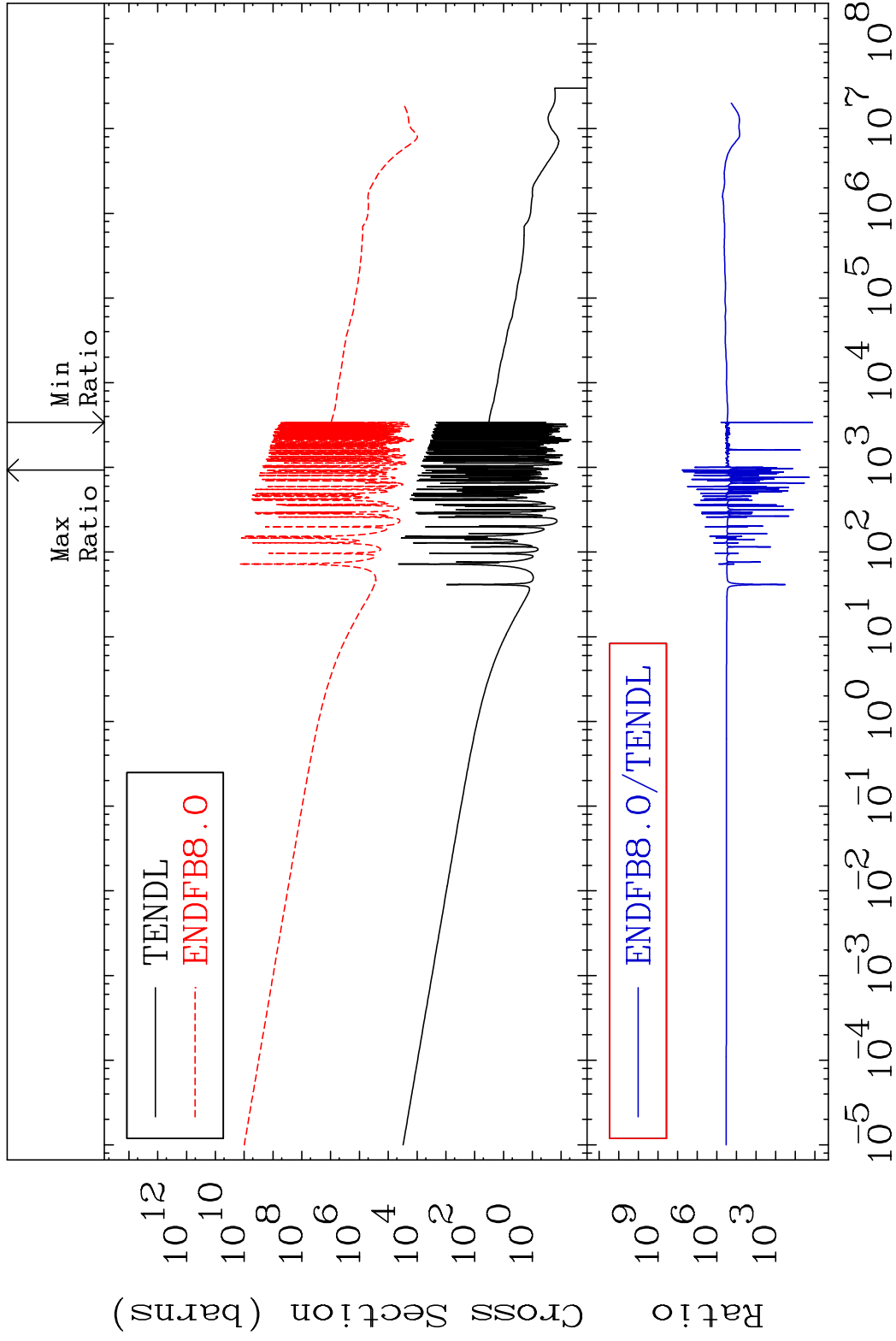


MAT 5331

Kerma capture (mt102)

53-I -129

Cross Section 1199. To 9999. %

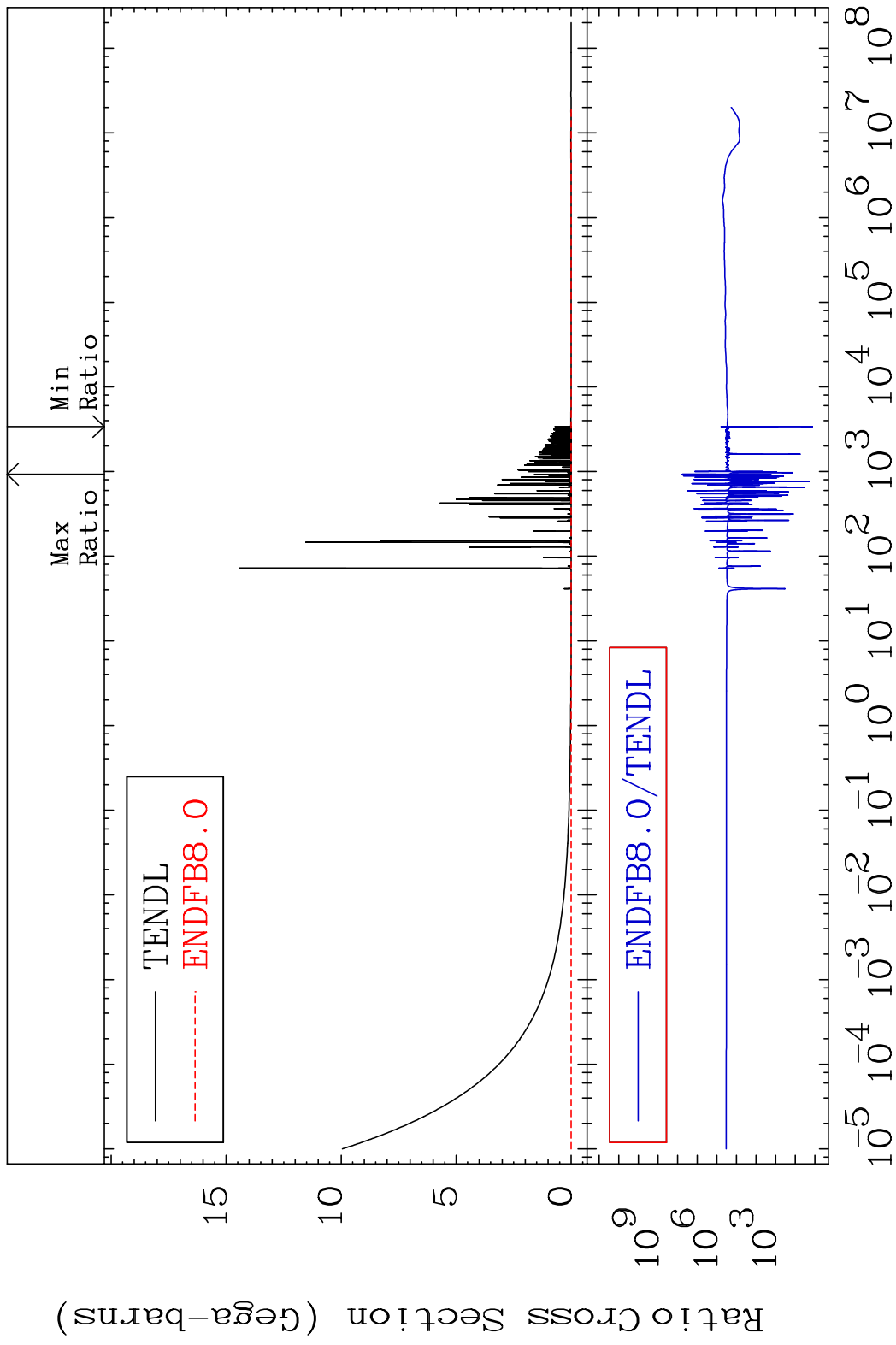


43

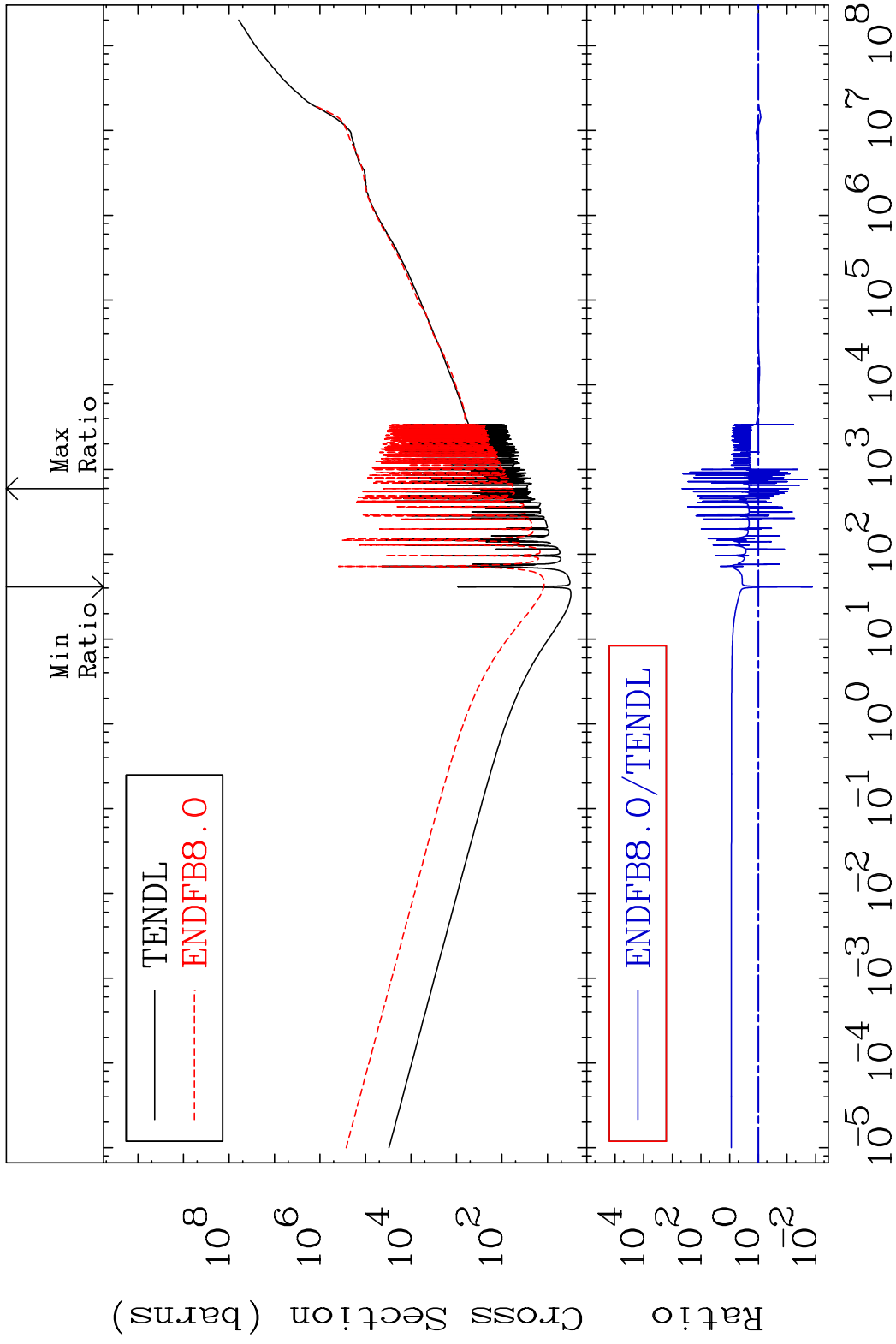
Incident Energy (eV)

53-I -129

MAT 5331 Total photon (eV-barns) 53-I -129  
 Cross Section 1199. To 9999. %



MAT 5331 Total kinematic kerma (high limit) 53-I -129  
Cross Section -98.71 To 9999. %

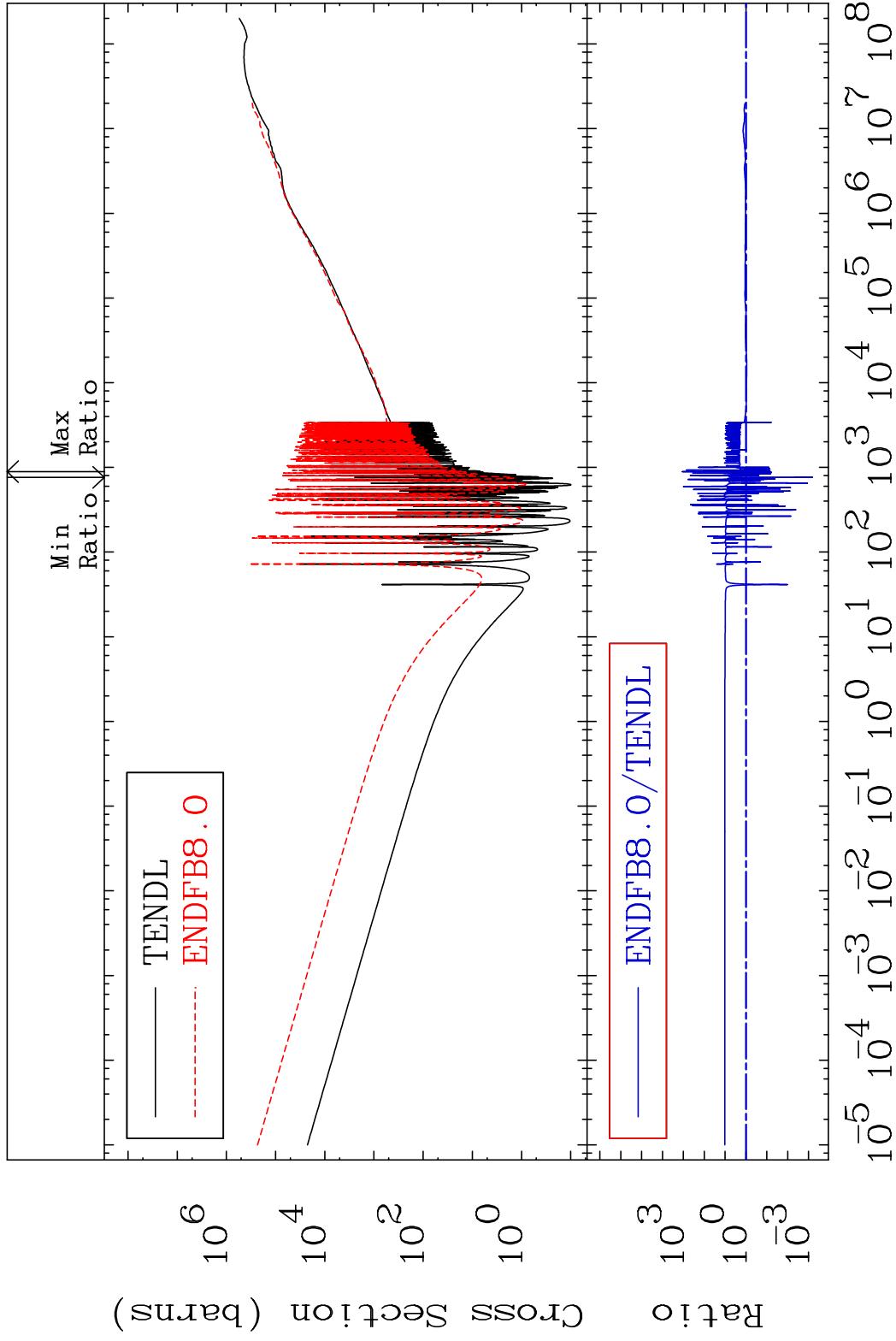


MAT 5331

Dpa total (eV-barns)

53-I -129

Cross Section -99.94 To 9999. %



46

Incident Energy (eV)

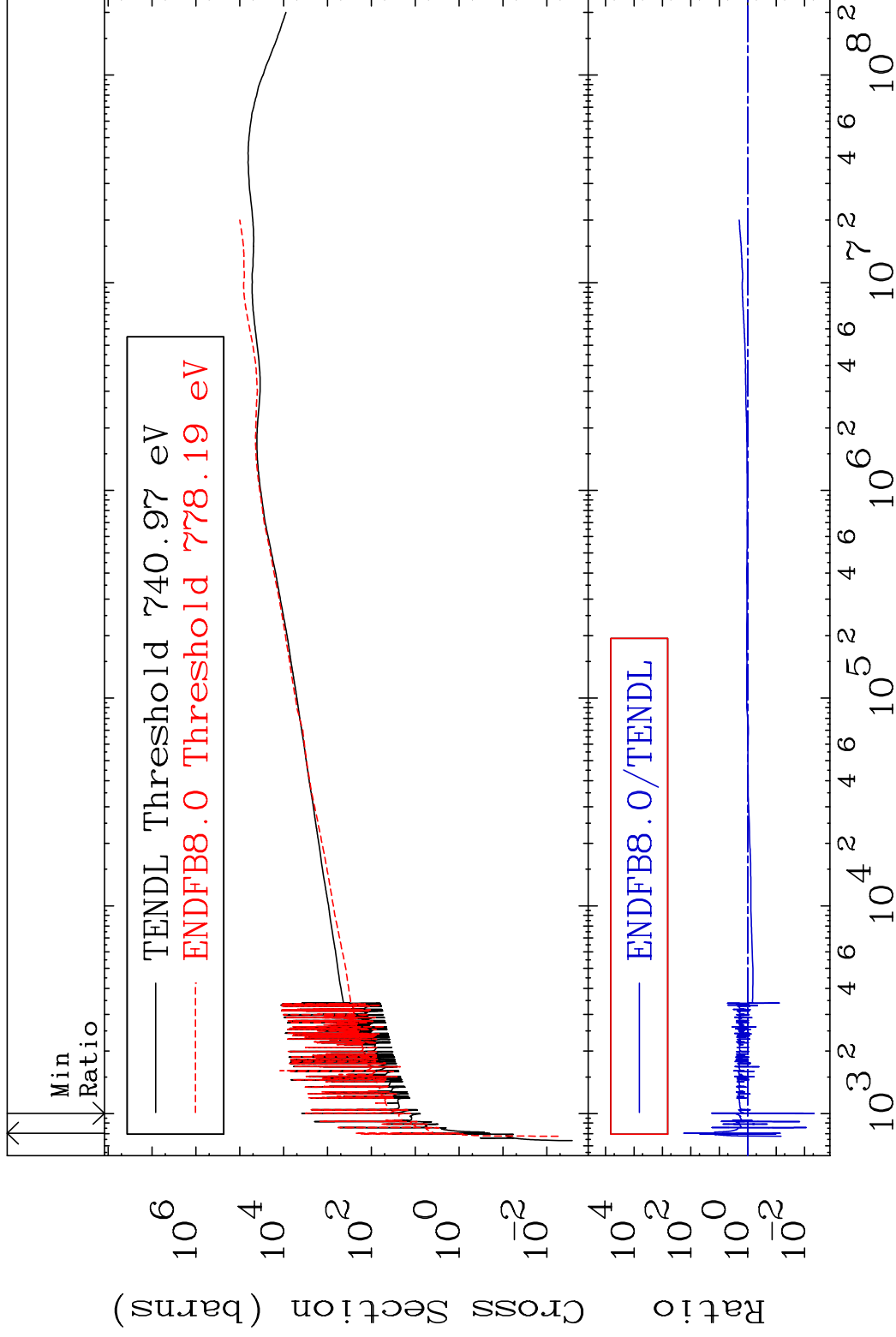
53-I -129

MAT 5331

Dpa elastic (mt2)

53-I -129

Cross Section -99.54 To 9999. %



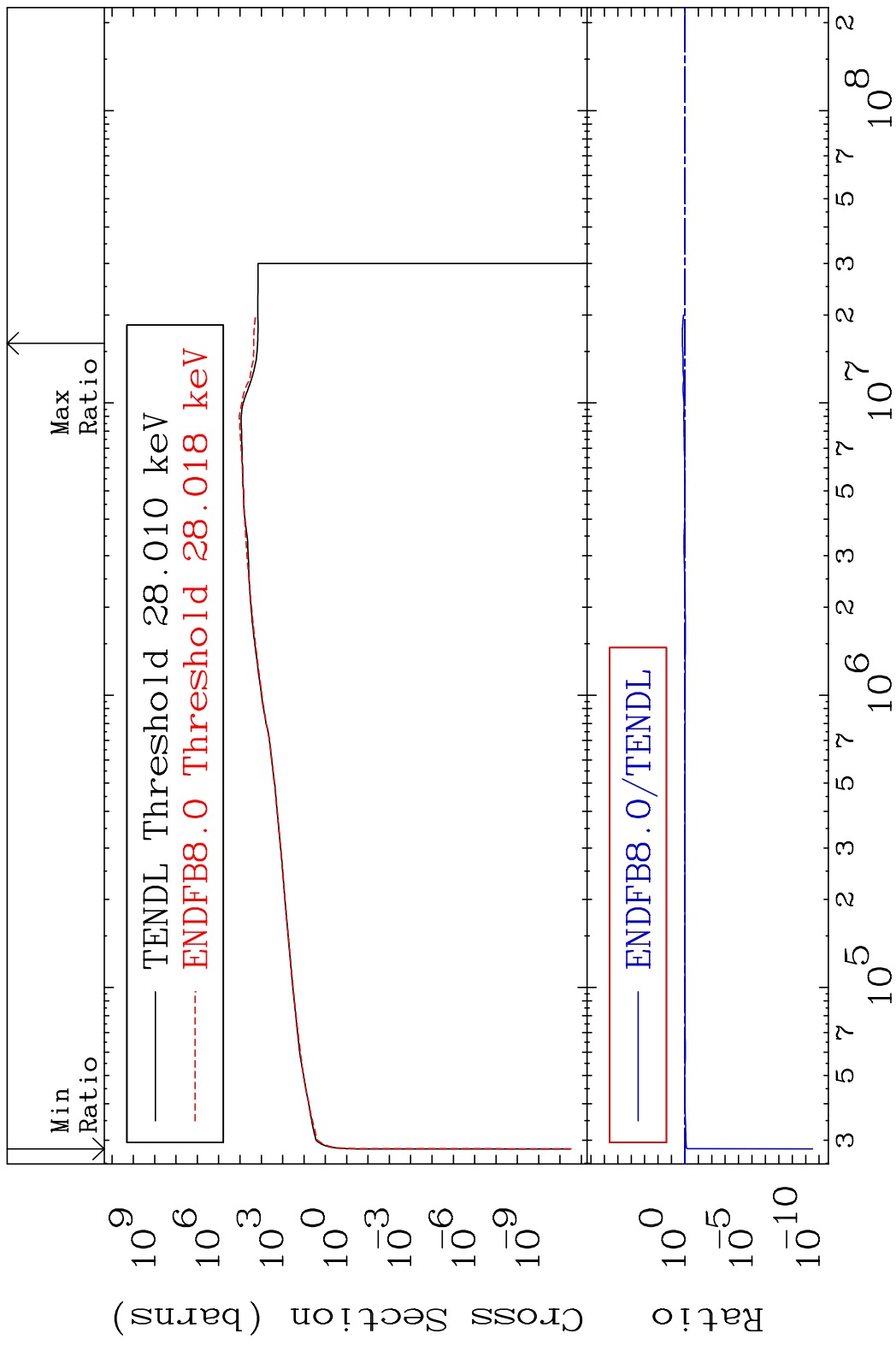
47

Incident Energy (eV)

53-I -129



MAT 5331      Dpa inelastic (mt51-91)      53-I -129  
 Cross Section      -100.0 To 54.28 %



MAT 5331 Dpa disappearance (mt102 -120) 53-I -129  
 Cross Section -99.95 To 9999. %

