

Program Complot  
(Version 2021-1)

by

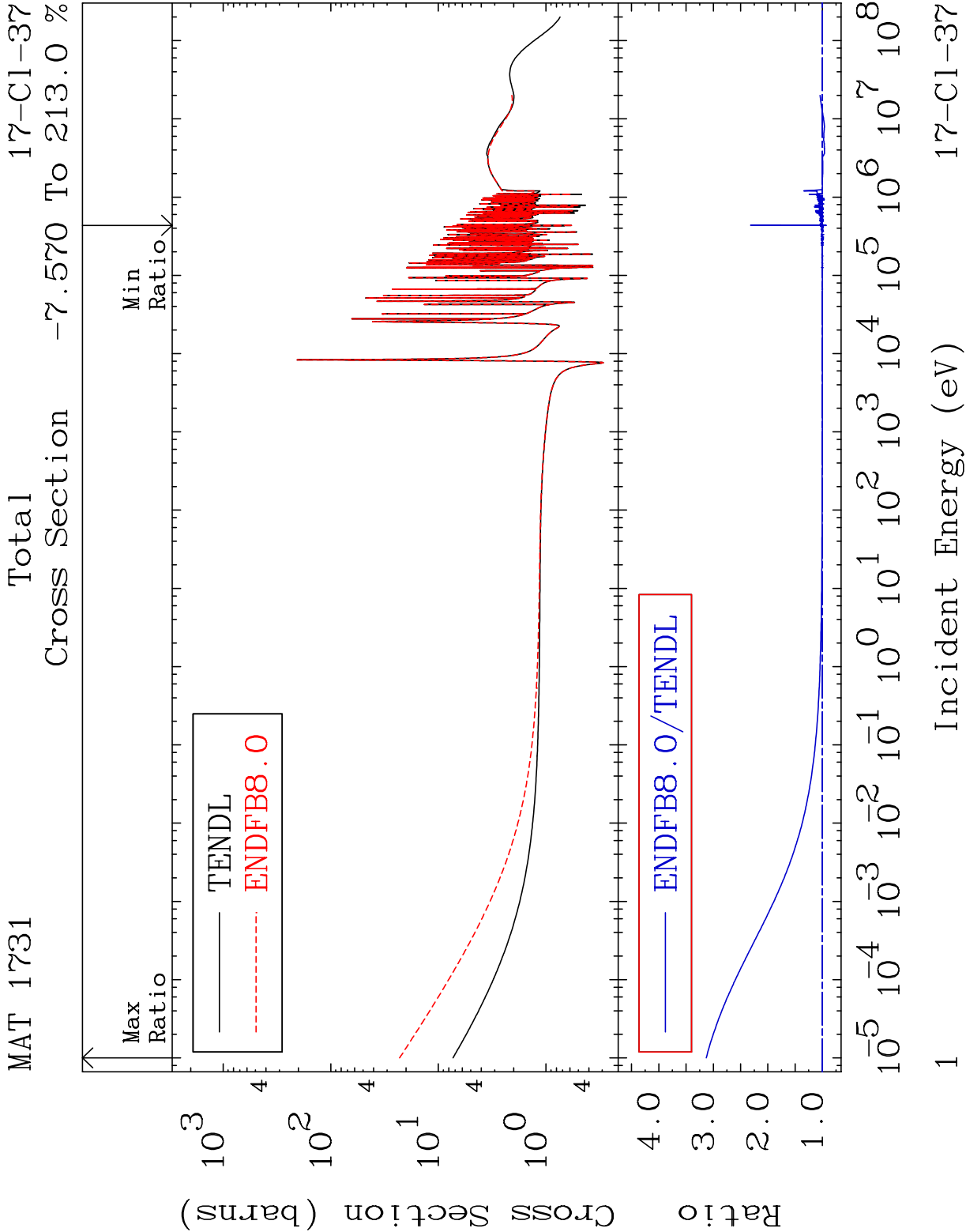
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(Present Contact Information)

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Press Mouse Button to Start



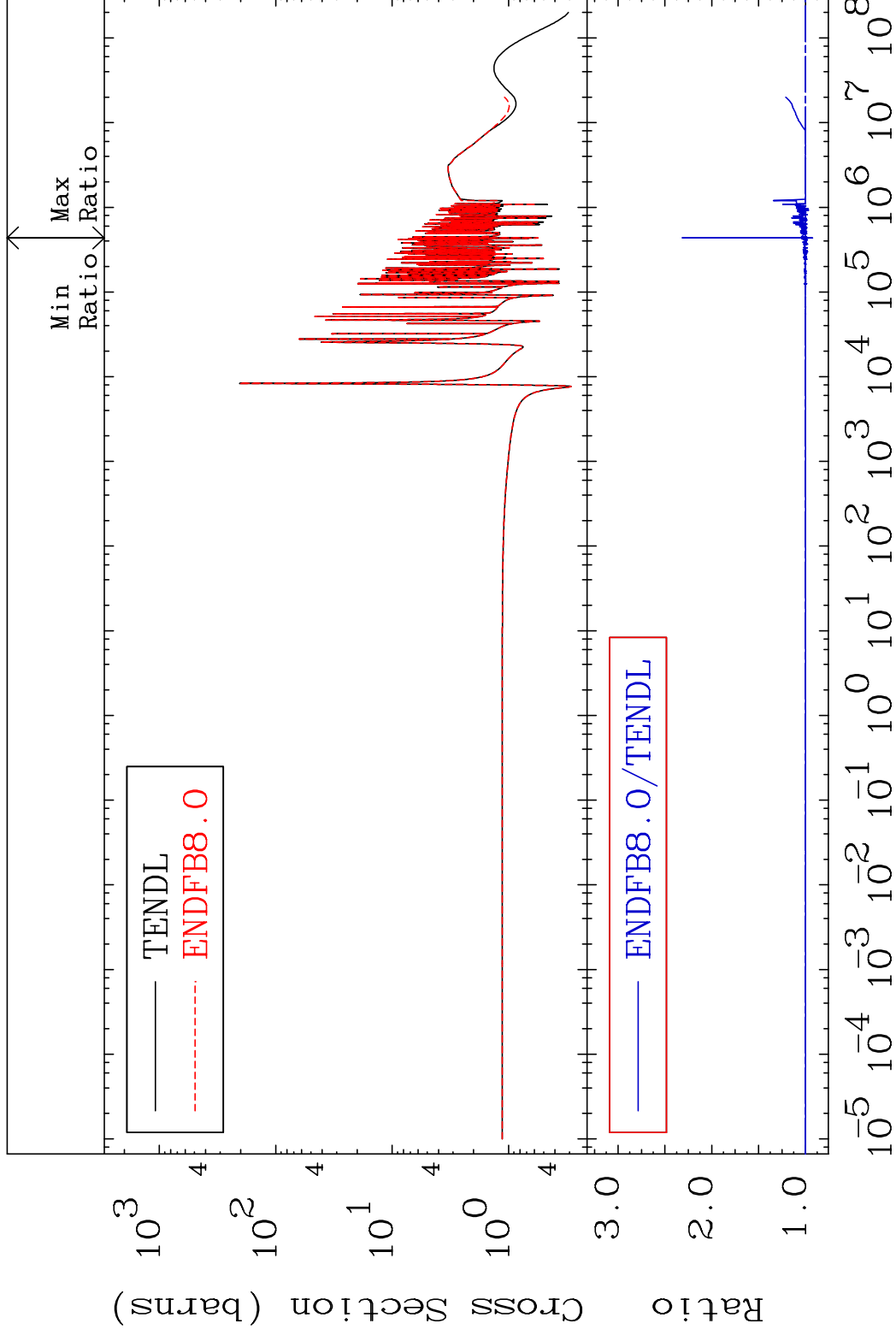
MAT 1731

Elastic

17-Cl-37

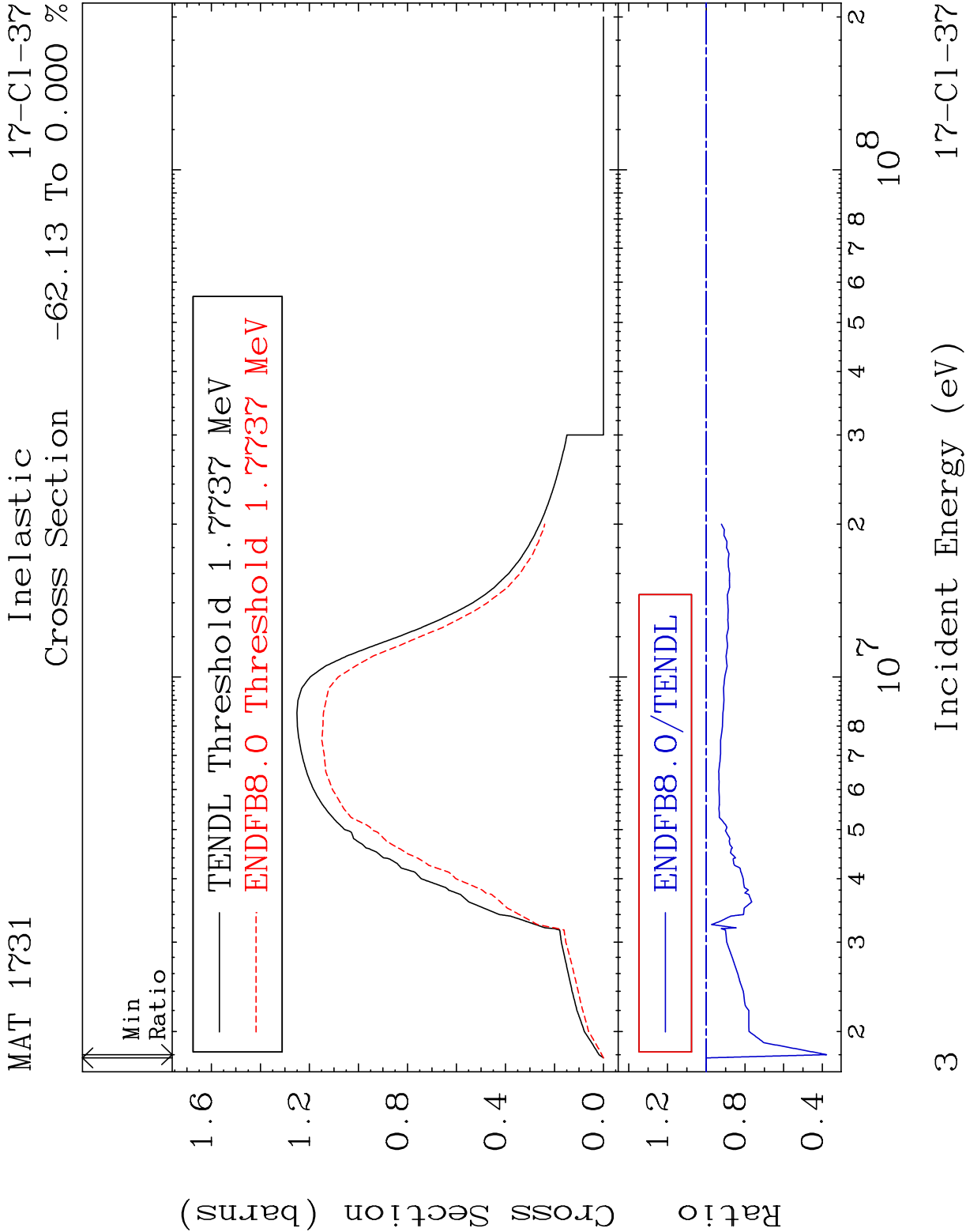
Cross Section

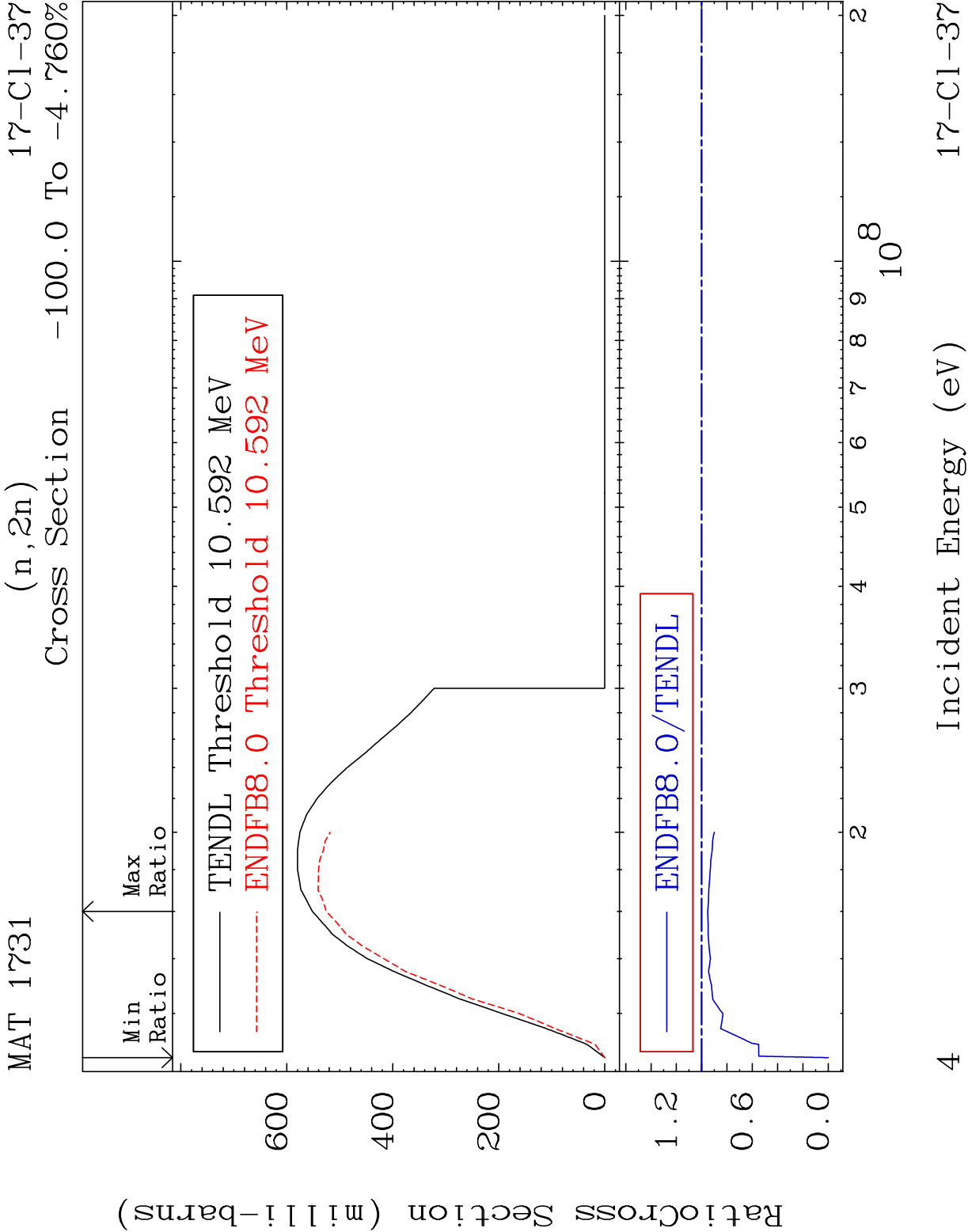
-7.596 To 131.4 %



Incident Energy (eV)

17-Cl-37



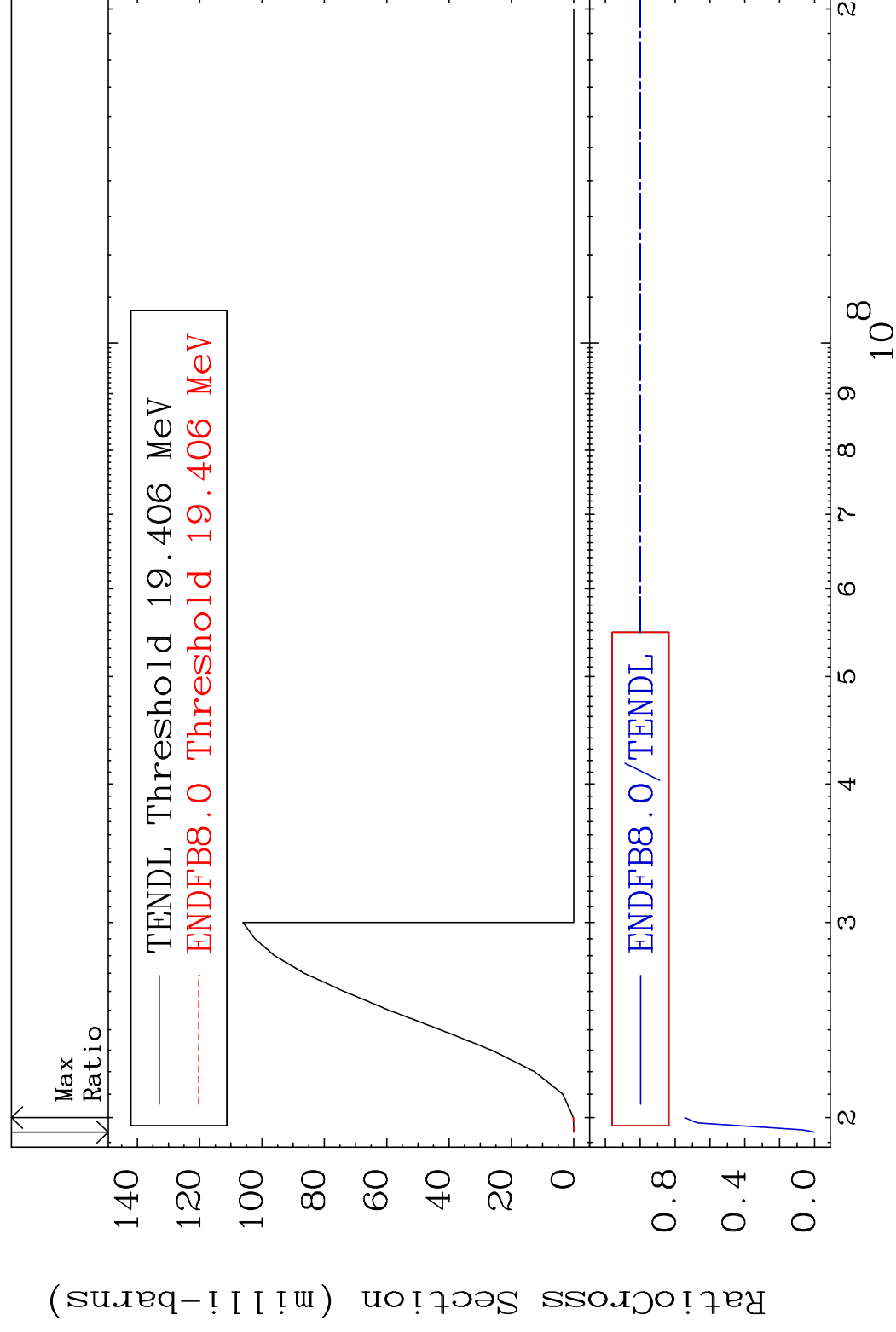


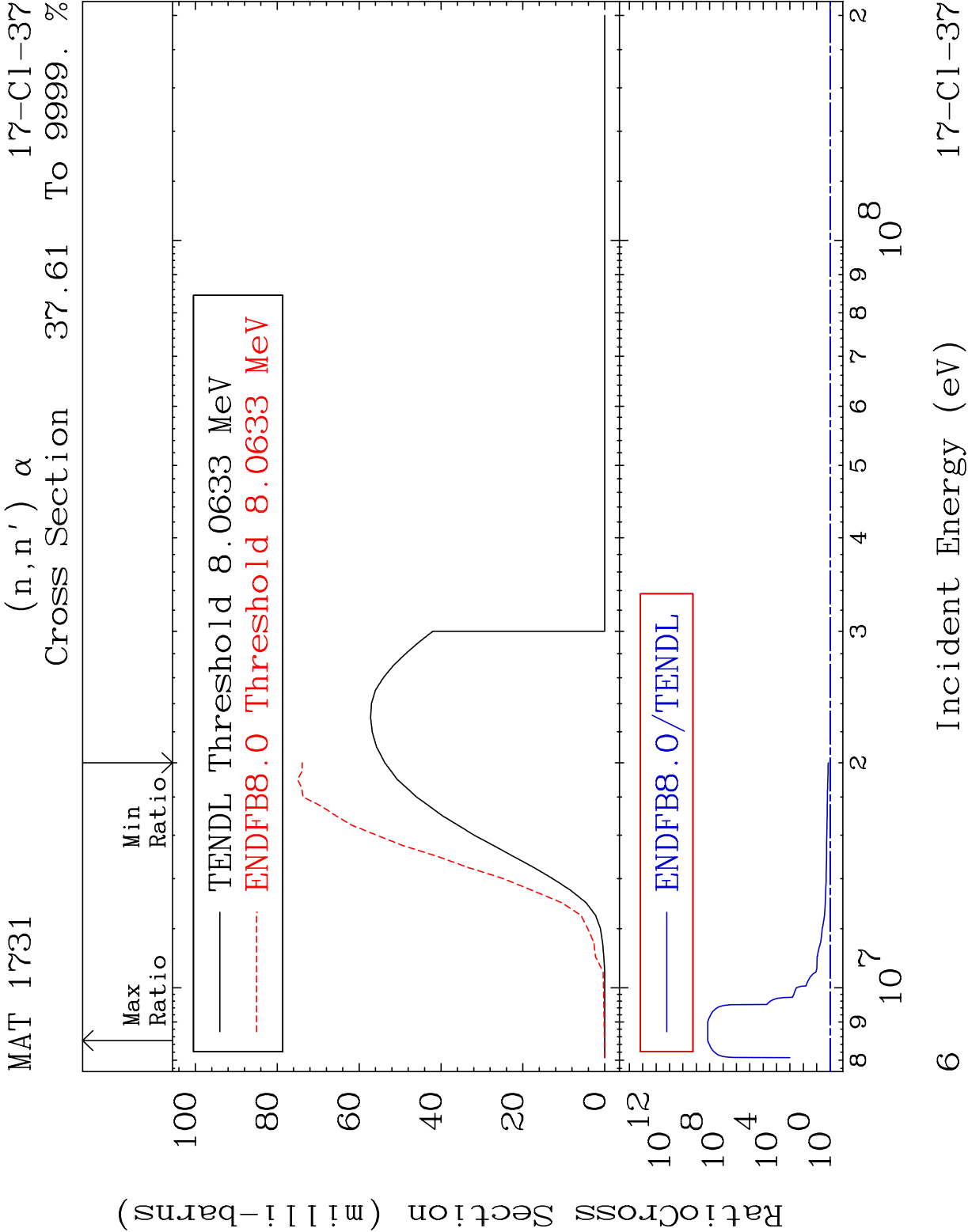
MAT 1731

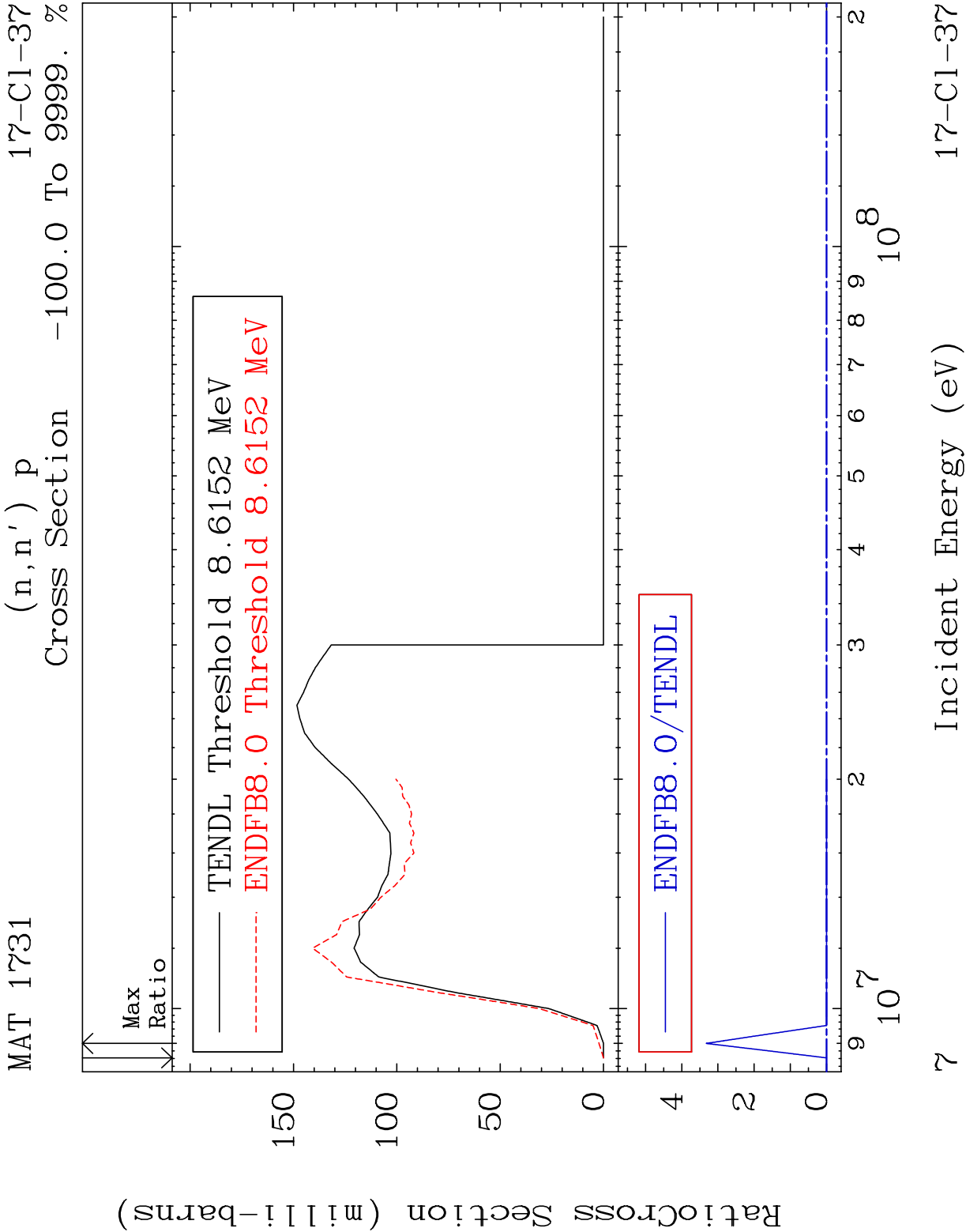
$$(n, 3n)$$

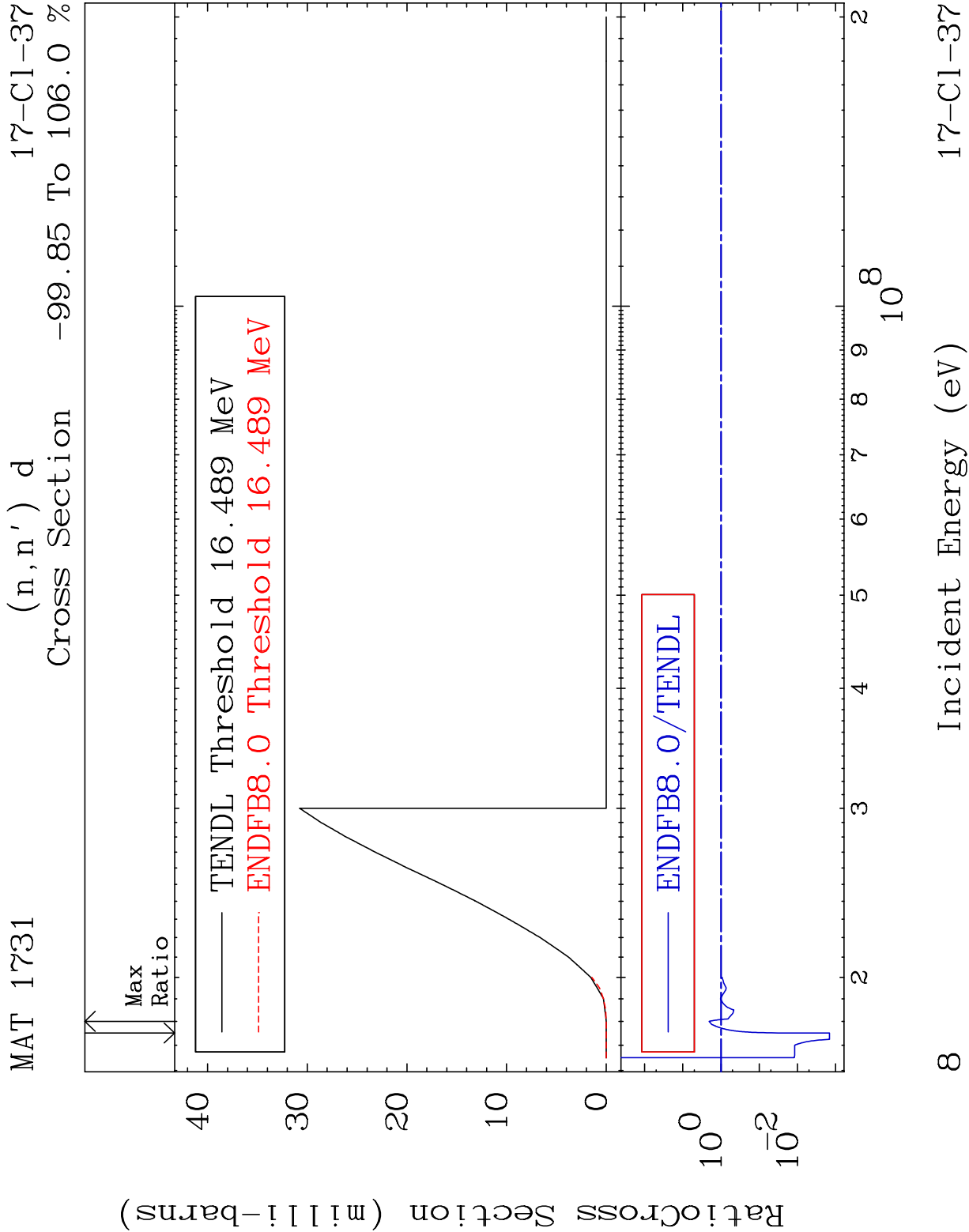
17-CI-37

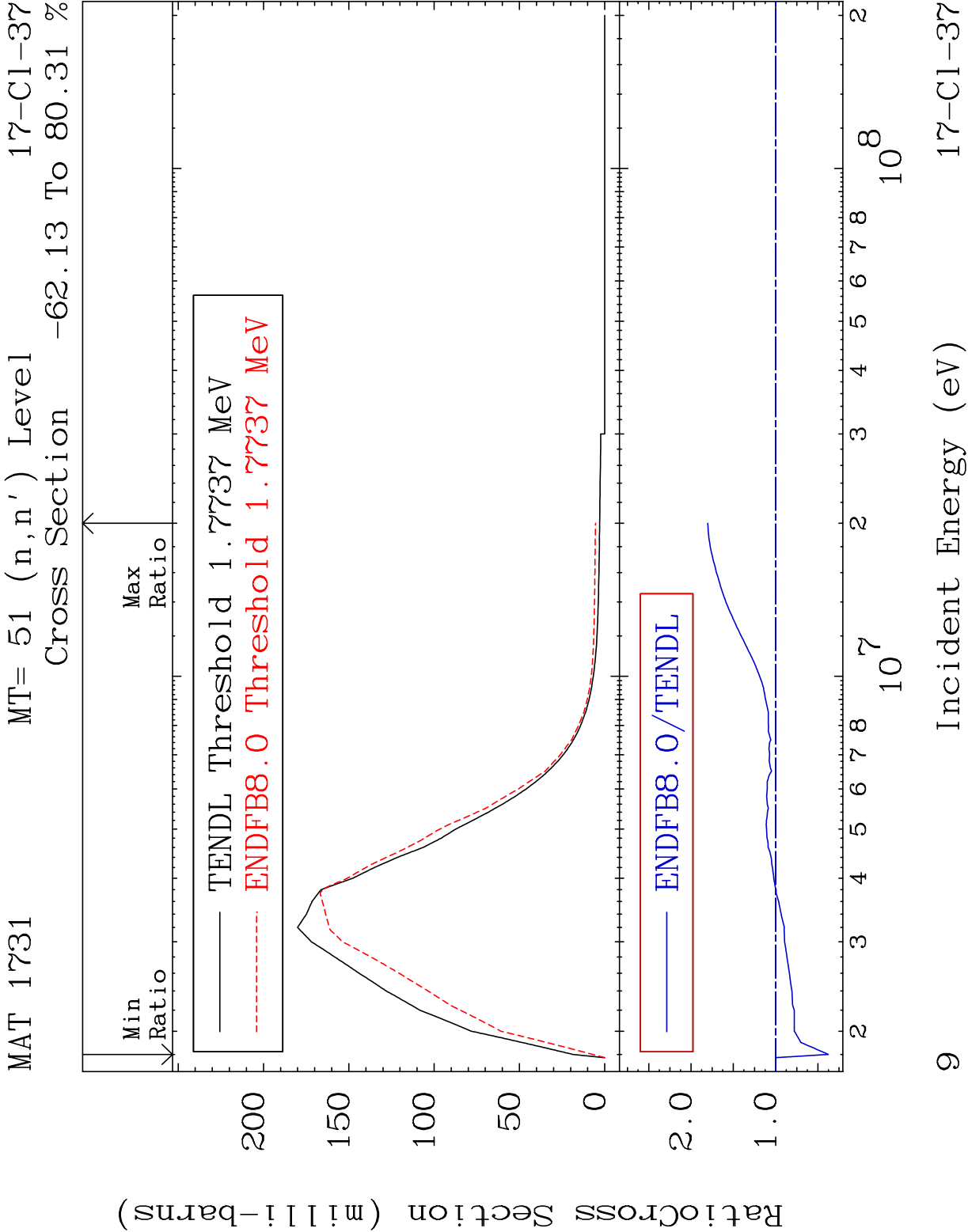
Cross Section  $-100.0$  To  $-25.51\%$

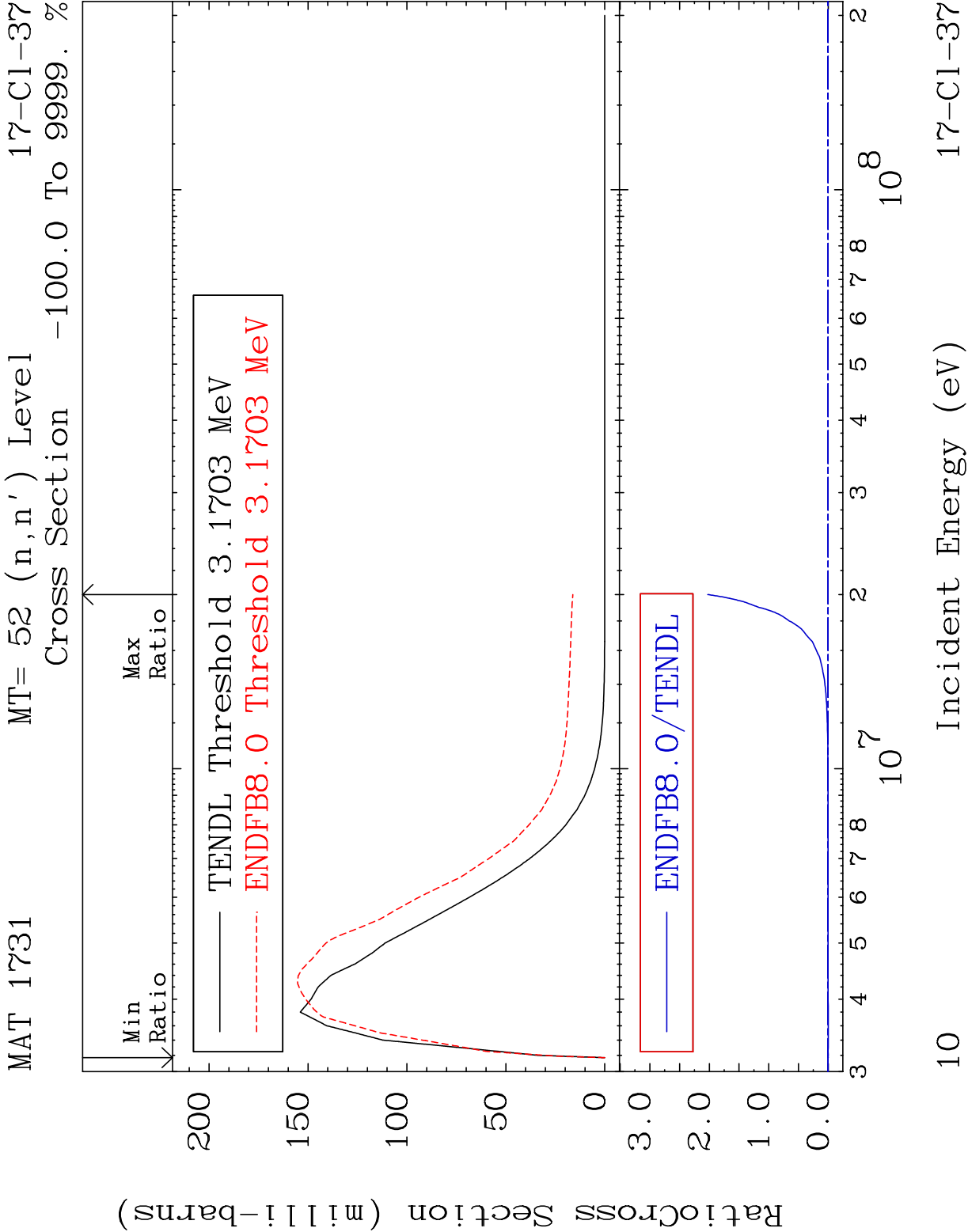


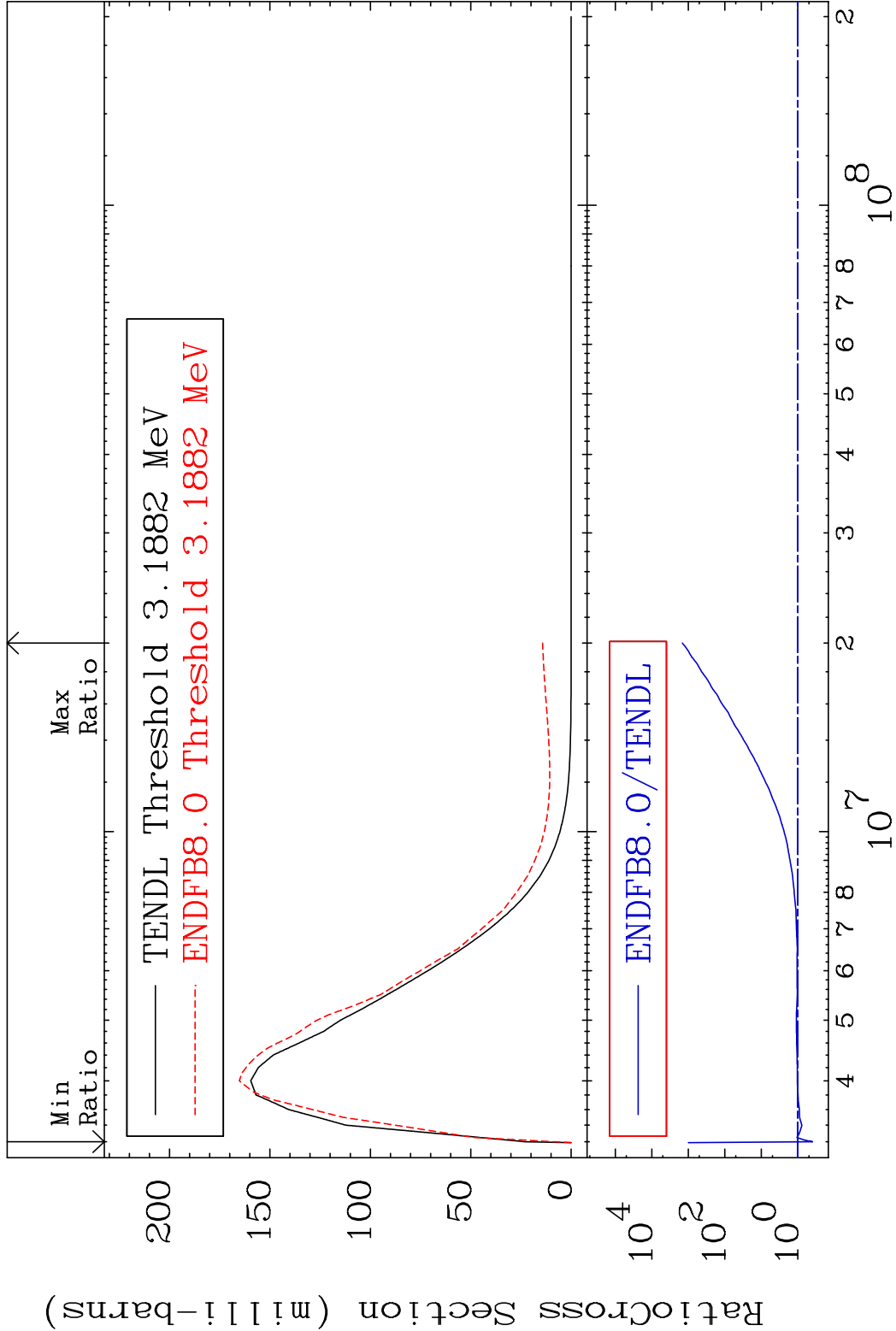


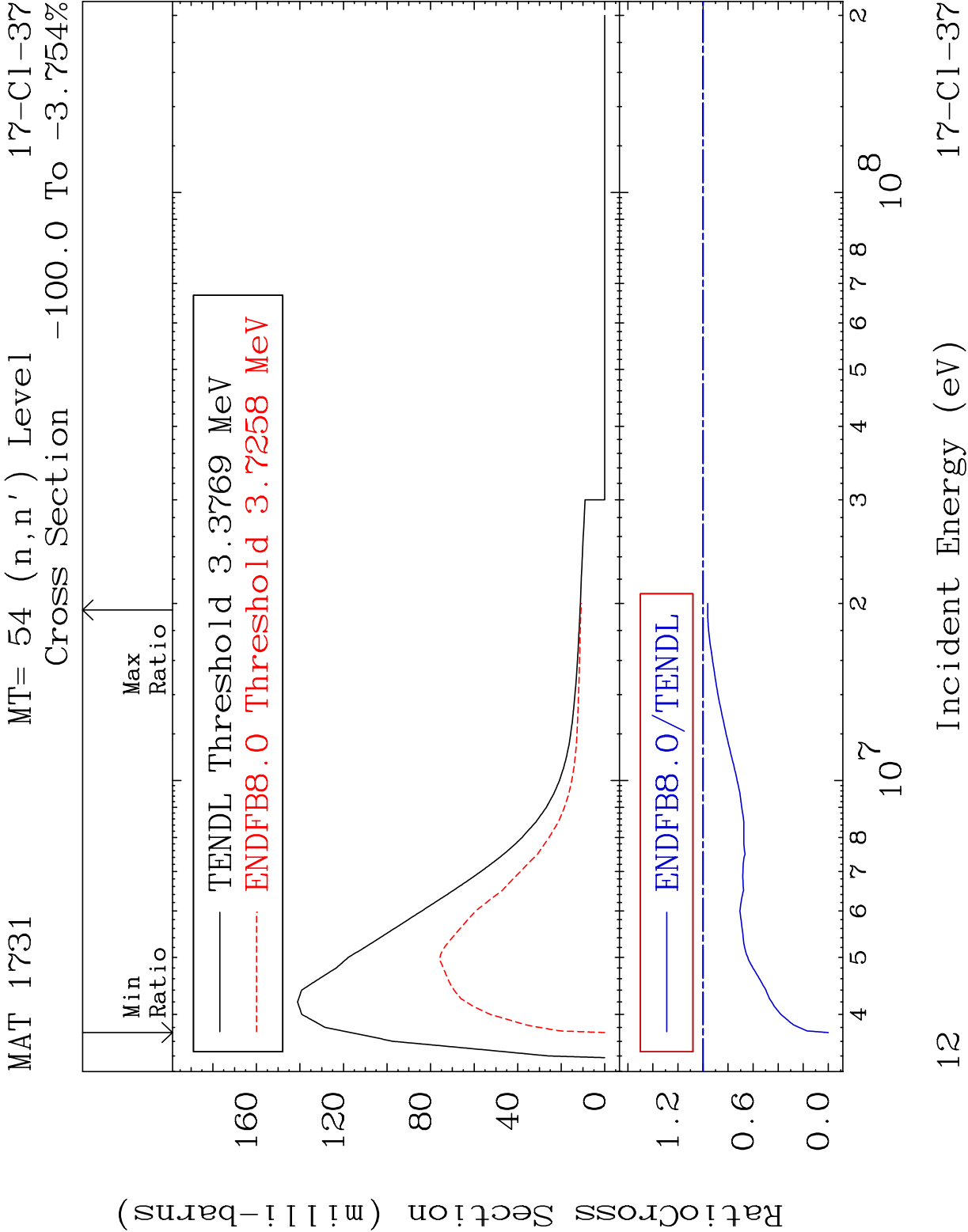


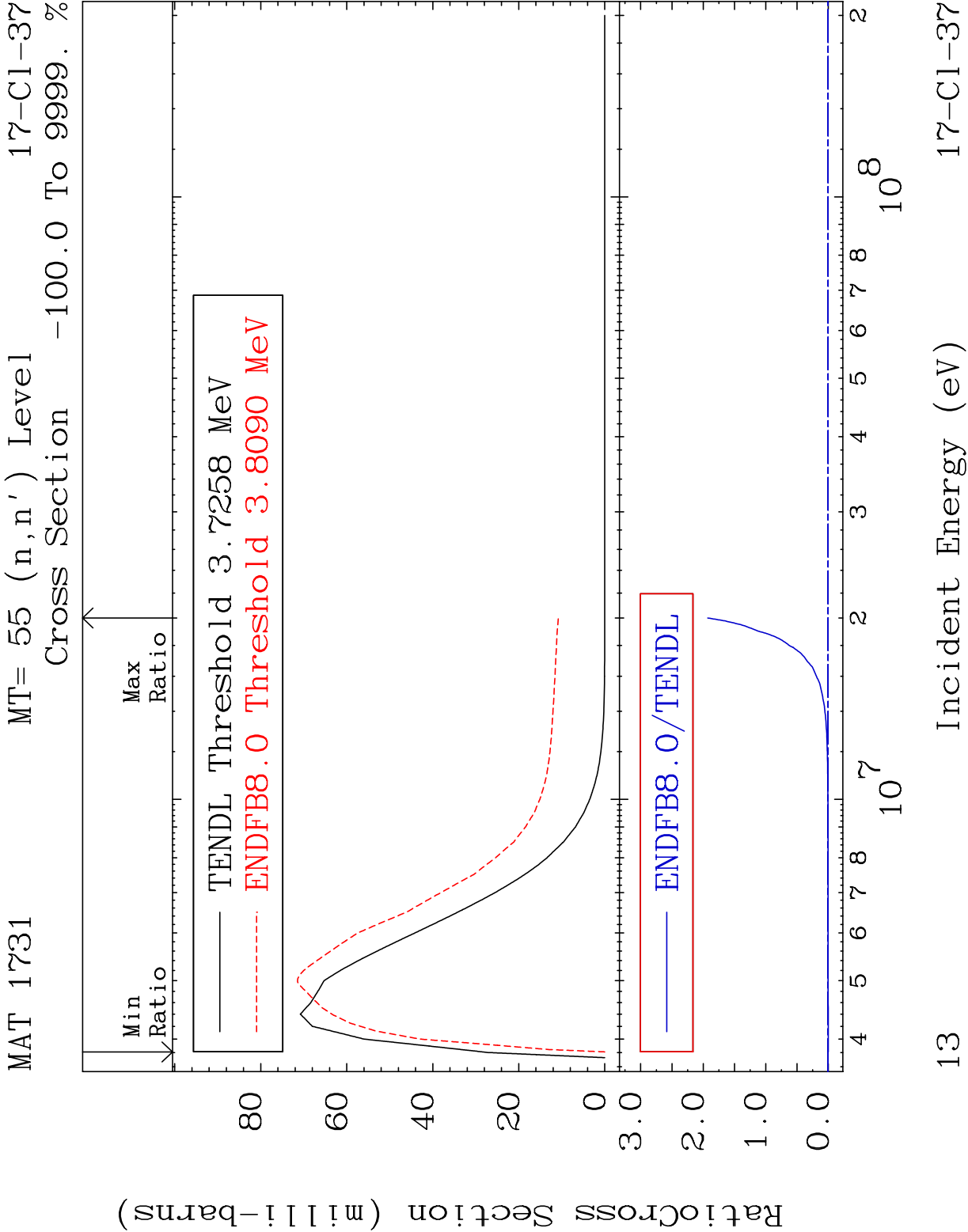


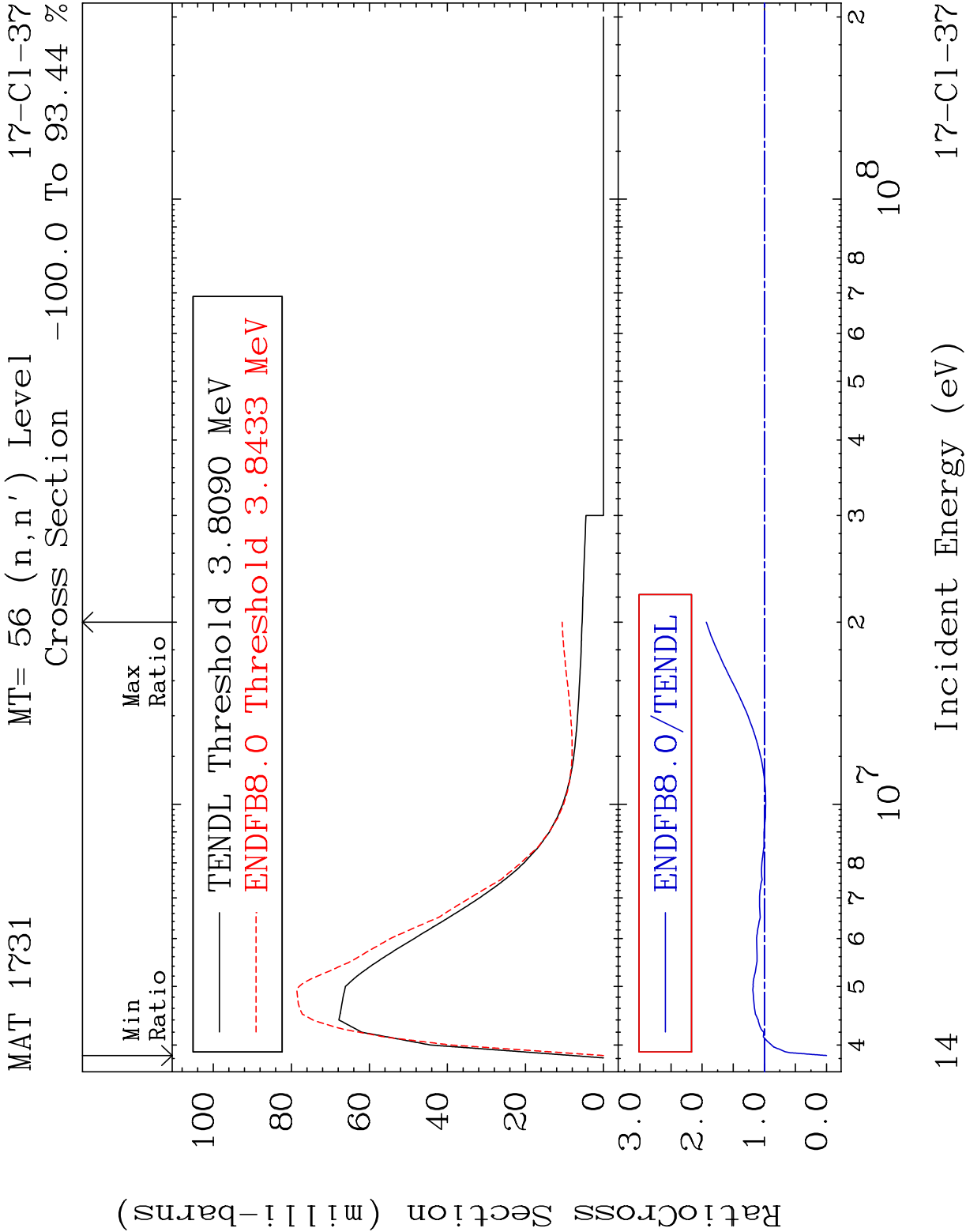


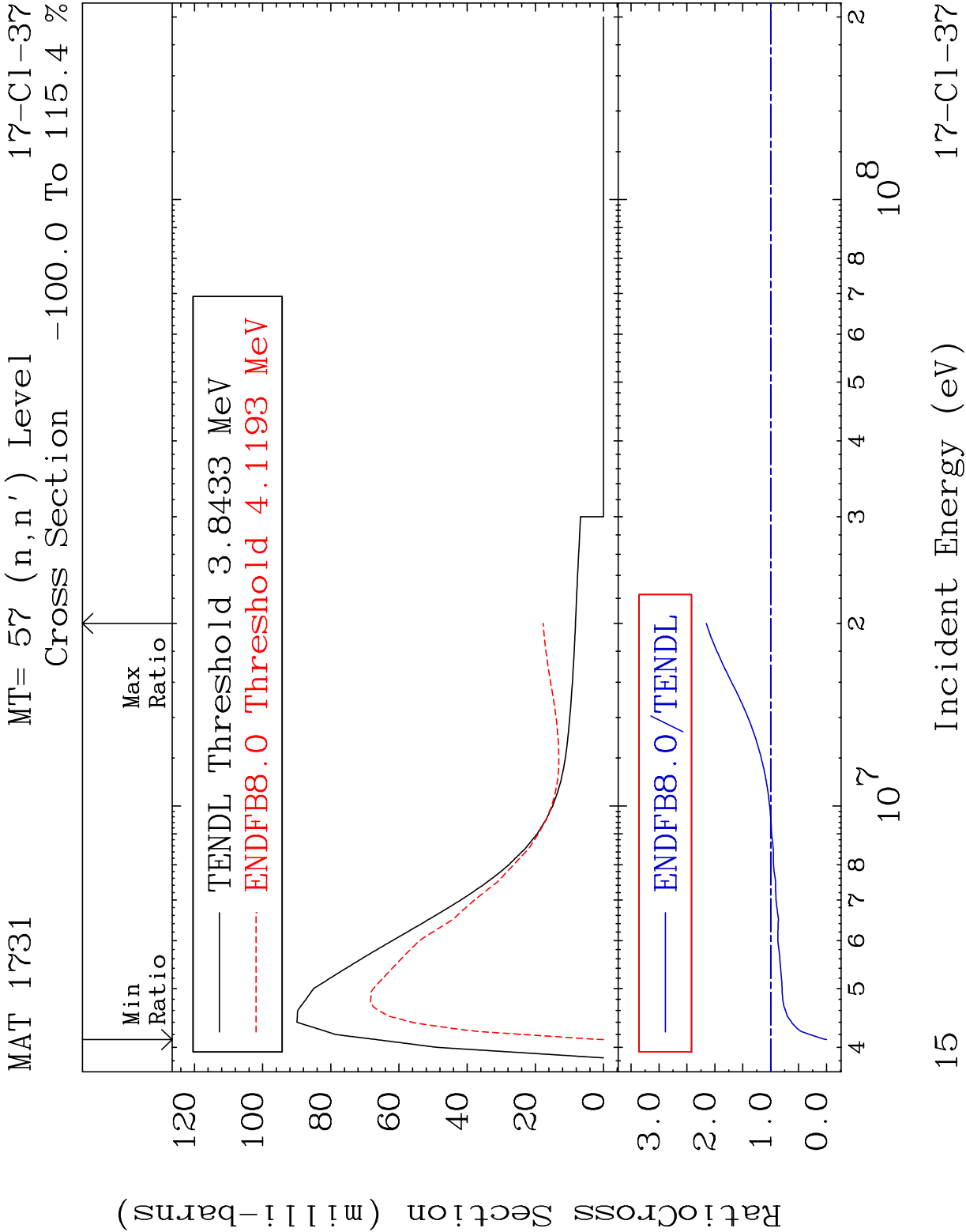


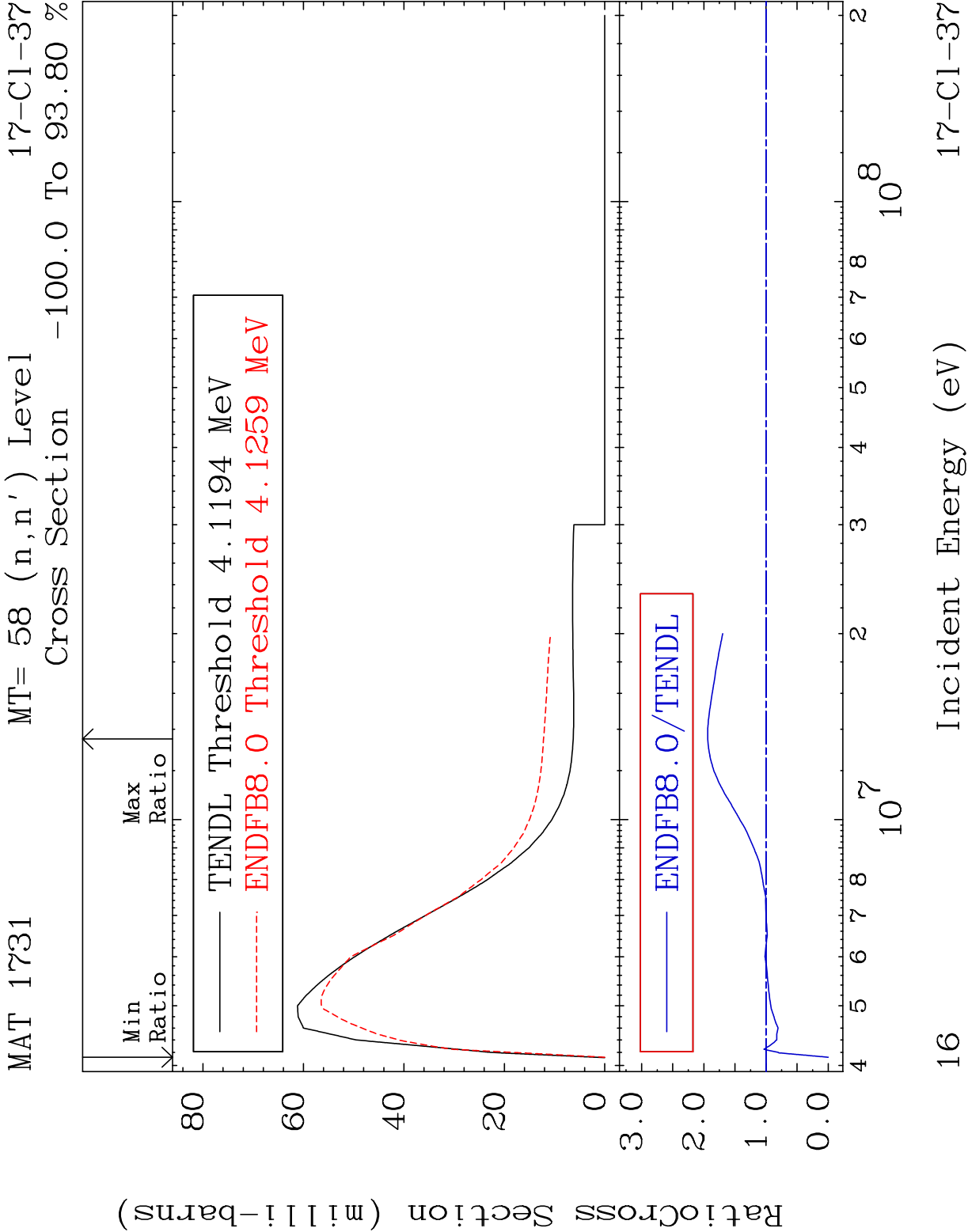


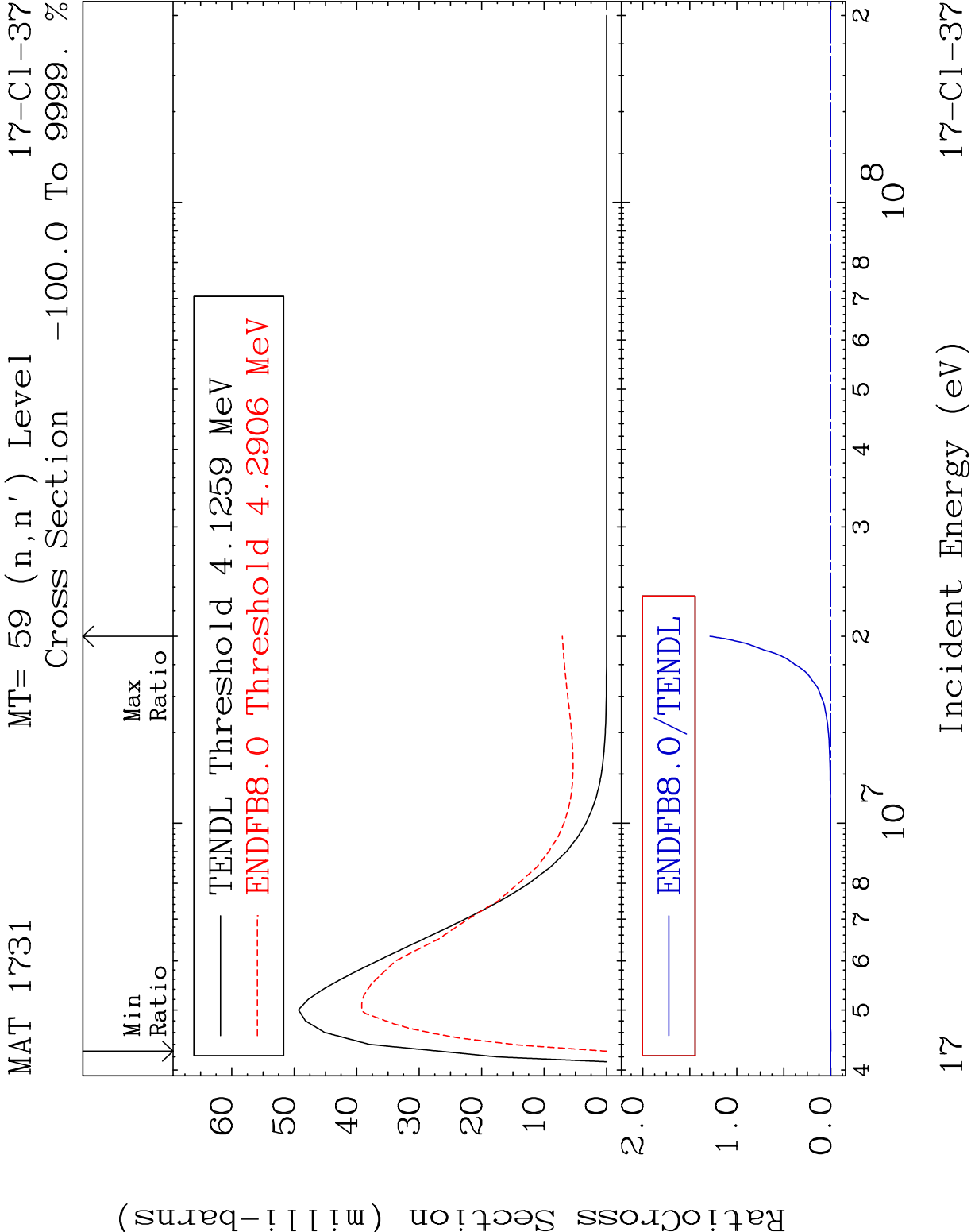


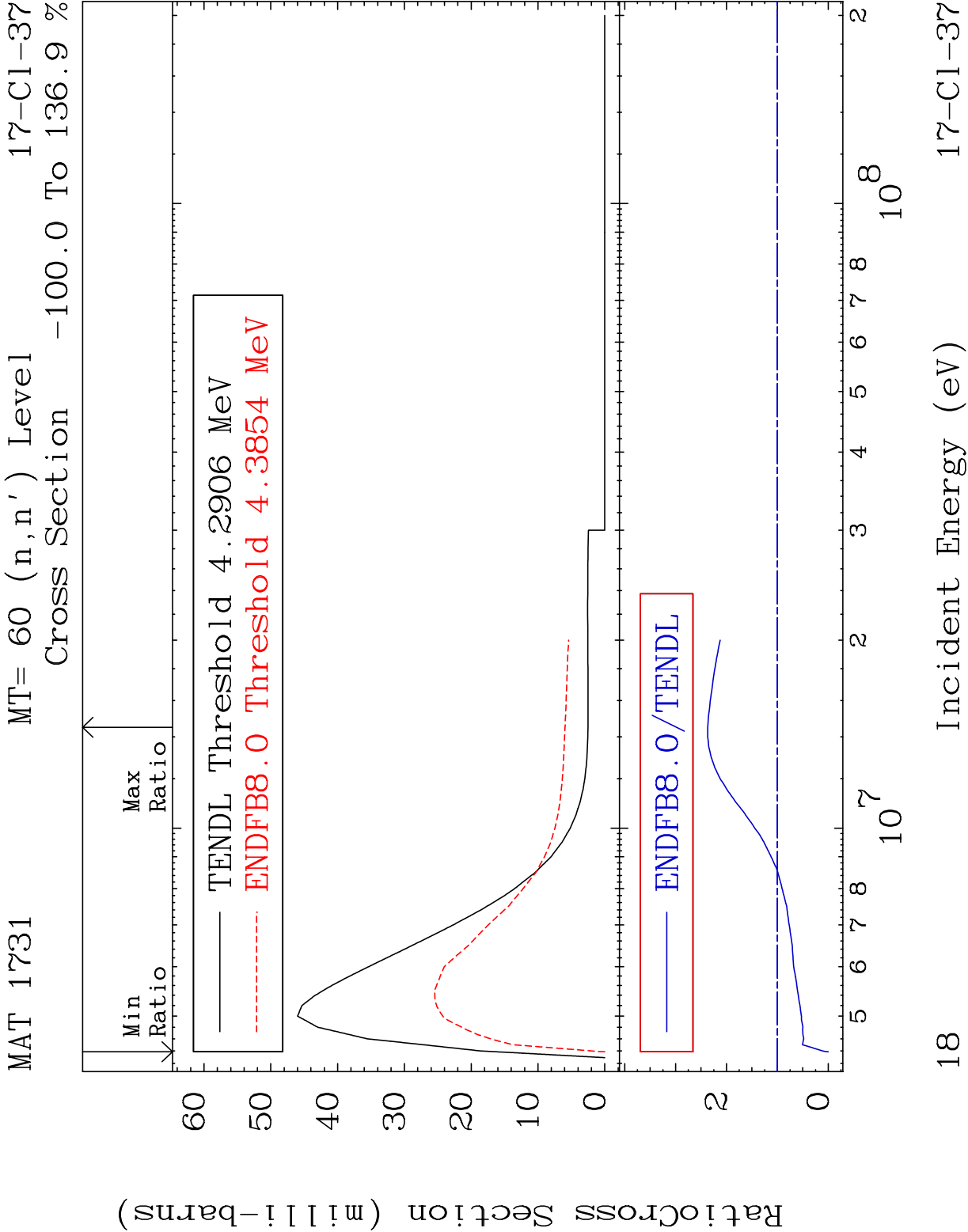


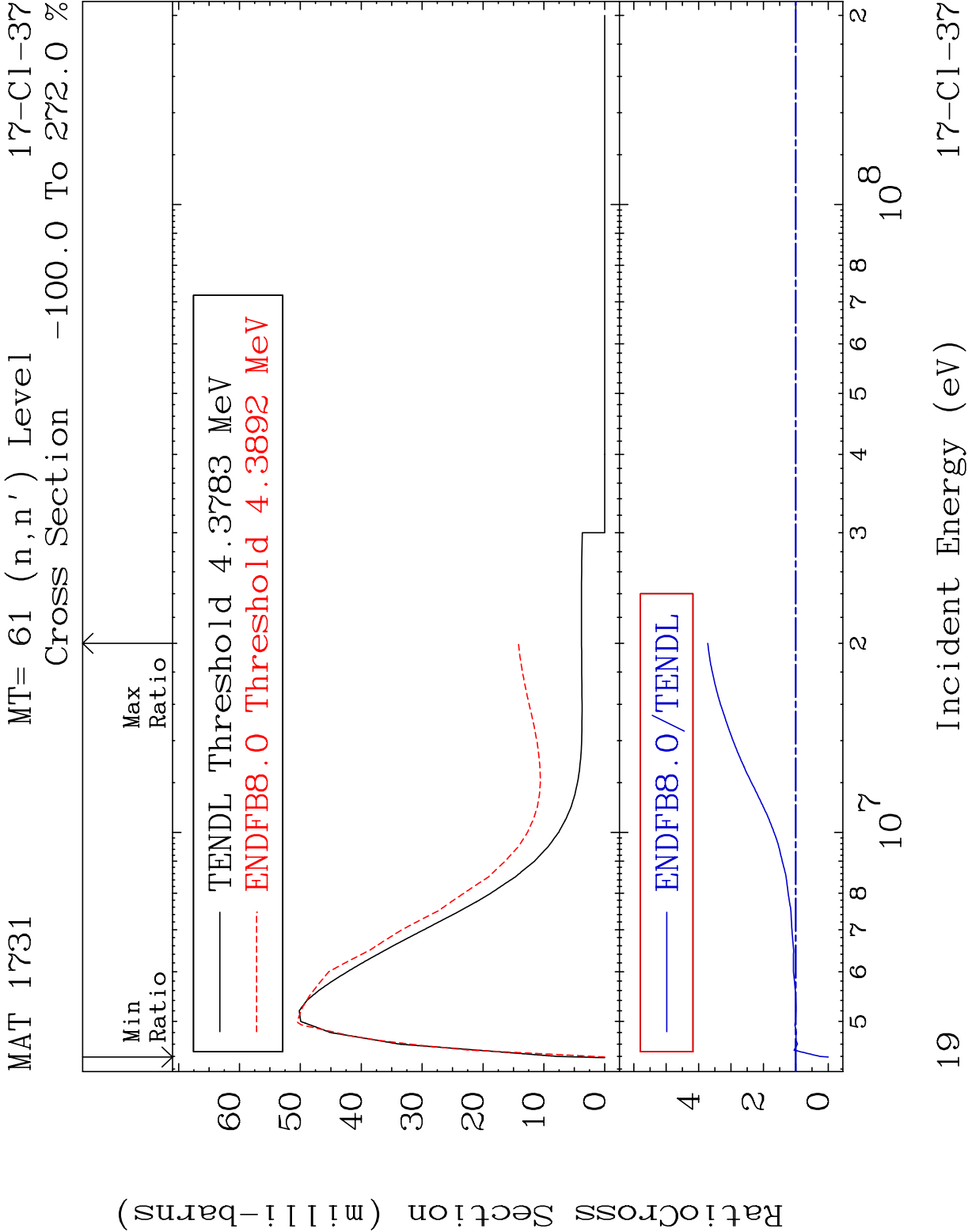










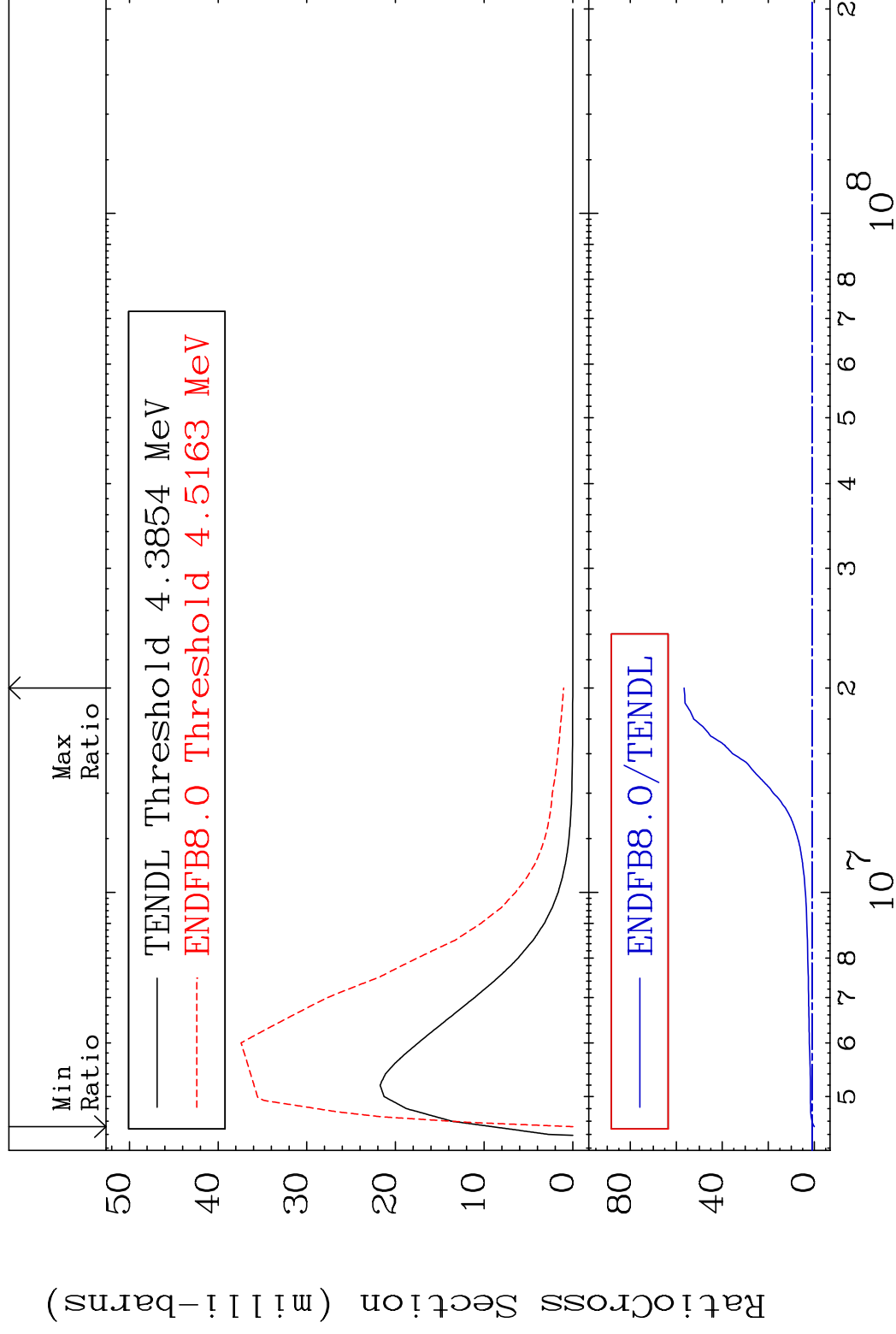


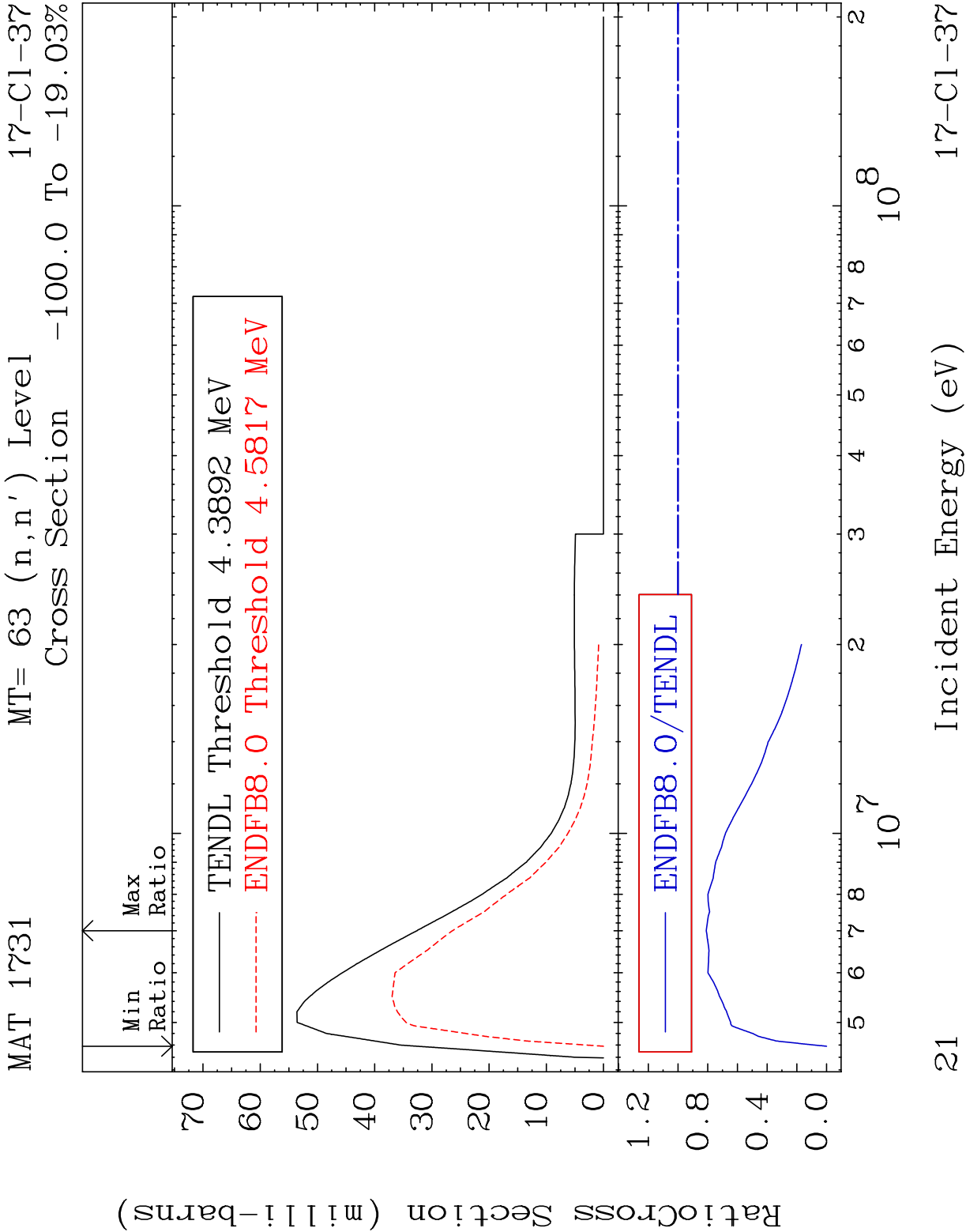
MAT 1731

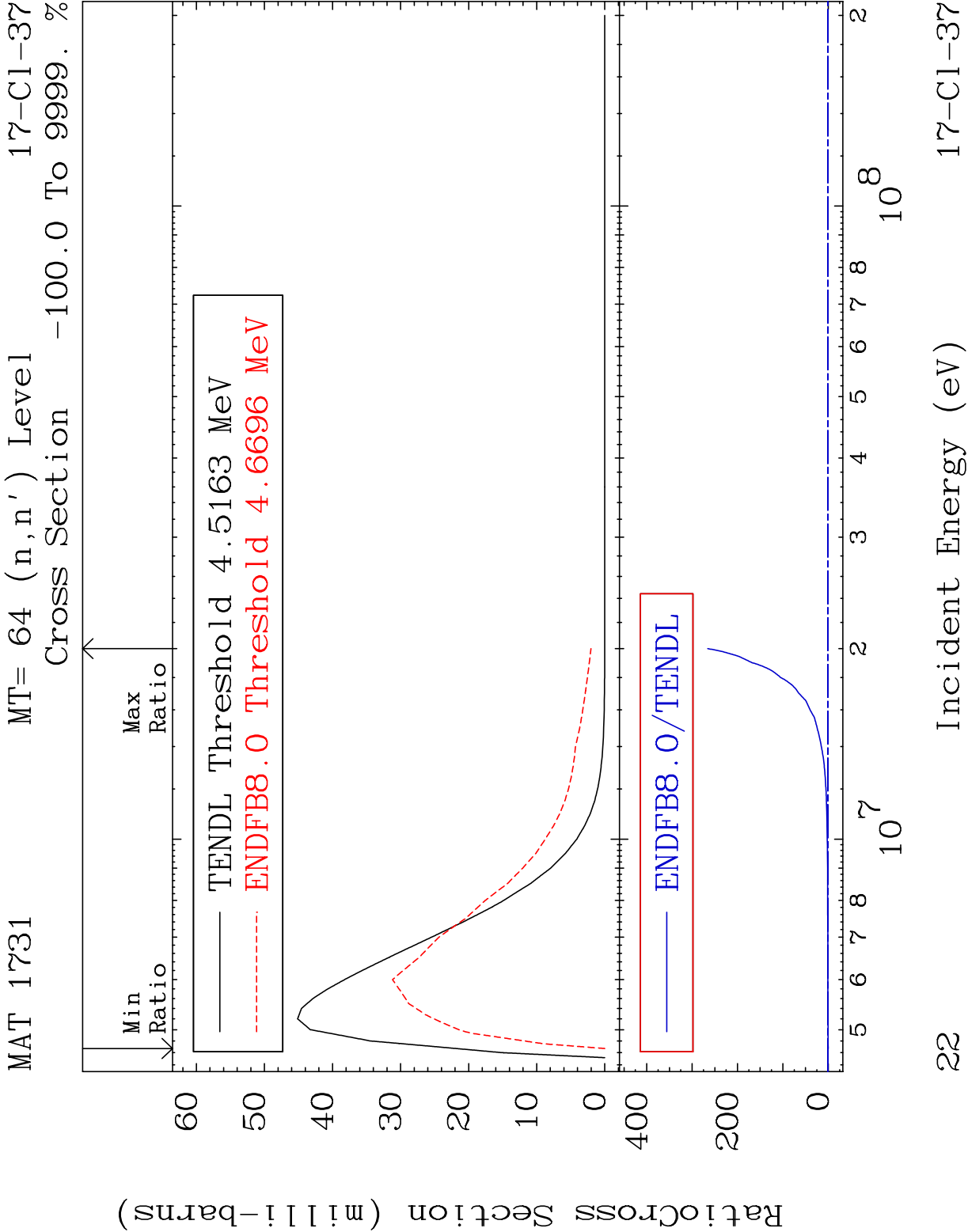
MT= 62 (n, n') Level

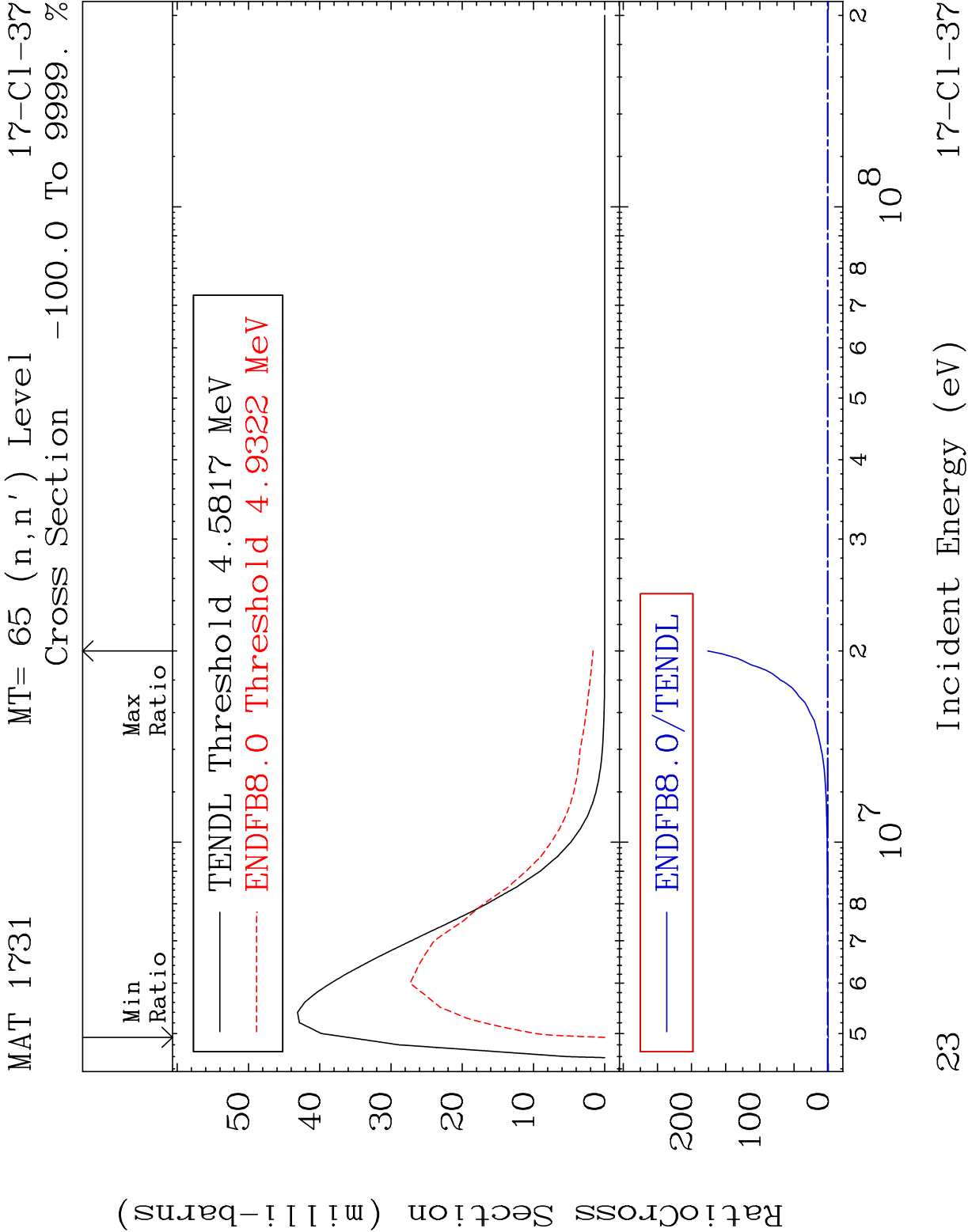
17-CI-37

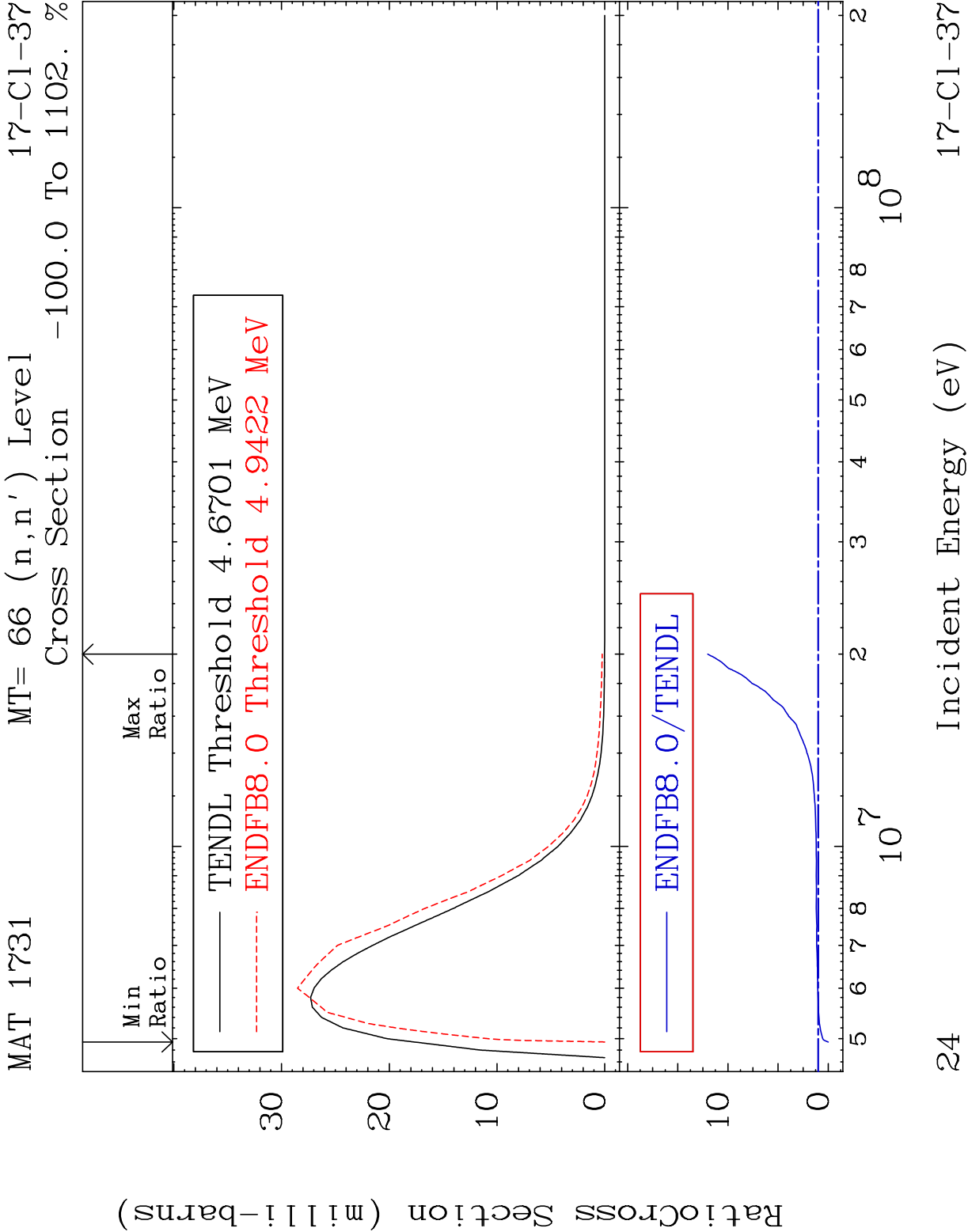
Cross Section -100.0 To 5563. %









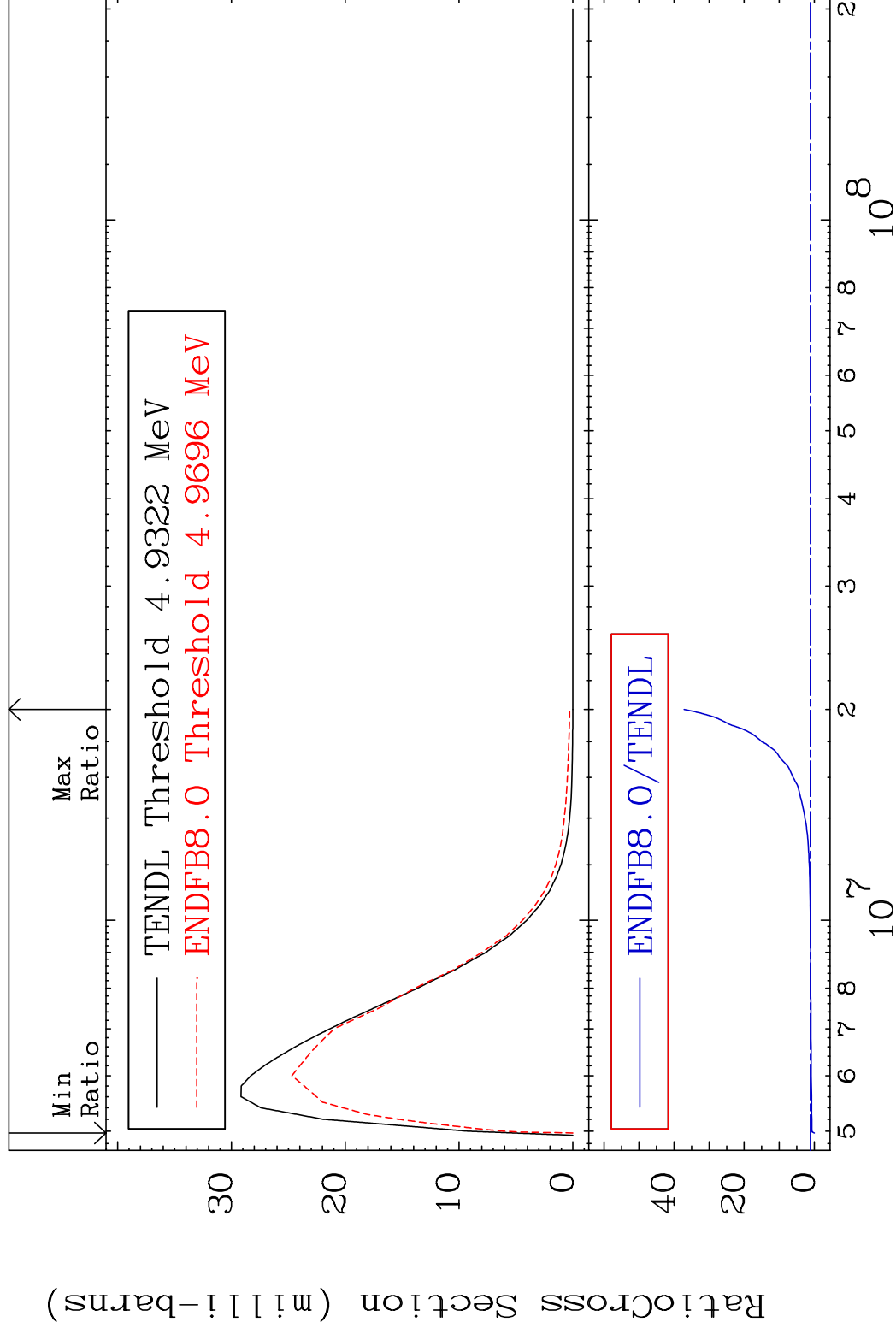


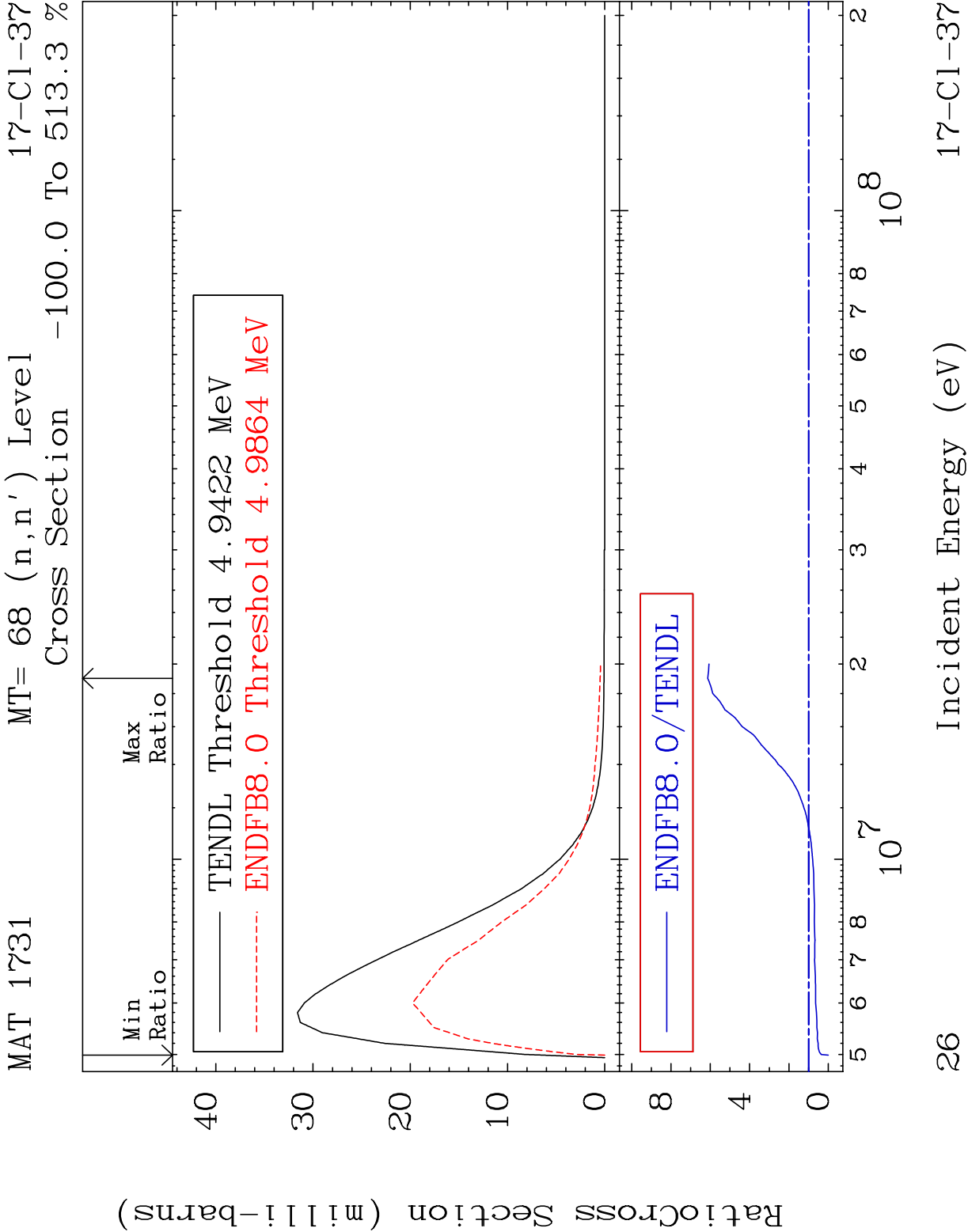
MAT 1731

MT= 67 (n, n') Level

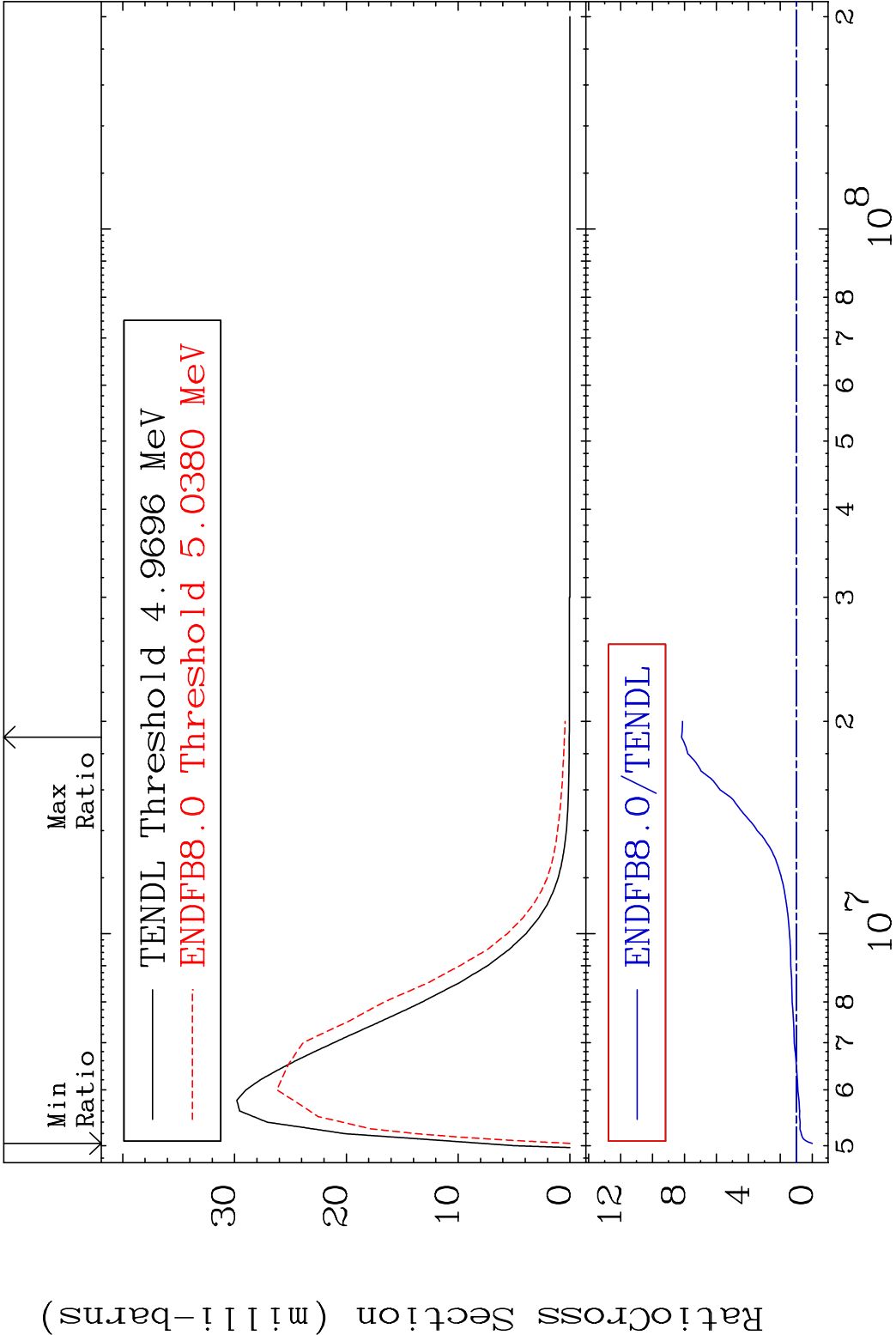
17-CI-37

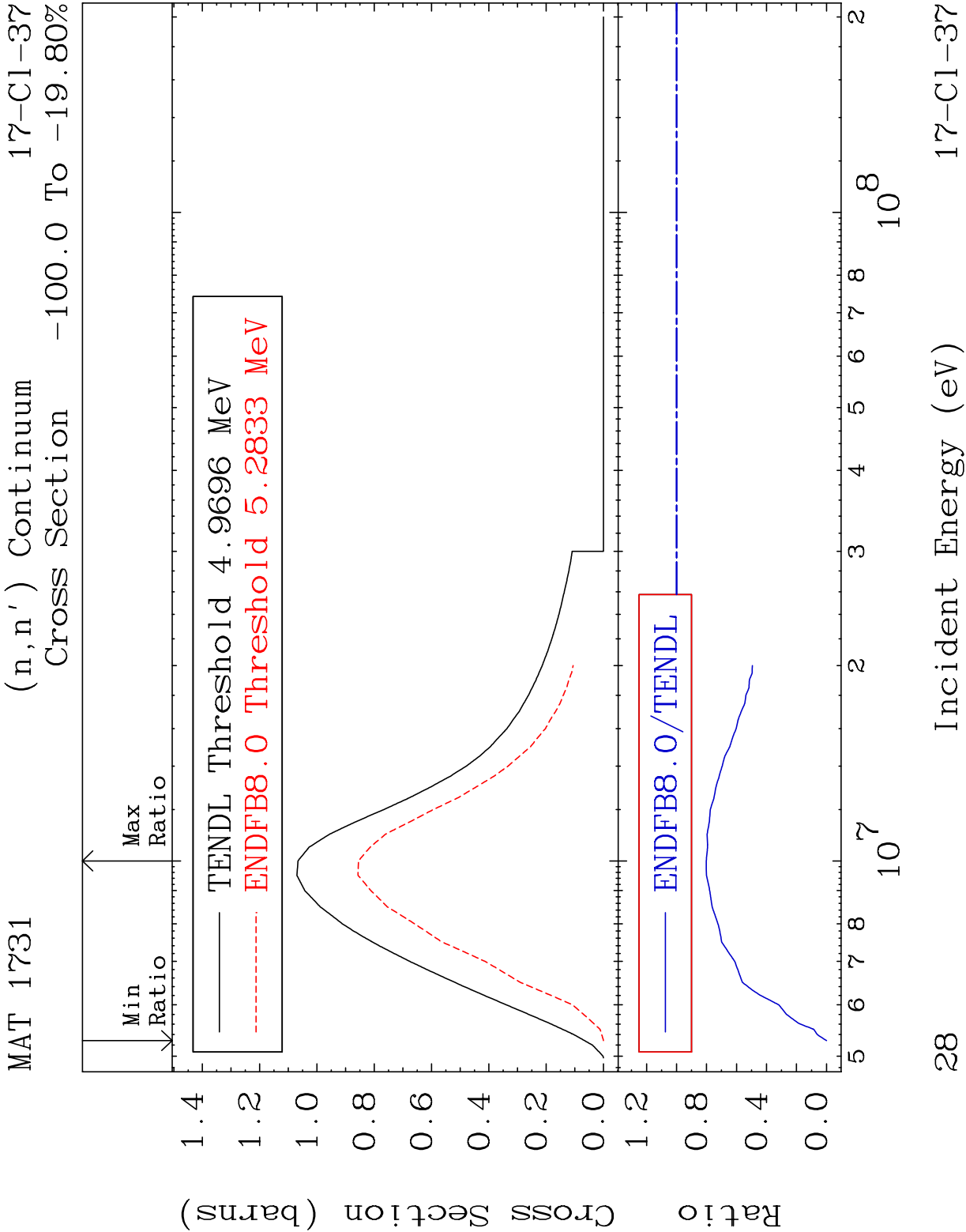
Cross Section -100.0 To 3615. %





MAT 1731      MT= 69 (n,n') Level      17-Cl-37  
Cross Section    -100.0 To 718.5 %



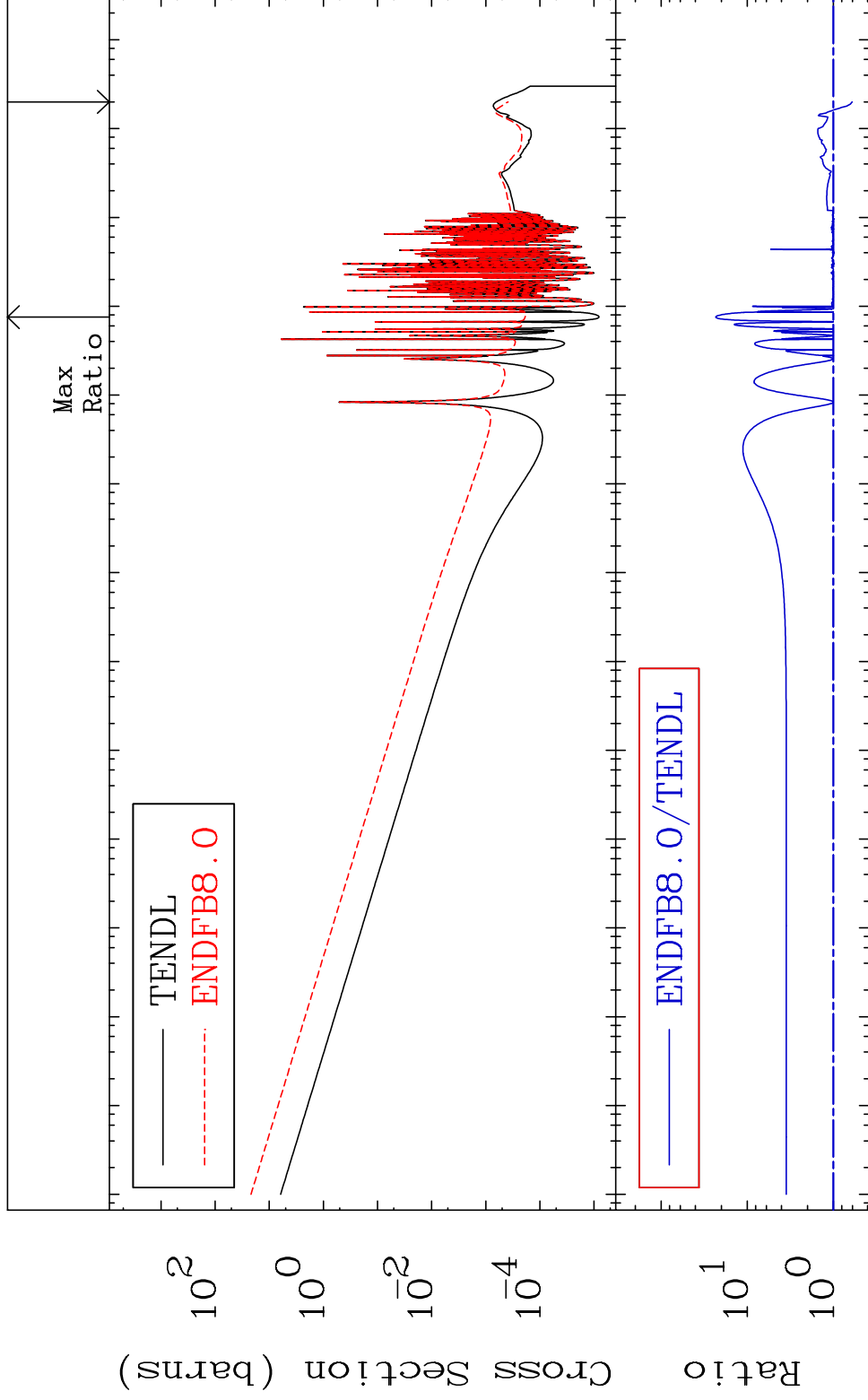


MAT 1731

(n,  $\gamma$ )

17-Cl-37

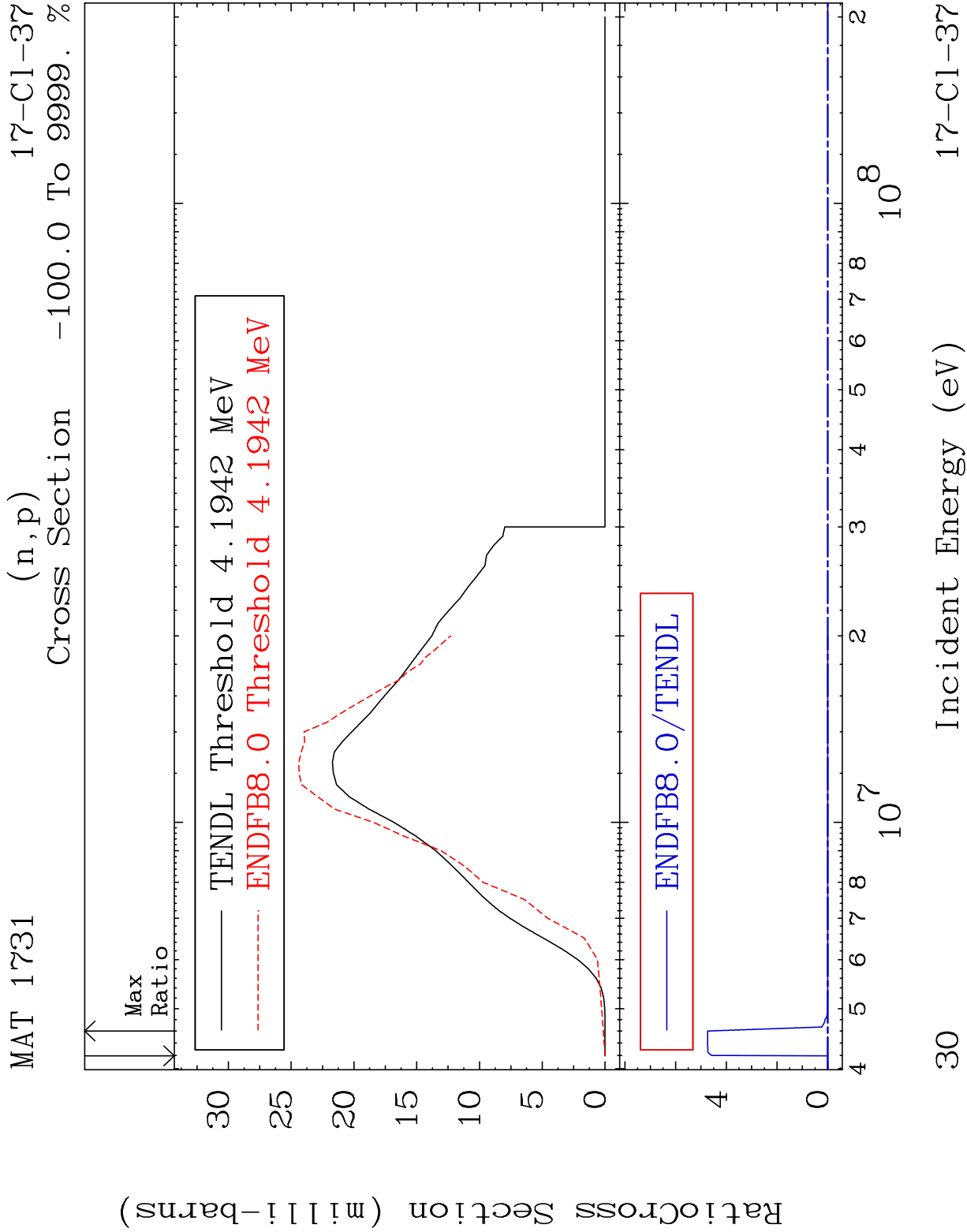
Cross Section      -39.56 To 2230. %

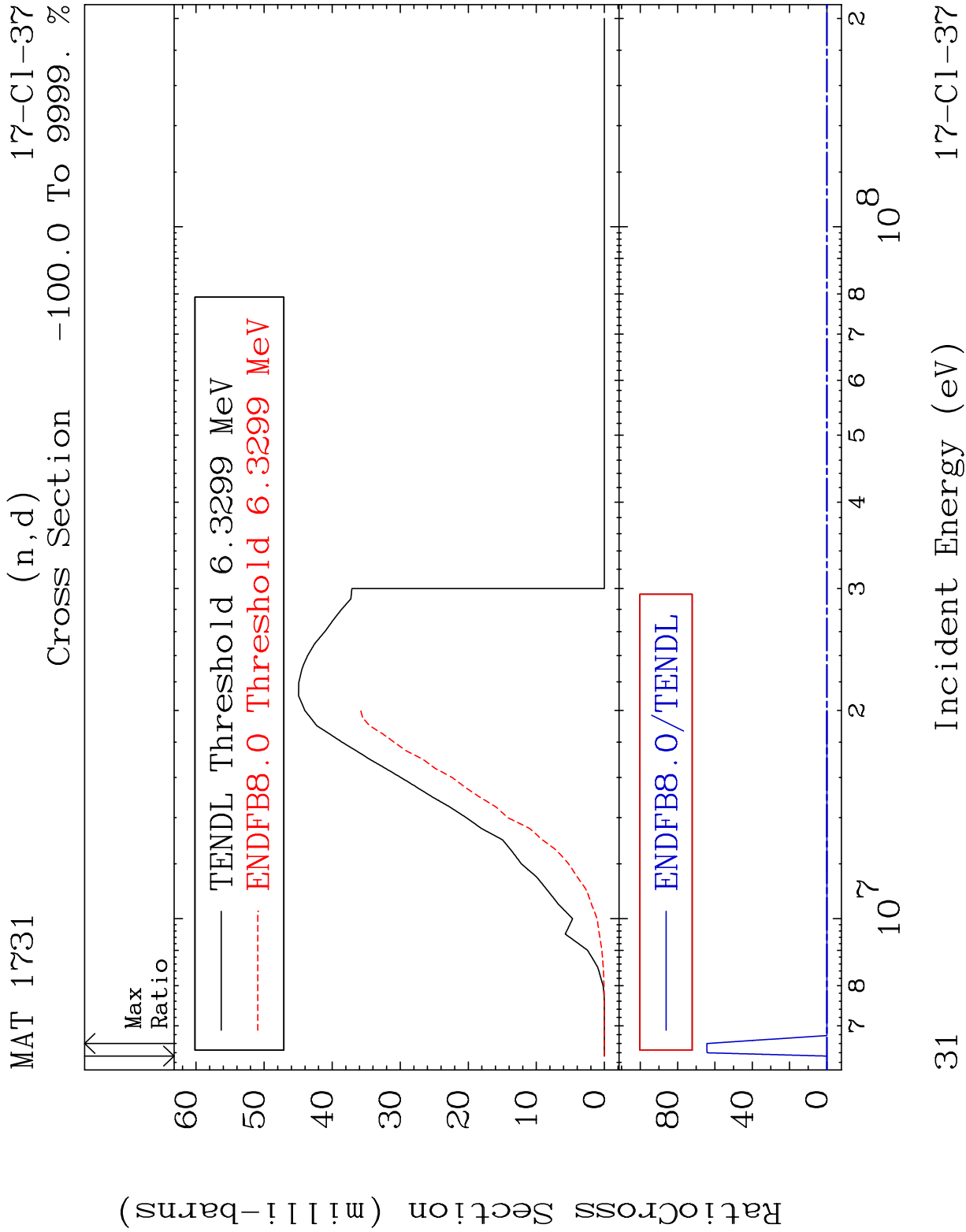


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Incident Energy (eV)

17-Cl-37



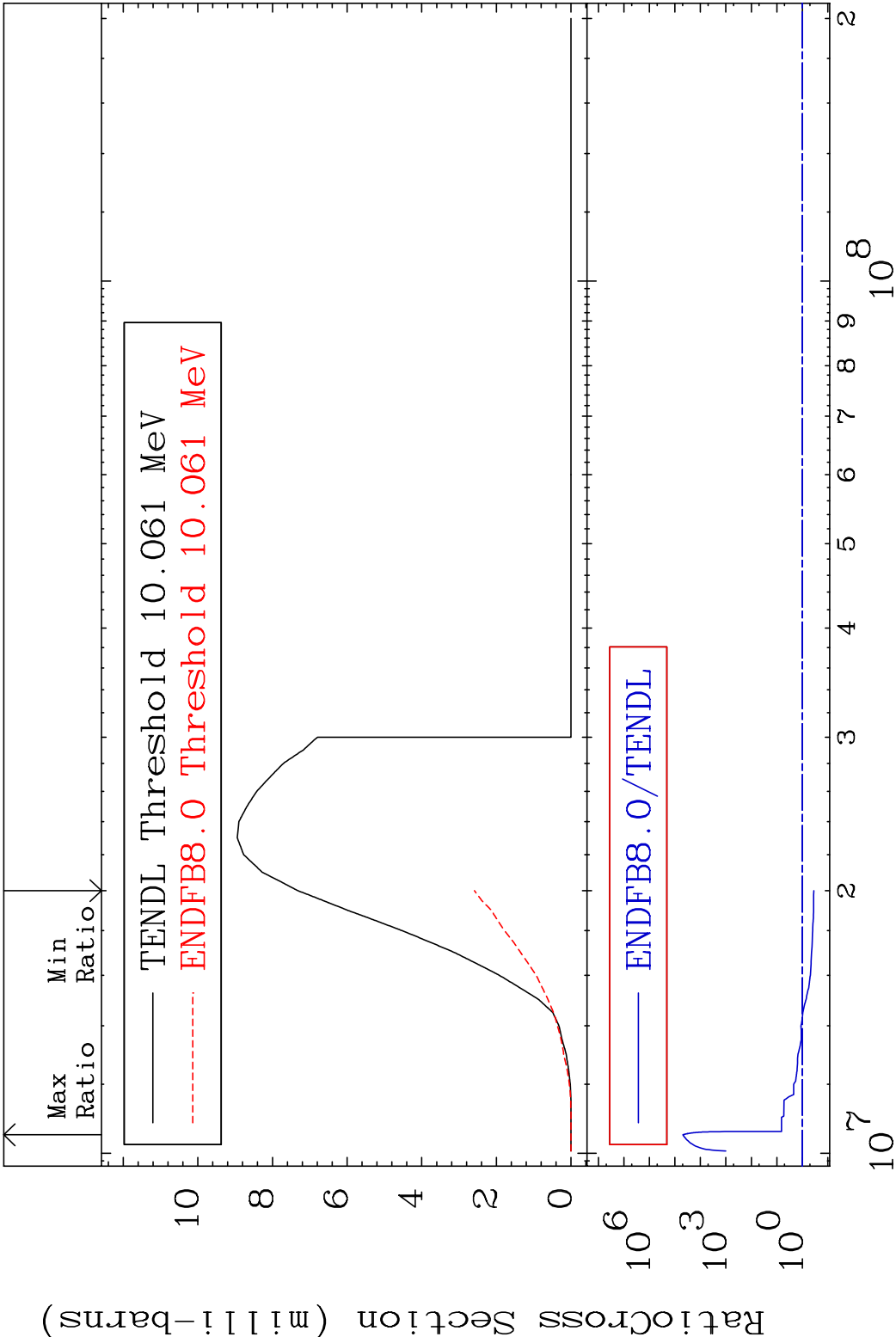


MAT 1731

(n,t)

17-Cl-37

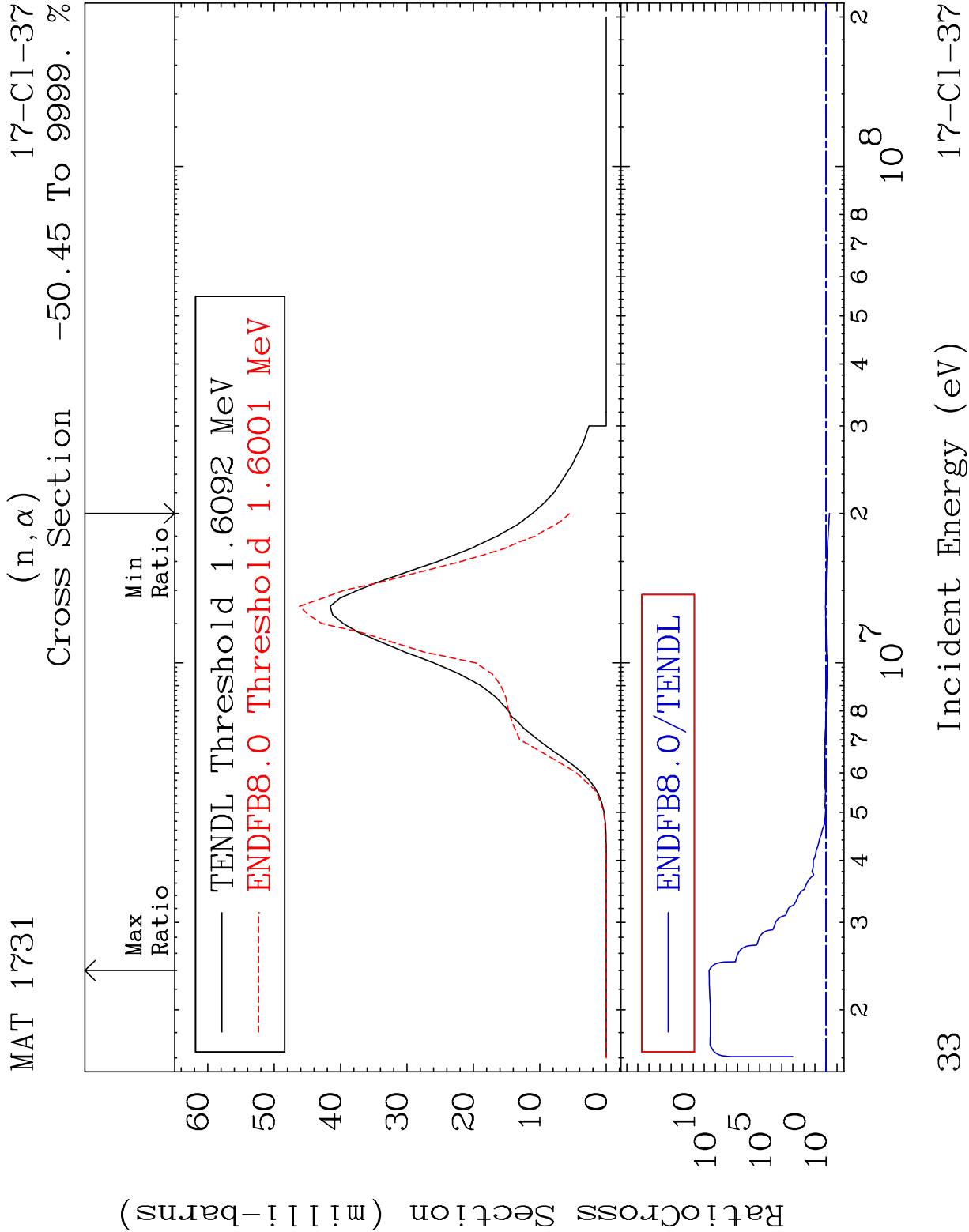
Cross Section -64.63 To 9999. %

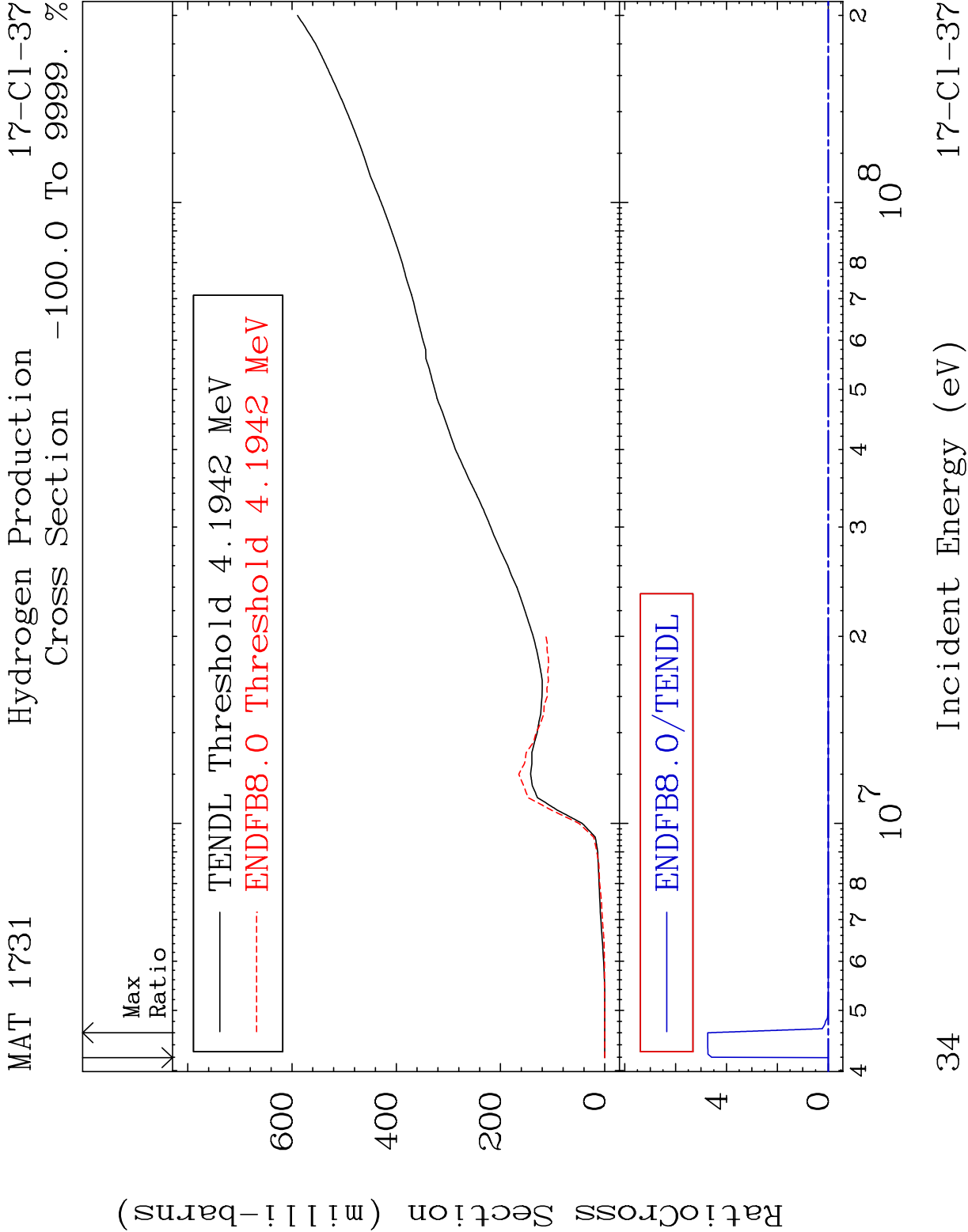


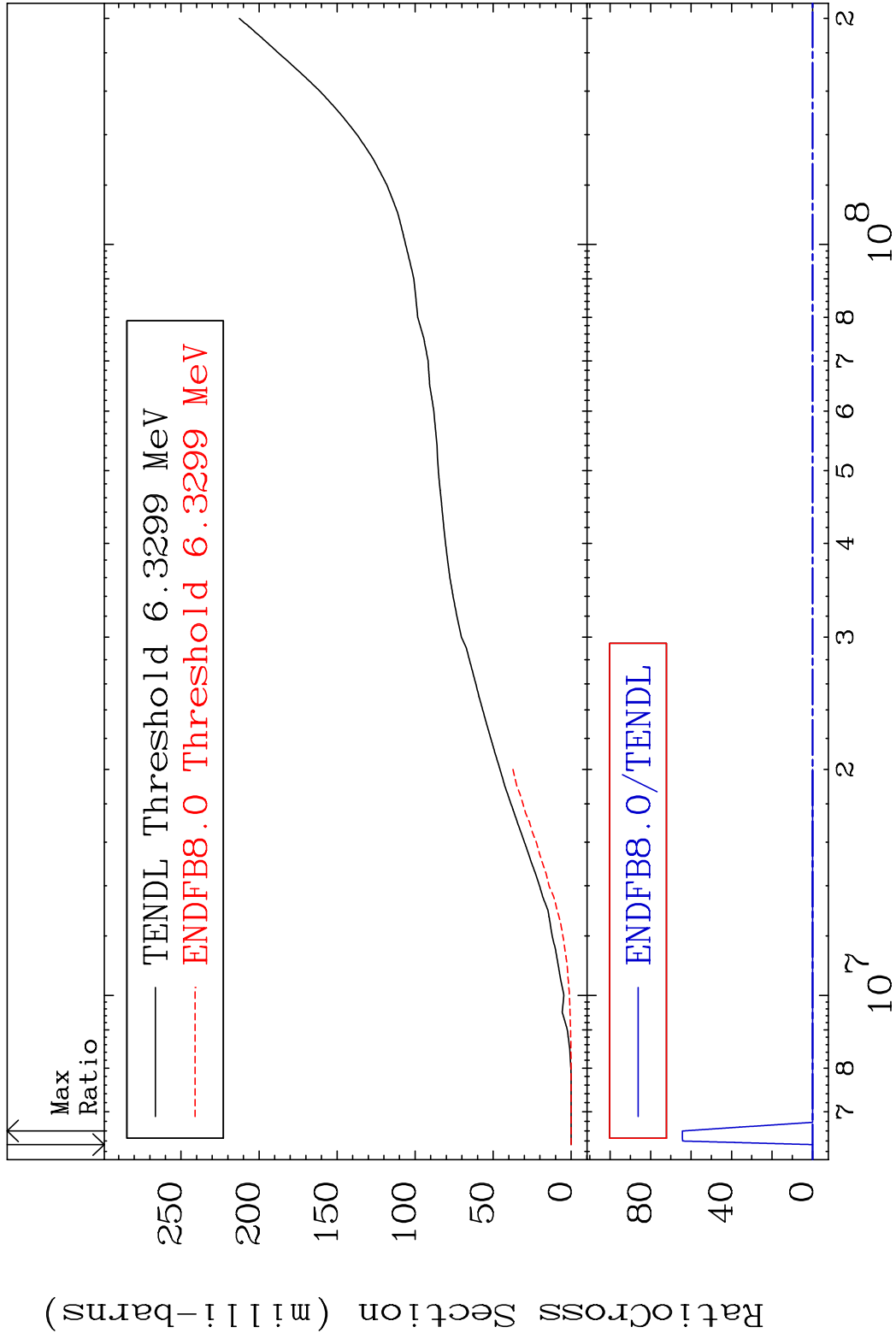
32

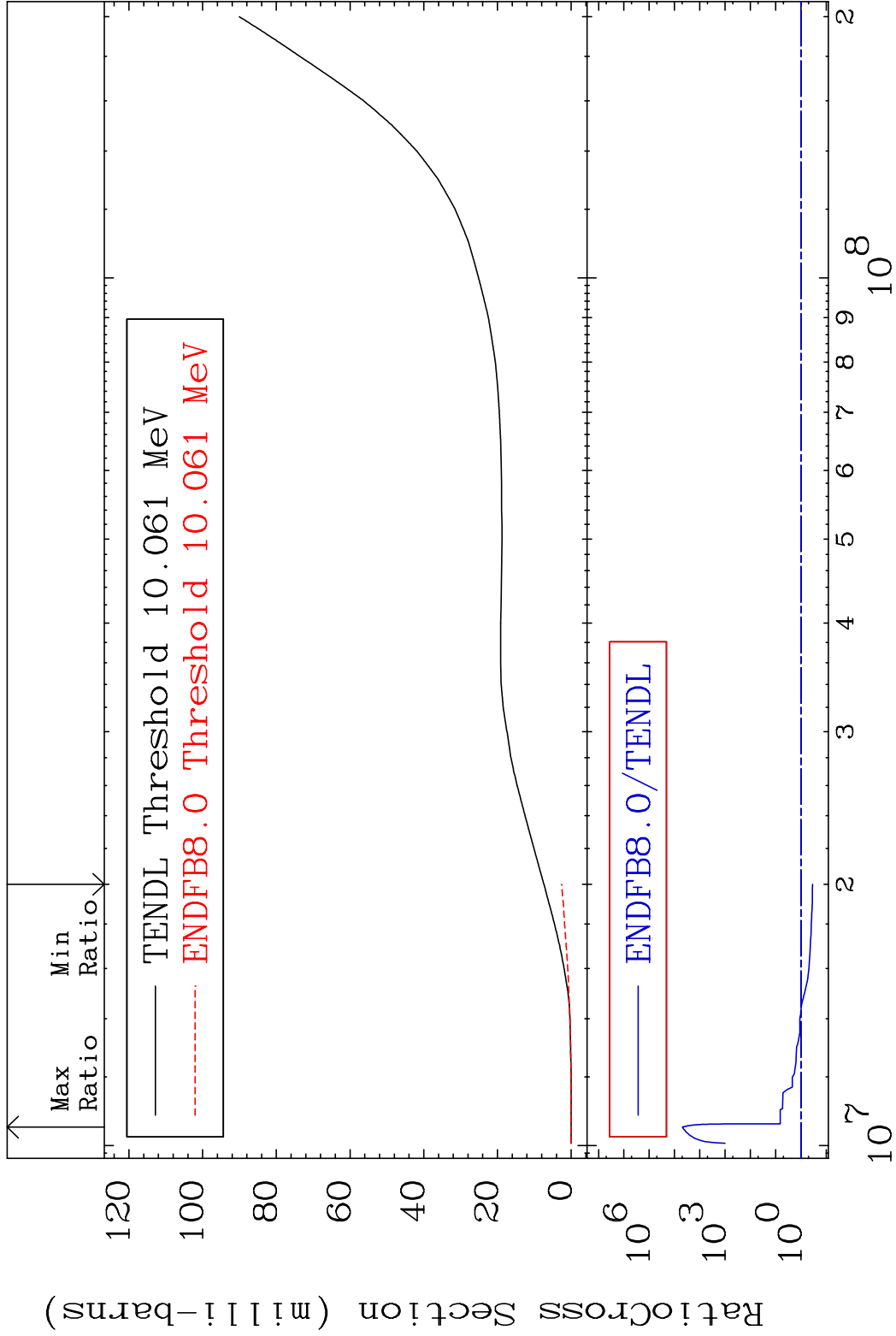
Incident Energy (eV)

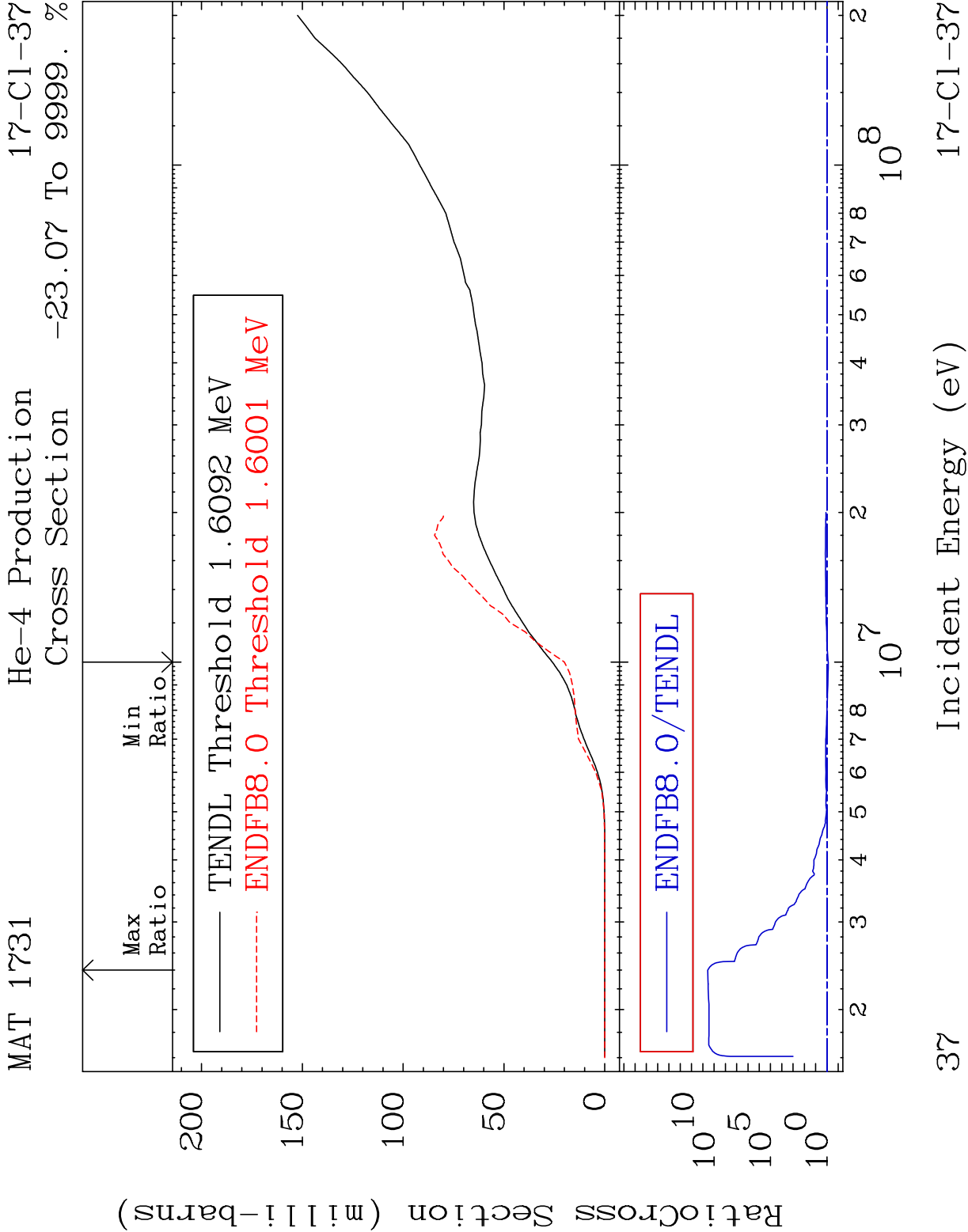
17-Cl-37

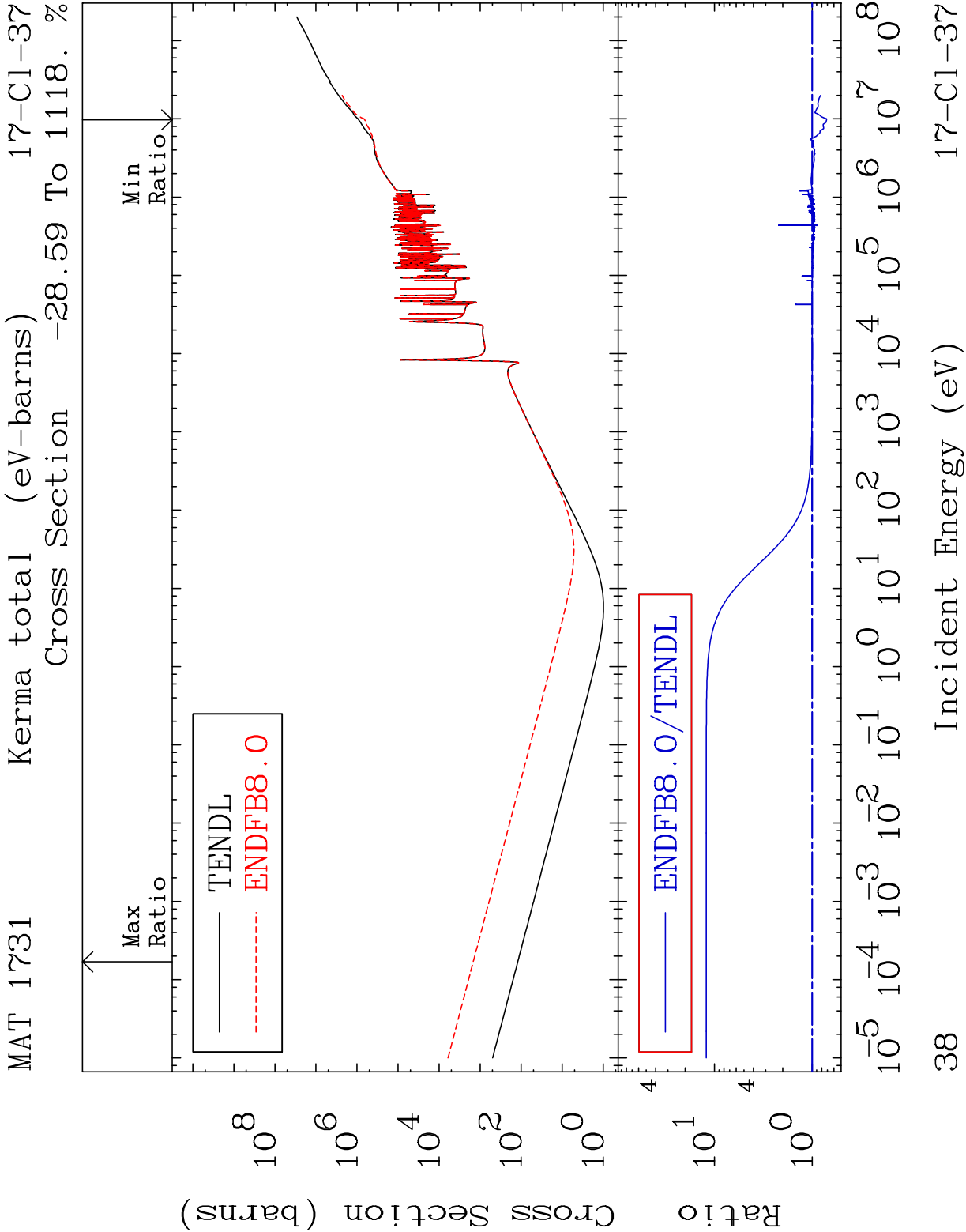


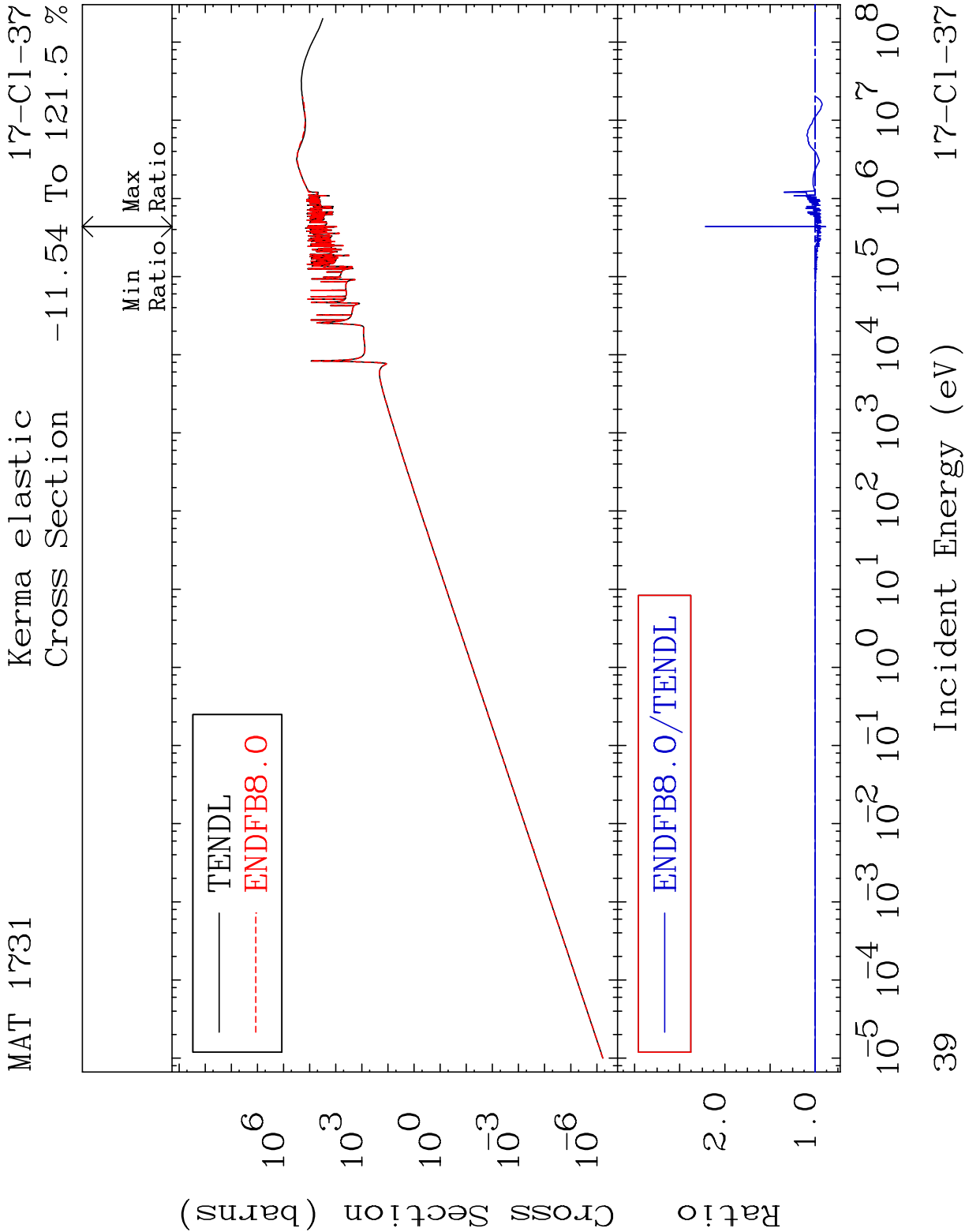




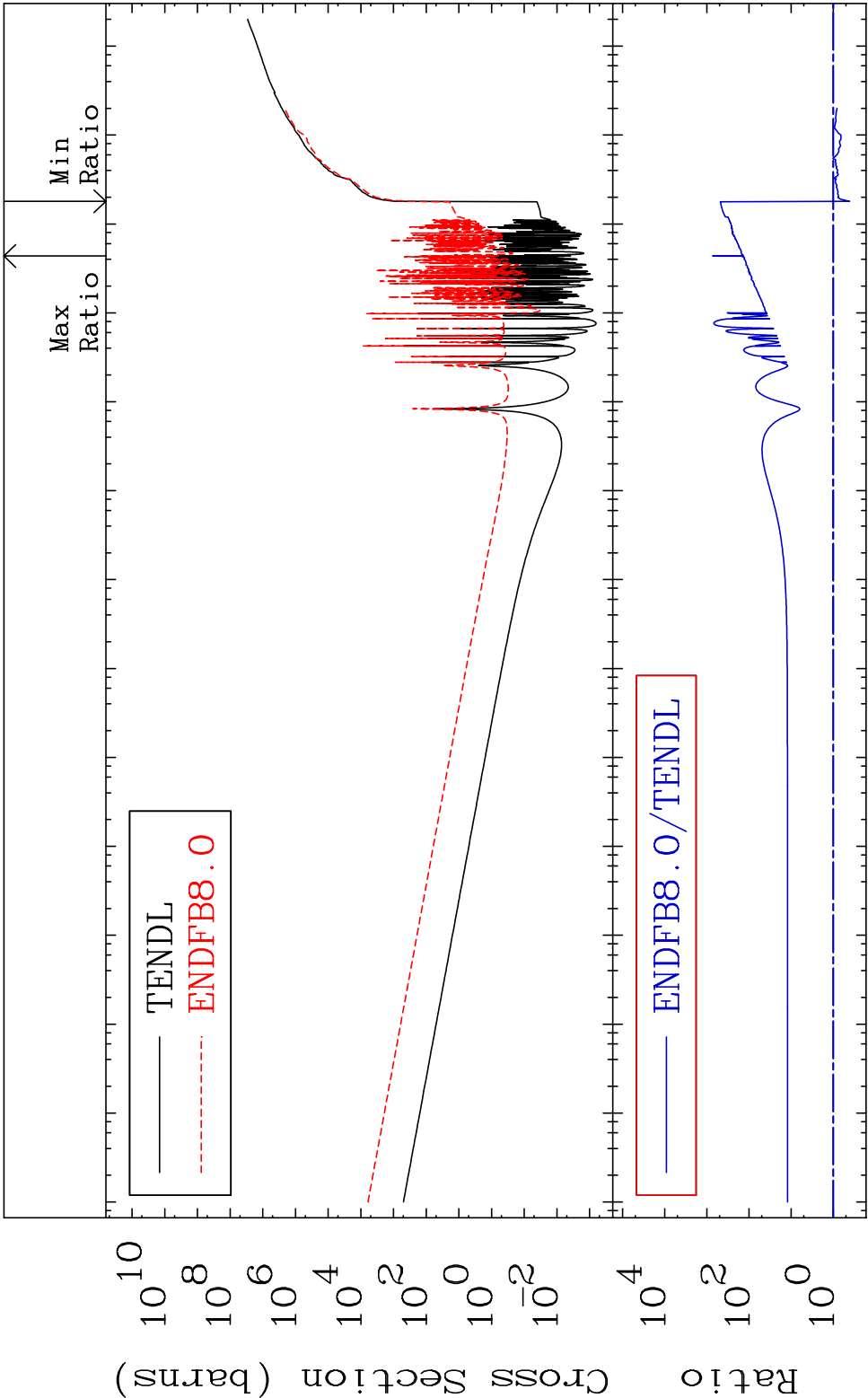




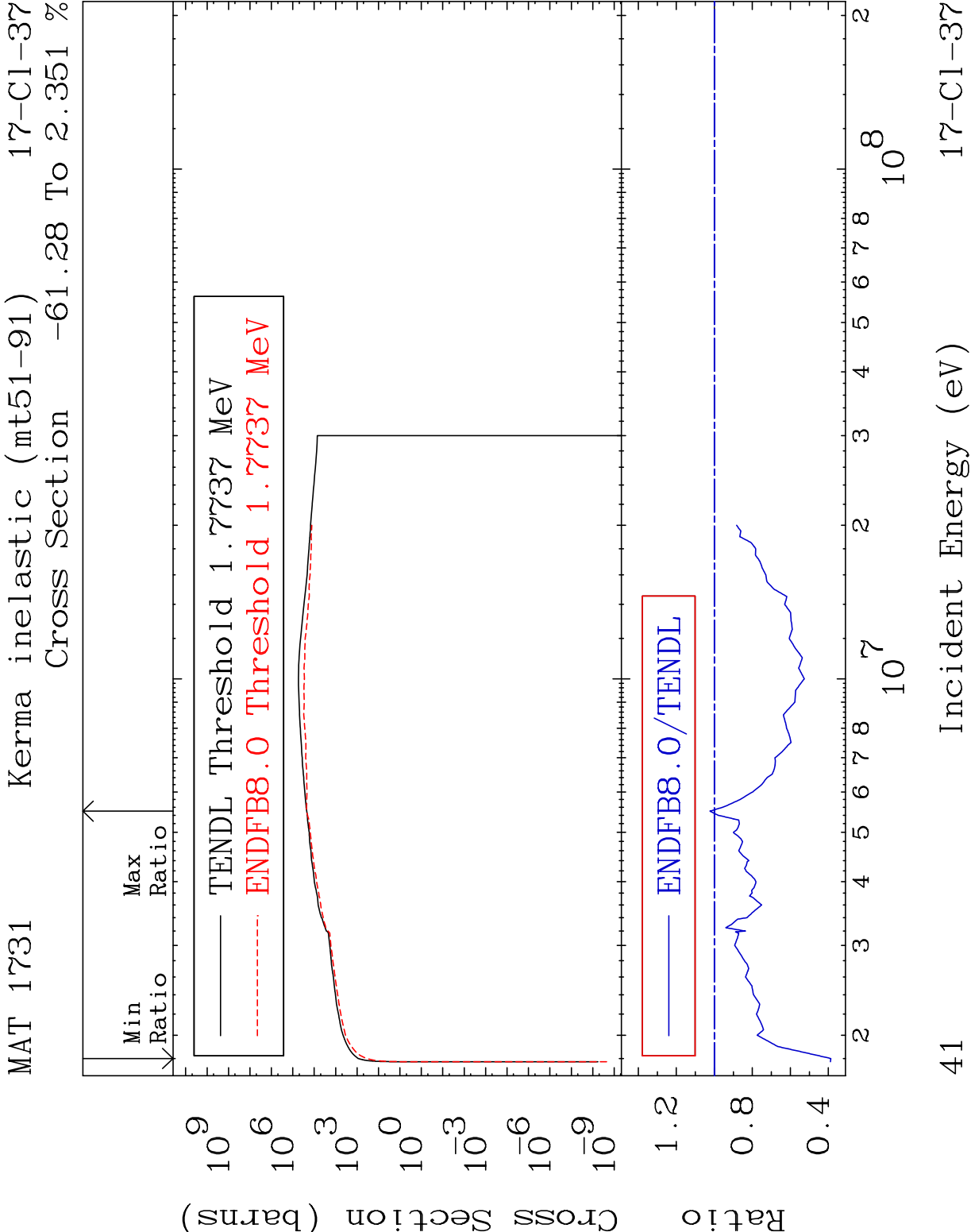




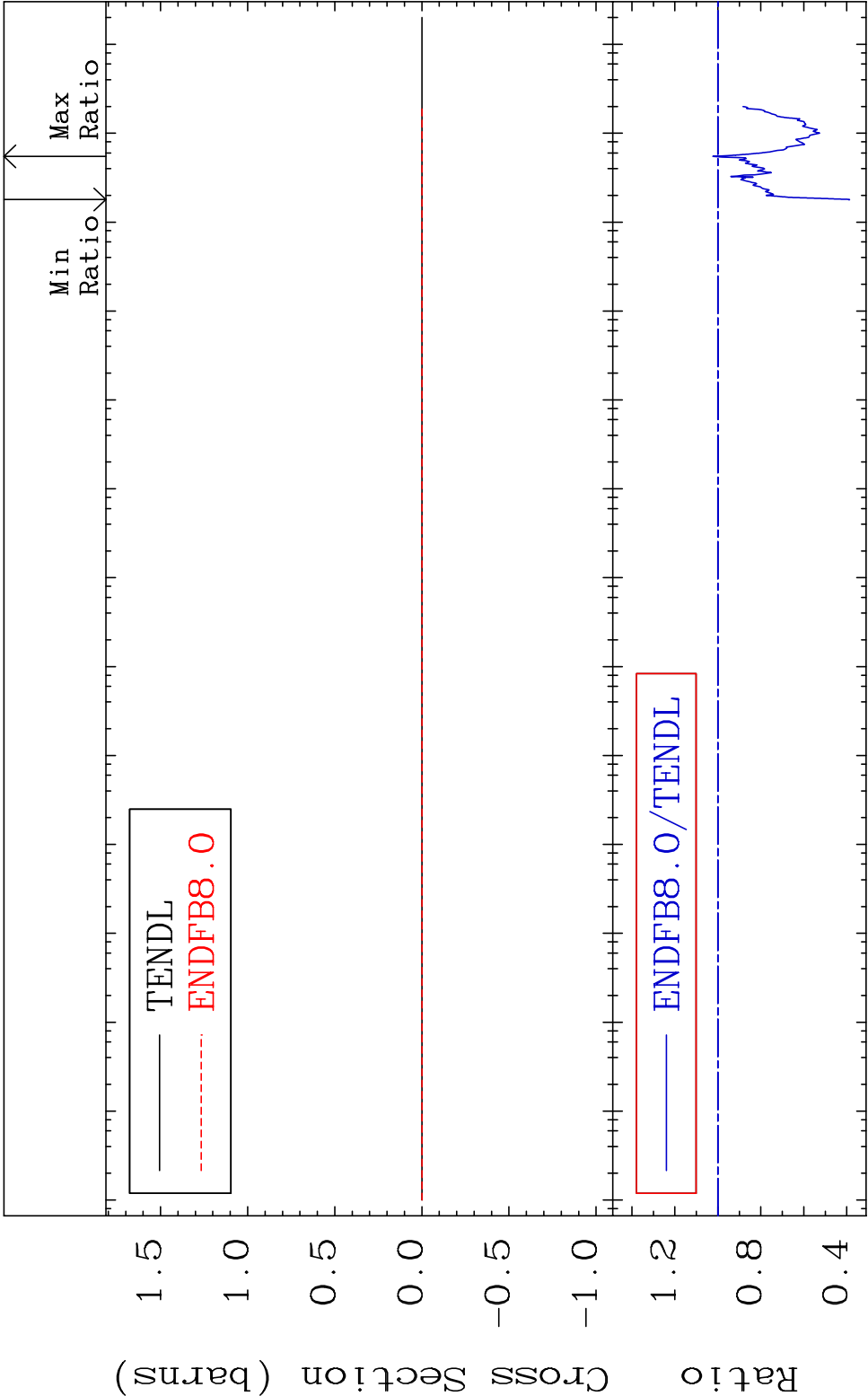
MAT 1731    Kerma non-elastic (all but mt2)    17-Cl-37  
 Cross Section    -59.04 To 9999. %

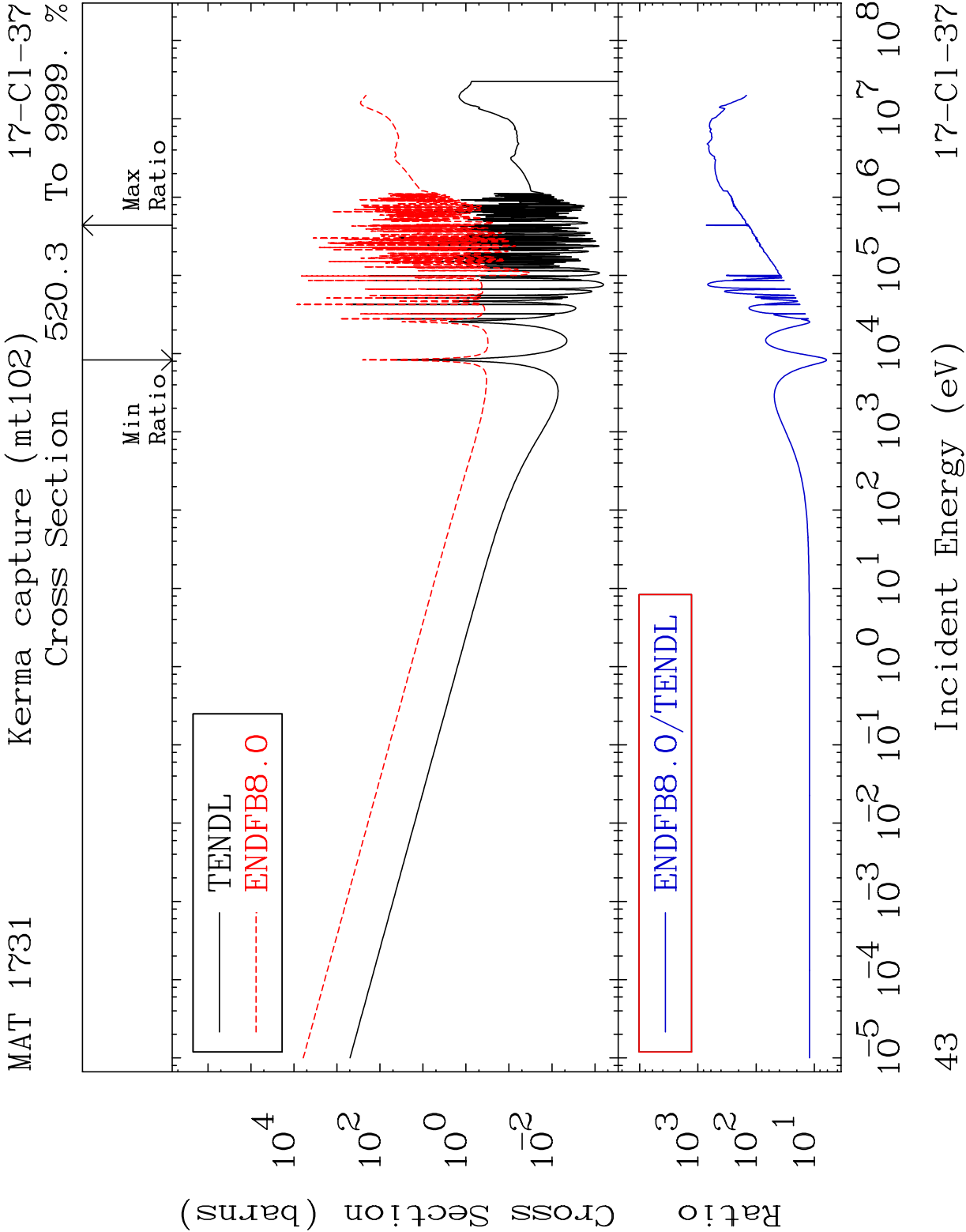


40    Incident Energy (eV)    17-Cl-37

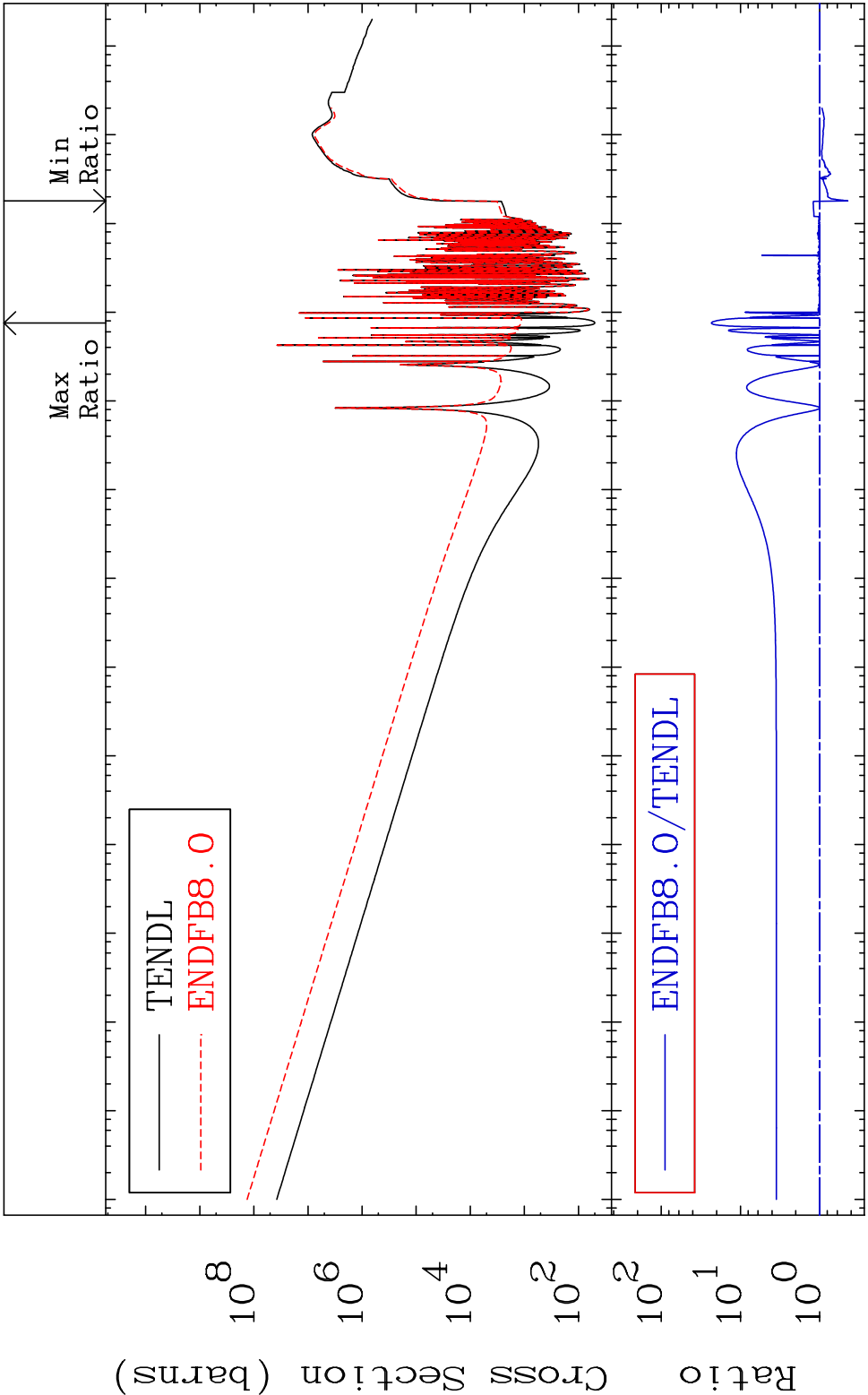


MAT 1731 Kerma fission (mt18 or mt19-20-21-38) 17-Cl-37  
Cross Section -61.28 To 2.351 %





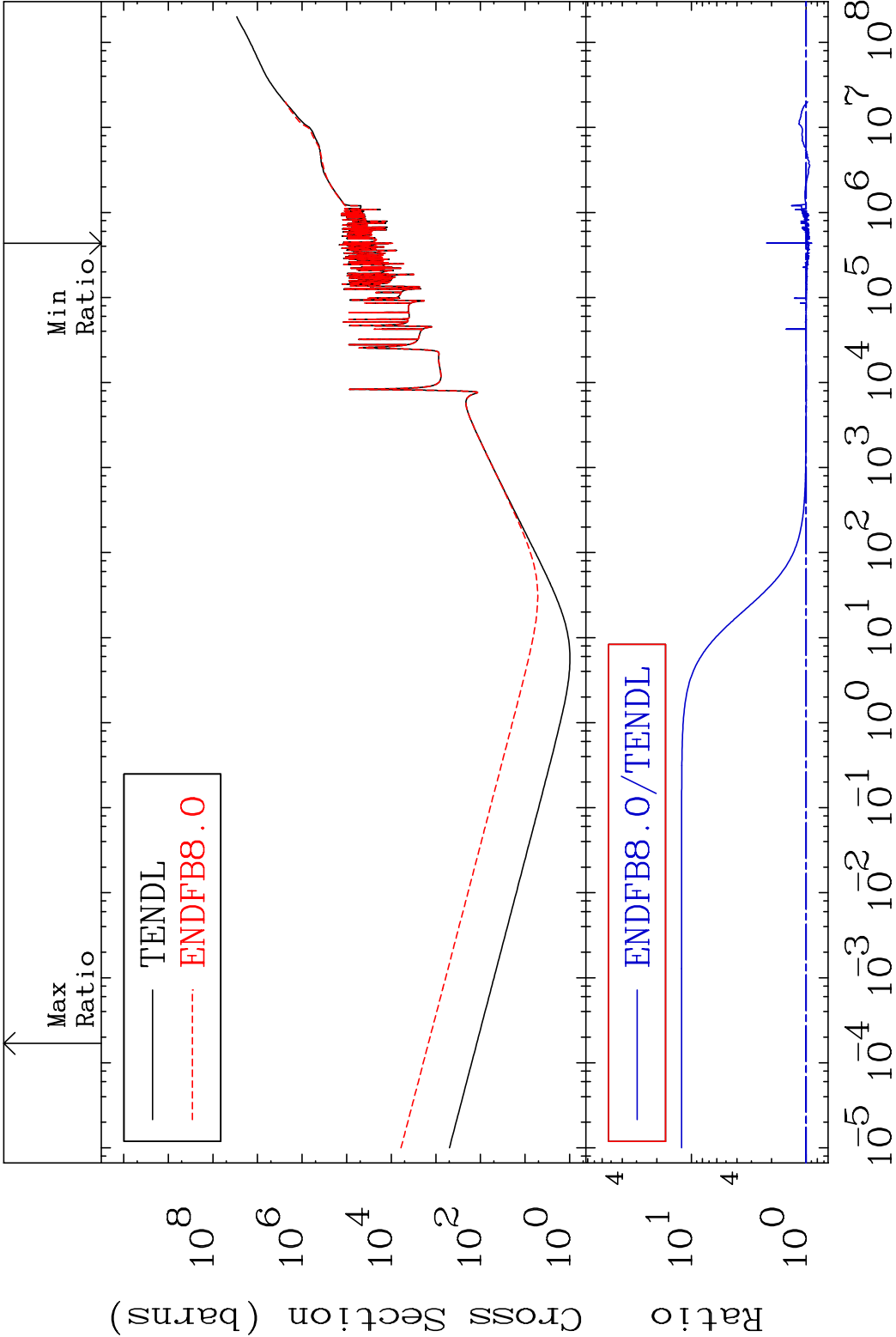
MAT 1731      Total photon (eV-barns)      17-Cl-37  
Cross Section    -55.88 To 2231. %



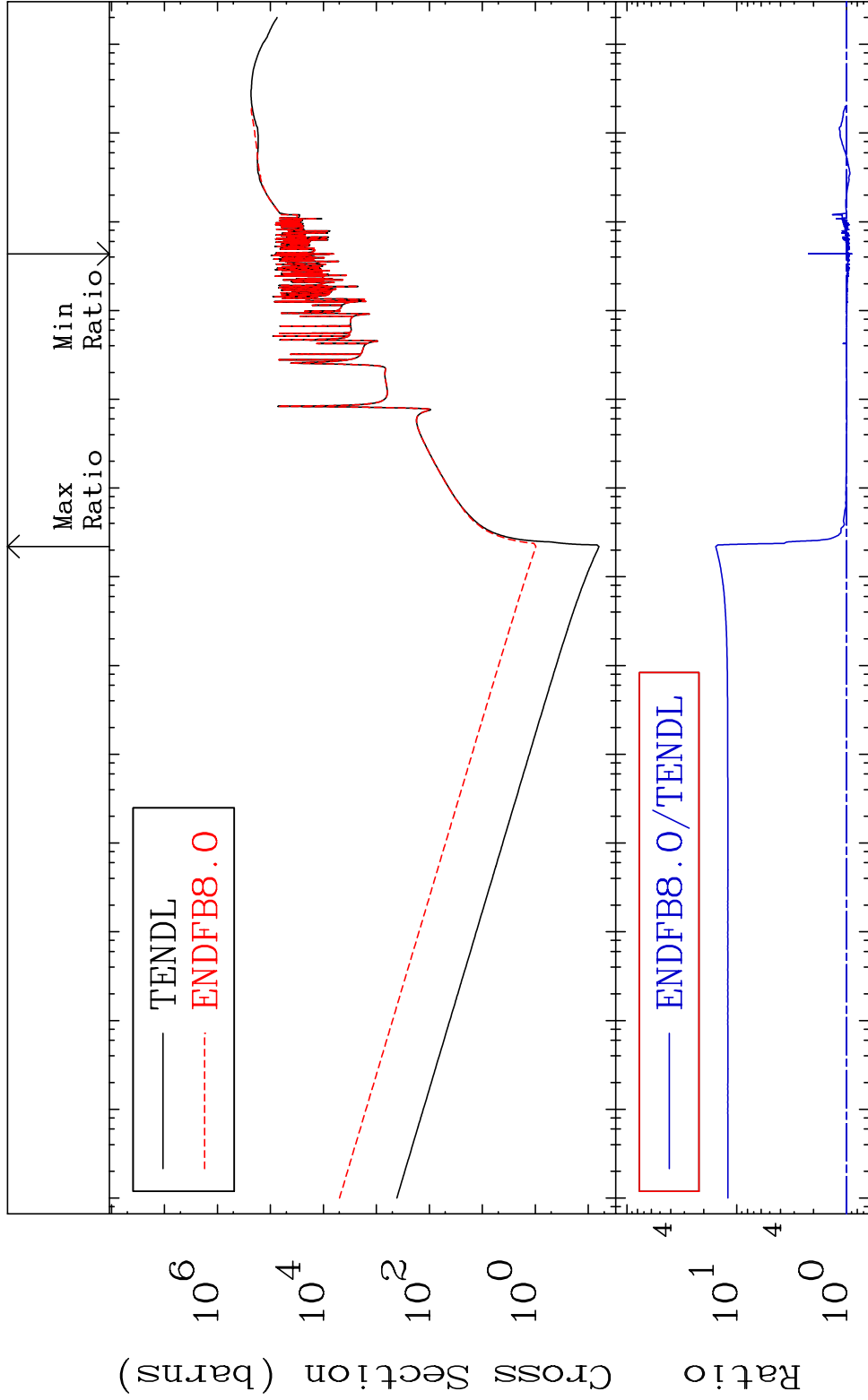
$10^{-5}$   $10^{-4}$   $10^{-3}$   $10^{-2}$   $10^{-1}$   $10^0$   $10^1$   $10^2$   $10^3$   $10^4$   $10^5$   $10^6$   $10^7$   $10^8$

44      Incident Energy (eV)      17-Cl-37

MAT 1731 Total kinematic kerma (high limit) 17-Cl-37  
Cross Section -11.51 To 1118. %



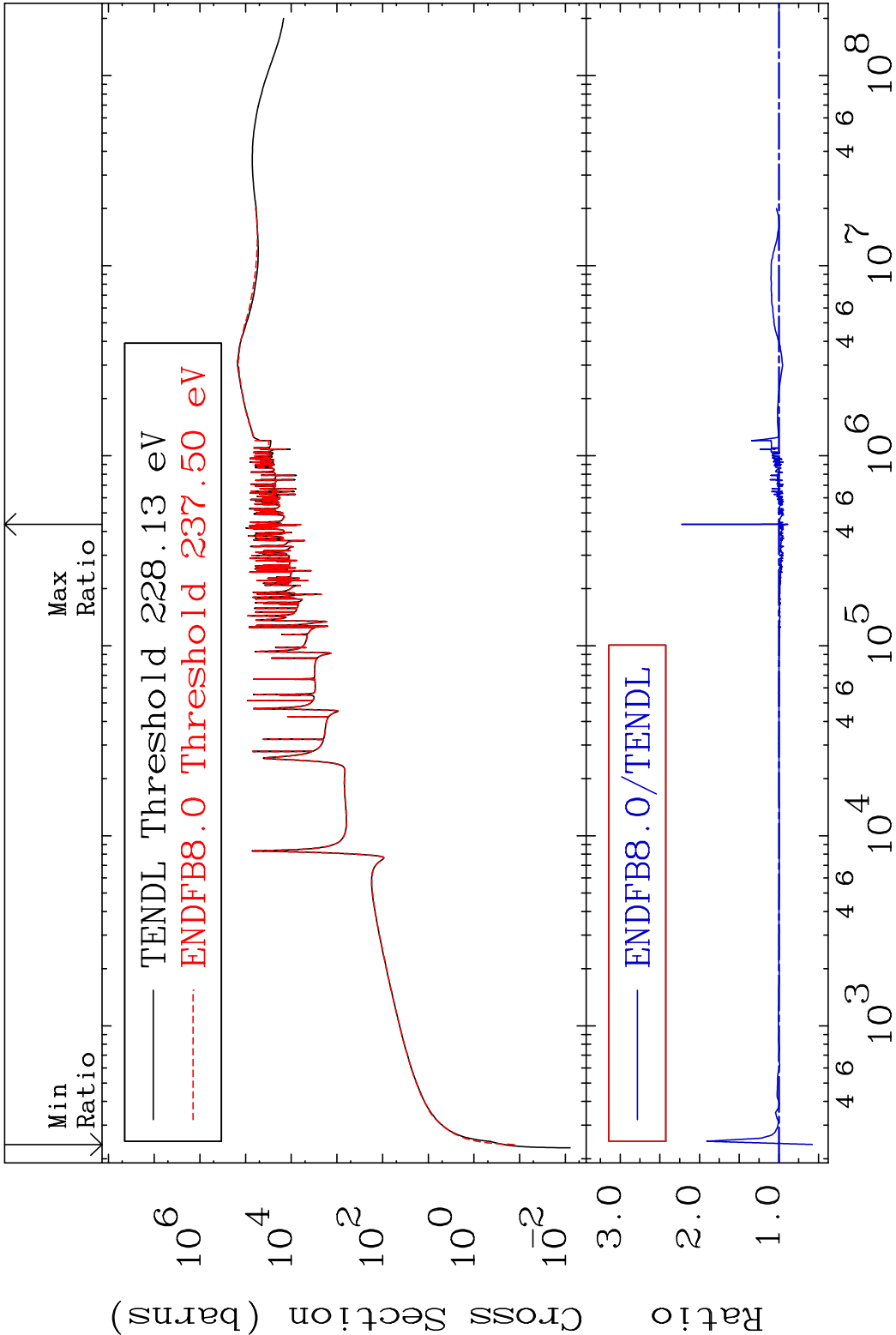
MAT 1731      Dpa total (eV-barns)      17-Cl-37  
Cross Section      -11.16 To 1456. %

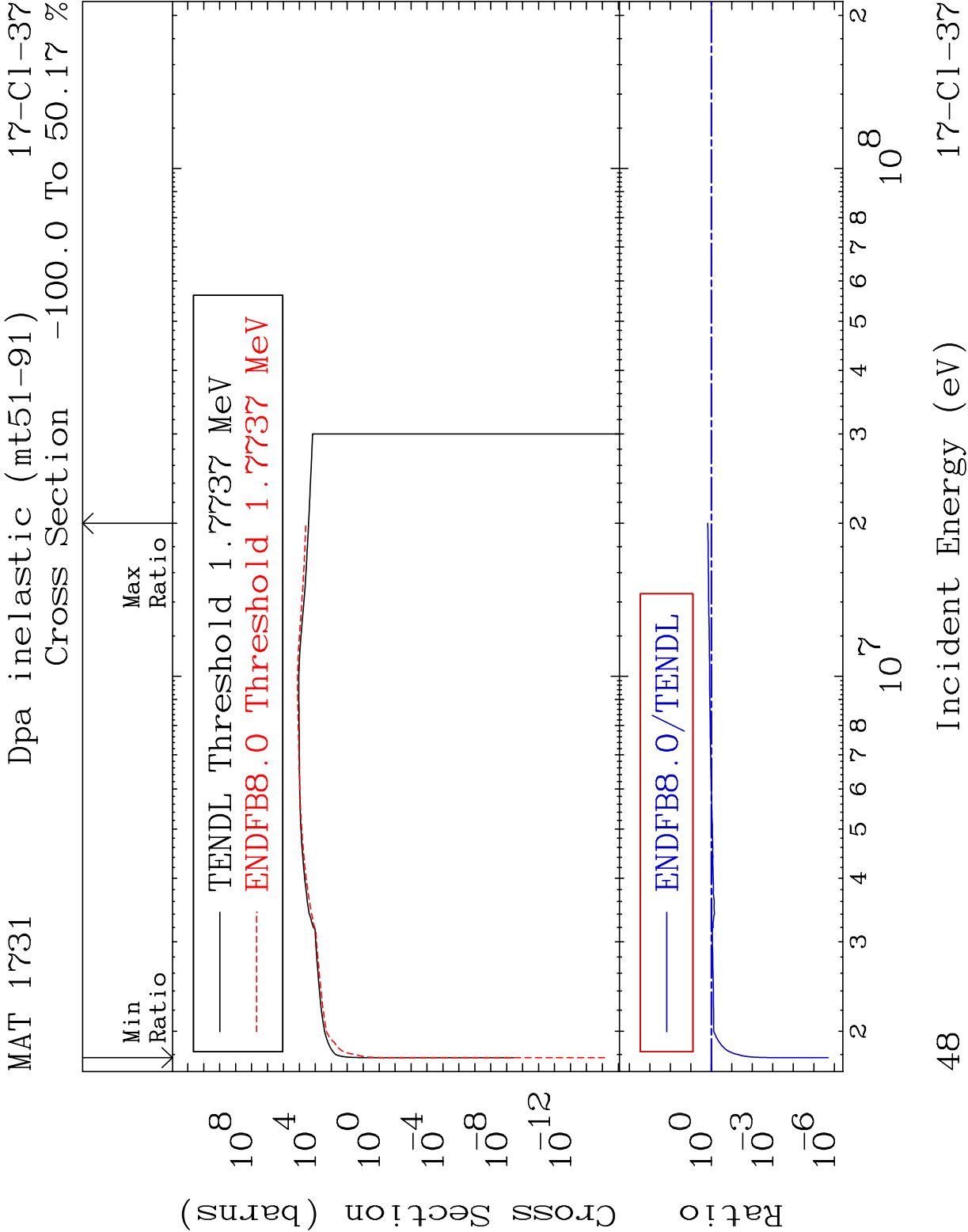


Ratio

46      Incident Energy (eV)      17-Cl-37

|          |                   |                   |
|----------|-------------------|-------------------|
| MAT 1731 | Dpa elastic (mt2) | 17-Cl-37          |
|          | Cross Section     | -42.10 To 122.4 % |





MAT 1731    Dpa disappearance (mt102 -120)    17-Cl-37  
 Cross Section    -48.63 To 8106. %

