

Program Complot  
(Version 2021-1)

by

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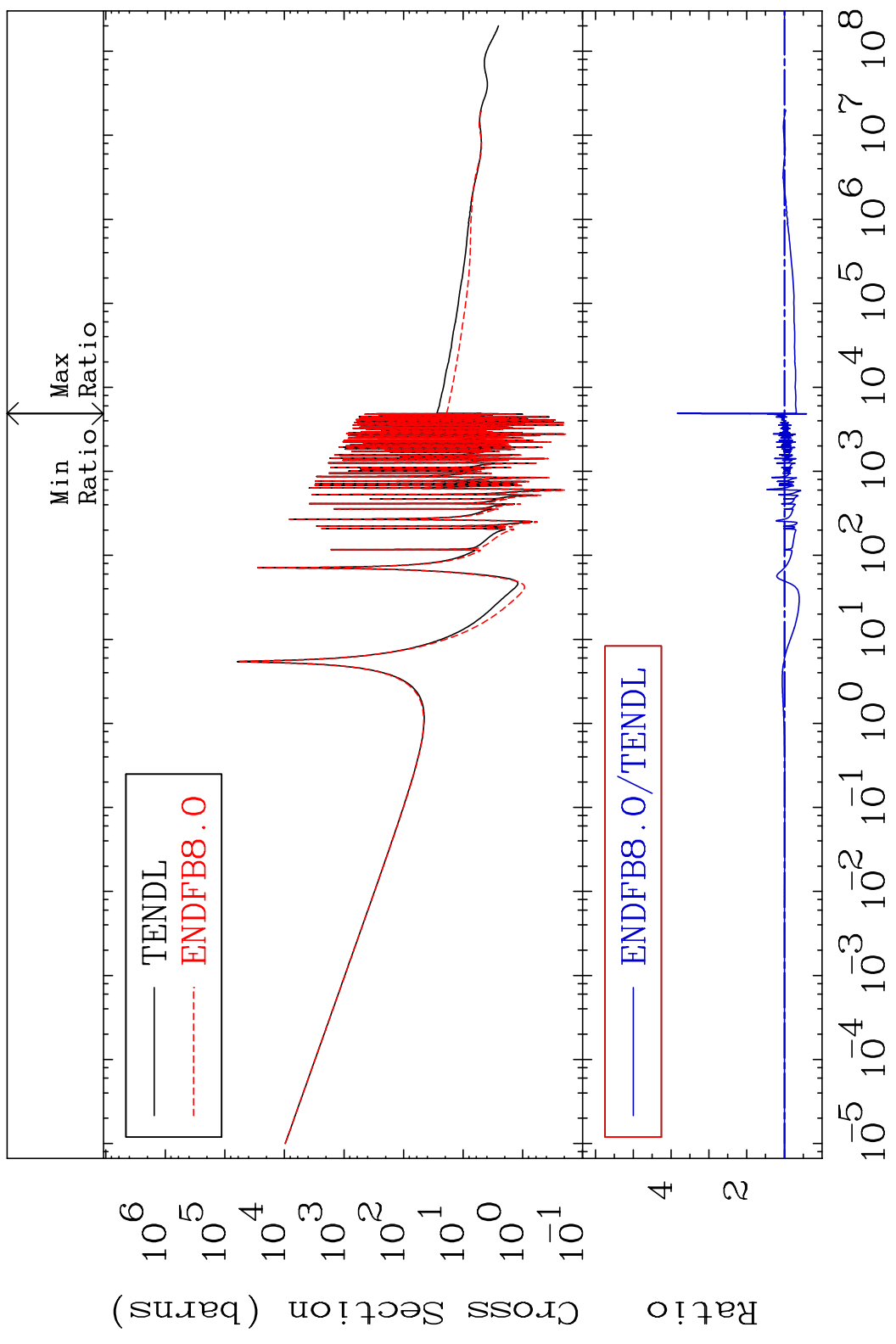
Press Mouse Button to Start

MAT 6643

Total

66-Dy-162

Cross Section -58.01 To 283.8 %



1

Incident Energy (eV)

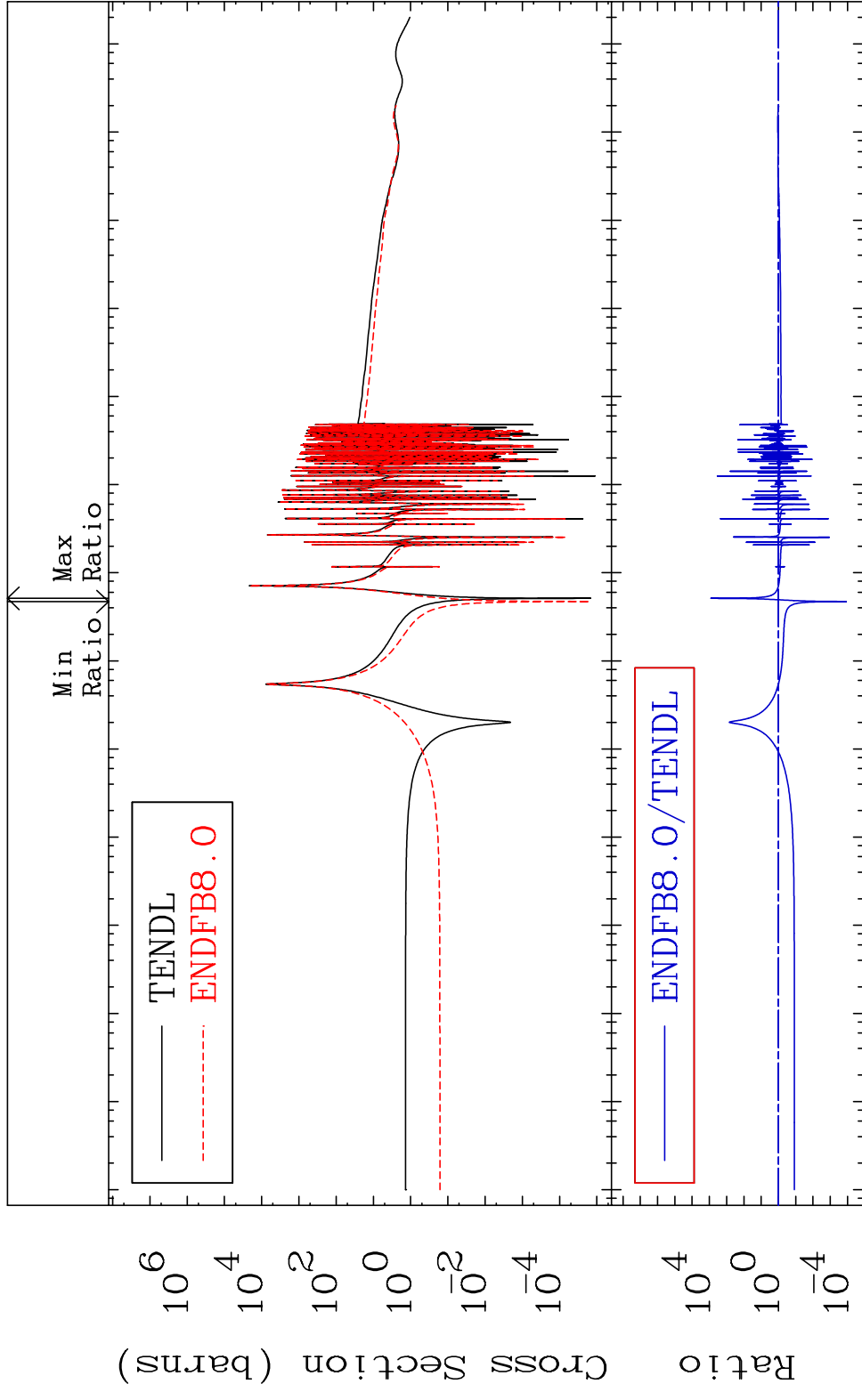
66-Dy-162

MAT 6643

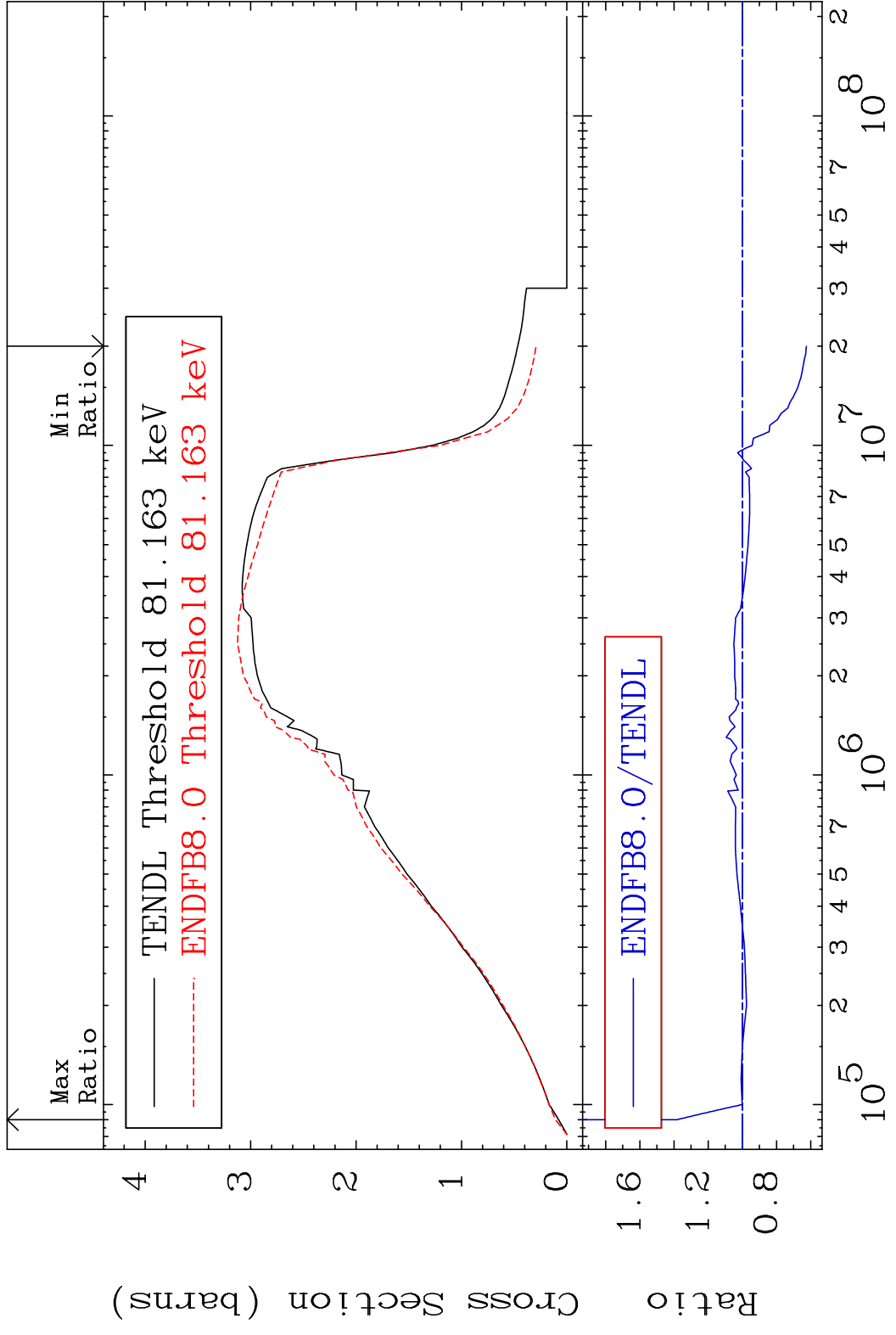
Elastic

66-Dy-162

Cross Section -99.99 To 9999. %

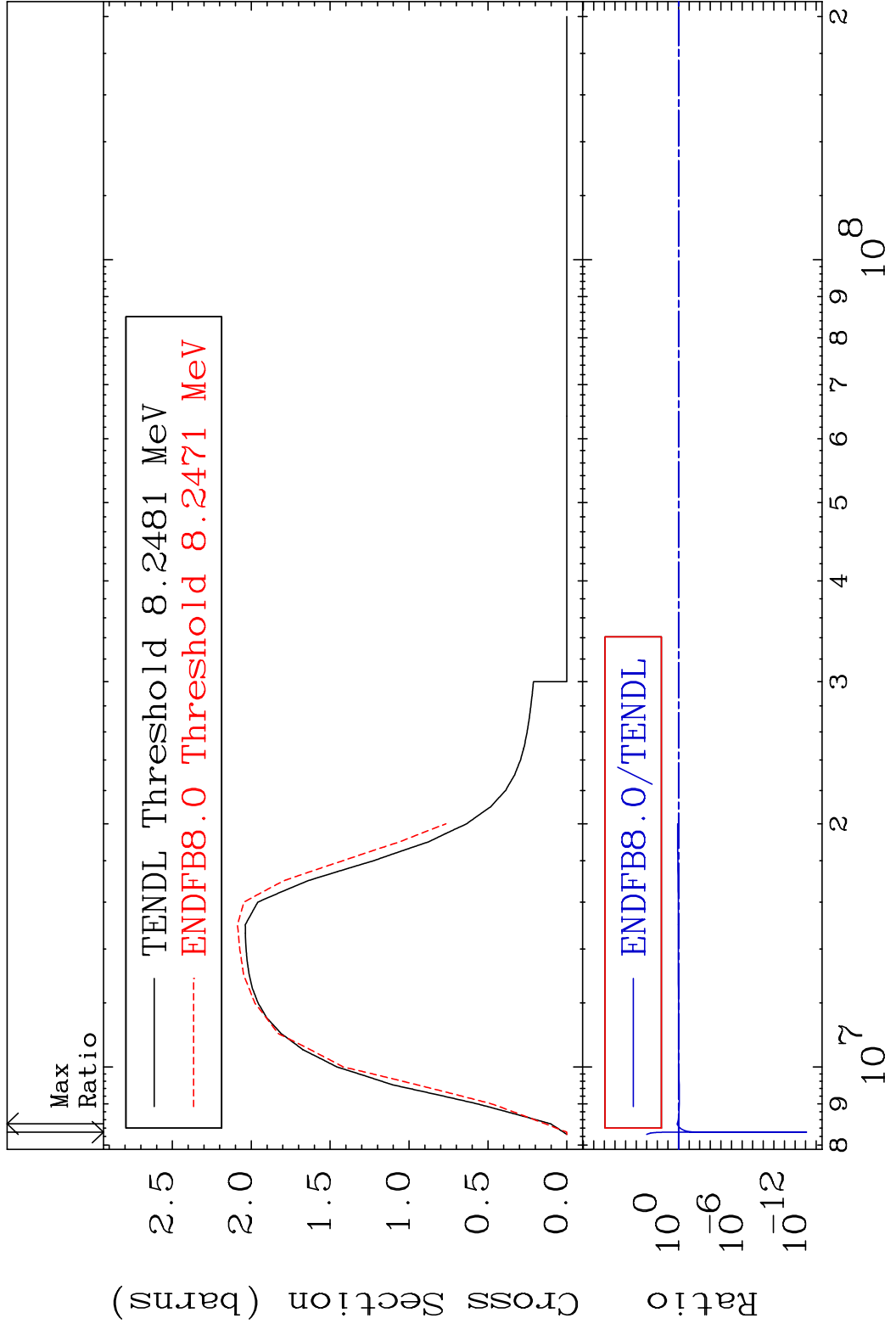


MAT 6643 Inelastic 66-Dy-162  
 Cross Section -37.47 To 38.12 %



3 66-Dy-162

MAT 6643 (n,2n) 66-Dy-162  
 Cross Section -100.0 To 33.50 %



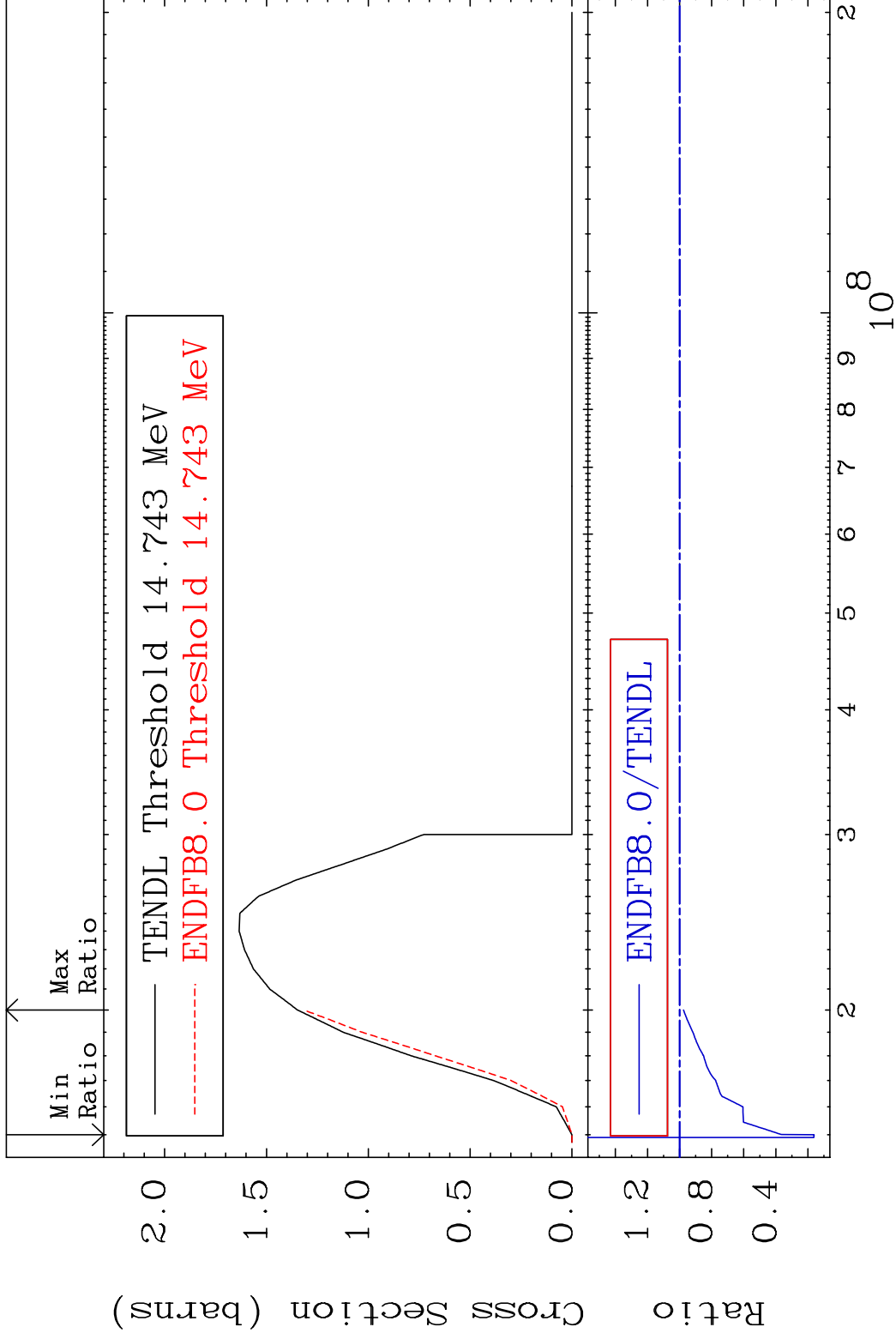
4 Incident Energy (eV) 66-Dy-162

MAT 6643

(n,3n)

66-Dy-162

Cross Section -83.82 To -2.413%



5

Incident Energy (eV)

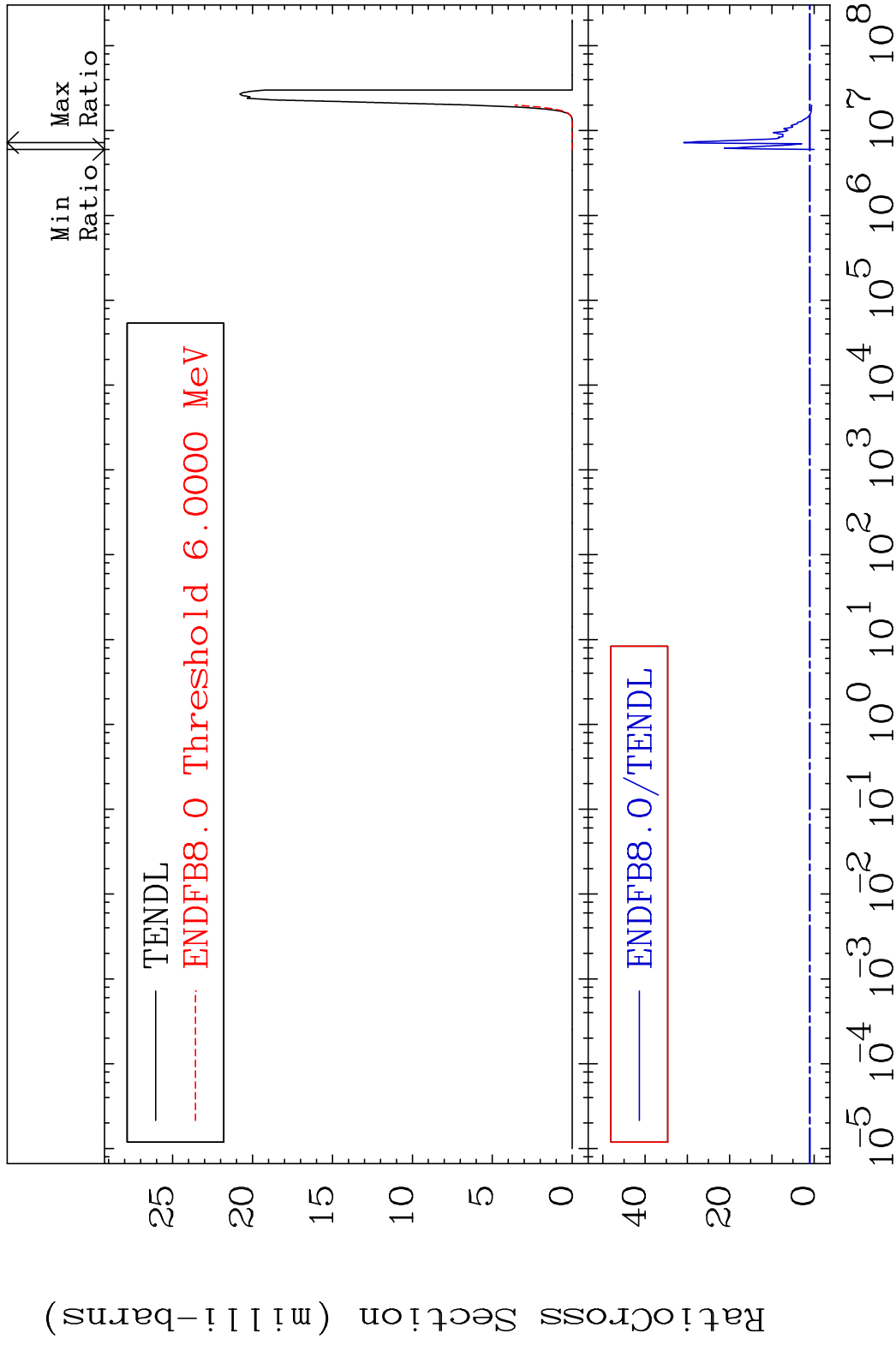
66-Dy-162

MAT 6643

(n, n')  $\alpha$

66-Dy-162

Cross Section -100.0 To 2987. %



6

Incident Energy (eV)

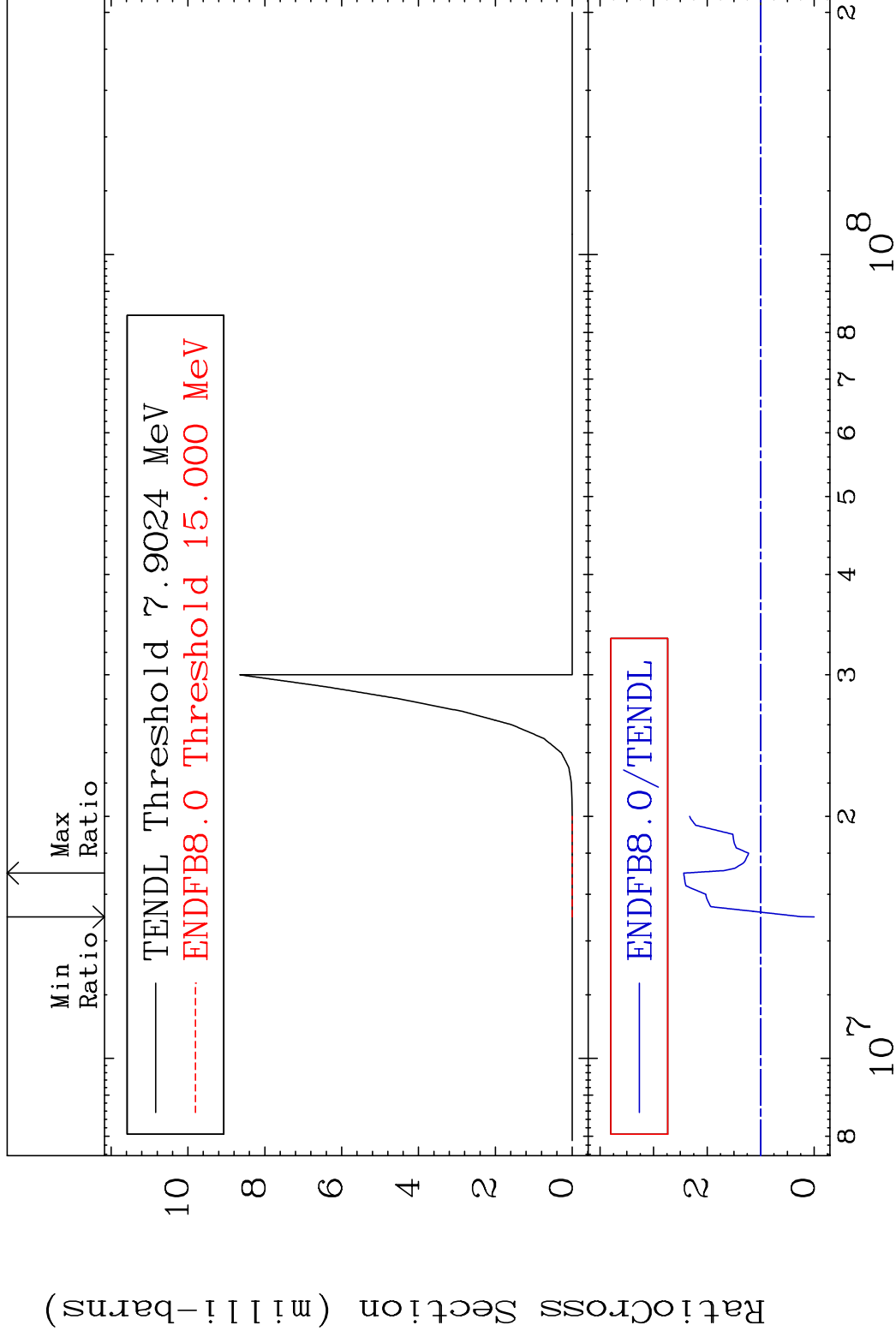
66-Dy-162

MAT 6643

(n,2n)  $\alpha$

66-Dy-162

Cross Section -100.0 To 143.9 %



7

Incident Energy (eV)

66-Dy-162

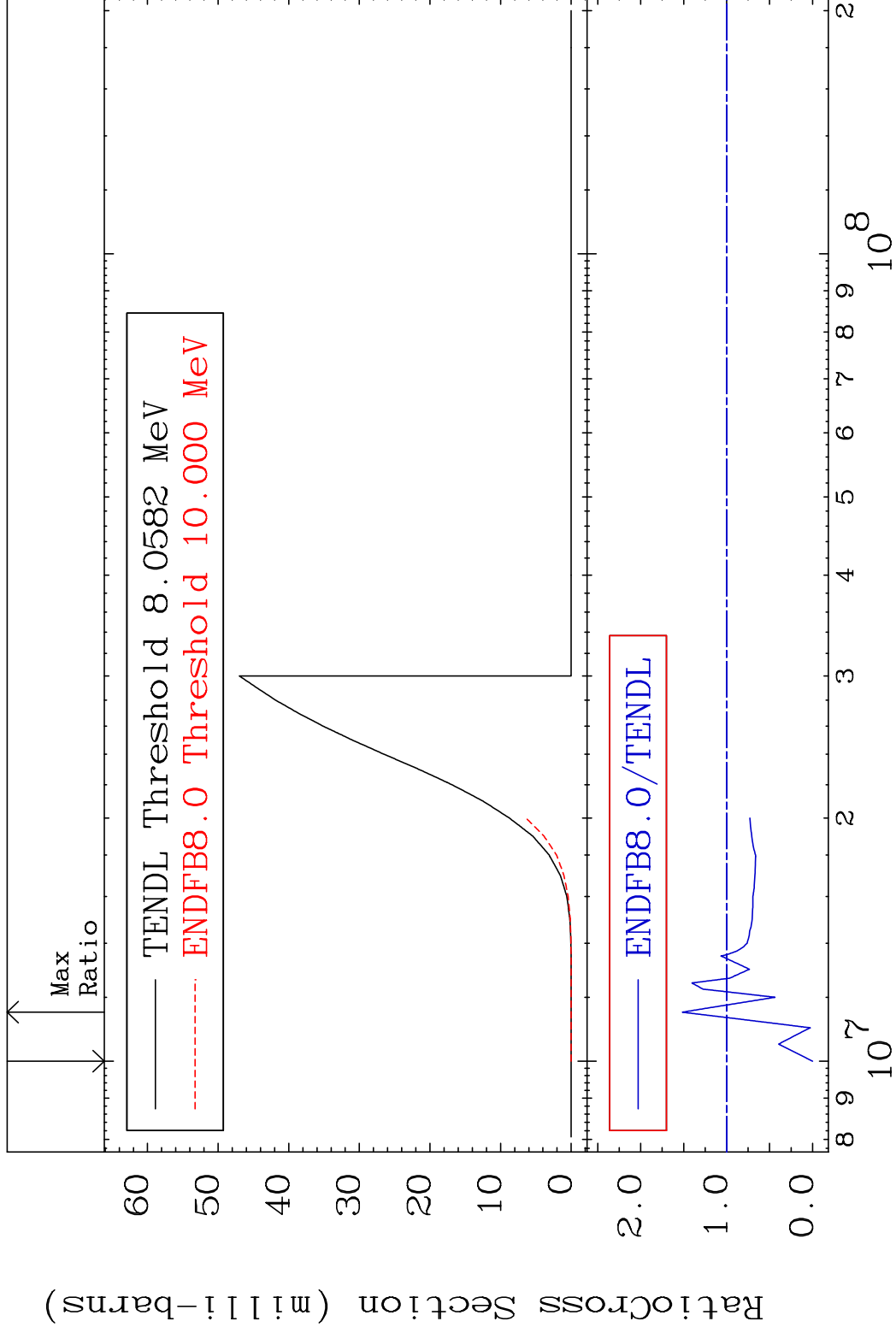


MAT 6643

(n, n') p

66-Dy-162

Cross Section -100.0 To 51.54 %



8

Incident Energy (eV)

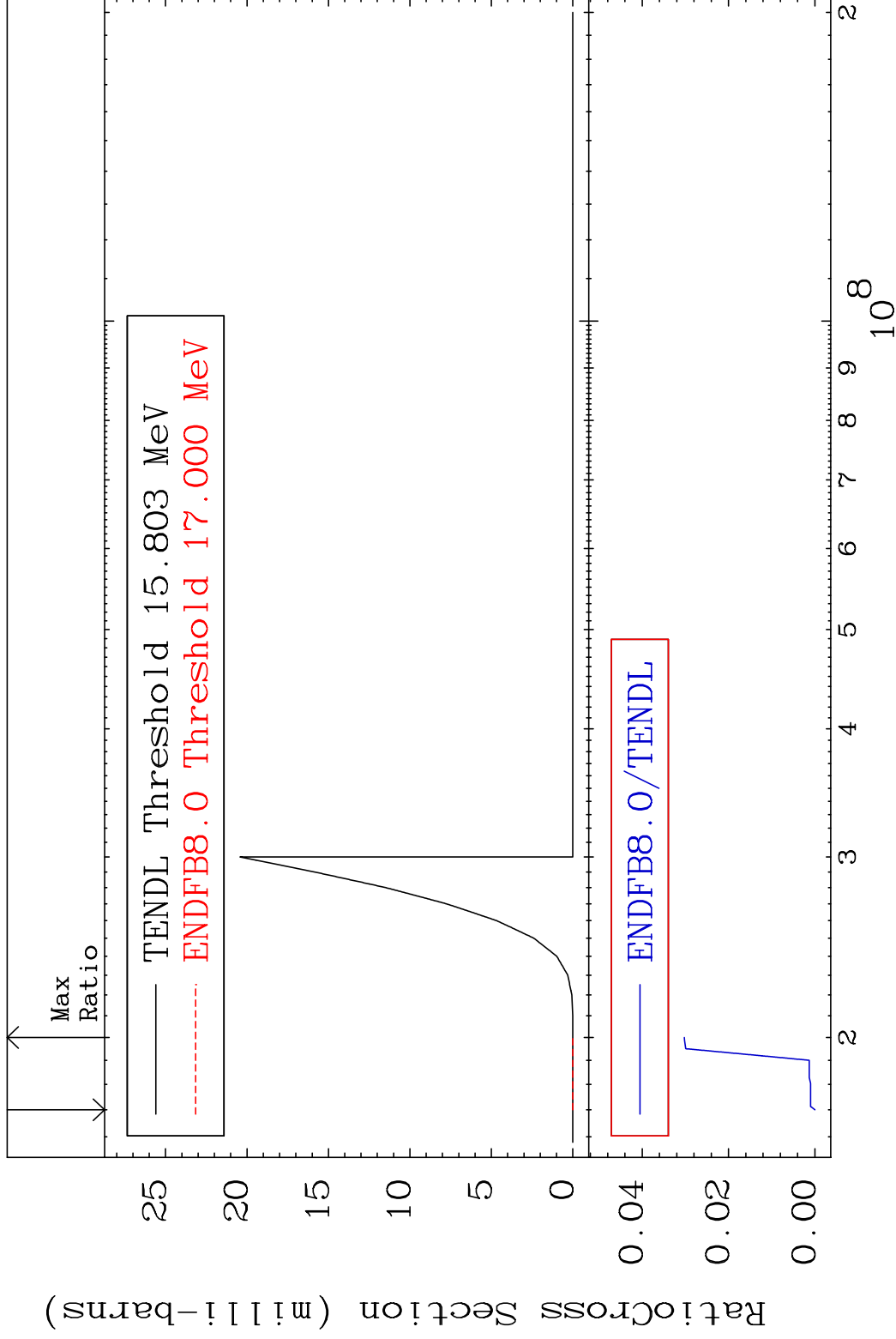
66-Dy-162

MAT 6643

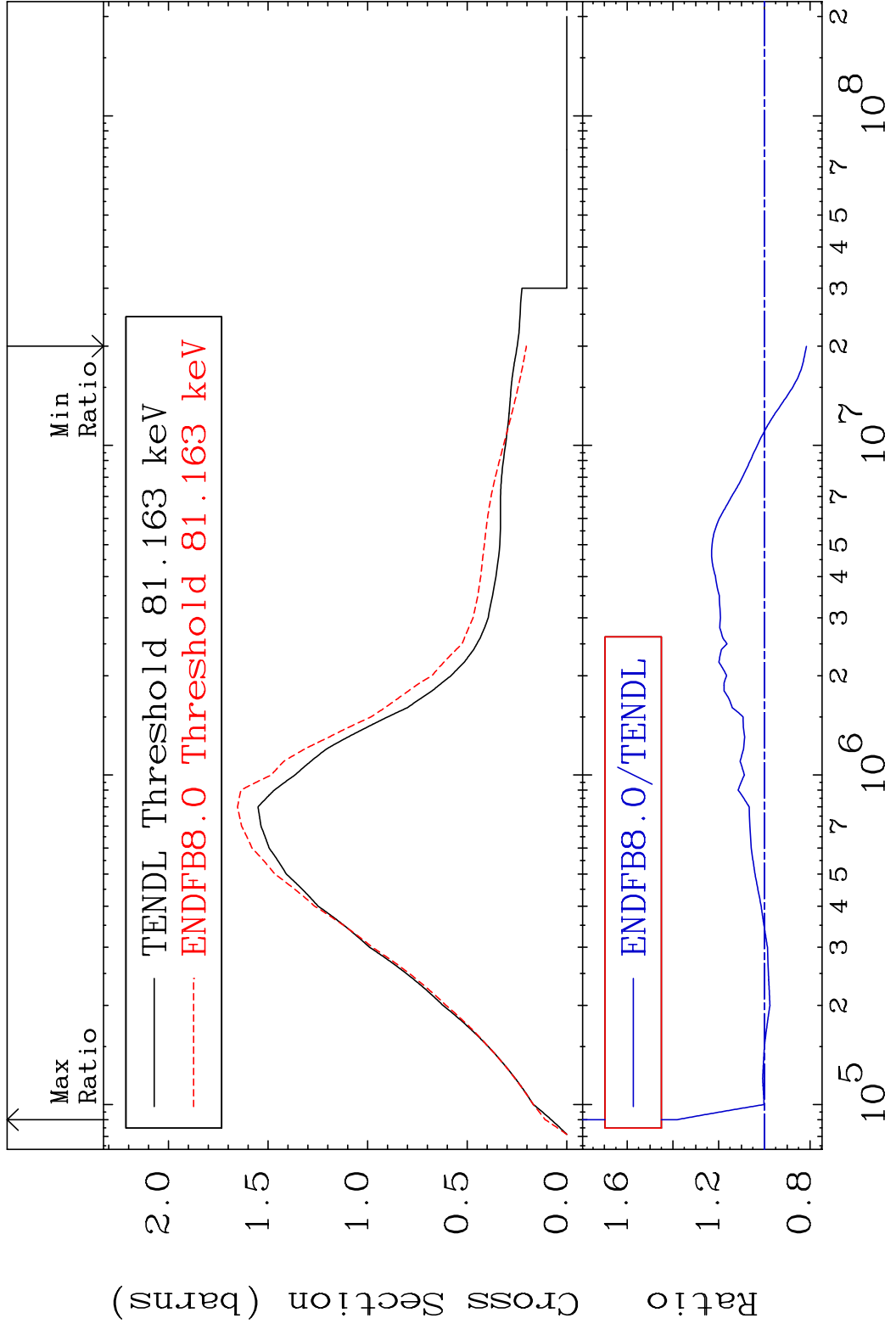
(n,2n) p

66-Dy-162

Cross Section -100.0 To -96.98%

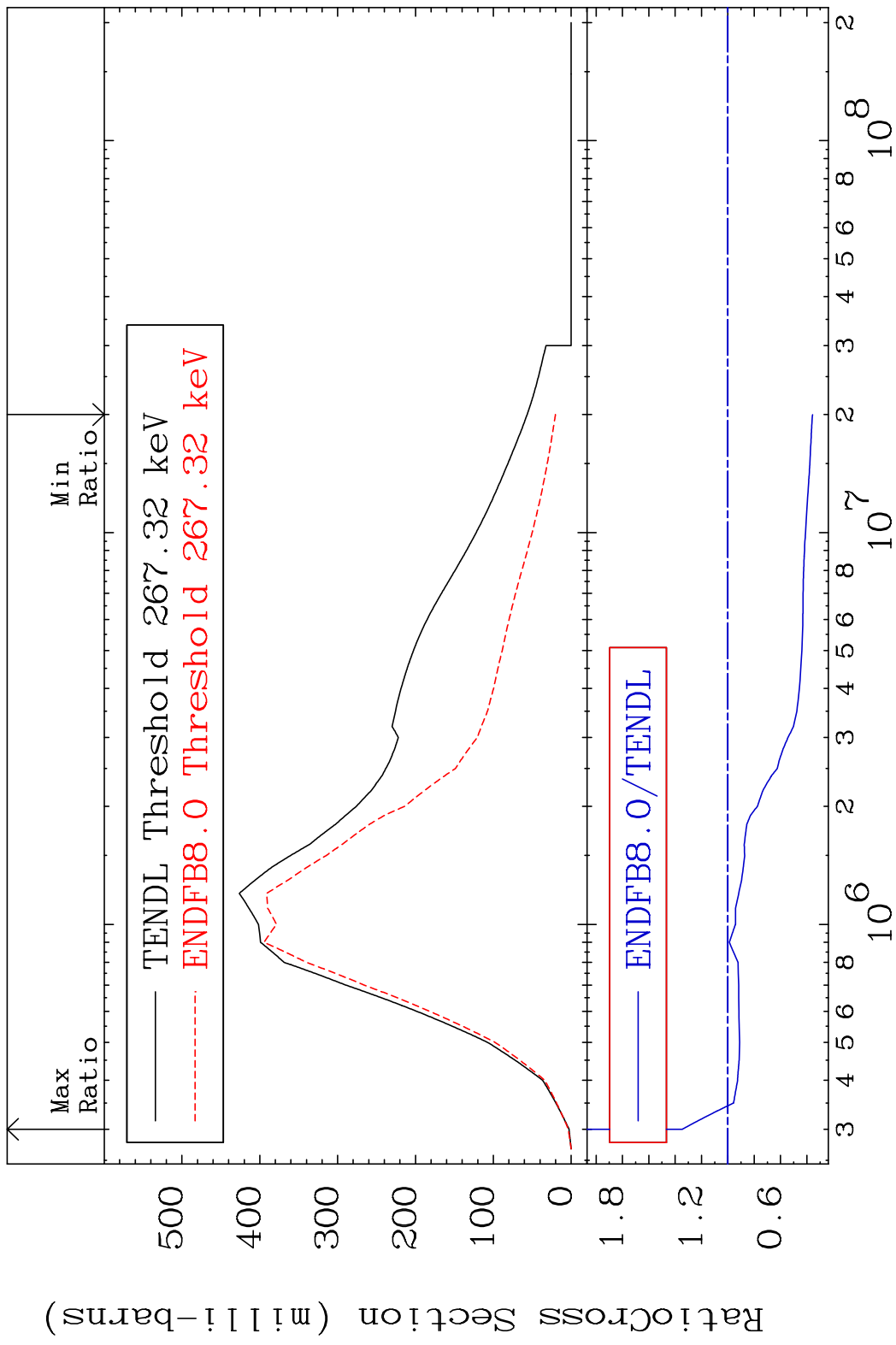


MAT 6643 MT= 51 (n, n') Level 66-Dy-162  
 Cross Section -18.44 To 38.12 %

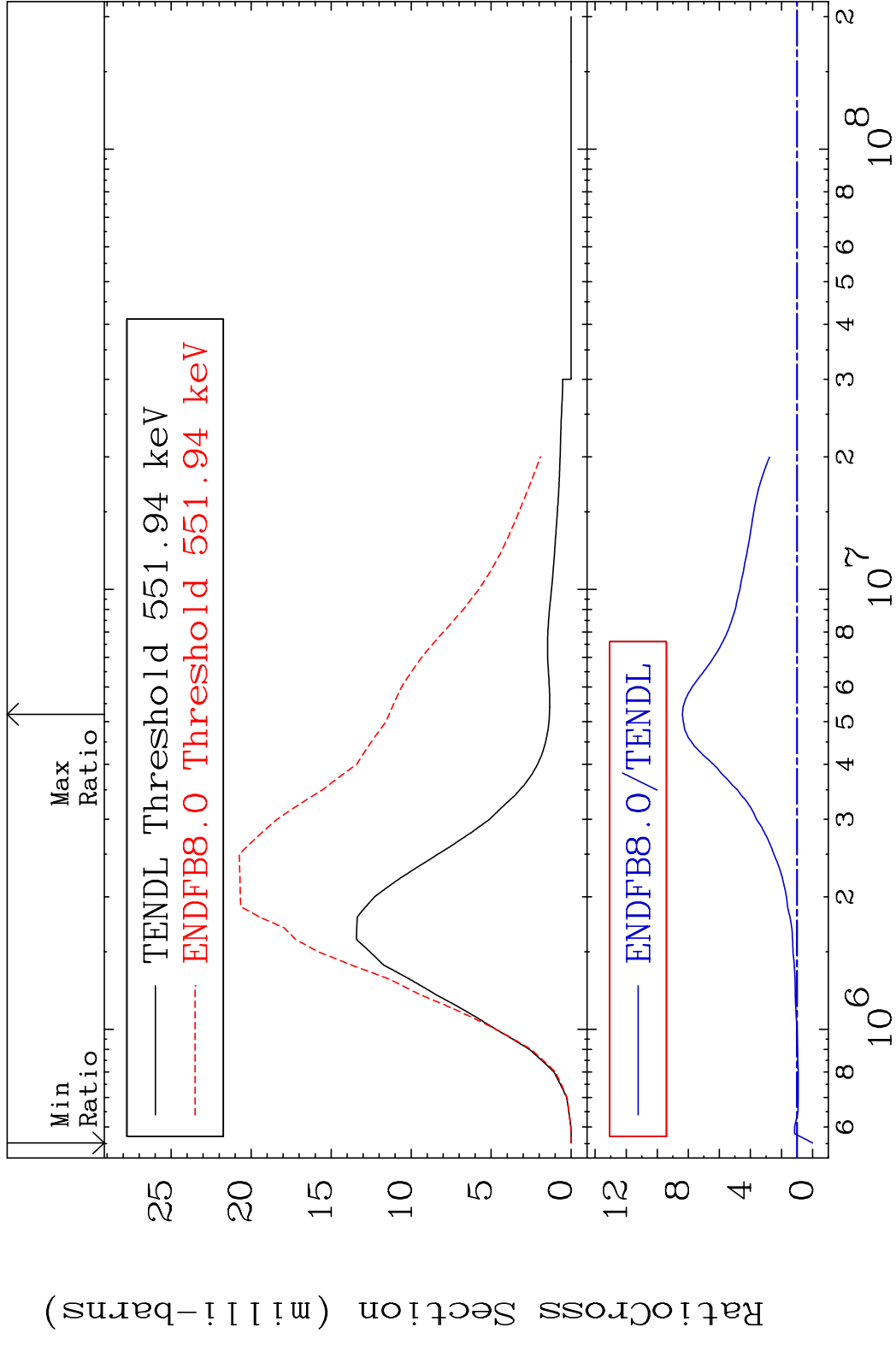


10 2 3 4 5 7 2 3 4 5 7 2 3 4 5 7 8 2 66-Dy-162

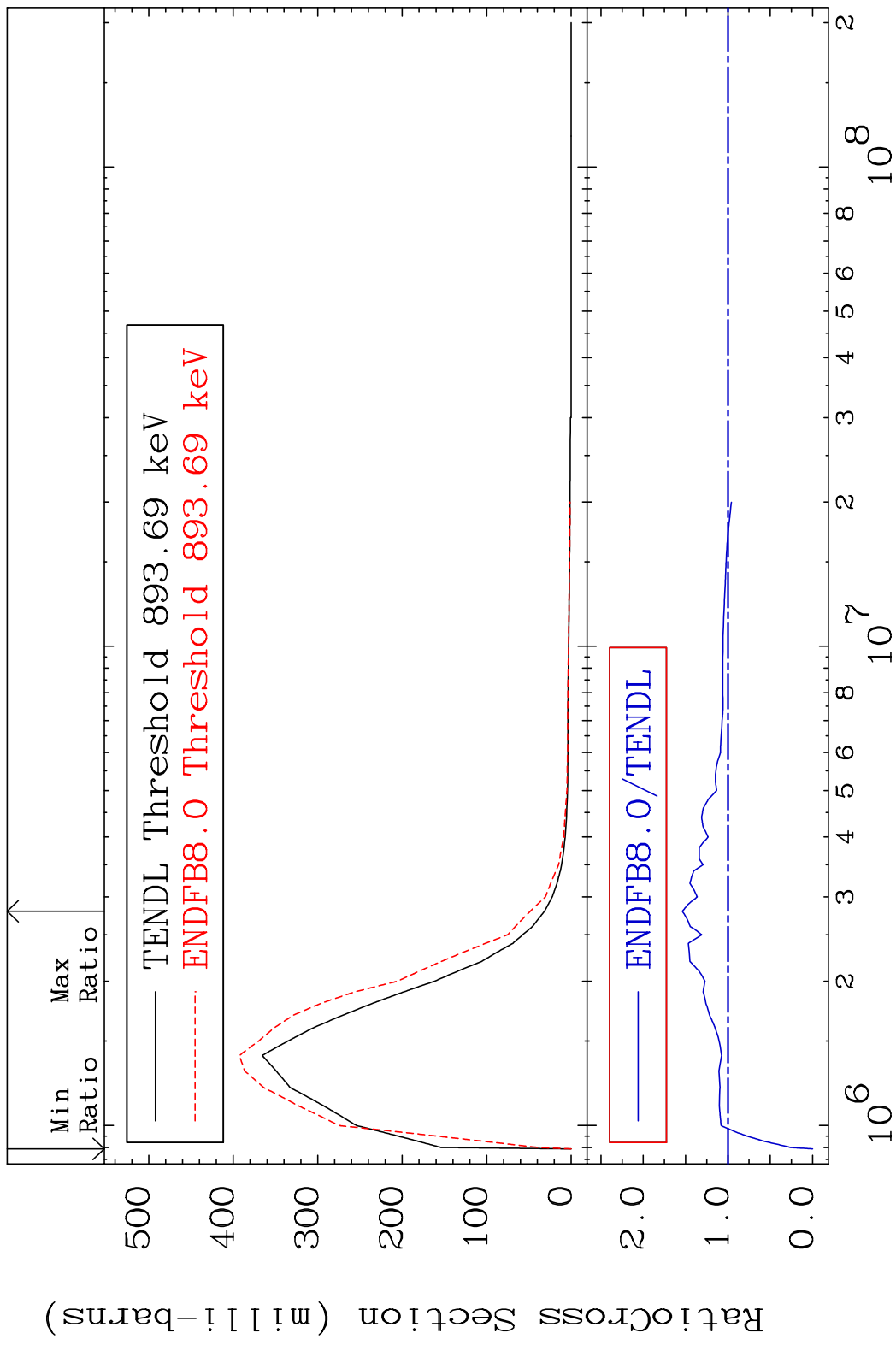
MAT 6643 MT= 52 (n, n') Level 66-Dy-162  
 Cross Section -64.29 To 34.52 %



MAT 6643 MT= 53 (n, n') Level 66-Dy-162  
 Cross Section -100.0 To 738.5 %

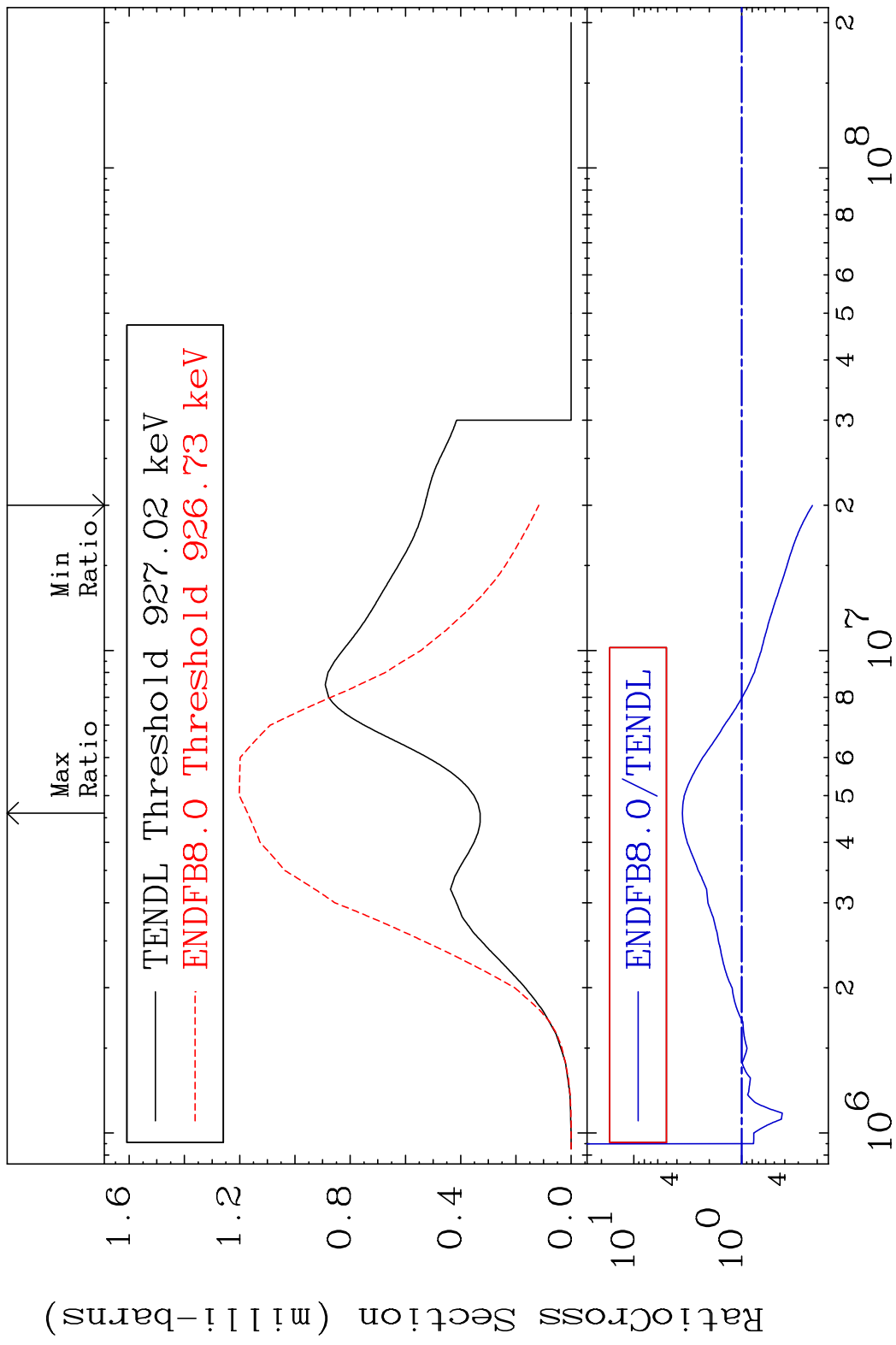


MAT 6643 MT= 54 (n, n') Level 66-Dy-162  
 Cross Section -100.0 To 53.82 %



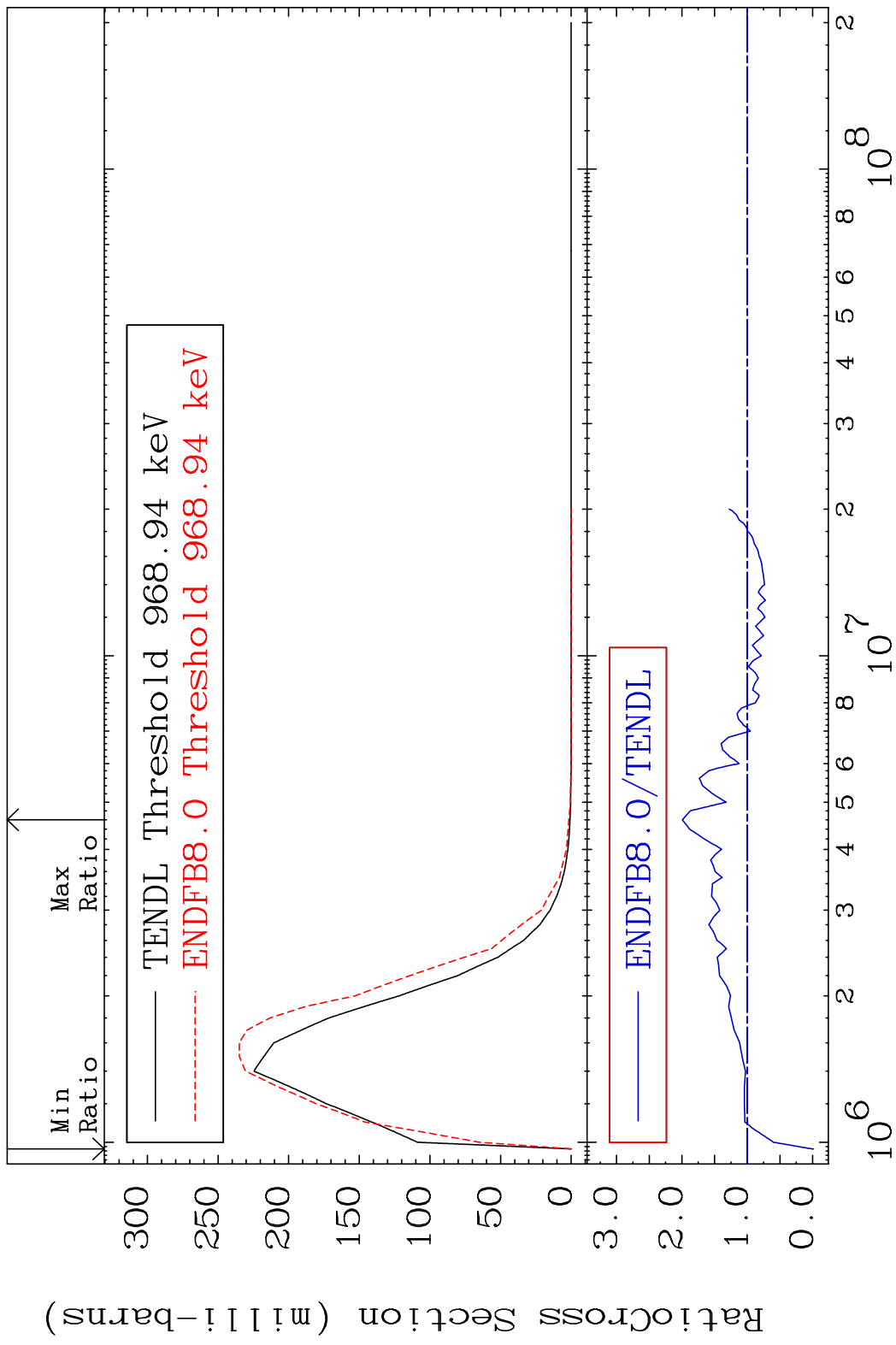
13 Incident Energy (eV) 66-Dy-162

MAT 6643 MT= 55 (n, n') Level 66-Dy-162  
 Cross Section -77.93 To 255.6 %



14 Incident Energy (eV) 66-Dy-162

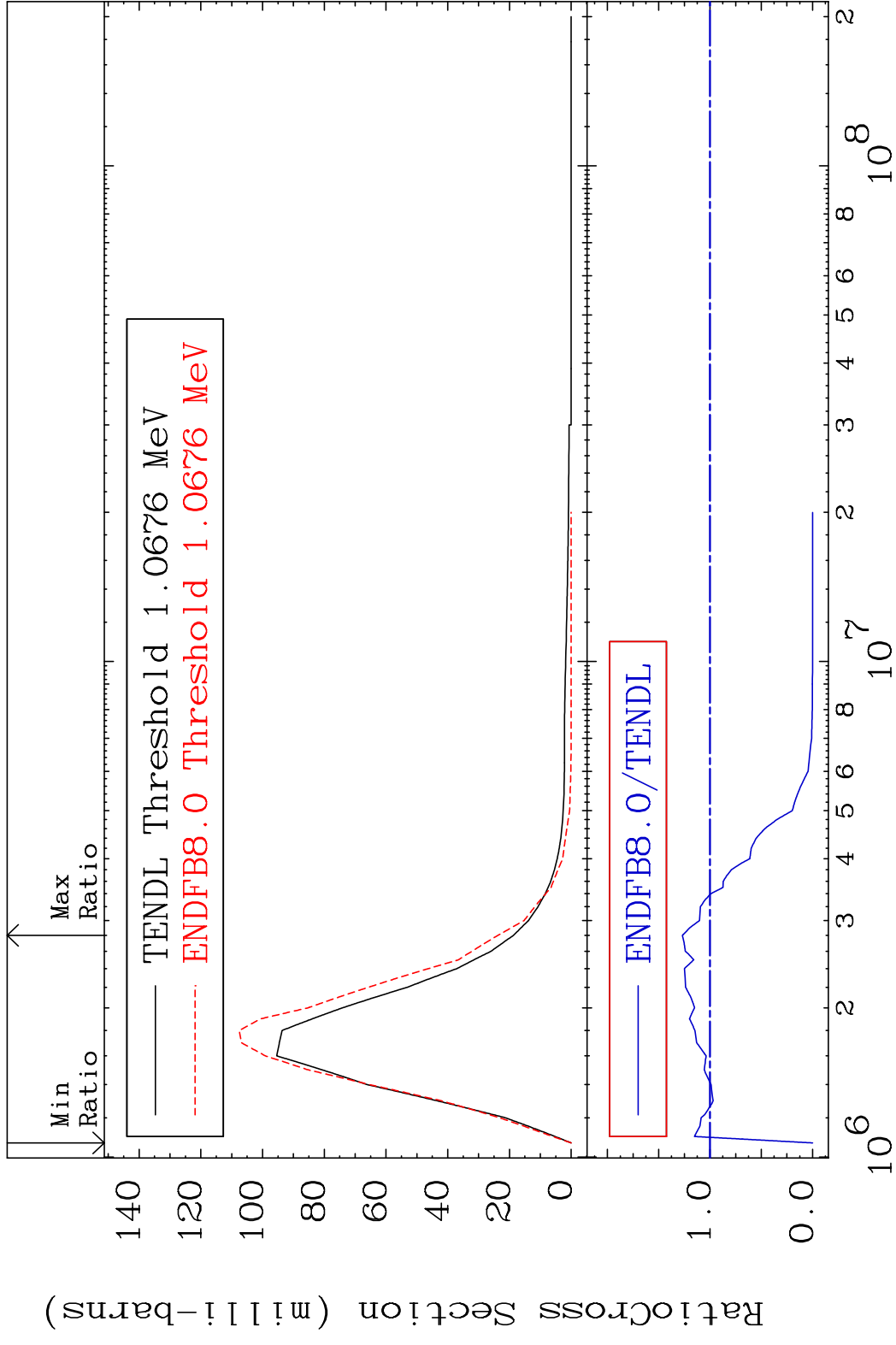
MAT 6643 MT= 56 (n, n') Level 66-Dy-162  
 Cross Section -100.0 To 99.29 %



15 Incident Energy (eV) 66-Dy-162

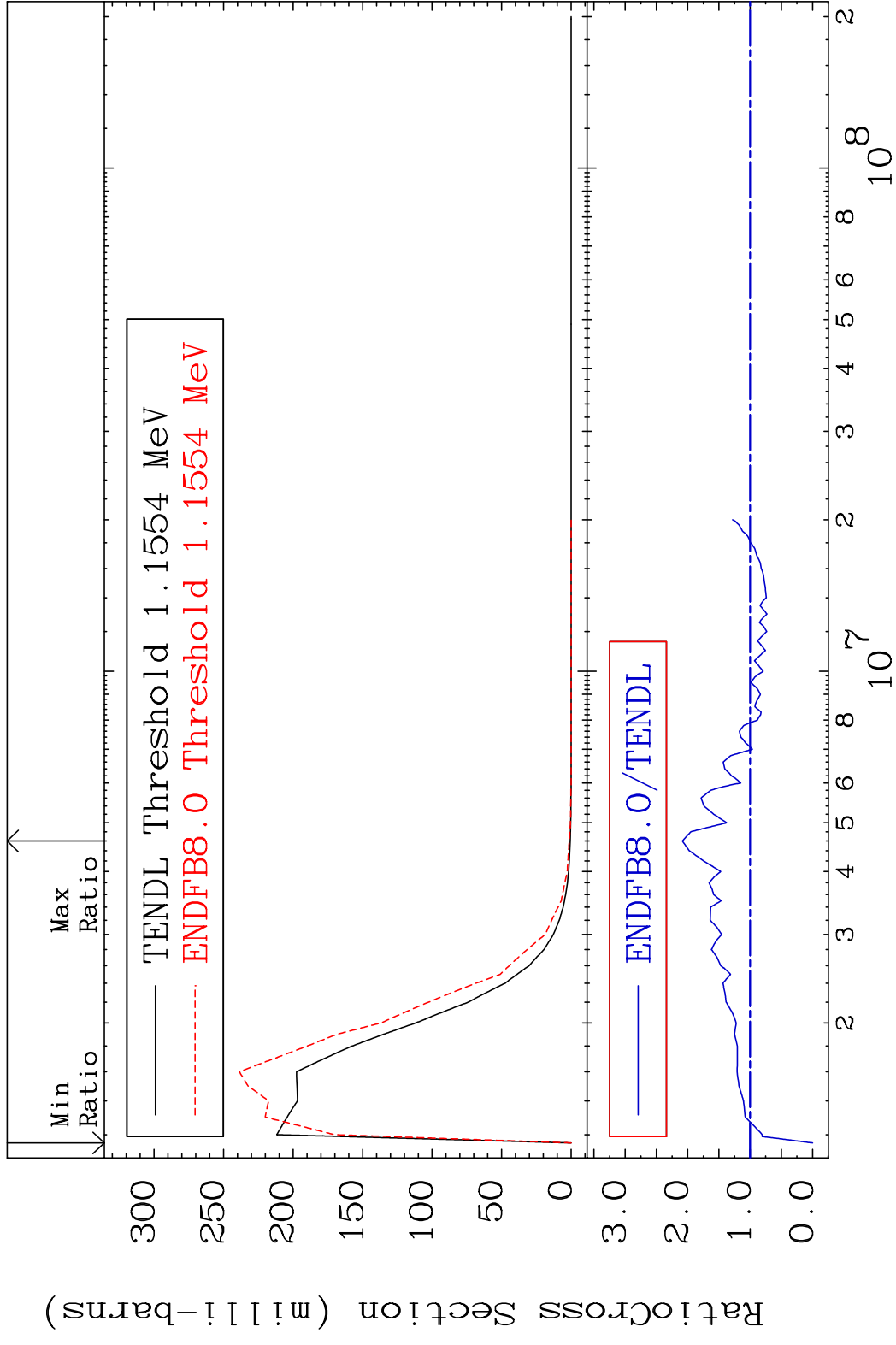


MAT 6643 MT= 57 (n, n') Level 66-Dy-162  
 Cross Section -100.0 To 26.97 %

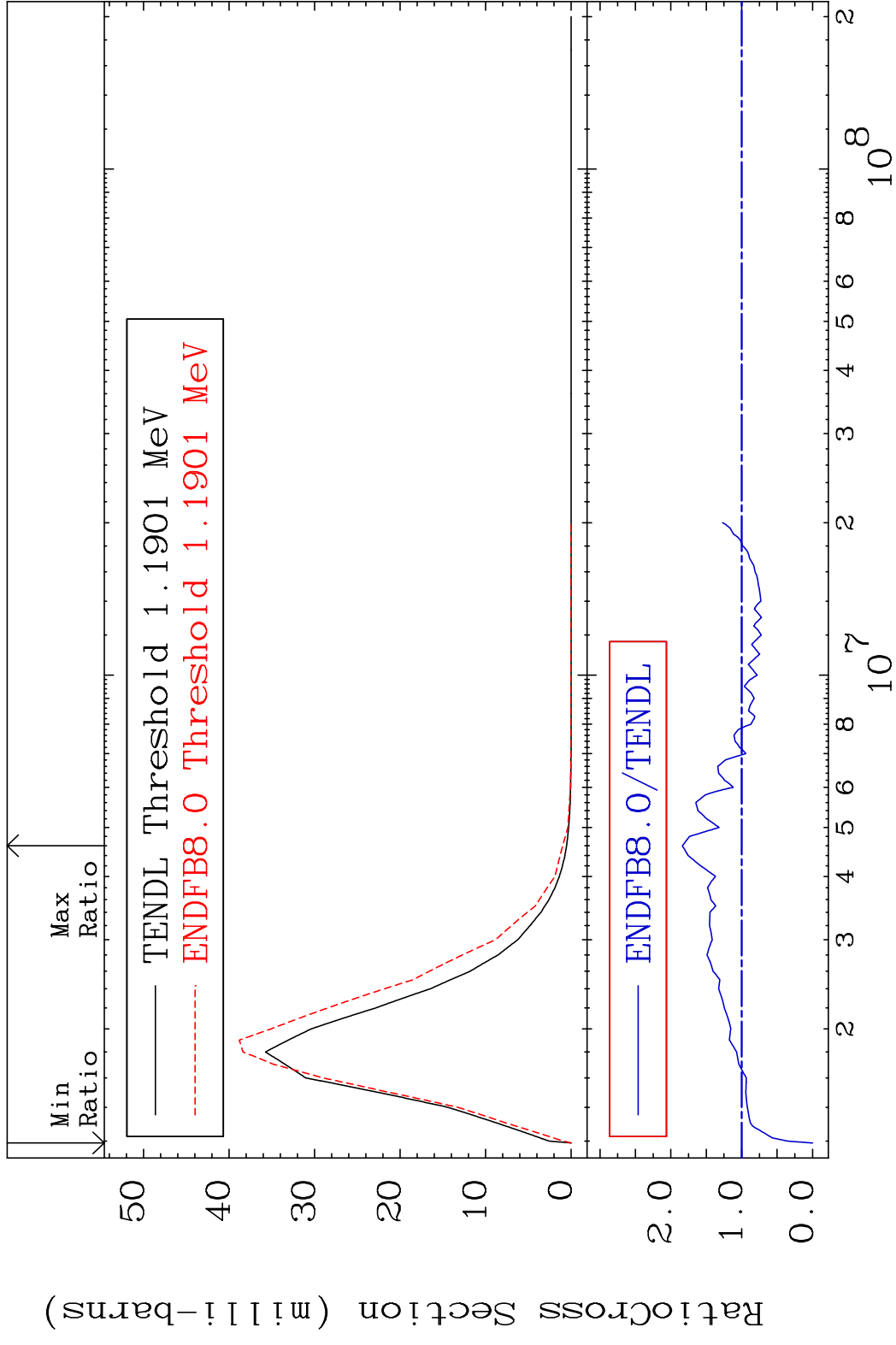


16 Incident Energy (eV) 66-Dy-162

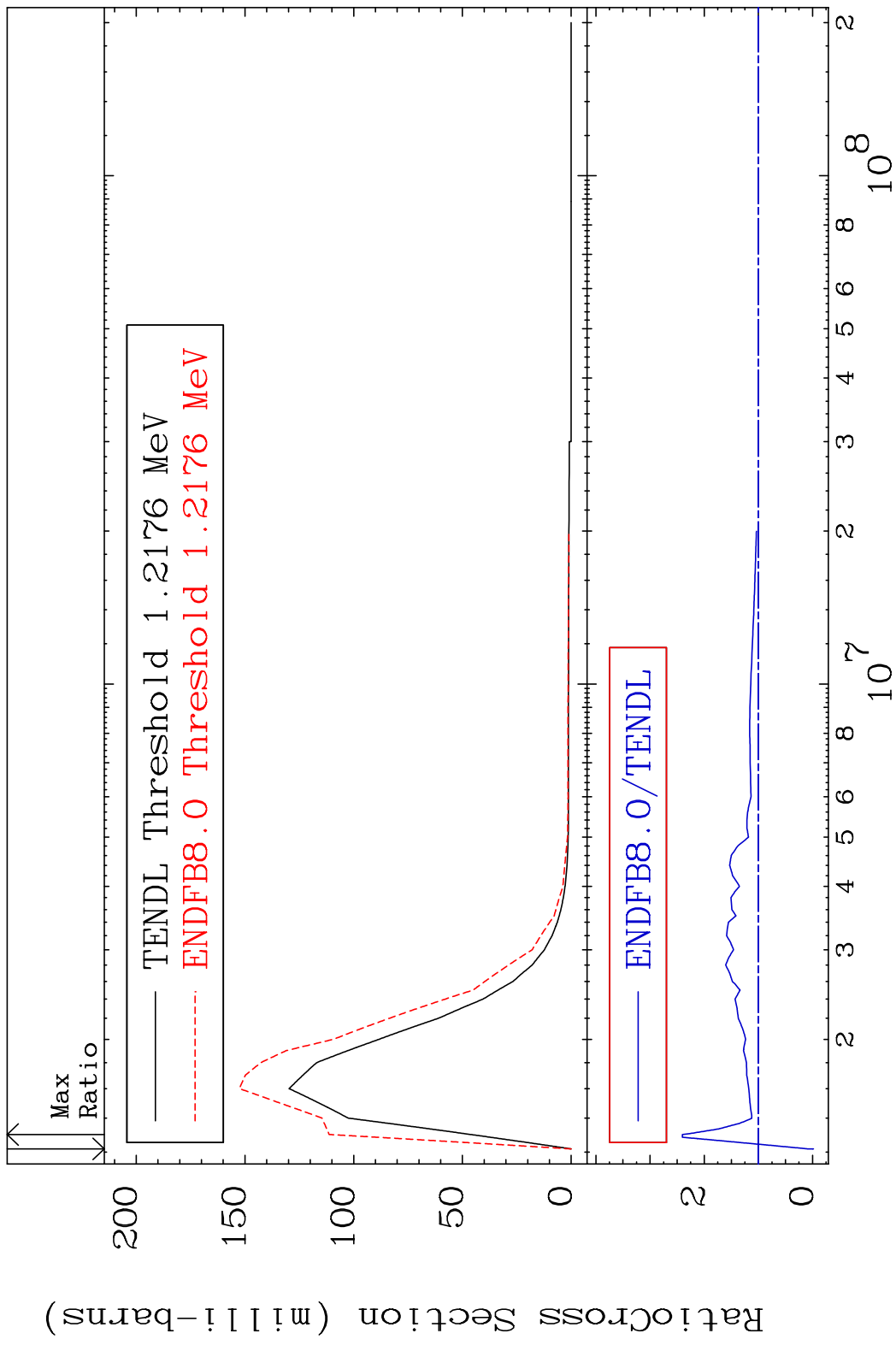
MAT 6643 MT= 58 (n, n') Level 66-Dy-162  
 Cross Section -100.0 To 108.5 %



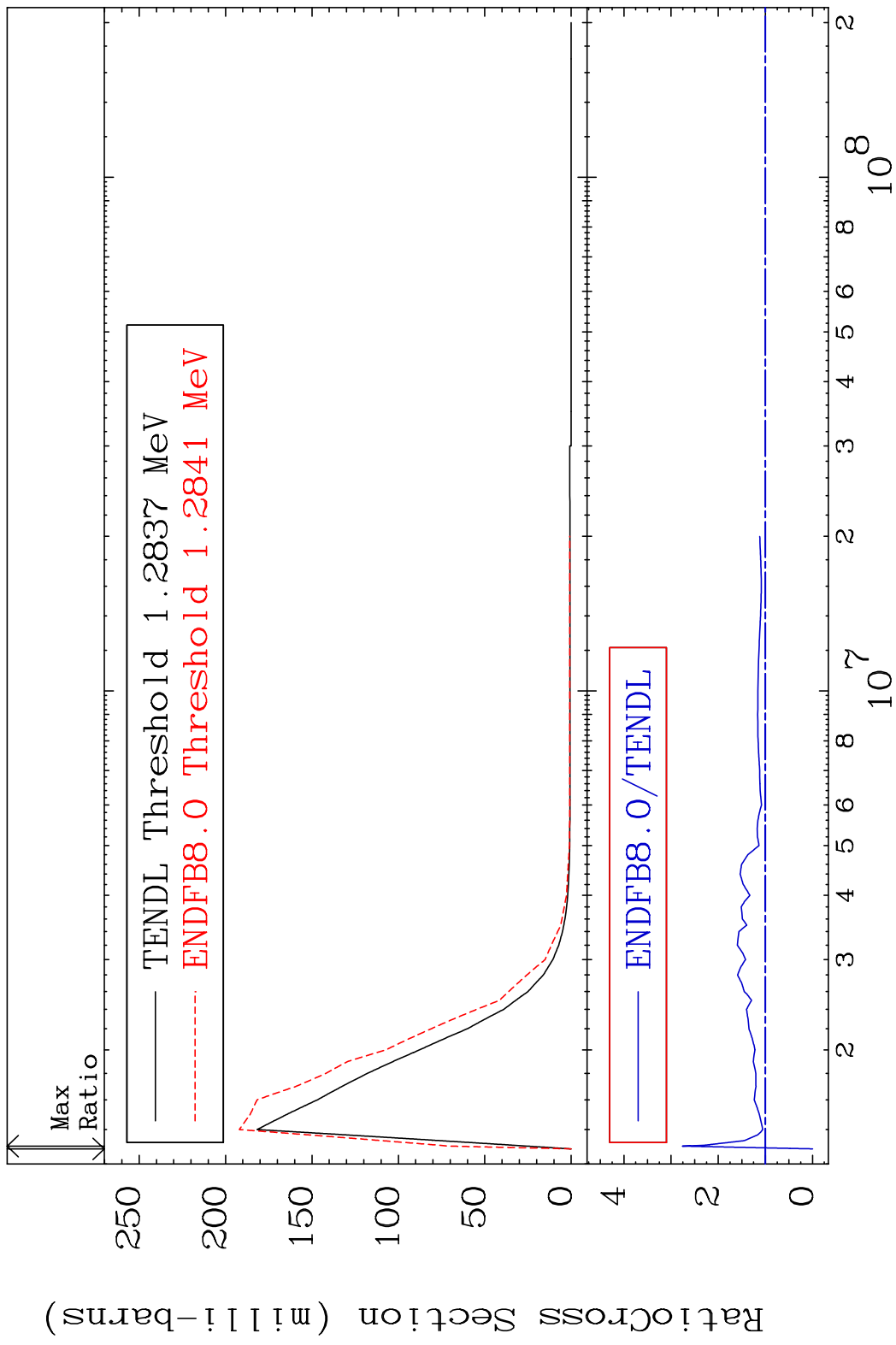
MAT 6643 MT= 59 (n, n') Level 66-Dy-162  
 Cross Section -100.0 To 83.78 %



MAT 6643 MT= 60 (n, n') Level 66-Dy-162  
 Cross Section -100.0 To 140.4 %

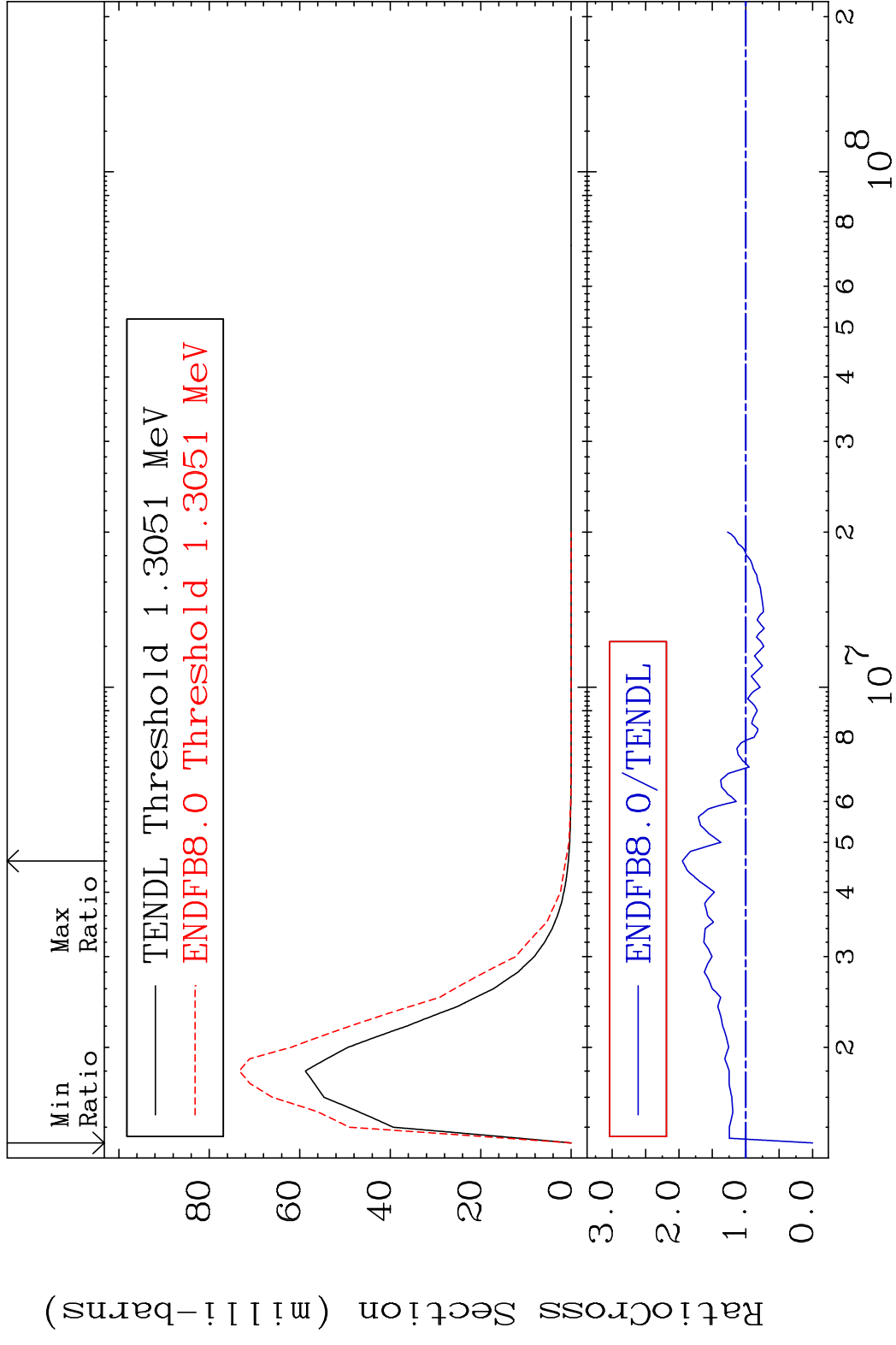


MAT 6643 MT= 61 (n, n') Level 66-Dy-162  
 Cross Section -100.0 To 176.1 %

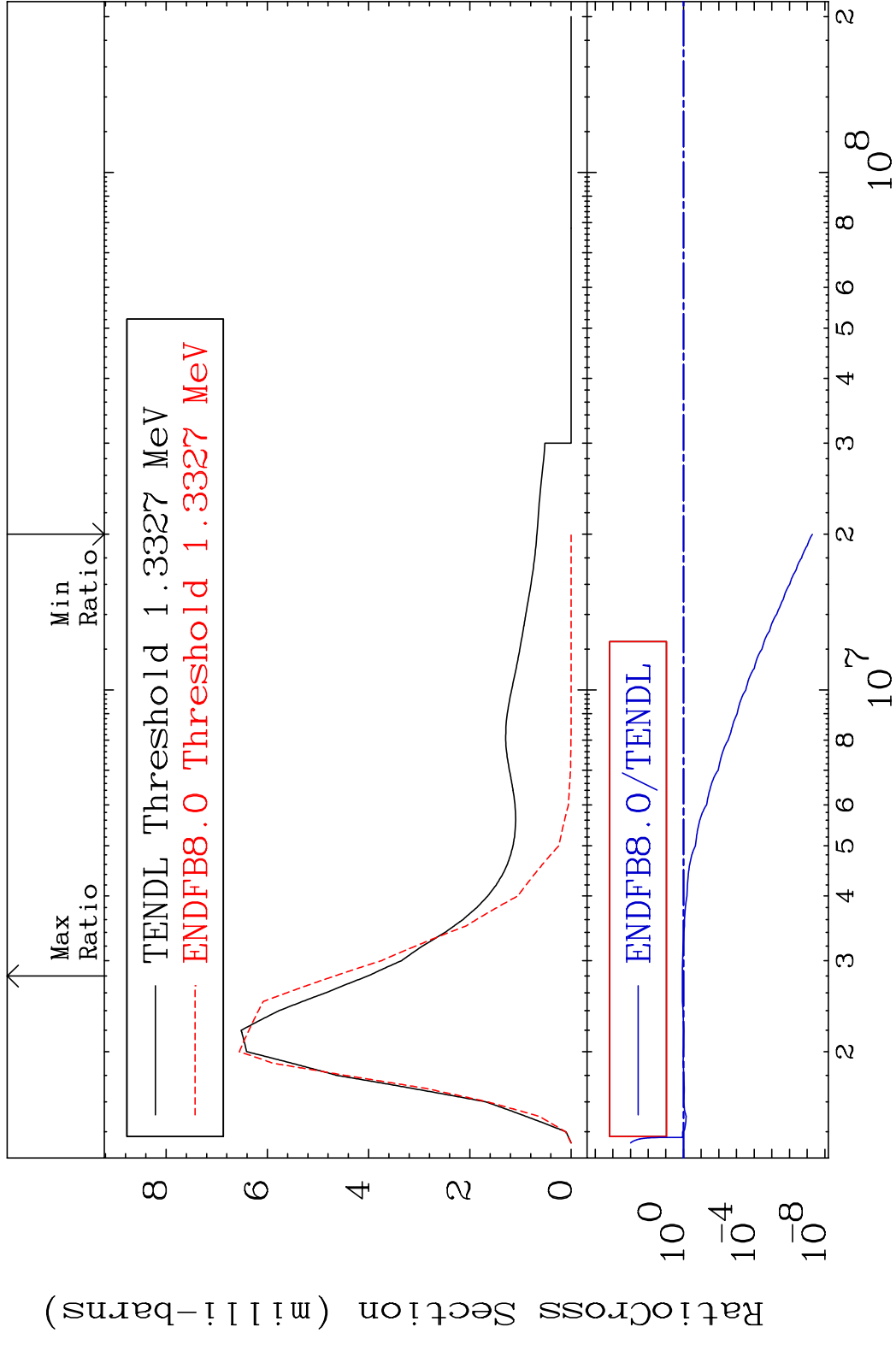


20 Incident Energy (eV) 66-Dy-162

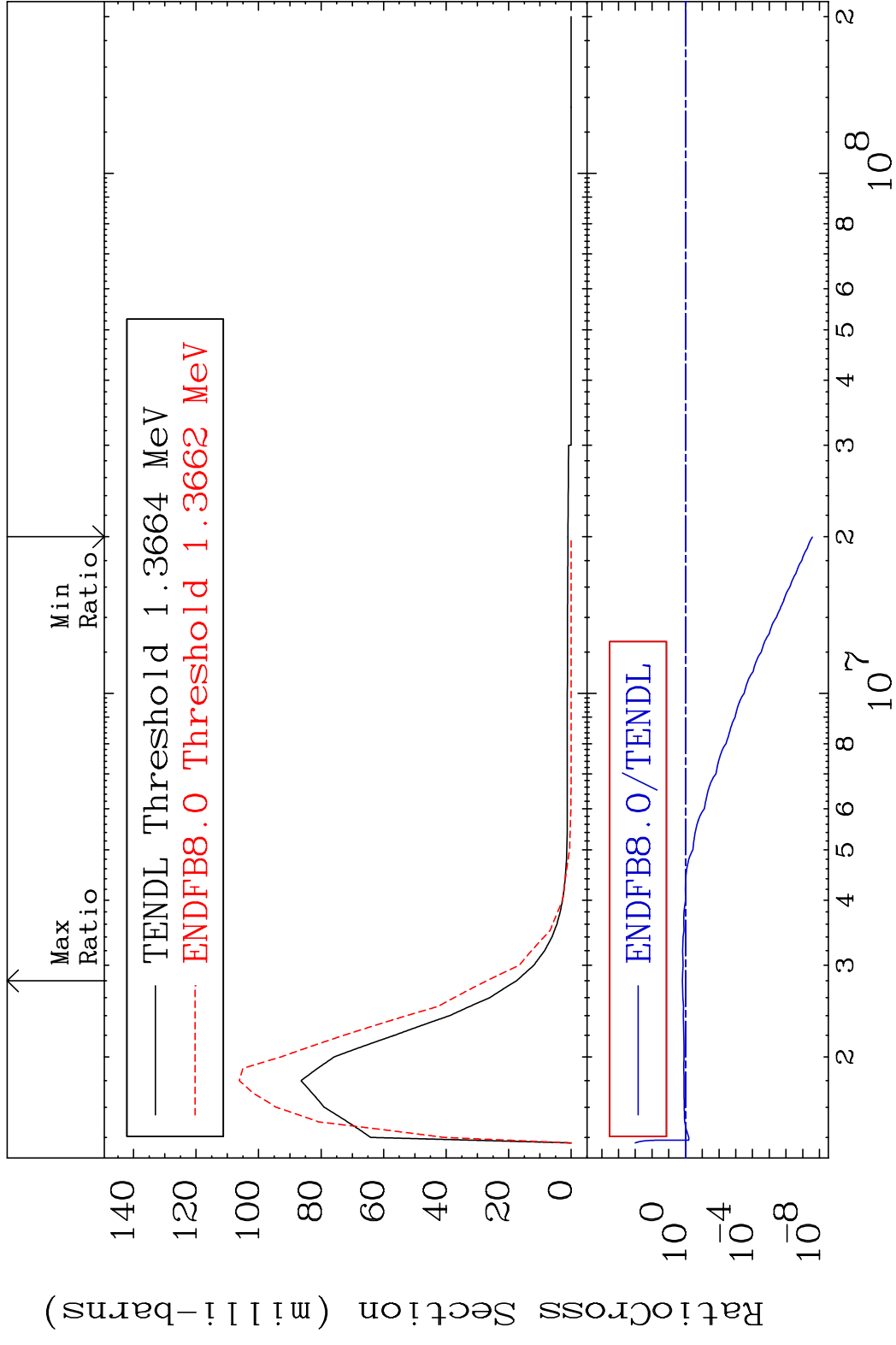
MAT 6643 MT= 62 (n, n') Level 66-Dy-162  
 Cross Section -100.0 To 94.95 %



MAT 6643 MT= 63 (n, n') Level 66-Dy-162  
 Cross Section -100.0 To 16.40 %

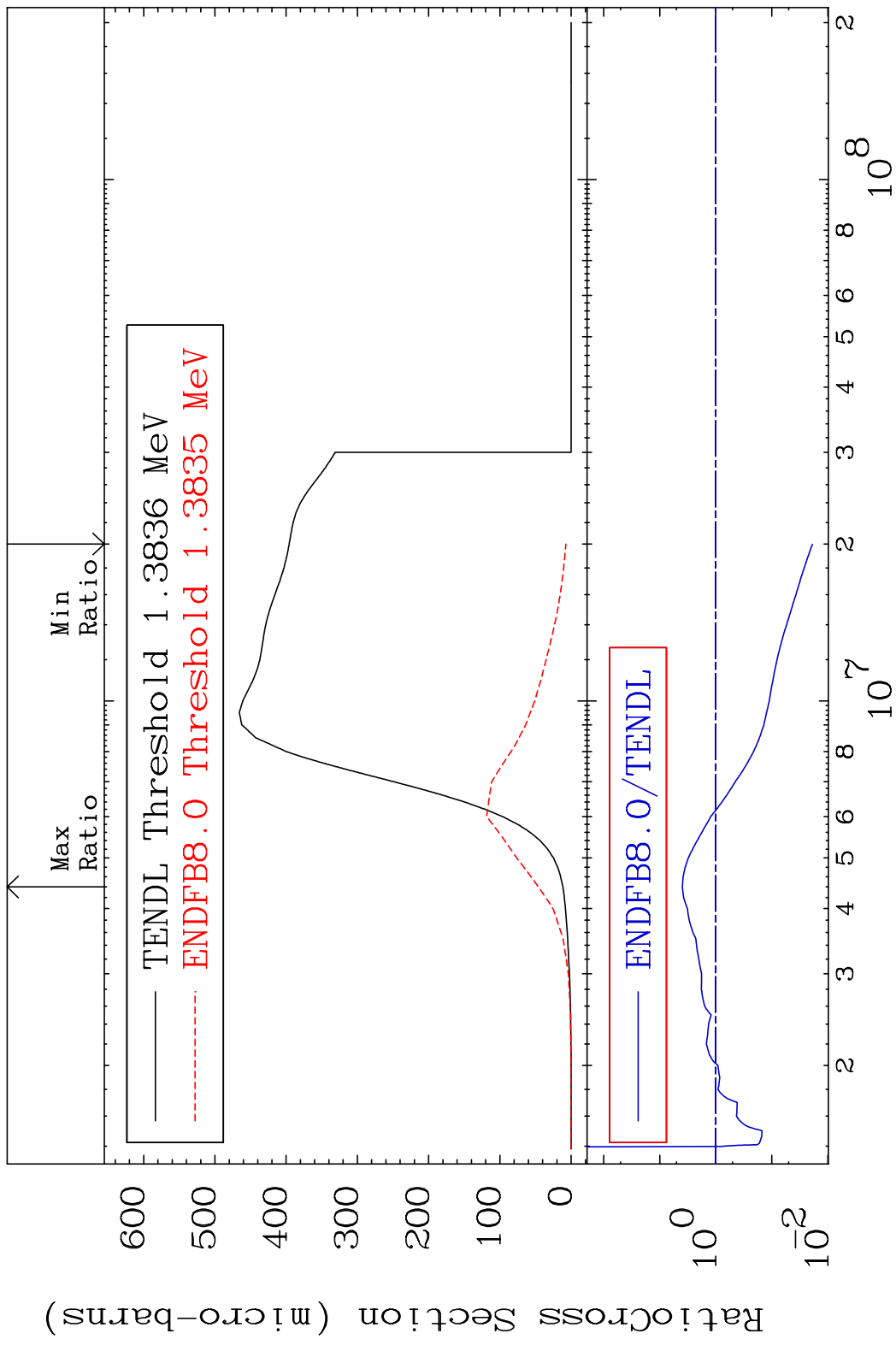


MAT 6643 MT= 64 (n, n') Level 66-Dy-162  
 Cross Section -100.0 To 54.69 %

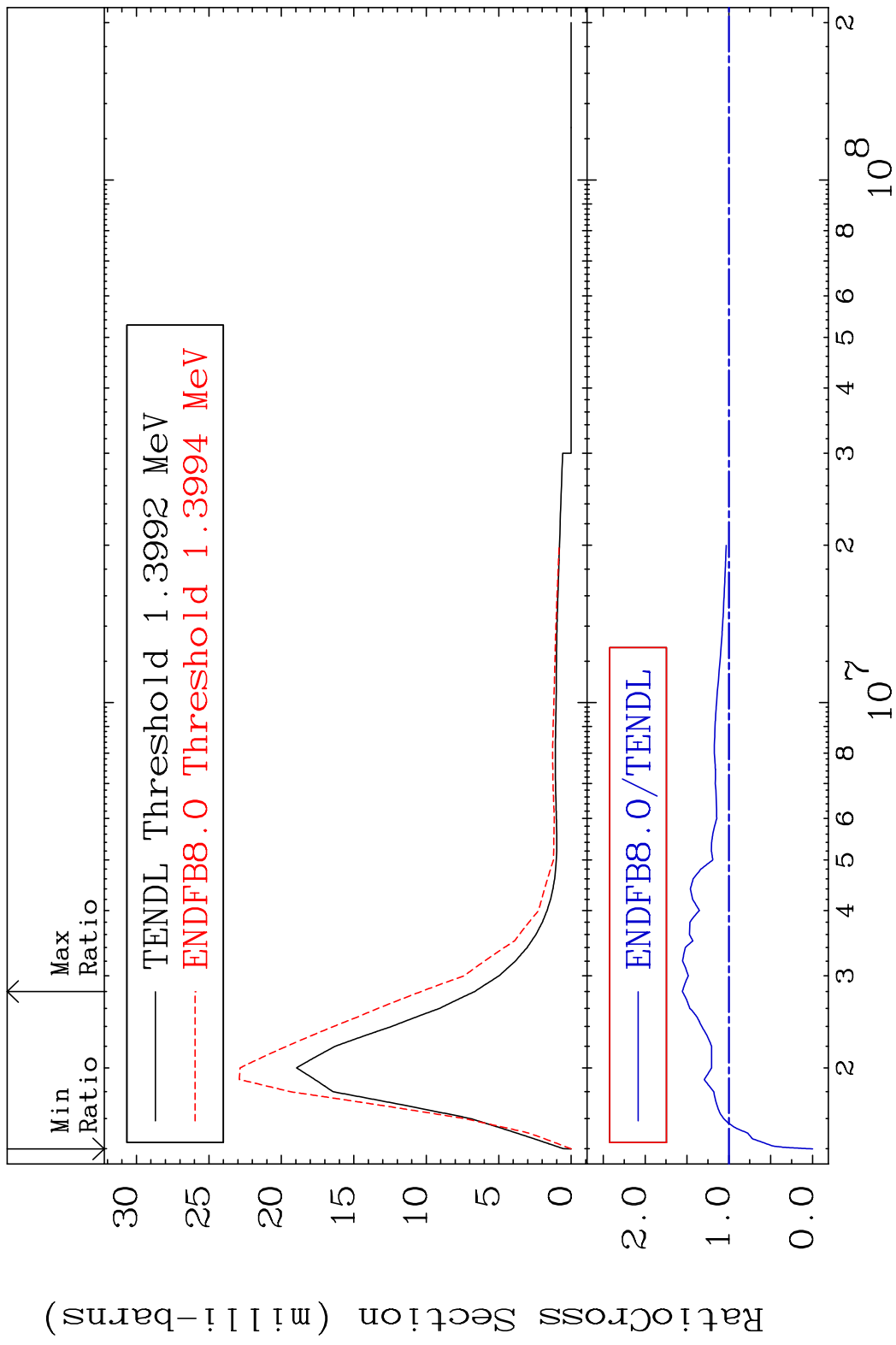




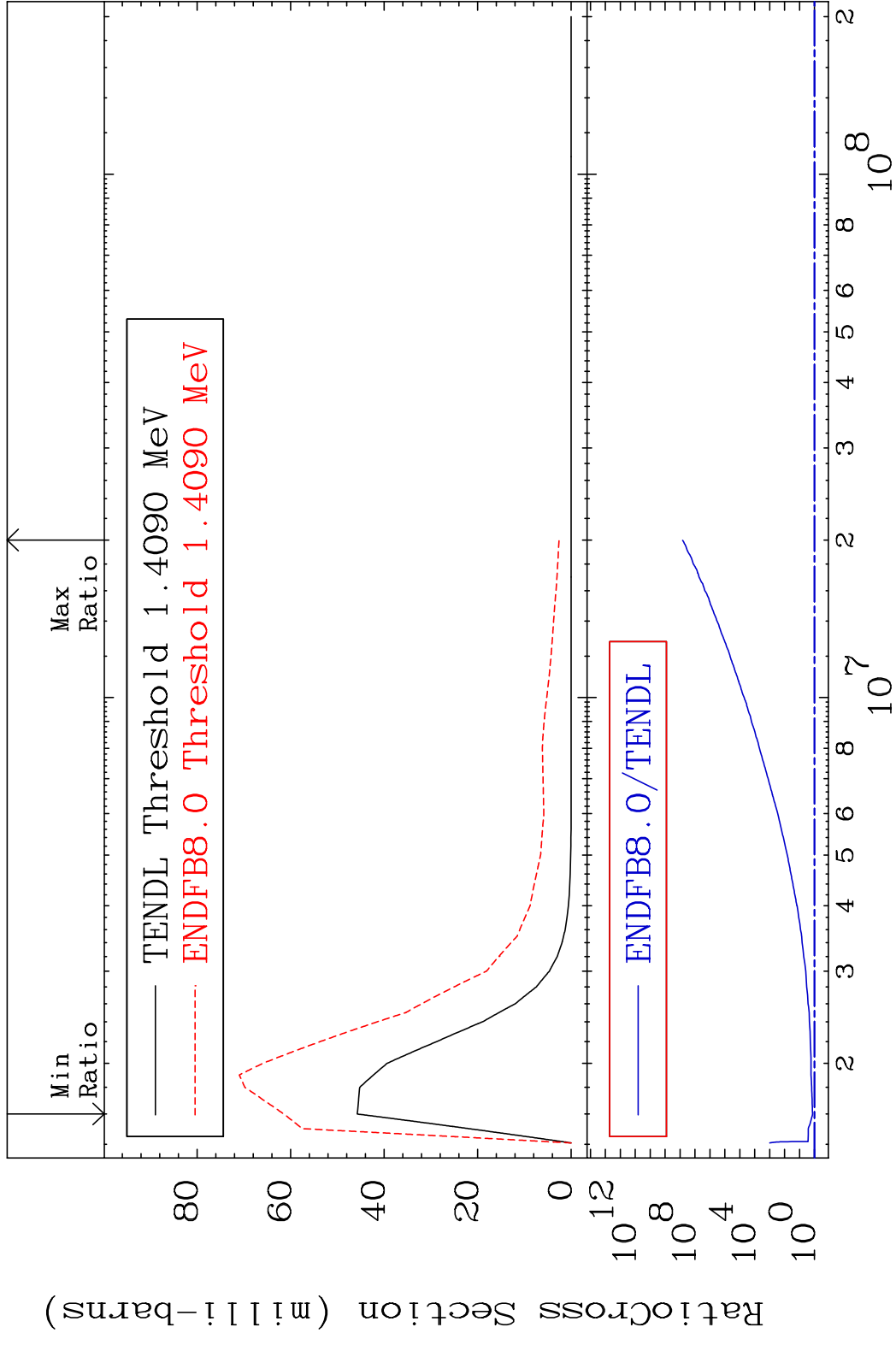
MAT 6643 MT= 65 (n, n') Level 66-Dy-162  
 Cross Section -98.13 To 294.2 %



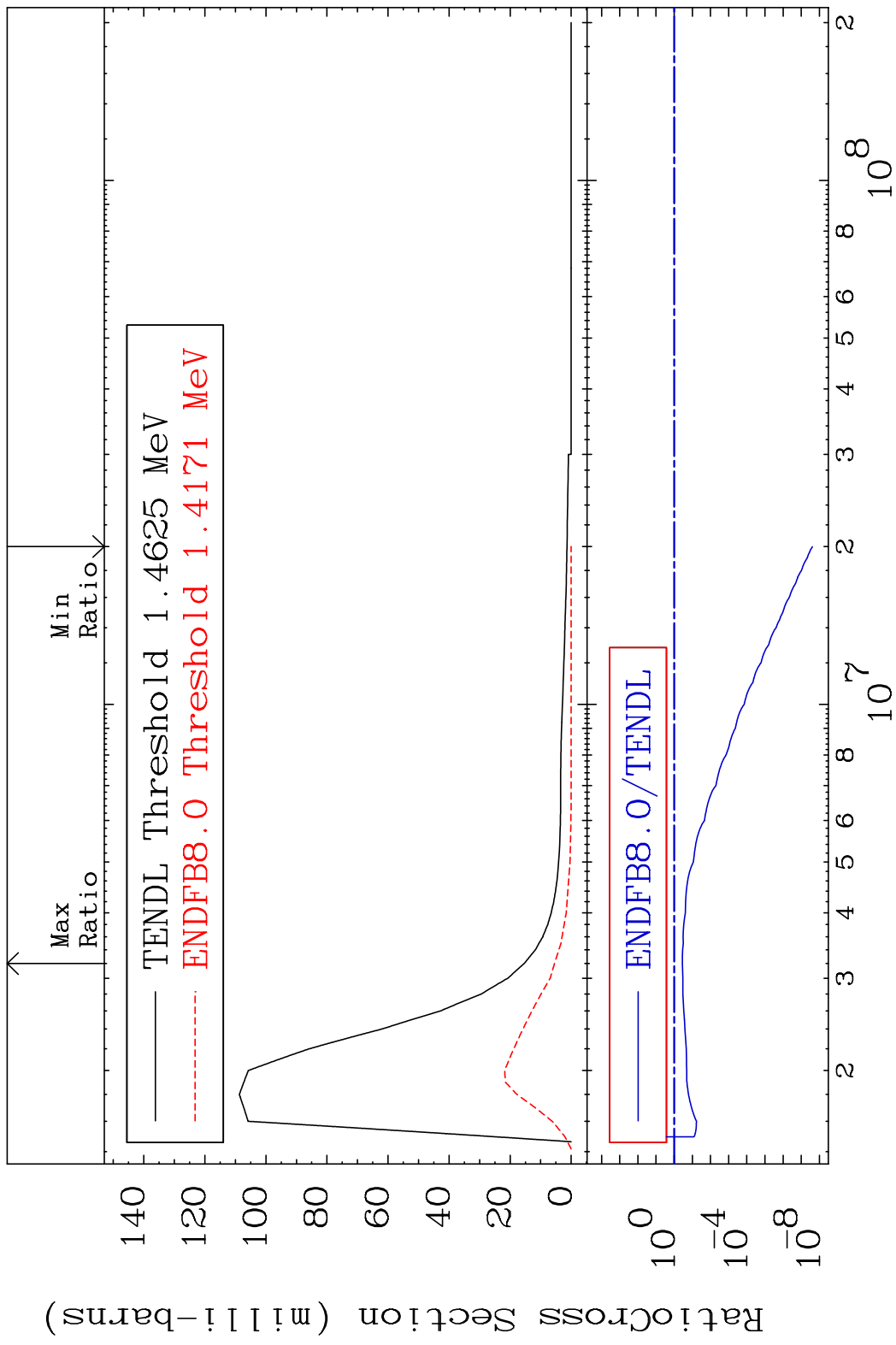
MAT 6643 MT= 66 (n,n') Level 66-Dy-162  
 Cross Section -100.0 To 55.52 %



MAT 6643 MT= 67 (n, n') Level 66-Dy-162  
 Cross Section 34.33 To 9999. %



MAT 6643 MT= 68 (n, n') Level 66-Dy-162  
 Cross Section -100.0 To -64.50%

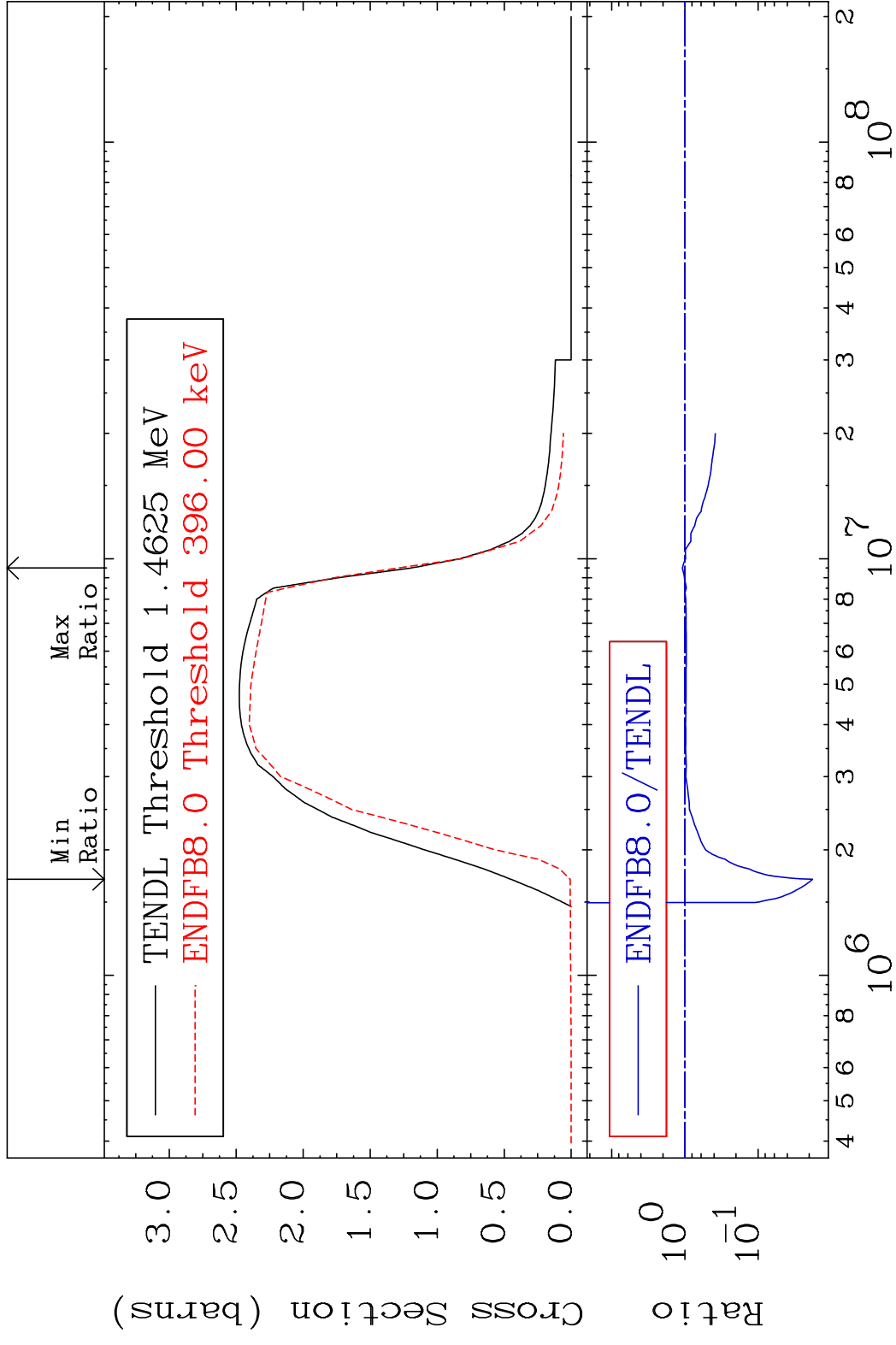


MAT 6643

(n, n') Continuum

66-Dy-162

Cross Section -98.20 To 8.405 %

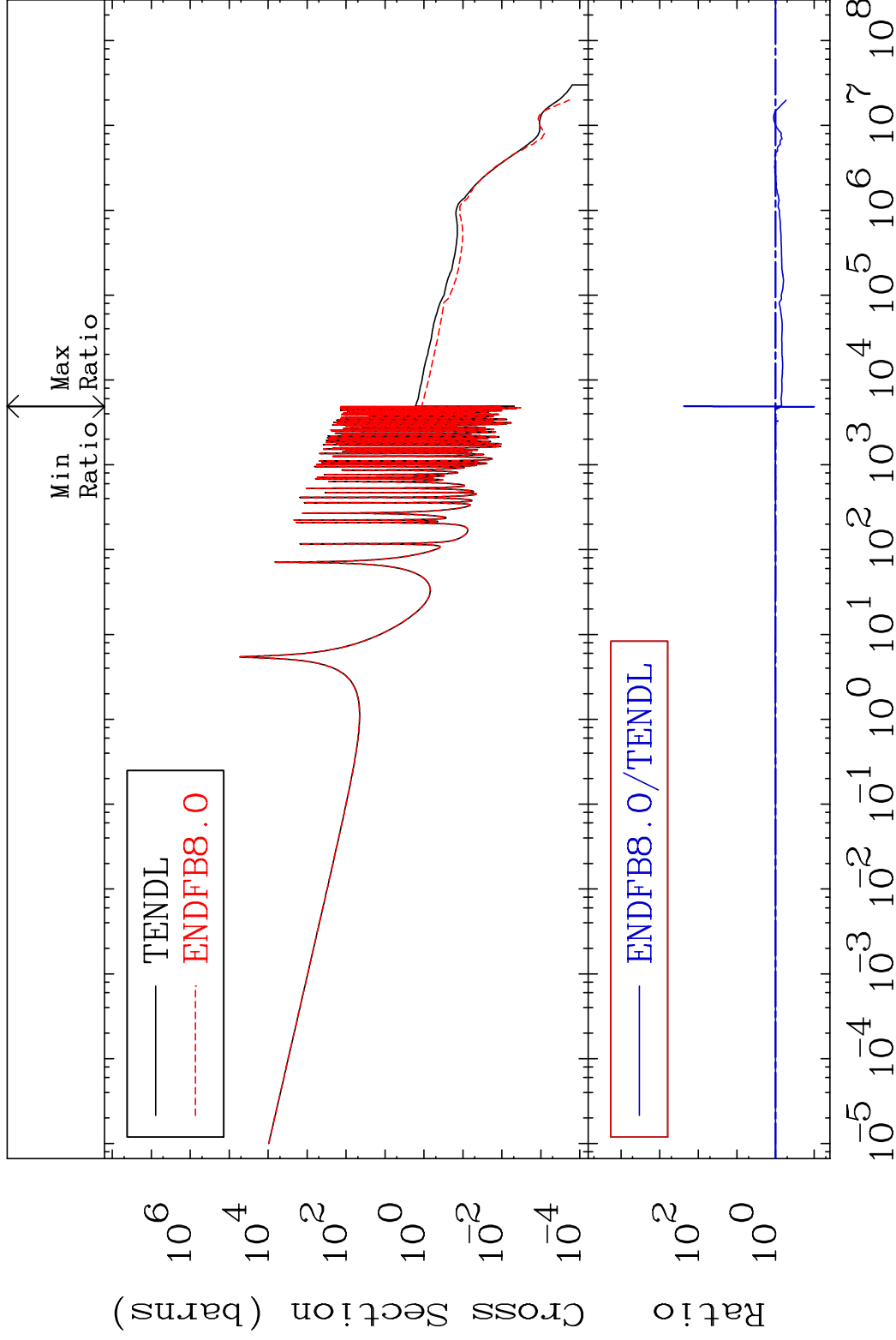


MAT 6643

(n,  $\gamma$ )

66-Dy-162

Cross Section -89.98 To 9999. %



29

Incident Energy (eV)

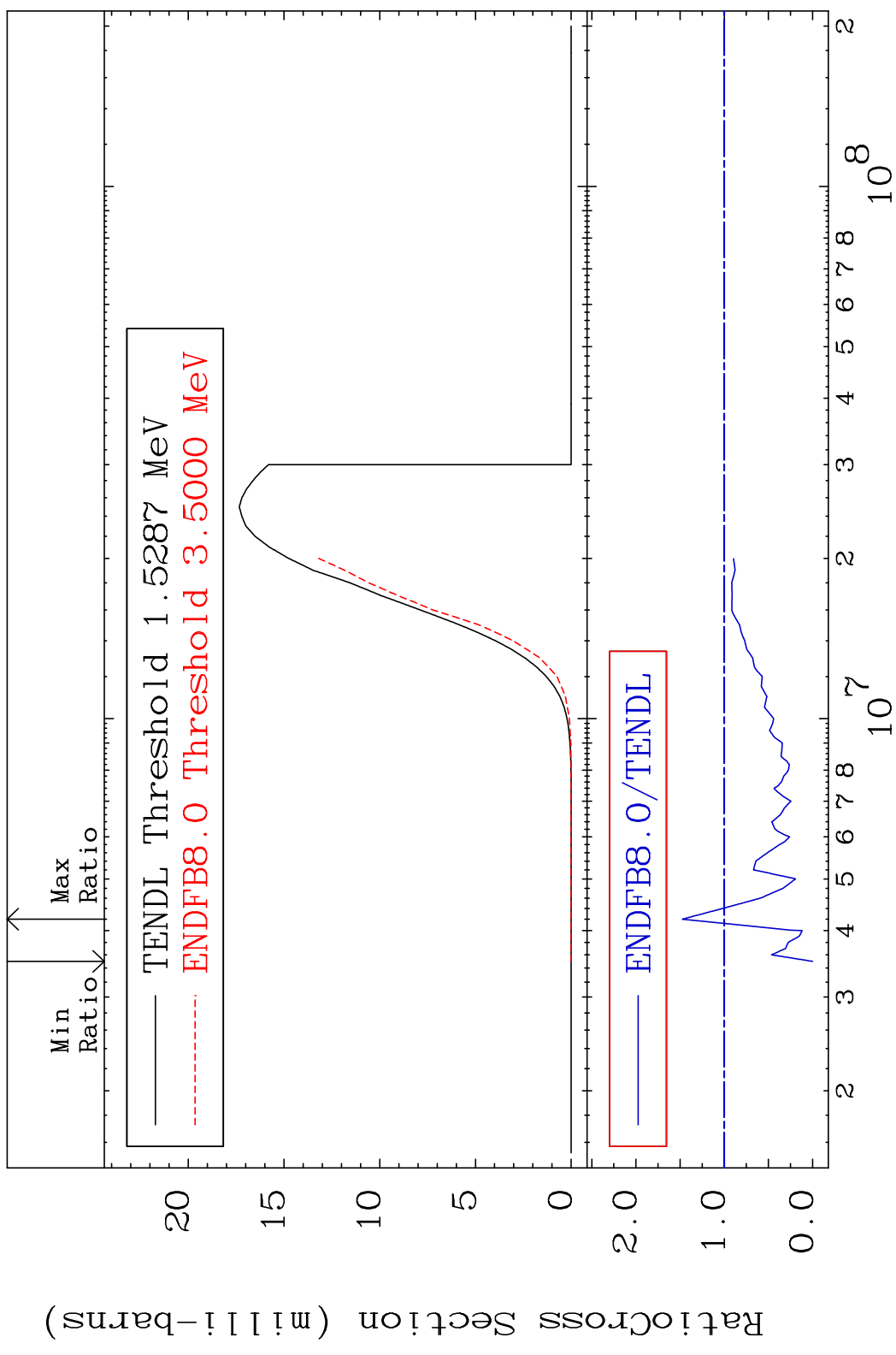
66-Dy-162

MAT 6643

(n,p)

66-Dy-162

Cross Section -100.0 To 47.43 %



30

Incident Energy (eV)

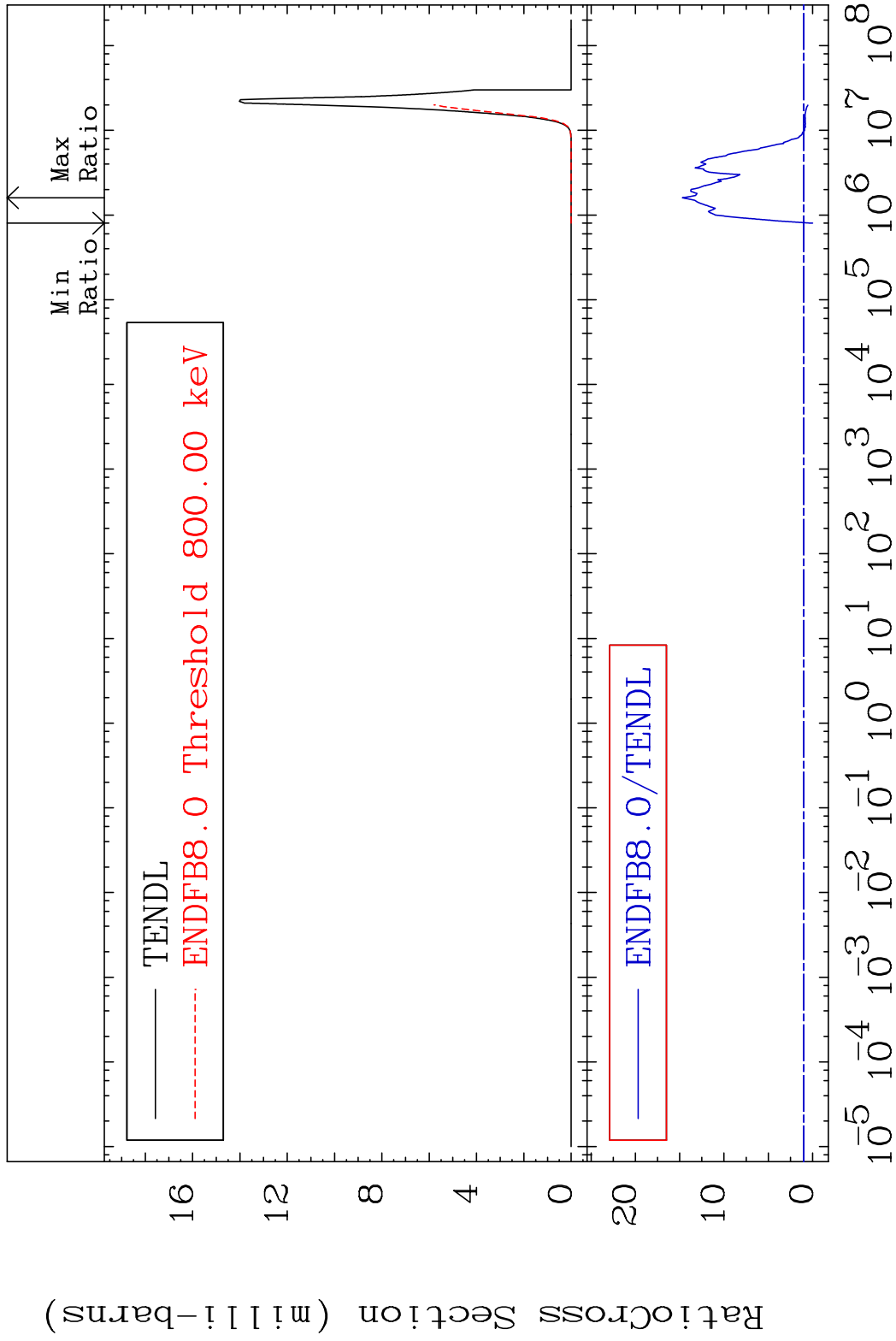
66-Dy-162

MAT 6643

(n,  $\alpha$ )

66-Dy-162

Cross Section -100.0 To 1370. %



31

Incident Energy (eV)

66-Dy-162

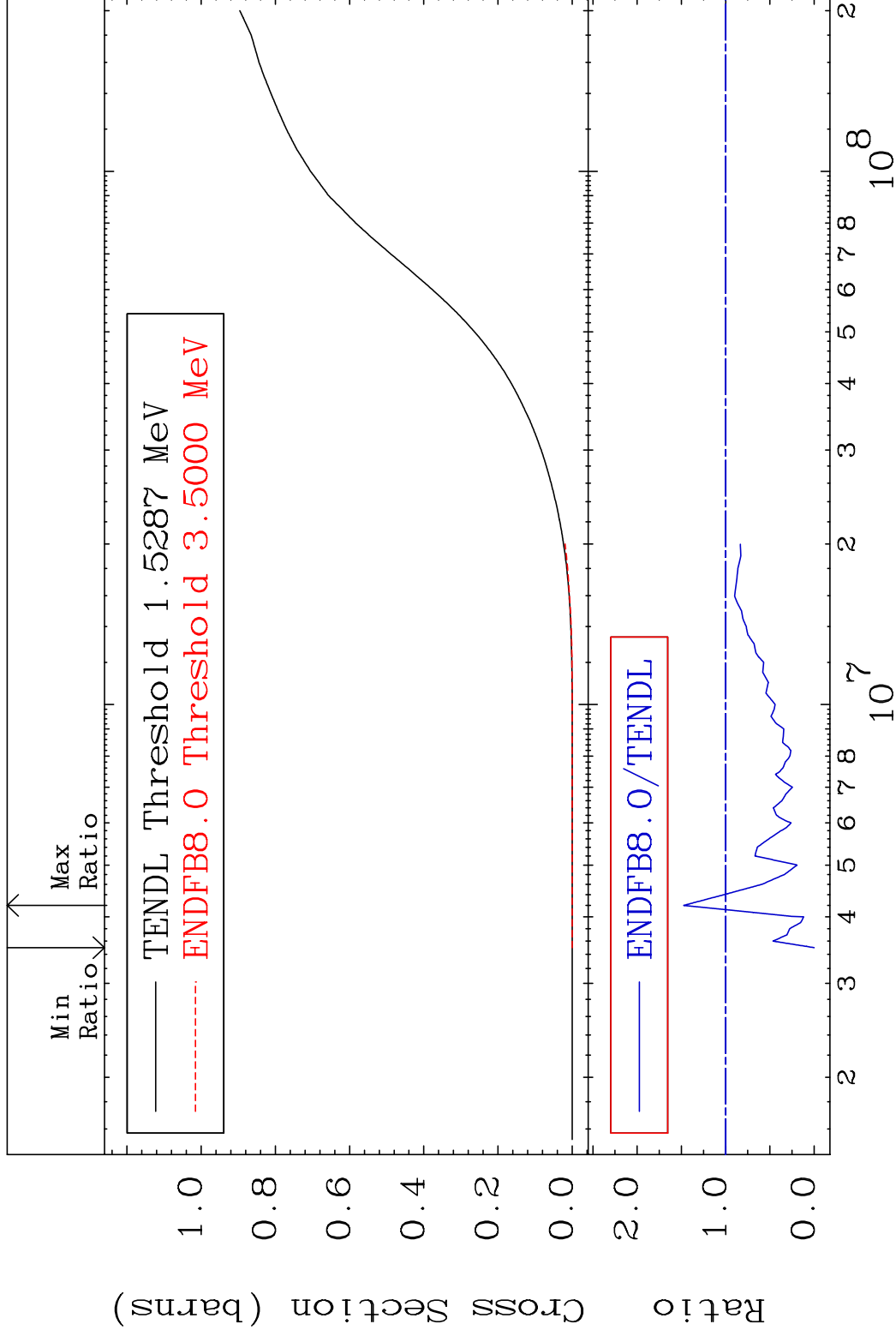


MAT 6643

Hydrogen Production

66-Dy-162

Cross Section -100.0 To 47.43 %



32

Incident Energy (eV)

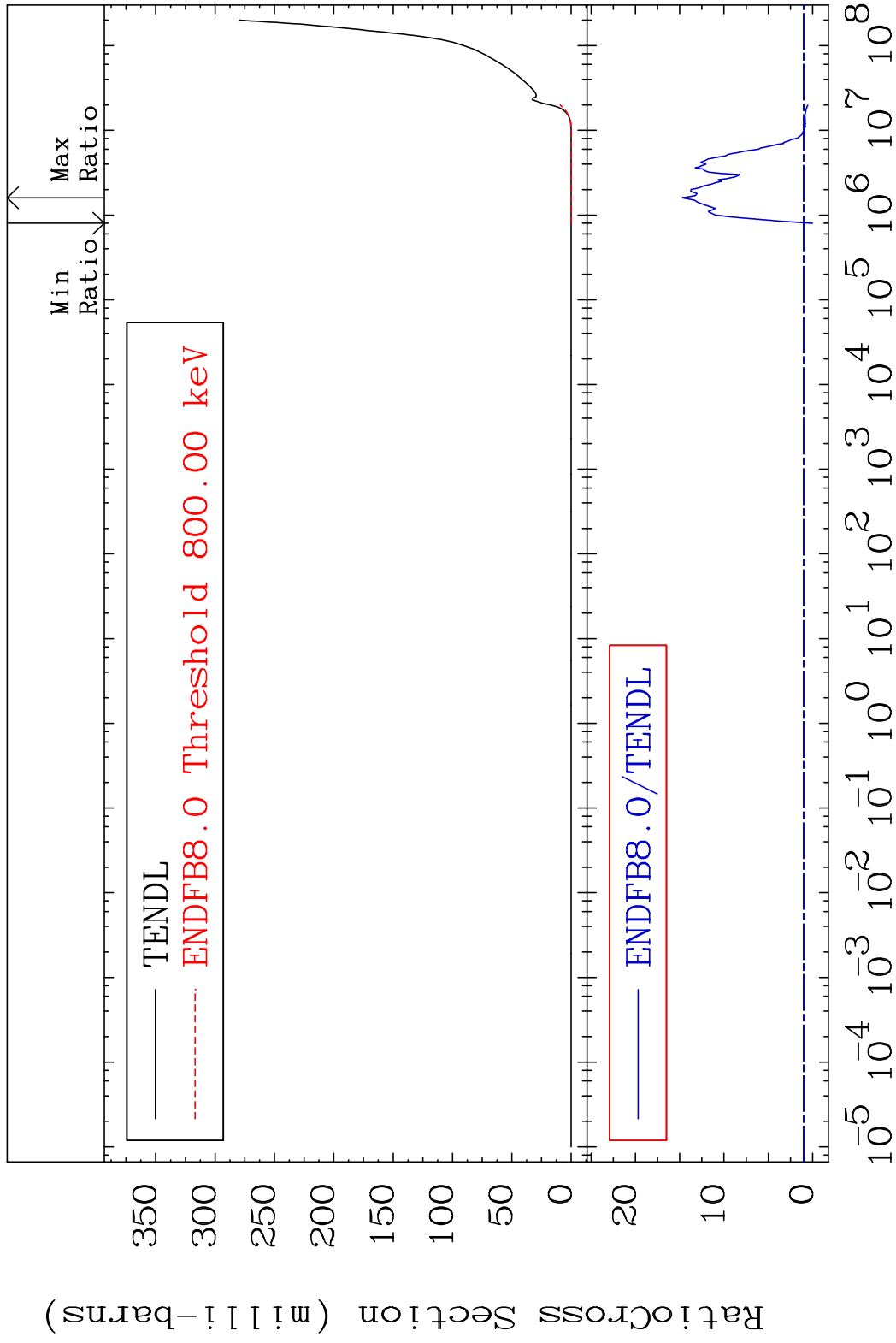
66-Dy-162

MAT 6643

He-4 Production

66-Dy-162

Cross Section -100.0 To 1370. %

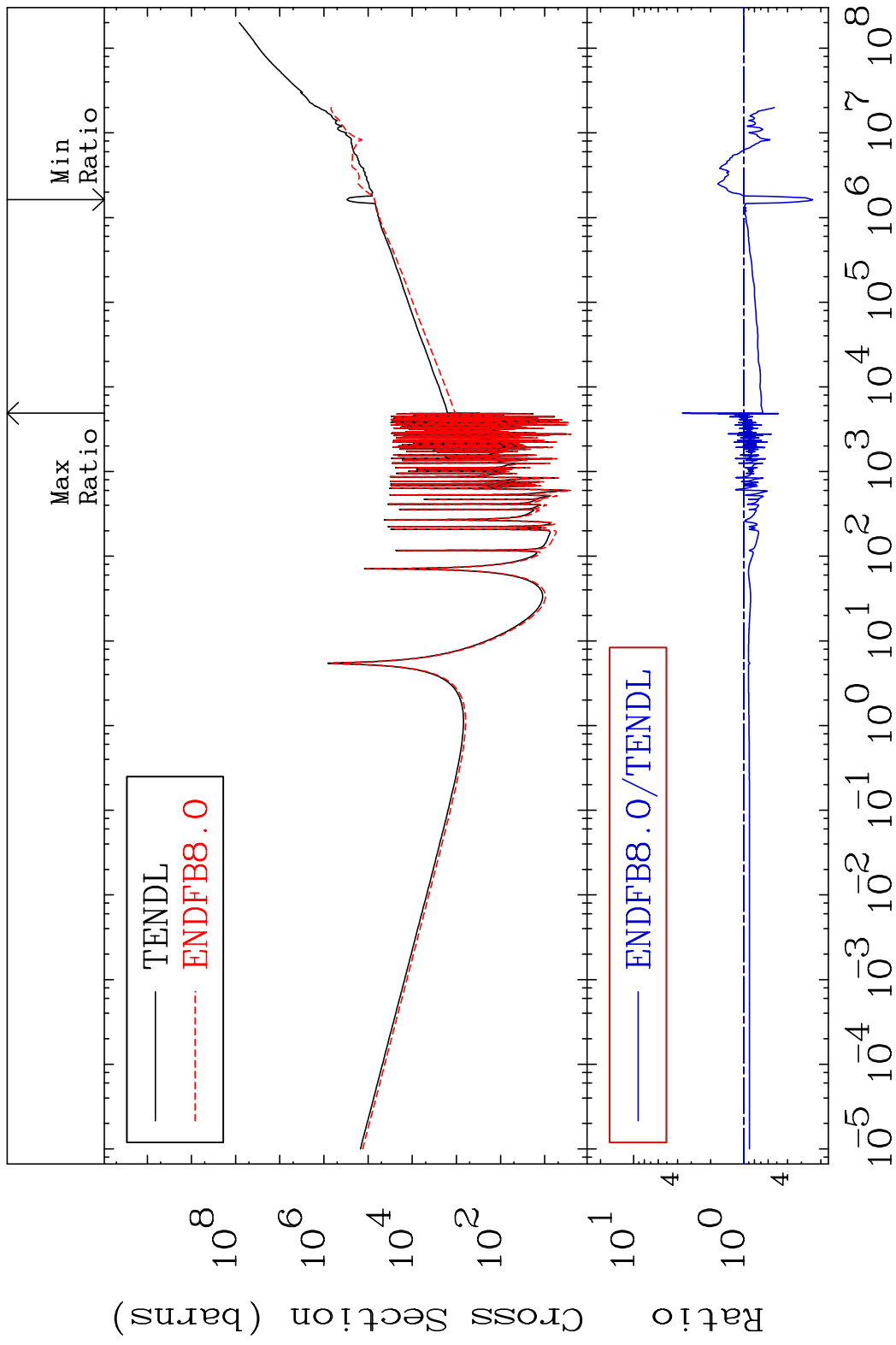


33

Incident Energy (eV)

66-Dy-162

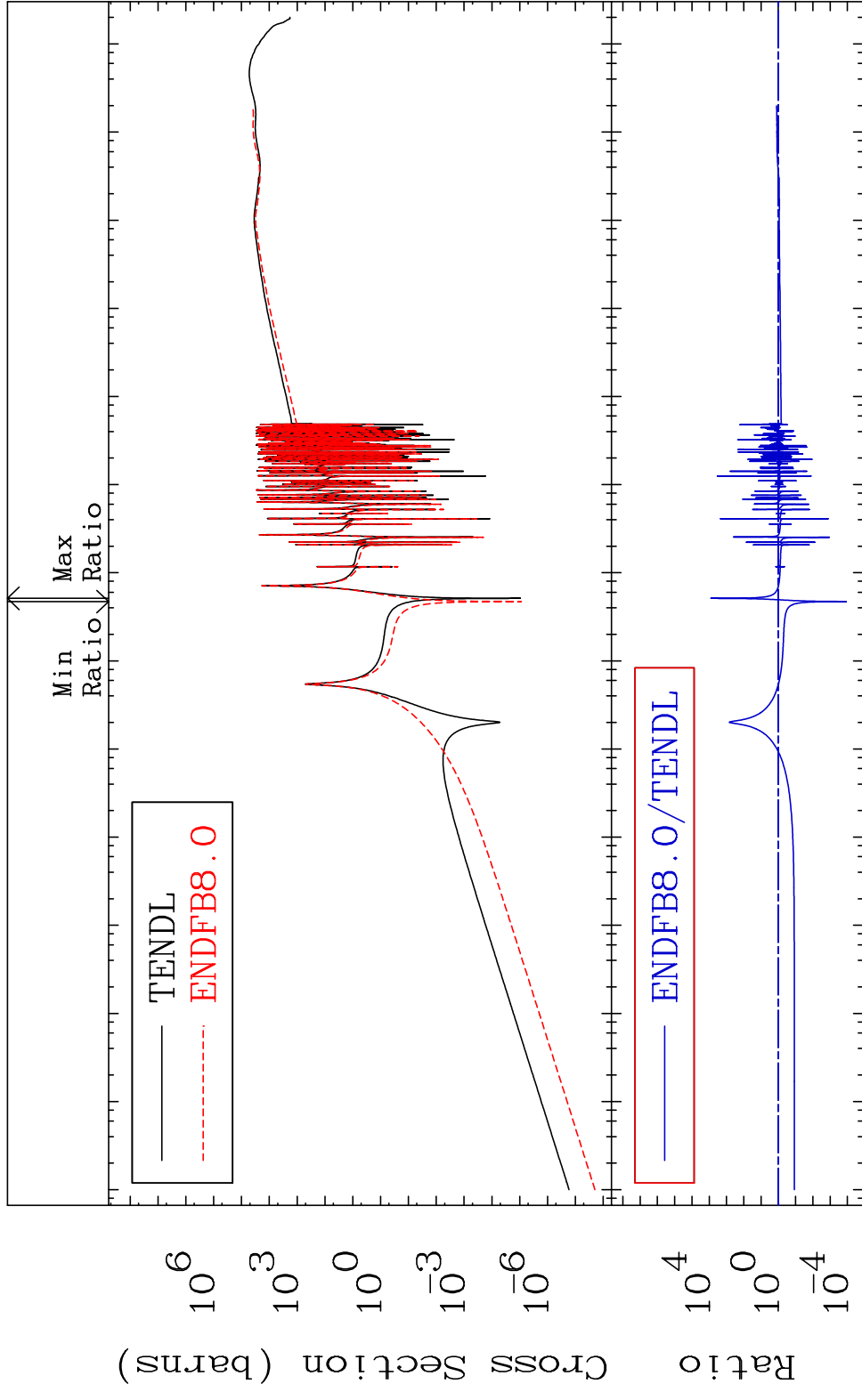
MAT 6643 Kerma total (eV-barns) 66-Dy-162  
 Cross Section -76.28 To 261.4 %



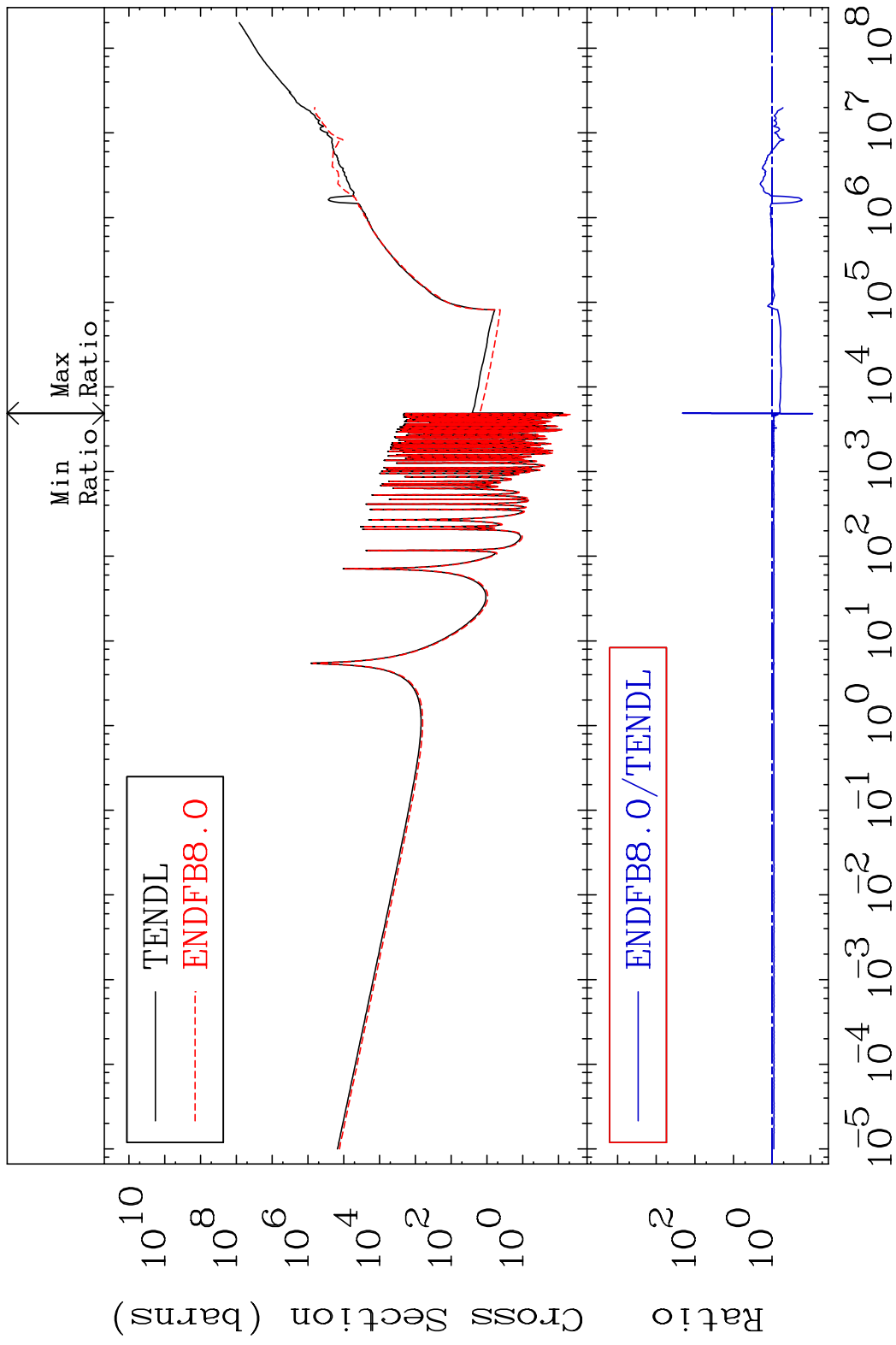
MAT 6643

Kerma elastic  
Cross Section -99.99 To 9999. %

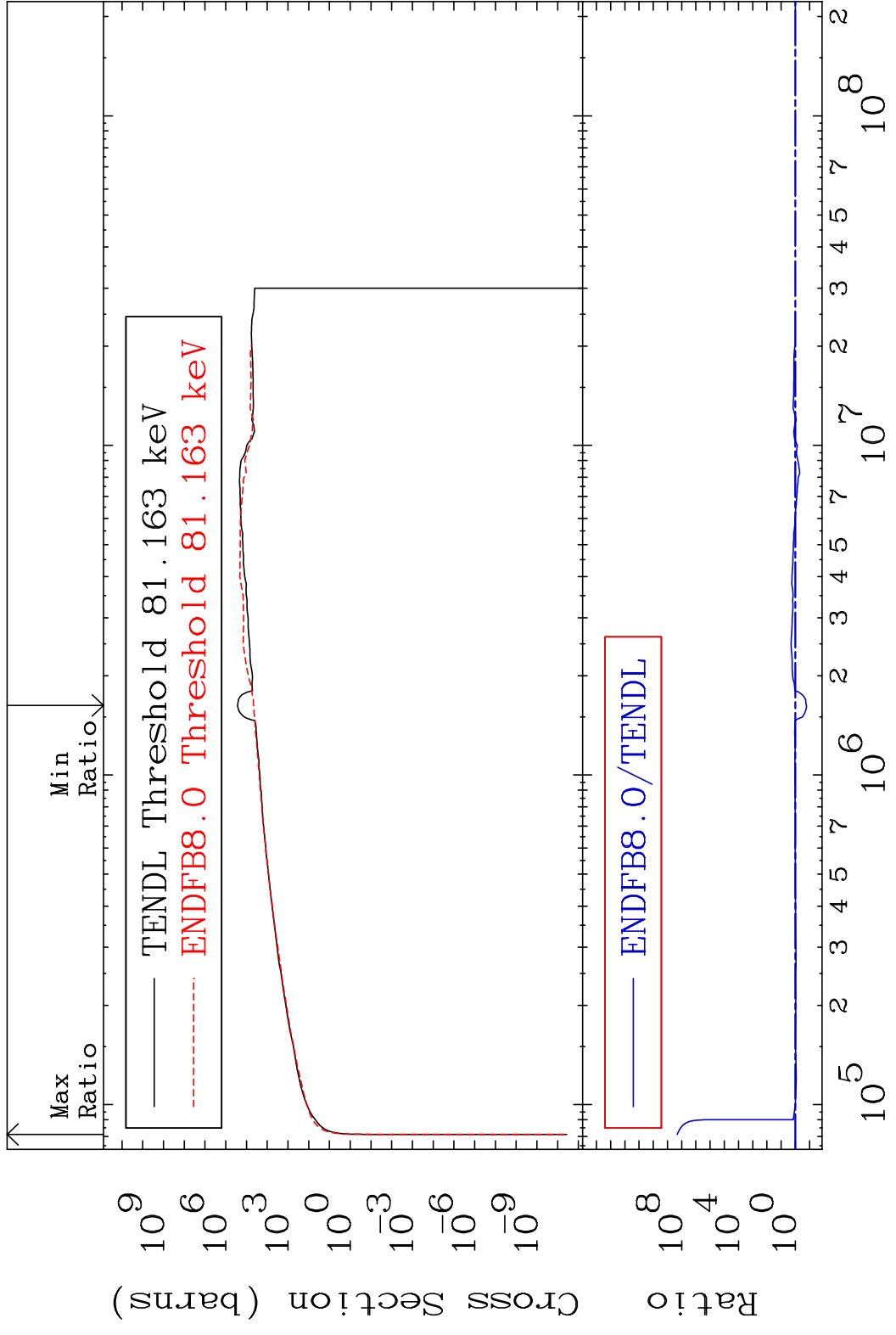
66-Dy-162



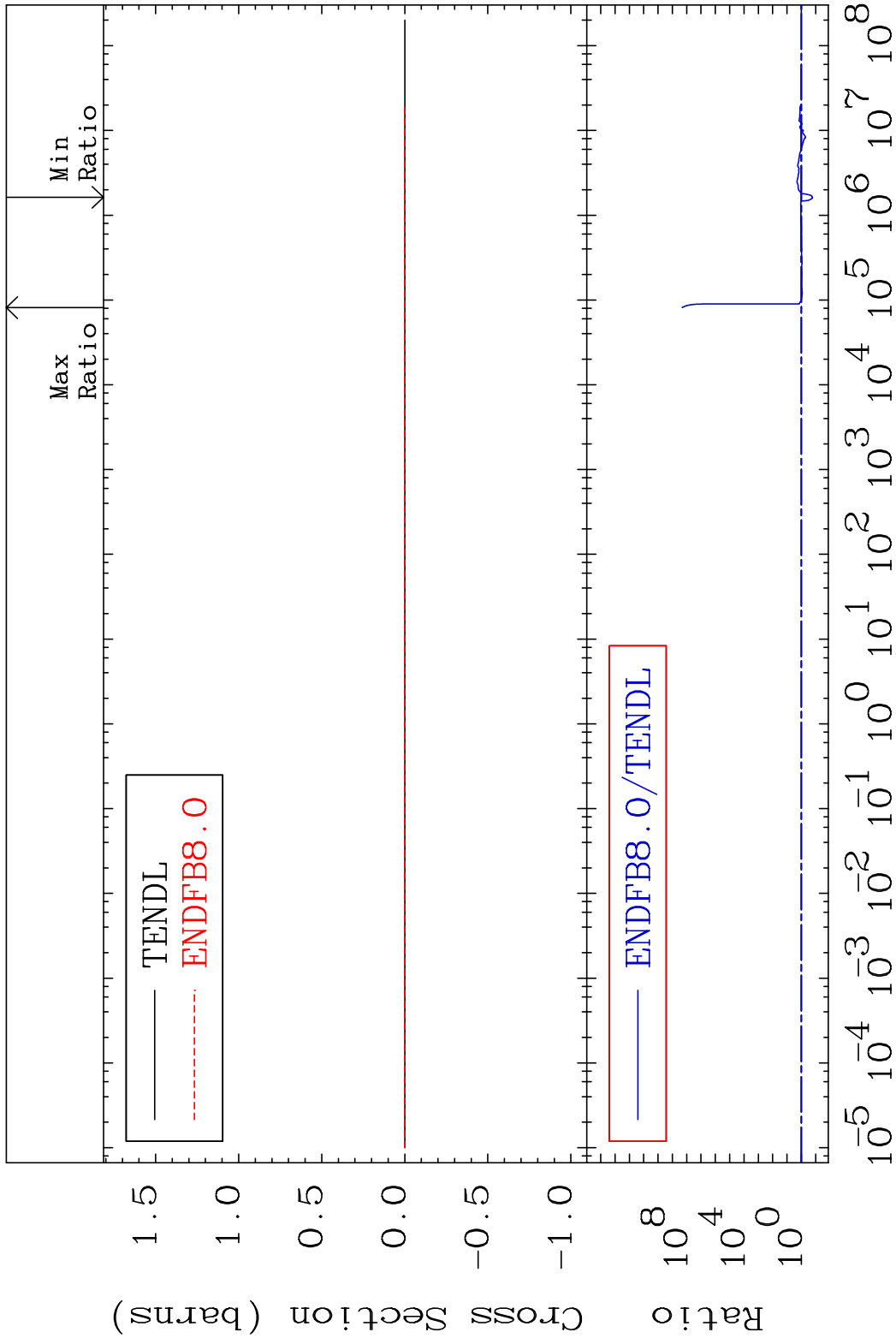
MAT 6643 Kerma non-elastic (all but mt2) 66-Dy-162  
 Cross Section -91.15 To 9999. %



MAT 6643 Kerma inelastic (mt51-91) 66-Dy-162  
 Cross Section -83.37 To 9999. %

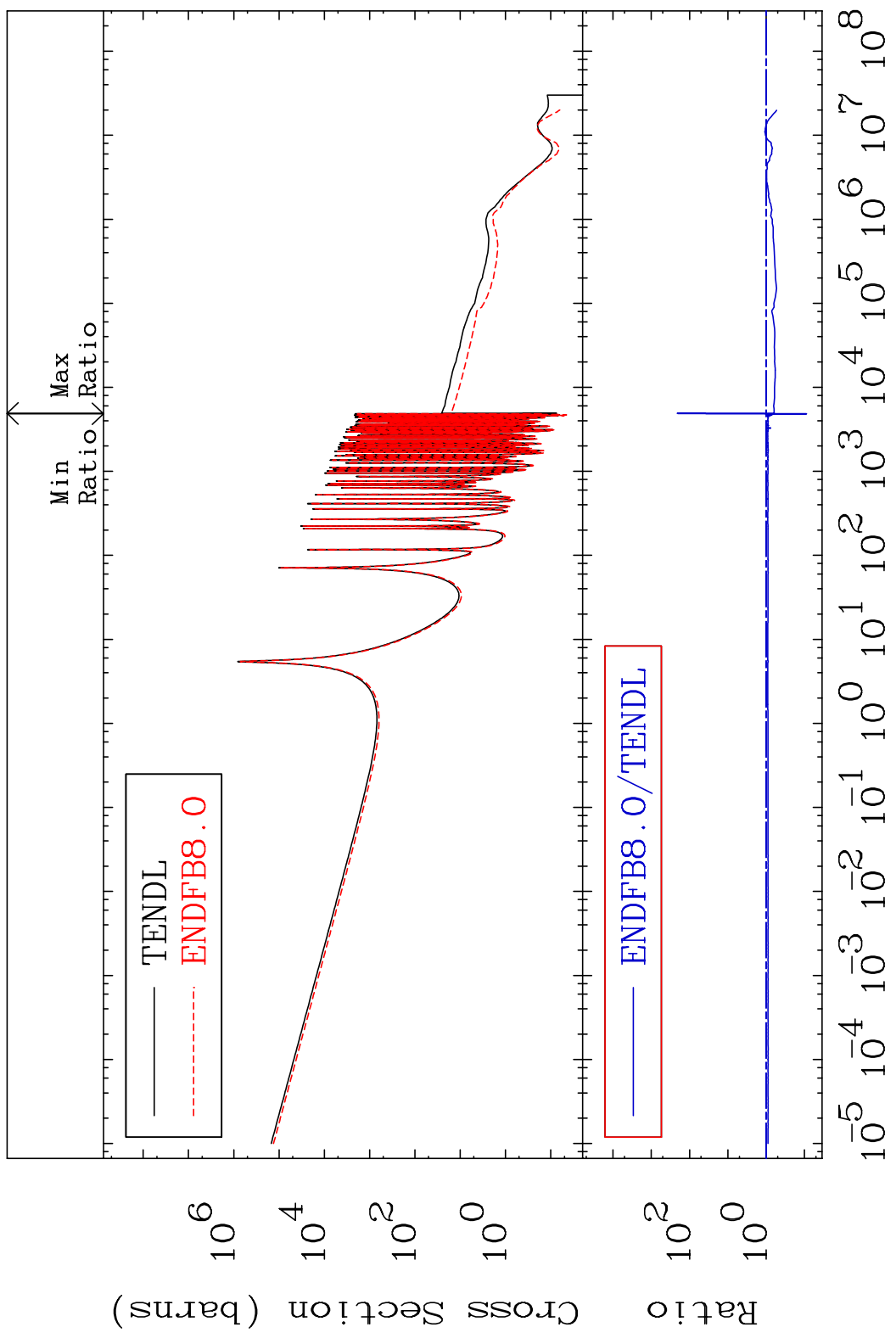


MAT 6643 Kerma fission (mt18 or mt19-20-21-38) 66-Dy-162  
 Cross Section -83.37 To 9999. %



MAT 6643

Kerma capture (mt102) 66-Dy-162  
Cross Section -91.15 To 9999. %



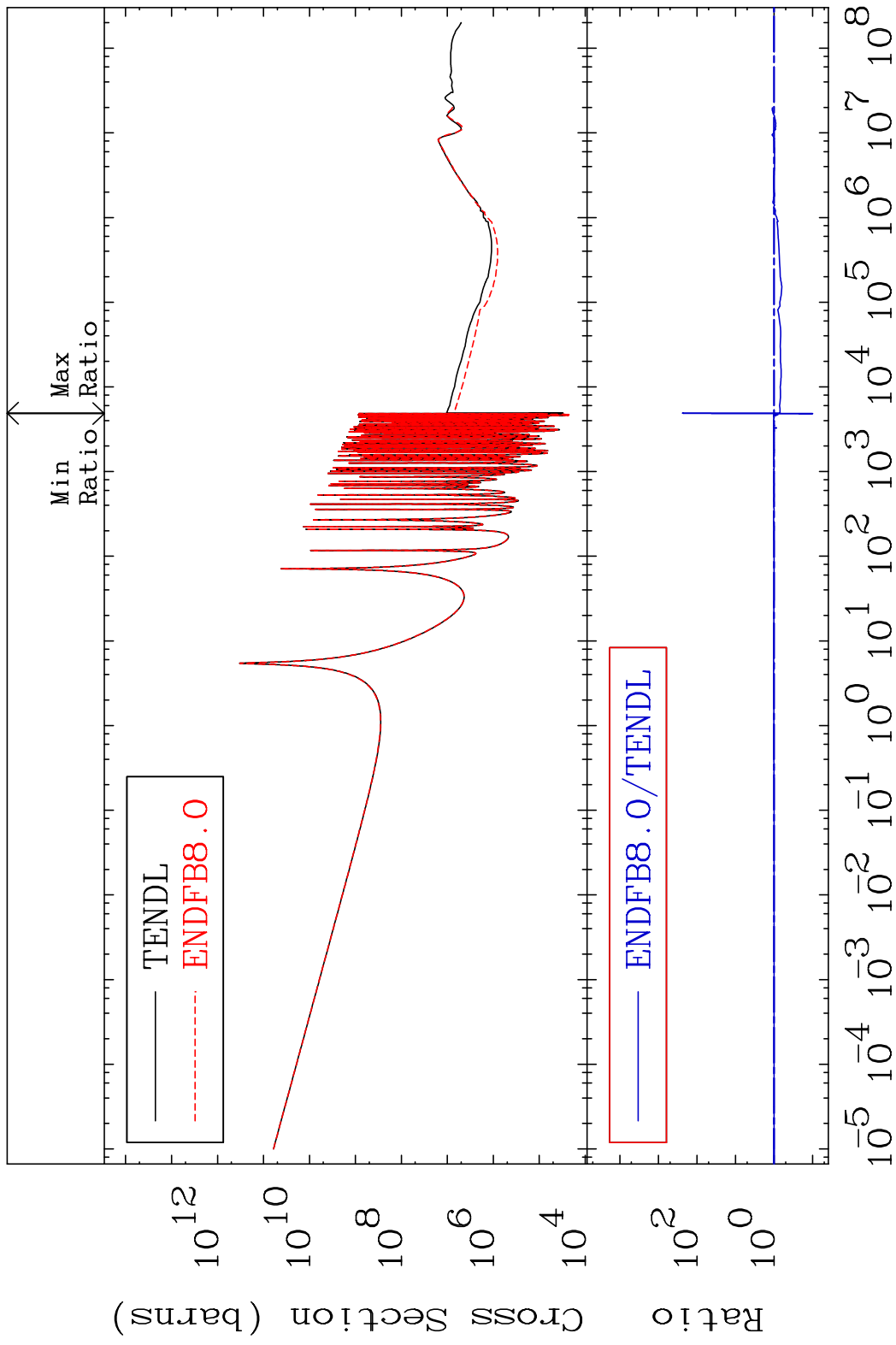
39

Incident Energy (eV)

66-Dy-162

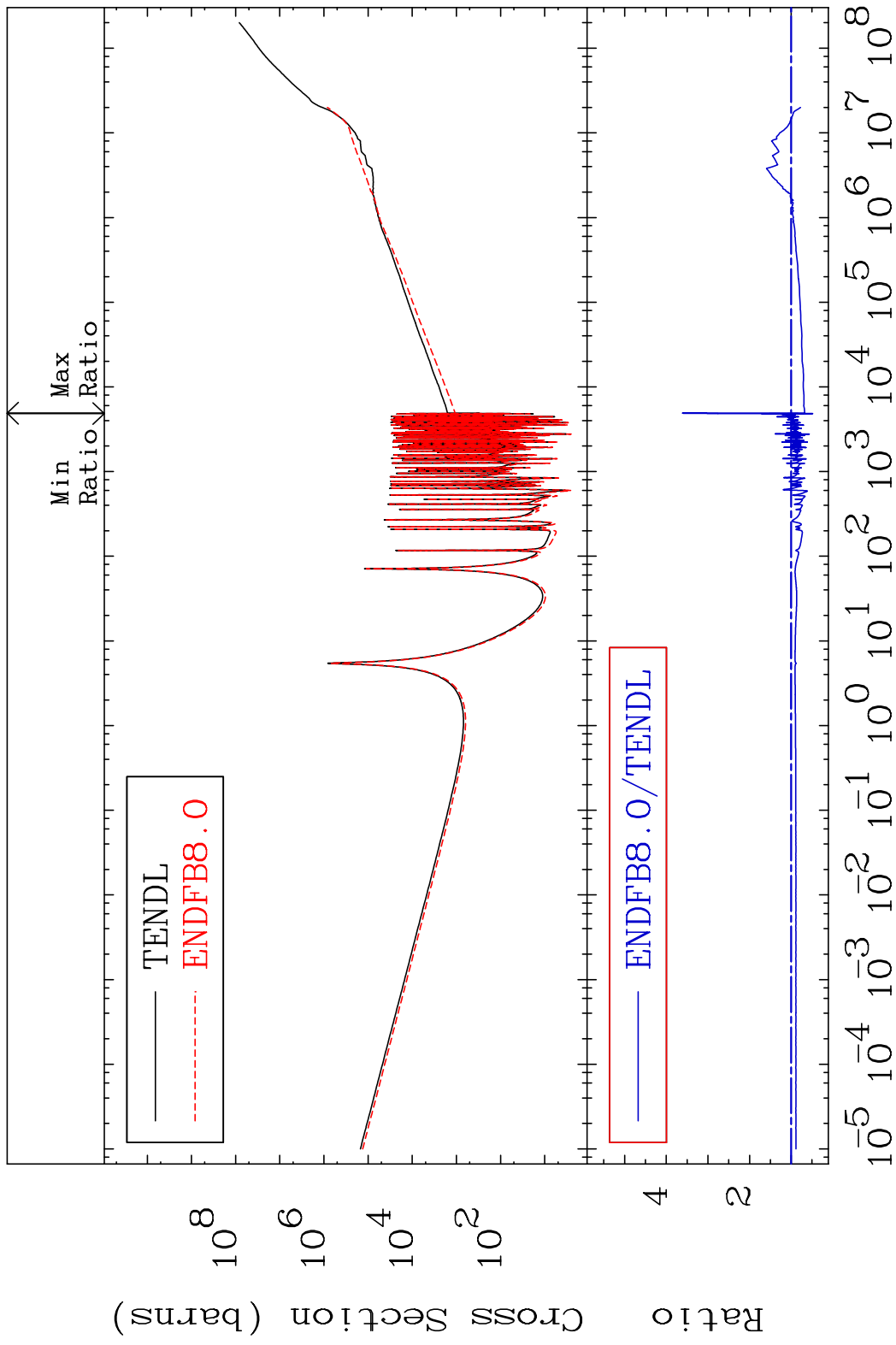


MAT 6643 Total photon (eV-barns) 66-Dy-162  
 Cross Section -89.97 To 9999. %

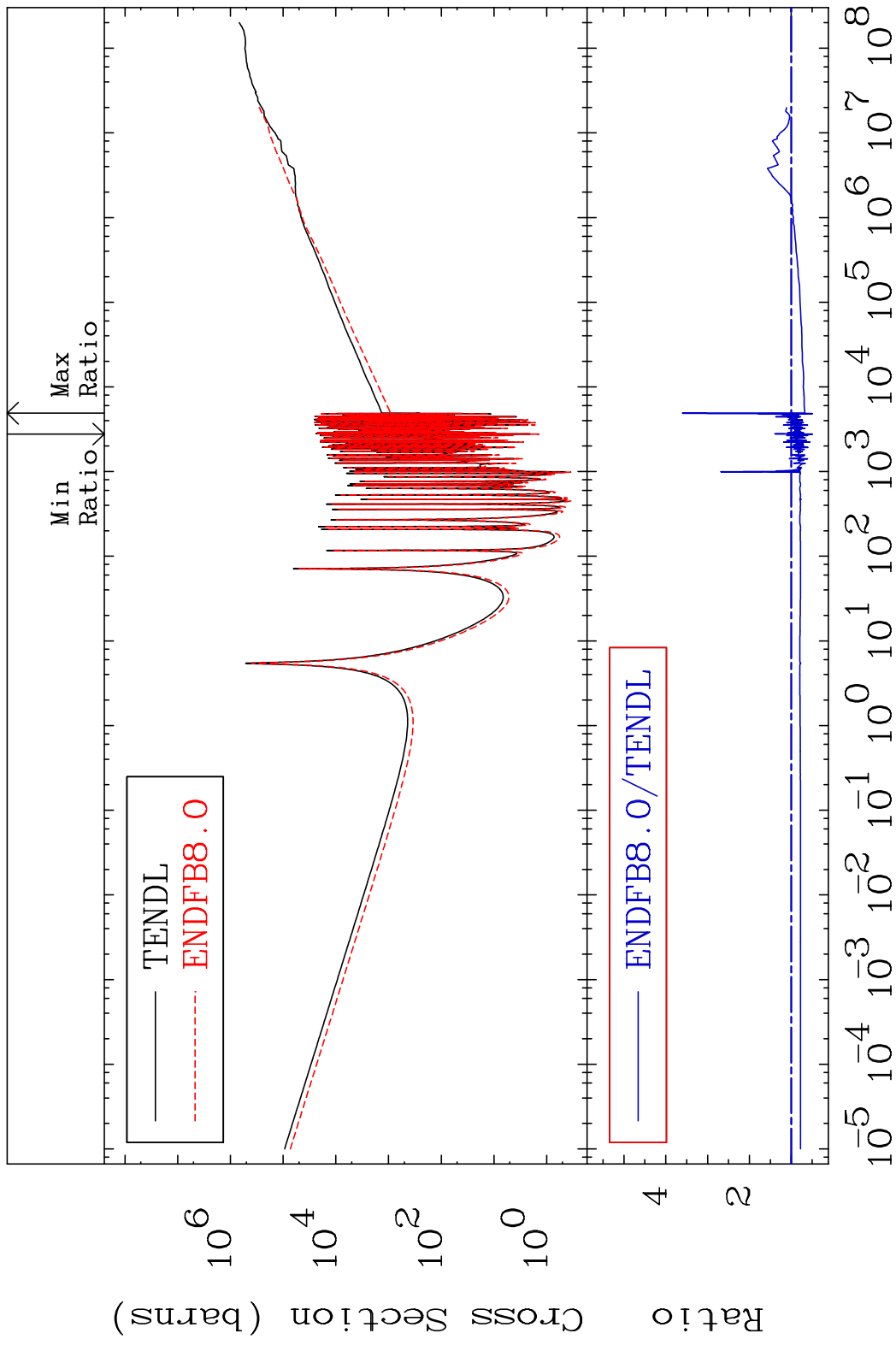


40 Incident Energy (eV) 66-Dy-162

MAT 6643 Total kinematic kerma (high limit) 66-Dy-162  
 Cross Section -51.30 To 261.4 %



MAT 6643      Dpa total (eV-barns)      66-Dy-162  
 Cross Section      -50.84 To 260.3 %



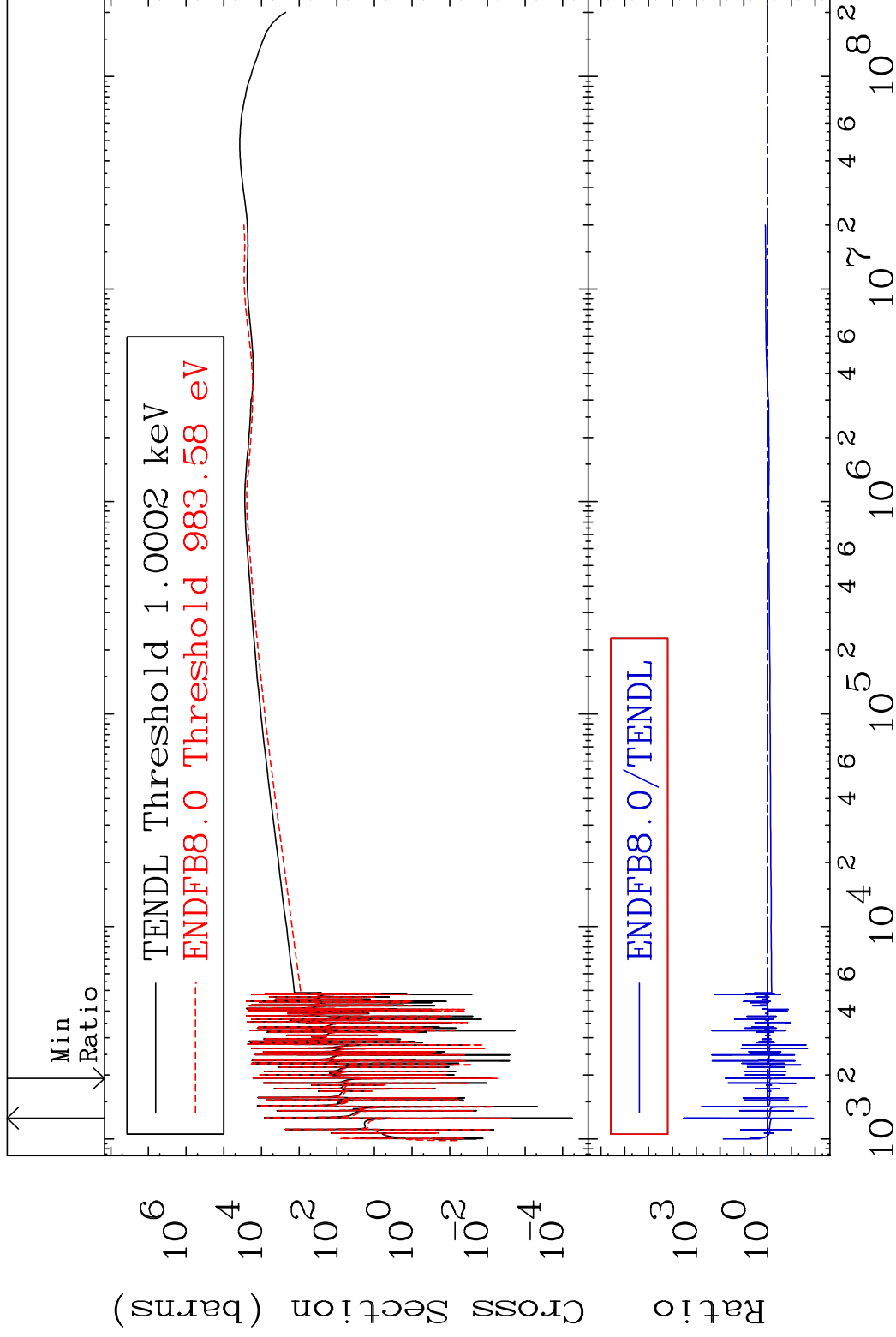
42      Incident Energy (eV)      66-Dy-162

MAT 6643

Dpa elastic (mt2)

66-Dy-162

Cross Section -98.89 To 9999. %

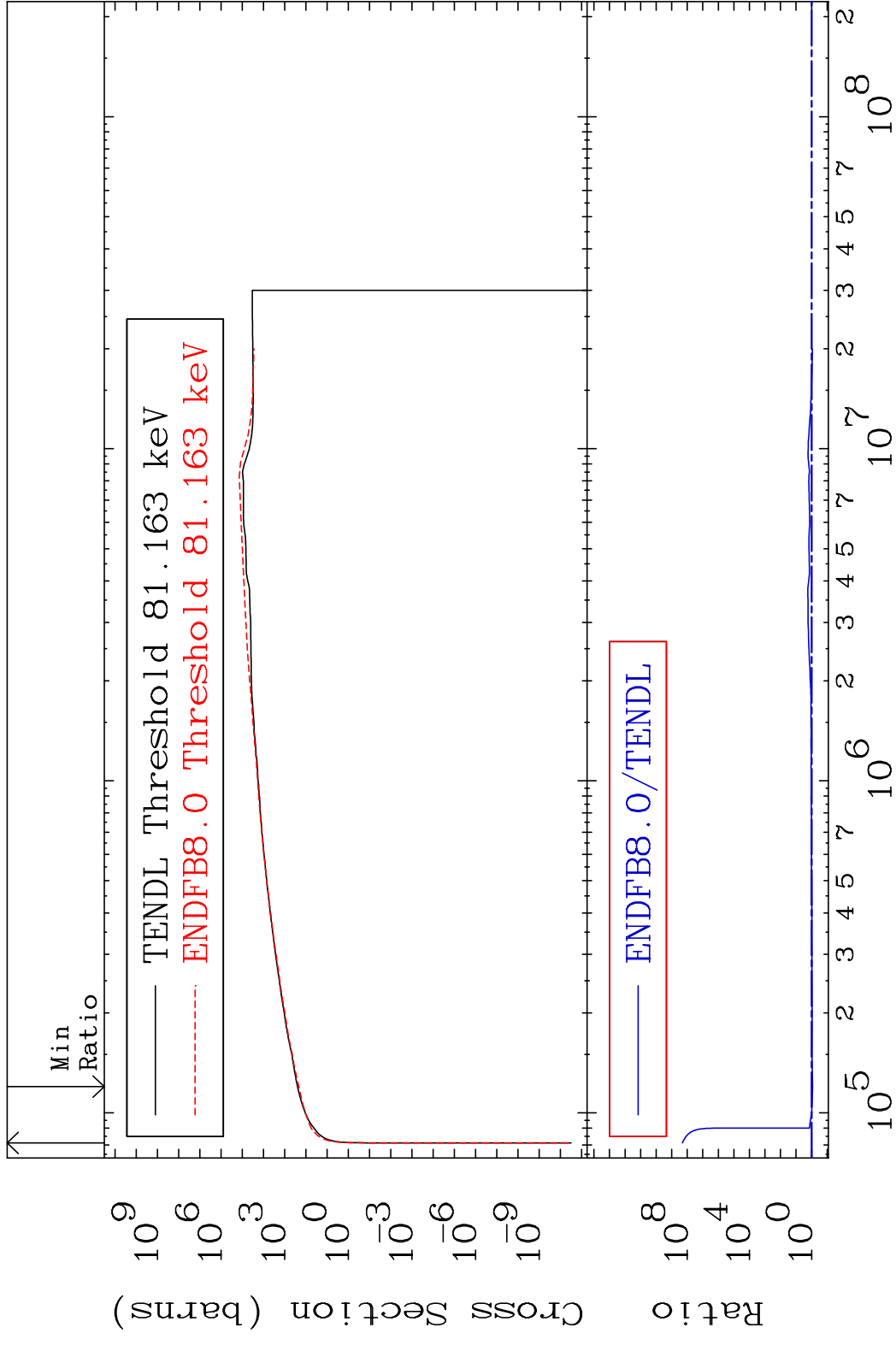


43

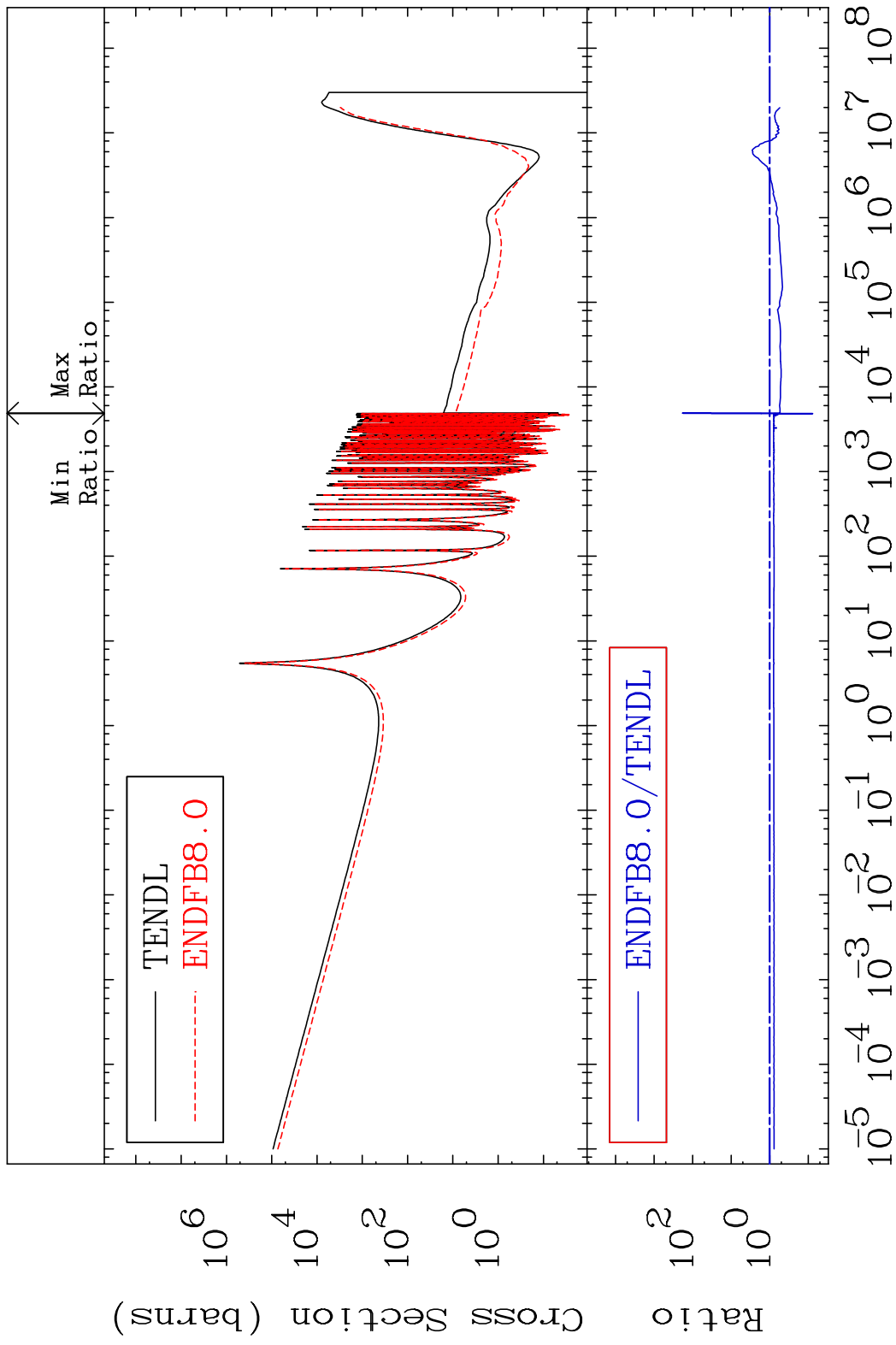
Incident Energy (eV)

66-Dy-162

MAT 6643 Dpa inelastic (mt51-91) 66-Dy-162  
 Cross Section -13.26 To 9999. %



MAT 6643 Dpa disappearance (mt102 -120) 66-Dy-162  
 Cross Section -92.22 To 9999. %



45 Incident Energy (eV) 66-Dy-162