

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

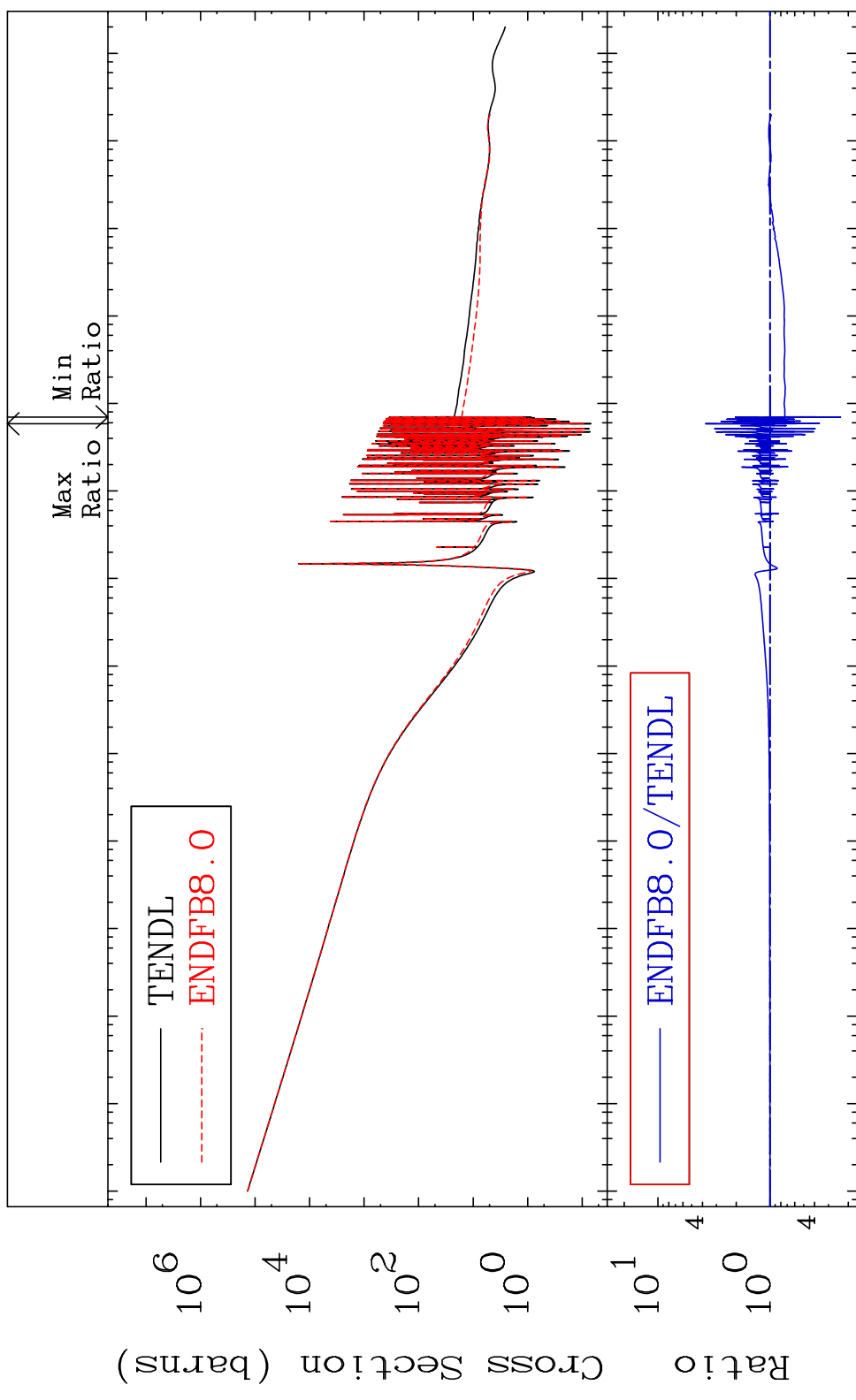
MAT 6649

Total

66-Dy-164

Cross Section

-76.54 To 274.3 %



10<sup>6</sup>  
10<sup>4</sup>  
10<sup>2</sup>  
10<sup>0</sup>  
10<sup>1</sup>  
10<sup>0</sup>  
10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

Incident Energy (eV)

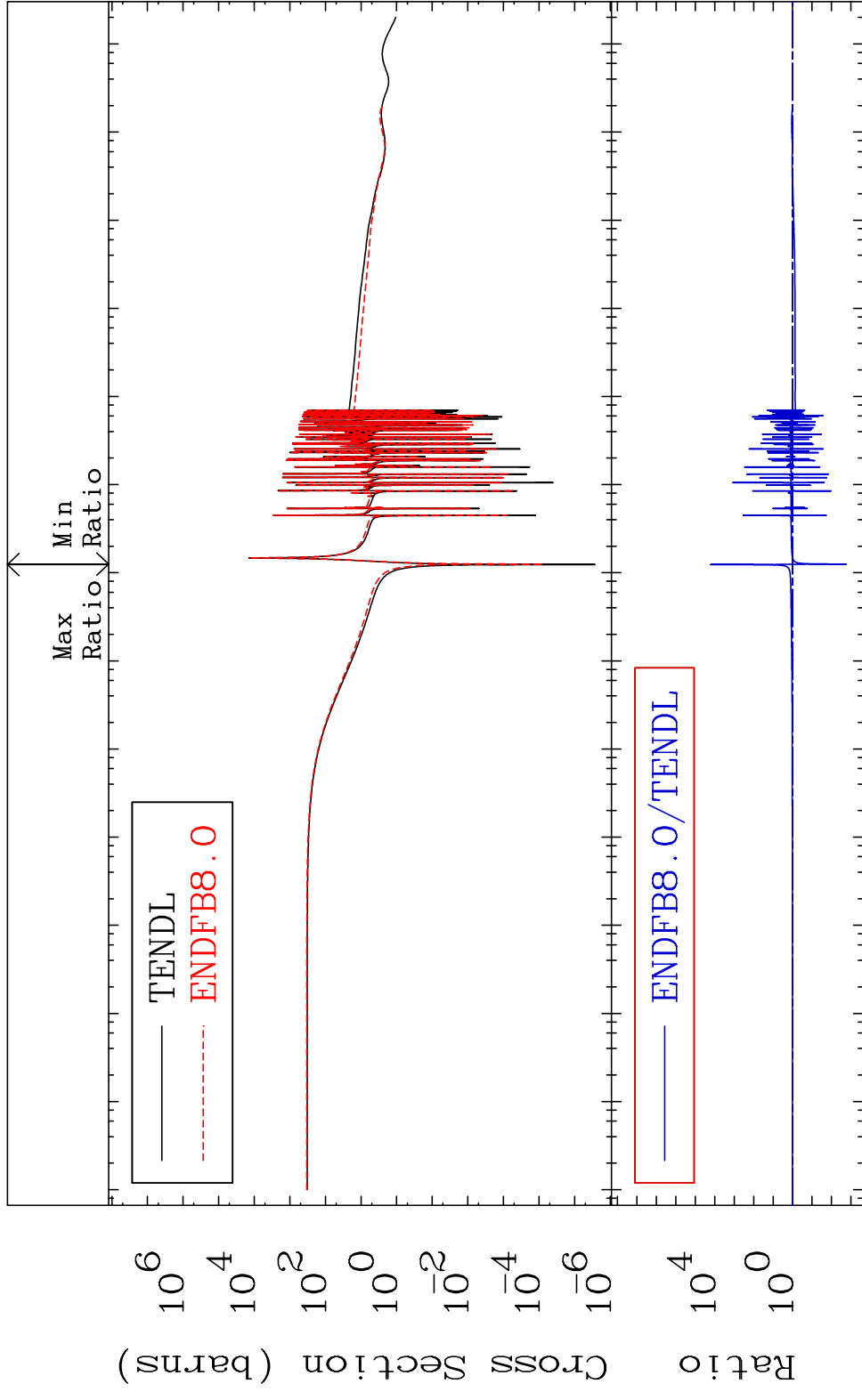
66-Dy-164

MAT 6649

Elastic

66-Dy-164

Cross Section -99.83 To 9999. %



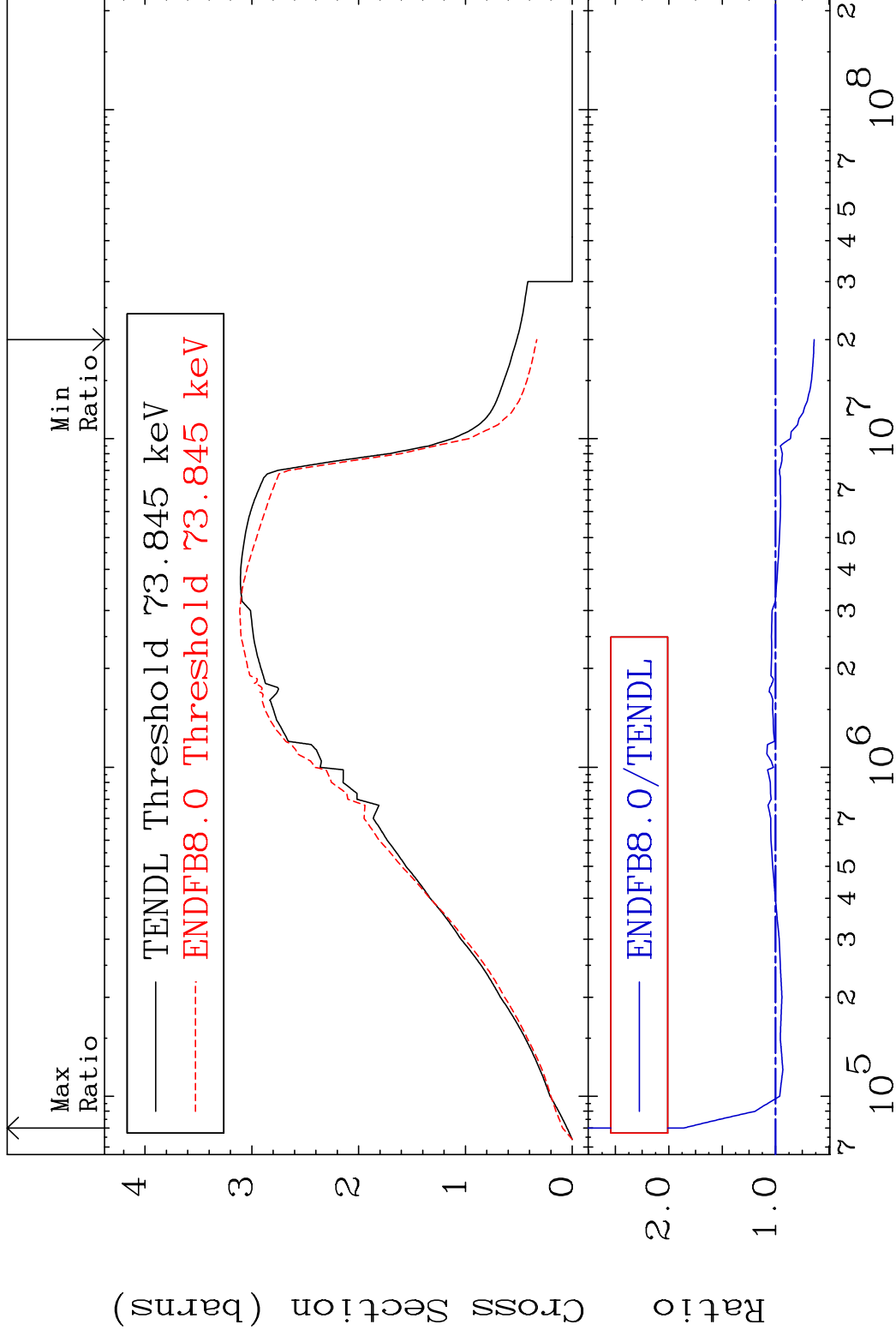
MAT 6649

Inelastic

66-Dy-164

Cross Section

-36.02 To 86.13 %



3

Incident Energy (eV)

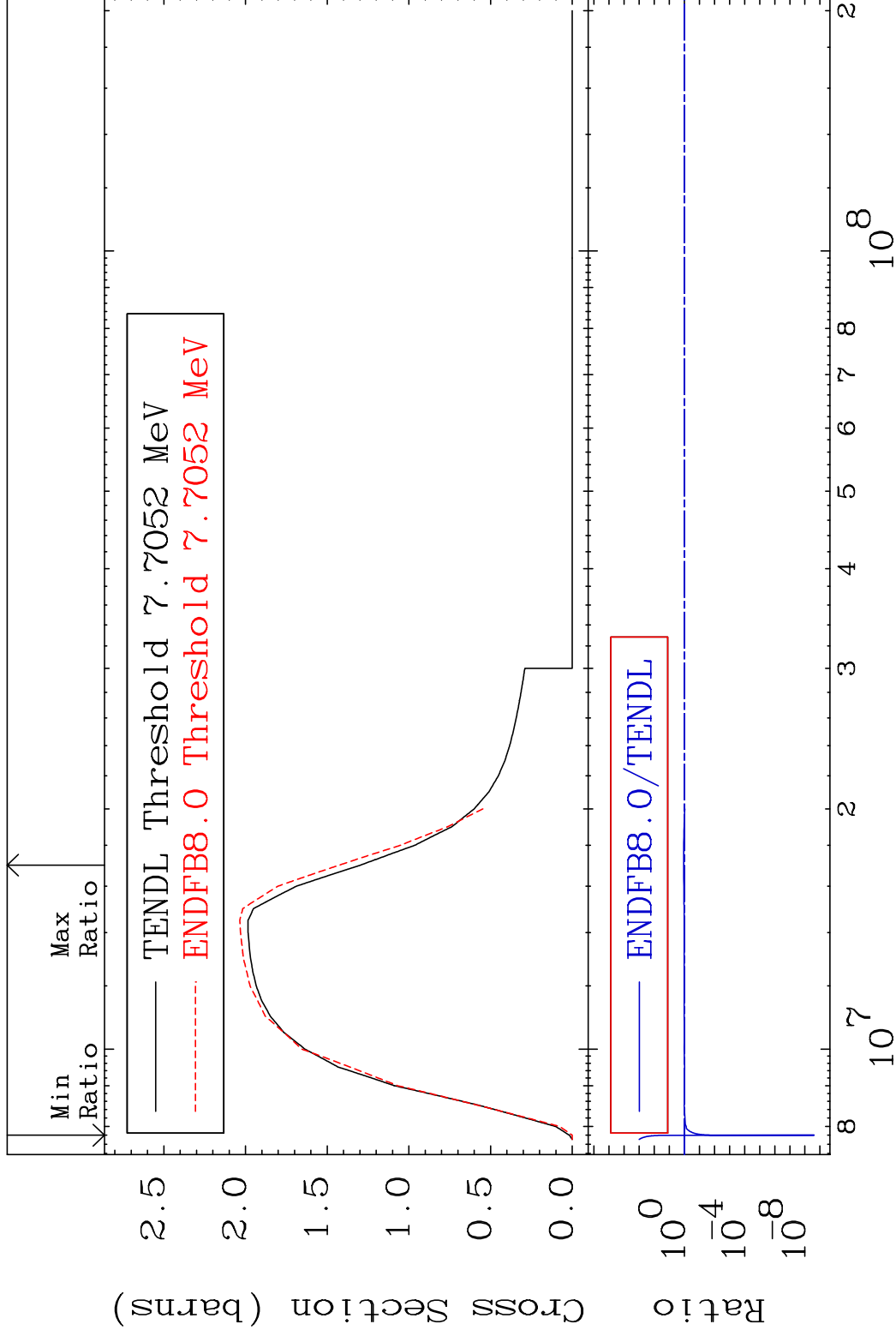
66-Dy-164

MAT 6649

(n,2n)

66-Dy-164

Cross Section -100.0 To 10.07 %



4

Incident Energy (eV)

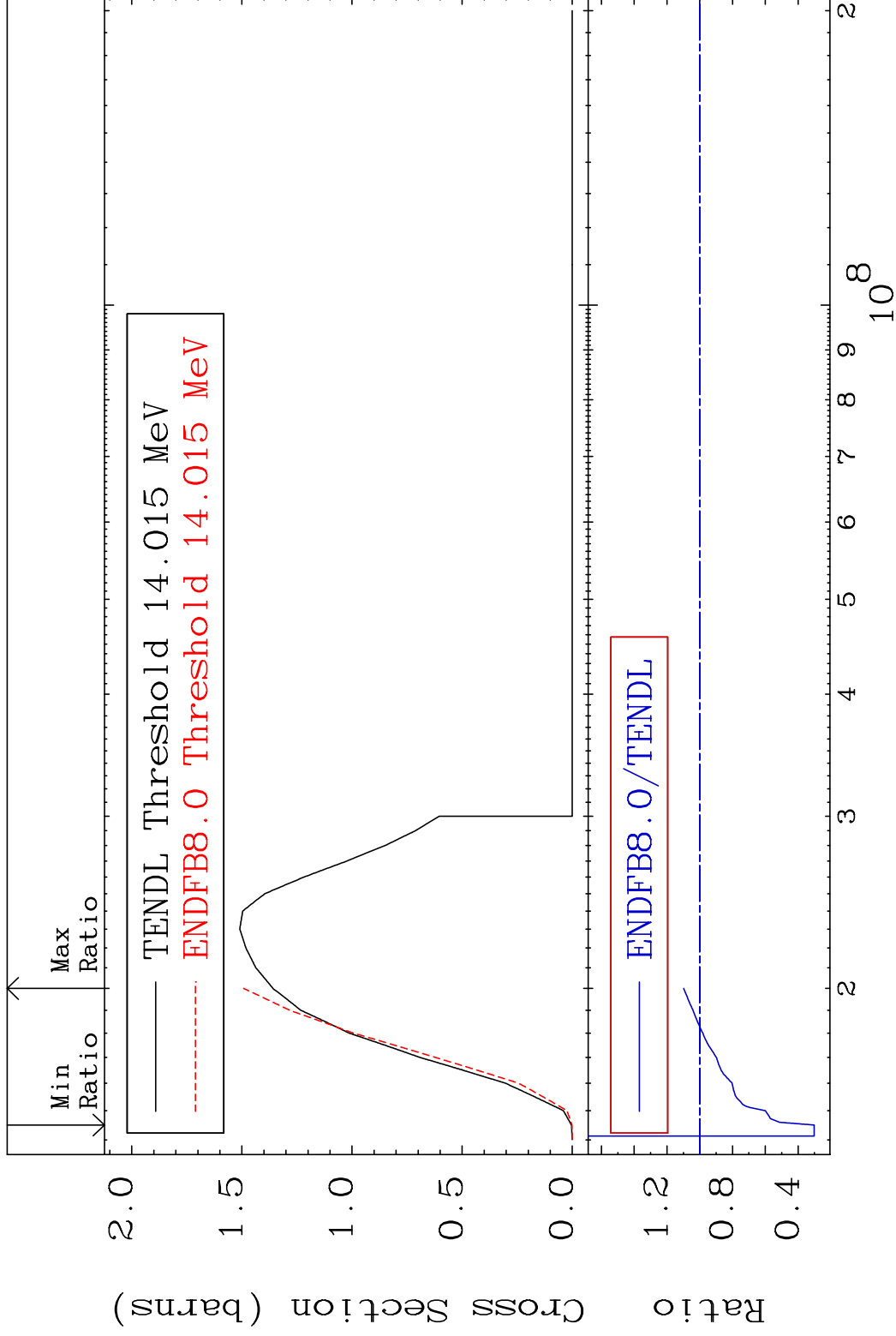
66-Dy-164

MAT 6649

(n,3n)

66-Dy-164

Cross Section -69.77 To 9.813 %

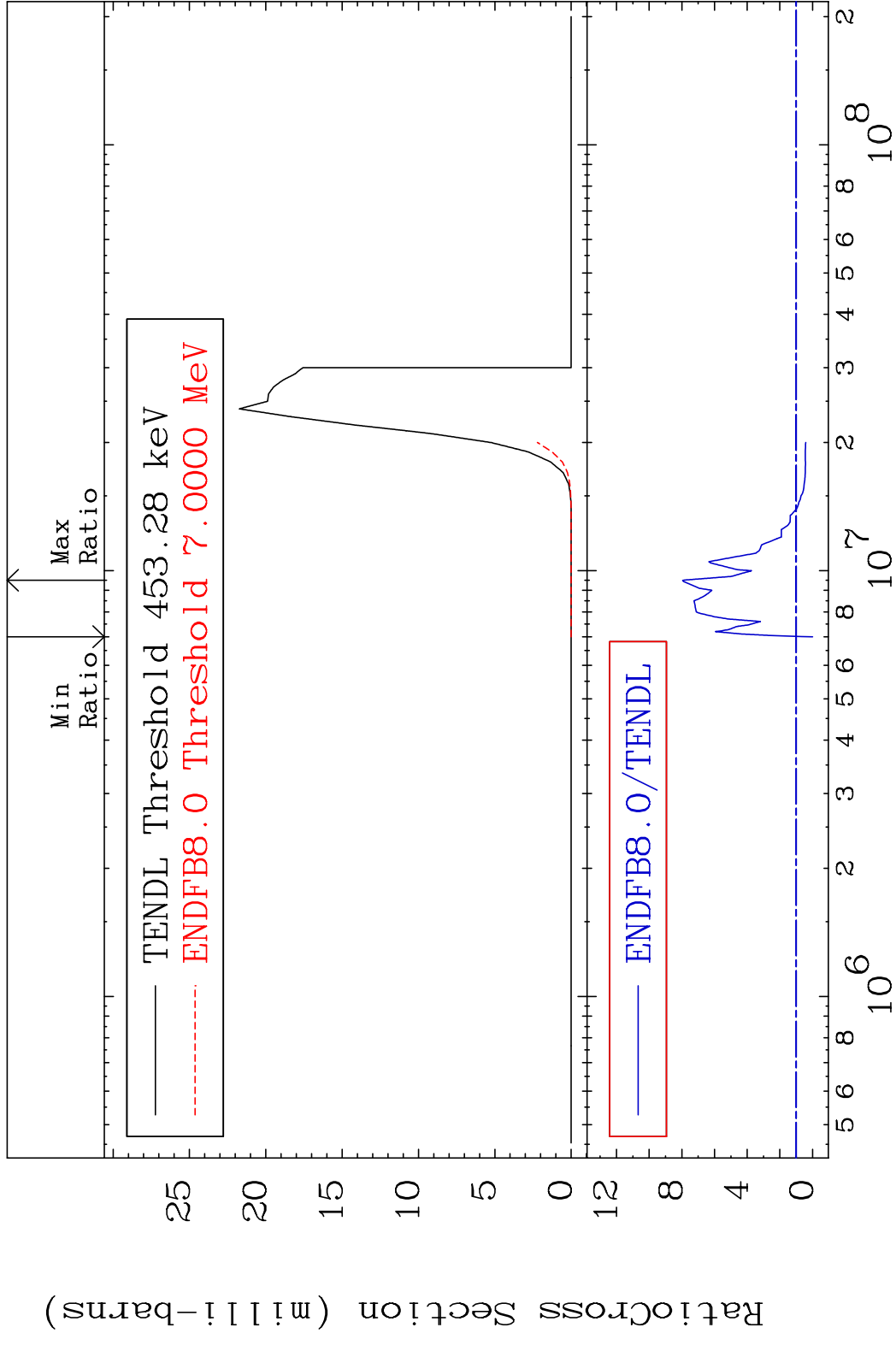


5

Incident Energy (eV)

66-Dy-164

MAT 6649 (n, n')  $\alpha$  66-Dy-164  
 Cross Section -100.0 To 696.9 %



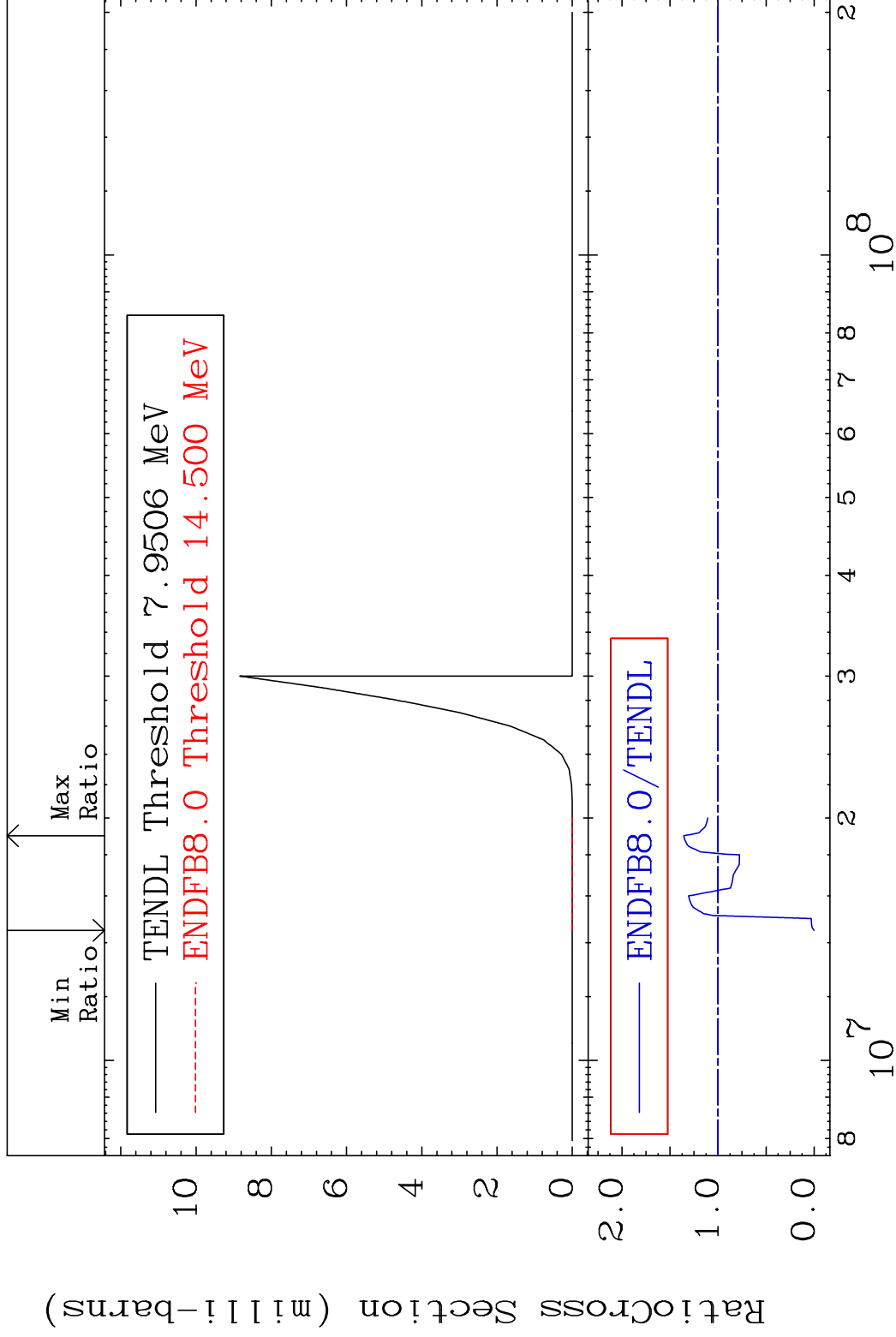
6 Incident Energy (eV) 66-Dy-164

MAT 6649

(n,2n)  $\alpha$

66-Dy-164

Cross Section -100.0 To 35.80 %



7

Incident Energy (eV)

66-Dy-164

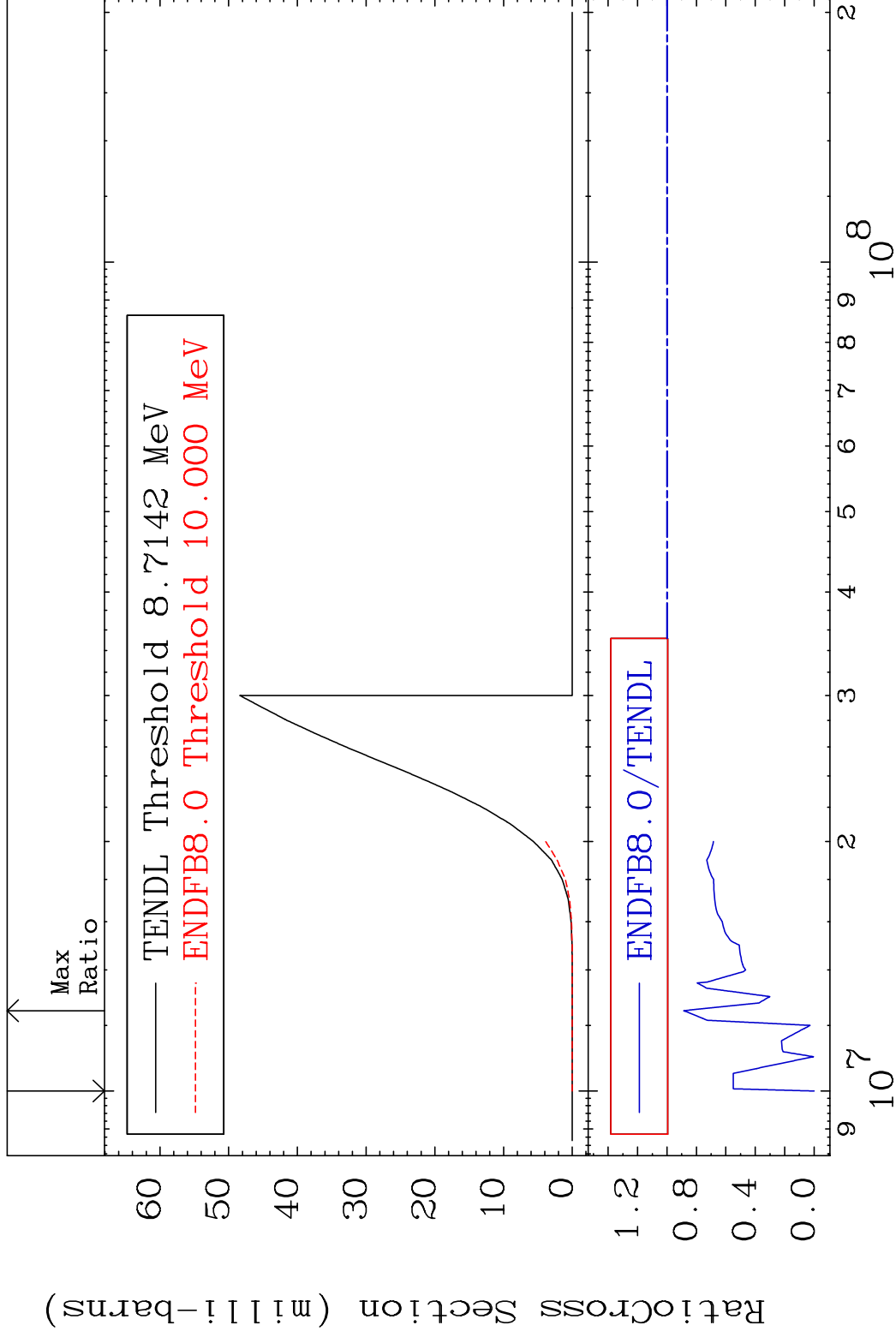


MAT 6649

(n, n') p

66-Dy-164

Cross Section -100.0 To -11.32%



8

Incident Energy (eV)

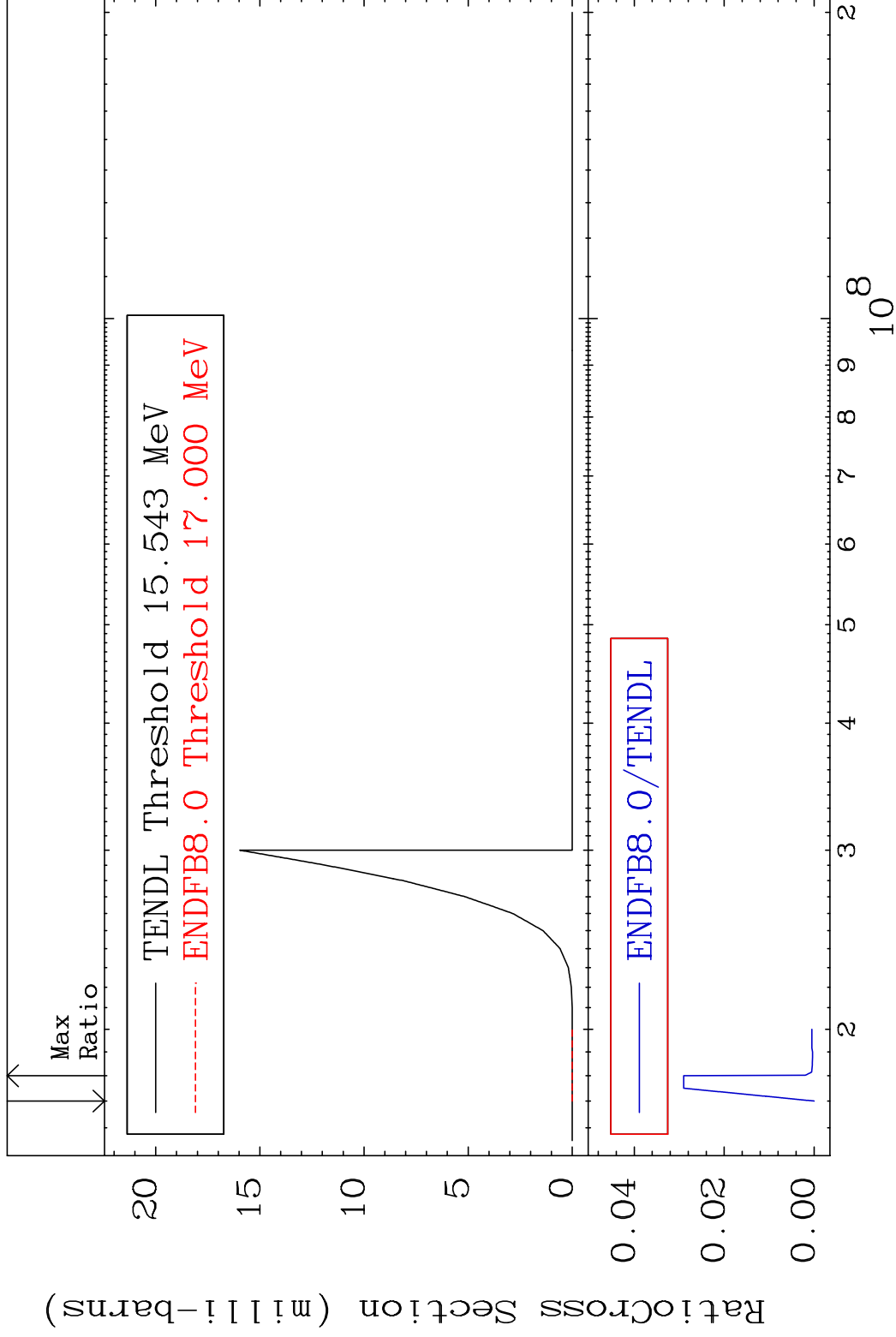
66-Dy-164

MAT 6649

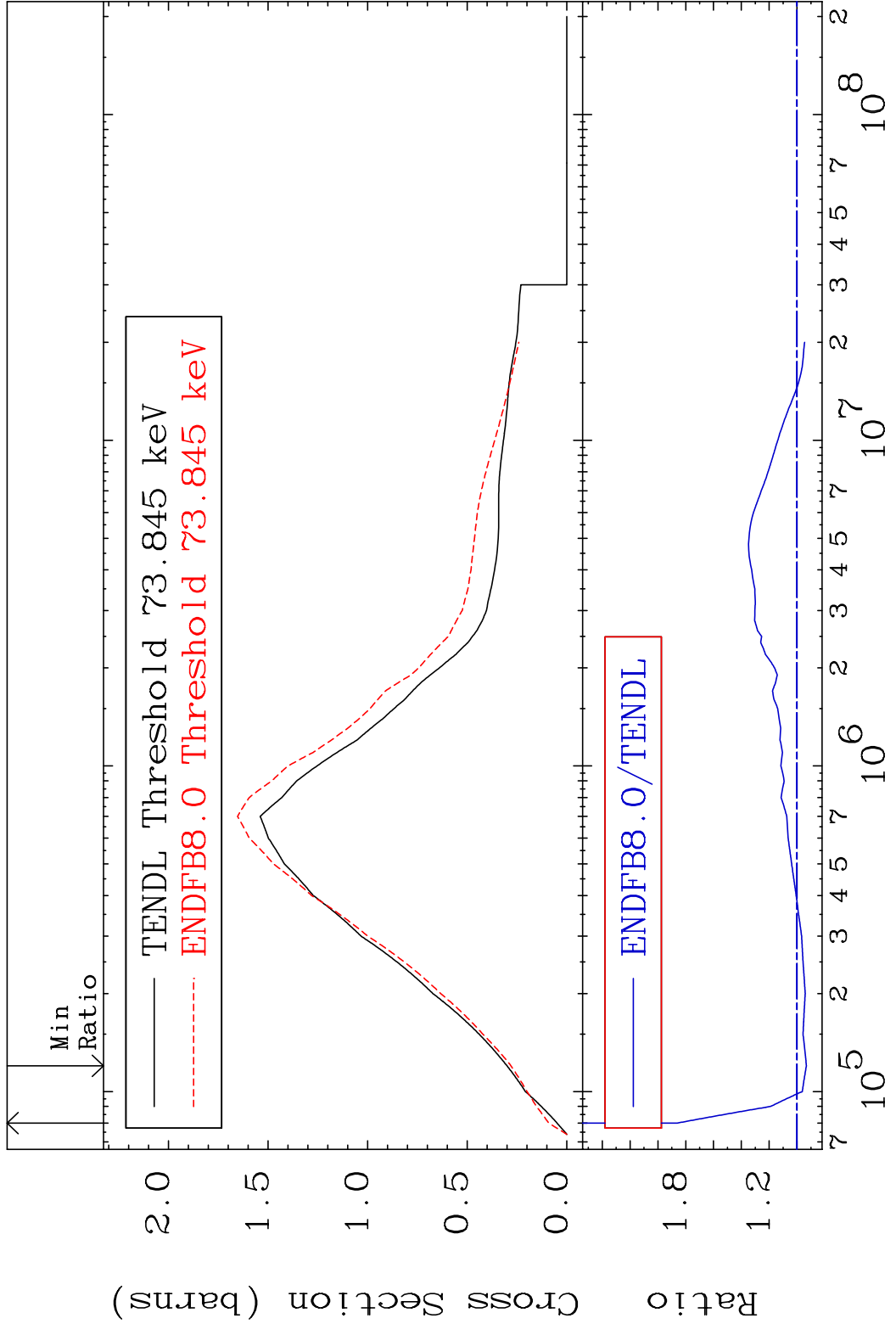
(n,2n) p

66-Dy-164

Cross Section -100.0 To -97.10%

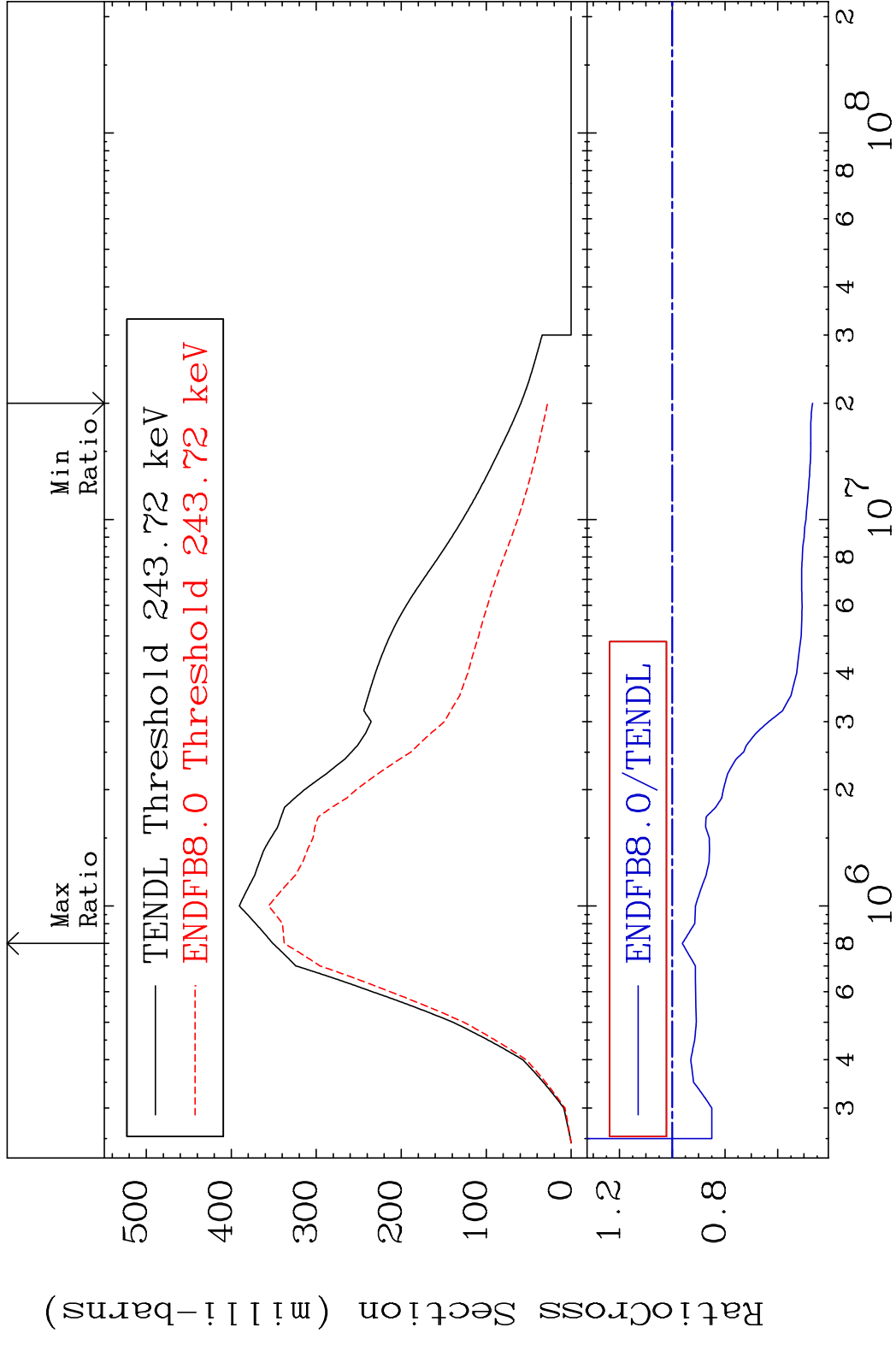


MAT 6649 MT= 51 (n, n') Level 66-Dy-164  
 Cross Section -6.735 To 86.13 %

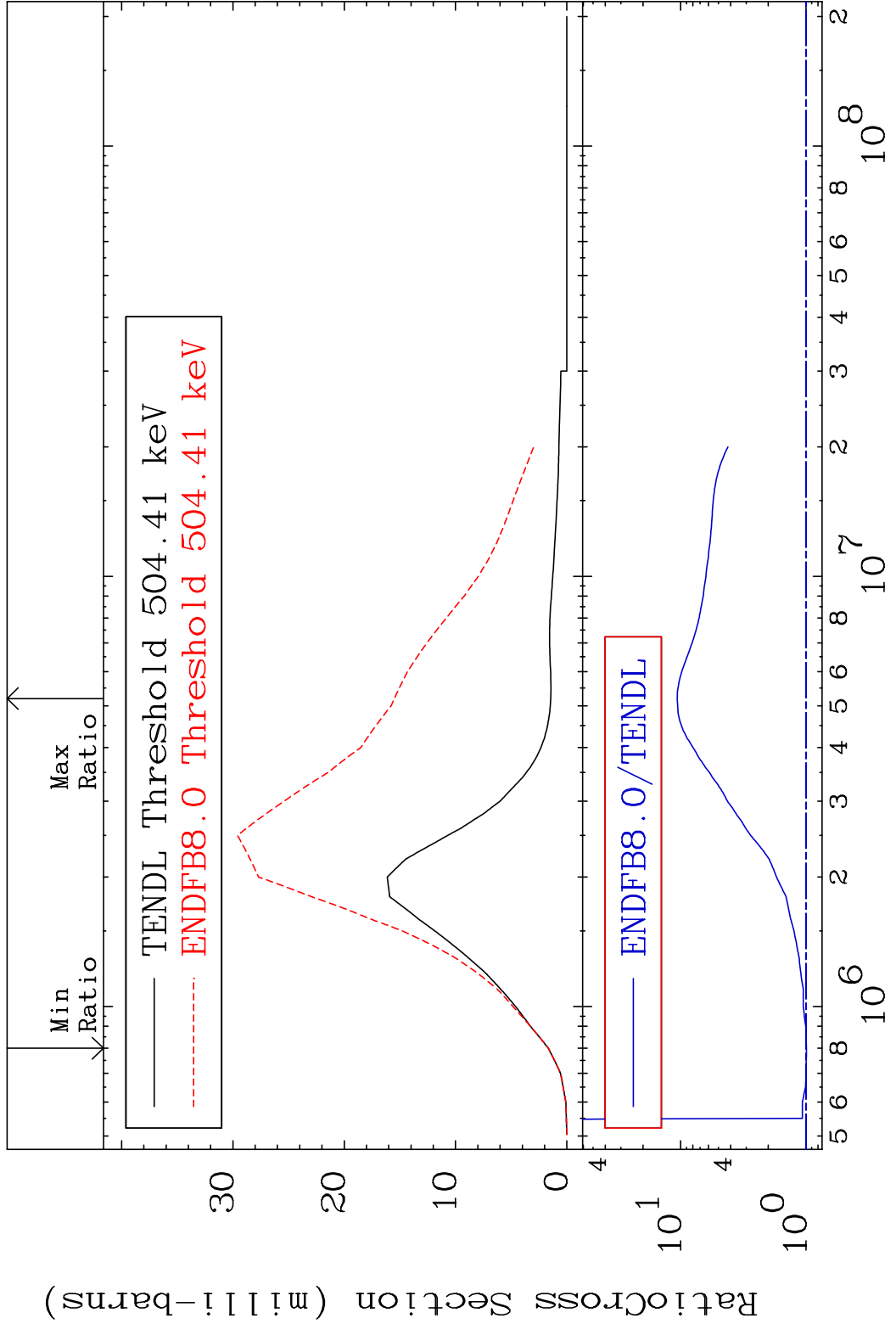


10 Incident Energy (eV) 66-Dy-164

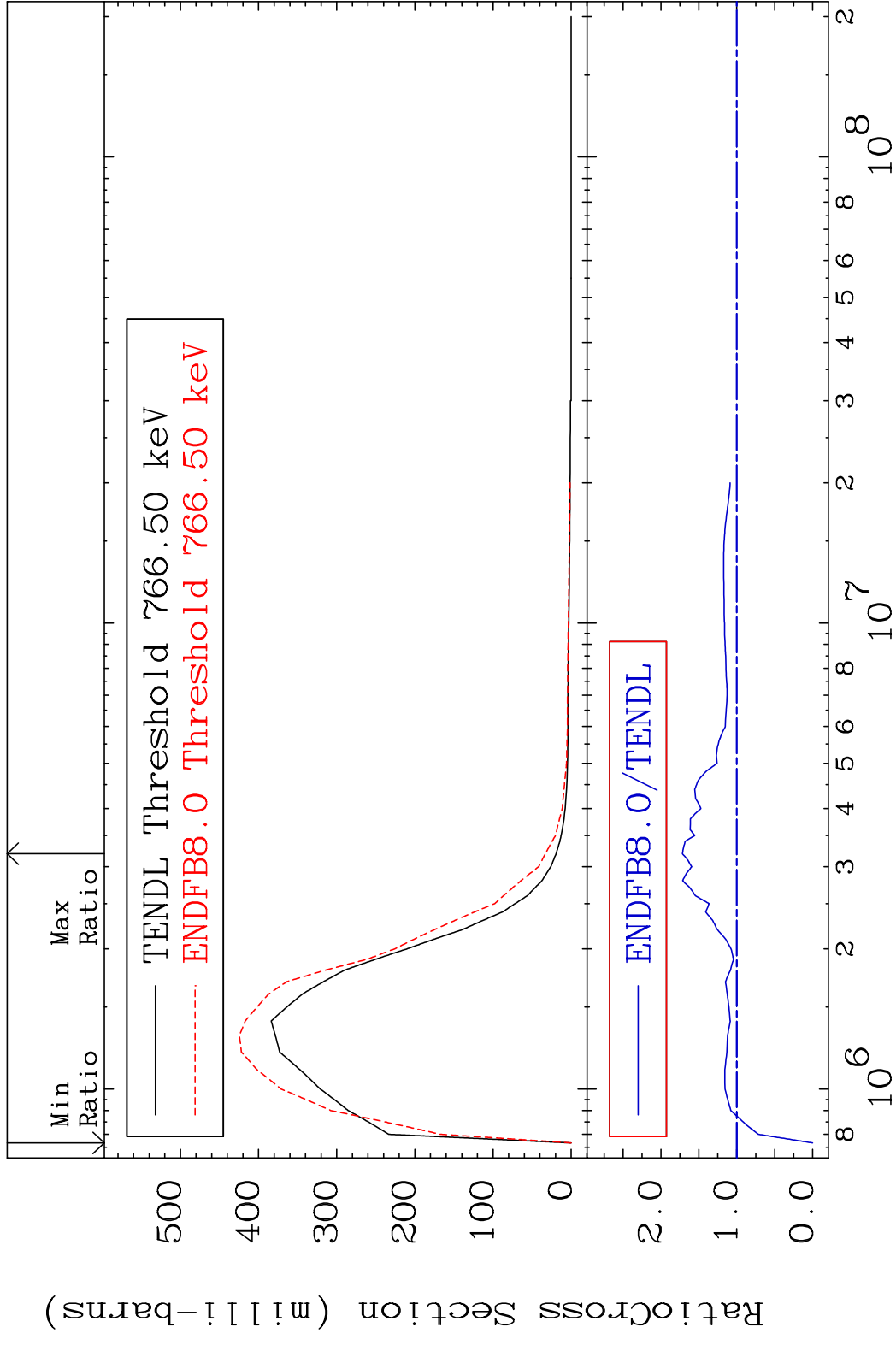
MAT 6649 MT= 52 (n, n') Level 66-Dy-164  
 Cross Section -53.23 To -3.834%



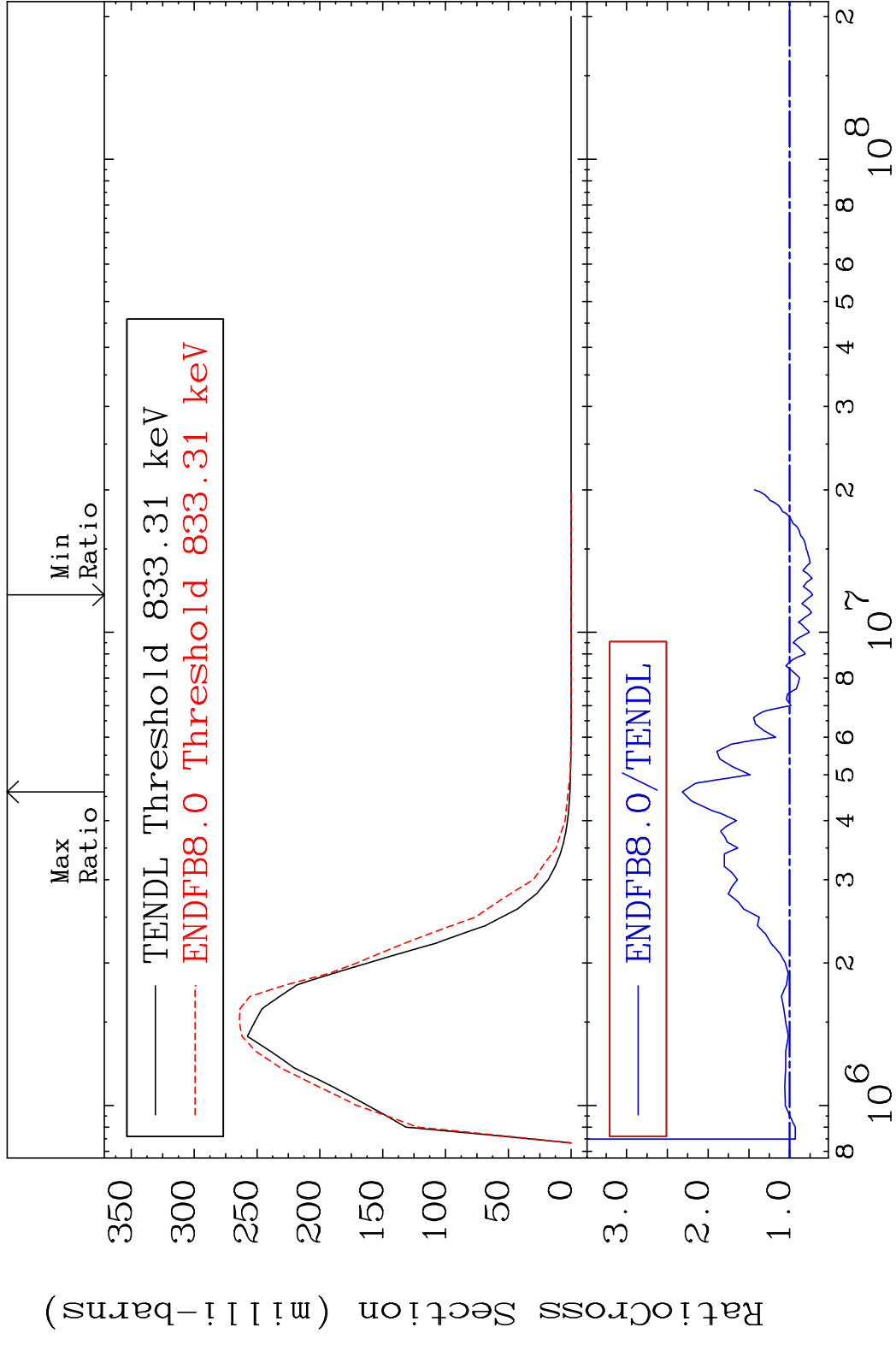
MAT 6649 MT= 53 (n, n') Level 66-Dy-164  
 Cross Section -0.804 To 966.2 %



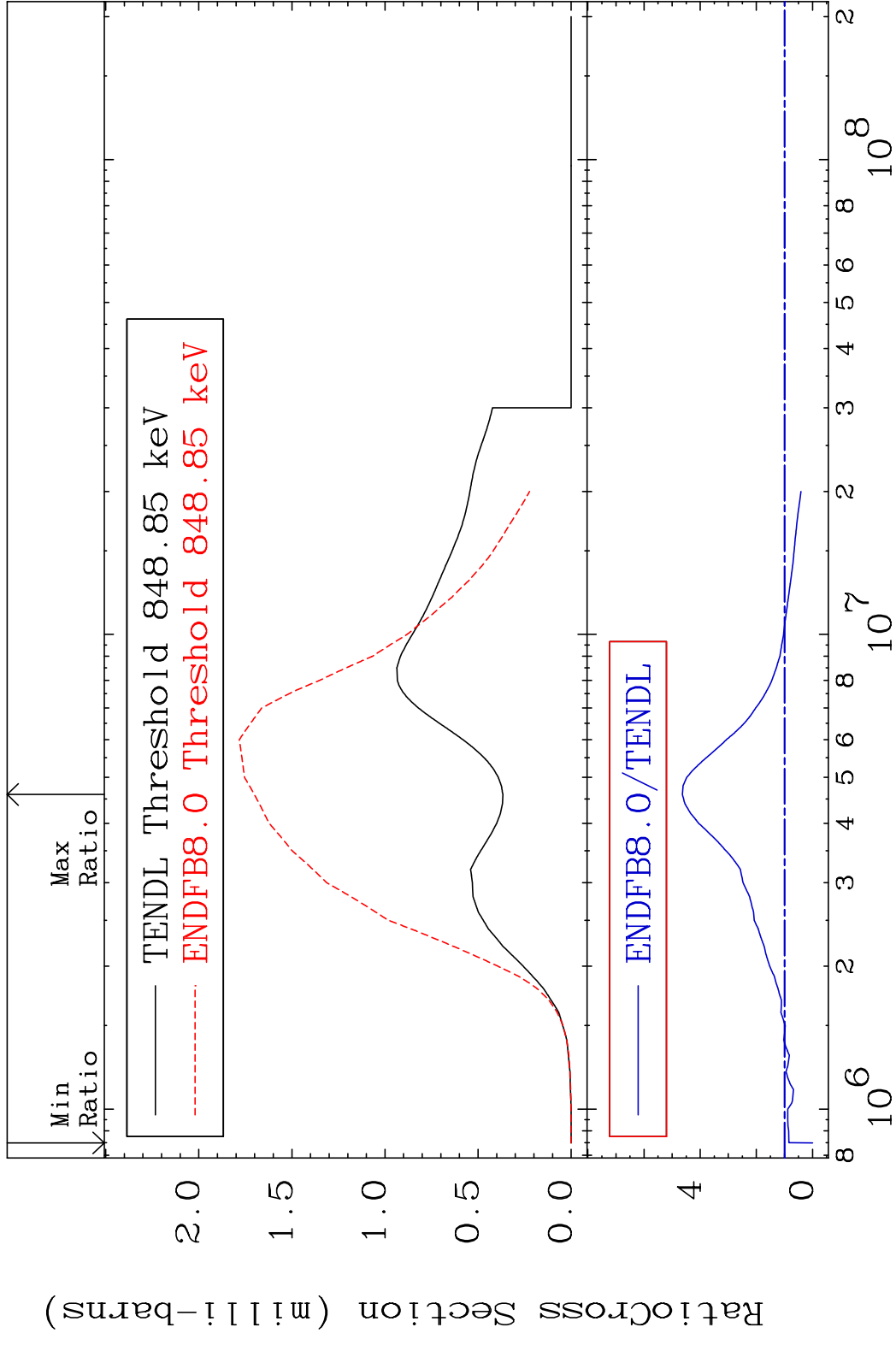
MAT 6649 MT= 54 (n, n') Level 66-Dy-164  
 Cross Section -100.0 To 71.78 %



MAT 6649 MT= 55 (n, n') Level 66-Dy-164  
 Cross Section -28.06 To 131.6 %

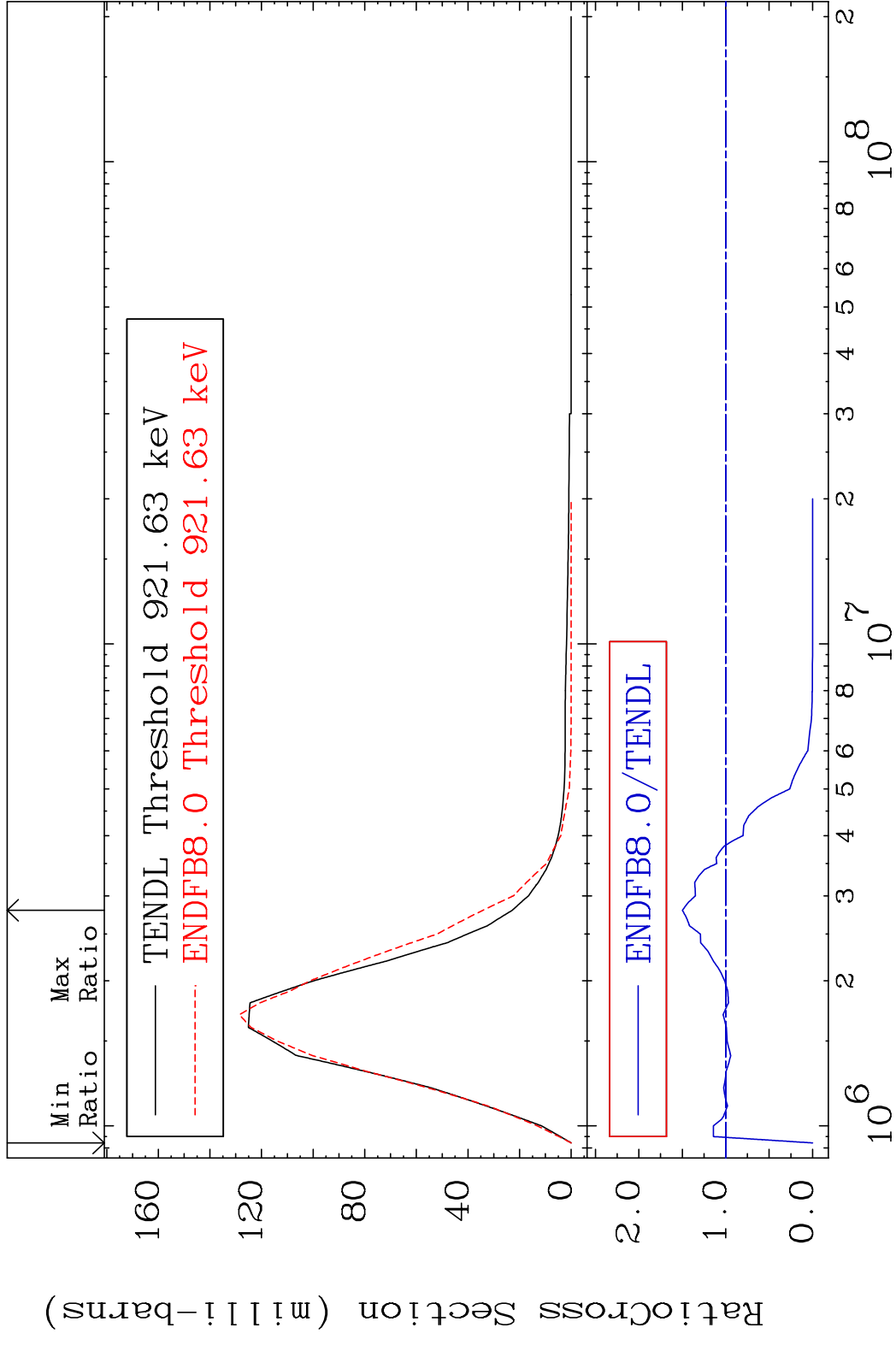


MAT 6649 MT= 56 (n, n') Level 66-Dy-164  
 Cross Section -100.0 To 363.5 %

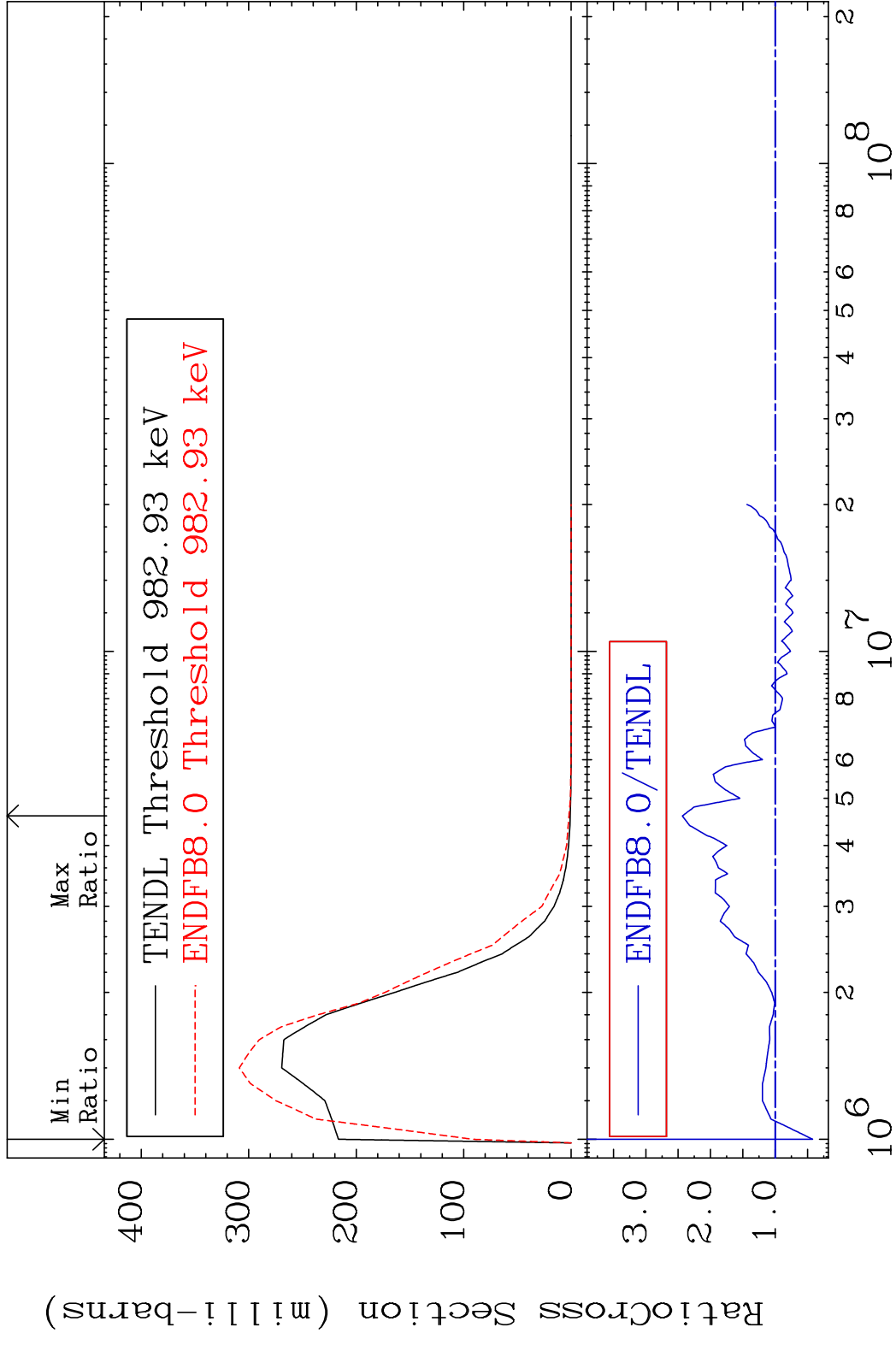




MAT 6649 MT= 57 (n, n') Level 66-Dy-164  
 Cross Section -100.0 To 49.95 %

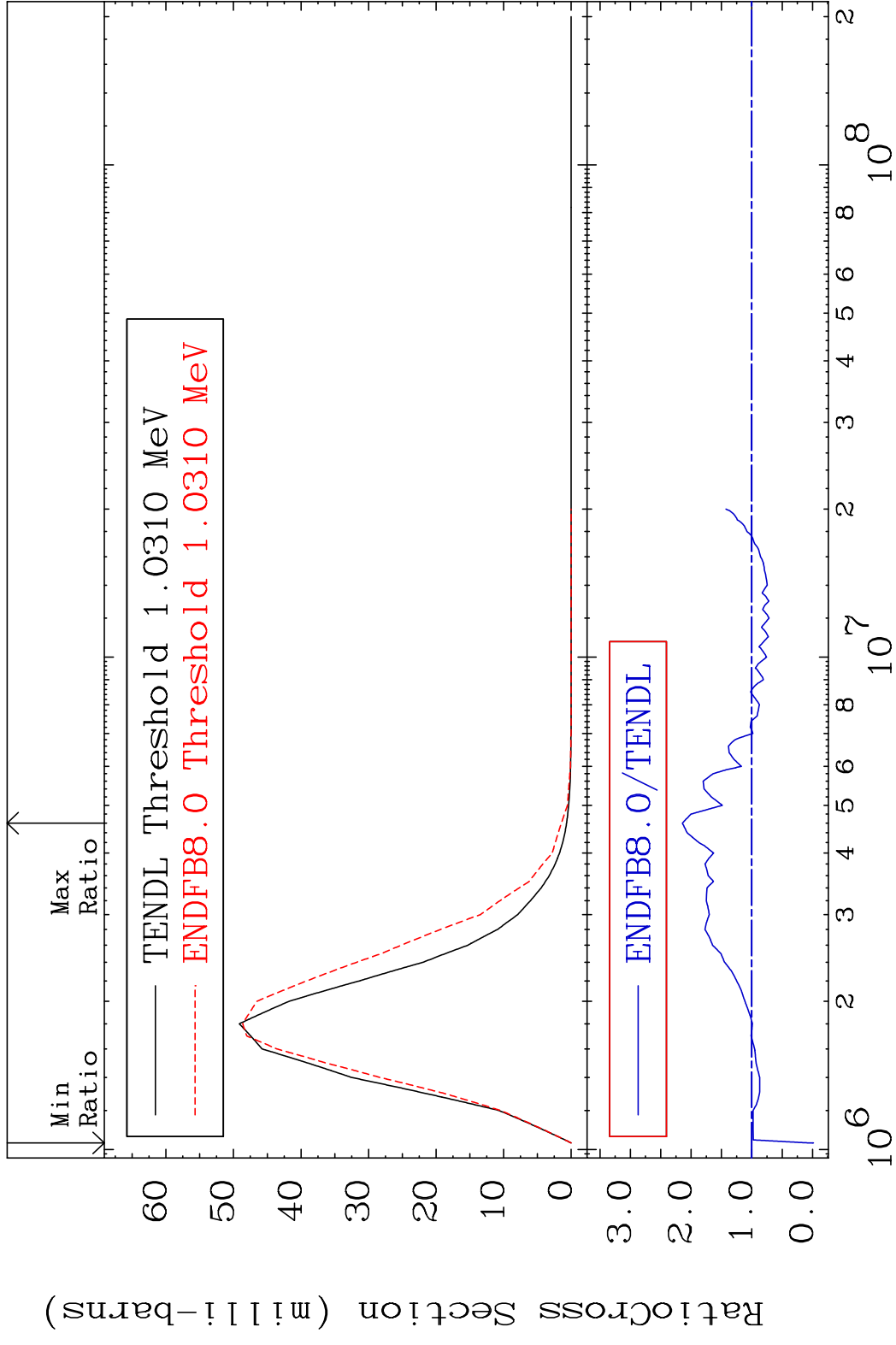


MAT 6649 MT= 58 (n, n') Level 66-Dy-164  
 Cross Section -57.58 To 143.5 %



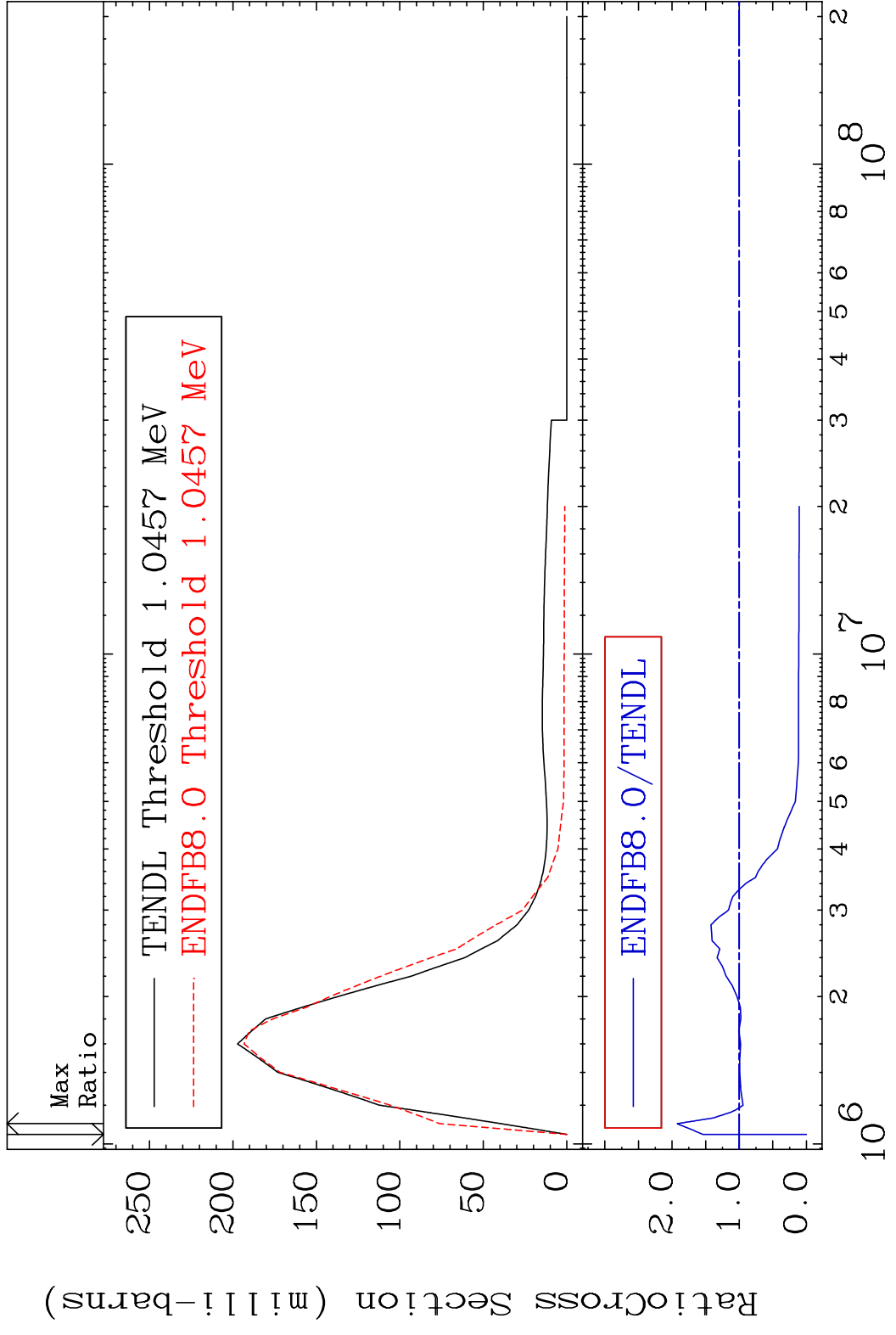
17 Incident Energy (eV) 66-Dy-164

MAT 6649 MT= 59 (n, n') Level 66-Dy-164  
 Cross Section -100.0 To 114.4 %



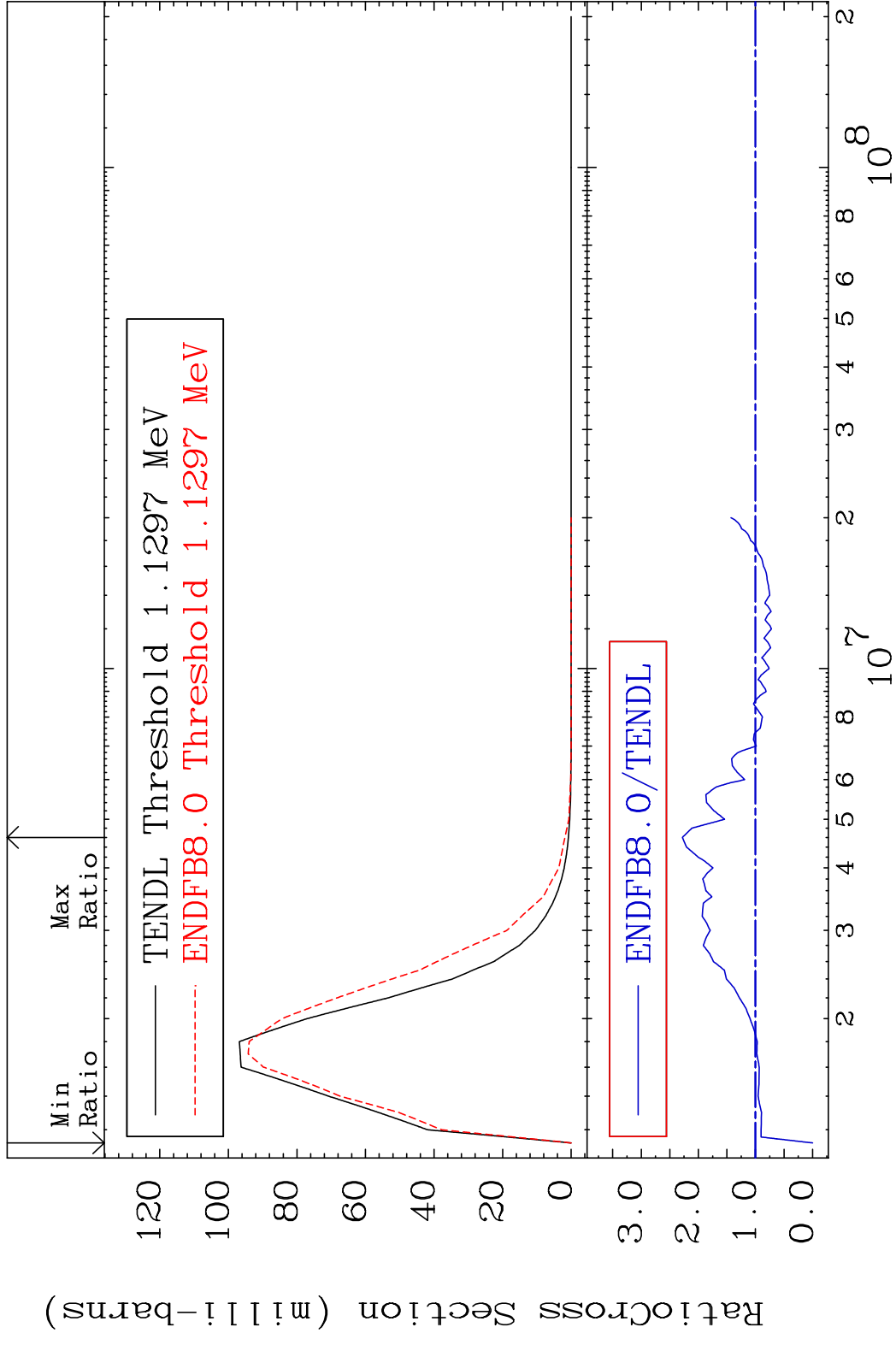
18 Incident Energy (eV) 66-Dy-164

MAT 6649 MT= 60 (n, n') Level 66-Dy-164  
 Cross Section -100.0 To 92.38 %

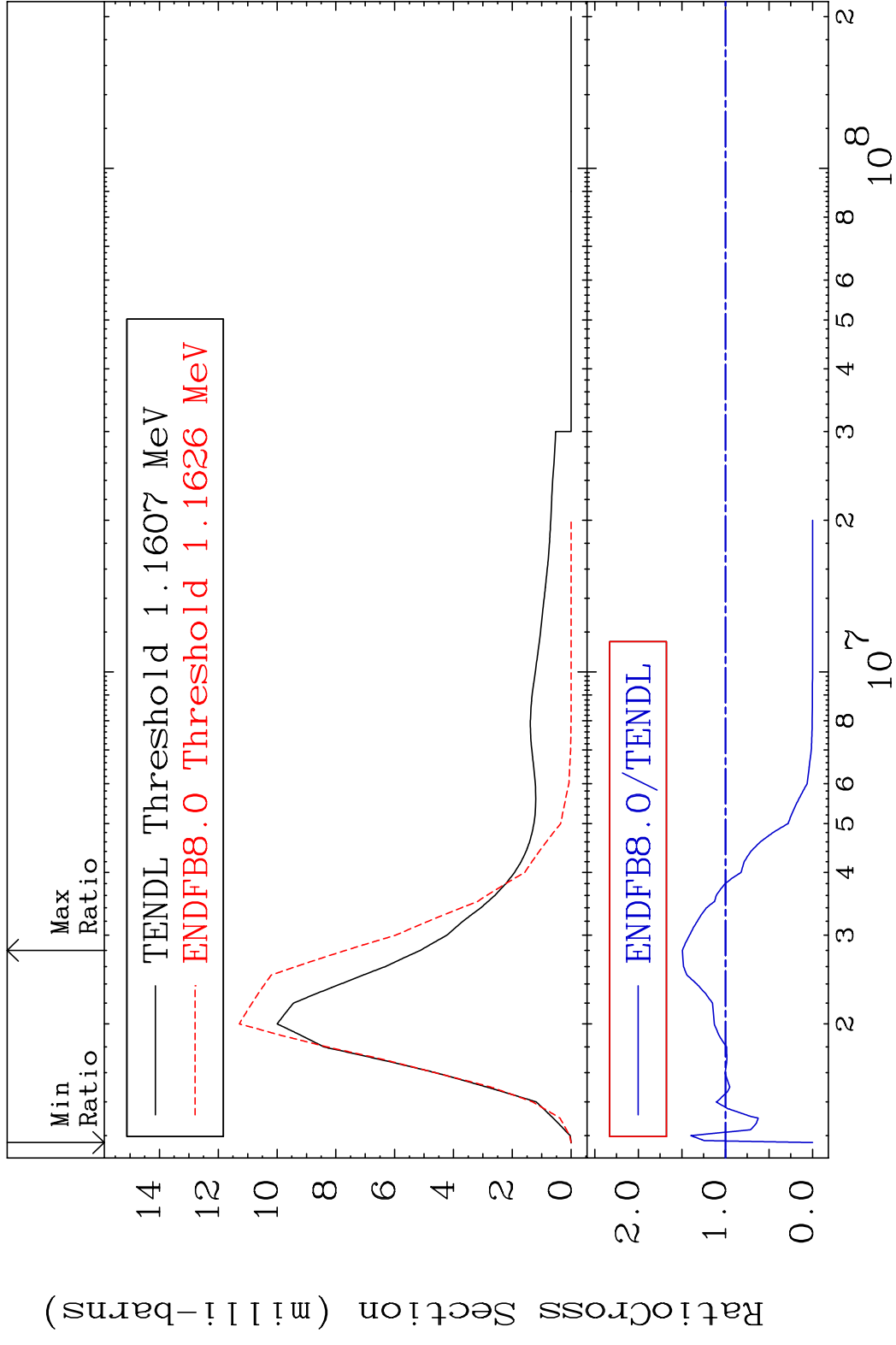


19 Incident Energy (eV) 66-Dy-164

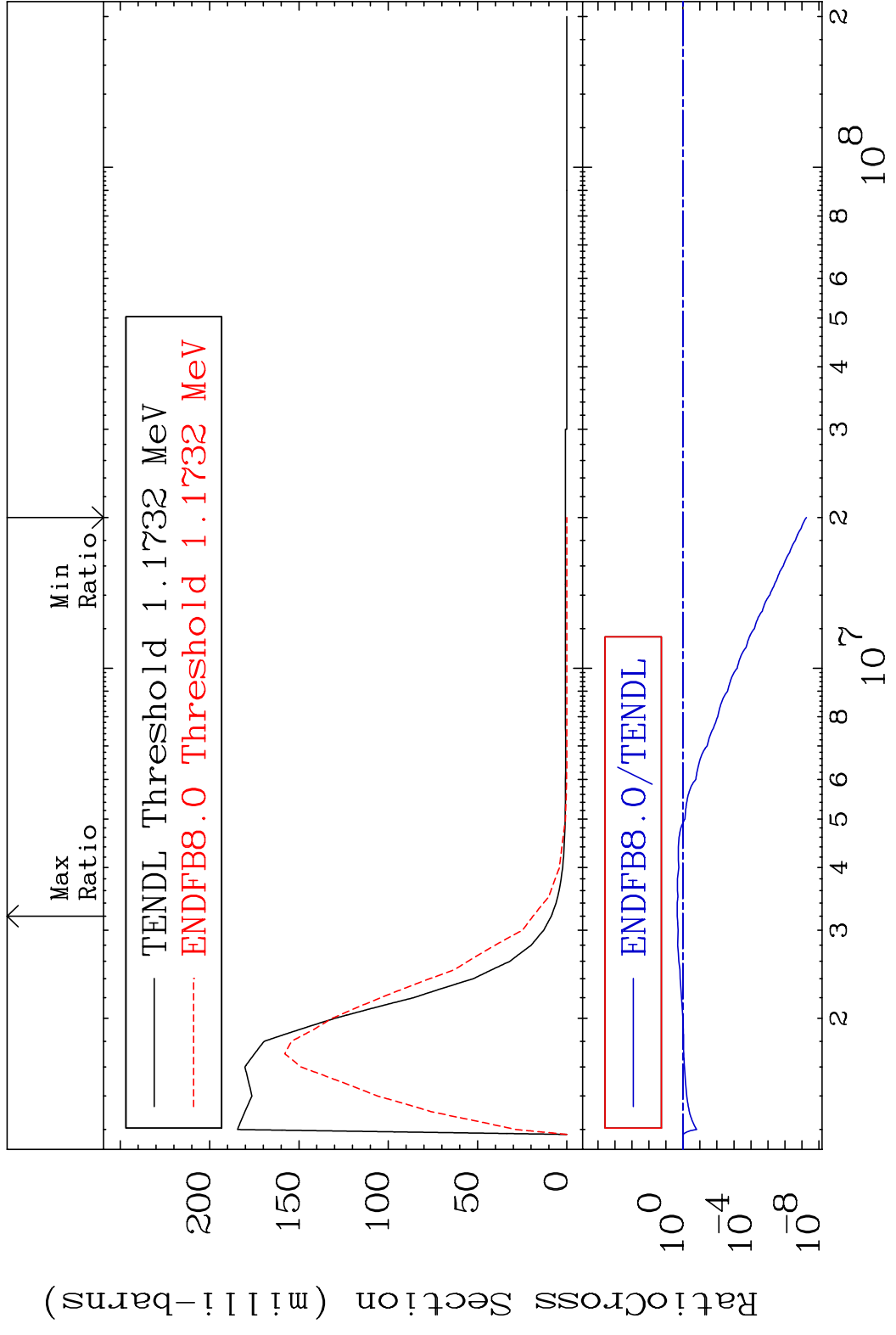
MAT 6649 MT= 61 (n, n') Level 66-Dy-164  
 Cross Section -100.0 To 128.0 %



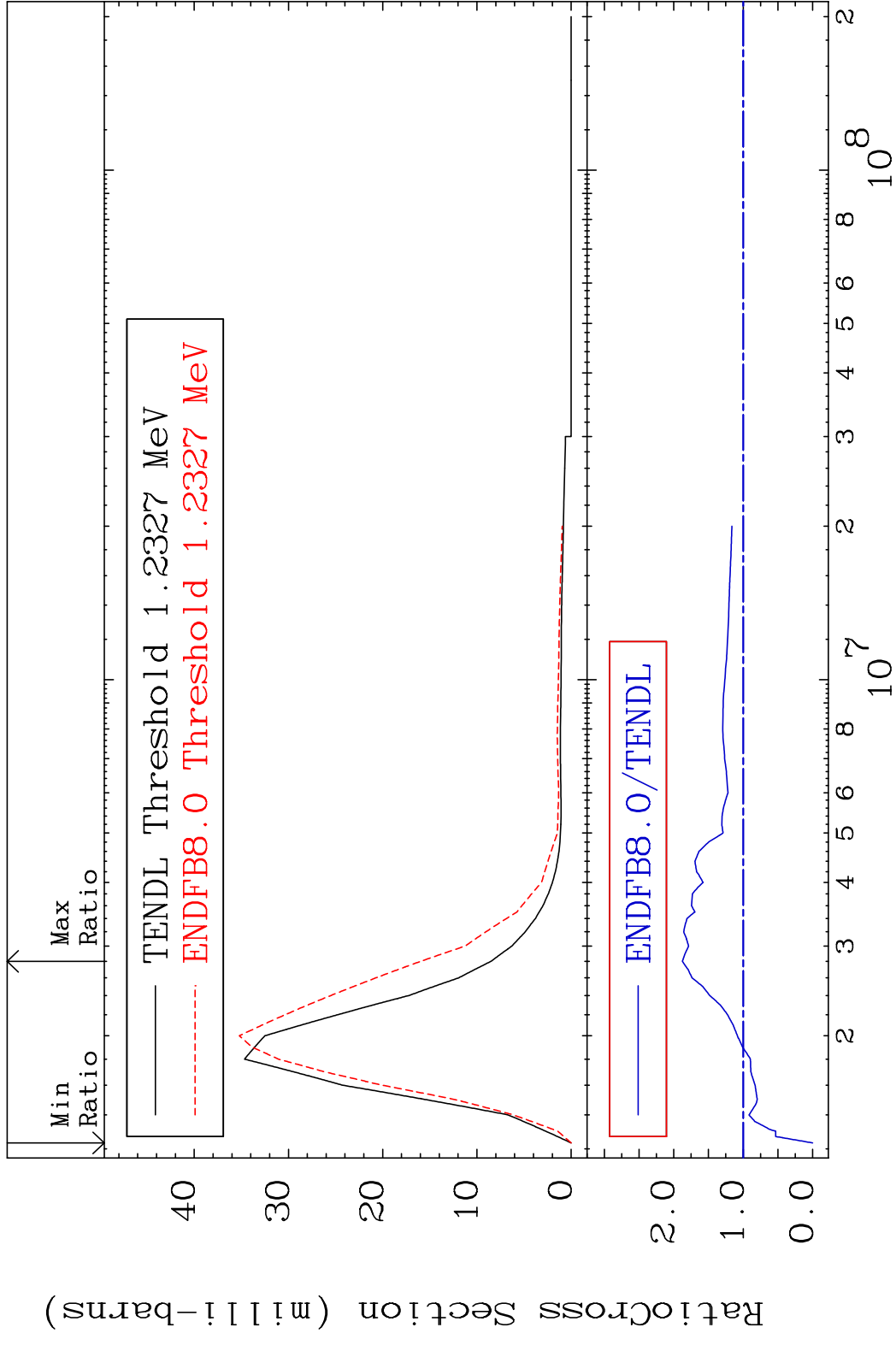
MAT 6649 MT= 62 (n, n') Level 66-Dy-164  
 Cross Section -100.0 To 49.44 %



MAT 6649 MT= 63 (n, n') Level 66-Dy-164  
 Cross Section -100.0 To 117.4 %

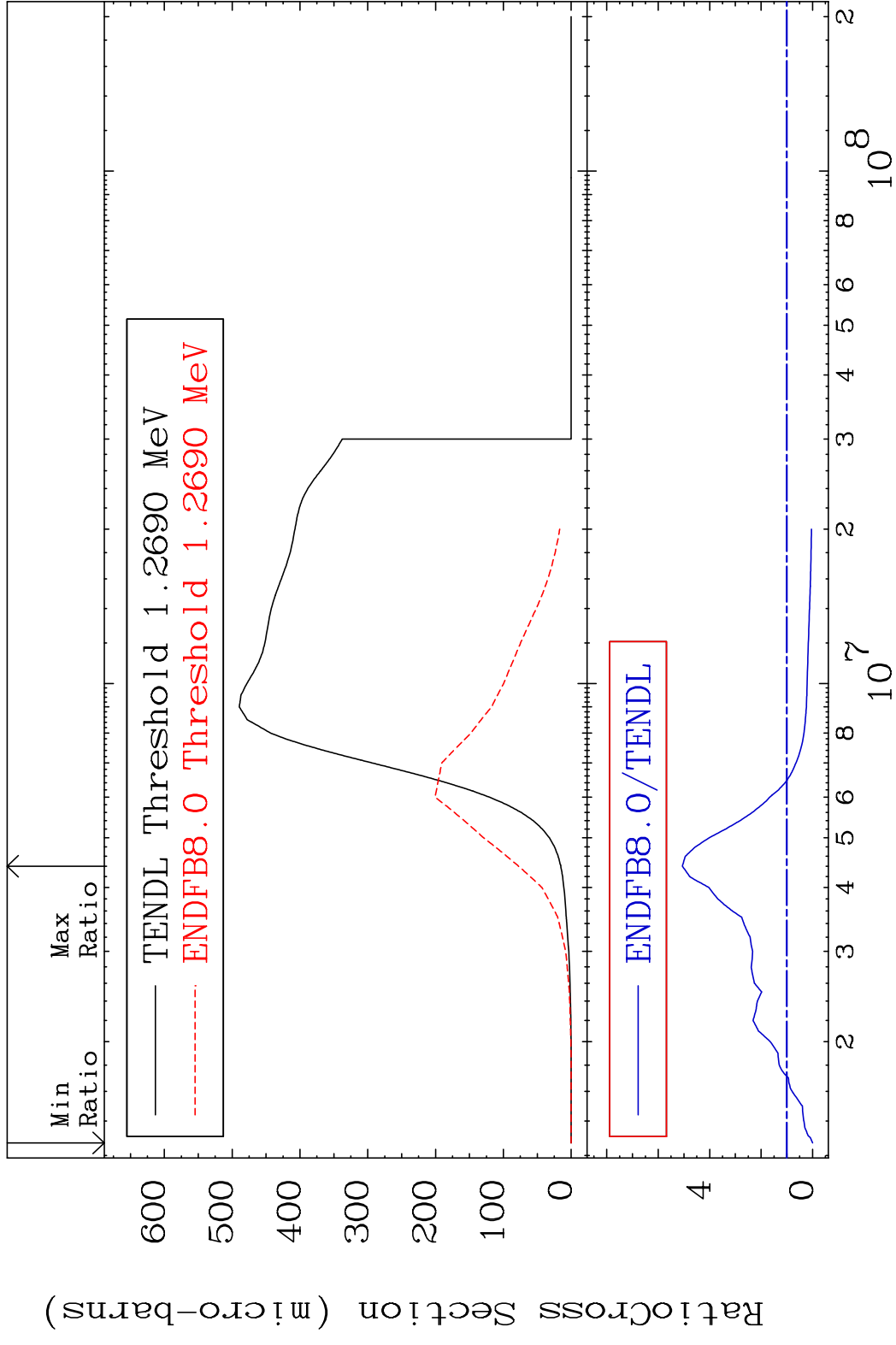


MAT 6649      MT= 64 (n, n') Level      66-Dy-164  
 Cross Section    -100.0 To 87.66 %

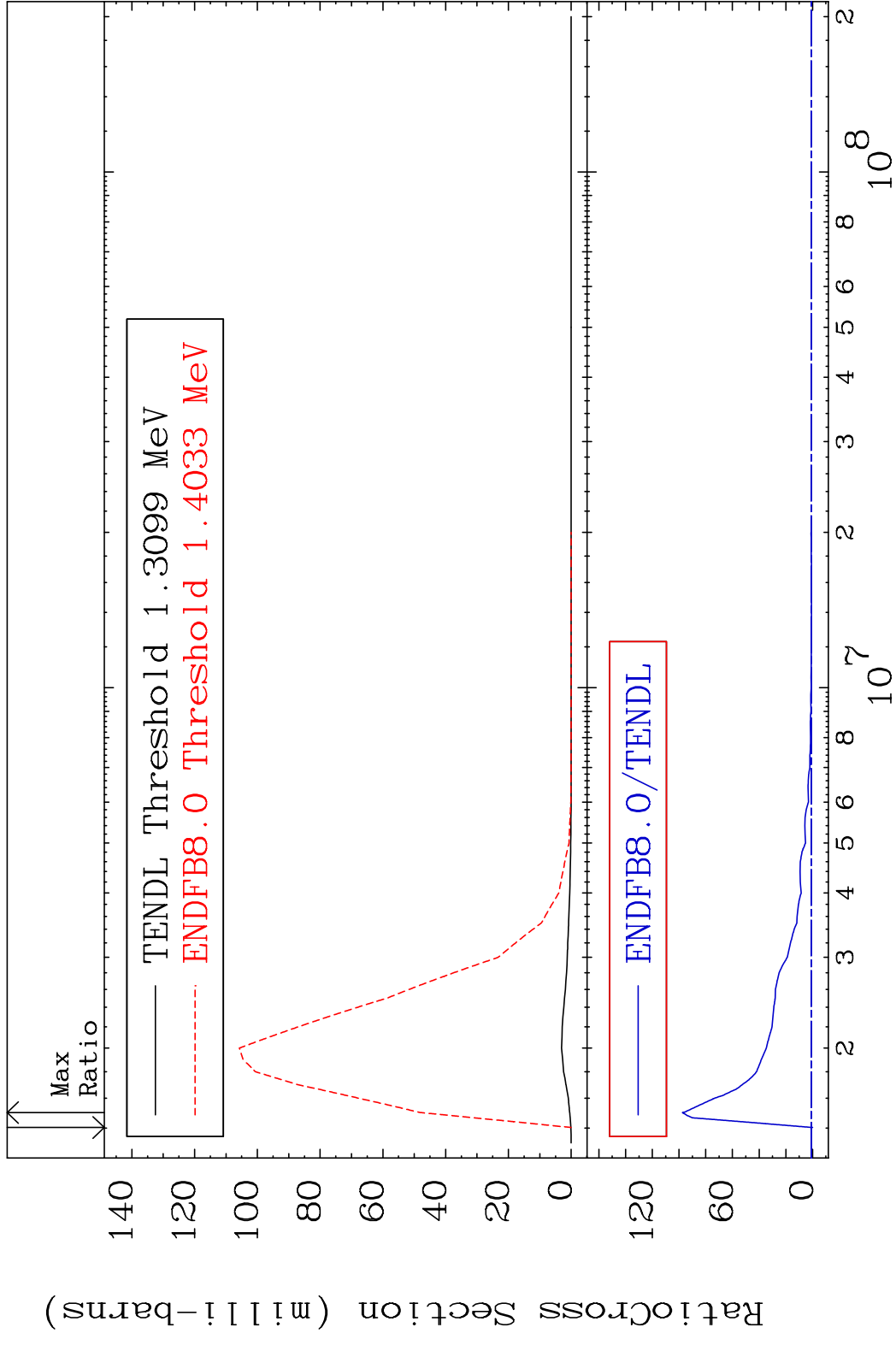




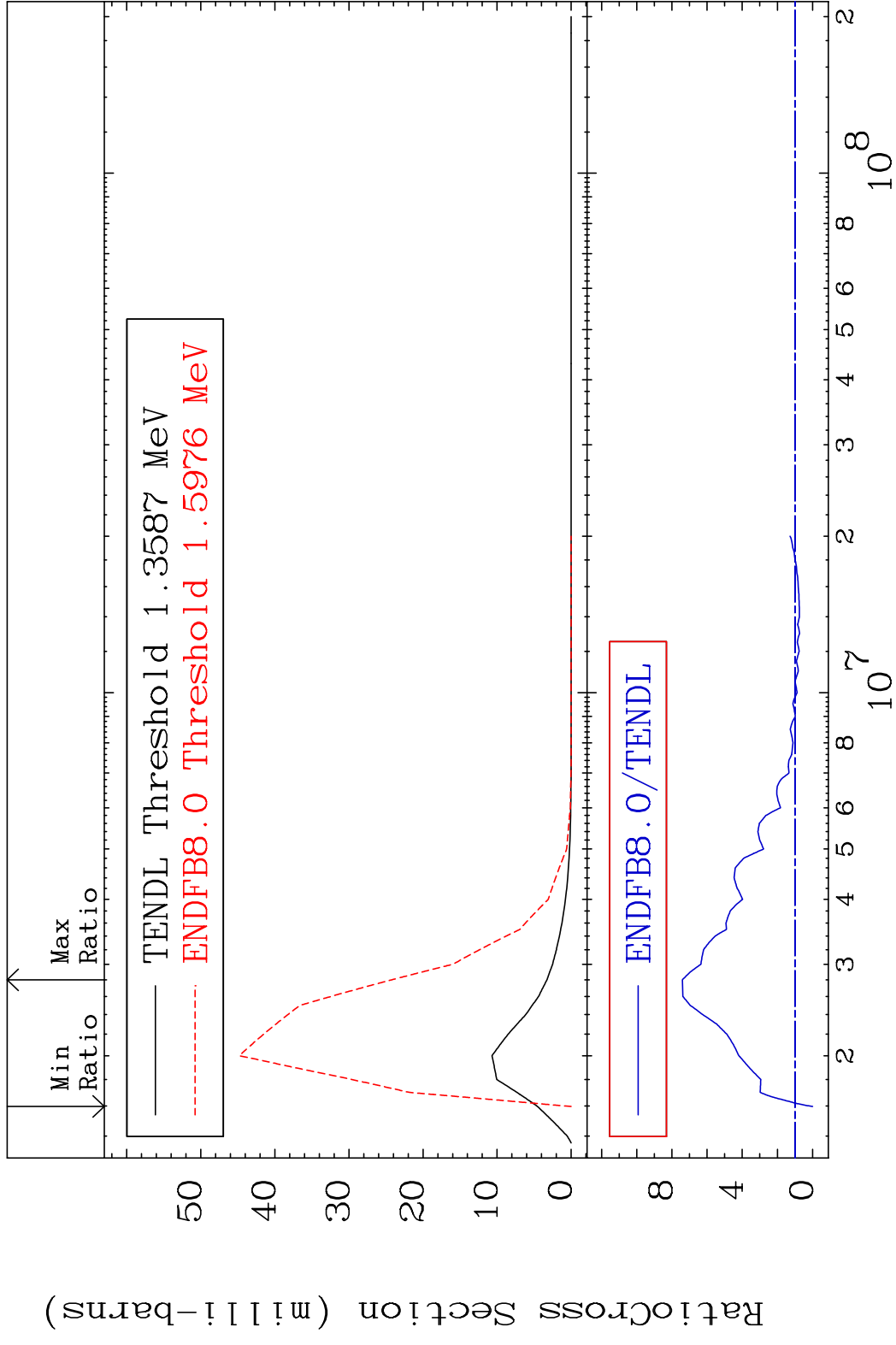
MAT 6649 MT= 65 (n, n') Level 66-Dy-164  
 Cross Section -100.0 To 406.1 %



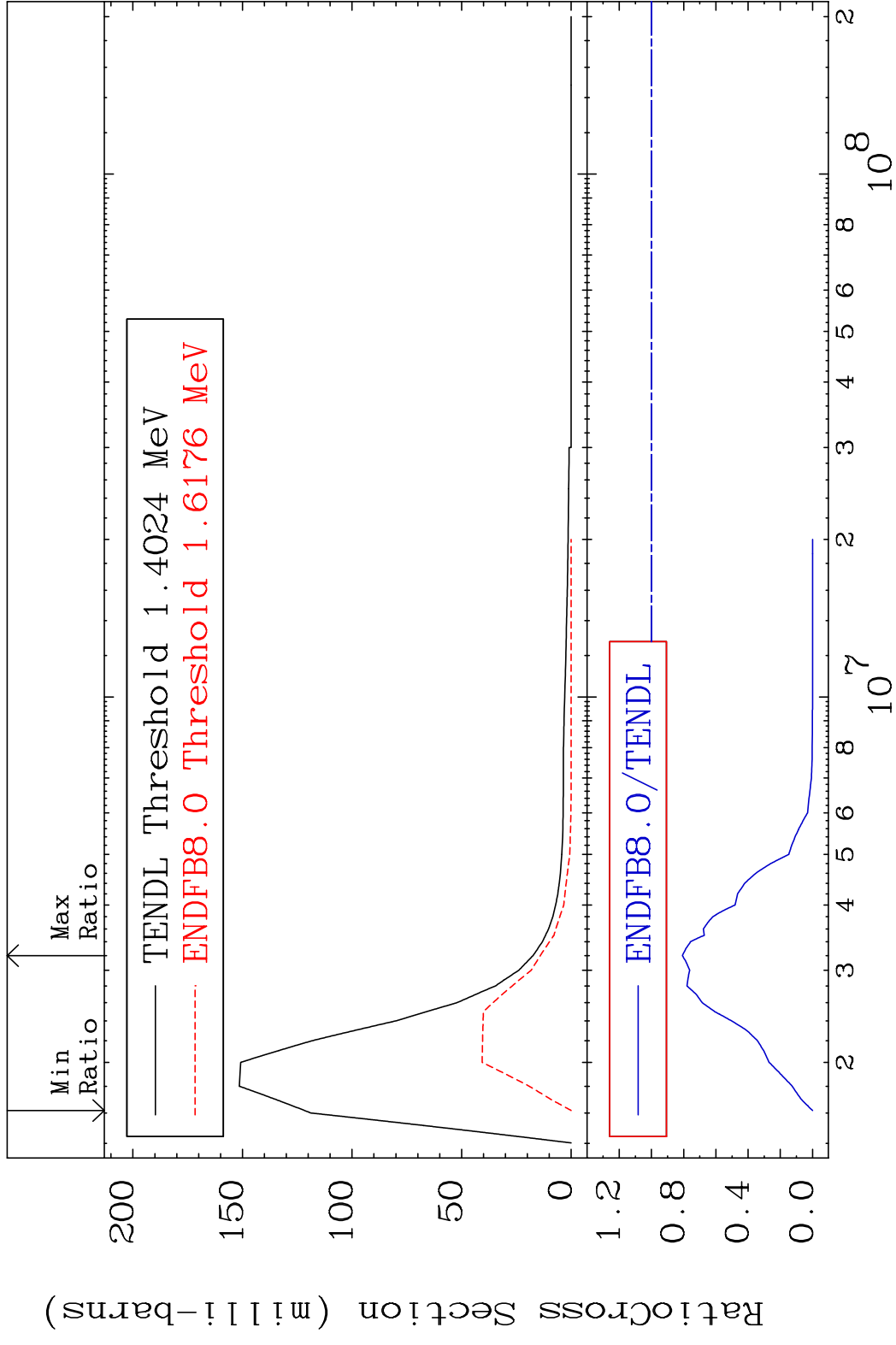
MAT 6649 MT= 66 (n, n') Level 66-Dy-164  
 Cross Section -100.0 To 9650. %



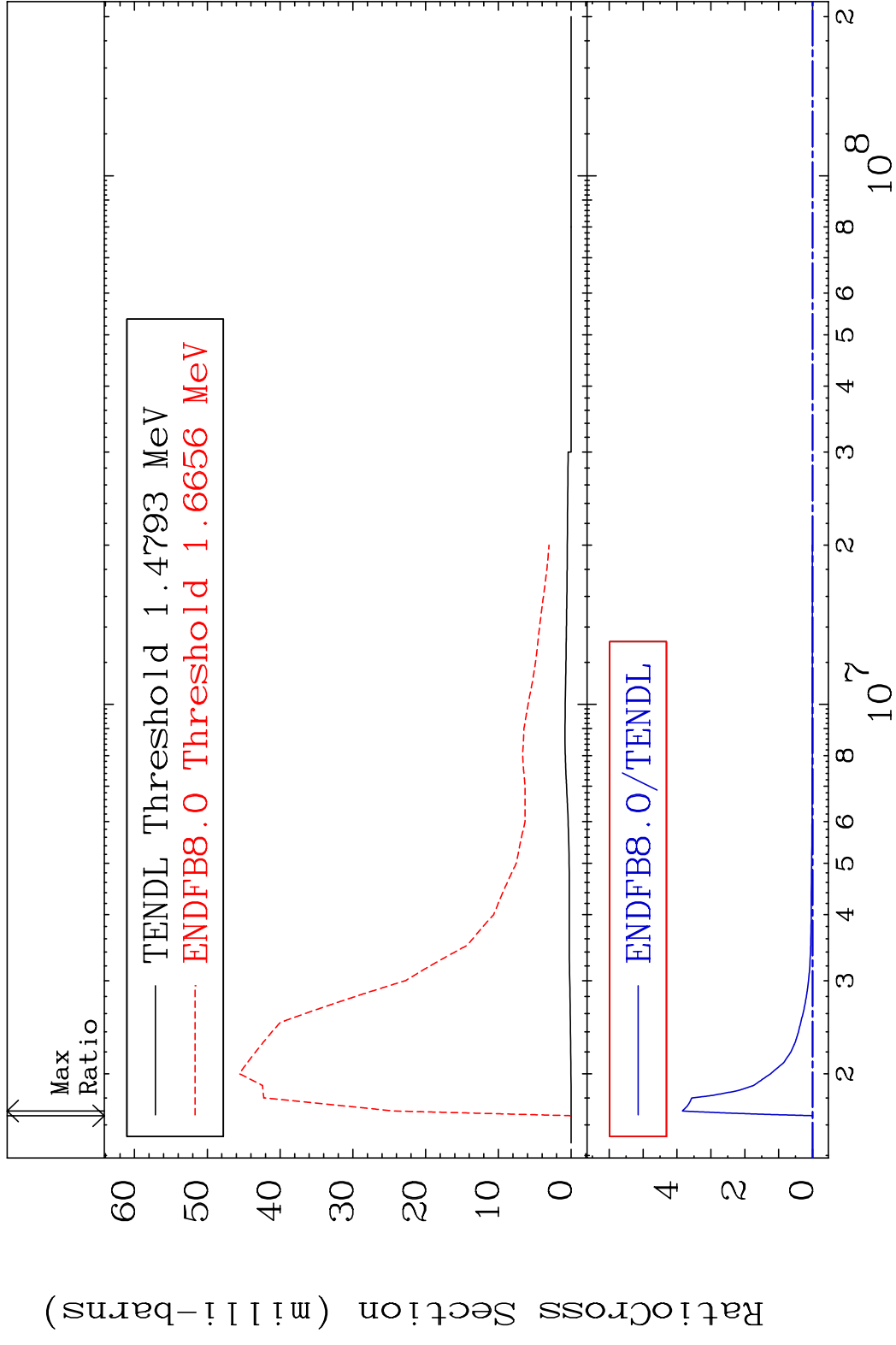
MAT 6649      MT= 67 (n, n') Level      66-Dy-164  
 Cross Section    -100.0 To 640.5 %



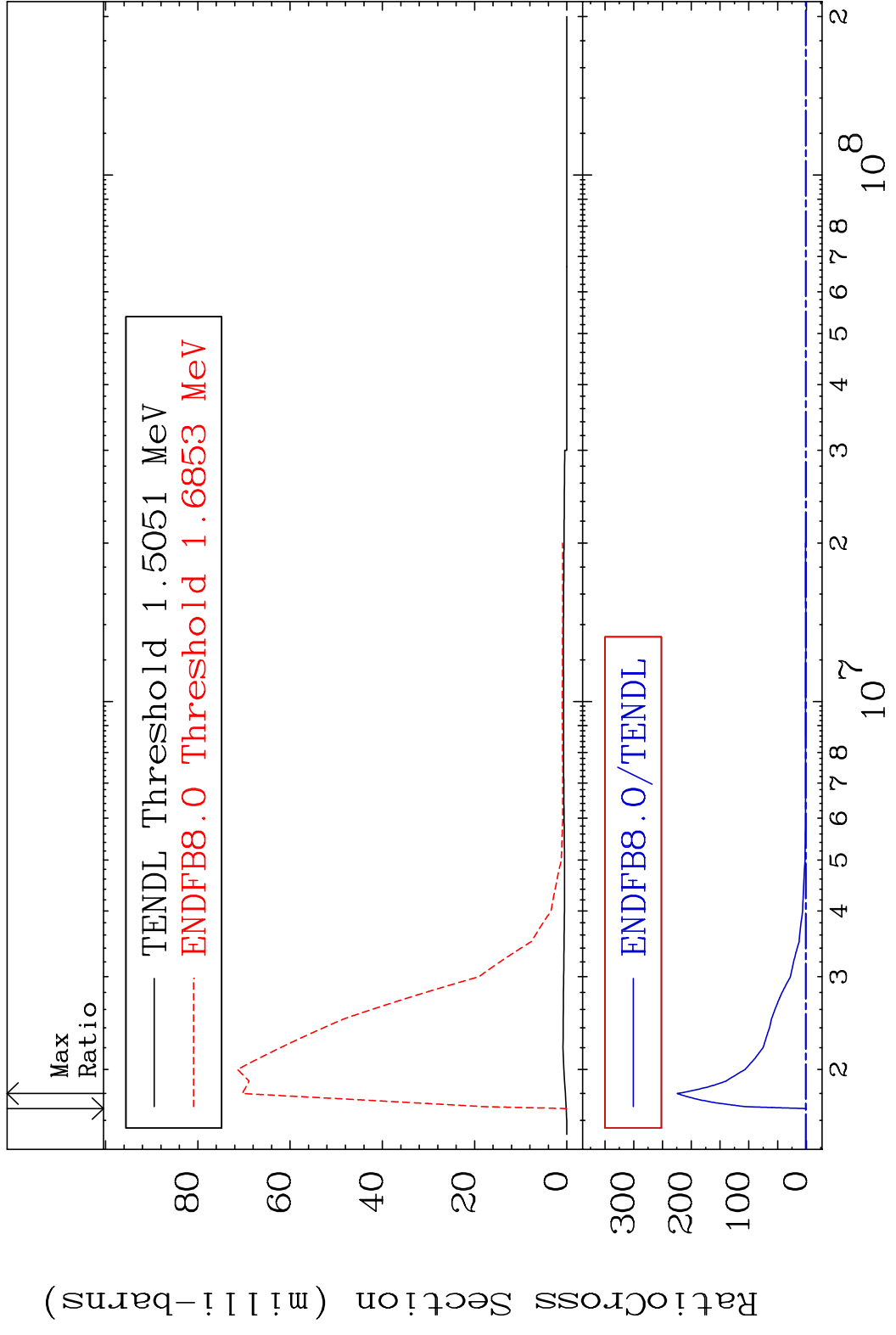
MAT 6649 MT= 68 (n, n') Level 66-Dy-164  
 Cross Section -100.0 To -19.18%



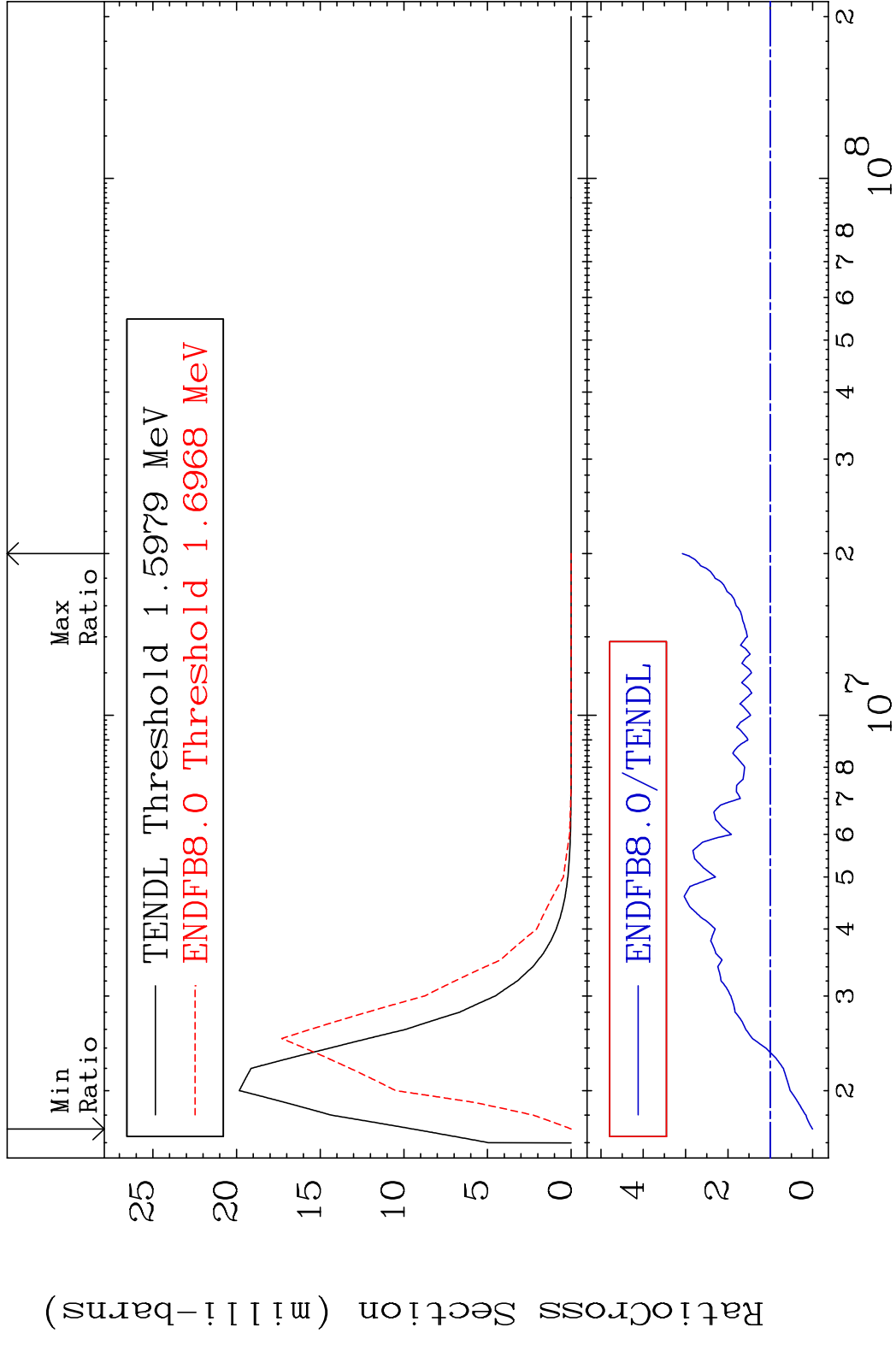
MAT 6649 MT= 69 (n, n') Level 66-Dy-164  
 Cross Section -100.0 To 9999. %



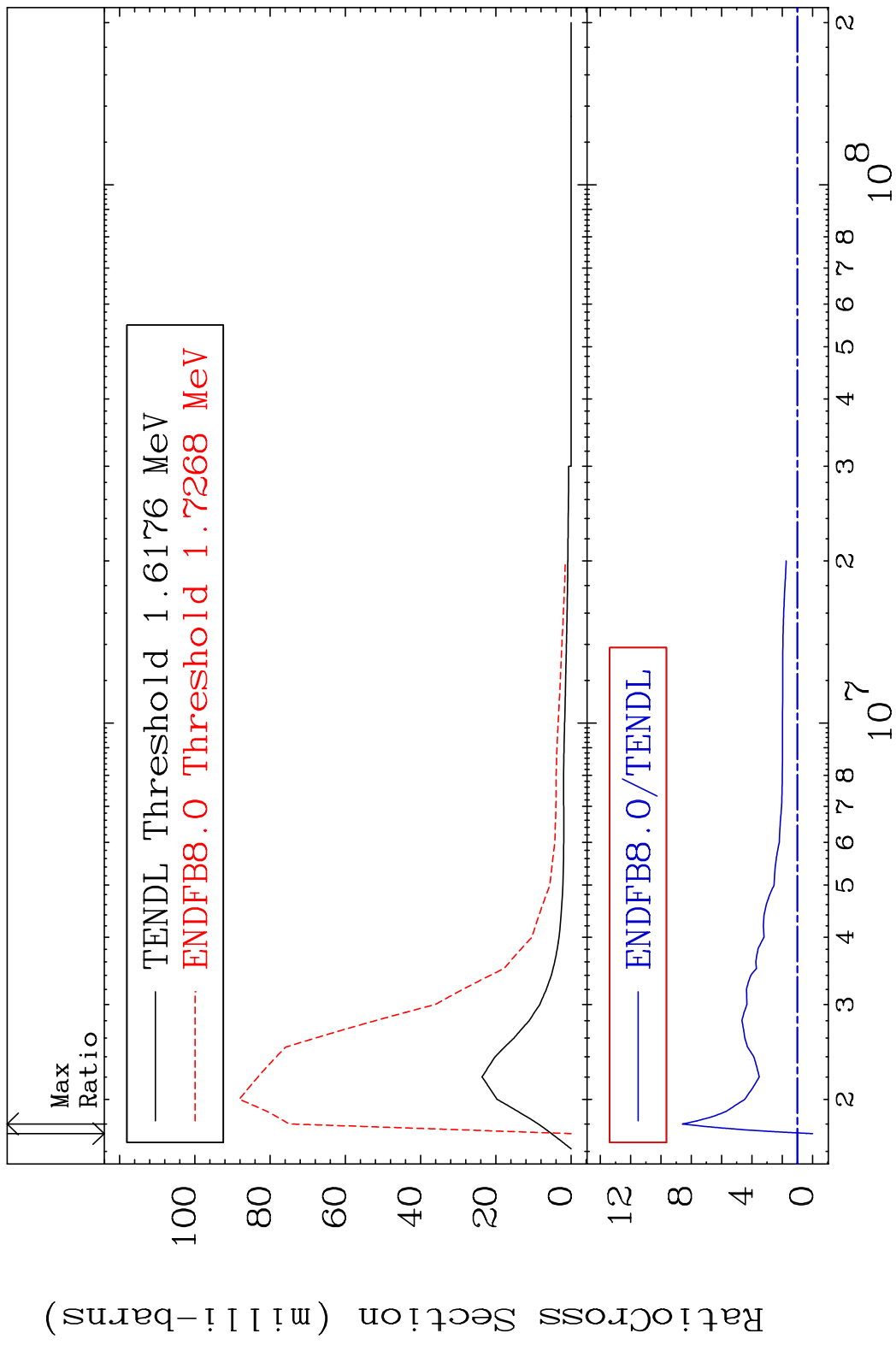
MAT 6649      MT= 70 (n, n') Level      66-Dy-164  
 Cross Section    -100.0 To 9999. %



MAT 6649 MT= 71 (n, n') Level 66-Dy-164  
 Cross Section -100.0 To 207.6 %

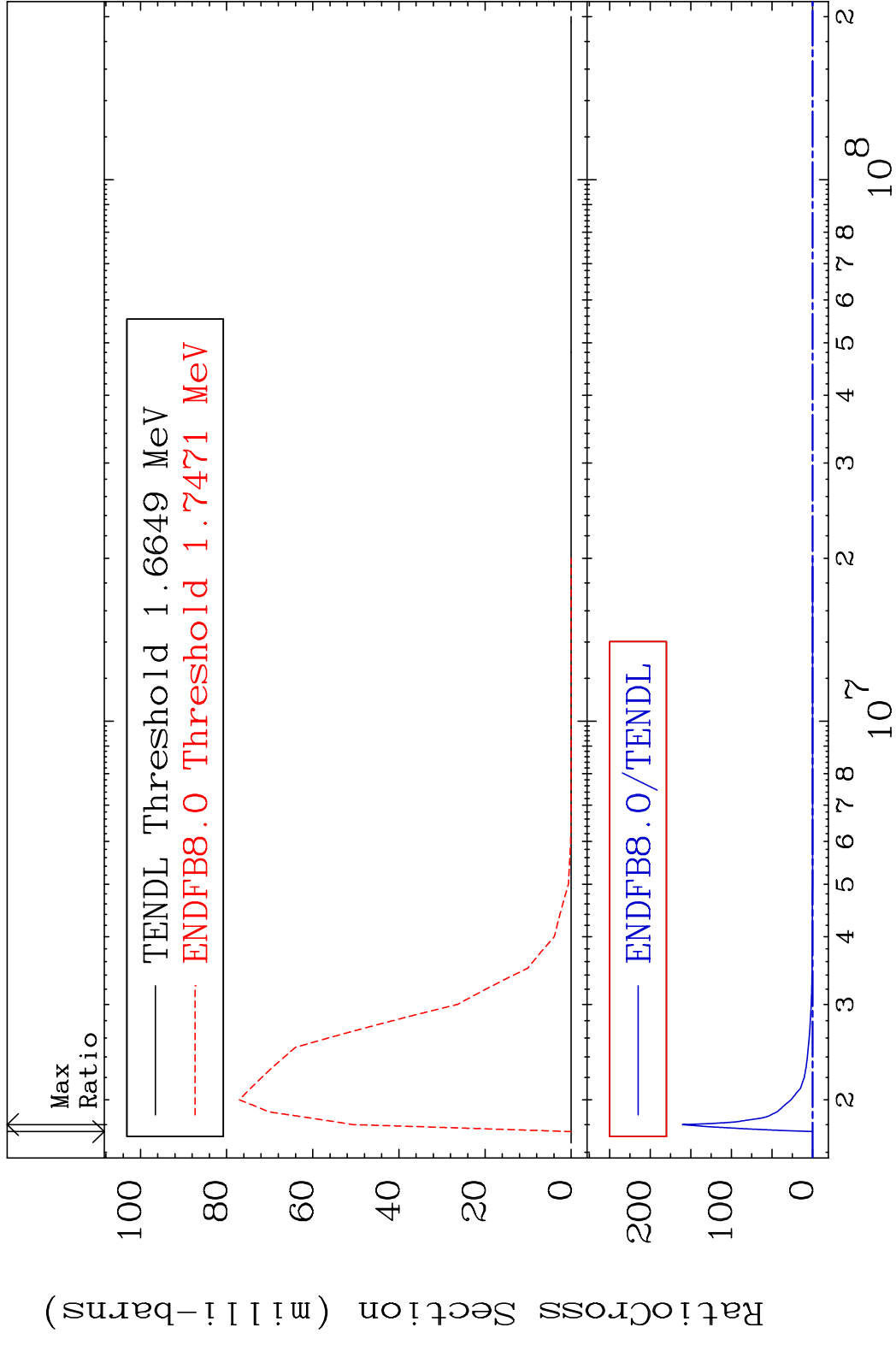


MAT 6649 MT= 72 (n, n') Level 66-Dy-164  
 Cross Section -100.0 To 758.9 %

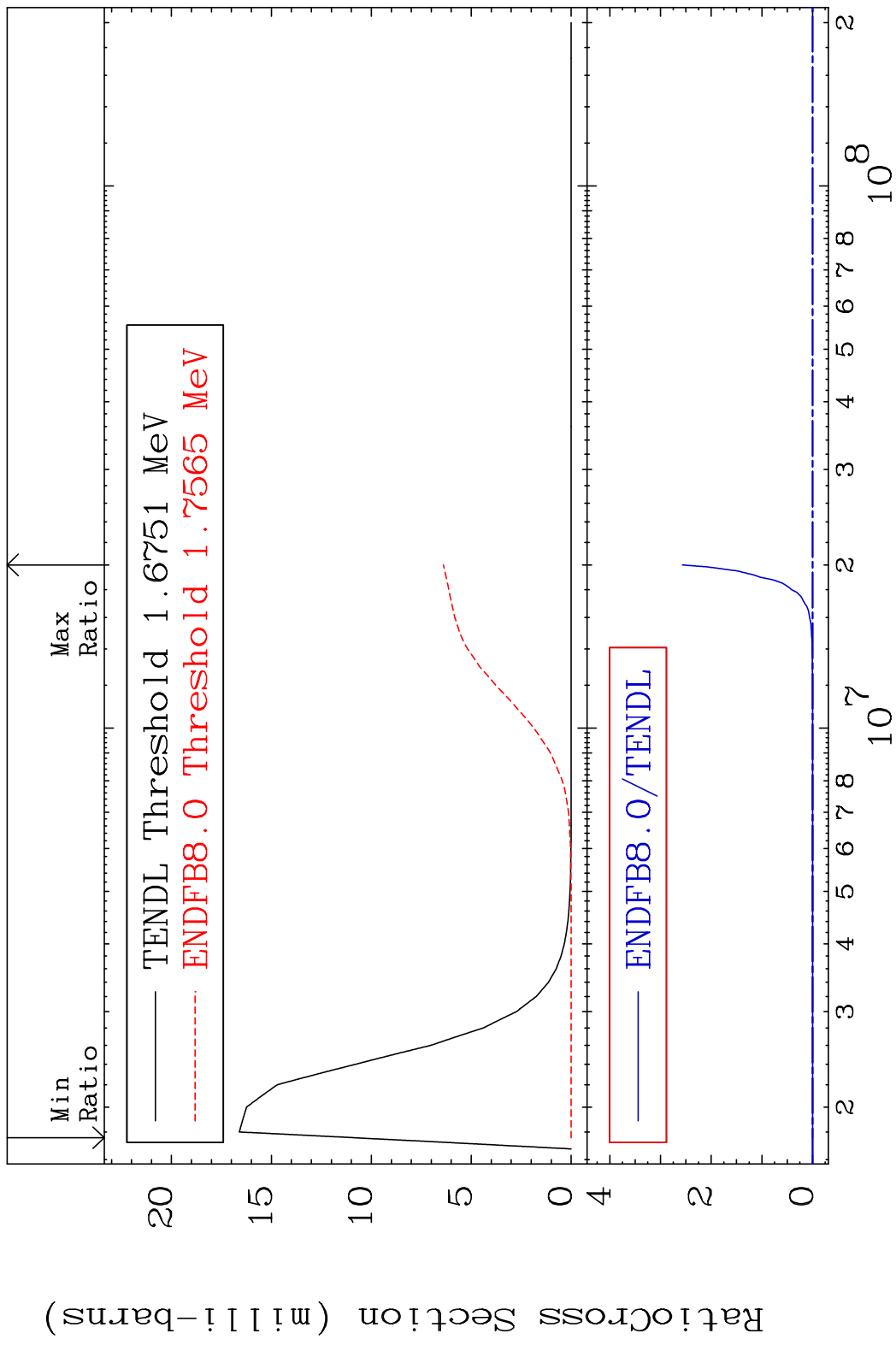




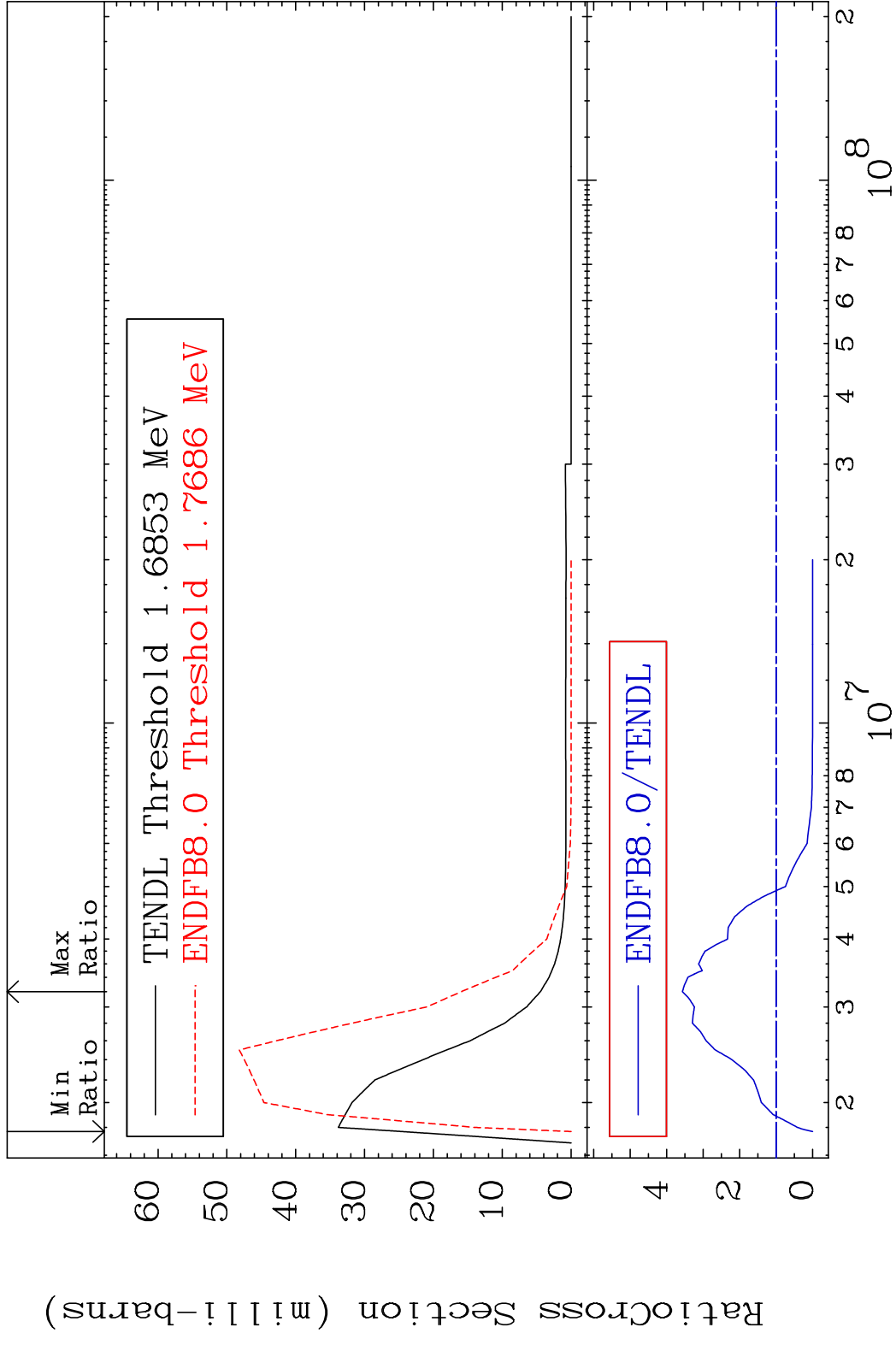
MAT 6649 MT= 73 (n, n') Level 66-Dy-164  
 Cross Section -100.0 To 9999. %



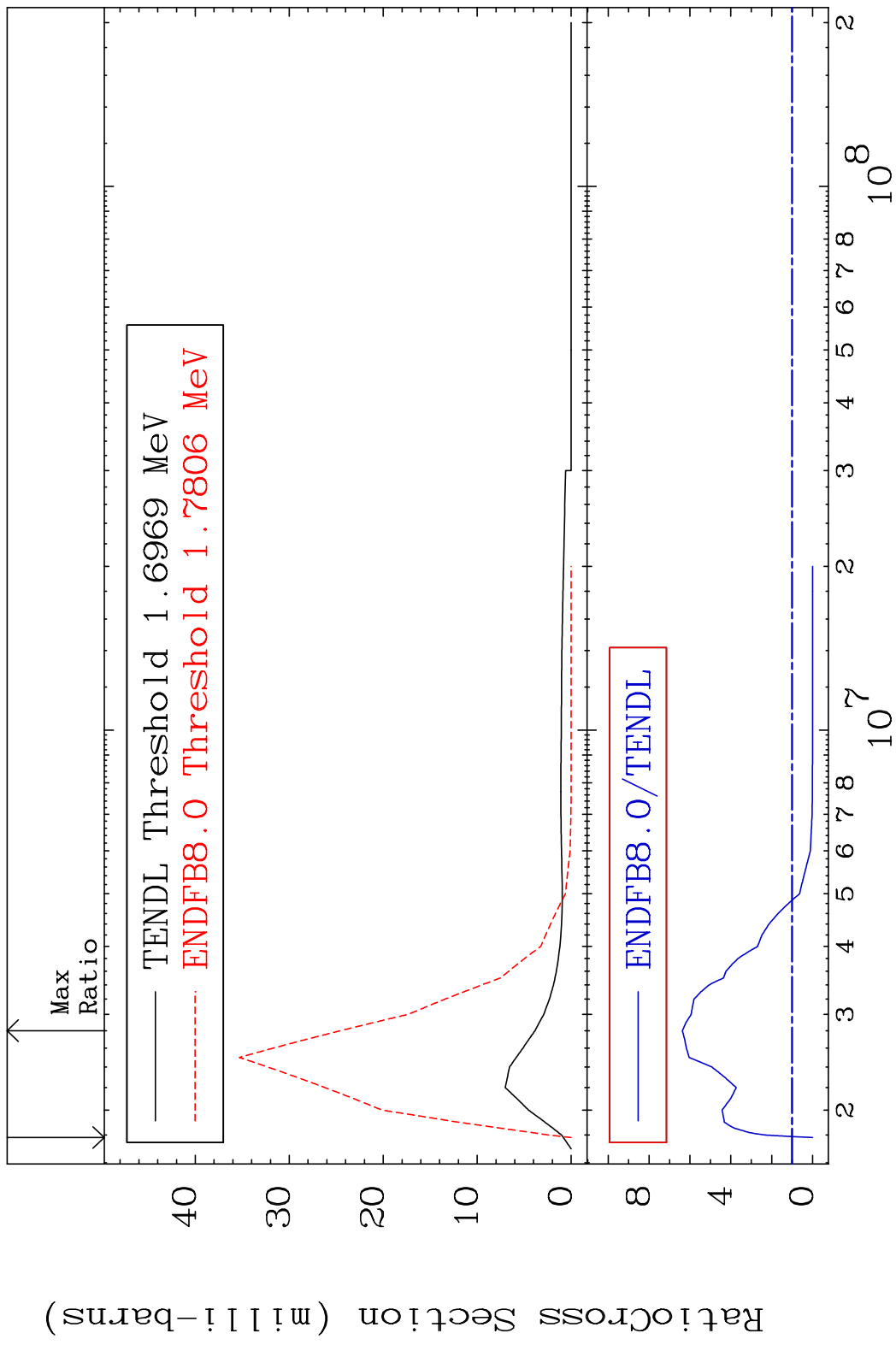
MAT 6649 MT= 74 (n, n') Level 66-Dy-164  
 Cross Section -100.0 To 9999. %



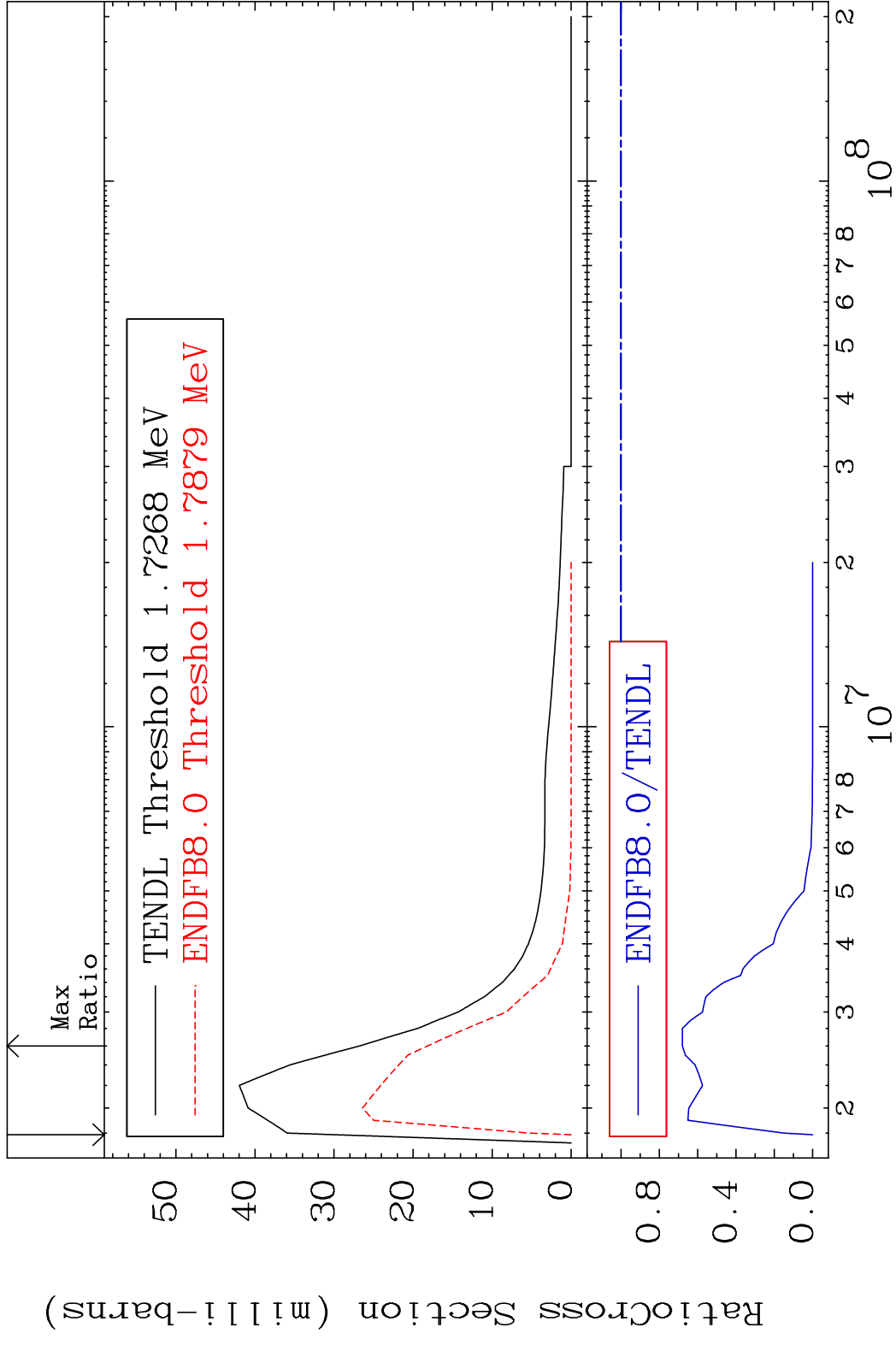
MAT 6649 MT= 75 (n, n') Level 66-Dy-164  
 Cross Section -100.0 To 256.8 %



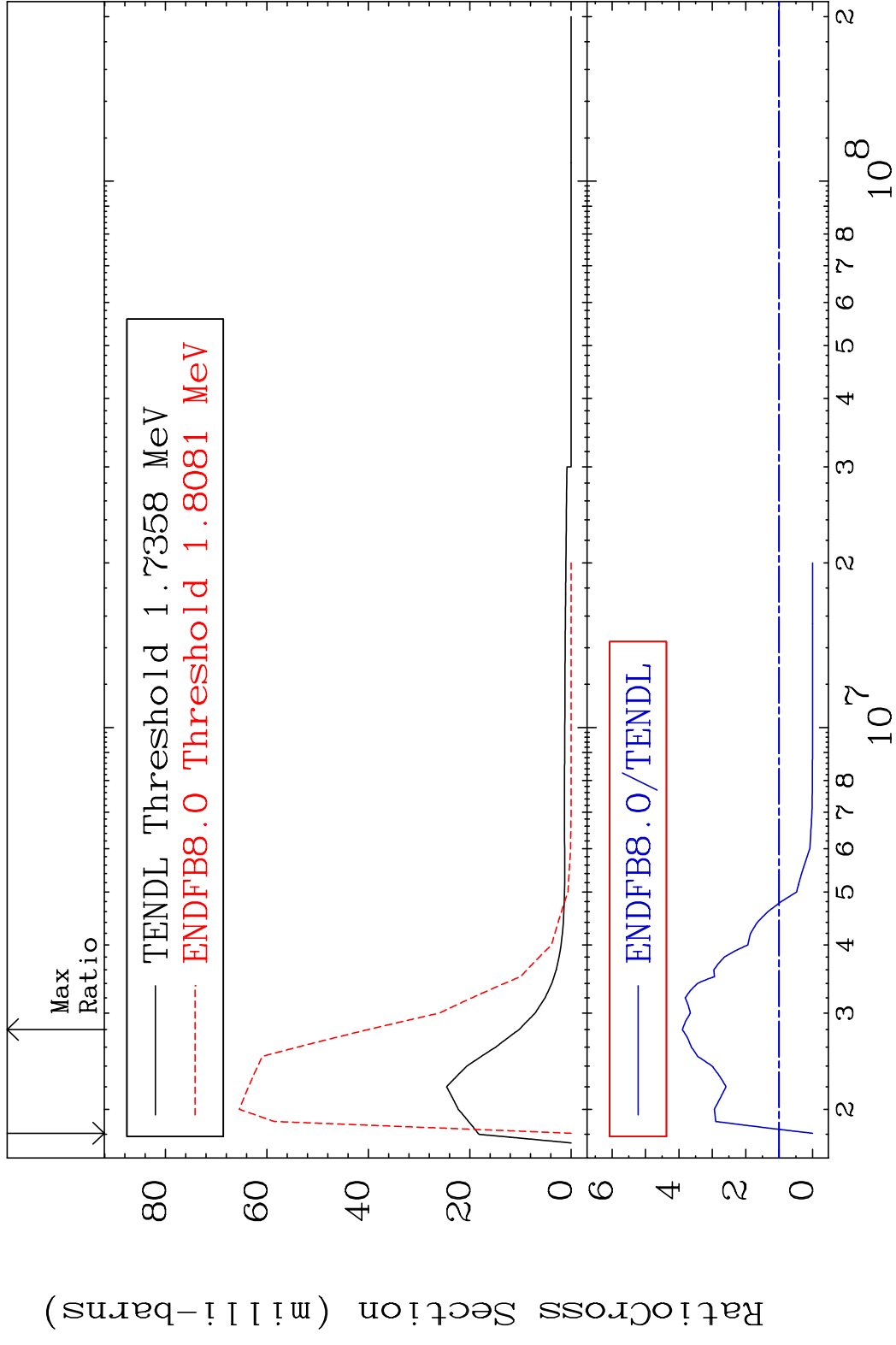
MAT 6649      MT= 76 (n, n') Level      66-Dy-164  
 Cross Section    -100.0 To 537.3 %



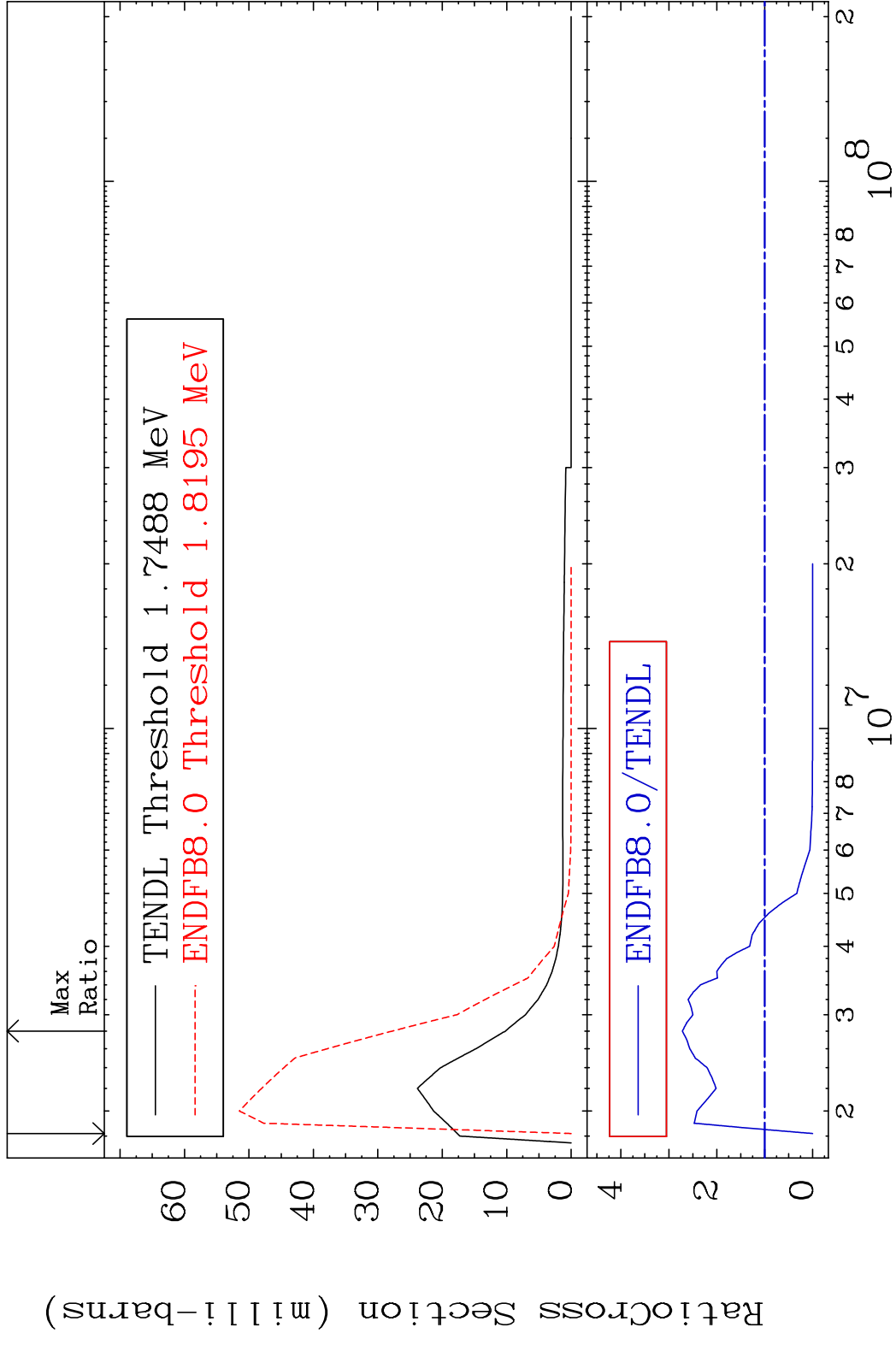
MAT 6649 MT= 77 (n, n') Level 66-Dy-164  
 Cross Section -100.0 To -32.05%



MAT 6649 MT= 78 (n, n') Level 66-Dy-164  
 Cross Section -100.0 To 289.6 %



MAT 6649 MT= 79 (n, n') Level 66-Dy-164  
 Cross Section -100.0 To 171.8 %

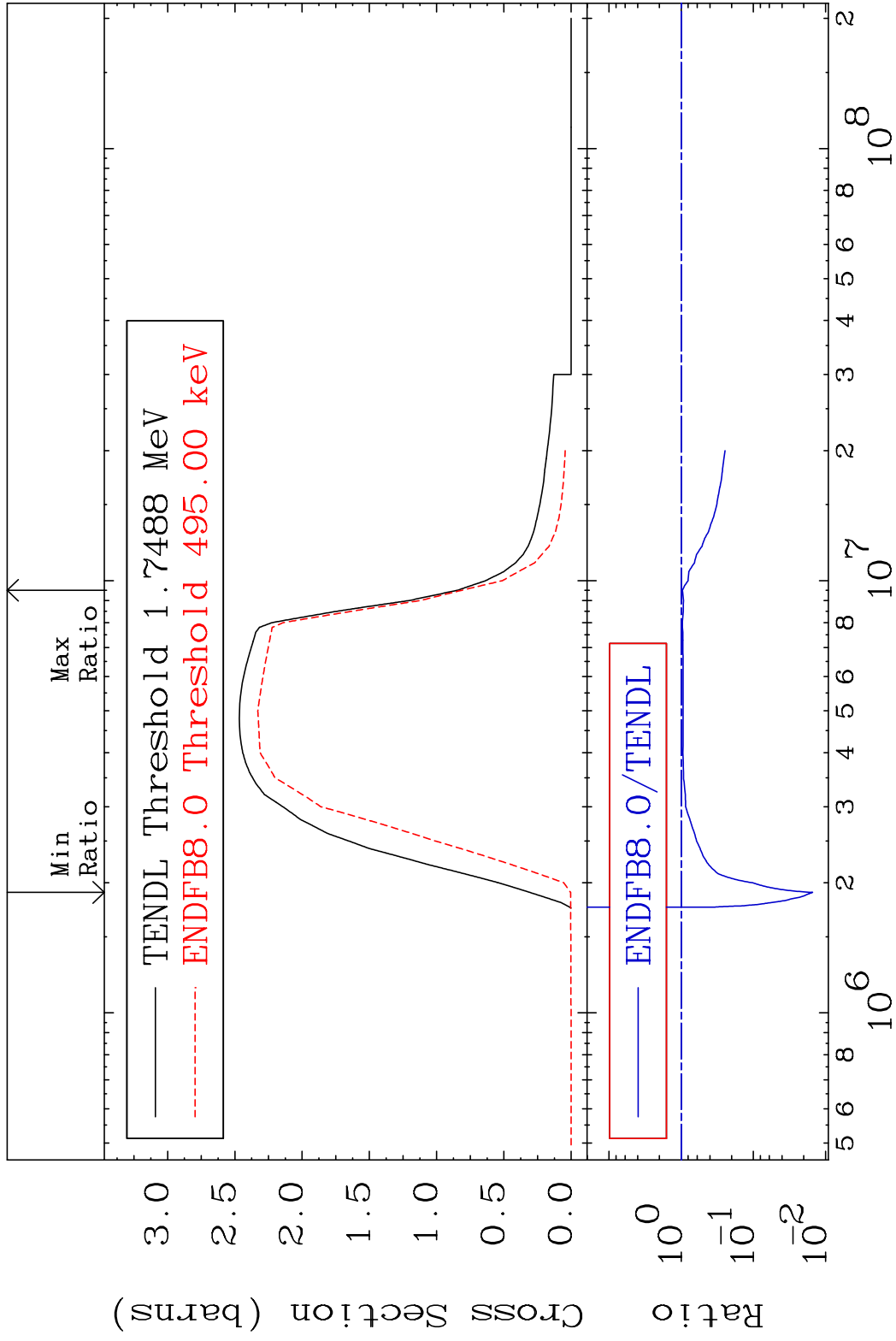


MAT 6649

(n, n') Continuum

66-Dy-164

Cross Section -98.49 To -3.644%



39

Incident Energy (eV)

66-Dy-164



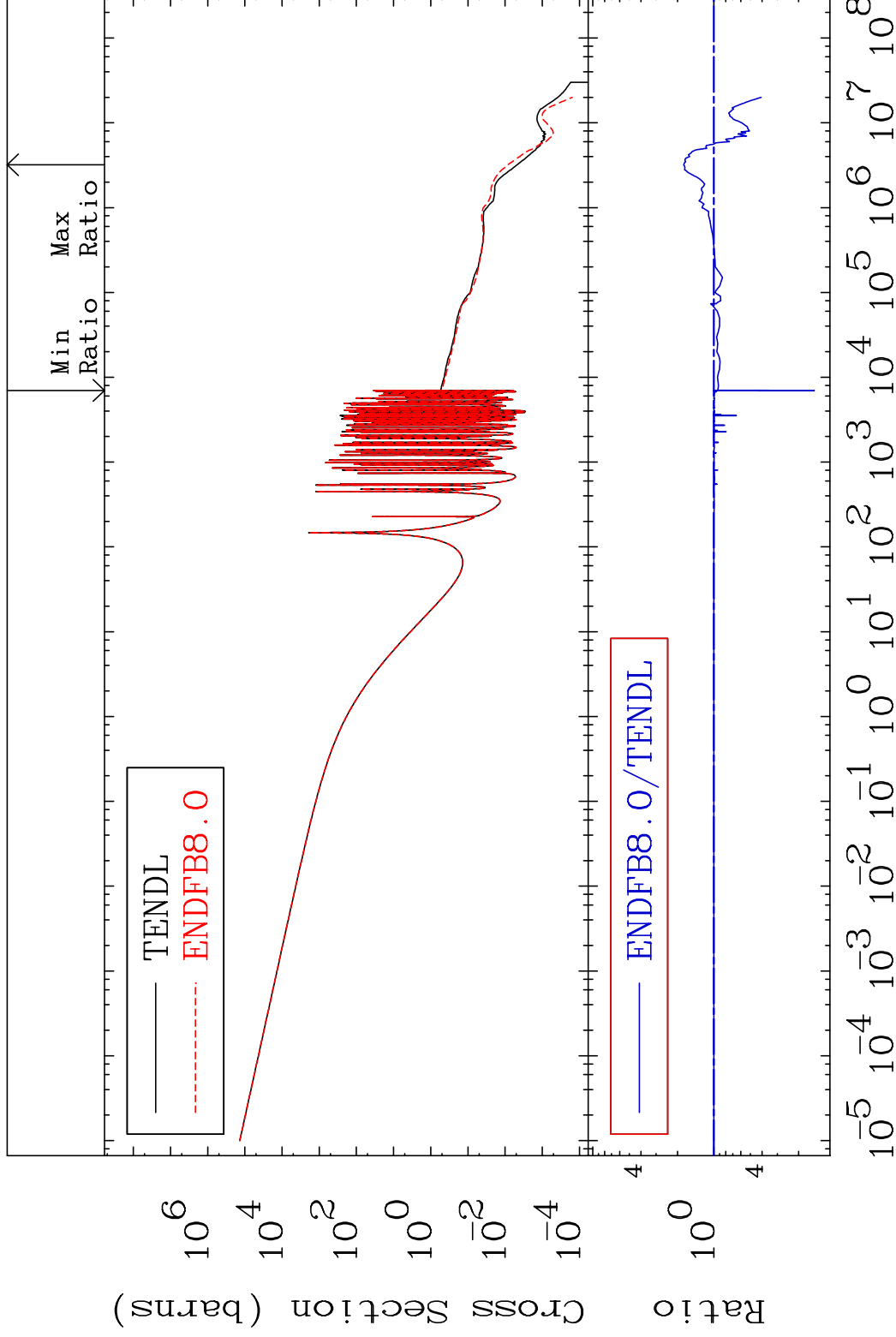
MAT 6649

(n,  $\gamma$ )

66-Dy-164

Cross Section

-85.10 To 77.87 %



40

Incident Energy (eV)

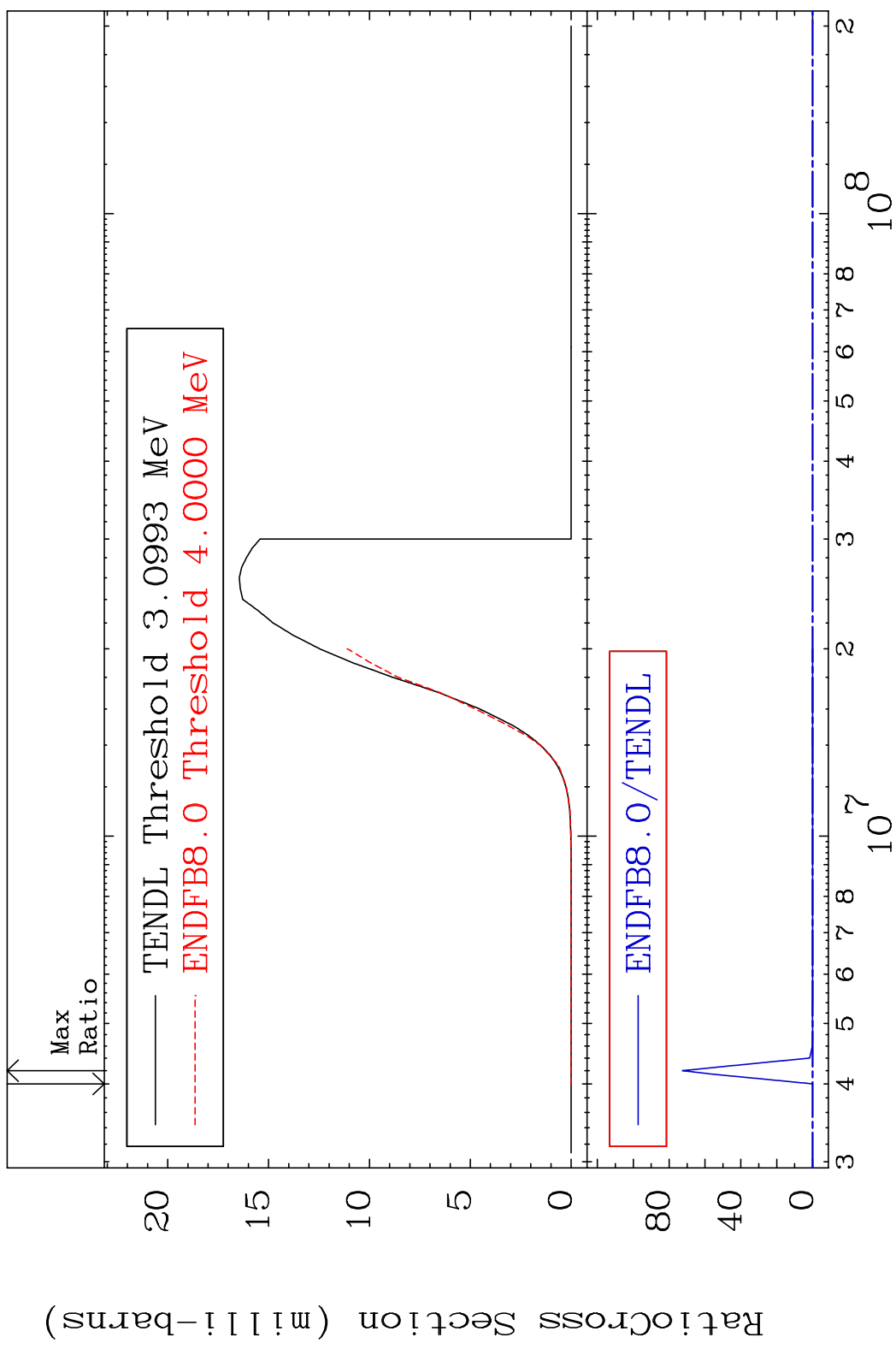
66-Dy-164

MAT 6649

(n,p)

66-Dy-164

Cross Section -100.0 To 9999. %

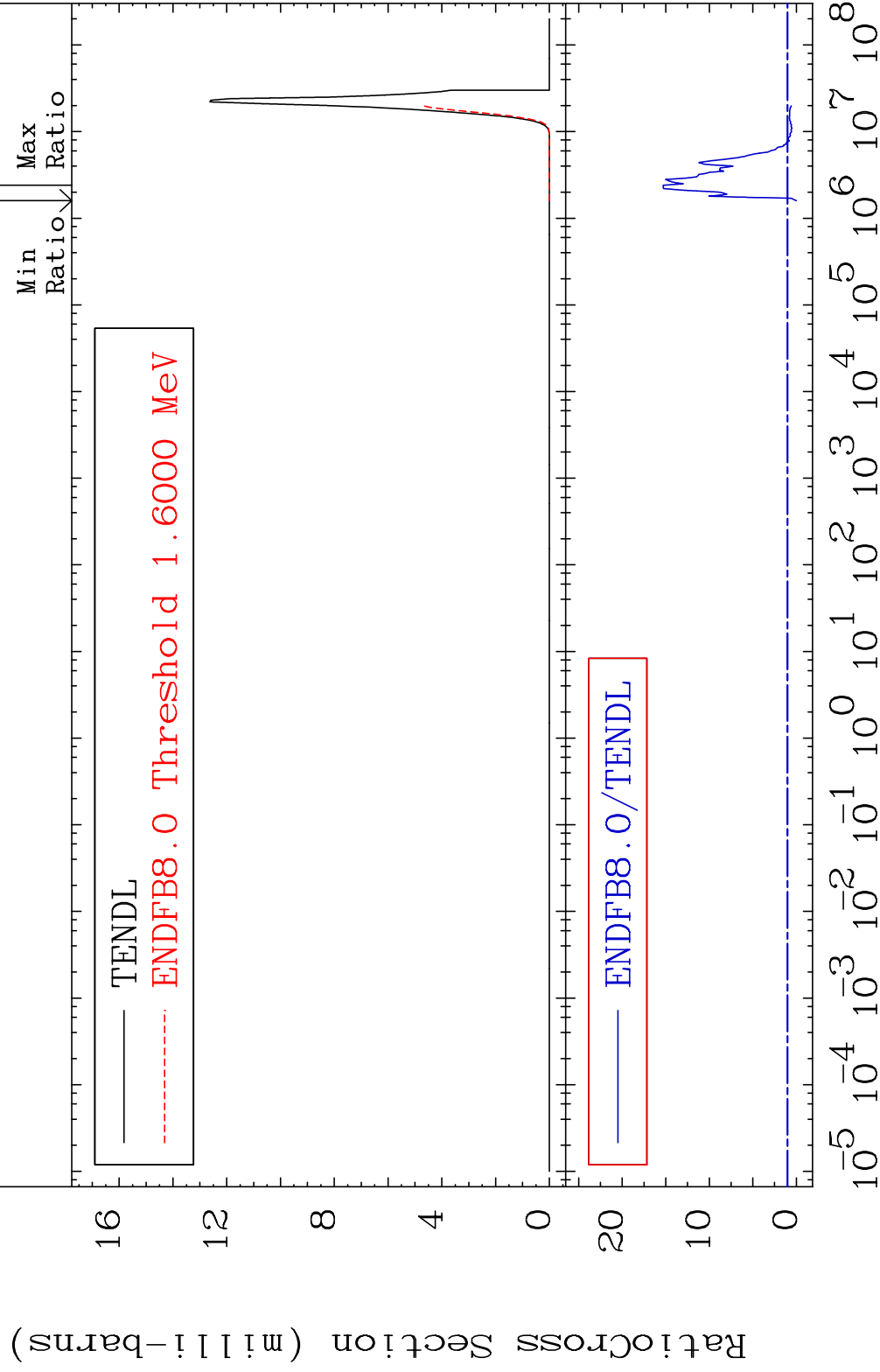


MAT 6649

(n,  $\alpha$ )

66-Dy-164

Cross Section -100.0 To 1430. %



42

Incident Energy (eV)

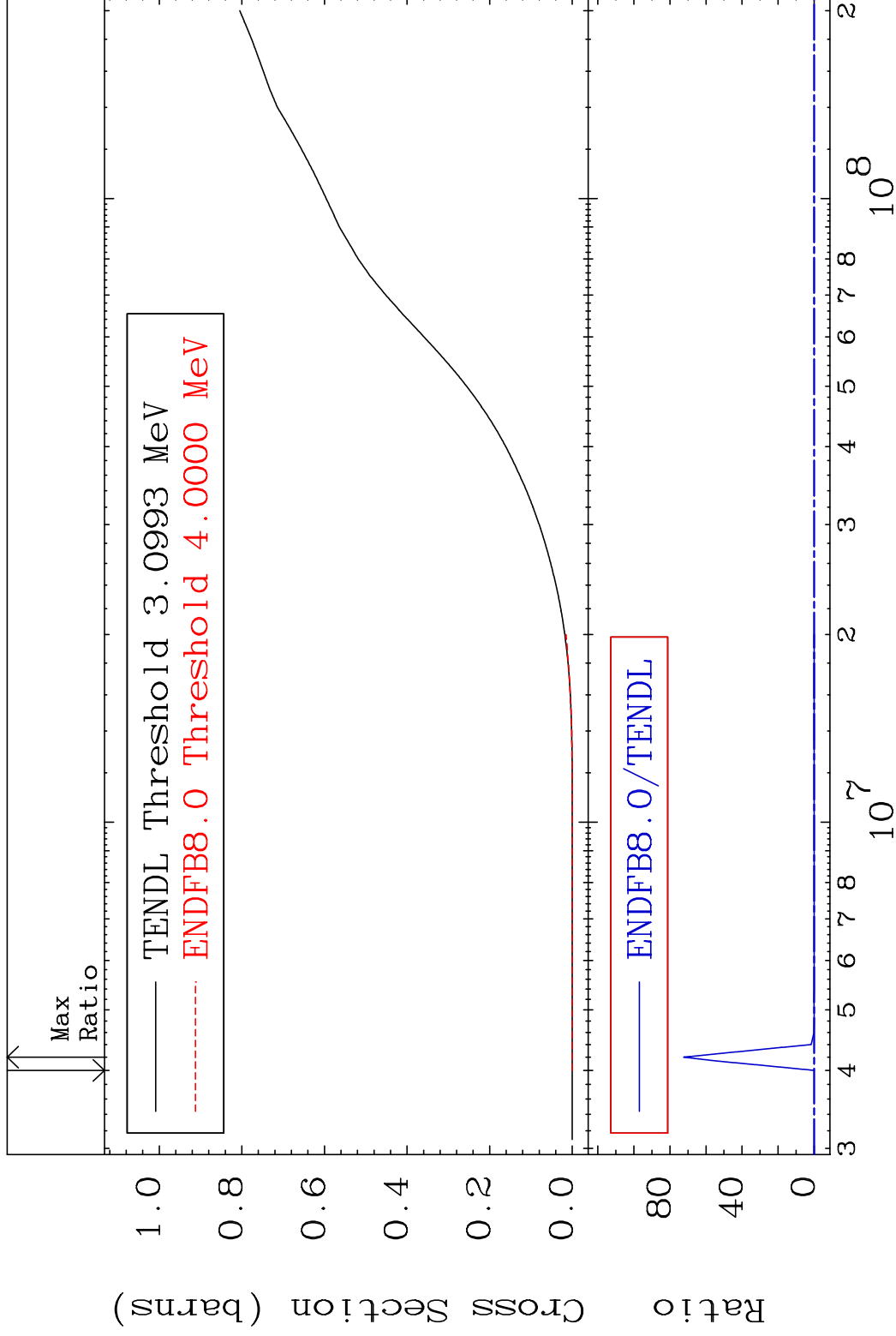
66-Dy-164

MAT 6649

Hydrogen Production

66-Dy-164

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

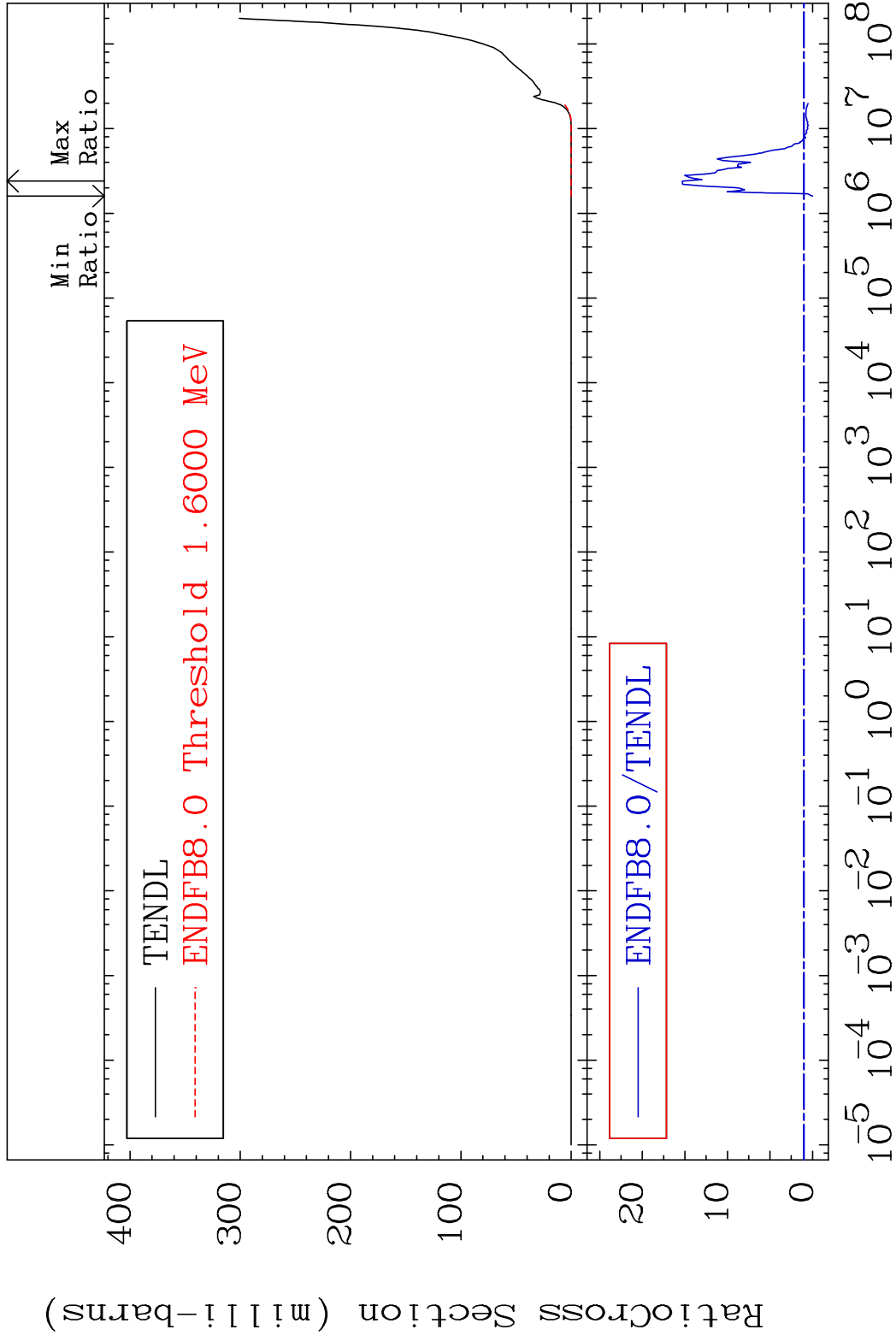
66-Dy-164

MAT 6649

He-4 Production

66-Dy-164

Cross Section -100.0 To 1430. %

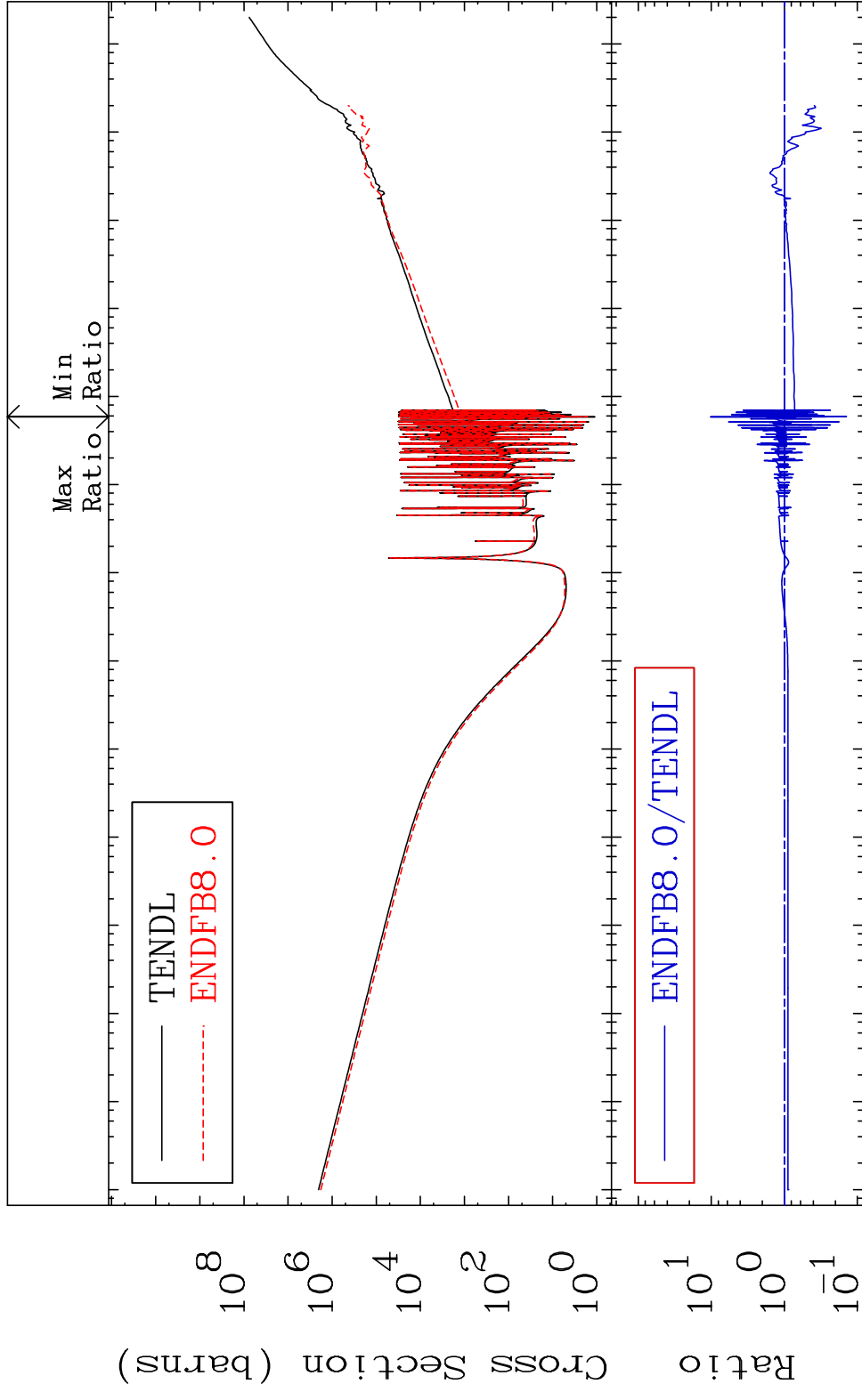


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Incident Energy (eV)

66-Dy-164

MAT 6649 Kerma total (eV-barns) 66-Dy-164  
 Cross Section -85.85 To 917.2 %



45 Incident Energy (eV) 66-Dy-164

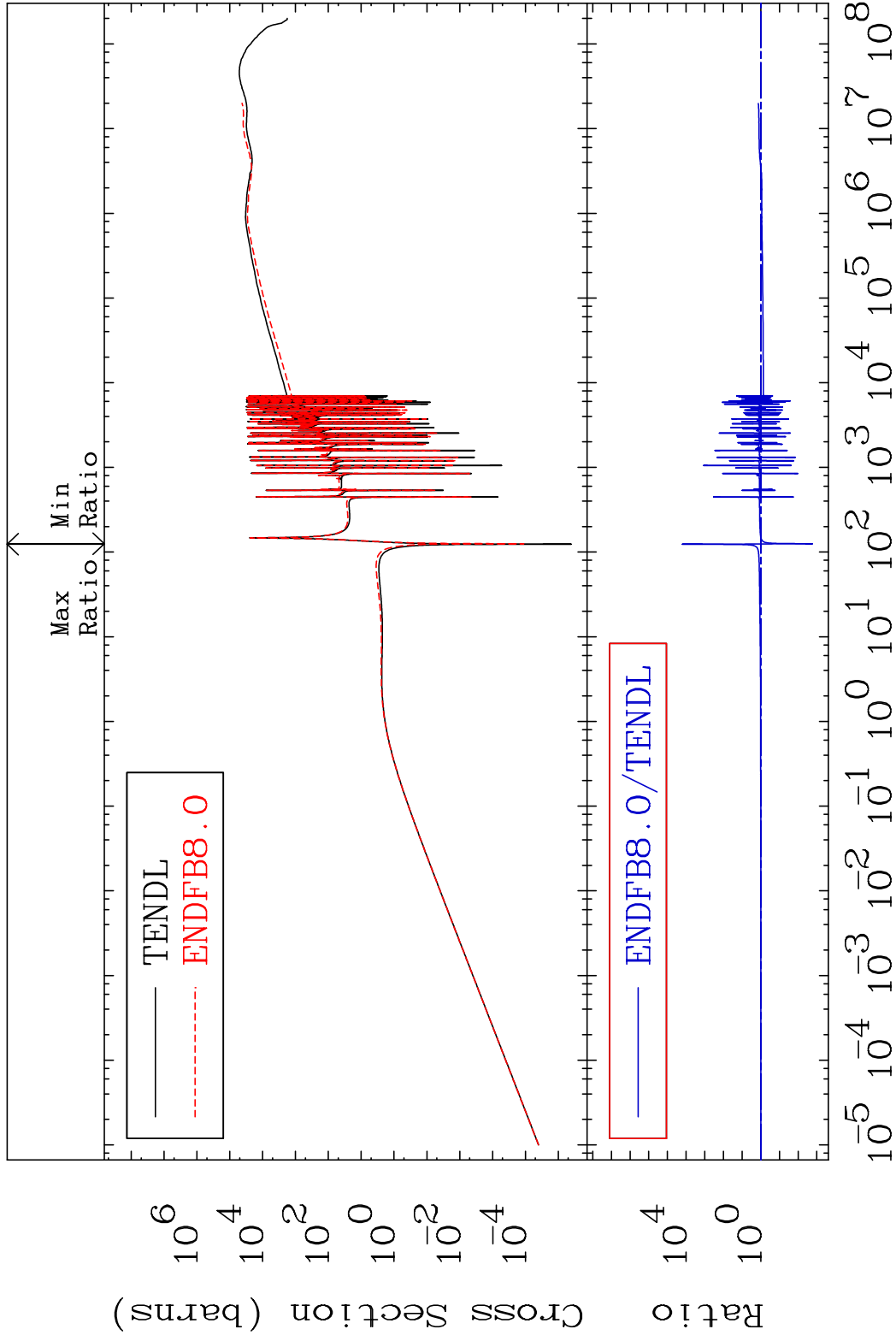
MAT 6649

Kerma elastic

66-Dy-164

Cross Section

-99.83 To 9999. %

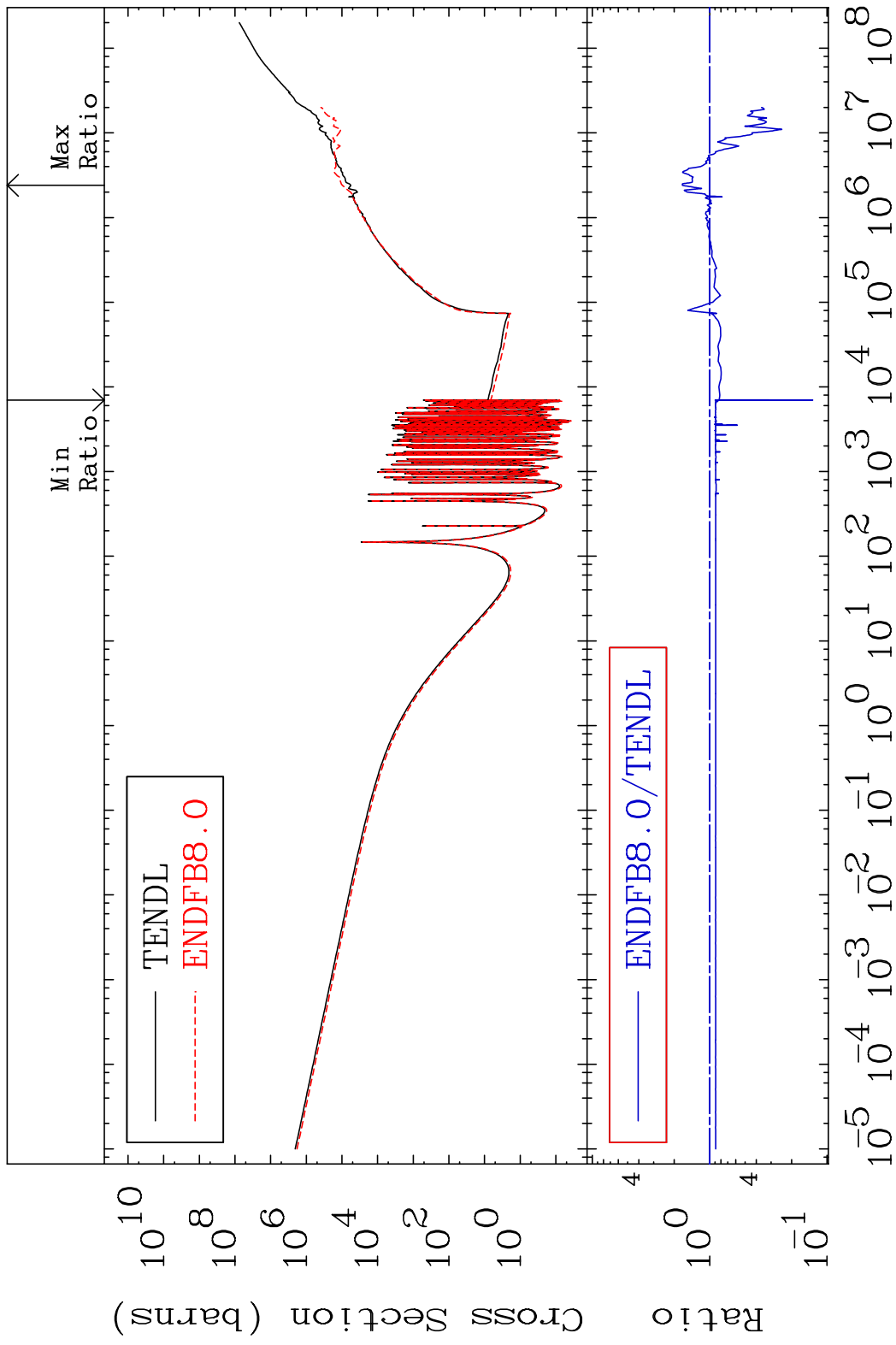


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Incident Energy (eV)

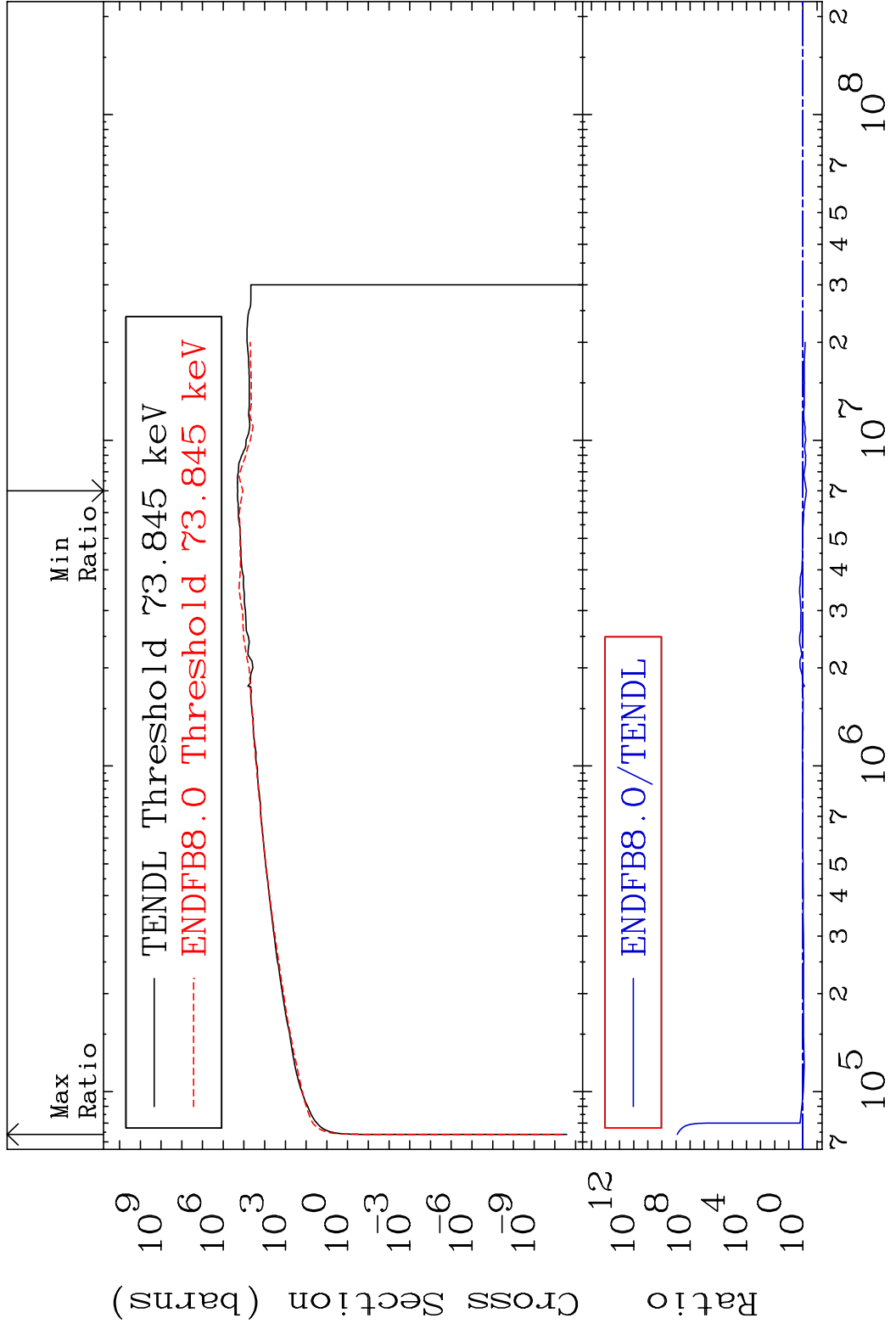
66-Dy-164

MAT 6649 Kerma non-elastic (all but mt2) 66-Dy-164  
 Cross Section -86.71 To 70.75 %



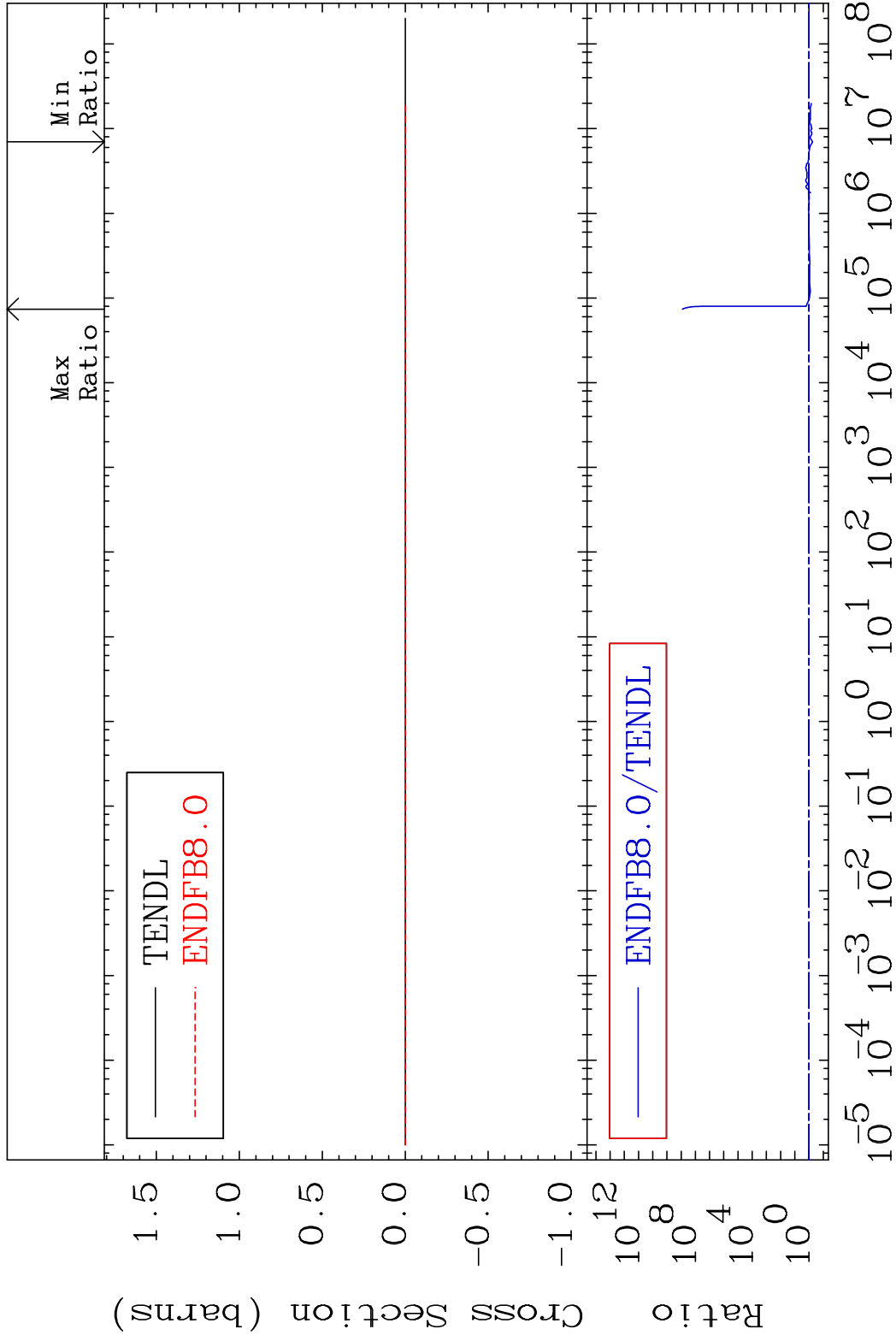


MAT 6649 Kerma inelastic (mt51-91) 66-Dy-164  
 Cross Section -43.50 To 9999. %



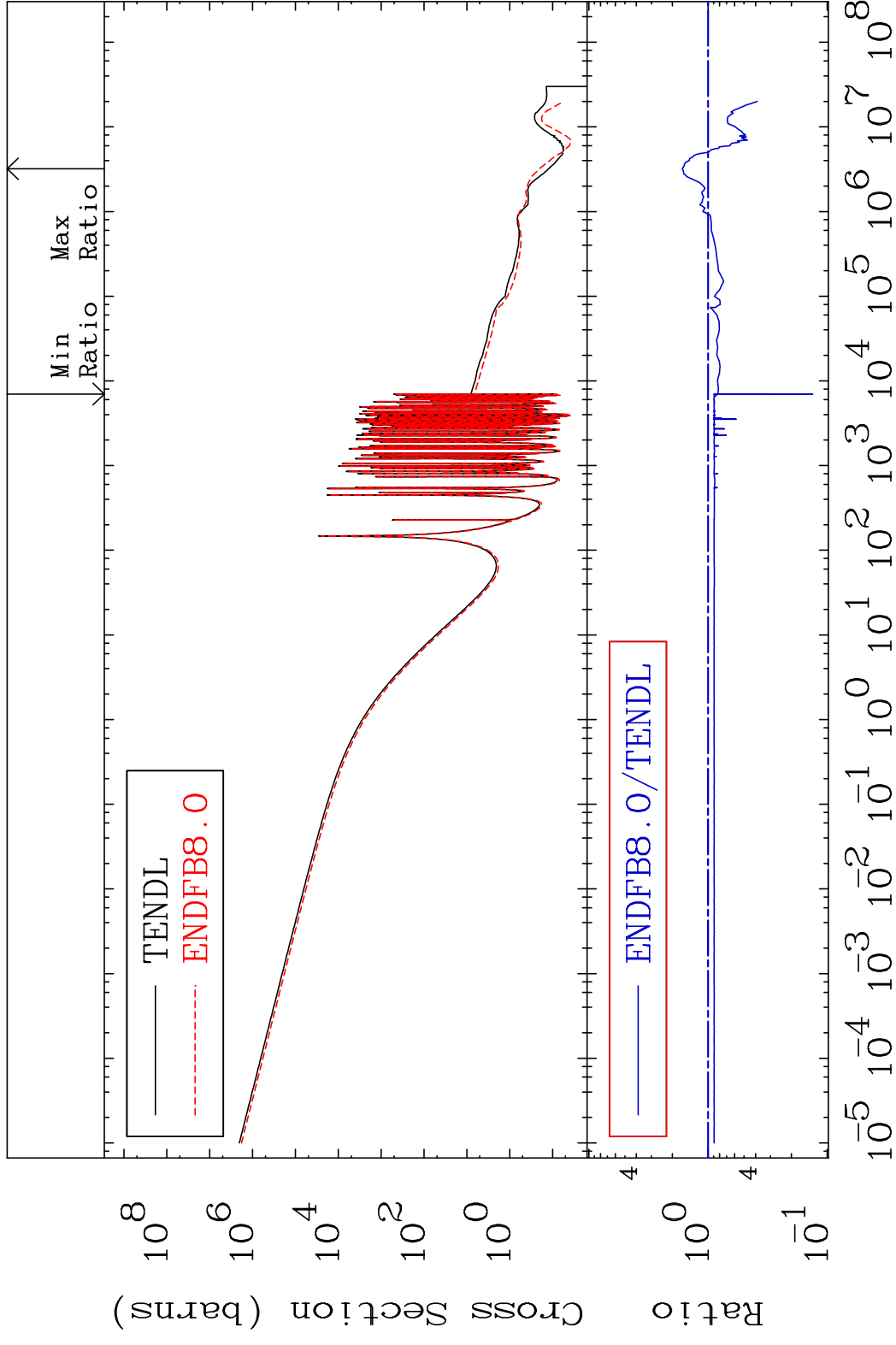
48 Incident Energy (eV) 66-Dy-164

MAT 6649 Kerma fission (mt18 or mt19-20-21-38) 66-Dy-164  
 Cross Section -43.50 To 9999. %



MAT 6649

Kerma capture (mt102) 66-Dy-164  
Cross Section -86.71 To 64.52 %

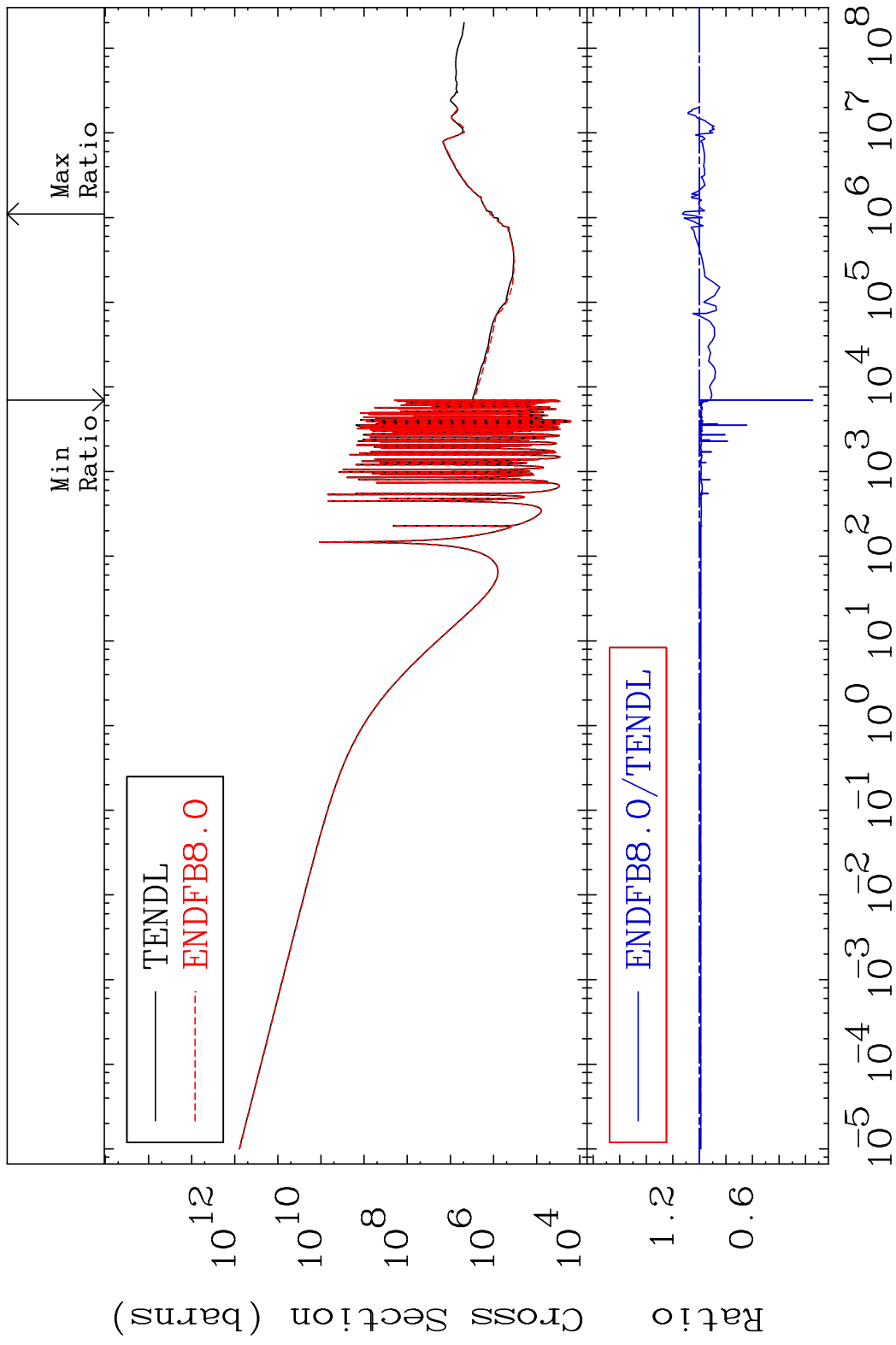


50

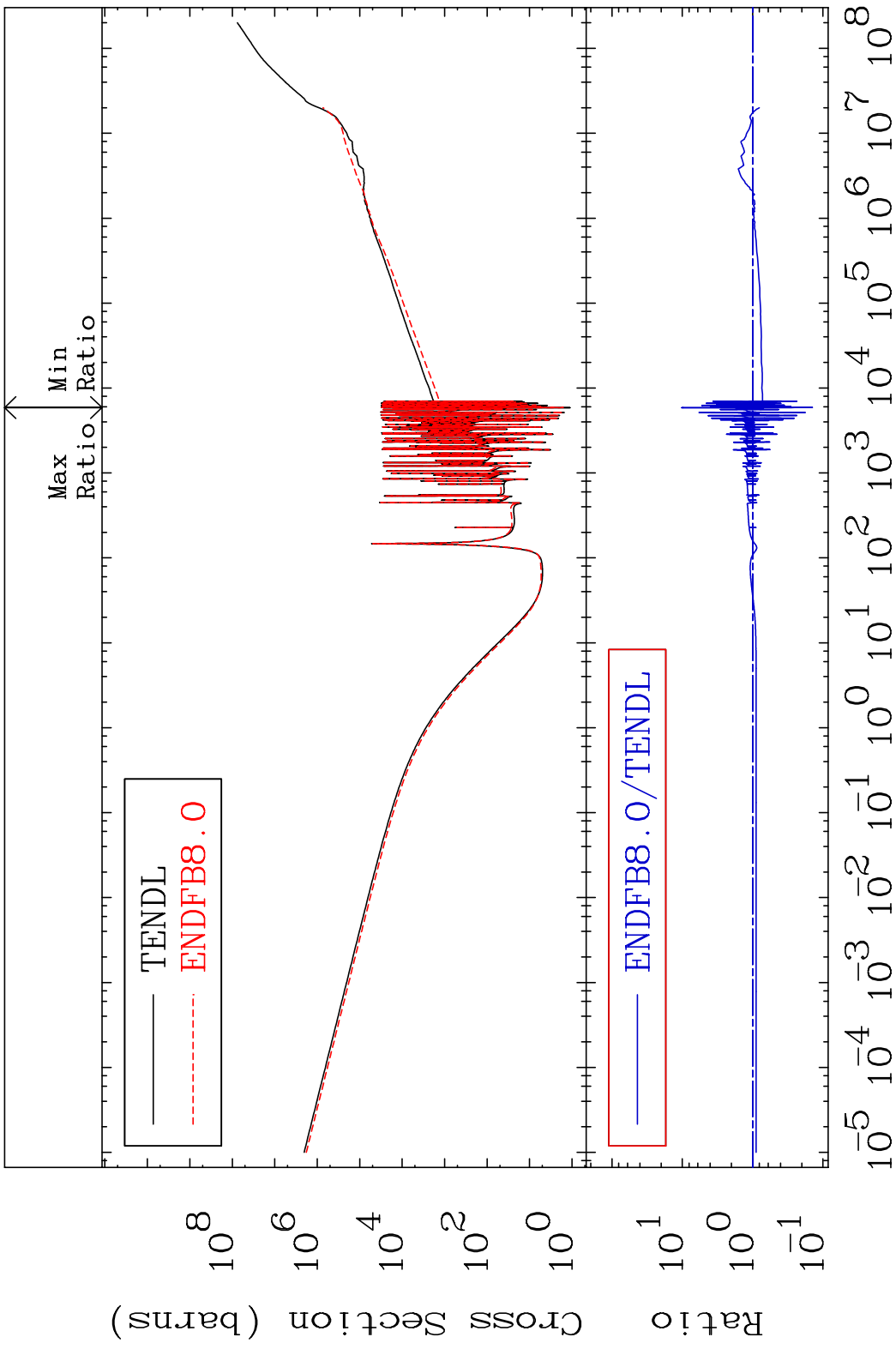
Incident Energy (eV)

66-Dy-164

MAT 6649 Total photon (eV-barns) 66-Dy-164  
 Cross Section -85.30 To 12.81 %



MAT 6649 Total kinematic kerma (high limit) 66-Dy-164  
 Cross Section -85.85 To 917.2 %

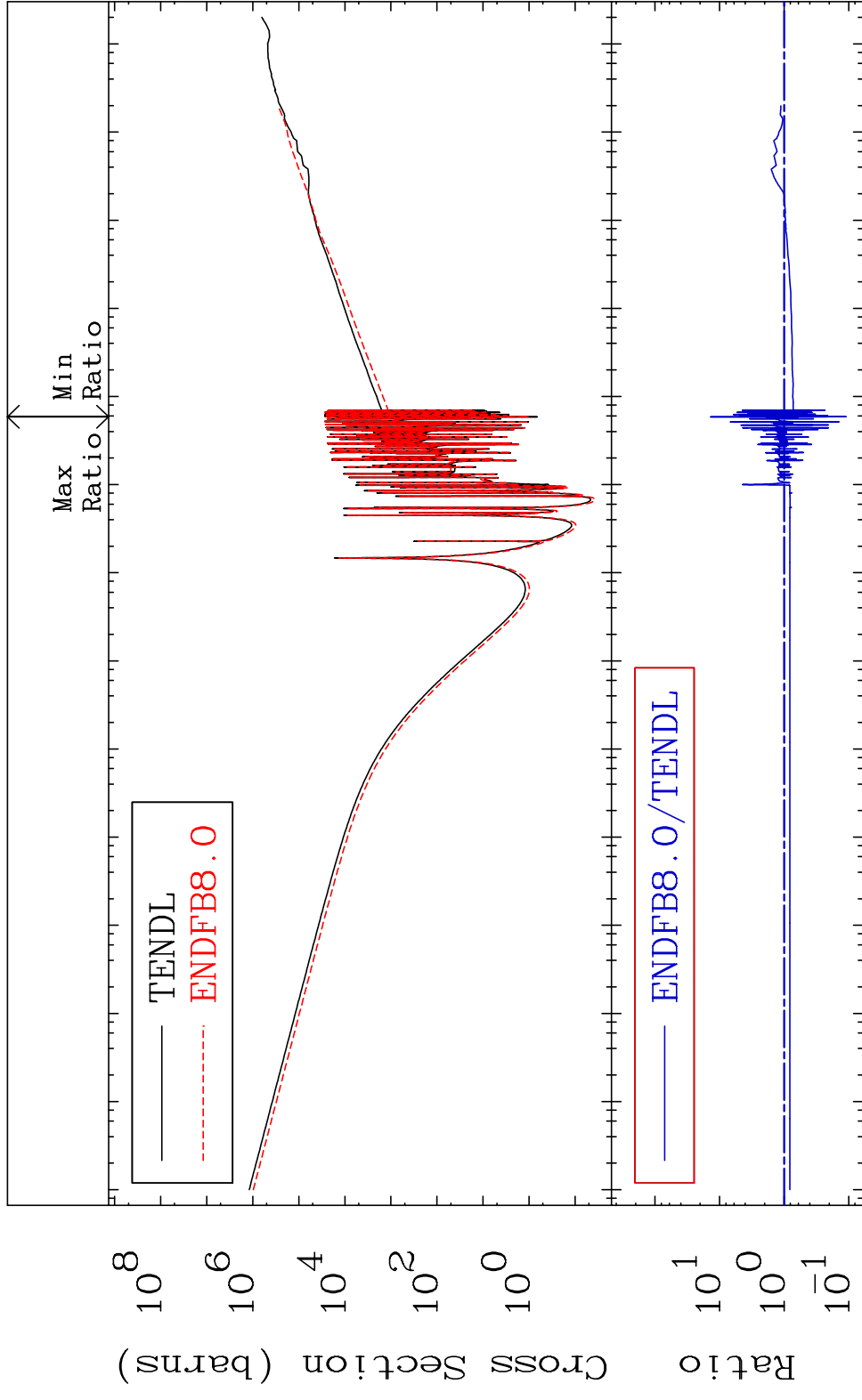


MAT 6649

Dpa total (eV-barns)

66-Dy-164

Cross Section -89.12 To 1273. %



53

Incident Energy (eV)

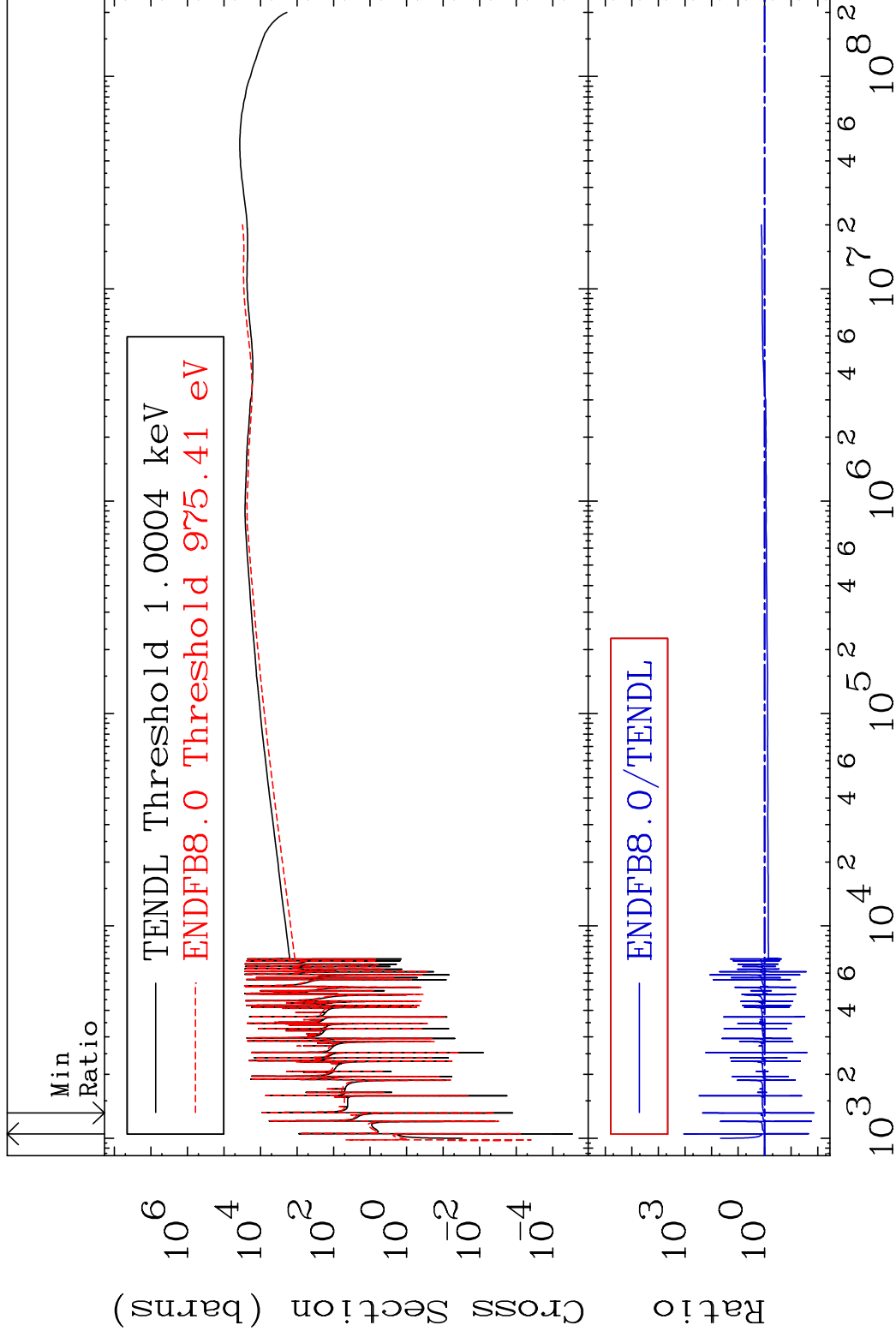
66-Dy-164

MAT 6649

Dpa elastic (mt2)

66-Dy-164

Cross Section -98.63 To 9999. %

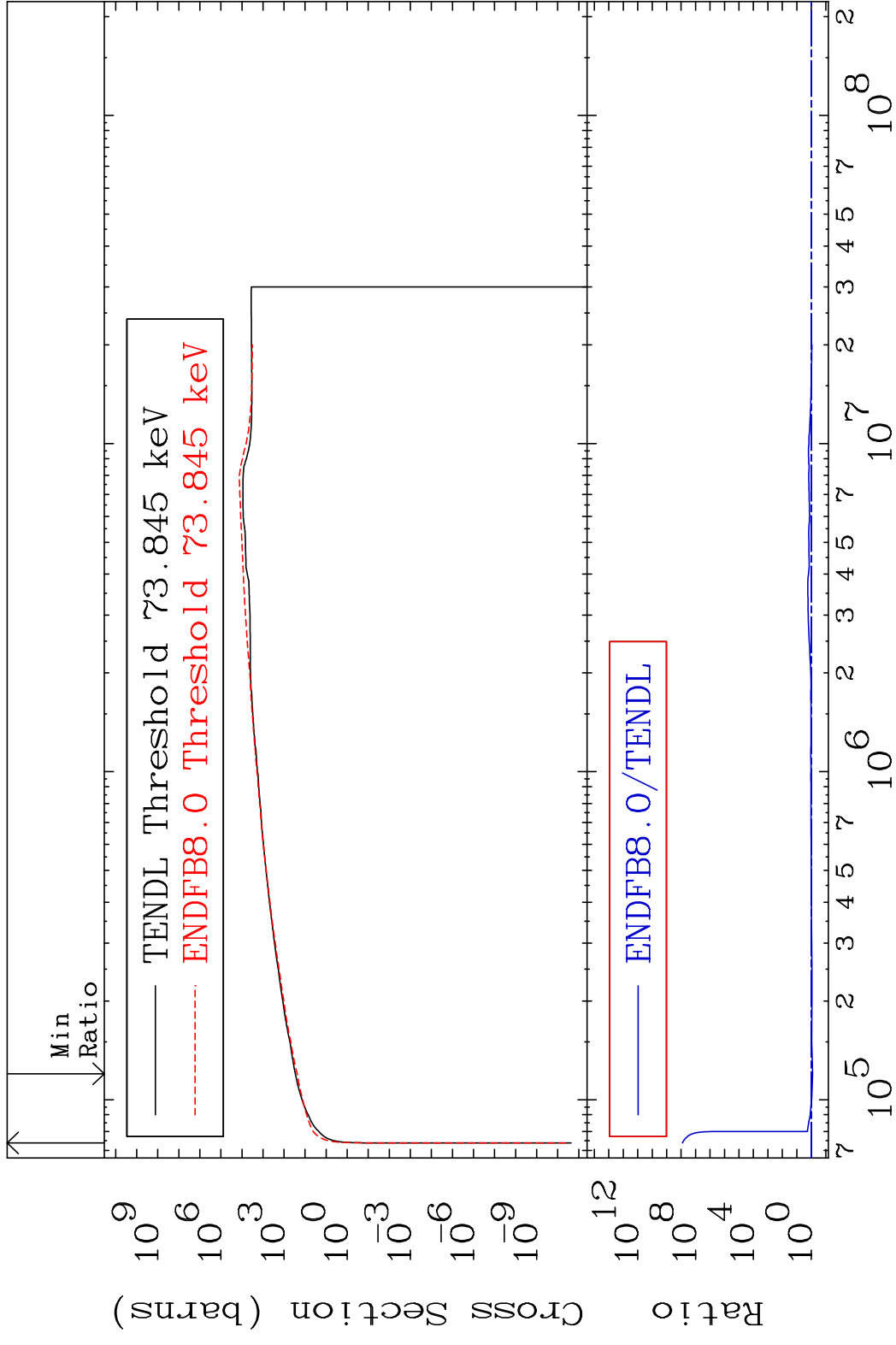


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Incident Energy (eV)

66-Dy-164

MAT 6649 Dpa inelastic (mt51-91) 66-Dy-164  
 Cross Section -18.61 To 9999. %





MAT 6649 Dpa disappearance (mt102 -120) 66-Dy-164  
 Cross Section -87.77 To 61.96 %

