

Program Complot  
(Version 2021-1)

by

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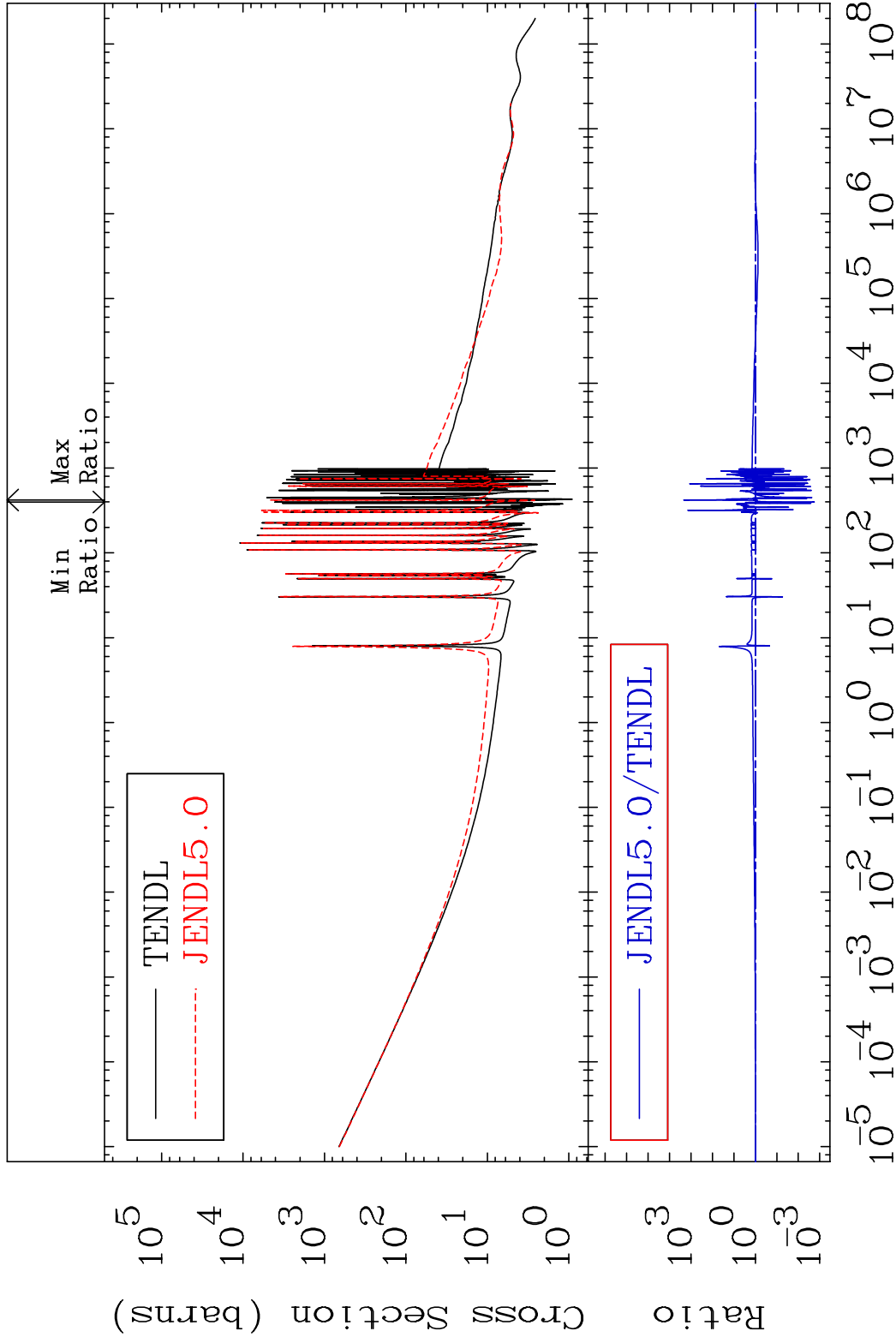
Press Mouse Button to Start

MAT 6831

Total

68-Er-164

Cross Section -99.82 To 9999. %



1

Incident Energy (eV)

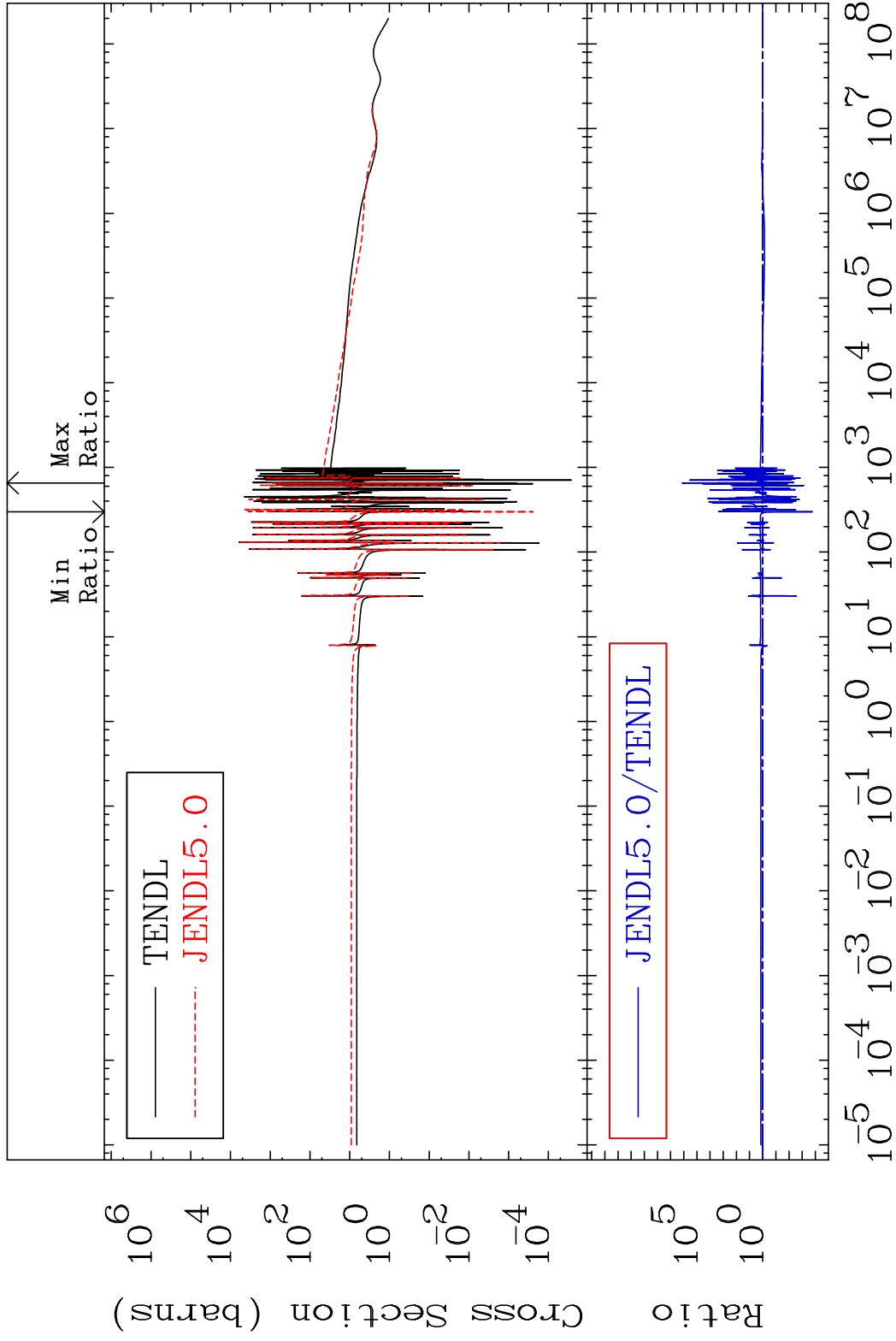
68-Er-164

MAT 6831

Elastic

68-Er-164

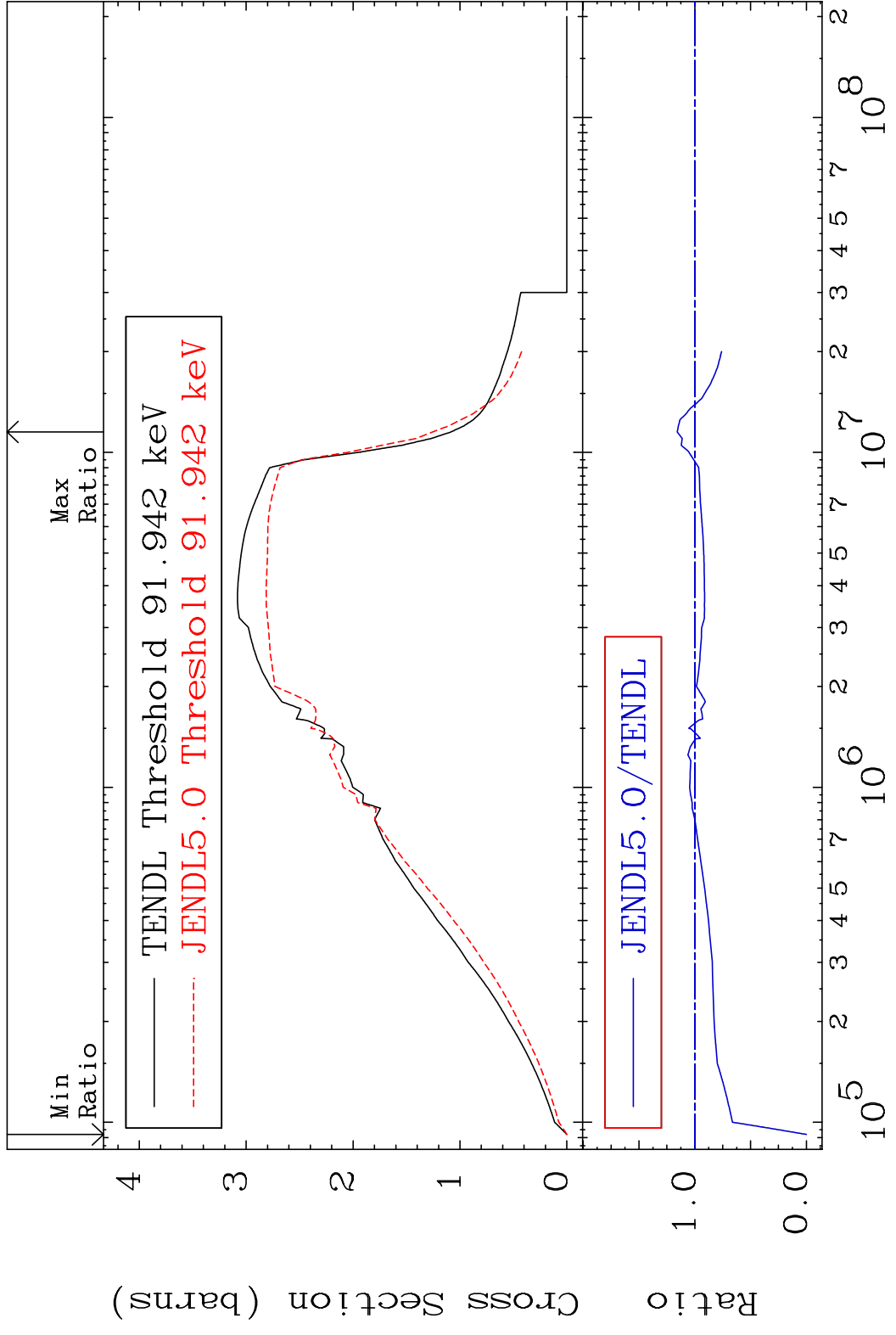
Cross Section -99.98 To 9999. %



2

68-Er-164

MAT 6831 Inelastic Cross Section -100.0 To 15.76 % 68-Er-164



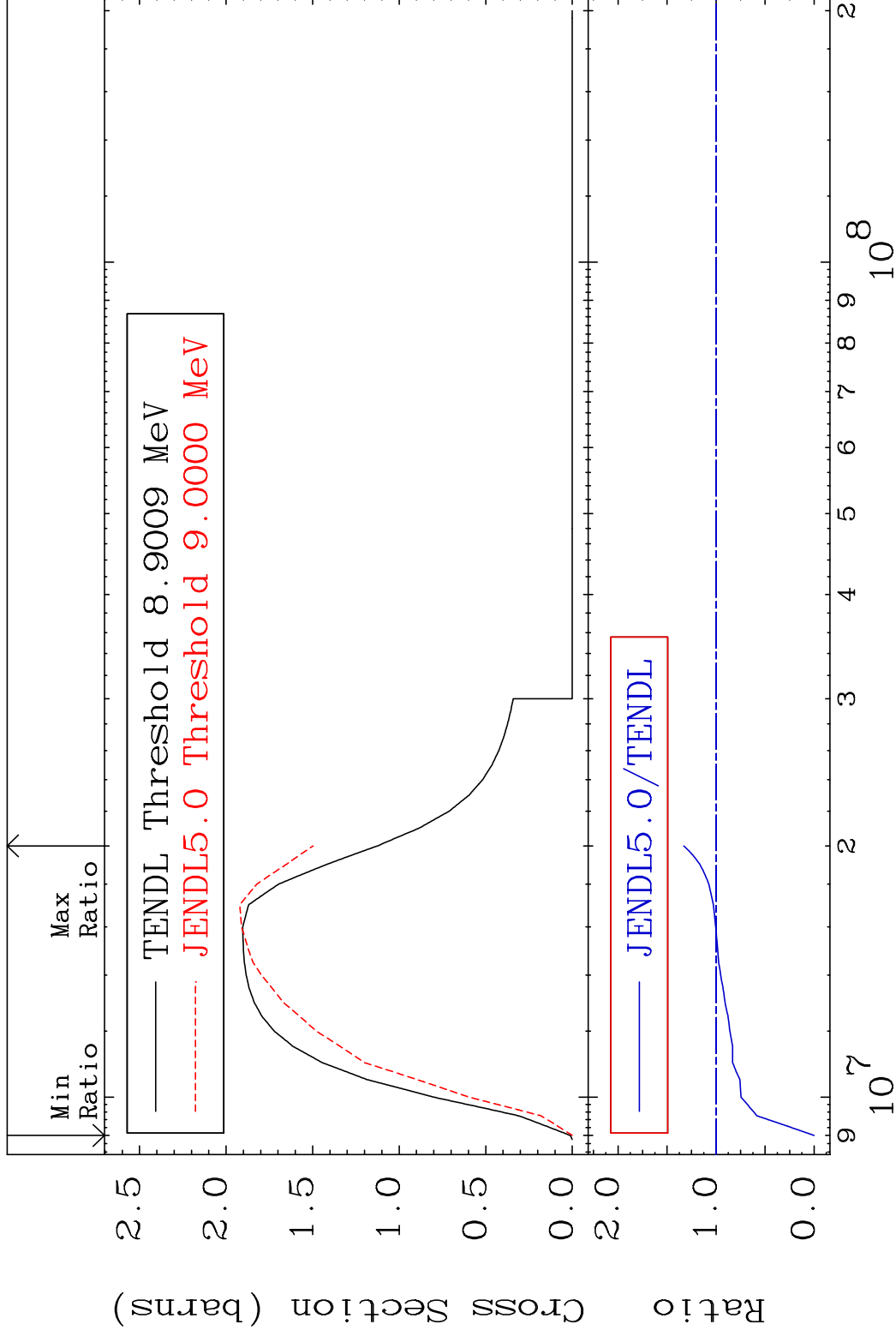
3 Incident Energy (eV) 68-Er-164

MAT 6831

(n,2n)

68-Er-164

Cross Section -100.0 To 33.06 %



4

Incident Energy (eV)

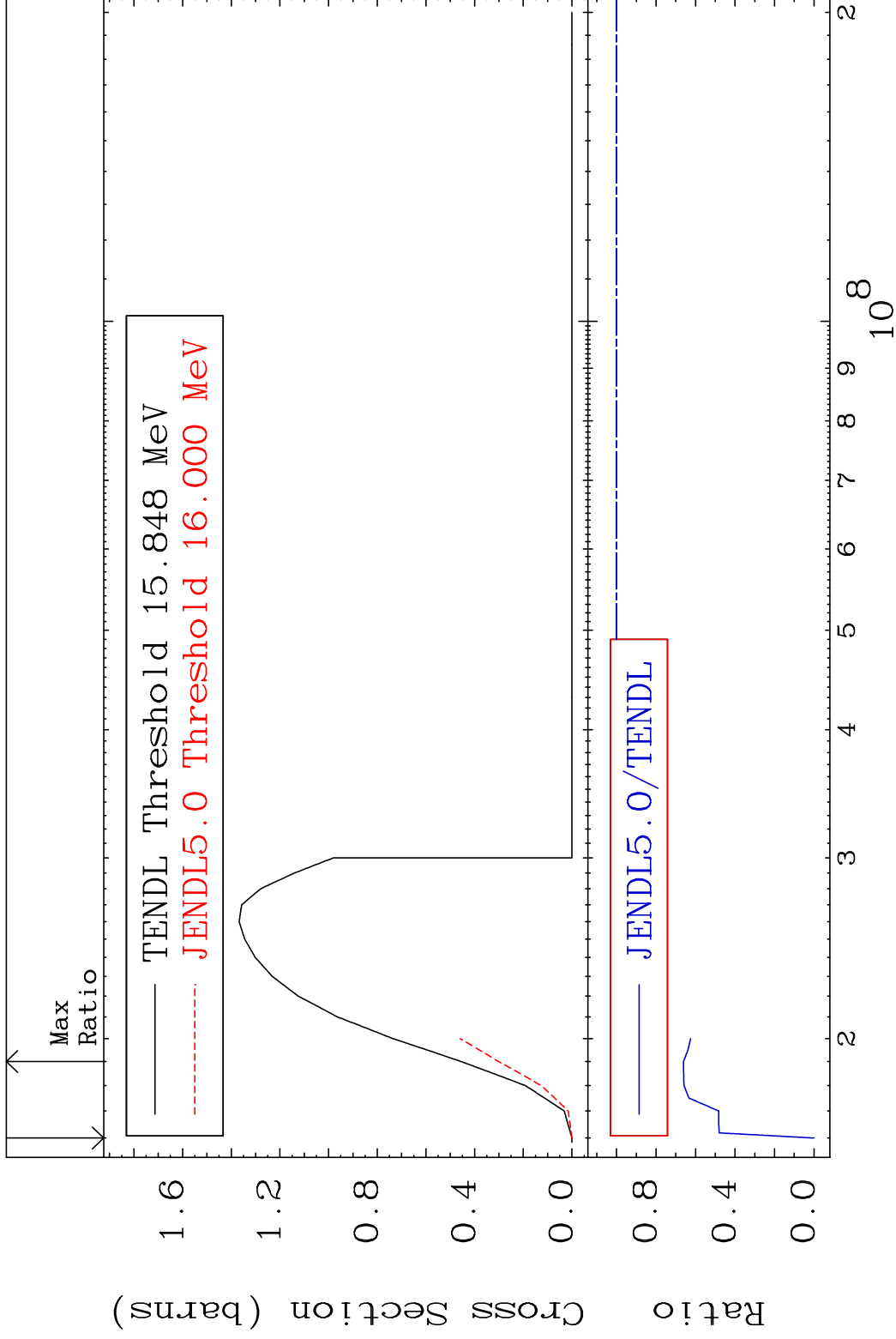
68-Er-164

MAT 6831

(n,3n)

68-Er-164

Cross Section -100.0 To -33.87%



5

Incident Energy (eV)

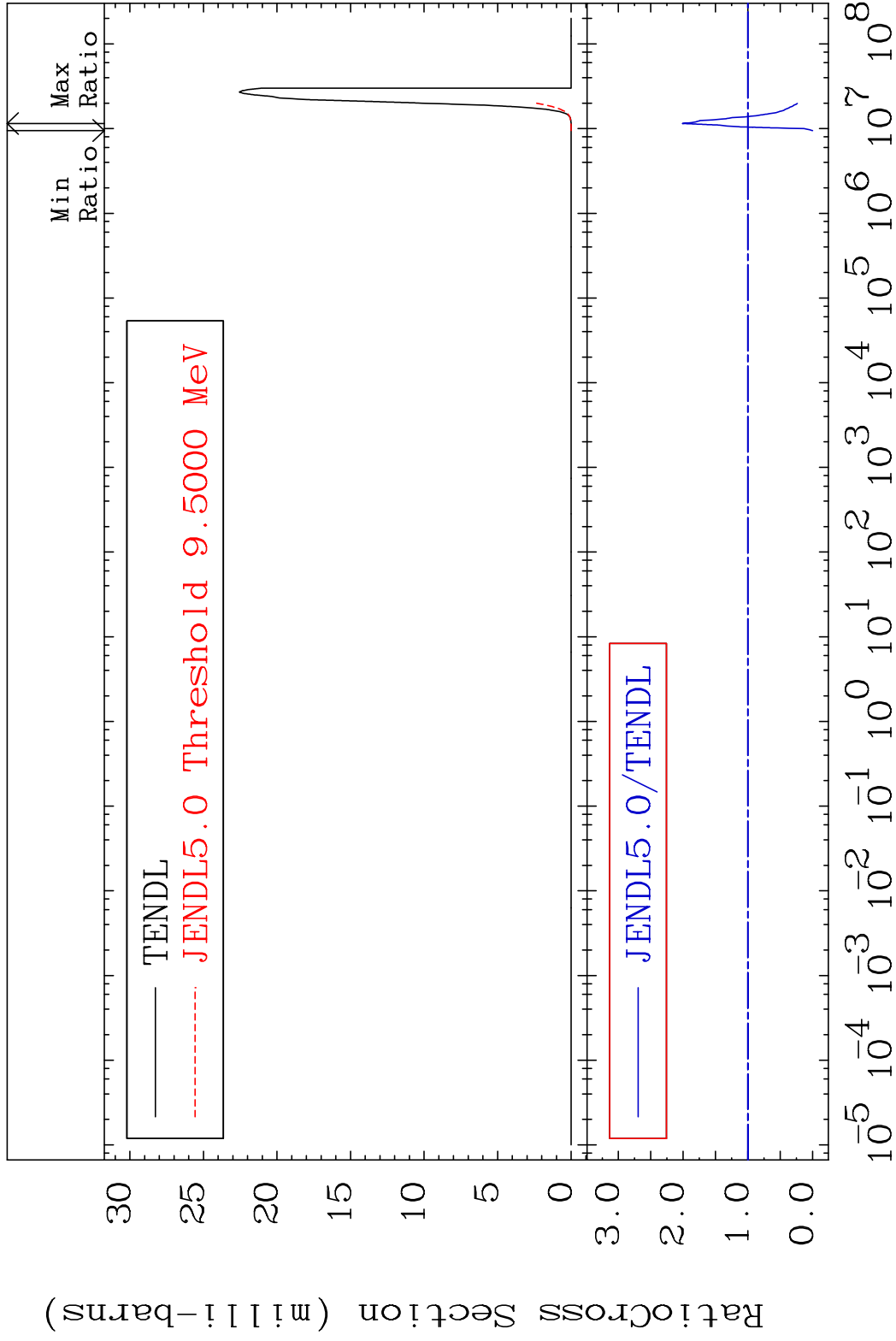
68-Er-164

MAT 6831

(n, n')  $\alpha$

68-Er-164

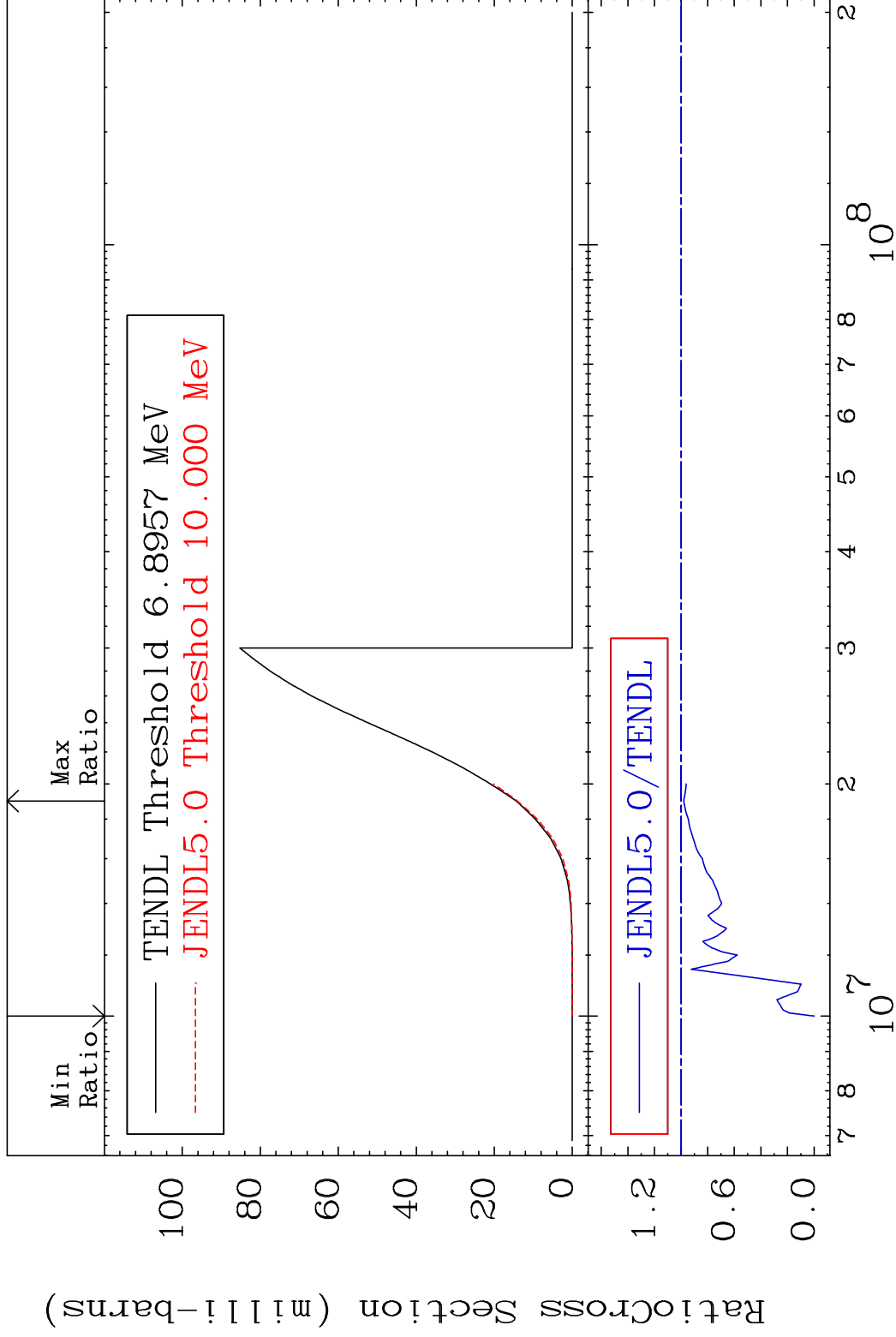
Cross Section -100.0 To 101.2 %



MAT 6831

(n, n') p 68-Er-164

Cross Section -100.0 To -1.933%



7

Incident Energy (eV)

68-Er-164

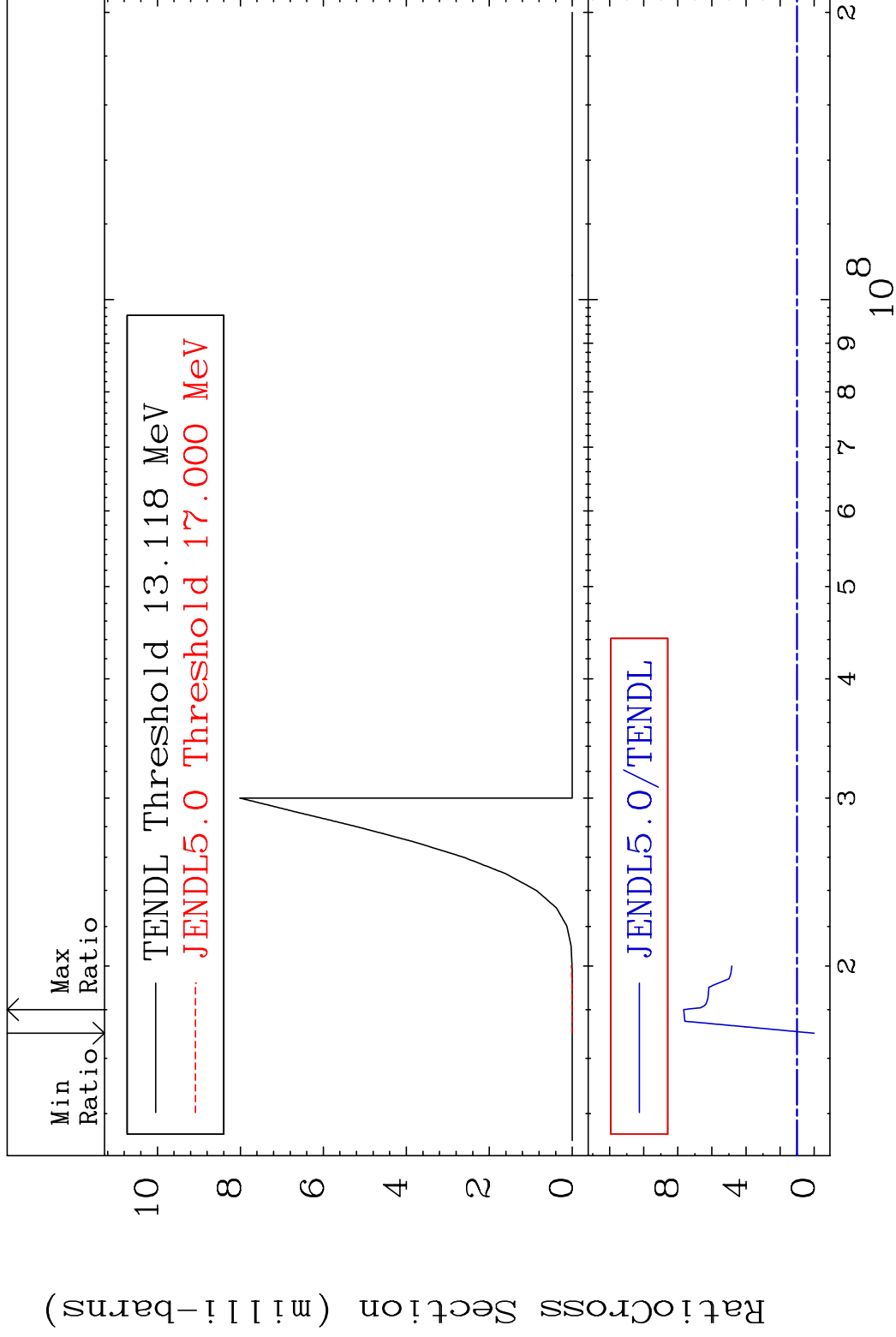


MAT 6831

(n, n') d

68-Er-164

Cross Section -100.0 To 665.8 %



8

Incident Energy (eV)

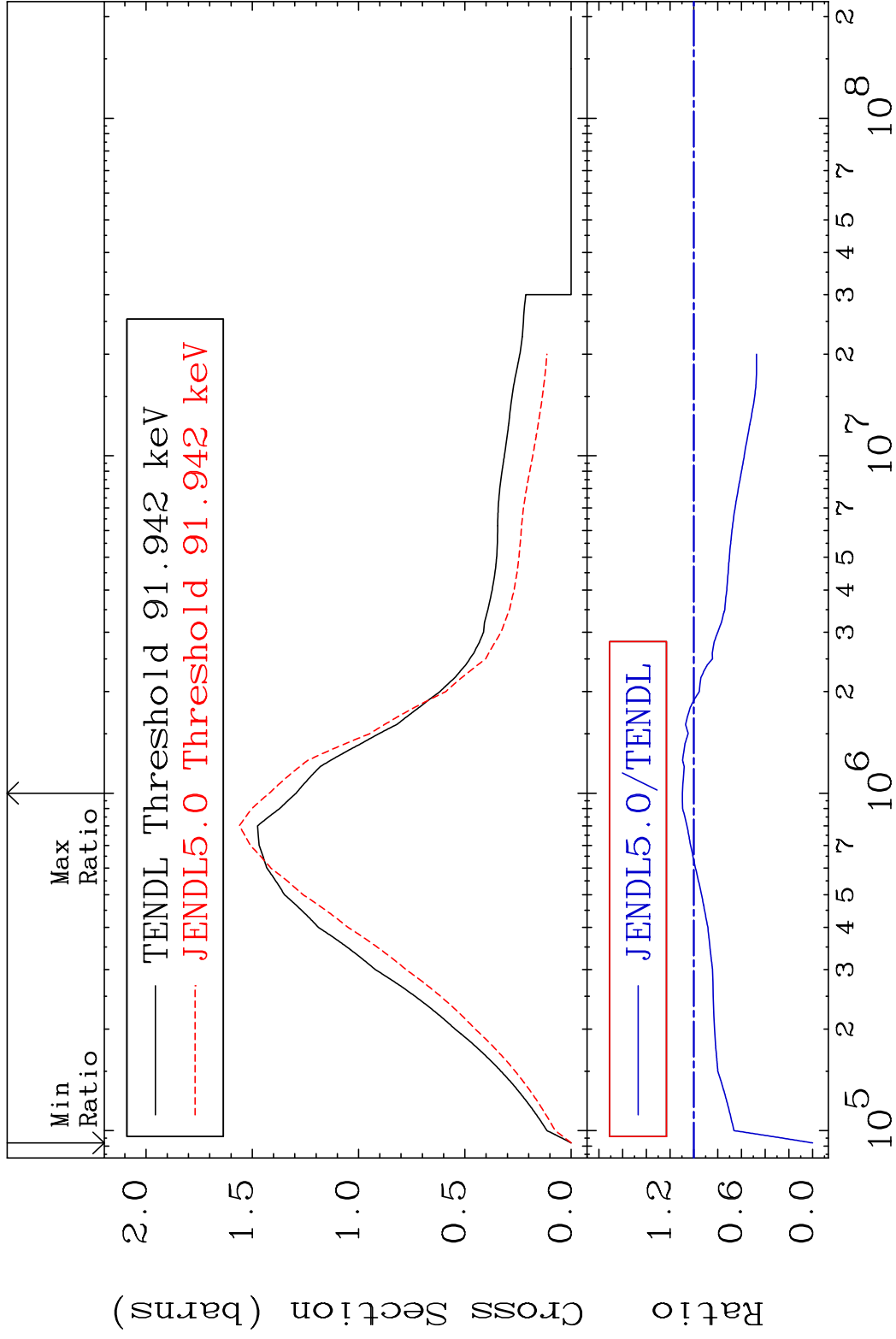
68-Er-164

MAT 6831

MT= 51 (n, n') Level

68-Er-164

Cross Section -100.0 To 9.721 %

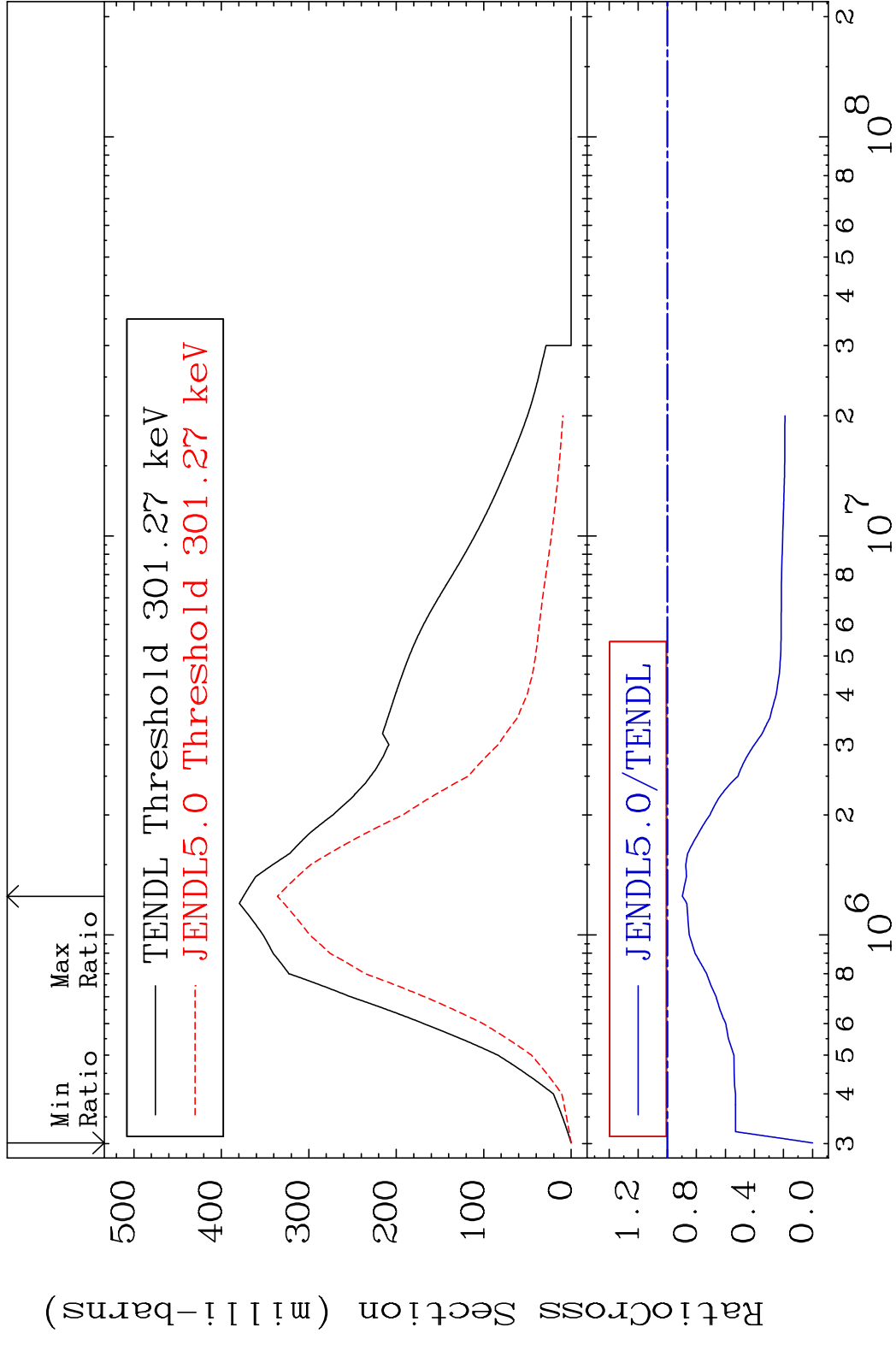


9

Incident Energy (eV)

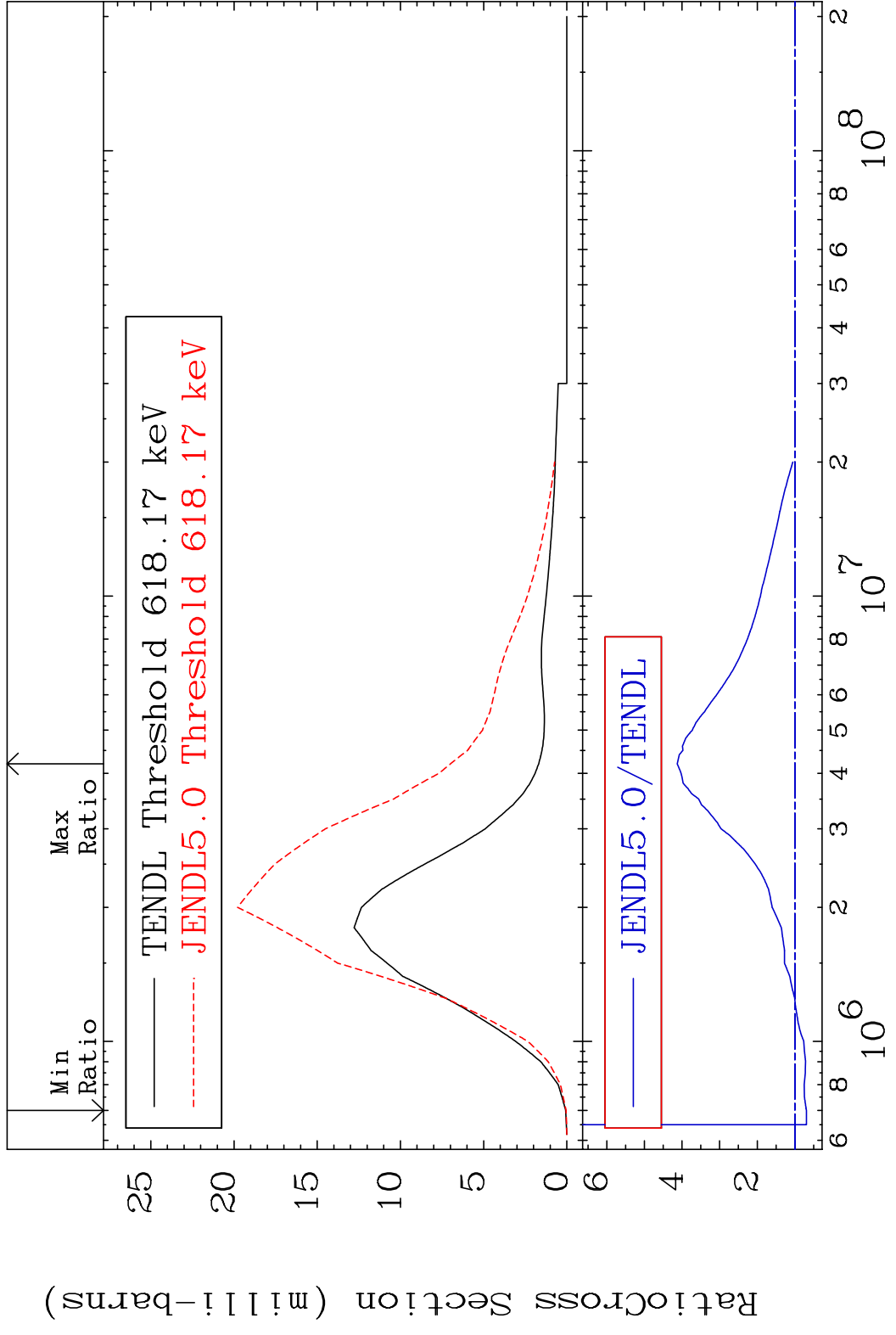
68-Er-164

MAT 6831 MT= 52 (n, n') Level 68-Er-164  
 Cross Section -100.0 To -10.36%

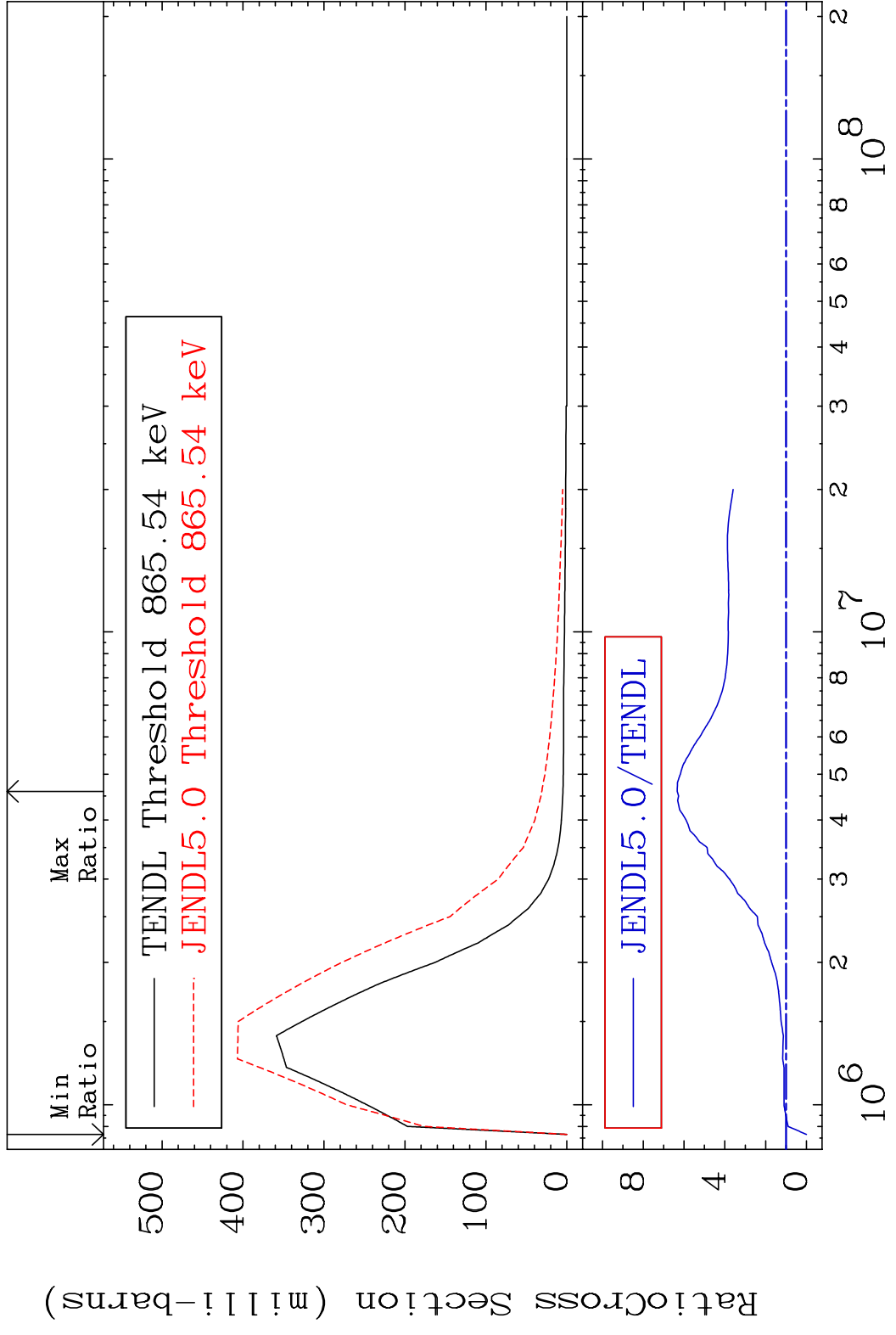


10 Incident Energy (eV) 68-Er-164

MAT 6831 MT= 53 (n, n') Level 68-Er-164  
 Cross Section -30.73 To 312.9 %

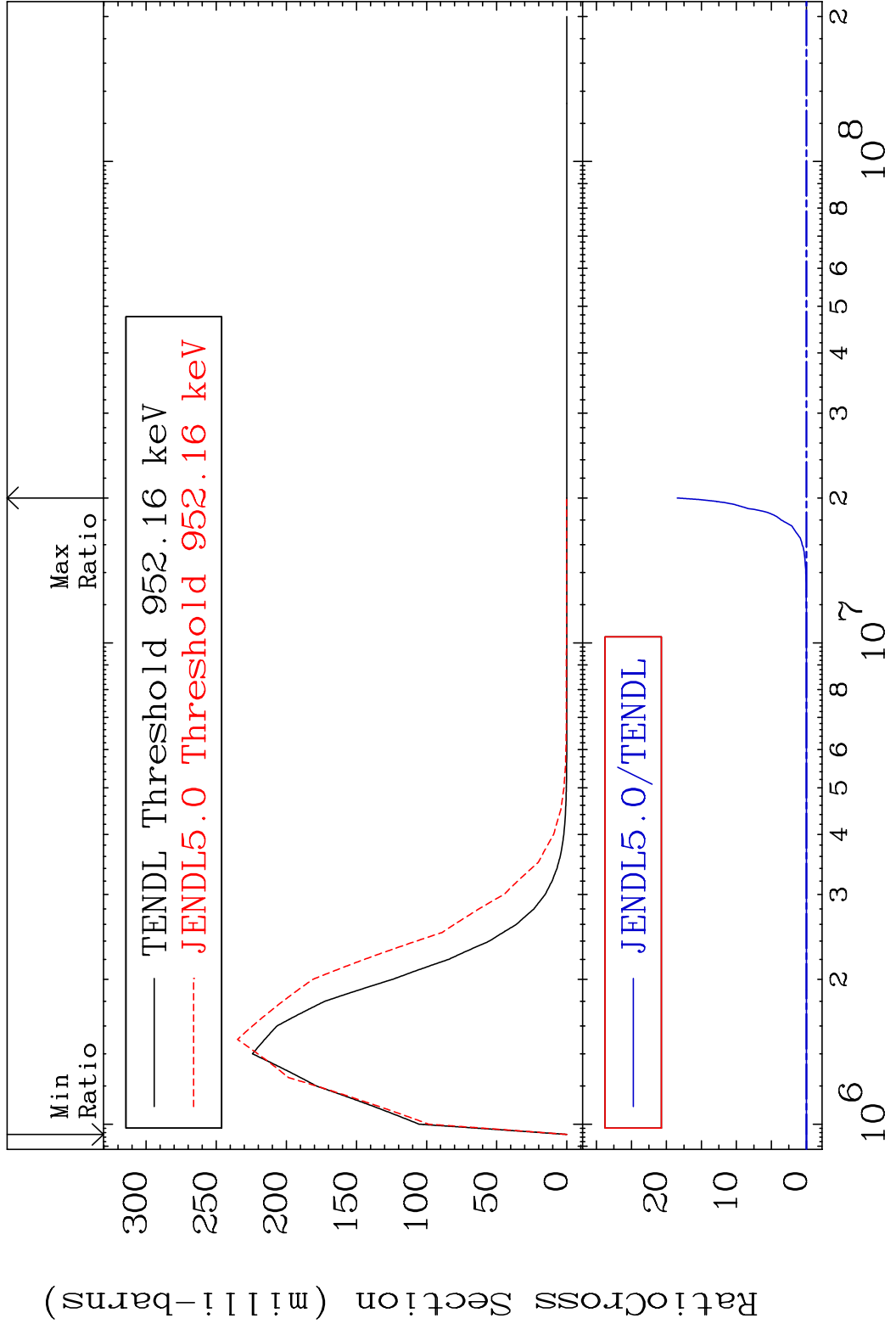


MAT 6831 MT= 54 (n, n') Level 68-Er-164  
 Cross Section -100.0 To 533.8 %



12 Incident Energy (eV) 68-Er-164

MAT 6831 MT= 55 (n, n') Level 68-Er-164  
 Cross Section -100.0 To 9999. %



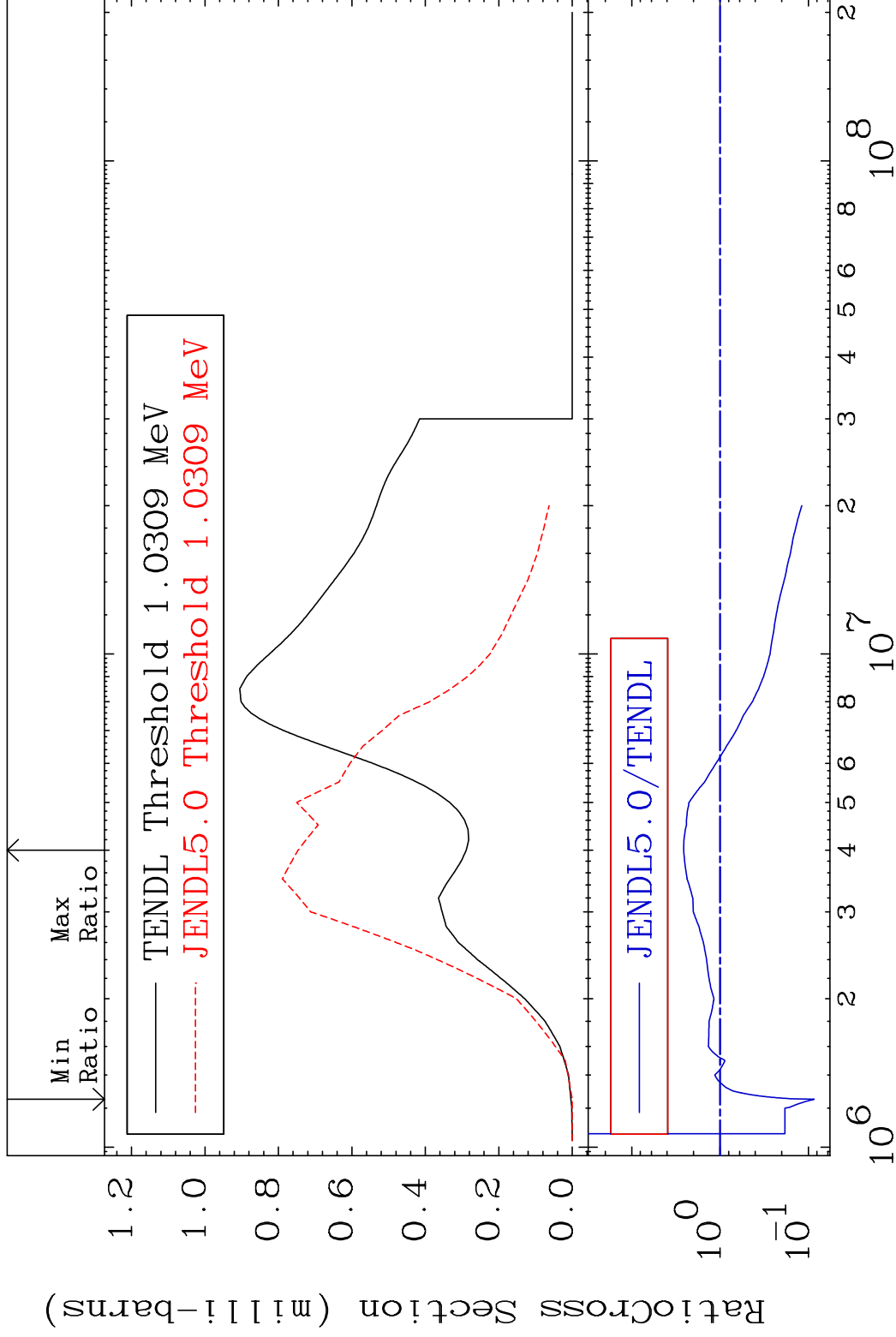
13 Incident Energy (eV) 68-Er-164

MAT 6831

MT= 56 (n,n') Level

68-Er-164

Cross Section -91.39 To 158.7 %

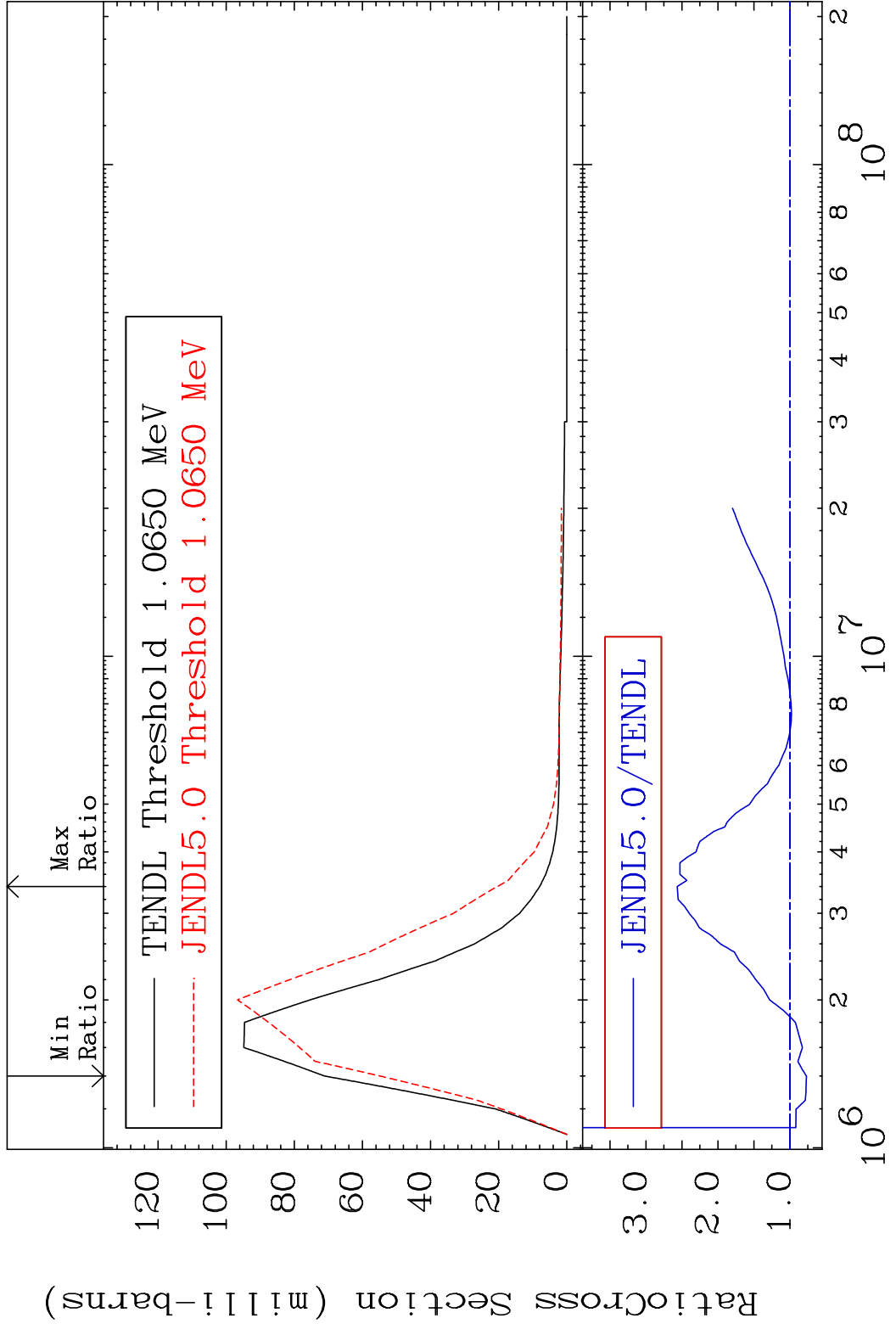


14

Incident Energy (eV)

68-Er-164

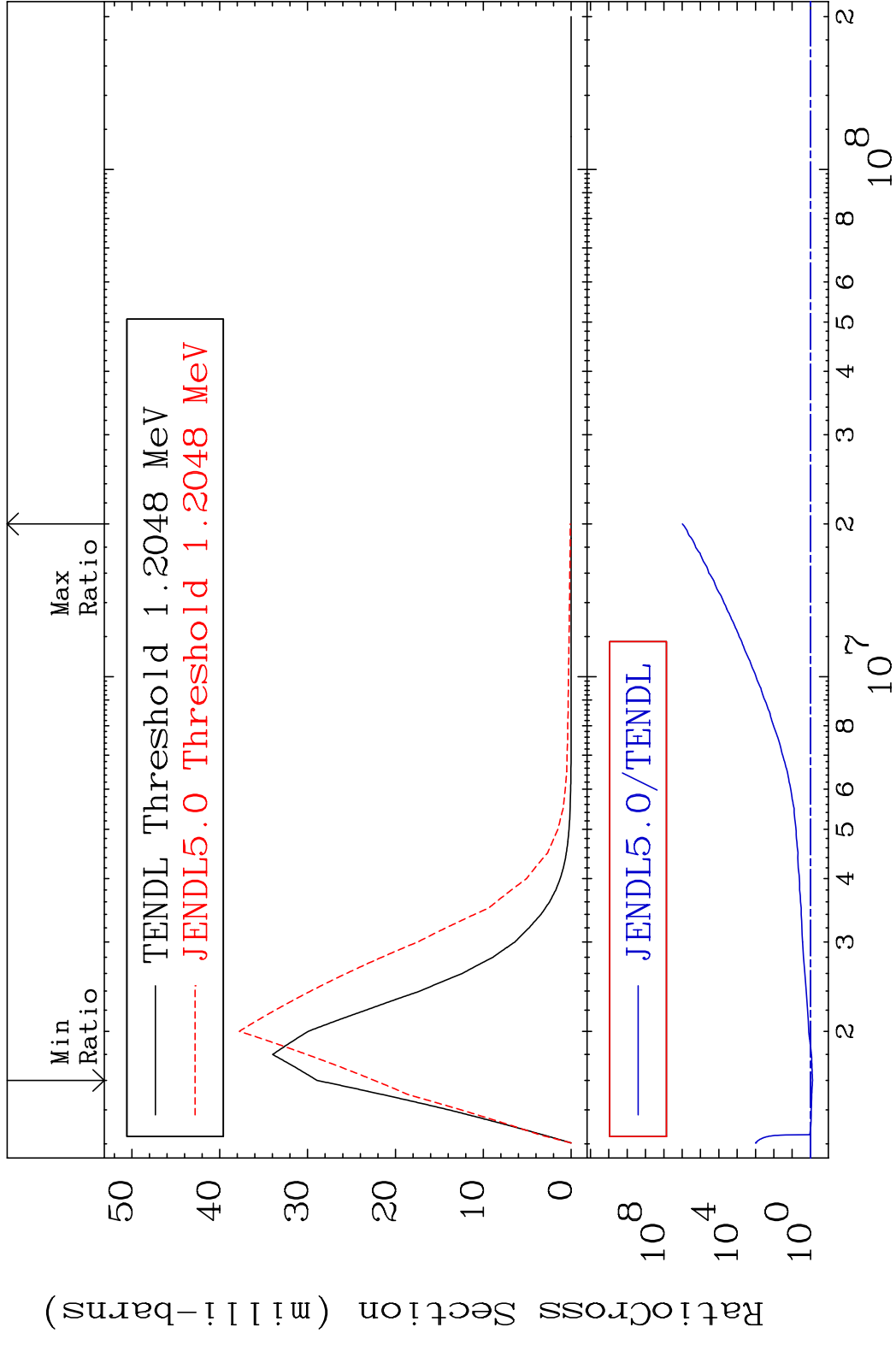
MAT 6831 MT= 57 (n, n') Level 68-Er-164  
 Cross Section -22.89 To 156.6 %



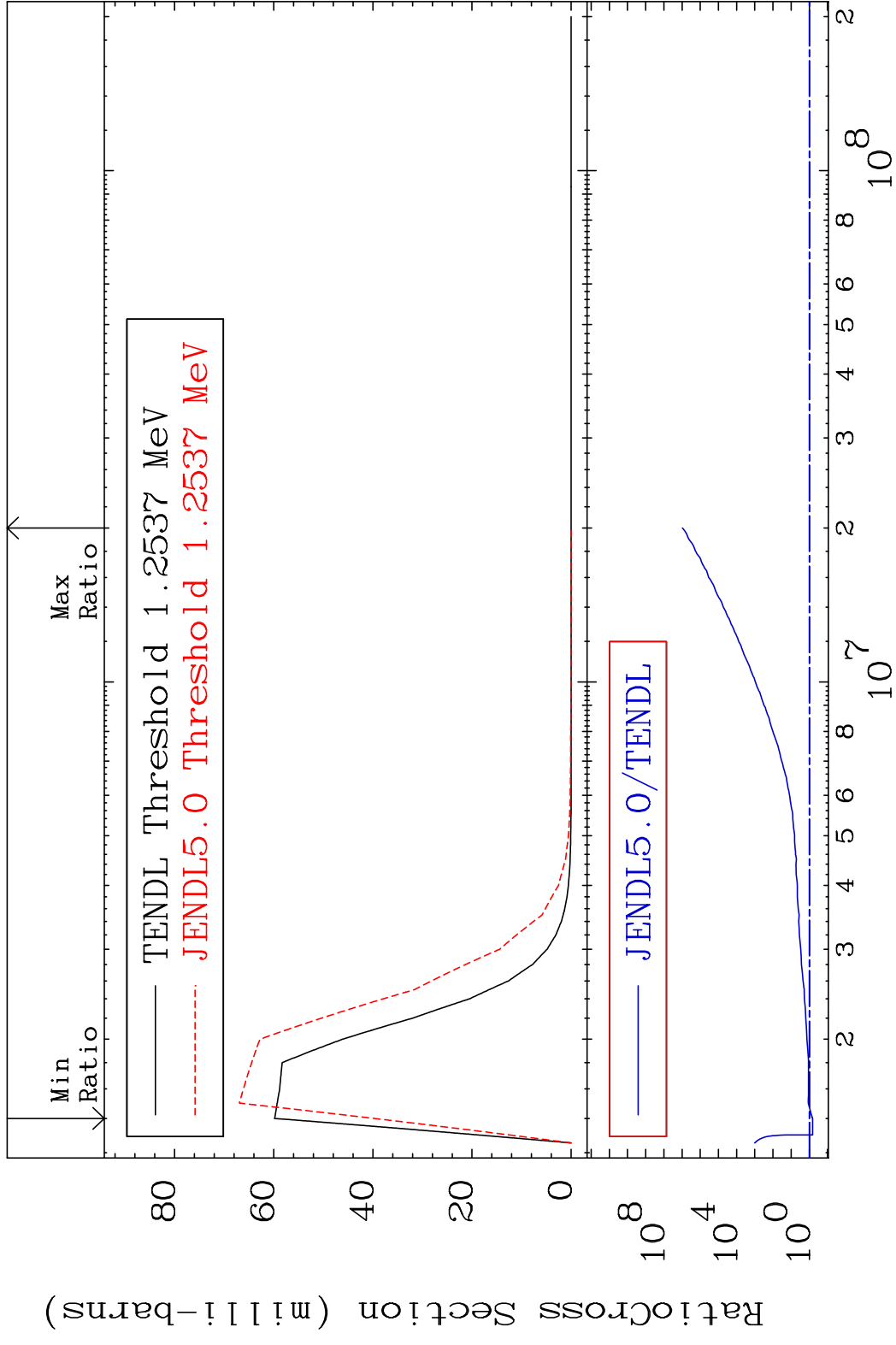
15 Incident Energy (eV) 68-Er-164



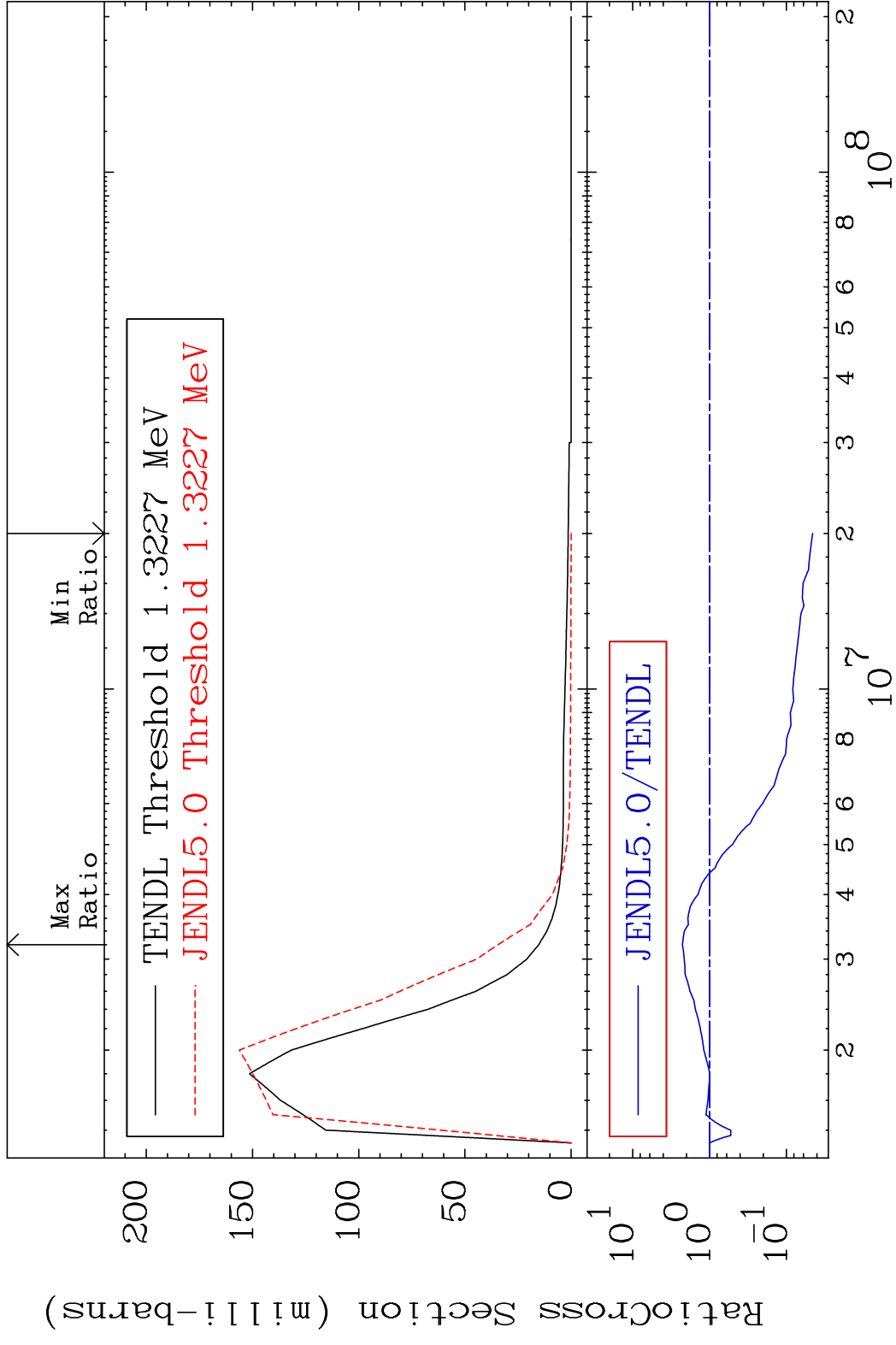
MAT 6831 MT= 58 (n, n') Level 68-Er-164  
 Cross Section -22.58 To 9999. %



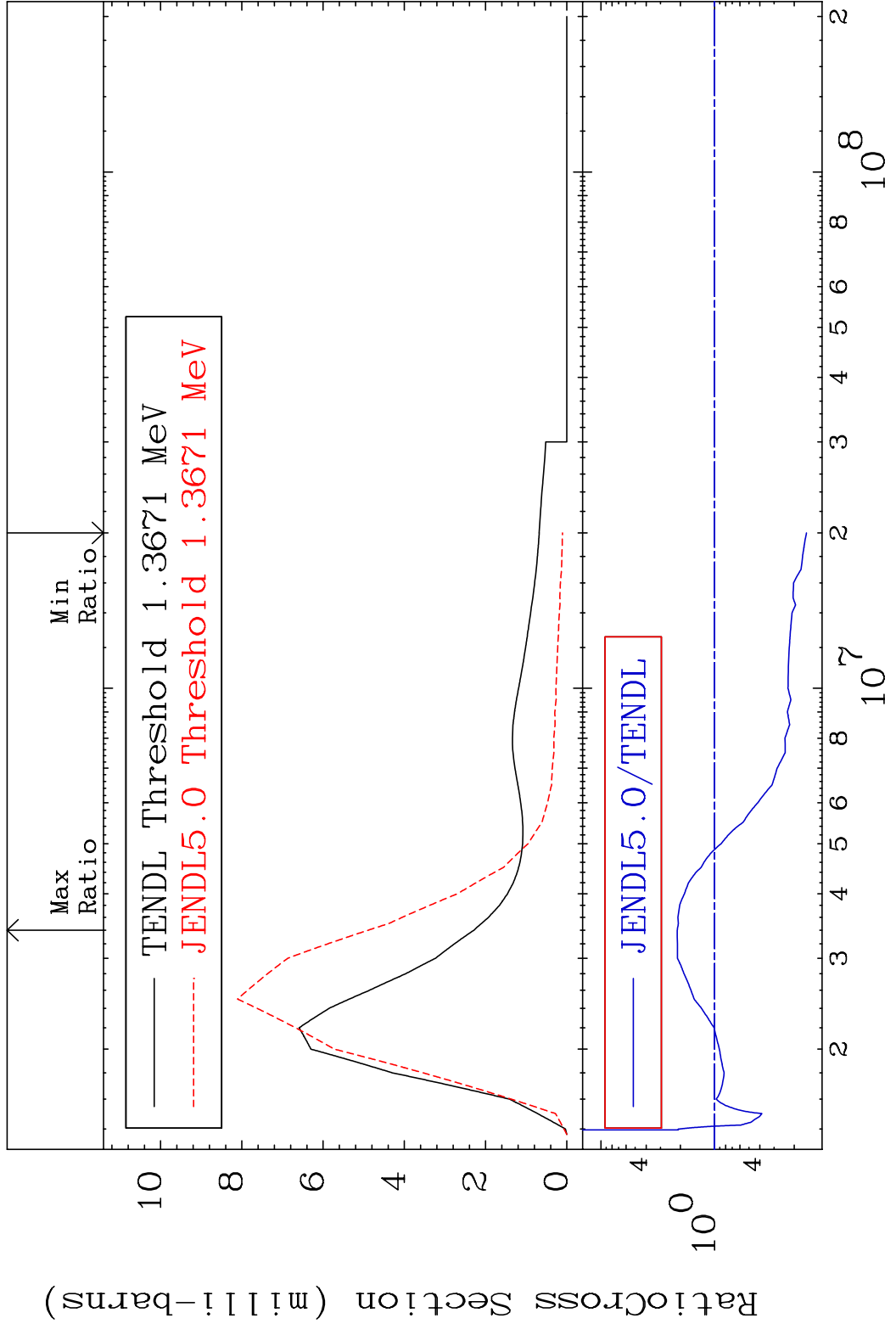
MAT 6831 MT= 59 (n, n') Level 68-Er-164  
 Cross Section -33.52 To 9999. %



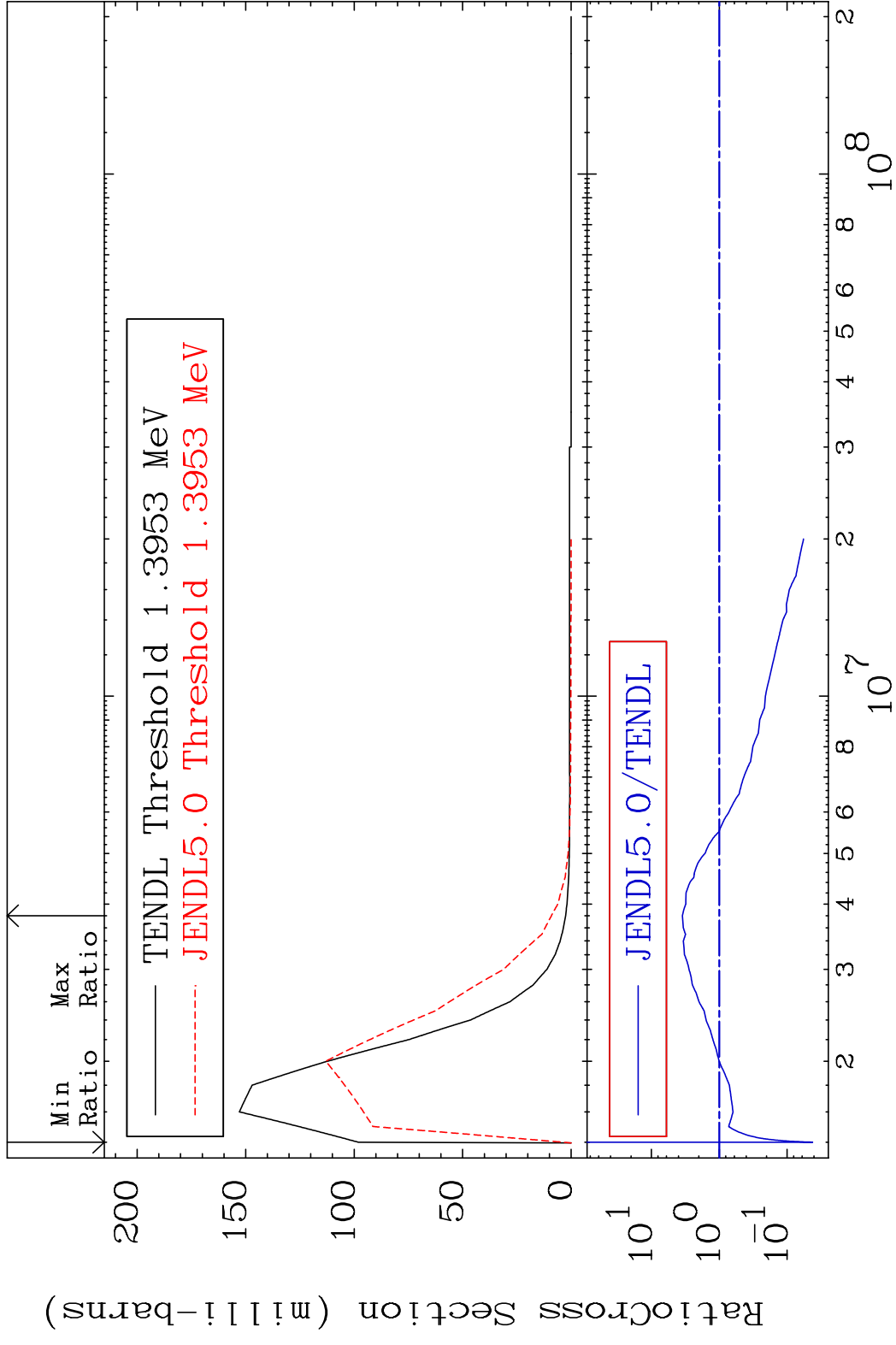
MAT 6831 MT= 60 (n, n') Level 68-Er-164  
 Cross Section -95.43 To 125.7 %



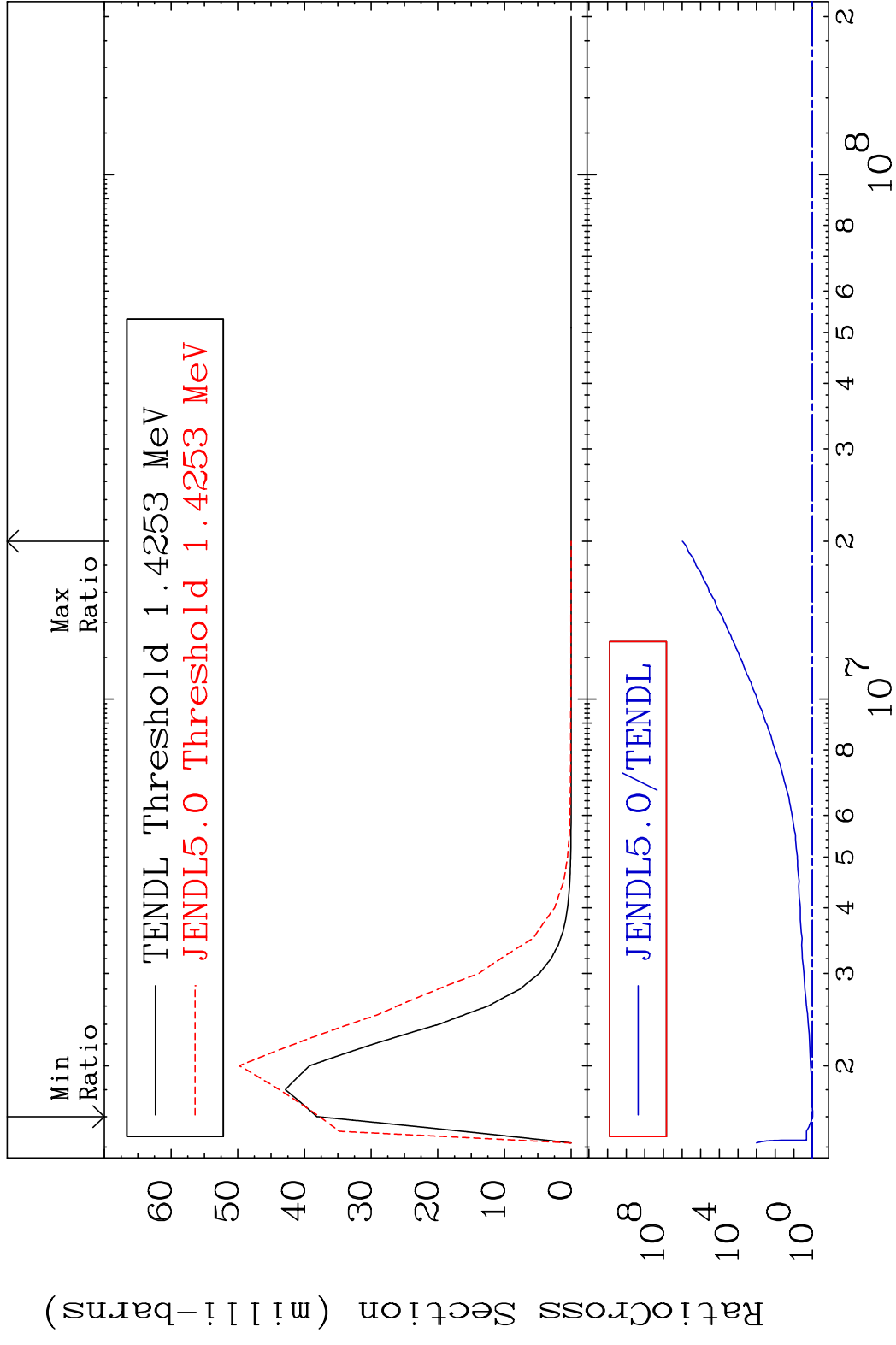
MAT 6831 MT= 61 (n, n') Level 68-Er-164  
 Cross Section -84.39 To 113.6 %



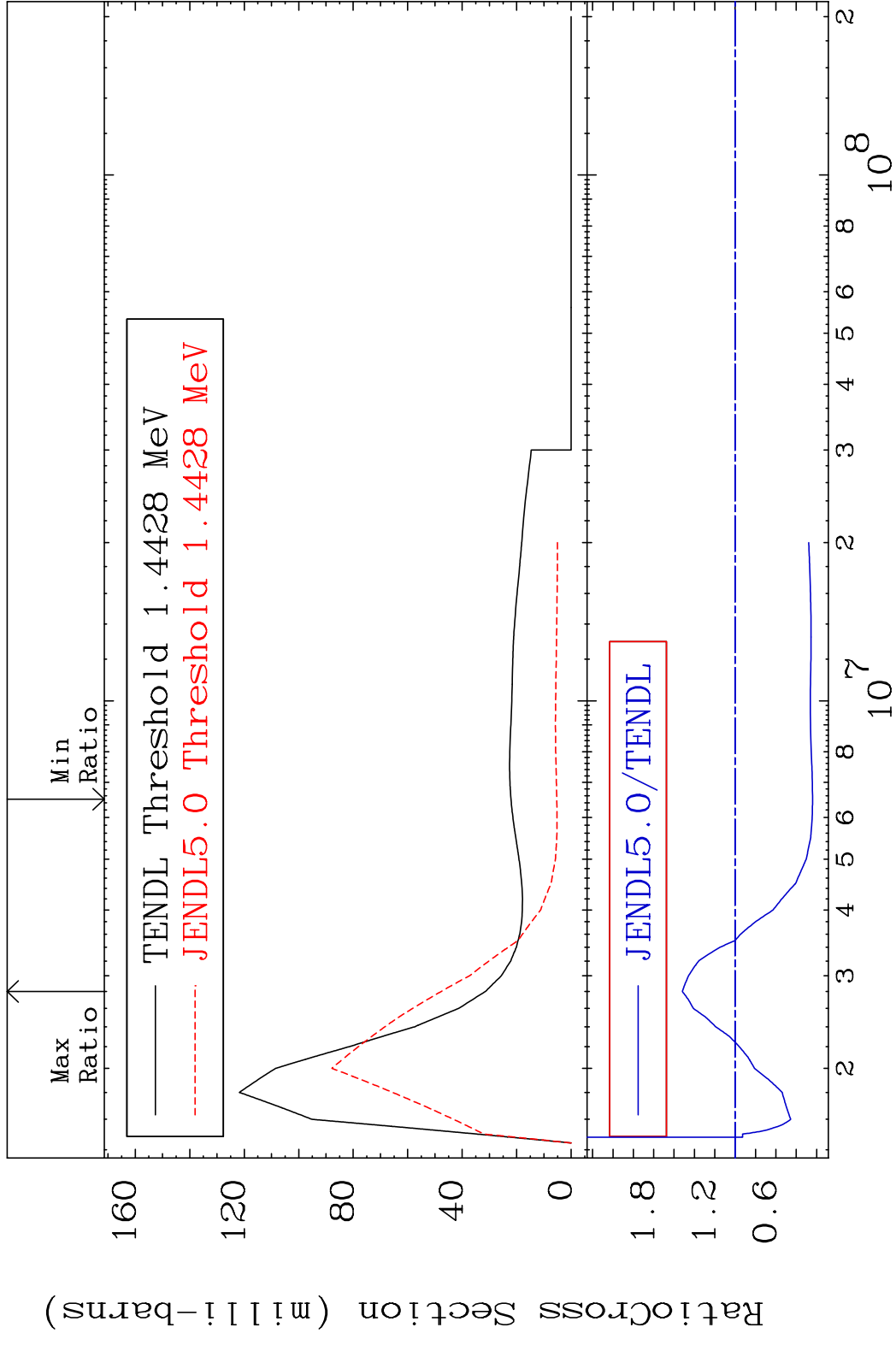
MAT 6831 MT= 62 (n, n') Level 68-Er-164  
 Cross Section -95.79 To 250.0 %



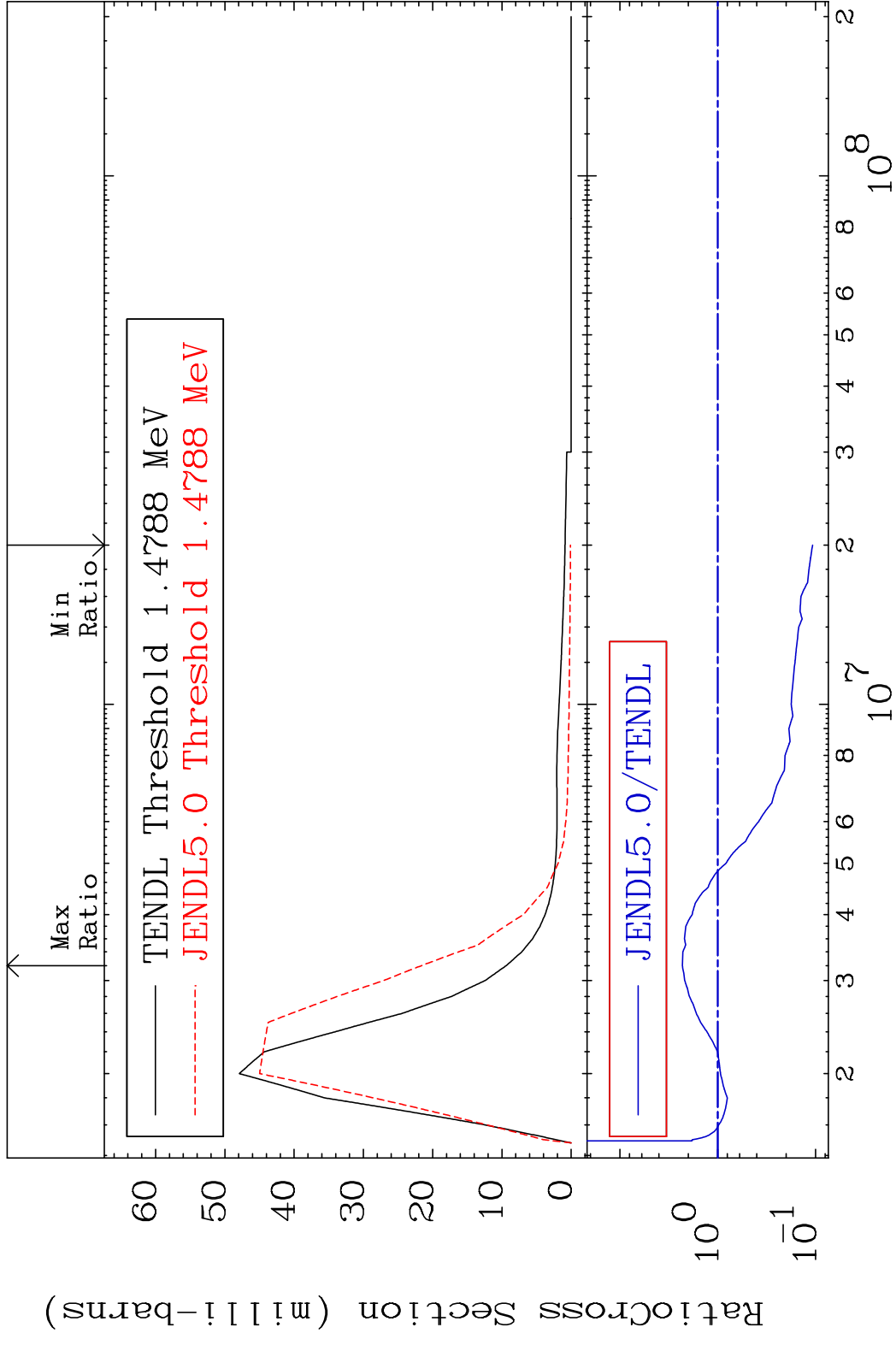
MAT 6831 MT= 63 (n, n') Level 68-Er-164  
 Cross Section -1.019 To 9999. %



MAT 6831 MT= 64 (n, n') Level 68-Er-164  
 Cross Section -76.02 To 51.85 %

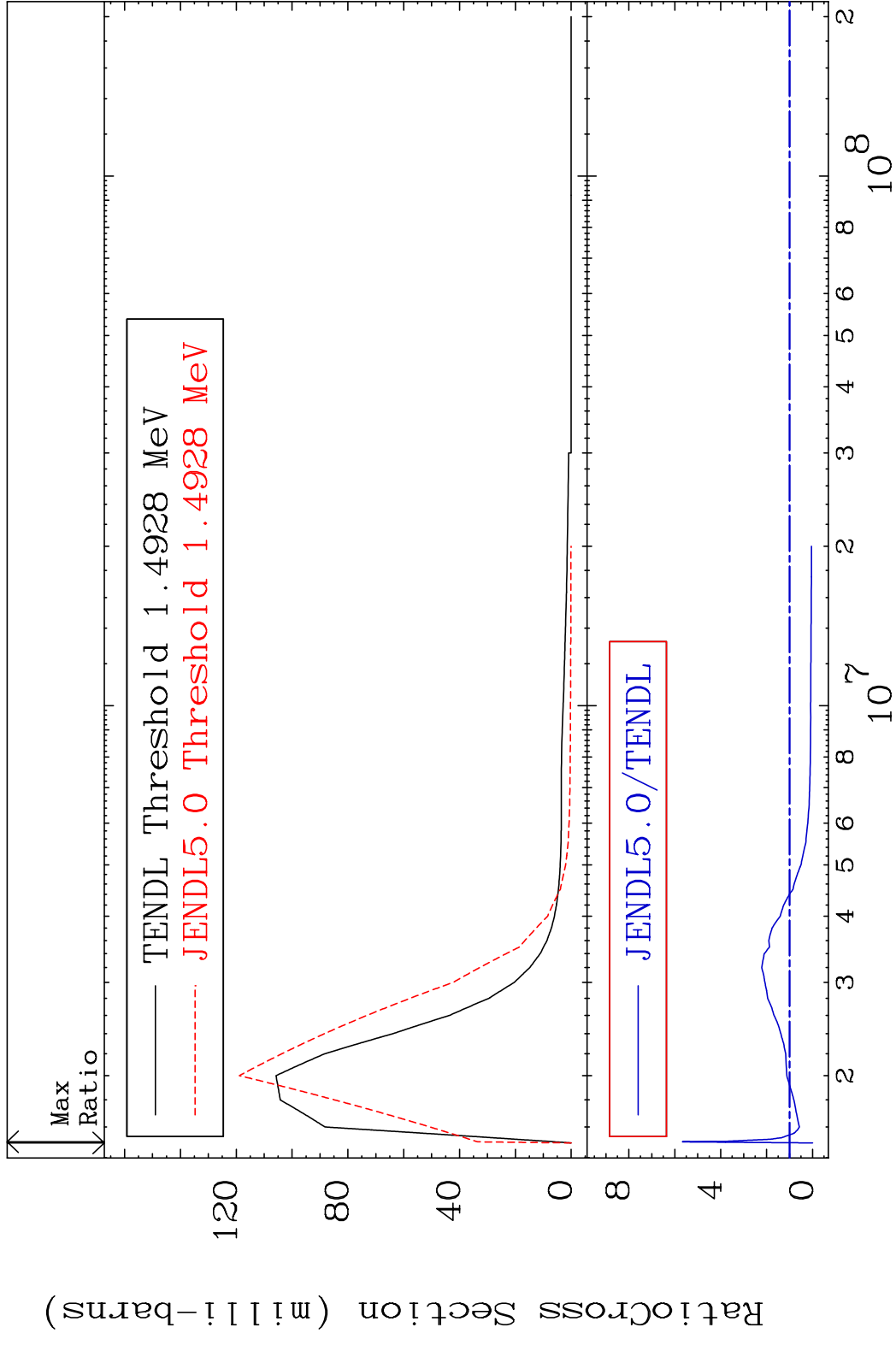


MAT 6831      MT= 65 (n, n') Level      68-Er-164  
 Cross Section      -89.25 To 130.5 %

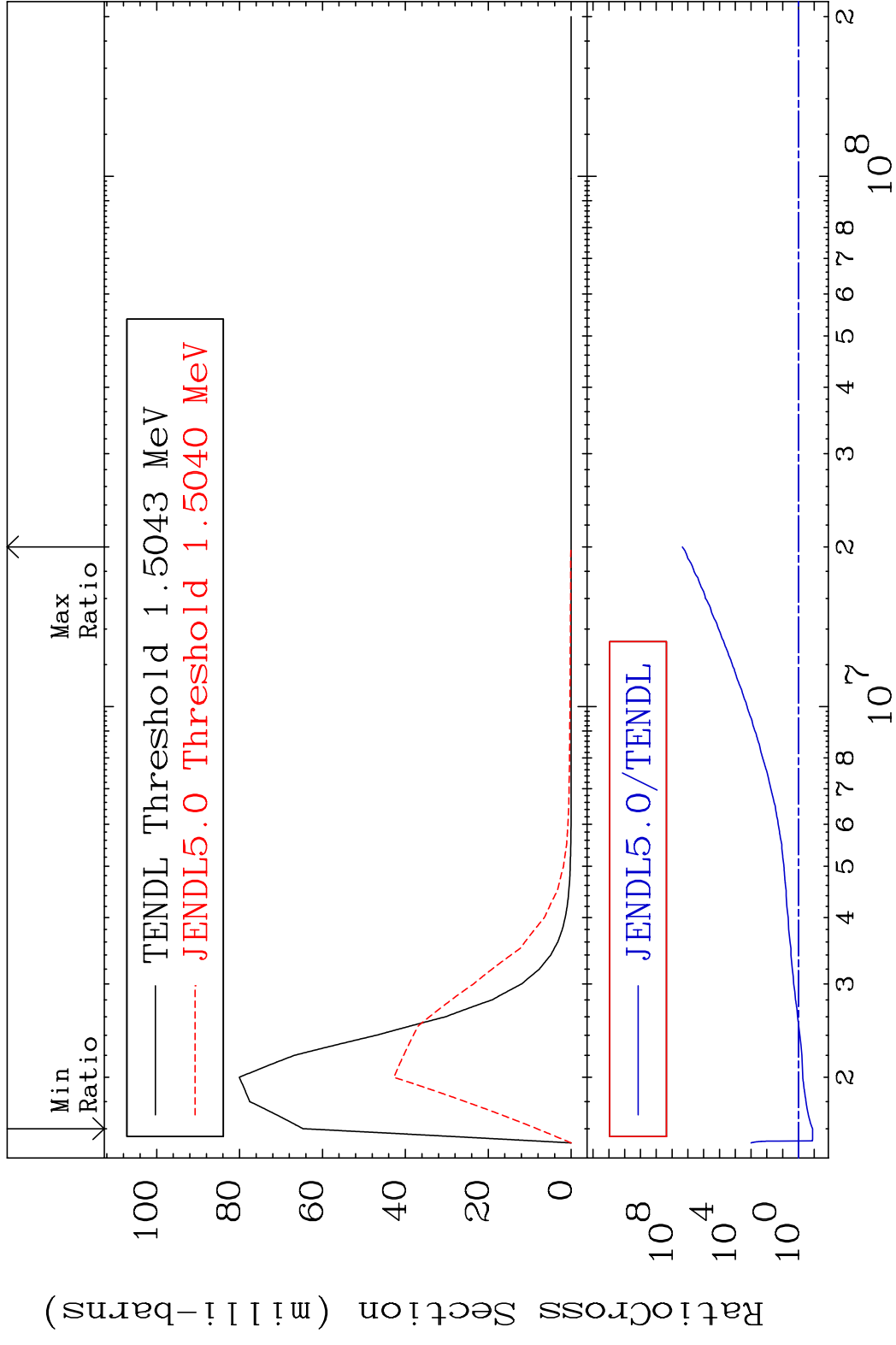




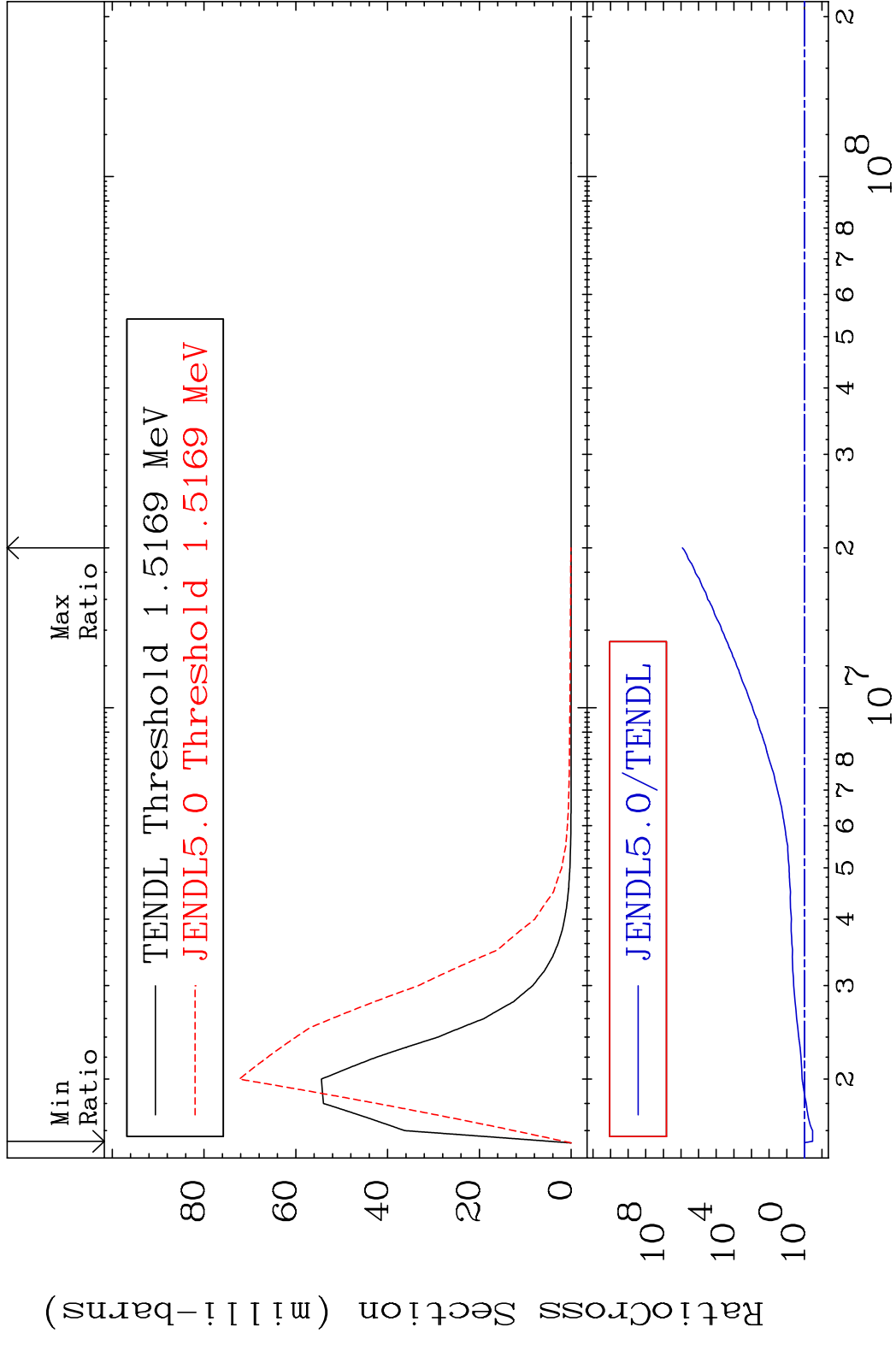
MAT 6831 MT= 66 (n, n') Level 68-Er-164  
 Cross Section -100.0 To 467.1 %



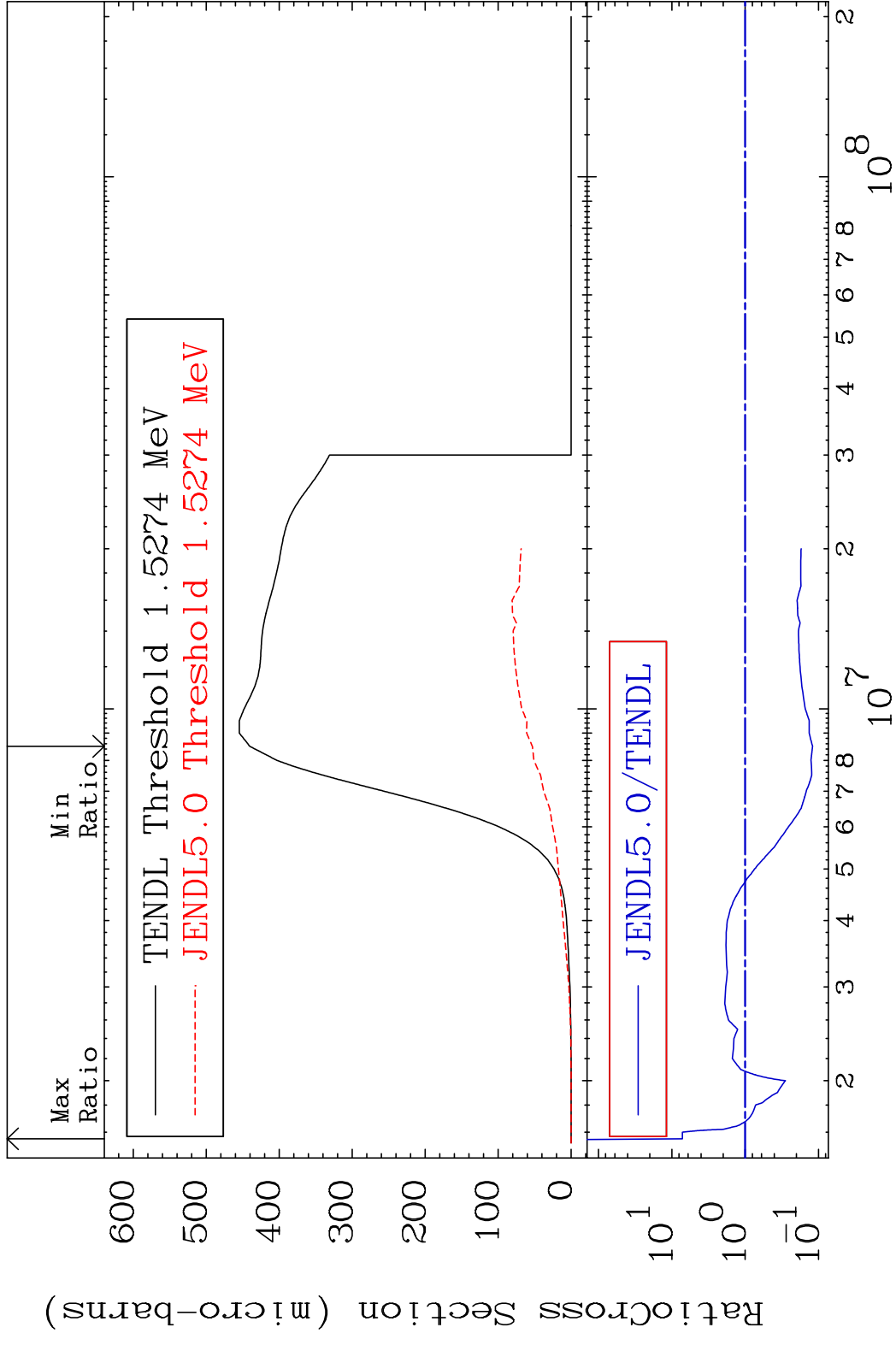
MAT 6831 MT= 67 (n, n') Level 68-Er-164  
 Cross Section -87.20 To 9999. %



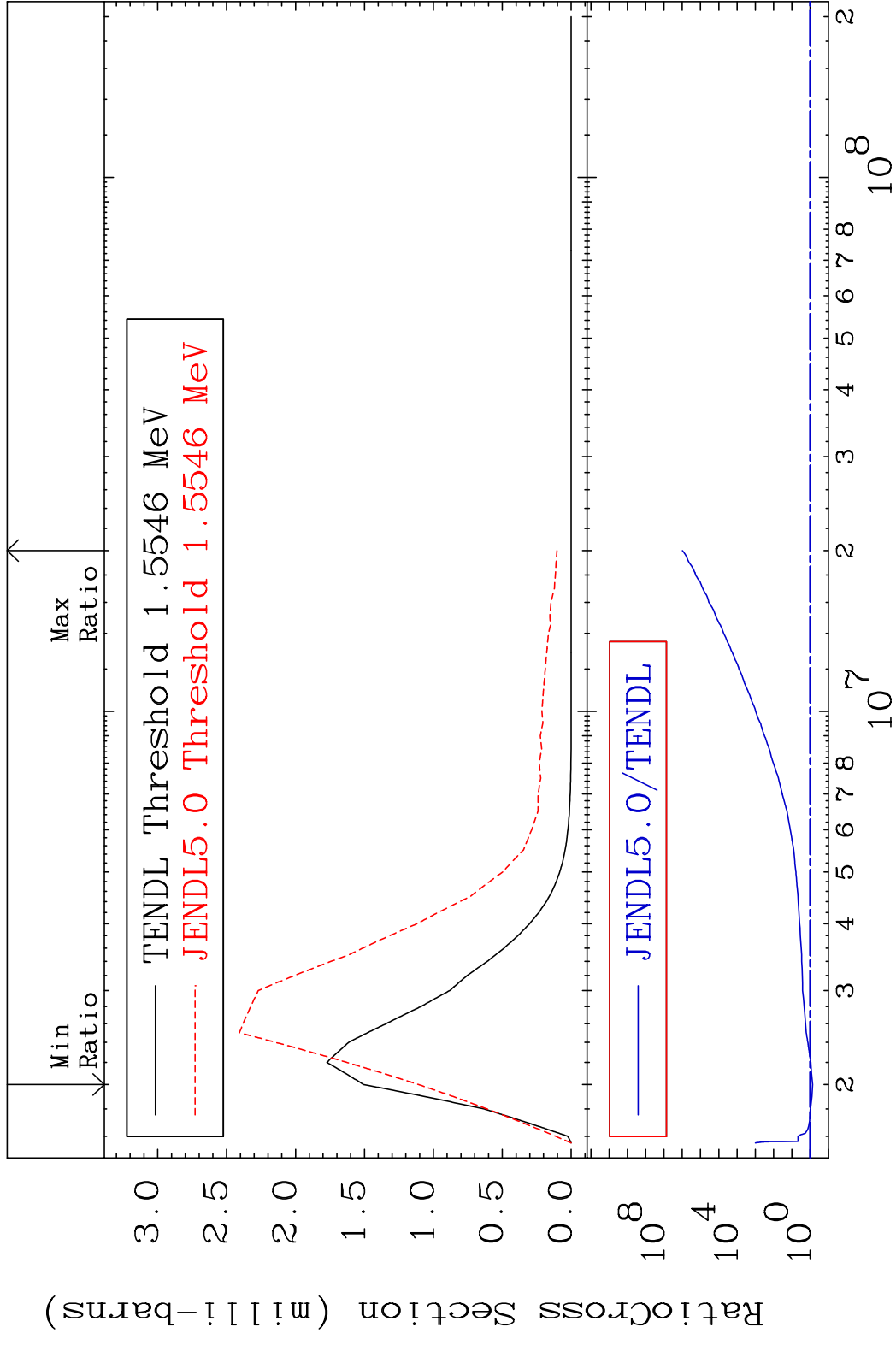
MAT 6831 MT= 68 (n, n') Level 68-Er-164  
 Cross Section -65.73 To 9999. %



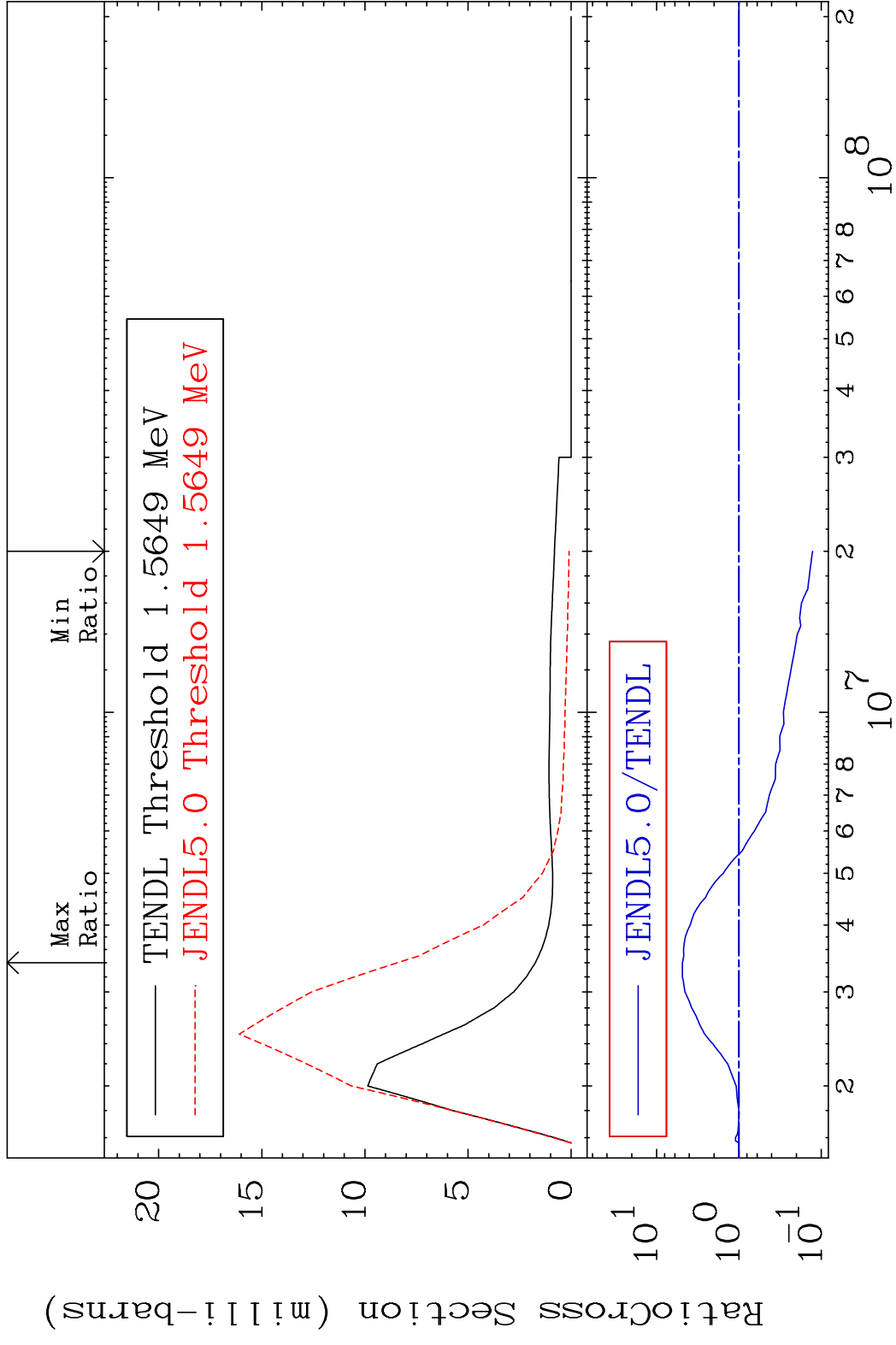
MAT 6831 MT= 69 (n,n') Level 68-Er-164  
 Cross Section -87.94 To 619.1 %



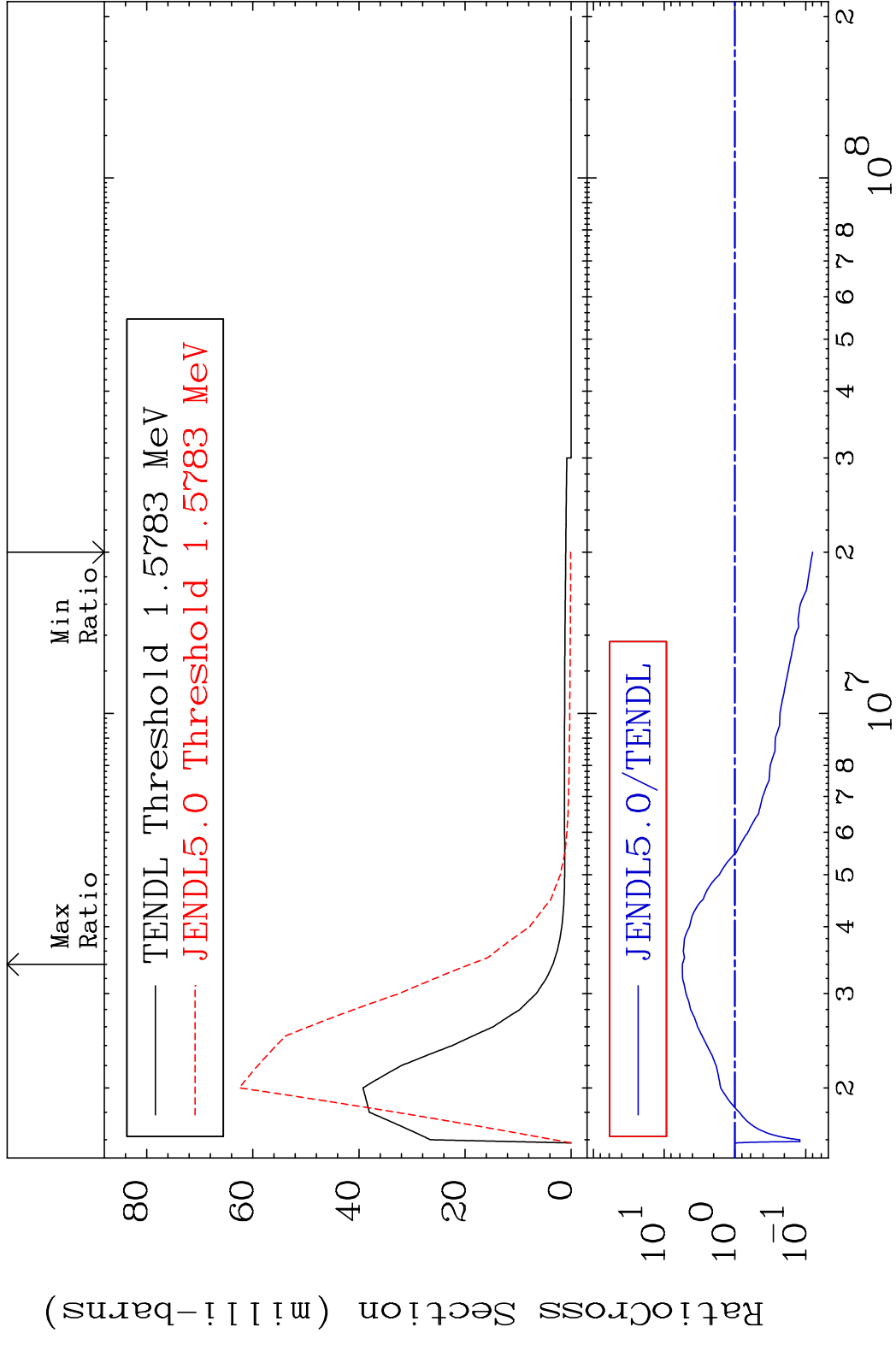
MAT 6831 MT= 70 (n, n') Level 68-Er-164  
 Cross Section -26.48 To 9999. %



MAT 6831 MT= 71 (n, n') Level 68-Er-164  
 Cross Section -87.25 To 385.6 %

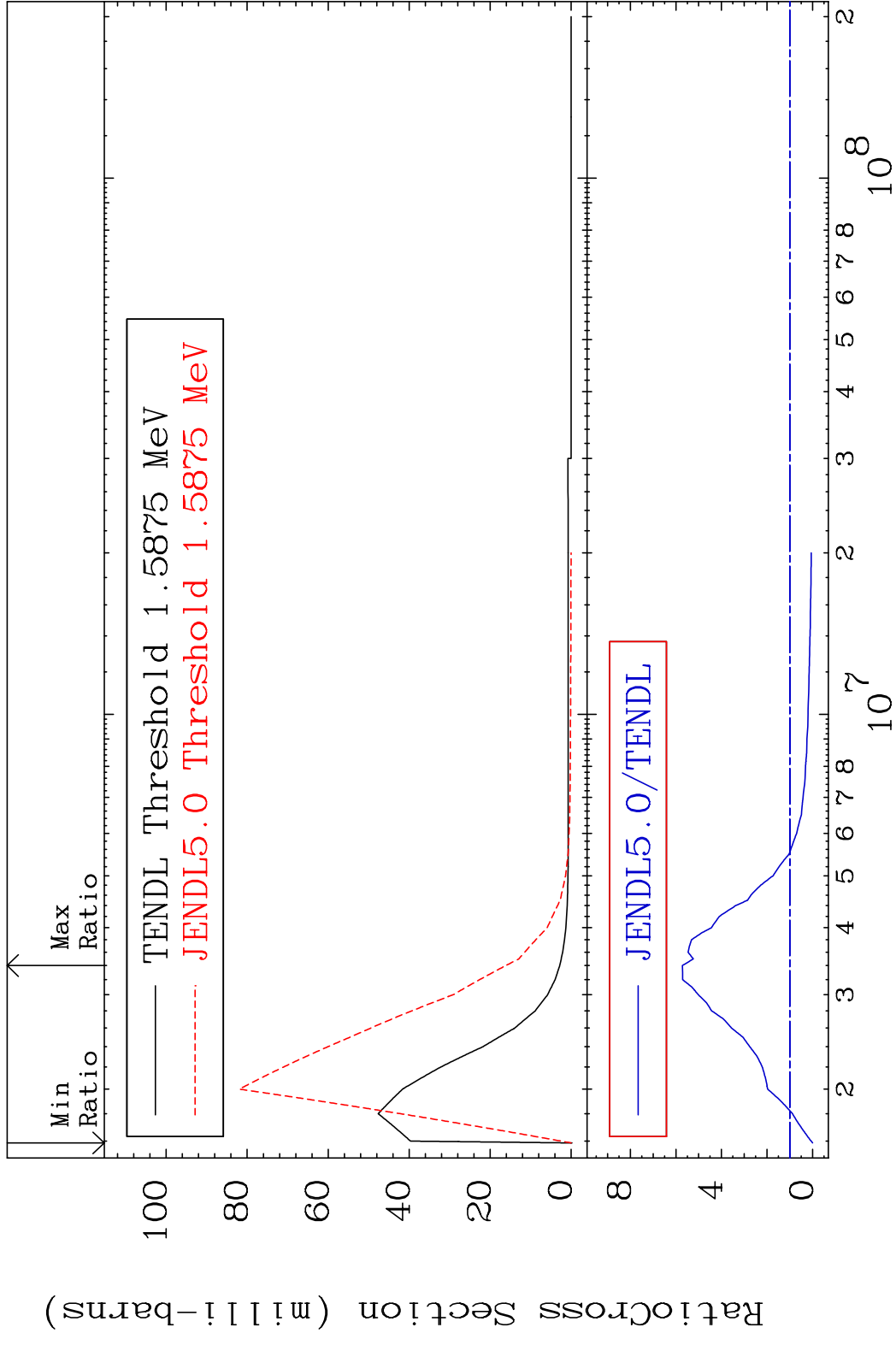


MAT 6831 MT= 72 (n,n') Level 68-Er-164  
 Cross Section -92.01 To 454.0 %



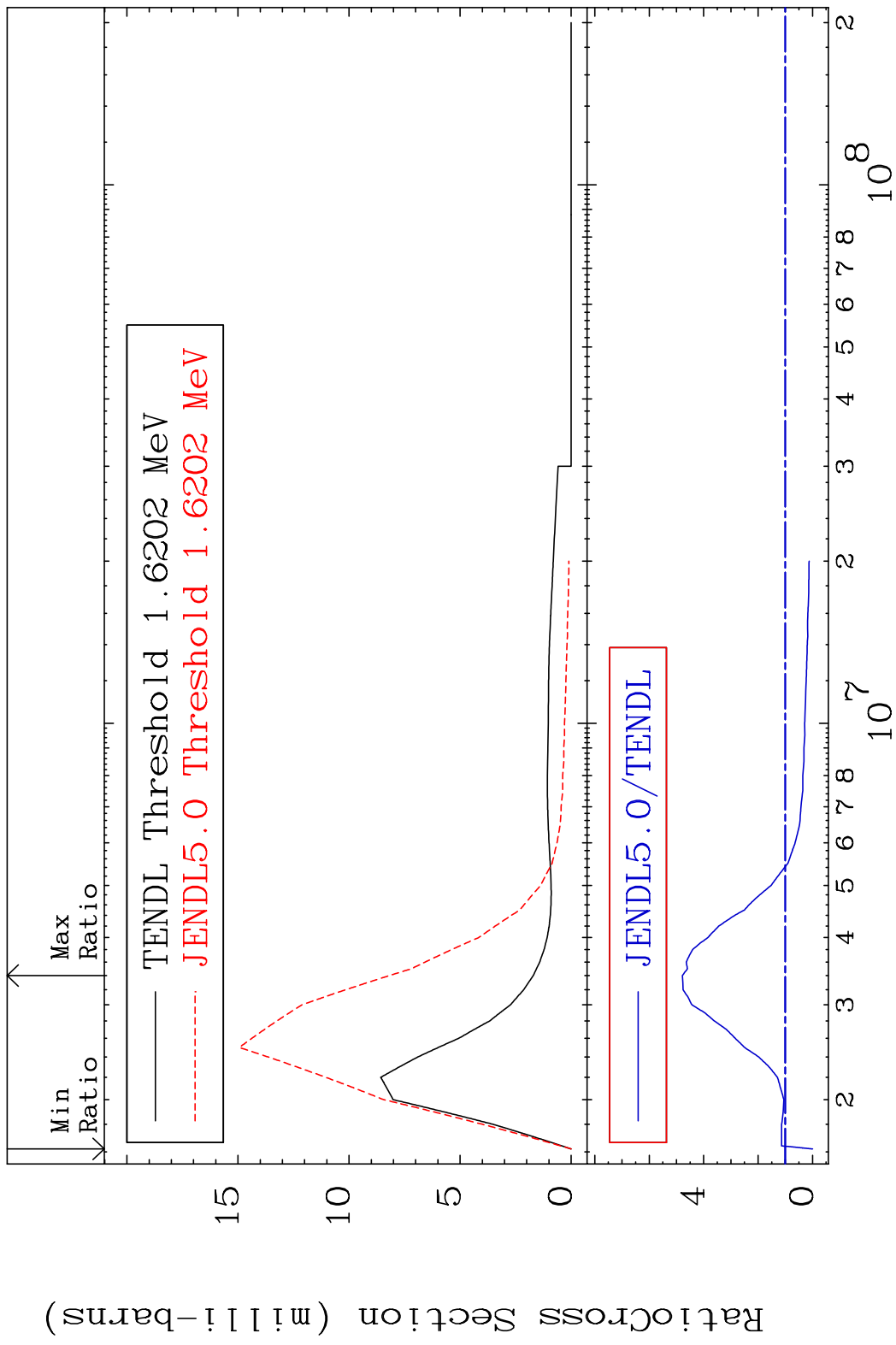
30 Incident Energy (eV) 68-Er-164

MAT 6831 MT= 73 (n,n') Level 68-Er-164  
 Cross Section -100.0 To 471.7 %

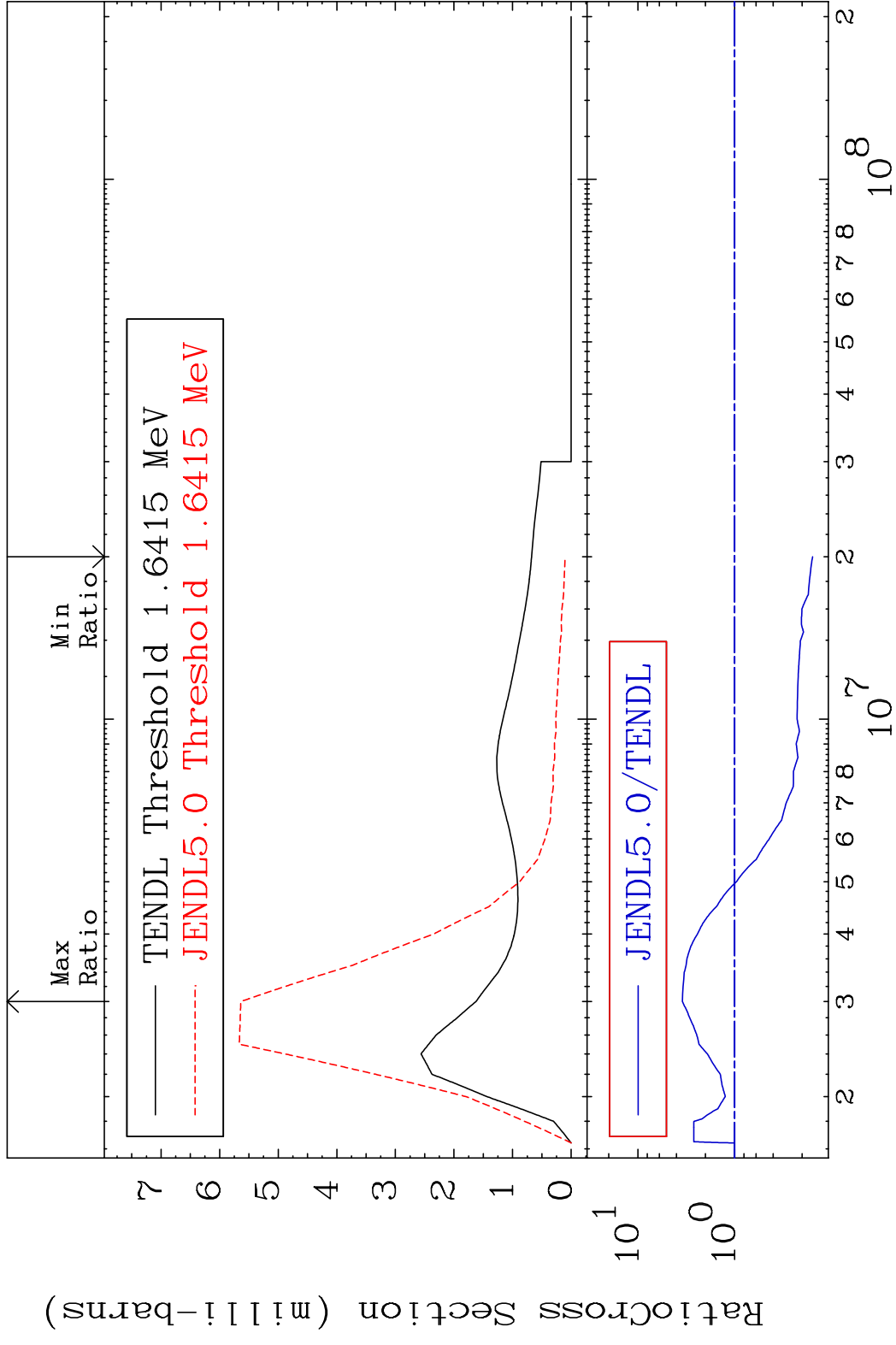




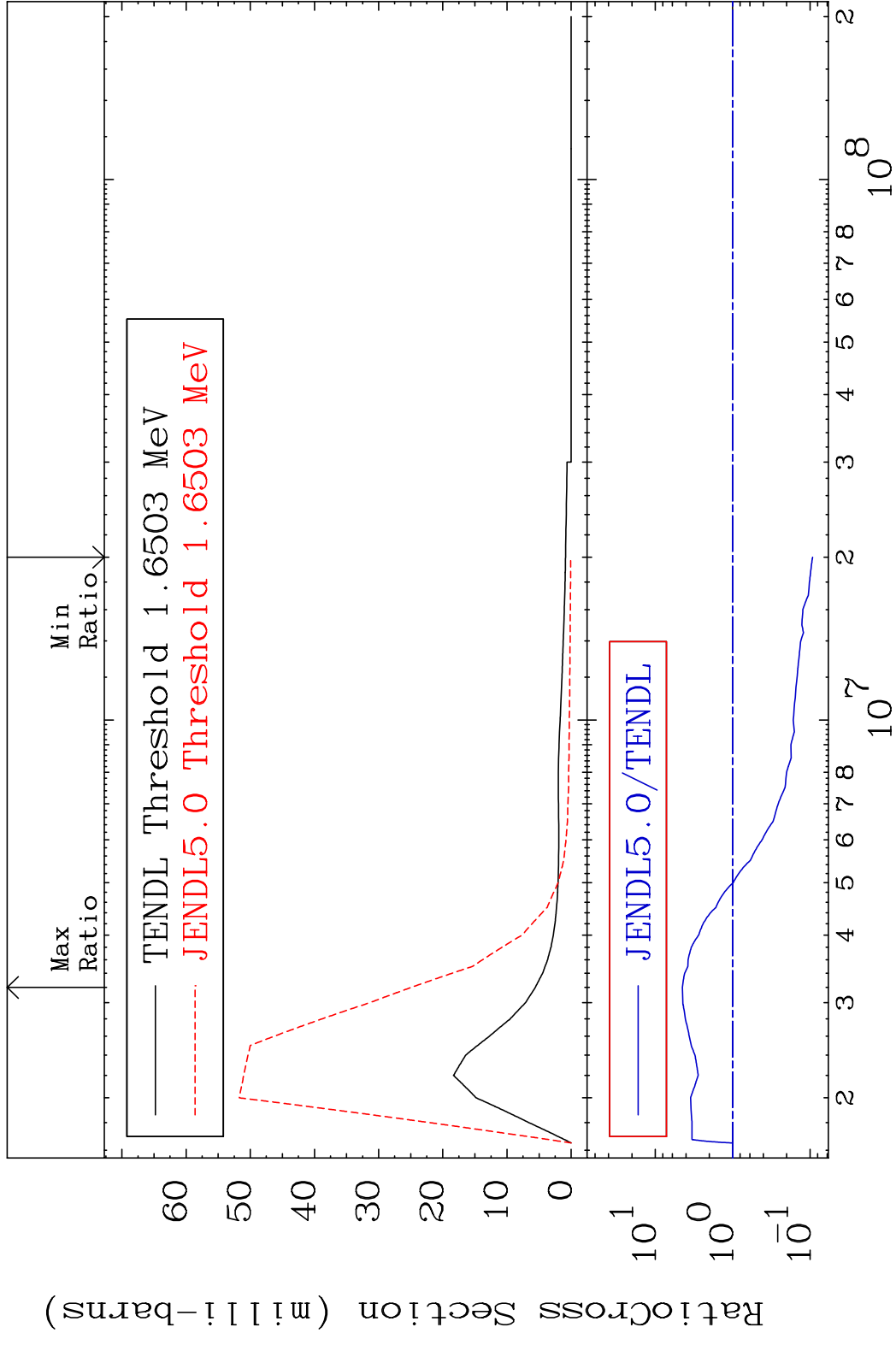
MAT 6831 MT= 74 (n, n') Level 68-Er-164  
 Cross Section -100.0 To 378.3 %



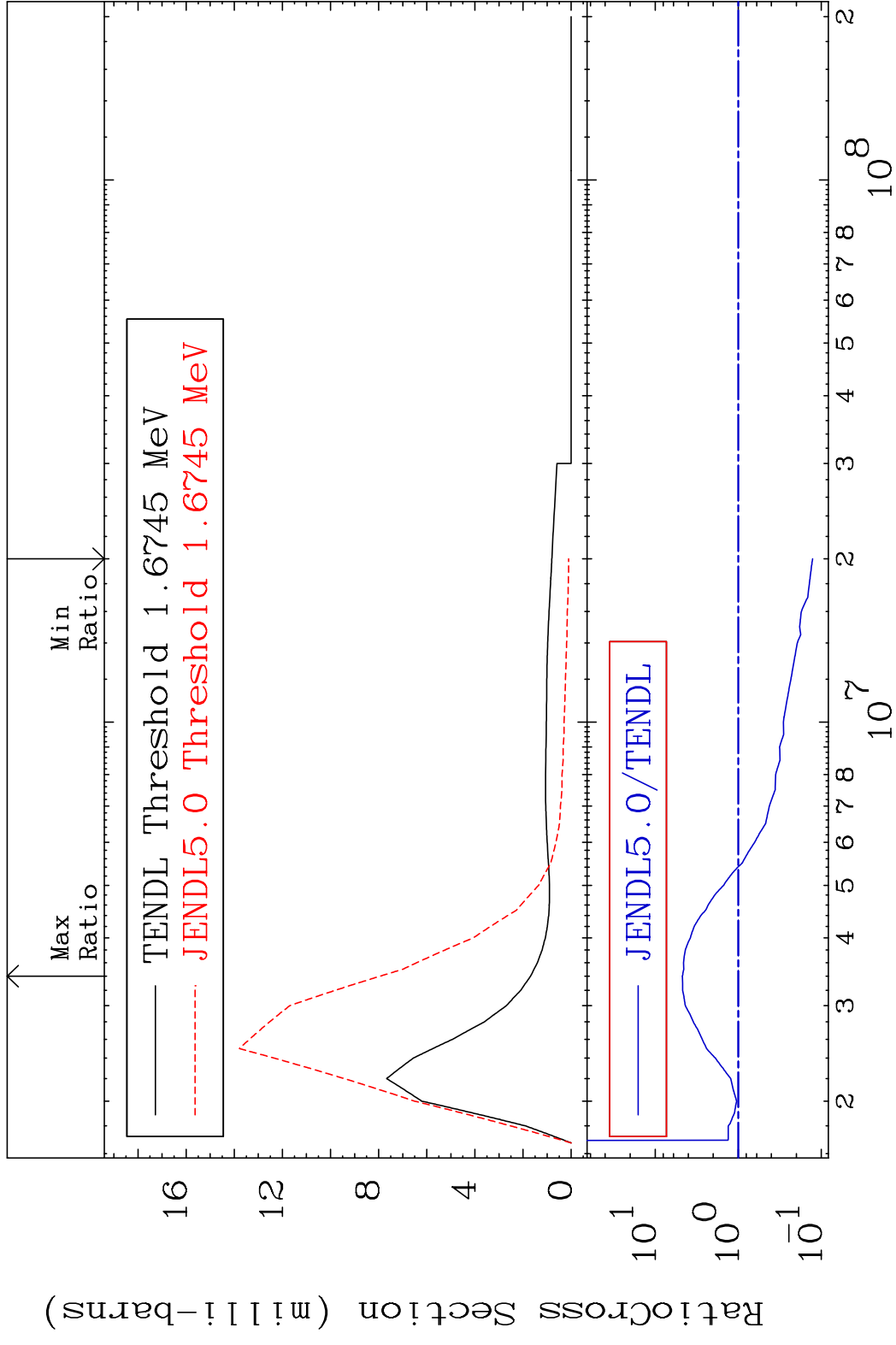
MAT 6831 MT= 75 (n, n') Level 68-Er-164  
 Cross Section -84.39 To 246.8 %



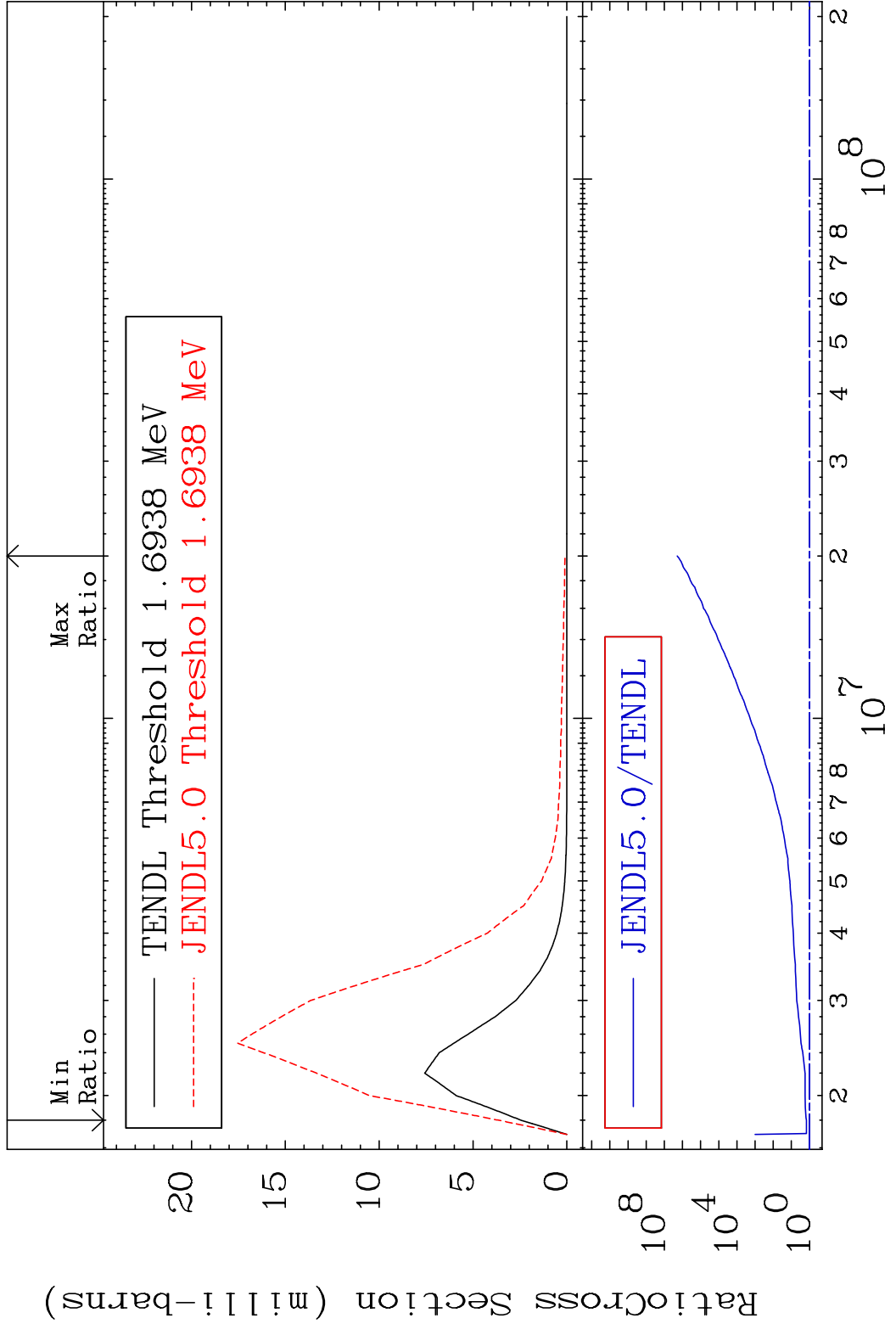
MAT 6831 MT= 76 (n, n') Level 68-Er-164  
 Cross Section -90.73 To 346.0 %



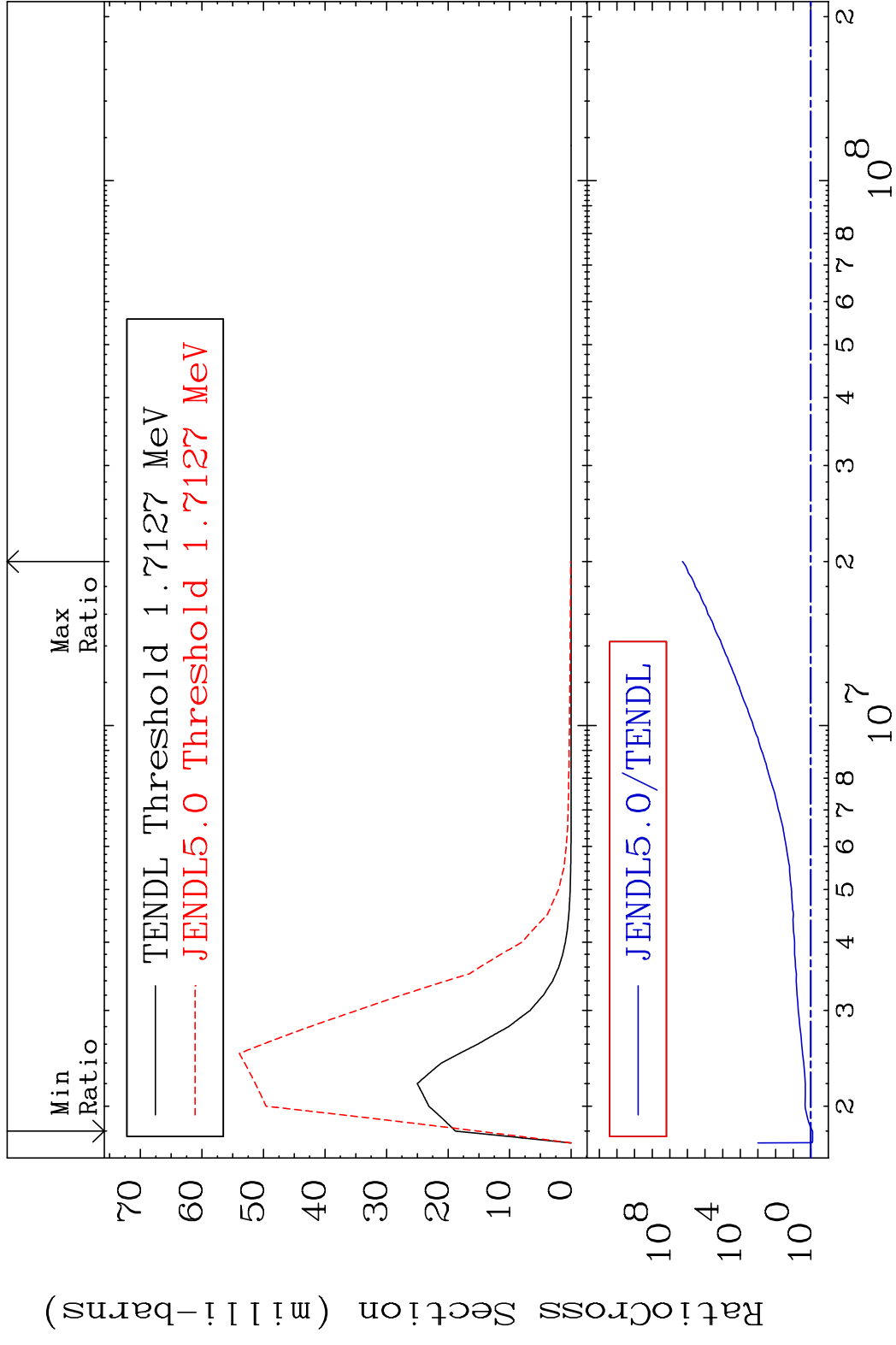
MAT 6831 MT= 77 (n, n') Level 68-Er-164  
 Cross Section -87.25 To 370.8 %



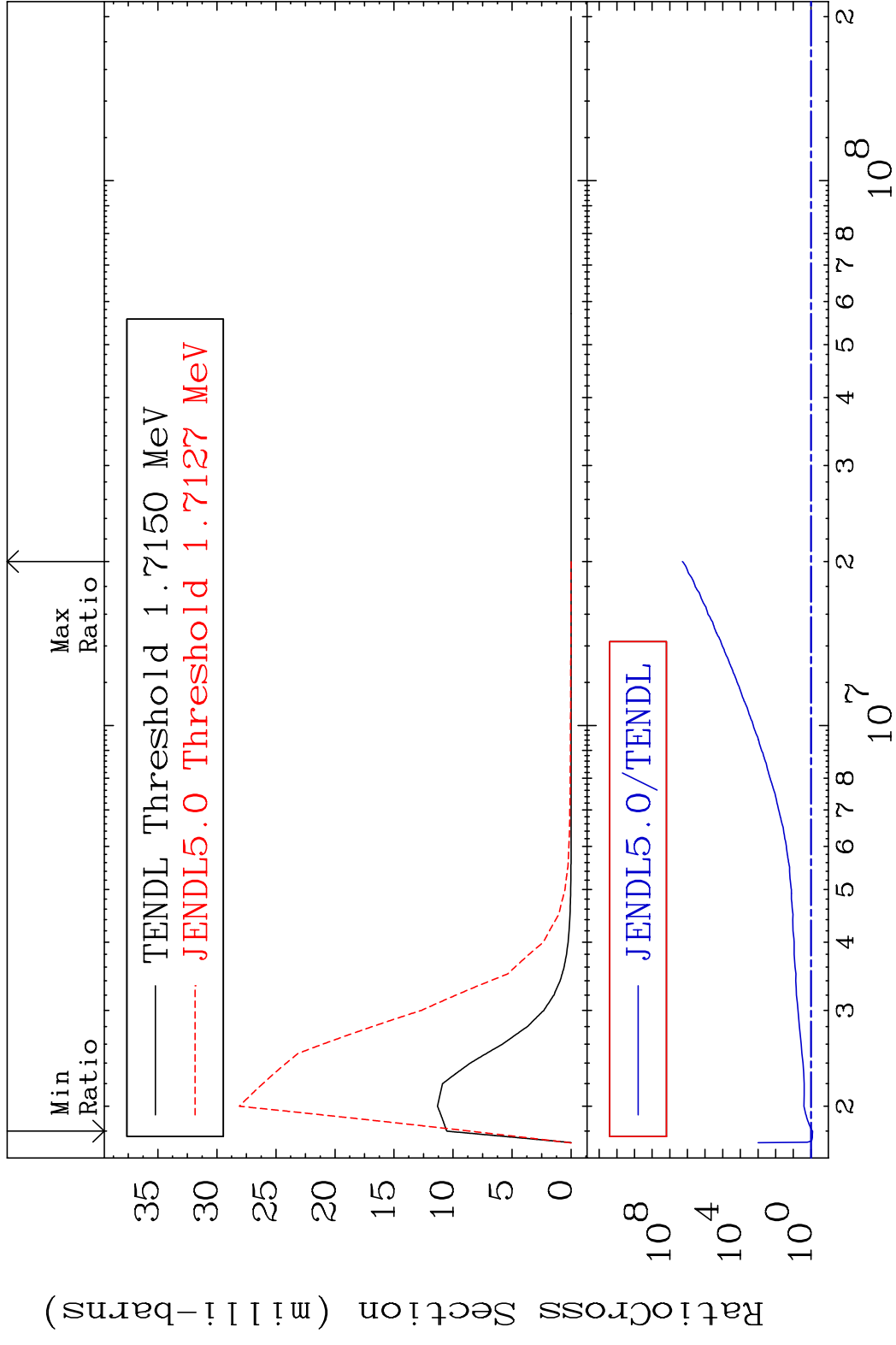
MAT 6831 MT= 78 (n, n') Level 68-Er-164  
 Cross Section 49.17 To 9999. %



MAT 6831 MT= 79 (n, n') Level 68-Er-164  
 Cross Section -19.77 To 9999. %



MAT 6831 MT= 80 (n,n') Level 68-Er-164  
 Cross Section -18.93 To 9999. %

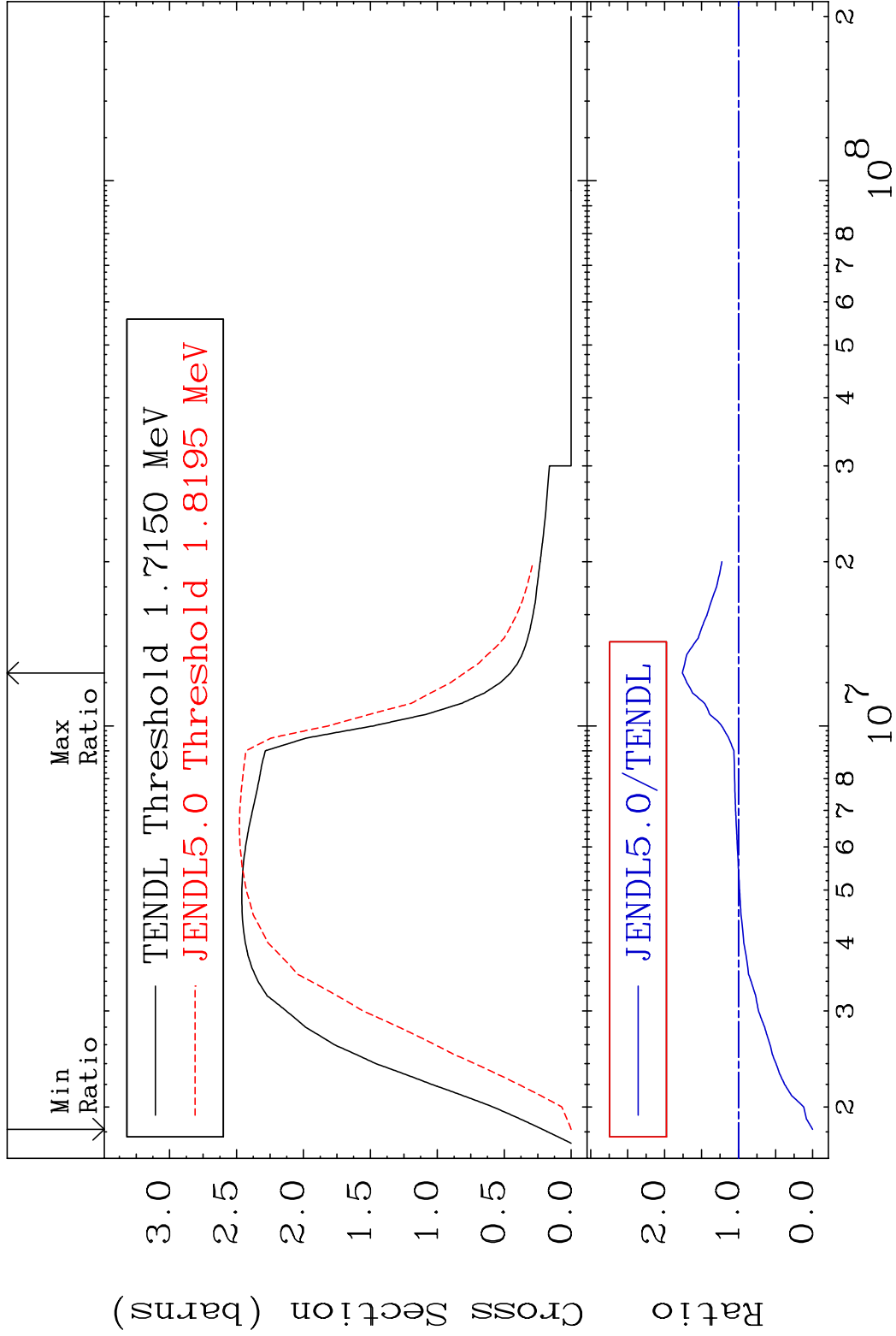


MAT 6831

(n,n') Continuum

68-Er-164

Cross Section -100.0 To 76.00 %



39

Incident Energy (eV)

68-Er-164

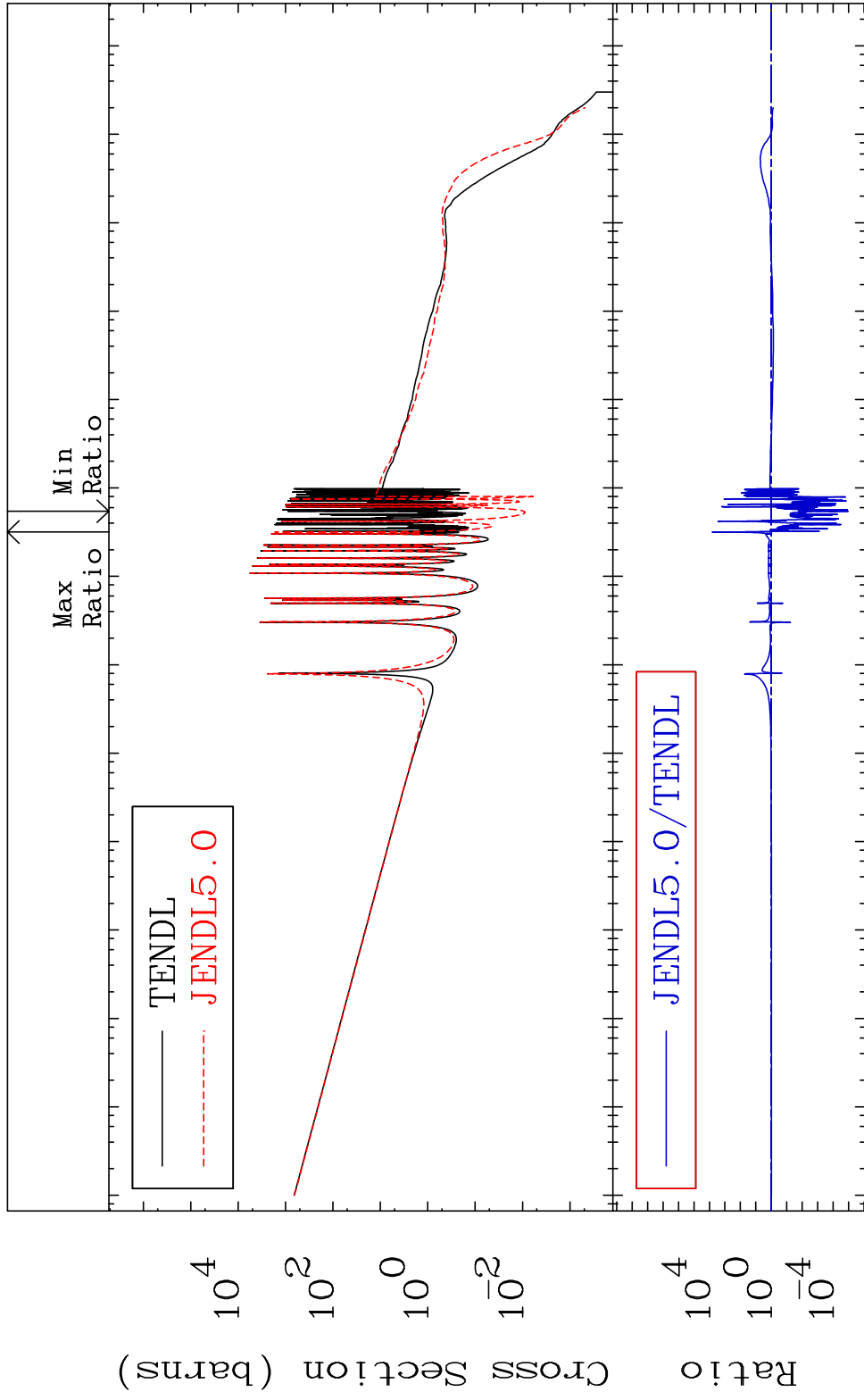


MAT 6831

(n,  $\gamma$ )

68-Er-164

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

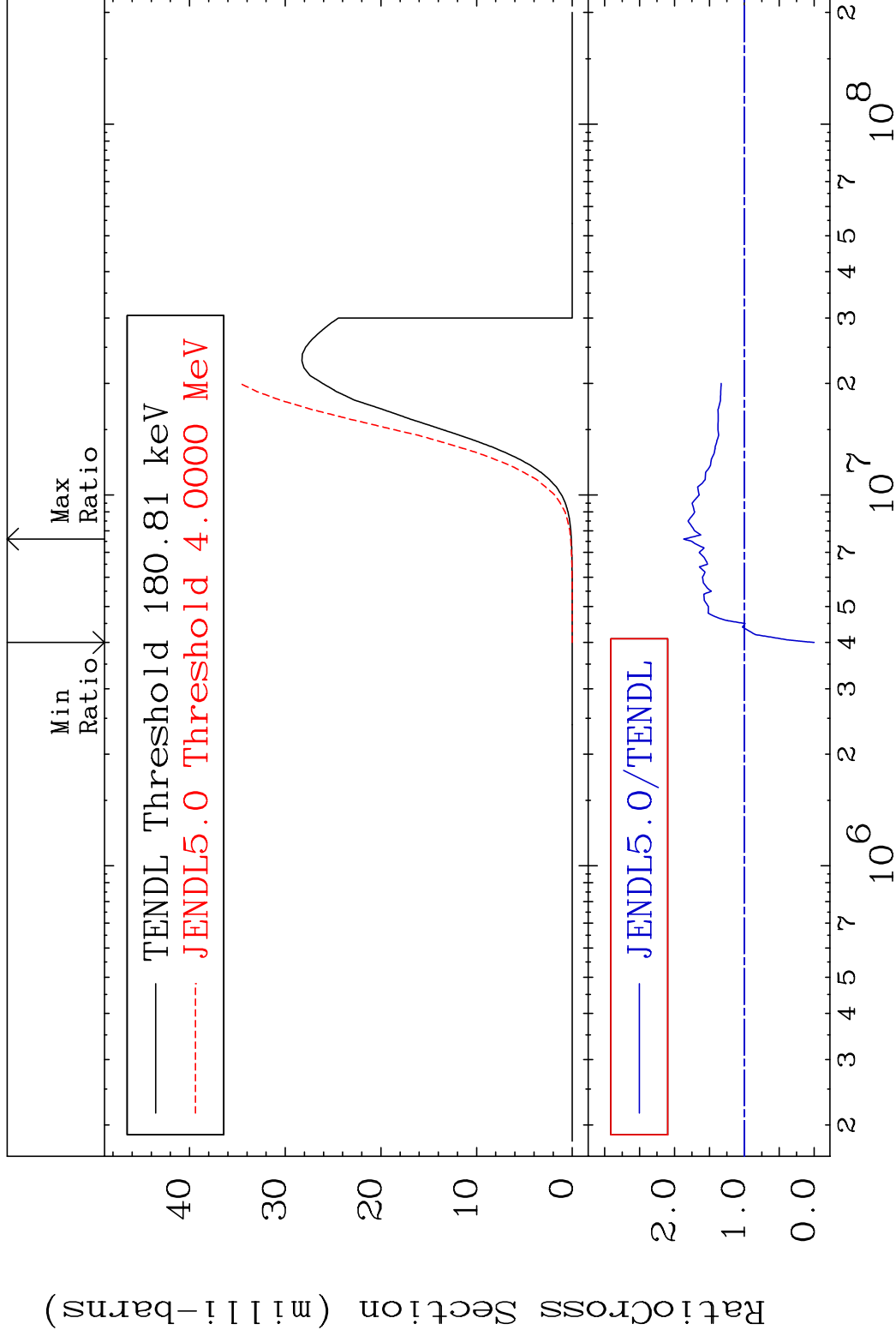
68-Er-164

MAT 6831

(n, p)

68-Er-164

Cross Section -100.0 To 86.88 %



41

Incident Energy (eV)

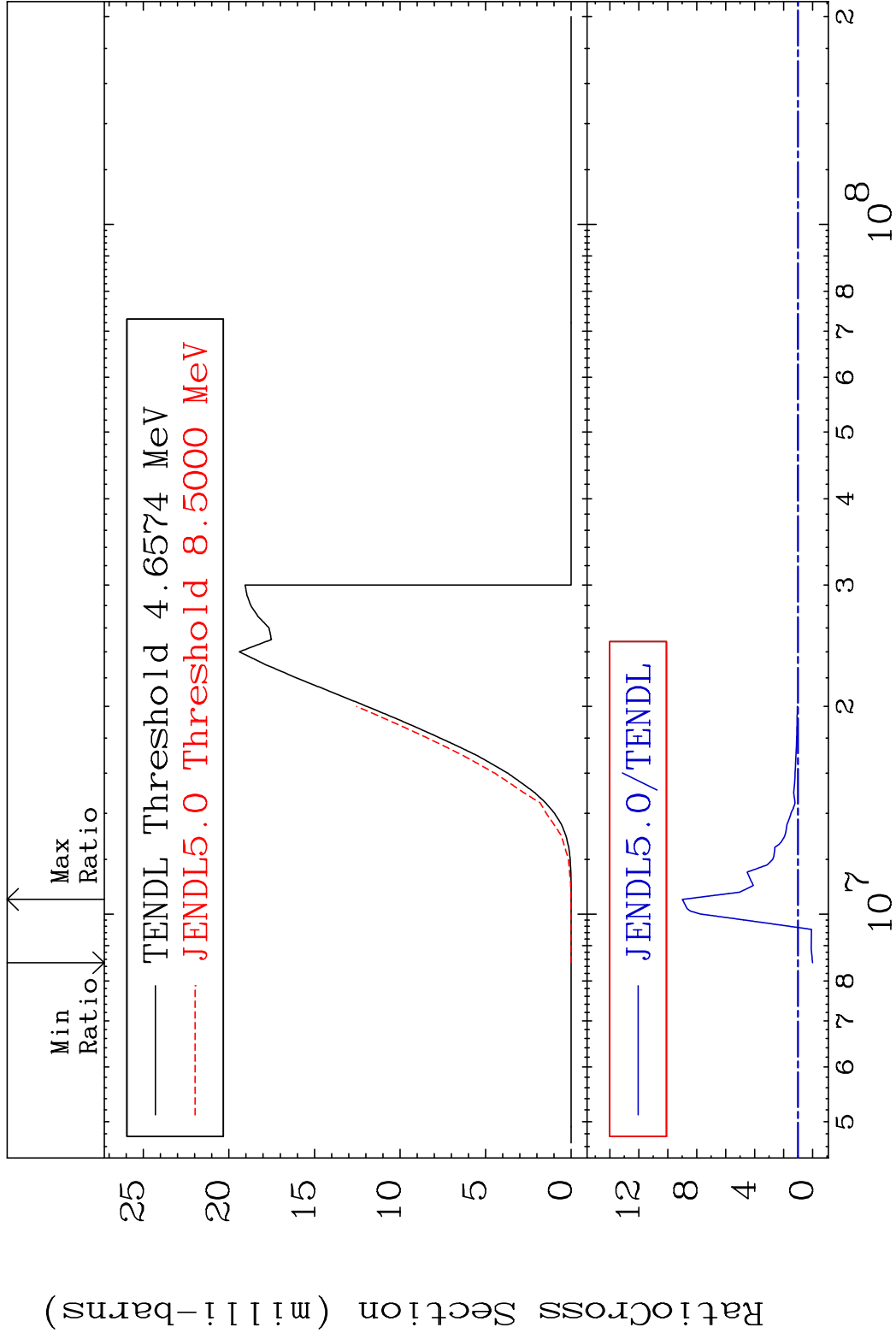
68-Er-164

MAT 6831

(n, d)

68-Er-164

Cross Section -100.0 To 799.3 %



42

Incident Energy (eV)

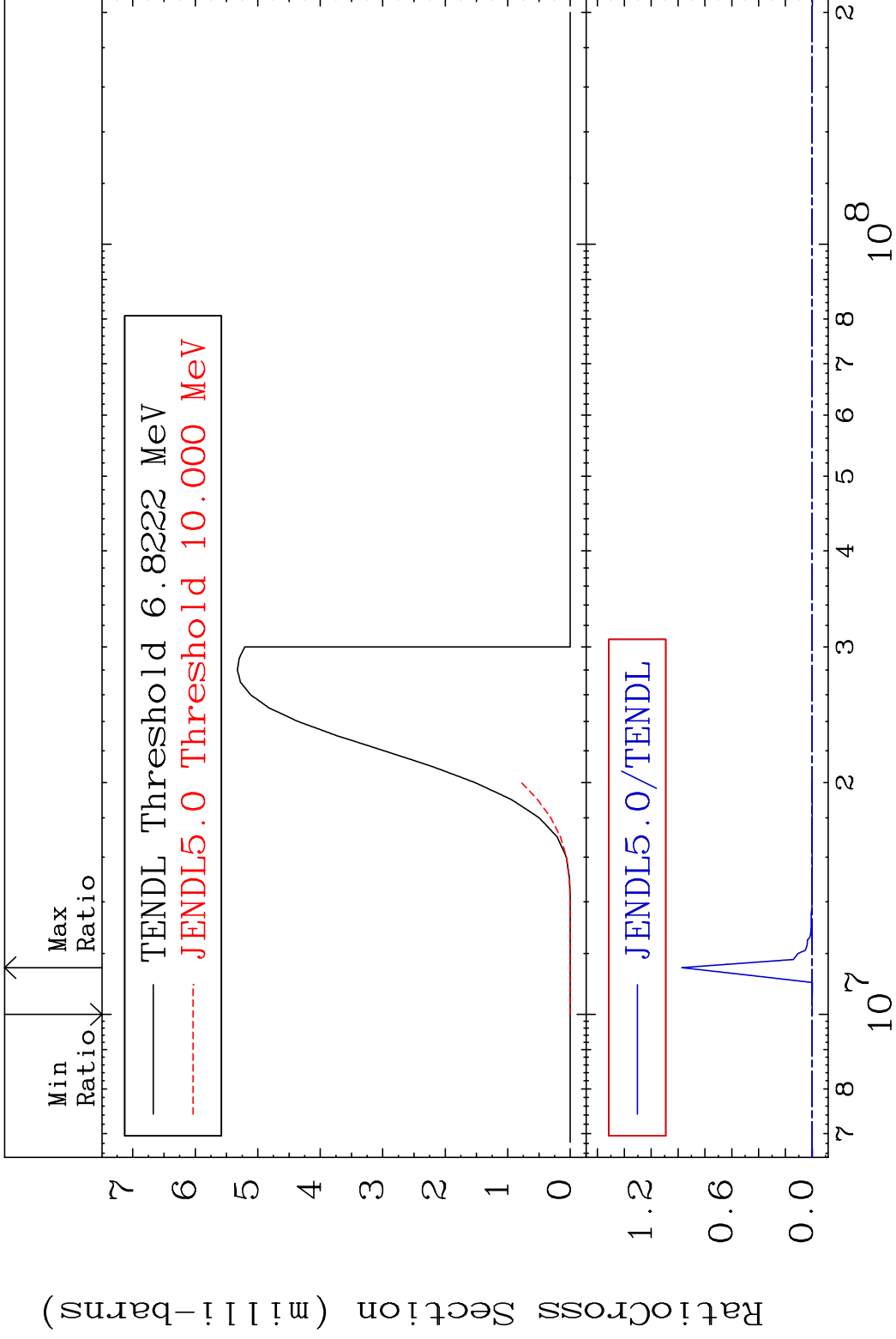
68-Er-164

MAT 6831

(n, t)

68-Er-164

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

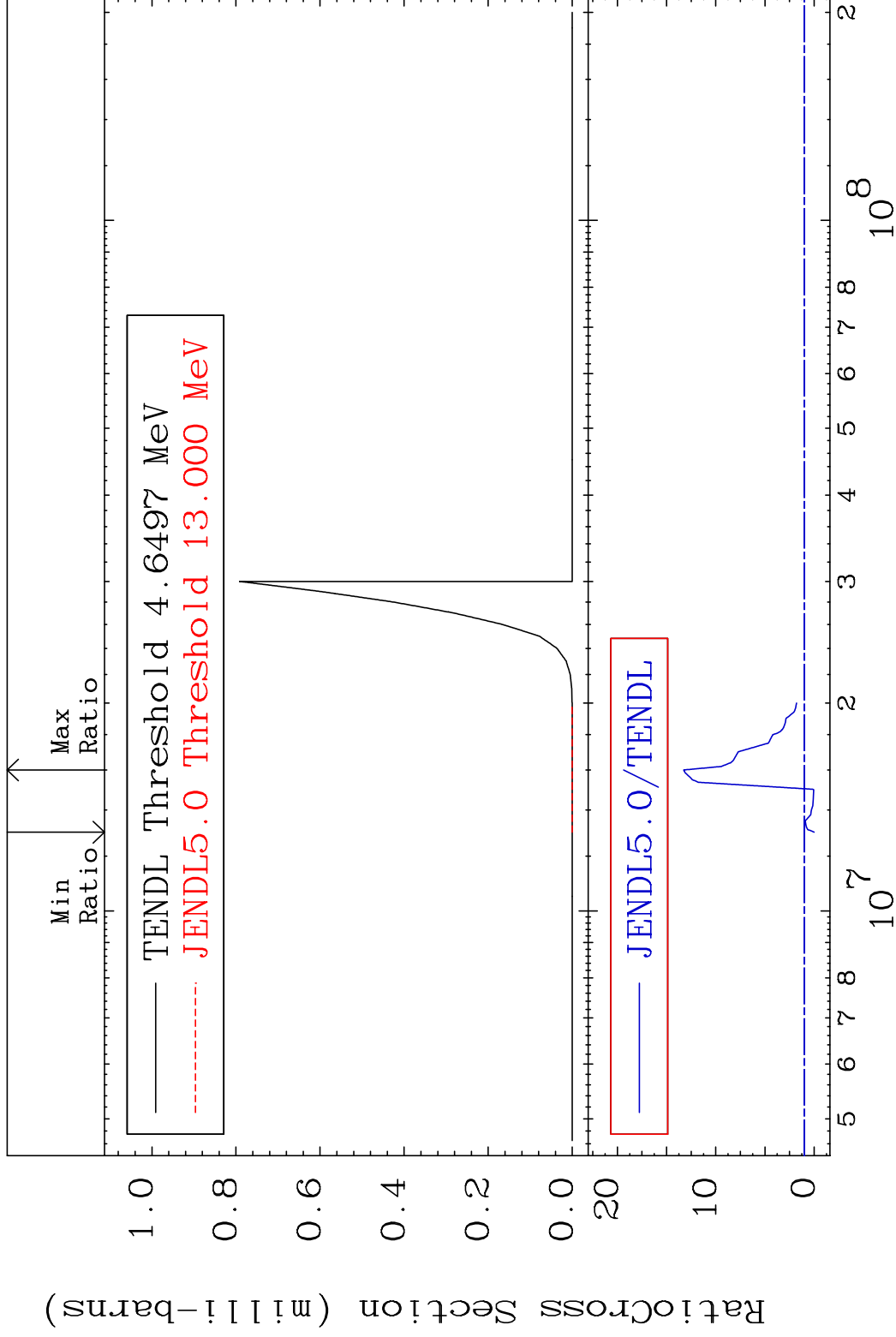
68-Er-164

MAT 6831

(n, He-3)

68-Er-164

Cross Section -100.0 To 1226. %



44

Incident Energy (eV)

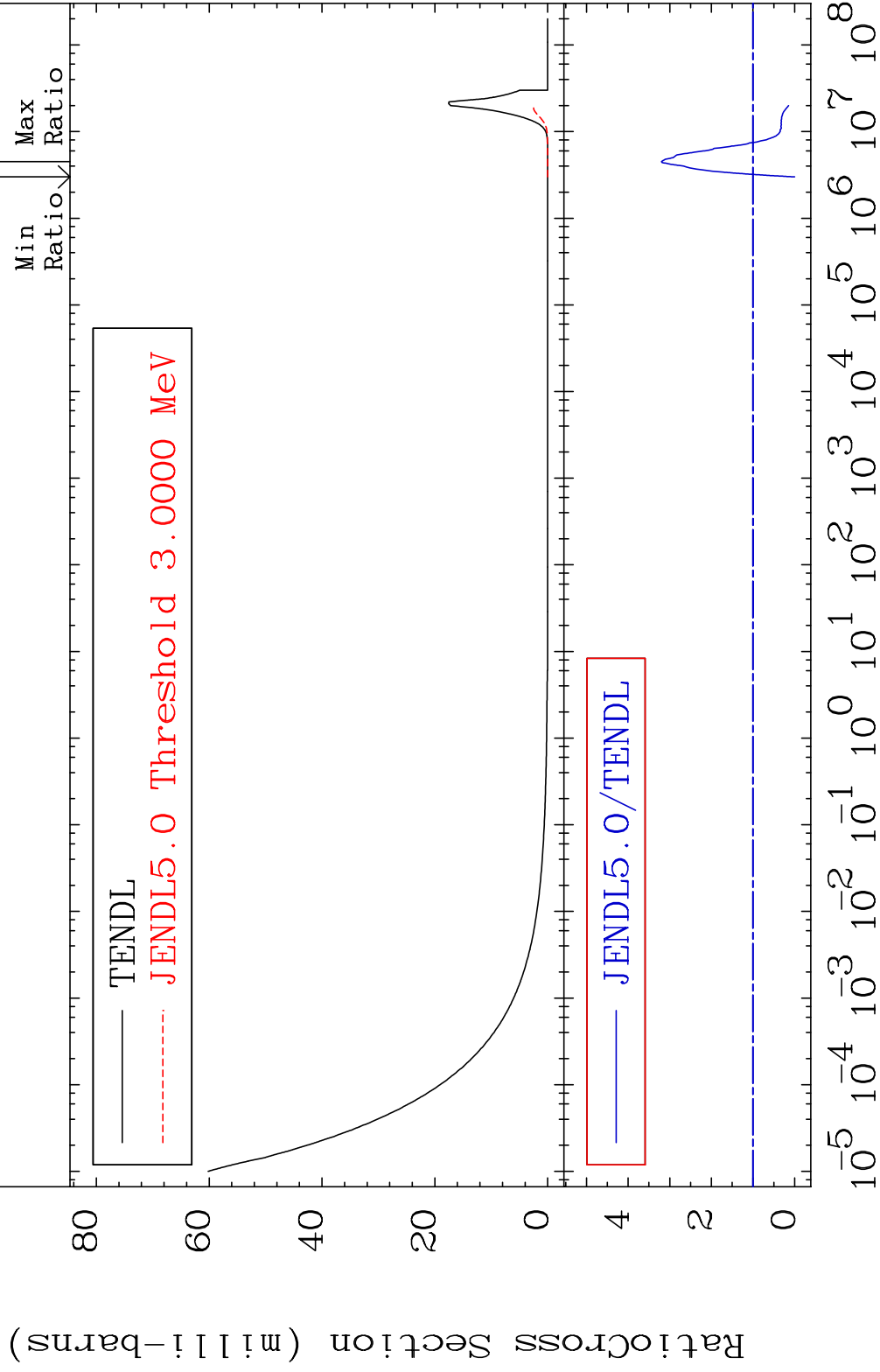
68-Er-164

MAT 6831

(n,  $\alpha$ )

68-Er-164

Cross Section -100.0 To 220.0 %

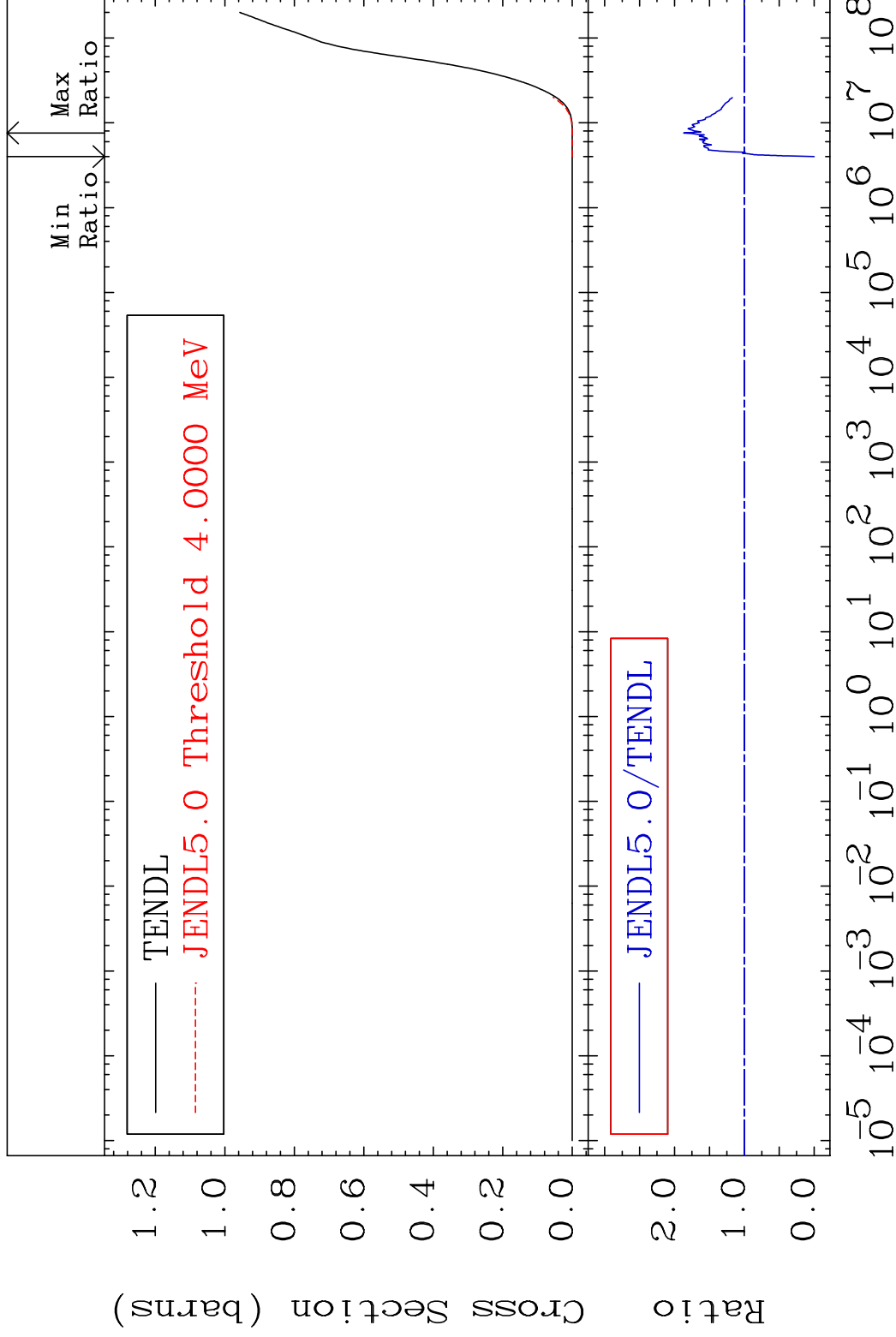


MAT 6831

Hydrogen Production

68-Er-164

Cross Section -100.0 To 86.88 %



46

Incident Energy (eV)

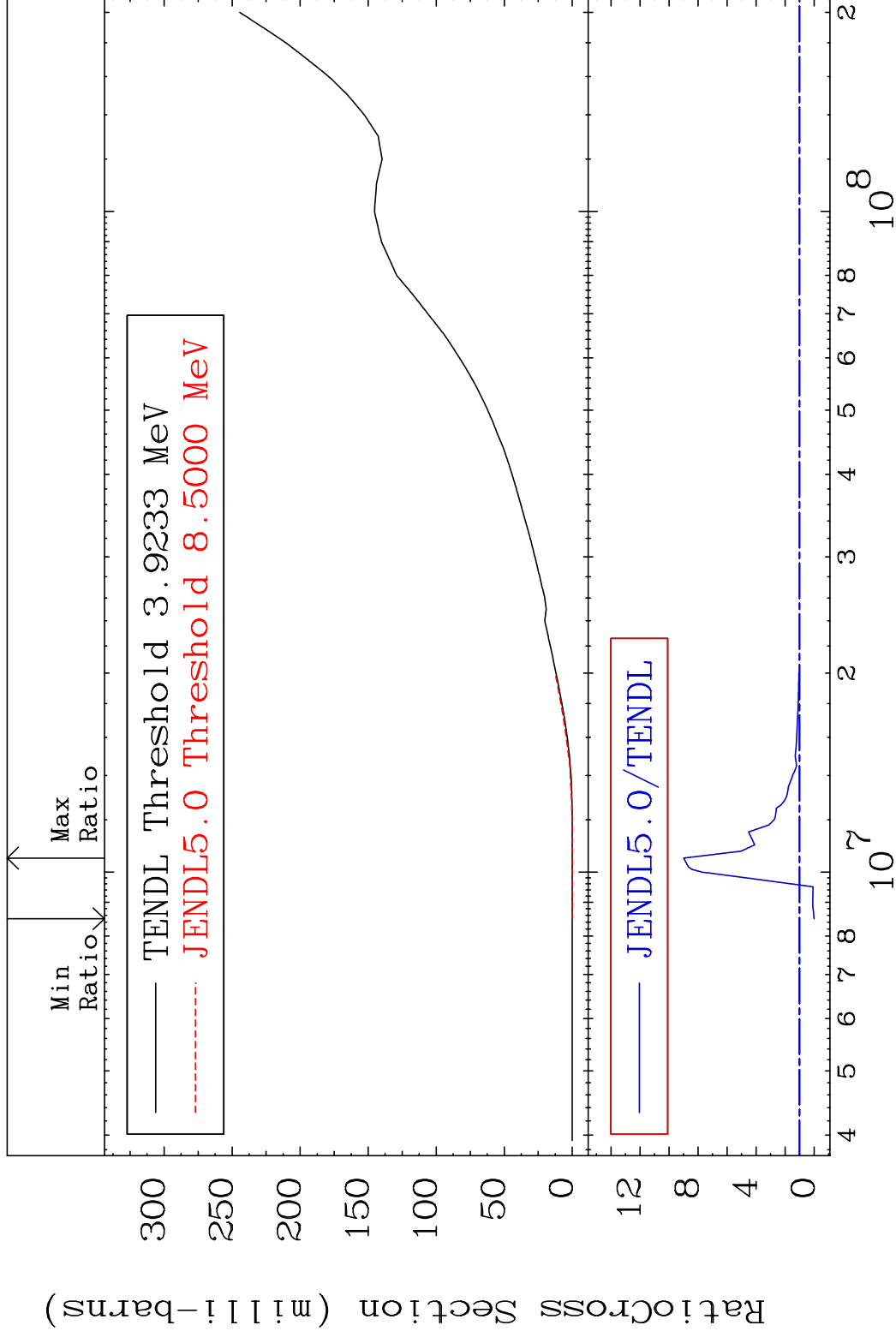
68-Er-164

MAT 6831

Deuterium Production

68-Er-164

Cross Section -100.0 To 799.3 %



47

Incident Energy (eV)

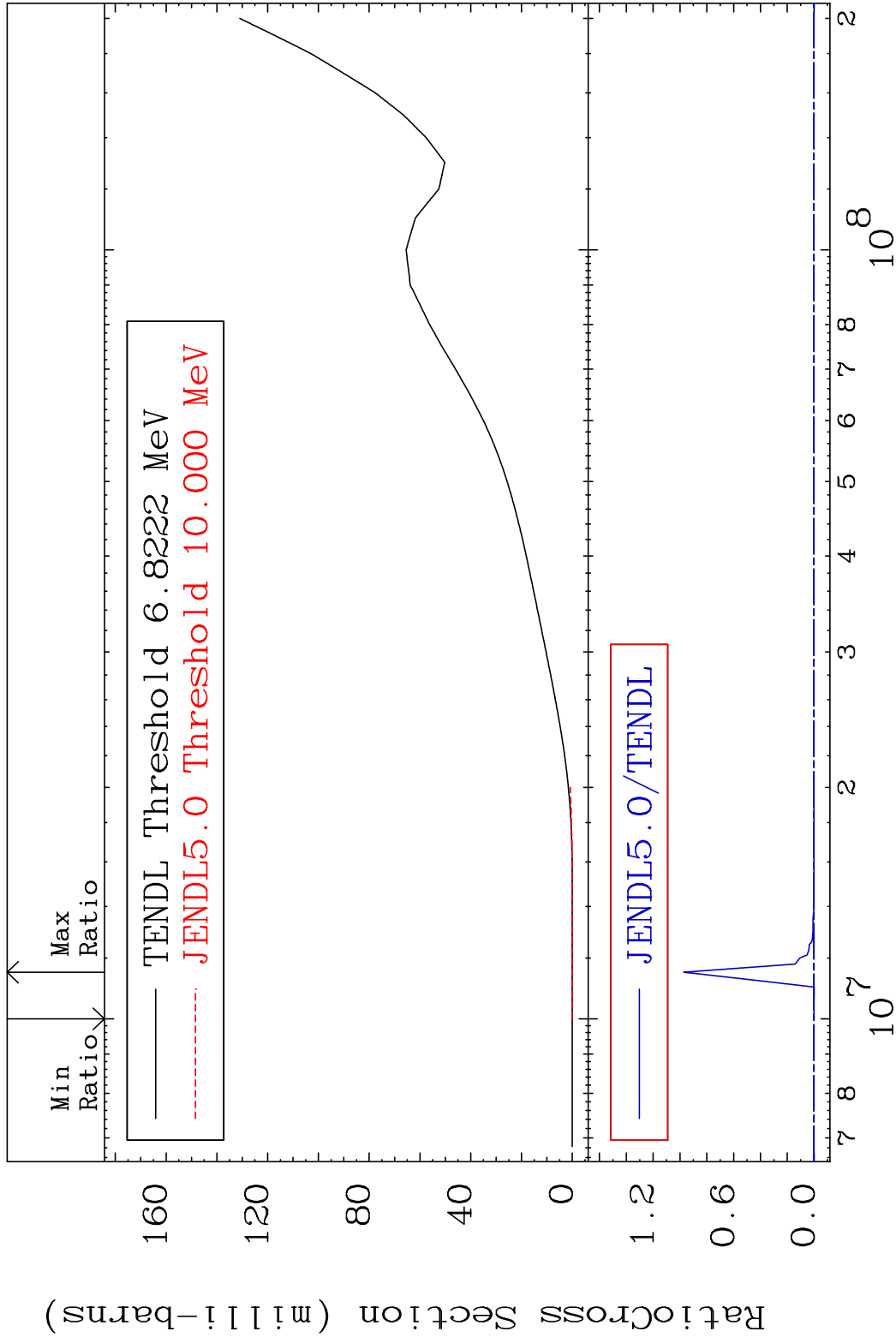
68-Er-164



MAT 6831

Tritium Production 68-Er-164

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

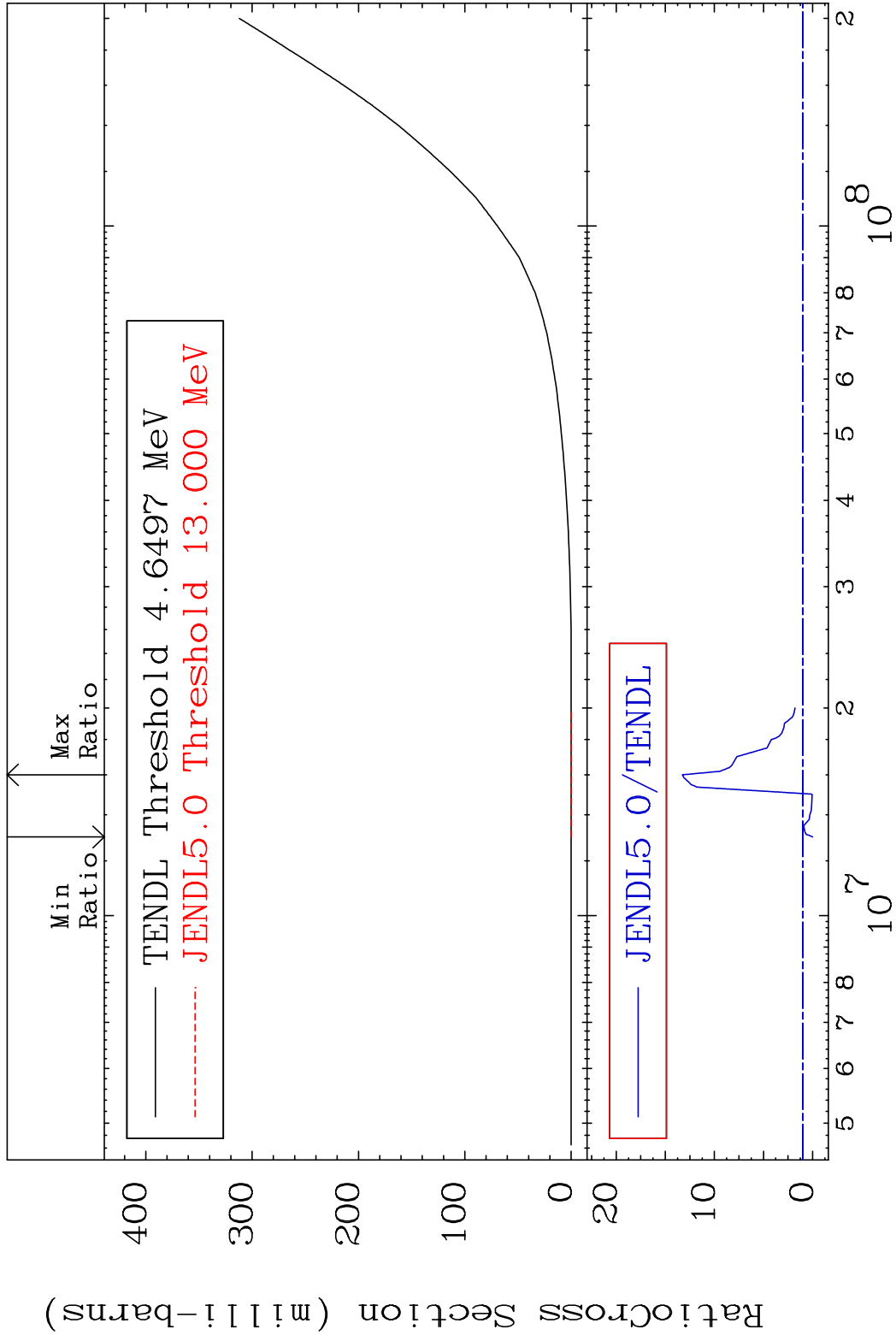
68-Er-164

MAT 6831

He-3 Production

68-Er-164

Cross Section -100.0 To 1226. %



49

Incident Energy (eV)

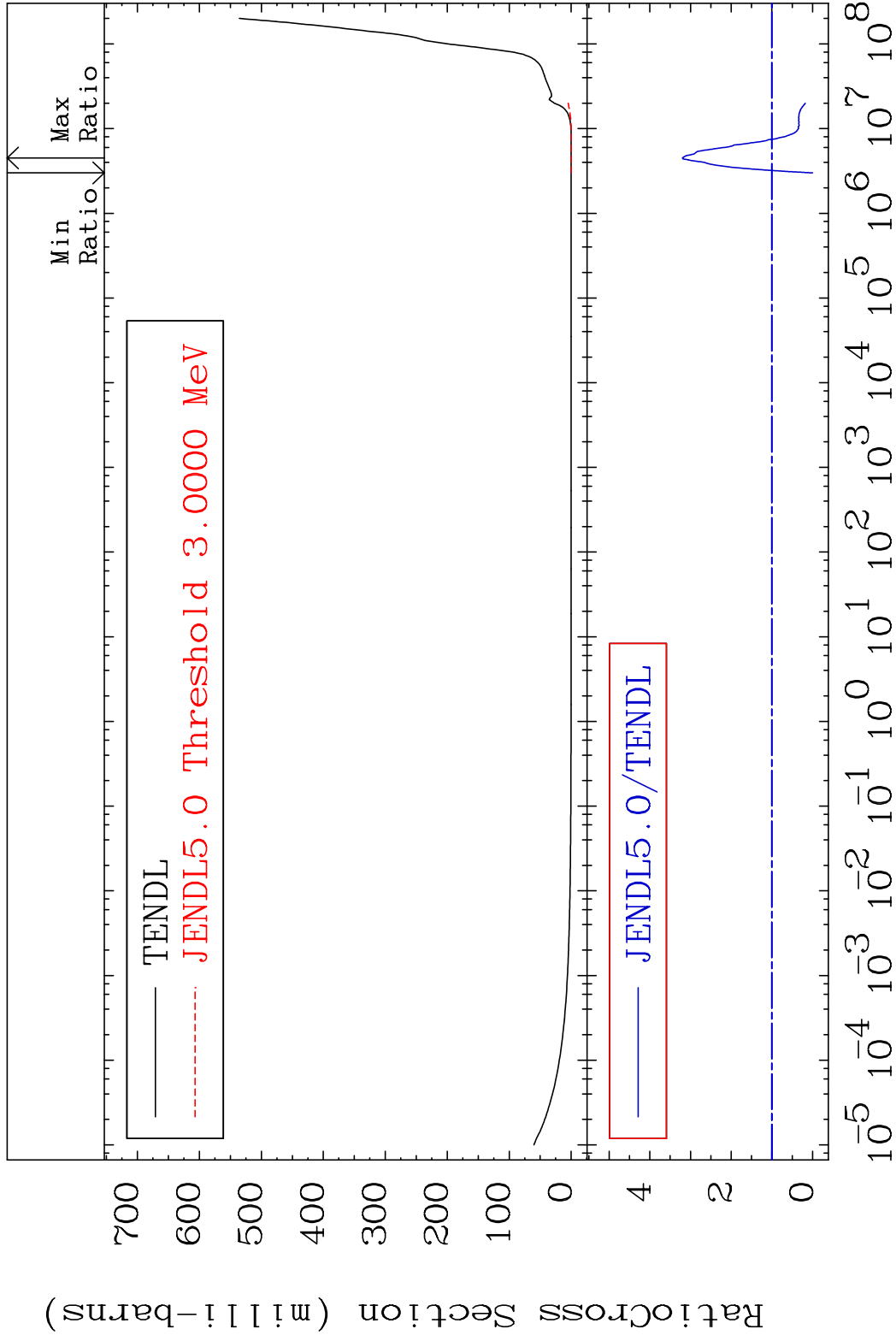
68-Er-164

MAT 6831

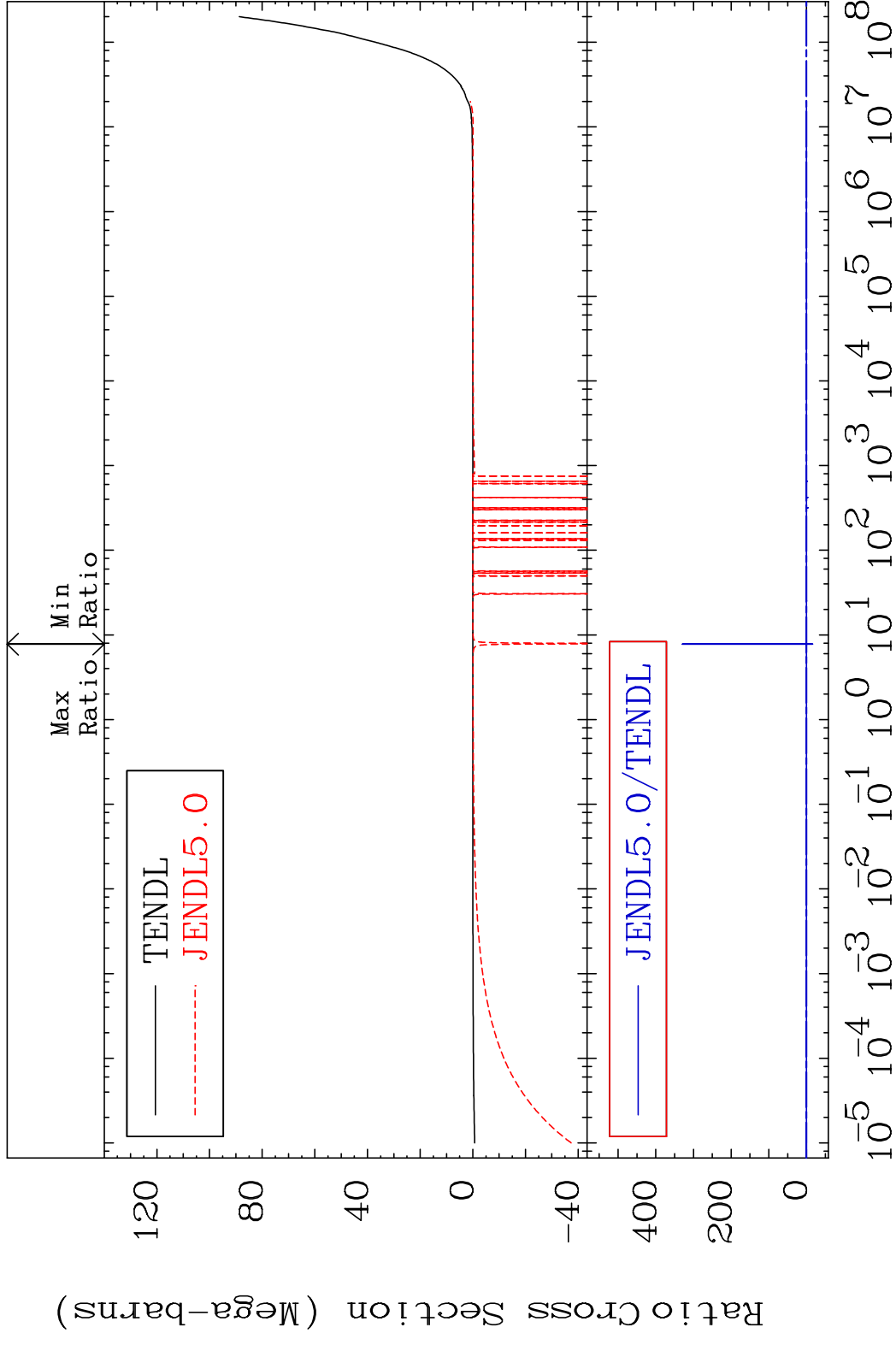
He-4 Production

68-Er-164

Cross Section -100.0 To 220.0 %

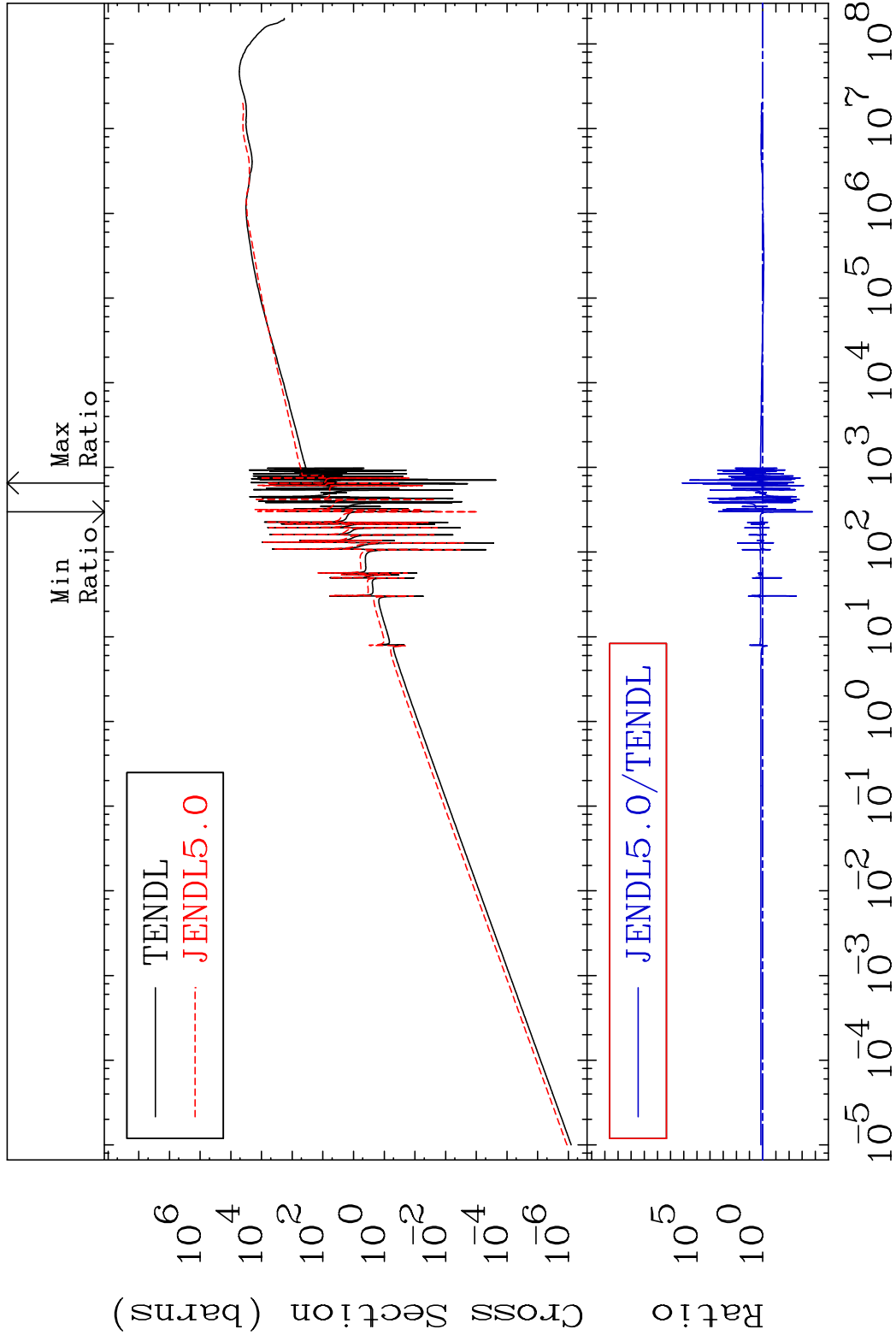


MAT 6831 Kerma total (eV-barns) 68-Er-164  
 Cross Section -9999. To 9999. %



MAT 6831

Kerma elastic Cross Section -99.98 To 9999. %  
68-Er-164

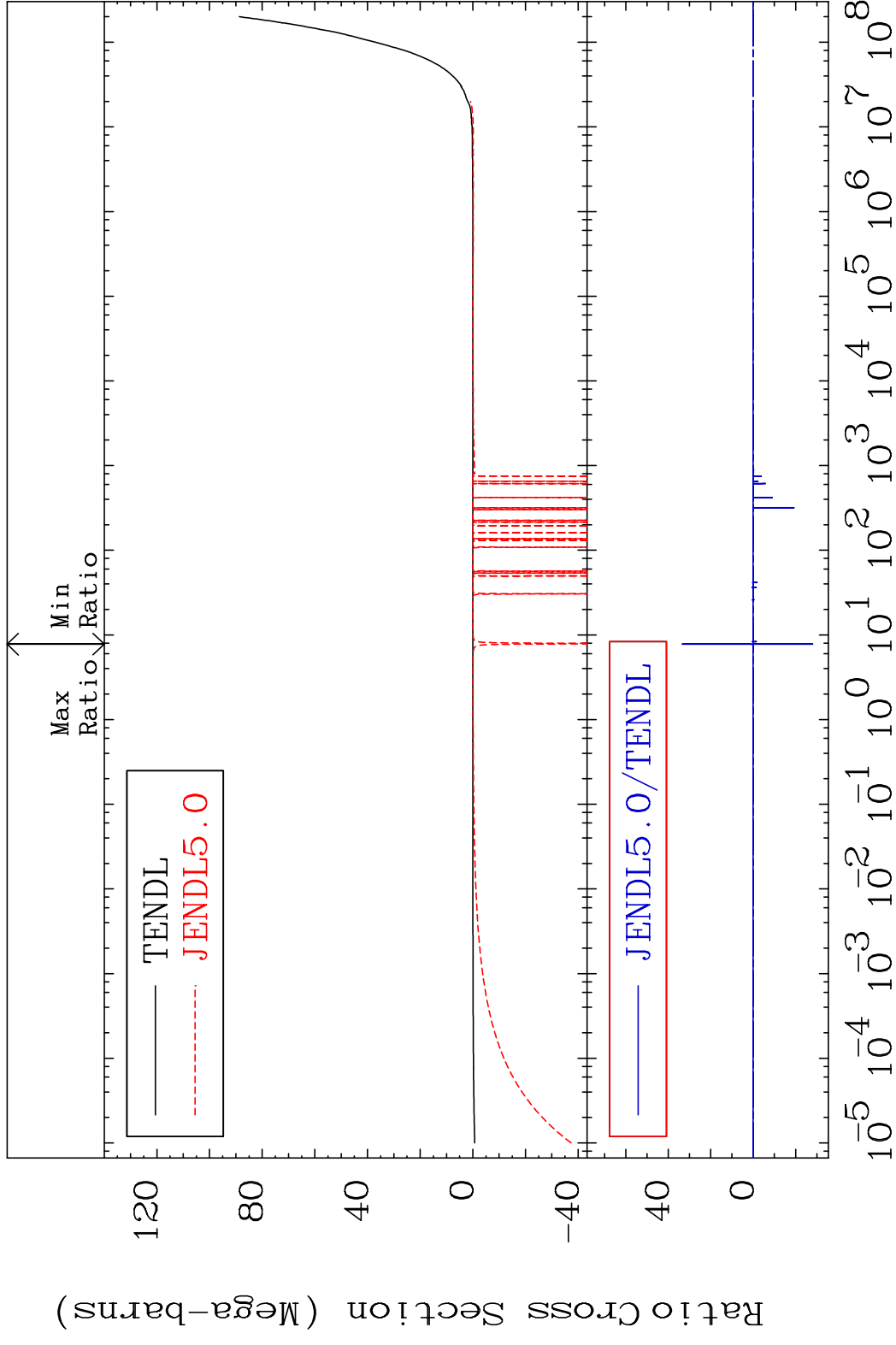


52

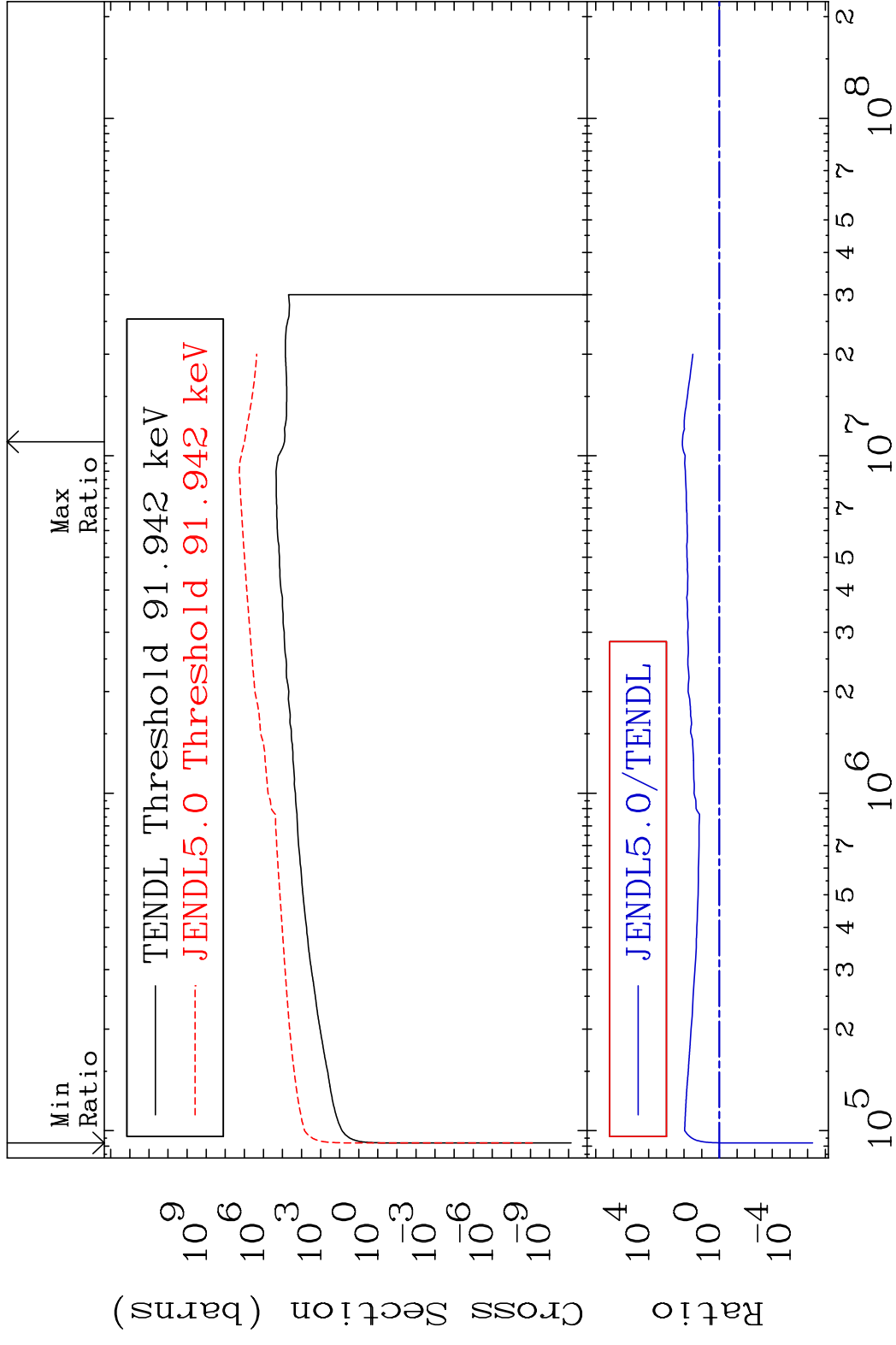
Incident Energy (eV)

68-Er-164

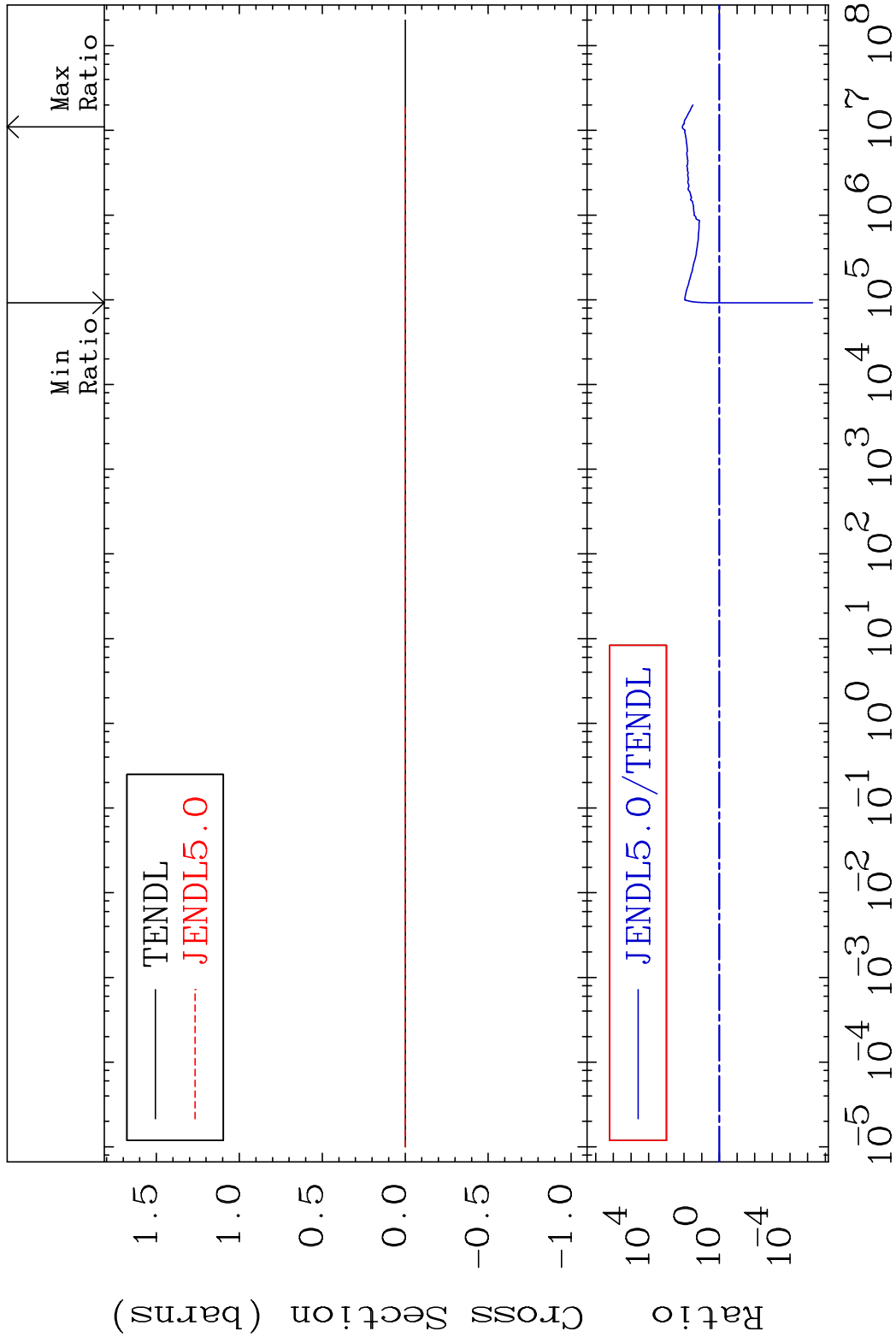
MAT 6831 Kerma non-elastic (all but mt2) 68-Er-164  
 Cross Section -9999. To 9999. %



MAT 6831 Kerma inelastic (mt51-91) 68-Er-164  
 Cross Section -100.0 To 9999. %



MAT 6831 Kerma fission (mt18 or mt19-20-21-38)68-Er-164  
 Cross Section -100.0 To 9999. %



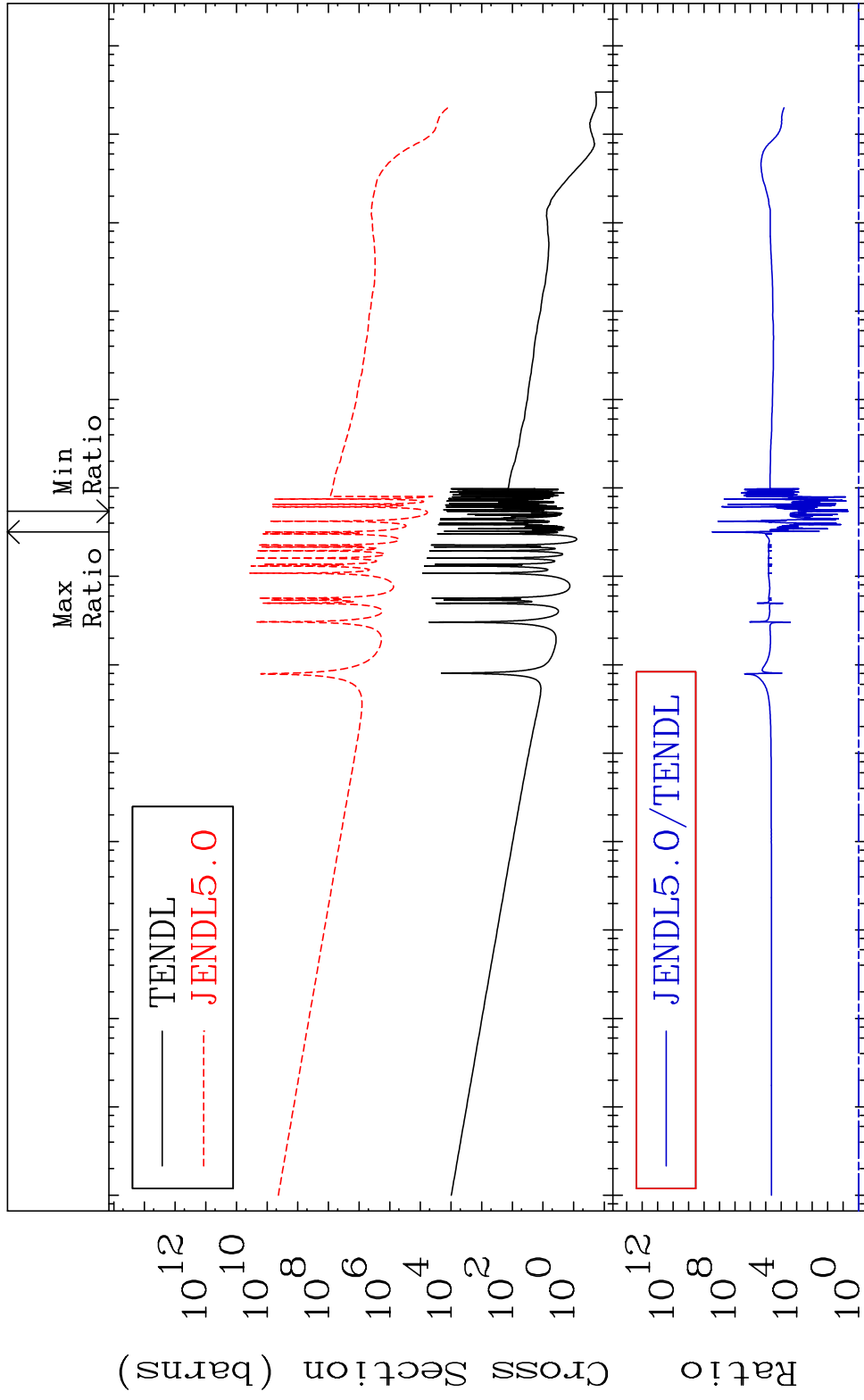


MAT 6831

Kerma capture (mt102)

68-Er-164

Cross Section 363.4 To 9999. %

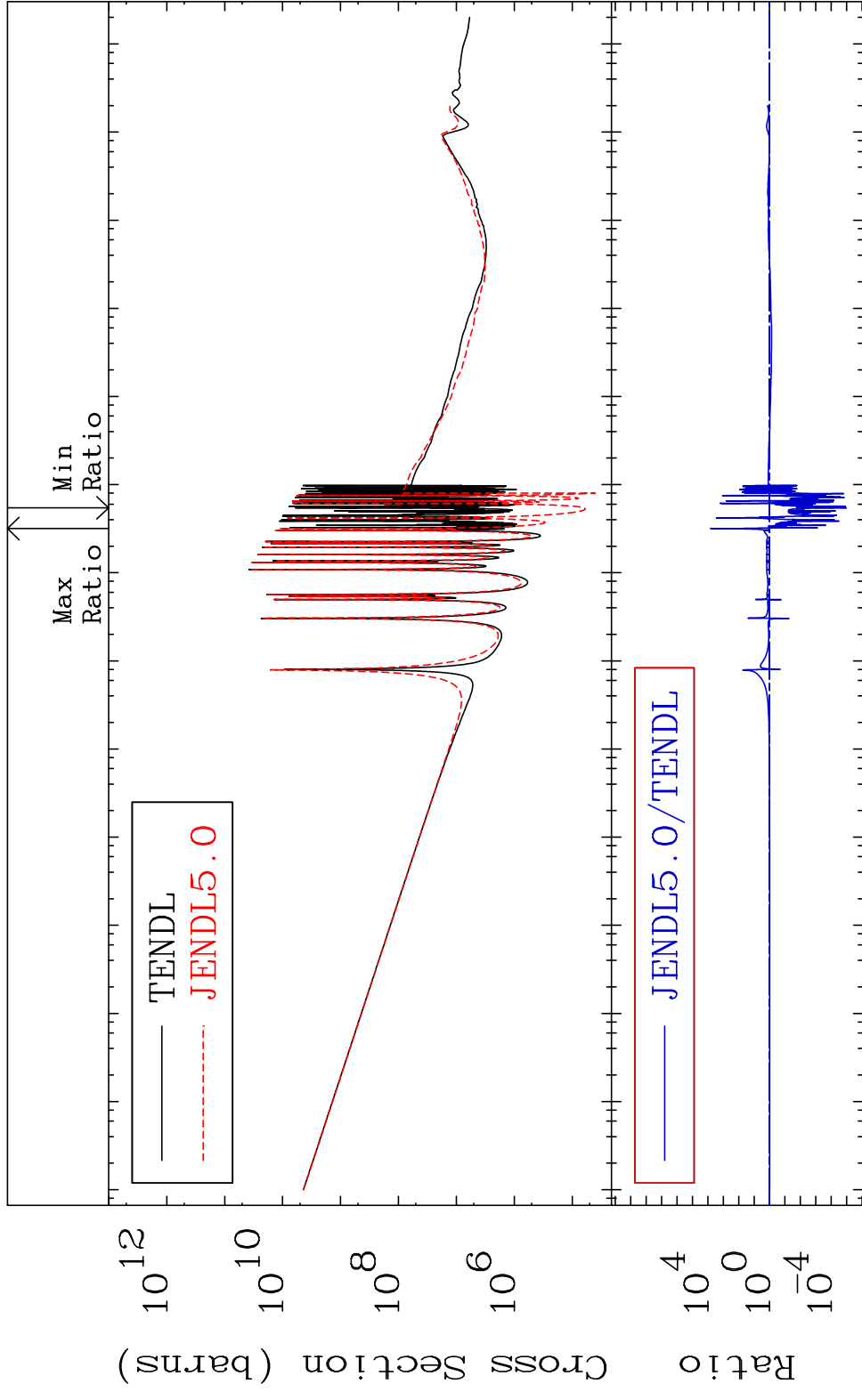


56

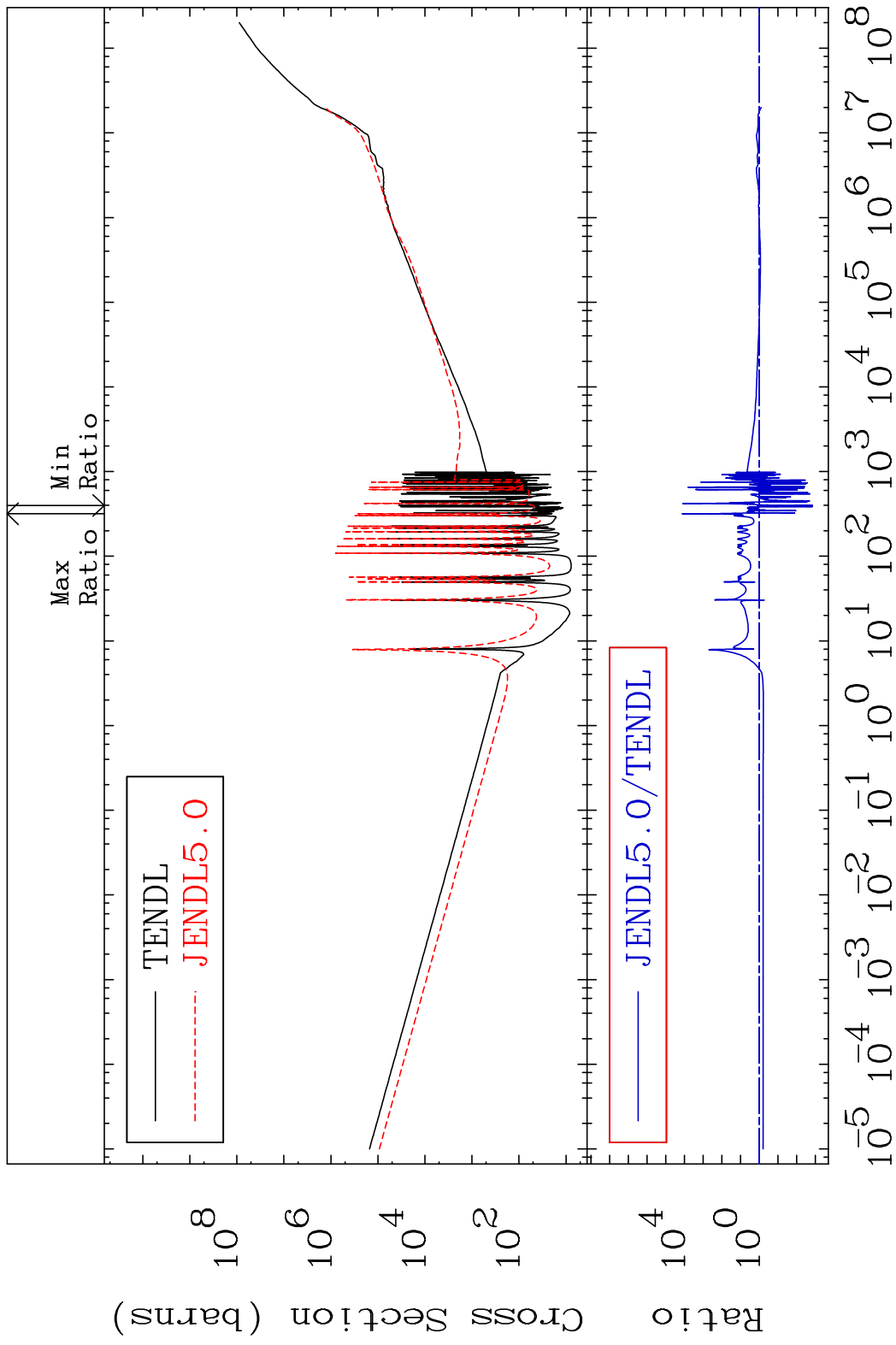
Incident Energy (eV)

68-Er-164

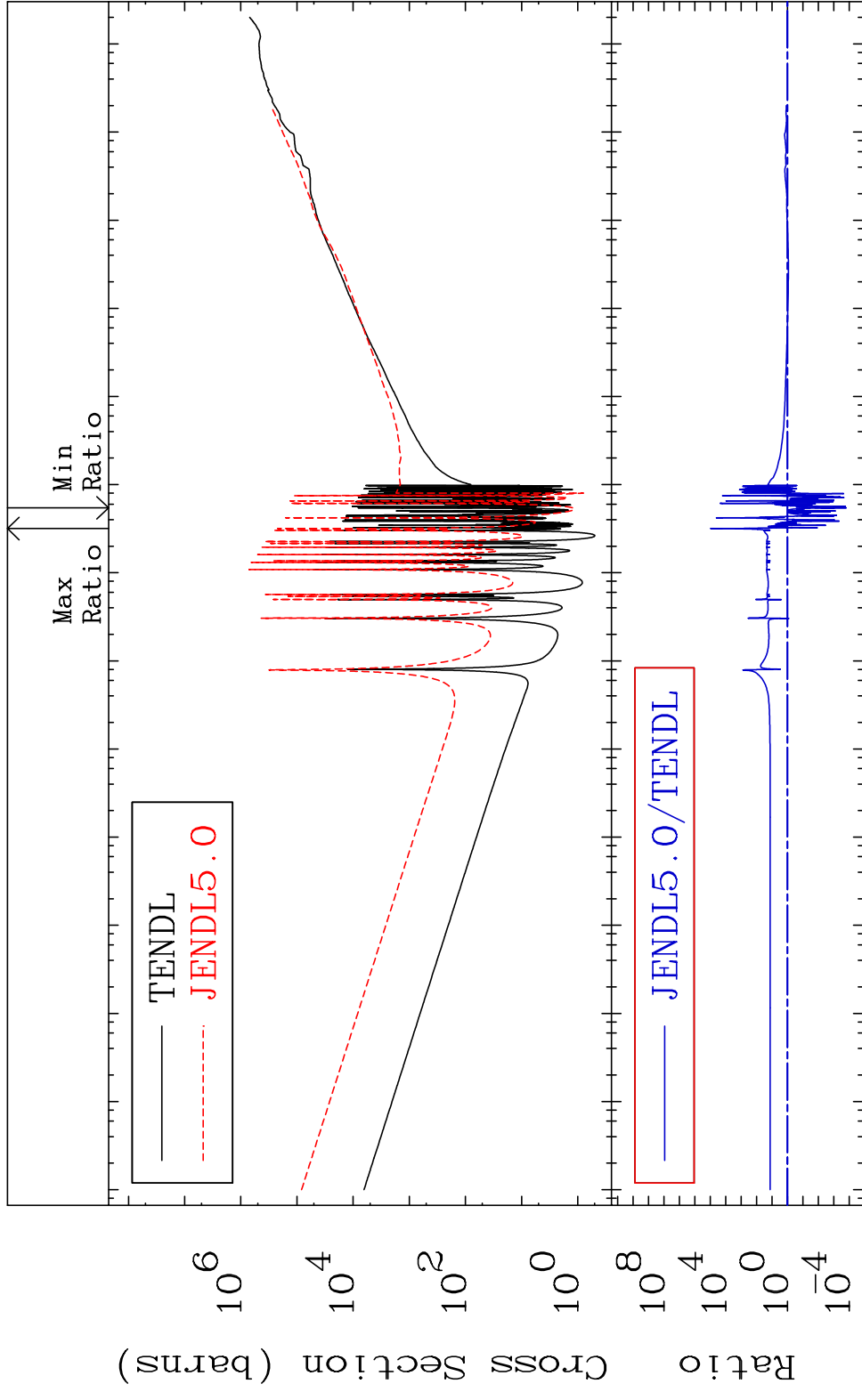
MAT 6831 Total photon (eV-barns) 68-Er-164  
 Cross Section -100.0 To 9999. %



MAT 6831 Total kinematic kerma (high limit) 68-Er-164  
 Cross Section -99.86 To 9999. %



MAT 6831      Dpa total (eV-barns)      68-Er-164  
 Cross Section      -99.98 To 9999. %



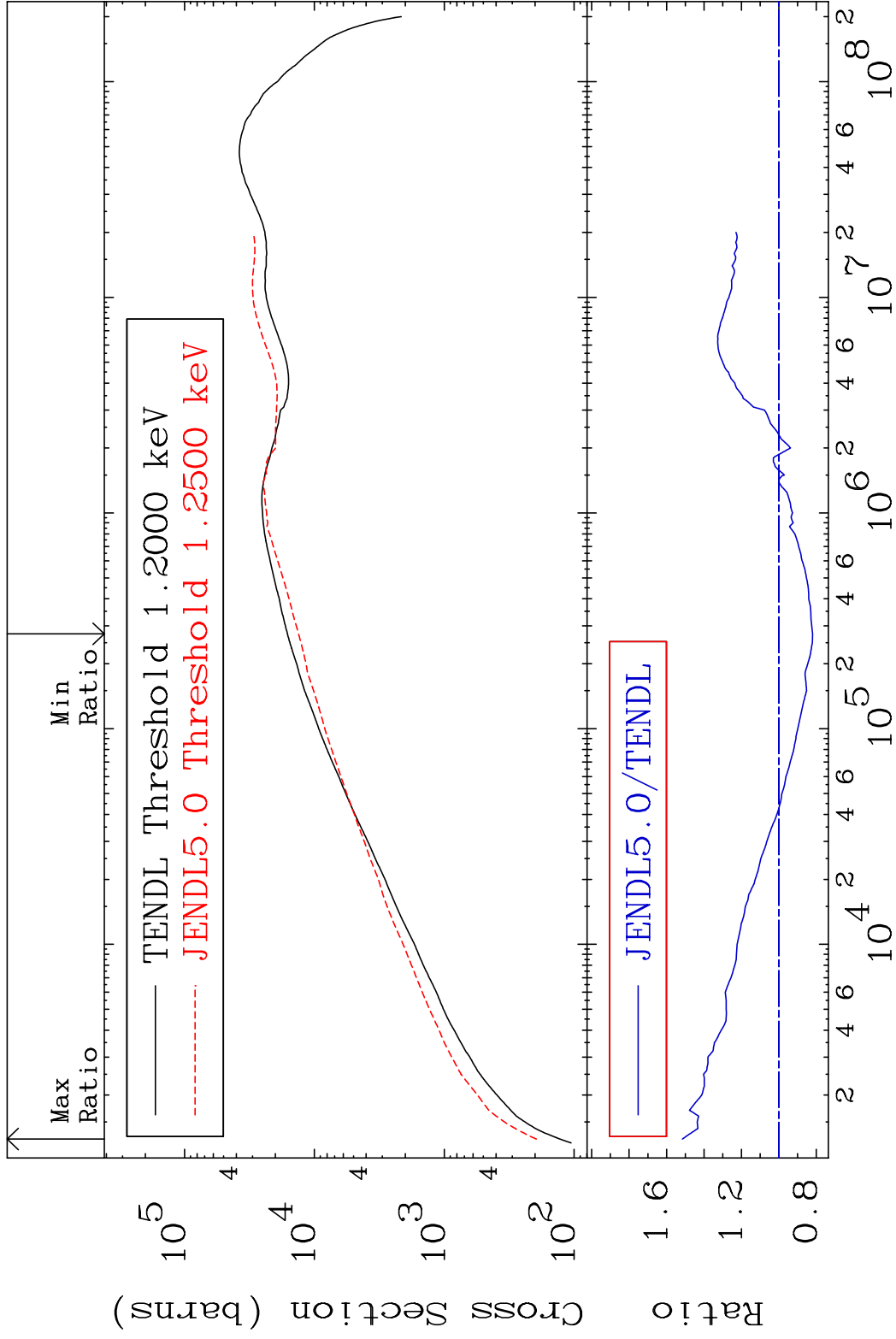
59      Incident Energy (eV)      68-Er-164

MAT 6831

Dpa elastic (mt2)

68-Er-164

Cross Section -17.97 To 51.57 %

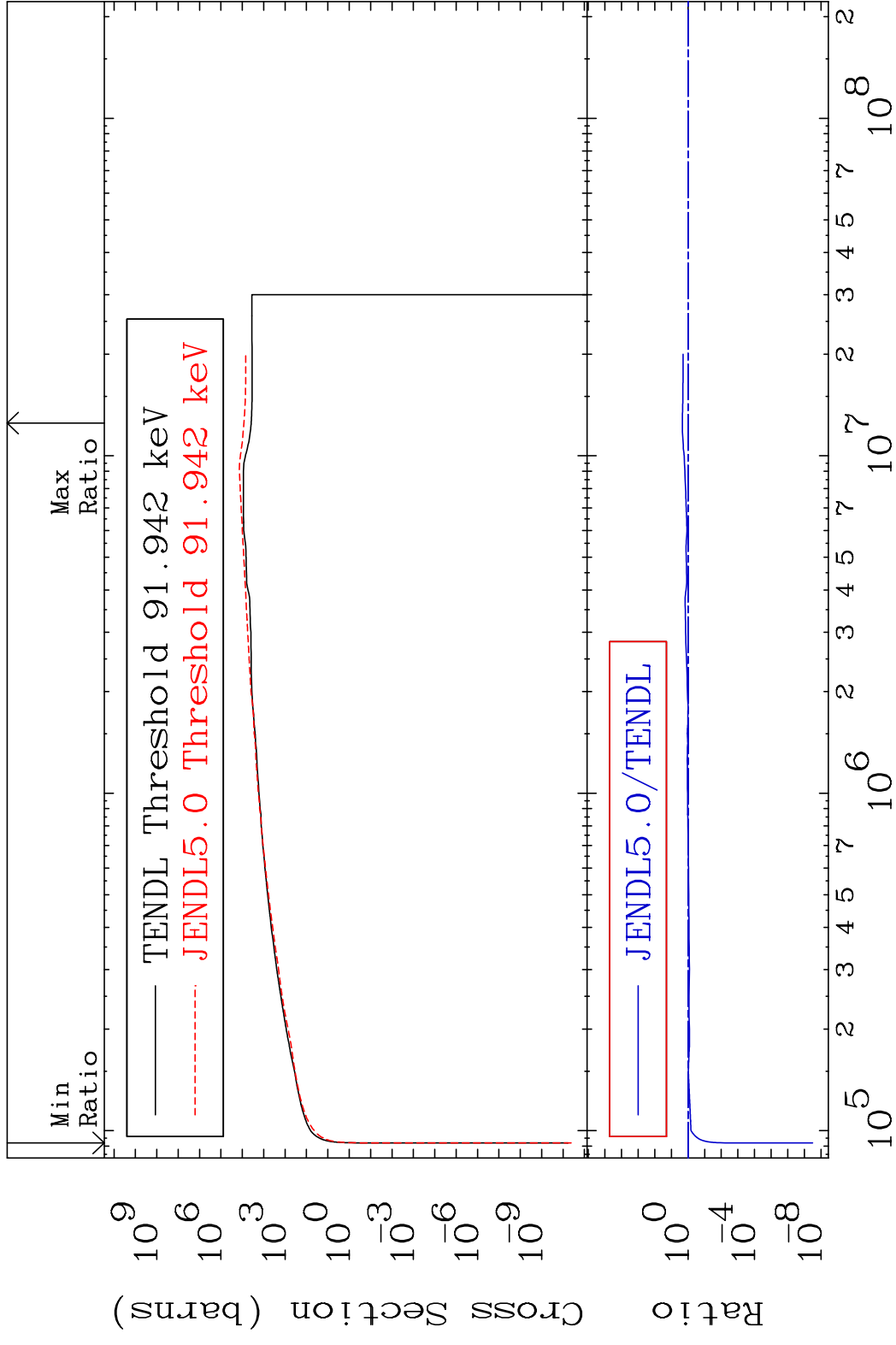


60

Incident Energy (eV)

68-Er-164

MAT 6831 Dpa inelastic (mt51-91) 68-Er-164  
 Cross Section -100.0 To 118.8 %



61 Incident Energy (eV) 68-Er-164

MAT 6831 Dpa disappearance (mt102 -120) 68-Er-164  
 Cross Section -99.98 To 9999. %

