

Program Complot  
(Version 2021-1)

by

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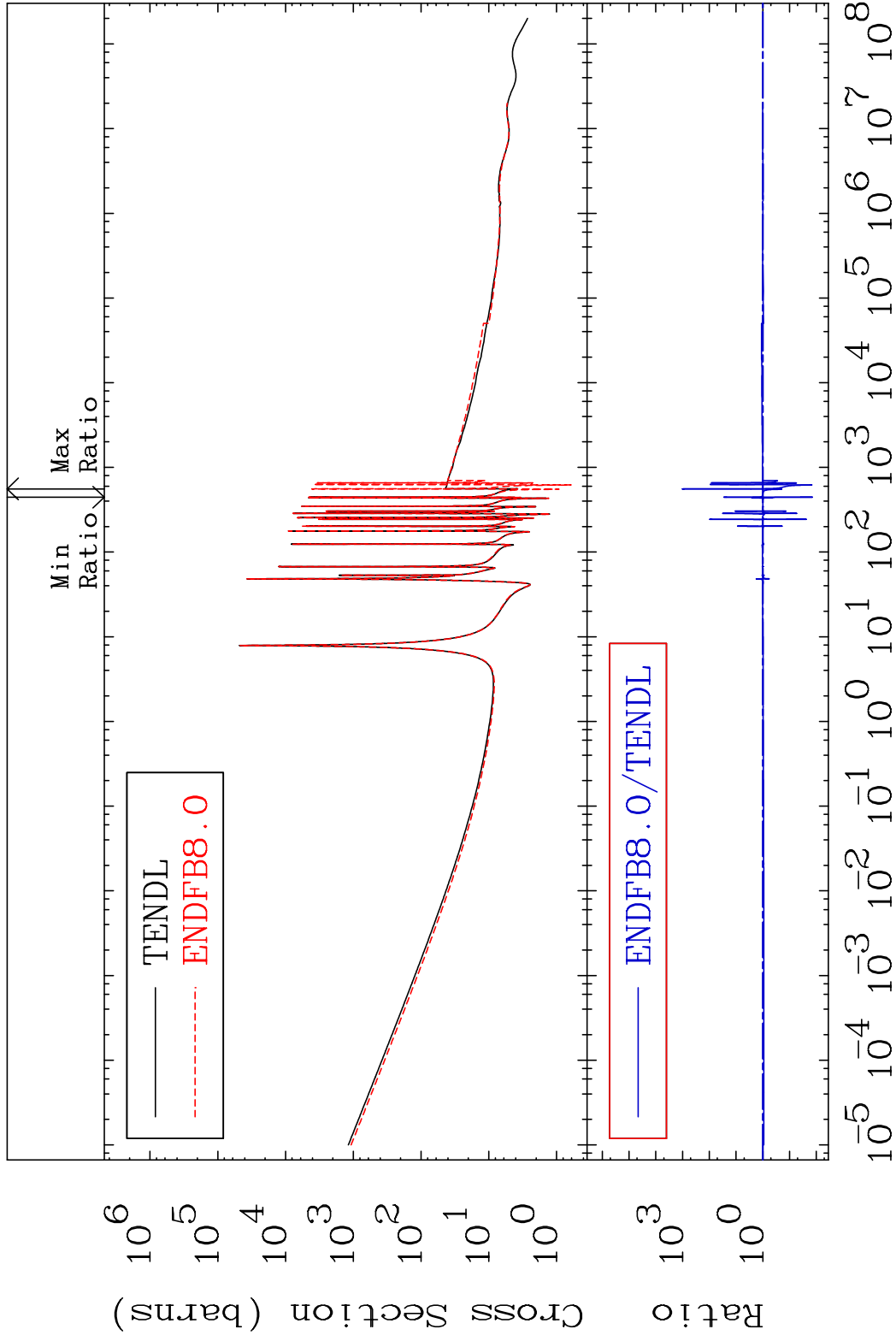
Press Mouse Button to Start

MAT 7231

Total

72-Hf-176

Cross Section -98.62 To 9999. %



1

Incident Energy (eV)

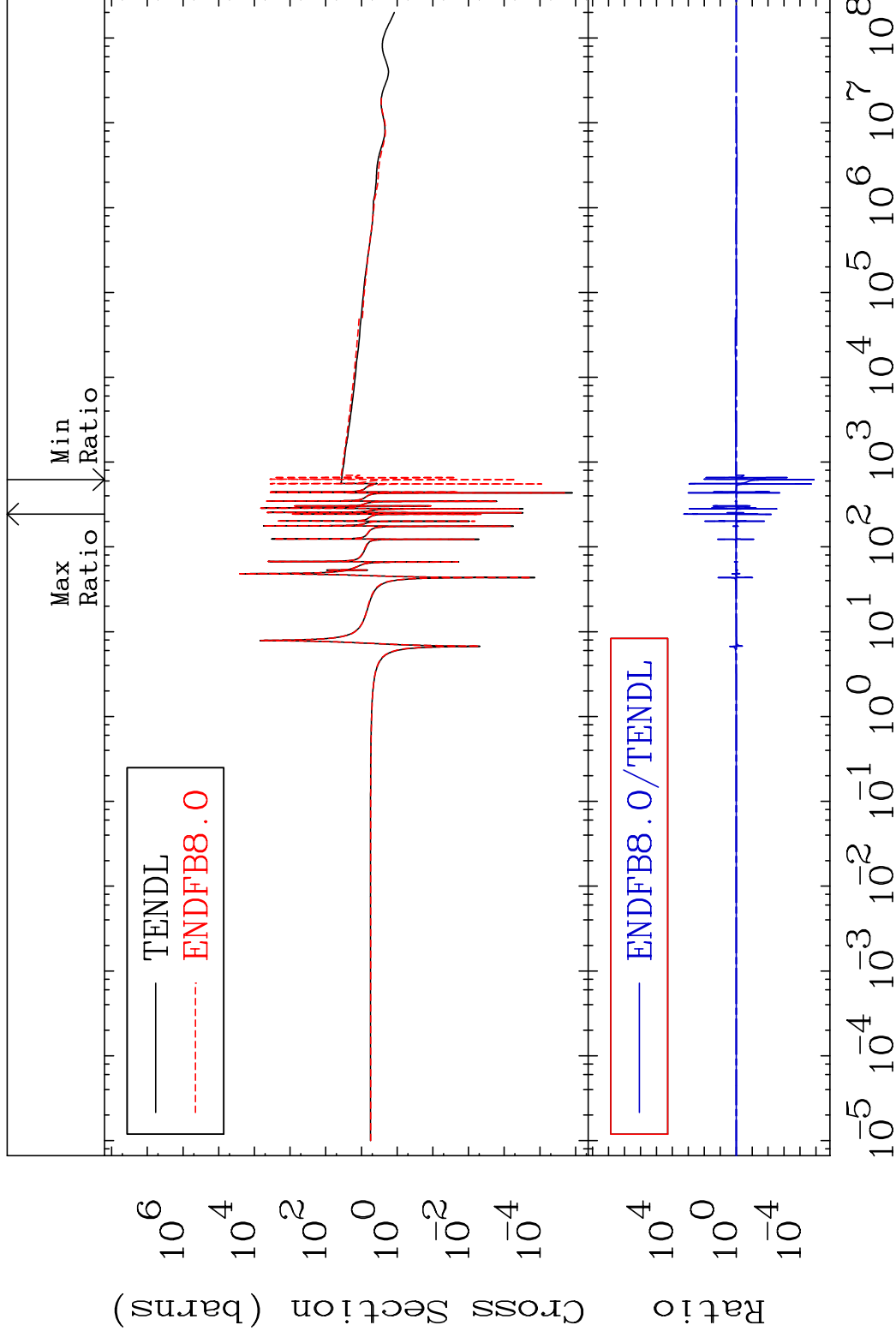
72-Hf-176

MAT 7231

Elastic

72-Hf-176

Cross Section -100.0 To 9999. %



2

Incident Energy (eV)

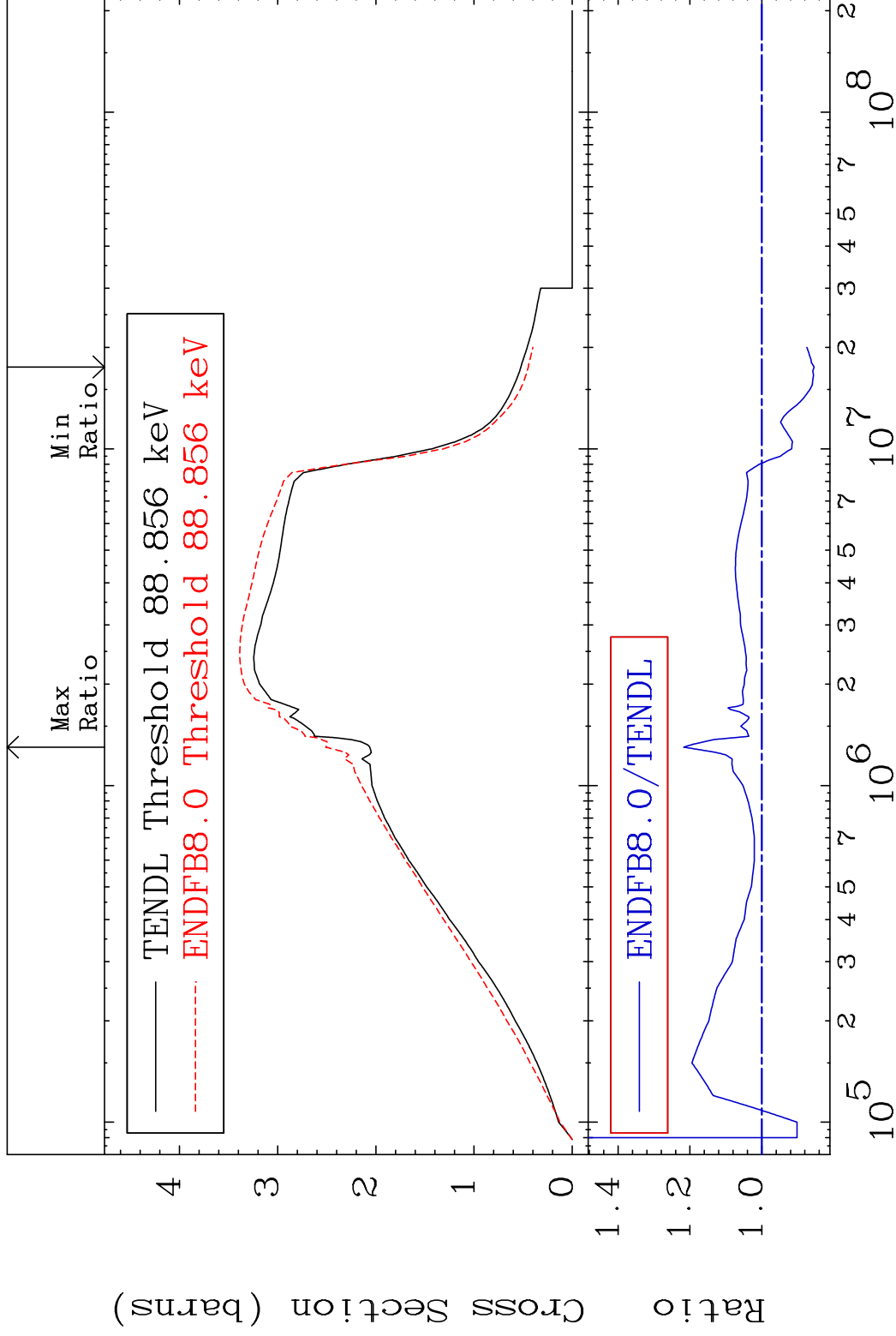
72-Hf-176

MAT 7231

Inelastic

72-Hf-176

Cross Section -14.57 To 21.76 %



3

Incident Energy (eV)

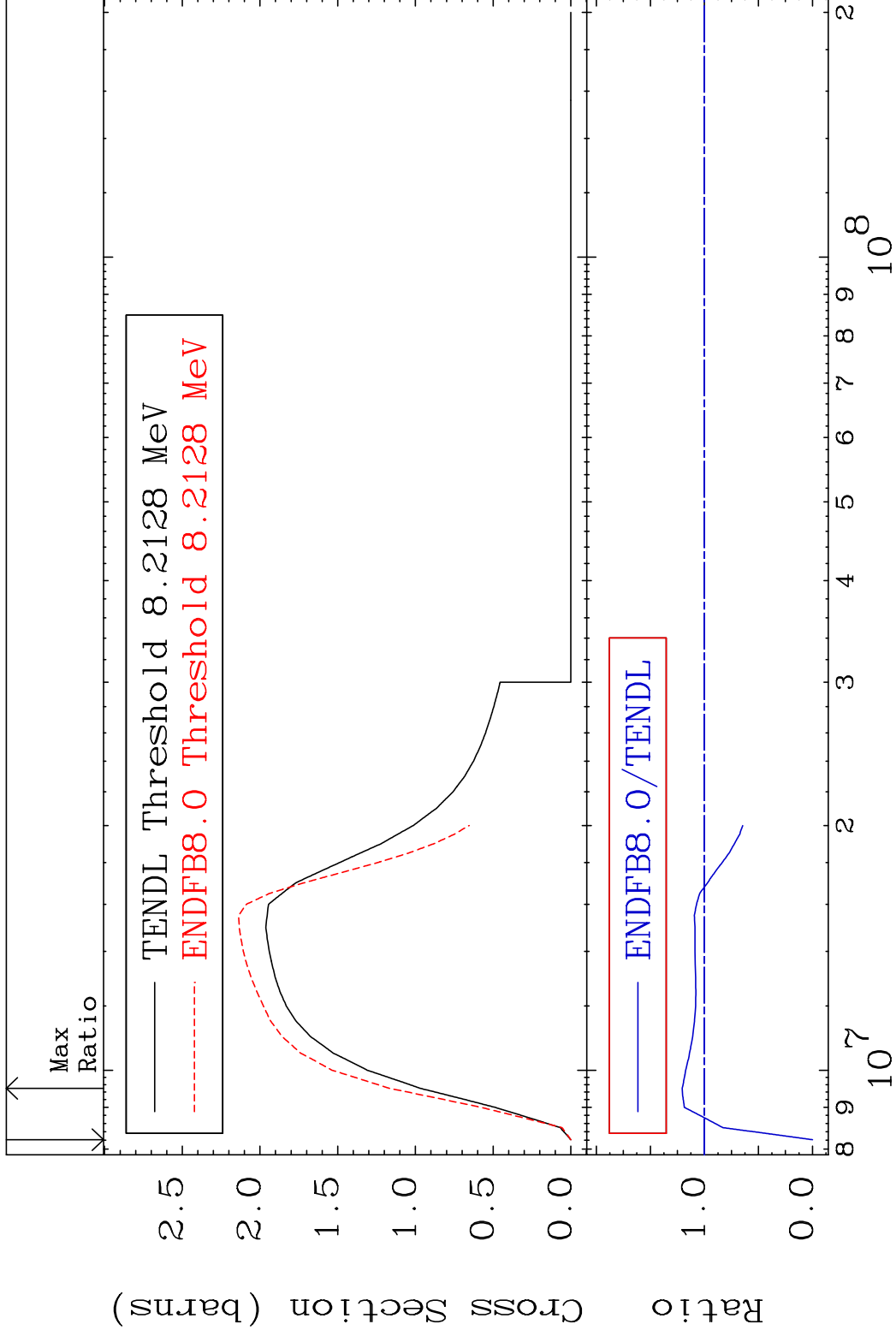
72-Hf-176

MAT 7231

(n,2n)

72-Hf-176

Cross Section -100.0 To 20.60 %



4

Incident Energy (eV)

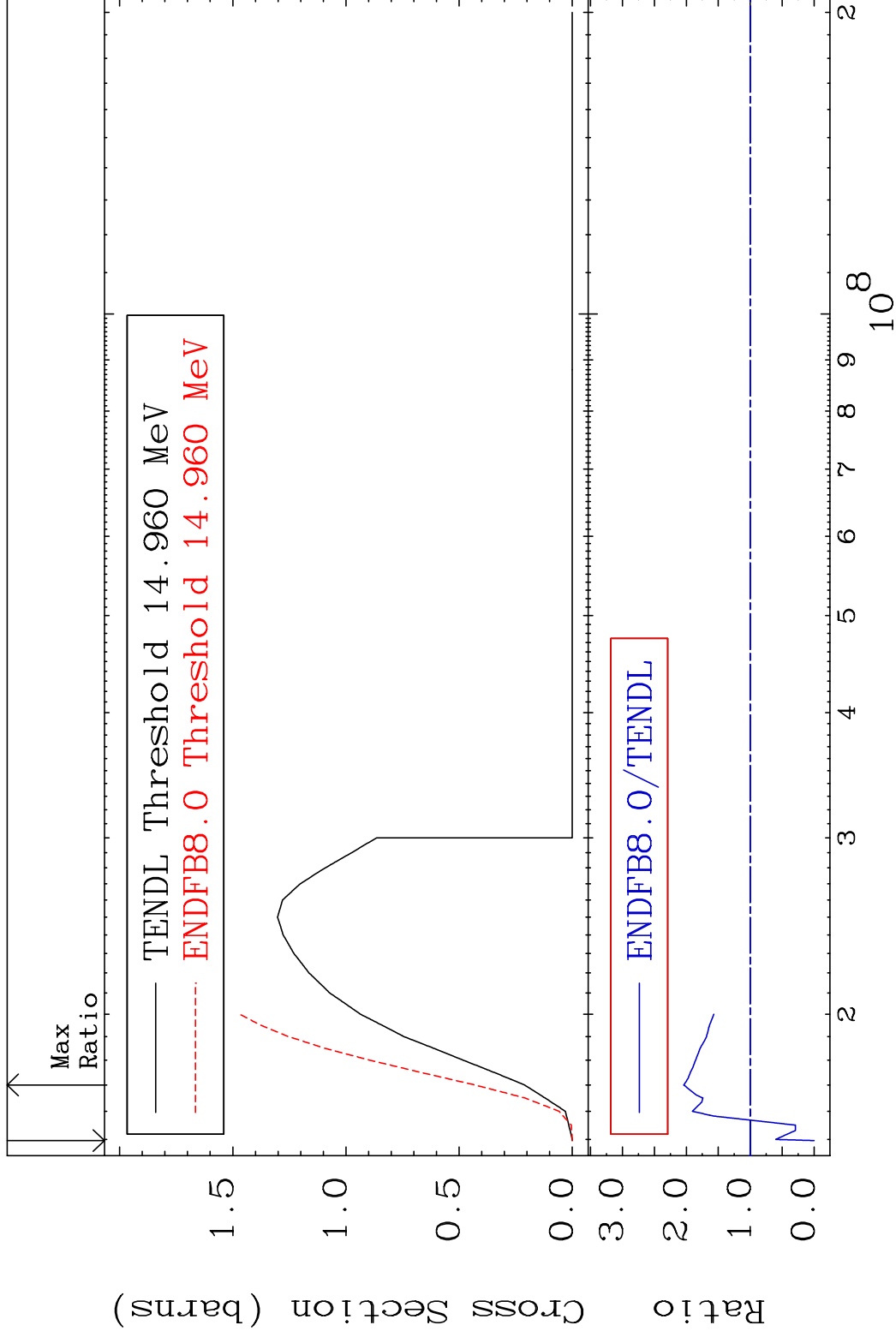
72-Hf-176

MAT 7231

(n,3n)

72-Hf-176

Cross Section -100.0 To 104.2 %



5

Incident Energy (eV)

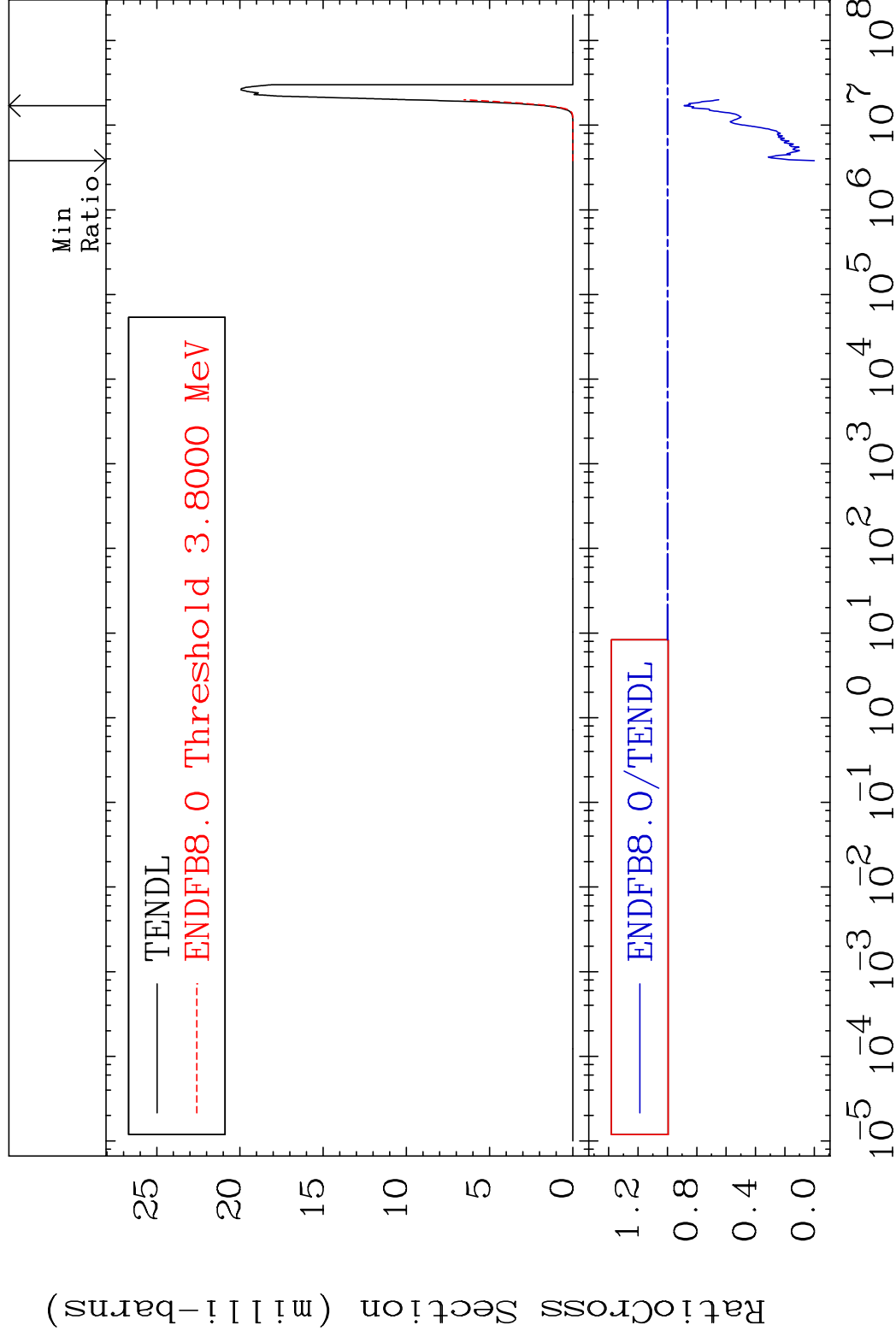
72-Hf-176

MAT 7231

(n, n')  $\alpha$

72-Hf-176

Cross Section -100.0 To -11.33%



6

Incident Energy (eV)

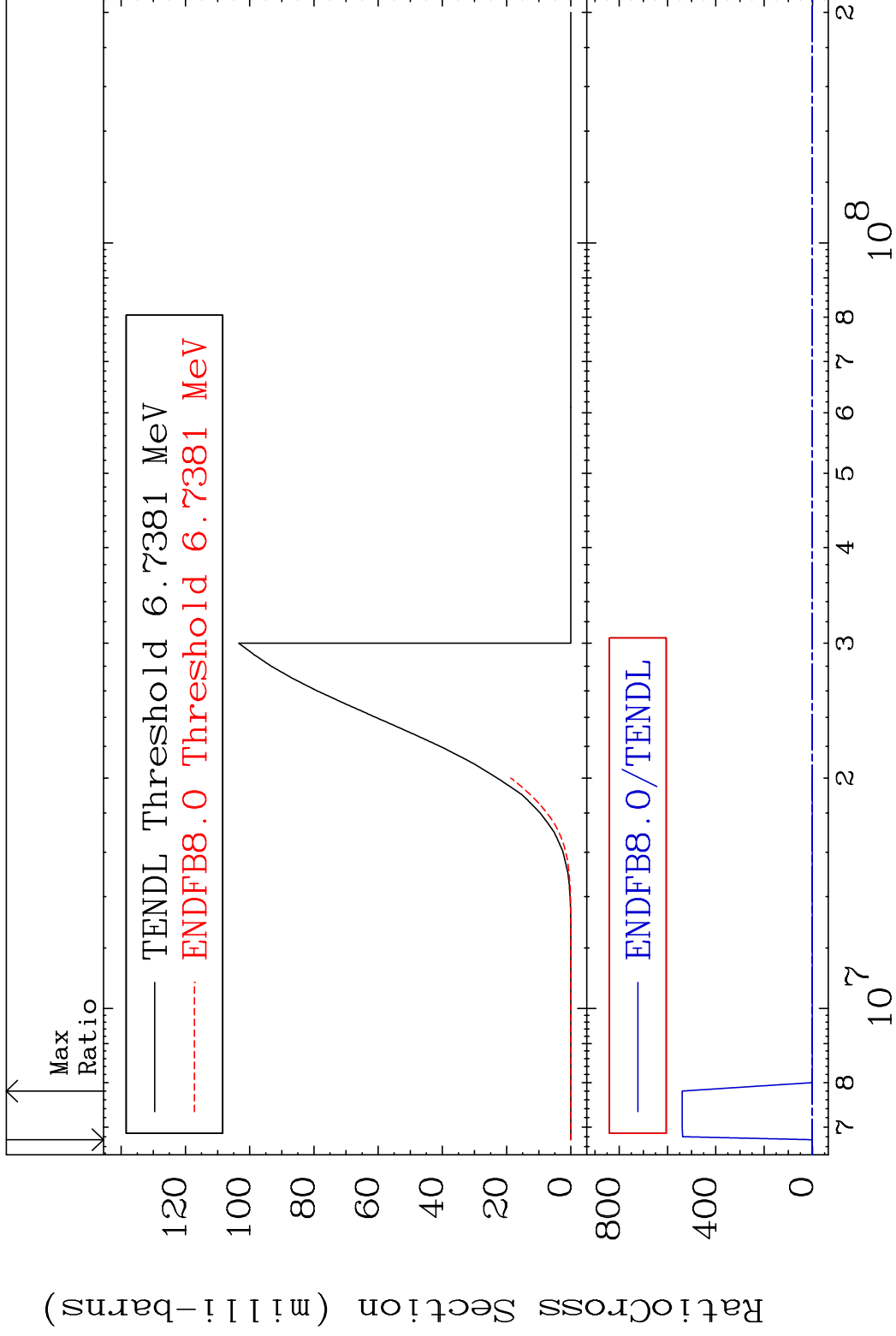
72-Hf-176

MAT 7231

(n, n') p

72-Hf-176

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

72-Hf-176

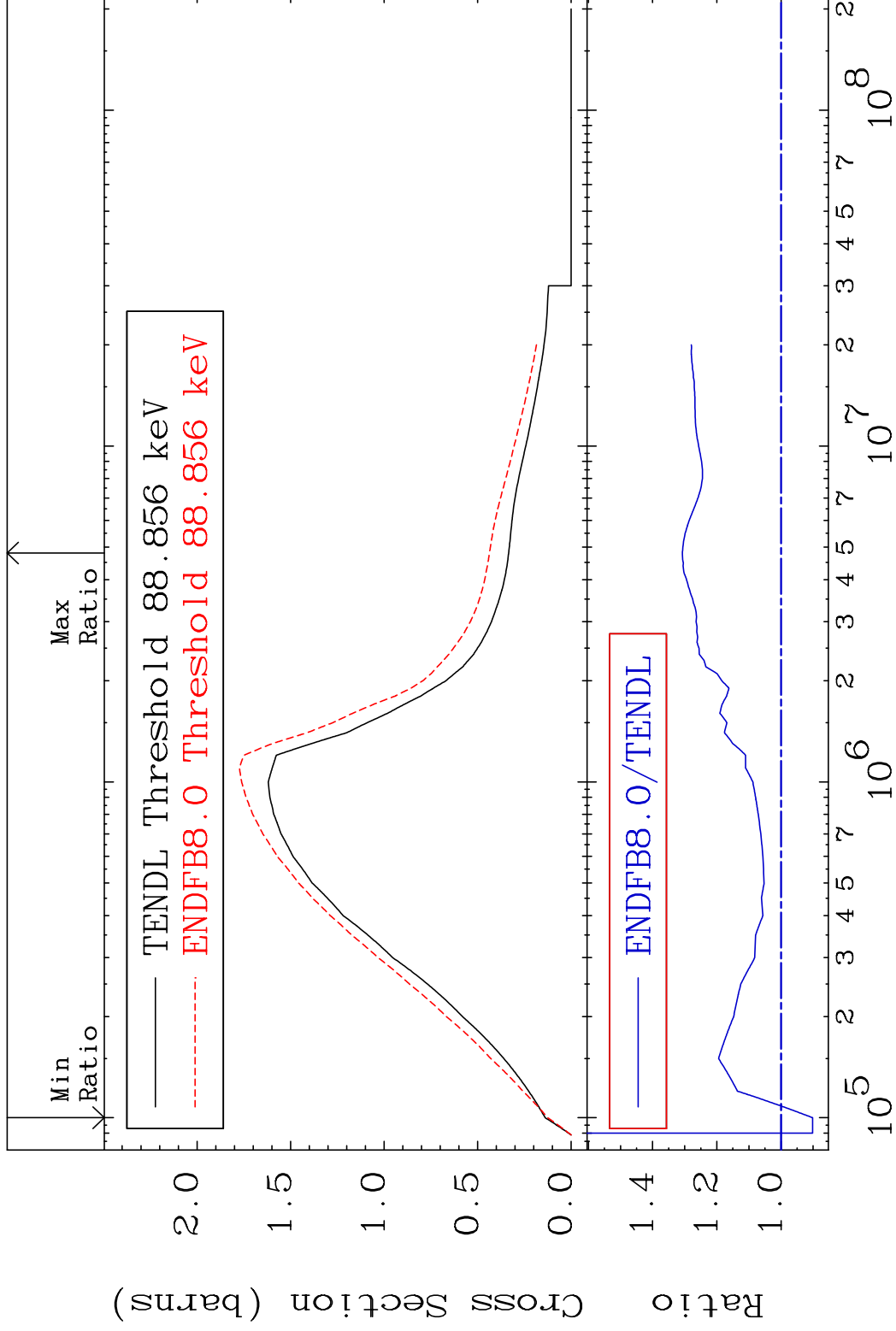


MAT 7231

MT= 51 (n, n') Level

72-Hf-176

Cross Section -9.818 To 30.74 %

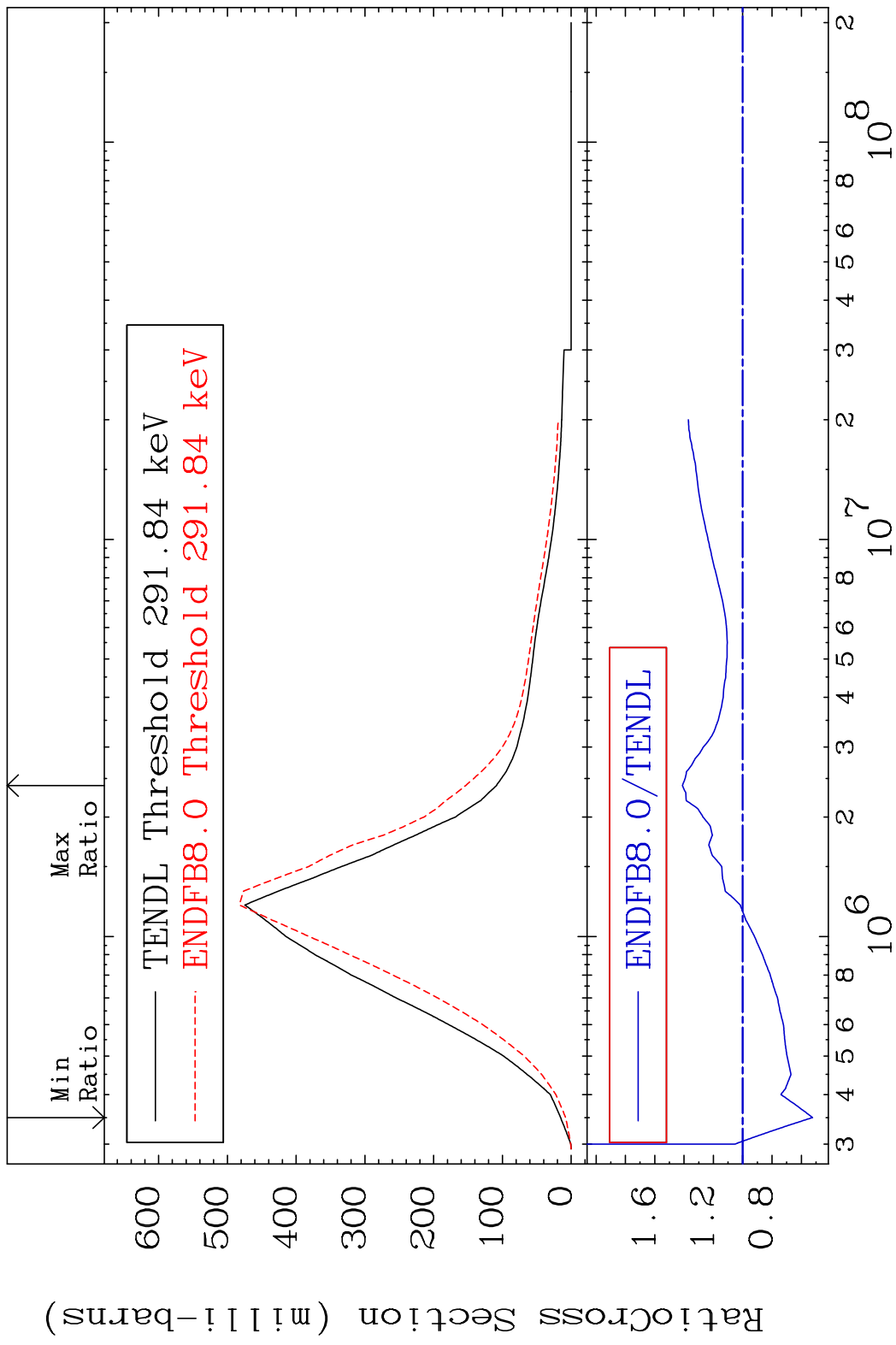


8

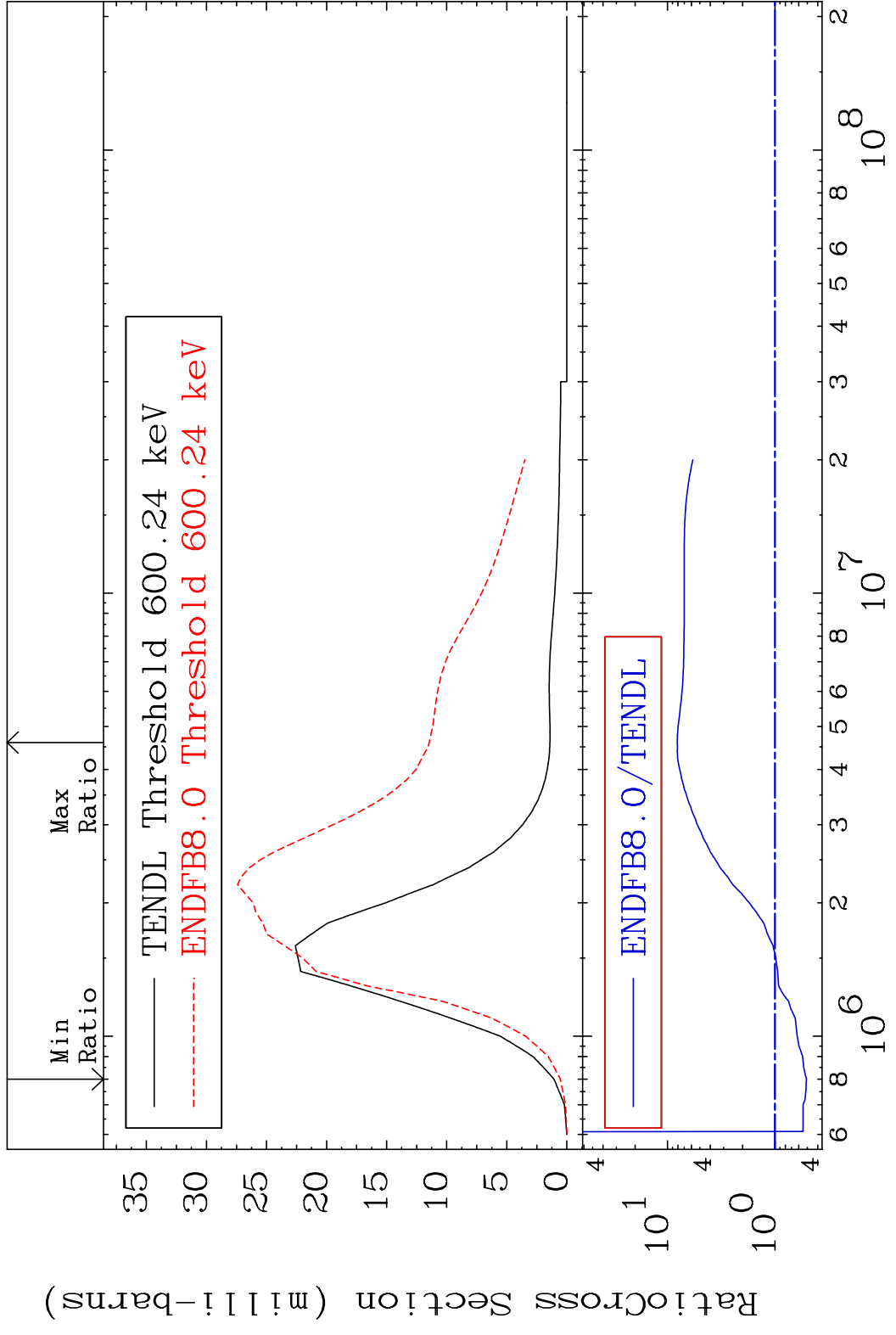
Incident Energy (eV)

72-Hf-176

MAT 7231 MT= 52 (n,n') Level 72-Hf-176  
 Cross Section -47.66 To 41.16 %

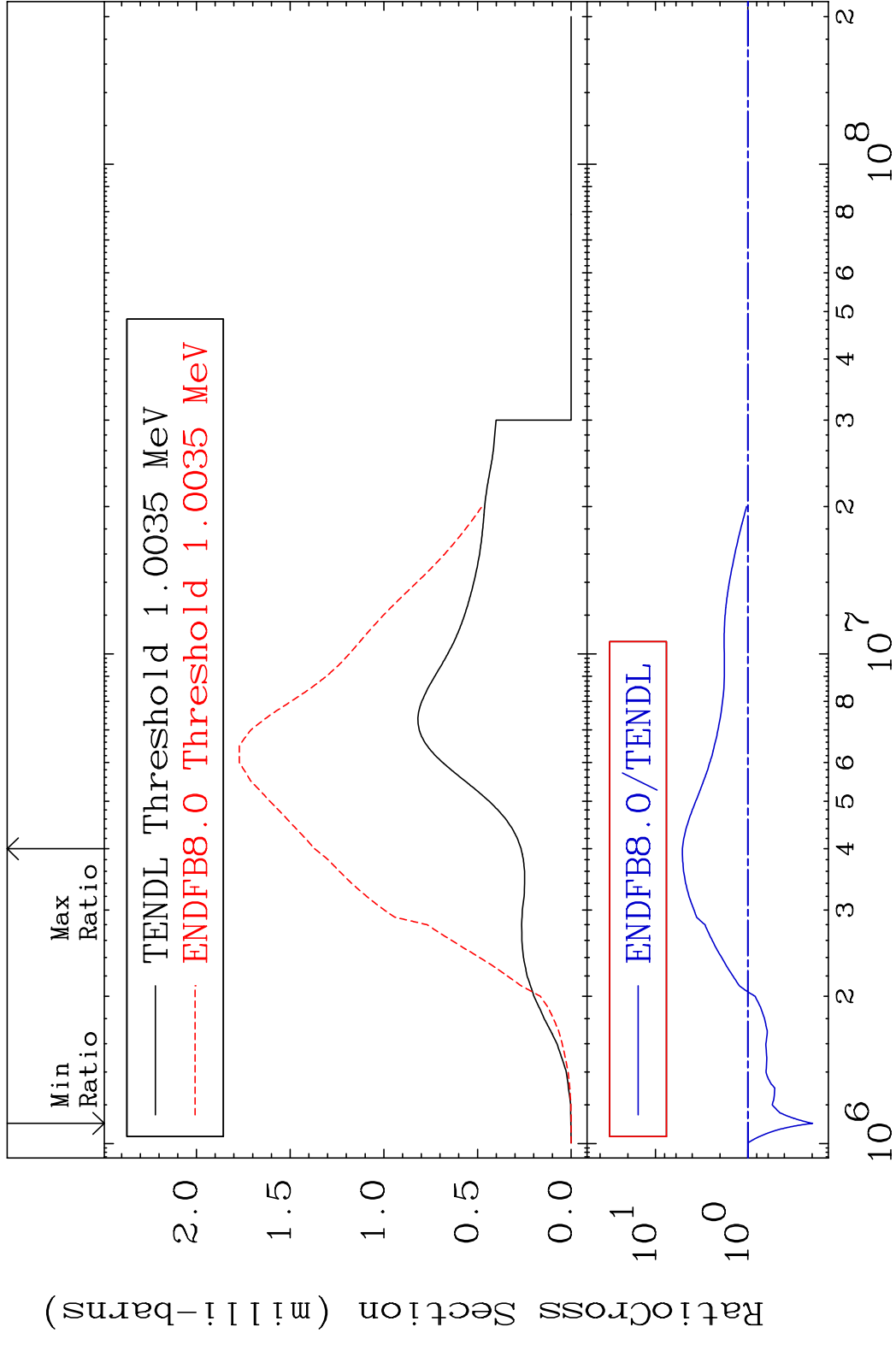


MAT 7231 MT= 53 (n,n') Level 72-Hf-176  
 Cross Section -49.05 To 713.4 %

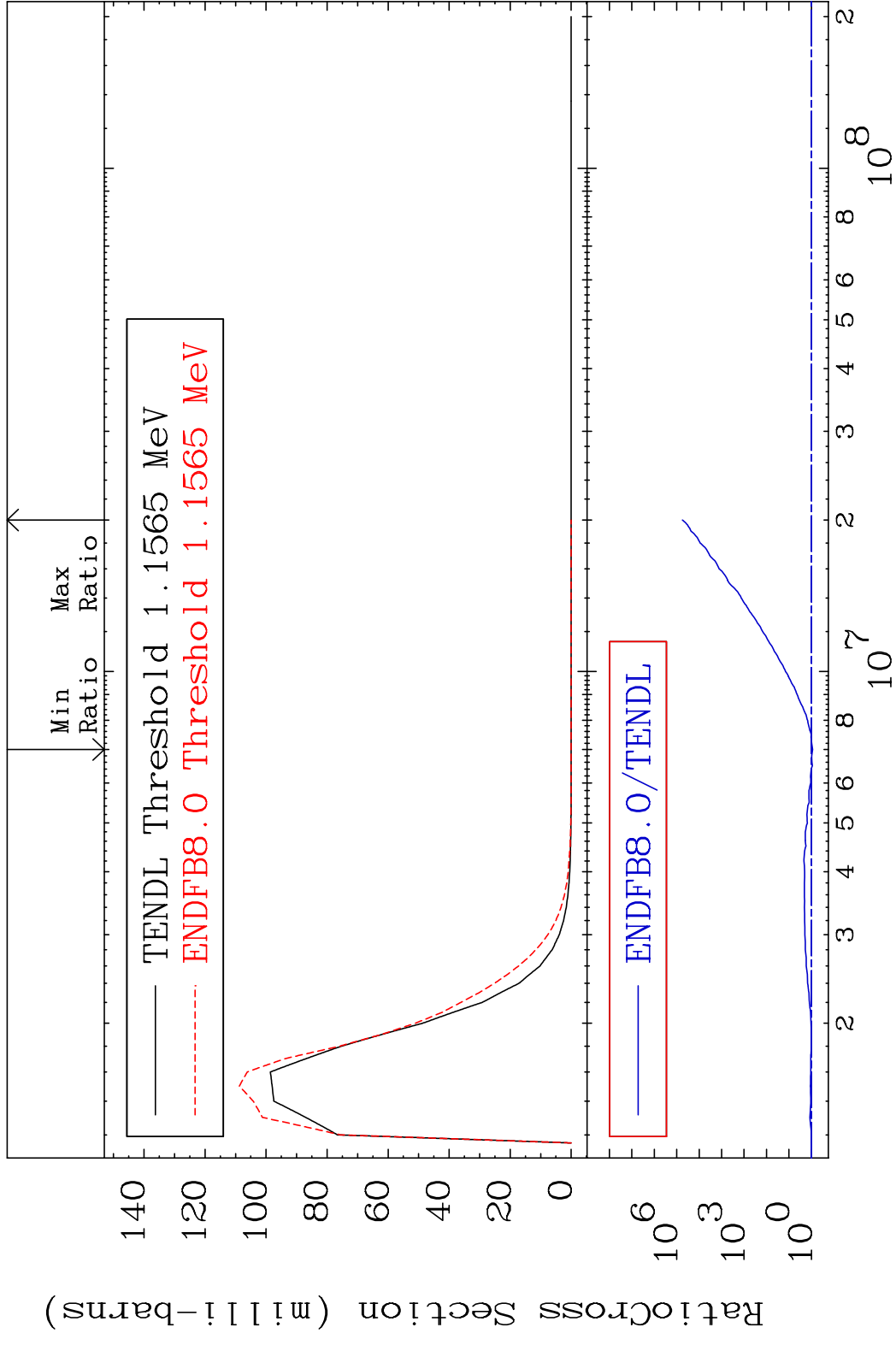


10 Incident Energy (eV) 72-Hf-176

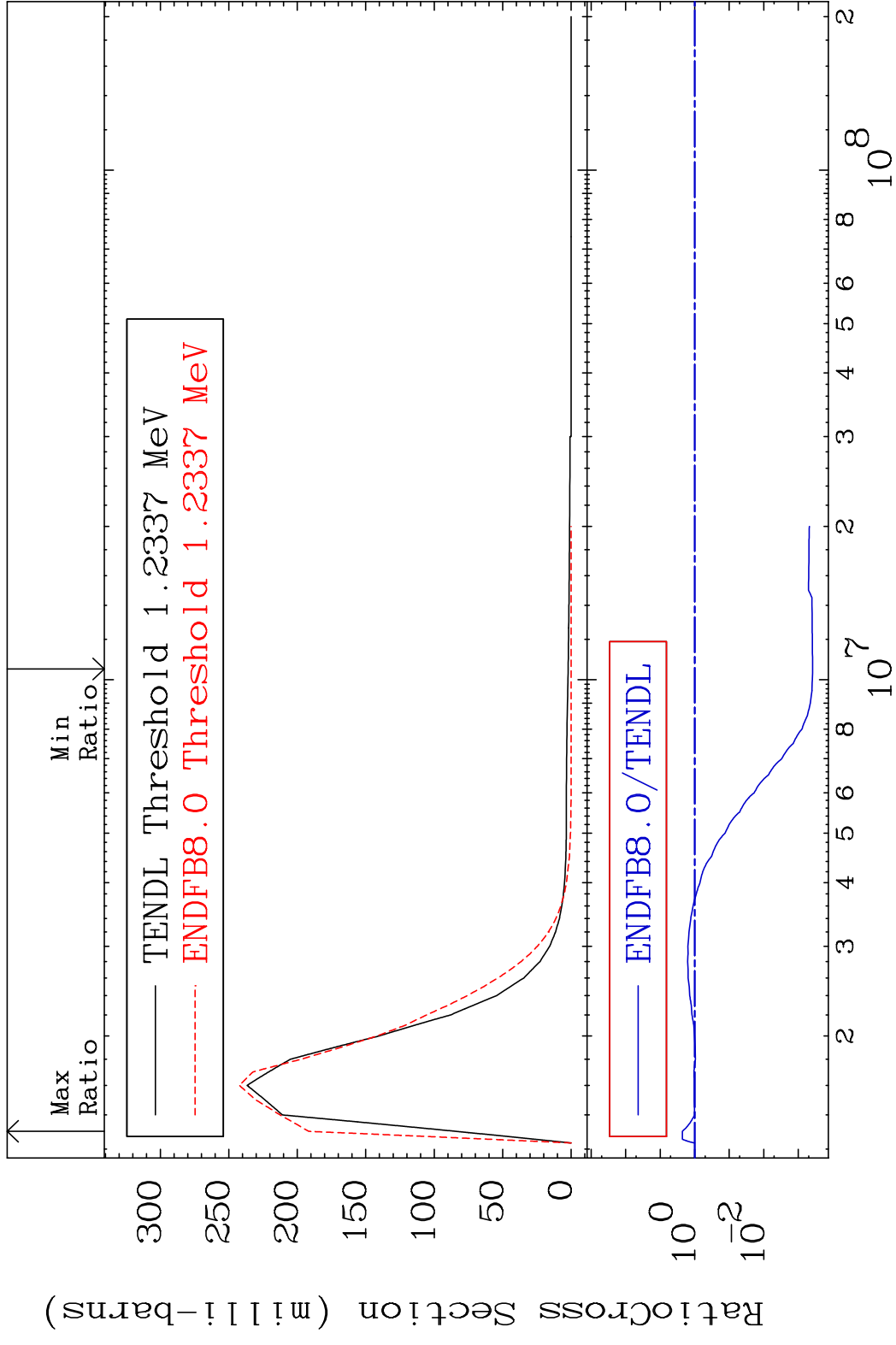
MAT 7231 MT= 54 (n,n') Level 72-Hf-176  
 Cross Section -80.19 To 412.2 %



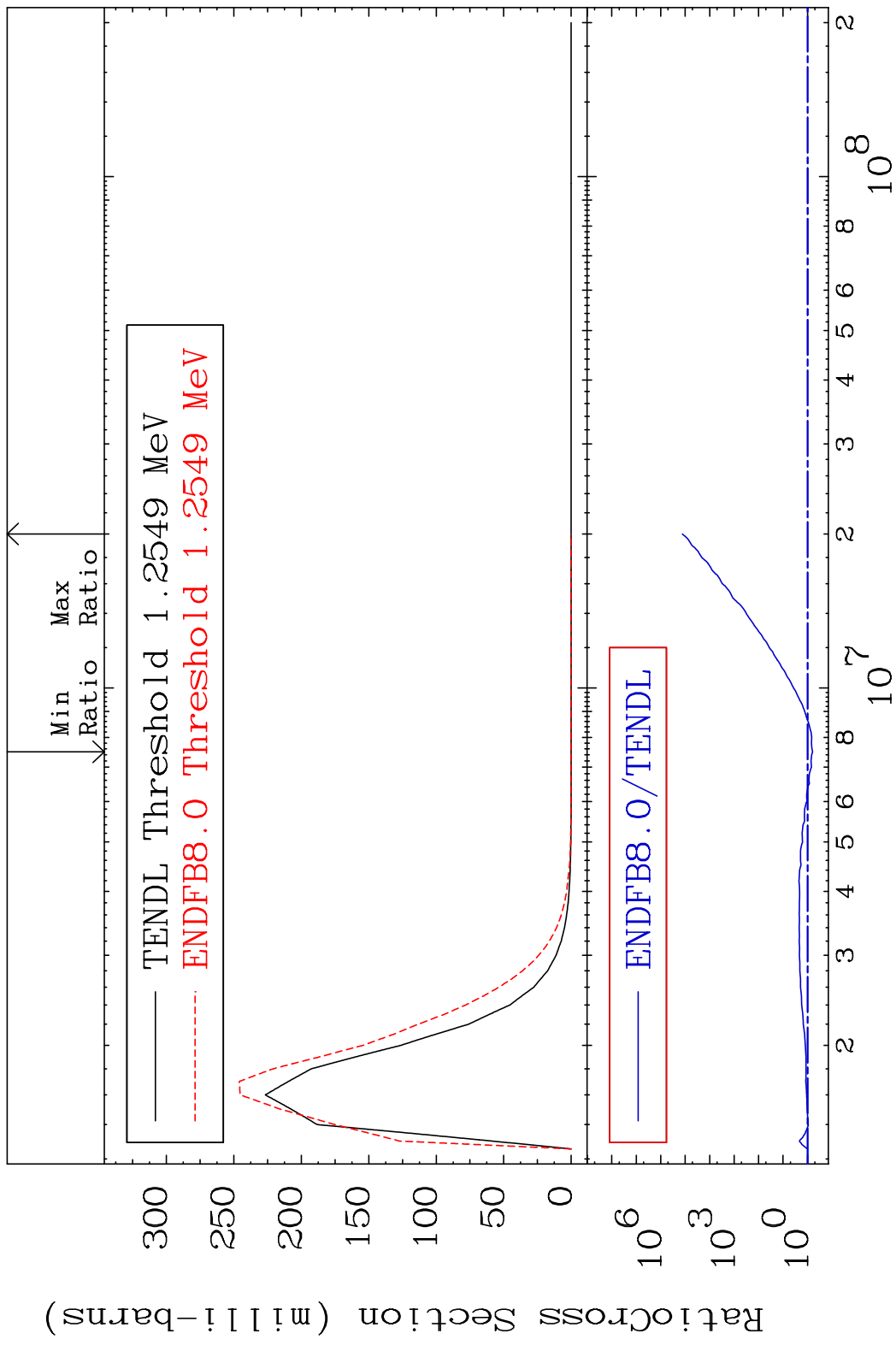
MAT 7231 MT= 55 (n, n') Level 72-Hf-176  
 Cross Section -10.80 To 9999. %



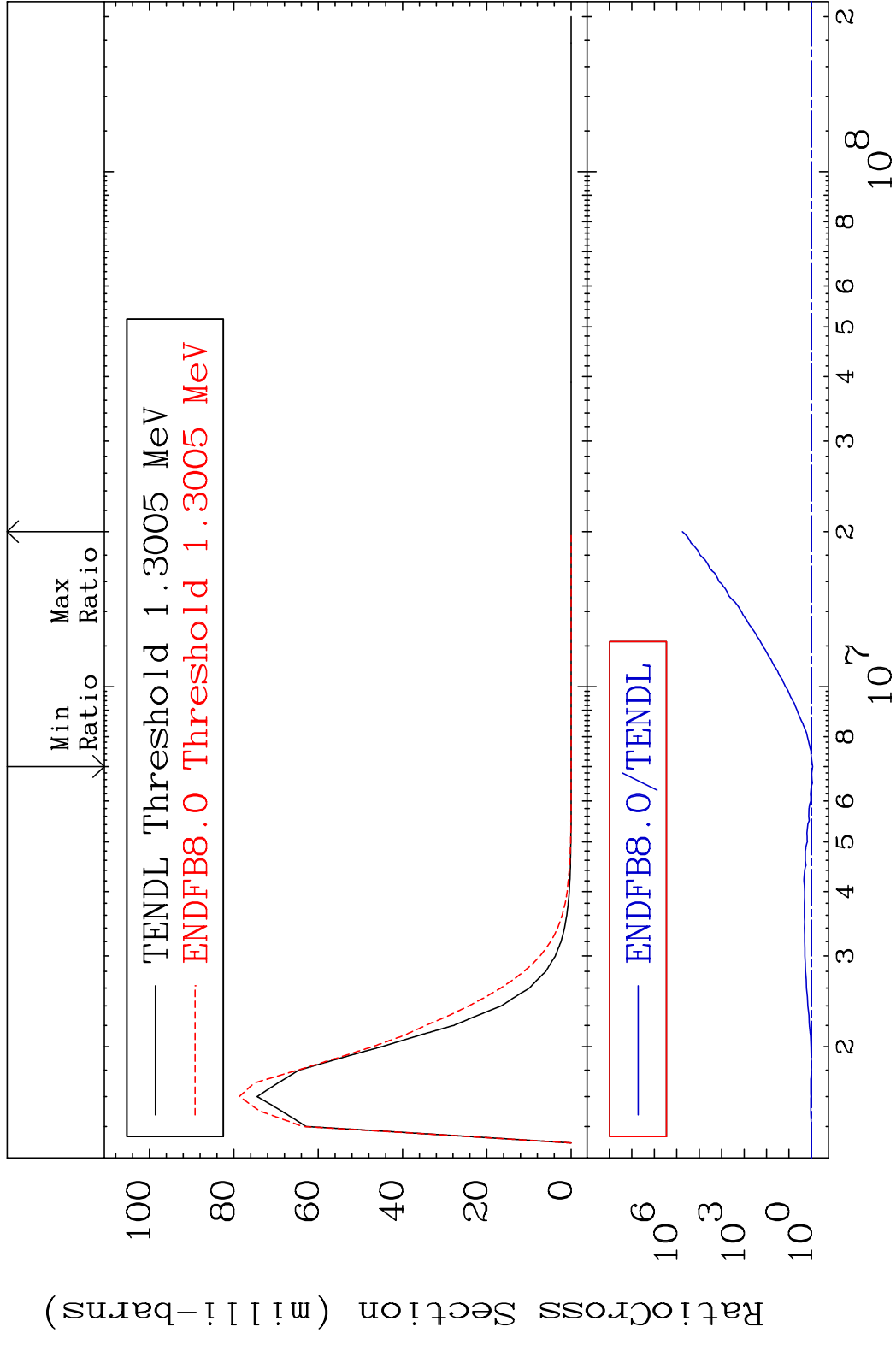
MAT 7231 MT= 56 (n,n') Level 72-Hf-176  
 Cross Section -99.96 To 128.0 %



MAT 7231 MT= 57 (n, n') Level 72-Hf-176  
 Cross Section -37.58 To 9999. %

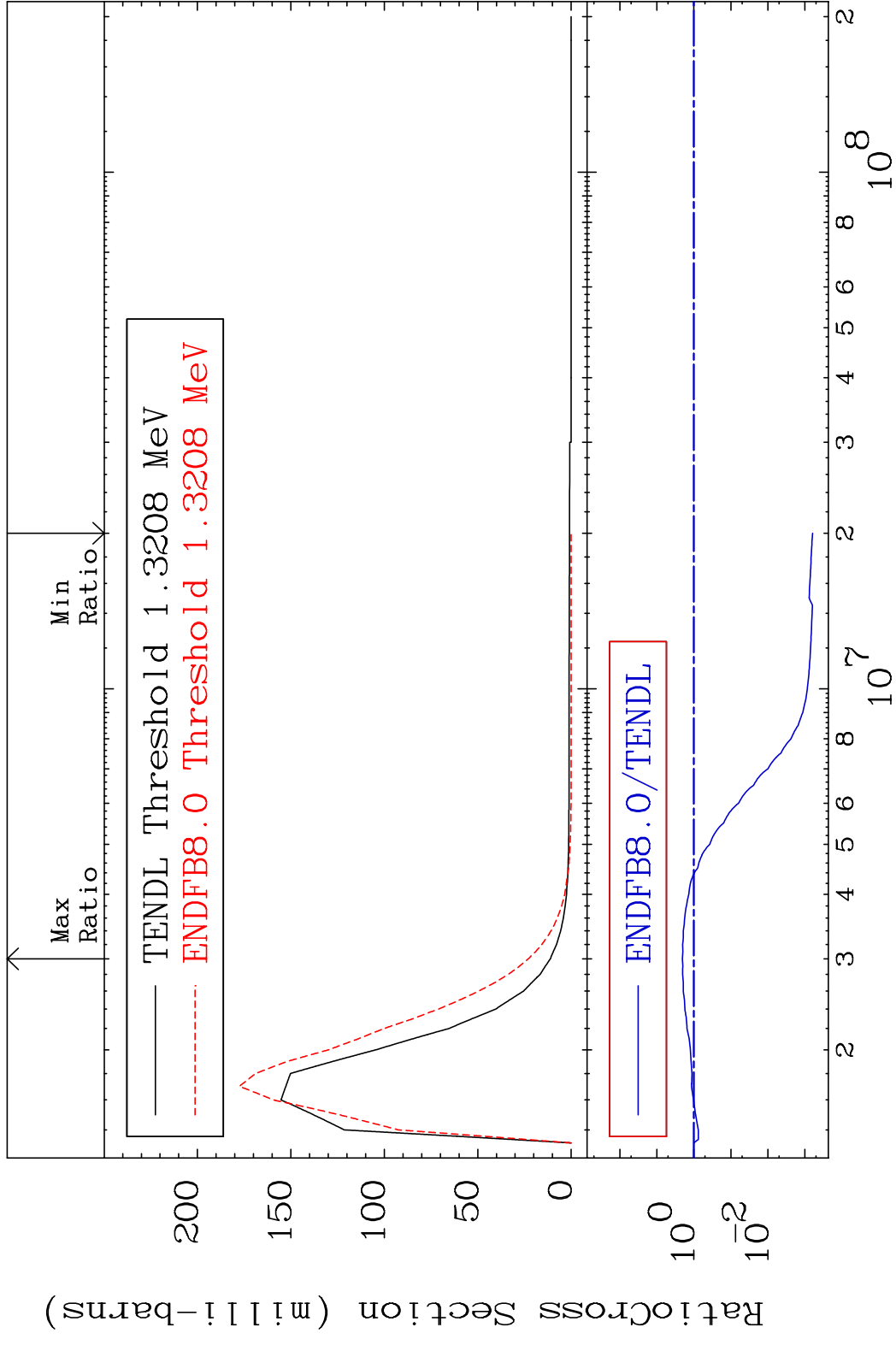


MAT 7231 MT= 58 (n, n') Level 72-Hf-176  
 Cross Section -10.87 To 9999. %

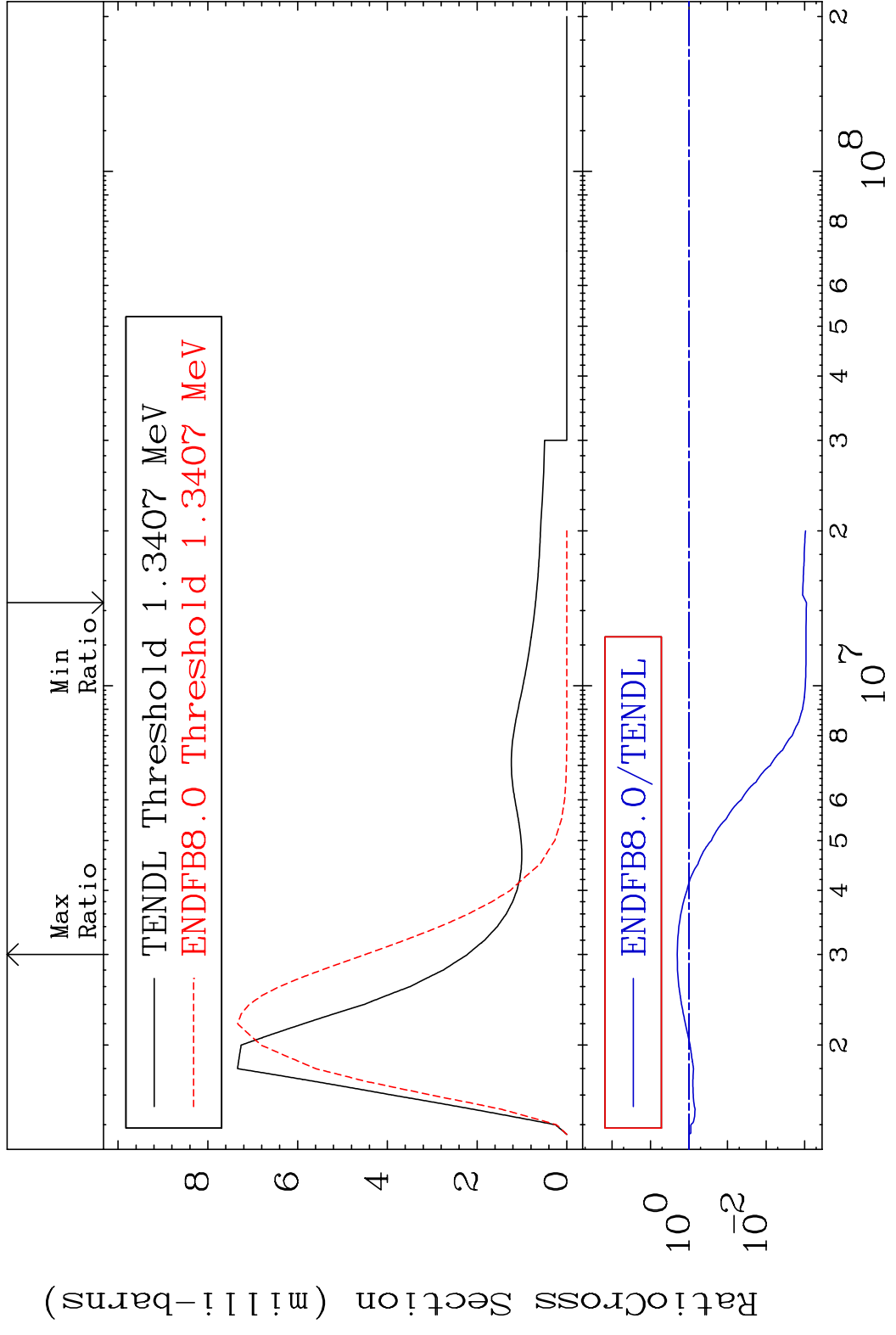




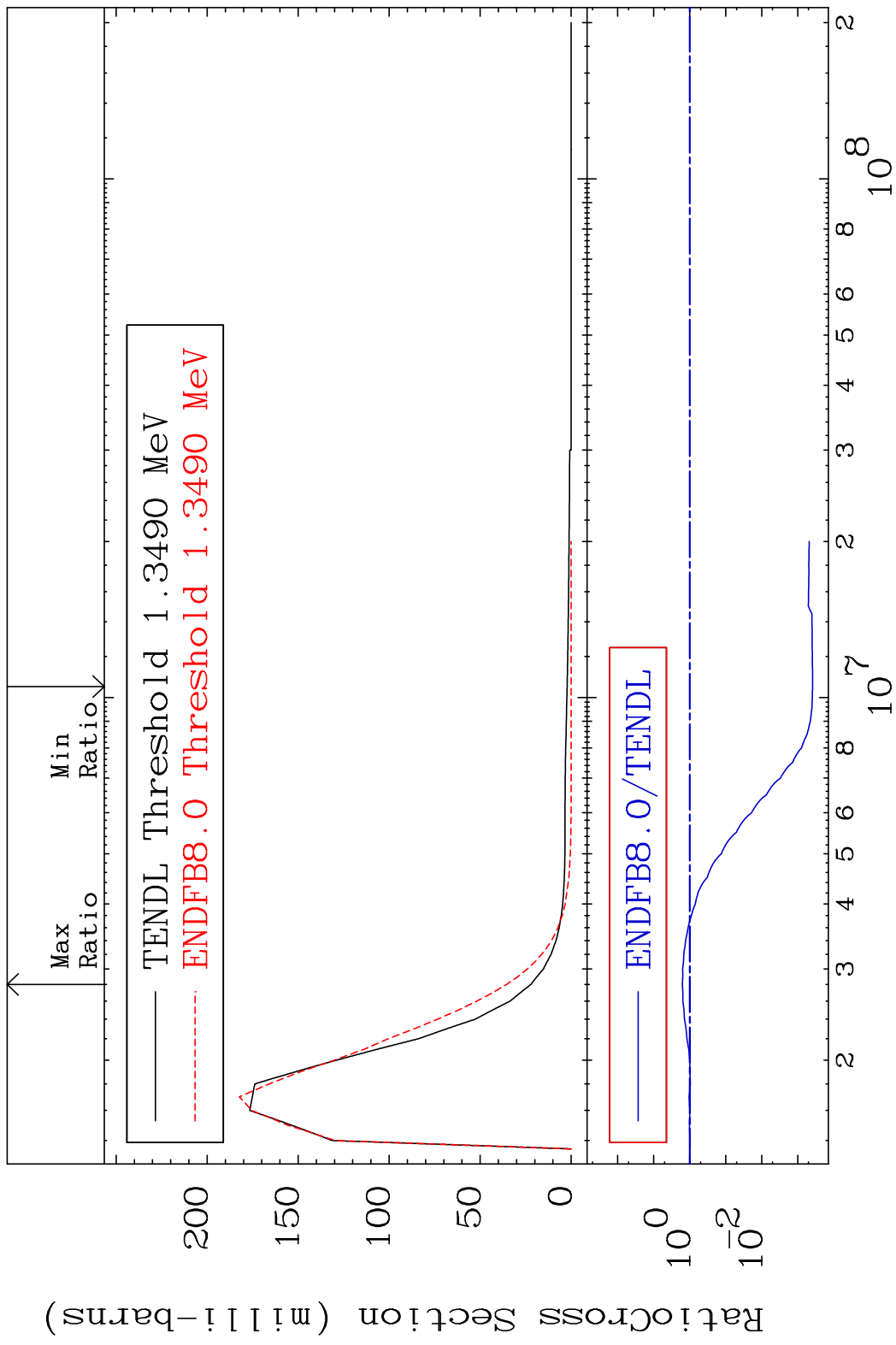
MAT 7231 MT= 59 (n, n') Level 72-Hf-176  
 Cross Section -99.94 To 105.0 %



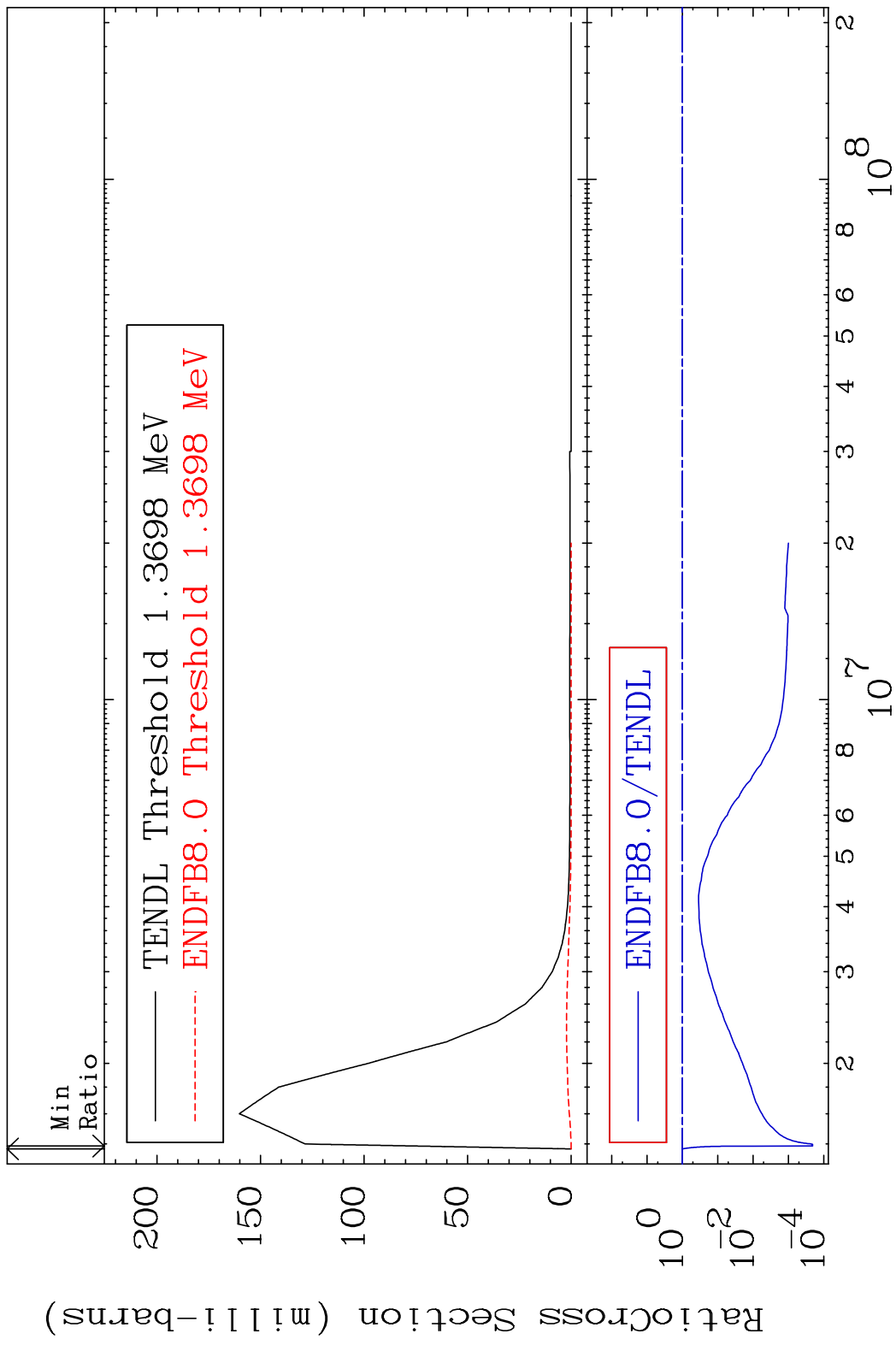
MAT 7231 MT= 60 (n,n') Level 72-Hf-176  
 Cross Section -99.91 To 102.8 %



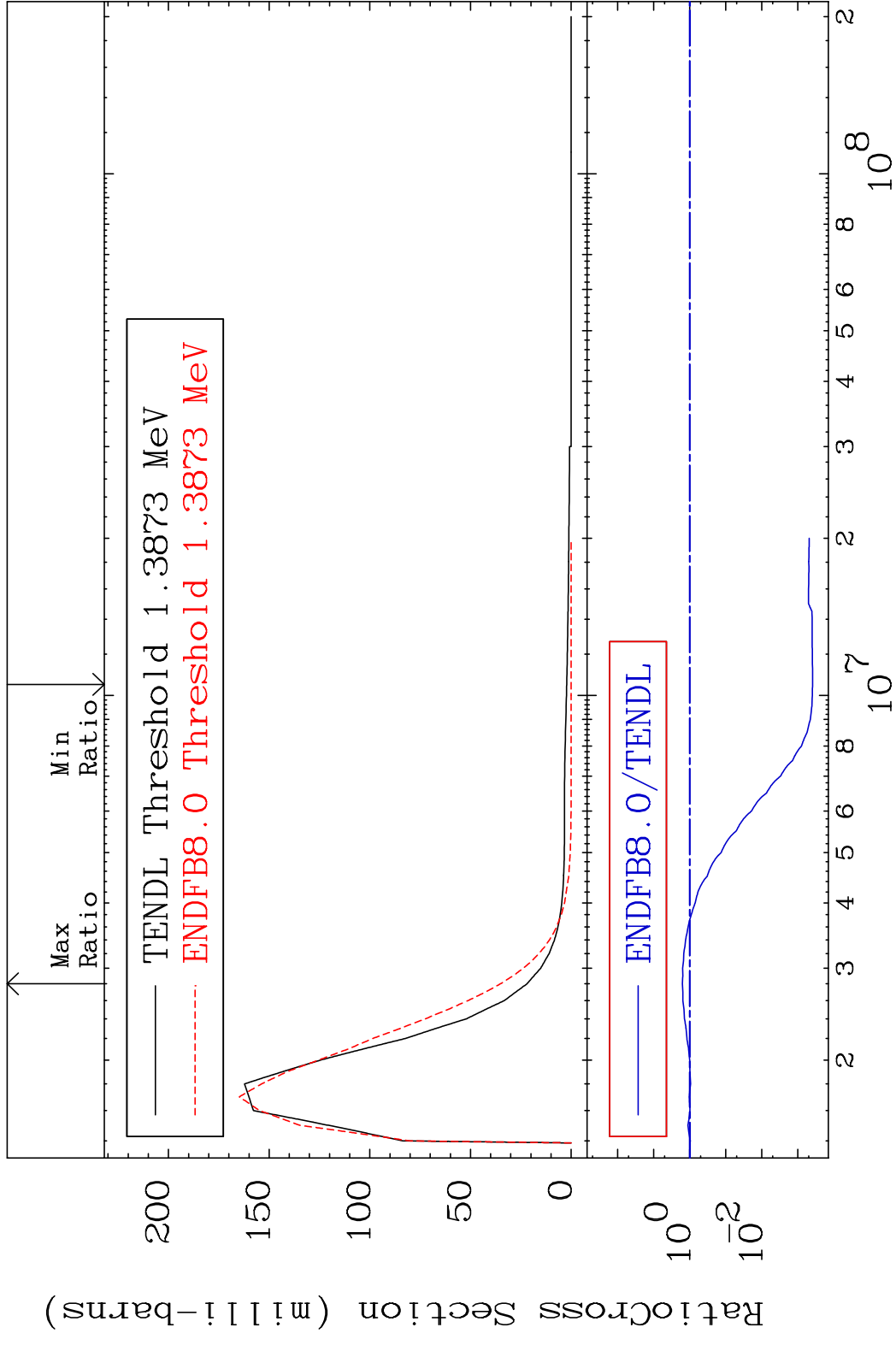
MAT 7231 MT= 61 (n,n') Level 72-Hf-176  
 Cross Section -99.96 To 60.17 %



MAT 7231 MT= 62 (n, n') Level 72-Hf-176  
 Cross Section -99.98 To 0.000 %

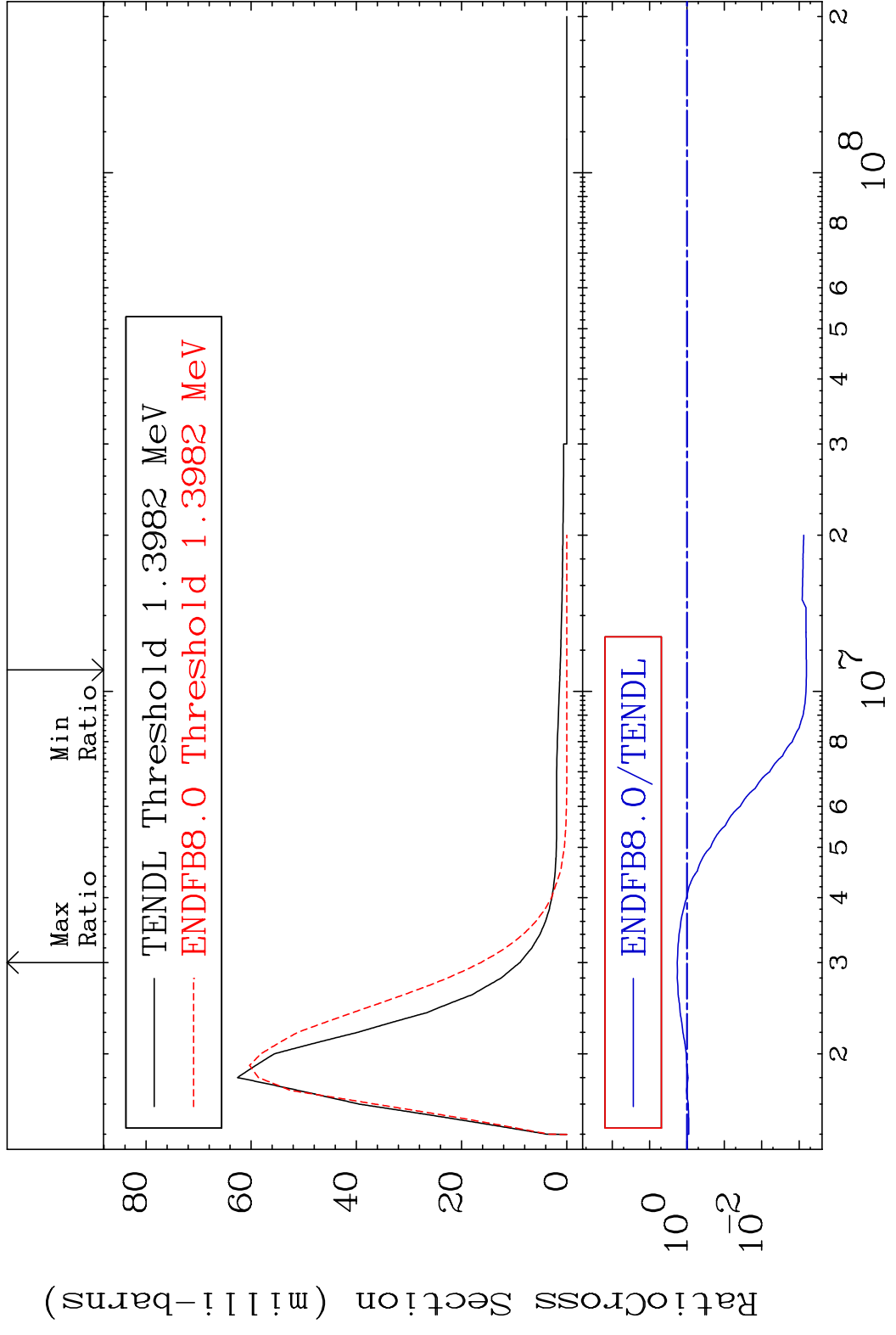


MAT 7231 MT= 63 (n, n') Level 72-Hf-176  
 Cross Section -99.96 To 60.05 %

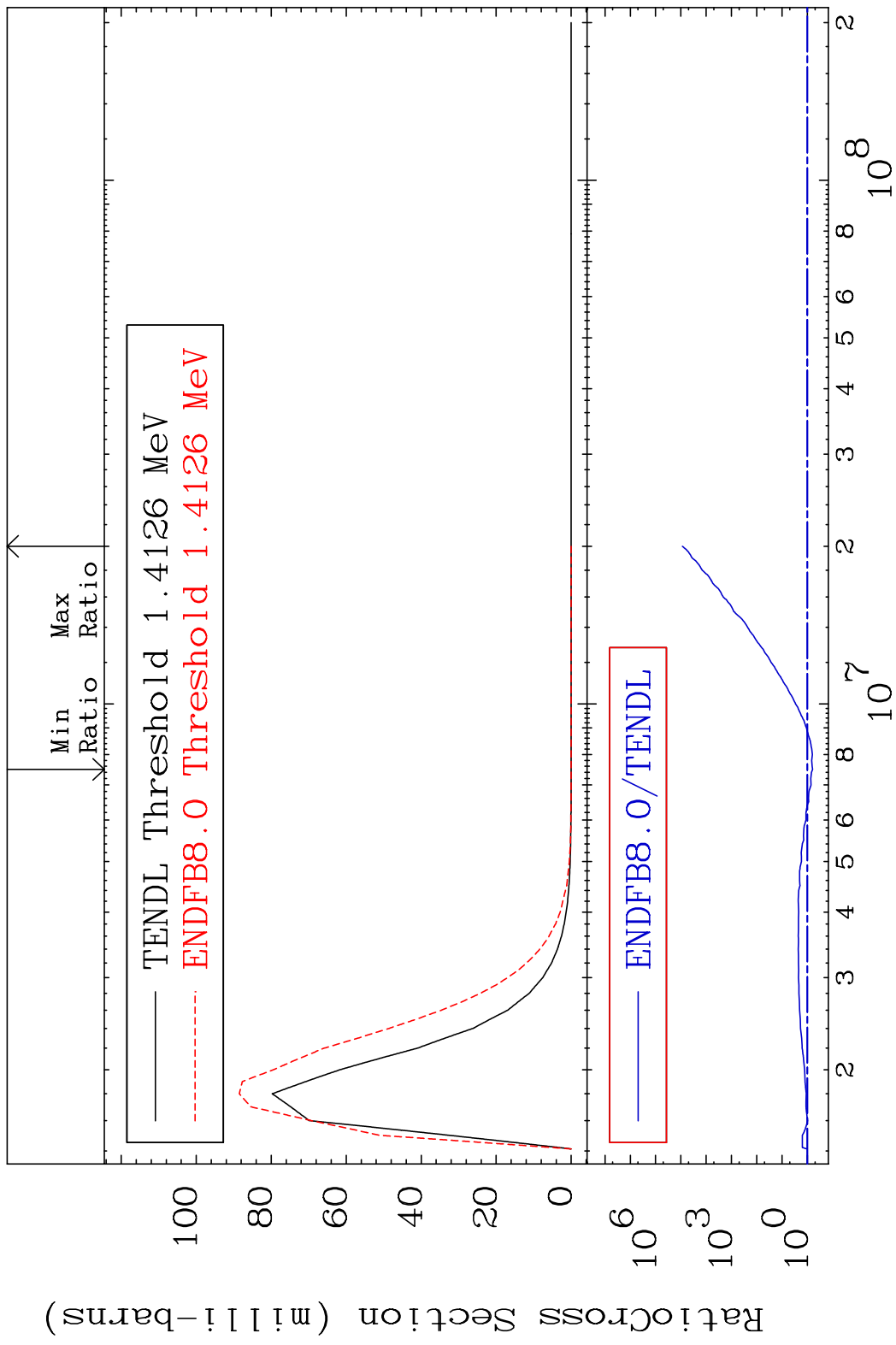


20 Incident Energy (eV) 72-Hf-176

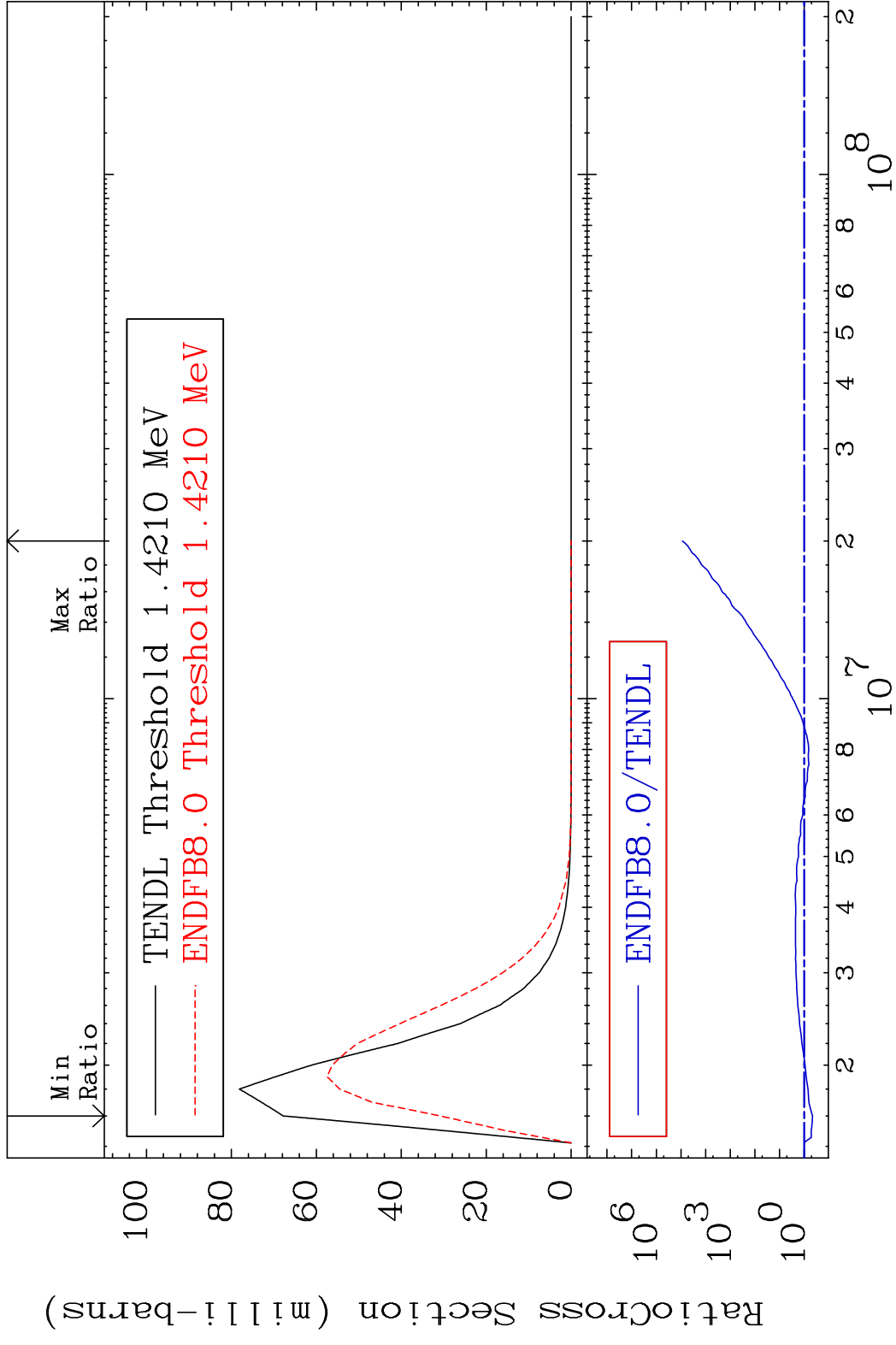
MAT 7231 MT= 64 (n, n') Level 72-Hf-176  
 Cross Section -99.94 To 83.03 %



MAT 7231 MT= 65 (n, n') Level 72-Hf-176  
 Cross Section -37.45 To 9999. %

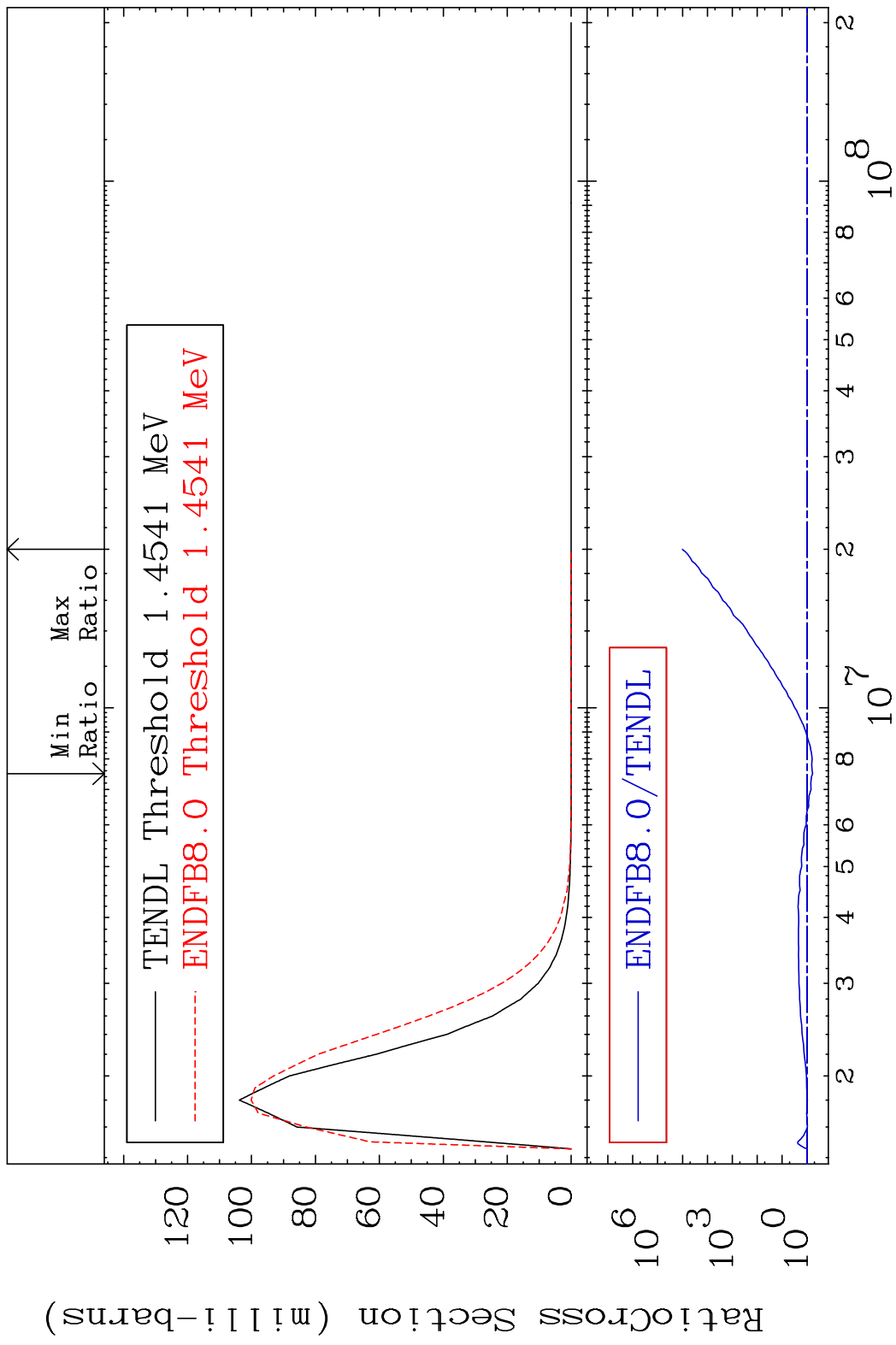


MAT 7231 MT= 66 (n, n') Level 72-Hf-176  
 Cross Section -54.38 To 9999. %

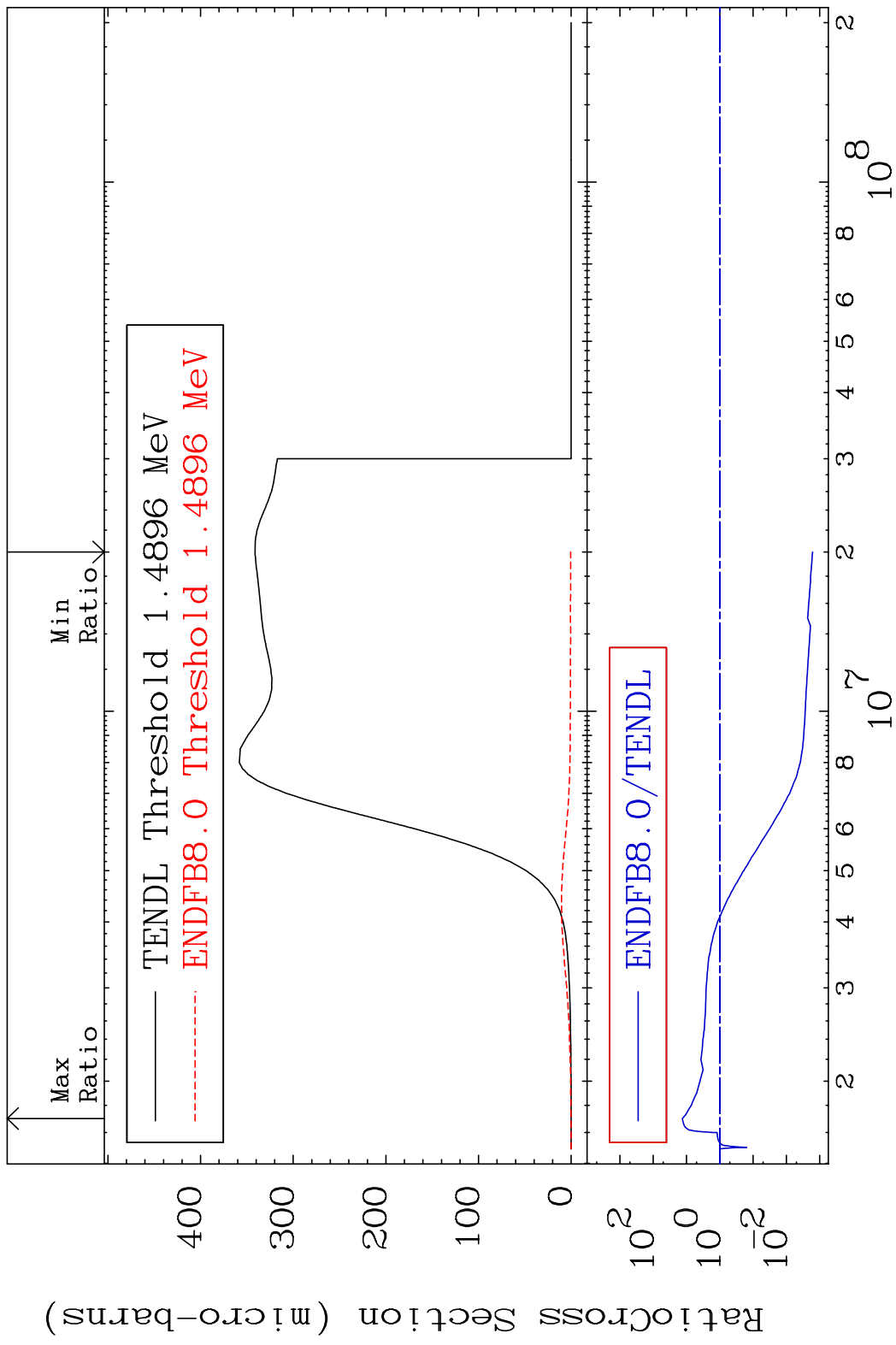




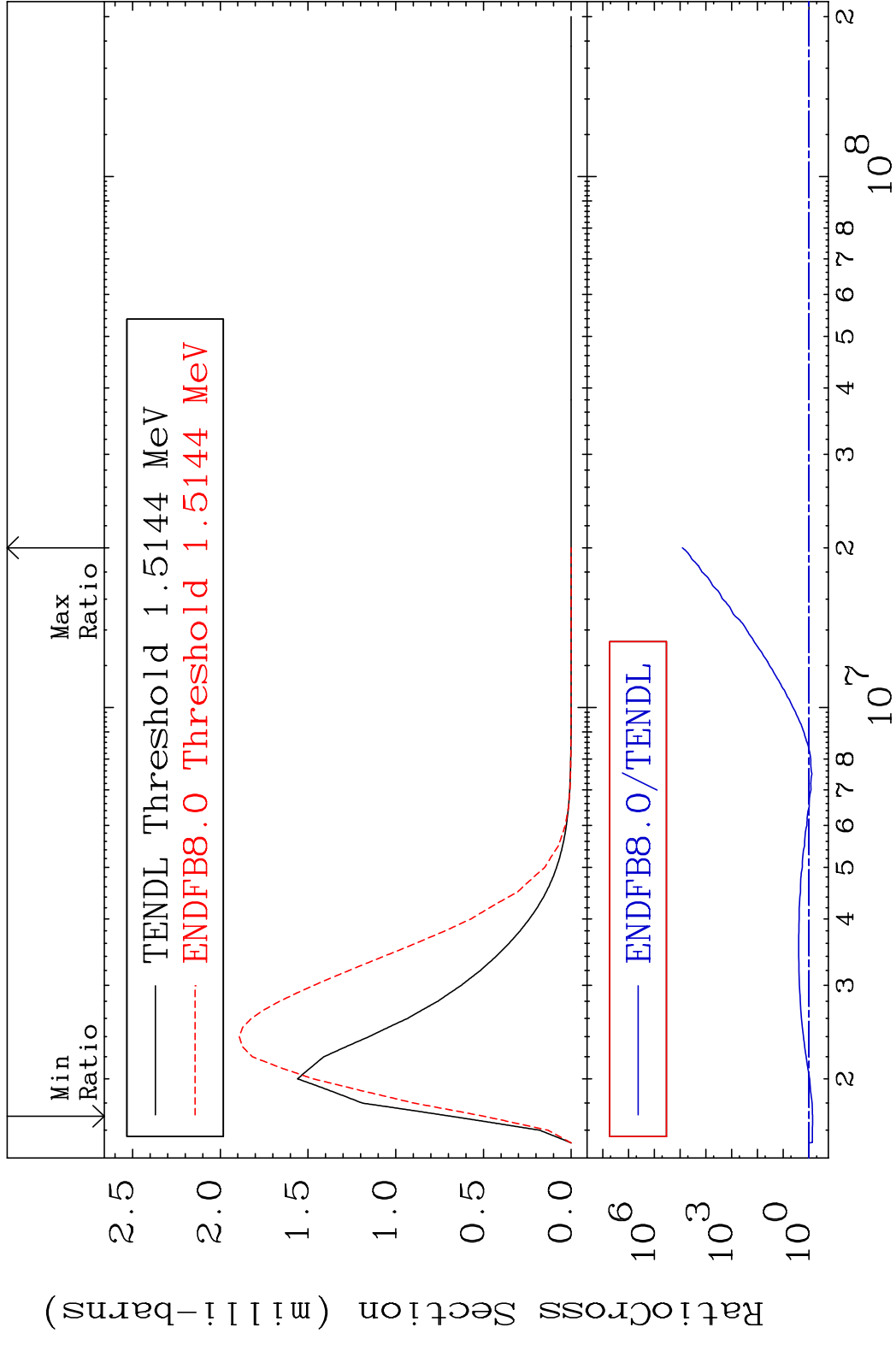
MAT 7231 MT= 67 (n, n') Level 72-Hf-176  
 Cross Section -39.97 To 9999. %



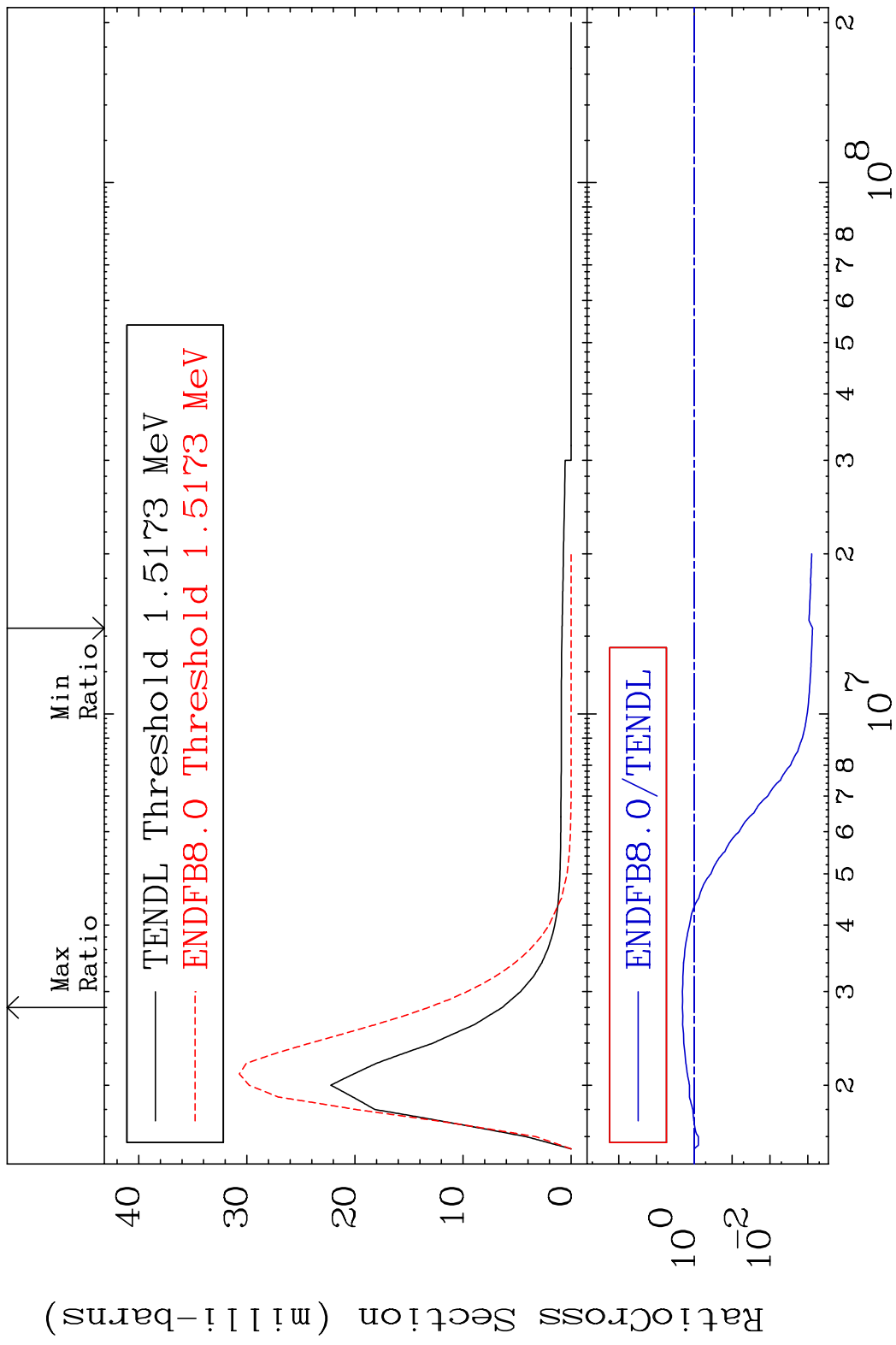
MAT 7231 MT= 68 (n, n') Level 72-Hf-176  
 Cross Section -99.84 To 1228. %



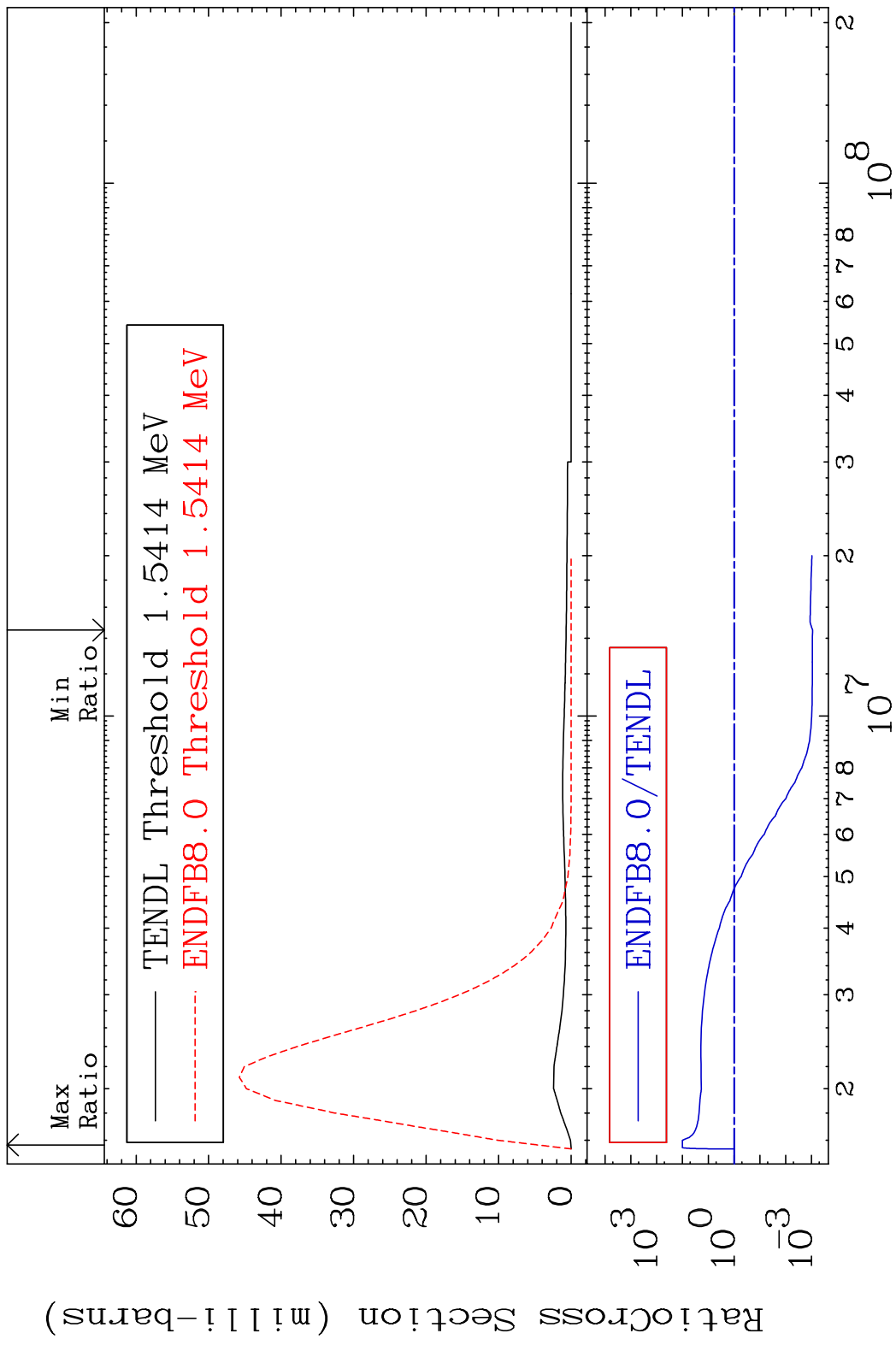
MAT 7231 MT= 69 (n, n') Level 72-Hf-176  
 Cross Section -27.32 To 9999. %



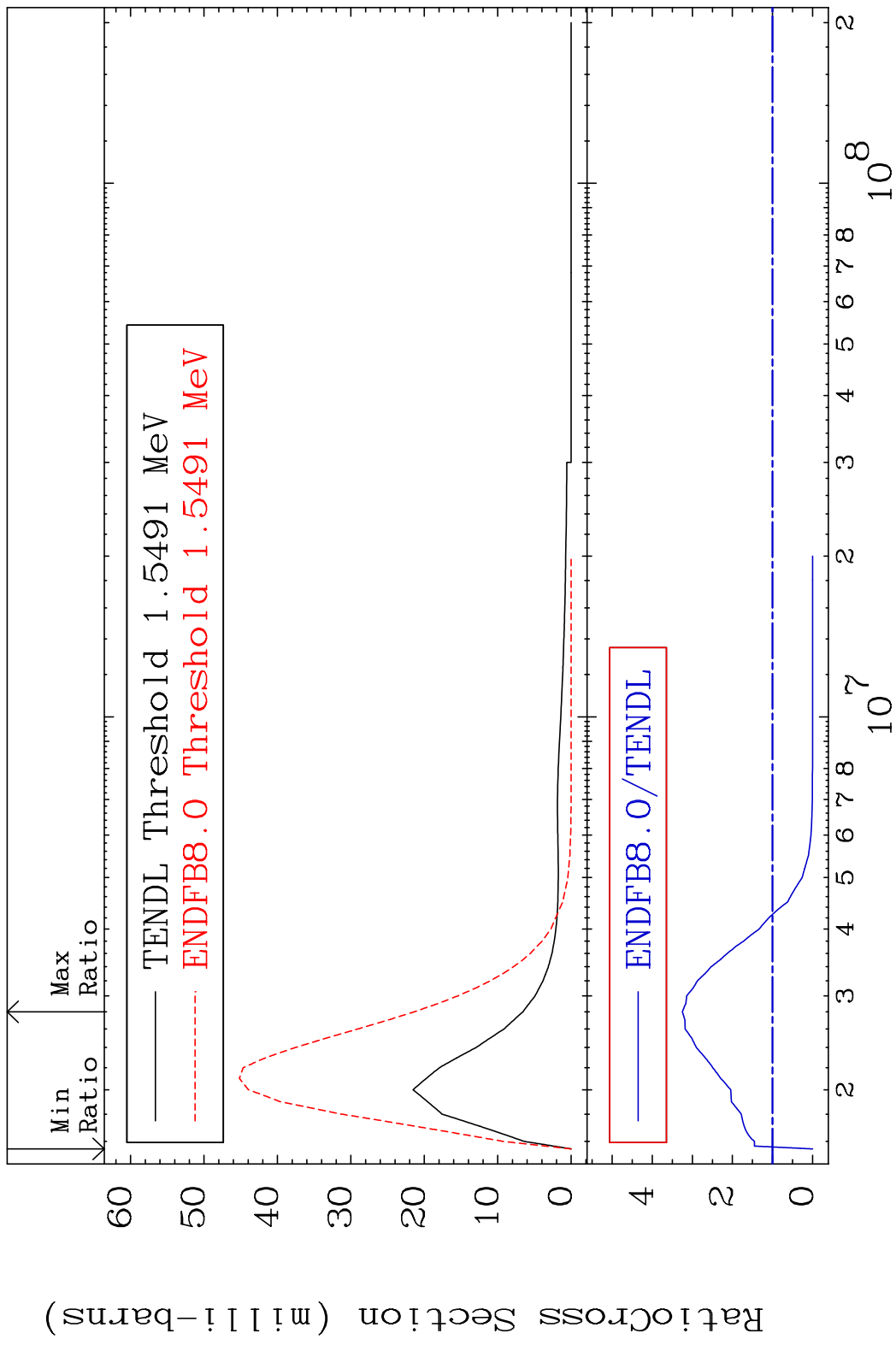
MAT 7231 MT= 70 (n,n') Level 72-Hf-176  
 Cross Section -99.93 To 107.1 %



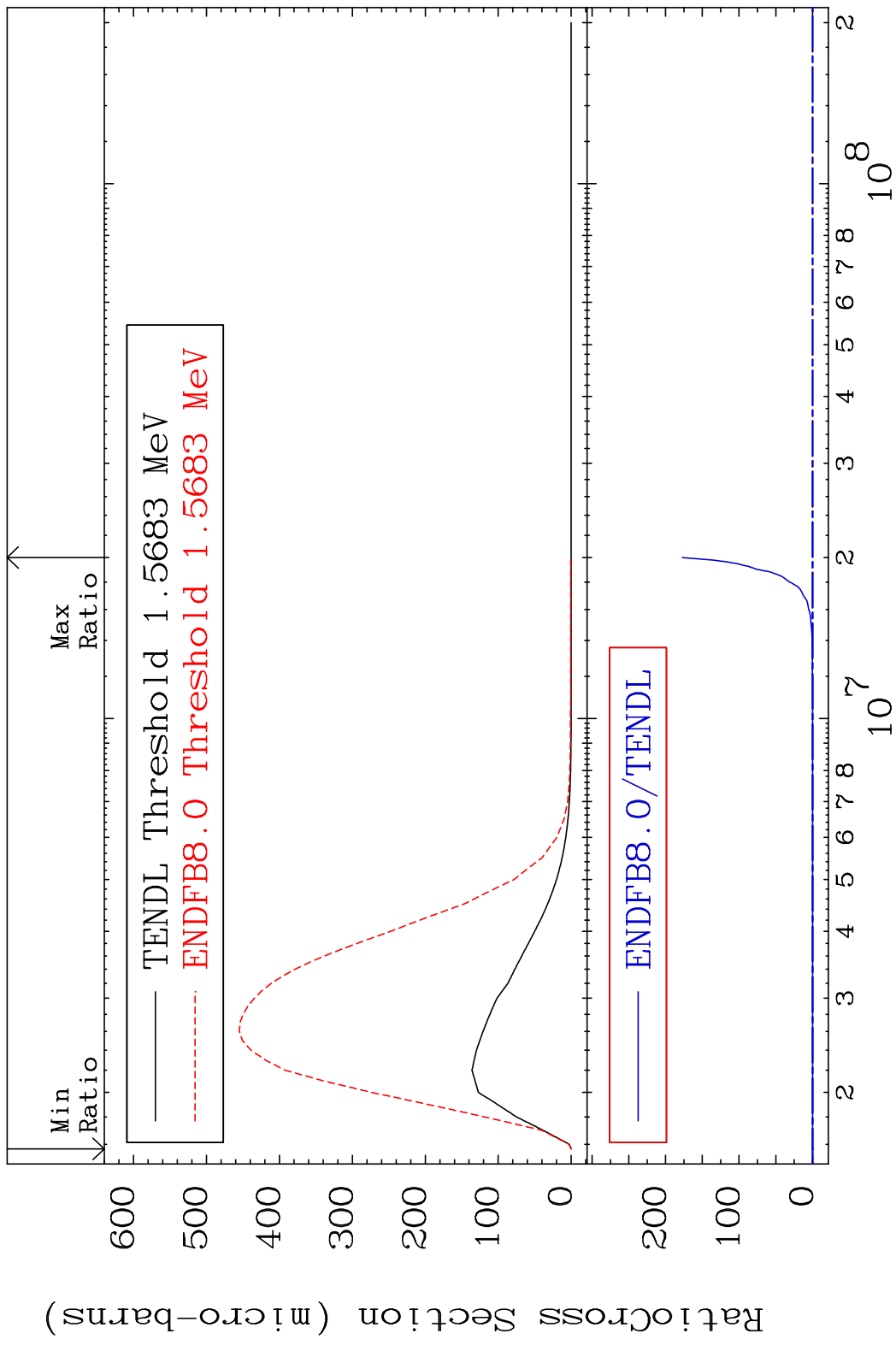
MAT 7231 MT= 71 (n,n') Level 72-Hf-176  
 Cross Section -99.91 To 9999. %



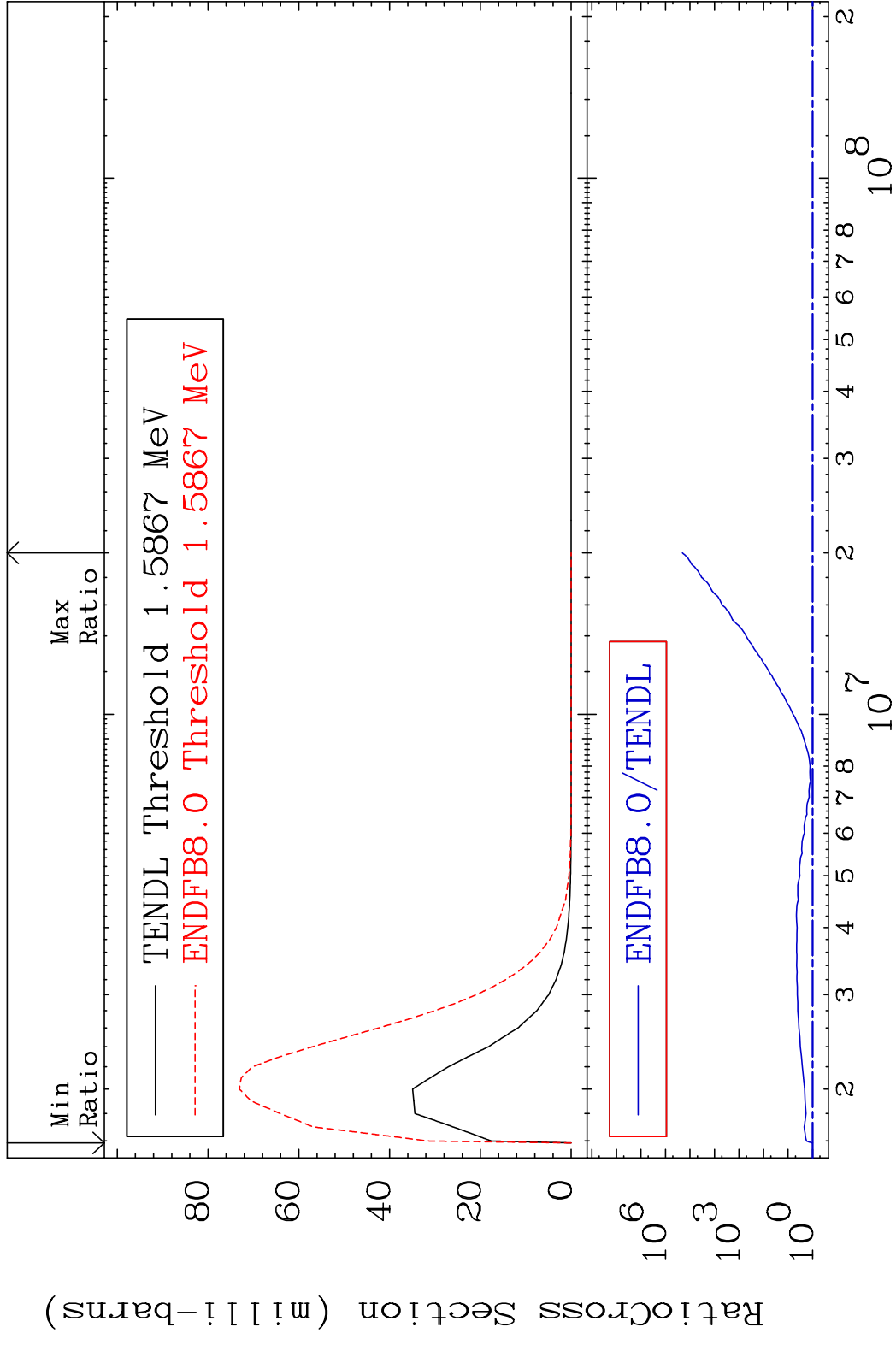
MAT 7231 MT= 72 (n, n') Level 72-Hf-176  
 Cross Section -100.0 To 224.9 %



MAT 7231 MT= 73 (n, n') Level 72-Hf-176  
 Cross Section -100.0 To 9999. %

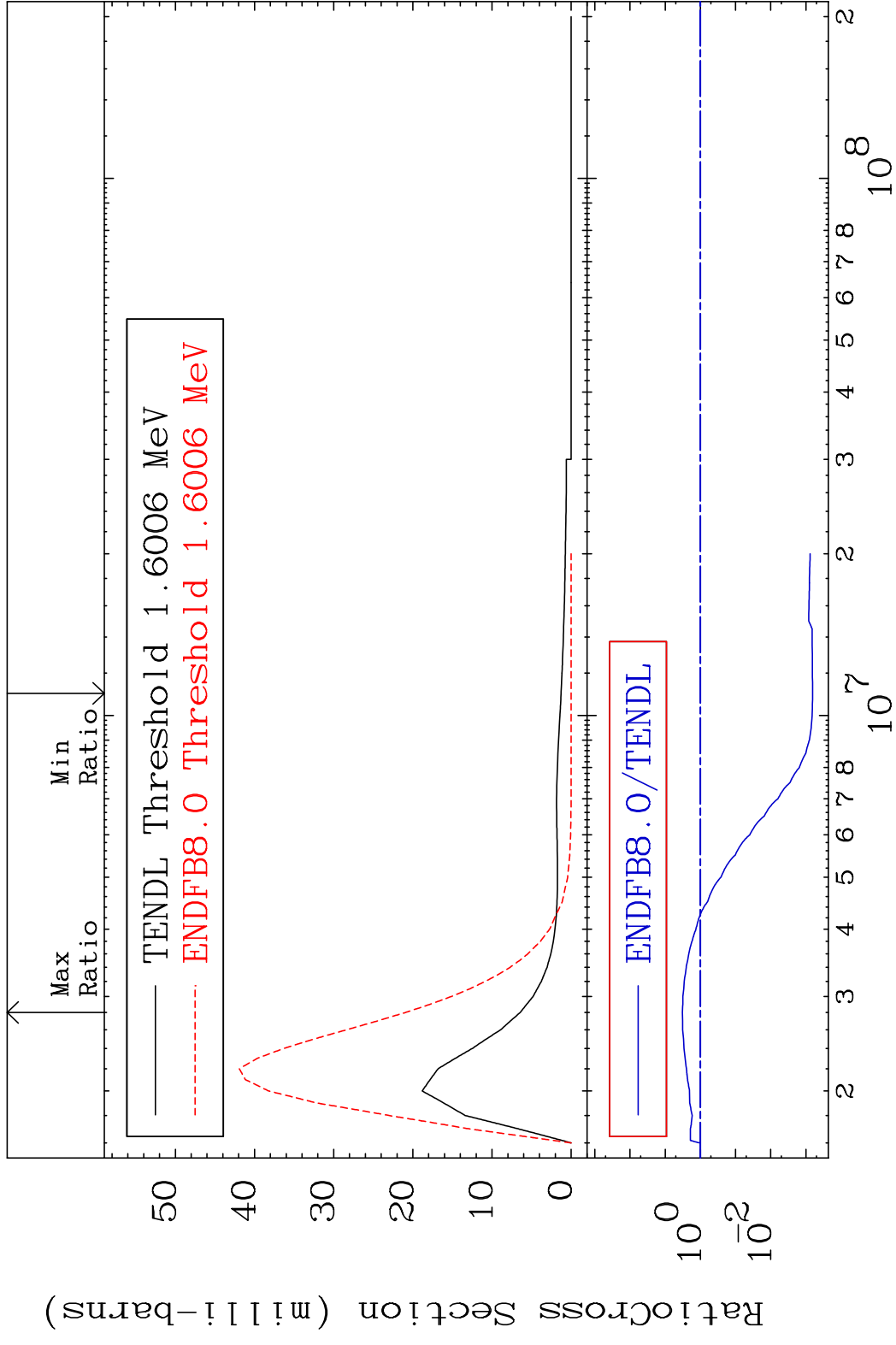


MAT 7231 MT= 74 (n, n') Level 72-Hf-176  
 Cross Section 0.000 To 9999. %

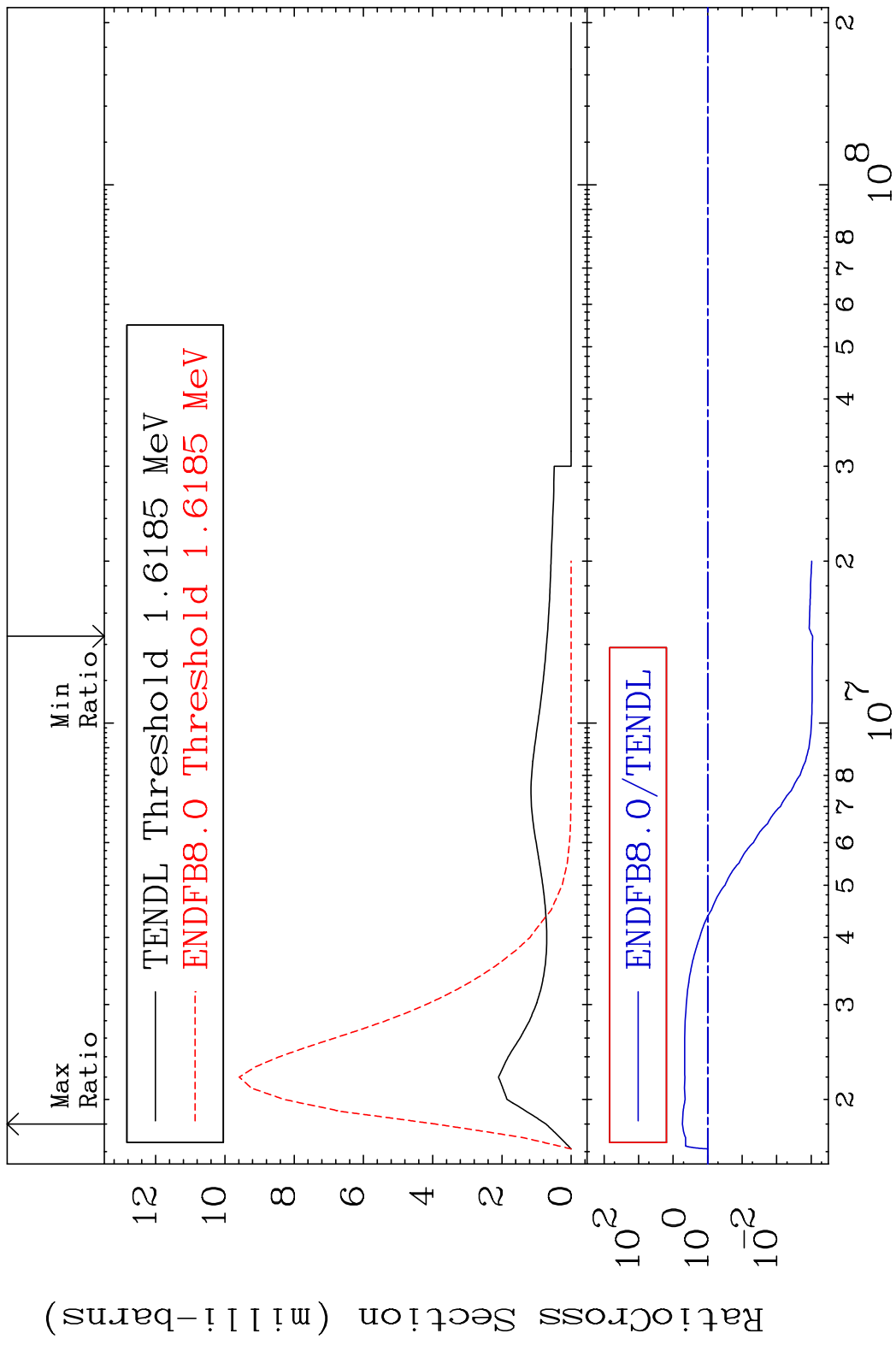




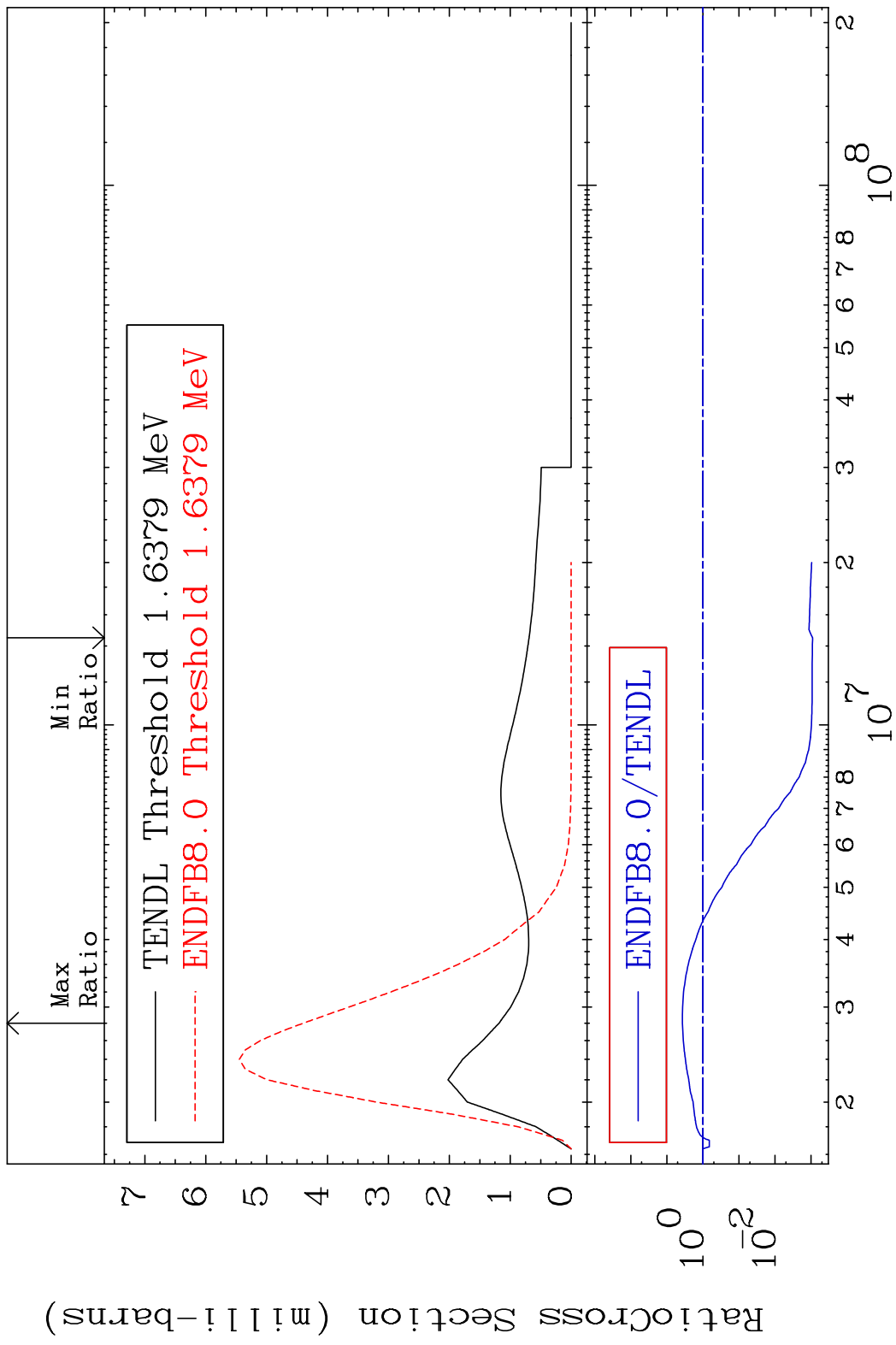
MAT 7231 MT= 75 (n,n') Level 72-Hf-176  
 Cross Section -99.94 To 225.2 %



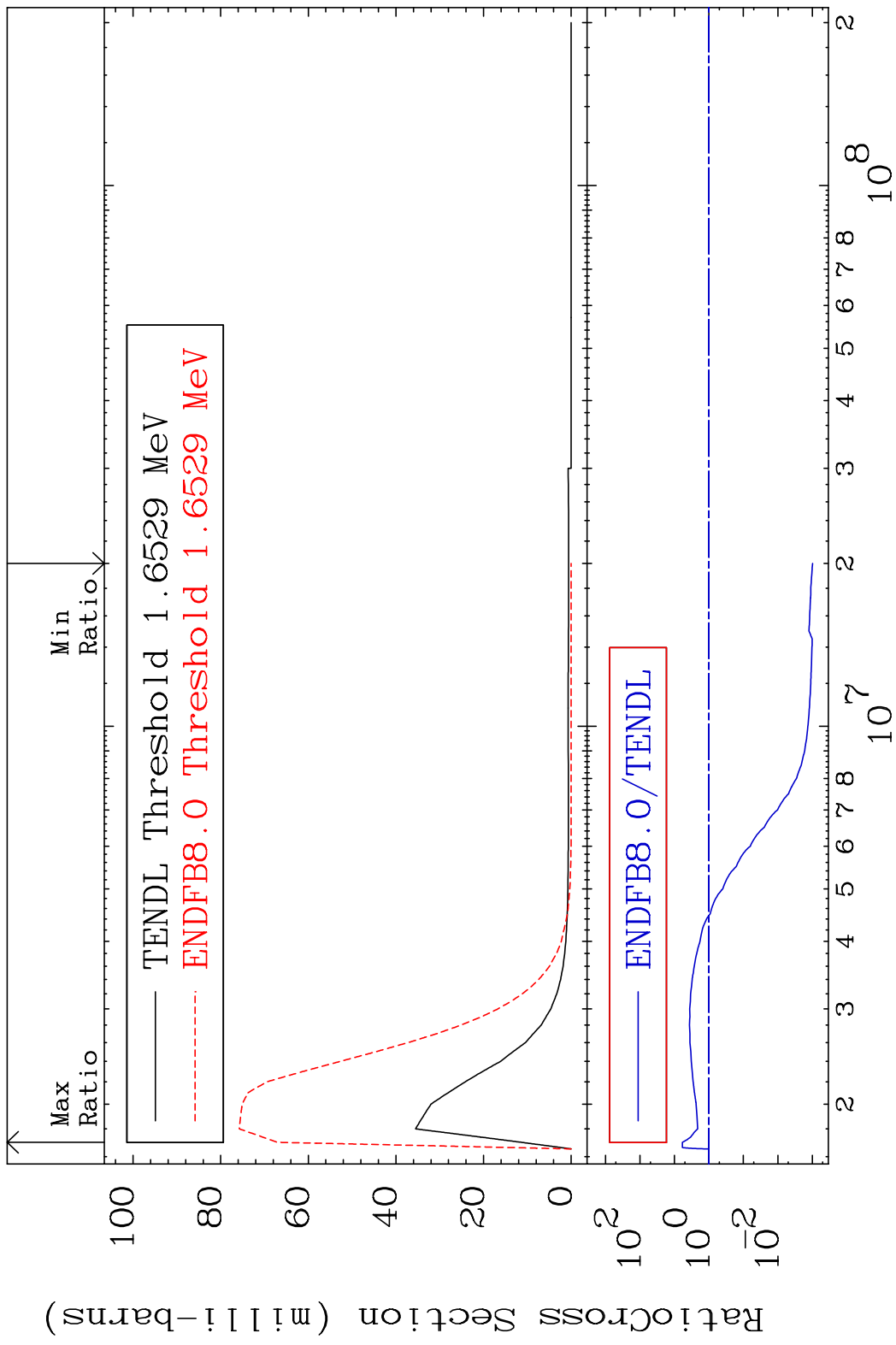
MAT 7231 MT= 76 (n,n') Level 72-Hf-176  
 Cross Section -99.91 To 439.2 %



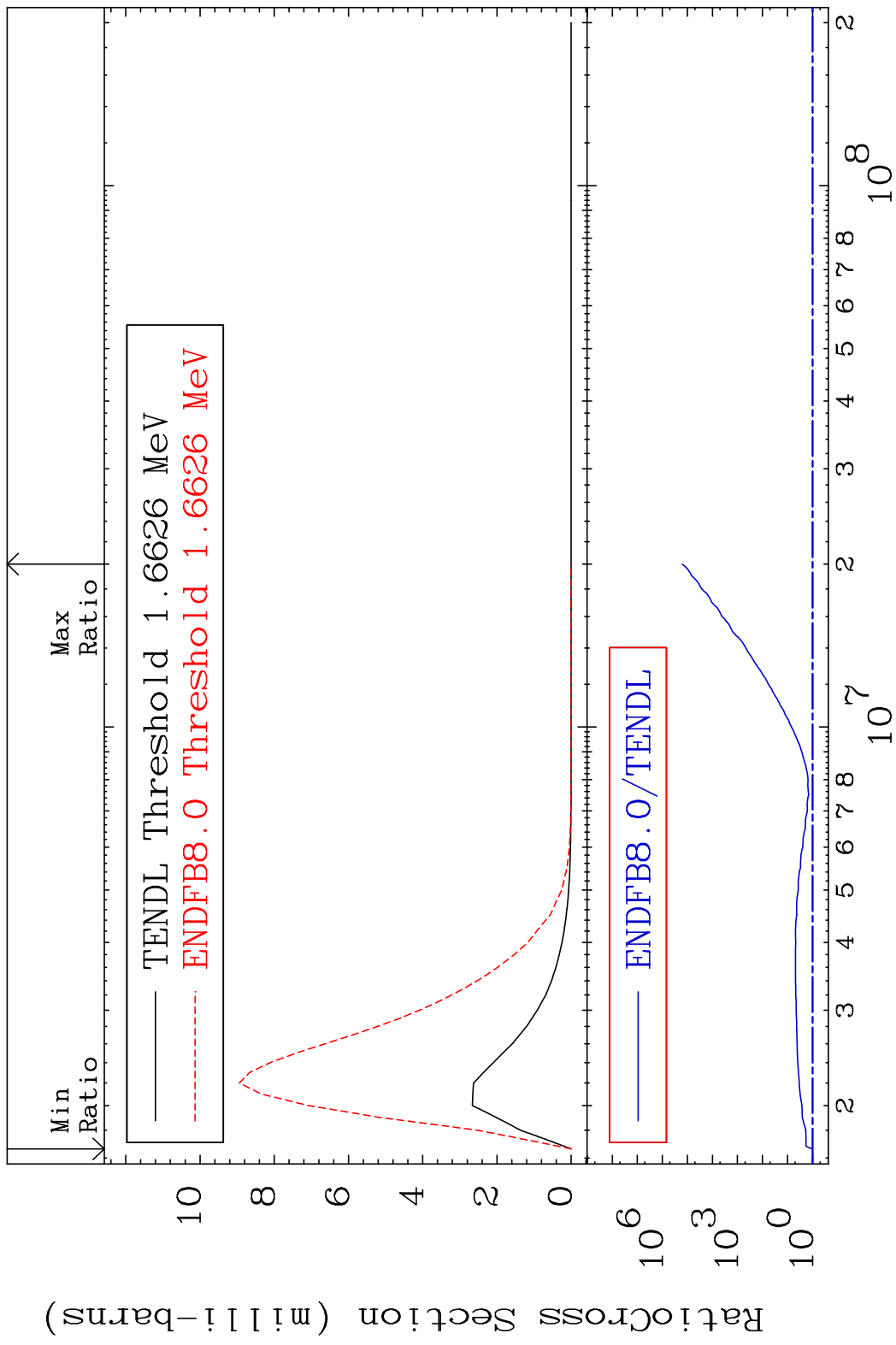
MAT 7231 MT= 77 (n, n') Level 72-Hf-176  
 Cross Section -99.91 To 271.5 %



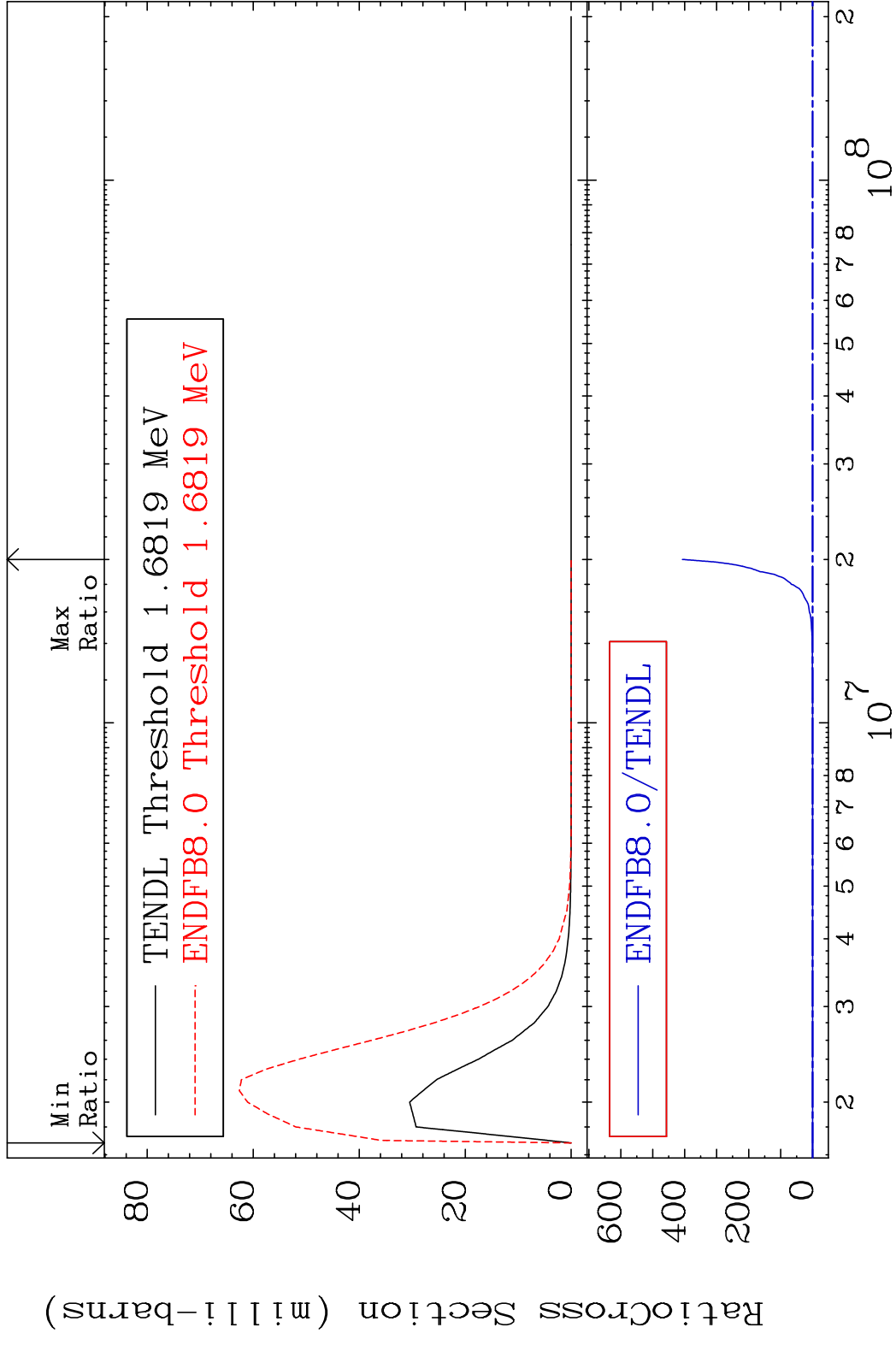
MAT 7231 MT= 78 (n,n') Level 72-Hf-176  
 Cross Section -99.90 To 489.3 %



MAT 7231 MT= 79 (n, n') Level 72-Hf-176  
 Cross Section 0.000 To 9999. %



MAT 7231 MT= 80 (n, n') Level 72-Hf-176  
 Cross Section -100.0 To 9999. %

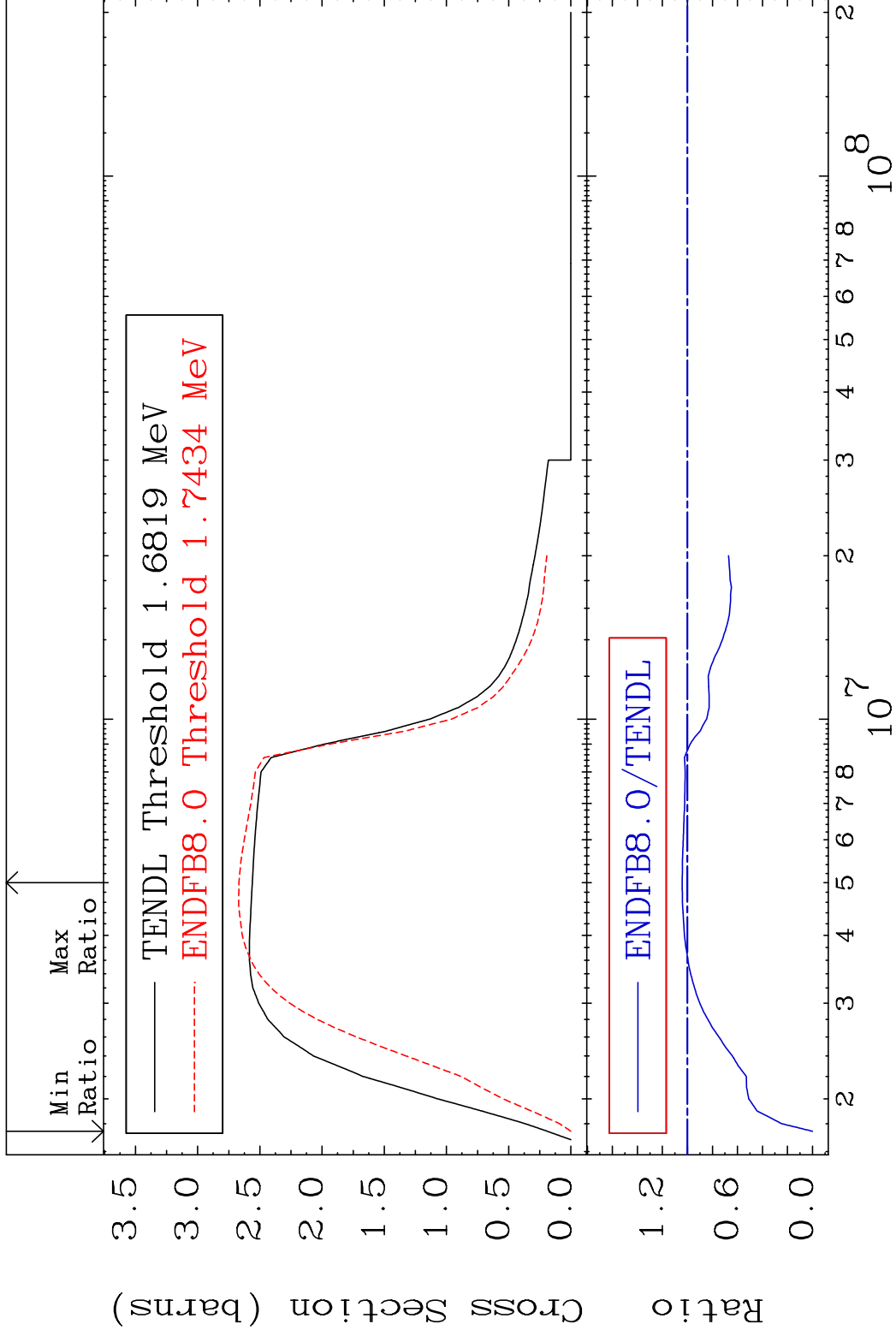


MAT 7231

(n,n') Continuum

72-Hf-176

Cross Section -100.0 To 4.215 %



38

Incident Energy (eV)

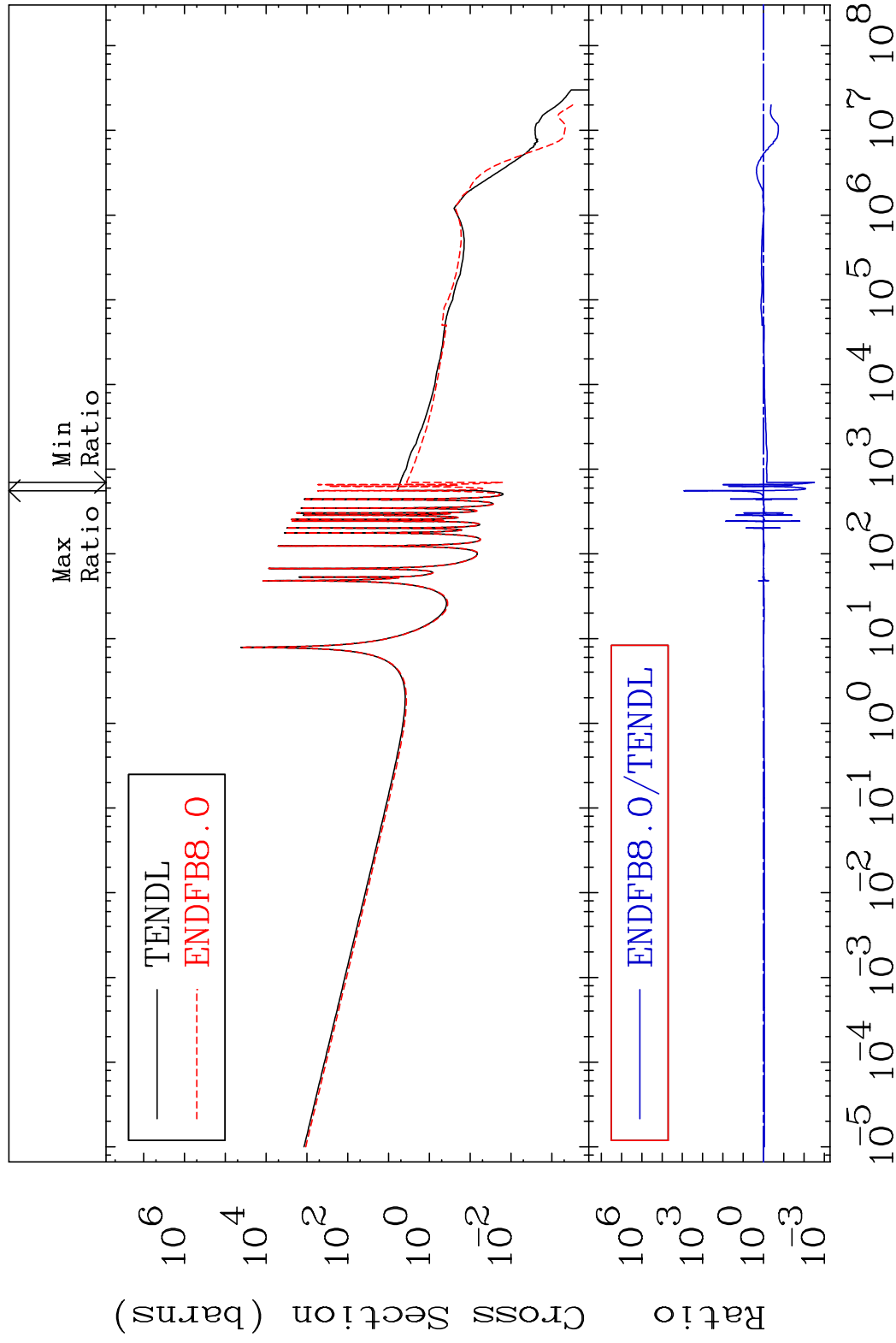
72-Hf-176

MAT 7231

(n,  $\gamma$ )

72-Hf-176

Cross Section -99.69 To 9999. %



39

Incident Energy (eV)

72-Hf-176

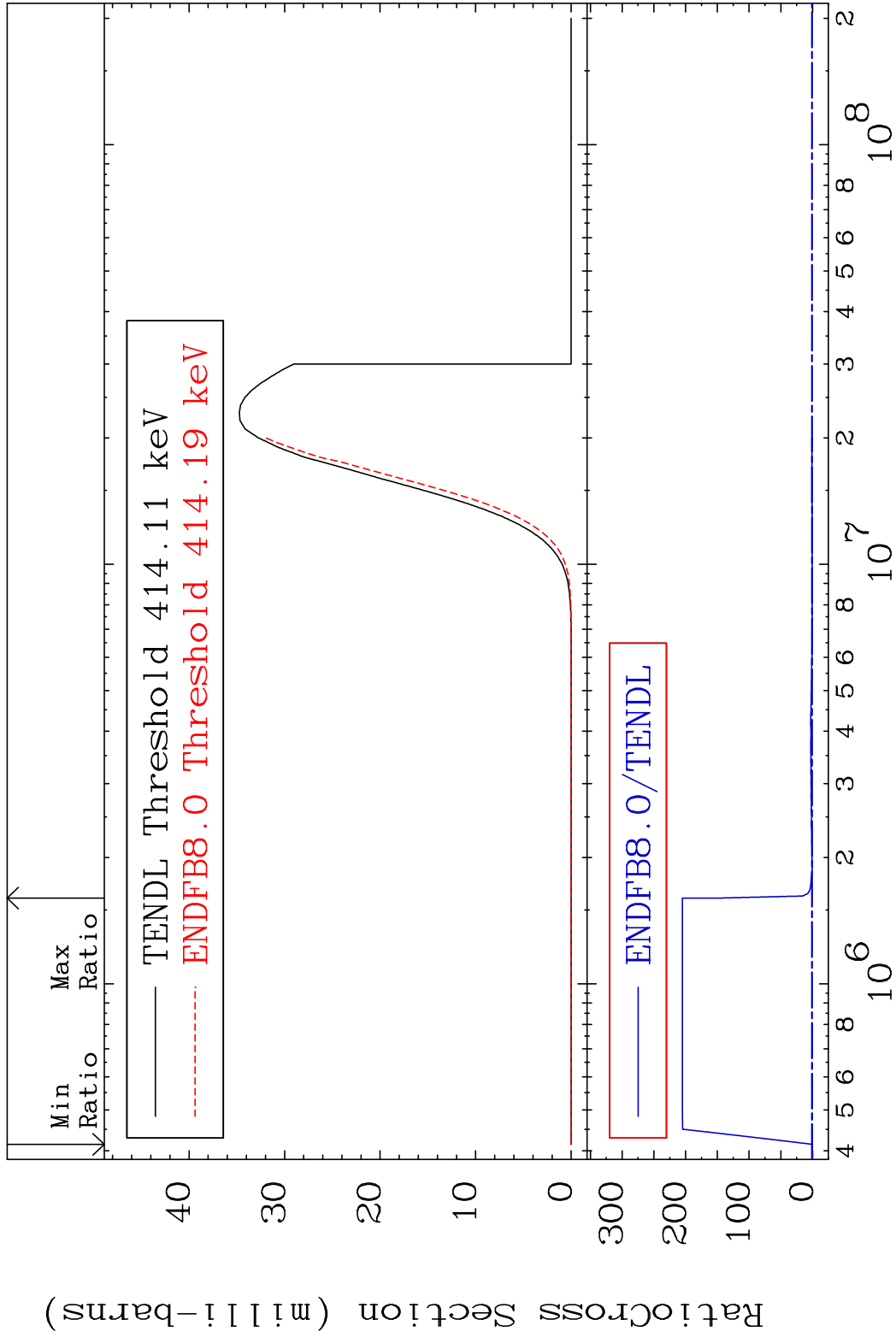


MAT 7231

(n,p)

72-Hf-176

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

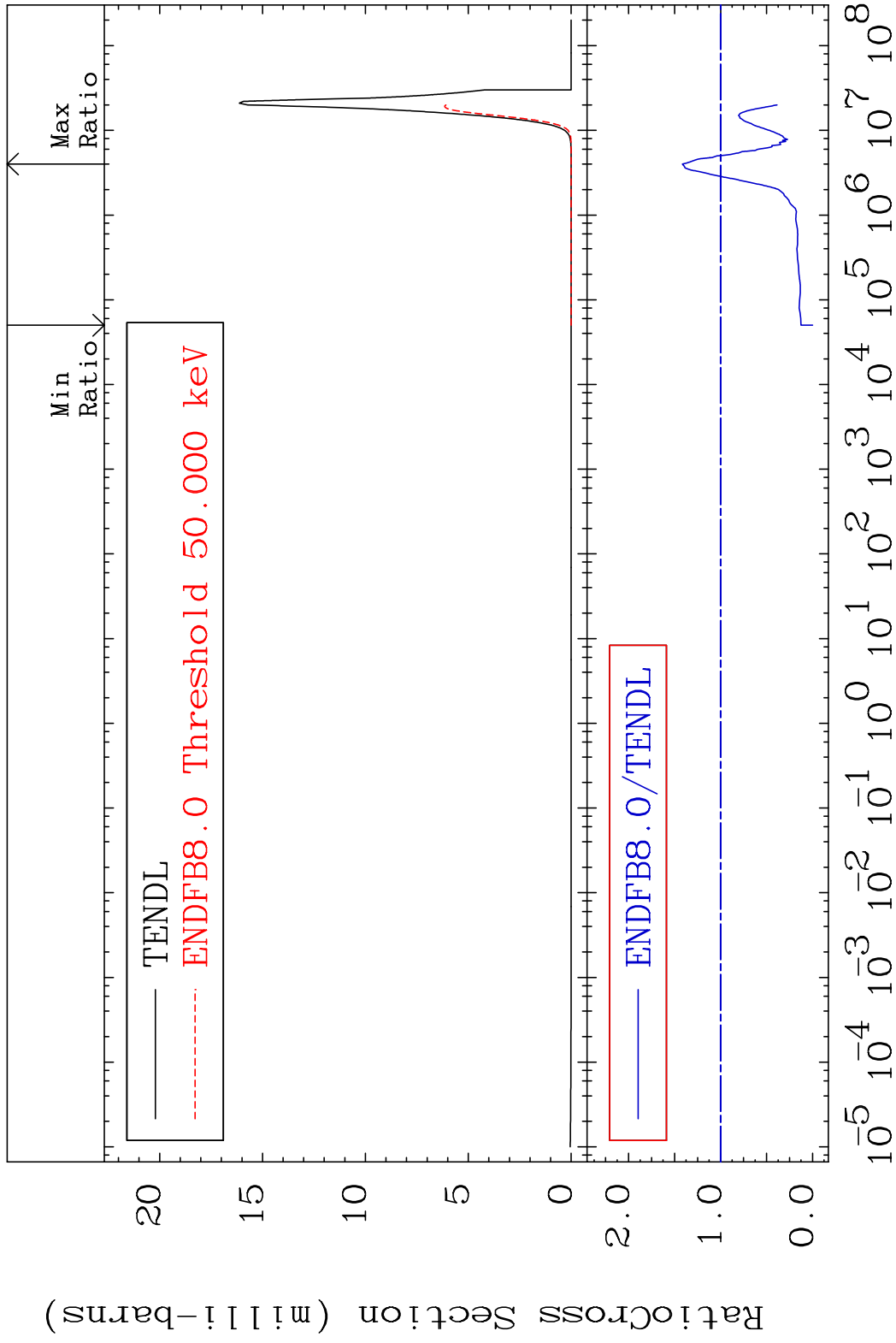
72-Hf-176

MAT 7231

(n,  $\alpha$ )

72-Hf-176

Cross Section -100.0 To 41.58 %



41

Incident Energy (eV)

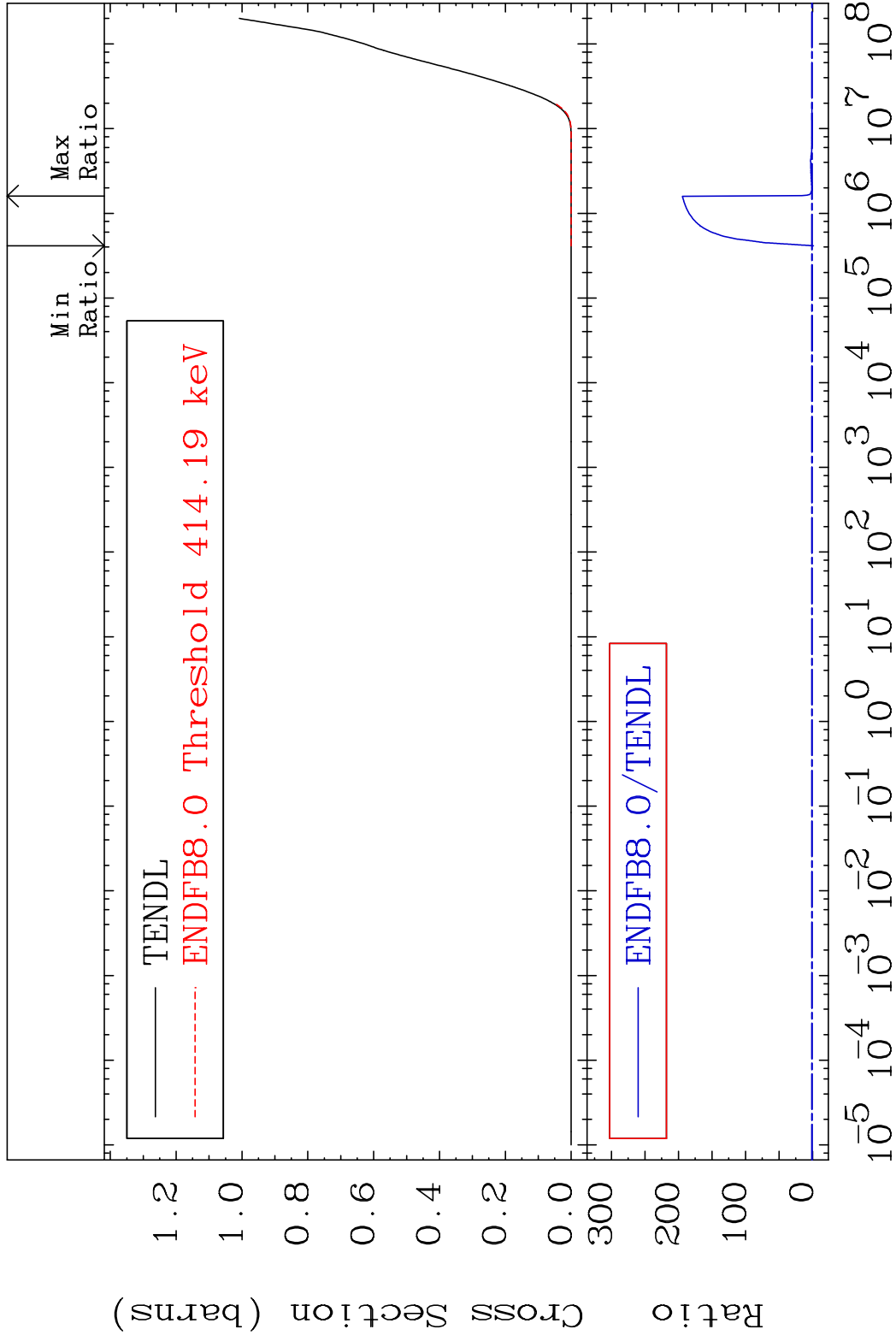
72-Hf-176

MAT 7231

Hydrogen Production

72-Hf-176

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

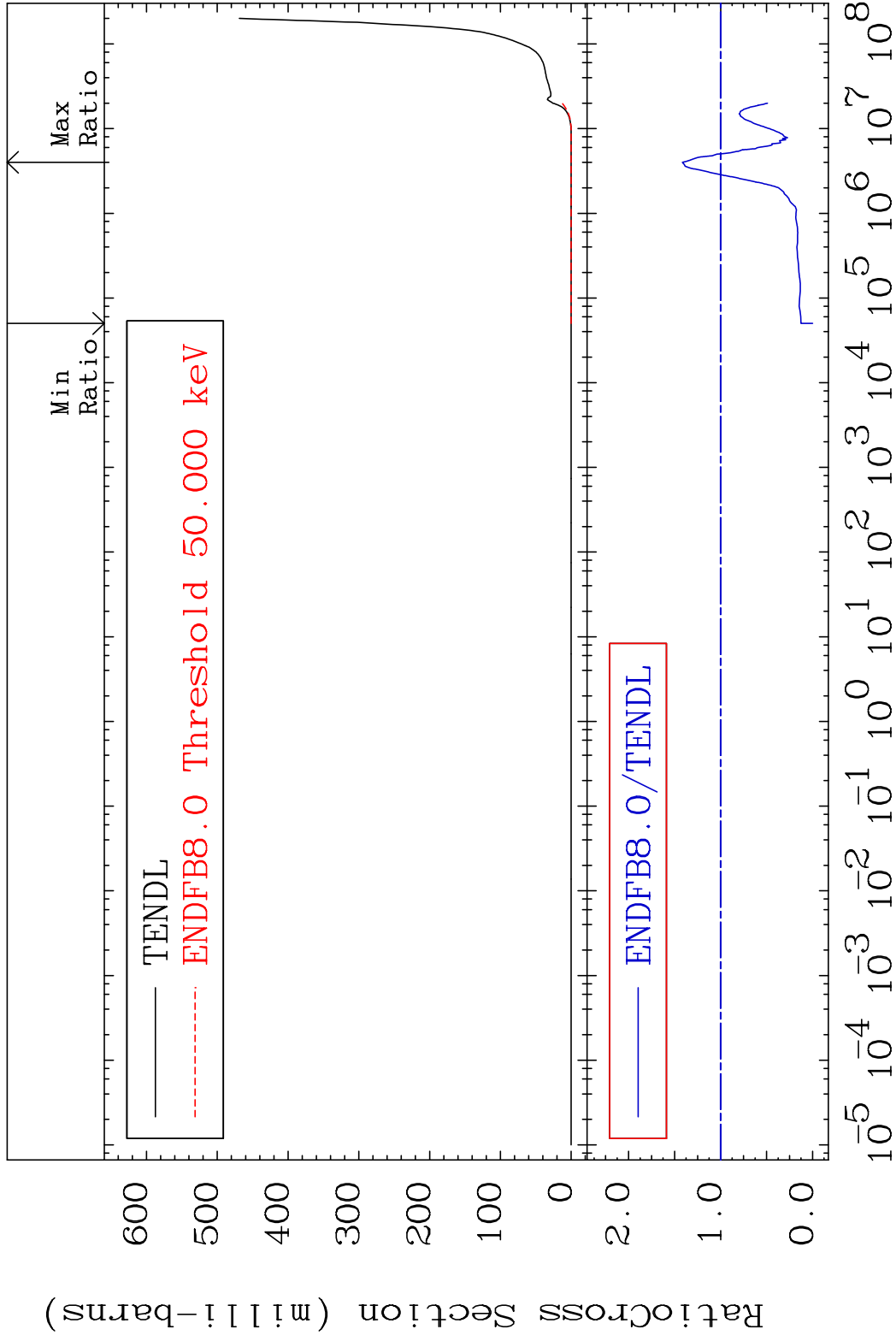
72-Hf-176

MAT 7231

He-4 Production

72-Hf-176

Cross Section -100.0 To 41.58 %

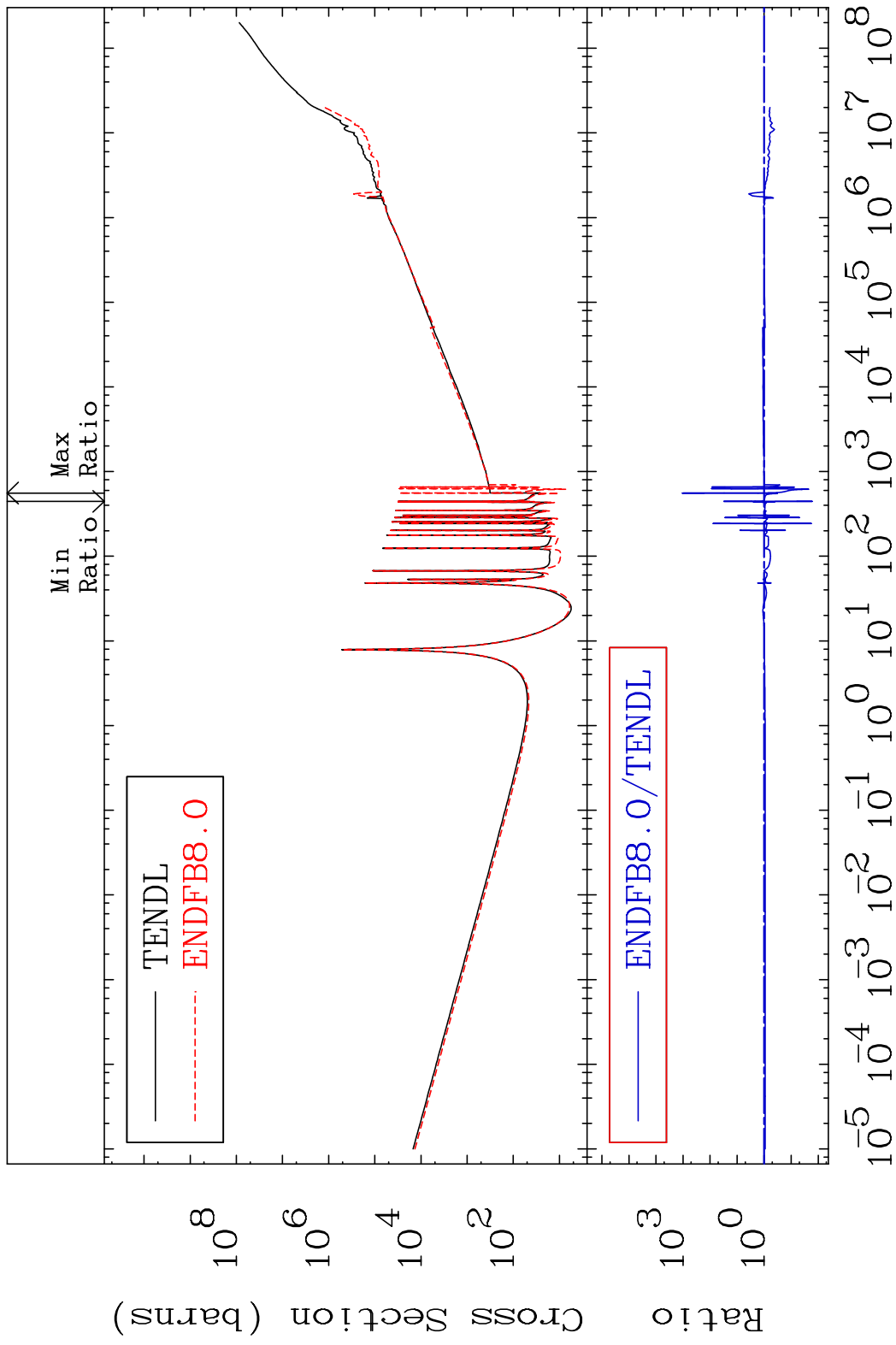


43

Incident Energy (eV)

72-Hf-176

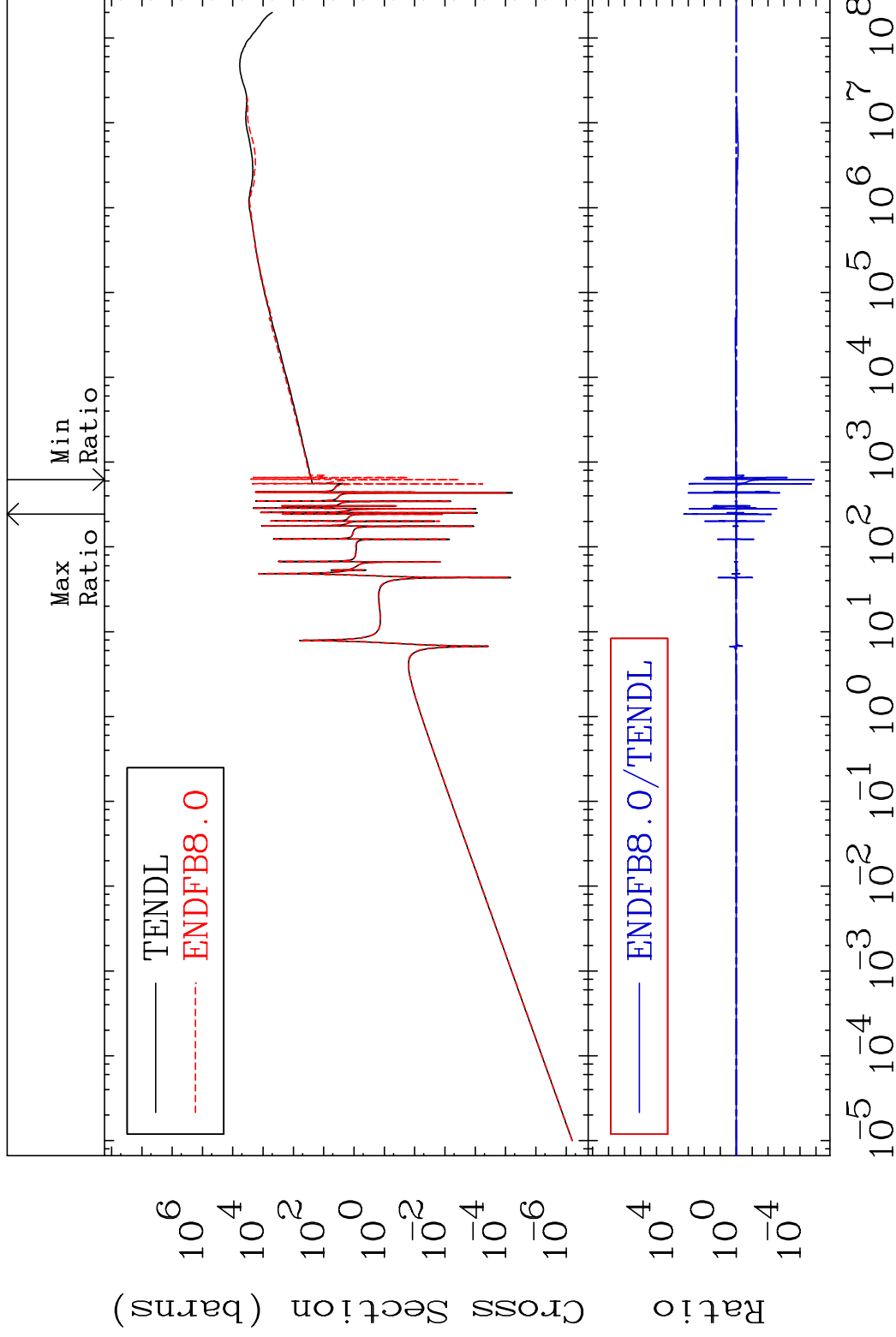
MAT 7231 Kerma total (eV-barns) 72-Hf-176  
 Cross Section -98.38 To 9999. %



MAT 7231

Kerma elastic  
Cross Section -100.0 To 9999. %

72-Hf-176

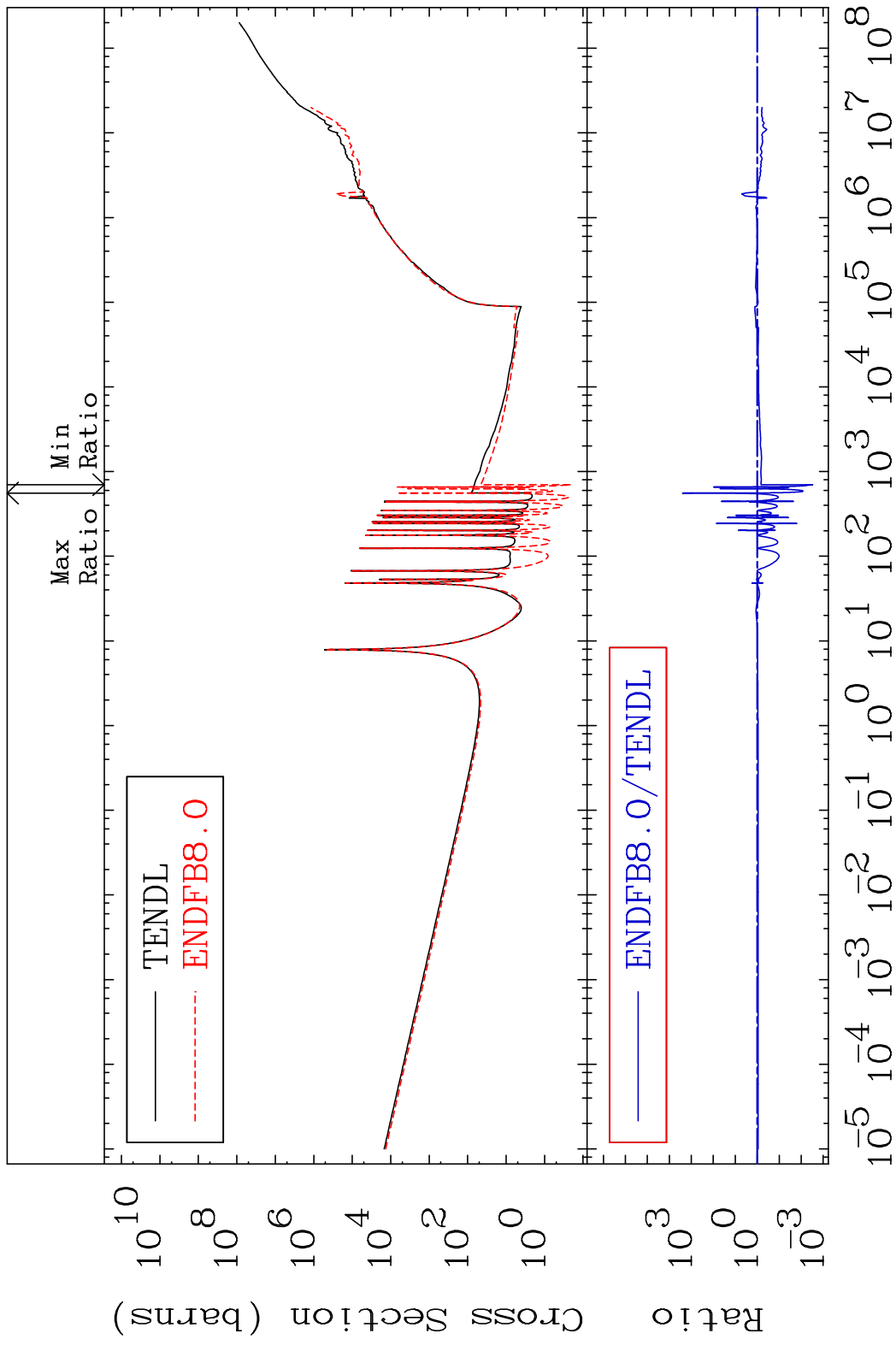


45

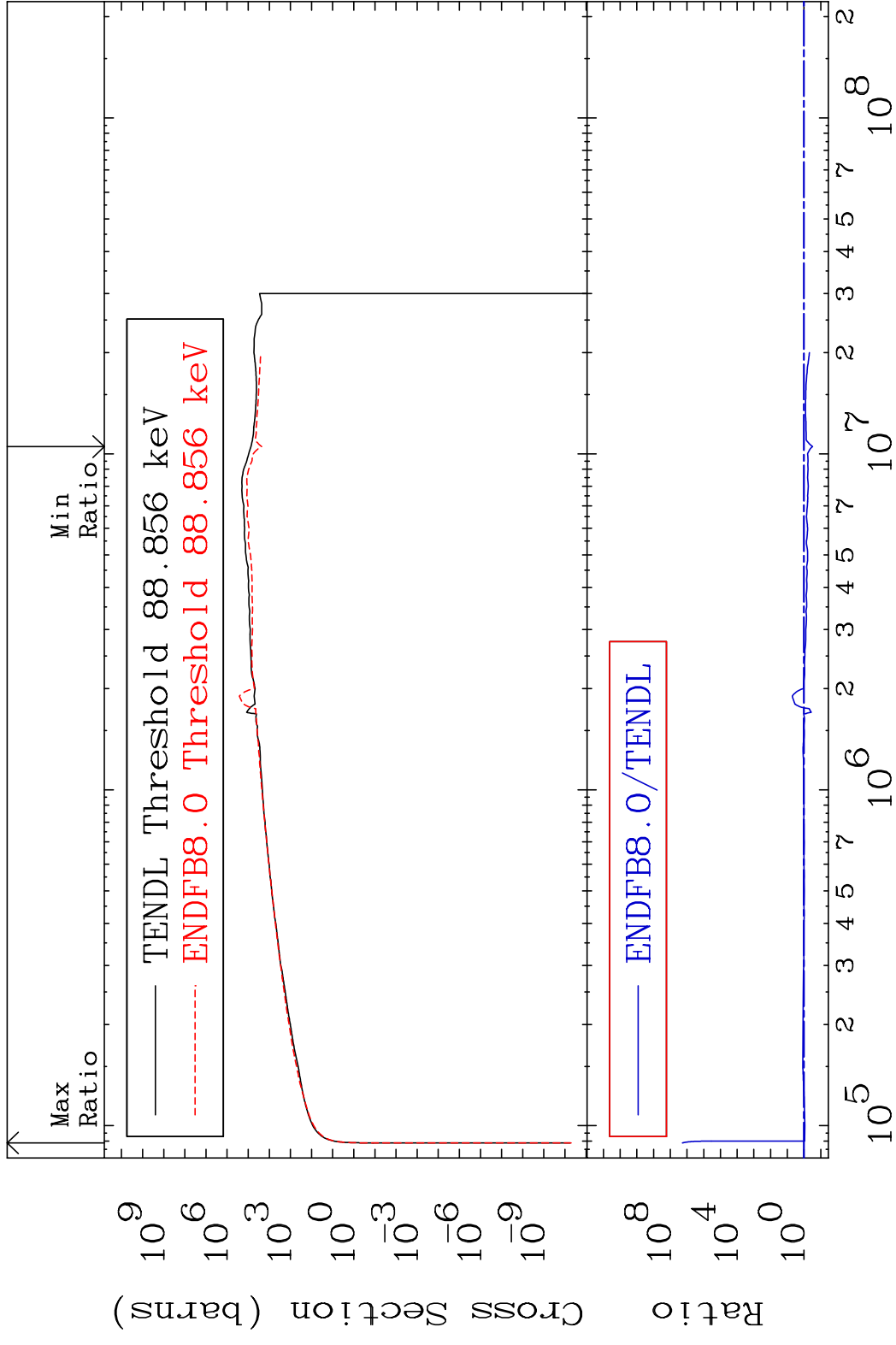
Incident Energy (eV)

72-Hf-176

MAT 7231 Kerma non-elastic (all but mt2) 72-Hf-176  
 Cross Section -99.70 To 9999. %



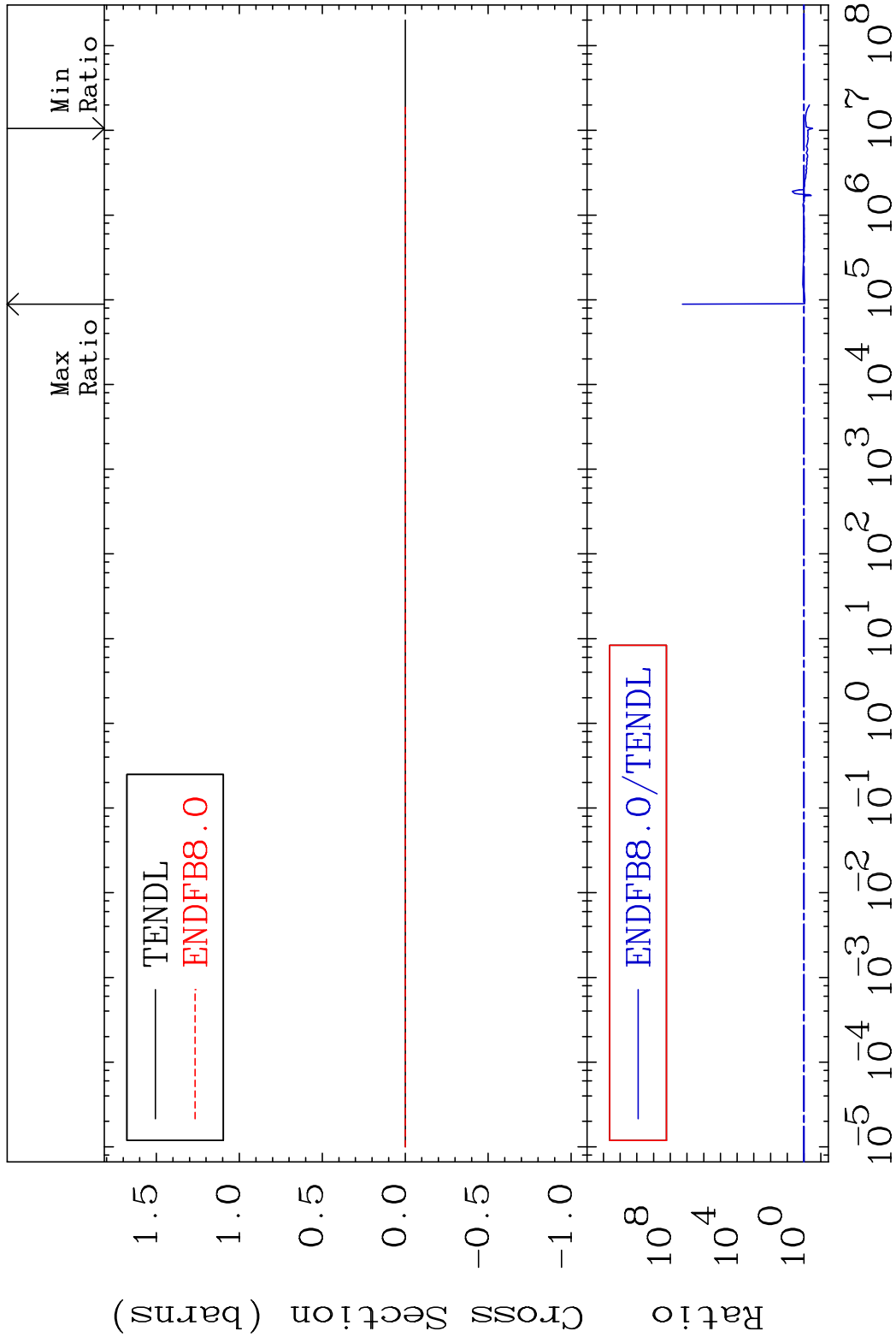
MAT 7231 Kerma inelastic (mt51-91) 72-Hf-176  
 Cross Section -69.14 To 9999. %



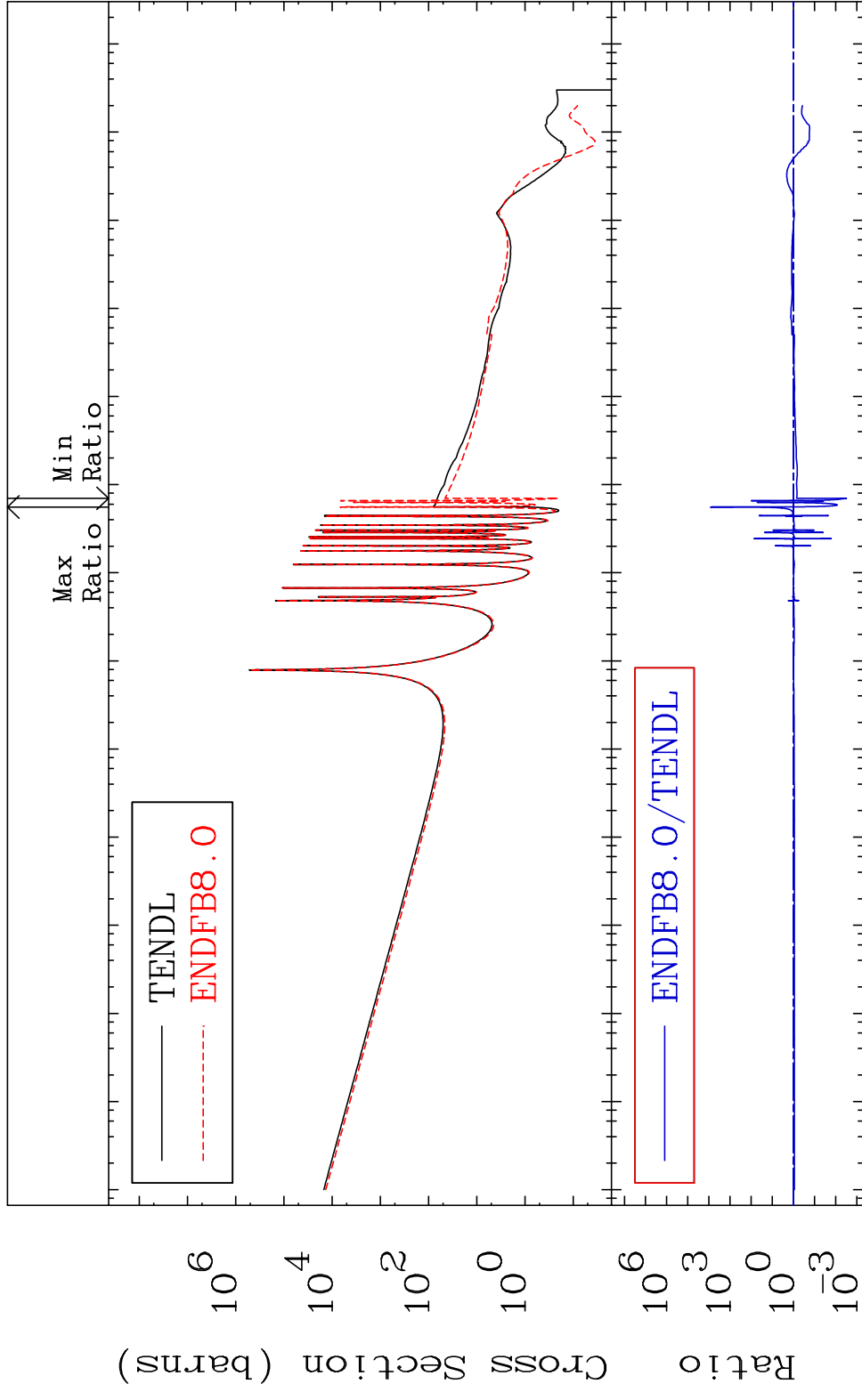
47 Incident Energy (eV) 72-Hf-176



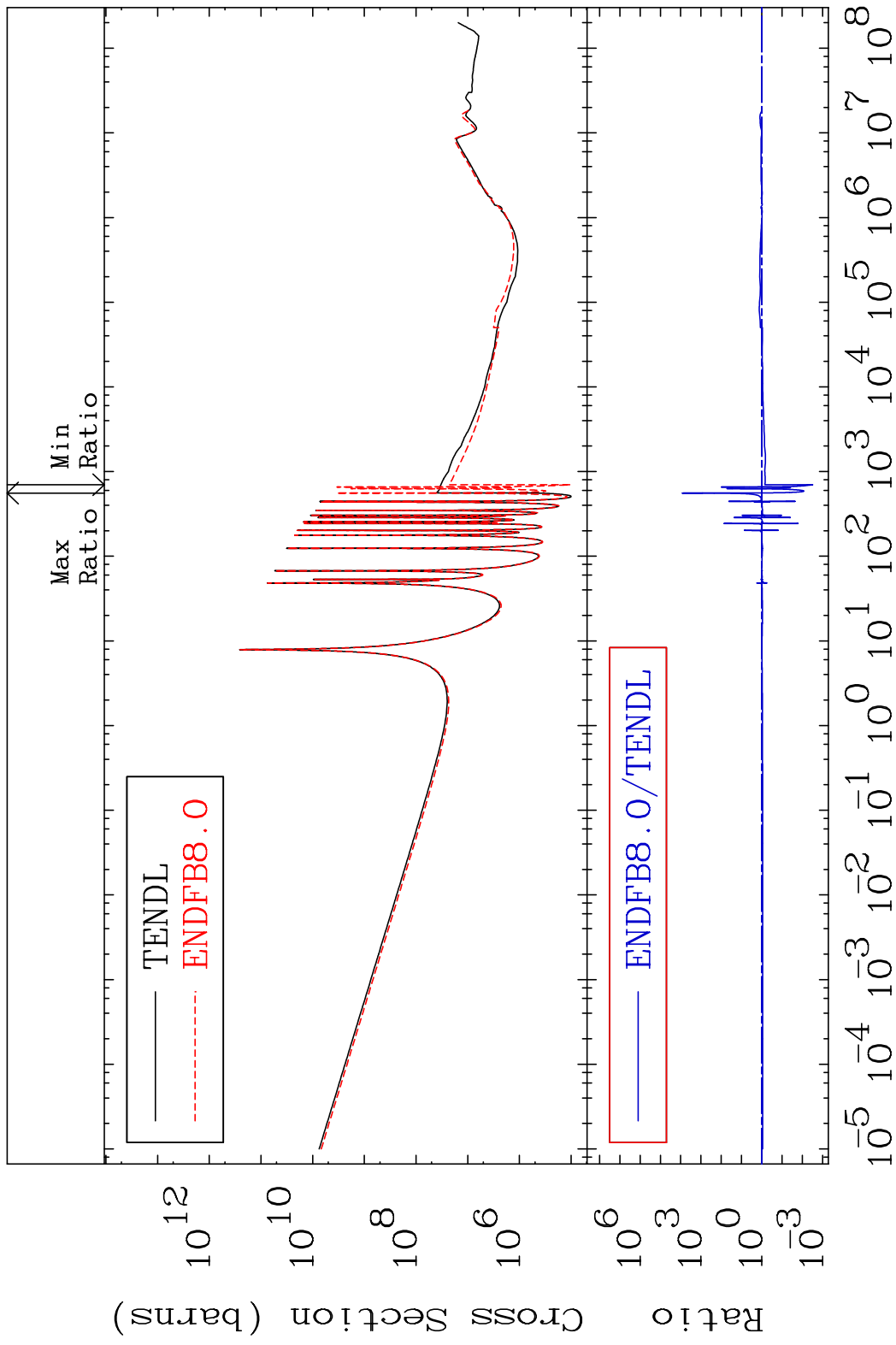
MAT 7231 Kerma fission (mt18 or mt19-20-21-38)72-Hf-176  
 Cross Section -69.14 To 9999. %



MAT 7231 Kerma capture (mt102) 72-Hf-176  
 Cross Section -99.69 To 9999. %

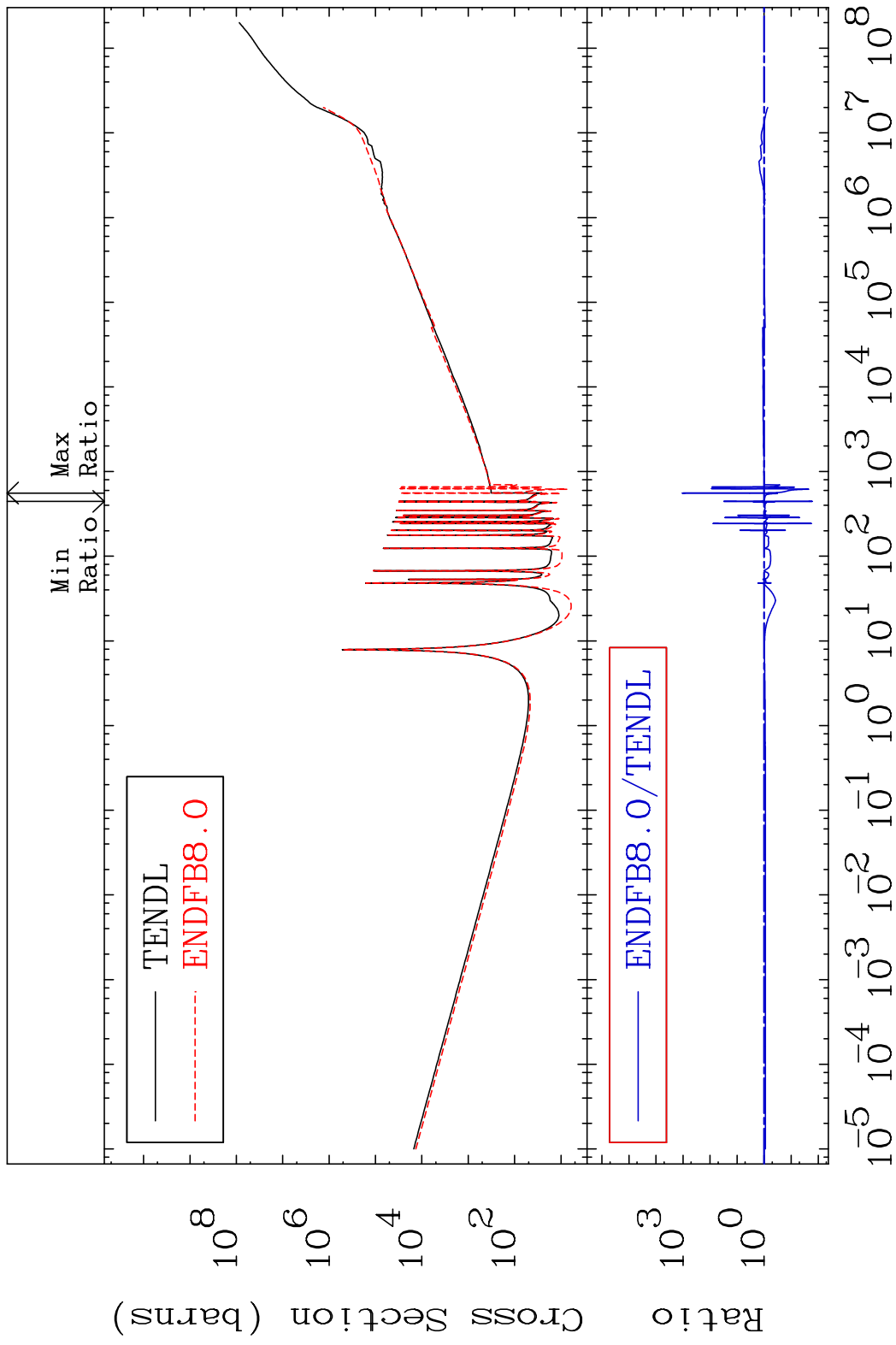


MAT 7231 Total photon (eV-barns) 72-Hf-176  
 Cross Section -99.69 To 9999. %



50 Incident Energy (eV) 72-Hf-176

MAT 7231 Total kinematic kerma (high limit) 72-Hf-176  
 Cross Section -98.38 To 9999. %

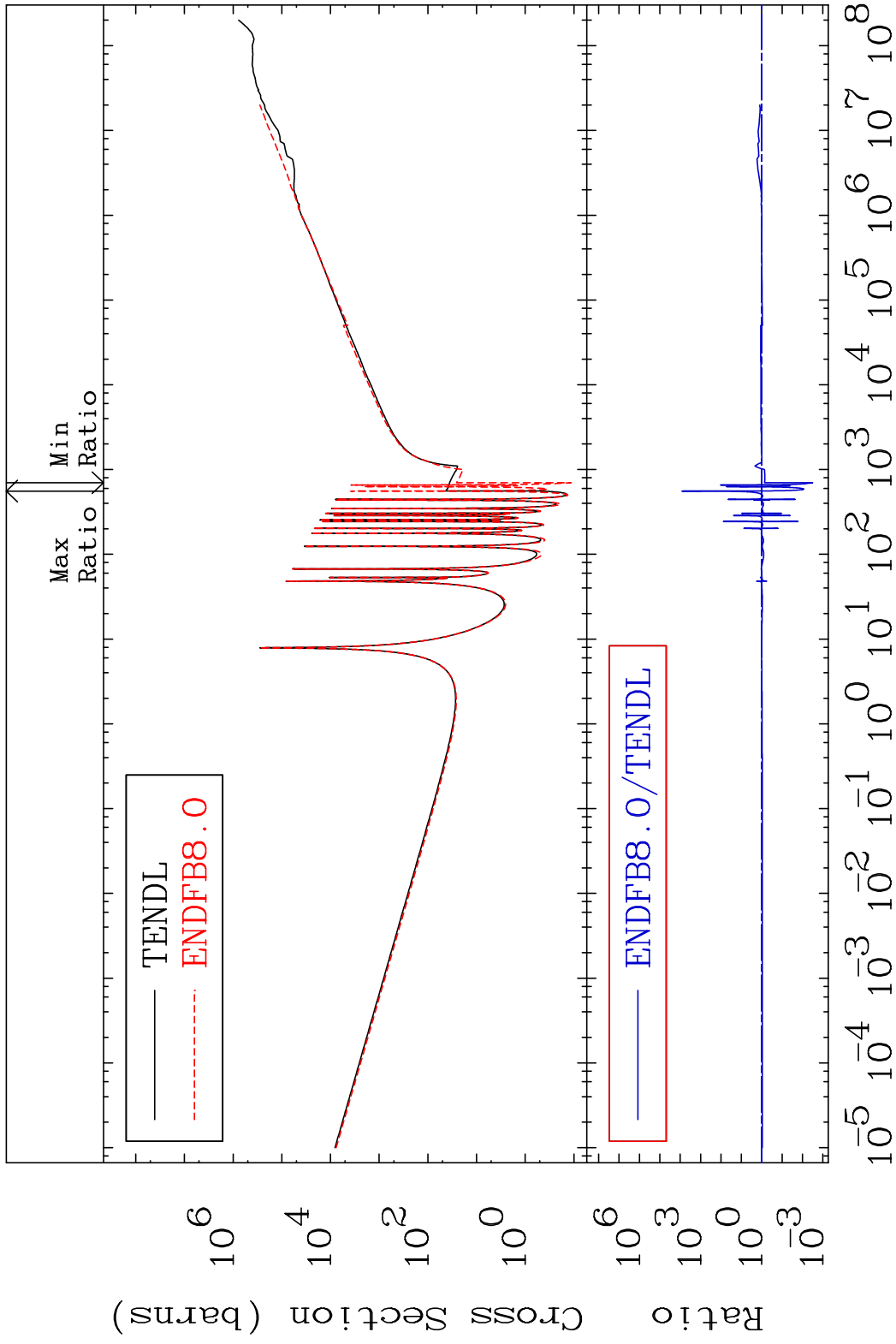


MAT 7231

Dpa total (eV-barns)

72-Hf-176

Cross Section -99.68 To 9999. %



52

Incident Energy (eV)

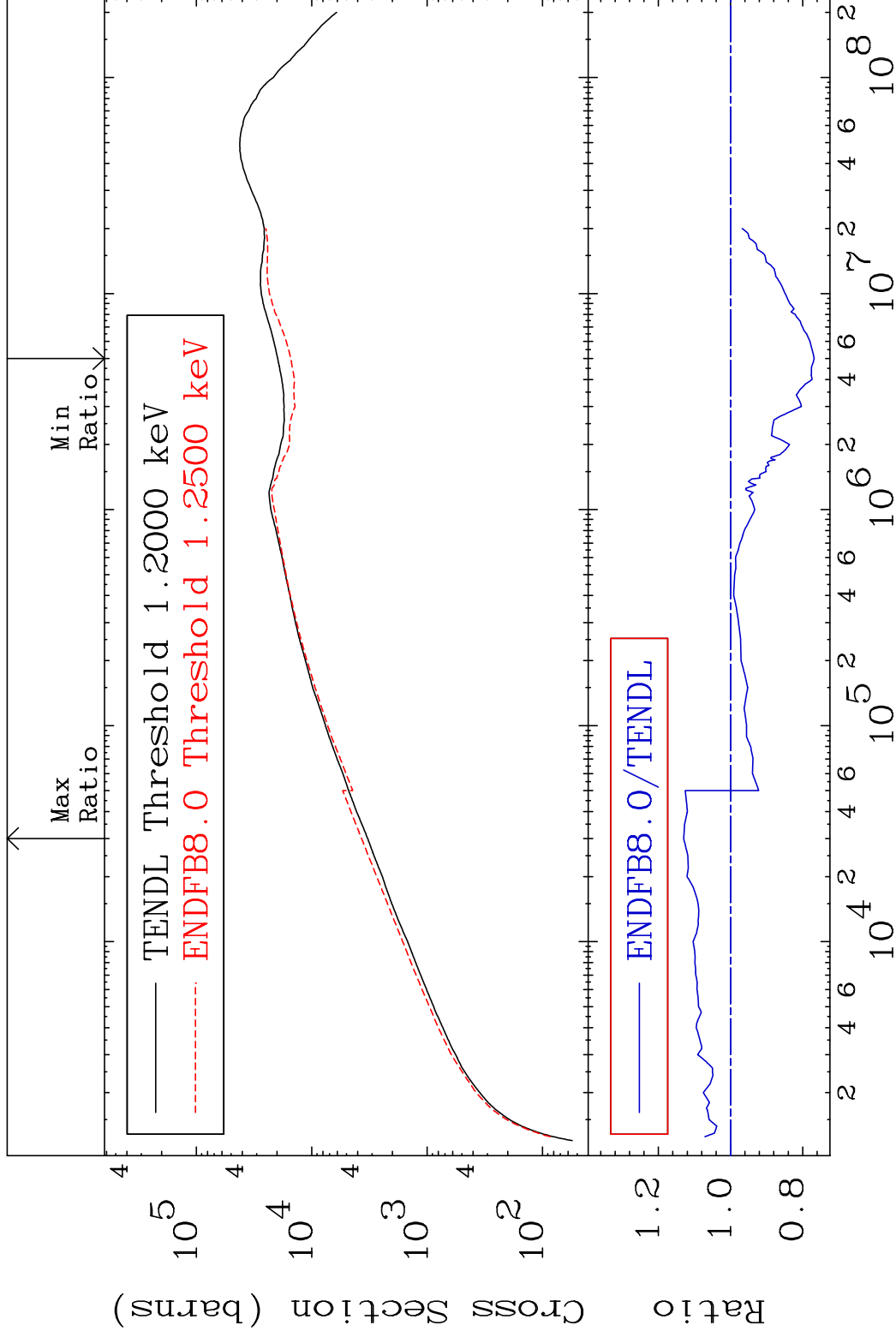
72-Hf-176

MAT 7231

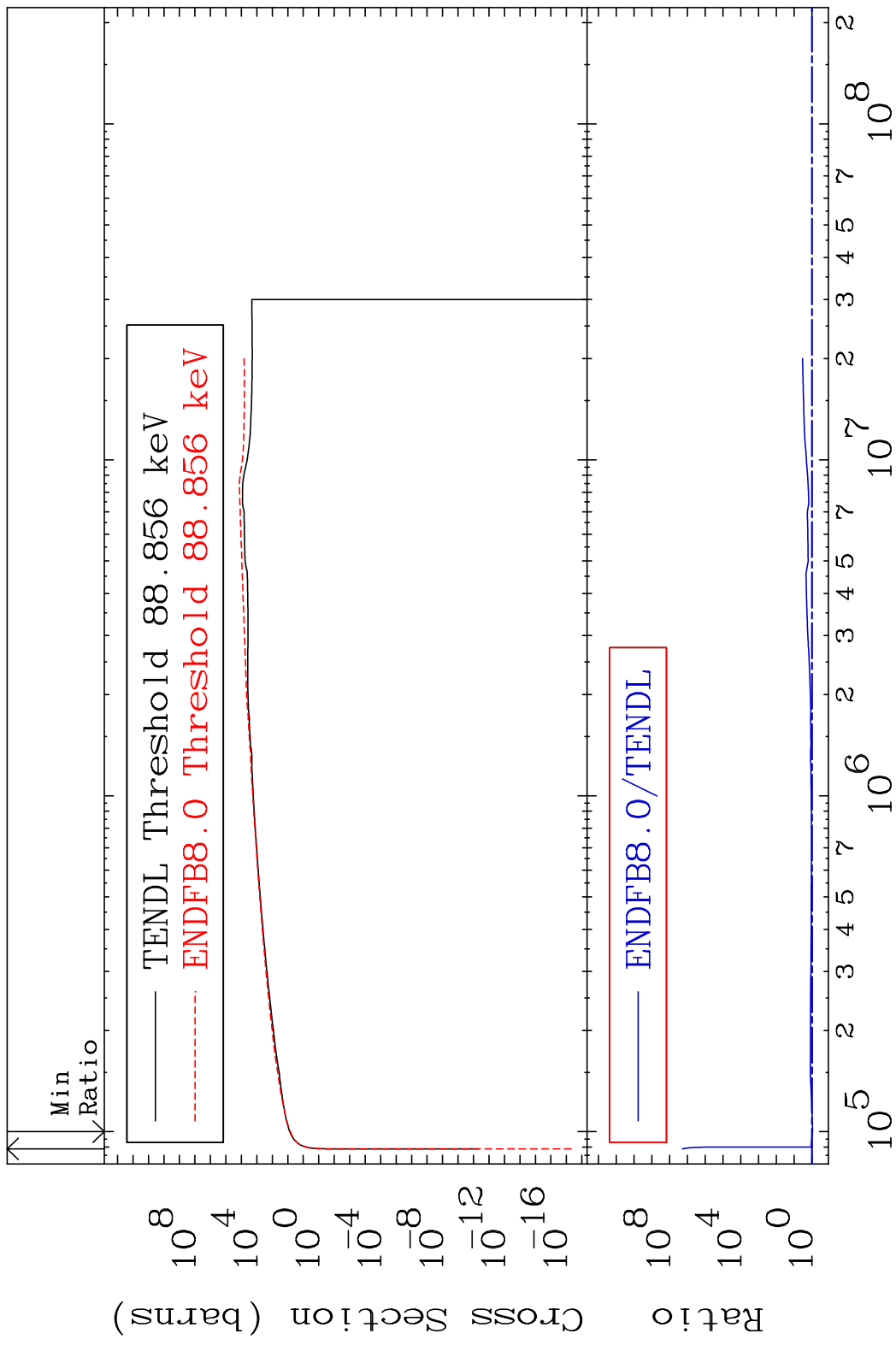
Dpa elastic (mt2)

72-Hf-176

Cross Section -23.17 To 13.00 %



MAT 7231      Dpa inelastic (mt51-91)      72-Hf-176  
 Cross Section    -9.137 To 9999. %



MAT 7231 Dpa disappearance (mt102 -120) 72-Hf-176  
 Cross Section -99.68 To 9999. %

