

Program Complot  
(Version 2021-1)

by

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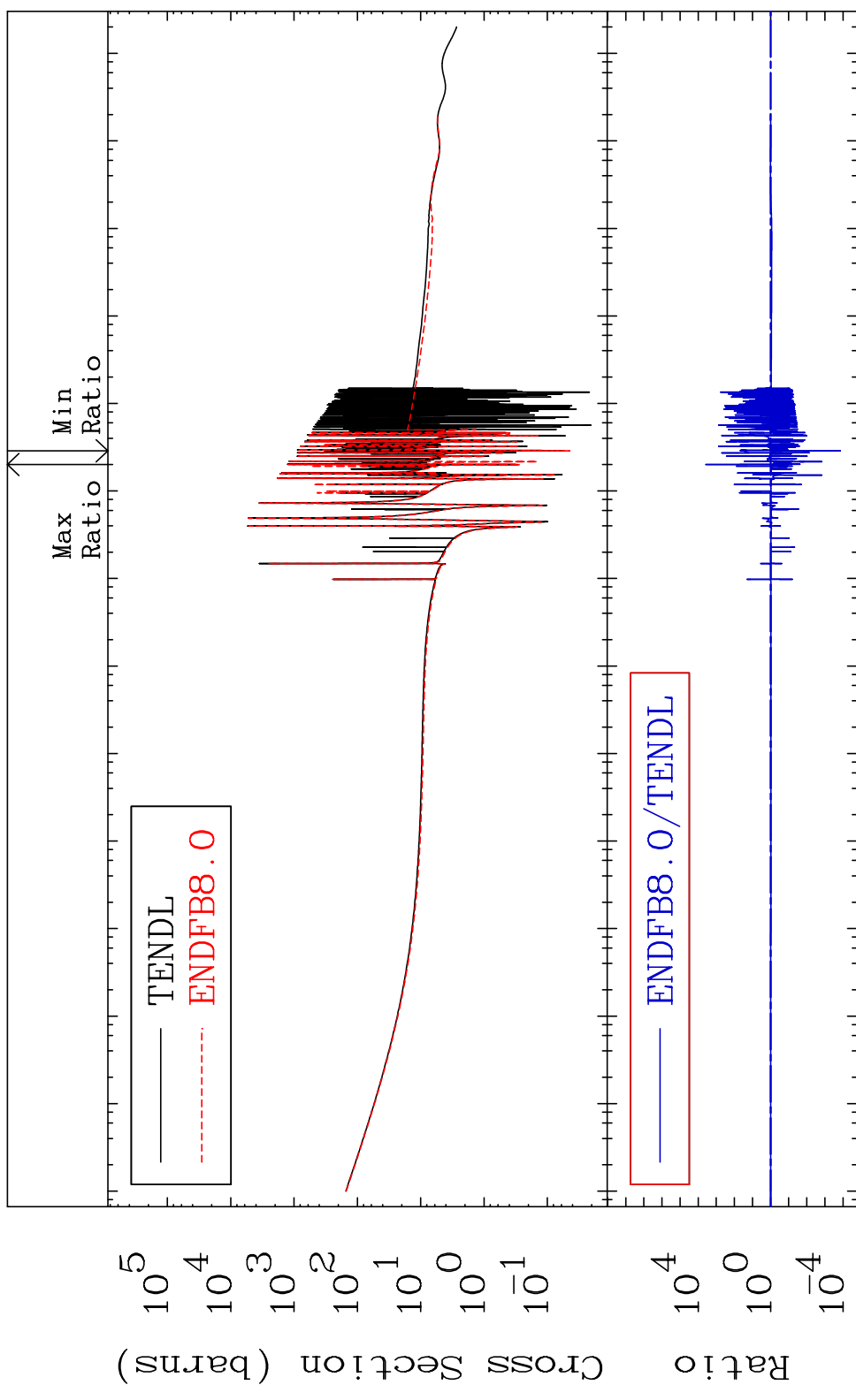
Press Mouse Button to Start

MAT 7049

Total

70-Yb-176

Cross Section -99.99 To 9999. %



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>

1

Incident Energy (eV)

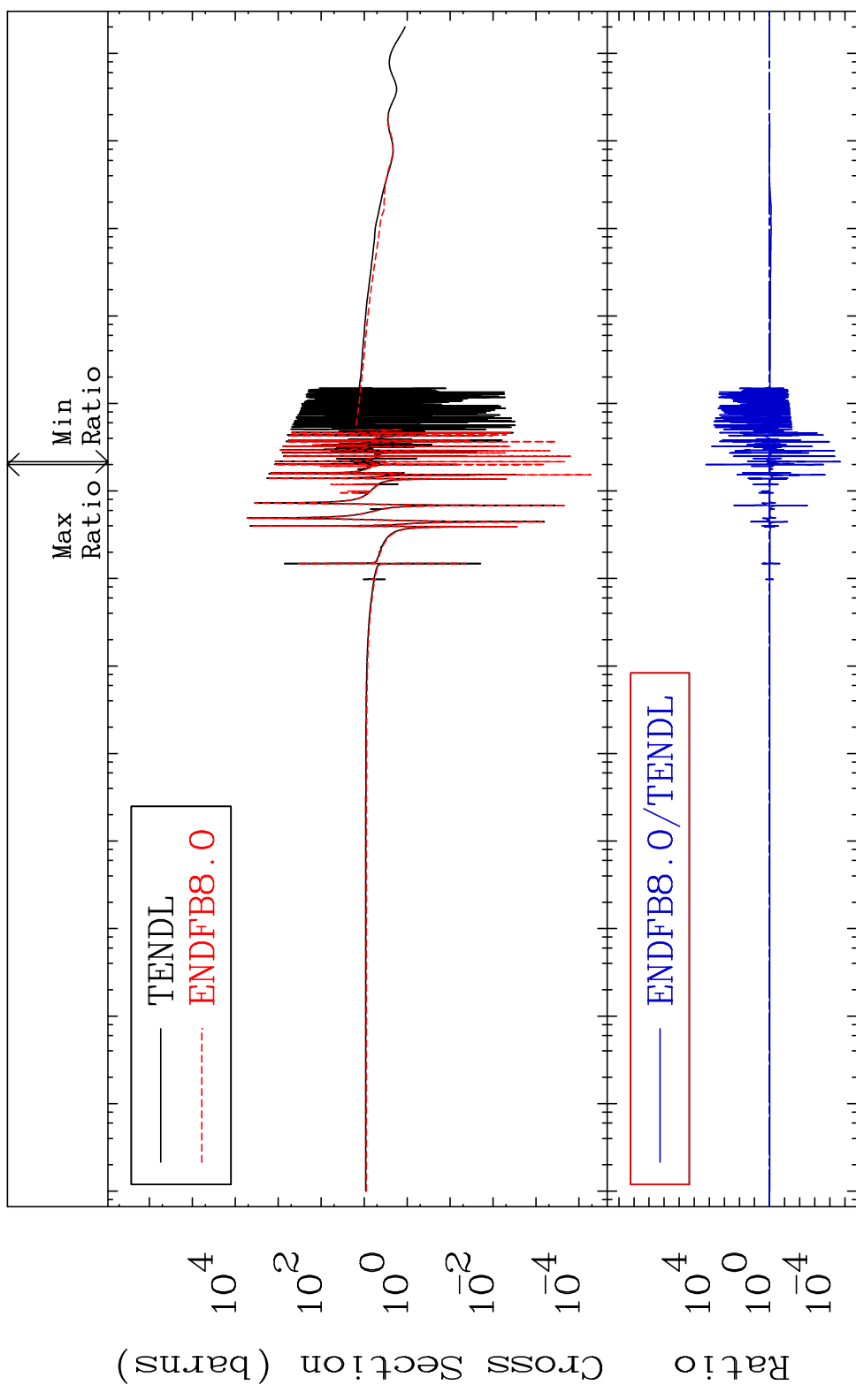
70-Yb-176

MAT 7049

70-Yb-176

Elastic

Cross Section -100.0 To 9999. %

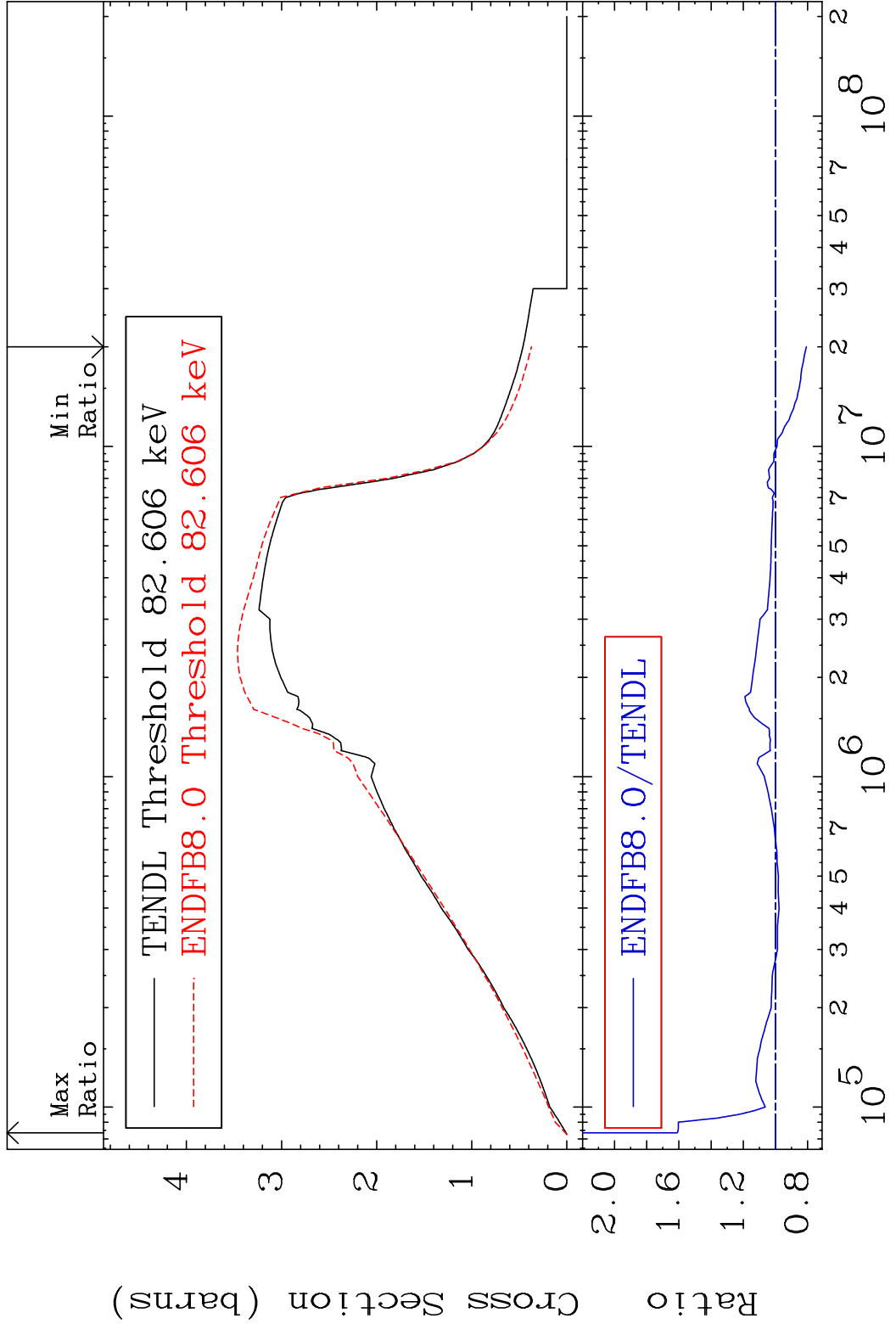


2

Incident Energy (eV)

70-Yb-176

MAT 7049 Inelastic 70-Yb-176  
 Cross Section -19.28 To 61.06 %



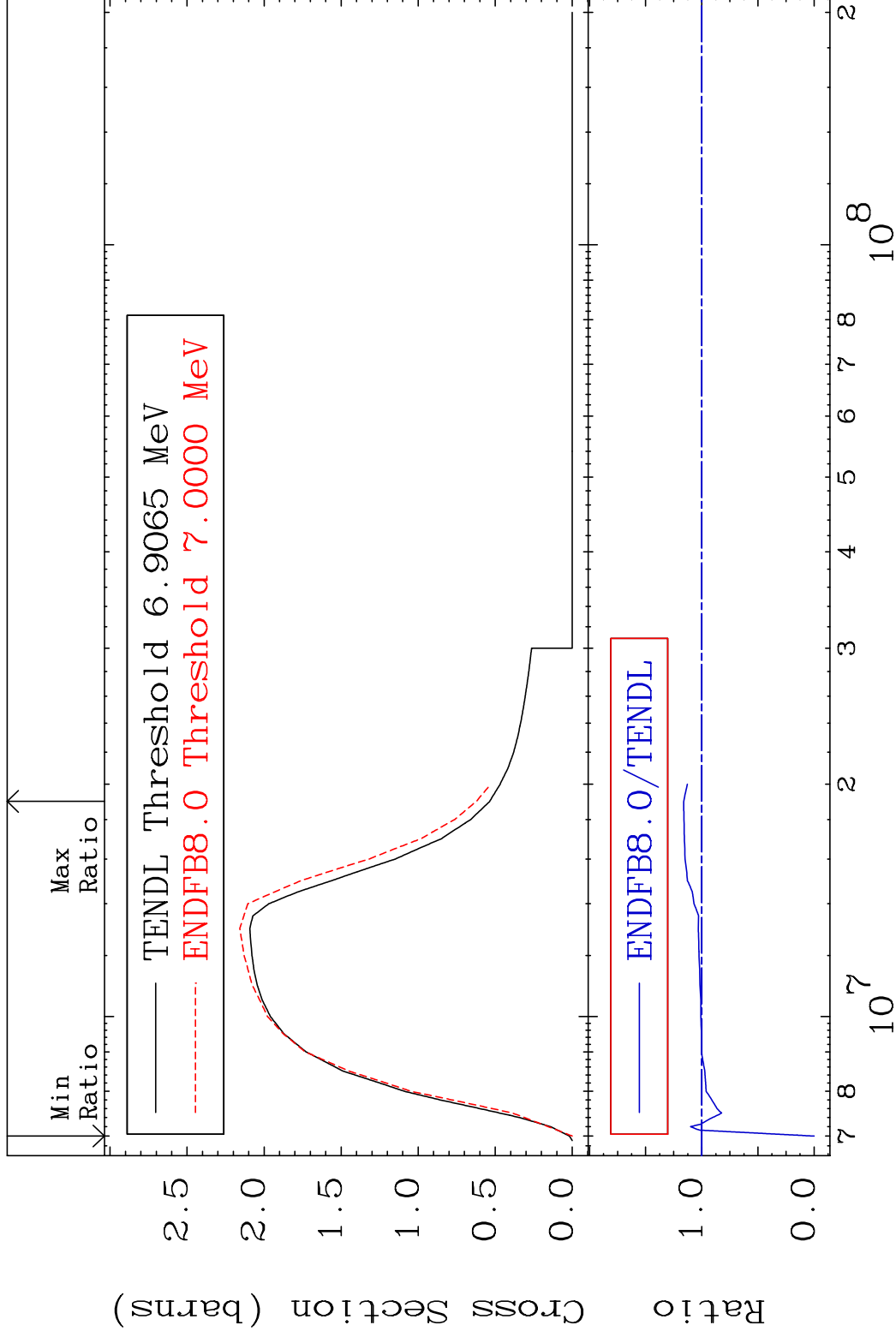
3 2 3 4 5 7 2 3 4 5 7 8 2  
 70-Yb-176

MAT 7049

(n,2n)

70-Yb-176

Cross Section -100.0 To 16.15 %



4

Incident Energy (eV)

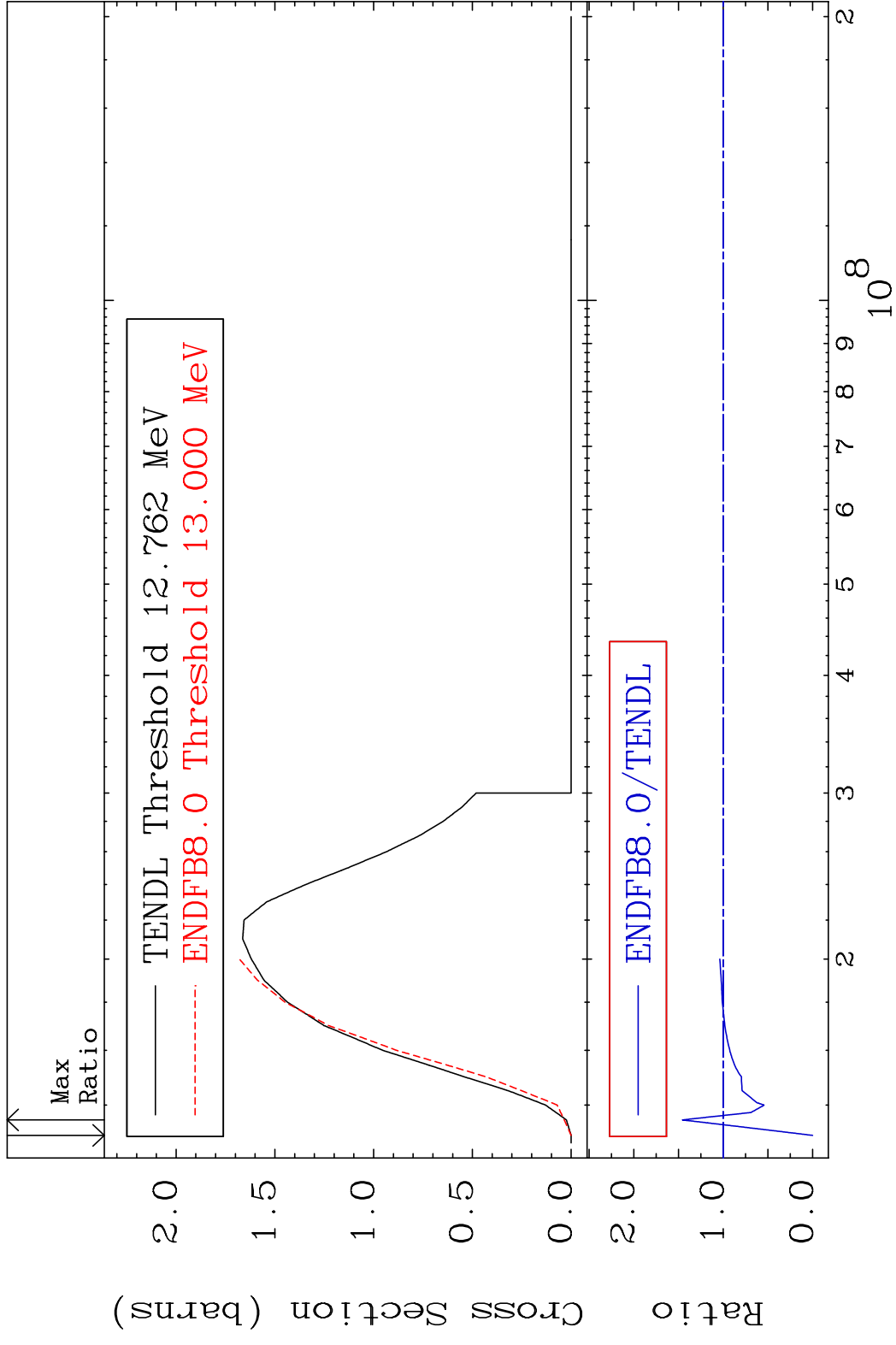
70-Yb-176

MAT 7049

(n,3n)

70-Yb-176

Cross Section -100.0 To 45.61 %



5

Incident Energy (eV)

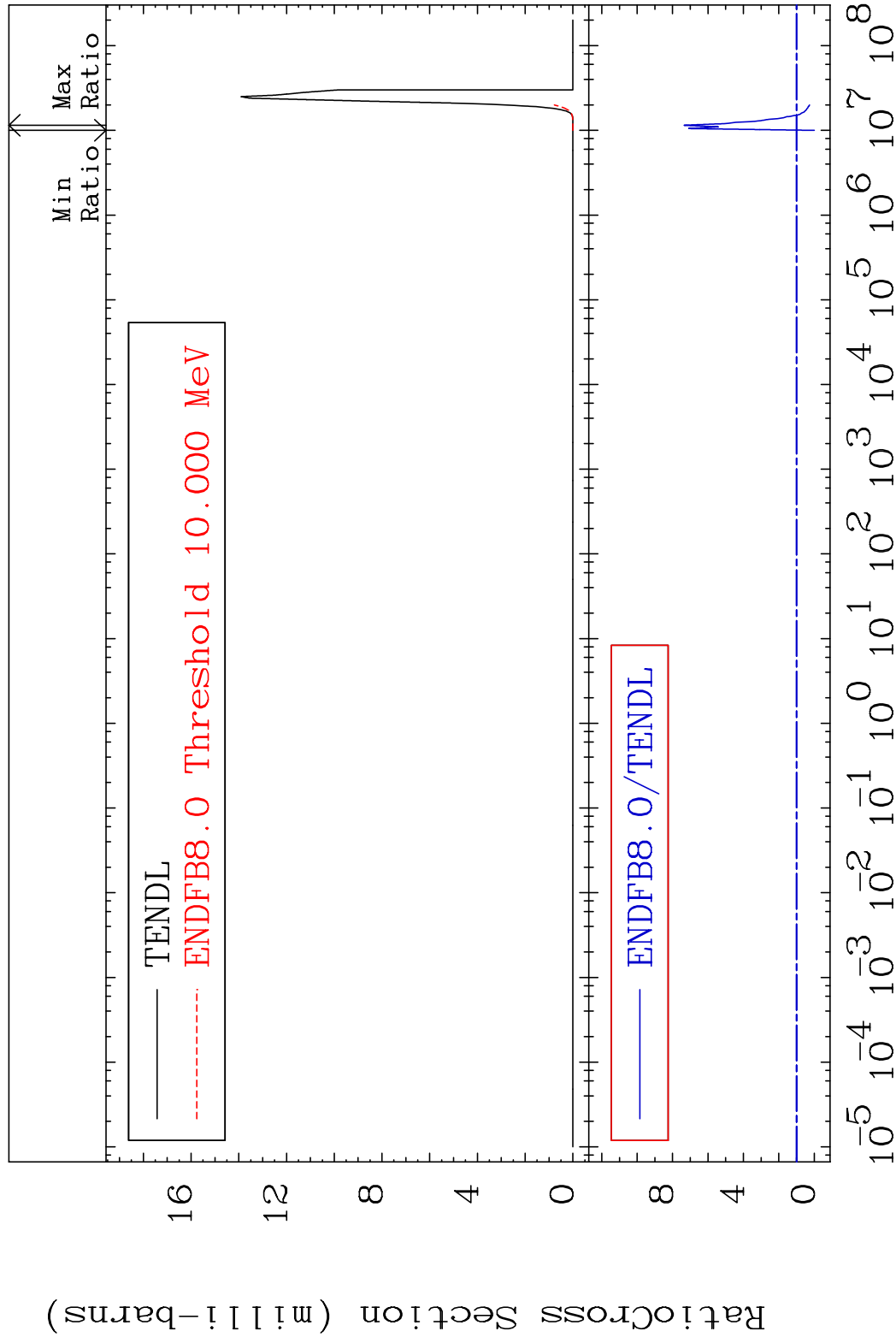
70-Yb-176

MAT 7049

(n, n')  $\alpha$

70-Yb-176

Cross Section -100.0 To 635.2 %

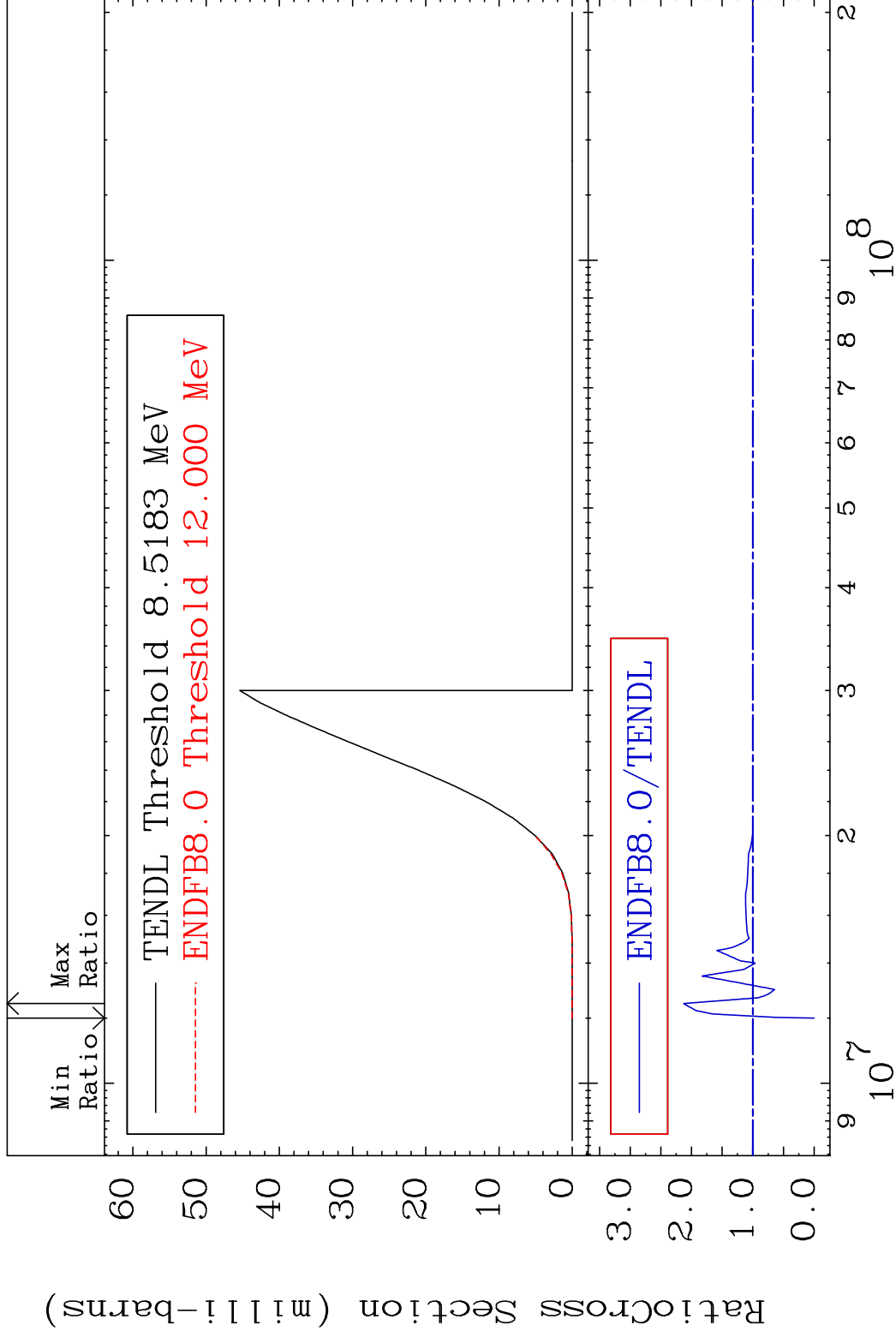


MAT 7049

(n, n') p

70-Yb-176

Cross Section -100.0 To 112.8 %



7

Incident Energy (eV)

70-Yb-176

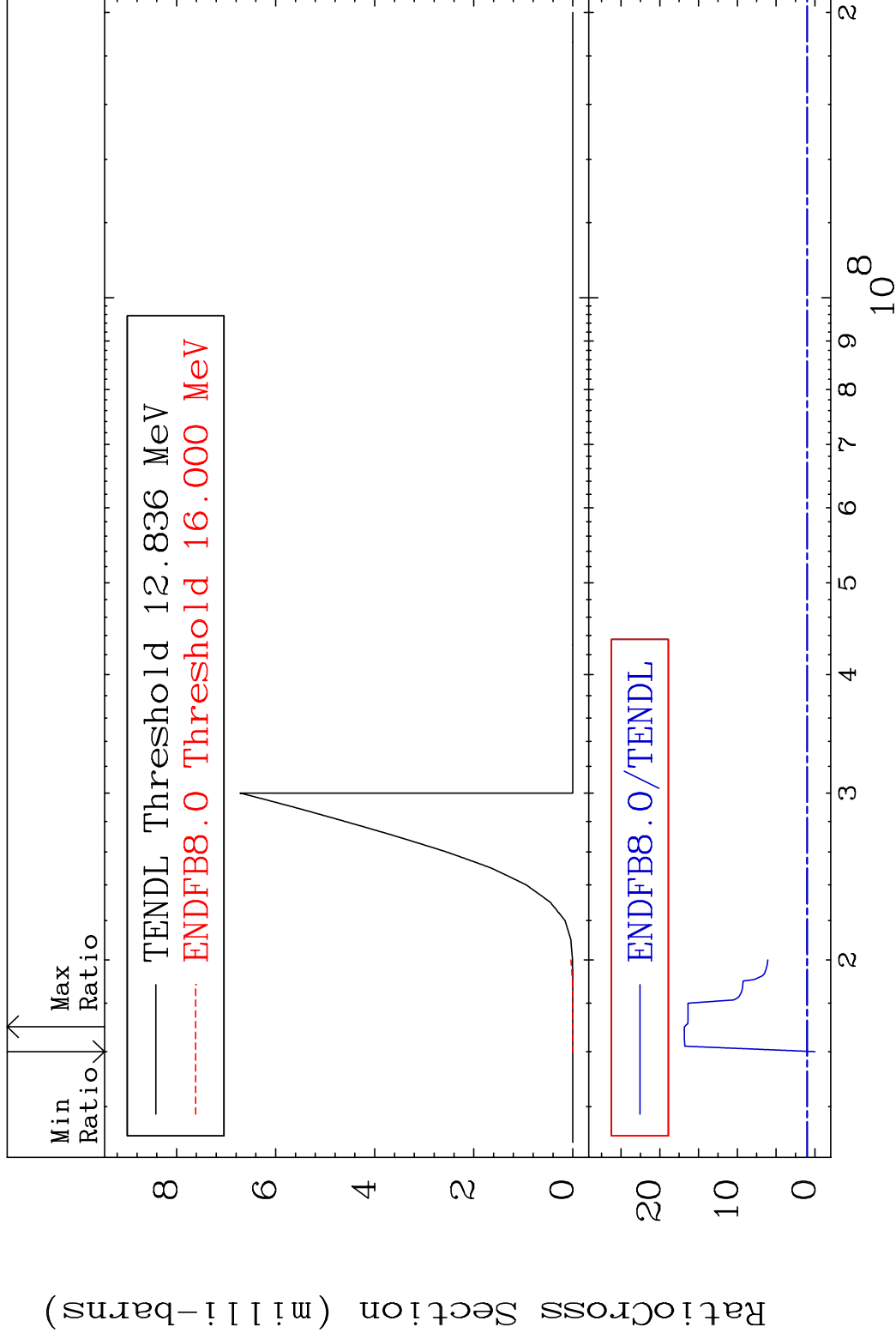


MAT 7049

(n, n') d

70-Yb-176

Cross Section -100.0 To 1584. %

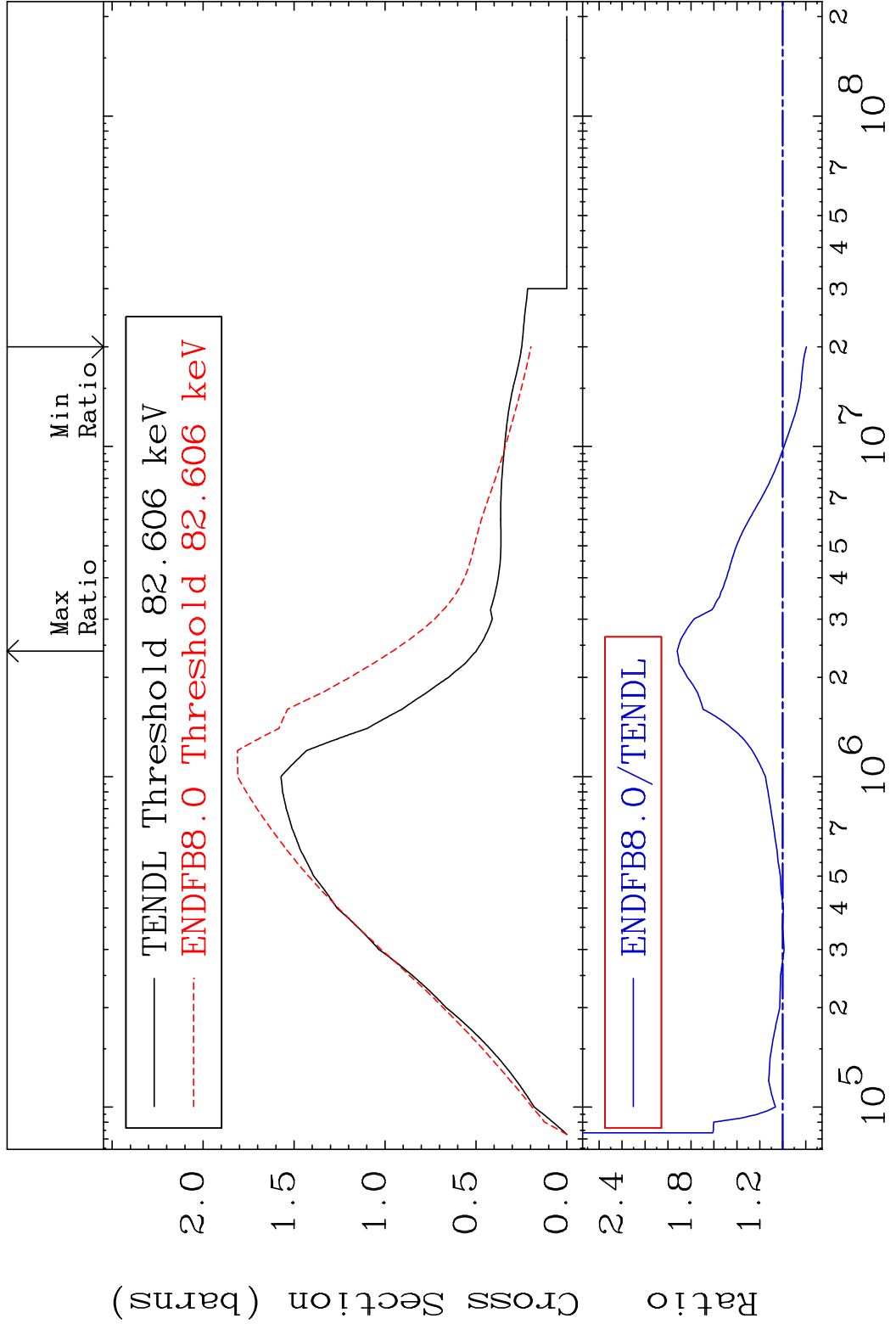


8

Incident Energy (eV)

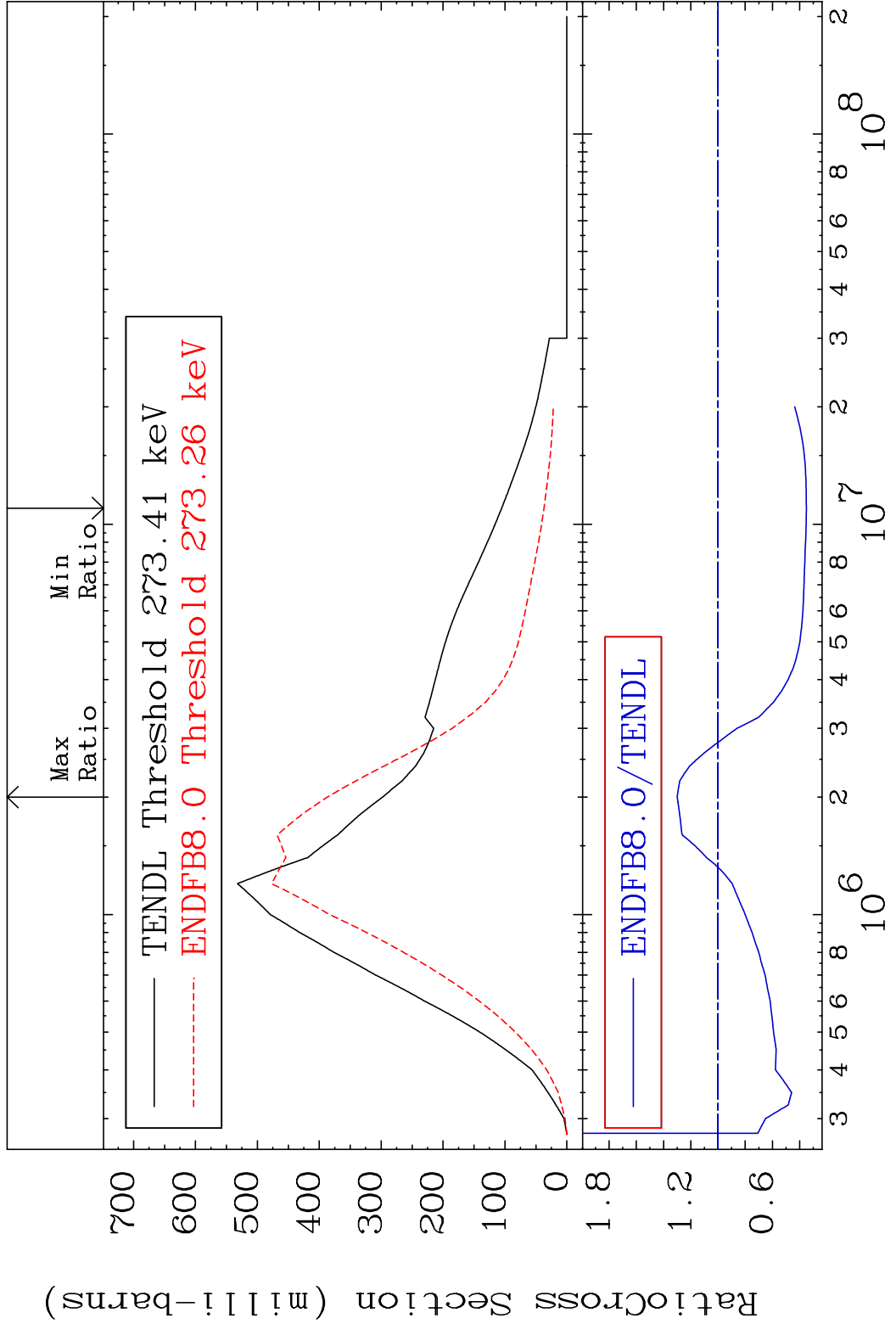
70-Yb-176

MAT 7049 MT= 51 (n, n') Level 70-Yb-176  
 Cross Section -20.60 To 92.00 %



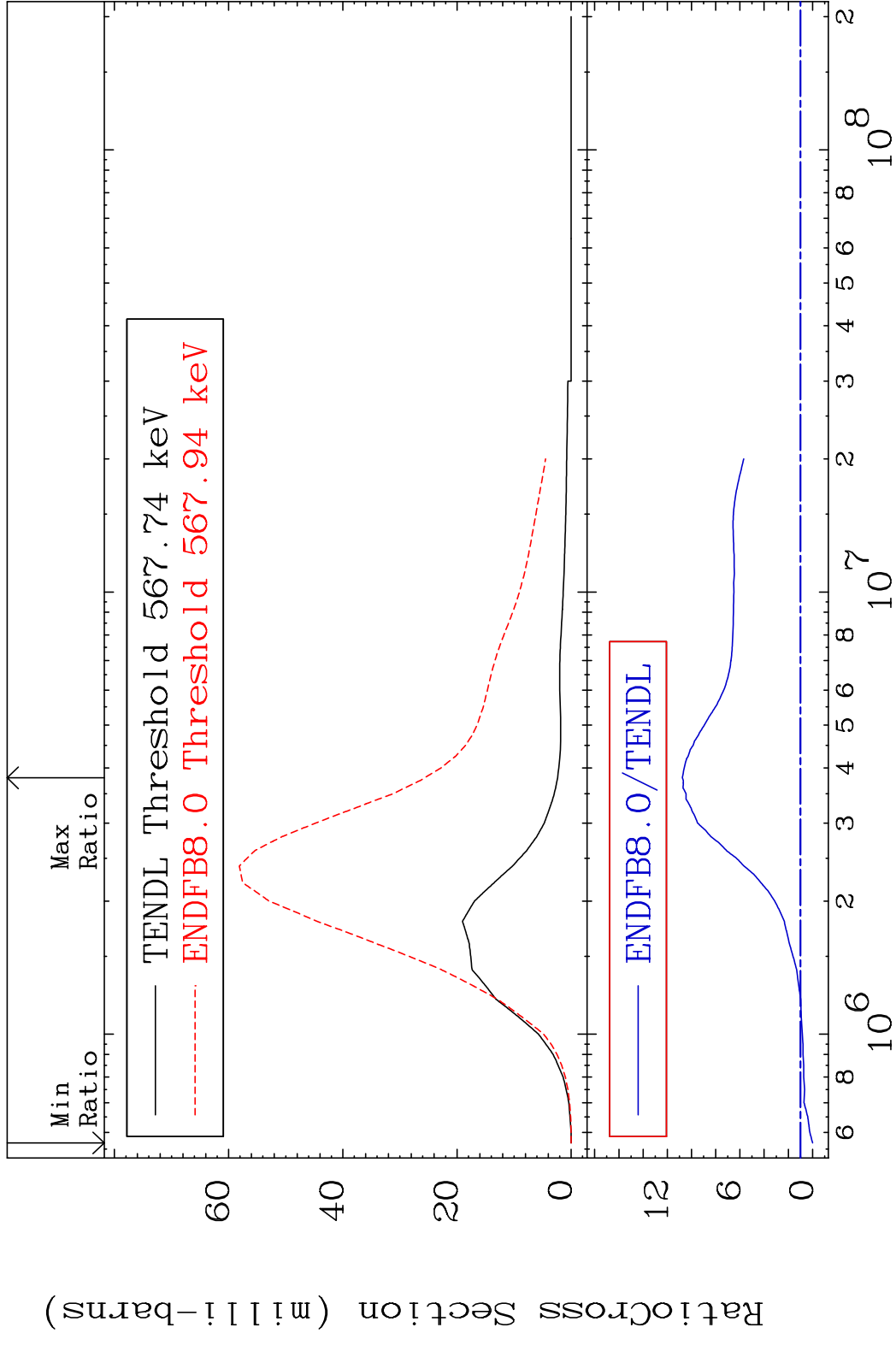
9 Incident Energy (eV) 70-Yb-176

MAT 7049 MT= 52 (n, n') Level 70-Yb-176  
 Cross Section -64.94 To 29.97 %

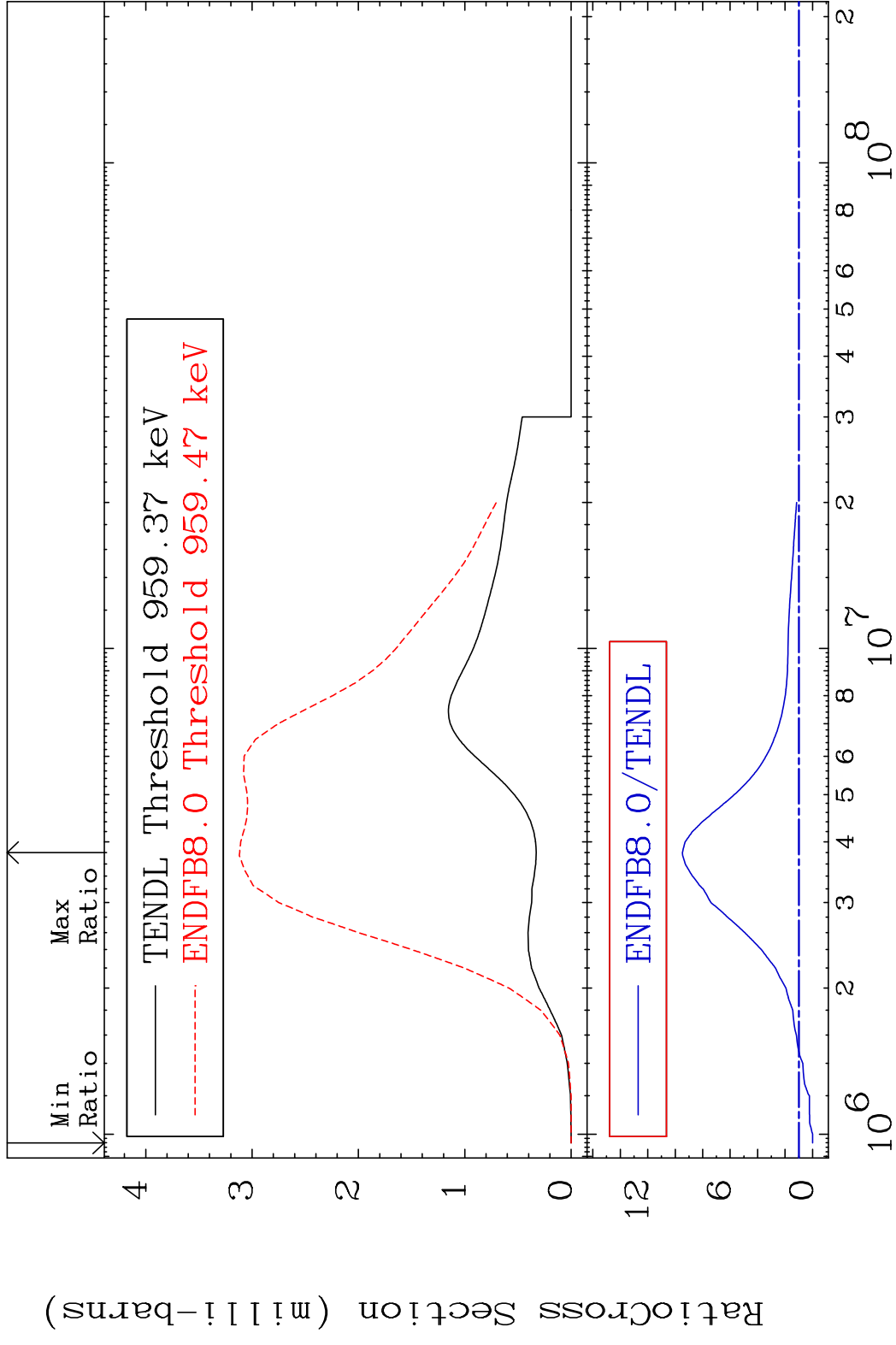


10 Incident Energy (eV) 70-Yb-176

MAT 7049 MT= 53 (n, n') Level 70-Yb-176  
 Cross Section -100.0 To 975.7 %

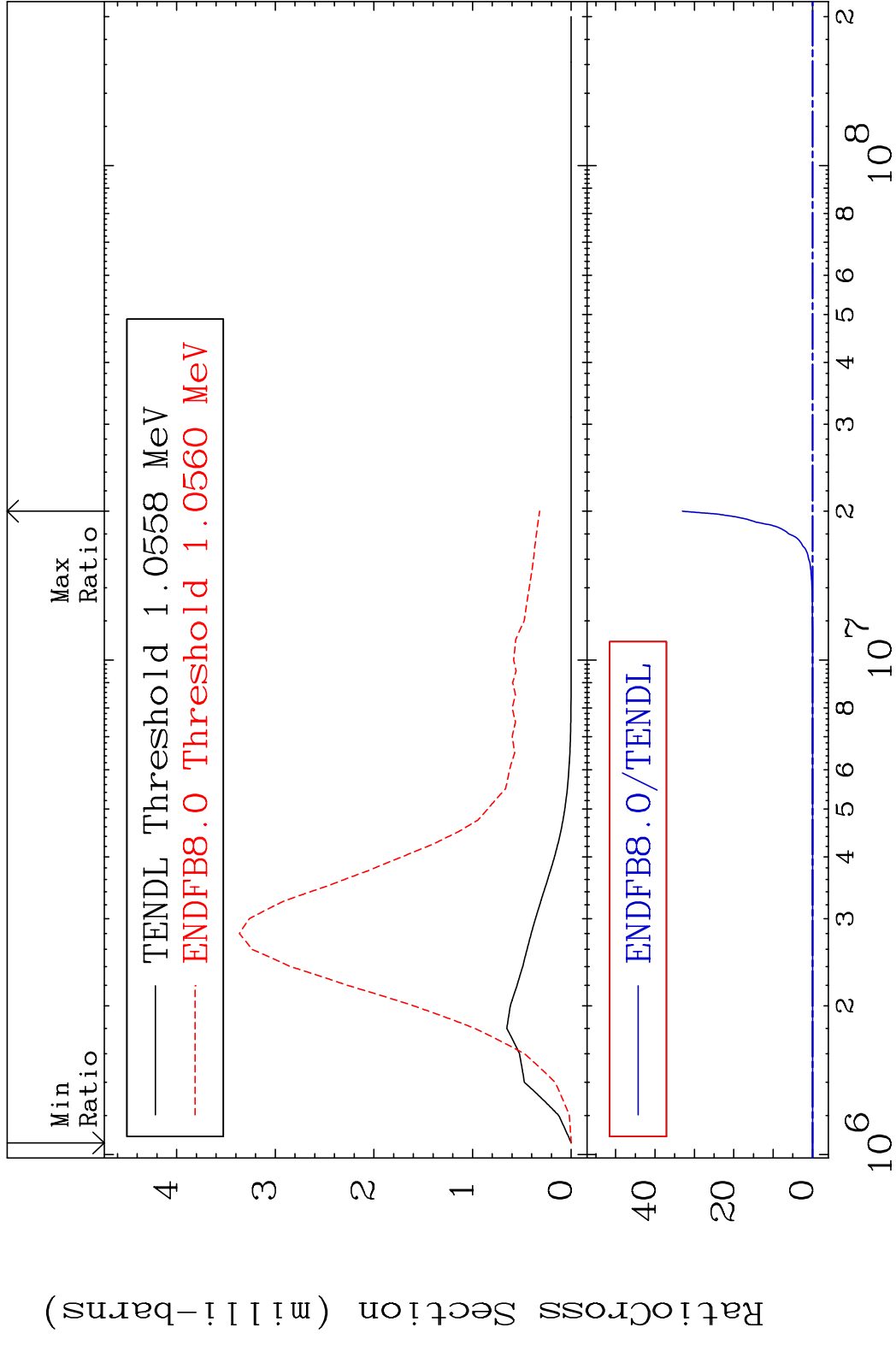


MAT 7049 MT= 54 (n, n') Level 70-Yb-176  
 Cross Section -100.0 To 848.0 %



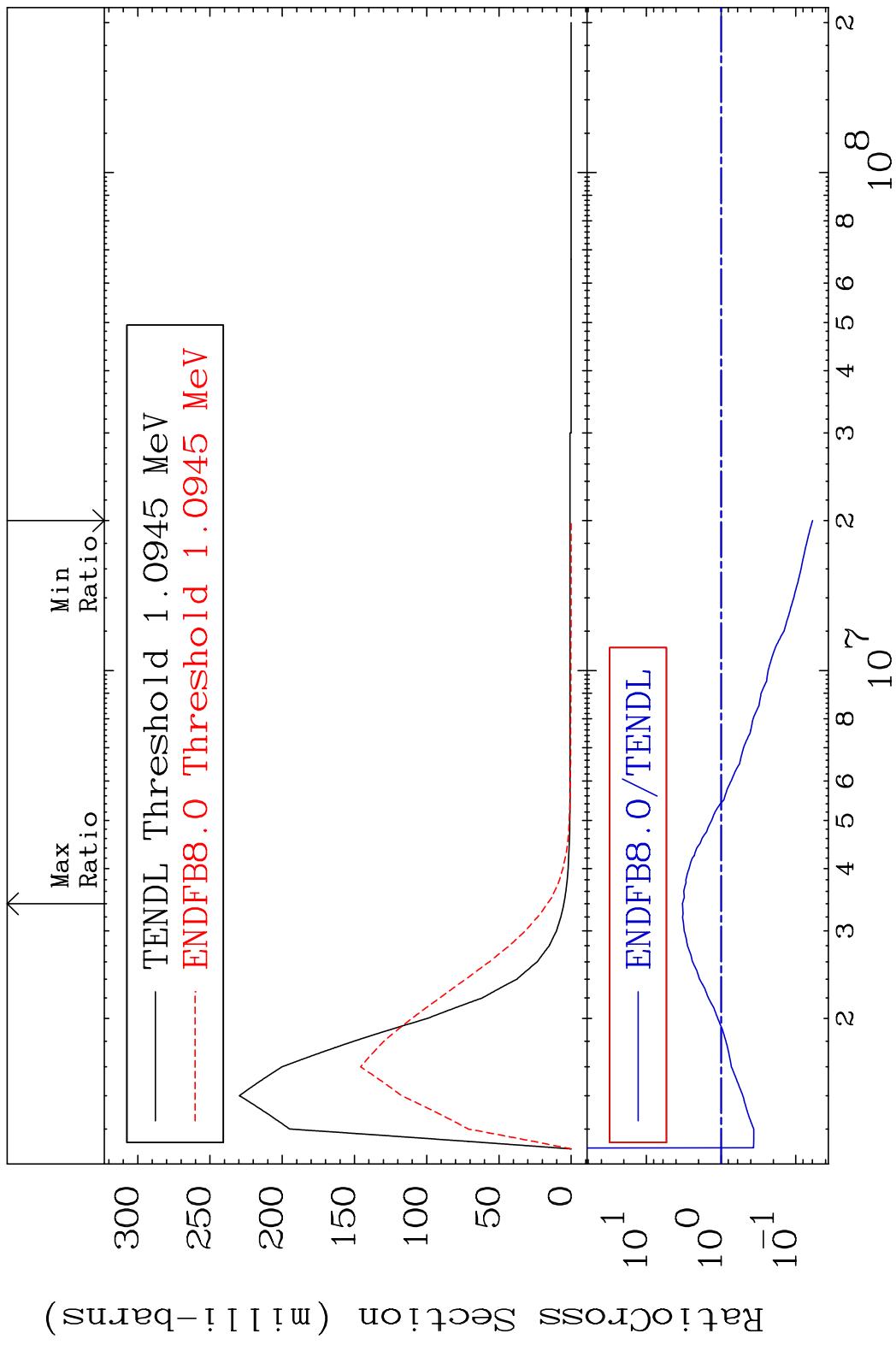
12 Incident Energy (eV) 70-Yb-176

MAT 7049 MT= 55 (n, n') Level 70-Yb-176  
 Cross Section -100.0 To 9999. %

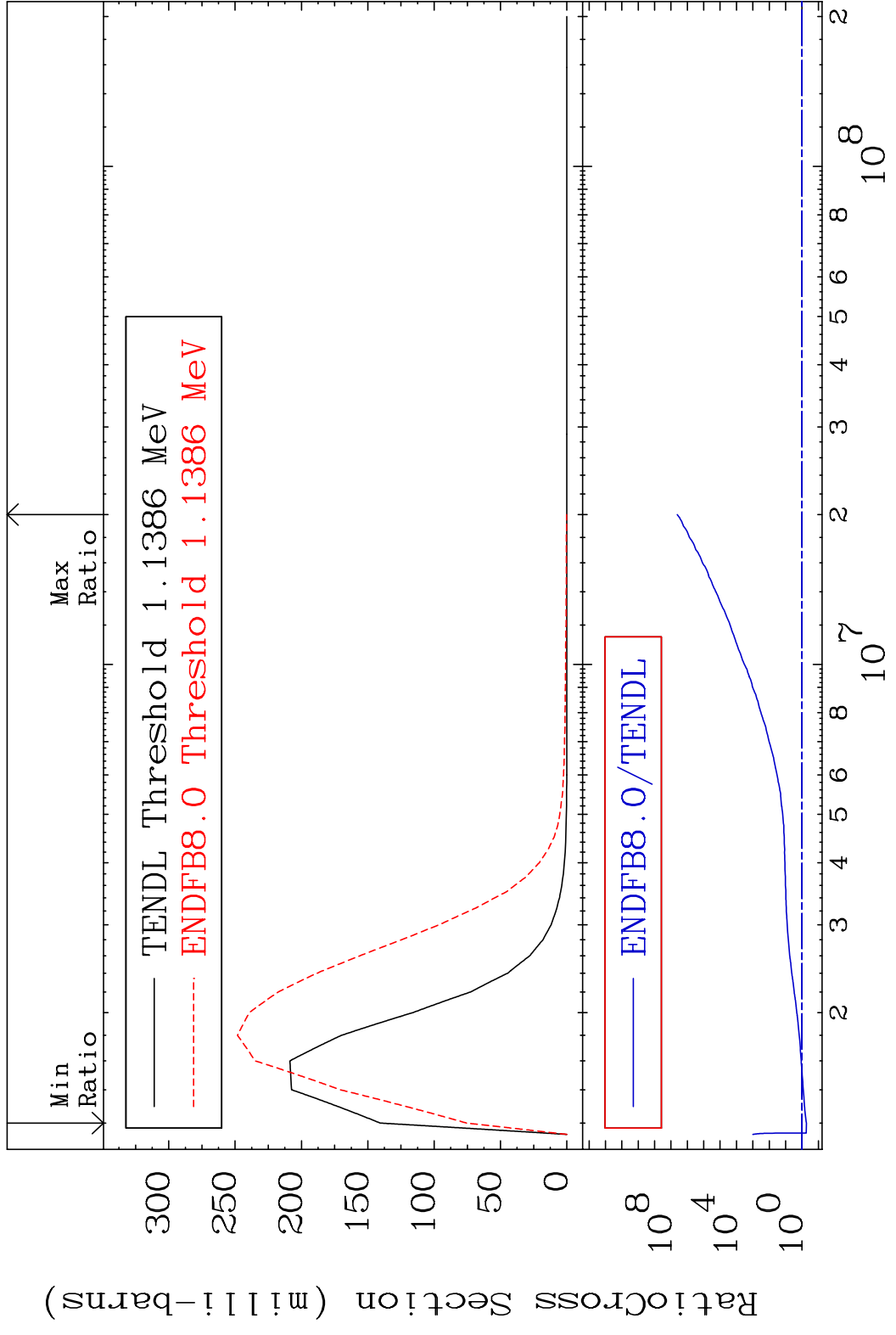


13 Incident Energy (eV) 70-Yb-176

MAT 7049 MT= 56 (n, n') Level 70-Yb-176  
 Cross Section -94.03 To 229.7 %

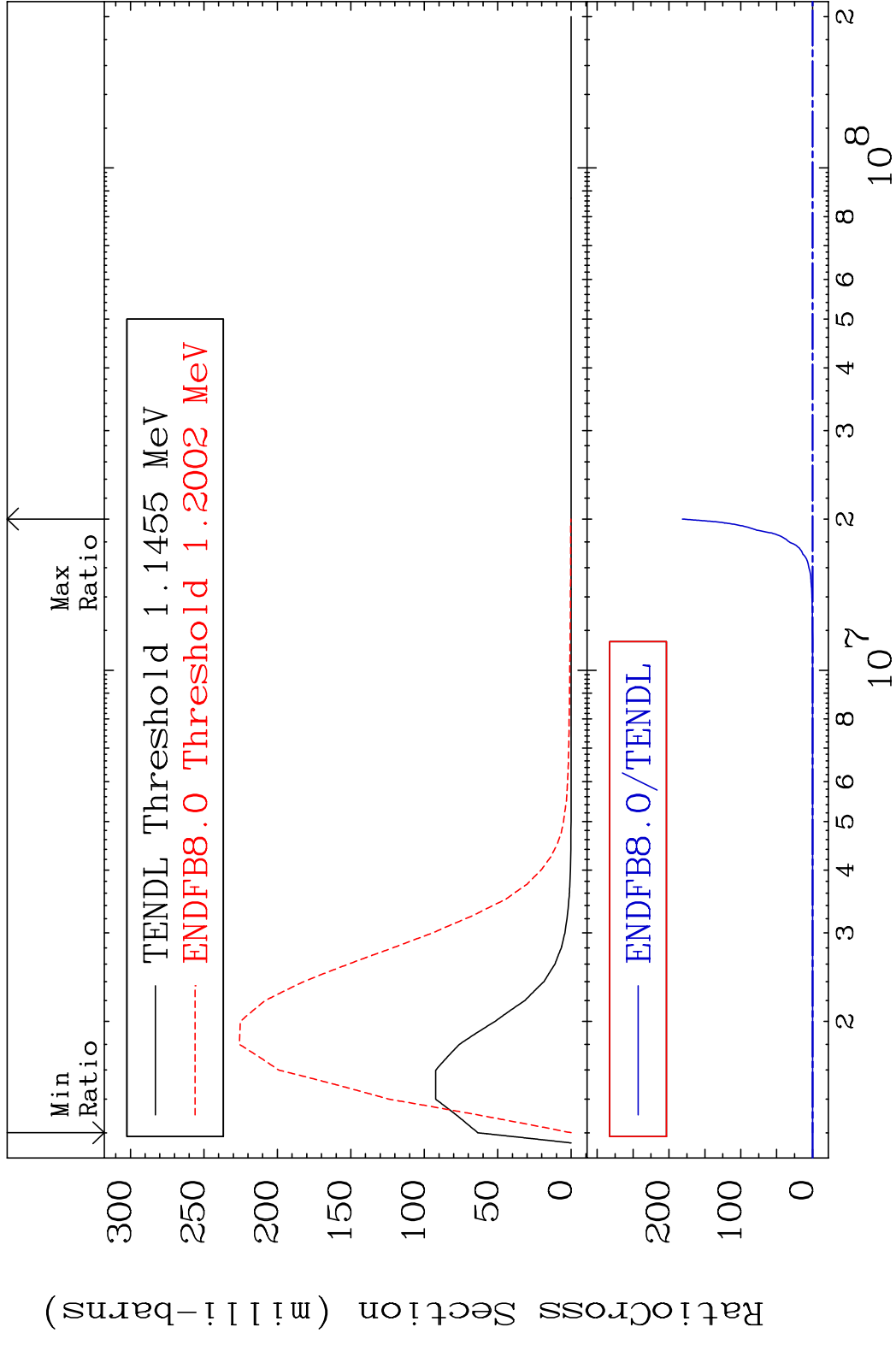


MAT 7049 MT= 57 (n, n') Level 70-Yb-176  
 Cross Section -46.25 To 9999. %

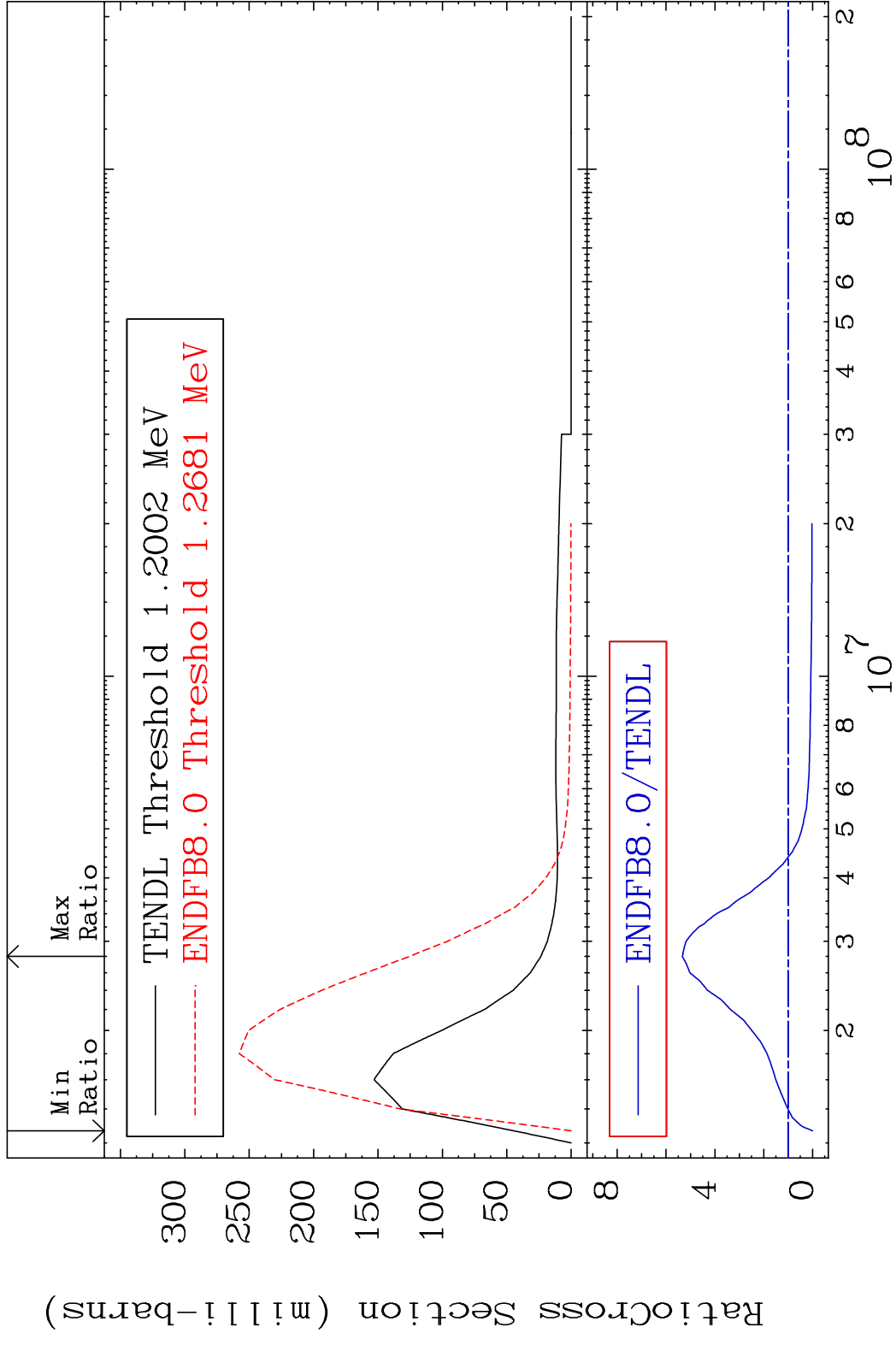




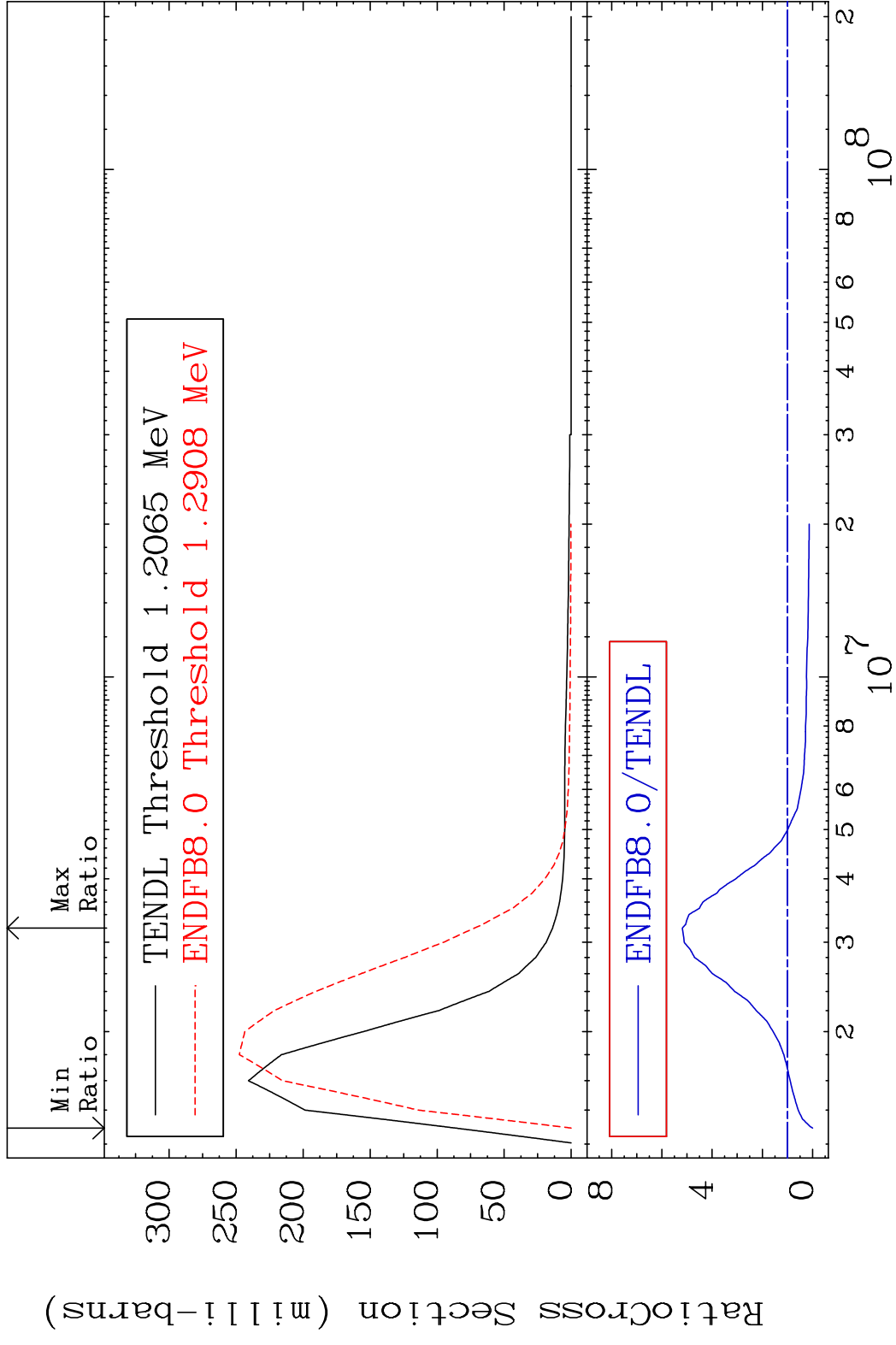
MAT 7049 MT= 58 (n, n') Level 70-Yb-176  
 Cross Section -100.0 To 9999. %



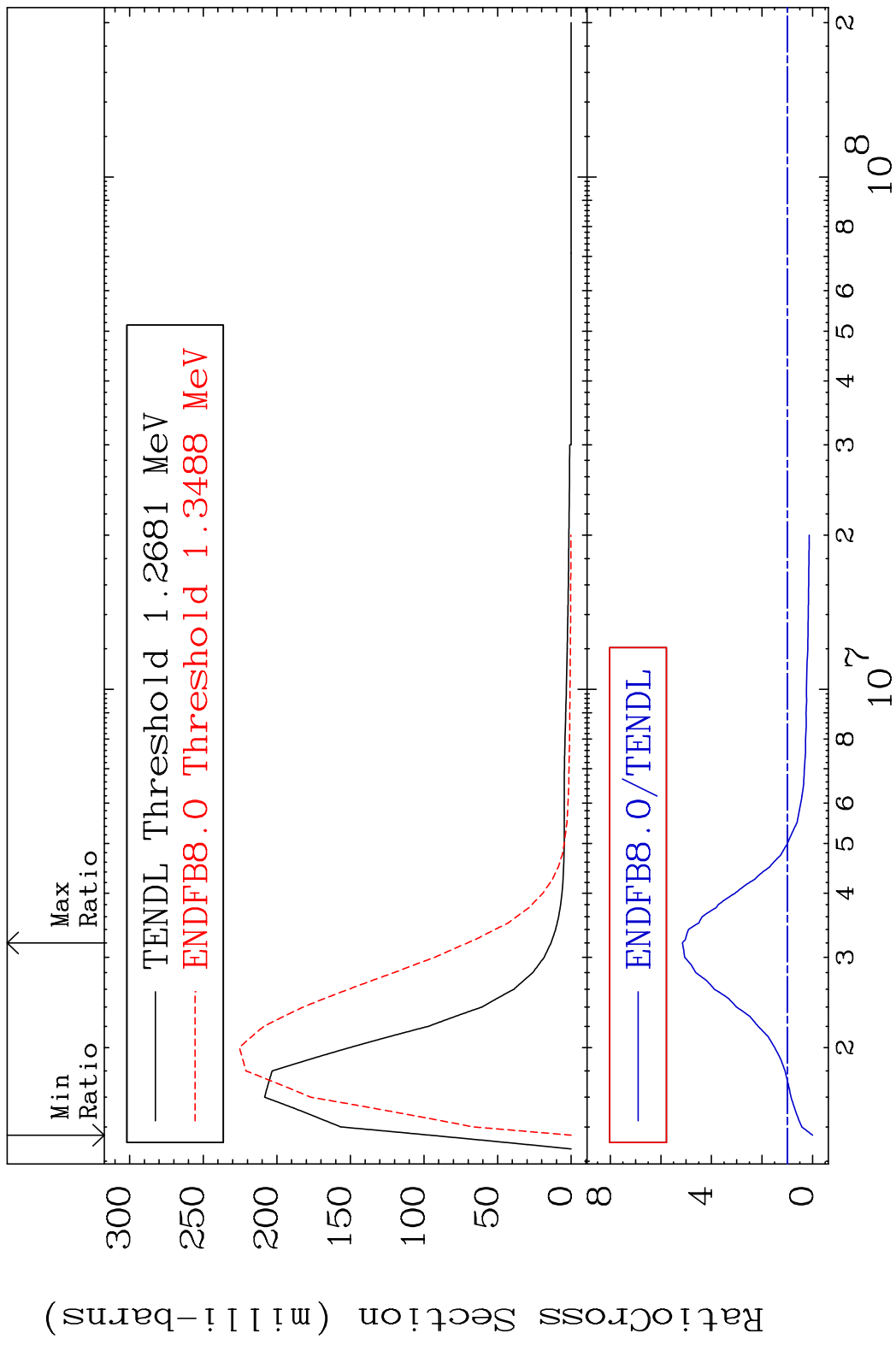
MAT 7049 MT= 59 (n, n') Level 70-Yb-176  
 Cross Section -100.0 To 433.3 %



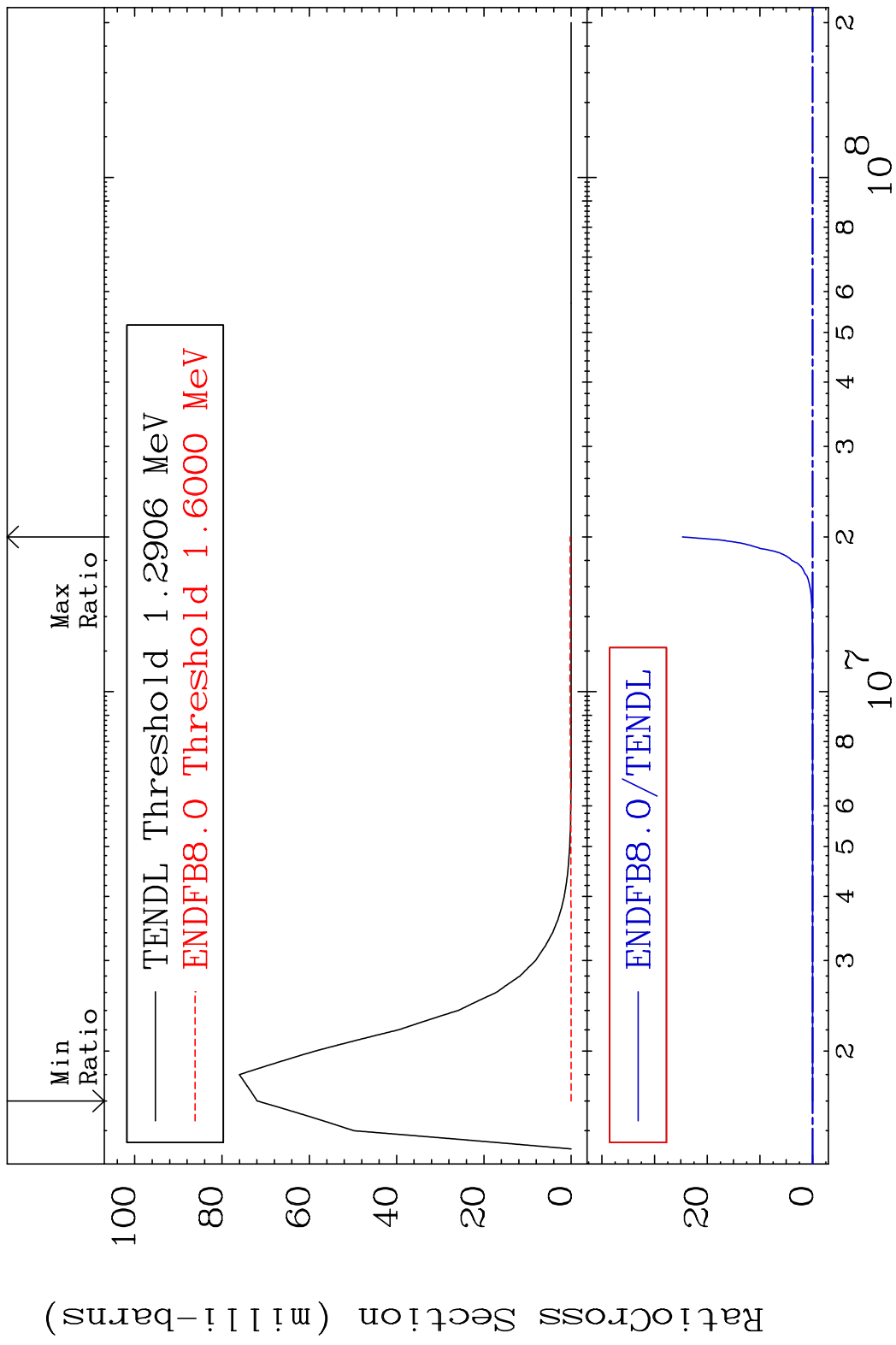
MAT 7049 MT= 60 (n, n') Level 70-Yb-176  
 Cross Section -100.0 To 418.4 %



MAT 7049 MT= 61 (n, n') Level 70-Yb-176  
 Cross Section -100.0 To 415.0 %

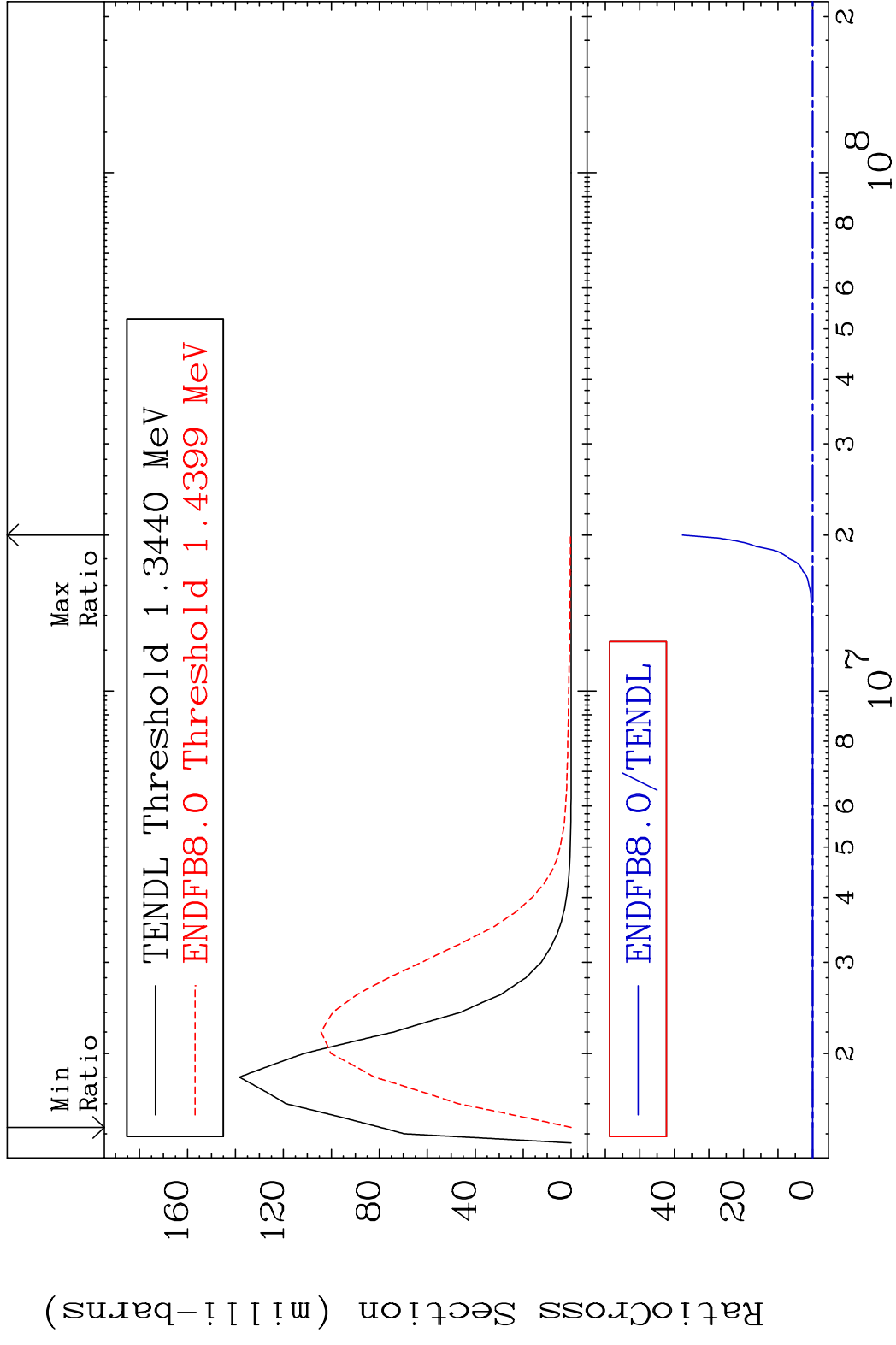


MAT 7049 MT= 62 (n, n') Level 70-Yb-176  
 Cross Section -100.0 To 9999. %



20 Incident Energy (eV) 70-Yb-176

MAT 7049 MT= 63 (n, n') Level 70-Yb-176  
 Cross Section -100.0 To 9999. %

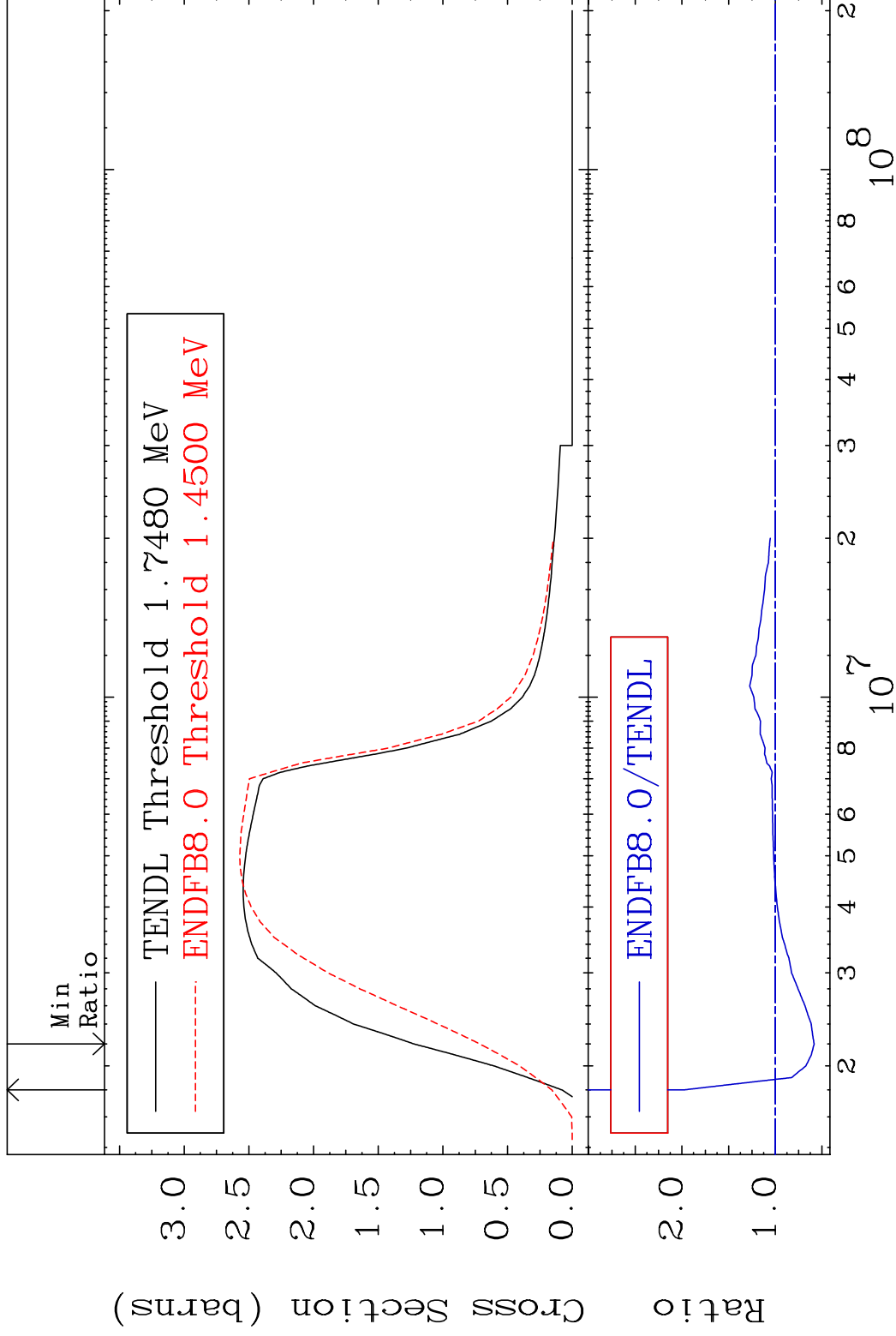


MAT 7049

(n, n') Continuum

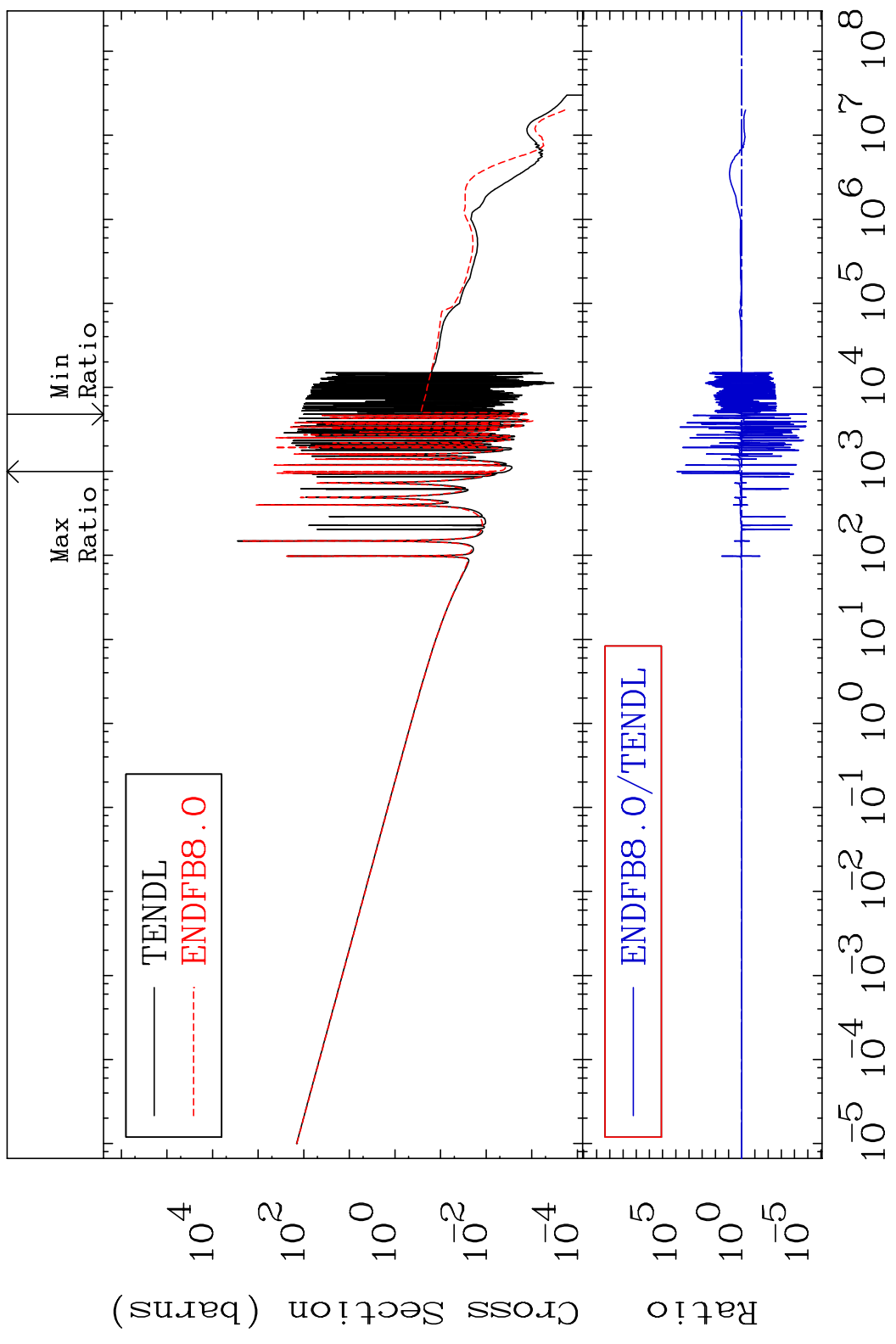
70-Yb-176

Cross Section -41.57 To 98.18 %



MAT 7049

(n,  $\gamma$ )  
Cross Section -100.0 To 9999. %  
70-Yb-176



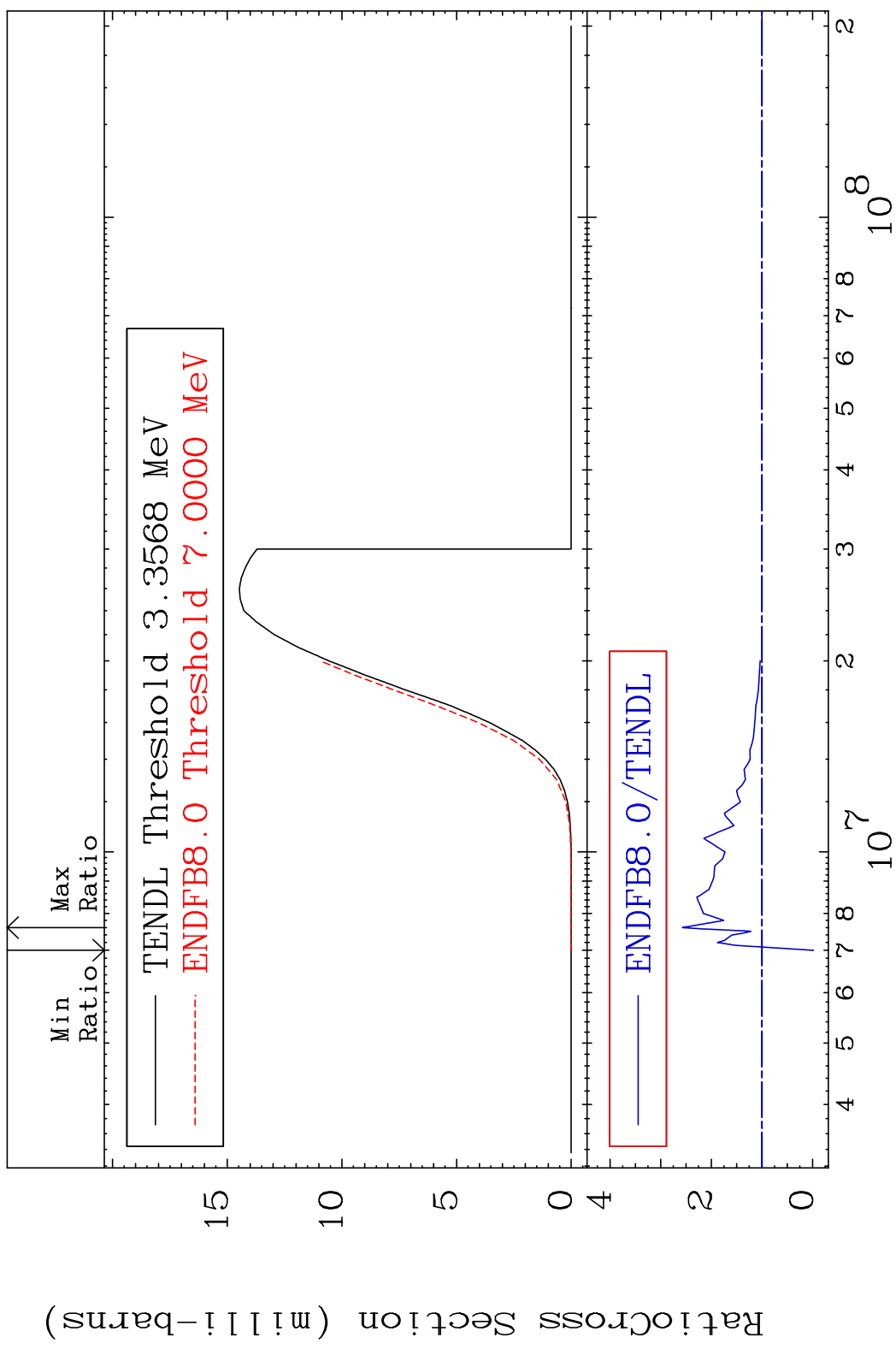


MAT 7049

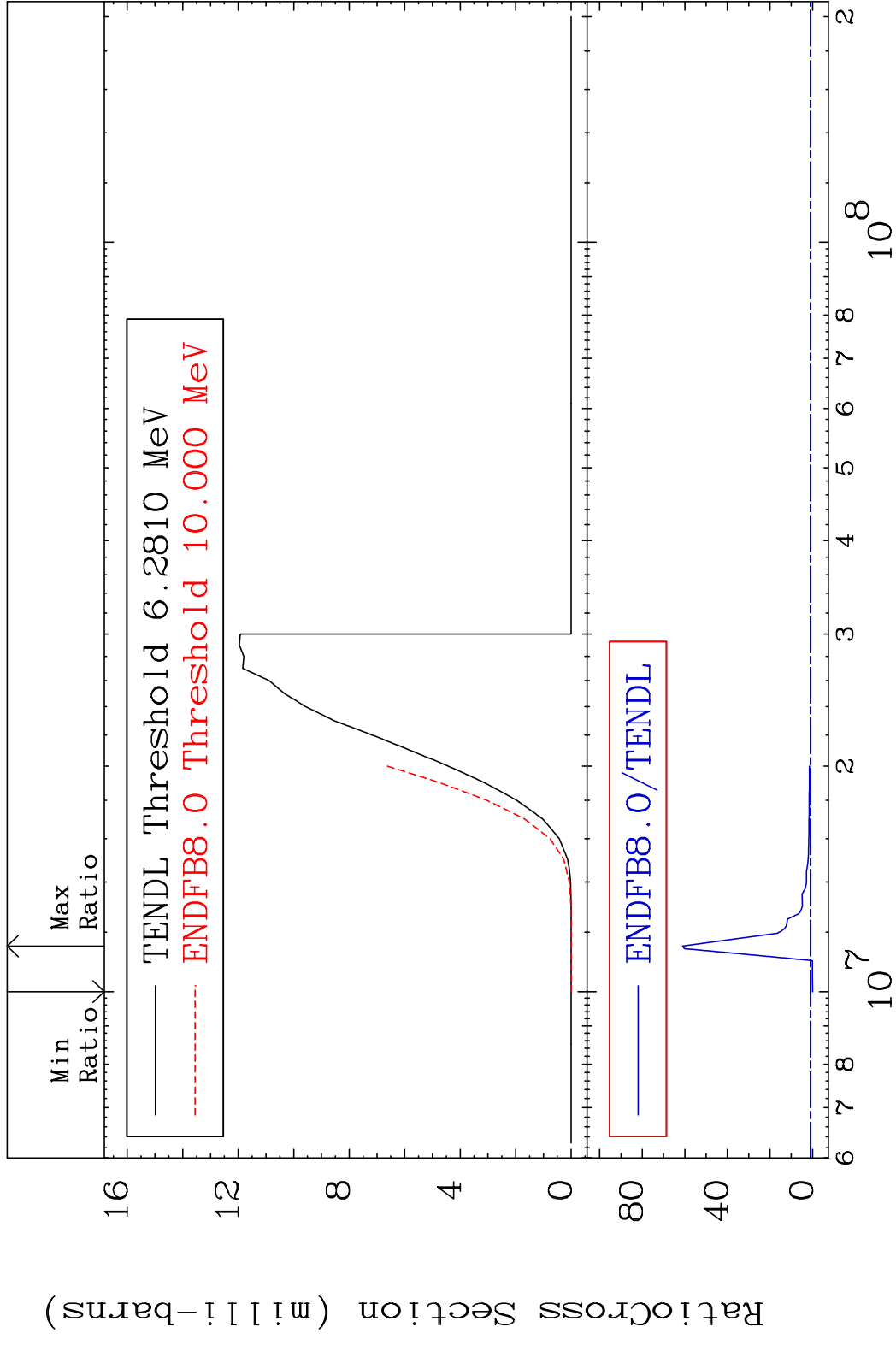
(n,p)

70-Yb-176

Cross Section -100.0 To 157.2 %



MAT 7049 (n,d) 70-Yb-176  
 Cross Section -100.0 To 6017. %

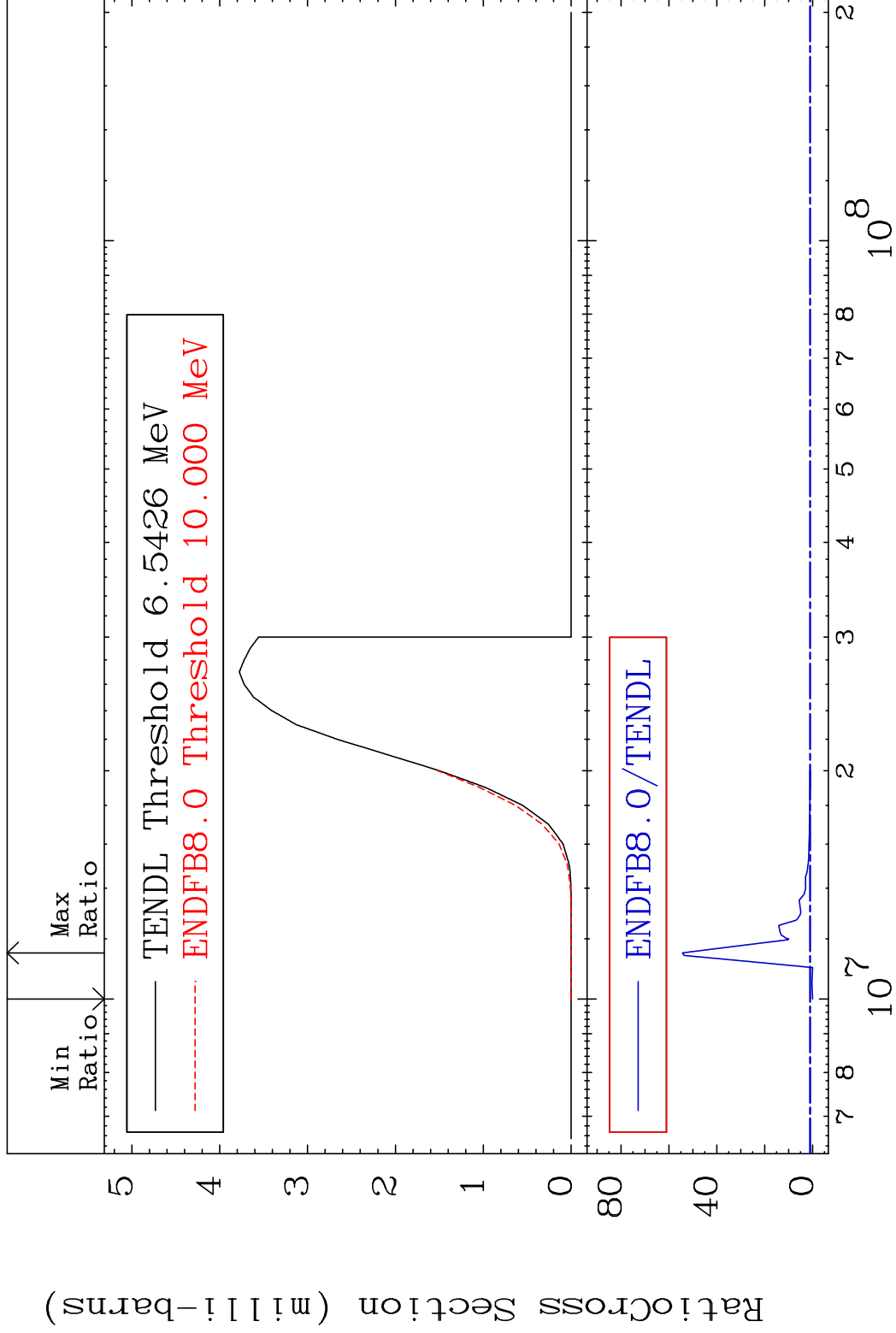


MAT 7049

(n, t)

70-Yb-176

Cross Section -100.0 To 5337. %

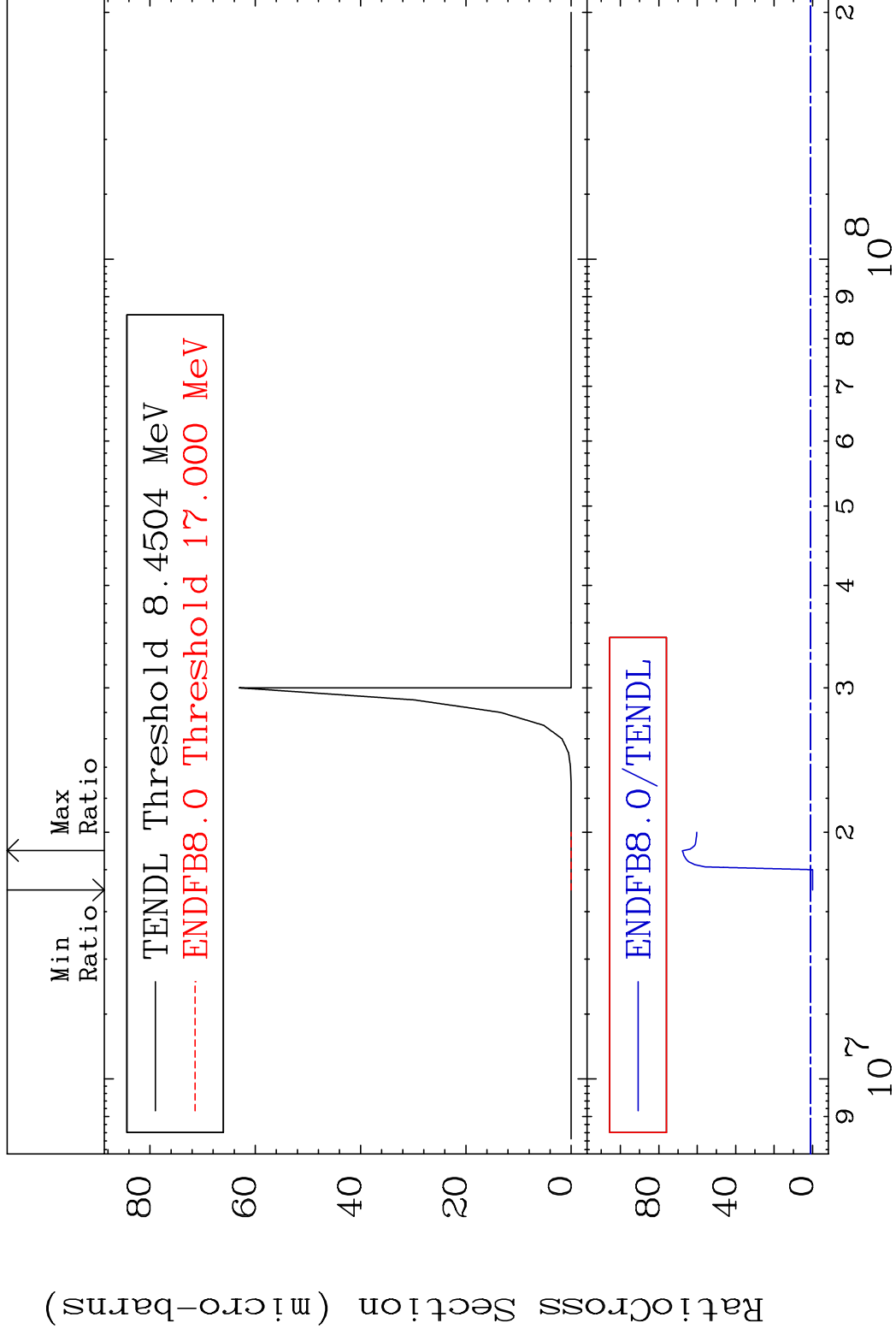


MAT 7049

(n, He-3)

70-Yb-176

Cross Section -100.0 To 6675. %



27

Incident Energy (eV)

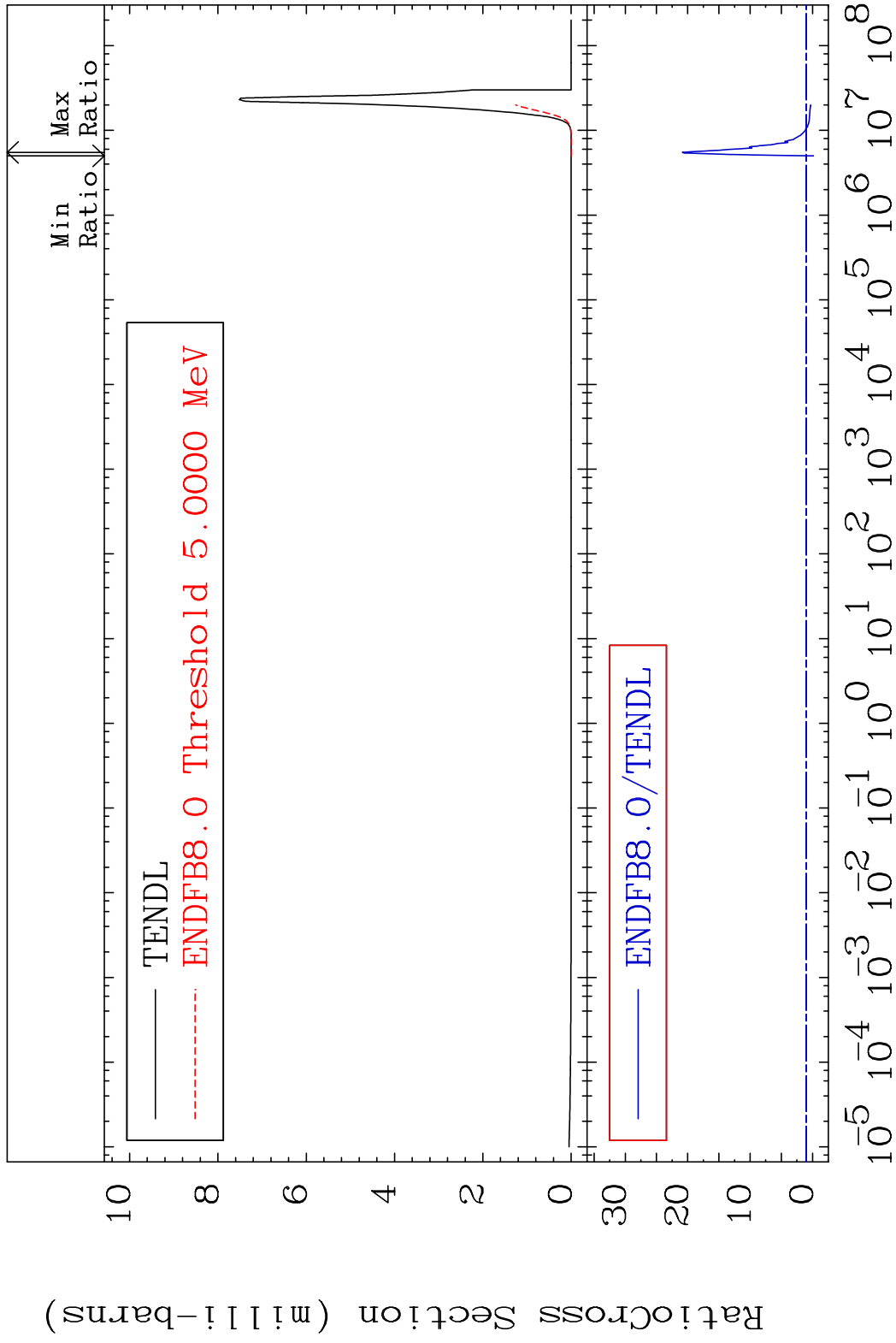
70-Yb-176

MAT 7049

(n,  $\alpha$ )

70-Yb-176

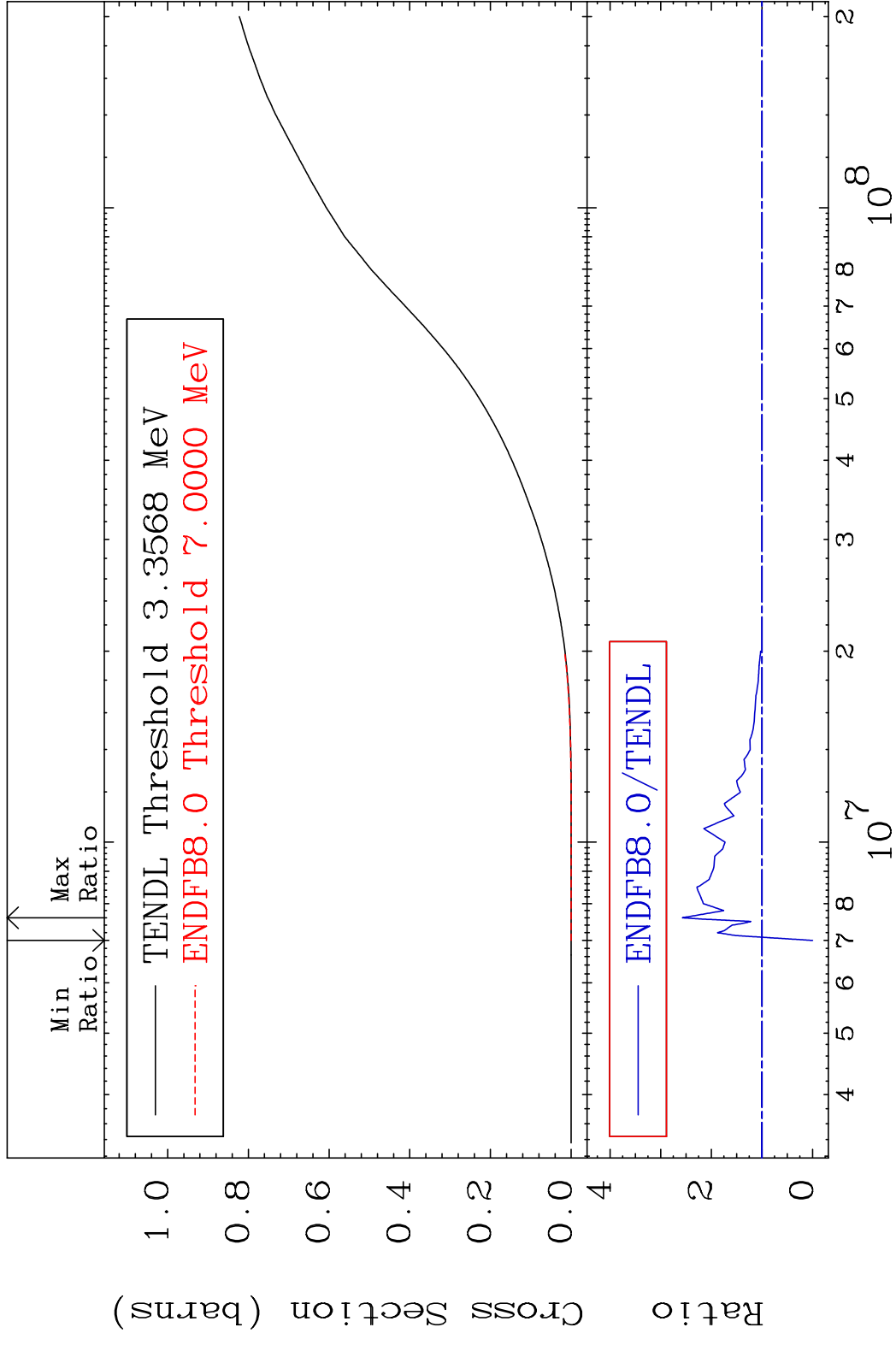
Cross Section -100.0 To 1986. %



28

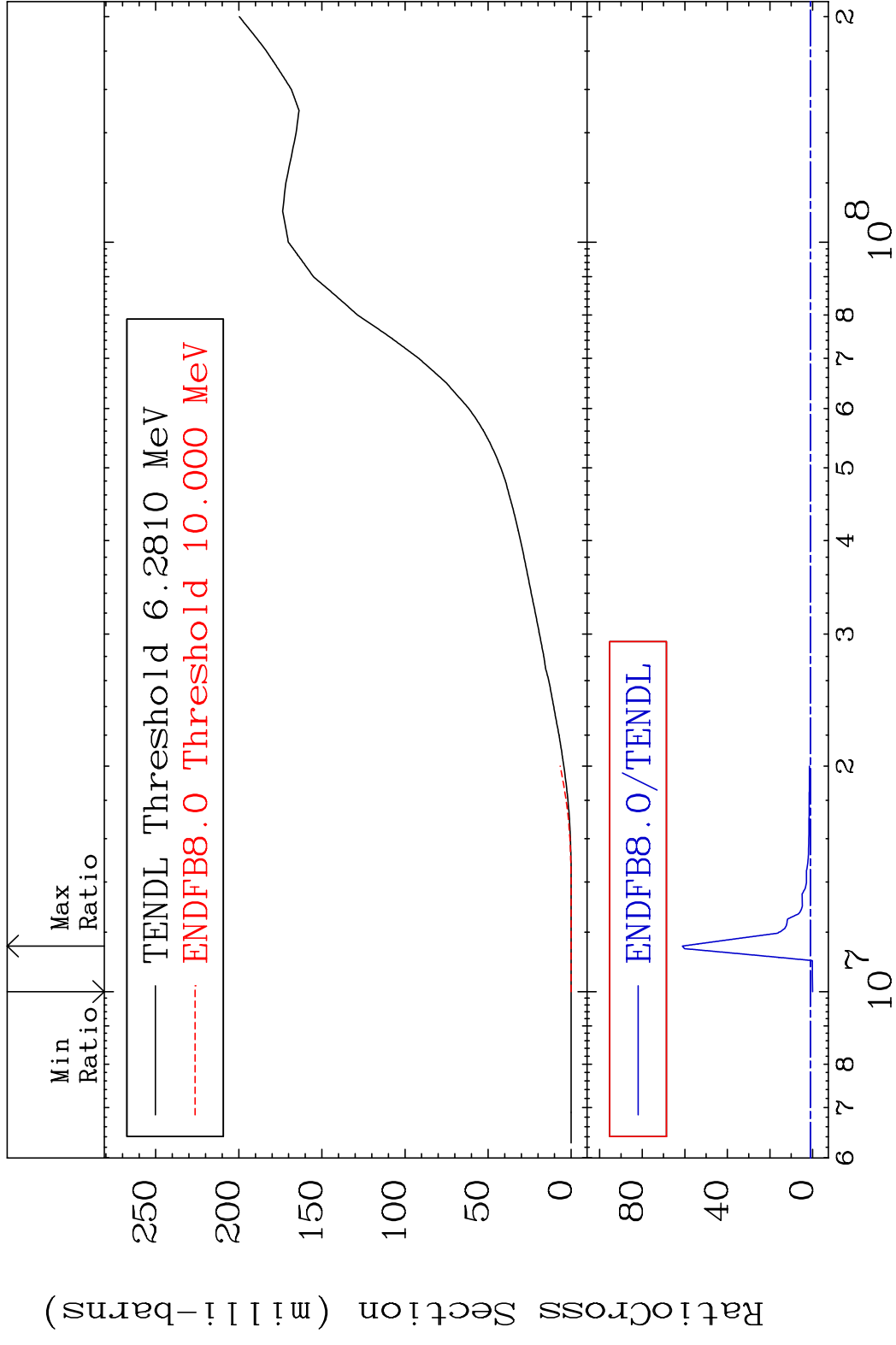
Incident Energy (eV)

70-Yb-176



MAT 7049

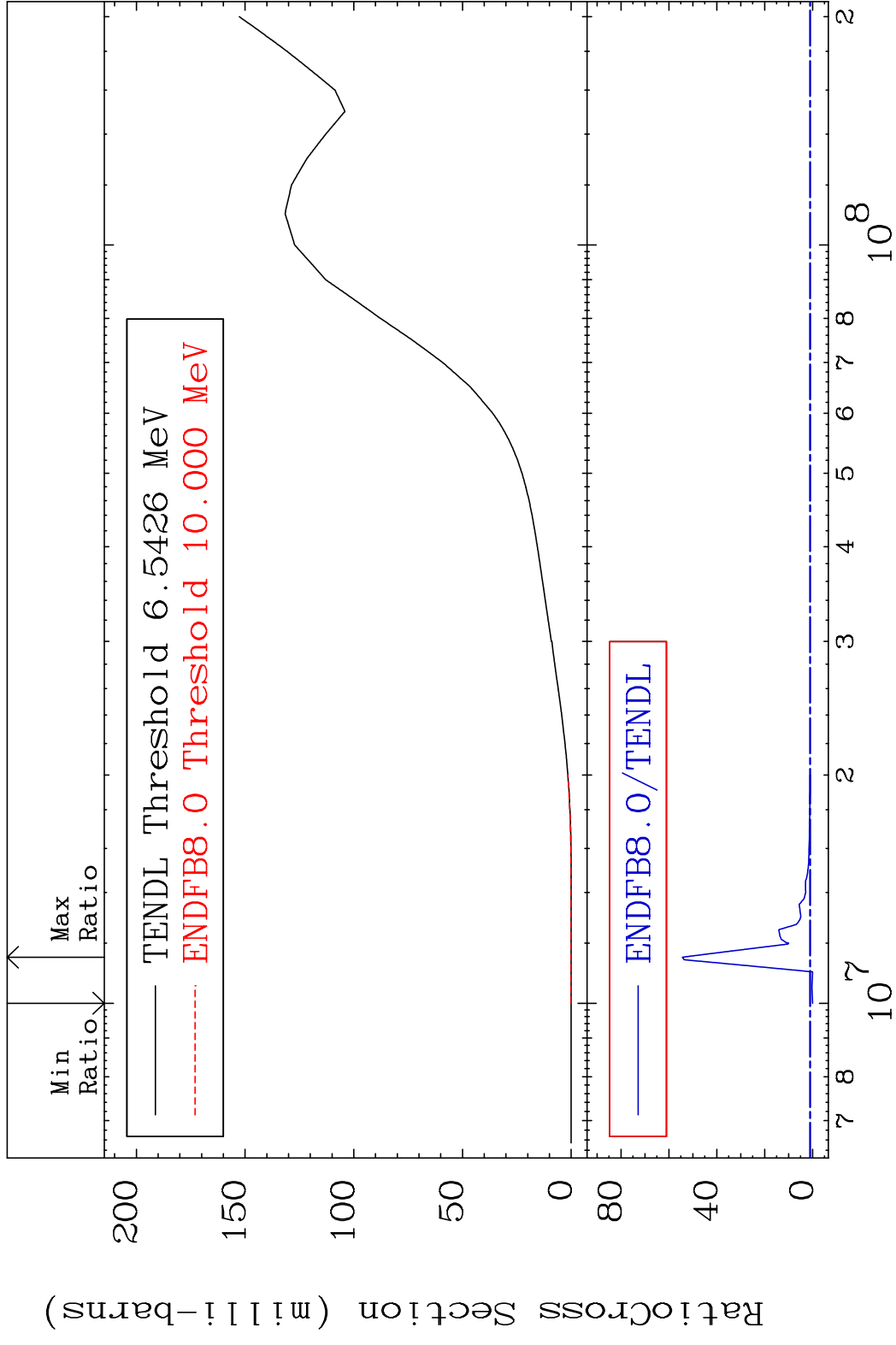
Deuterium Production 70-Yb-176  
Cross Section -100.0 To 6017. %



30

Incident Energy (eV)

70-Yb-176



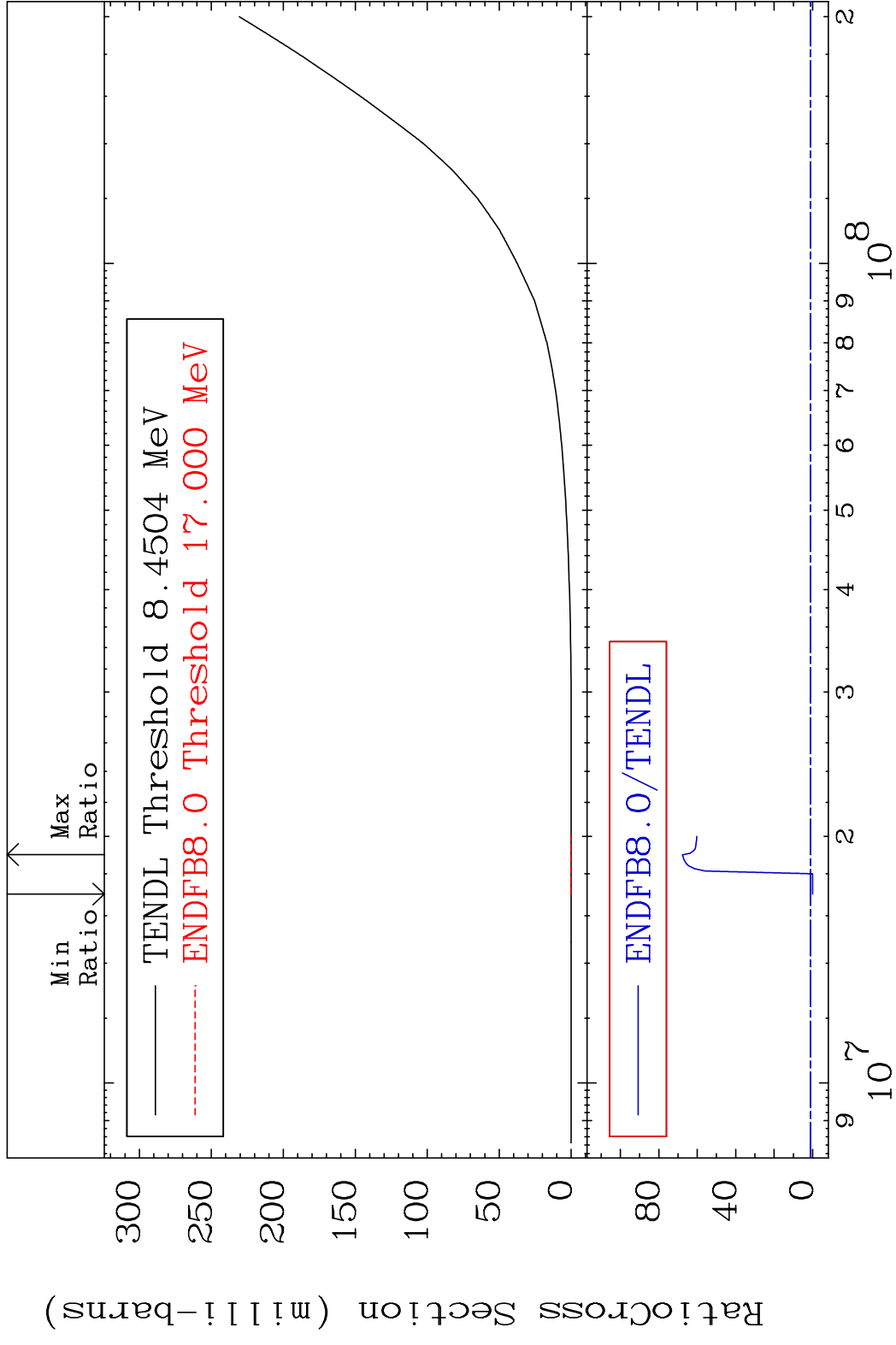


MAT 7049

He-3 Production

70-Yb-176

Cross Section -100.0 To 6675. %



32

Incident Energy (eV)

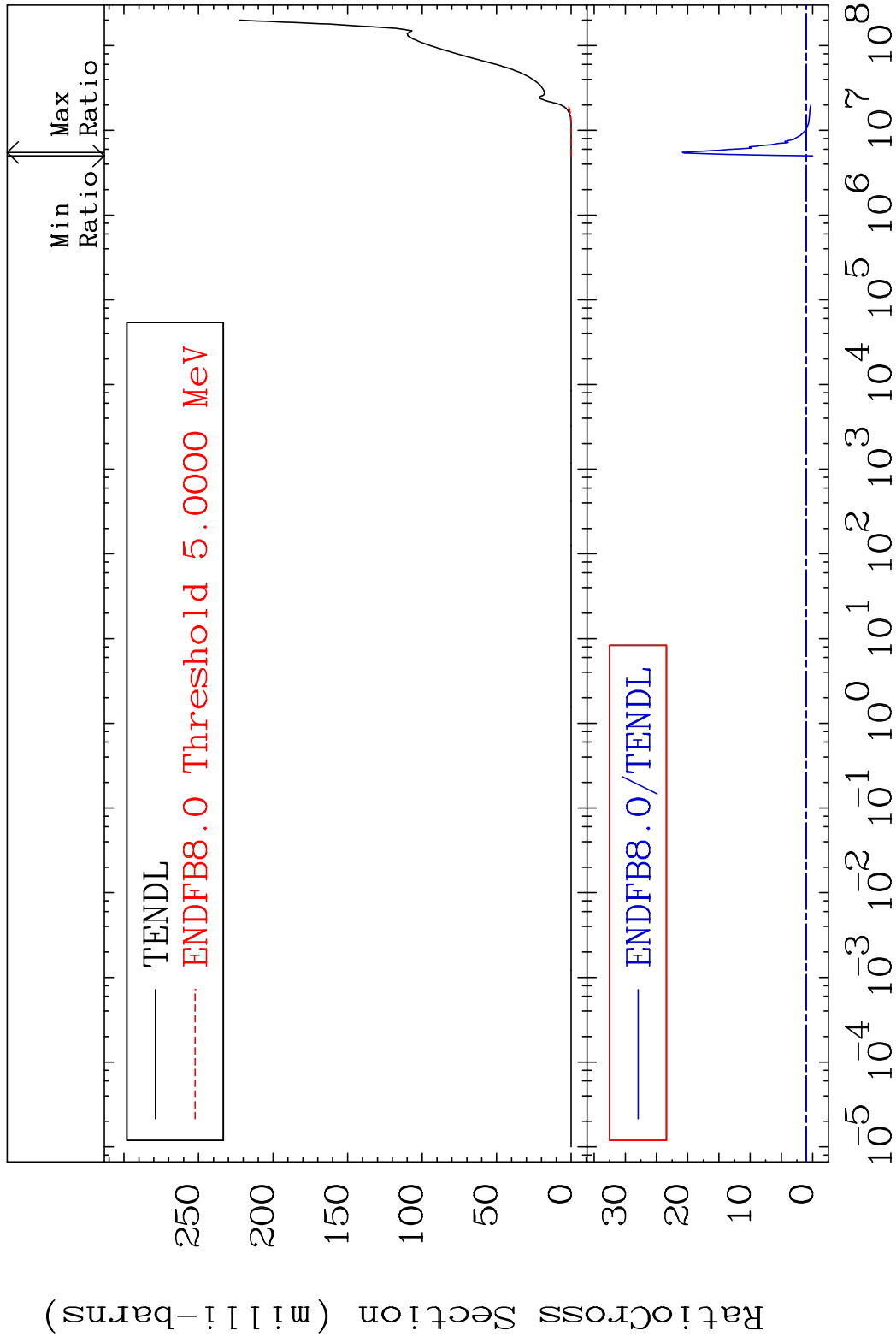
70-Yb-176

MAT 7049

He-4 Production

70-Yb-176

Cross Section -100.0 To 1986. %

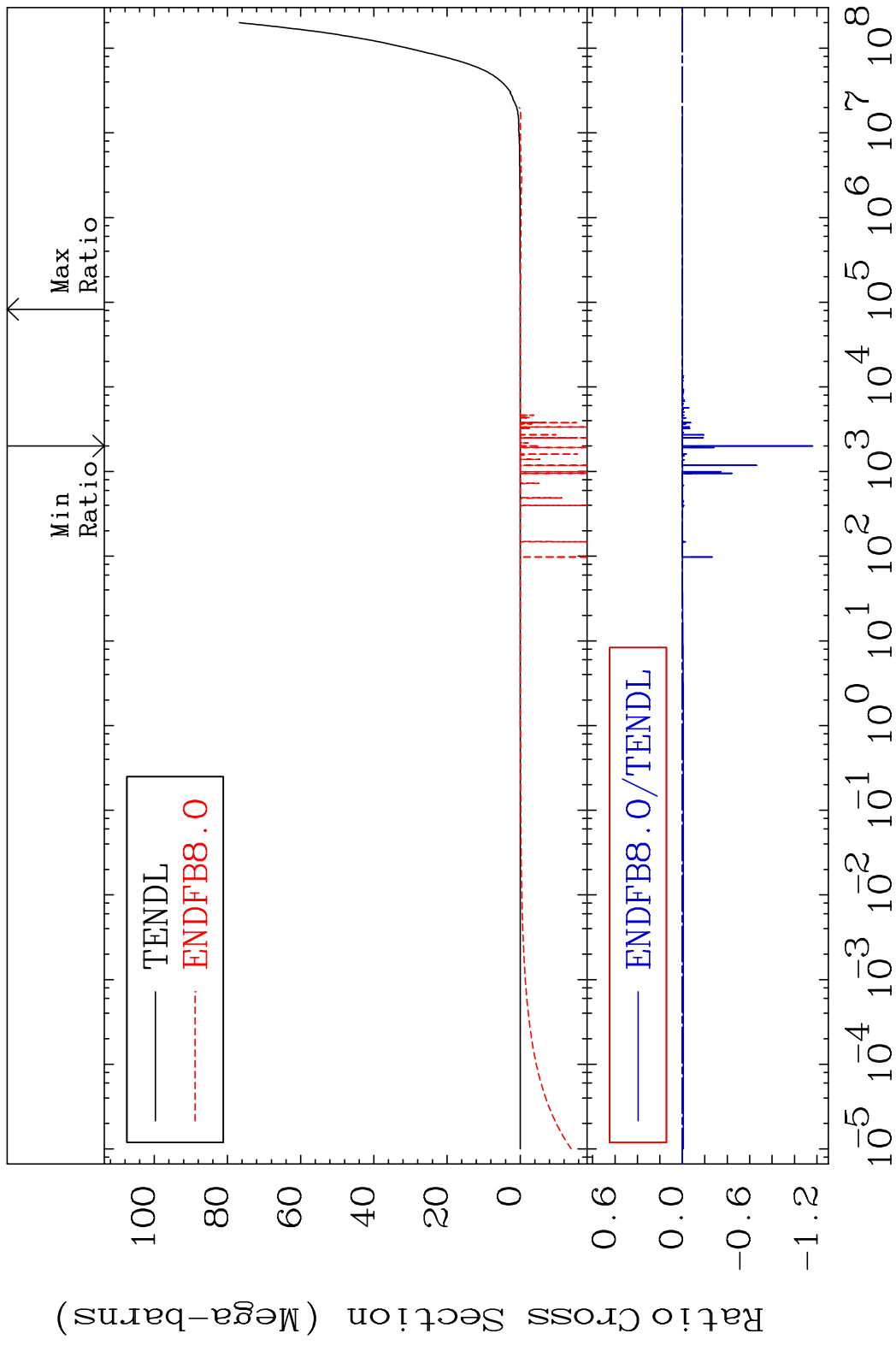


33

Incident Energy (eV)

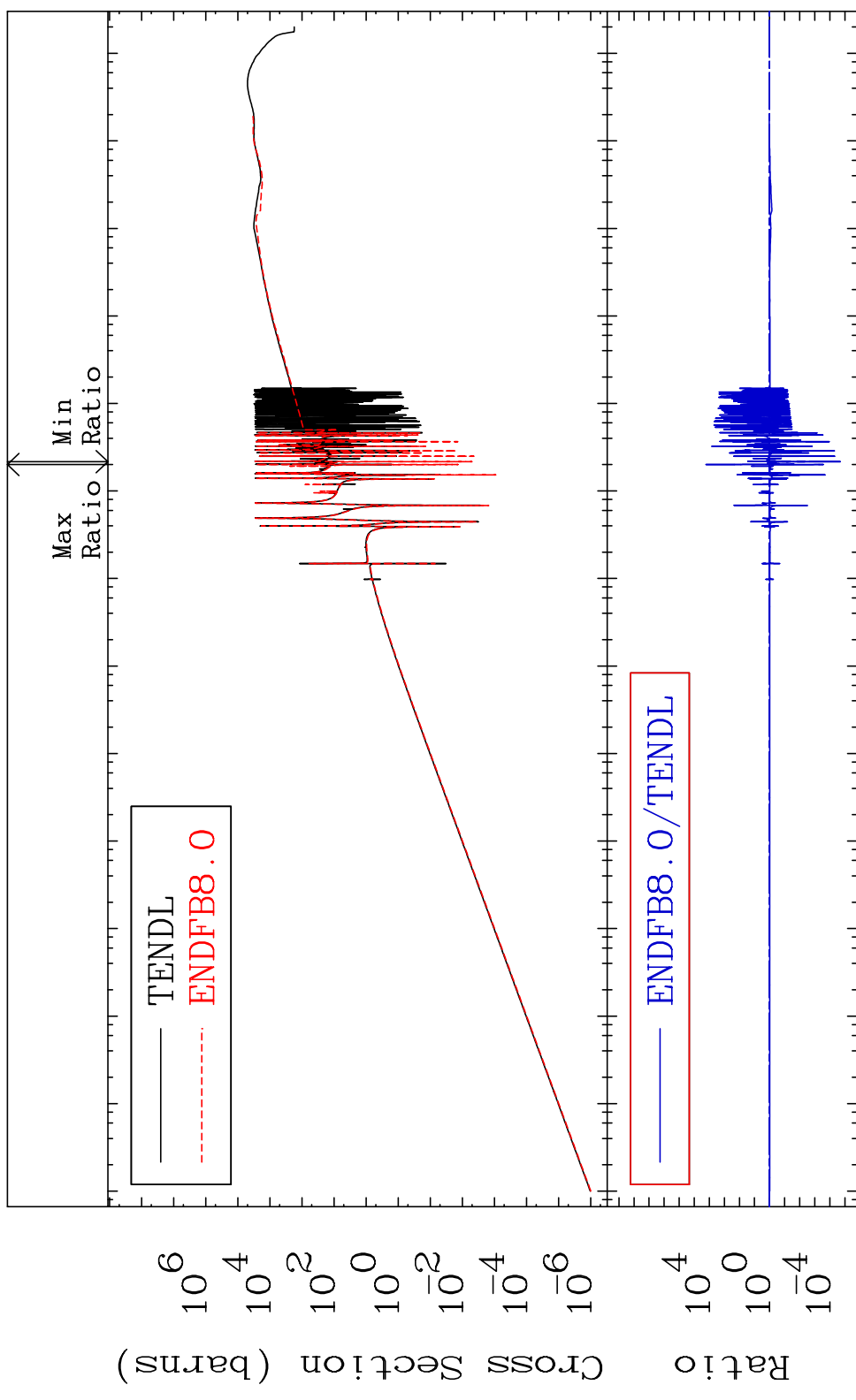
70-Yb-176

MAT 7049 Kerma total (eV-barns) 70-Yb-176  
 Cross Section -9999. To 1108. %

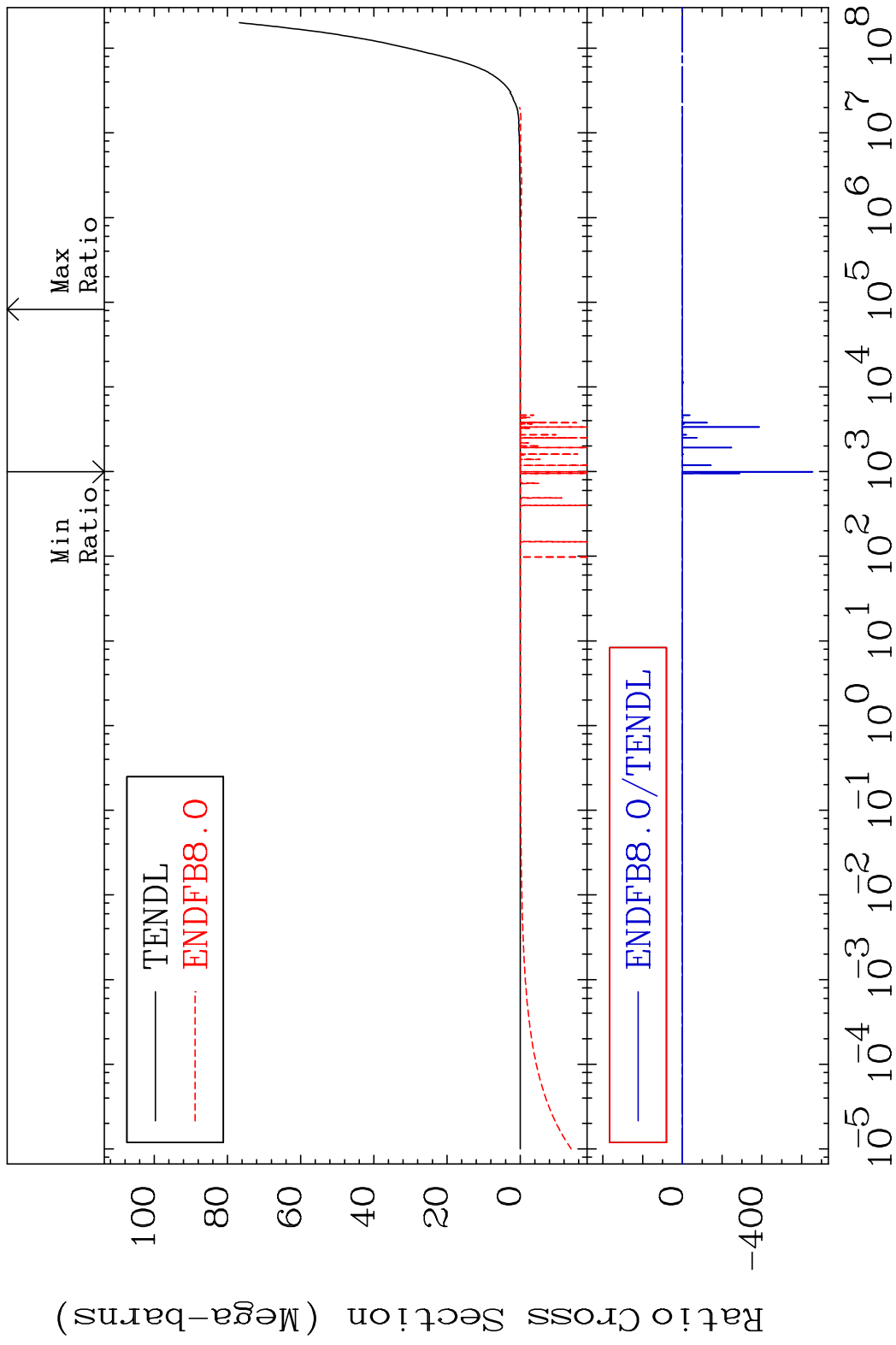


MAT 7049

Kerma elastic Cross Section -100.0 To 9999. %  
70-Yb-176

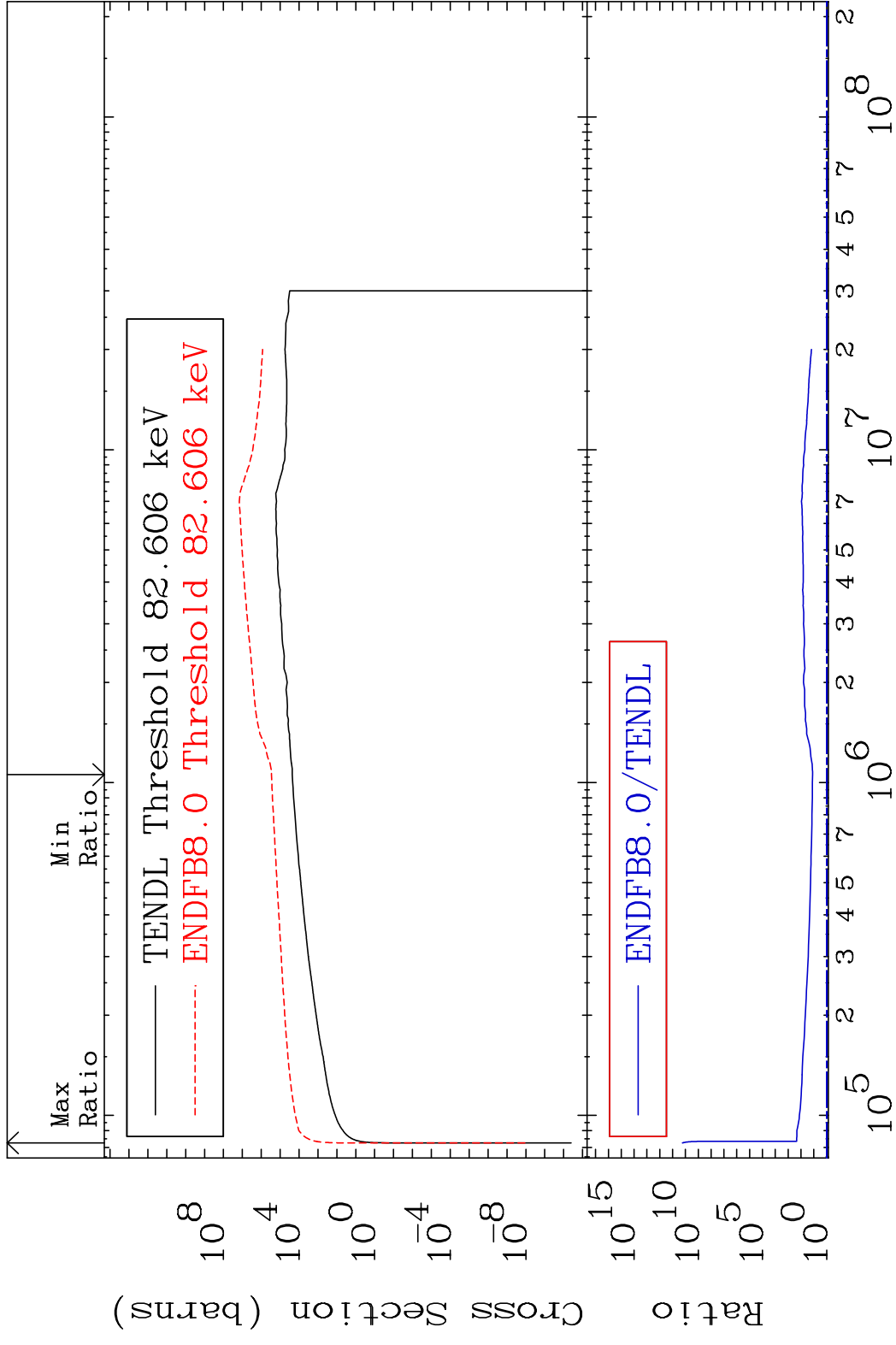


MAT 7049 Kerma non-elastic (all but mt2) 70-Yb-176  
 Cross Section -9999. To 9999. %

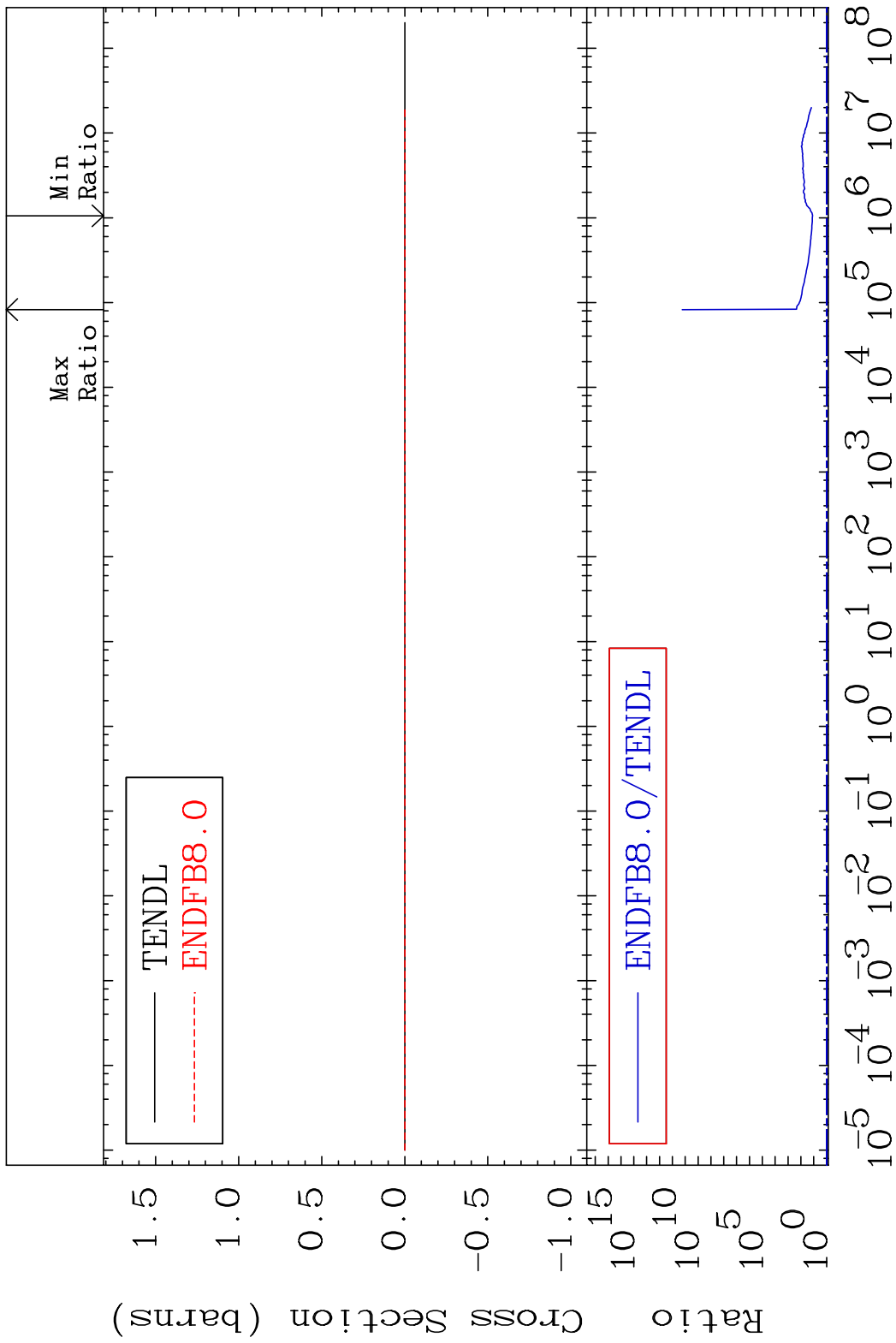


36 Incident Energy (eV) 70-Yb-176

MAT 7049 Kerma inelastic (mt51-91) 70-Yb-176  
 Cross Section 1149. To 9999. %

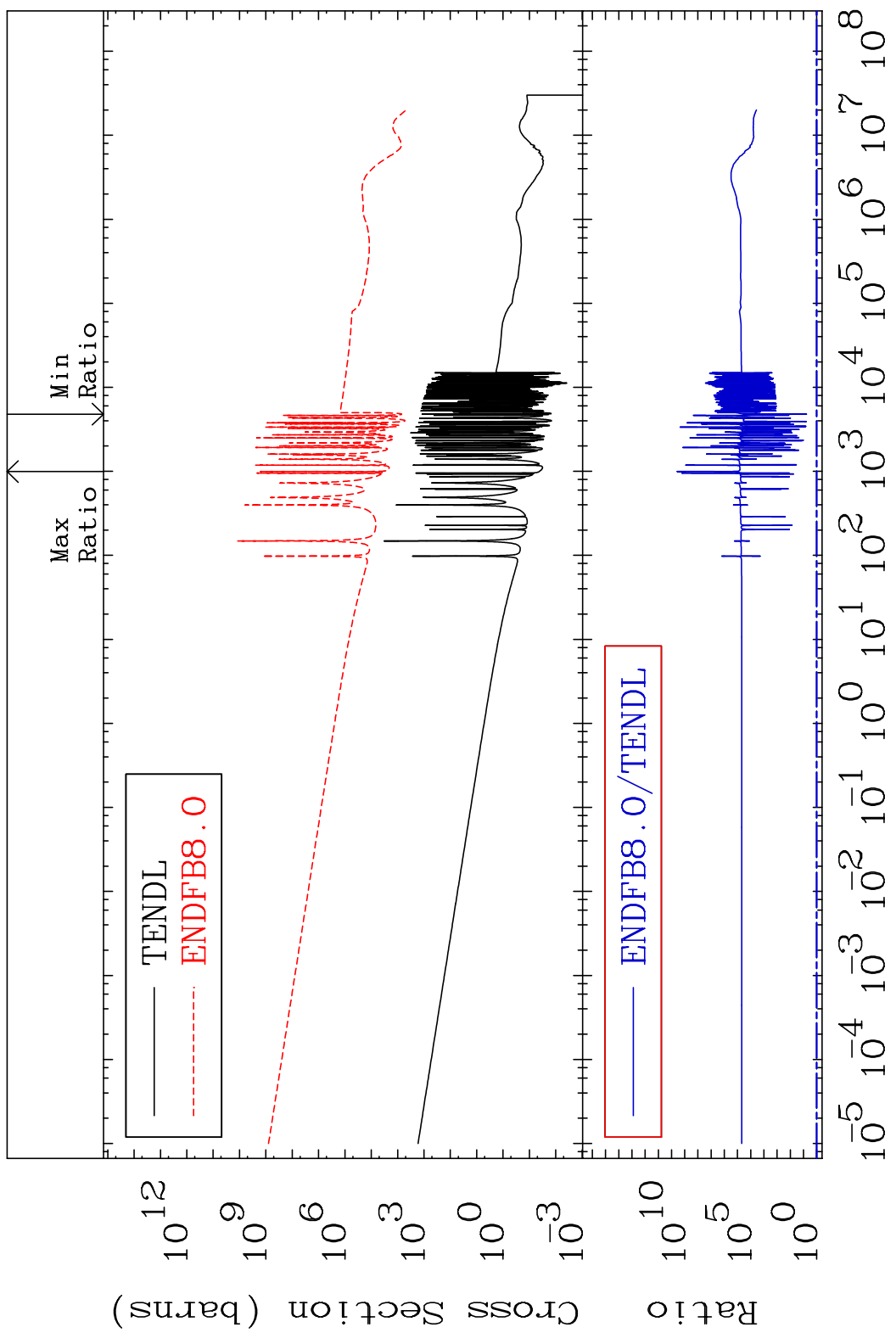


MAT 7049 Kerma fission (mt18 or mt19-20-21-38) 70-Yb-176  
 Cross Section 1149. To 9999. %



MAT 7049

Kerma capture (mt102) 70-Yb-176  
Cross Section 499.4 To 9999. %

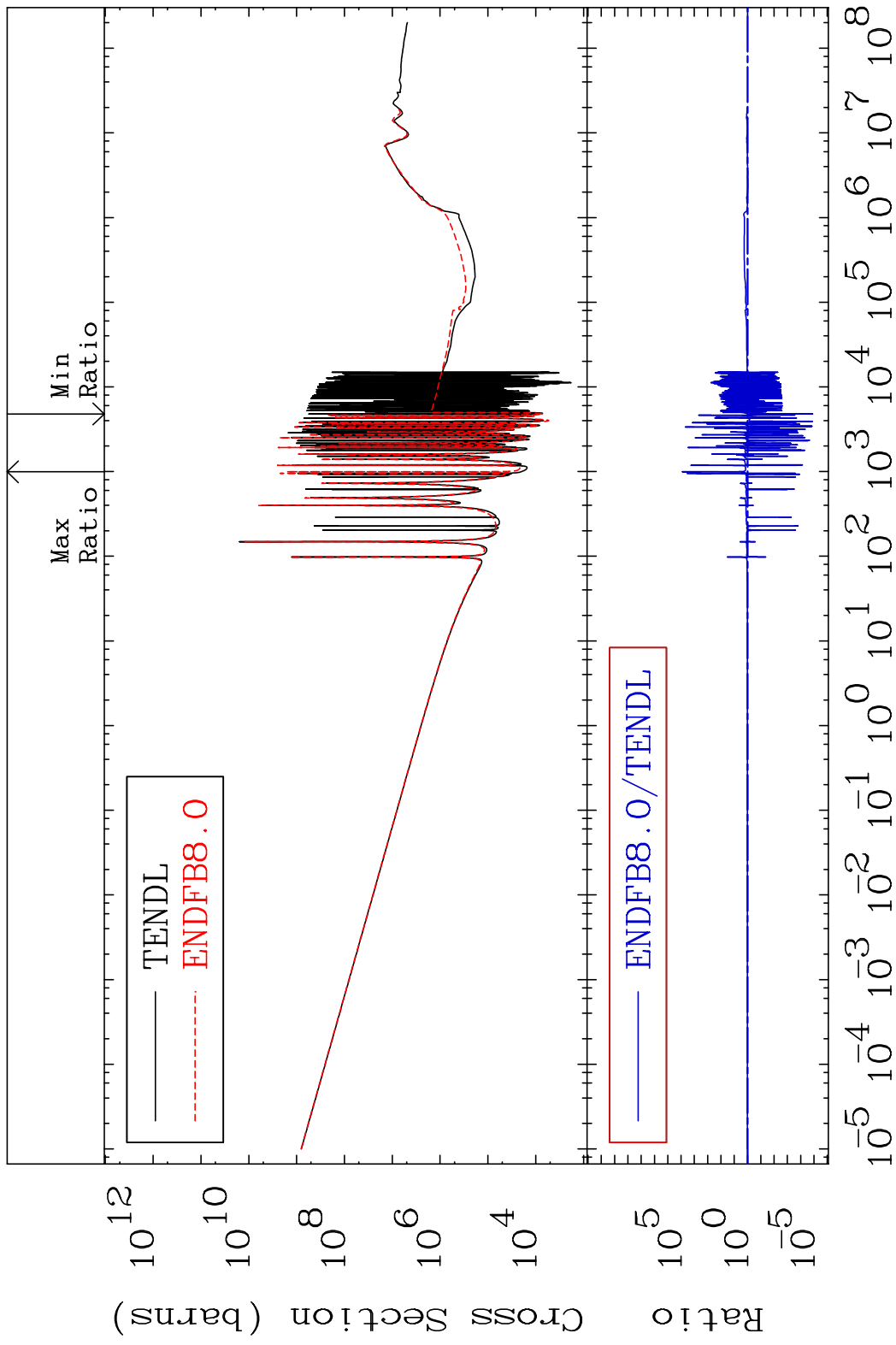


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Incident Energy (eV) 70-Yb-176

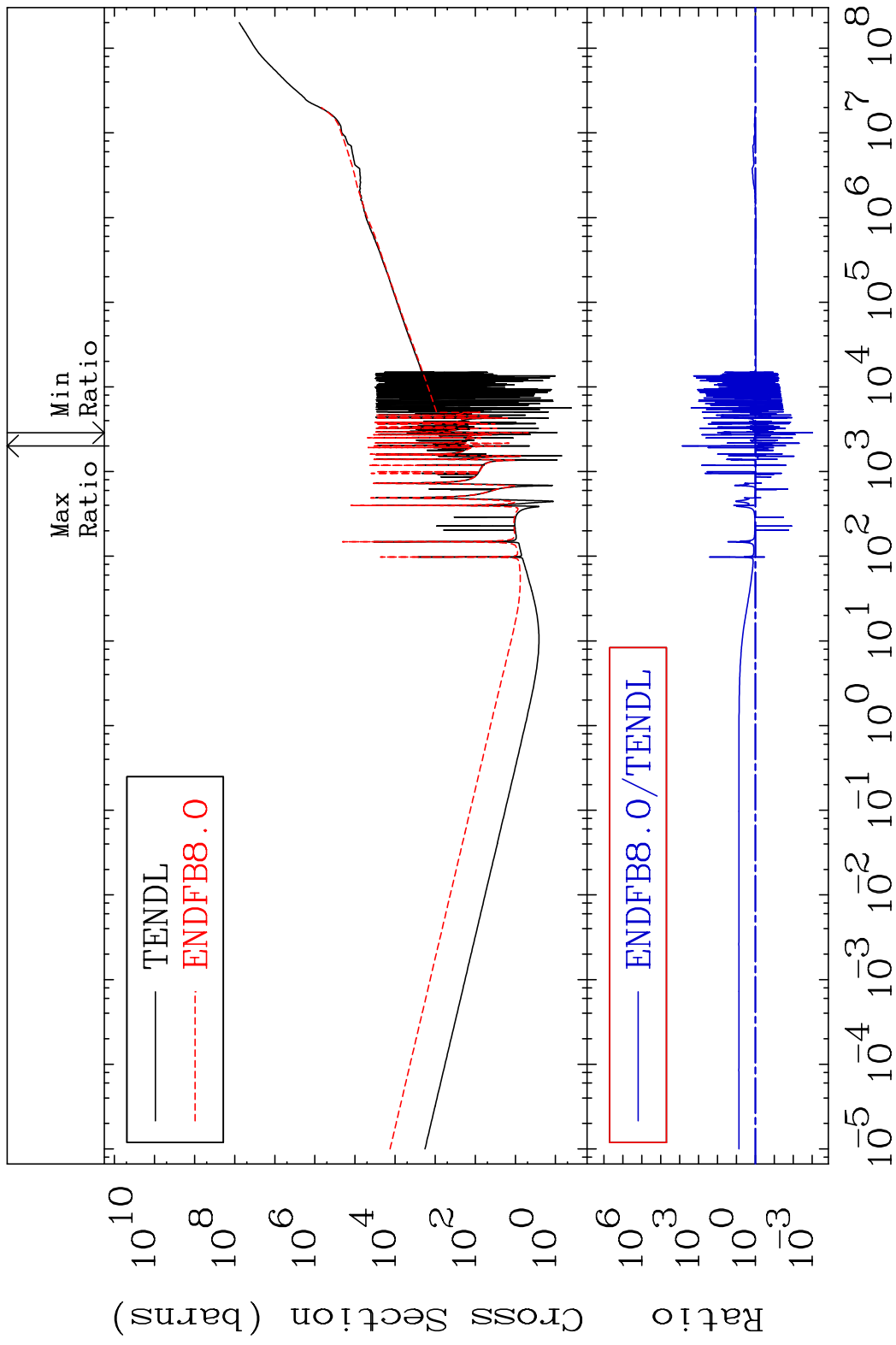


MAT 7049 Total photon (eV-barns) 70-Yb-176  
Cross Section -100.0 To 9999. %



40 Incident Energy (eV) 70-Yb-176

MAT 7049 Total kinematic kerma (high limit) 70-Yb-176  
 Cross Section -99.91 To 9999. %

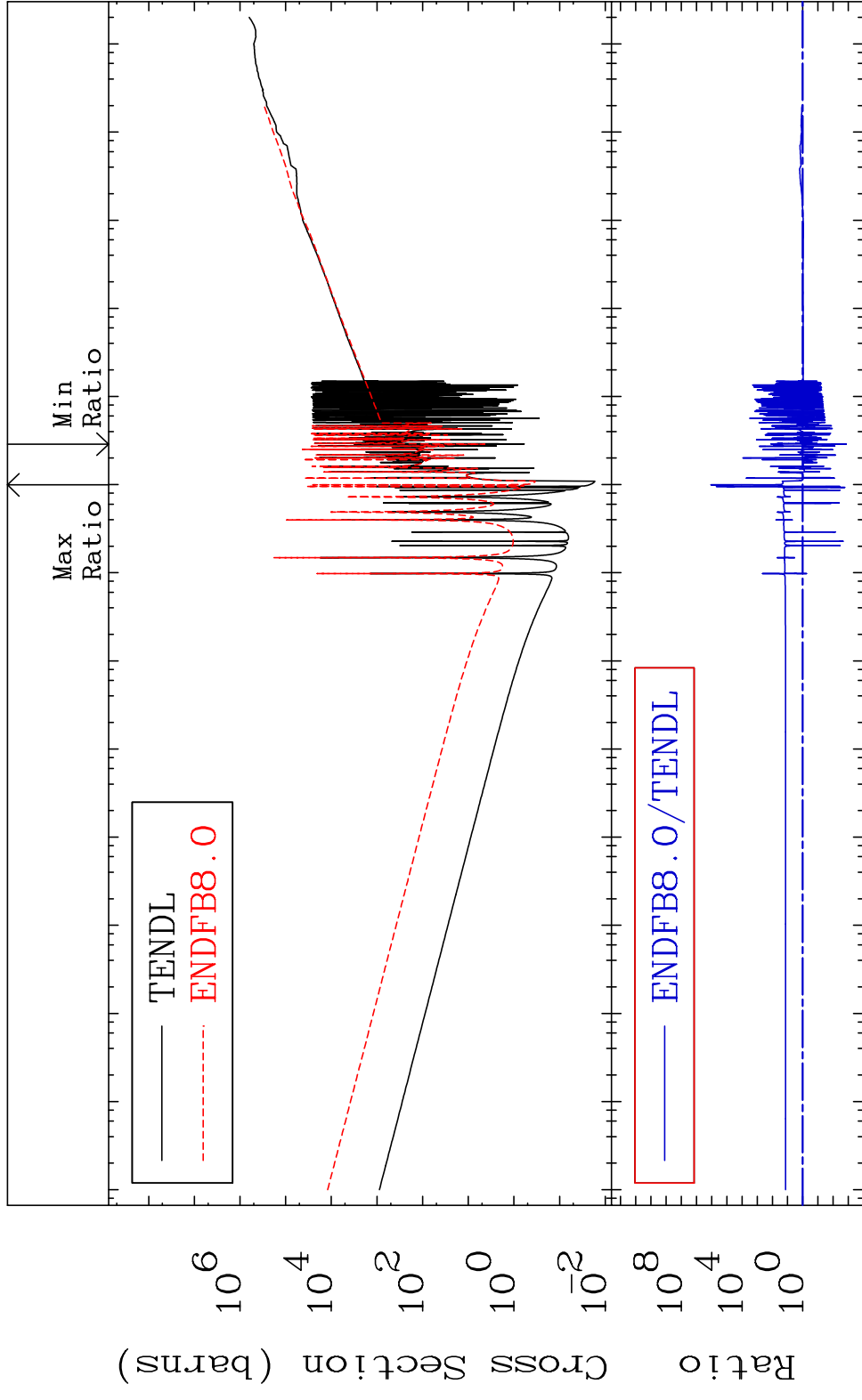


MAT 7049

Dpa total (eV-barns)

70-Yb-176

Cross Section -99.86 To 9999. %

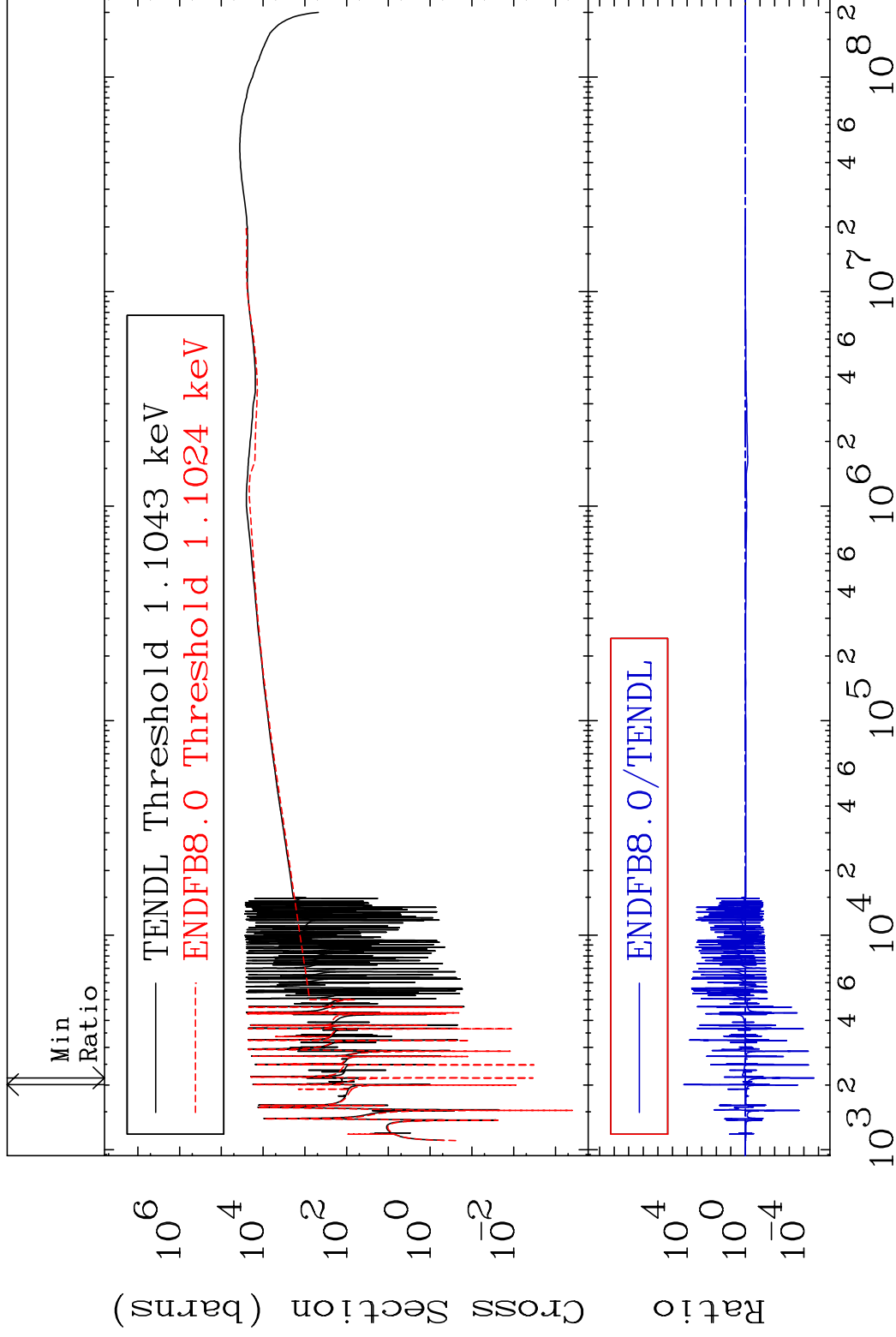


MAT 7049

Dpa elastic (mt2)

70-Yb-176

Cross Section -100.0 To 9999. %

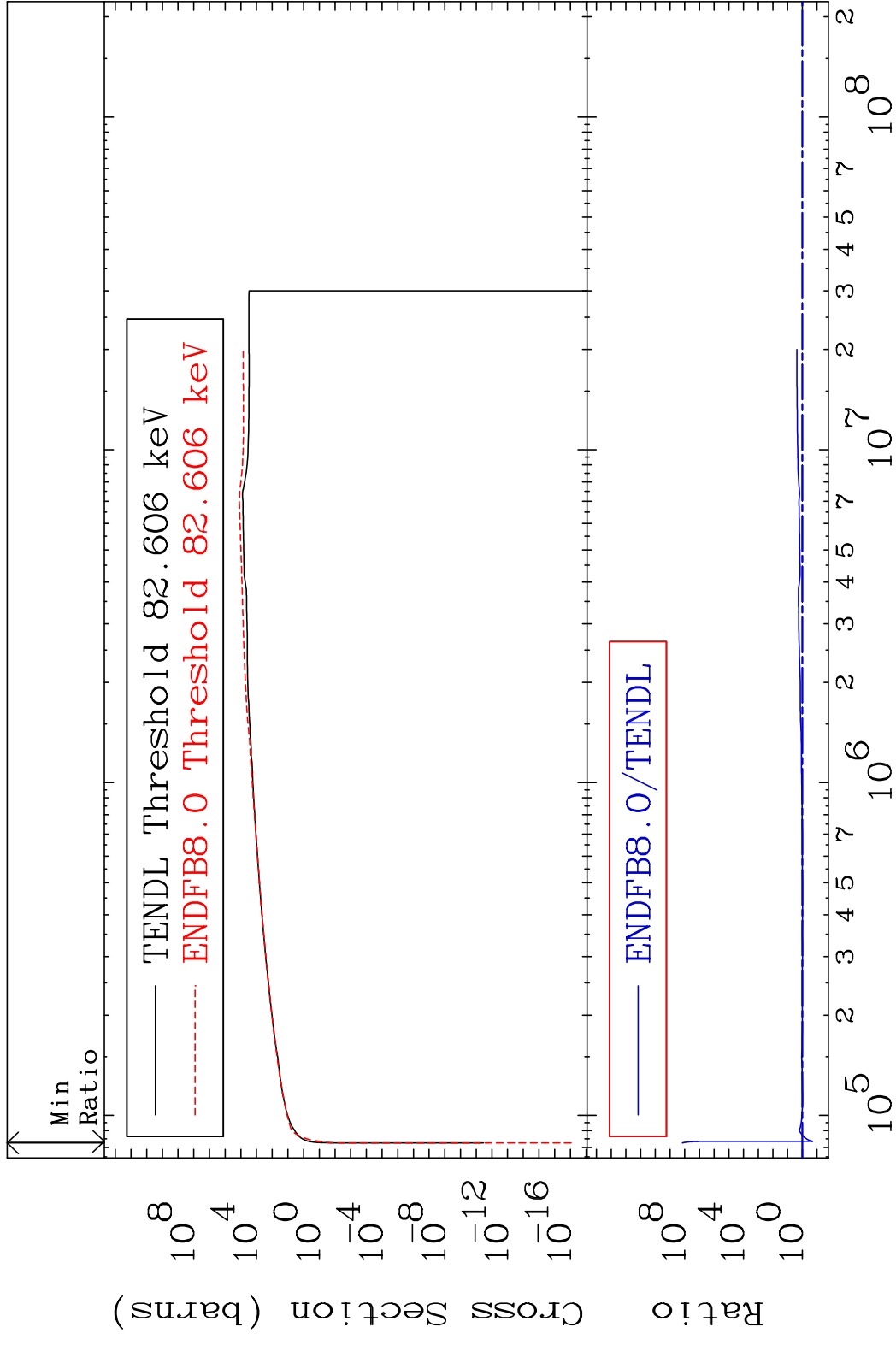


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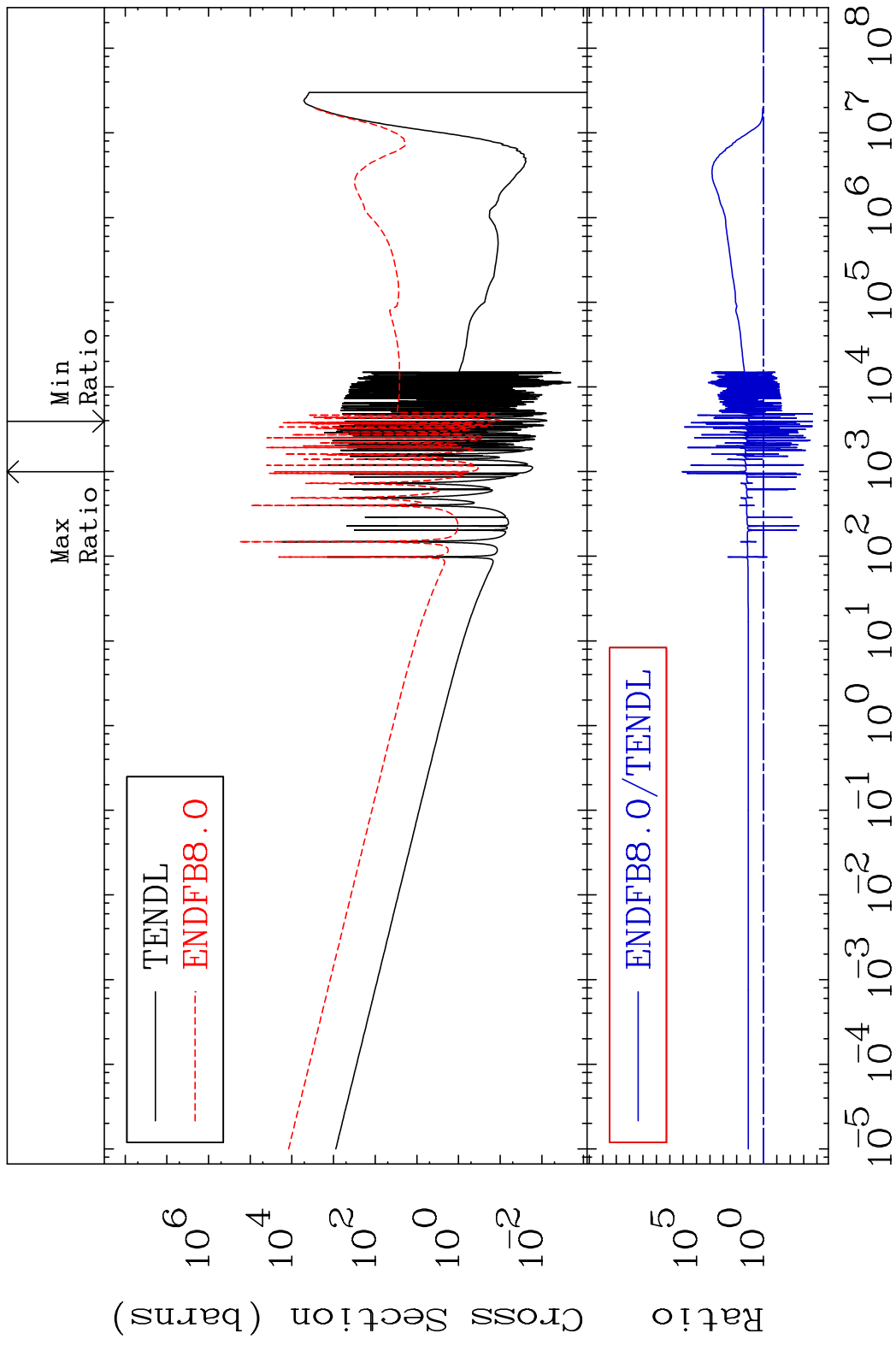
Incident Energy (eV)

70-Yb-176

MAT 7049      Dpa inelastic (mt51-91)      70-Yb-176  
 Cross Section      -79.88 To 9999. %



MAT 7049 Dpa disappearance (mt102 -120) 70-Yb-176  
 Cross Section -99.98 To 9999. %



45 Incident Energy (eV) 70-Yb-176