

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

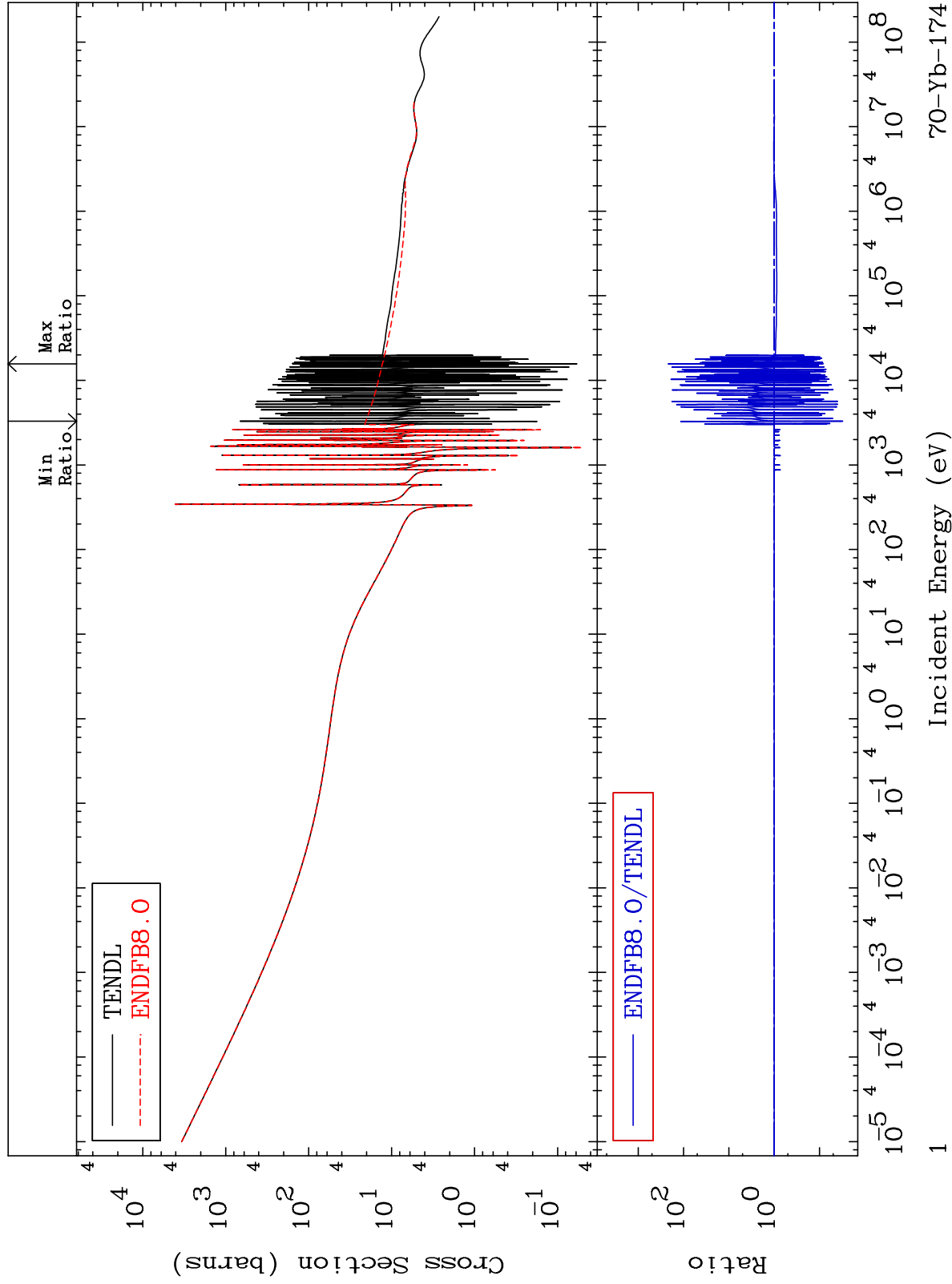
MAT 7043

Total

70-Yb-174

Cross Section

-96.95 To 9999. %

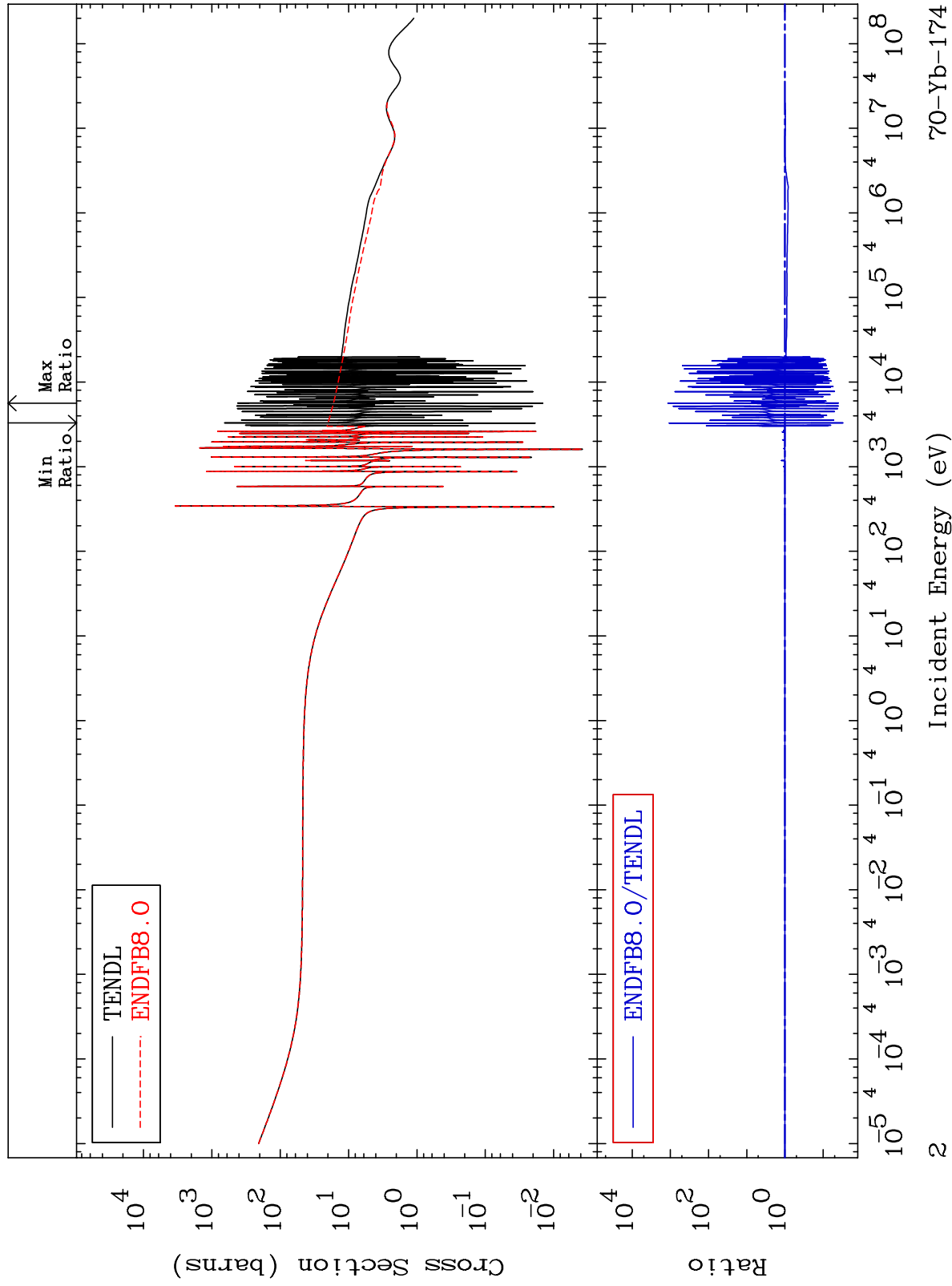


70-Yb-174

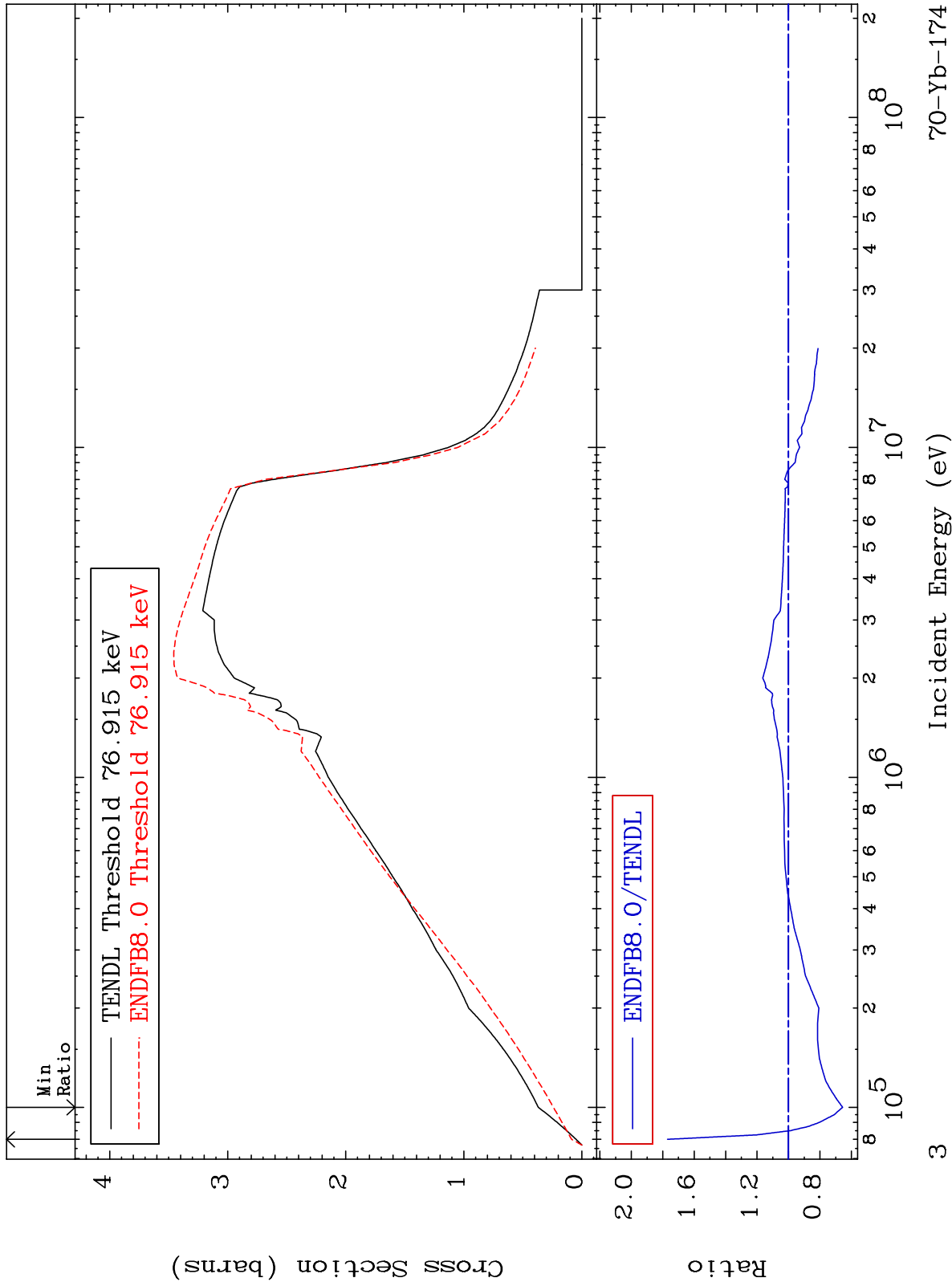
MAT 7043

Elastic  
Cross Section

70-Yb-174  
-96.96 To 9999. %



MAT 7043 Inelastic Cross Section 70-Yb-174 -34.45 To 76.96 %



70-Yb-174

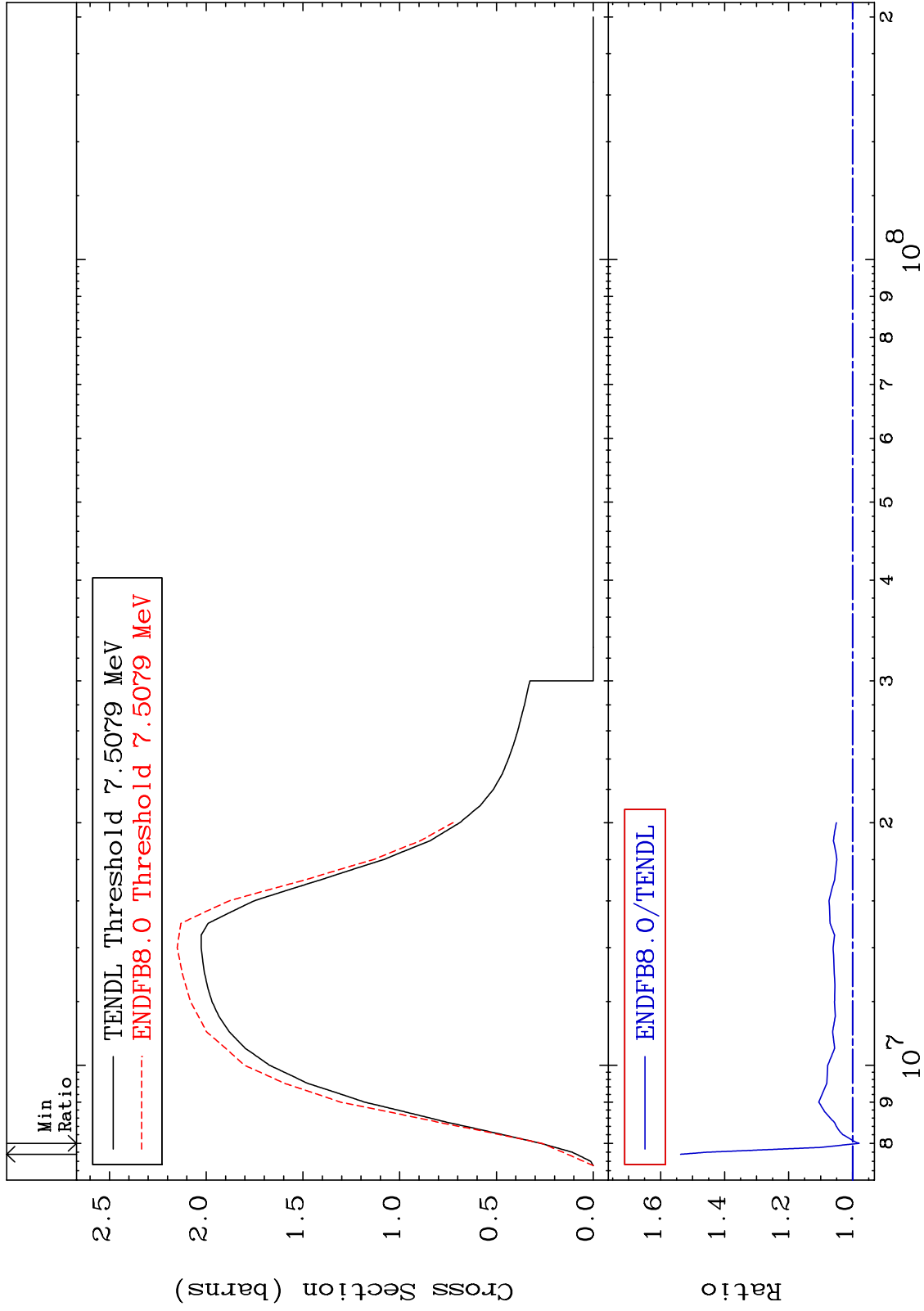
MAT 7043

(n,2n)

70-Yb-174

Cross Section

-2.038 To 53.75 %



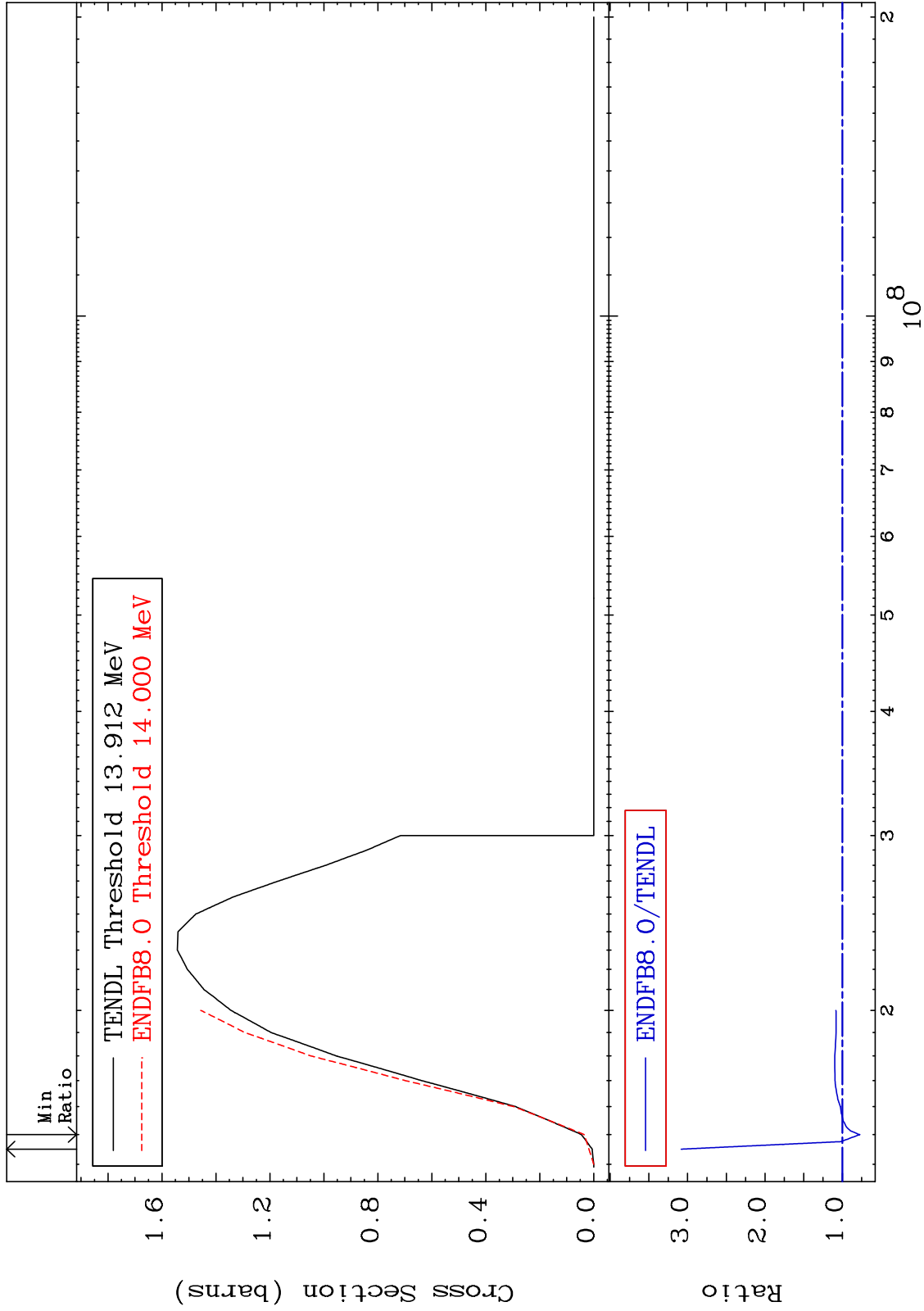
MAT 7043

(n, 3n)

70-Yb-174

Cross Section

-22.68 To 208.2 %



5

Incident Energy (eV)

70-Yb-174

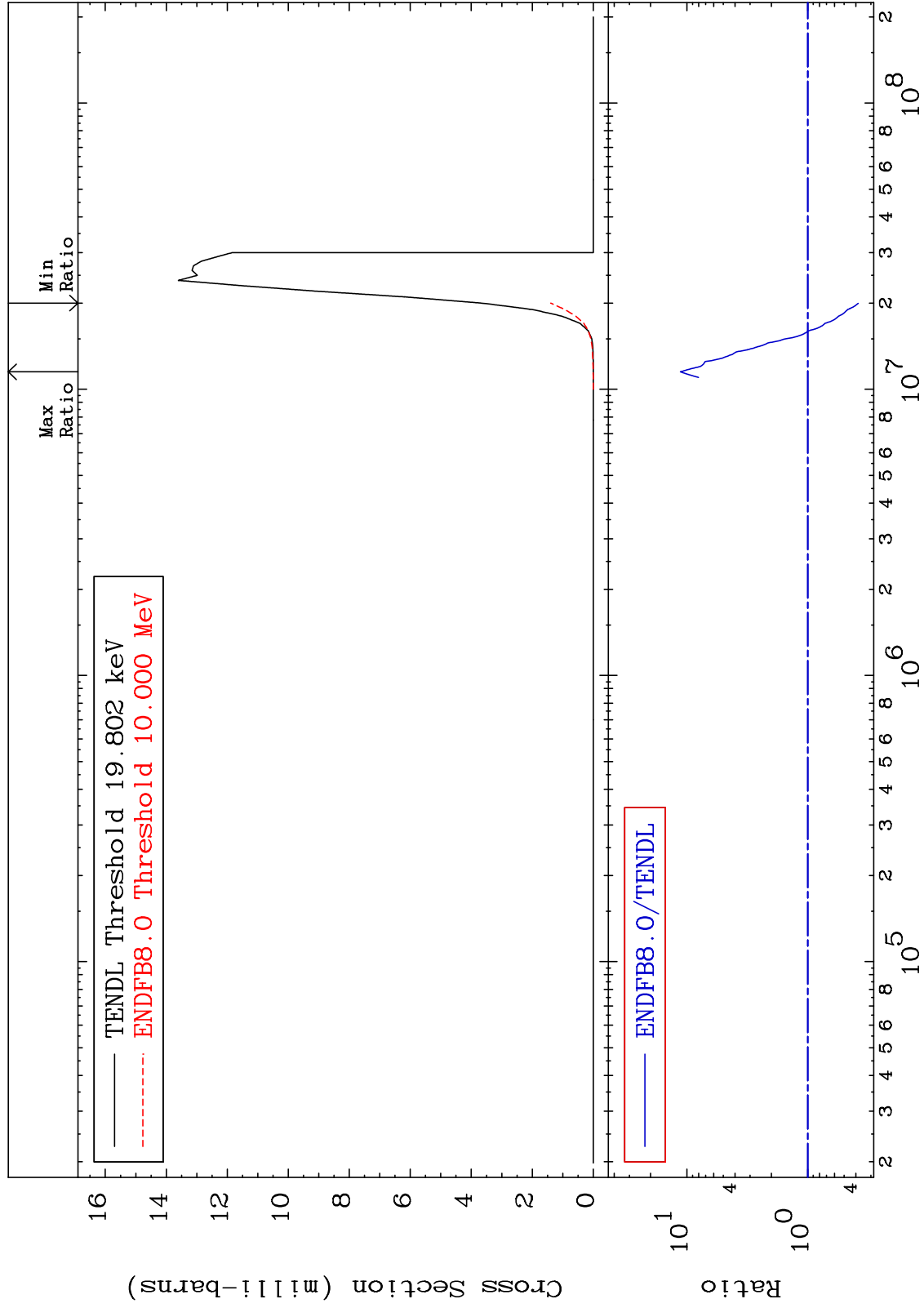
MAT 7043

(n,n')  $\alpha$

Cross Section

70-Yb-174

-62.01 To 1033. %



6

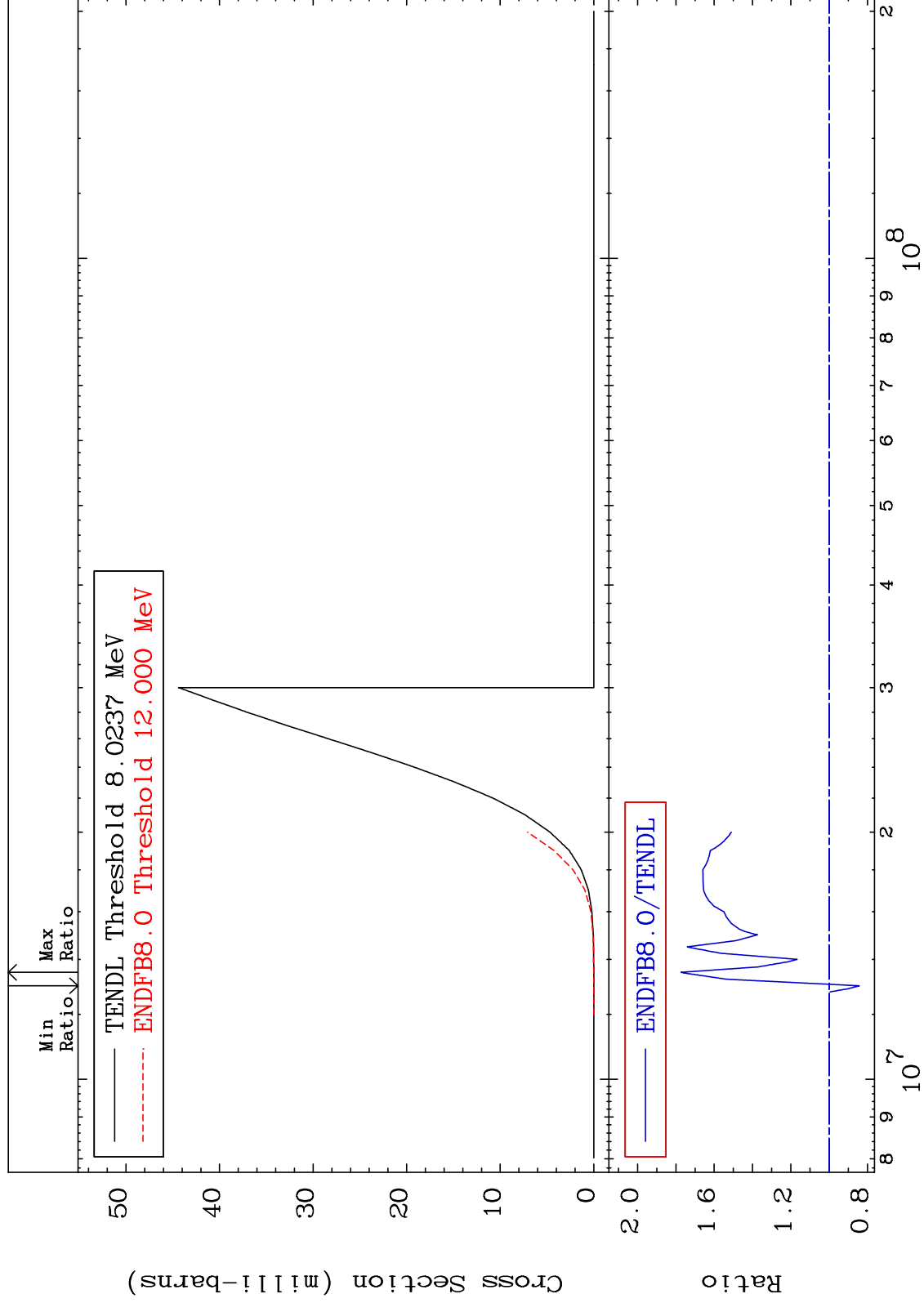
Incident Energy (eV)

70-Yb-174

MAT 7043

(n,n') p  
Cross Section

70-Yb-174  
-15.74 To 77.31 %



70-Yb-174

Incident Energy (eV)

7



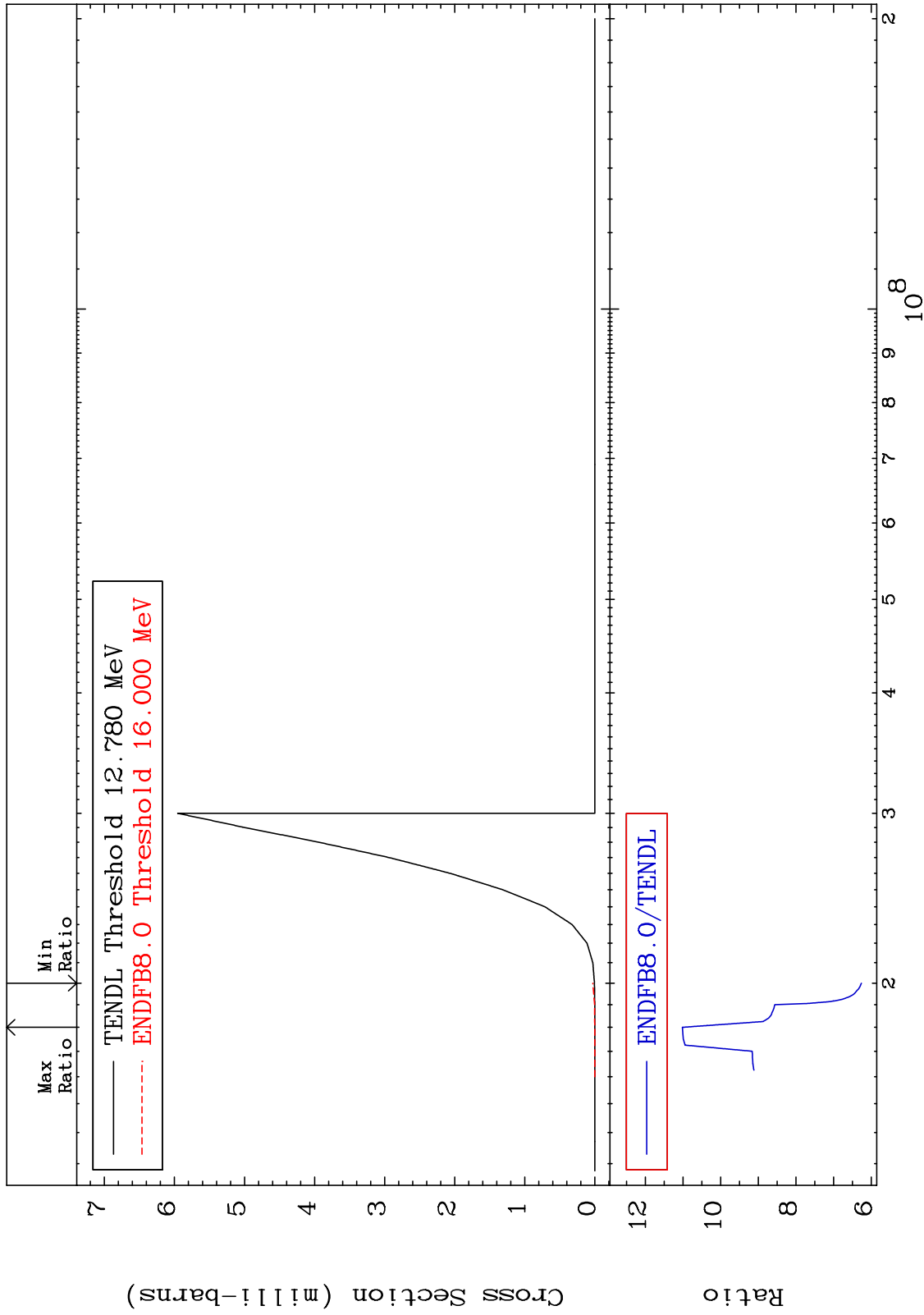
MAT 7043

(n,n') d

70-Yb-174

Cross Section

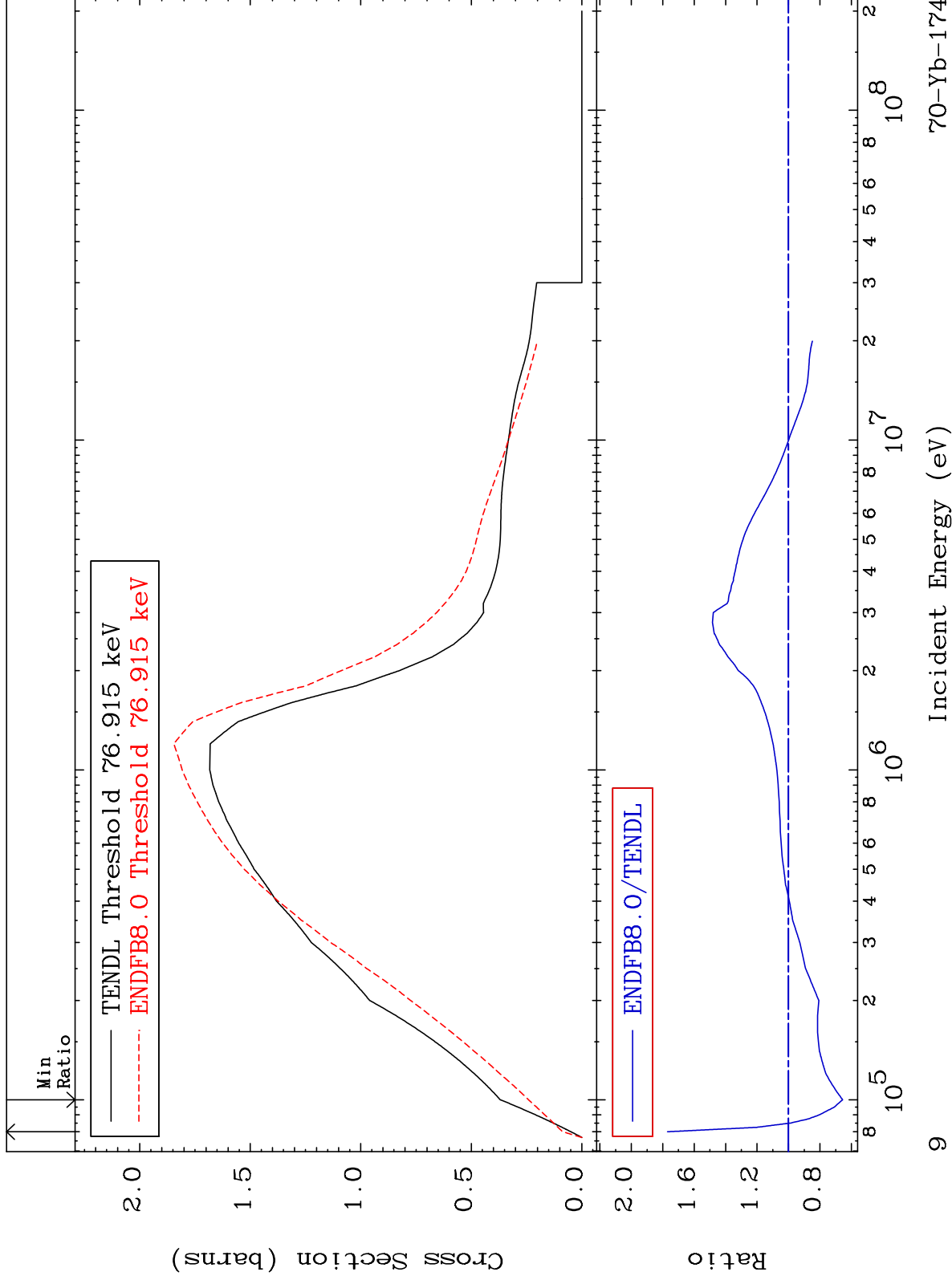
526.3 To 1002. %



MAT 7043

MT= 51 (n,n') Level  
Cross Section

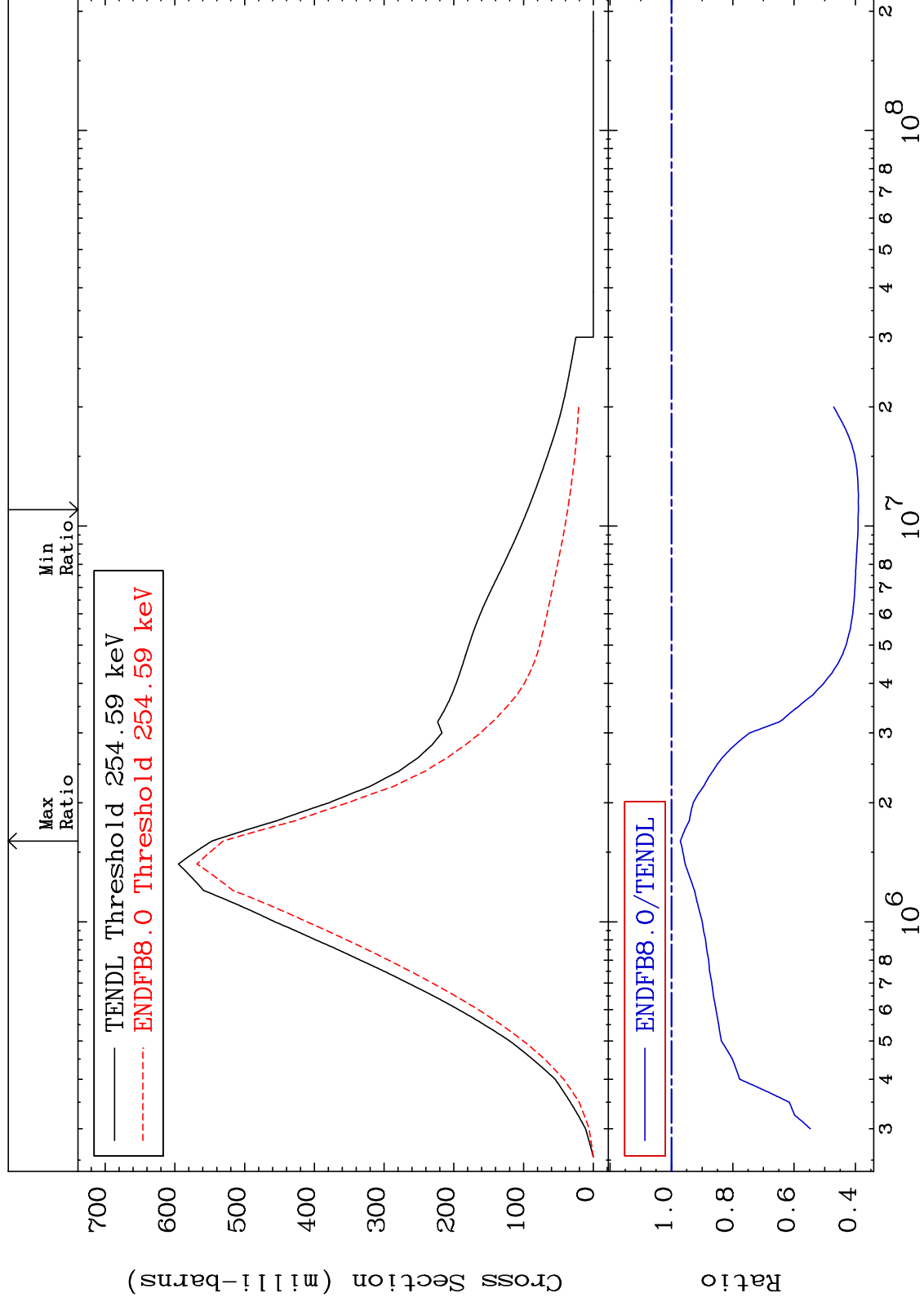
70-Yb-174  
-34.45 To 76.96 %



MAT 7043

MT= 52 (n,n') Level  
Cross Section

70-Yb-174  
-60.99 To -2.955%



10

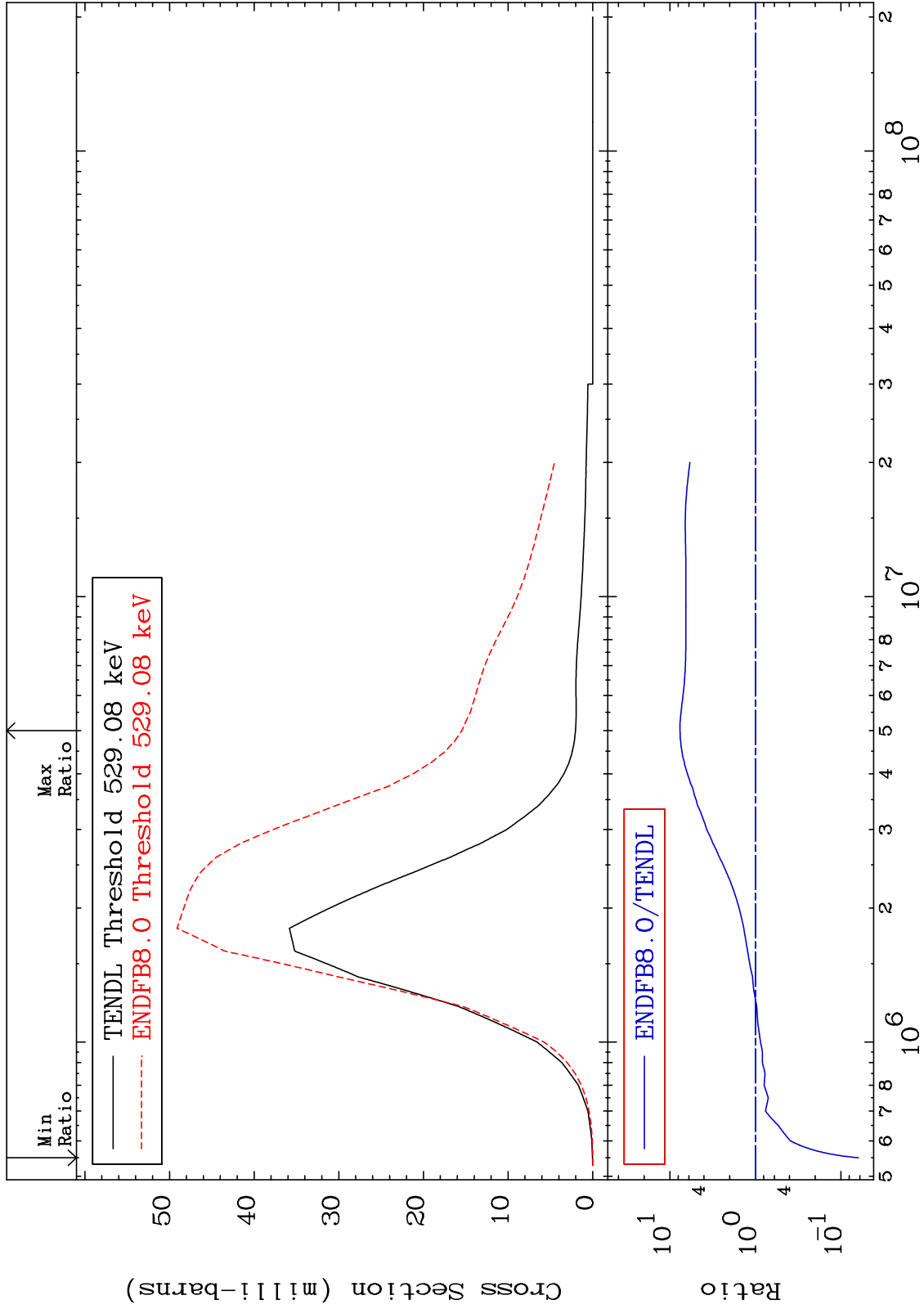
Incident Energy (eV)

70-Yb-174

MAT 7043

MT= 53 (n,n') Level  
Cross Section

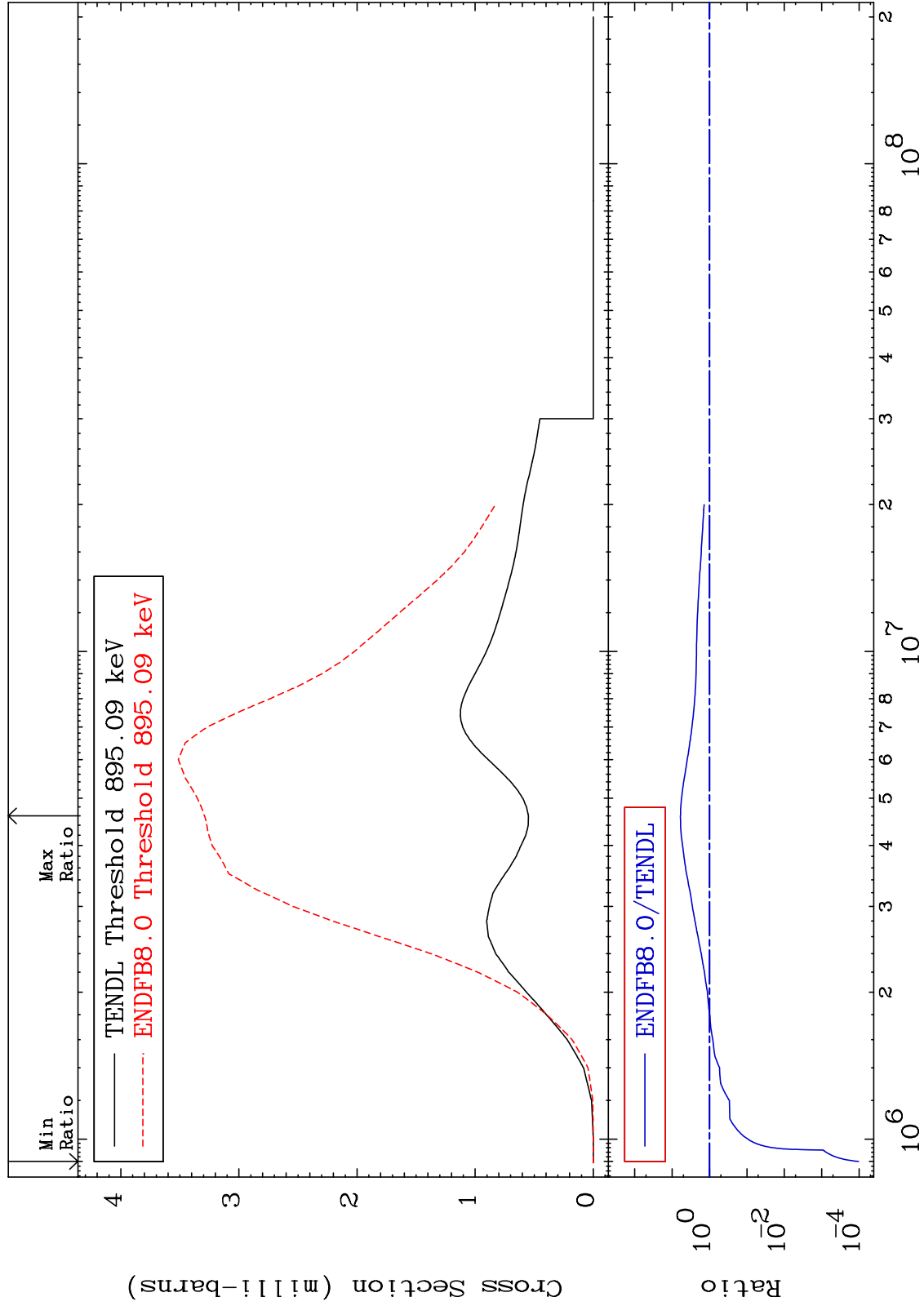
70-Yb-174  
-93.74 To 662.5 %



MAT 7043

MT= 54 (n,n') Level  
Cross Section

70-Yb-174  
-99.99 To 499.4 %

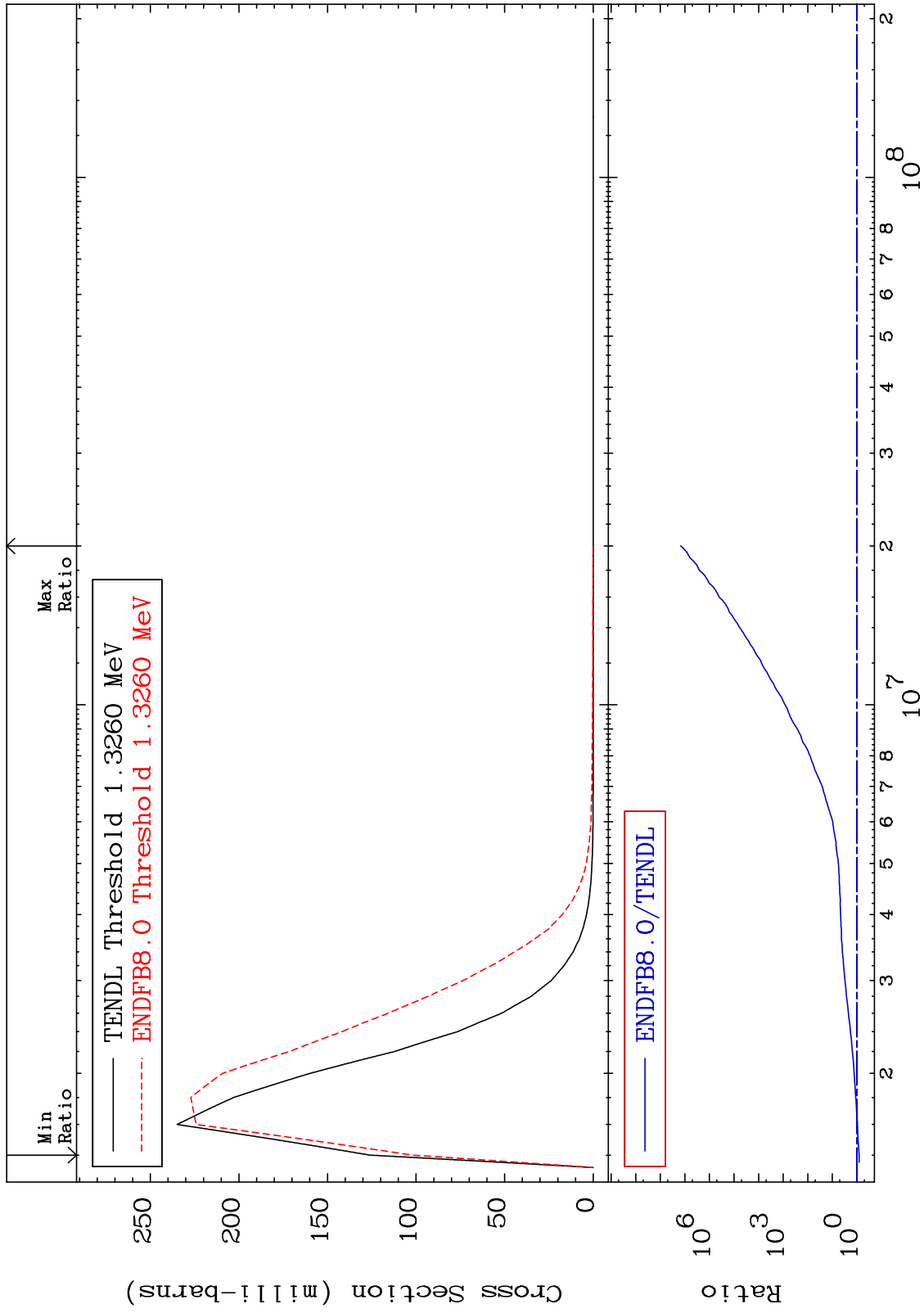


12 70-Yb-174

MAT 7043

MT= 55 (n,n') Level  
Cross Section

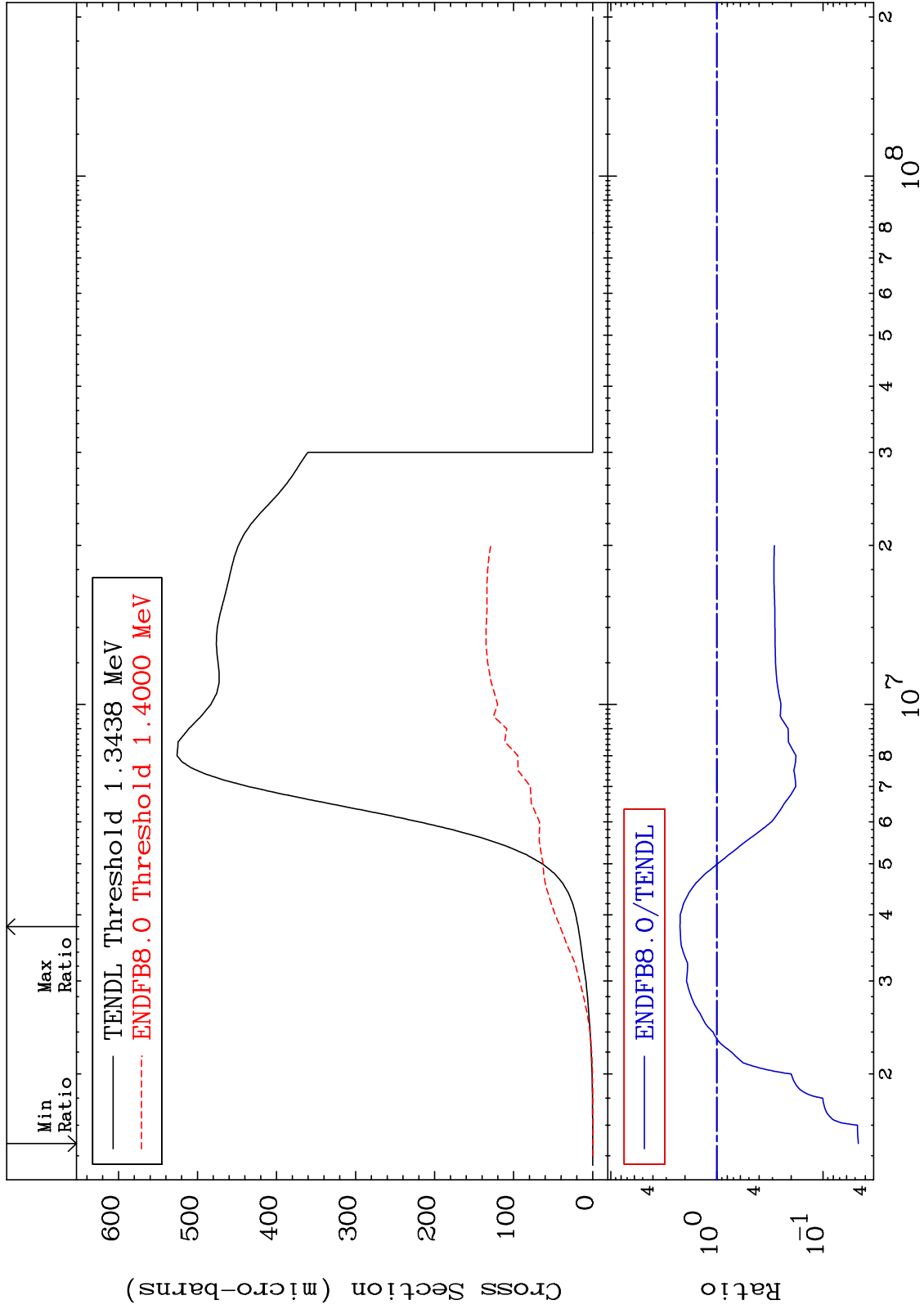
70-Yb-174  
-18.91 To 9999. %



MAT 7043

MT= 56 (n,n') Level  
Cross Section

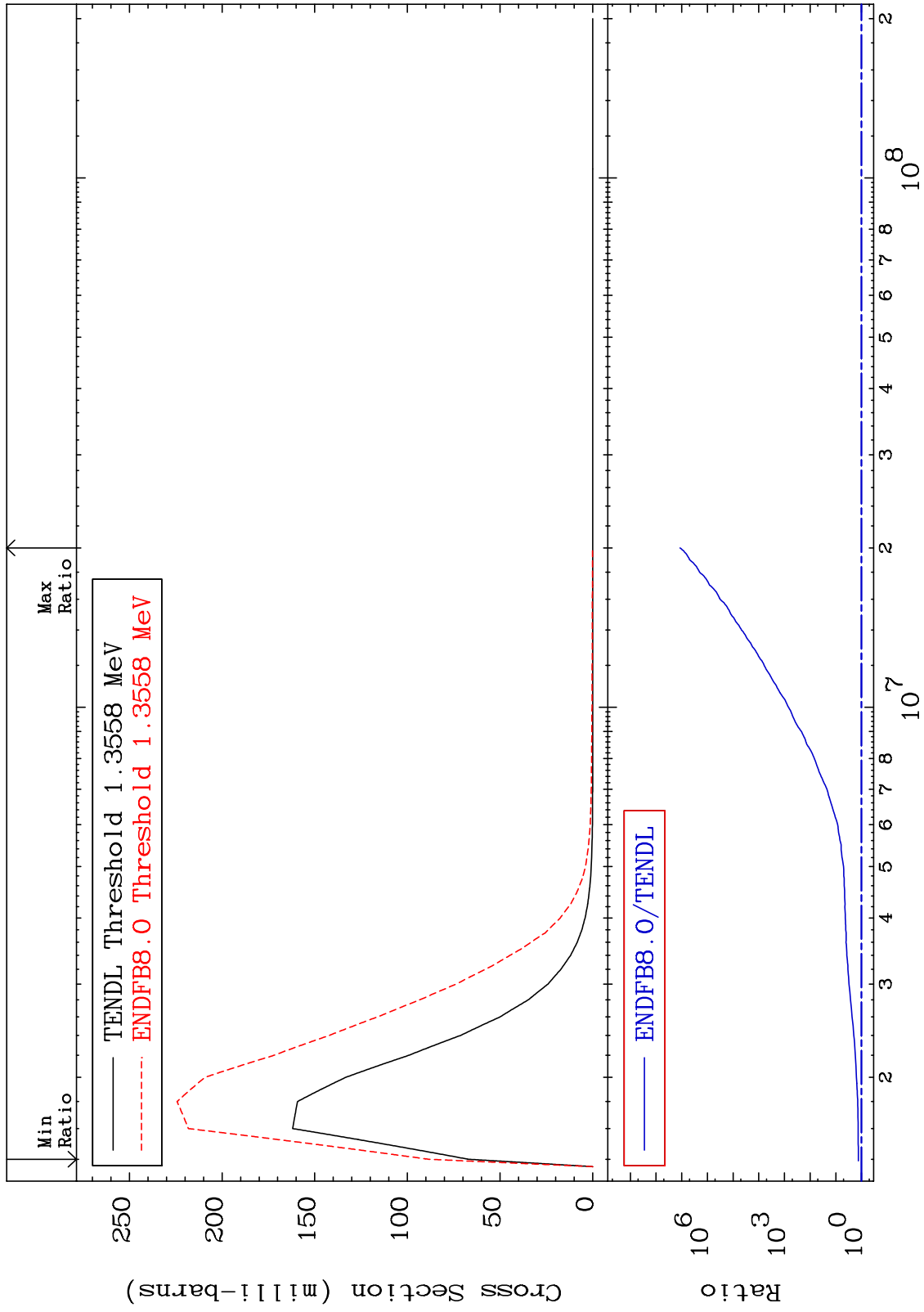
70-Yb-174  
-95.35 To 122.5 %



MAT 7043

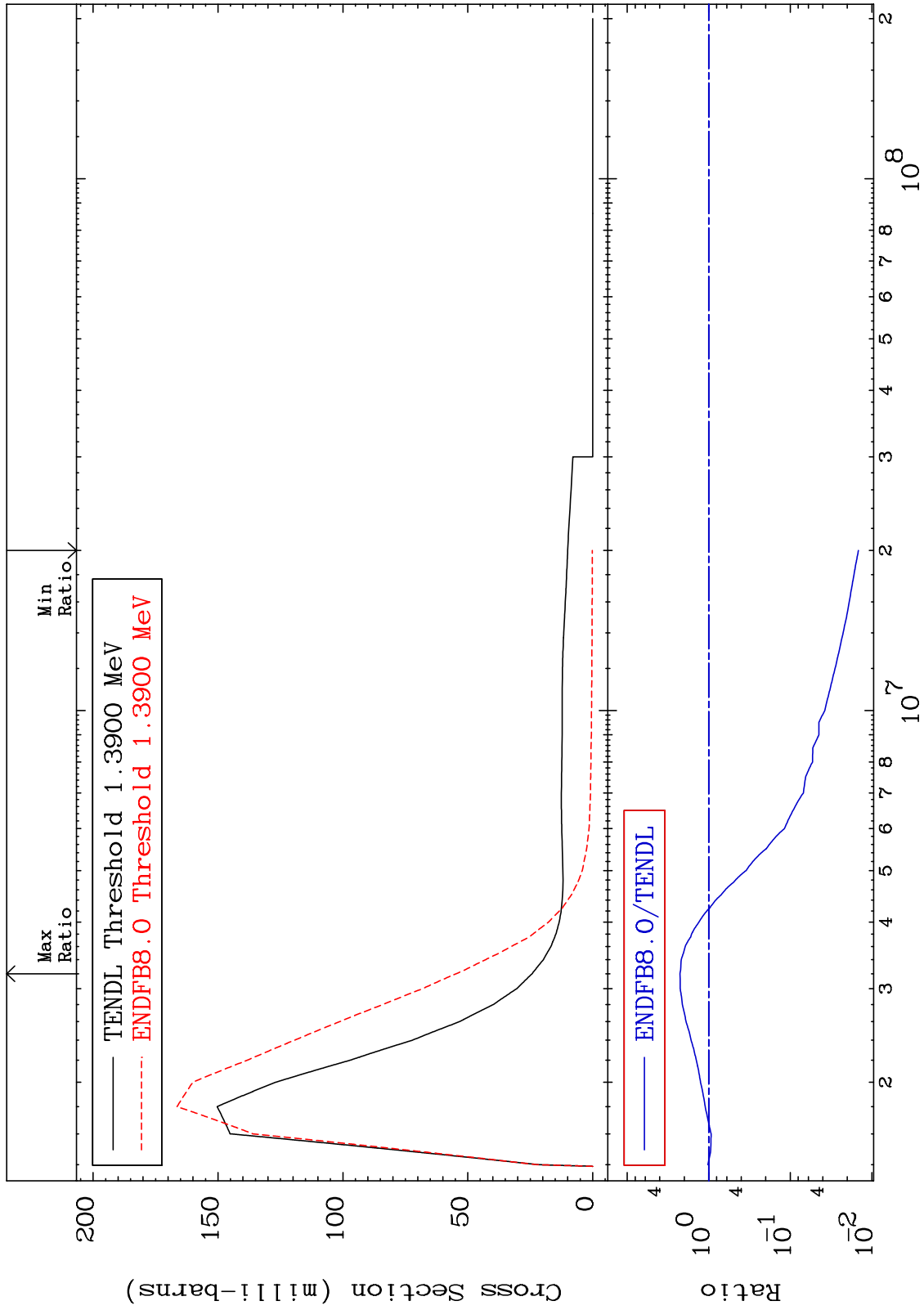
MT= 57 (n, n') Level  
Cross Section

70-Yb-174  
32.05 To 9999. %





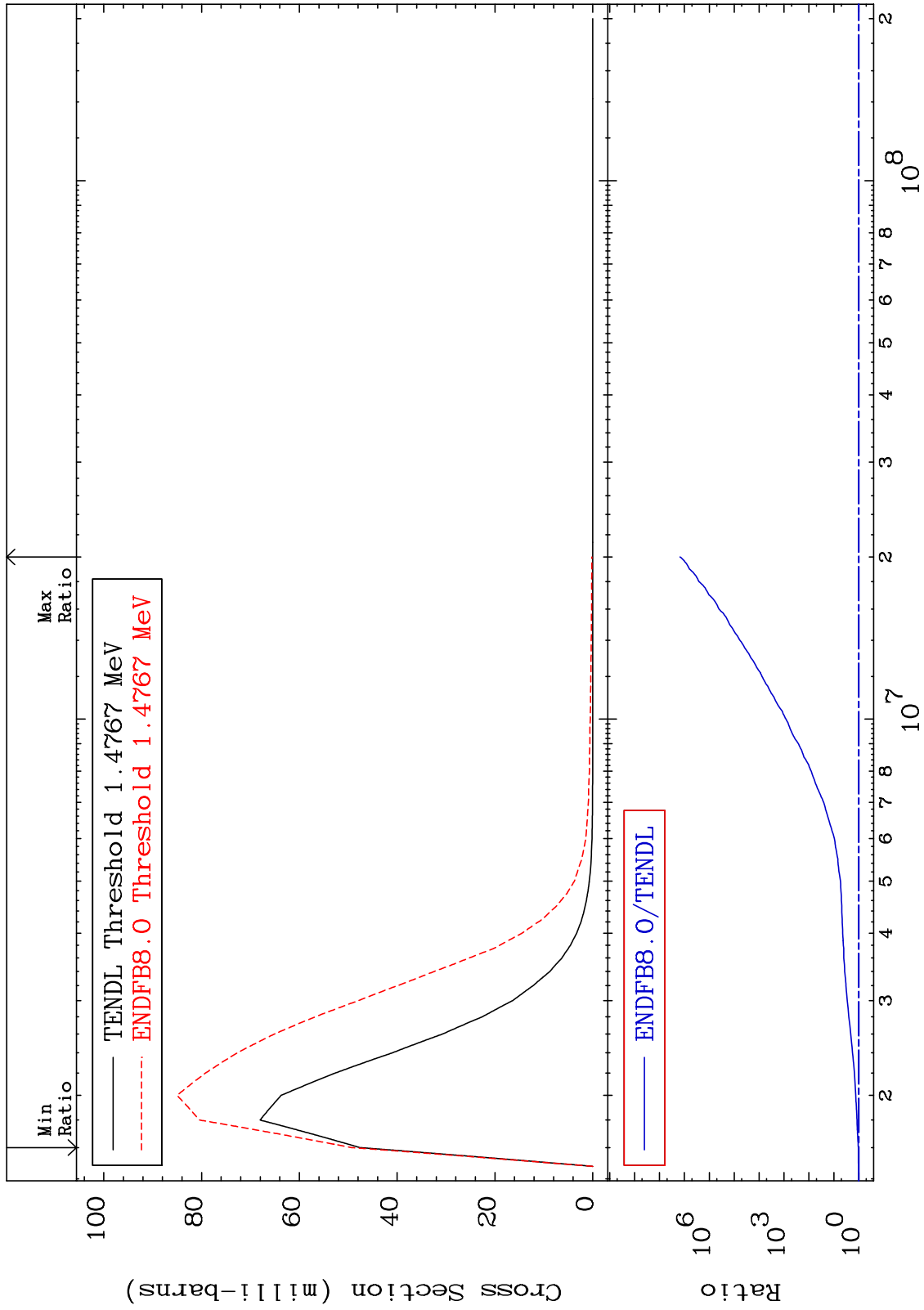
MAT 7043 MT= 58 (n, n') Level  
 Cross Section 70-Yb-174  
 -98.54 To 125.3 %



70-Yb-174

Incident Energy (eV)

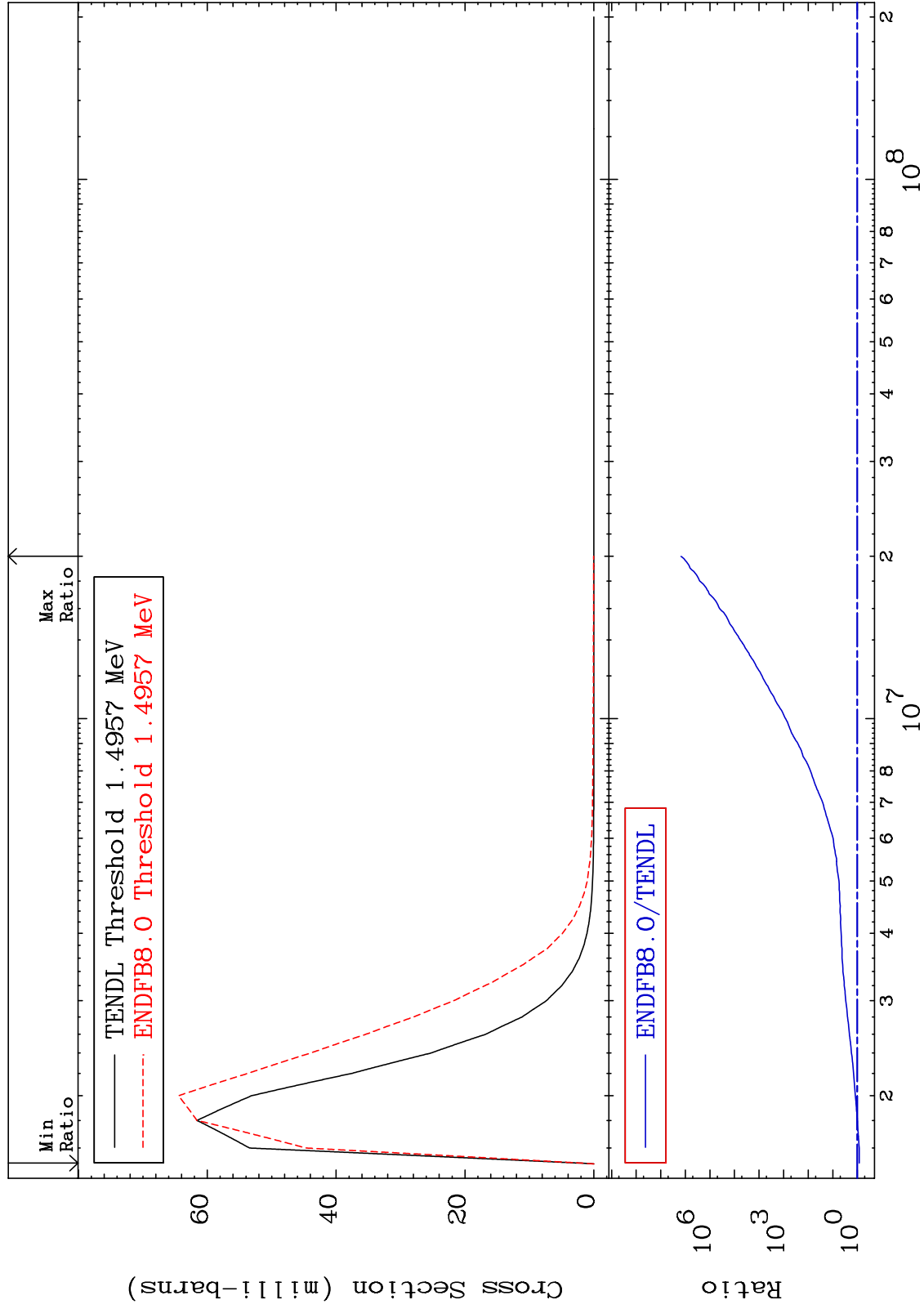
MAT 7043 MT= 59 (n,n') Level Cross Section 70-Yb-174 To 9999. %  
 3.501



MAT 7043

MT= 60 (n,n') Level  
Cross Section

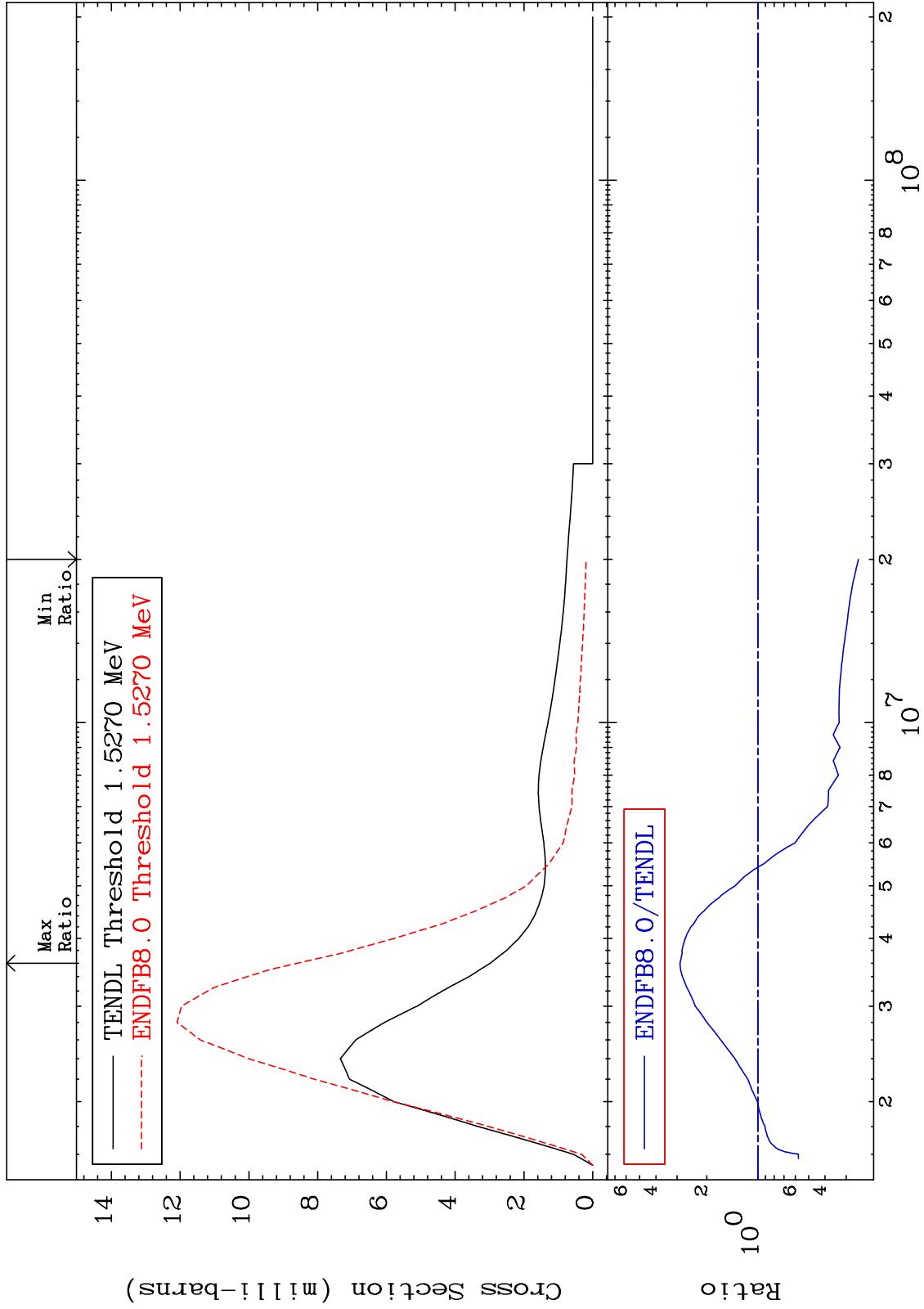
70-Yb-174  
-16.45 To 9999. %



MAT 7043

MT= 61 (n,n') Level  
Cross Section

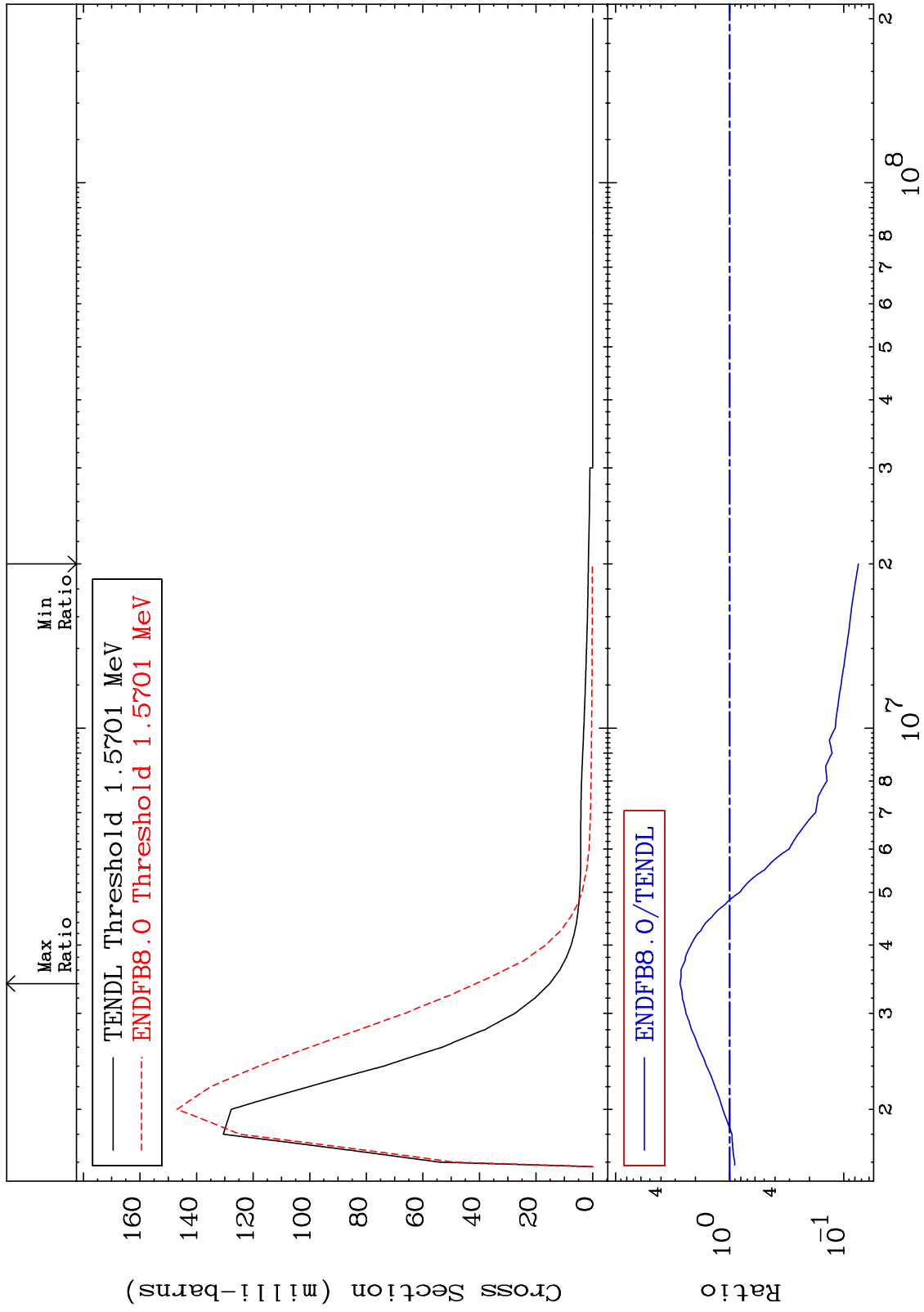
70-Yb-174  
-74.59 To 188.3 %



MAT 7043

MT= 62 (n,n') Level  
Cross Section

70-Yb-174  
-92.55 To 172.5 %



20

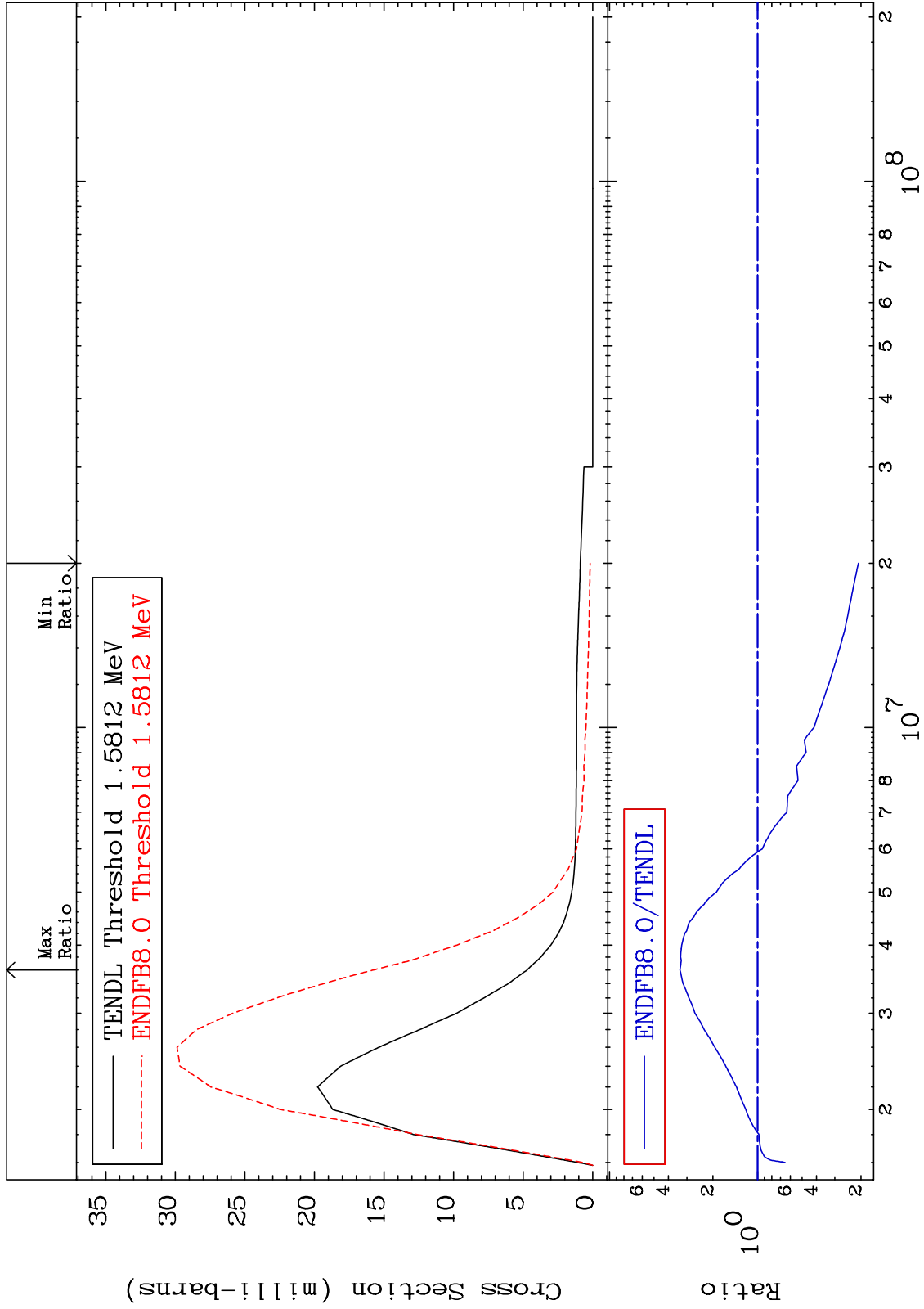
Incident Energy (eV)

70-Yb-174

MAT 7043

MT= 63 (n,n') Level  
Cross Section

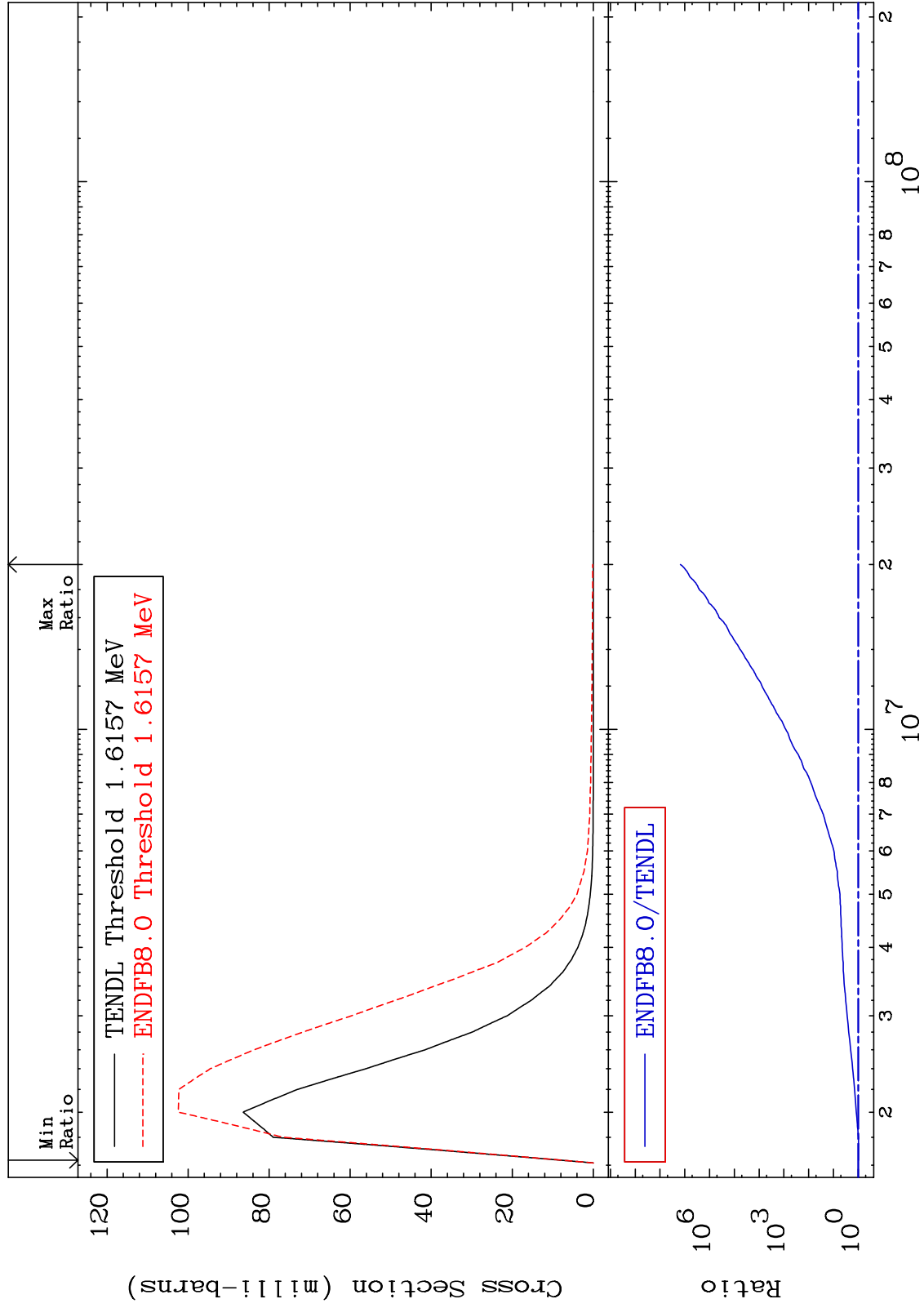
70-Yb-174  
-79.19 To 233.8 %



MAT 7043

MT= 64 (n,n') Level  
Cross Section

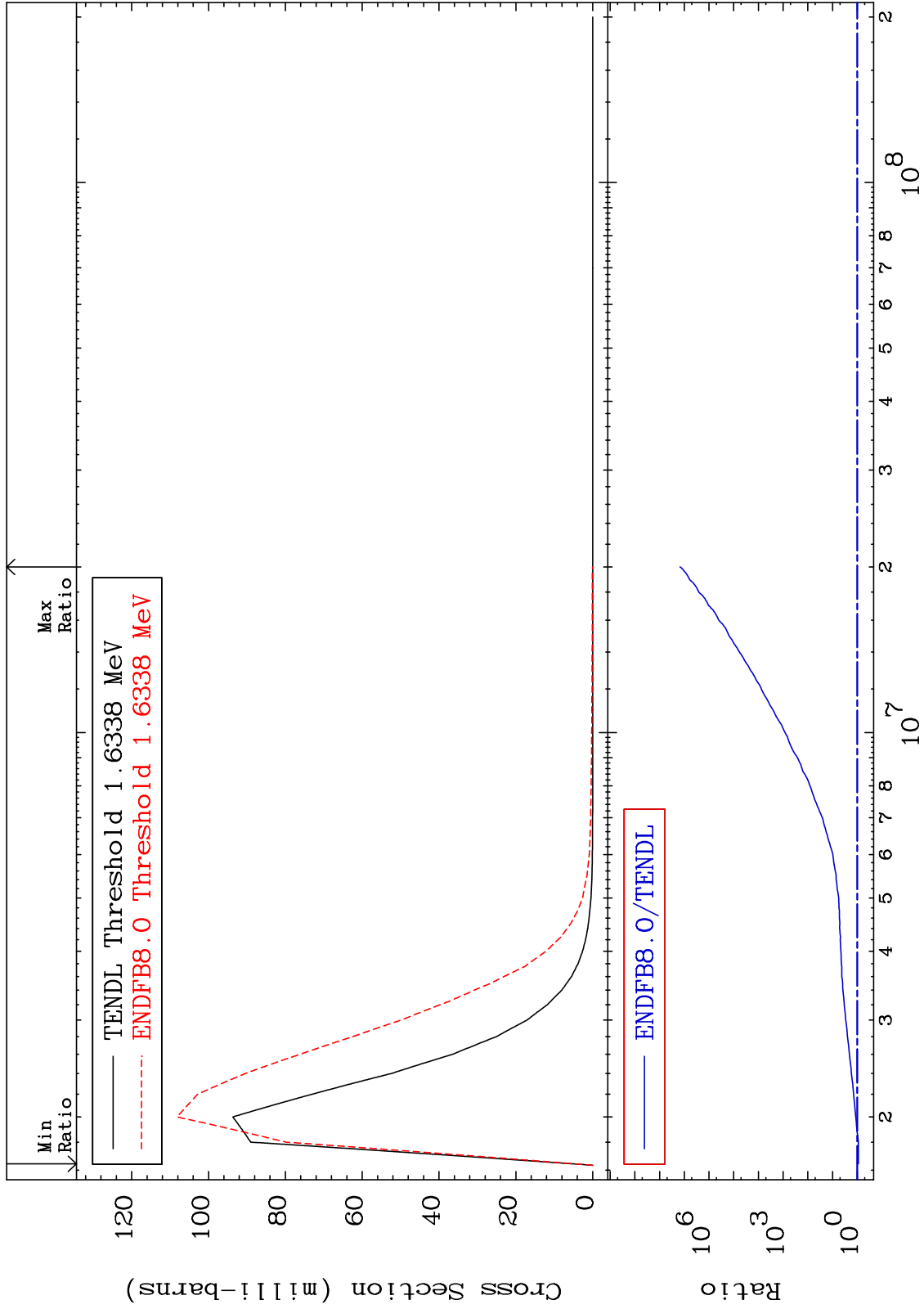
70-Yb-174  
-3.062 To 9999. %



MAT 7043

MT= 65 (n,n') Level  
Cross Section

70-Yb-174  
-10.34 To 9999. %

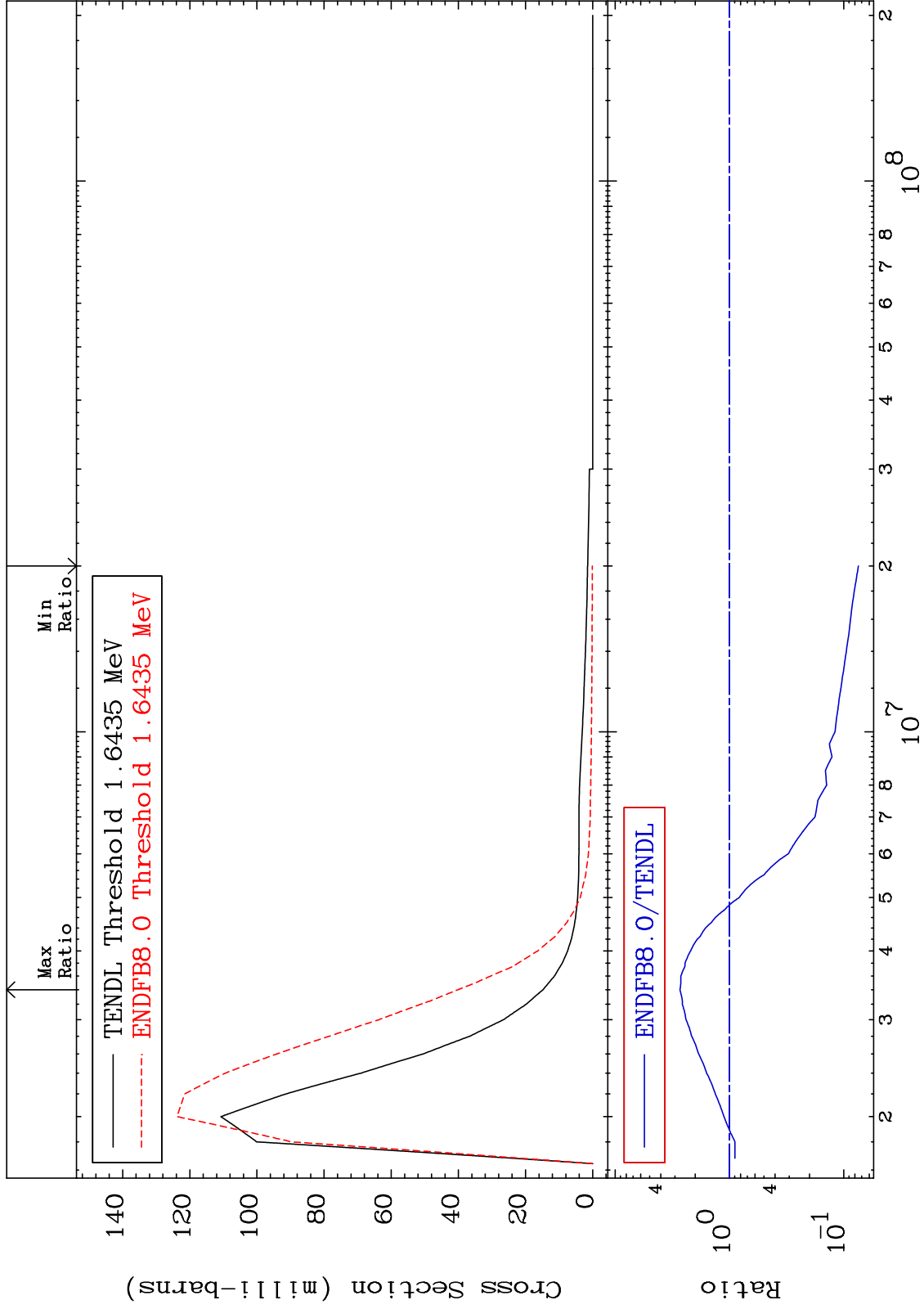




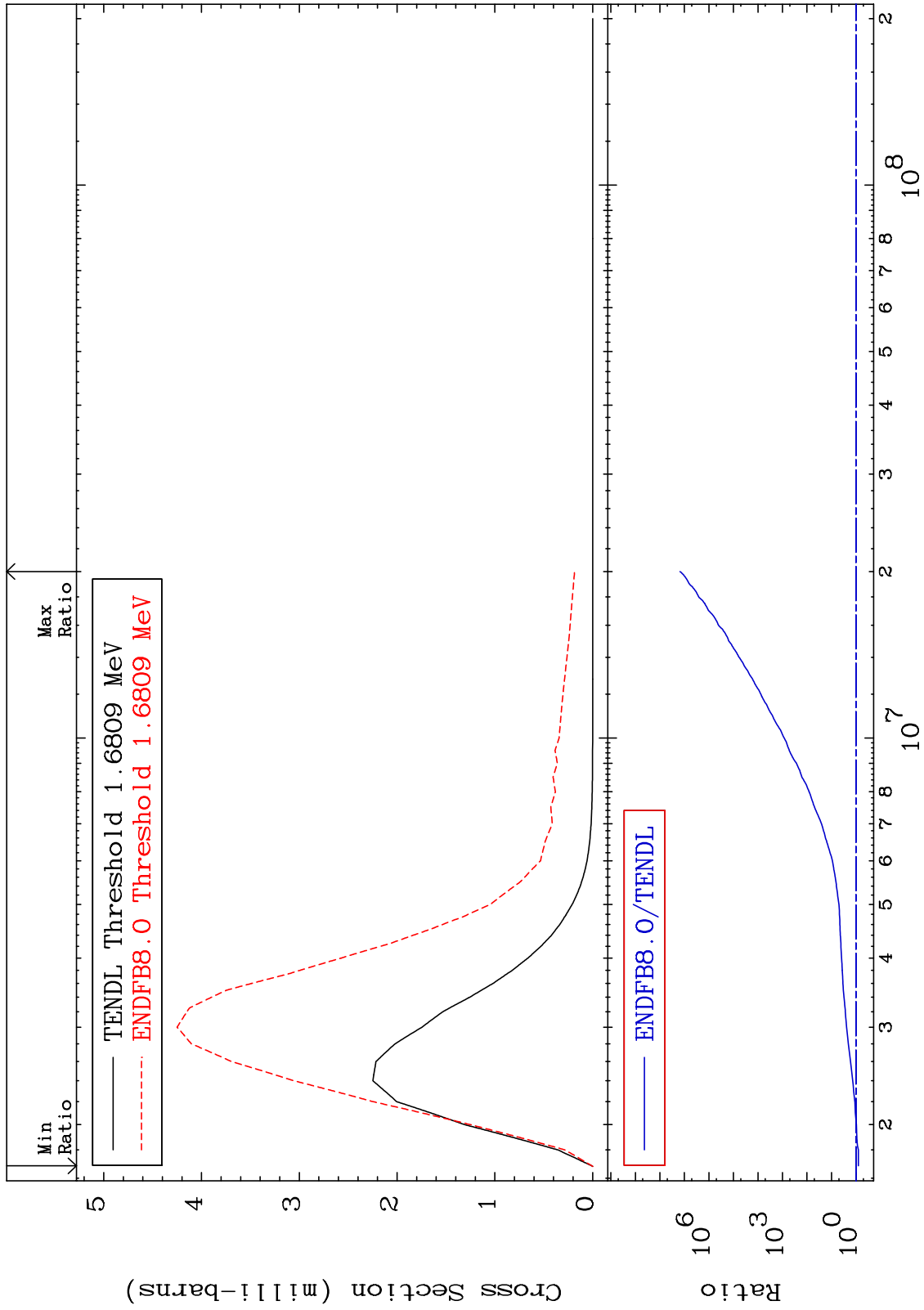
MAT 7043

MT= 66 (n,n') Level  
Cross Section

70-Yb-174  
-92.54 To 171.2 %



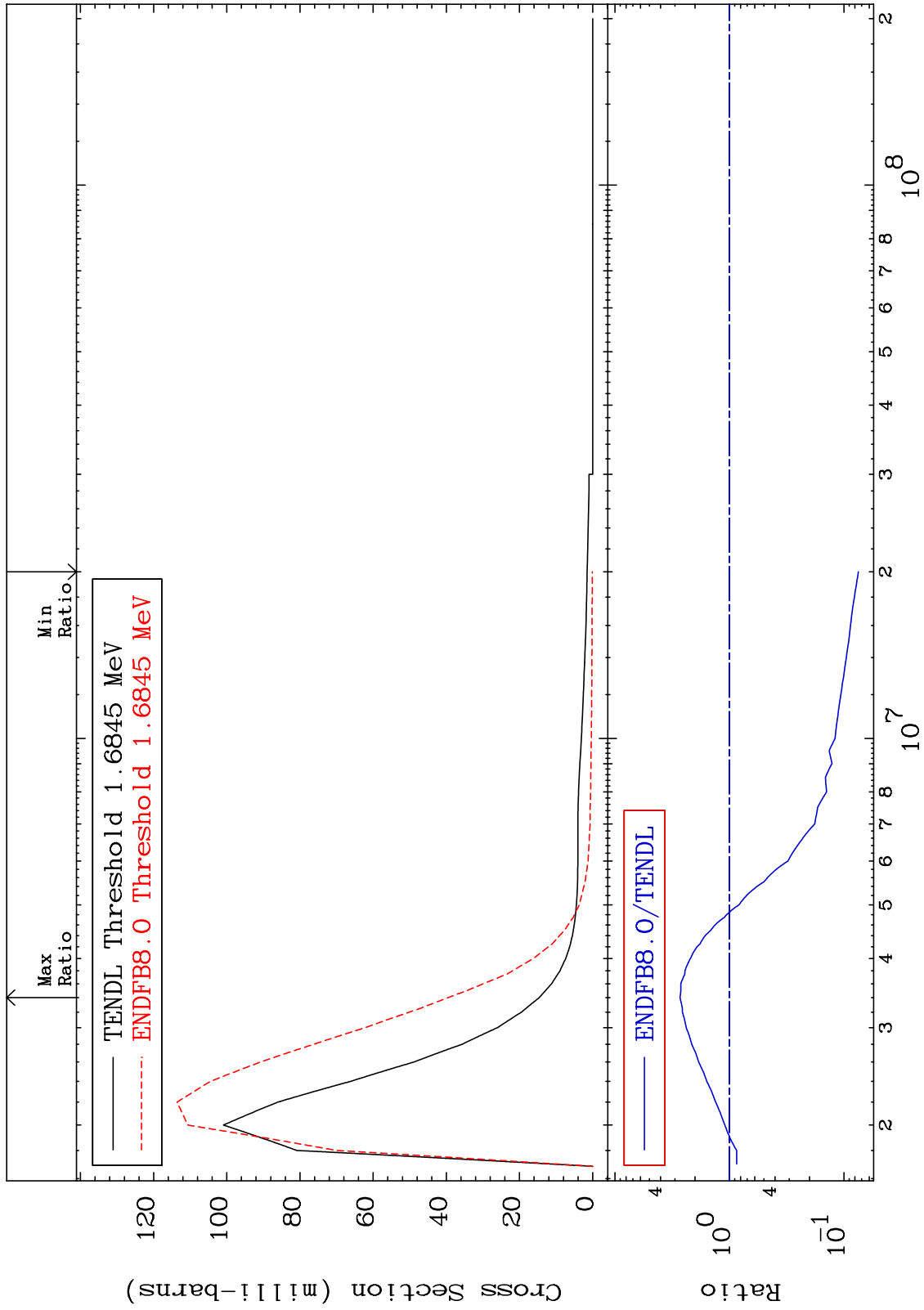
MAT 7043      MT= 67 (n,n') Level Cross Section      70-Yb-174  
 -20.42 To 9999. %



MAT 7043

MT= 68 (n,n') Level  
Cross Section

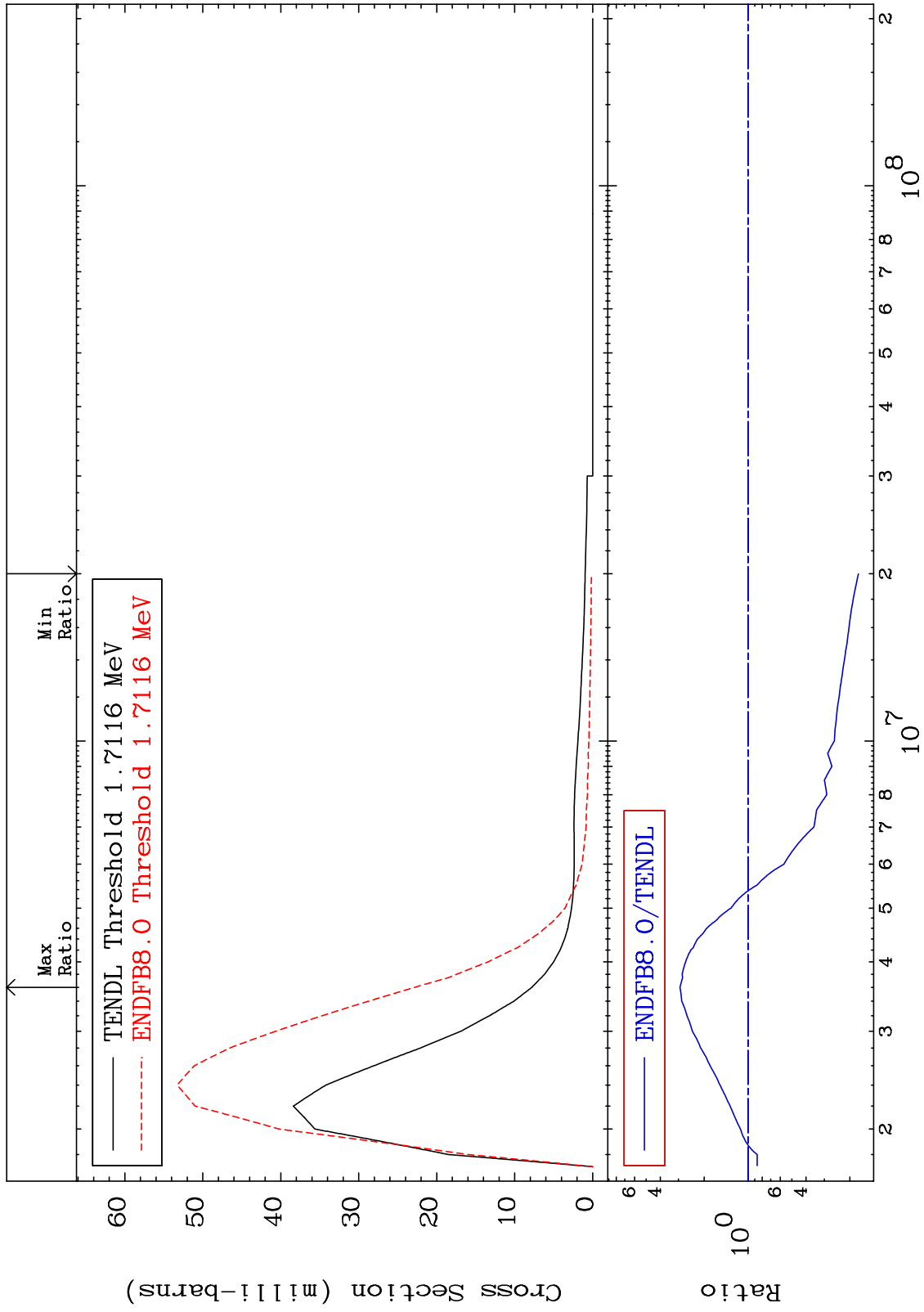
70-Yb-174  
-92.53 To 170.5 %



MAT 7043

MT= 69 (n,n') Level  
Cross Section

70-Yb-174  
-82.51 To 192.7 %



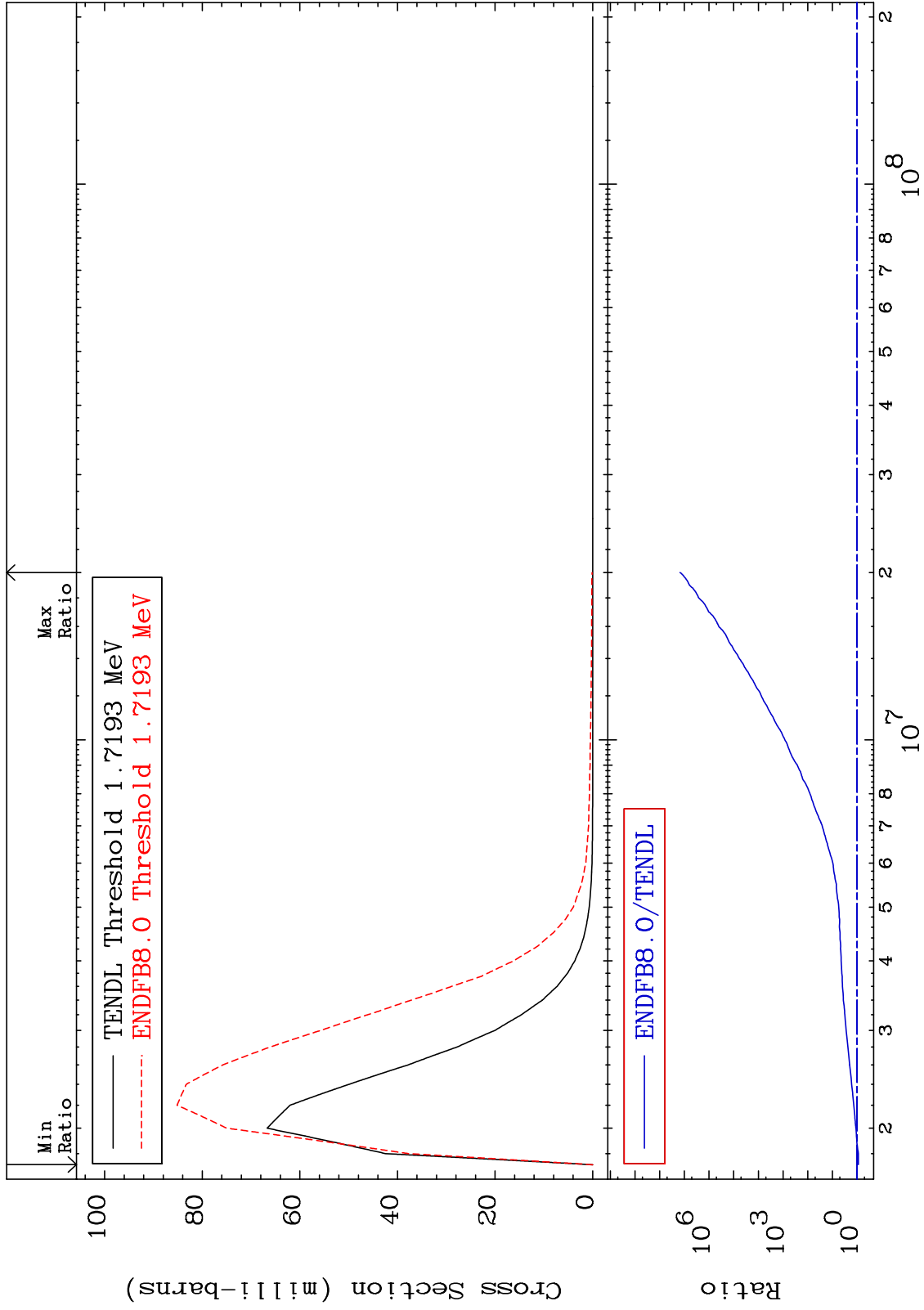
27

70-Yb-174

MAT 7043

MT= 70 (n,n') Level  
Cross Section

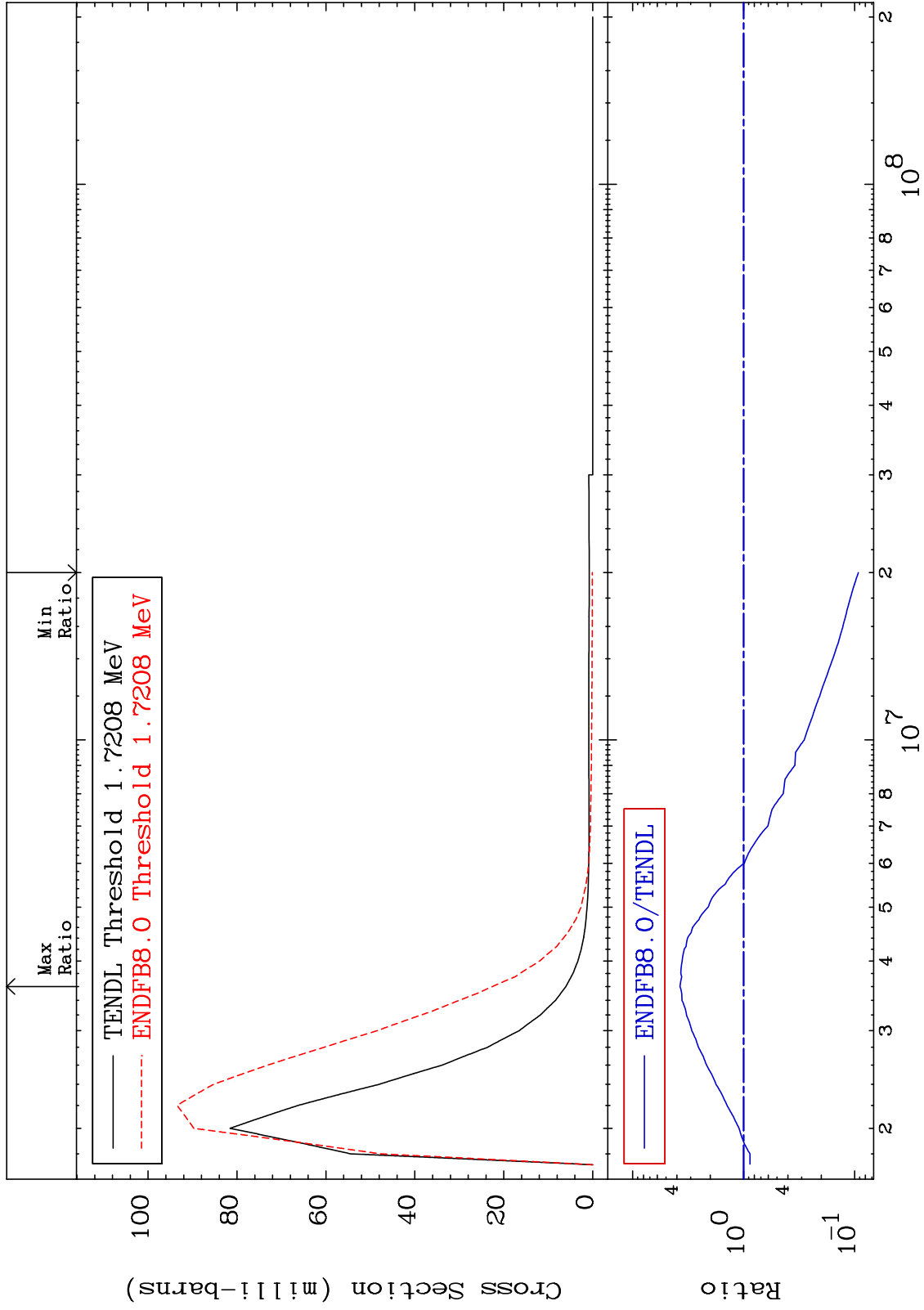
70-Yb-174  
-11.33 To 9999. %



MAT 7043

MT= 71 (n,n') Level  
Cross Section

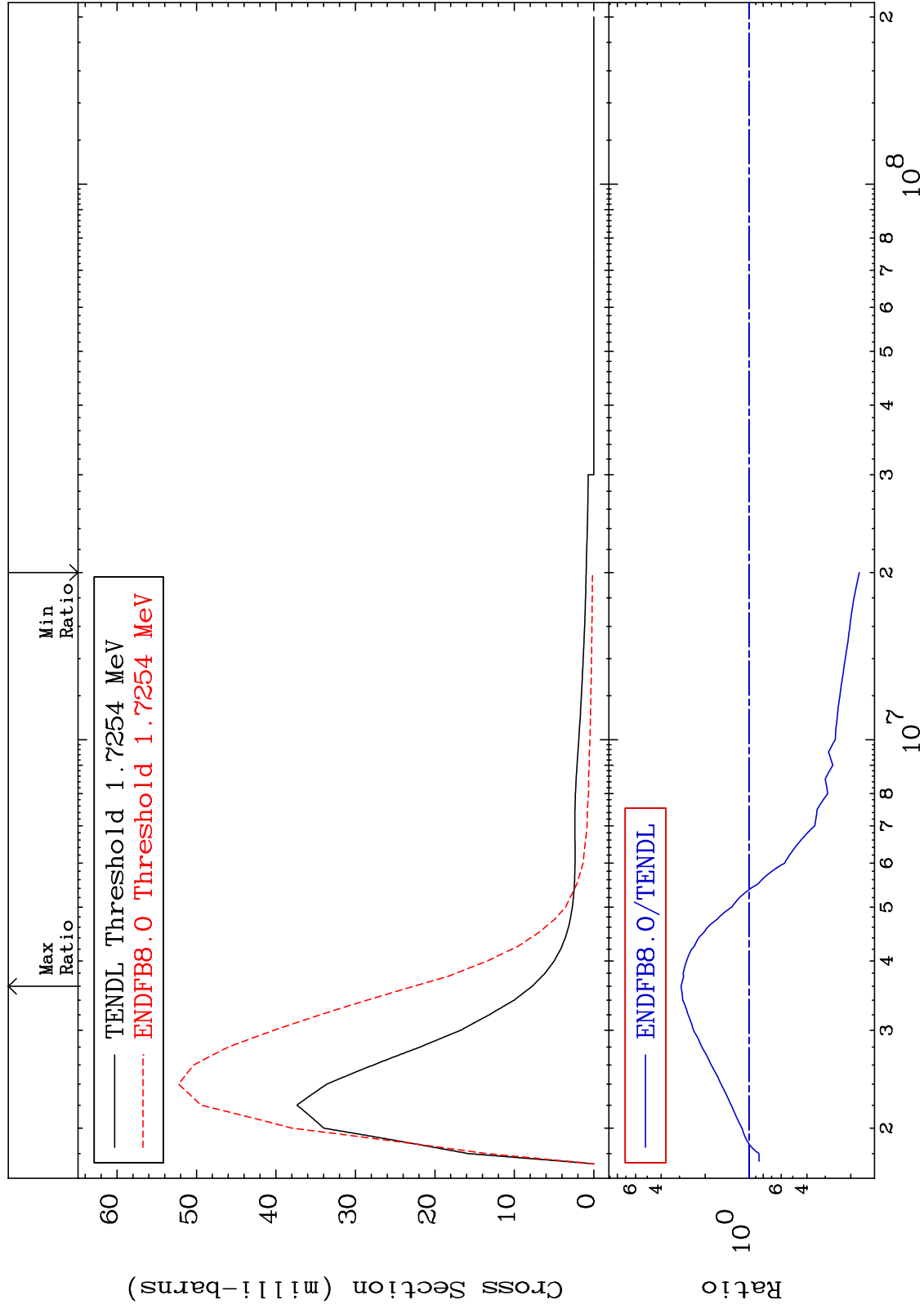
70-Yb-174  
-90.75 To 274.4 %



MAT 7043

MT= 72 (n,n') Level  
Cross Section

70-Yb-174  
-82.51 To 192.5 %



30

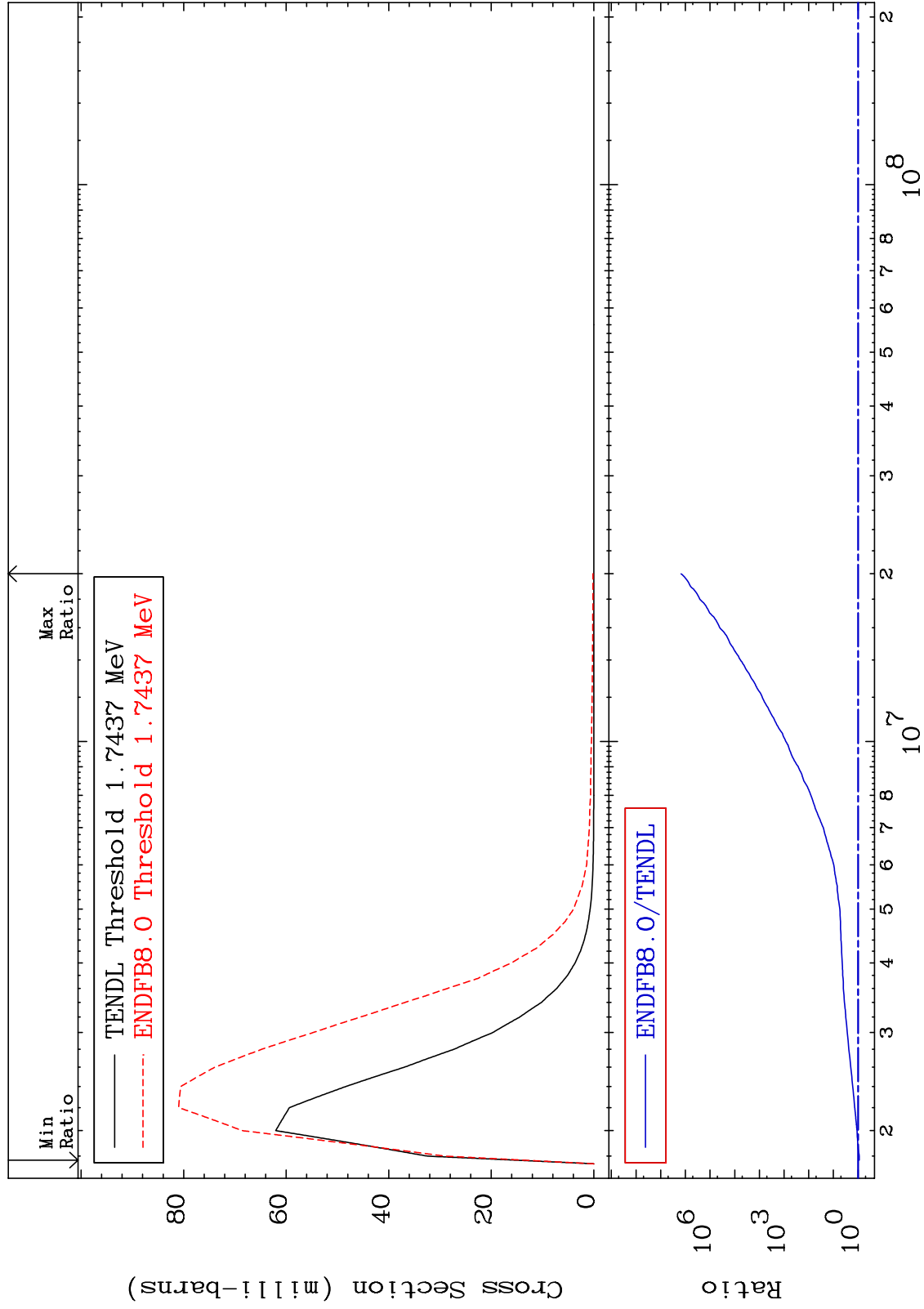
Incident Energy (eV)

70-Yb-174

MAT 7043

MT= 73 (n,n') Level  
Cross Section

70-Yb-174  
-10.55 To 9999. %

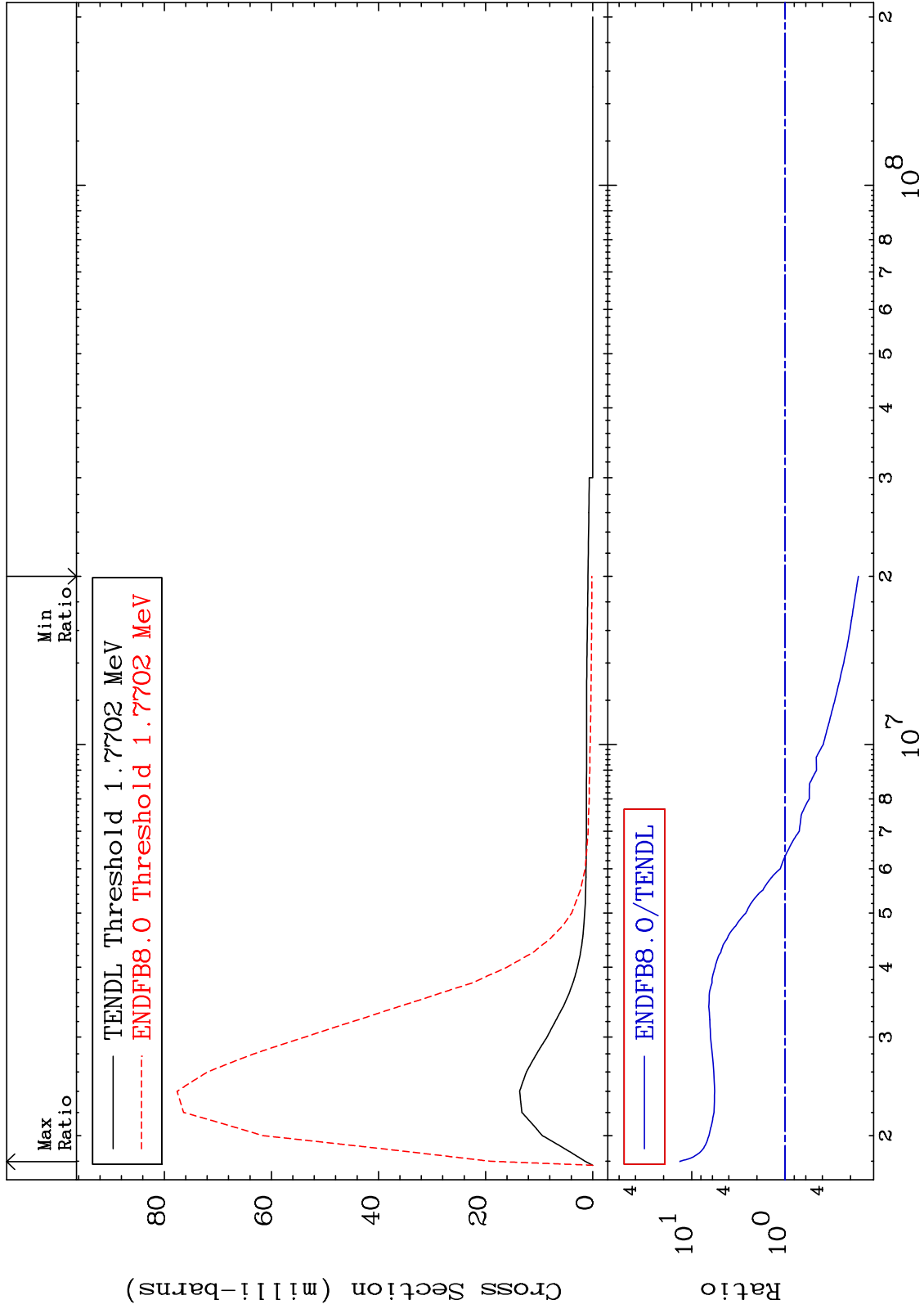




MAT 7043

MT= 74 (n,n') Level  
Cross Section

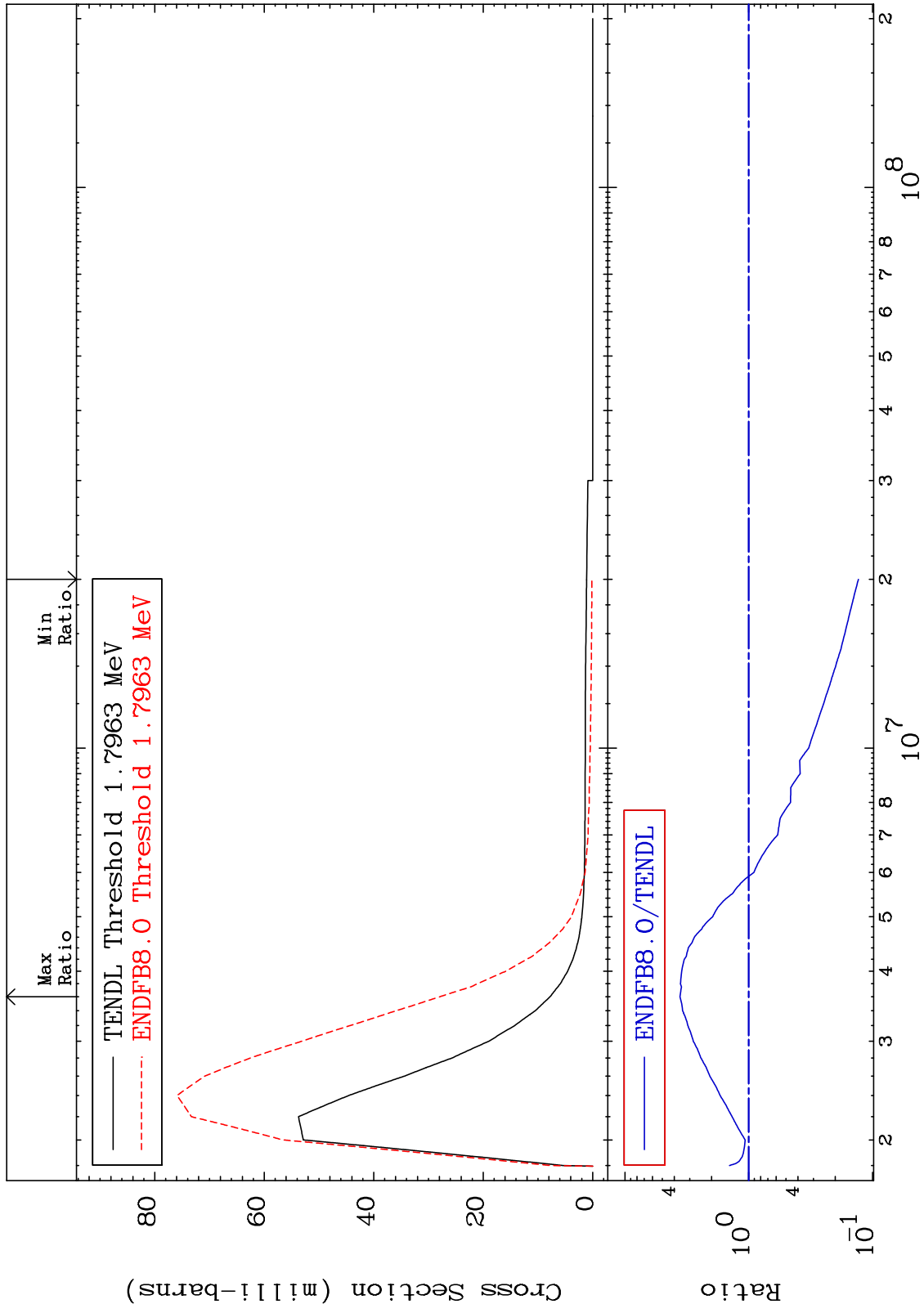
70-Yb-174  
-83.55 To 1235. %



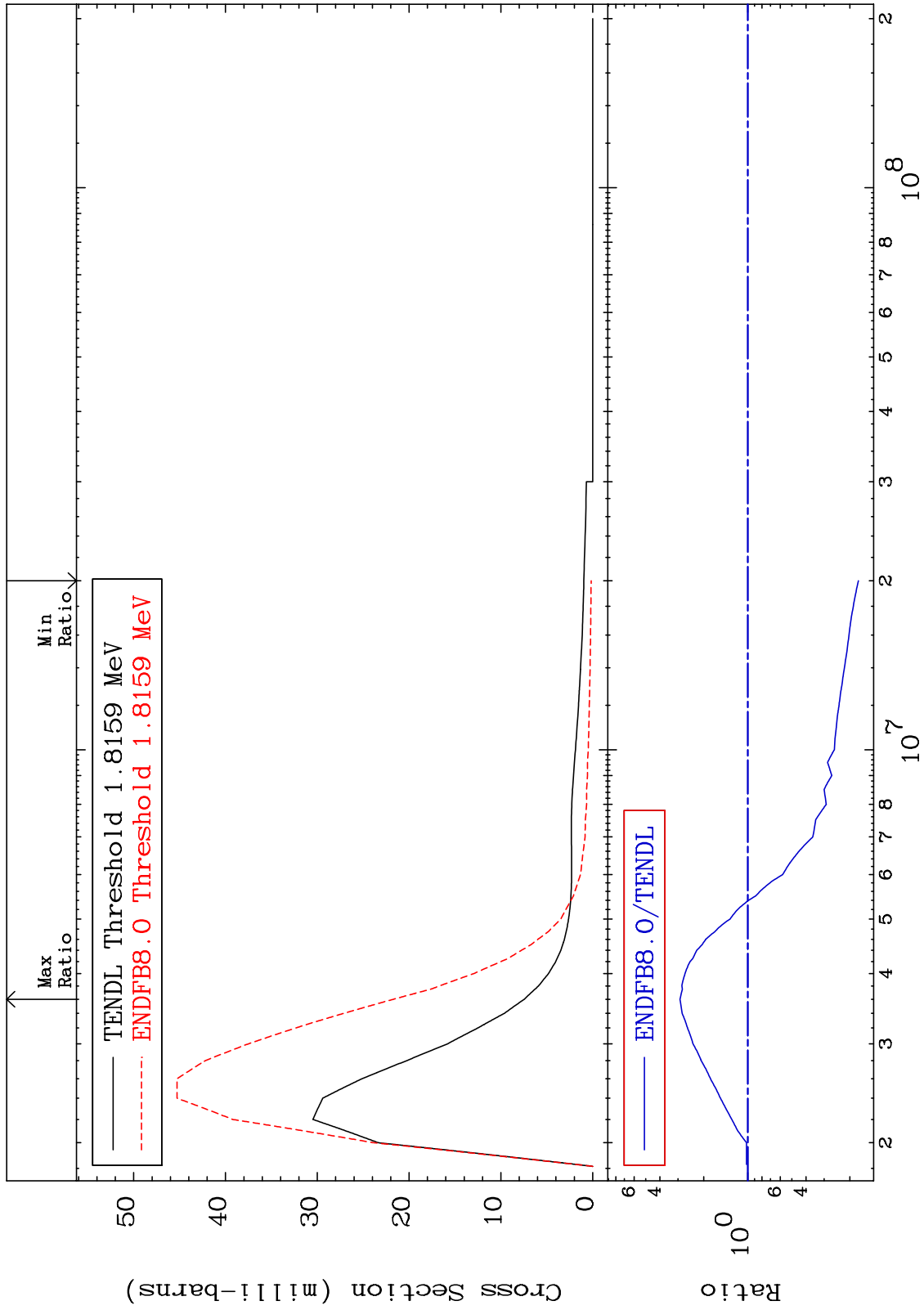
MAT 7043

MT= 75 (n,n') Level  
Cross Section

70-Yb-174  
-86.99 To 259.1 %



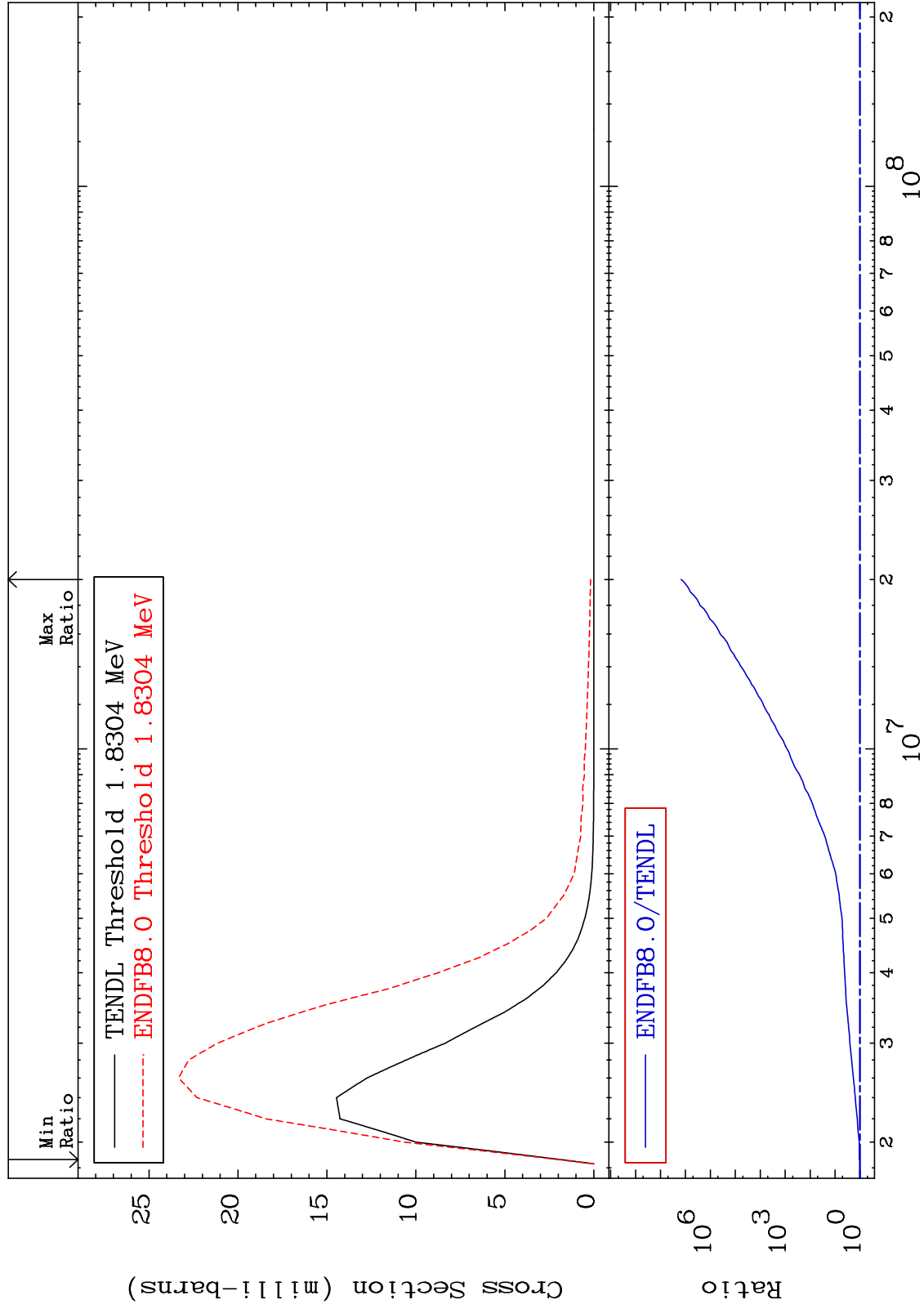
MAT 7043 MT= 76 (n,n') Level  
 Cross Section 70-Yb-174  
 -82.50 To 191.0 %



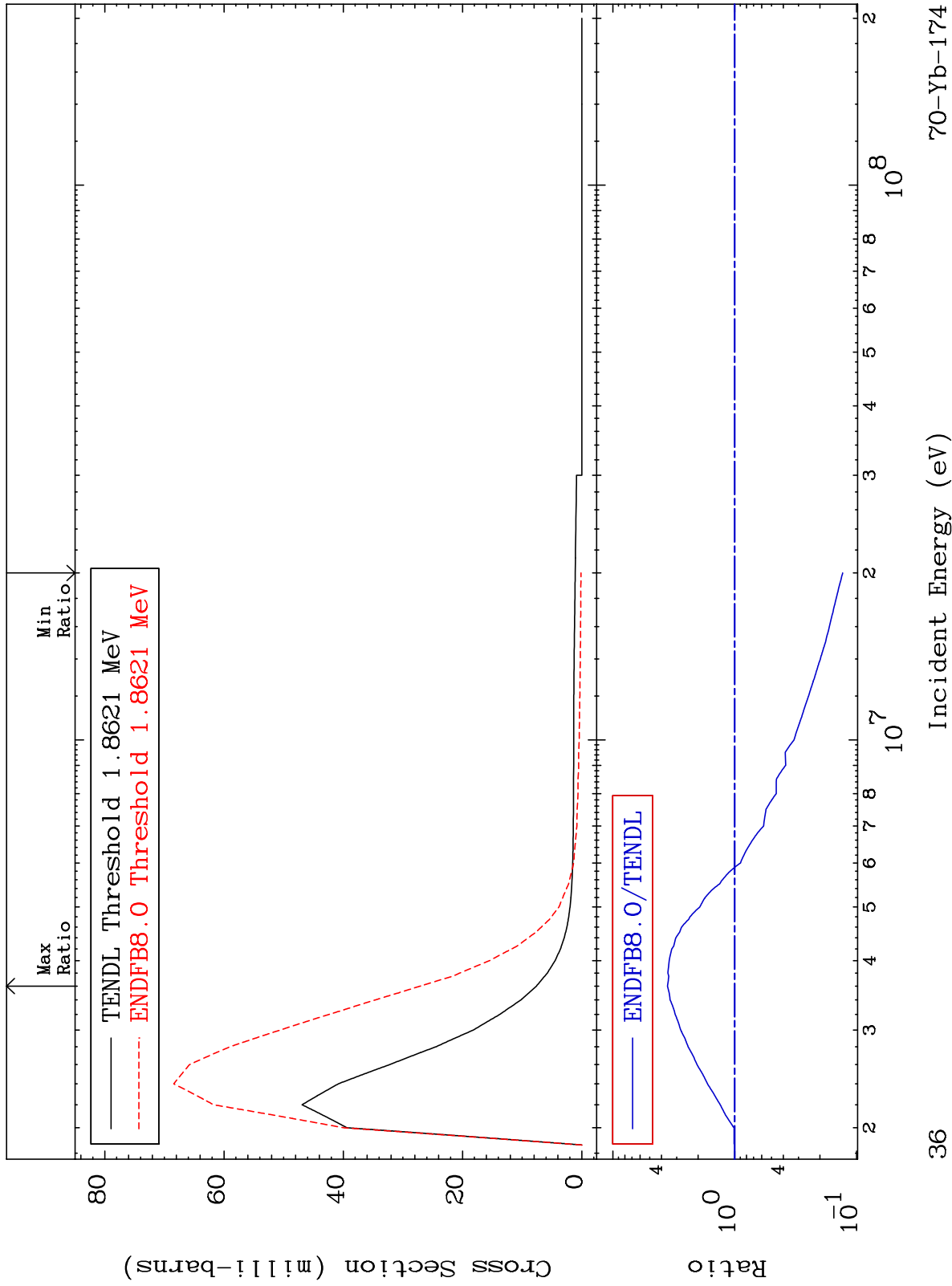
MAT 7043

MT= 77 (n,n') Level  
Cross Section

70-Yb-174  
6.484 To 9999. %



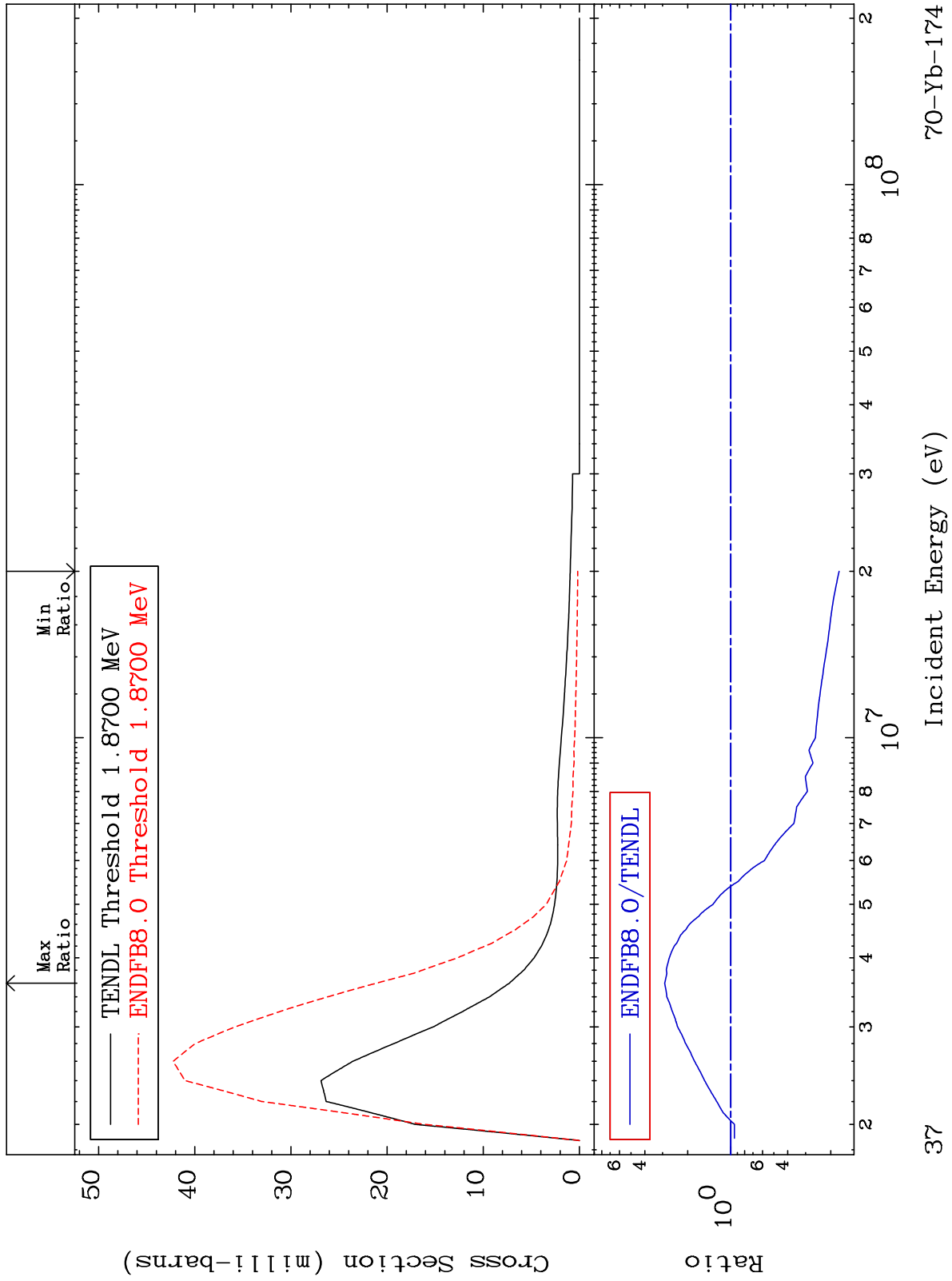
MAT 7043 MT= 78 (n,n') Level  
 Cross Section 70-Yb-174  
 -86.99 To 256.4 %



70-Yb-174

Incident Energy (eV)

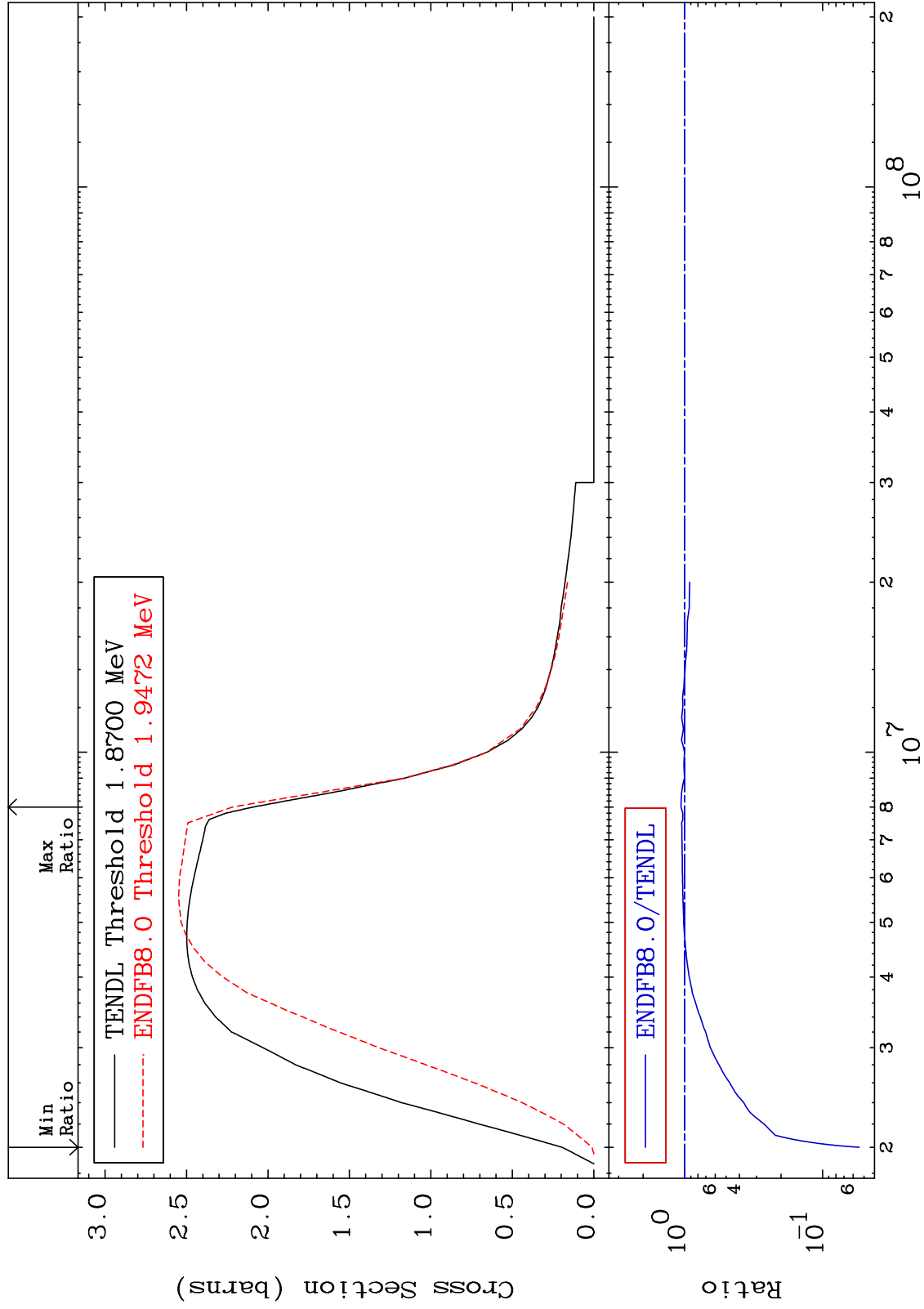
MAT 7043 MT= 79 (n,n') Level  
Cross Section 70-Yb-174  
-82.50 To 189.9 %



MAT 7043

(n, n') Continuum  
Cross Section

70-Yb-174  
-94.59 To 6.023 %



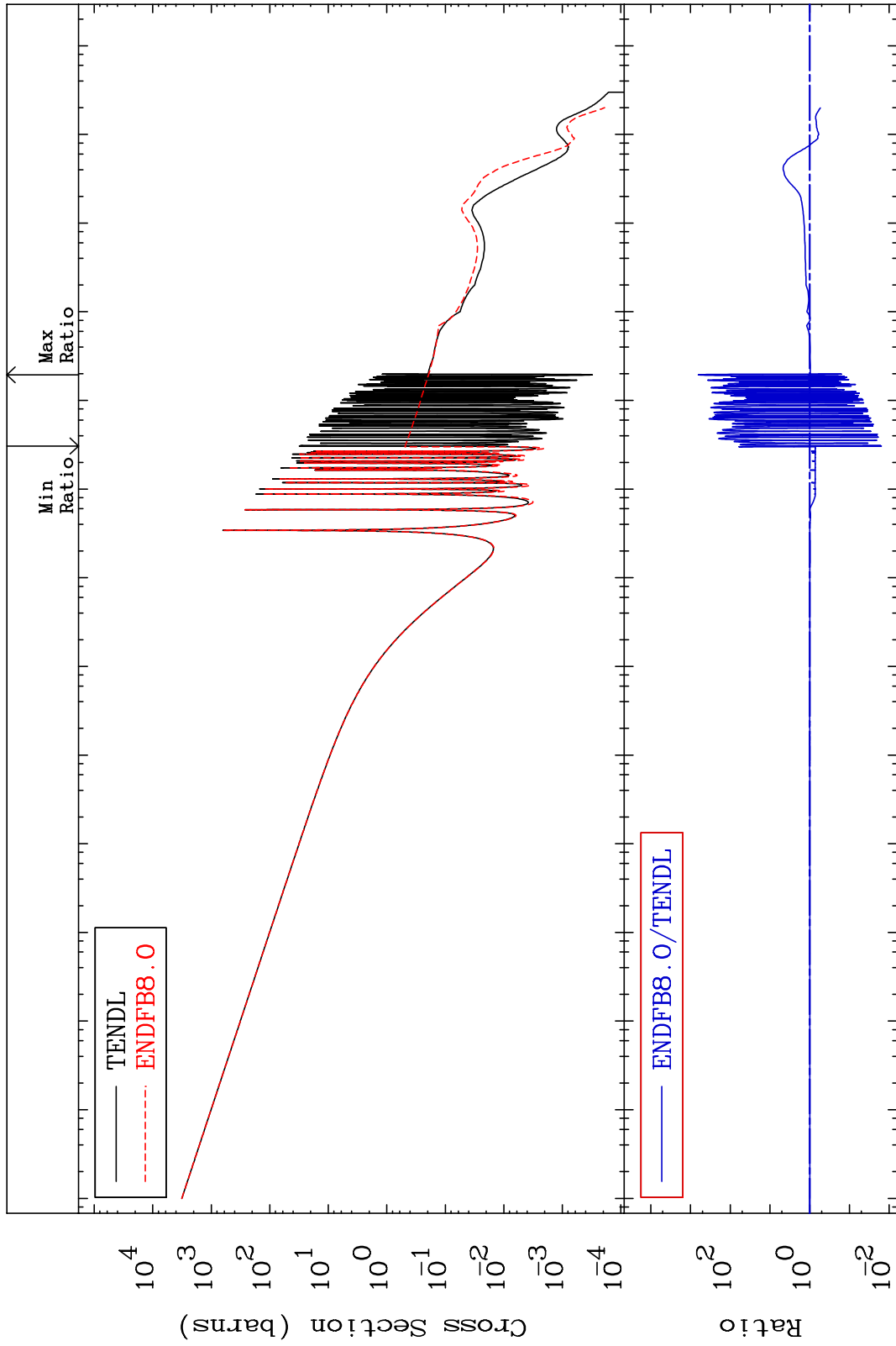
MAT 7043

(n,  $\gamma$ )

70-Yb-174

Cross Section

-98.44 To 9999. %



39

Incident Energy (eV)

70-Yb-174



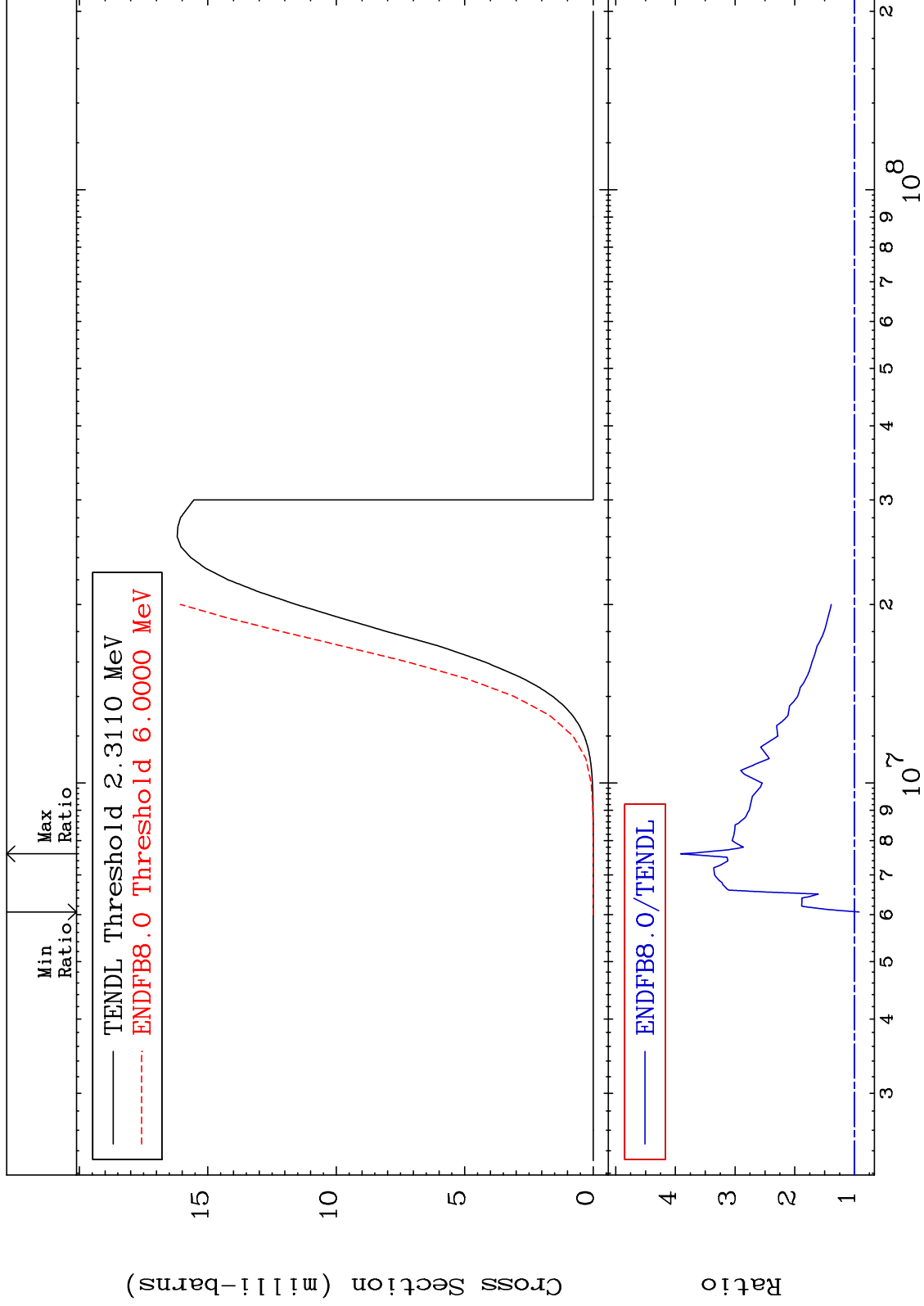
MAT 7043

(n, p)

70-Yb-174

Cross Section

-7.772 To 291.3 %



40

Incident Energy (eV)

70-Yb-174

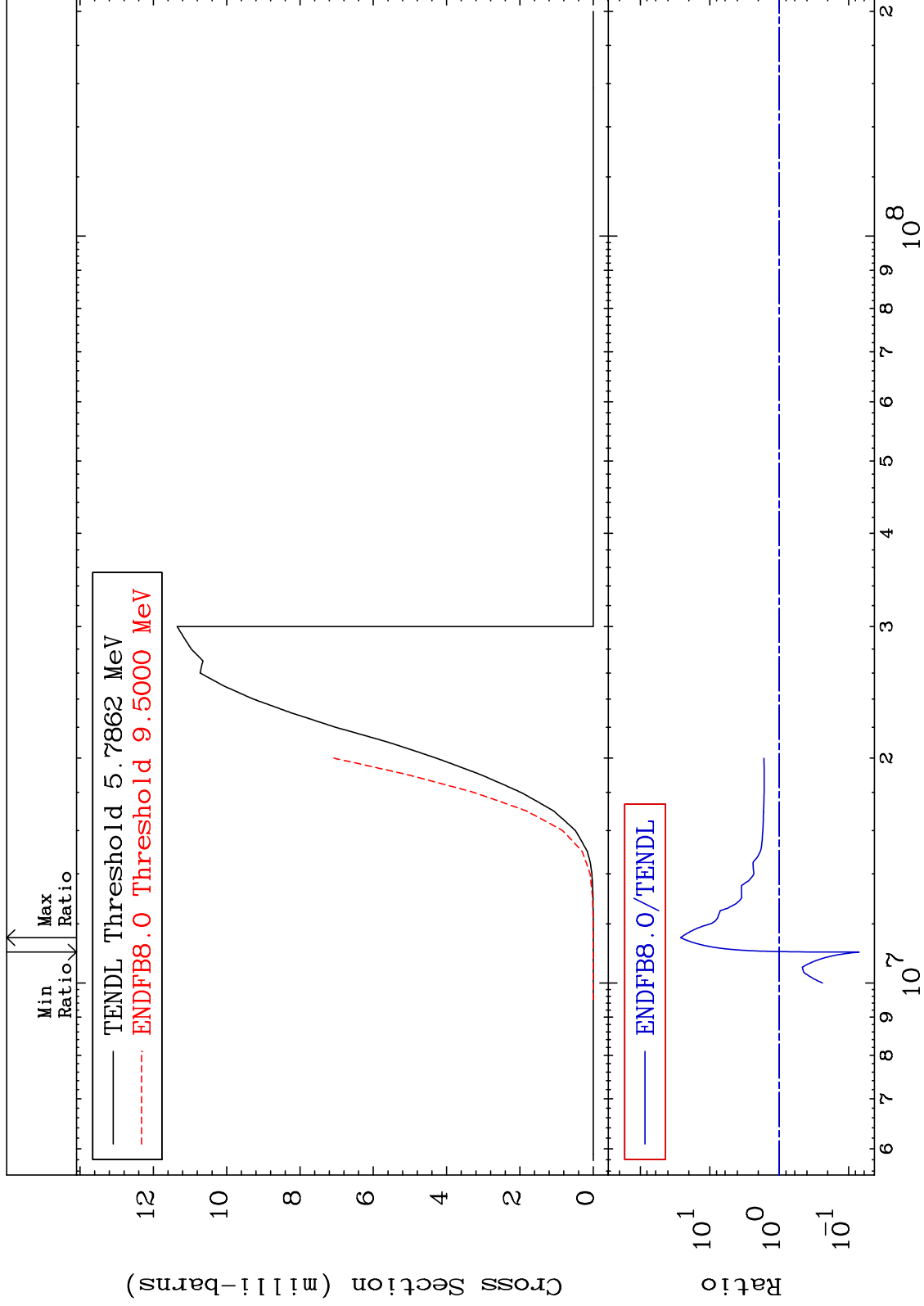
MAT 7043

(n, d)

70-Yb-174

Cross Section

-92.94 To 2527. %



41

Incident Energy (eV)

70-Yb-174

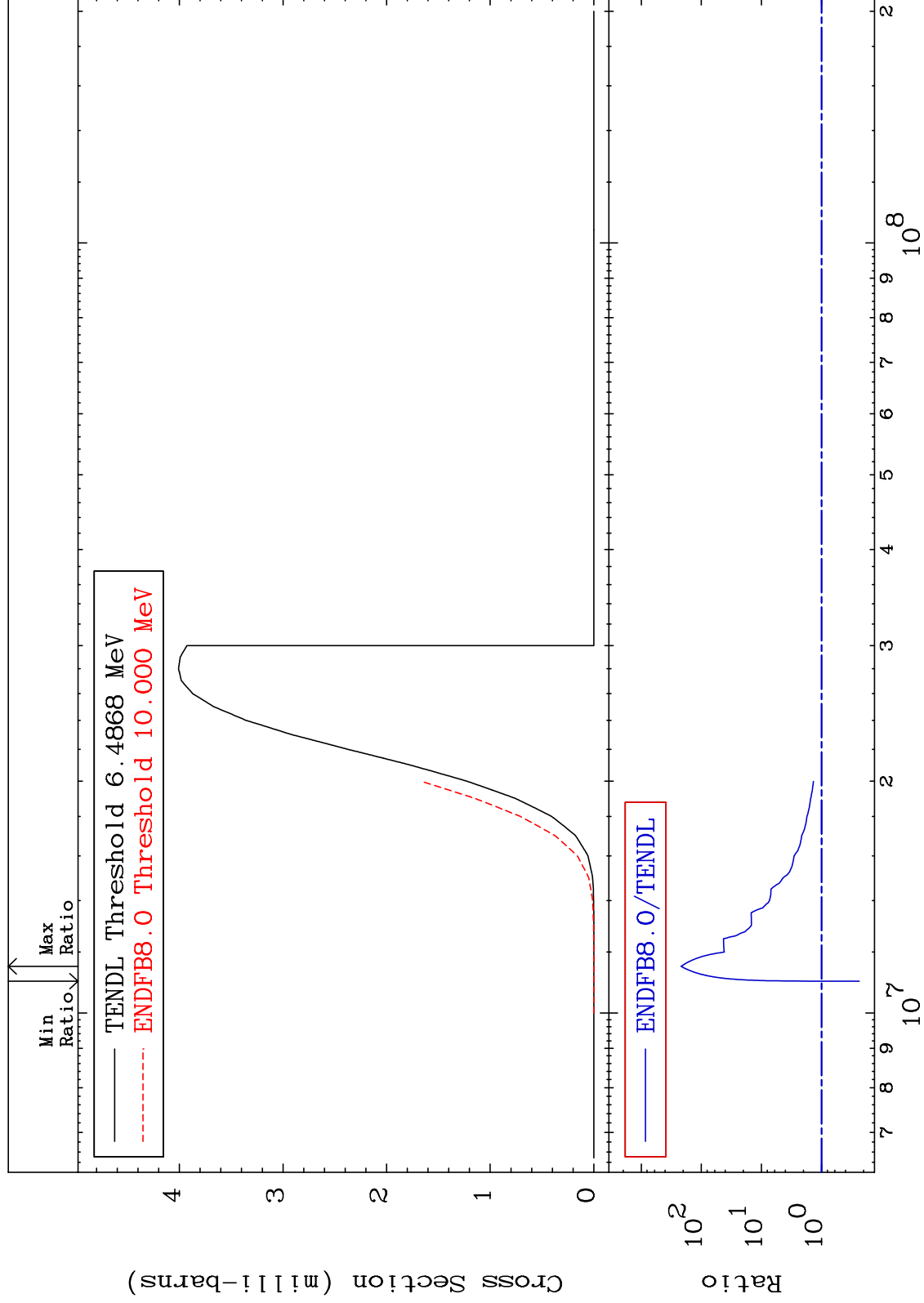
MAT 7043

(n, t)

70-Yb-174

Cross Section

-76.47 To 9999. %



42

Incident Energy (eV)

70-Yb-174

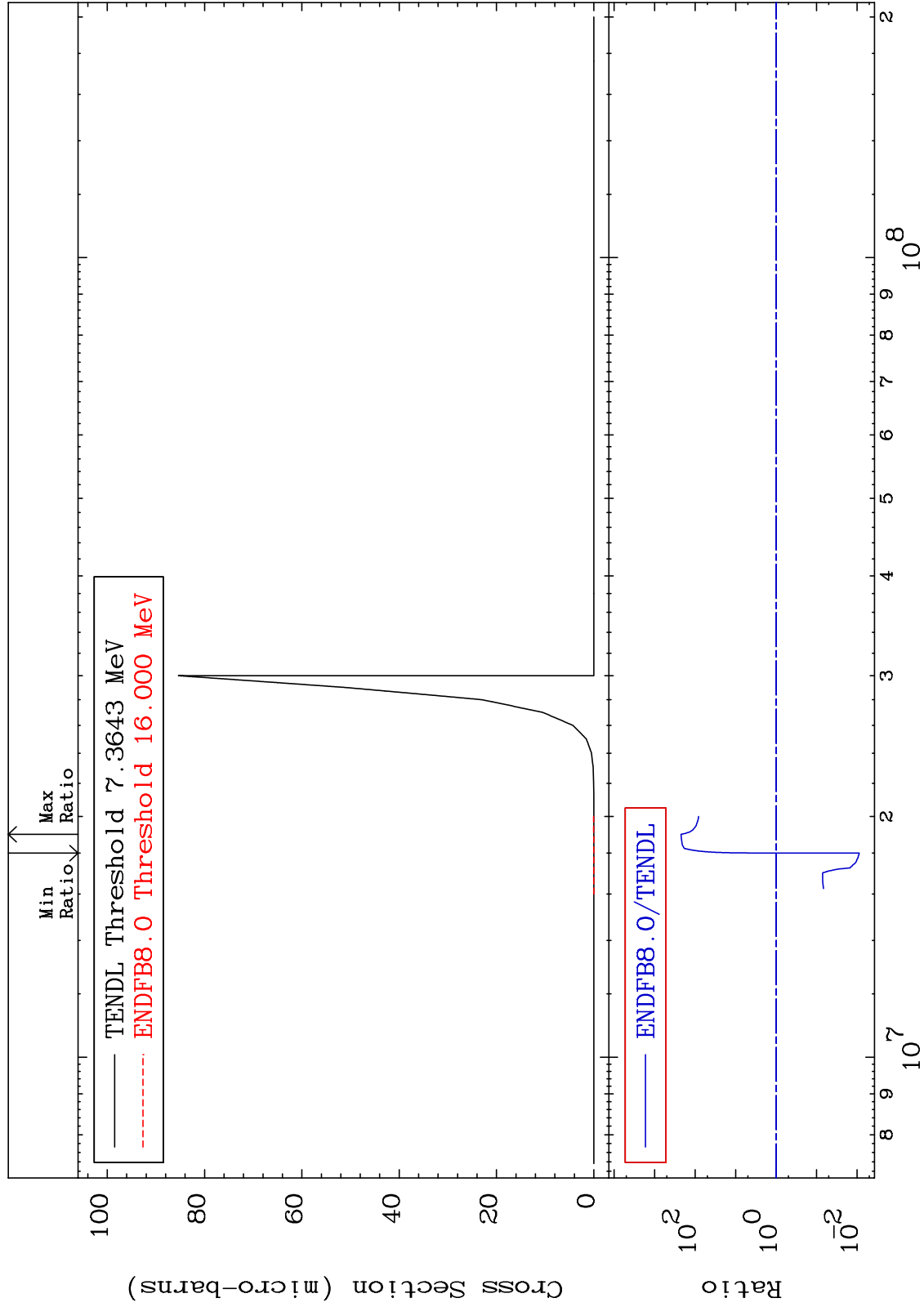
MAT 7043

(n, He-3)

70-Yb-174

Cross Section

-99.12 To 9999. %



43

Incident Energy (eV)

70-Yb-174

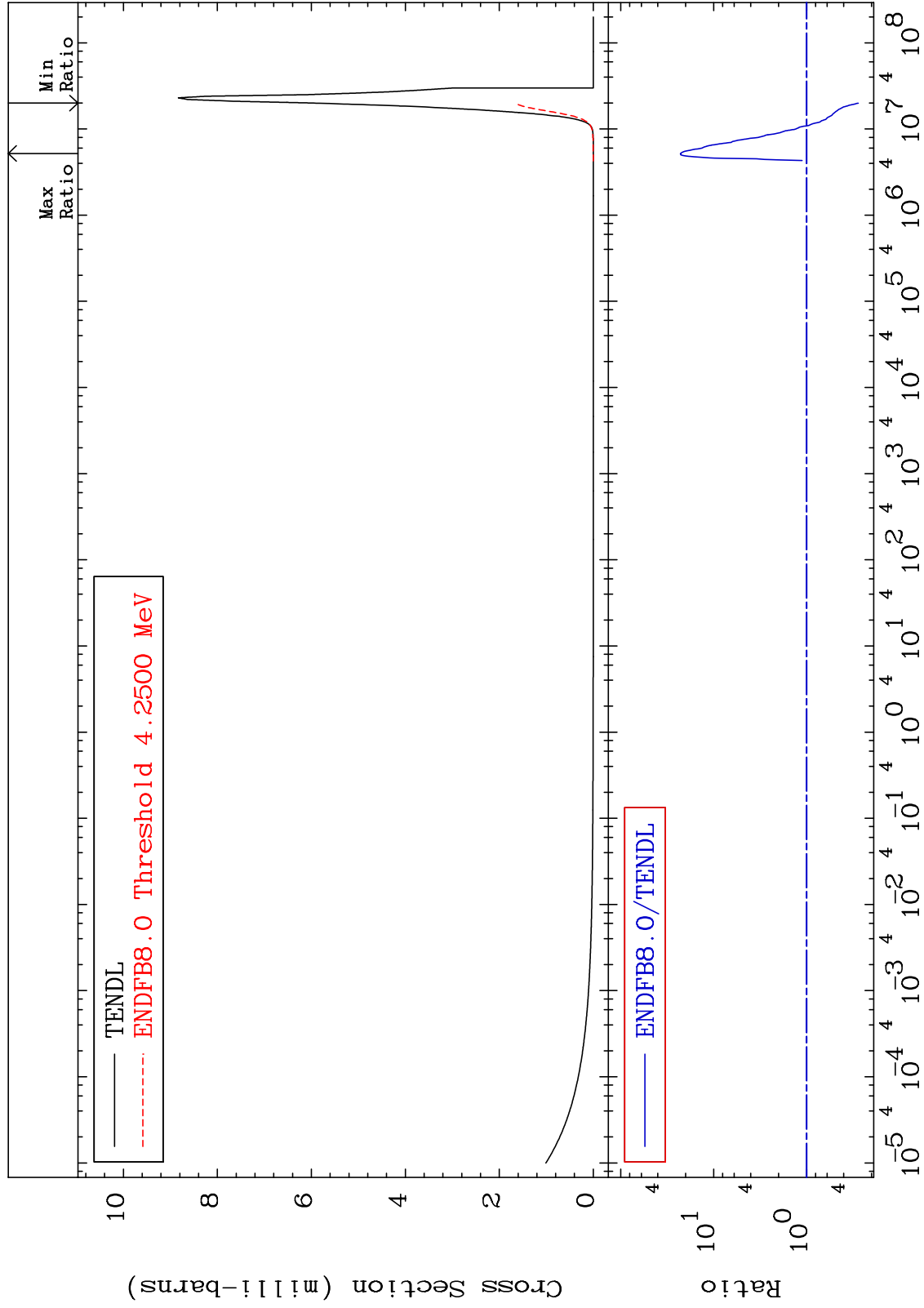
MAT 7043

(n,  $\alpha$ )

70-Yb-174

Cross Section

-72.37 To 2176. %



44

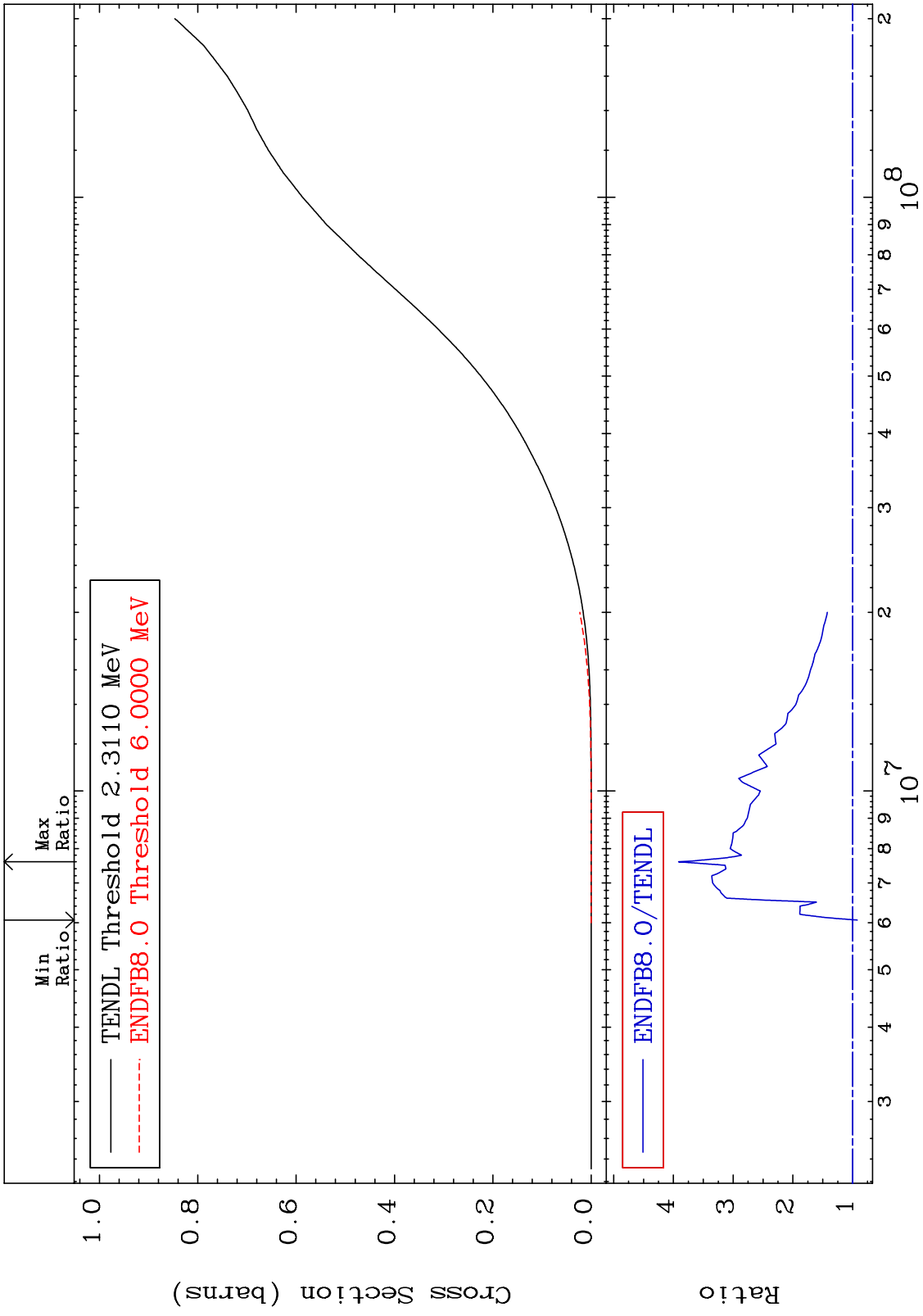
Incident Energy (eV)

70-Yb-174

MAT 7043

Hydrogen Production  
Cross Section

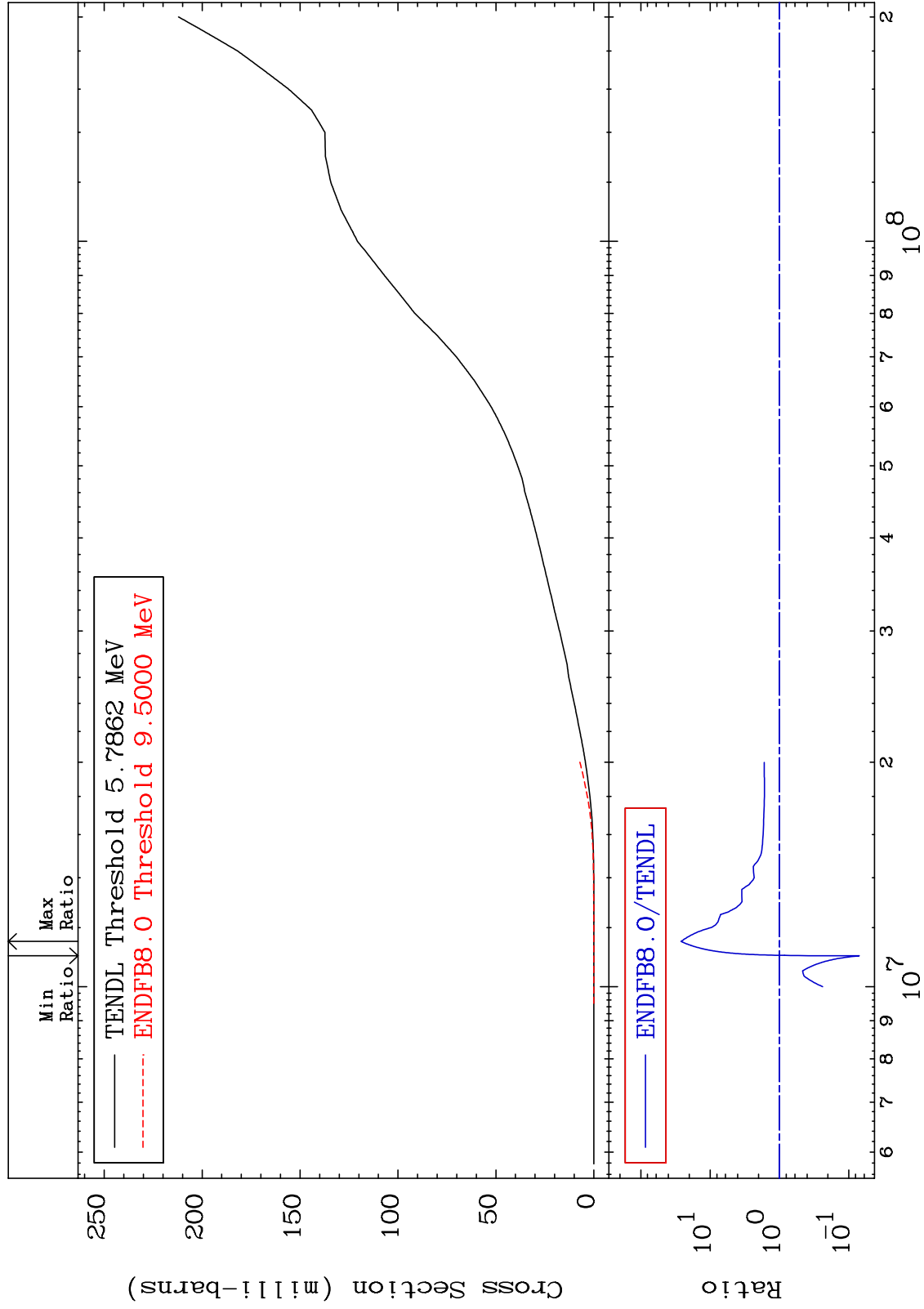
70-Yb-174  
-7.772 To 291.3 %



MAT 7043

Deuterium Production  
Cross Section

70-Yb-174  
-92.94 To 2527. %



46

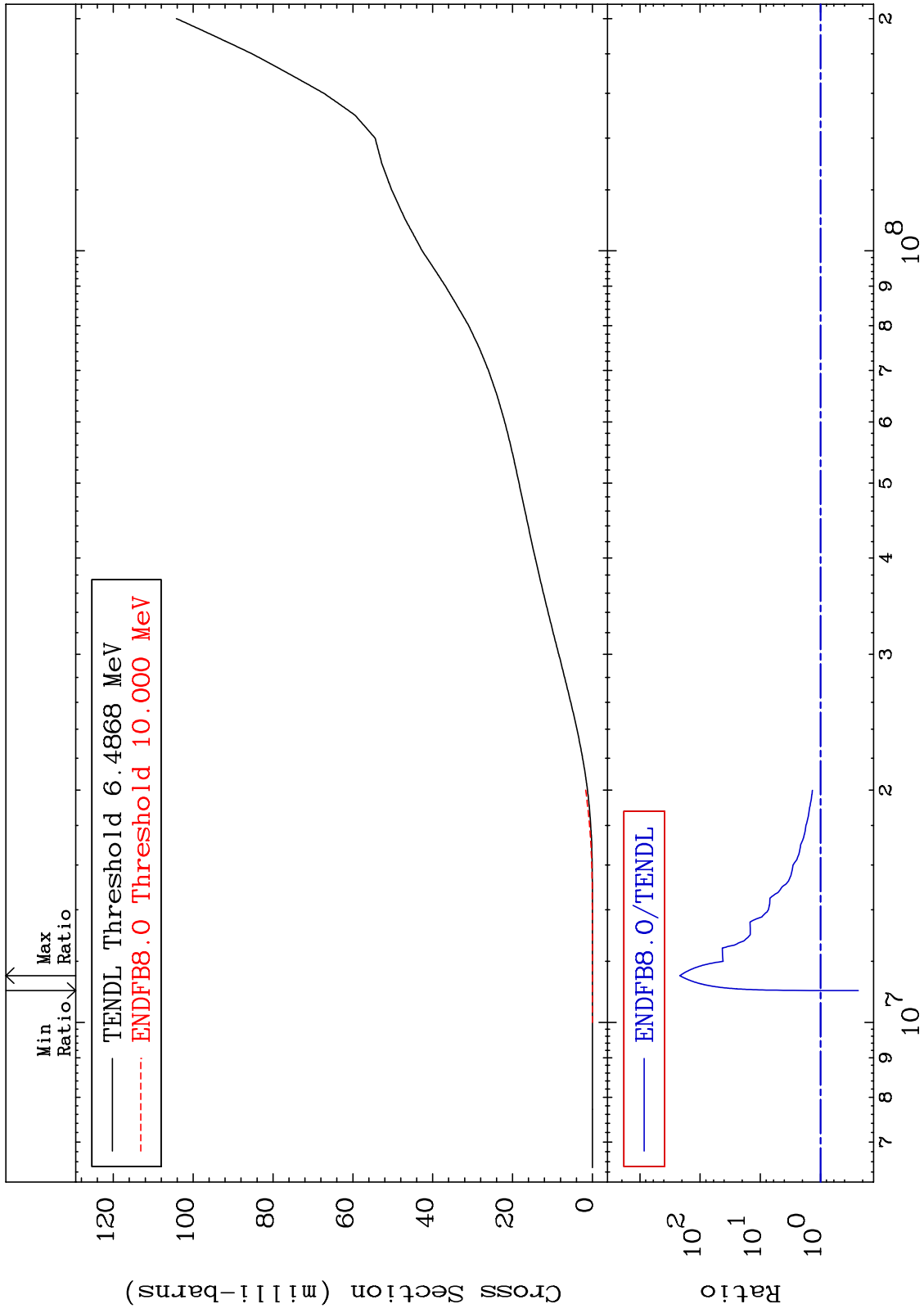
Incident Energy (eV)

70-Yb-174

MAT 7043

Tritium Production  
Cross Section

70-Yb-174  
-76.47 To 9999. %



47

Incident Energy (eV)

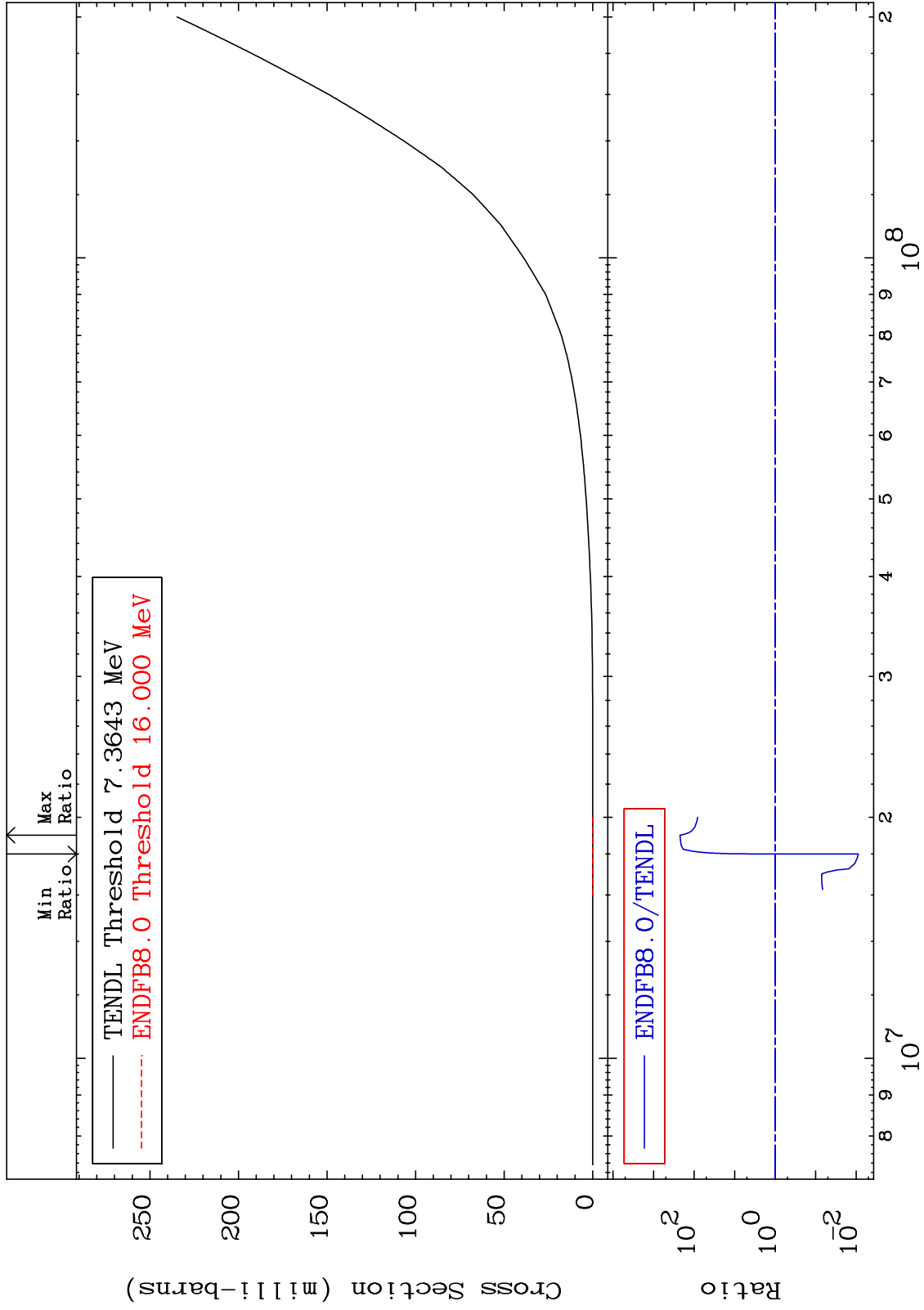
70-Yb-174



MAT 7043

He-3 Production  
Cross Section

<sup>70</sup>Yb-174  
-99.12 To 9999. %



48

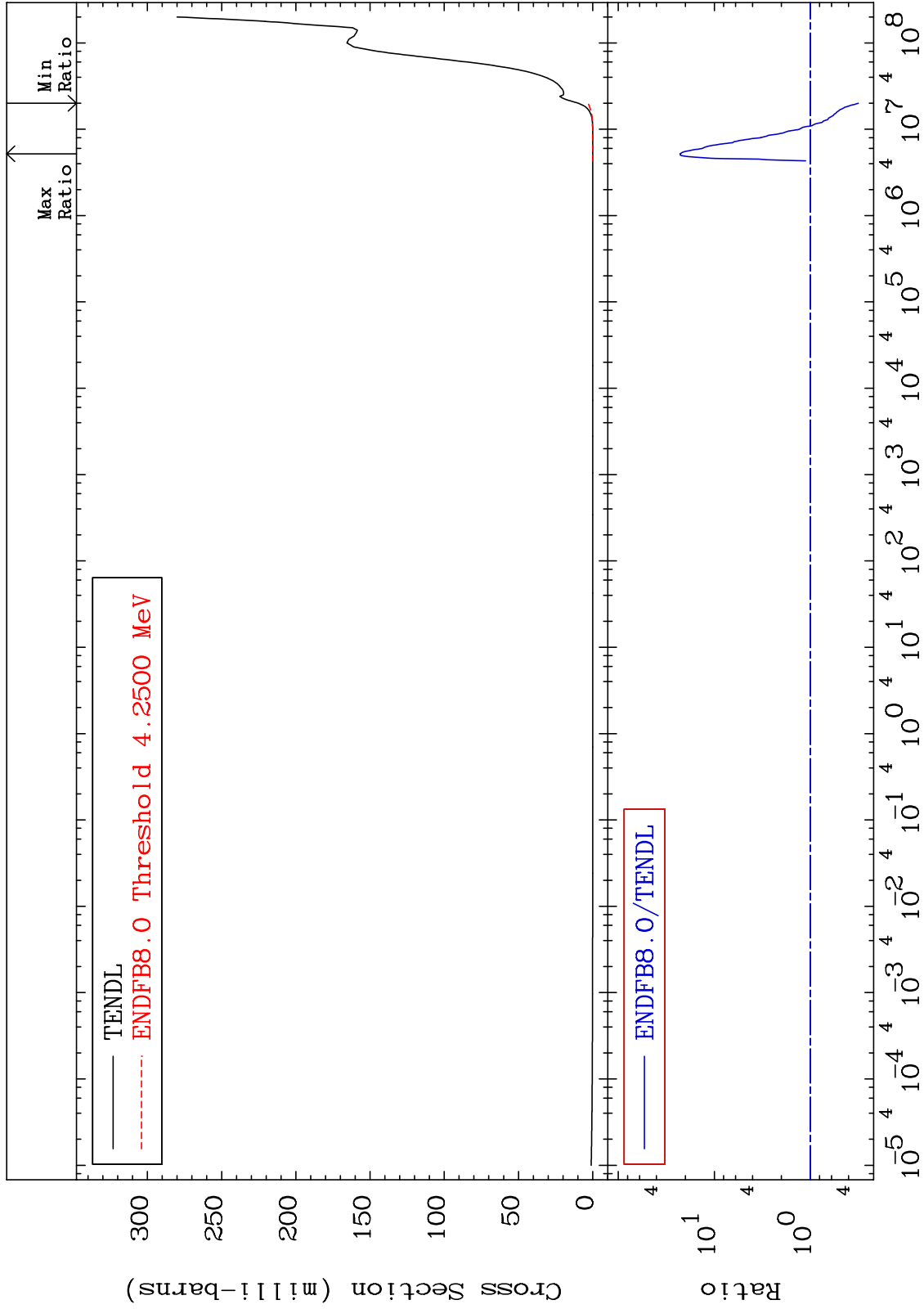
Incident Energy (eV)

<sup>70</sup>Yb-174

MAT 7043

He-4 Production  
Cross Section

70-Yb-174  
-68.42 To 2176. %



49

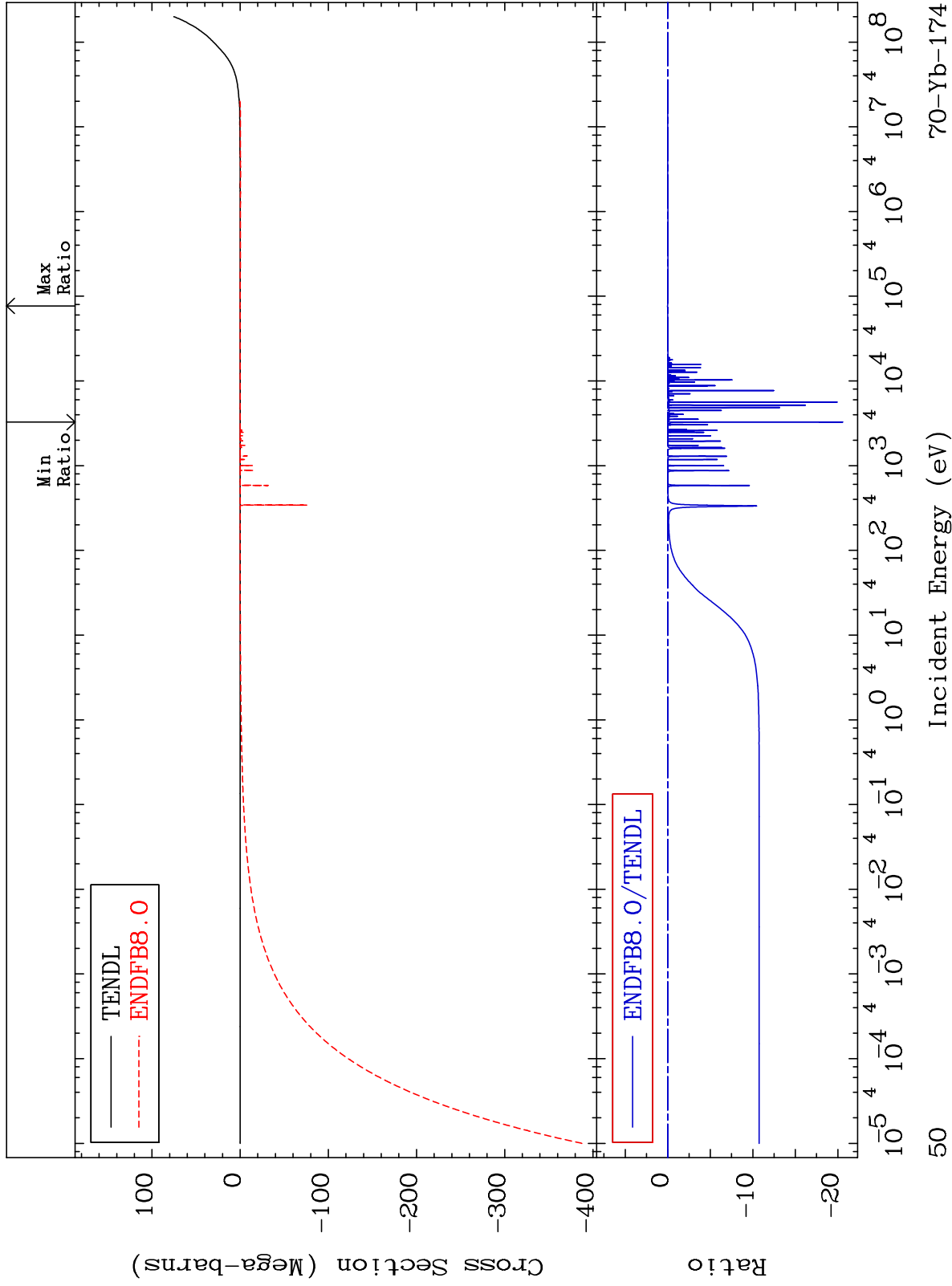
Incident Energy (eV)

70-Yb-174

MAT 7043

Kerma total (eV-barns)  
Cross Section

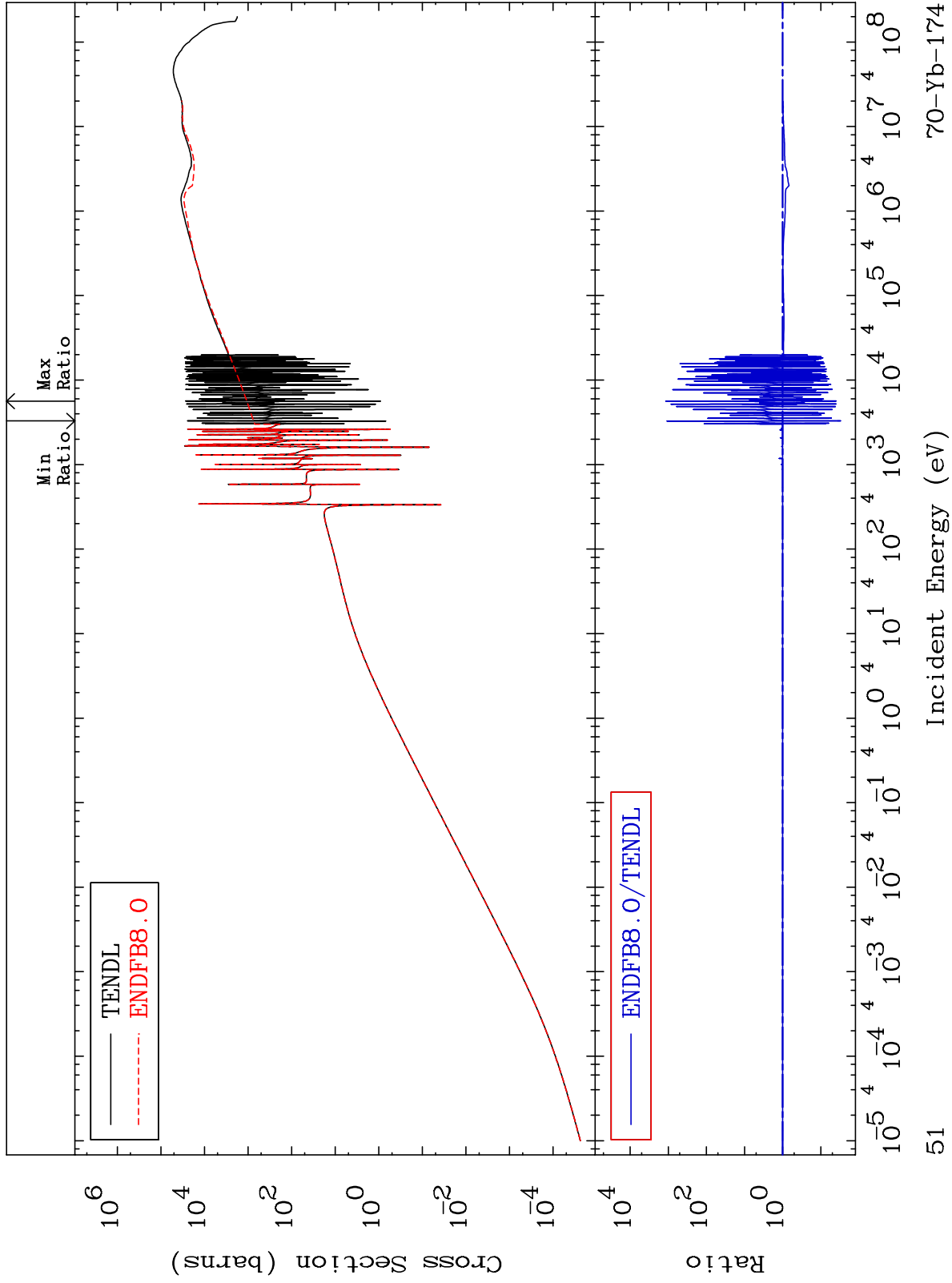
70-Yb-174  
-9999. To 2481. %



MAT 7043

Kerma elastic  
Cross Section

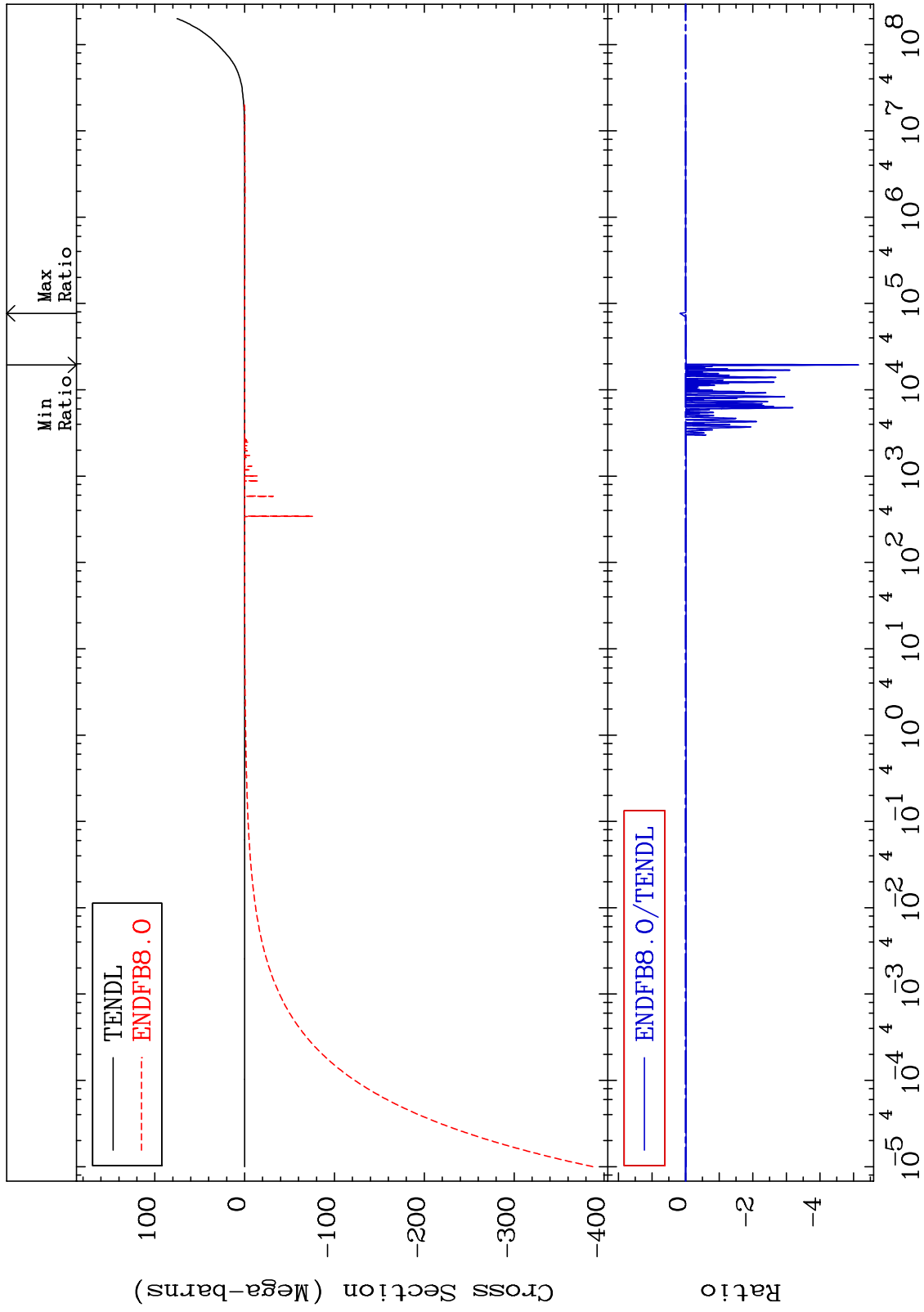
70-Yb-174  
-96.95 To 9999. %



MAT 7043

Kerma non-elastic (all but mt2)  
Cross Section

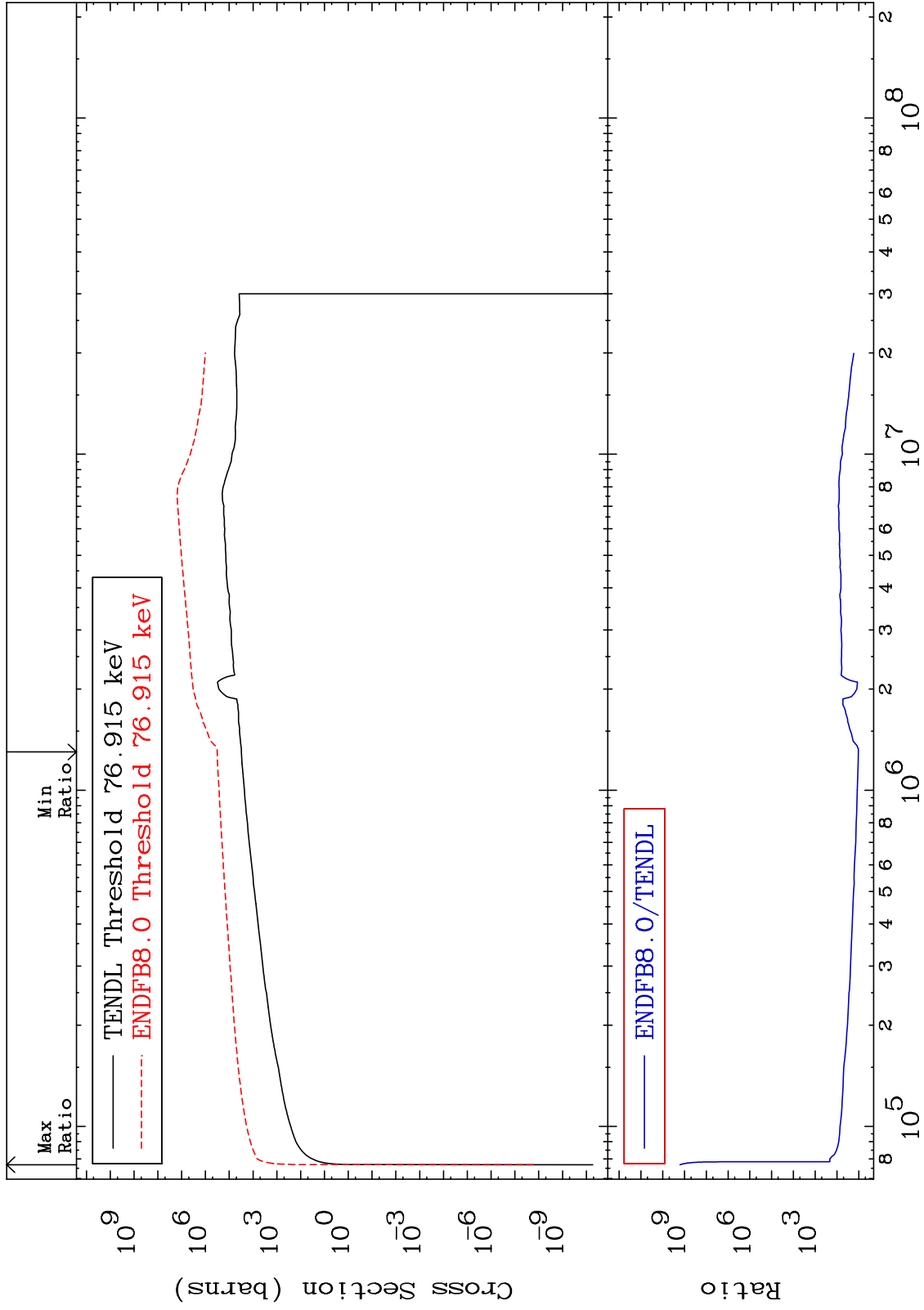
70-Yb-174  
-9999. To 9999. %



MAT 7043

Kerma inelastic (mt51-91)  
Cross Section

70-Yb-174  
931.1 To 9999. %



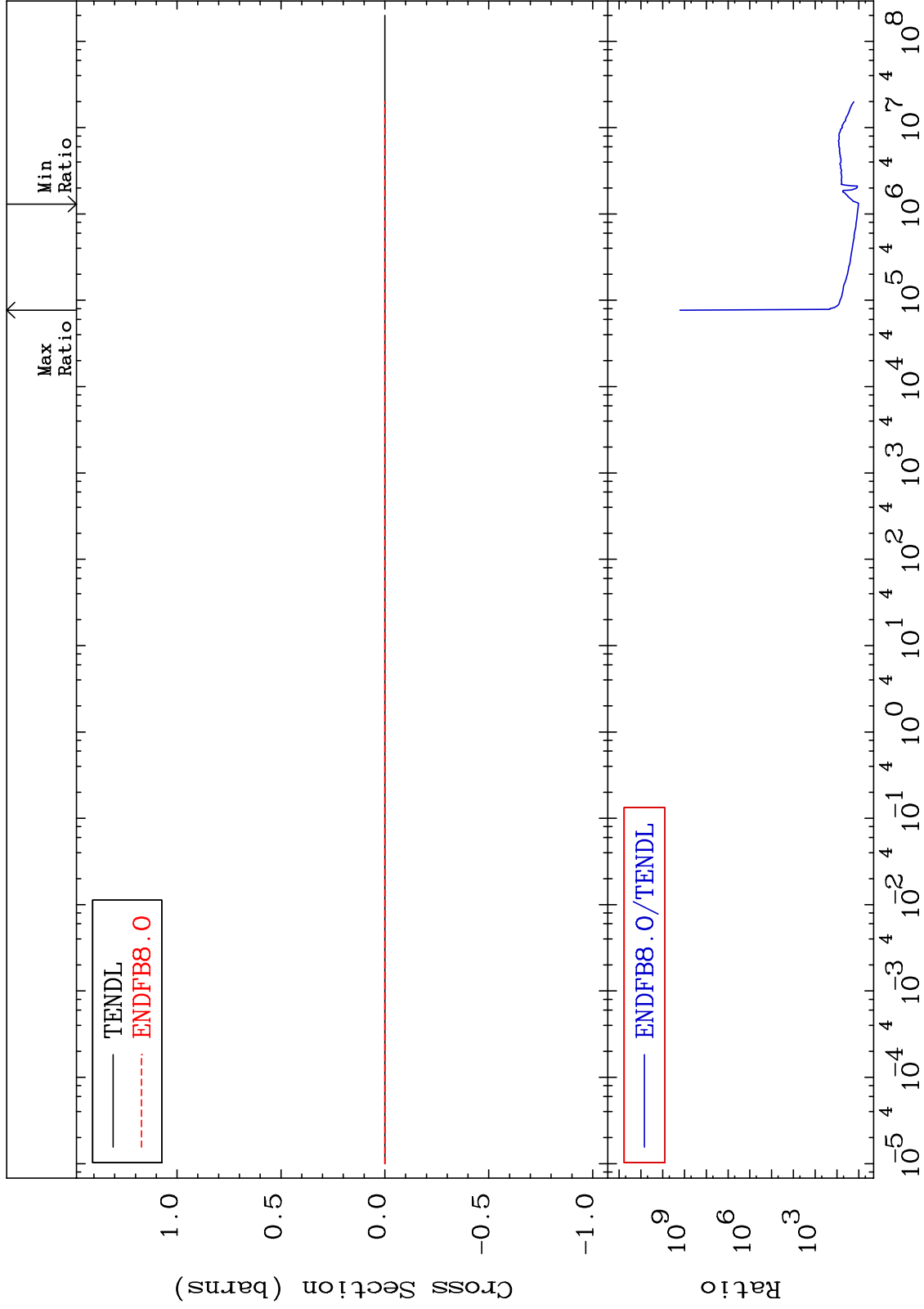
53

70-Yb-174

MAT 7043

Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

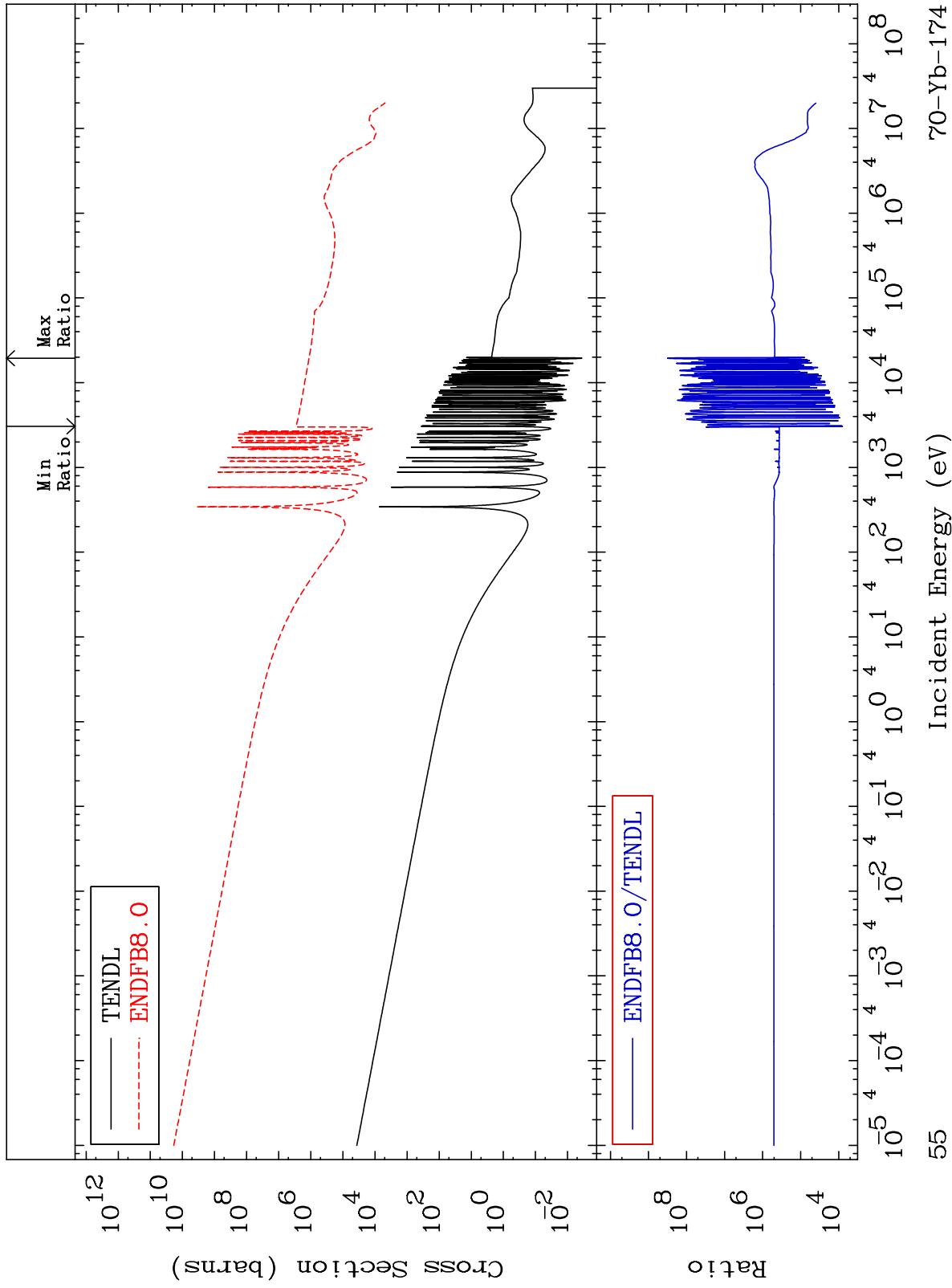
70-Yb-174  
931.1 To 9999. %



MAT 7043

Kerma capture (mt102)  
Cross Section

70-Yb-174  
9999. To 9999. %



55

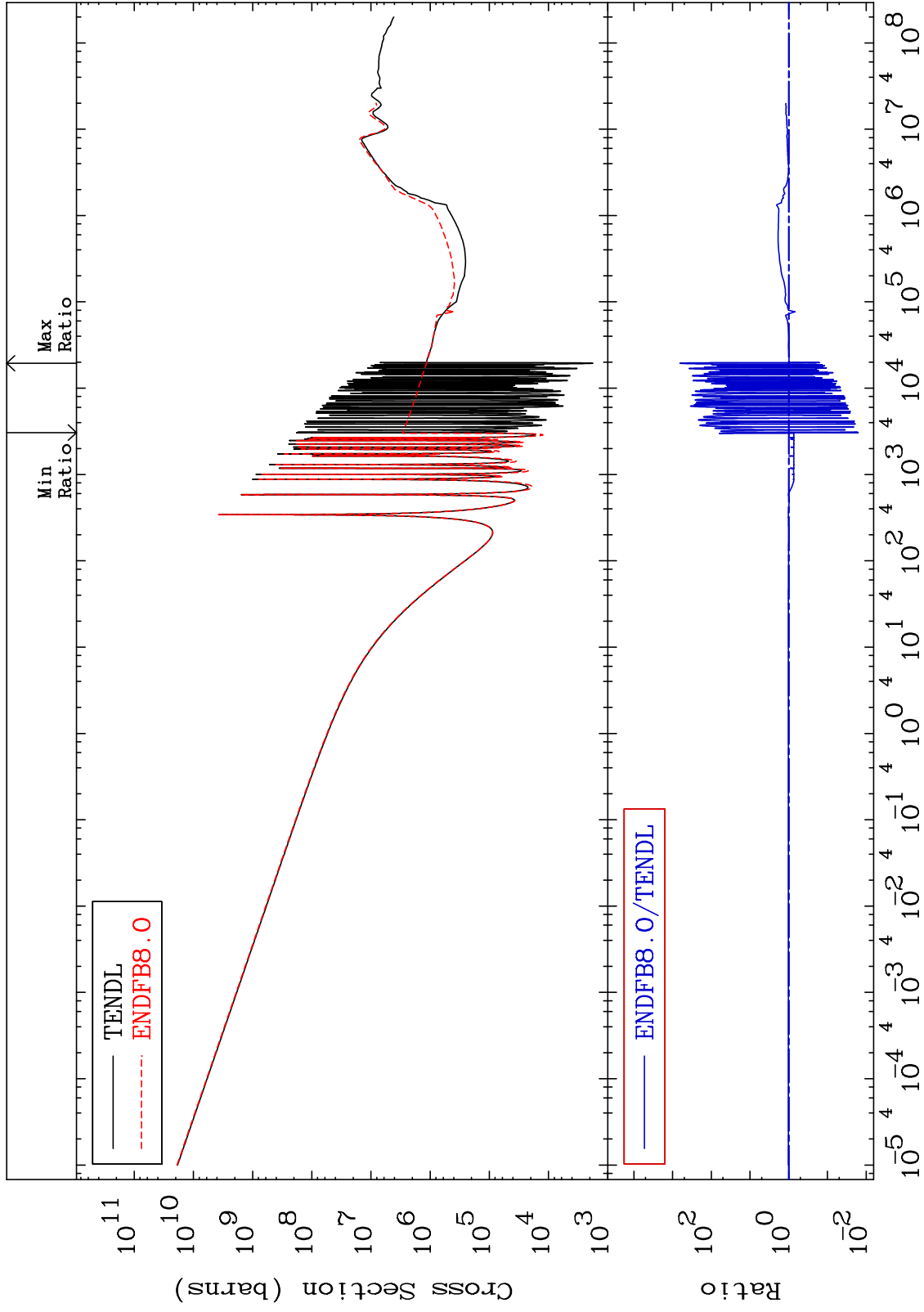
70-Yb-174



MAT 7043

Total photon (eV-barns)  
Cross Section

70-Yb-174  
-98.41 To 9999. %



56

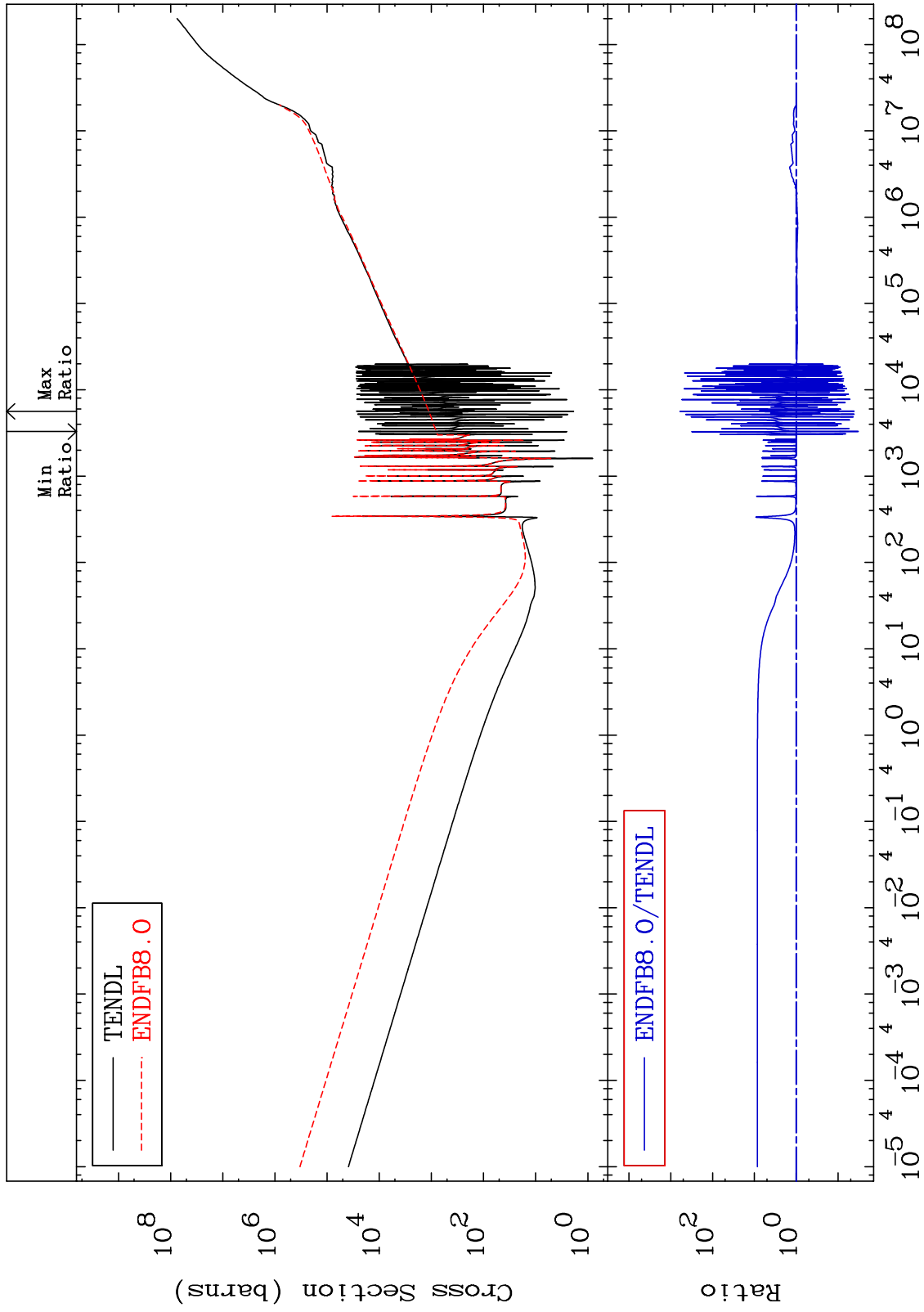
Incident Energy (eV)

70-Yb-174

MAT 7043

Total kinematic kerma (high limit)  
Cross Section

70-Yb-174  
-96.74 To 9999. %



57

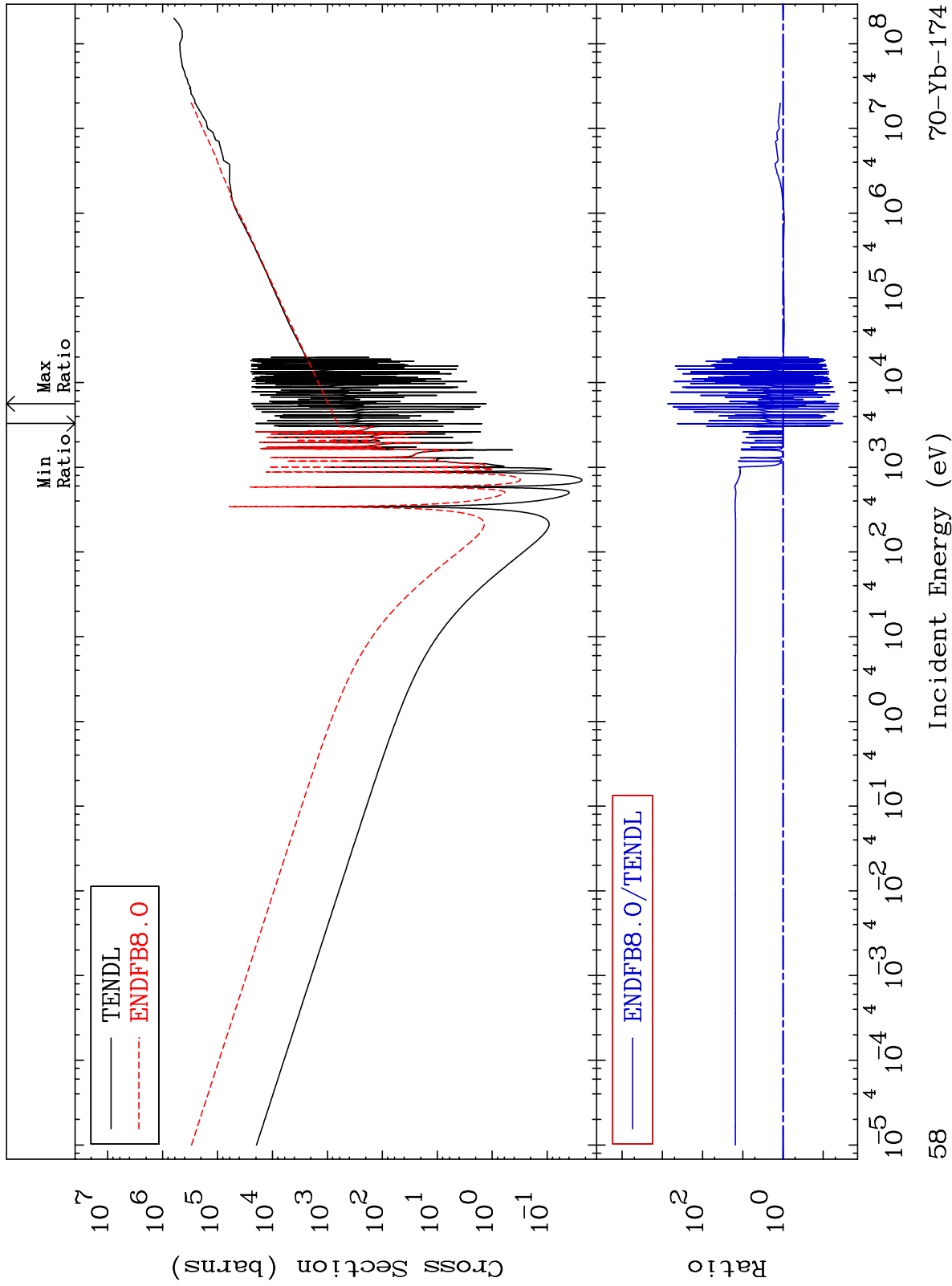
Incident Energy (eV)

70-Yb-174

MAT 7043

Dpa total (eV-barns)  
Cross Section

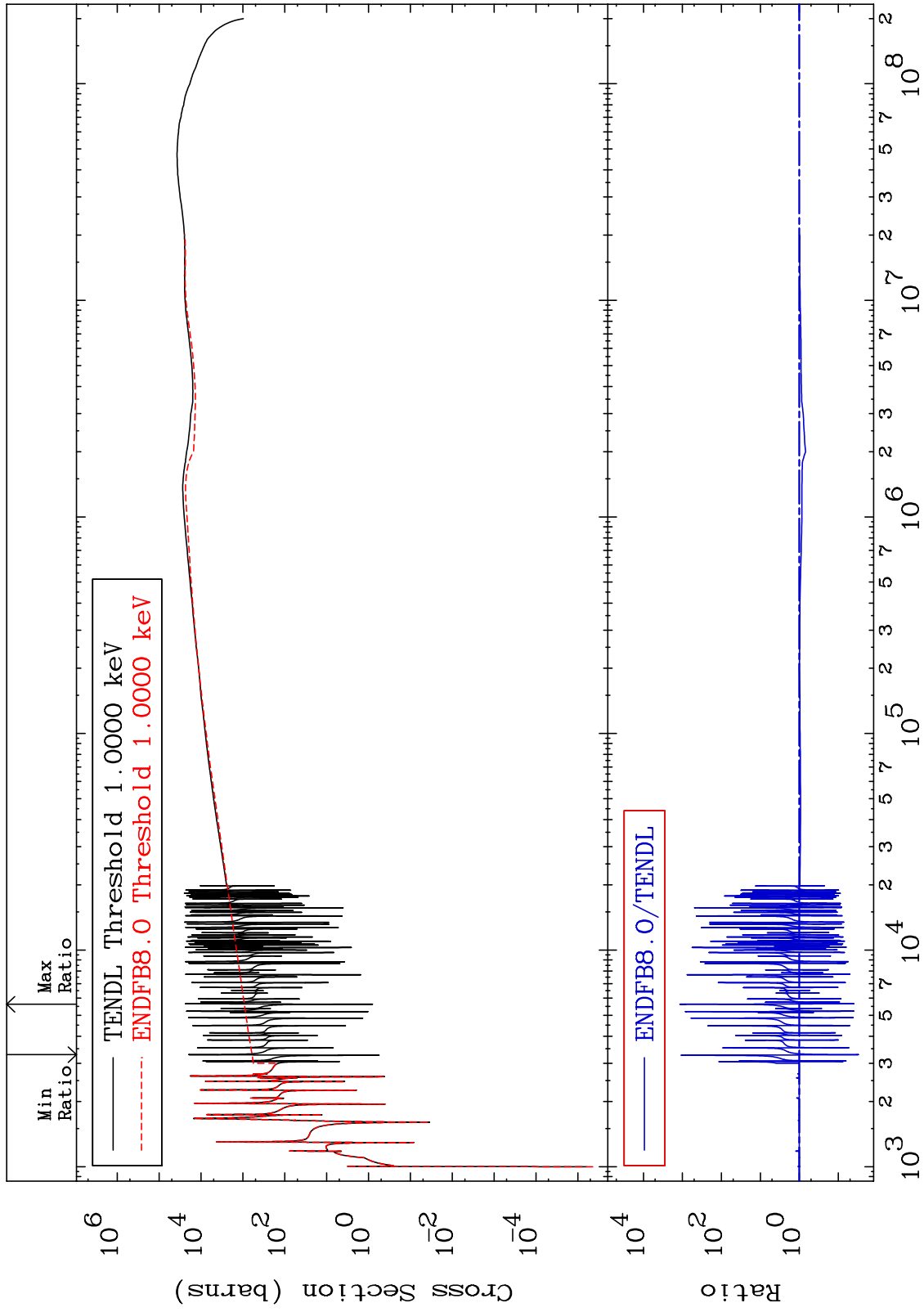
70-Yb-174  
-96.72 To 9999. %



MAT 7043

Dpa elastic (mt2)  
Cross Section

70-Yb-174  
-96.96 To 9999. %



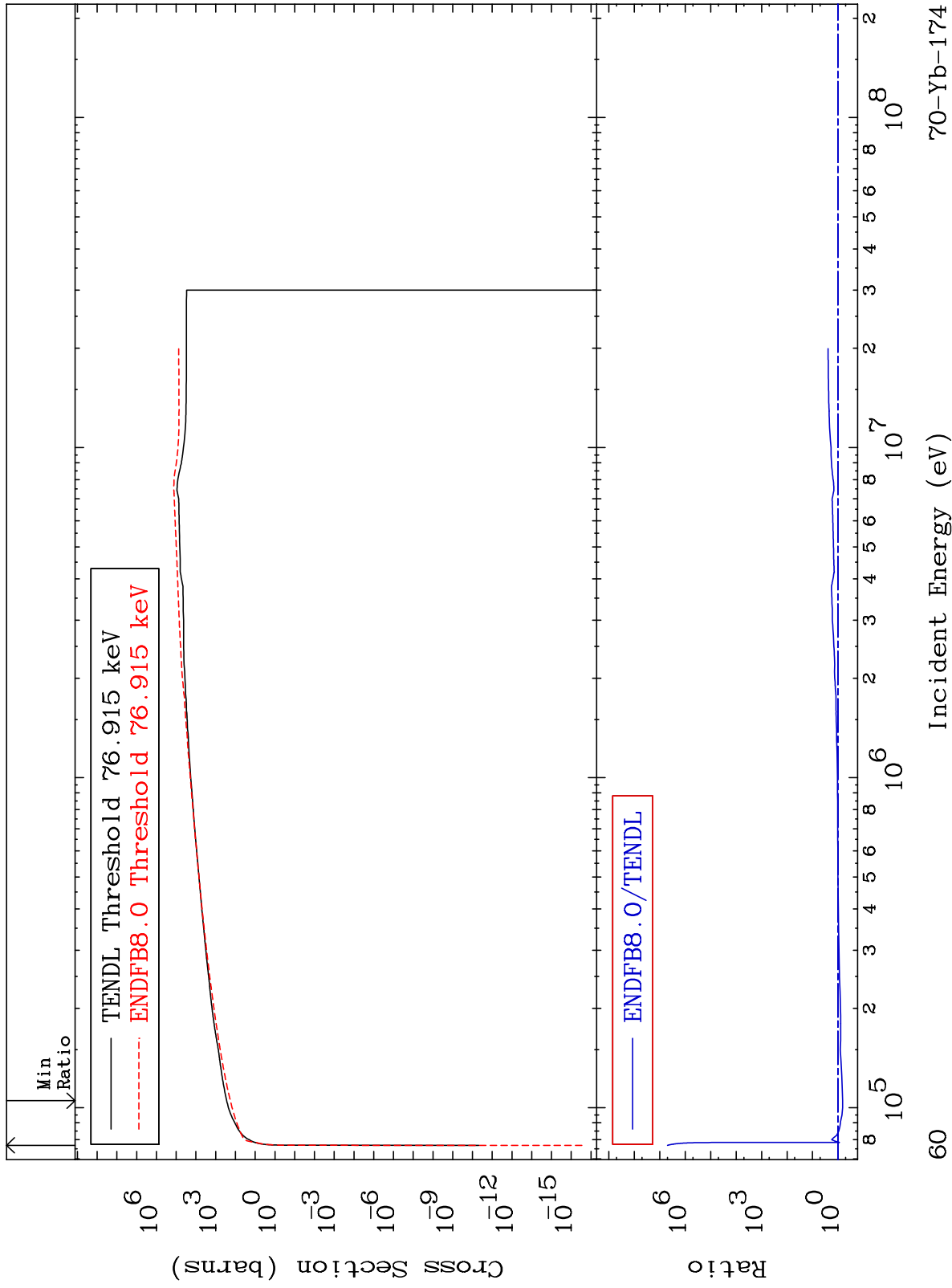
59

70-Yb-174

MAT 7043

Dpa inelastic (mt51-91)  
Cross Section

70-Yb-174  
-34.54 To 9999. %



MAT 7043

Dpa disappearance (mt102 -120)  
Cross Section

70-Yb-174  
-72.40 To 9999. %

