

Program Complot  
(Version 2021-1)

by

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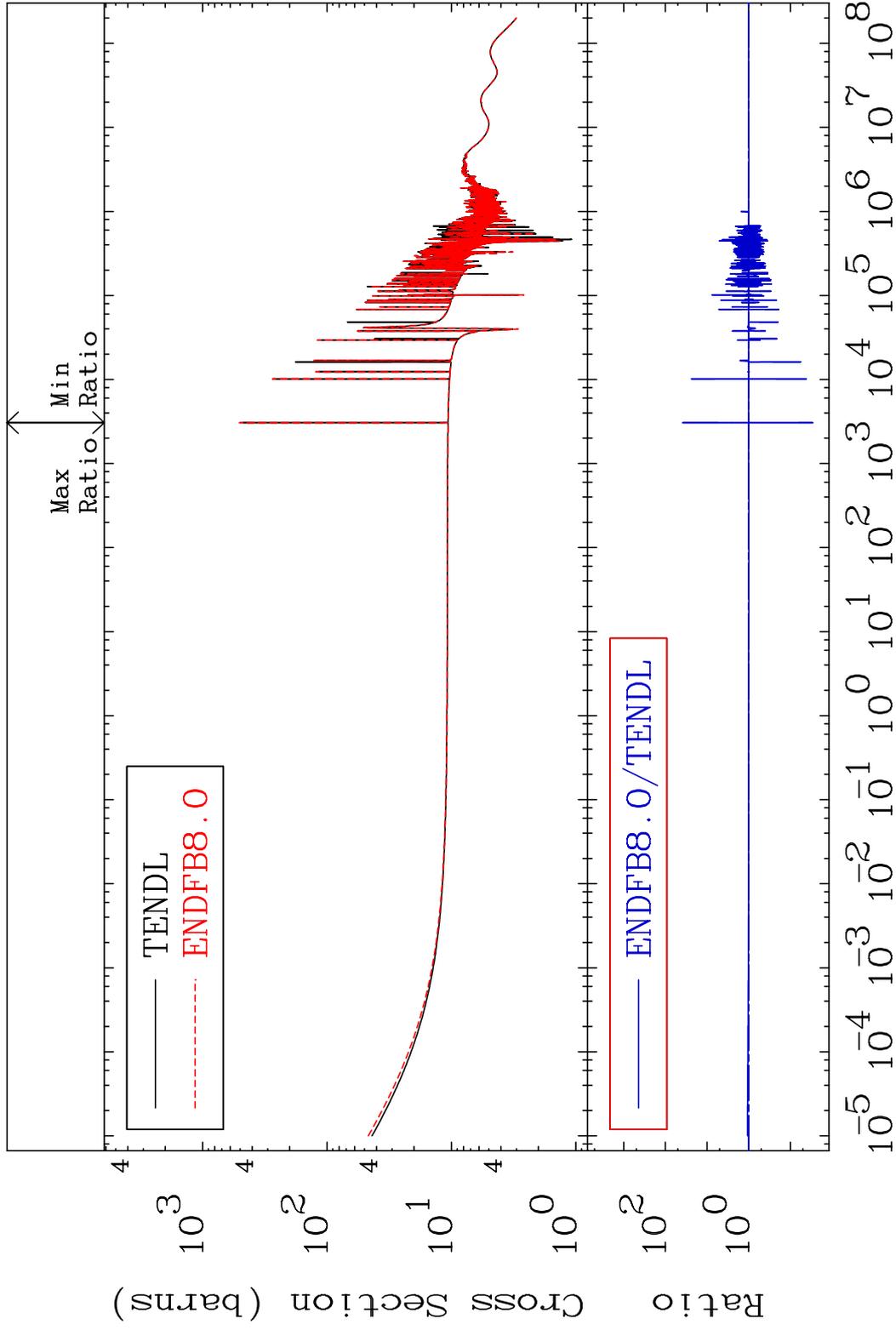
Press Mouse Button to Start

MAT 8234

Total

82-Pb-207

Cross Section -97.16 To 3715. %



1

Incident Energy (eV)

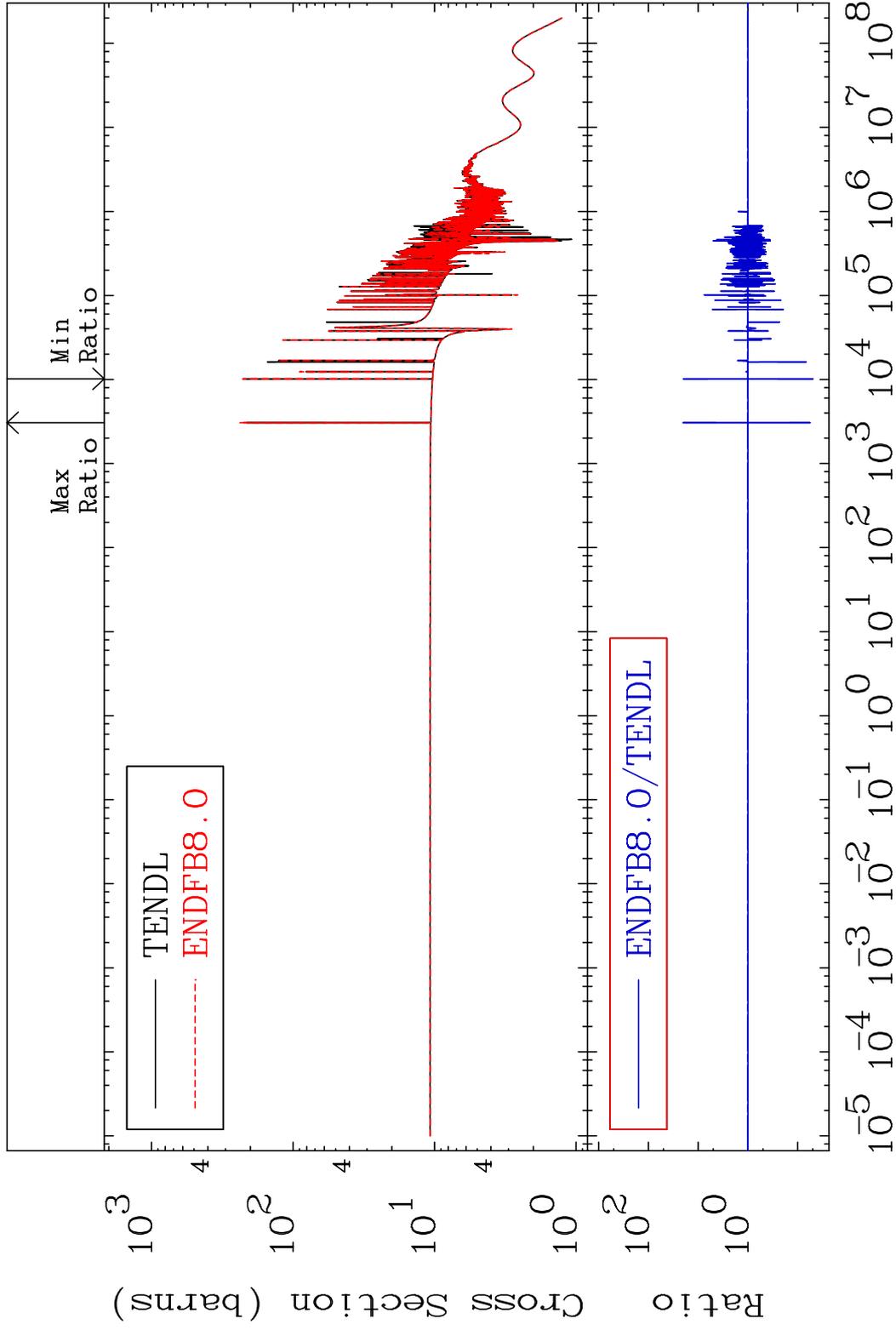
82-Pb-207

MAT 8234

Elastic

82-Pb-207

Cross Section -95.11 To 1932. %



2

Incident Energy (eV)

82-Pb-207

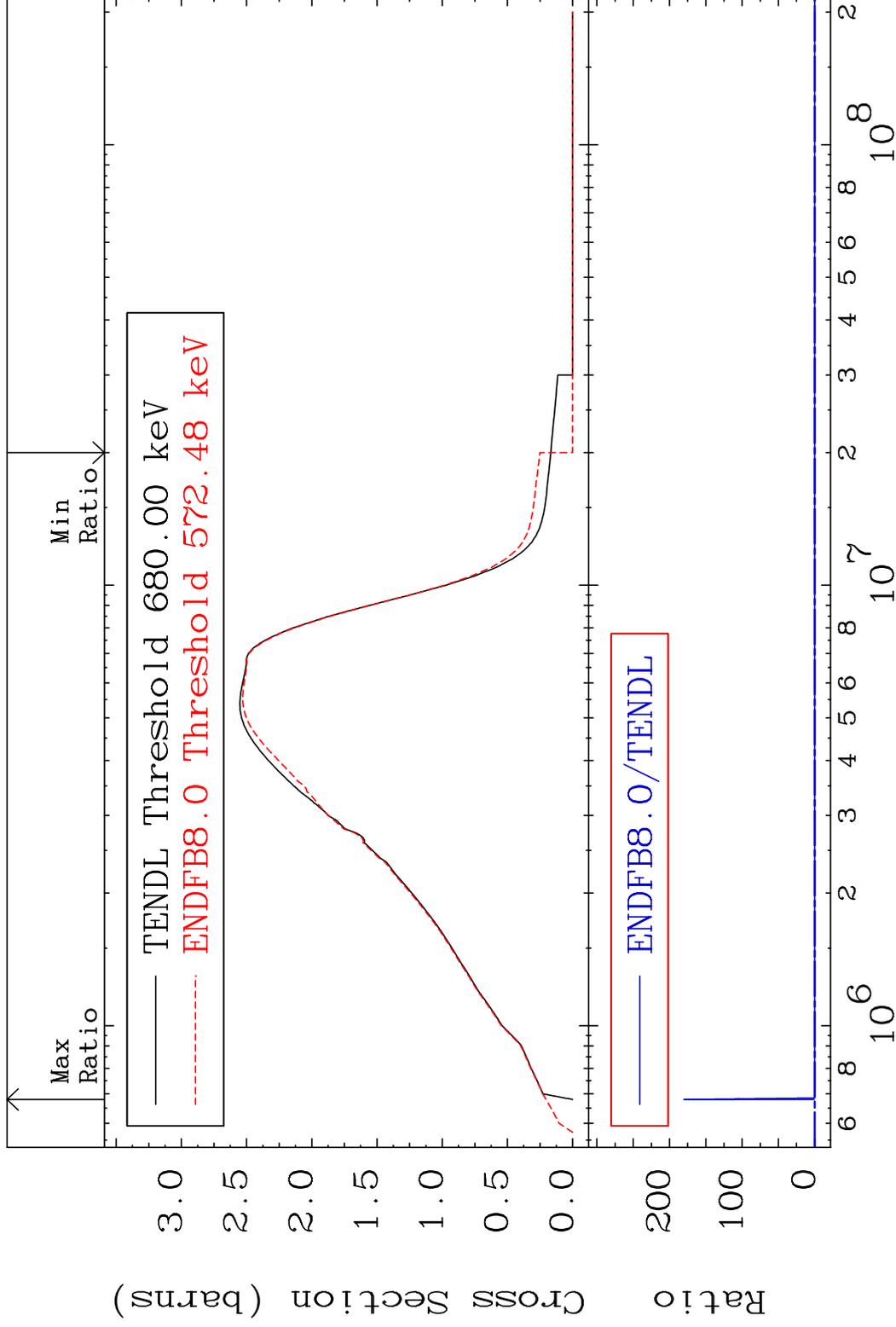
MAT 8234

Inelastic

82-Pb-207

Cross Section

-100.0 To 9999. %



3

Incident Energy (eV)

82-Pb-207

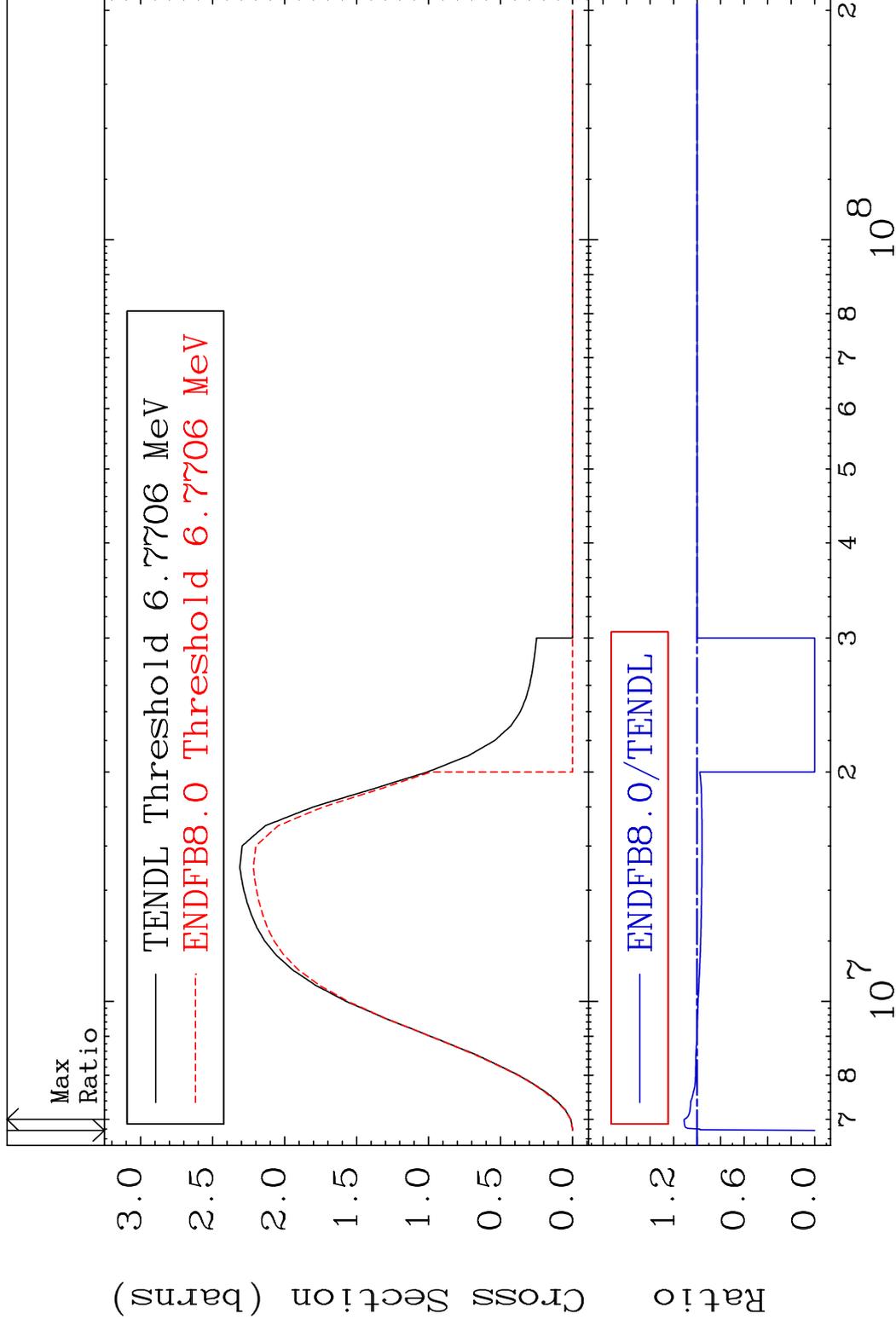


MAT 8234

(n,2n)

82-Pb-207

Cross Section -100.0 To 11.02 %



5

Incident Energy (eV)

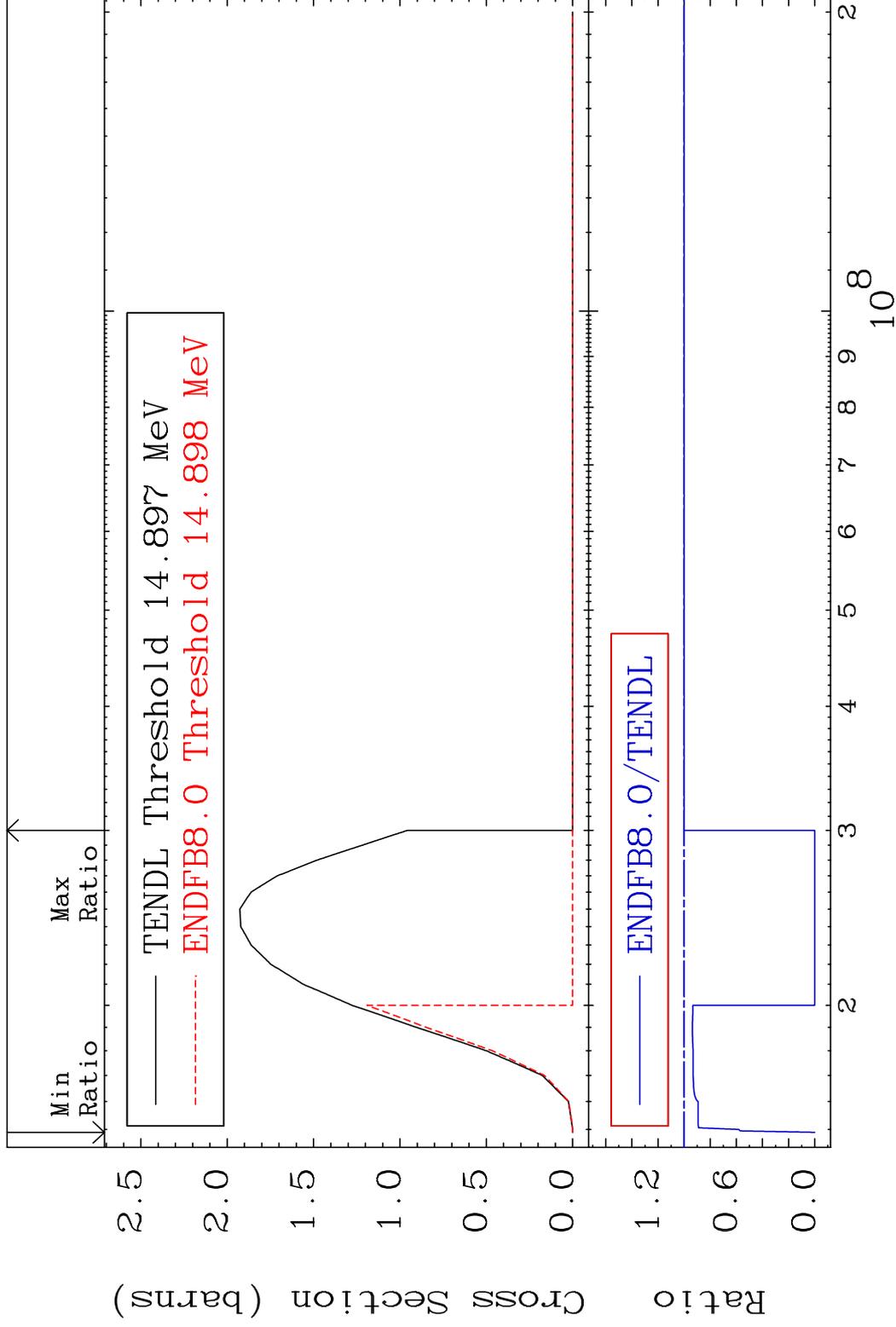
82-Pb-207

MAT 8234

(n,3n)

82-Pb-207

Cross Section -100.0 To 0.000 %

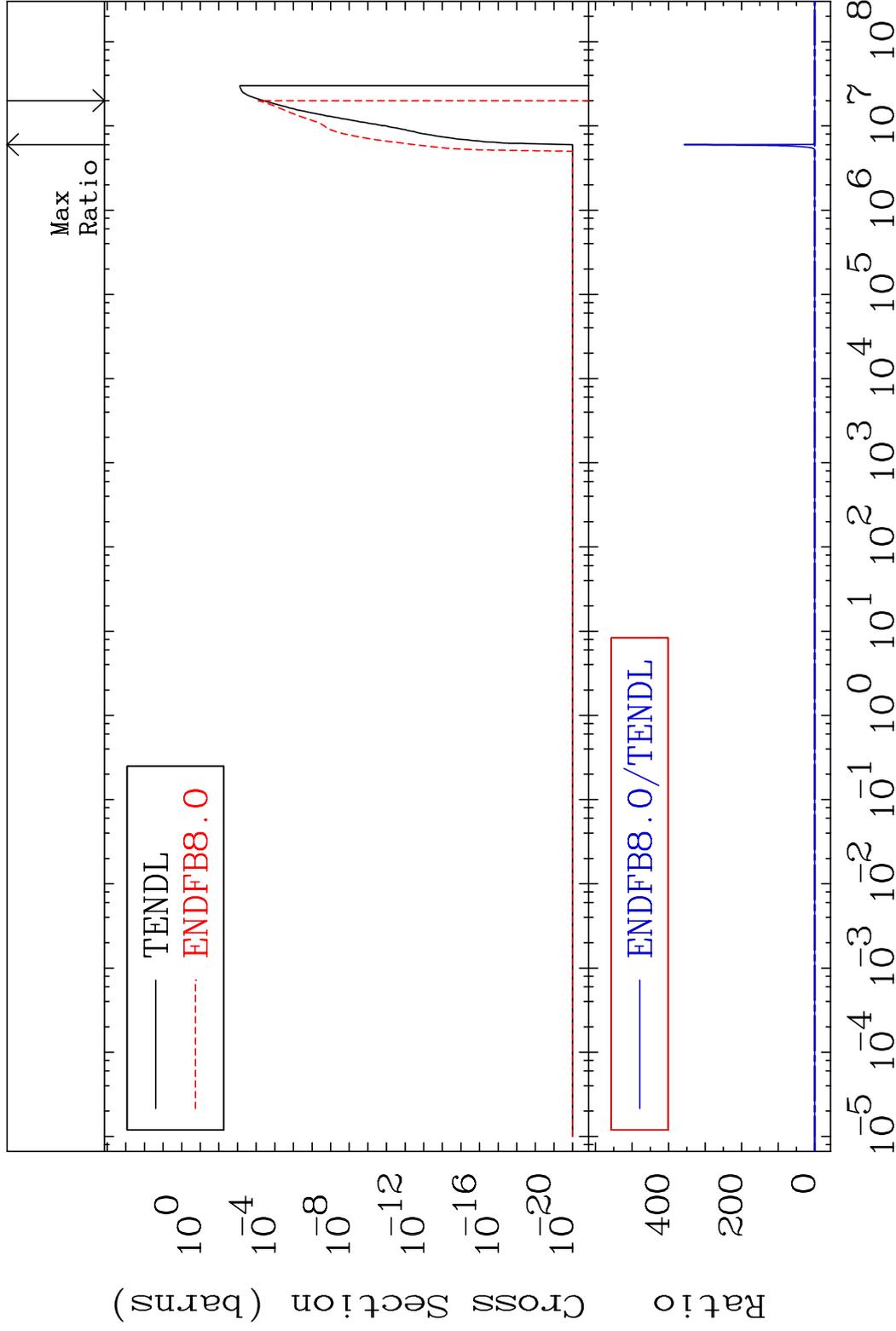


MAT 8234

(n, n')  $\alpha$

82-Pb-207

Cross Section -100.0 To 9999. %



7

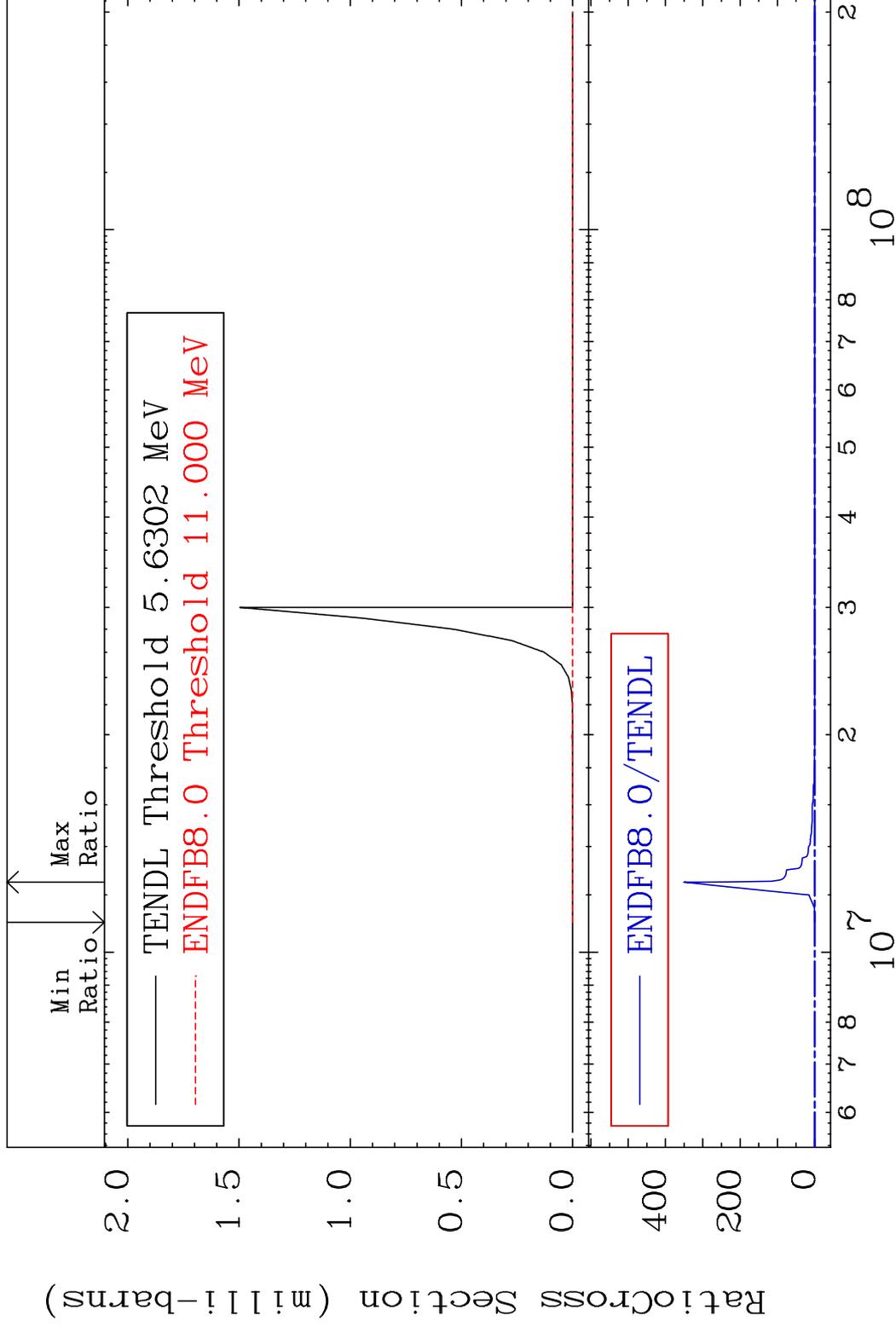
Incident Energy (eV)

82-Pb-207

MAT 8234

(n,2n)  $\alpha$  82-Pb-207

Cross Section -100.0 To 9999. %

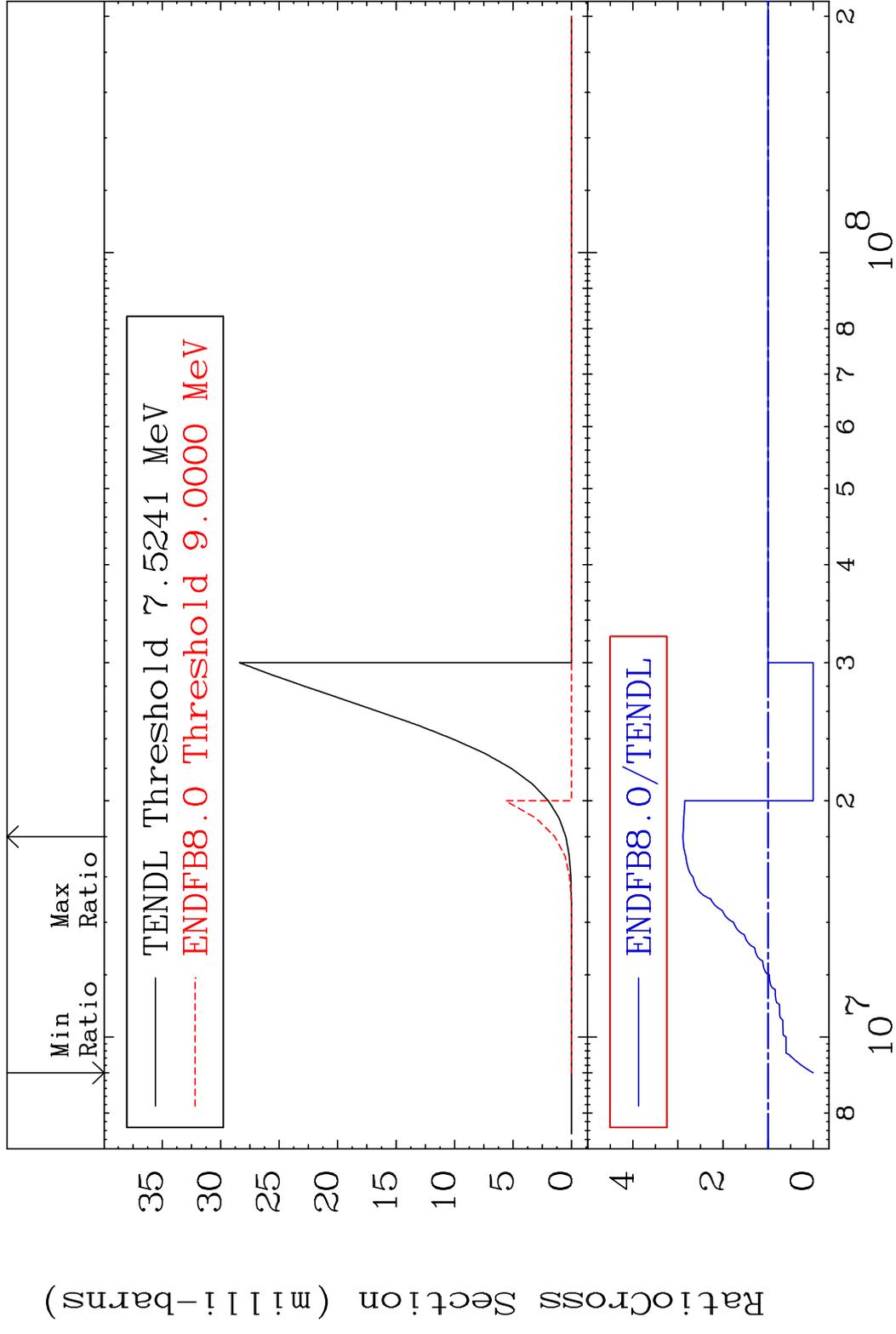


8

Incident Energy (eV)

82-Pb-207

MAT 8234 (n, n') p 82-Pb-207  
 Cross Section -100.0 To 189.1 %

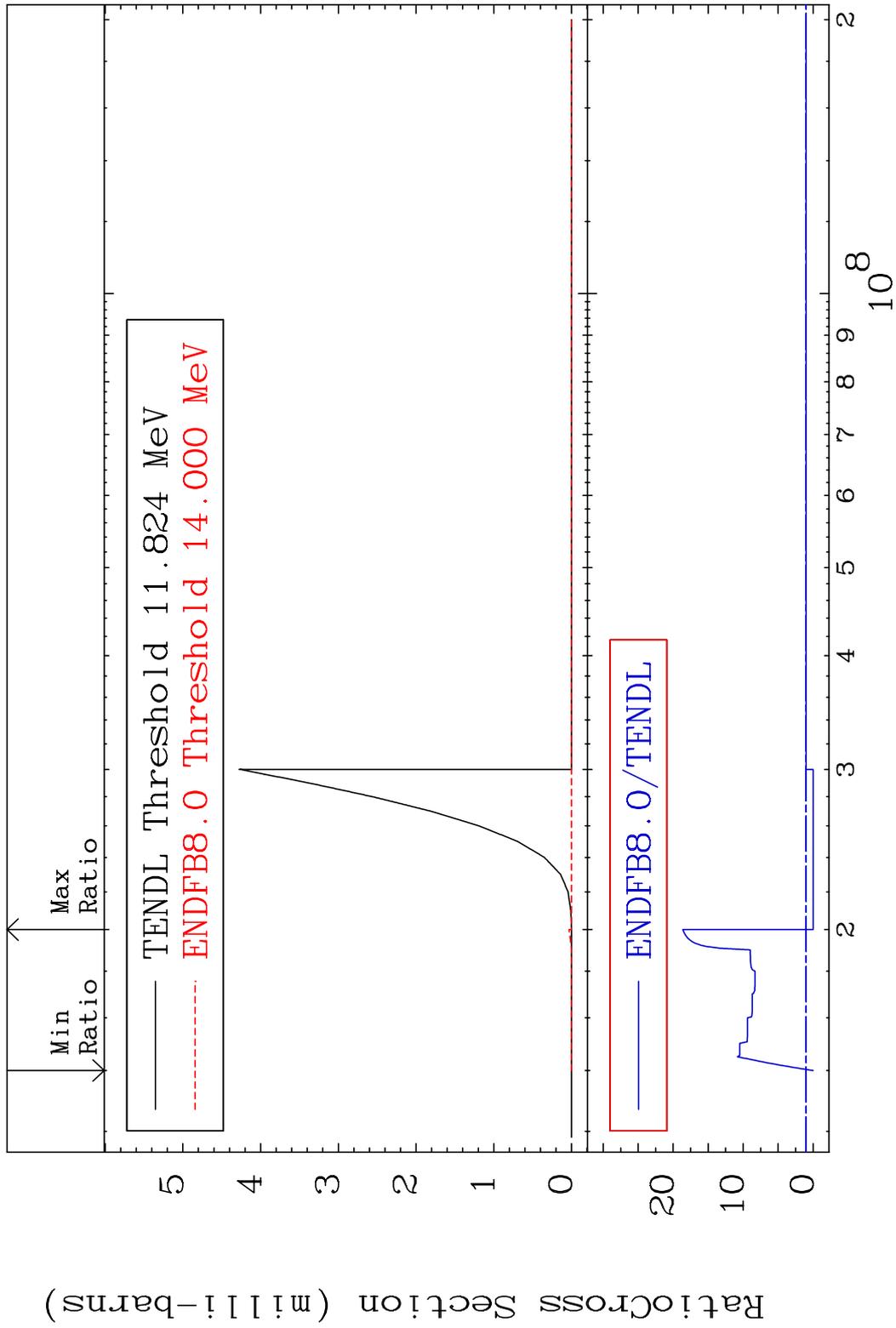


MAT 8234

(n, n') d

82-Pb-207

Cross Section -100.0 To 1762. %



10

Incident Energy (eV)

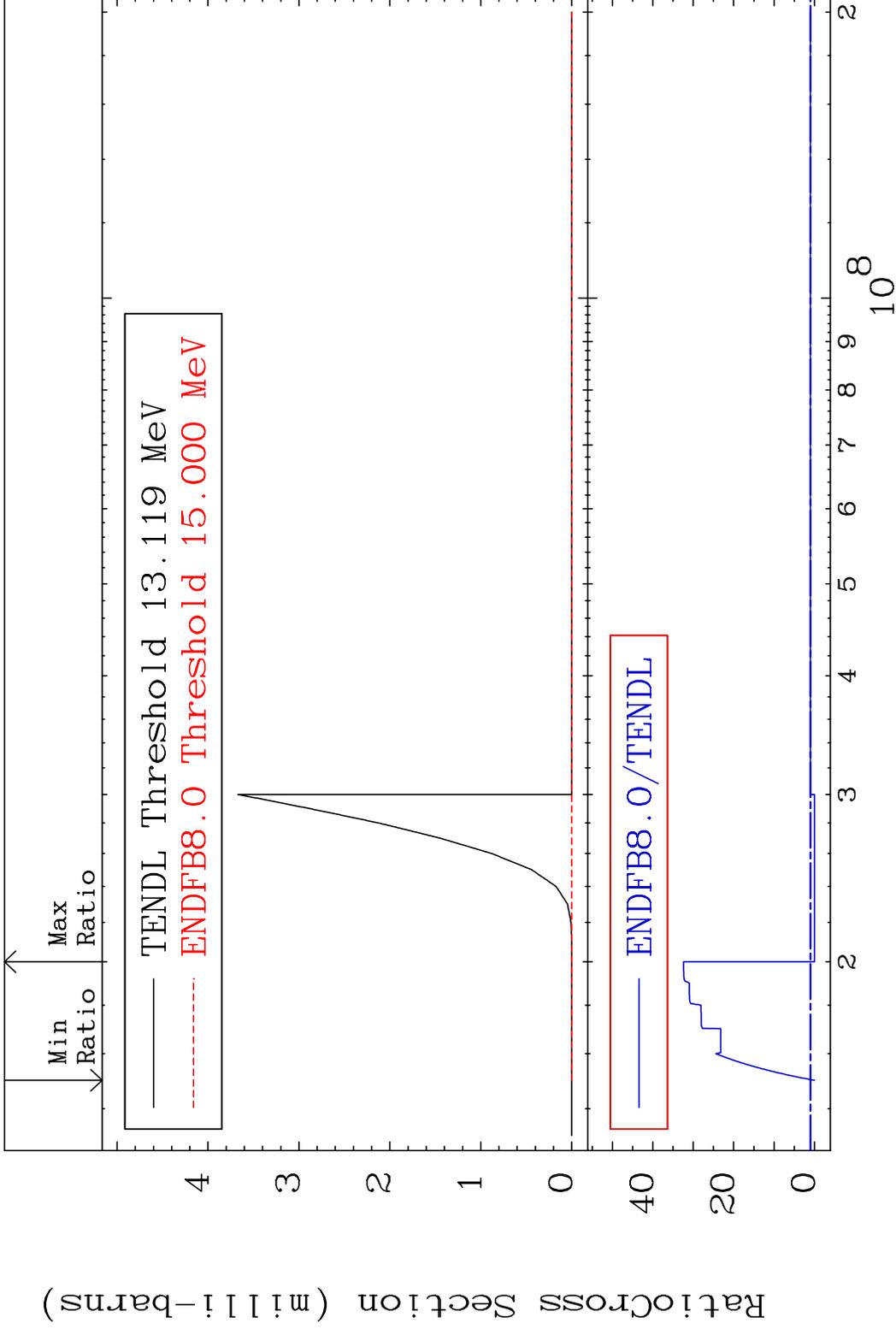
82-Pb-207

MAT 8234

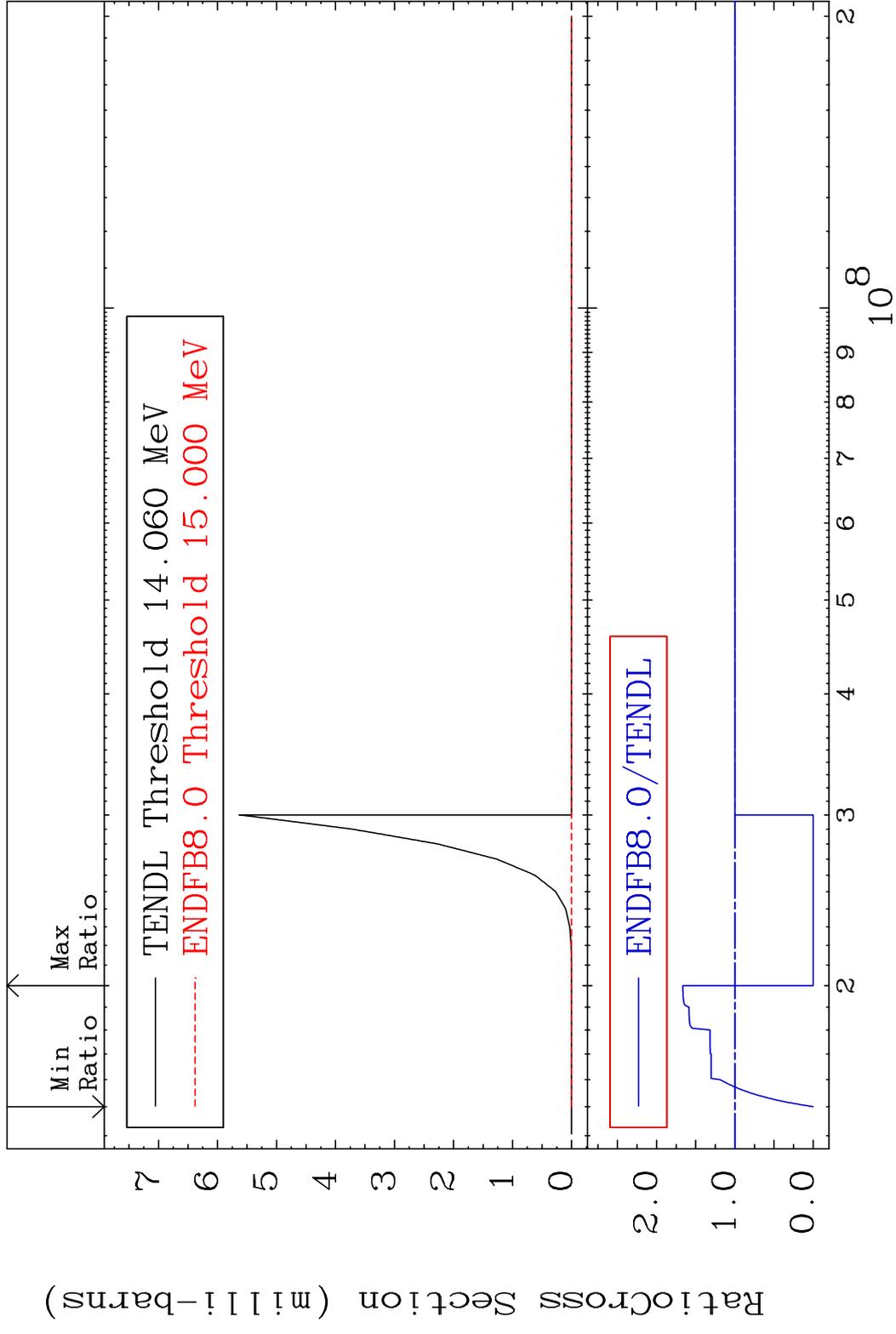
(n, n') t

82-Pb-207

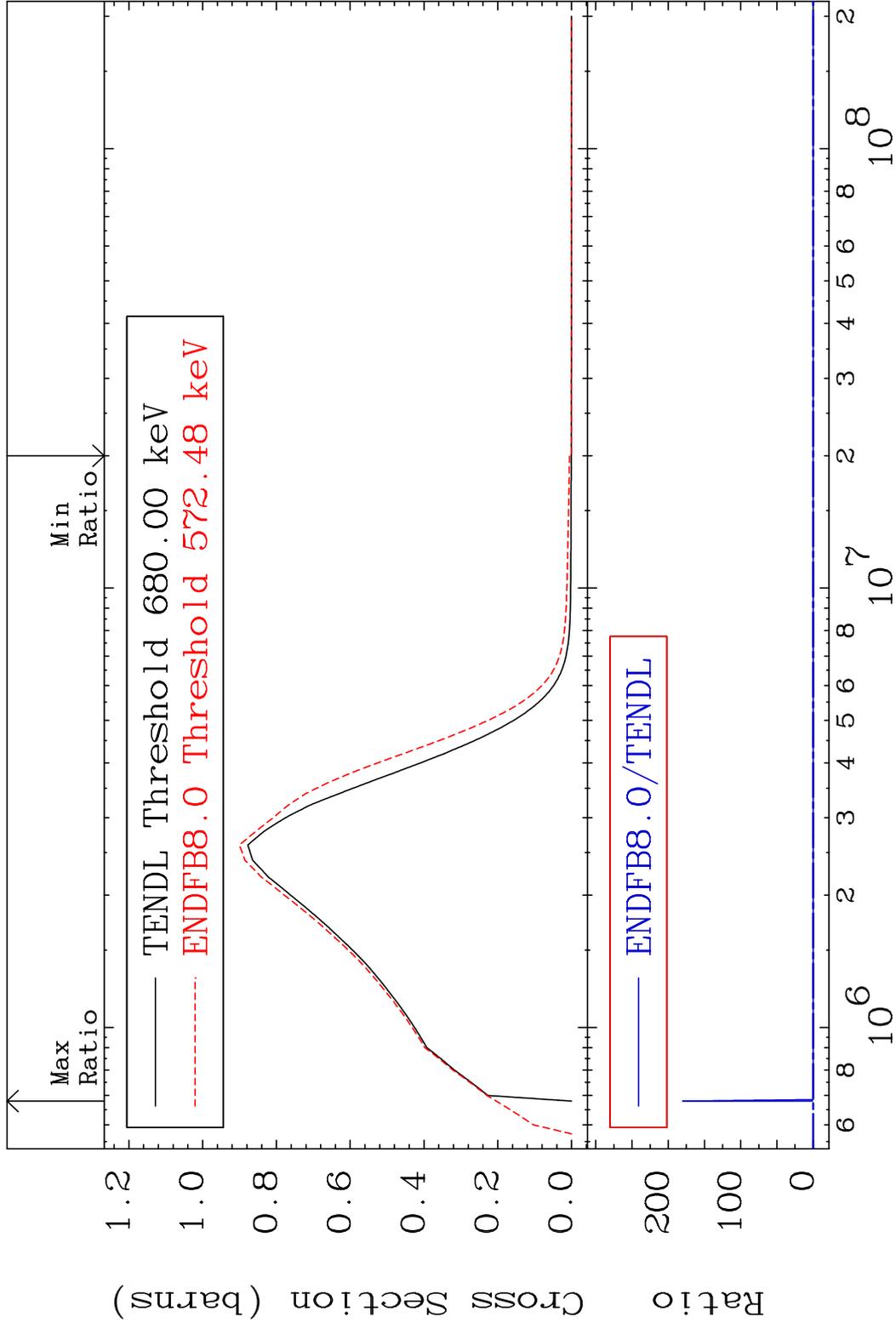
Cross Section -100.0 To 3141. %



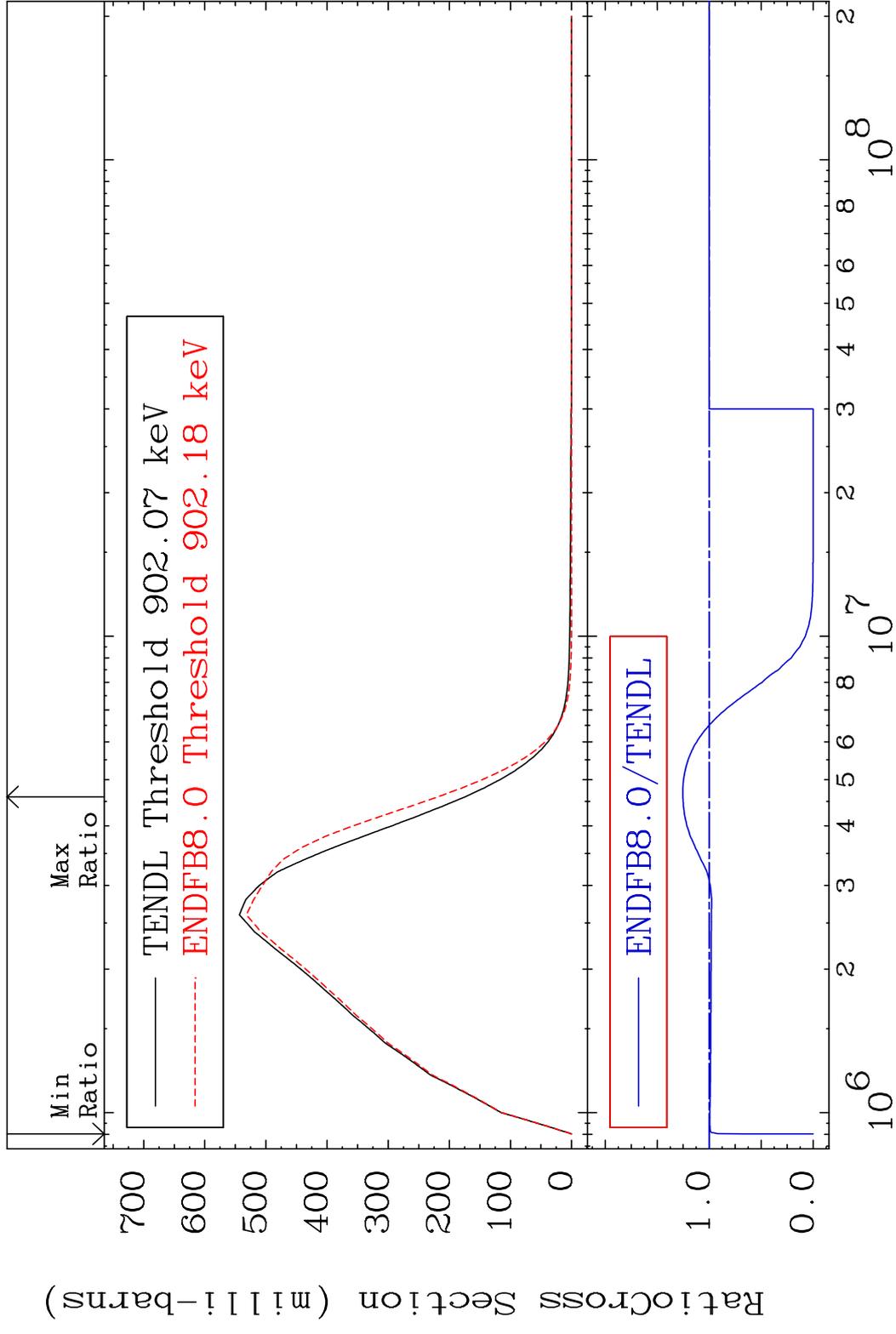
MAT 8234 (n,2n) p 82-Pb-207  
 Cross Section -100.0 To 66.46 %



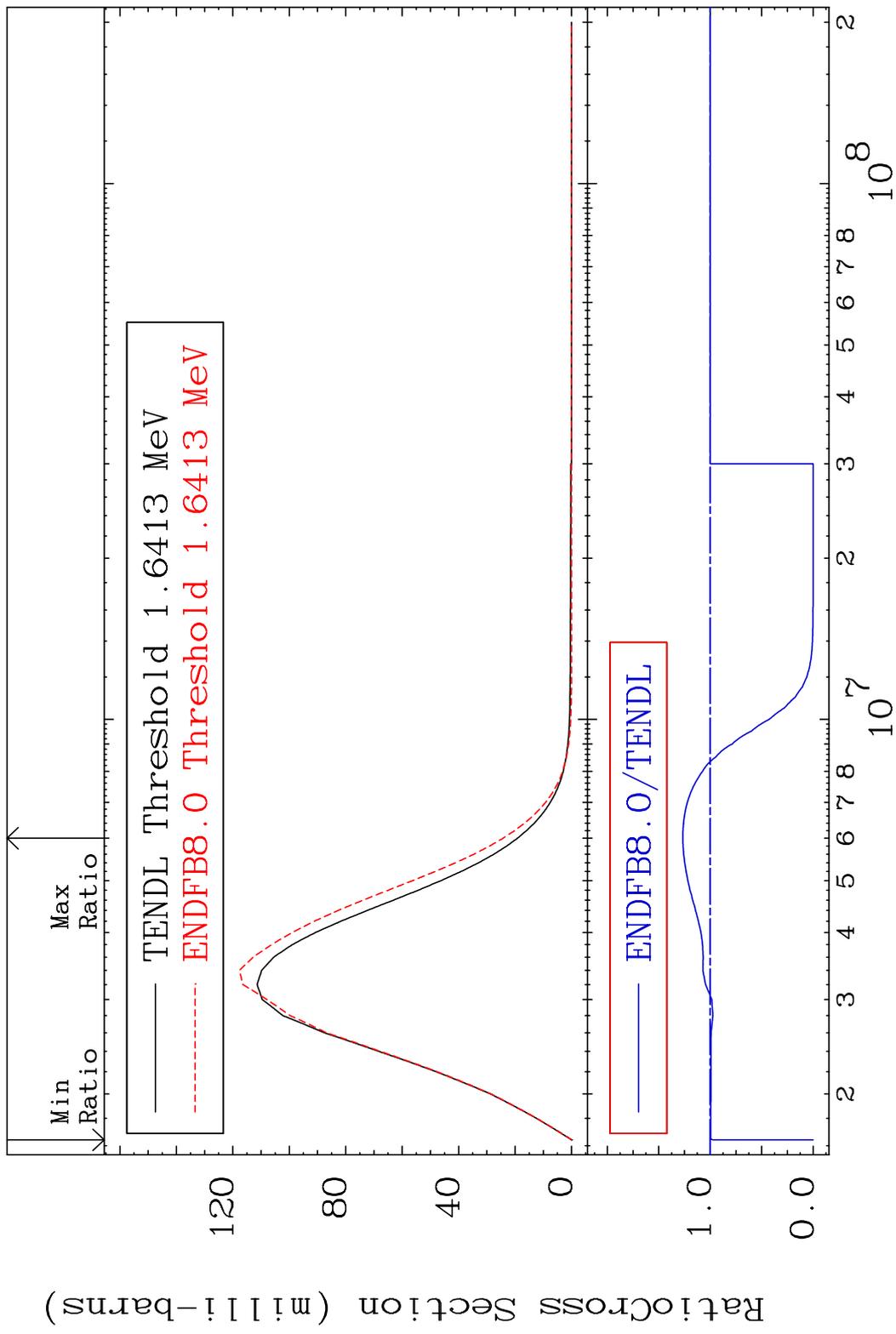
MAT 8234 MT= 51 (n, n') Level 82-Pb-207  
 Cross Section -100.0 To 9999. %



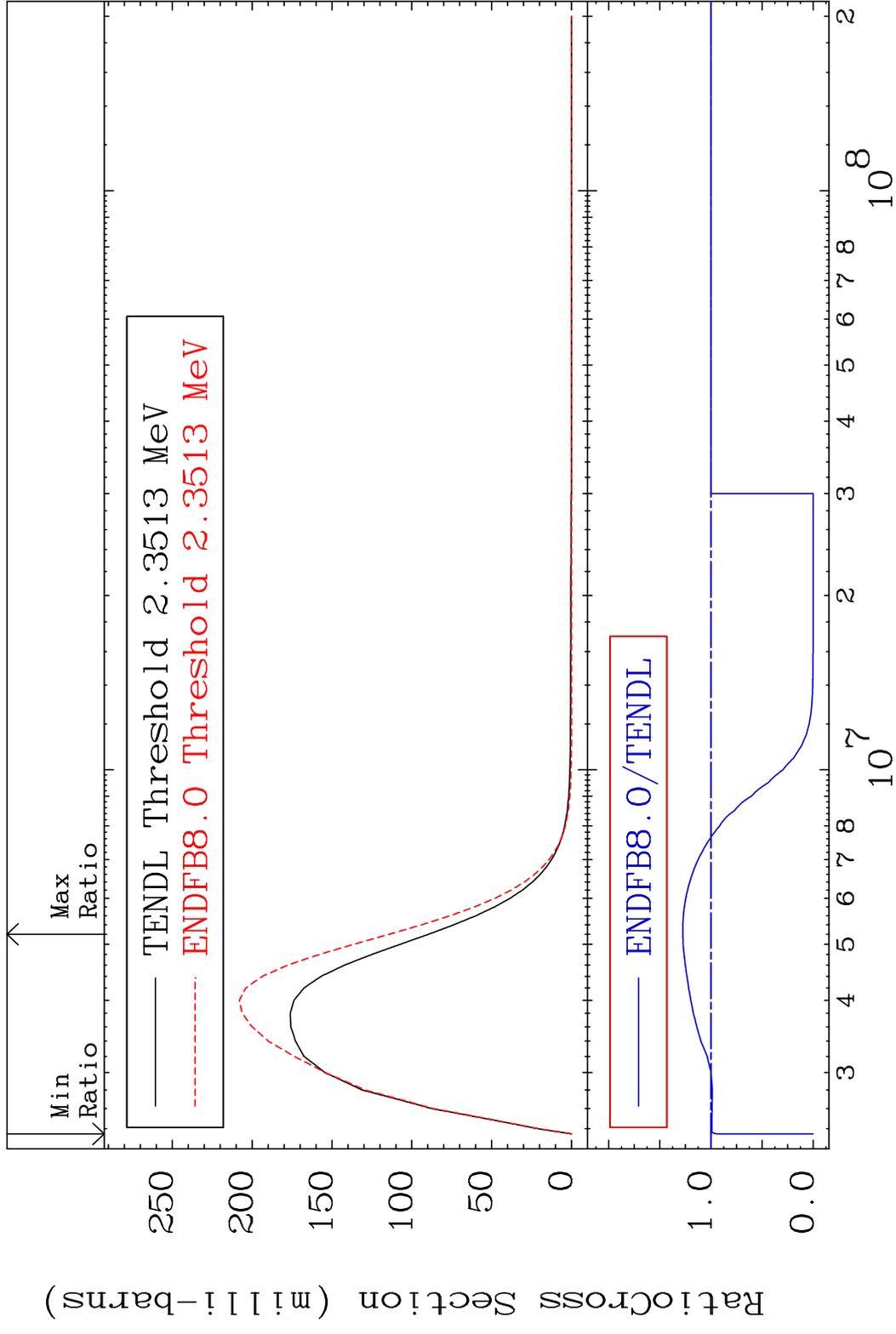
MAT 8234 MT= 52 (n, n') Level 82-Pb-207  
 Cross Section -100.0 To 25.35 %



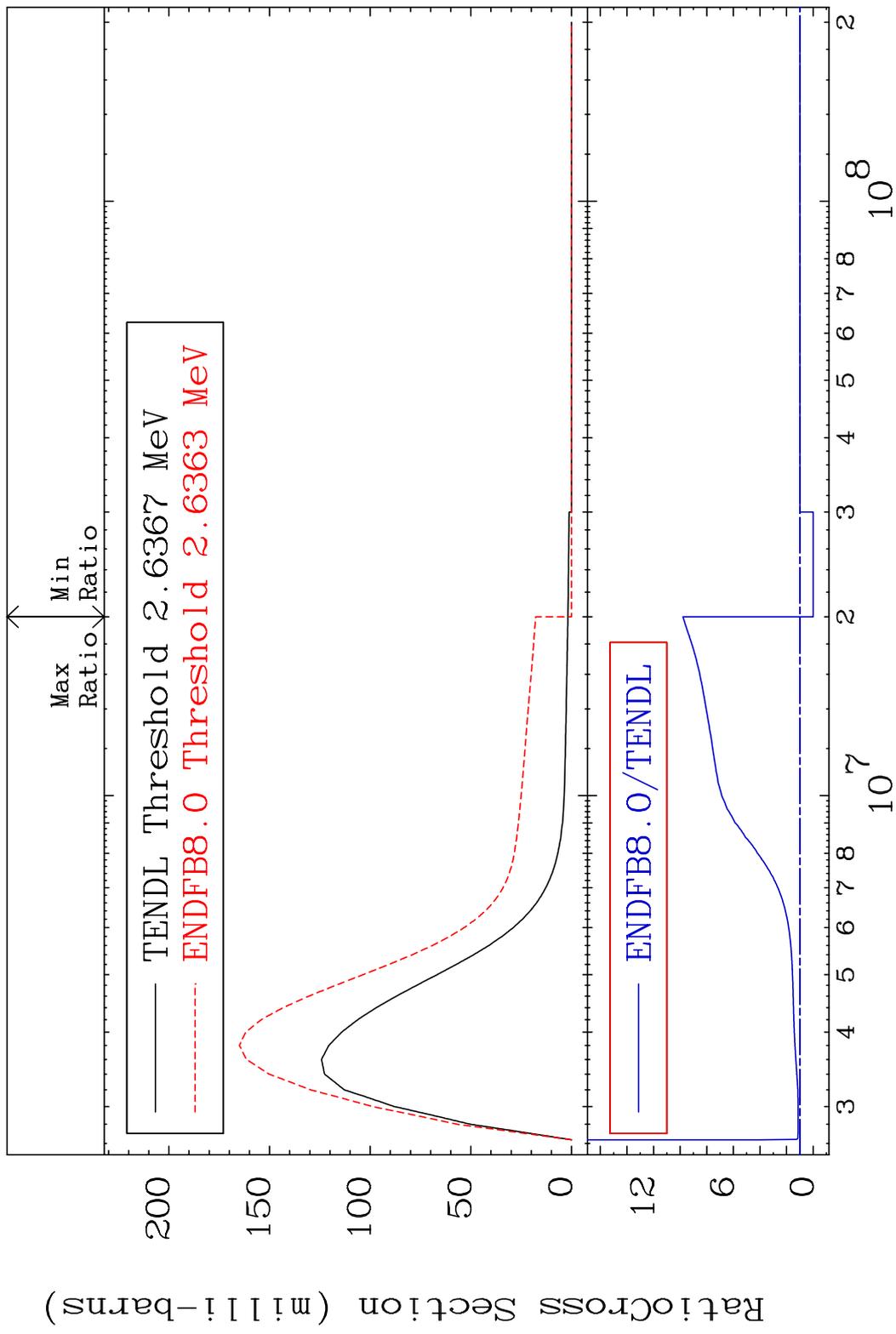
MAT 8234 MT= 53 (n, n') Level 82-Pb-207  
 Cross Section -100.0 To 26.61 %



MAT 8234 MT= 54 (n,n') Level 82-Pb-207  
 Cross Section -100.0 To 27.47 %

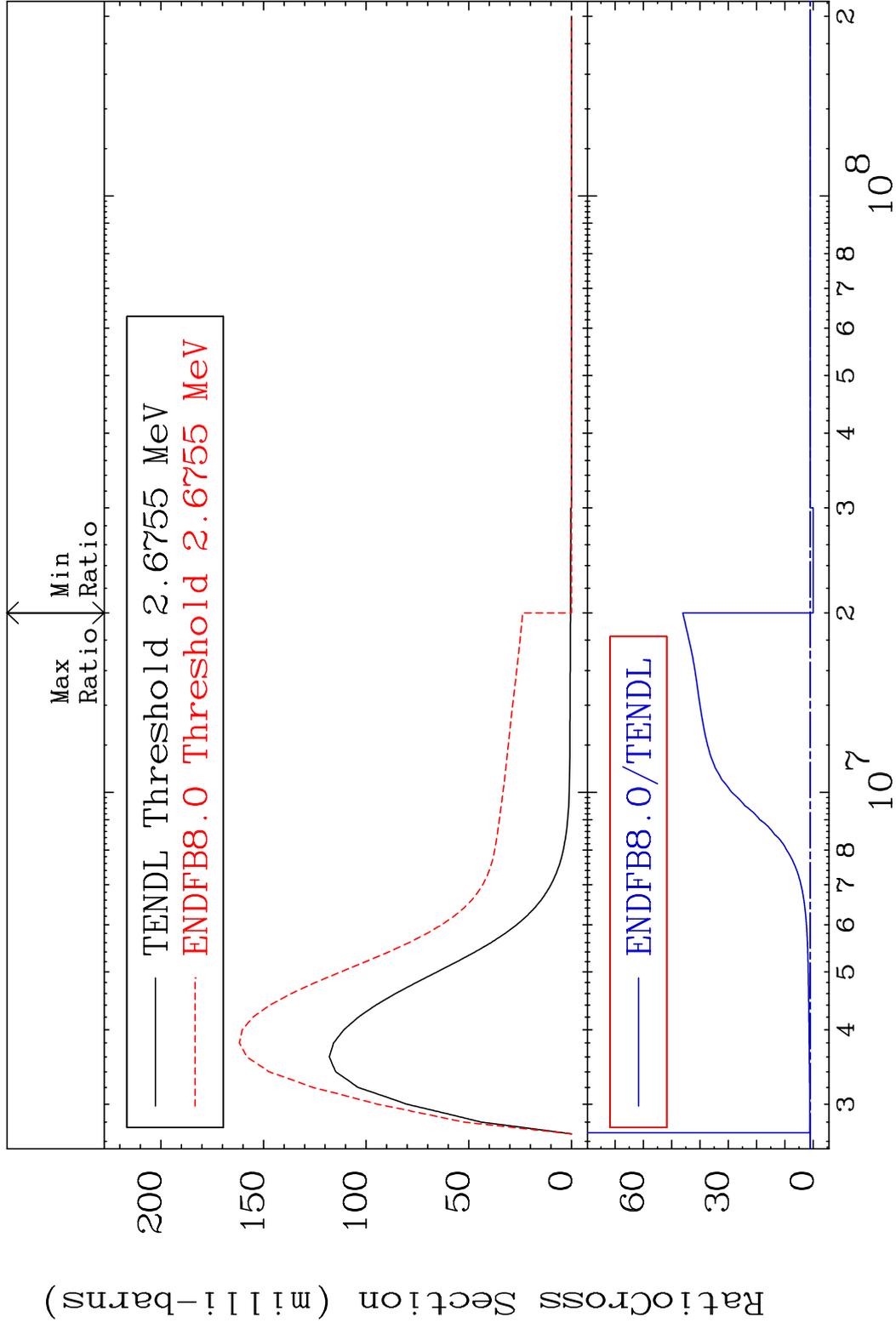


MAT 8234 MT= 55 (n, n') Level 82-Pb-207  
 Cross Section -100.0 To 879.8 %

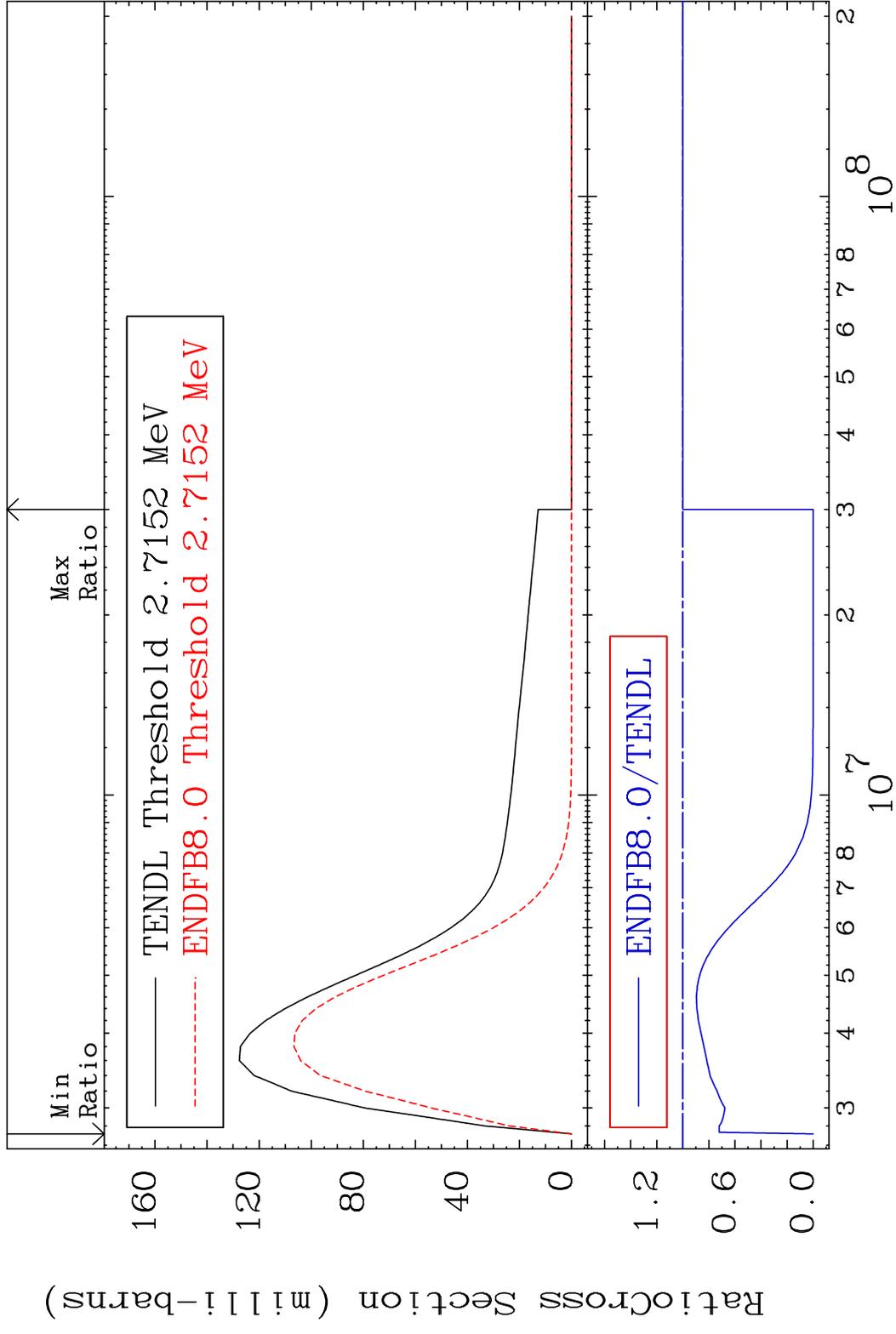


17 82-Pb-207

MAT 8234 MT= 56 (n, n') Level 82-Pb-207  
 Cross Section -100.0 To 4503. %

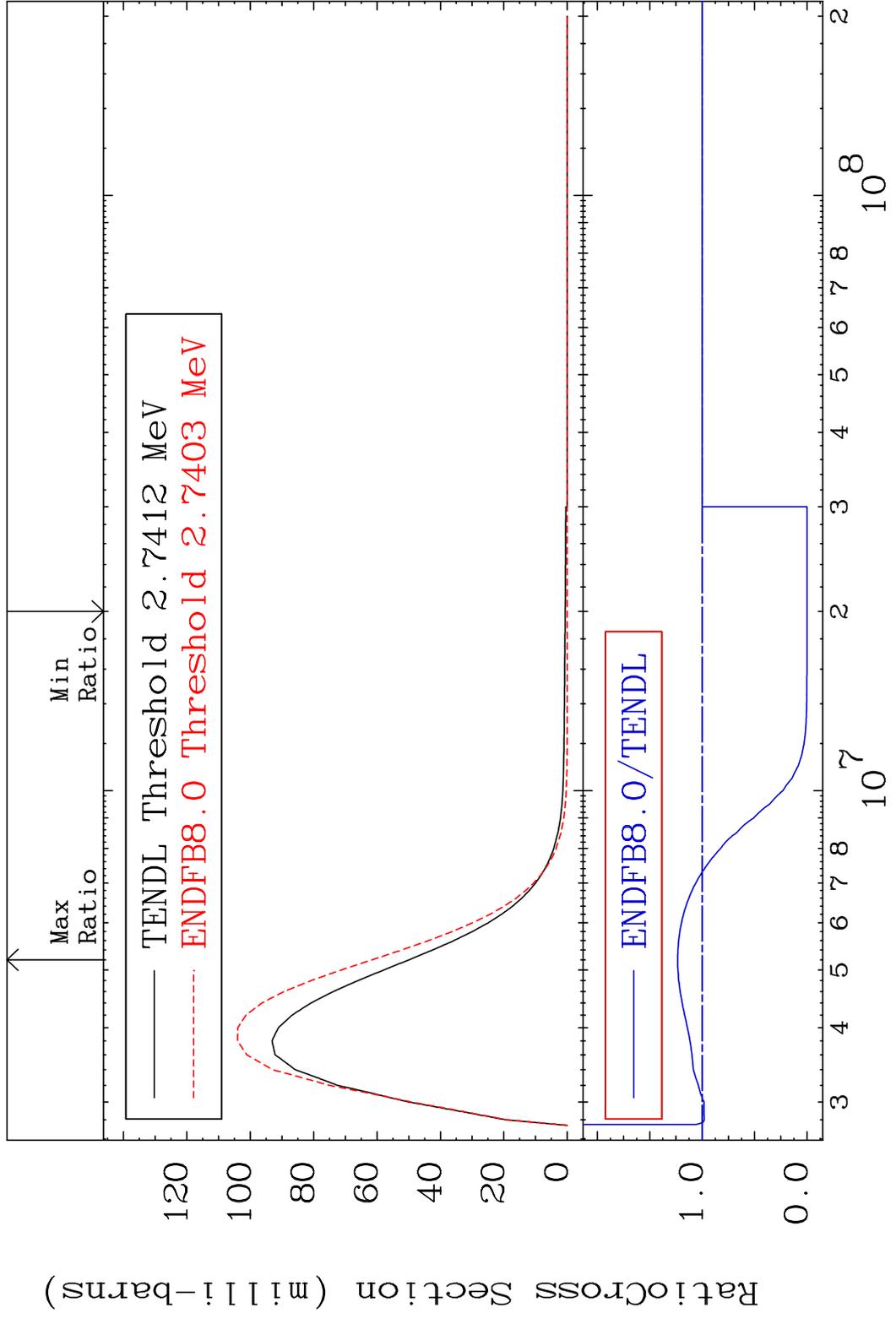


MAT 8234 MT= 57 (n, n') Level 82-Pb-207  
 Cross Section -100.0 To 0.000 %

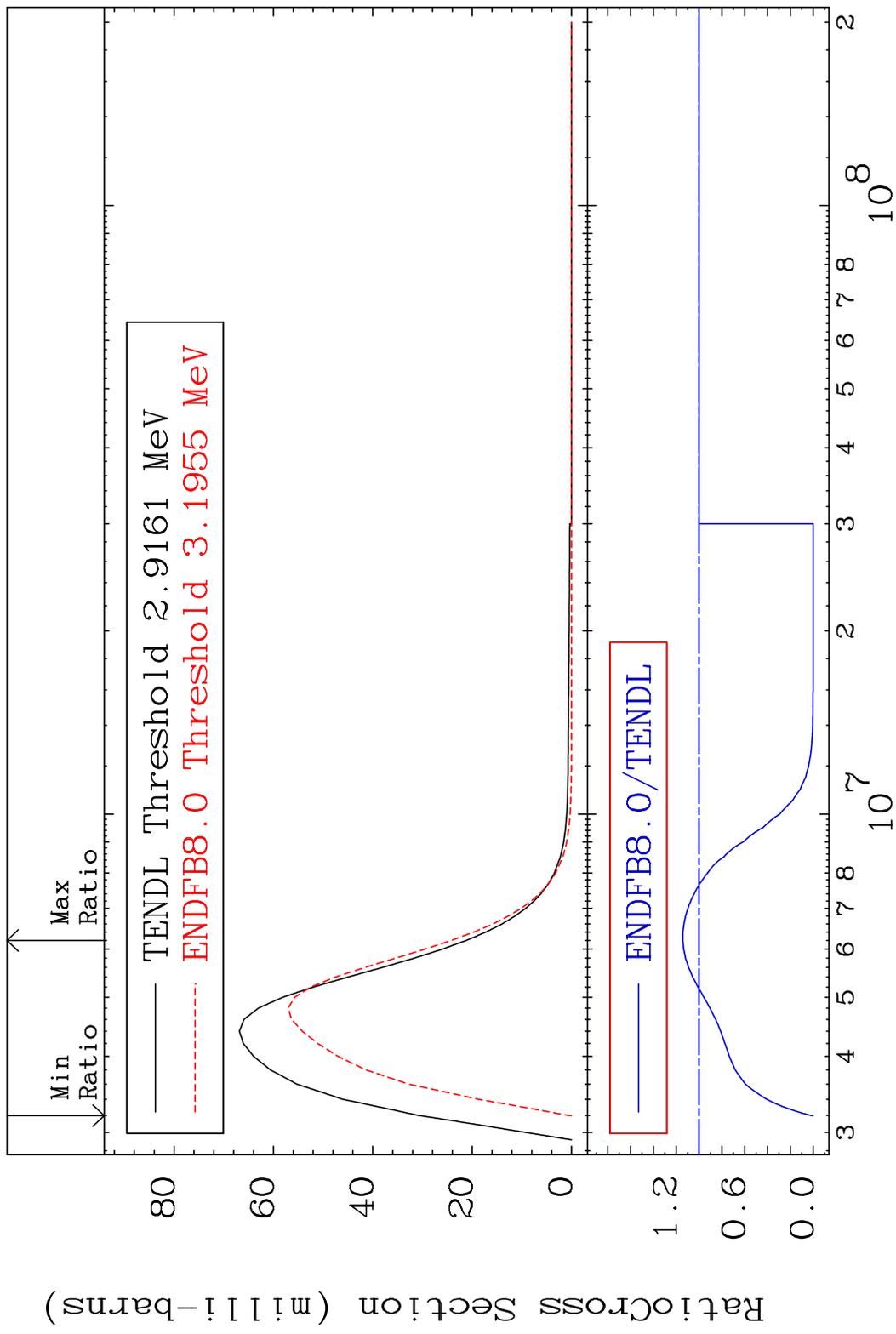


19 Incident Energy (eV) 82-Pb-207

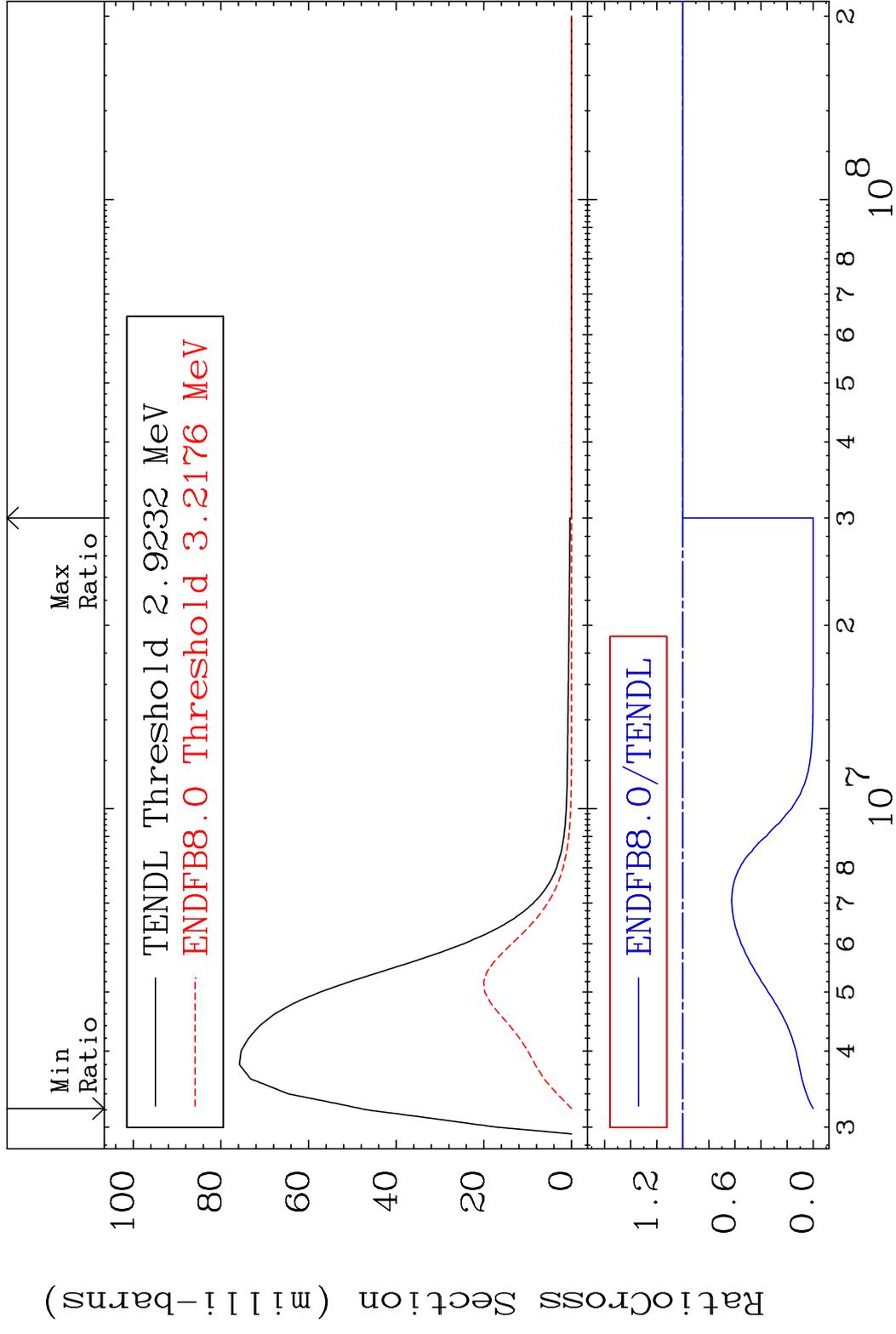
MAT 8234 MT= 58 (n, n') Level 82-Pb-207  
 Cross Section -100.0 To 23.36 %



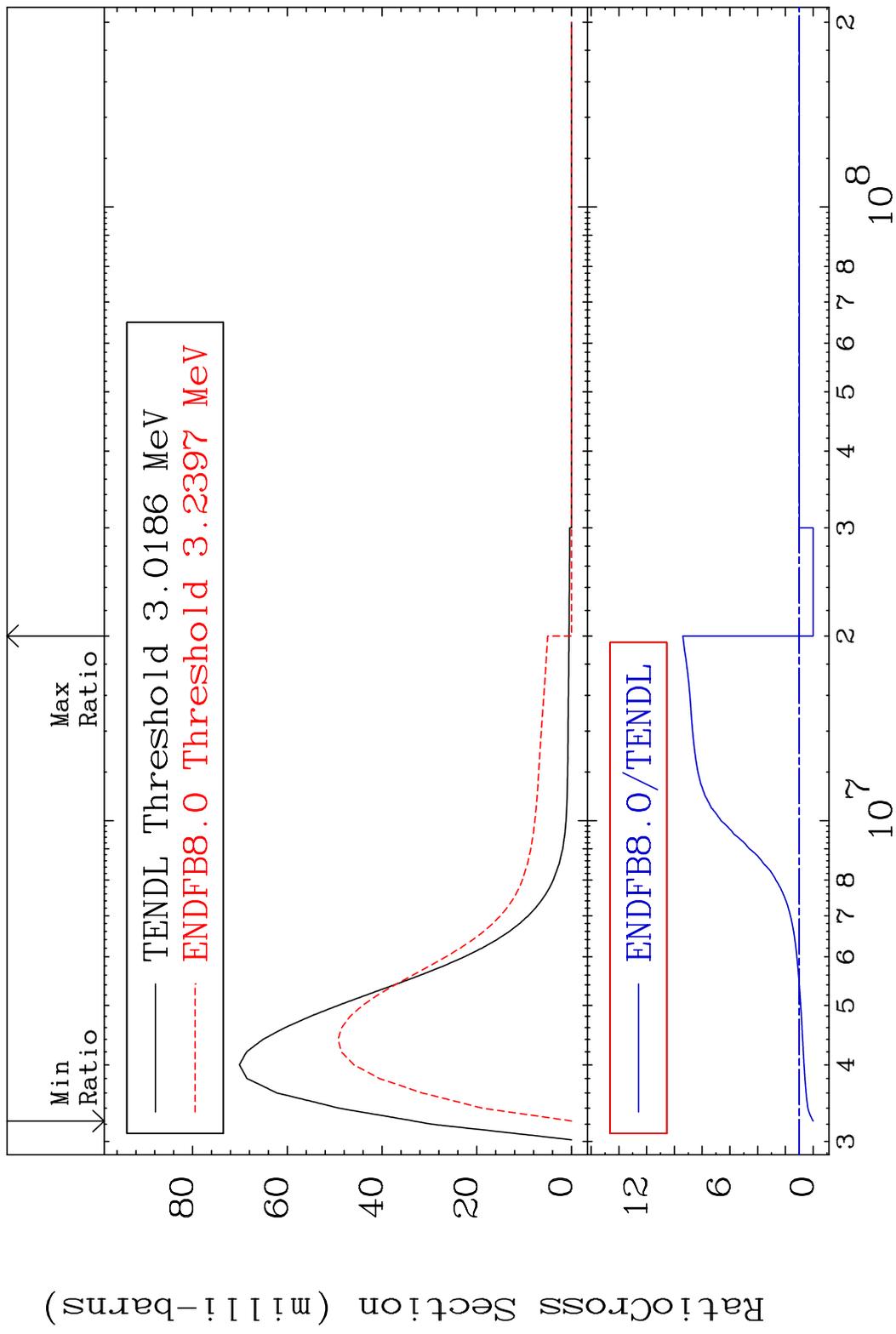
MAT 8234 MT= 59 (n,n') Level 82-Pb-207  
 Cross Section -100.0 To 14.21 %



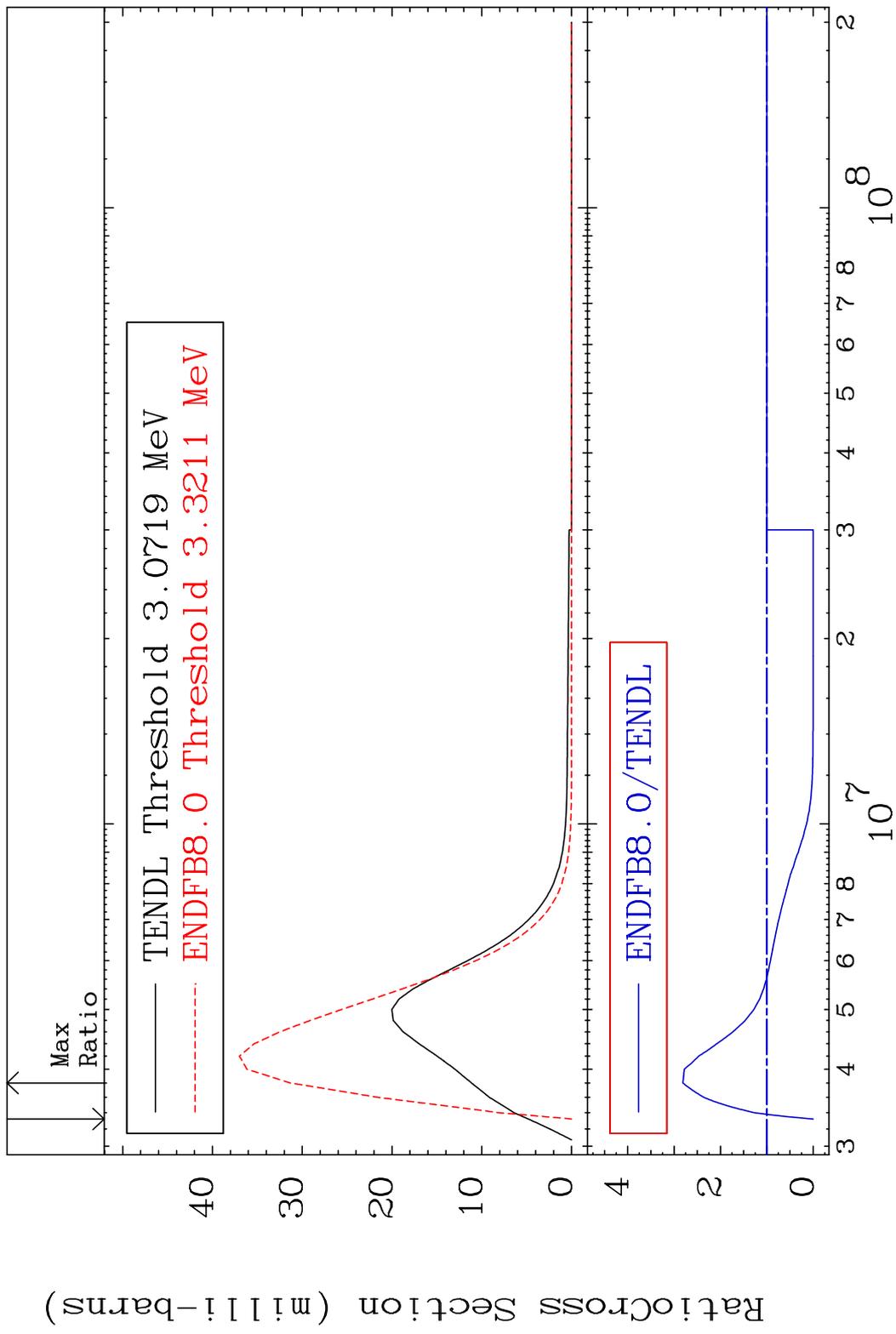
MAT 8234 MT= 60 (n, n') Level 82-Pb-207  
 Cross Section -100.0 To 0.000 %



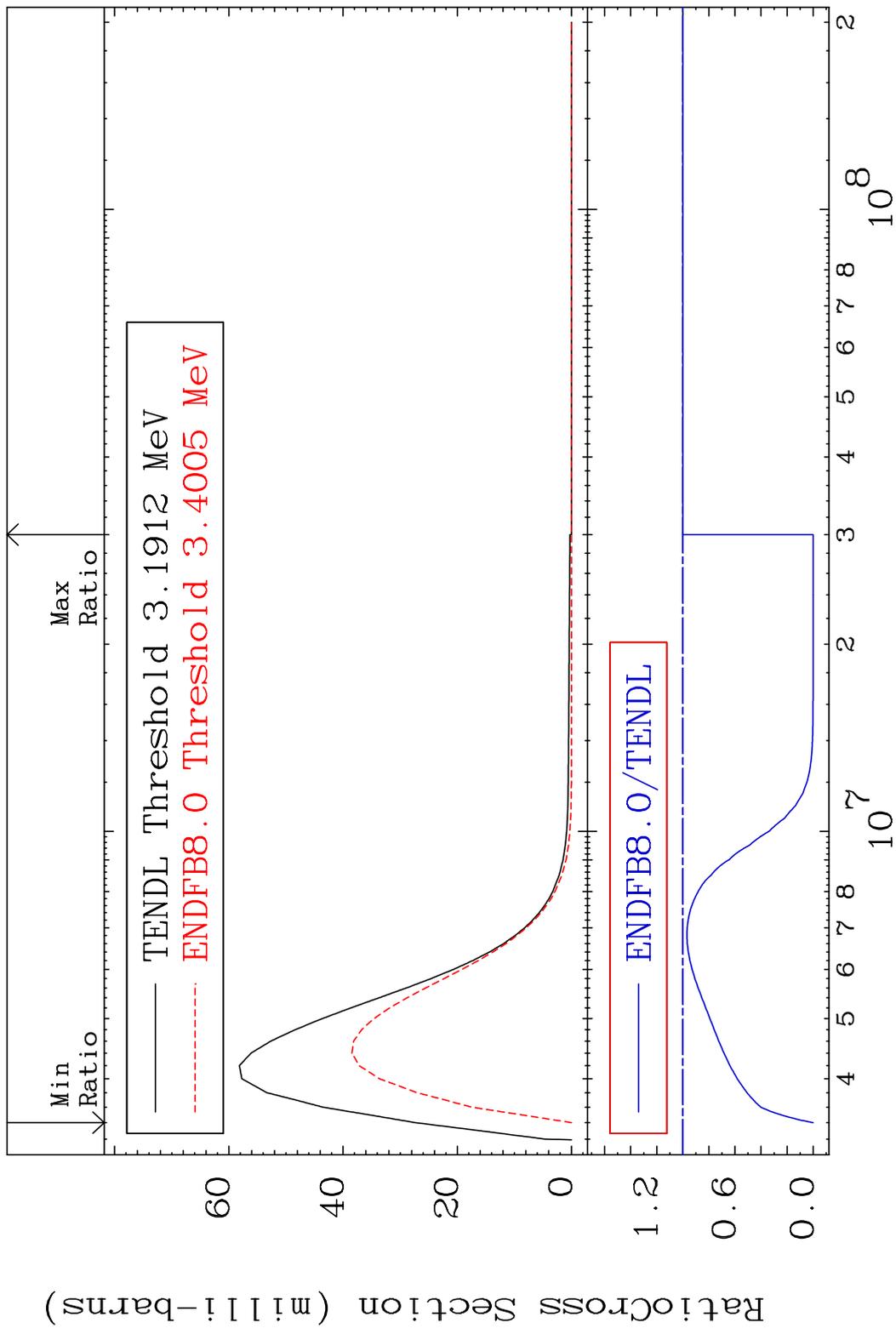
MAT 8234 MT= 61 (n, n') Level 82-Pb-207  
 Cross Section -100.0 To 839.2 %



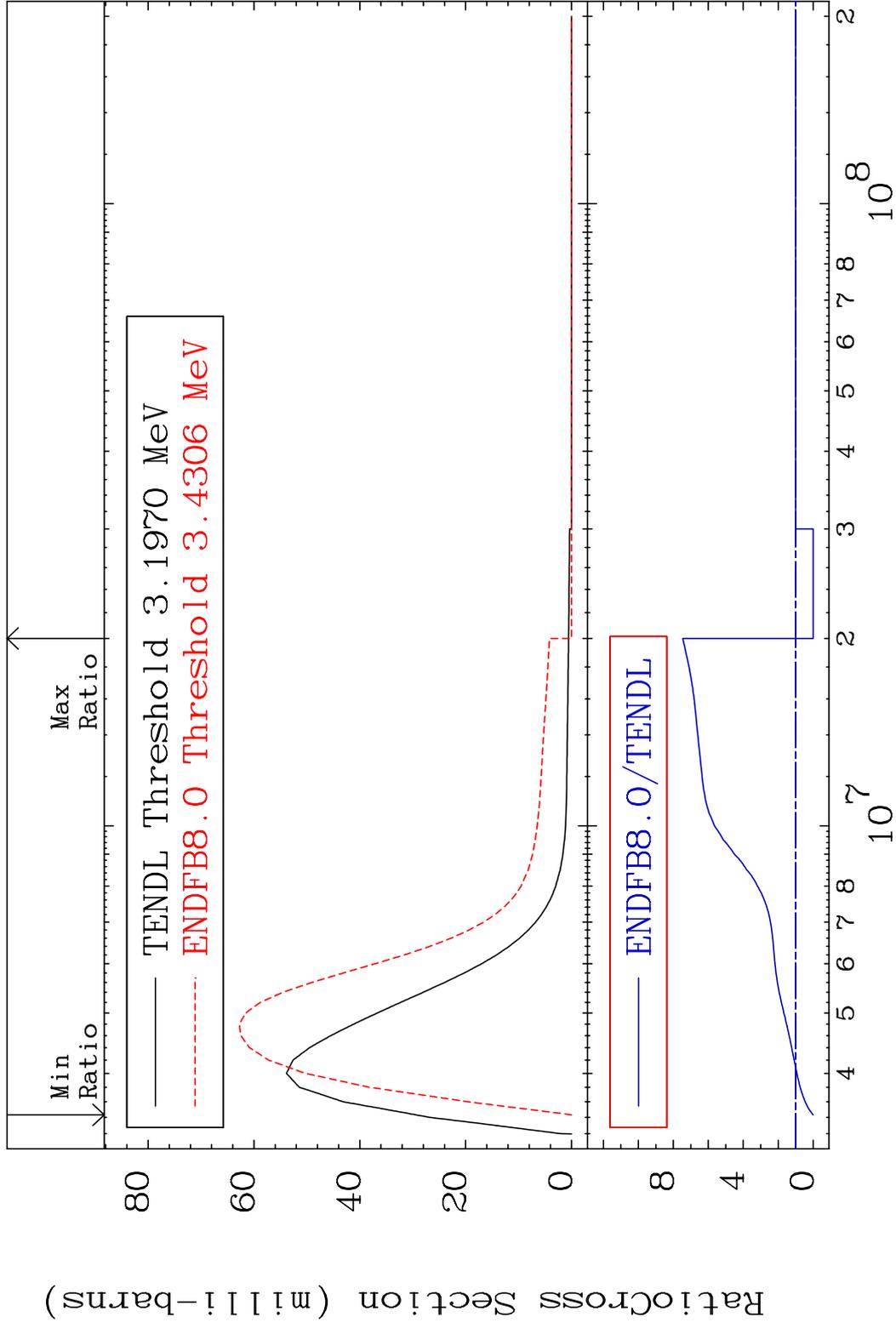
MAT 8234 MT= 62 (n, n') Level 82-Pb-207  
 Cross Section -100.0 To 181.1 %



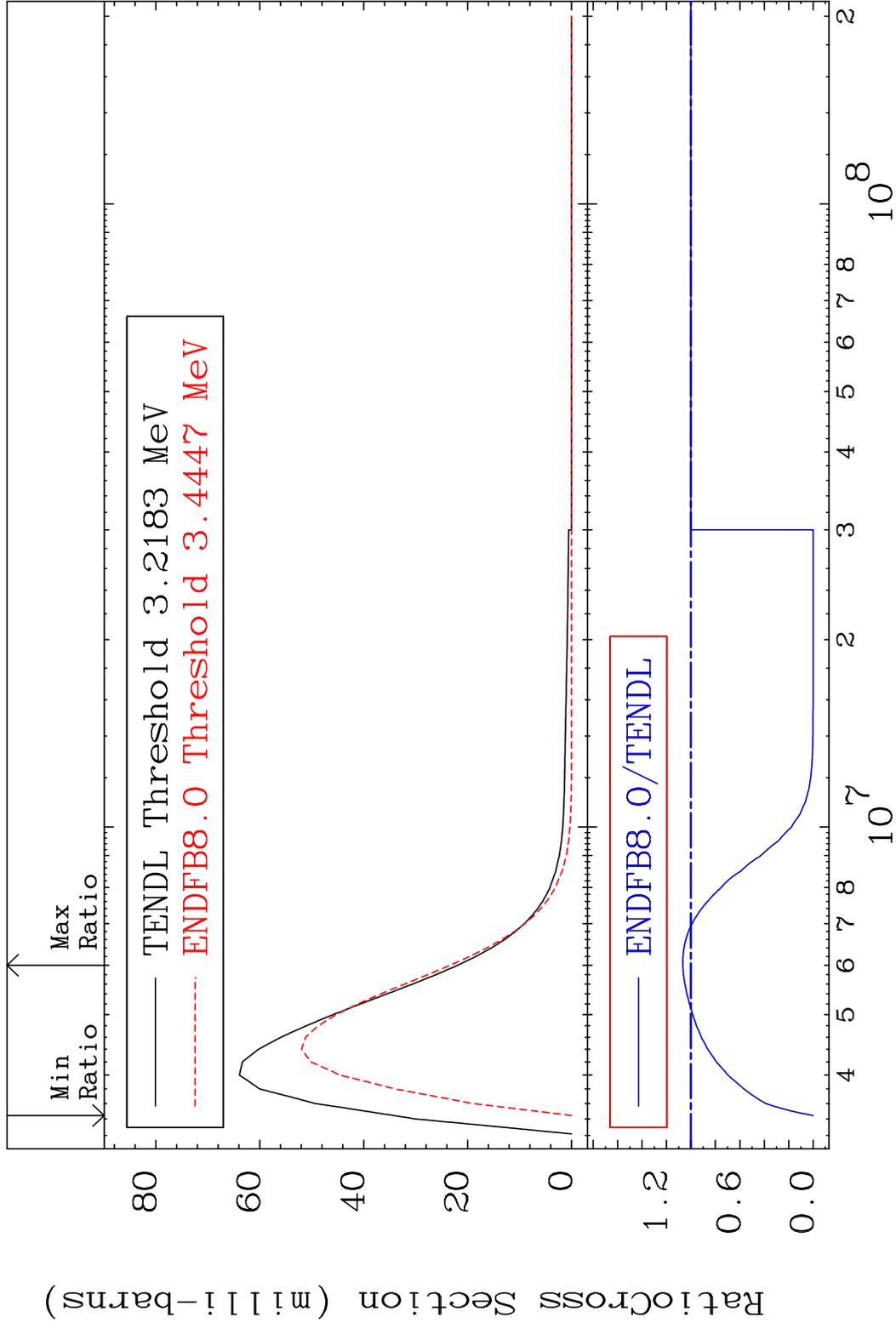
MAT 8234 MT= 63 (n, n') Level 82-Pb-207  
 Cross Section -100.0 To 0.000 %



MAT 8234 MT= 64 (n, n') Level 82-Pb-207  
 Cross Section -100.0 To 645.6 %



MAT 8234 MT= 65 (n,n') Level 82-Pb-207  
 Cross Section -100.0 To 6.637 %

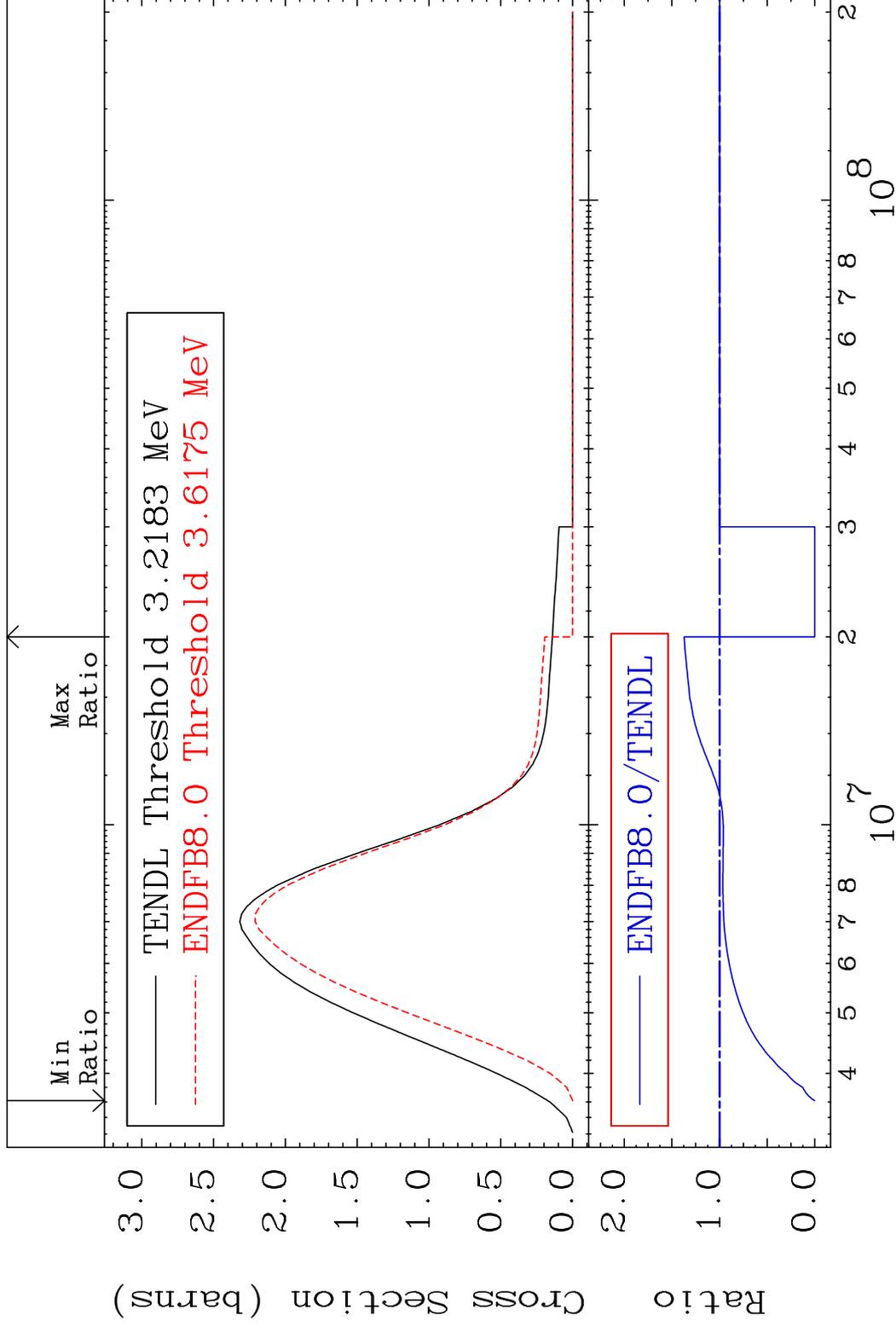


MAT 8234

(n, n') Continuum

82-Pb-207

Cross Section -100.0 To 37.17 %



28

Incident Energy (eV)

82-Pb-207

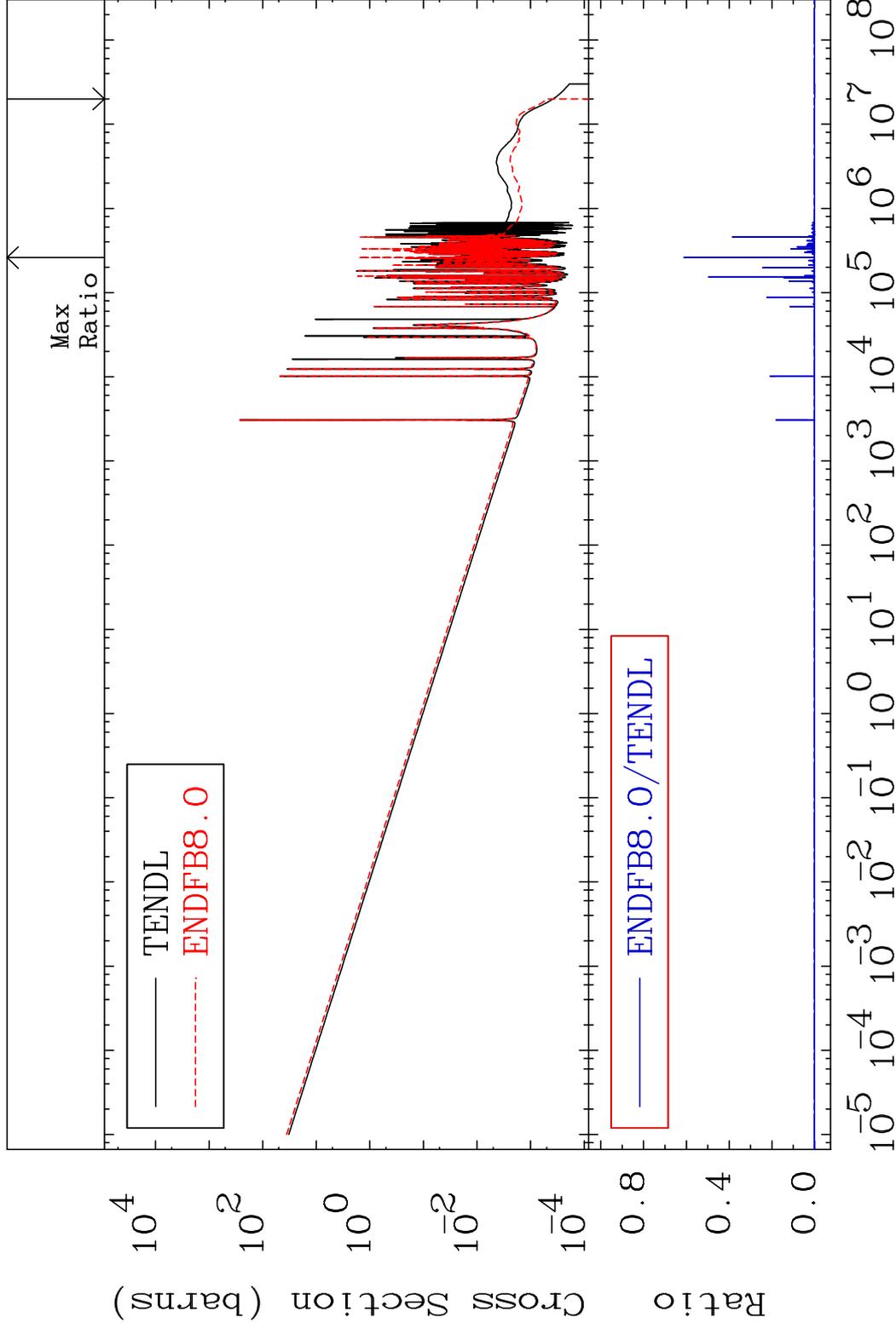
MAT 8234

(n,  $\gamma$ )

82-Pb-207

Cross Section

-100.0 To 9999. %



29

Incident Energy (eV)

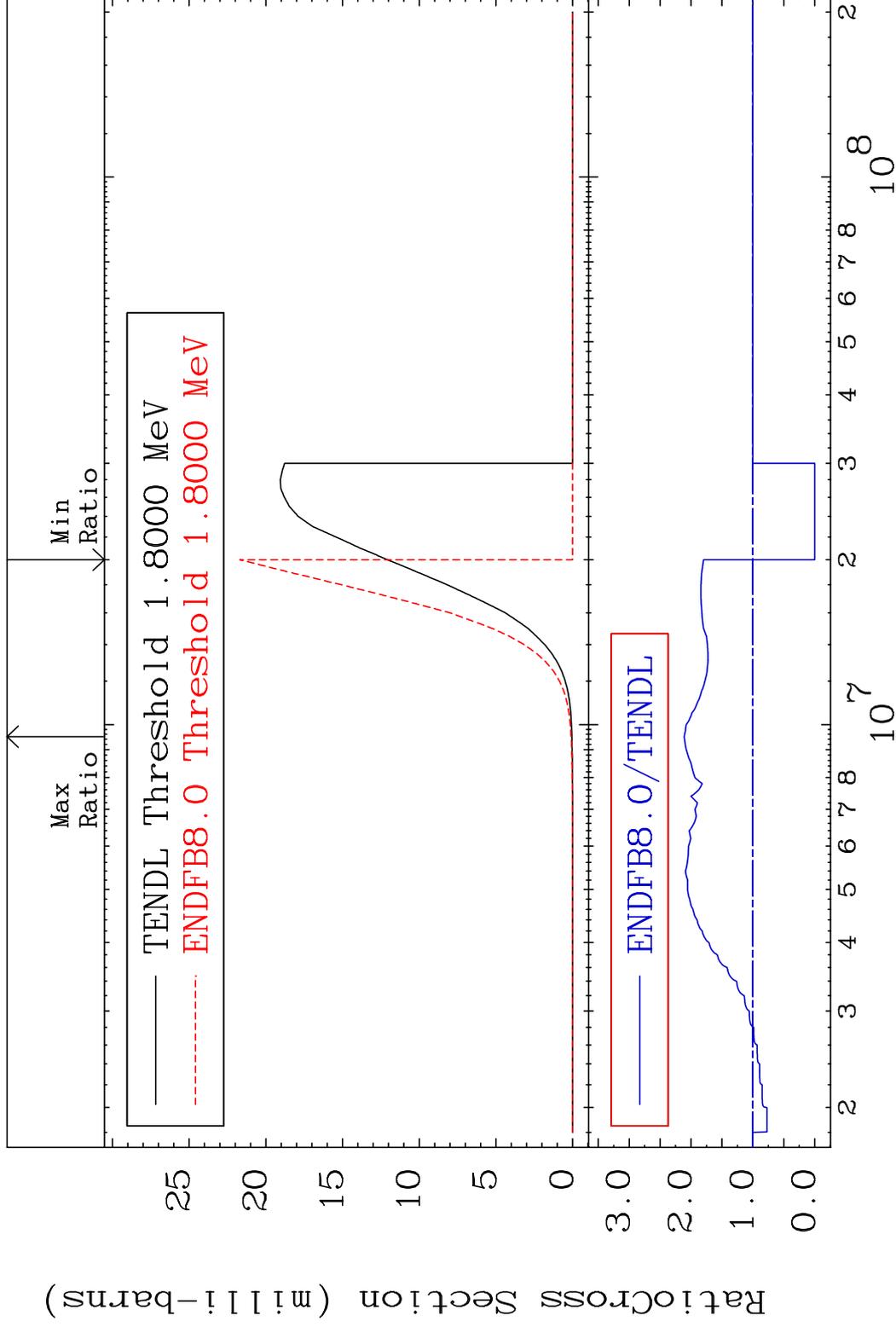
82-Pb-207

MAT 8234

(n, p)

82-Pb-207

Cross Section -100.0 To 111.2 %



30

Incident Energy (eV)

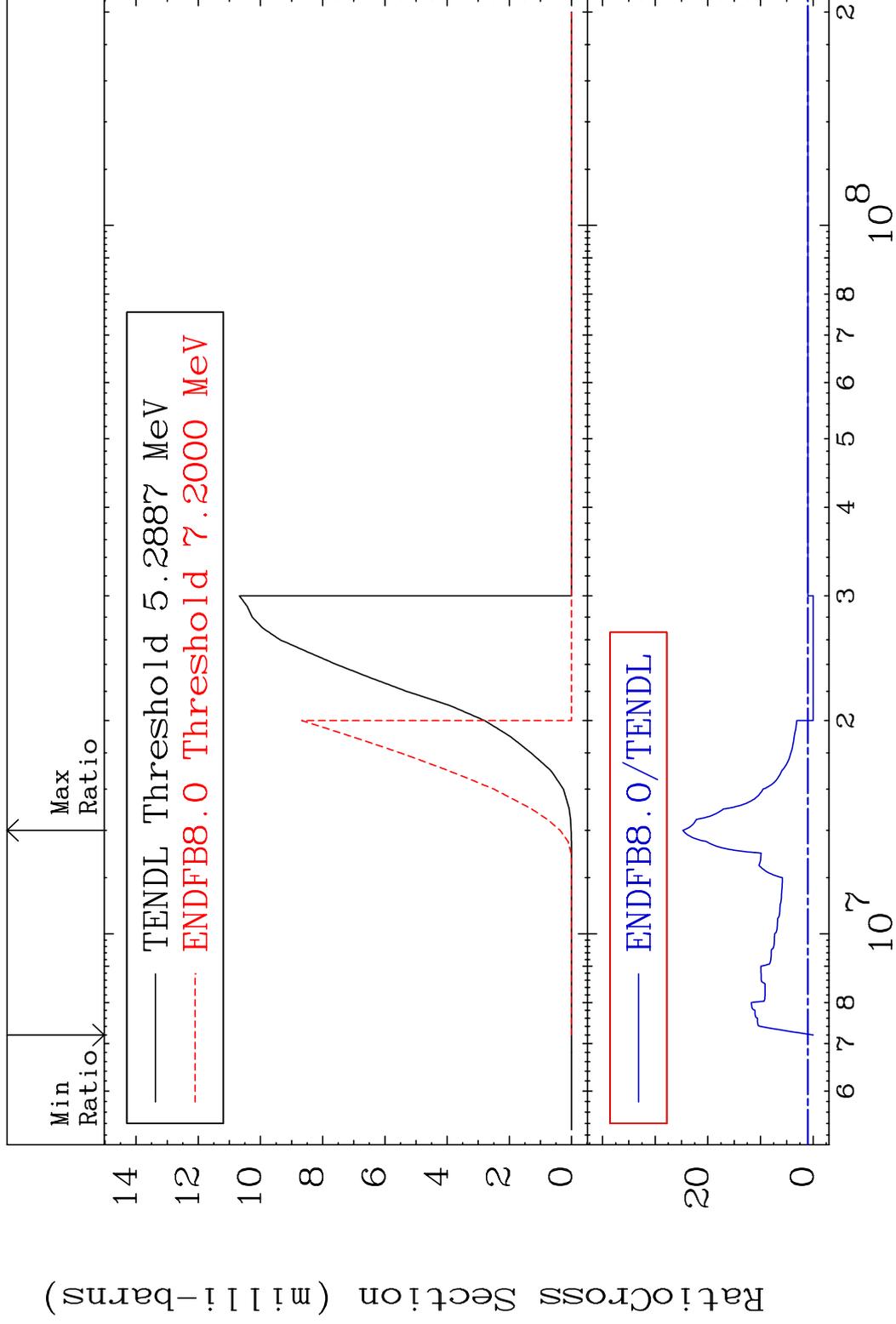
82-Pb-207

MAT 8234

(n, d)

82-Pb-207

Cross Section -100.0 To 2375. %

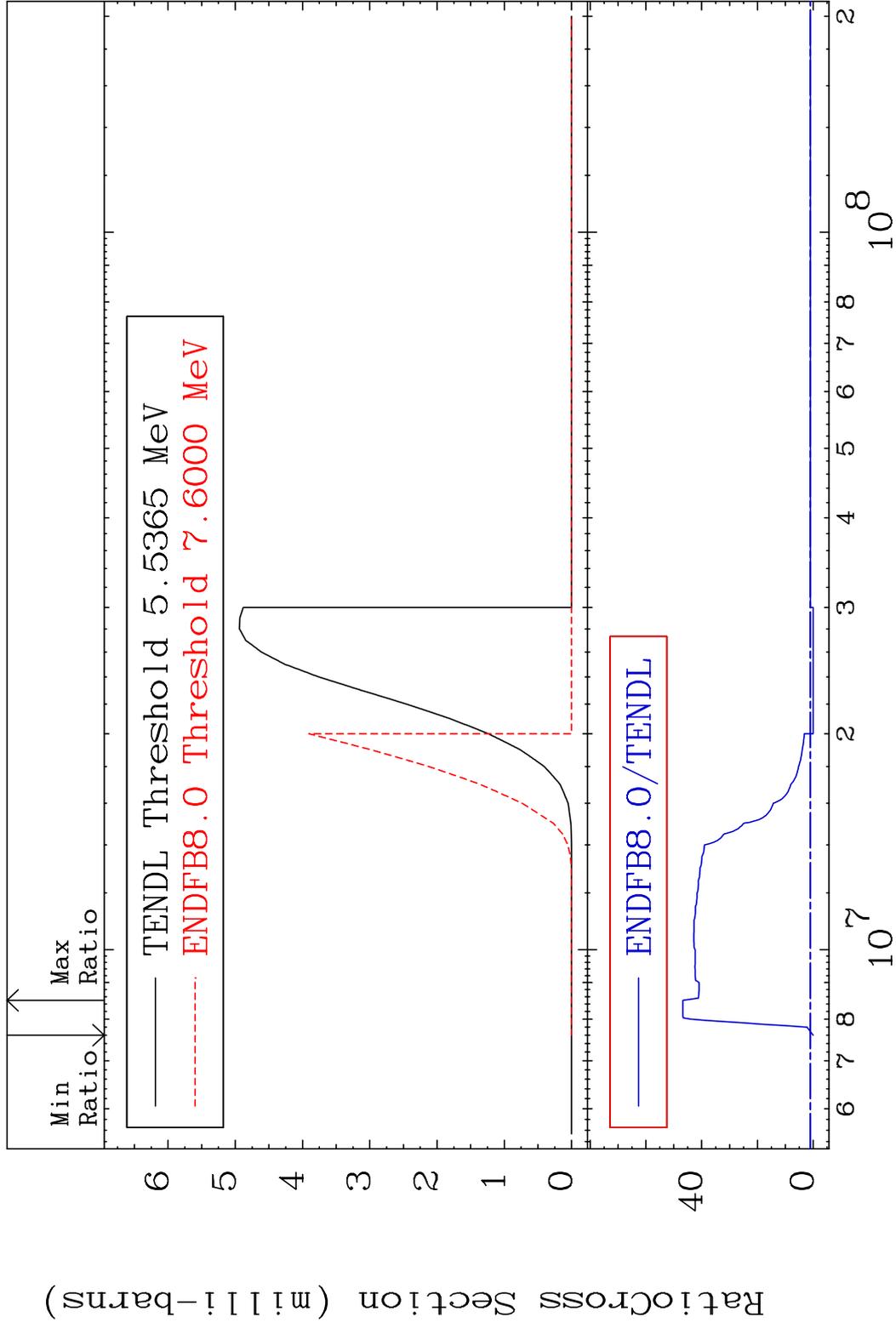


31

Incident Energy (eV)

82-Pb-207

MAT 8234 (n, t) 82-Pb-207  
 Cross Section -100.0 To 4577. %

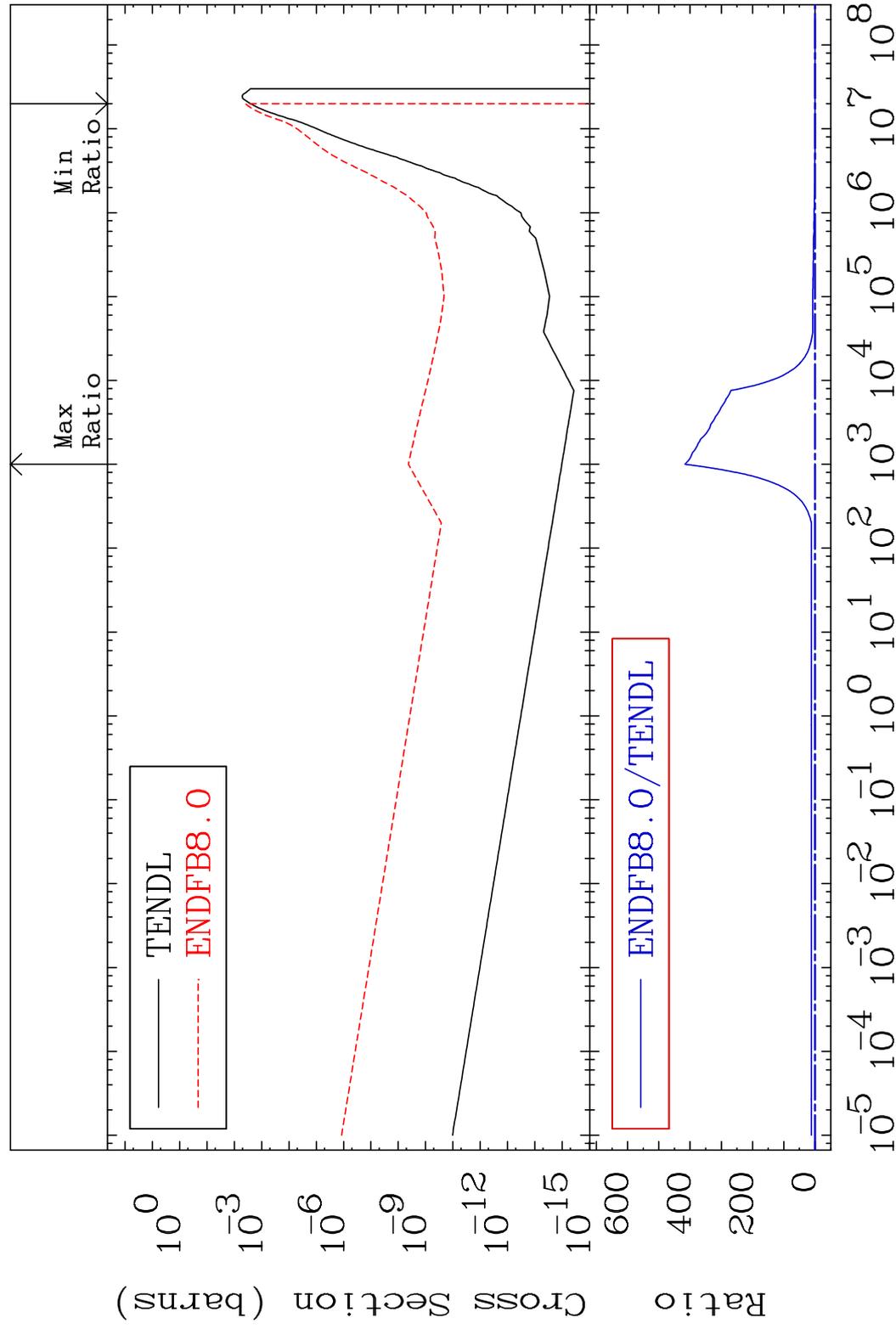


MAT 8234

(n,  $\alpha$ )

82-Pb-207

Cross Section -100.0 To 9999. %



33

Incident Energy (eV)

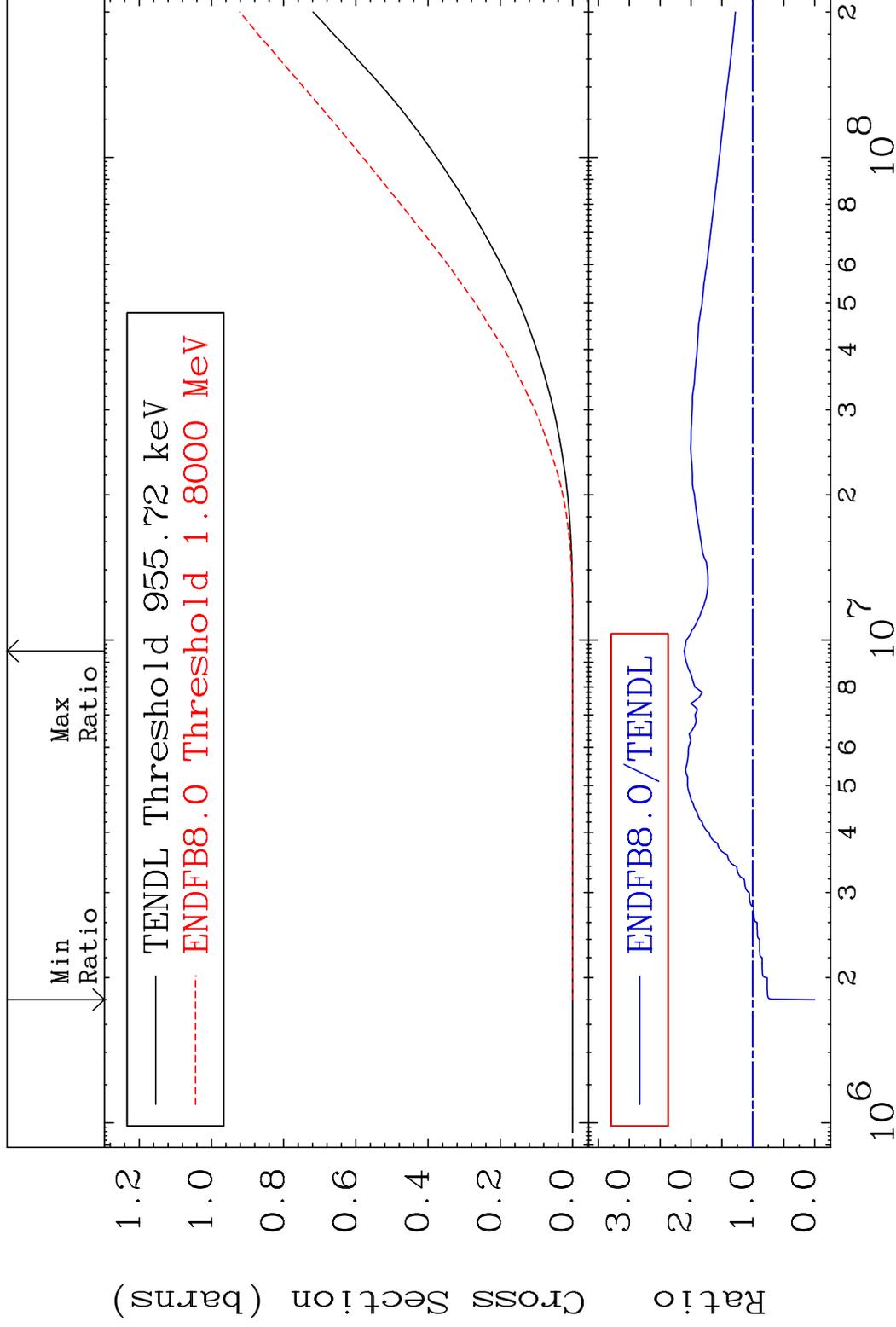
82-Pb-207

MAT 8234

Hydrogen Production

82-Pb-207

Cross Section -100.0 To 111.2 %



34

Incident Energy (eV)

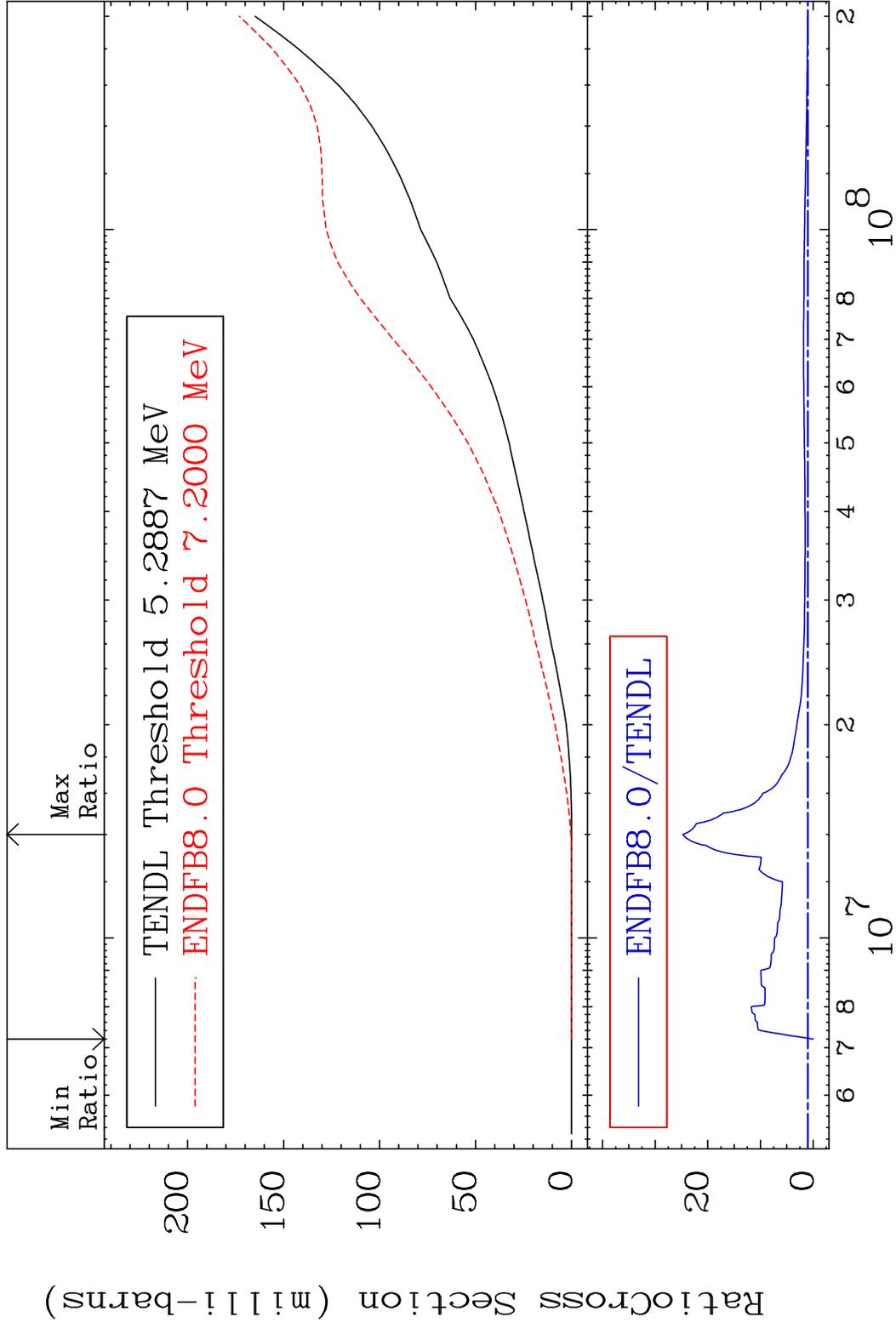
82-Pb-207

MAT 8234

Deuterium Production

82-Pb-207

Cross Section -100.0 To 2375. %



35

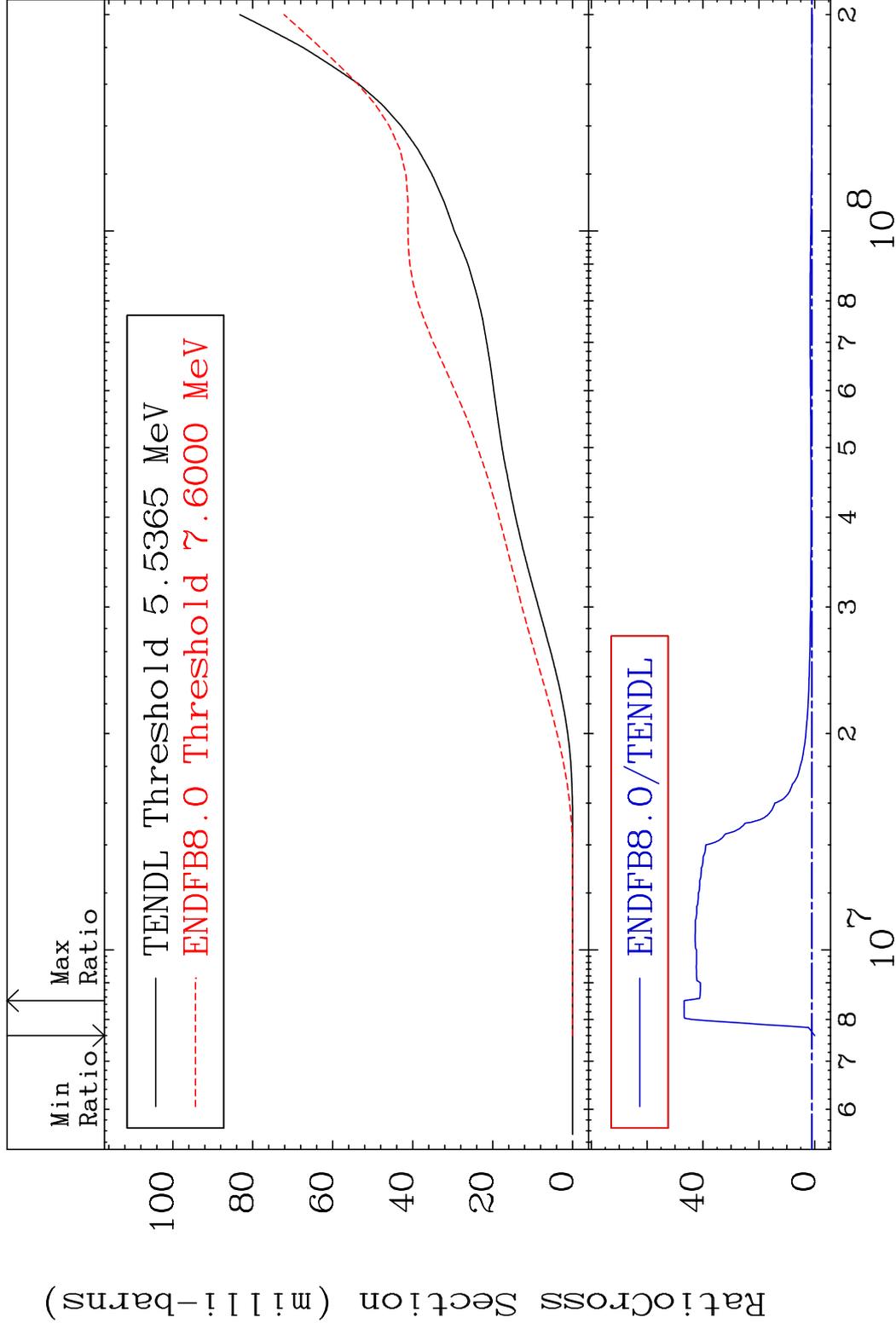
Incident Energy (eV)

82-Pb-207

MAT 8234

Tritium Production 82-Pb-207

Cross Section -100.0 To 4577. %



36

Incident Energy (eV)

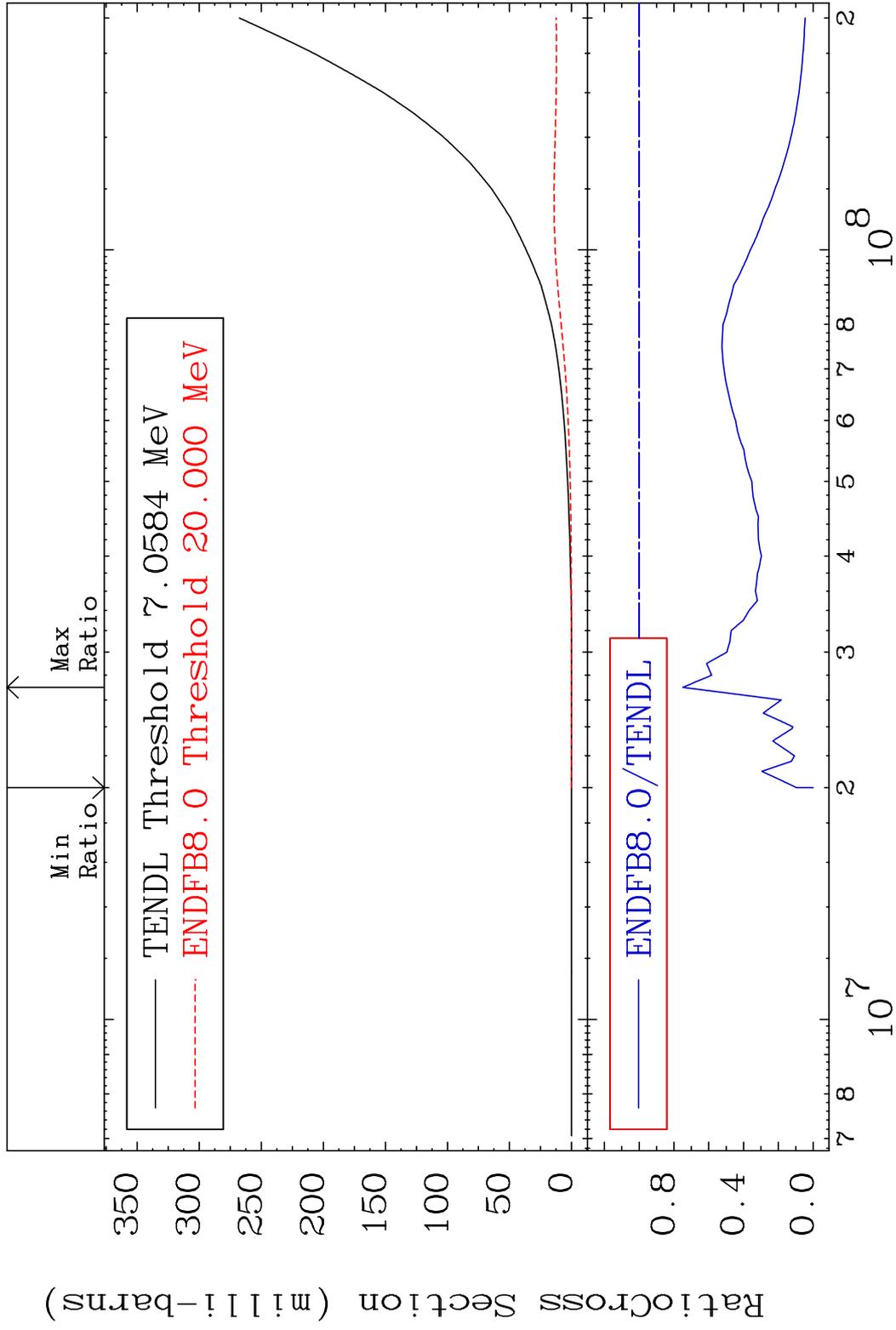
82-Pb-207

MAT 8234

He-3 Production

82-Pb-207

Cross Section -100.0 To -25.09%



37

Incident Energy (eV)

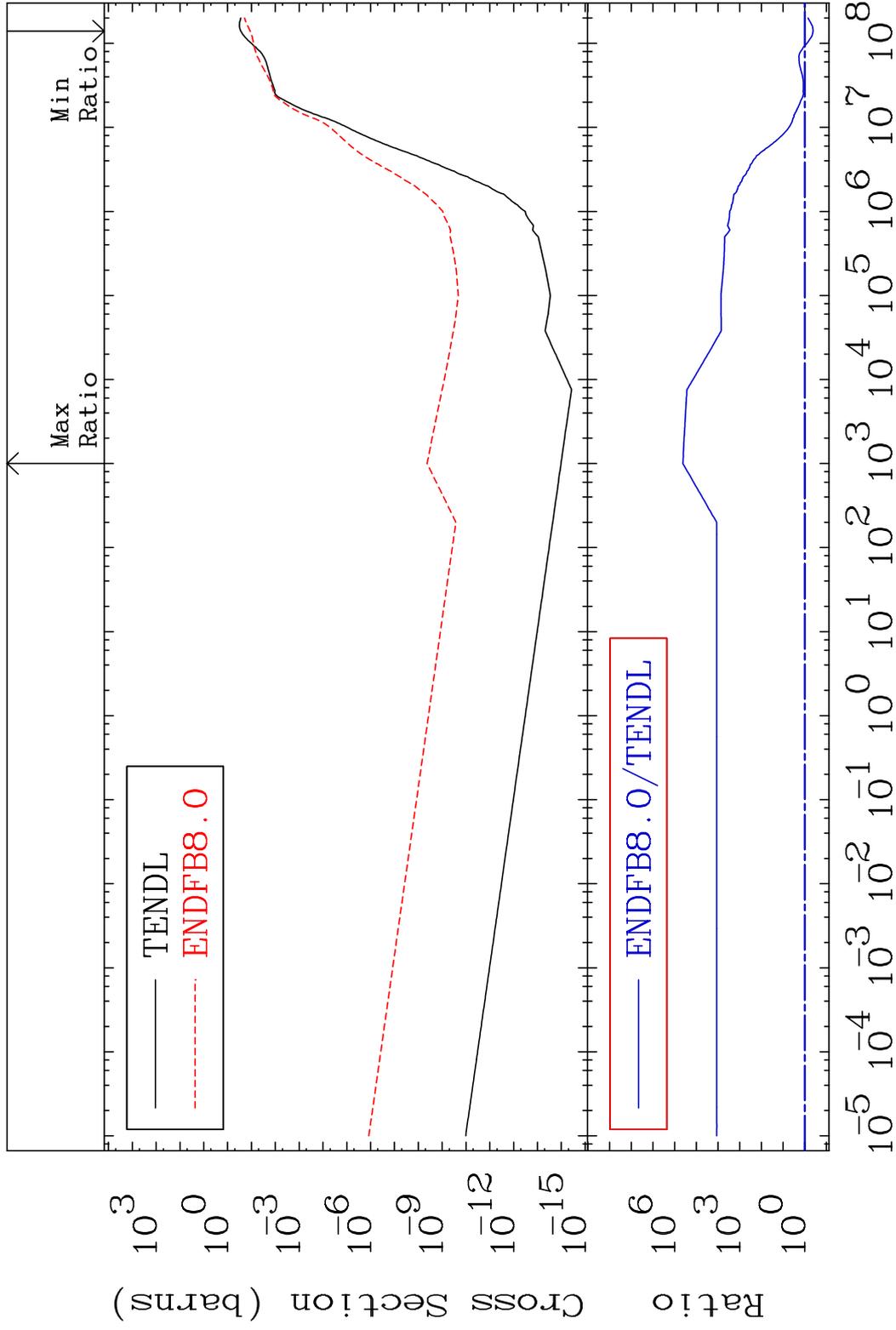
82-Pb-207

MAT 8234

He-4 Production

82-Pb-207

Cross Section -59.33 To 9999. %

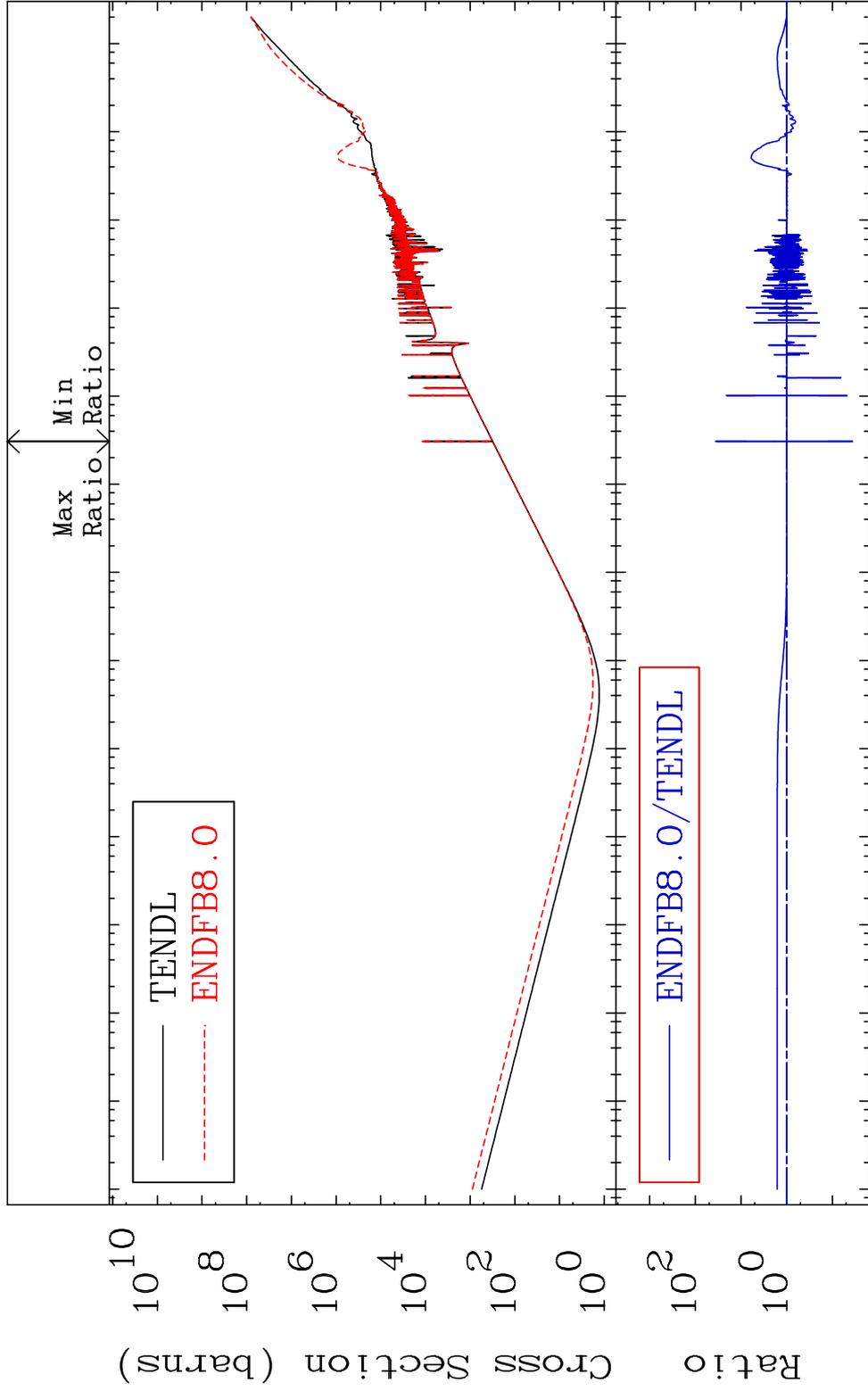


38

Incident Energy (eV)

82-Pb-207

MAT 8234 Kerma total (eV-barns) 82-Pb-207  
 Cross Section -96.38 To 3452. %

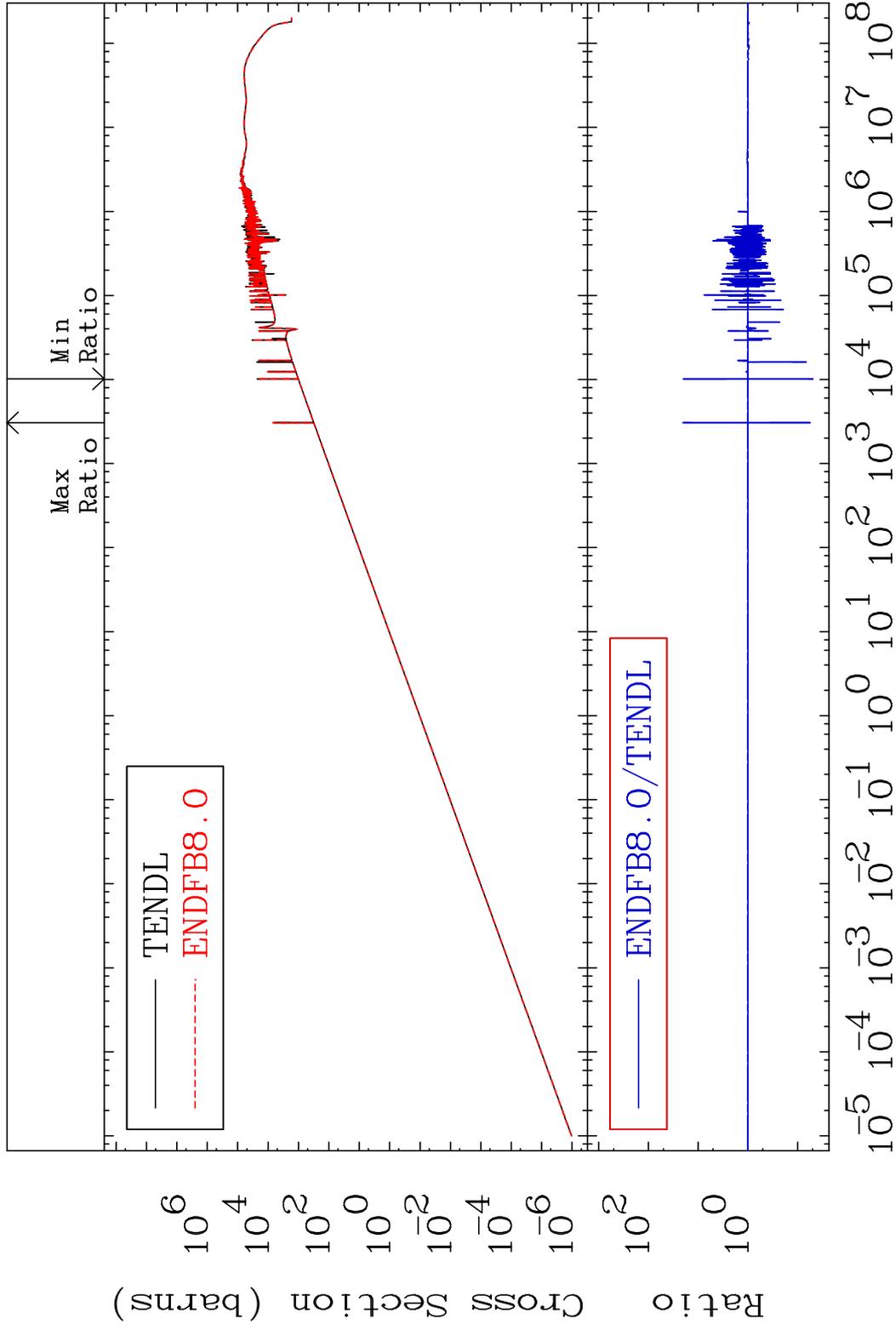


39 Incident Energy (eV) 82-Pb-207

MAT 8234

Kerma elastic  
Cross Section

82-Pb-207  
-95.13 To 1929. %

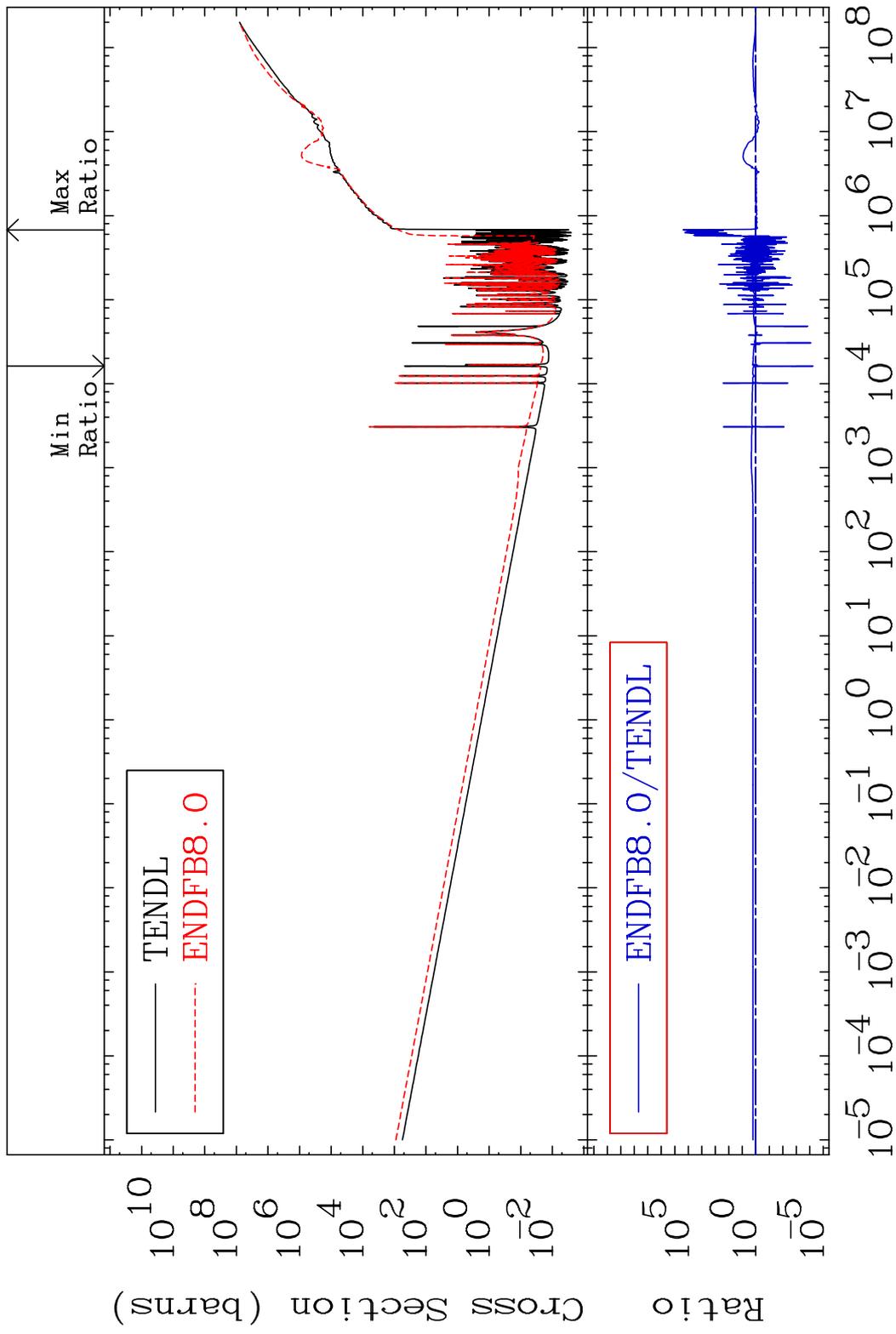


40

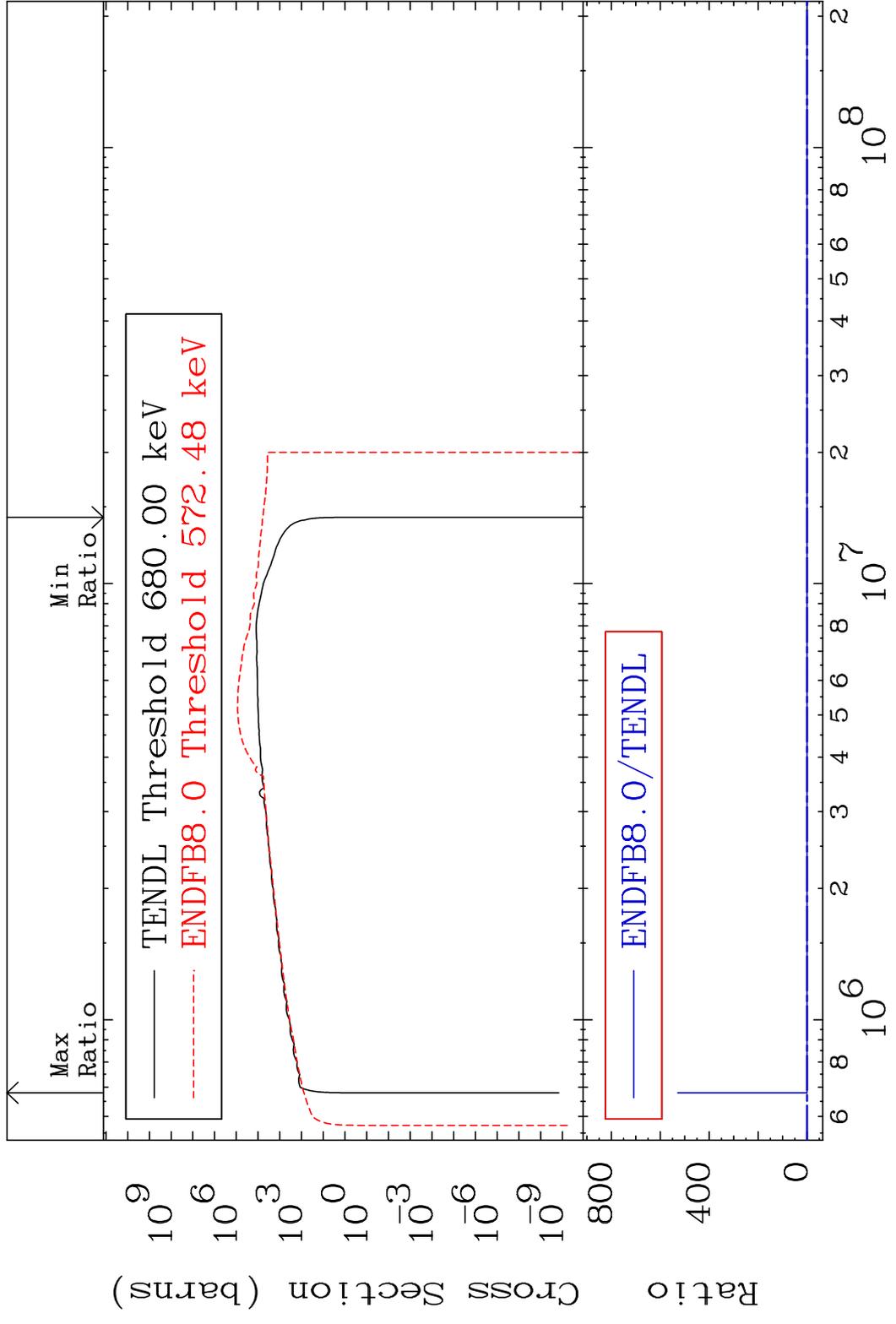
Incident Energy (eV)

82-Pb-207

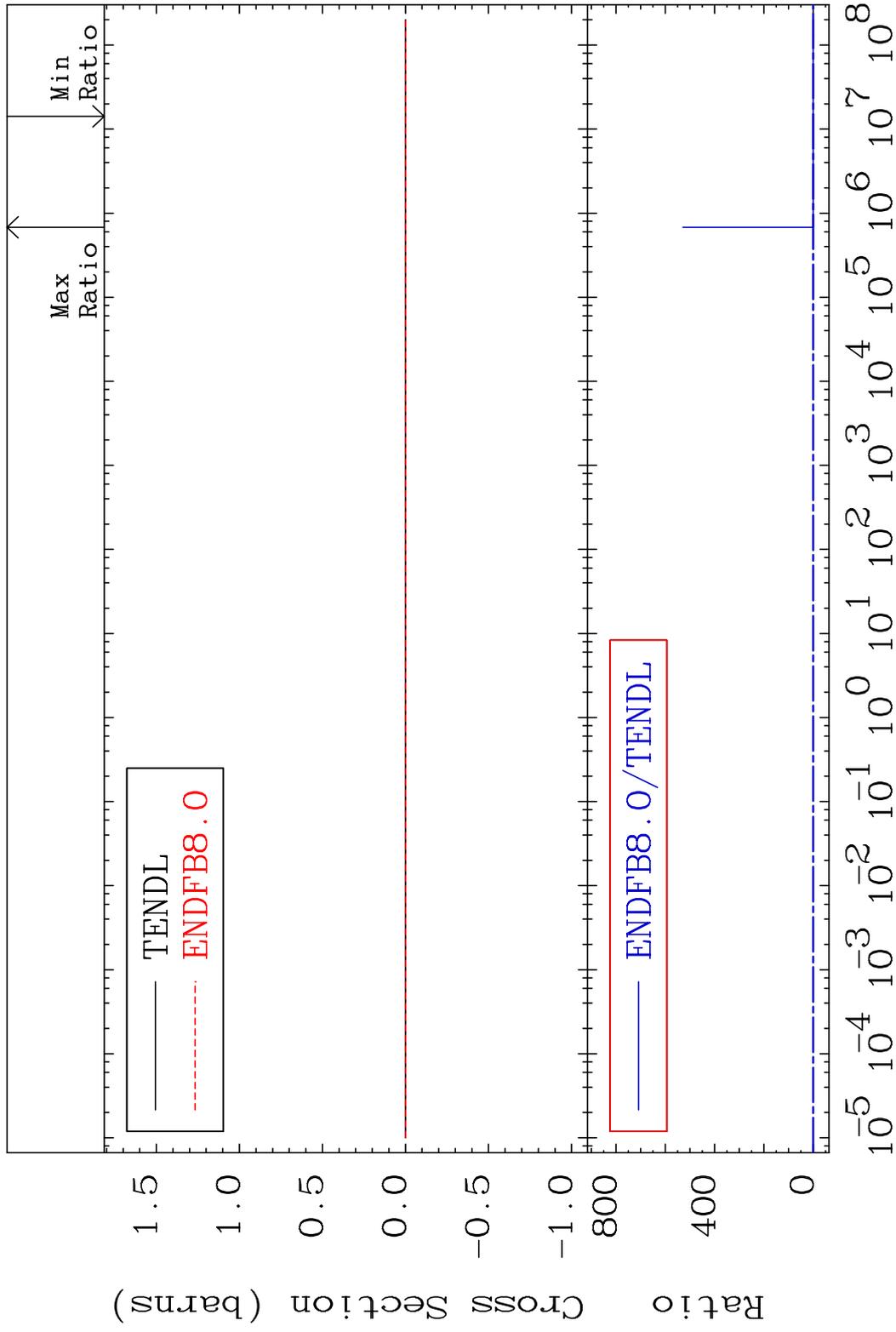
MAT 8234 Kerma non-elastic (all but mt2) 82-Pb-207  
 Cross Section -99.99 To 9999. %



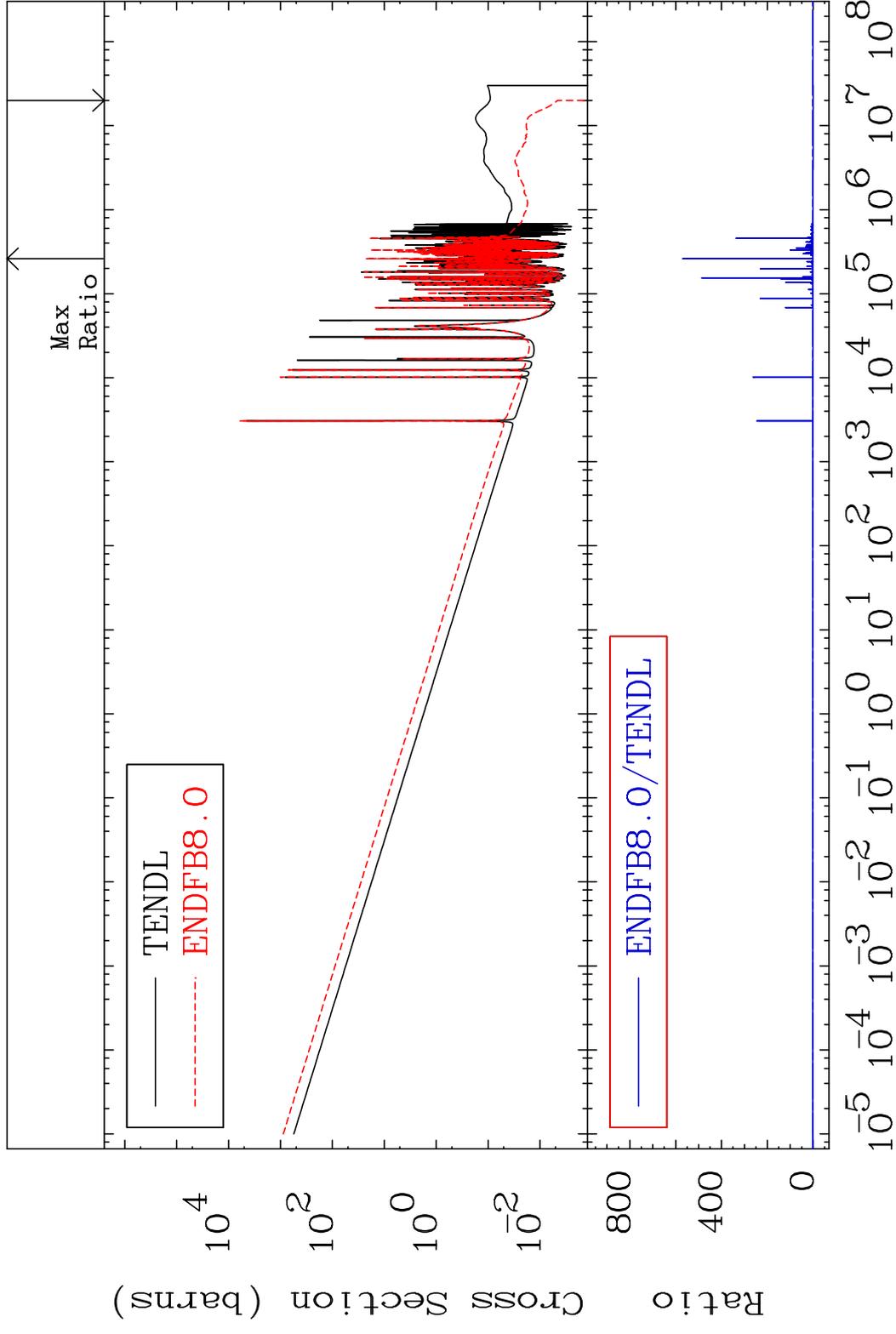
MAT 8234 Kerma inelastic (mt51-91) 82-Pb-207  
 Cross Section -9999. To 9999. %



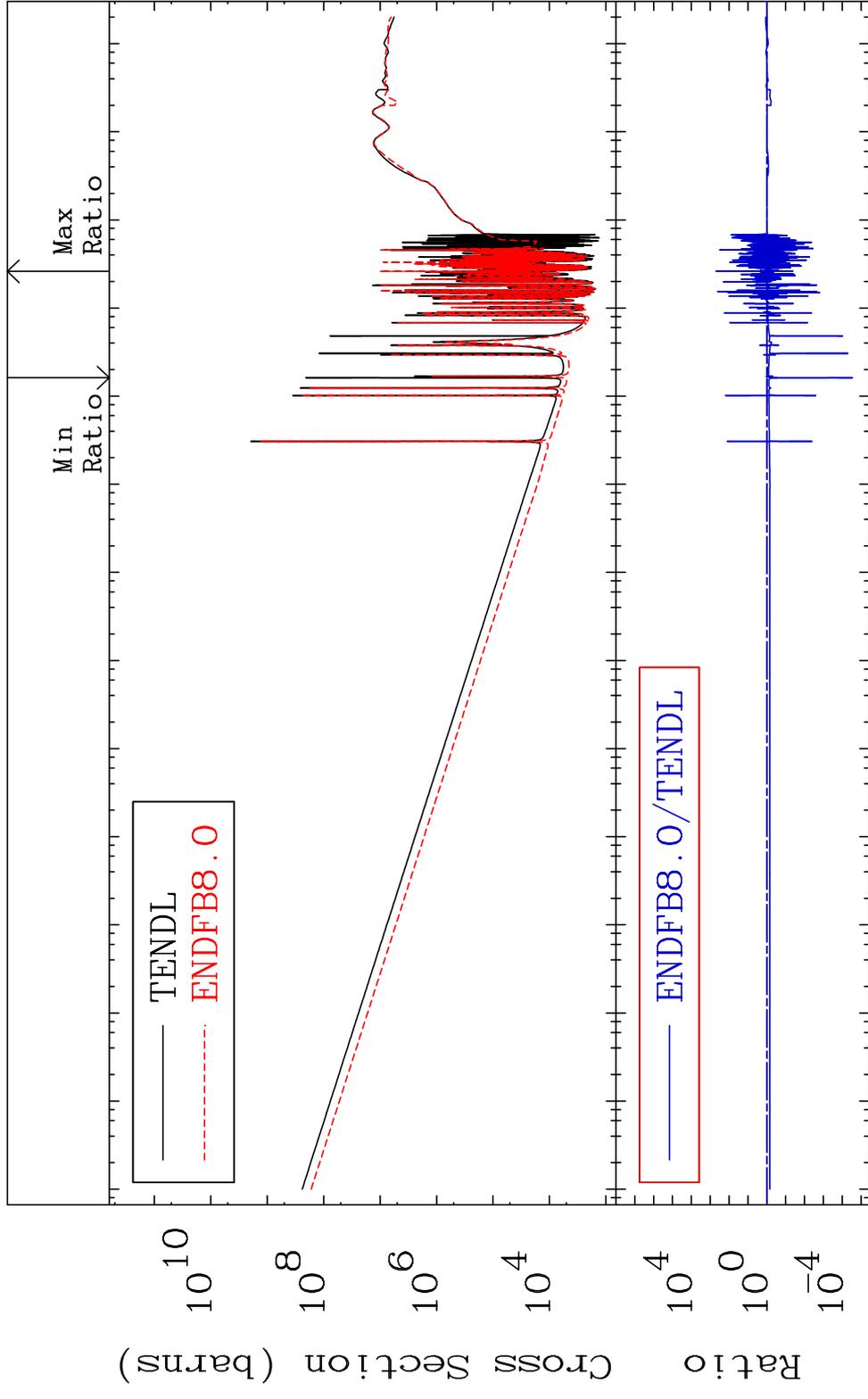
MAT 8234 Kerma fission (mt18 or mt19-20-21-38)82-Pb-207  
 Cross Section -9999. To 9999. %



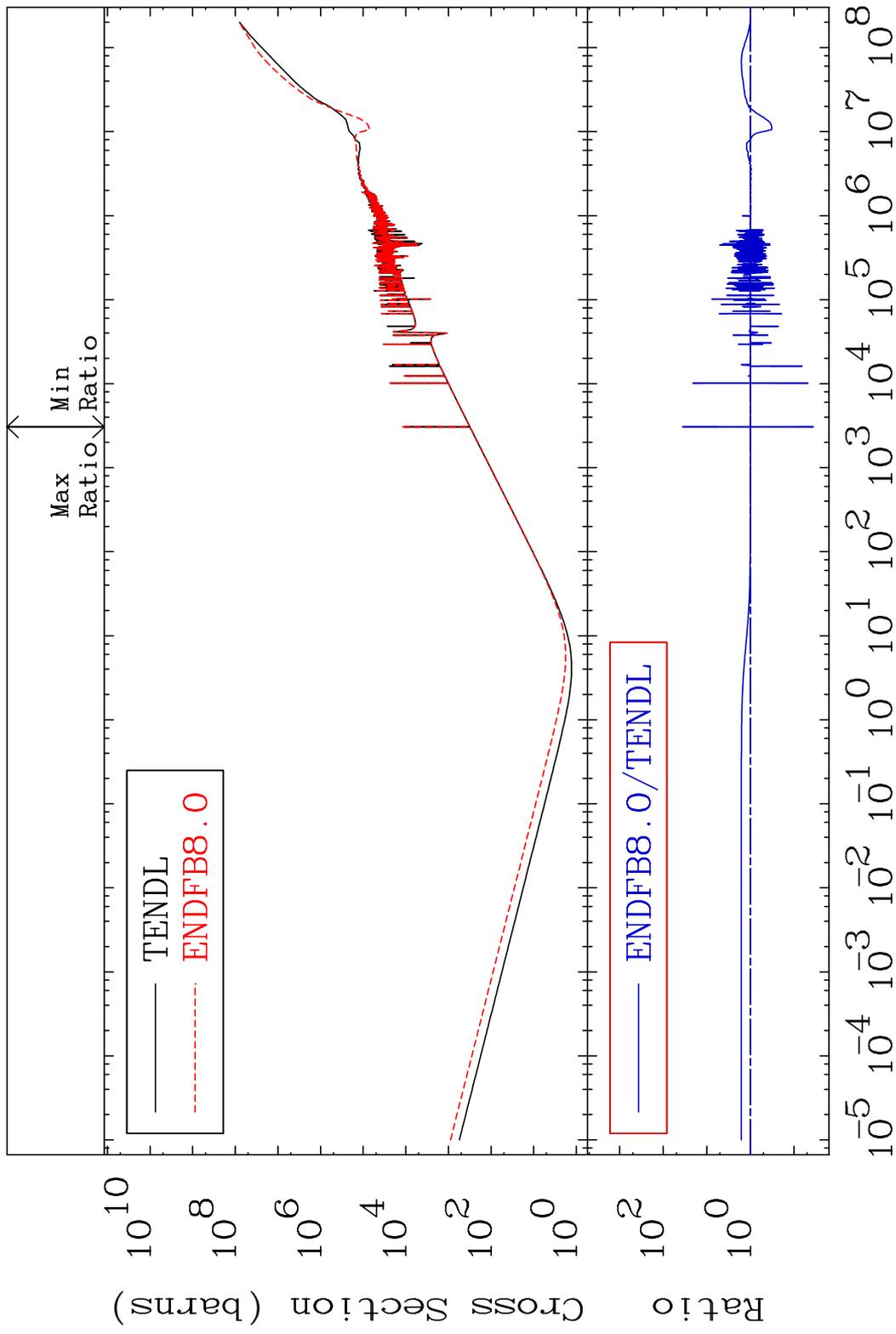
MAT 8234 Kerma capture (mt102) 82-Pb-207  
 Cross Section -100.0 To 9999. %



MAT 8234 Total photon (eV-barns) 82-Pb-207  
 Cross Section -100.0 To 9999. %



MAT 8234 Total kinematic kerma (high limit) 82-Pb-207  
Cross Section -96.38 To 3452. %

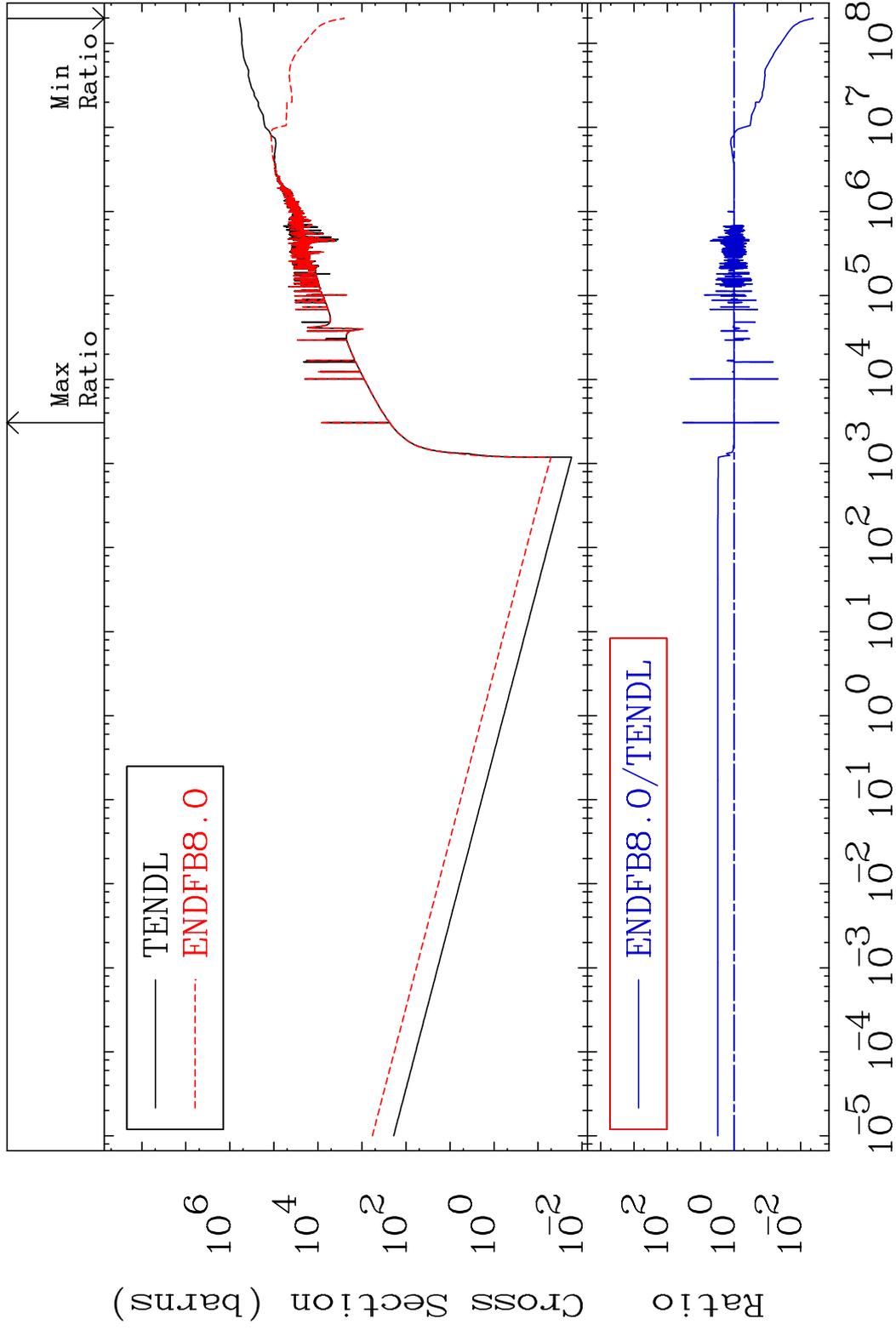


MAT 8234

Dpa total (eV-barns)

82-Pb-207

Cross Section -99.58 To 3323. %



47

Incident Energy (eV)

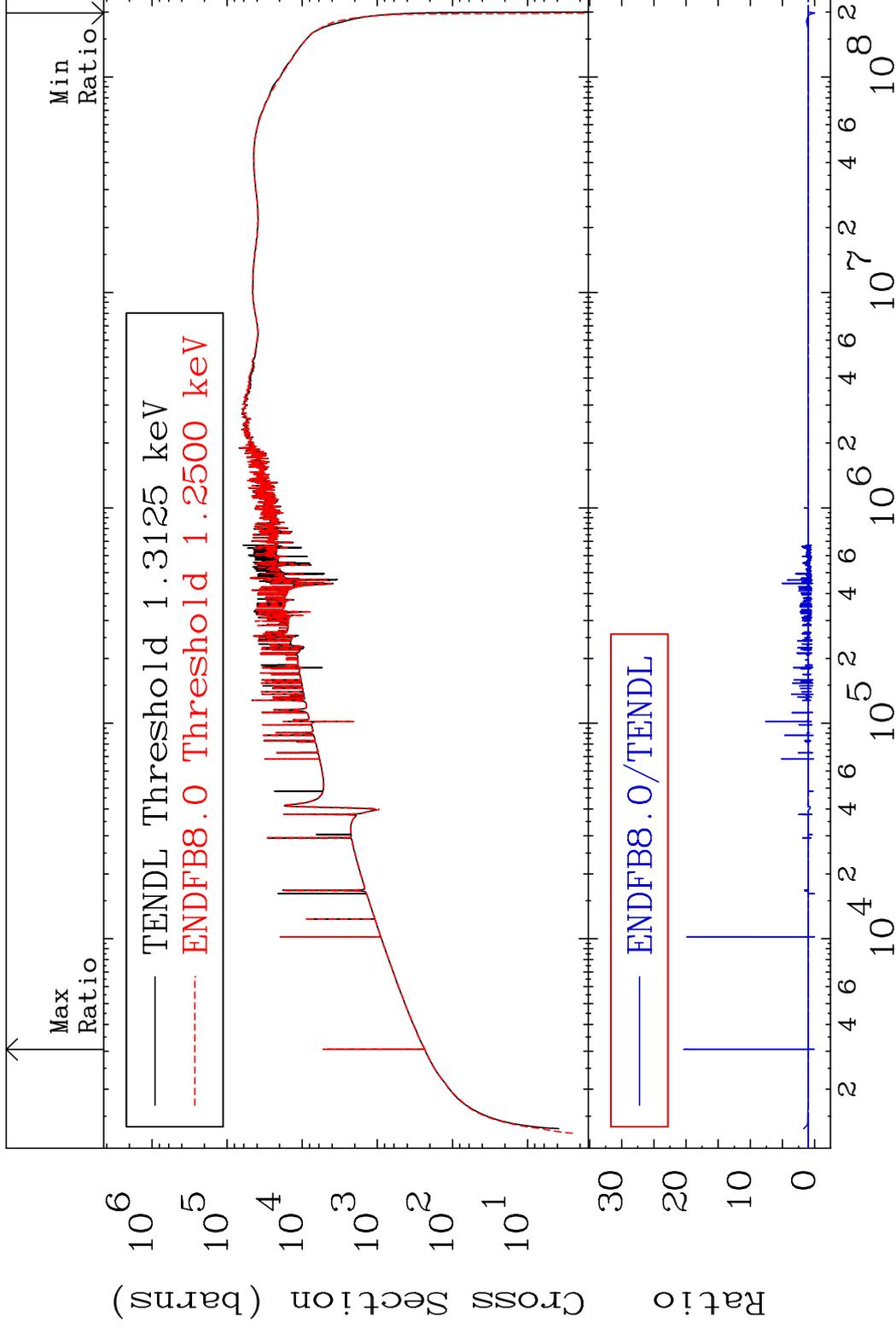
82-Pb-207

MAT 8234

Dpa elastic (mt2)

82-Pb-207

Cross Section -100.0 To 1933. %

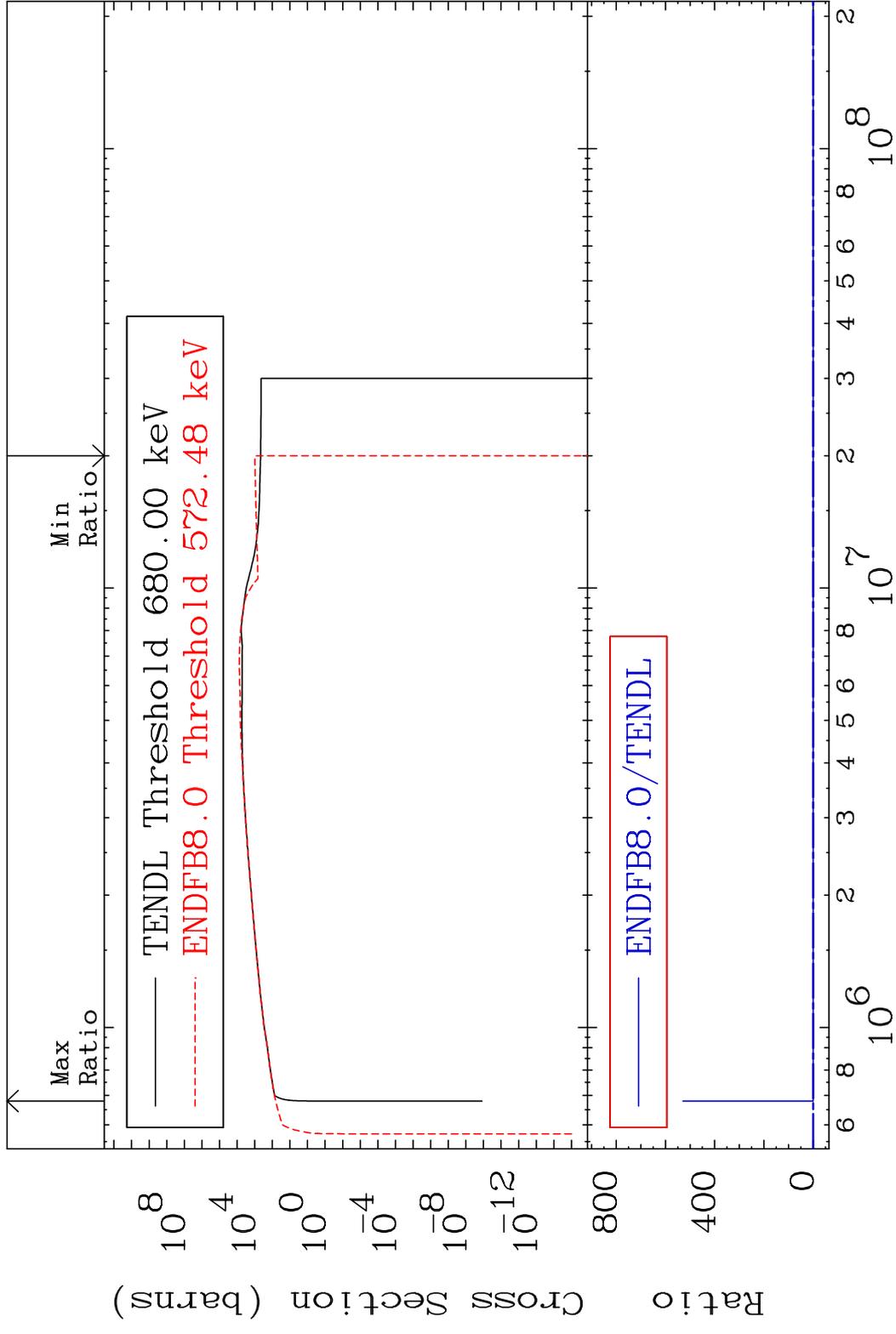


48

Incident Energy (eV)

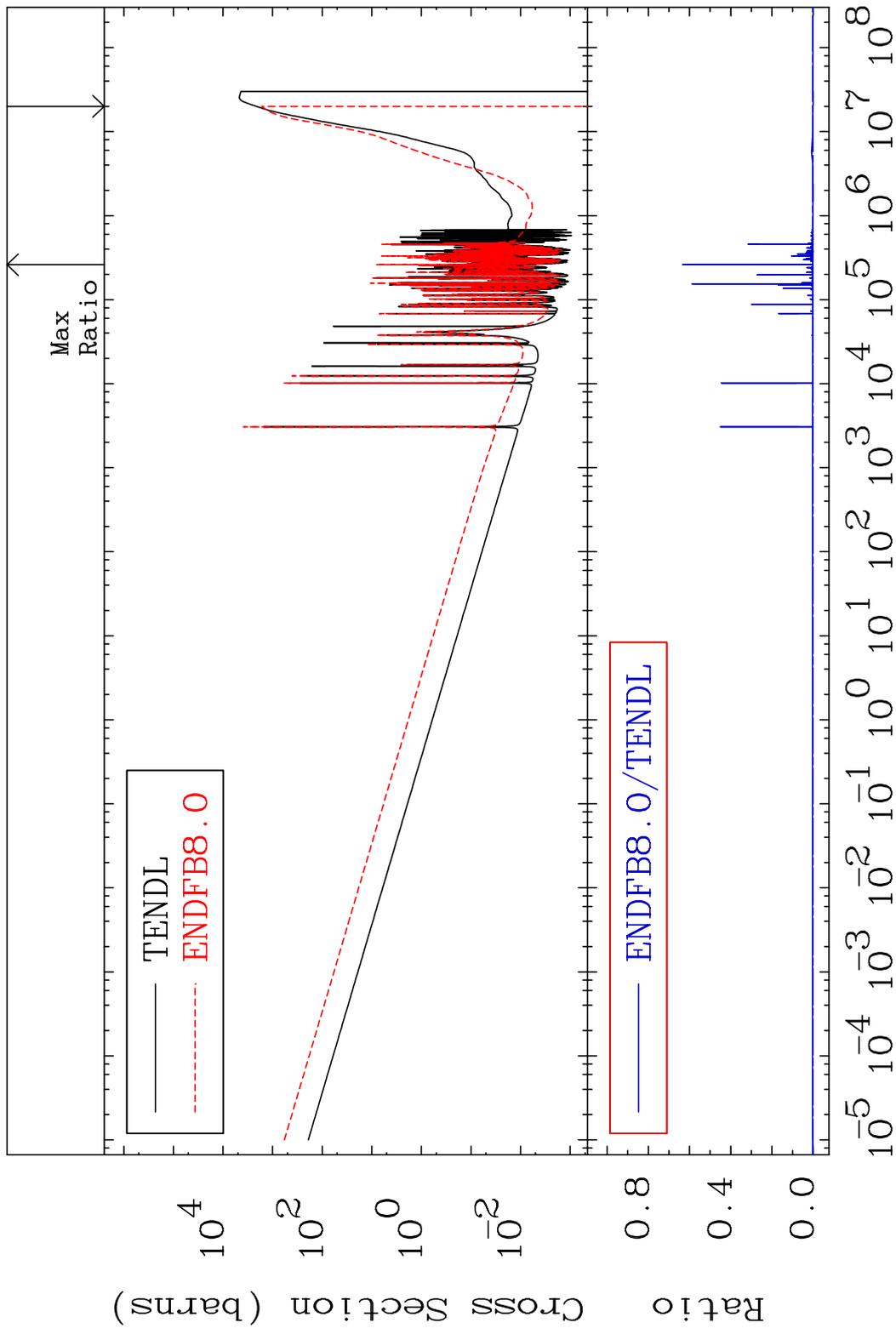
82-Pb-207

MAT 8234 Dpa inelastic (mt51-91) 82-Pb-207  
 Cross Section -100.0 To 9999. %



49 Incident Energy (eV) 82-Pb-207

MAT 8234 Dpa disappearance (mt102 -120) 82-Pb-207  
 Cross Section -100.0 To 9999. %



50 Incident Energy (eV) 82-Pb-207

MAT 8234 (n,p):81-Tl-207g 82-Pb-207  
 Radionuclide Production Cross Section 180.0 dth 143.2 %

