

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

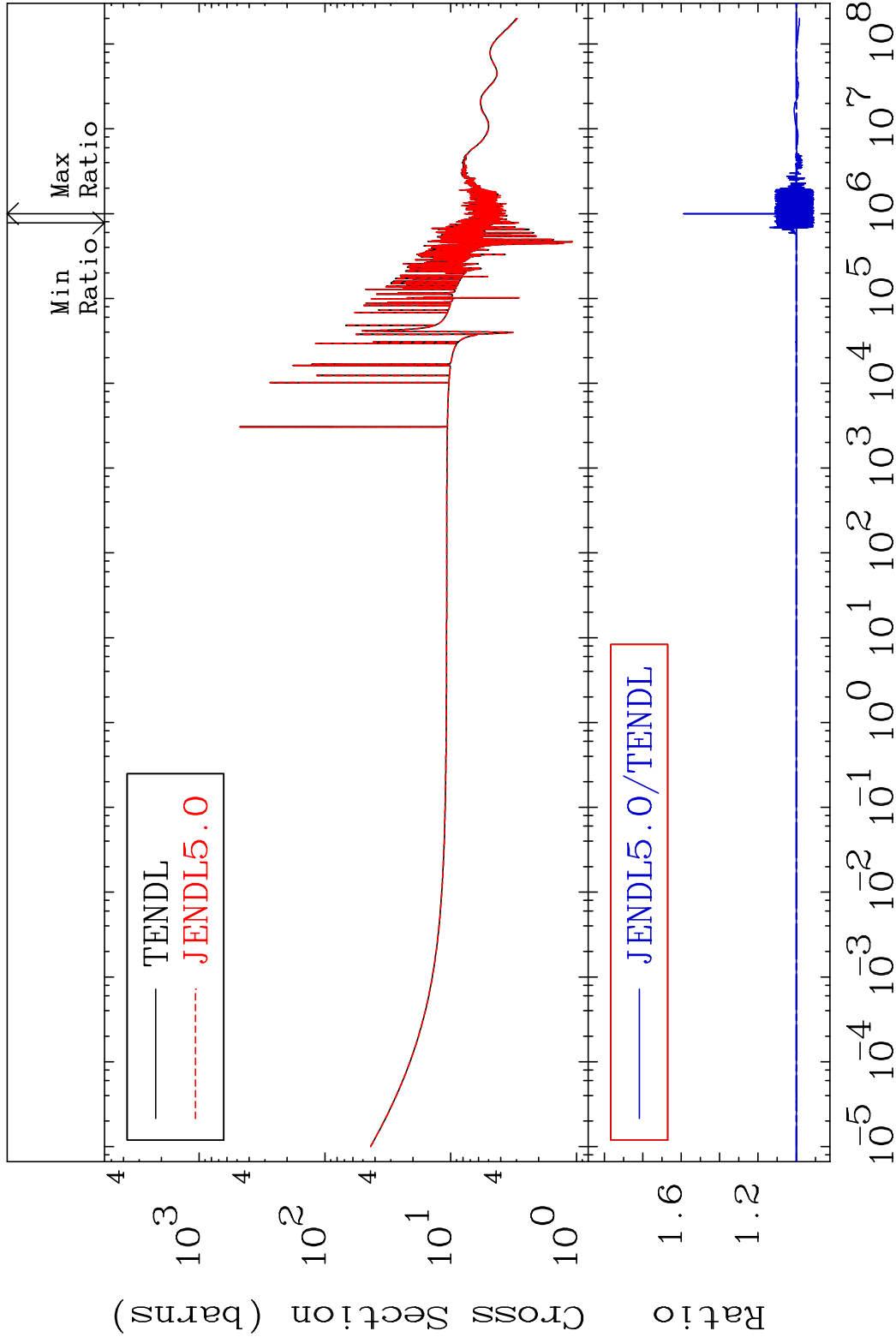
MAT 8234

Total

82-Pb-207

Cross Section

-9.236 To 58.71 %



1

Incident Energy (eV)

82-Pb-207

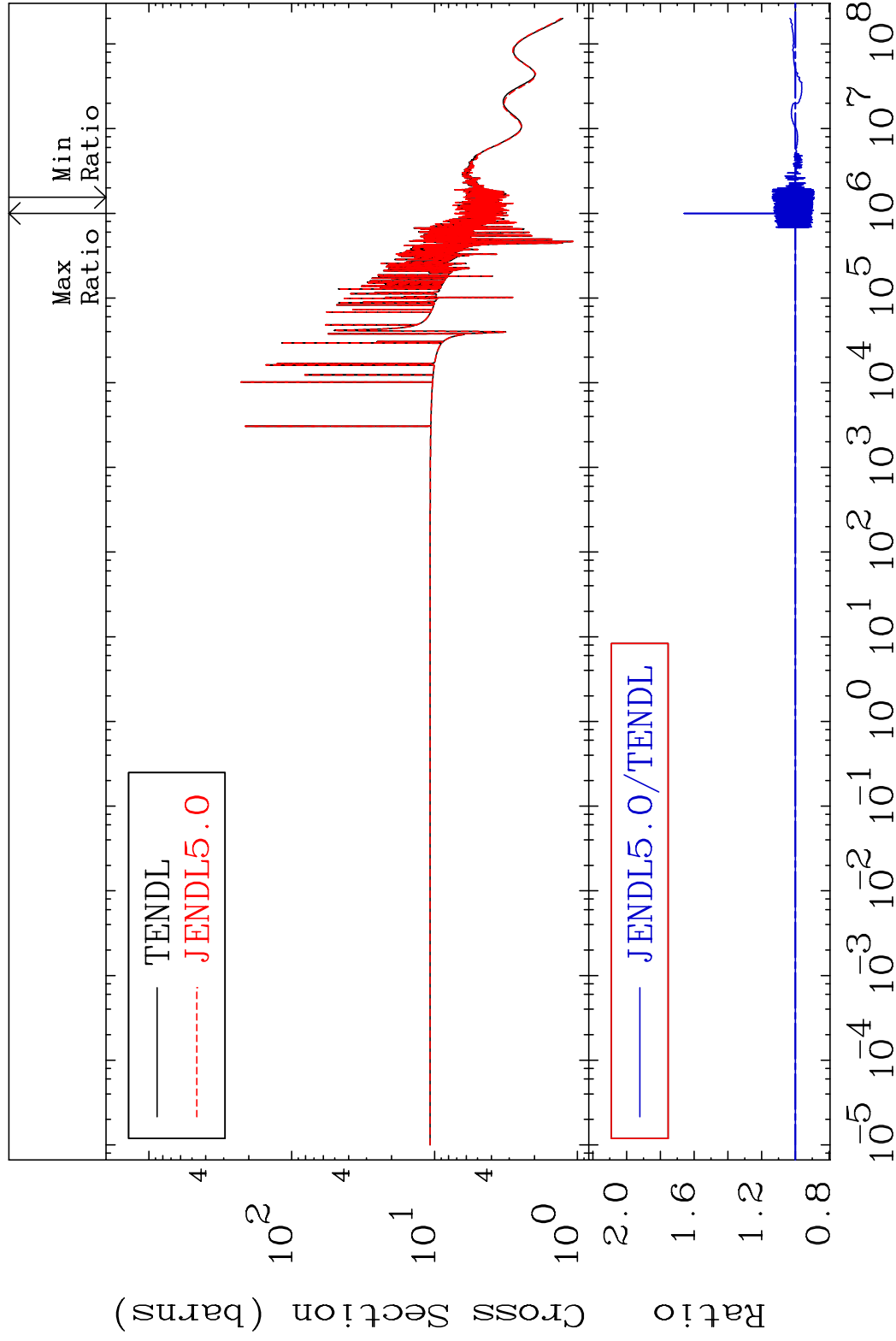
MAT 8234

Elastic

82-Pb-207

Cross Section

-11.22 To 65.99 %

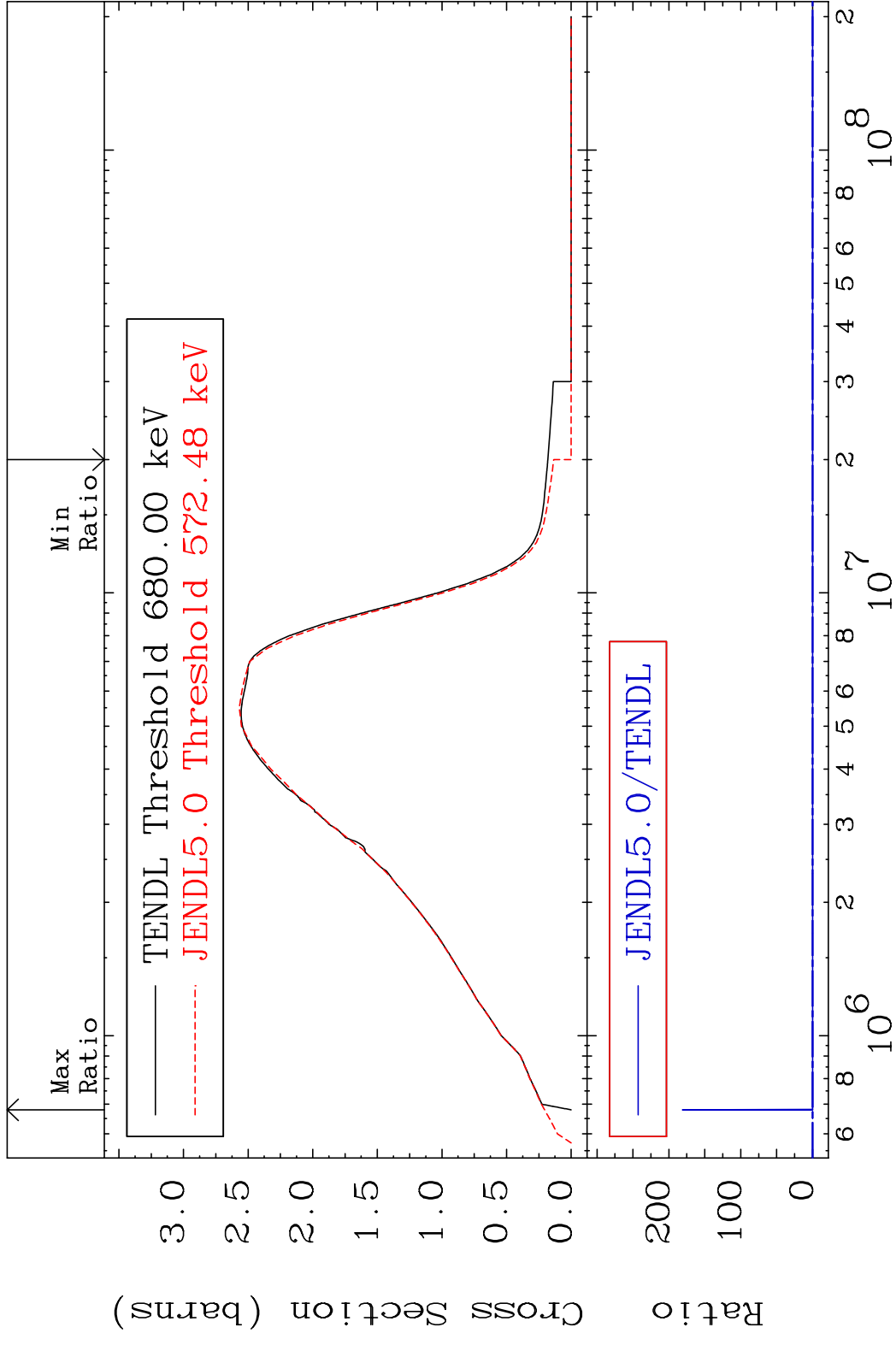


2

Incident Energy (eV)

82-Pb-207

MAT 8234 Inelastic 82-Pb-207  
 Cross Section -100.0 To 9999. %



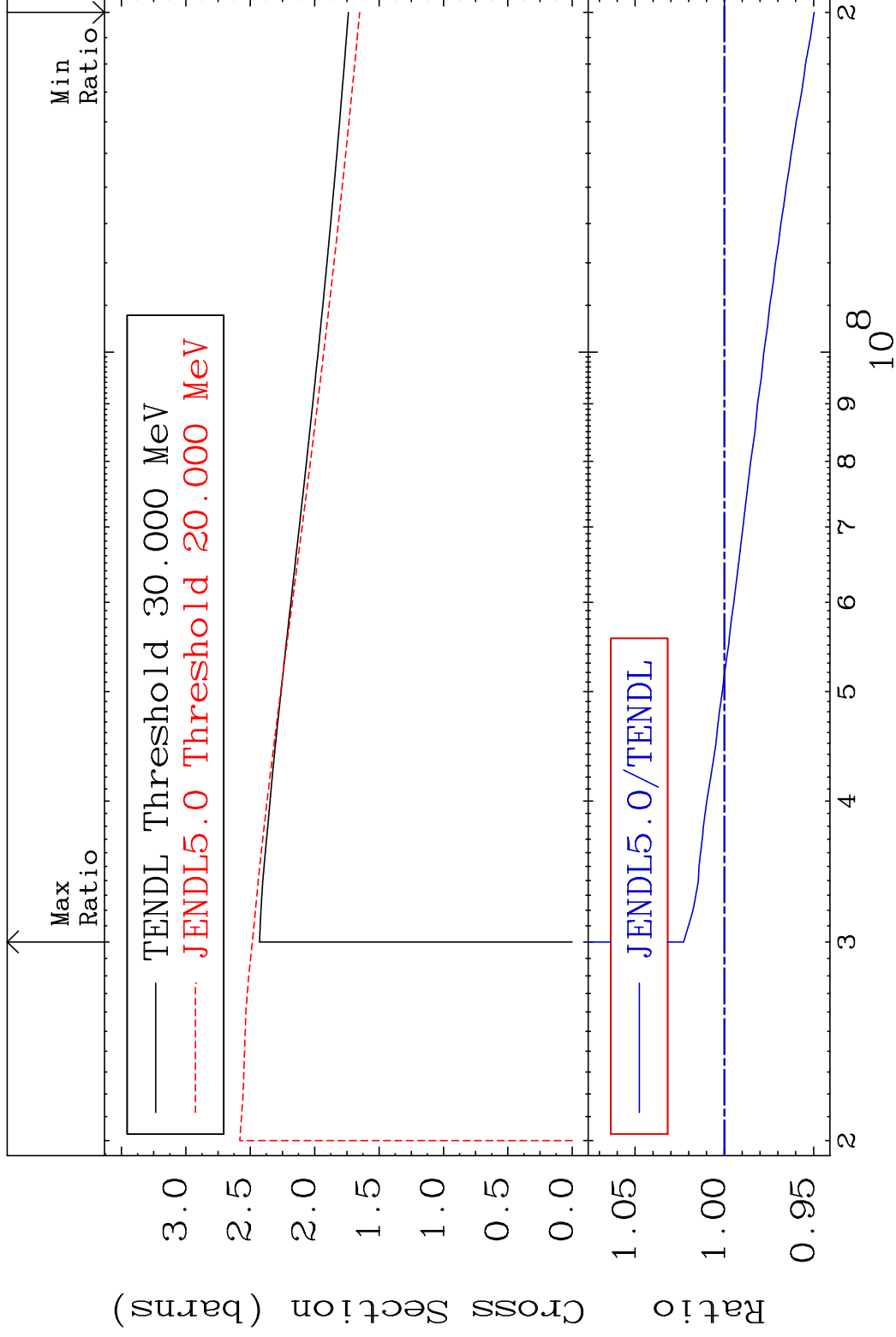
MAT 8234

(n, remainder)

82-Pb-207

Cross Section

-5.028 To 2.281 %



4

Incident Energy (eV)

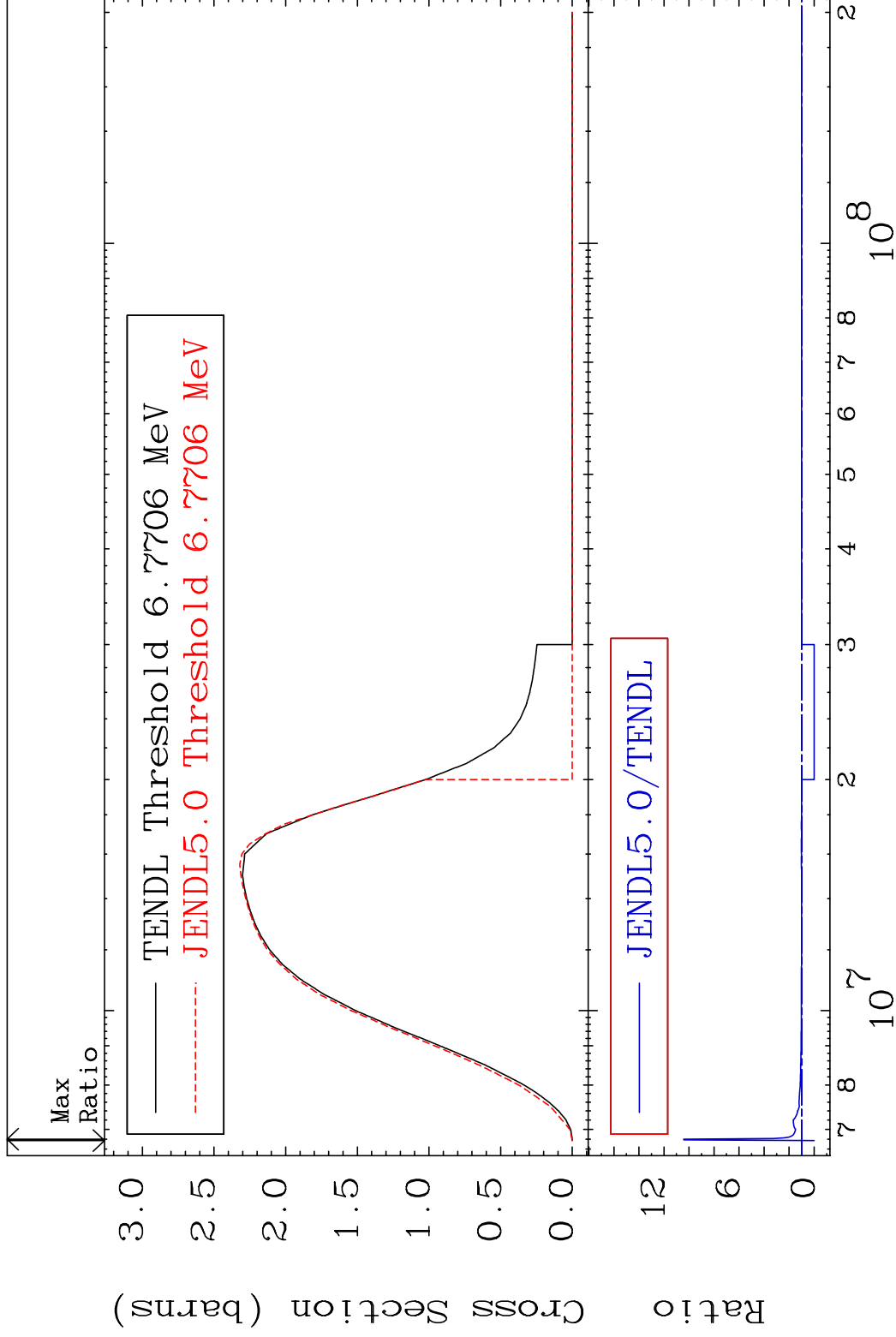
82-Pb-207

MAT 8234

(n,2n)

82-Pb-207

Cross Section -100.0 To 942.6 %



5

Incident Energy (eV)

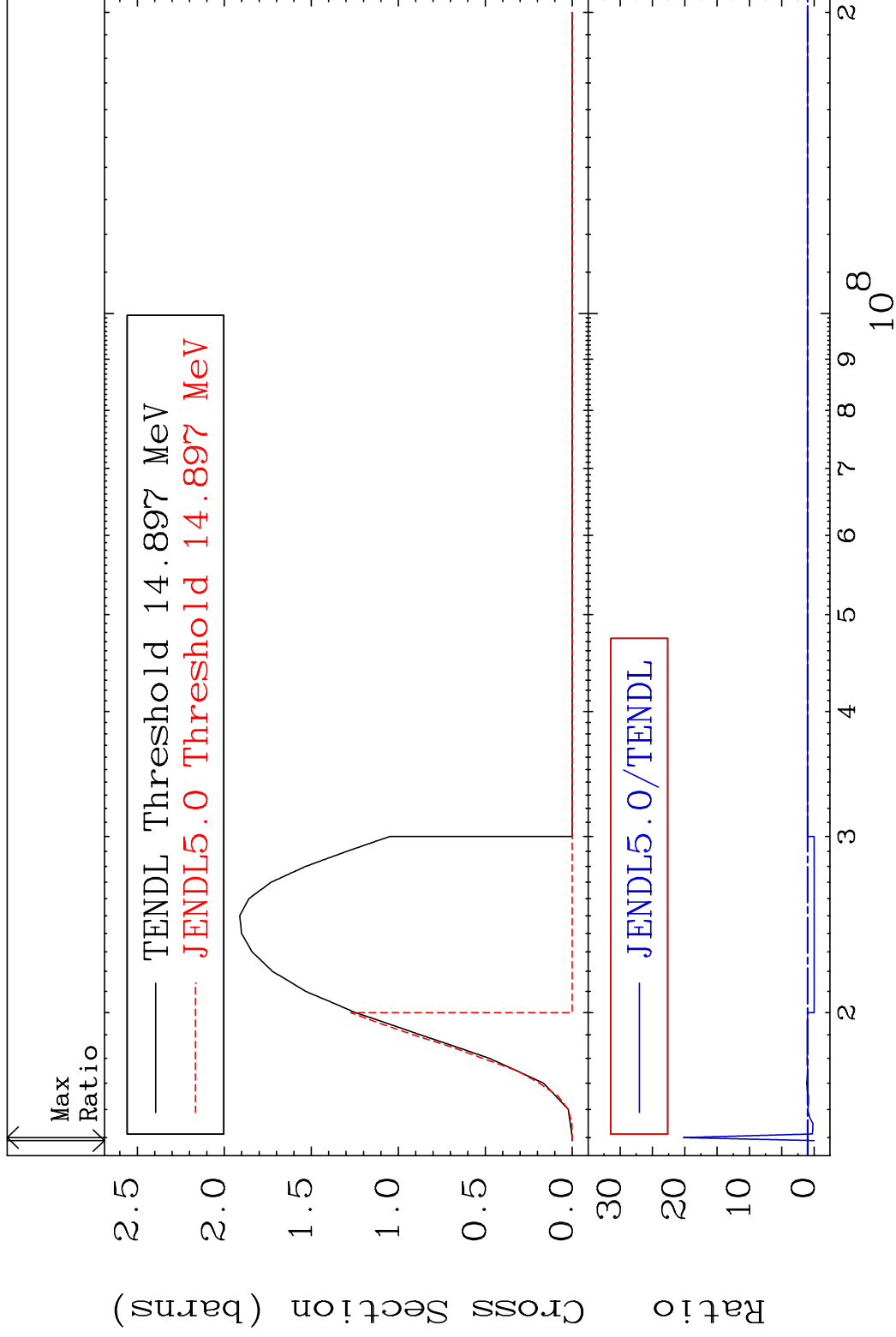
82-Pb-207

MAT 8234

(n,3n)

82-Pb-207

Cross Section -100.0 To 1917. %

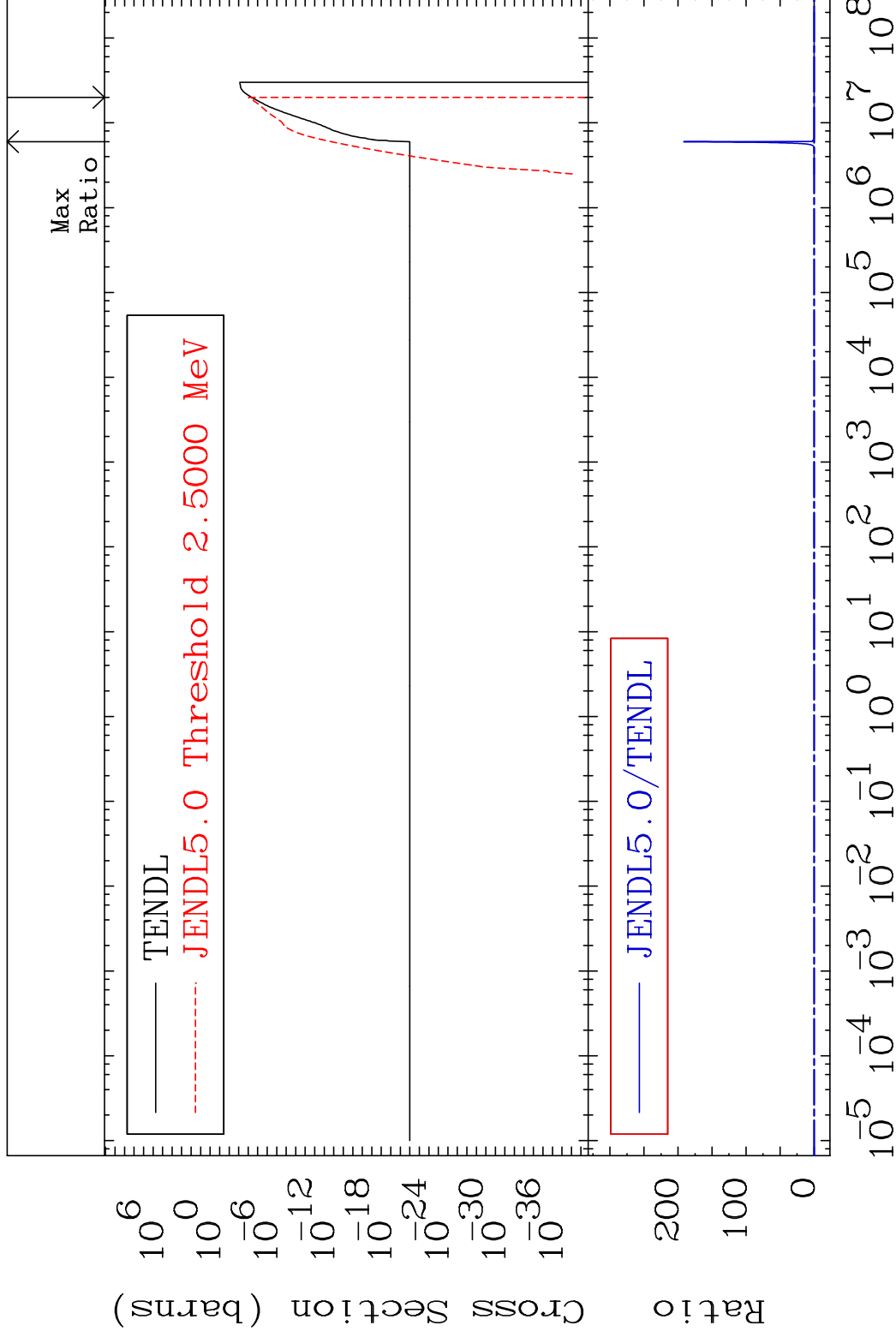


MAT 8234

(n, n')  $\alpha$

82-Pb-207

Cross Section -100.0 To 9999. %



7

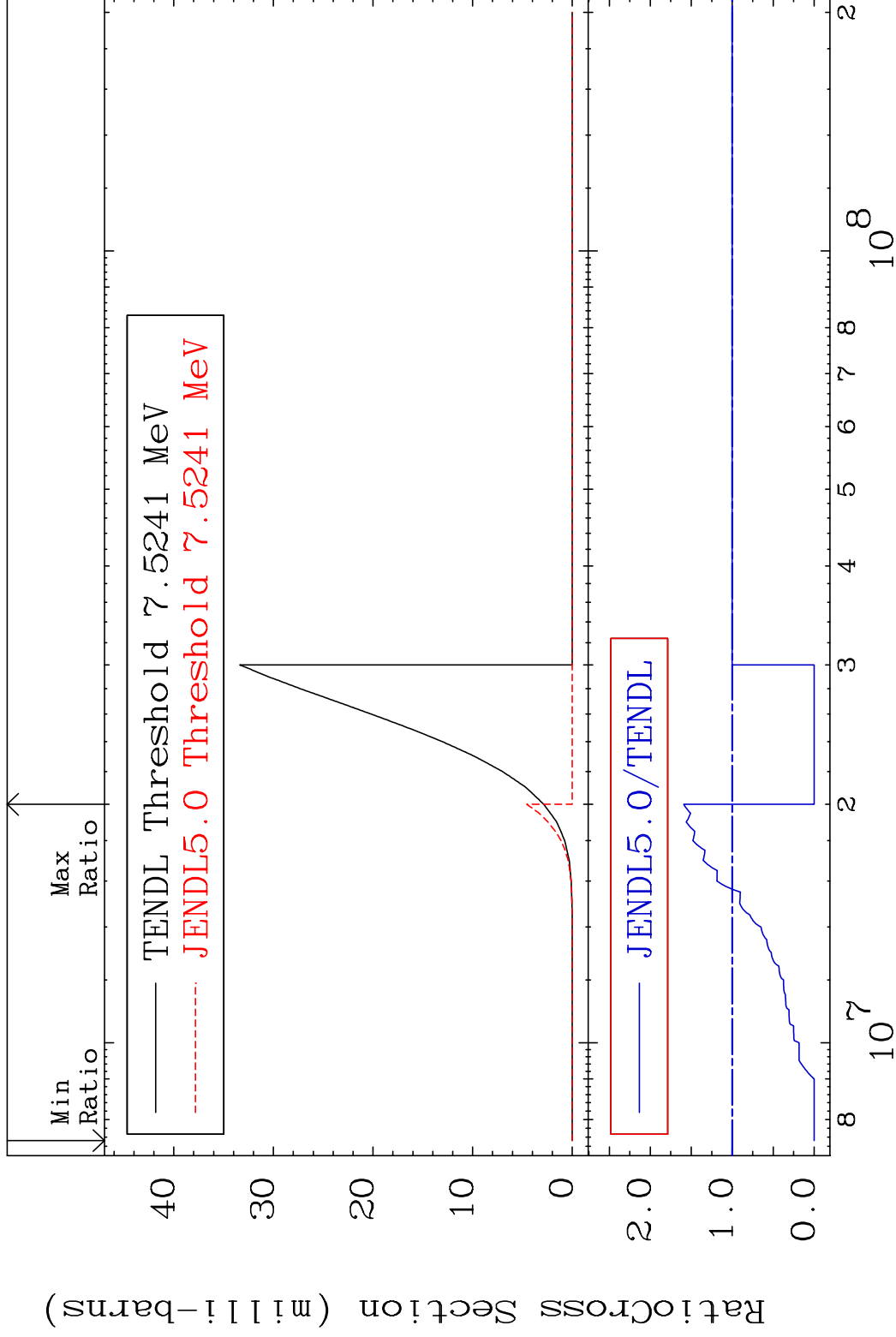
Incident Energy (eV)

82-Pb-207



MAT 8234

(n, n') p 82-Pb-207  
Cross Section -100.0 To 59.25 %

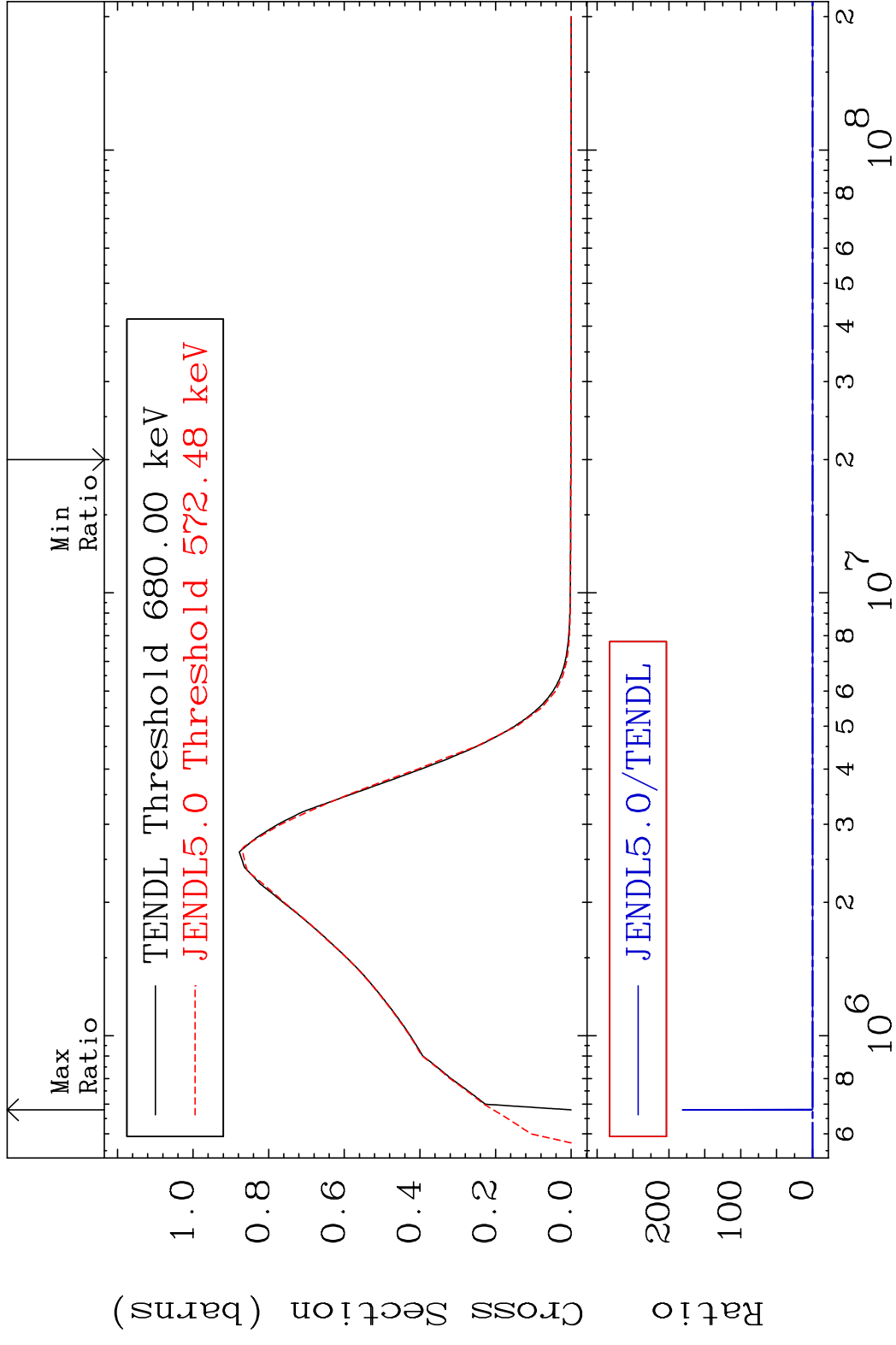


8

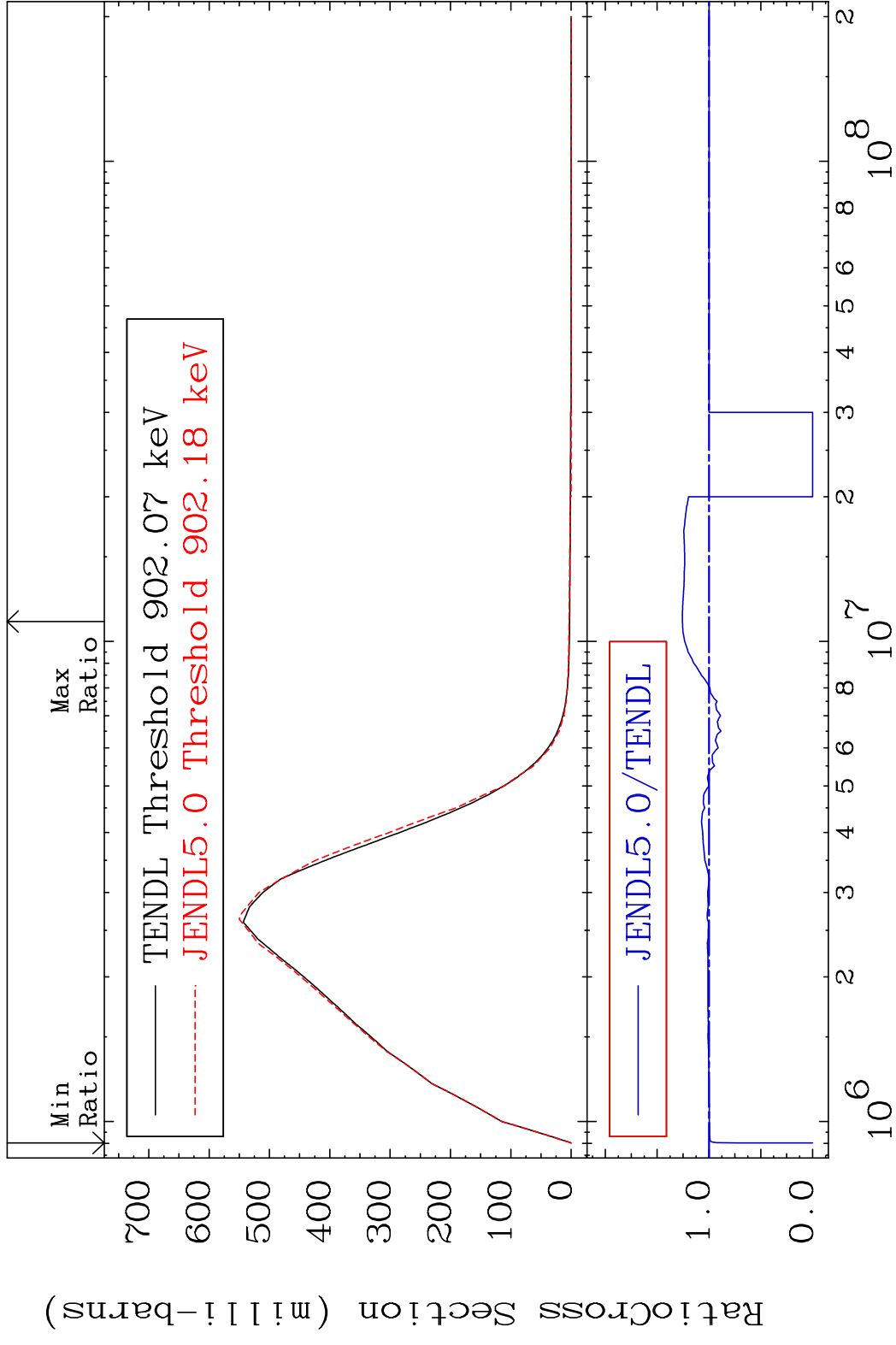
Incident Energy (eV)

82-Pb-207

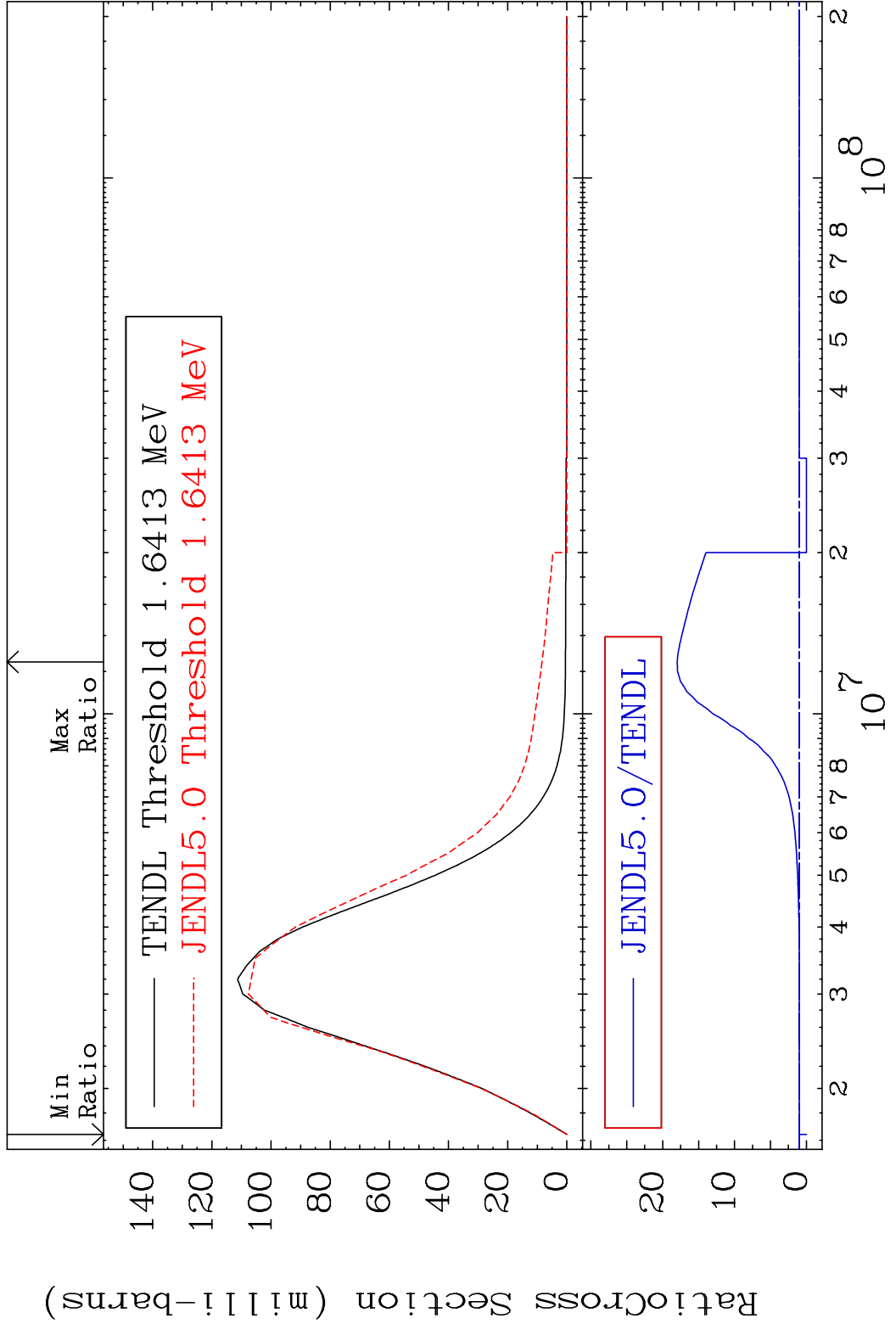
MAT 8234 MT= 51 (n, n') Level 82-Pb-207  
 Cross Section -100.0 To 9999. %



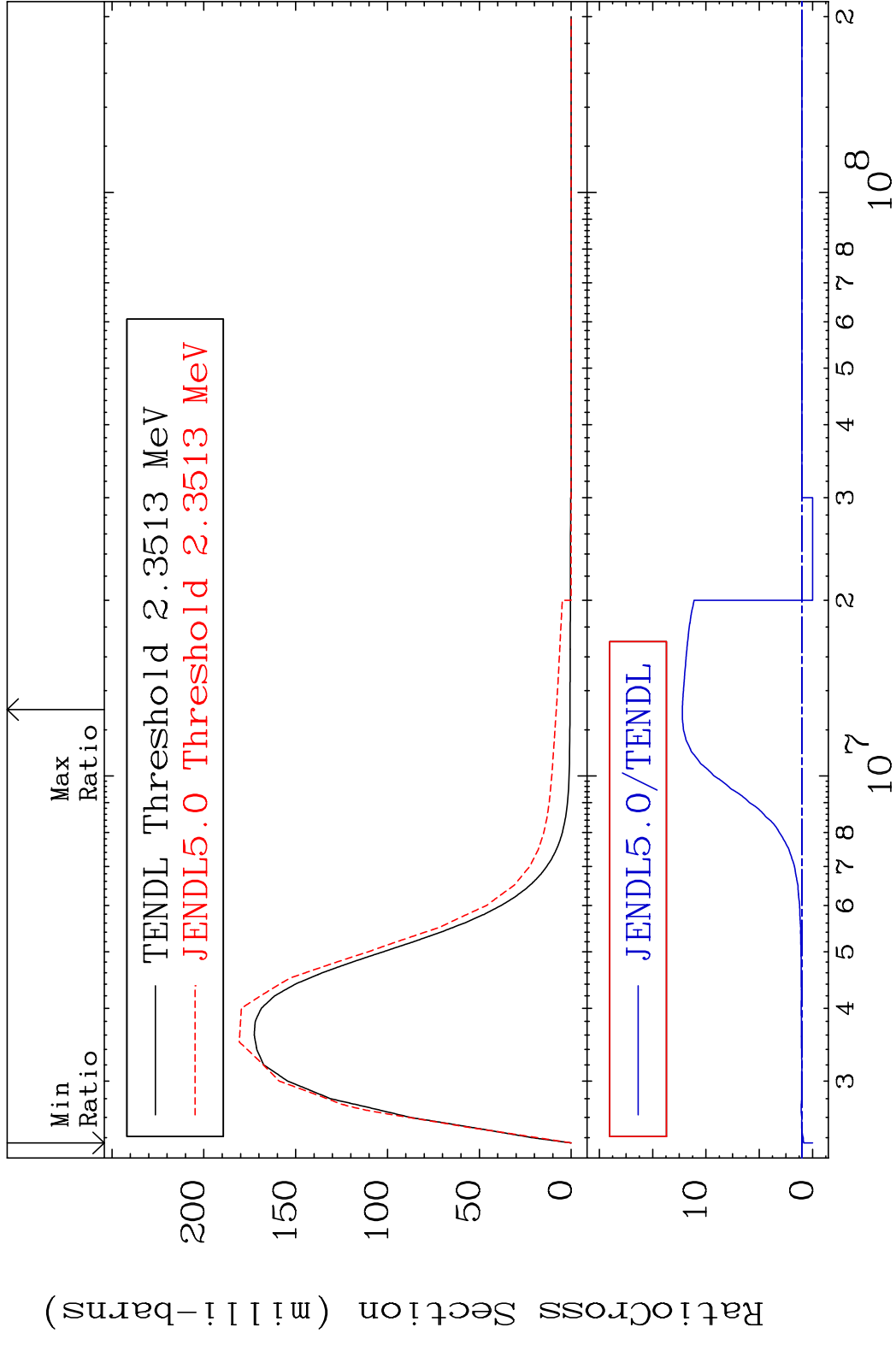
MAT 8234 MT= 52 (n, n') Level 82-Pb-207  
 Cross Section -100.0 To 25.70 %



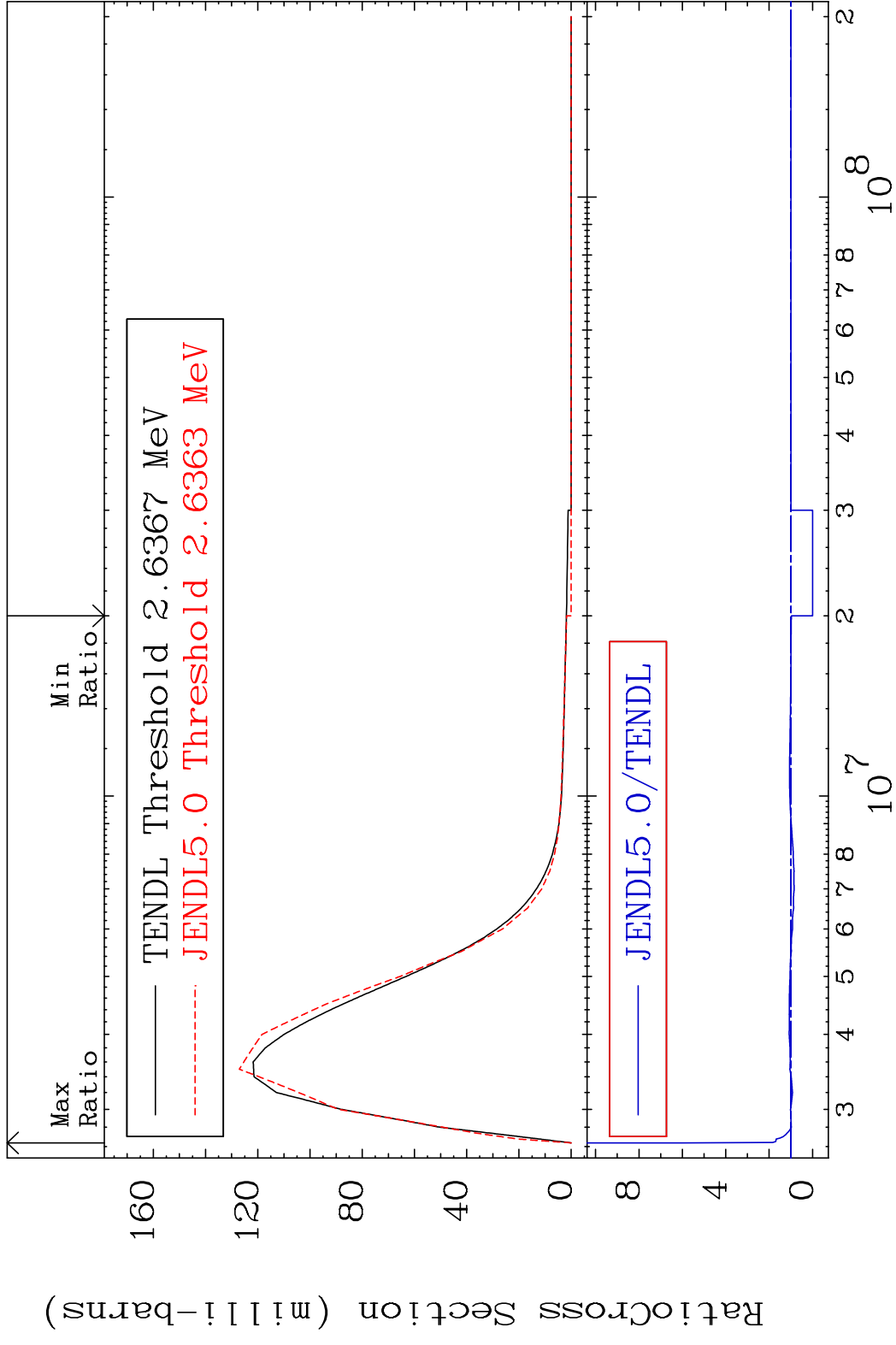
MAT 8234 MT= 53 (n, n') Level 82-Pb-207  
 Cross Section -100.0 To 1698. %



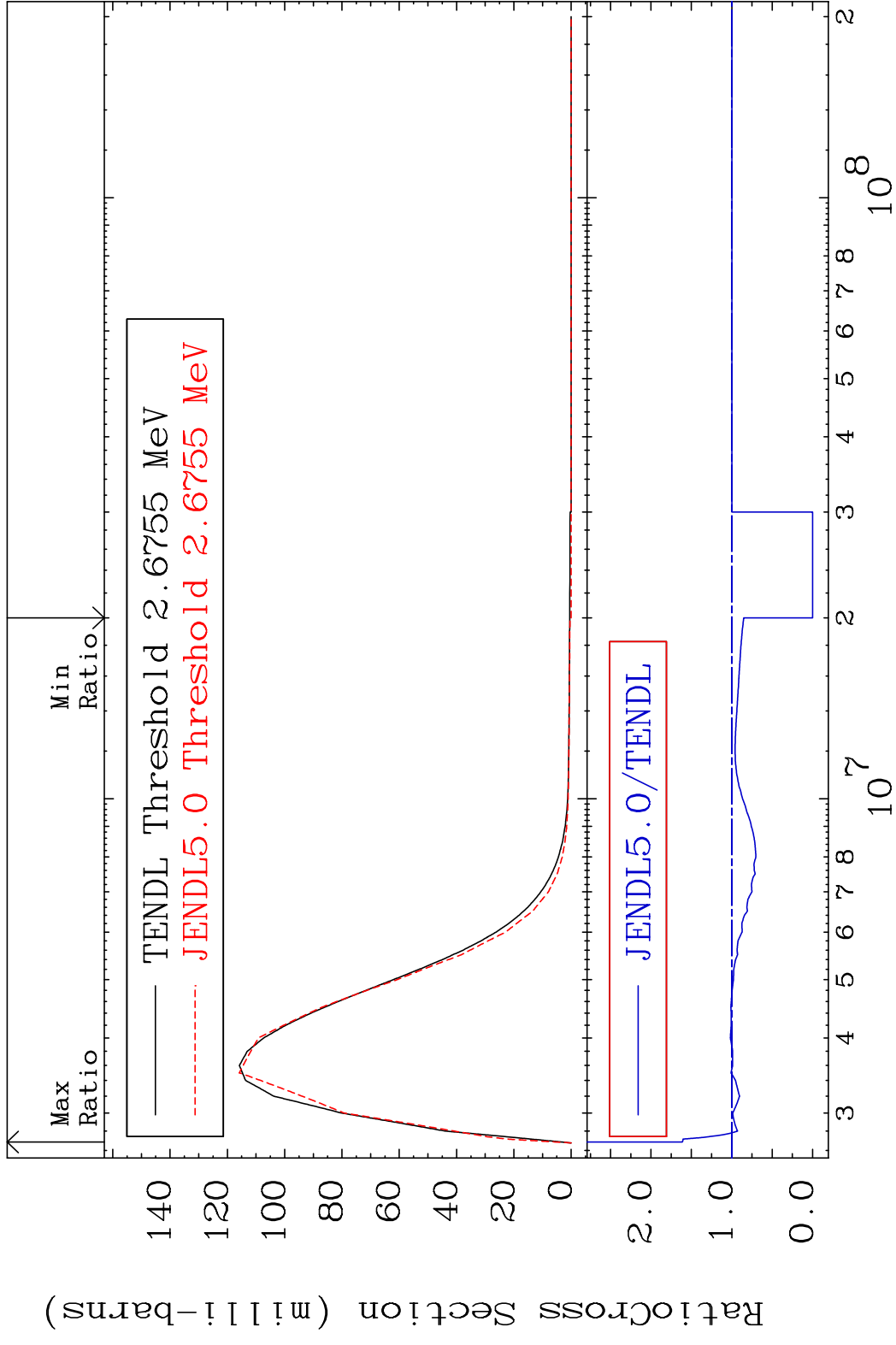
MAT 8234 MT= 54 (n, n') Level 82-Pb-207  
 Cross Section -100.0 To 1121. %



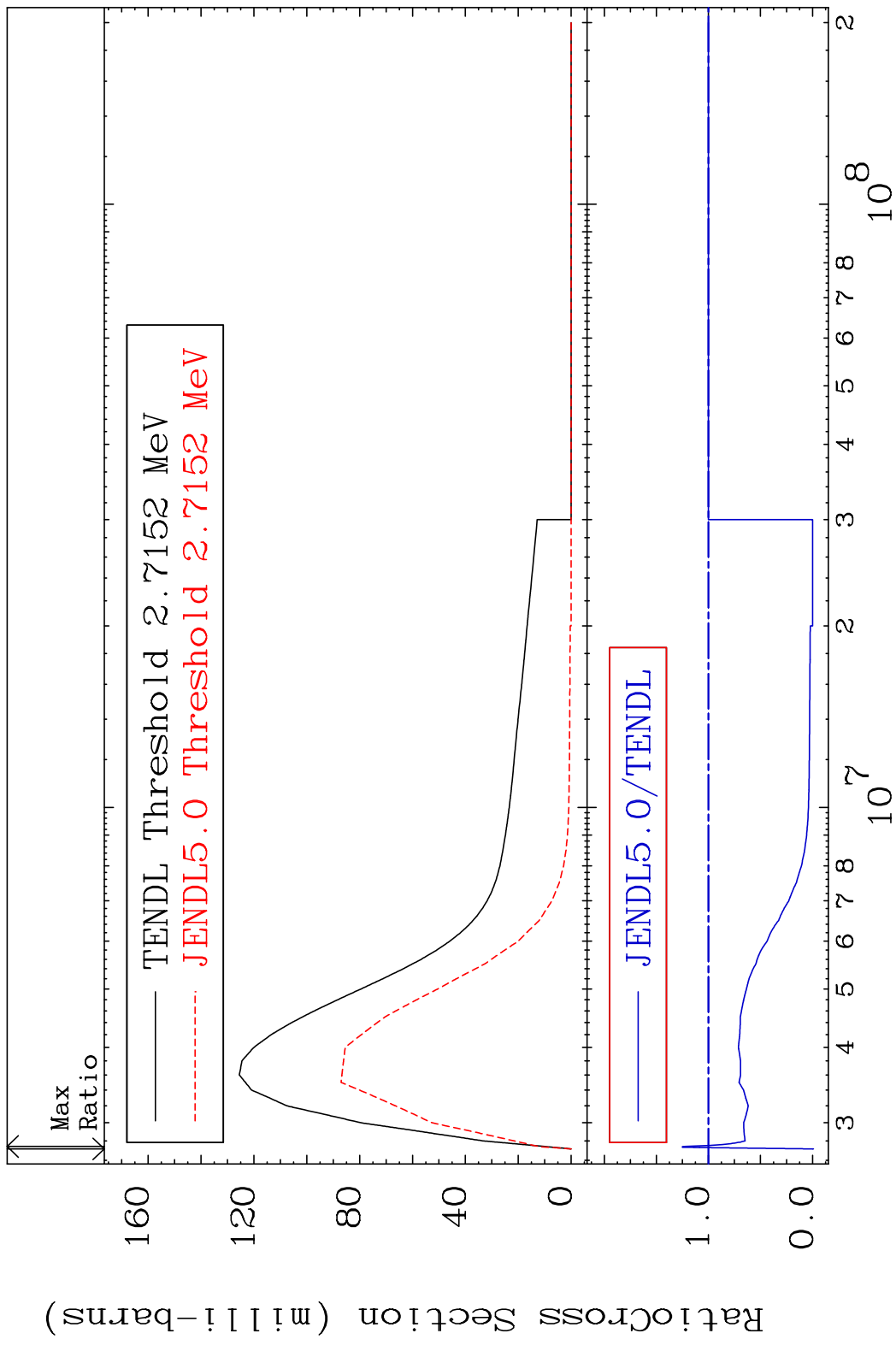
MAT 8234 MT= 55 (n, n') Level 82-Pb-207  
 Cross Section -100.0 To 500.1 %



MAT 8234 MT= 56 (n,n') Level 82-Pb-207  
 Cross Section -100.0 To 61.16 %



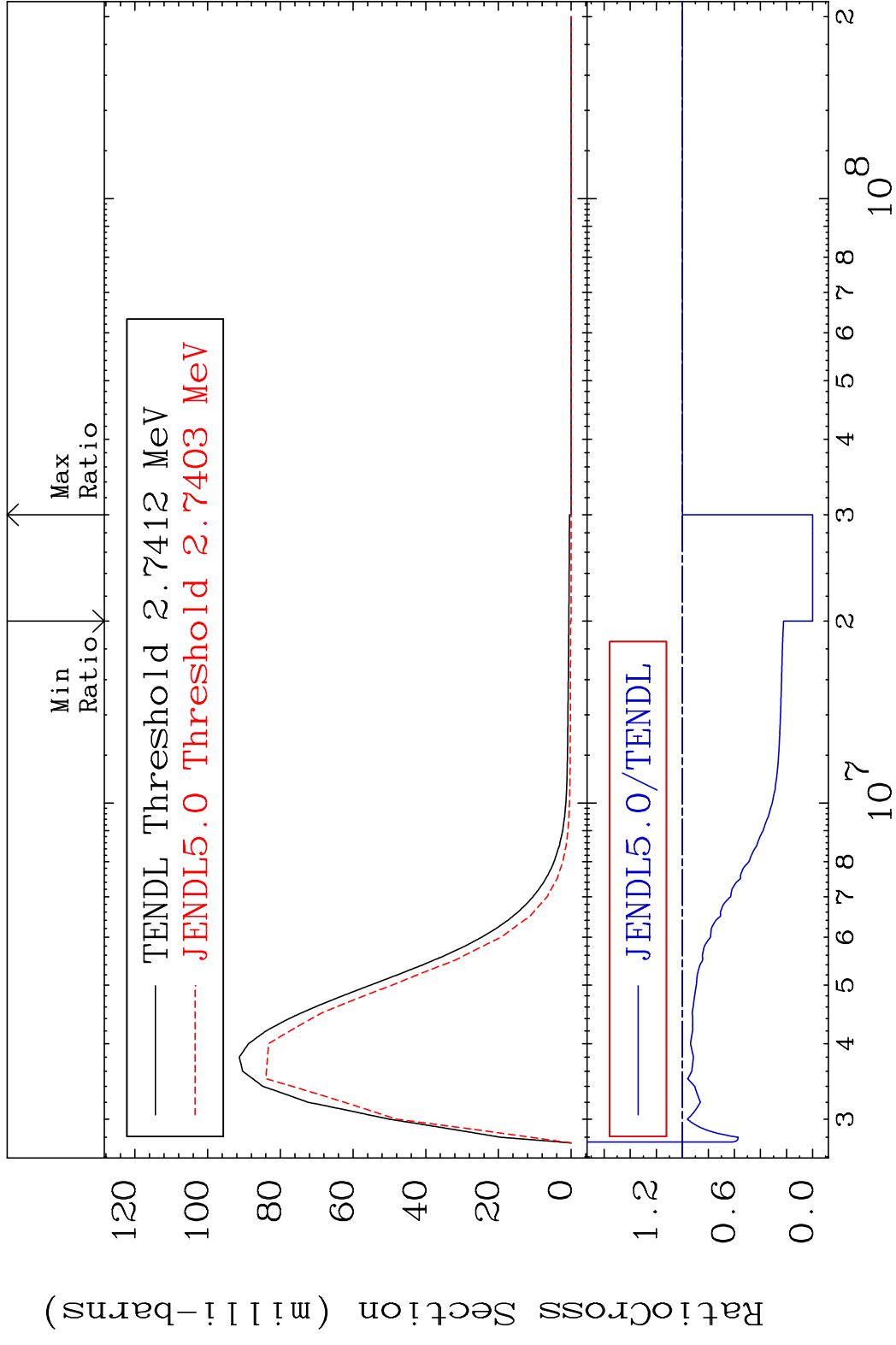
MAT 8234 MT= 57 (n, n') Level 82-Pb-207  
 Cross Section -100.0 To 25.04 %



15 82-Pb-207



MAT 8234 MT= 58 (n, n') Level 82-Pb-207  
 Cross Section -100.0 To 0.000 %

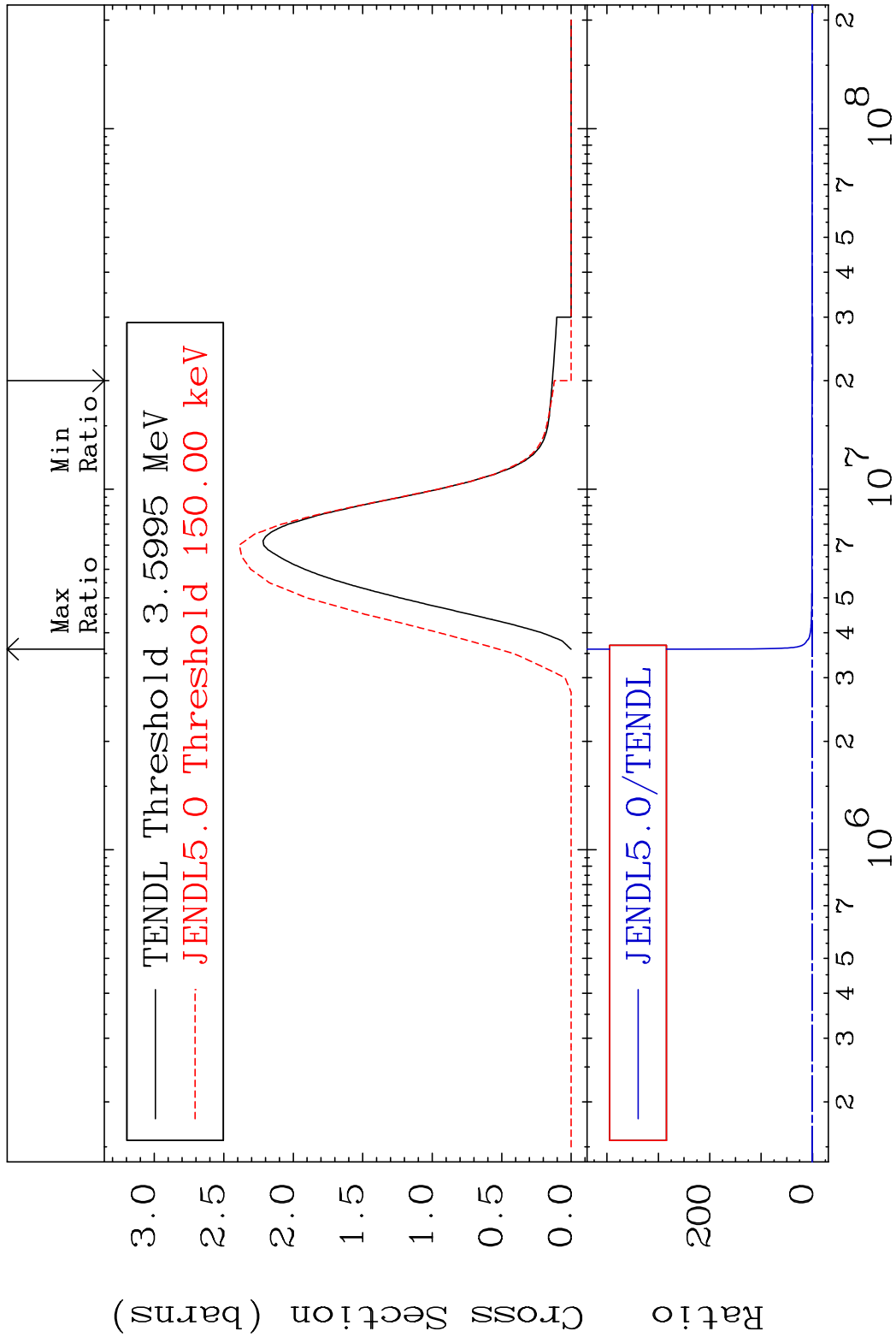


MAT 8234

(n, n') Continuum

82-Pb-207

Cross Section -100.0 To 9999. %

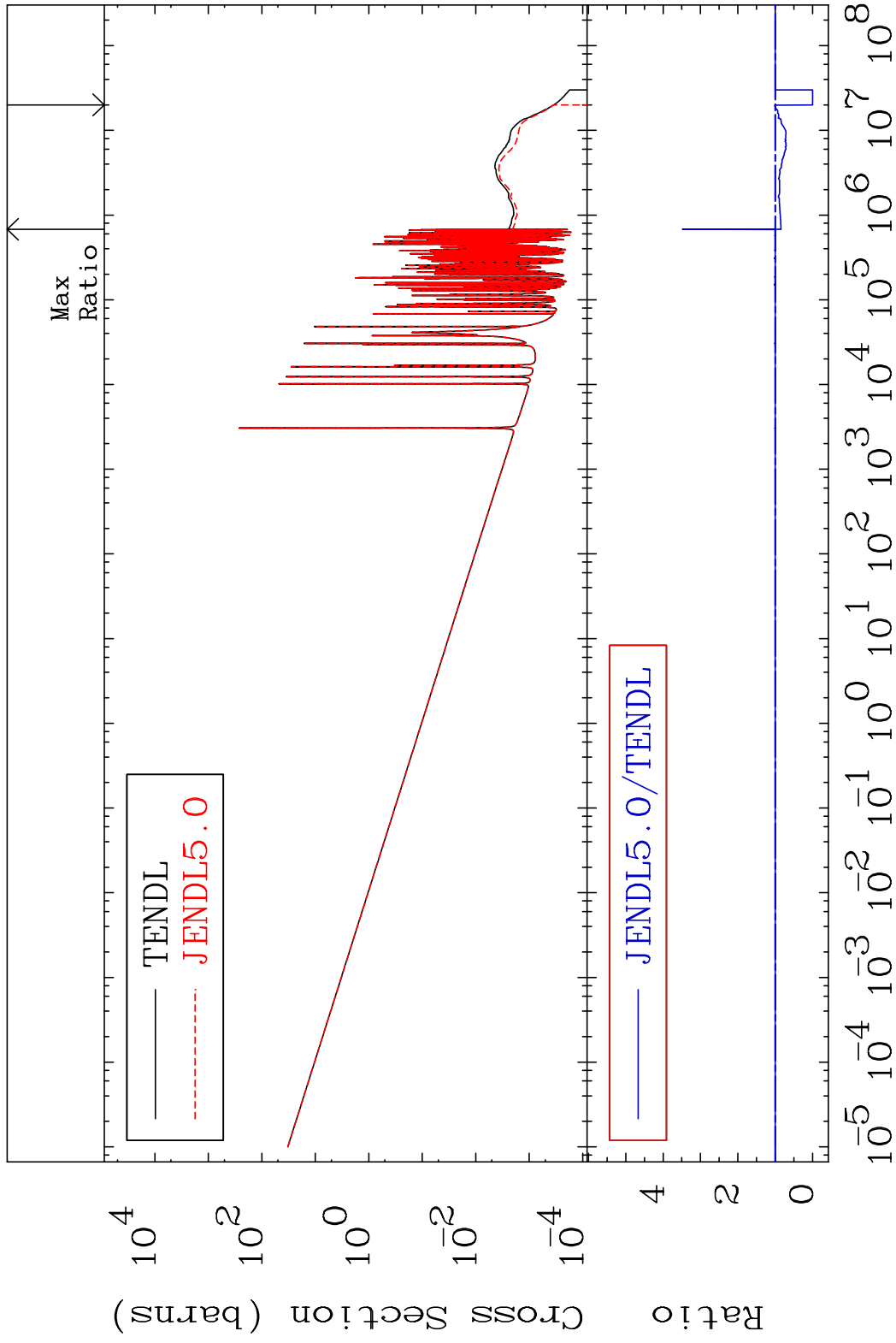


MAT 8234

(n,  $\gamma$ )

82-Pb-207

Cross Section -100.0 To 248.5 %



18

Incident Energy (eV)

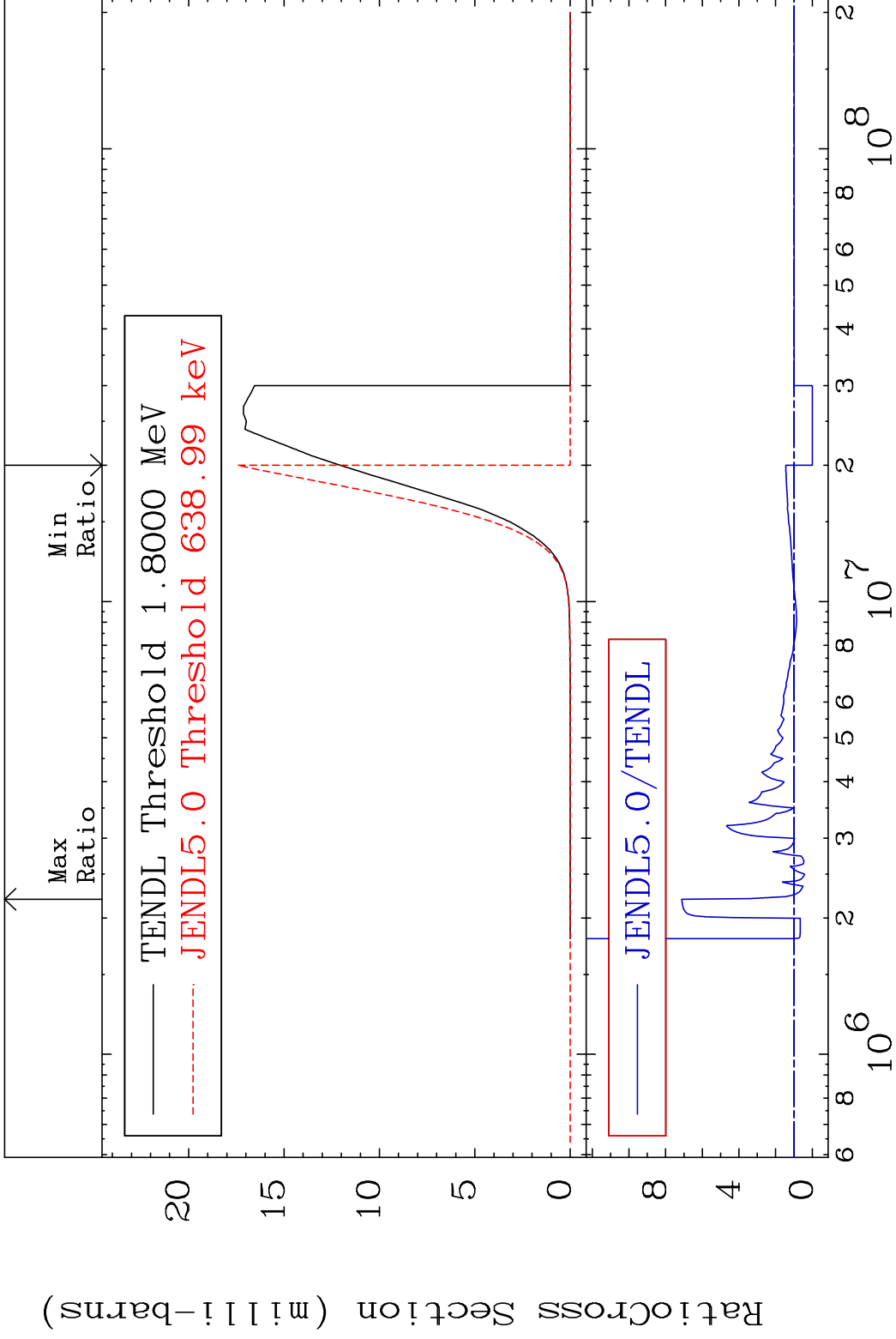
82-Pb-207

MAT 8234

(n, p)

82-Pb-207

Cross Section -100.0 To 612.2 %



19

Incident Energy (eV)

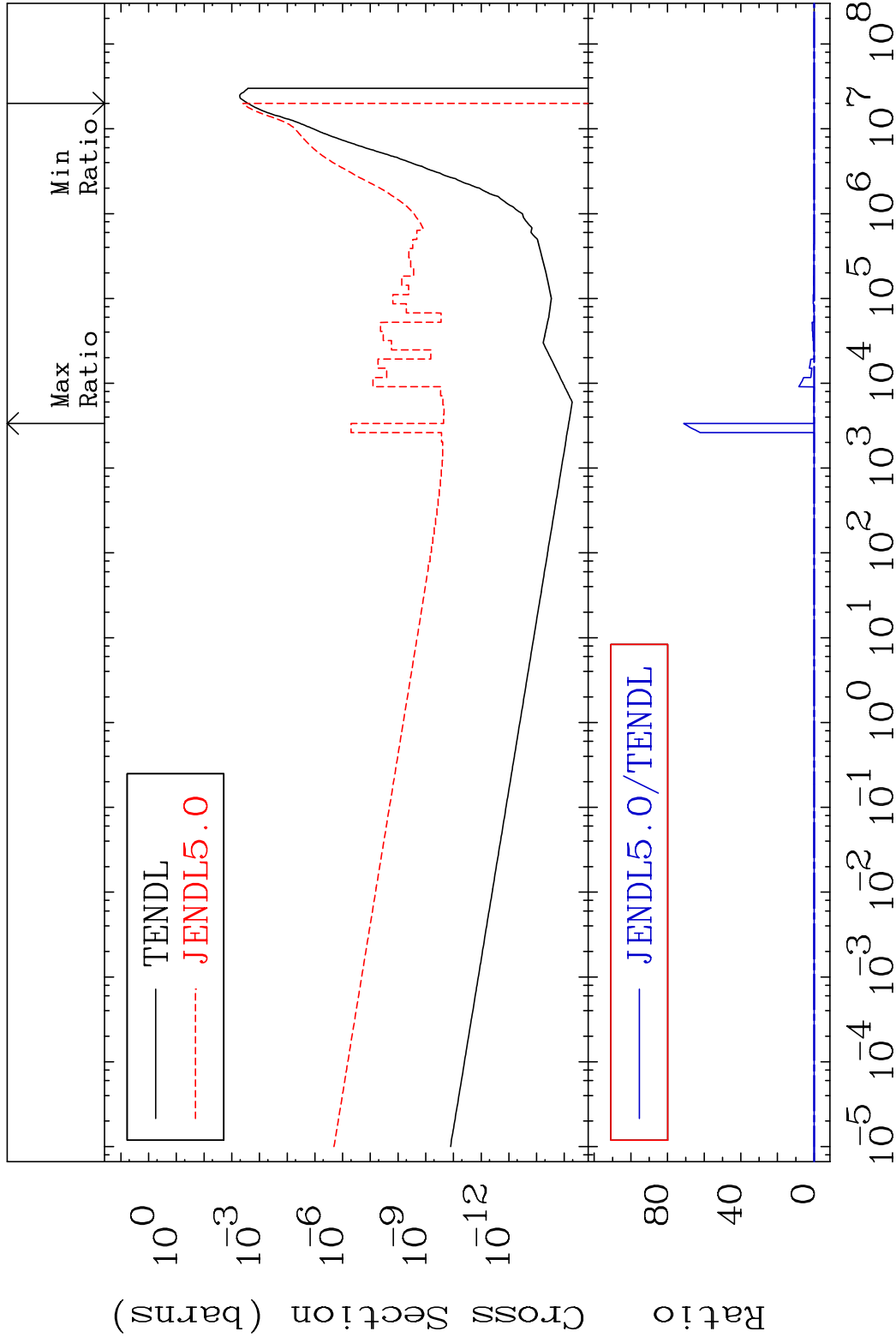
82-Pb-207

MAT 8234

(n,  $\alpha$ )

82-Pb-207

Cross Section -100.0 To 9999. %

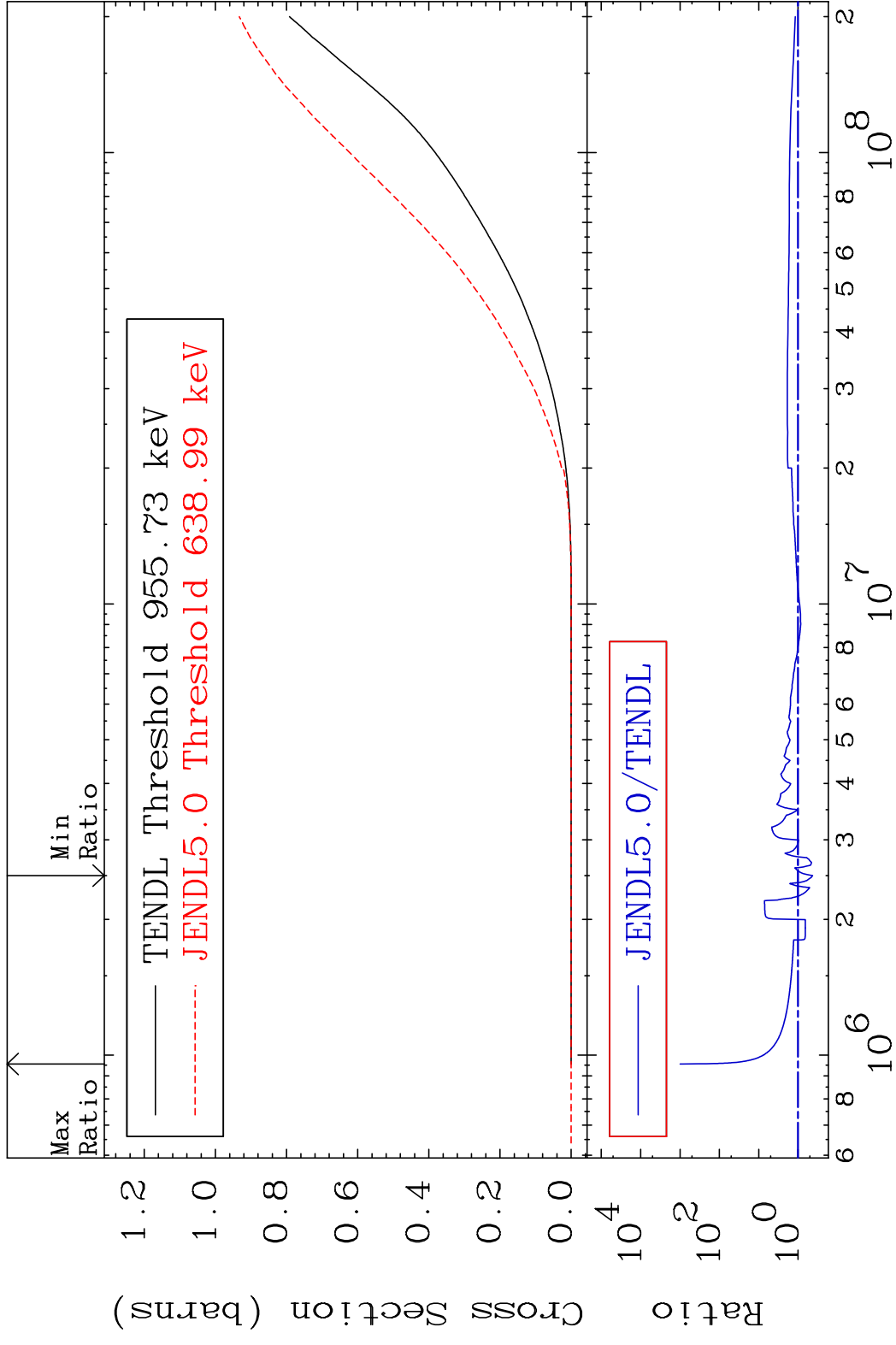


20

Incident Energy (eV)

82-Pb-207

MAT 8234 Hydrogen Production 82-Pb-207  
 Cross Section -57.06 To 9999. %

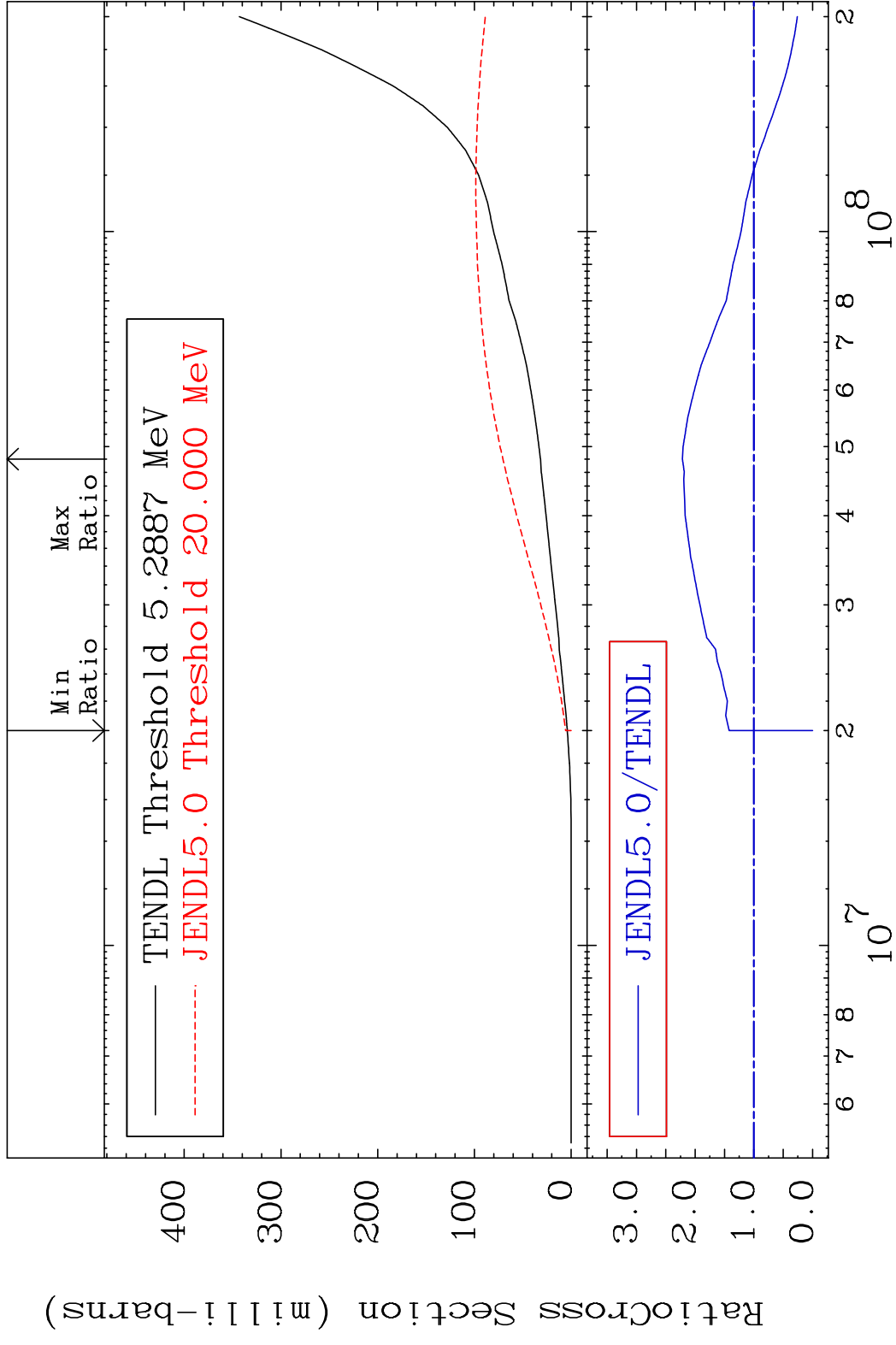


MAT 8234

Deuterium Production

82-Pb-207

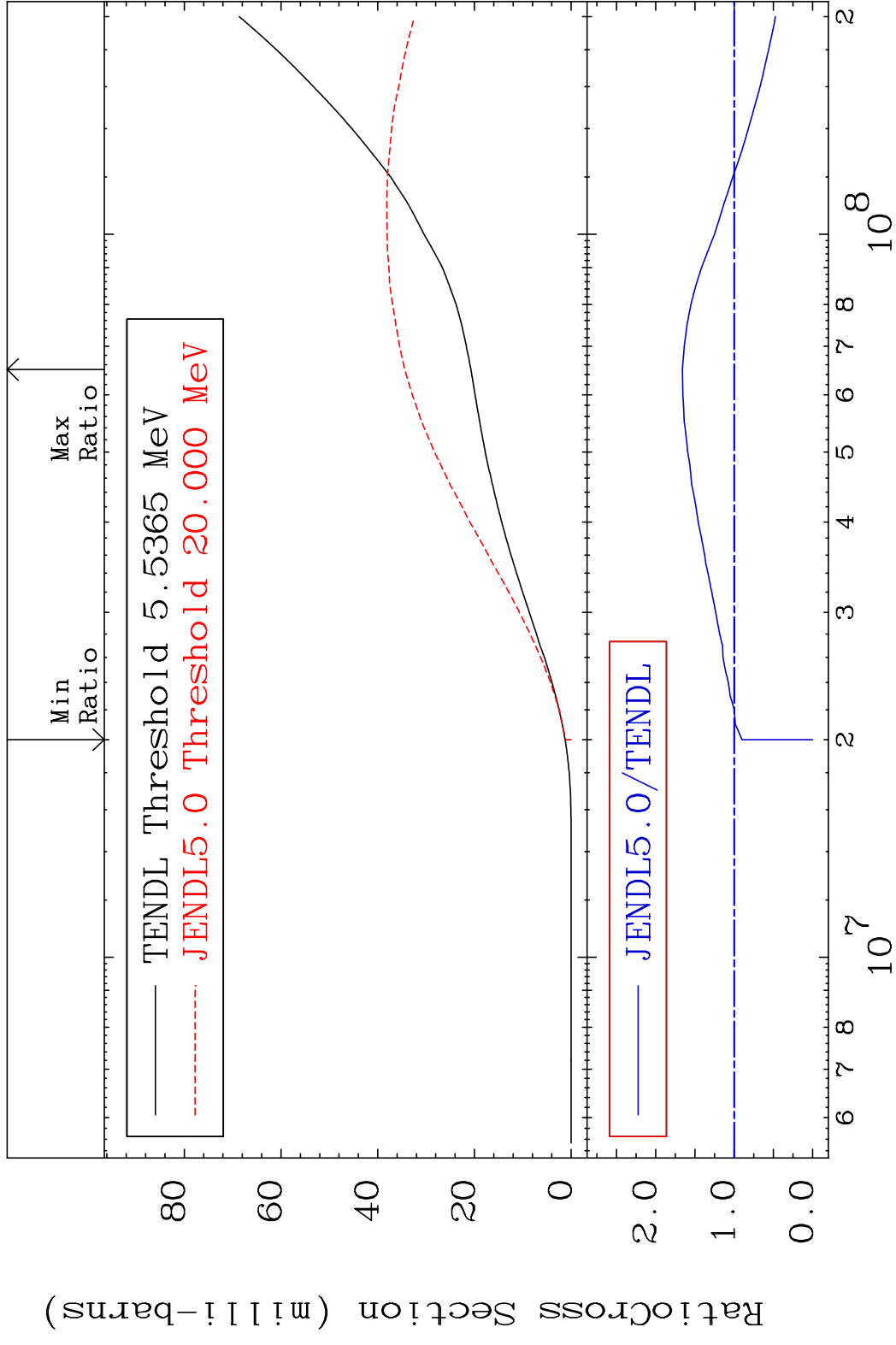
Cross Section -100.0 To 121.9 %



MAT 8234

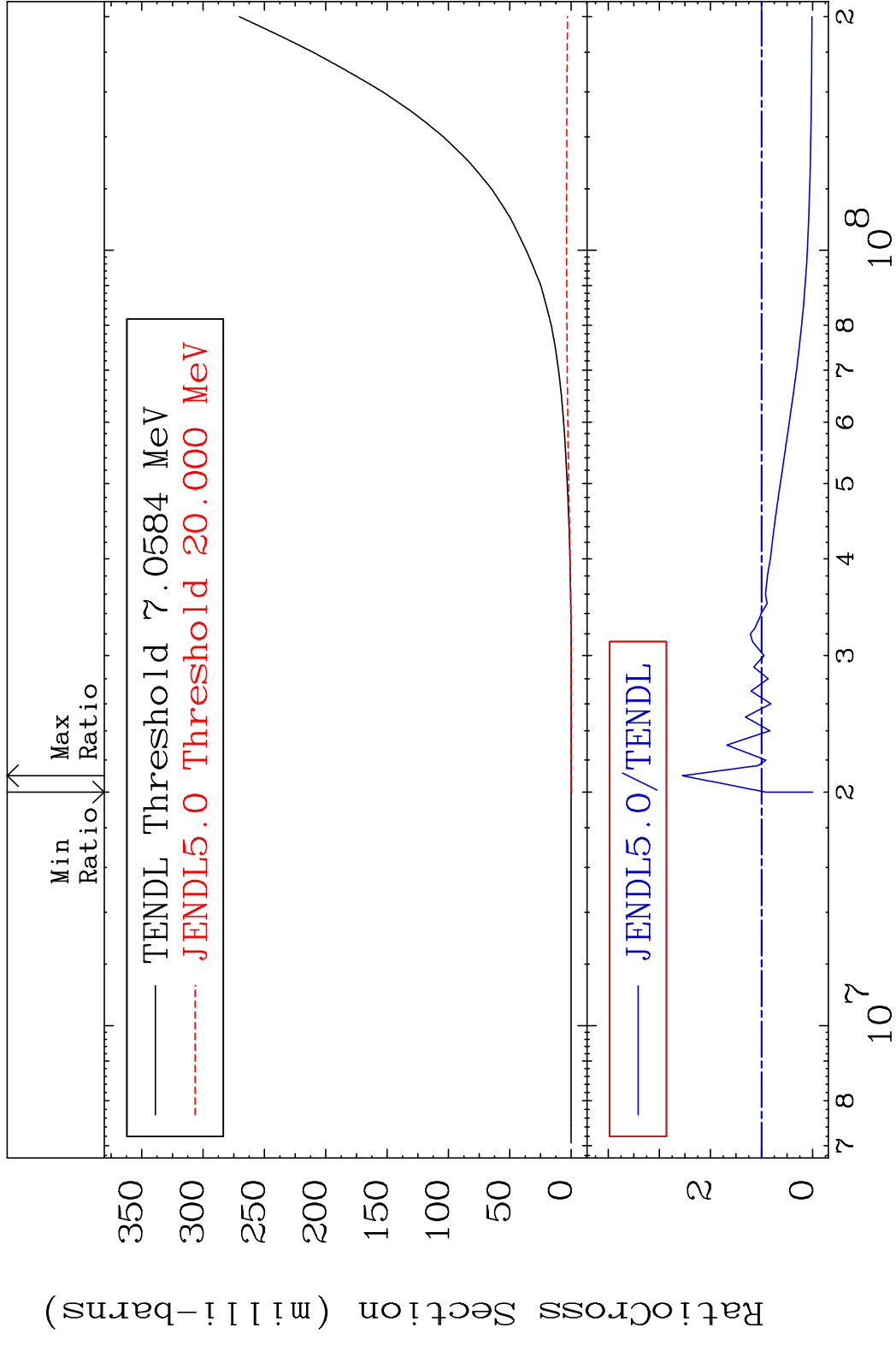
Tritium Production  
Cross Section -100.0 To 66.03 %

82-Pb-207





MAT 8234 He-3 Production 82-Pb-207  
 Cross Section -100.0 To 154.9 %



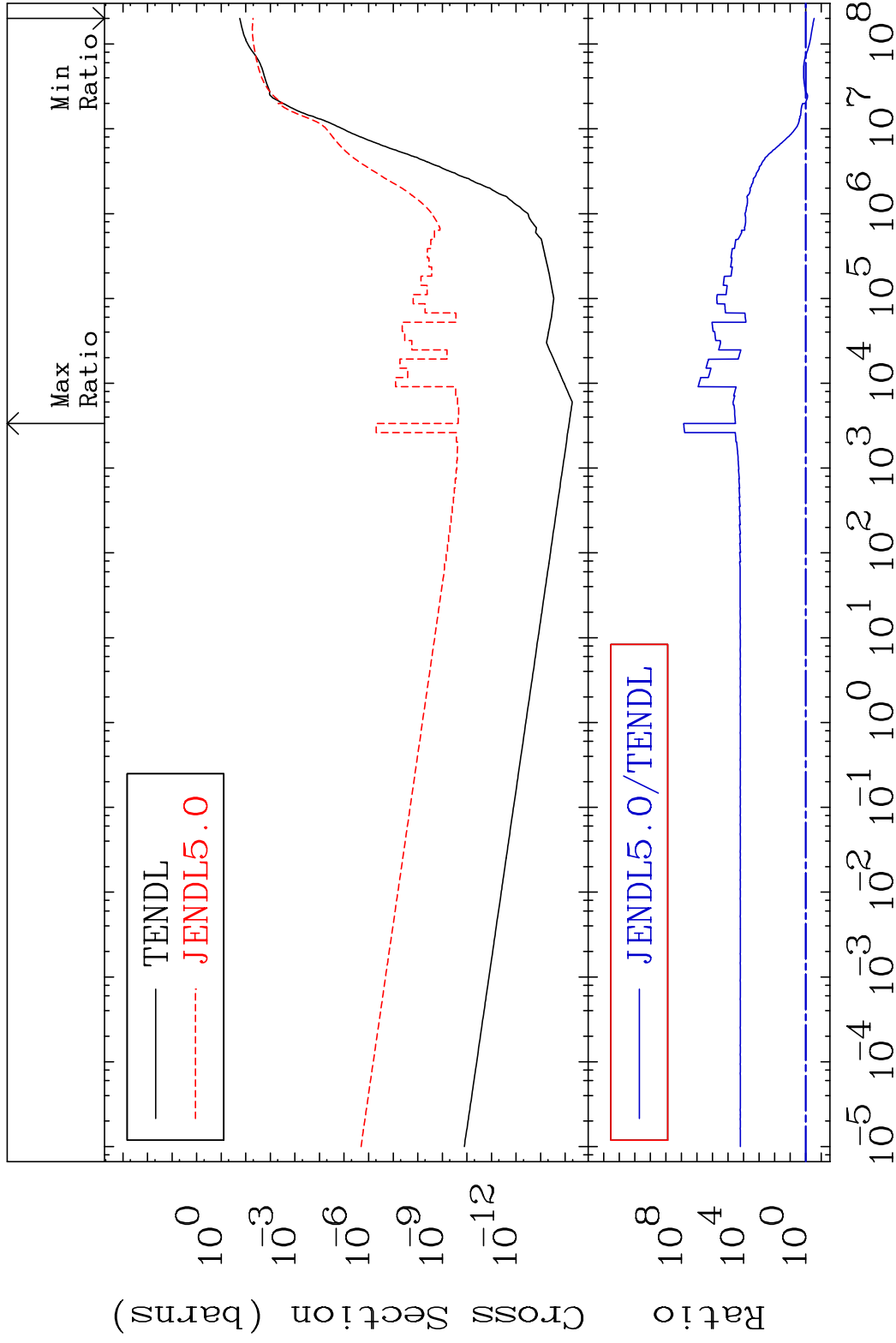
24 Incident Energy (eV) 82-Pb-207

MAT 8234

He-4 Production

82-Pb-207

Cross Section -71.37 To 9999. %

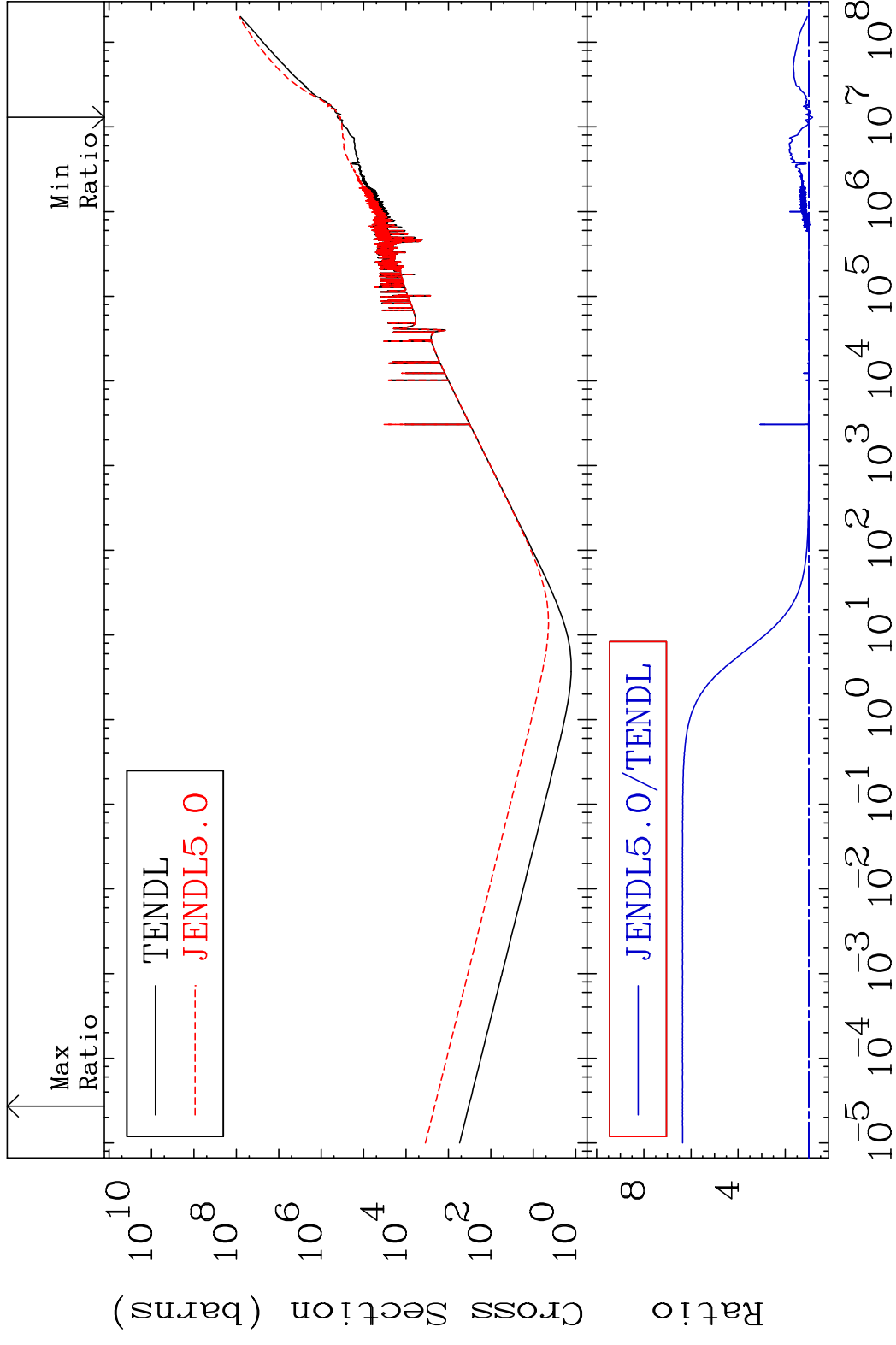


25

Incident Energy (eV)

82-Pb-207

MAT 8234 Kerma total (eV-barns) 82-Pb-207  
 Cross Section -16.01 To 536.6 %



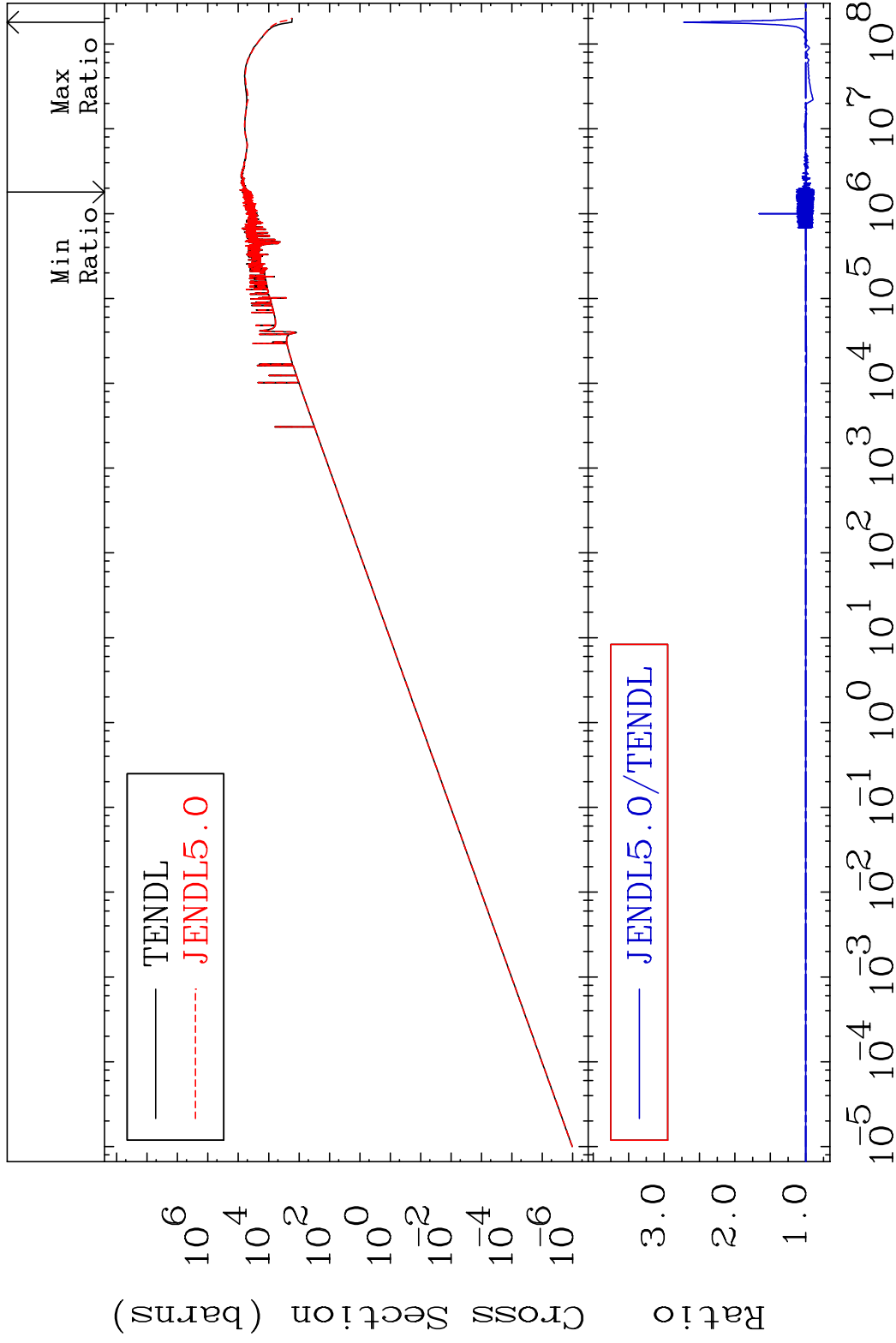
26 82-Pb-207

MAT 8234

Kerma elastic

82-Pb-207

Cross Section -11.79 To 172.3 %

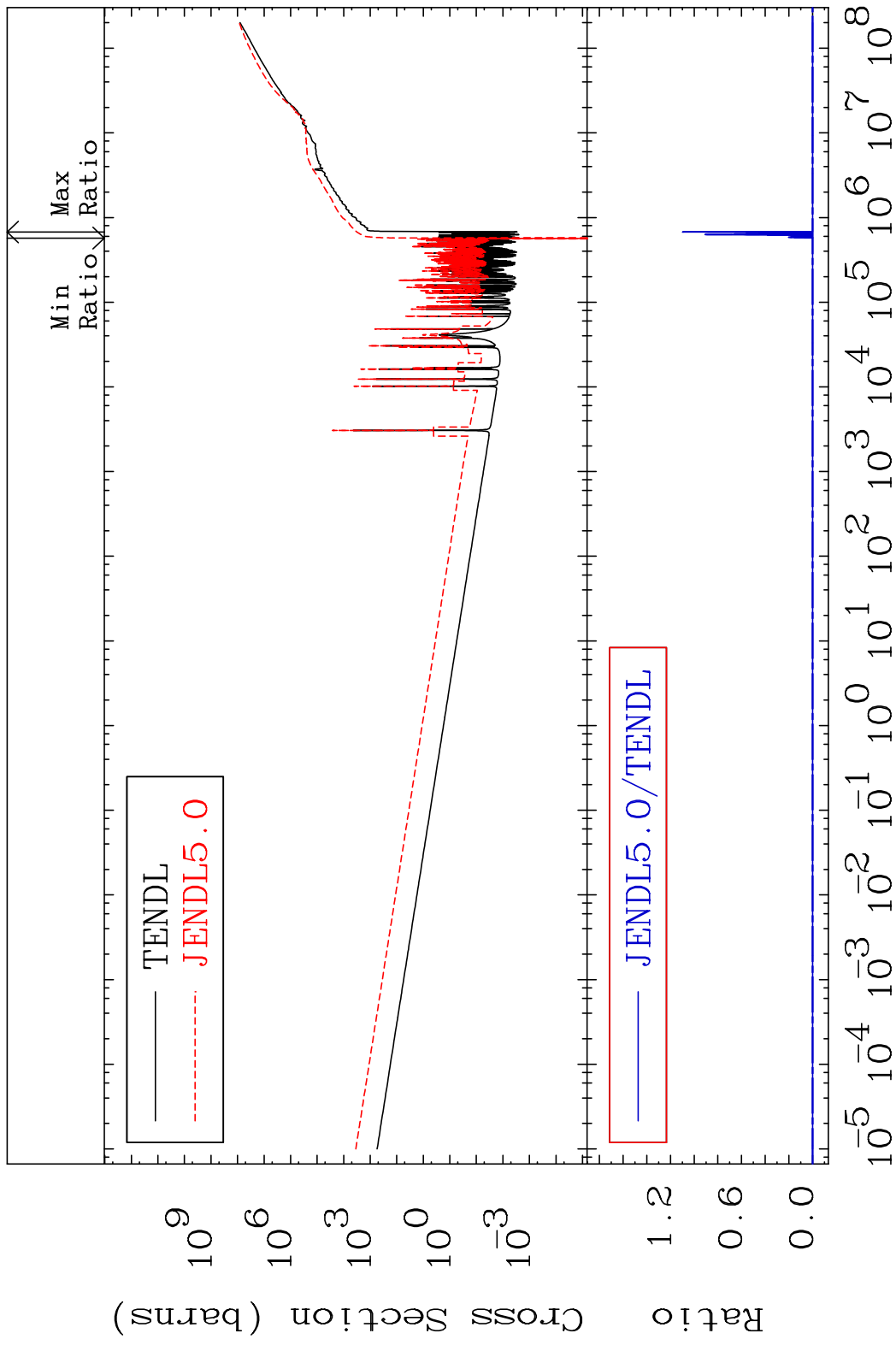


27

Incident Energy (eV)

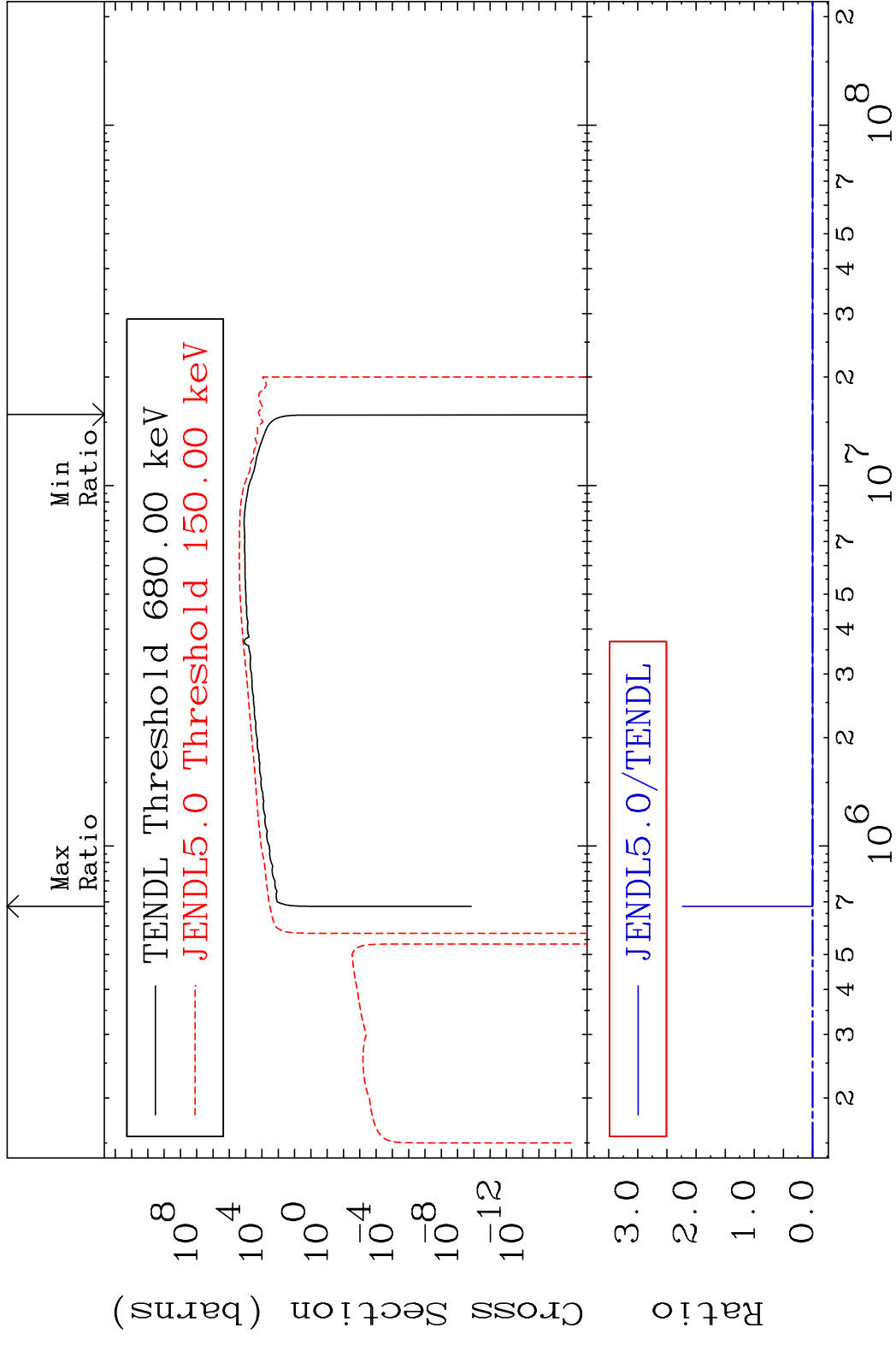
82-Pb-207

MAT 8234 Kerma non-elastic (all but mt2) 82-Pb-207  
 Cross Section -1363. To 9999. %

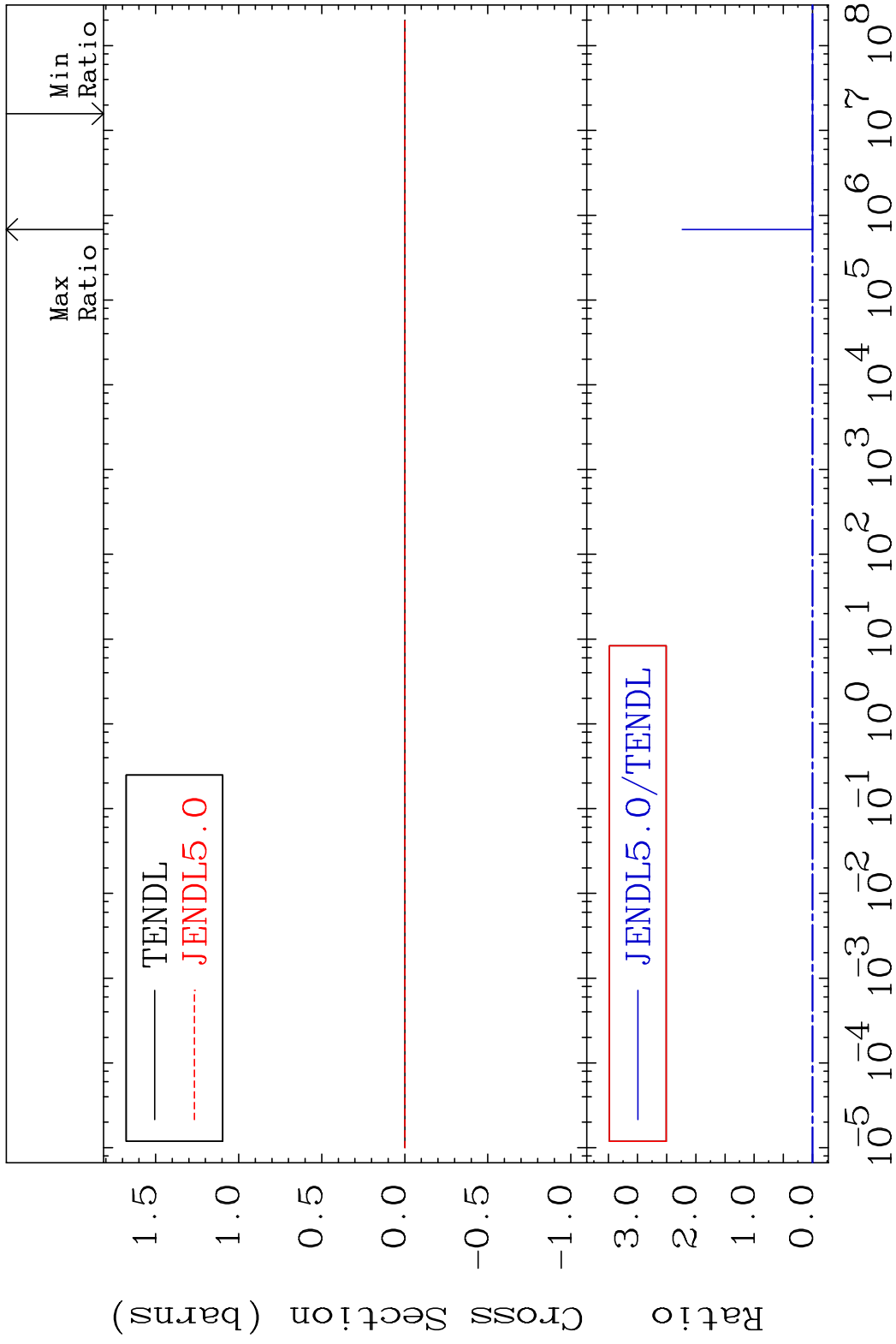


28 Incident Energy (eV) 82-Pb-207

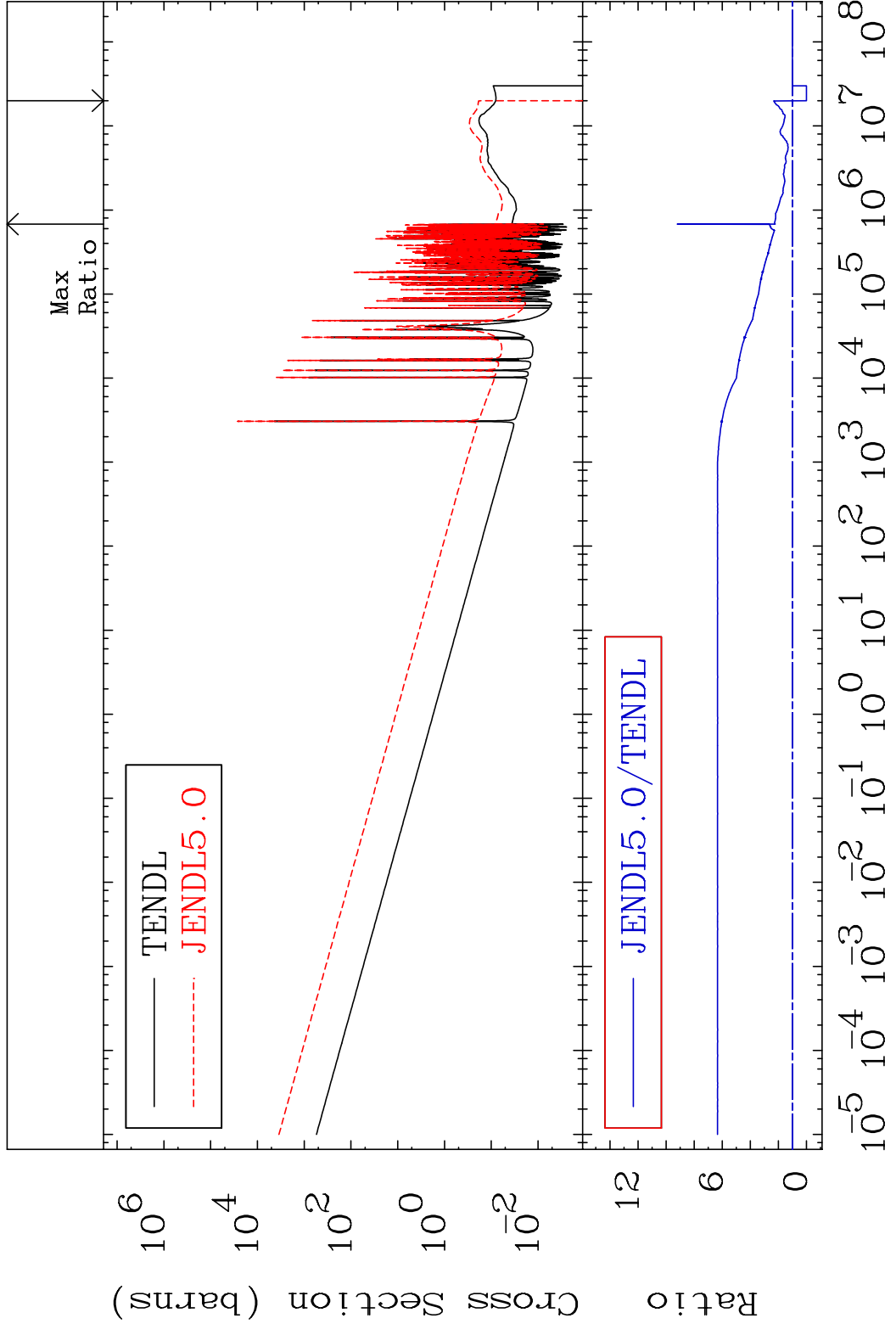
MAT 8234 Kerma inelastic (mt51-91) 82-Pb-207  
 Cross Section -8999. To 9999. %



MAT 8234 Kerma fission (mt18 or mt19-20-21-38) $\beta$ 2-Pb-207  
 Cross Section -8999. To 9999. %

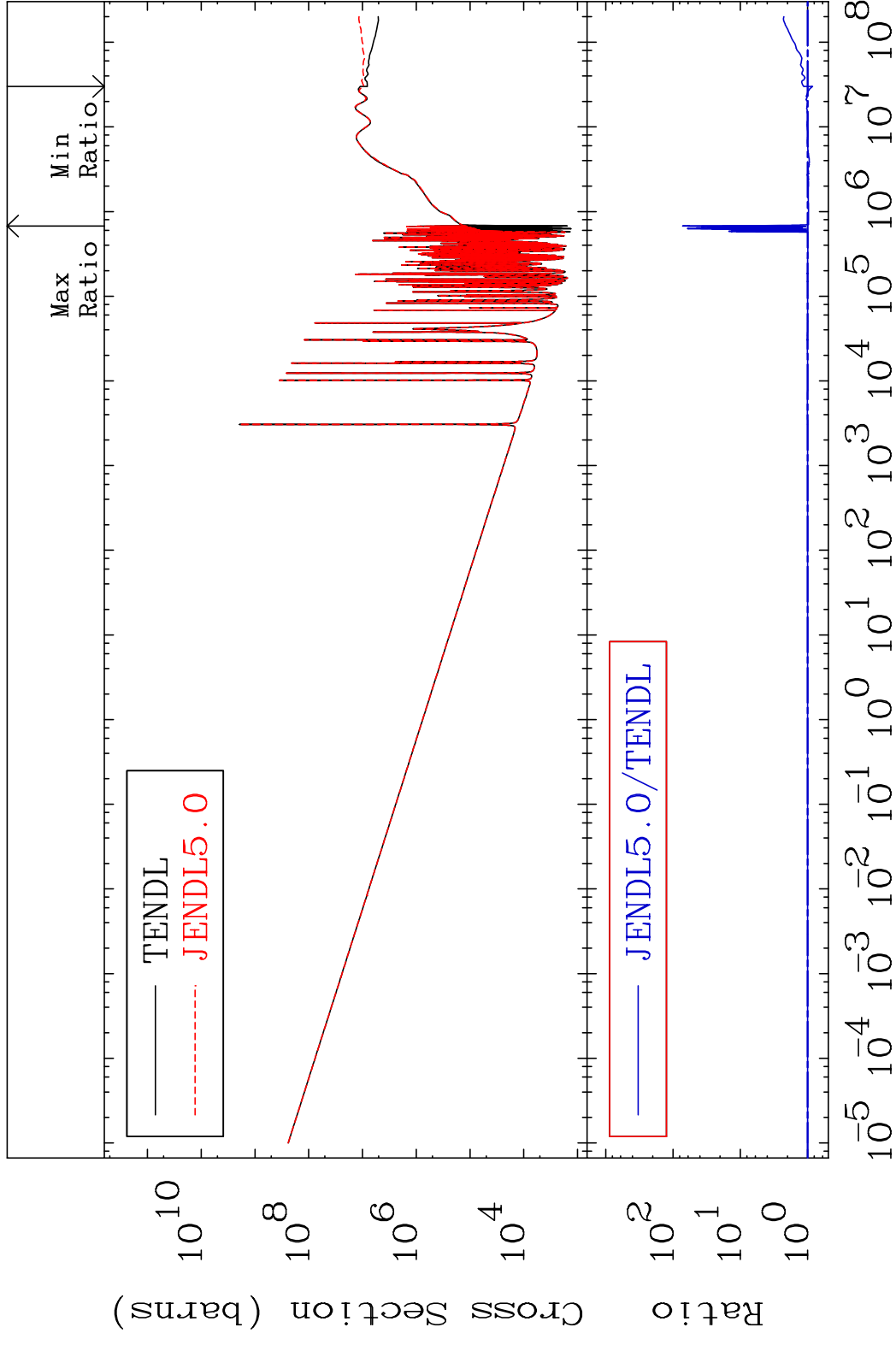


MAT 8234 Kerma capture (mt102) 82-Pb-207  
 Cross Section -100.0 To 820.6 %

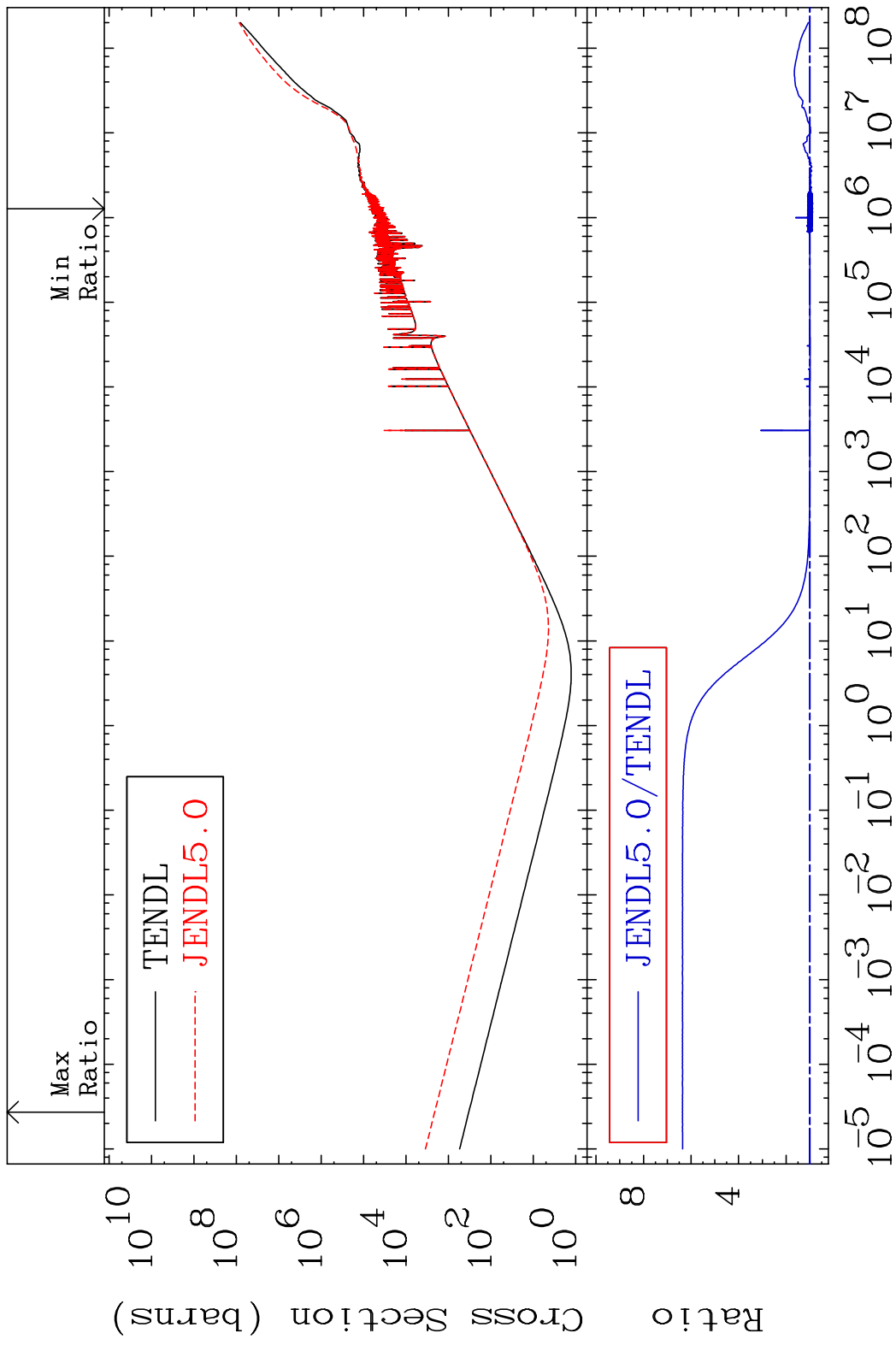




MAT 8234 Total photon (eV-barns) 82-Pb-207  
 Cross Section -15.40 To 7178. %



MAT 8234 Total kinematic kerma (high limit) 82-Pb-207  
 Cross Section -11.27 To 536.6 %

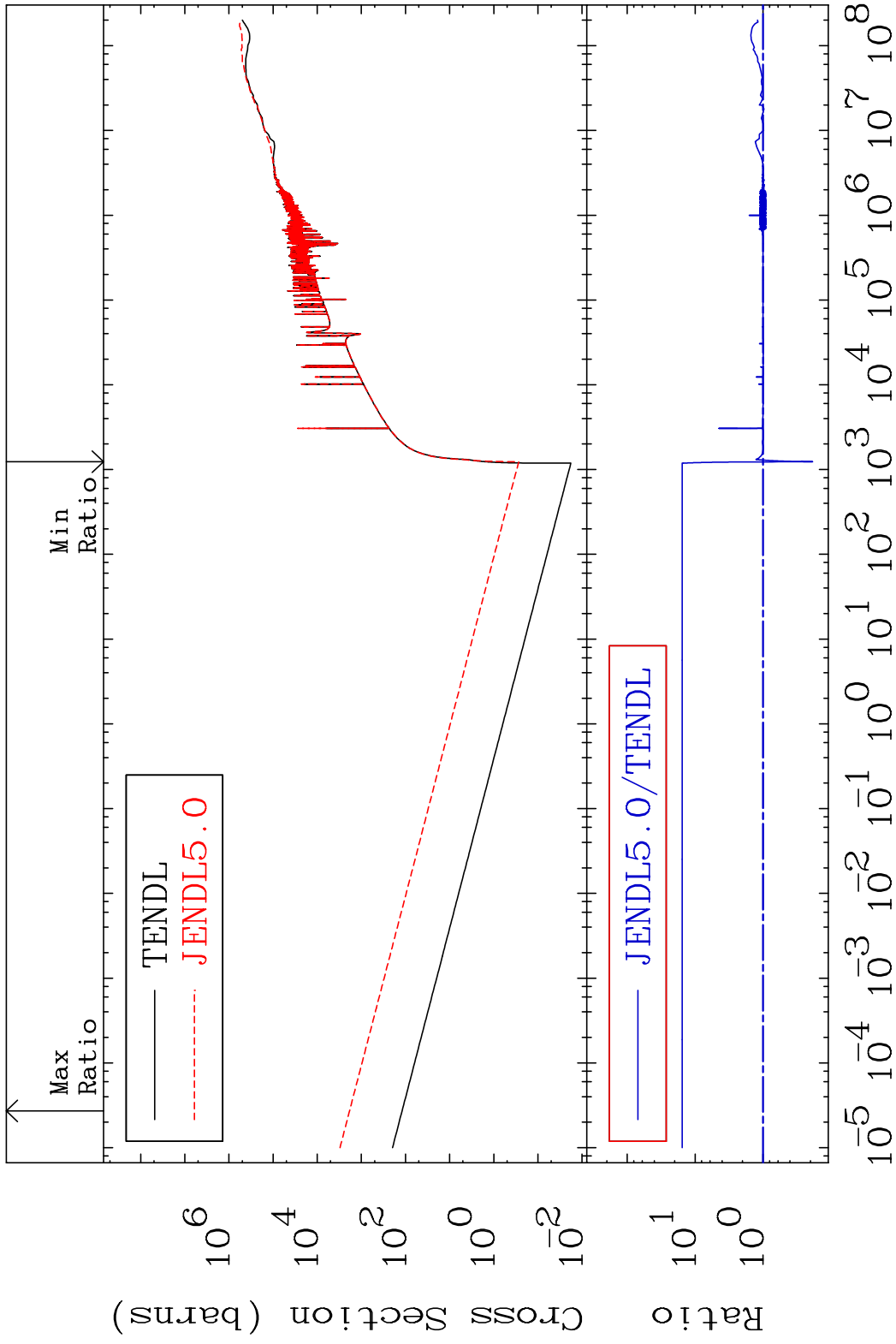


MAT 8234

Dpa total (eV-barns)

82-Pb-207

Cross Section -81.39 To 1452. %



34

Incident Energy (eV)

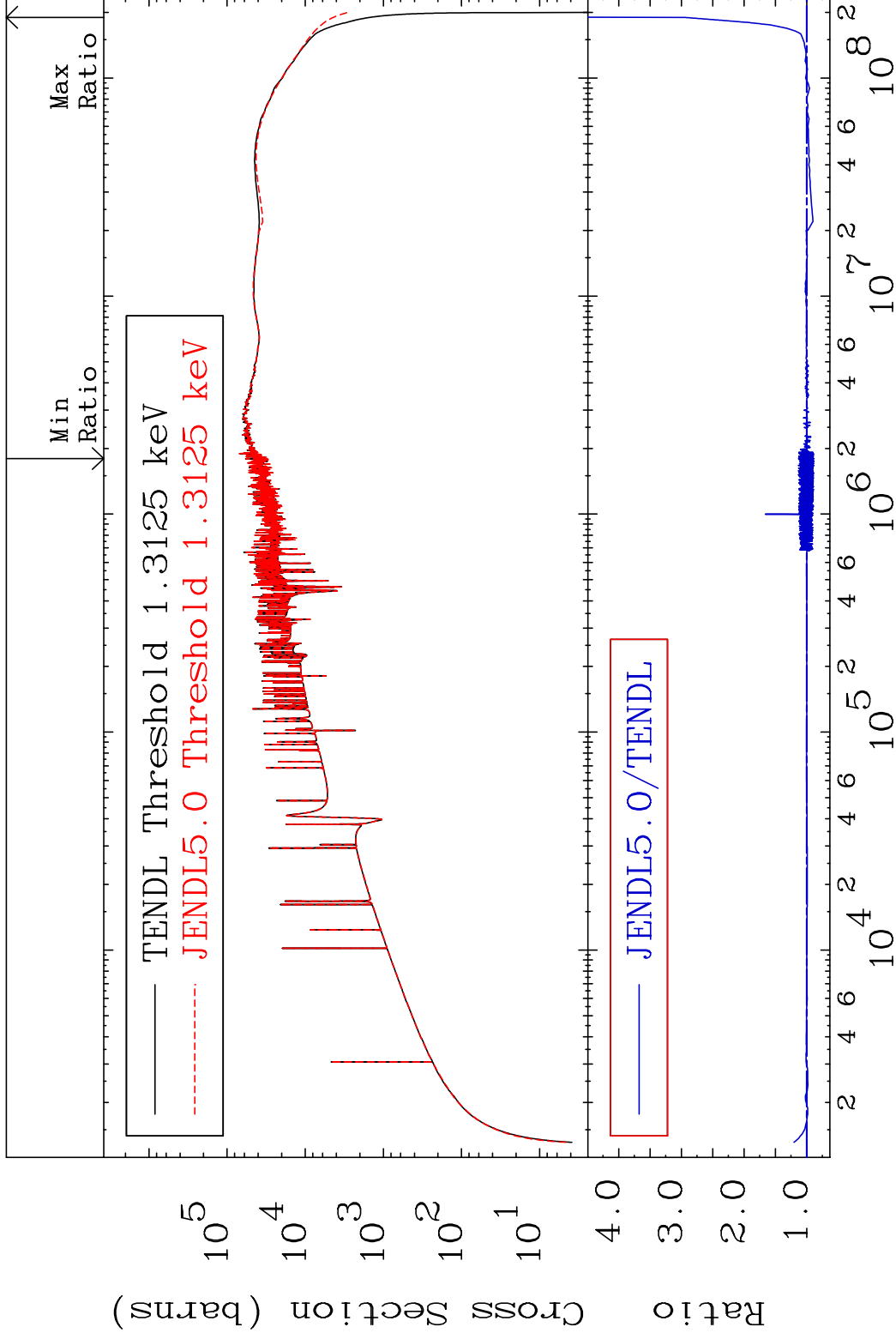
82-Pb-207

MAT 8234

Dpa elastic (mt2)

82-Pb-207

Cross Section -11.78 To 196.6 %

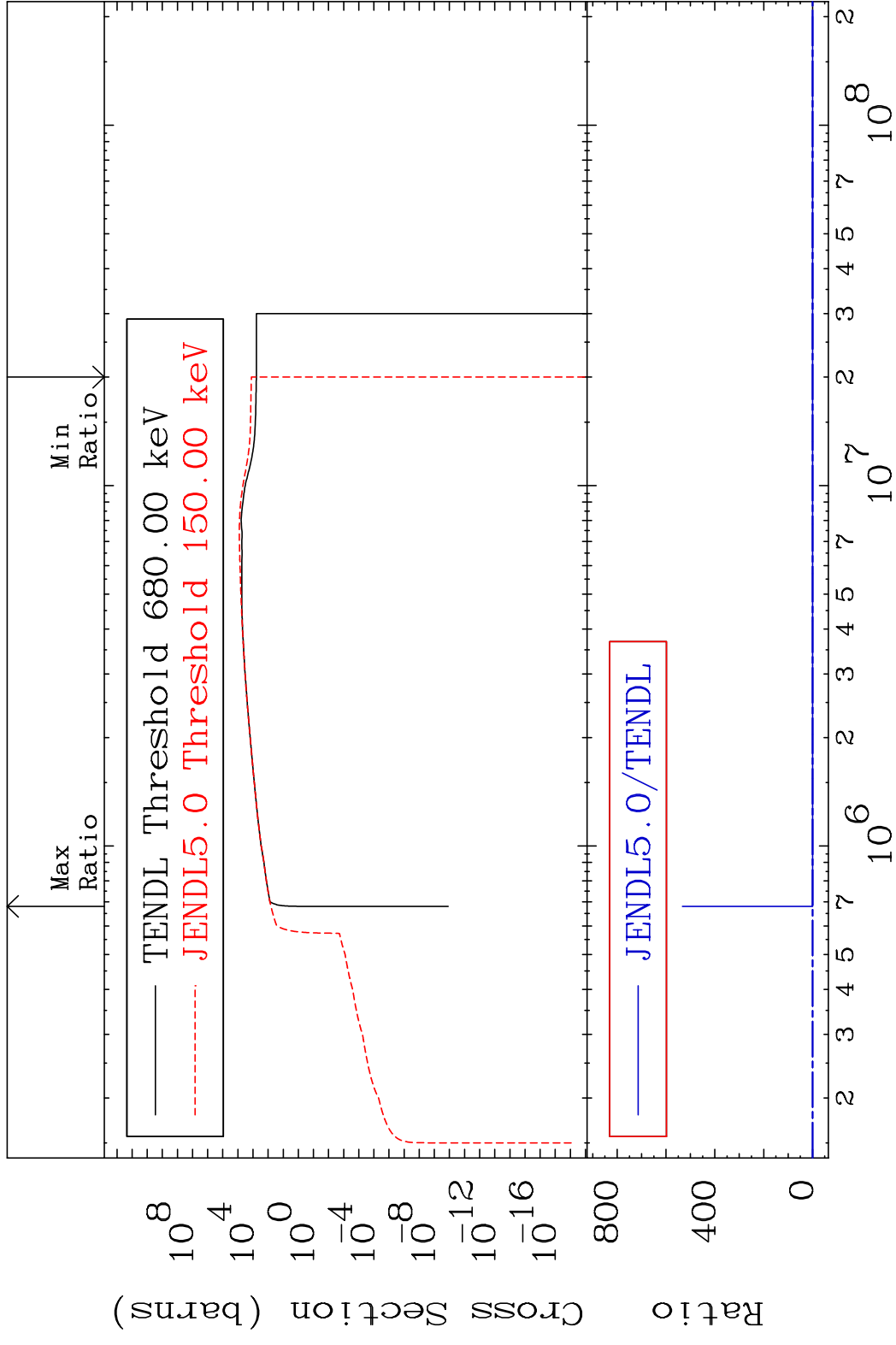


35

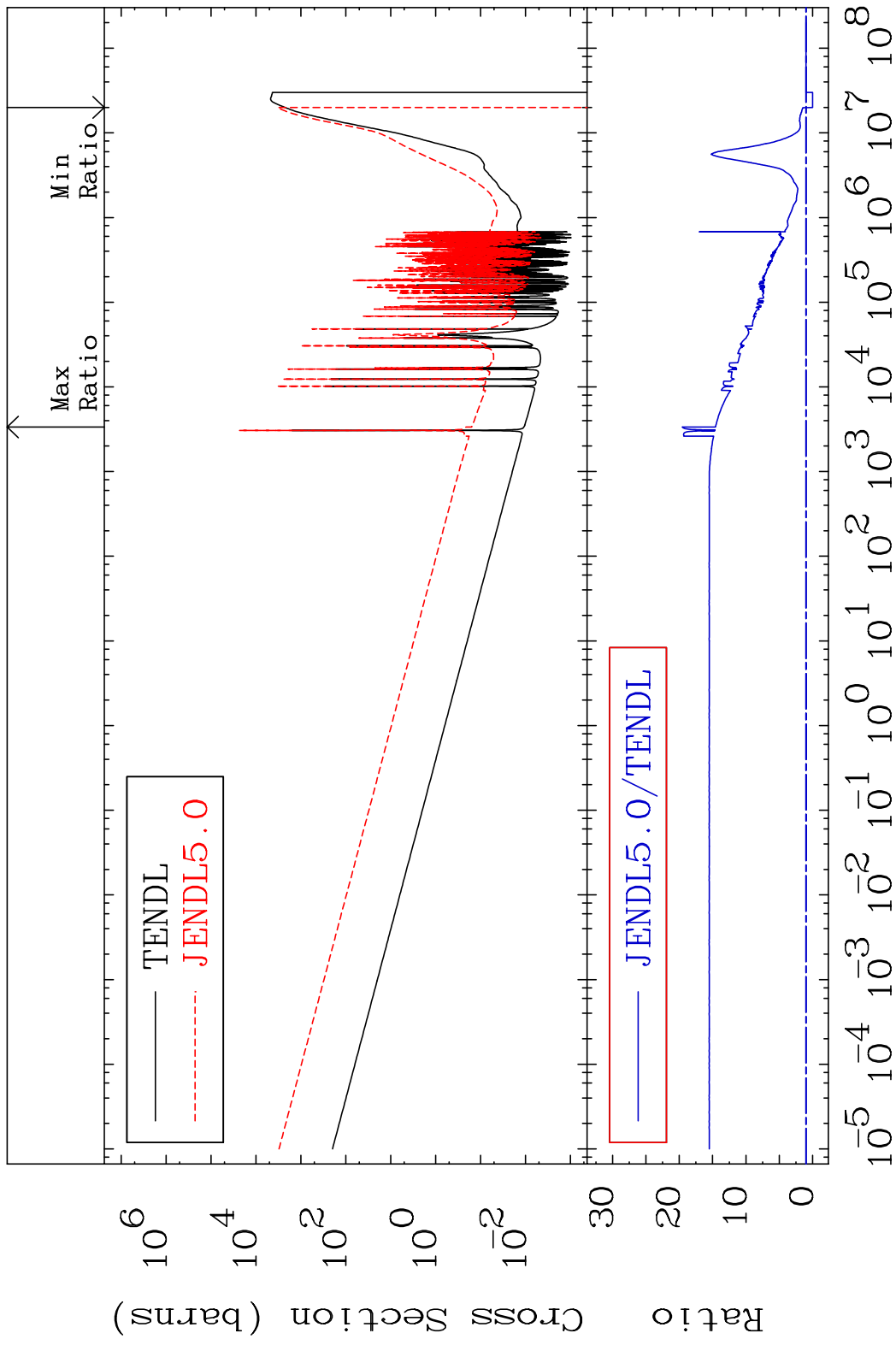
Incident Energy (eV)

82-Pb-207

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



MAT 8234 Dpa disappearance (mt102 -120) 82-Pb-207  
 Cross Section -100.0 To 1854. %



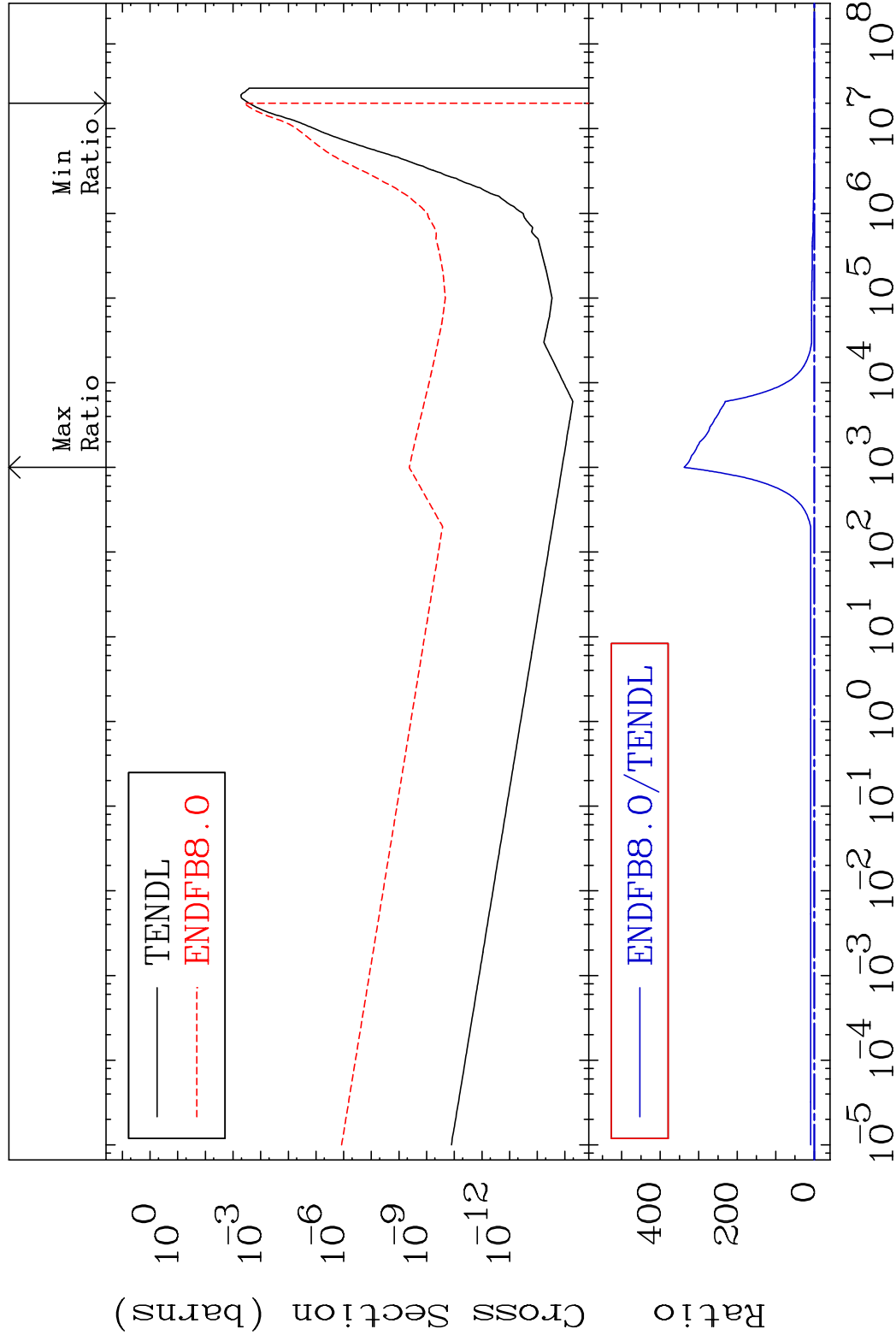
37 Incident Energy (eV) 82-Pb-207

MAT 8234

(n,  $\alpha$ )

82-Pb-207

Cross Section -100.0 To 9999. %



38

Incident Energy (eV)

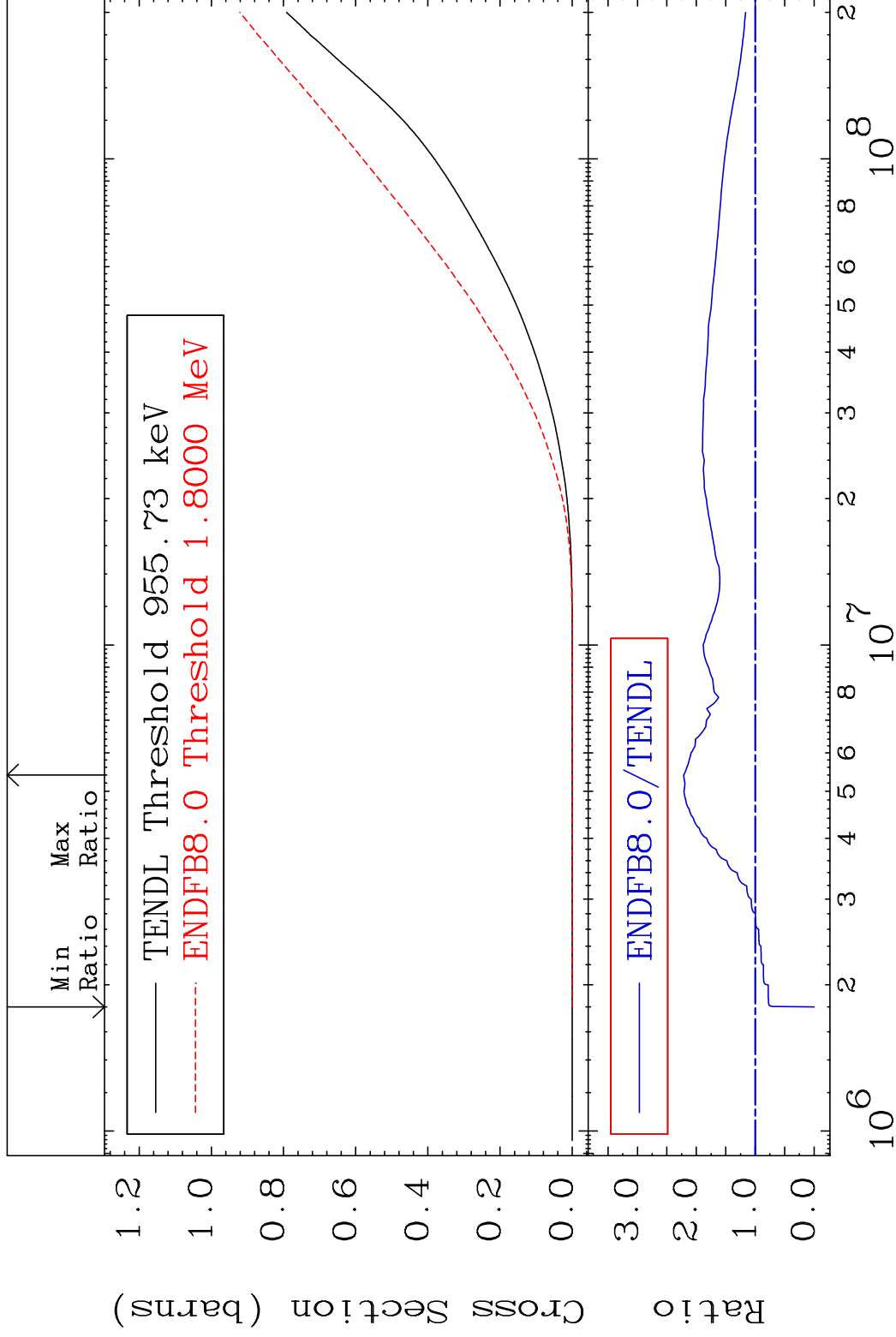
82-Pb-207

MAT 8234

Hydrogen Production

82-Pb-207

Cross Section -100.0 To 121.5 %



39

Incident Energy (eV)

82-Pb-207

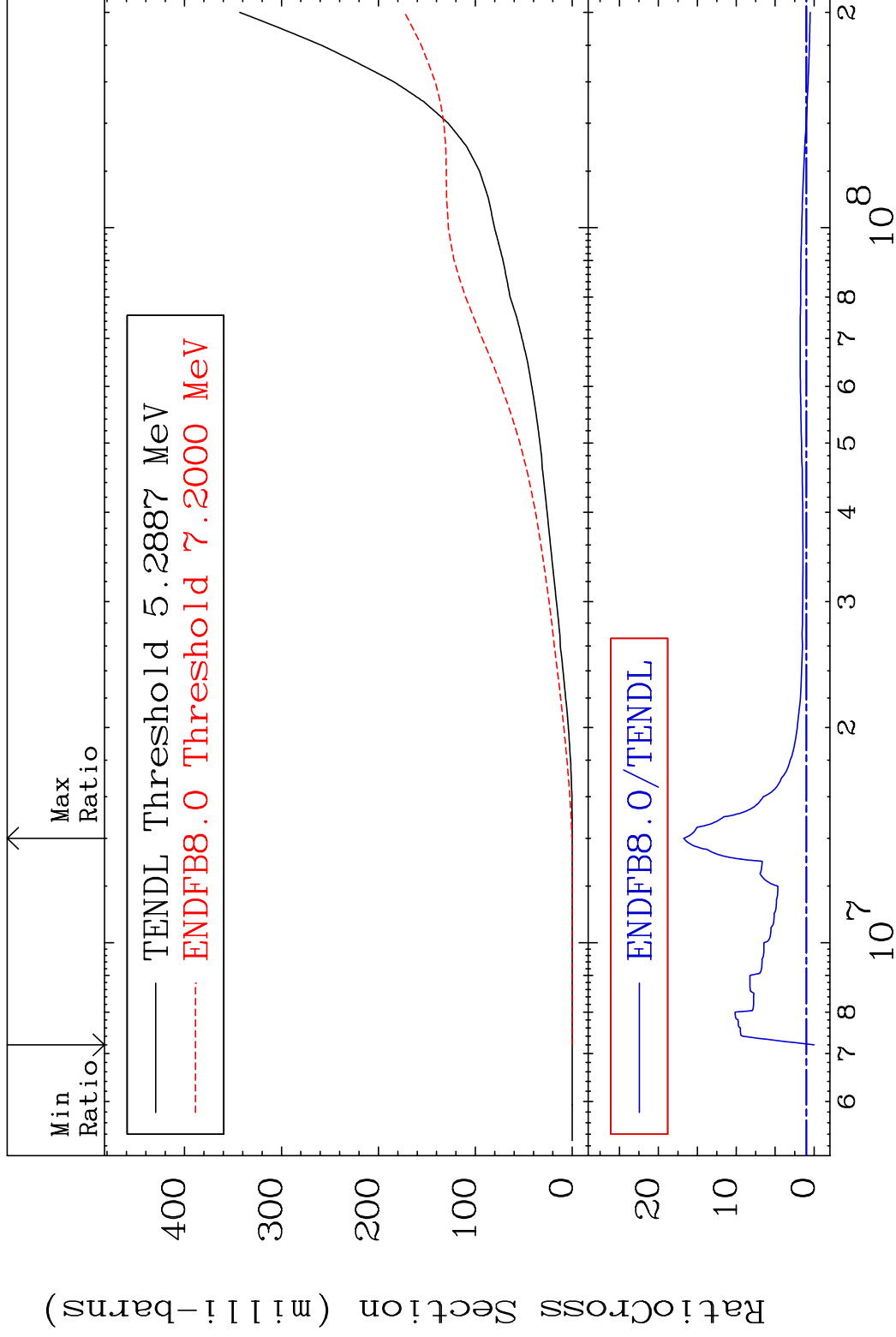


MAT 8234

Deuterium Production

82-Pb-207

Cross Section -100.0 To 1576. %



40

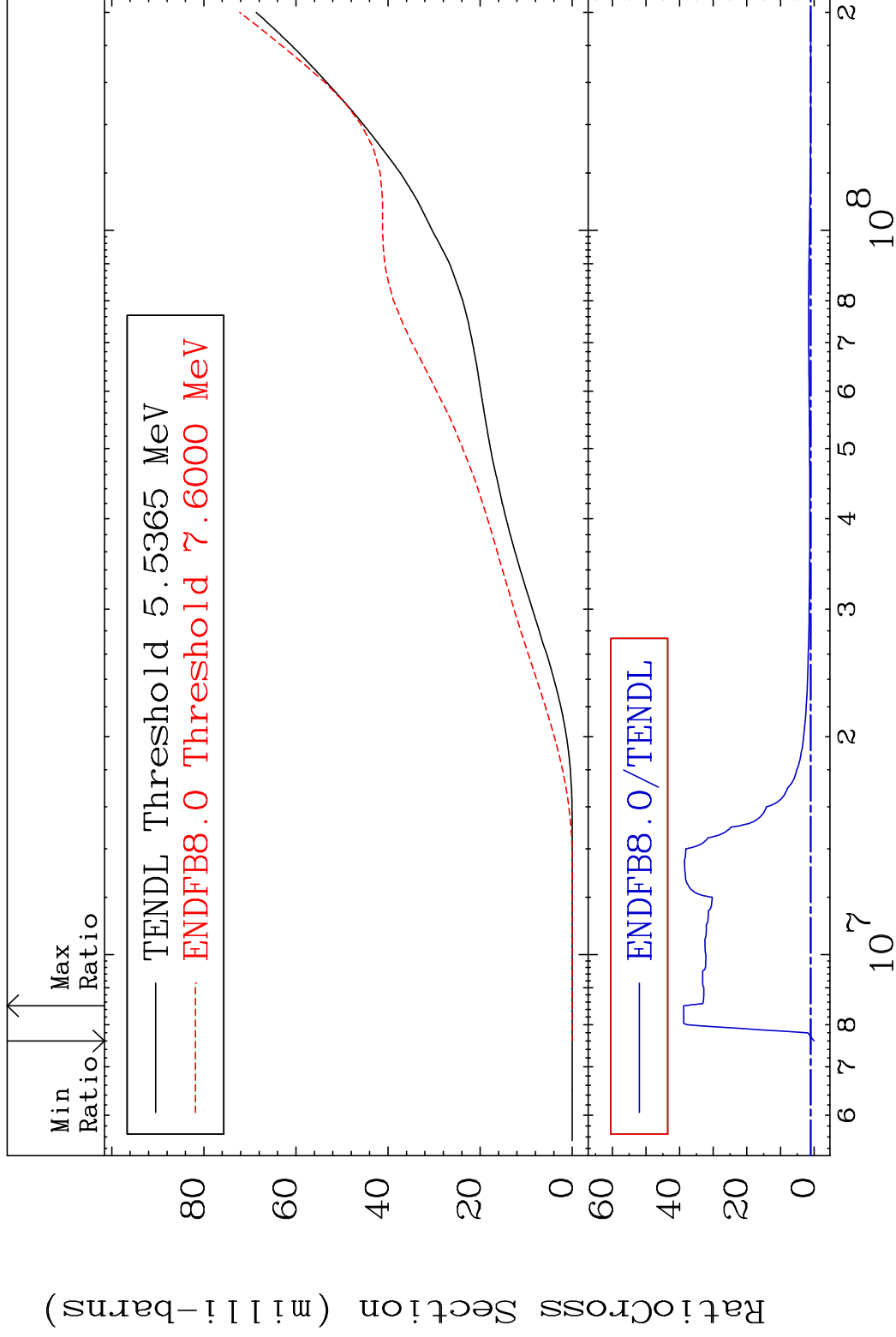
Incident Energy (eV)

82-Pb-207

MAT 8234

Tritium Production 82-Pb-207

Cross Section -100.0 To 3779. %



41

Incident Energy (eV)

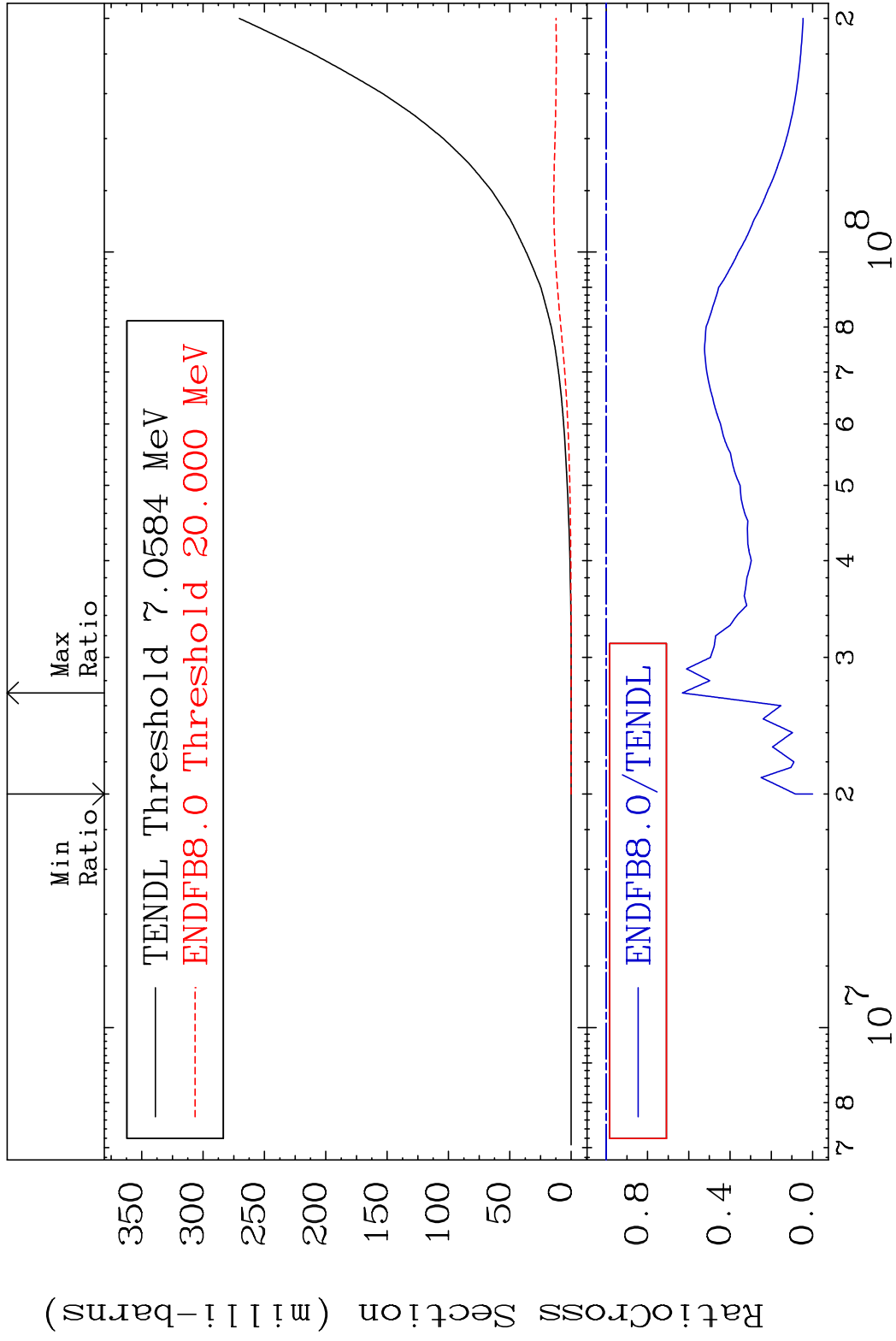
82-Pb-207

MAT 8234

He-3 Production

82-Pb-207

Cross Section -100.0 To -36.88%



42

Incident Energy (eV)

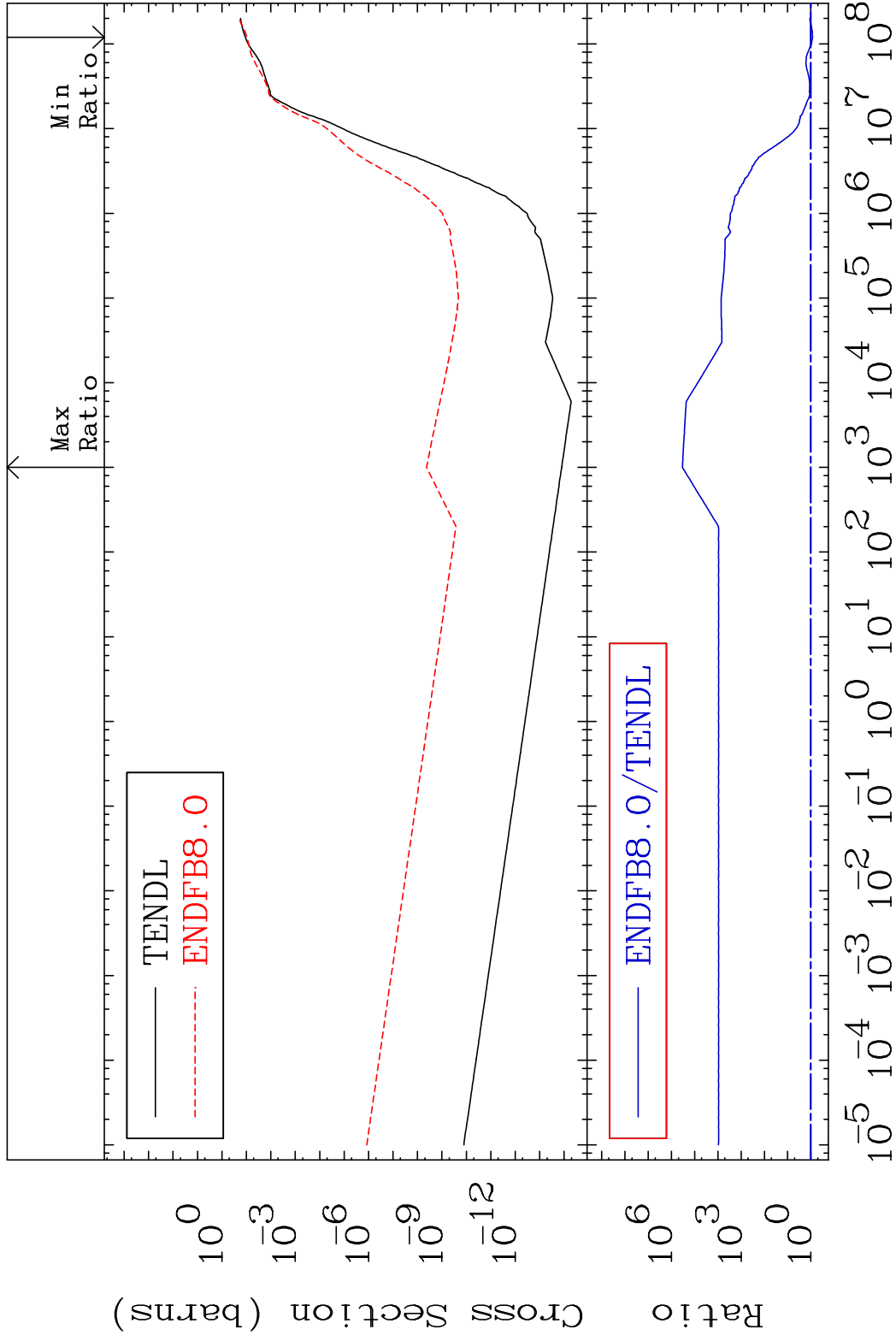
82-Pb-207

MAT 8234

He-4 Production

82-Pb-207

Cross Section -15.31 To 9999. %

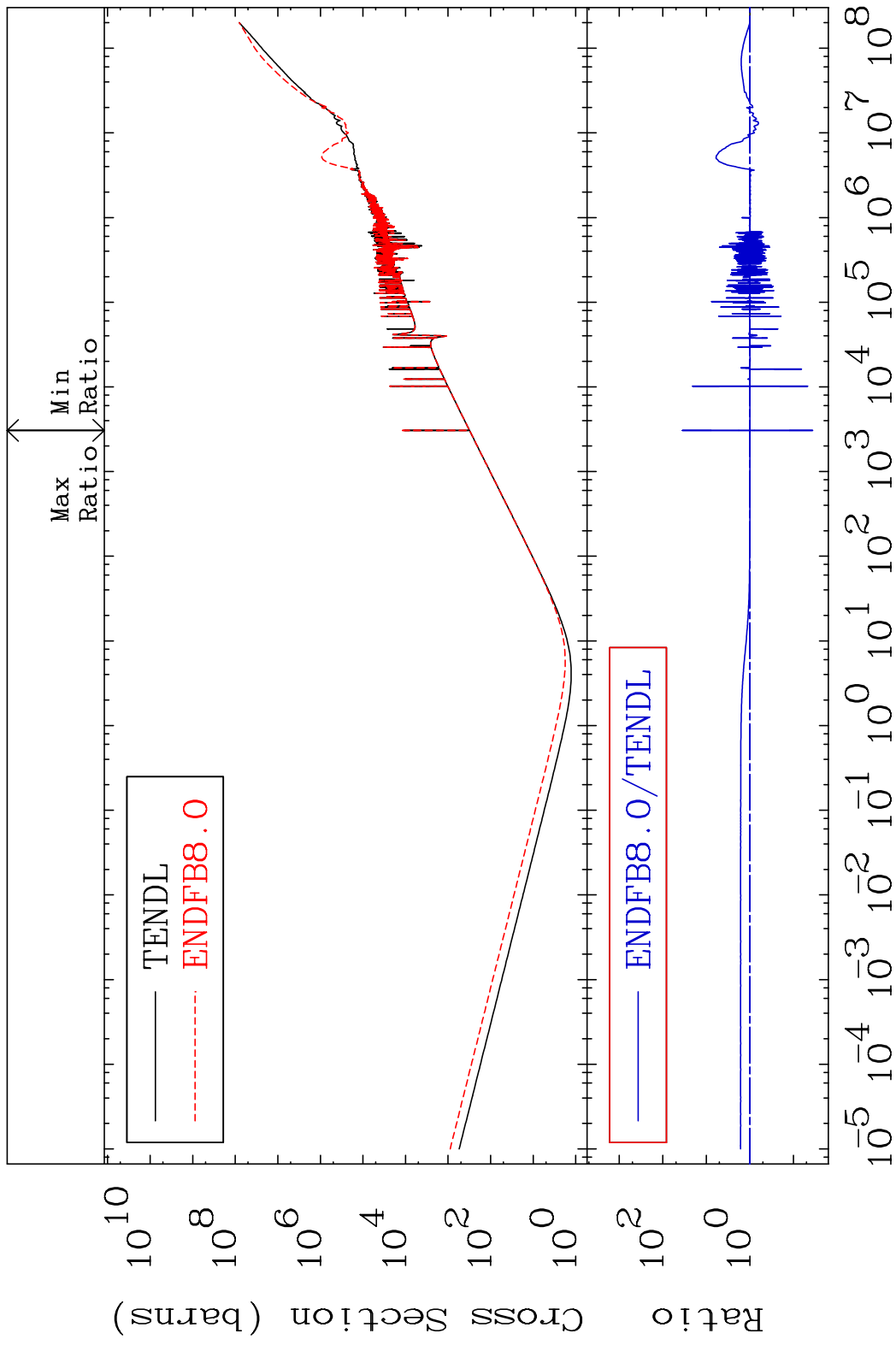


43

Incident Energy (eV)

82-Pb-207

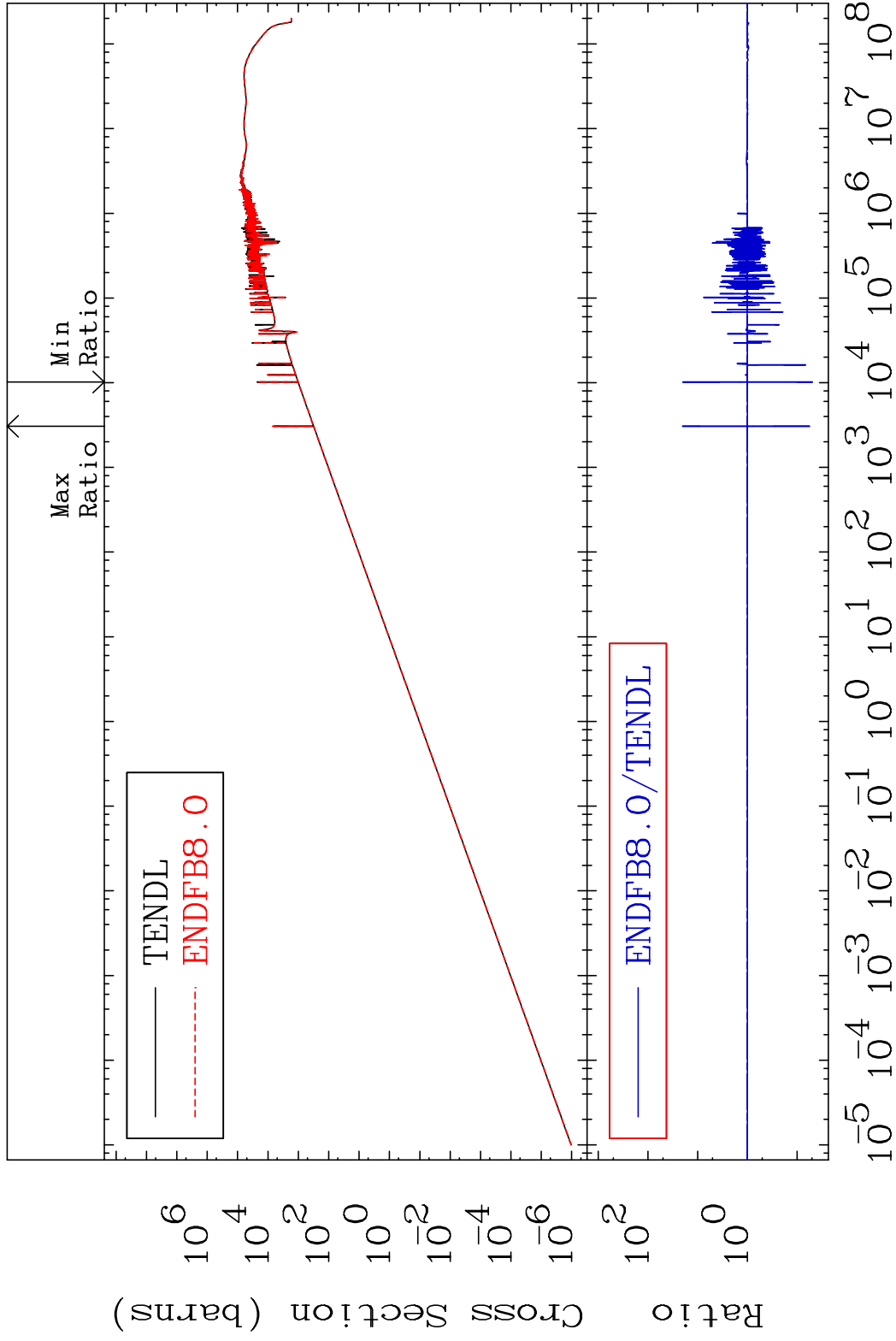
MAT 8234 Kerma total (eV-barns) 82-Pb-207  
 Cross Section -96.36 To 3454. %



MAT 8234

Kerma elastic  
Cross Section

82-Pb-207  
-95.13 To 1929. %

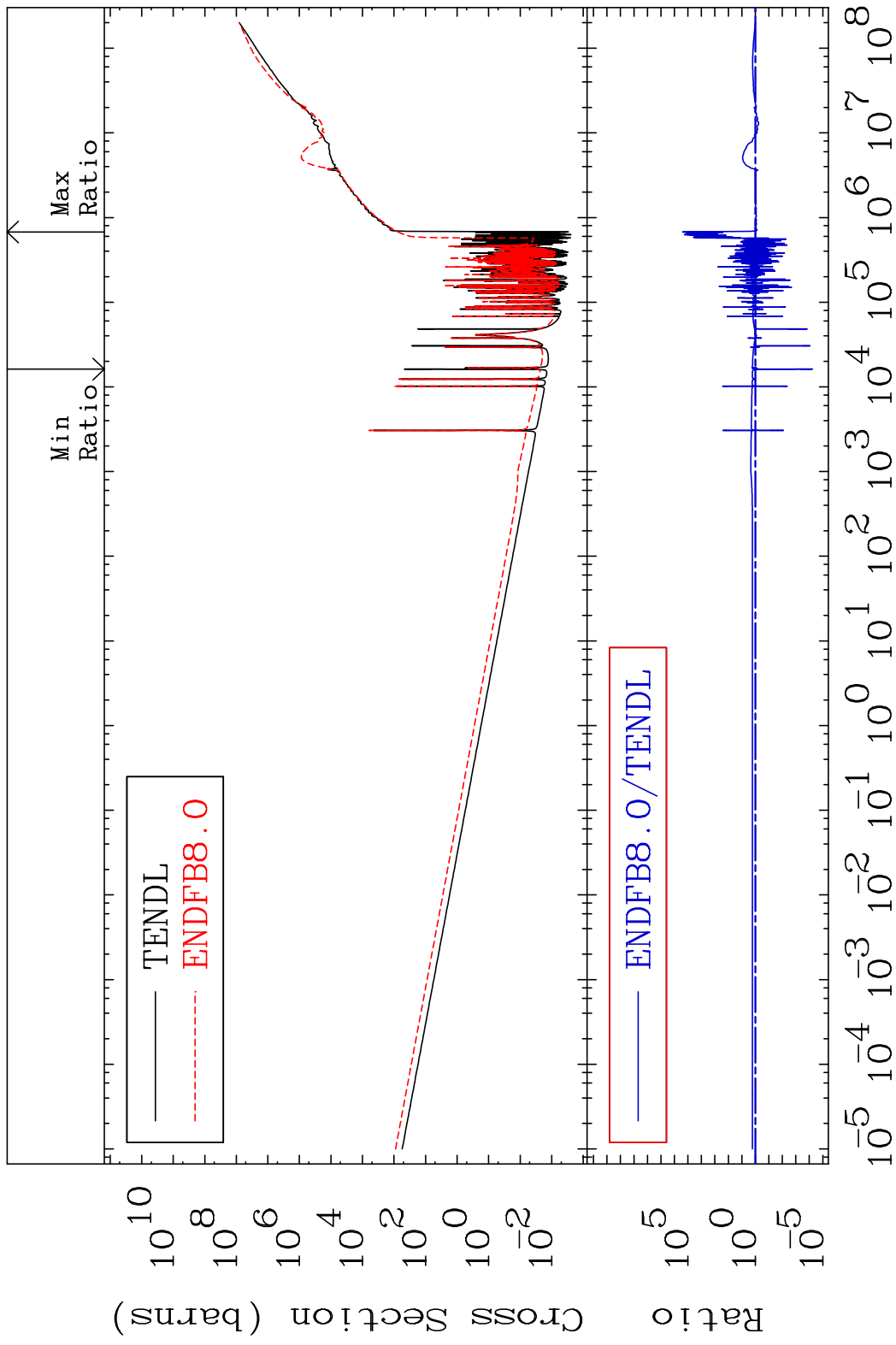


45

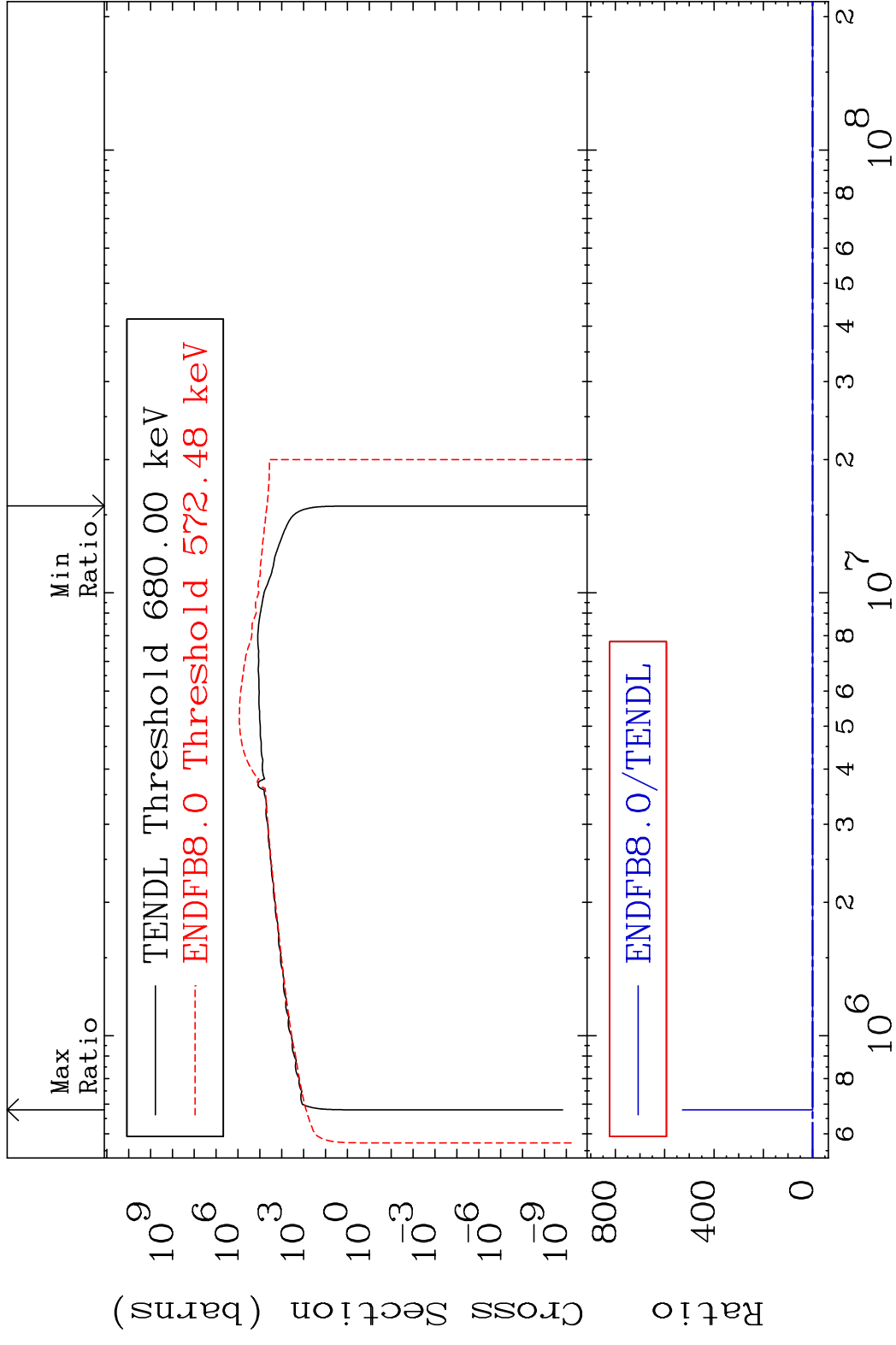
Incident Energy (eV)

82-Pb-207

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

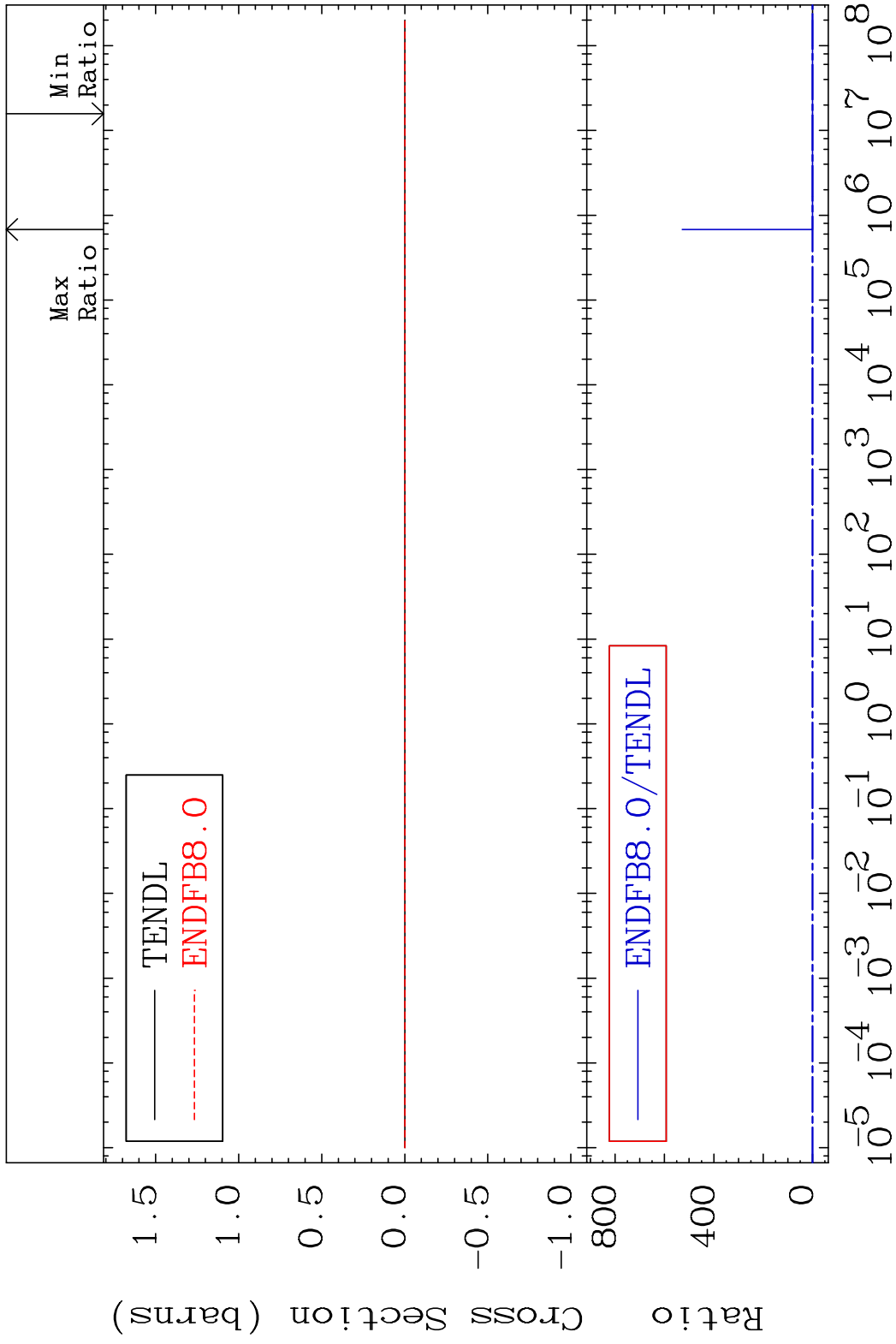


MAT 8234 Kerma inelastic (mt51-91) 82-Pb-207  
 Cross Section -9999. To 9999. %





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

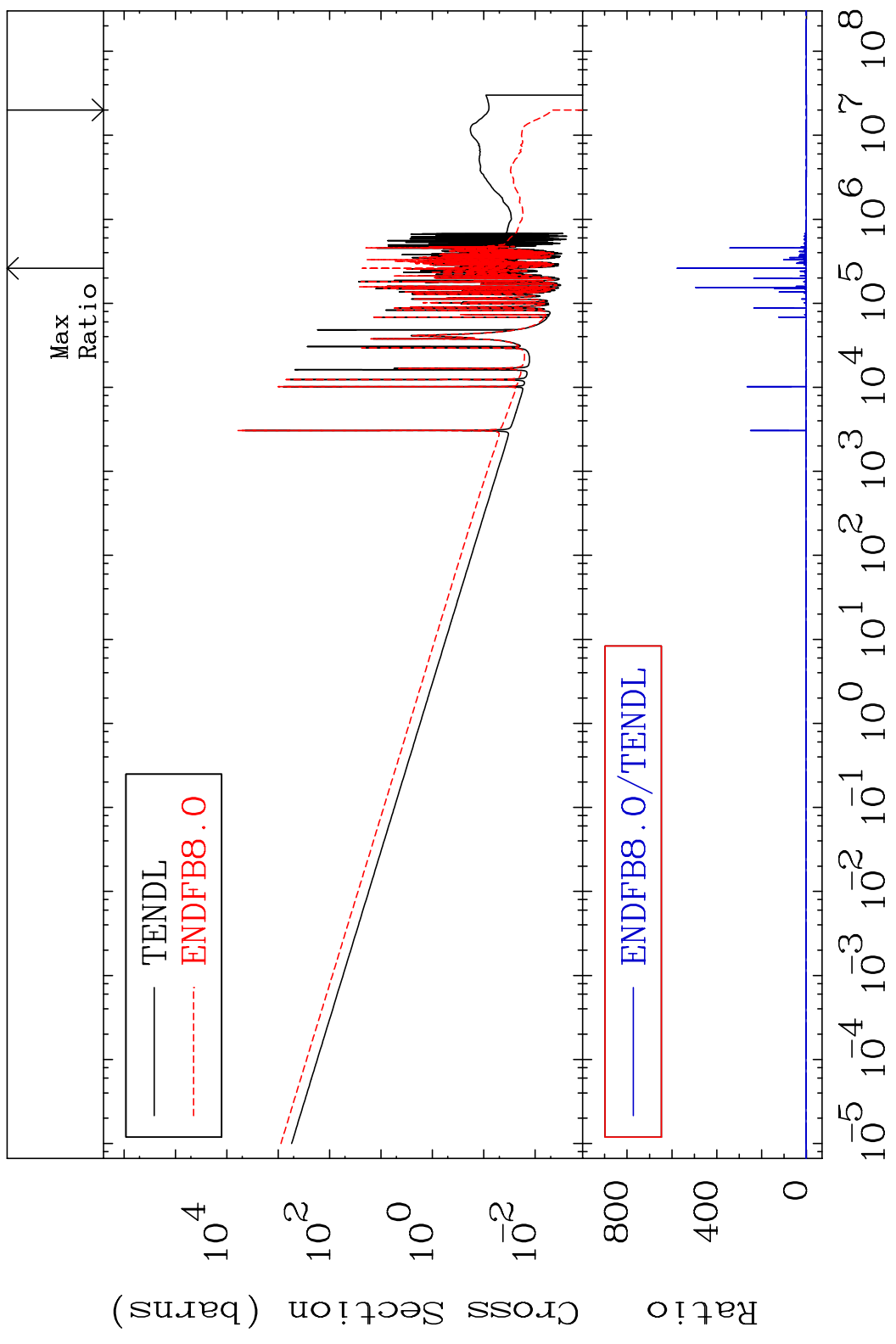


MAT 8234

Kerma capture (mt102)

82-Pb-207

Cross Section -100.0 To 9999. %

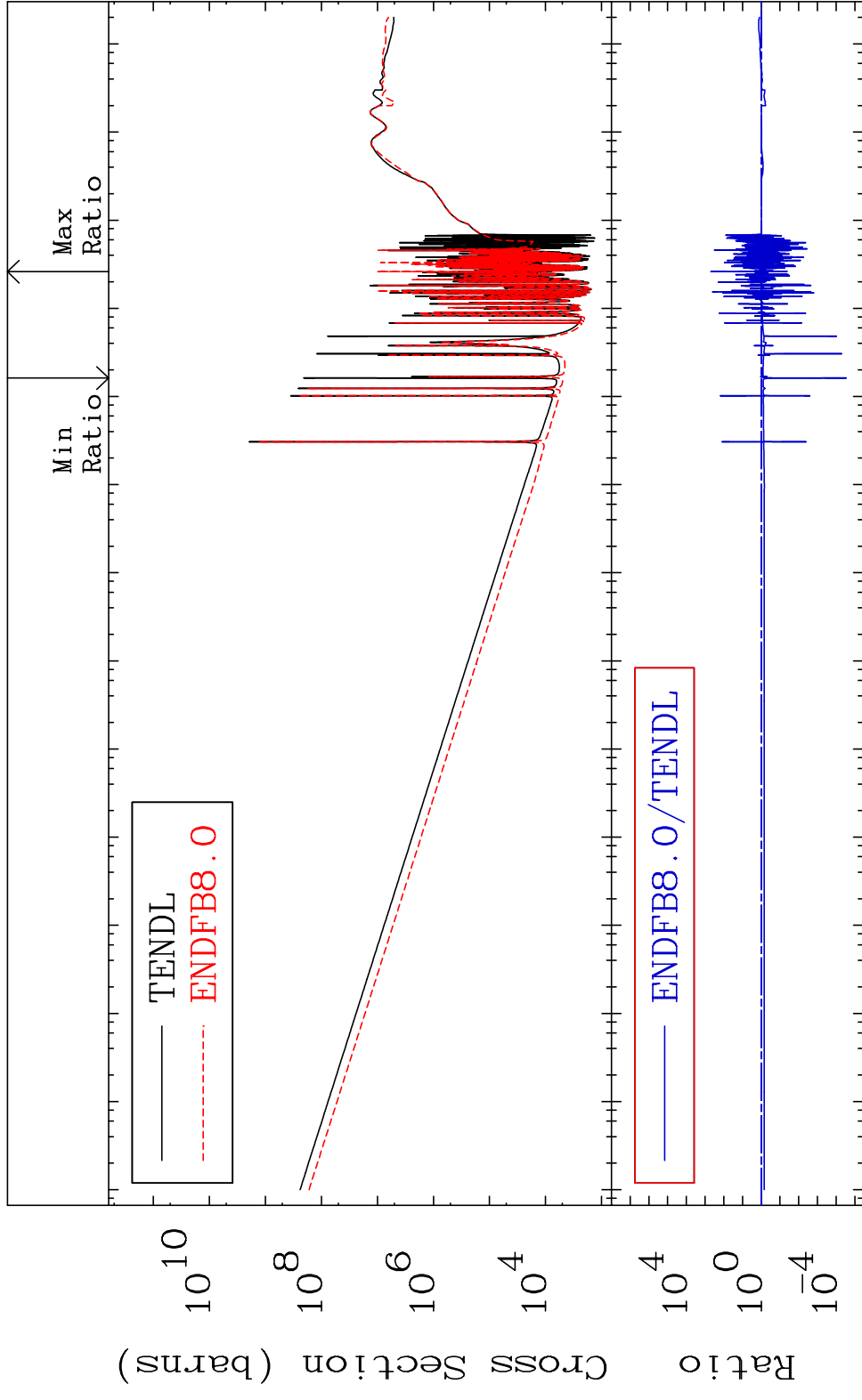


49

Incident Energy (eV)

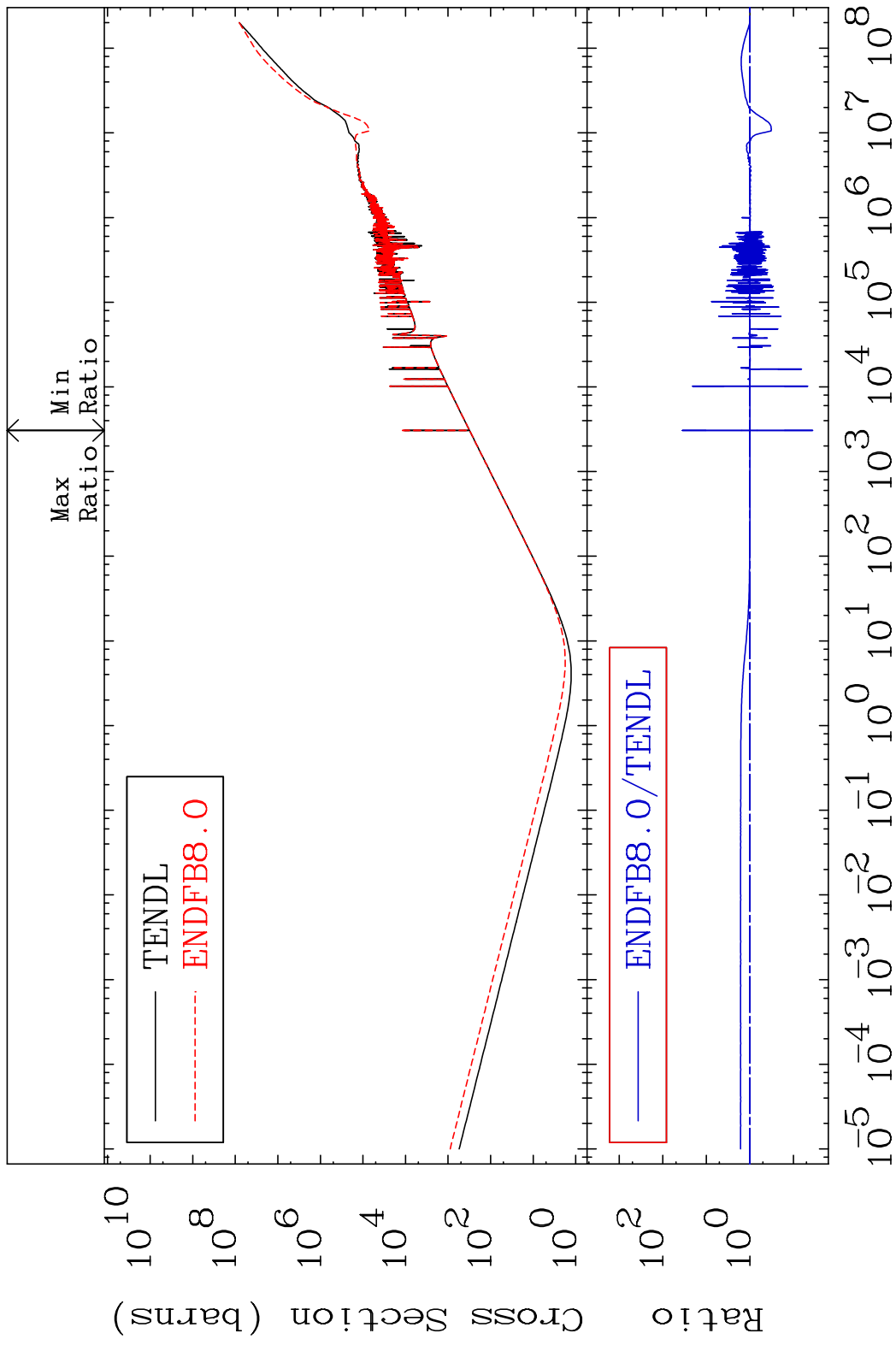
82-Pb-207

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



50 Incident Energy (eV) 82-Pb-207

MAT 8234 Total kinematic kerma (high limit) 82-Pb-207  
 Cross Section -96.36 To 3454. %

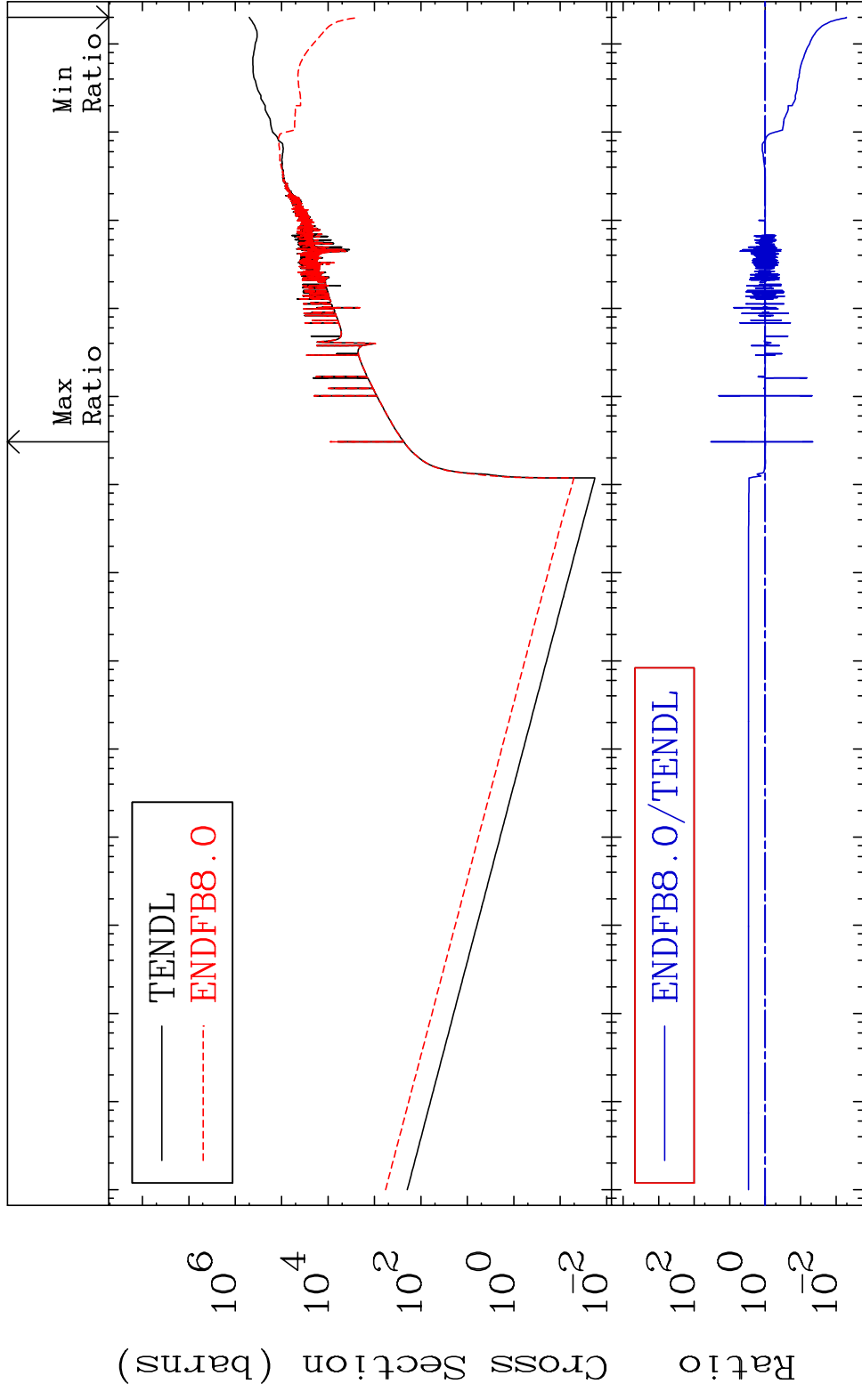


MAT 8234

Dpa total (eV-barns)

82-Pb-207

Cross Section -99.48 To 3319. %

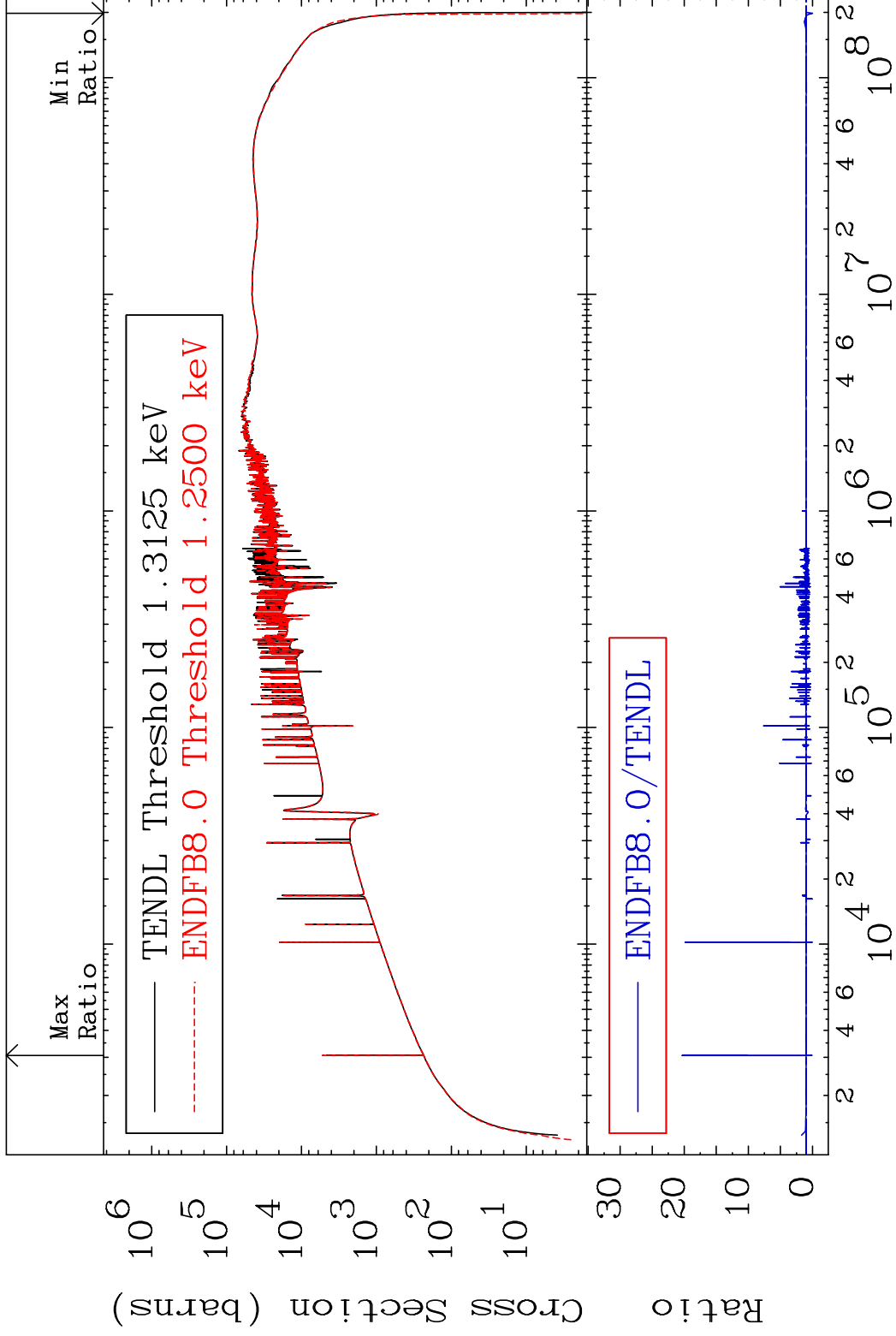


MAT 8234

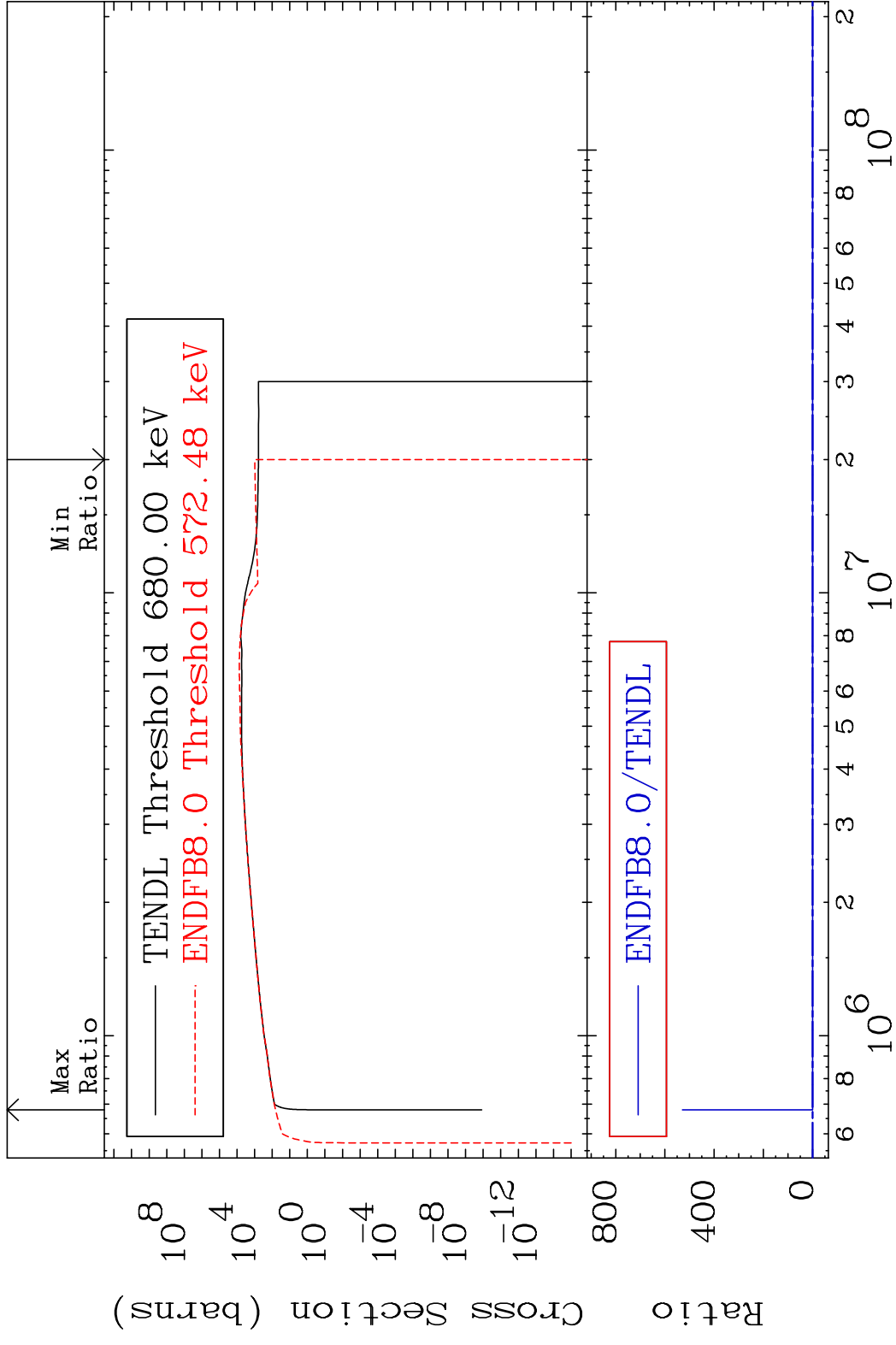
Dpa elastic (mt2)

82-Pb-207

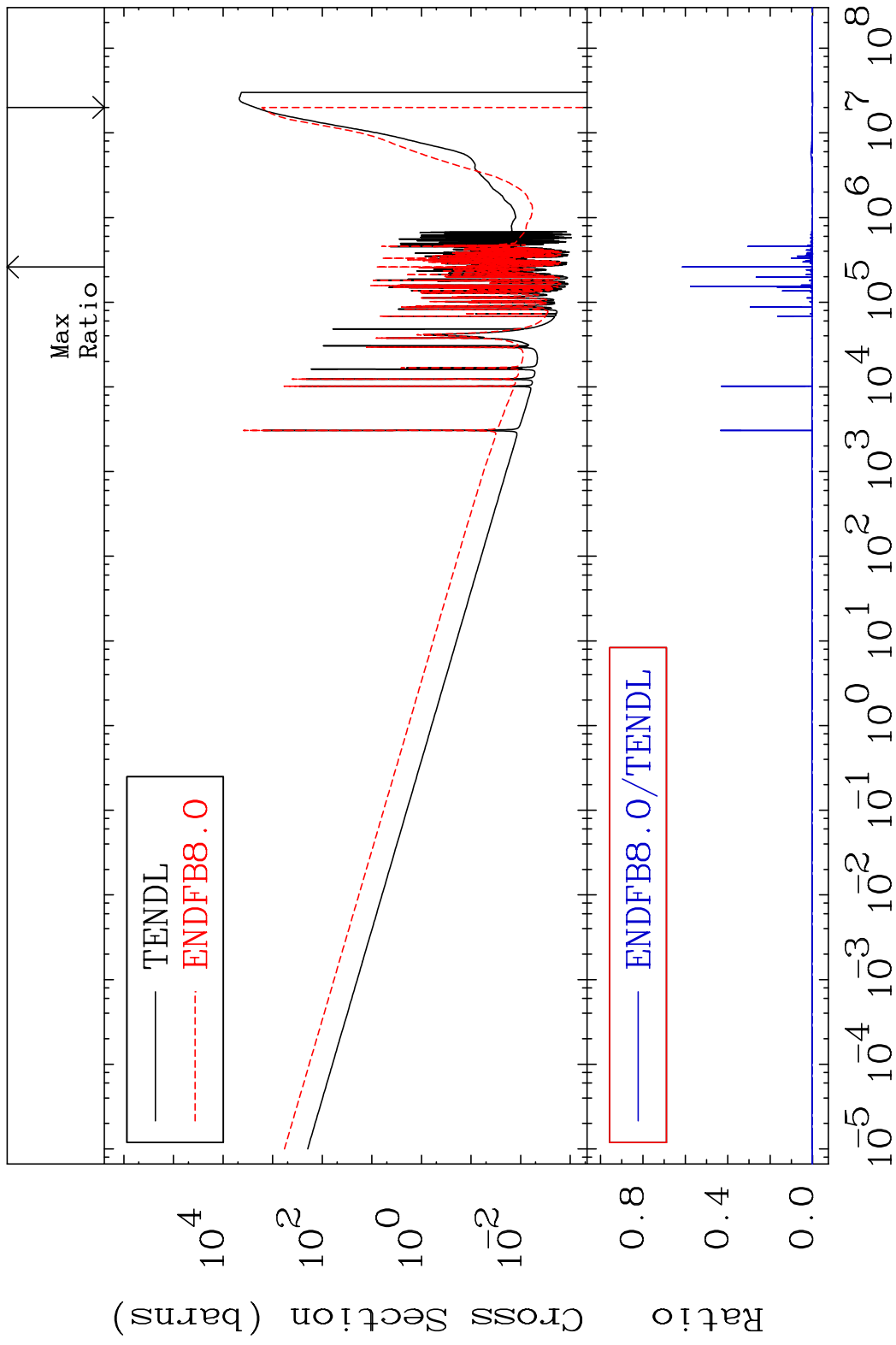
Cross Section -100.0 To 1933. %



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



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





MAT 8234 (n,p):81-Tl-207g 82-Pb-207  
 Radionuclide Production Cross Section 180.0 mb 121.7 %

