

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

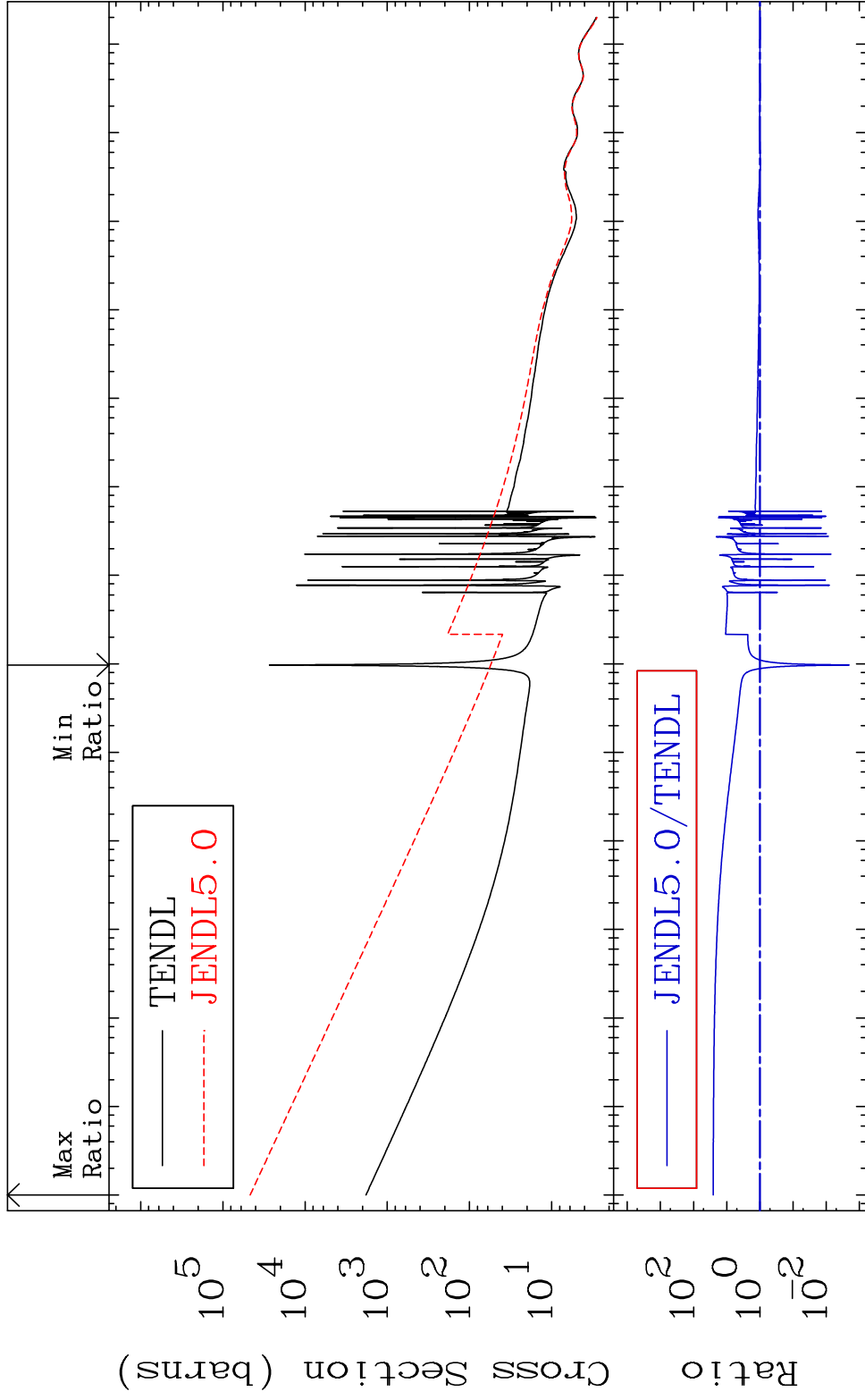
MAT 8019

Total

80-Hg-194

Cross Section

-99.80 To 2463. %



1

Incident Energy (eV)

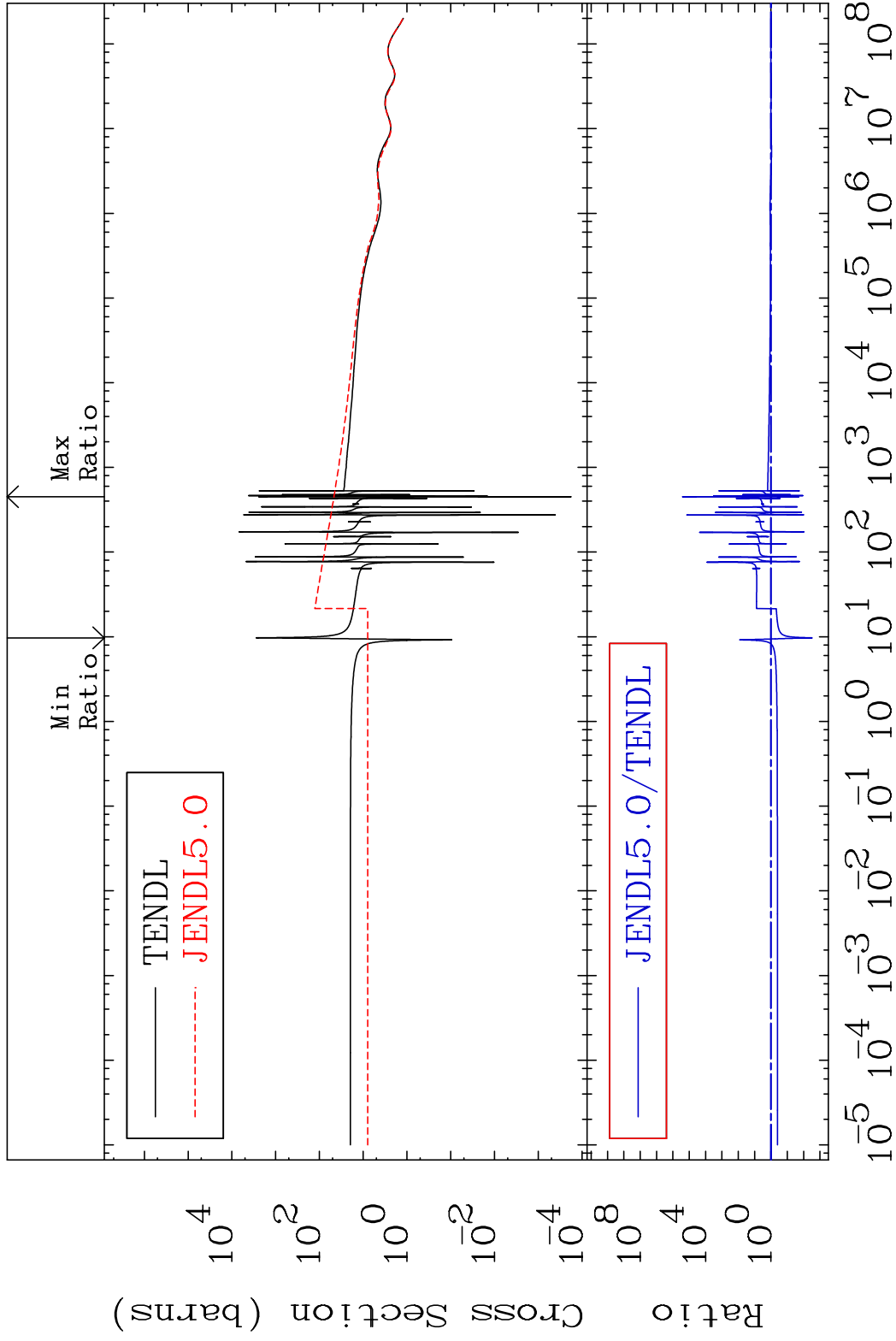
80-Hg-194

MAT 8019

Elastic

80-Hg-194

Cross Section -99.72 To 9999. %



2

Incident Energy (eV)

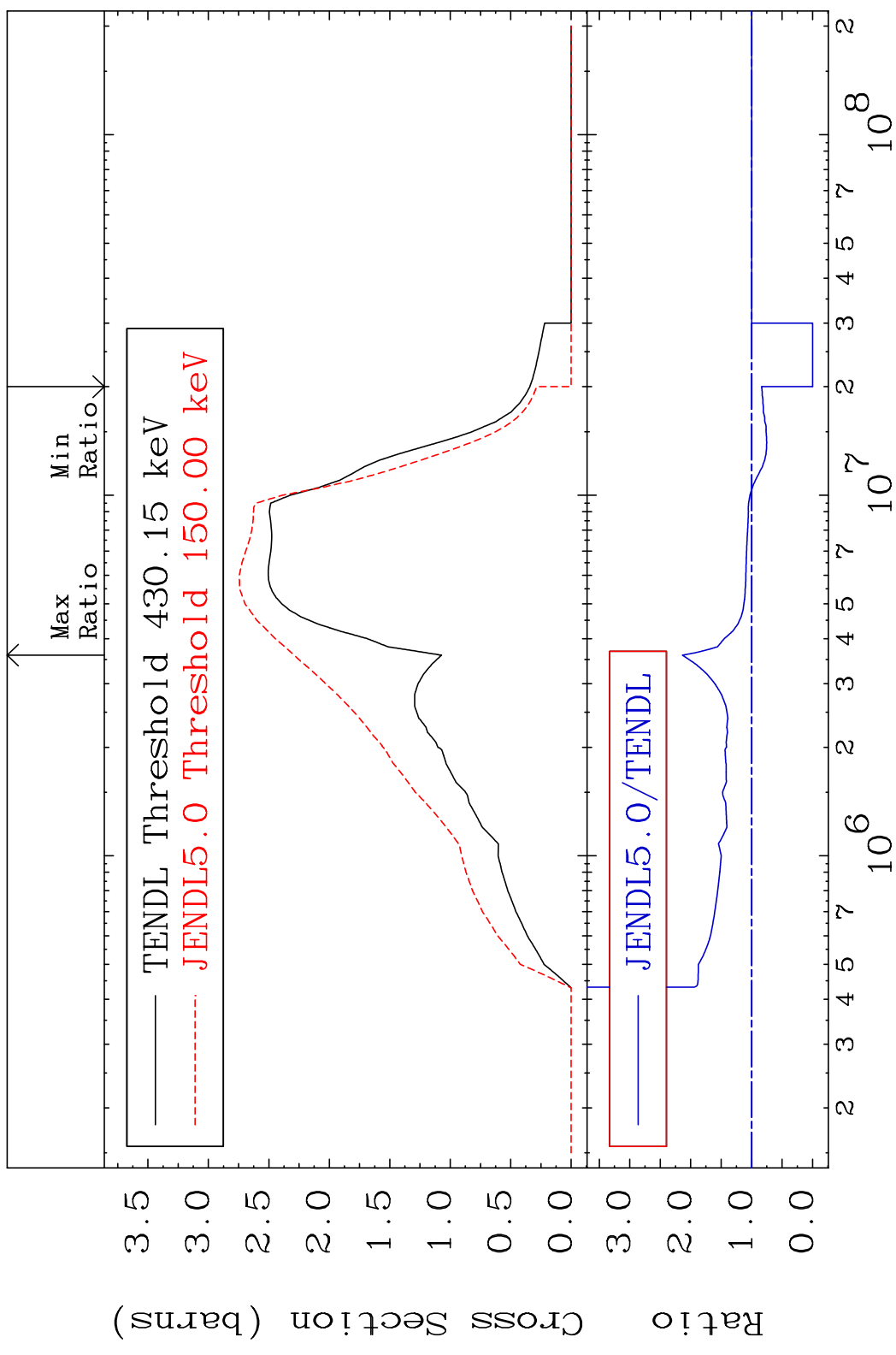
80-Hg-194

MAT 8019

Inelastic

80-Hg-194

Cross Section -100.0 To 113.7 %

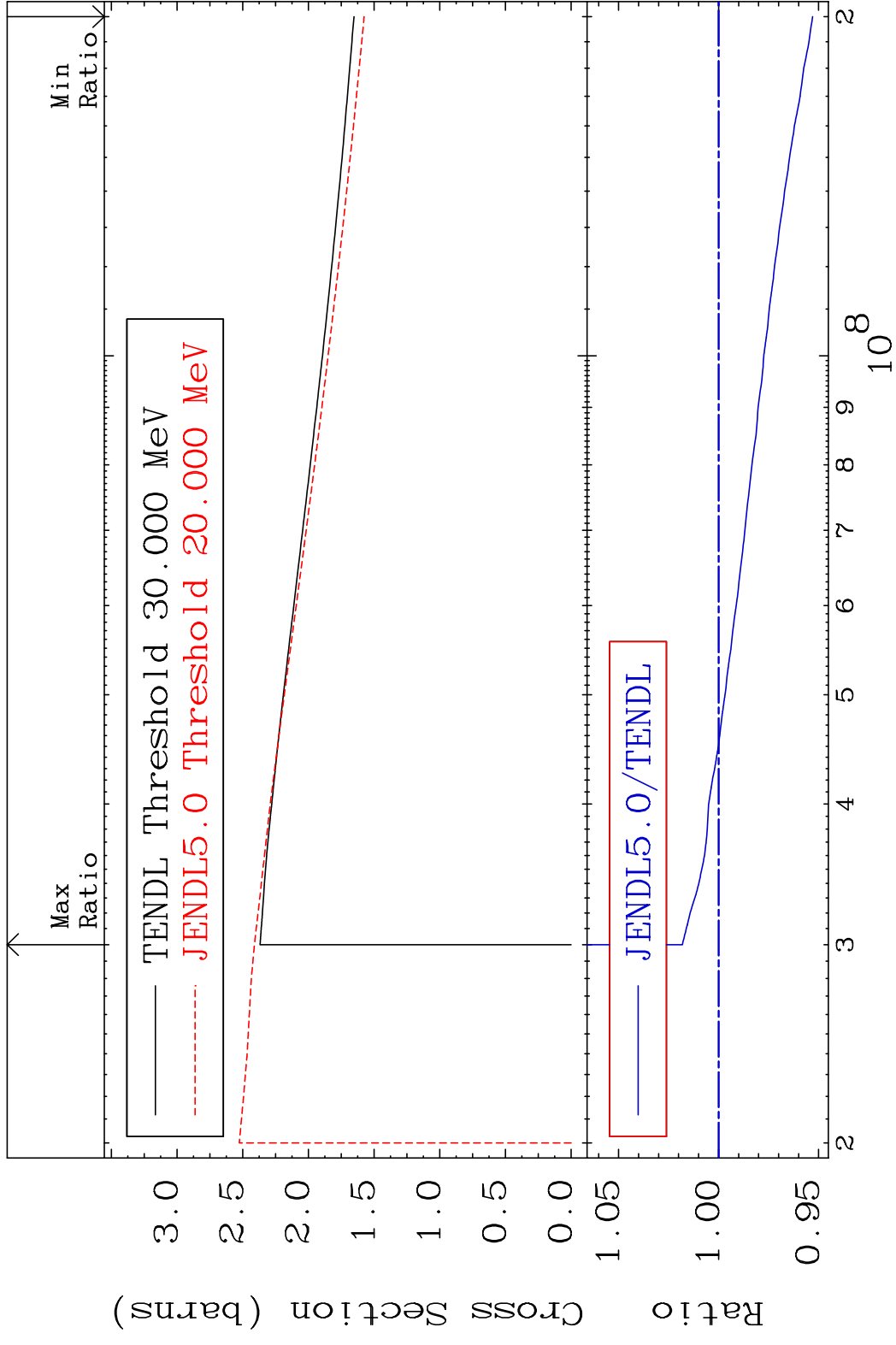


MAT 8019

(n, remainder)

80-Hg-194

Cross Section -4.696 To 1.812 %



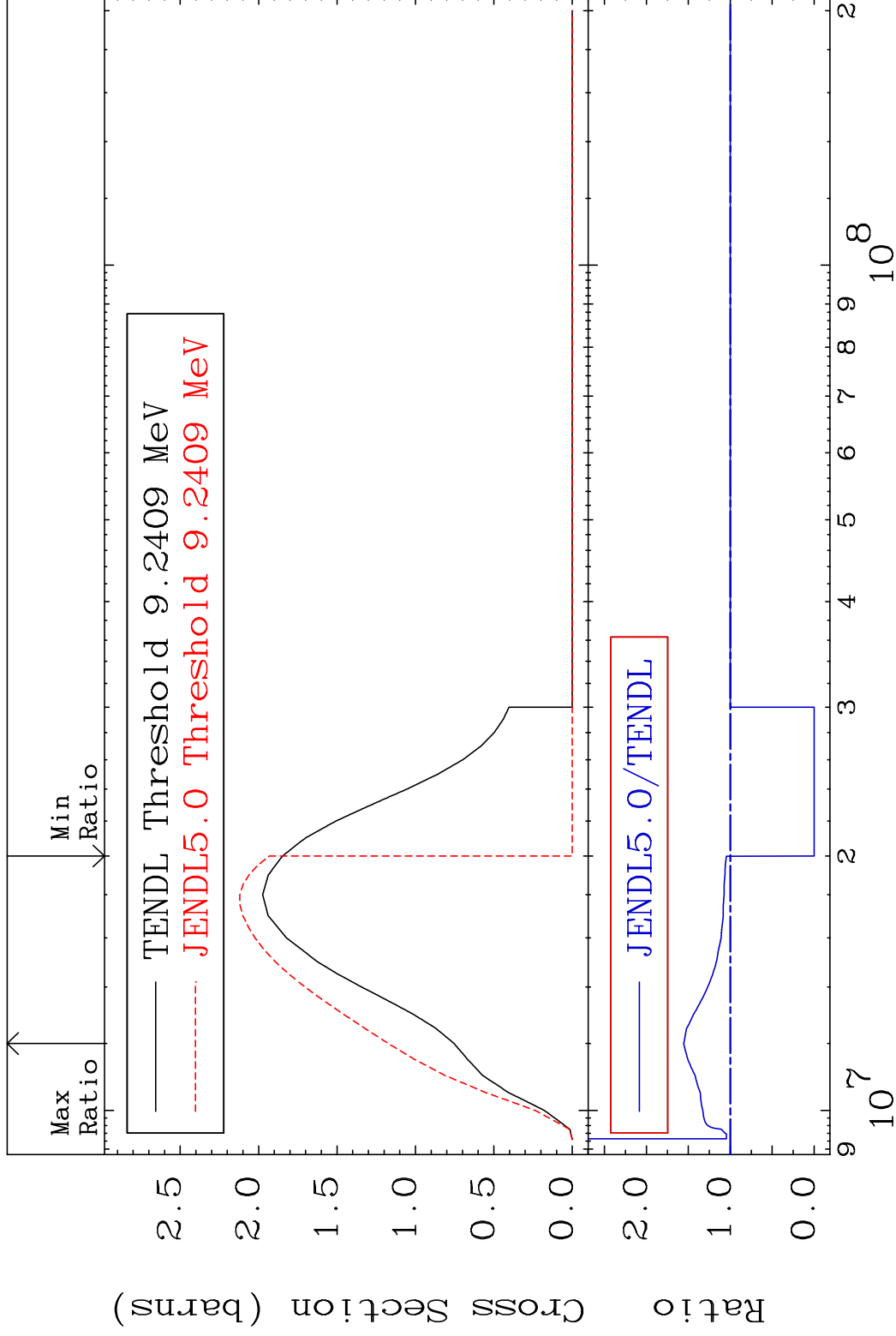
4 Incident Energy (eV) 80-Hg-194

MAT 8019

(n,2n)

80-Hg-194

Cross Section -100.0 To 55.59 %



5

Incident Energy (eV)

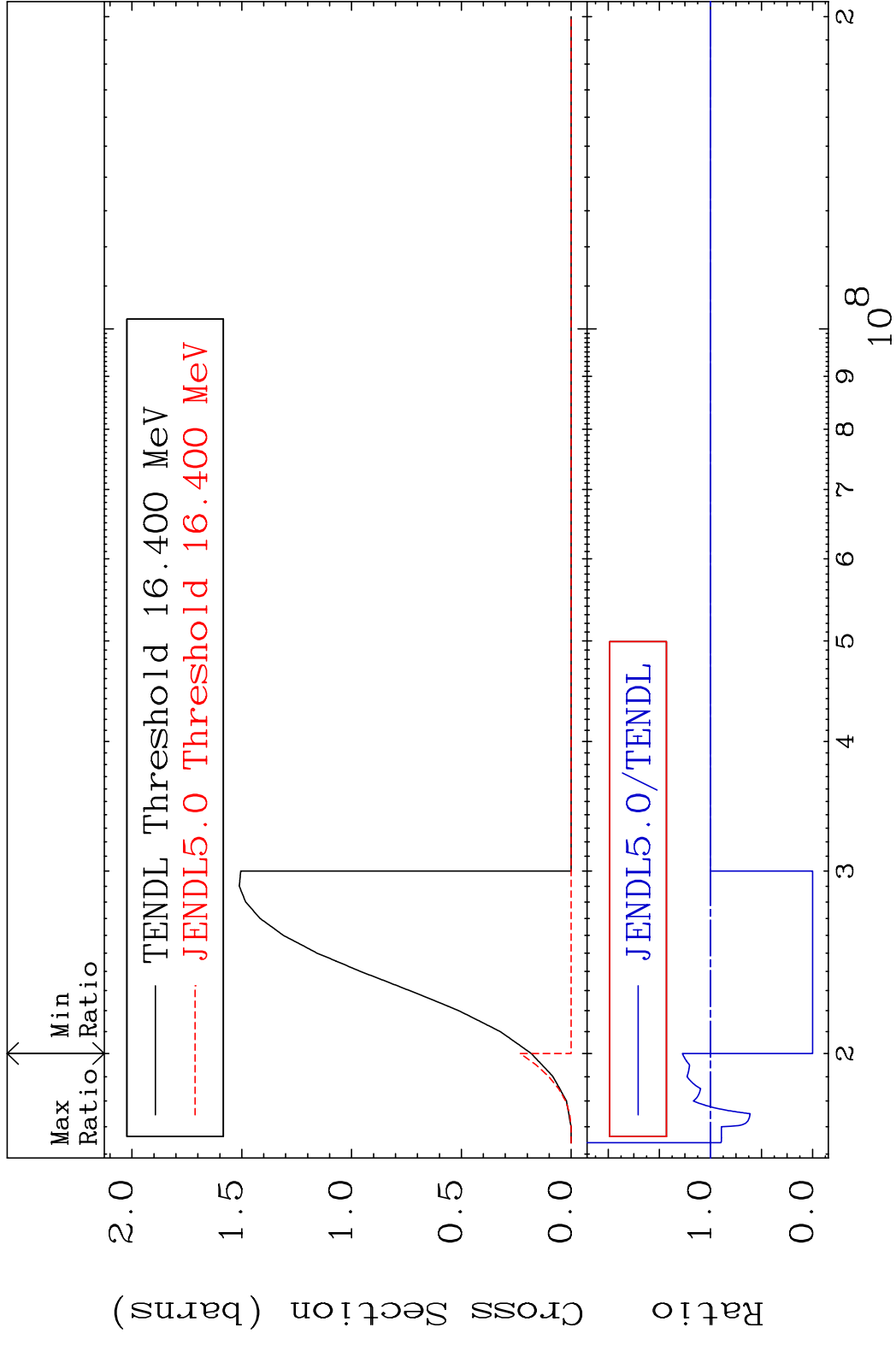
80-Hg-194

MAT 8019

(n,3n)

80-Hg-194

Cross Section -100.0 To 27.52 %

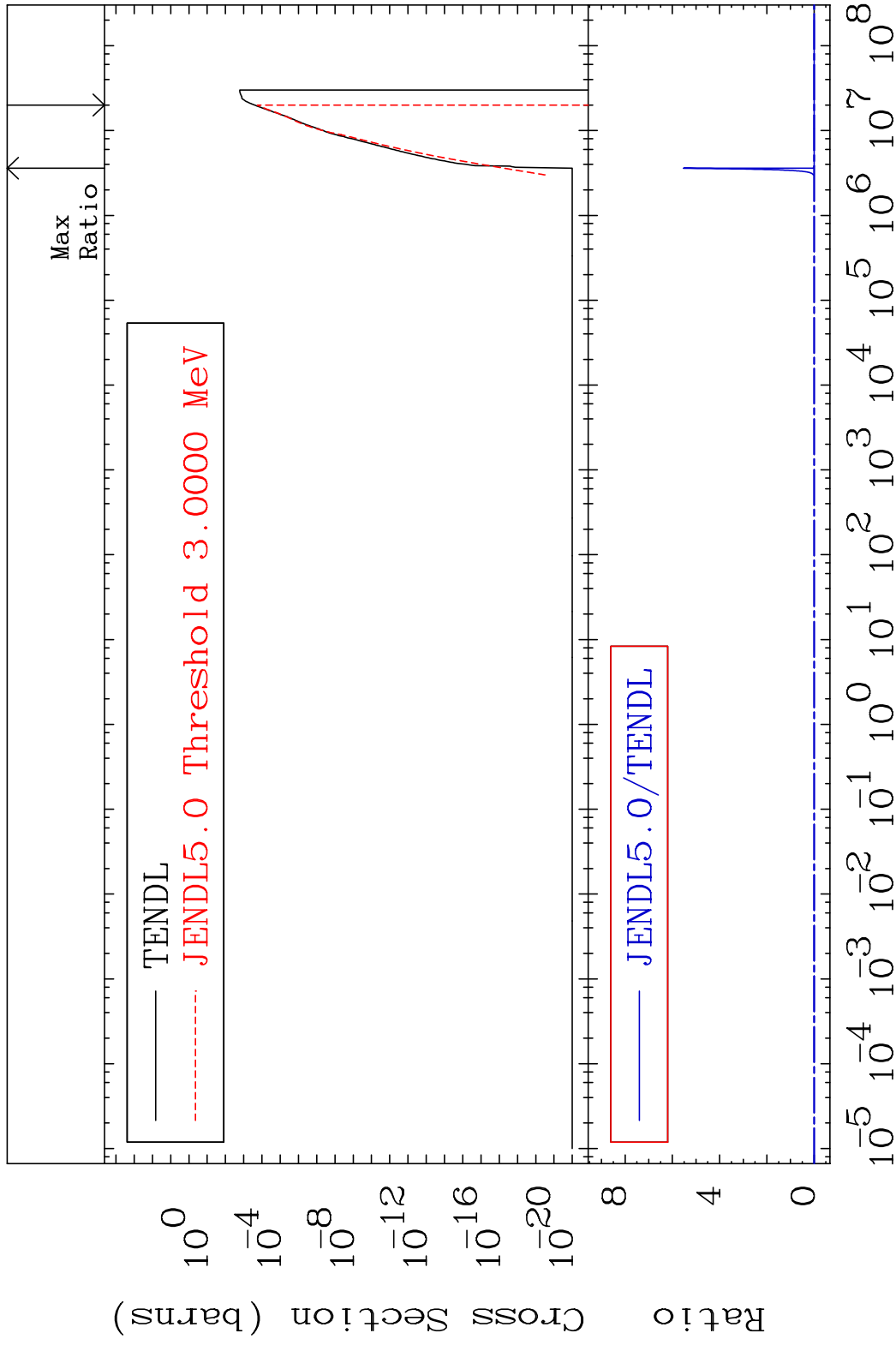


MAT 8019

(n, n')  $\alpha$

80-Hg-194

Cross Section -100.0 To 9999. %



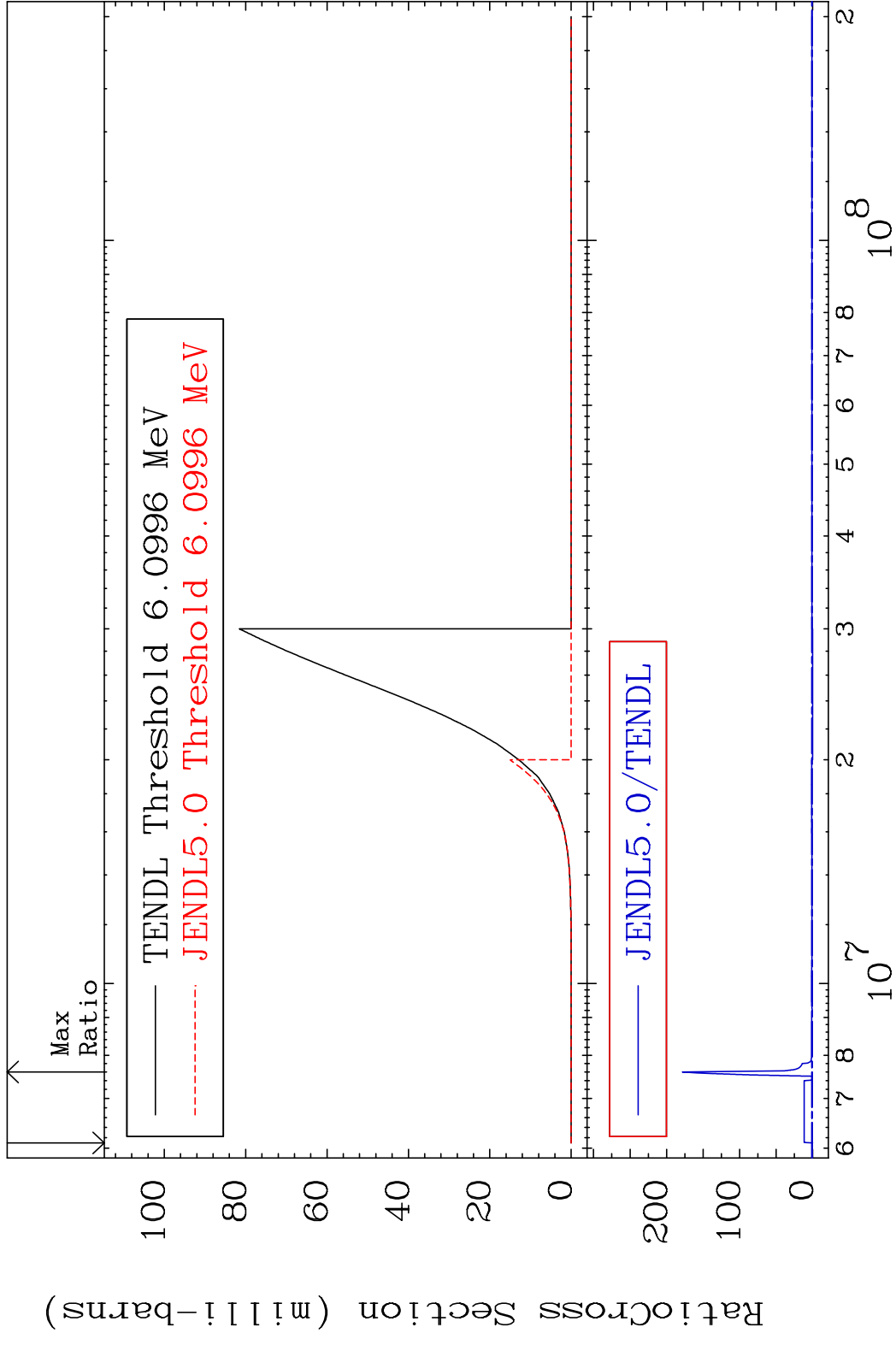
7

Incident Energy (eV)

80-Hg-194



MAT 8019 (n, n') p 80-Hg-194  
 Cross Section -100.0 To 9999. %



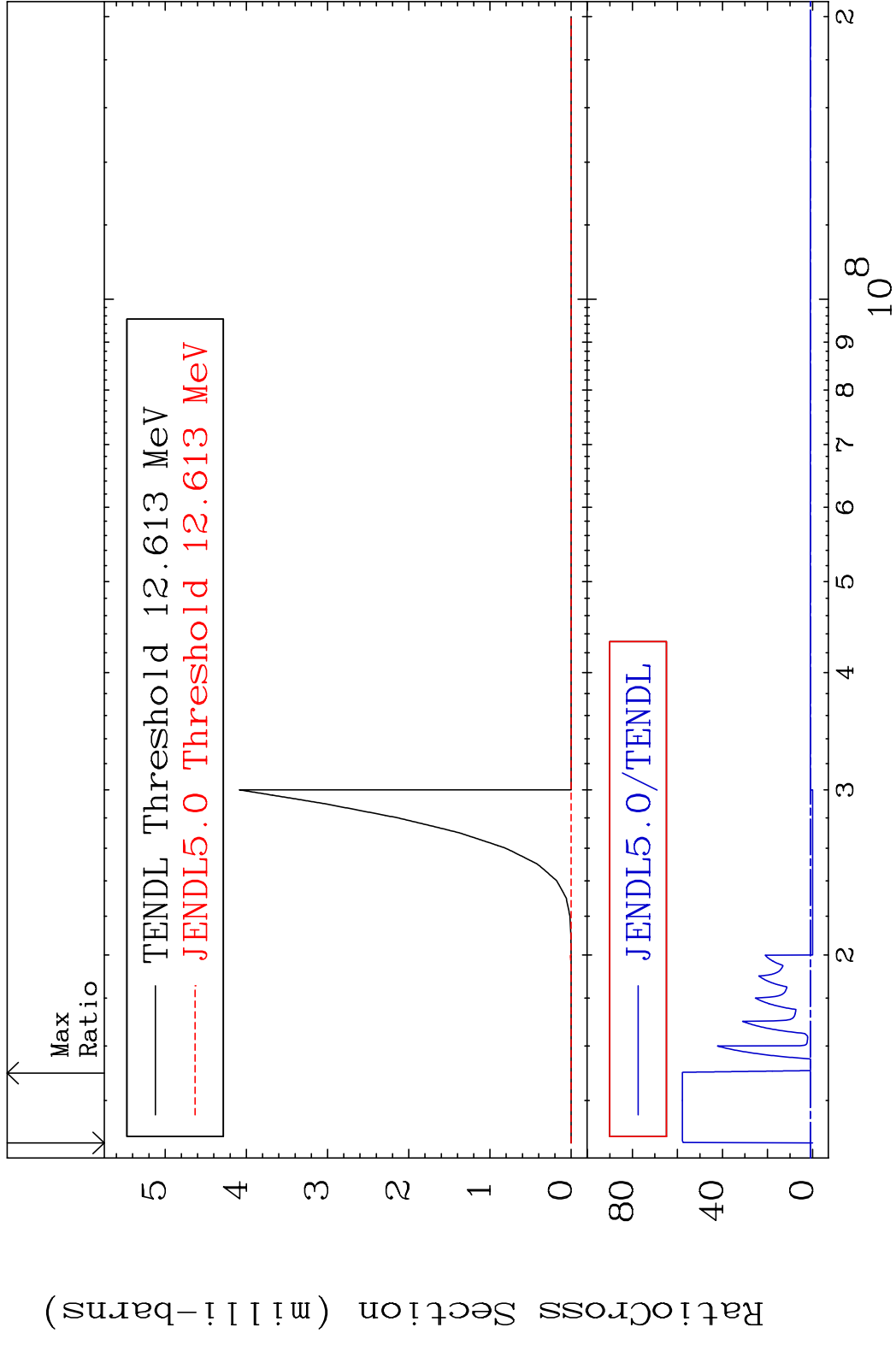
8 8 80-Hg-194

MAT 8019

(n, n') d

80-Hg-194

Cross Section -100.0 To 5680. %

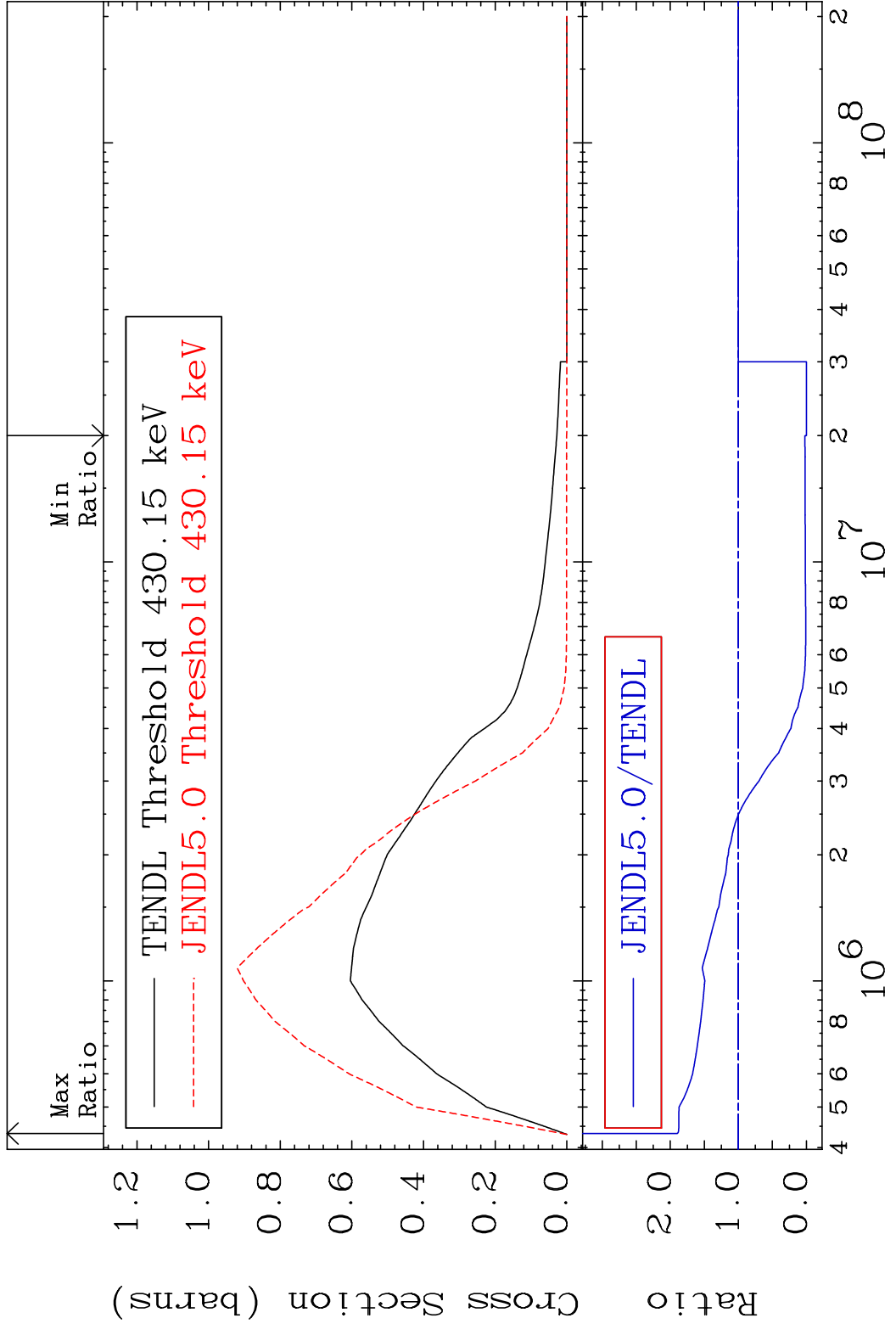


9

Incident Energy (eV)

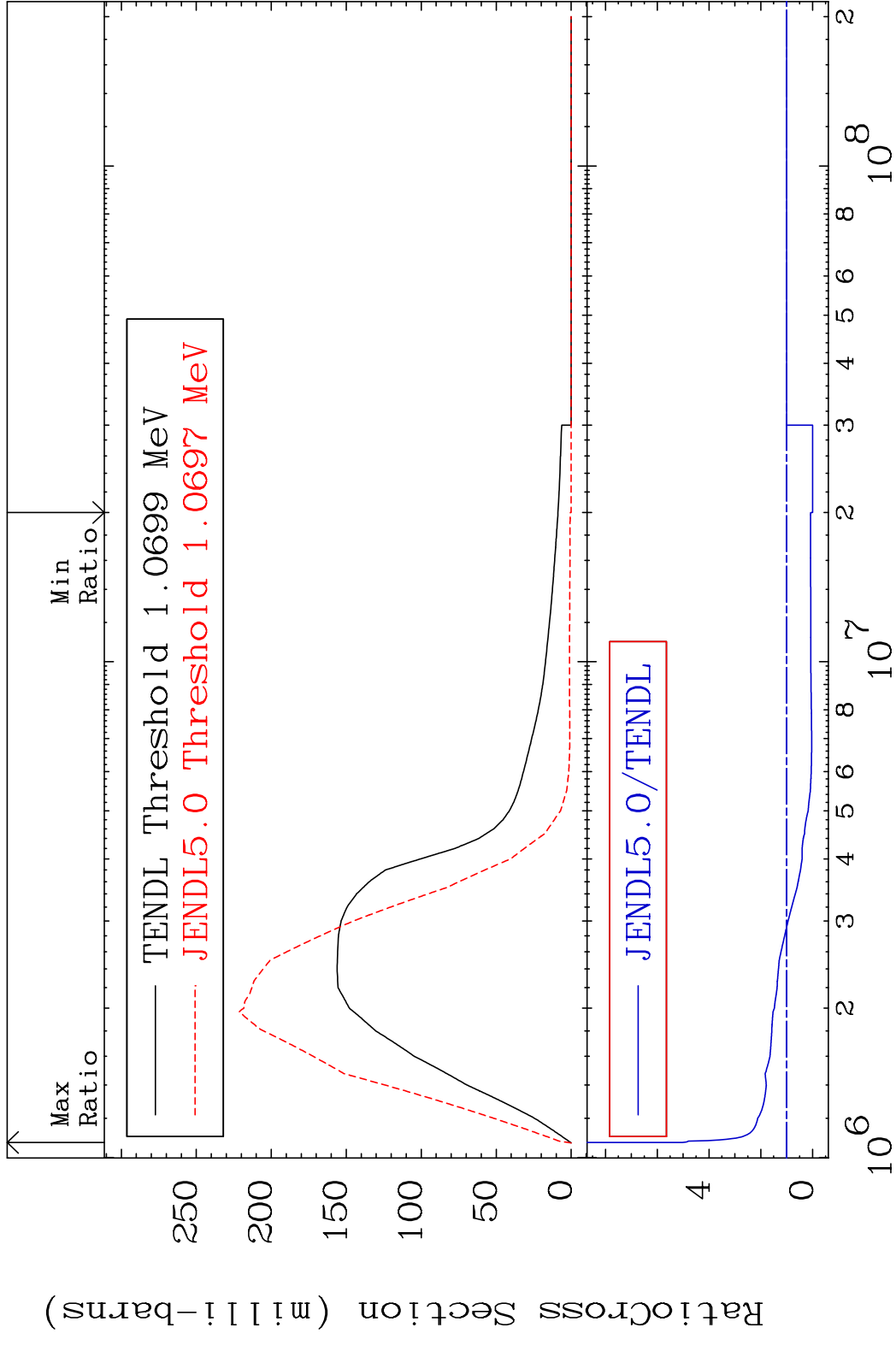
80-Hg-194

MAT 8019 MT= 51 (n, n') Level 80-Hg-194  
 Cross Section -100.0 To 89.90 %



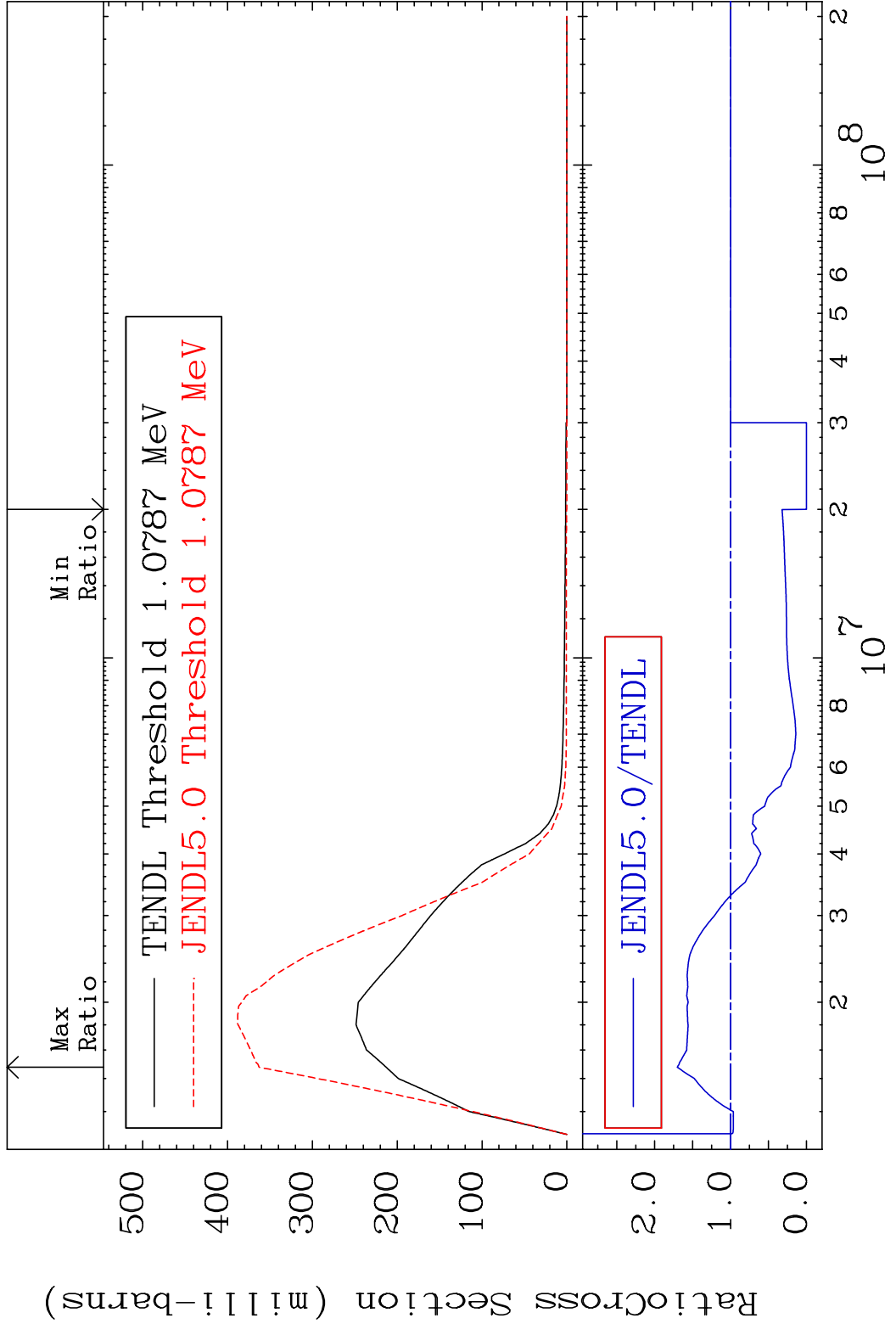
10 Incident Energy (eV) 80-Hg-194

MAT 8019 MT= 52 (n, n') Level 80-Hg-194  
 Cross Section -100.0 To 402.9 %

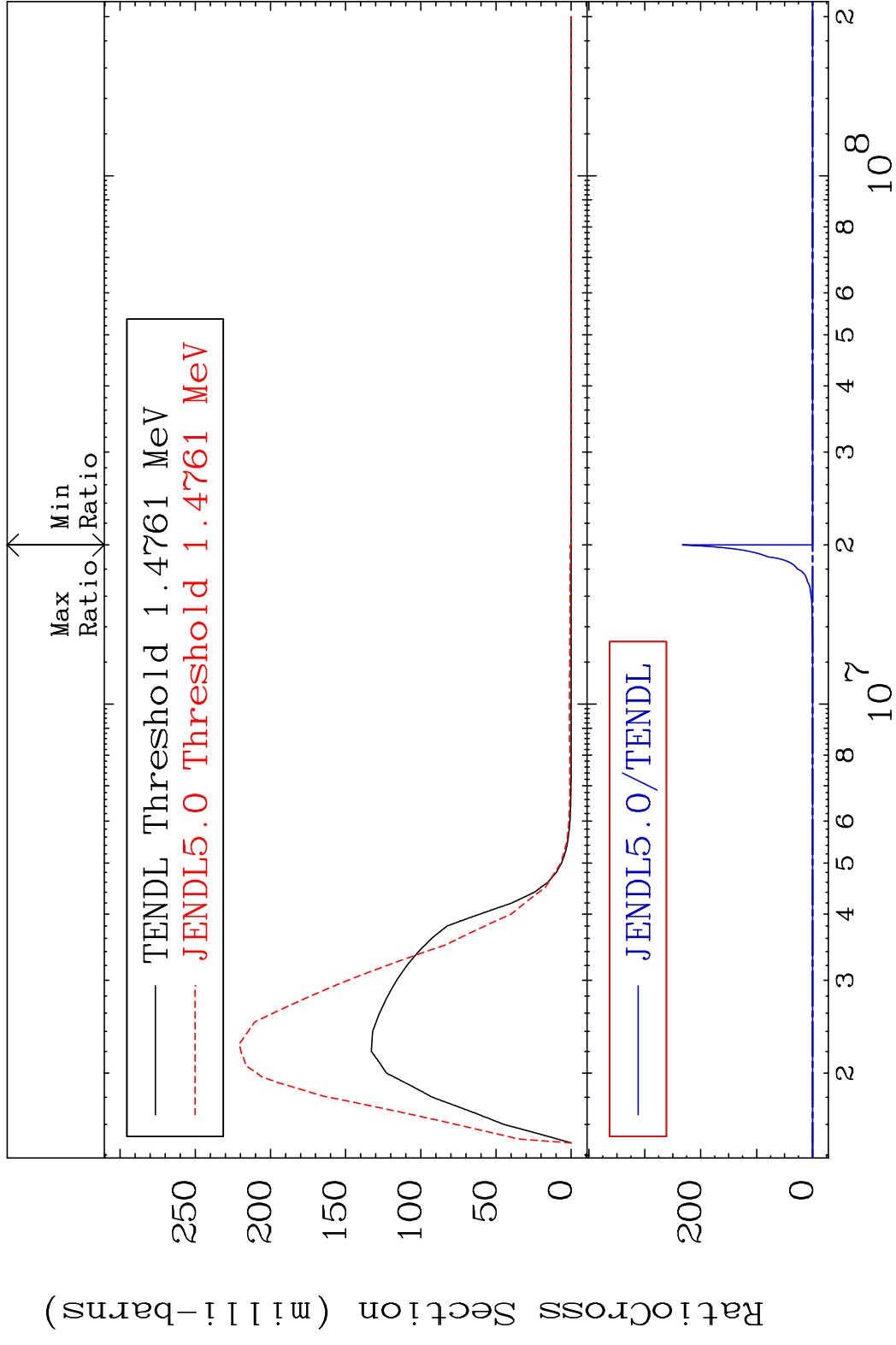


11 Incident Energy (eV) 80-Hg-194

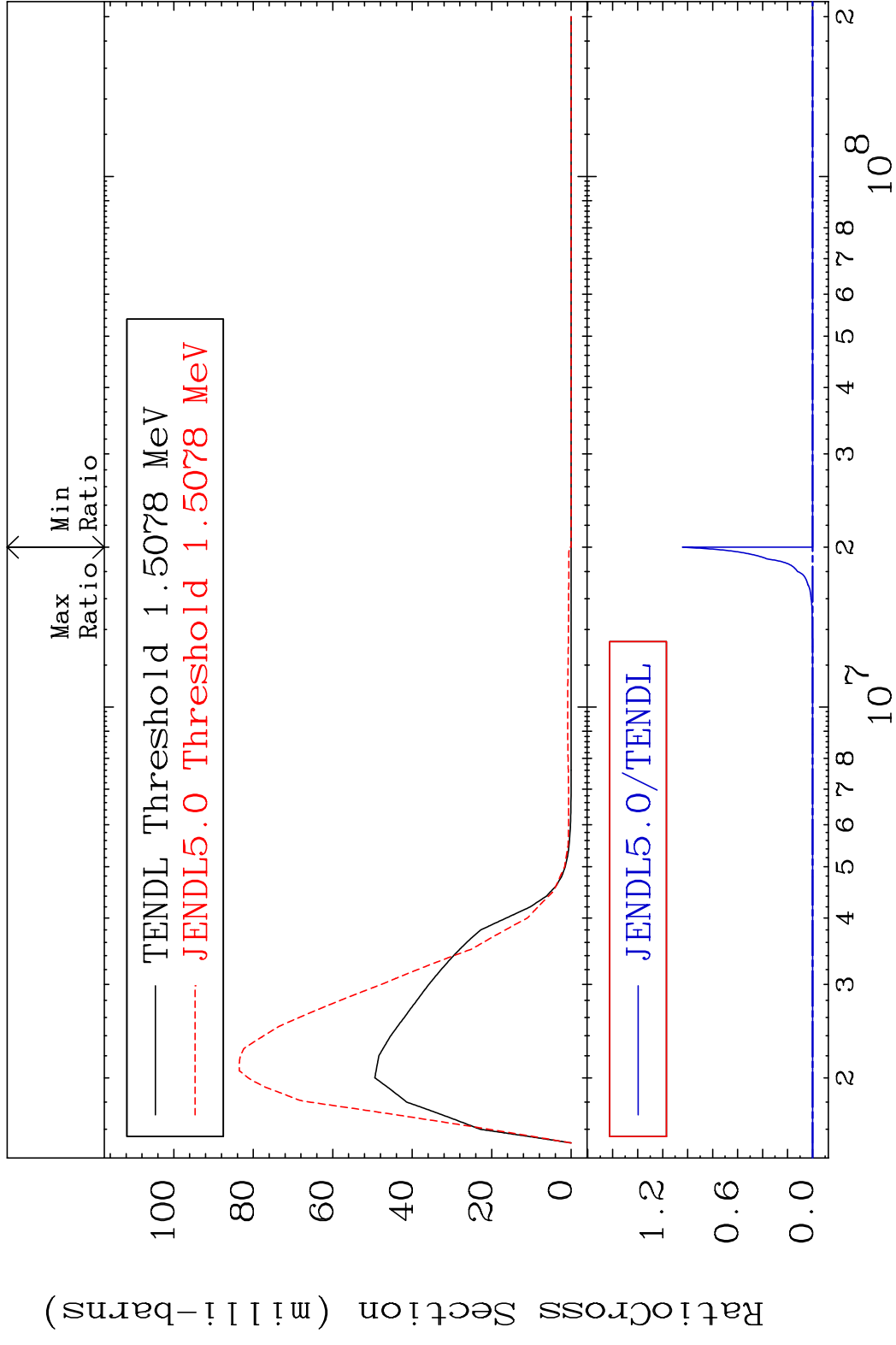
MAT 8019 MT= 53 (n, n') Level 80-Hg-194  
 Cross Section -100.0 To 70.31 %



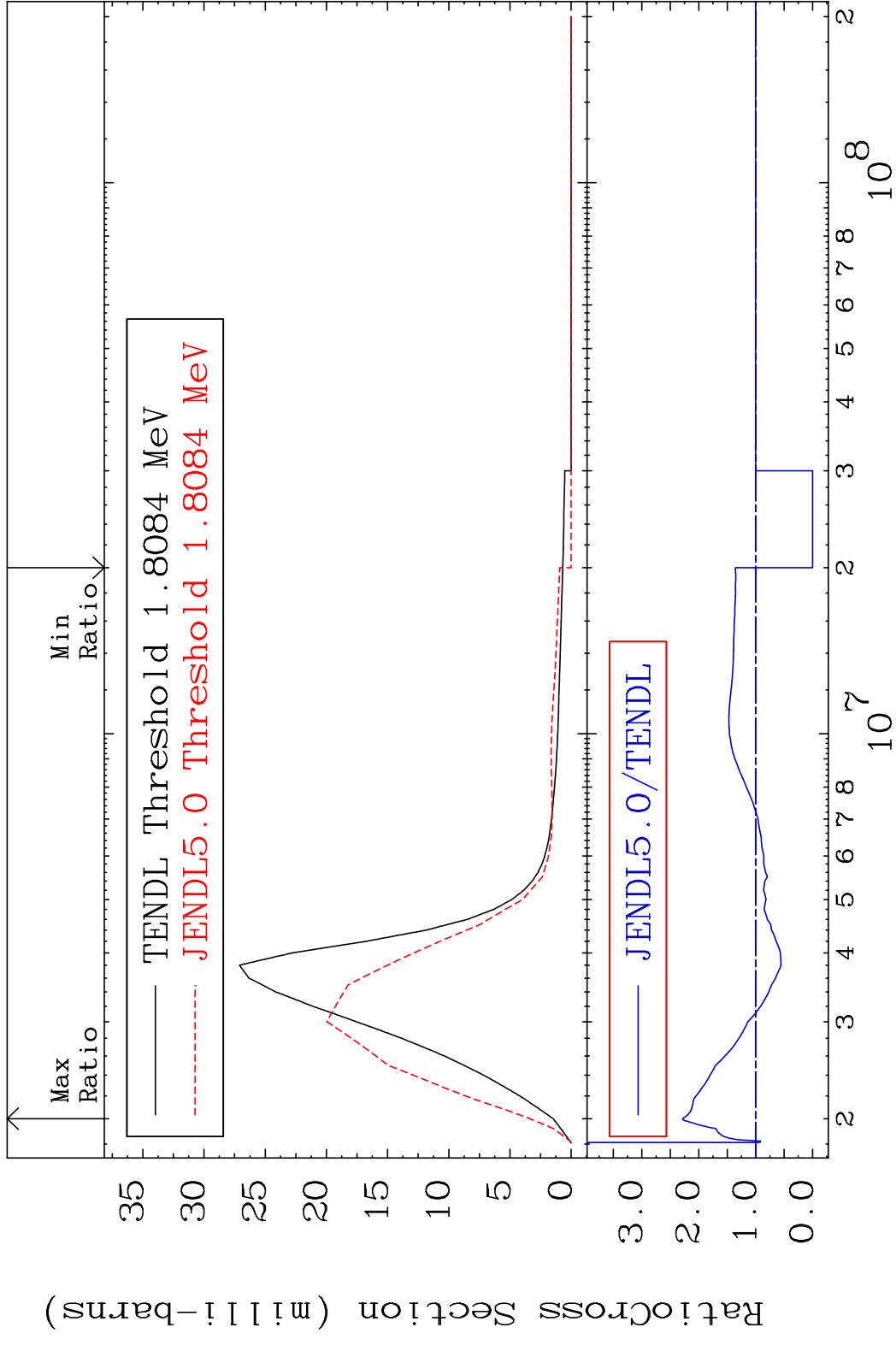
MAT 8019 MT= 54 (n, n') Level 80-Hg-194  
 Cross Section -100.0 To 9999. %



MAT 8019 MT= 55 (n, n') Level 80-Hg-194  
 Cross Section -100.0 To 9999. %



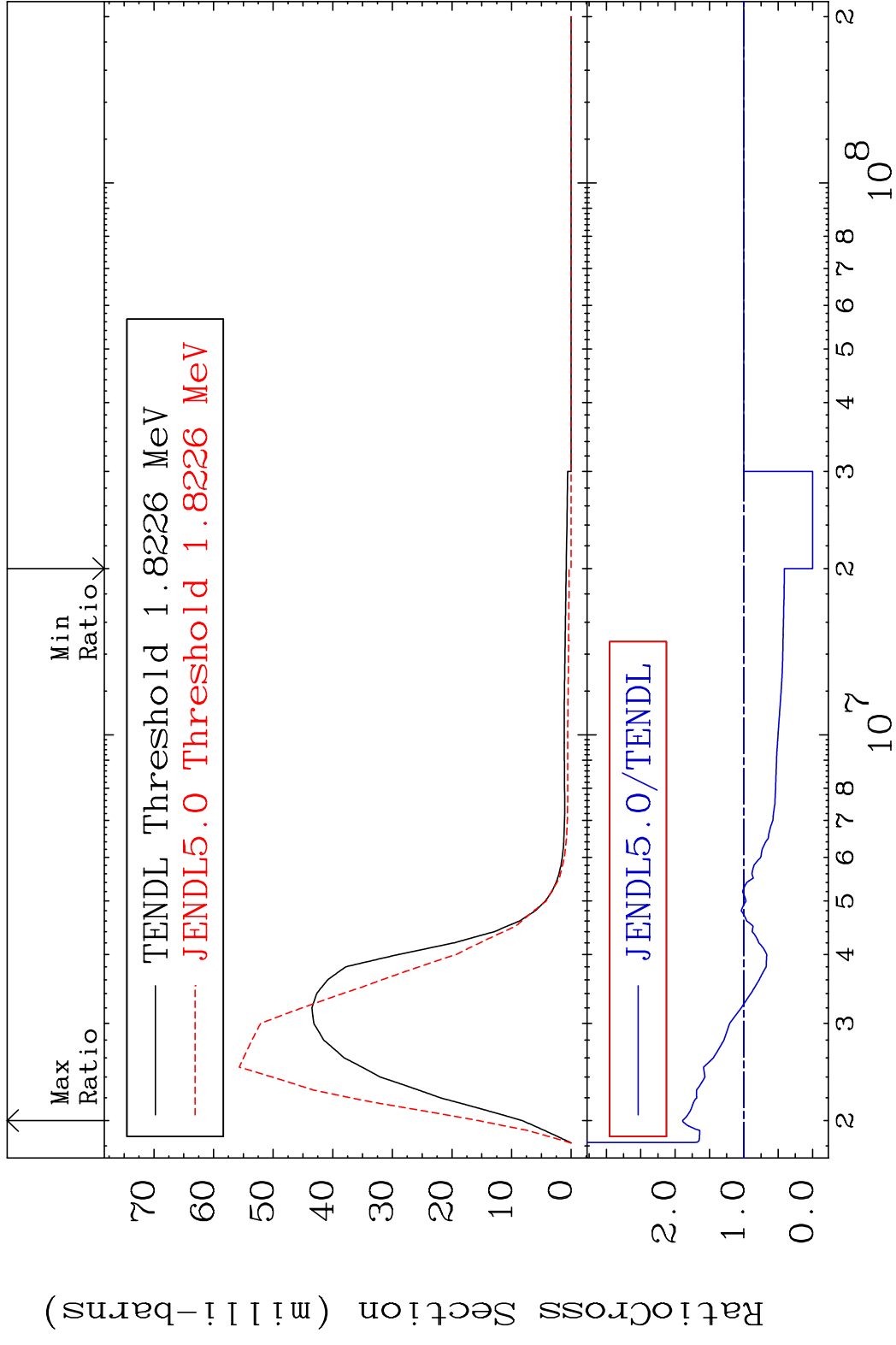
MAT 8019 MT= 56 (n, n') Level 80-Hg-194  
 Cross Section -100.0 To 128.8 %



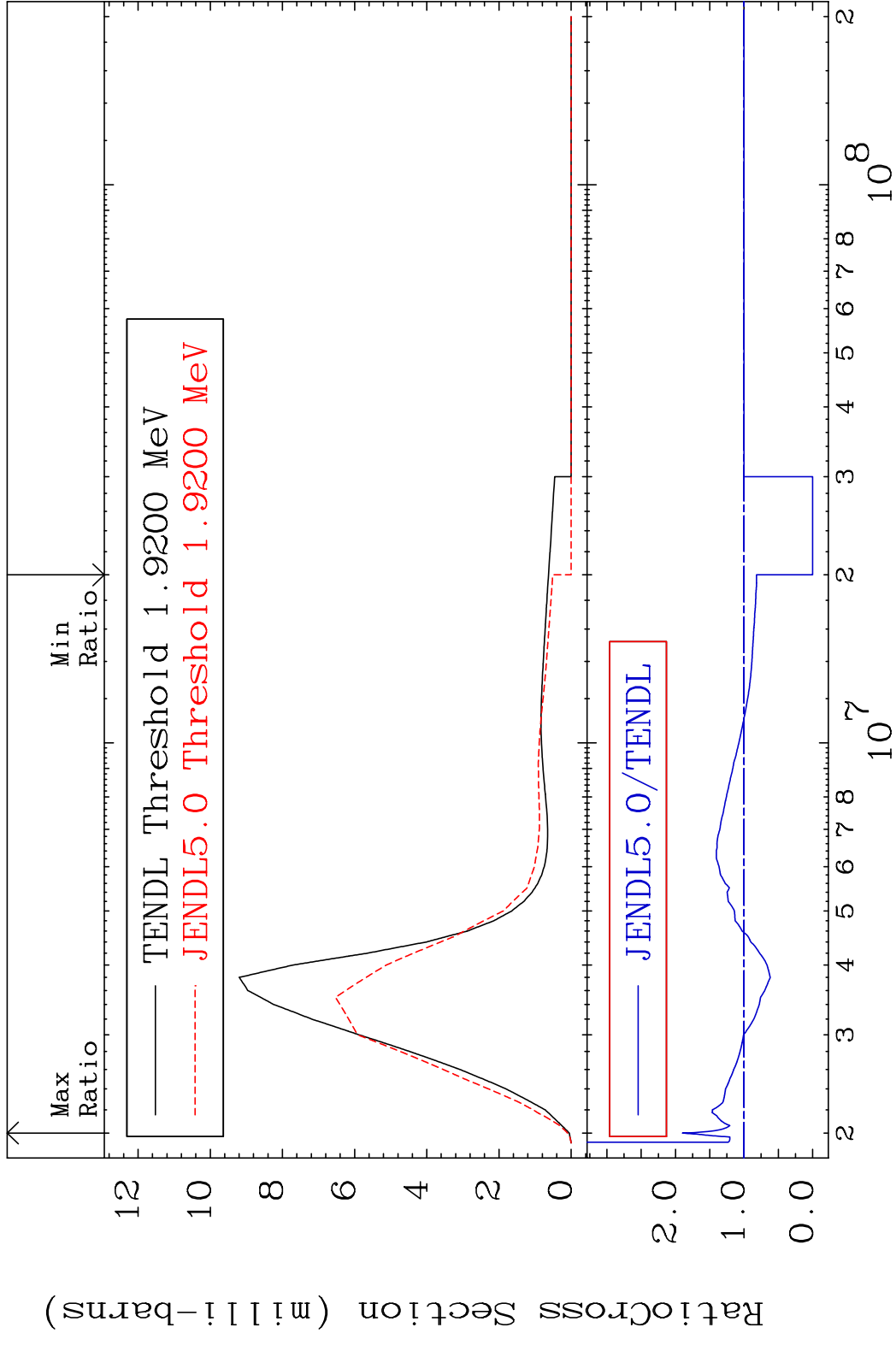
15 15 Incident Energy (eV) 80-Hg-194



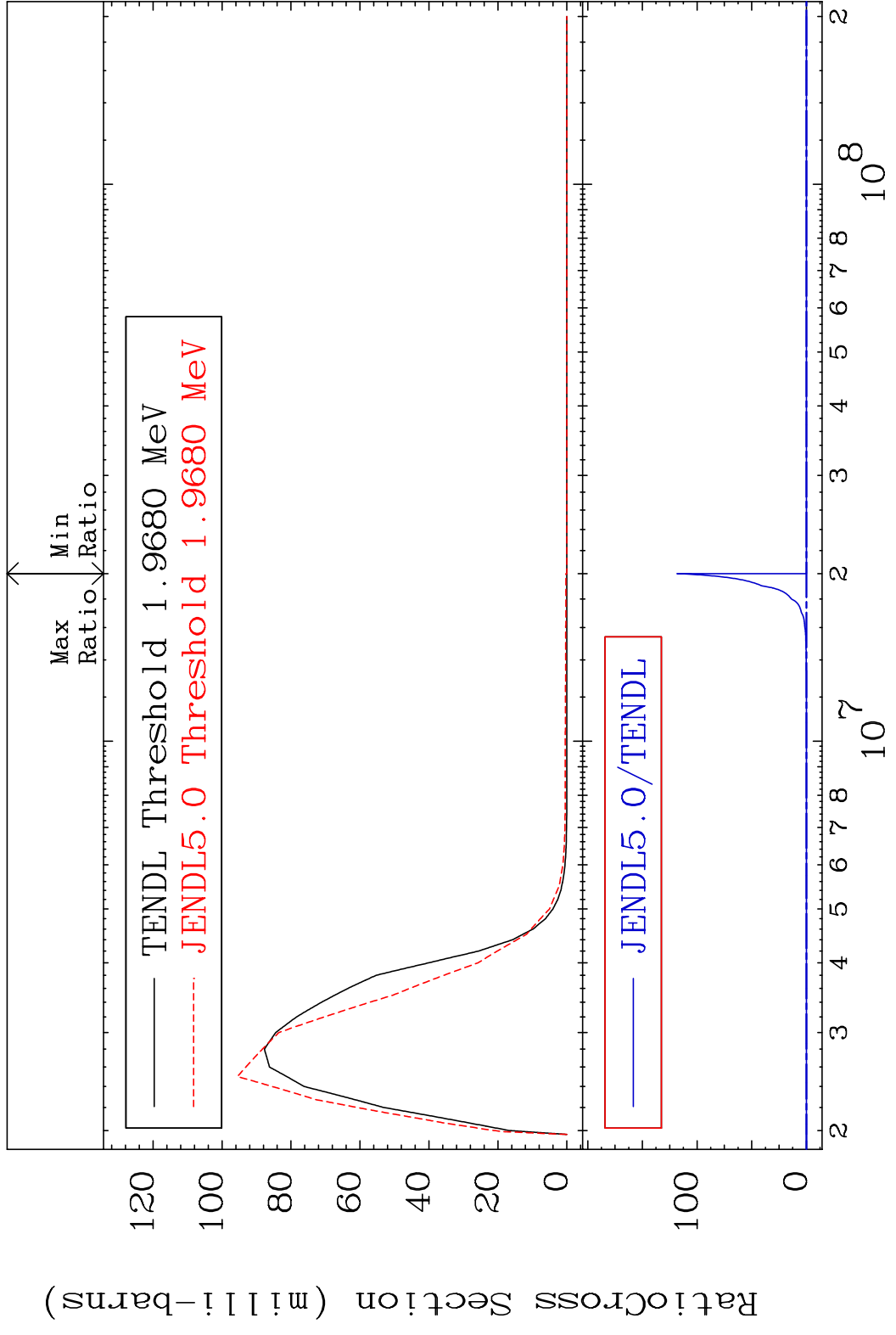
MAT 8019 MT= 57 (n, n') Level 80-Hg-194  
 Cross Section -100.0 To 89.43 %



MAT 8019 MT= 58 (n, n') Level 80-Hg-194  
 Cross Section -100.0 To 89.98 %

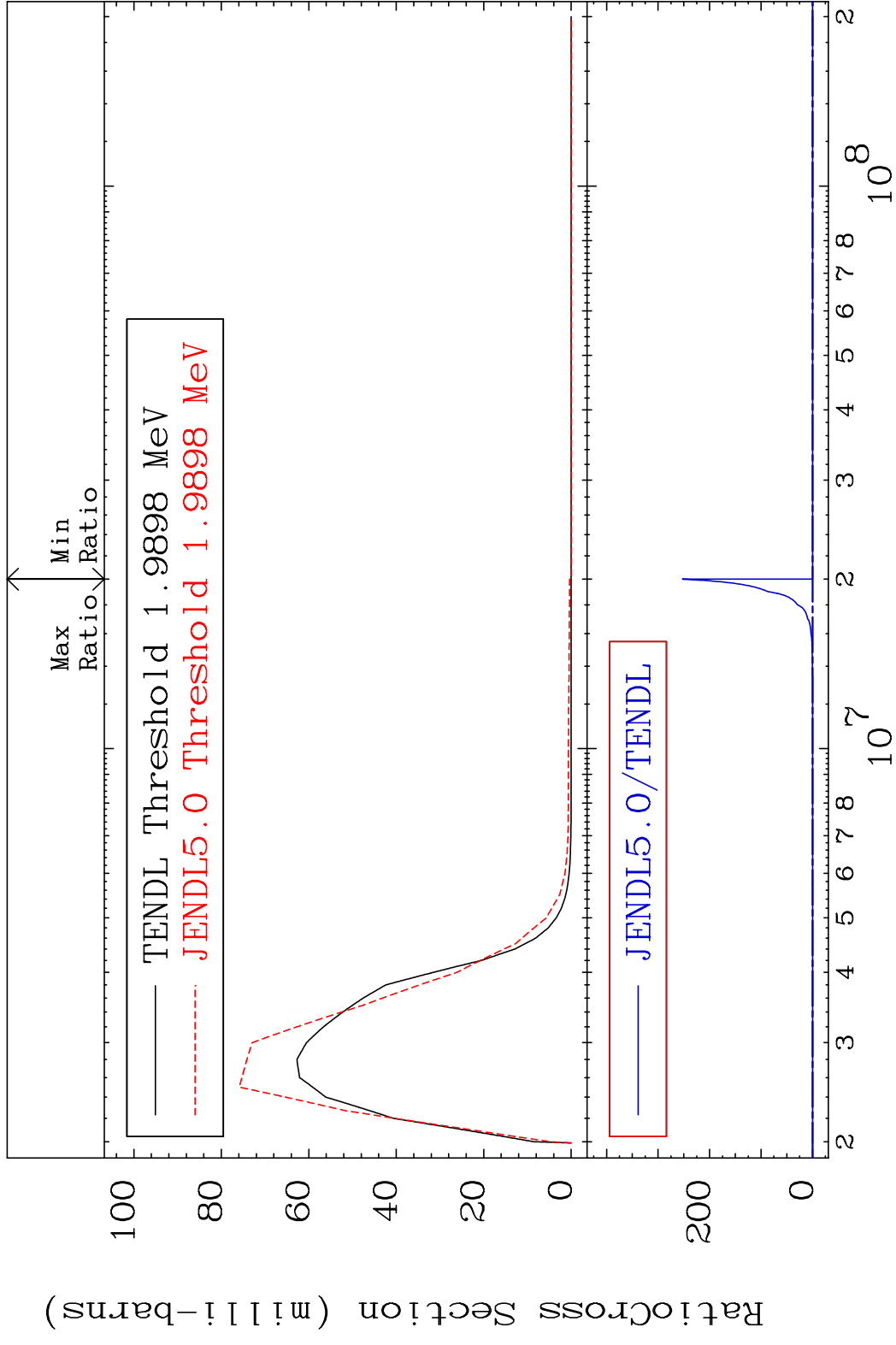


MAT 8019 MT= 59 (n, n') Level 80-Hg-194  
 Cross Section -100.0 To 9999. %



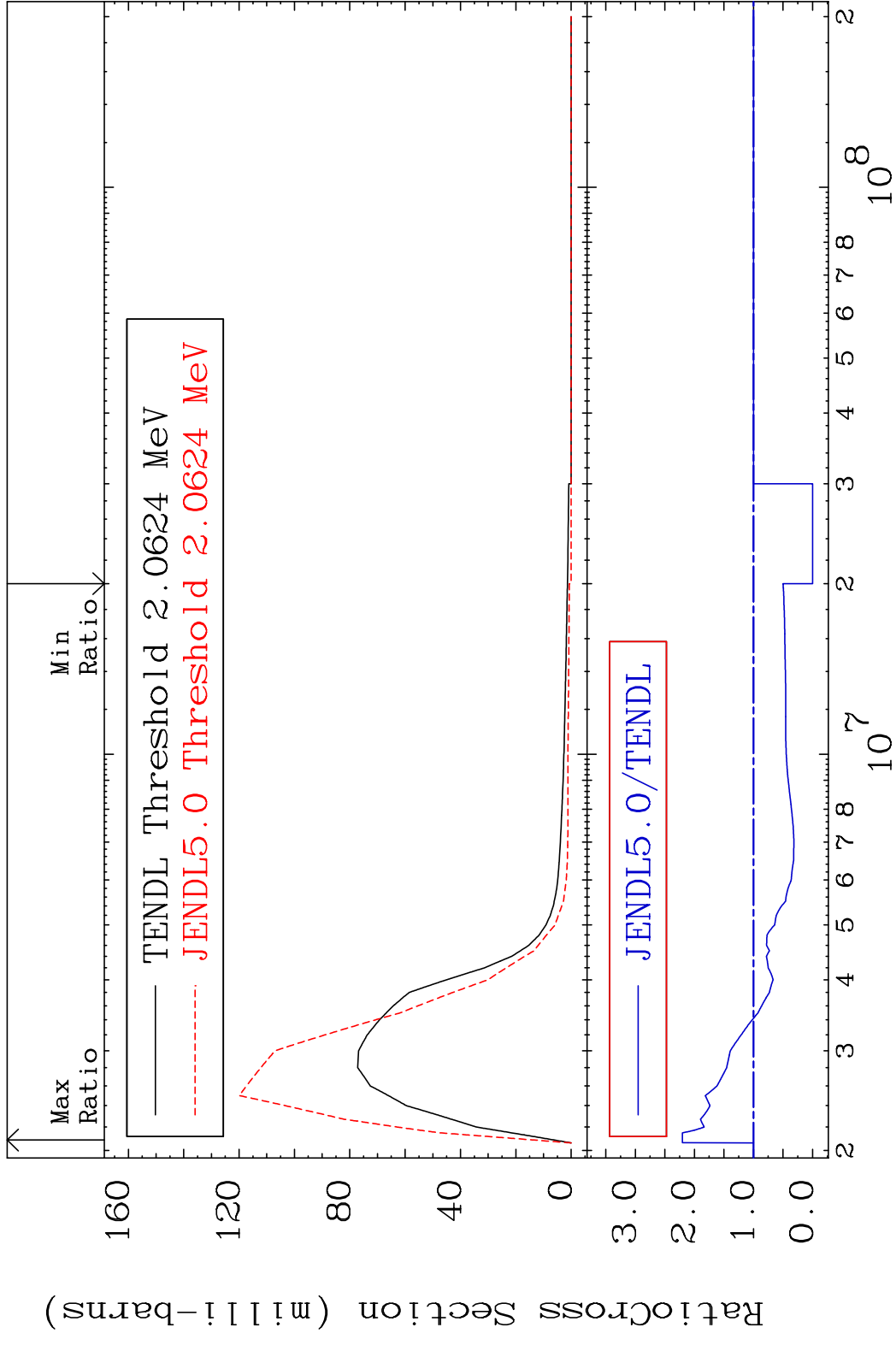
18 80-Hg-194

MAT 8019 MT= 60 (n, n') Level 80-Hg-194  
 Cross Section -100.0 To 9999. %

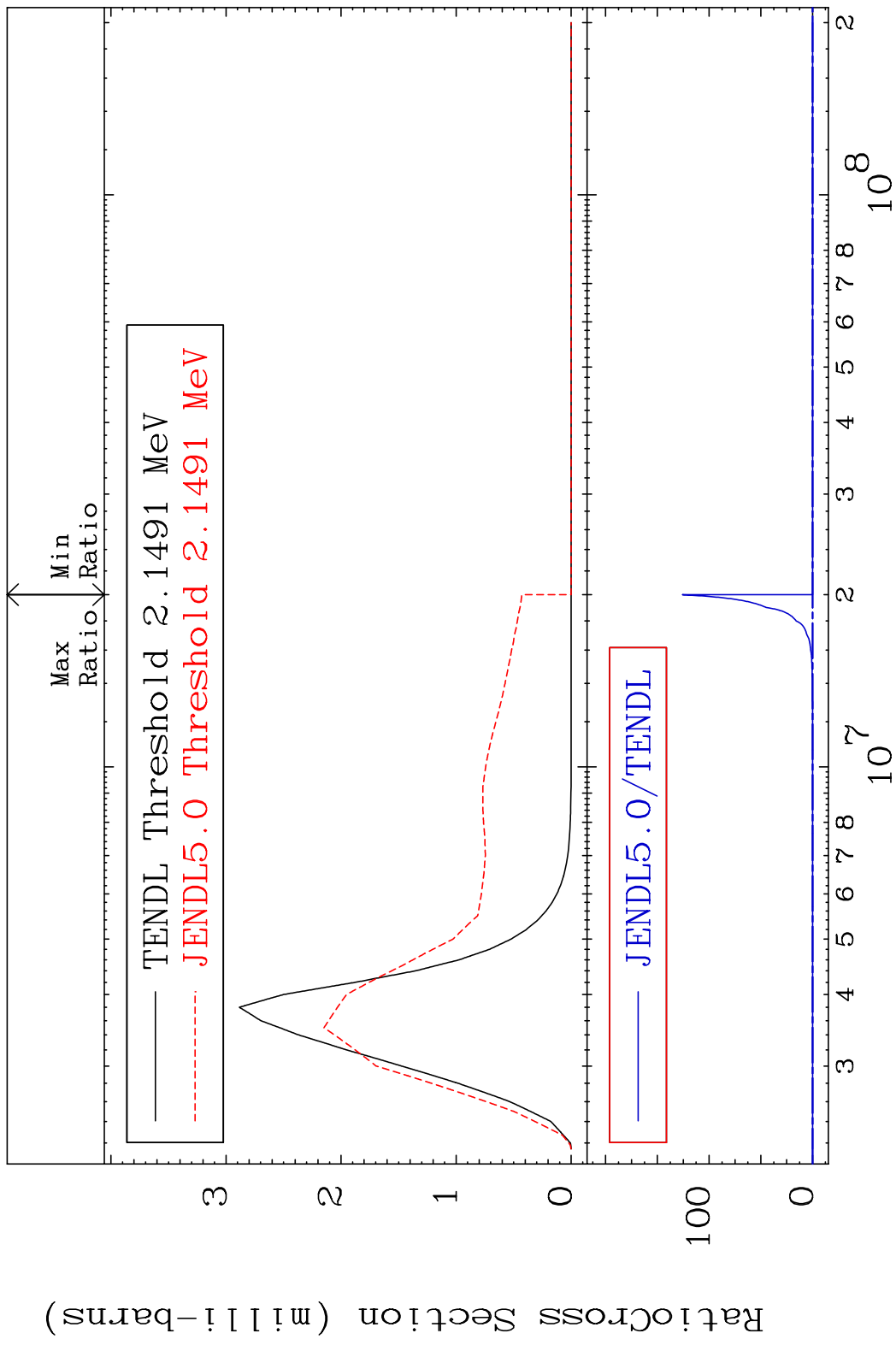


19 Incident Energy (eV) 80-Hg-194

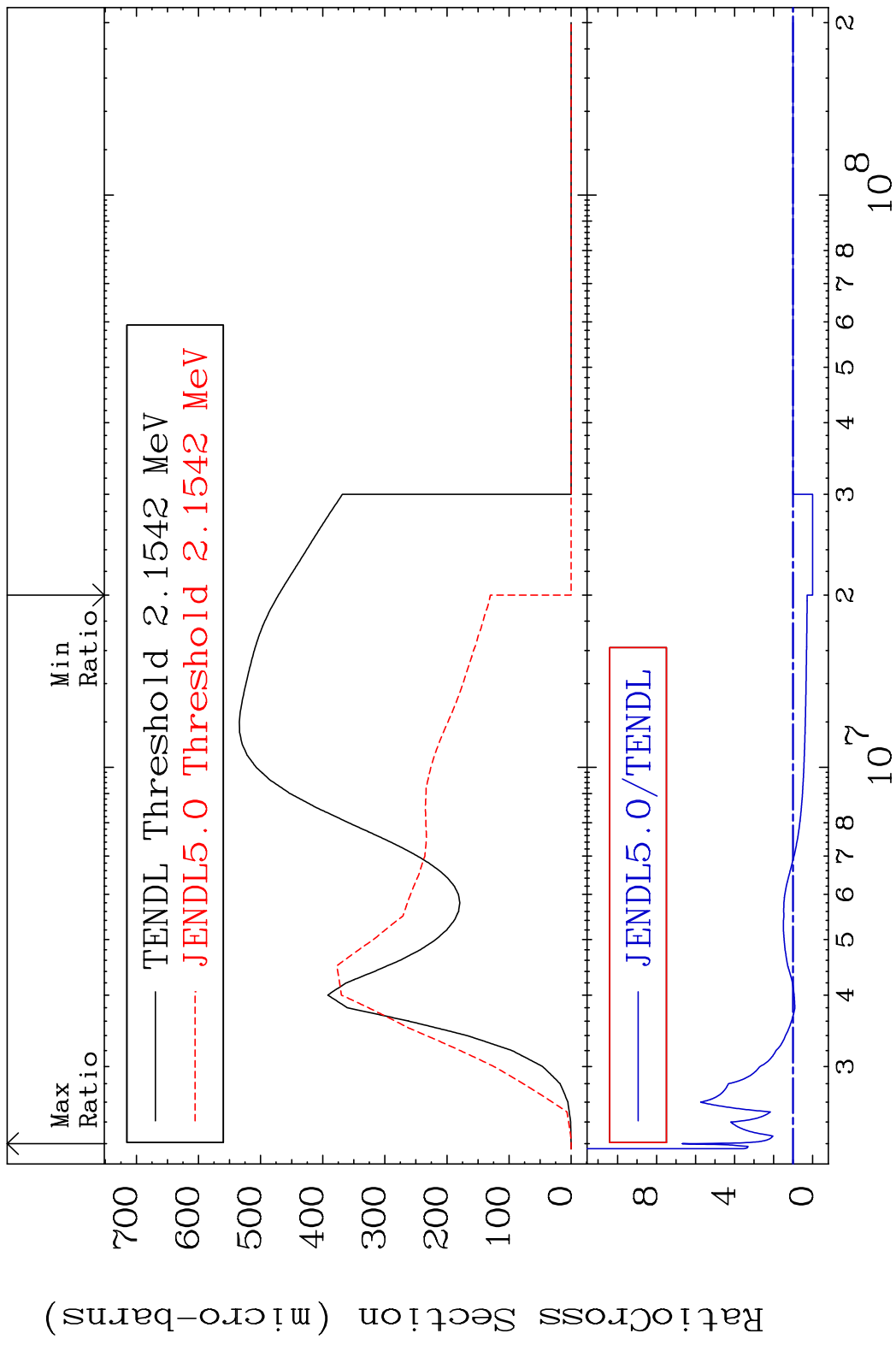
MAT 8019 MT= 61 (n, n') Level 80-Hg-194  
 Cross Section -100.0 To 120.4 %



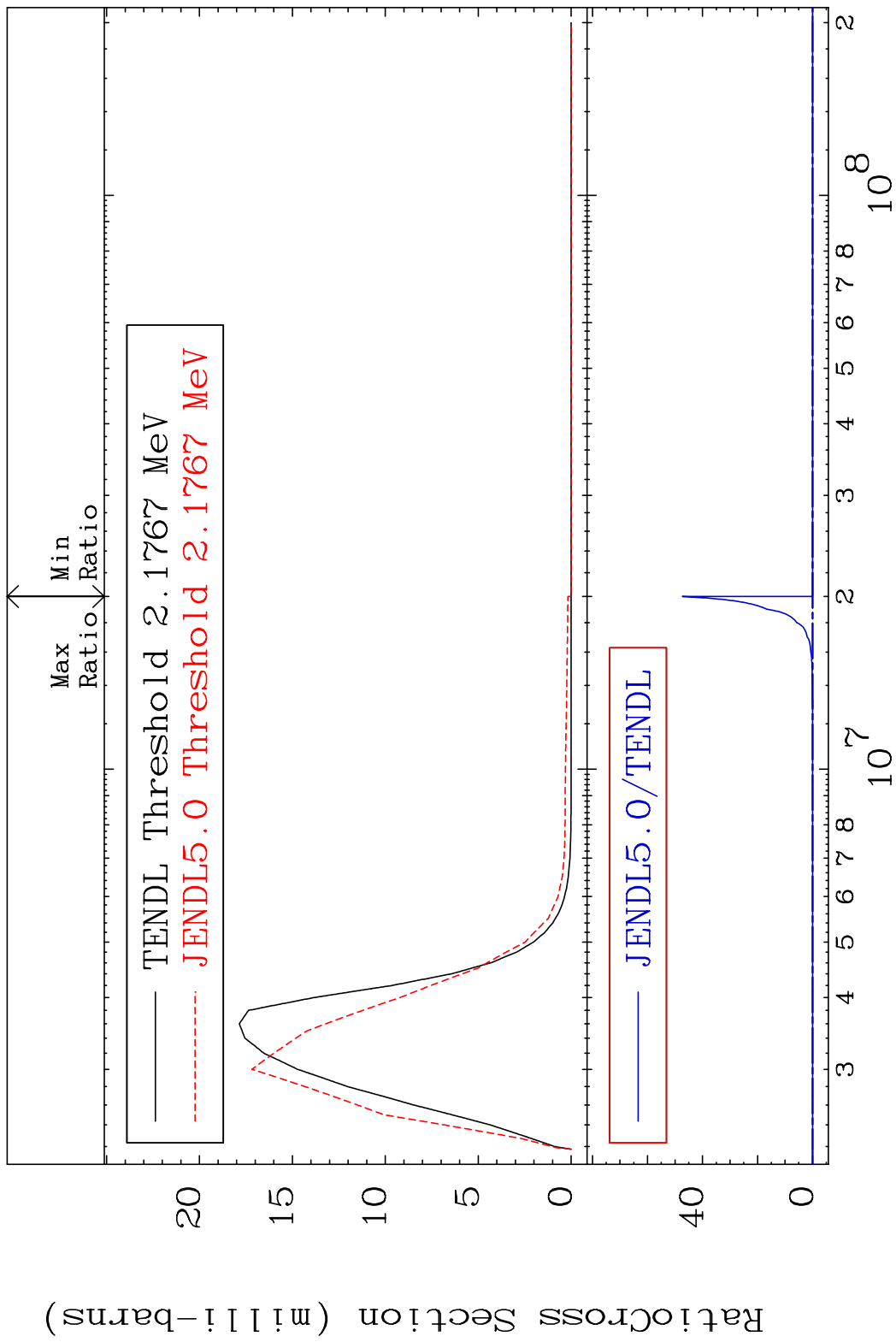
MAT 8019 MT= 62 (n, n') Level 80-Hg-194  
 Cross Section -100.0 To 9999. %



MAT 8019 MT= 63 (n, n') Level 80-Hg-194  
 Cross Section -100.0 To 567.7 %

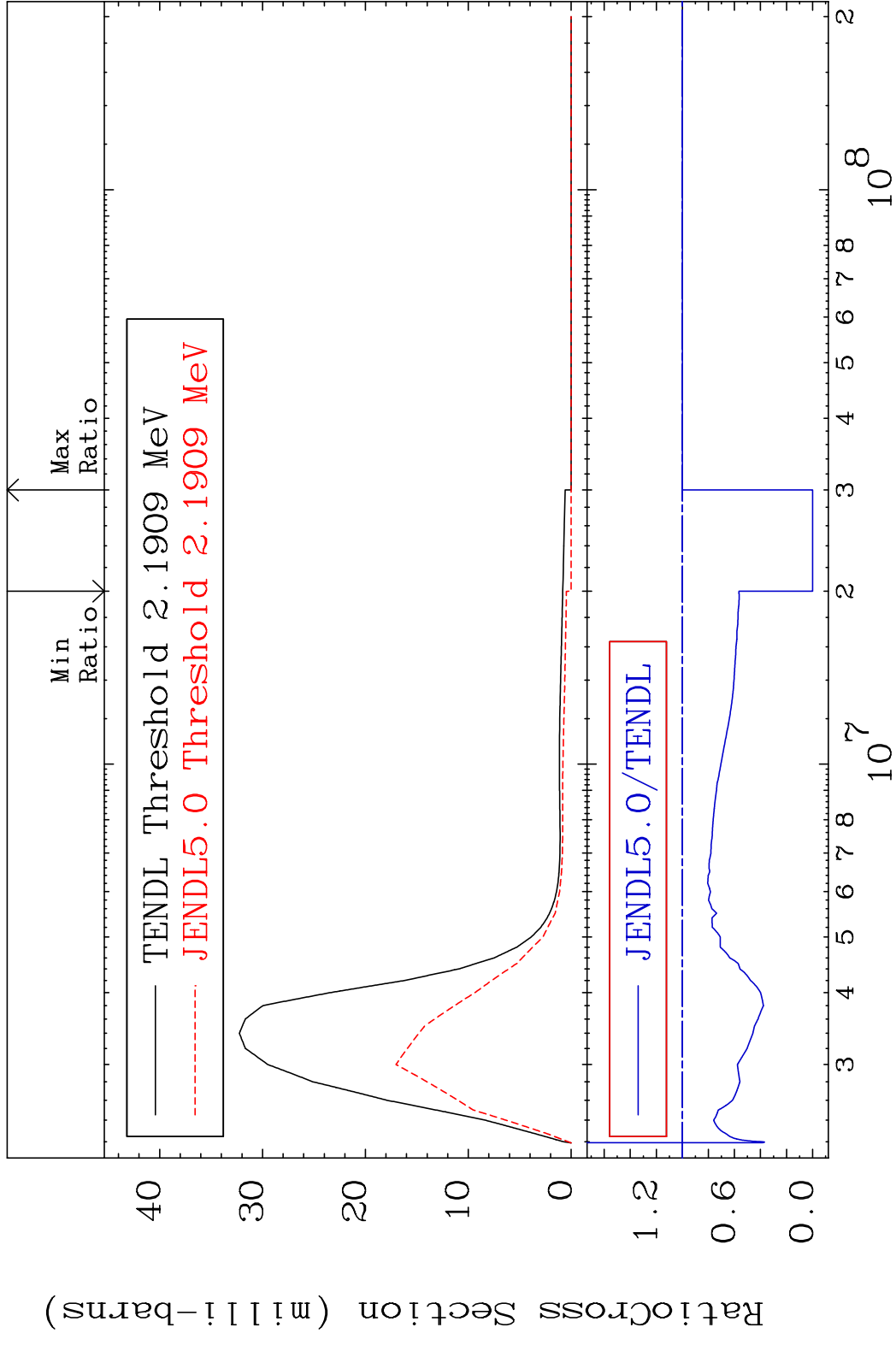


MAT 8019 MT= 64 (n, n') Level 80-Hg-194  
 Cross Section -100.0 To 9999. %

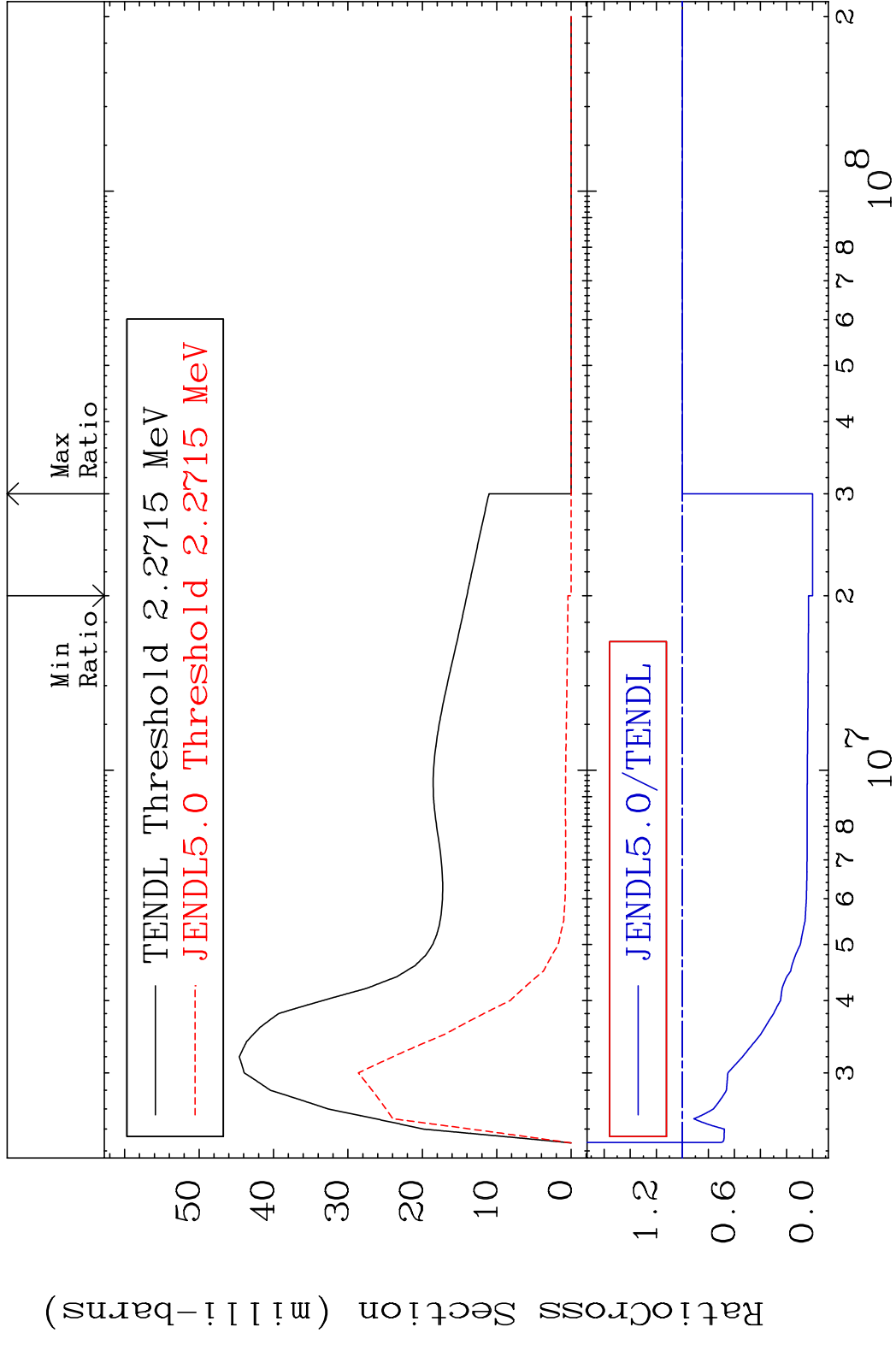


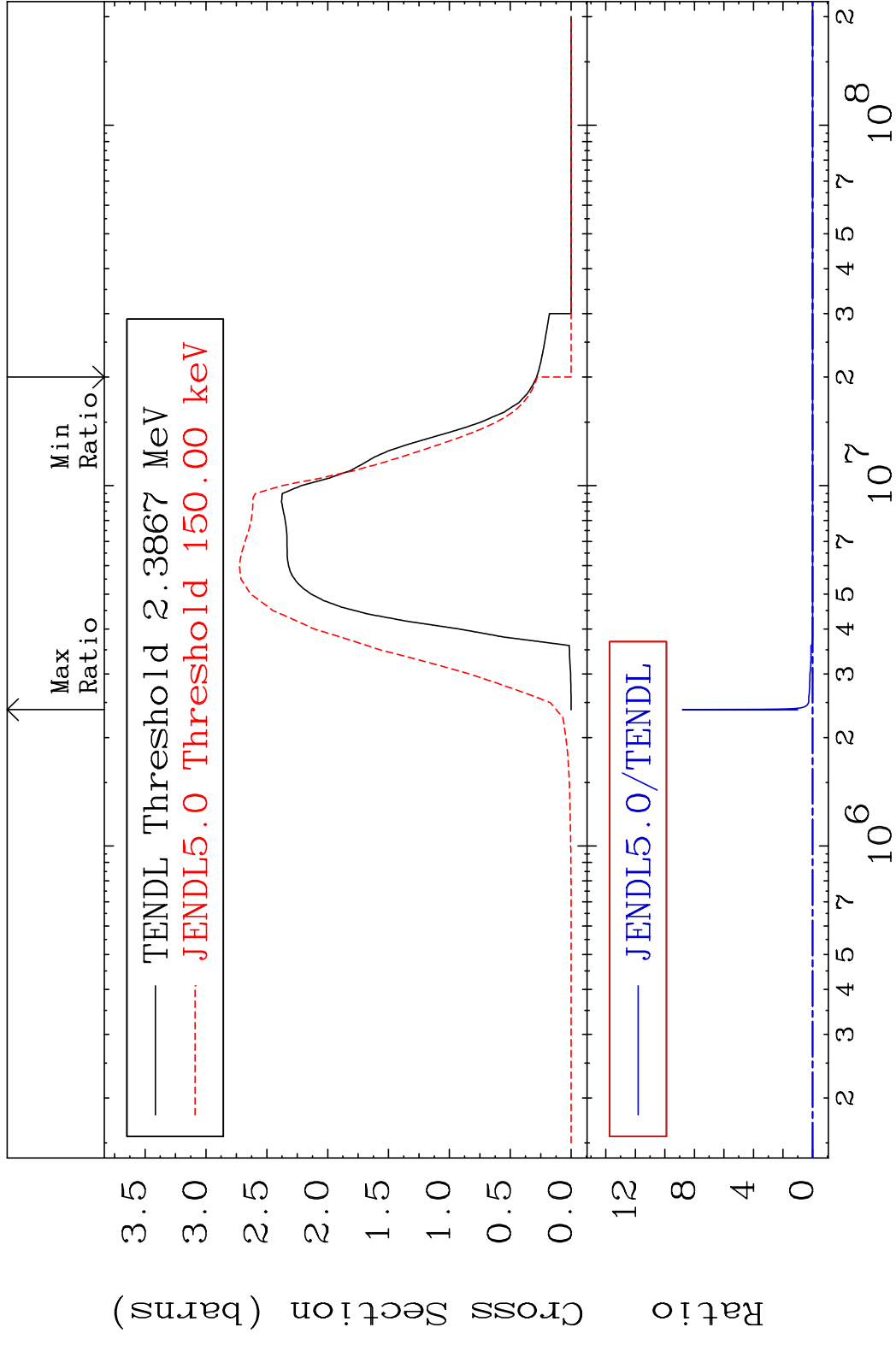


MAT 8019 MT= 65 (n, n') Level 80-Hg-194  
 Cross Section -100.0 To 0.000 %



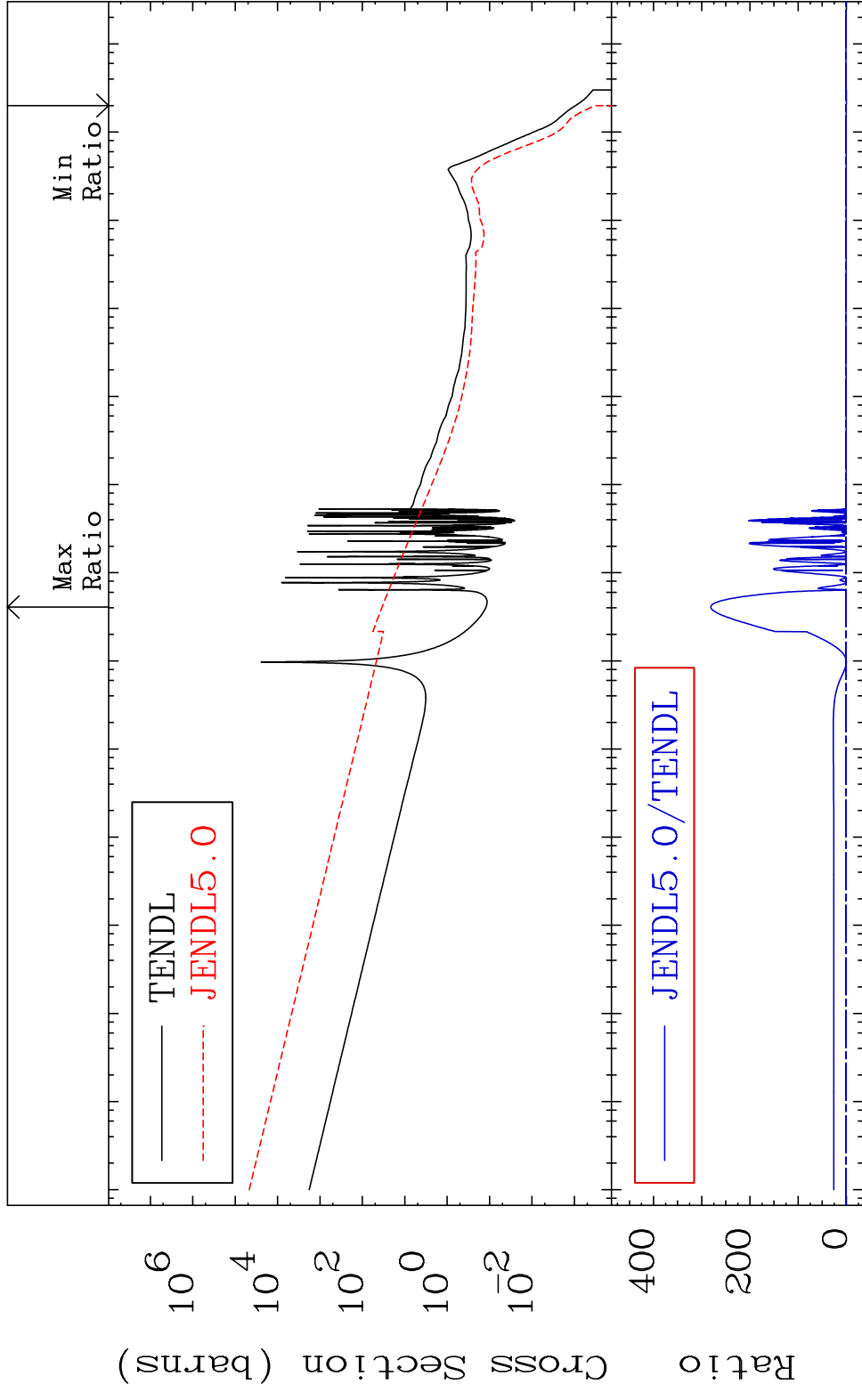
MAT 8019 MT= 66 (n, n') Level 80-Hg-194  
 Cross Section -100.0 To 0.000 %





MAT 8019

(n,  $\gamma$ )  
Cross Section -100.0 To 9999. %  
80-Hg-194



27

Incident Energy (eV)

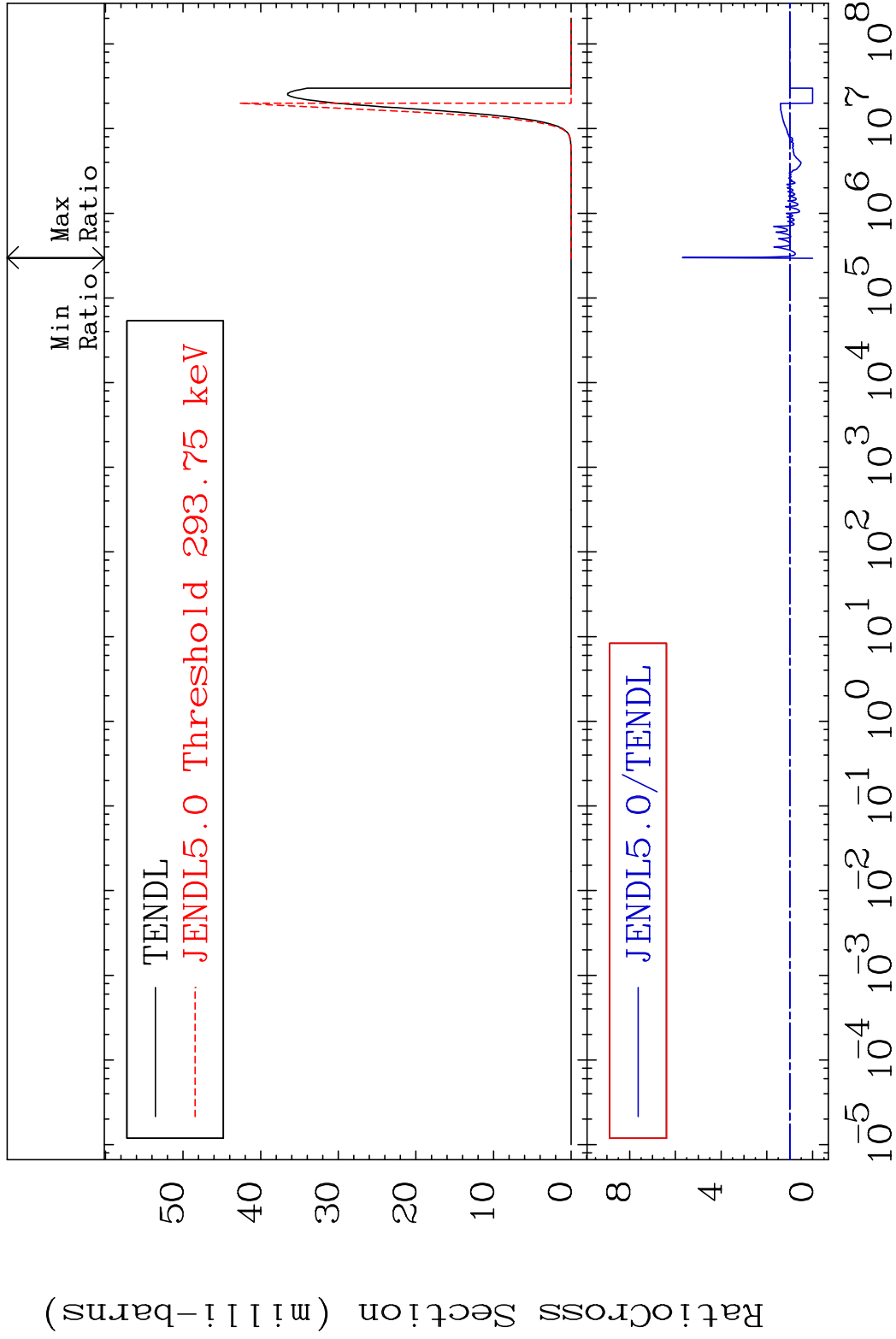
80-Hg-194

MAT 8019

(n, p)

80-Hg-194

Cross Section -100.0 To 469.6 %



28

Incident Energy (eV)

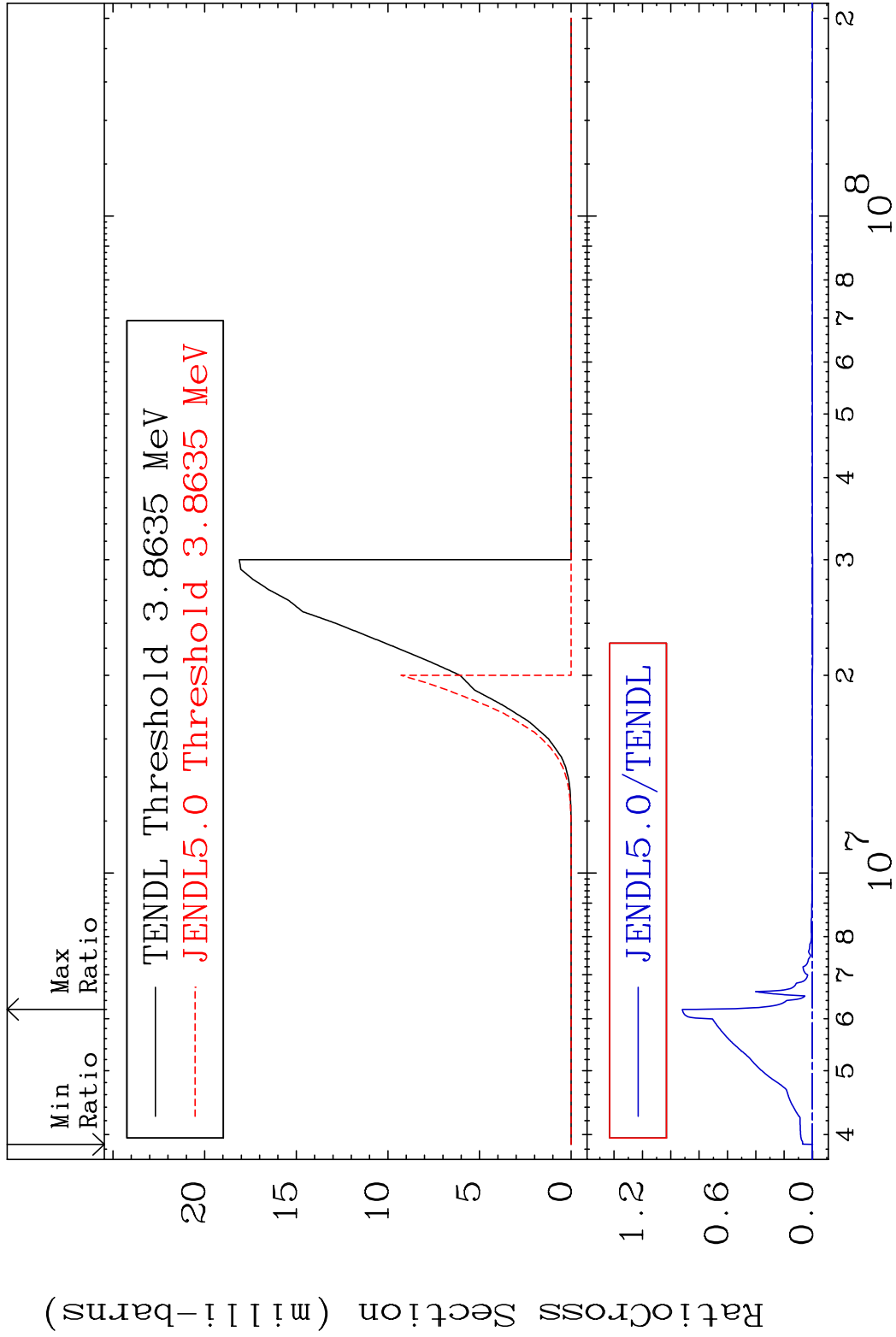
80-Hg-194

MAT 8019

(n,d)

80-Hg-194

Cross Section -100.0 To 9999. %

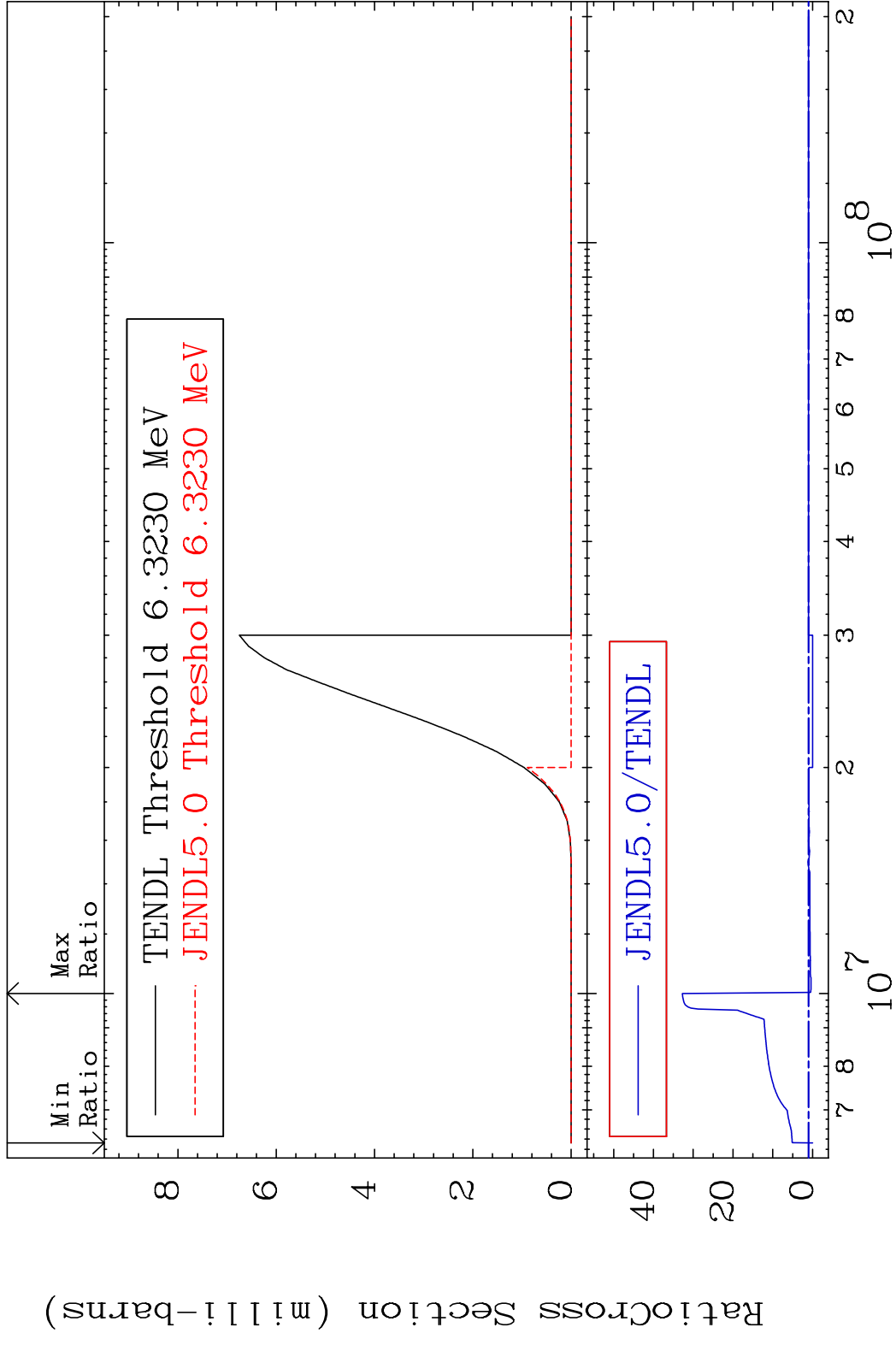


29

Incident Energy (eV)

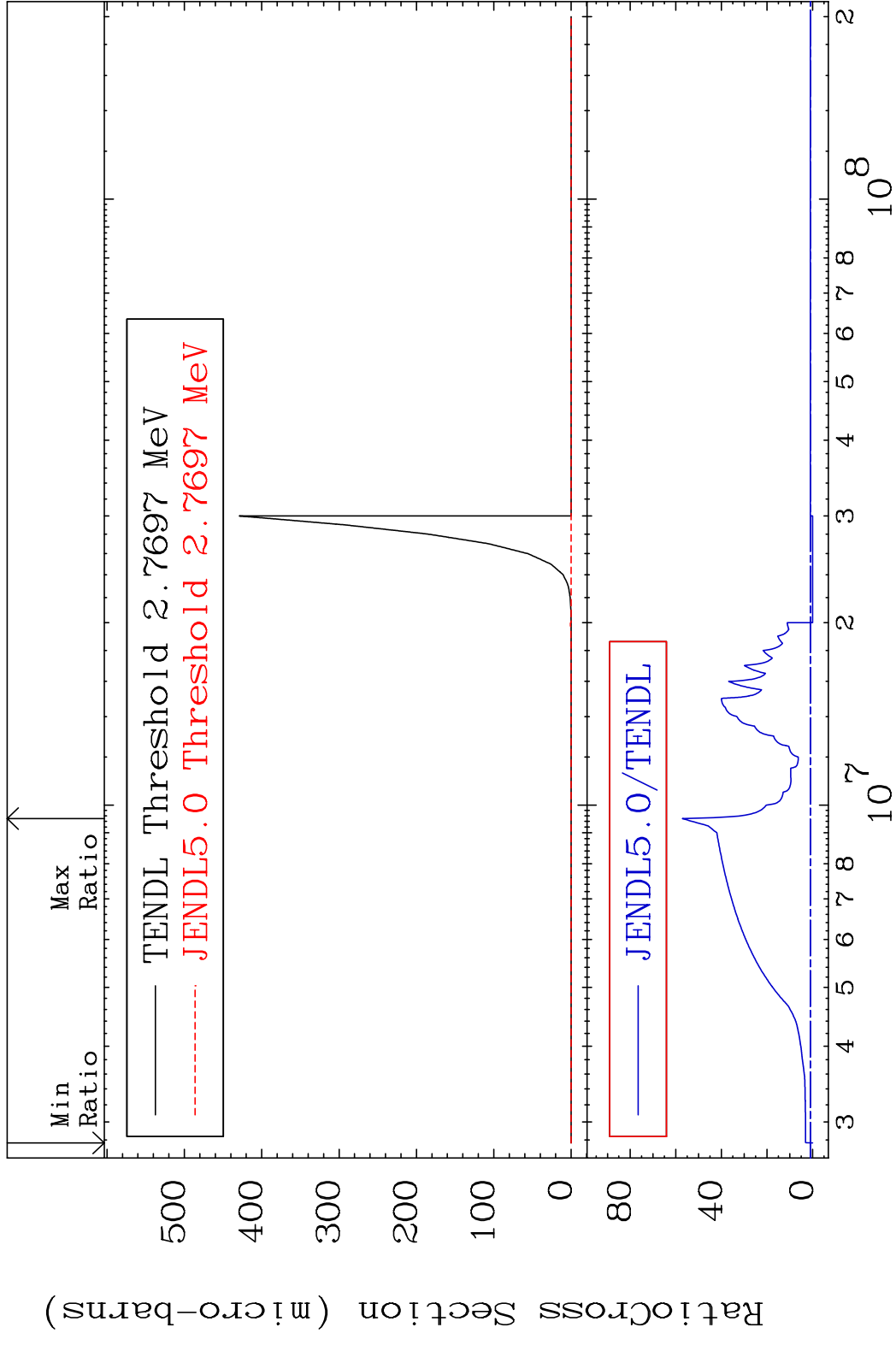
80-Hg-194

MAT 8019 (n, t) 80-Hg-194  
 Cross Section -100.0 To 3173. %



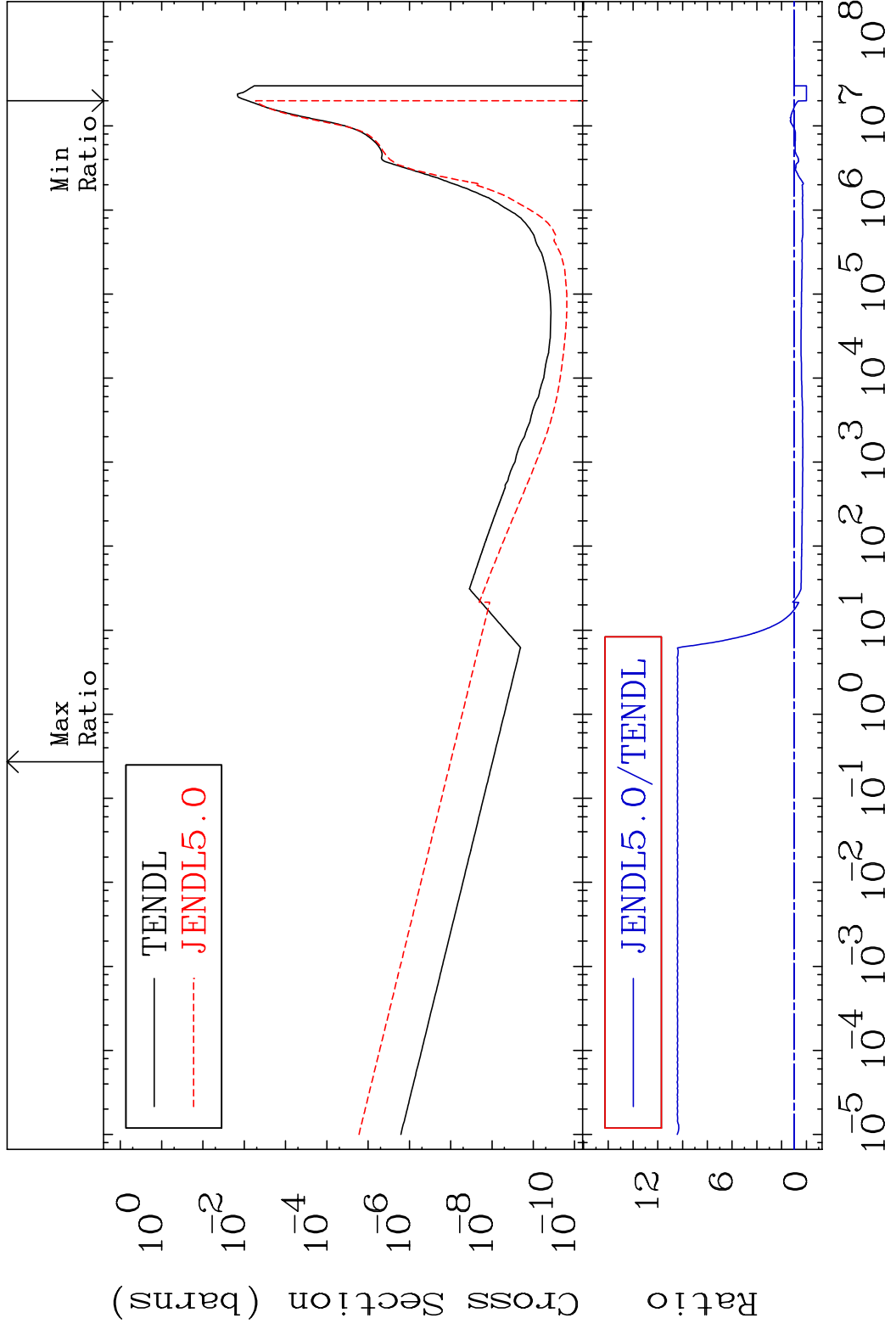
30 Incident Energy (eV) 80-Hg-194

MAT 8019 (n, He-3) 80-Hg-194  
 Cross Section -100.0 To 5614. %





MAT 8019  $(n, \alpha)$  Cross Section  $-100.0$  To  $943.4$  %  $80\text{-Hg-194}$



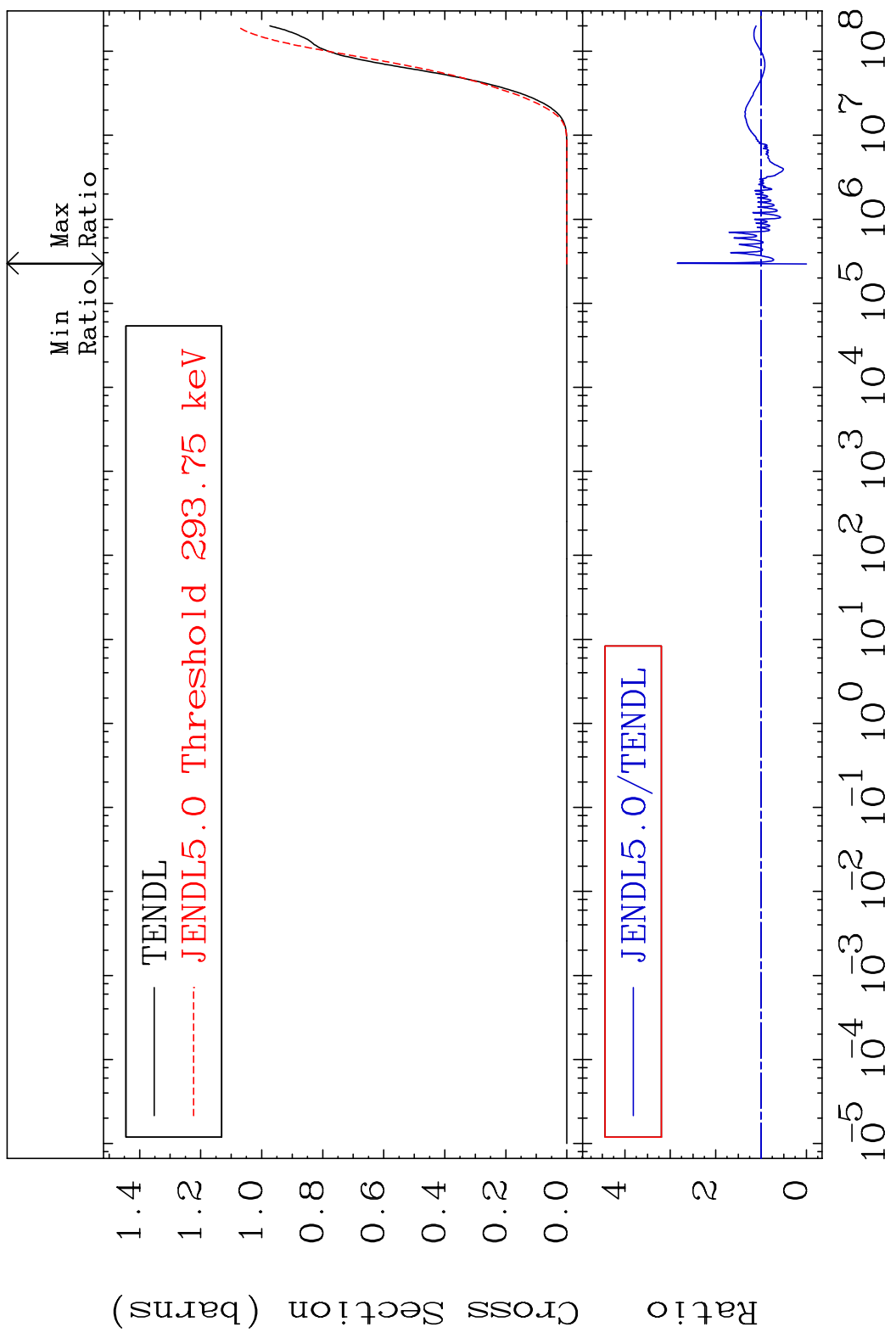
32 Incident Energy (eV)  $80\text{-Hg-194}$

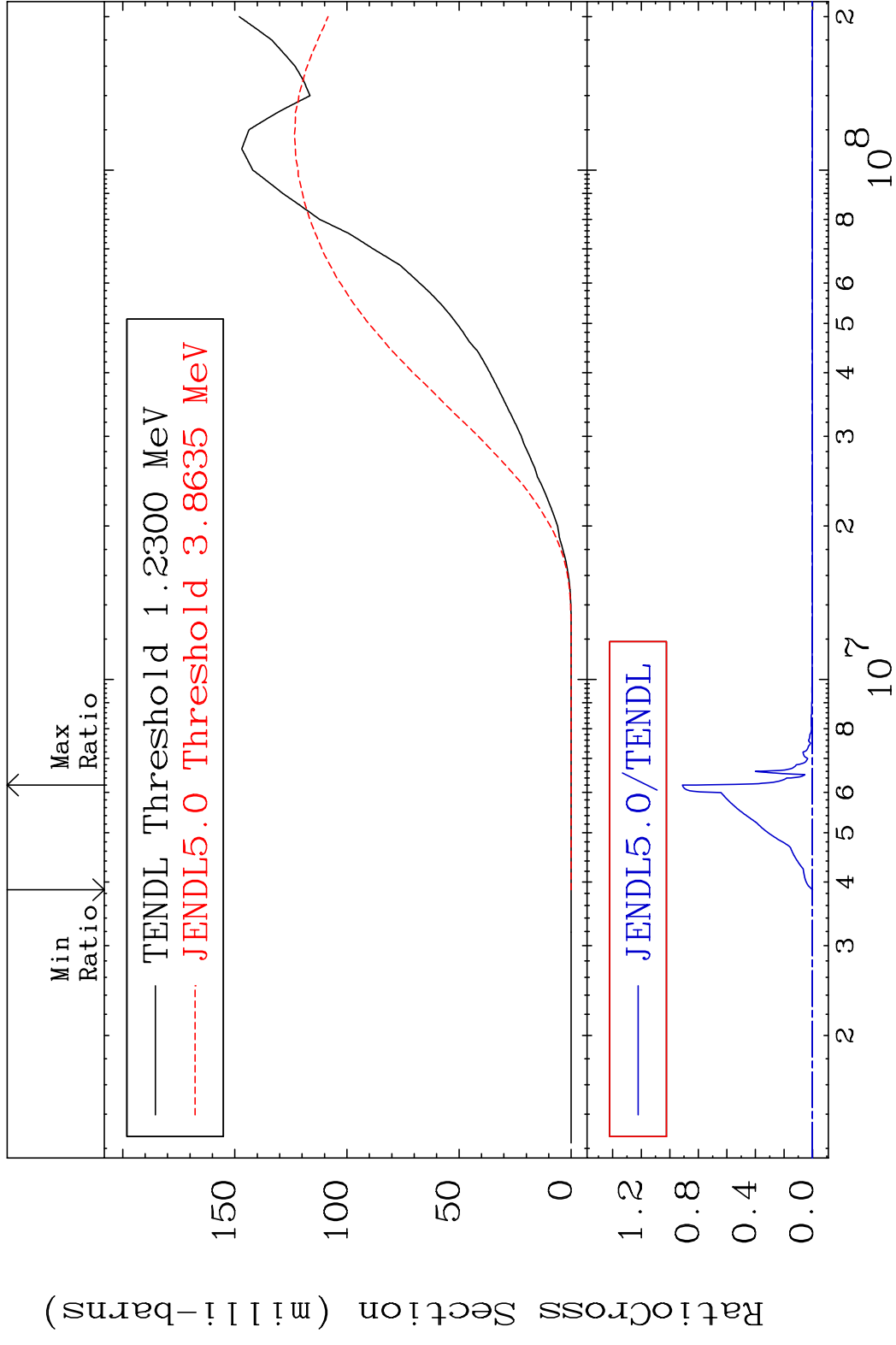
MAT 8019

Hydrogen Production

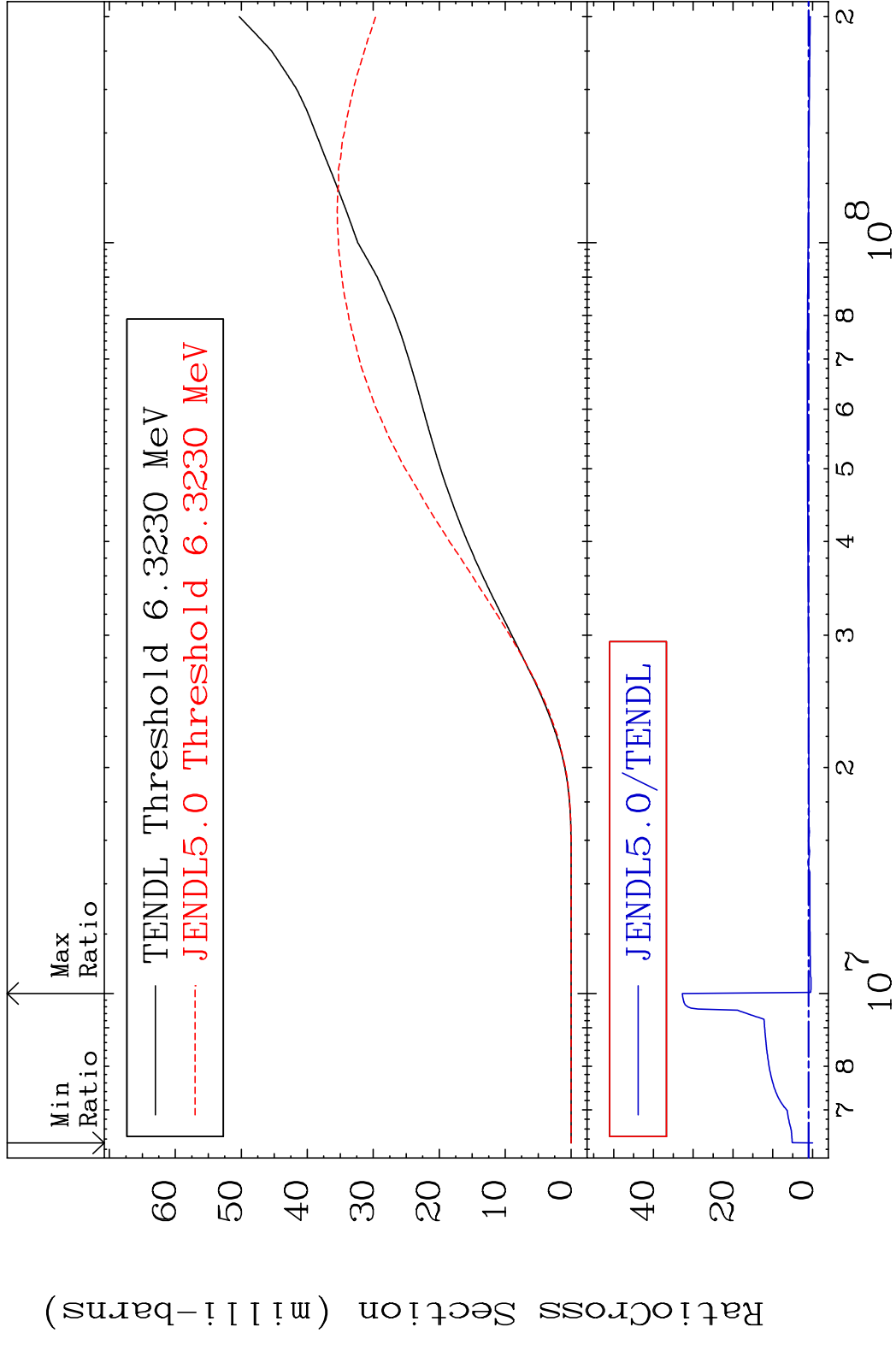
80-Hg-194

Cross Section -100.0 To 184.8 %

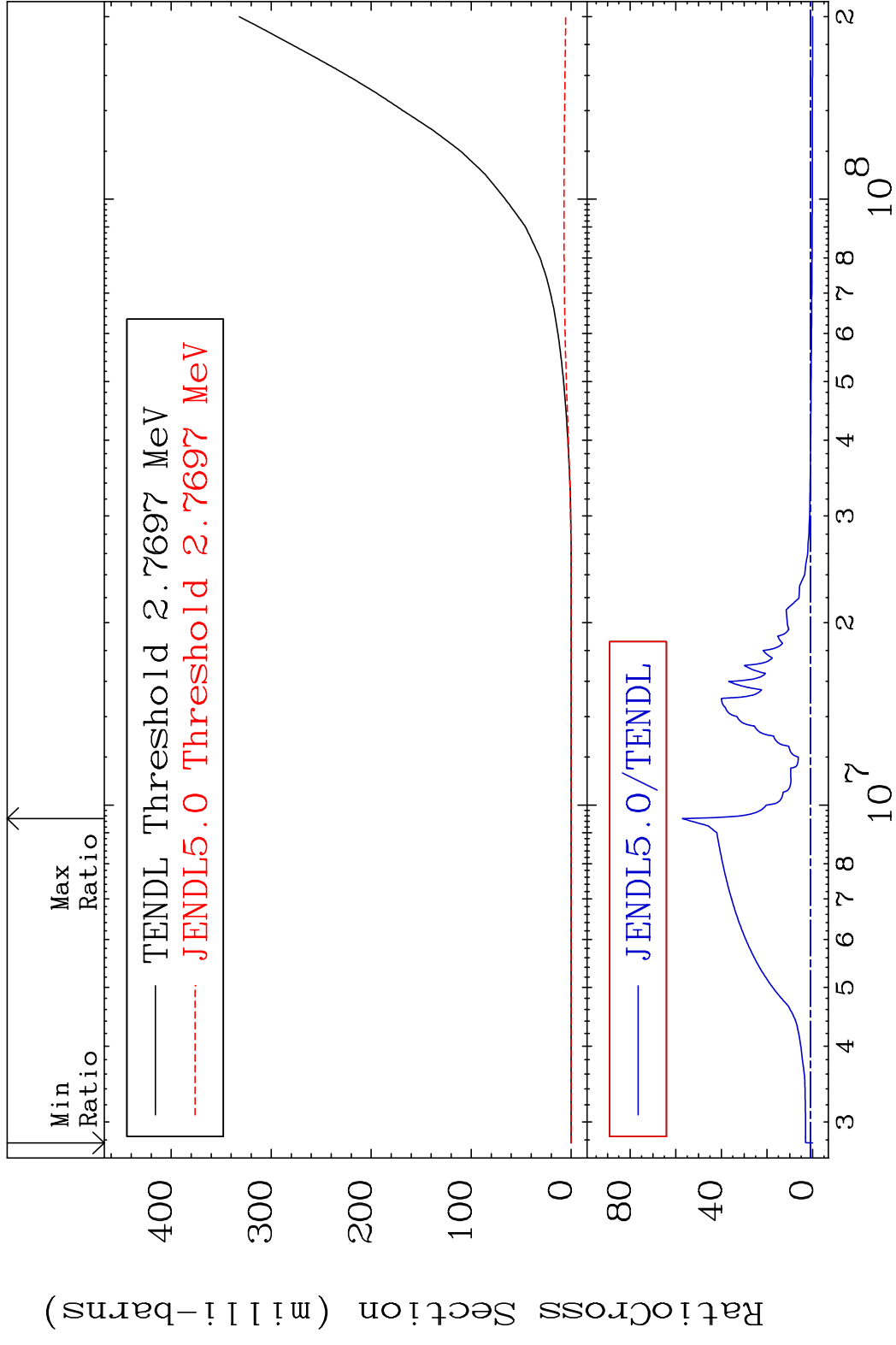




MAT 8019 Tritium Production 80-Hg-194  
 Cross Section -100.0 To 3173. %



MAT 8019 He-3 Production 80-Hg-194  
 Cross Section -100.0 To 5614. %

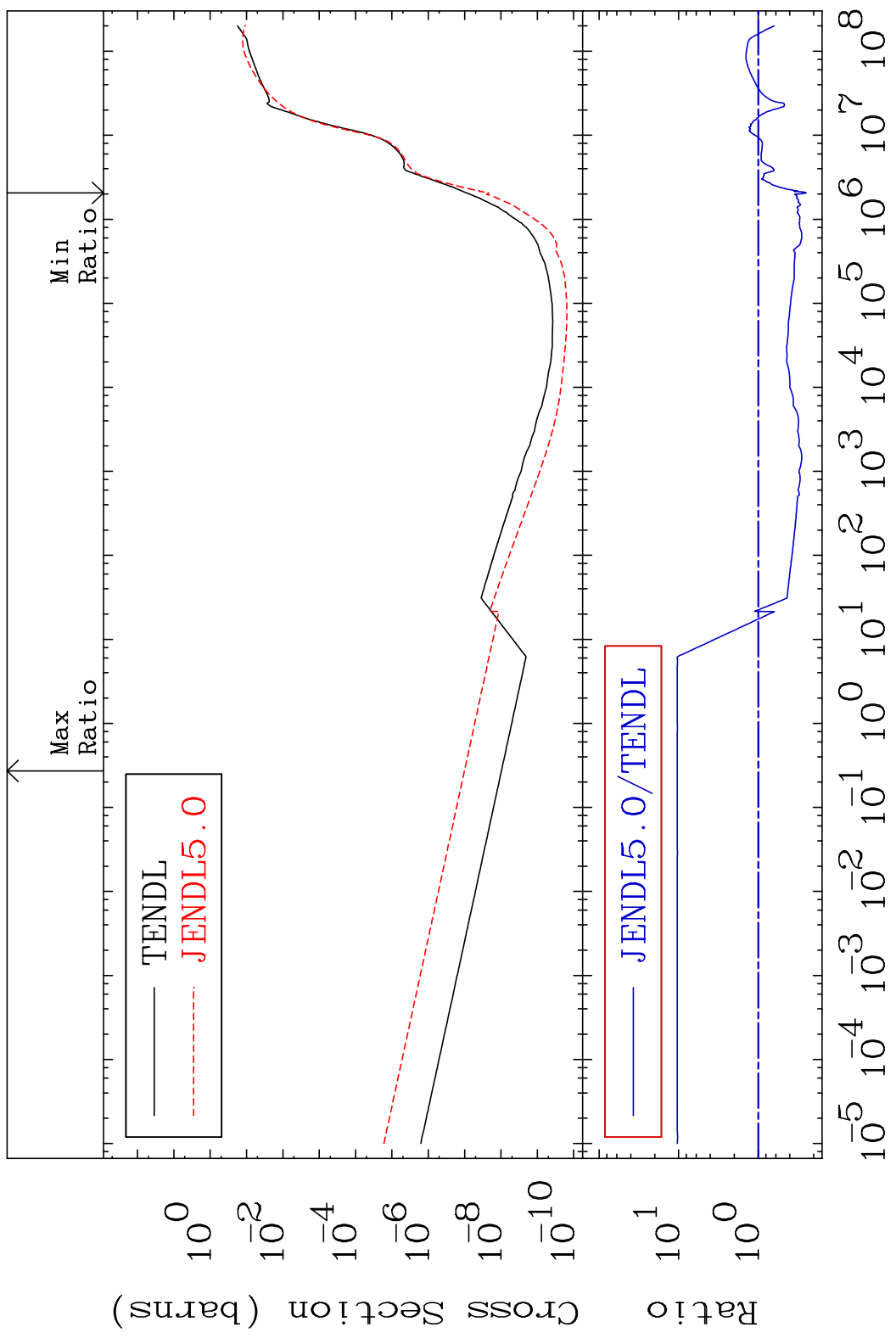


MAT 8019

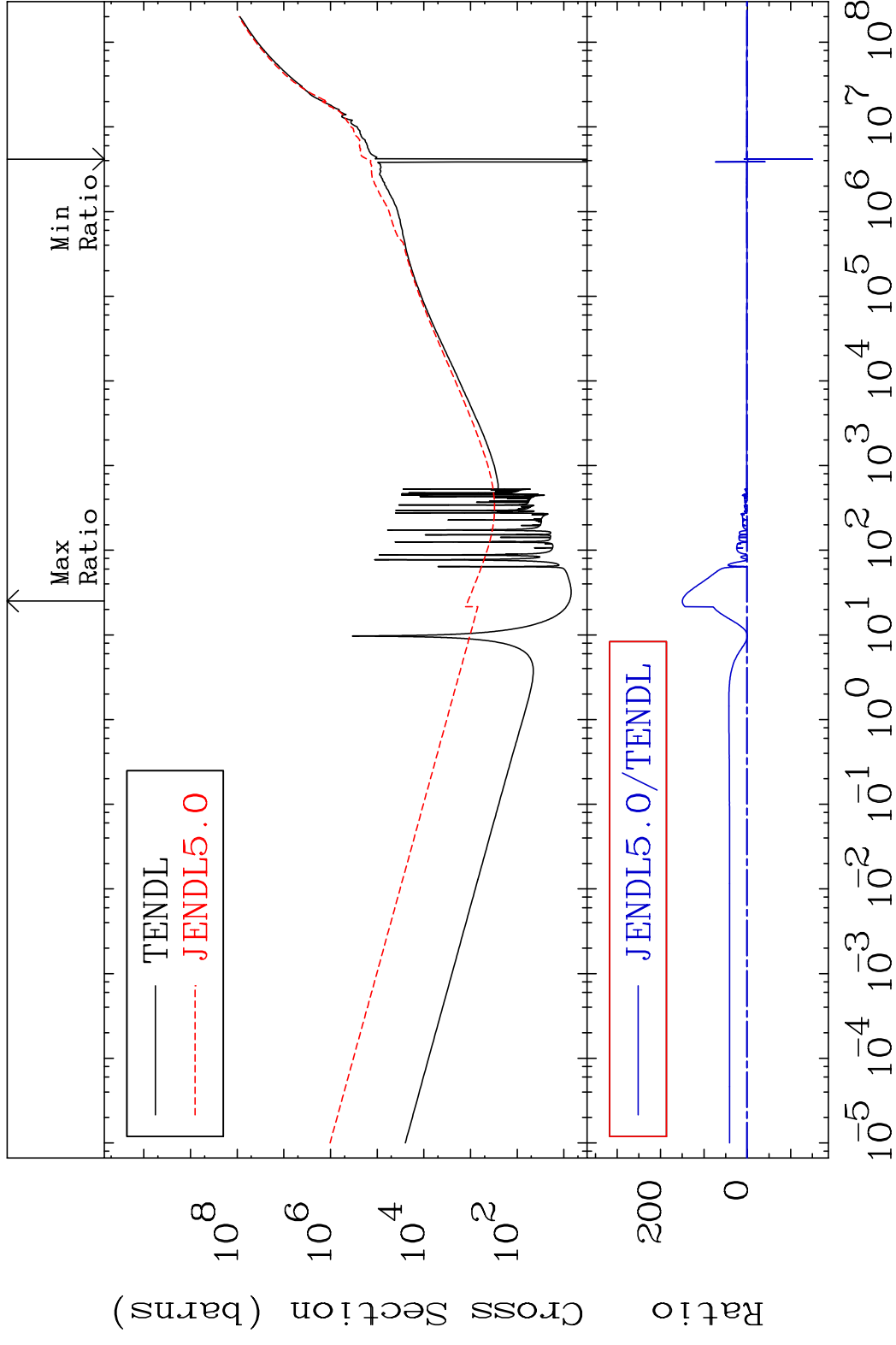
He-4 Production

80-Hg-194

Cross Section -75.28 To 943.4 %

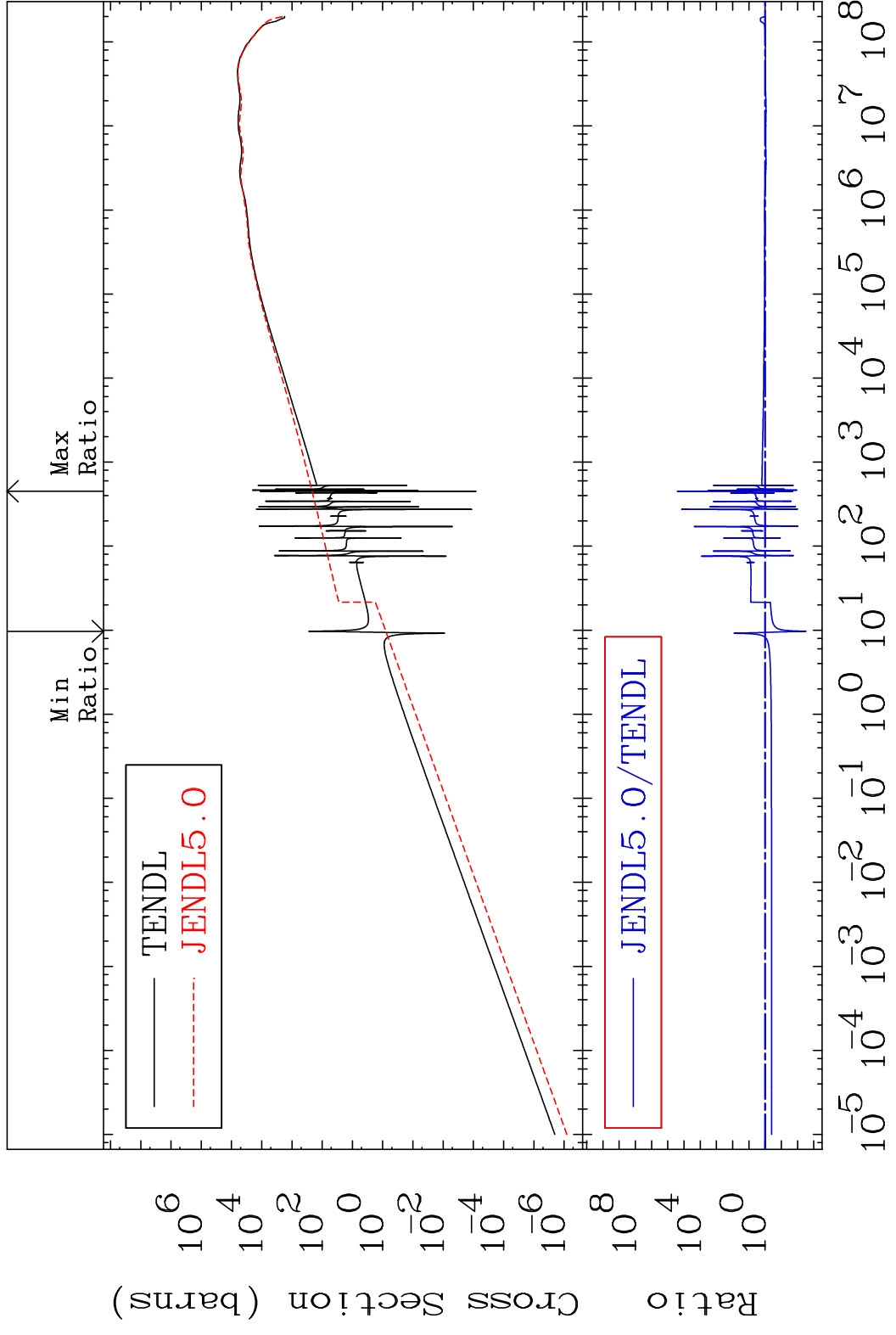


MAT 8019 Kerma total (eV-barns) 80-Hg-194  
 Cross Section -9999. To 9999. %



MAT 8019

Kerma elastic Cross Section -99.72 To 9999. %  
80-Hg-194

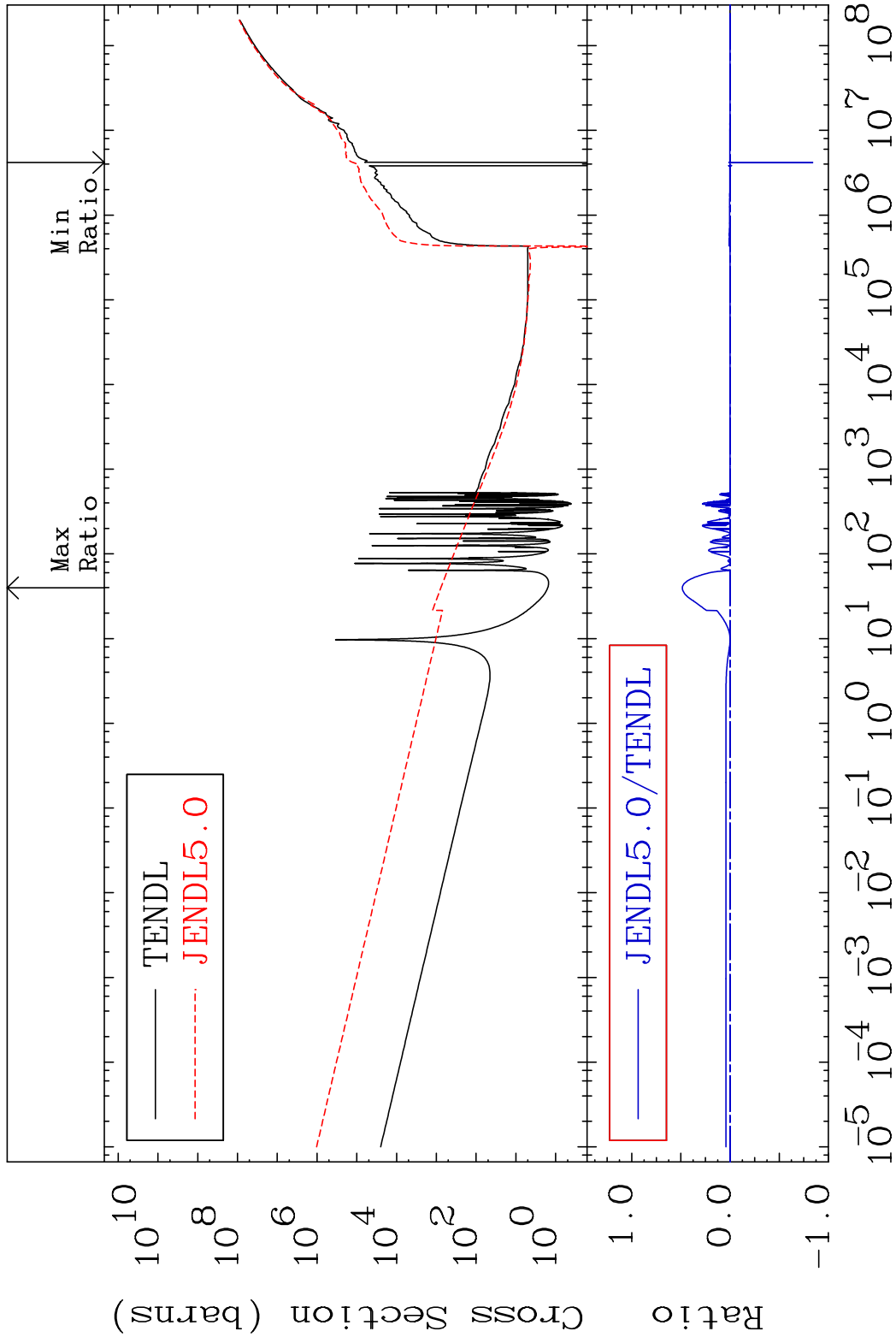


39

Incident Energy (eV) 80-Hg-194

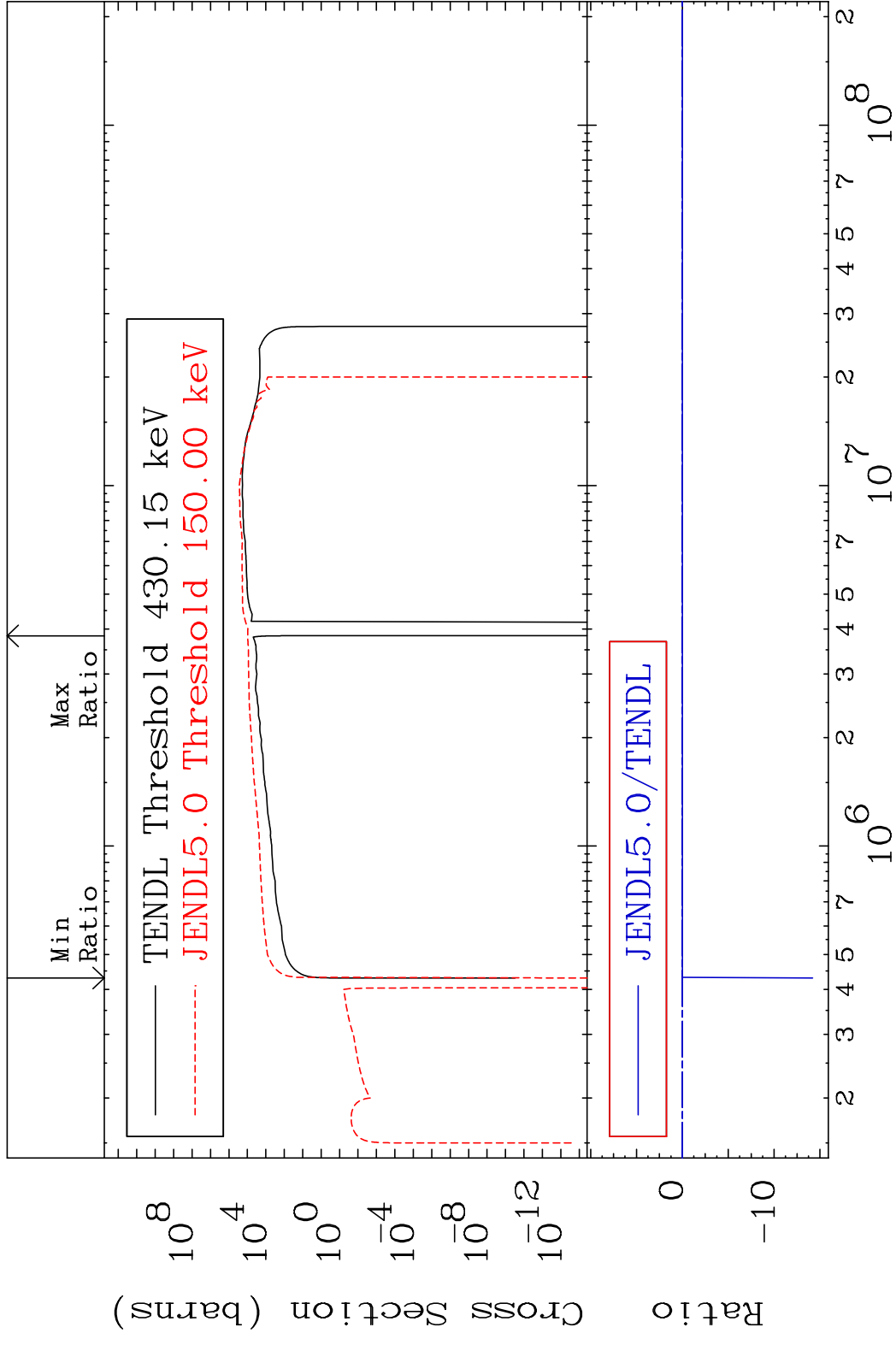


MAT 8019 Kerma non-elastic (all but mt2) 80-Hg-194  
Cross Section -9999. To 9999. %

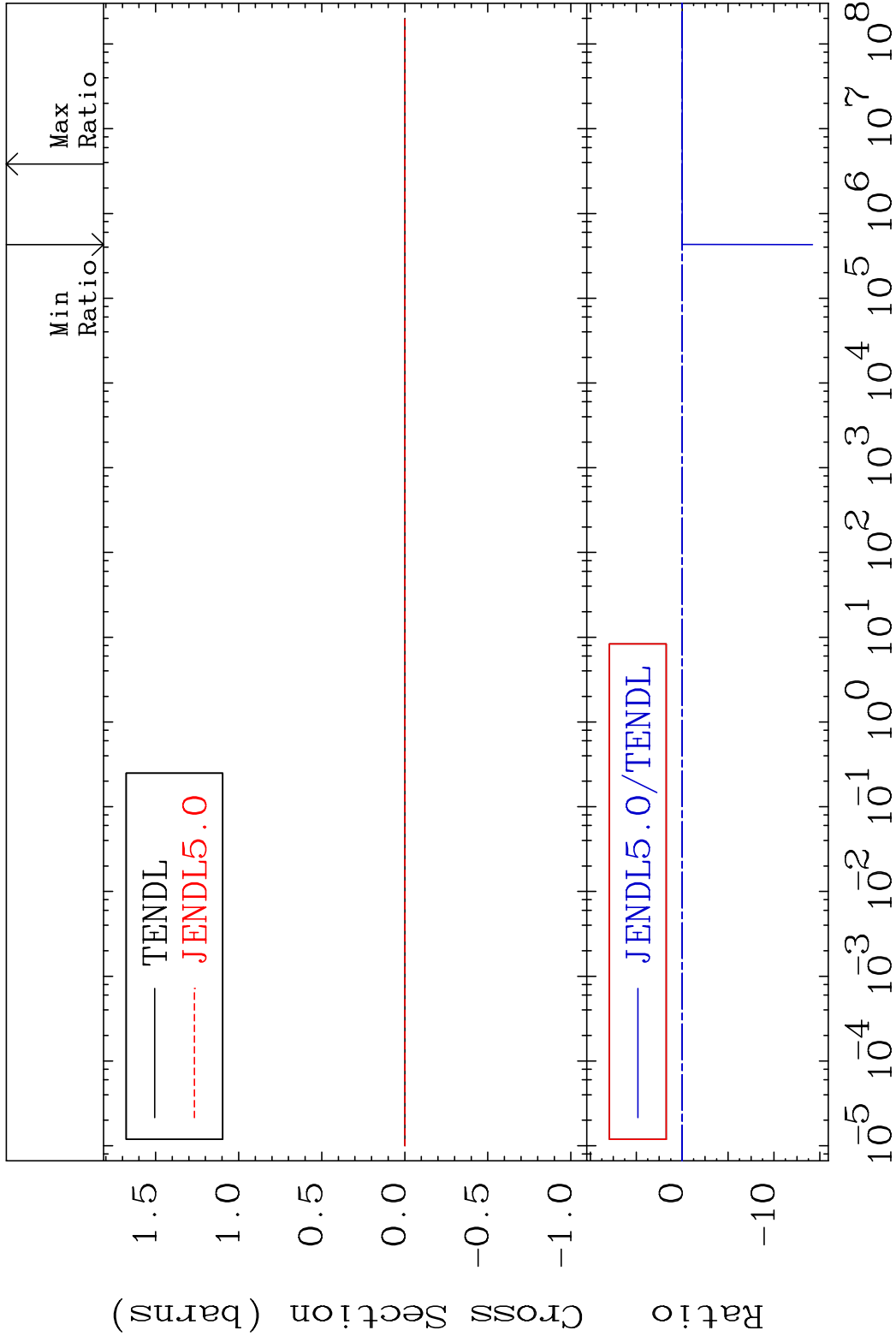


40 Incident Energy (eV) 80-Hg-194

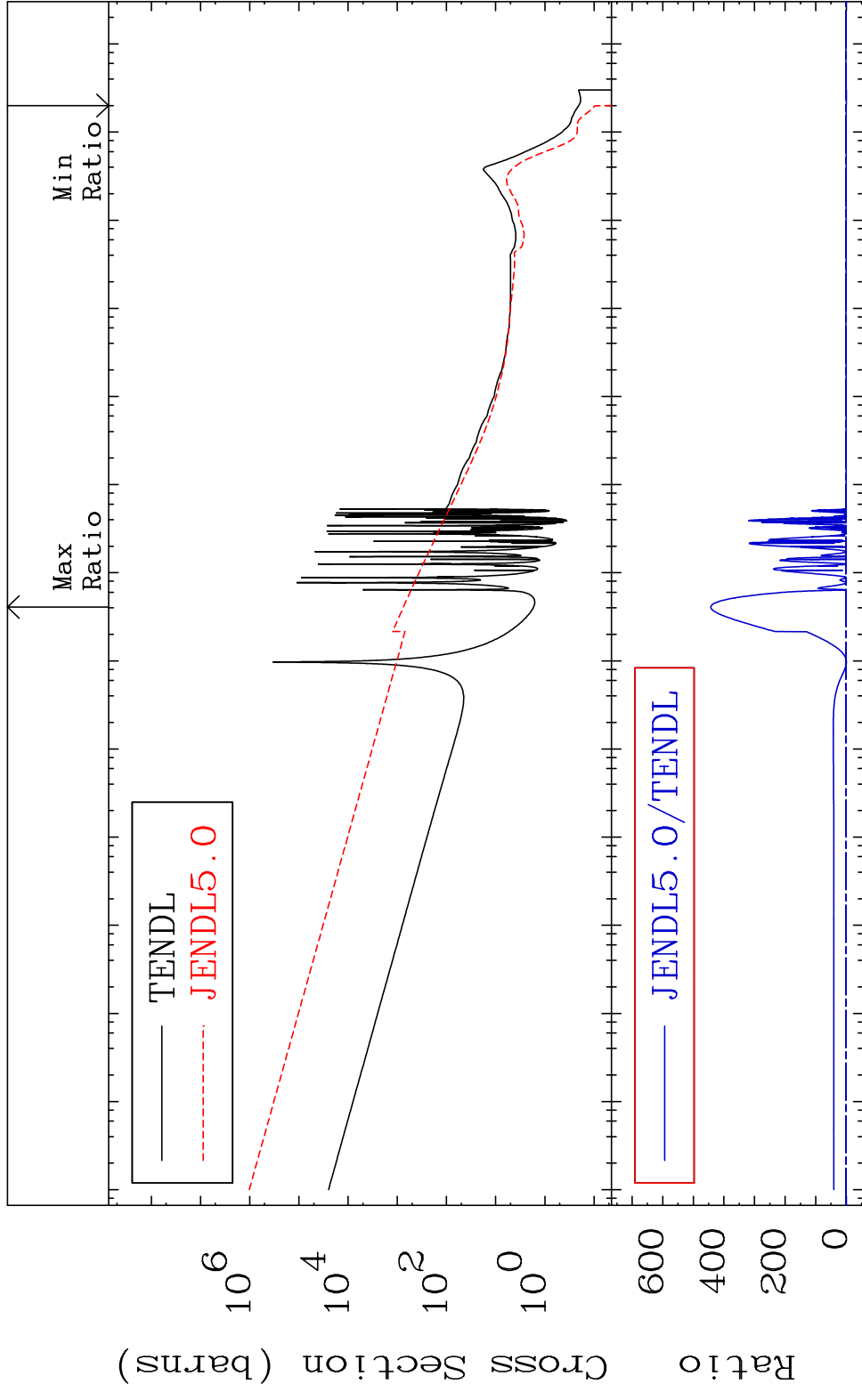
MAT 8019 Kerma inelastic (mt51-91) 80-Hg-194  
 Cross Section -9999. To 1565. %



MAT 8019 Kerma fission (mt18 or mt19-20-21-38) 80-Hg-194  
 Cross Section -9999. To 1565. %

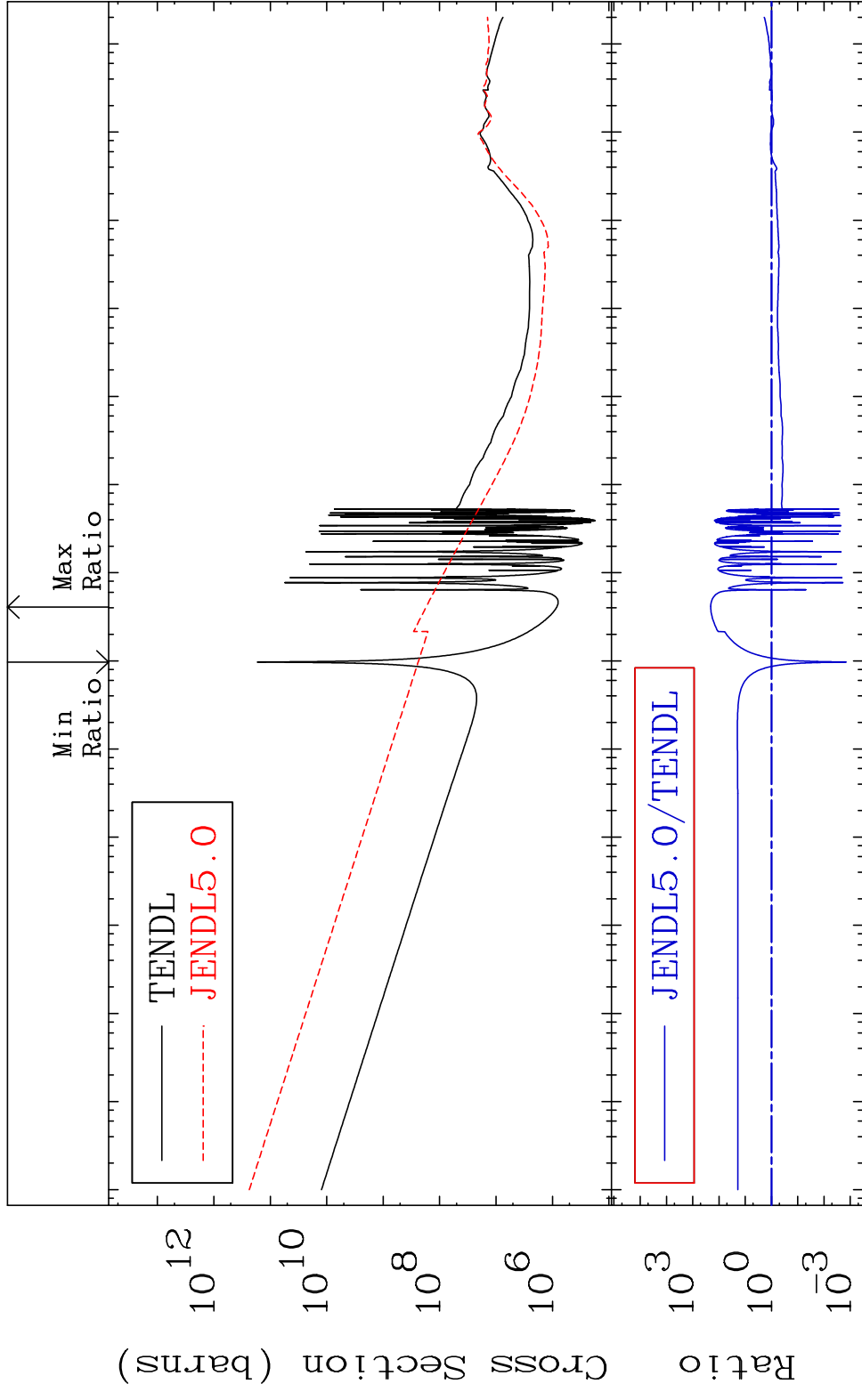


MAT 8019 Kerma capture (mt102) 80-Hg-194  
 Cross Section -100.0 To 9999. %

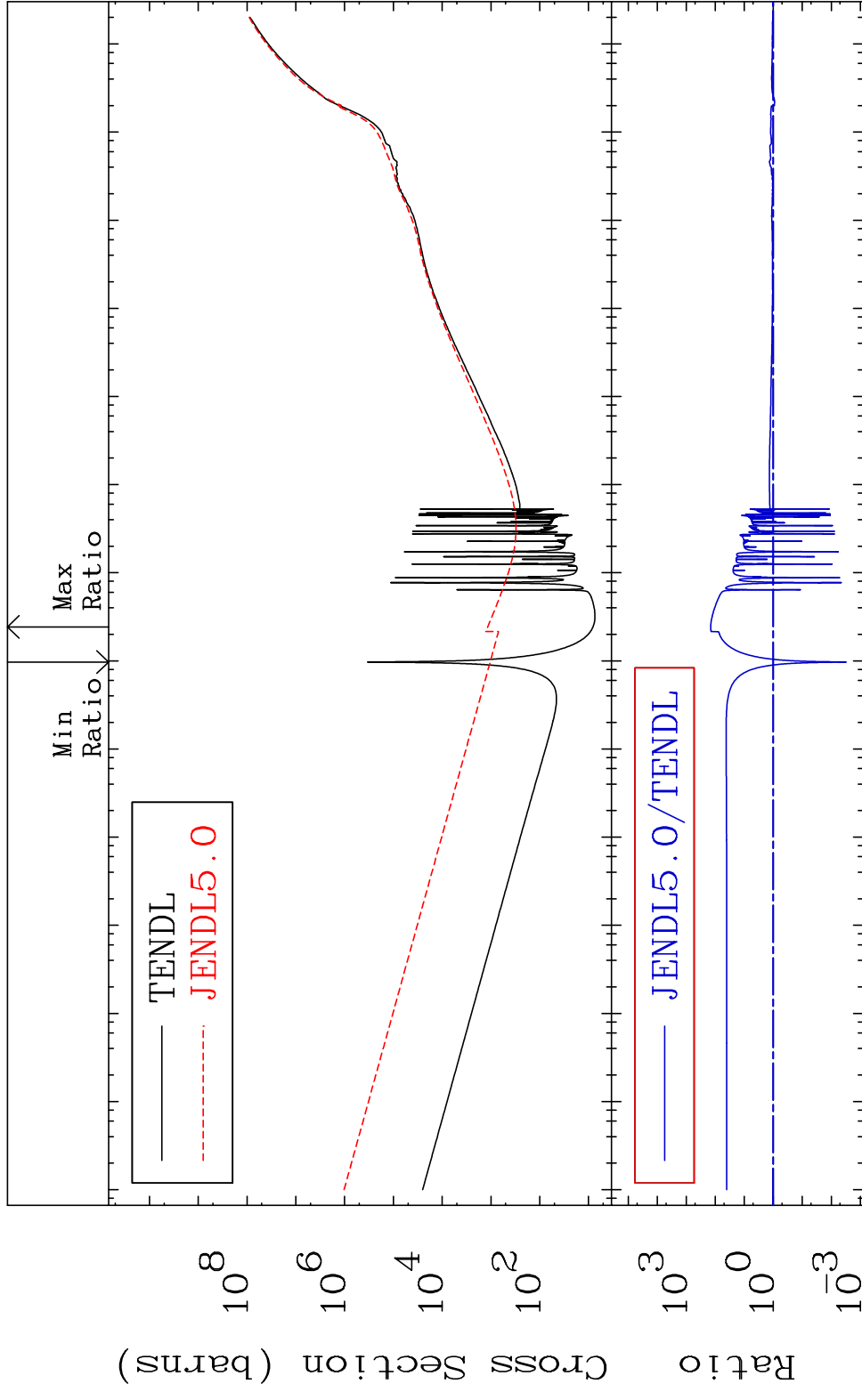


43 Incident Energy (eV) 80-Hg-194

MAT 8019 Total photon (eV-barns) 80-Hg-194  
 Cross Section -99.86 To 9999. %

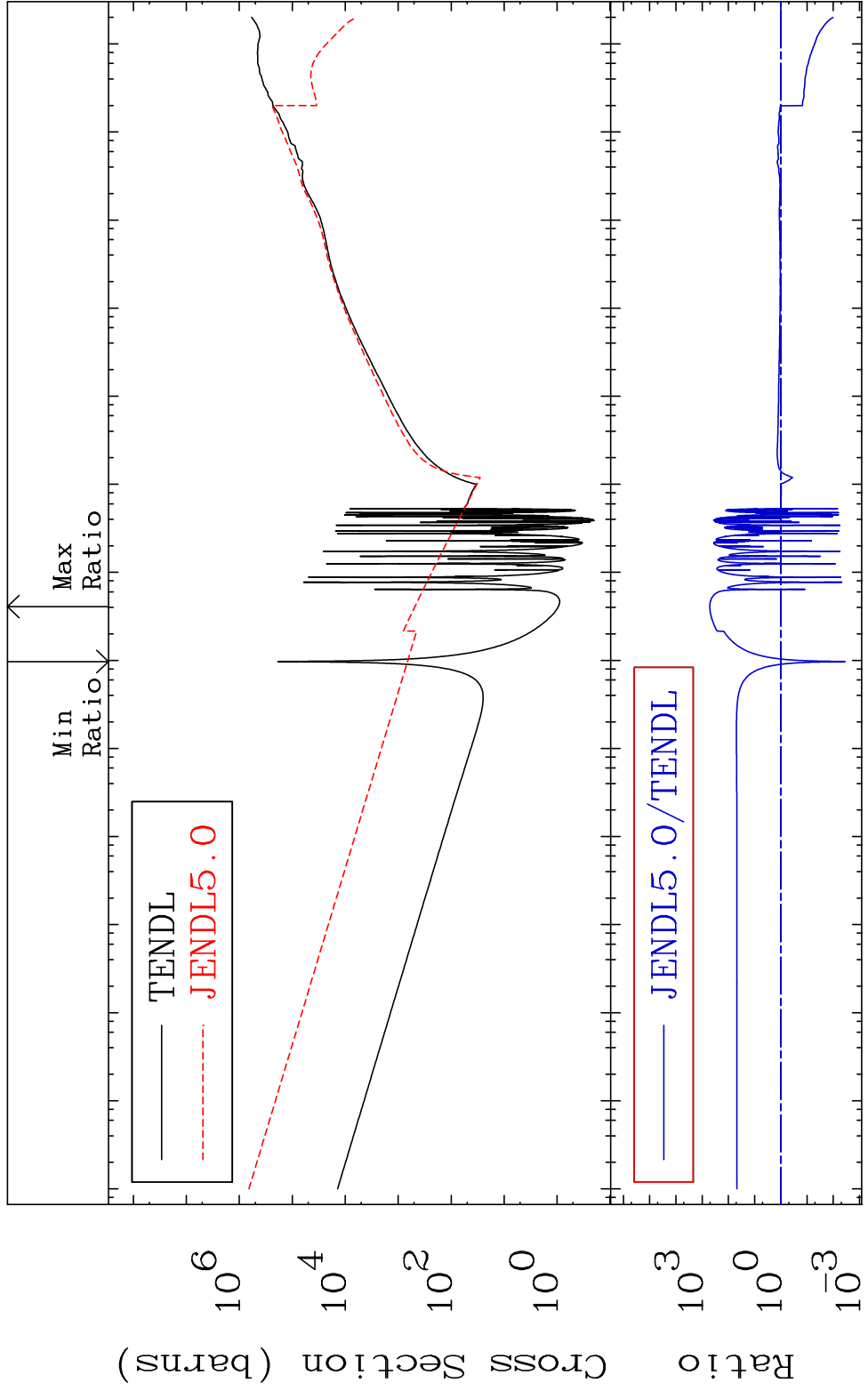


MAT 8019 Total kinematic kerma (high limit) 80-Hg-194  
 Cross Section -99.70 To 9999. %



45 Incident Energy (eV) 80-Hg-194

MAT 8019 Dpa total (eV-barns) 80-Hg-194  
 Cross Section -99.65 To 9999. %

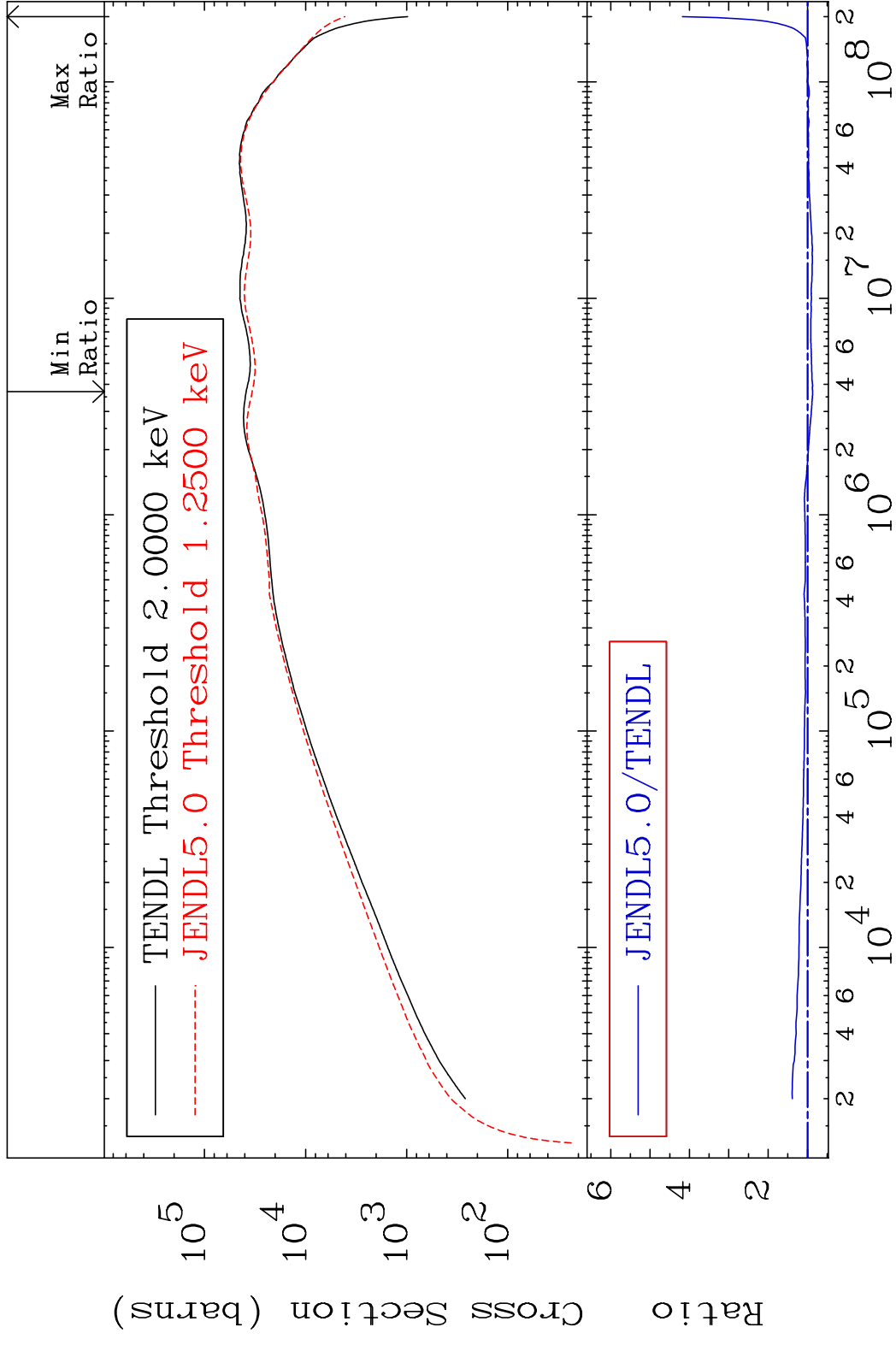


MAT 8019

Dpa elastic (mt2)

80-Hg-194

Cross Section -12.77 To 317.9 %



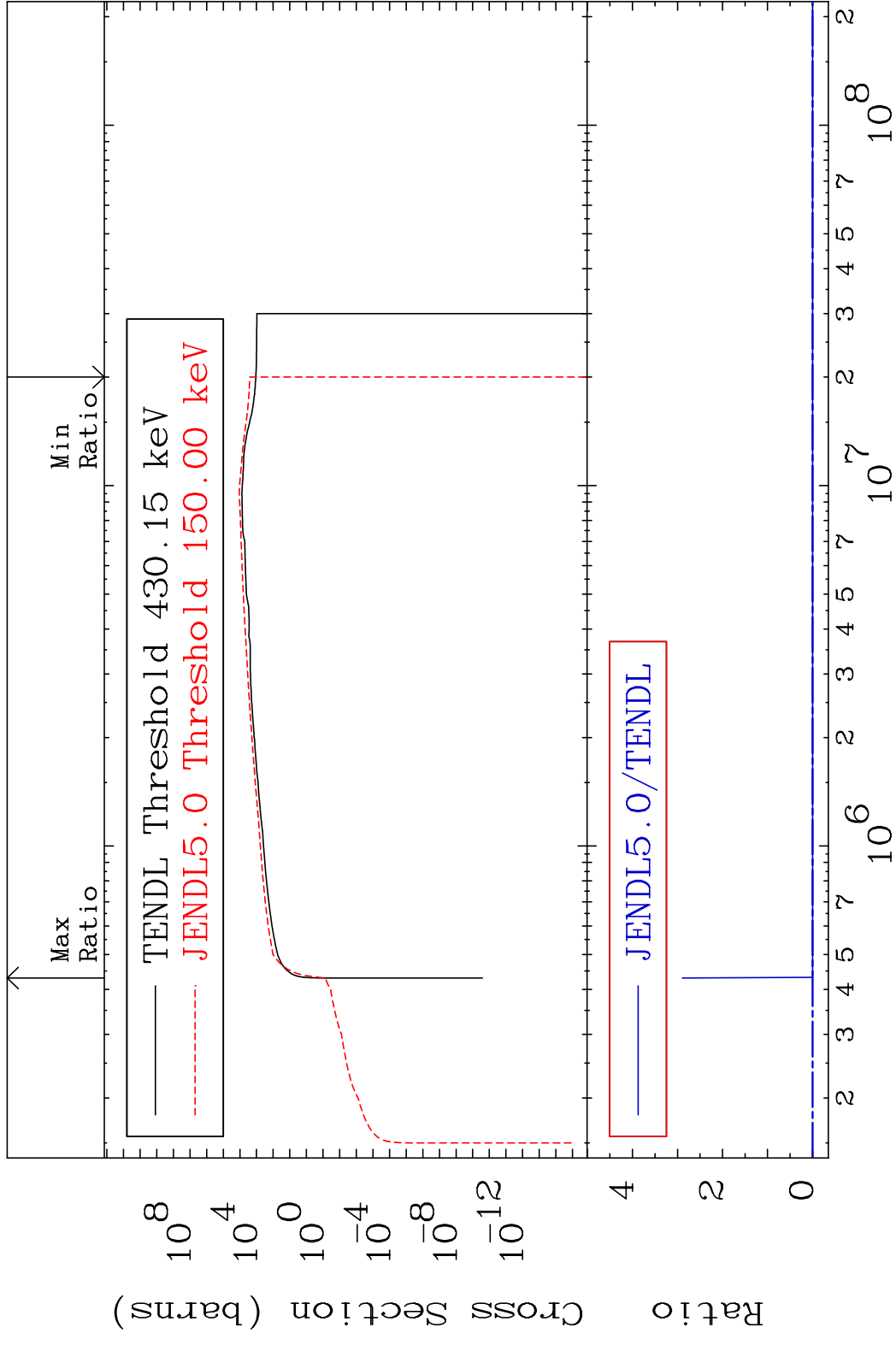
47

Incident Energy (eV)

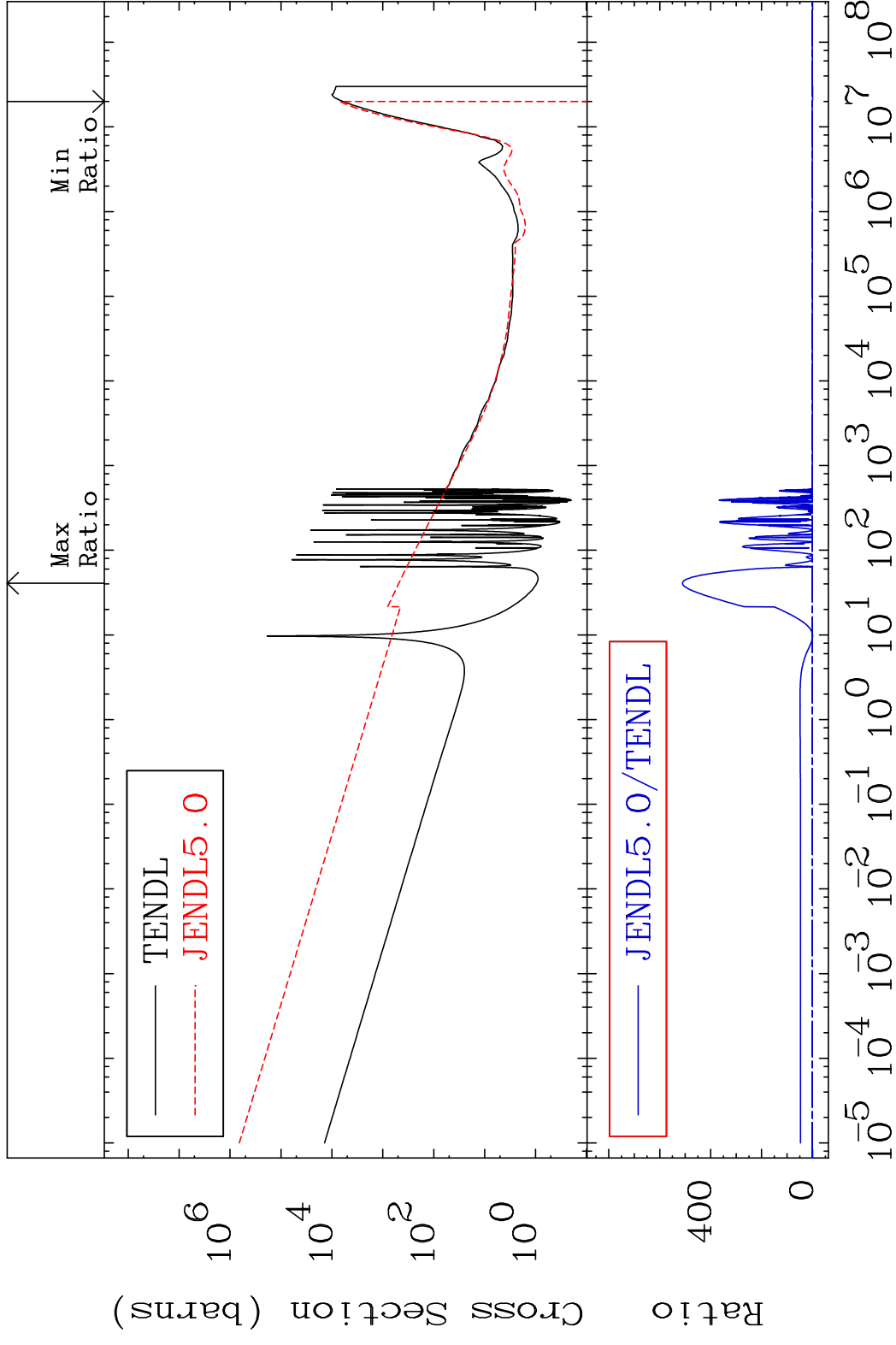
80-Hg-194



MAT 8019 Dpa inelastic (mt51-91) 80-Hg-194  
 Cross Section -100.0 To 9999. %

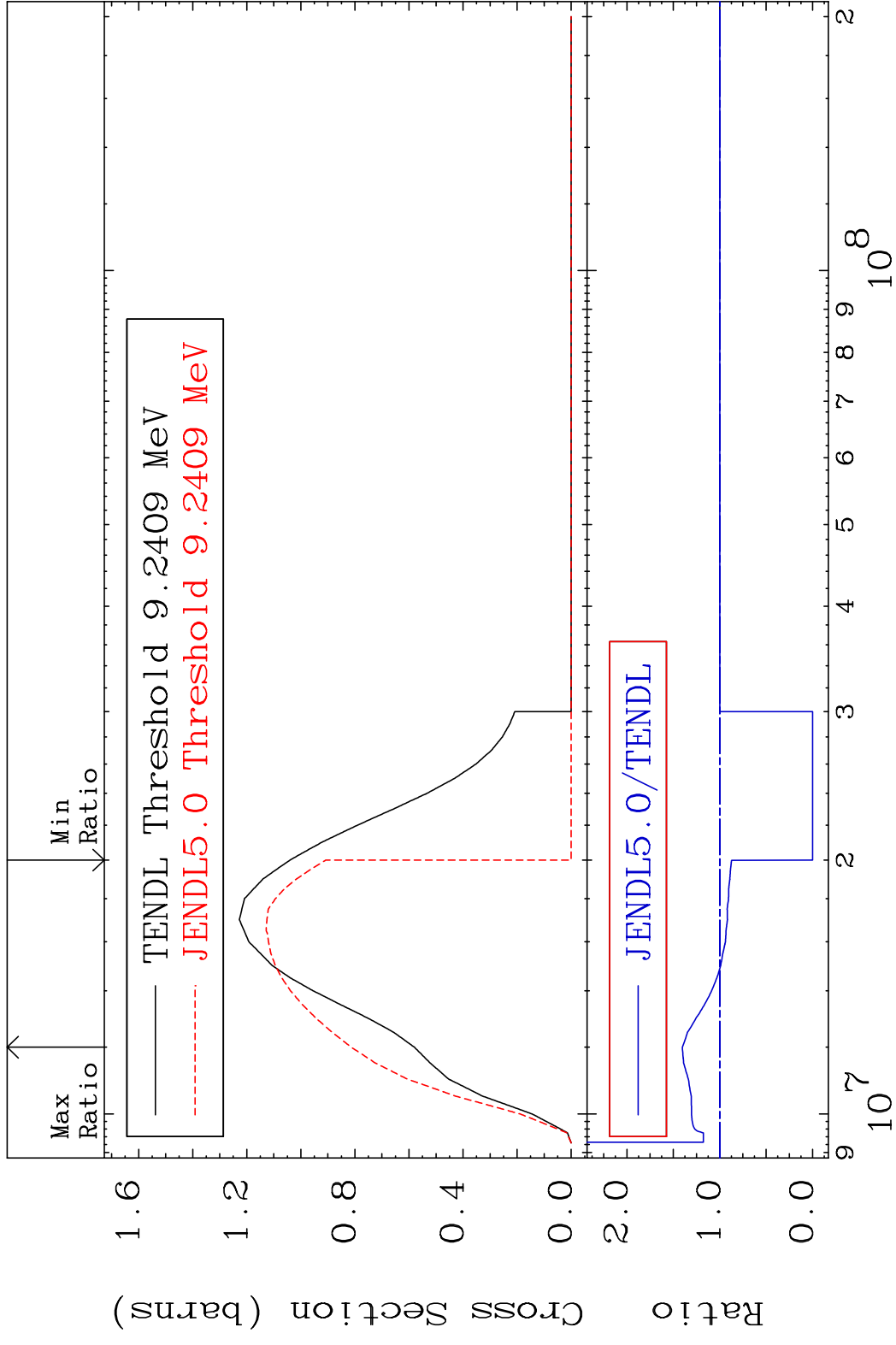


MAT 8019 Dpa disappearance (mt102 -120) 80-Hg-194  
 Cross Section -100.0 To 9999. %



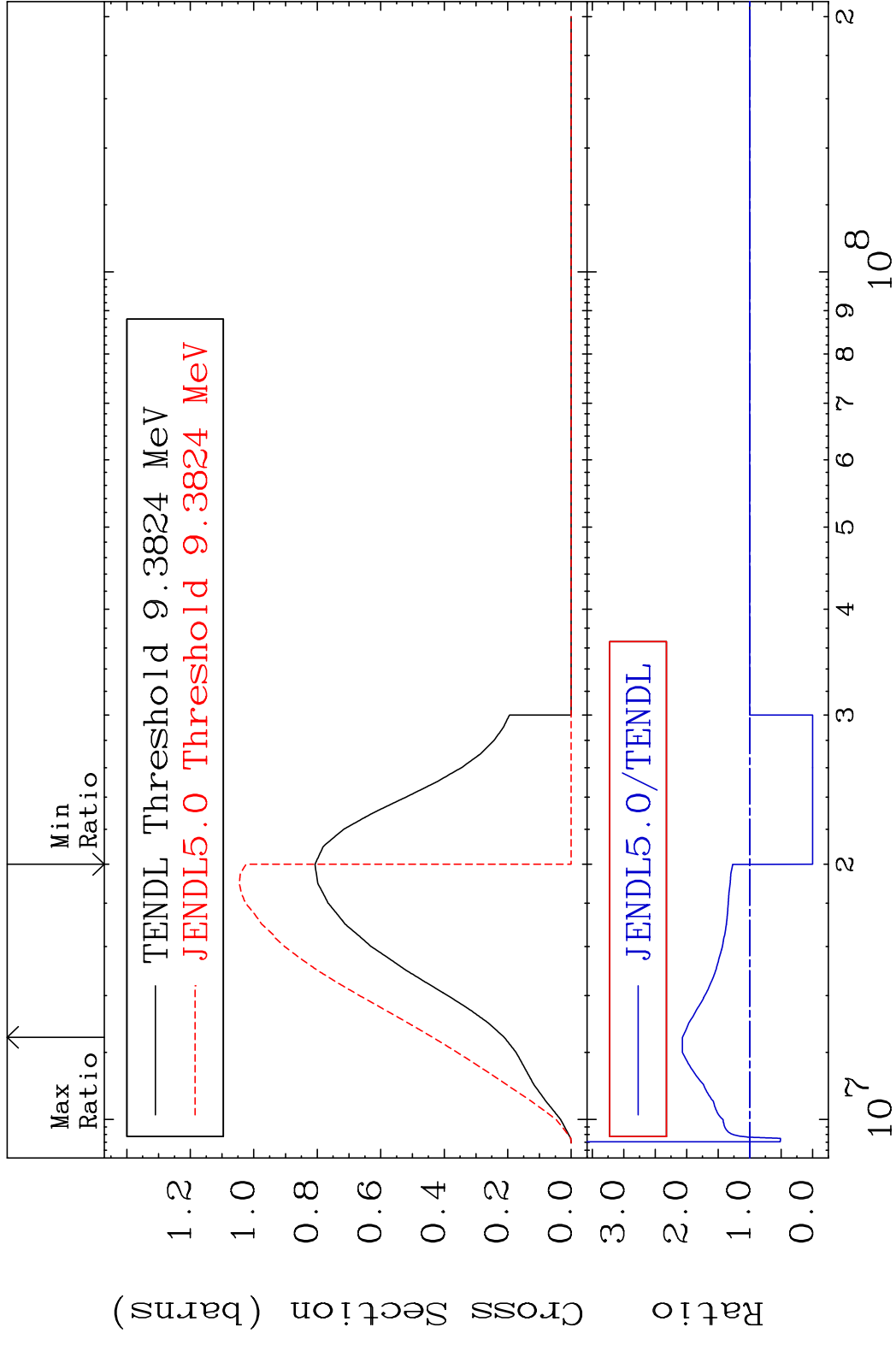
49 Incident Energy (eV) 80-Hg-194

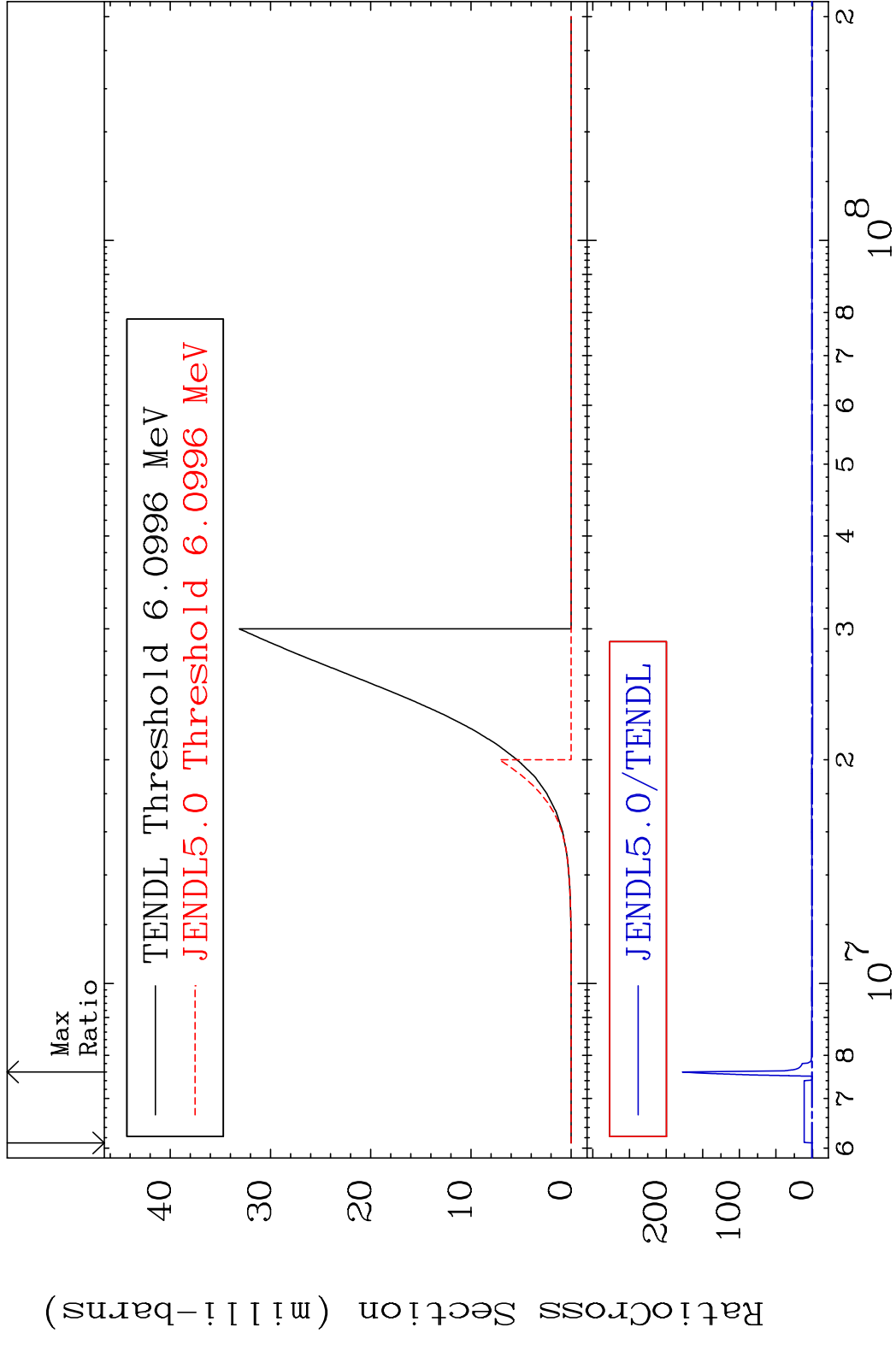
MAT 8019 (n,2n):80-Hg-193g 80-Hg-194  
 Radionuclide Production Cross Section Ratio 40.26 %

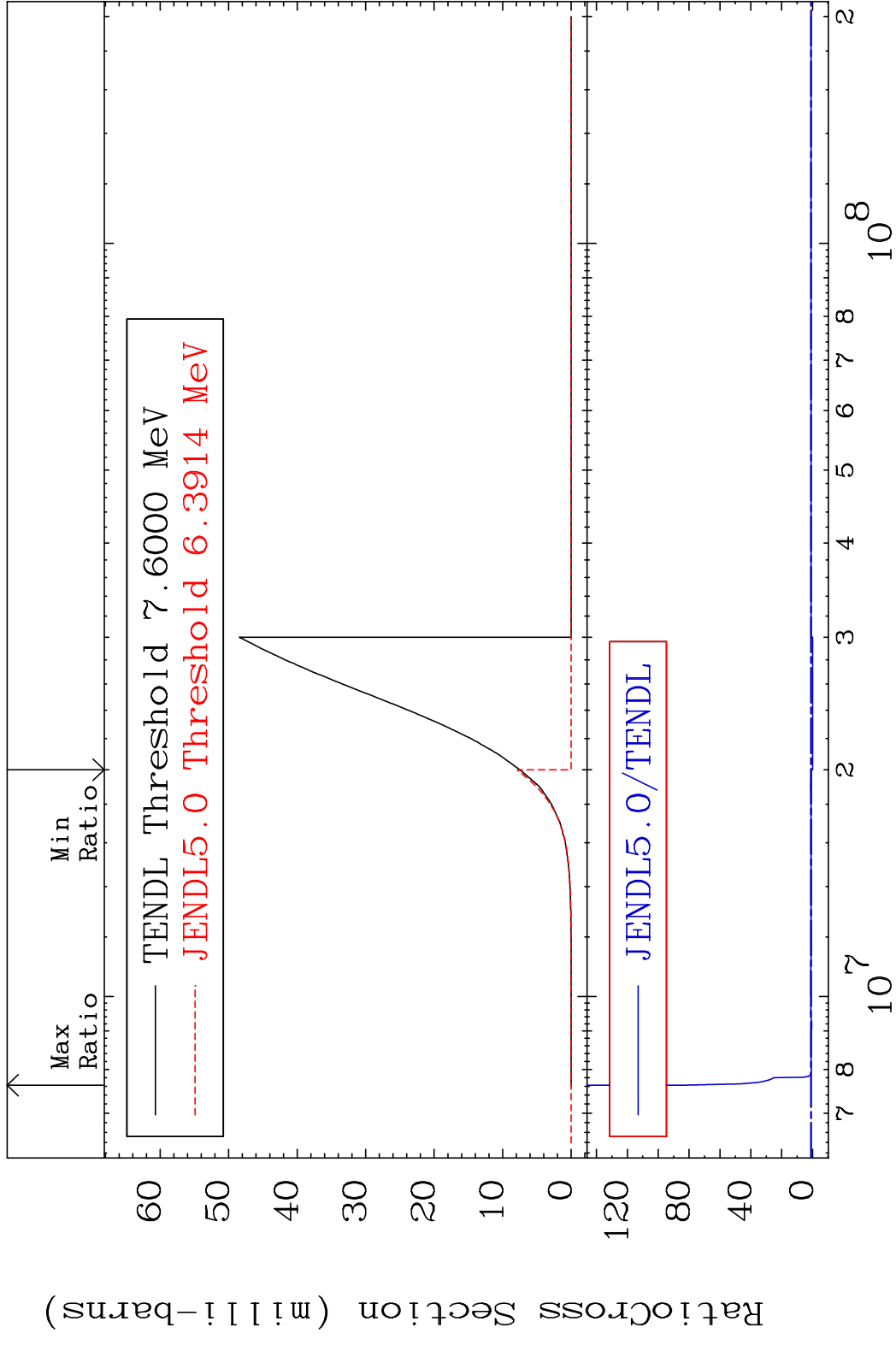


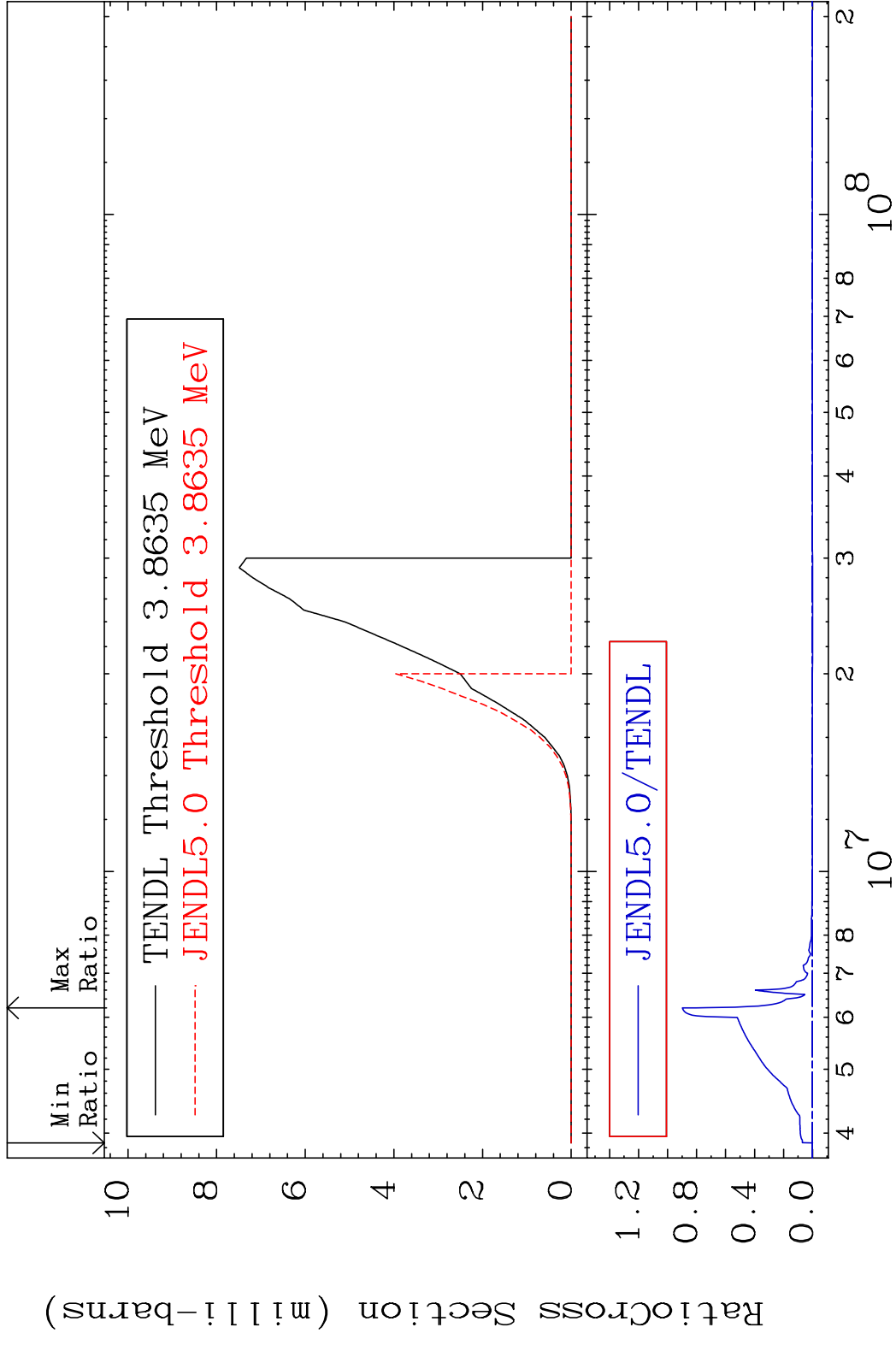
50 Incident Energy (eV) 80-Hg-194

MAT 8019 (n,2n):80-Hg-193m3 80-Hg-194  
 Radionuclide Production Cross Section 100.0 dth 106.9 %









MAT 8019 (n, d):79-Au-193m4 80-Hg-194  
 Radionuclide Production Cross Section Ratio

