

Program Complot  
(Version 2021-1)

by

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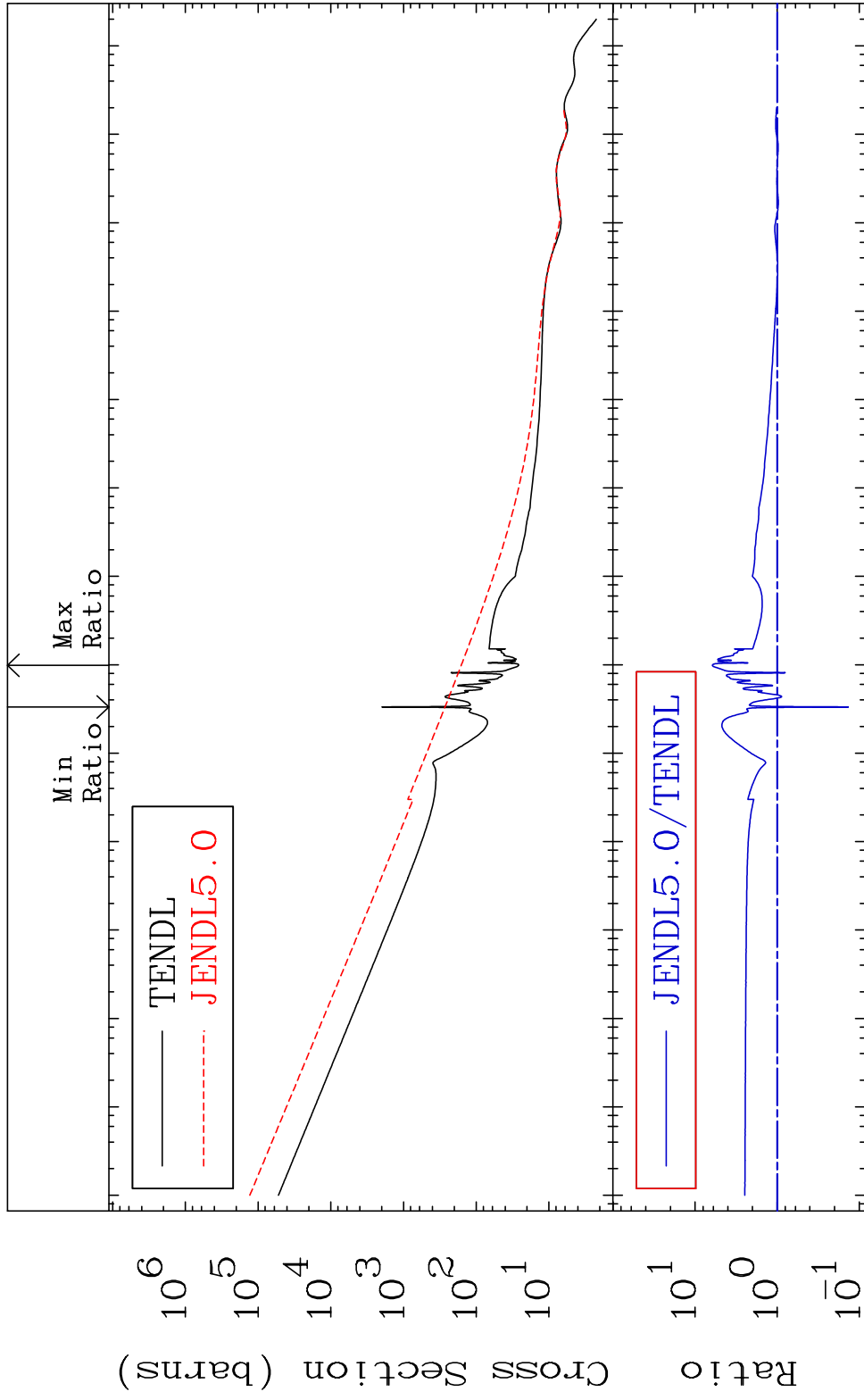
Press Mouse Button to Start

MAT 9431

Total

94-Pu-237

Cross Section -86.39 To 516.3 %



1

Incident Energy (eV)

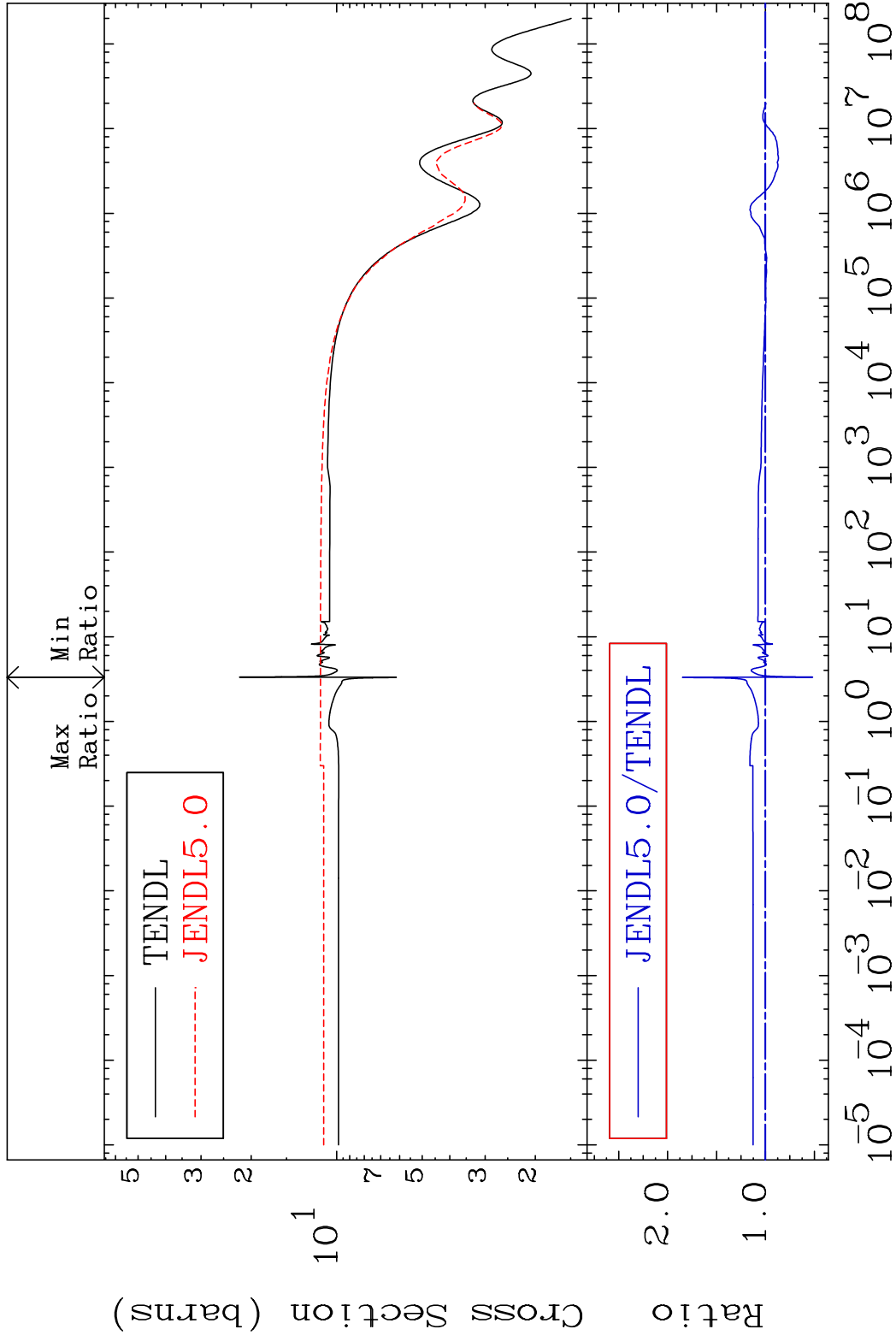
94-Pu-237

MAT 9431

Elastic

94-Pu-237

Cross Section -48.18 To 84.93 %



2

Incident Energy (eV)

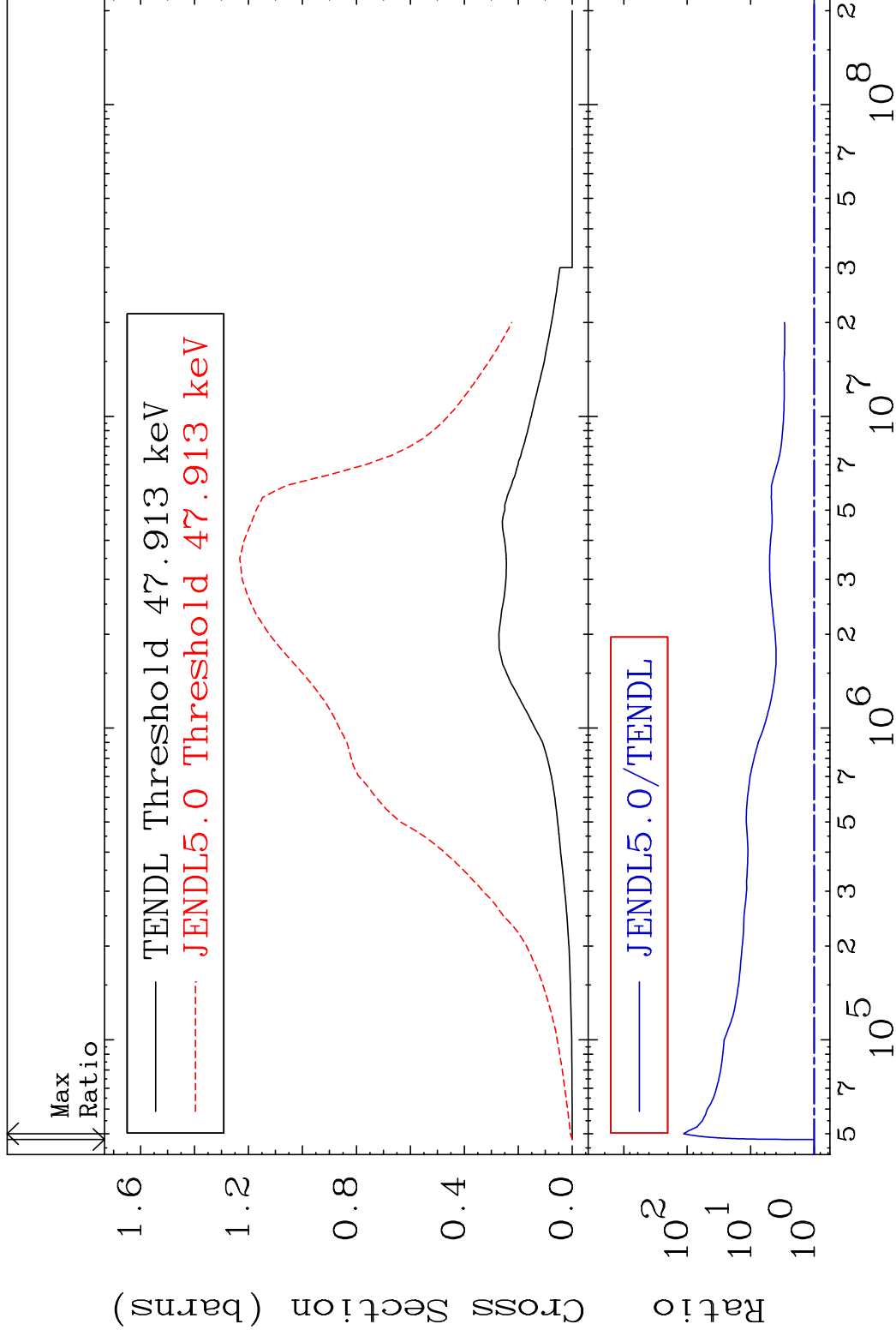
94-Pu-237

MAT 9431

Inelastic

94-Pu-237

Cross Section 0.000 To 9999. %



3

Incident Energy (eV)

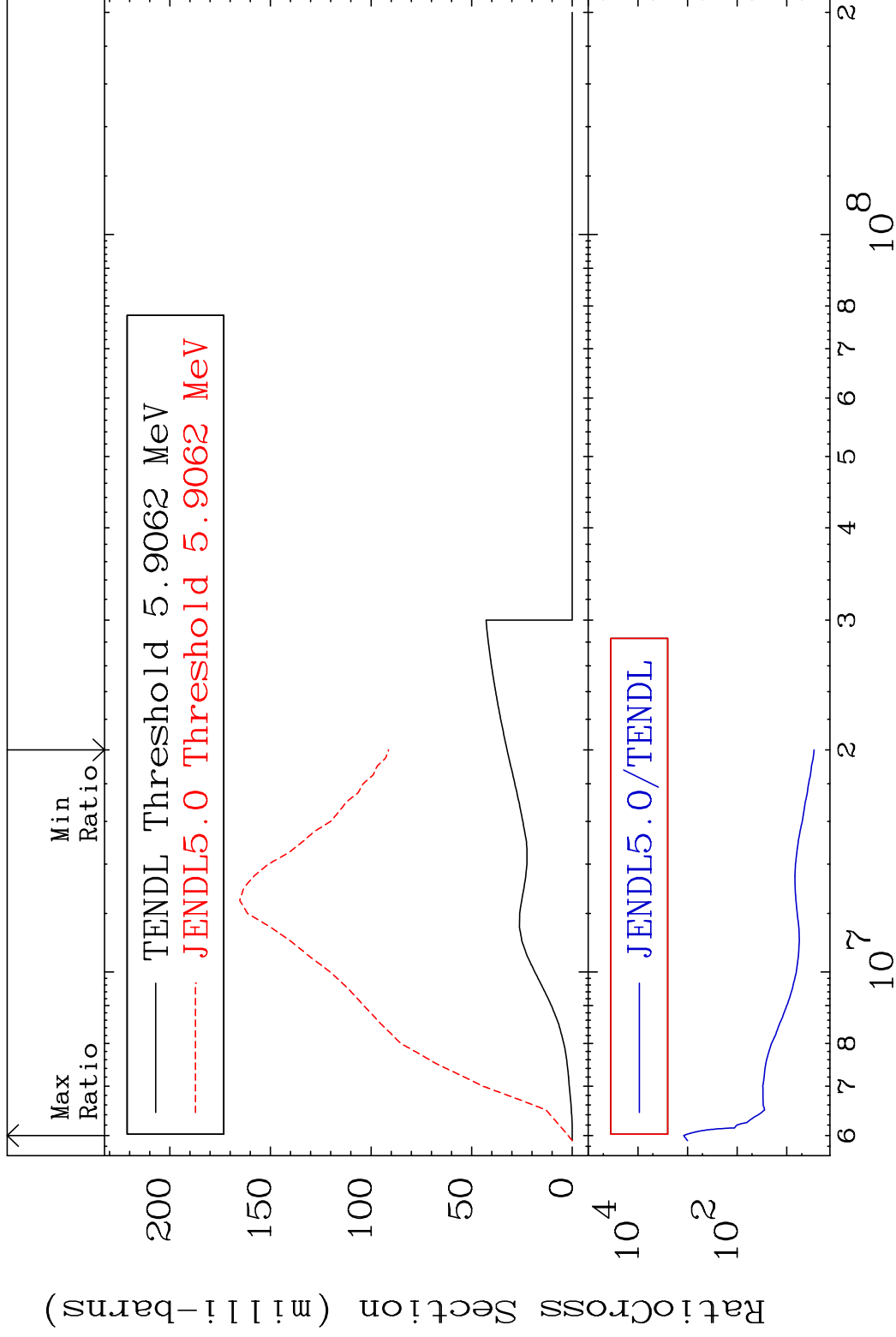
94-Pu-237

MAT 9431

(n,2n)

94-Pu-237

Cross Section 181.9 To 9999. %



4

Incident Energy (eV)

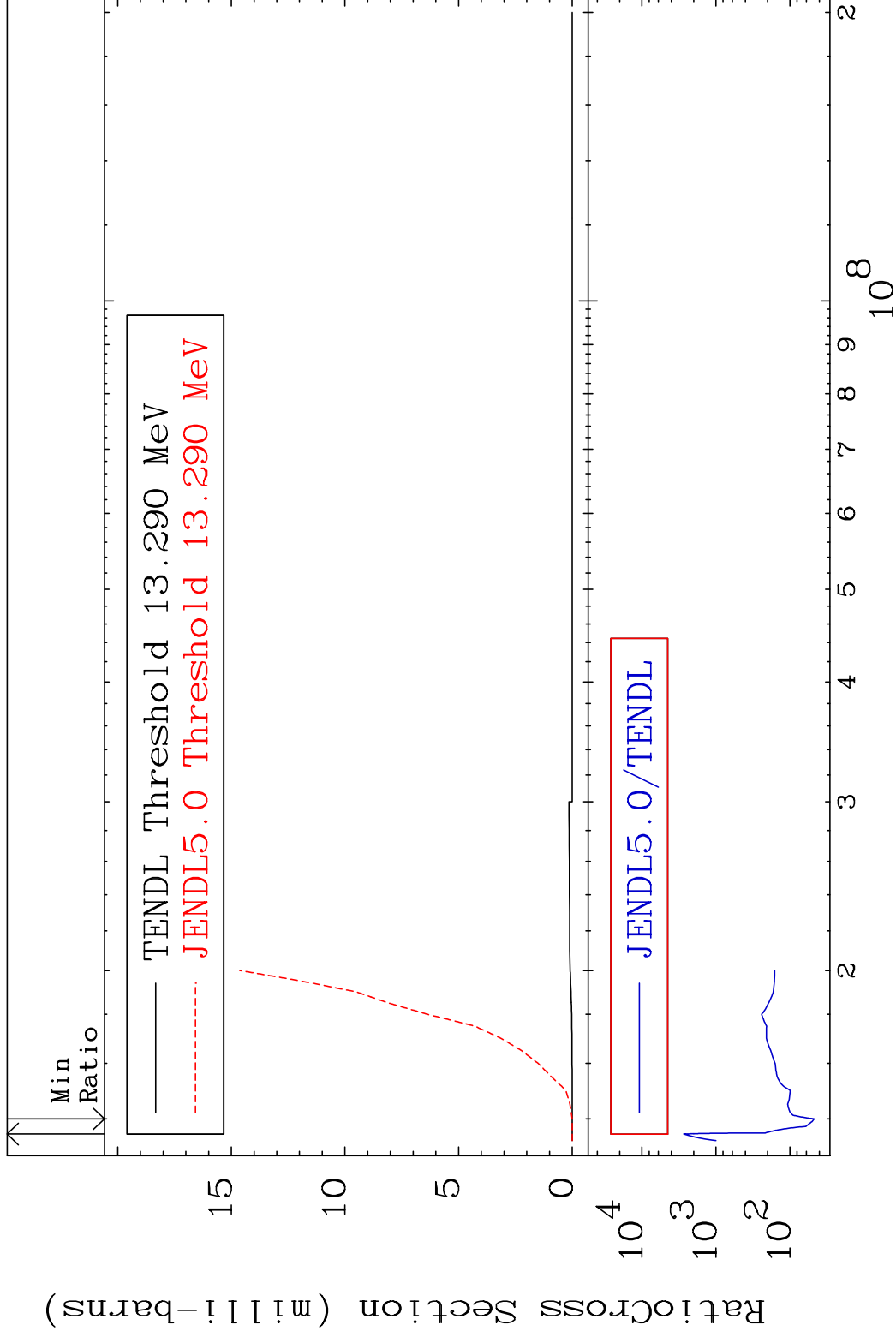
94-Pu-237

MAT 9431

(n,3n)

94-Pu-237

Cross Section 4605. To 9999. %



5

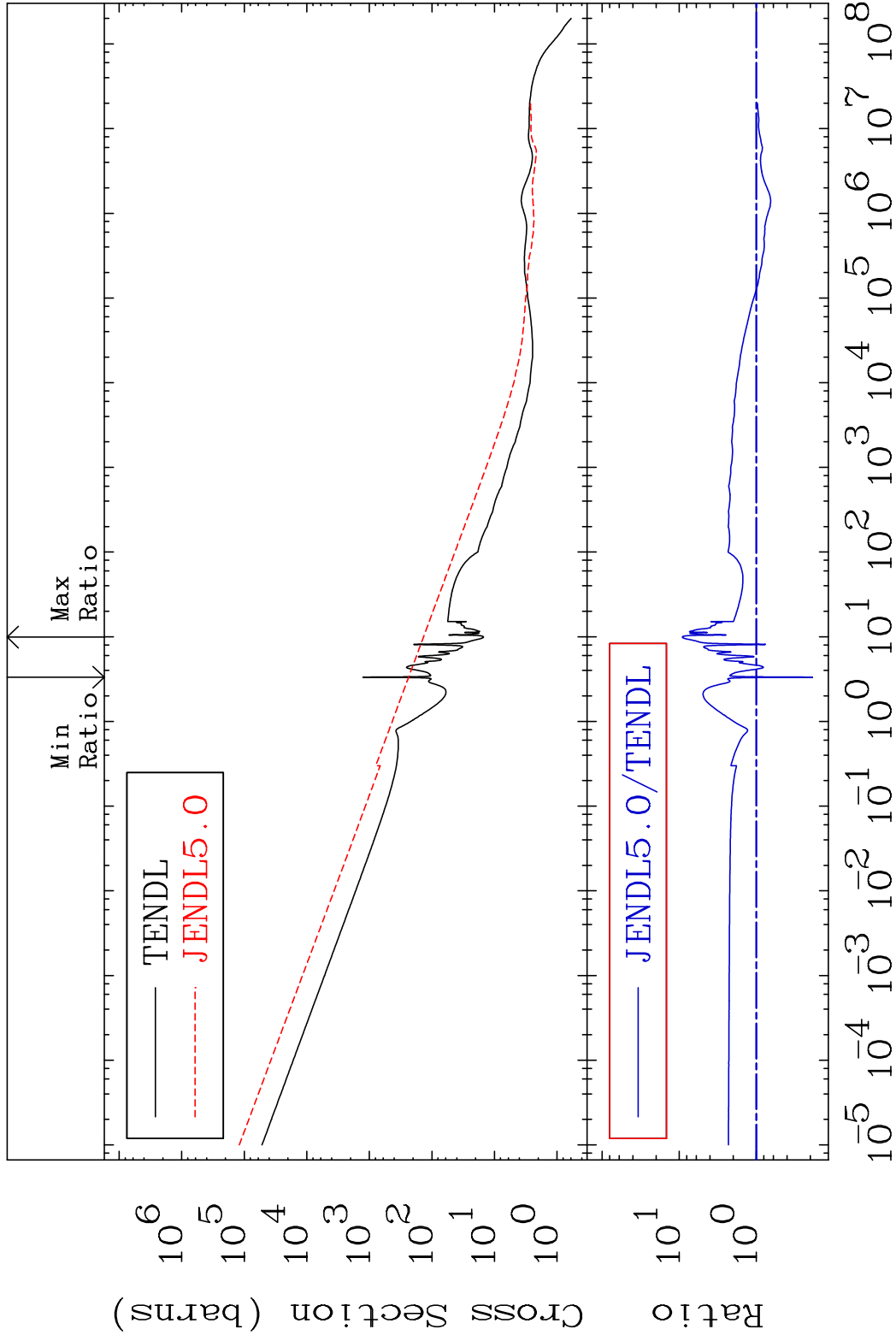
Incident Energy (eV)

94-Pu-237

MAT 9431

Fission Cross Section -81.32 To 811.8 %

94-Pu-237

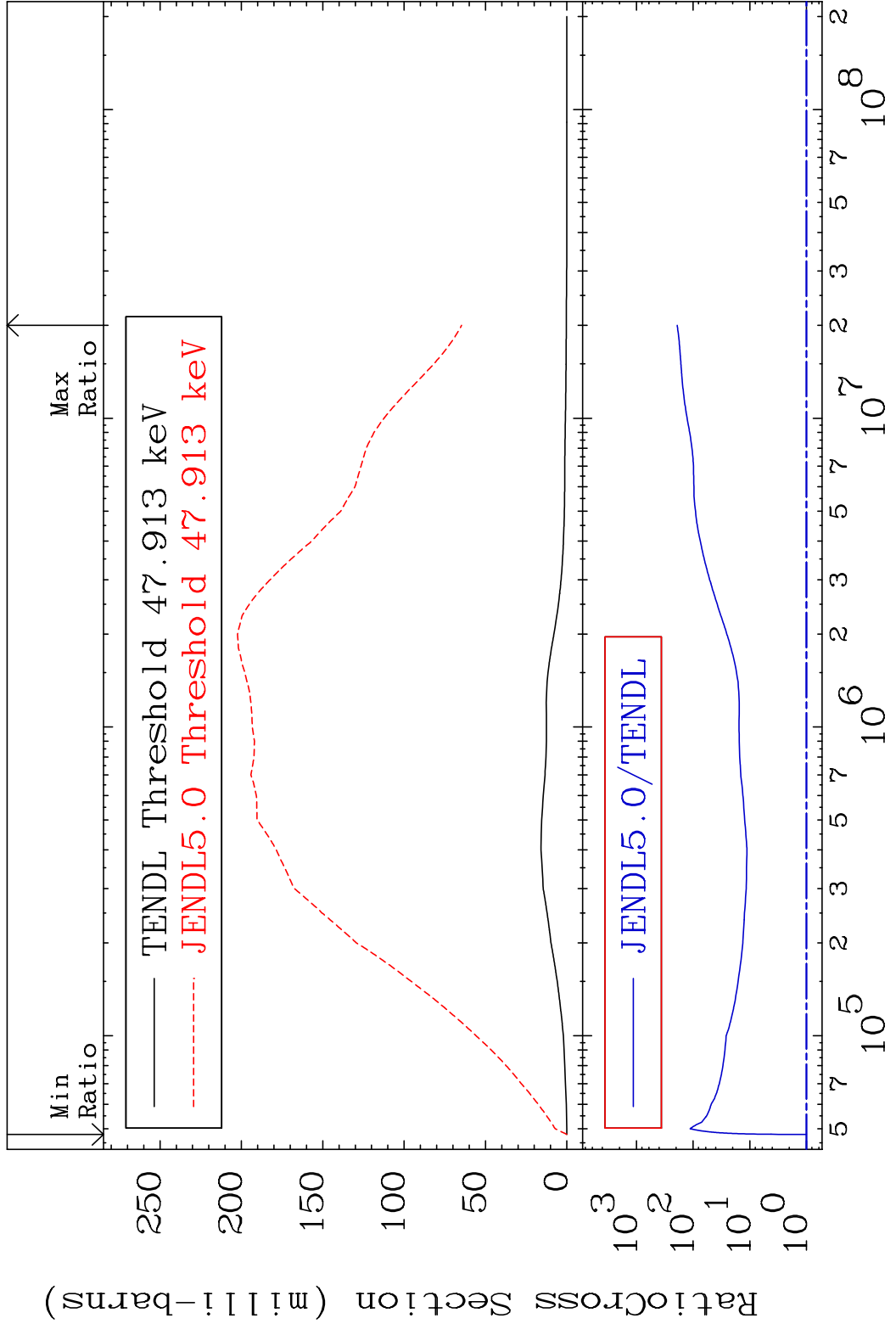


6

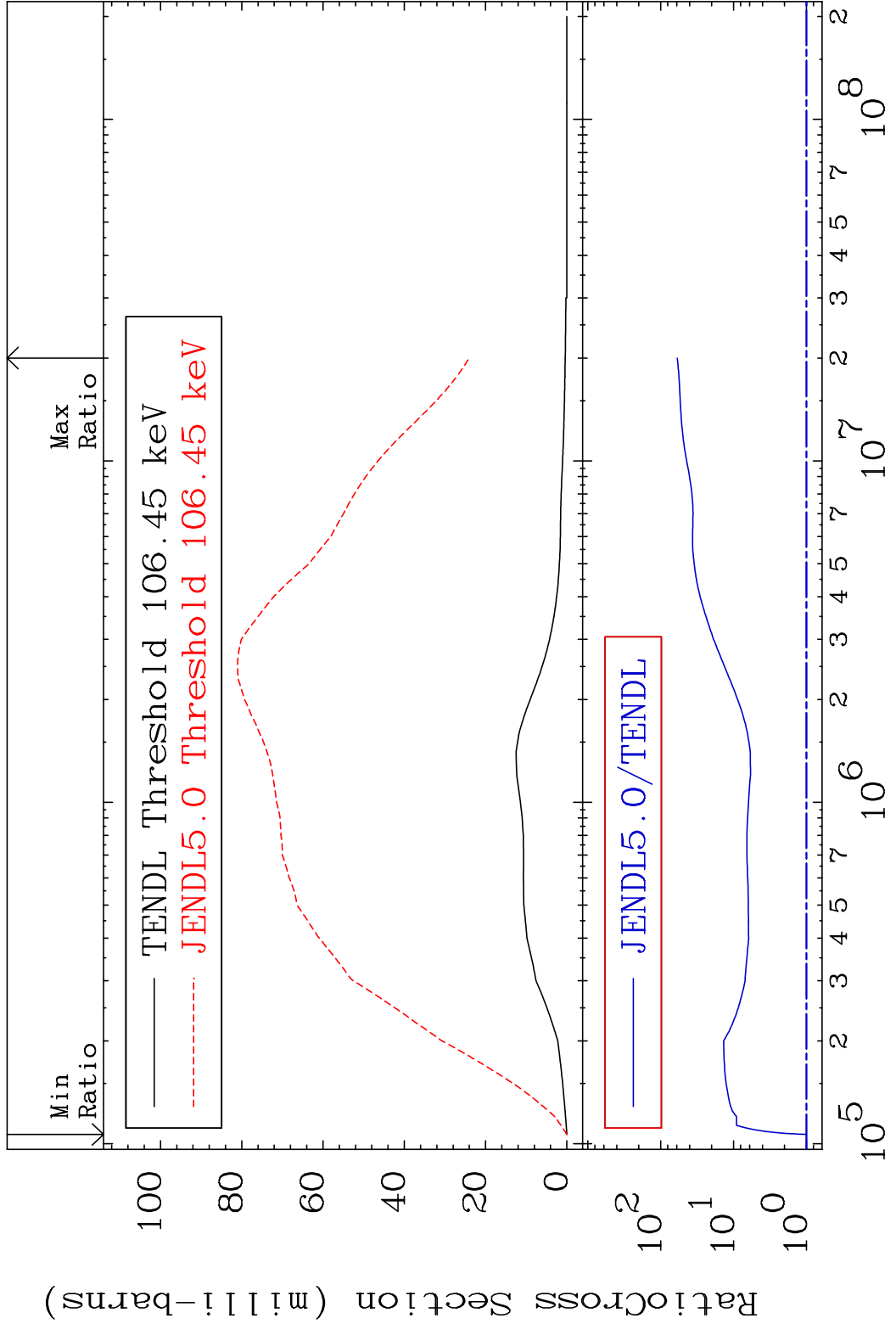
Incident Energy (eV)

94-Pu-237

MAT 9431 MT= 51 (n, n') Level 94-Pu-237  
 Cross Section 0.000 To 9999. %

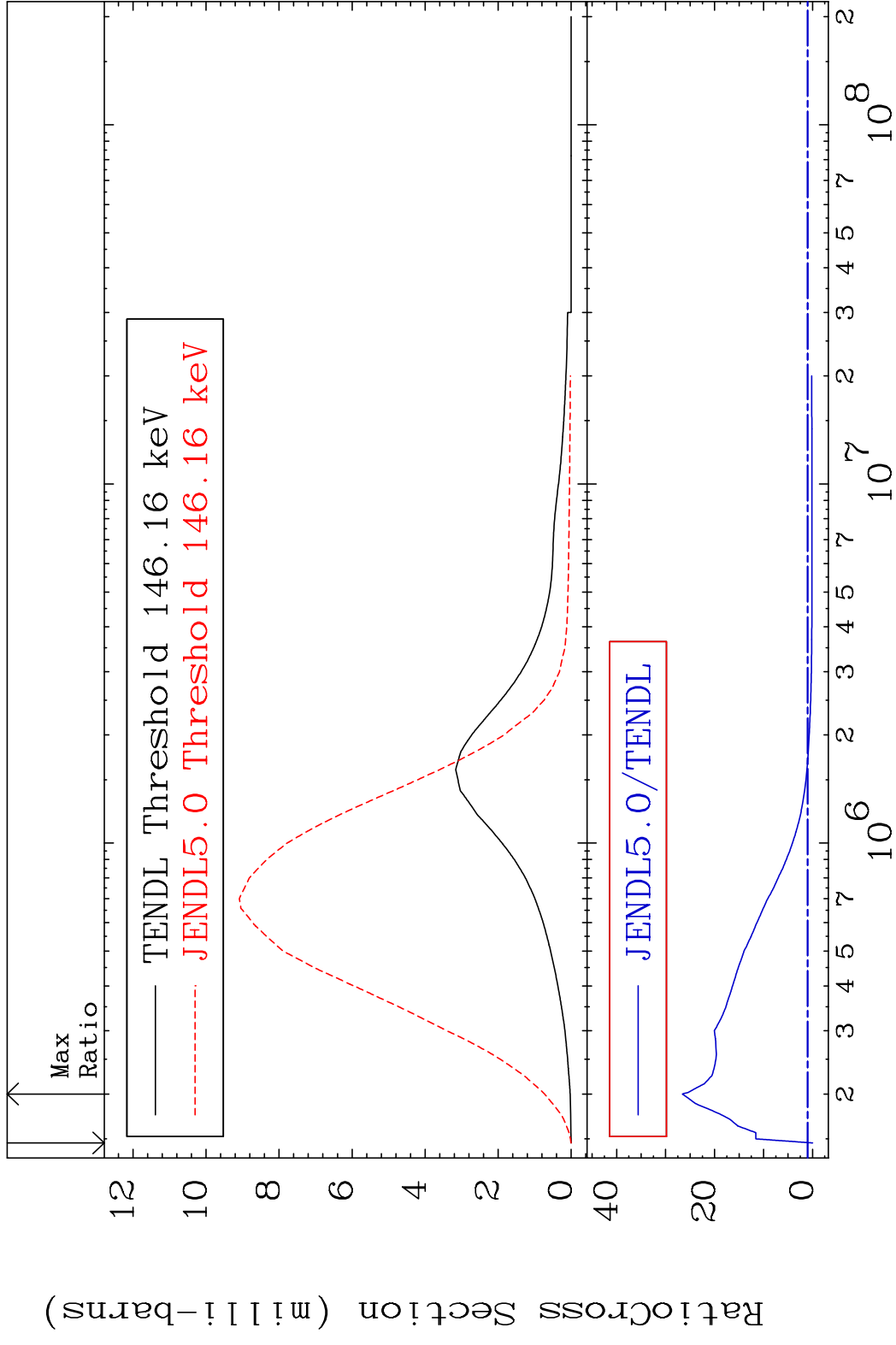


MAT 9431 MT= 52 (n, n') Level 94-Pu-237  
 Cross Section 0.000 To 5837. %

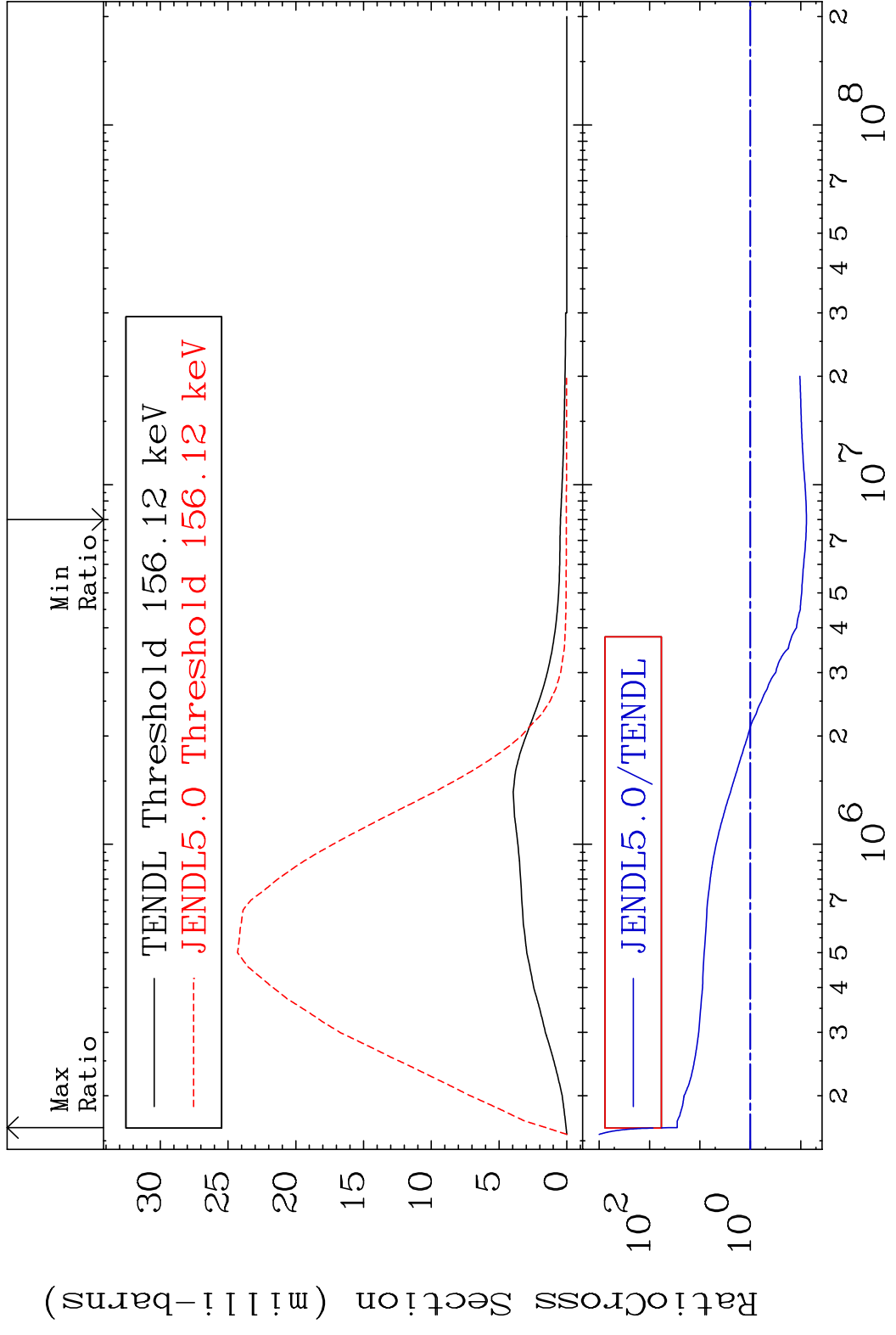


8 Incident Energy (eV) 94-Pu-237

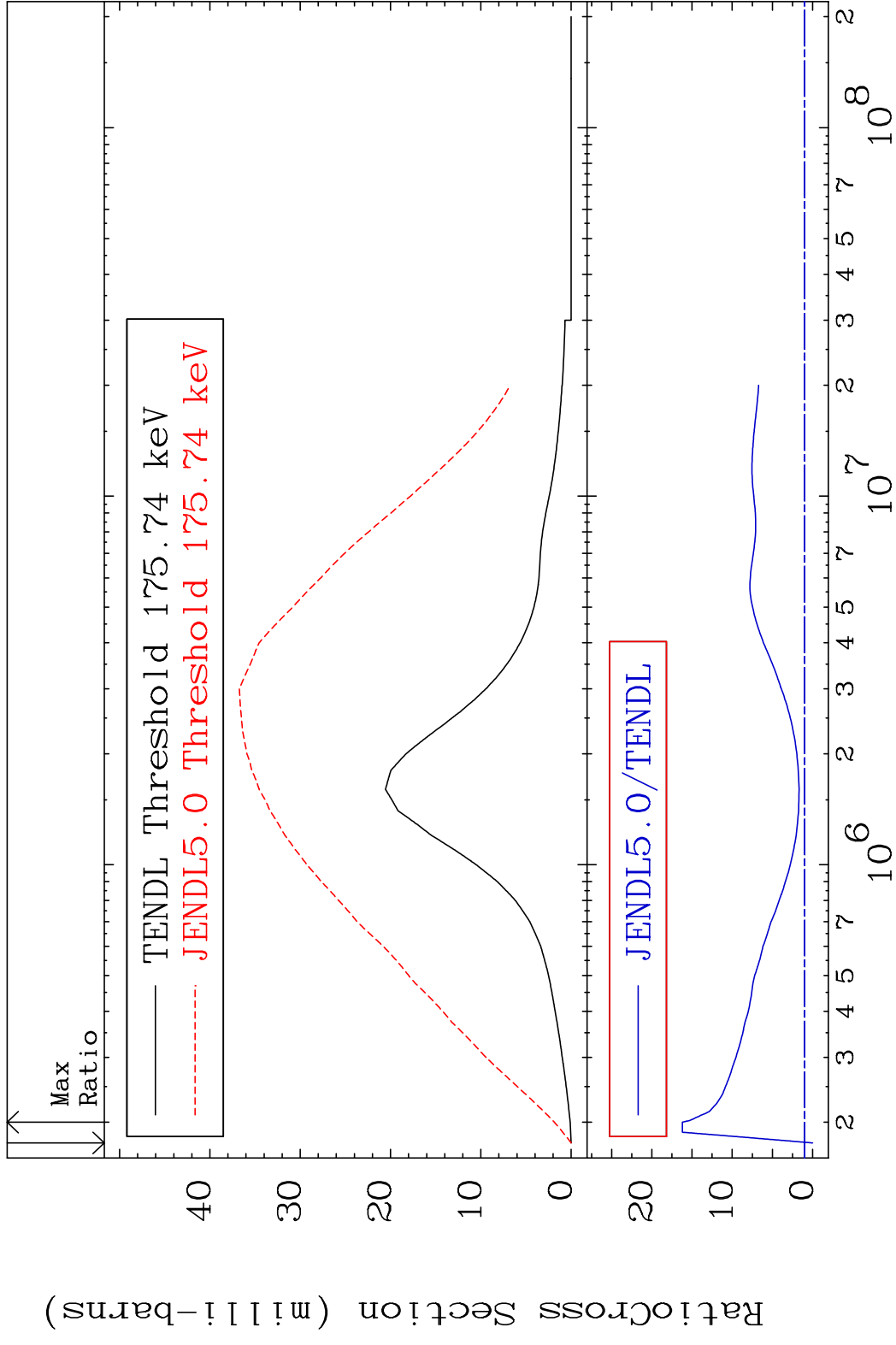
MAT 9431 MT= 53 (n,n') Level 94-Pu-237  
 Cross Section -100.0 To 2558. %



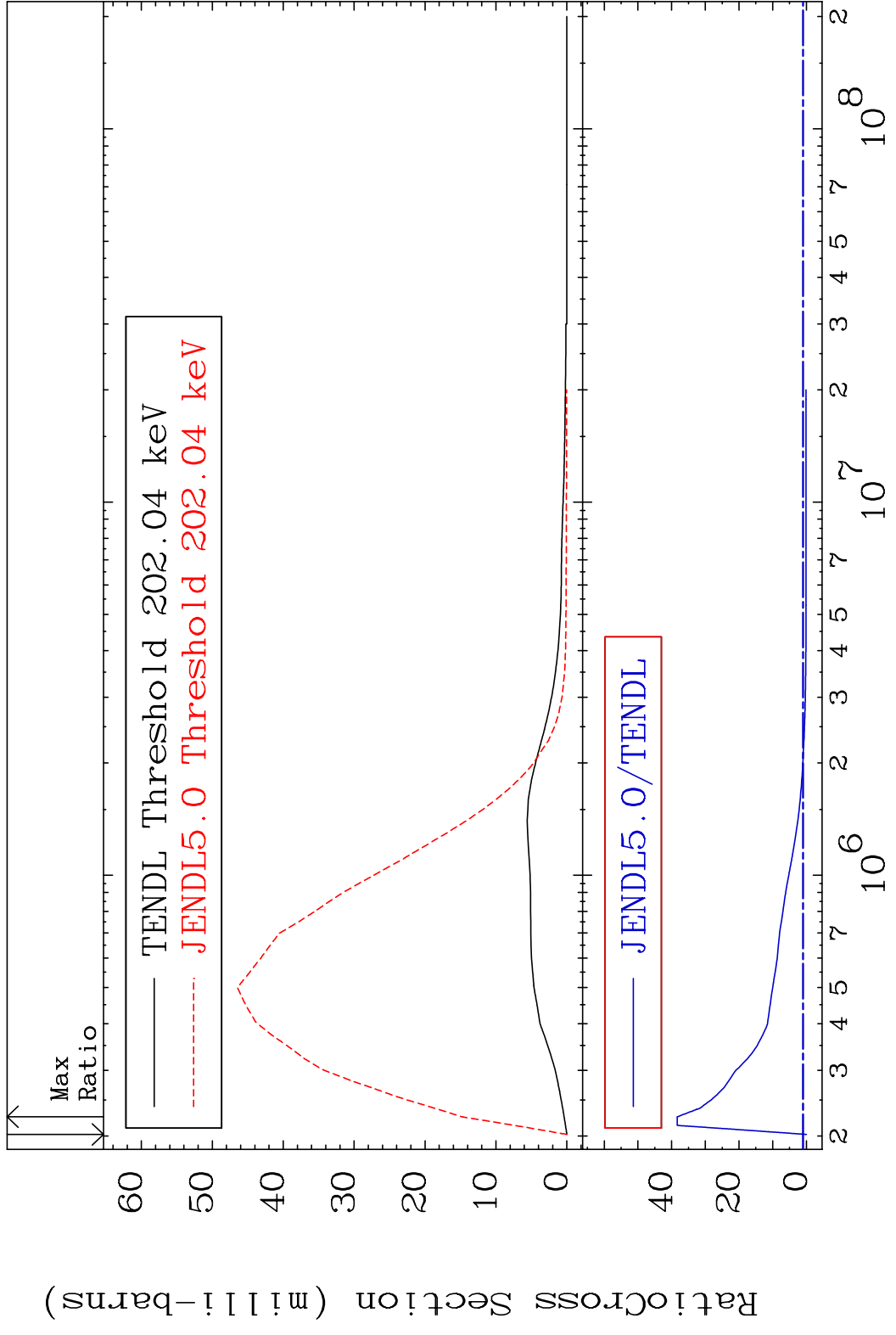
MAT 9431 MT= 54 (n, n') Level 94-Pu-237  
 Cross Section -92.26 To 2729. %



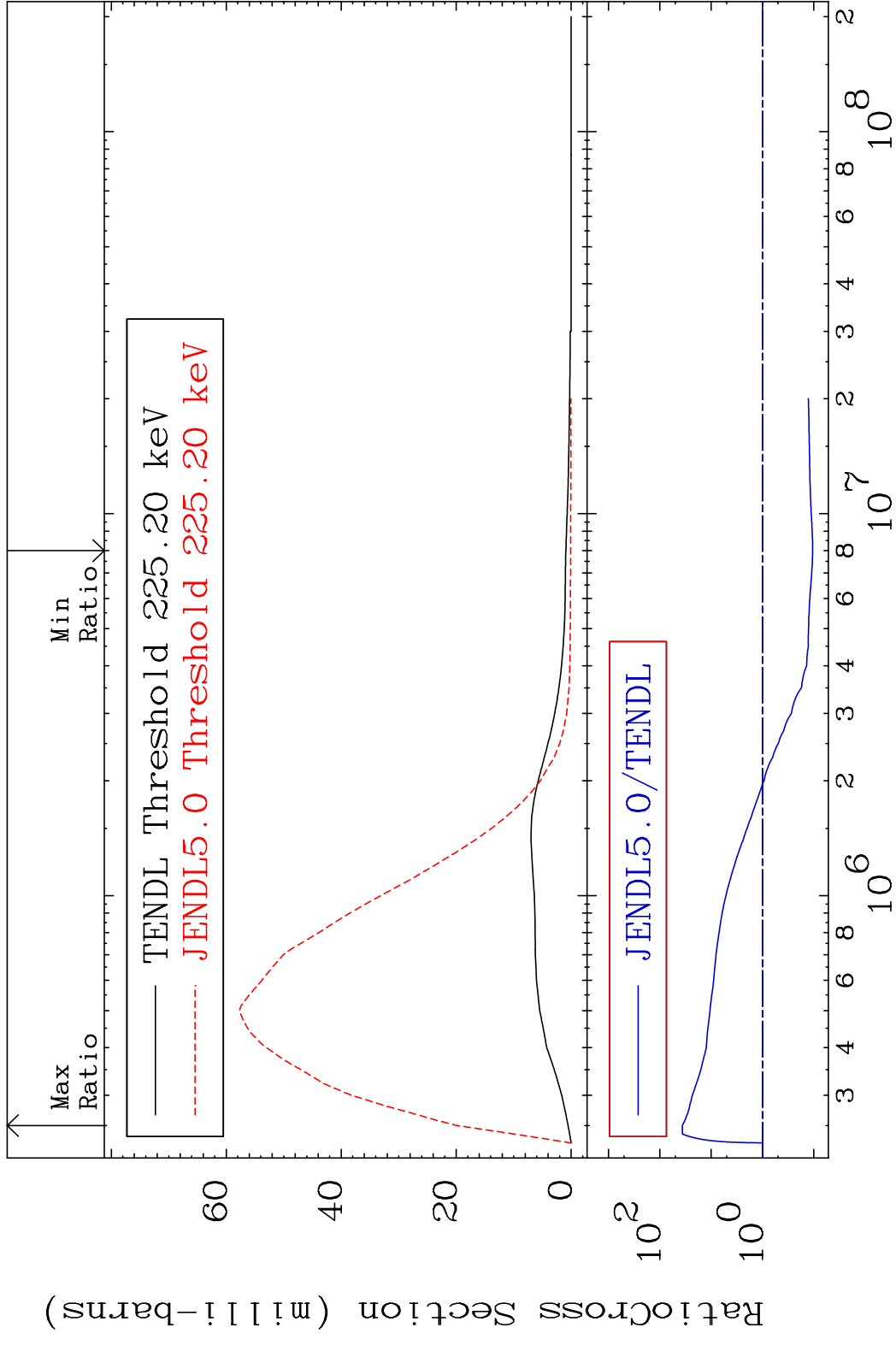
MAT 9431 MT= 55 (n,n') Level 94-Pu-237  
 Cross Section -100.0 To 1520. %



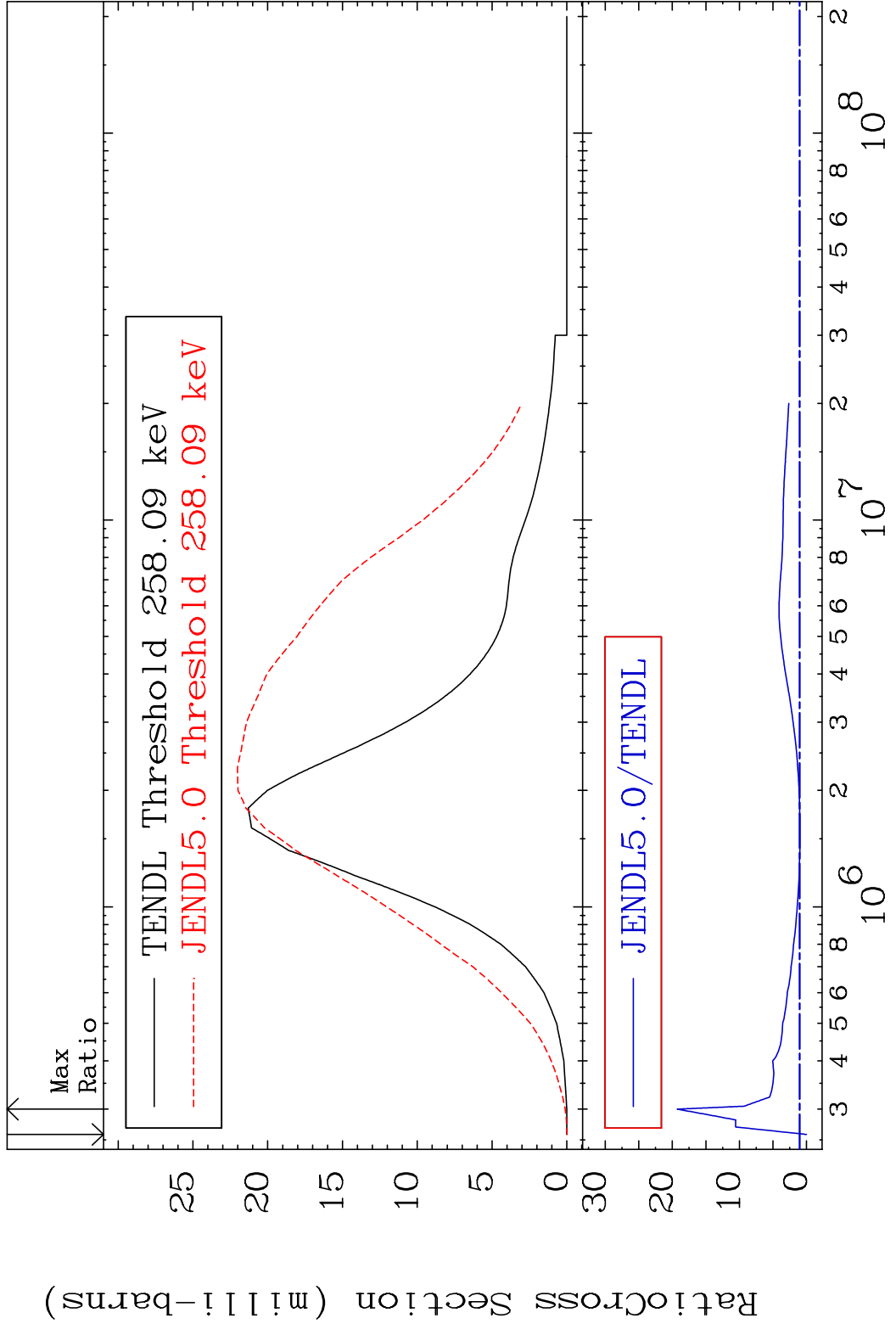
MAT 9431 MT= 56 (n,n') Level 94-Pu-237  
 Cross Section -100.0 To 3735. %



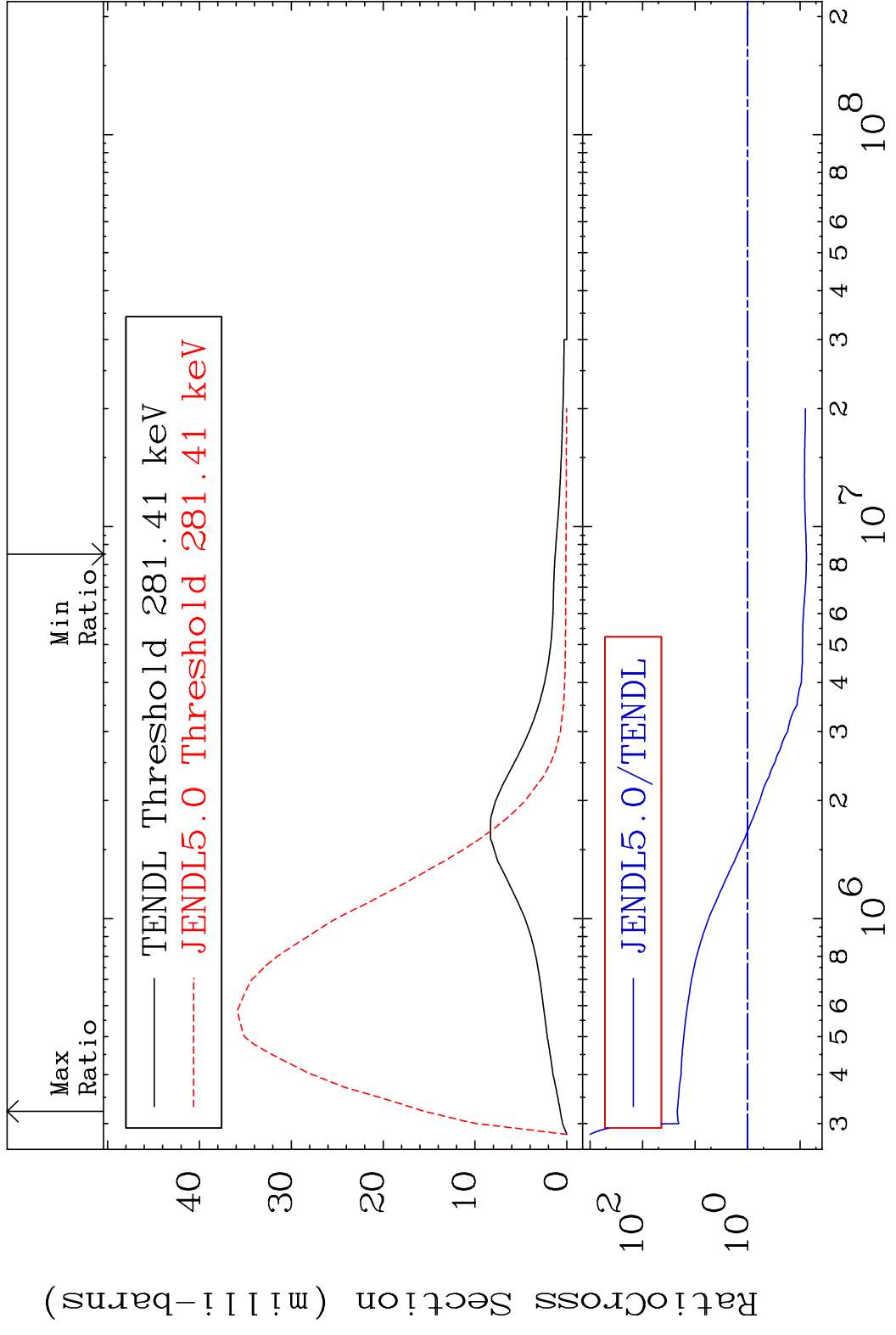
MAT 9431 MT= 57 (n,n') Level 94-Pu-237  
 Cross Section -89.47 To 3541. %



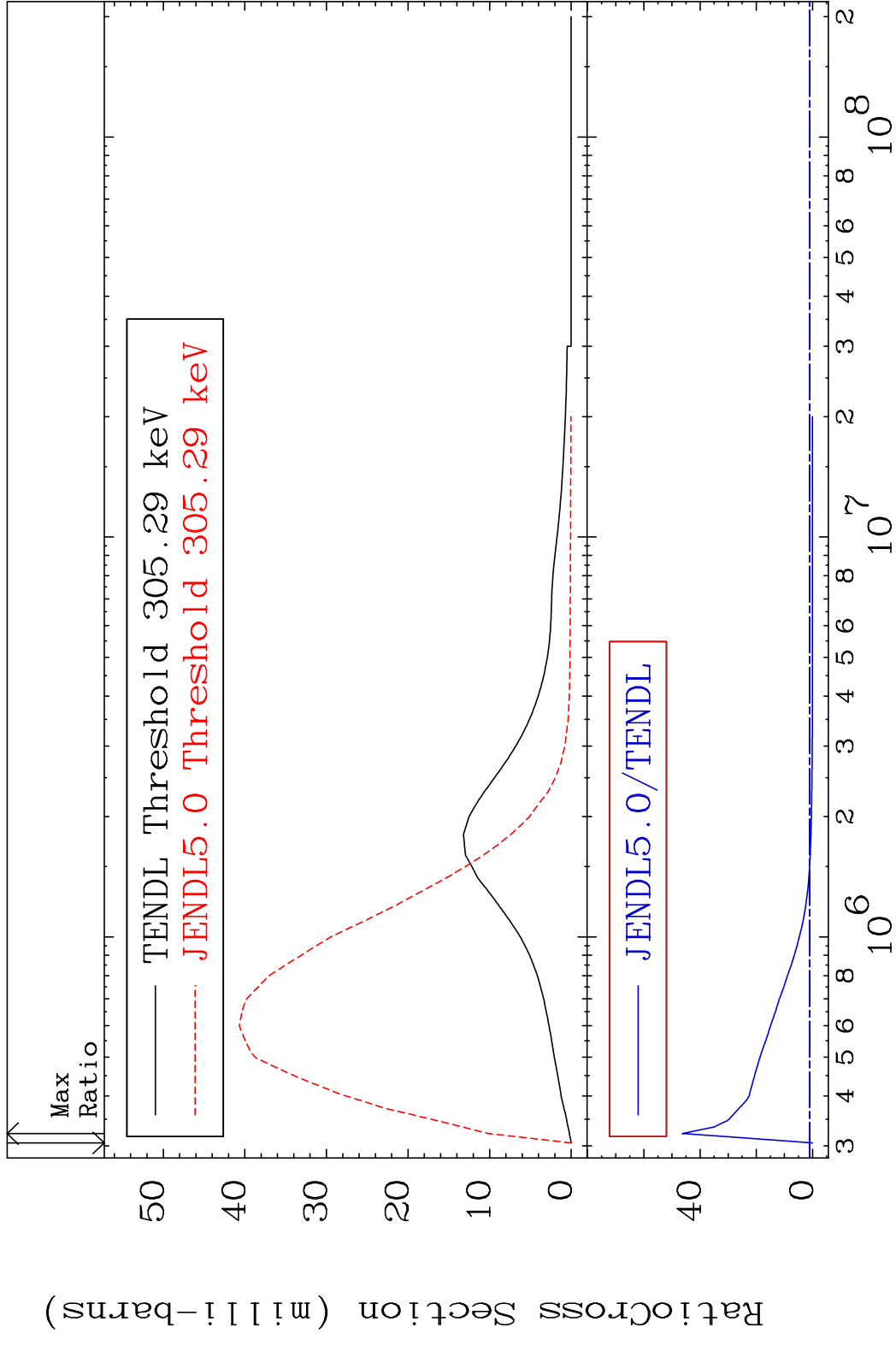
MAT 9431 MT= 58 (n,n') Level 94-Pu-237  
 Cross Section -100.0 To 1828. %



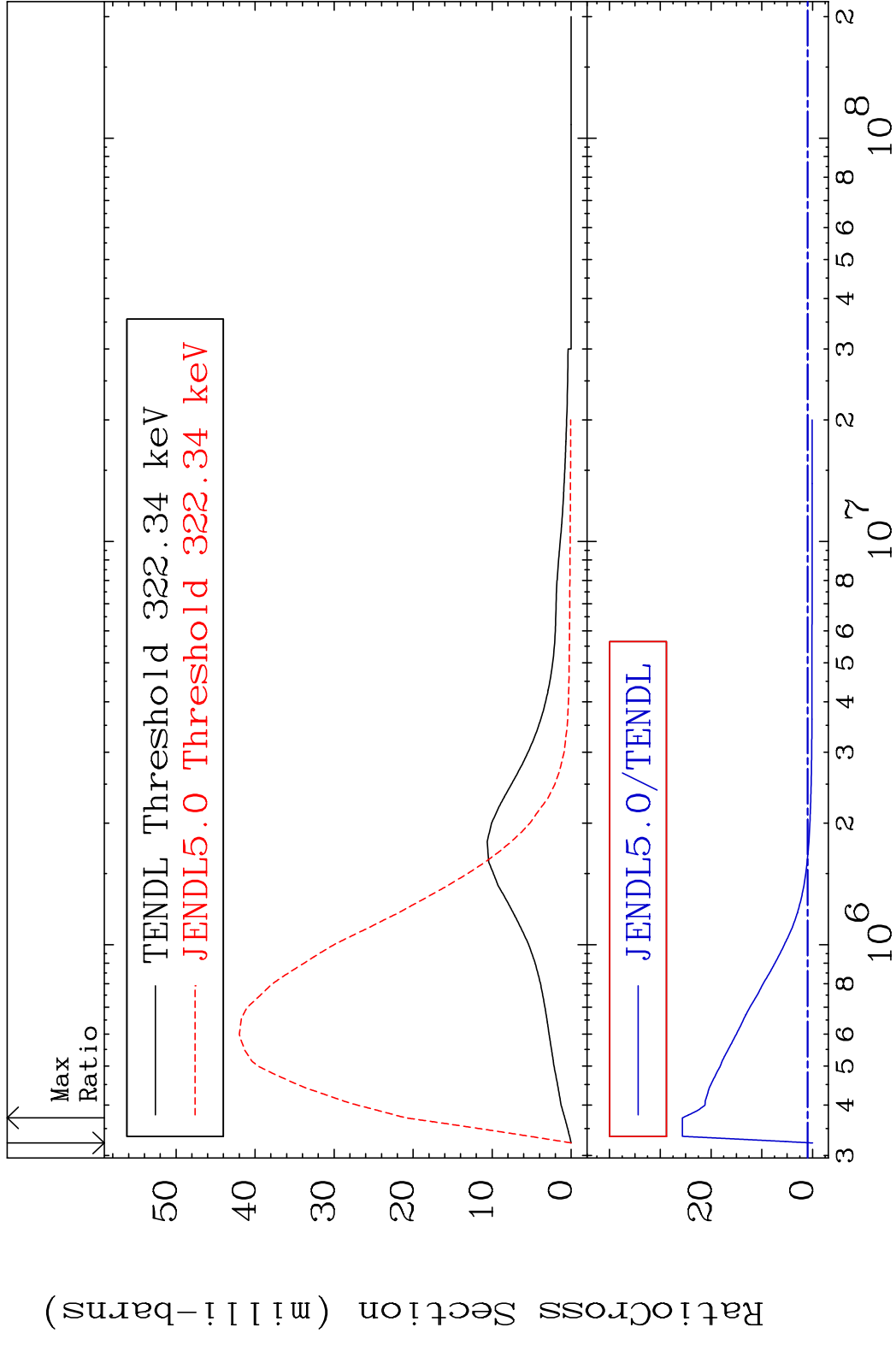
MAT 9431 MT= 59 (n, n') Level 94-Pu-237  
 Cross Section -92.43 To 2088. %



MAT 9431 MT= 60 (n,n') Level 94-Pu-237  
 Cross Section -100.0 To 4530. %



MAT 9431 MT= 61 (n,n') Level 94-Pu-237  
 Cross Section -100.0 To 2464. %



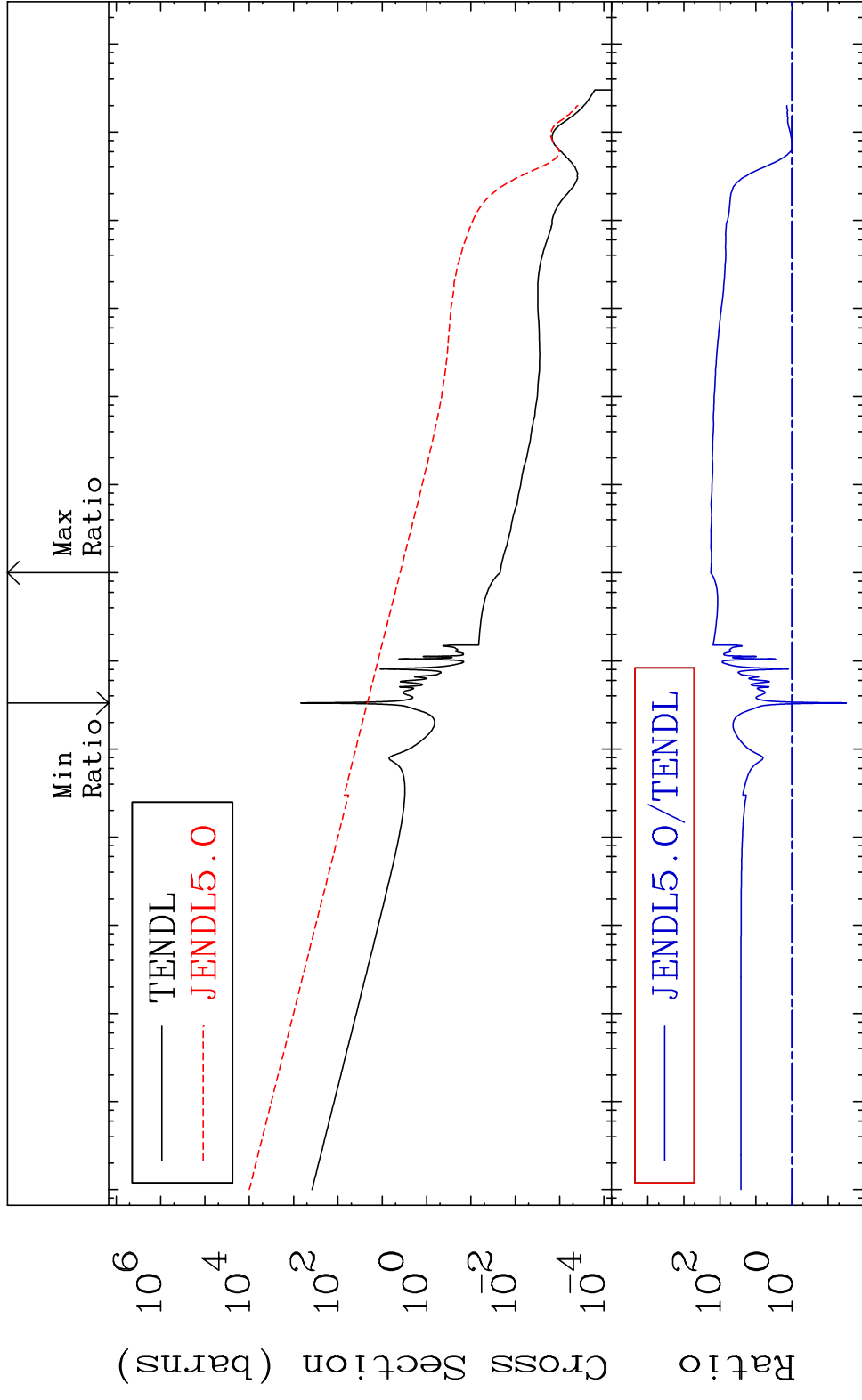


MAT 9431

94-Pu-237

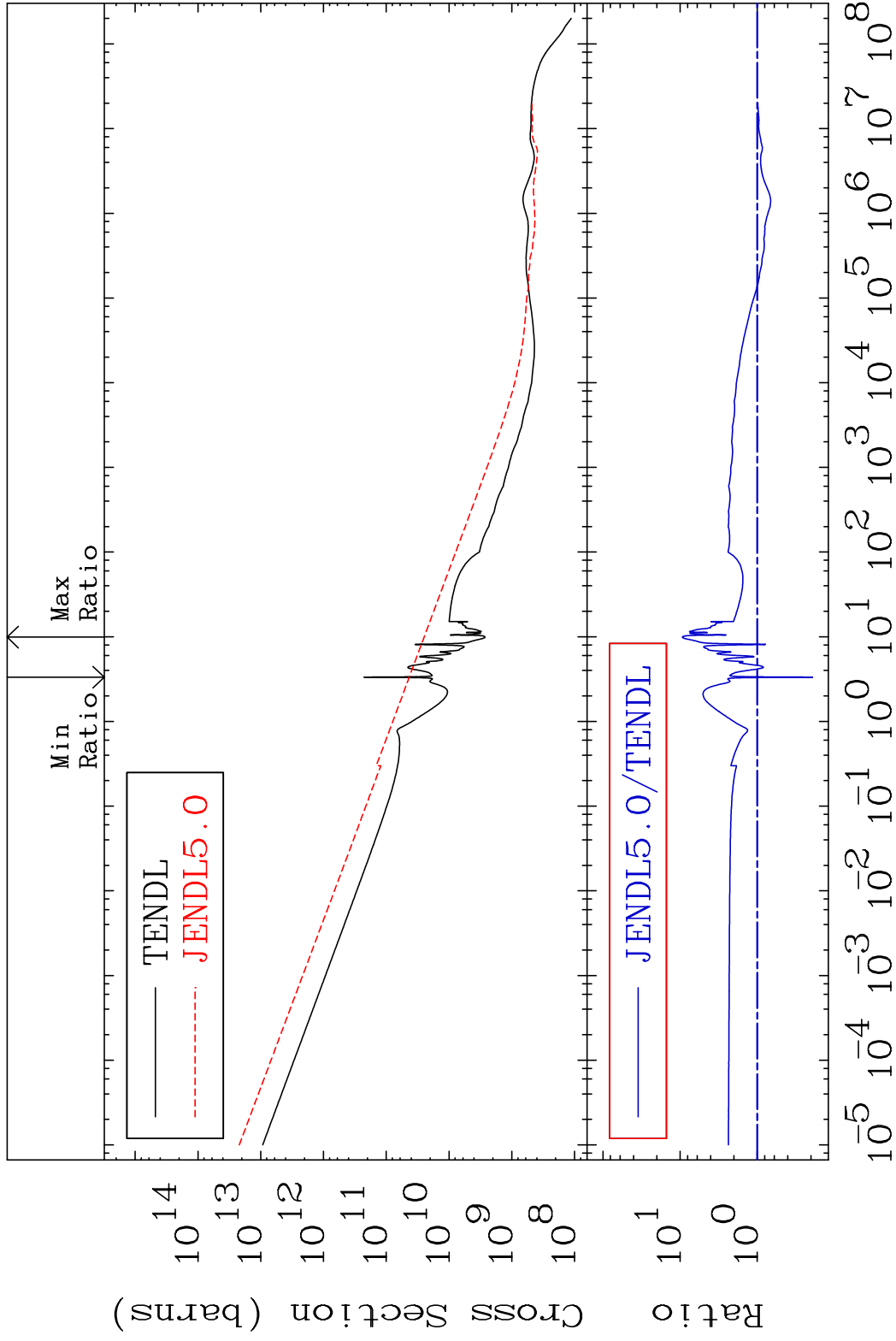
(n,  $\gamma$ )

Cross Section -96.87 To 9999. %



MAT 9431

Kerma total (eV-barns) 94-Pu-237  
Cross Section -80.88 To 833.5 %

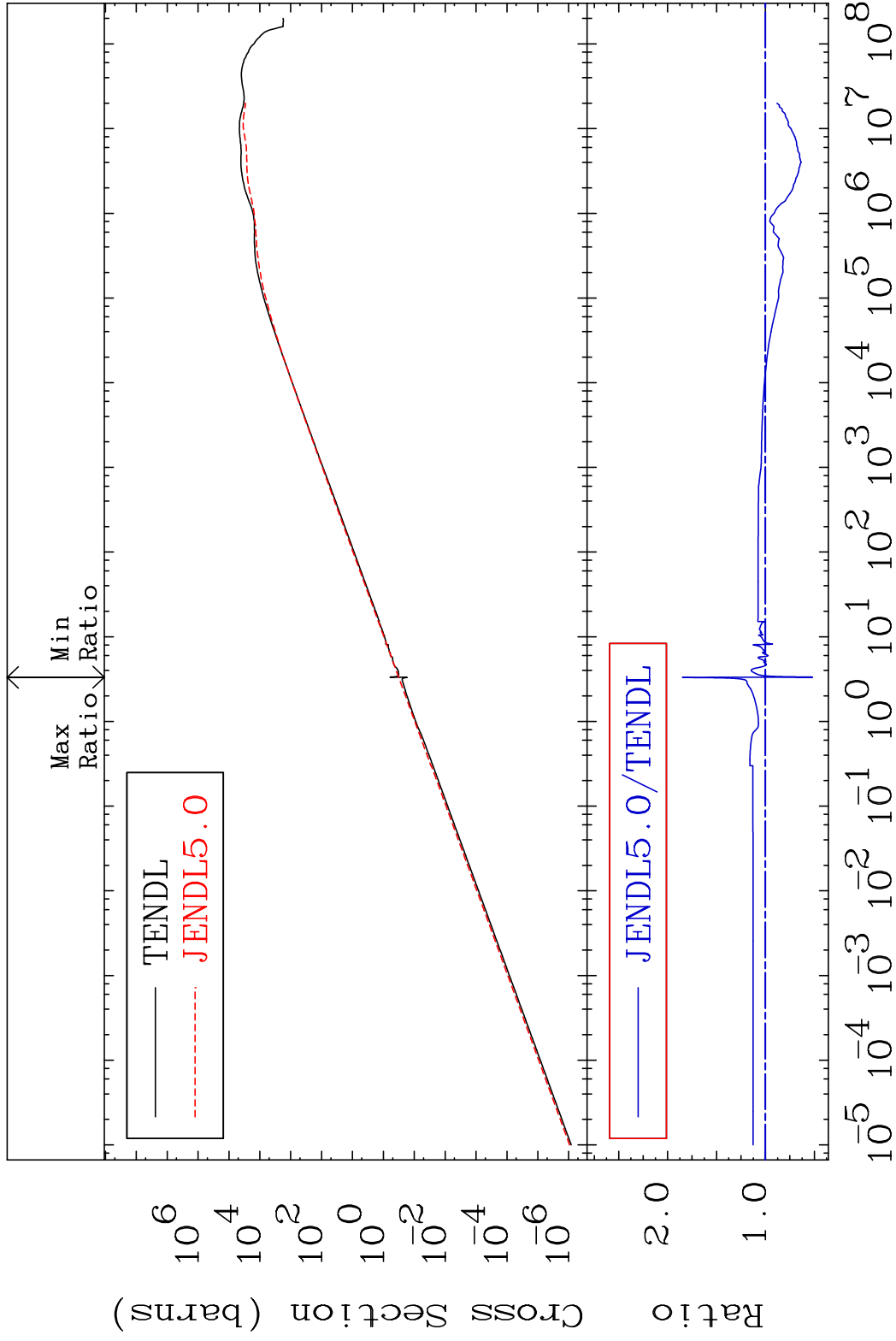


20

MAT 9431

Kerma elastic  
Cross Section -48.18 To 84.93 %

94-Pu-237

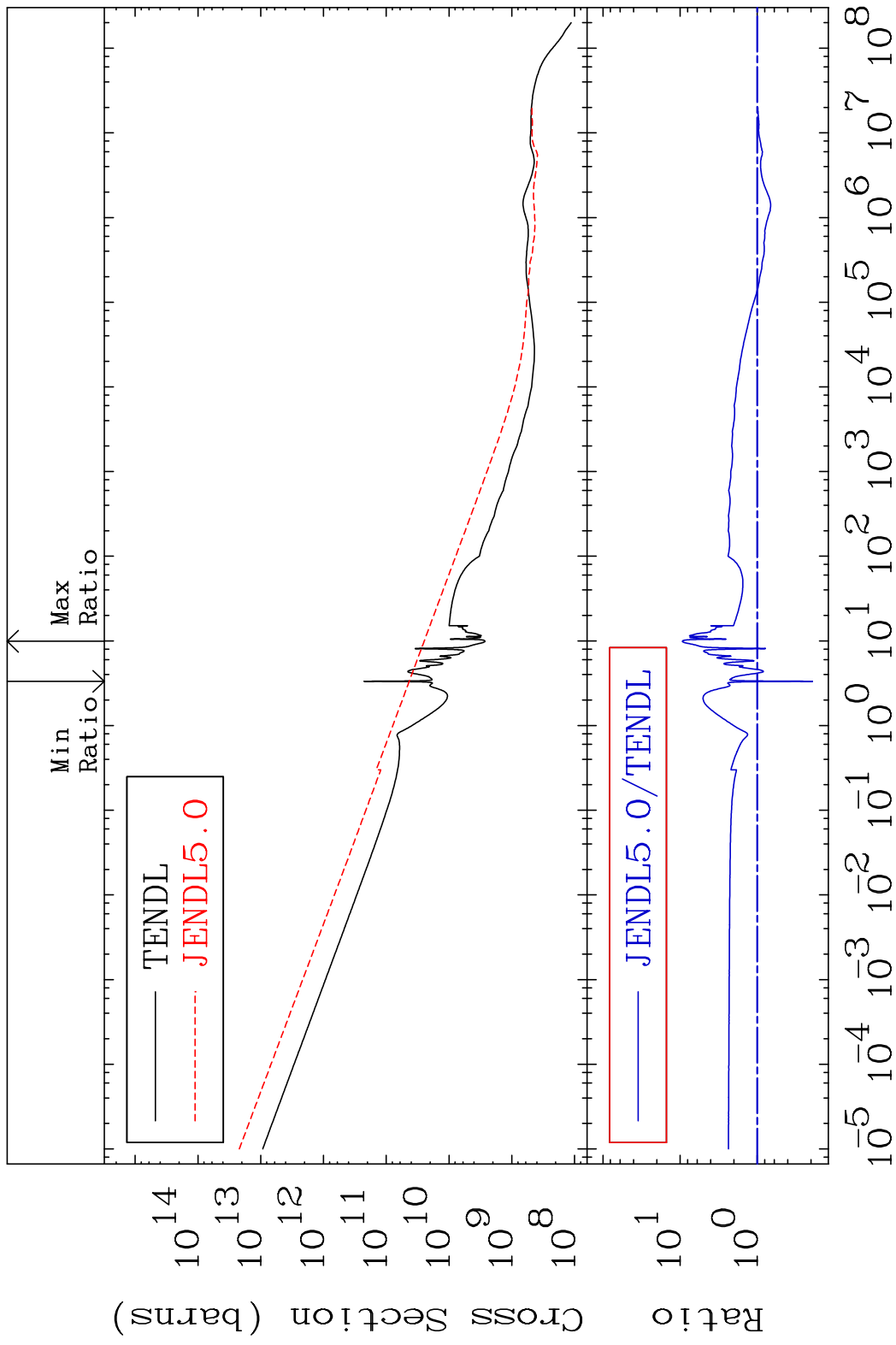


21

Incident Energy (eV)

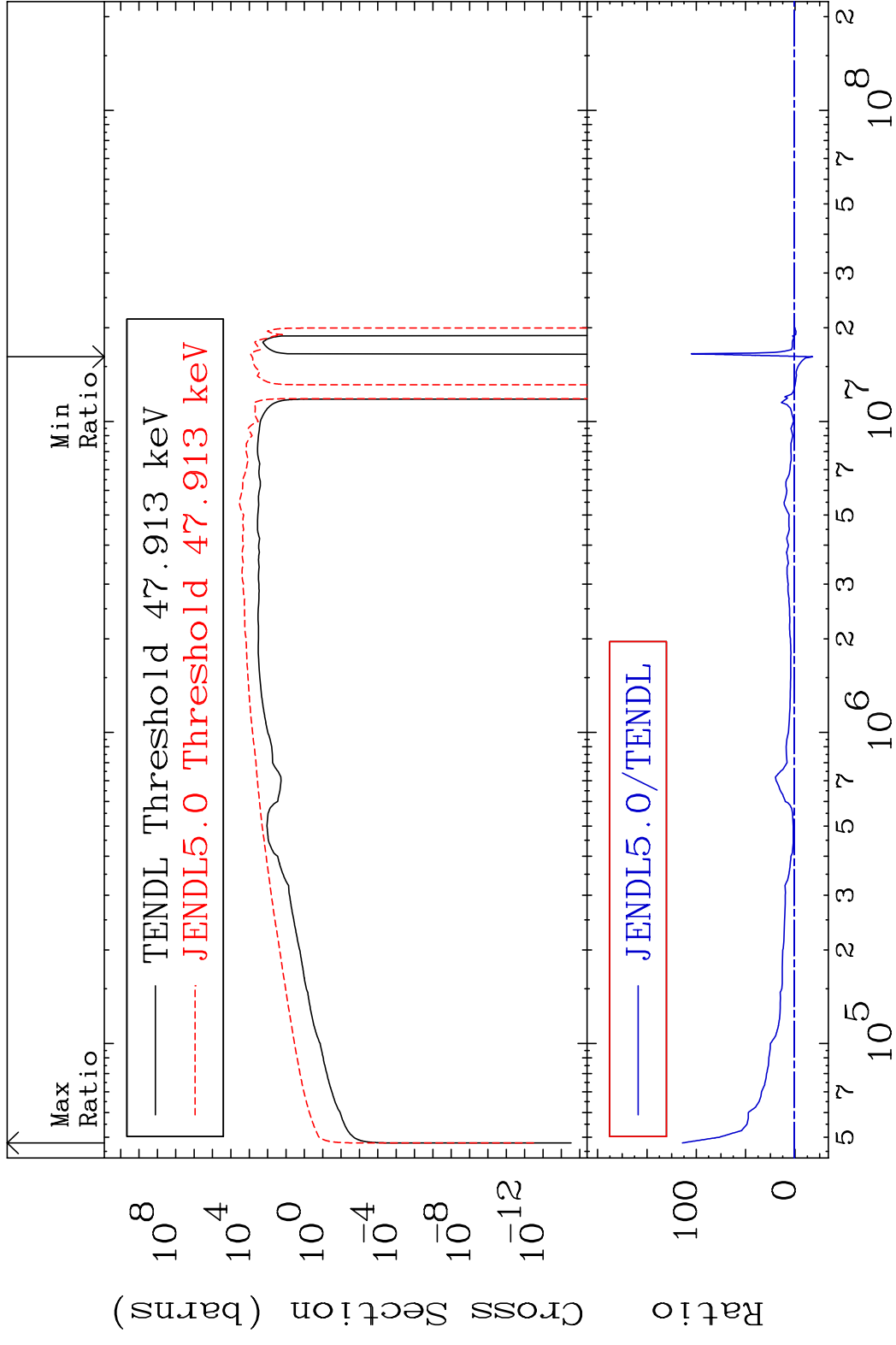
94-Pu-237

MAT 9431 Kerma non-elastic (all but mt2) 94-Pu-237  
 Cross Section -80.88 To 833.5 %

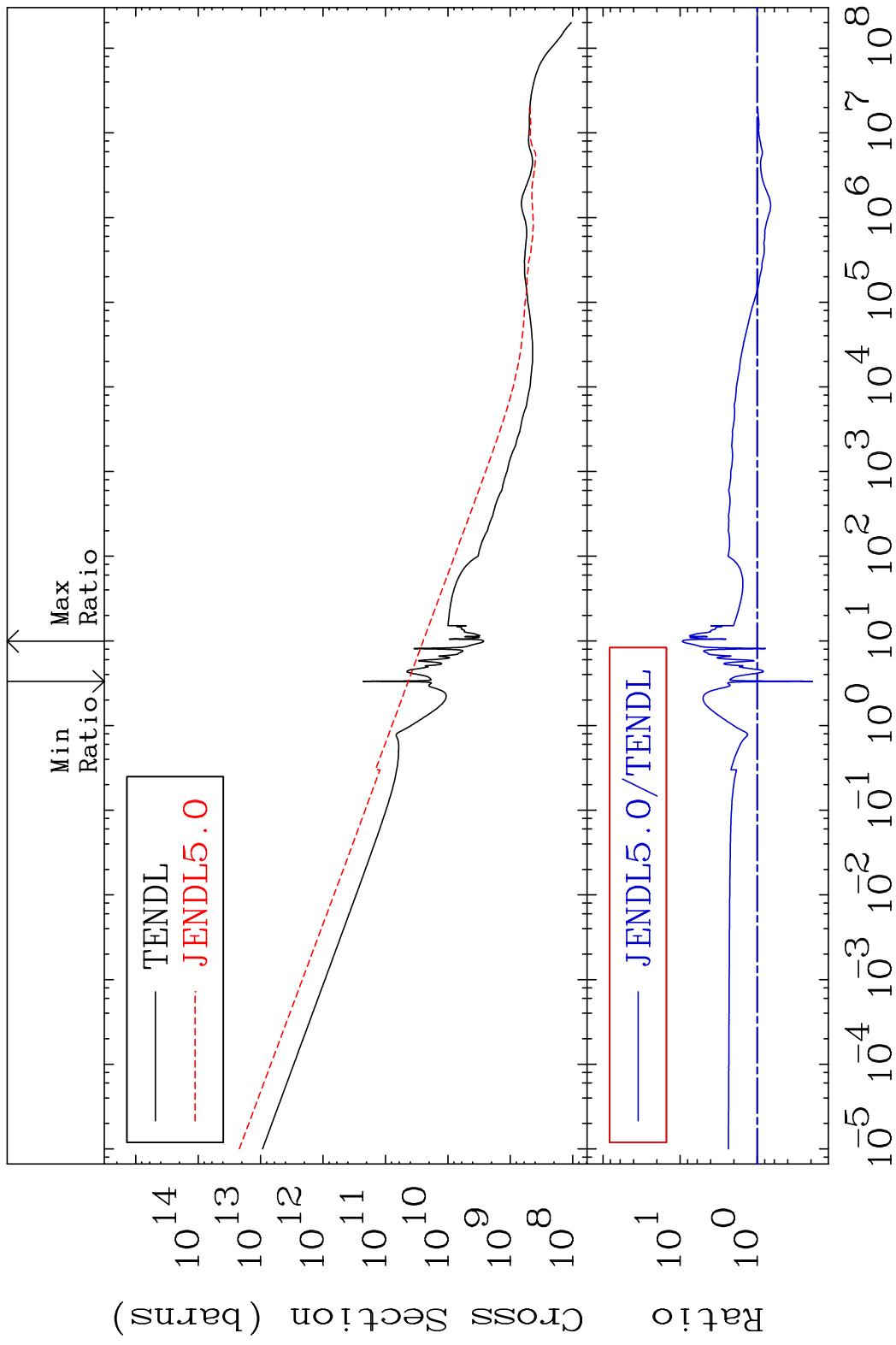


22 Incident Energy (eV) 94-Pu-237

MAT 9431 Kerma inelastic (mt51-91) 94-Pu-237  
 Cross Section -1877. To 9999. %

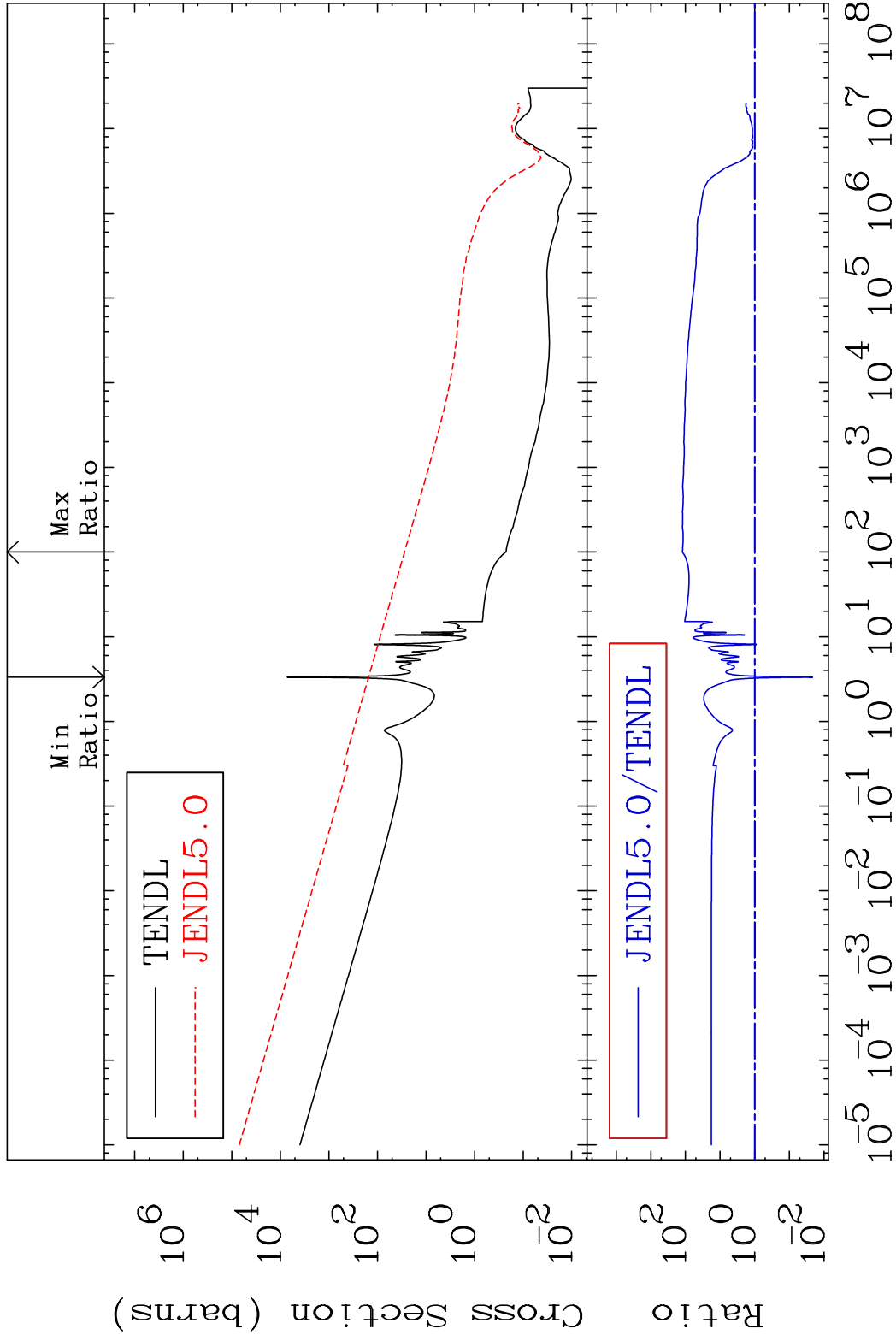


MAT 9431 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-237  
 Cross Section -80.88 To 833.5 %



MAT 9431

Kerma capture (mt102) 94-Pu-237  
Cross Section -97.87 To 9999. %



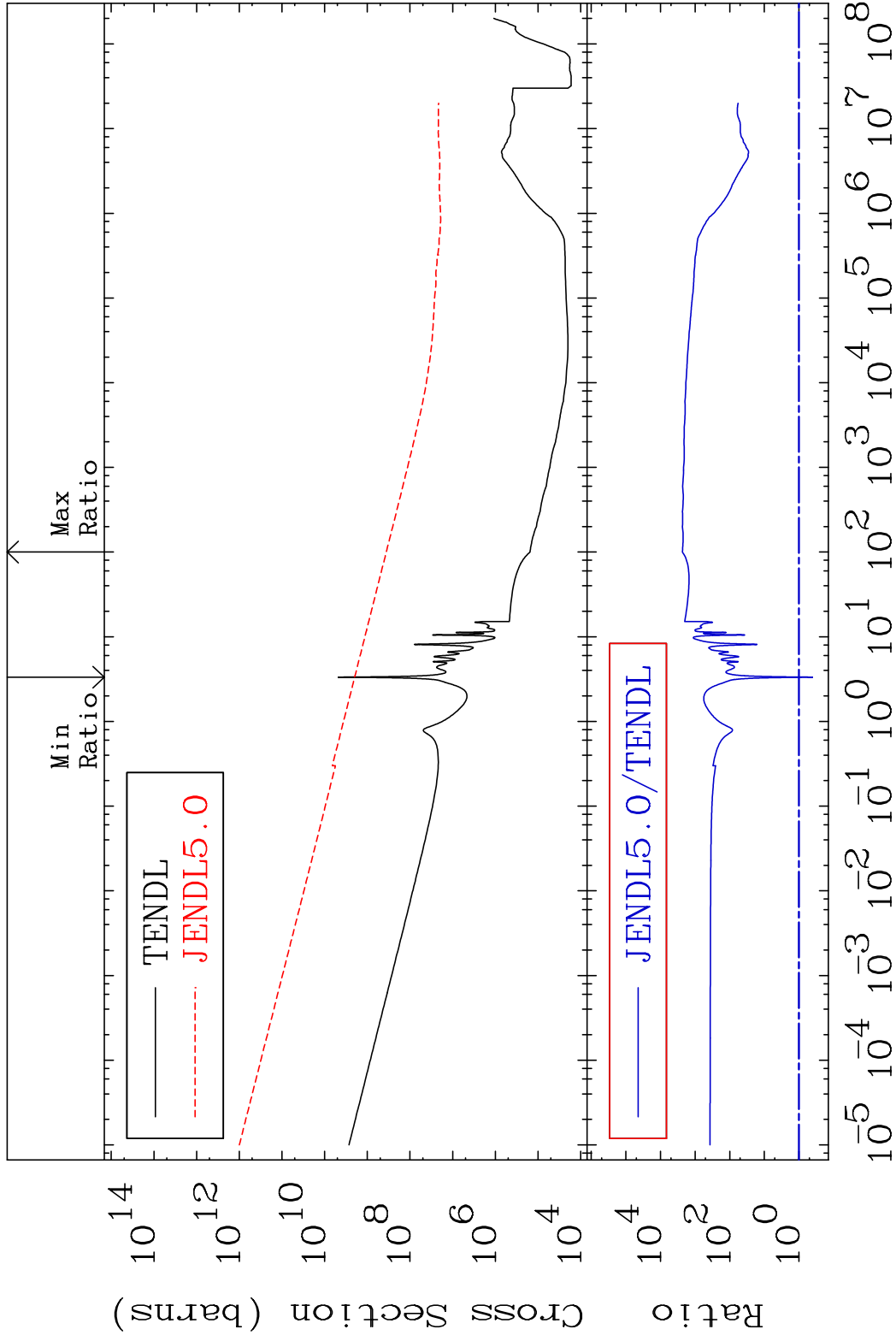
25

Incident Energy (eV)

94-Pu-237

MAT 9431

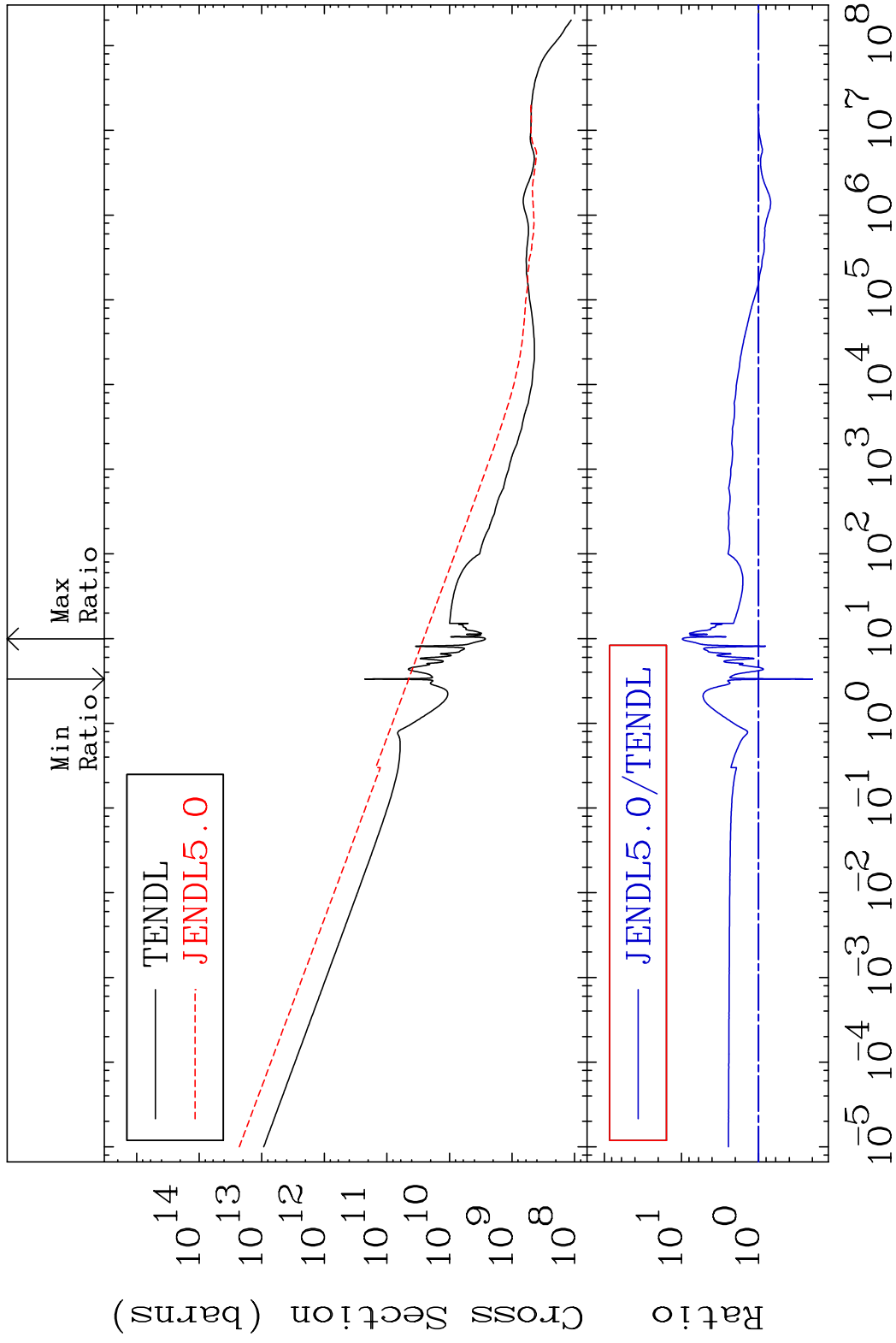
Total photon (eV-barns) 94-Pu-237  
Cross Section -59.45 To 9999. %



26

Incident Energy (eV) 94-Pu-237

MAT 9431 Total kinematic kerma (high limit) 94-Pu-237  
 Cross Section -80.07 To 873.0 %

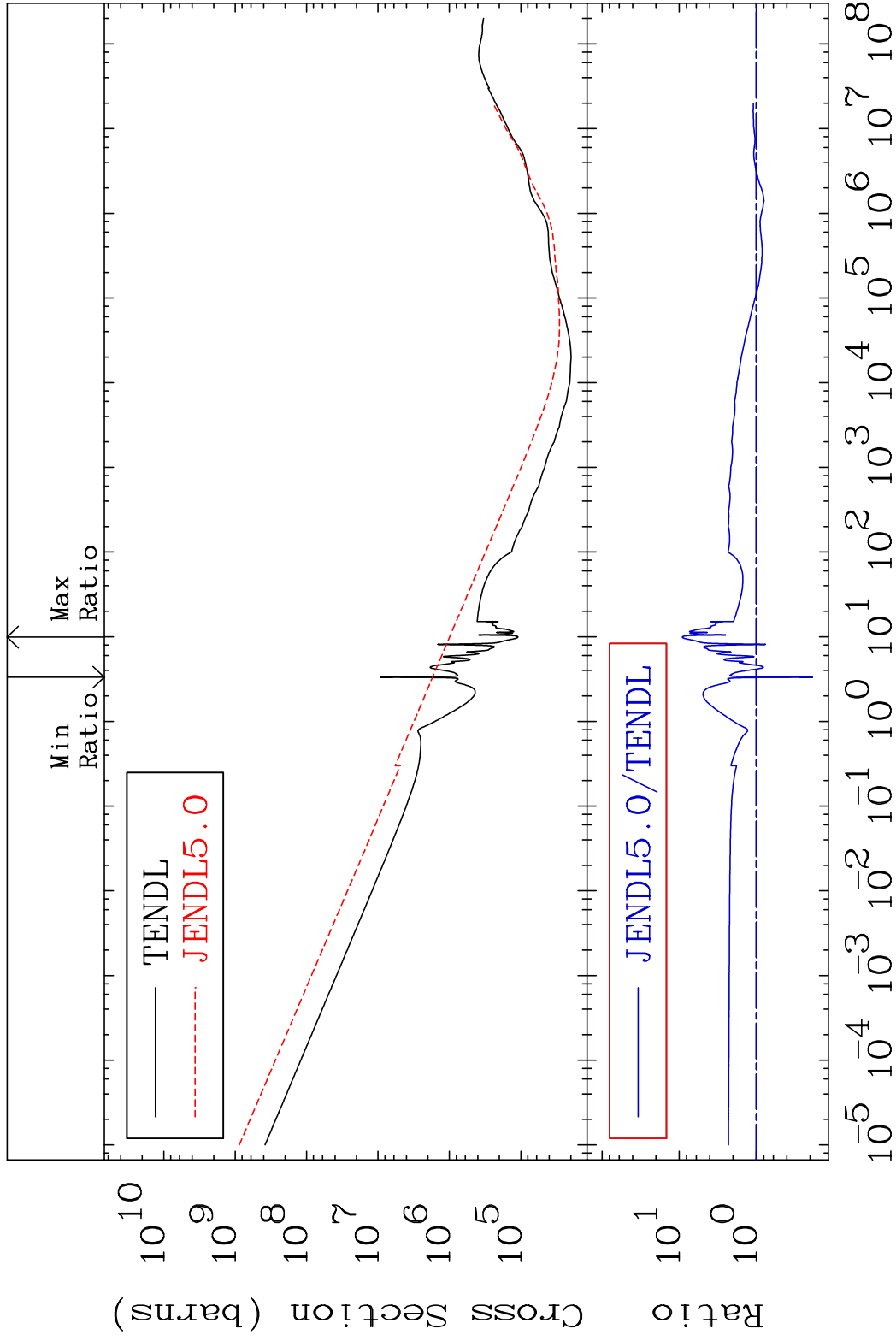


MAT 9431

Dpa total (eV-barns)

94-Pu-237

Cross Section -81.40 To 808.0 %



28

Incident Energy (eV)

94-Pu-237

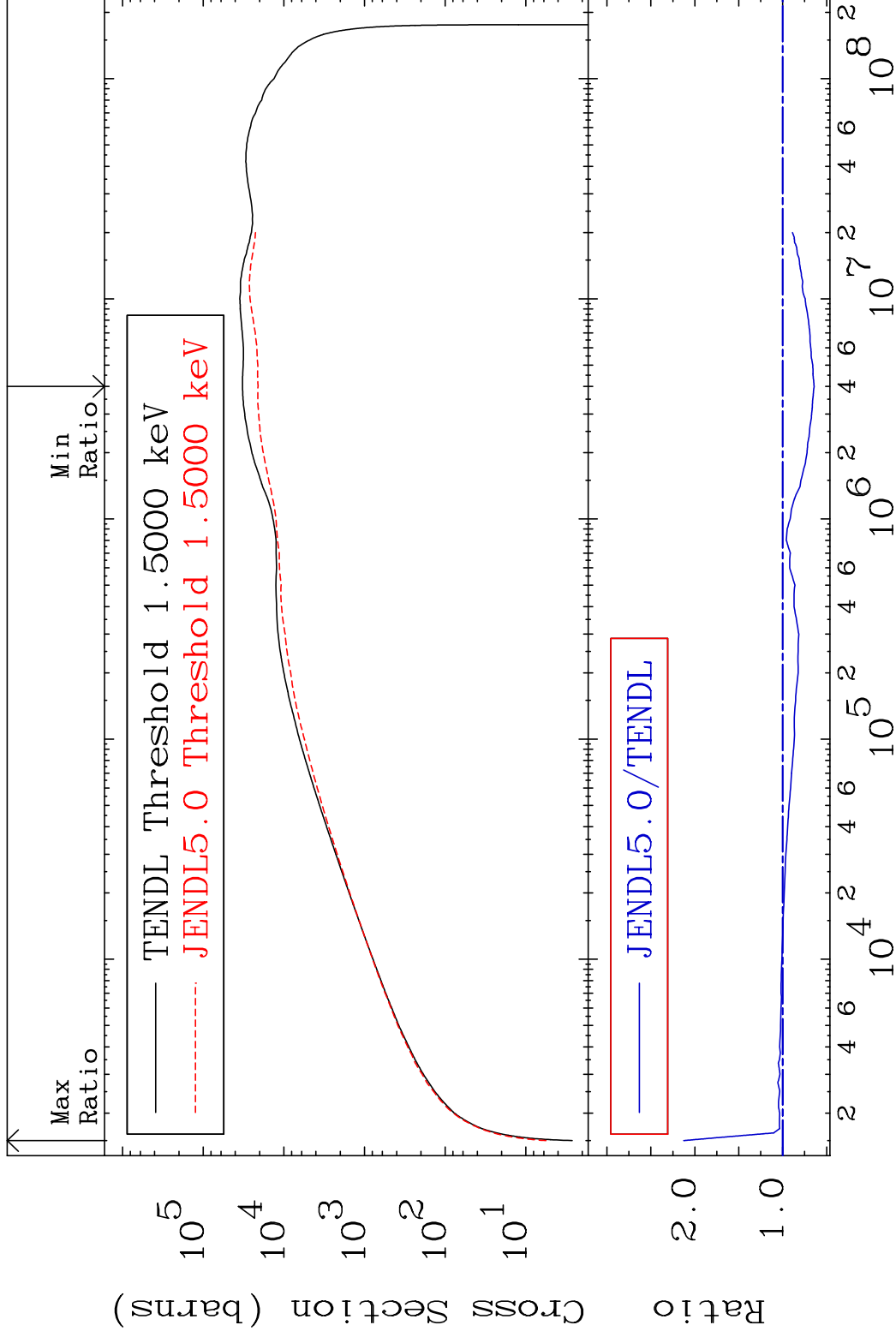
MAT 9431

Dpa elastic (mt2)

94-Pu-237

Cross Section

-35.76 To 112.7 %

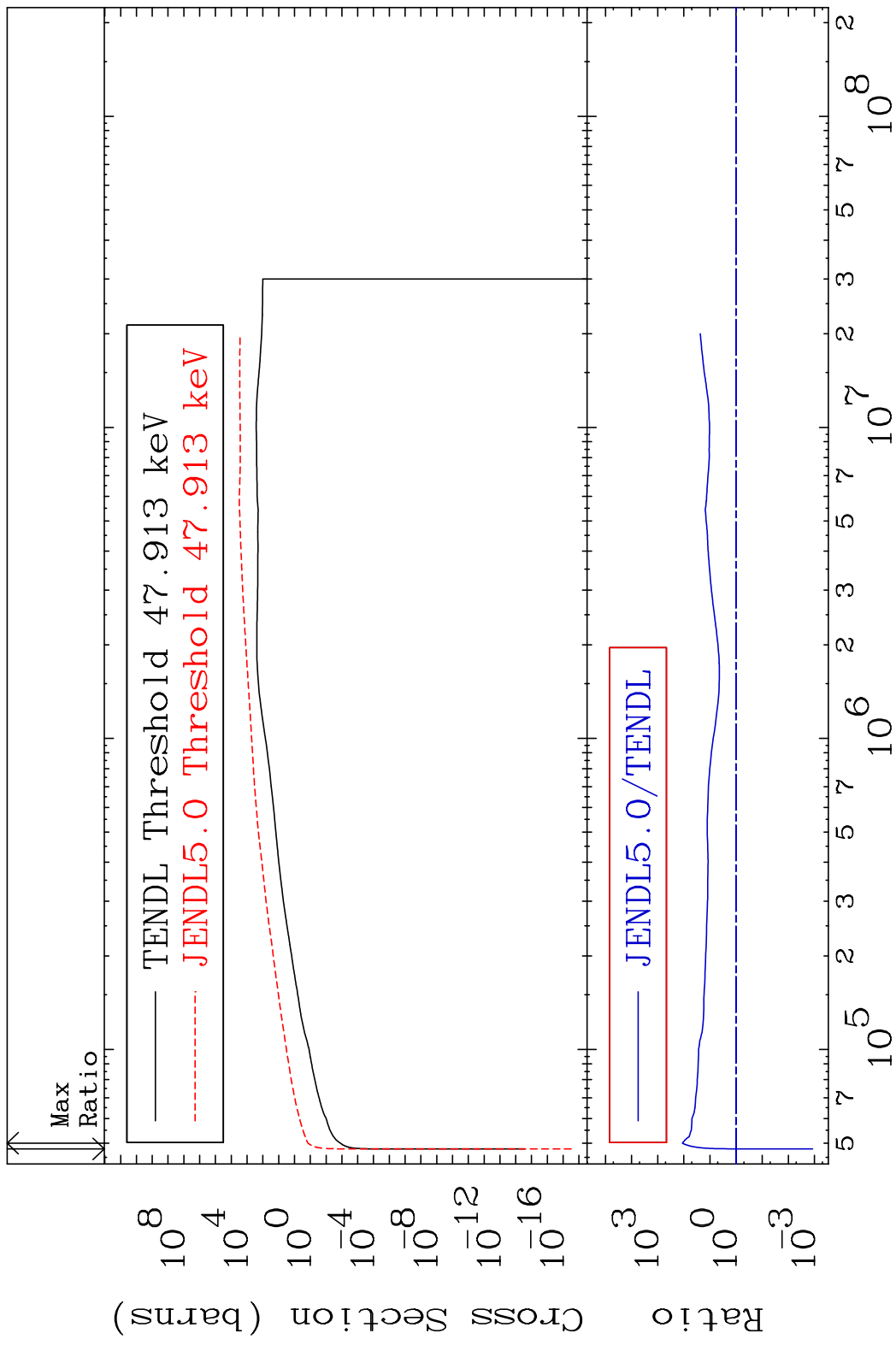


29

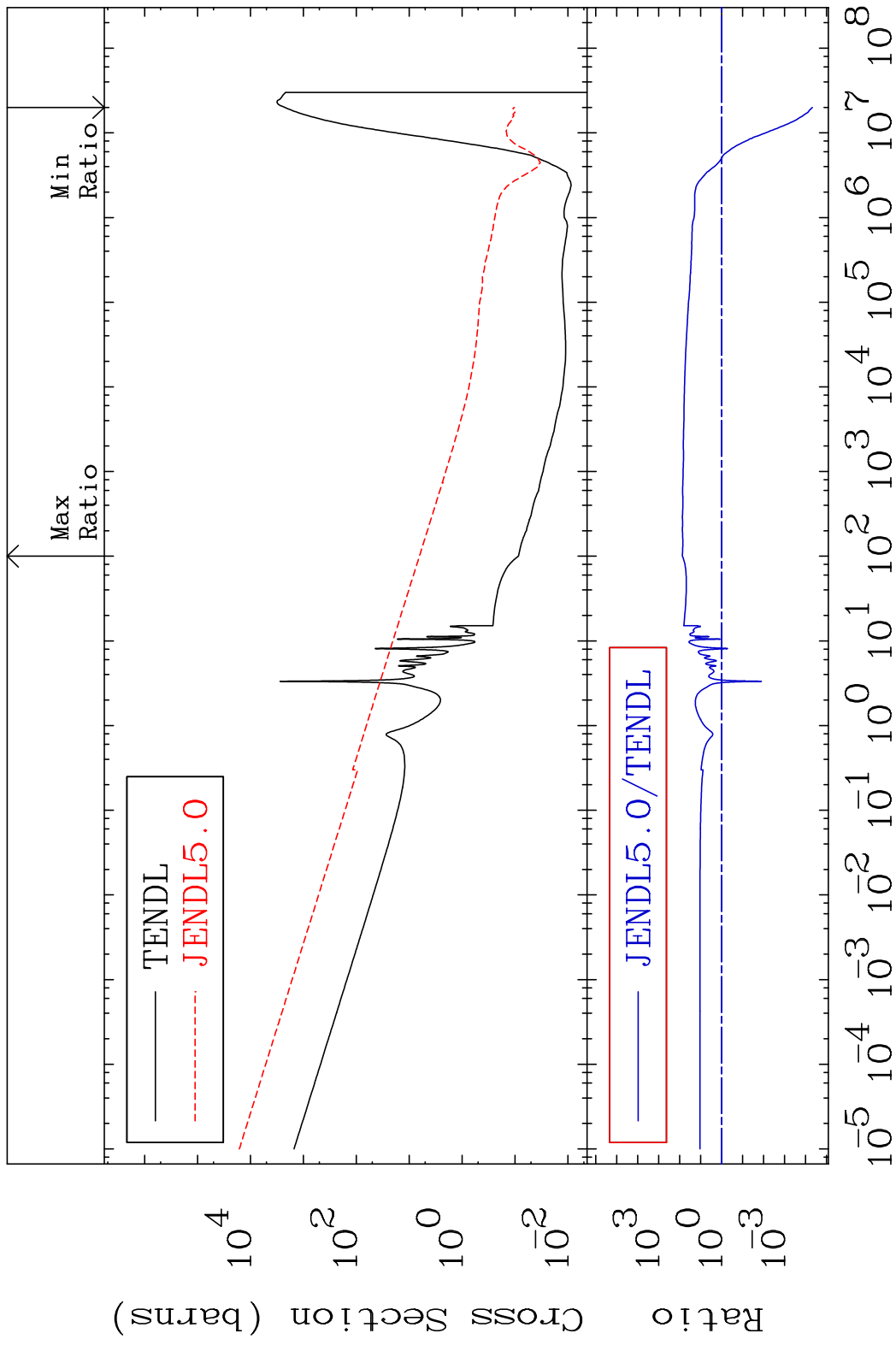
Incident Energy (eV)

94-Pu-237

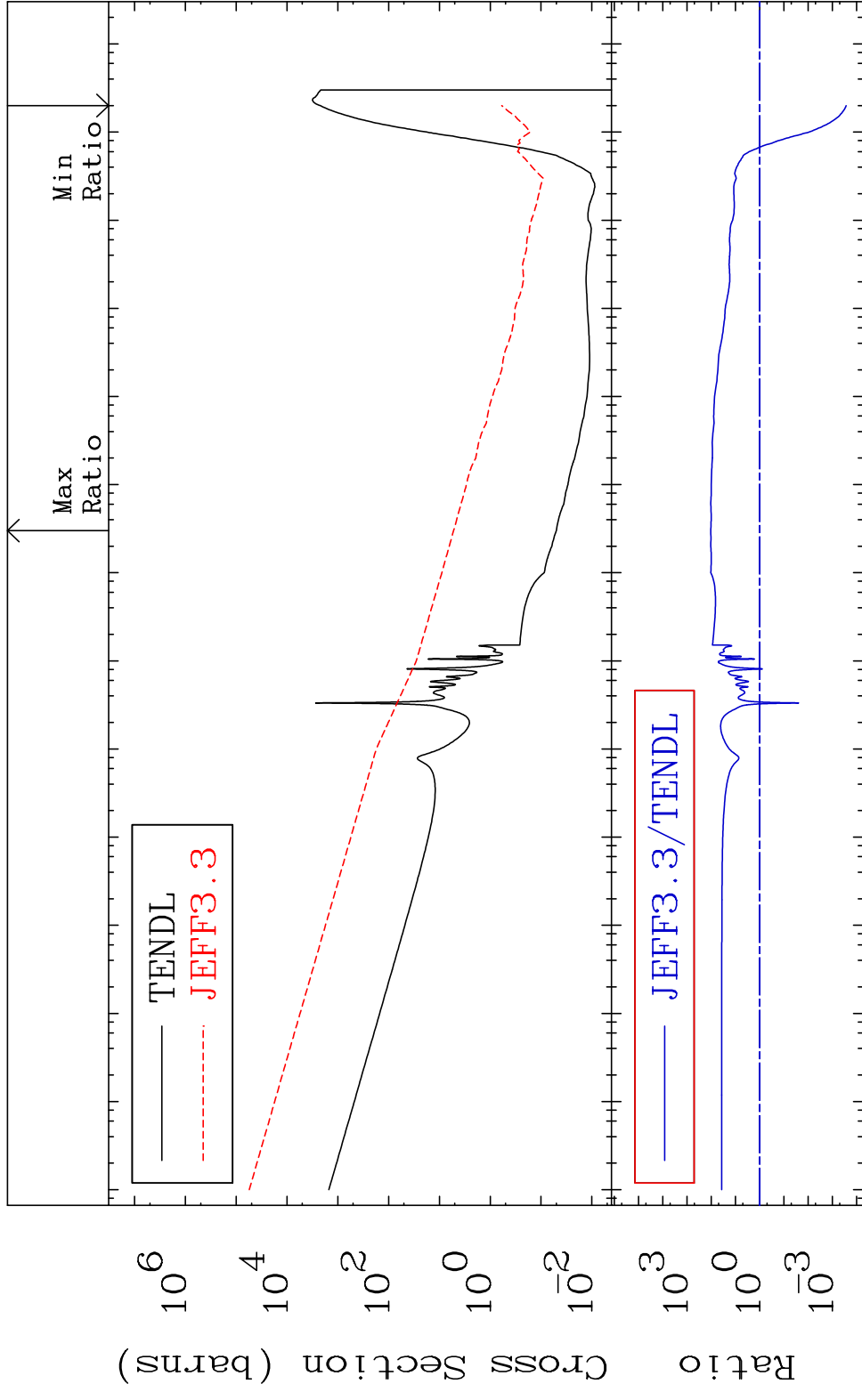
MAT 9431      Dpa inelastic (mt51-91)      94-Pu-237  
 Cross Section      -99.88 To 9999. %



MAT 9431 Dpa disappearance (mt102 -120) 94-Pu-237  
 Cross Section -100.0 To 7358. %



MAT 9431 Dpa disappearance (mt102 -120) 94-Pu-237  
 Cross Section -99.97 To 9999. %

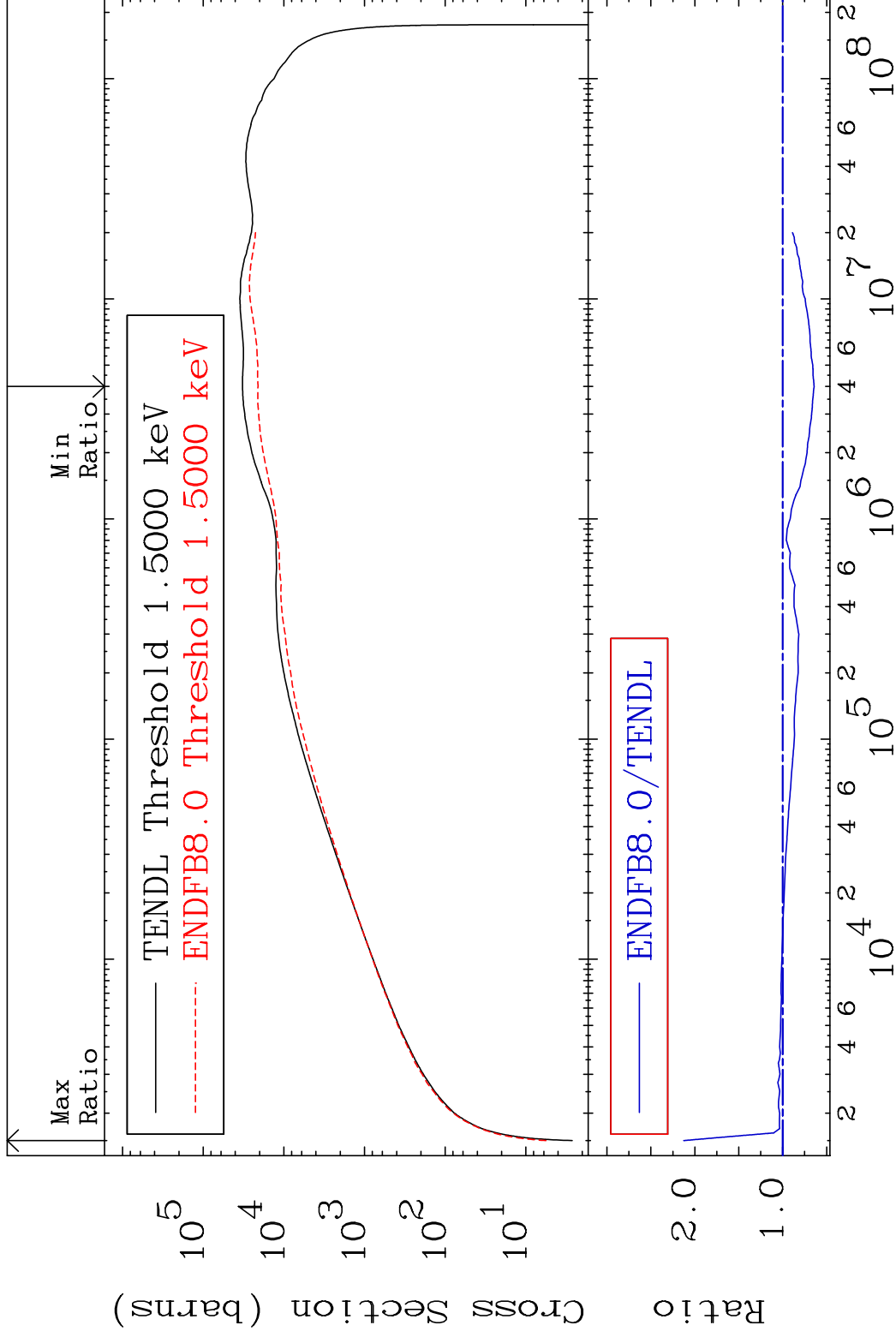


MAT 9431

Dpa elastic (mt2)

94-Pu-237

Cross Section -35.76 To 112.7 %

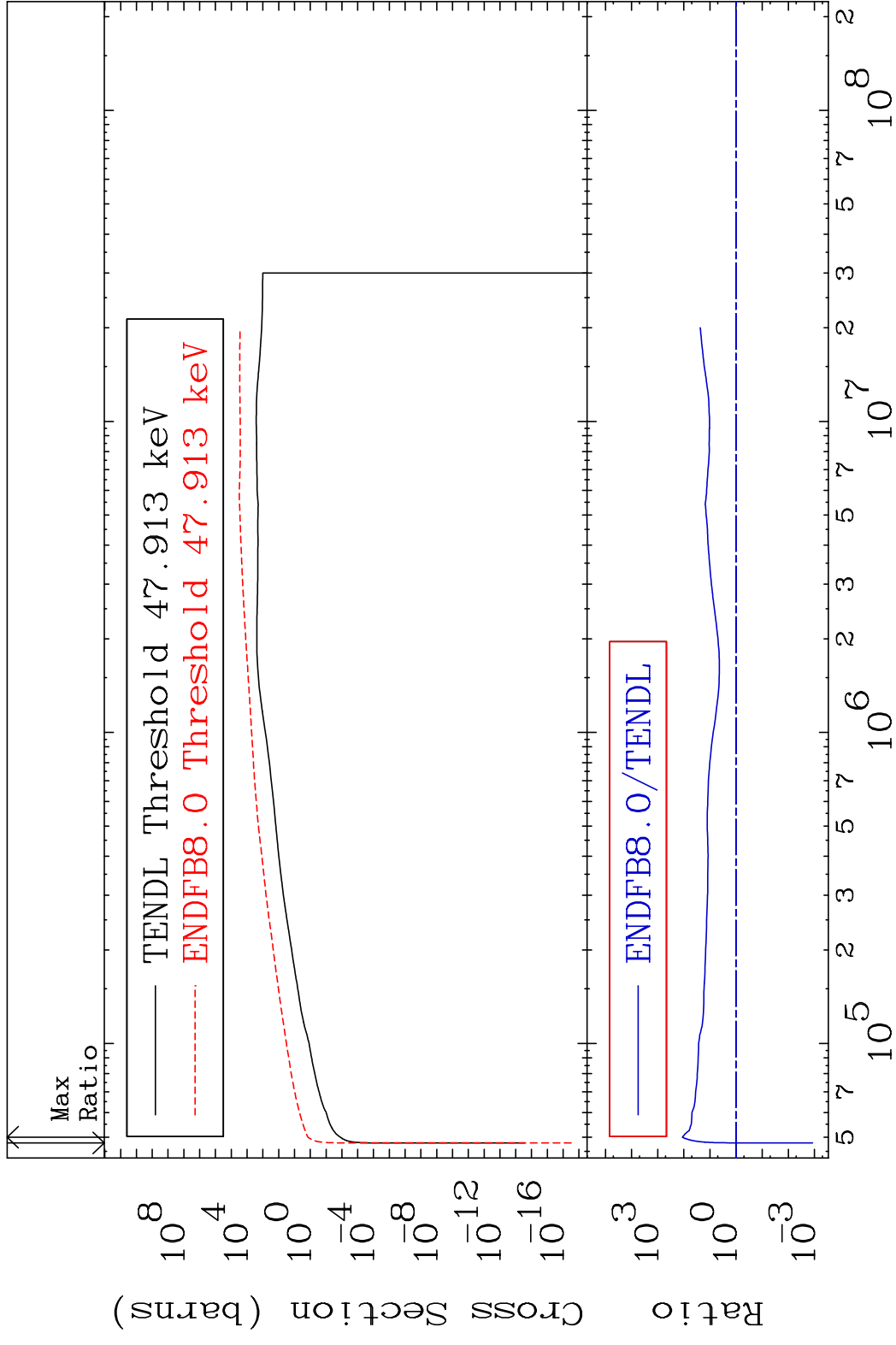


33

Incident Energy (eV)

94-Pu-237

MAT 9431      Dpa inelastic (mt51-91)      94-Pu-237  
 Cross Section      -99.88 To 9999. %



MAT 9431 Dpa disappearance (mt102 -120) 94-Pu-237  
 Cross Section -100.0 To 7358. %

