

Program Complot  
(Version 2018-1)

by

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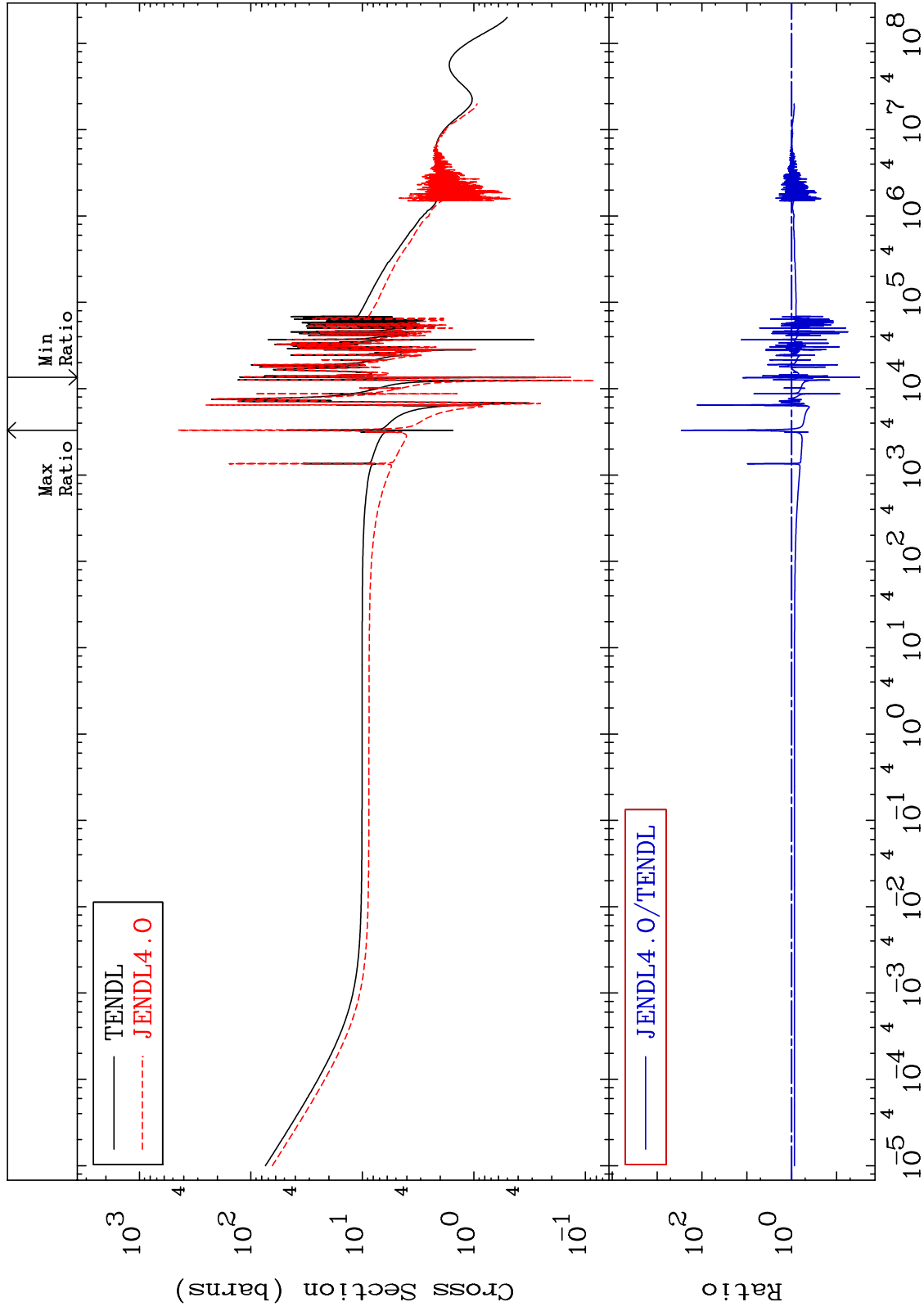
Press Mouse Button to Start



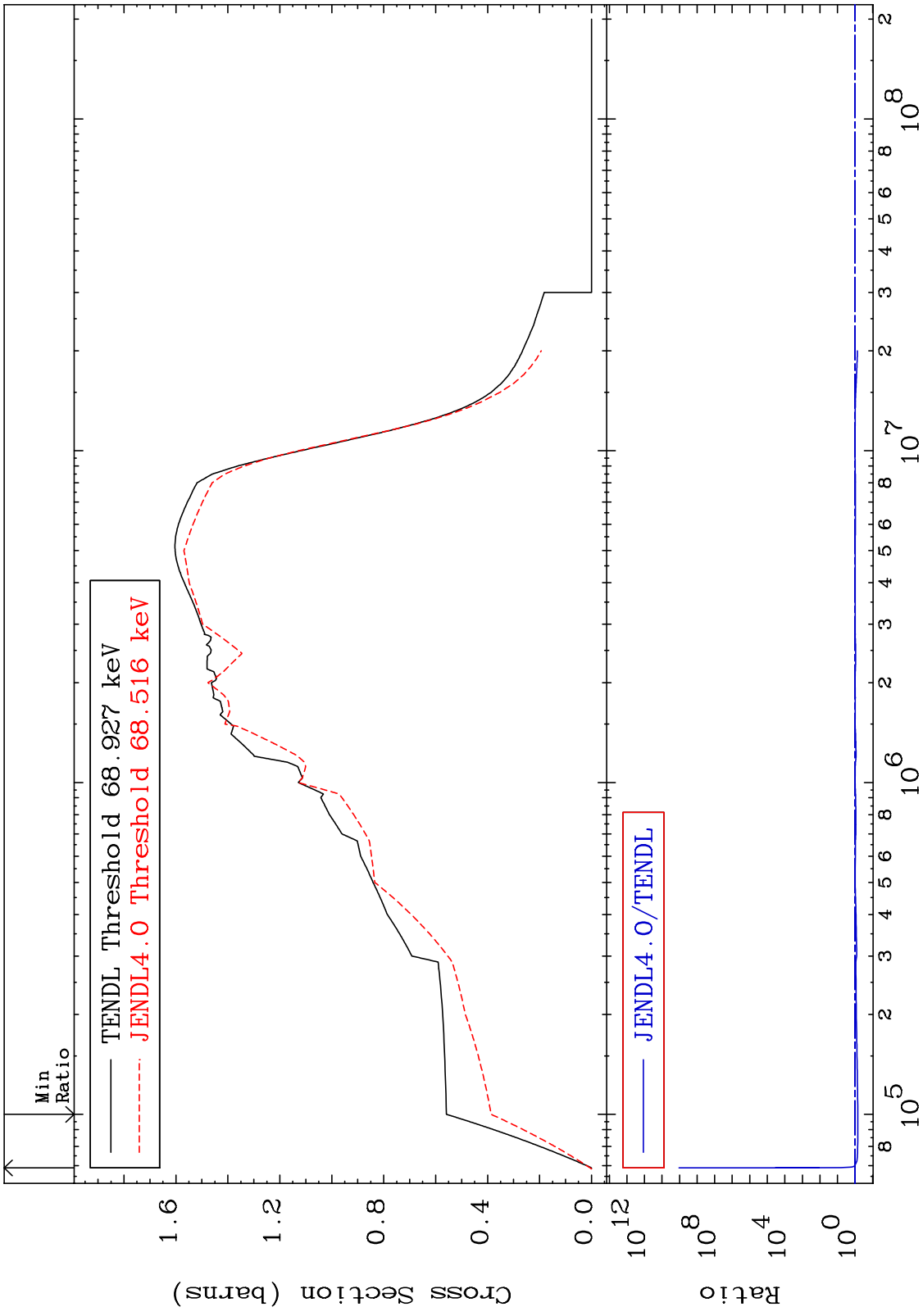
MAT 2834

Elastic  
Cross Section

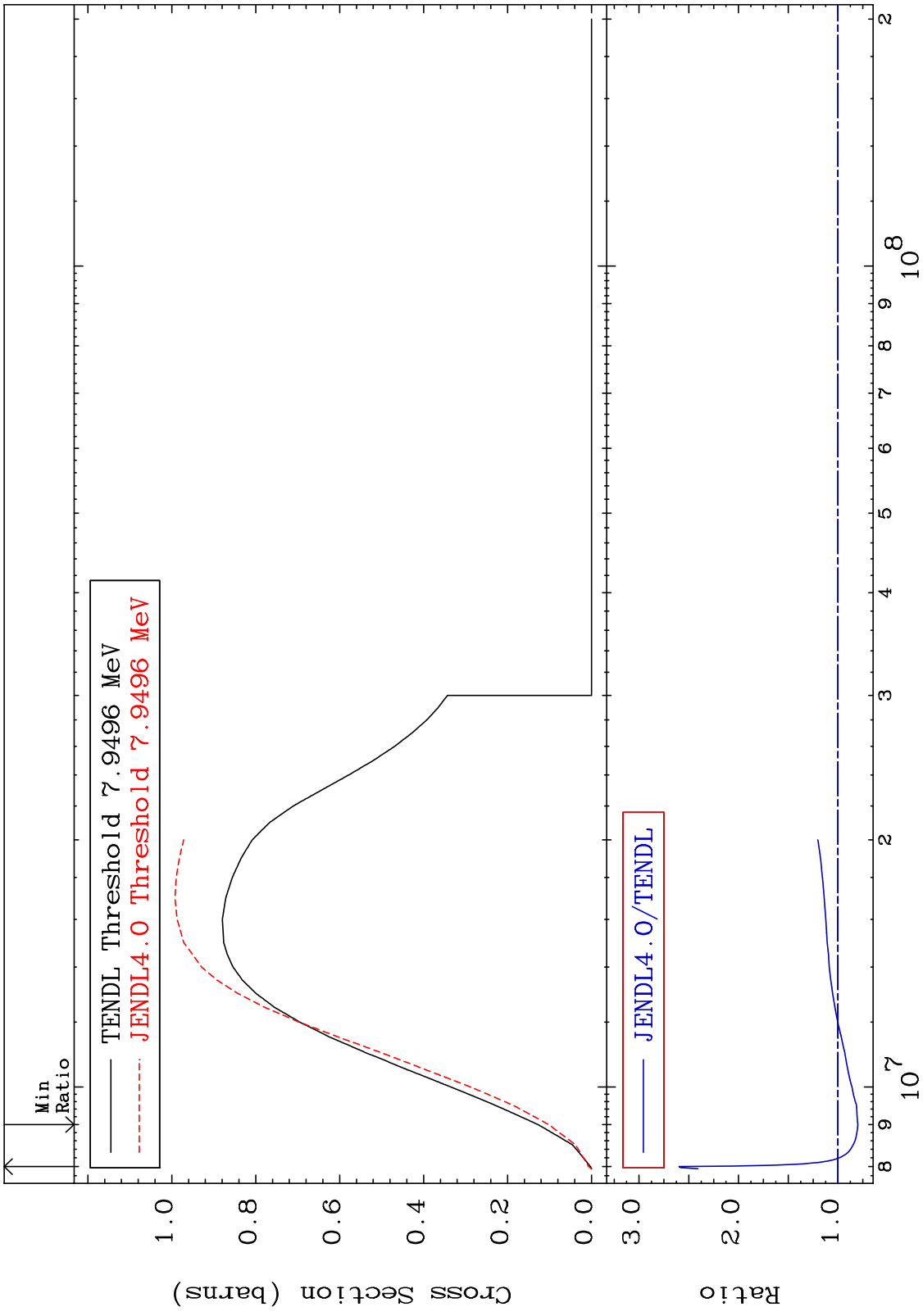
28-Ni-61  
-96.96 To 9999. %



MAT 2834 Inelastic Cross Section 28-Ni-61 -30.80 To 9999. %



MAT 2834 (n,2n) Cross Section 28-Ni-61 -19.96 To 159.8 %



4 Incident Energy (eV) 28-Ni-61

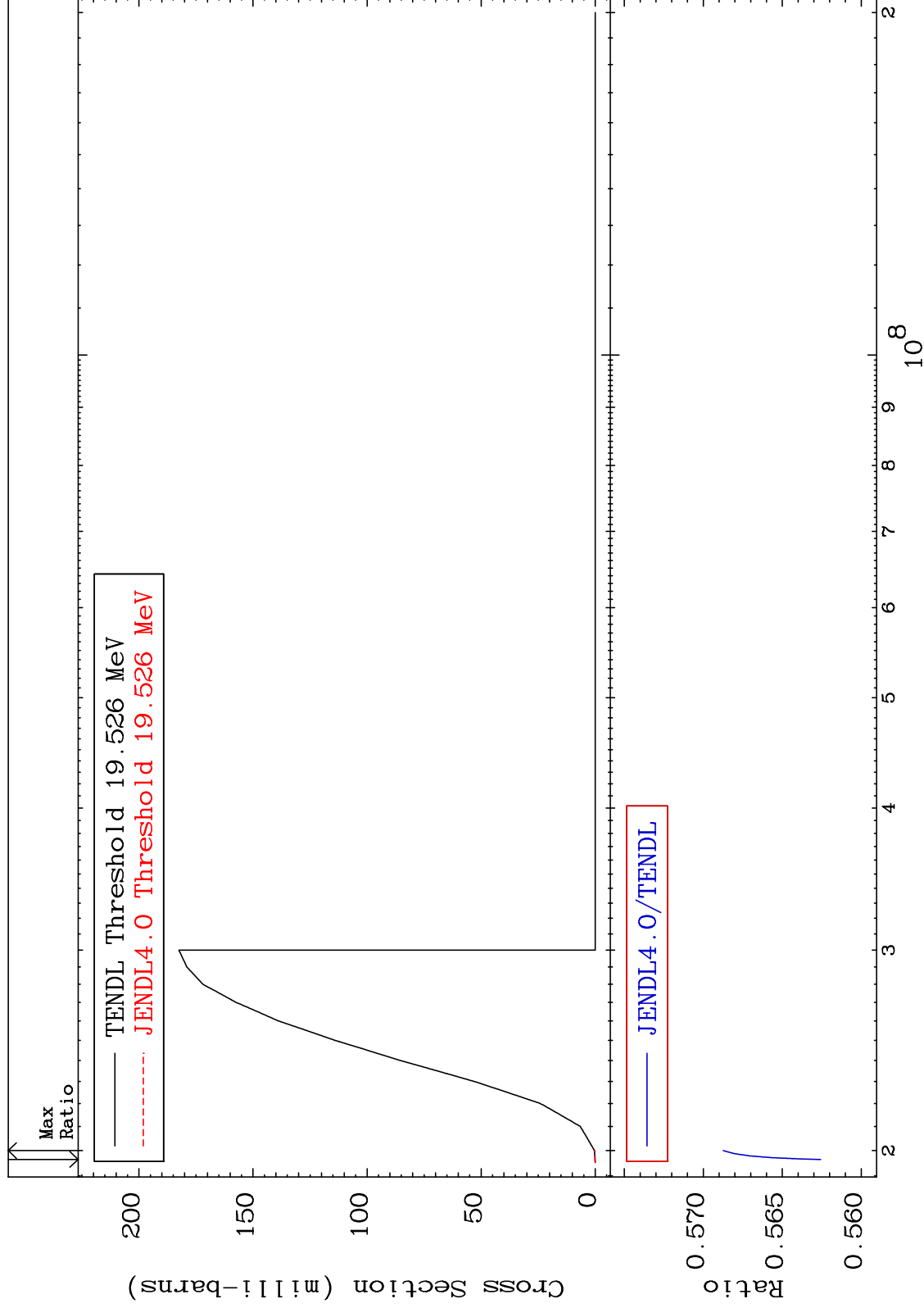
MAT 2834

(n,3n)

28-Ni-61

Cross Section

-43.74 To -43.13%

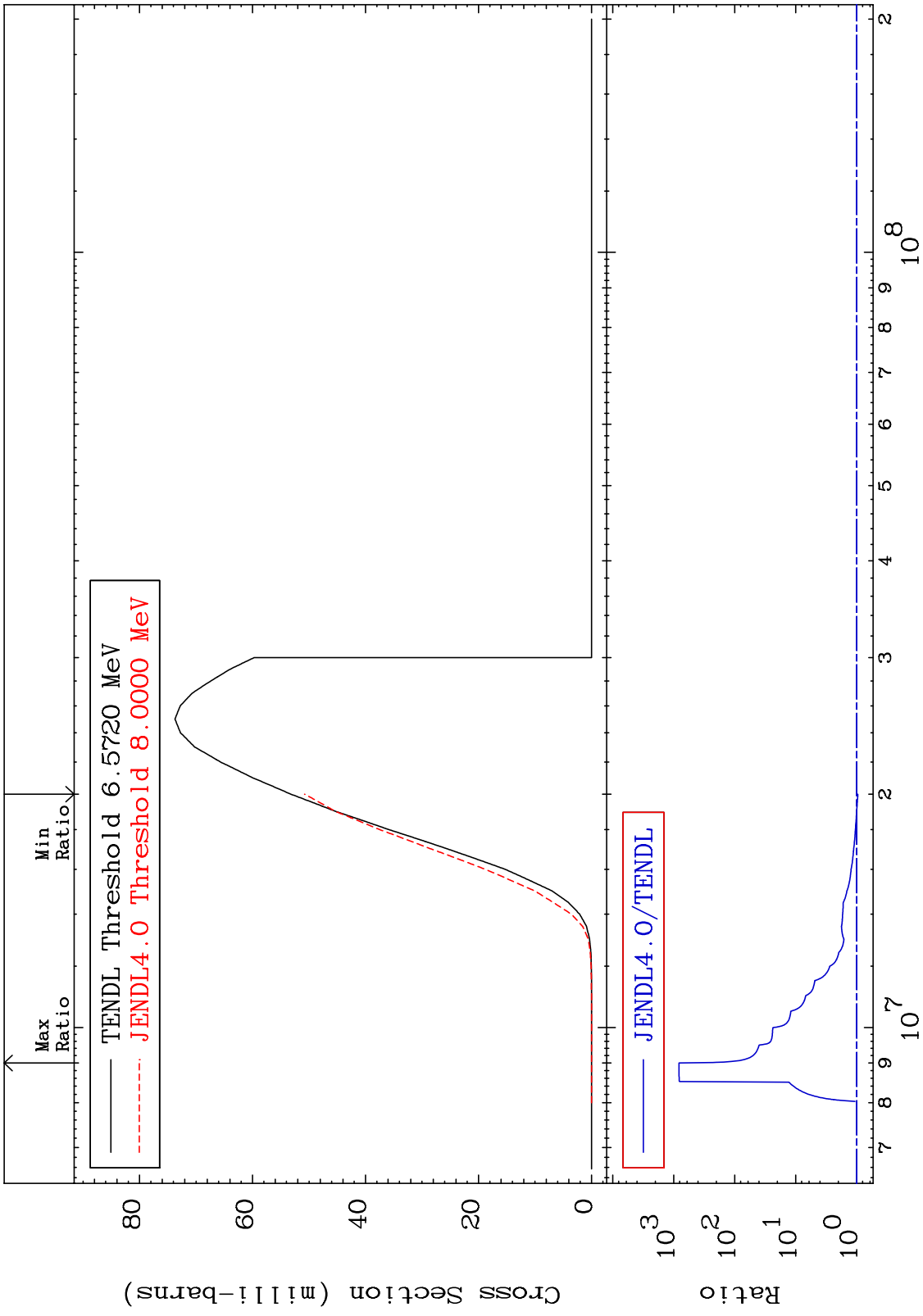


5

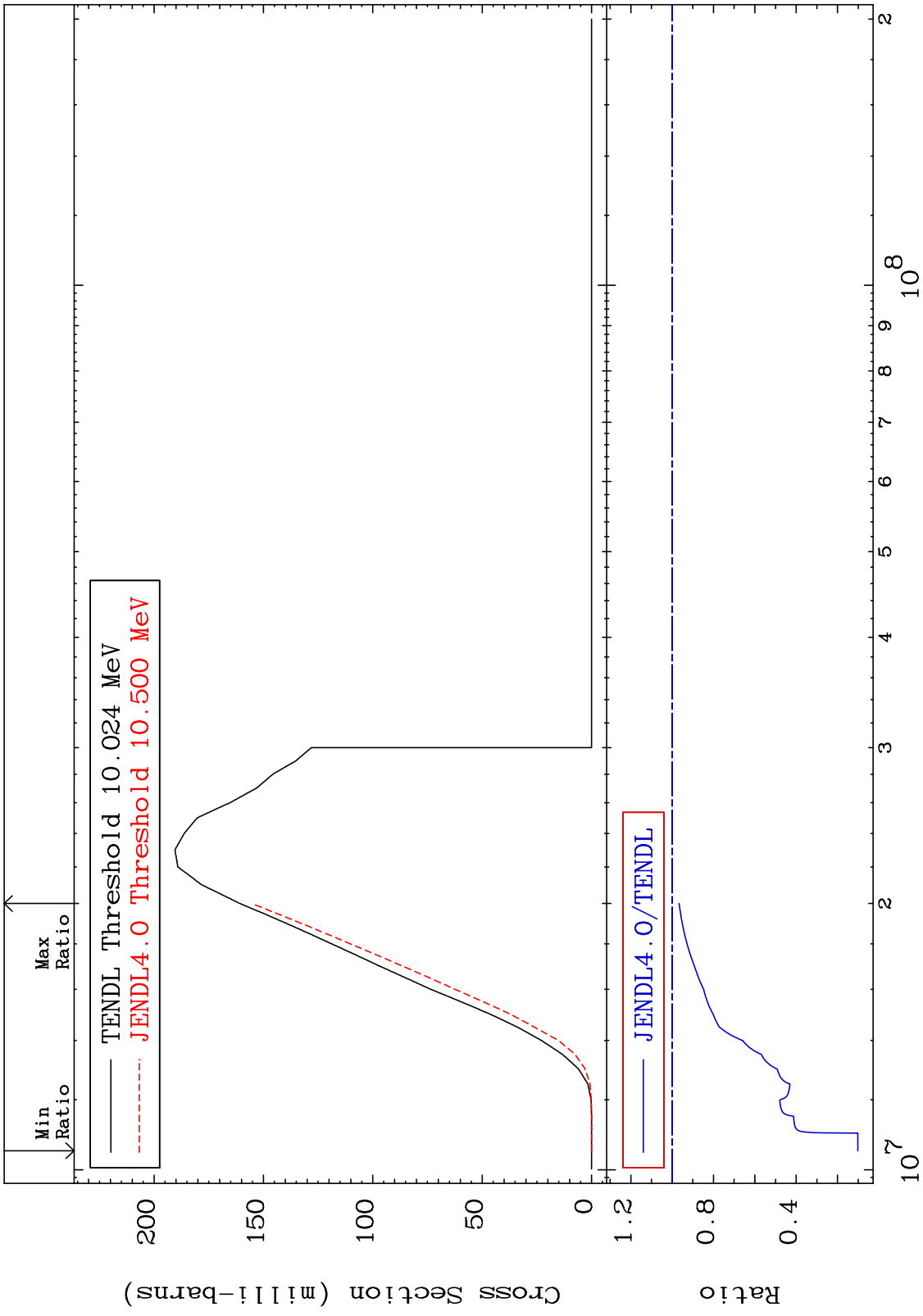
Incident Energy (eV)

28-Ni-61

MAT 2834  $(n, n') \alpha$  28-Ni-61  
 Cross Section -4.588 To 9999. %



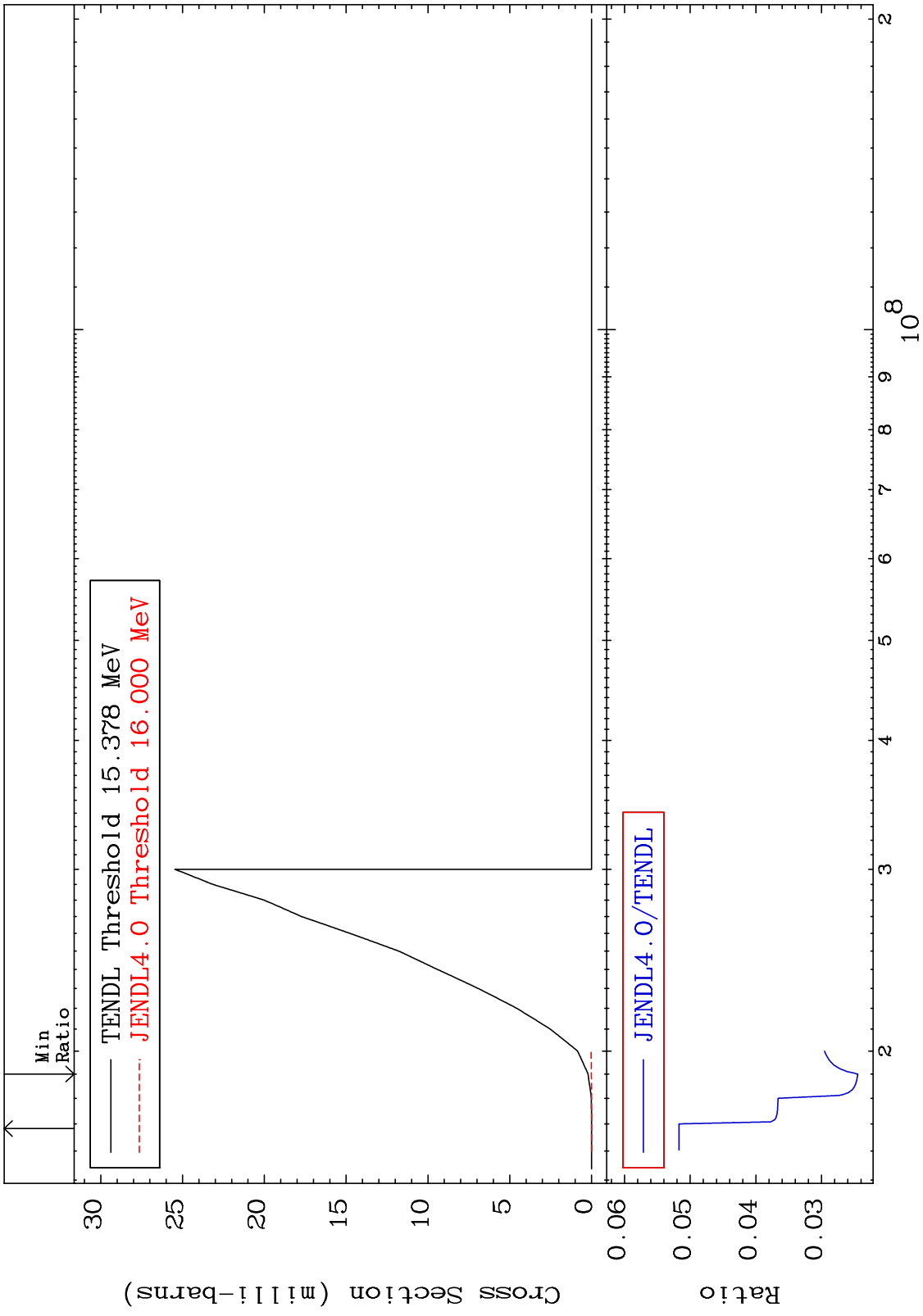
MAT 2834  $(n, n')$  p  $^{28}\text{Ni-61}$   
 Cross Section  $-89.82$  To  $-3.340\%$



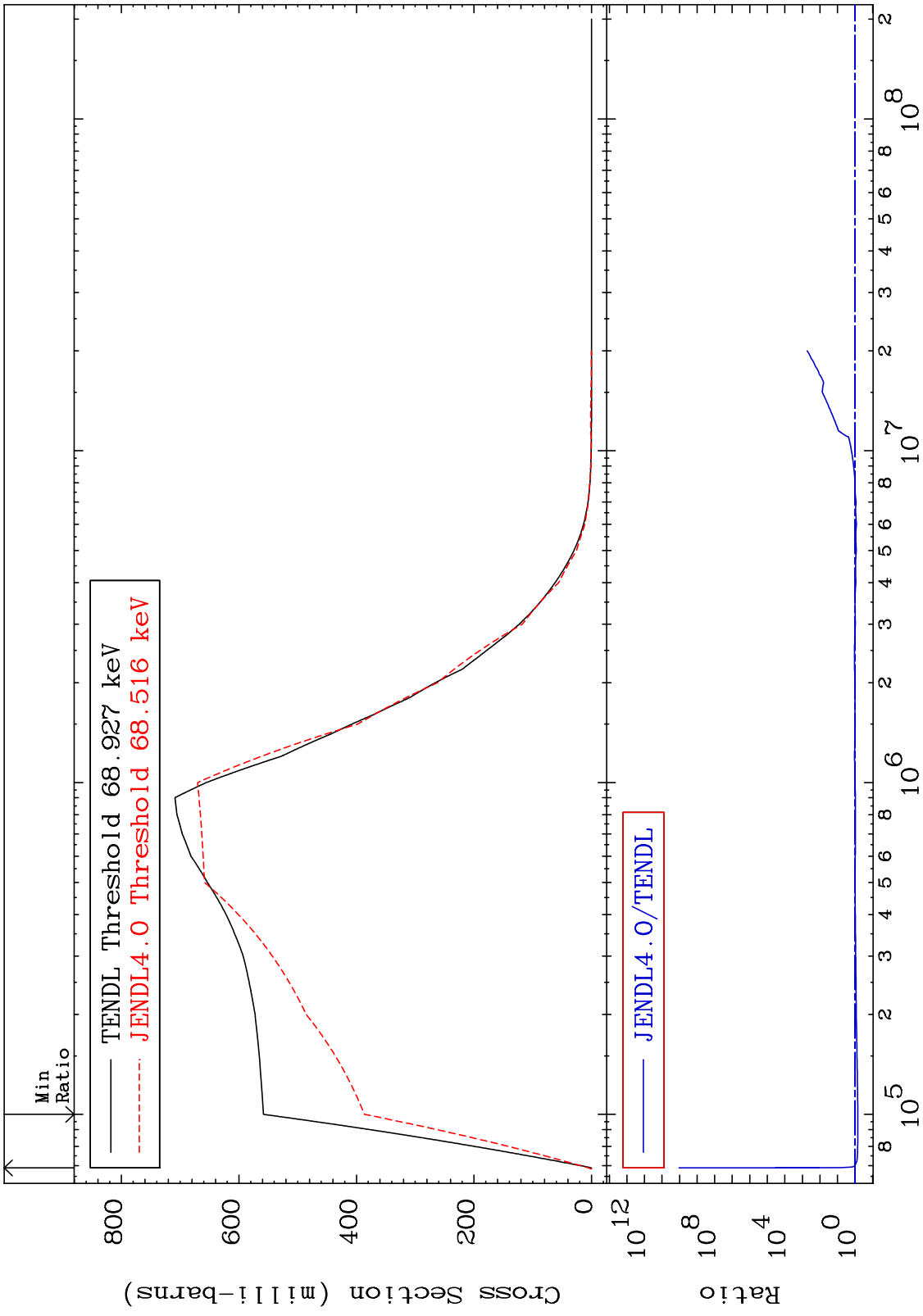
$^{28}\text{Ni-61}$  Incident Energy (eV)



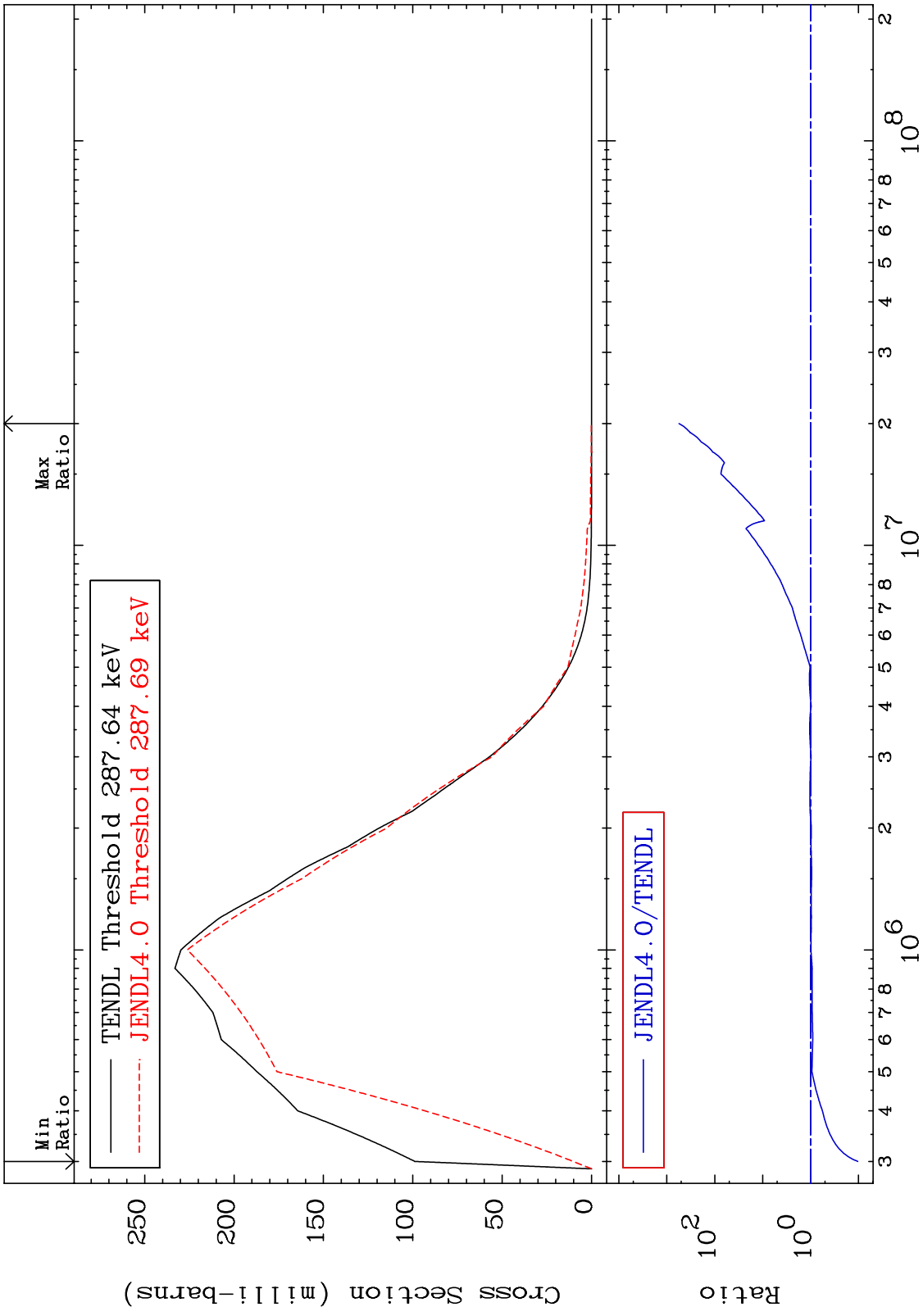
MAT 2834 (n,n') d 28-Ni-61  
 Cross Section -97.55 To -94.83%



MAT 2834 MT= 51 (n,n') Level Cross Section -30.80 To 9999. % 28-Ni-61

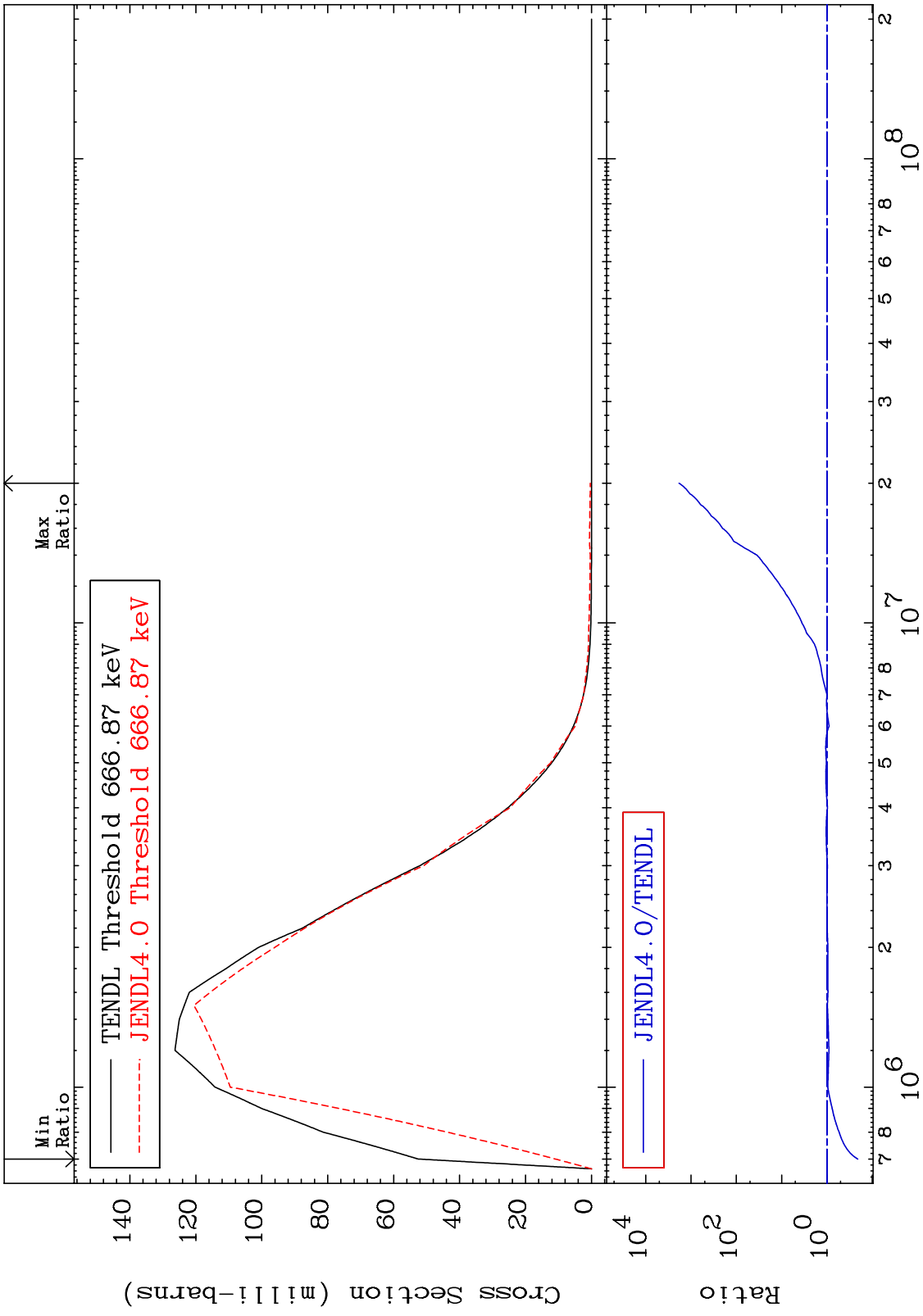


MAT 2834 MT= 52 (n,n') Level Cross Section -89.67 To 9999. % 28-Ni-61

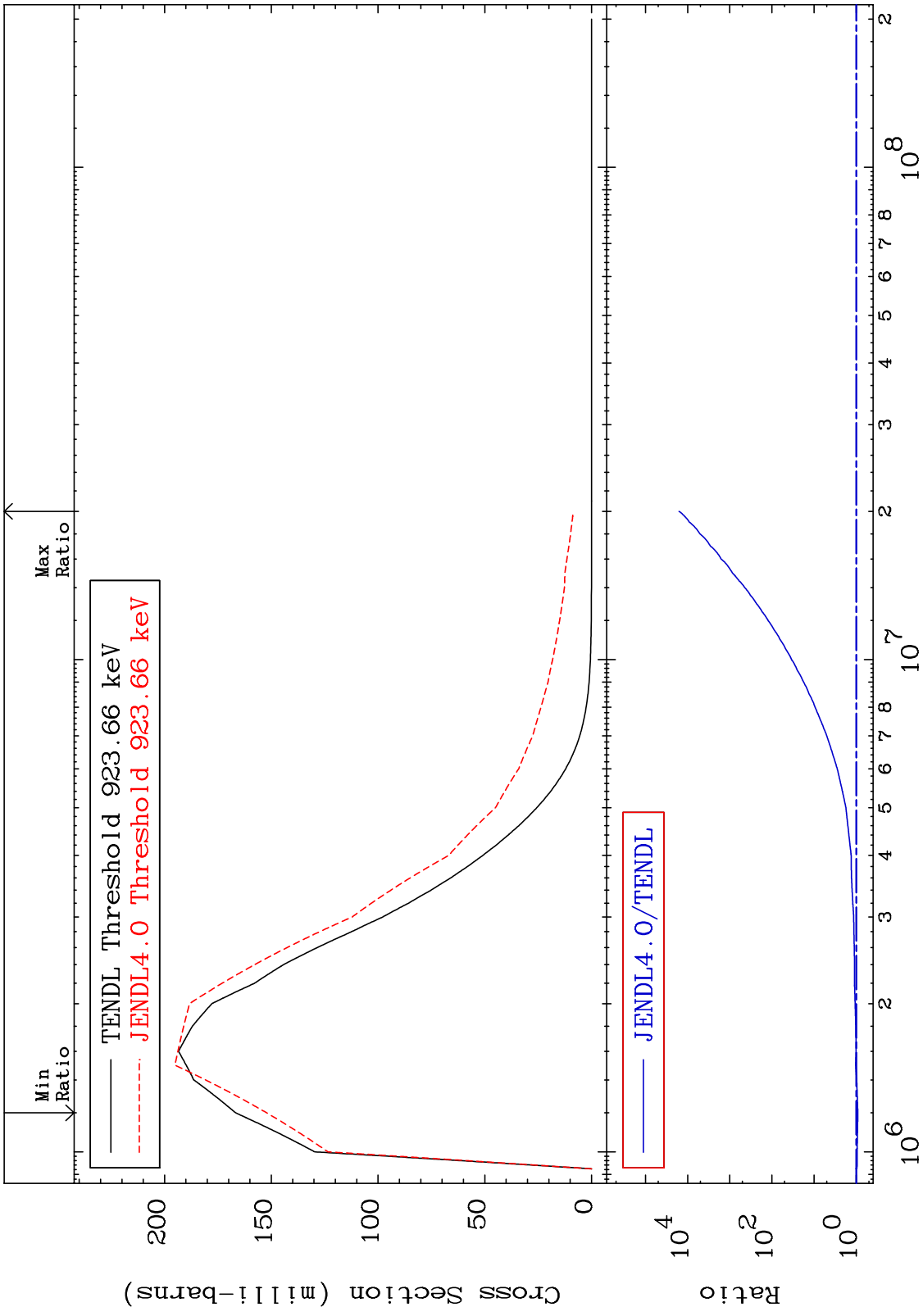


10 Incident Energy (eV) 28-Ni-61

MAT 2834 MT= 53 (n,n') Level Cross Section -79.25 To 9999. % 28-Ni-61

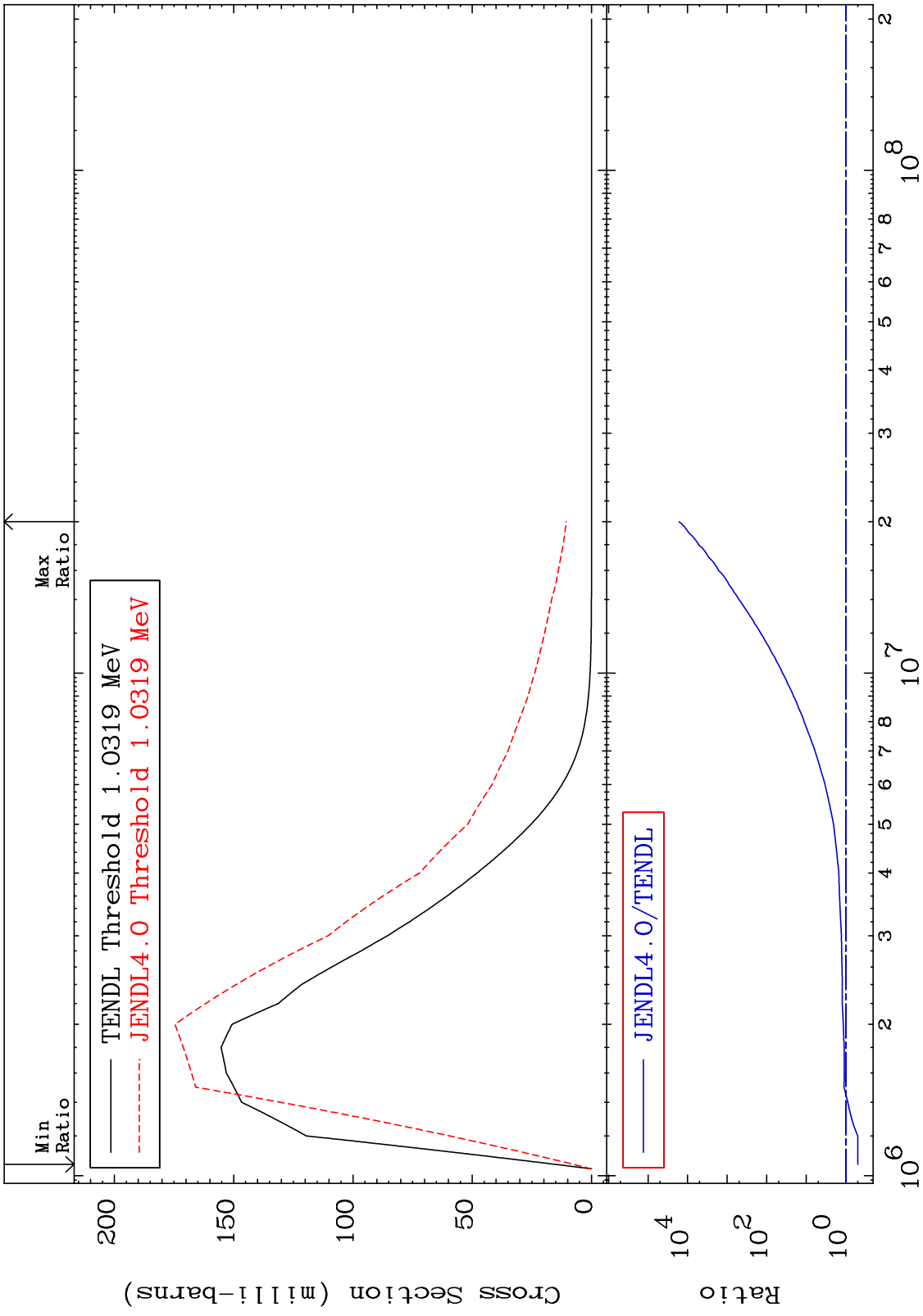


MAT 2834 MT= 54 (n,n') Level Cross Section -8.728 To 9999. % 28-Ni-61



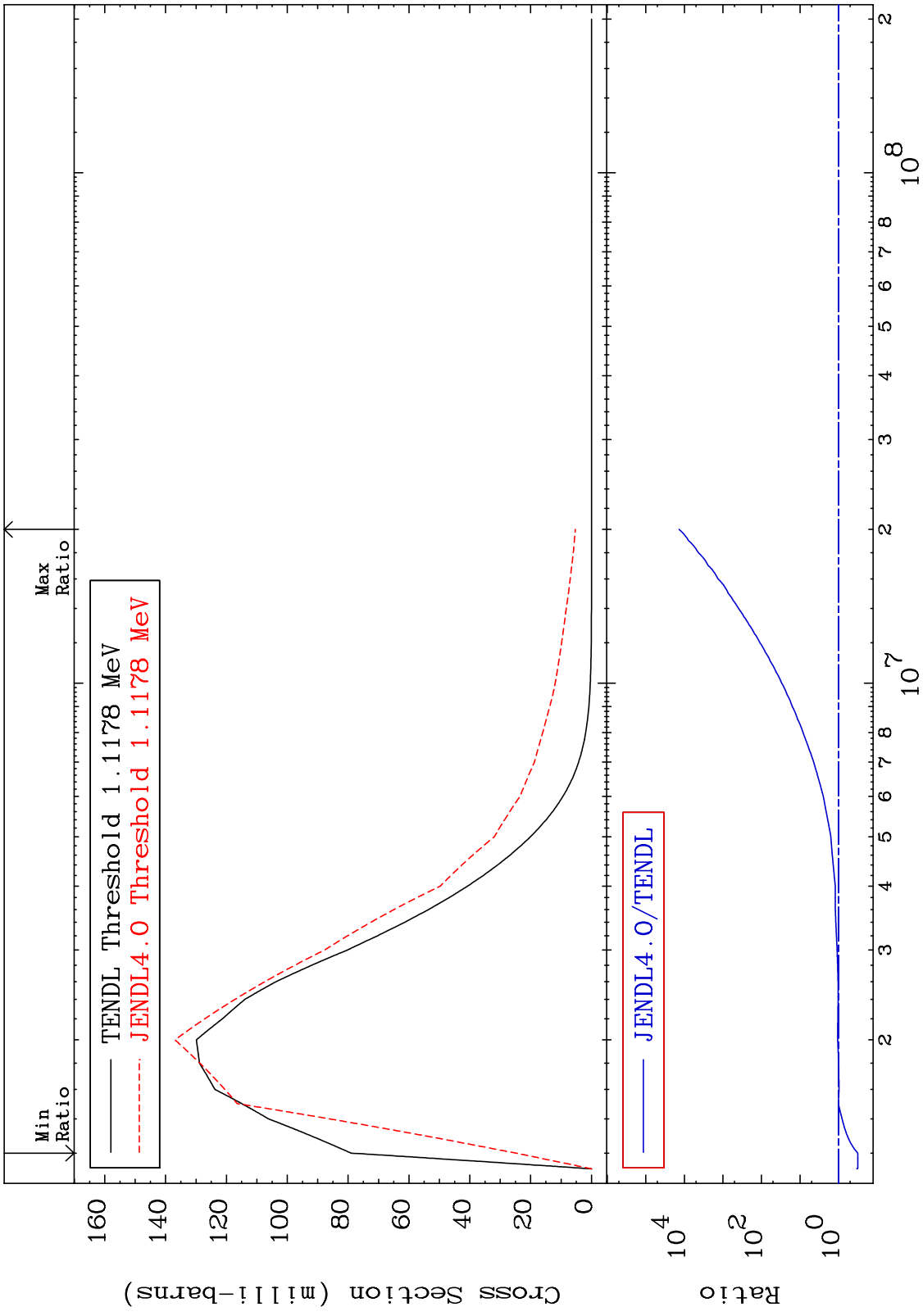
12 Incident Energy (eV) 28-Ni-61

MAT 2834 MT= 55 (n,n') Level Cross Section -50.34 To 9999. % 28-Ni-61

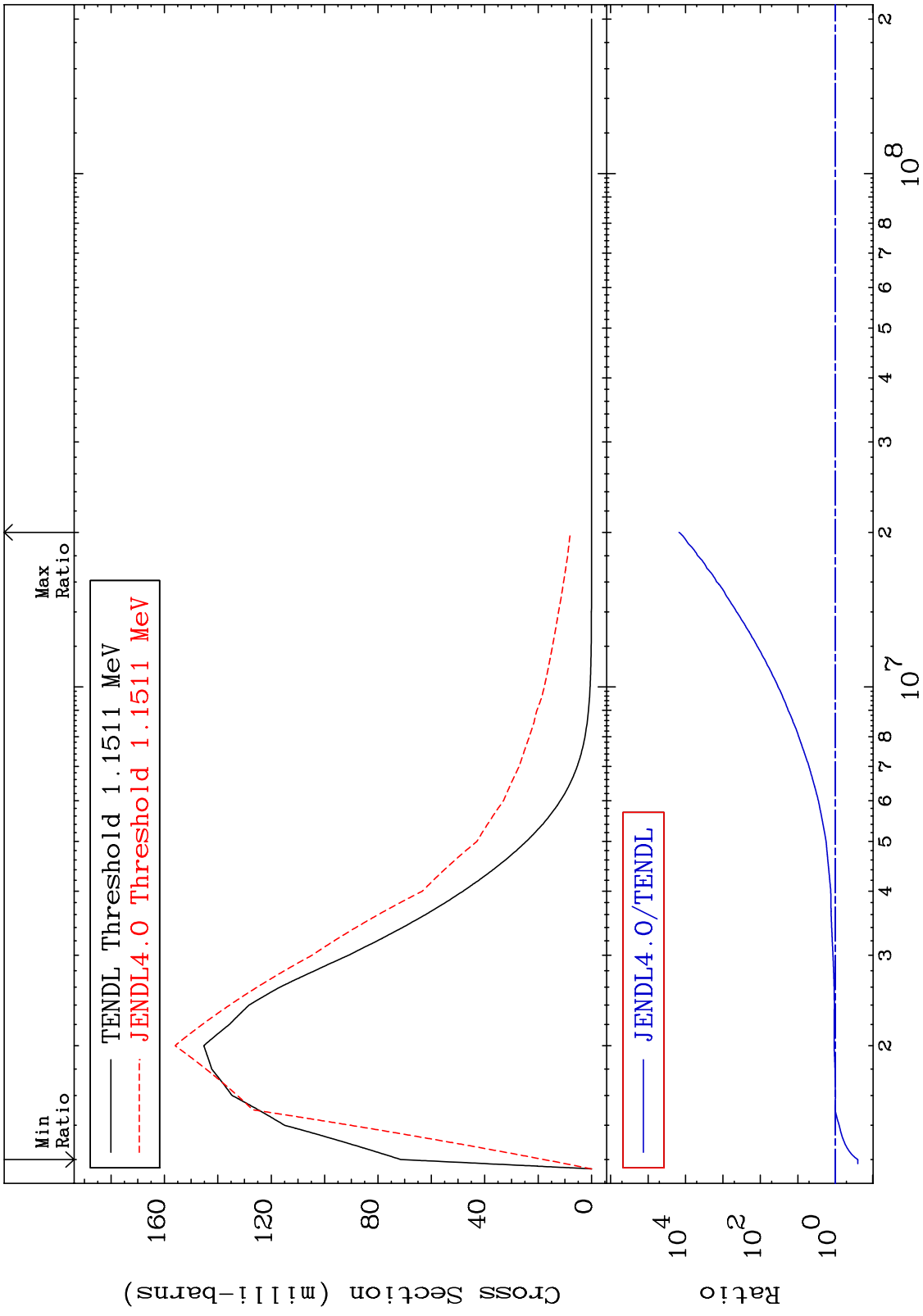


13 28-Ni-61

MAT 2834 MT= 56 (n,n') Level Cross Section -68.31 To 9999. % 28-Ni-61

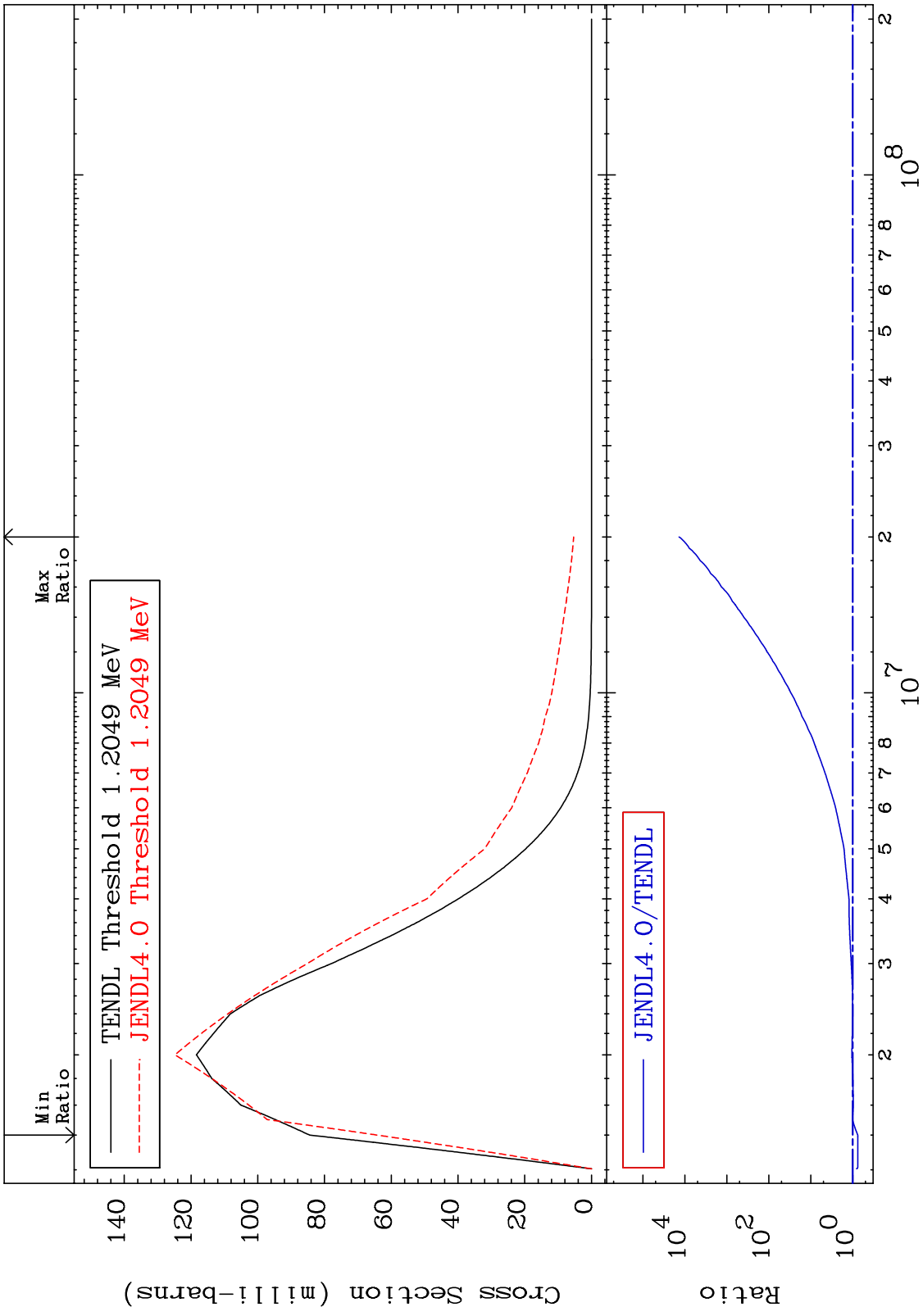


MAT 2834 MT= 57 (n,n') Level Cross Section -75.08 To 9999. % 28-Ni-61

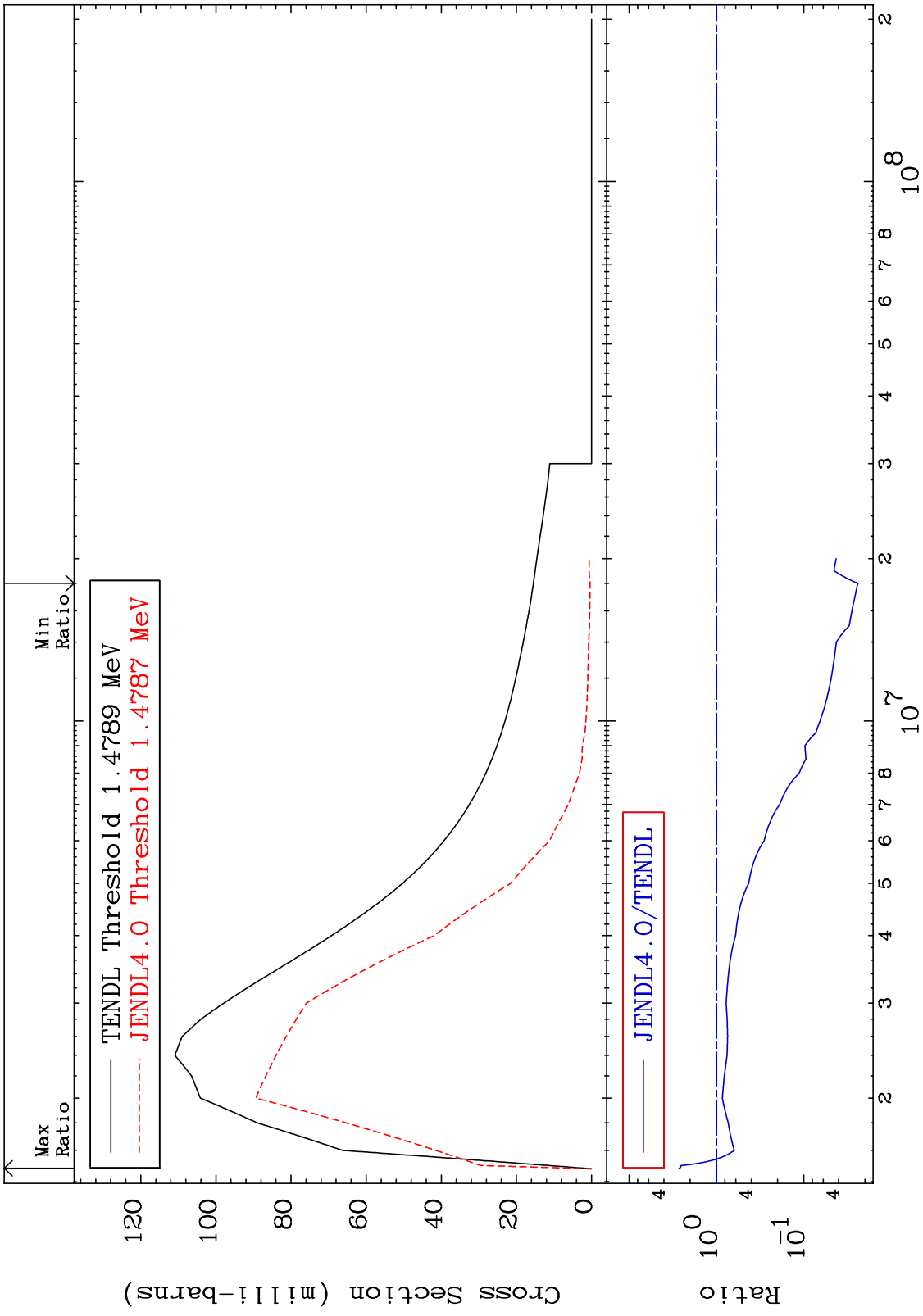




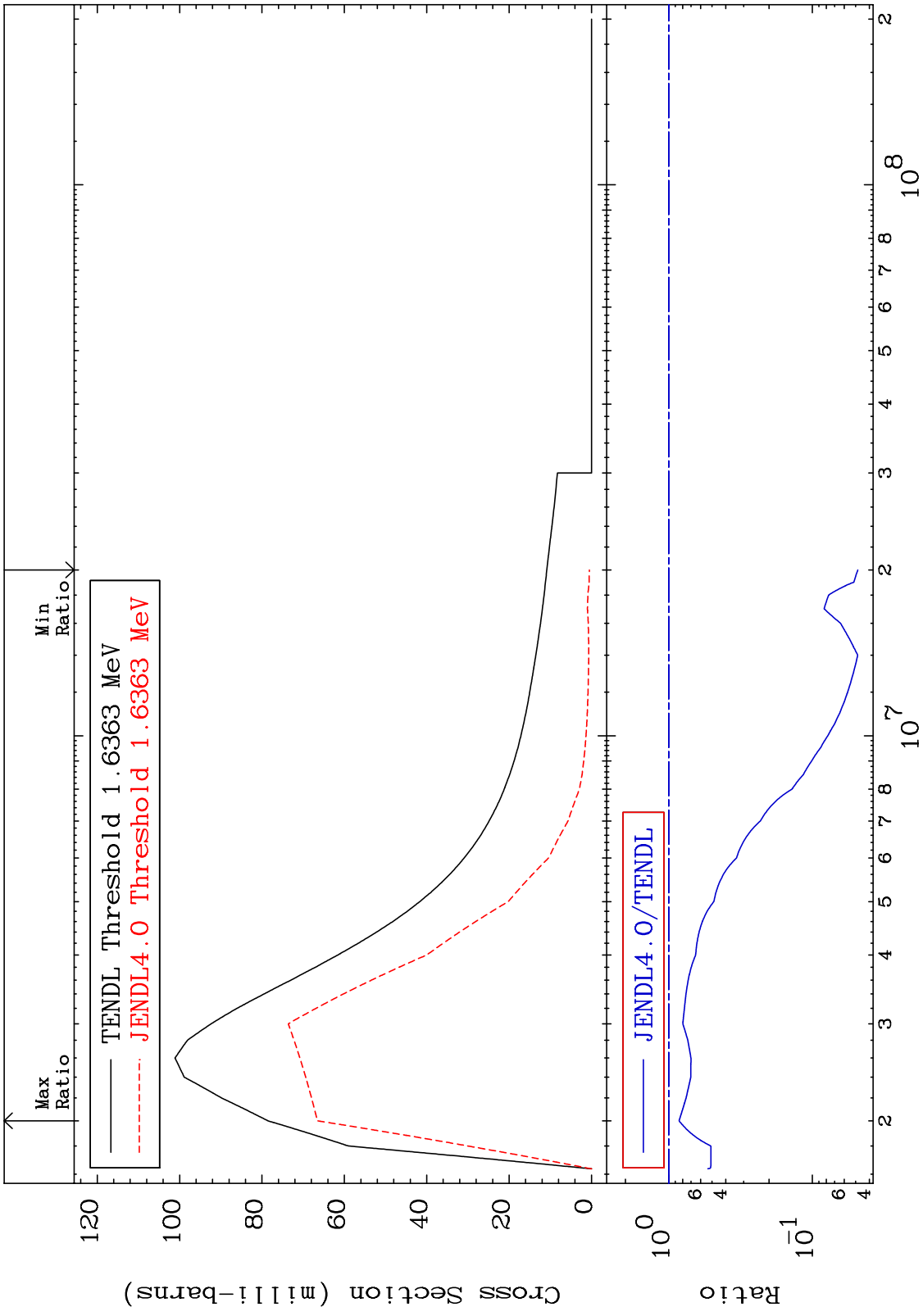
MAT 2834 MT= 58 (n,n') Level Cross Section -23.93 To 9999. % 28-Ni-61



MAT 2834 MT= 59 (n,n') Level Cross Section 28-Ni-61 -97.59 To 168.5 %

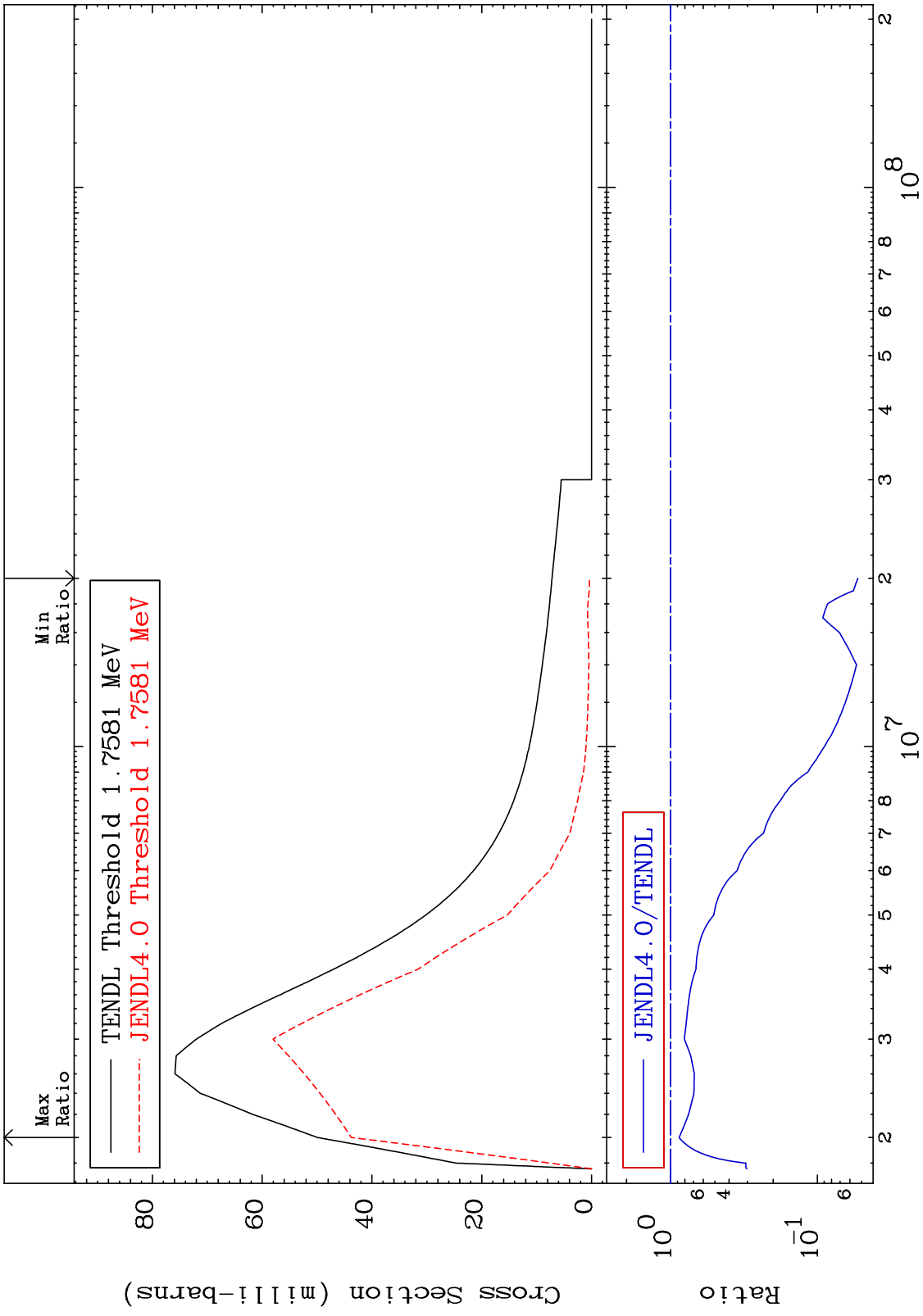


MAT 2834 MT= 60 (n,n') Level Cross Section 28-Ni-61 -95.18 To -15.30%



18 28-Ni-61

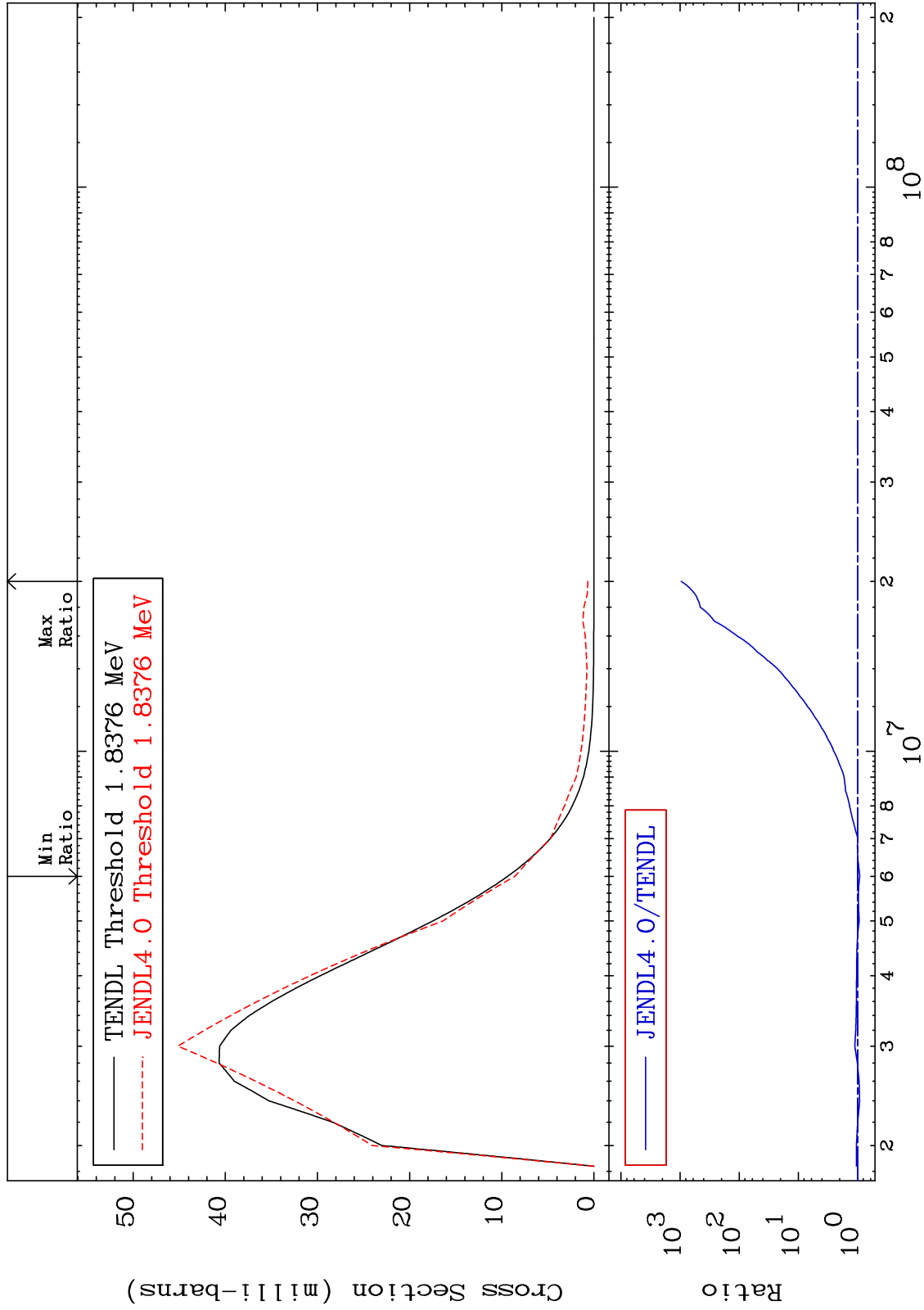
MAT 2834 MT= 61 (n,n') Level Cross Section -94.71 To -12.38% 28-Ni-61



MAT 2834

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

28-Ni-61  
-8.361 To 9999. %

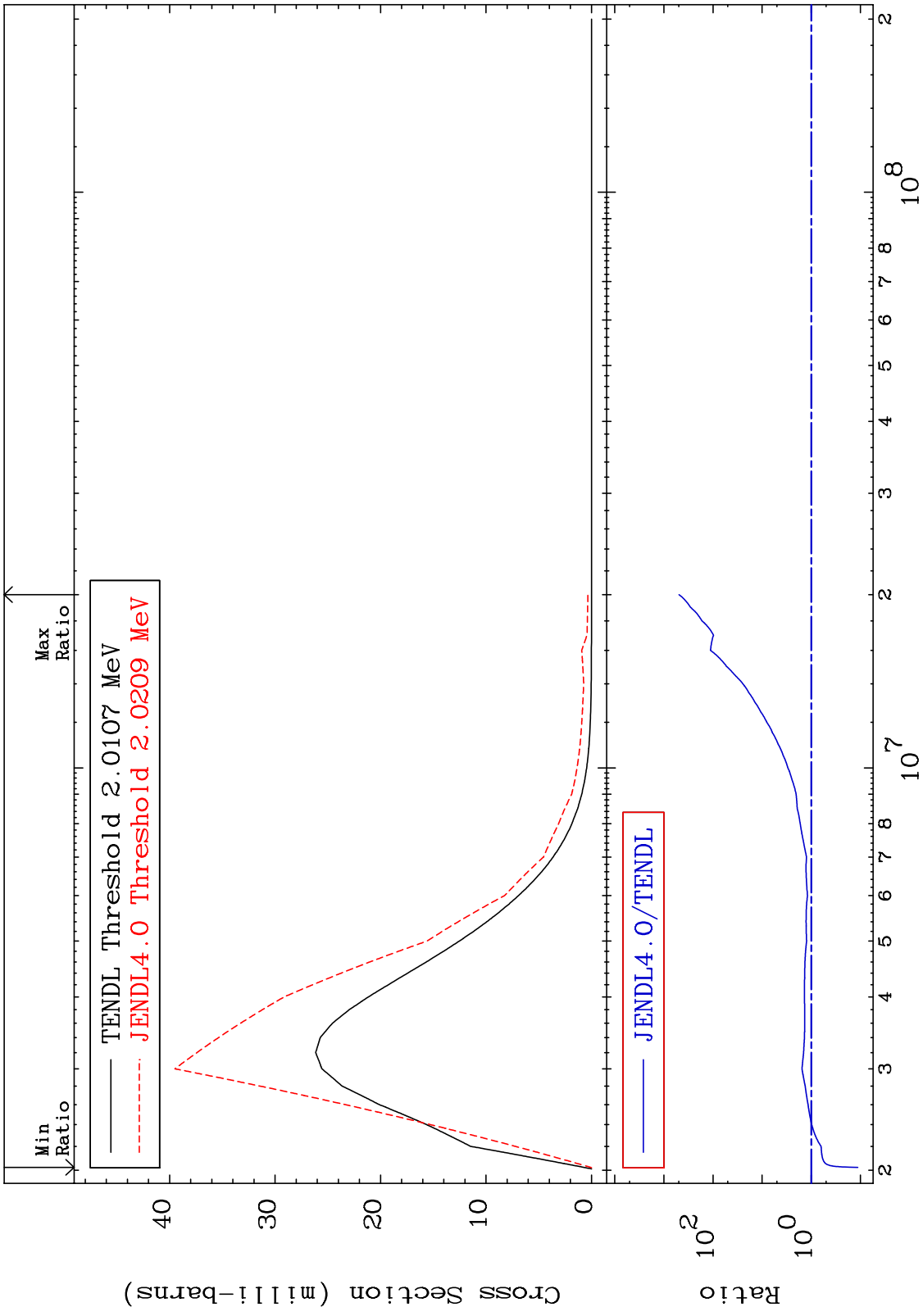


20

Incident Energy (eV)

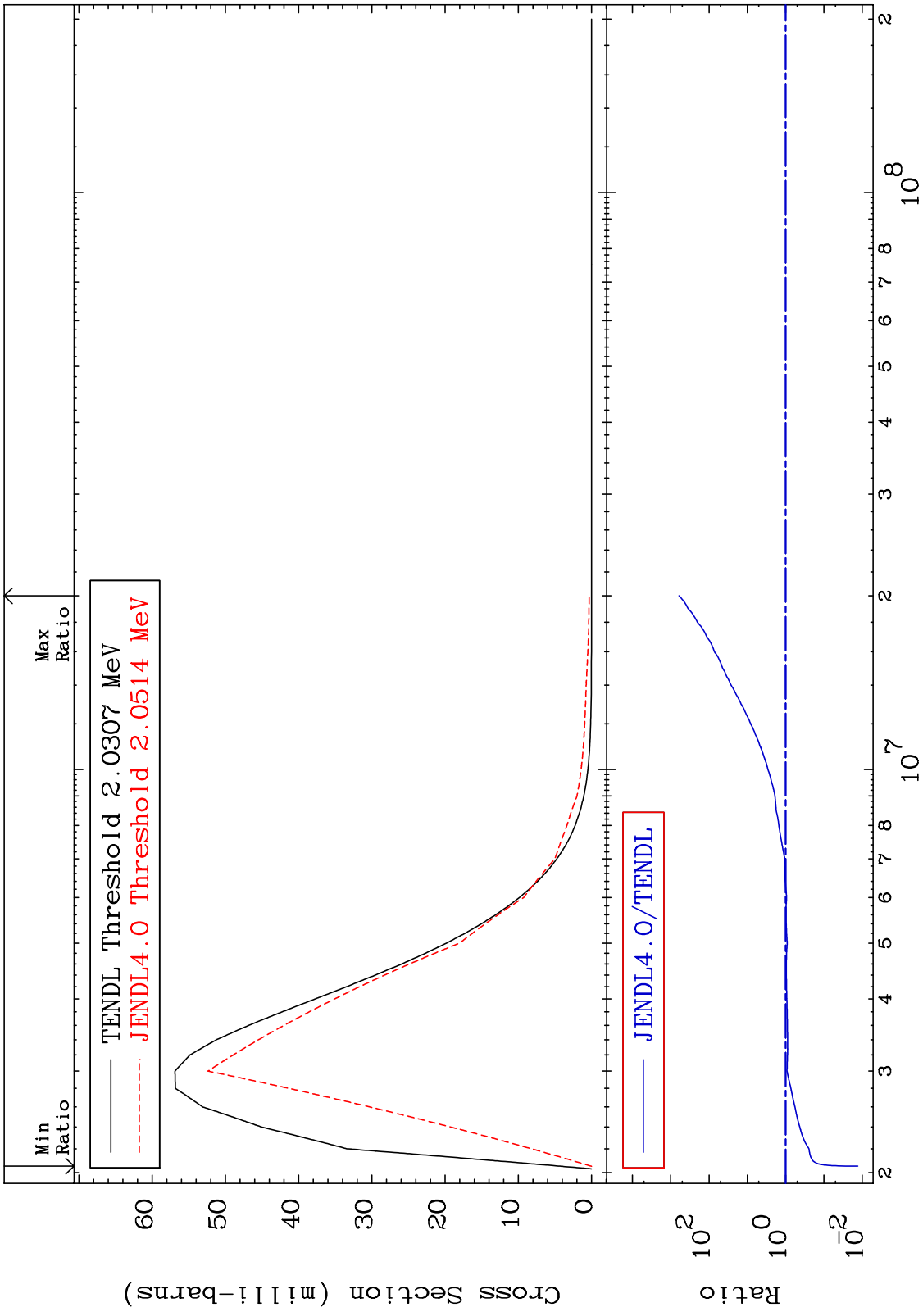
28-Ni-61

MAT 2834 MT= 63 (n,n') Level Cross Section 28-Ni-61 -88.75 To 9999. %





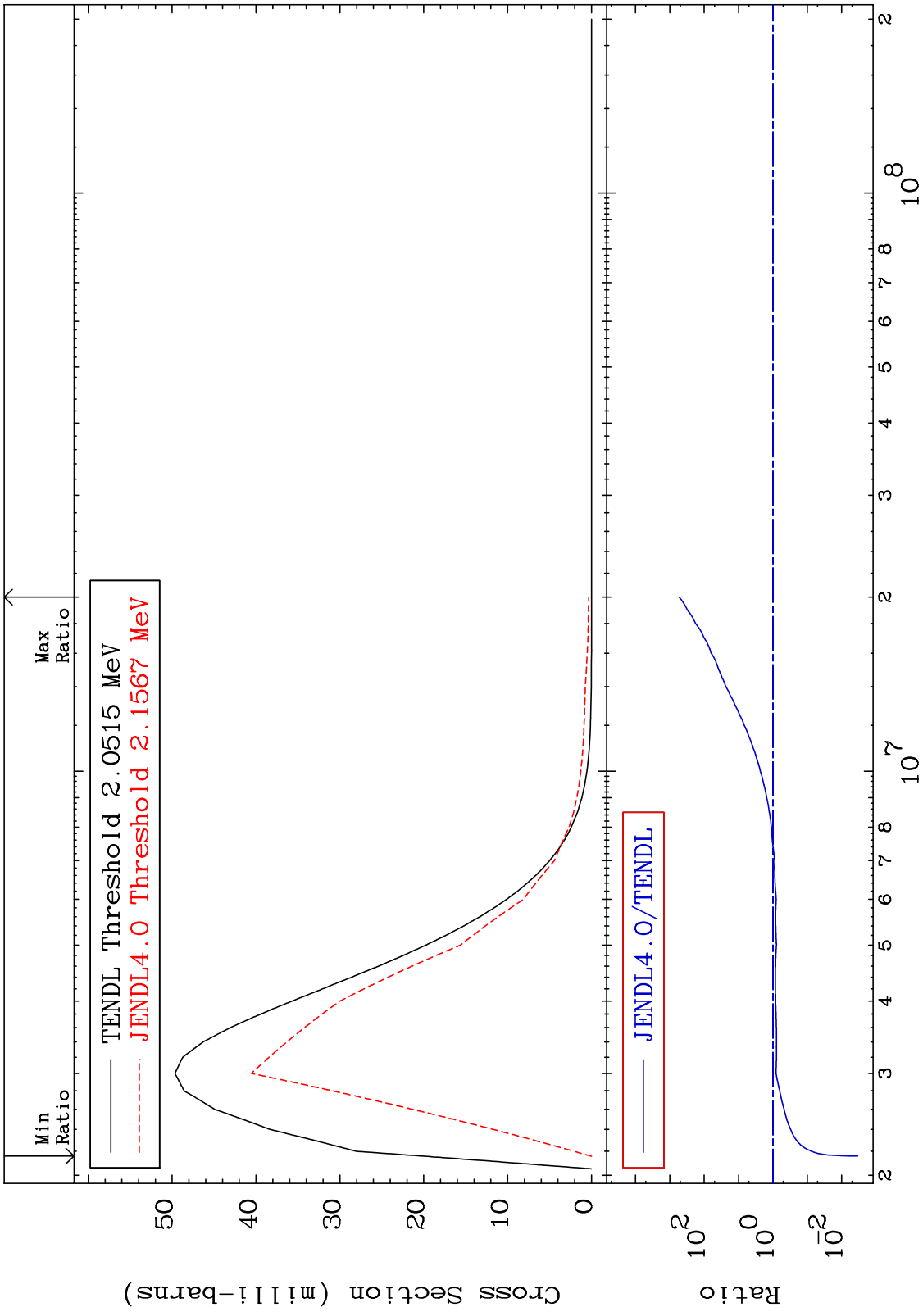
MAT 2834      MT= 65 (n,n') Level Cross Section      28-Ni-61  
 -98.70 To 9999. %



23      28-Ni-61

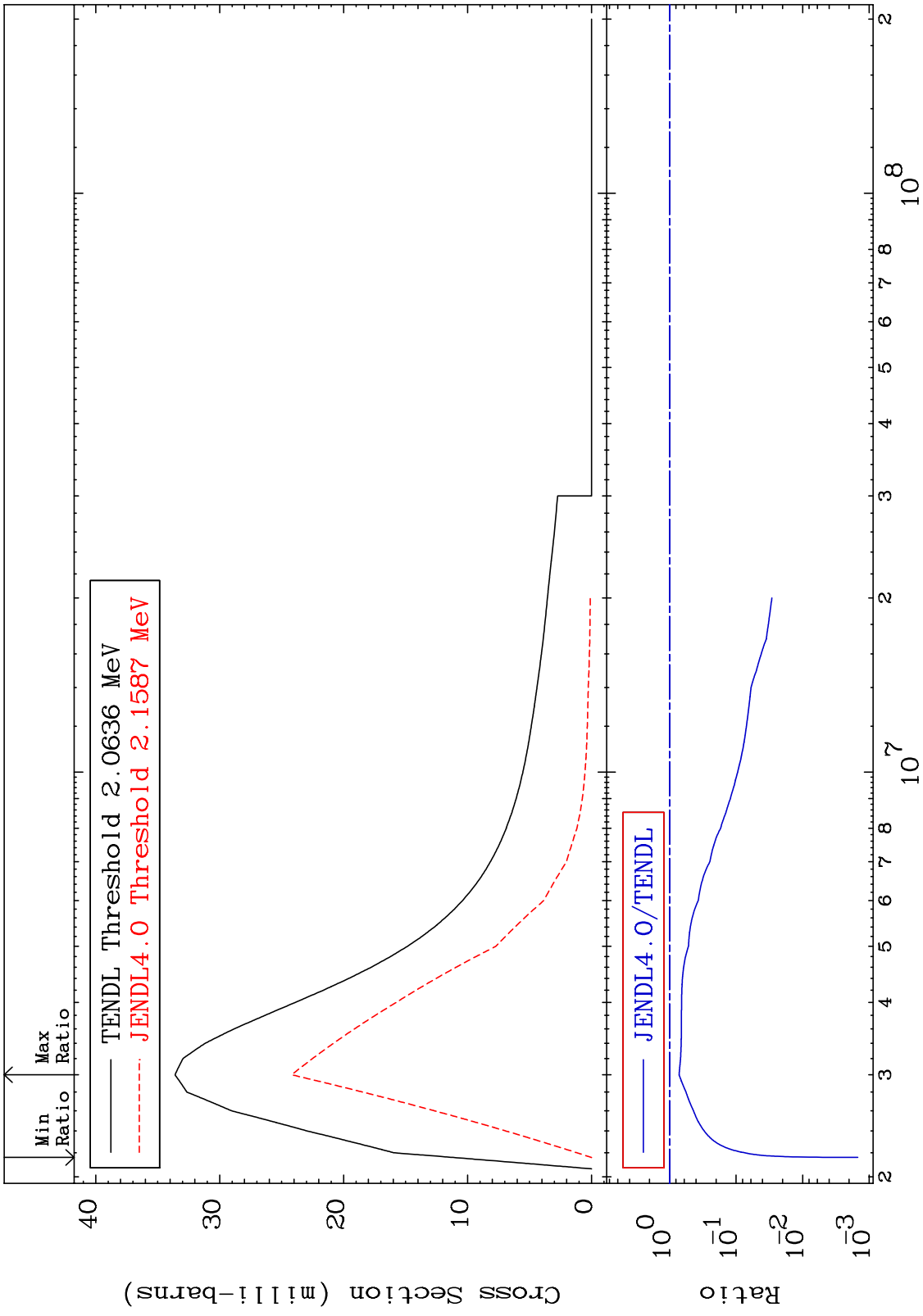


MAT 2834 MT= 66 (n,n') Level Cross Section 28-Ni-61 -99.66 To 9999. %

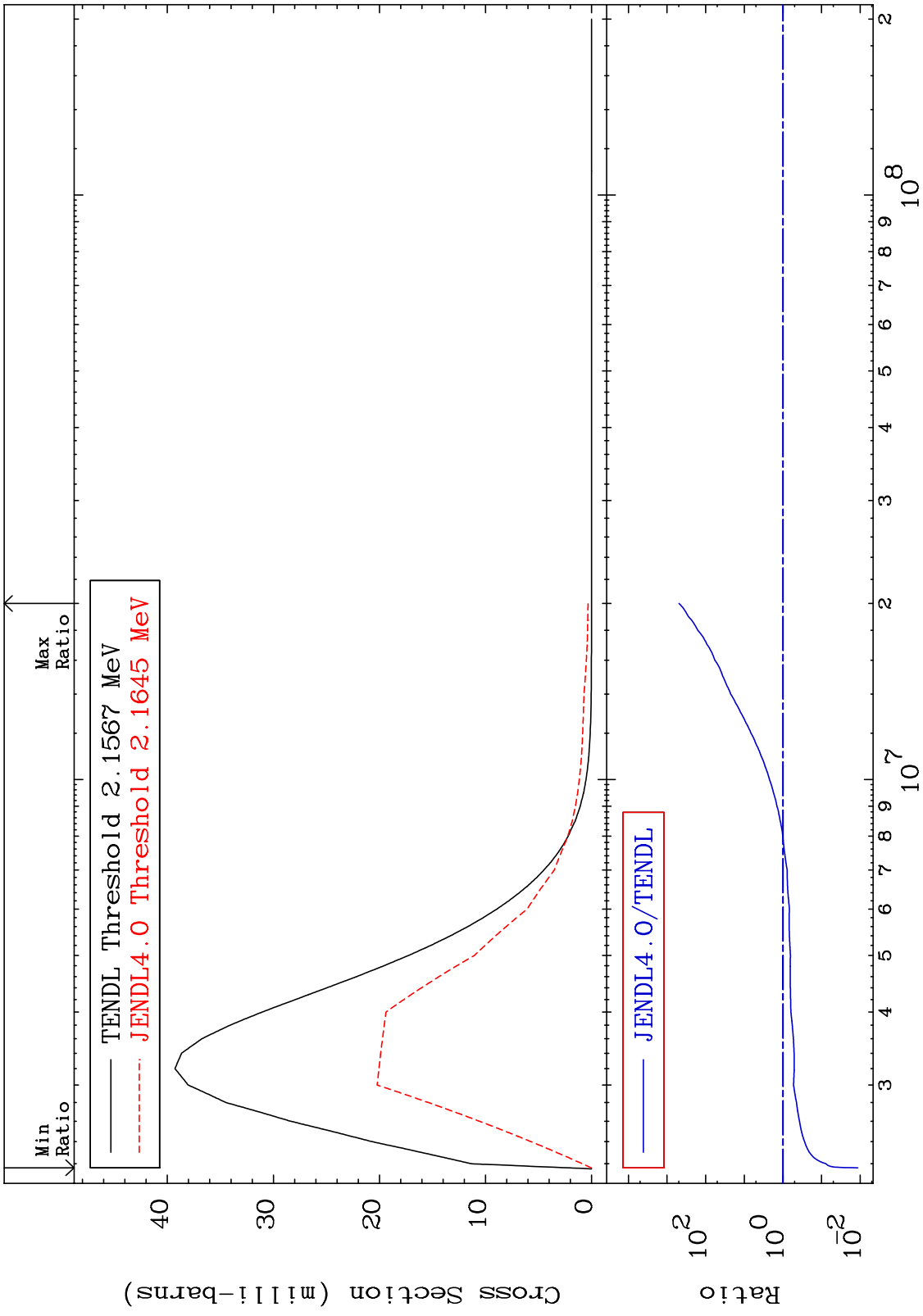


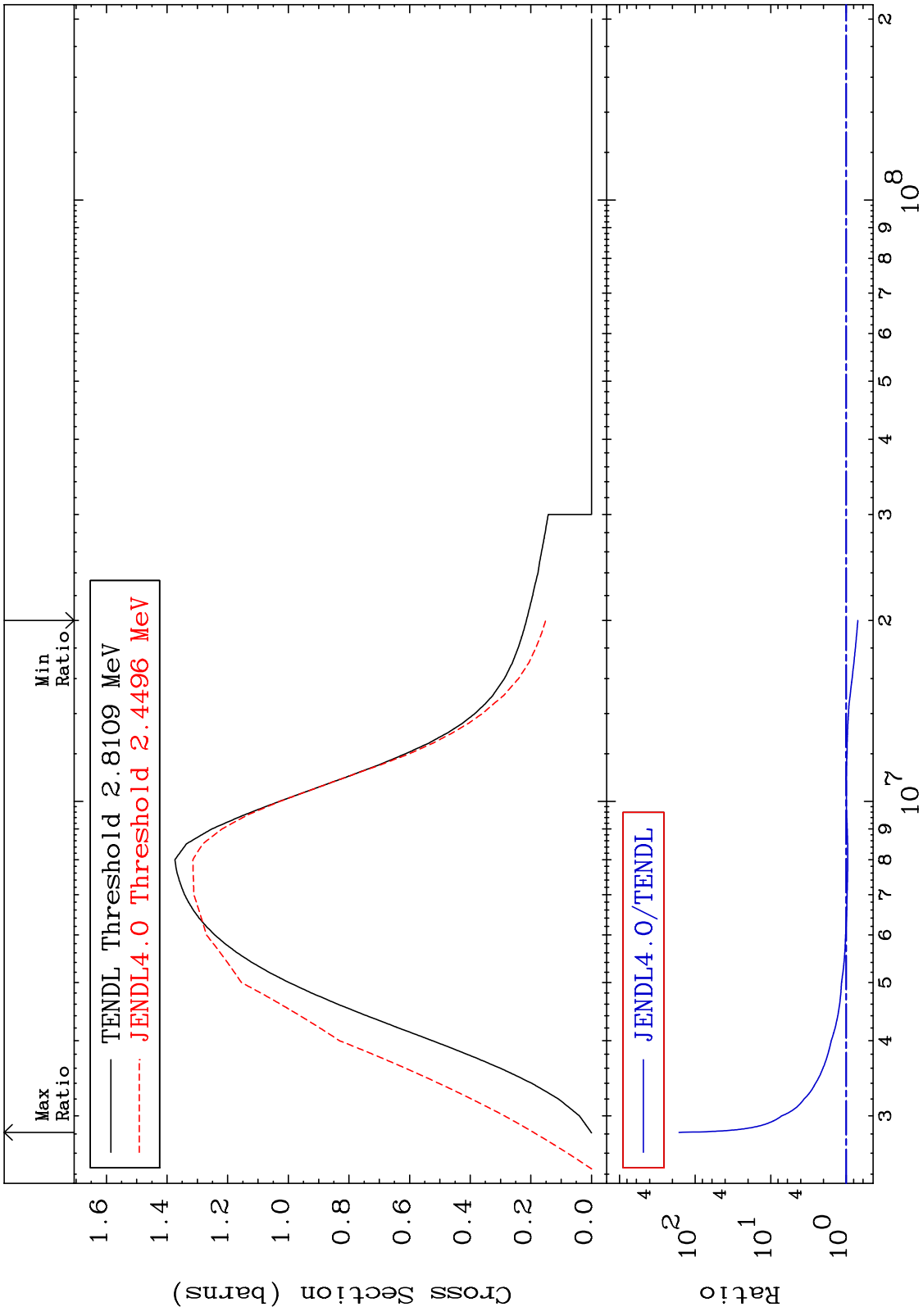
24 28-Ni-61

MAT 2834 MT= 67 (n,n') Level Cross Section 28-Ni-61 -99.85 To -28.02%



MAT 2834 MT= 68 (n,n') Level Cross Section 28-Ni-61 -98.85 To 9999. %





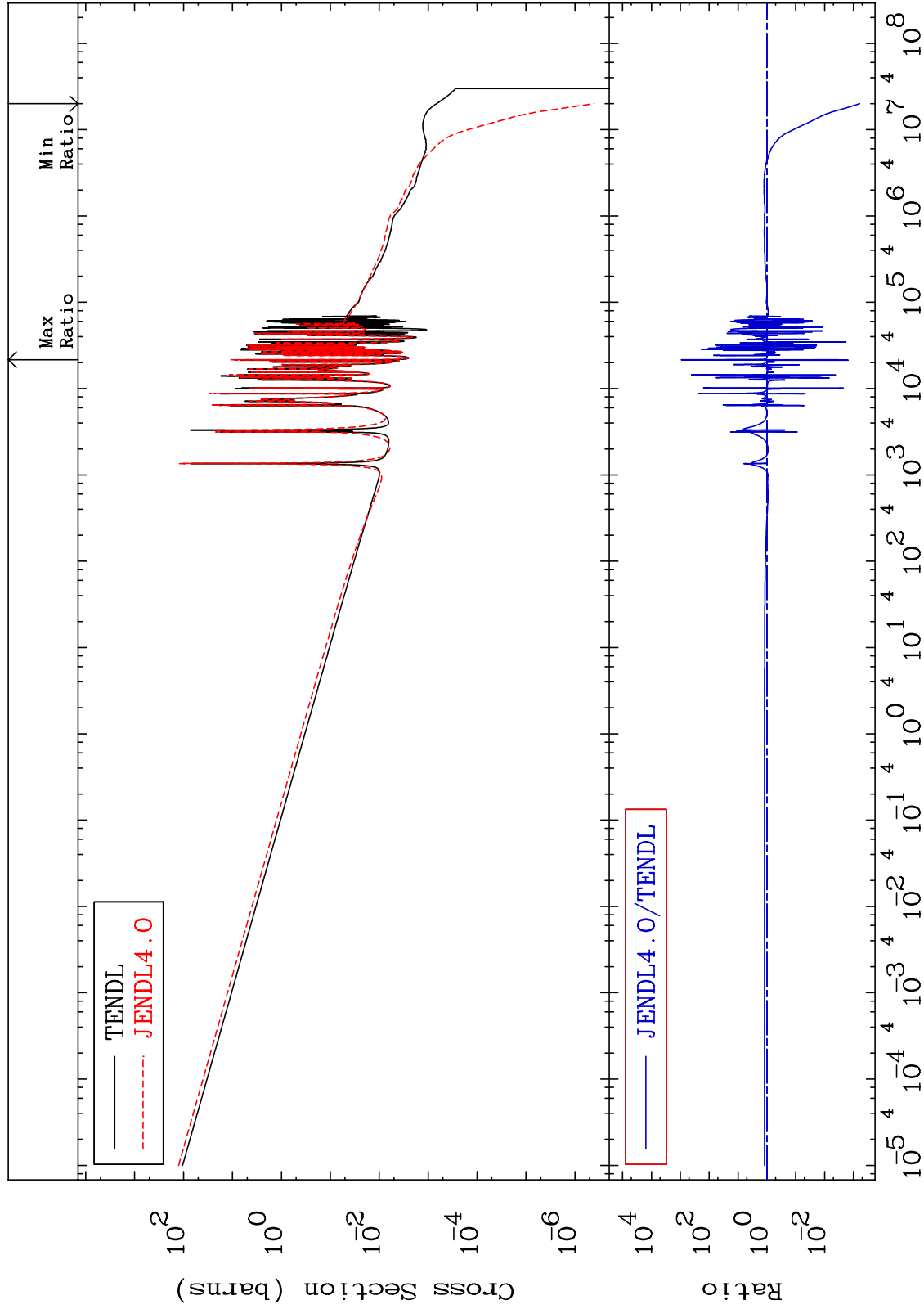
MAT 2834

(n,  $\gamma$ )

28-Ni-61

Cross Section

-99.94 To 9999. %



28

Incident Energy (eV)

28-Ni-61

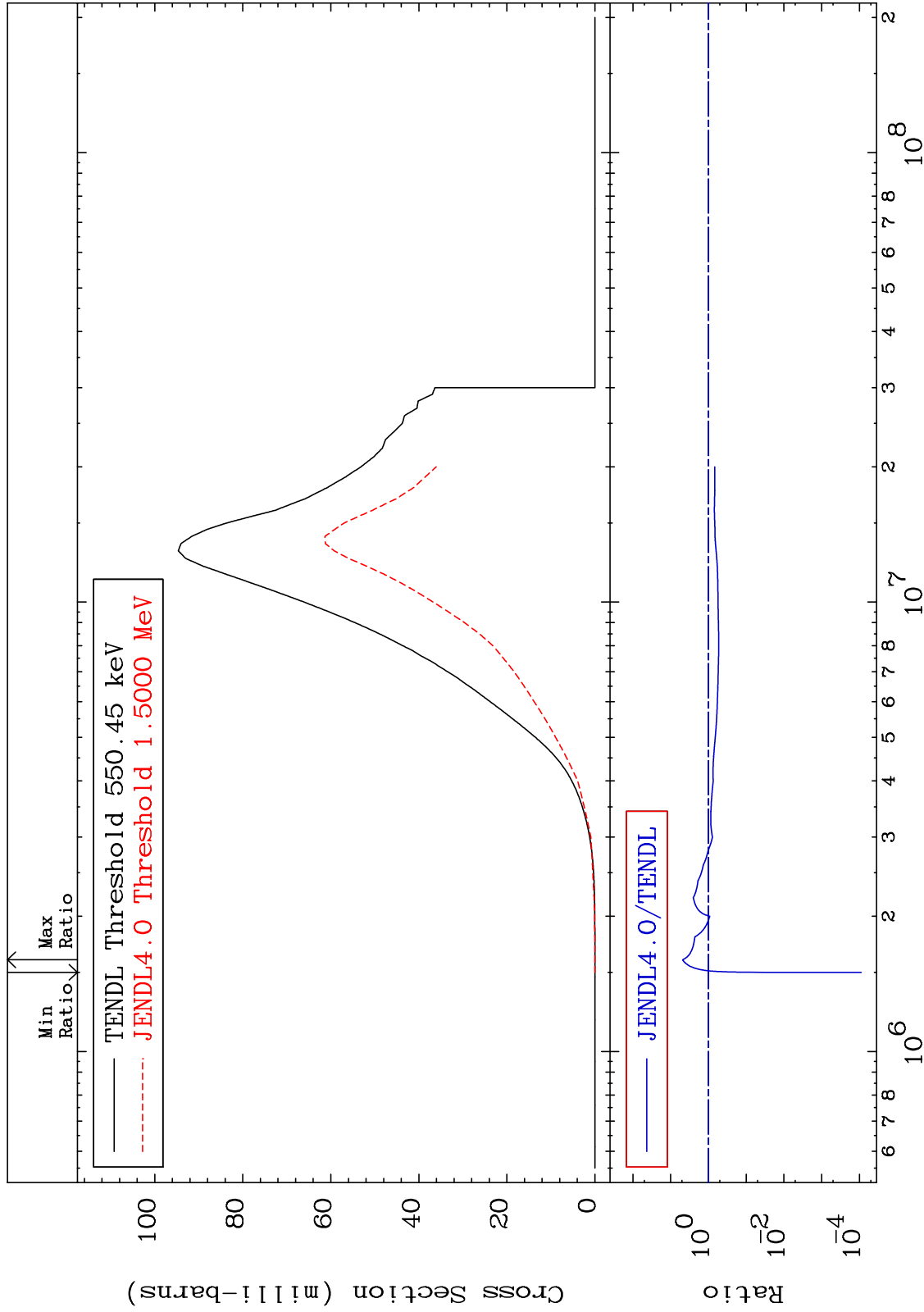
MAT 2834

(n,p)

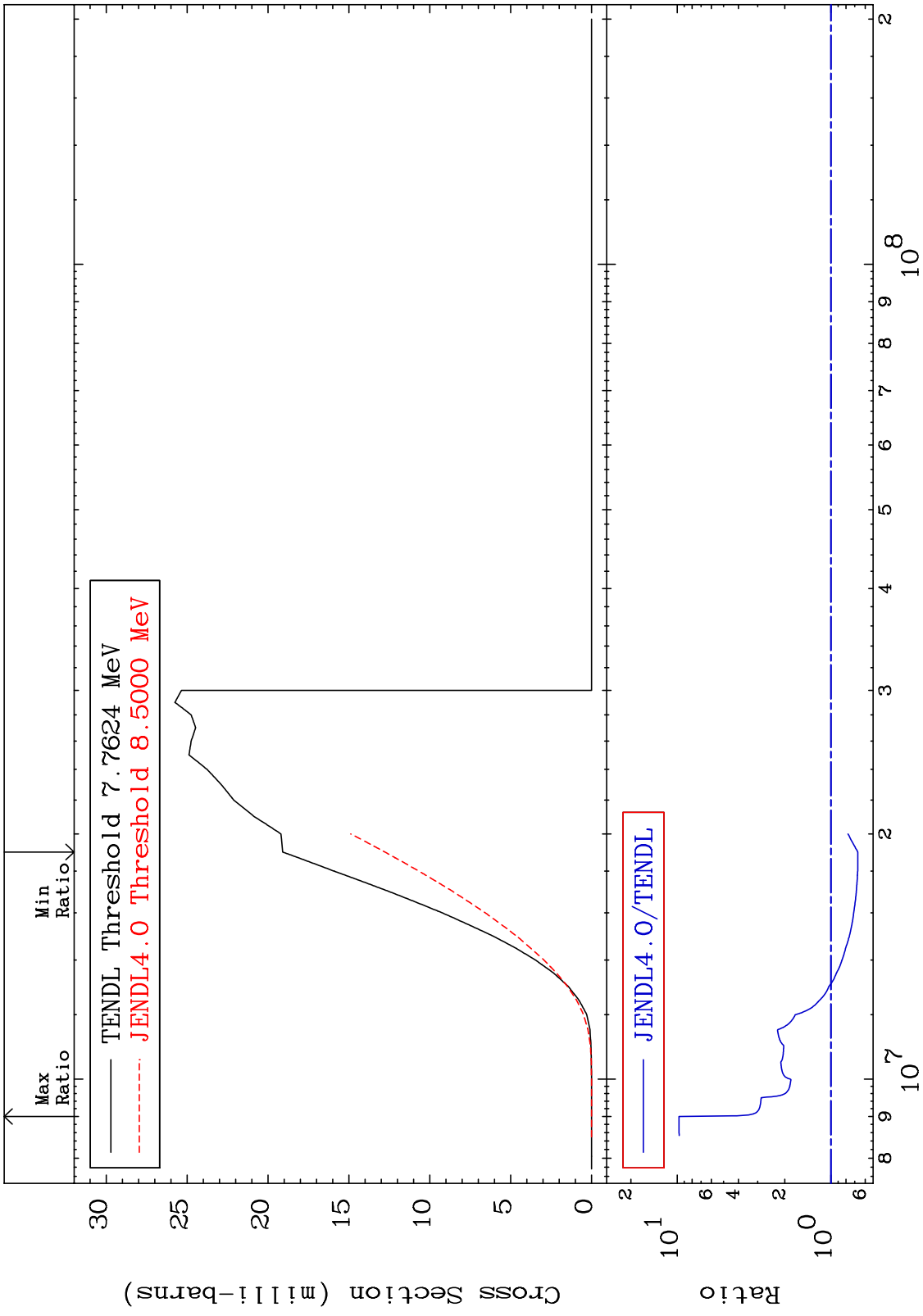
28-Ni-61

Cross Section

-99.99 To 386.5 %

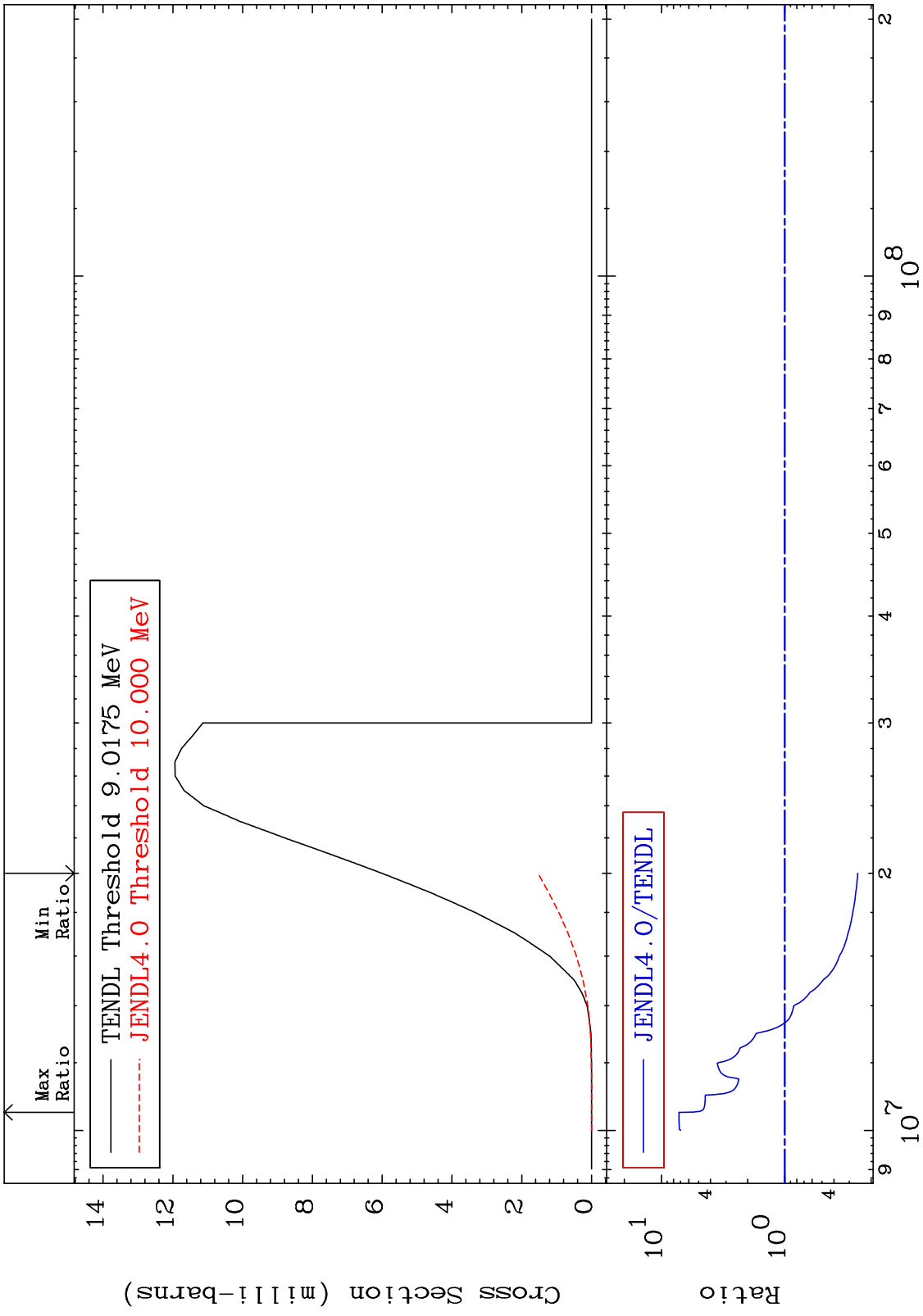


MAT 2834 (n,d) 28-Ni-61  
 Cross Section -33.09 To 872.2 %



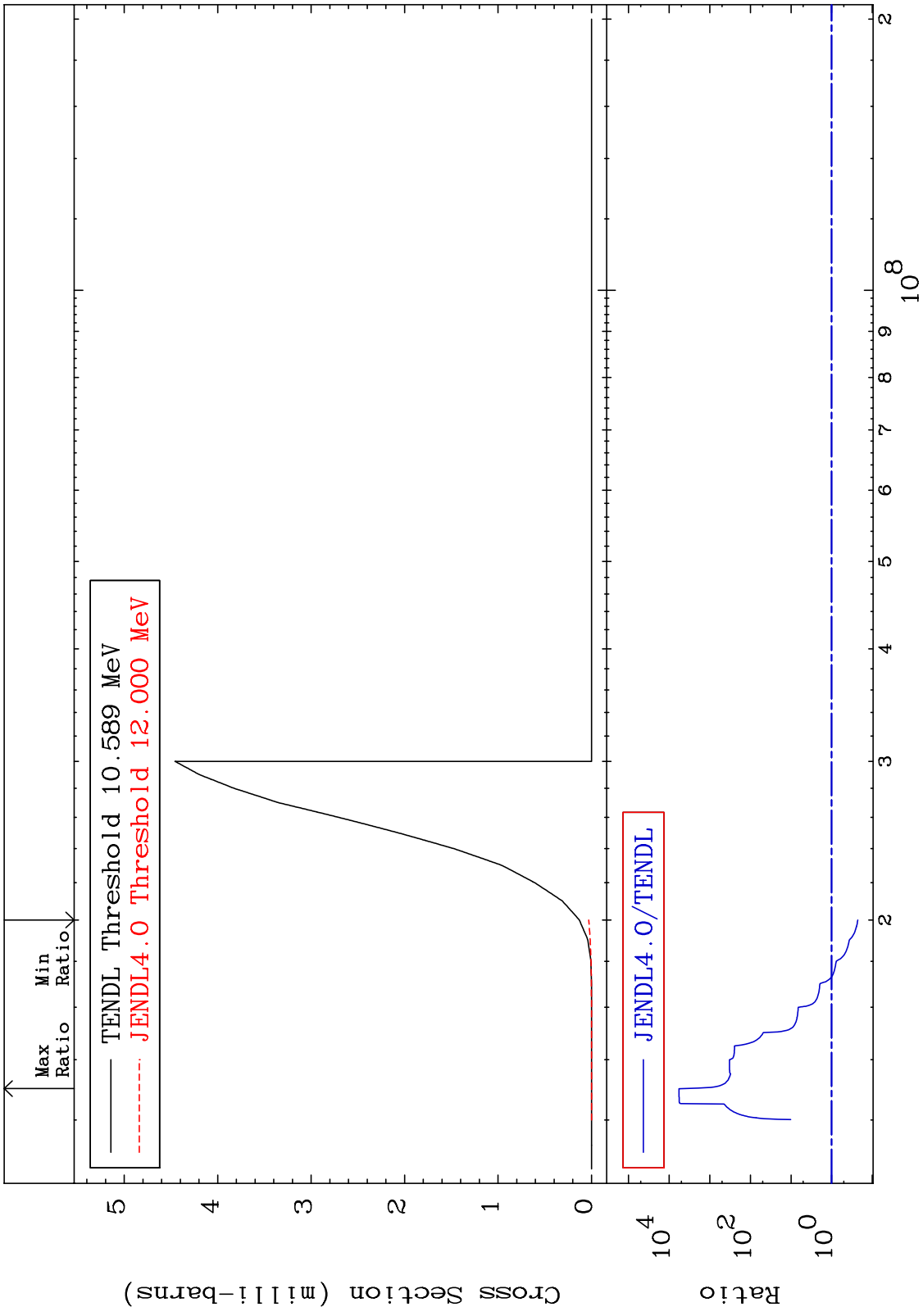
30 28-Ni-61

MAT 2834 (n,t) 28-Ni-61  
 Cross Section -74.40 To 620.3 %



31 28-Ni-61





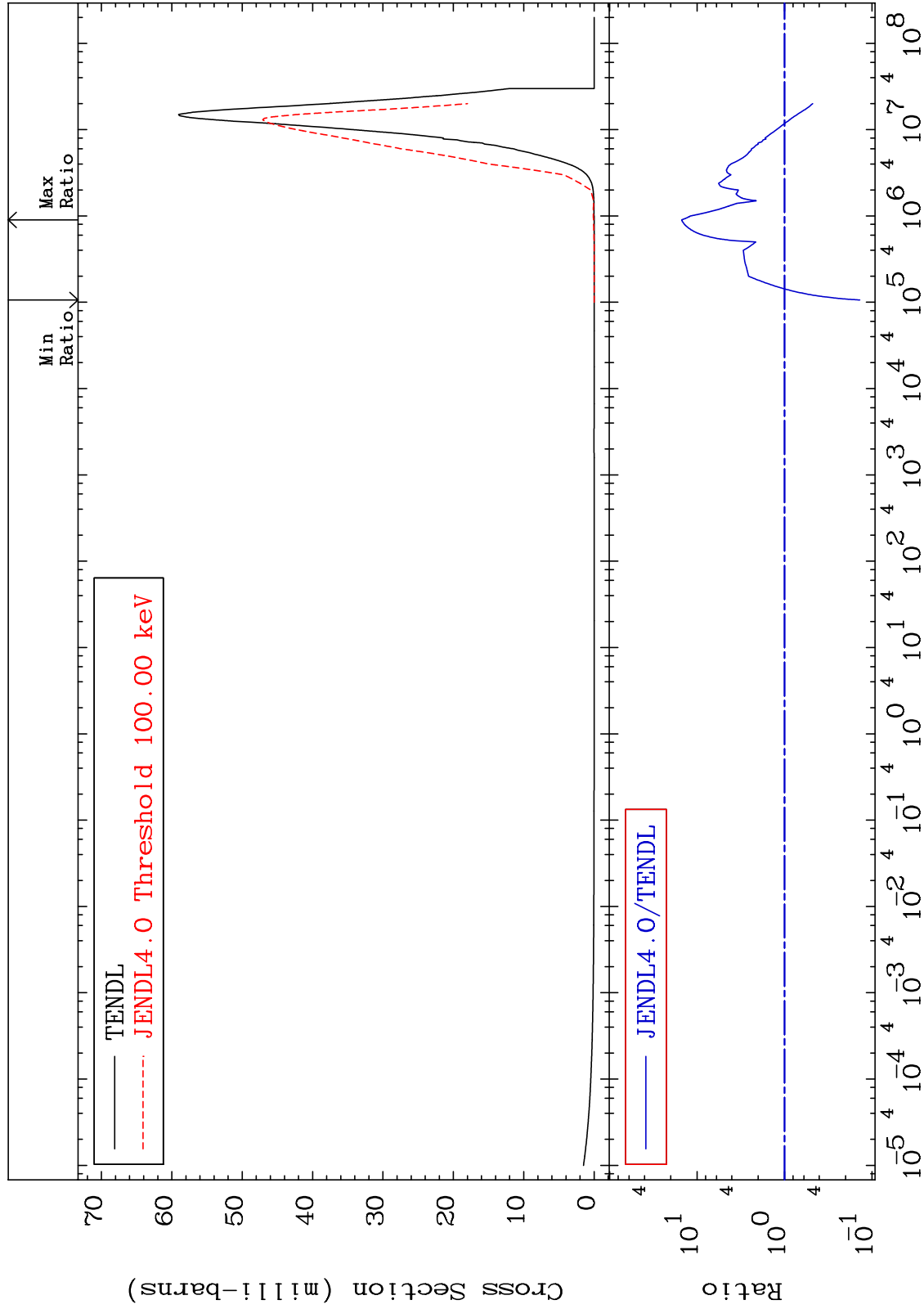
MAT 2834

(n,α)

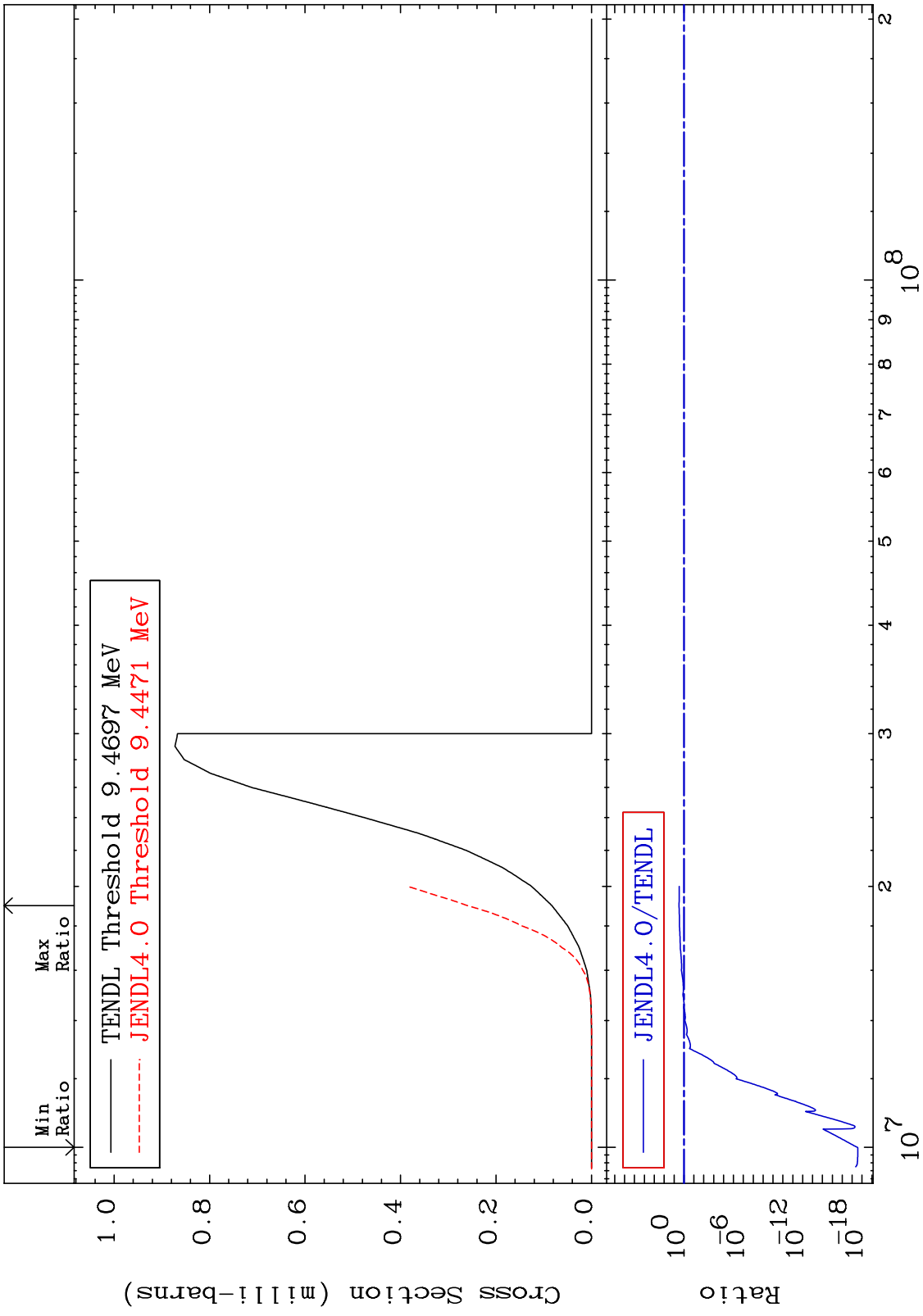
28-Ni-61

Cross Section

-86.25 To 1409. %



MAT 2834 (n,2p) 28-Ni-61  
 Cross Section -100.0 To 213.3 %

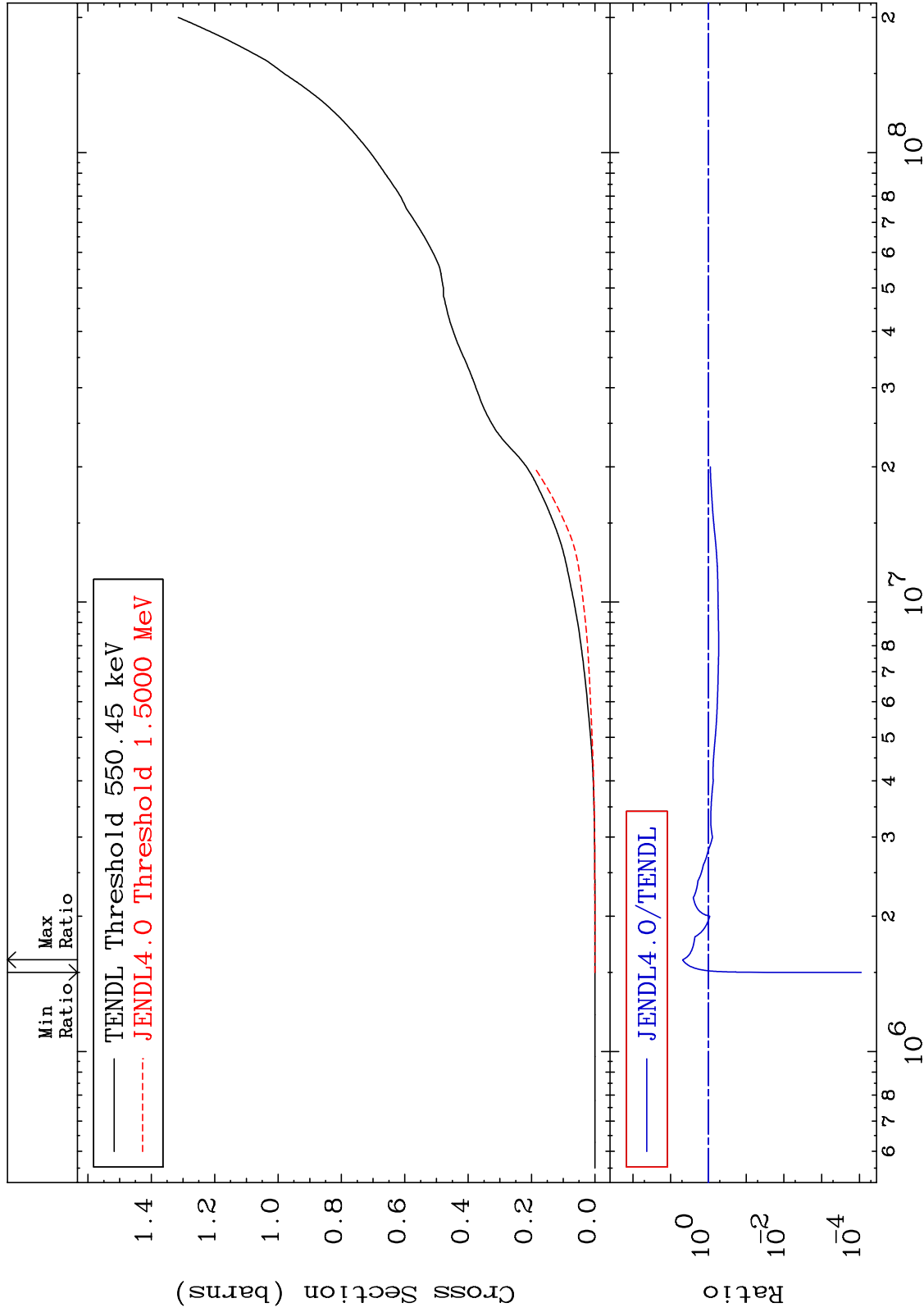


34 28-Ni-61

MAT 2834

Hydrogen Production  
Cross Section

28-Ni-61  
-99.99 To 386.5 %

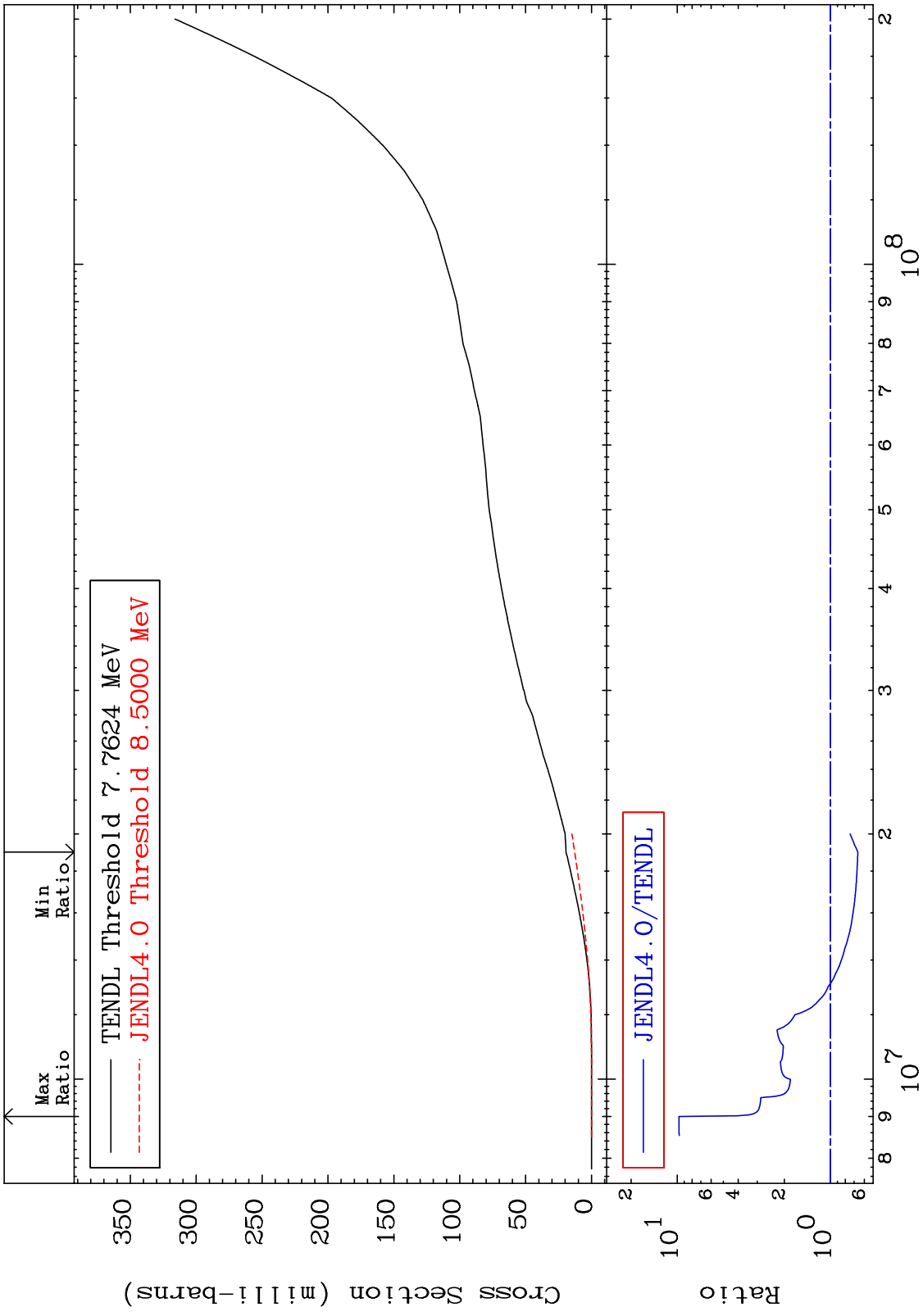


35

Incident Energy (eV)

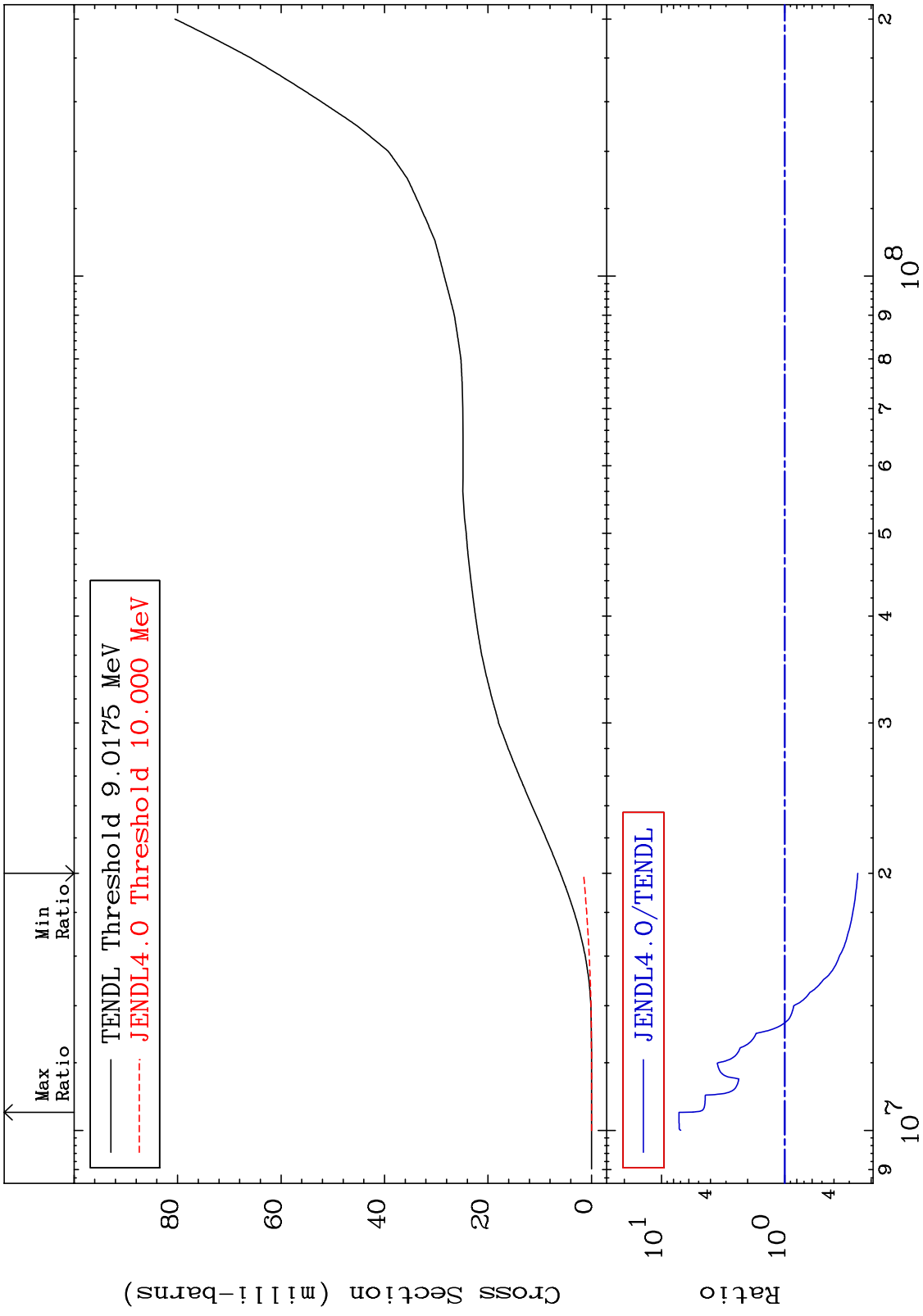
28-Ni-61

MAT 2834 Deuterium Production Cross Section 28-Ni-61 -33.80 To 872.2 %



36 28-Ni-61

MAT 2834 Tritium Production Cross Section 28-Ni-61  
 -74.40 To 620.3 %

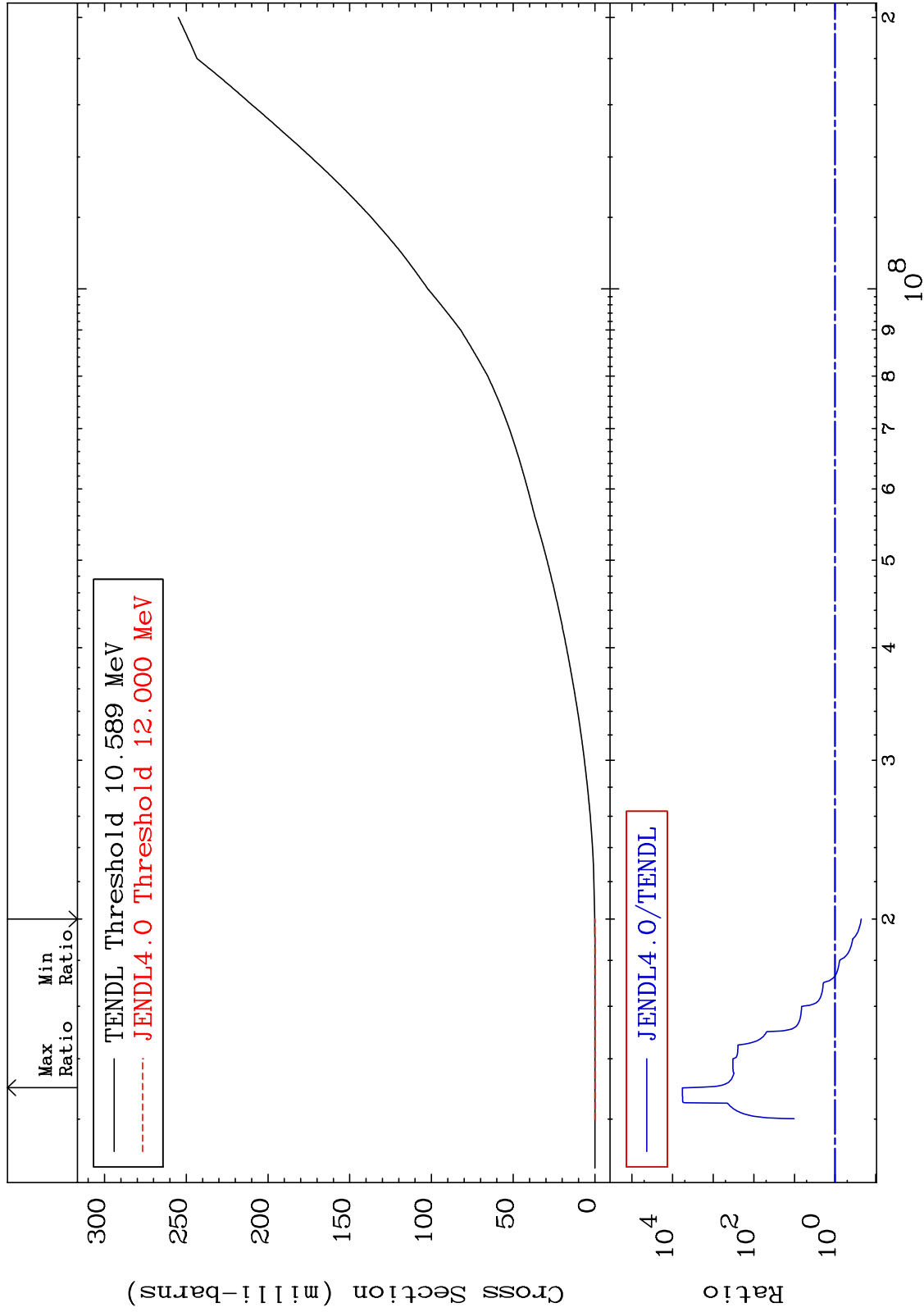


37 28-Ni-61

MAT 2834

He-3 Production  
Cross Section

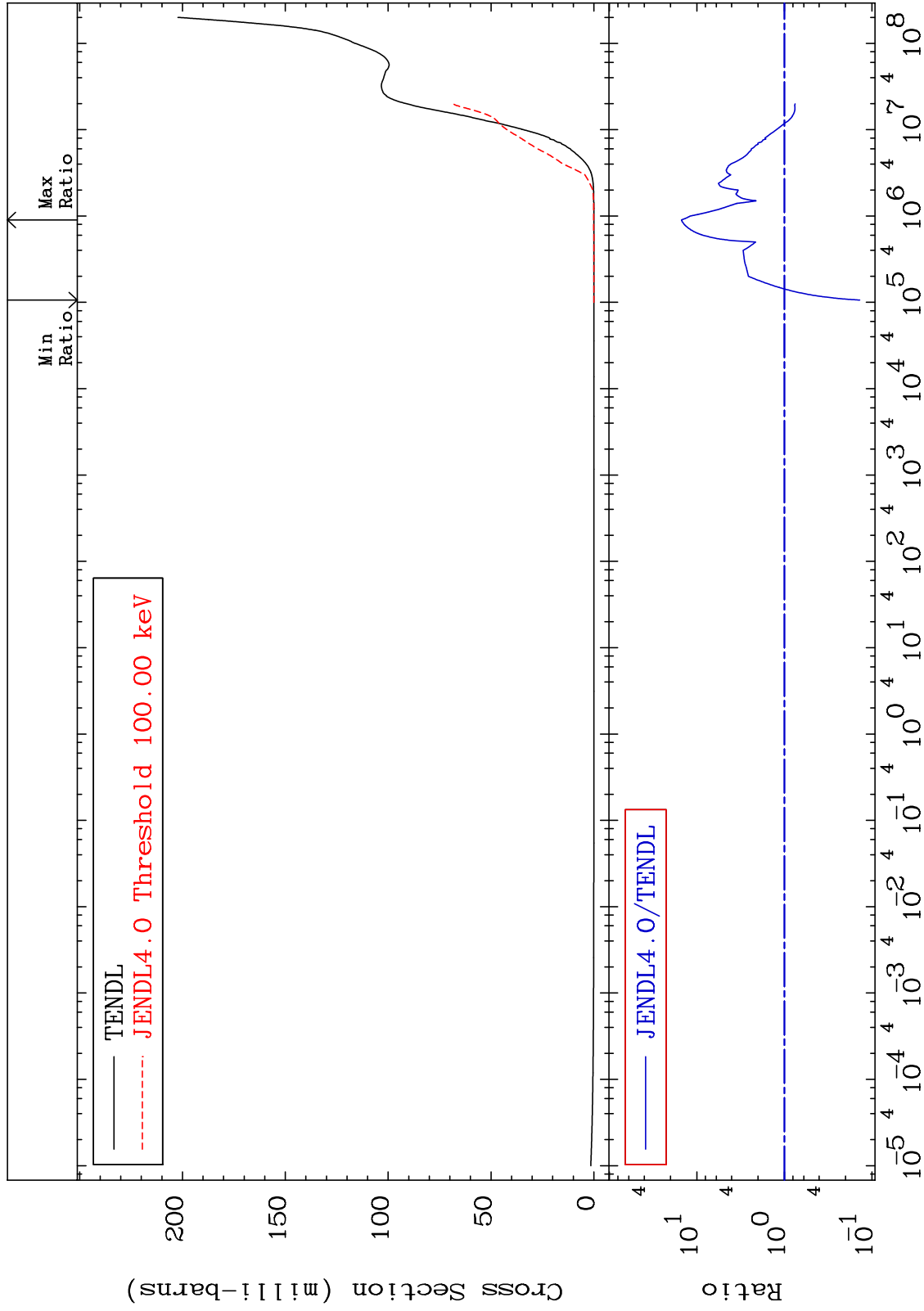
28-Ni-61  
-77.36 To 9999. %



MAT 2834

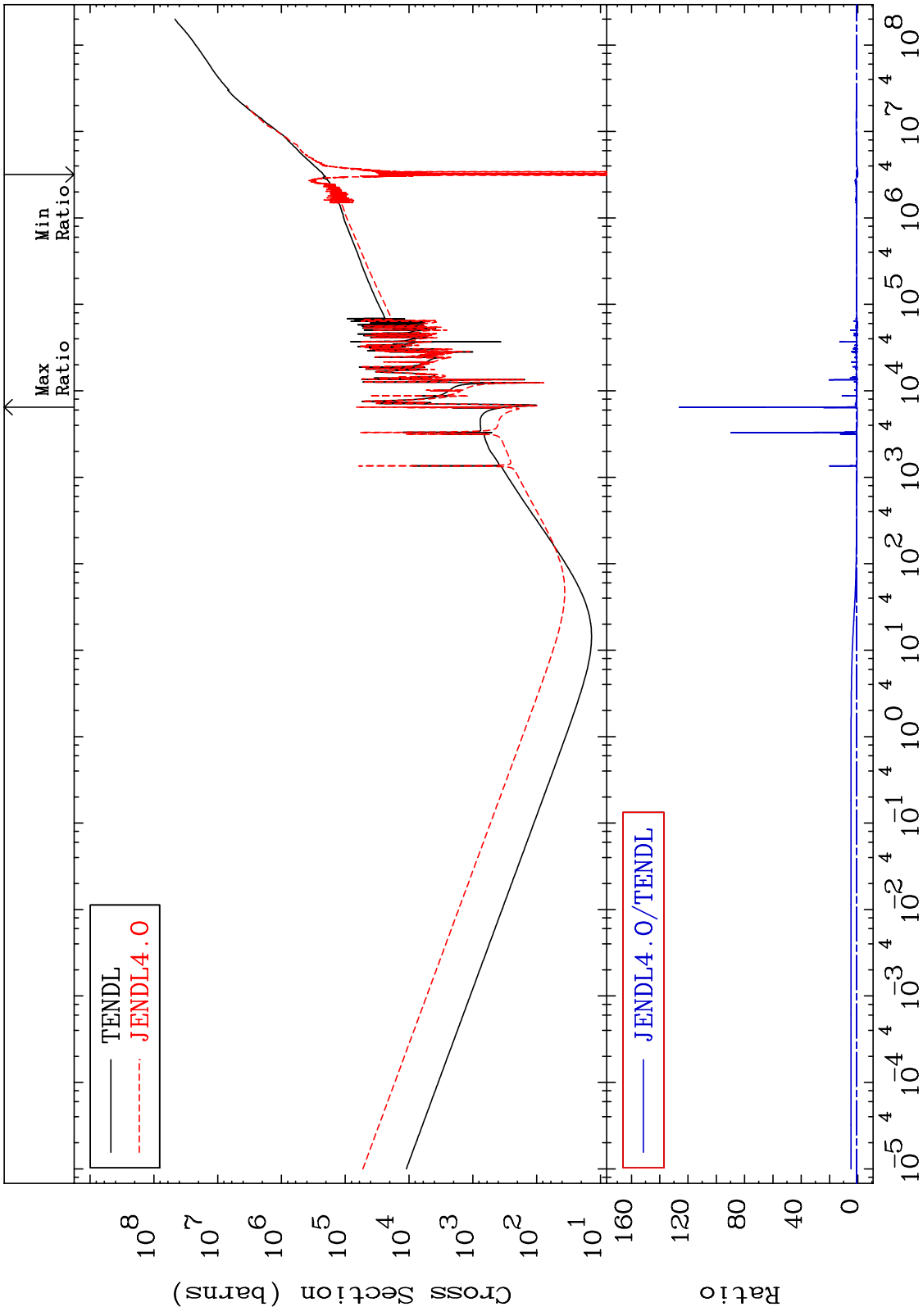
He-4 Production  
Cross Section

28-Ni-61  
-86.25 To 1409. %





MAT 2834      Kerma total (eV-barns)      Cross Section      28-Ni-61  
 -102.7 To 9999. %

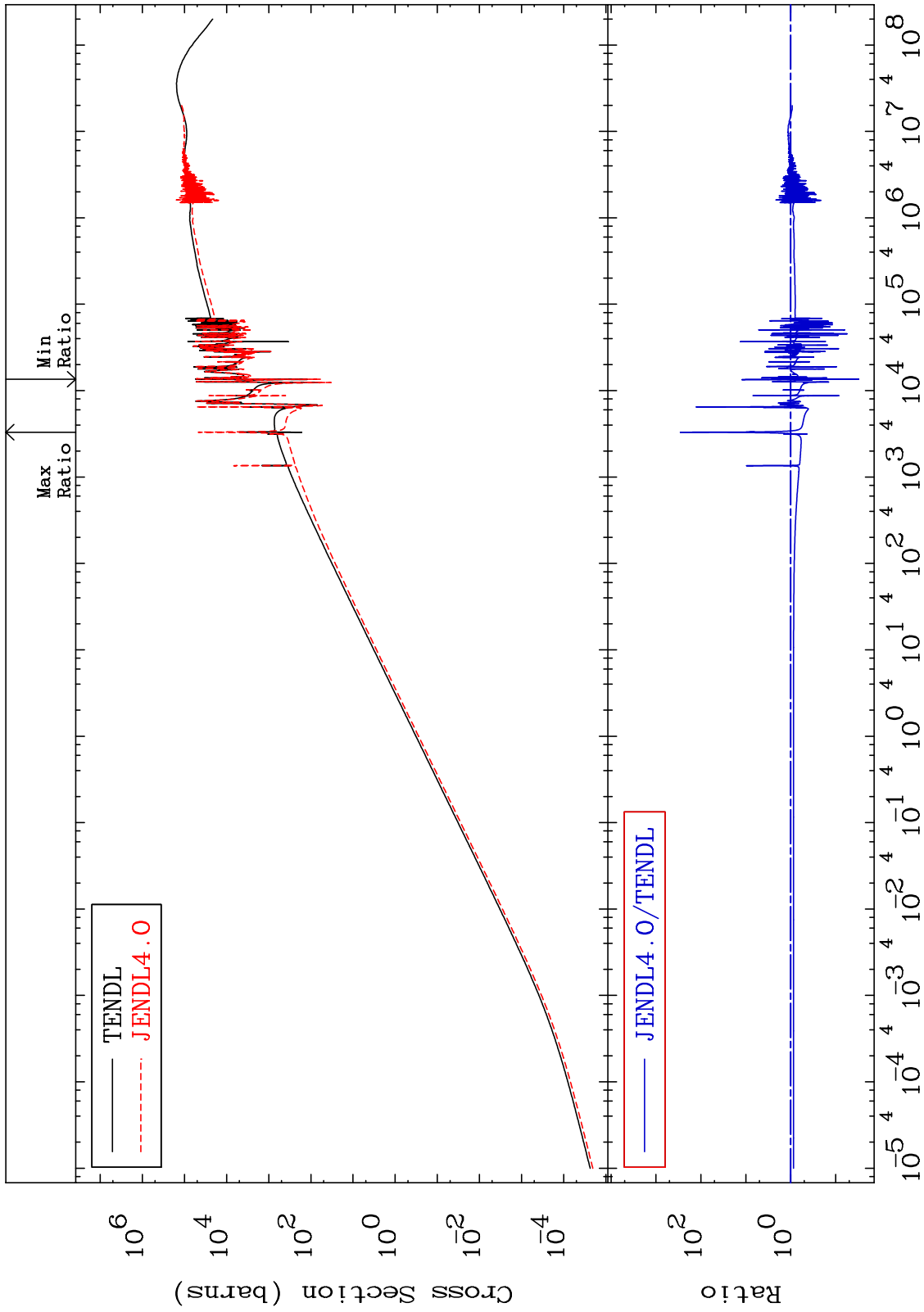


48      Incident Energy (eV)      28-Ni-61

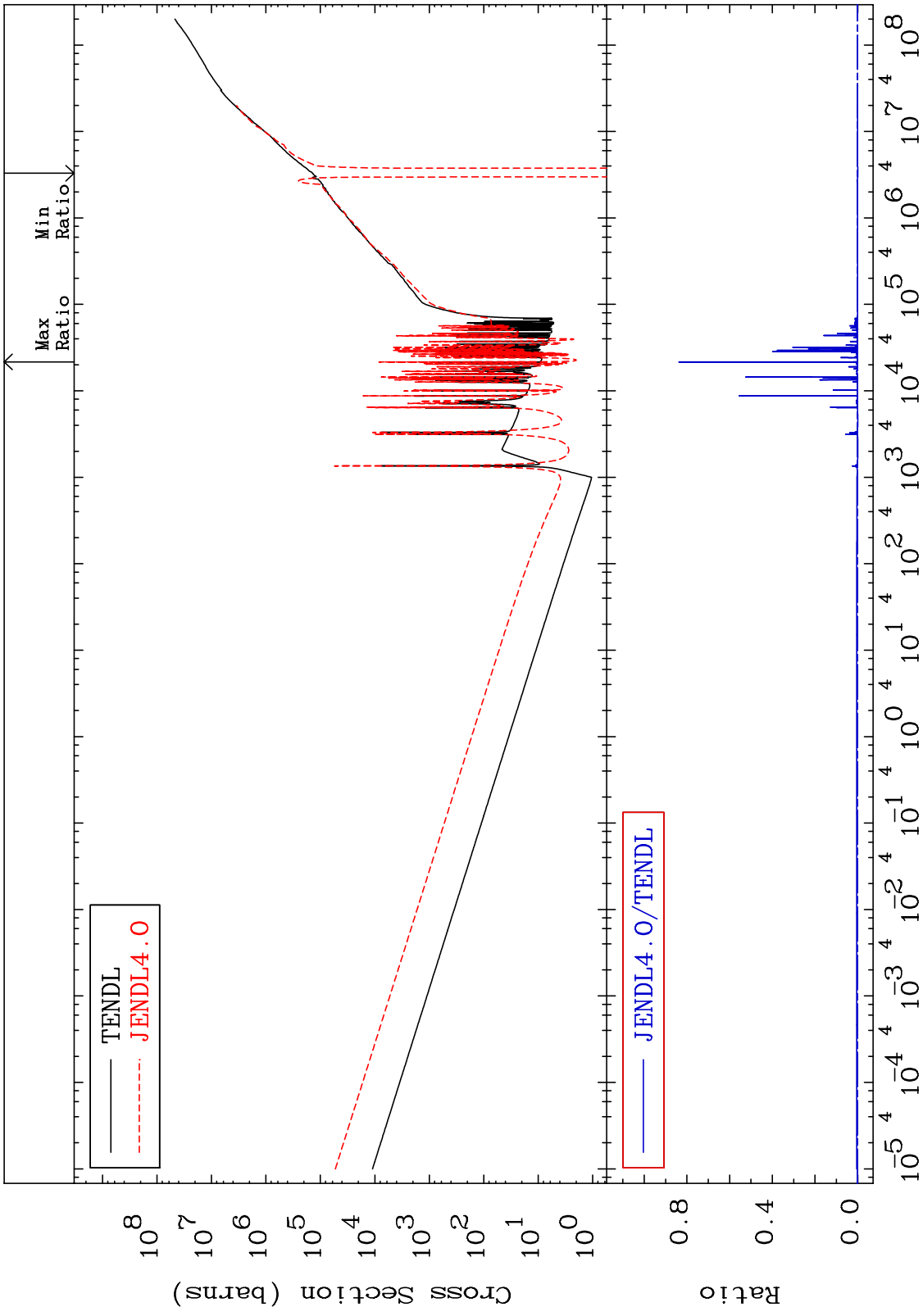
MAT 2834

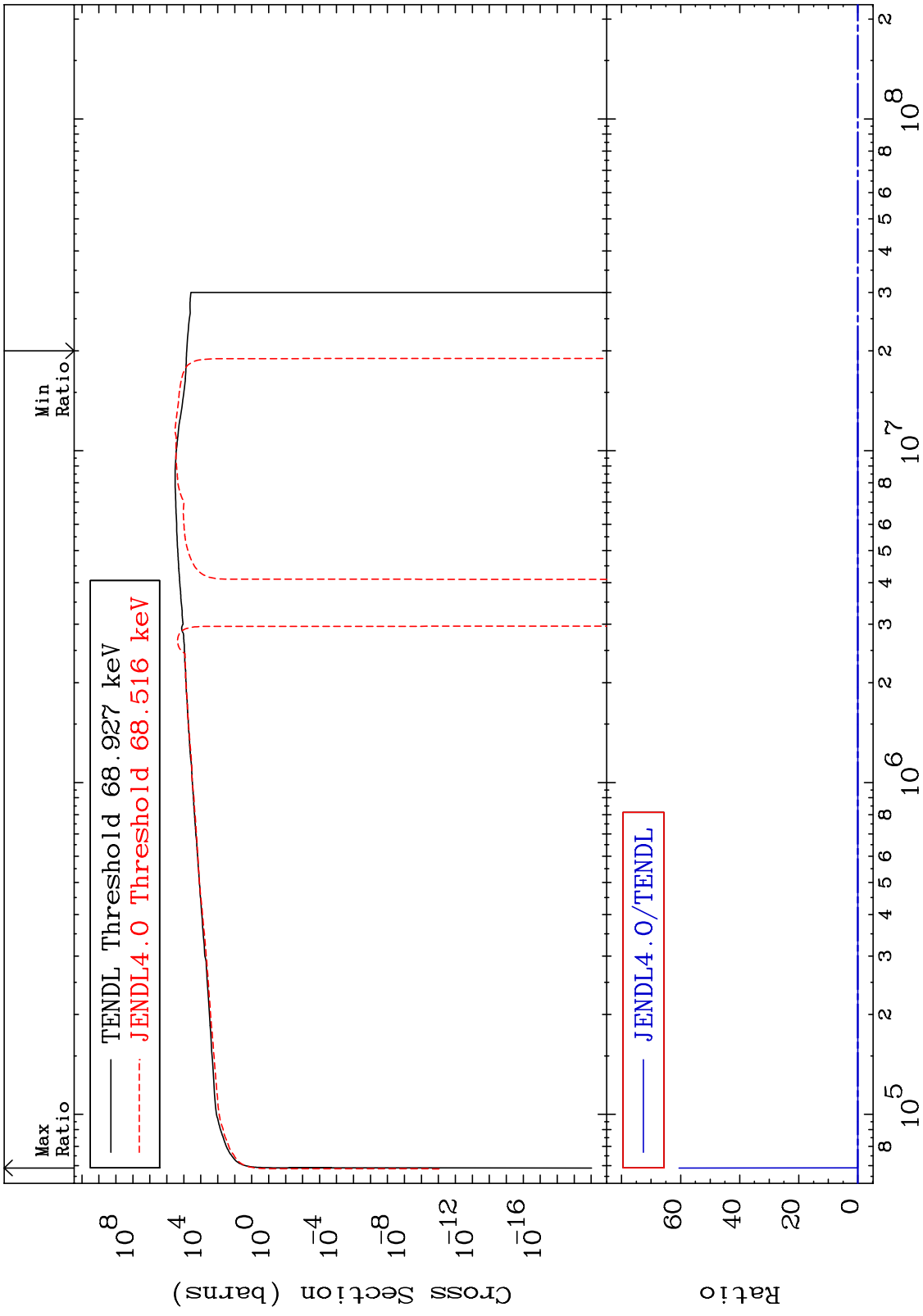
Kerma elastic  
Cross Section

28-Ni-61  
-96.96 To 9999. %



MAT 2834      Kerma non-elastic (all but mt2)      28-Ni-61  
 Cross Section      -151.4 To 9999. %

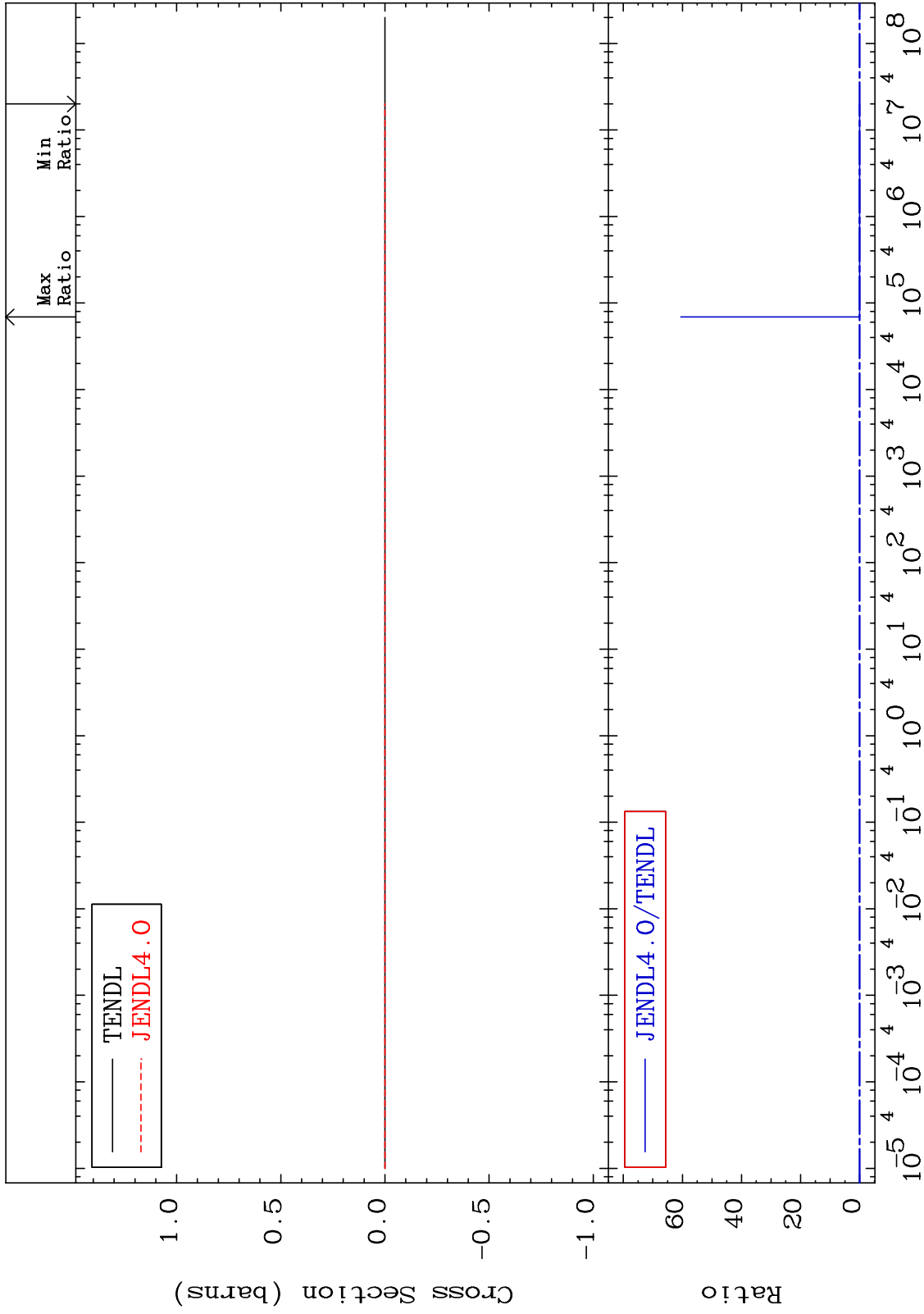




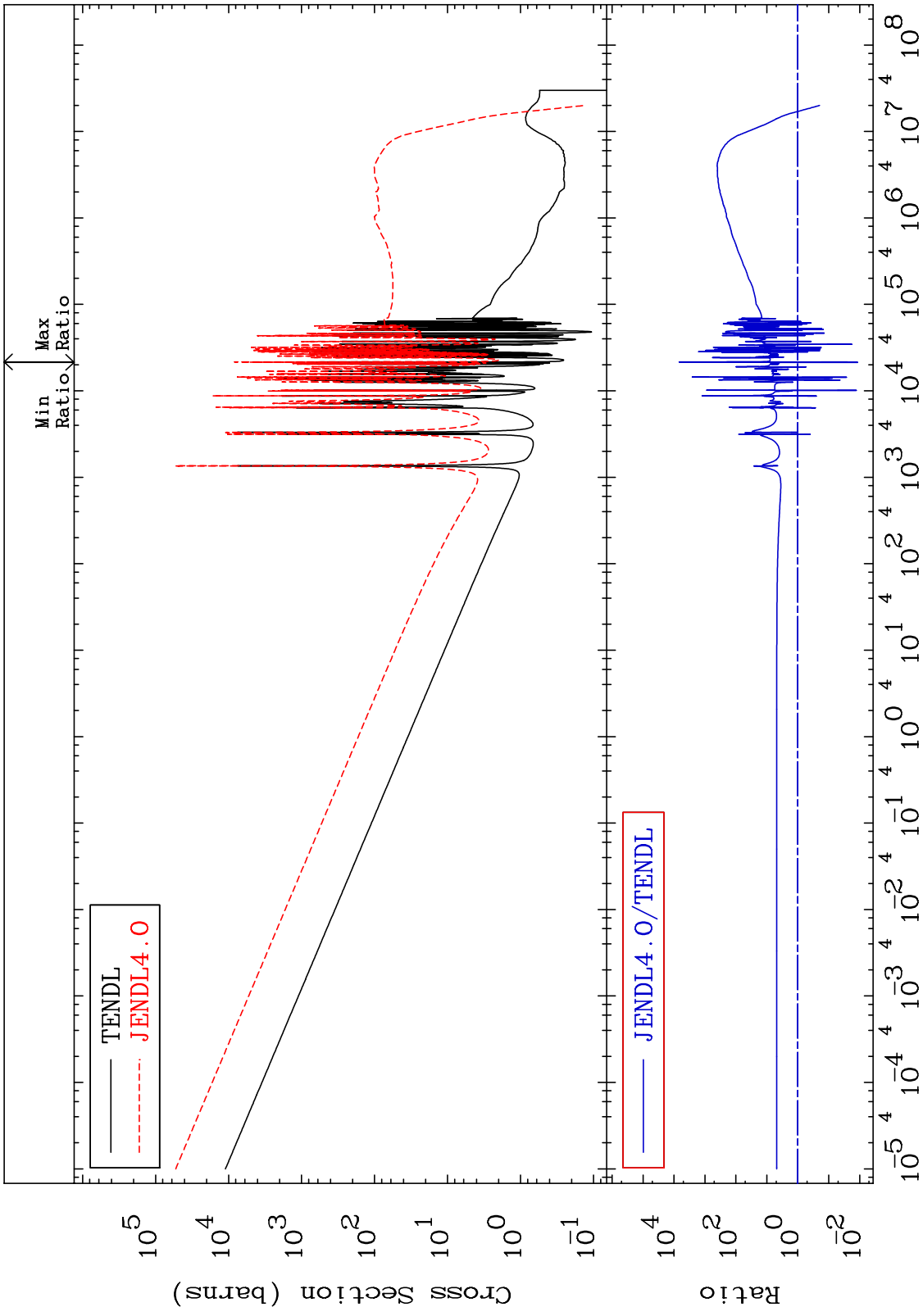
MAT 2834

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

28-Ni-61  
-220.3 To 9999. %



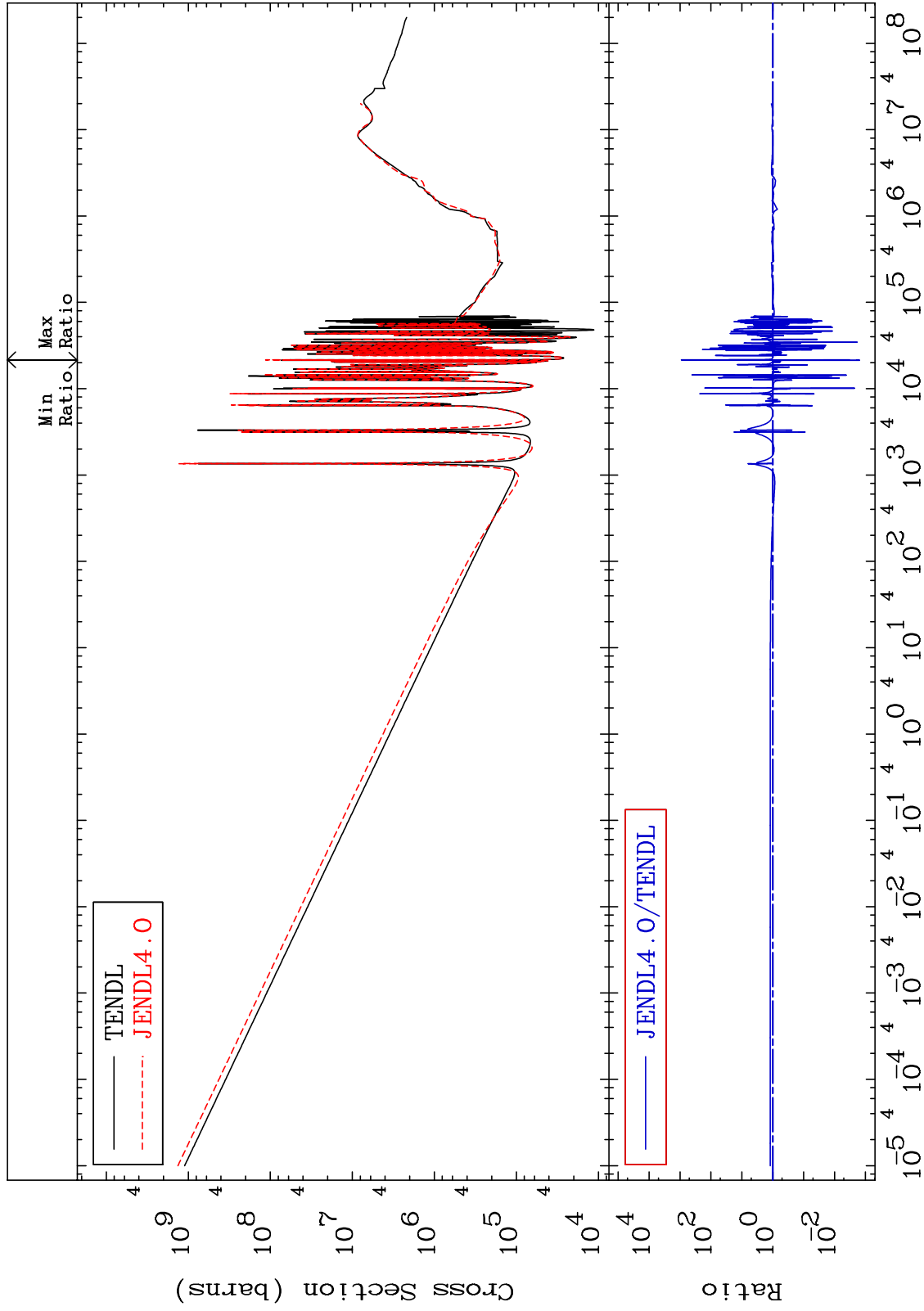
MAT 2834      Kerma capture (mt102)      28-Ni-61  
 Cross Section      -98.85 To 9999. %



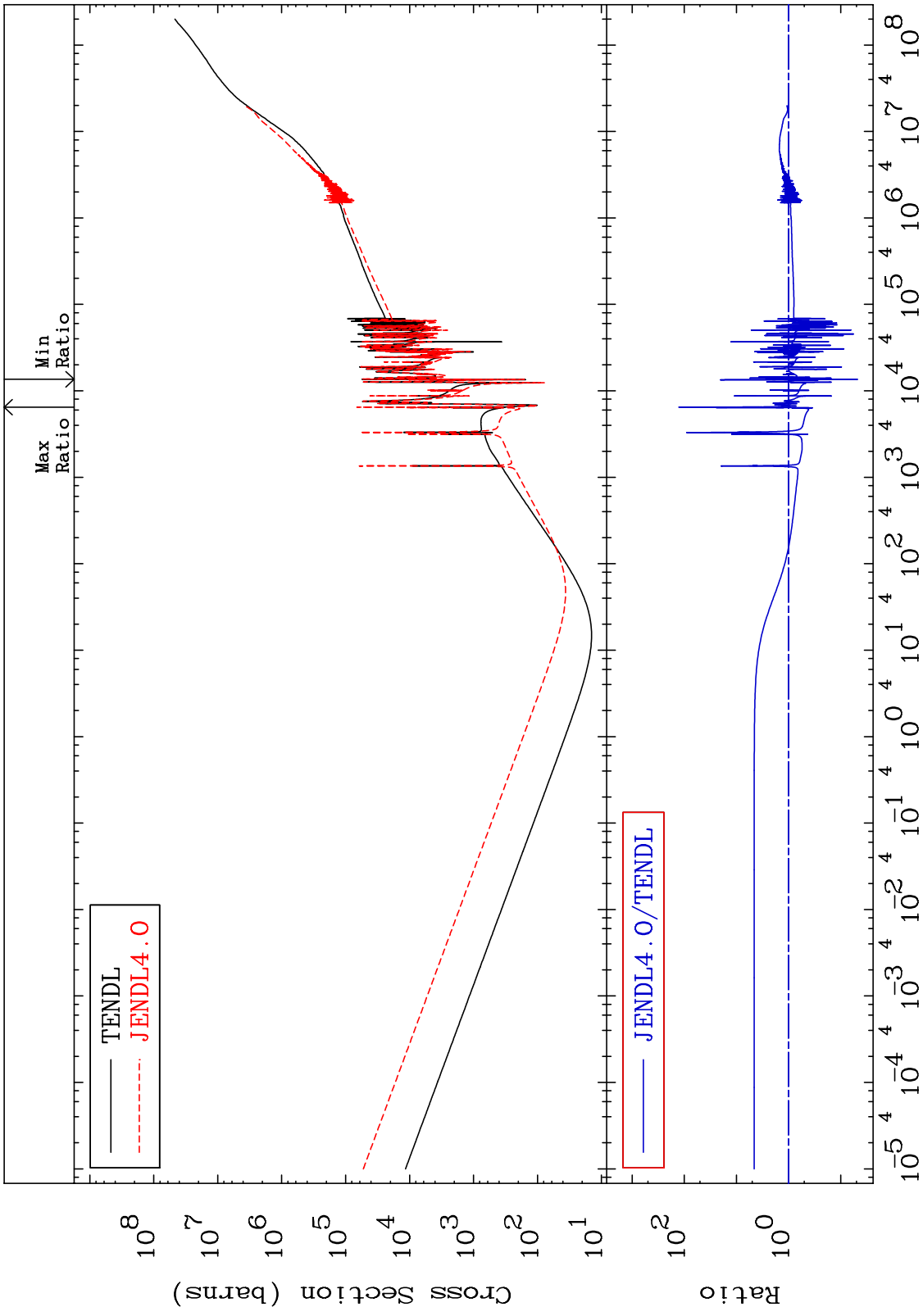
MAT 2834

Total photon (eV-barns)  
Cross Section

28-Ni-61  
-99.85 To 9999. %



MAT 2834      Total kinematic kerma (high limit)      28-Ni-61  
 Cross Section      -95.30 To 9999. %



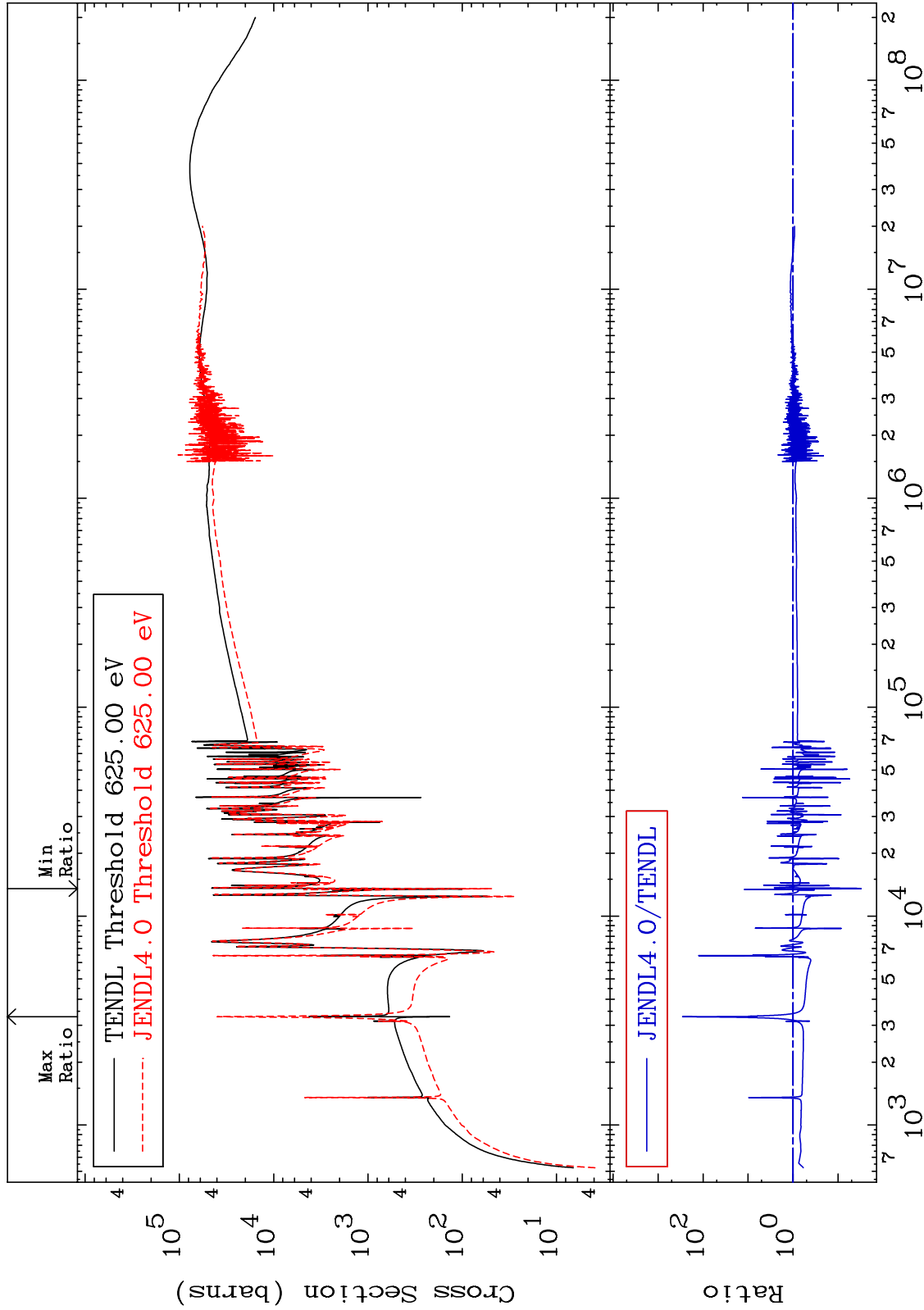




MAT 2834

Dpa elastic (mt2)  
Cross Section

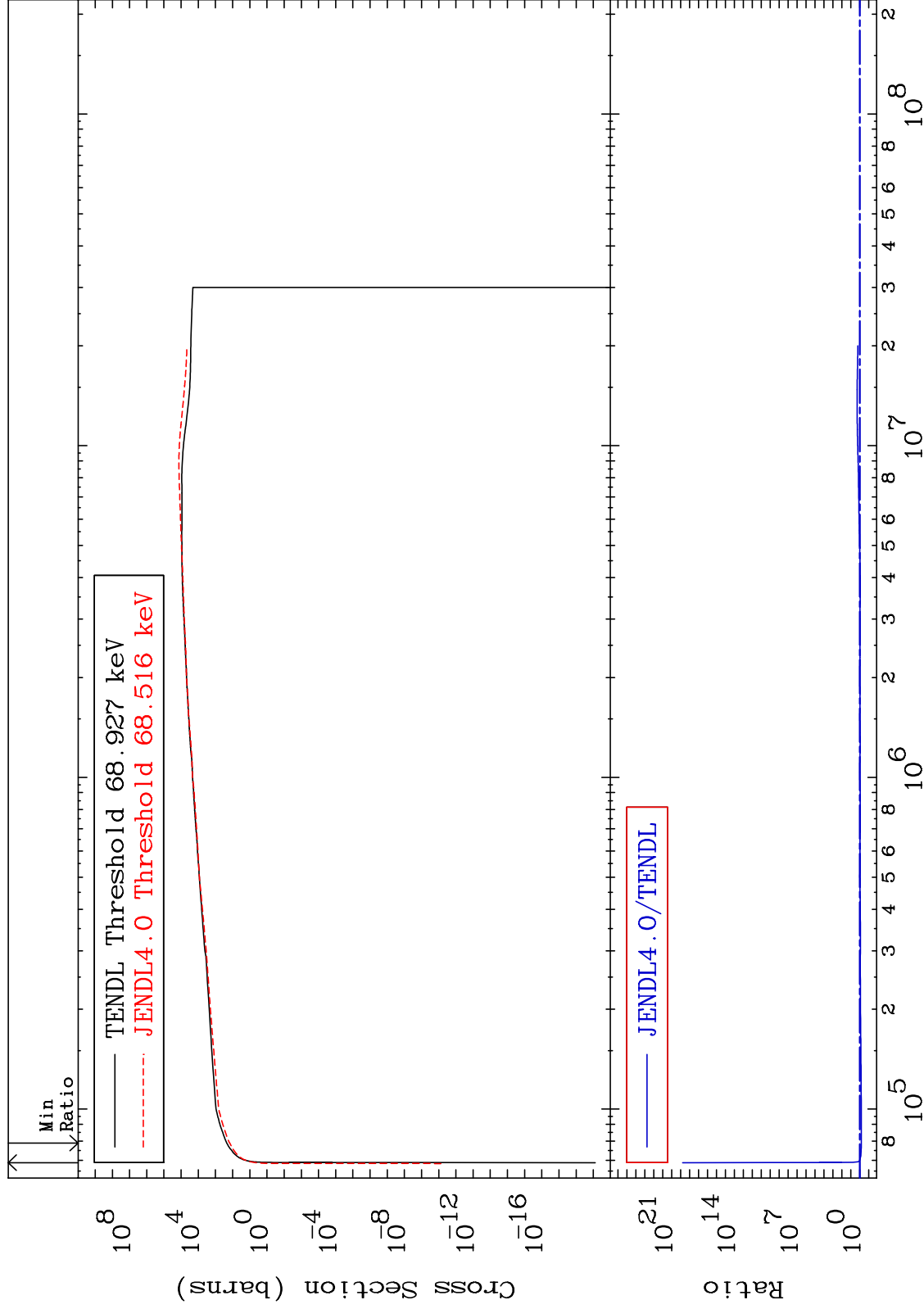
28-Ni-61  
-96.96 To 9999. %



MAT 2834

Dpa inelastic (mt51-91)  
Cross Section

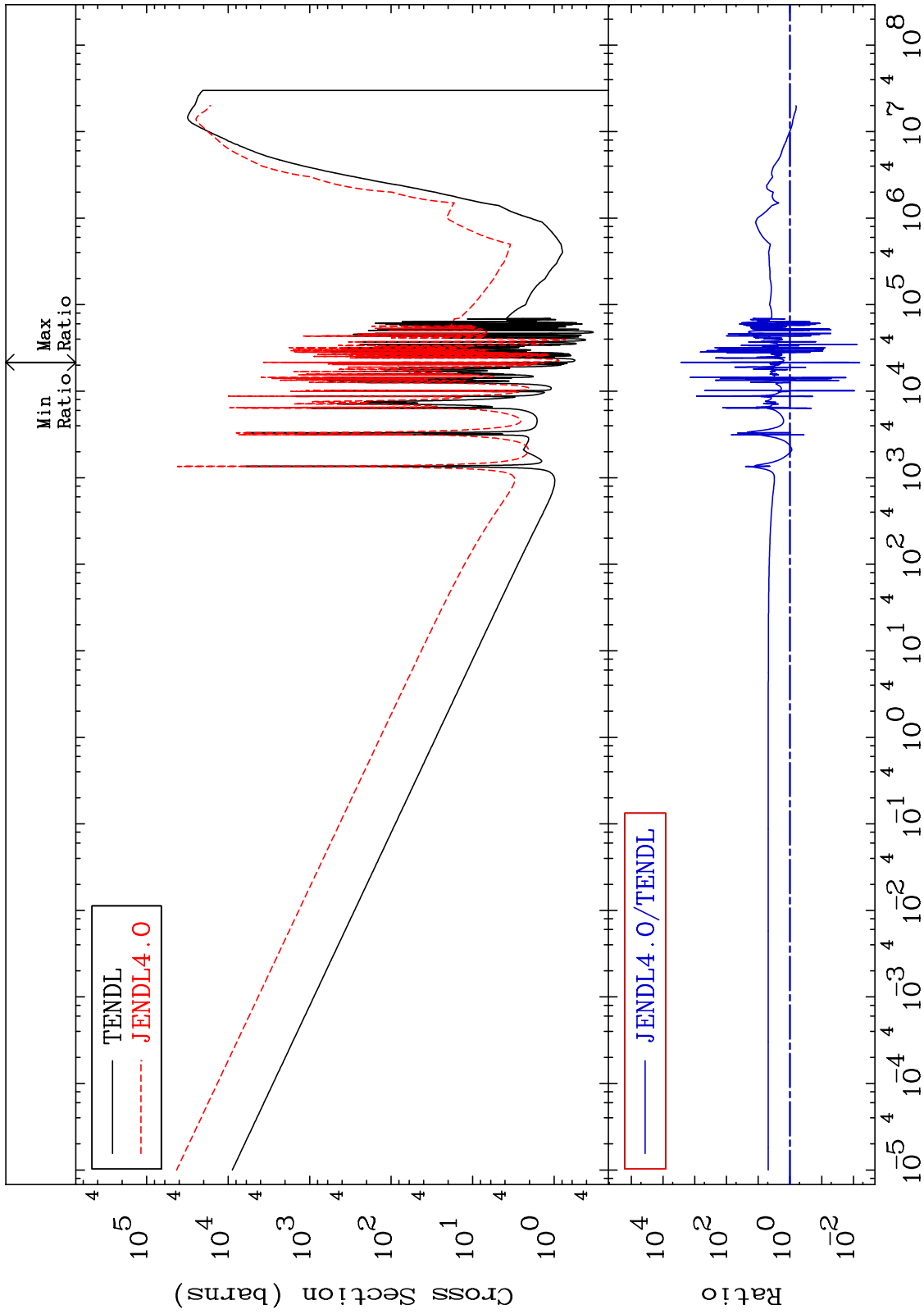
28-Ni-61  
-31.99 To 9999. %



MAT 2834

Dpa disappearance (mt102 -120)  
Cross Section

28-Ni-61  
-99.36 To 9999. %

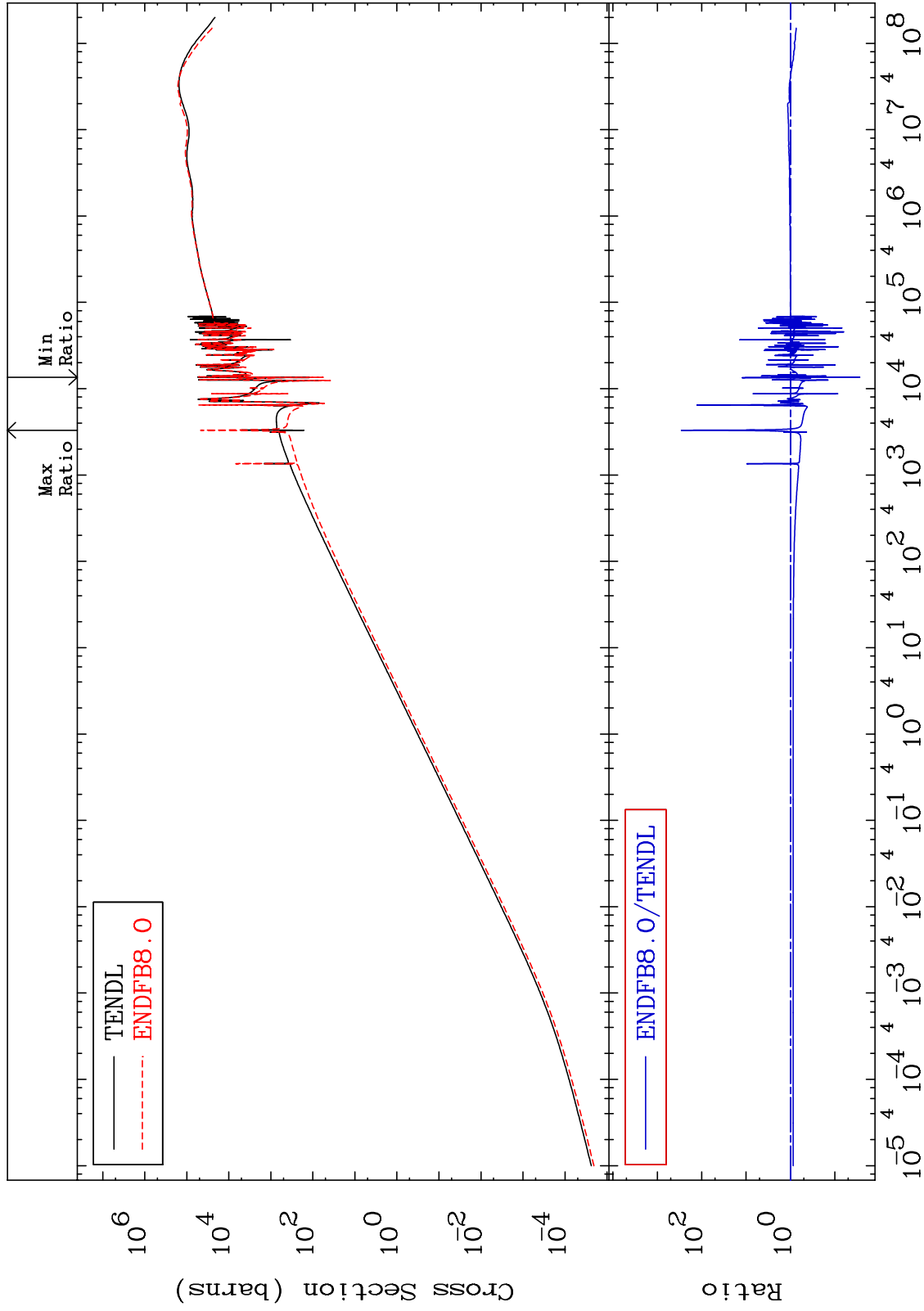




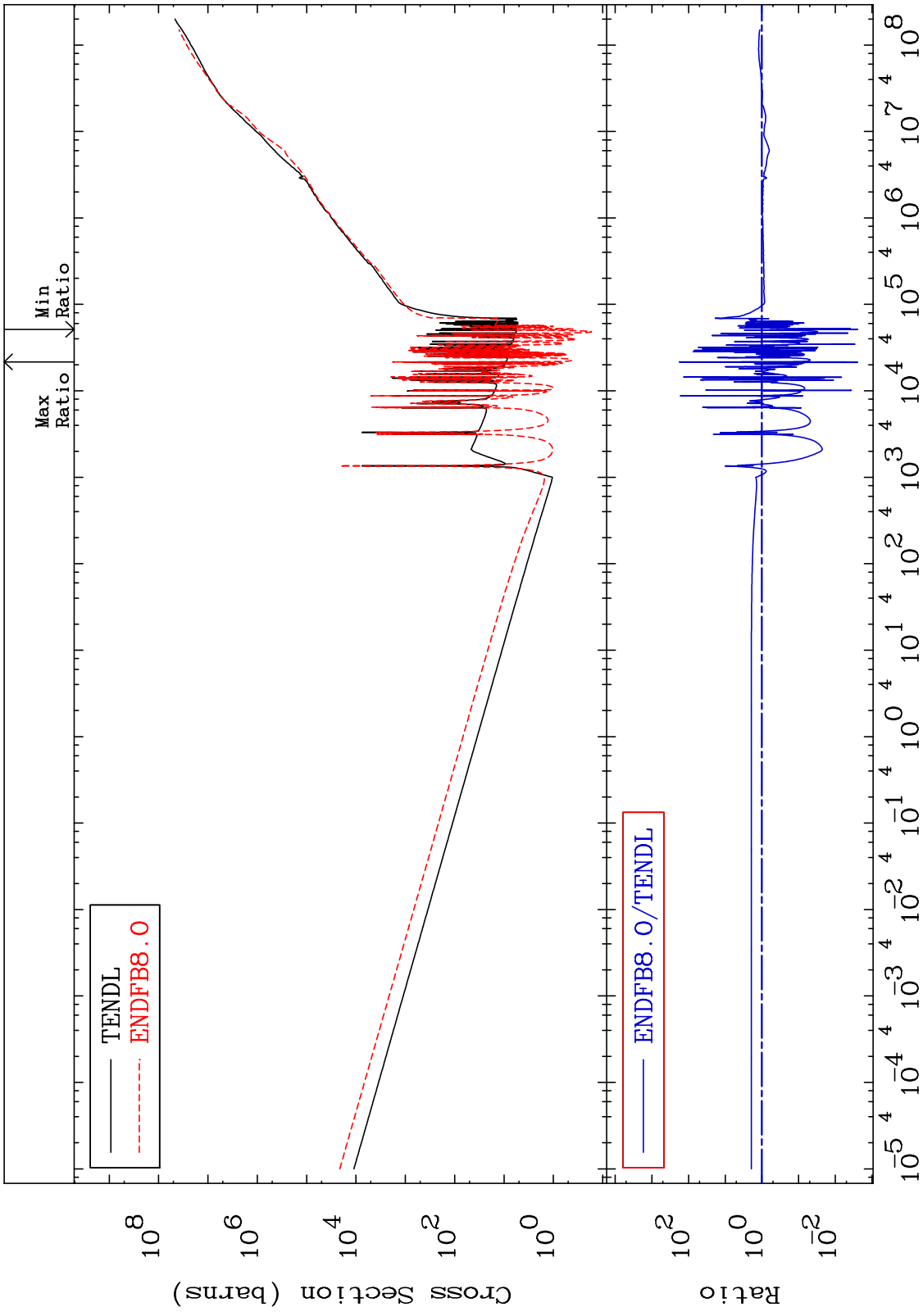
MAT 2834

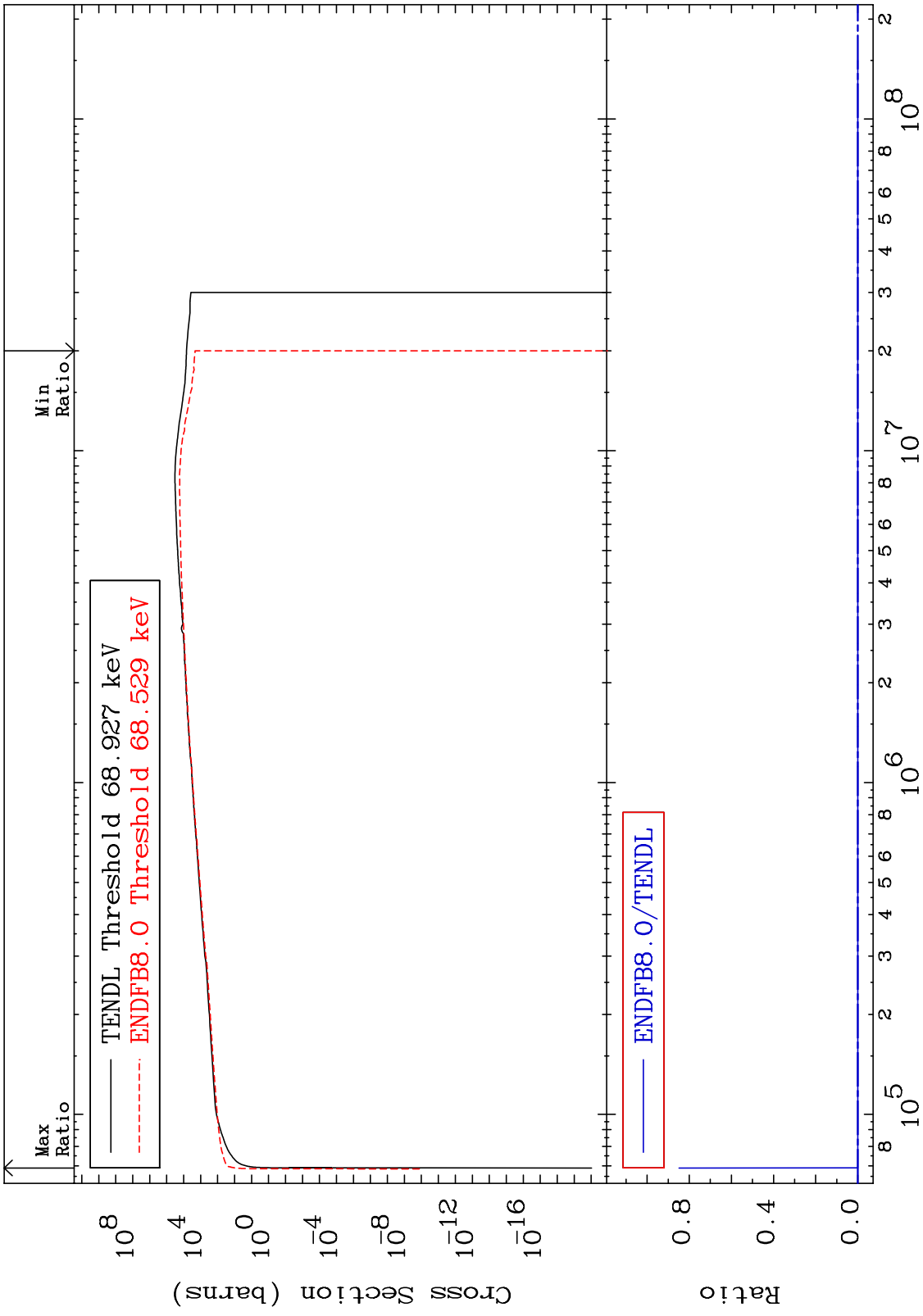
Kerma elastic  
Cross Section

28-Ni-61  
-97.26 To 9999. %



MAT 2834      Kerma non-elastic (all but mt2)      28-Ni-61  
 Cross Section      -99.76 To 9999. %



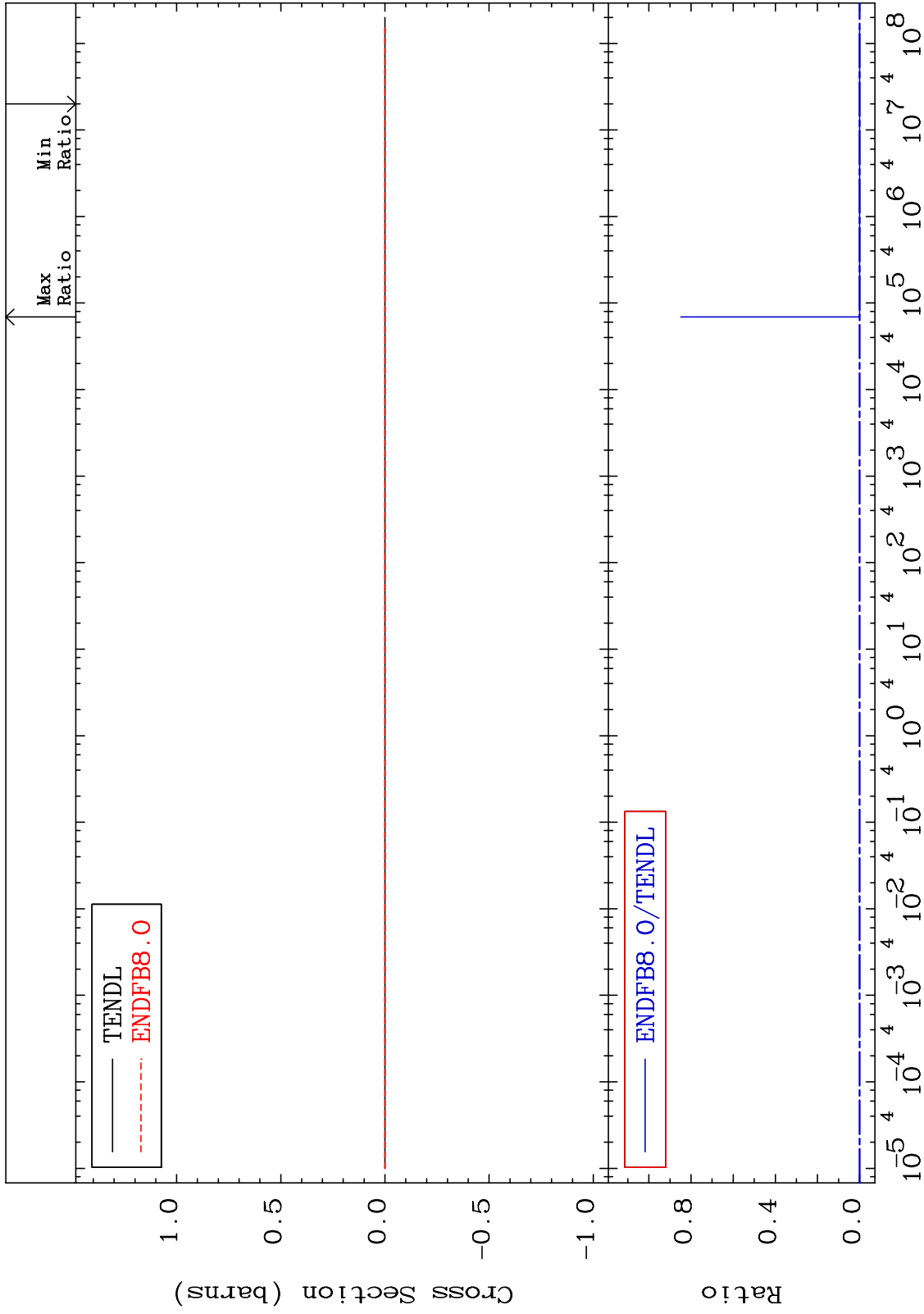




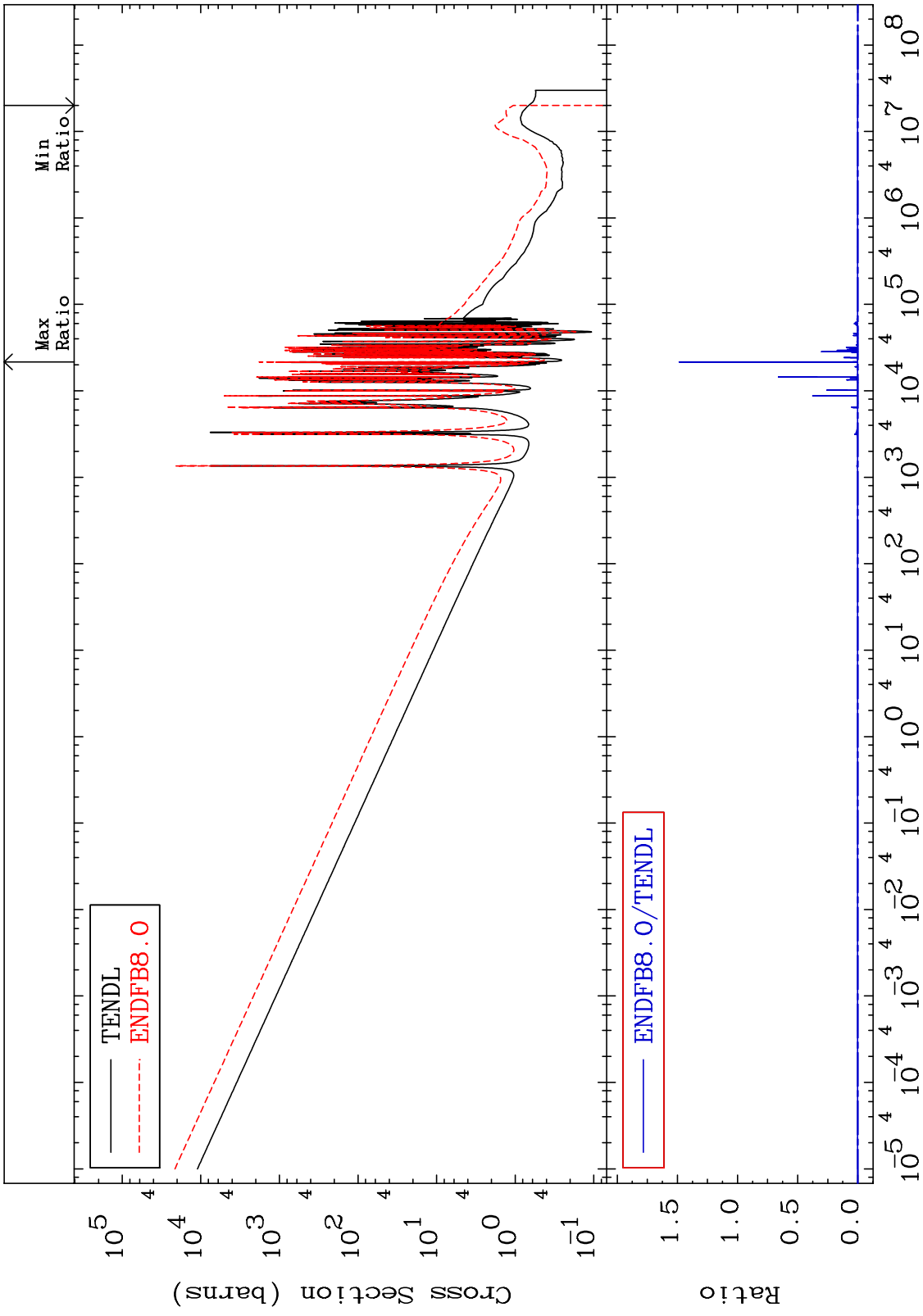
MAT 2834

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

28-Ni-61  
-100.0 To 9999. %



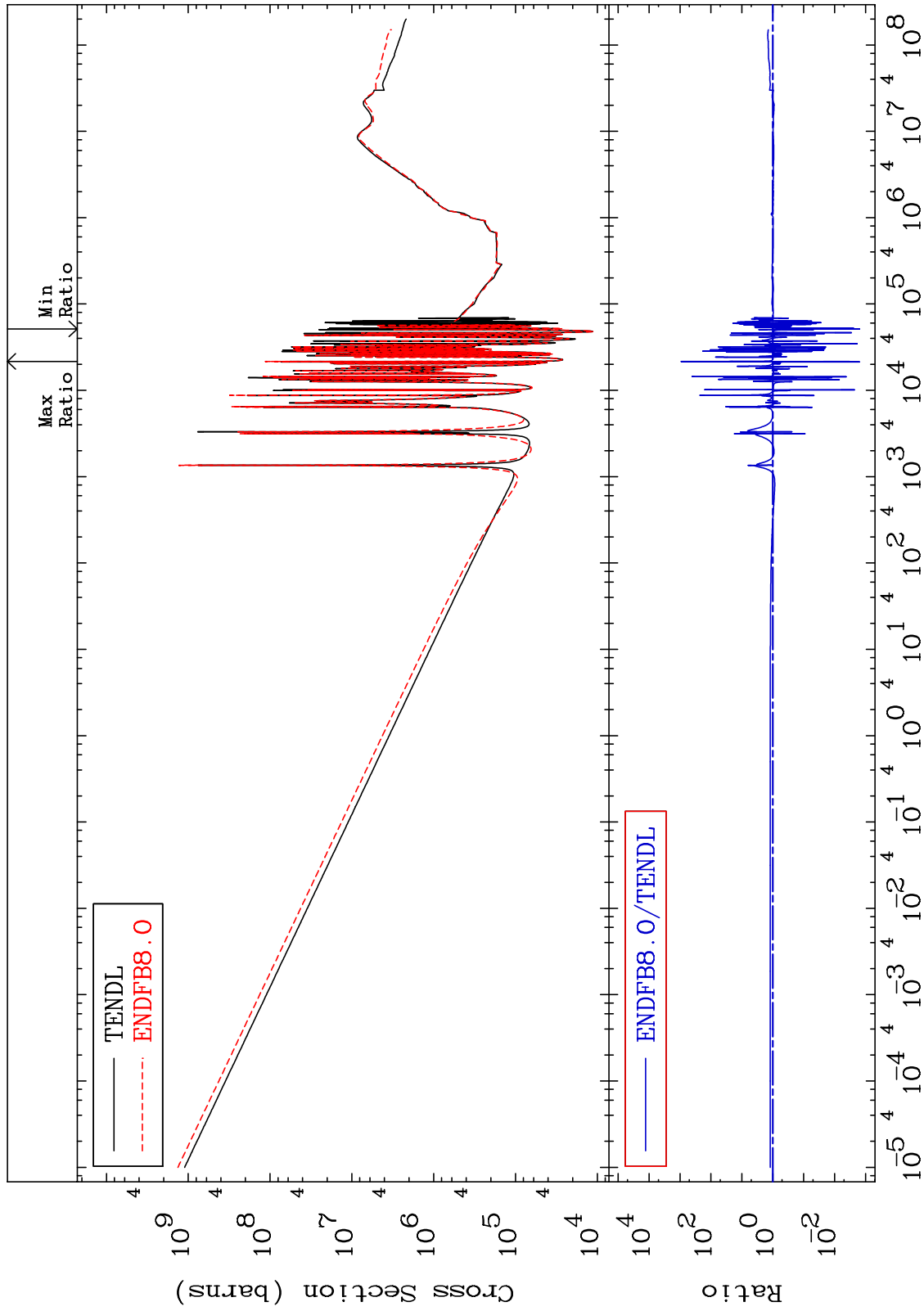
MAT 2834      Kerma capture (mt102)      28-Ni-61  
 Cross Section      -100.0 To 9999. %



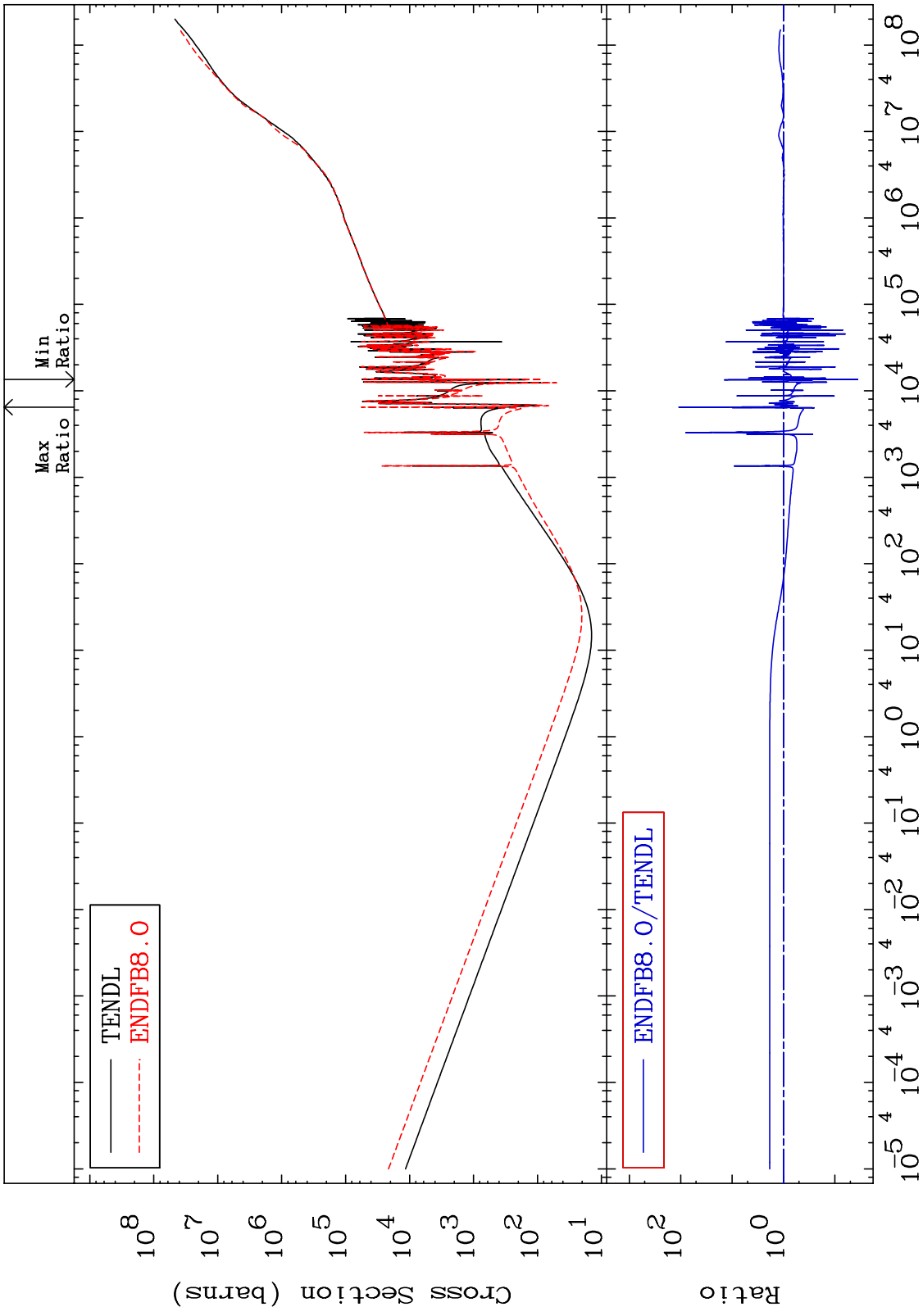
MAT 2834

Total photon (eV-barns)  
Cross Section

28-Ni-61  
-99.85 To 9999. %

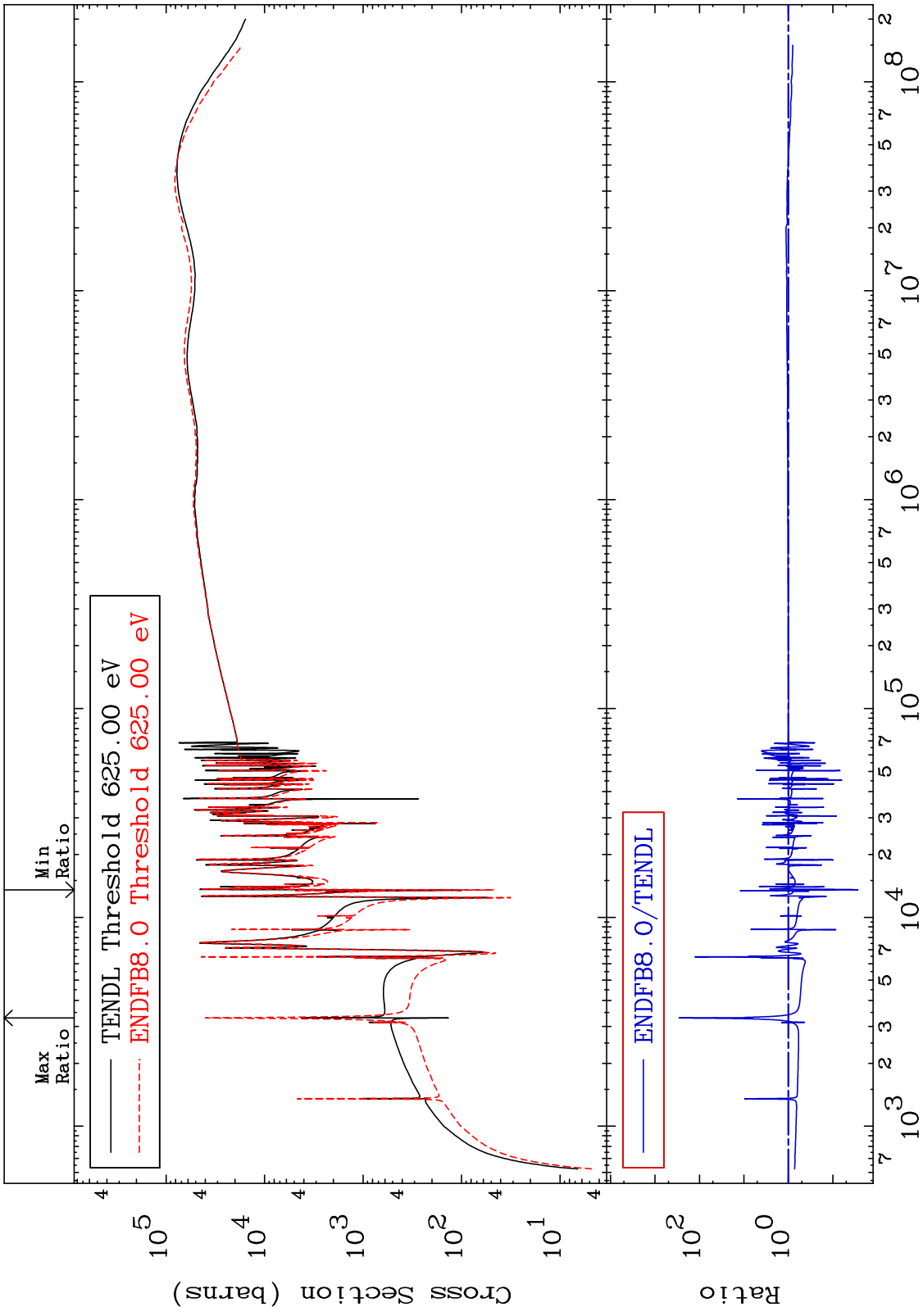


MAT 2834      Total kinematic kerma (high limit)      28-Ni-61  
 Cross Section      -96.44 To 9999. %

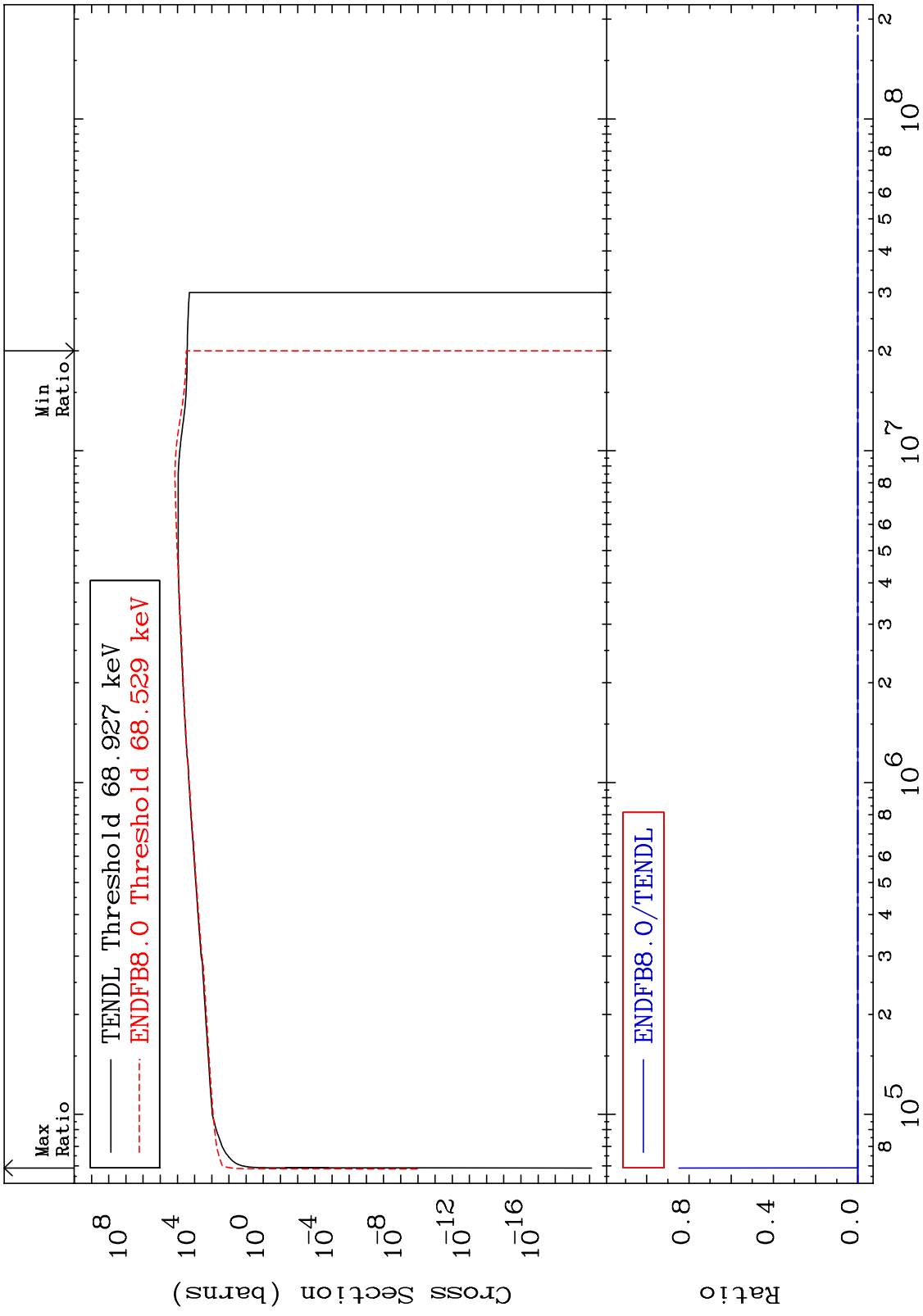




MAT 2834      Dpa elastic (mt2)      28-Ni-61  
 Cross Section      -97.26 To 9999. %



MAT 2834      Dpa inelastic (mt51-91)      28-Ni-61  
 Cross Section      -100.0 To 9999. %



MAT 2834      Dpa disappearance (mt102 -120)      28-Ni-61  
 Cross Section      -100.0 To 9999. %

