

Program Complot  
(Version 2018-1)

by

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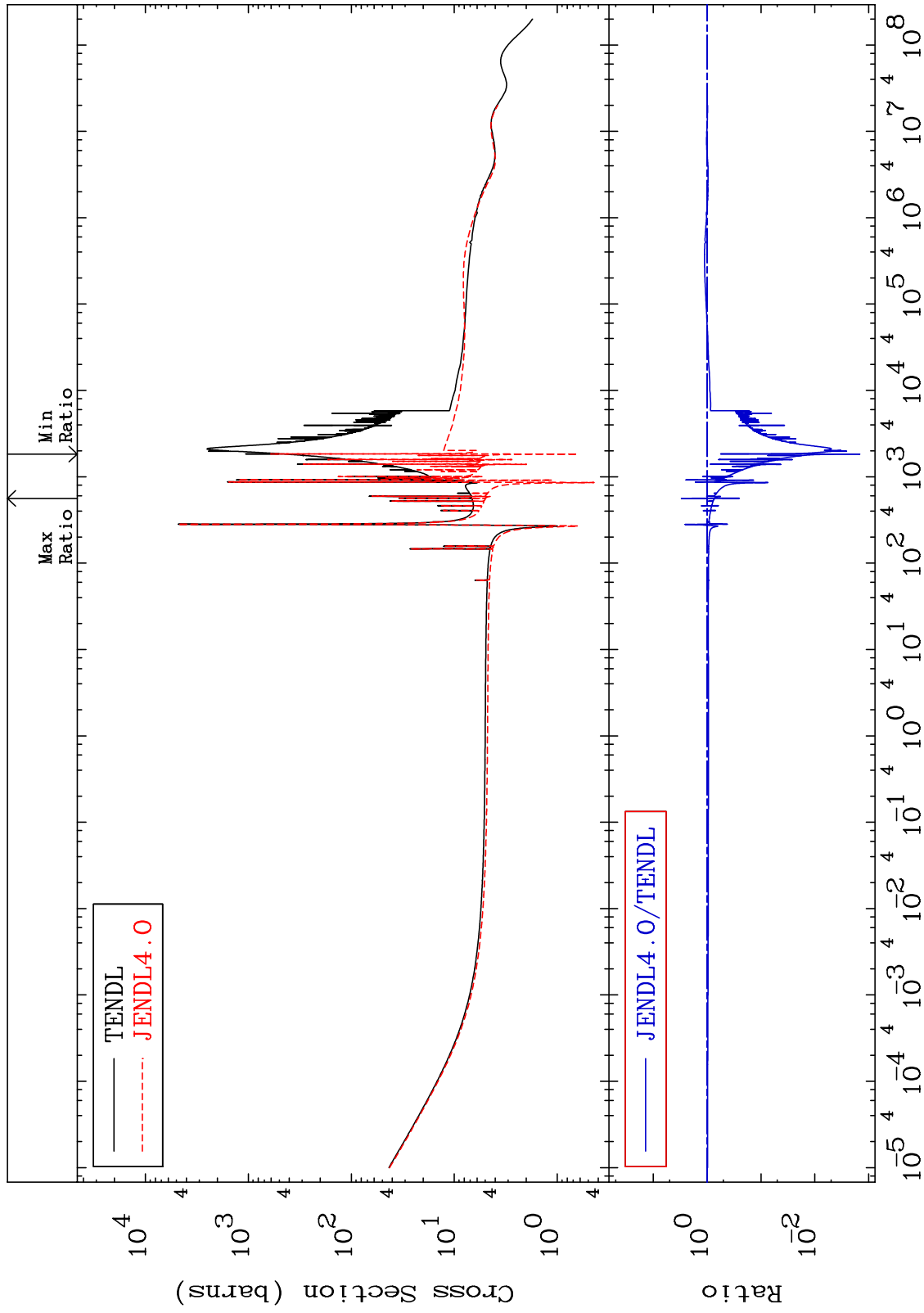
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 4637

Total  
Cross Section

46-Pd-106  
-99.85 To 202.9 %



1

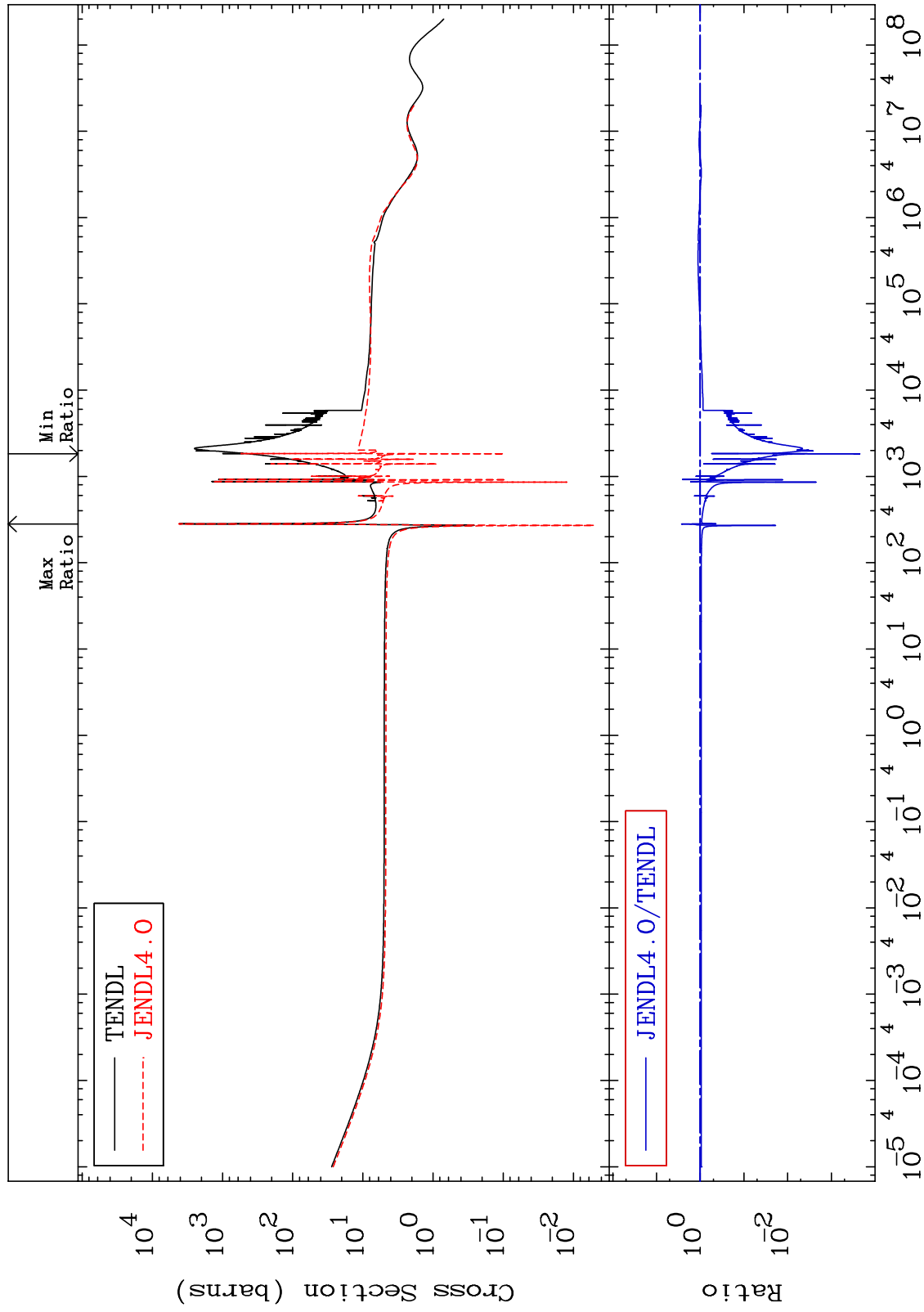
Incident Energy (eV)

46-Pd-106

MAT 4637

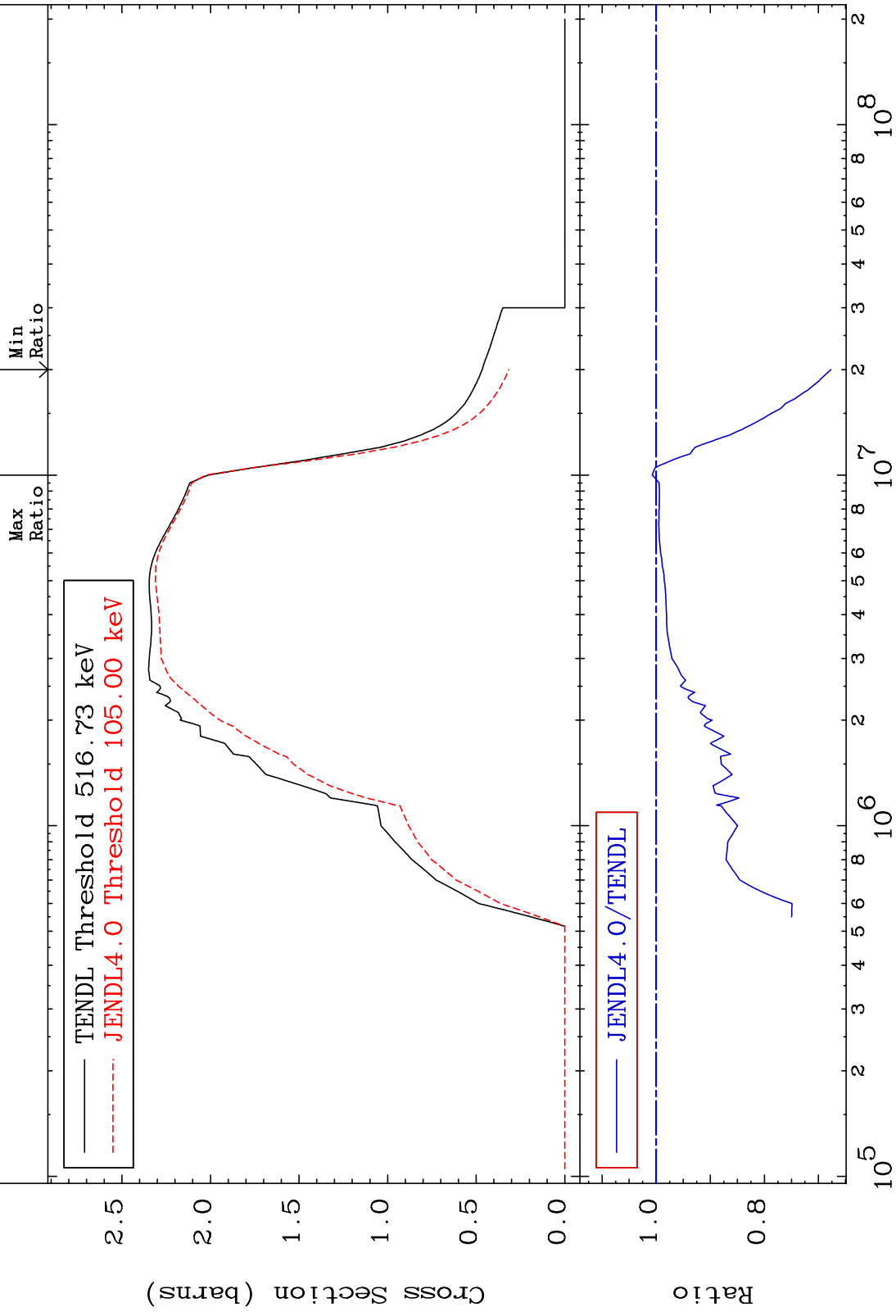
Elastic  
Cross Section

46-Pd-106  
-99.98 To 168.9 %



MAT 4637 46-Pd-106 -32.29 To 0.726 %

Inelastic Cross Section



46-Pd-106

Incident Energy (eV)

3

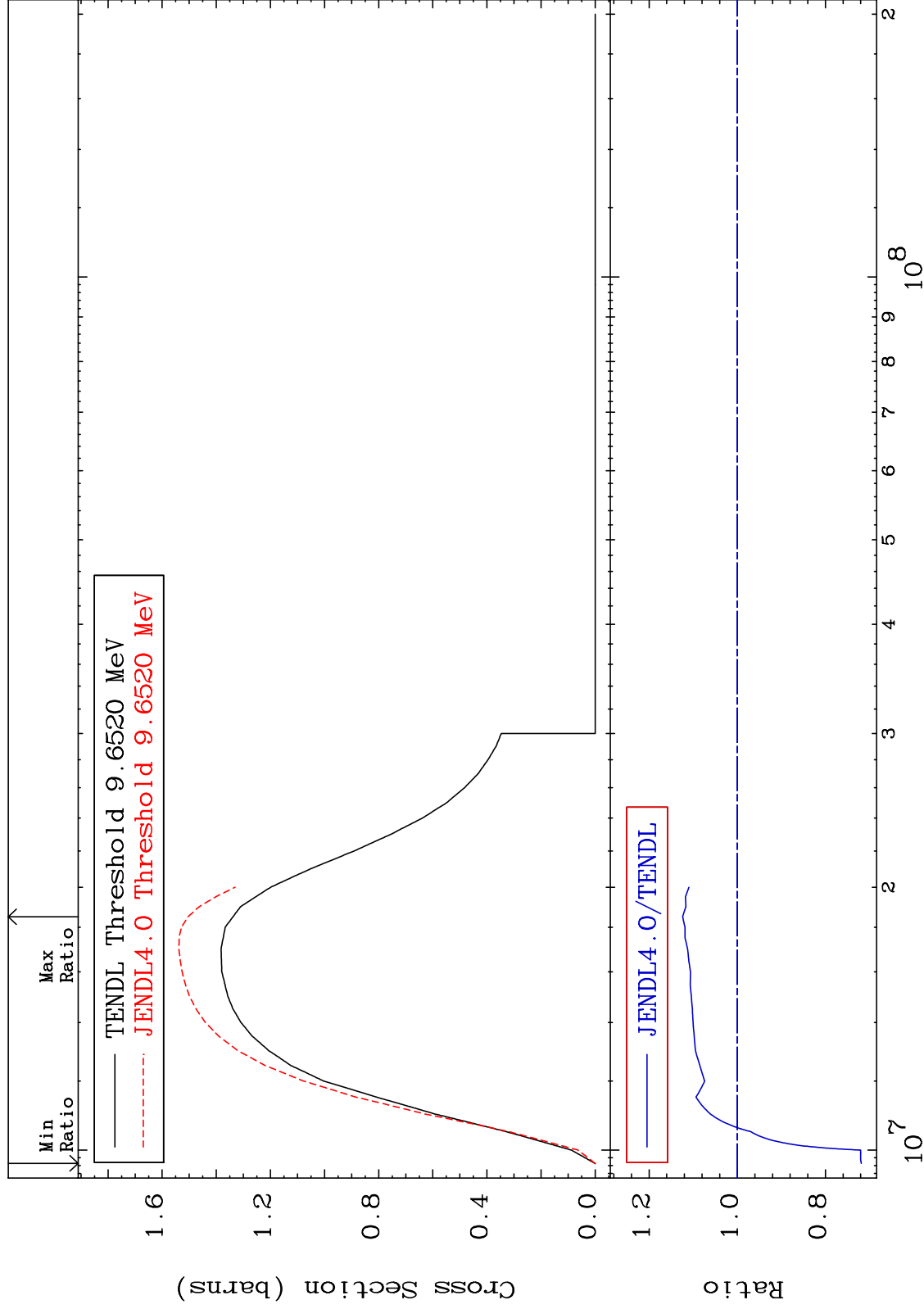
MAT 4637

(n,2n)

46-Pd-106

Cross Section

-28.14 To 12.38 %

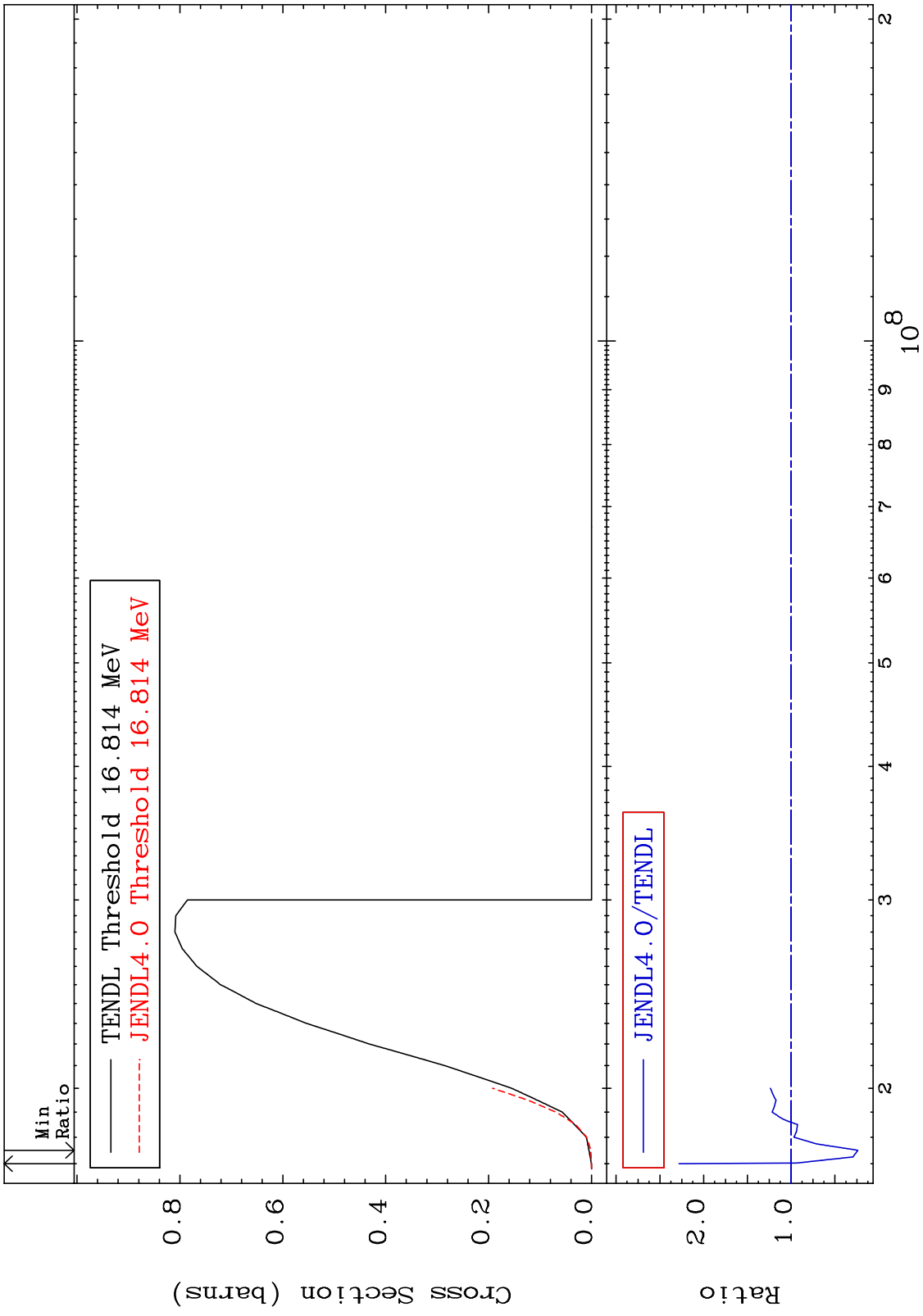


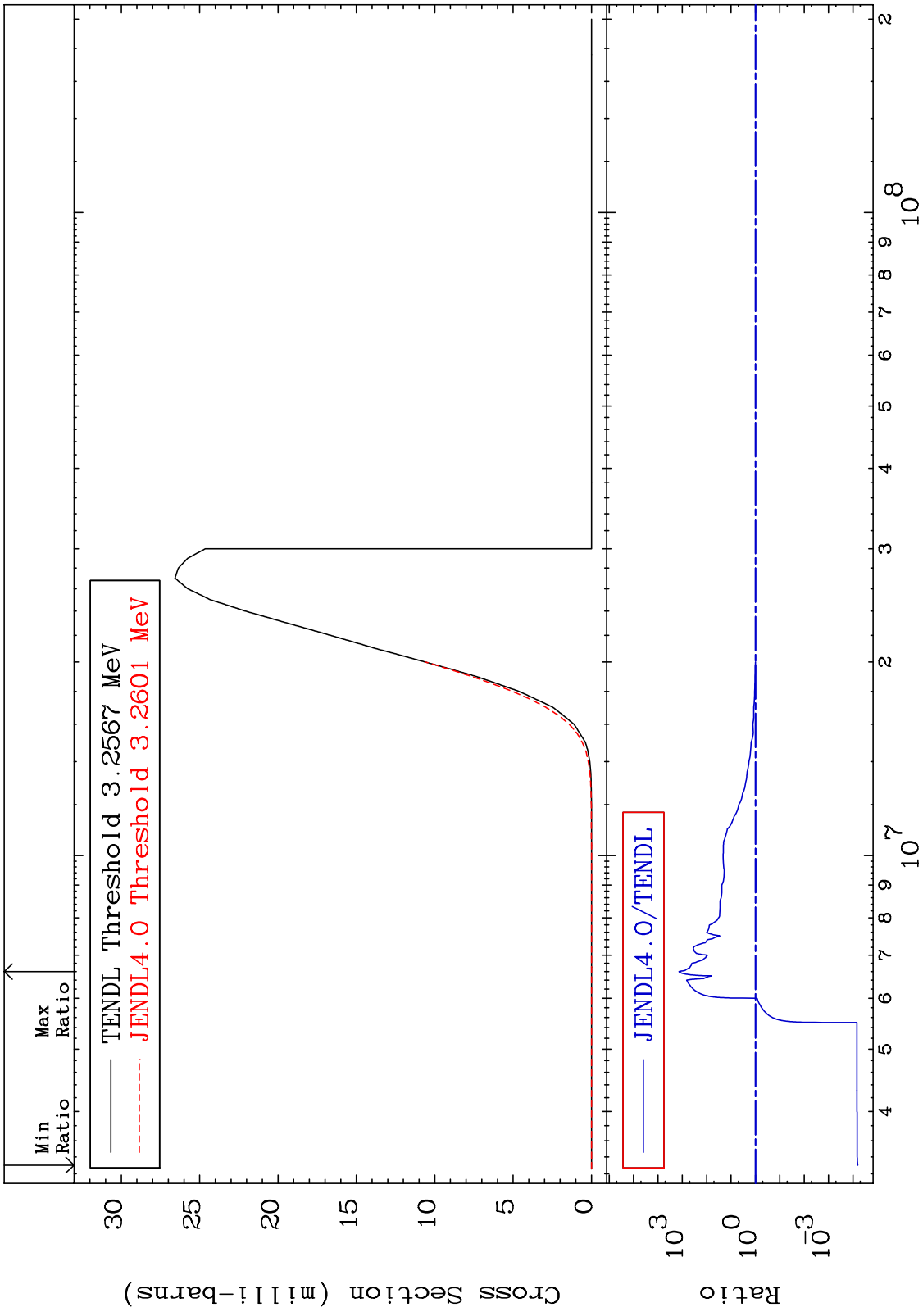
4

Incident Energy (eV)

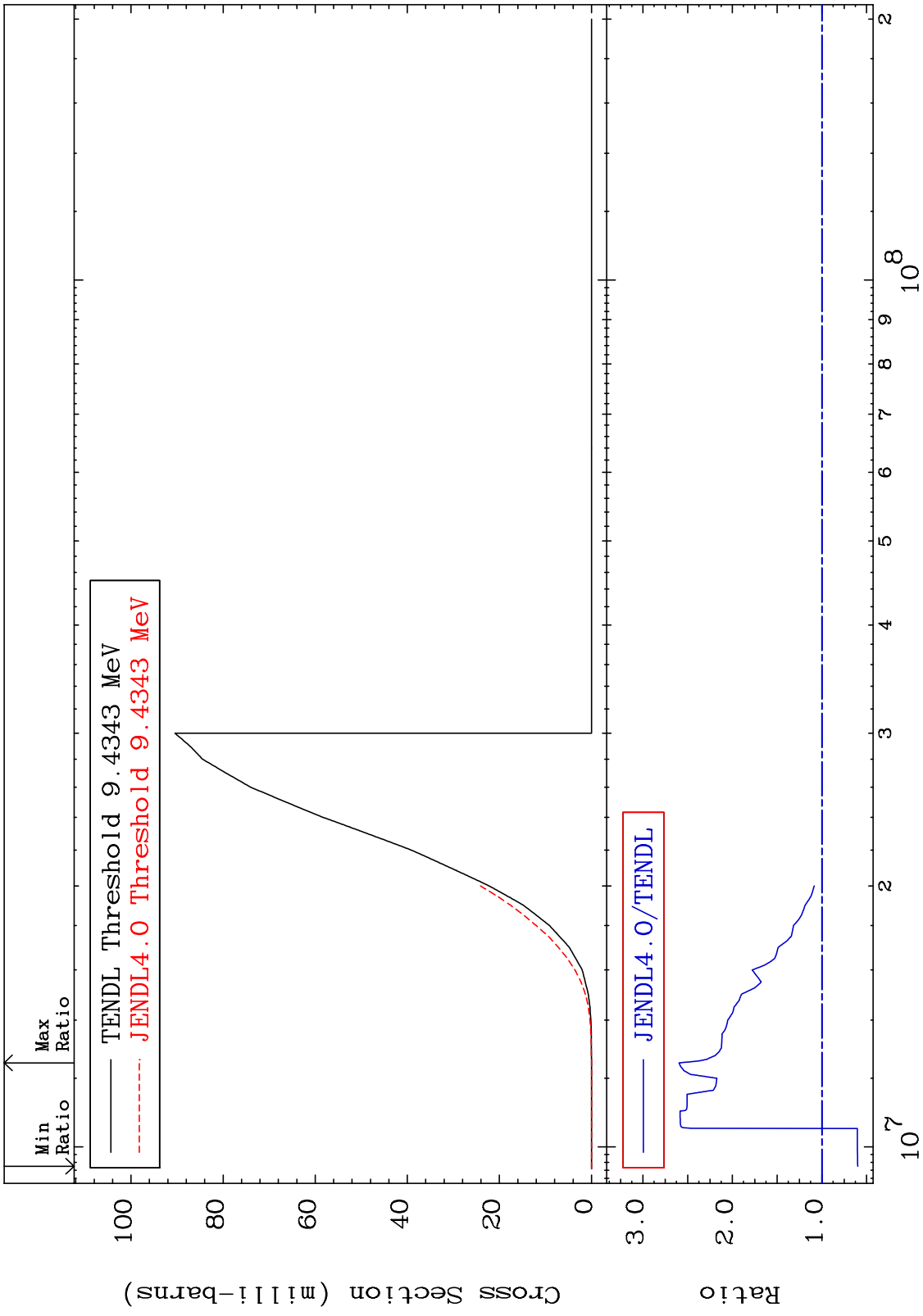
46-Pd-106

MAT 4637 (n,3n) Cross Section 46-Pd-106 -76.16 To 128.1 %





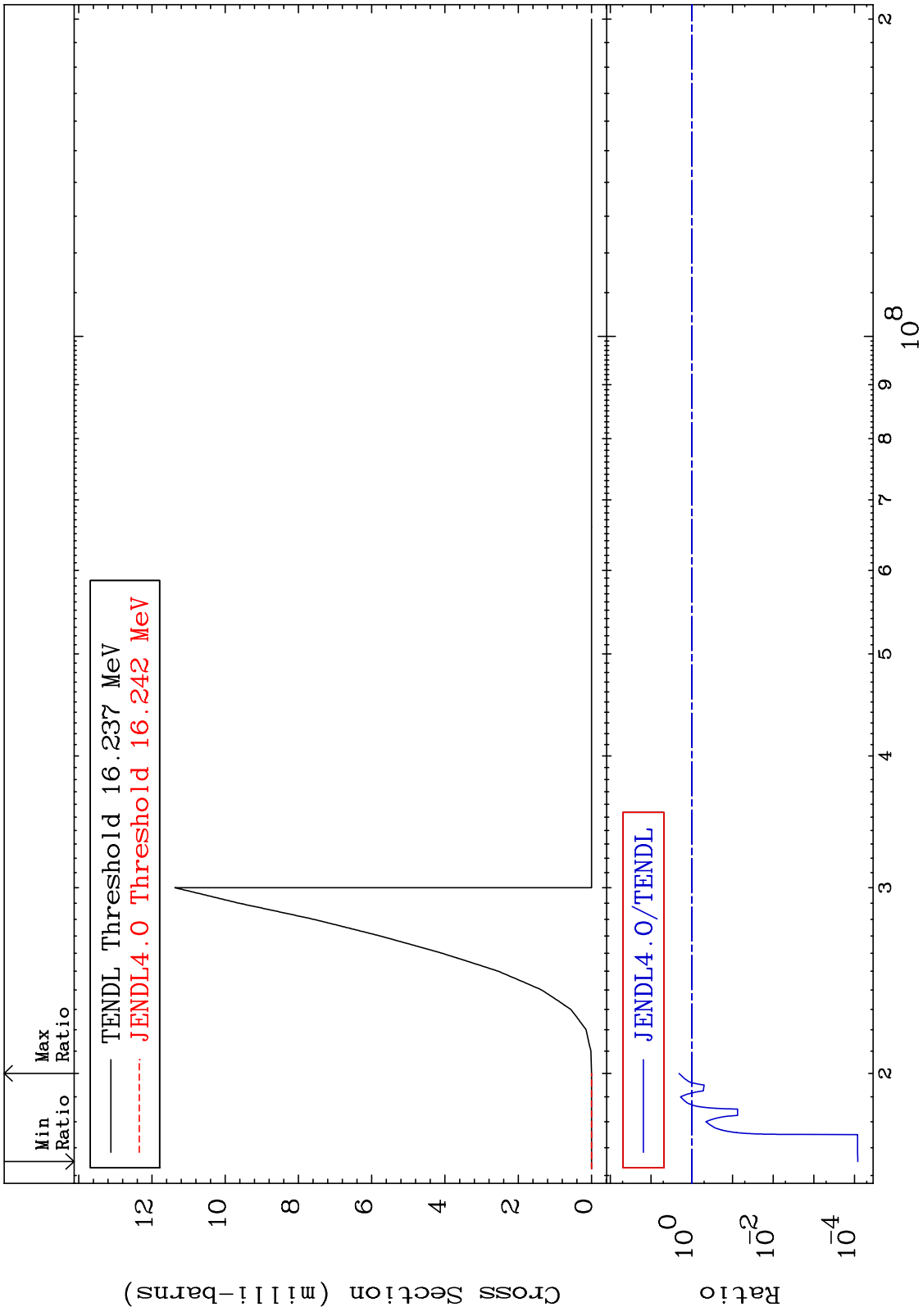
MAT 4637 (n,n') p 46-Pd-106  
Cross Section -40.22 To 159.6 %



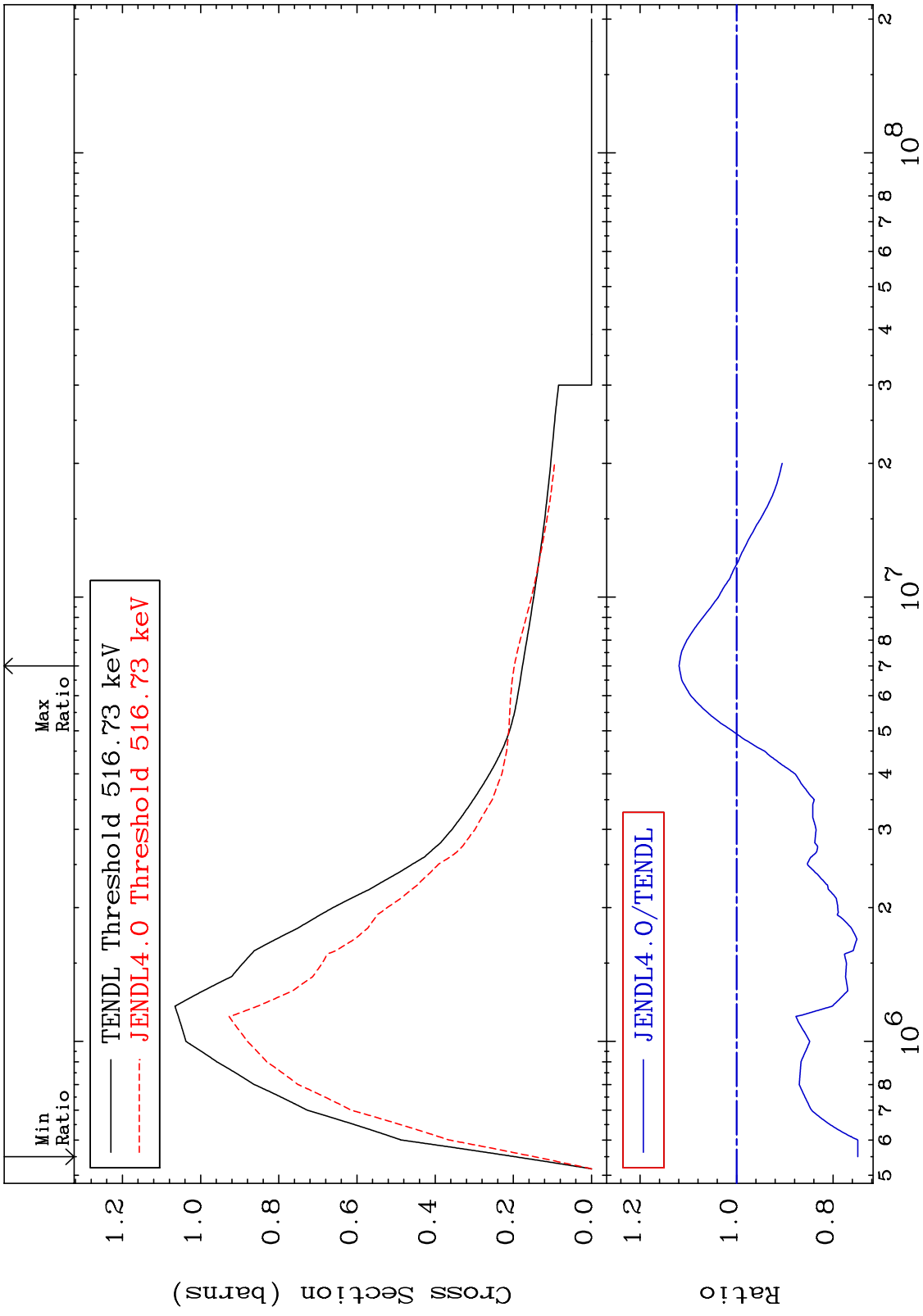
Incident Energy (eV) 46-Pd-106



MAT 4637 (n, n') d 46-Pd-106  
 Cross Section -99.99 To 105.5 %

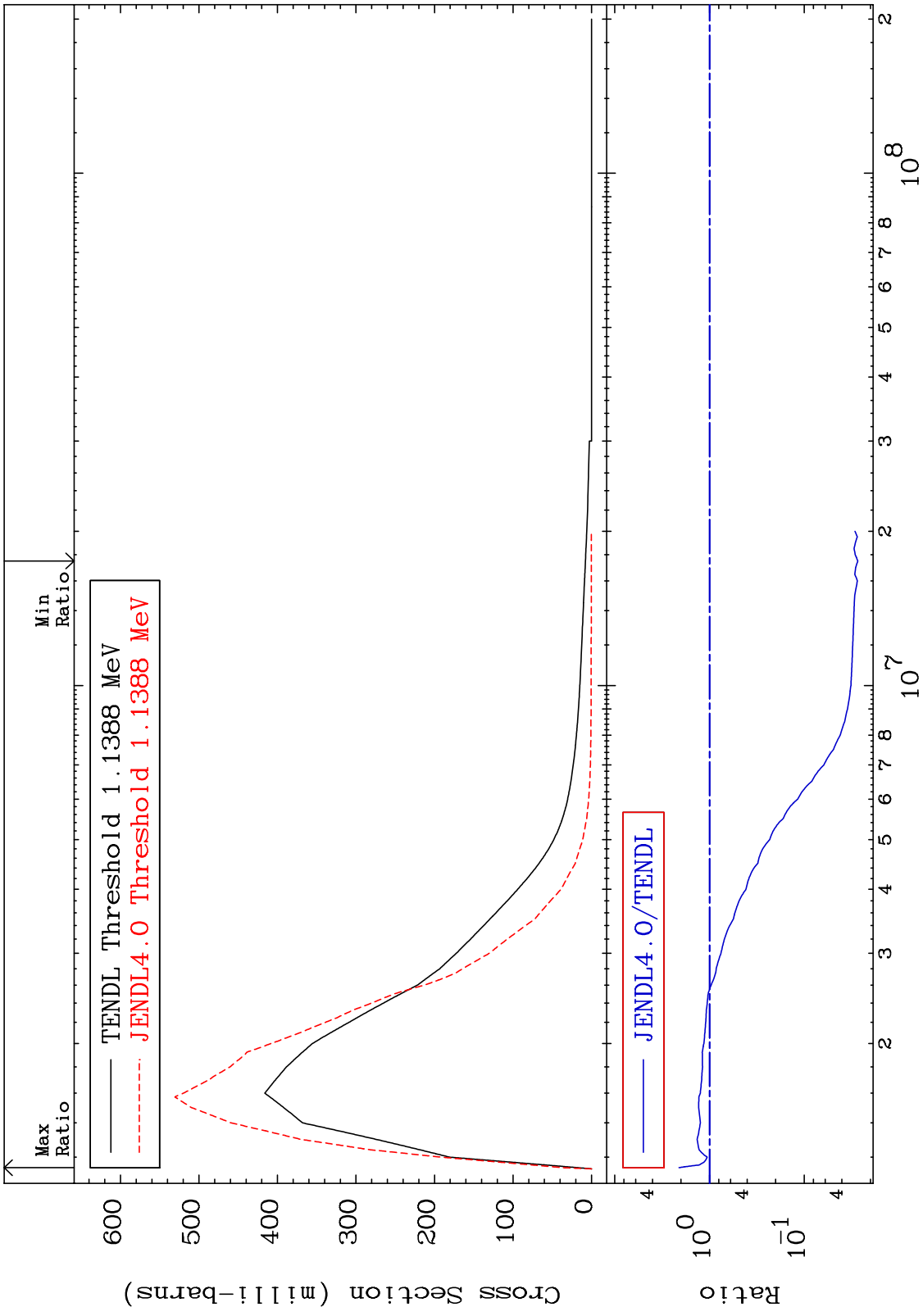


MAT 4637      MT= 51 (n,n') Level Cross Section      46-Pd-106  
 -25.13 To 11.93 %



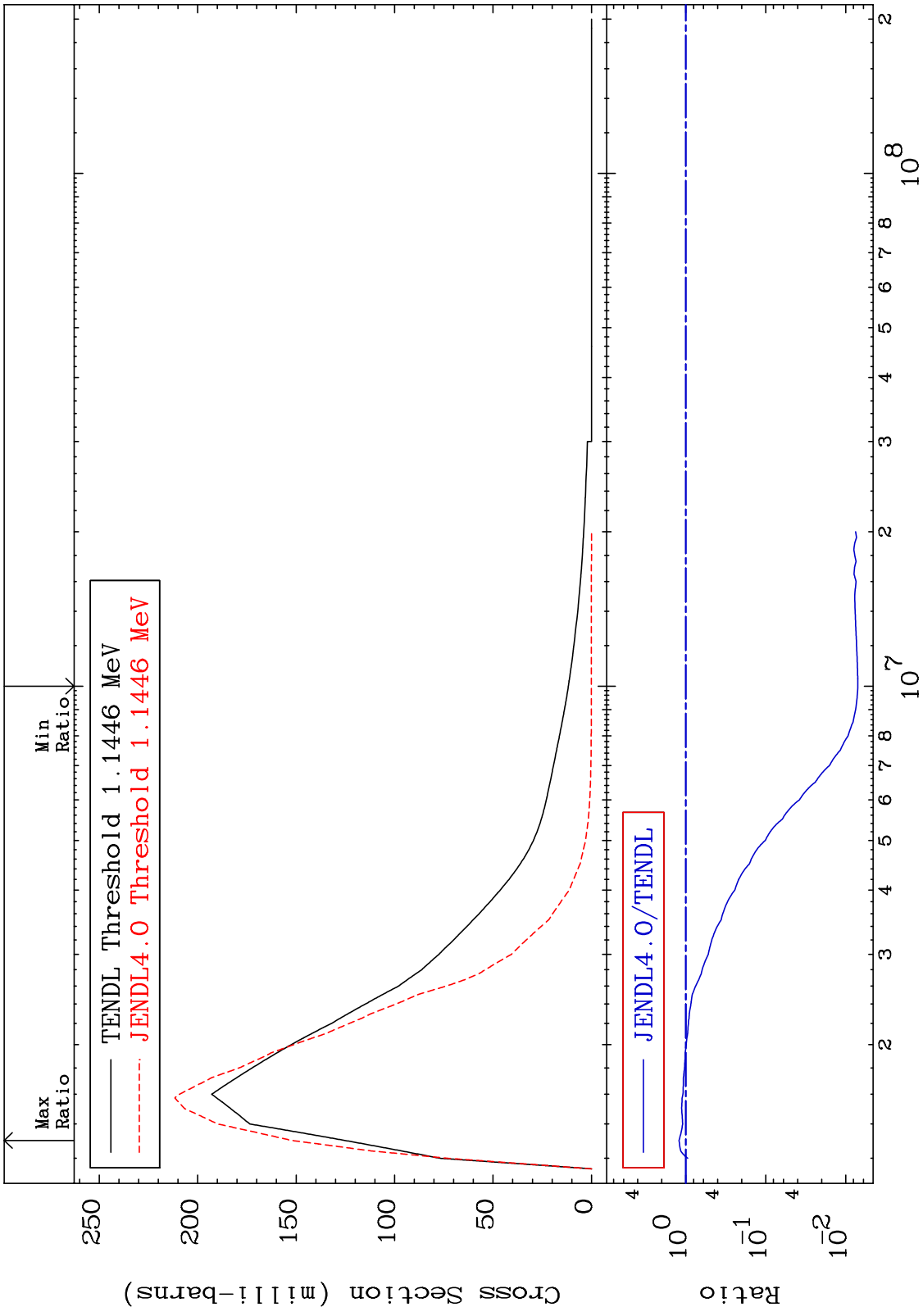
9      Incident Energy (eV)      46-Pd-106

MAT 4637 MT= 52 (n,n') Level Cross Section -97.28 To 109.5 % 46-Pd-106

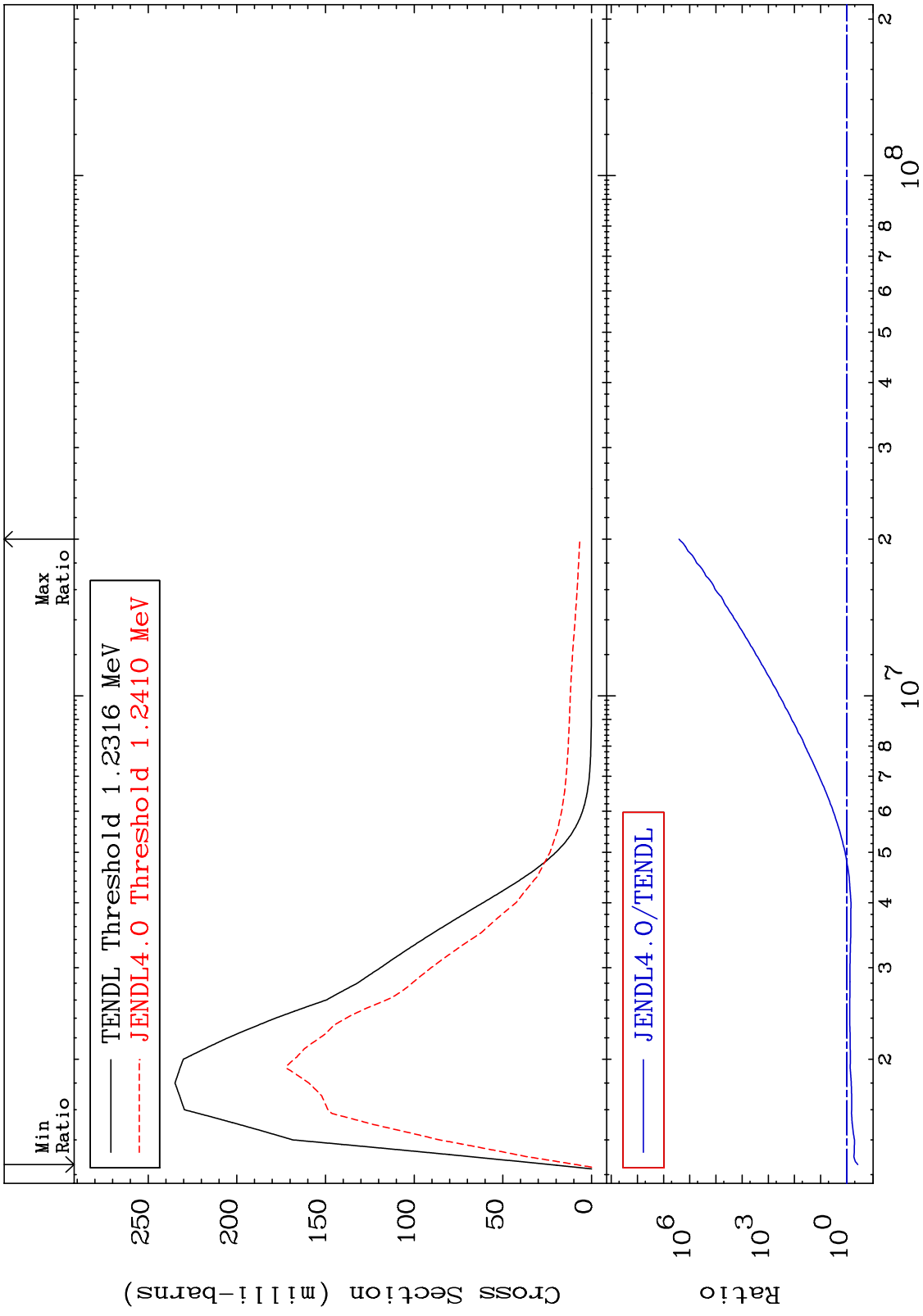


10 46-Pd-106

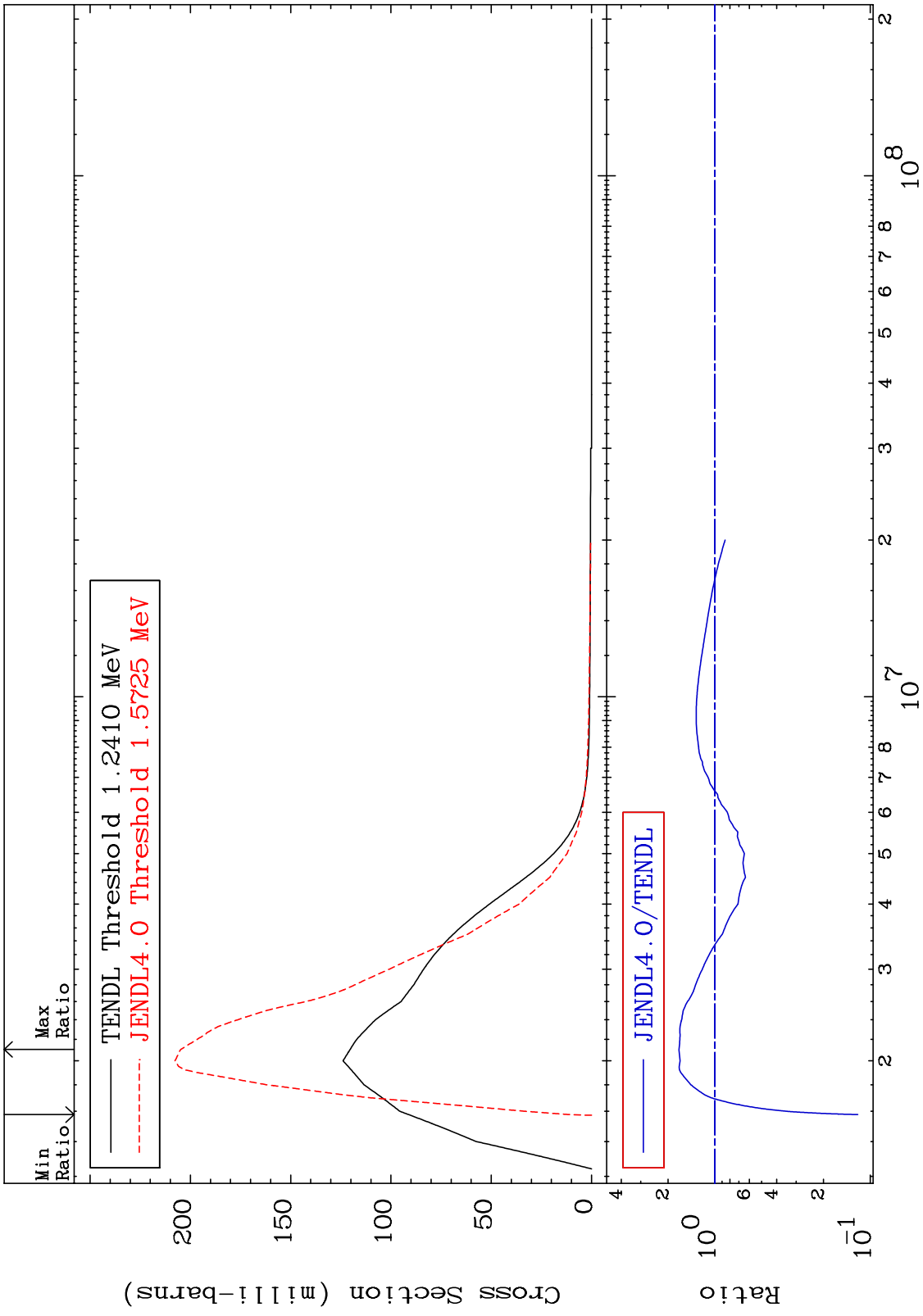
MAT 4637 MT= 53 (n,n') Level Cross Section 46-Pd-106  
 -99.29 To 21.56 %



MAT 4637 MT= 54 (n,n') Level Cross Section 46-Pd-106 -62.05 To 9999. %



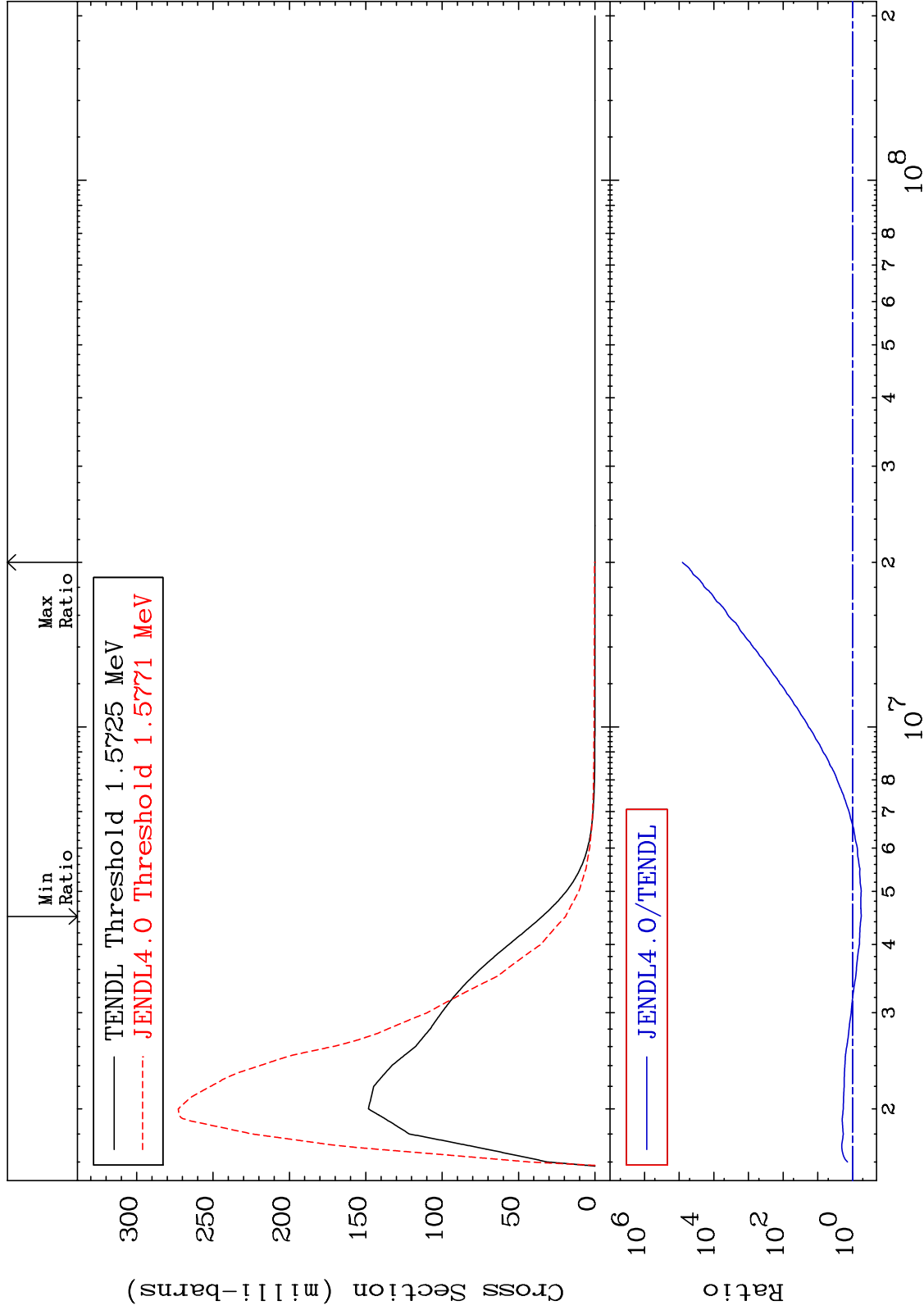
MAT 4637      MT= 55 (n,n') Level      46-Pd-106  
 Cross Section      -87.98 To 70.11 %



MAT 4637

MT= 56 (n,n') Level  
Cross Section

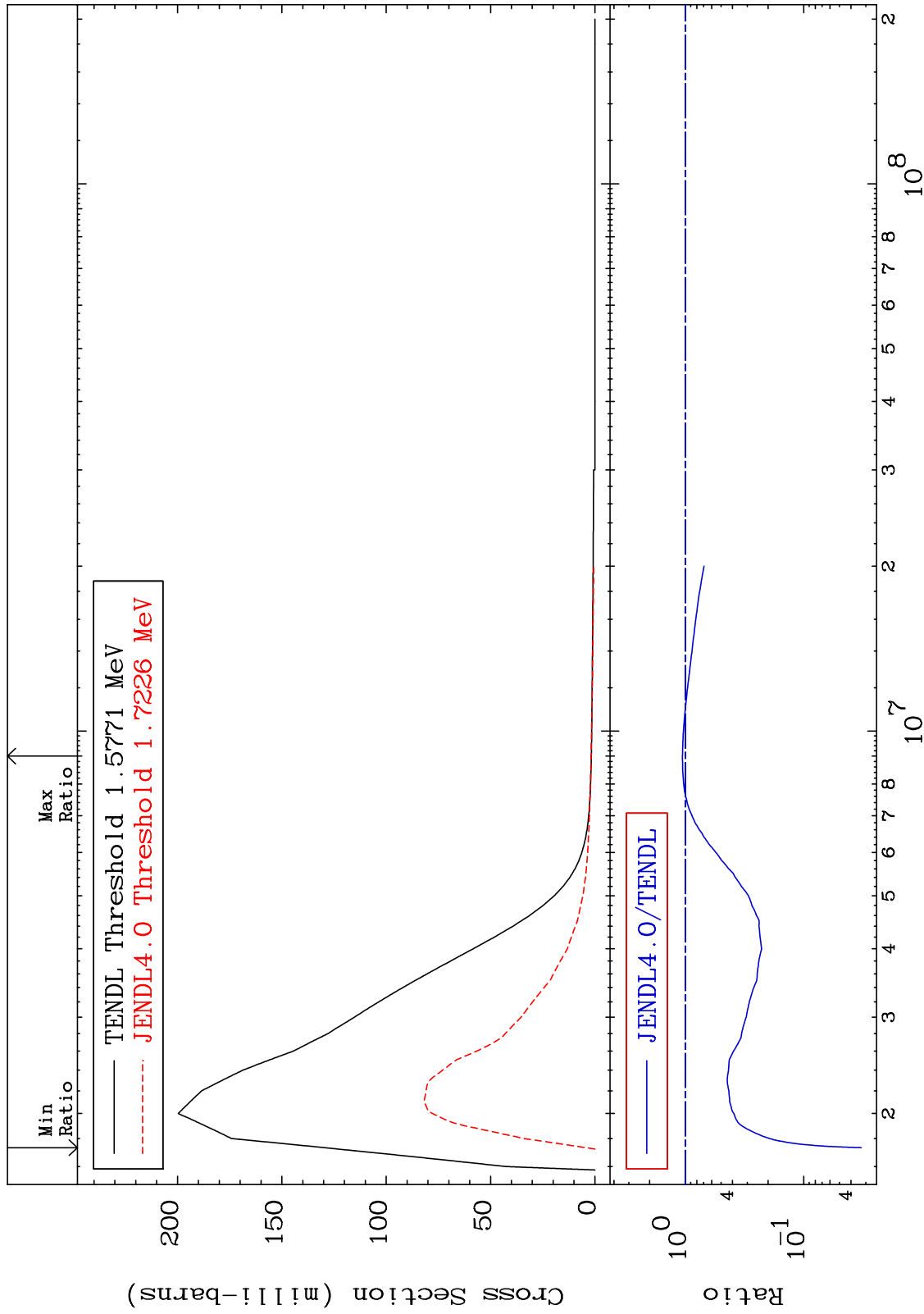
46-Pd-106  
-44.42 To 9999. %



MAT 4637

MT= 57 (n,n') Level  
Cross Section

46-Pd-106  
-96.73 To 5.768 %

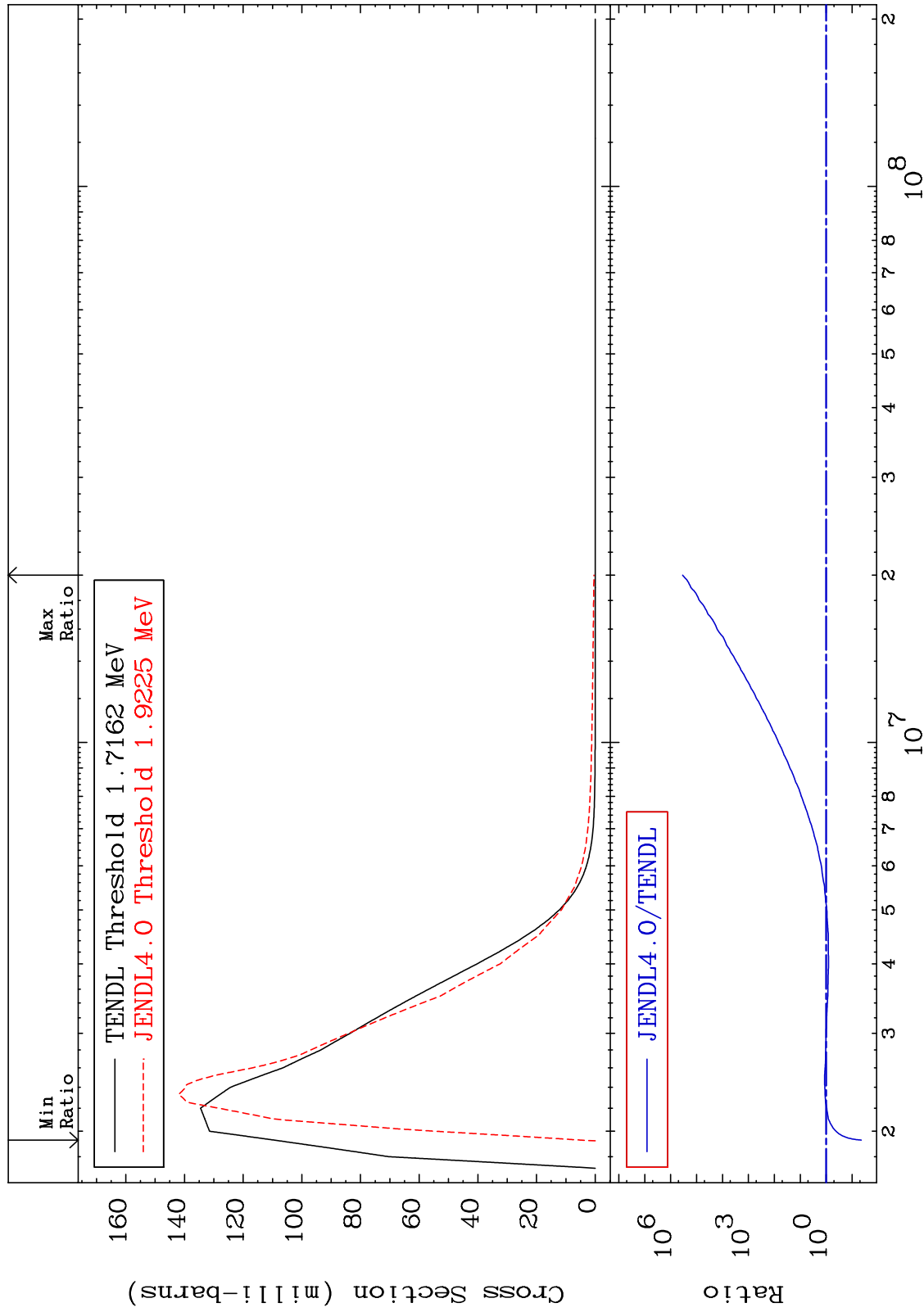




MAT 4637

MT= 58 (n,n') Level  
Cross Section

46-Pd-106  
-95.61 To 9999. %

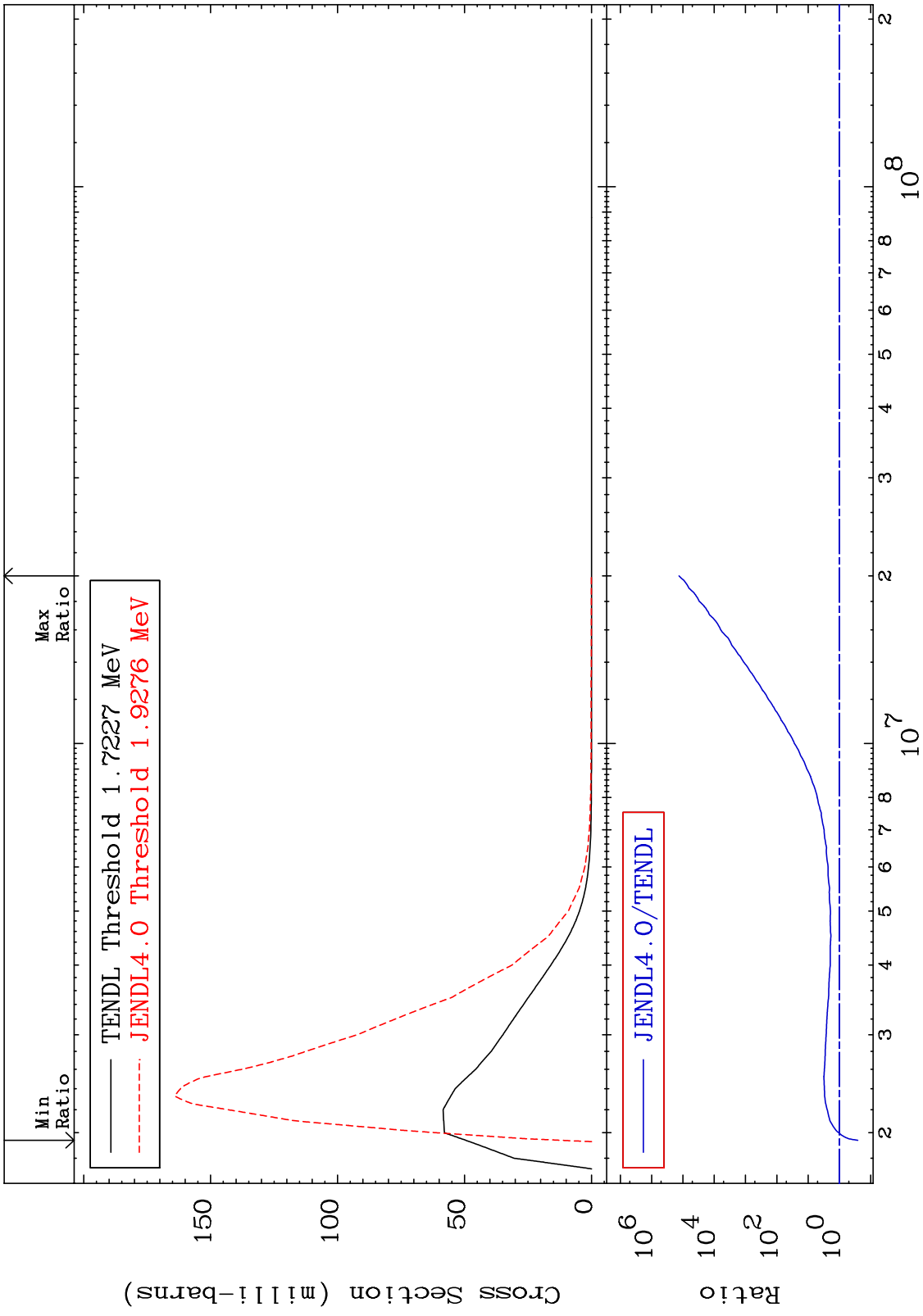


16

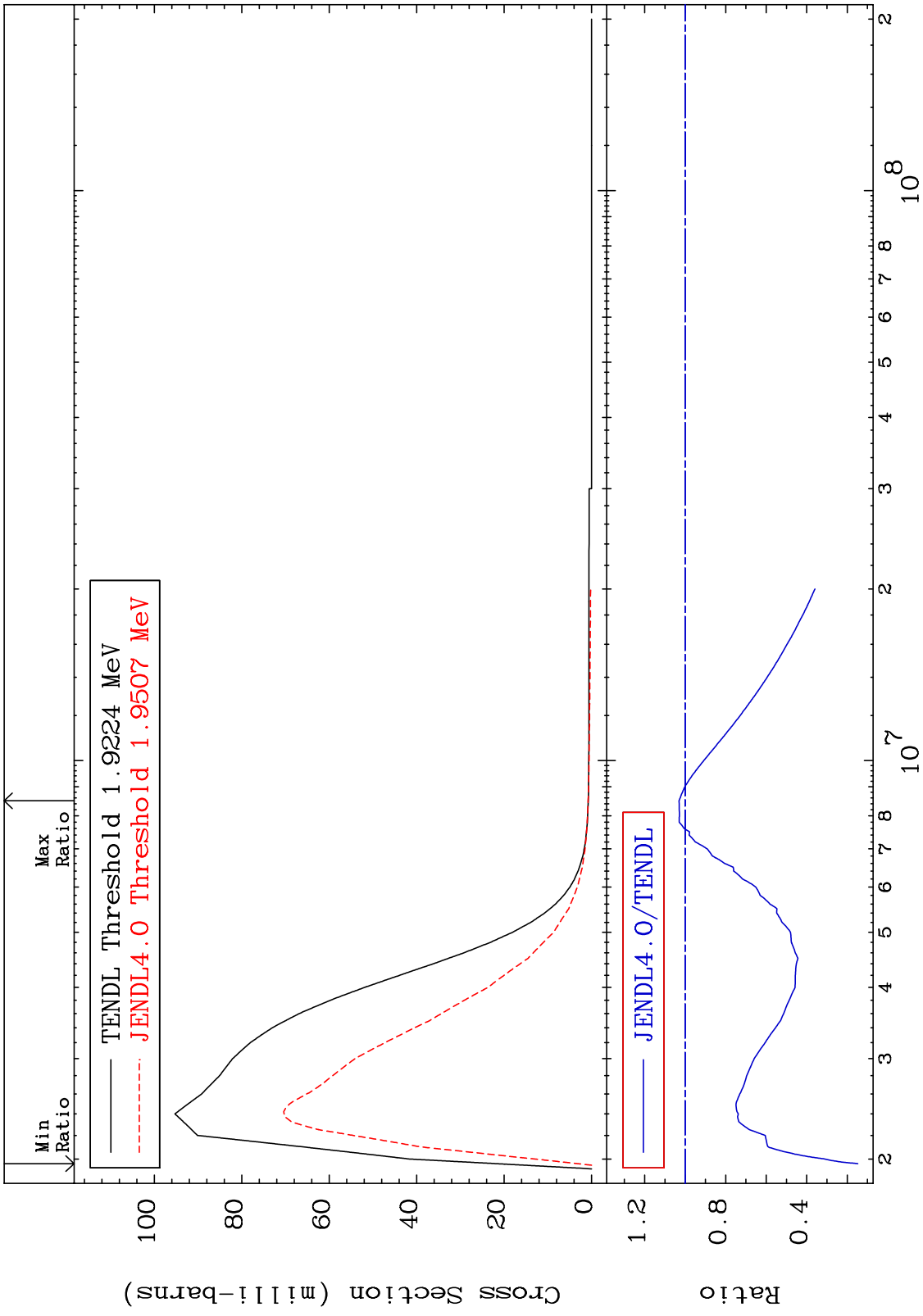
Incident Energy (eV)

46-Pd-106

MAT 4637      MT= 59 (n,n') Level Cross Section      46-Pd-106  
 -74.22 To 9999. %



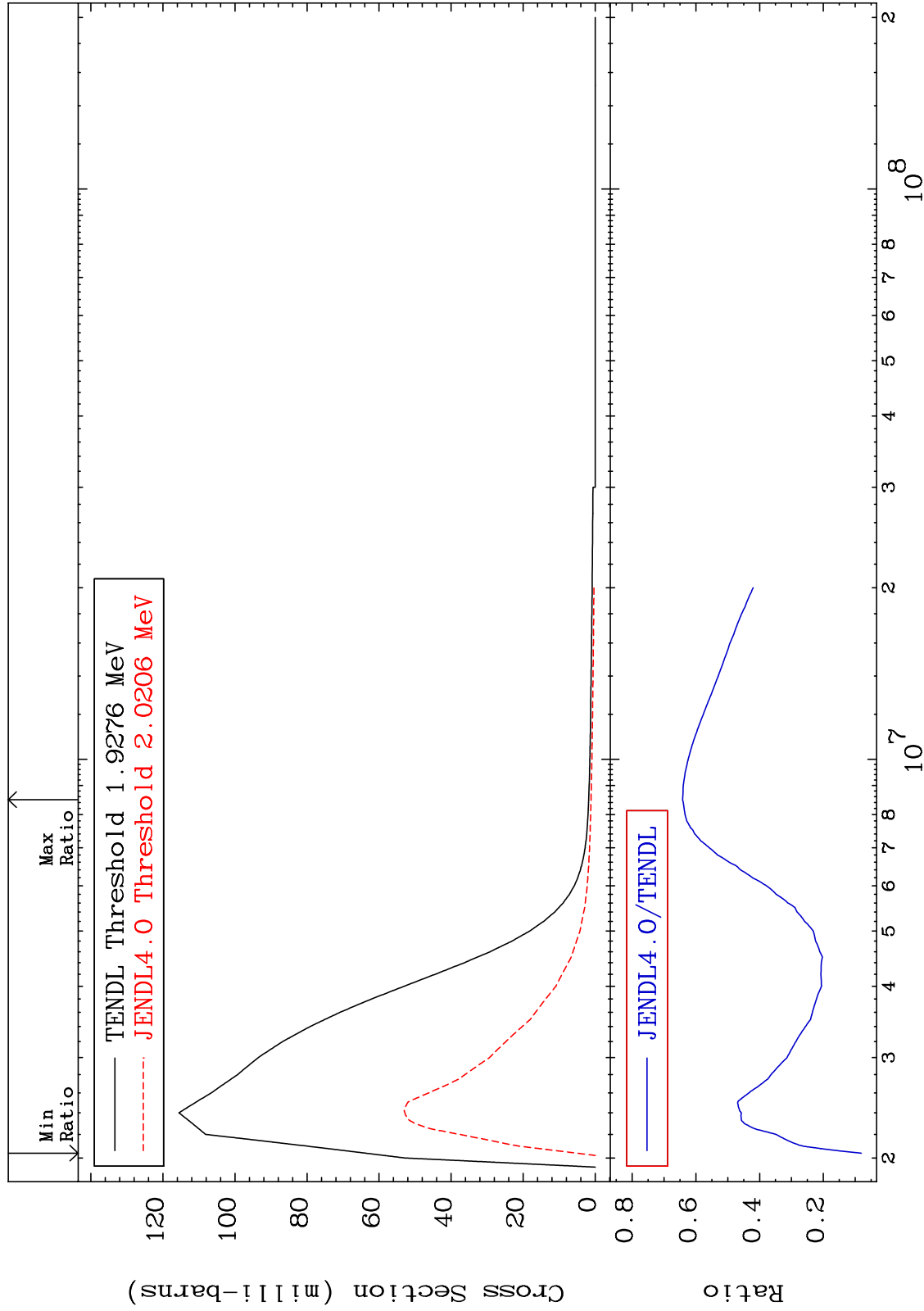
MAT 4637 MT= 60 (n,n') Level Cross Section 46-Pd-106 -85.24 To 3.014 %



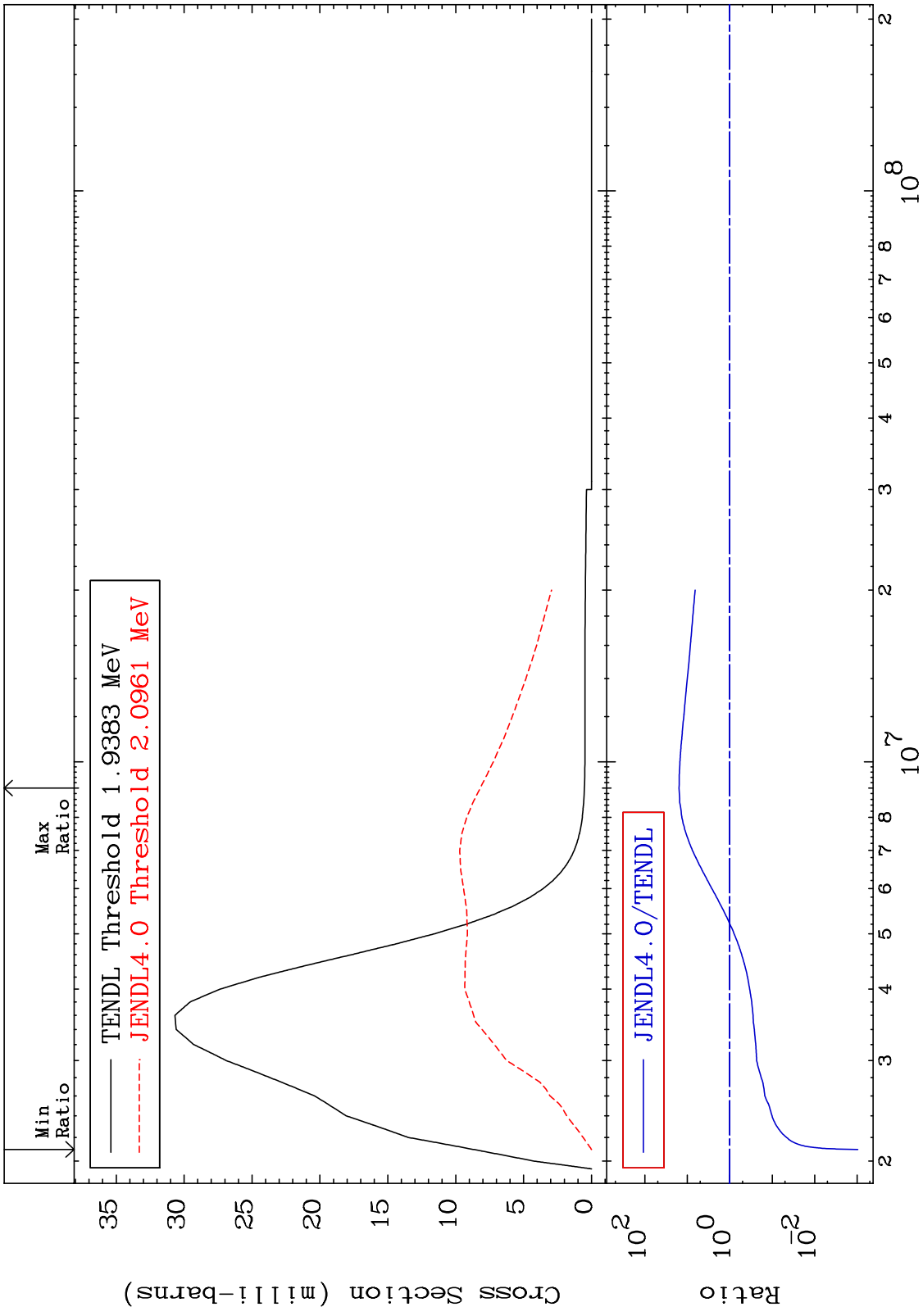
MAT 4637

MT= 61 (n,n') Level  
Cross Section

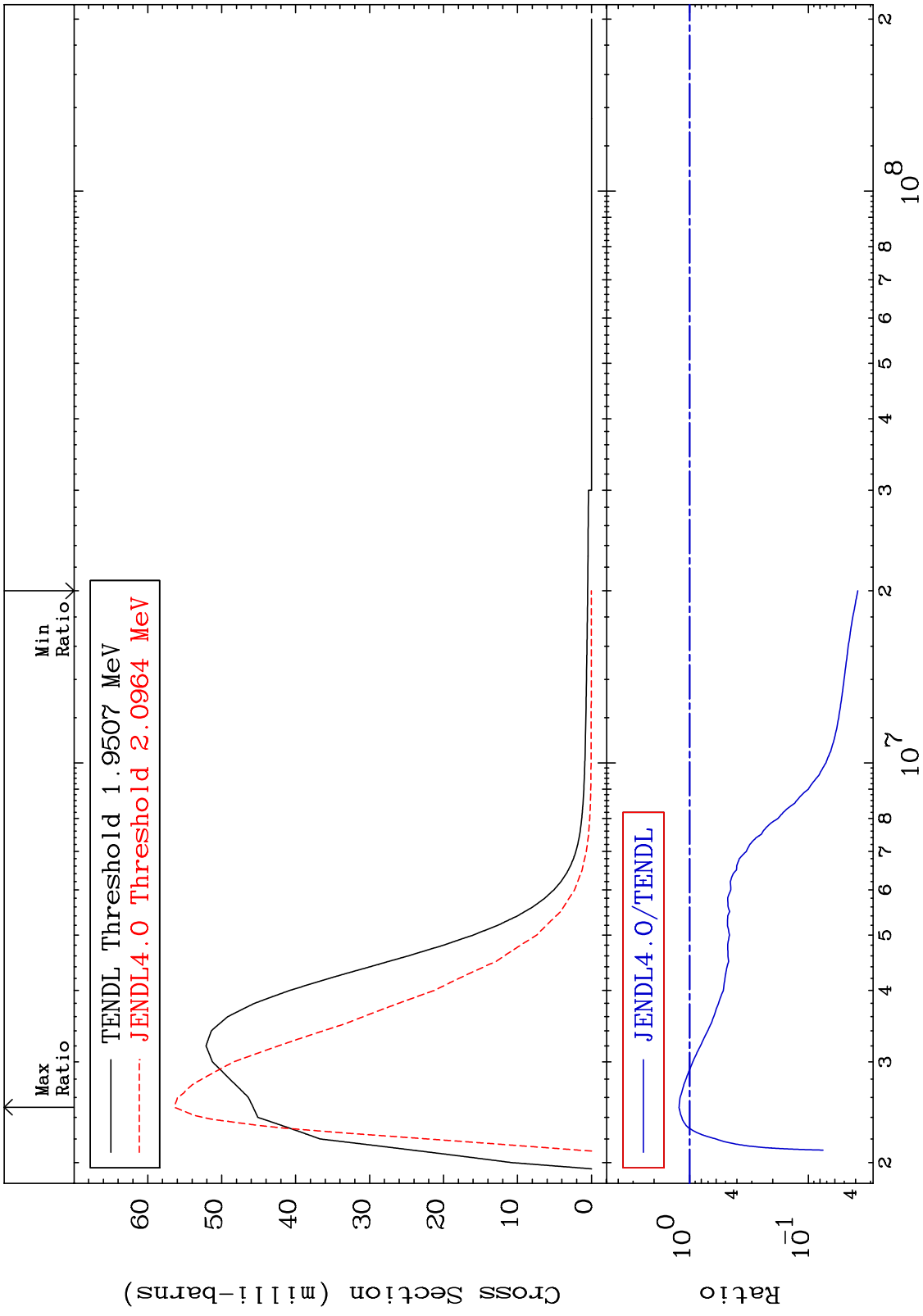
46-Pd-106  
-91.93 To -35.86%



MAT 4637 MT= 62 (n,n') Level Cross Section 46-Pd-106  
 -99.90 To 1470. %

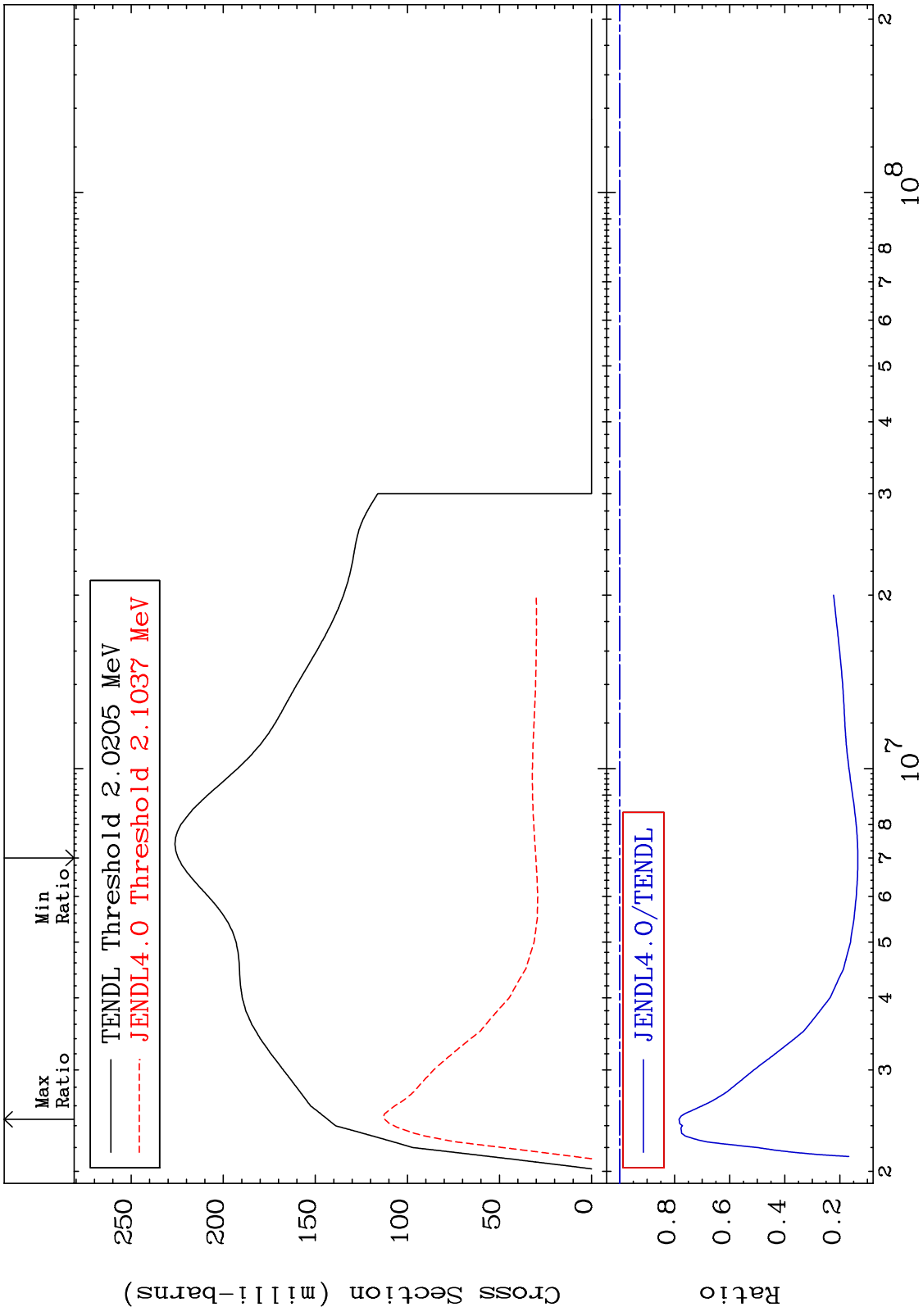


MAT 4637 MT= 63 (n,n') Level Cross Section 46-Pd-106 -96.16 To 23.09 %

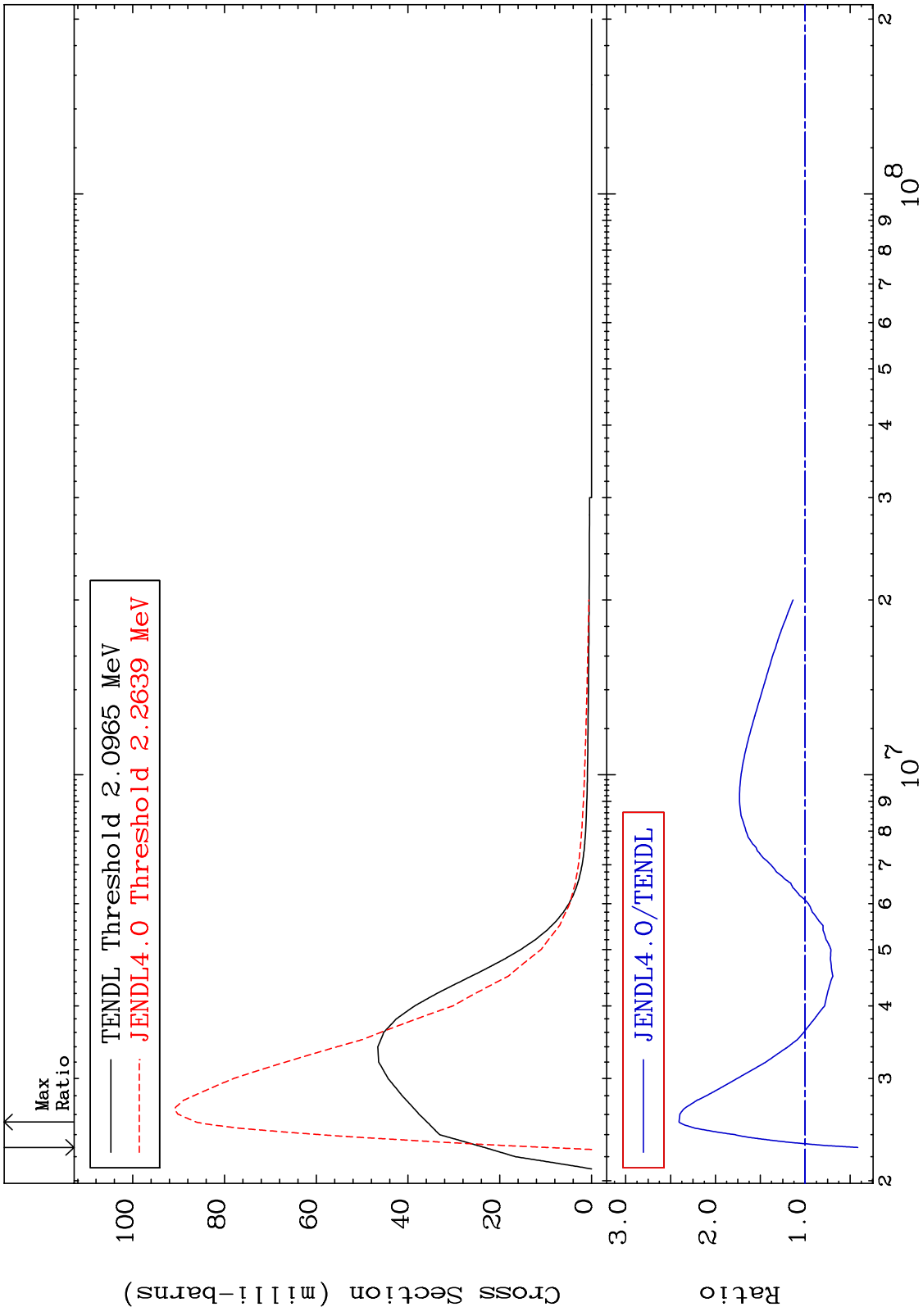


21 46-Pd-106 Incident Energy (eV)

MAT 4637 MT= 64 (n,n') Level Cross Section 46-Pd-106 -86.54 To -21.61%

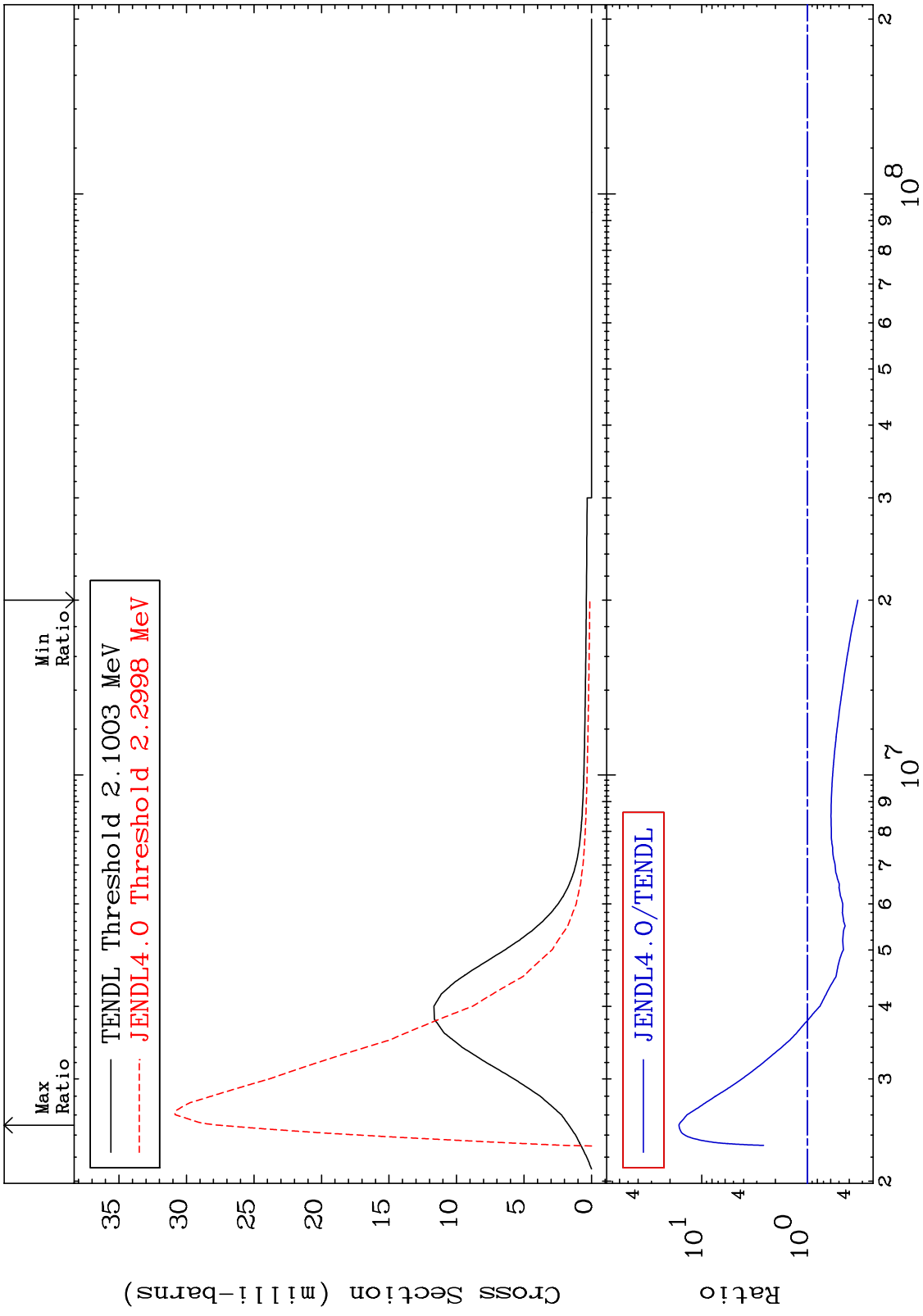


MAT 4637 MT= 65 (n,n') Level Cross Section 46-Pd-106  
 -58.66 To 140.6 %

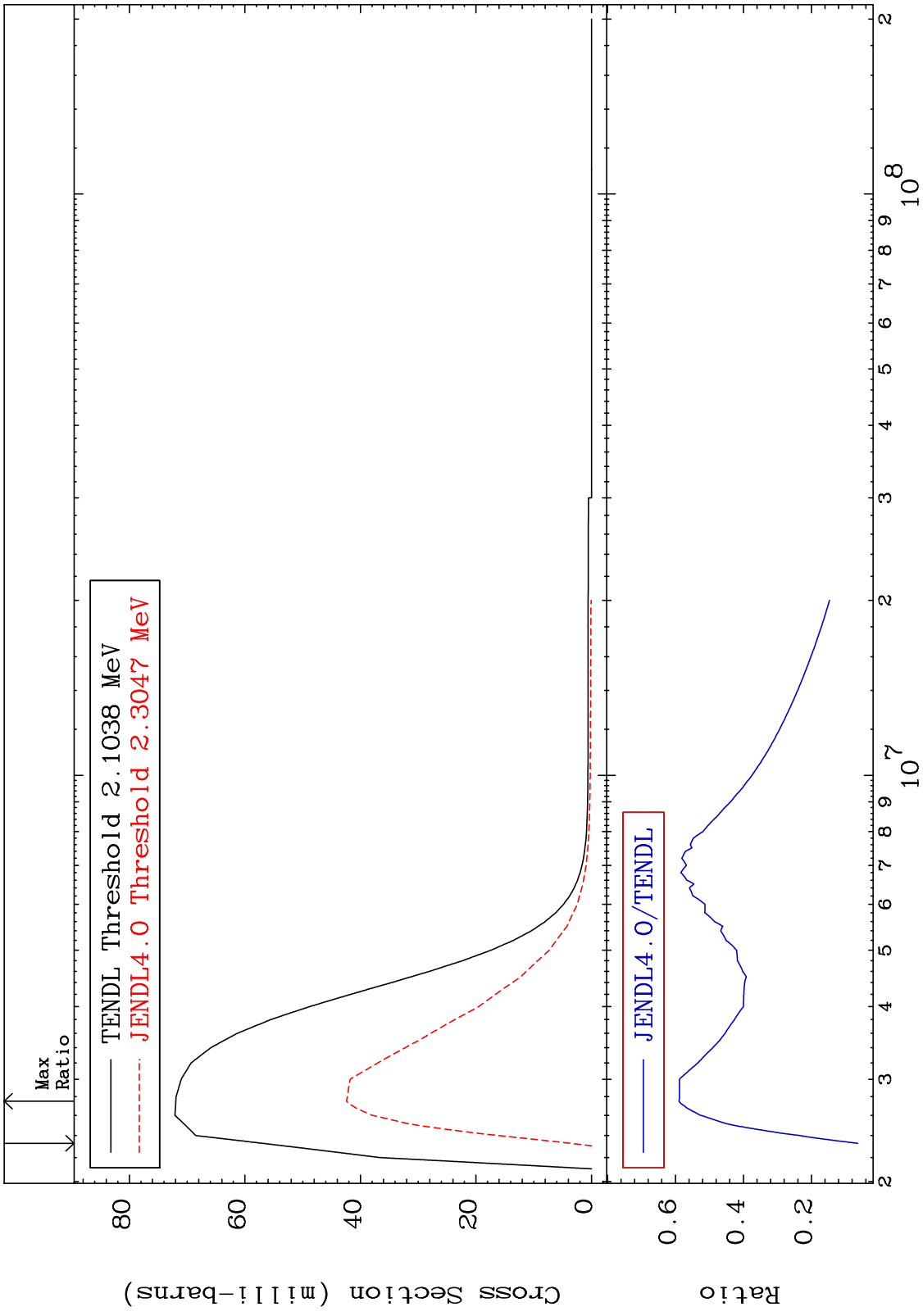




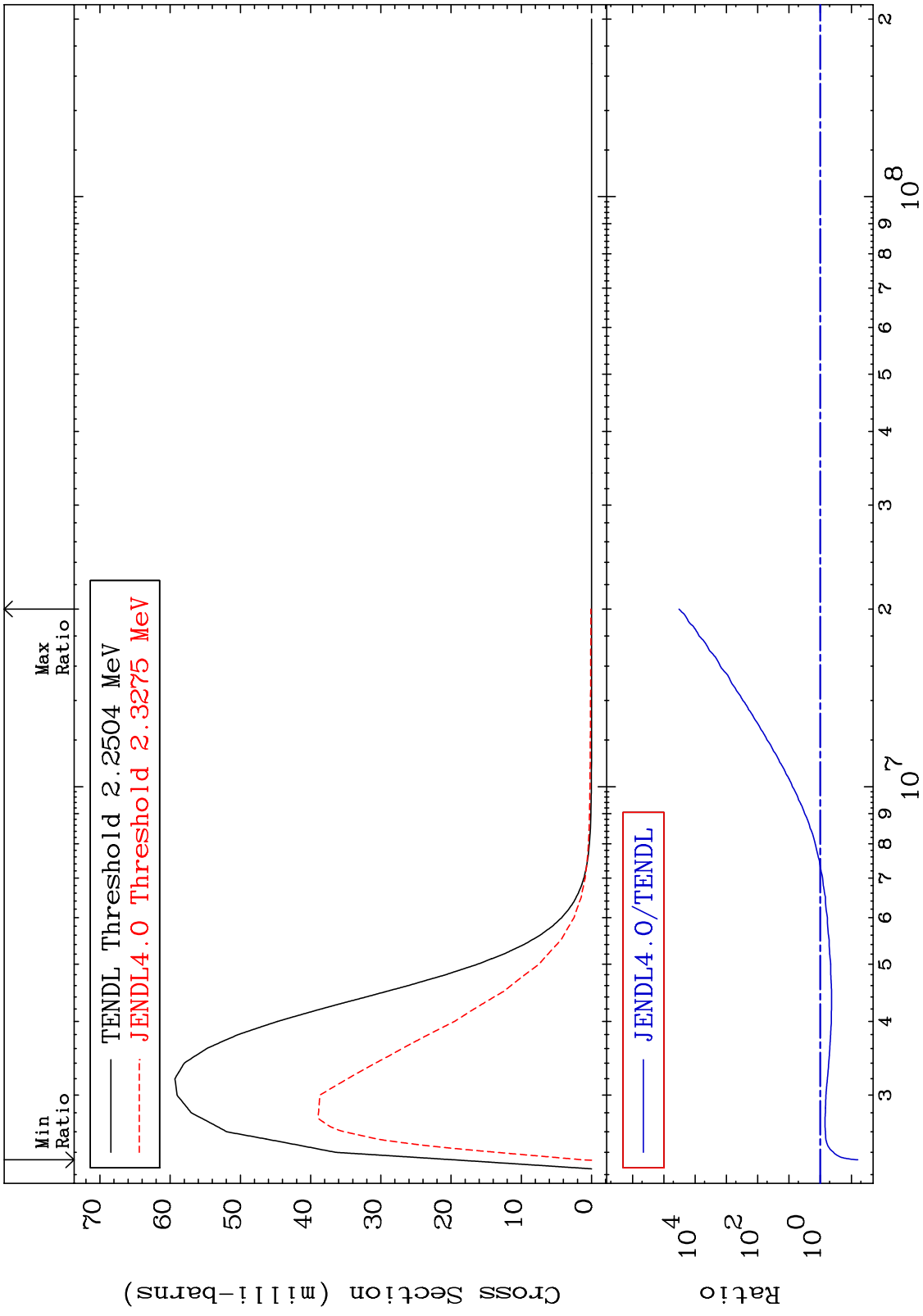
MAT 4637 MT= 66 (n,n') Level Cross Section 46-Pd-106 -66.89 To 1540. %



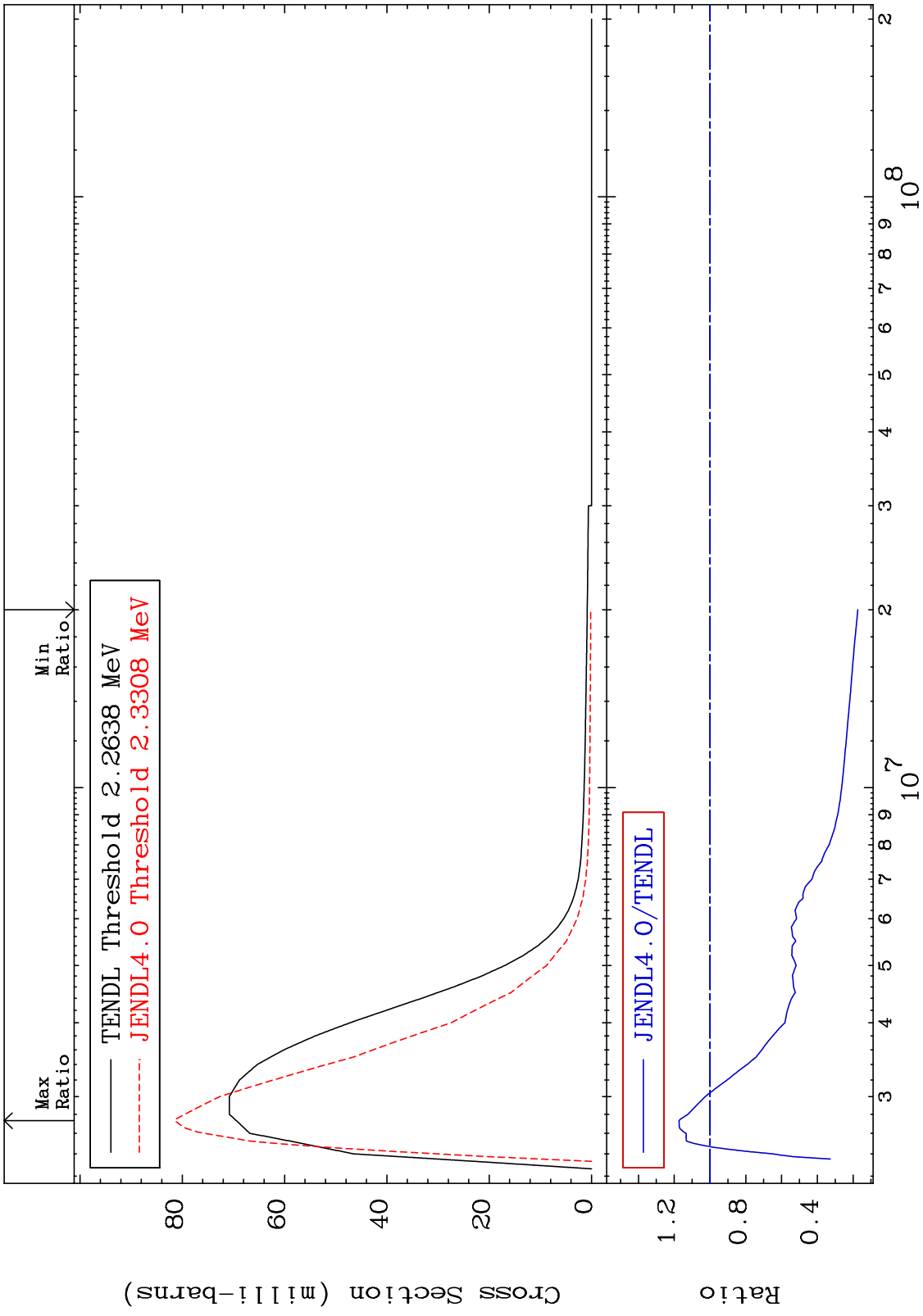
MAT 4637 MT= 67 (n,n') Level Cross Section 46-Pd-106 -93.66 To -41.08%



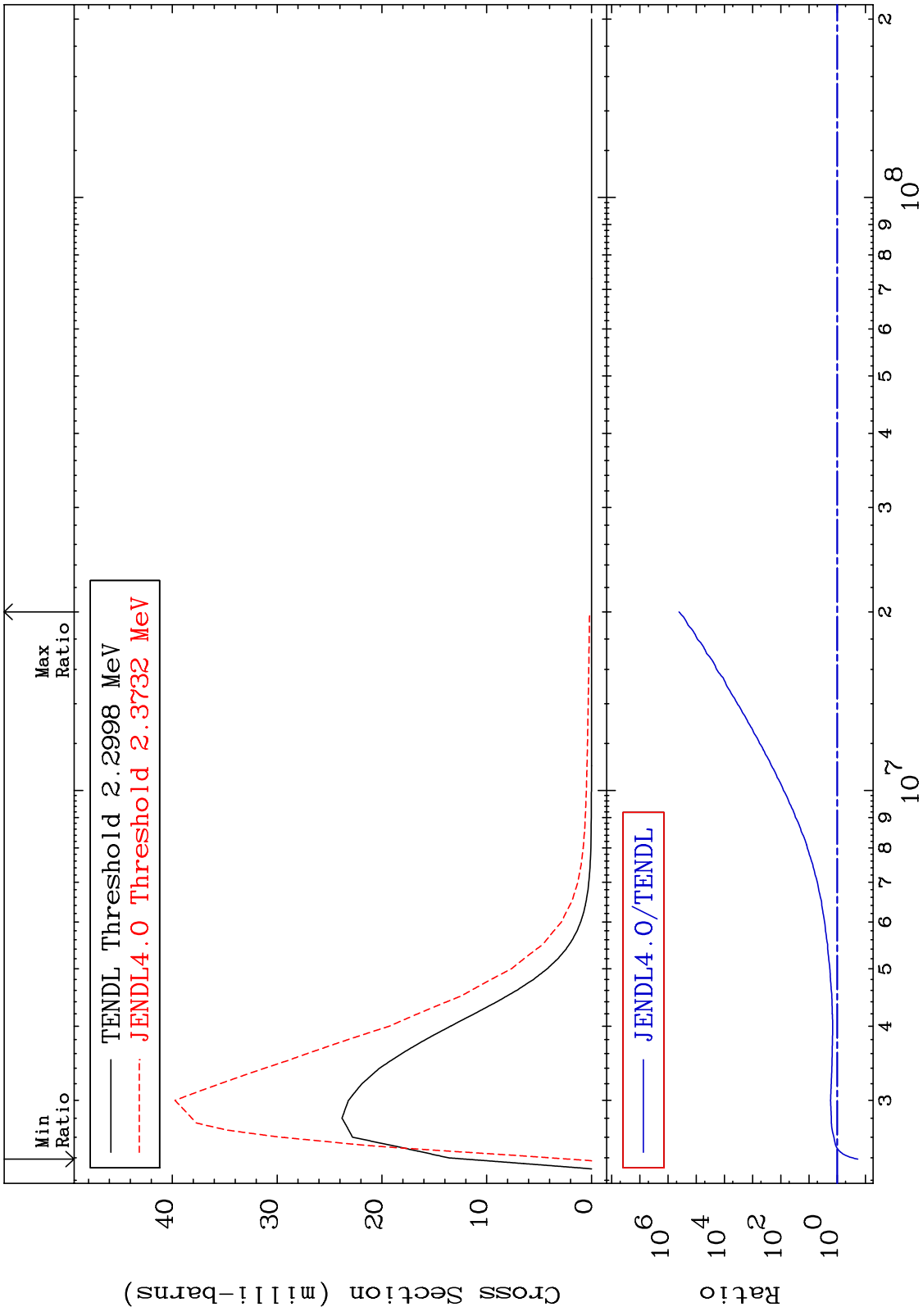
MAT 4637 MT= 68 (n,n') Level Cross Section 46-Pd-106 -93.78 To 9999. %



MAT 4637 MT= 69 (n,n') Level Cross Section 46-Pd-106 -82.64 To 17.30 %



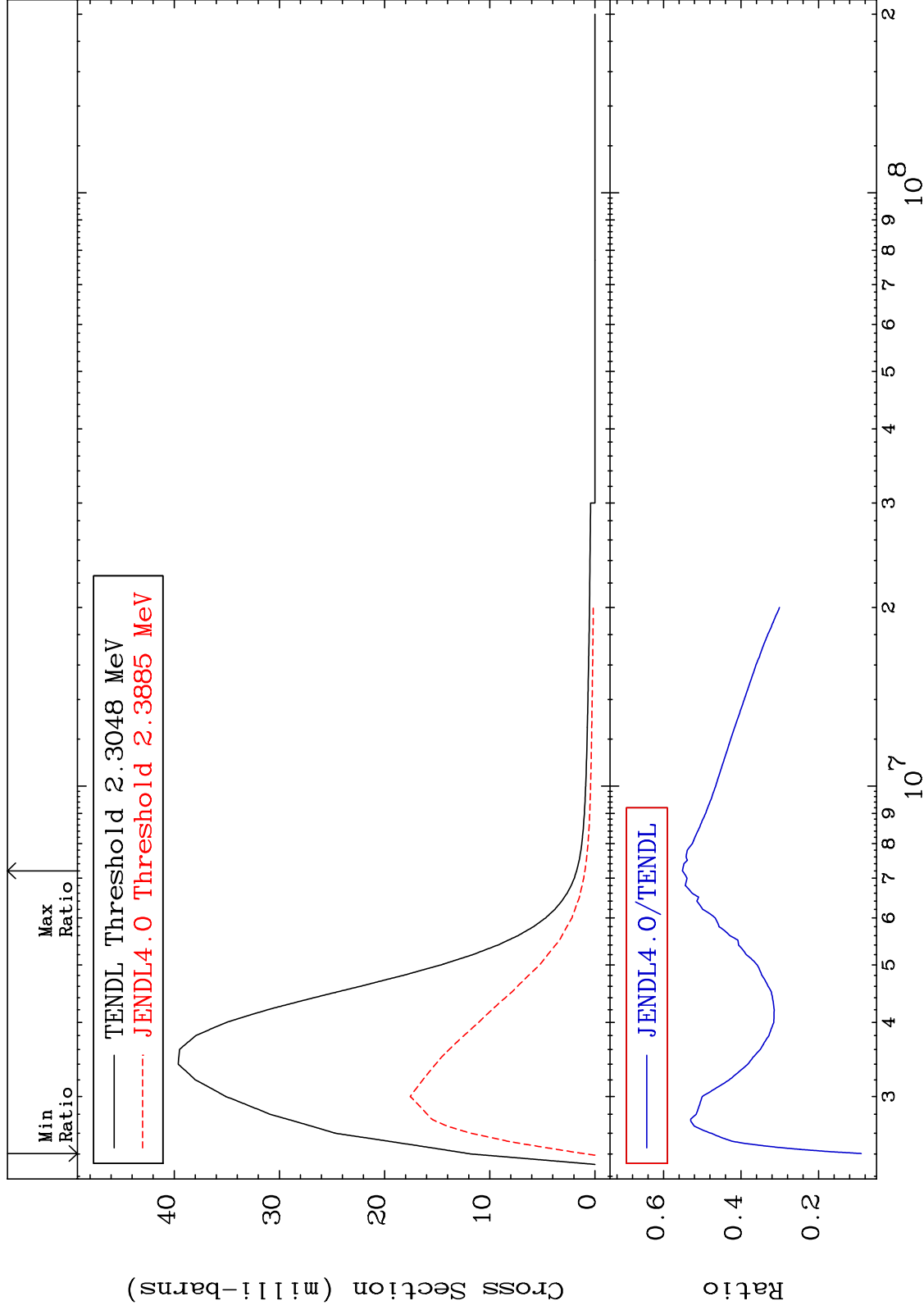
MAT 4637      MT= 70 (n,n') Level Cross Section      46-Pd-106  
 -81.55 To 9999. %



MAT 4637

MT= 71 (n,n') Level  
Cross Section

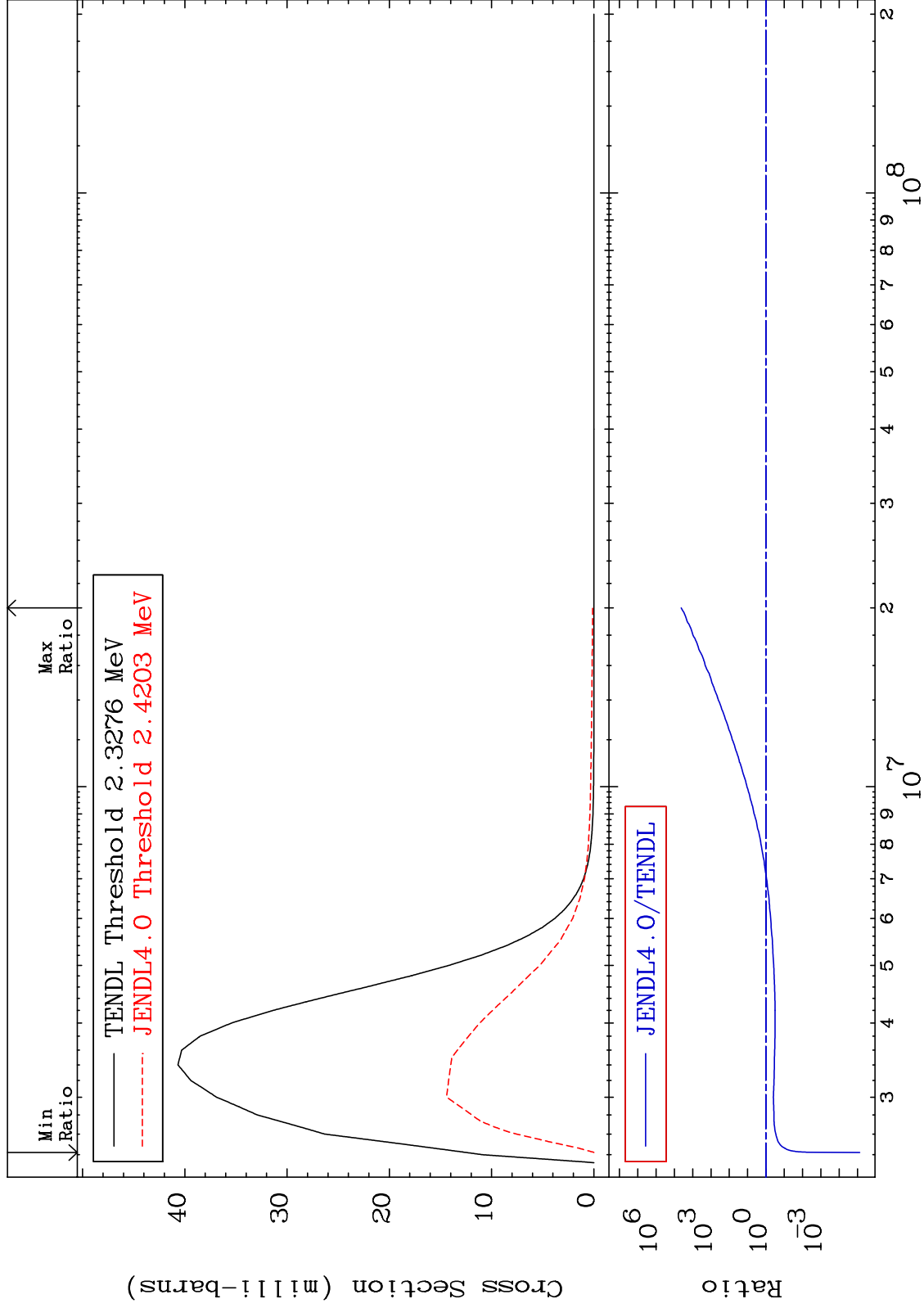
46-Pd-106  
-91.01 To -44.89%



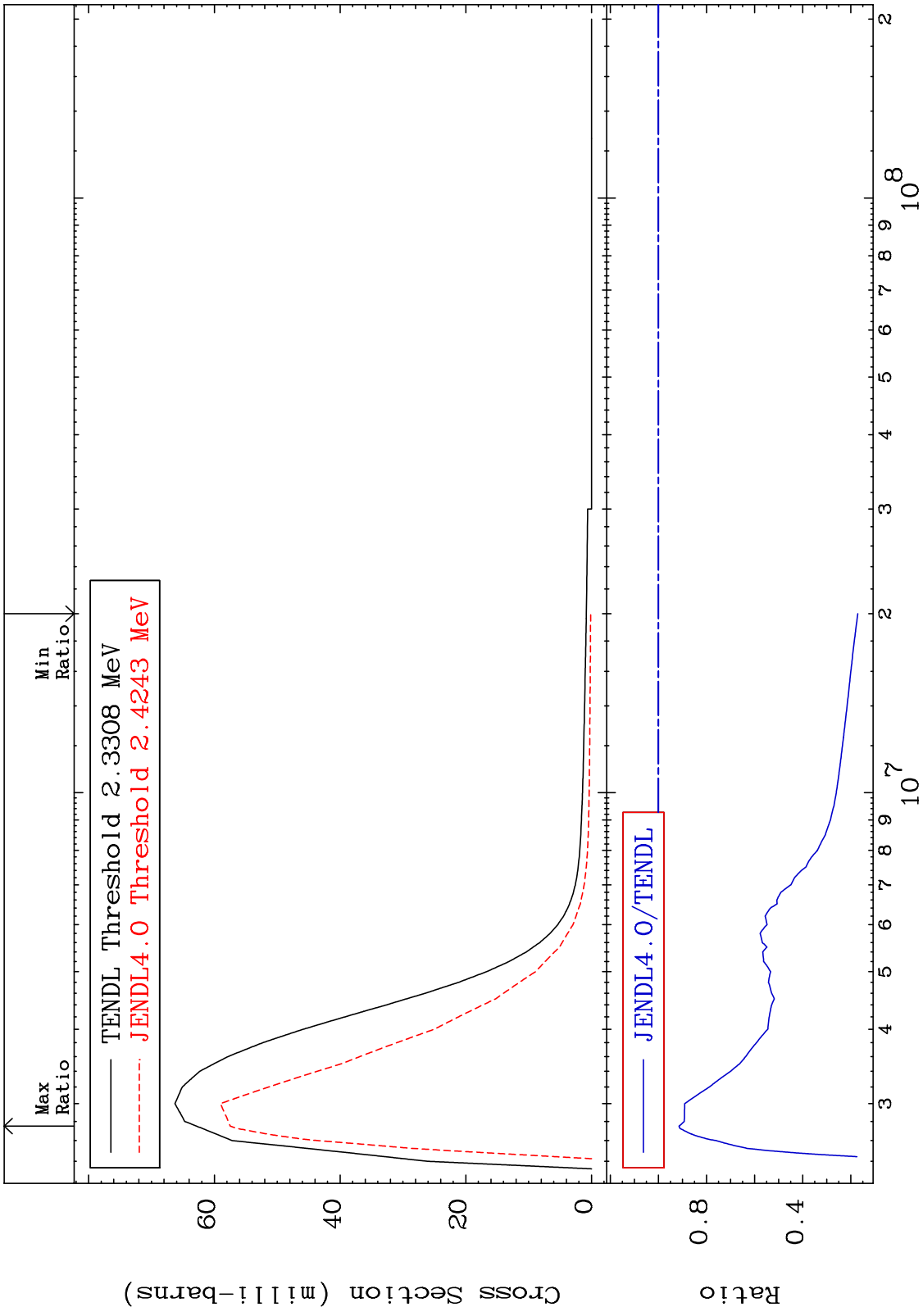
MAT 4637

MT= 72 (n,n') Level  
Cross Section

46-Pd-106  
-100.0 To 9999. %

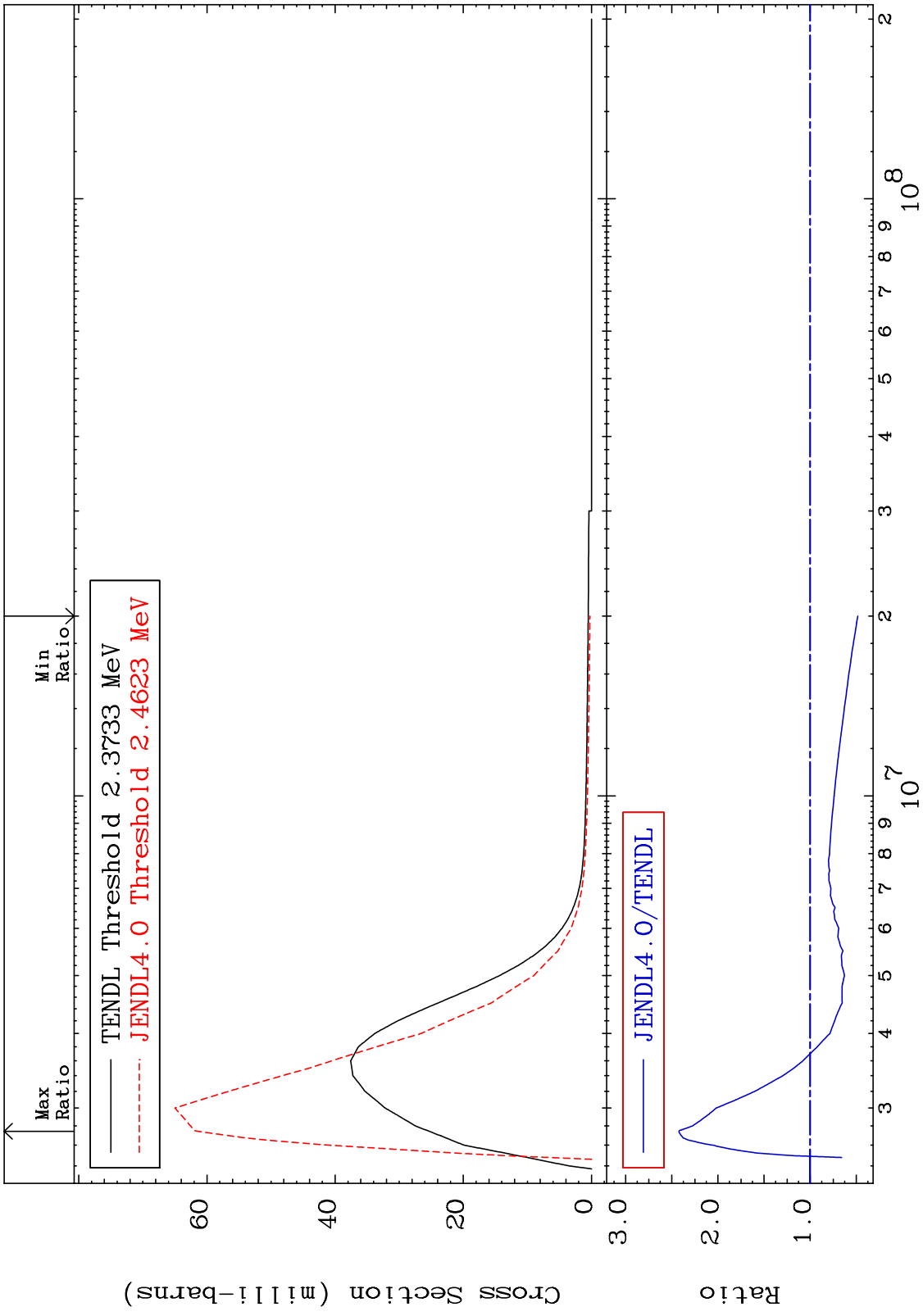


MAT 4637      MT= 73 (n,n') Level Cross Section      46-Pd-106  
 -82.91 To -8.552%

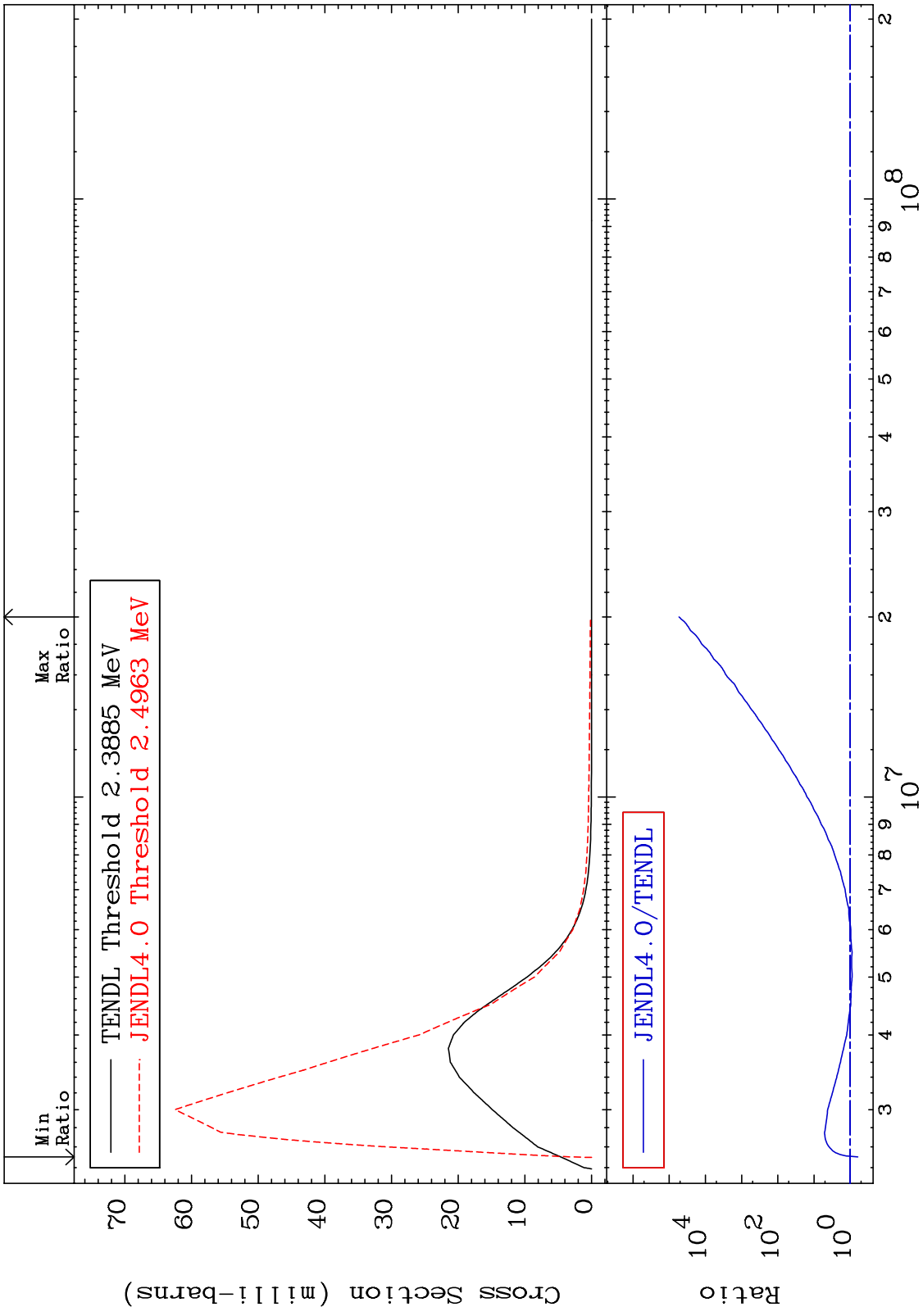




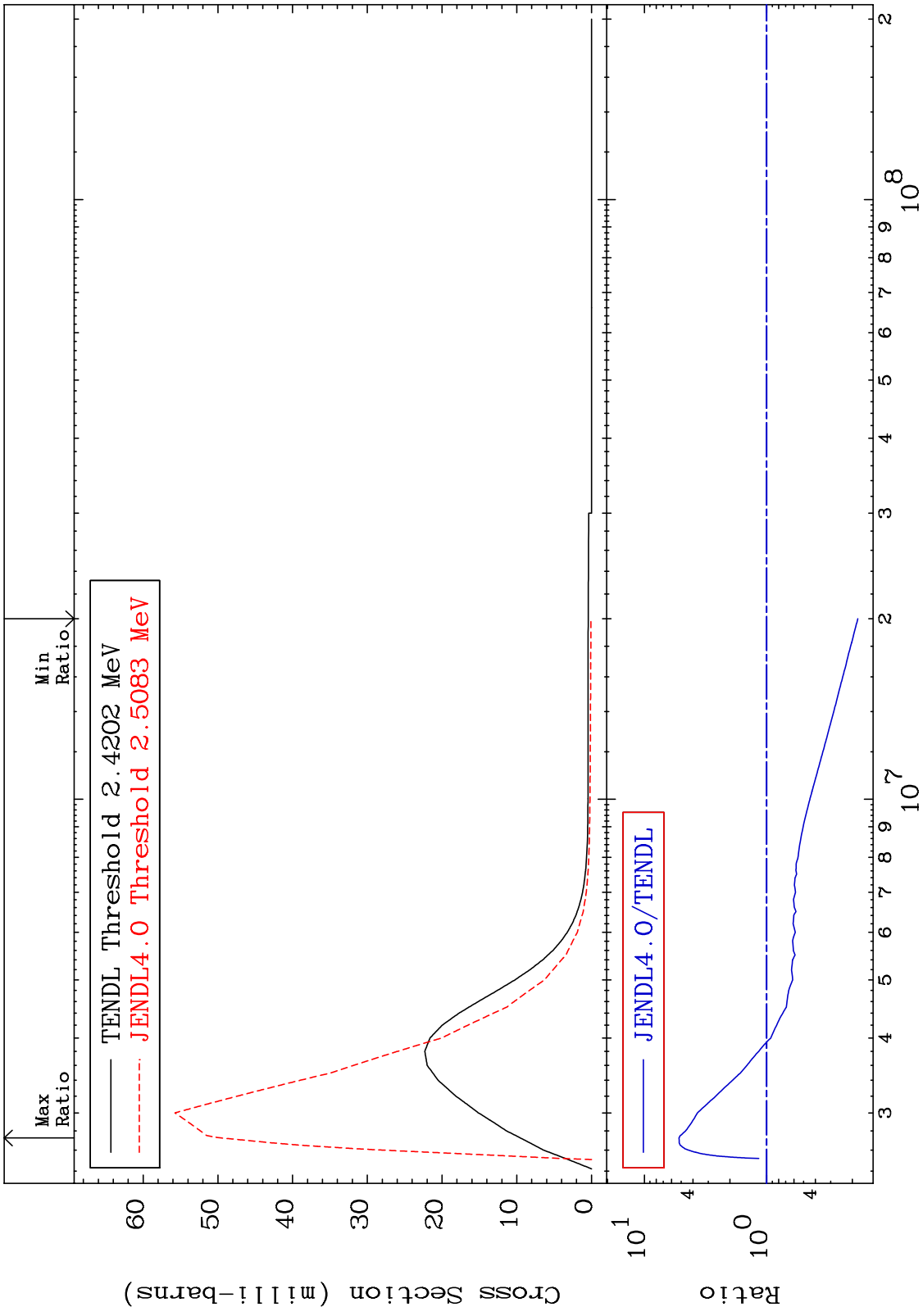
MAT 4637 MT= 74 (n,n') Level Cross Section 46-Pd-106 -51.65 To 142.1 %



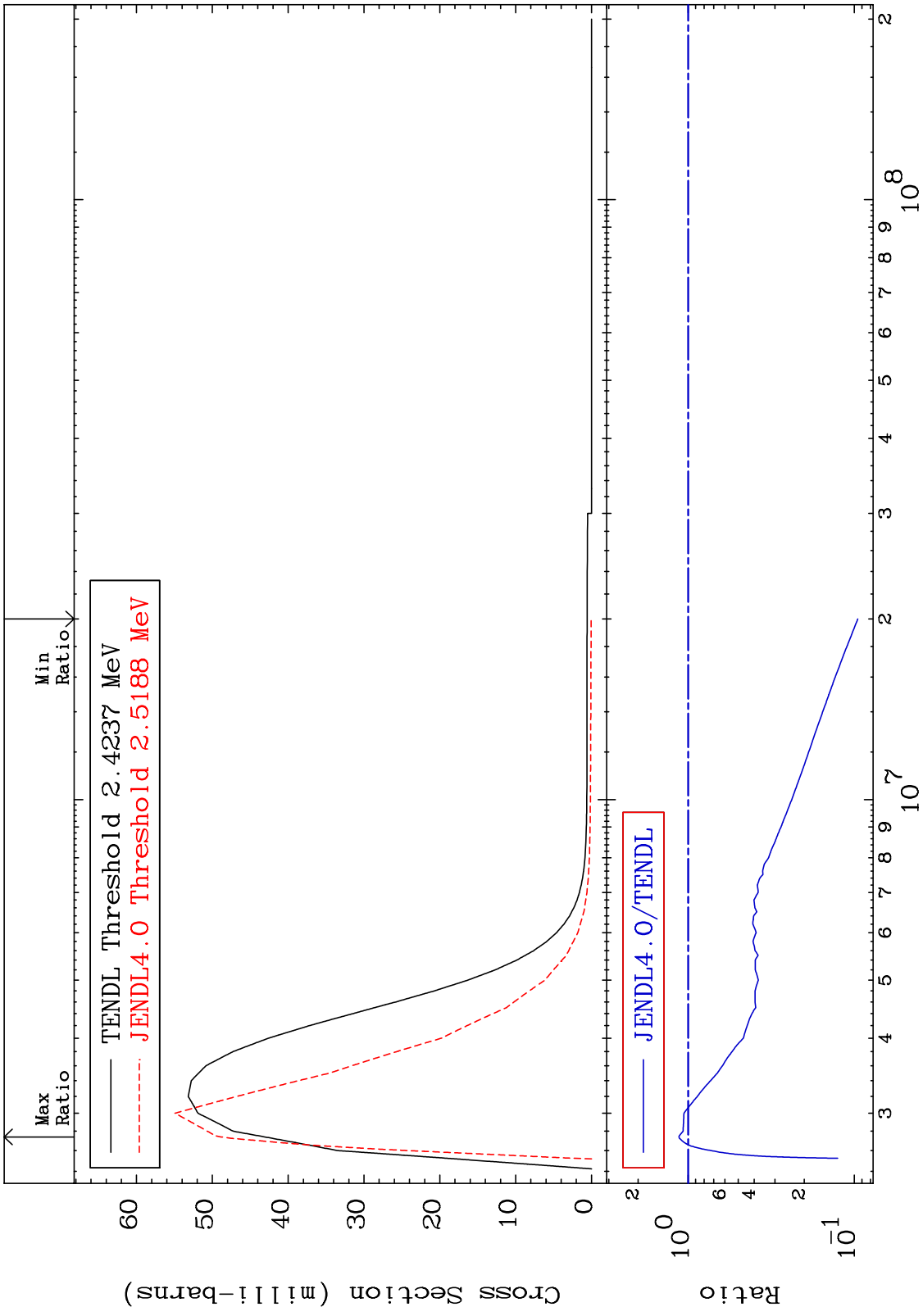
MAT 4637 MT= 75 (n,n') Level Cross Section 46-Pd-106  
 -38.31 To 9999. %



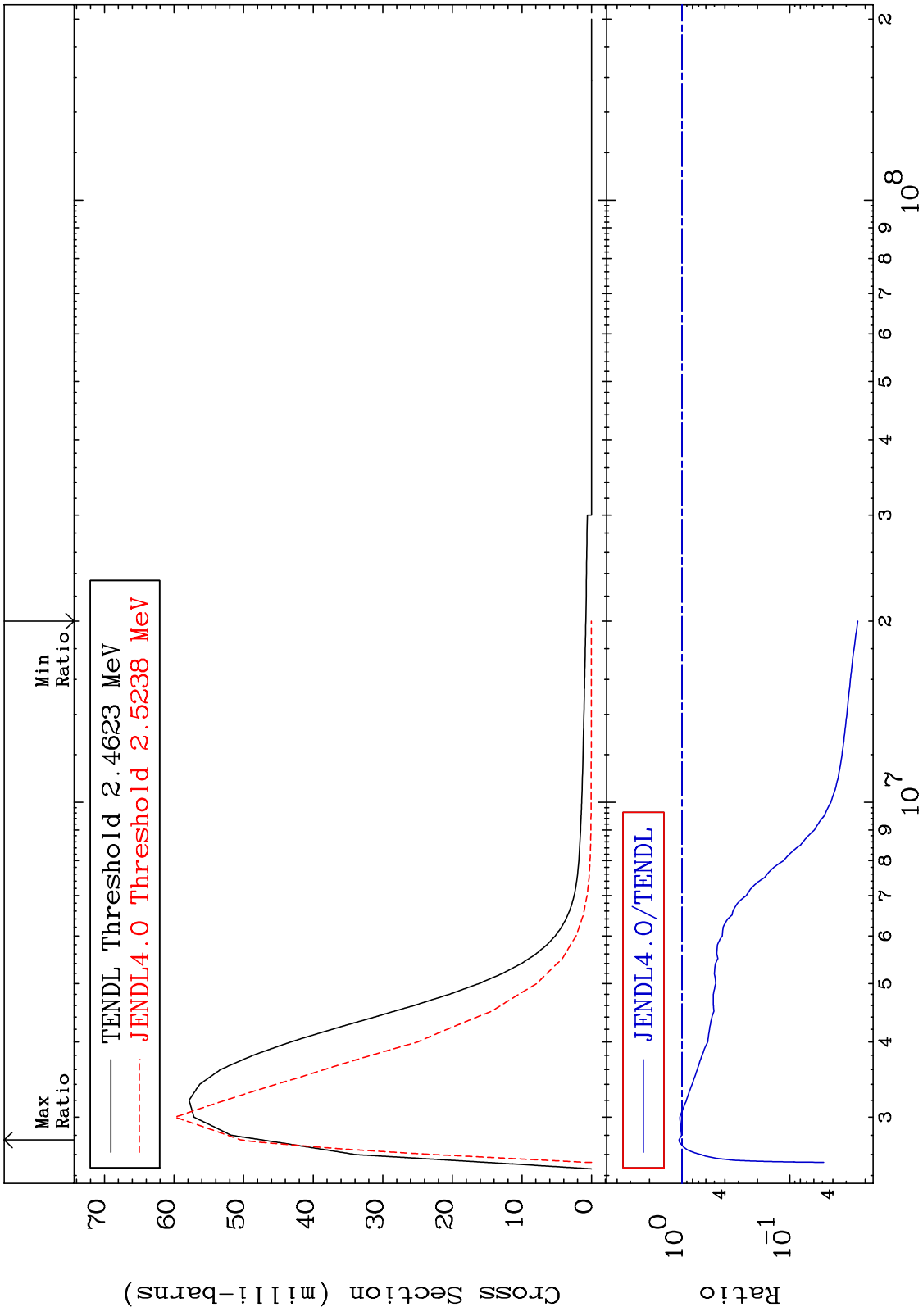
MAT 4637 MT= 76 (n,n') Level Cross Section 46-Pd-106  
 -81.99 To 420.5 %



MAT 4637 MT= 77 (n,n') Level Cross Section 46-Pd-106 -90.47 To 13.31 %



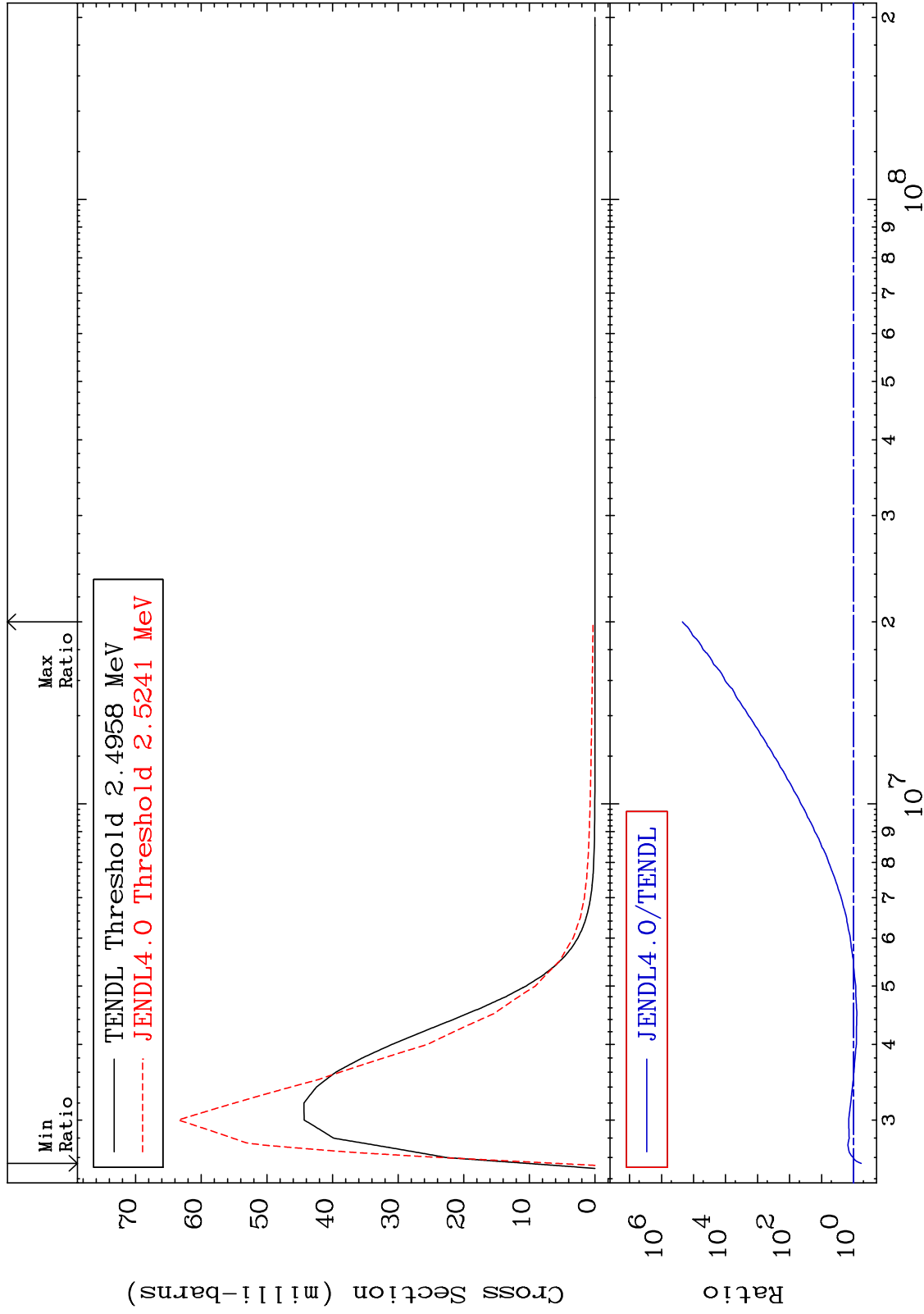
MAT 4637 MT= 78 (n,n') Level Cross Section 46-Pd-106 -97.66 To 6.497 %



MAT 4637

MT= 79 (n,n') Level  
Cross Section

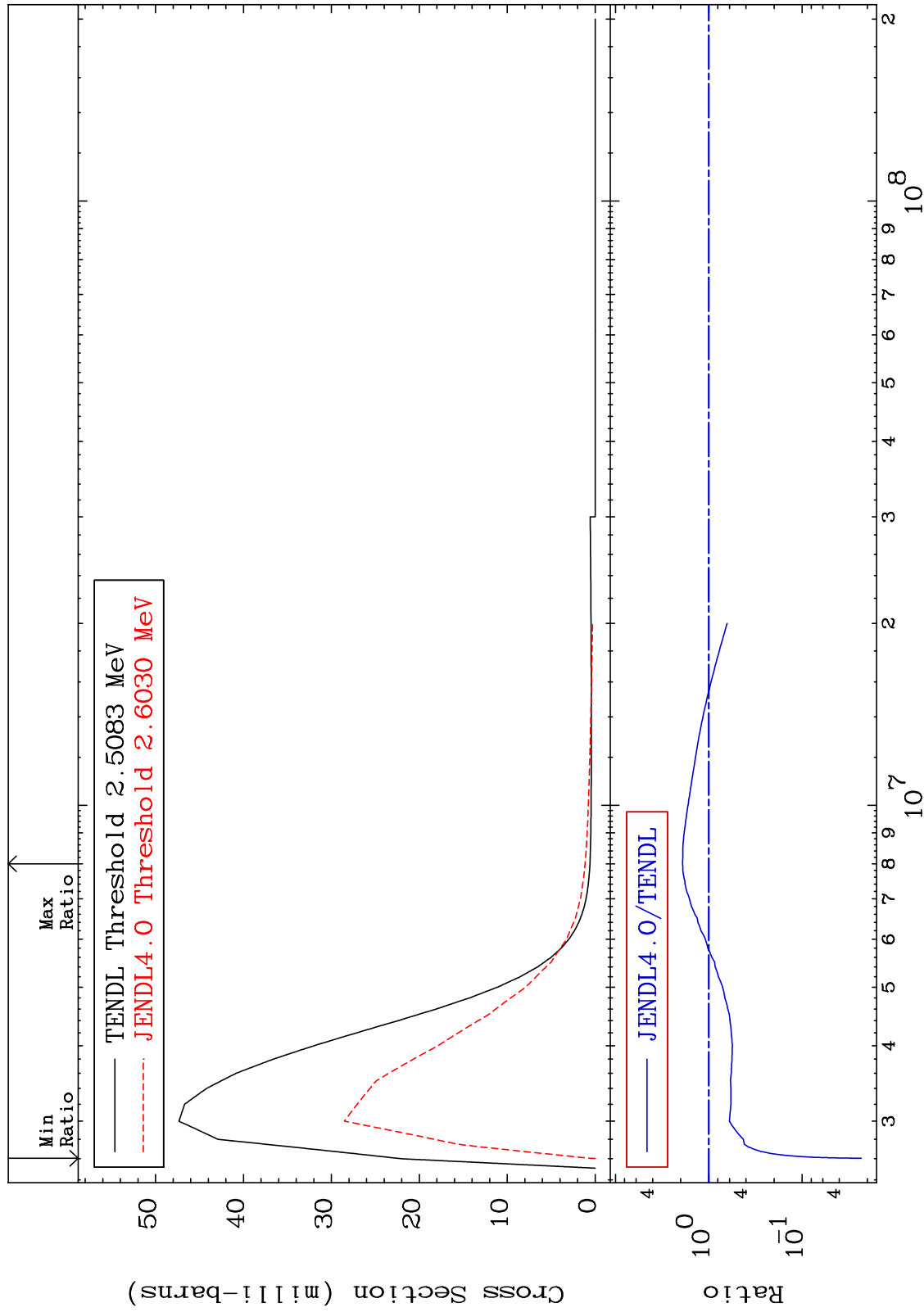
46-Pd-106  
-42.13 To 9999. %



MAT 4637

MT= 80 (n,n') Level  
Cross Section

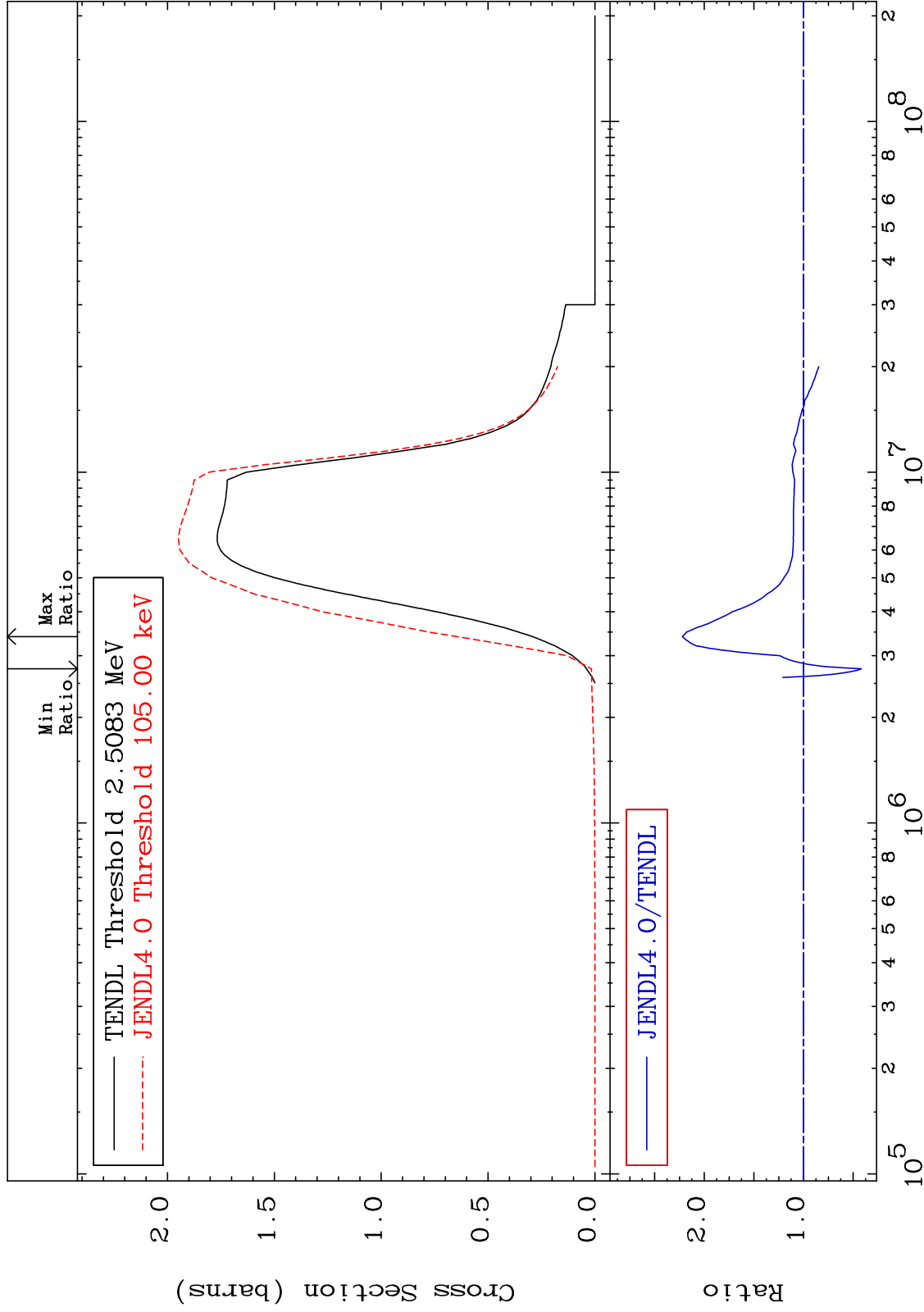
46-Pd-106  
-97.68 To 90.53 %



MAT 4637

(n, n') Continuum  
Cross Section

46-Pd-106  
-58.19 To 122.0 %



39

46-Pd-106



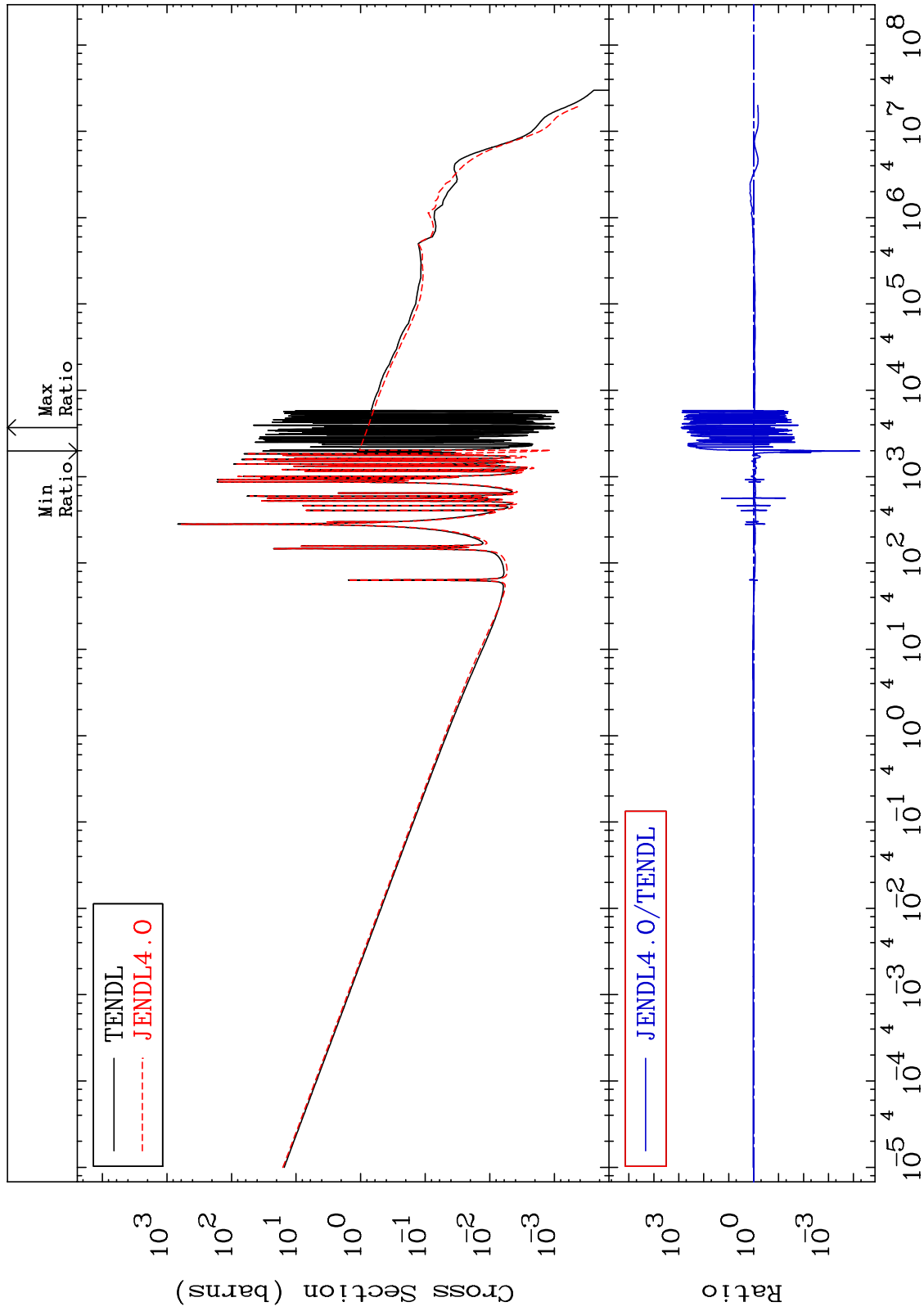
MAT 4637

(n,  $\gamma$ )

46-Pd-106

-99.99 To 9999. %

Cross Section

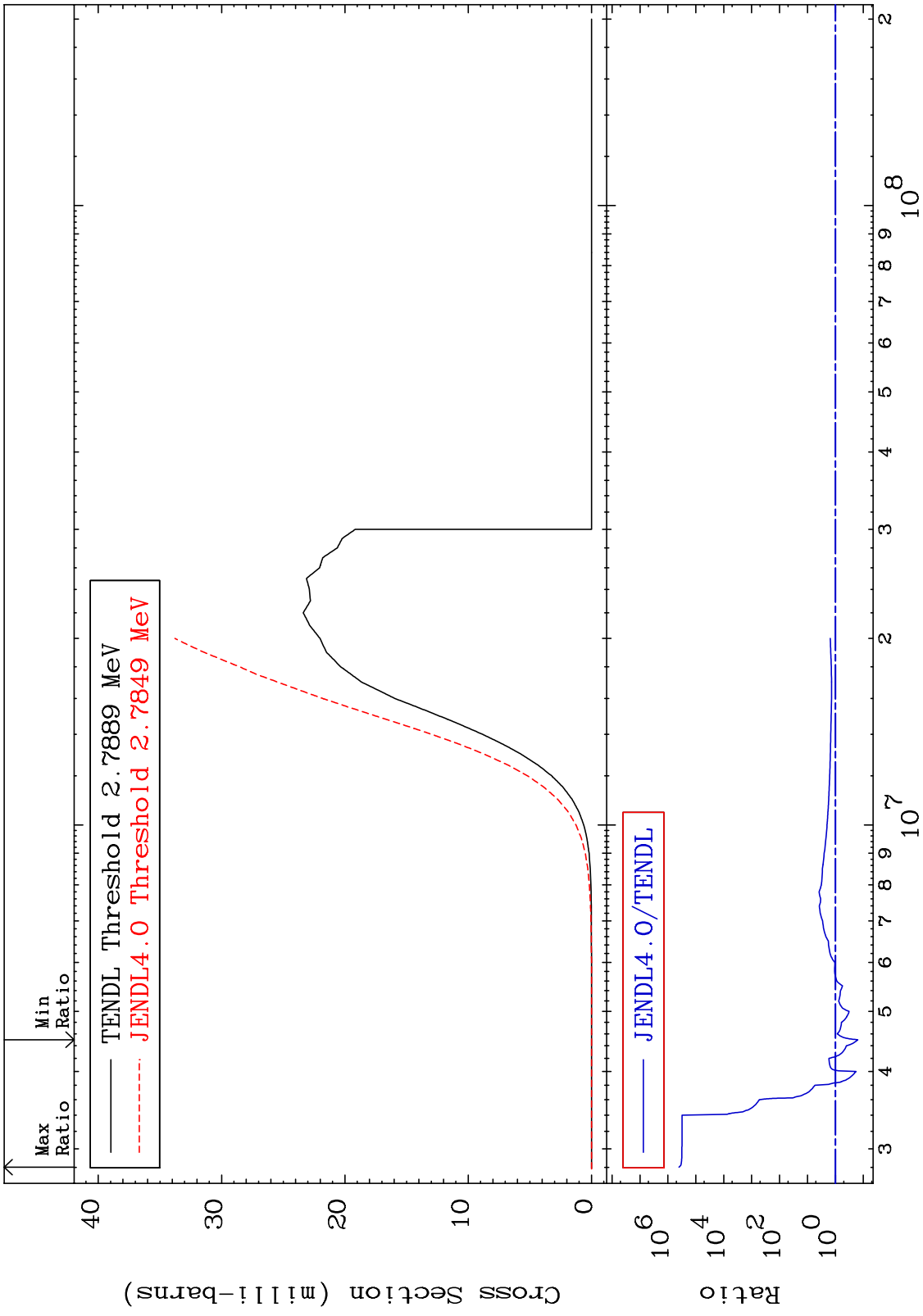


40

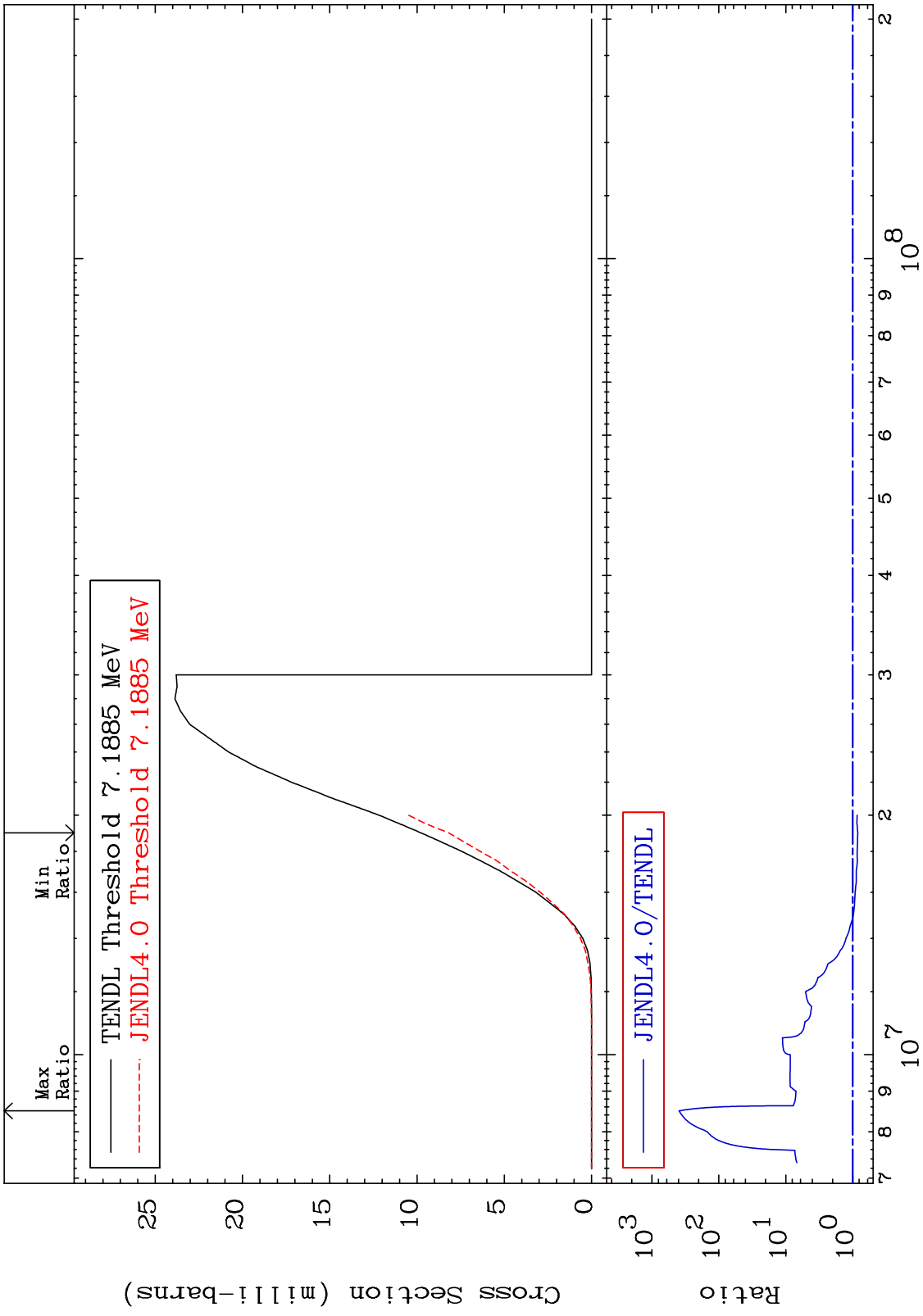
Incident Energy (eV)

46-Pd-106

MAT 4637 (n,p) 46-Pd-106  
 Cross Section -84.28 To 9999. %

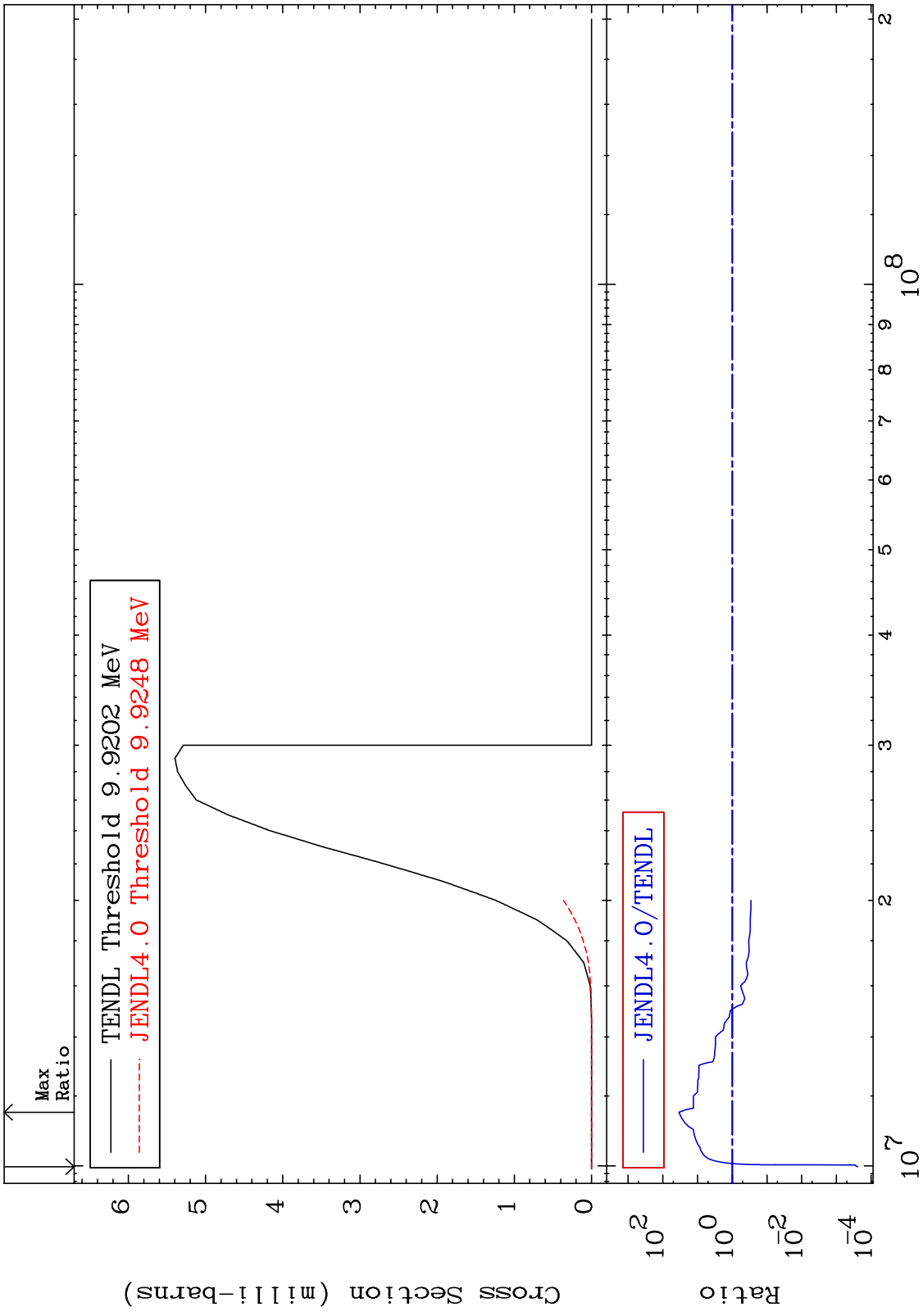


MAT 4637 (n,d) 46-Pd-106  
 Cross Section -16.22 To 9999. %

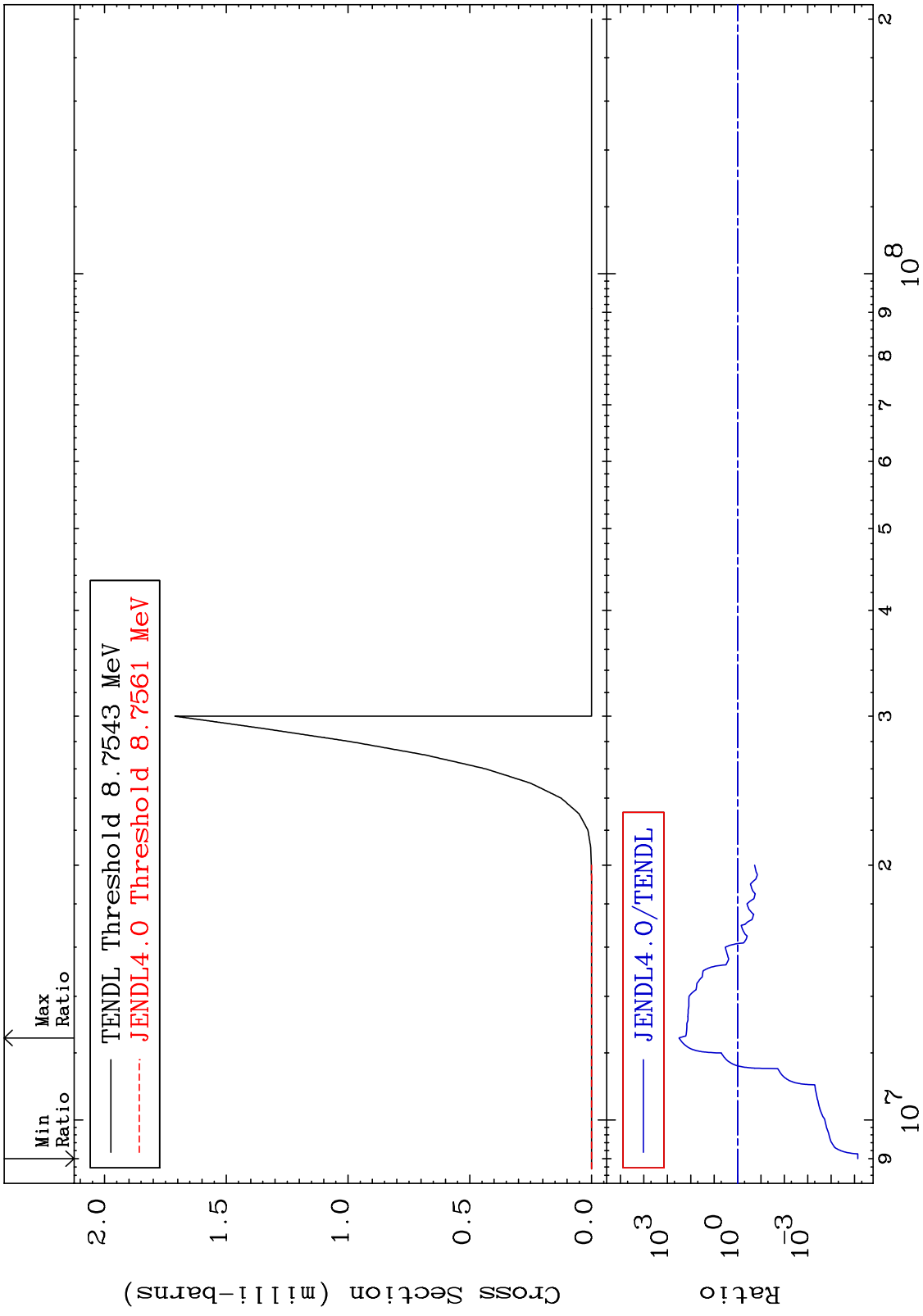


42 46-Pd-106 Incident Energy (eV)

MAT 4637 (n,t) 46-Pd-106  
Cross Section -99.98 To 3305. %



43 46-Pd-106



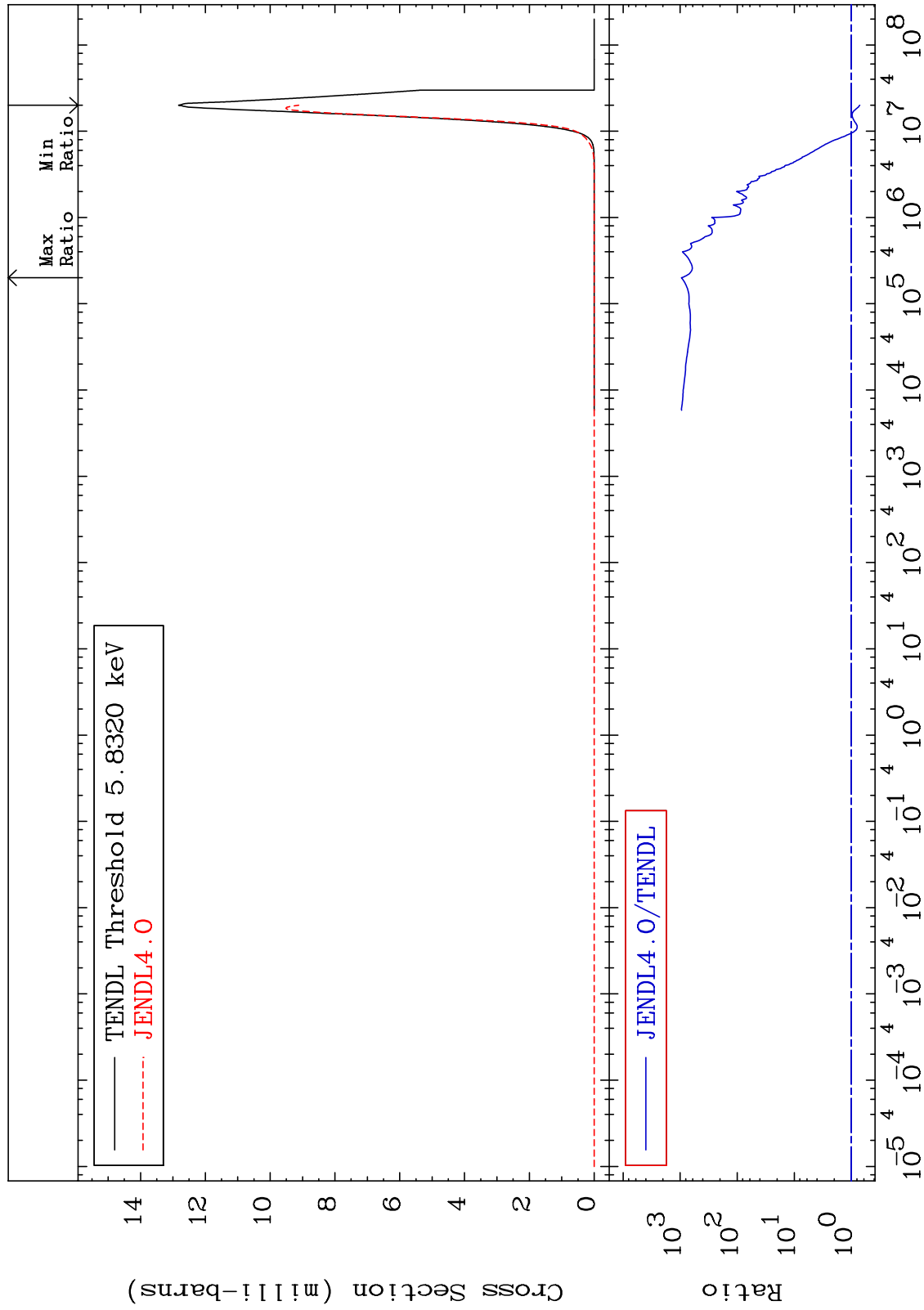
MAT 4637

(n,  $\alpha$ )

46-Pd-106

Cross Section

-28.92 To 9999. %



45

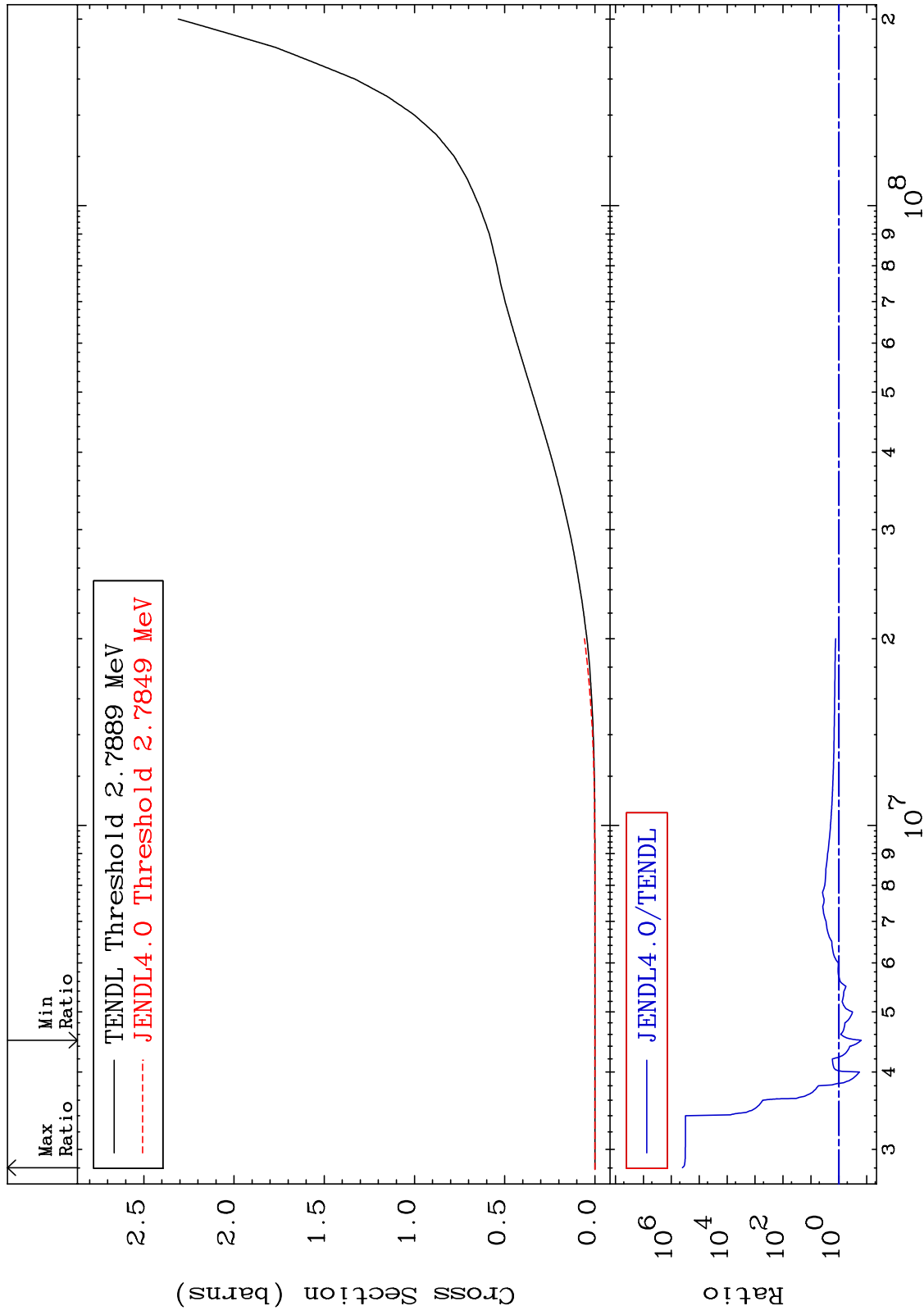
Incident Energy (eV)

46-Pd-106

MAT 4637

Hydrogen Production  
Cross Section

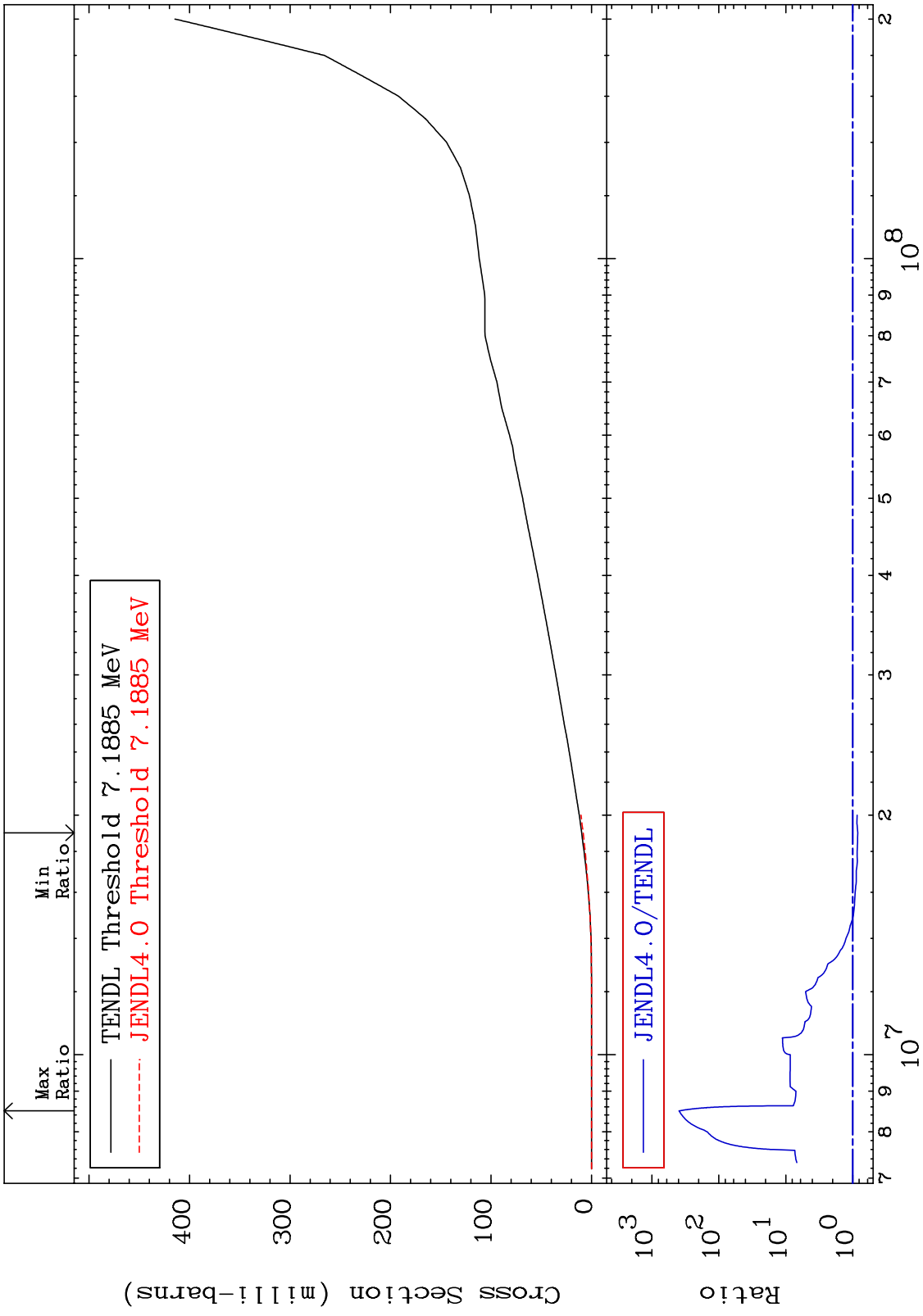
46-Pd-106  
-84.28 To 9999. %



46

Incident Energy (eV)

46-Pd-106

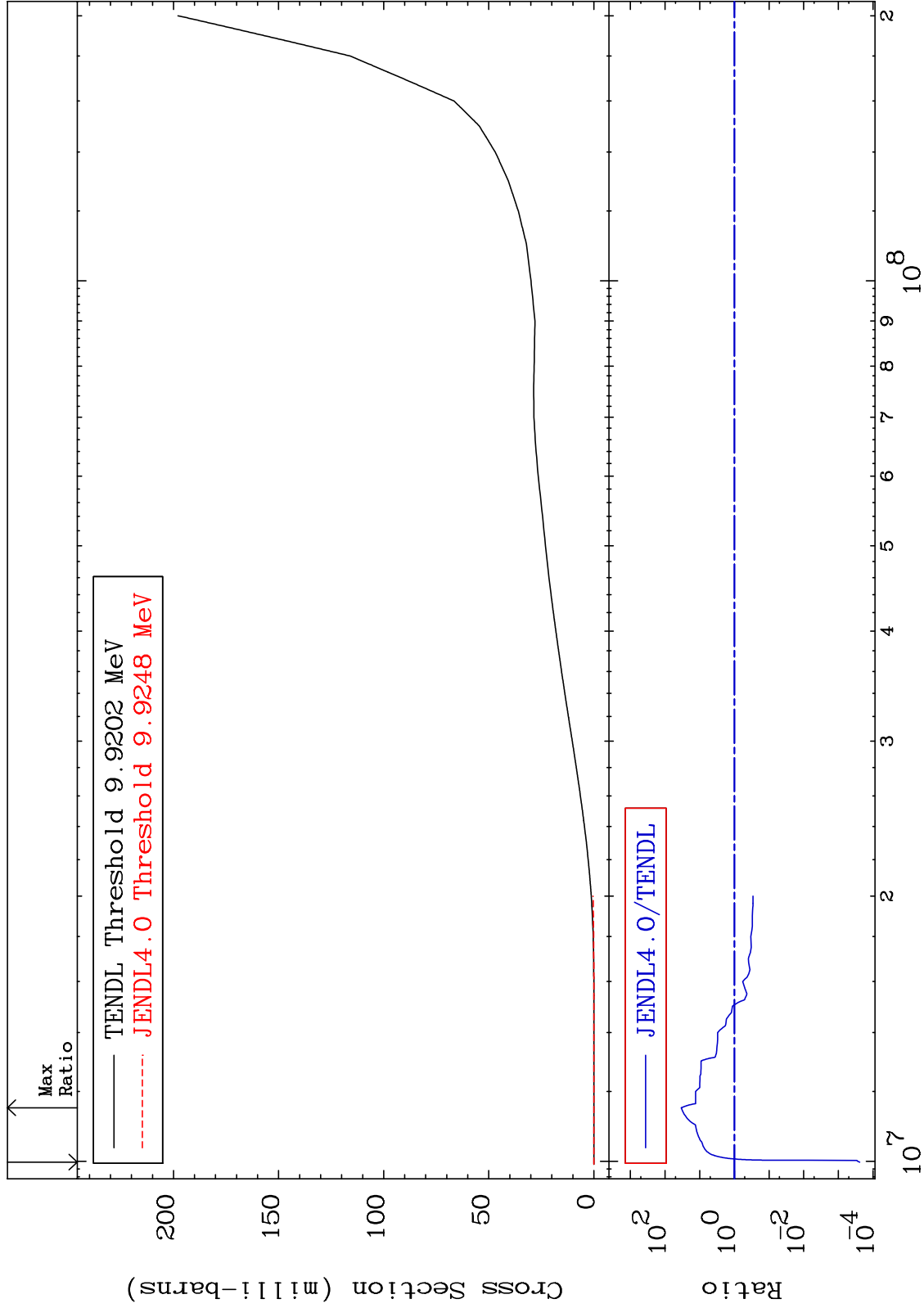




MAT 4637

Tritium Production  
Cross Section

46-Pd-106  
-99.98 To 3305. %



48

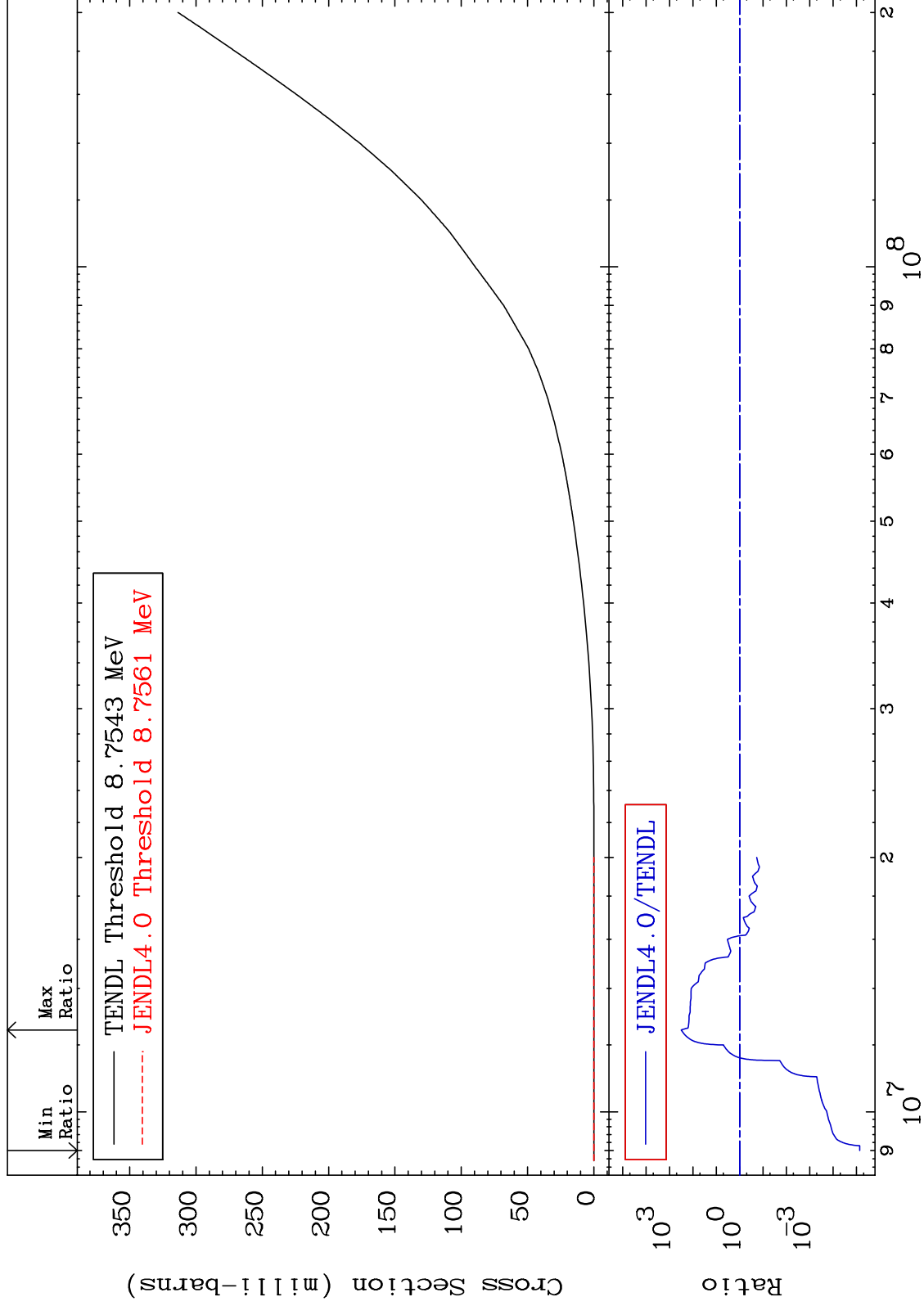
Incident Energy (eV)

46-Pd-106

MAT 4637

He-3 Production  
Cross Section

46-Pd-106  
-100.0 To 9999. %



49

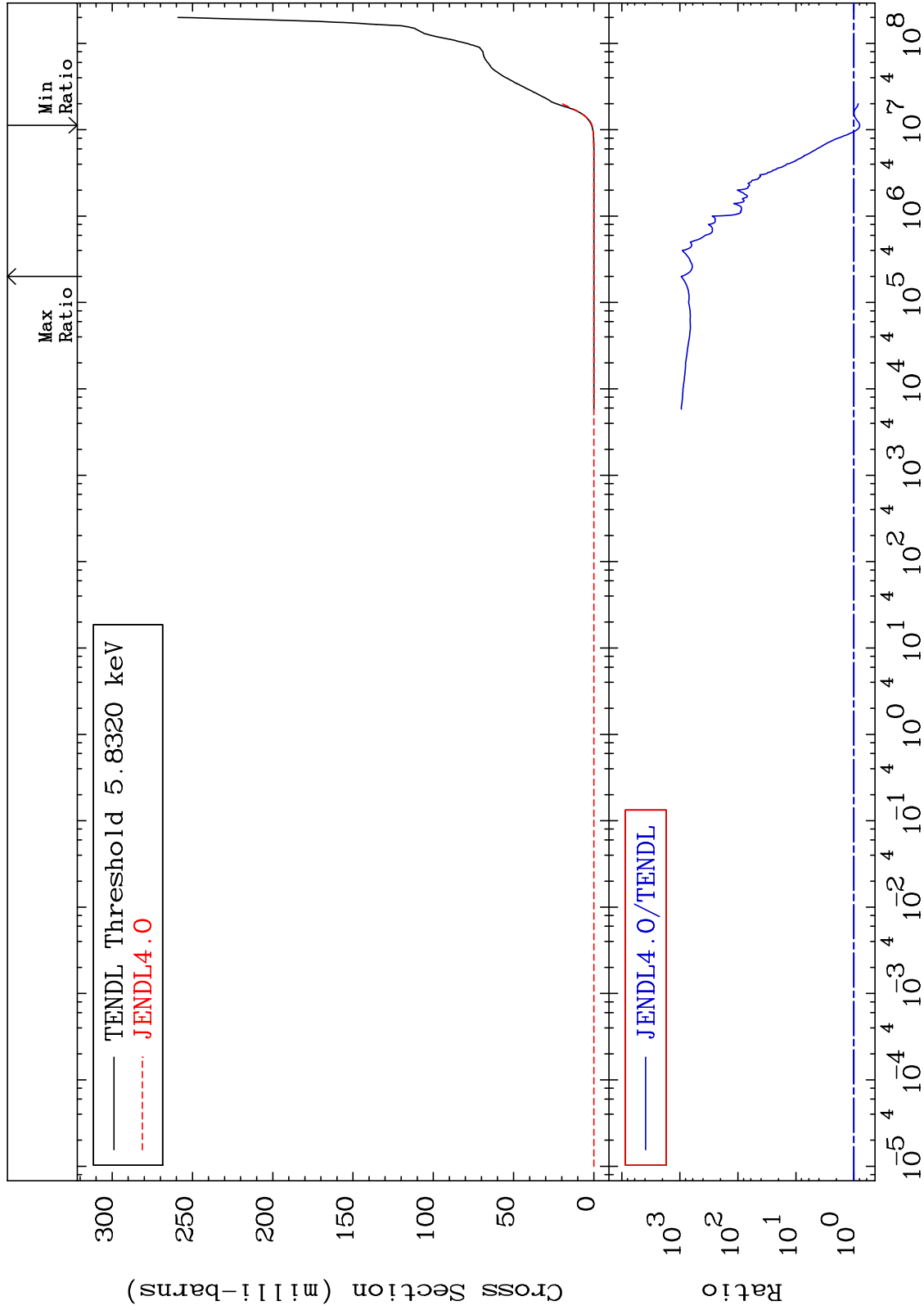
Incident Energy (eV)

46-Pd-106

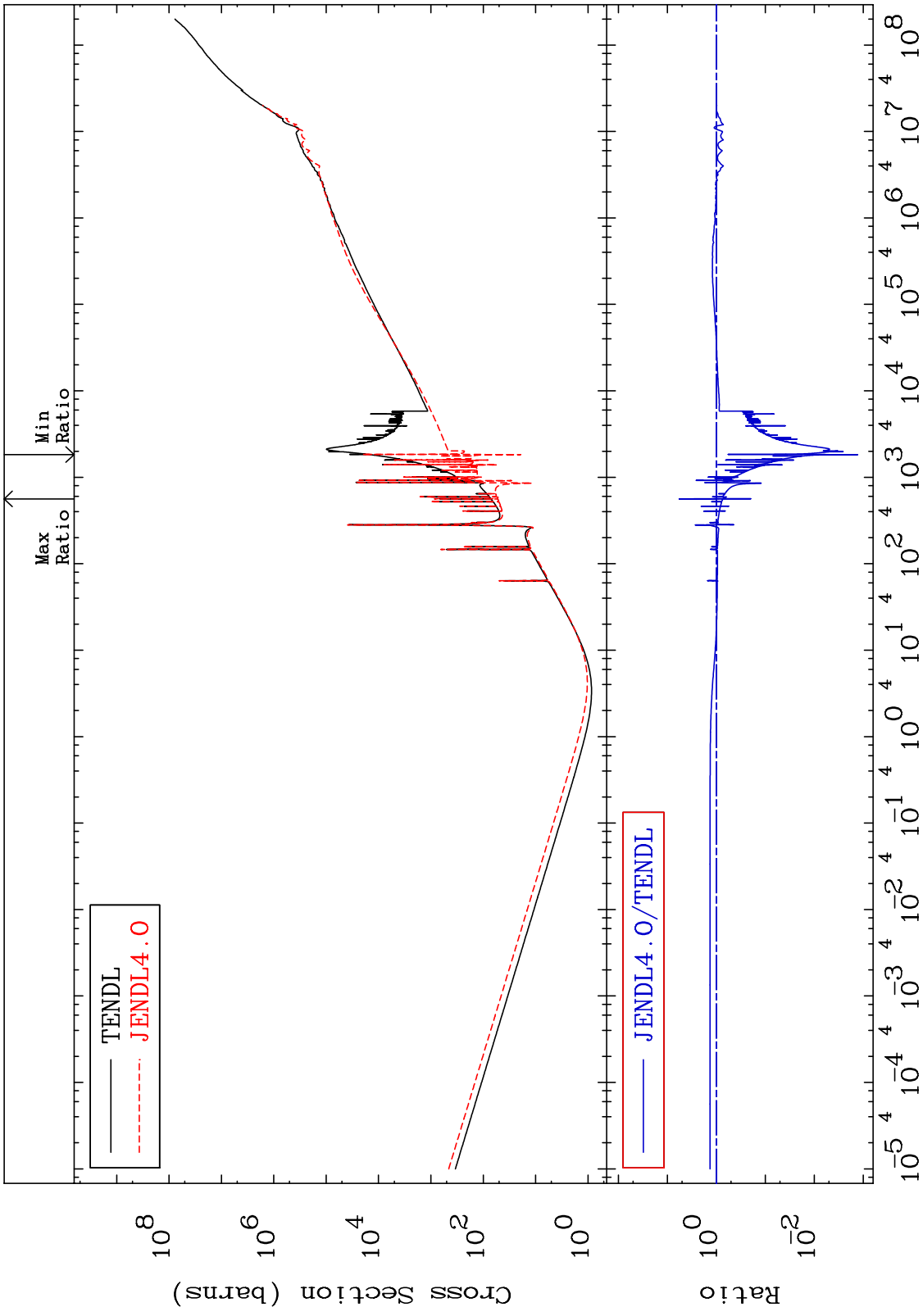
MAT 4637

He-4 Production  
Cross Section

46-Pd-106  
-20.76 To 9999. %



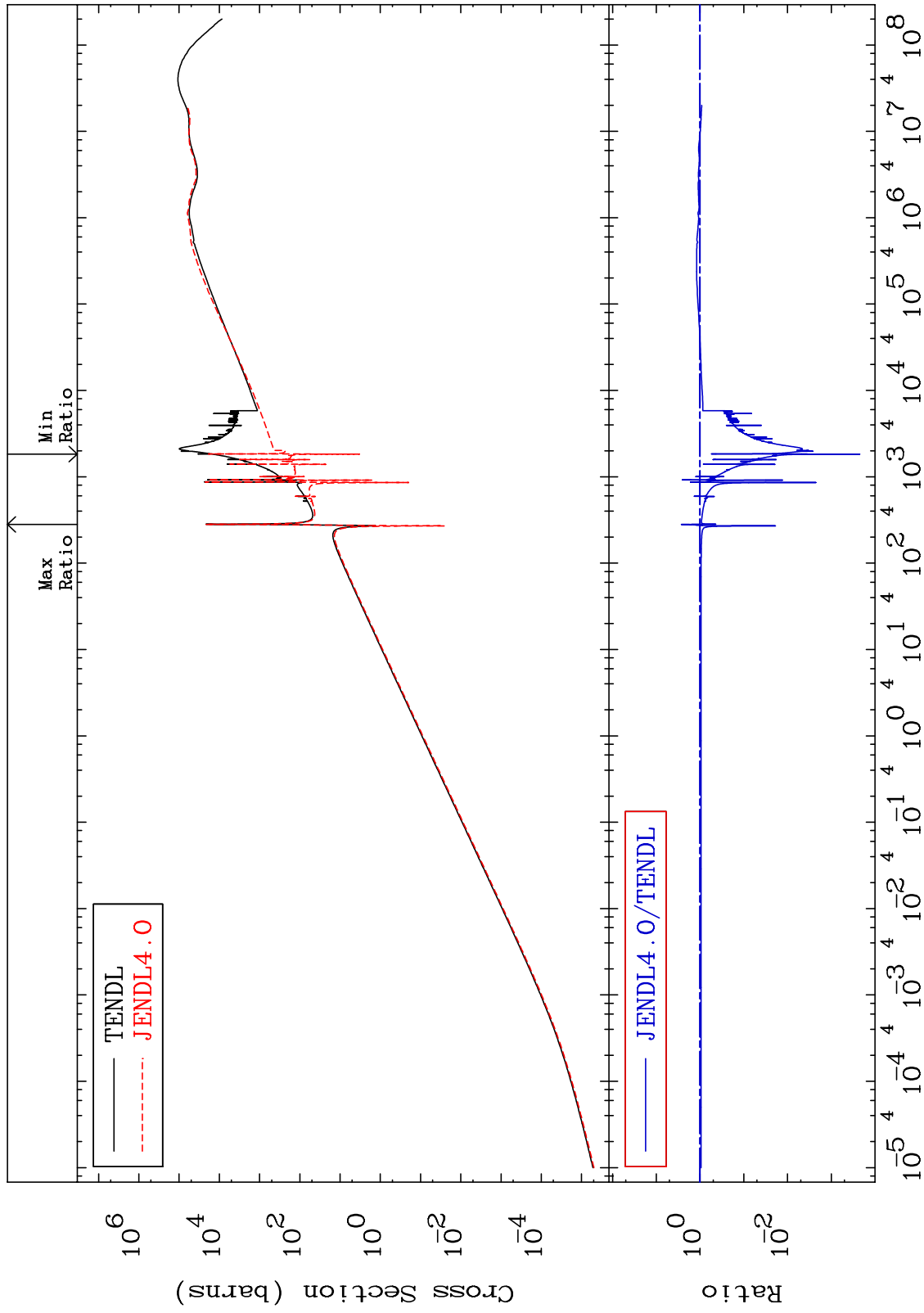
MAT 4637      Kerma total (eV-barns)  
 Cross Section      46-Pd-106  
 -99.87 To 477.0 %



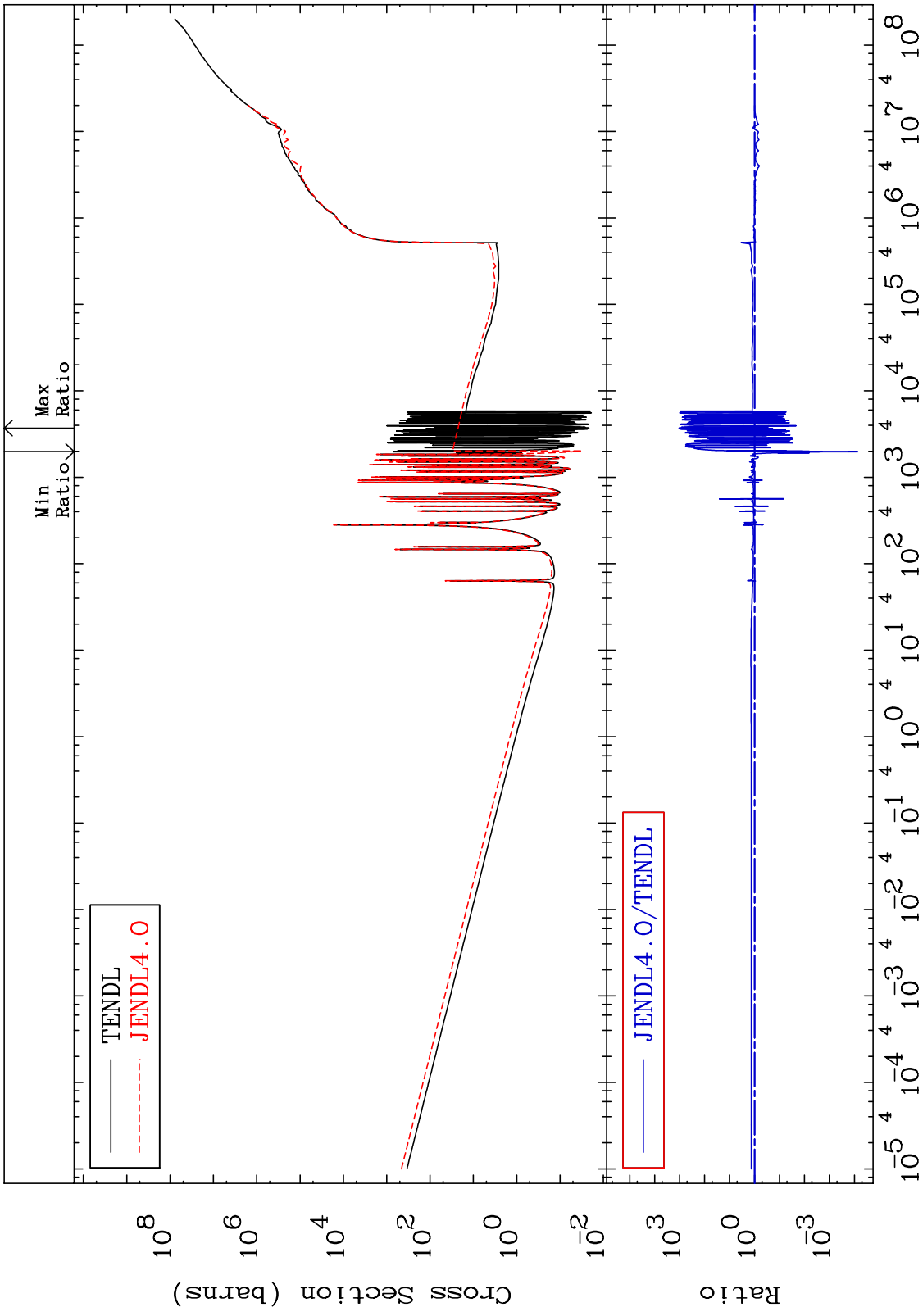
MAT 4637

Kerma elastic  
Cross Section

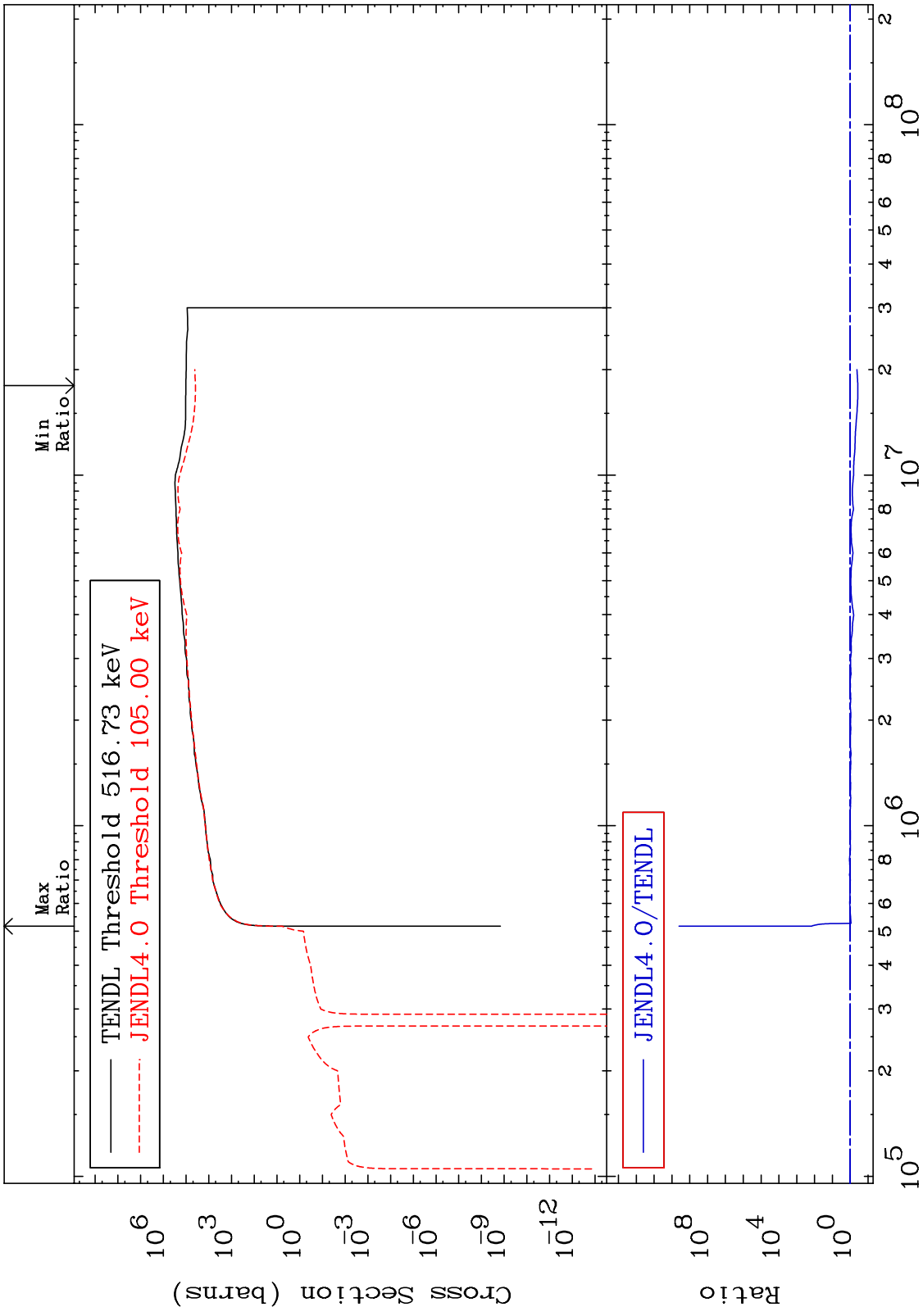
46-Pd-106  
-99.98 To 169.0 %



MAT 4637      Kerma non-elastic (all but mt2)      46-Pd-106  
 Cross Section      -99.99 To 9999. %



MAT 4637      Kerma inelastic (mt51-91)      46-Pd-106  
 Cross Section      -62.59 To 9999. %

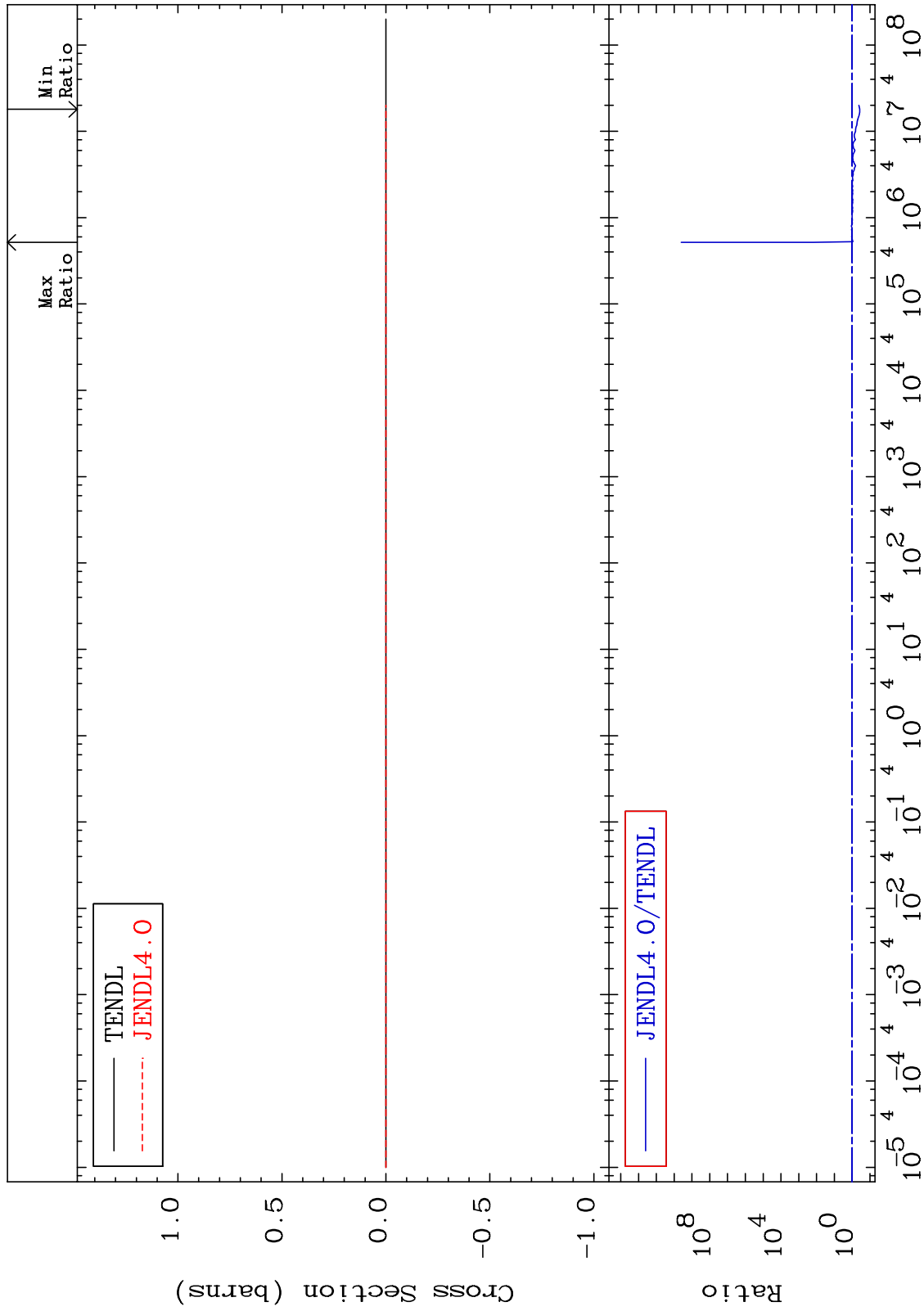


54      Incident Energy (eV)      46-Pd-106

MAT 4637

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

46-Pd-106  
-62.59 To 9999. %

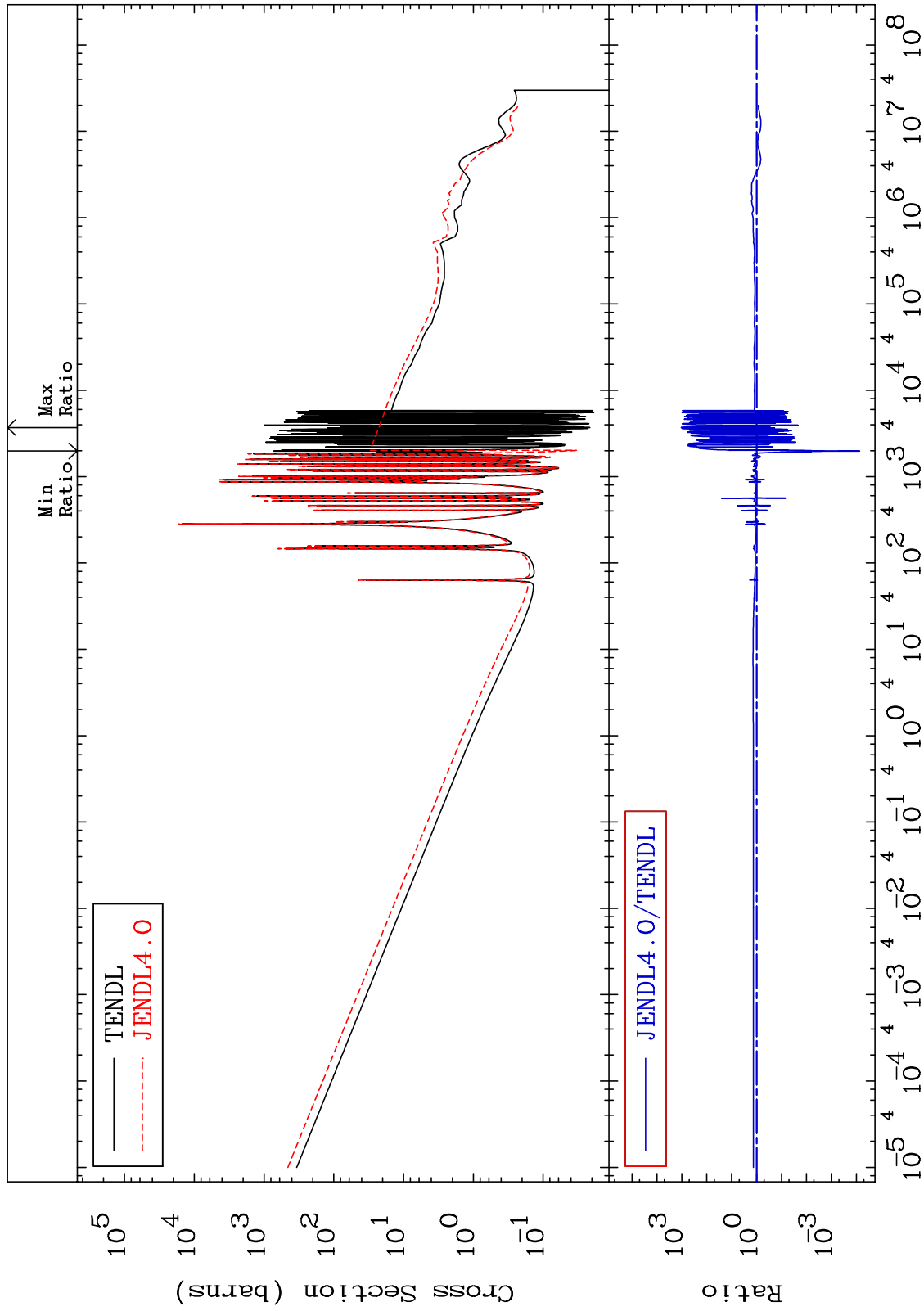




MAT 4637

Kerma capture (mt102)  
Cross Section

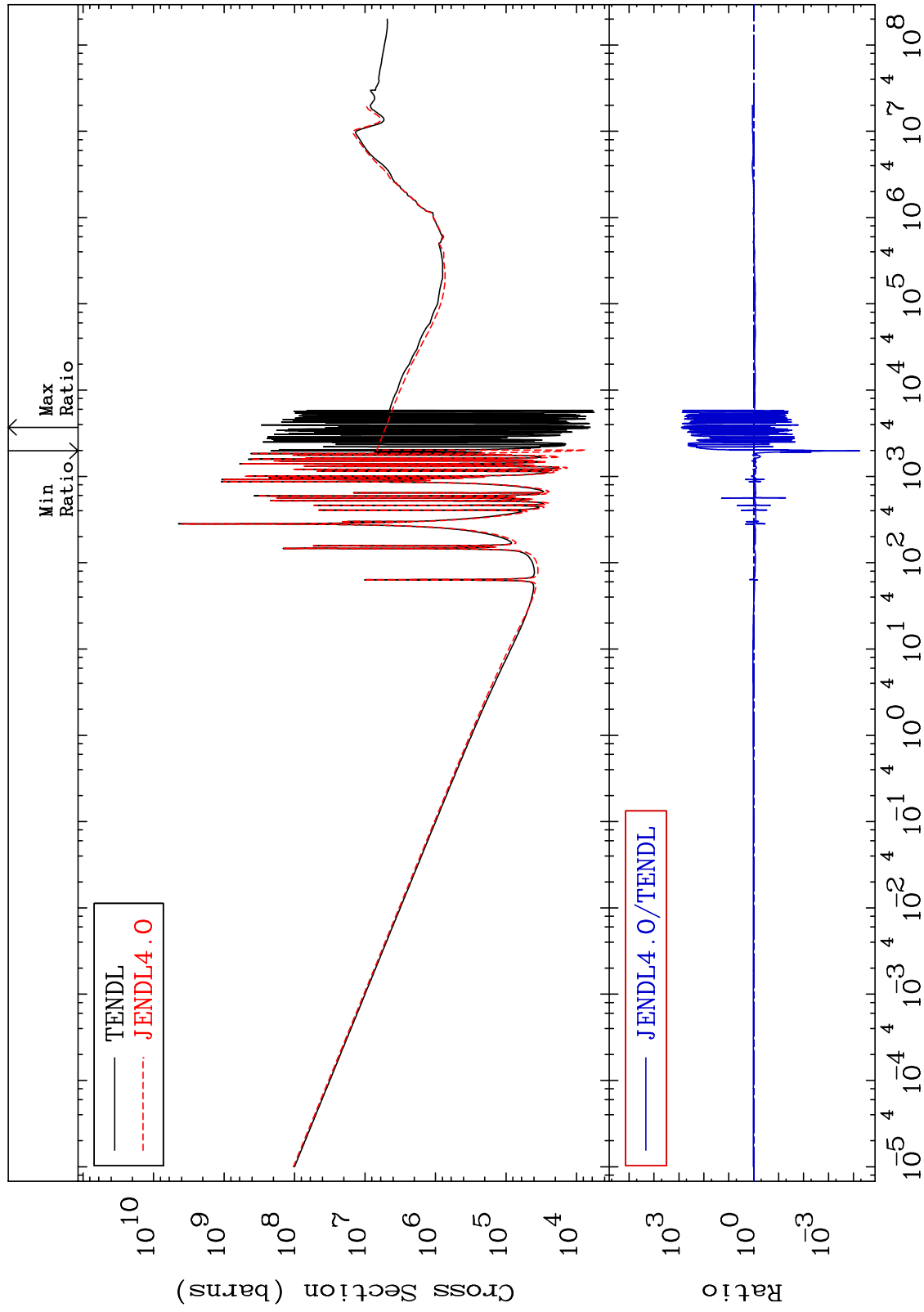
46-Pd-106  
-99.99 To 9999. %



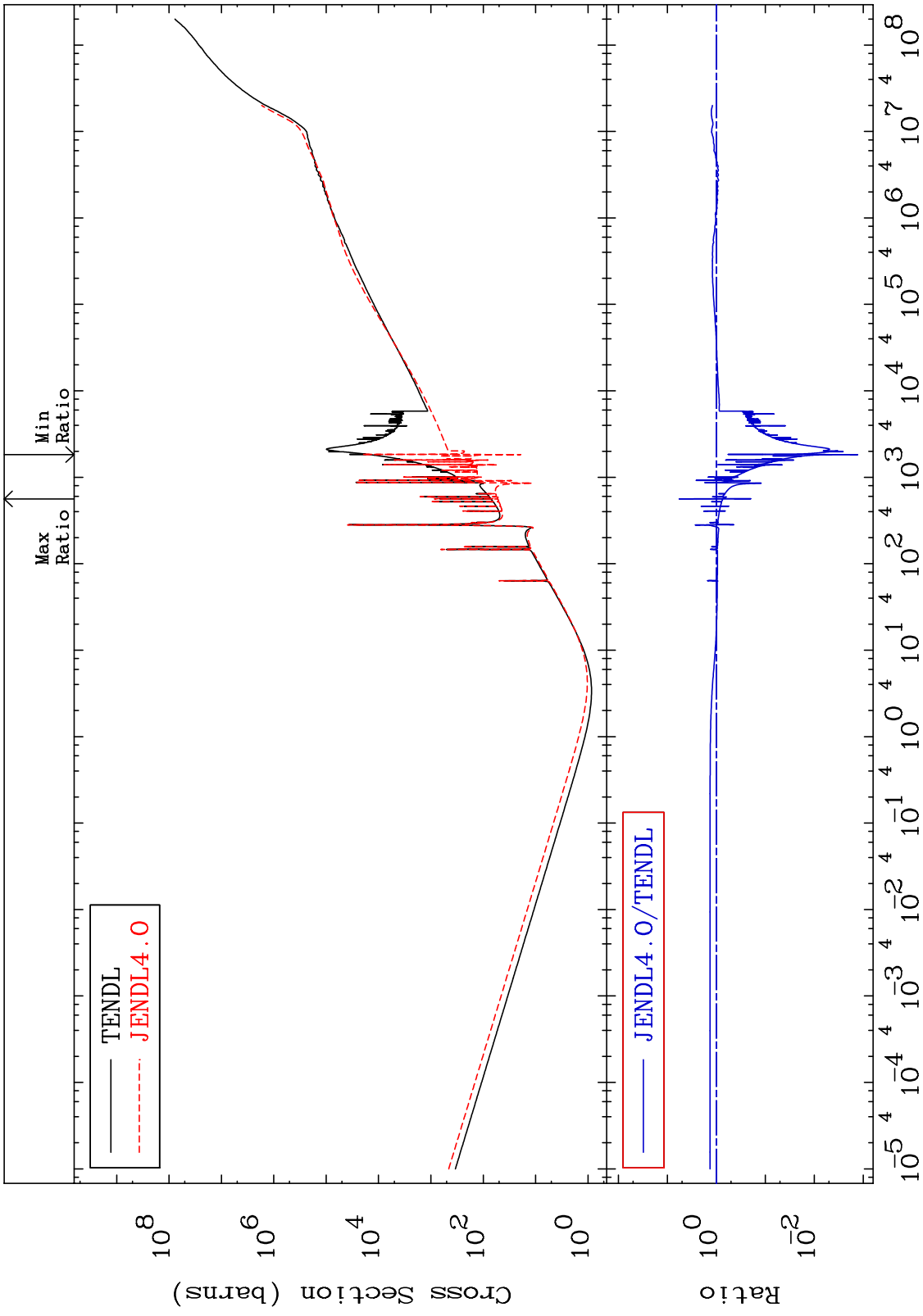
MAT 4637

Total photon (eV-barns)  
Cross Section

46-Pd-106  
-99.99 To 9999. %



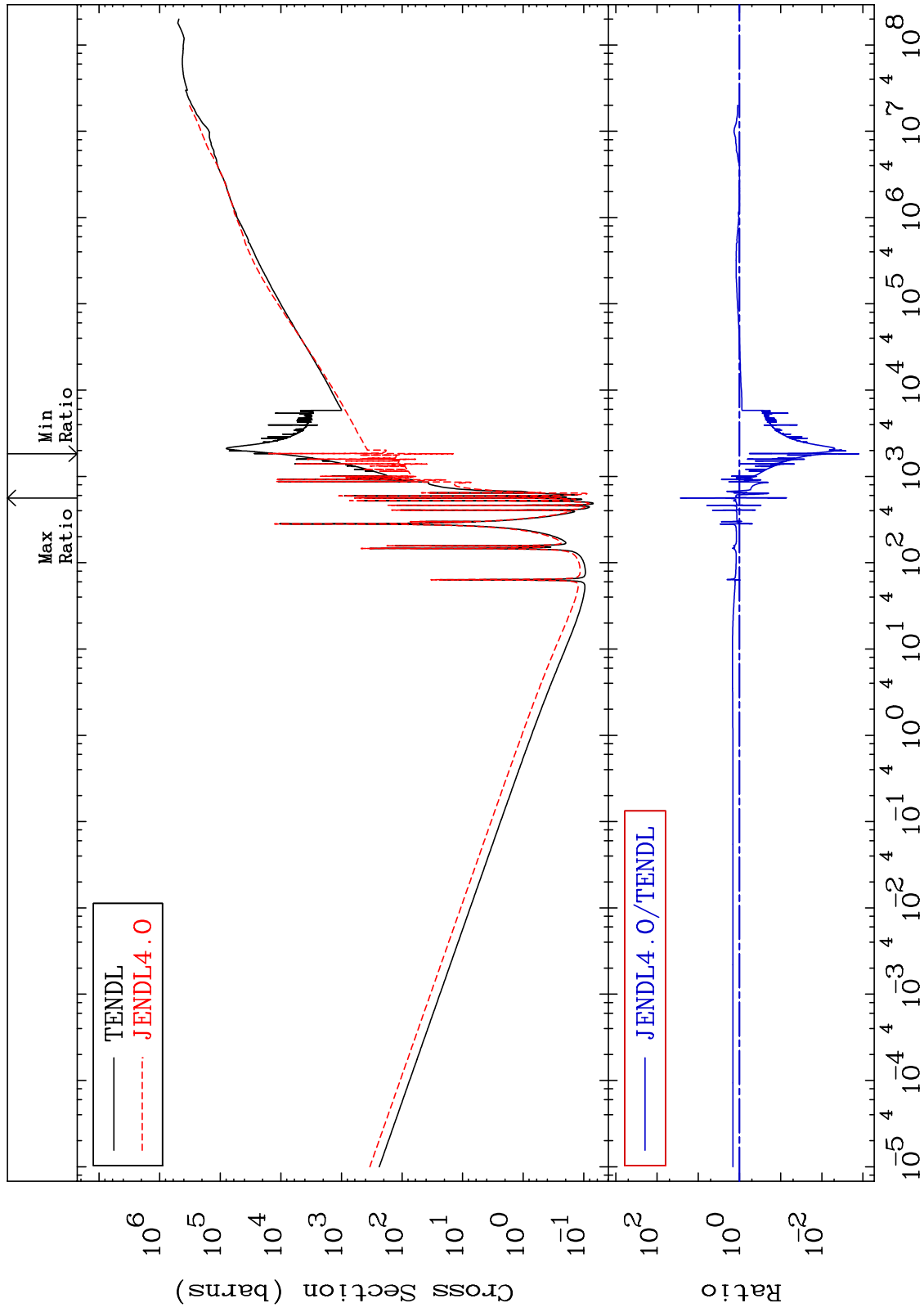
MAT 4637      Total kinematic kerma (high limit)      46-Pd-106  
 -99.87 To 477.0 %  
 Cross Section



MAT 4637

Dpa total (eV-barns)  
Cross Section

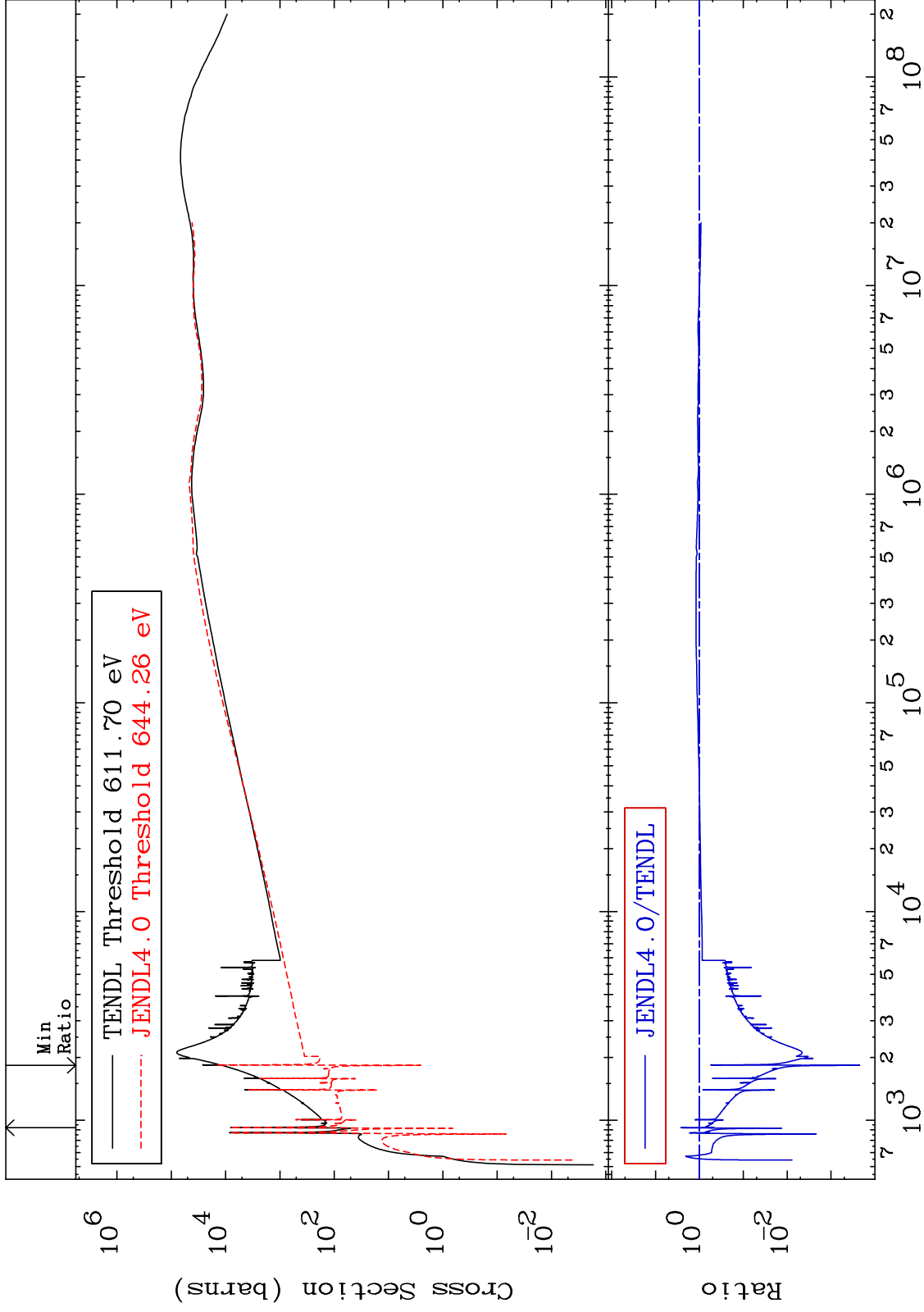
46-Pd-106  
-99.88 To 2573. %



MAT 4637

Dpa elastic (mt2)  
Cross Section

46-Pd-106  
-99.98 To 165.7 %



60

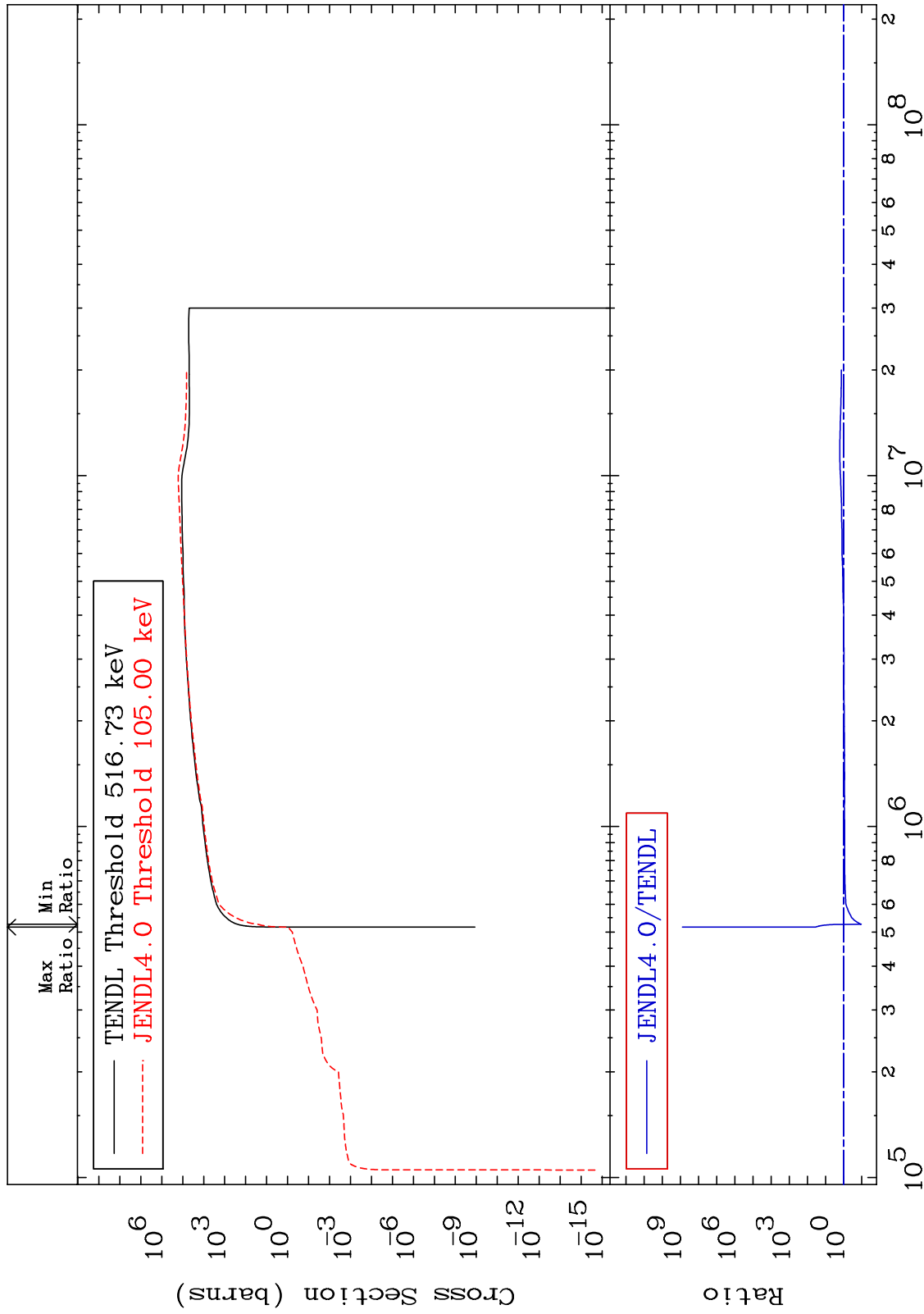
Incident Energy (eV)

46-Pd-106

MAT 4637

Dpa inelastic (mt51-91)  
Cross Section

46-Pd-106  
-89.37 To 9999. %



61

Incident Energy (eV)

46-Pd-106

MAT 4637      Dpa disappearance (mt102 -120)      46-Pd-106  
 Cross Section      -99.99 To 9999. %

