

Program Complot  
(Version 2018-1)

by

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(Present Contact Information)

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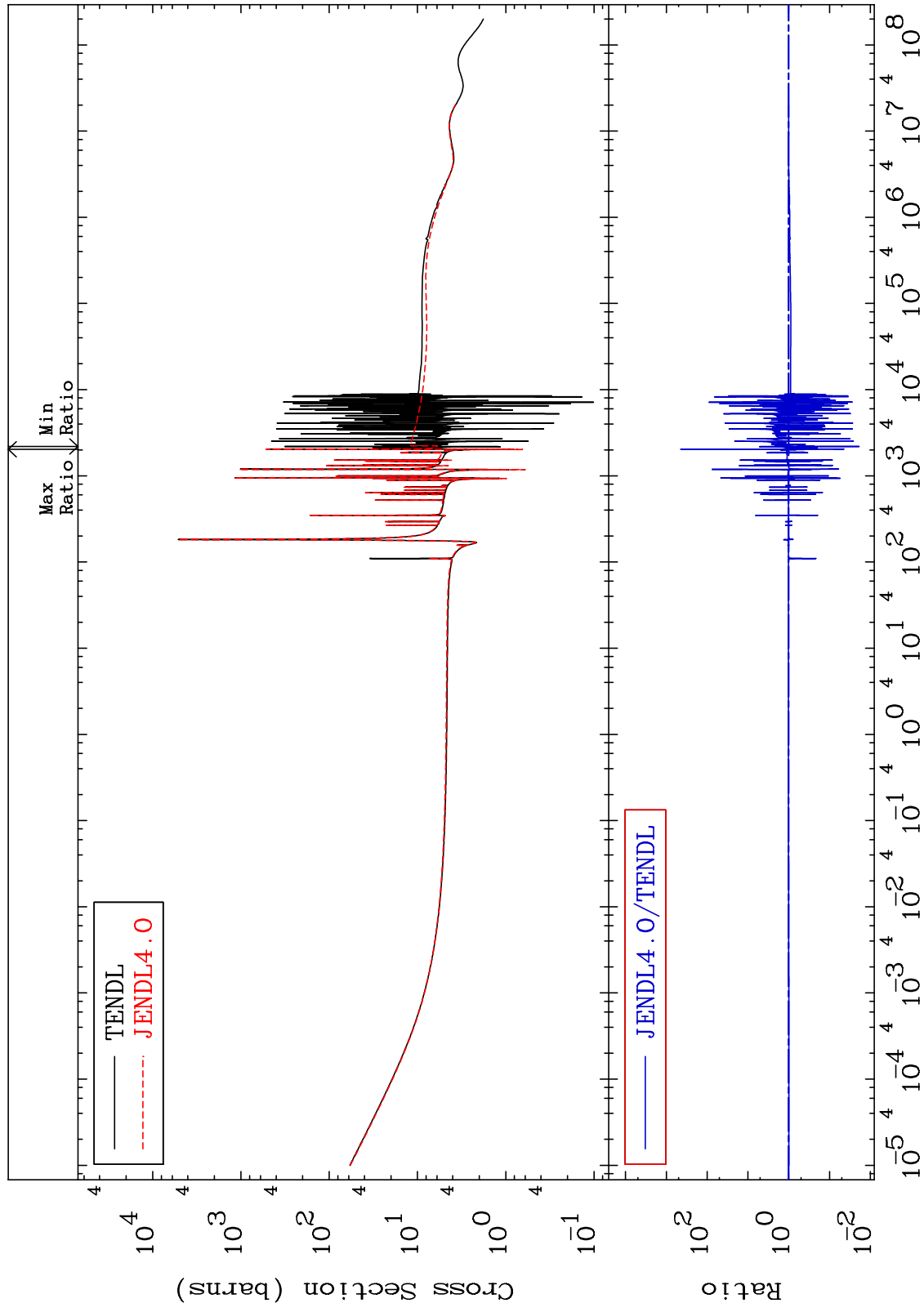
U.S.A.

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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 4631 Total Cross Section 46-Pd-104 -98.11 To 9999. %

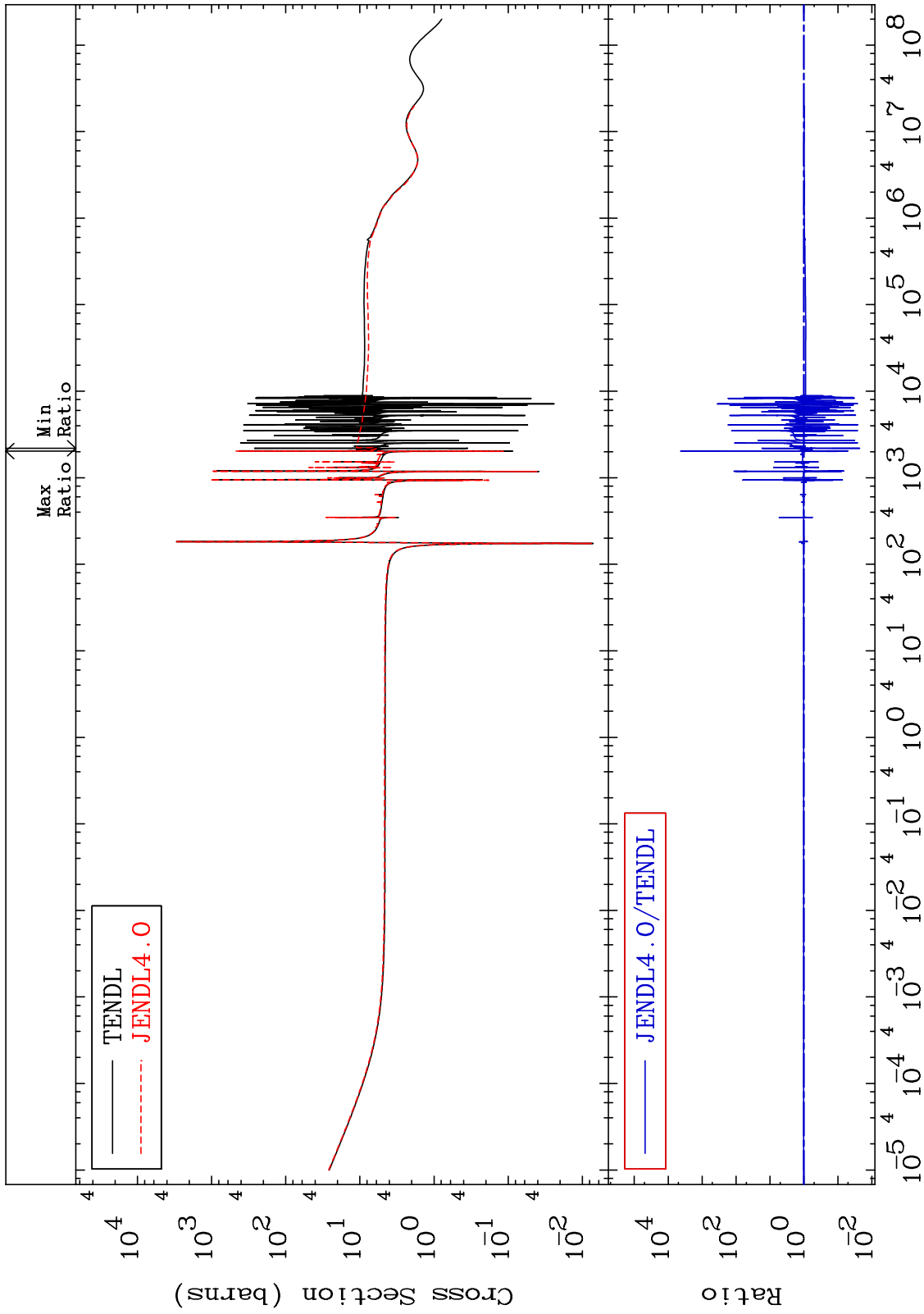


1 Incident Energy (eV) 46-Pd-104

MAT 4631

Elastic  
Cross Section

46-Pd-104  
-97.72 To 9999. %



2

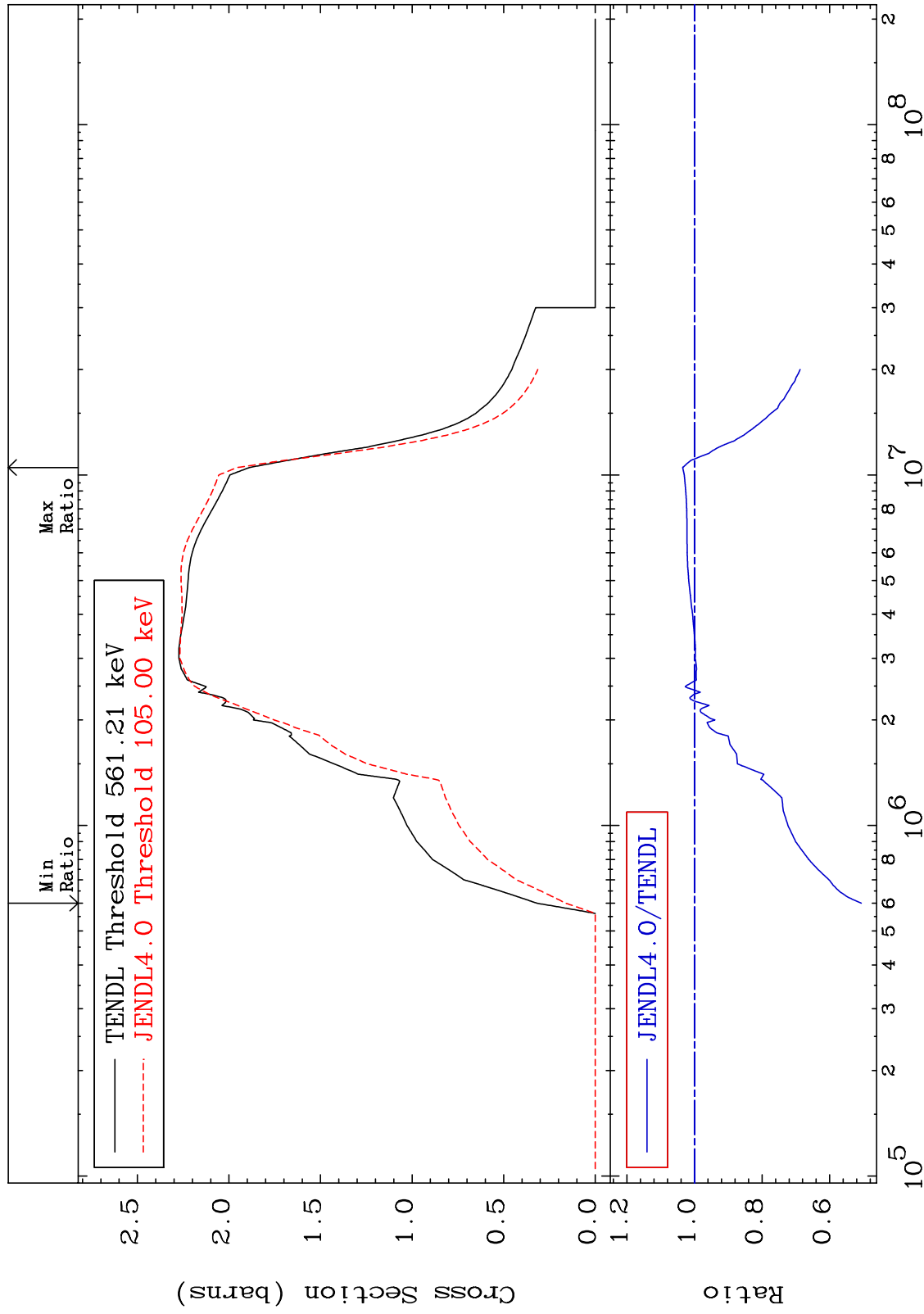
Incident Energy (eV)

46-Pd-104

MAT 4631

Inelastic  
Cross Section

46-Pd-104  
-49.37 To 3.507 %



Incident Energy (eV)

46-Pd-104

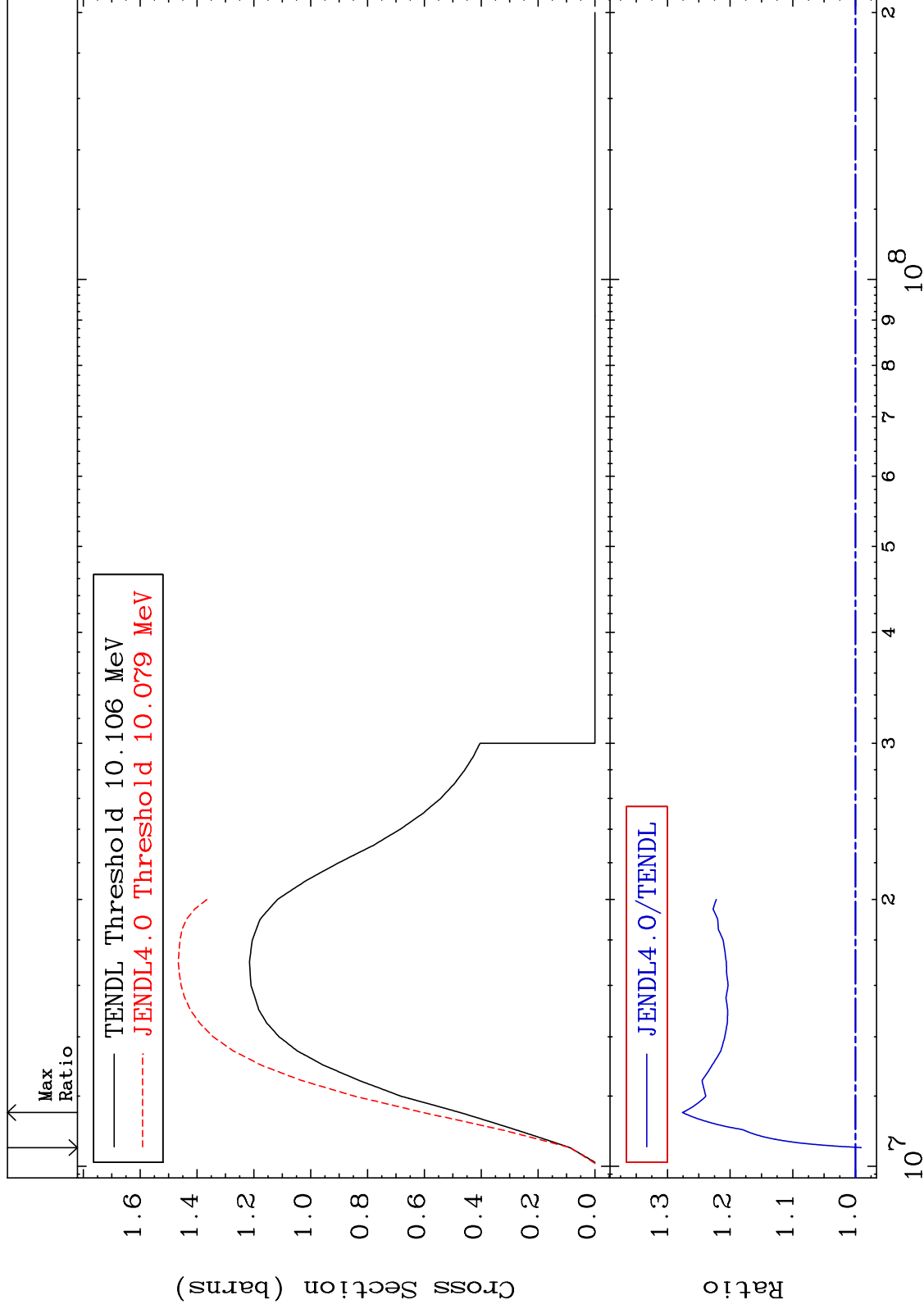
MAT 4631

(n,2n)

46-Pd-104

Cross Section

-0.930 To 27.61 %



46-Pd-104

46-Pd-104

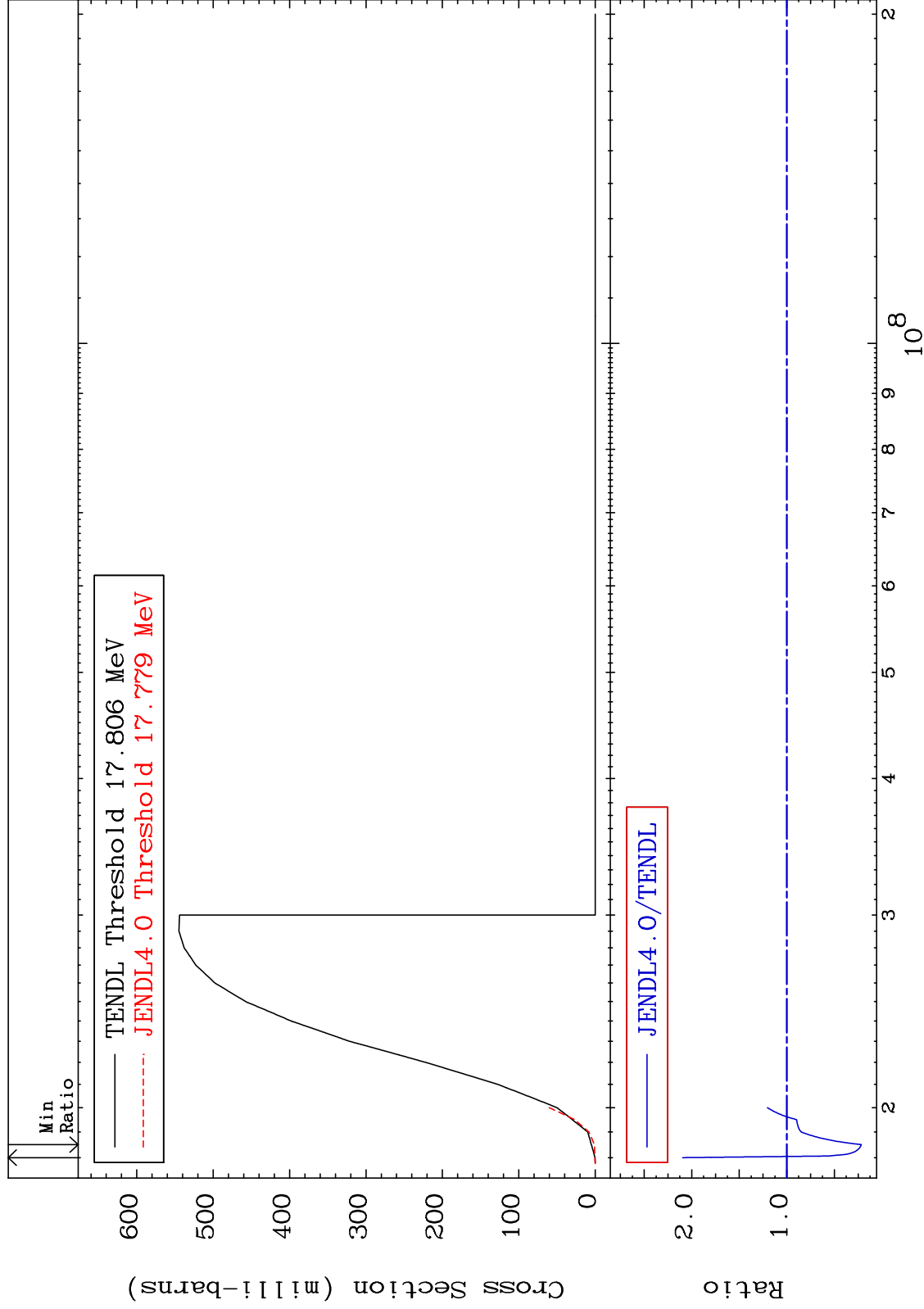
MAT 4631

(n,3n)

46-Pd-104

Cross Section

-78.38 To 109.5 %

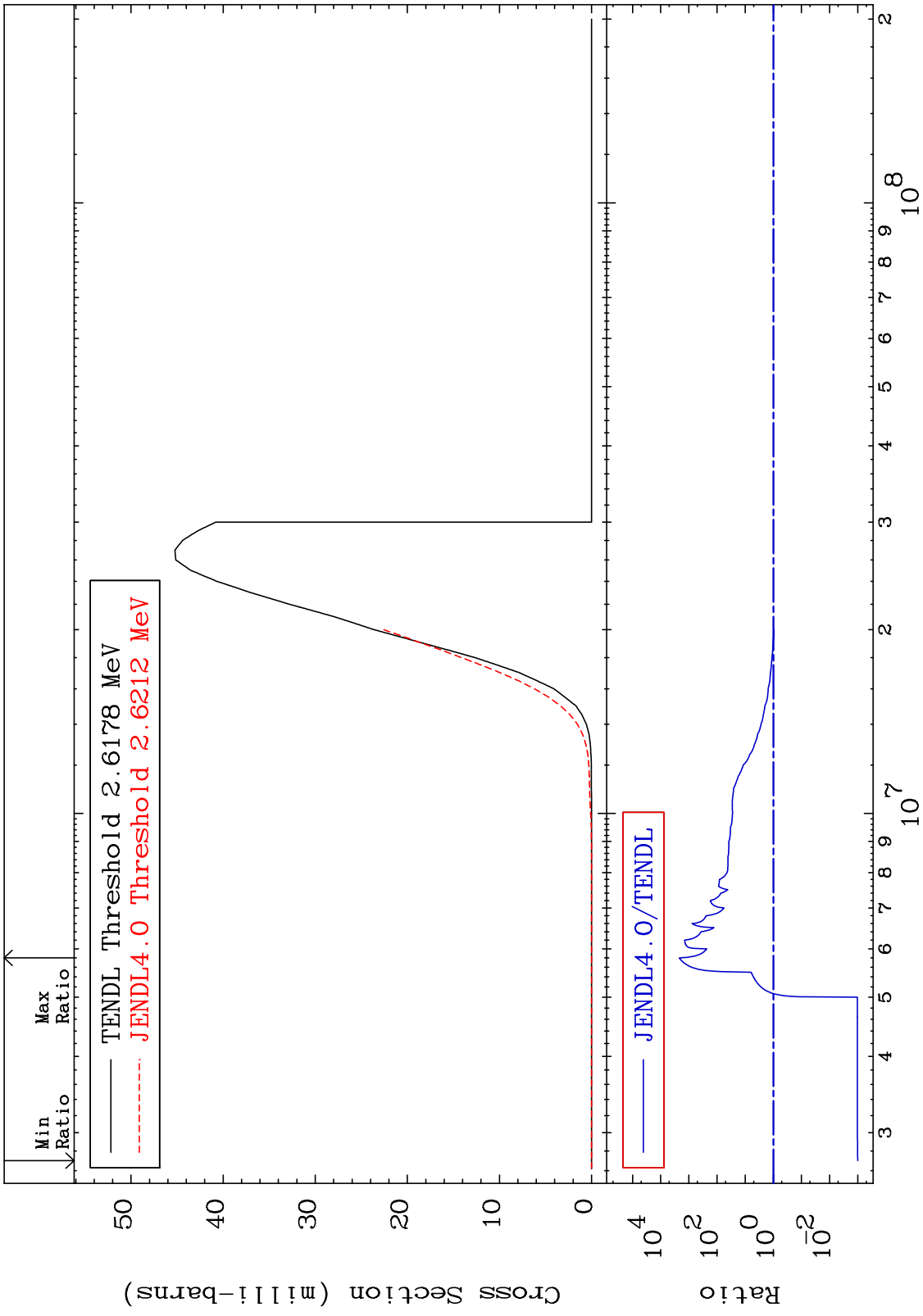


5

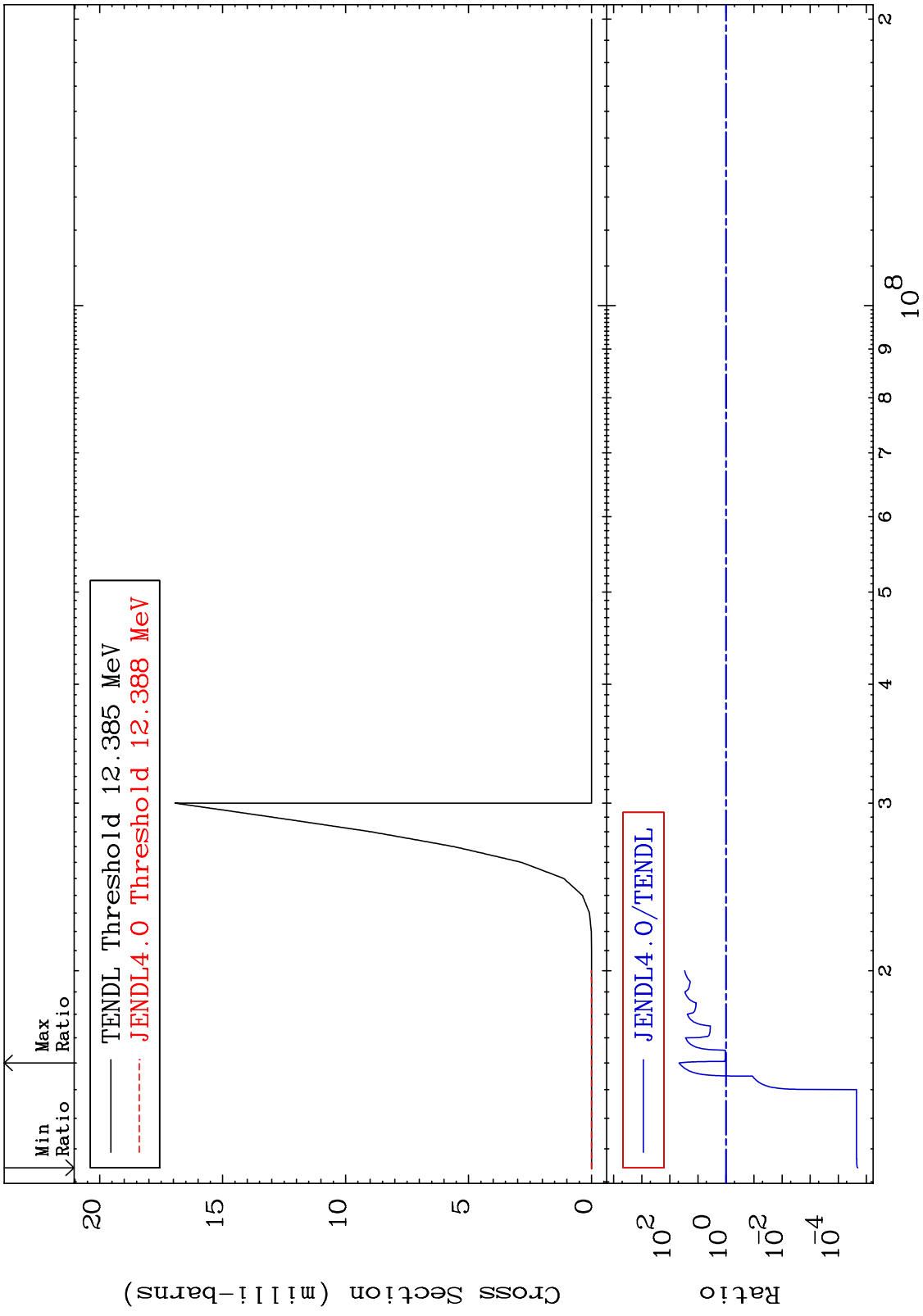
Incident Energy (eV)

46-Pd-104

MAT 4631  $(n, n') \alpha$  46-Pd-104  
 Cross Section -99.90 To 9999. %

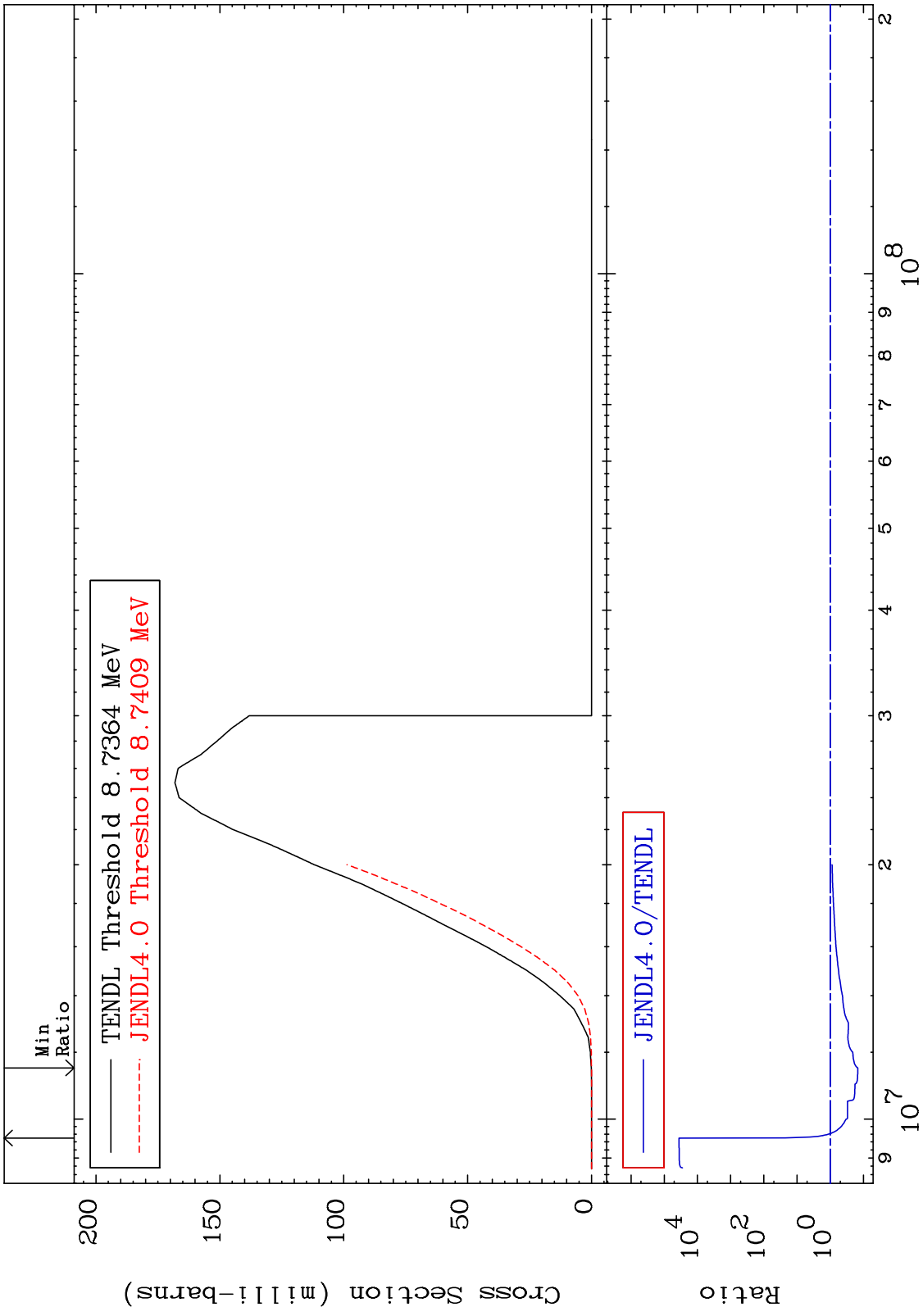


MAT 4631 (n,2n)  $\alpha$  46-Pd-104  
 Cross Section -100.0 To 4605. %





MAT 4631 (n,n') p 46-Pd-104  
Cross Section -85.24 To 9999. %



8 9 10<sup>7</sup> 2 3 4 5 6 7 8 9 10<sup>8</sup> 2  
Ratio Incident Energy (eV) 46-Pd-104

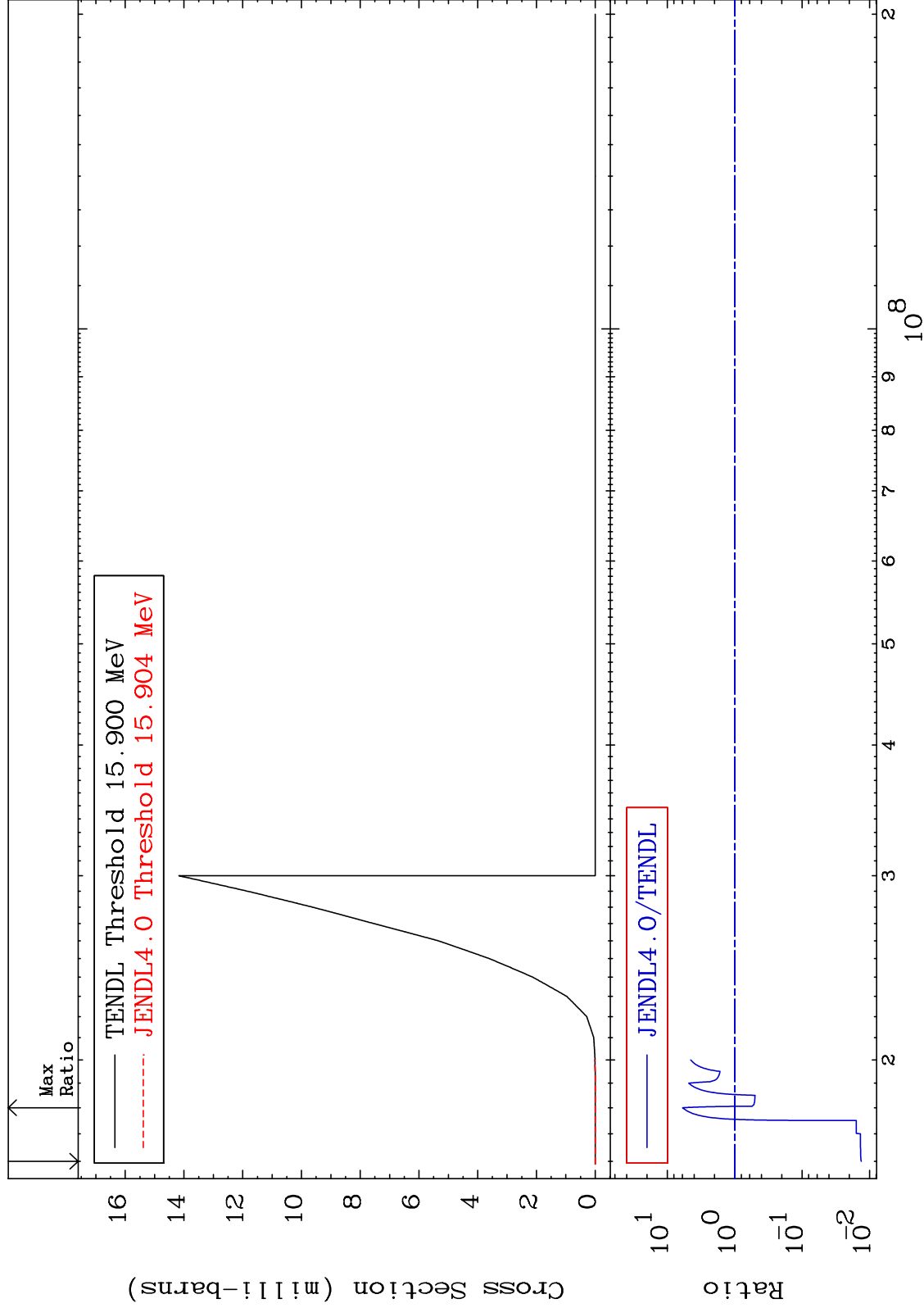
MAT 4631

(n,n') d

46-Pd-104

Cross Section

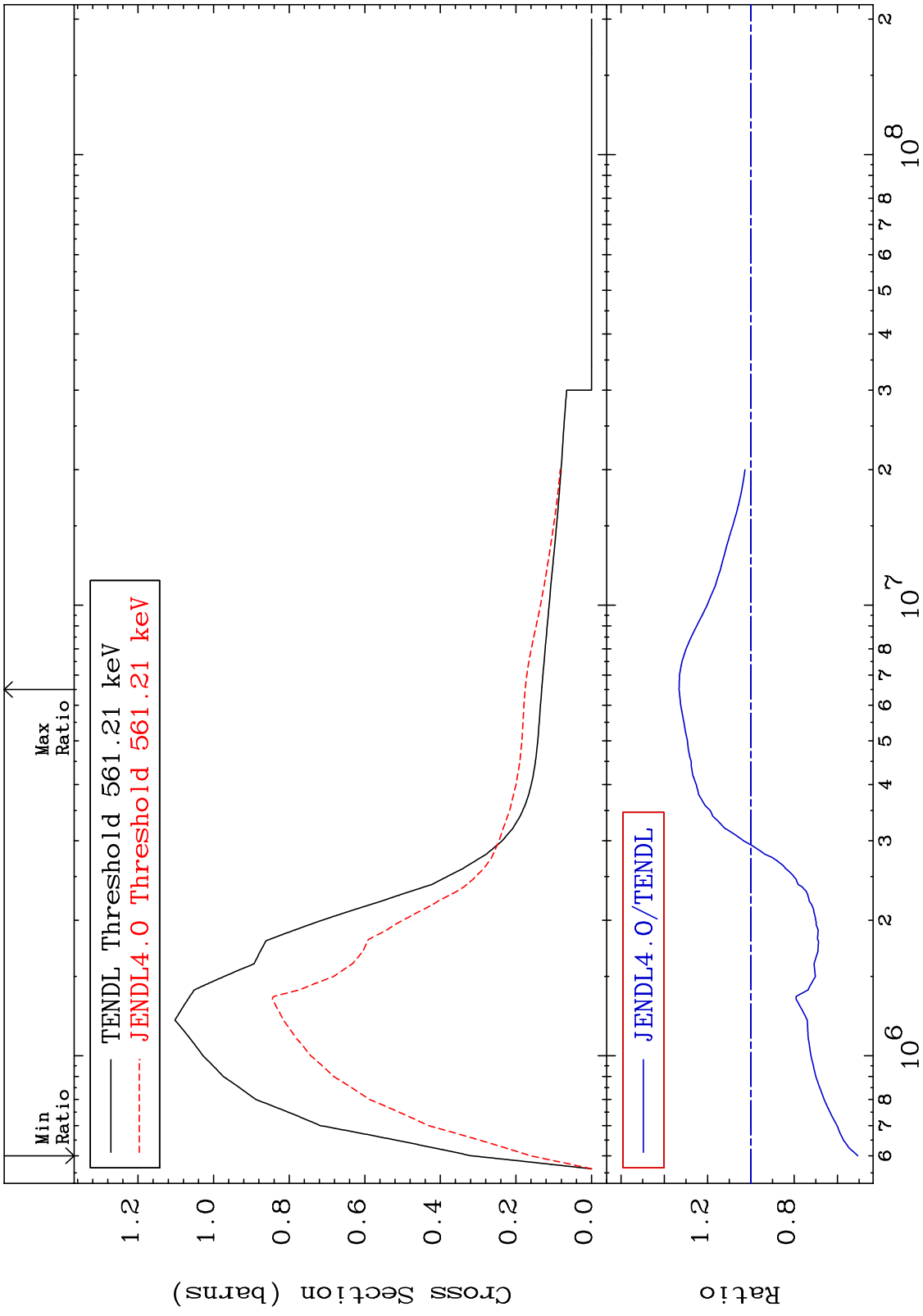
-98.68 To 492.2 %



9

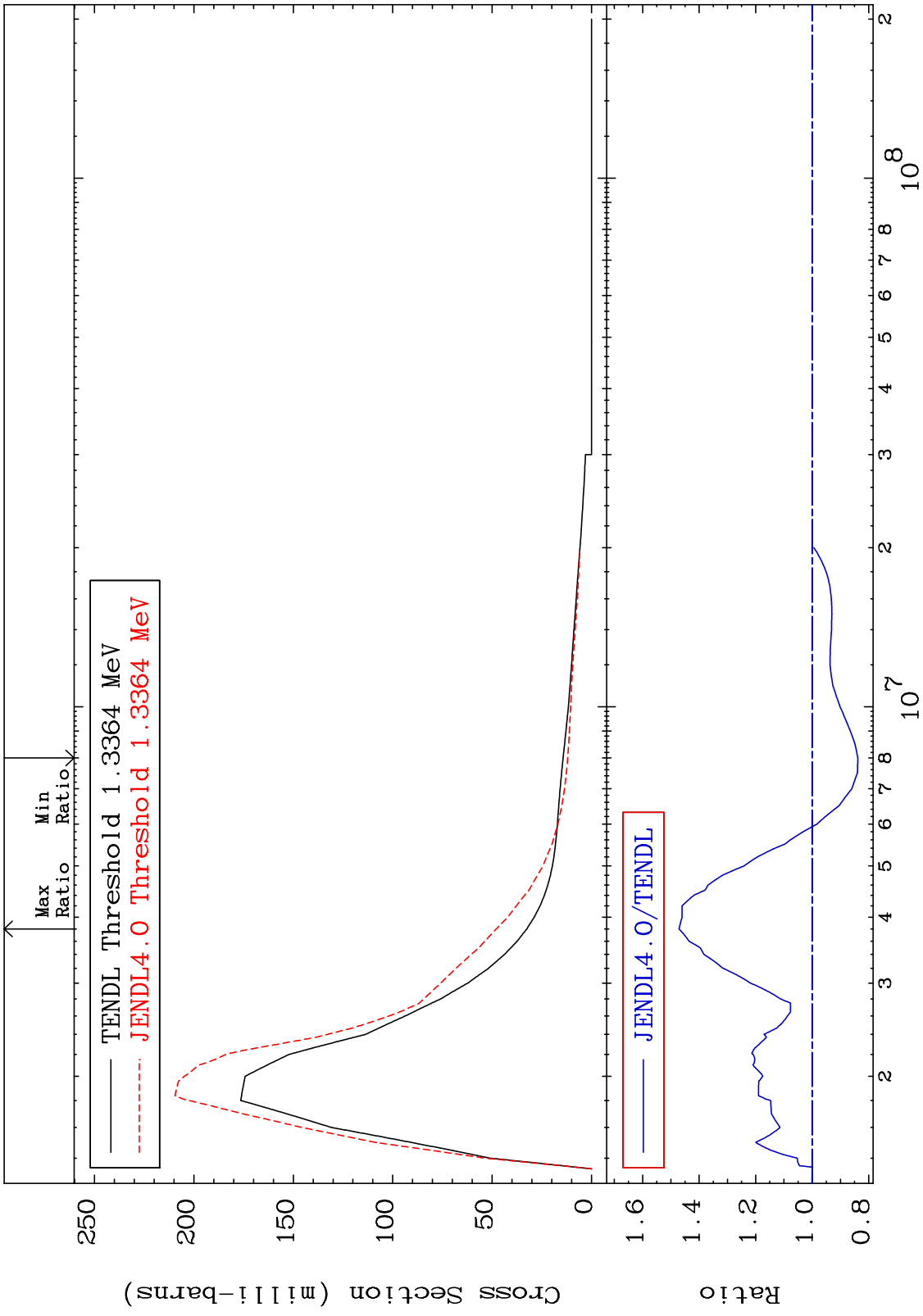
46-Pd-104

MAT 4631      MT= 51 (n,n') Level      46-Pd-104  
 Cross Section      -49.43 To 33.23 %

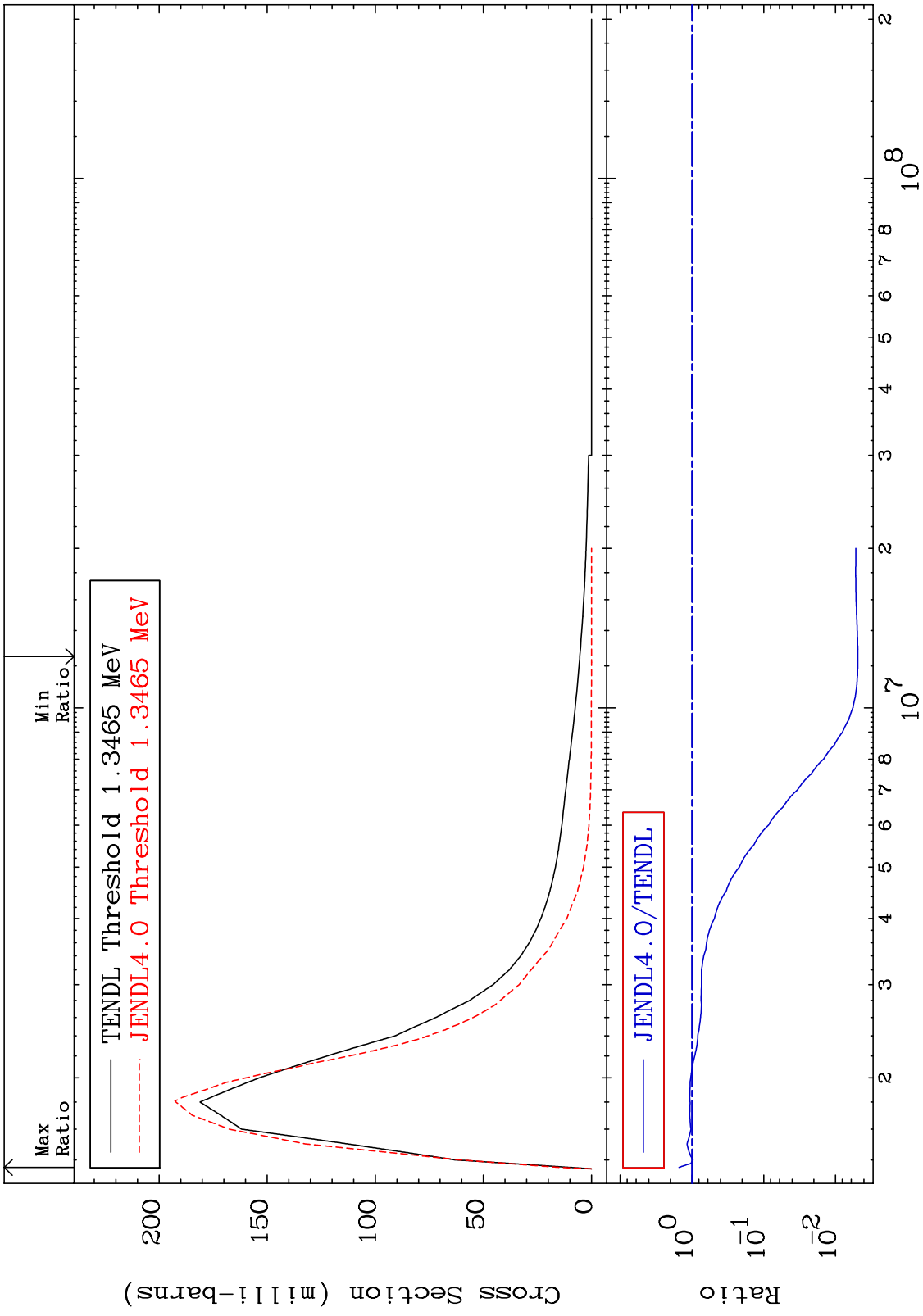


10      Incident Energy (eV)      46-Pd-104

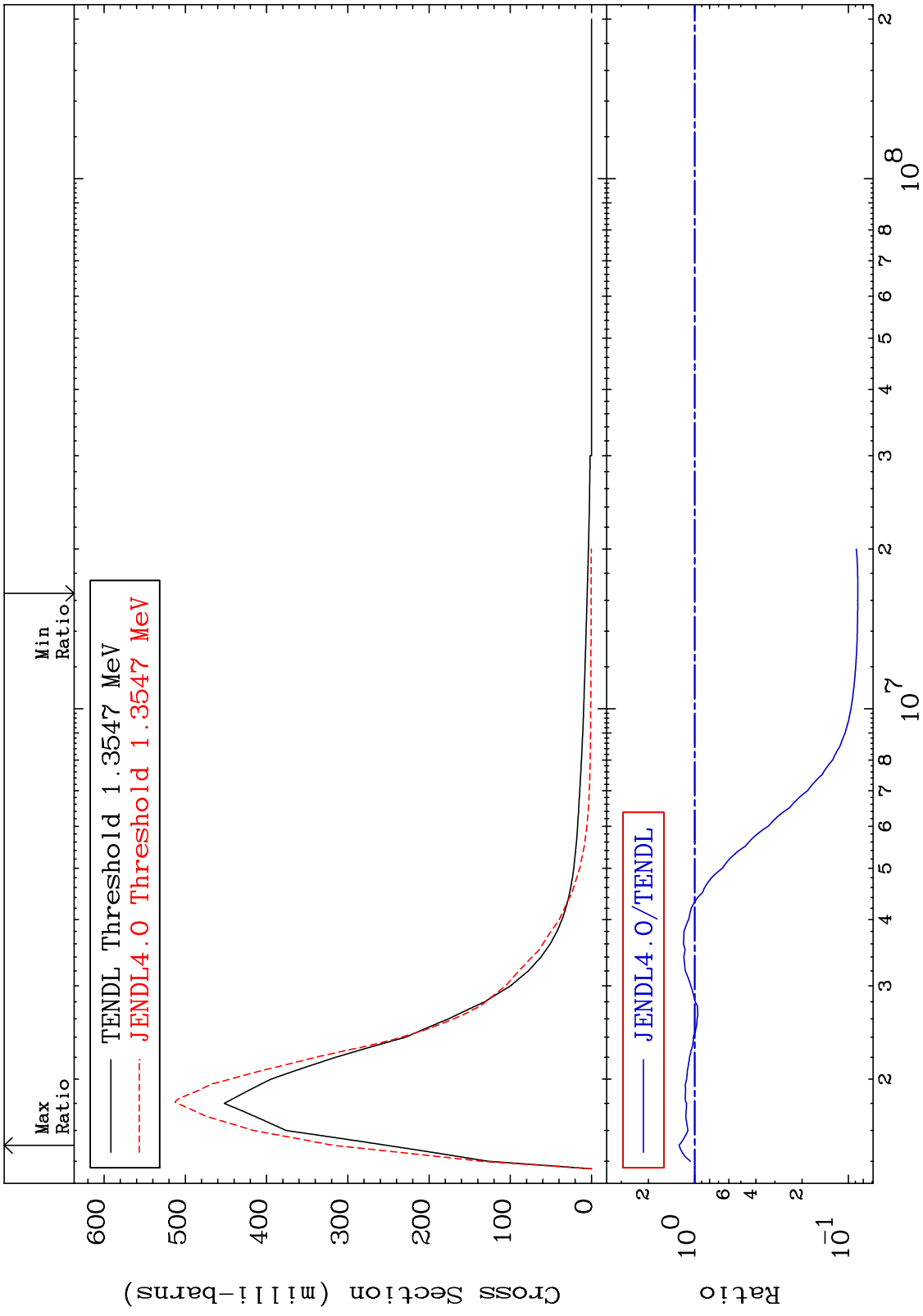
MAT 4631 MT= 52 (n,n') Level Cross Section 46-Pd-104  
 -16.15 To 47.11 %



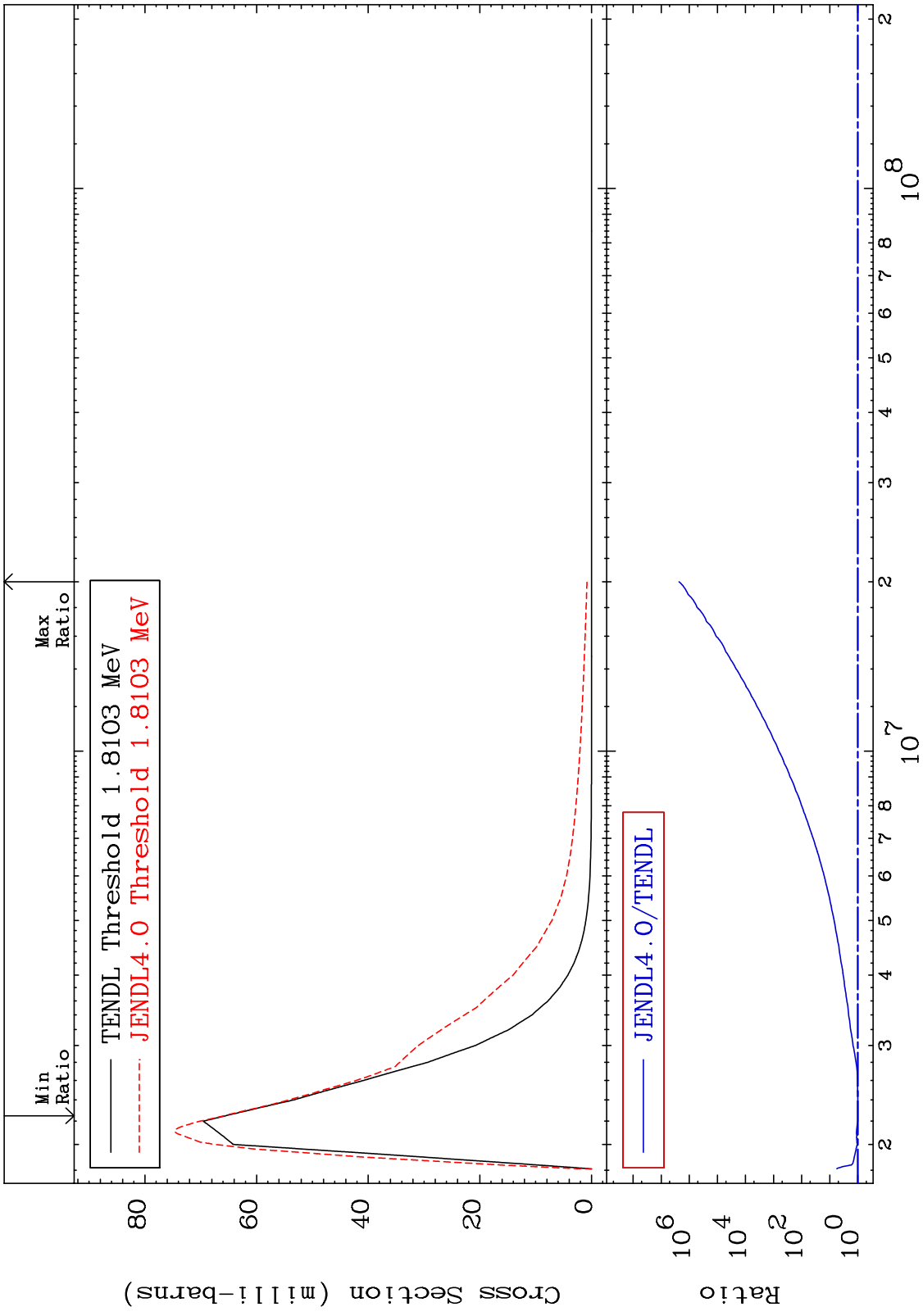
MAT 4631 MT= 53 (n,n') Level Cross Section 46-Pd-104 -99.51 To 51.54 %



MAT 4631      MT= 54 (n,n') Level      46-Pd-104  
 Cross Section      -91.32 To 26.35 %



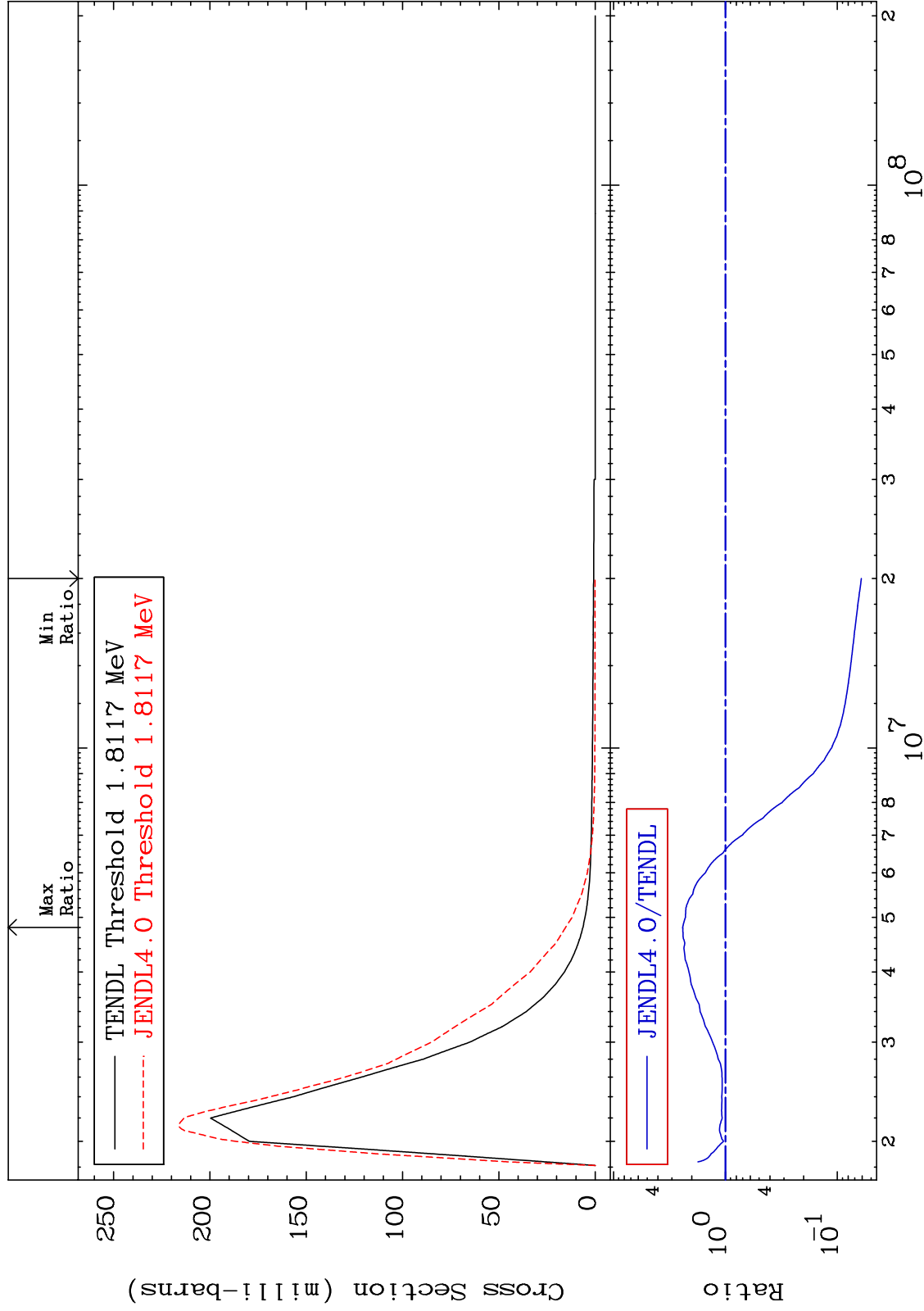
MAT 4631 MT= 55 (n,n') Level Cross Section 46-Pd-104  
 0.447 To 9999. %



MAT 4631

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

46-Pd-104  
-93.89 To 140.9 %



15

Incident Energy (eV)

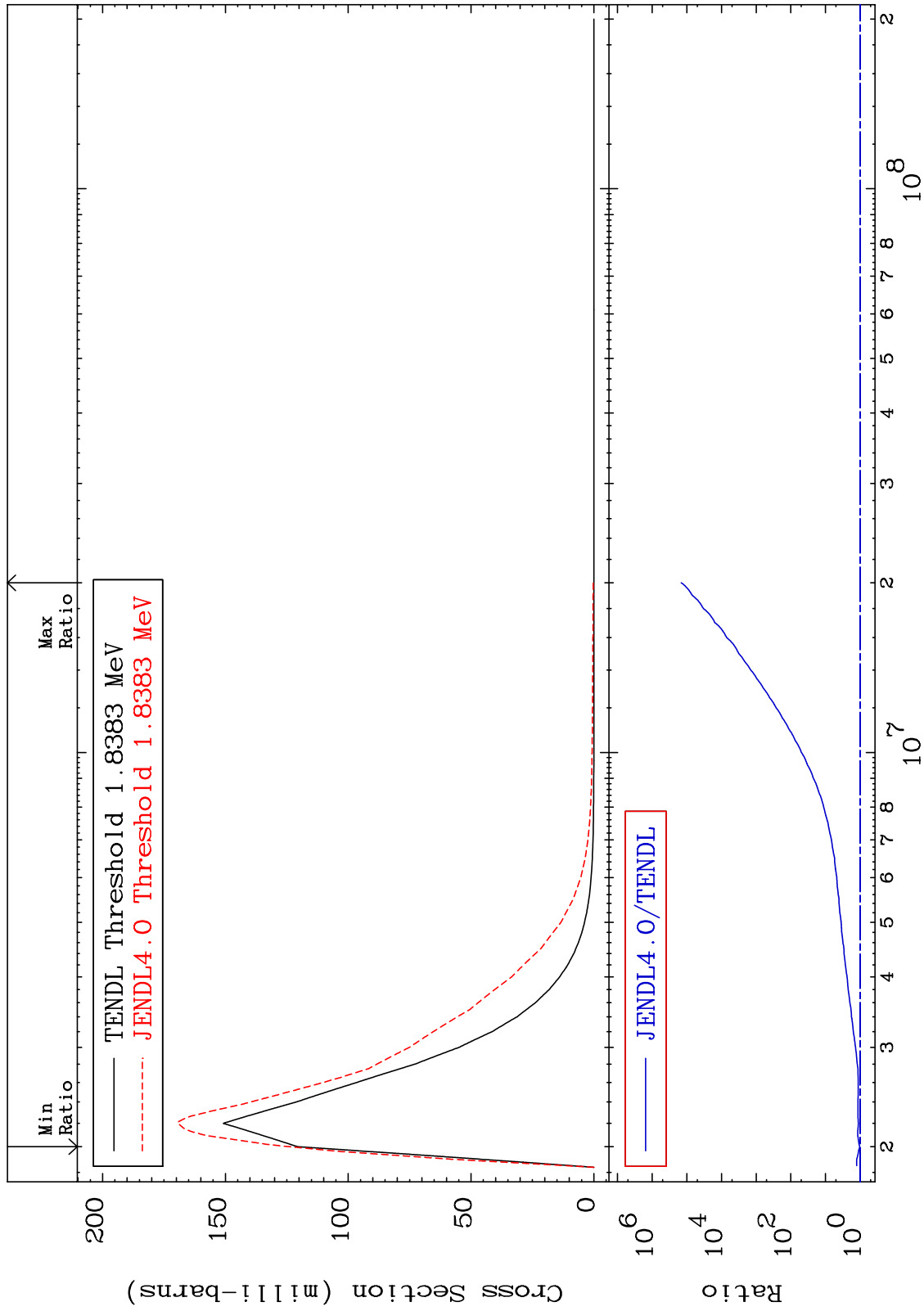
46-Pd-104



MAT 4631

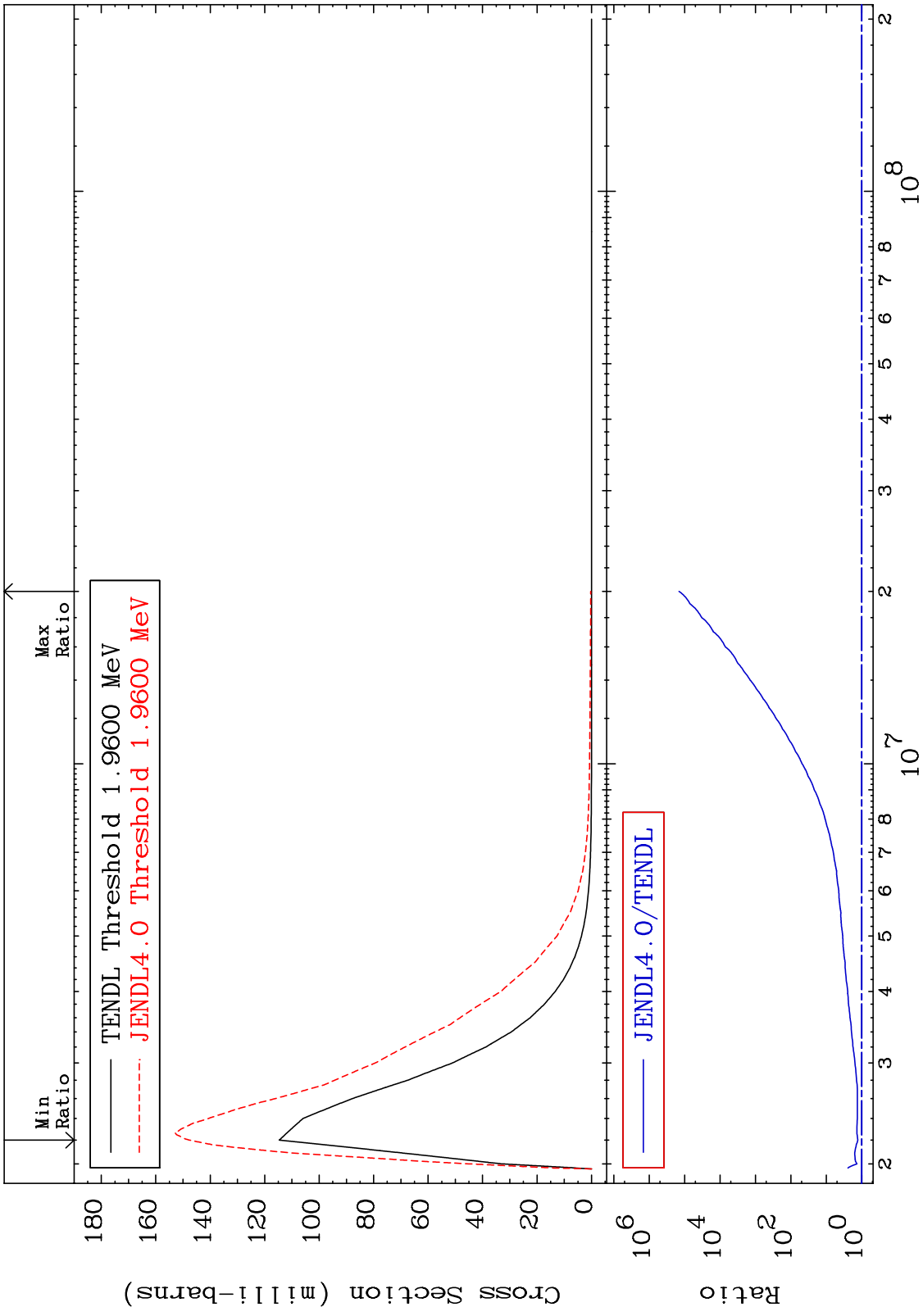
MT= 57 (n,n') Level  
Cross Section

46-Pd-104  
2.844 To 9999. %



16

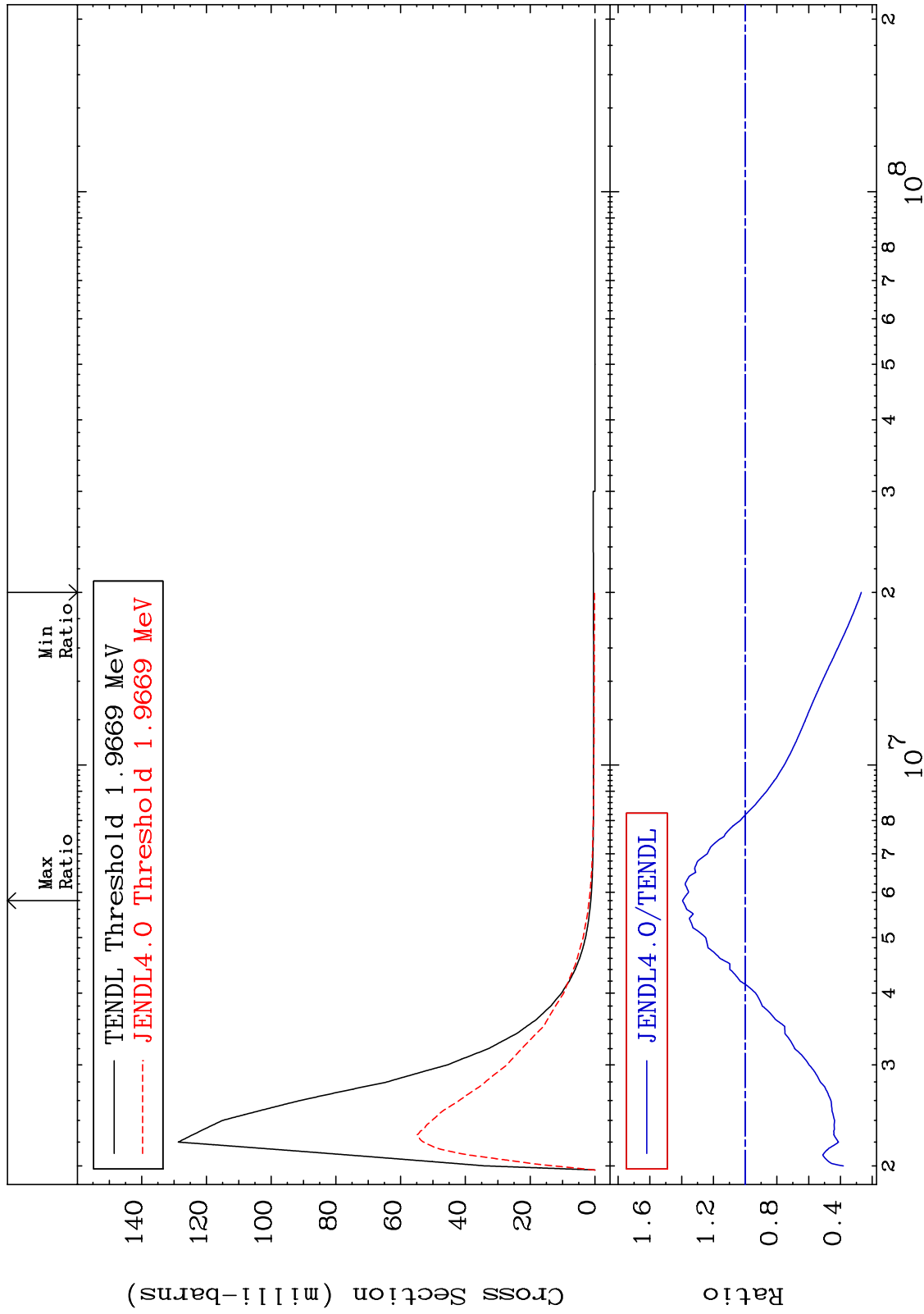
MAT 4631      MT= 58 (n,n') Level Cross Section      28.81      46-Pd-104 To 9999. %



MAT 4631

MT= 59 (n,n') Level  
Cross Section

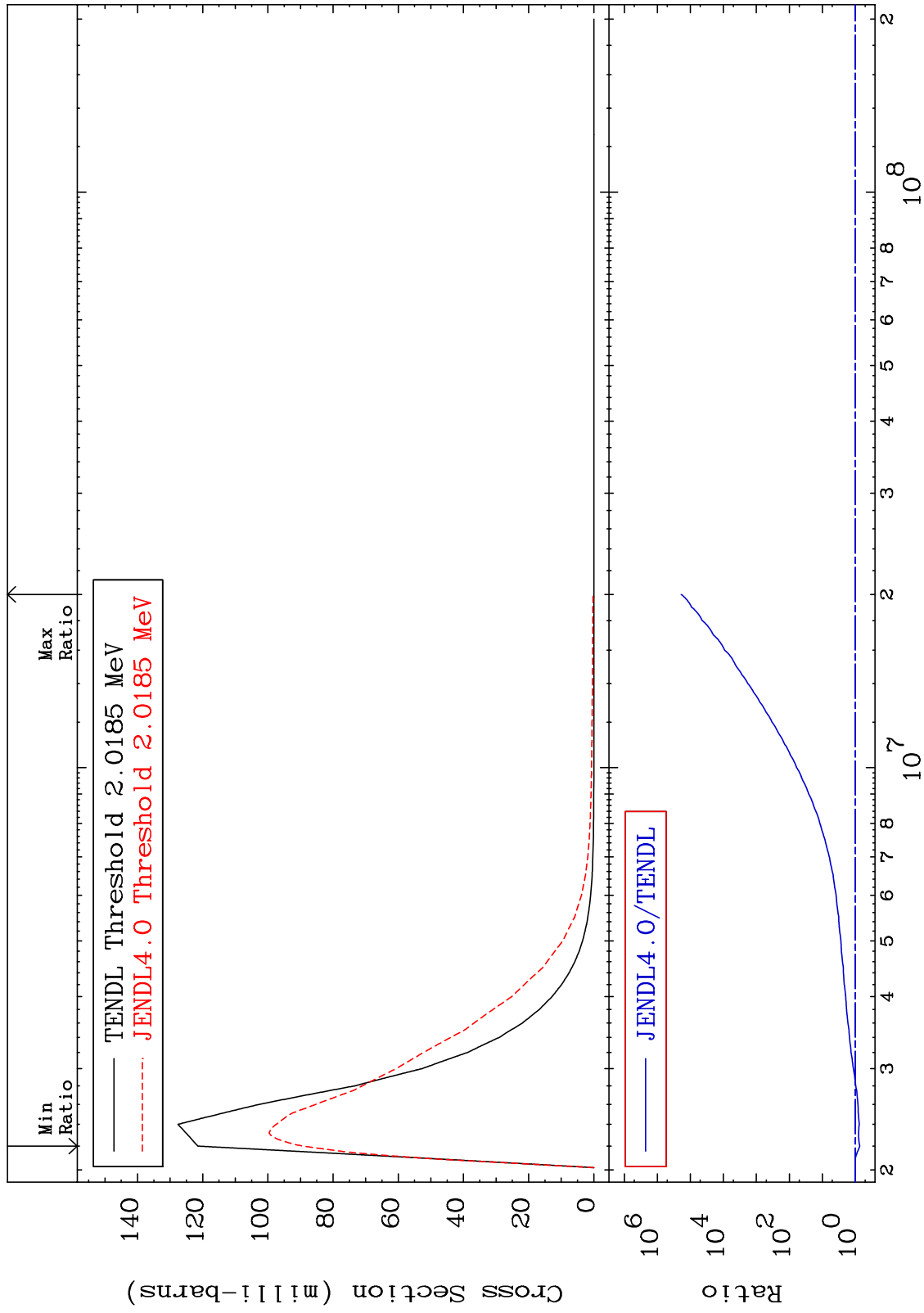
46-Pd-104  
-73.12 To 39.49 %



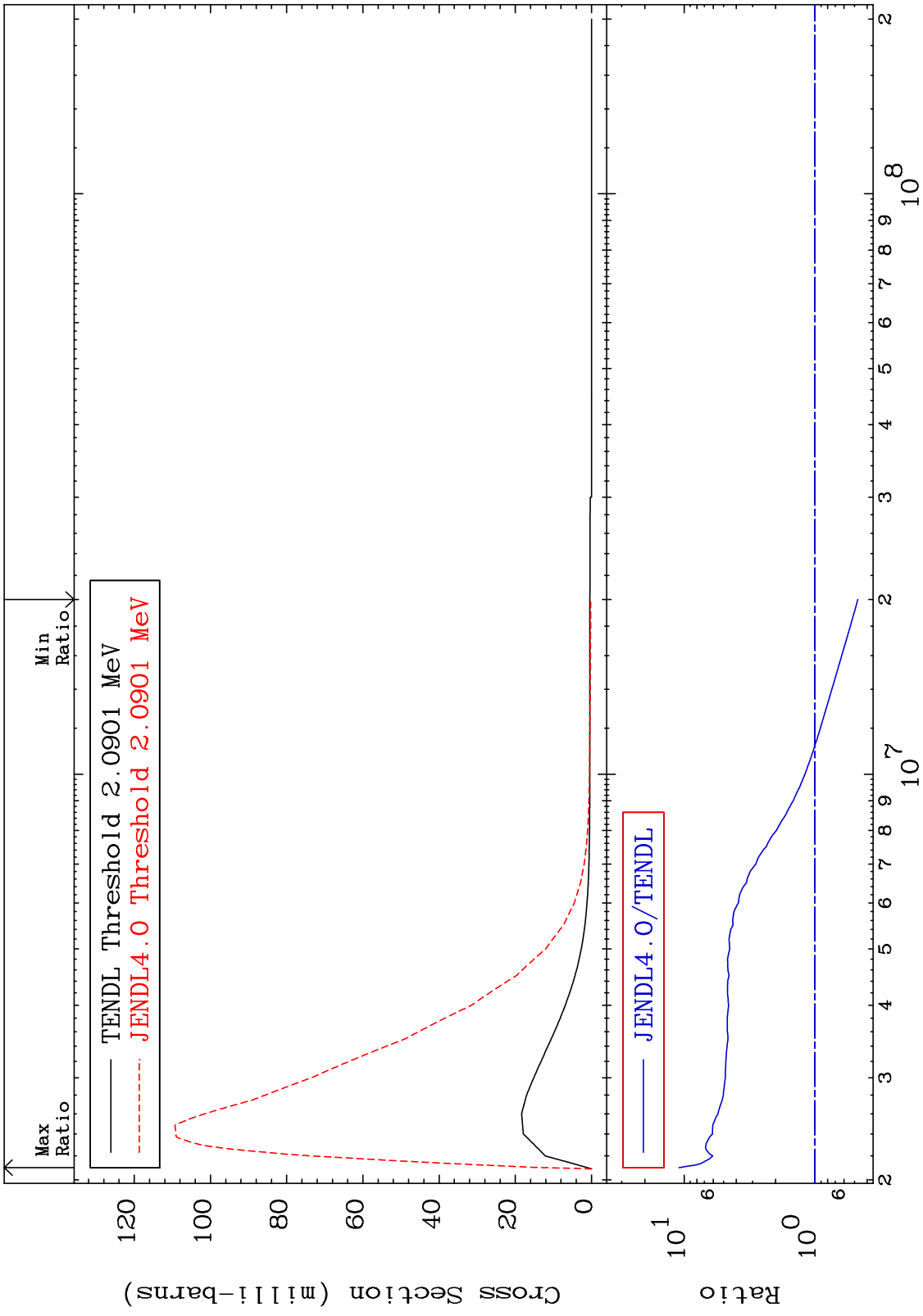
MAT 4631

MT= 60 (n,n') Level  
Cross Section

46-Pd-104  
-26.61 To 9999. %



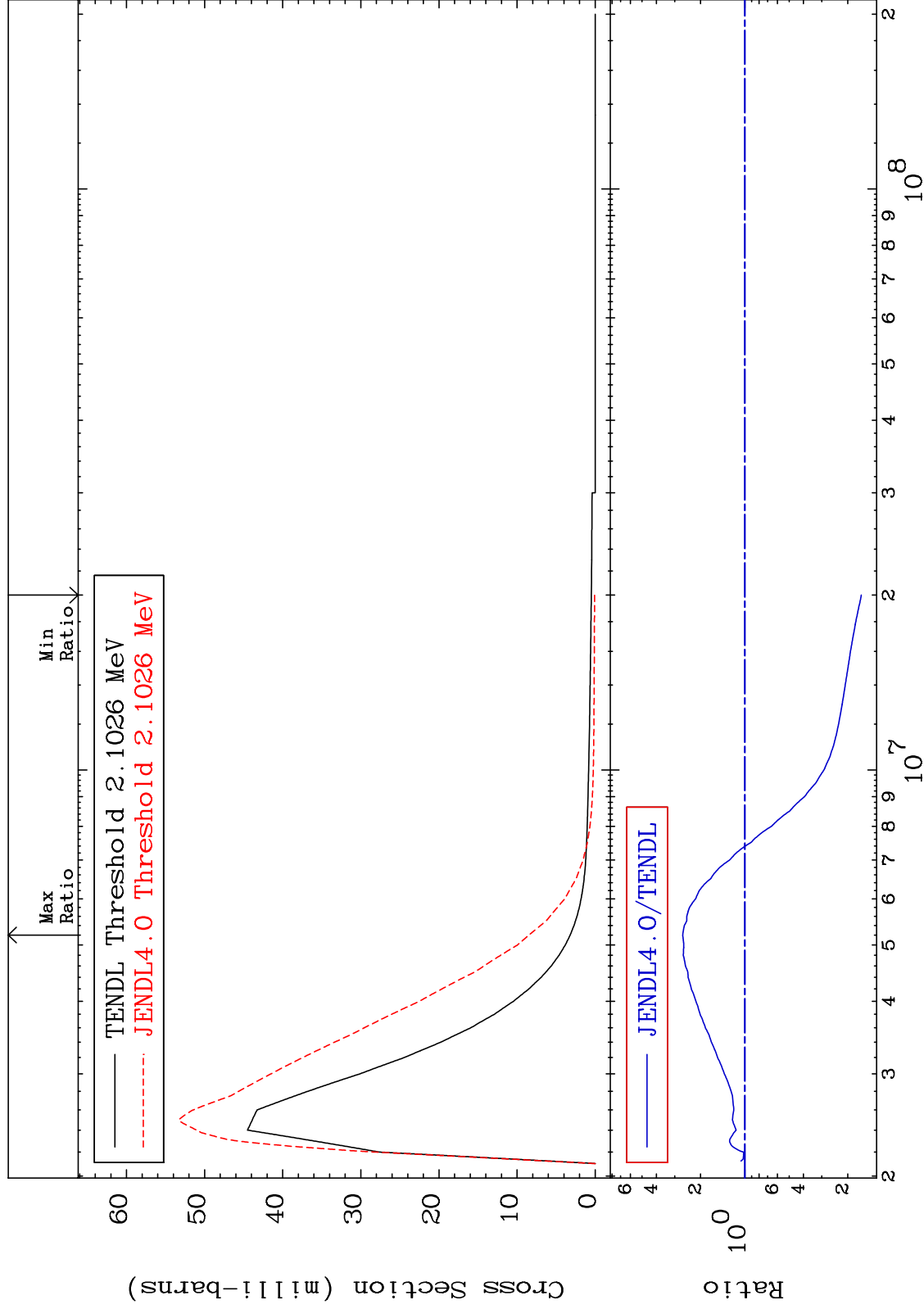
MAT 4631      MT= 61 (n,n') Level Cross Section      46-Pd-104  
 -52.93 To 994.3 %



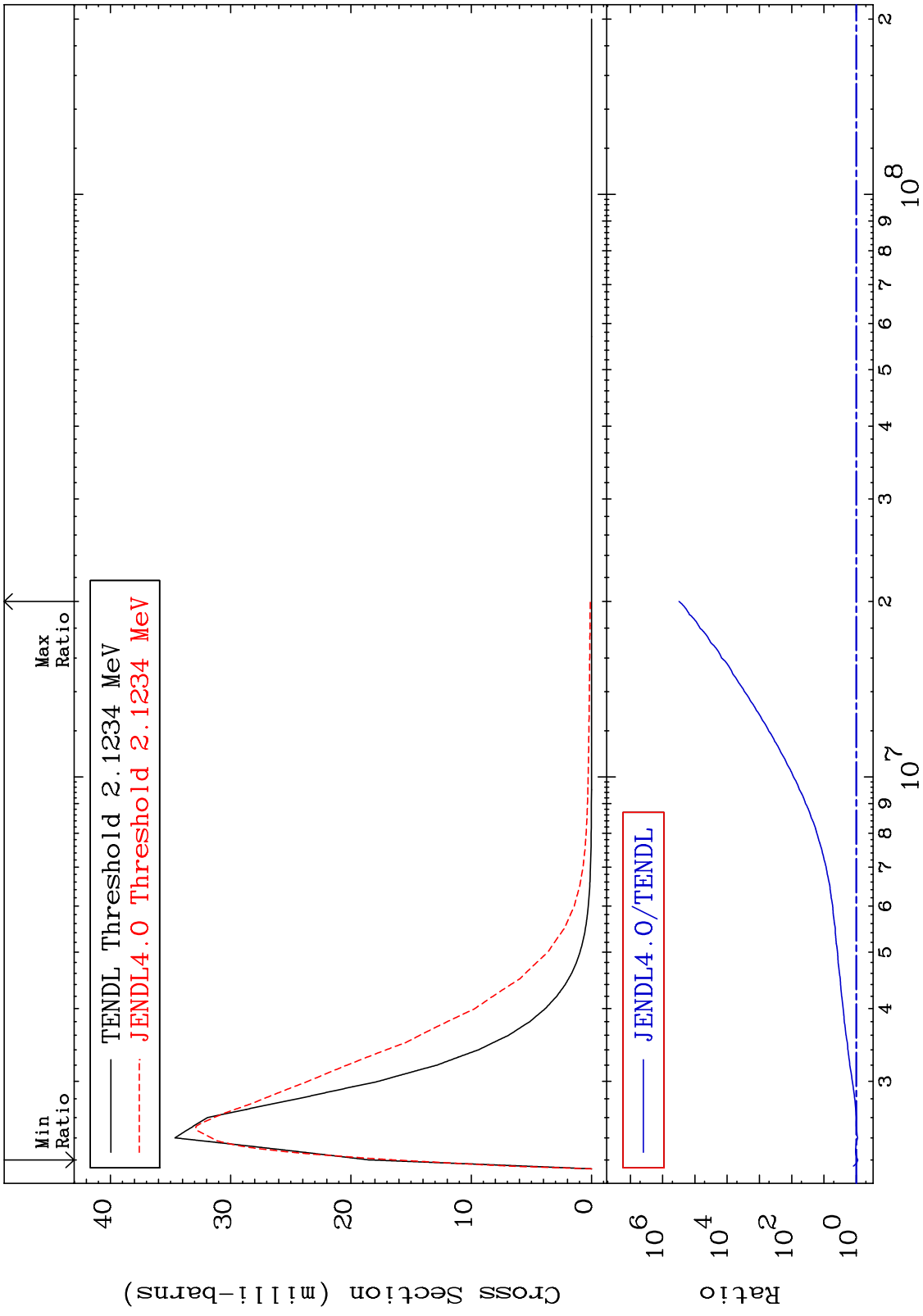
MAT 4631

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

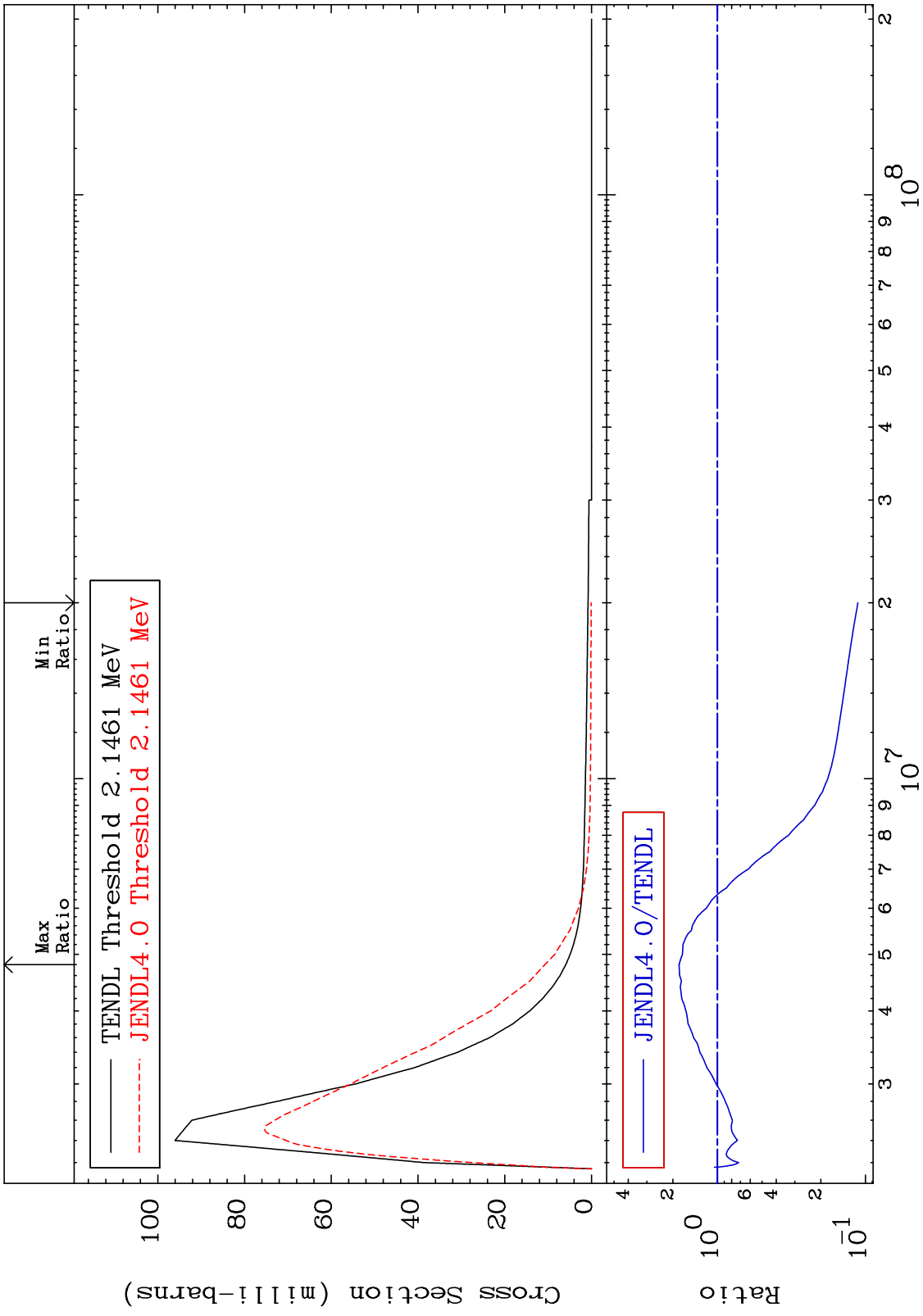
46-Pd-104  
-83.84 To 164.7 %



MAT 4631      MT= 63 (n,n') Level Cross Section      46-Pd-104  
 -10.92 To 9999. %

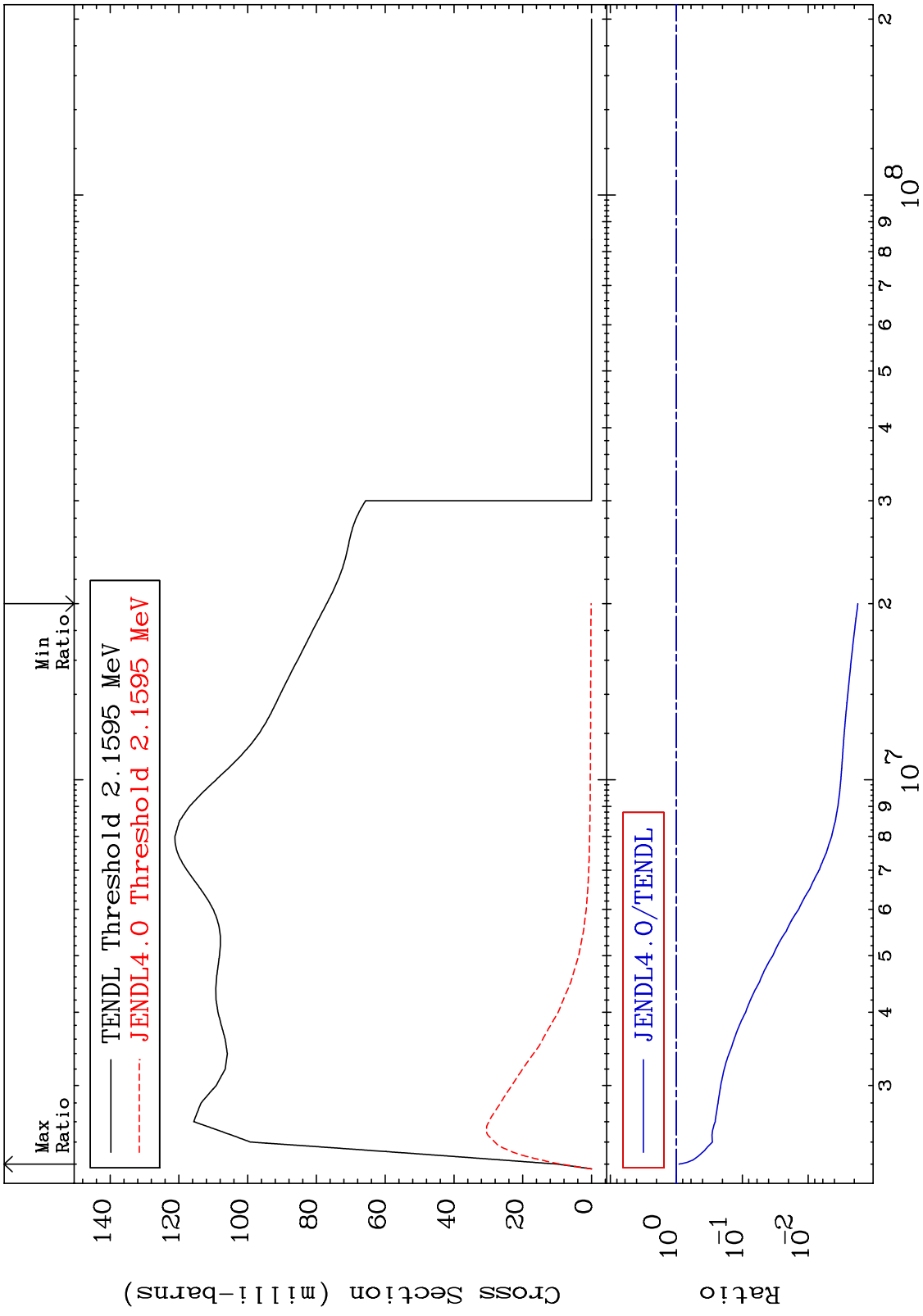


MAT 4631 MT= 64 (n,n') Level Cross Section 46-Pd-104  
 -88.75 To 81.63 %

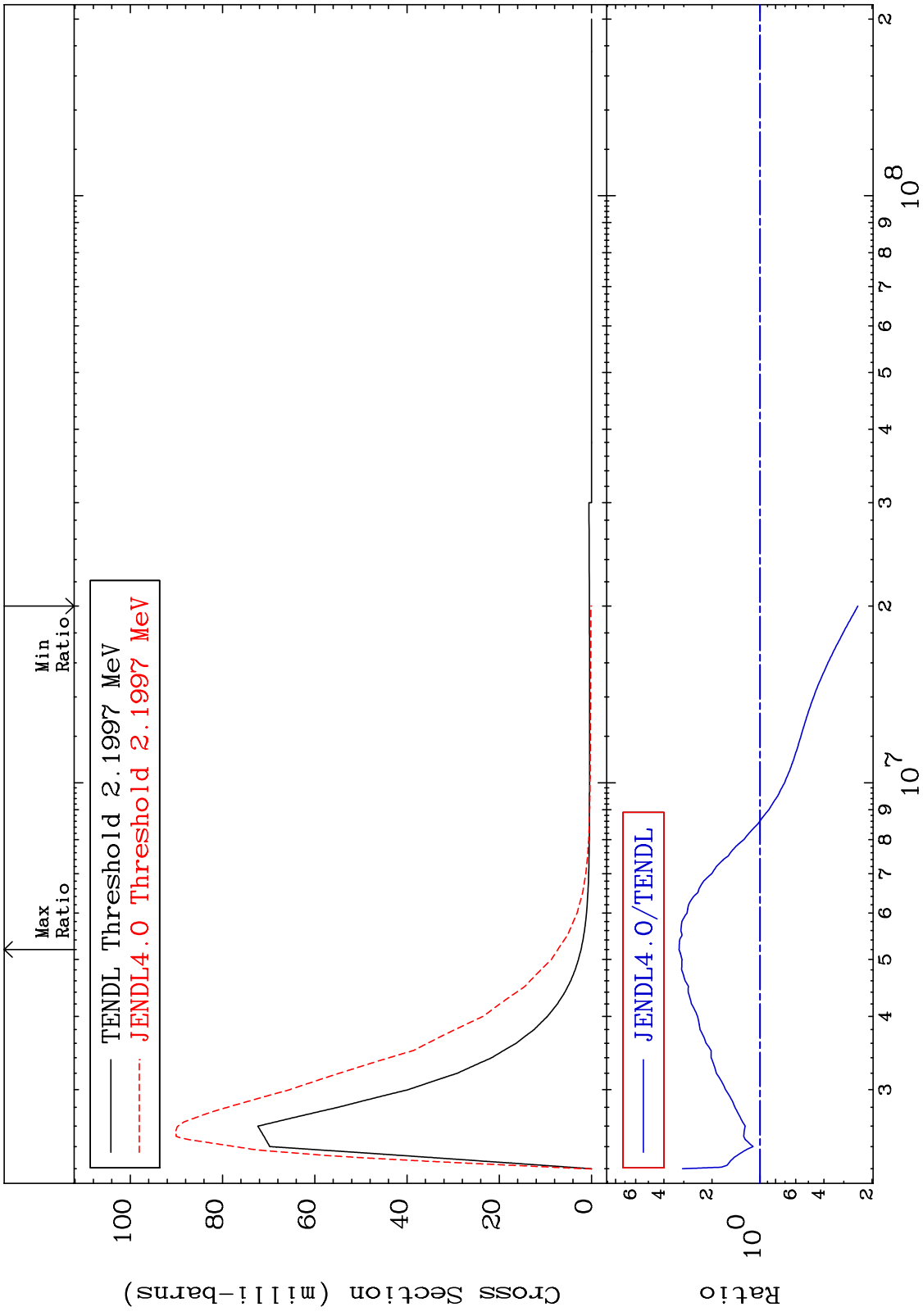




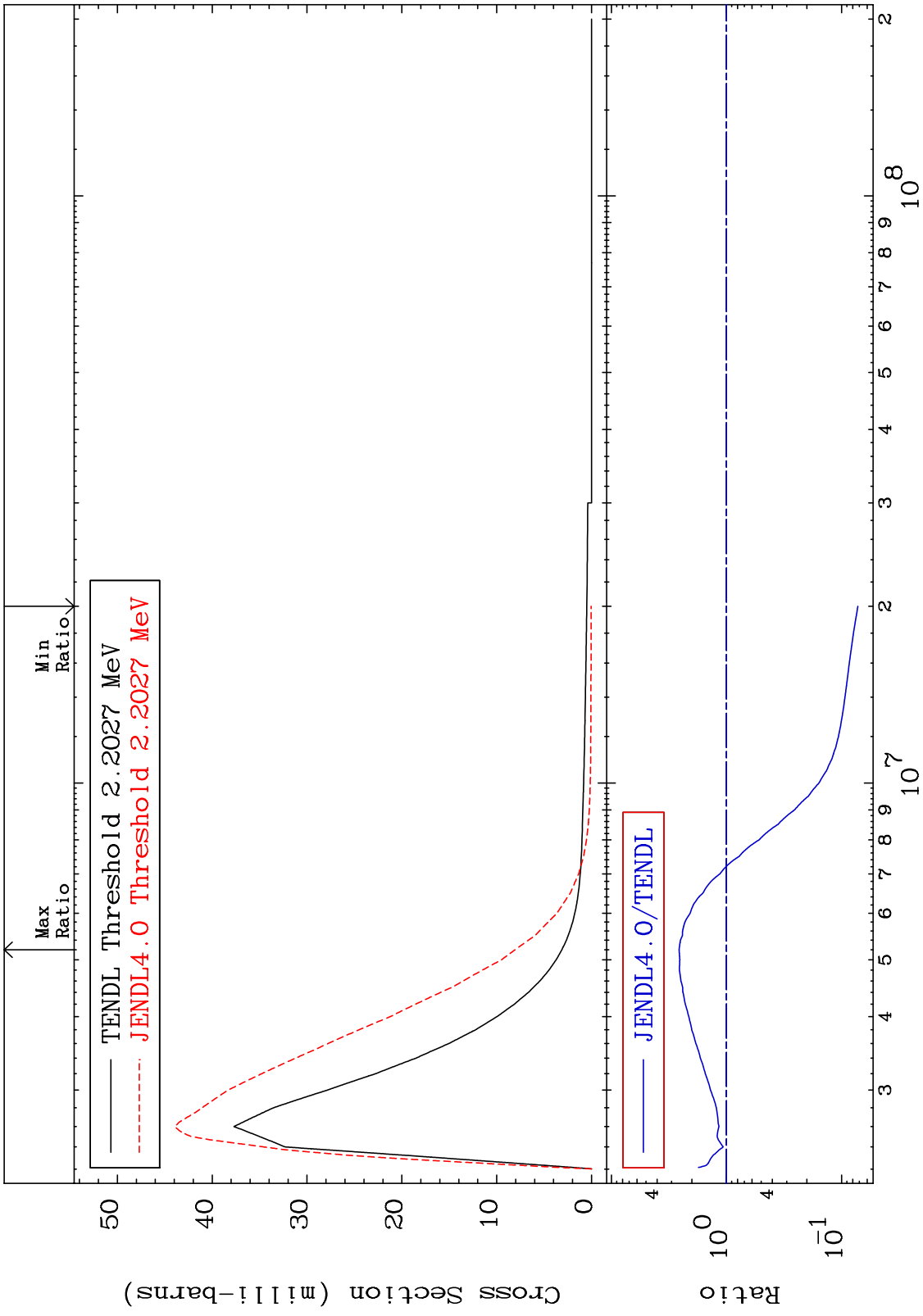
MAT 4631 MT= 65 (n,n') Level Cross Section 46-Pd-104 -99.82 To -8.977%



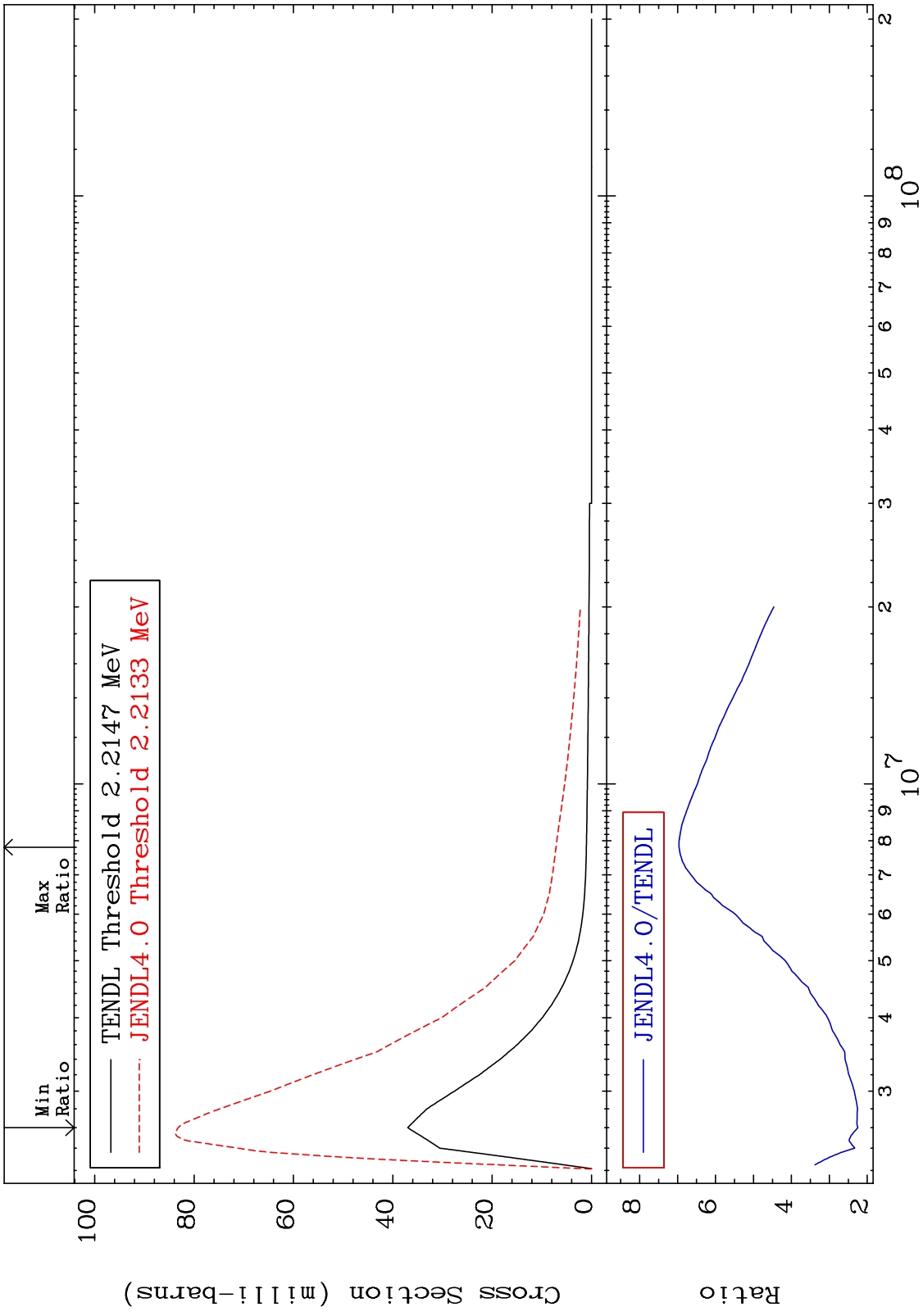
MAT 4631 MT= 66 (n,n') Level Cross Section 46-Pd-104  
 -75.47 To 221.4 %



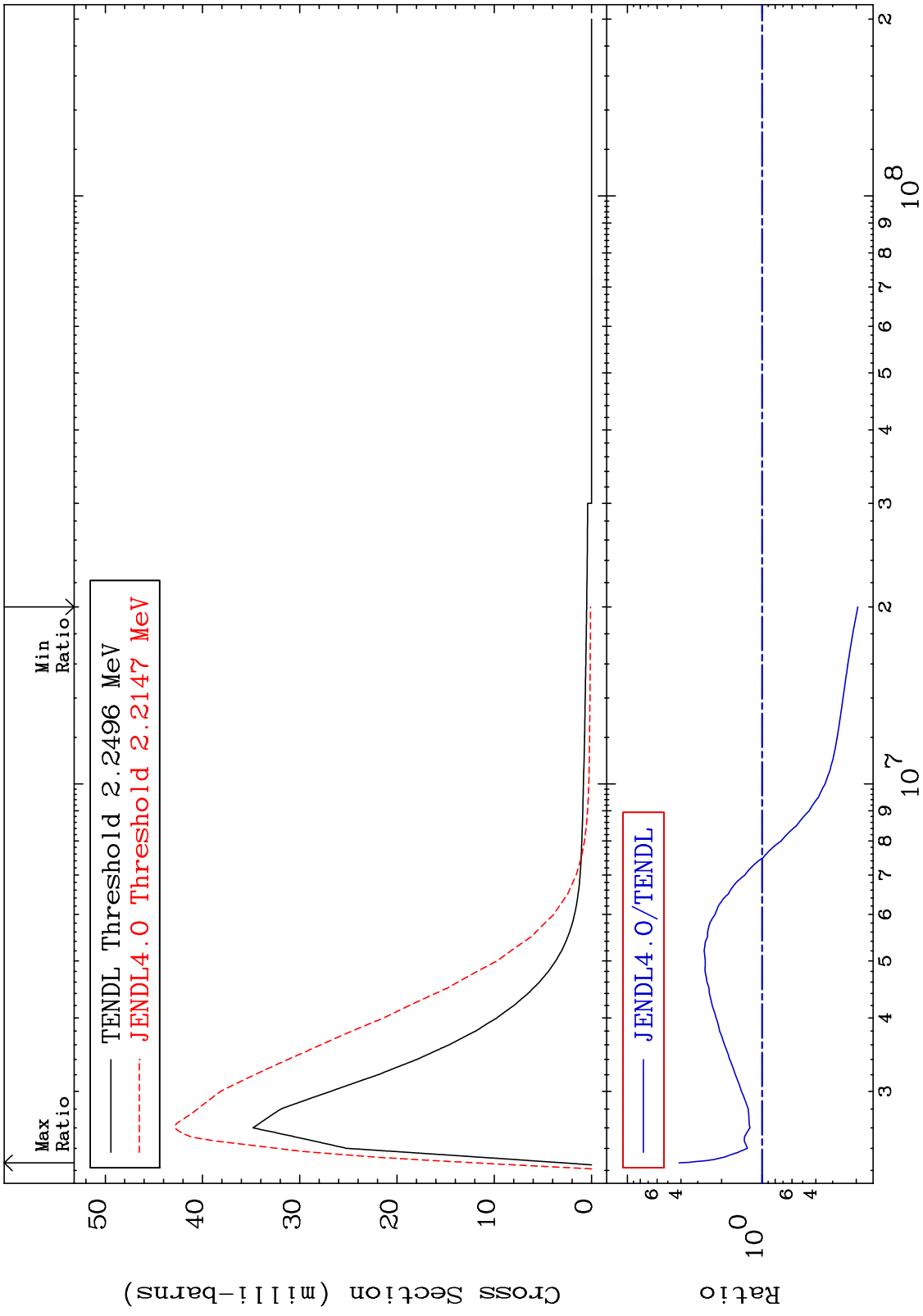
MAT 4631 MT= 67 (n,n') Level Cross Section 46-Pd-104 -92.78 To 158.4 %



MAT 4631 MT= 68 (n,n') Level Cross Section 46-Pd-104 124.9 To 596.1 %



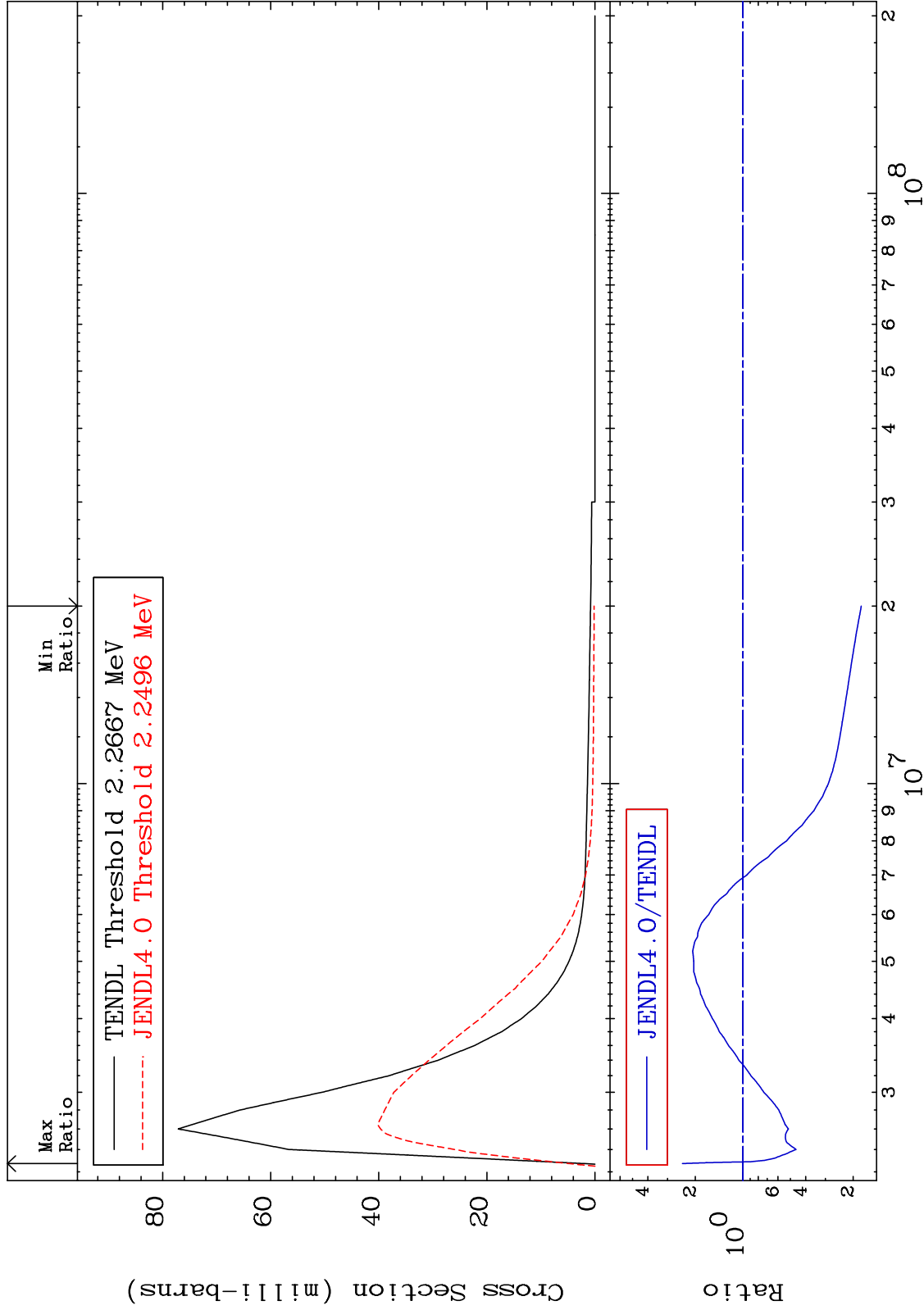
MAT 4631 MT= 69 (n,n') Level Cross Section 46-Pd-104  
 -80.52 To 313.2 %



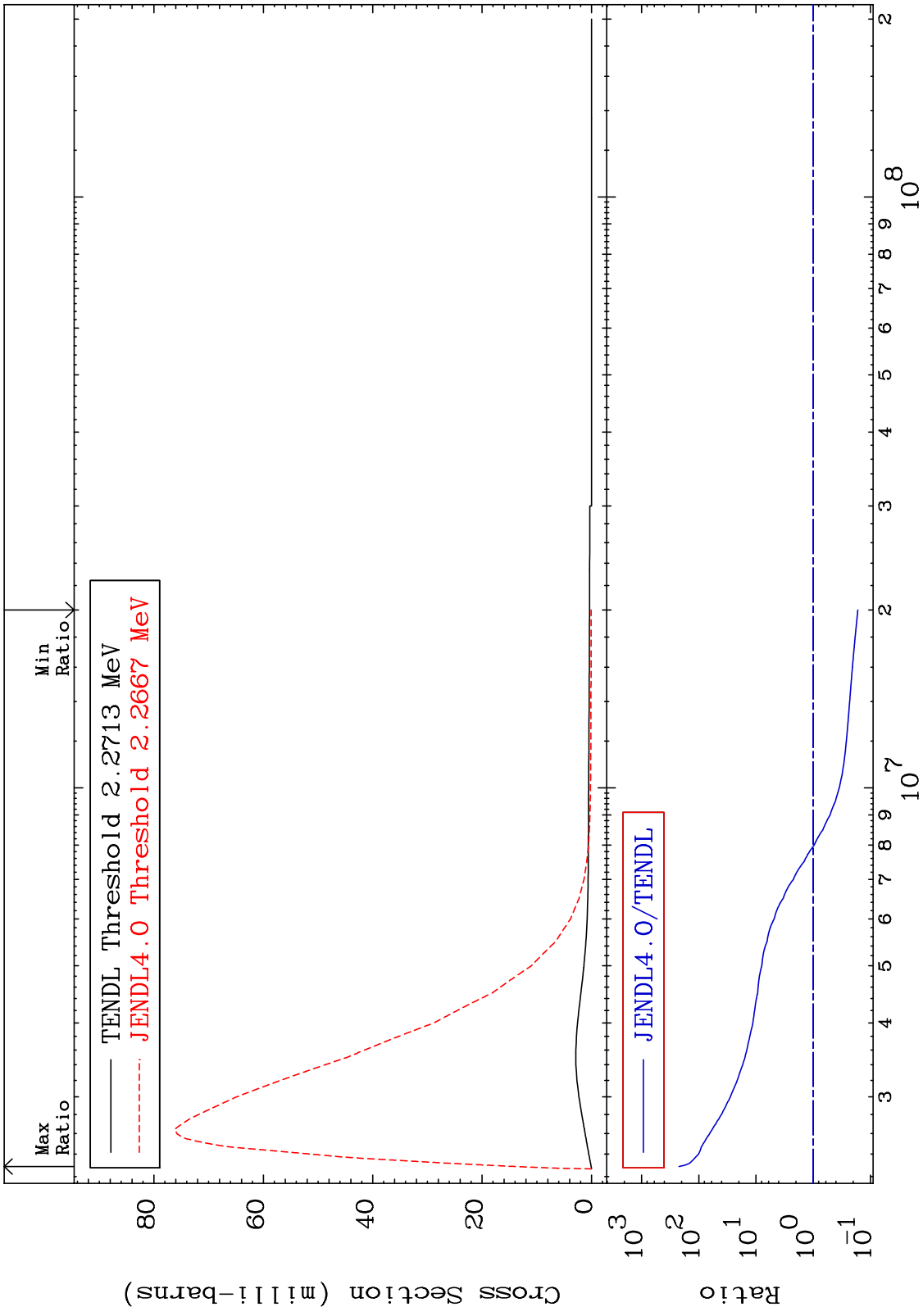
MAT 4631

MT= 70 (n,n') Level  
Cross Section

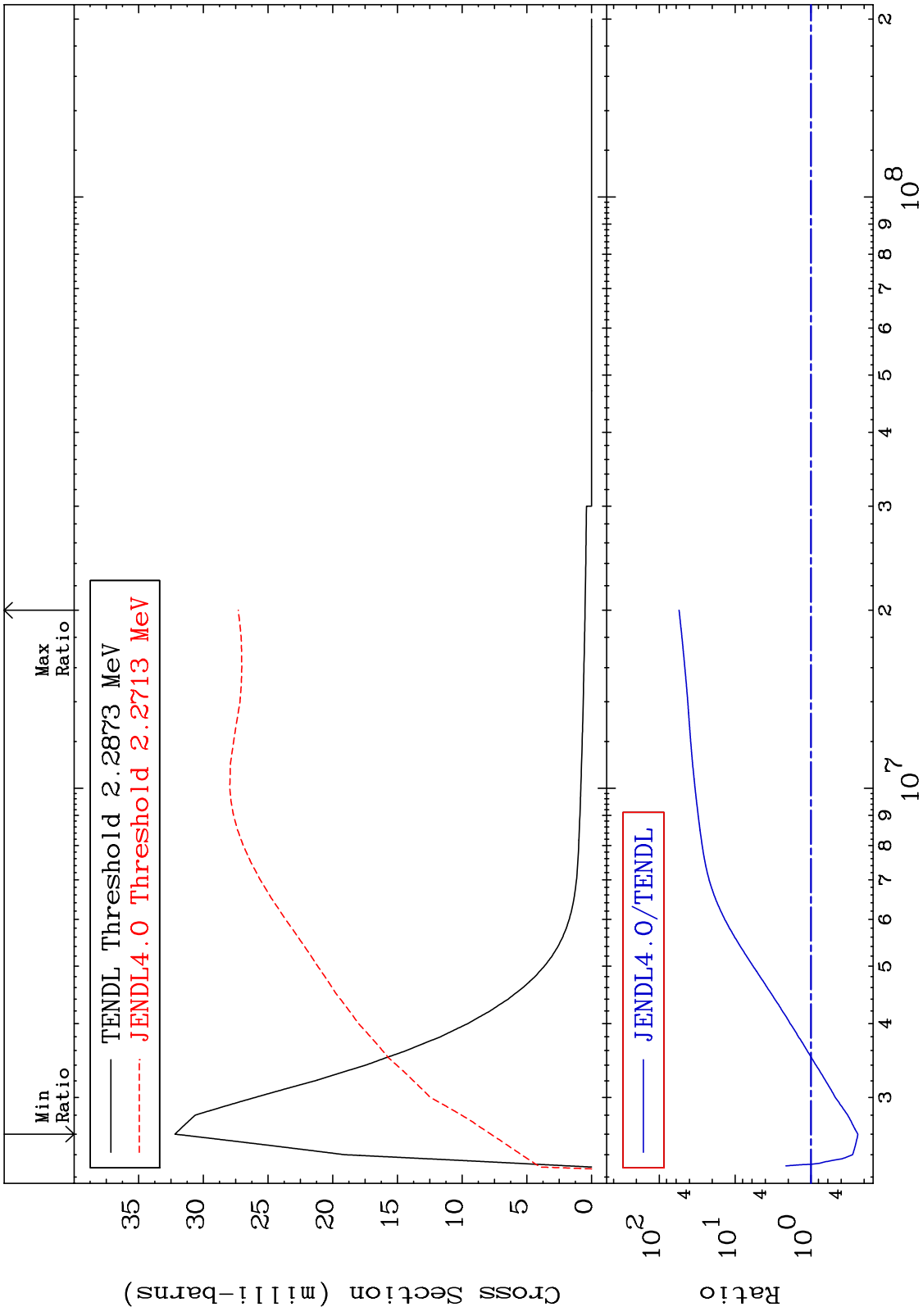
46-Pd-104  
-82.24 To 141.5 %



MAT 4631      MT= 71 (n,n') Level Cross Section      46-Pd-104  
 -83.44 To 9999. %

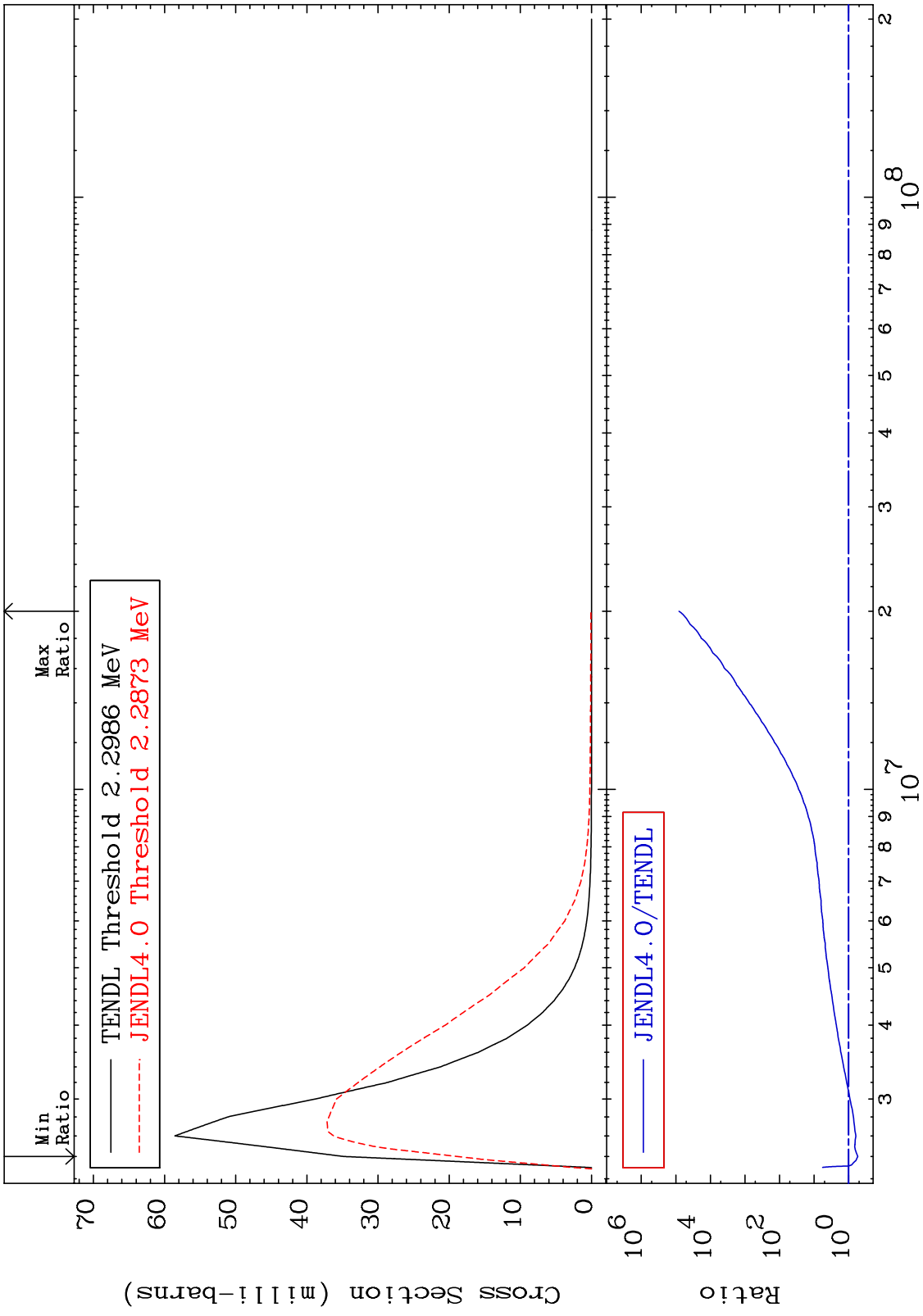


MAT 4631 MT= 72 (n,n') Level Cross Section 46-Pd-104  
 -75.83 To 5387. %

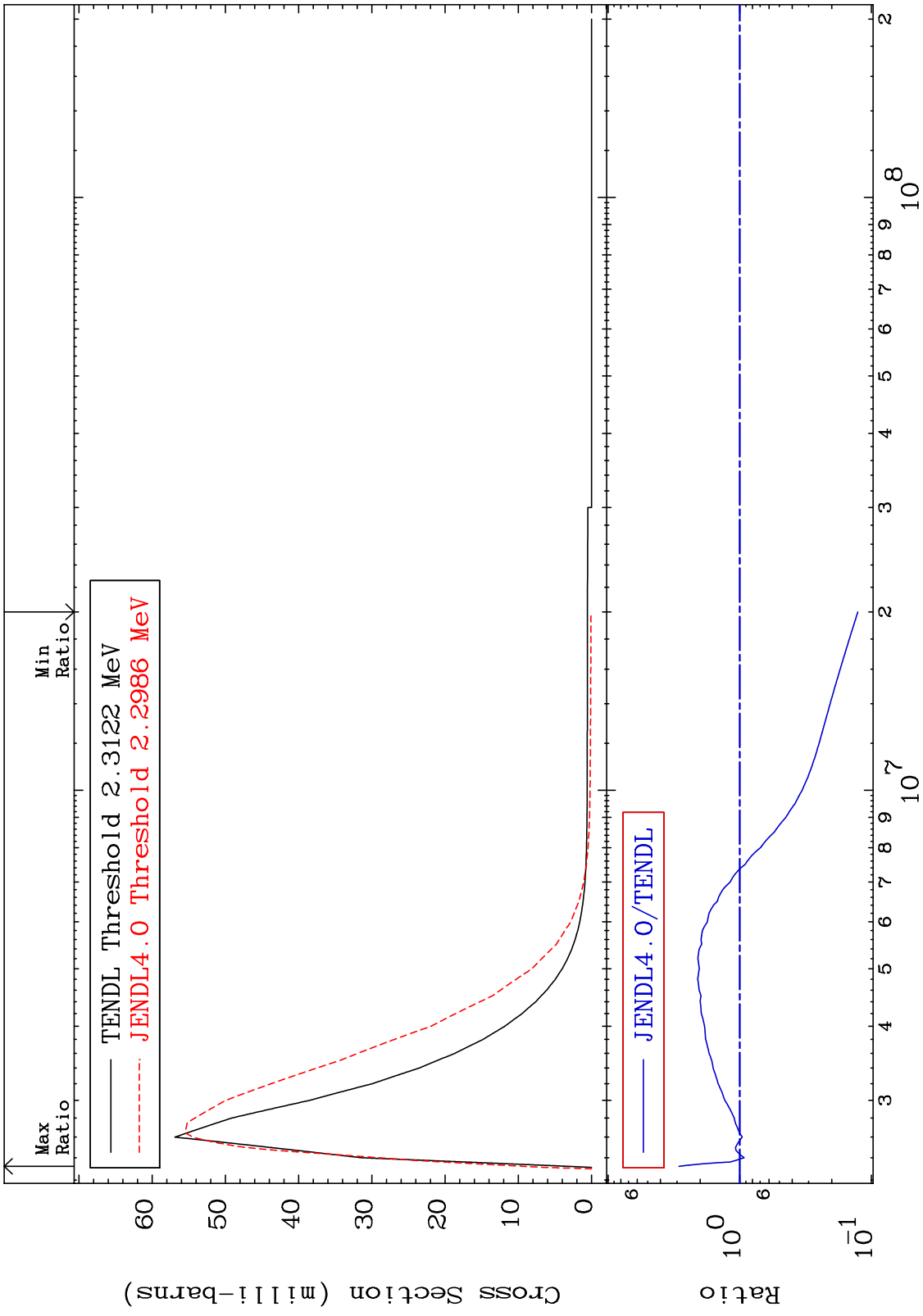




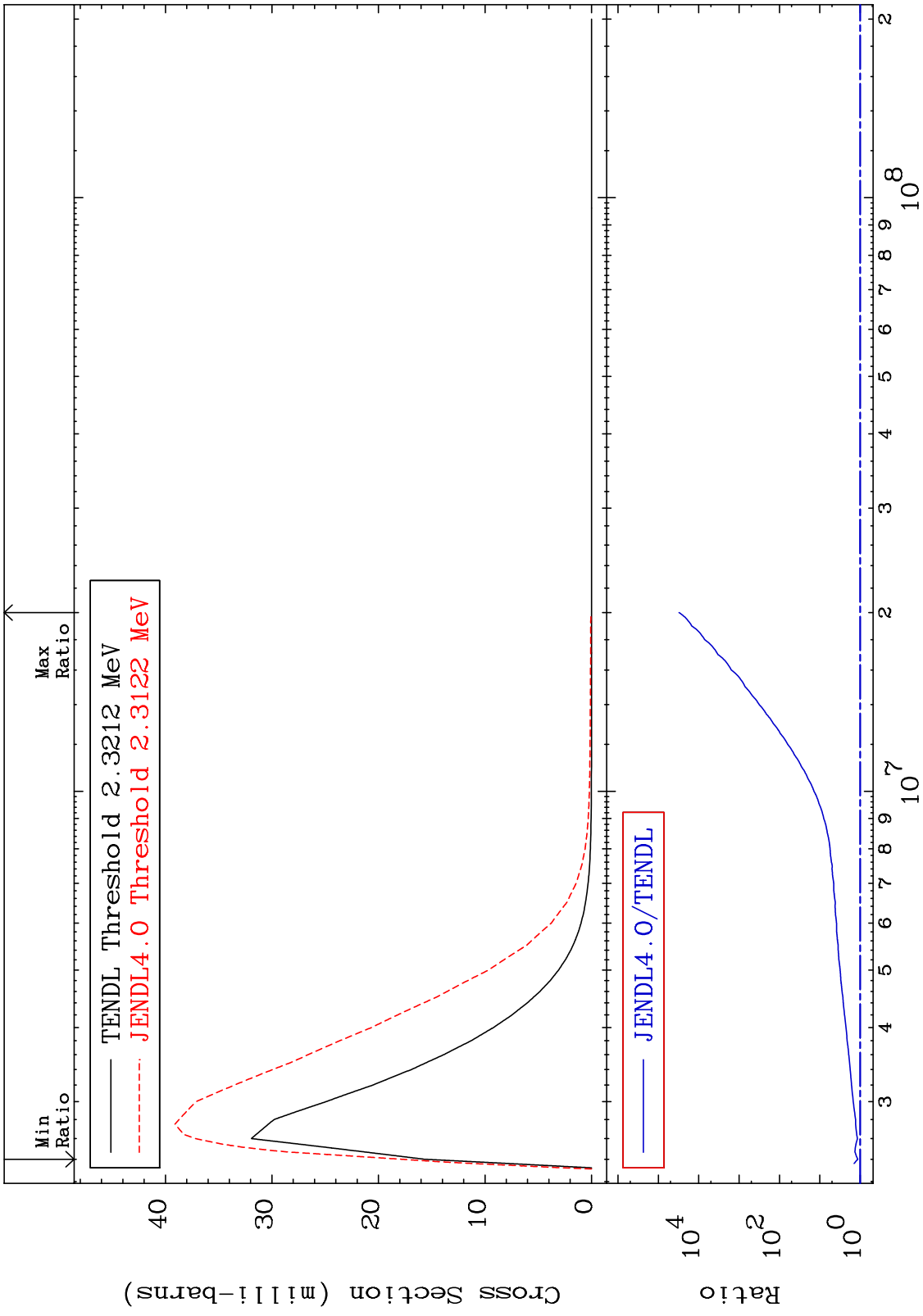
MAT 4631 MT= 73 (n,n') Level Cross Section 46-Pd-104  
 -45.88 To 9999. %



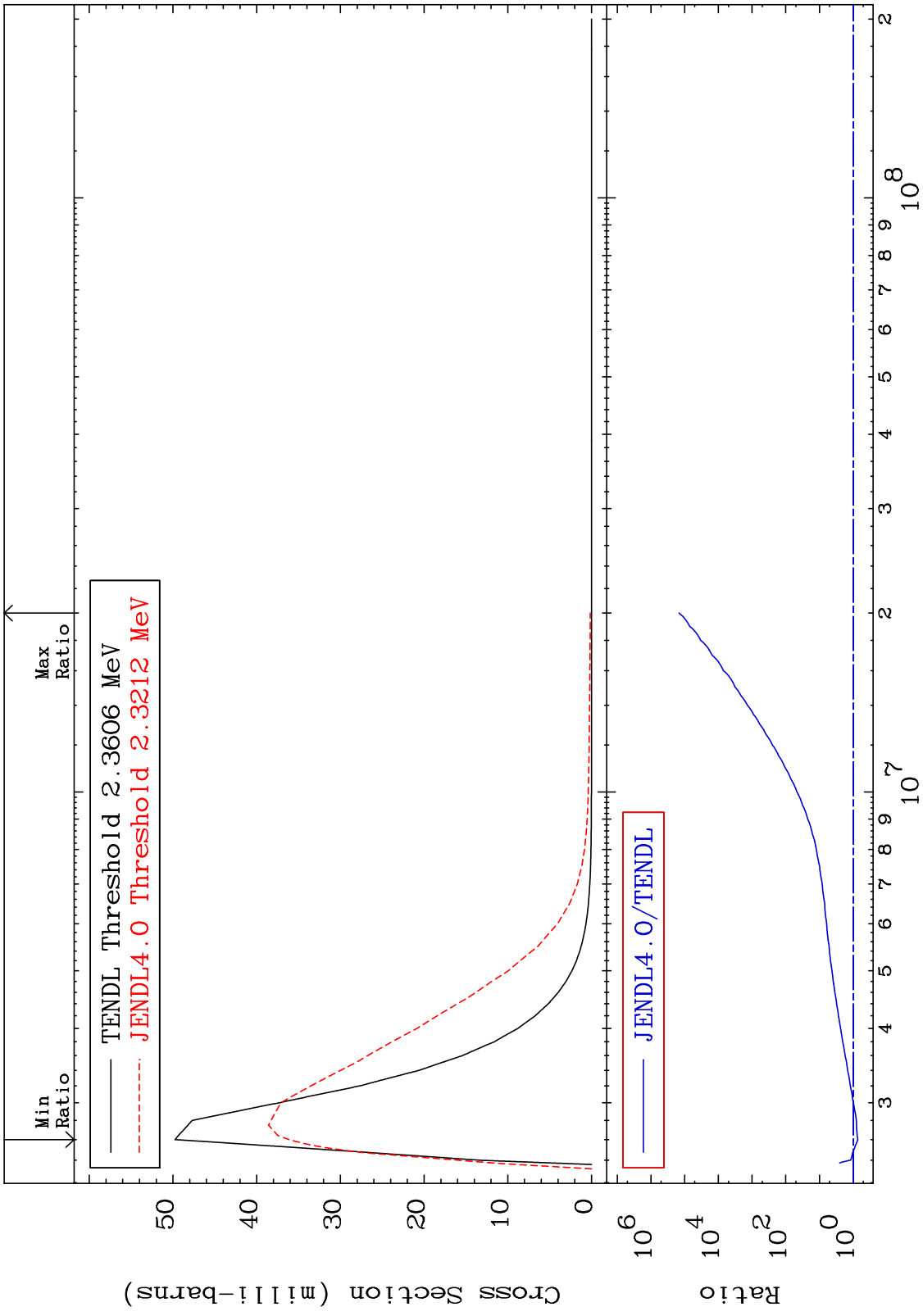
MAT 4631 MT= 74 (n,n') Level Cross Section 46-Pd-104 -87.32 To 189.1 %



MAT 4631 MT= 75 (n,n') Level Cross Section 46-Pd-104 13.82 To 9999. %



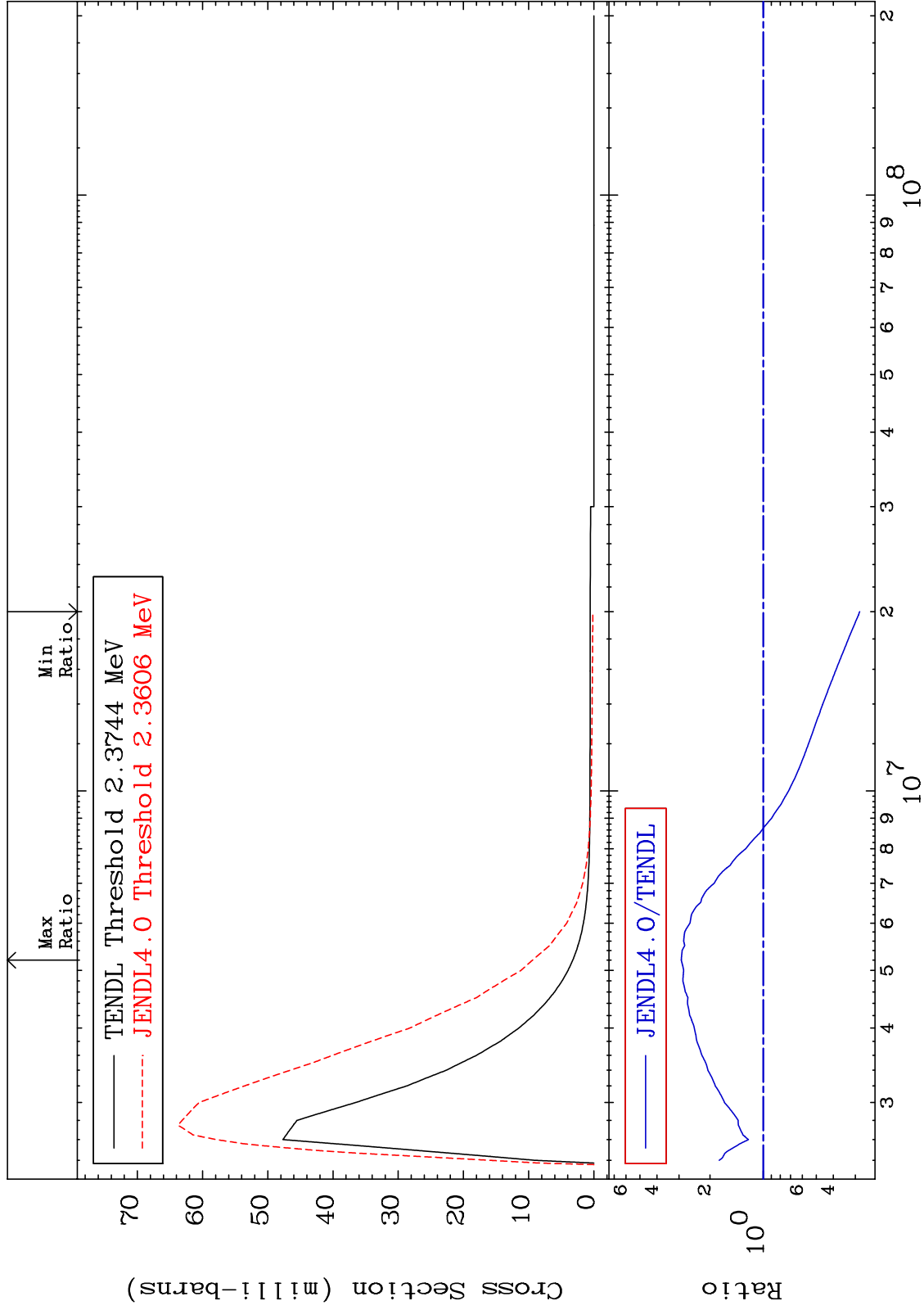
MAT 4631      MT= 76 (n,n') Level Cross Section      46-Pd-104  
 -27.41 To 9999. %



MAT 4631

MT= 77 (n,n') Level  
Cross Section

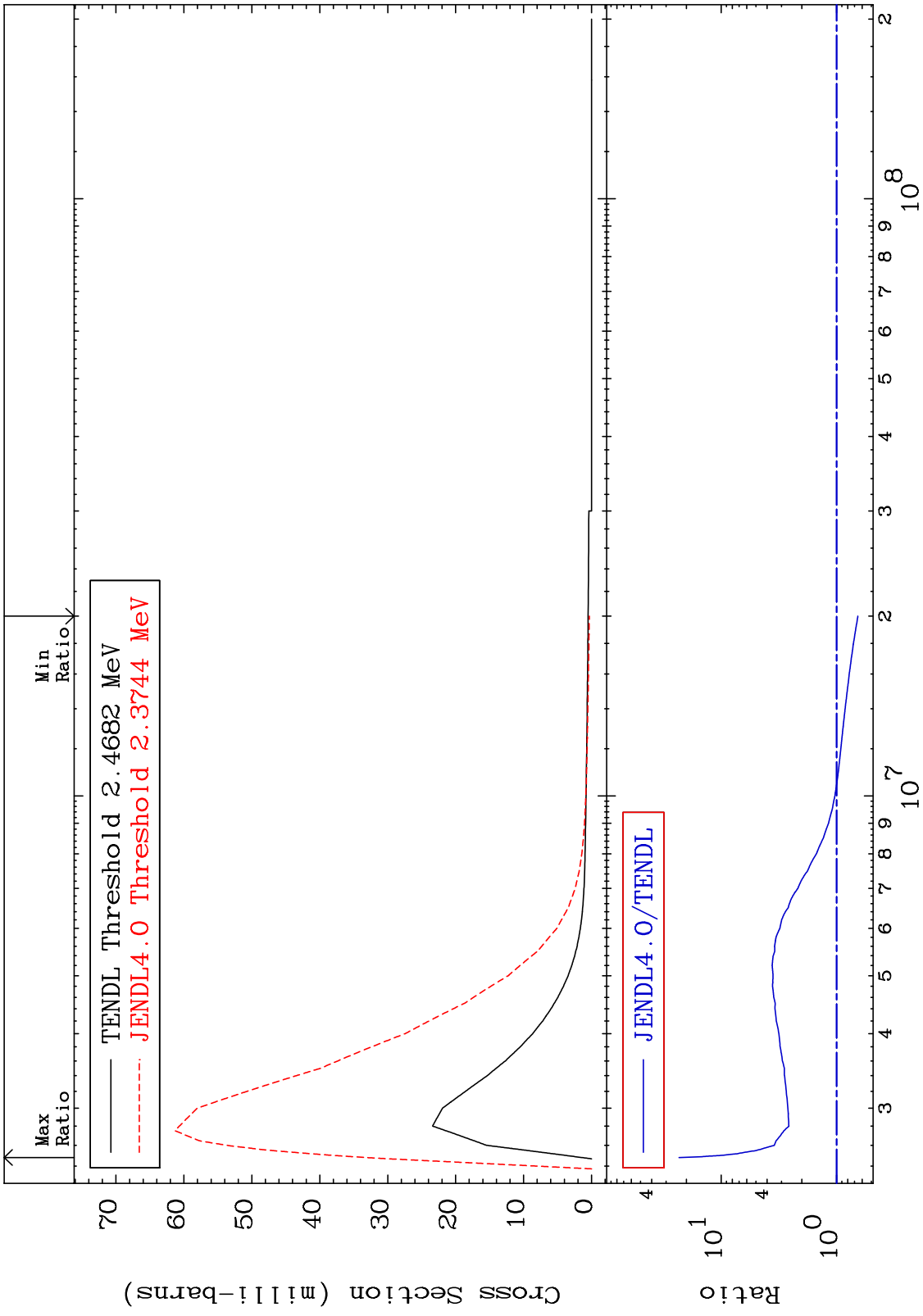
46-Pd-104  
-71.65 To 191.5 %



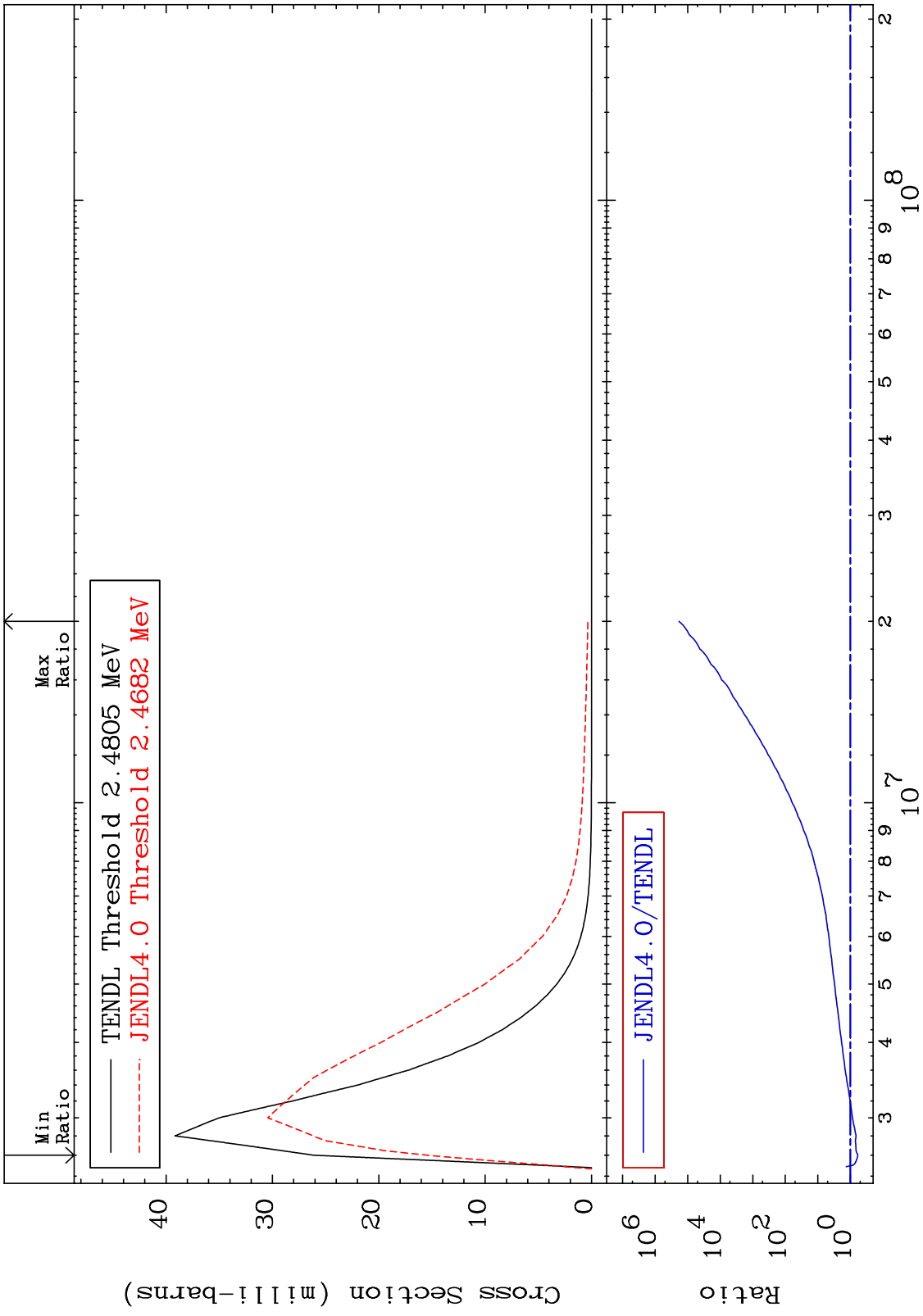
36

46-Pd-104

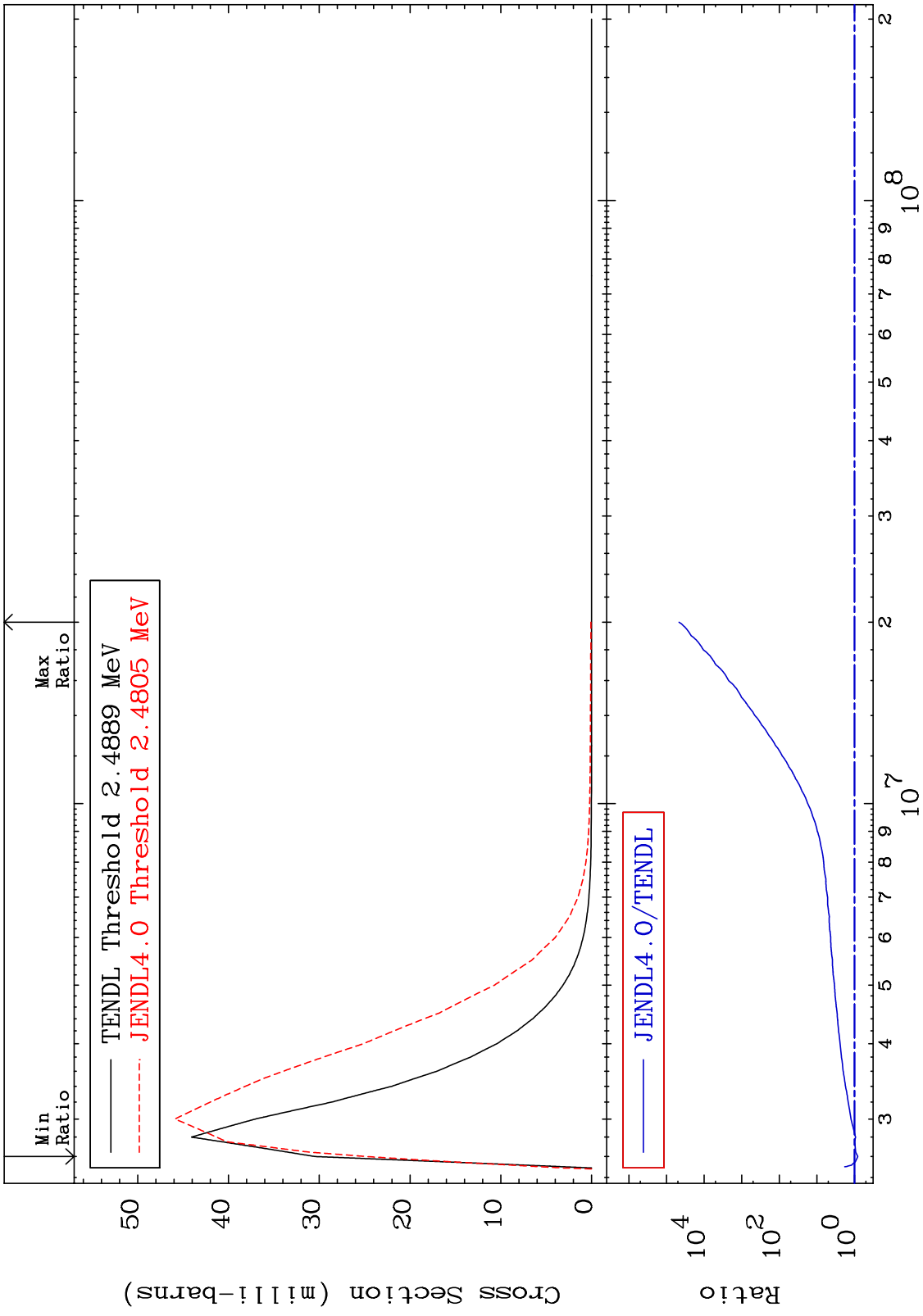
MAT 4631 MT= 78 (n,n') Level Cross Section 46-Pd-104  
 -34.52 To 2219. %



MAT 4631 MT= 79 (n,n') Level Cross Section 46-Pd-104  
 -40.92 To 9999. %



MAT 4631      MT= 80 (n,n') Level Cross Section      46-Pd-104  
 -18.69 To 9999. %

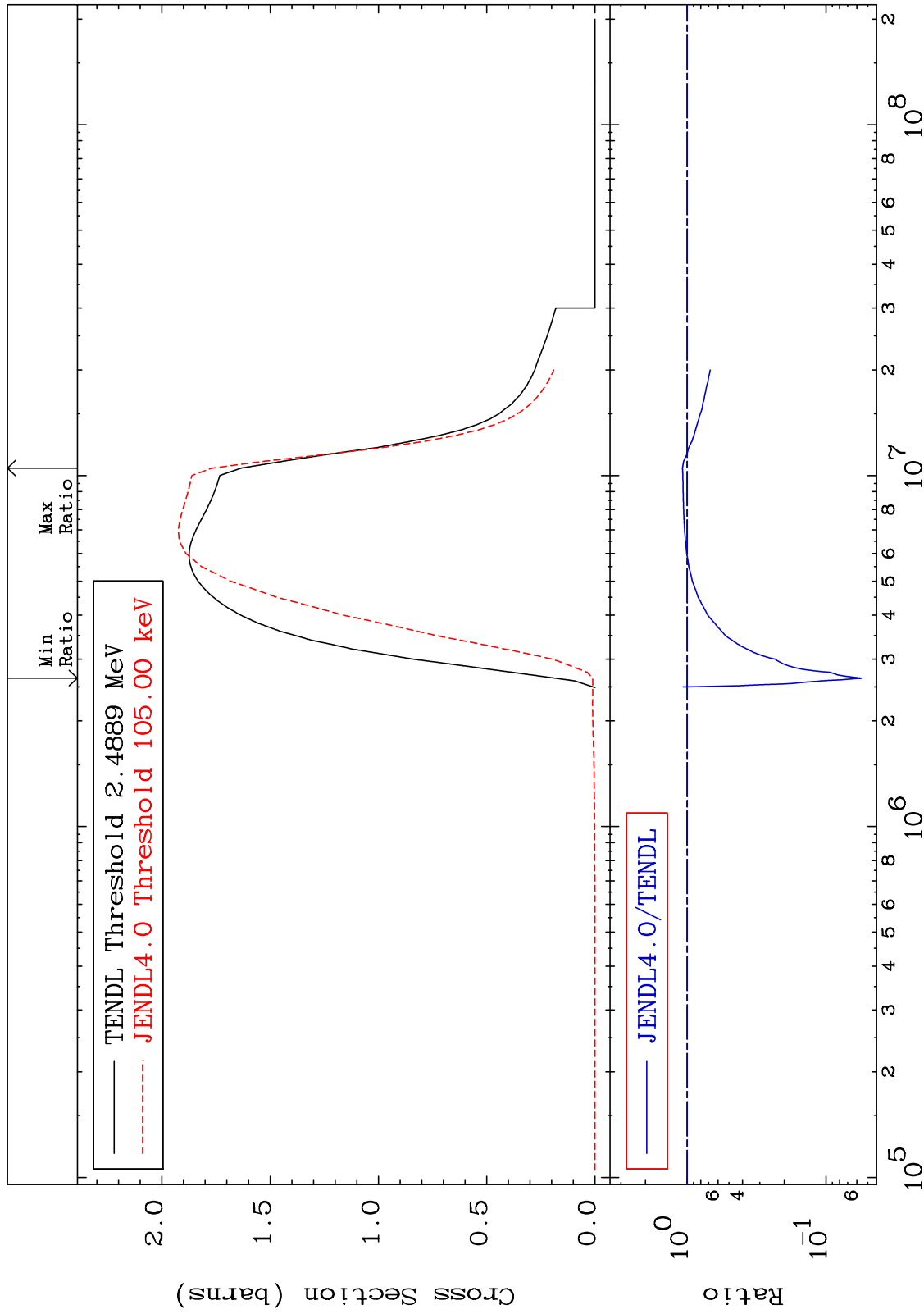




MAT 4631

(n, n') Continuum  
Cross Section

46-Pd-104  
-94.42 To 8.159 %



Incident Energy (eV)

46-Pd-104

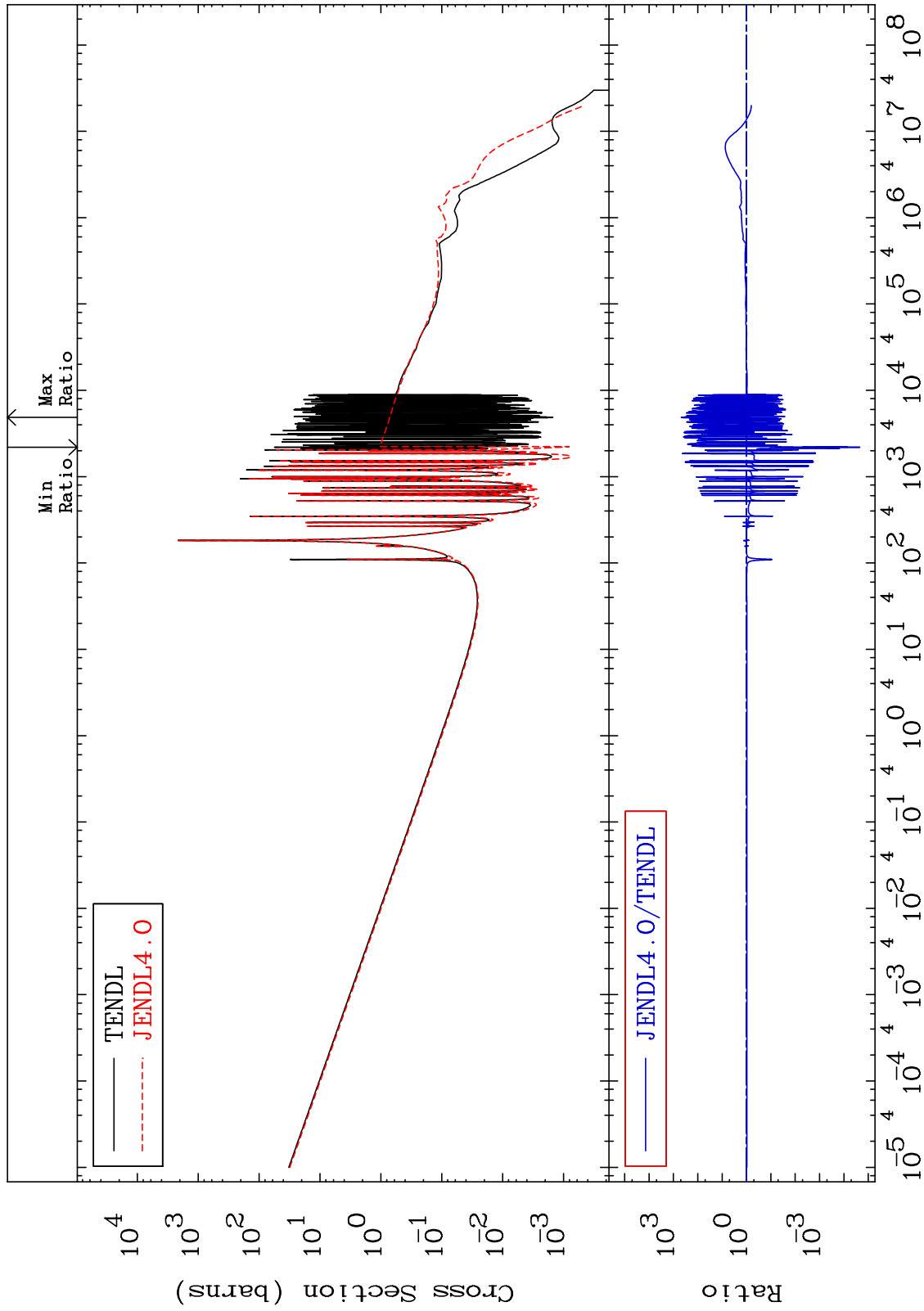
MAT 4631

(n,  $\gamma$ )

46-Pd-104

-100.0 To 9999. %

Cross Section

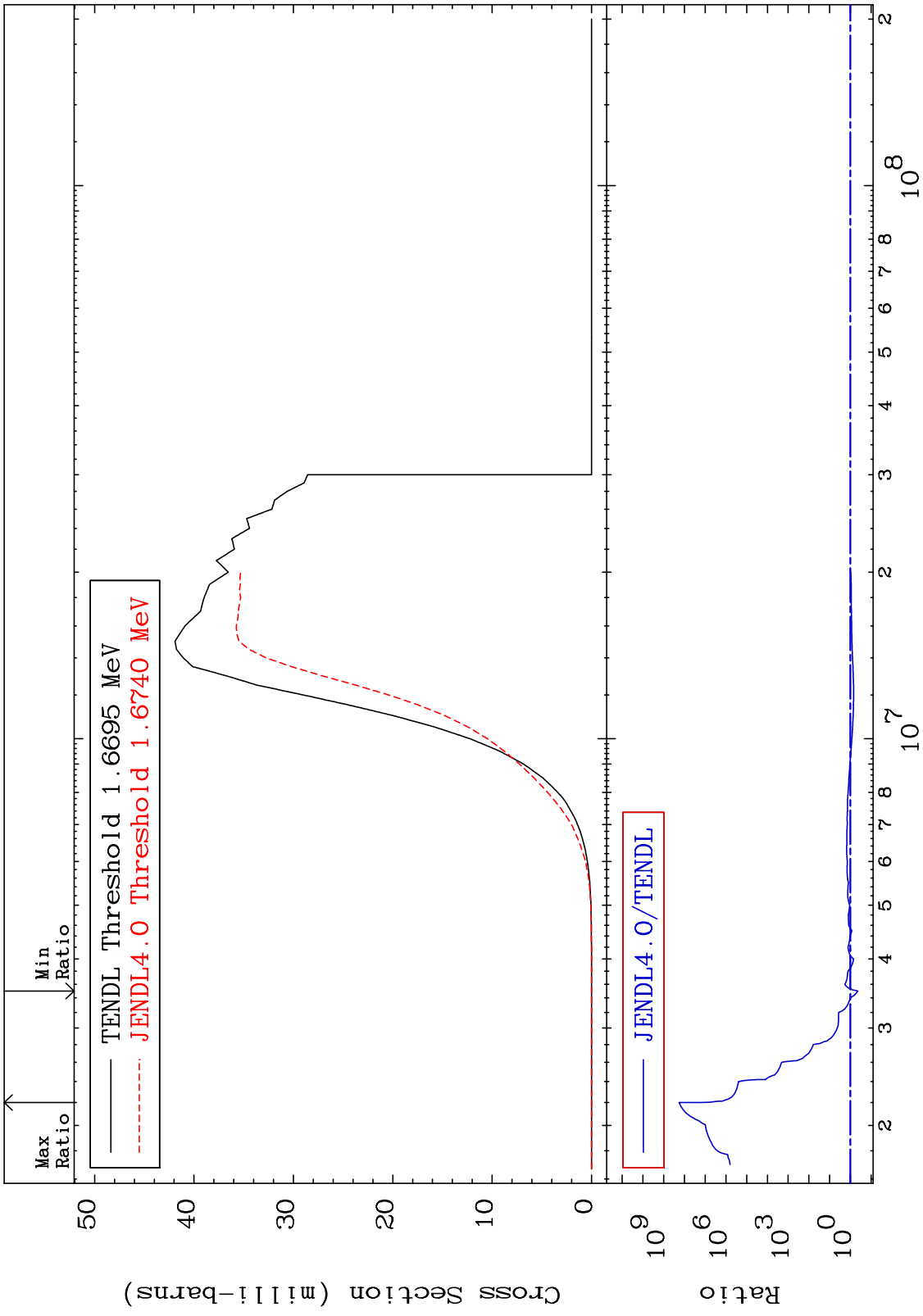


41

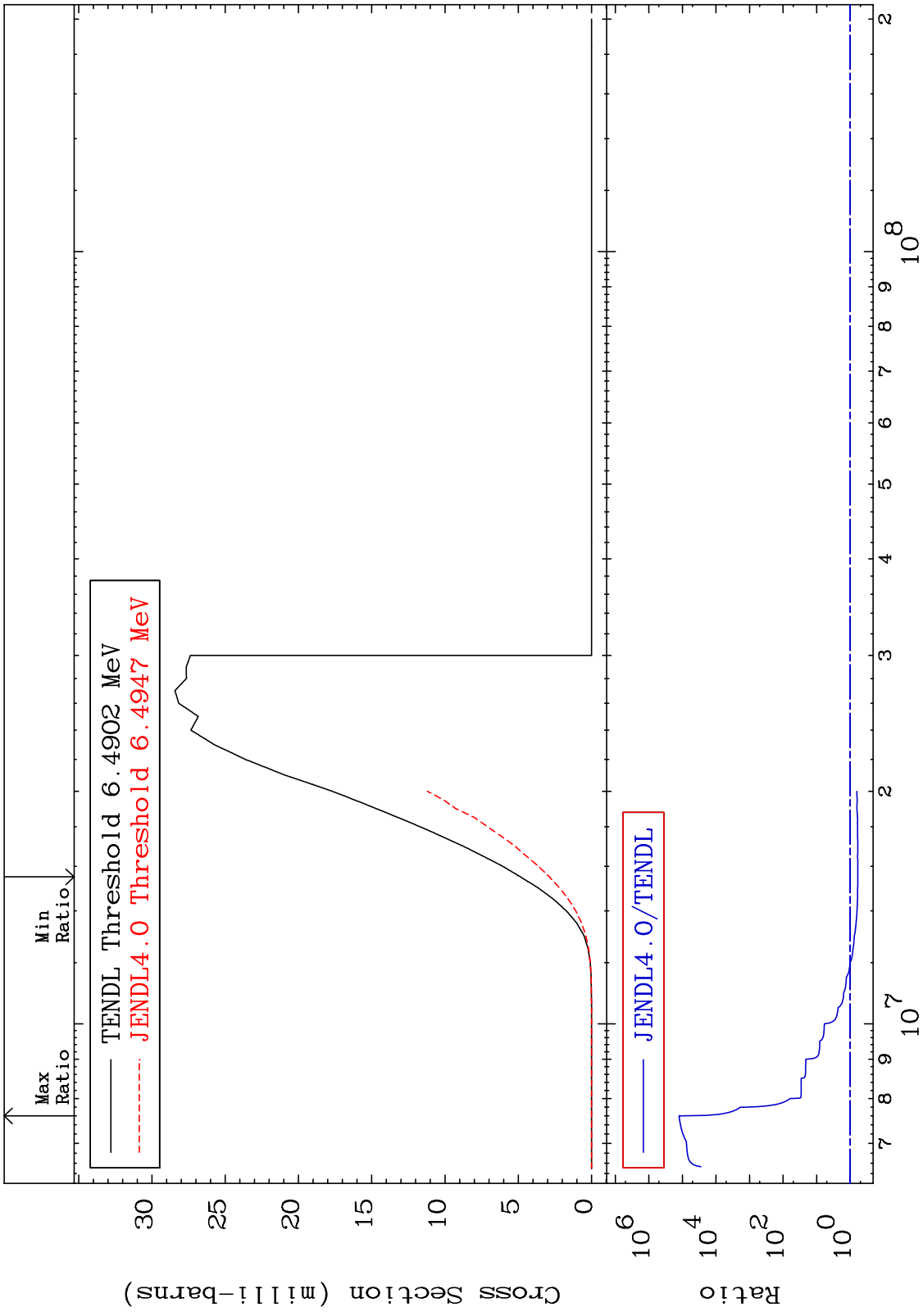
Incident Energy (eV)

46-Pd-104

MAT 4631 (n,p) 46-Pd-104  
 Cross Section -56.04 To 9999. %

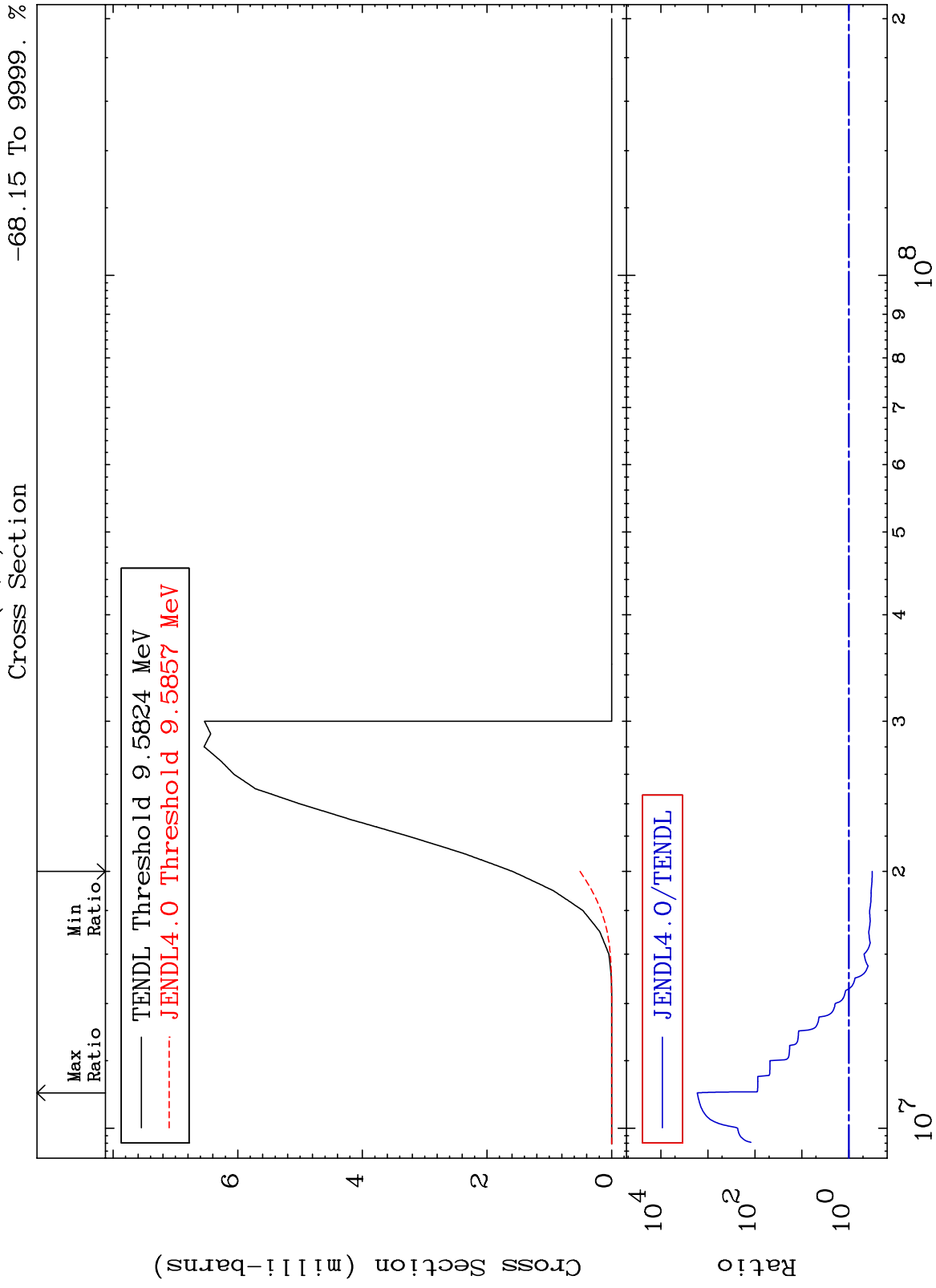


MAT 4631 (n,d) 46-Pd-104  
 Cross Section -40.68 To 9999. %



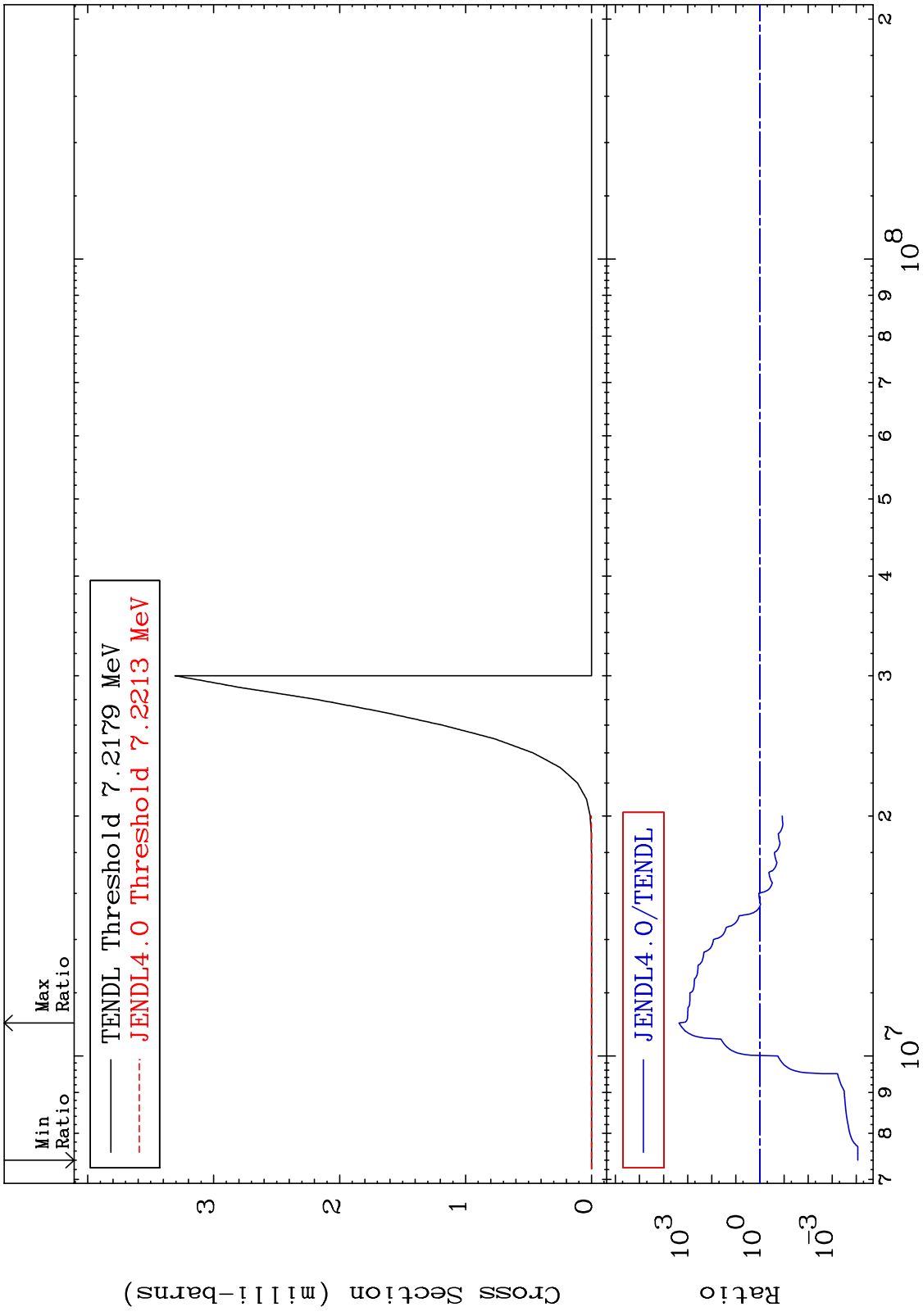
43 46-Pd-104

MAT 4631 (n,t) 46-Pd-104 -68.15 To 9999. %



44 46-Pd-104

MAT 4631 (n, He-3) 46-Pd-104  
 Cross Section -99.99 To 9999. %



45 46-Pd-104

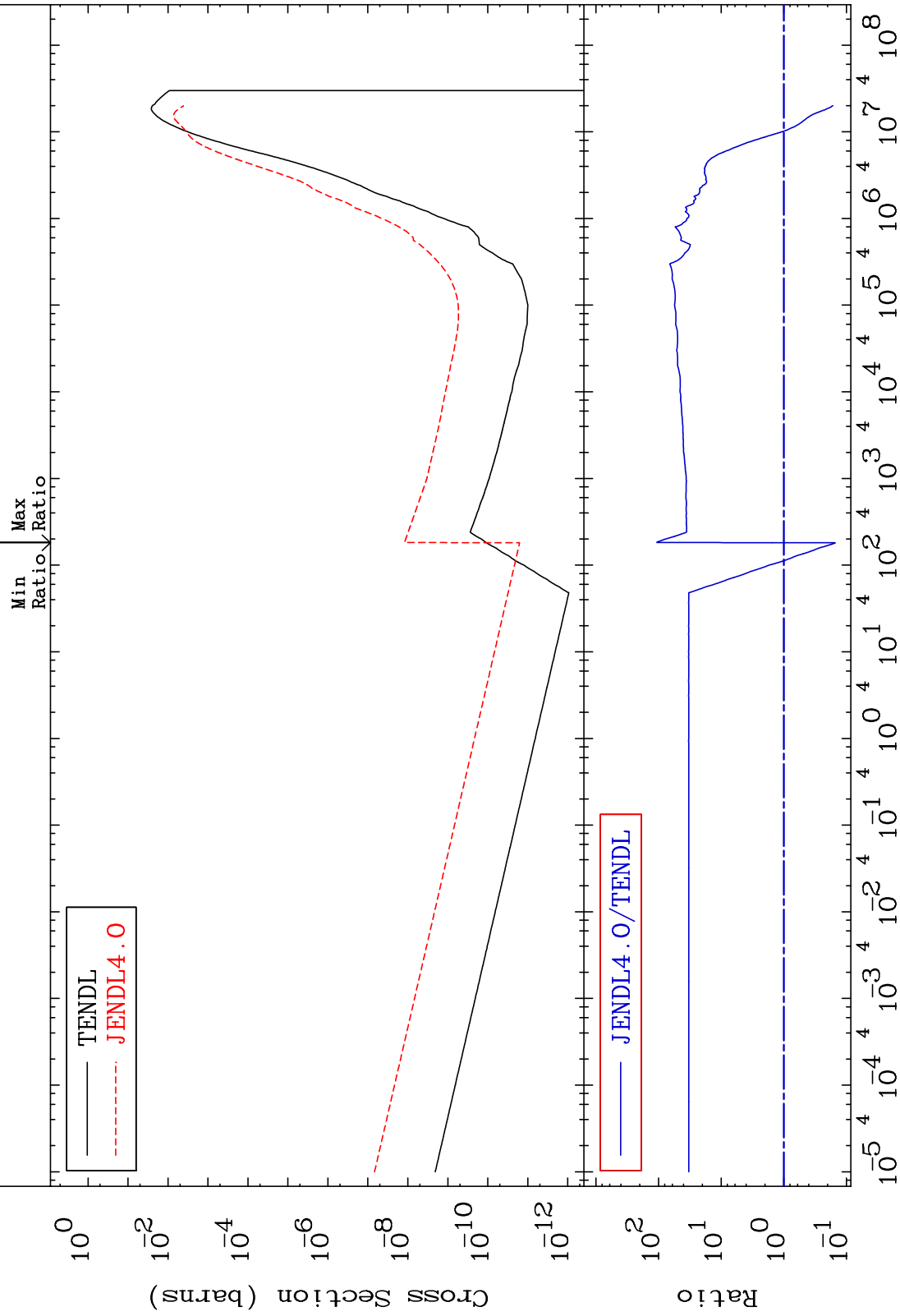
MAT 4631

(n,  $\alpha$ )

46-Pd-104

-85.07 To 9999. %

Cross Section



46

Incident Energy (eV)

46-Pd-104

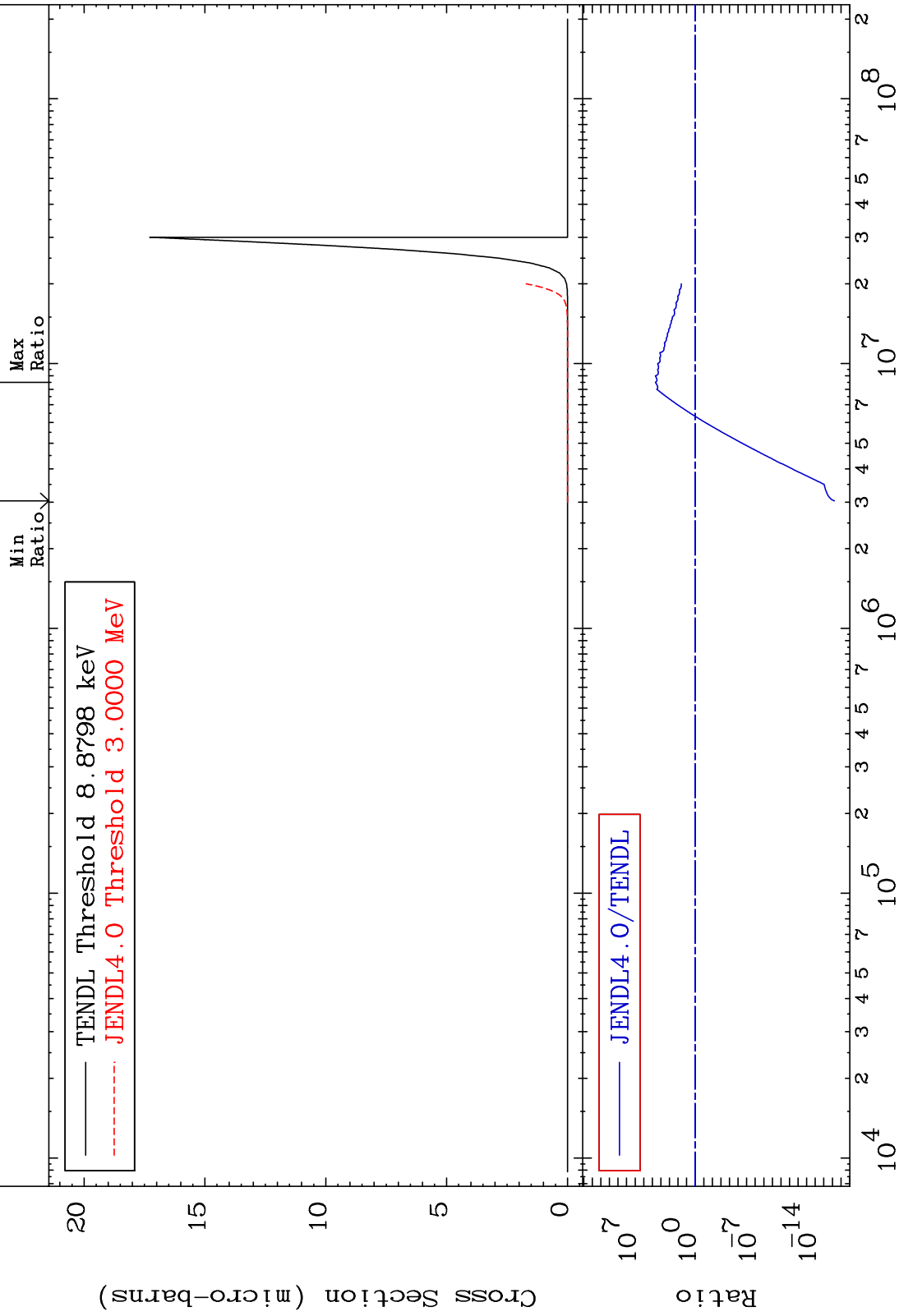
MAT 4631

(n,2α)

46-Pd-104

-100.0 To 9999. %

Cross Section



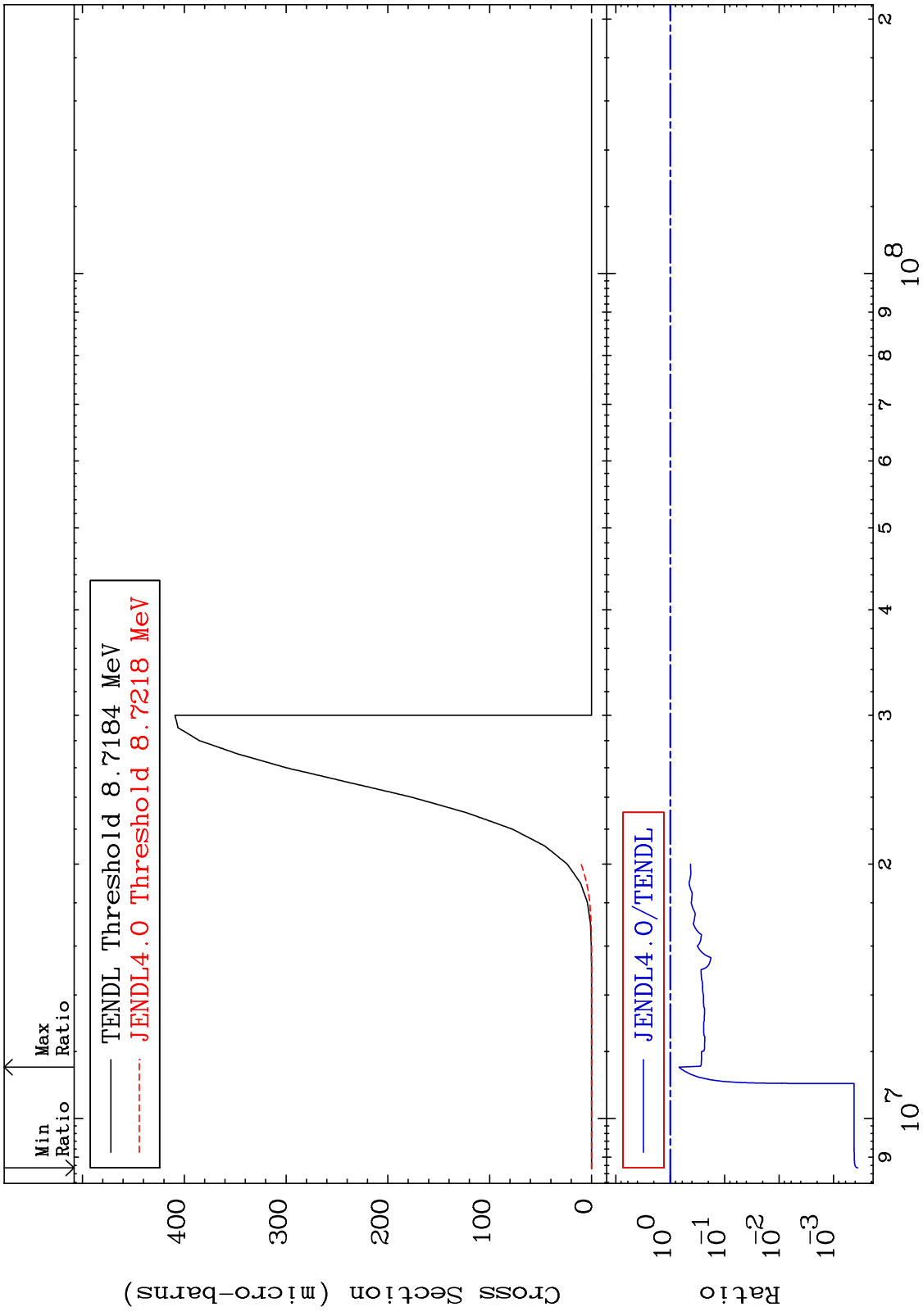
47

Incident Energy (eV)

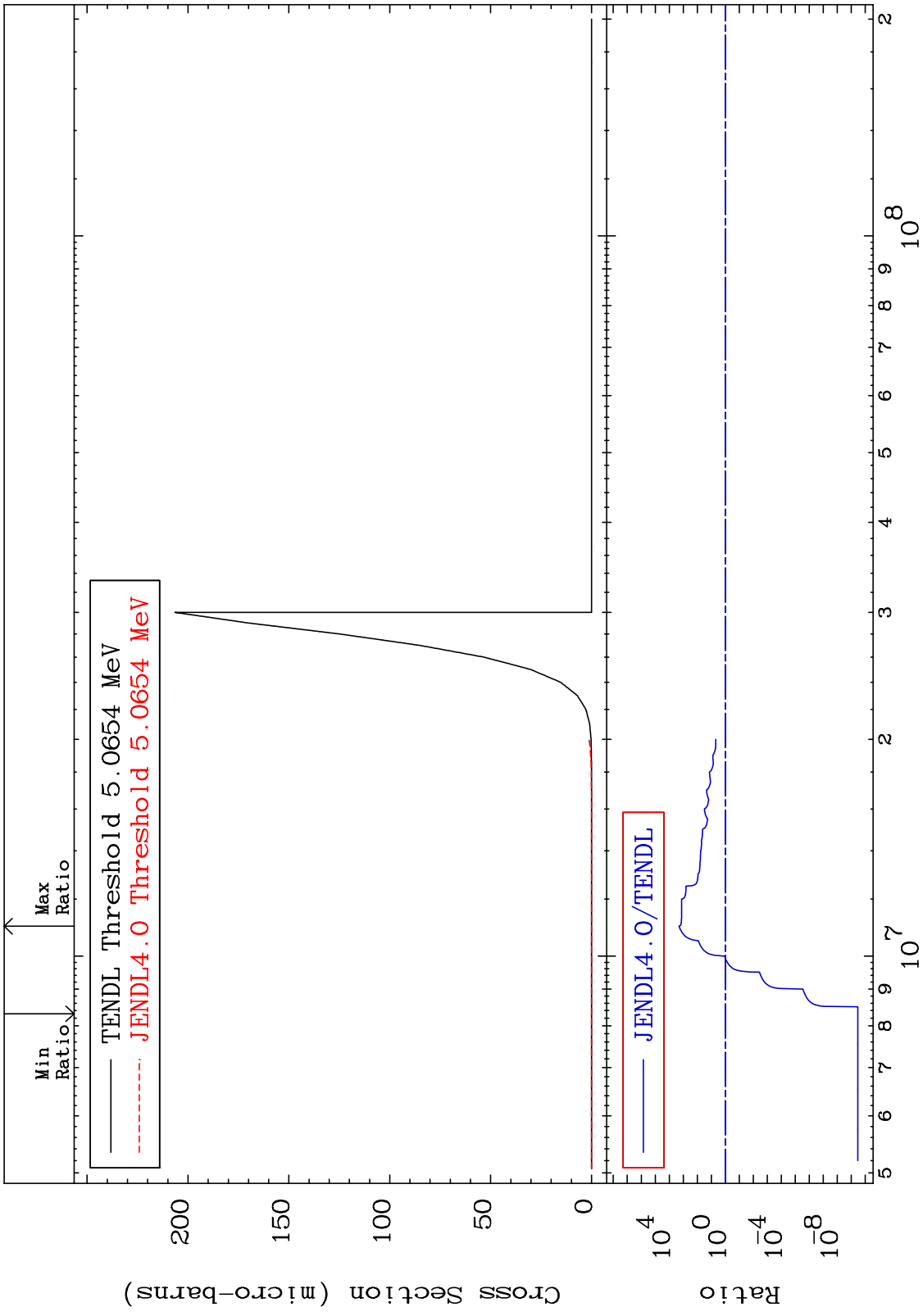
46-Pd-104

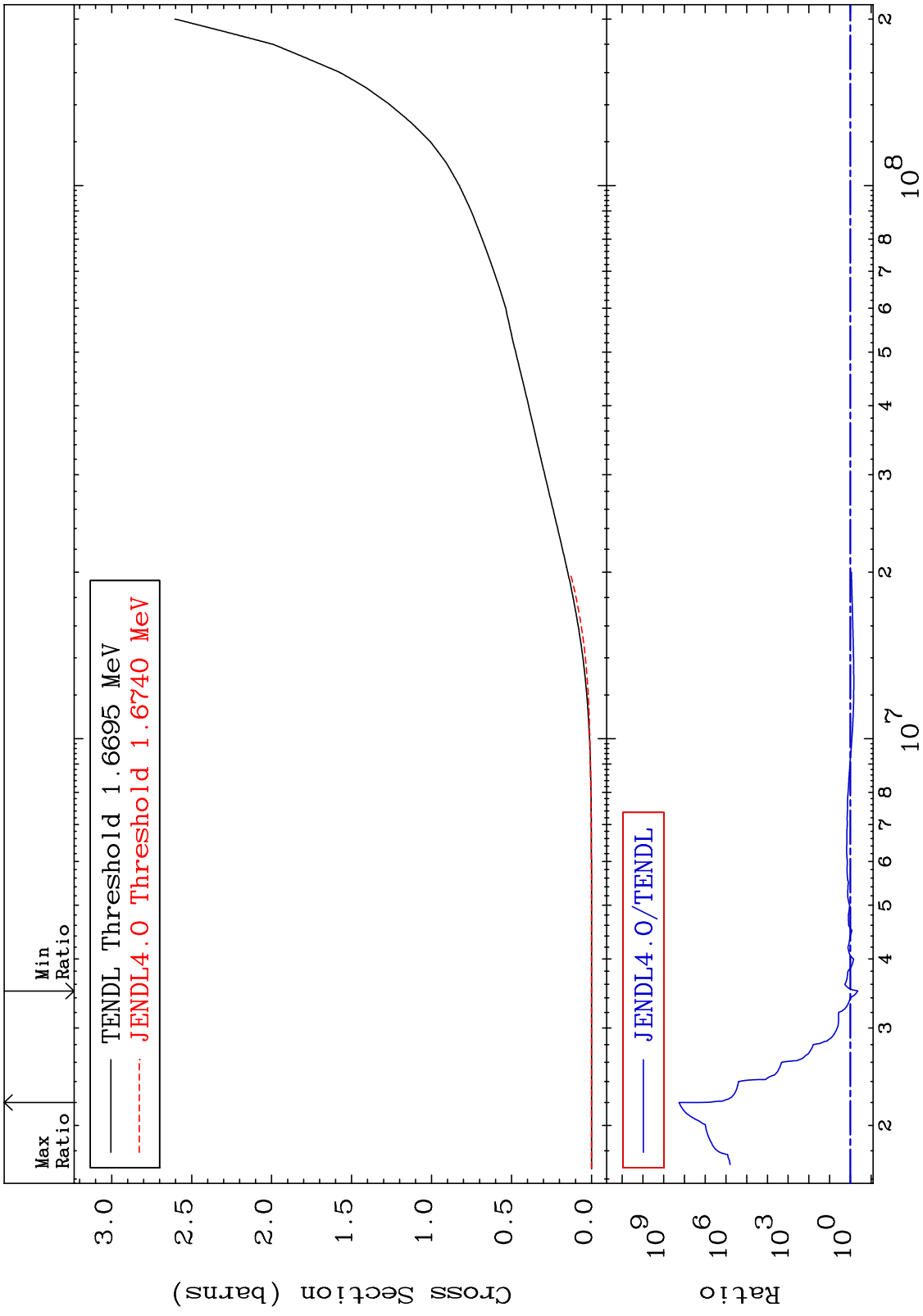


MAT 4631 (n,2p) Cross Section 46-Pd-104  
-99.96 To -31.29%

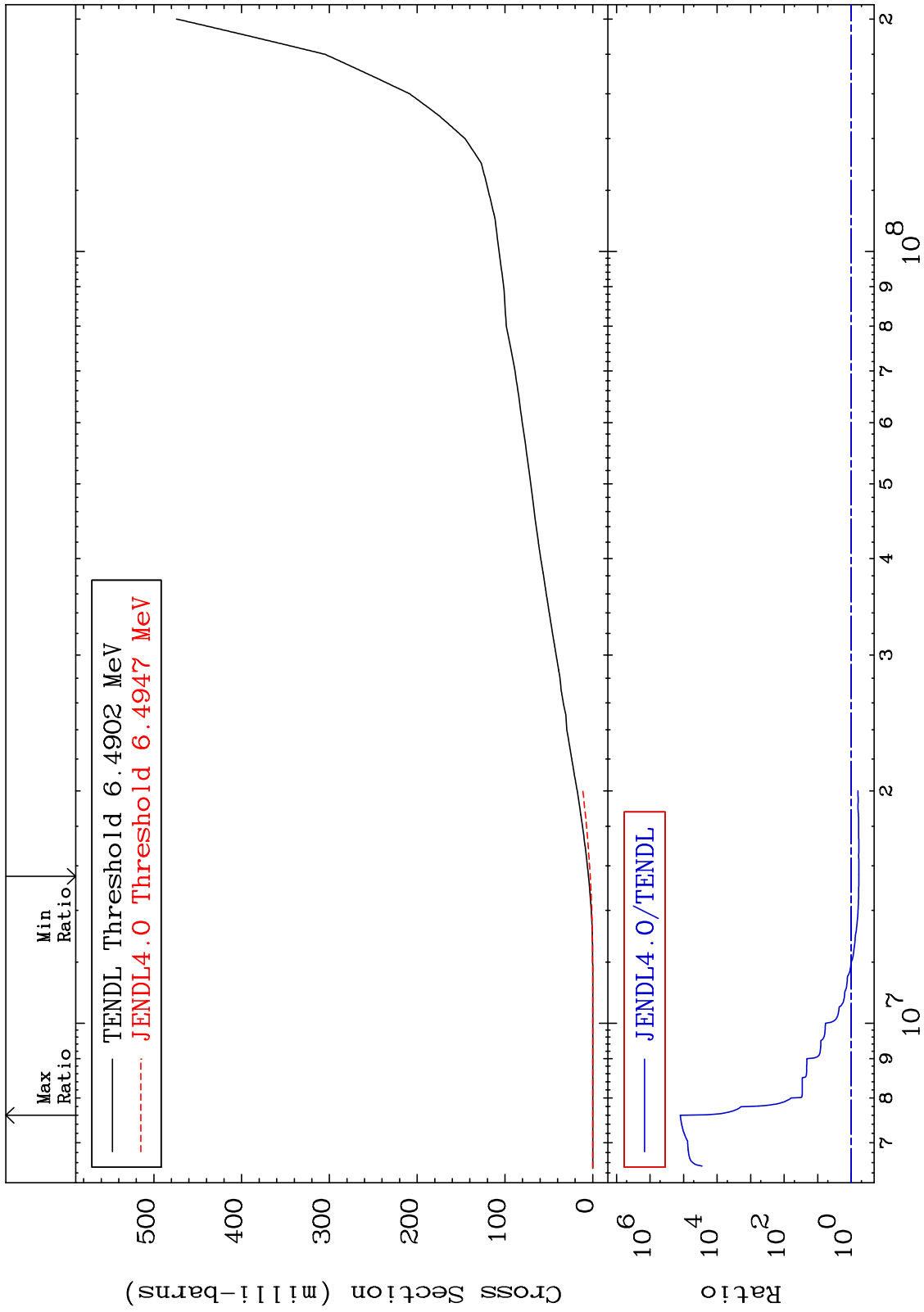


48 46-Pd-104





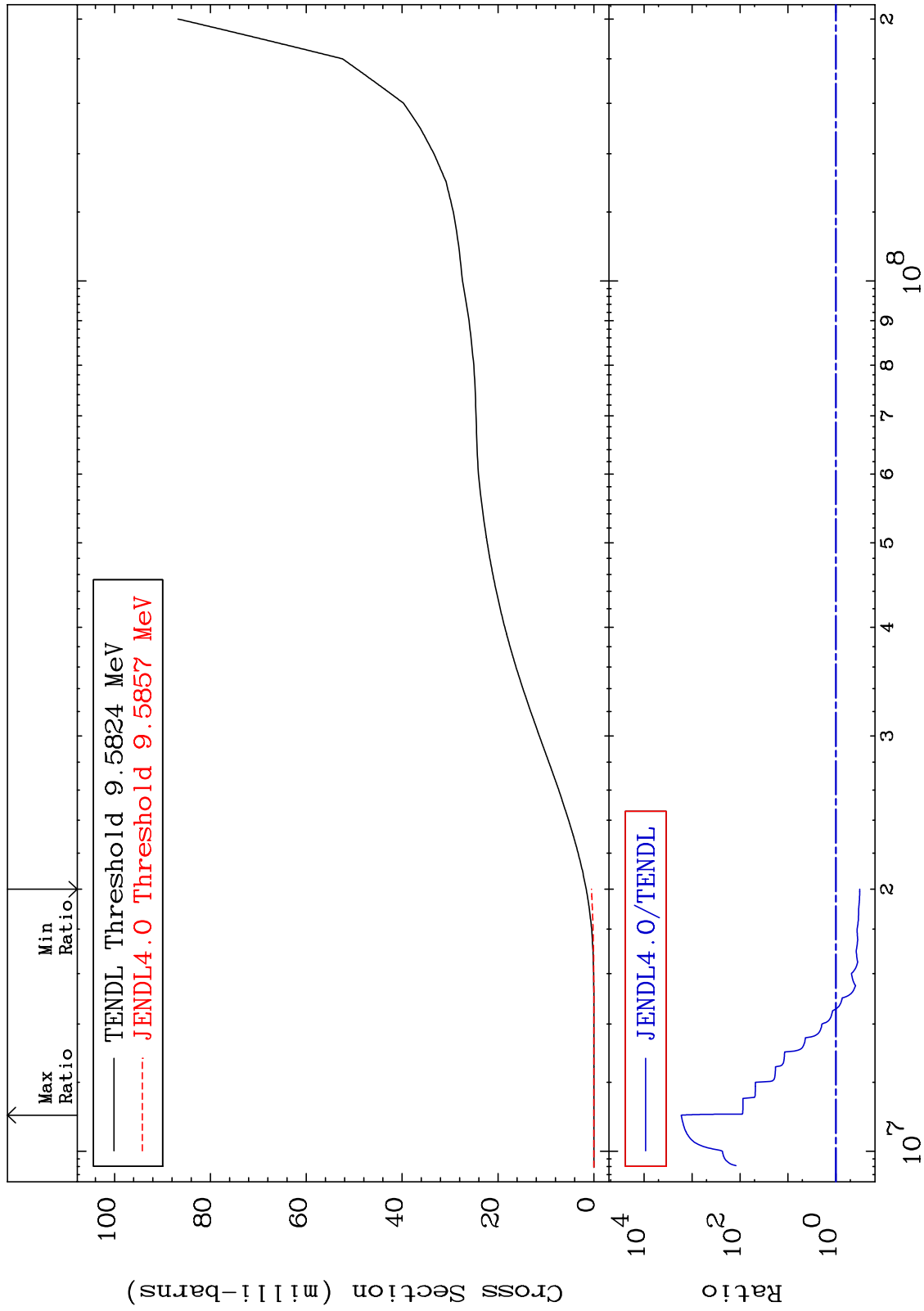
MAT 4631 Deuterium Production Cross Section 46-Pd-104  
 -40.68 To 9999. %



MAT 4631

Tritium Production  
Cross Section

46-Pd-104  
-68.15 To 9999. %



52

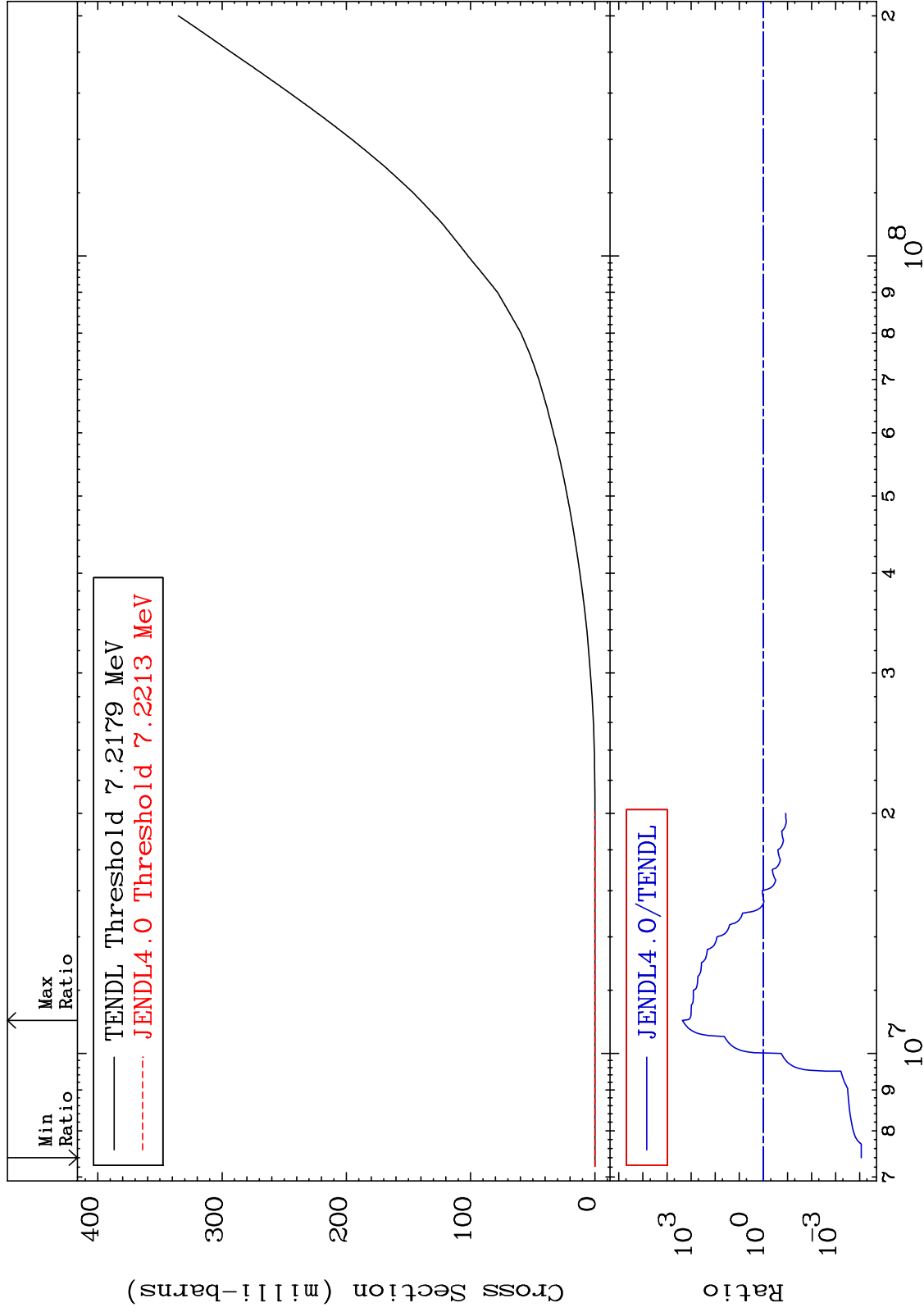
Incident Energy (eV)

46-Pd-104

MAT 4631

He-3 Production  
Cross Section

46-Pd-104  
-99.99 To 9999. %



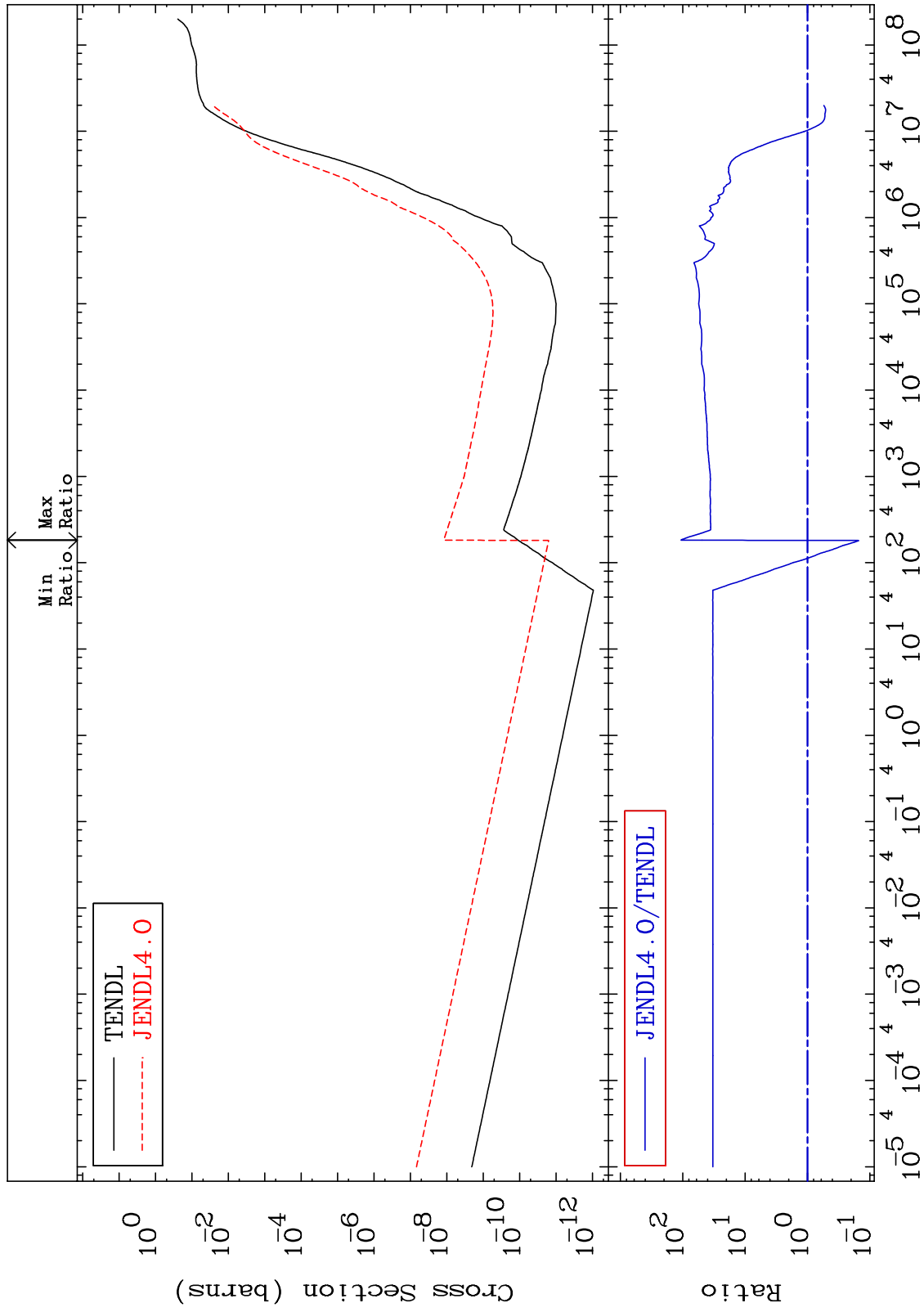
53

46-Pd-104

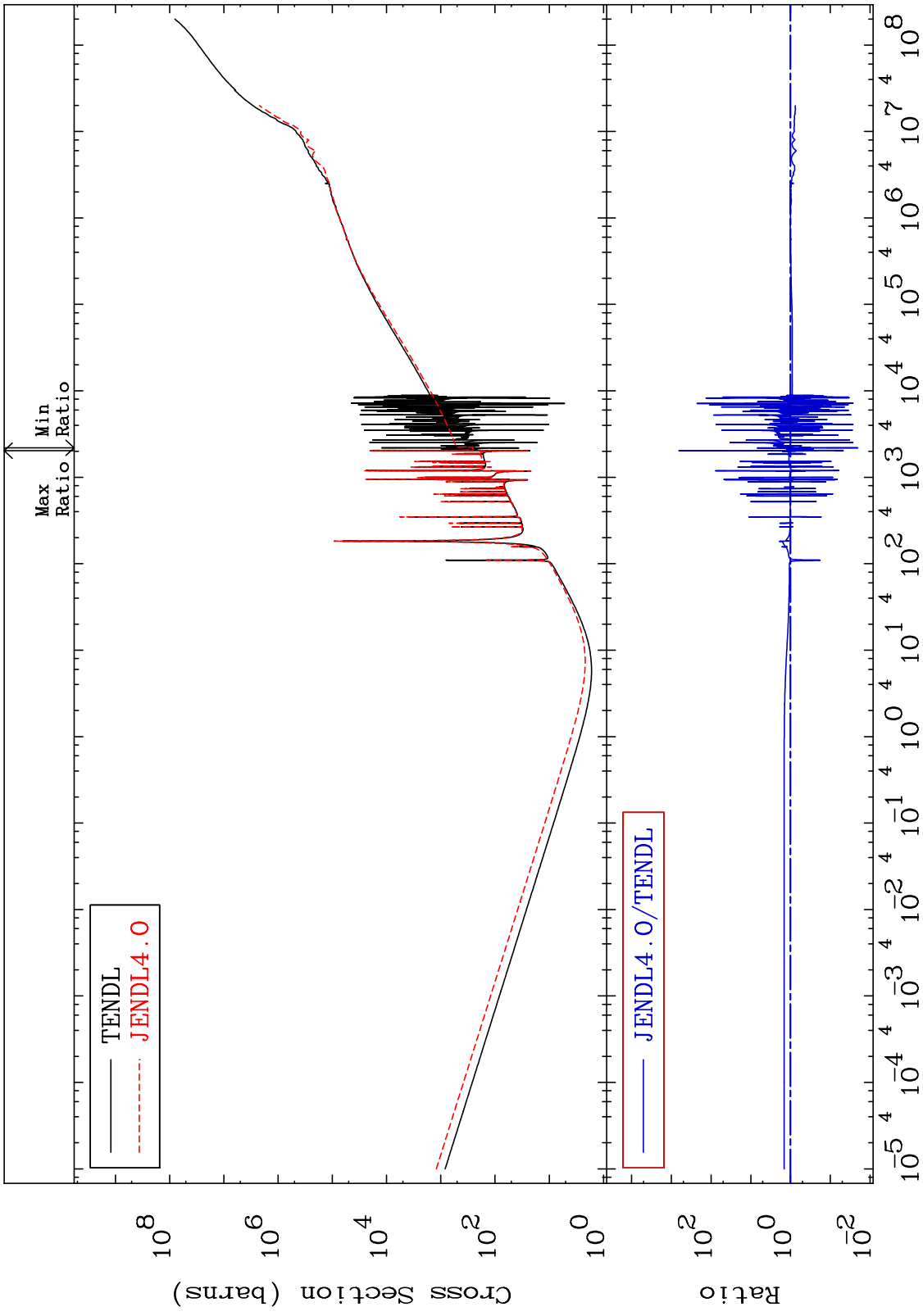
MAT 4631

He-4 Production  
Cross Section

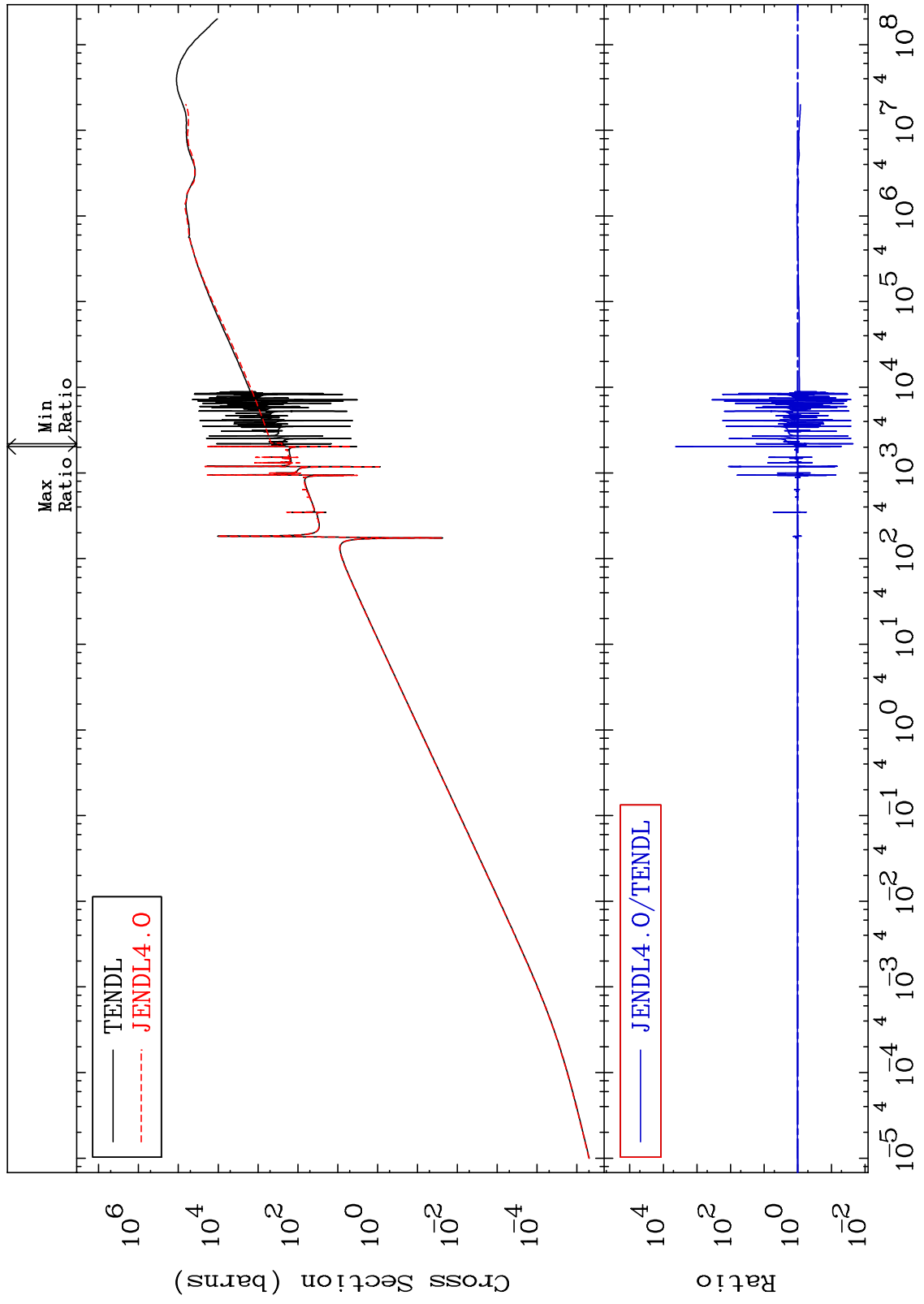
46-Pd-104  
-85.07 To 9999. %



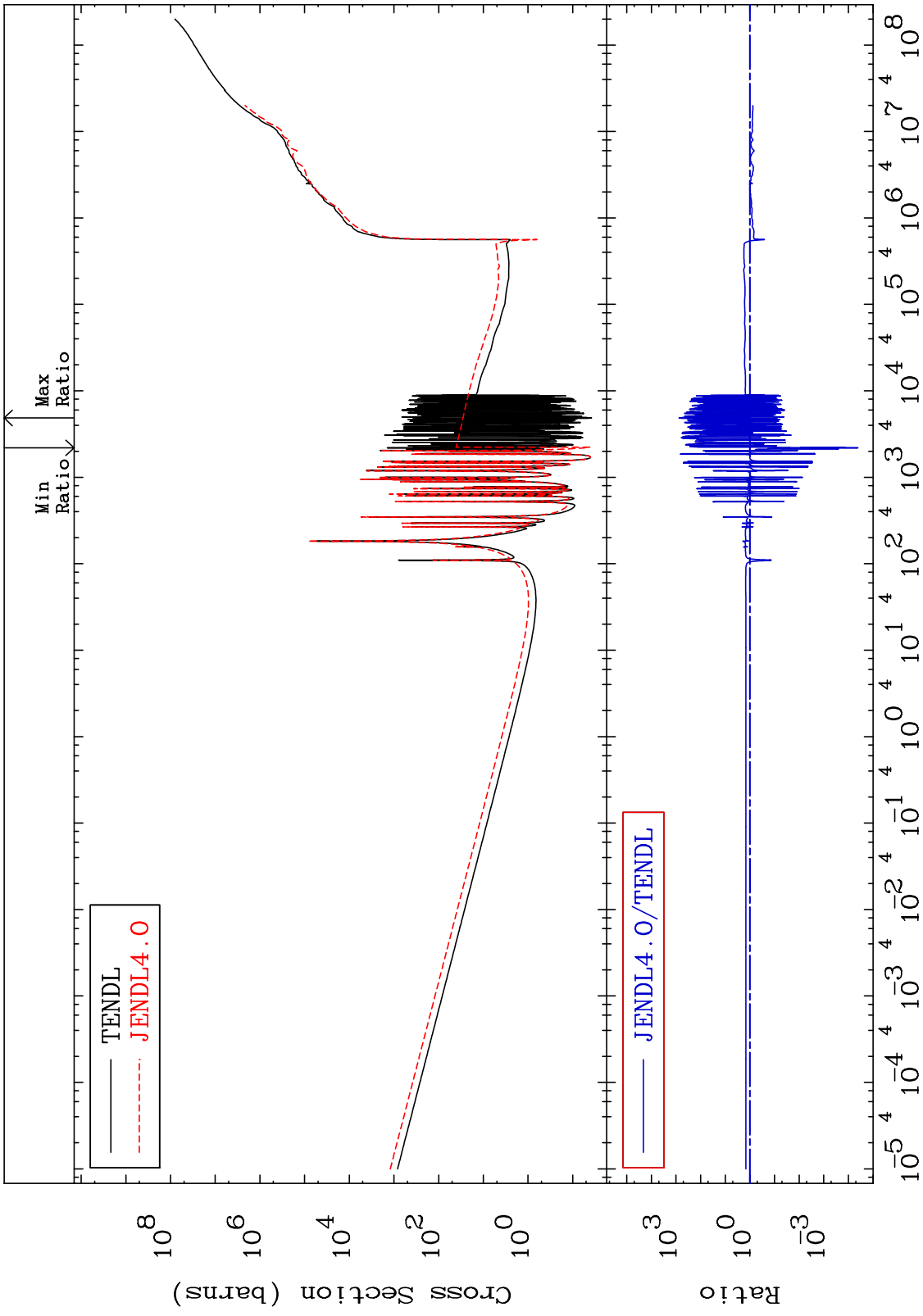
MAT 4631      Kerma total (eV-barns)      46-Pd-104  
 Cross Section      -97.97 To 9999. %







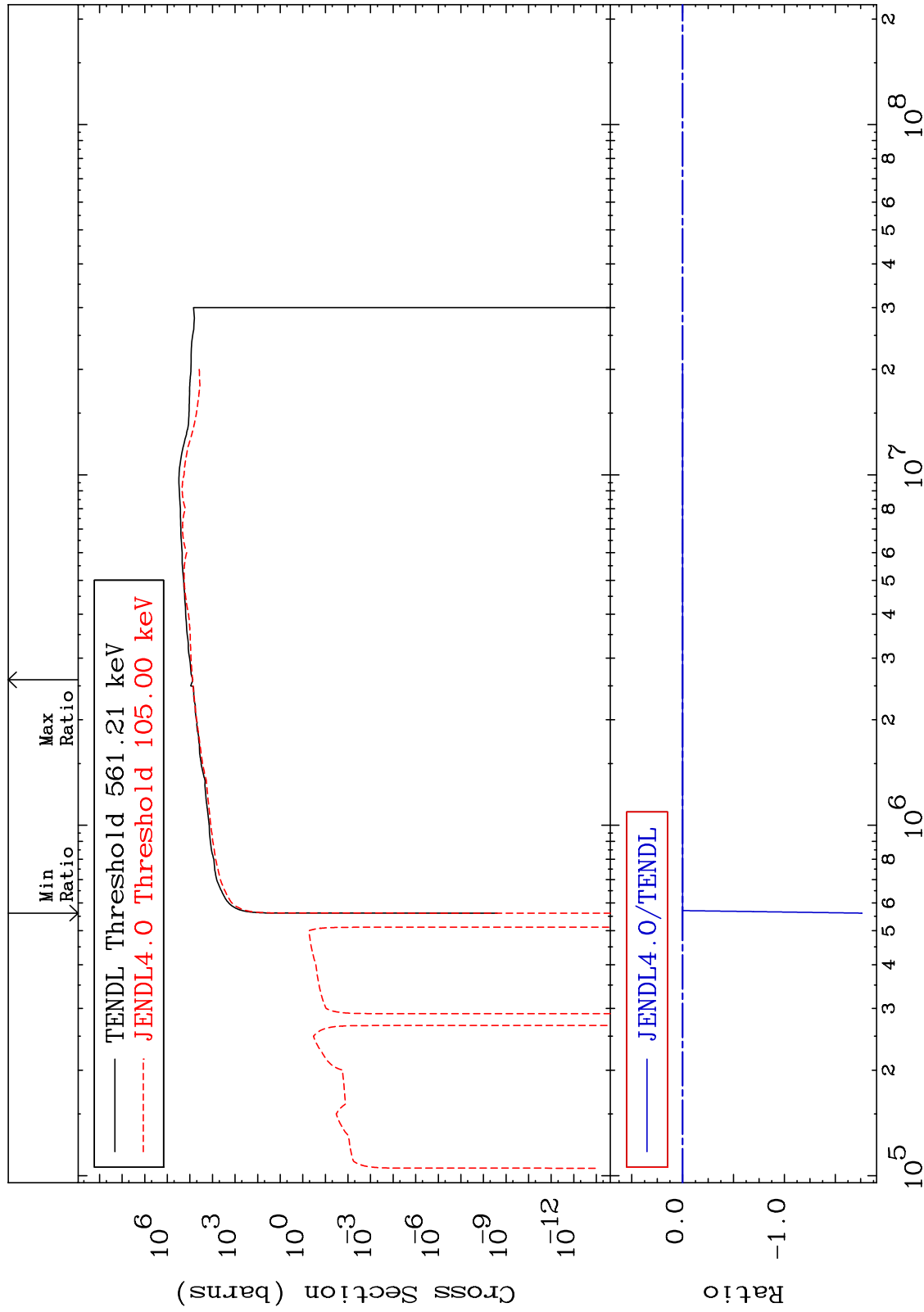
MAT 4631 Kerma non-elastic (all but mt2) 46-Pd-104  
 Cross Section -100.0 To 9999. %



MAT 4631

Kerma inelastic (mt51-91)  
Cross Section

46-Pd-104  
-9999. To 3.828 %



58

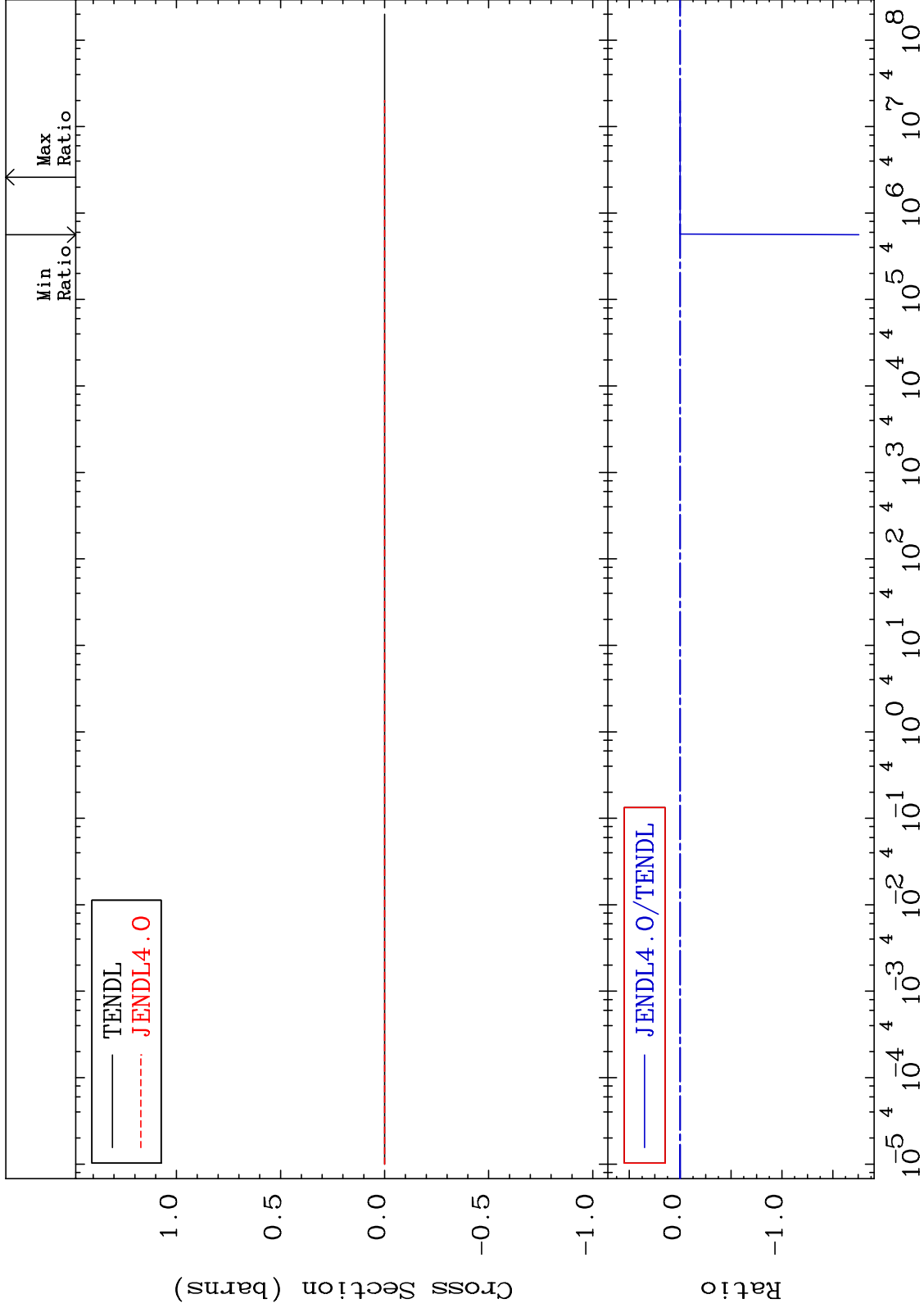
Incident Energy (eV)

46-Pd-104

MAT 4631

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

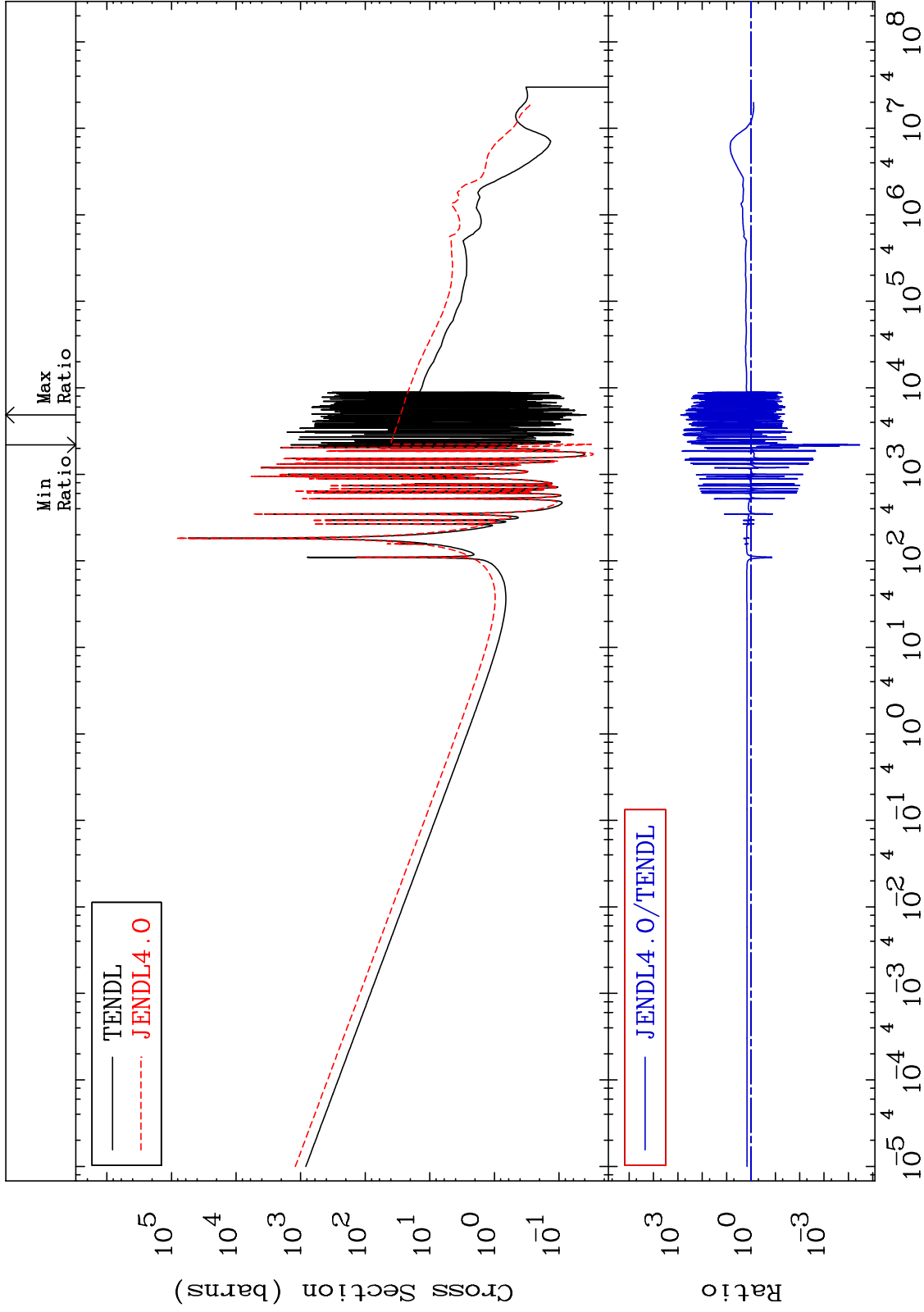
46-Pd-104  
-9999. To 3.828 %



MAT 4631

Kerma capture (mt102)  
Cross Section

46-Pd-104  
-100.0 To 9999. %

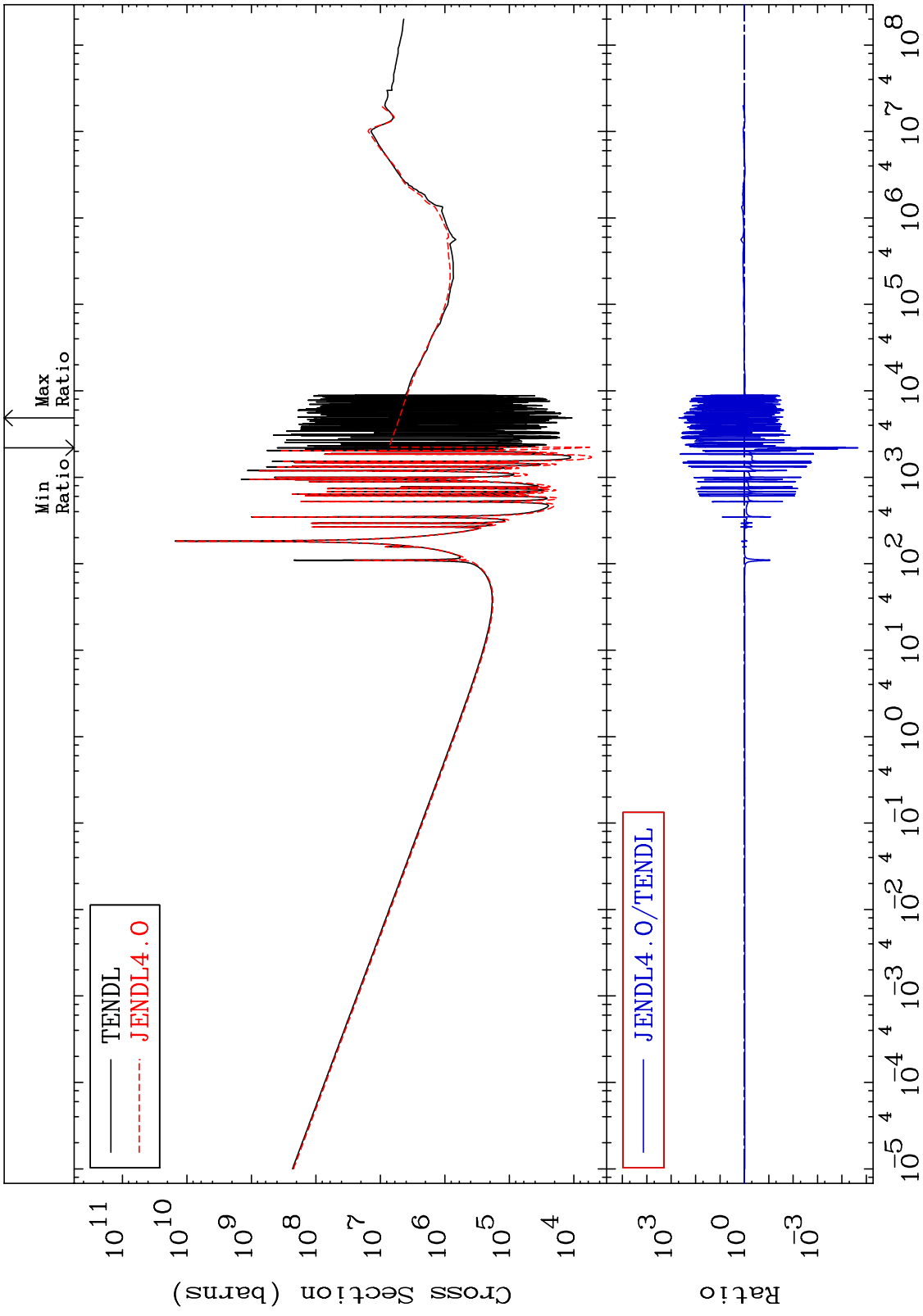


60

Incident Energy (eV)

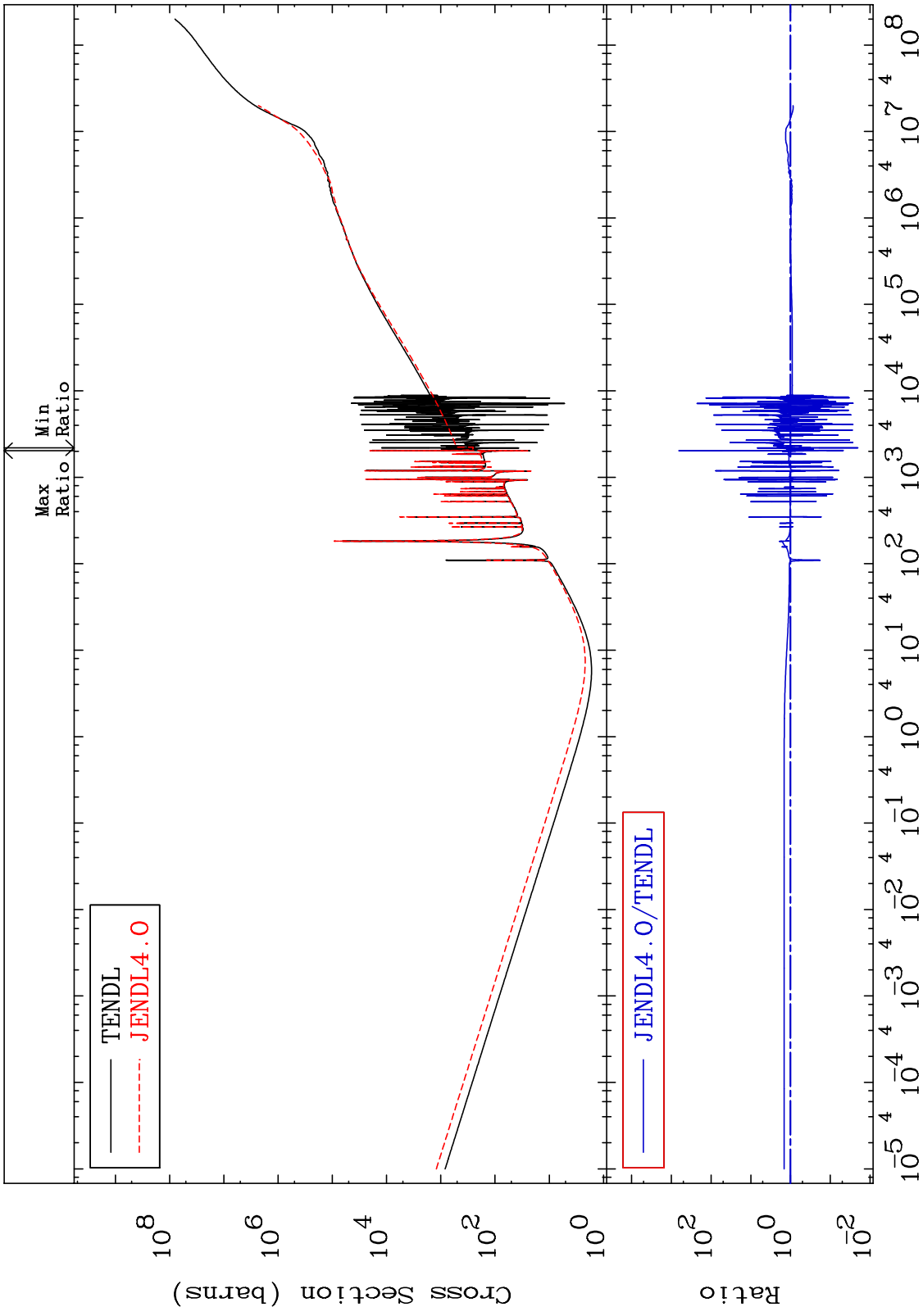
46-Pd-104

MAT 4631      Total photon (eV-barns) Cross Section      46-Pd-104  
-100.0 To 9999. %



61      Incident Energy (eV)      46-Pd-104

MAT 4631 Total kinematic kerma (high limit) 46-Pd-104  
Cross Section -97.97 To 9999. %



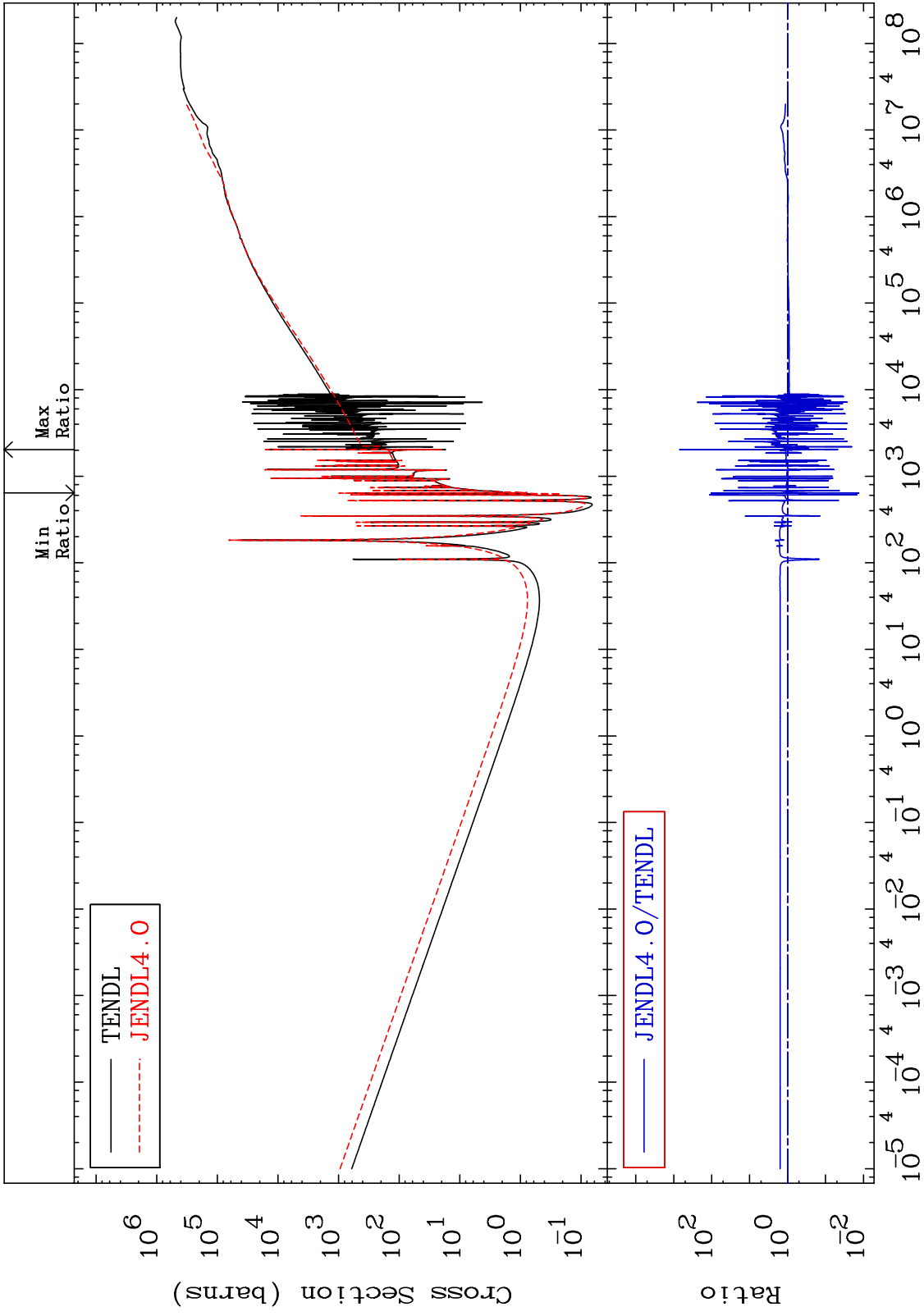
62 Incident Energy (eV) 46-Pd-104

MAT 4631

Dpa total (eV-barns)  
Cross Section

46-Pd-104

-98.67 To 9999. %



46-Pd-104

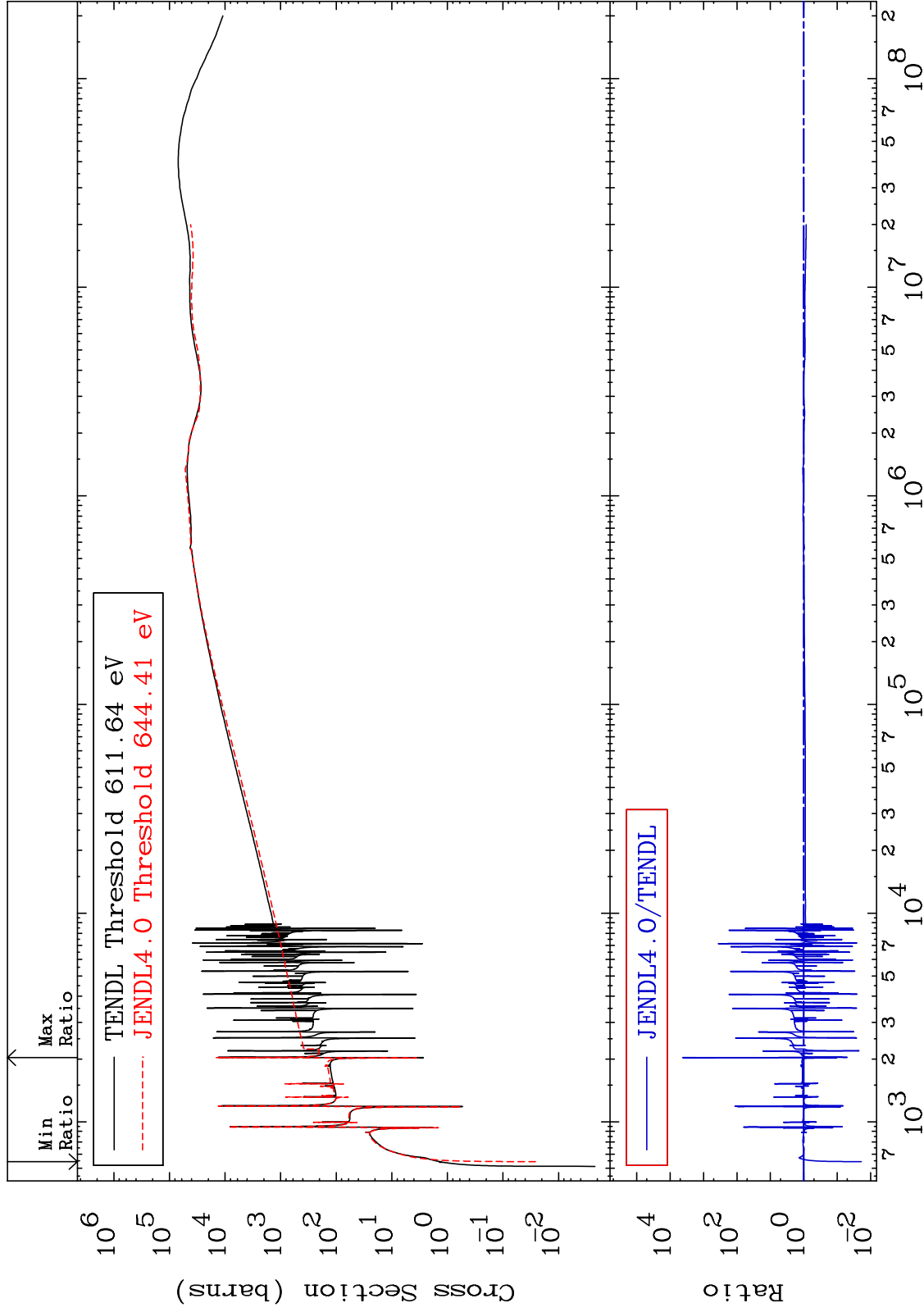
Incident Energy (eV)



MAT 4631

Dpa elastic (mt2)  
Cross Section

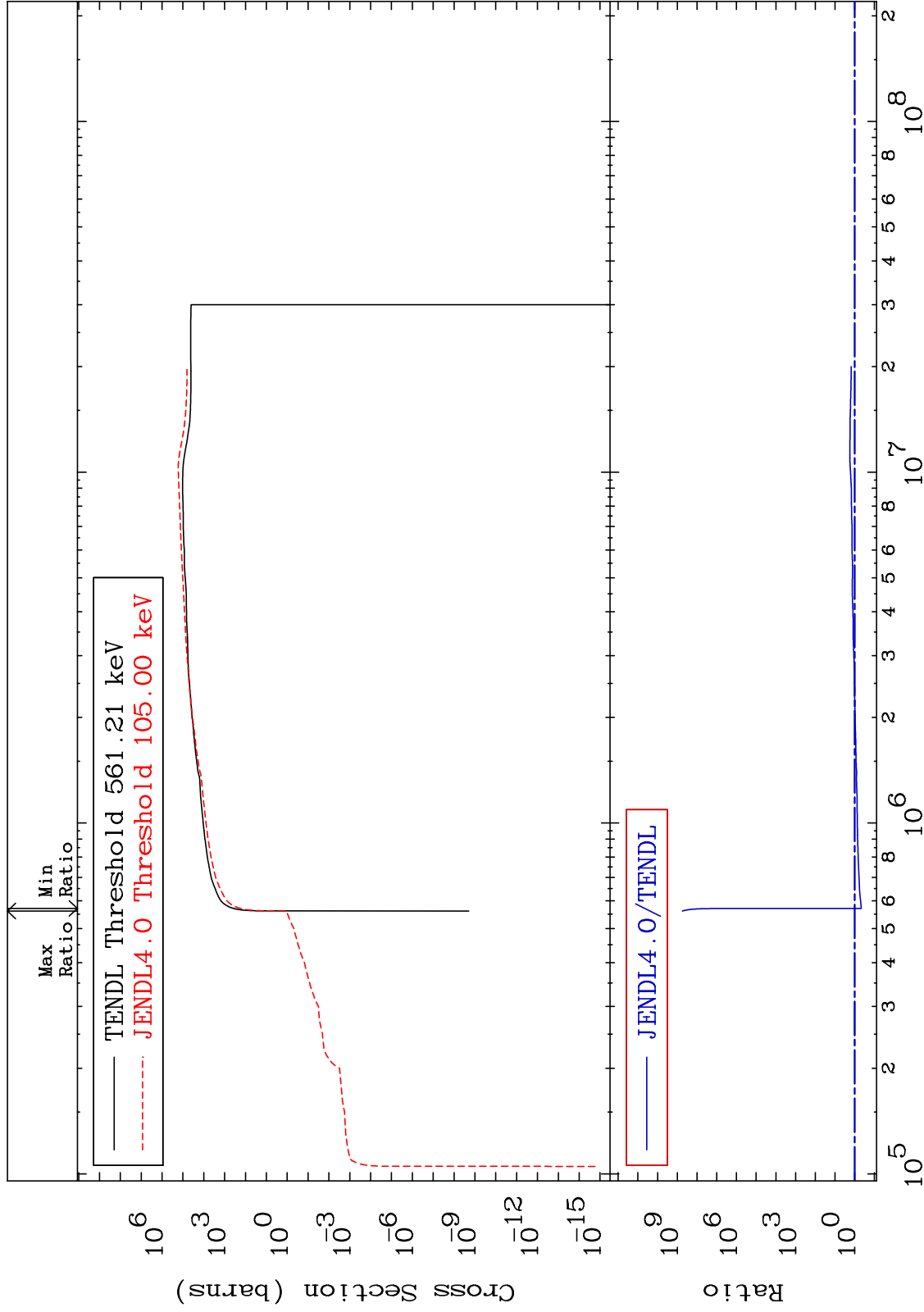
46-Pd-104  
-98.08 To 9999. %



MAT 4631

Dpa inelastic (mt51-91)  
Cross Section

46-Pd-104  
-53.48 To 9999. %



65

Incident Energy (eV)

46-Pd-104

MAT 4631      Dpa disappearance (mt102 -120)      46-Pd-104  
 Cross Section      -100.0 To 9999. %

