

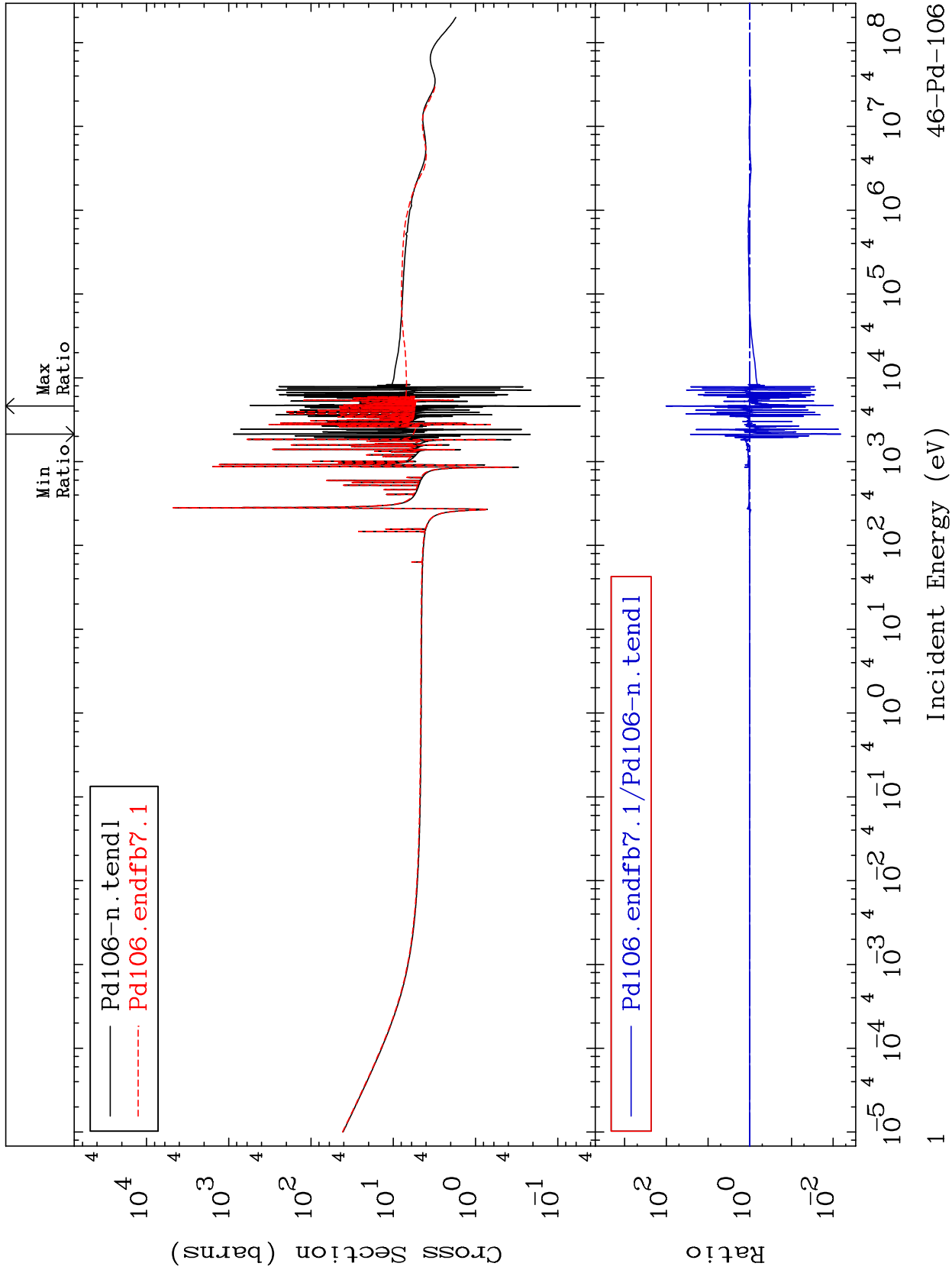
MAT 4637

Total

46-Pd-106

Cross Section

-99.34 To 9999. %



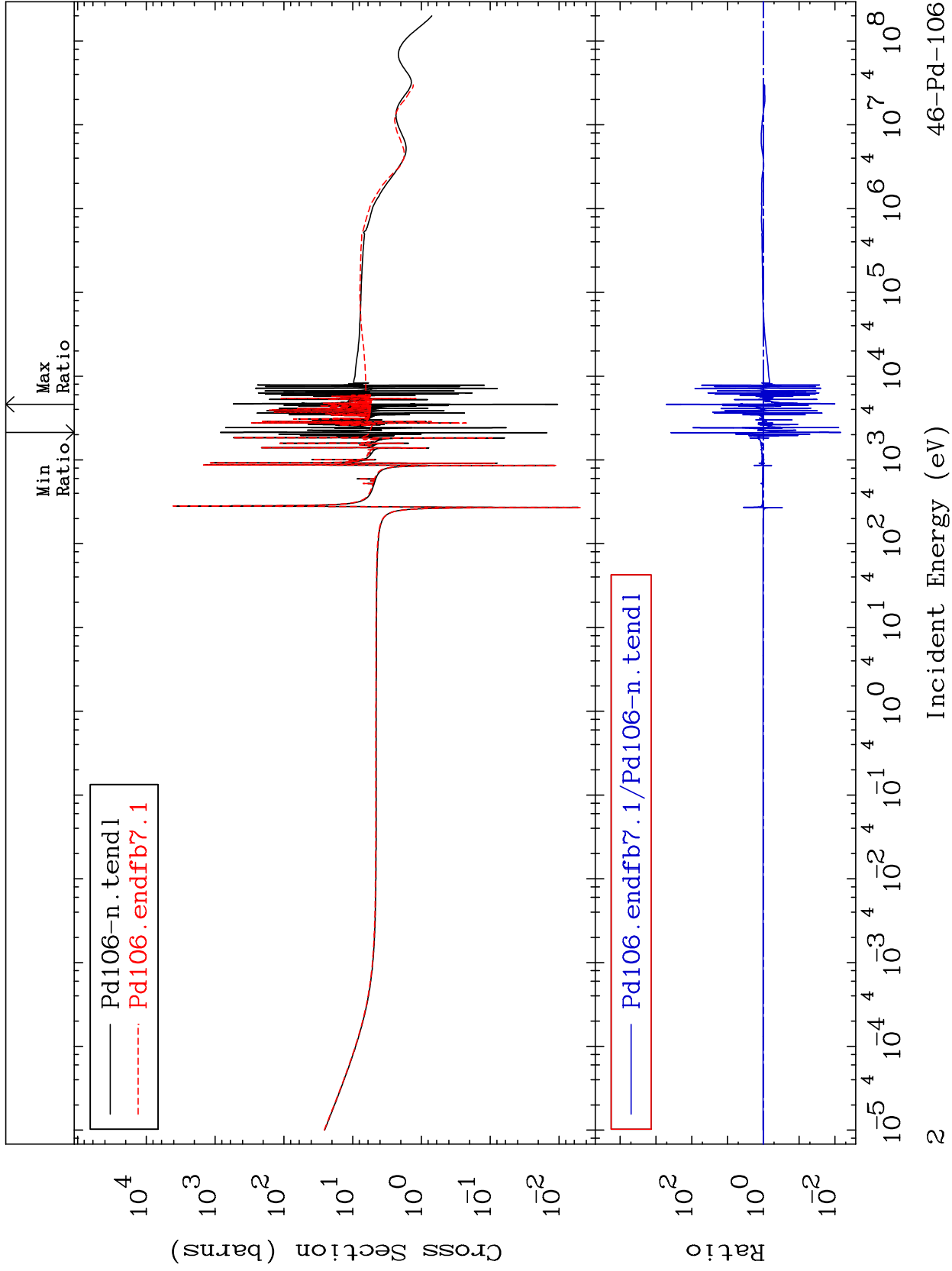
Incident Energy (eV)

46-Pd-106

MAT 4637

Elastic  
Cross Section

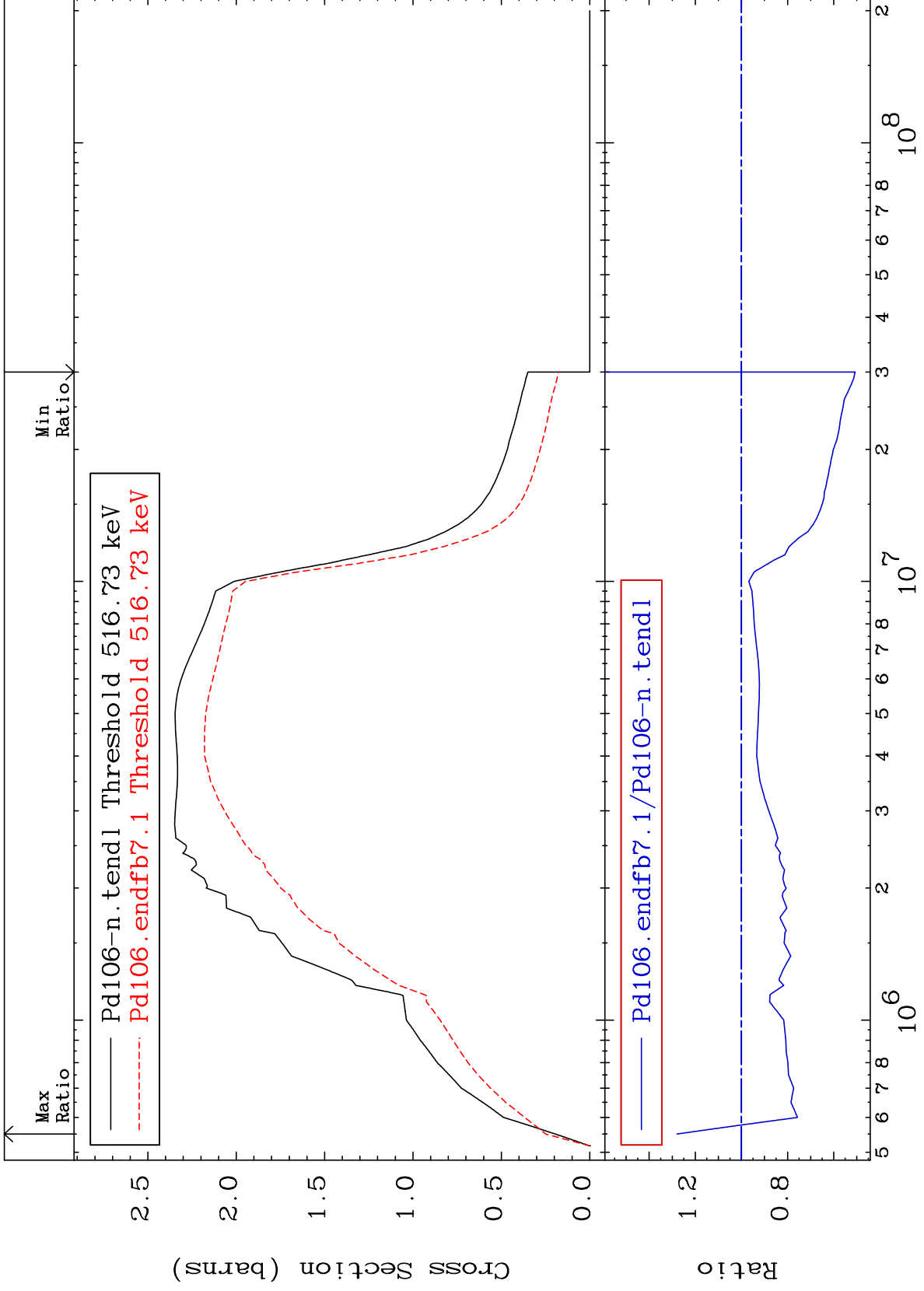
46-Pd-106  
-99.32 To 9999. %



MAT 4637

Inelastic  
Cross Section

46-Pd-106  
-49.28 To 27.97 %



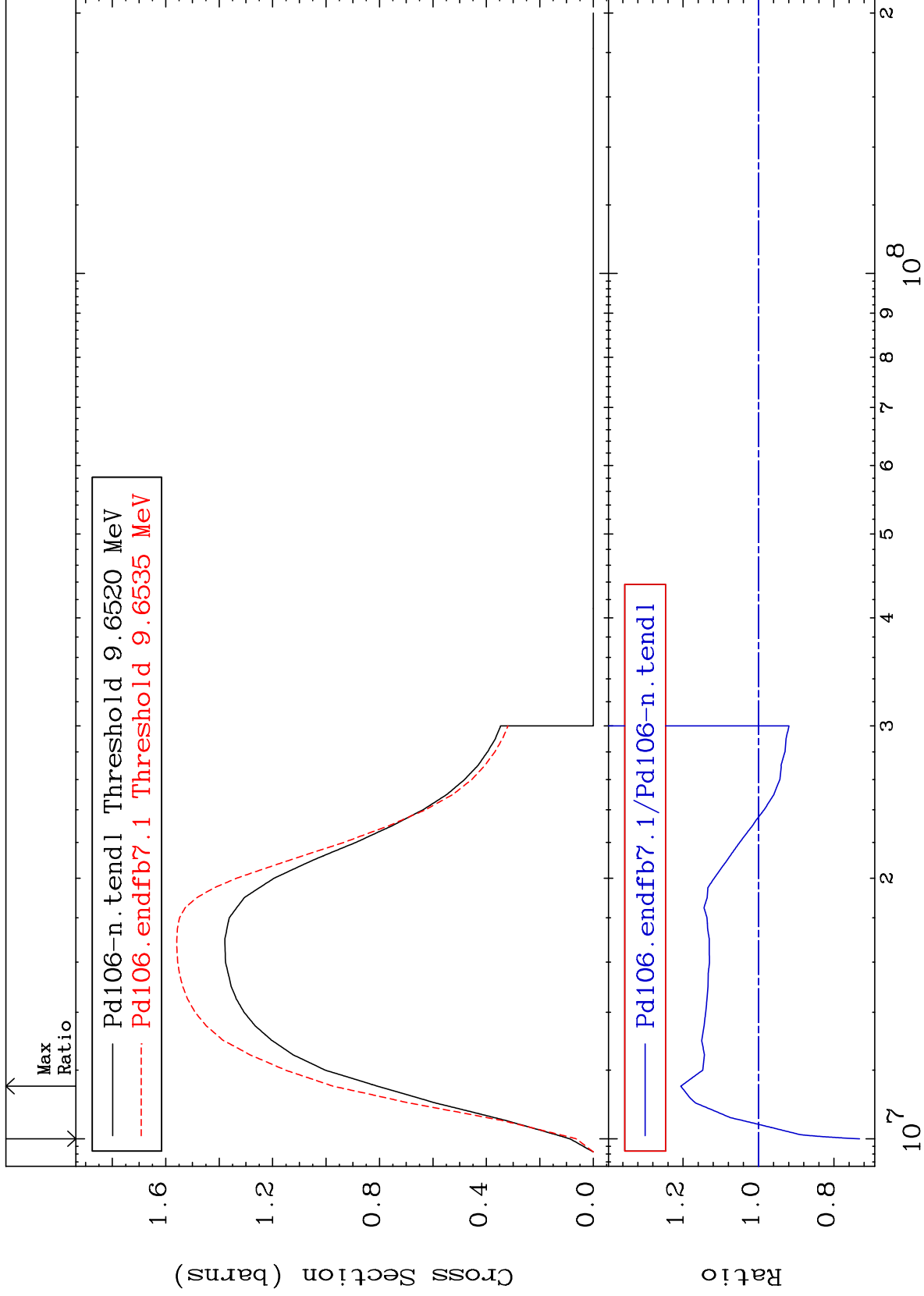
3

46-Pd-106

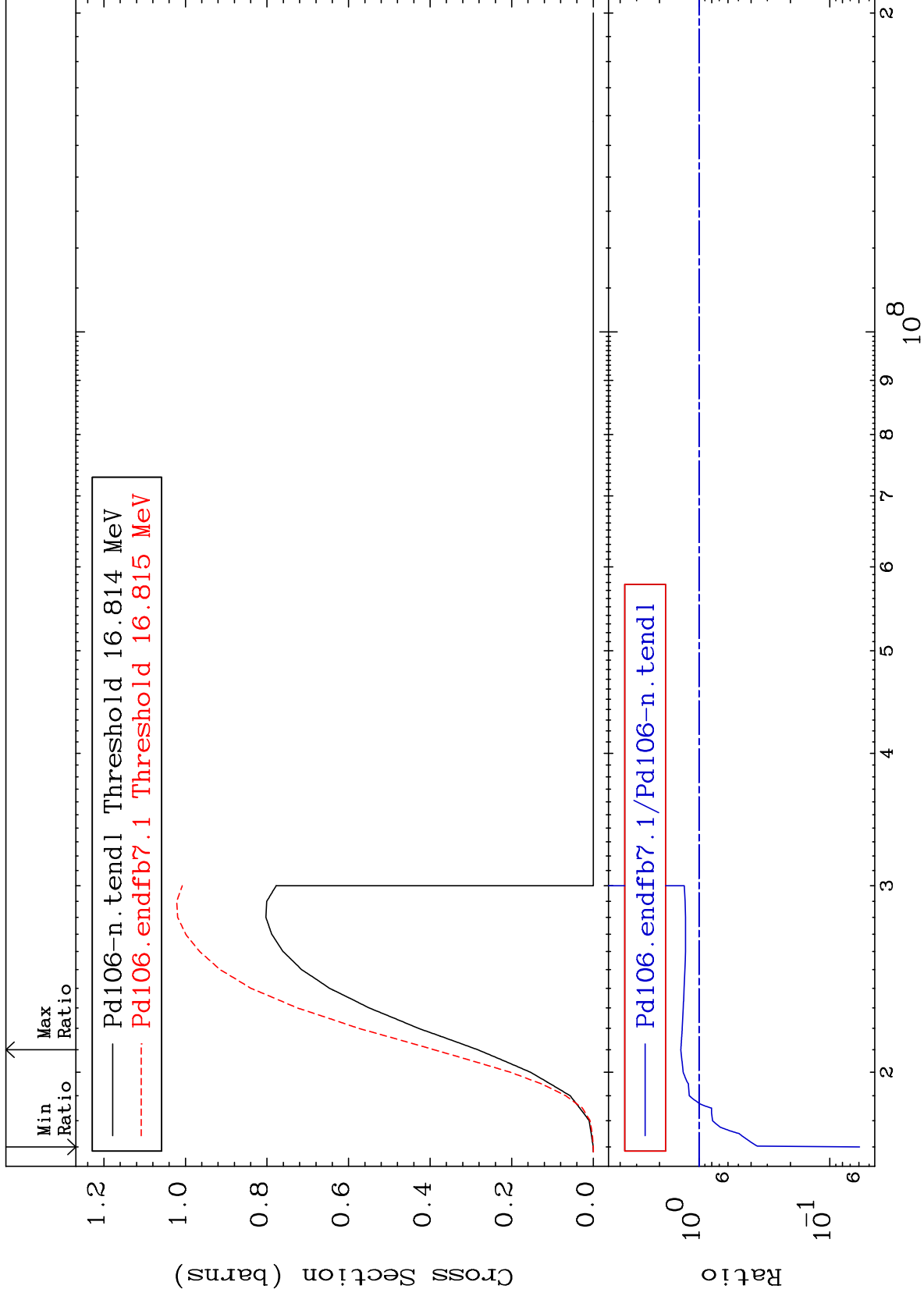
MAT 4637

(n,2n)  
Cross Section

46-Pd-106  
-26.76 To 20.62 %



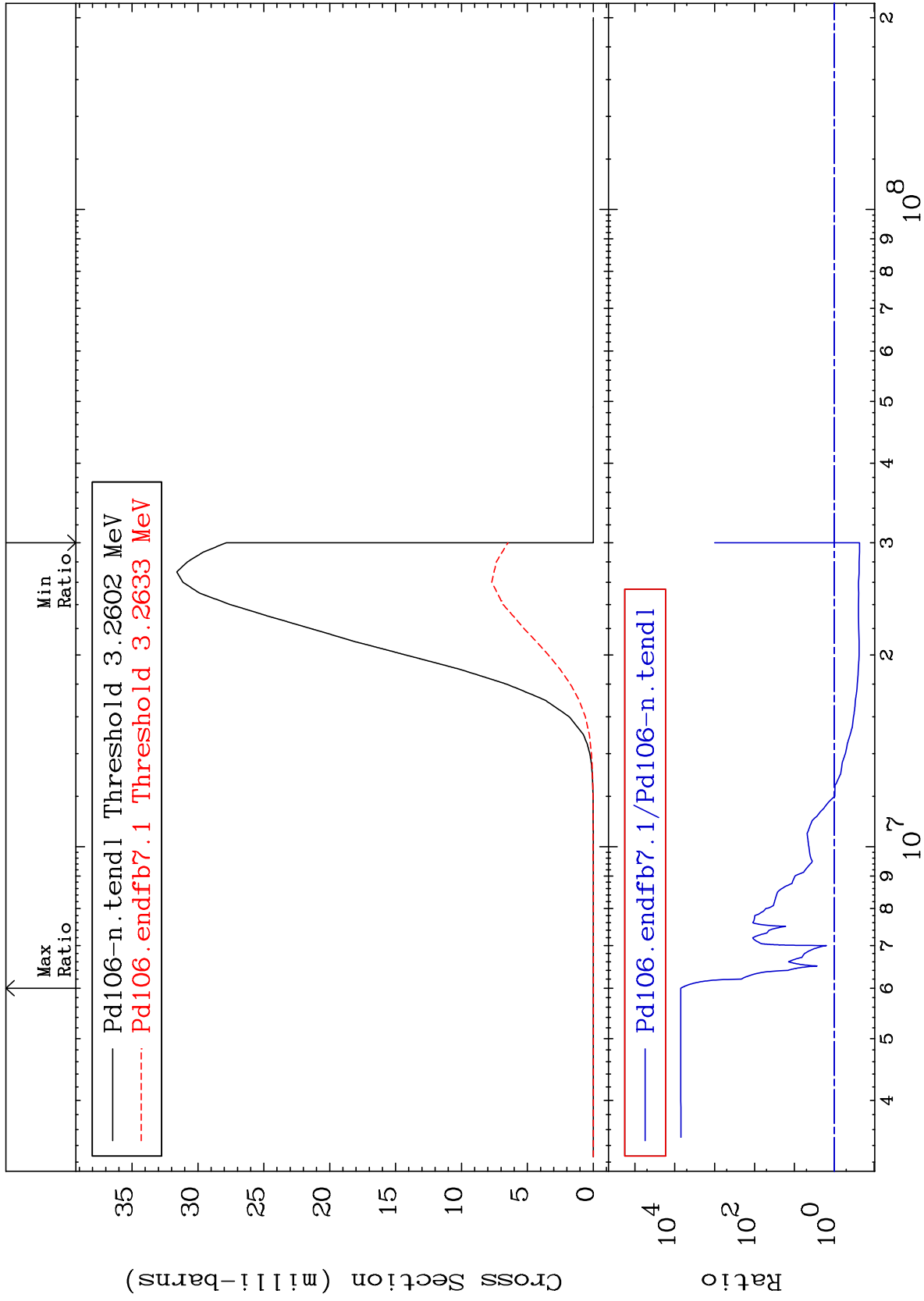
46-Pd-106



MAT 4637

(n, n')  $\alpha$   
Cross Section

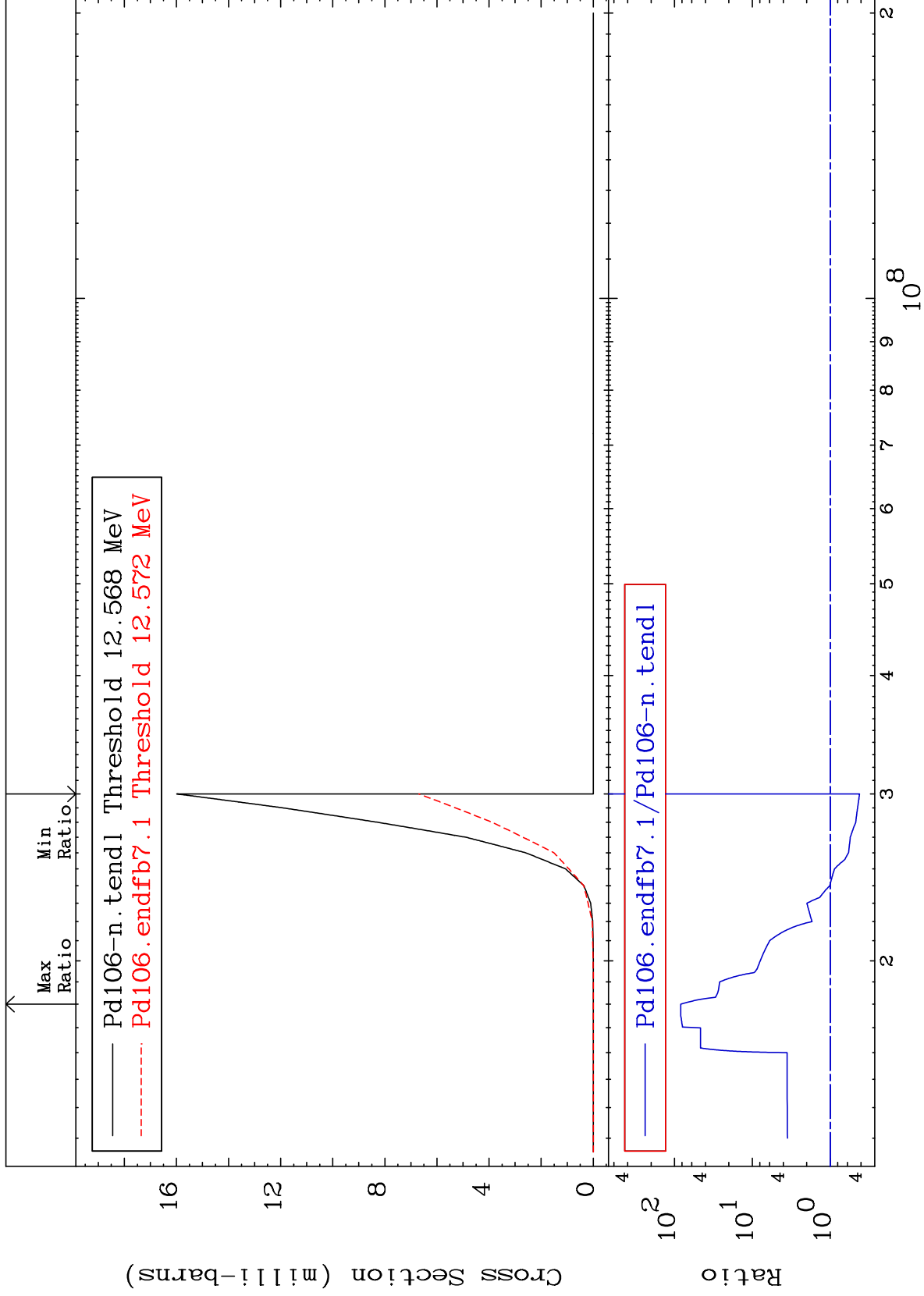
46-Pd-106  
-76.75 To 9999. %



MAT 4637

(n,2n)  $\alpha$   
Cross Section

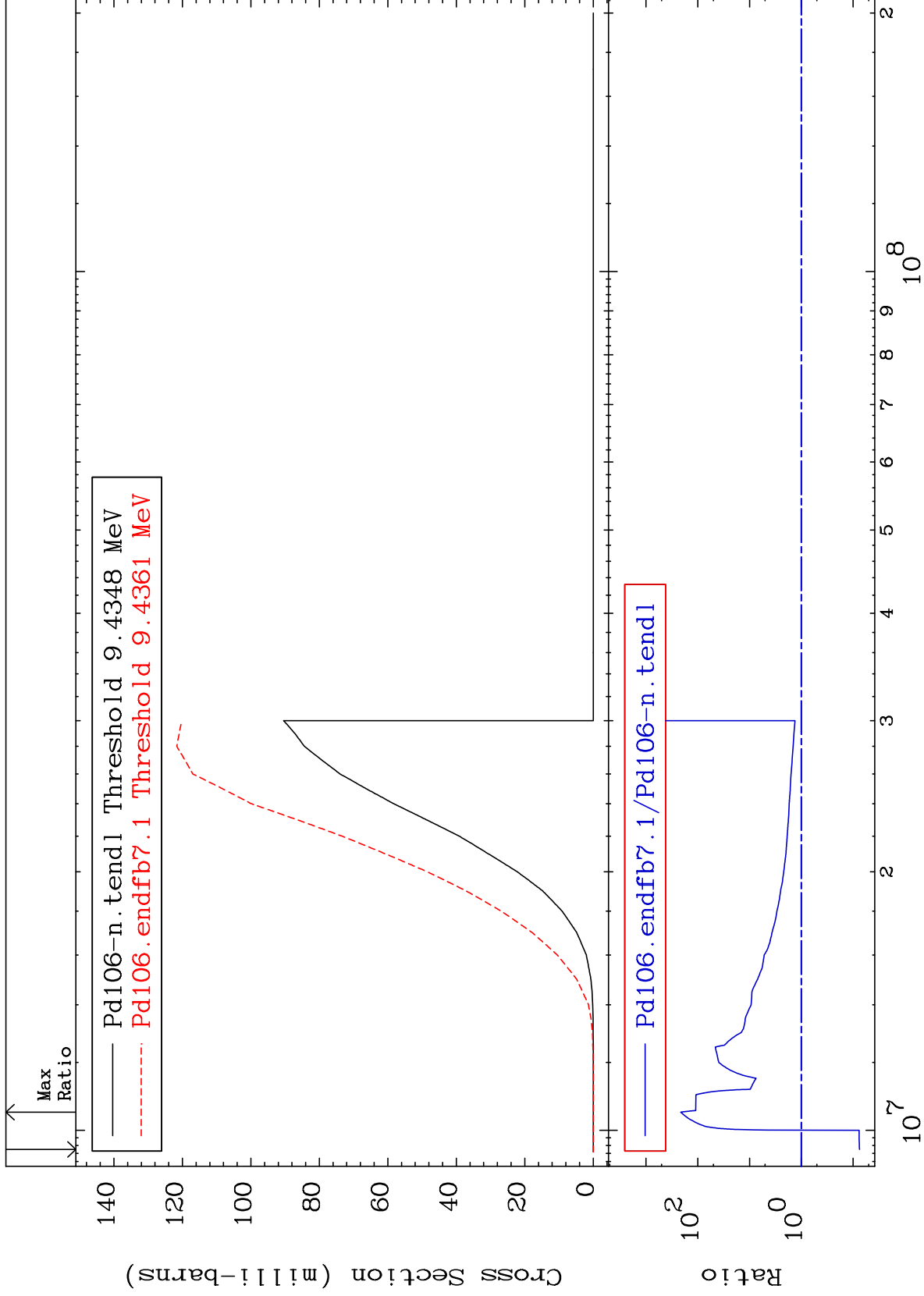
46-Pd-106  
-58.12 To 8213. %



MAT 4637

(n,n') p  
Cross Section

46-Pd-106  
-92.50 To 9999. %



8

Incident Energy (eV)

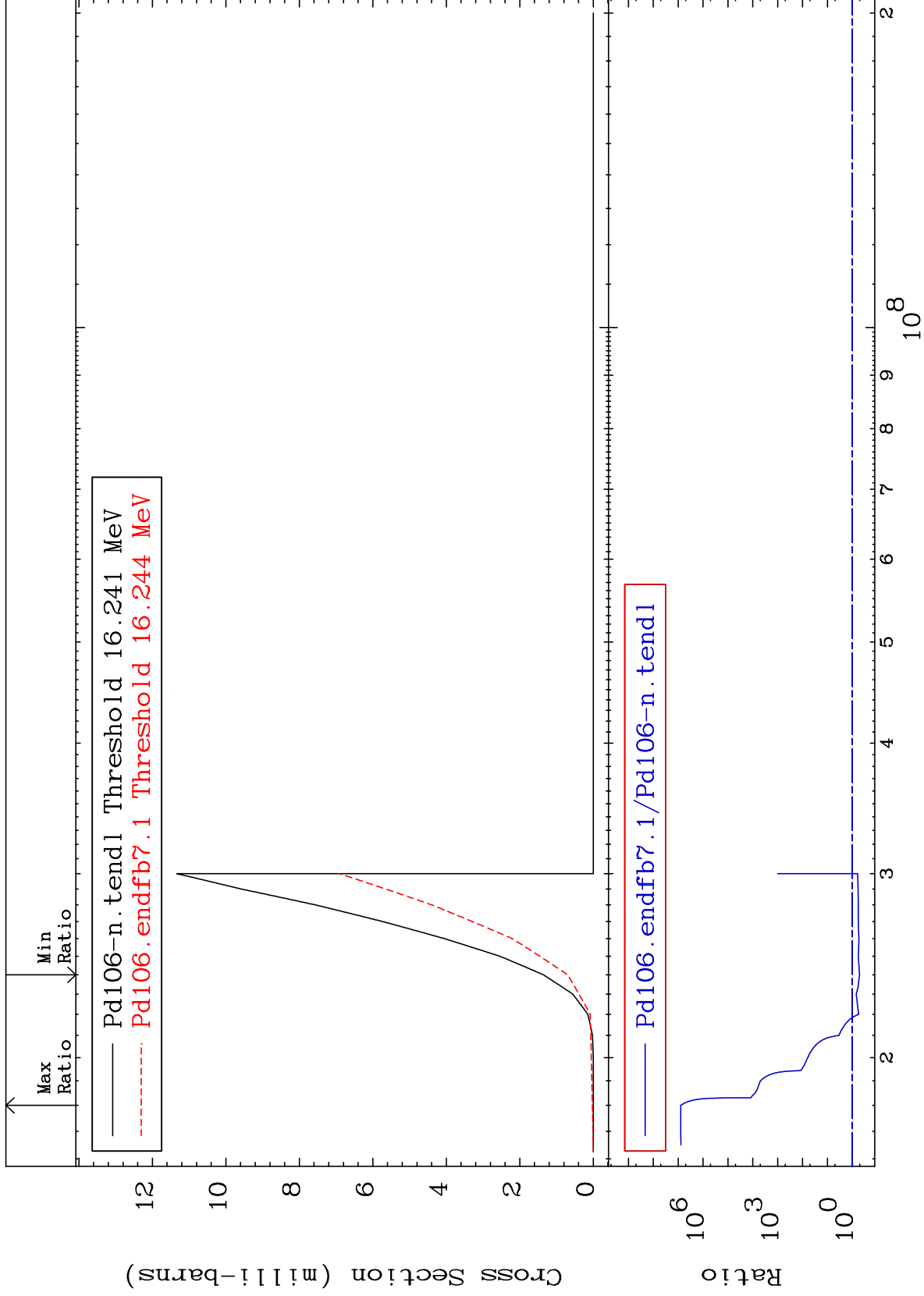
46-Pd-106



MAT 4637

(n,n') d  
Cross Section

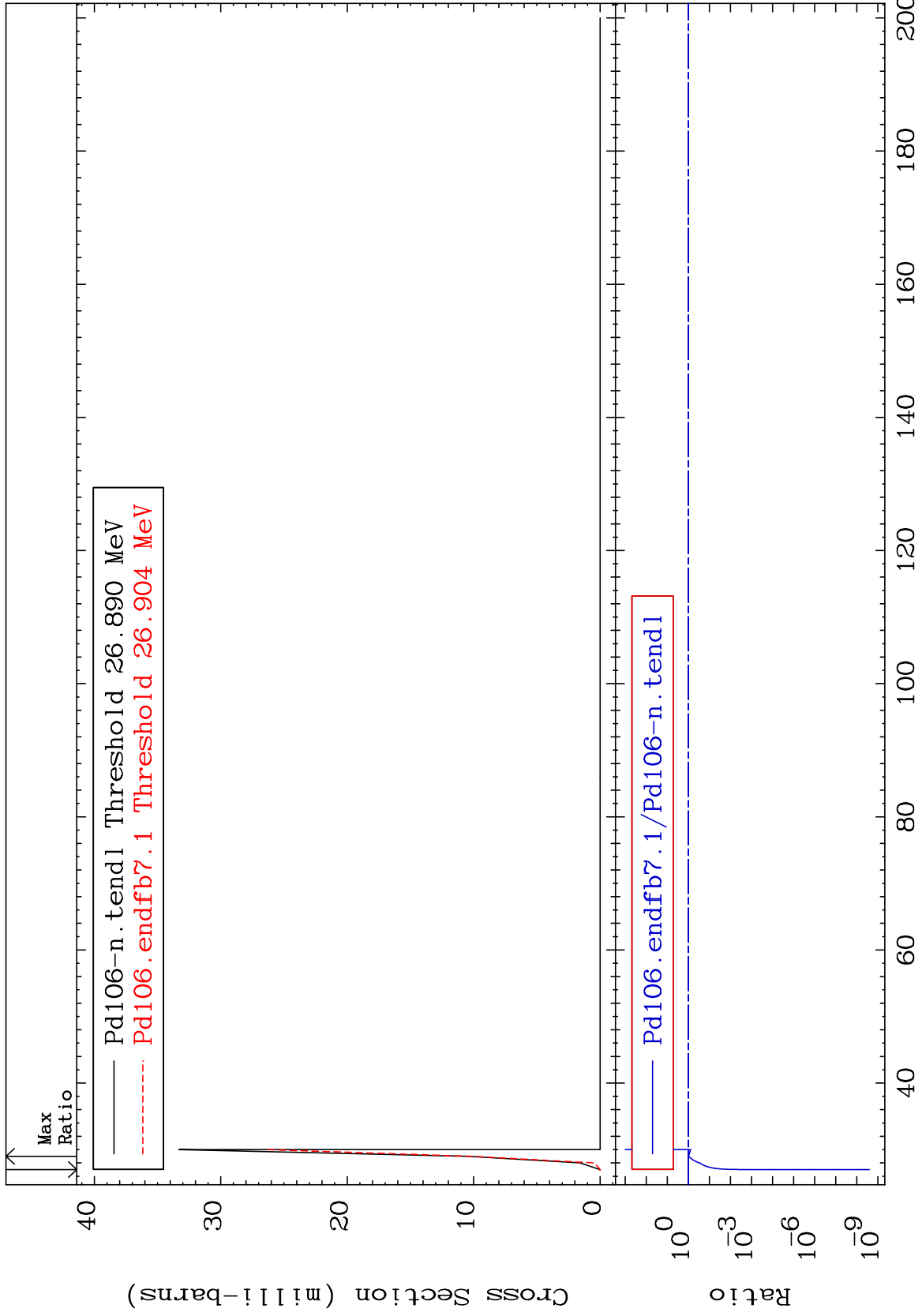
46-Pd-106  
-48.71 To 9999. %



MAT 4637

(n,4n)  
Cross Section

46-Pd-106  
-100.0 To -1.925%



10

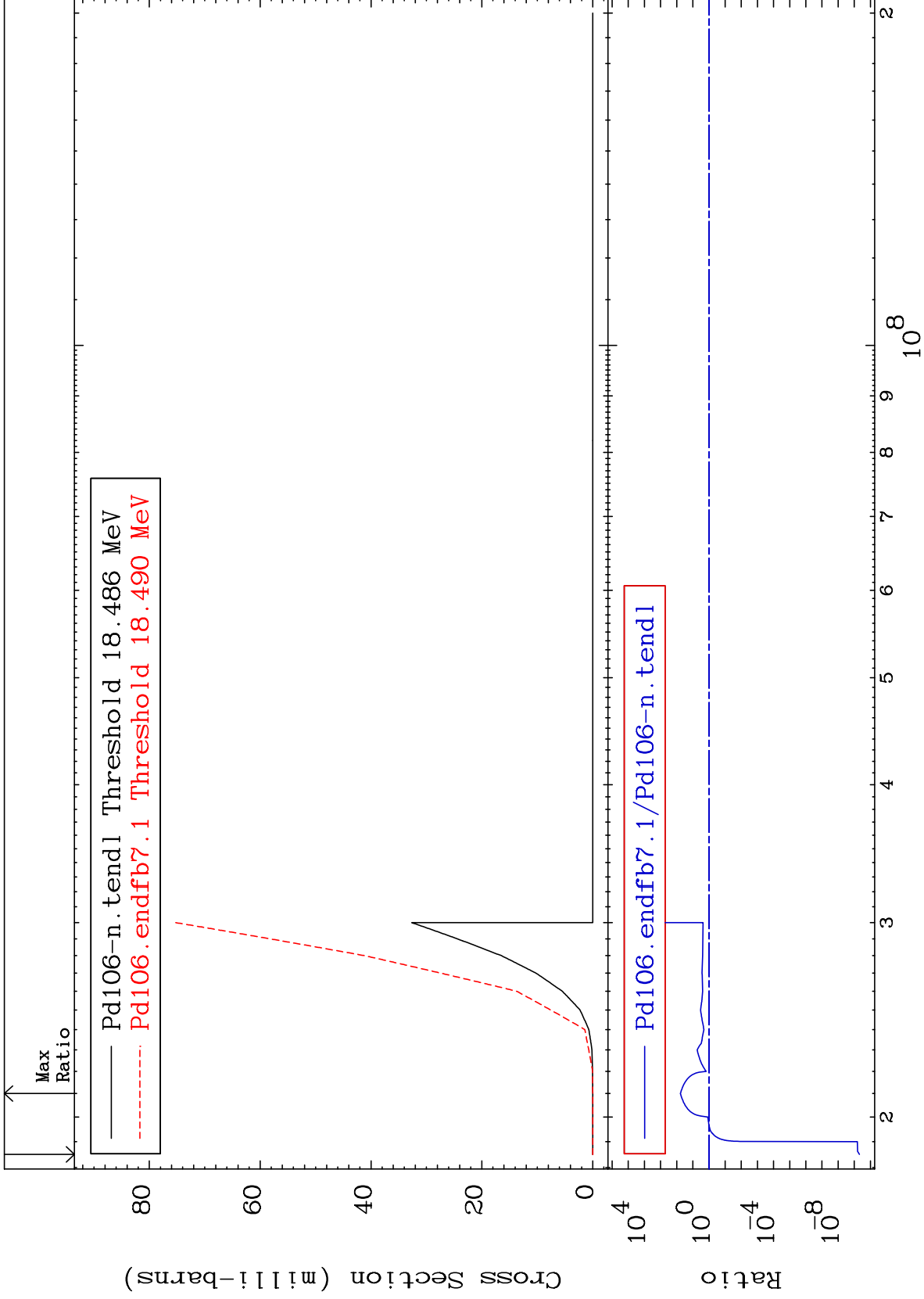
Incident Energy (MeV)

46-Pd-106

MAT 4637

(n,2n) p  
Cross Section

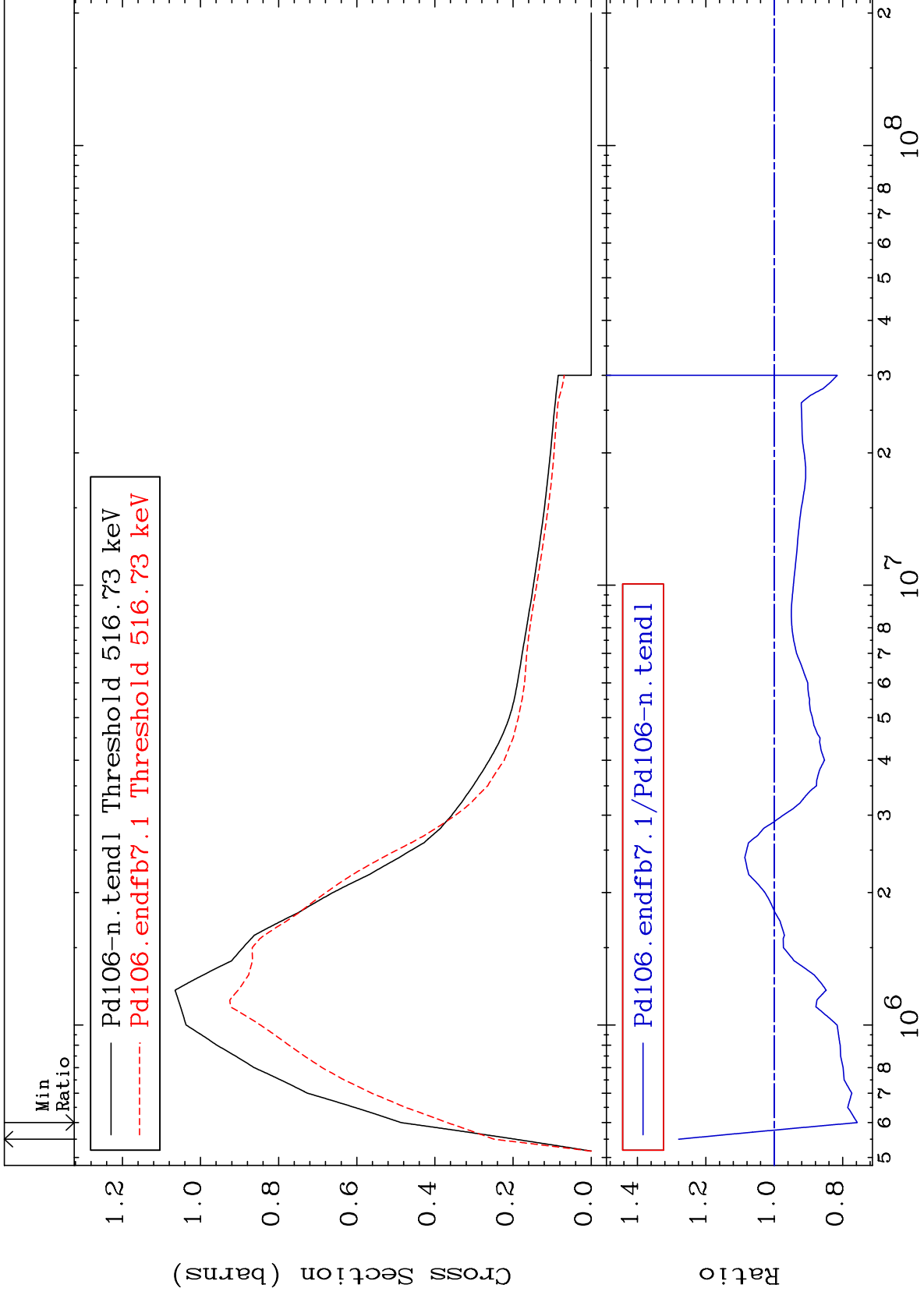
46-Pd-106  
-100.0 To 5839. %



MAT 4637

511.9 keV (n,n') Level  
Cross Section

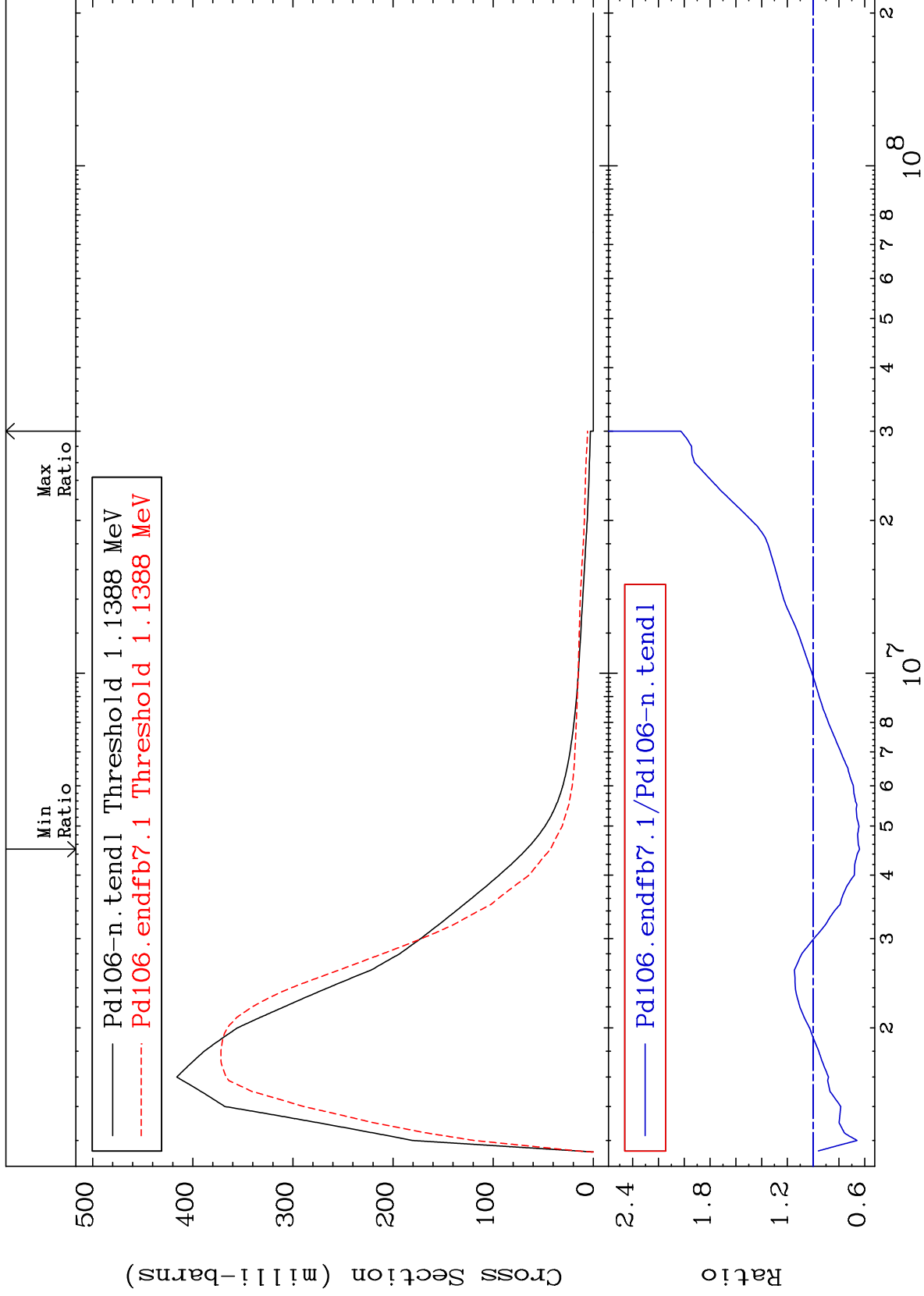
46-Pd-106  
-24.25 To 27.97 %



MAT 4637

1.128 MeV (n,n') Level  
Cross Section

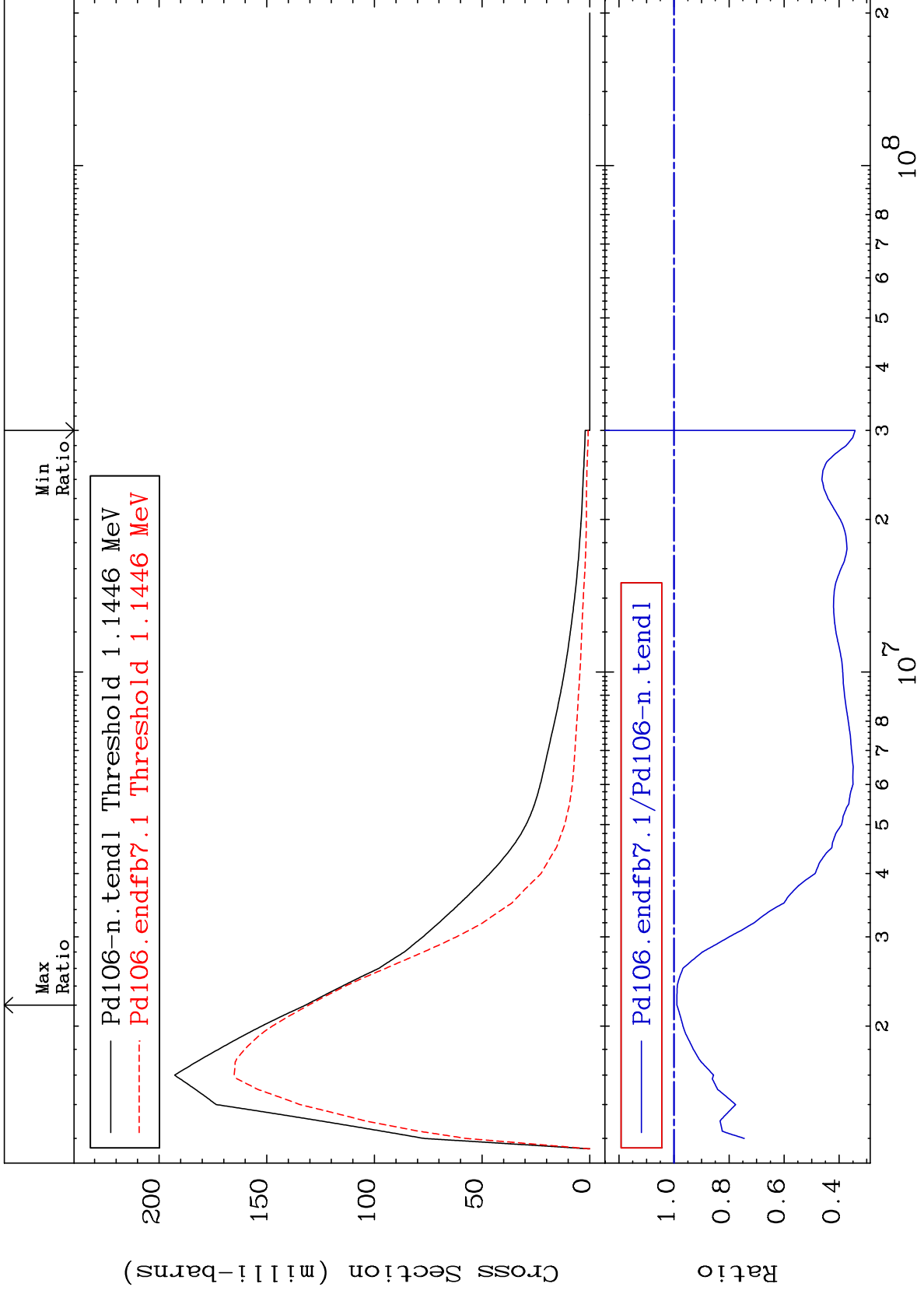
46-Pd-106  
-35.94 To 102.7 %



MAT 4637

1.134 MeV (n,n') Level  
Cross Section

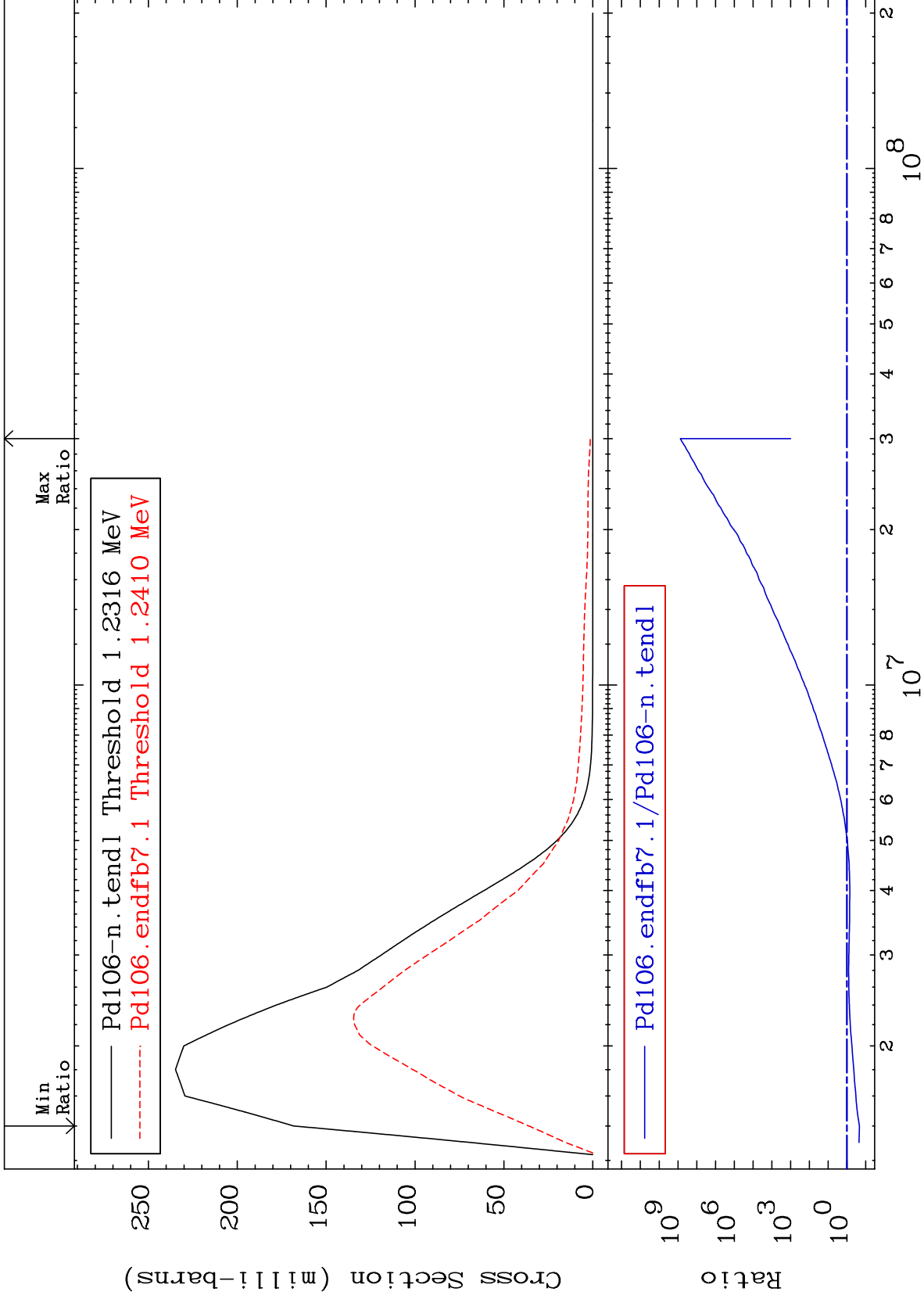
46-Pd-106  
-65.78 To -1.053%



MAT 4637

1.220 MeV (n,n') Level  
Cross Section

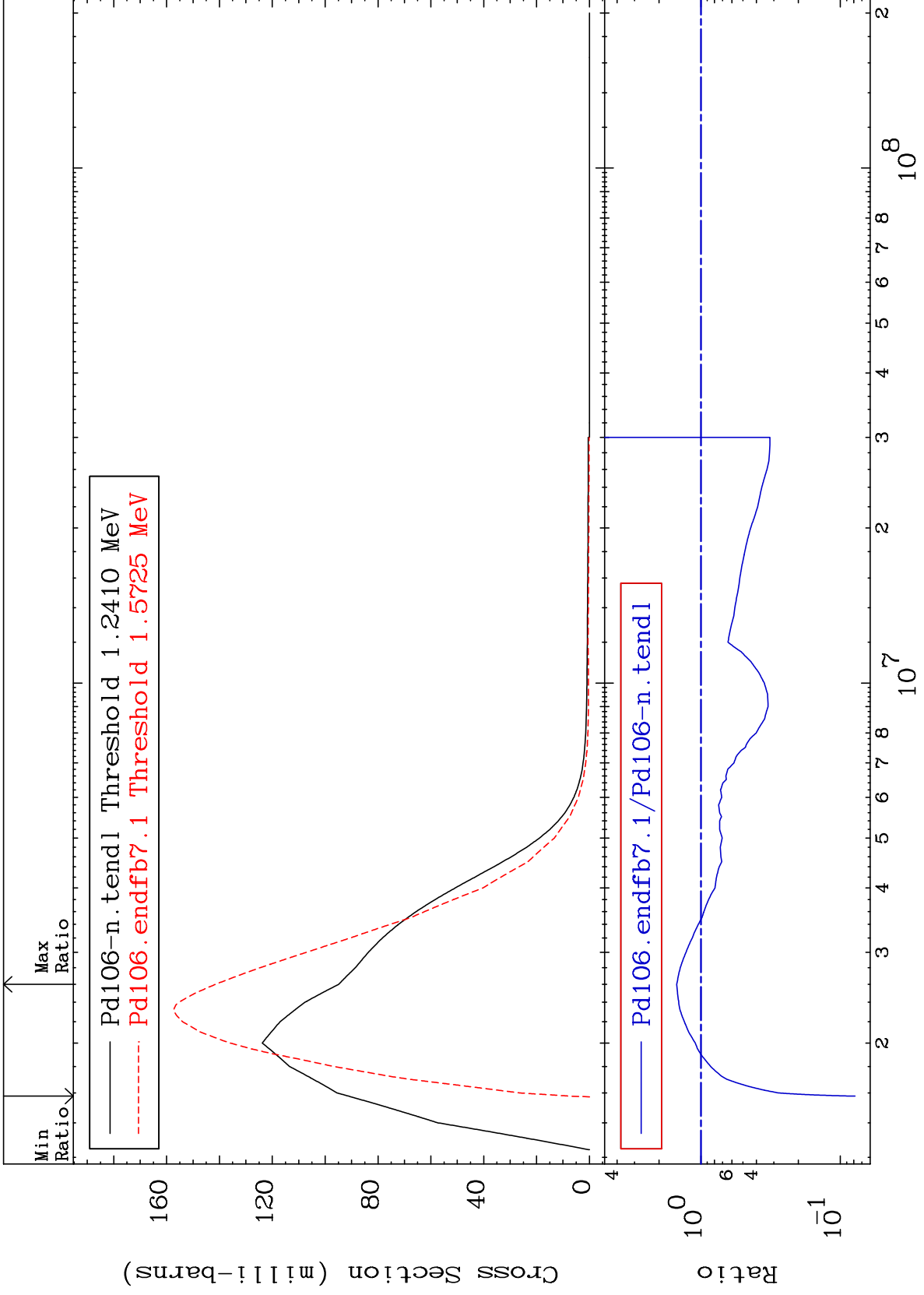
46-Pd-106  
-78.63 To 9999. %



MAT 4637

1.229 MeV (n,n') Level  
Cross Section

46-Pd-106  
-92.16 To 49.15 %

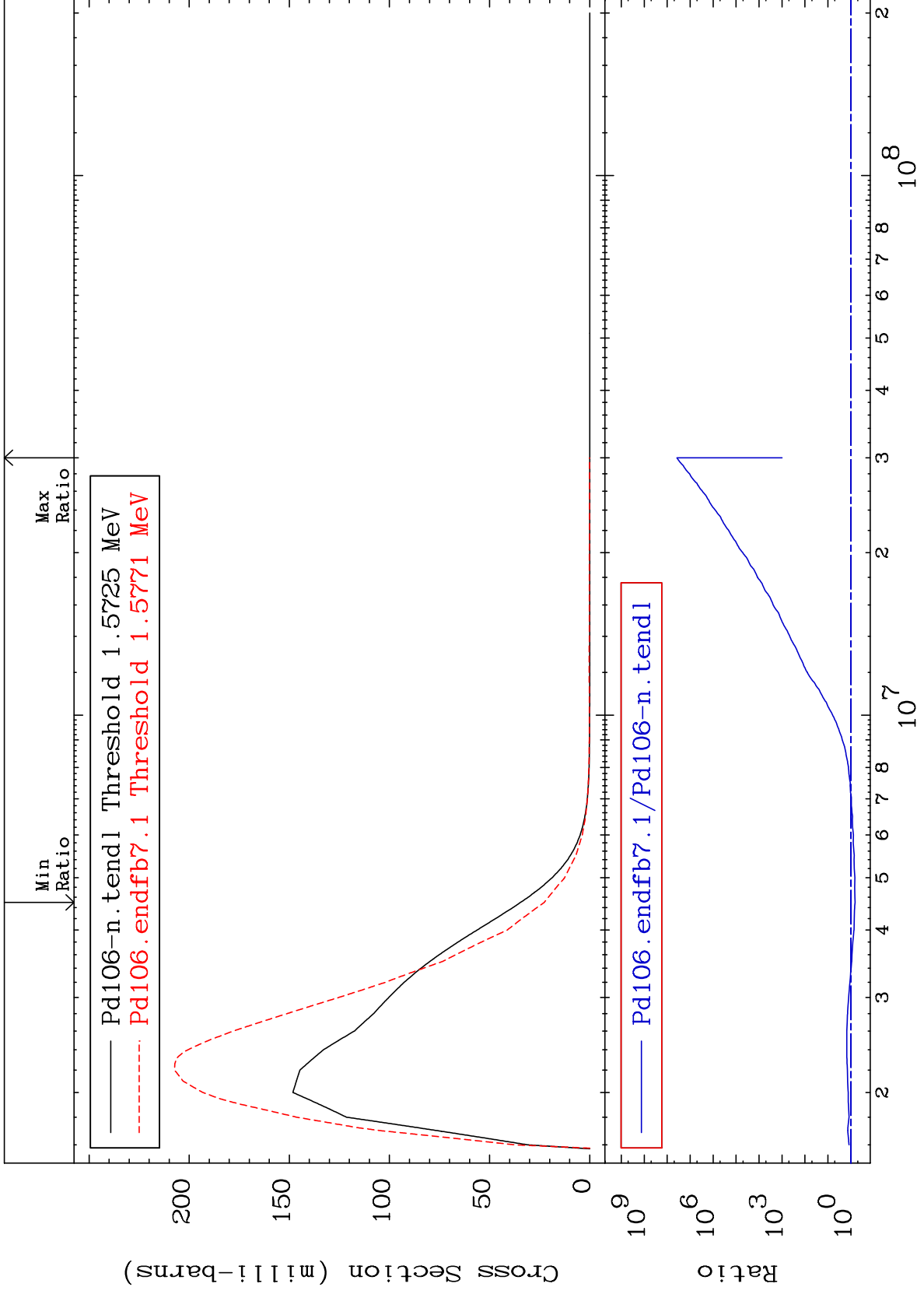




MAT 4637

1.558 MeV (n,n') Level  
Cross Section

46-Pd-106  
-34.34 To 9999. %



17

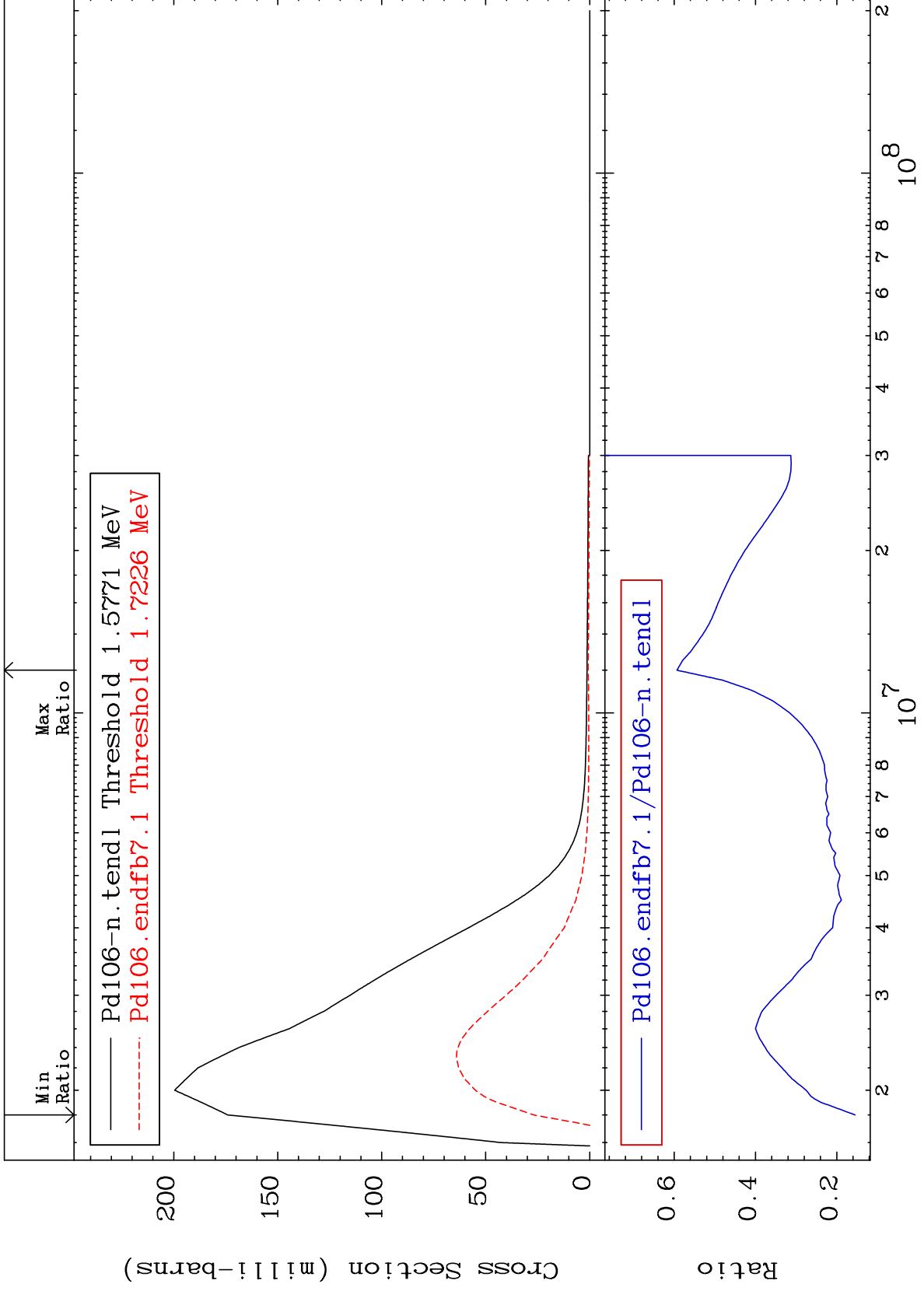
Incident Energy (eV)

46-Pd-106

MAT 4637

1.562 MeV (n,n') Level  
Cross Section

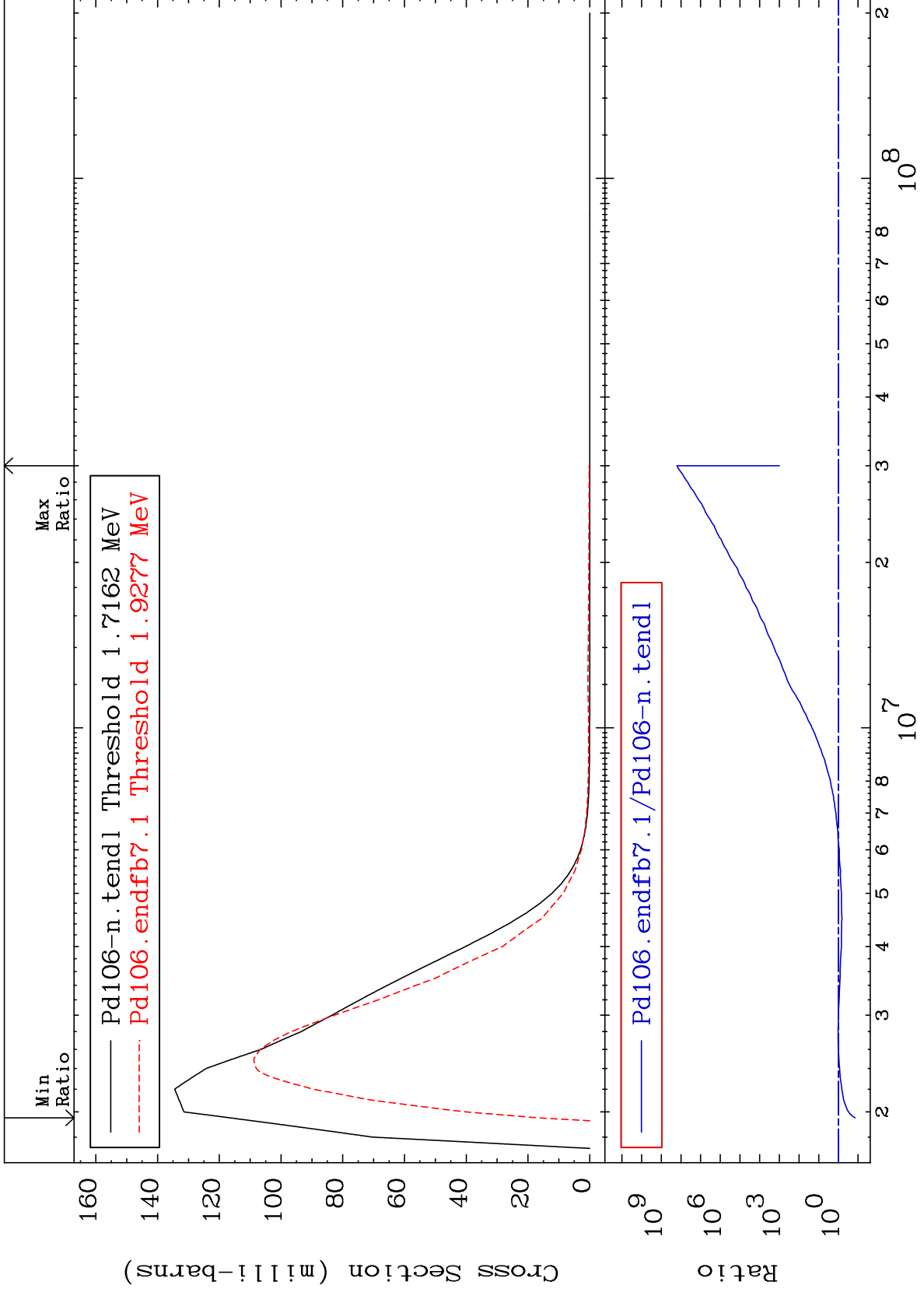
46-Pd-106  
-84.52 To -40.67%



MAT 4637

1.700 MeV (n,n') Level  
Cross Section

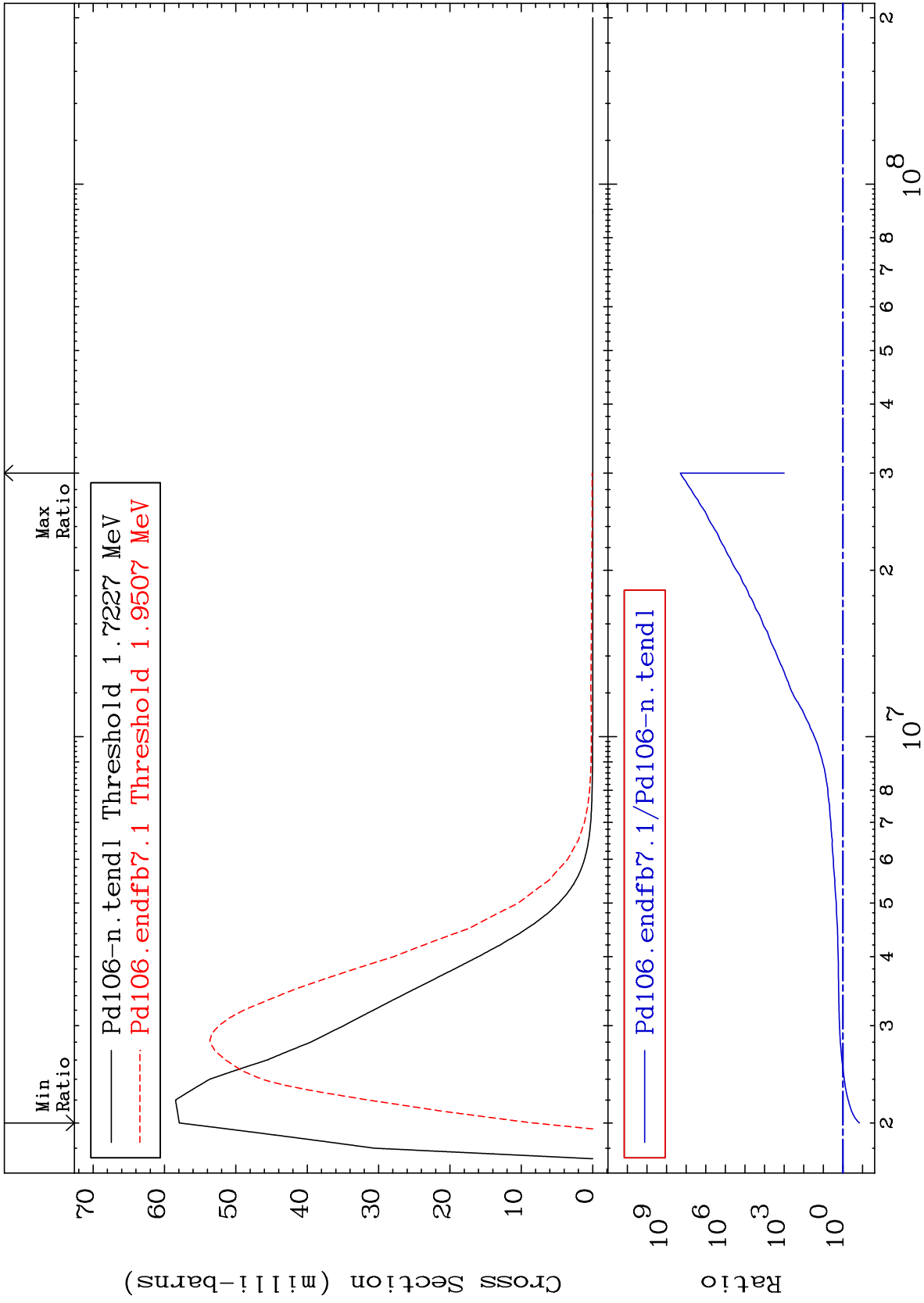
46-Pd-106  
-85.83 To 9999. %



MAT 4637

1.706 MeV (n,n') Level  
Cross Section

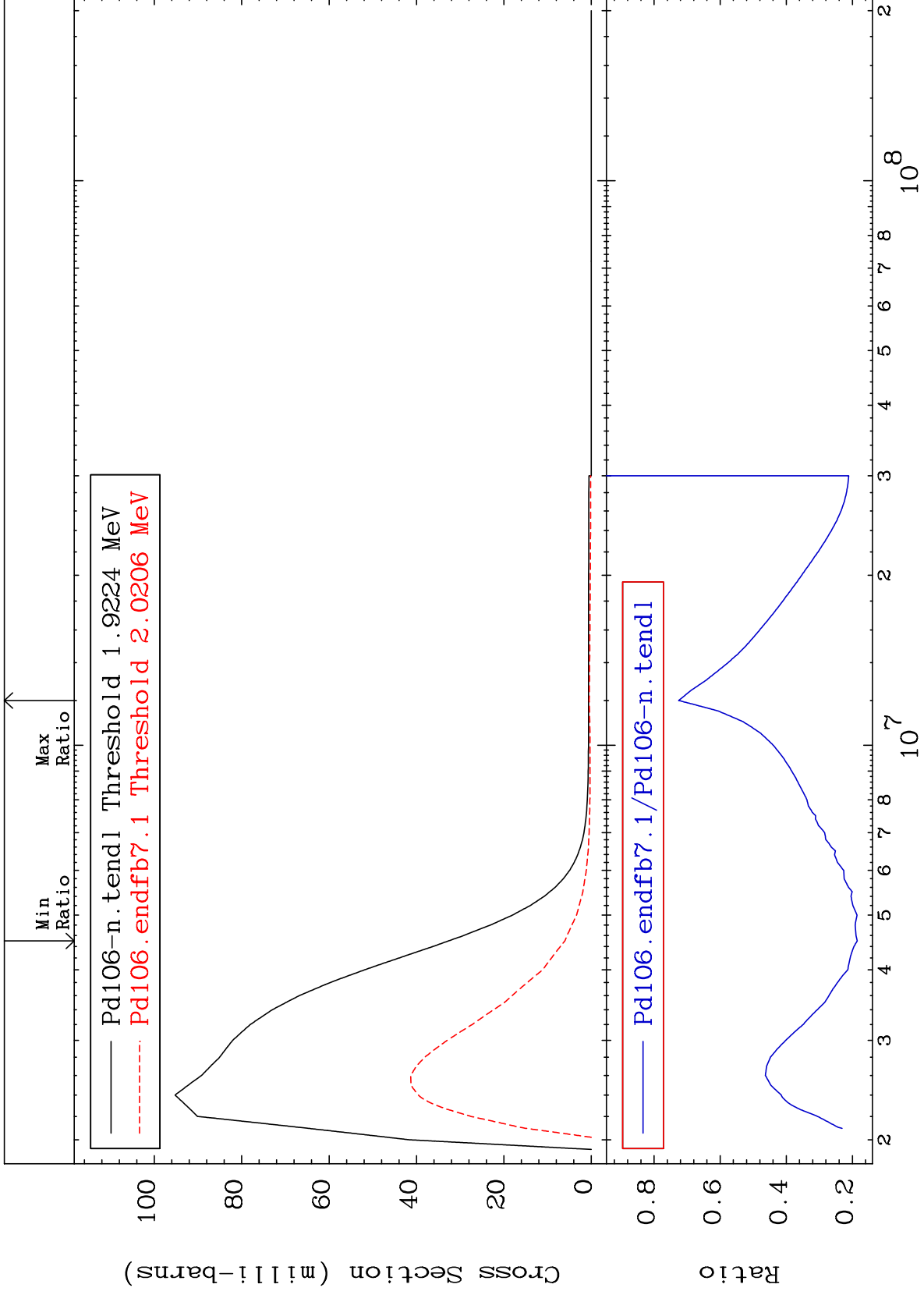
46-Pd-106  
-85.57 To 9999. %



MAT 4637

1.904 MeV (n,n') Level  
Cross Section

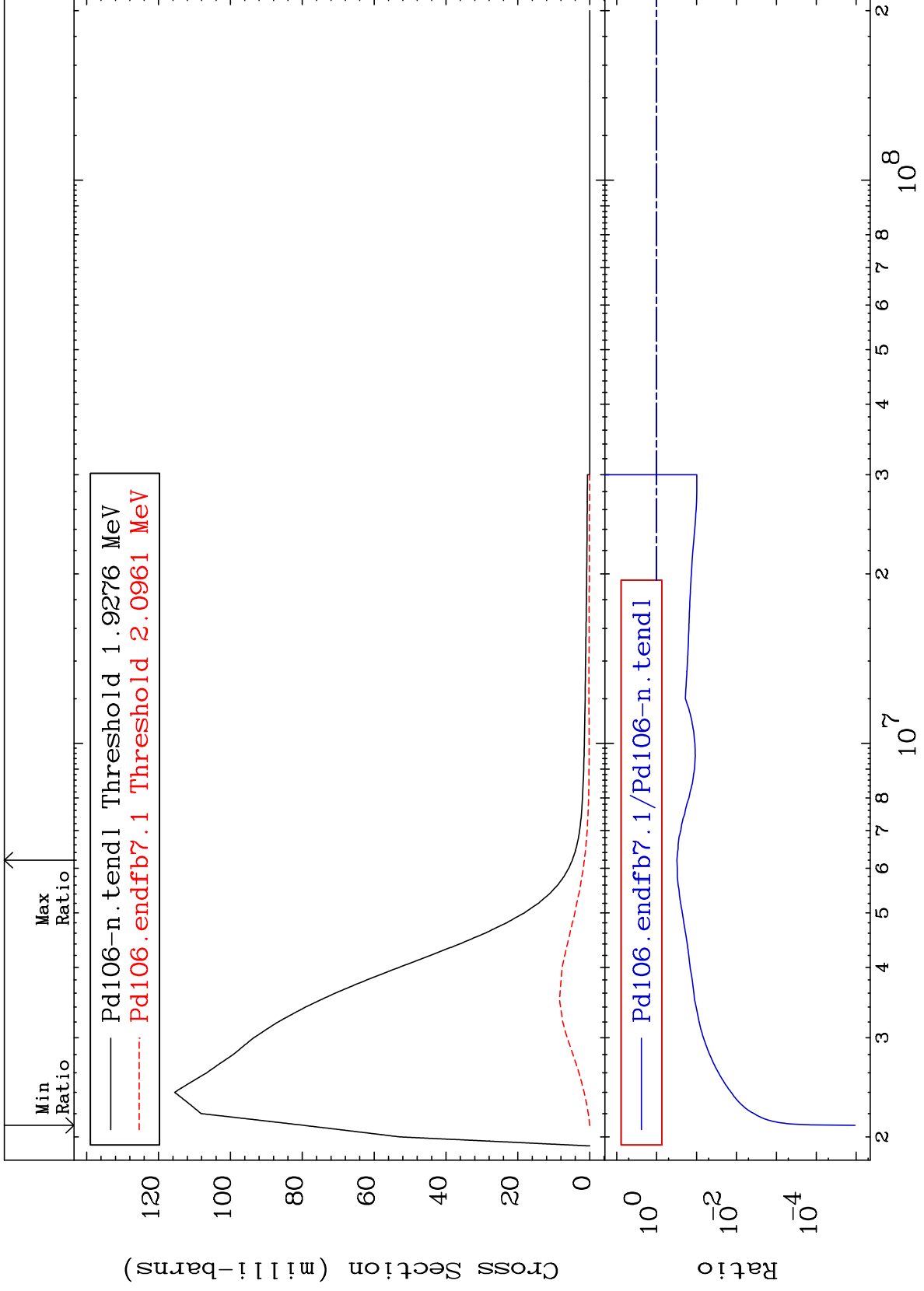
46-Pd-106  
-81.48 To -27.43%



MAT 4637

1.909 MeV (n,n') Level  
Cross Section

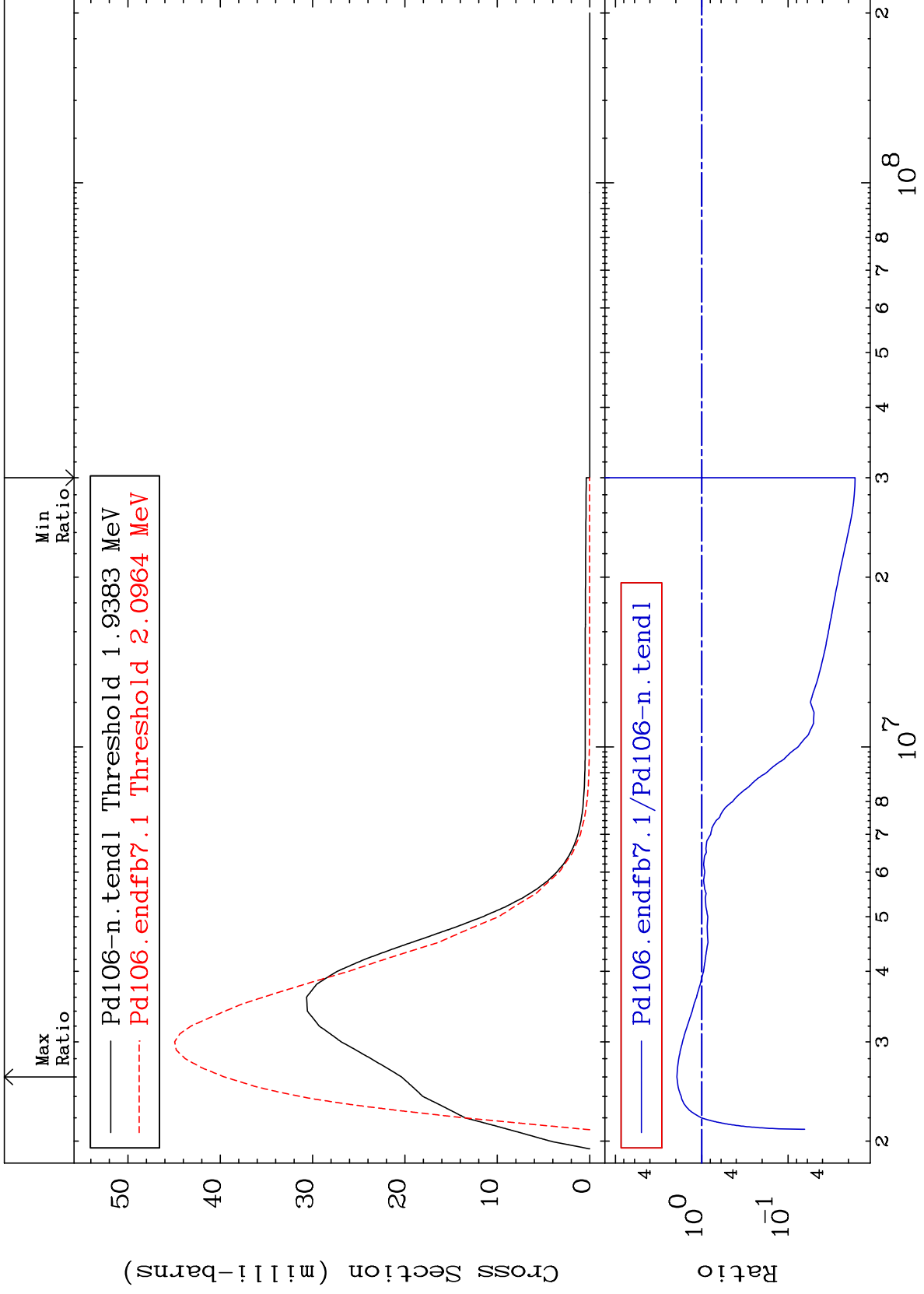
46-Pd-106  
-100.0 To -69.02%



MAT 4637

1.920 MeV (n,n') Level  
Cross Section

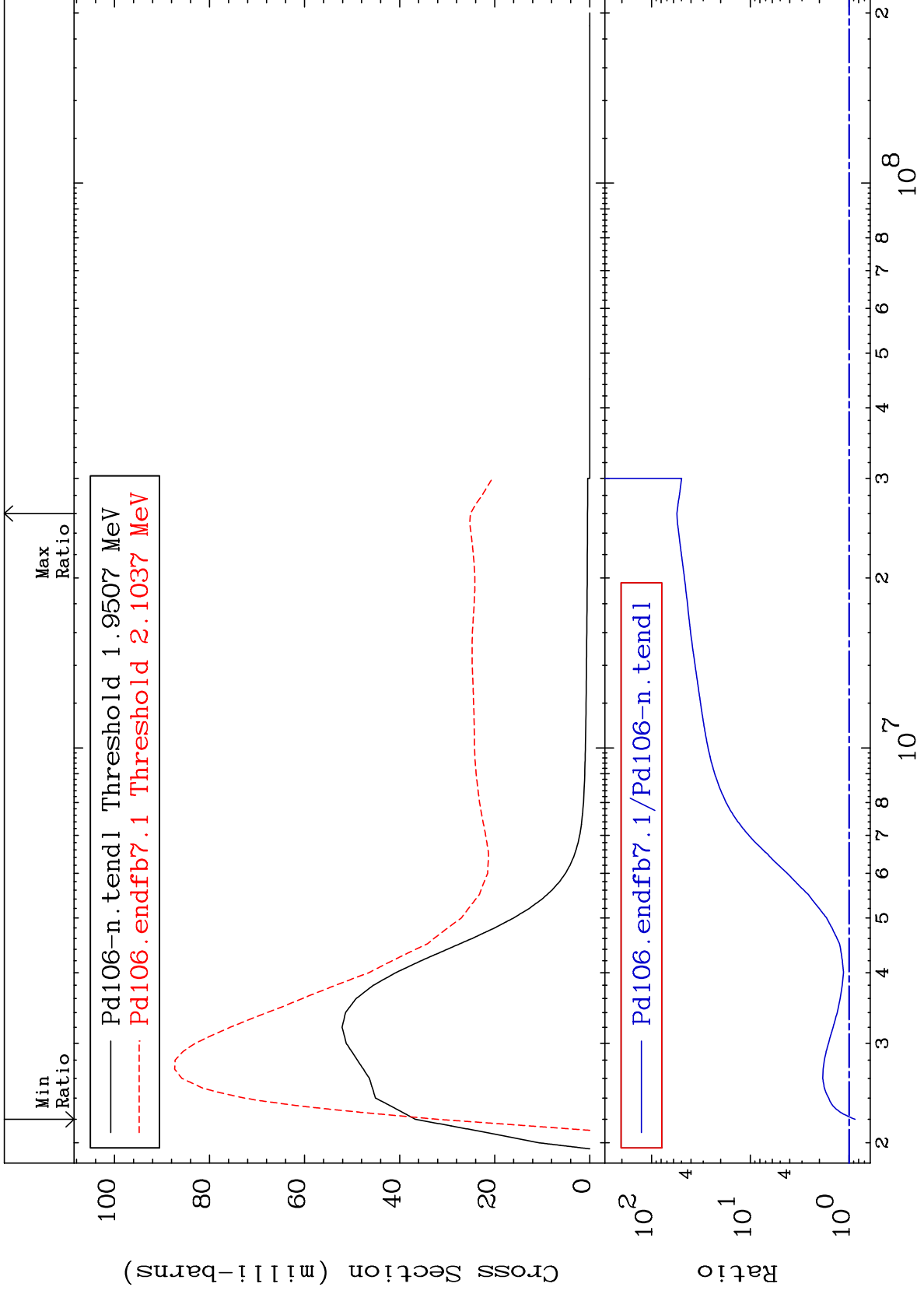
46-Pd-106  
-98.32 To 94.22 %



MAT 4637

1.932 MeV (n,n') Level  
Cross Section

46-Pd-106  
-12.95 To 5443. %

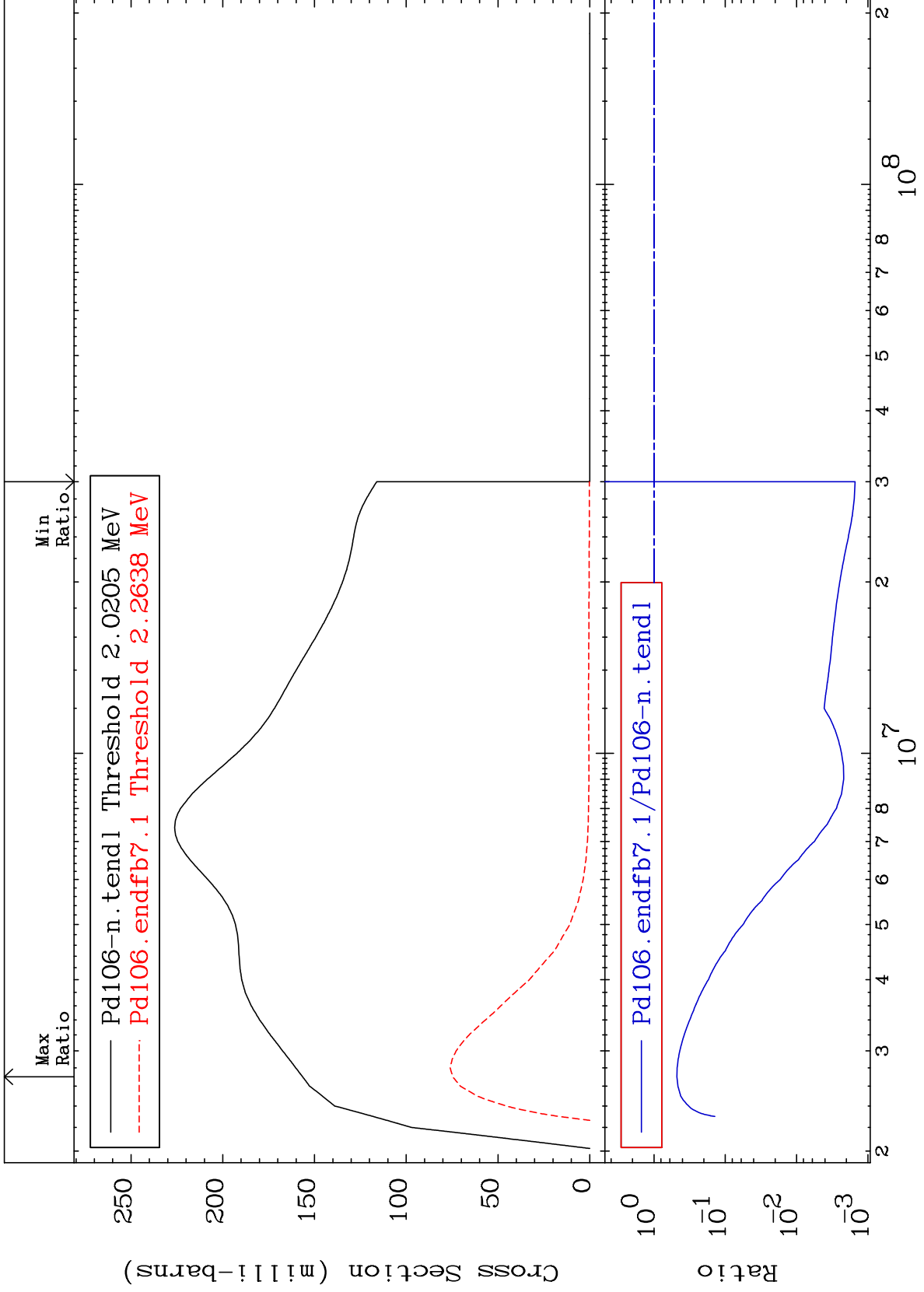




MAT 4637

2.001 MeV (n,n') Level  
Cross Section

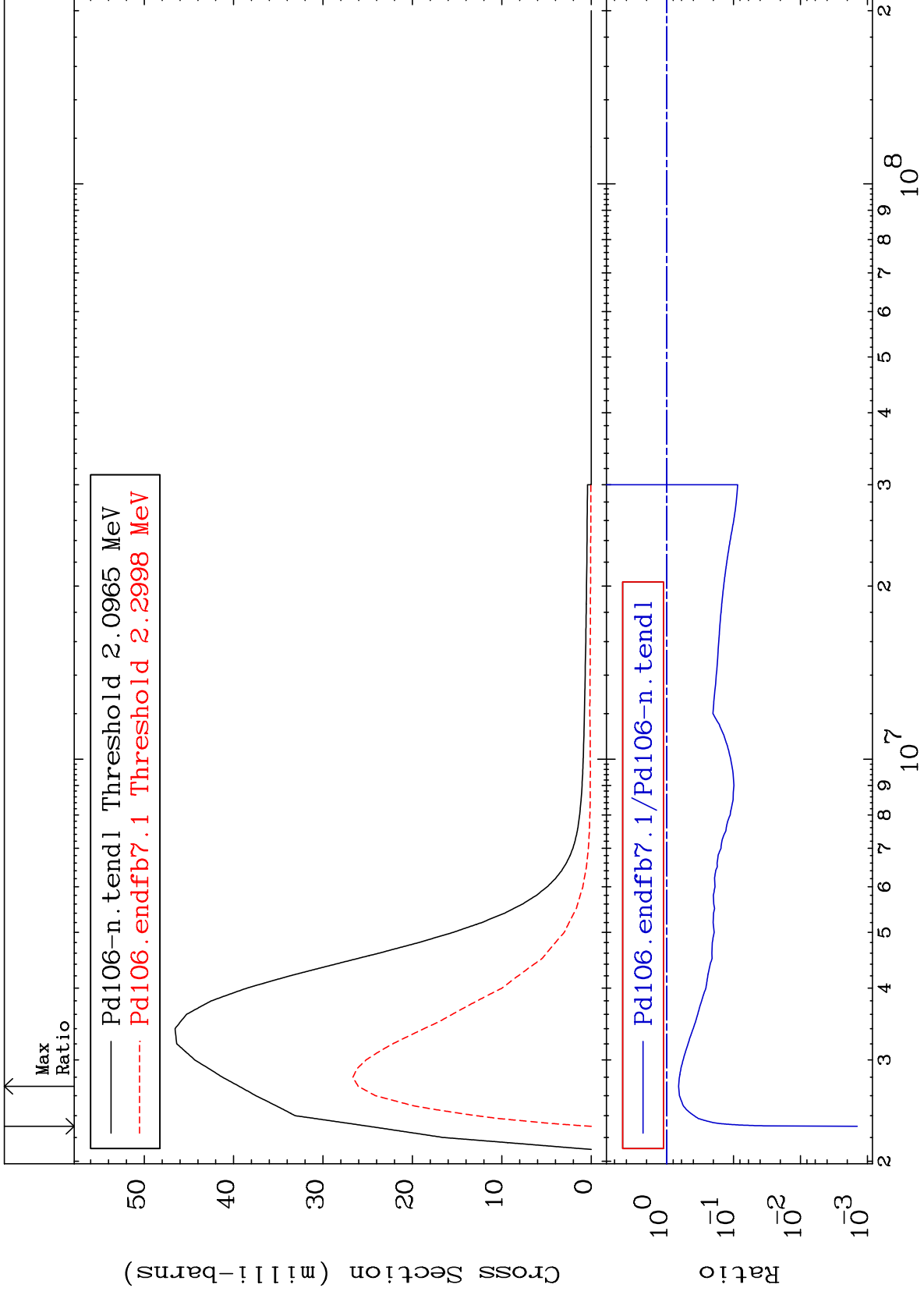
46-Pd-106  
-99.85 To -52.29%



MAT 4637

2.077 MeV (n,n') Level  
Cross Section

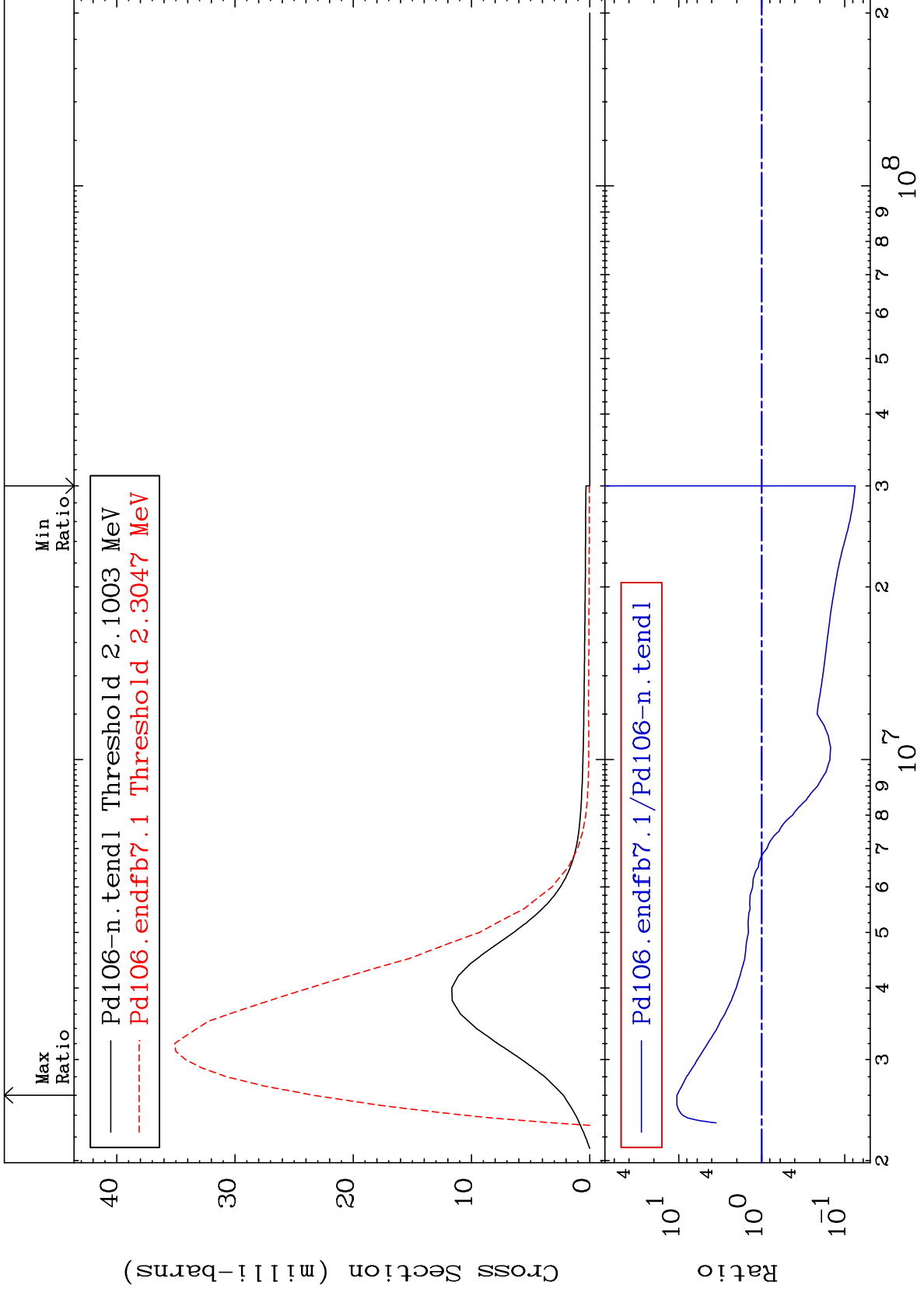
46-Pd-106  
-99.86 To -33.81%



MAT 4637

2.080 MeV (n,n') Level  
Cross Section

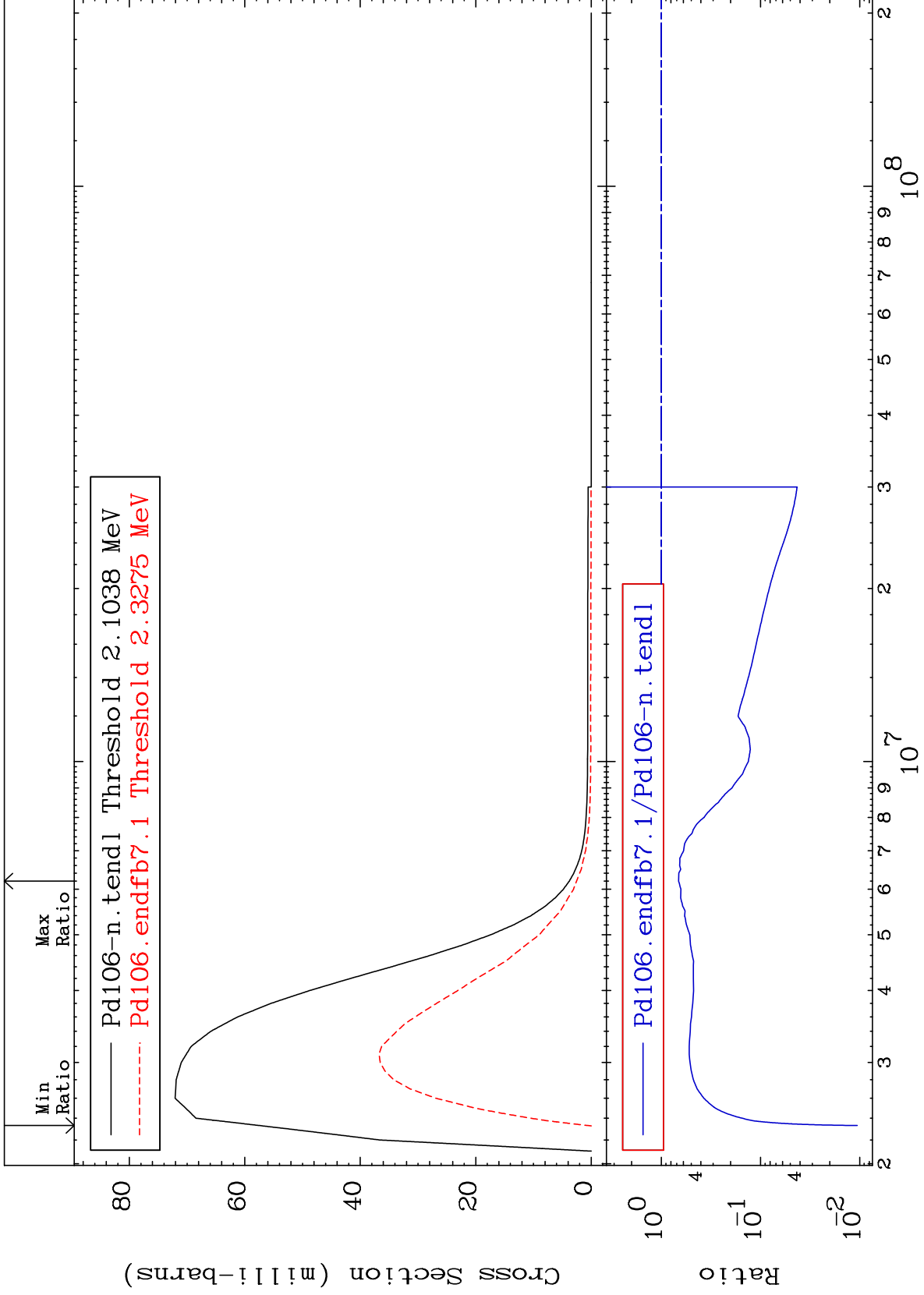
46-Pd-106  
-92.50 To 953.9 %



MAT 4637

2.084 MeV (n,n') Level  
Cross Section

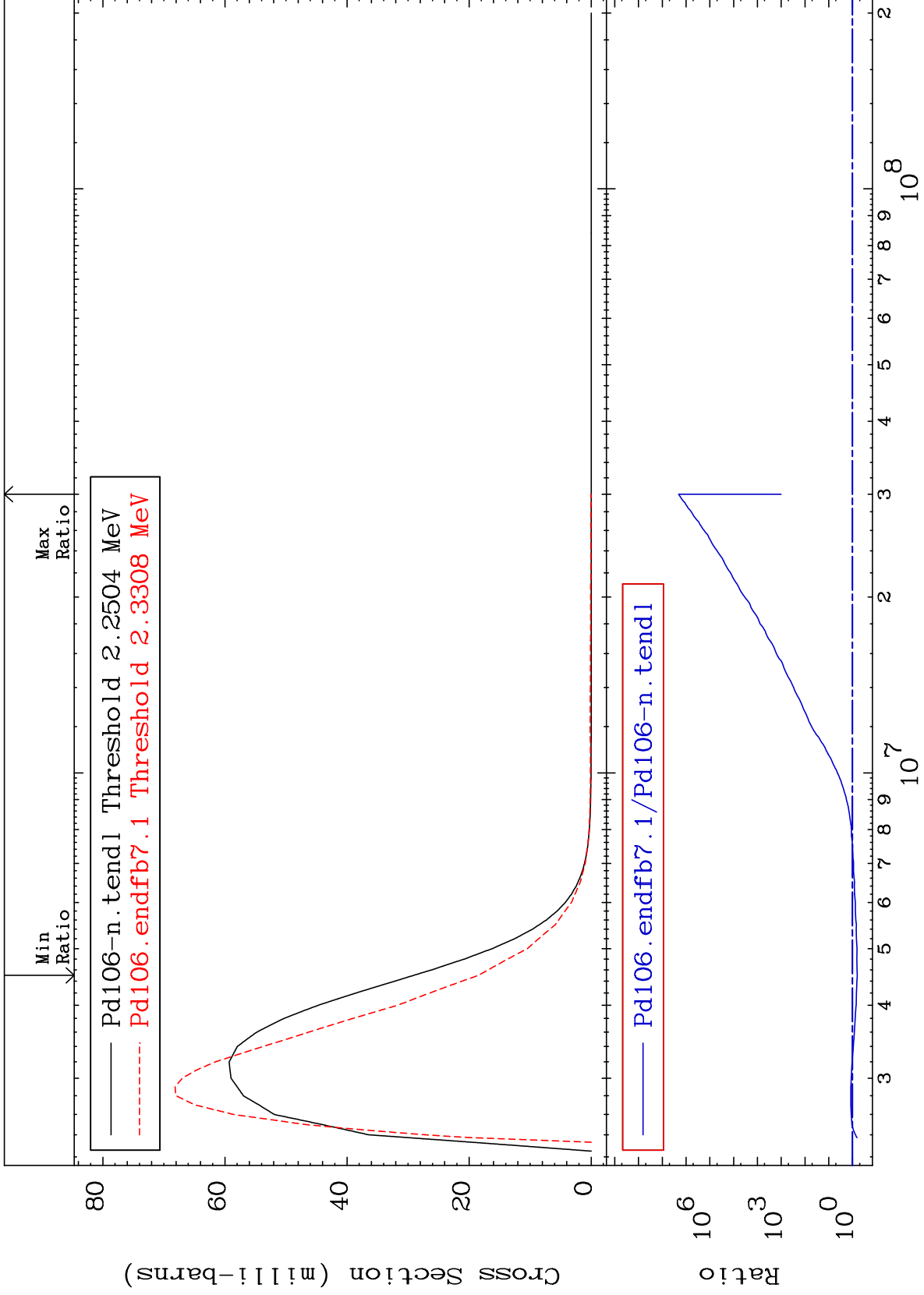
46-Pd-106  
-98.94 To -33.06%



MAT 4637

2.229 MeV (n,n') Level  
Cross Section

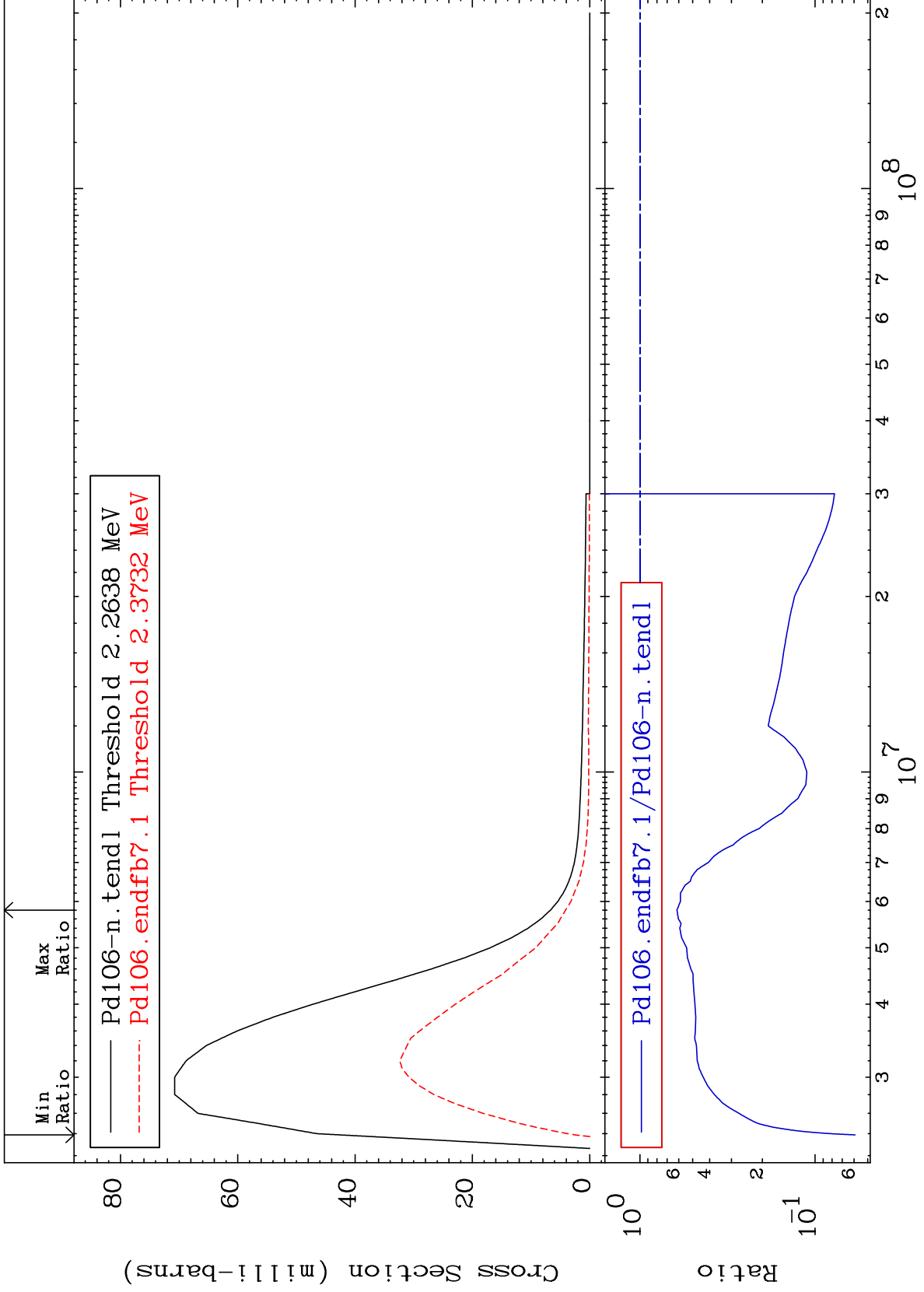
46-Pd-106  
-36.53 To 9999. %



MAT 4637

2.242 MeV (n,n') Level  
Cross Section

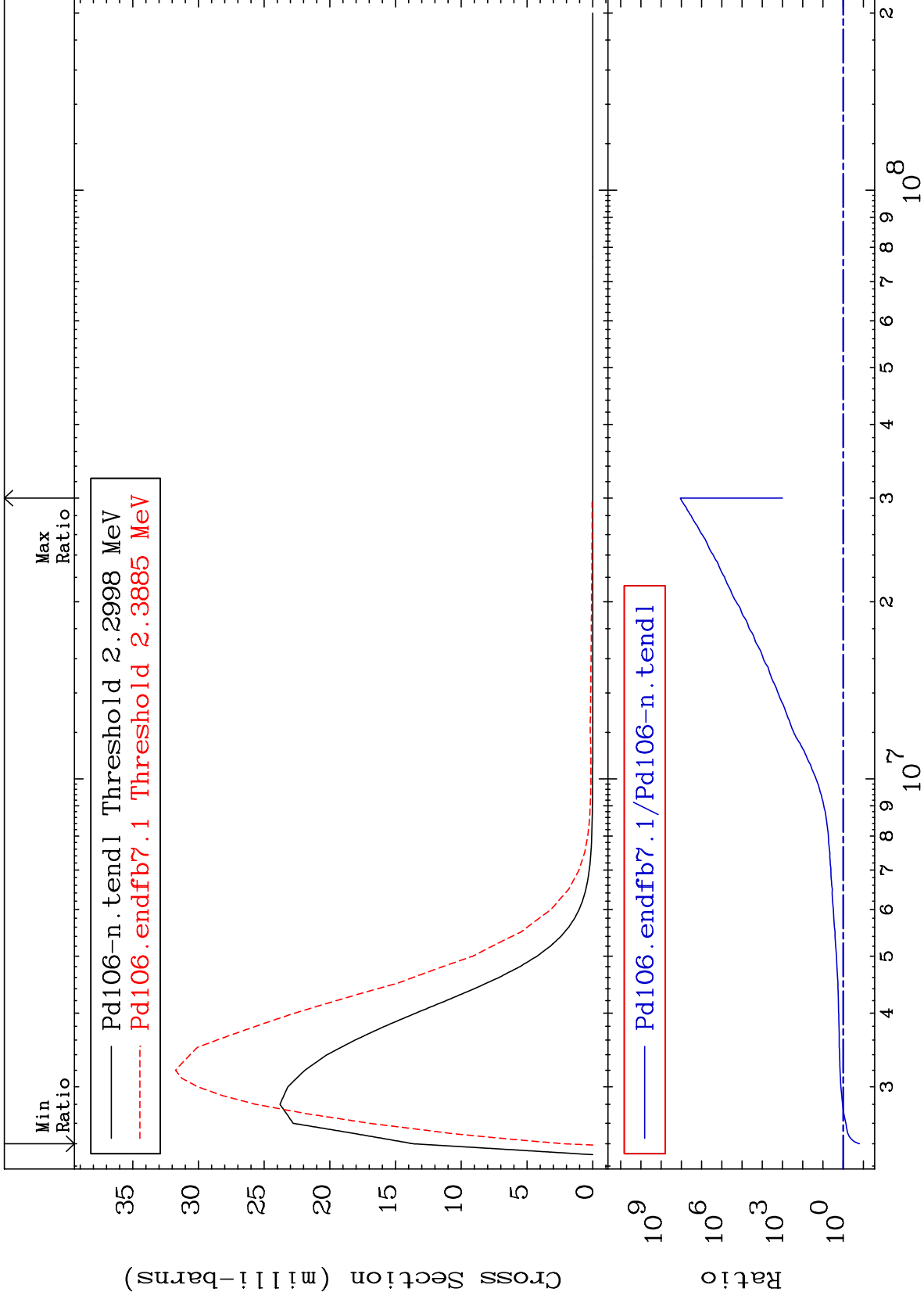
46-Pd-106  
-94.09 To -38.54%



MAT 4637

2.278 MeV (n,n') Level  
Cross Section

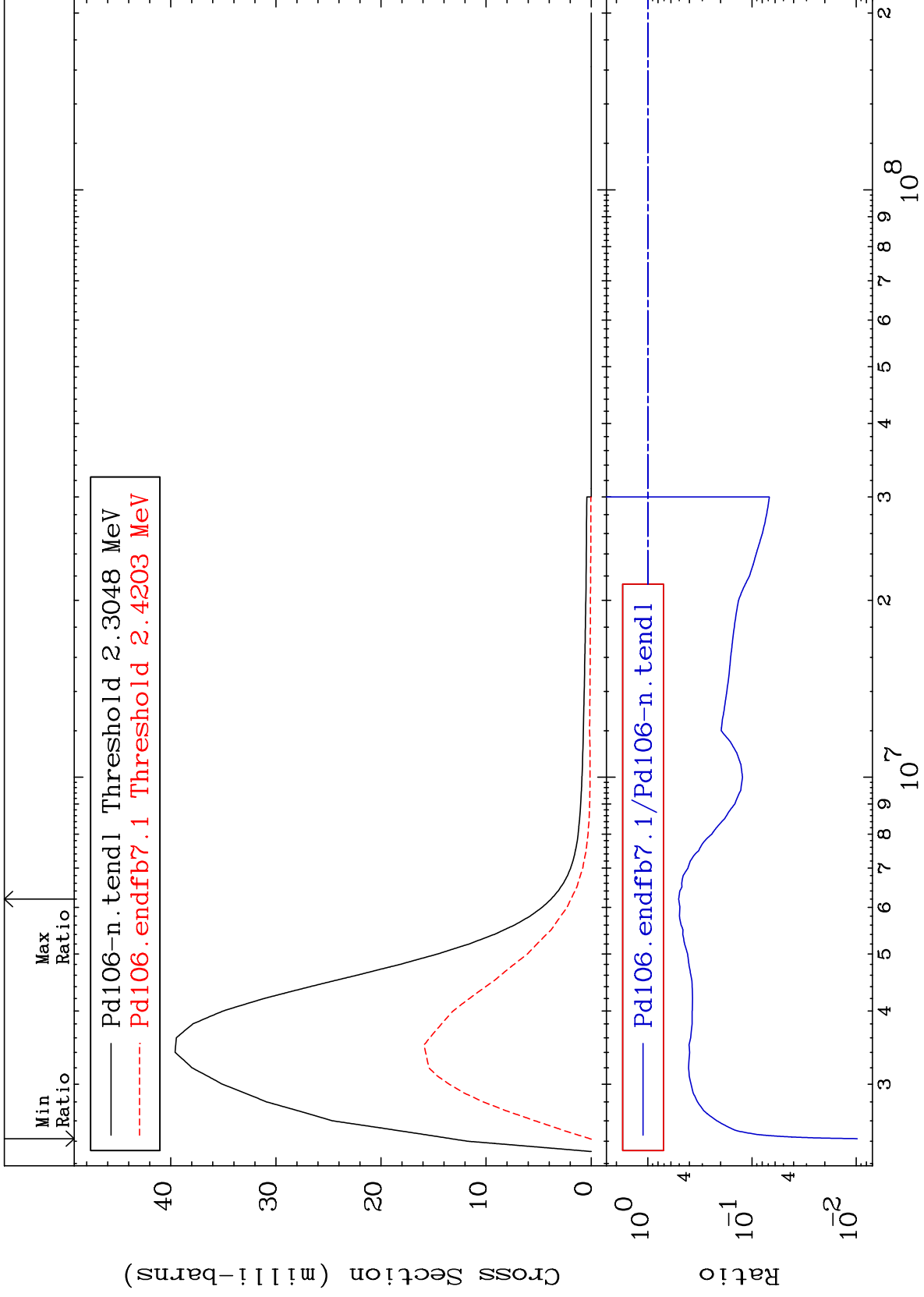
46-Pd-106  
-84.15 To 9999. %



MAT 4637

2.283 MeV (n,n') Level  
Cross Section

46-Pd-106  
-99.02 To -49.35%

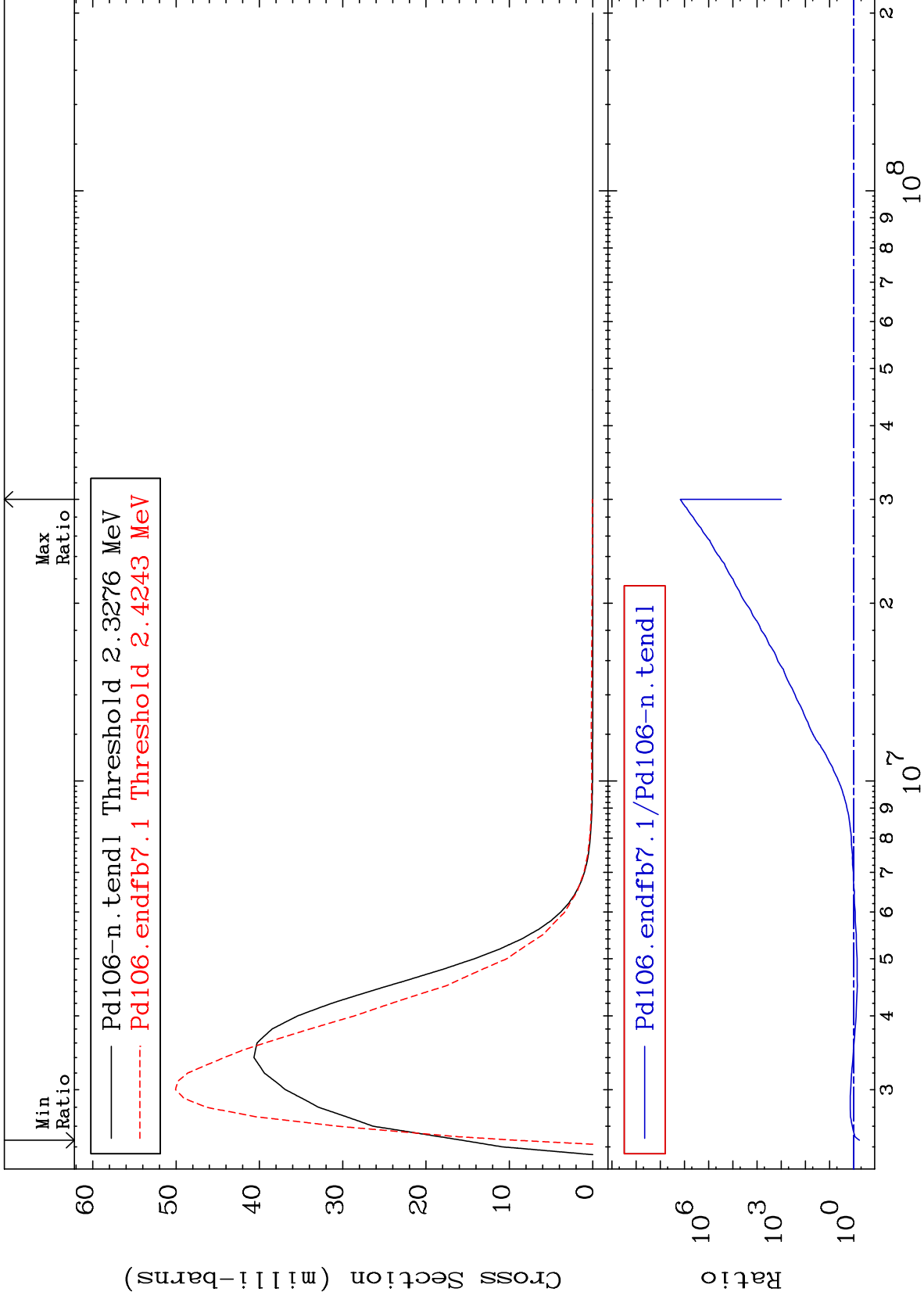




MAT 4637

2.306 MeV (n,n') Level  
Cross Section

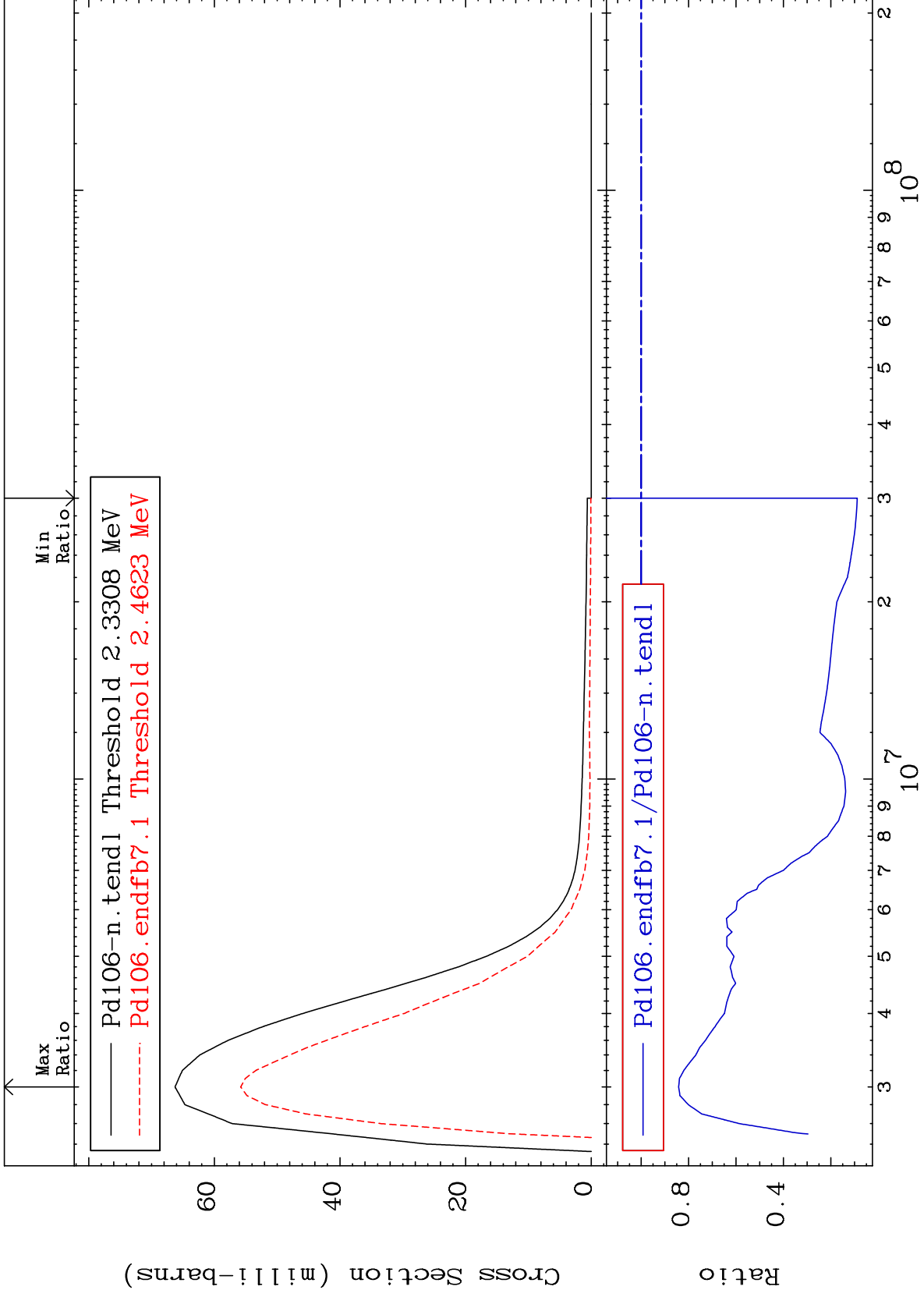
46-Pd-106  
-41.34 To 9999. %



MAT 4637

2.309 MeV (n,n') Level  
Cross Section

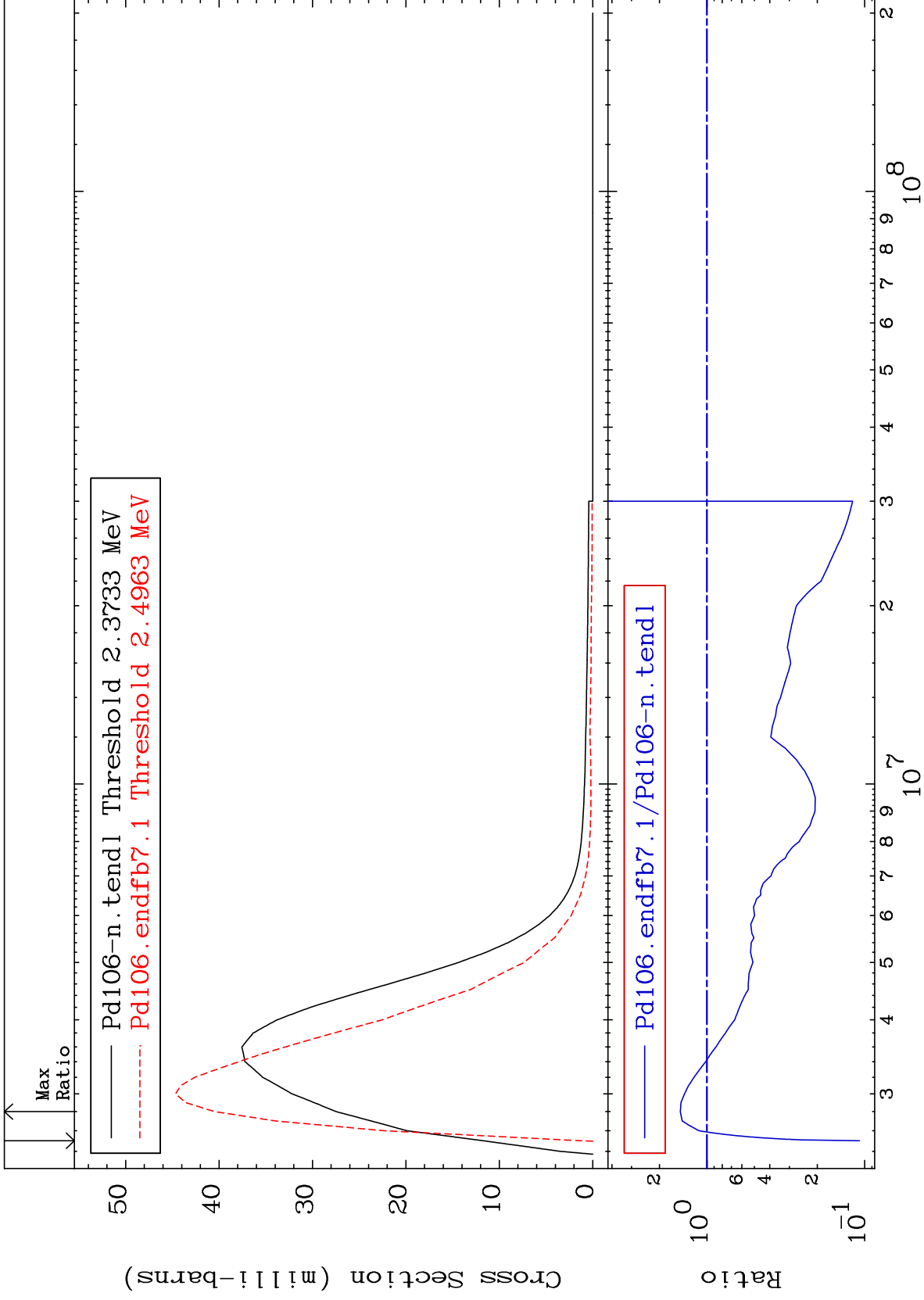
46-Pd-106  
-91.15 To -15.77%

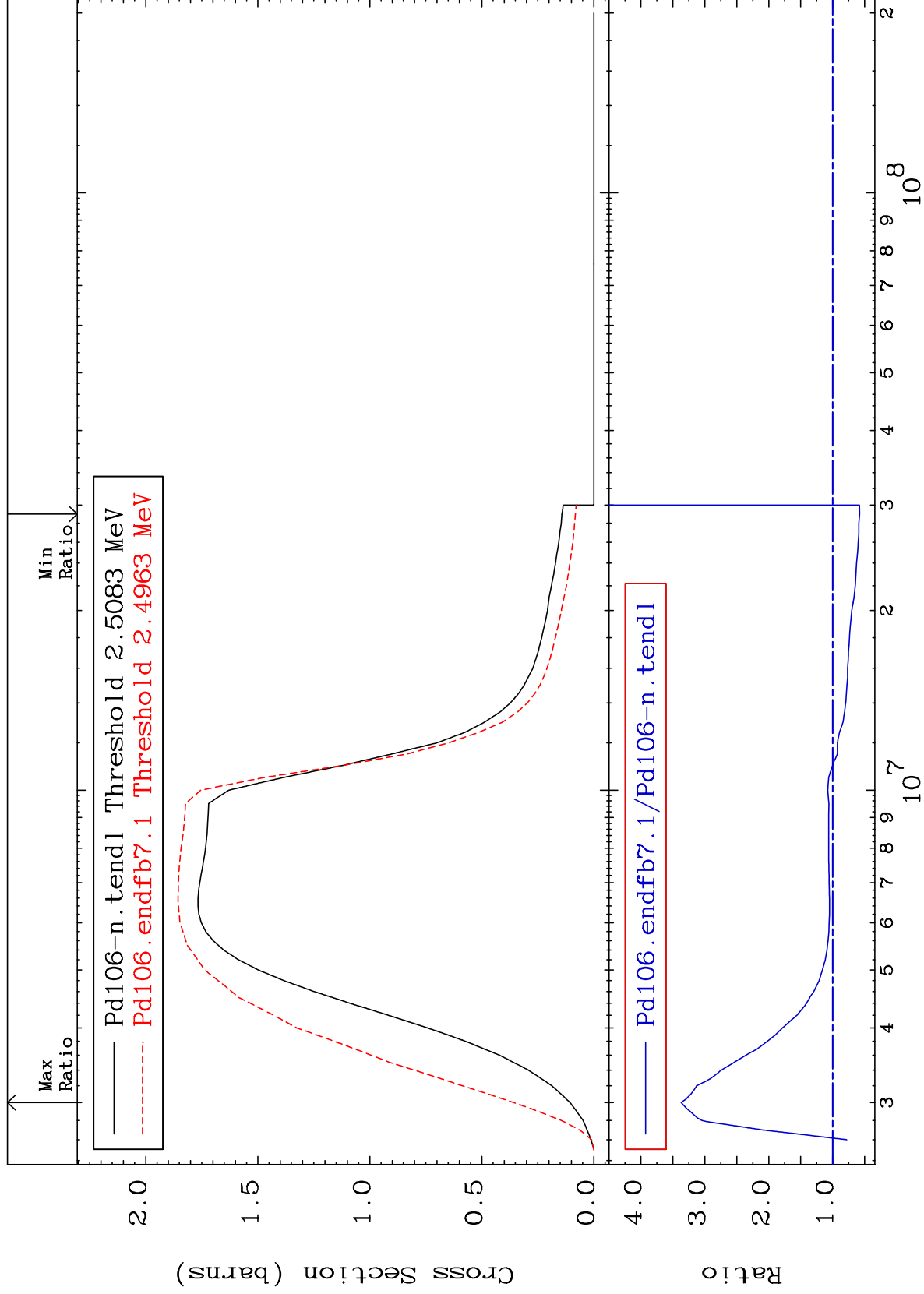


MAT 4637

2.351 MeV (n,n') Level  
Cross Section

46-Pd-106  
-89.20 To 47.29 %





— Pd106-n.tendl Threshold 2.5083 MeV  
- - - Pd106.endfb7.1 Threshold 2.4963 MeV

— Pd106.endfb7.1/Pd106-n.tendl

Max Ratio

Min Ratio

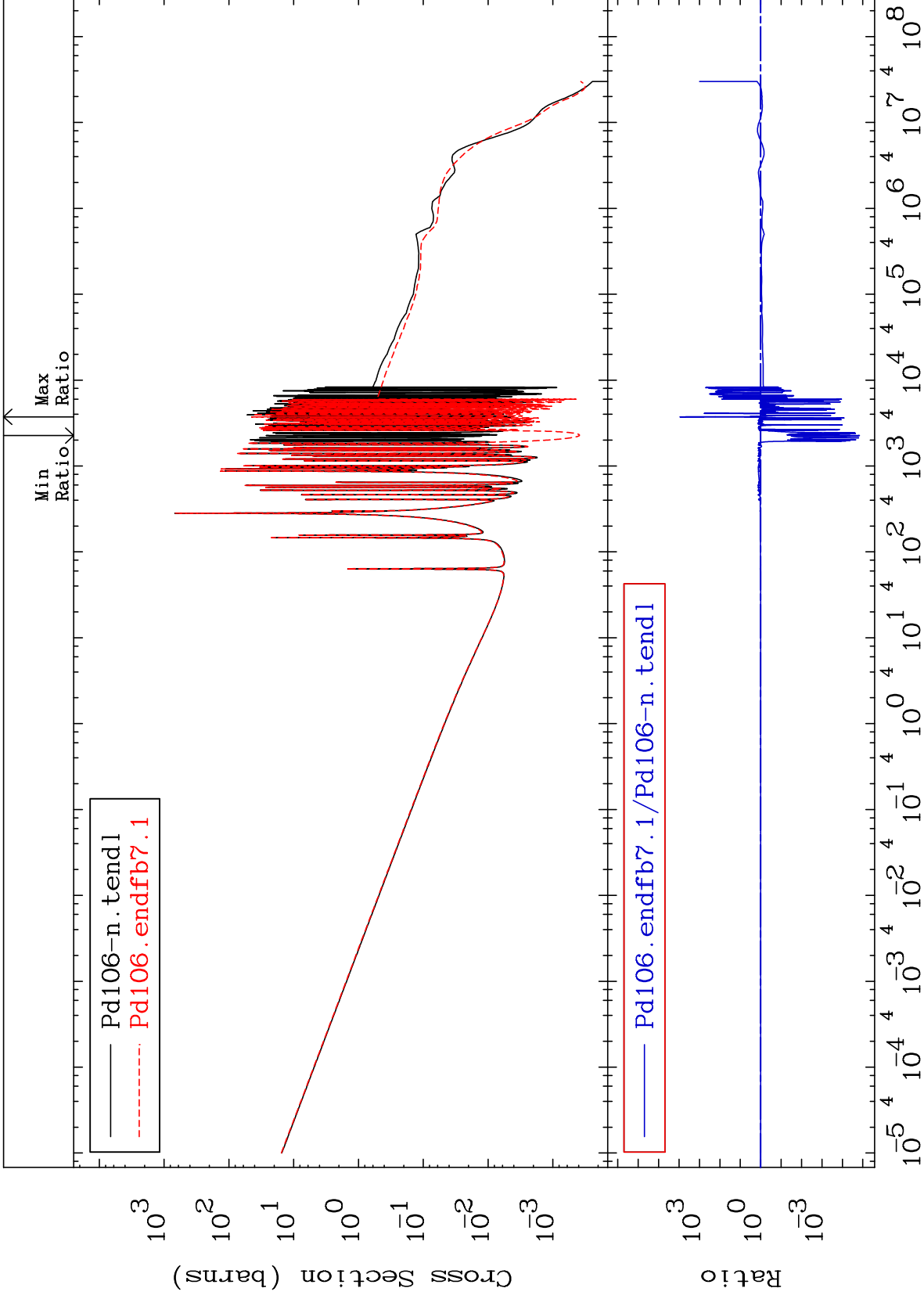
MAT 4637

(n,  $\gamma$ )

46-Pd-106

Cross Section

-100.0 To 9999. %



37

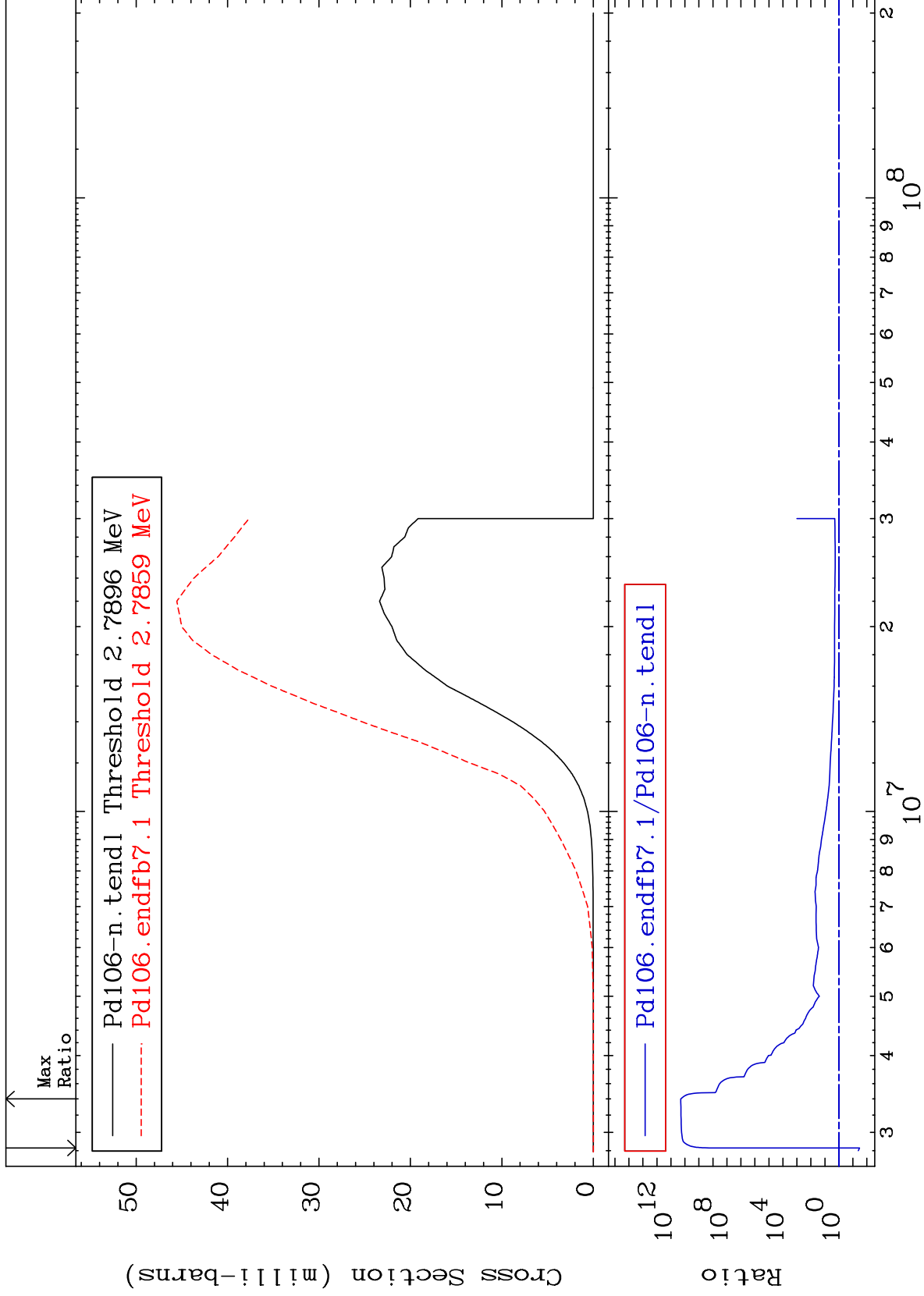
Incident Energy (eV)

46-Pd-106

MAT 4637

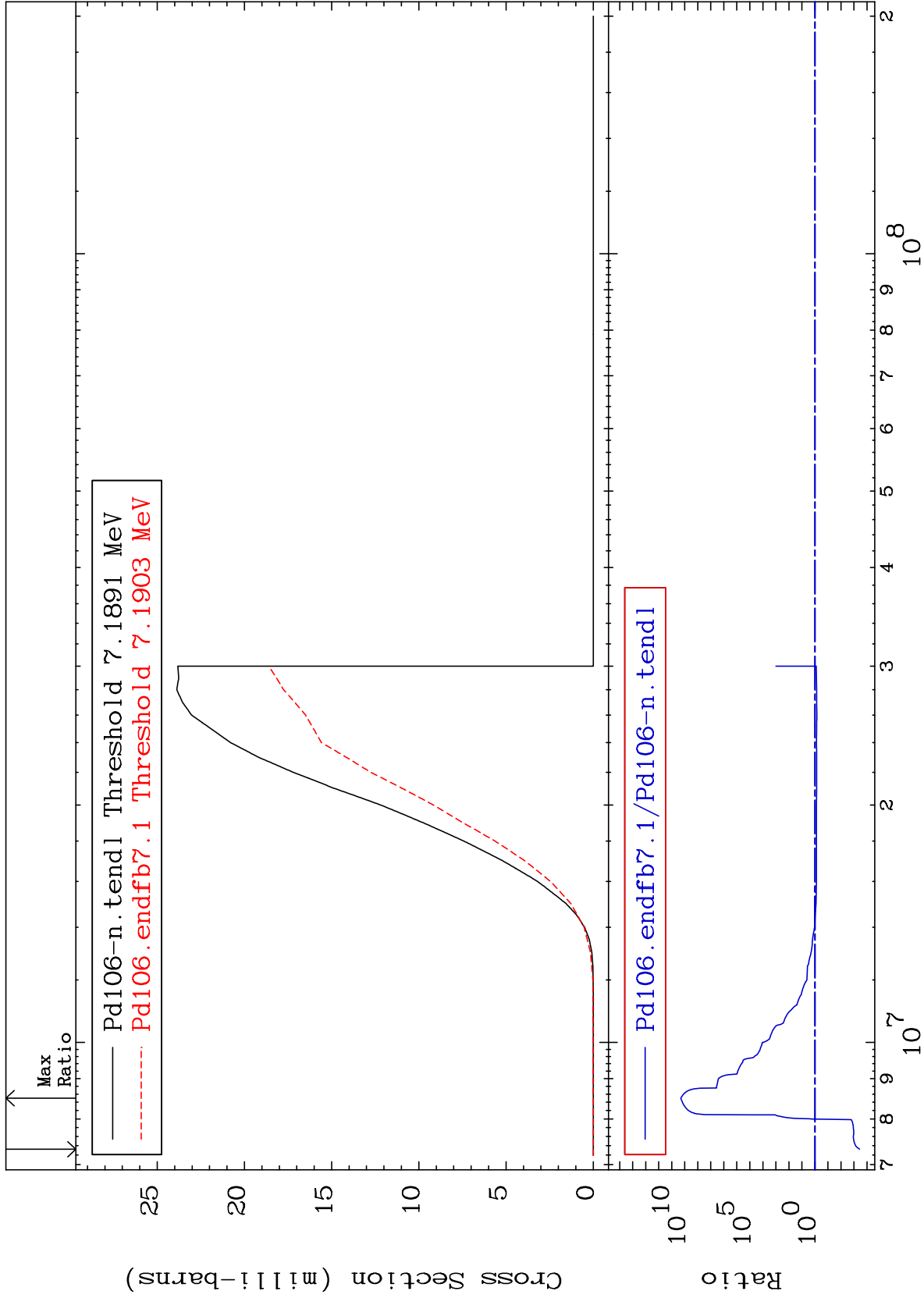
(n,p)  
Cross Section

46-Pd-106  
-96.63 To 9999. %



Cross Section

-99.96 To 9999. %



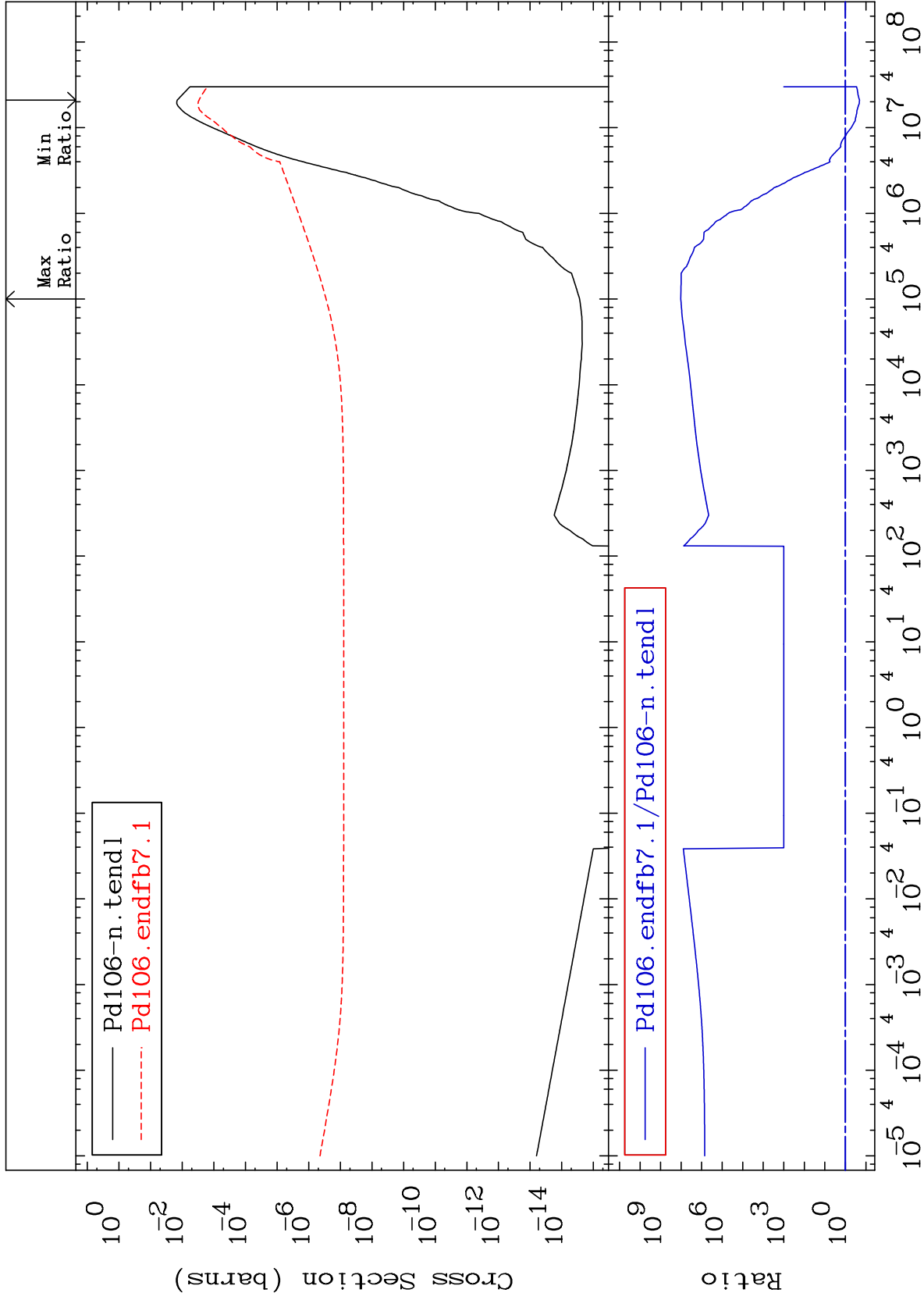
MAT 4637

(n,  $\alpha$ )

46-Pd-106

Cross Section

-79.60 To 9999. %



40

Incident Energy (eV)

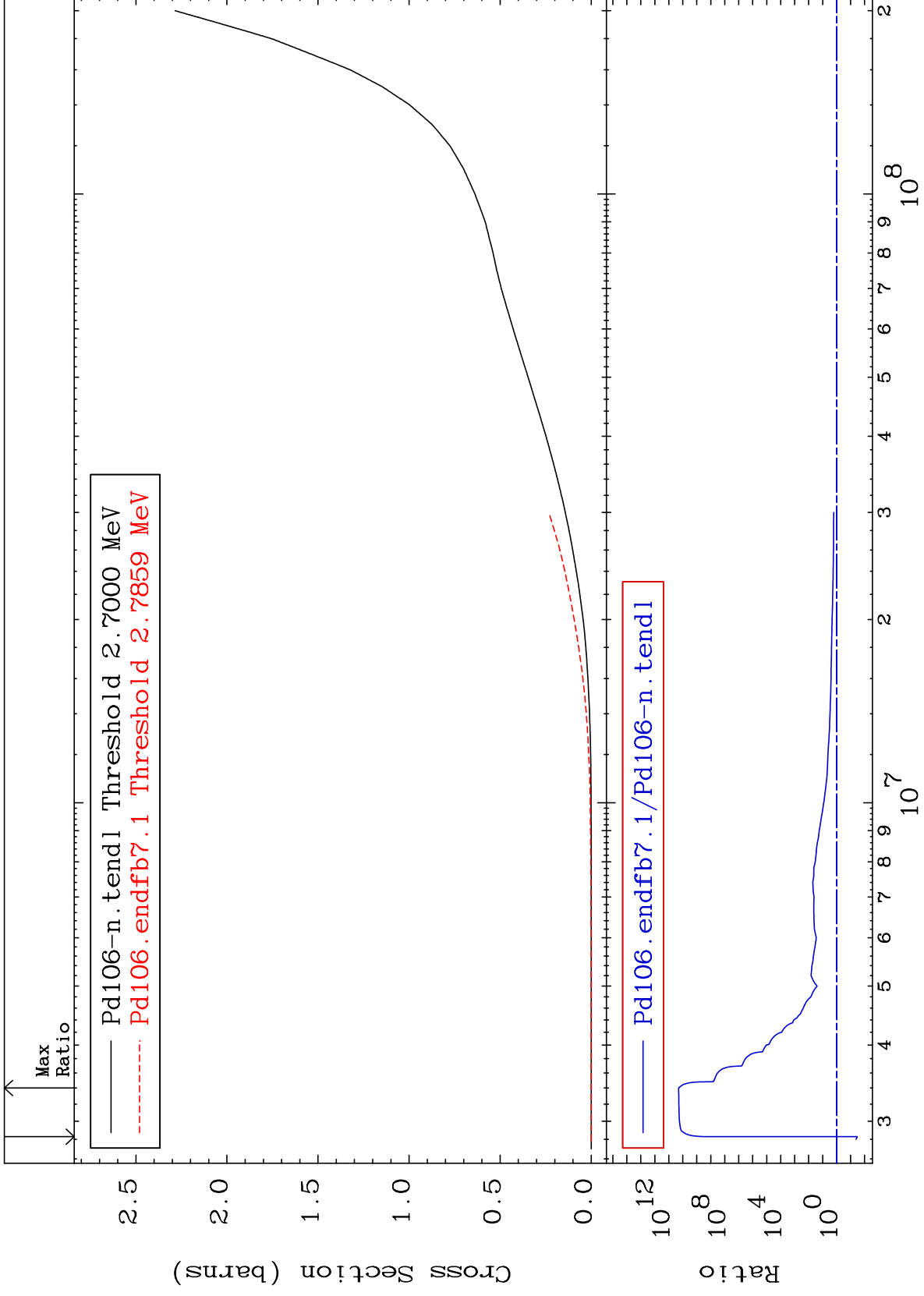
46-Pd-106



MAT 4637

Hydrogen Production  
Cross Section

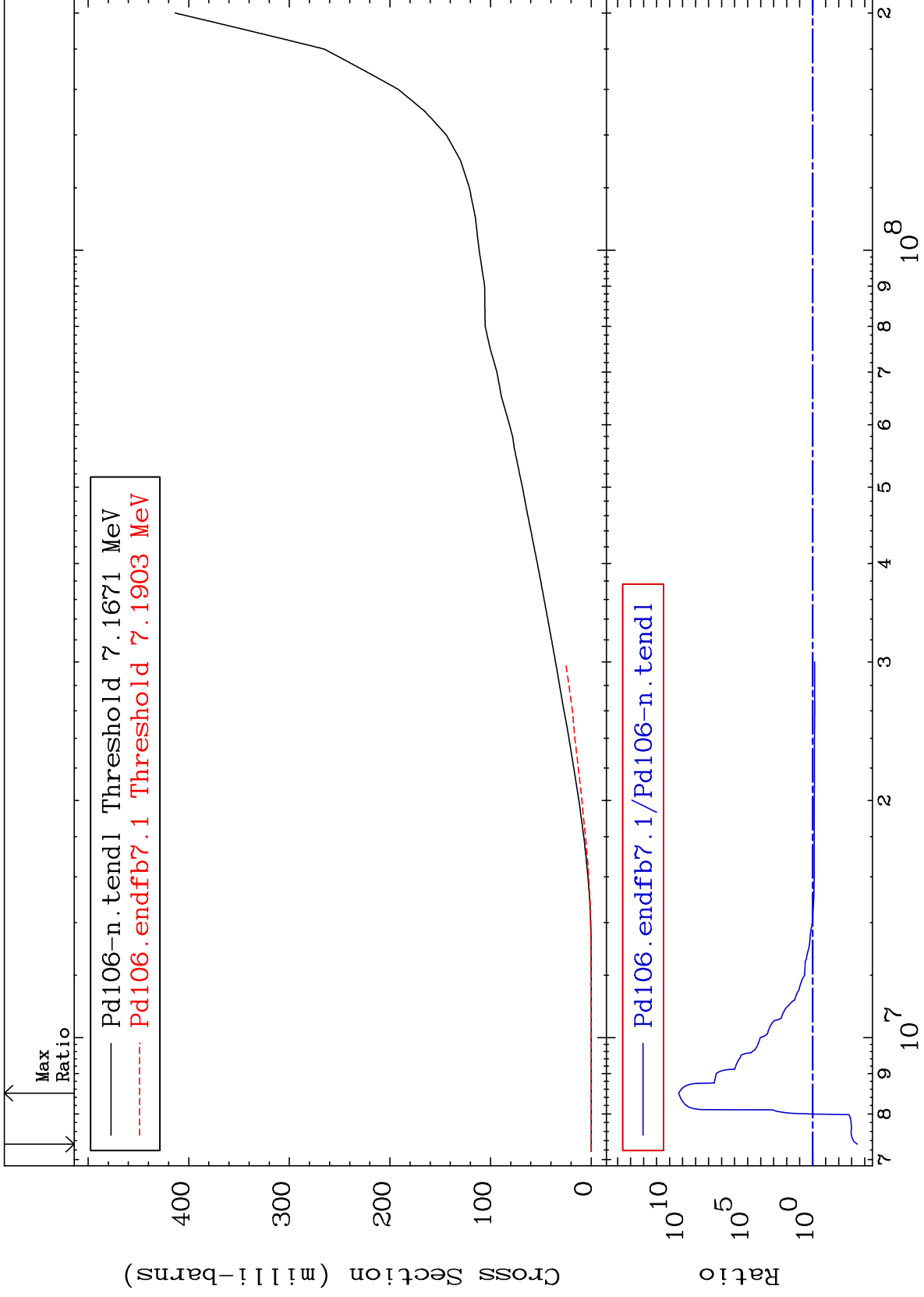
46-Pd-106  
-96.63 To 9999. %



MAT 4637

Deuterium Production  
Cross Section

46-Pd-106  
-99.96 To 9999. %



42

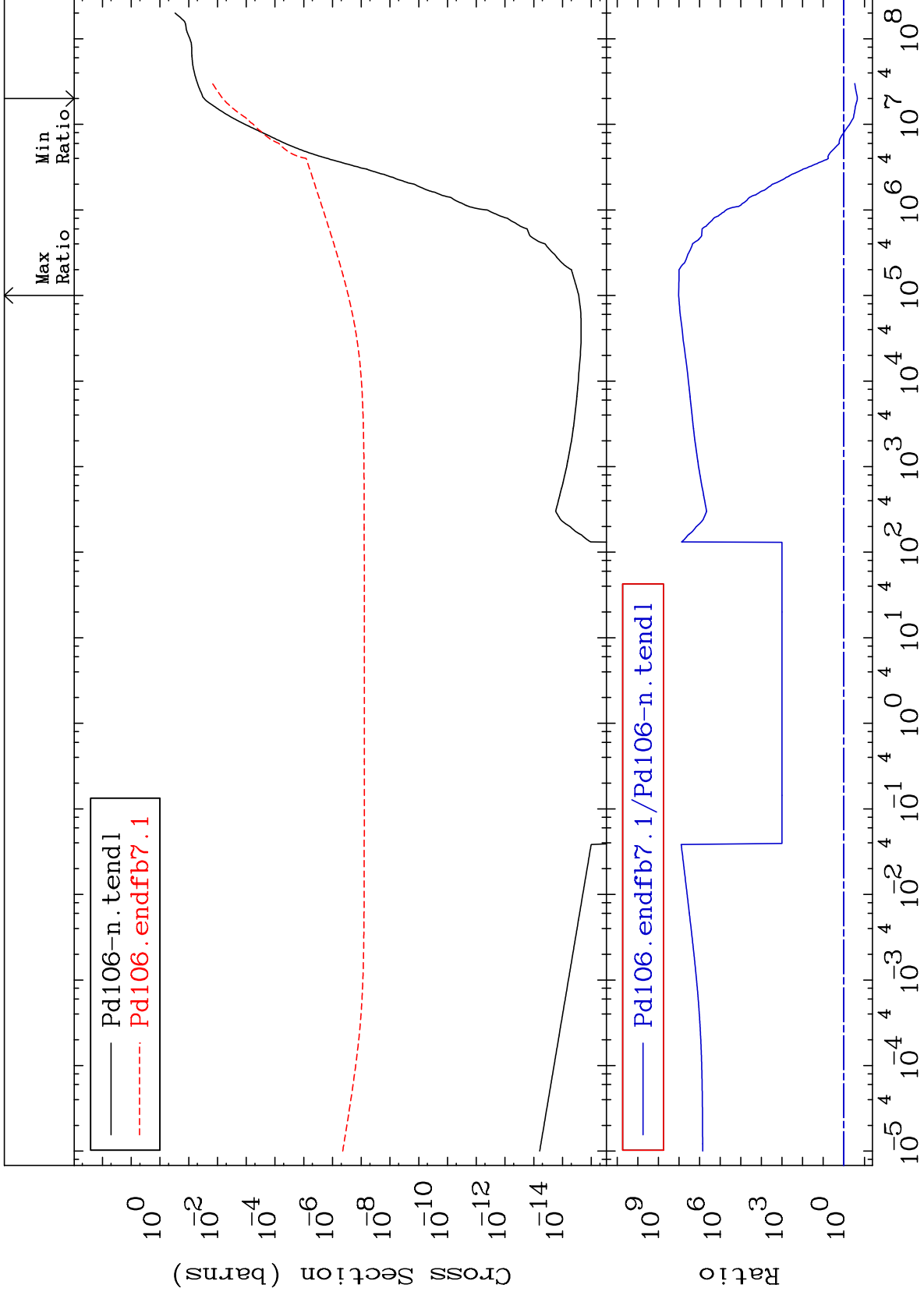
Incident Energy (eV)

46-Pd-106

MAT 4637

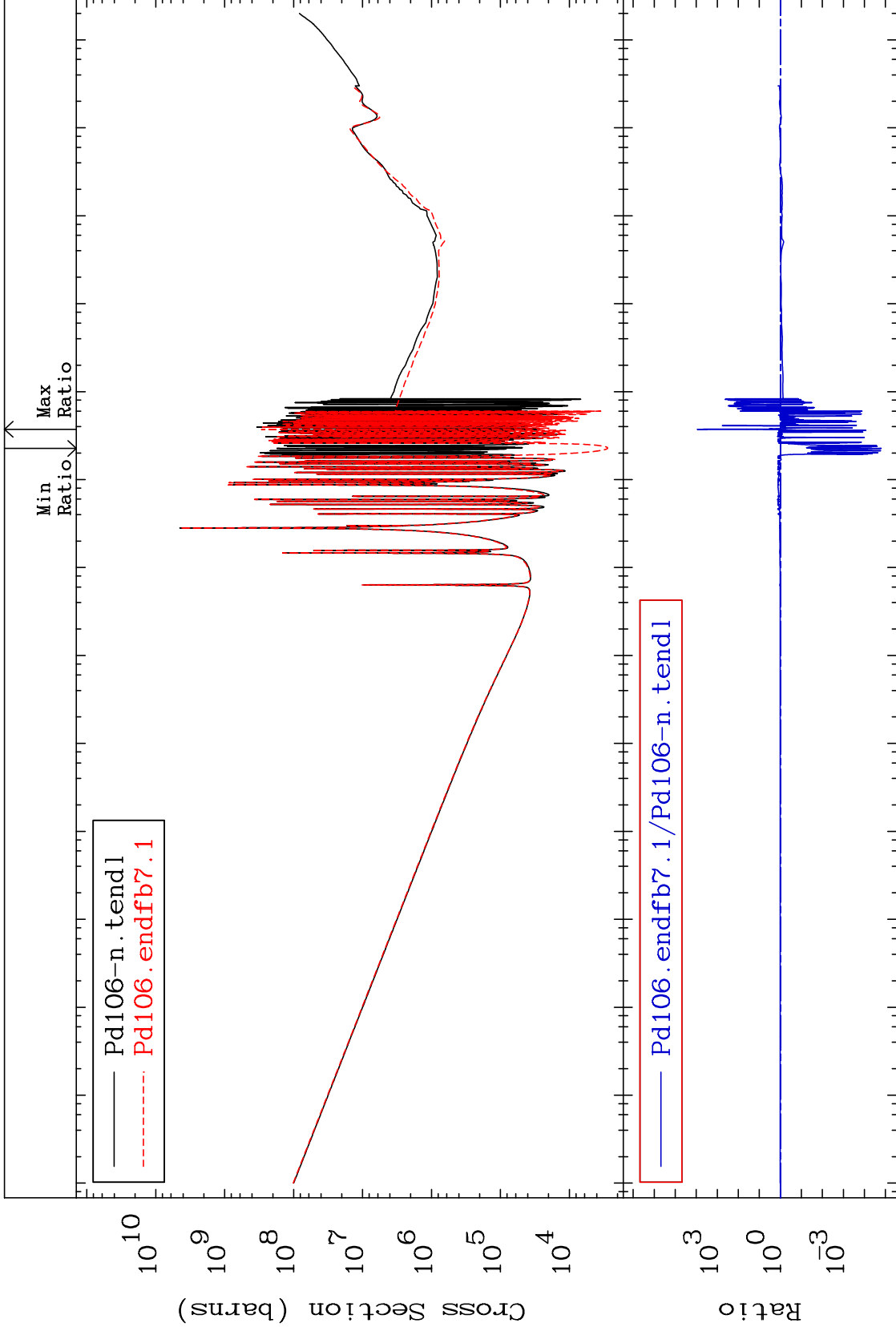
He-4 Production  
Cross Section

46-Pd-106  
-77.68 To 9999. %



Cross Section

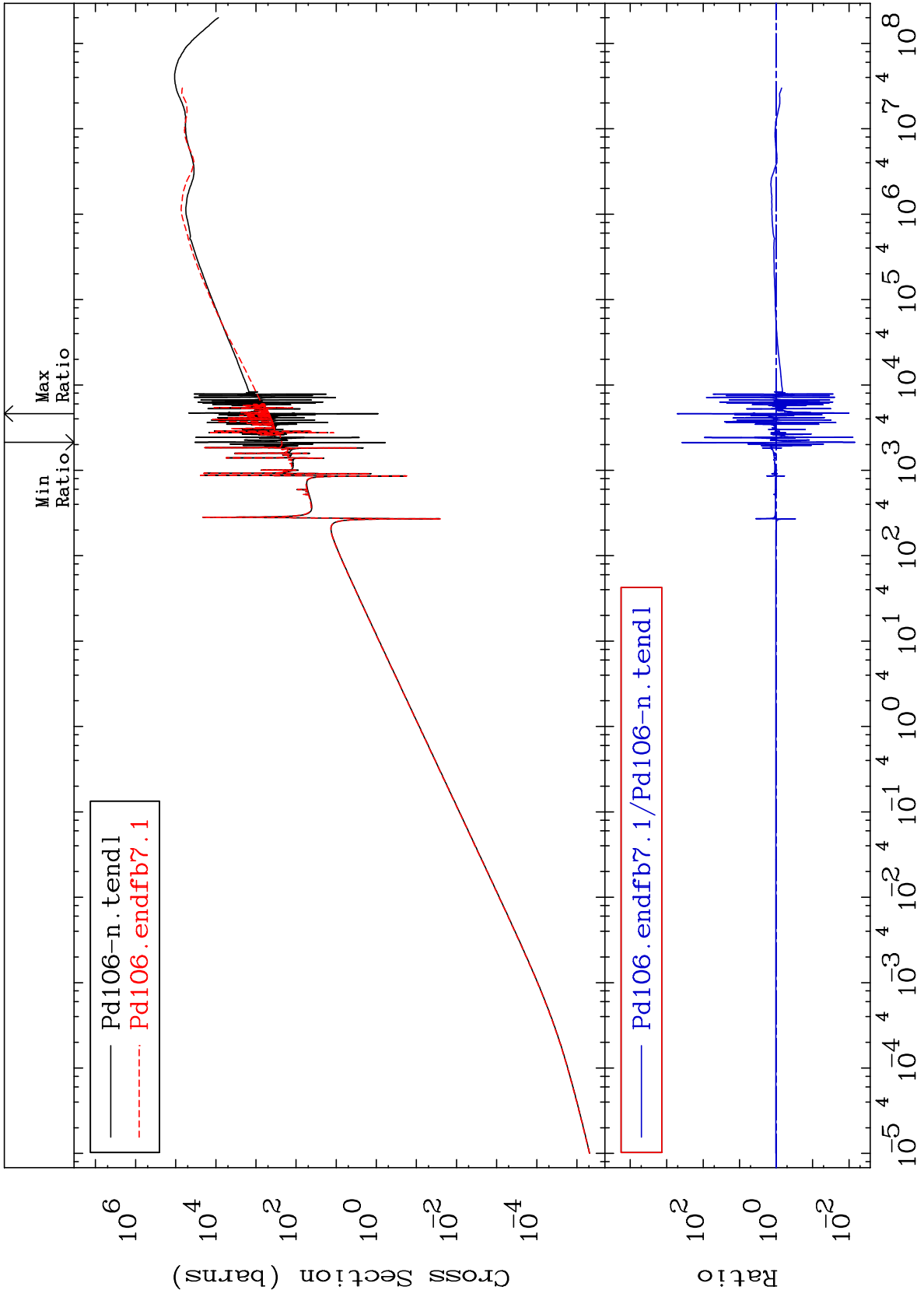
-100.0 To 9999. %



MAT 4637

Kerma elastic  
Cross Section

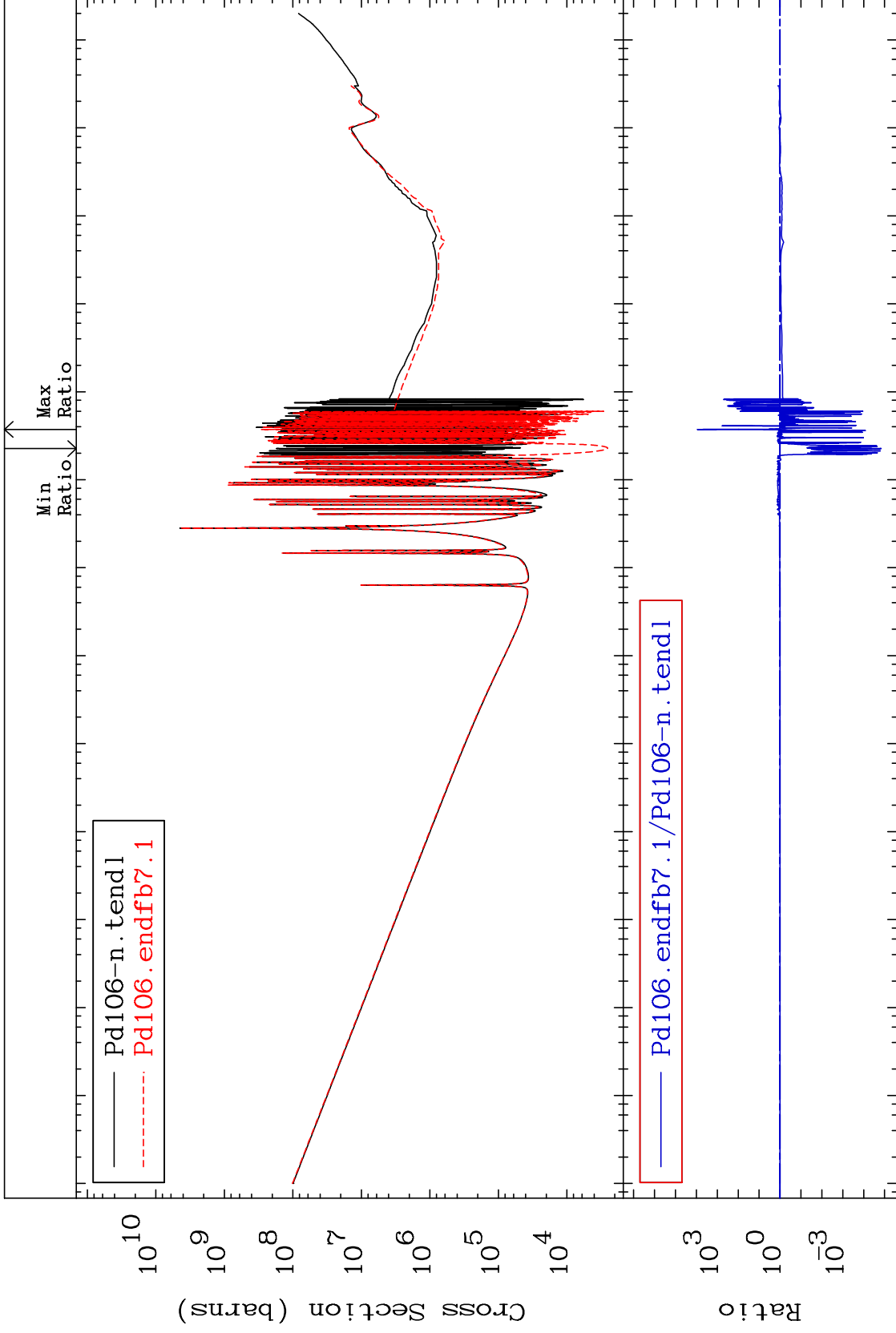
46-Pd-106  
-99.32 To 9999. %

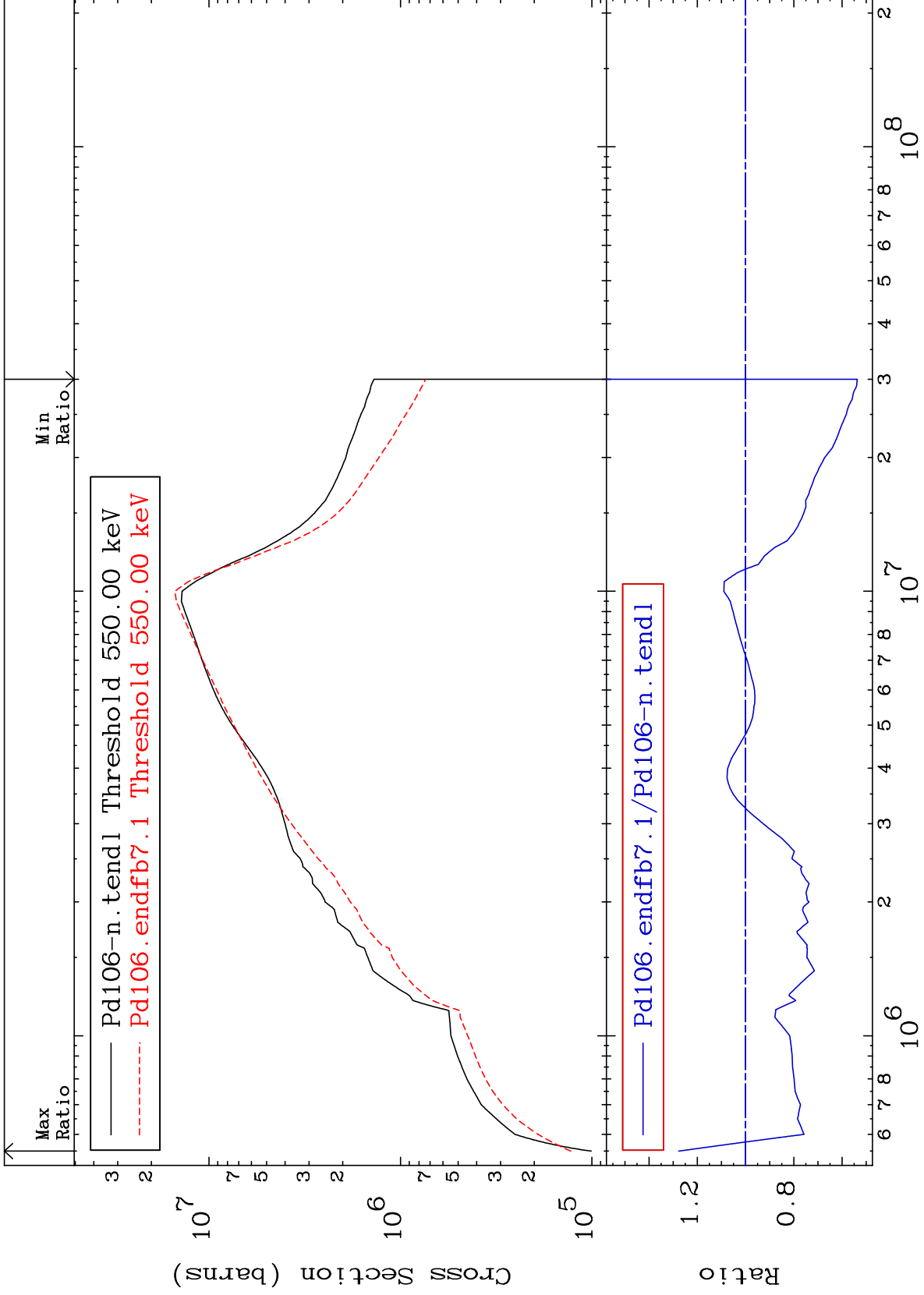


45

Incident Energy (eV)

46-Pd-106

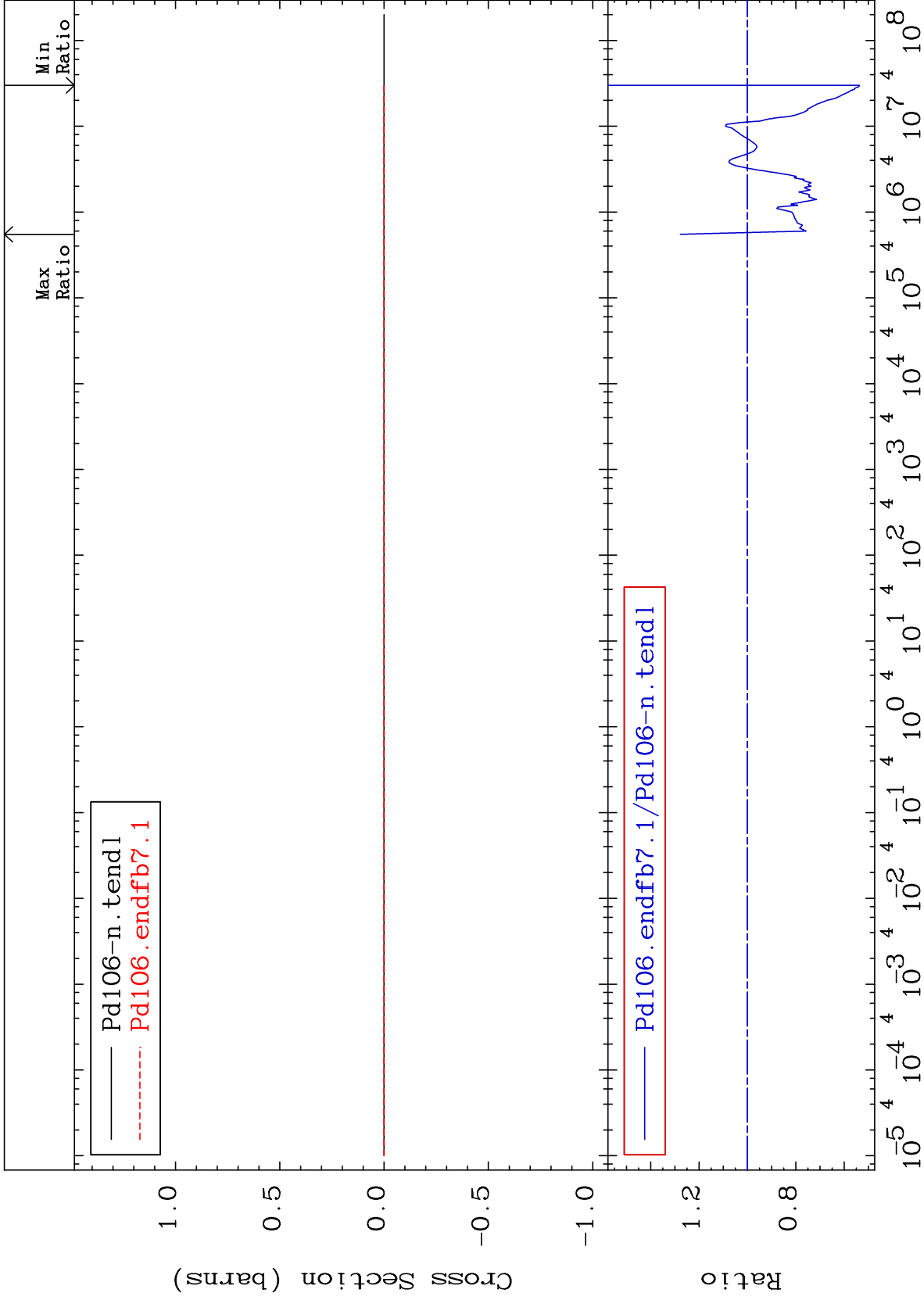




MAT 4637

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

46-Pd-106  
-46.33 To 27.71 %



48

Incident Energy (eV)

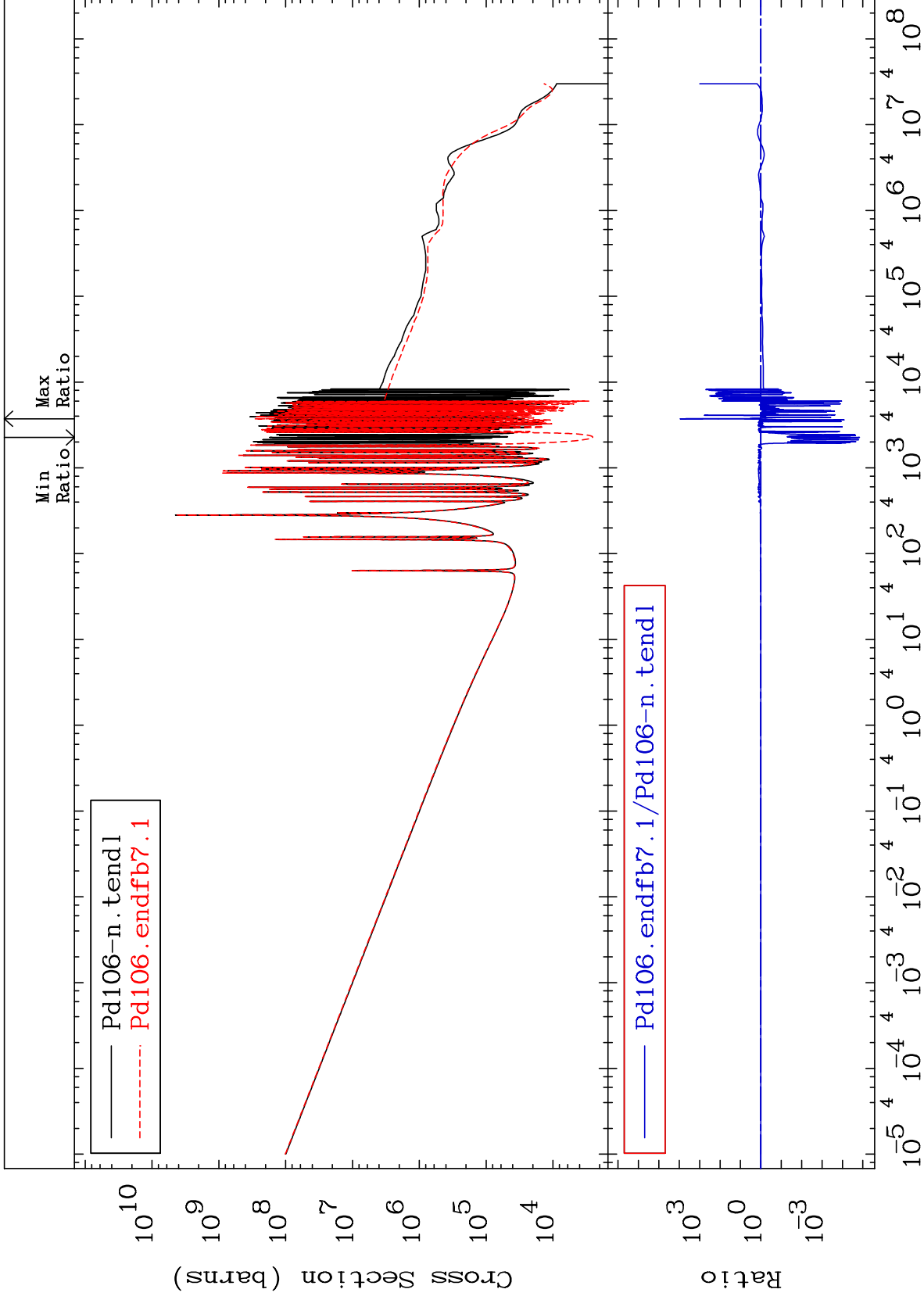
46-Pd-106



MAT 4637

Kerma capture (mt102)  
Cross Section

46-Pd-106  
-100.0 To 9999. %



49

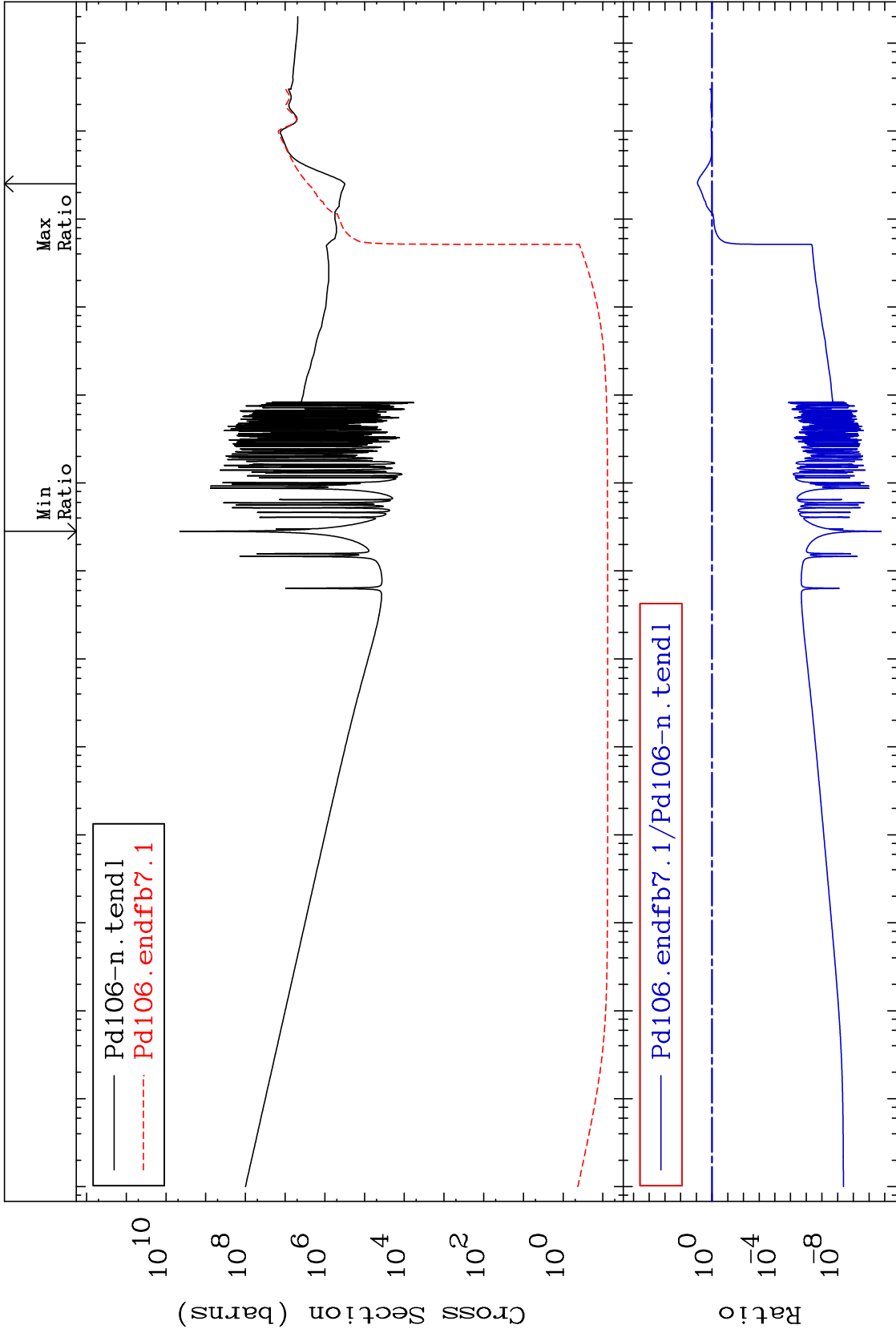
Incident Energy (eV)

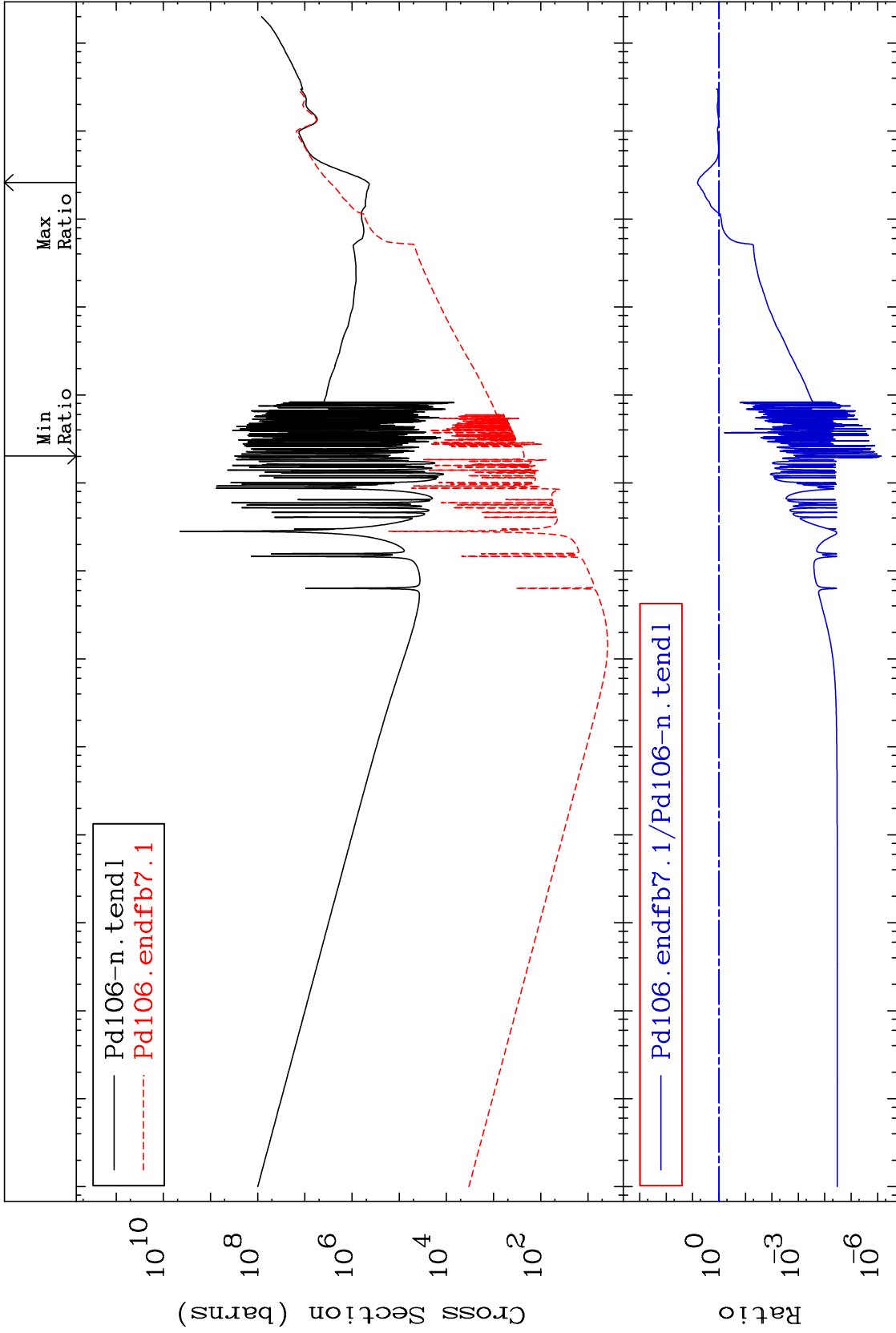
46-Pd-106

MAT 4637

Total photon (eV-barns)  
Cross Section

46-Pd-106  
-100.0 To 743.2 %





MAT 4637

Dpa total (eV-barns)  
Cross Section

46-Pd-106  
-99.33 To 9999. %

