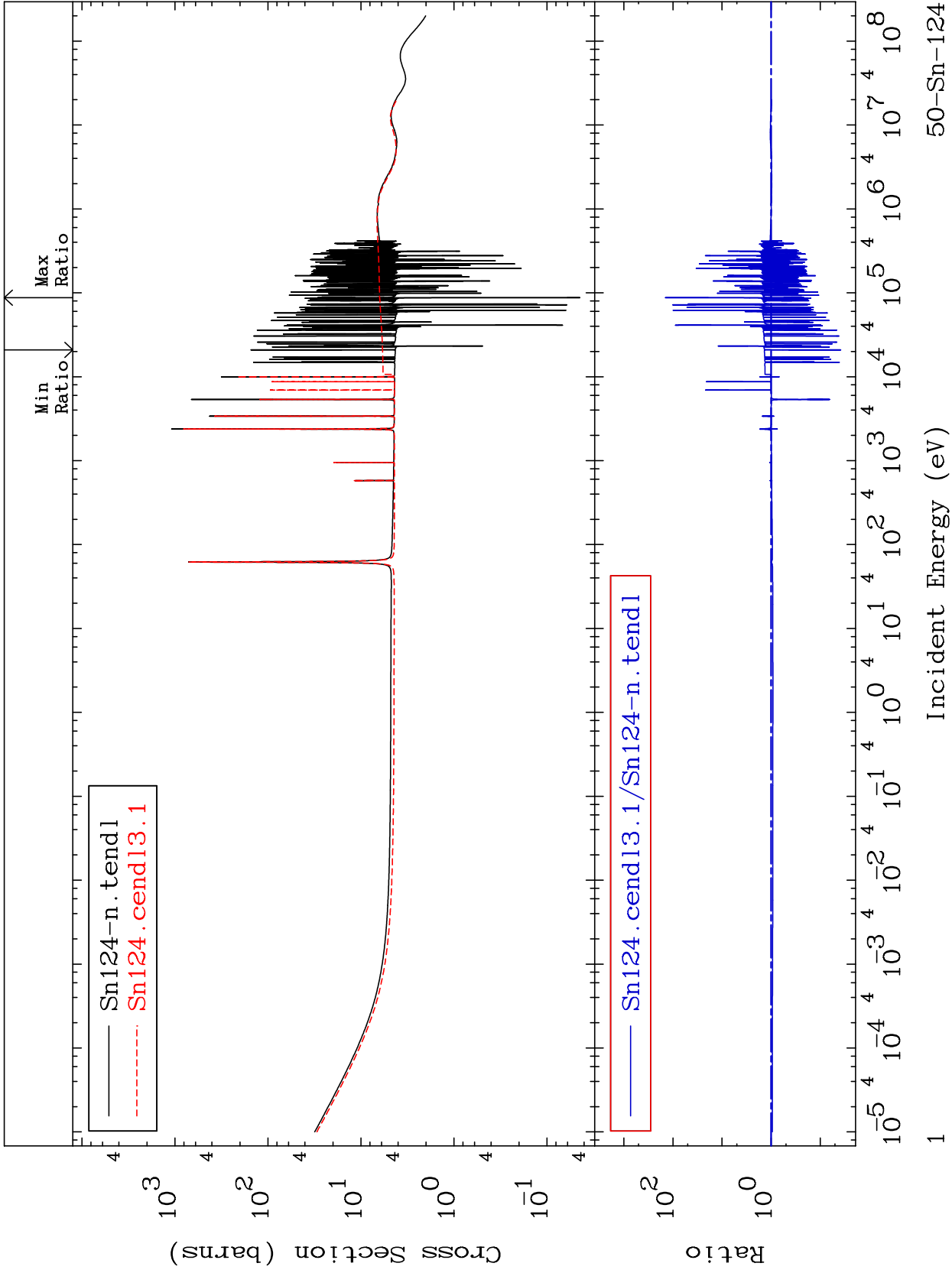


MAT 5061

Total  
Cross Section

50-Sn-124  
-96.16 To 9999. %



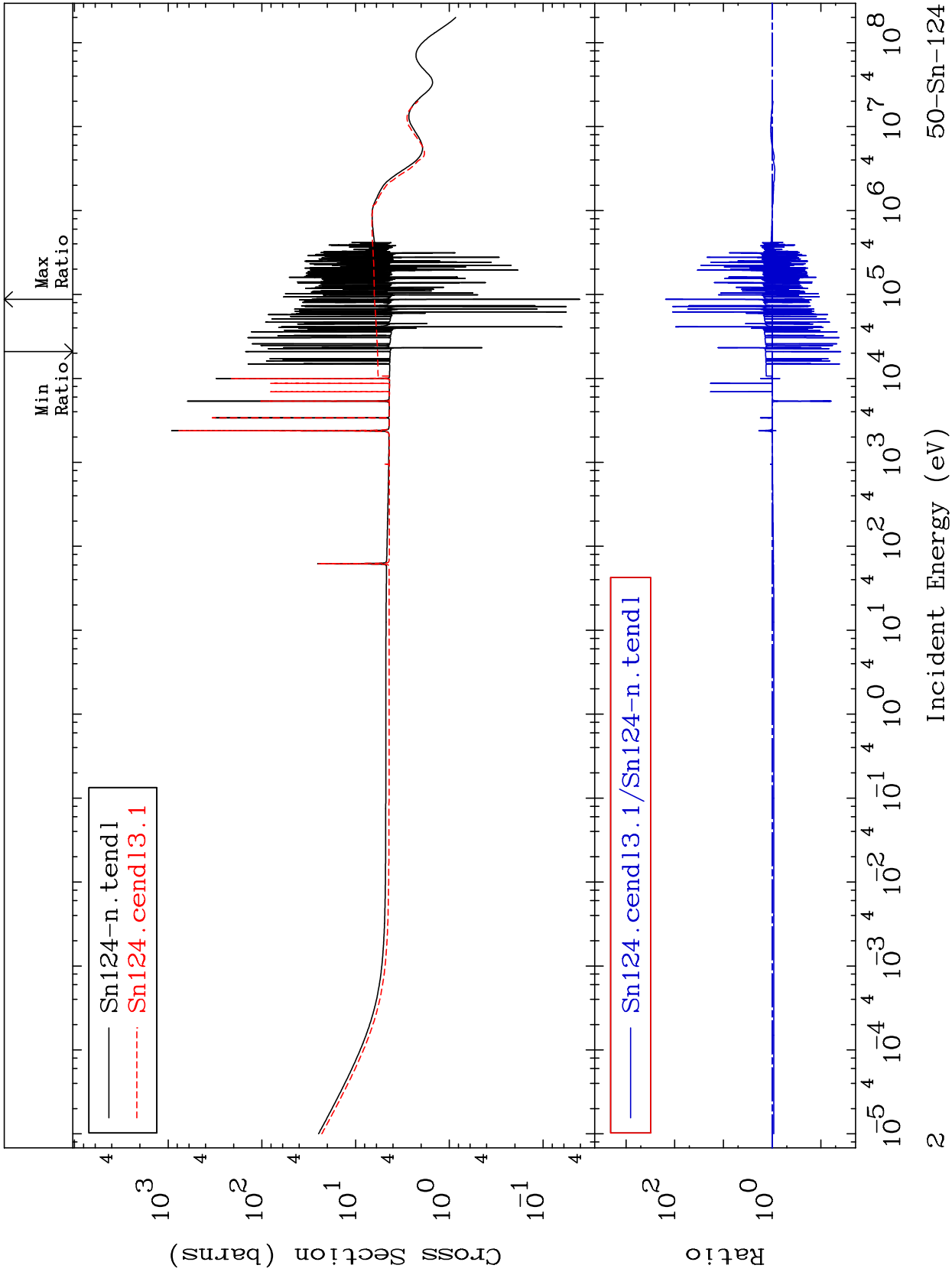
50-Sn-124

Incident Energy (eV)

MAT 5061

Elastic  
Cross Section

50-Sn-124  
-96.08 To 9999. %



50-Sn-124

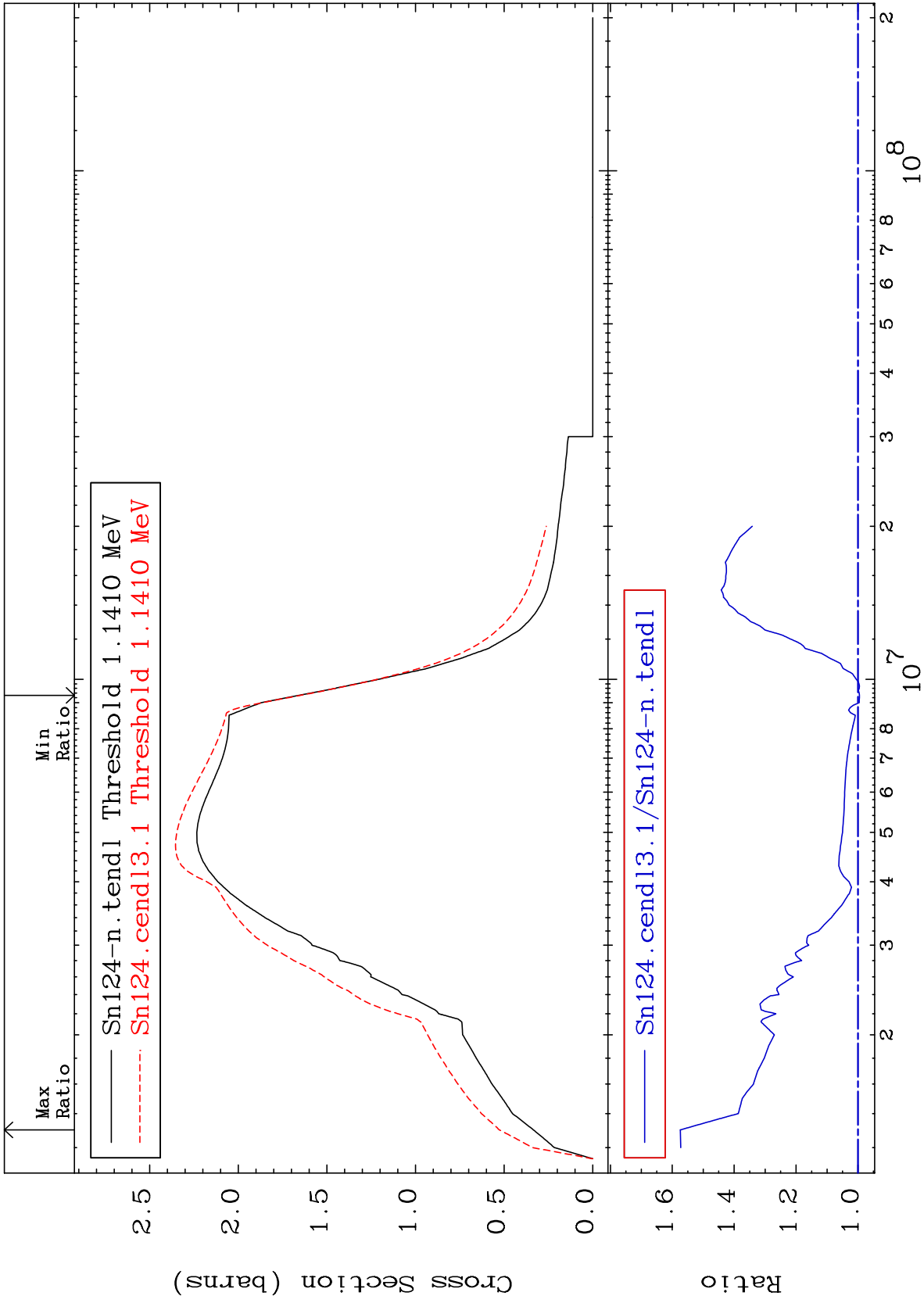
Incident Energy (eV)

2

MAT 5061

Inelastic  
Cross Section

50-Sn-124  
-0.459 To 57.39 %



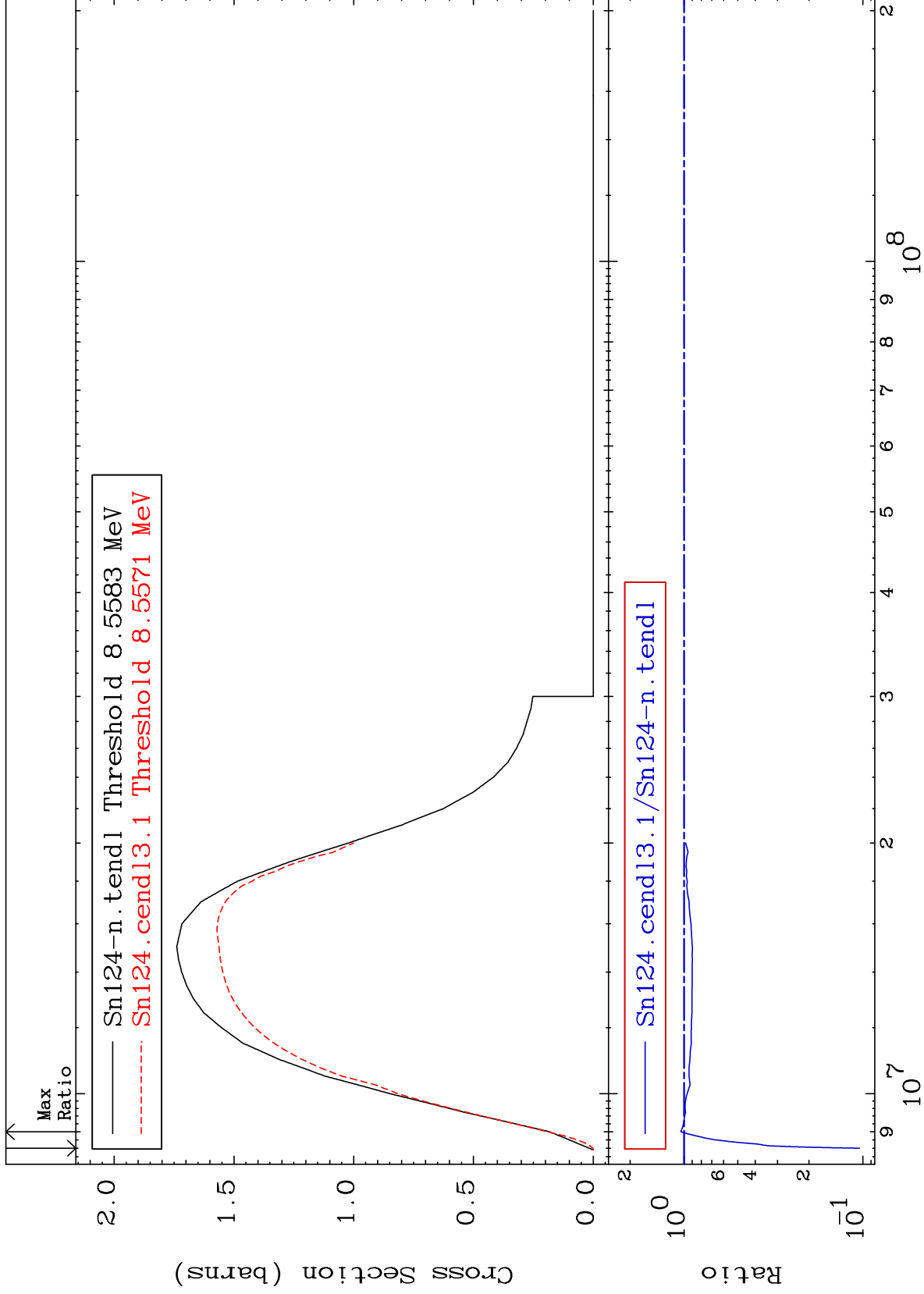
MAT 5061

(n,2n)

50-Sn-124

Cross Section

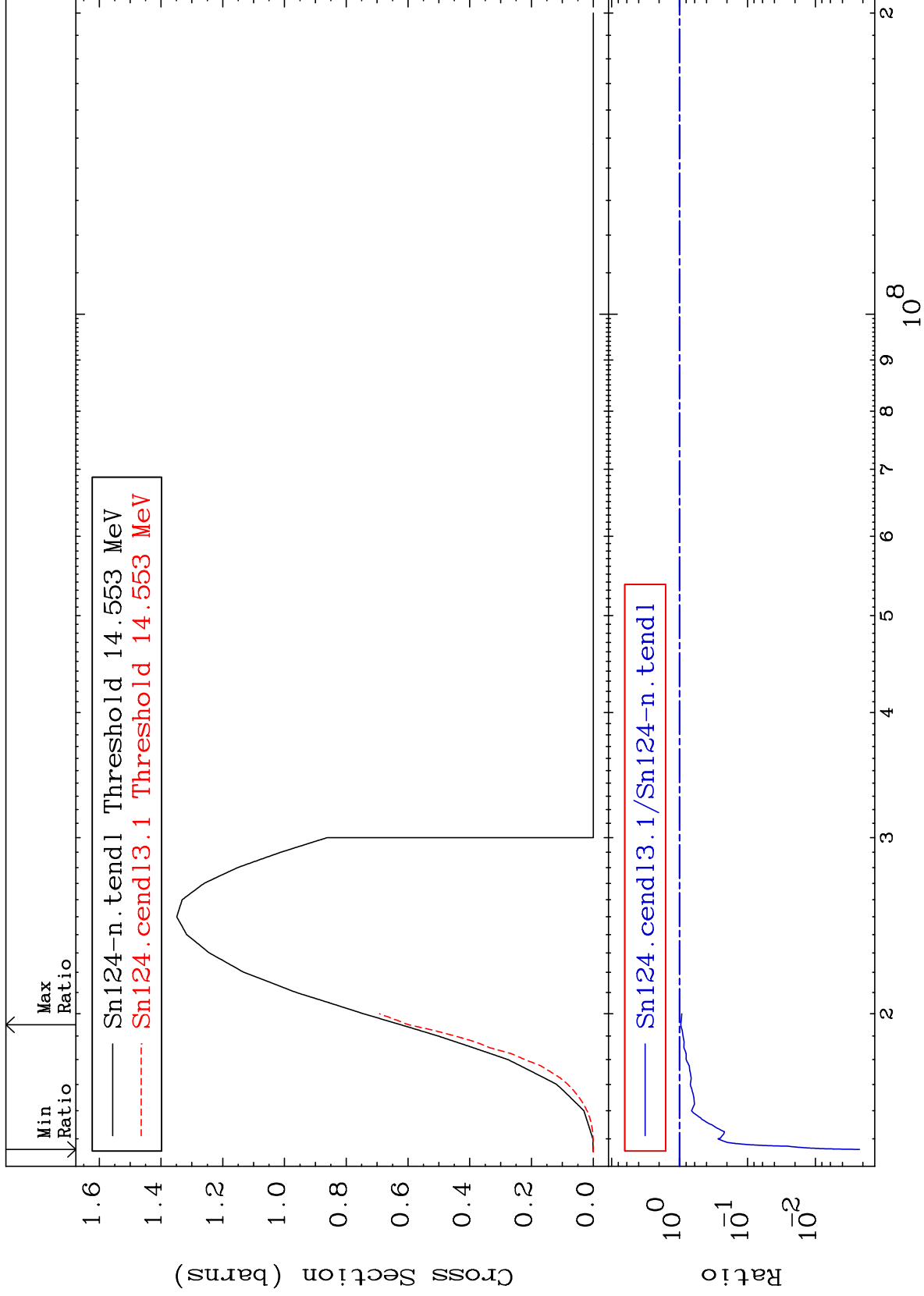
-89.57 To 4.268 %



4

Incident Energy (eV)

50-Sn-124

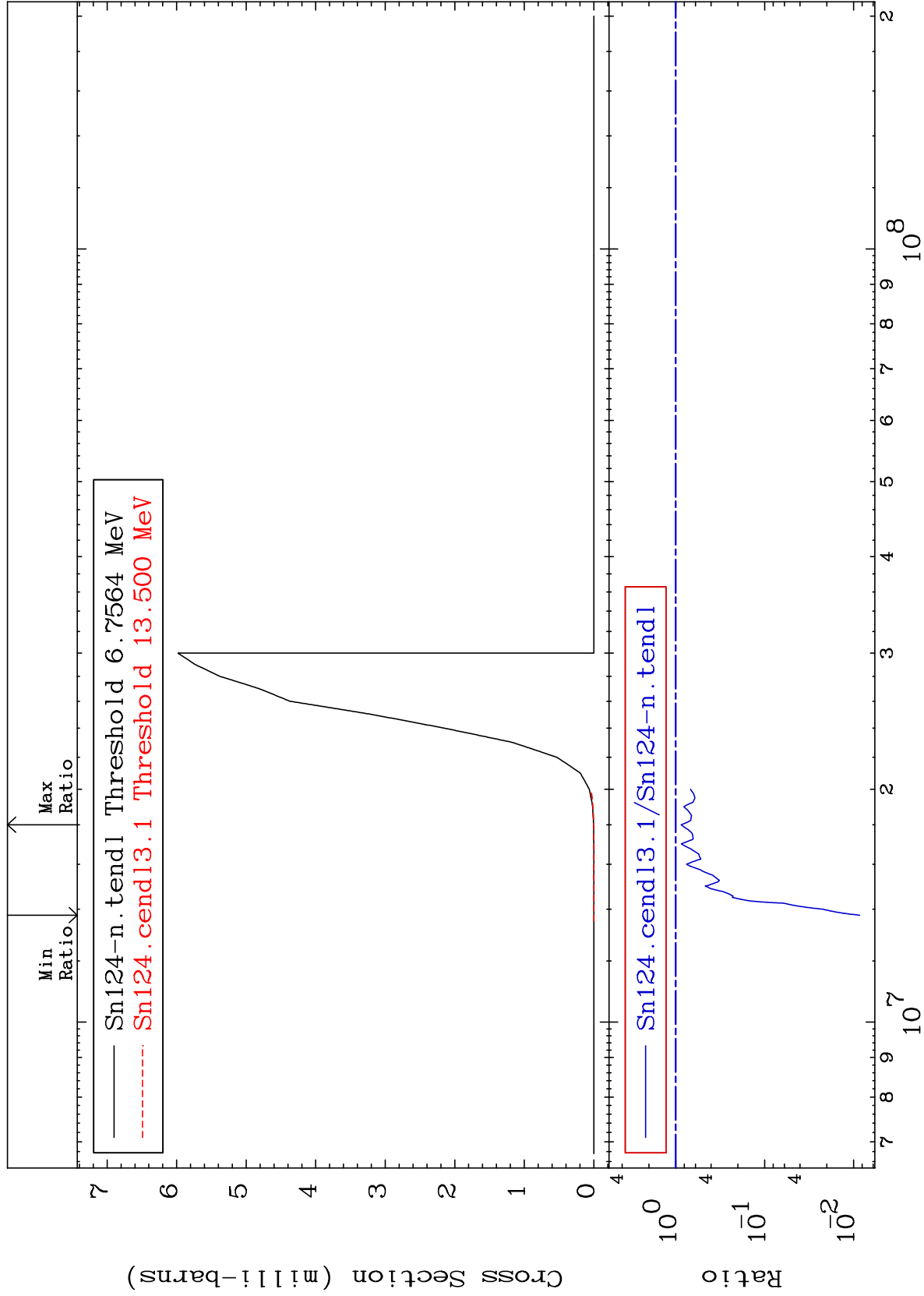


MAT 5061

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

50-Sn-124

-99.15 To -13.21%



6

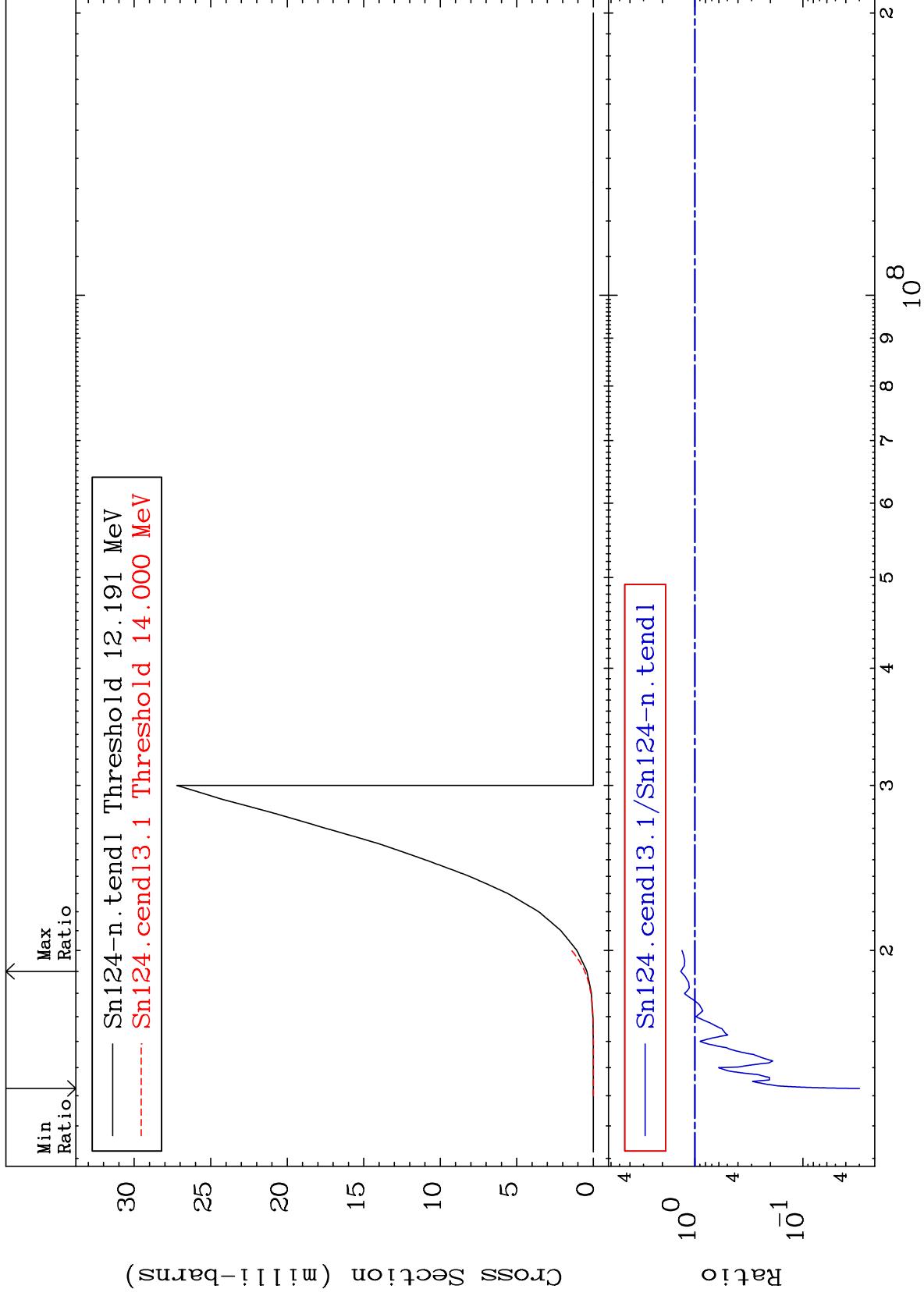
Incident Energy (eV)

50-Sn-124

MAT 5061

(n,n') p  
Cross Section

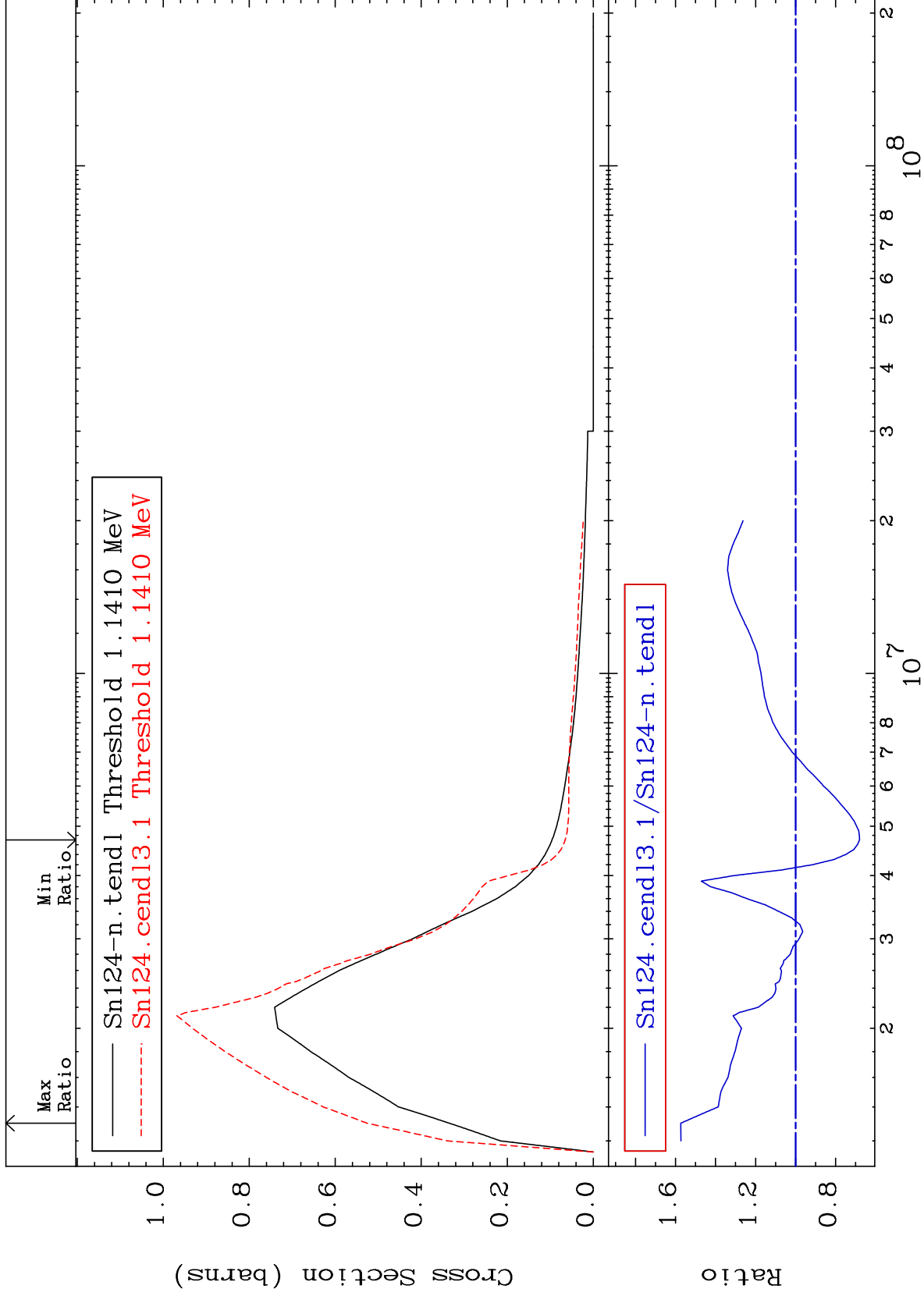
50-Sn-124  
-97.01 To 35.35 %



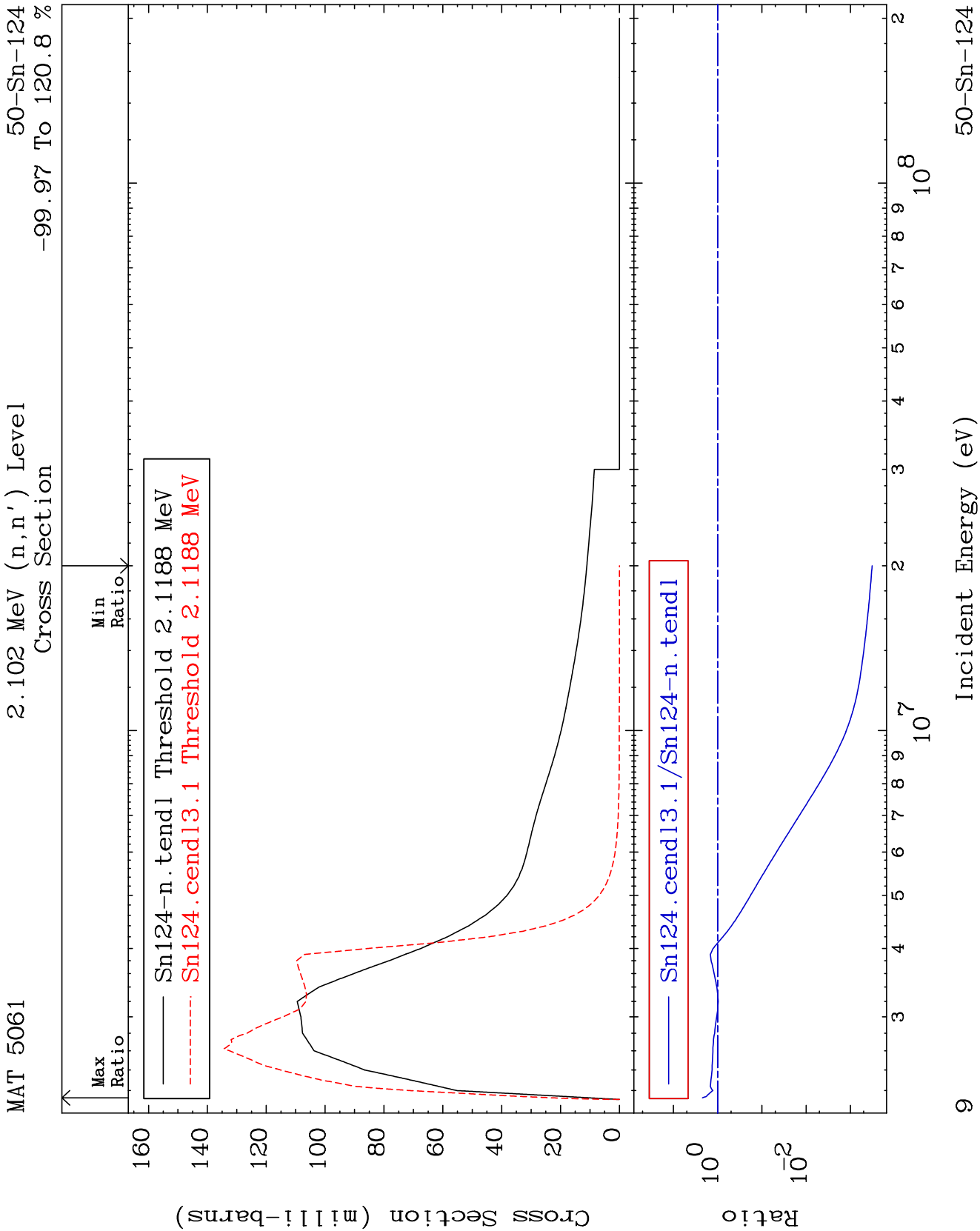
MAT 5061

1.132 MeV (n,n') Level  
Cross Section

50-Sn-124  
-31.97 To 57.39 %



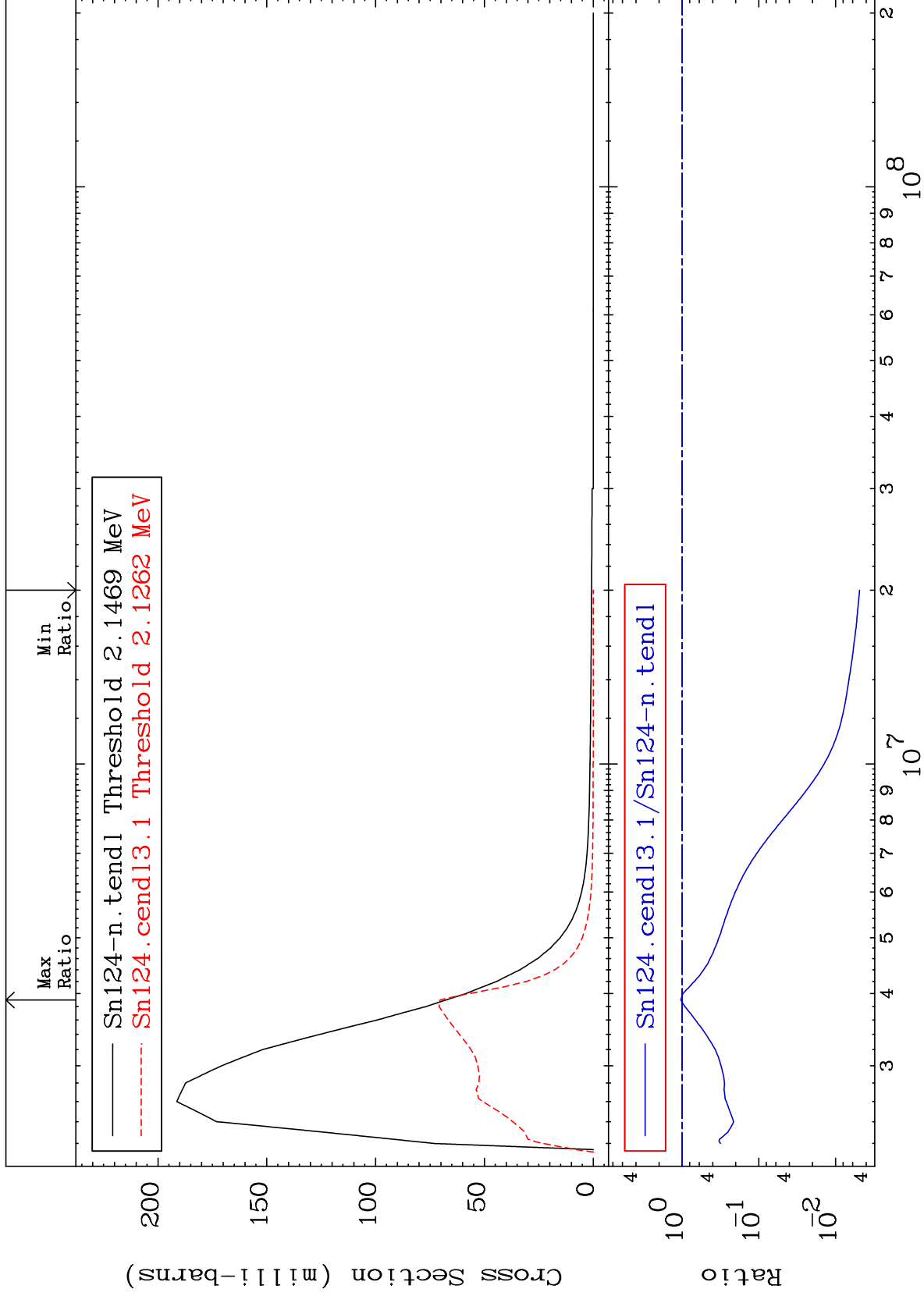




MAT 5061

2.130 MeV (n,n') Level  
Cross Section

50-Sn-124  
-99.51 To 4.204 %



10

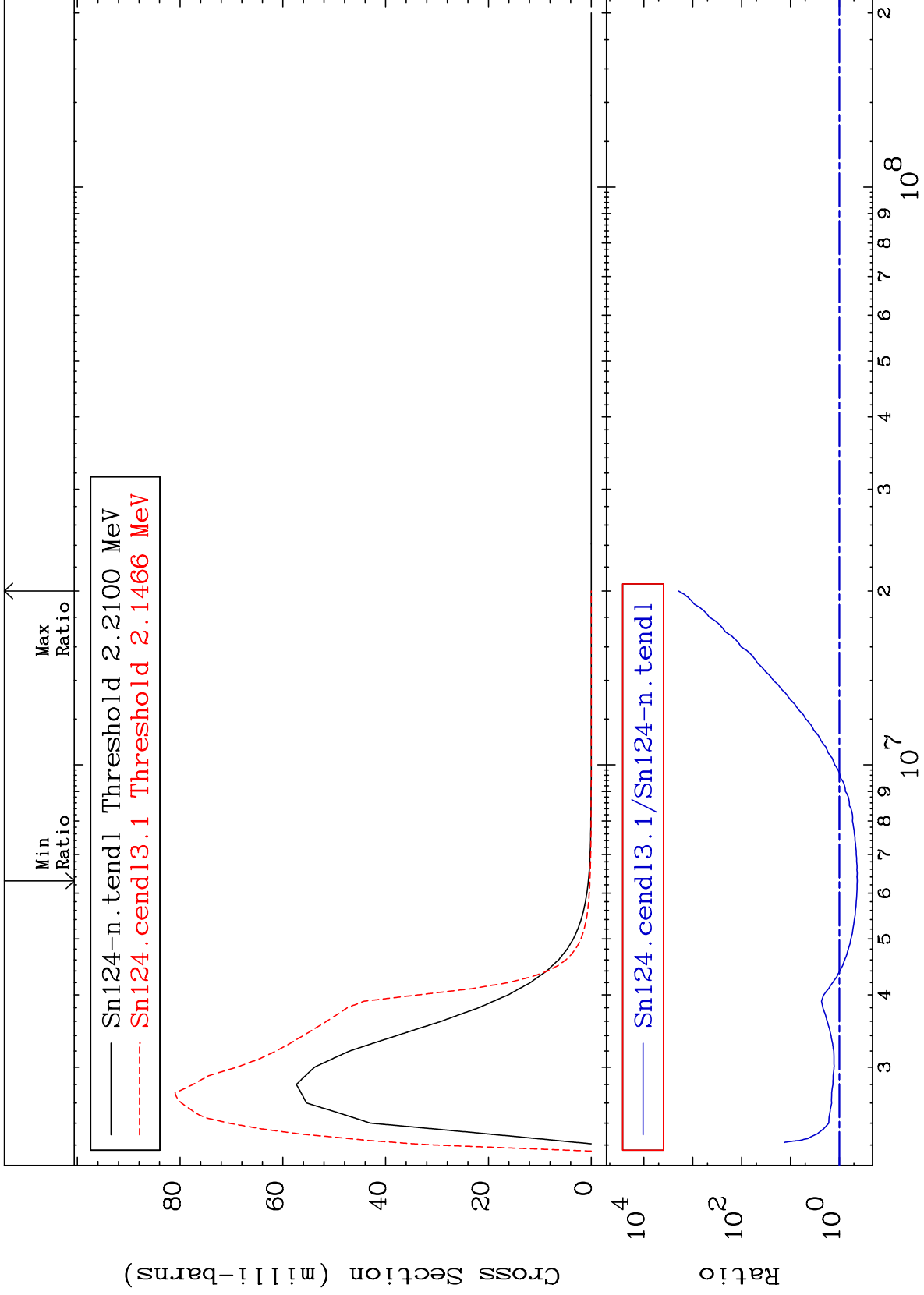
Incident Energy (eV)

50-Sn-124

MAT 5061

2.192 MeV (n,n') Level  
Cross Section

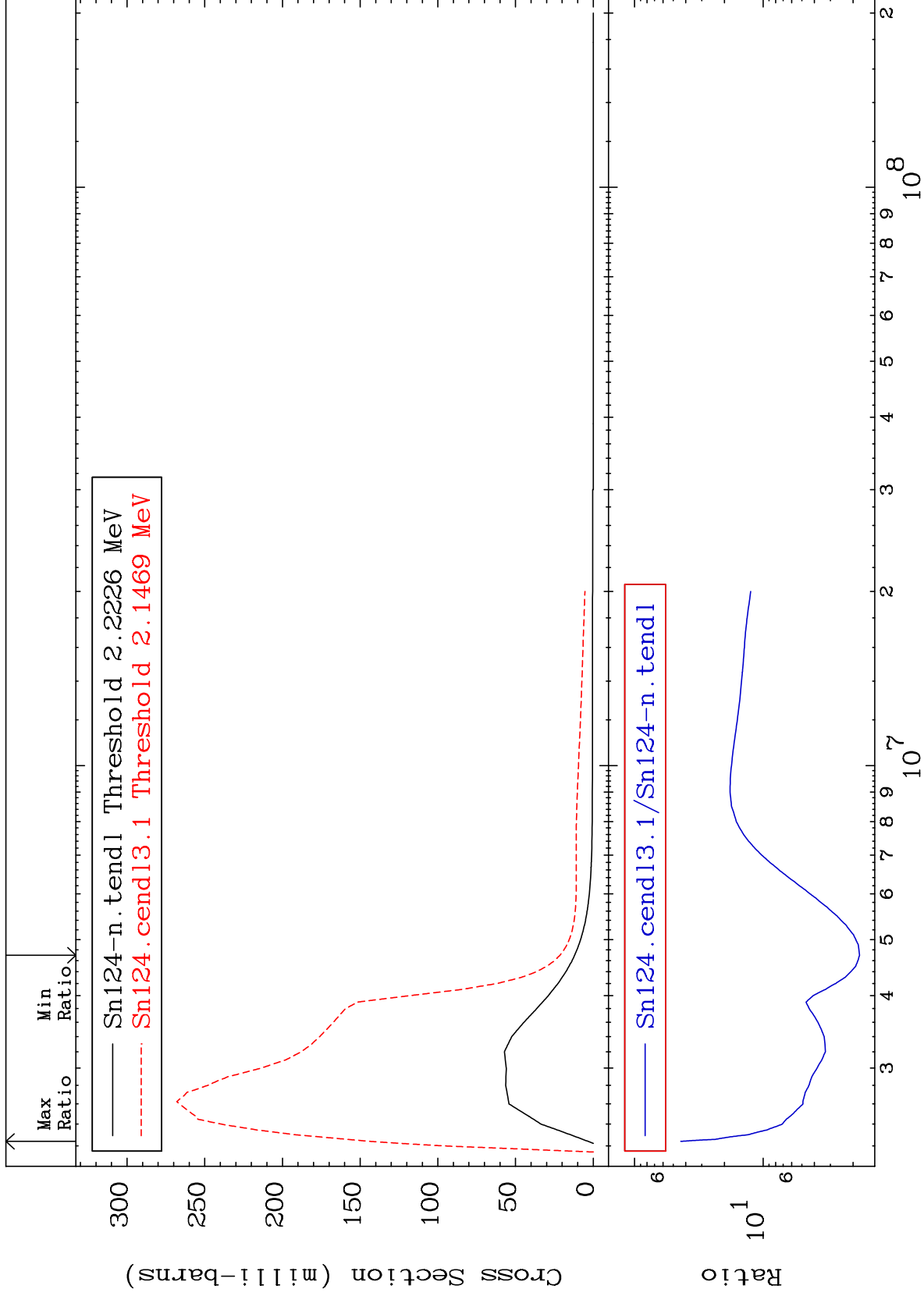
50-Sn-124  
-57.08 To 9999. %



MAT 5061

2.205 MeV (n,n') Level  
Cross Section

50-Sn-124  
78.07 To 4273. %



12

Incident Energy (eV)

50-Sn-124

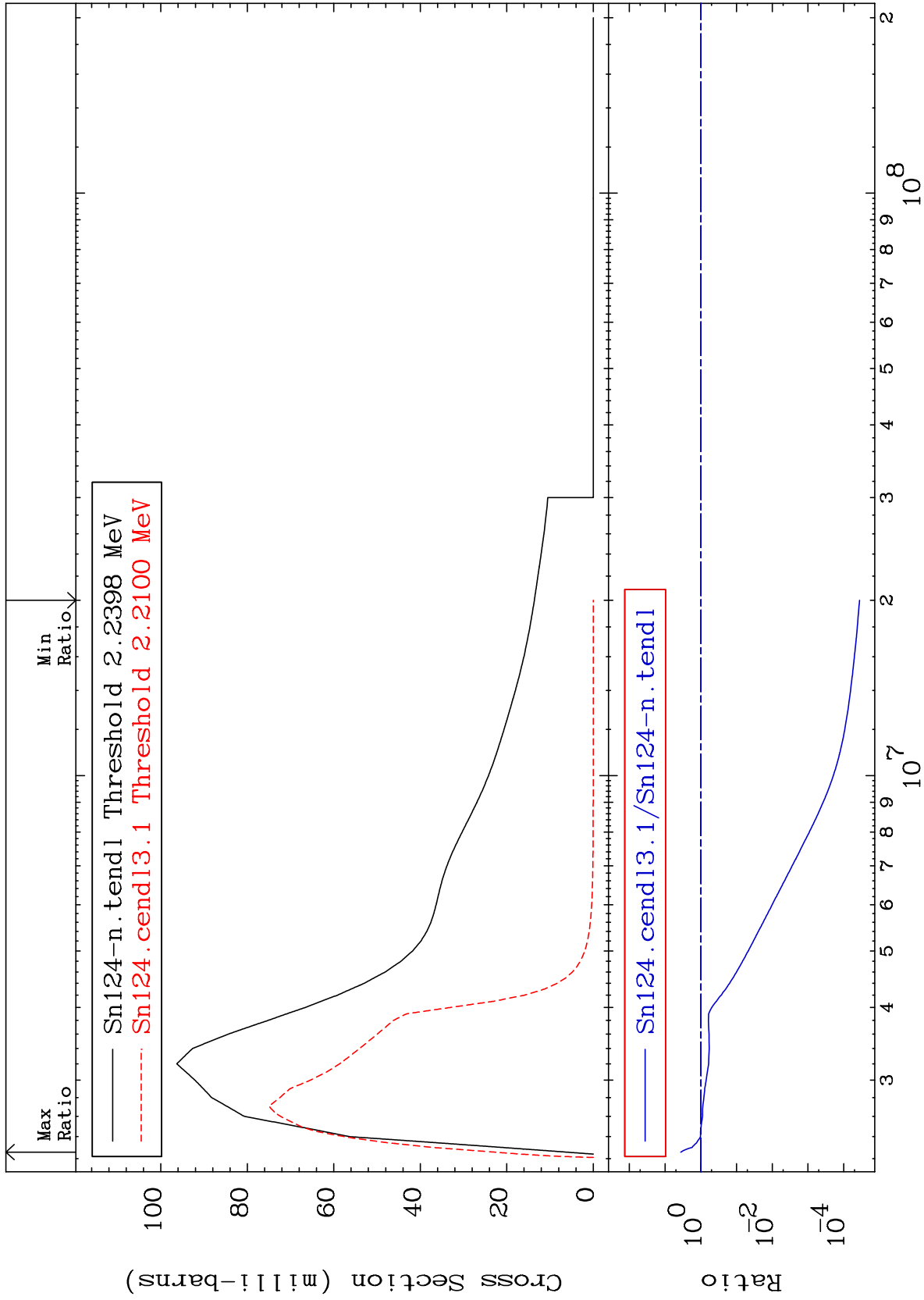
MAT 5061

2.222 MeV (n,n') Level

50-Sn-124

-100.0 To 264.7 %

Cross Section



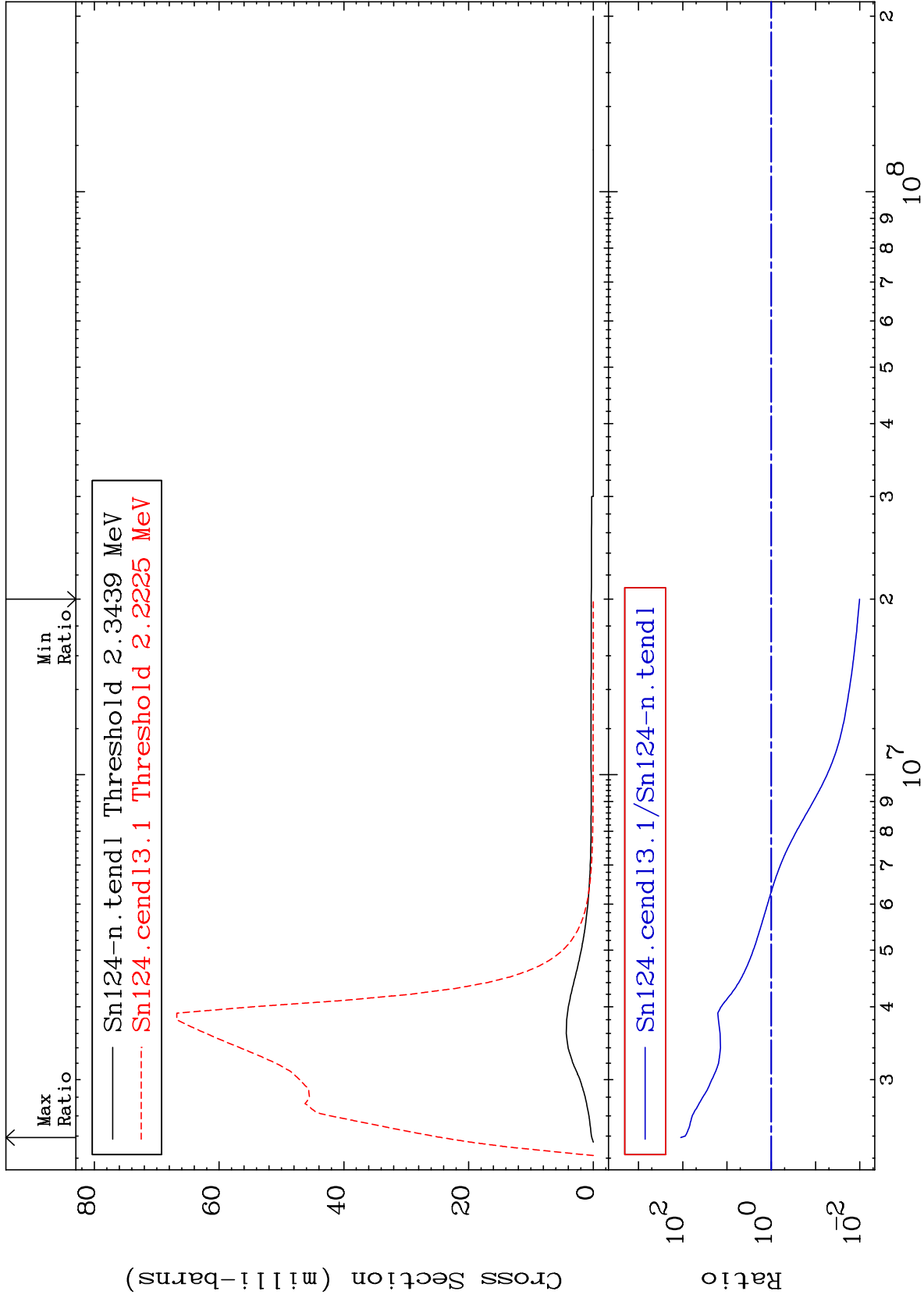
MAT 5061

2.325 MeV (n,n') Level

50-Sn-124

-98.99 To 9999. %

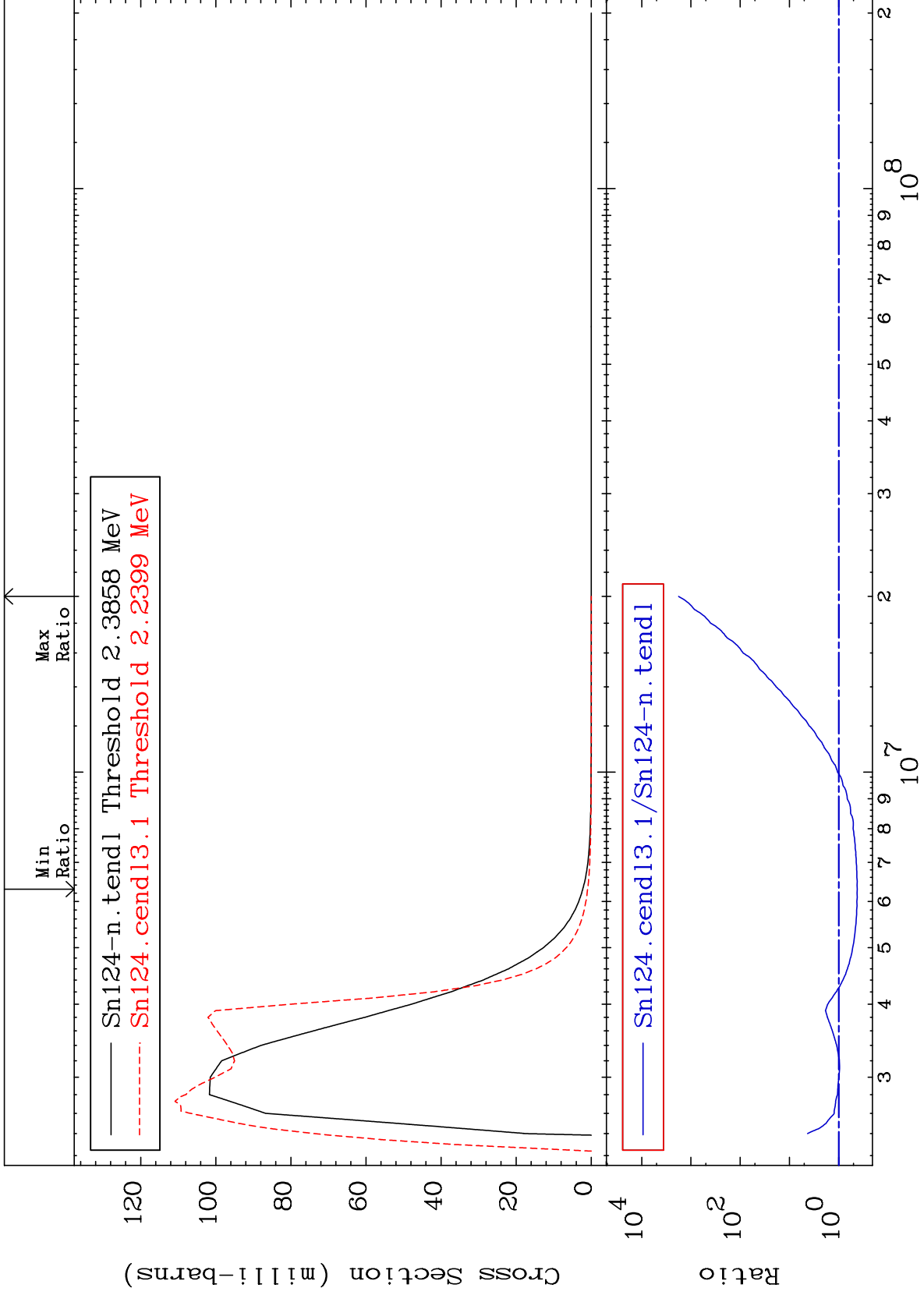
Cross Section



MAT 5061

2.367 MeV (n,n') Level  
Cross Section

50-Sn-124  
-58.00 To 9999. %



15

Incident Energy (eV)

50-Sn-124

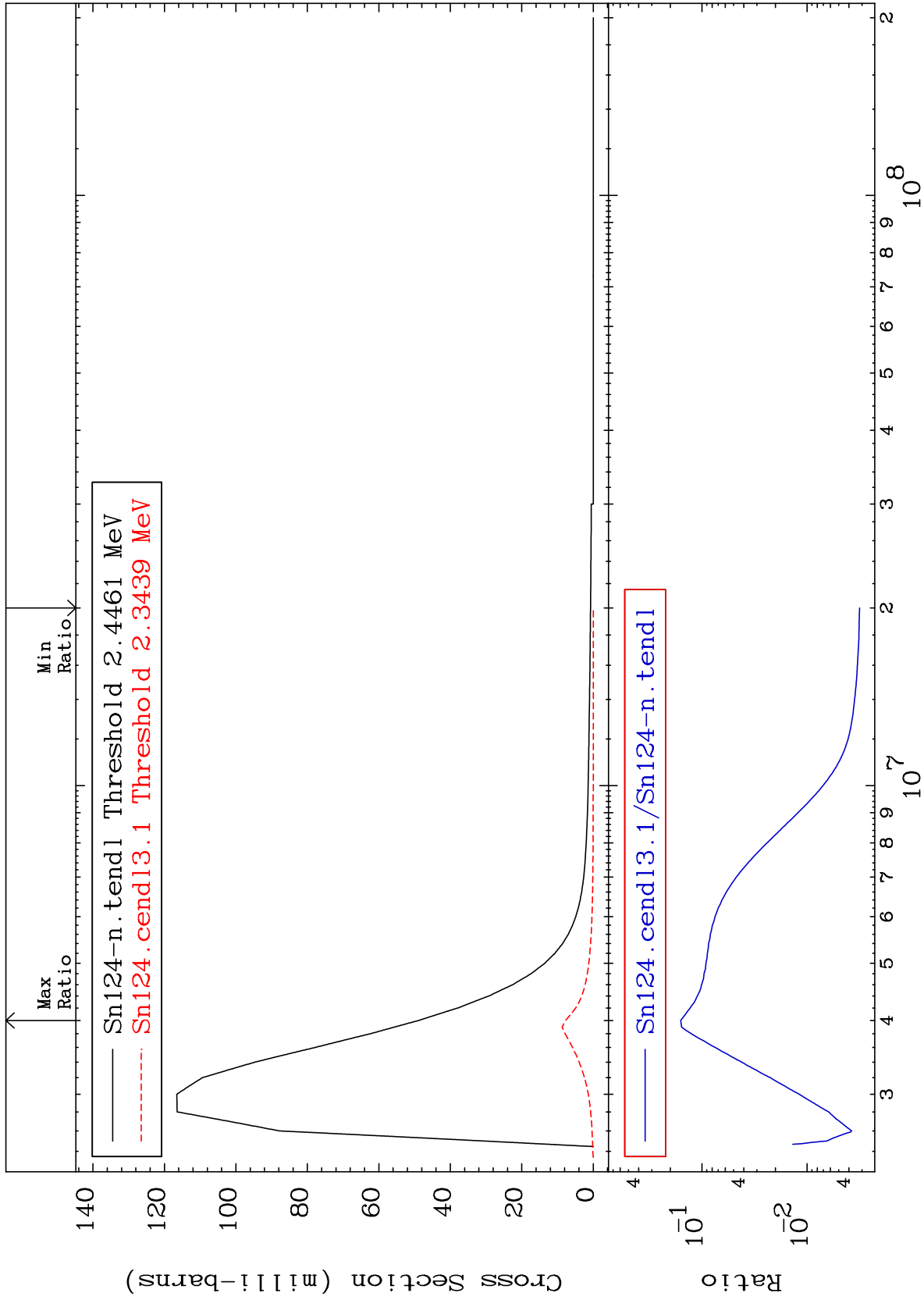
MAT 5061

2.426 MeV (n,n') Level

50-Sn-124

-99.68 To -84.09%

Cross Section

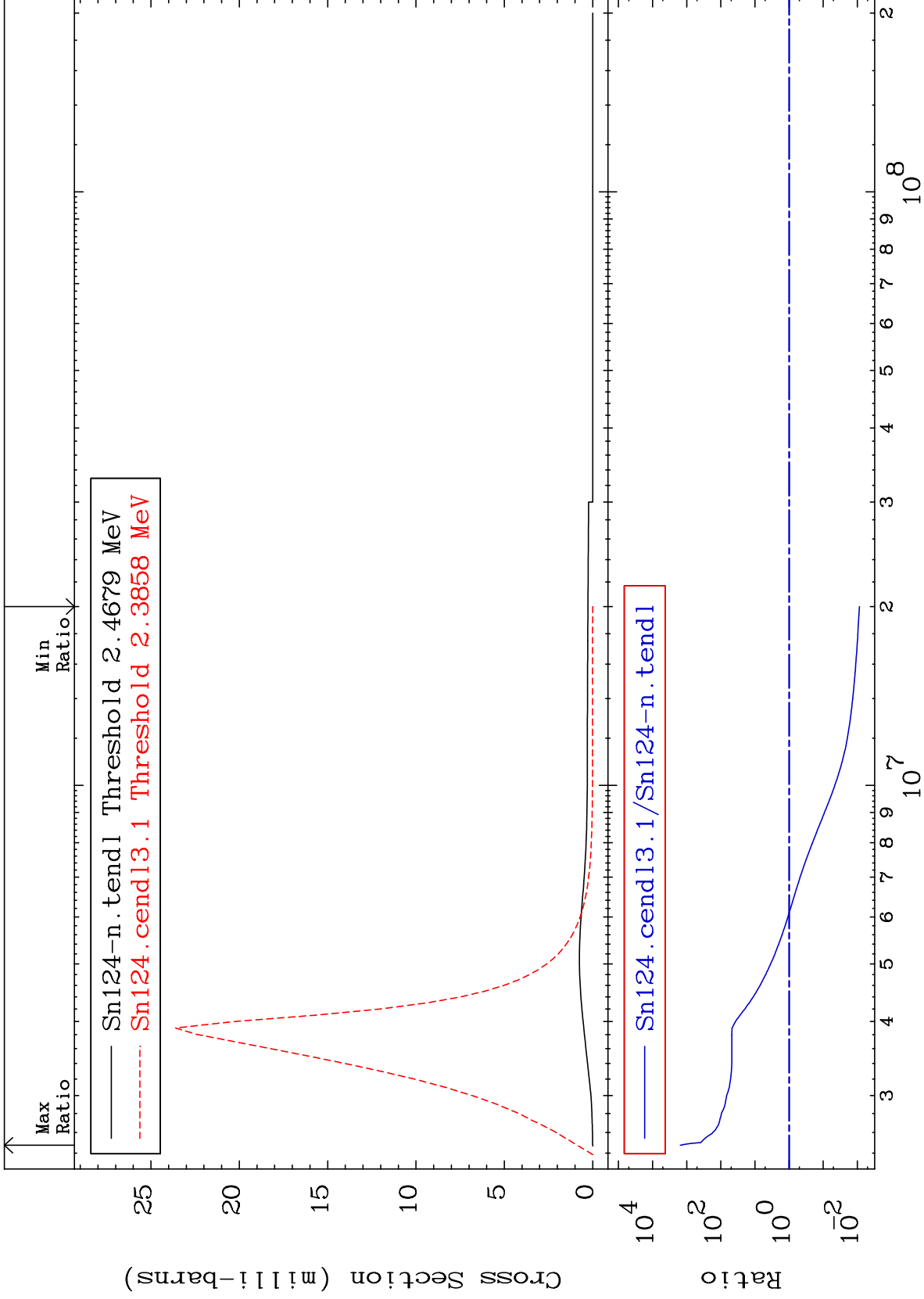




MAT 5061

2.448 MeV (n,n') Level  
Cross Section

50-Sn-124  
-99.13 To 9999. %



17

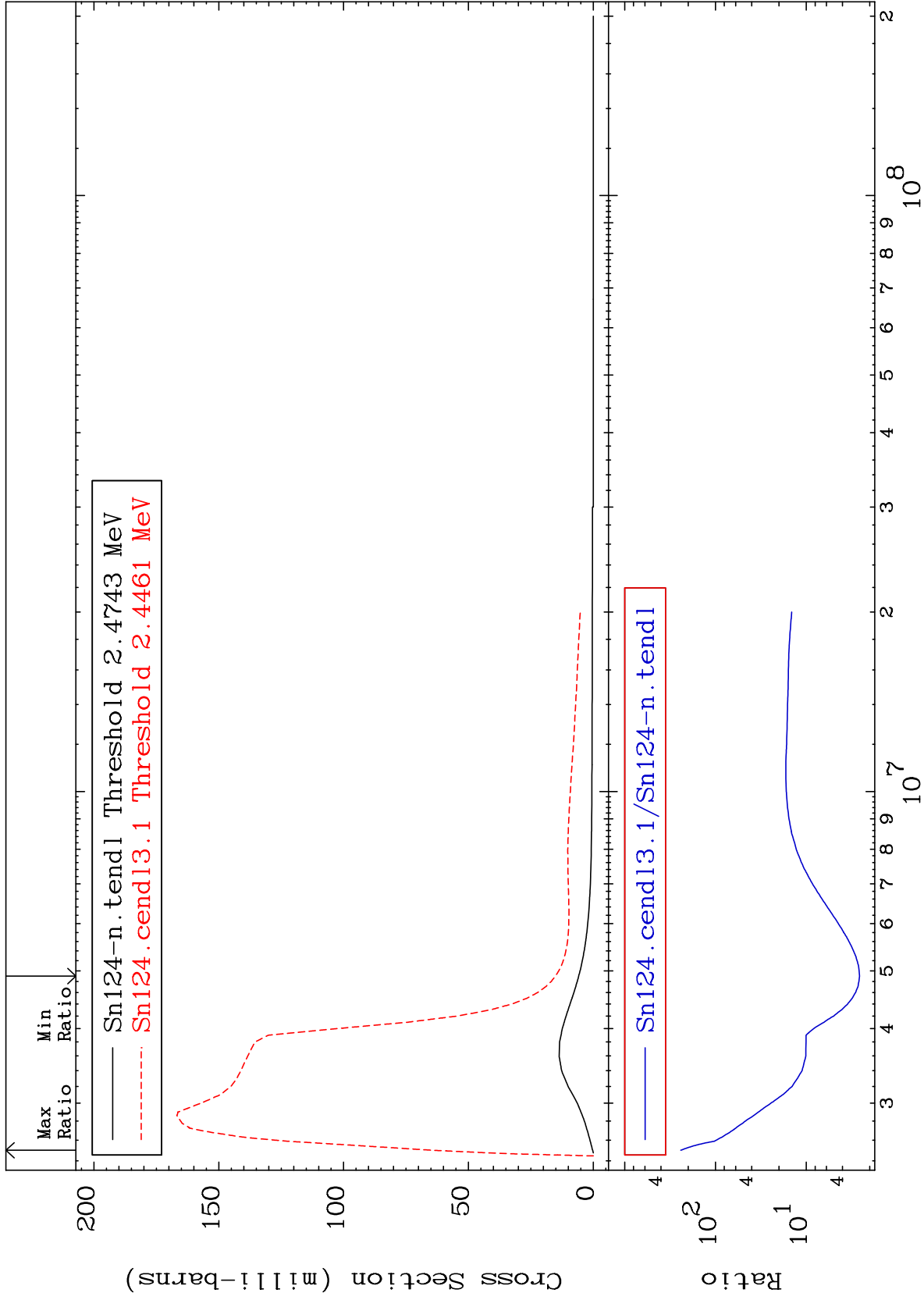
Incident Energy (eV)

50-Sn-124

MAT 5061

2.454 MeV (n,n') Level  
Cross Section

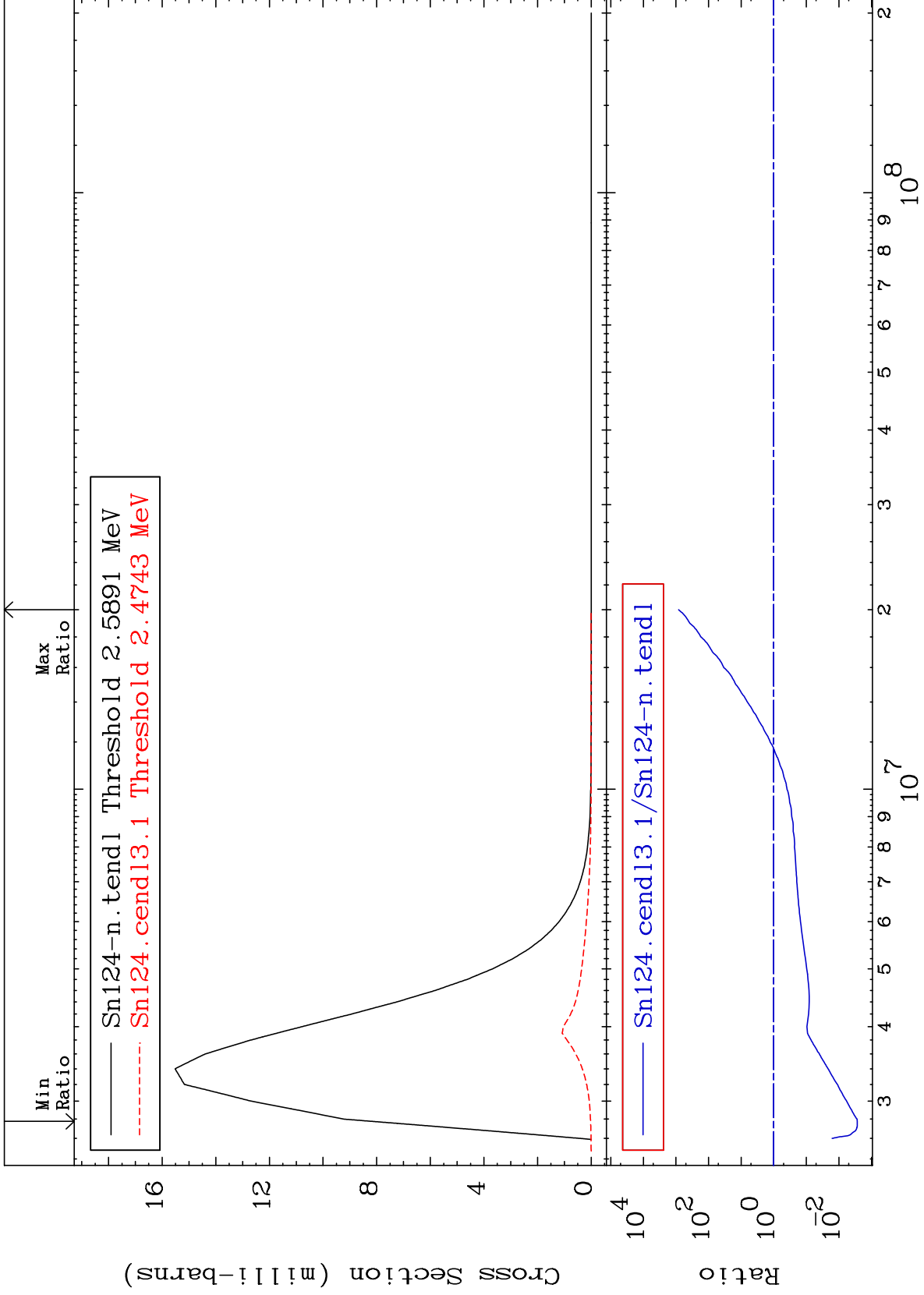
50-Sn-124  
159.2 To 9999. %



MAT 5061

2.568 MeV (n,n') Level  
Cross Section

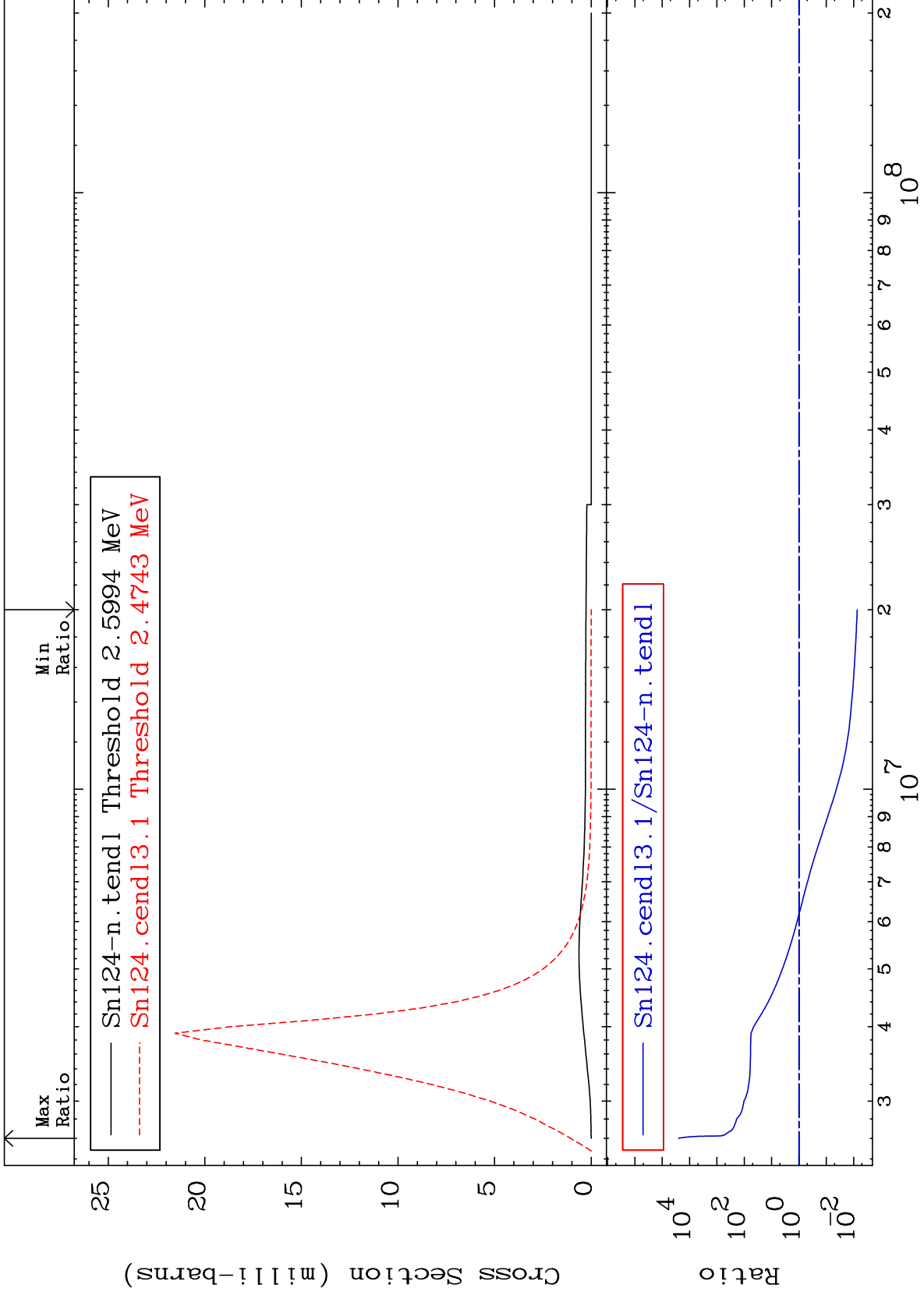
50-Sn-124  
-99.73 To 9999. %



MAT 5061

2.578 MeV (n,n') Level  
Cross Section

50-Sn-124  
-99.26 To 9999. %



20

Incident Energy (eV)

50-Sn-124

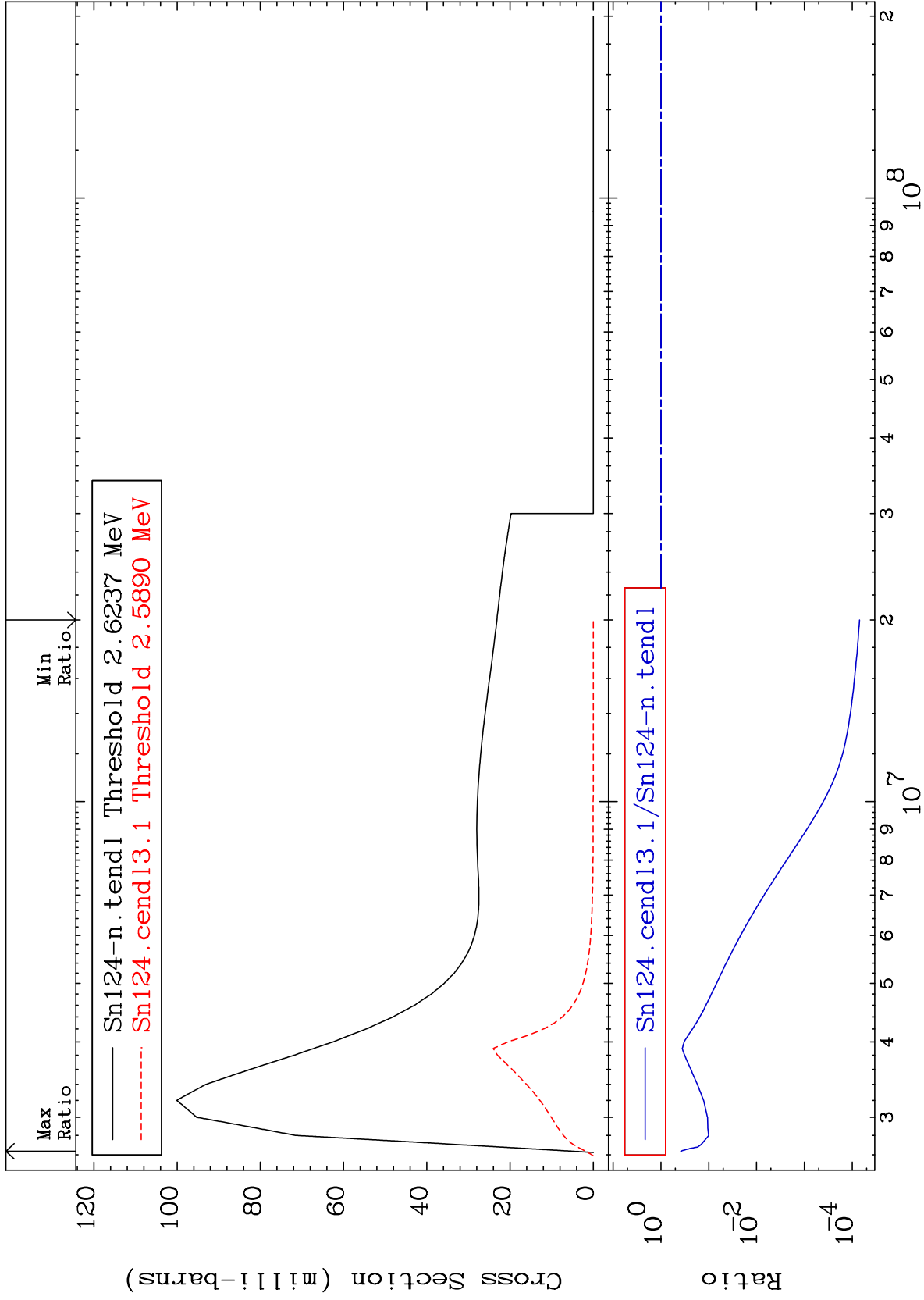
MAT 5061

2.602 MeV (n,n') Level

50-Sn-124

-99.99 To -61.56%

Cross Section



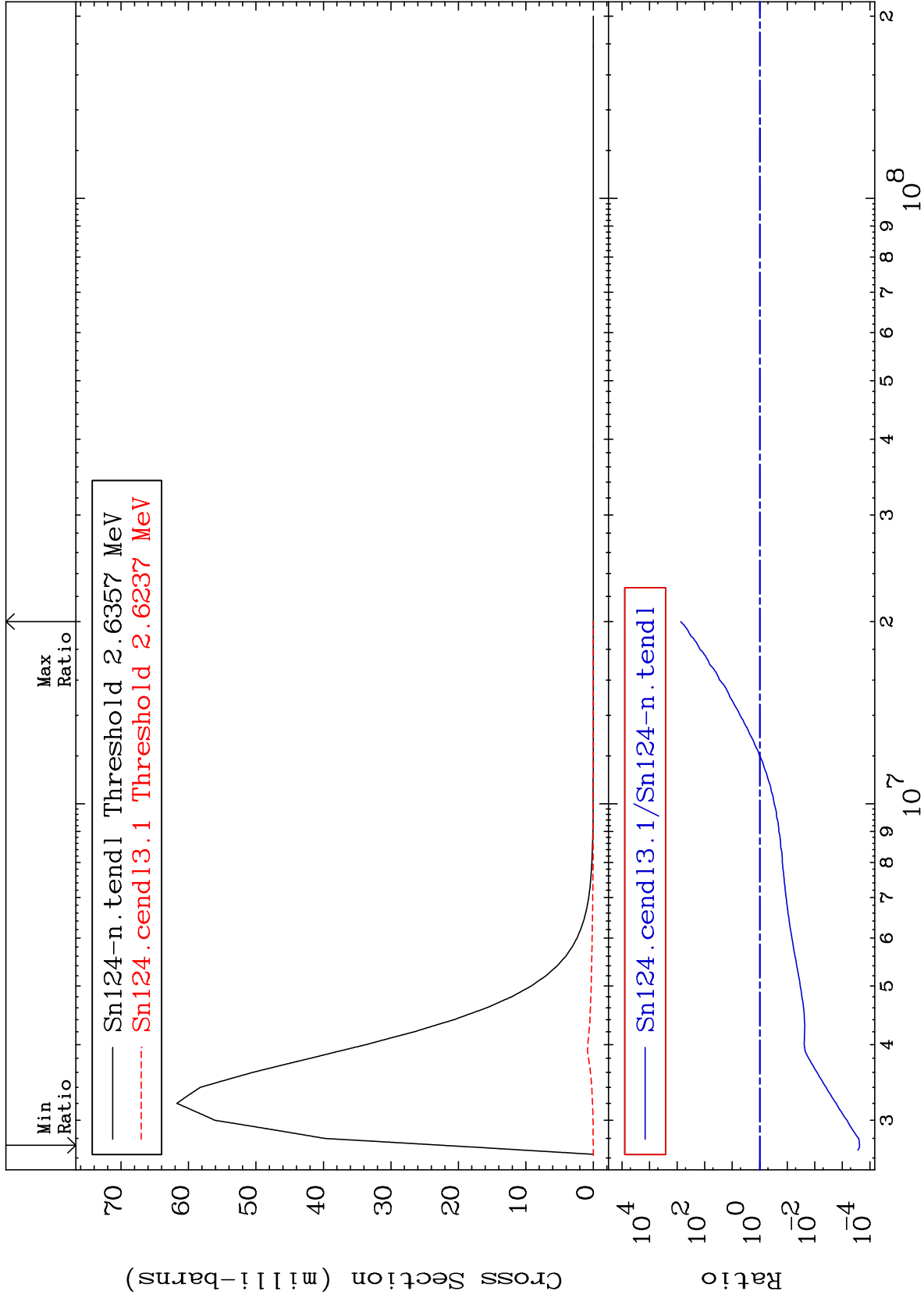
MAT 5061

2.614 MeV (n,n') Level

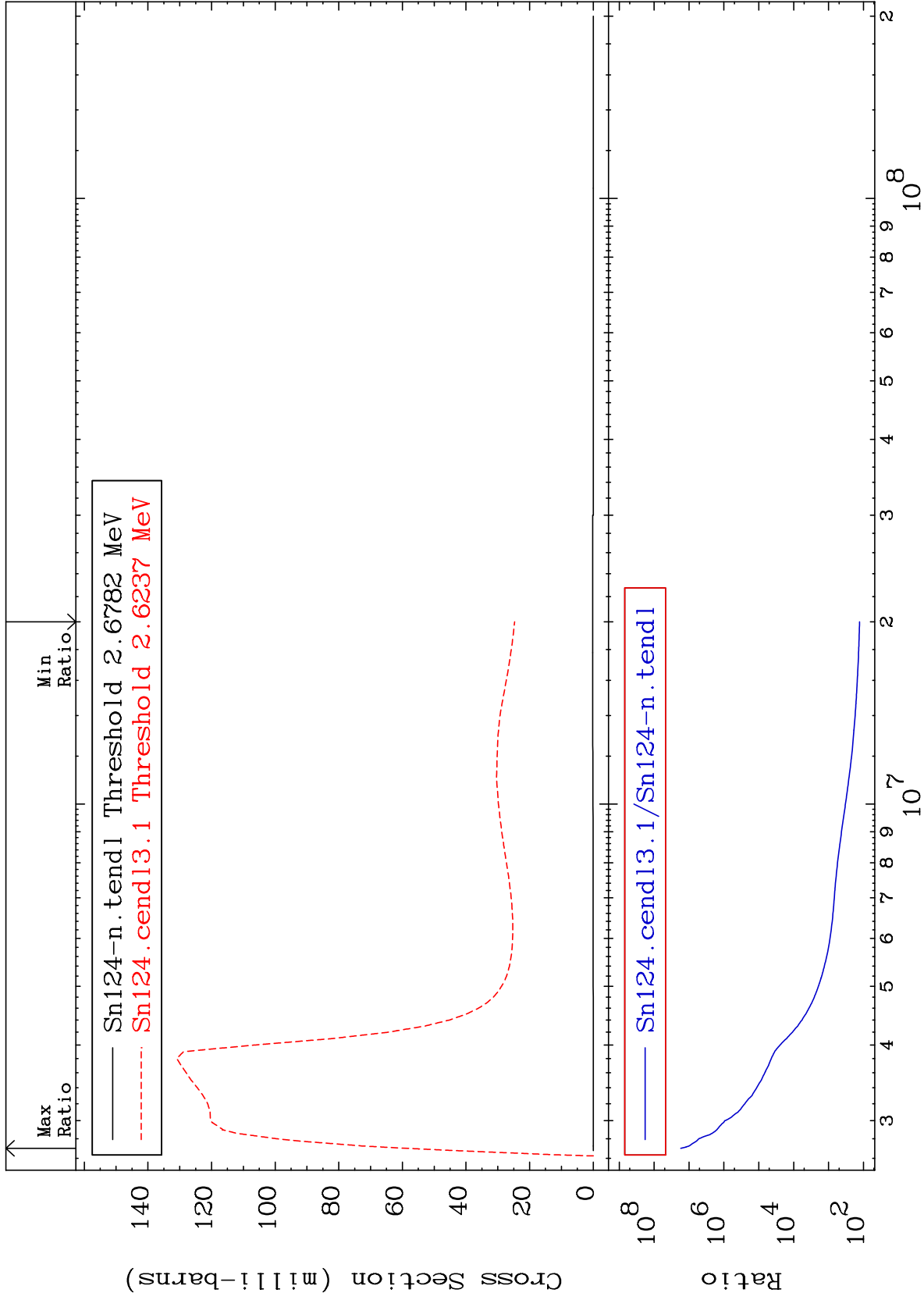
50-Sn-124

-99.98 To 9999. %

Cross Section



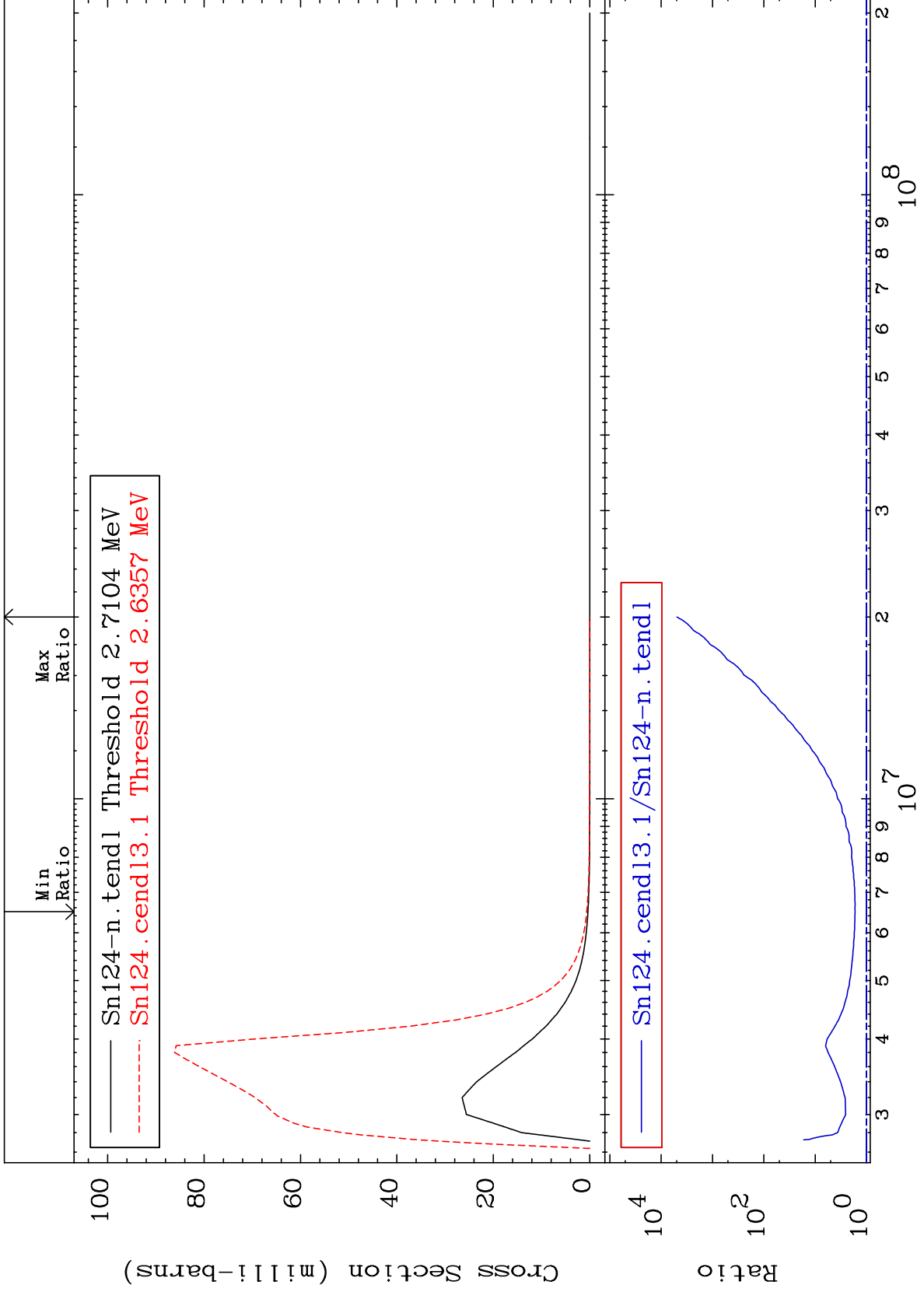
MAT 5061      2.657 MeV (n,n') Level Cross Section      50-Sn-124 To 9999. %



MAT 5061

2.689 MeV (n,n') Level  
Cross Section

50-Sn-124  
67.00 To 9999. %



24

Incident Energy (eV)

50-Sn-124

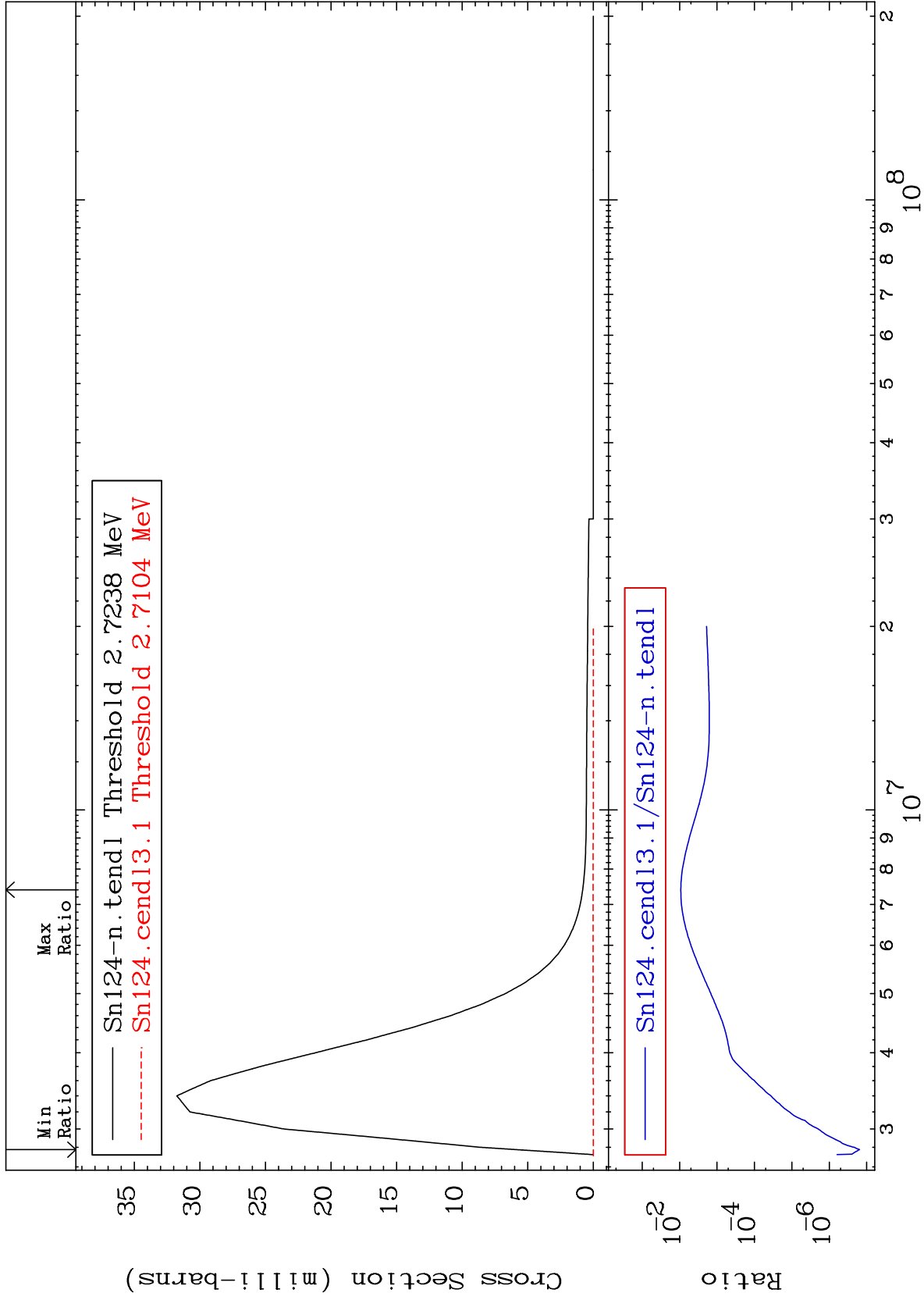


MAT 5061

2.702 MeV (n,n') Level

50-Sn-124

-100.0 To -99.07%



25

Incident Energy (eV)

50-Sn-124

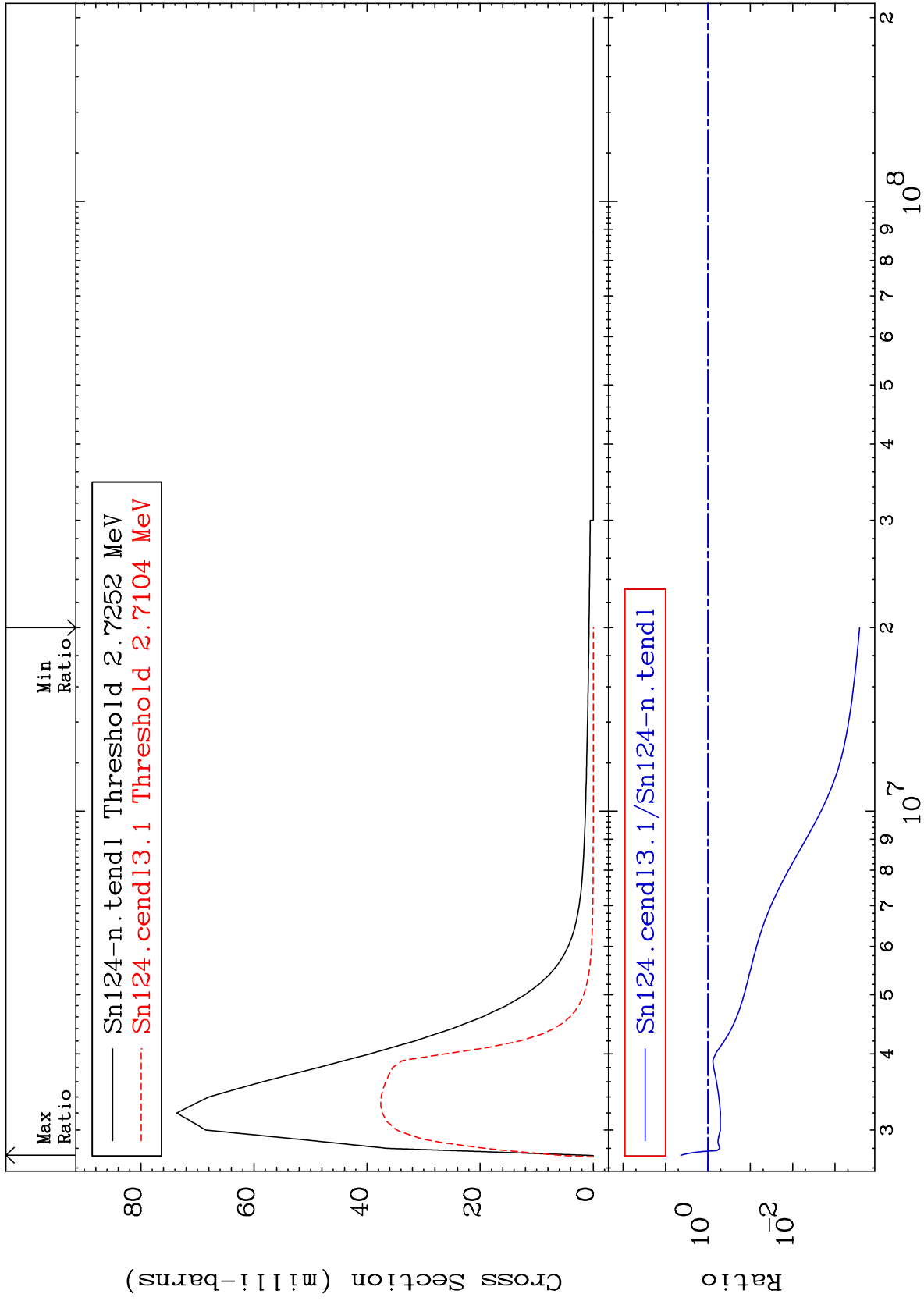
MAT 5061

2.703 MeV (n,n') Level

50-Sn-124

-99.97 To 336.7 %

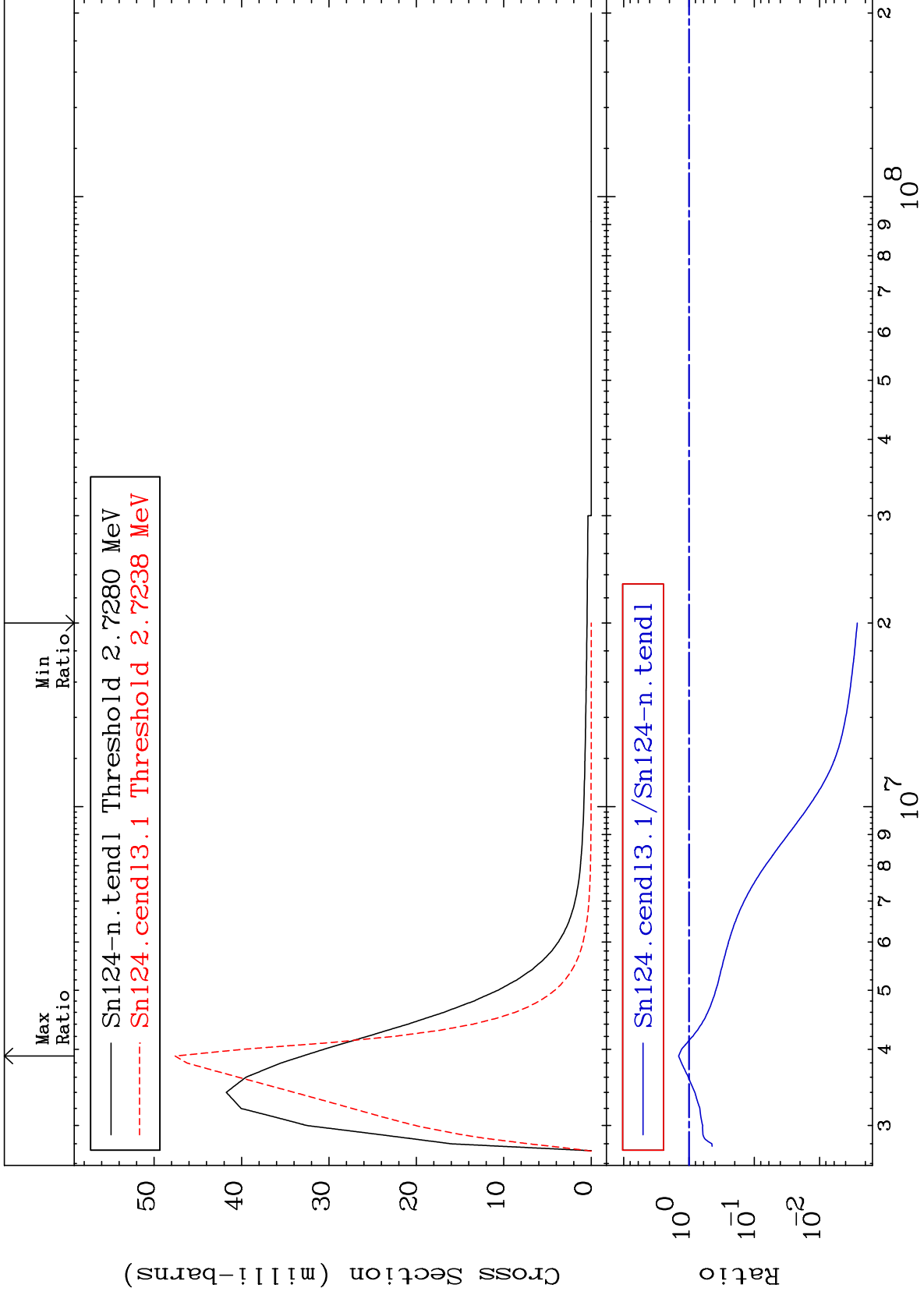
Cross Section



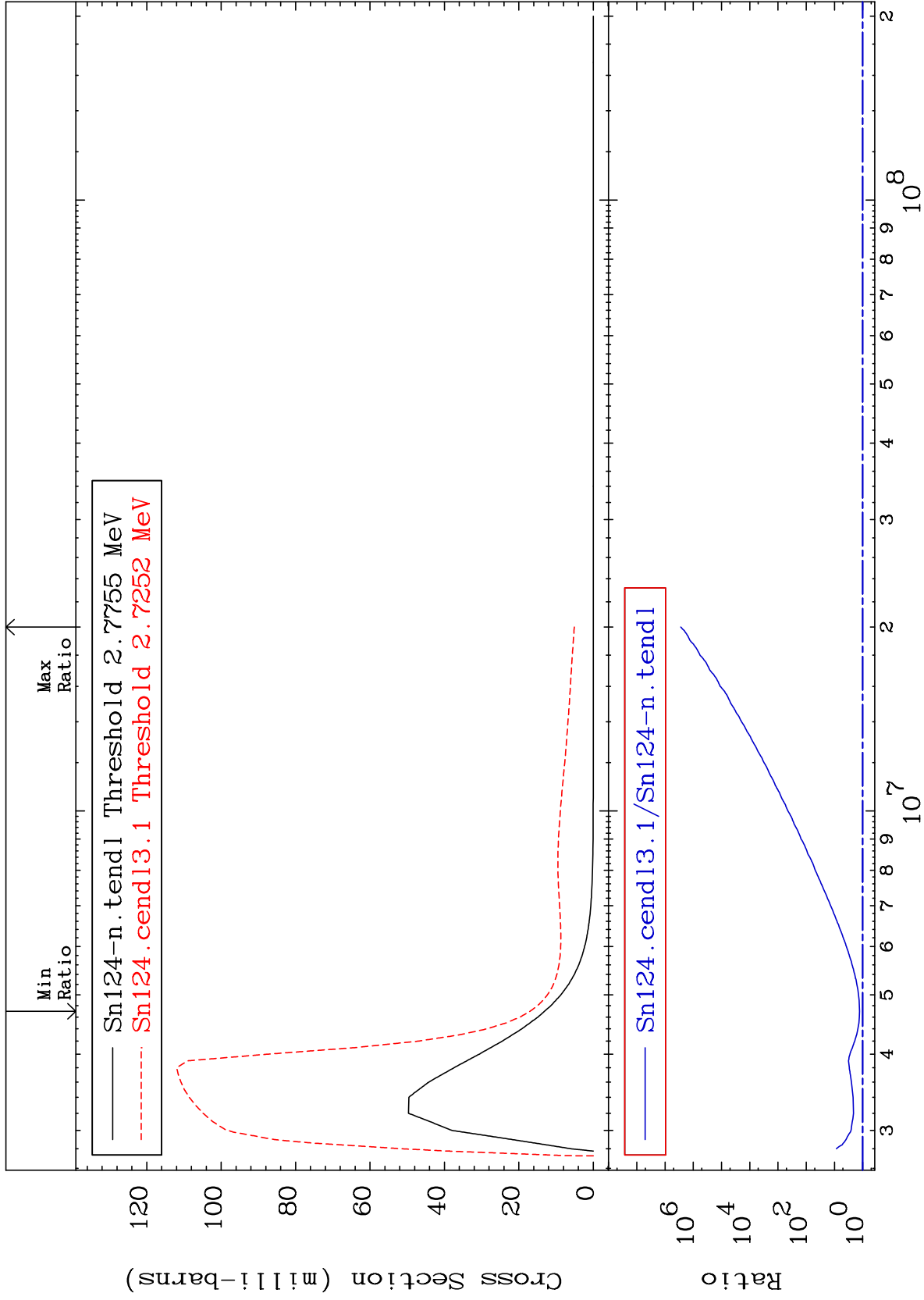
MAT 5061

2.706 MeV (n,n') Level  
Cross Section

50-Sn-124  
-99.73 To 44.19 %



MAT 5061      2.753 MeV (n,n') Level      50-Sn-124  
 Cross Section      29.56      To 9999. %



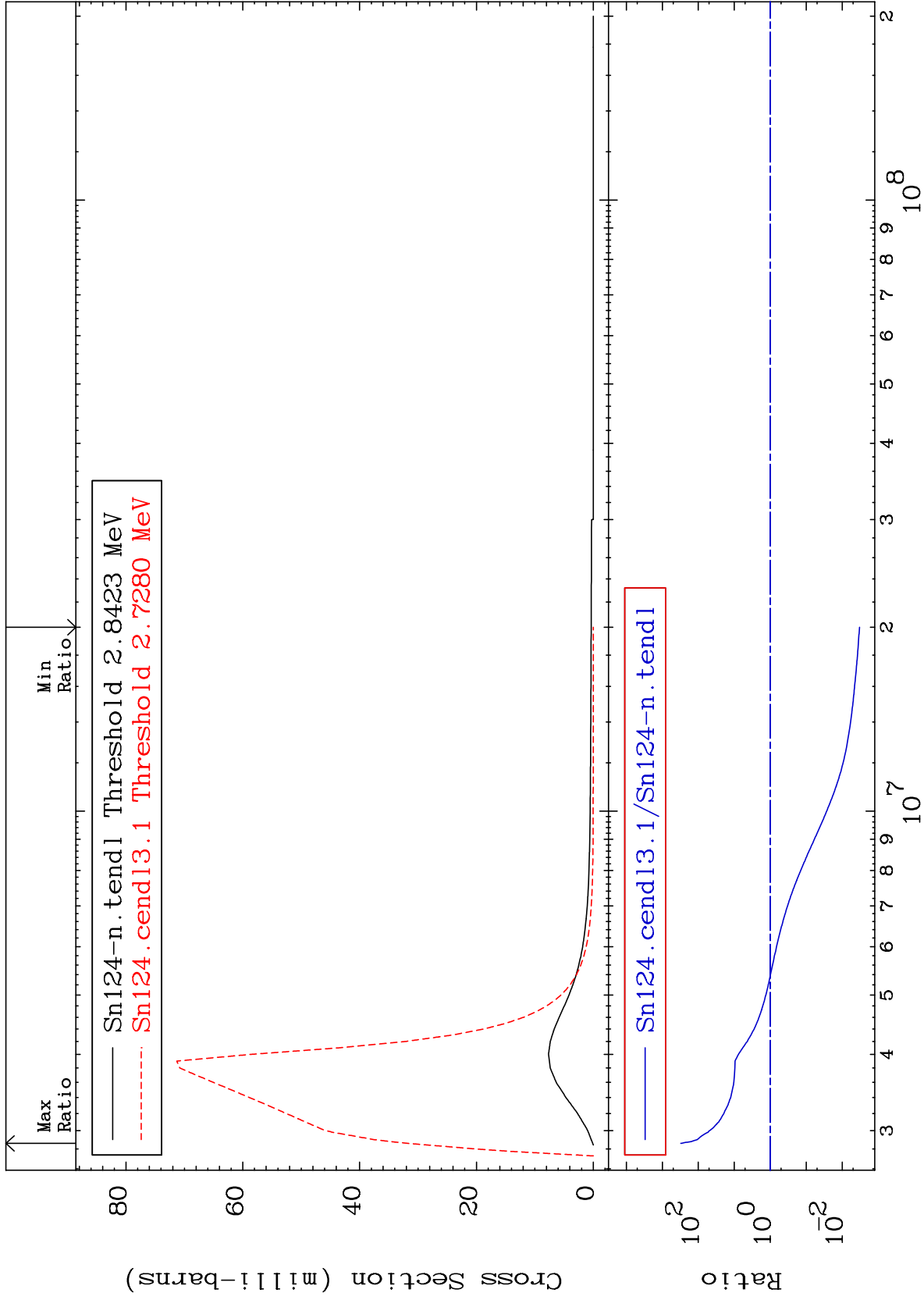
MAT 5061

2.819 MeV (n,n') Level

50-Sn-124

-99.67 To 9999. %

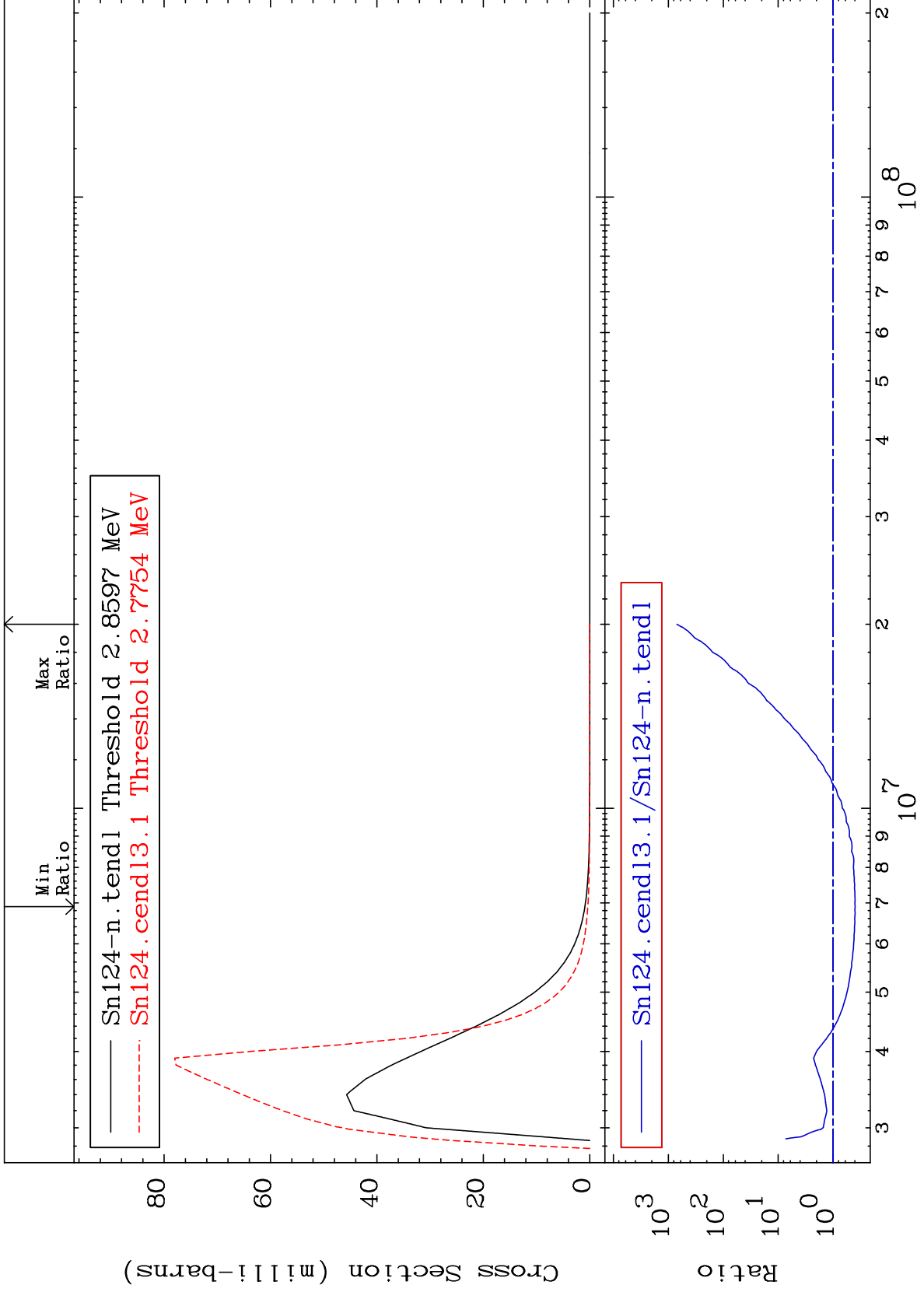
Cross Section



MAT 5061

2.837 MeV (n,n') Level  
Cross Section

50-Sn-124  
-60.22 To 9999. %

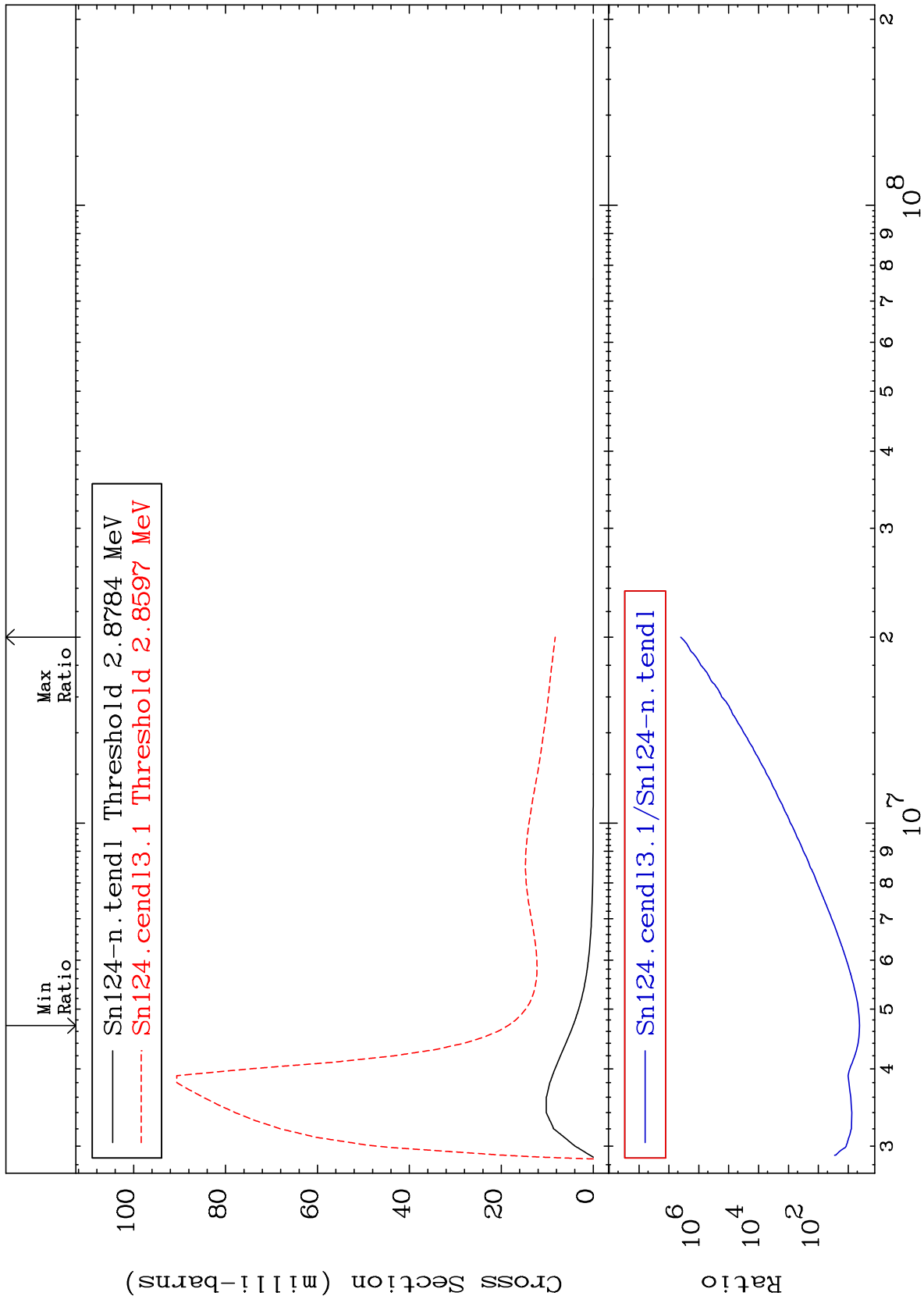


30

Incident Energy (eV)

50-Sn-124

MAT 5061      2.855 MeV (n,n') Level      50-Sn-124  
 Cross Section      321.3 To 9999. %



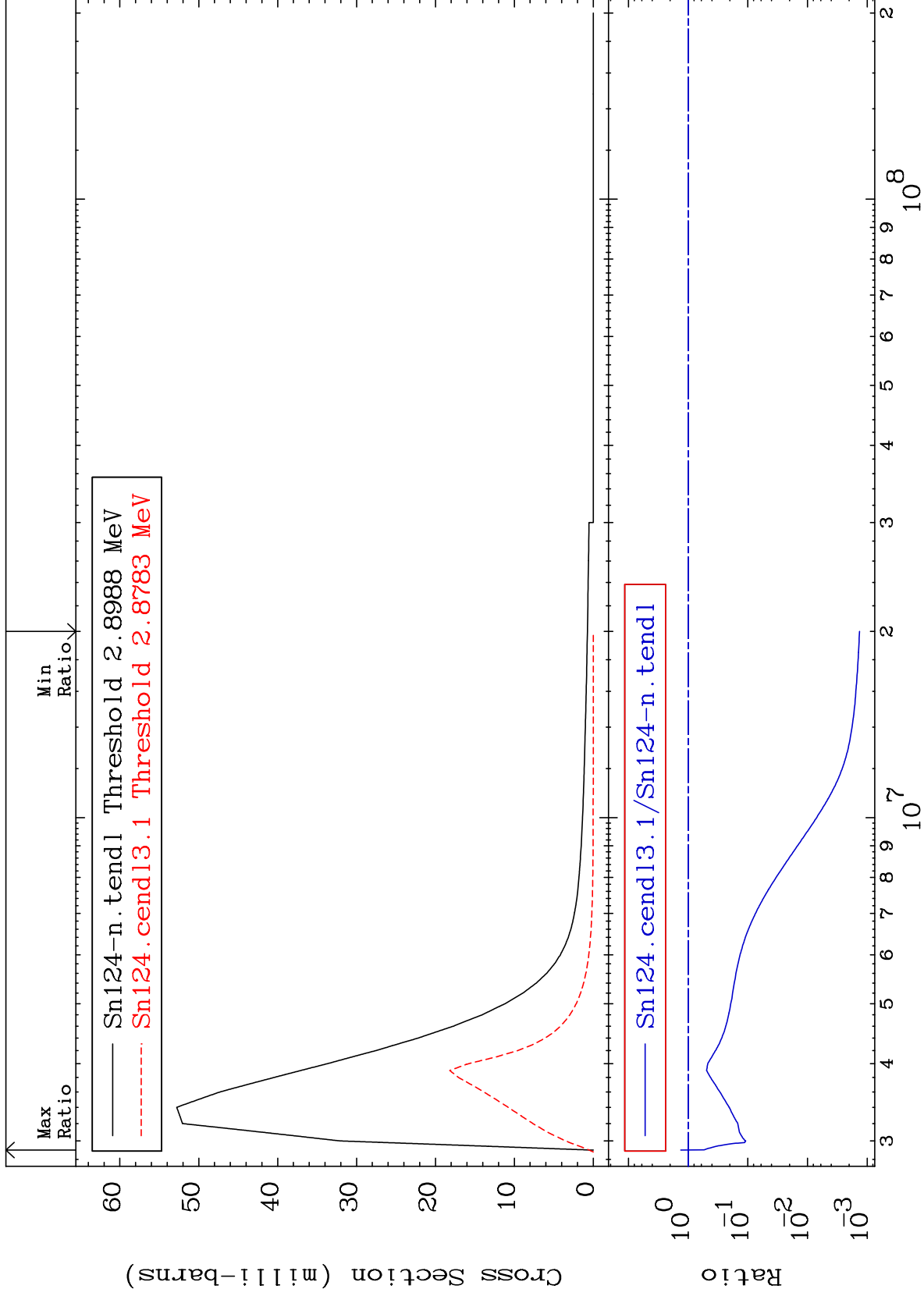
MAT 5061

2.875 MeV (n,n') Level

50-Sn-124

-99.87 To 33.03 %

Cross Section





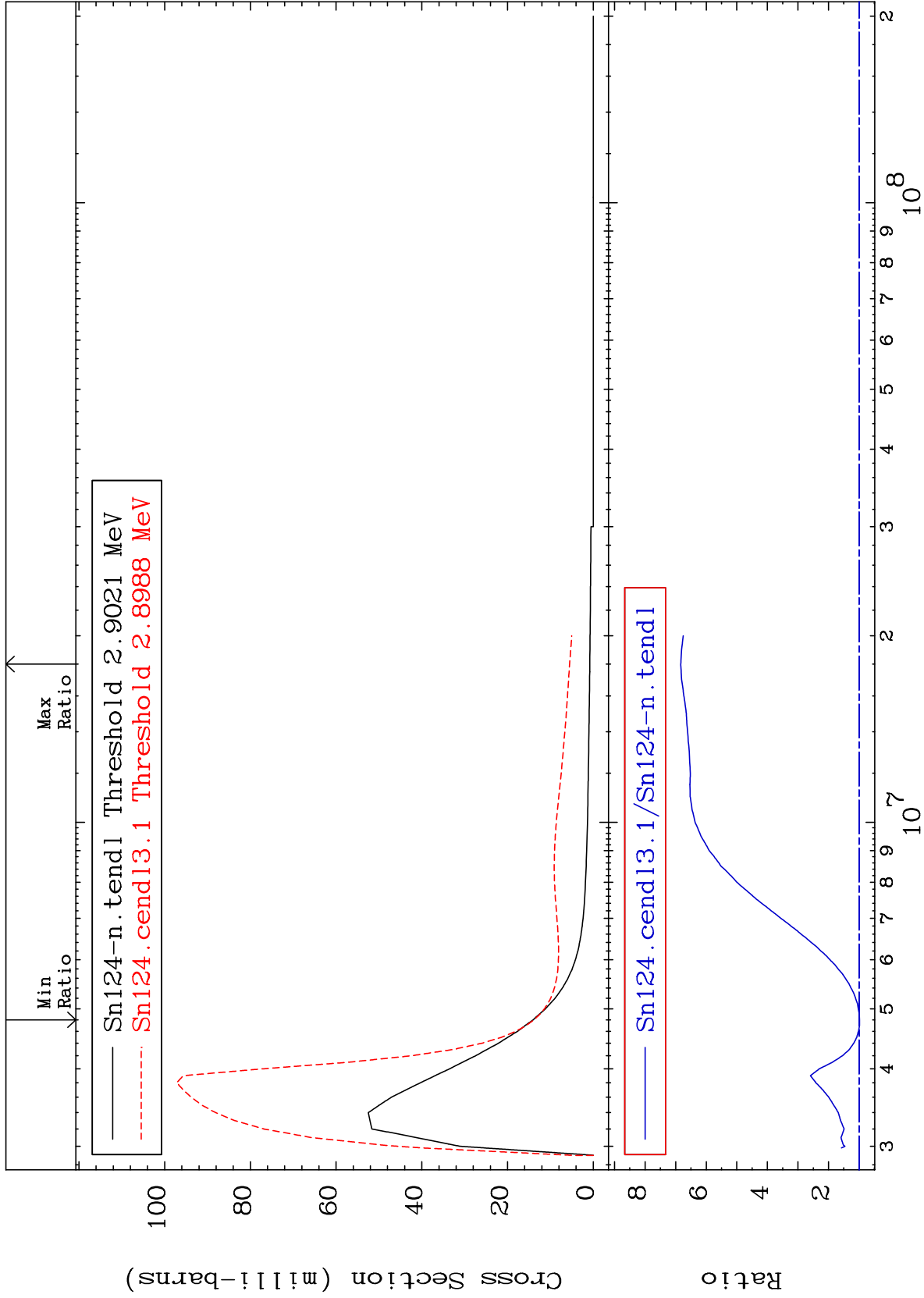
MAT 5061

2.879 MeV (n,n') Level

50-Sn-124

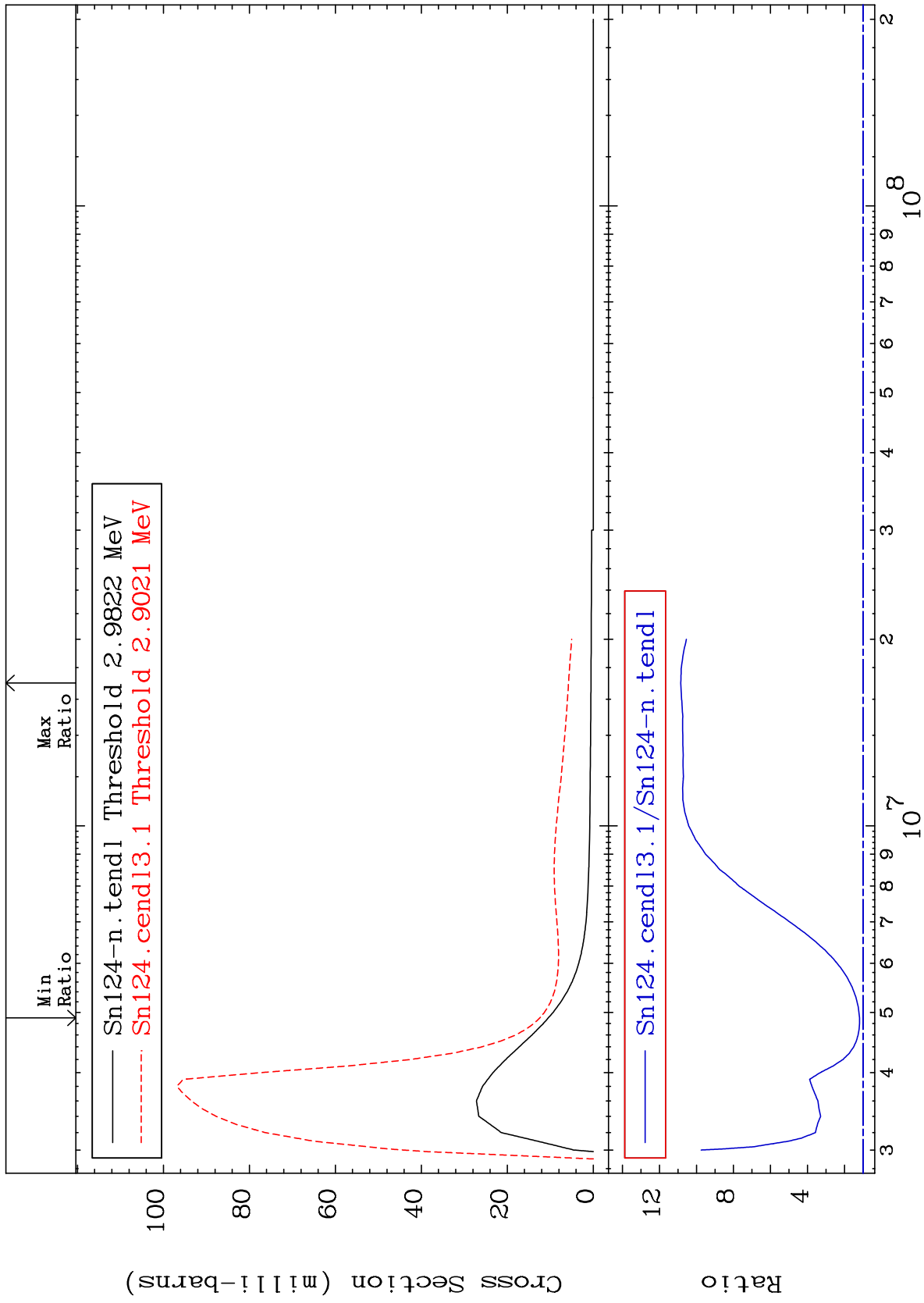
-1.525 To 583.3 %

Cross Section



33

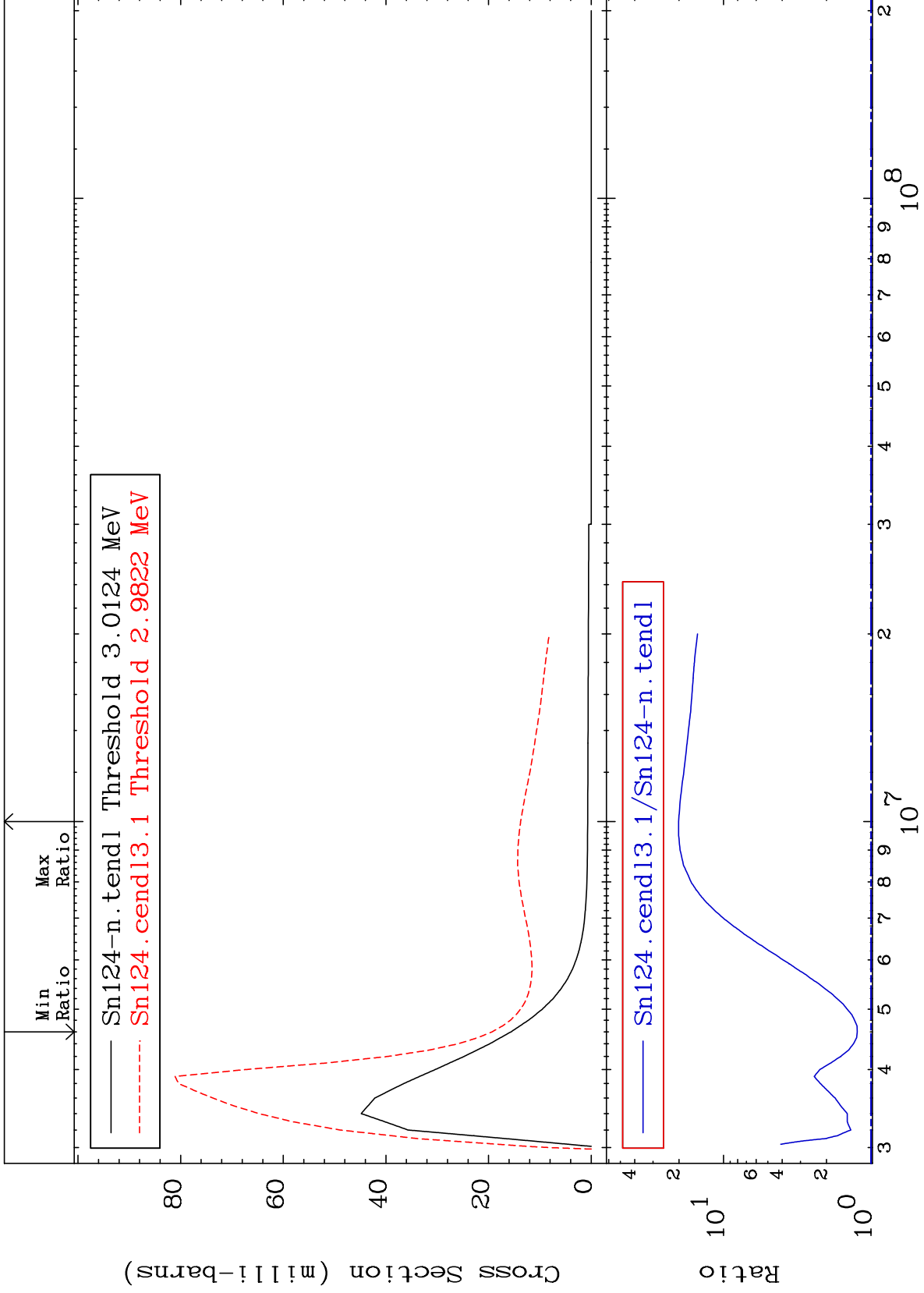
MAT 5061      2.958 MeV (n,n') Level Cross Section      50-Sn-124  
 18.70 To 984.8 %



MAT 5061

2.988 MeV (n,n') Level  
Cross Section

50-Sn-124  
To 1913. %



35

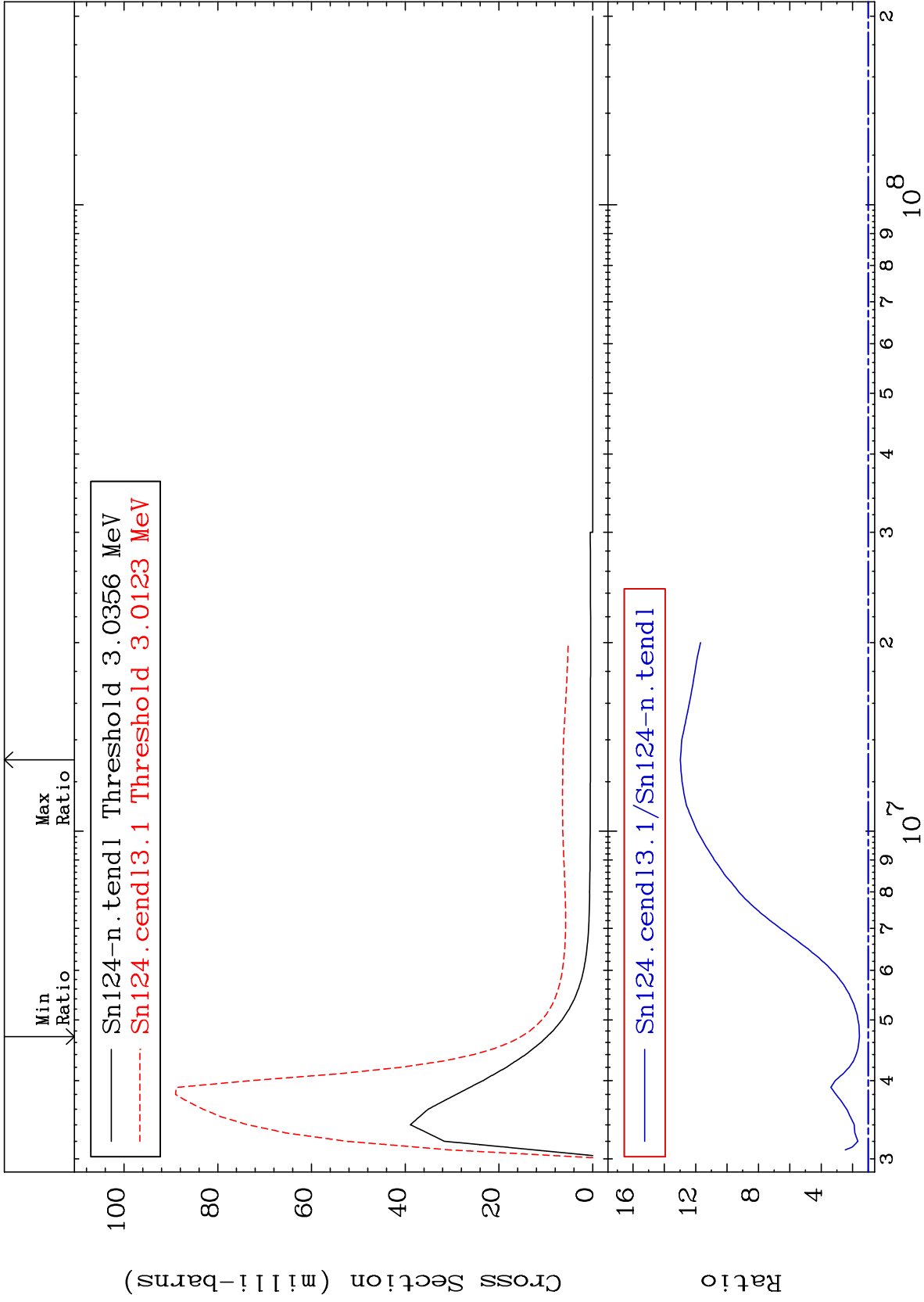
Incident Energy (eV)

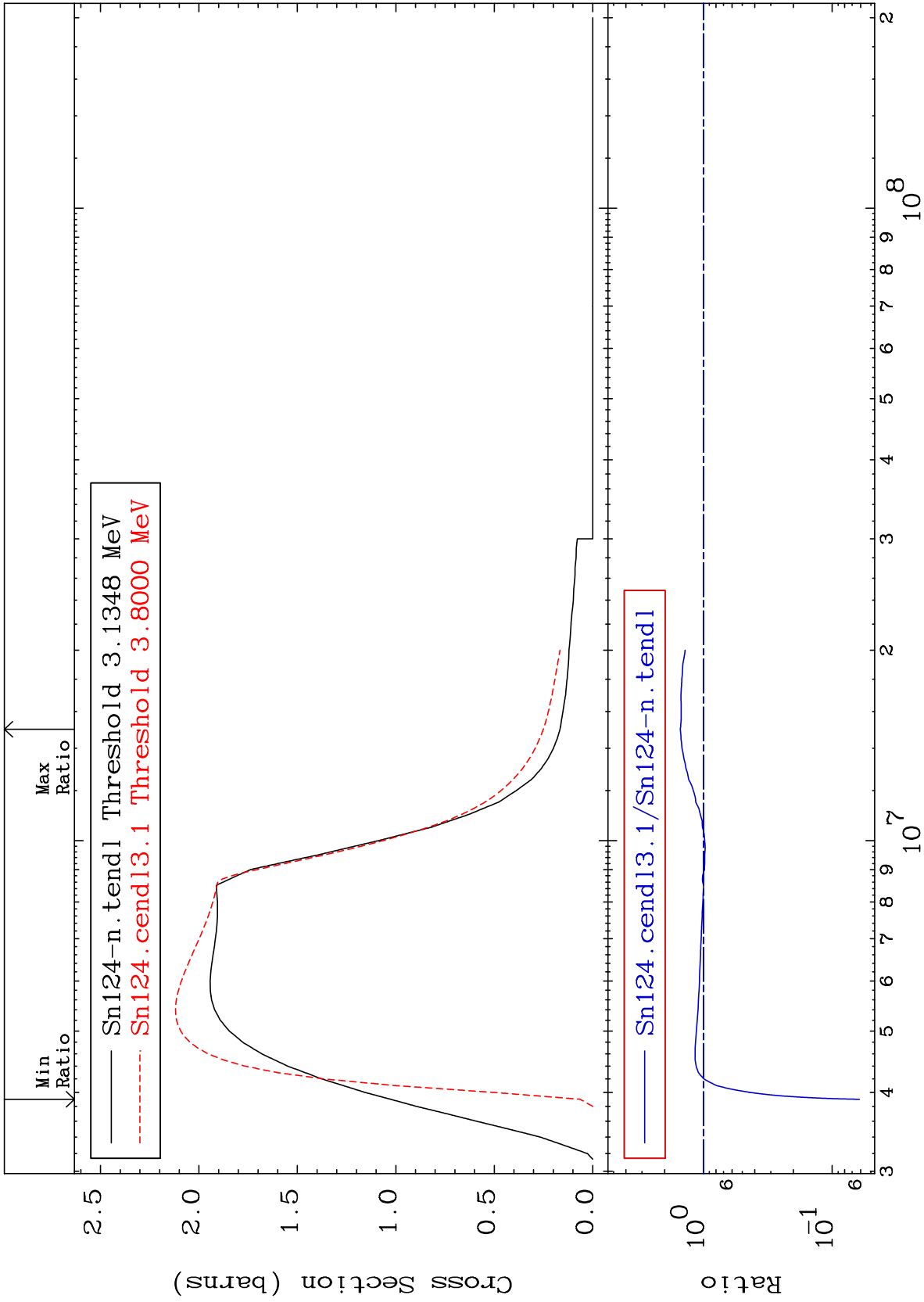
50-Sn-124

MAT 5061

3.011 MeV (n,n') Level  
Cross Section

56.26 To 1198. %  
50-Sn-124

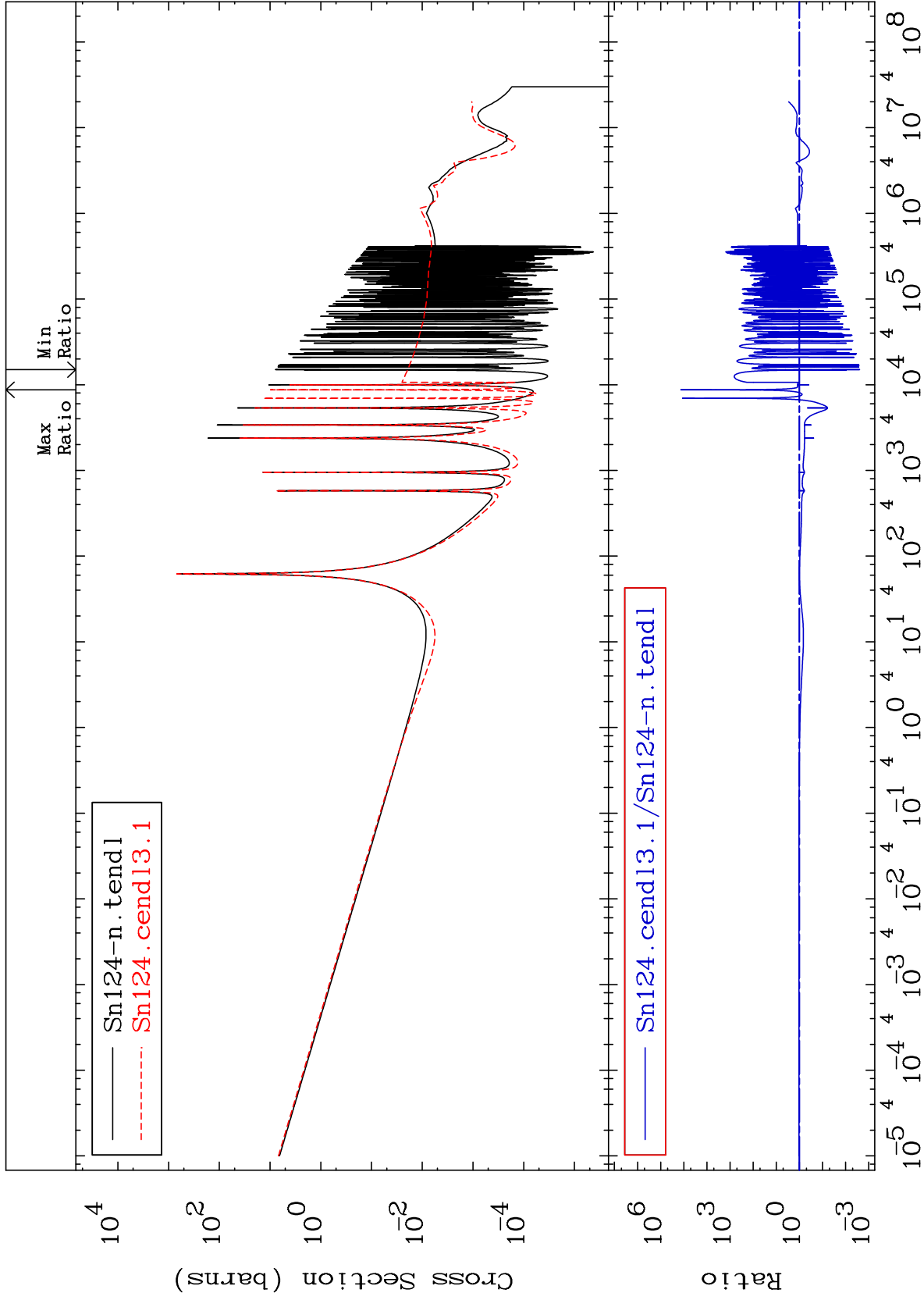




MAT 5061

(n,  $\gamma$ )  
Cross Section

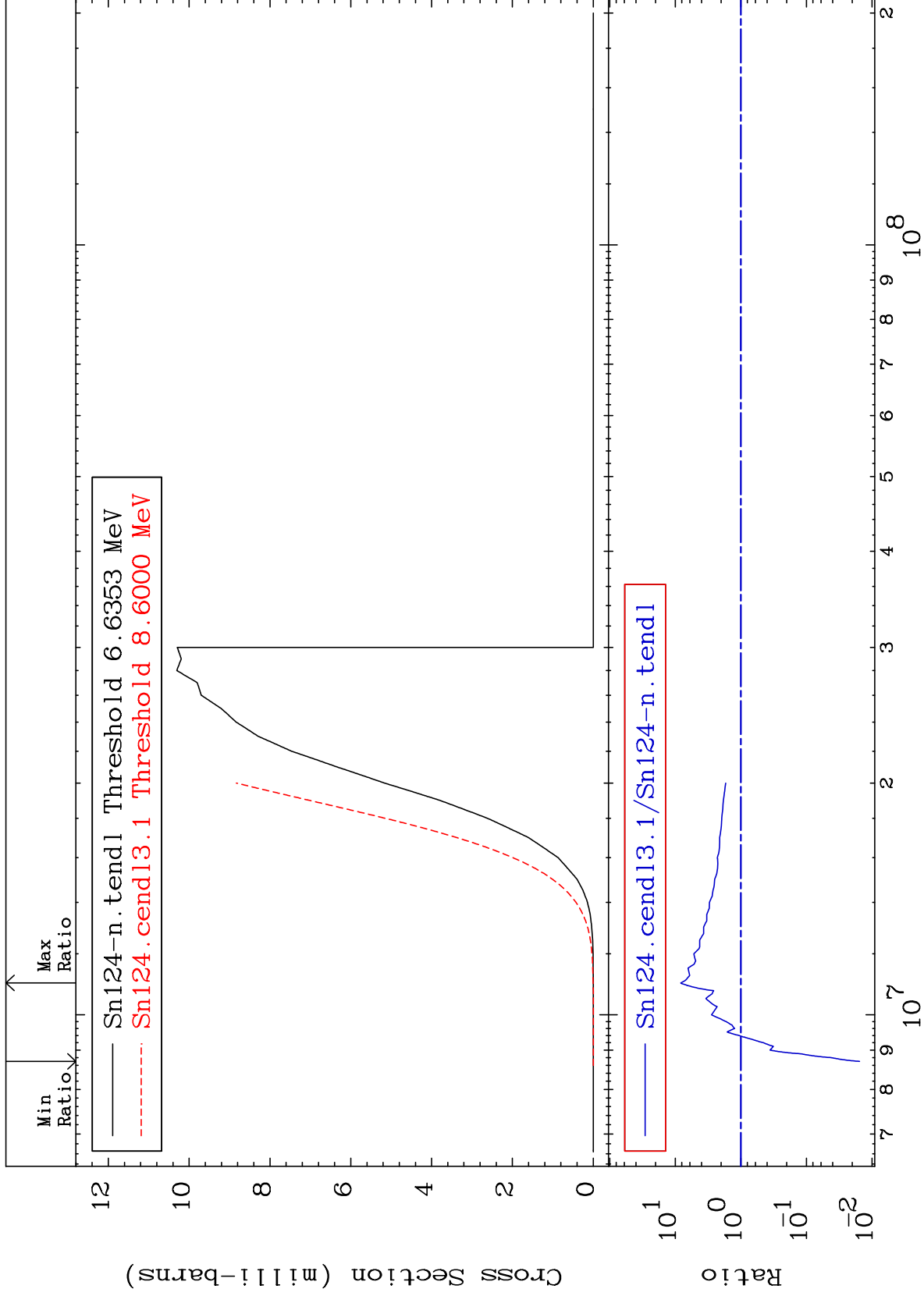
50-Sn-124  
-99.75 To 9999. %



MAT 5061

(n,p)  
Cross Section

50-Sn-124  
-98.45 To 726.6 %



39

Incident Energy (eV)

50-Sn-124

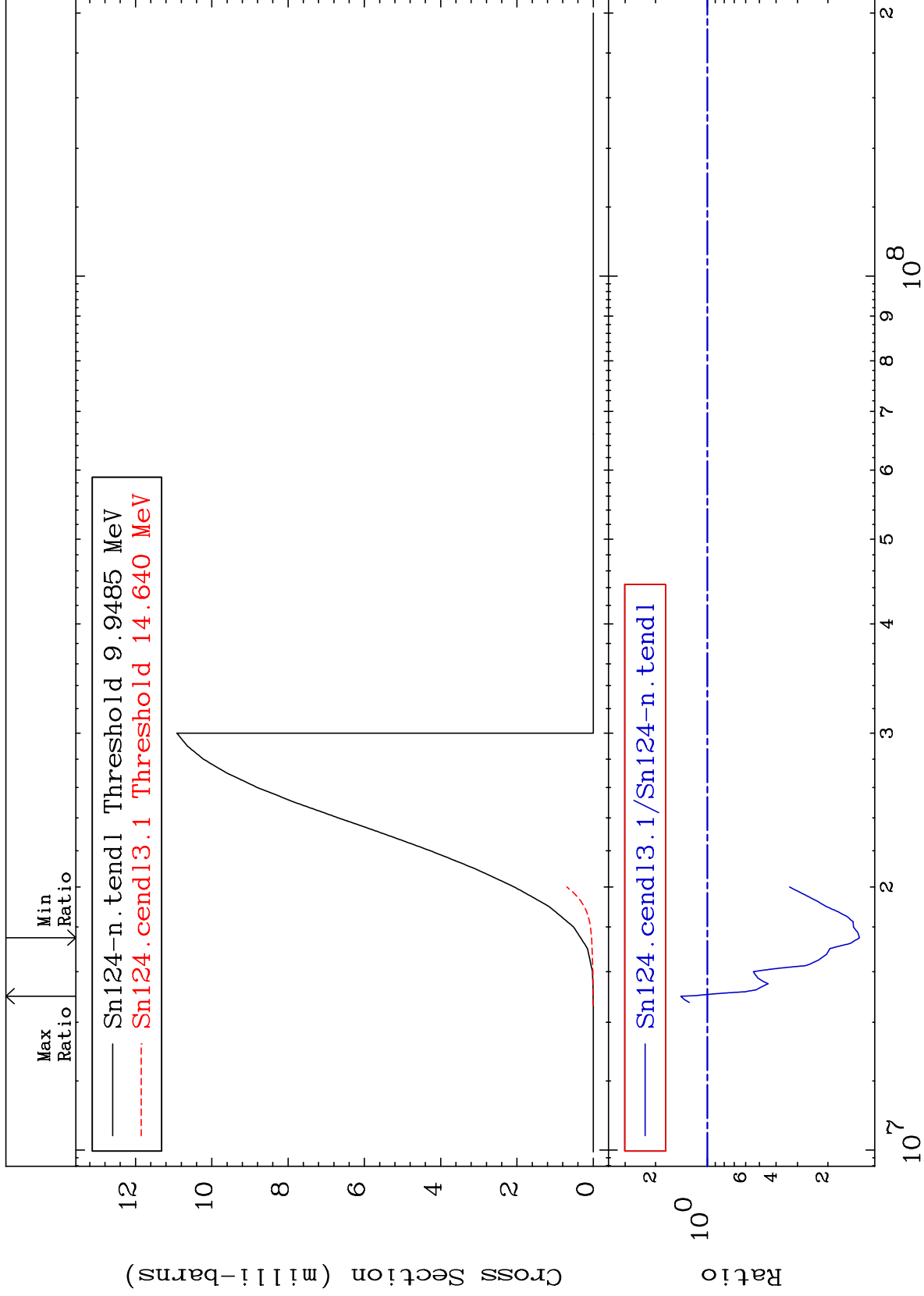
MAT 5061

(n, d)

50-Sn-124

Cross Section

-86.90 To 42.80 %



50-Sn-124

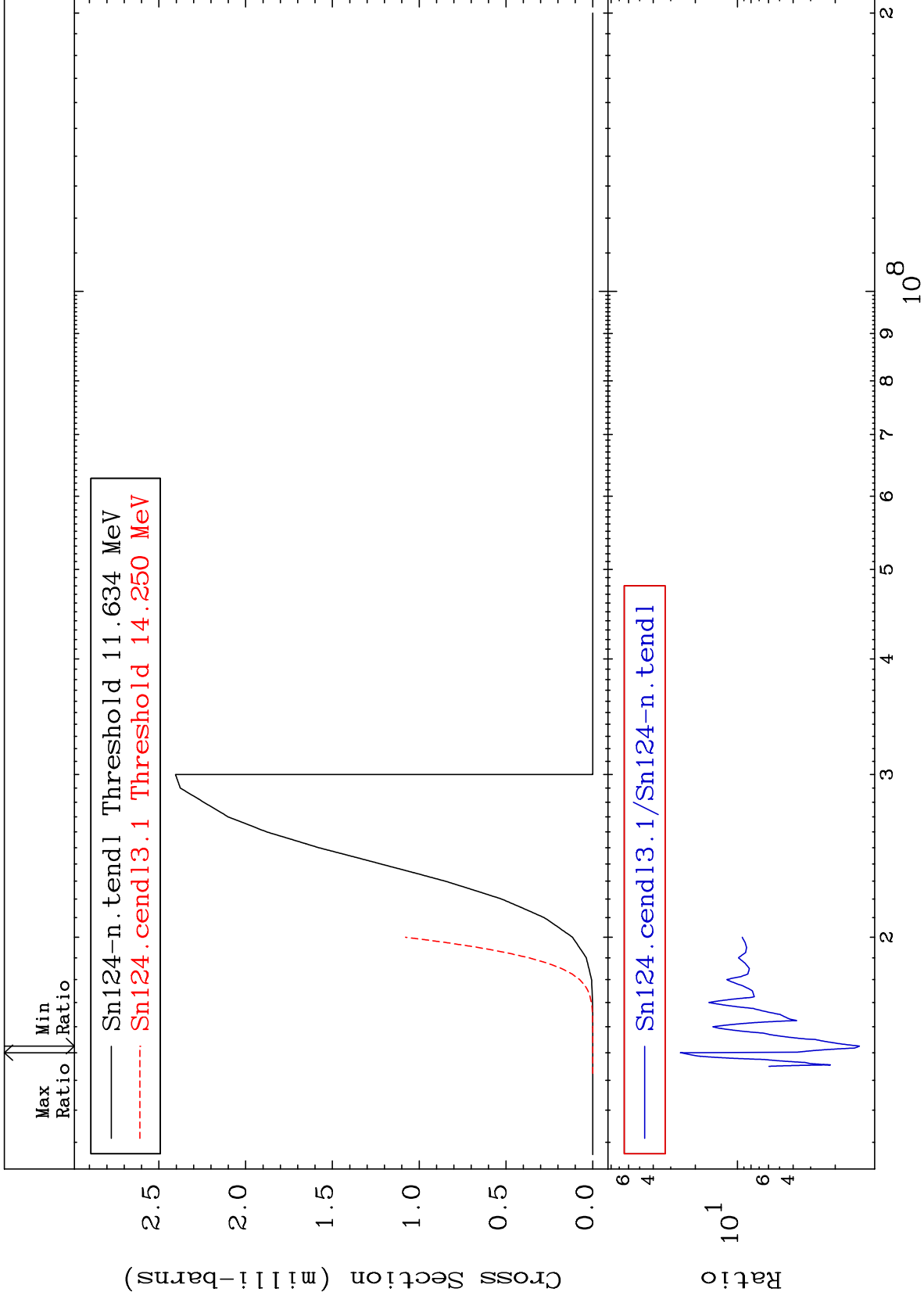
50-Sn-124



MAT 5061

(n, t)  
Cross Section

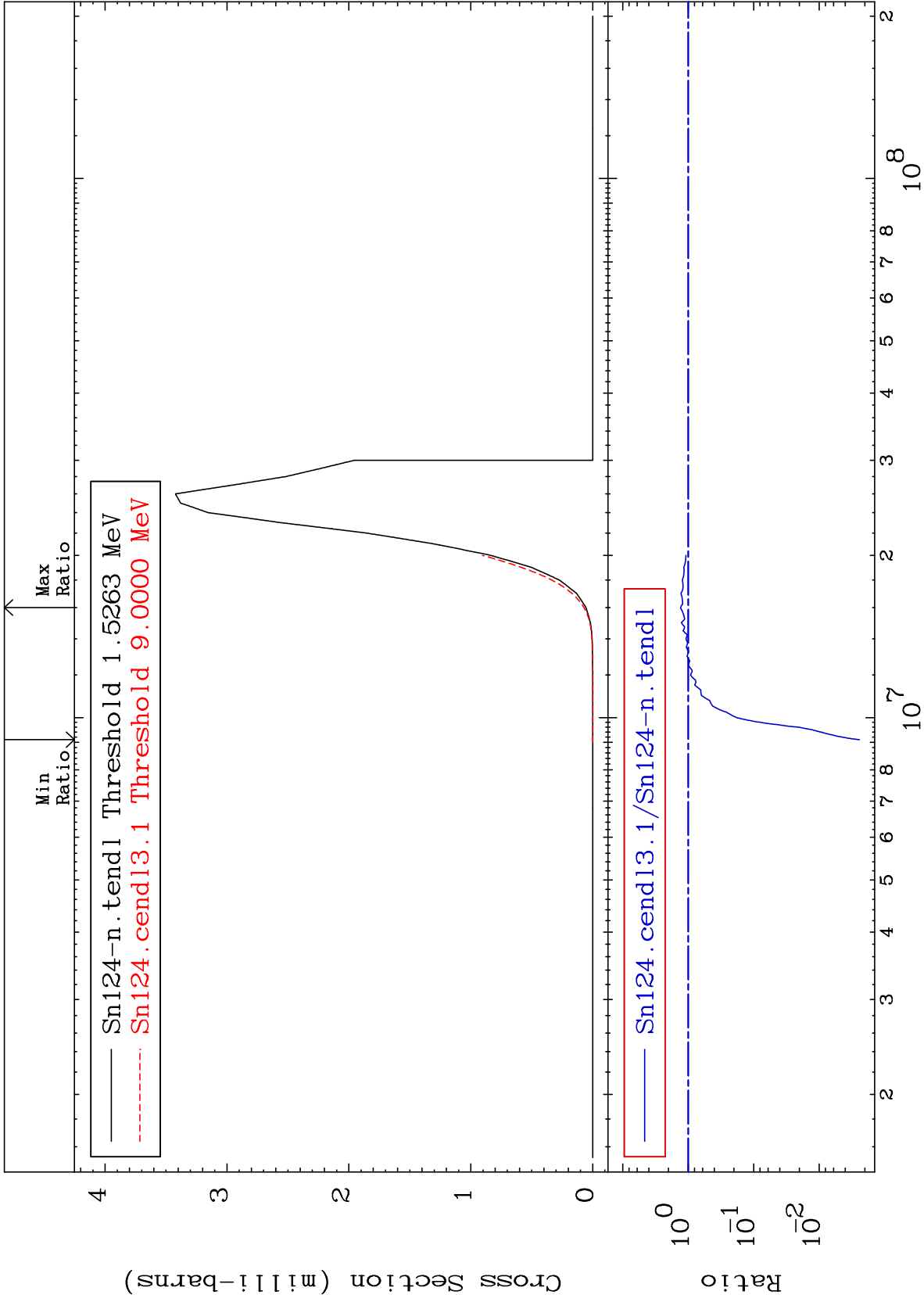
50-Sn-124  
34.37 To 2461. %



MAT 5061

(n,  $\alpha$ )  
Cross Section

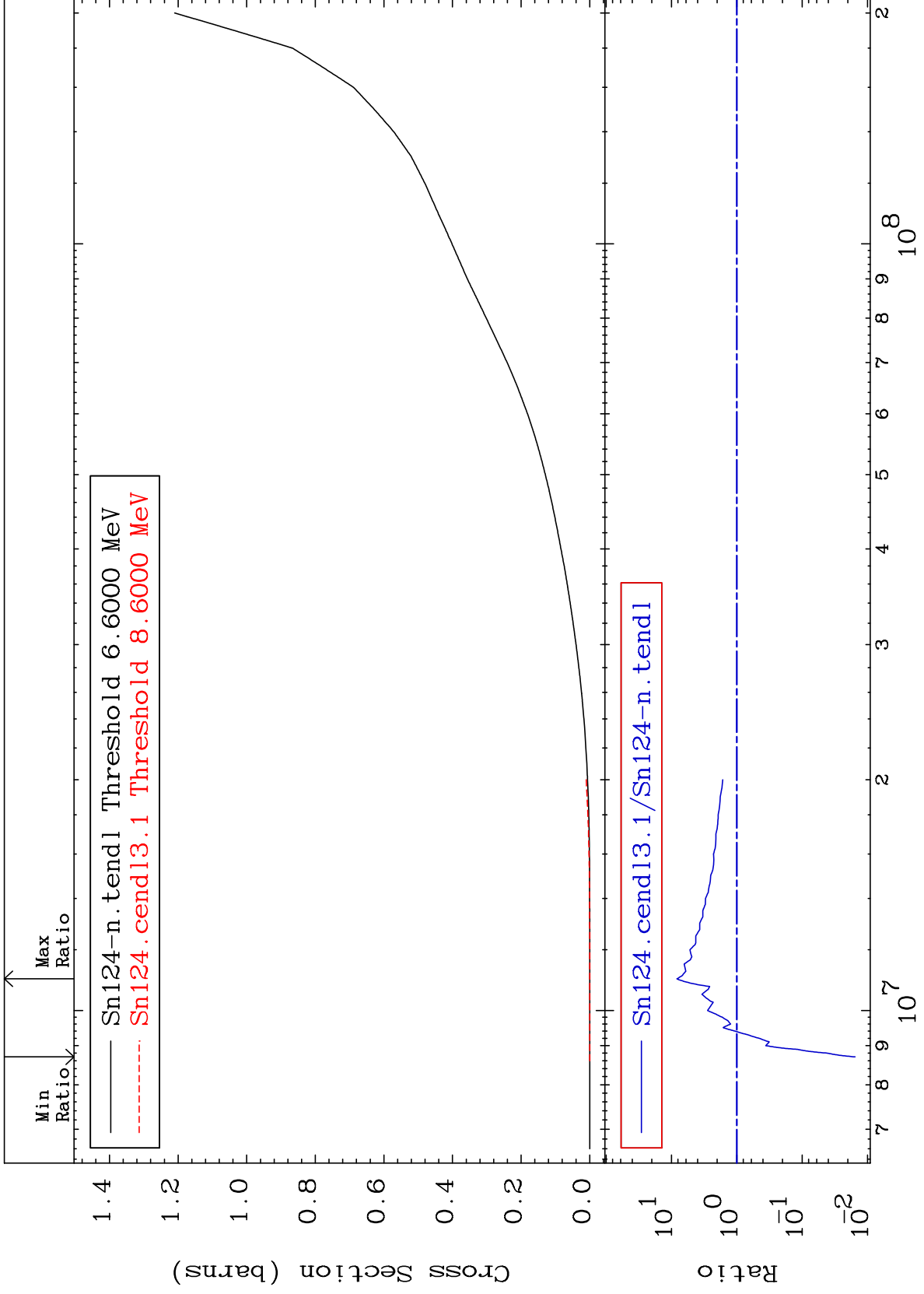
50-Sn-124  
-99.76 To 31.69 %



MAT 5061

Hydrogen Production  
Cross Section

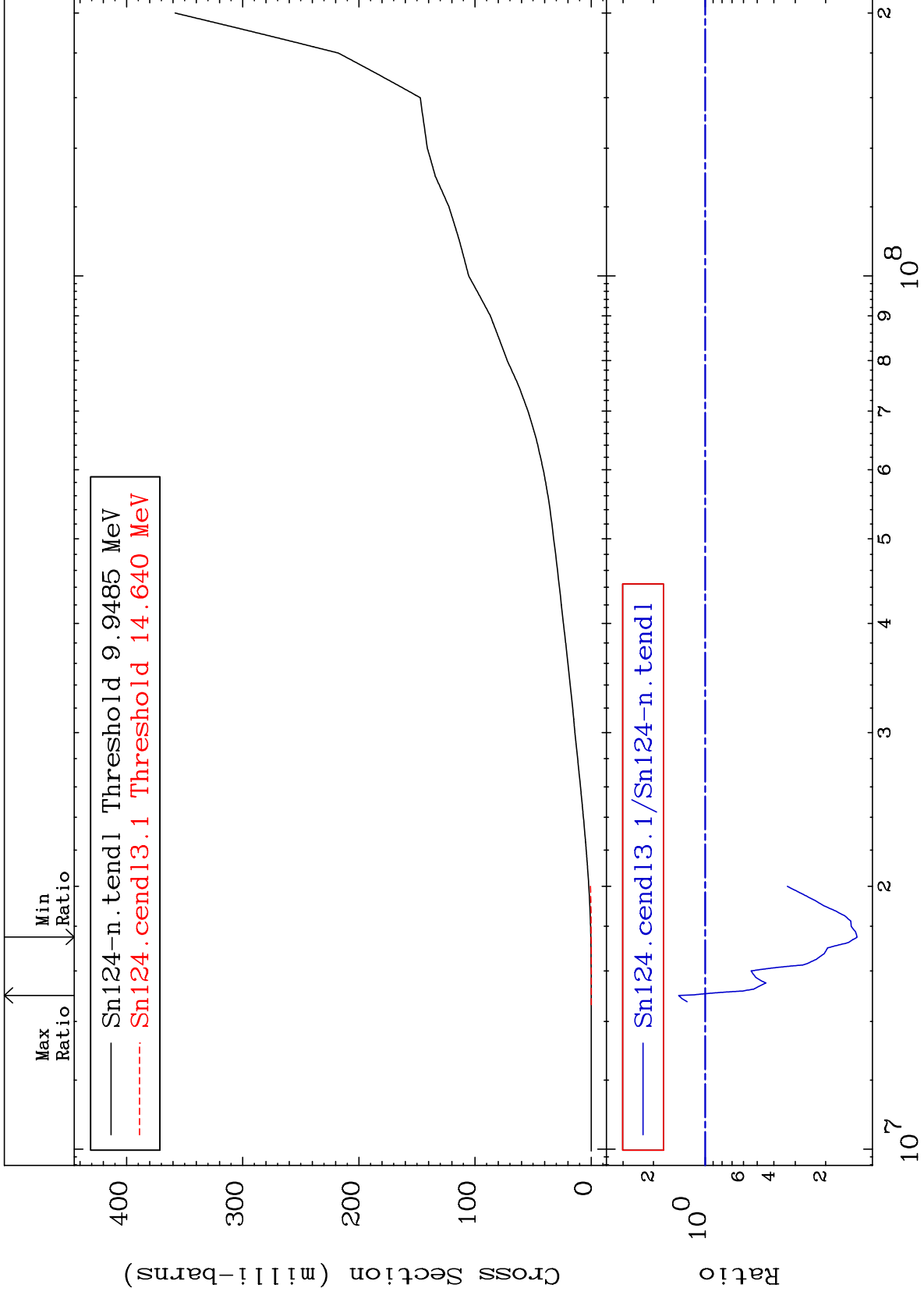
50-Sn-124  
-98.45 To 726.6 %



MAT 5061

Deuterium Production  
Cross Section

50-Sn-124  
-86.90 To 42.80 %



44

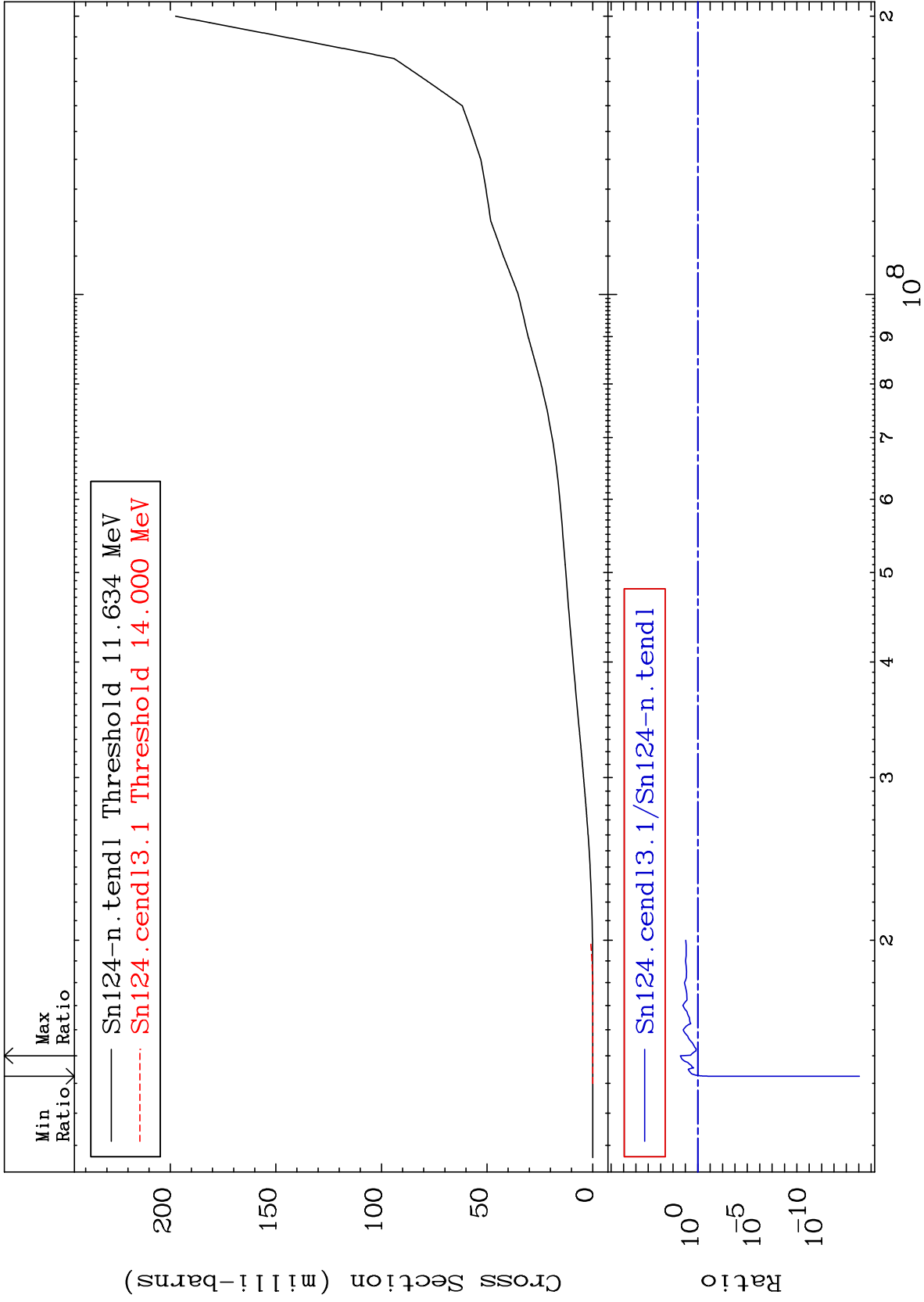
Incident Energy (eV)

50-Sn-124

MAT 5061

Tritium Production  
Cross Section

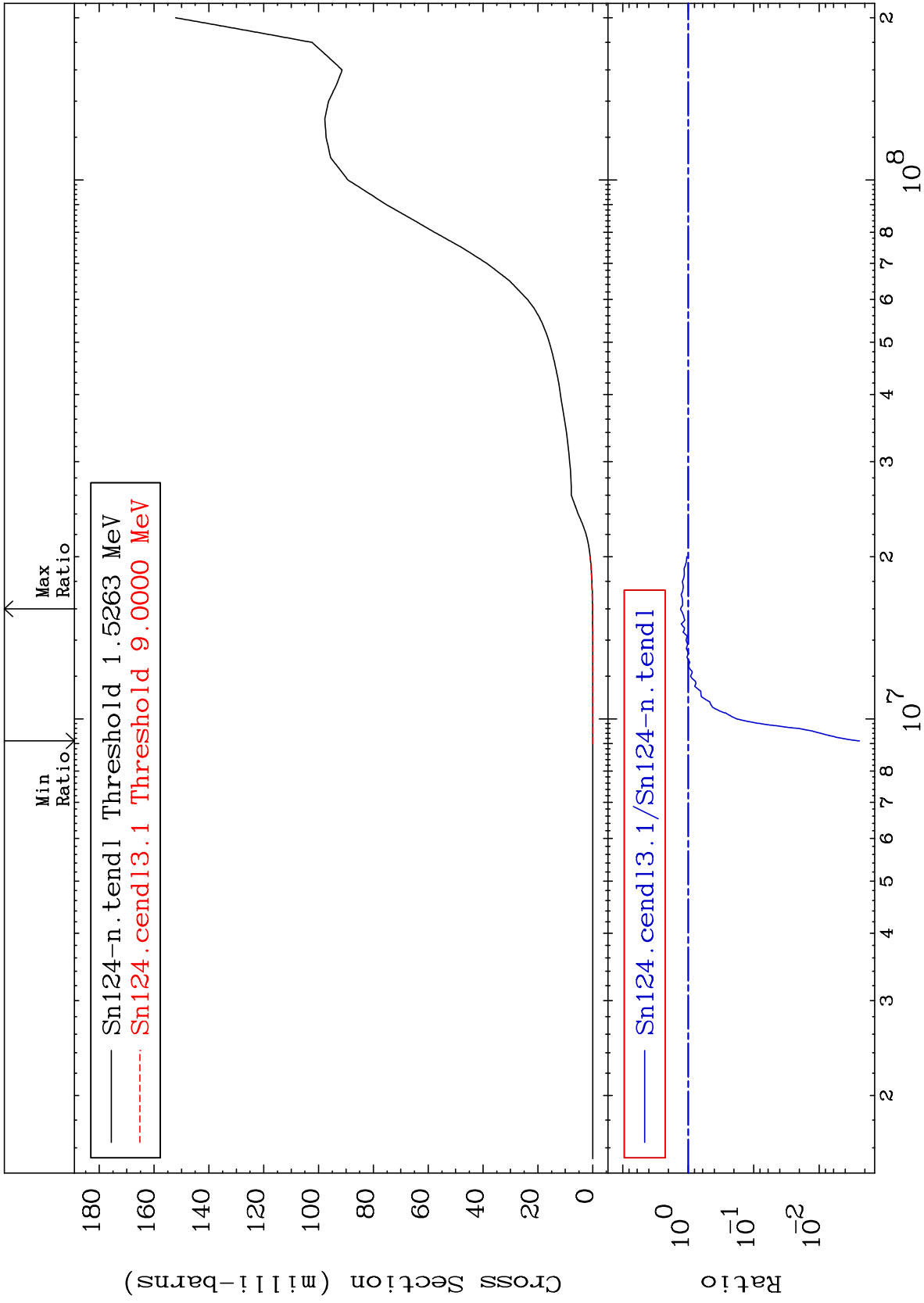
50-Sn-124  
-100.0 To 2461. %



MAT 5061

He-4 Production  
Cross Section

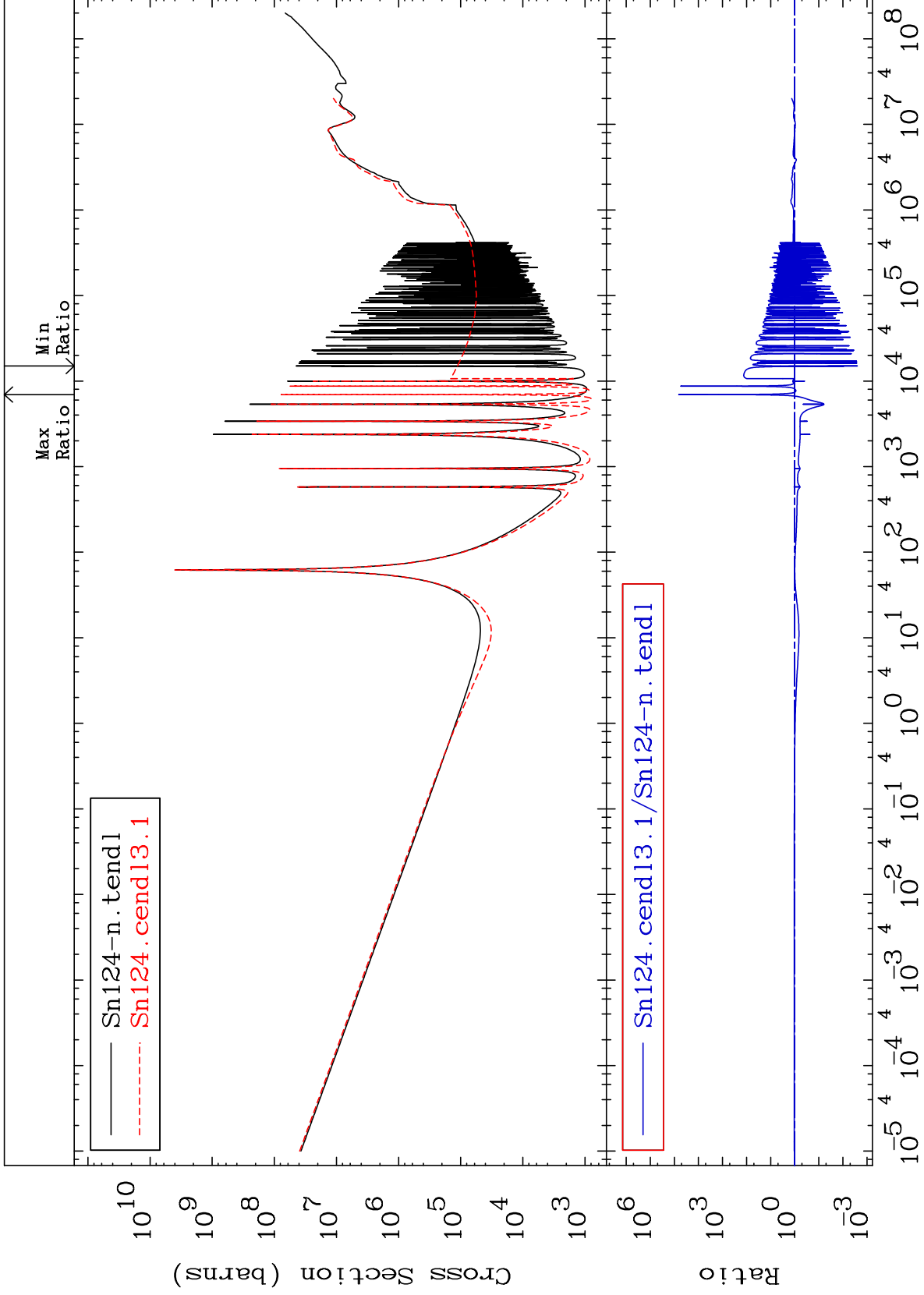
50-Sn-124  
-99.76 To 31.60 %



MAT 5061

Kerma total (eV-barns)  
Cross Section

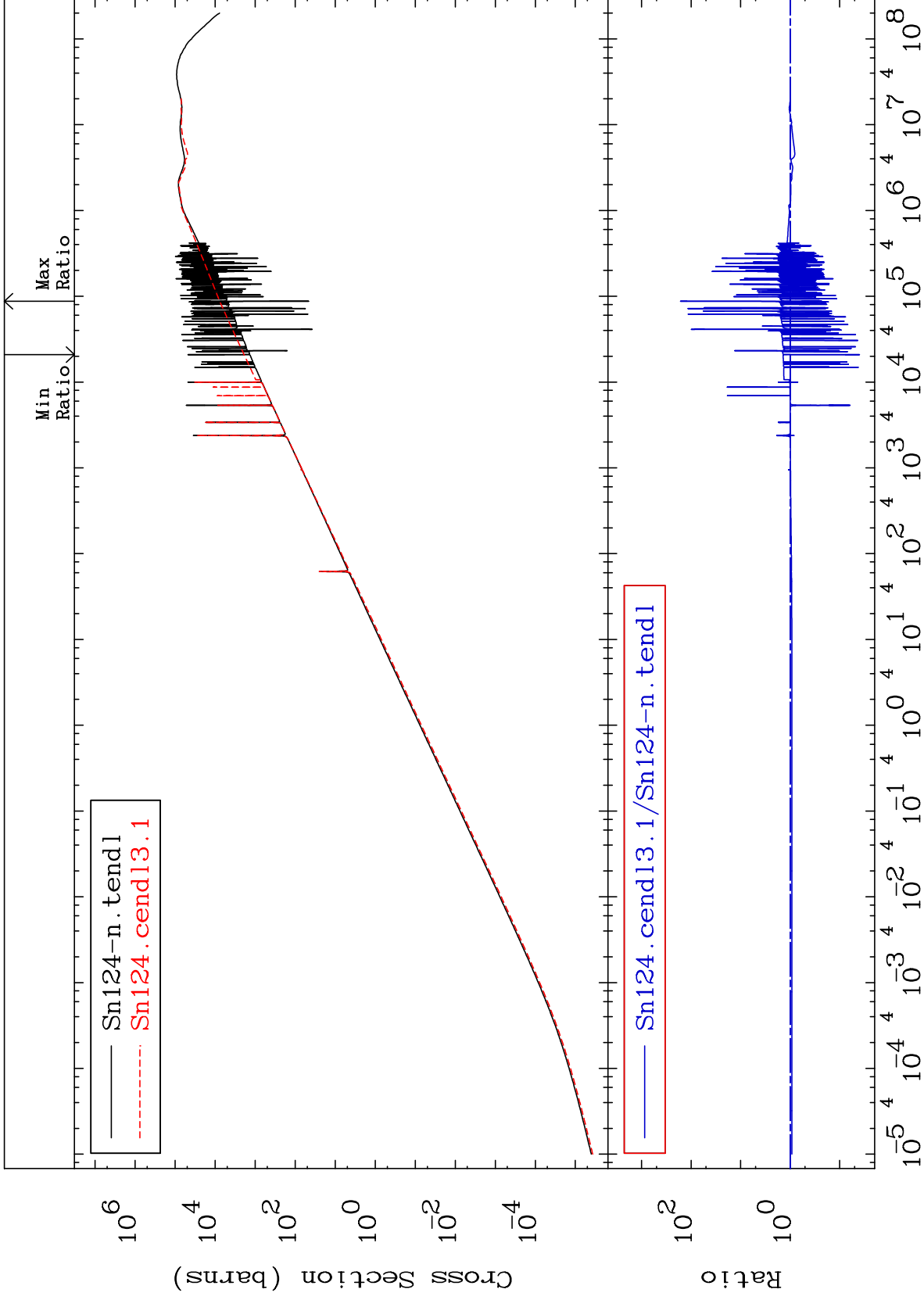
50-Sn-124  
-99.75 To 9999. %



MAT 5061

Kerma elastic  
Cross Section

50-Sn-124  
-96.01 To 9999. %

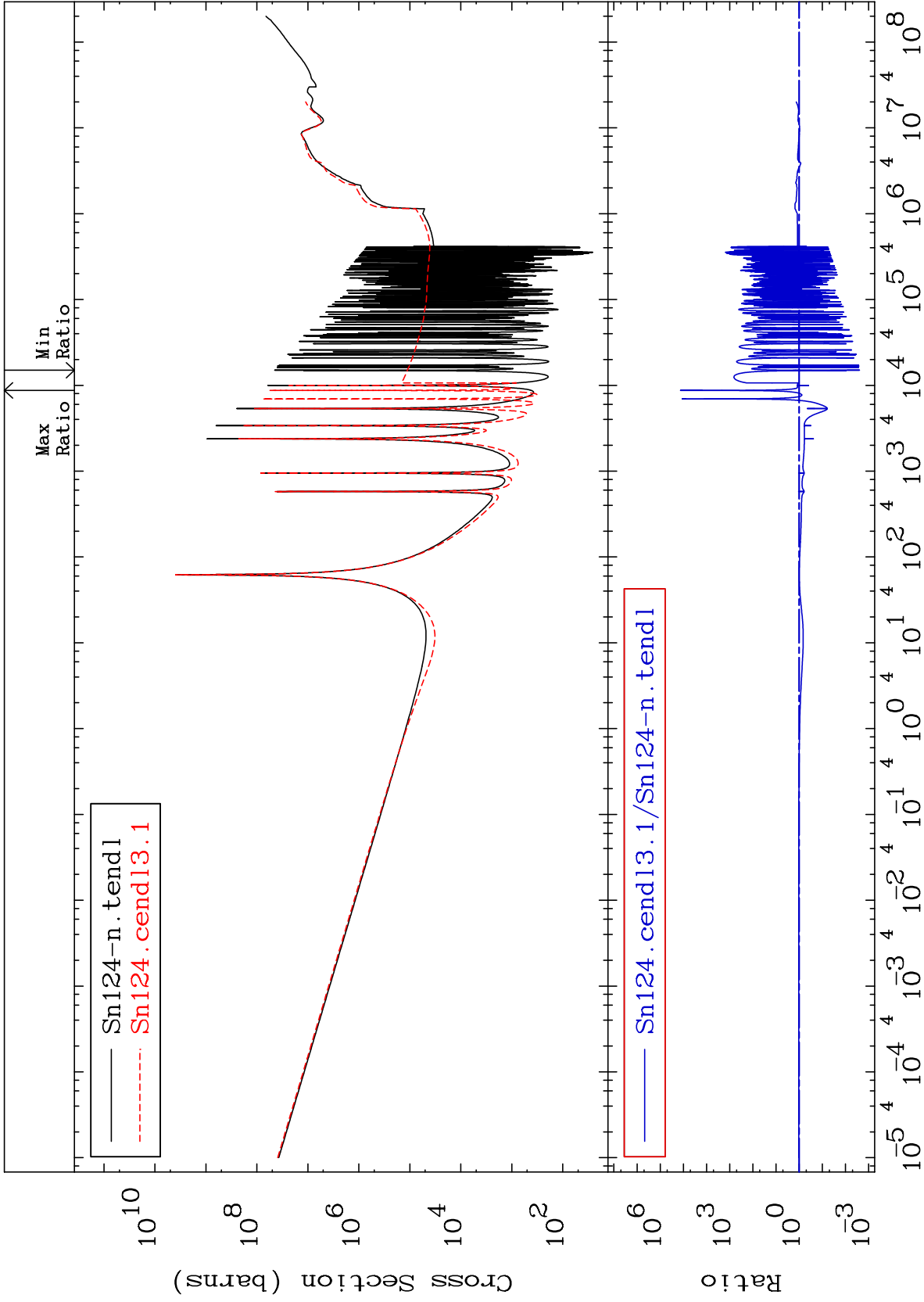


48

Incident Energy (eV)

50-Sn-124

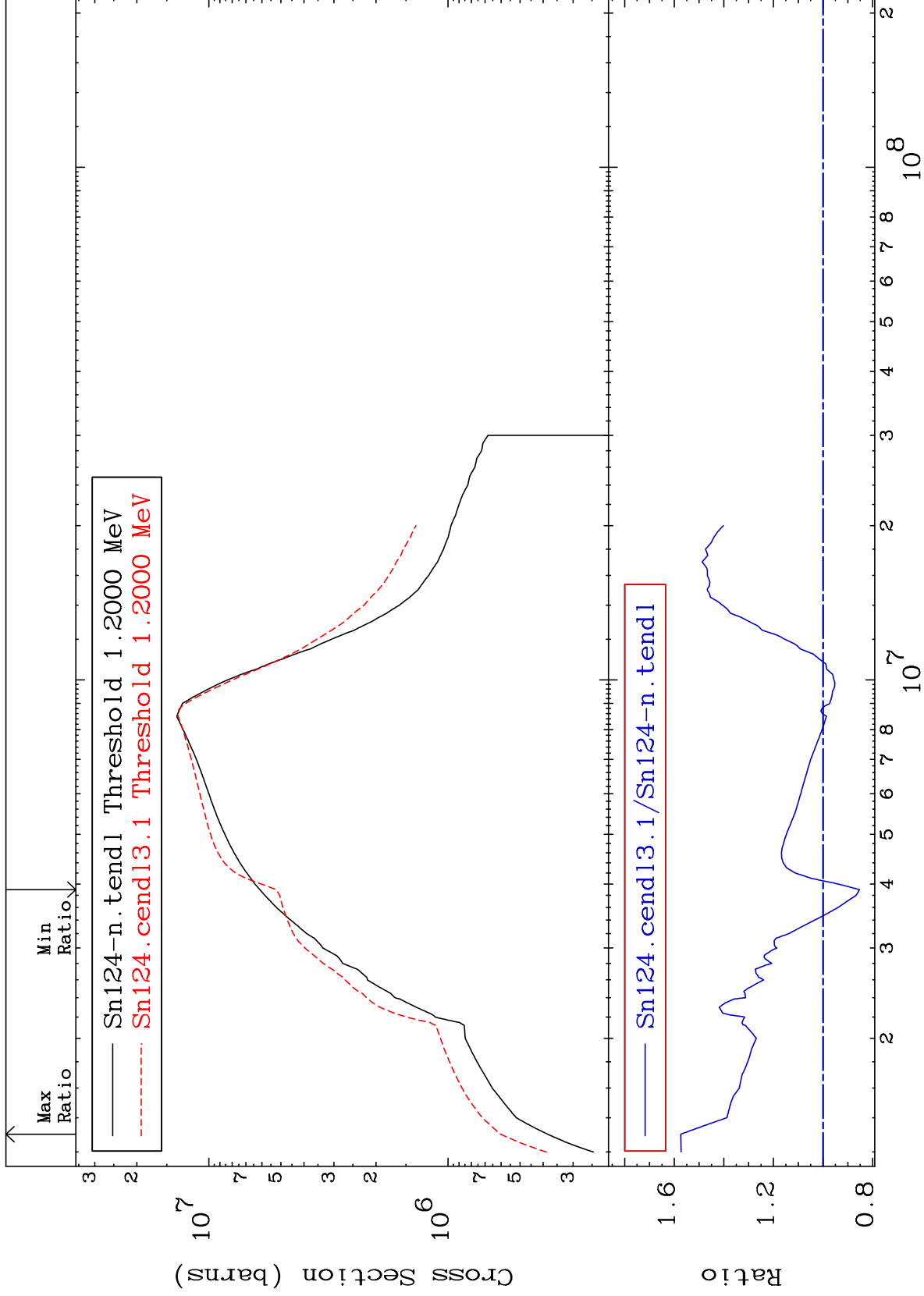




MAT 5061

Kerma inelastic (mt51-91)  
Cross Section

50-Sn-124  
-14.73 To 57.38 %



50

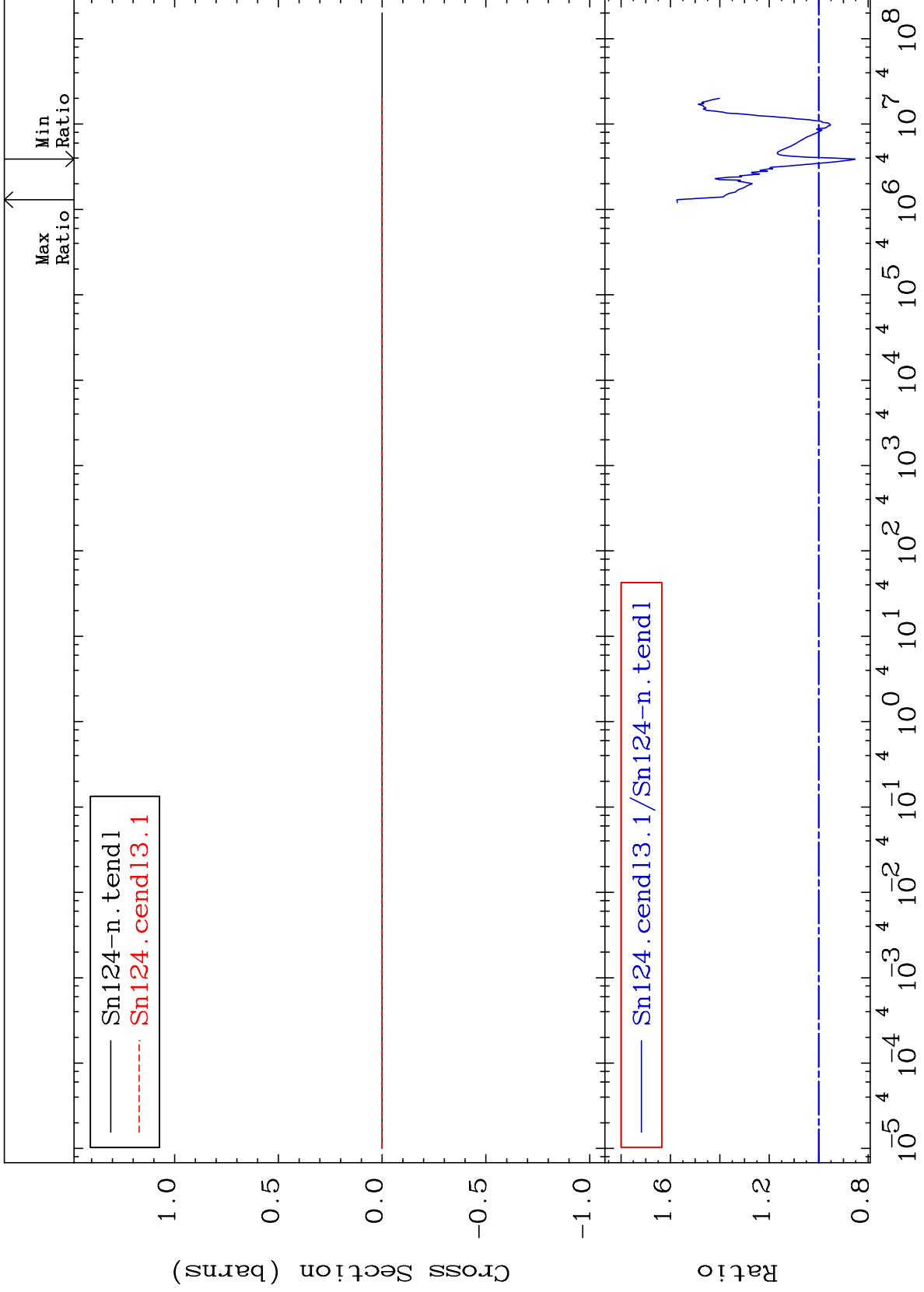
Incident Energy (eV)

50-Sn-124

MAT 5061

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

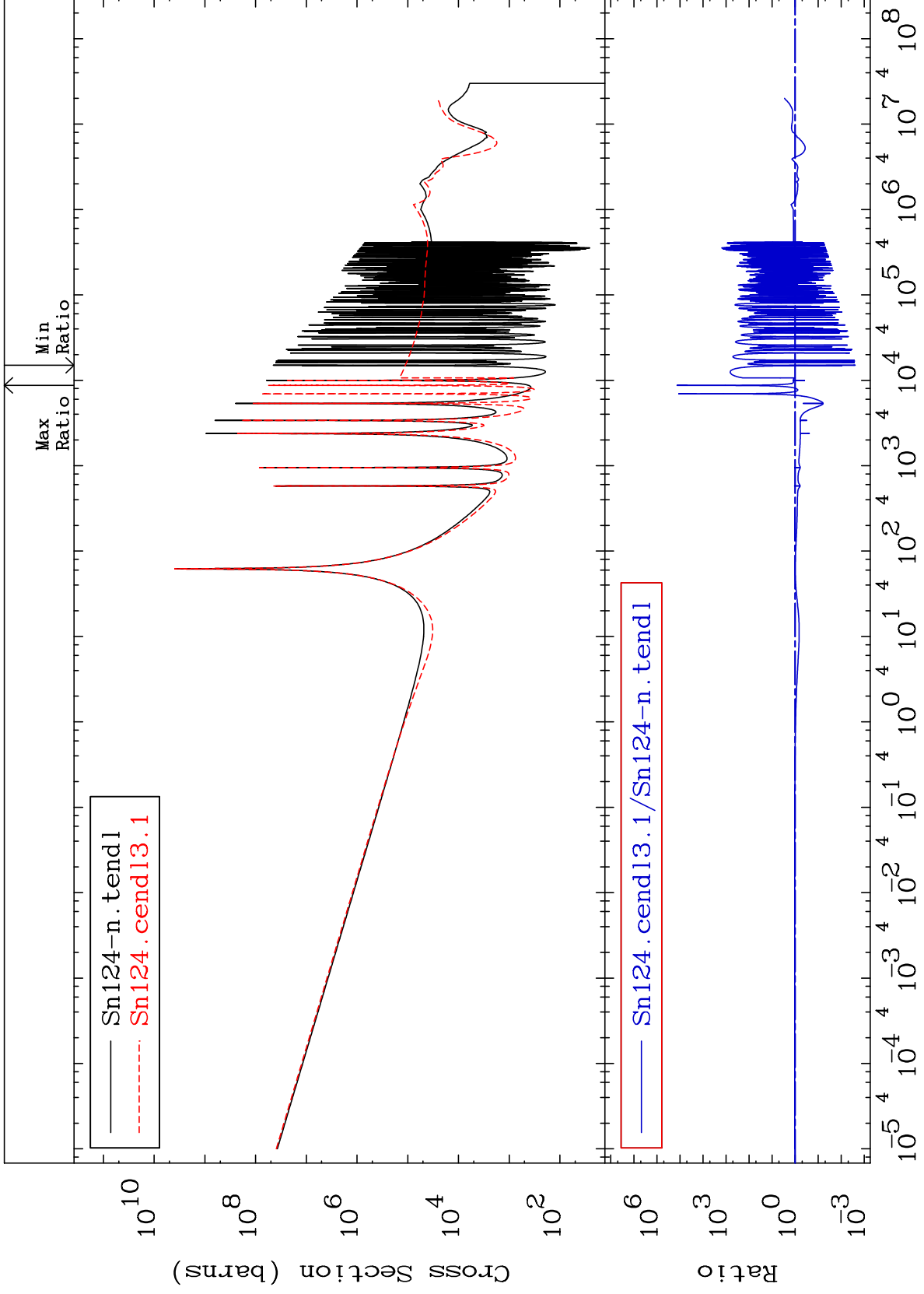
50-Sn-124  
-14.73 To 57.38 %



MAT 5061

Kerma capture (mt102)  
Cross Section

50-Sn-124  
-99.75 To 9999. %

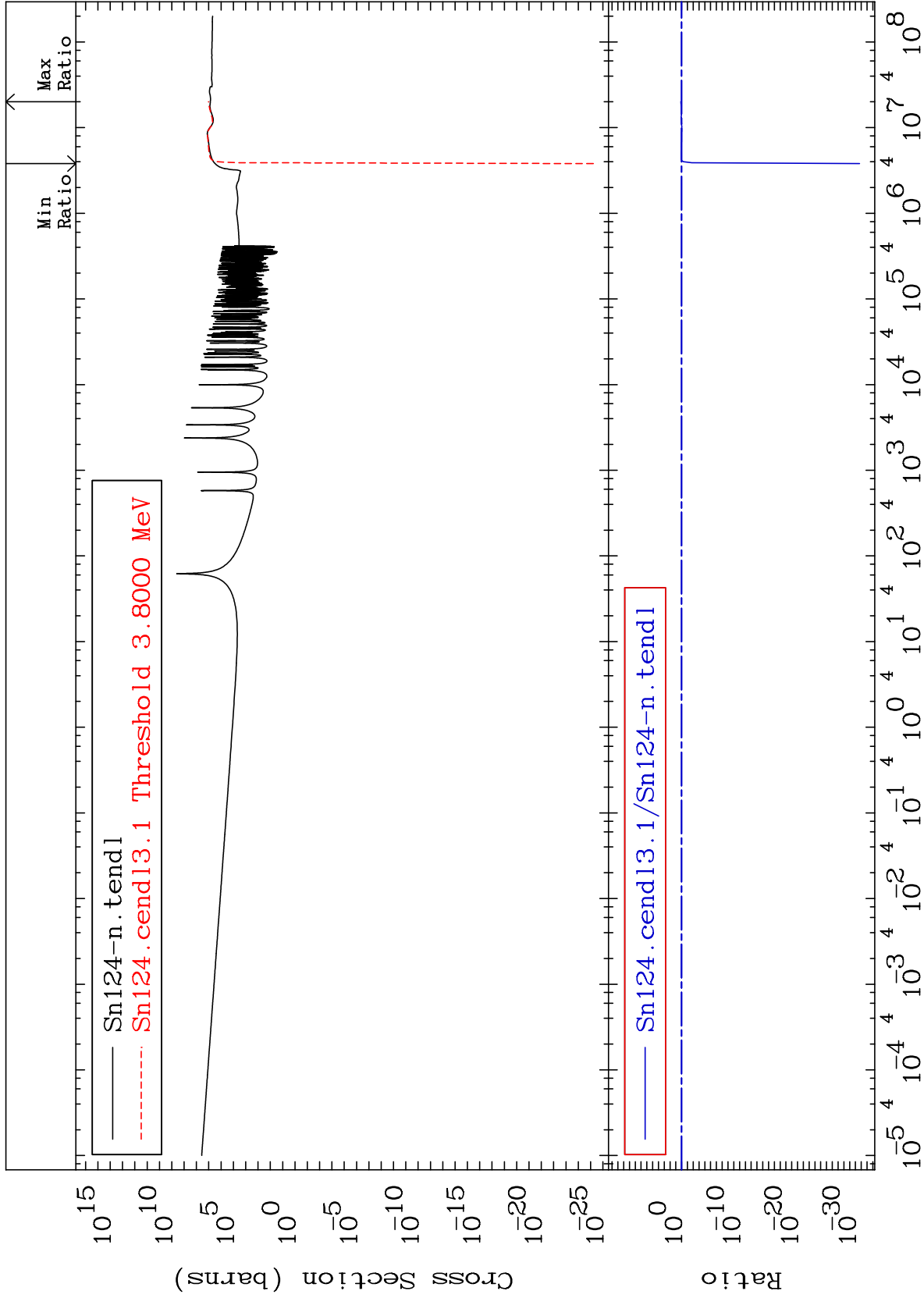


MAT 5061

Total photon (eV-barns)  
Cross Section

50-Sn-124

-100.0 To 40.27 %



53

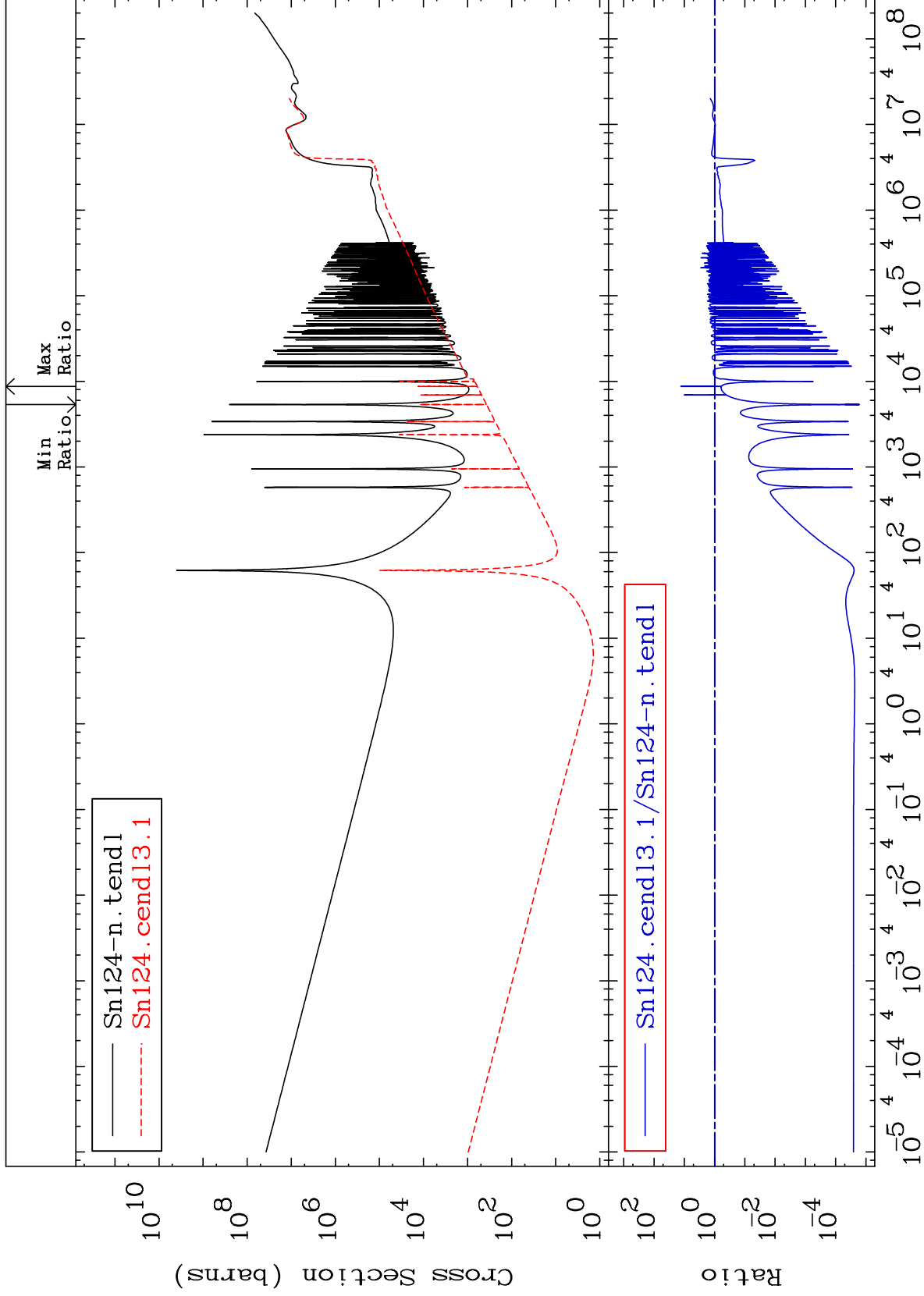
Incident Energy (eV)

50-Sn-124

MAT 5061

Total kinematic kerma (high limit)  
Cross Section

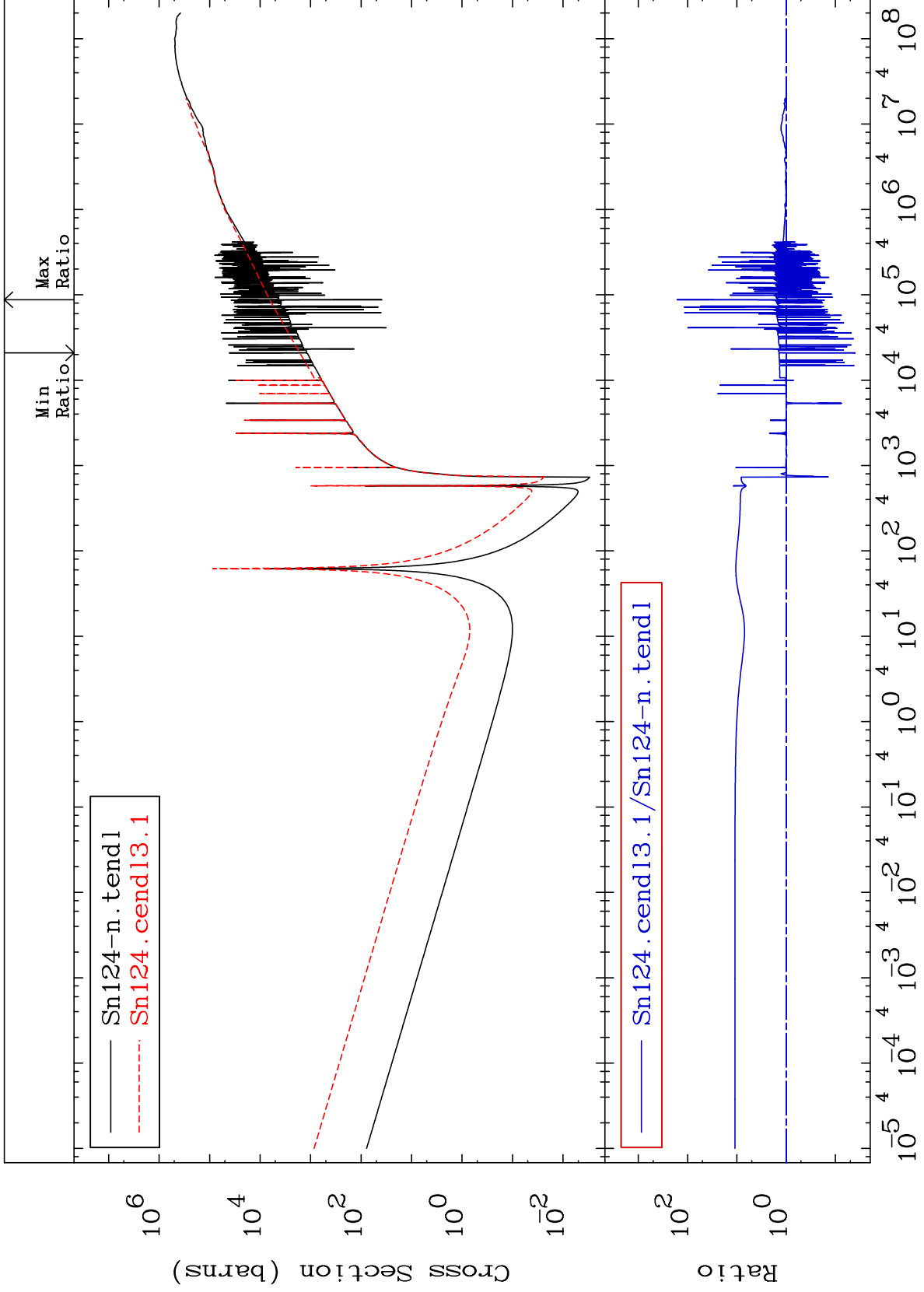
50-Sn-124  
-100.0 To 1207. %



MAT 5061

Dpa total (eV-barns)  
Cross Section

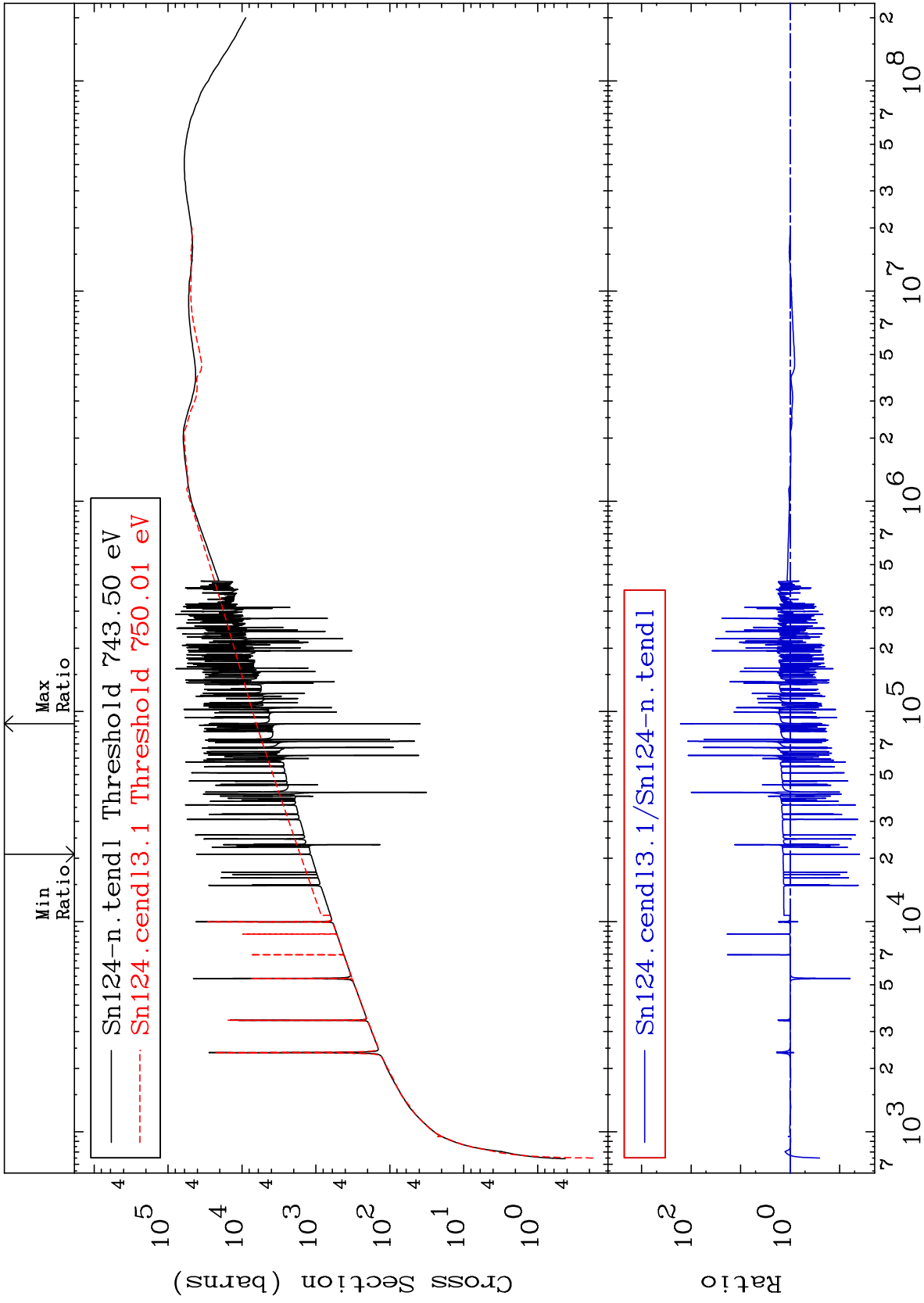
50-Sn-124  
-96.00 To 9999. %



MAT 5061

Dpa elastic (mt2)  
Cross Section

50-Sn-124  
-96.01 To 9999. %



56

Incident Energy (eV)

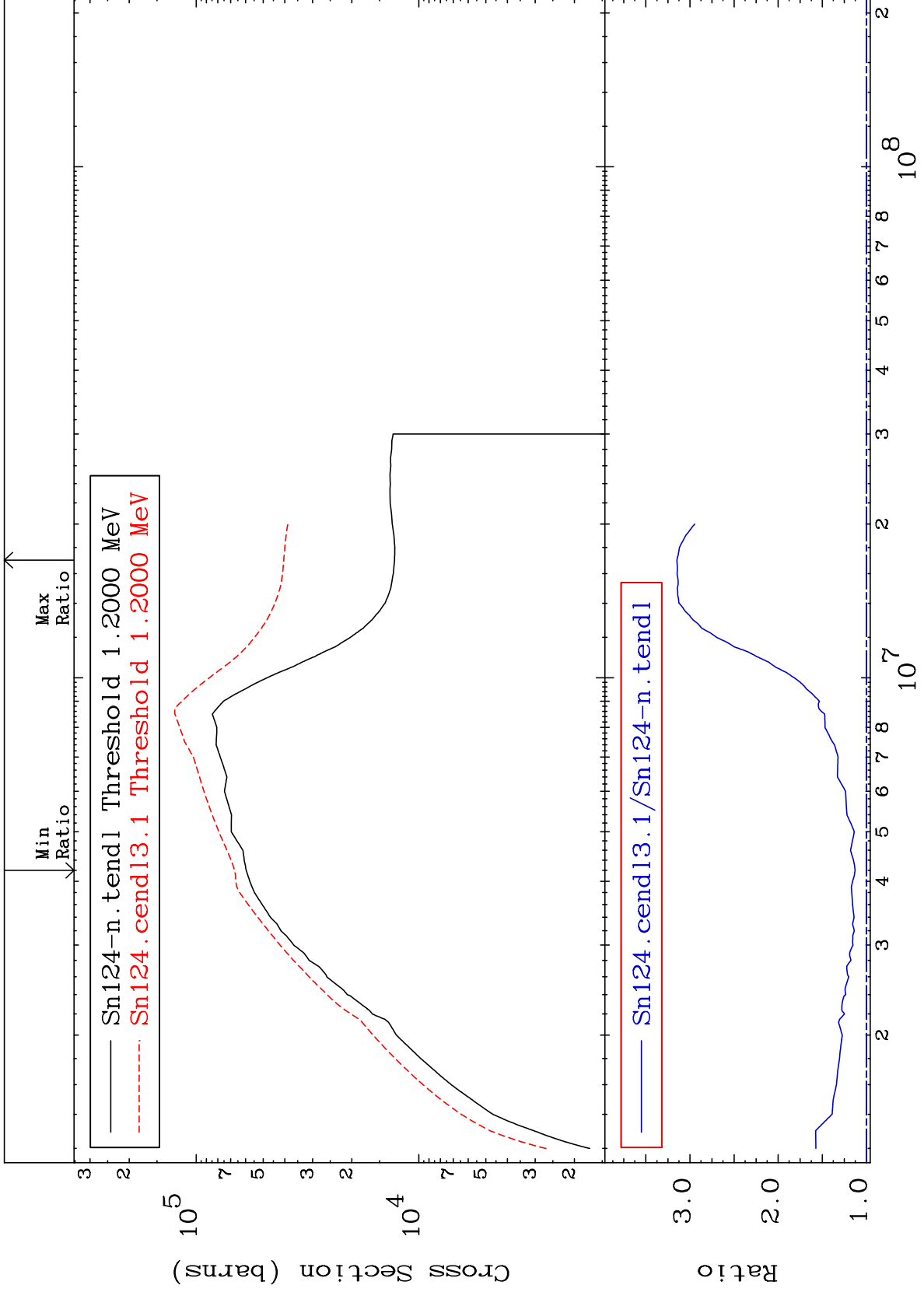
50-Sn-124



MAT 5061

Dpa inelastic (mt51-91)  
Cross Section

50-Sn-124  
12.77 To 214.8 %



57

Incident Energy (eV)

50-Sn-124

MAT 5061

Dpa disappearance (mt102 -120)  
Cross Section

50-Sn-124  
-95.15 To 9999. %

