

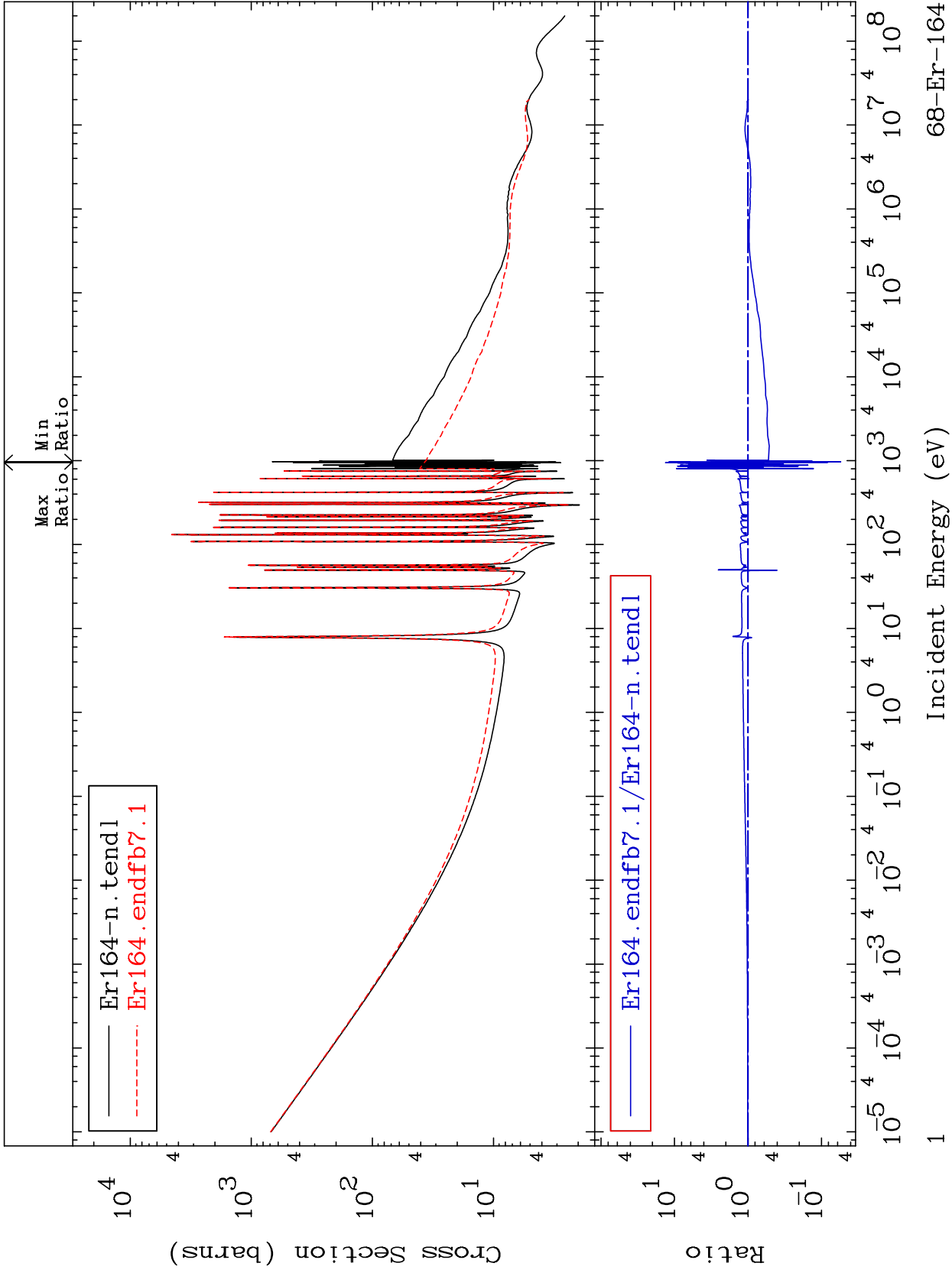
MAT 6831

Total

68-Er-164

Cross Section

-94.53 To 1227. %



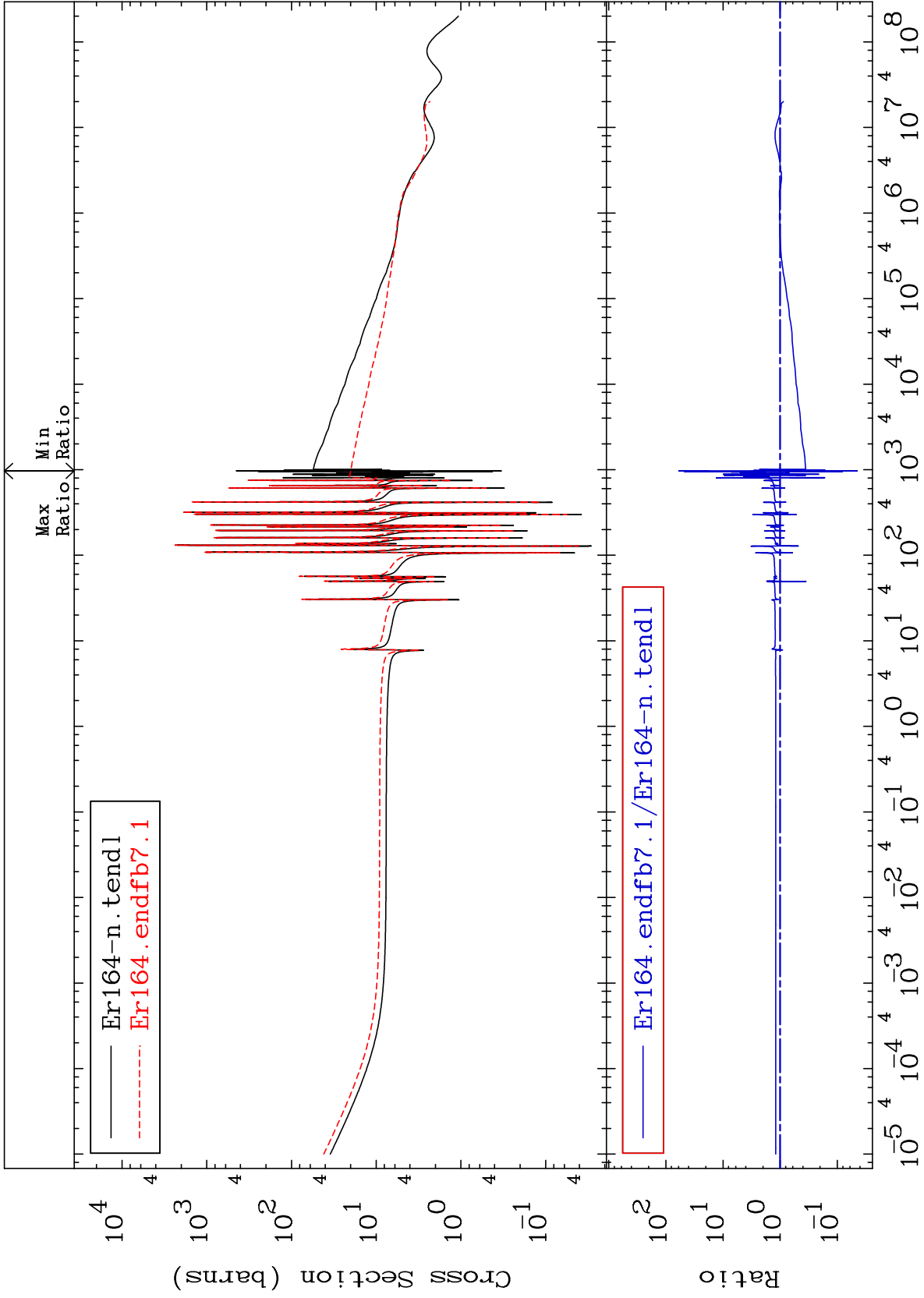
Incident Energy (eV)

68-Er-164

MAT 6831

Elastic  
Cross Section

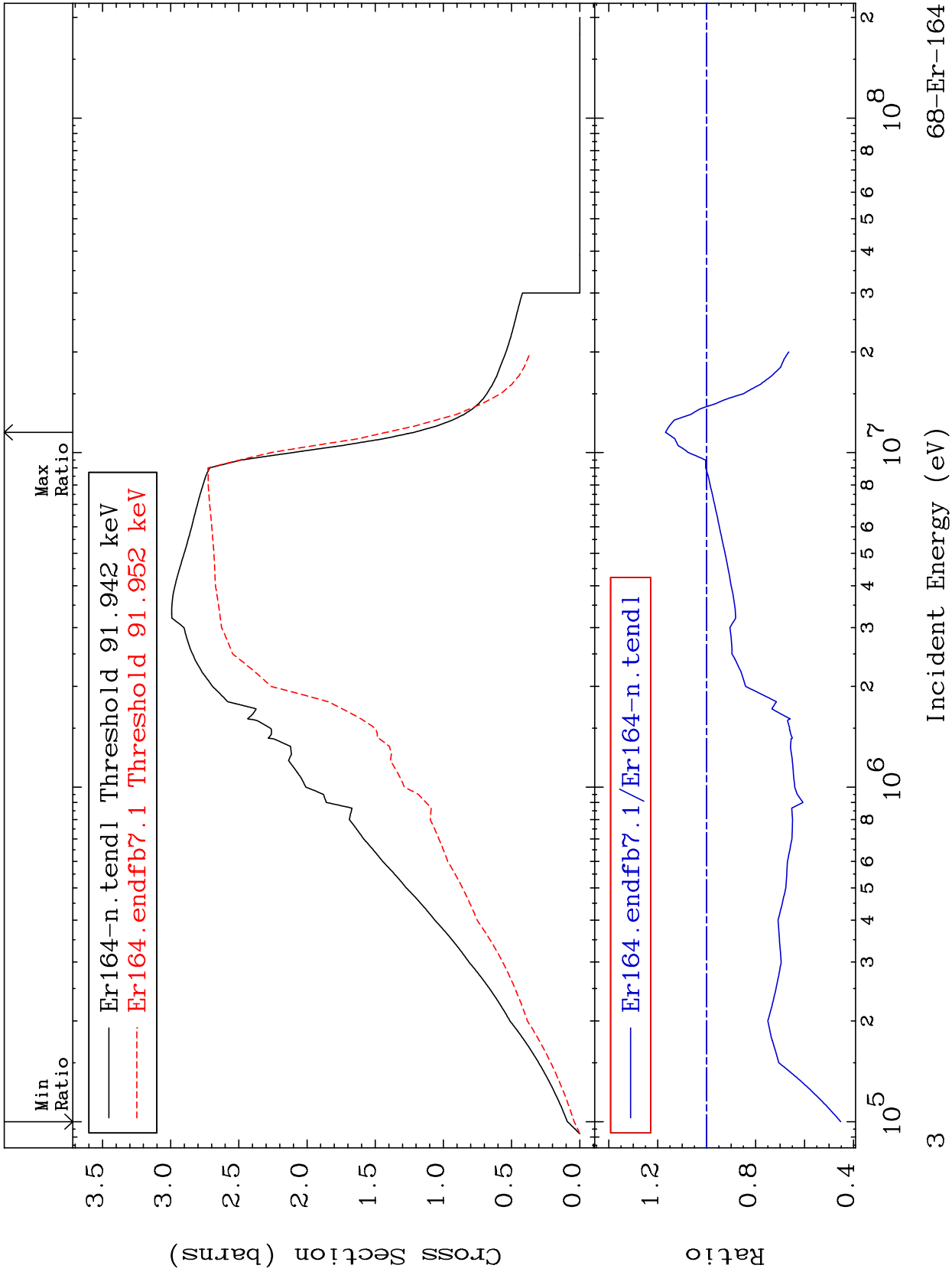
68-Er-164  
-95.52 To 5876. %

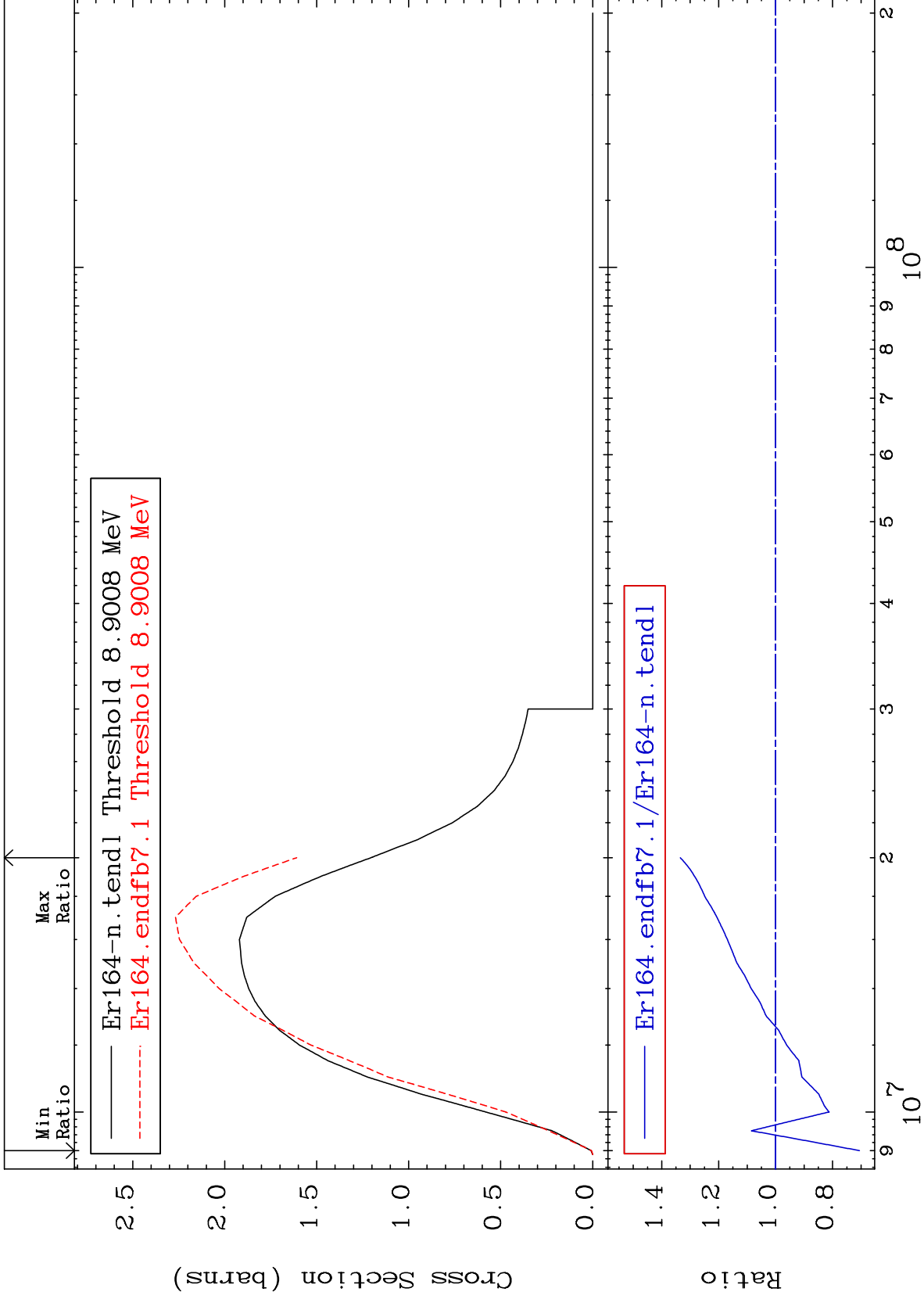


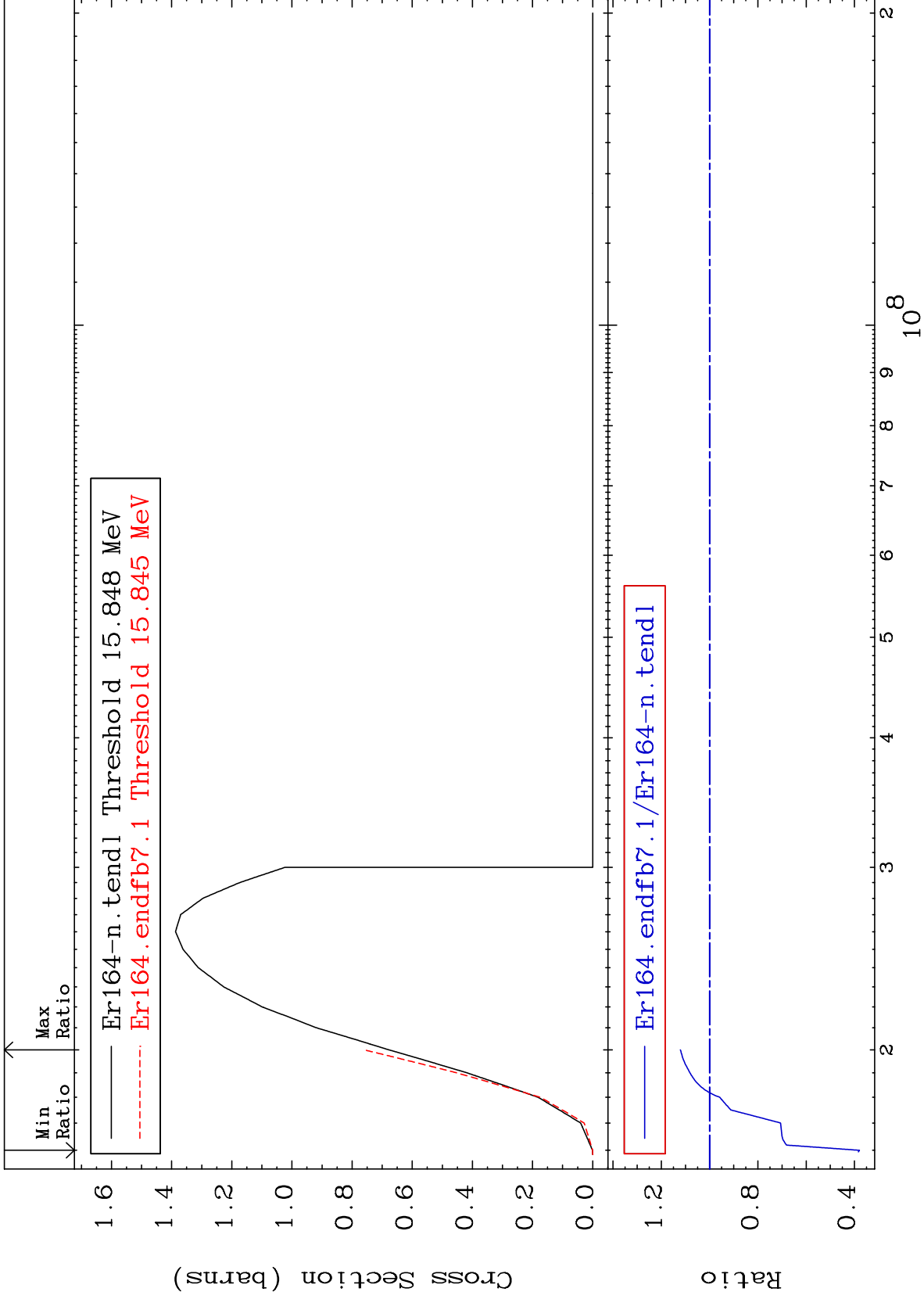
MAT 6831

Inelastic  
Cross Section

68-Er-164  
-54.76 To 16.82 %



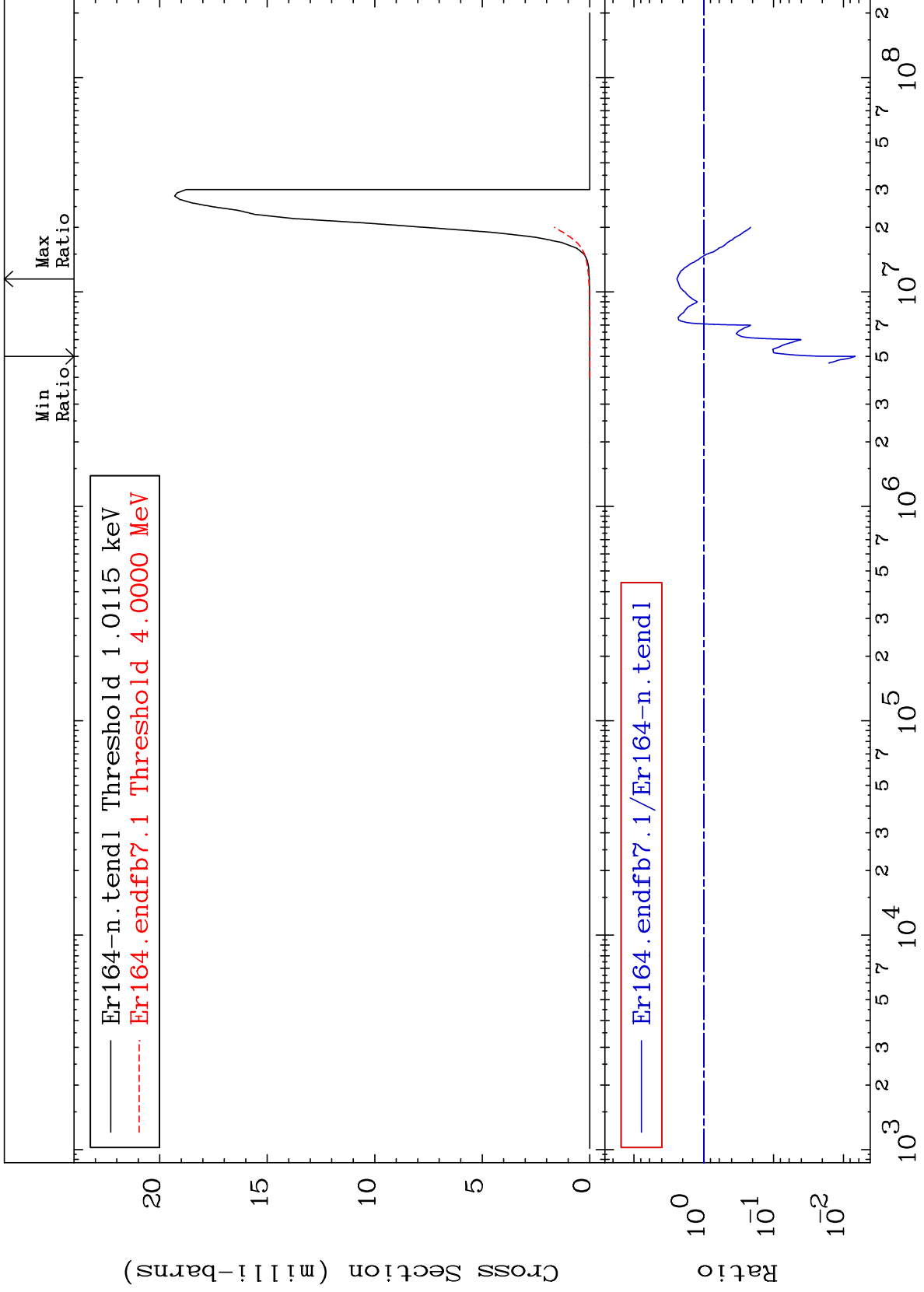




MAT 6831

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

68-Er-164  
-99.32 To 142.4 %



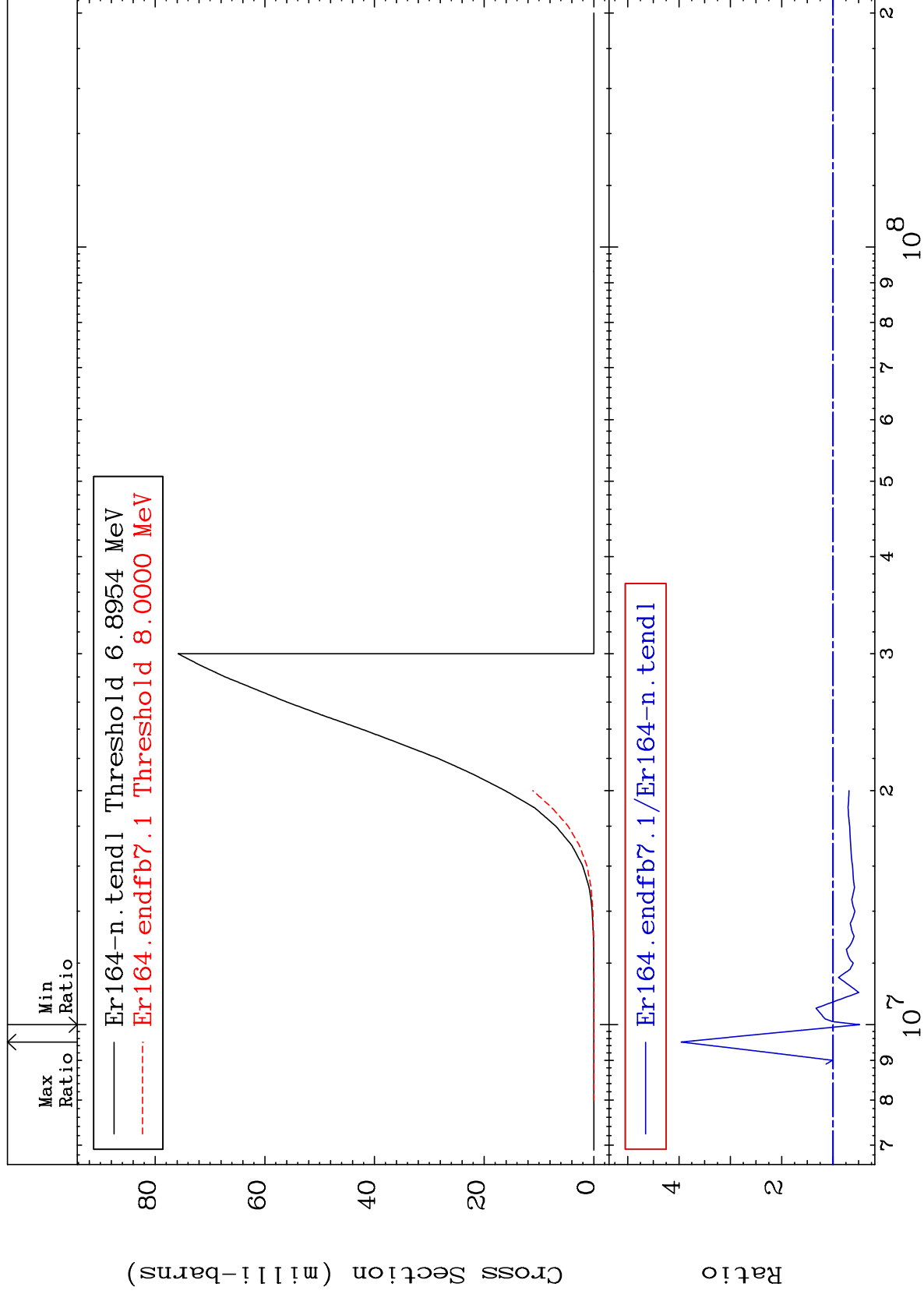
Incident Energy (eV)

68-Er-164

MAT 6831

(n,n') p  
Cross Section

68-Er-164  
-51.84 To 295.7 %



7

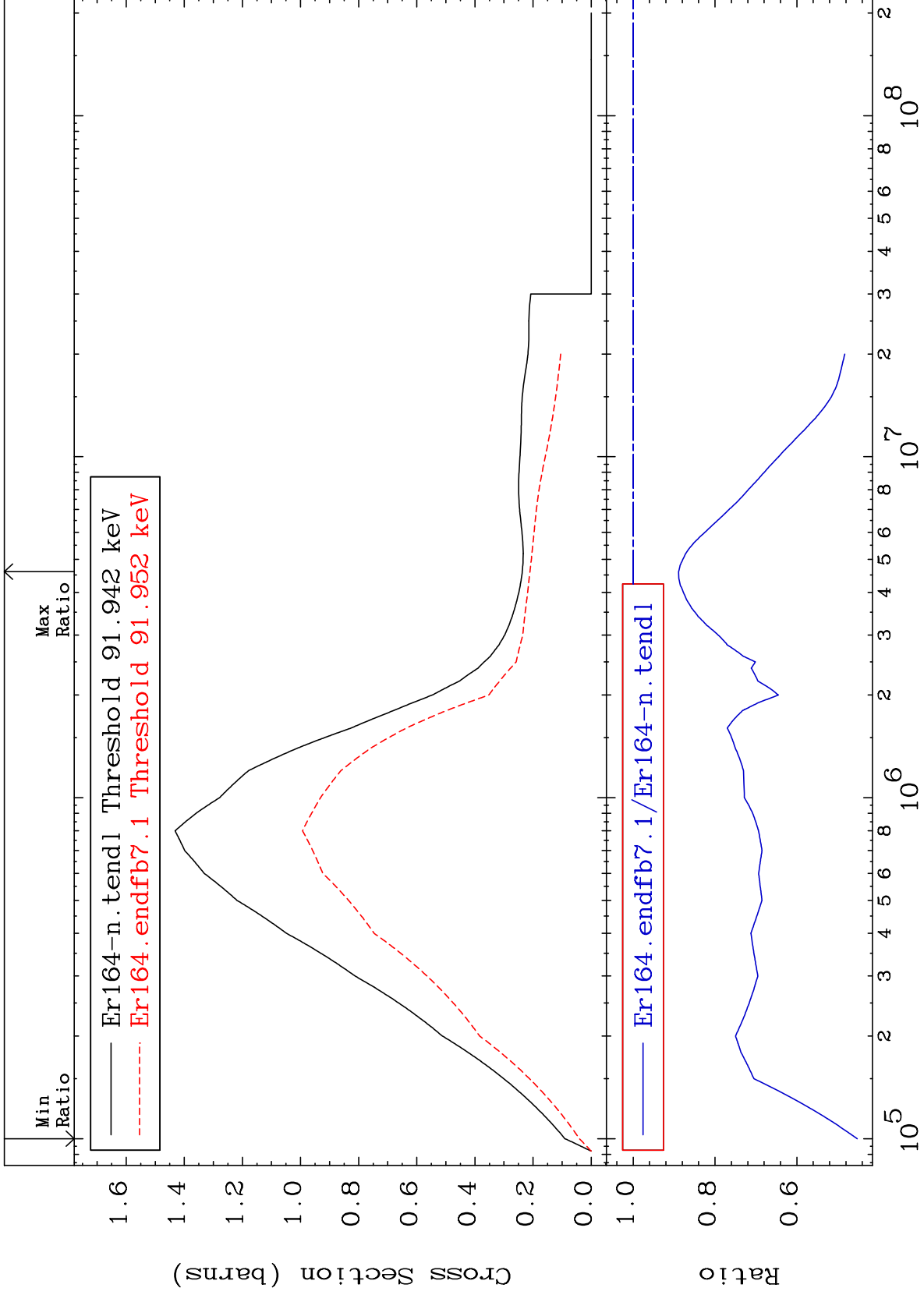
Incident Energy (eV)

68-Er-164

MAT 6831

91.38 keV (n,n') Level  
Cross Section

68-Er-164  
-54.76 To -11.11%



8

Incident Energy (eV)

68-Er-164



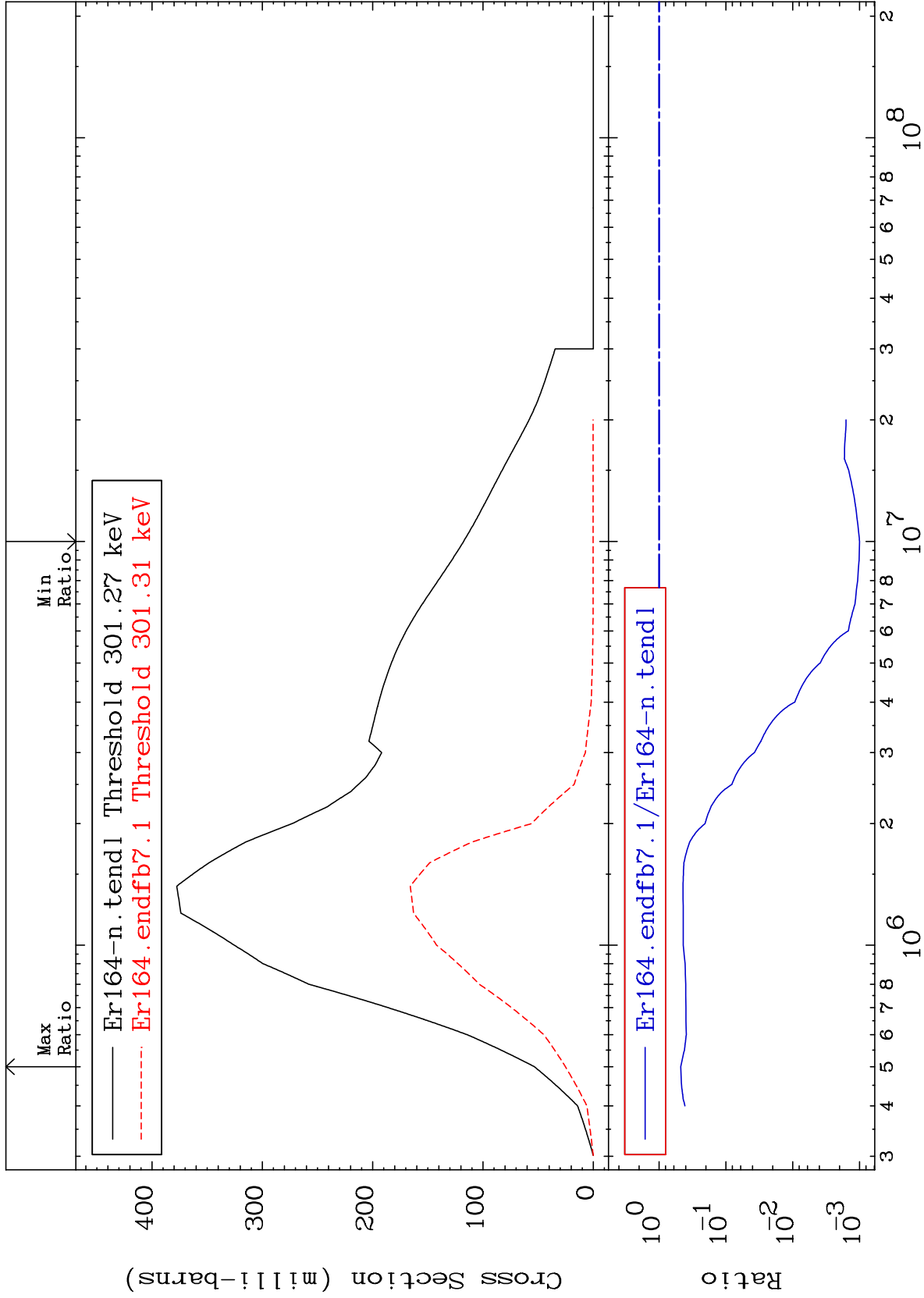
MAT 6831

299.4 keV (n,n') Level

68-Er-164

-99.90 To -52.60%

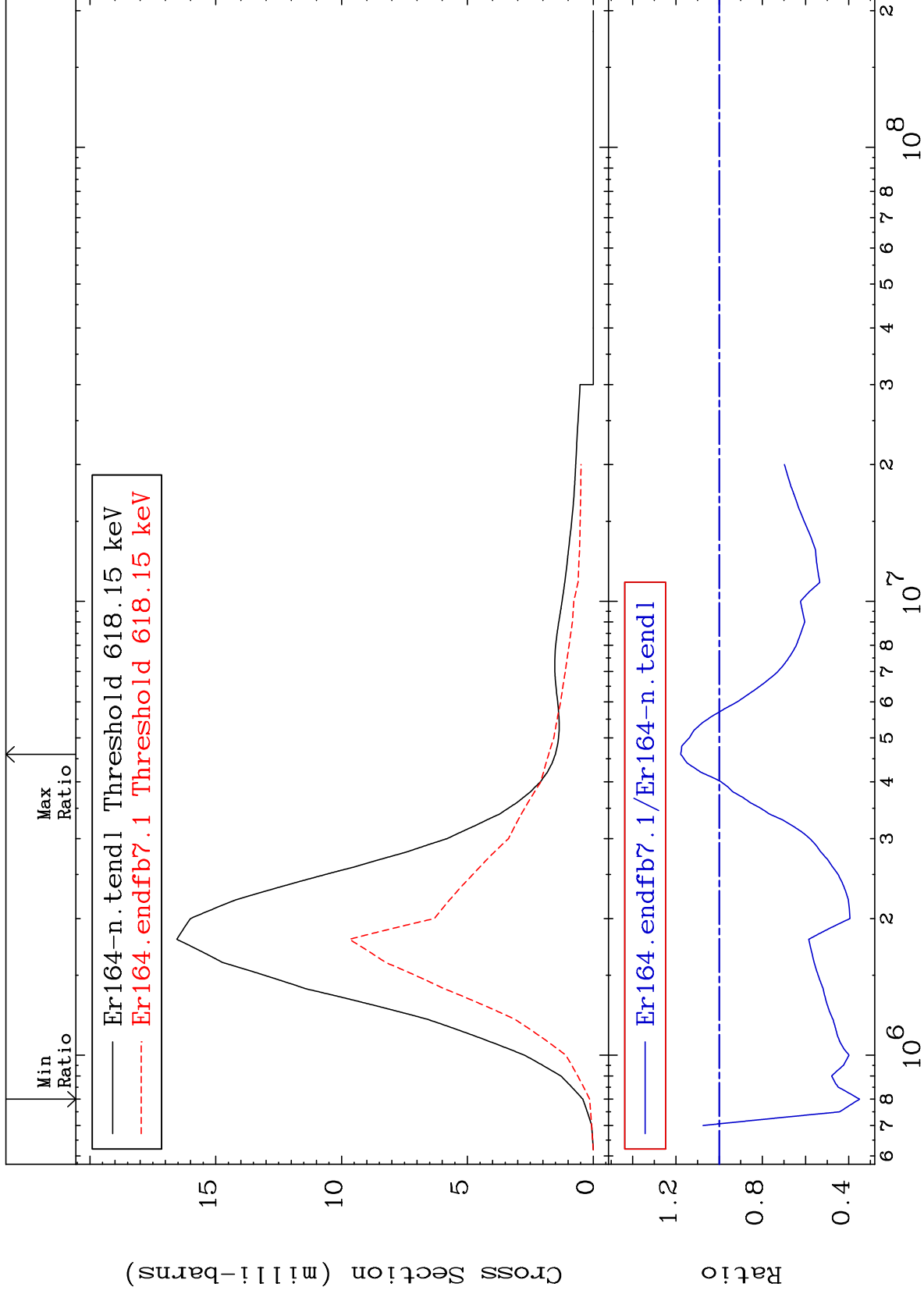
Cross Section



MAT 6831

614.4 keV (n,n') Level  
Cross Section

68-Er-164  
-64.98 To 17.77 %



10

Incident Energy (eV)

68-Er-164

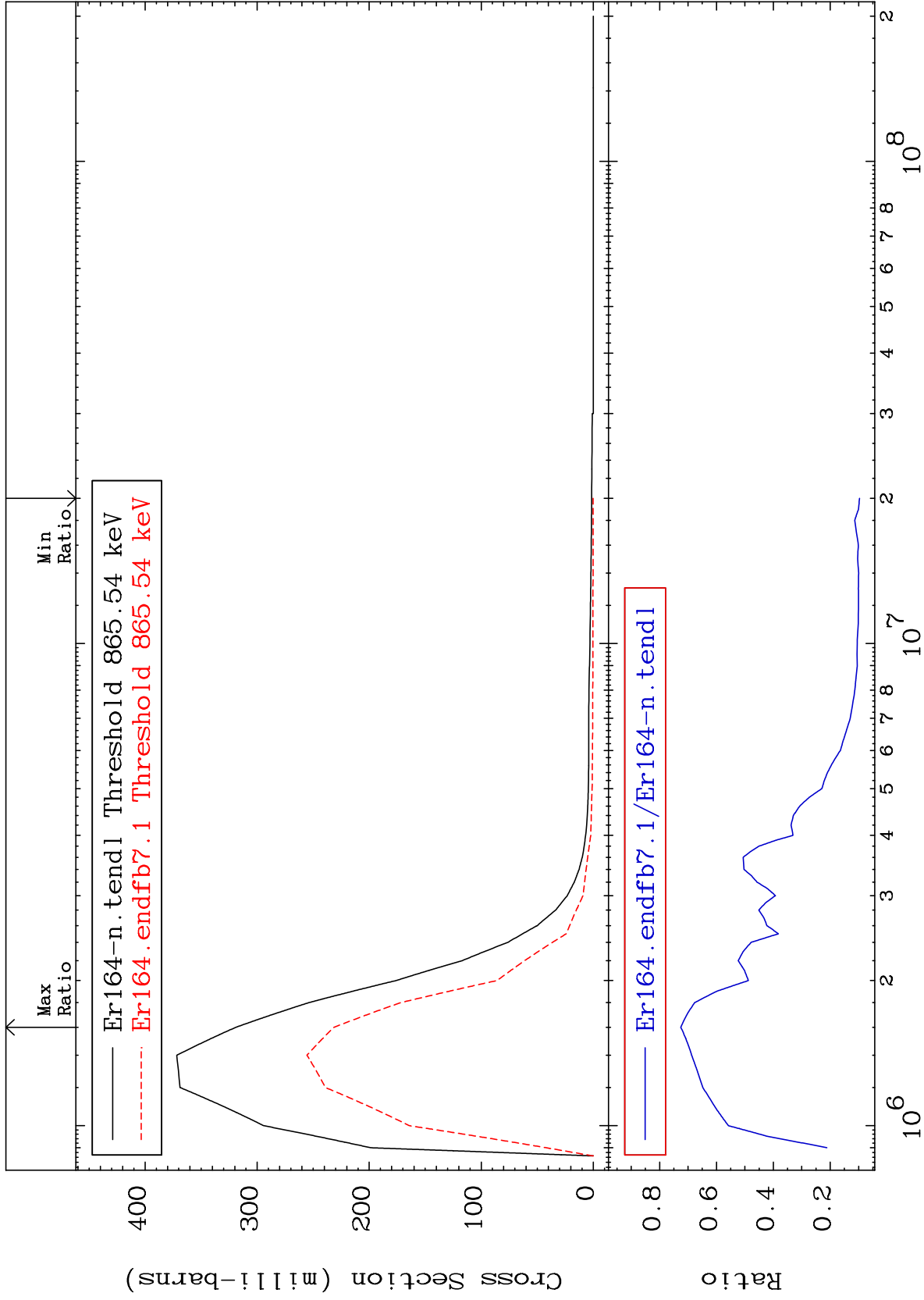
MAT 6831

860.3 keV (n,n') Level

68-Er-164

-90.33 To -27.44%

Cross Section



11

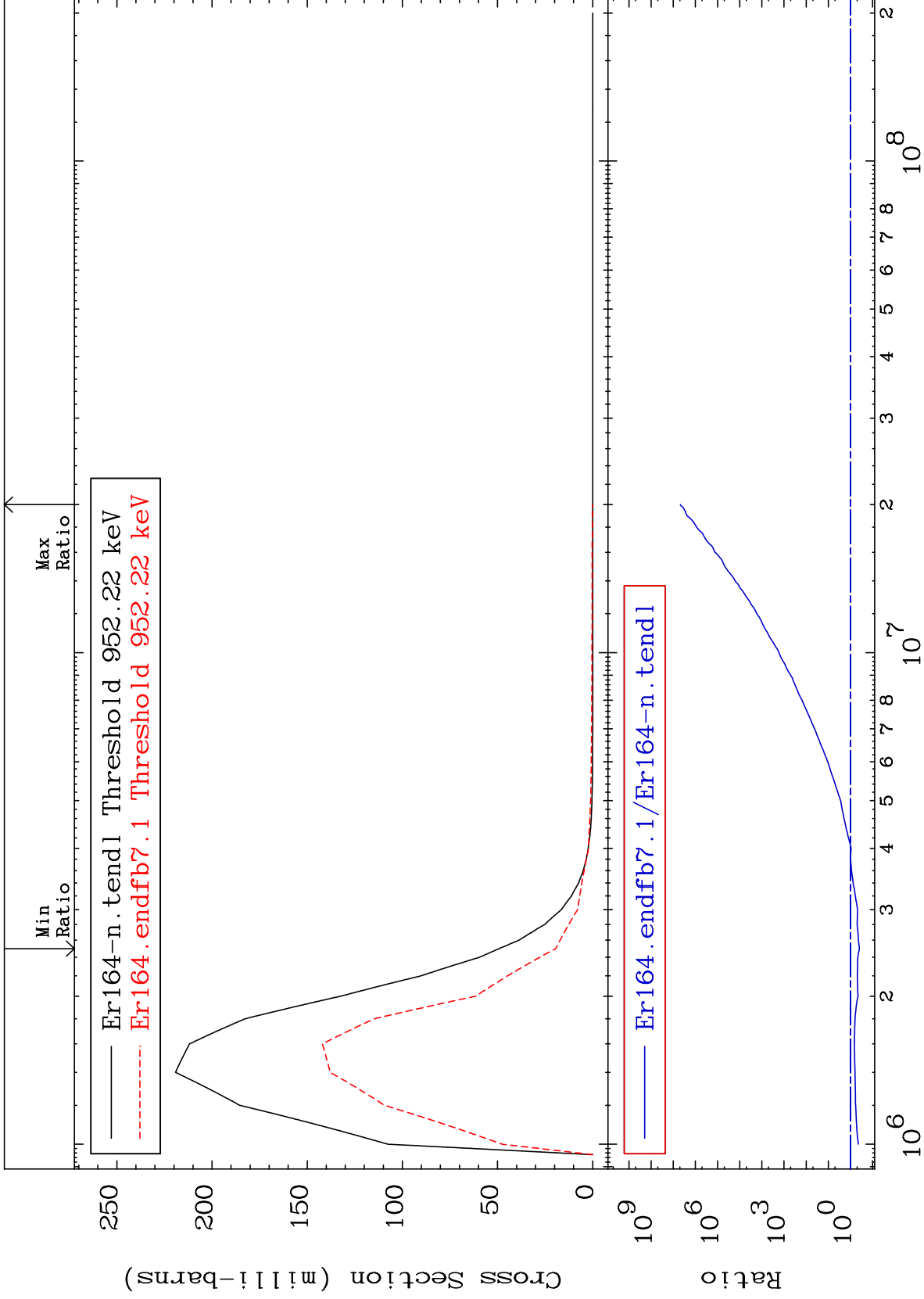
Incident Energy (eV)

68-Er-164

MAT 6831

946.4 keV (n,n') Level  
Cross Section

68-Er-164  
-60.47 To 9999. %



12

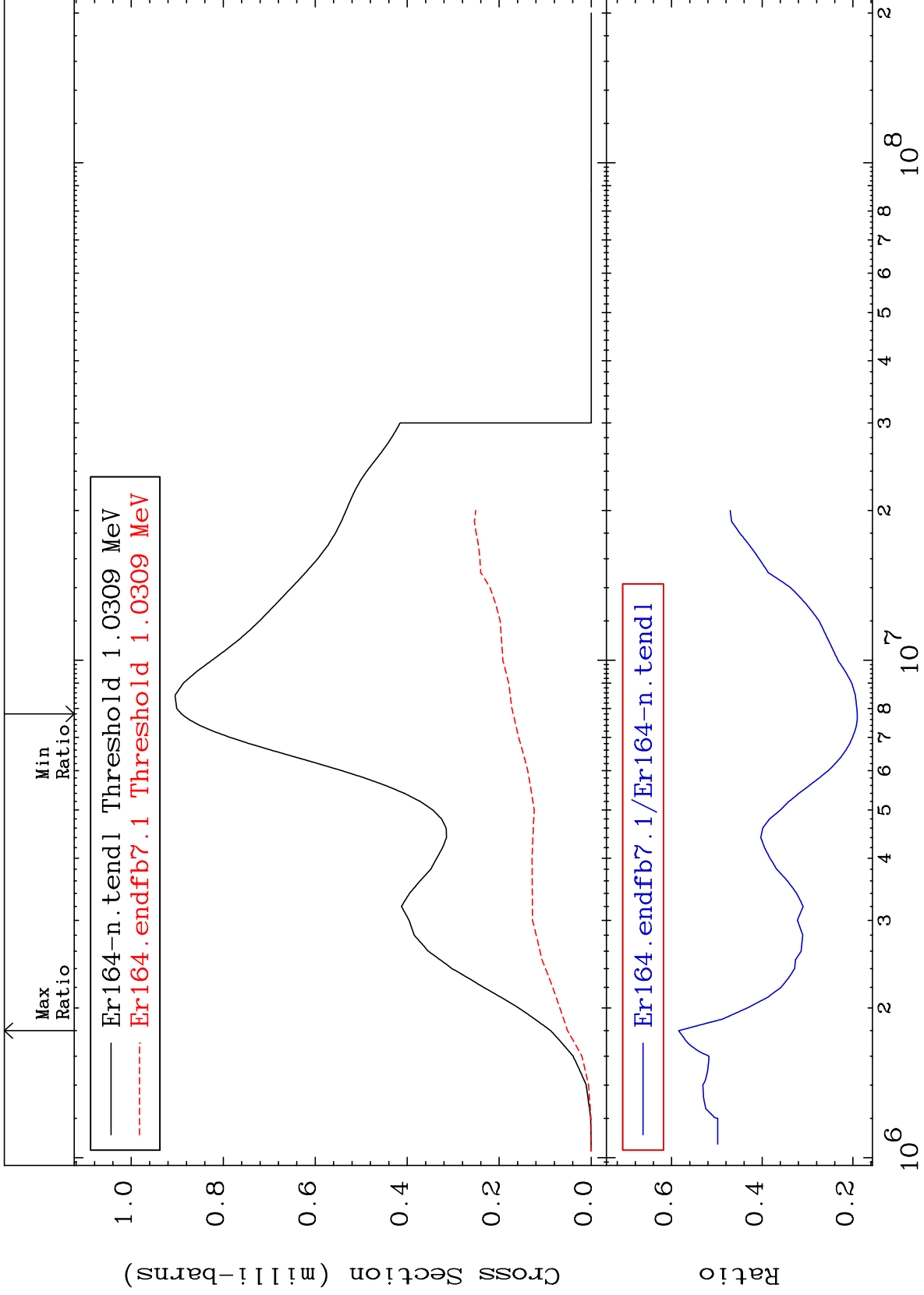
Incident Energy (eV)

68-Er-164

MAT 6831

1.025 MeV (n,n') Level  
Cross Section

68-Er-164  
-80.97 To -41.55%



13

68-Er-164

68-Er-164

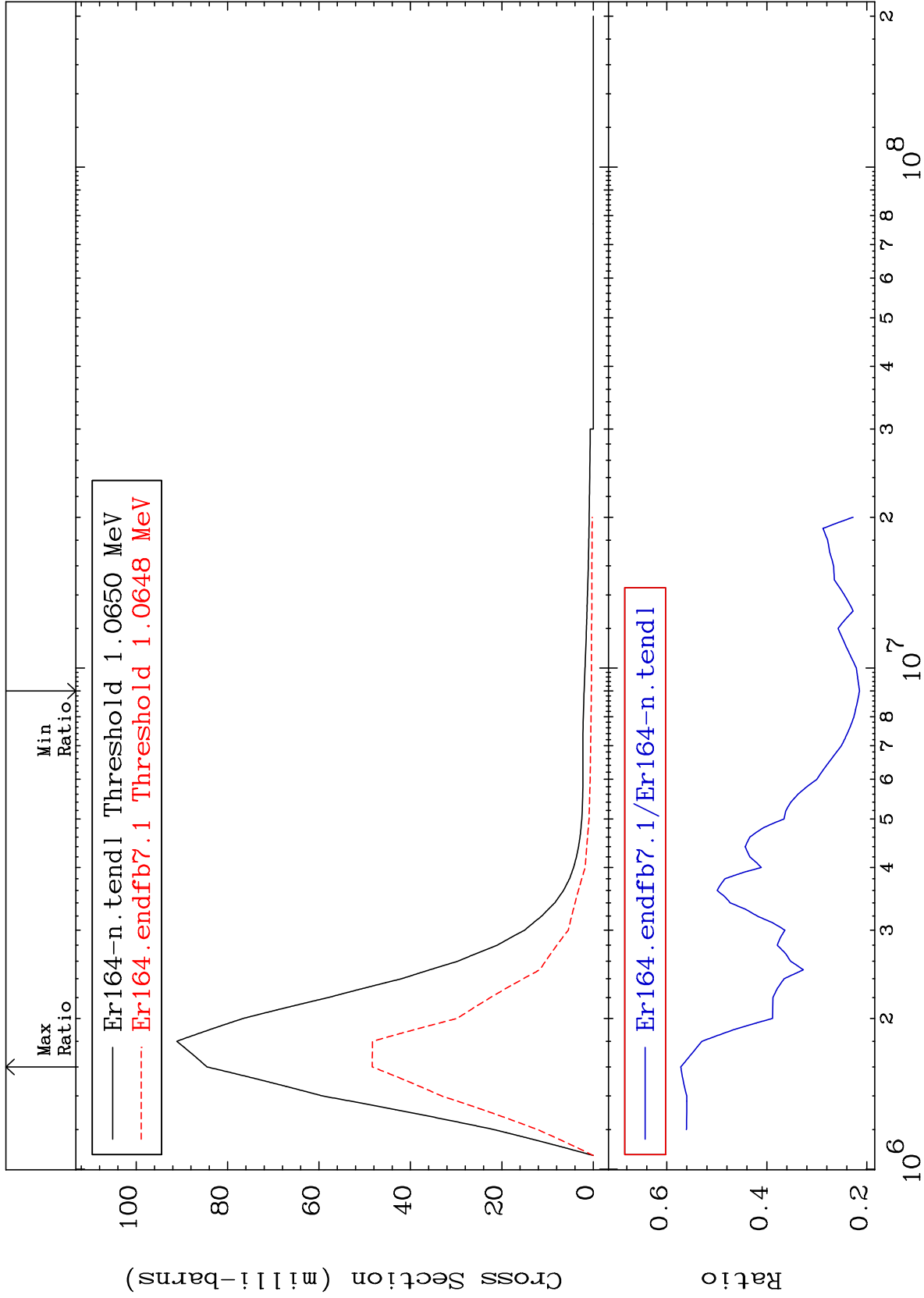
MAT 6831

1.058 MeV (n,n') Level

68-Er-164

-78.55 To -42.78%

Cross Section



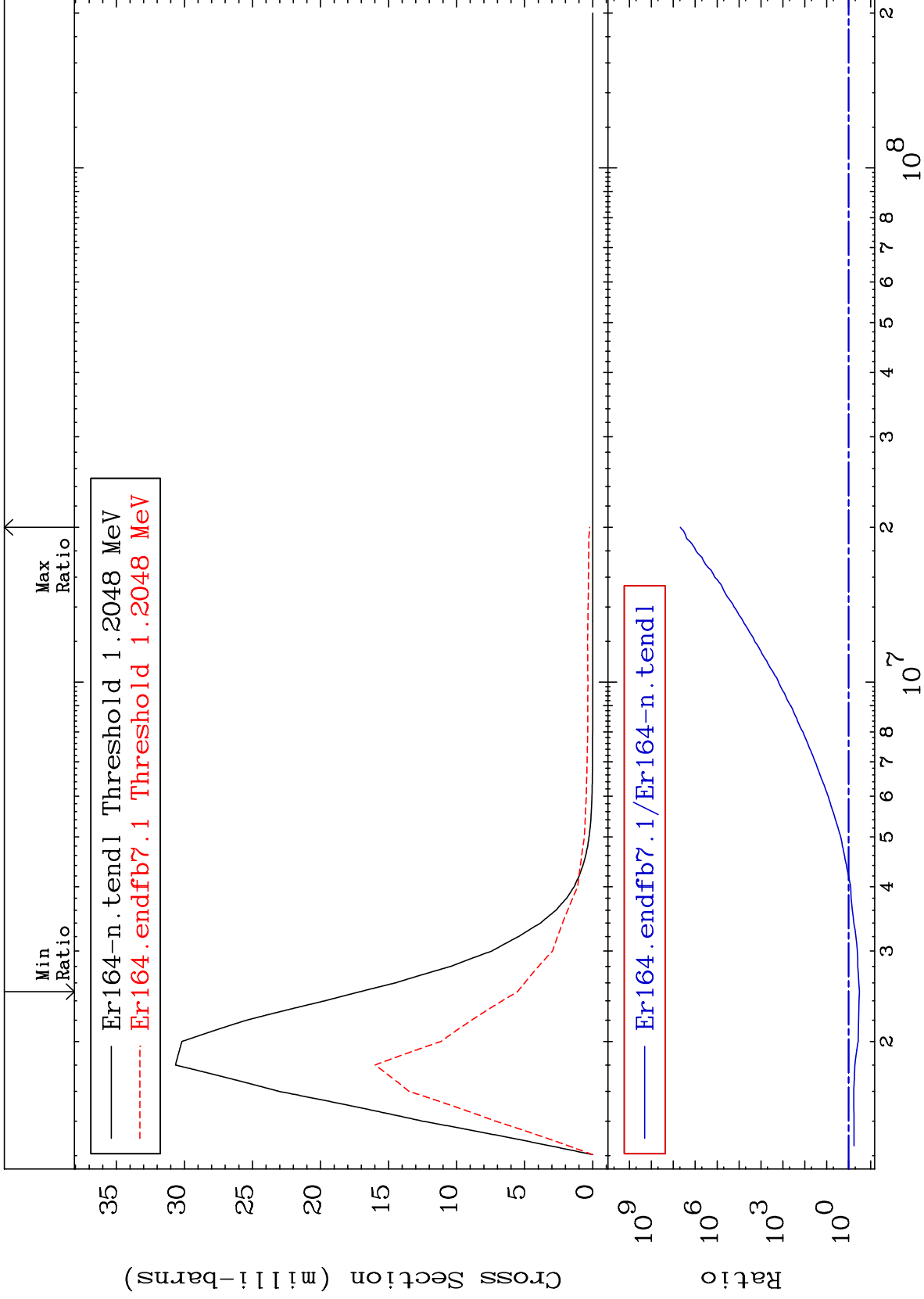
68-Er-164

14

MAT 6831

1.197 MeV (n,n') Level  
Cross Section

68-Er-164  
-67.72 To 9999. %



15

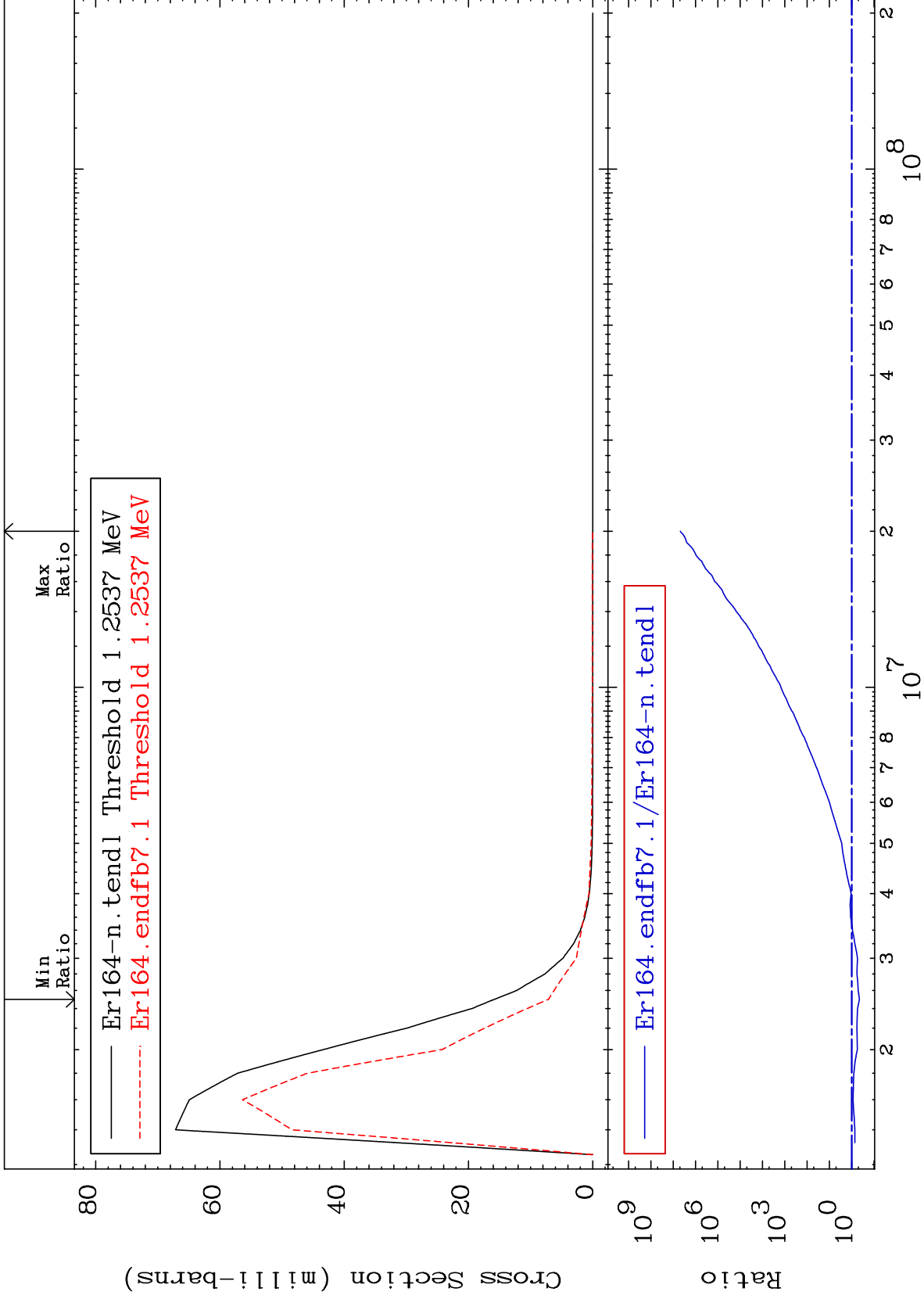
Incident Energy (eV)

68-Er-164

MAT 6831

1.246 MeV (n,n') Level  
Cross Section

68-Er-164  
-55.05 To 9999. %

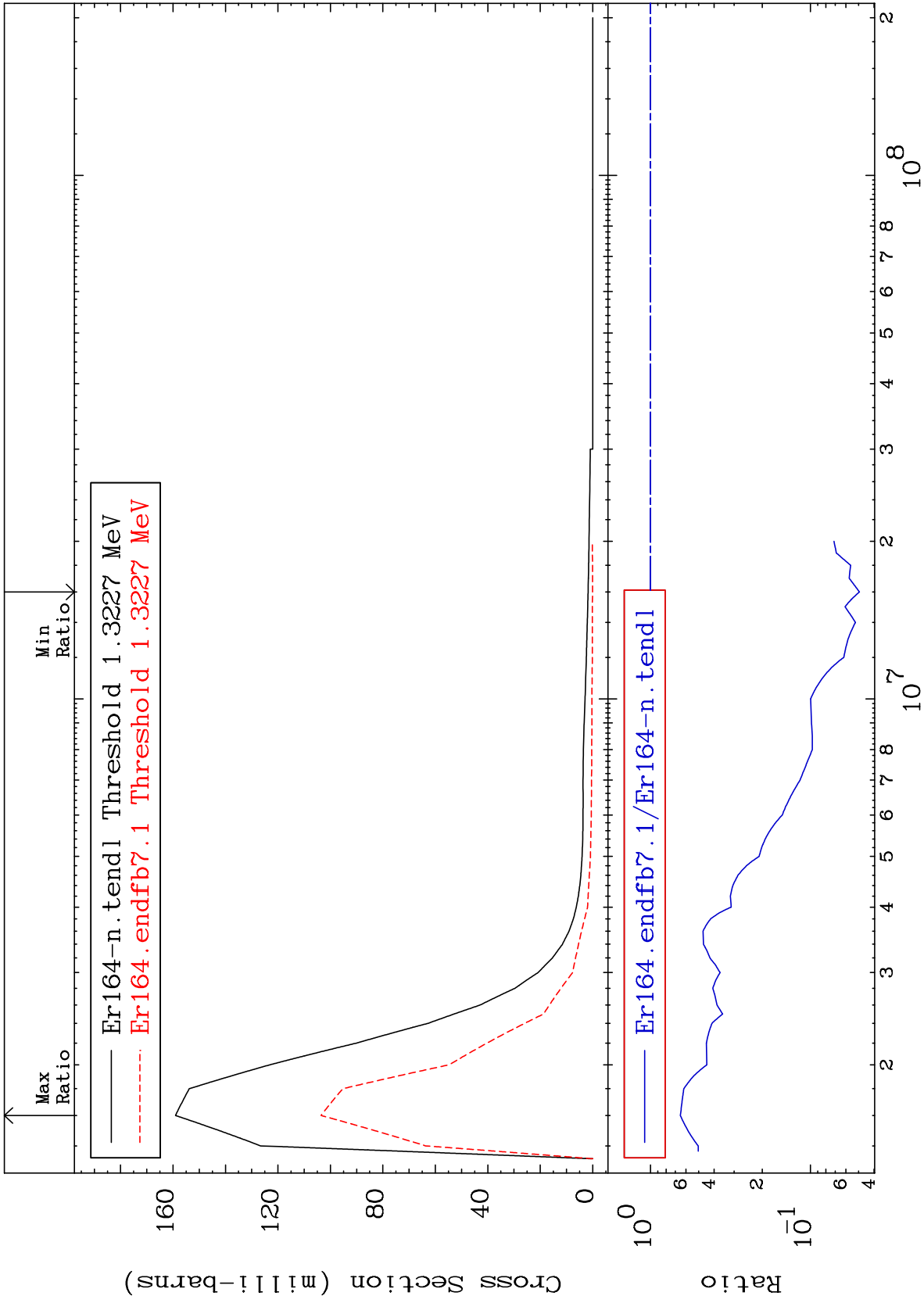




MAT 6831

1.315 MeV (n,n') Level  
Cross Section

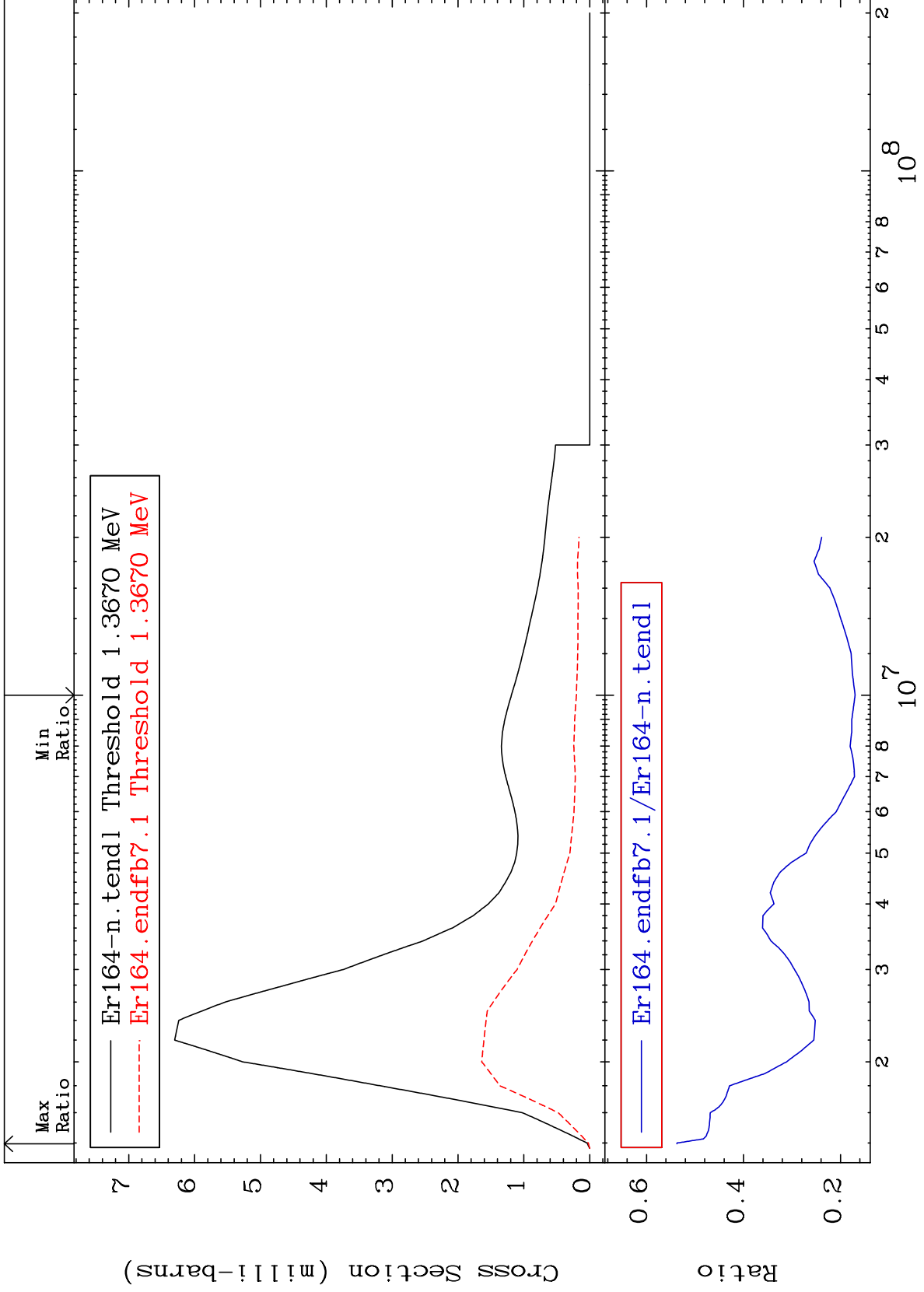
68-Er-164  
-95.06 To -34.89%



MAT 6831

1.359 MeV (n,n') Level  
Cross Section

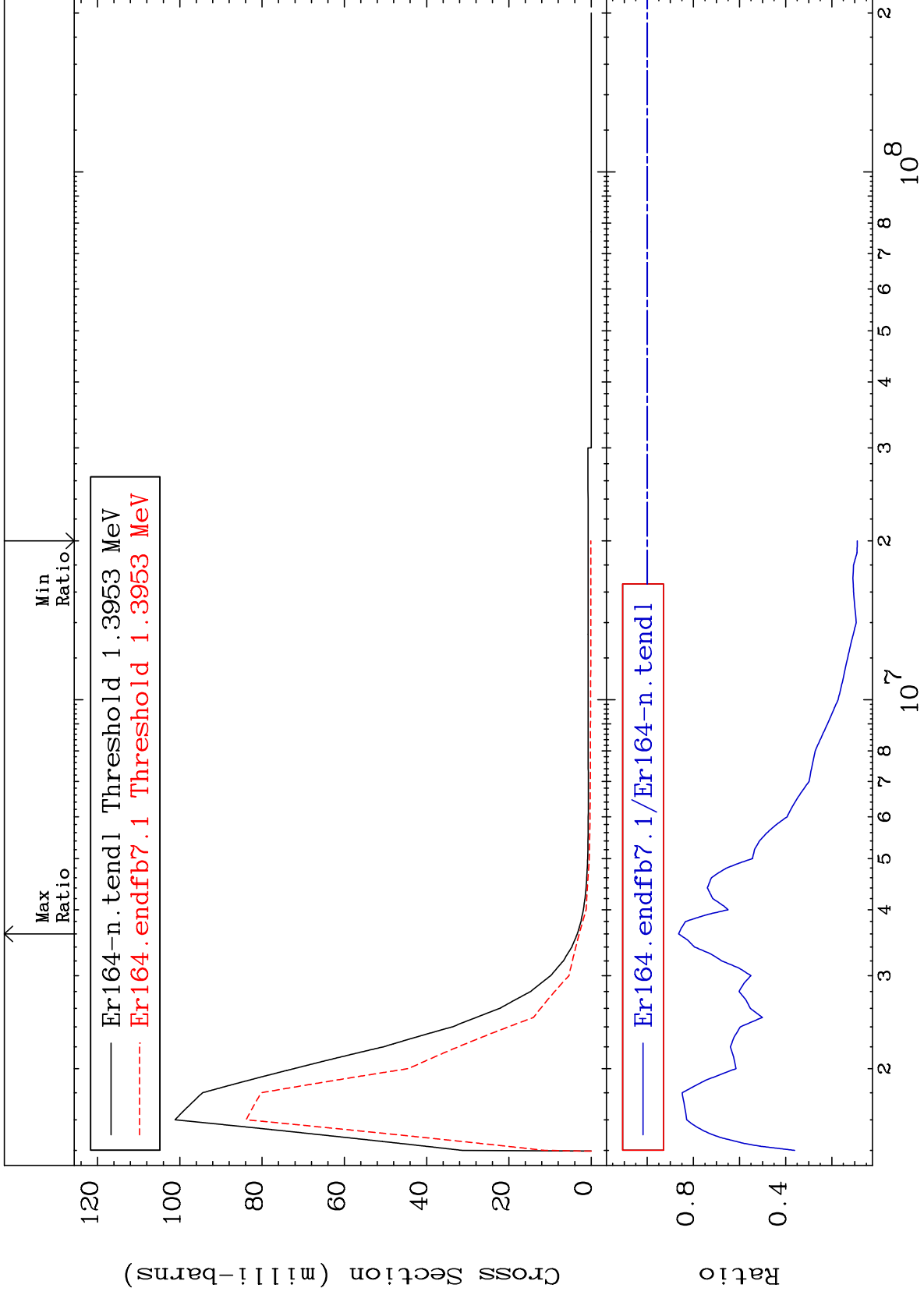
68-Er-164  
-83.01 To -46.27%



MAT 6831

1.387 MeV (n,n') Level  
Cross Section

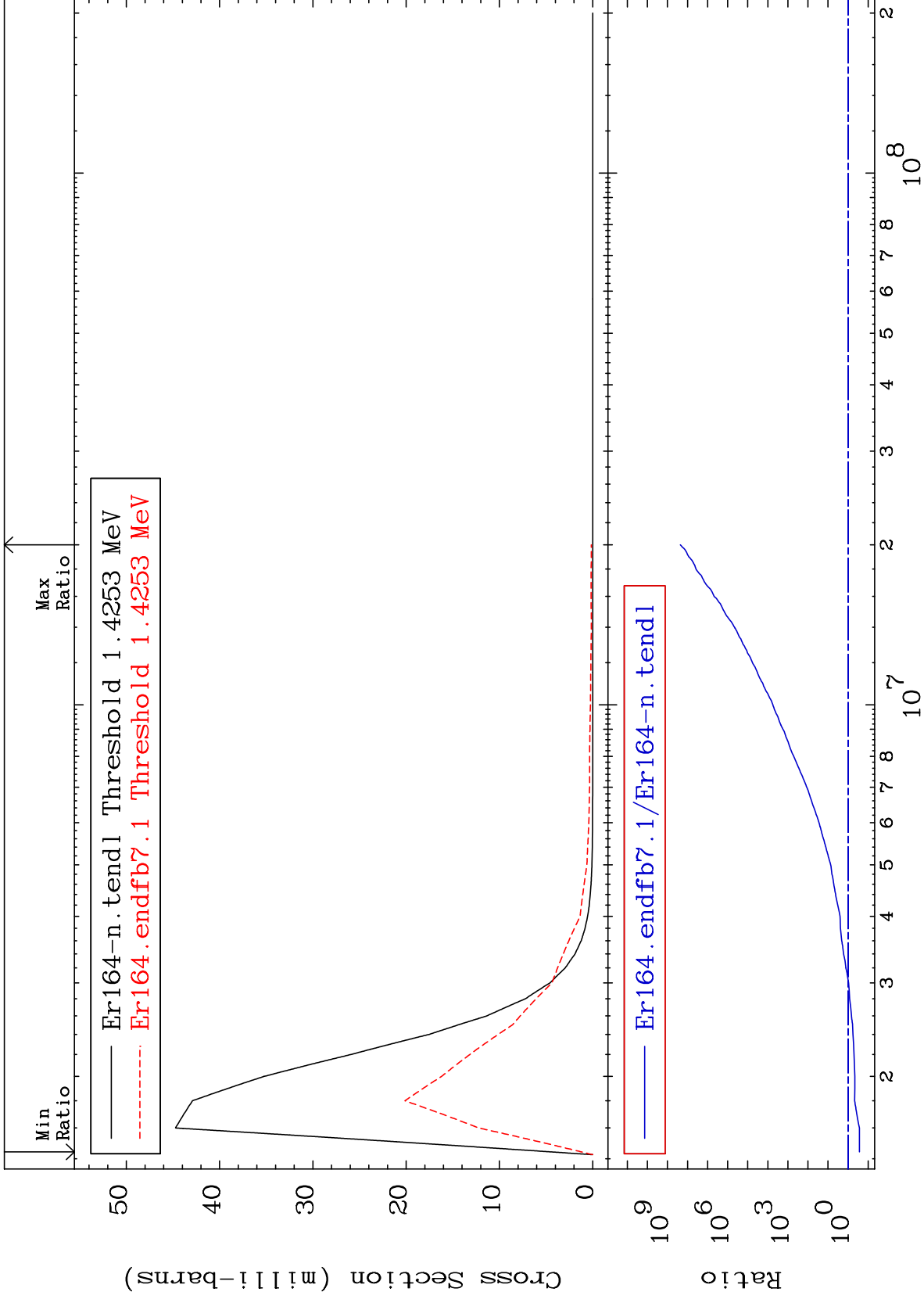
68-Er-164  
-91.05 To -13.60%



MAT 6831

1.417 MeV (n,n') Level  
Cross Section

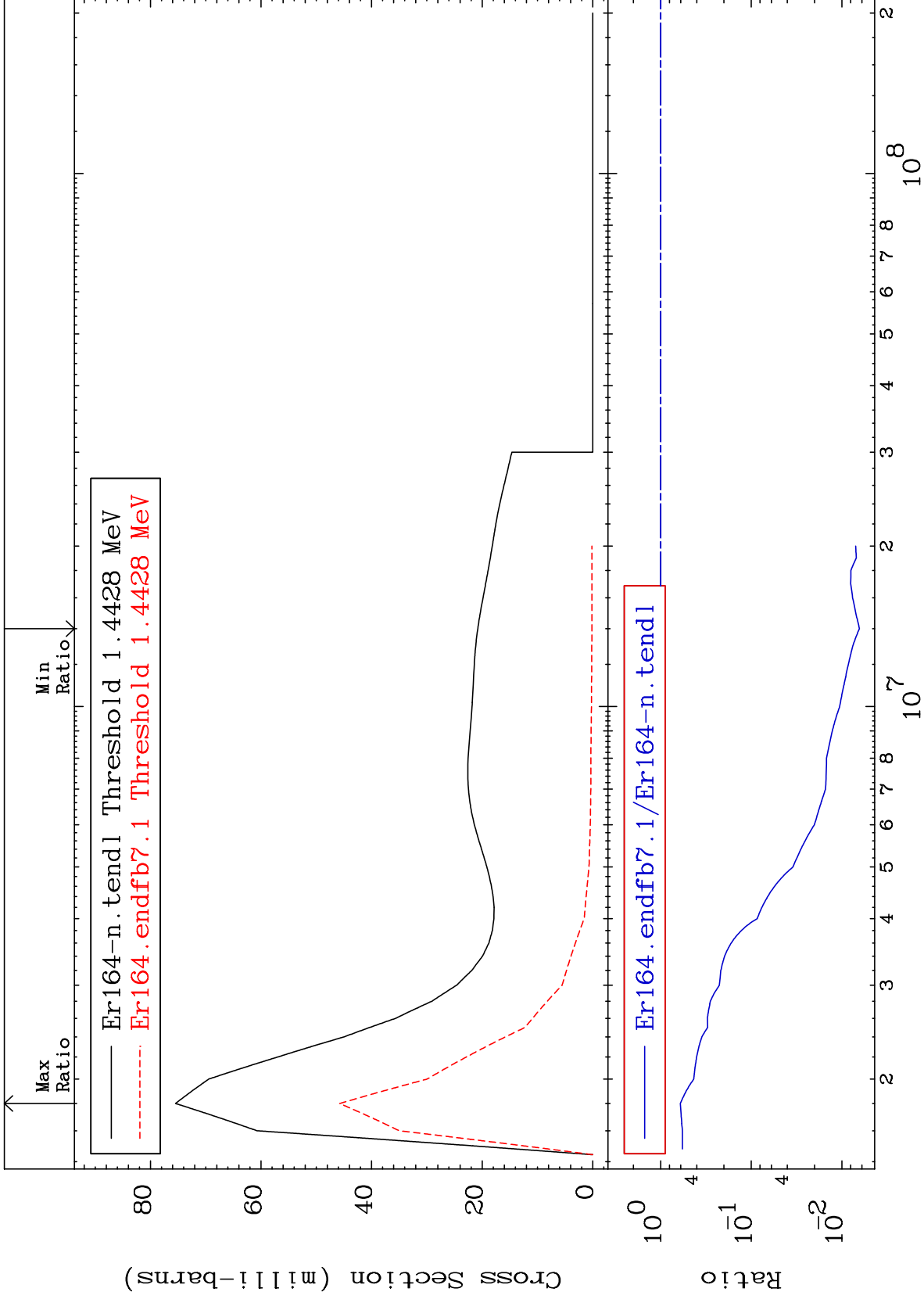
68-Er-164  
-72.76 To 9999. %



MAT 6831

1.434 MeV (n,n') Level  
Cross Section

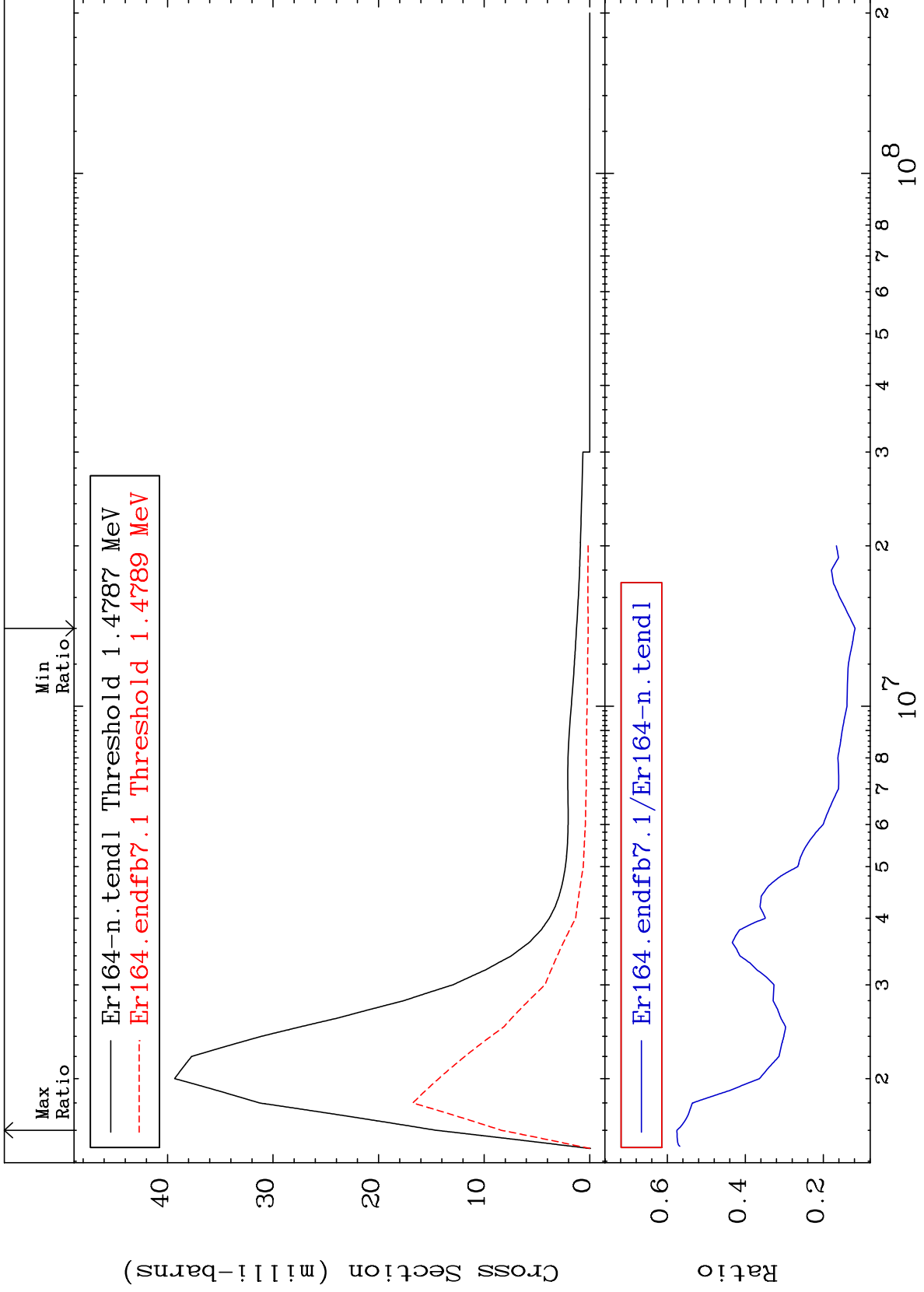
68-Er-164  
-99.36 To -39.35%



MAT 6831

1.470 MeV (n,n') Level  
Cross Section

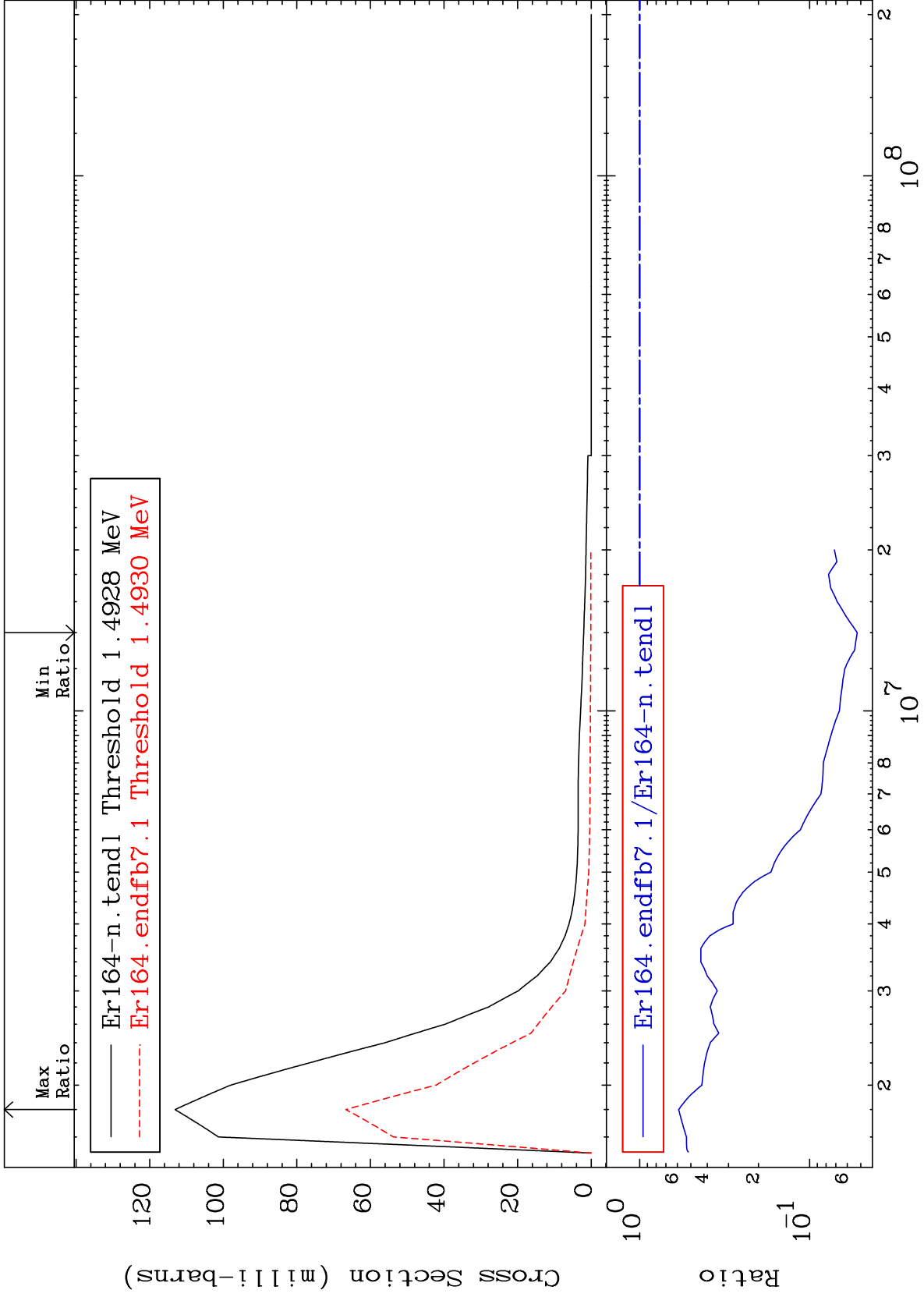
68-Er-164  
-88.15 To -42.45%



MAT 6831

1.484 MeV (n,n') Level  
Cross Section

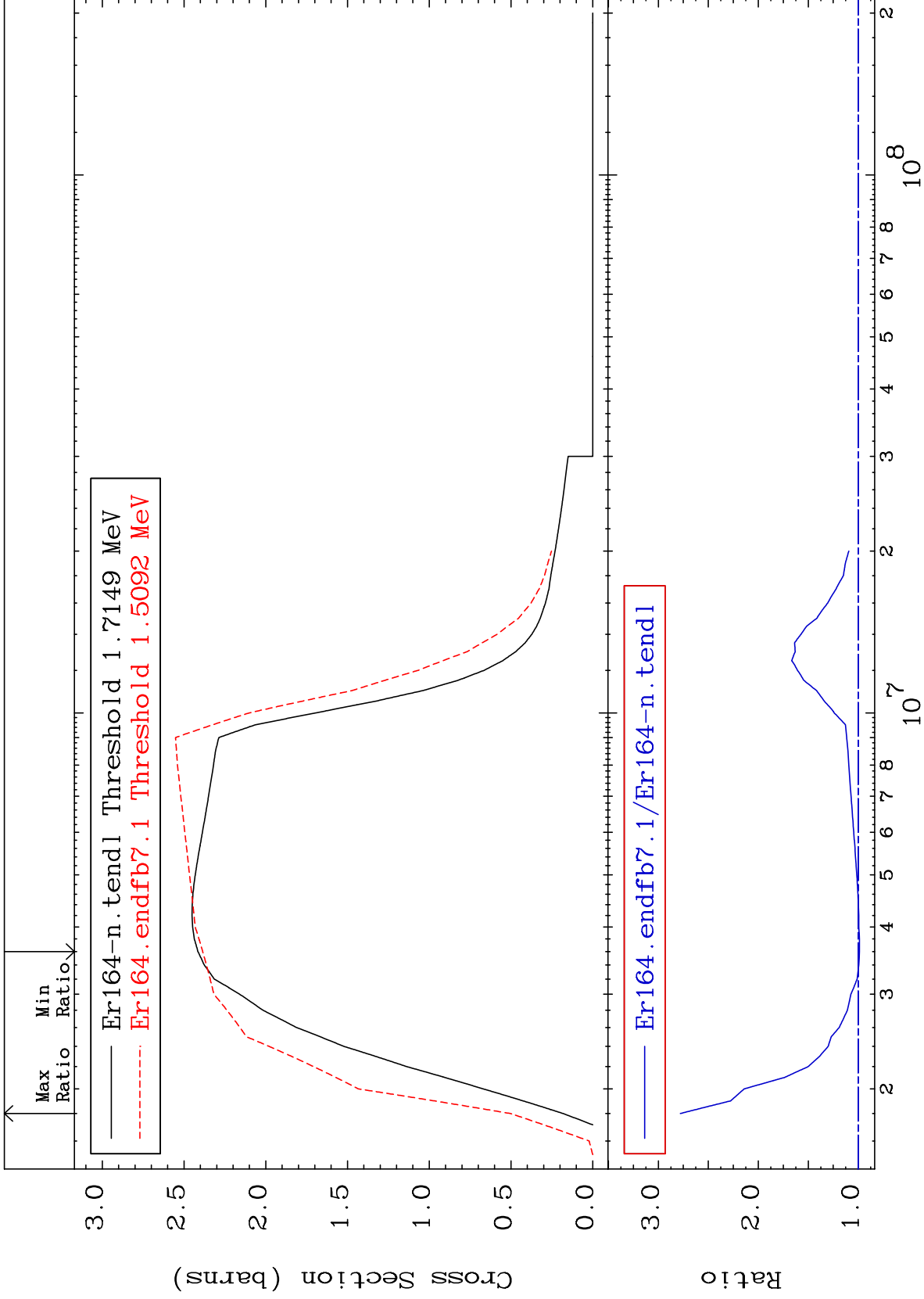
68-Er-164  
-94.76 To -41.04%



MAT 6831

(n, n') Continuum  
Cross Section

68-Er-164  
-1.199 To 178.0 %

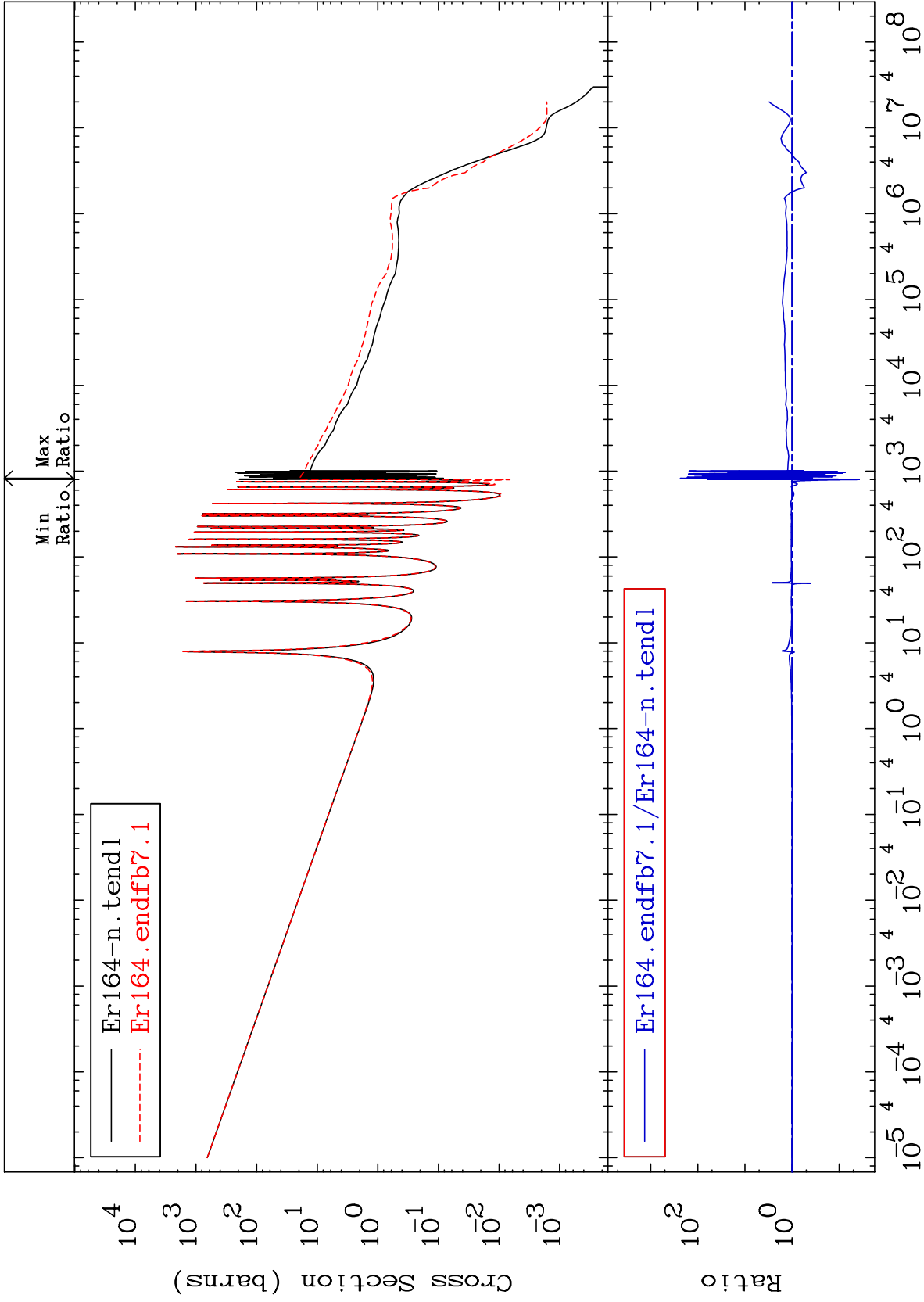




MAT 6831

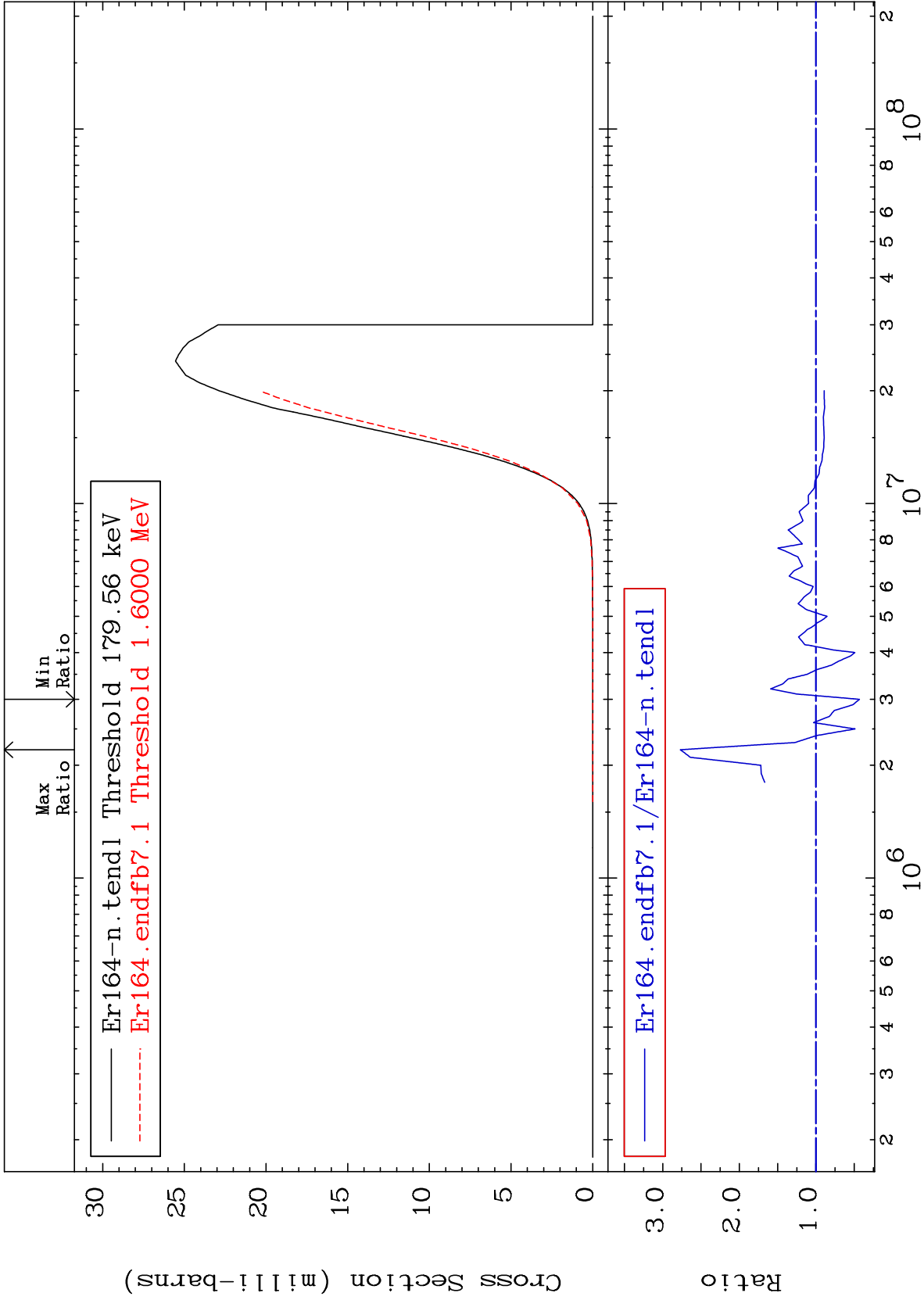
(n,  $\gamma$ )  
Cross Section

68-Er-164  
-96.30 To 9999. %



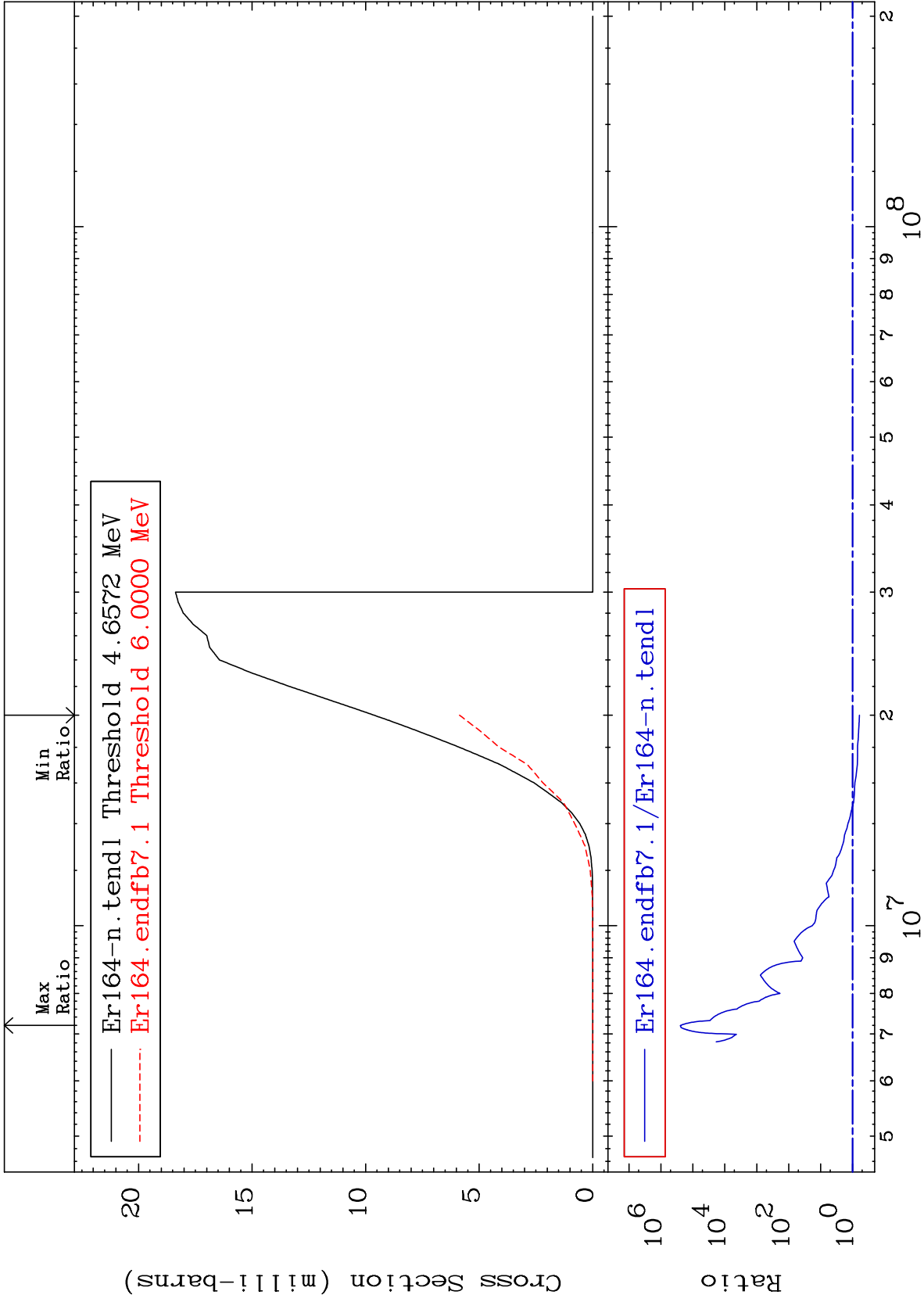
Cross Section

-56.77 To 177.0 %



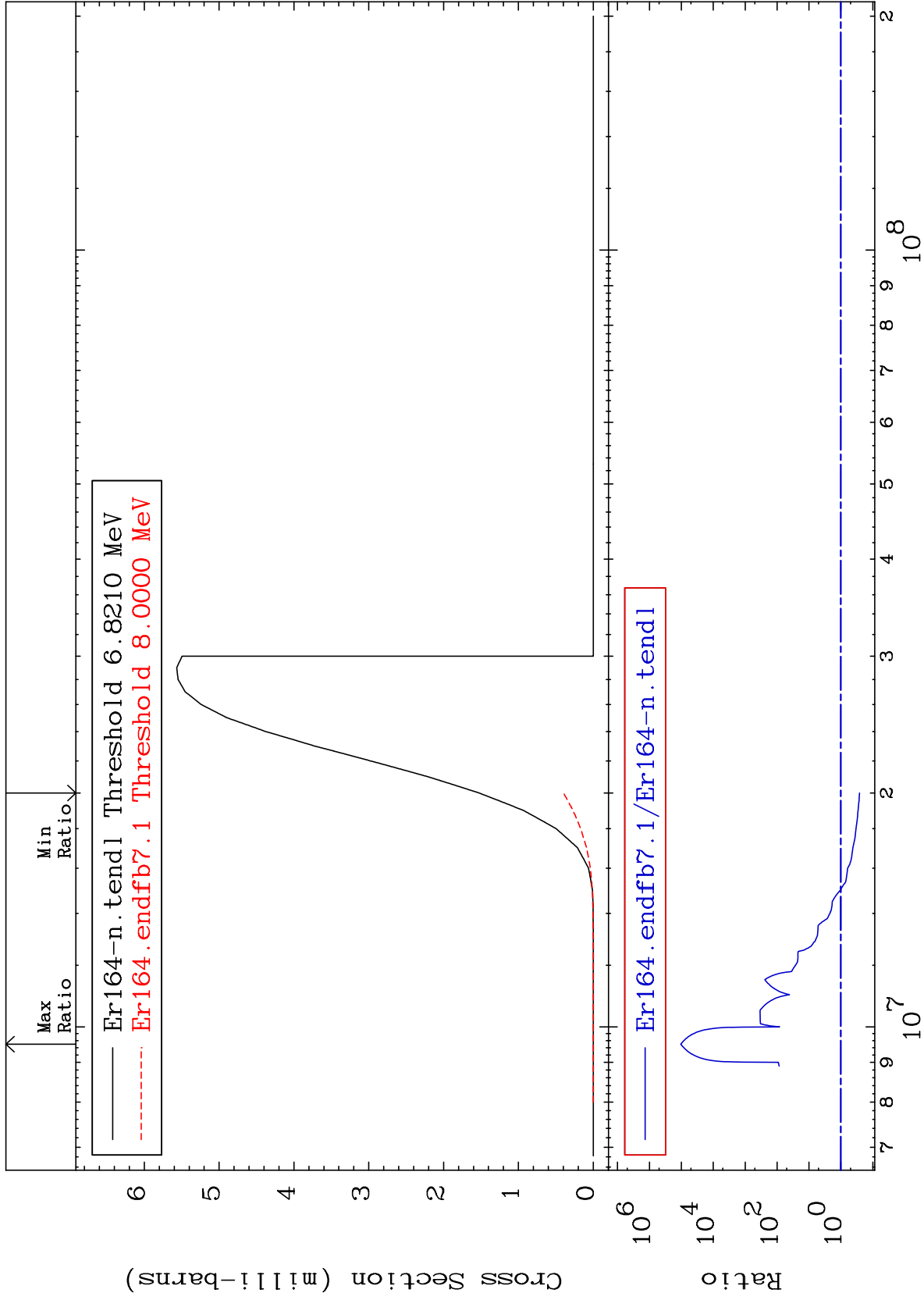
Cross Section

-39.04 To 9999. %



Cross Section

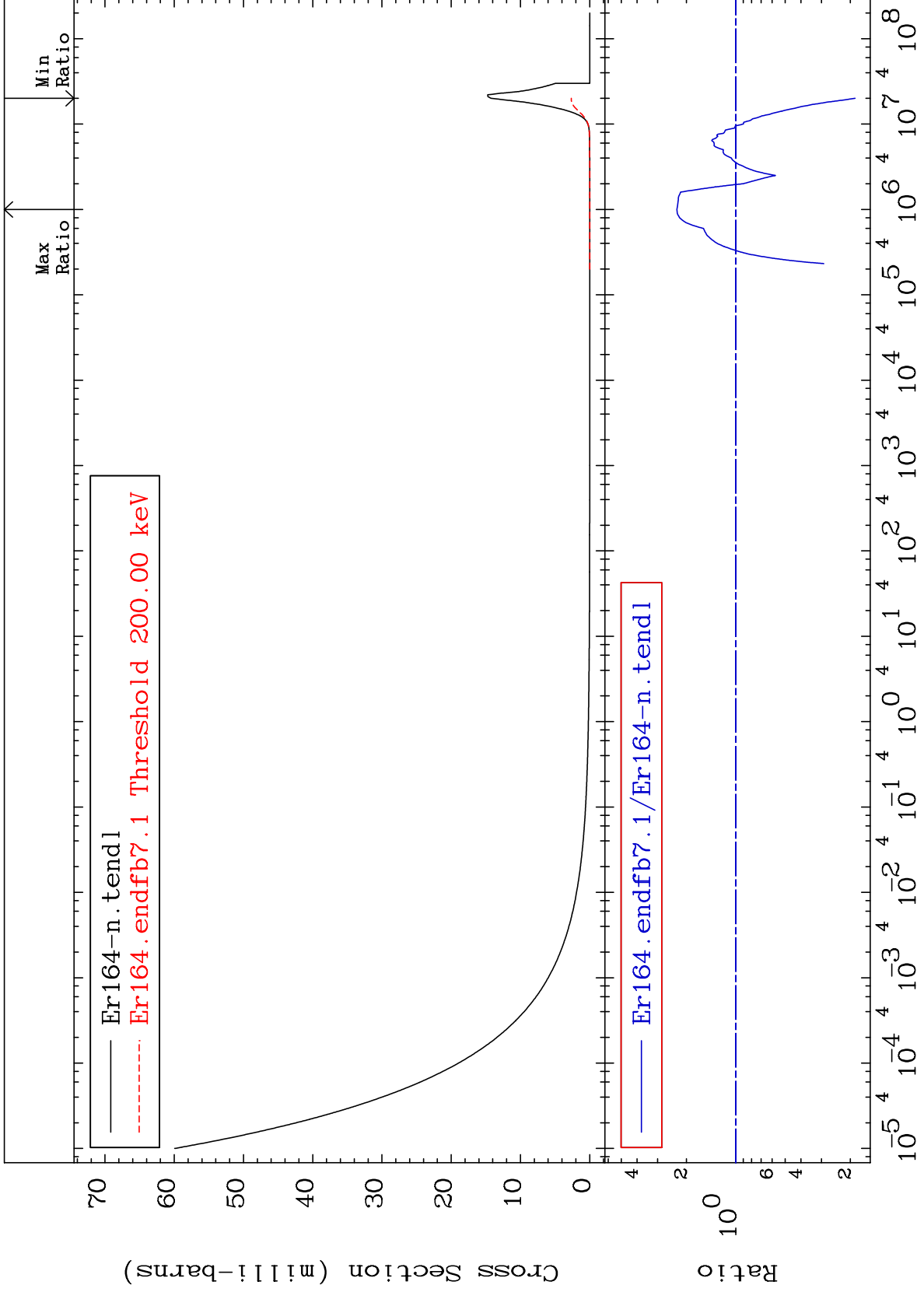
-73.97 To 9999. %



MAT 6831

(n,  $\alpha$ )  
Cross Section

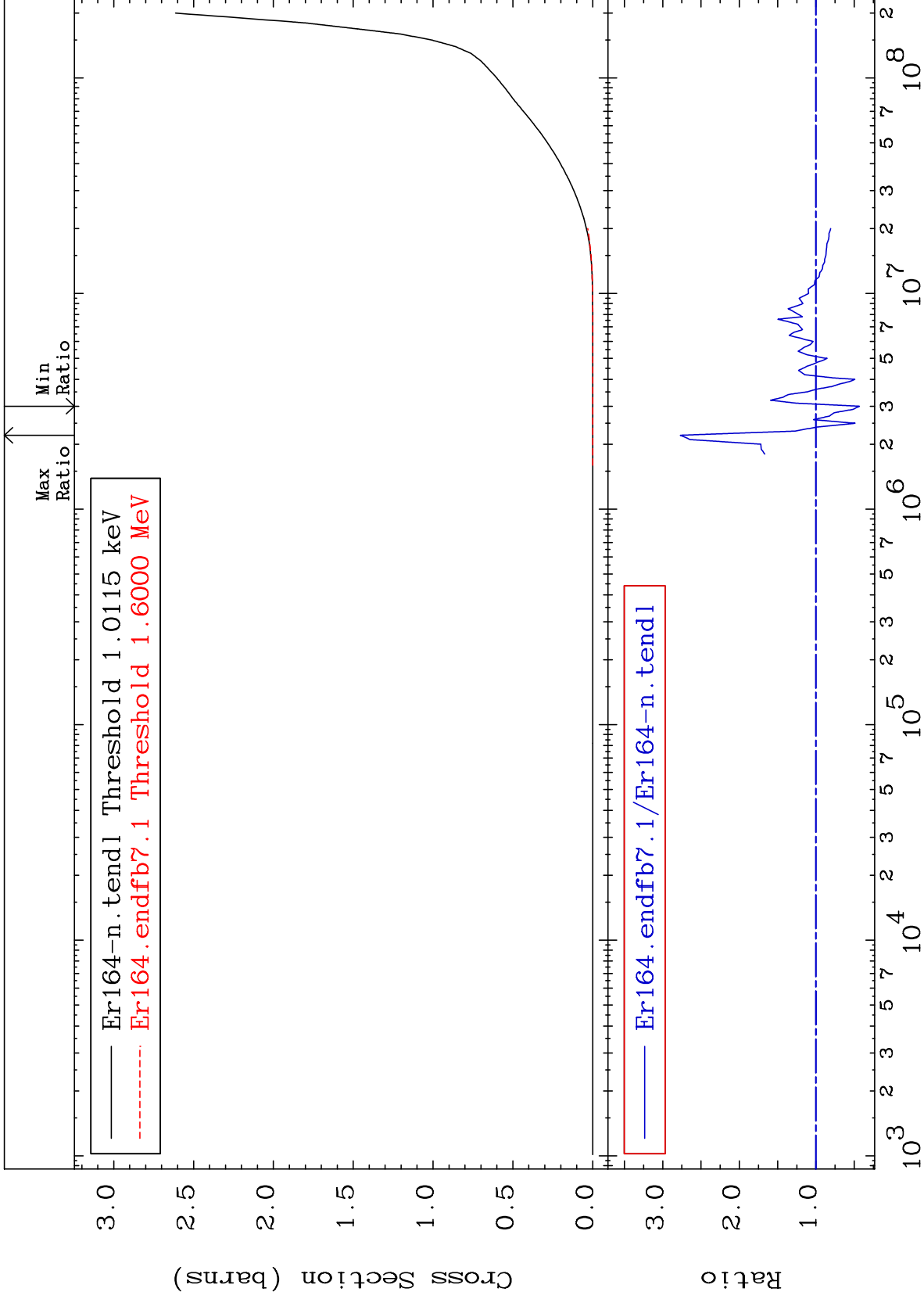
68-Er-164  
-81.29 To 128.7 %



29

Incident Energy (eV)

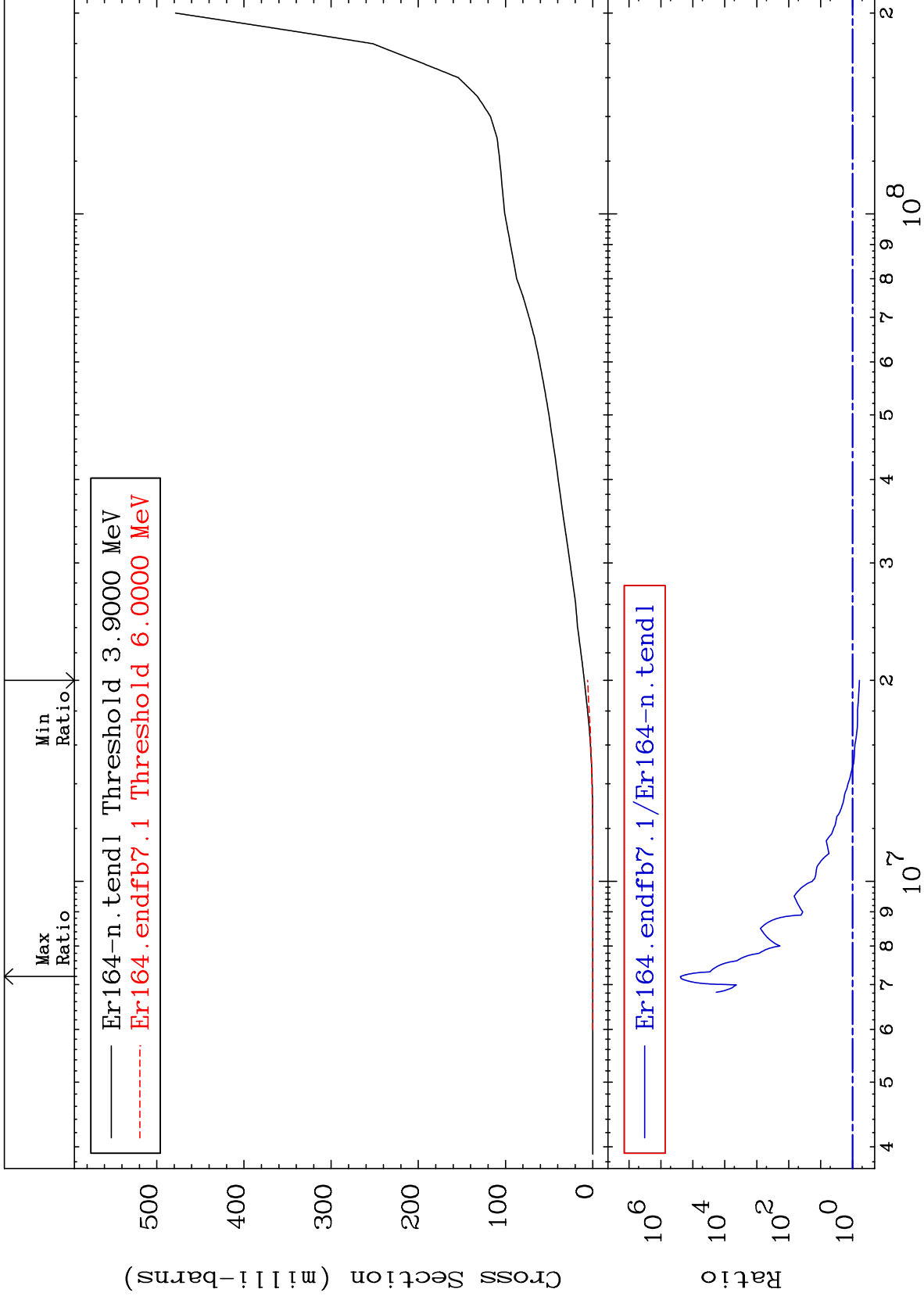
68-Er-164



MAT 6831

Deuterium Production  
Cross Section

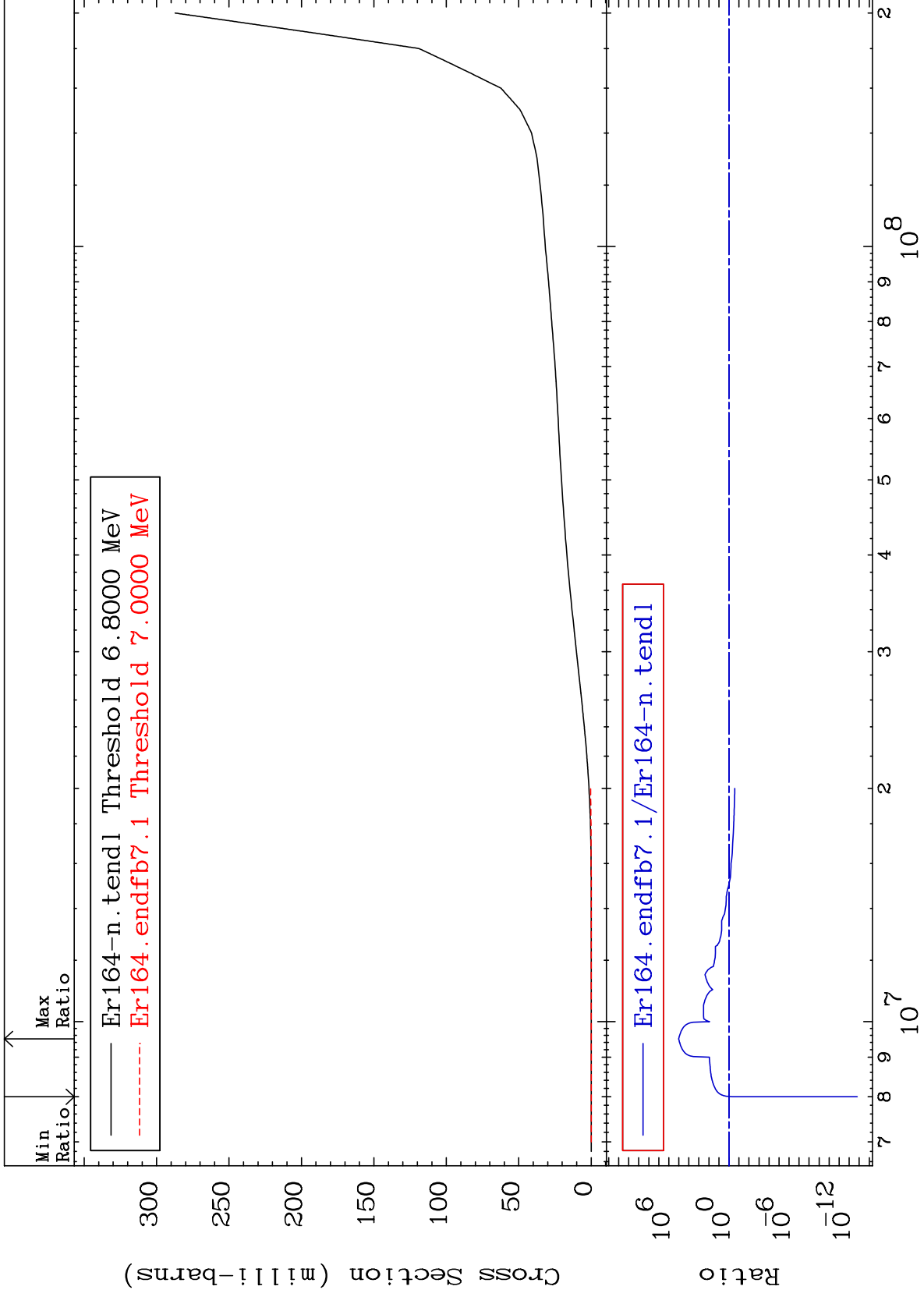
68-Er-164  
-39.07 To 9999. %



MAT 6831

Tritium Production  
Cross Section

68-Er-164  
-100.0 To 9999. %

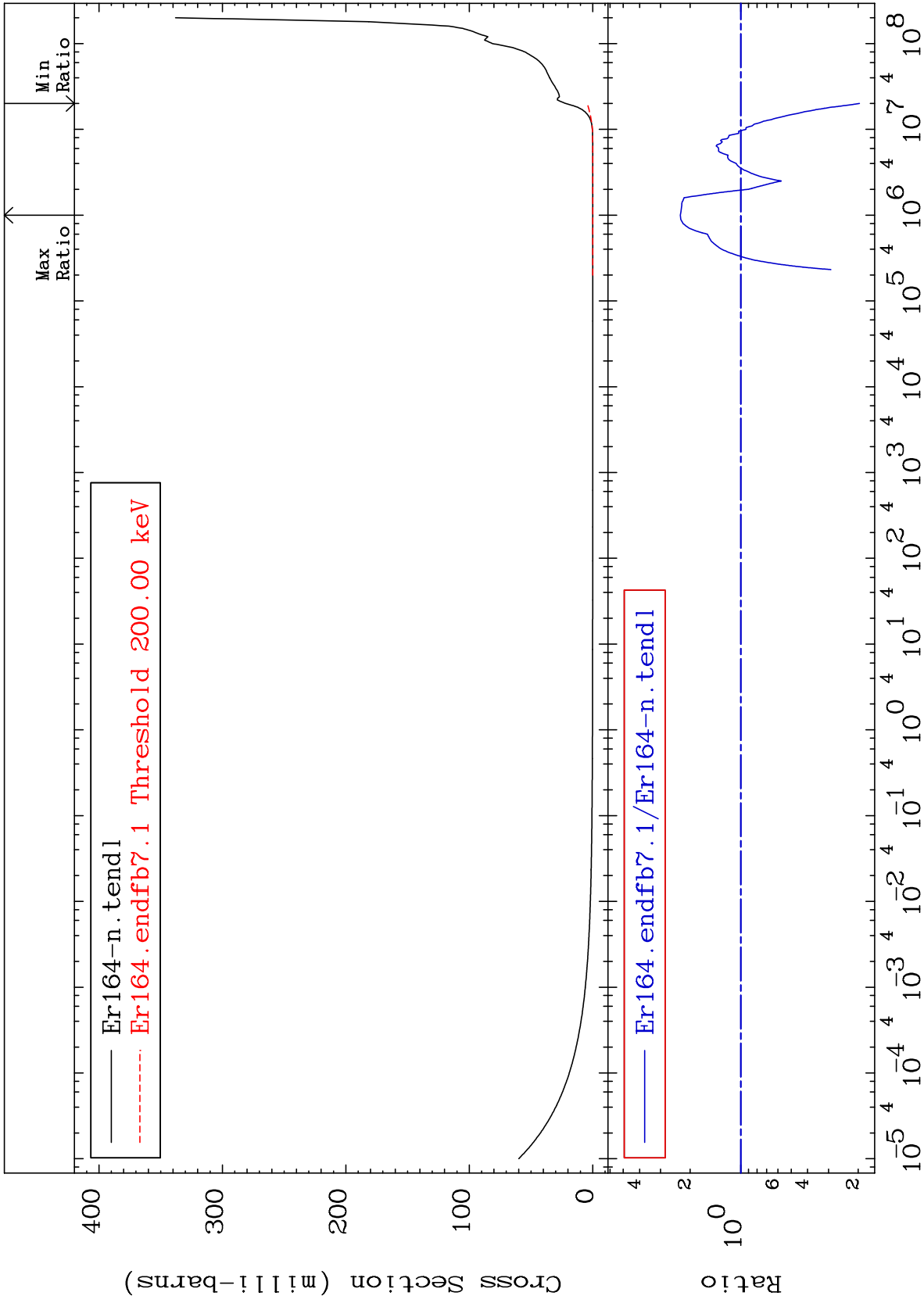




MAT 6831

He-4 Production  
Cross Section

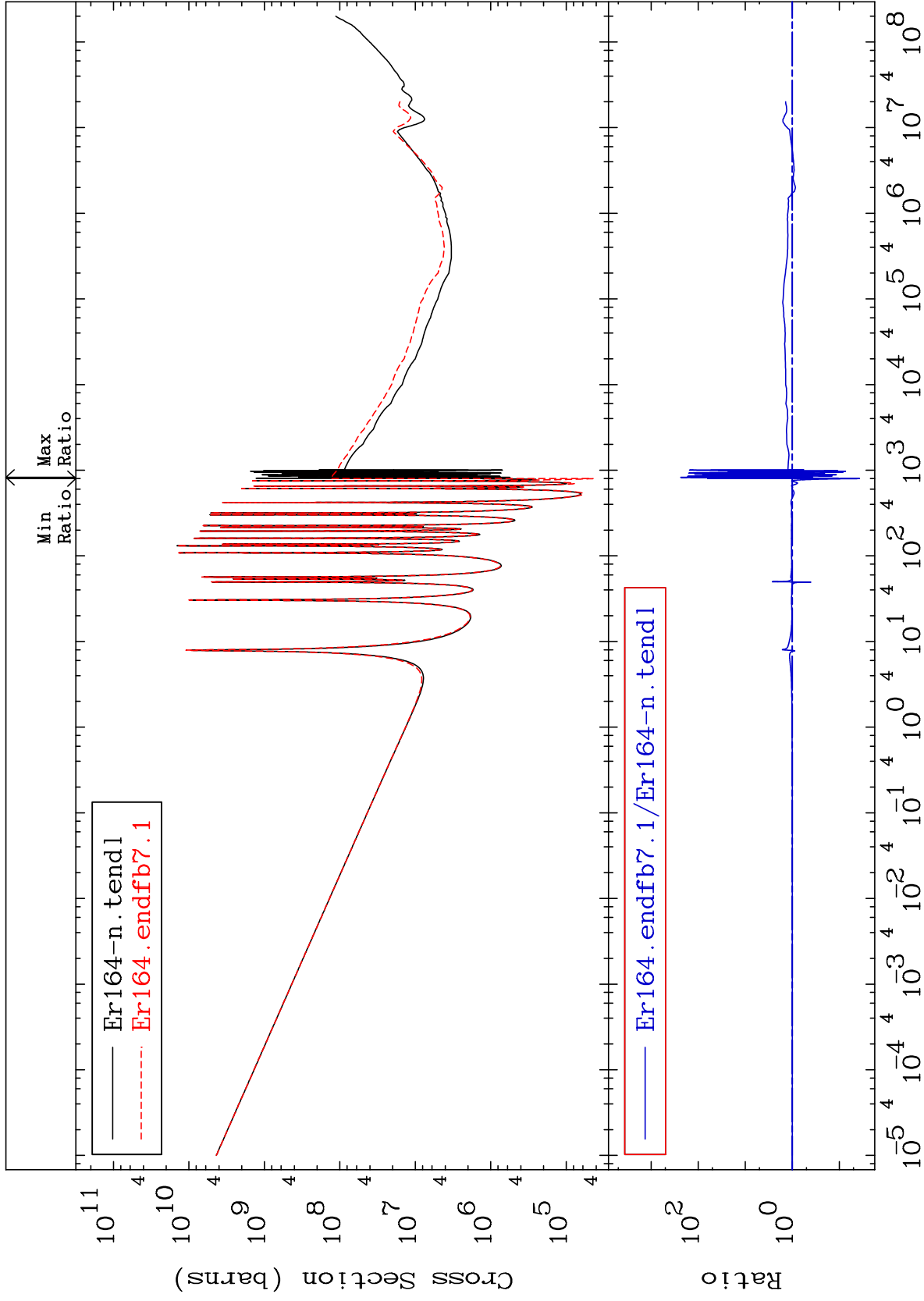
68-Er-164  
-80.35 To 128.7 %



Incident Energy (eV)

68-Er-164

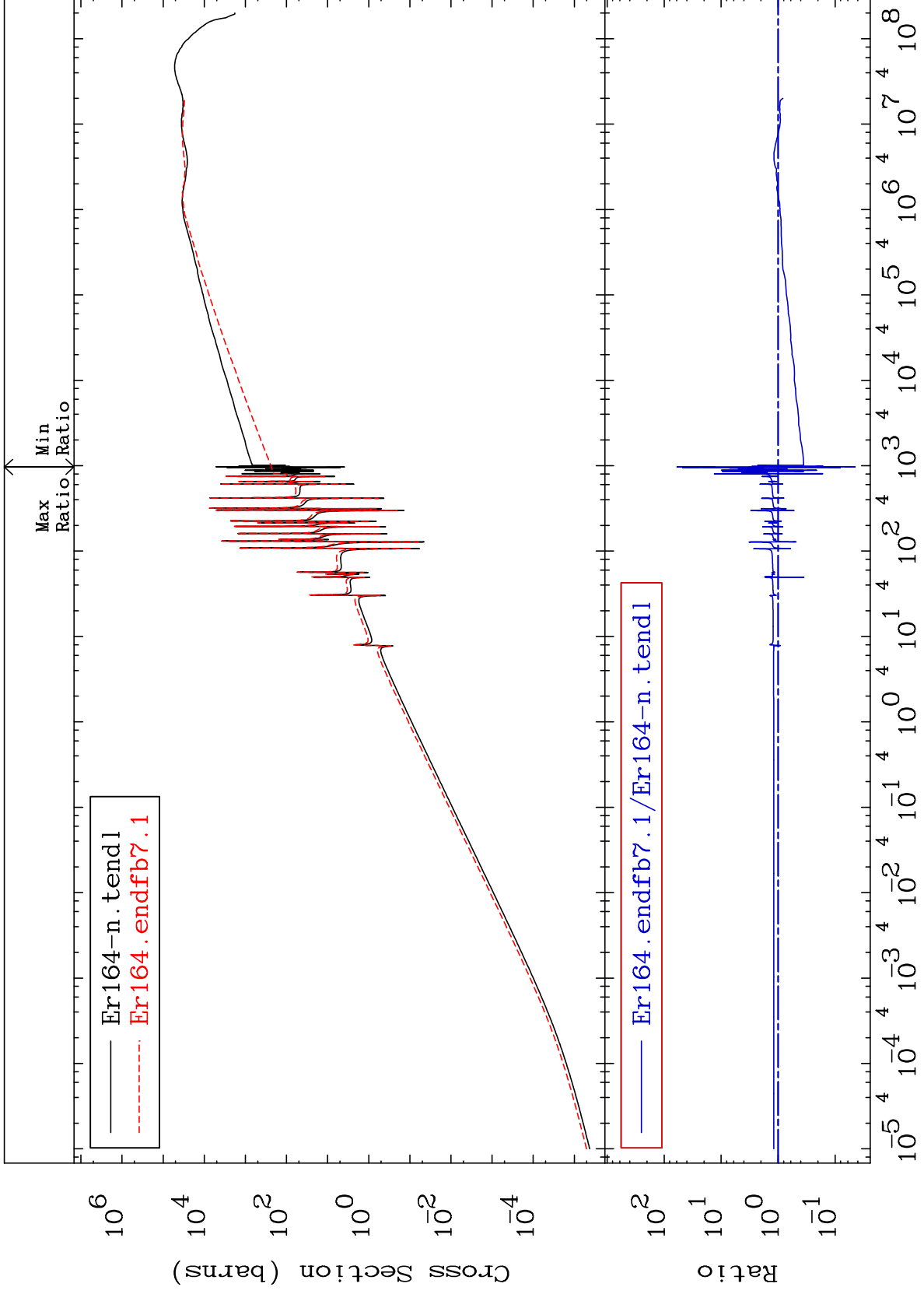
33

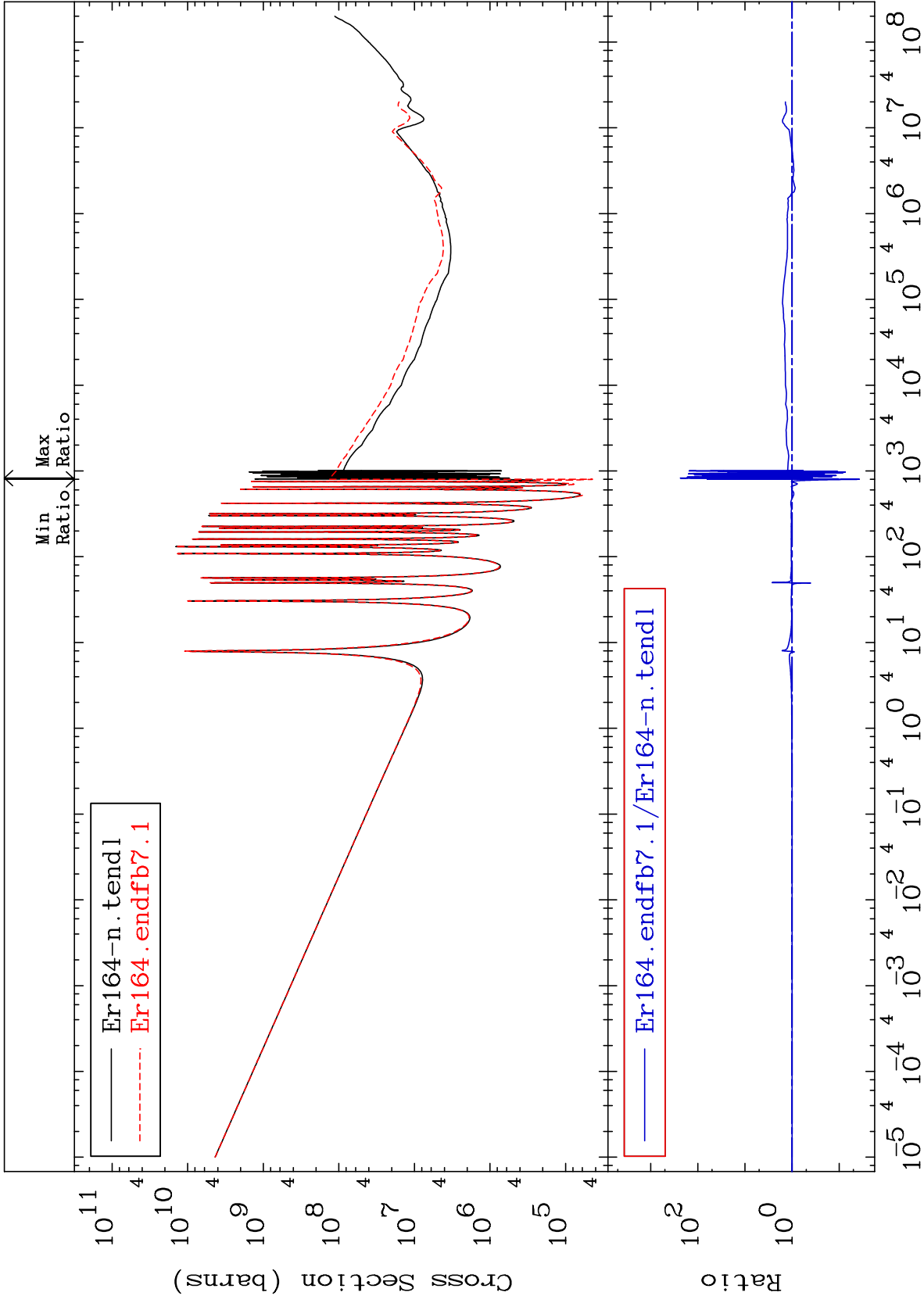


MAT 6831

Kerma elastic  
Cross Section

68-Er-164  
-95.53 To 5864. %

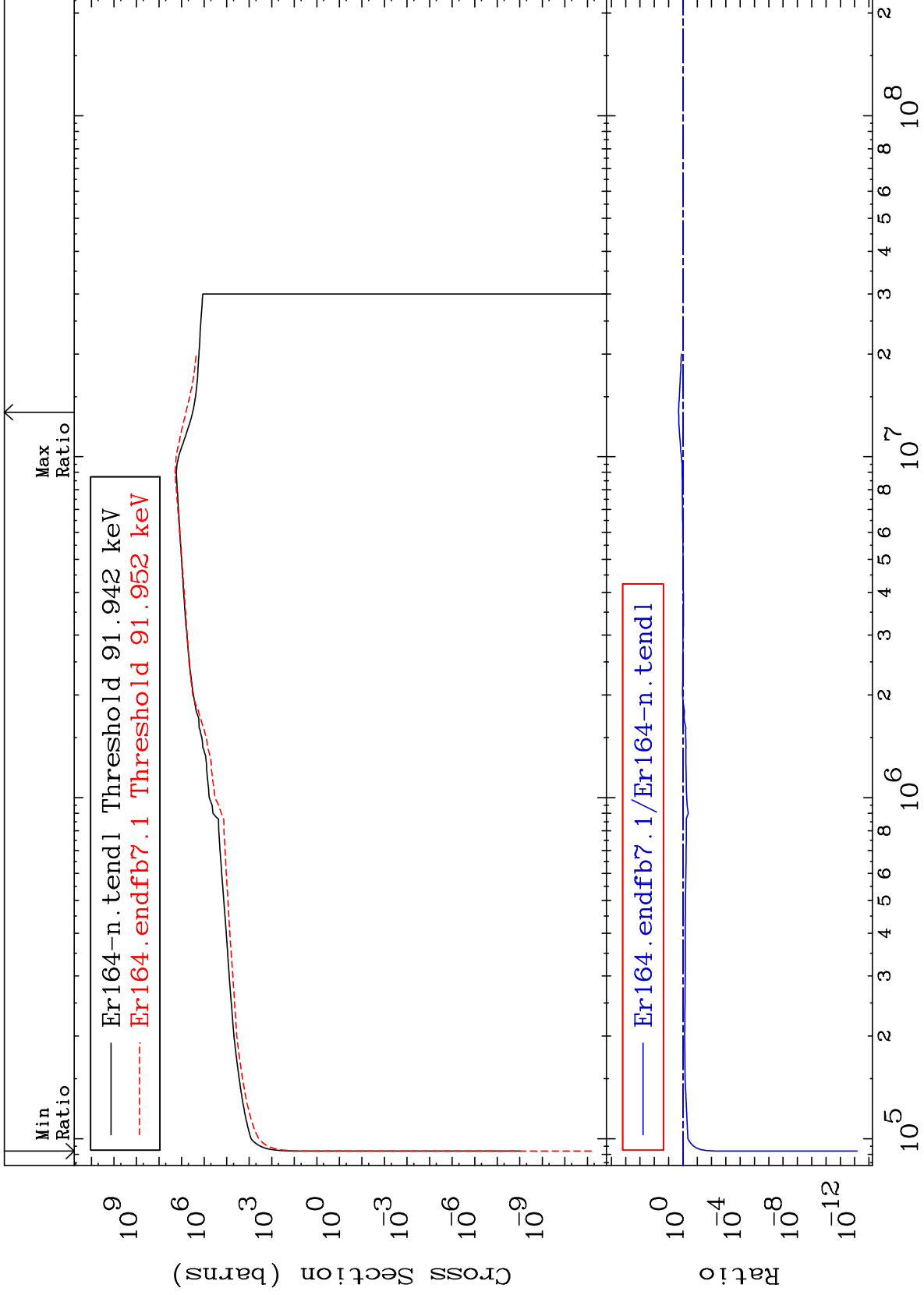




MAT 6831

Kerma inelastic (mt51-91)  
Cross Section

68-Er-164  
-100.0 To 99.46 %



37

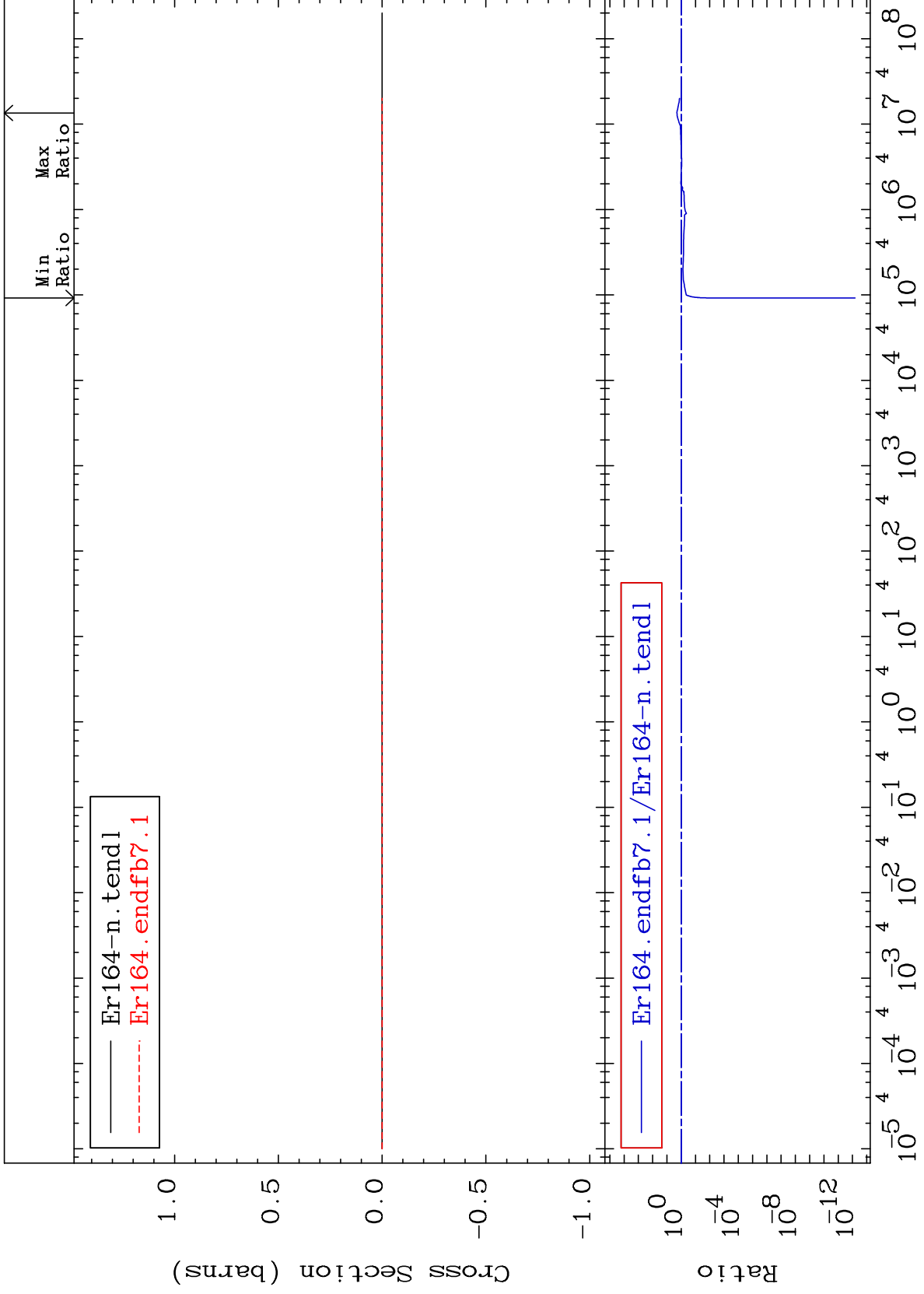
Incident Energy (eV)

68-Er-164

MAT 6831

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

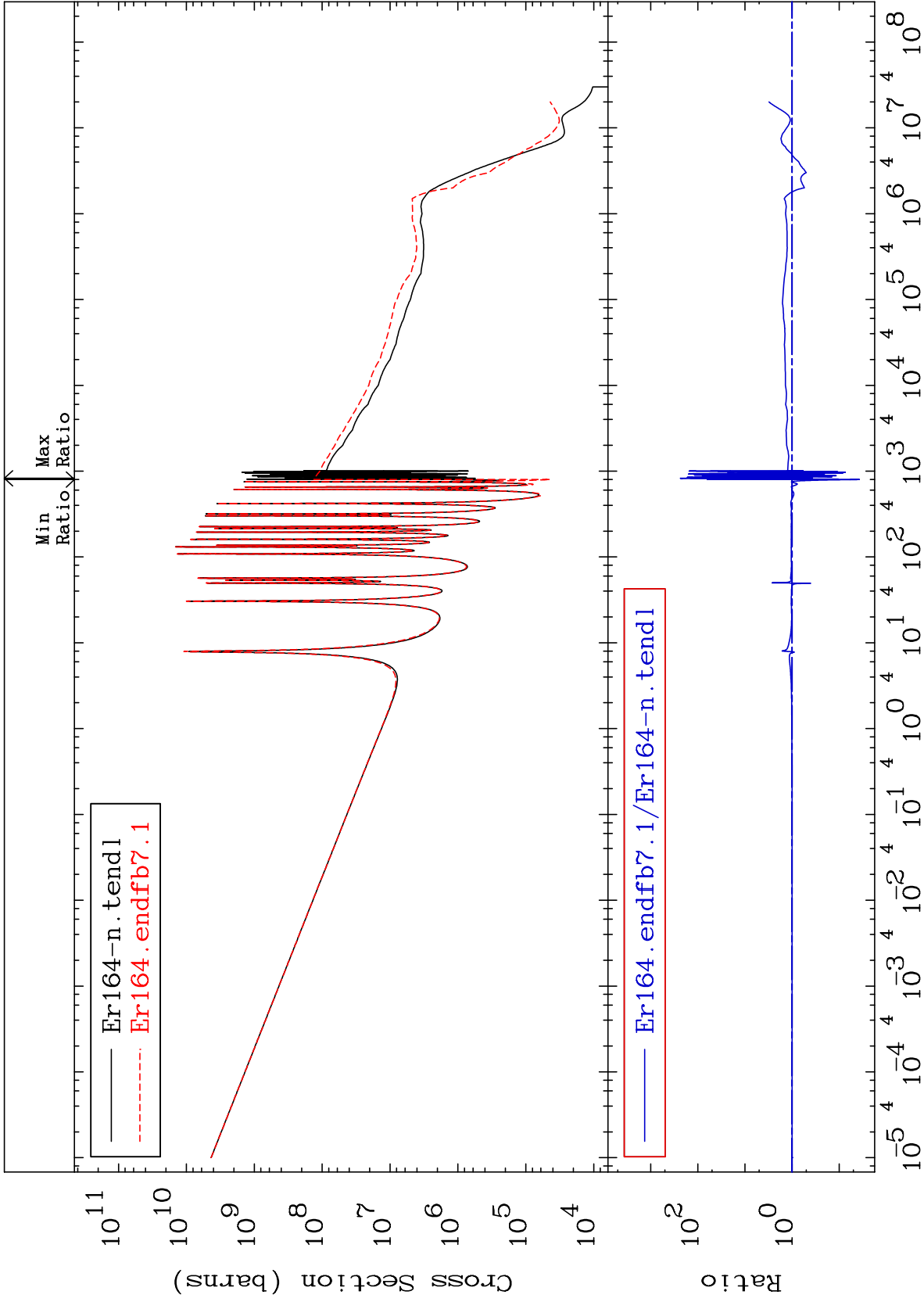
68-Er-164  
-100.0 To 99.46 %



MAT 6831

Kerma capture (mt102)  
Cross Section

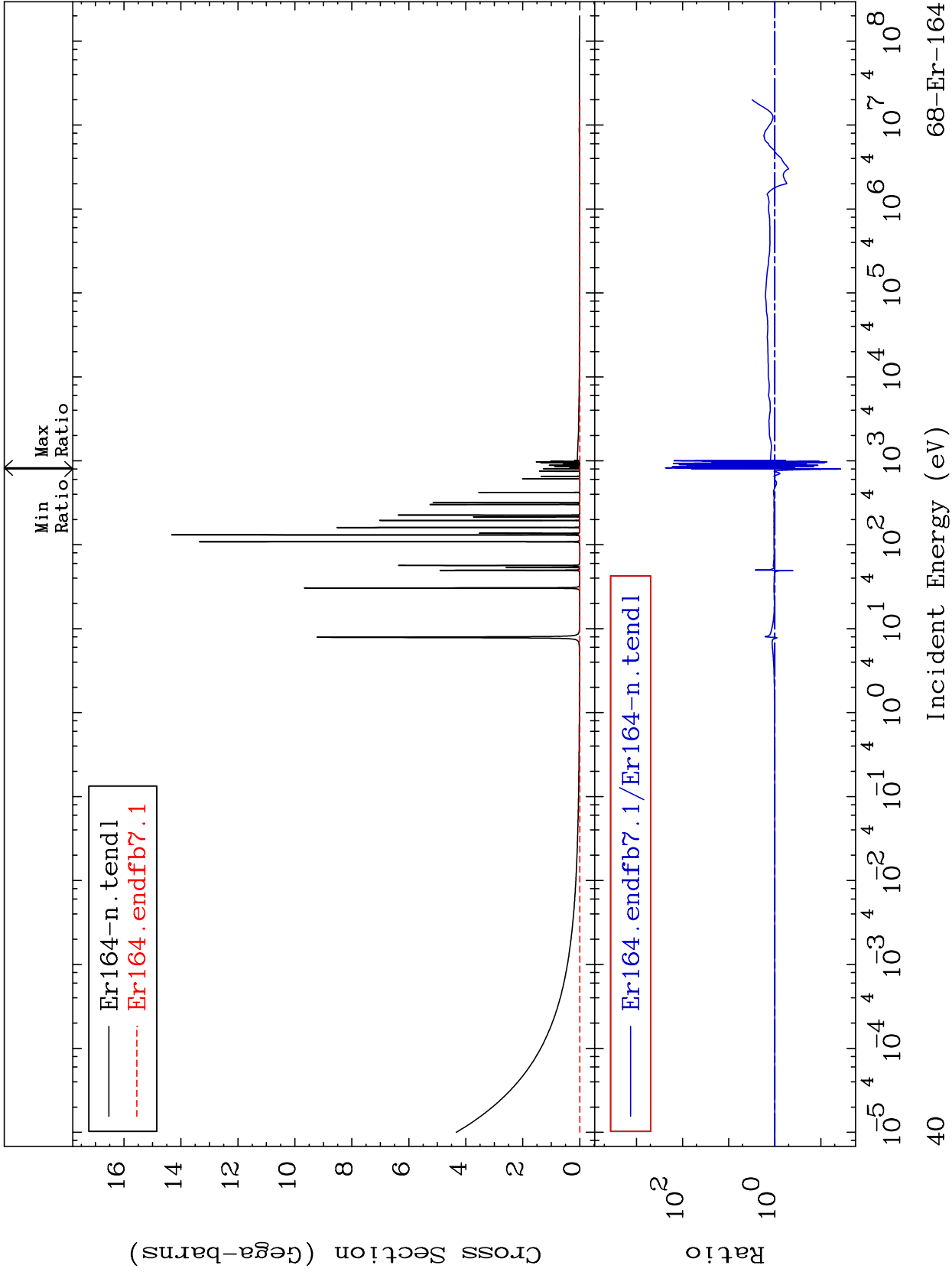
68-Er-164  
-96.30 To 9999. %



MAT 6831

Total photon (eV-barns)  
Cross Section

68-Er-164  
-96.30 To 9999. %

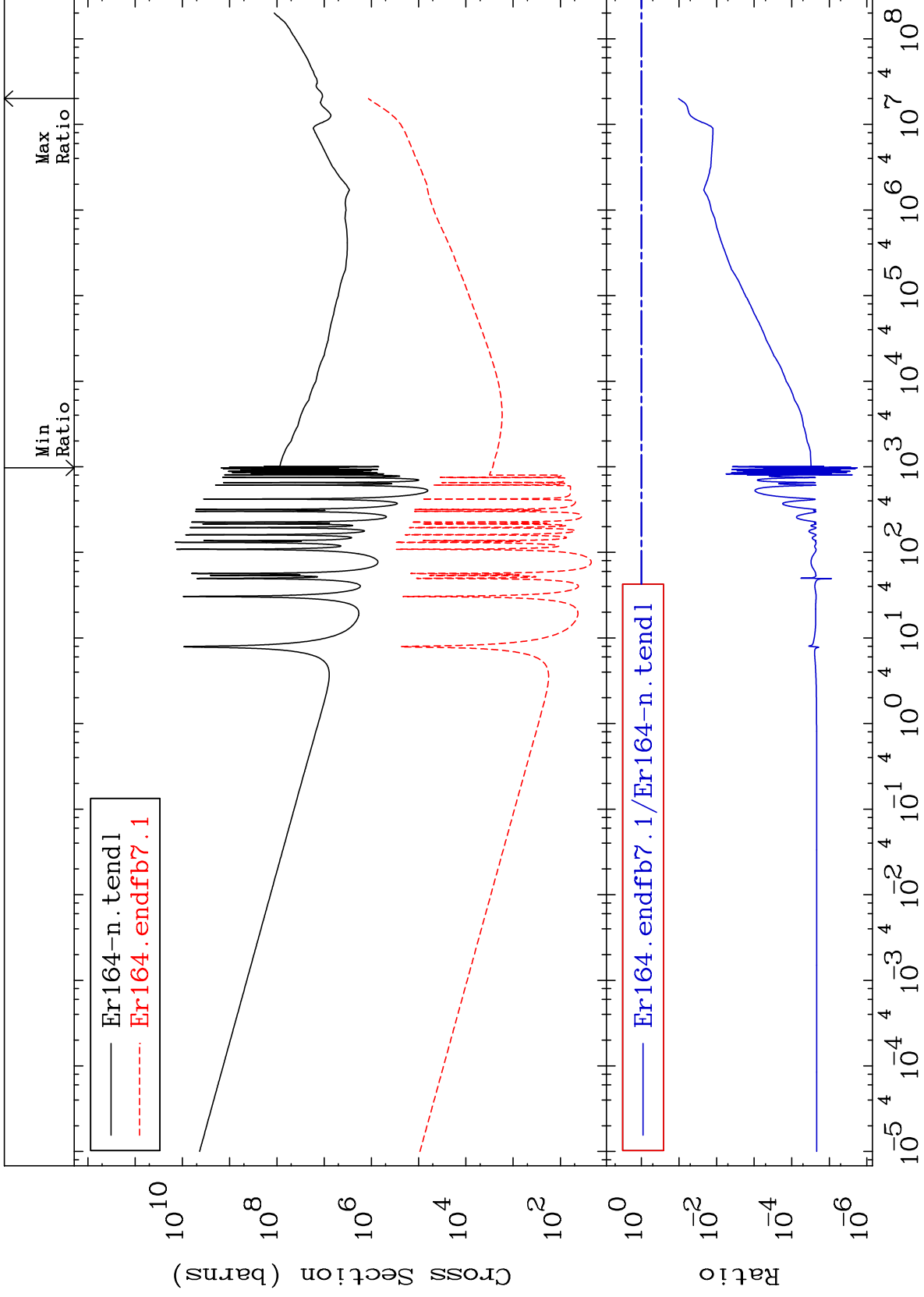


40

Incident Energy (eV)

68-Er-164

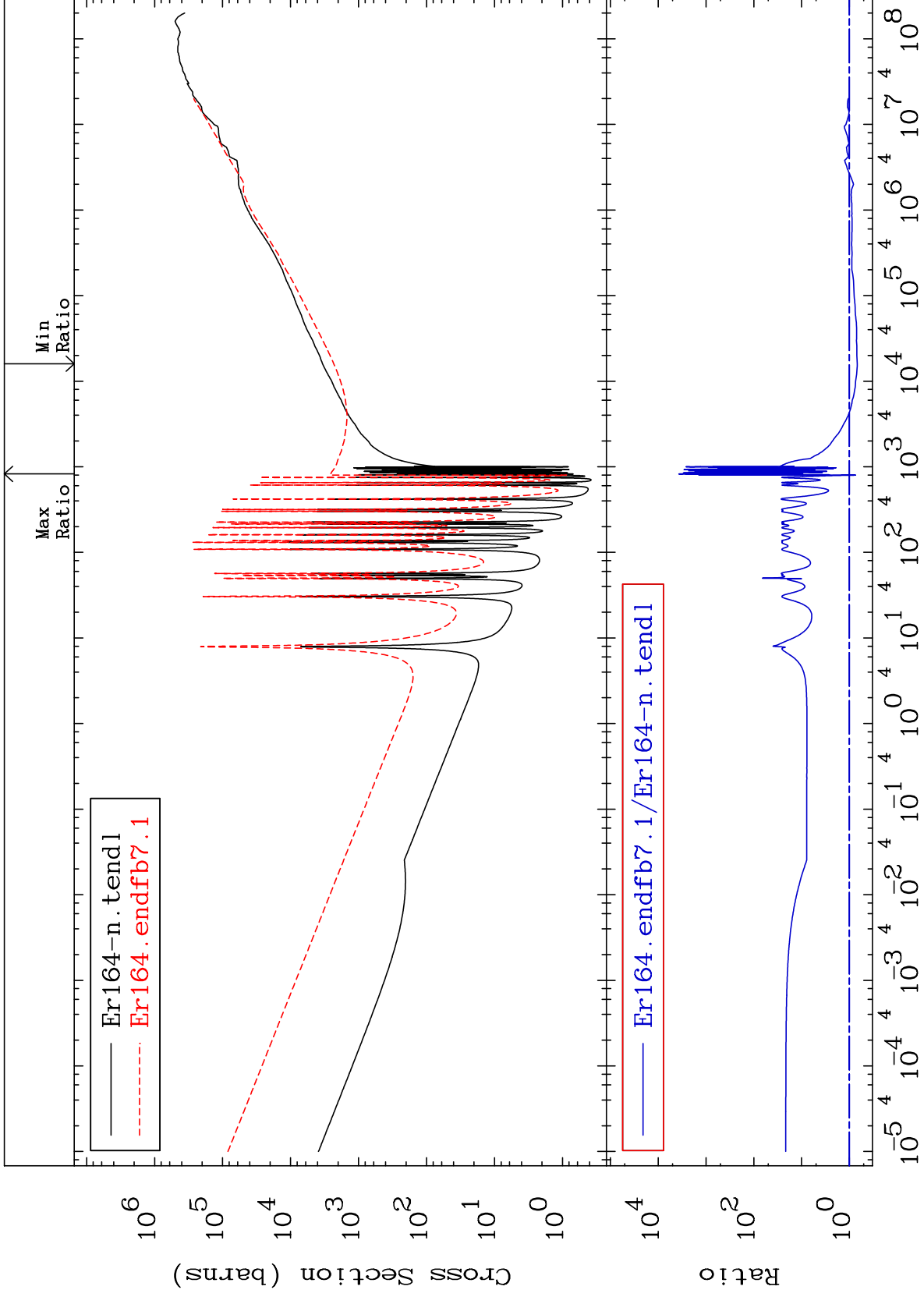




MAT 6831

Dpa total (eV-barns)  
Cross Section

68-Er-164  
-31.53 To 9999. %



42

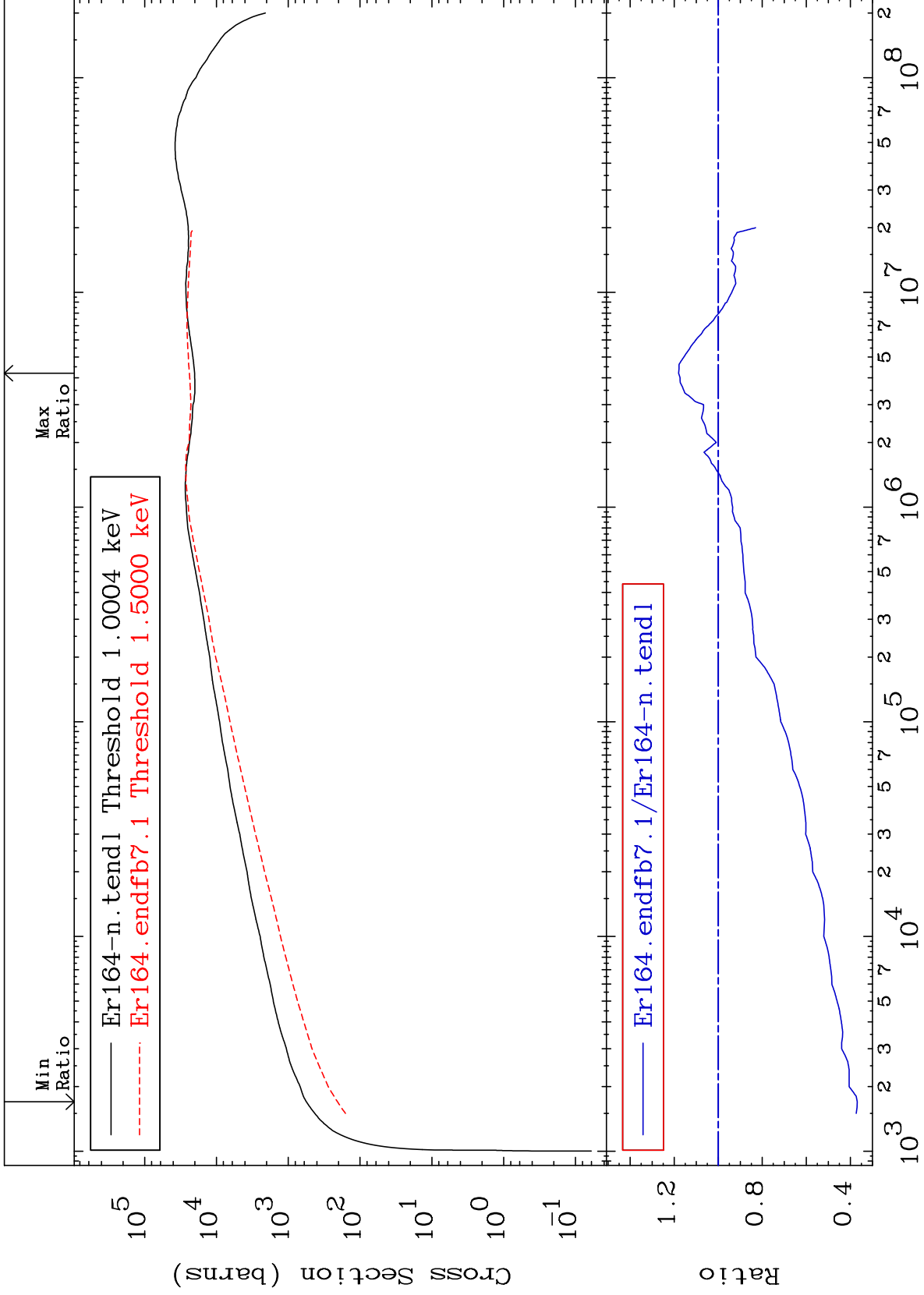
Incident Energy (eV)

68-Er-164

MAT 6831

Dpa elastic (mt2)  
Cross Section

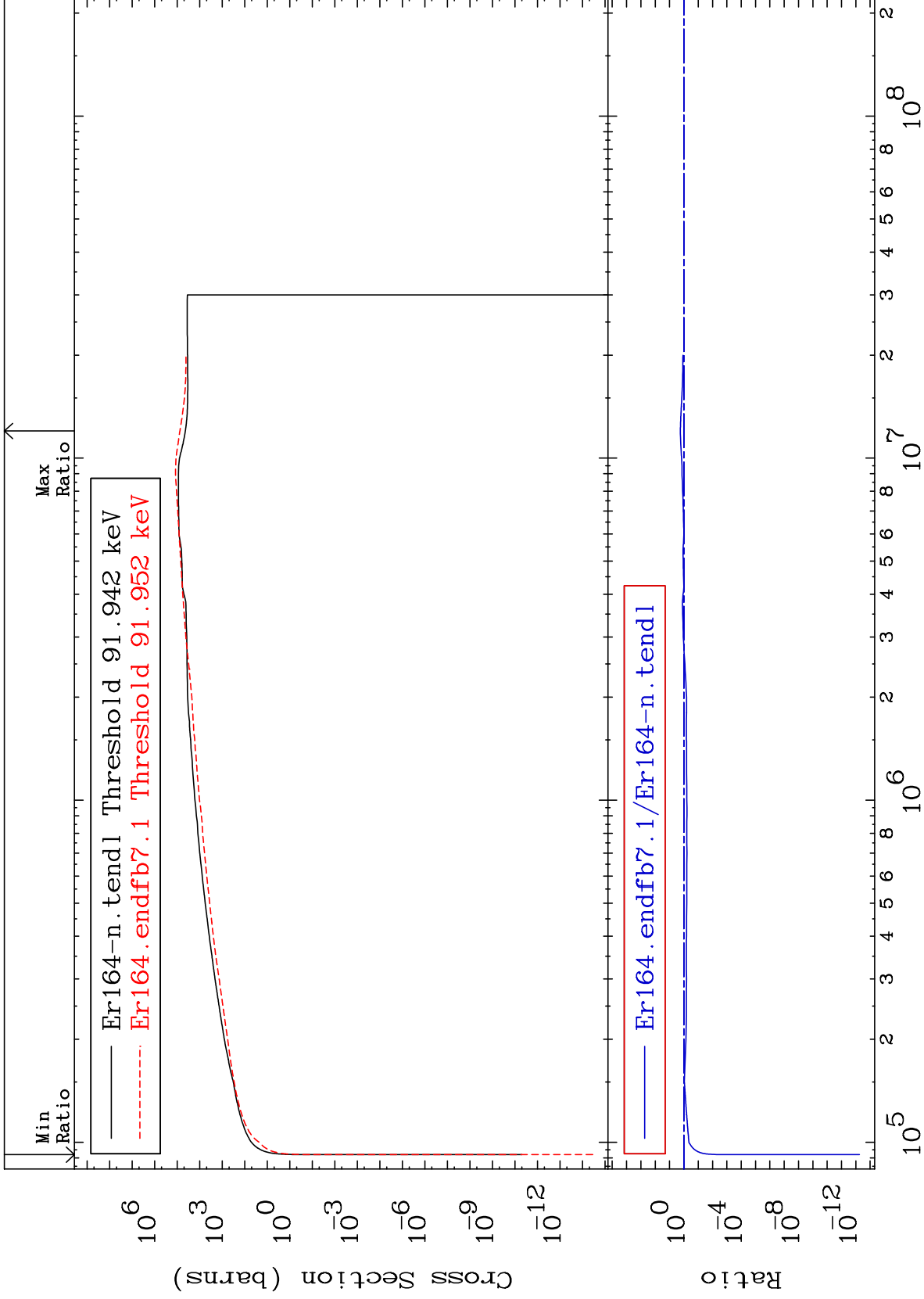
68-Er-164  
-63.12 To 17.99 %



43

Incident Energy (eV)

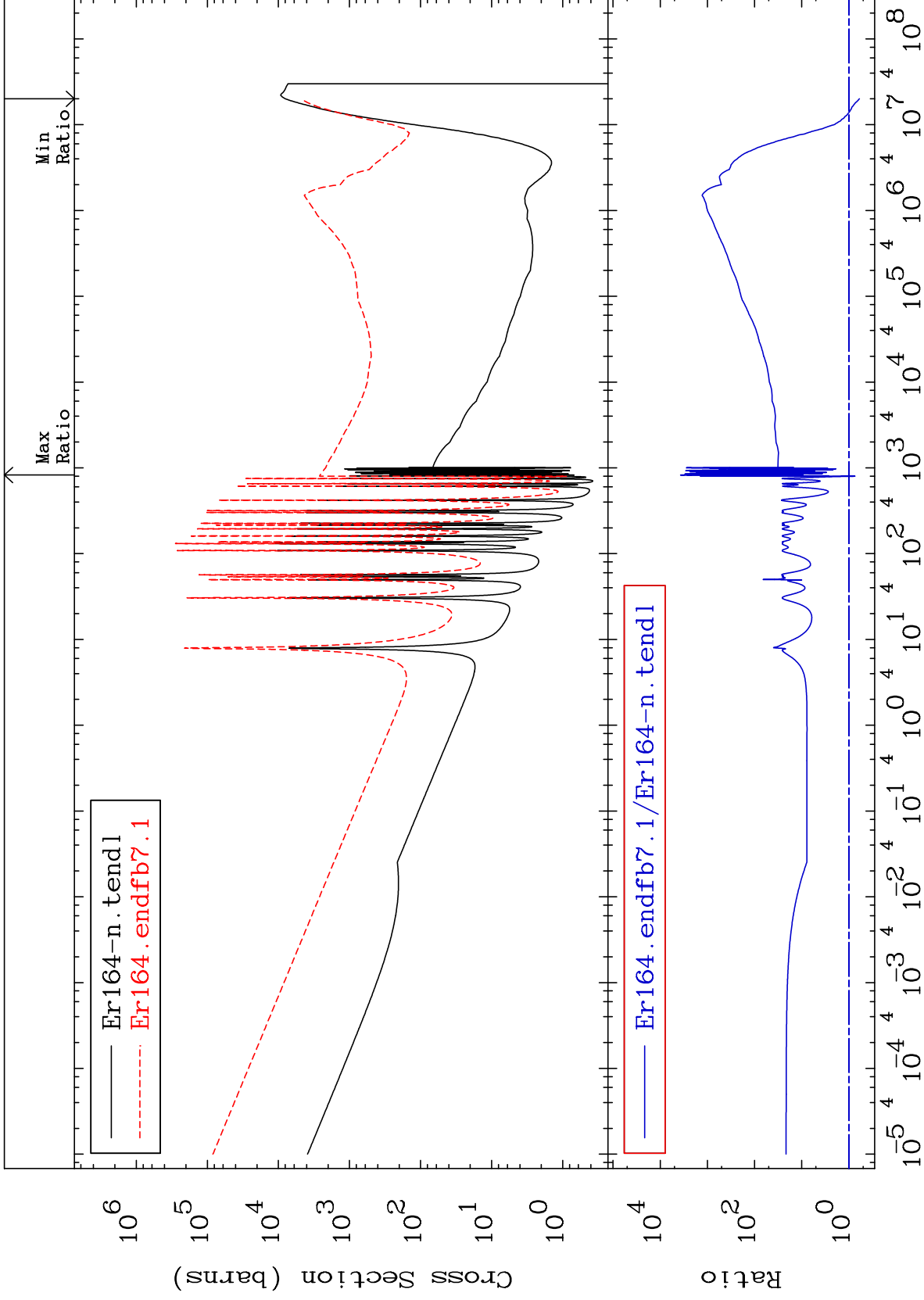
68-Er-164



MAT 6831

Dpa disappearance (mt102 -120)  
Cross Section

68-Er-164  
-40.13 To 9999. %



45

Incident Energy (eV)

68-Er-164