

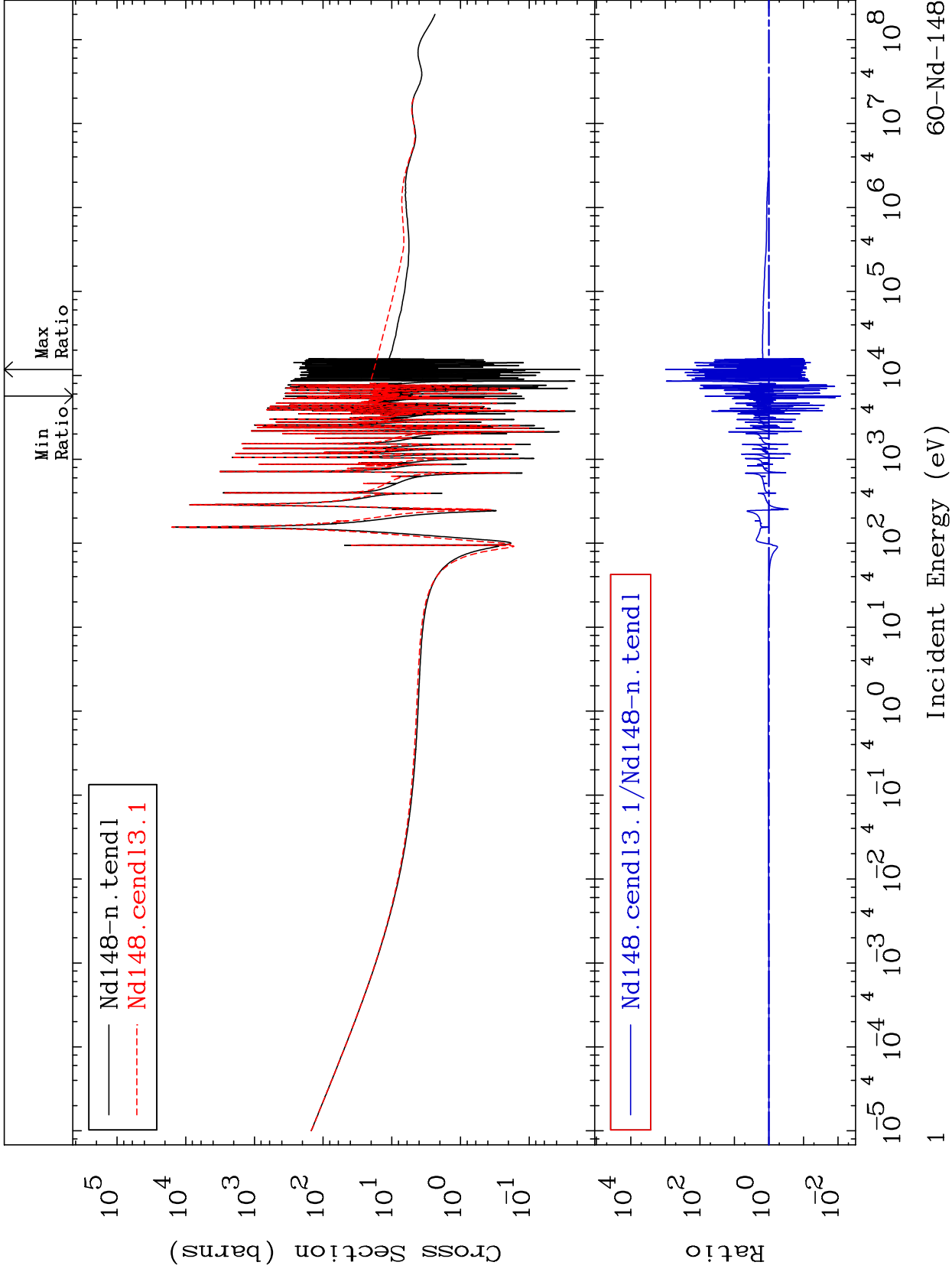
MAT 6043

Total

60-Nd-148

Cross Section

-99.16 To 9999. %



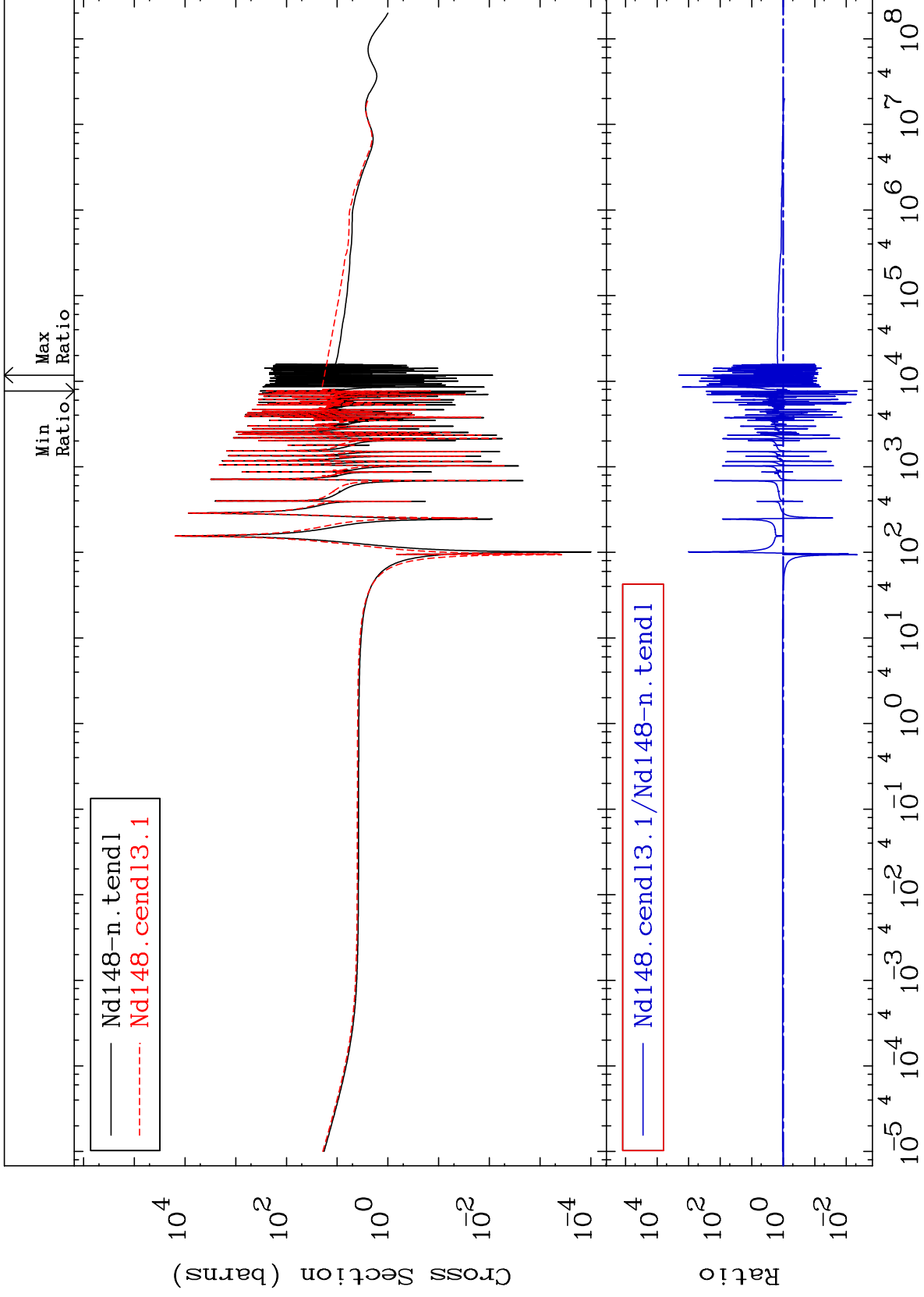
Incident Energy (eV)

60-Nd-148

MAT 6043

Elastic  
Cross Section

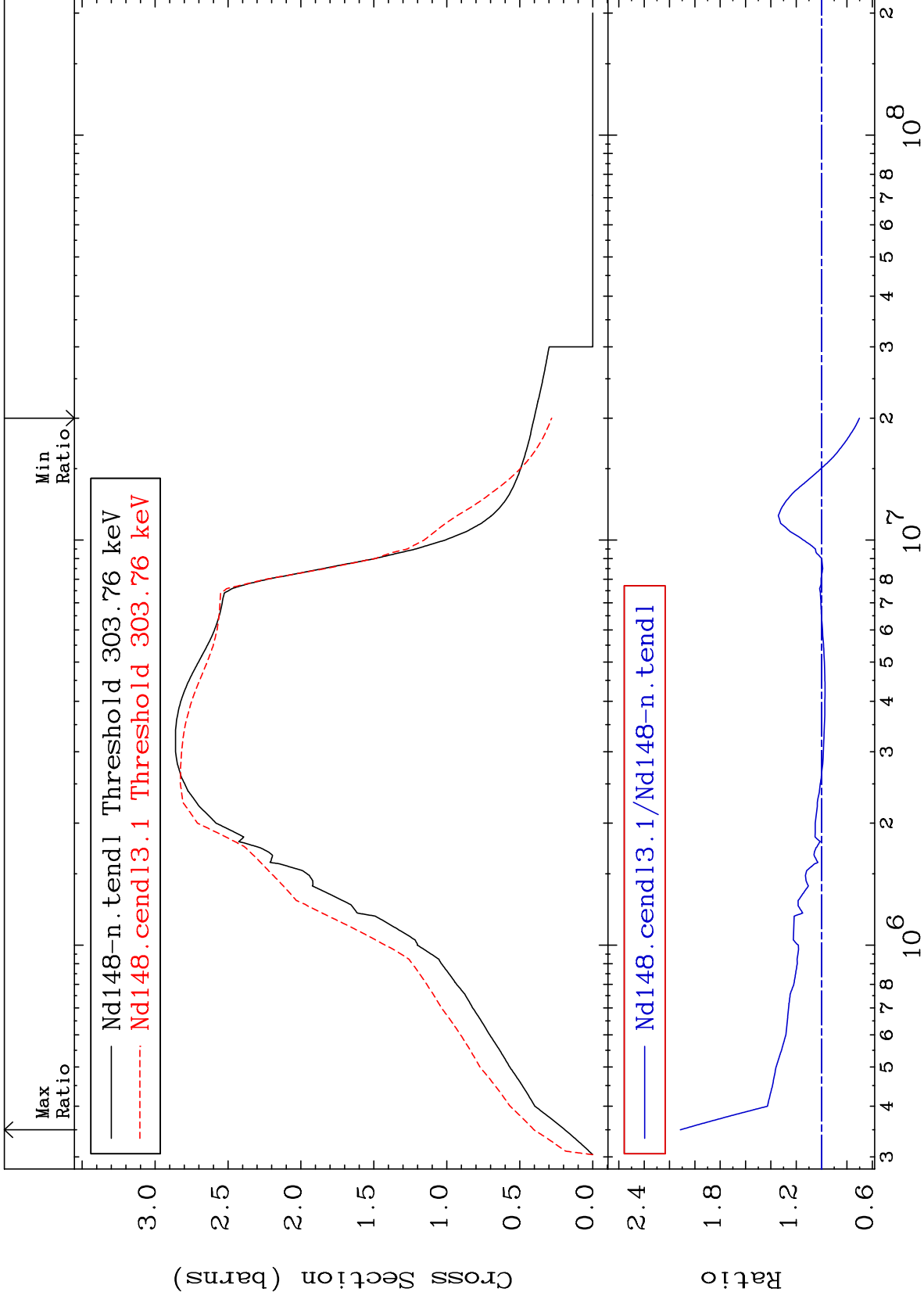
60-Nd-148  
-99.55 To 9999. %



MAT 6043

Inelastic  
Cross Section

60-Nd-148  
-29.88 To 111.5 %



3

Incident Energy (eV)

60-Nd-148

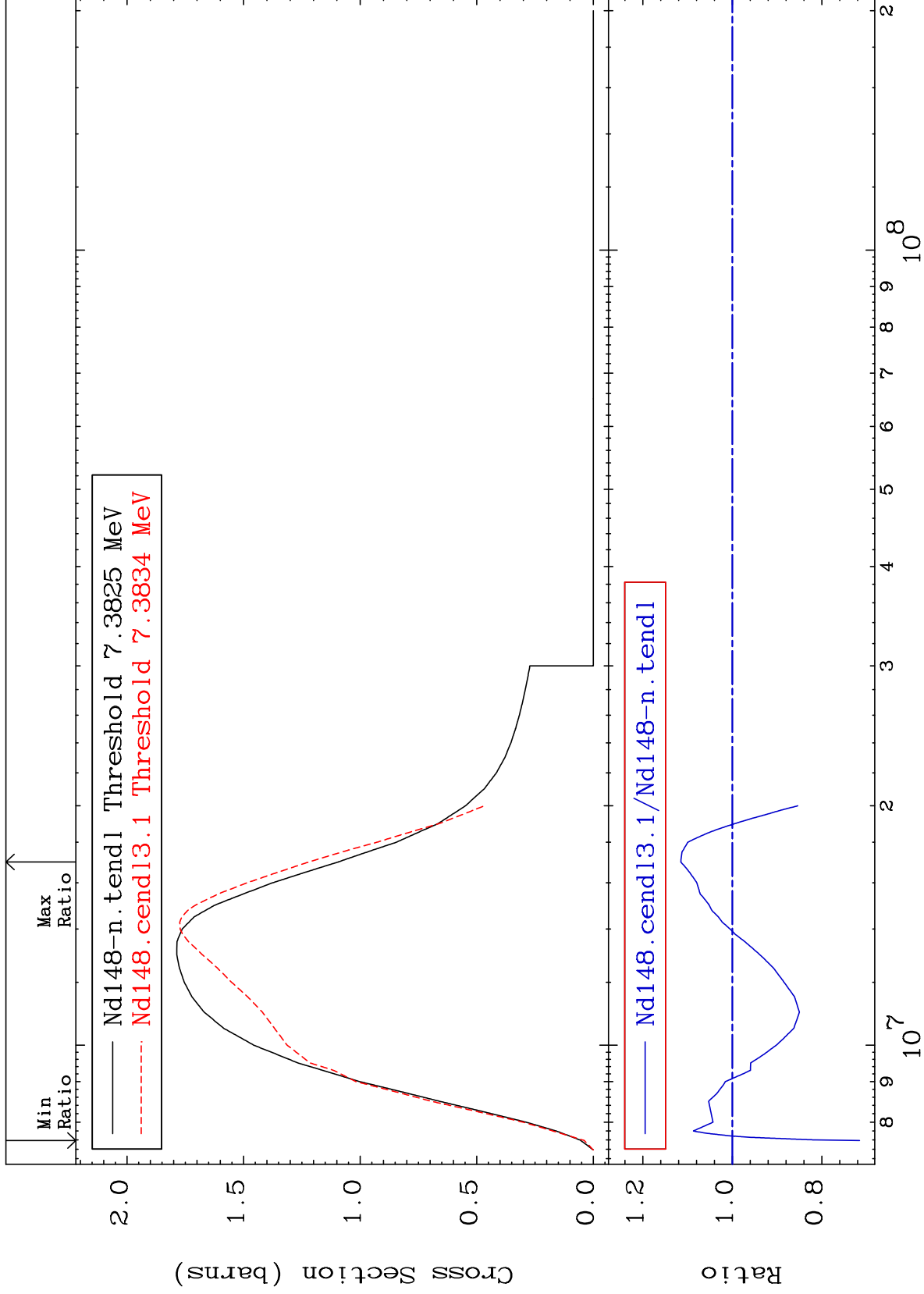
MAT 6043

(n,2n)

60-Nd-148

Cross Section

-28.42 To 11.51 %



4

Incident Energy (eV)

60-Nd-148

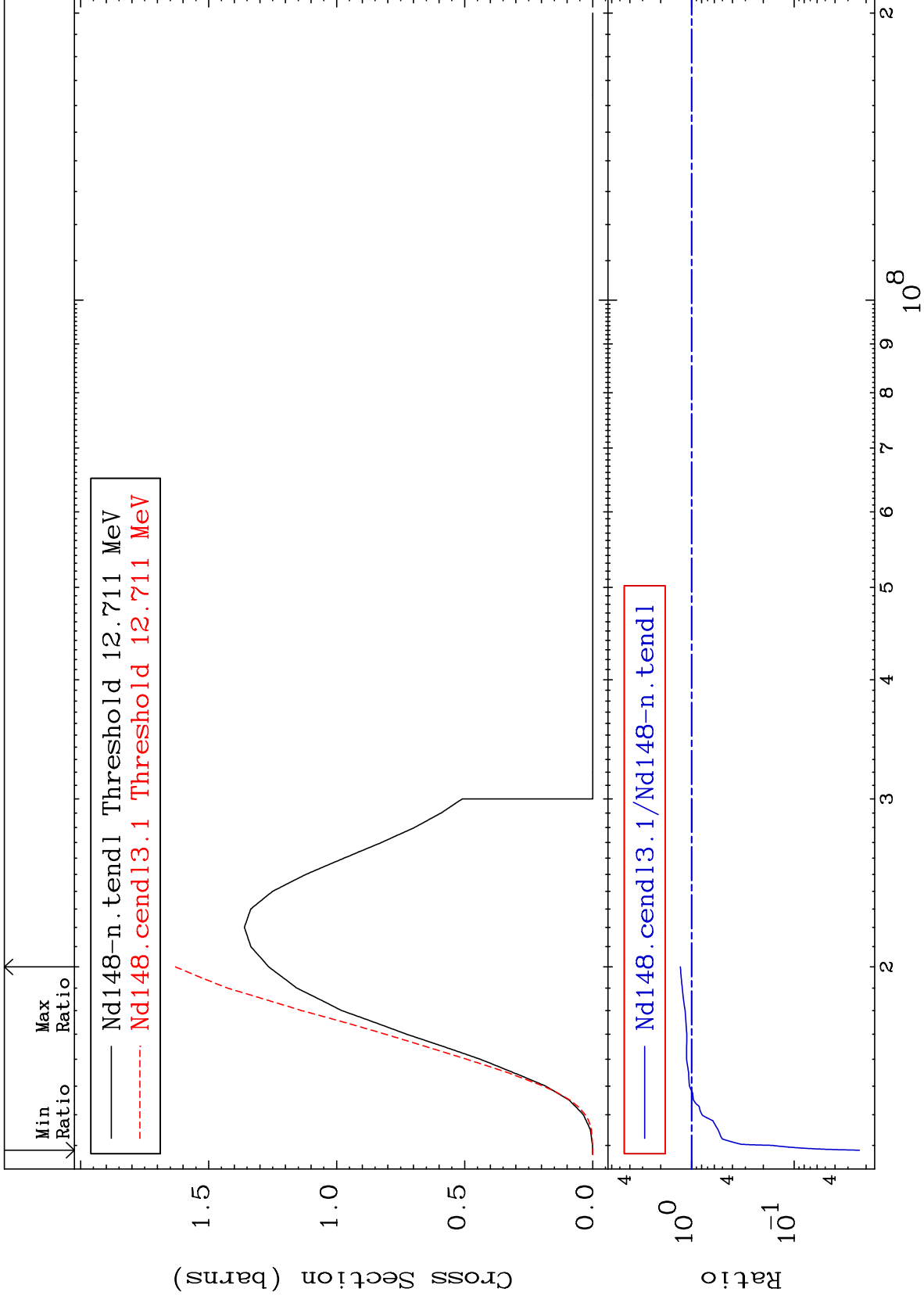
MAT 6043

(n,3n)

60-Nd-148

Cross Section

-97.68 To 28.78 %



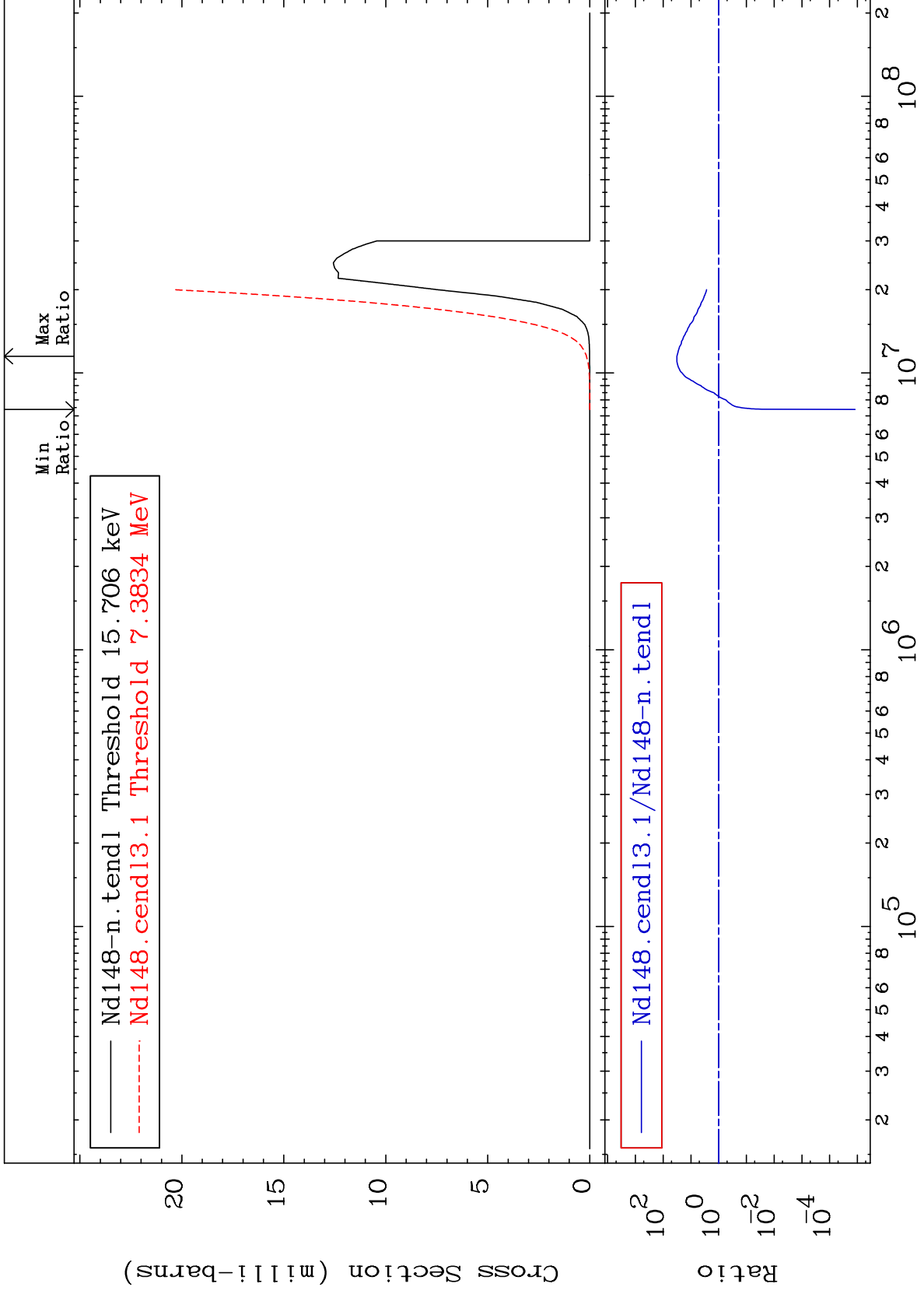
MAT 6043

$(n, n') \alpha$

60-Nd-148

Cross Section

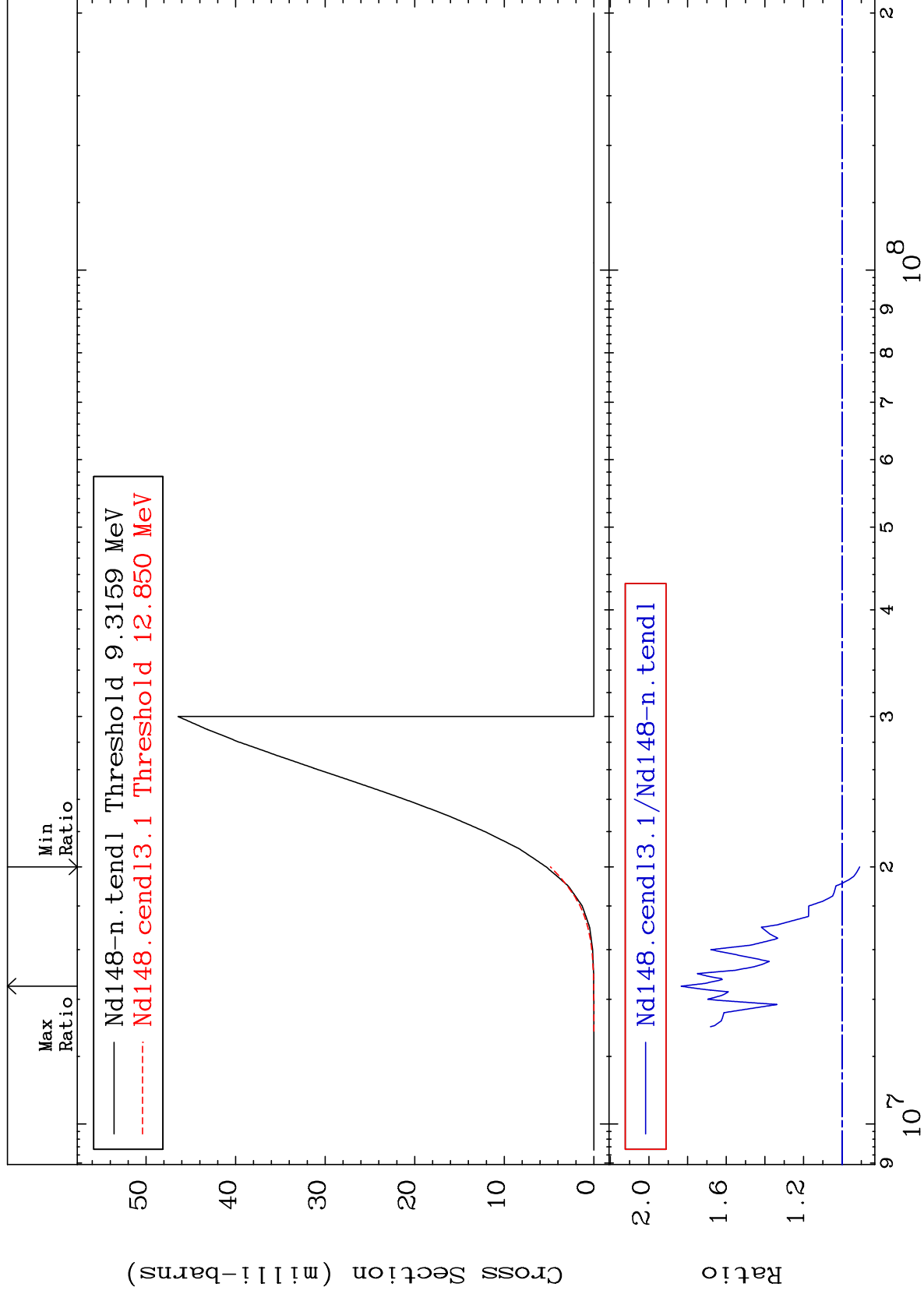
-100.0 To 3089. %



MAT 6043

(n, n') p  
Cross Section

60-Nd-148  
-9.088 To 83.29 %

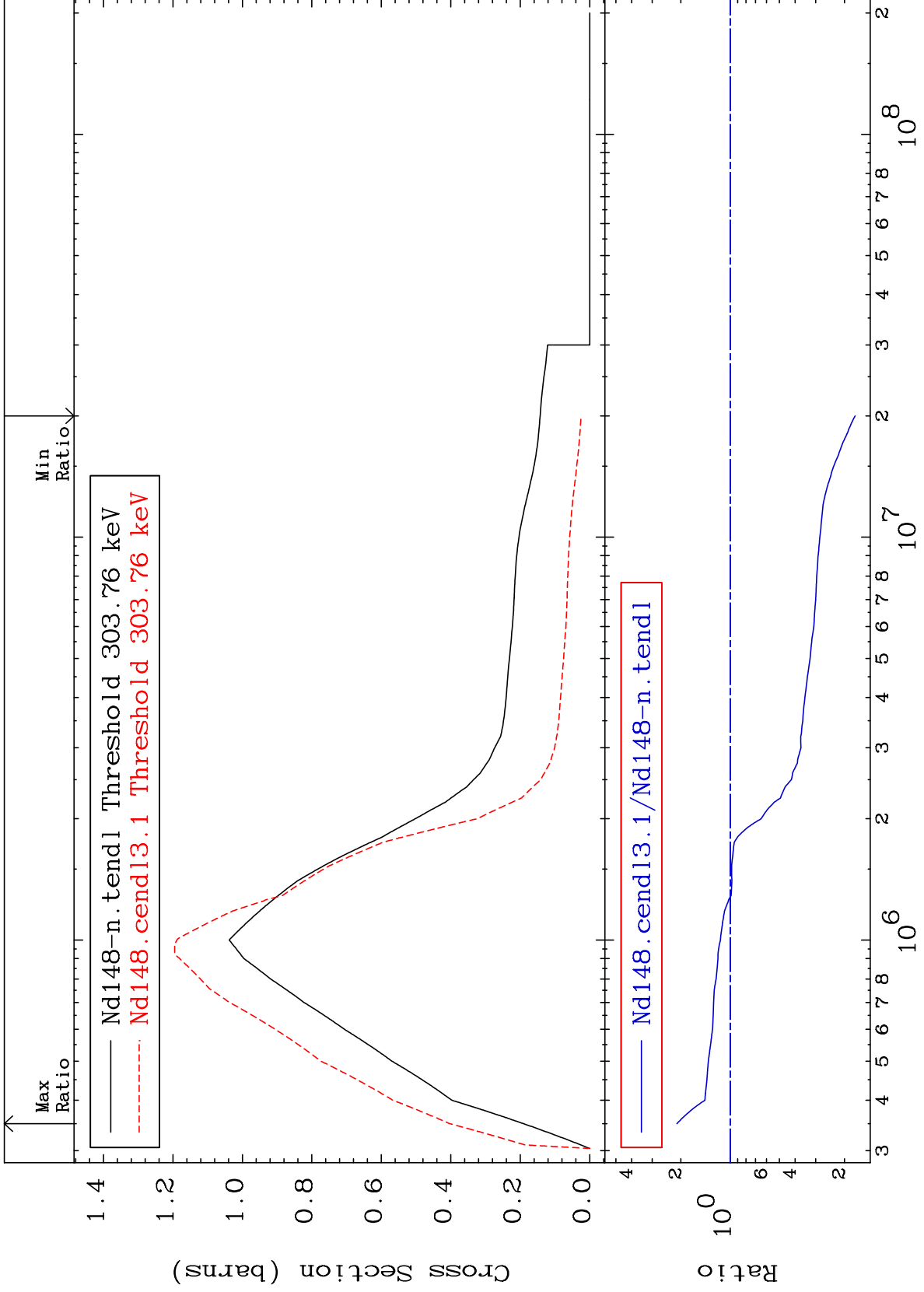


60-Nd-148

MAT 6043

301.7 keV (n,n') Level  
Cross Section

60-Nd-148  
-82.78 To 111.5 %





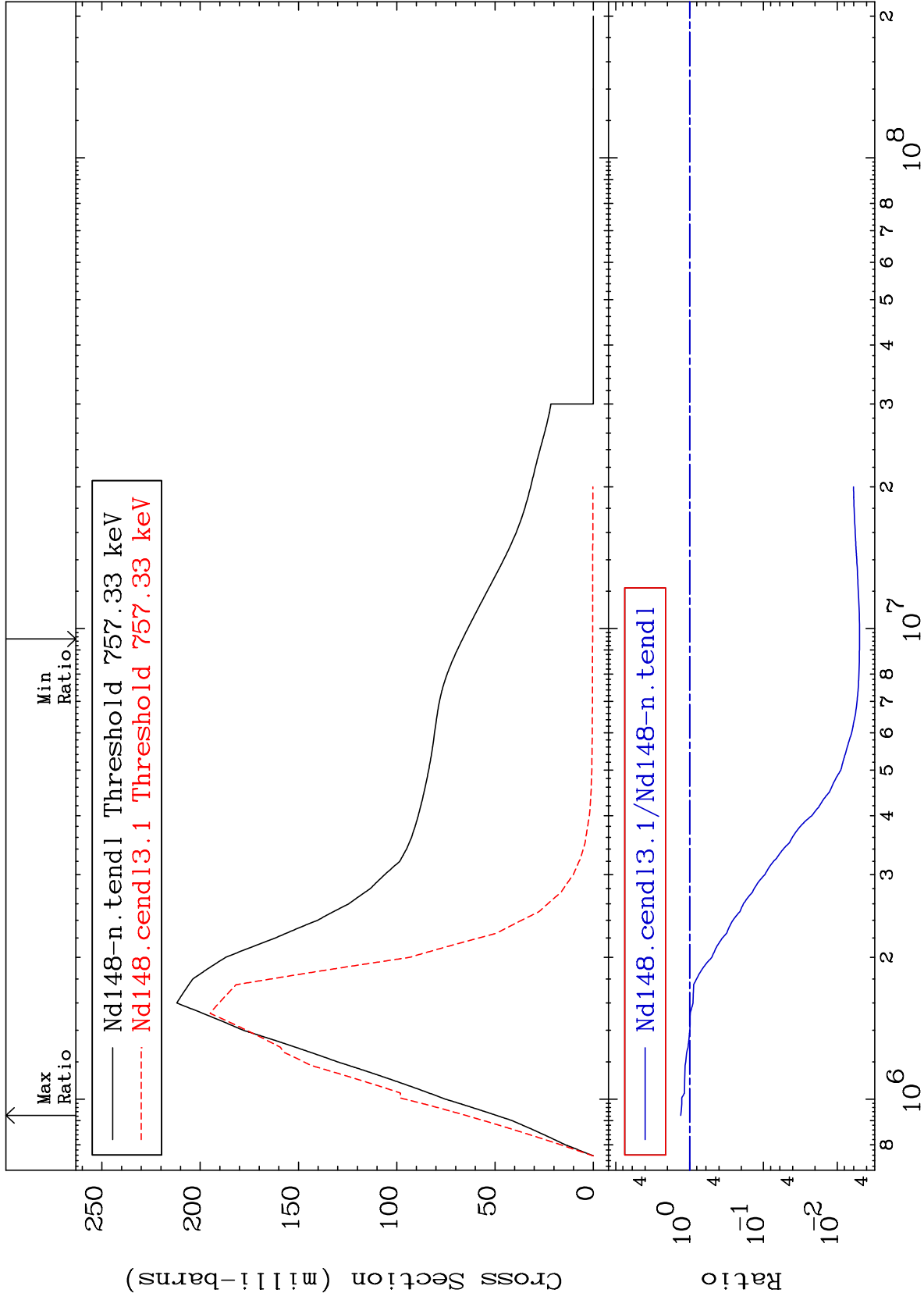
MAT 6043

752.2 keV (n,n') Level

60-Nd-148

-99.50 To 31.75 %

Cross Section



9

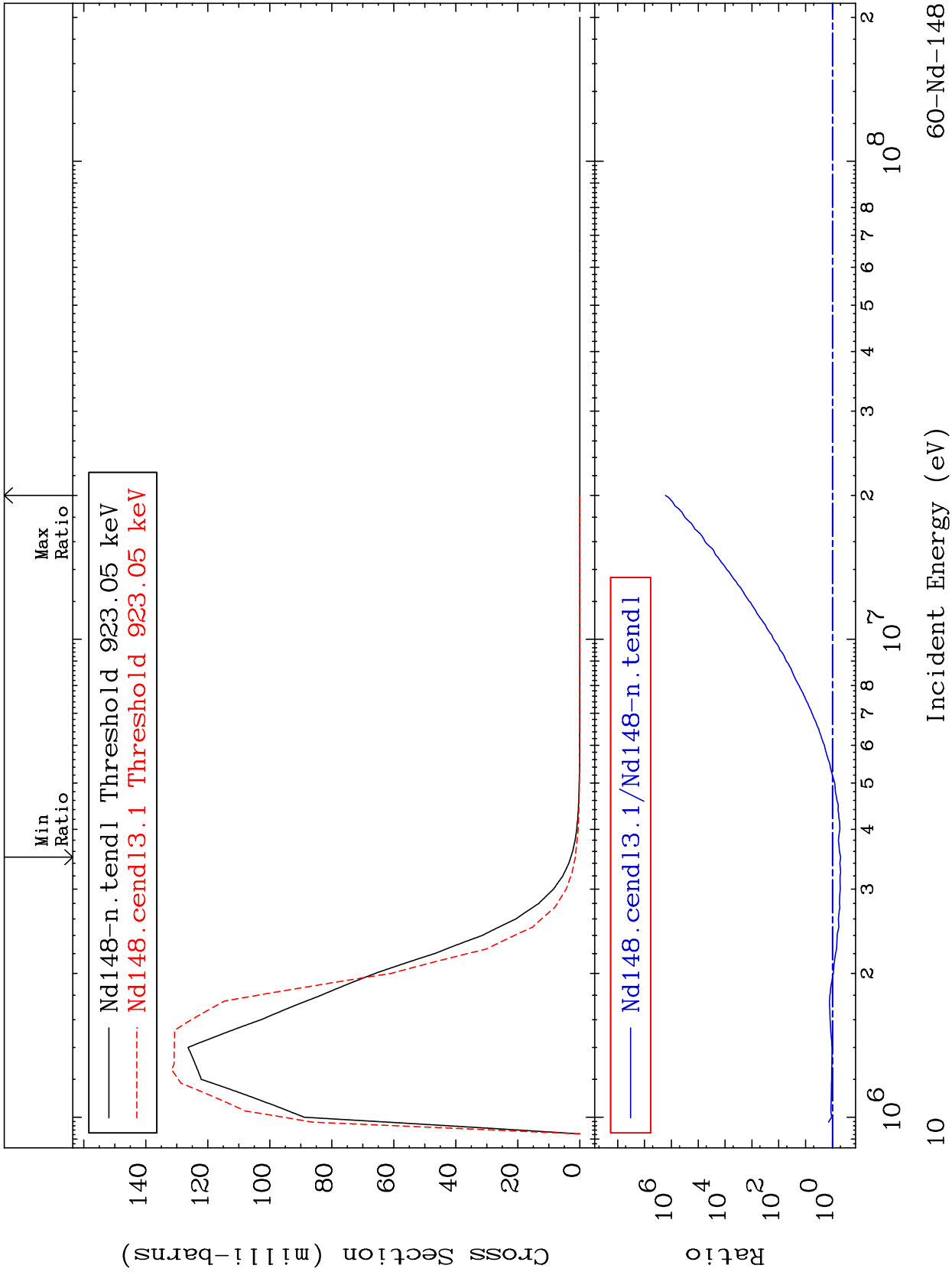
Incident Energy (eV)

60-Nd-148

MAT 6043

916.8 keV (n,n') Level  
Cross Section

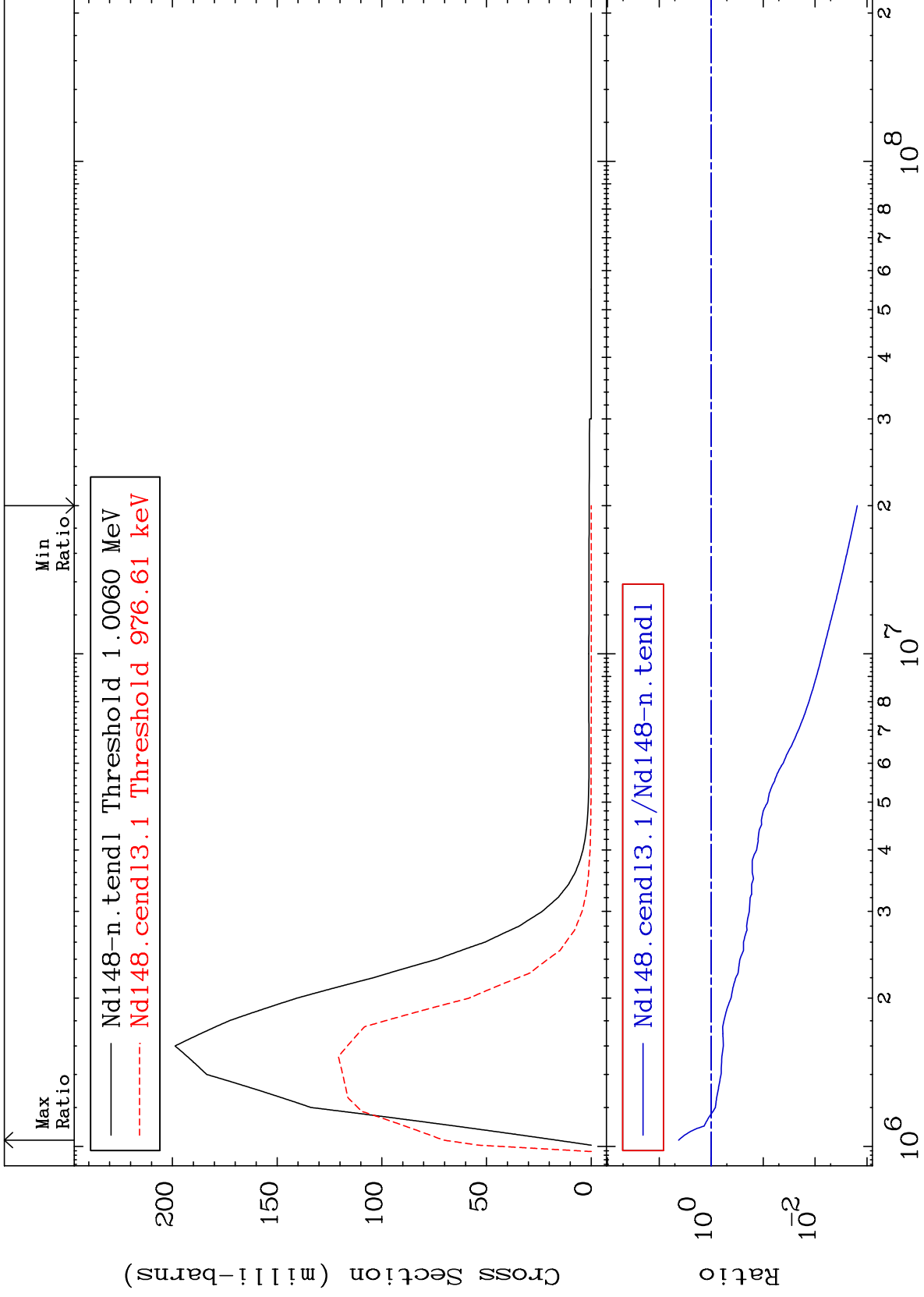
60-Nd-148  
-50.53 To 9999. %



MAT 6043

999.2 keV (n,n') Level  
Cross Section

60-Nd-148  
-99.85 To 324.4 %



11

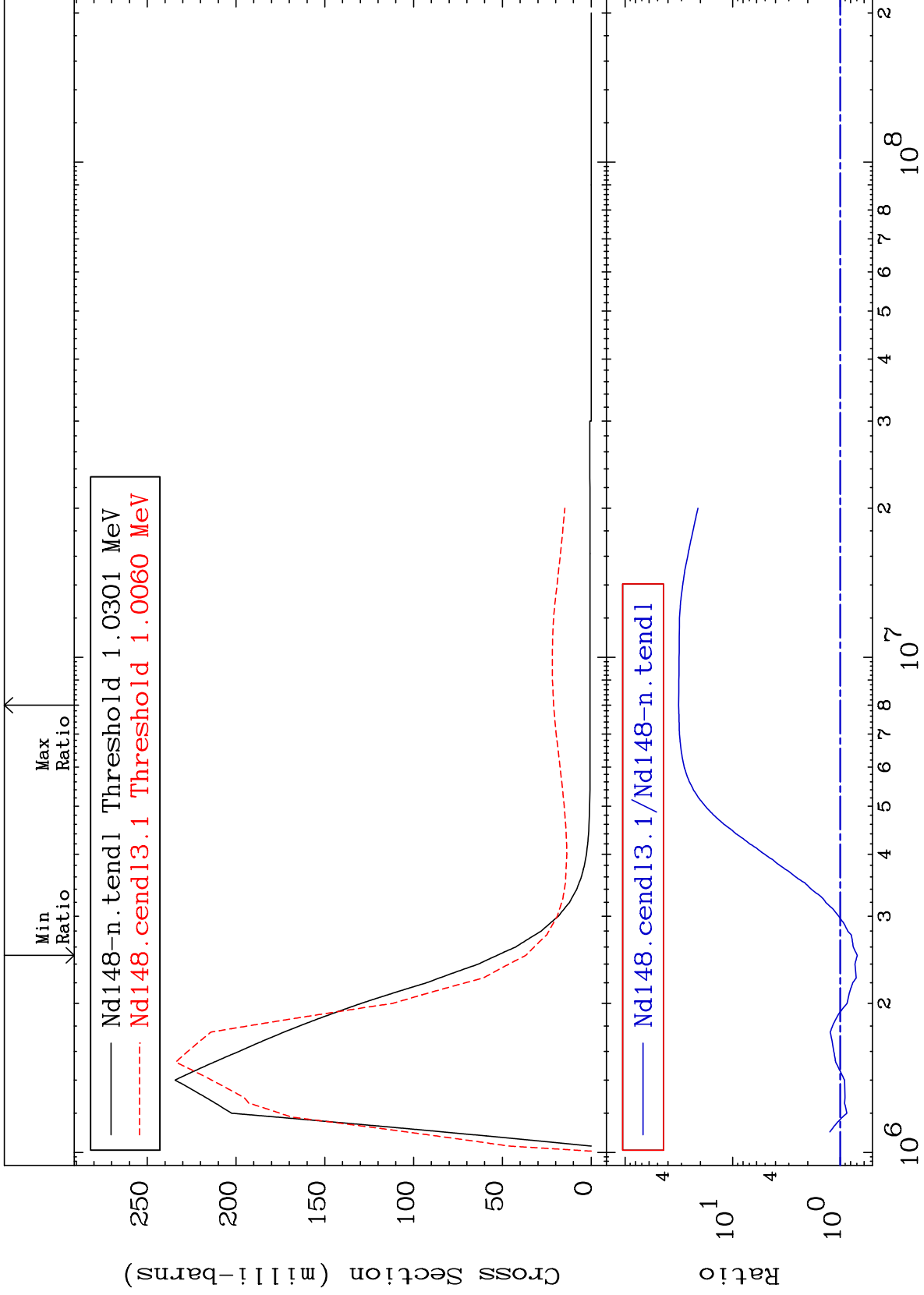
Incident Energy (eV)

60-Nd-148

MAT 6043

1.023 MeV (n,n') Level  
Cross Section

60-Nd-148  
-30.61 To 3084. %



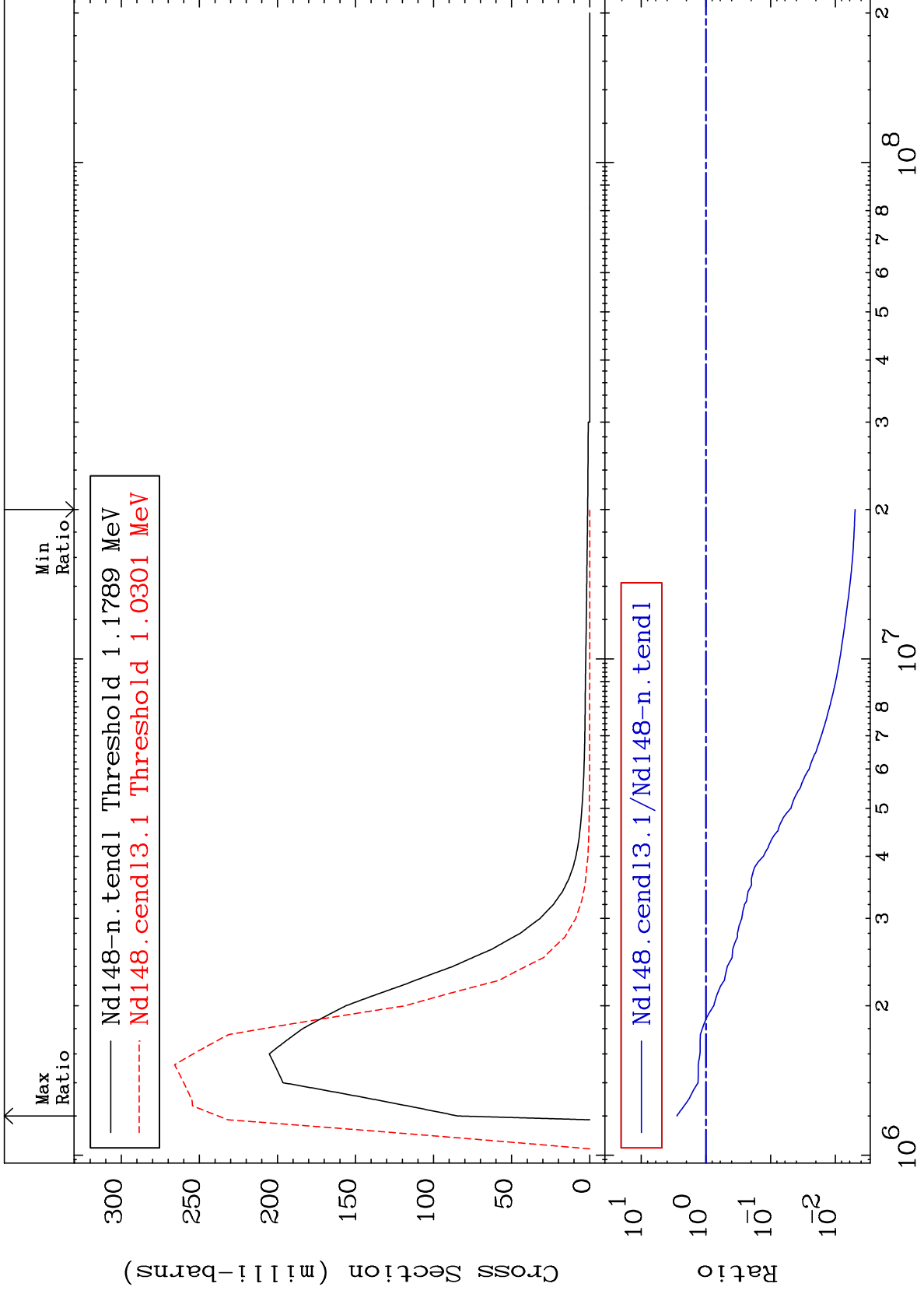
60-Nd-148

12

MAT 6043

1.171 MeV (n,n') Level  
Cross Section

60-Nd-148  
-99.50 To 181.3 %



13

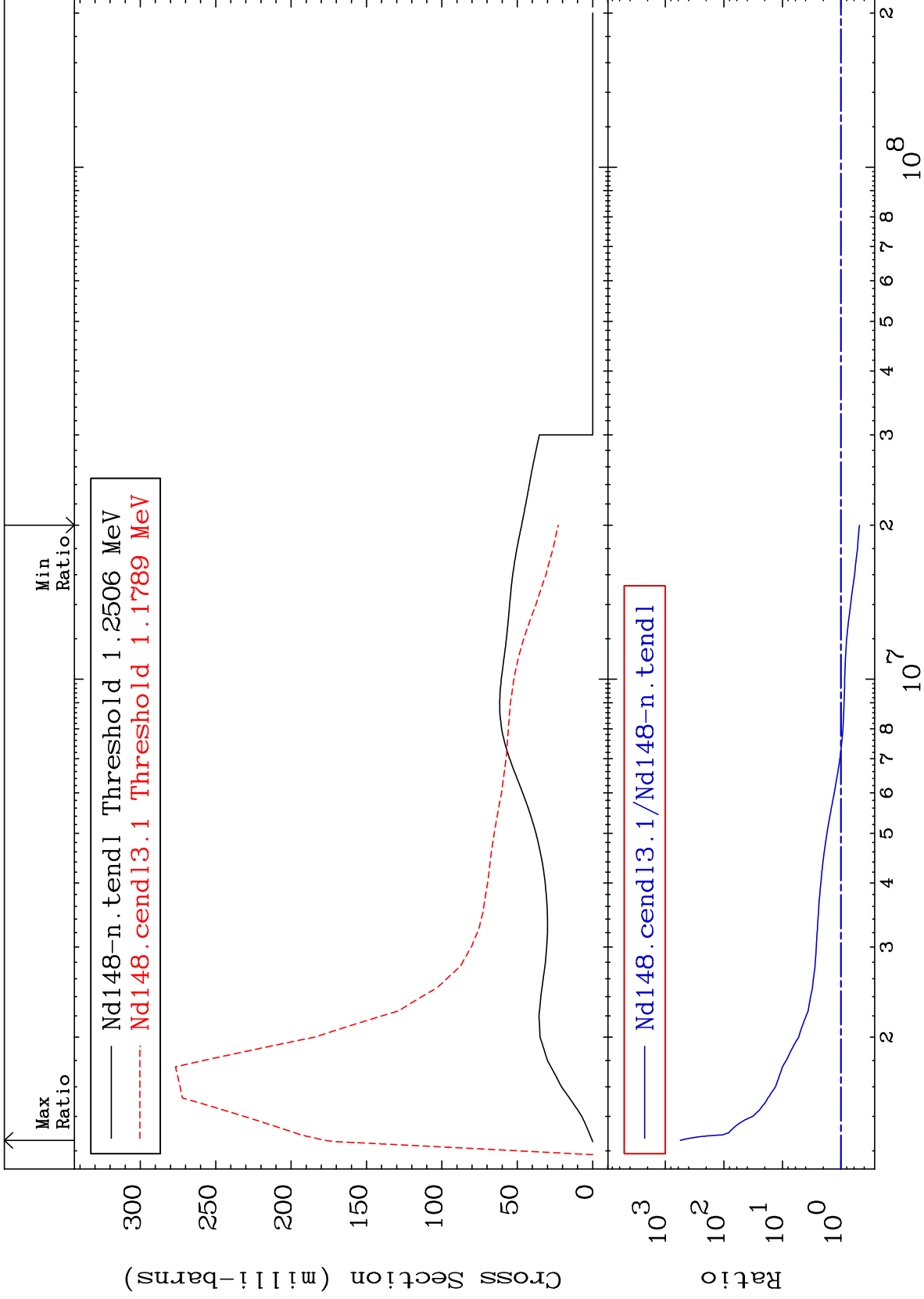
Incident Energy (eV)

60-Nd-148

MAT 6043

1.242 MeV (n,n') Level  
Cross Section

60-Nd-148  
-51.63 To 9999. %



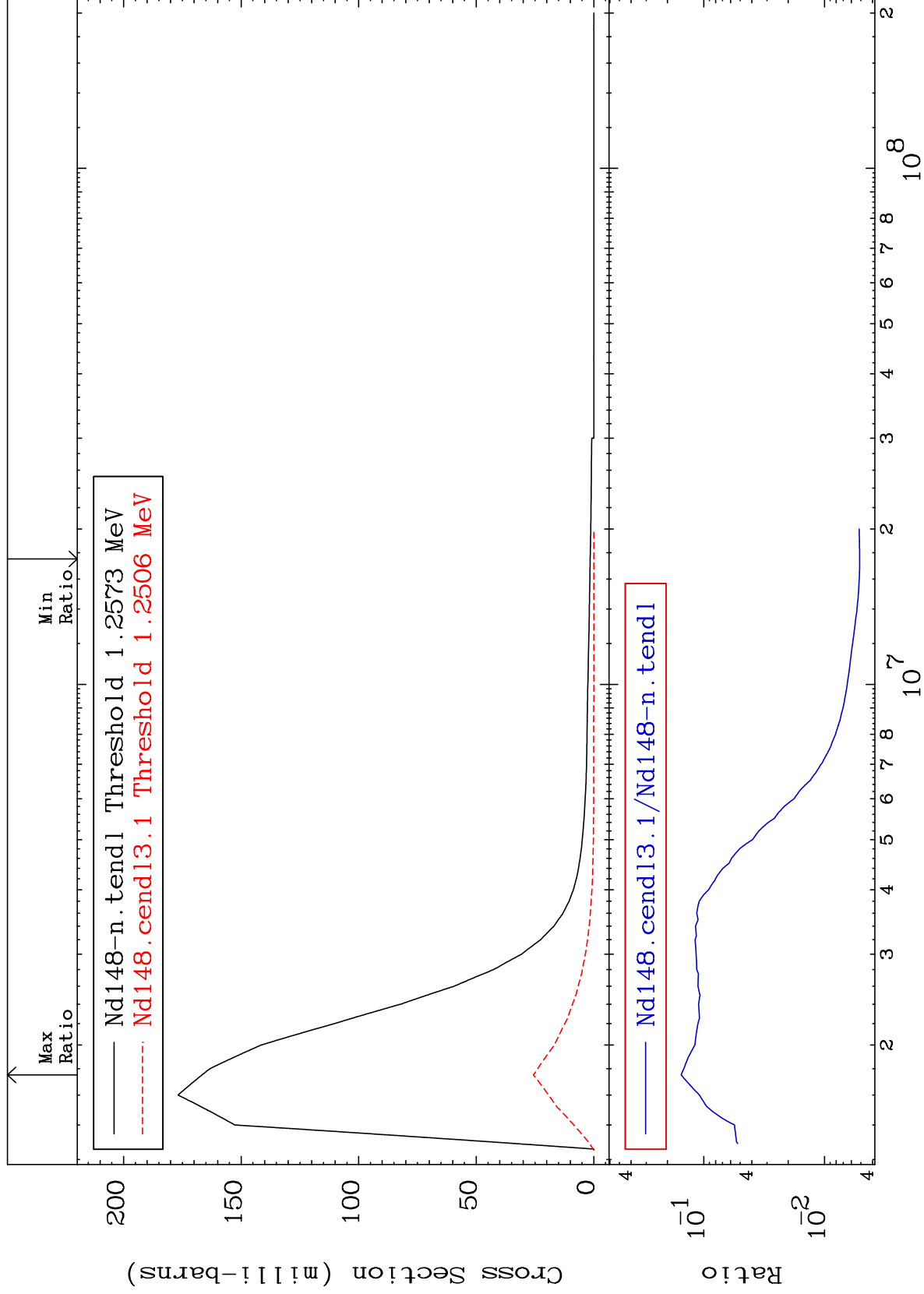
MAT 6043

1.249 MeV (n,n') Level

60-Nd-148

-99.49 To -84.60%

Cross Section



15

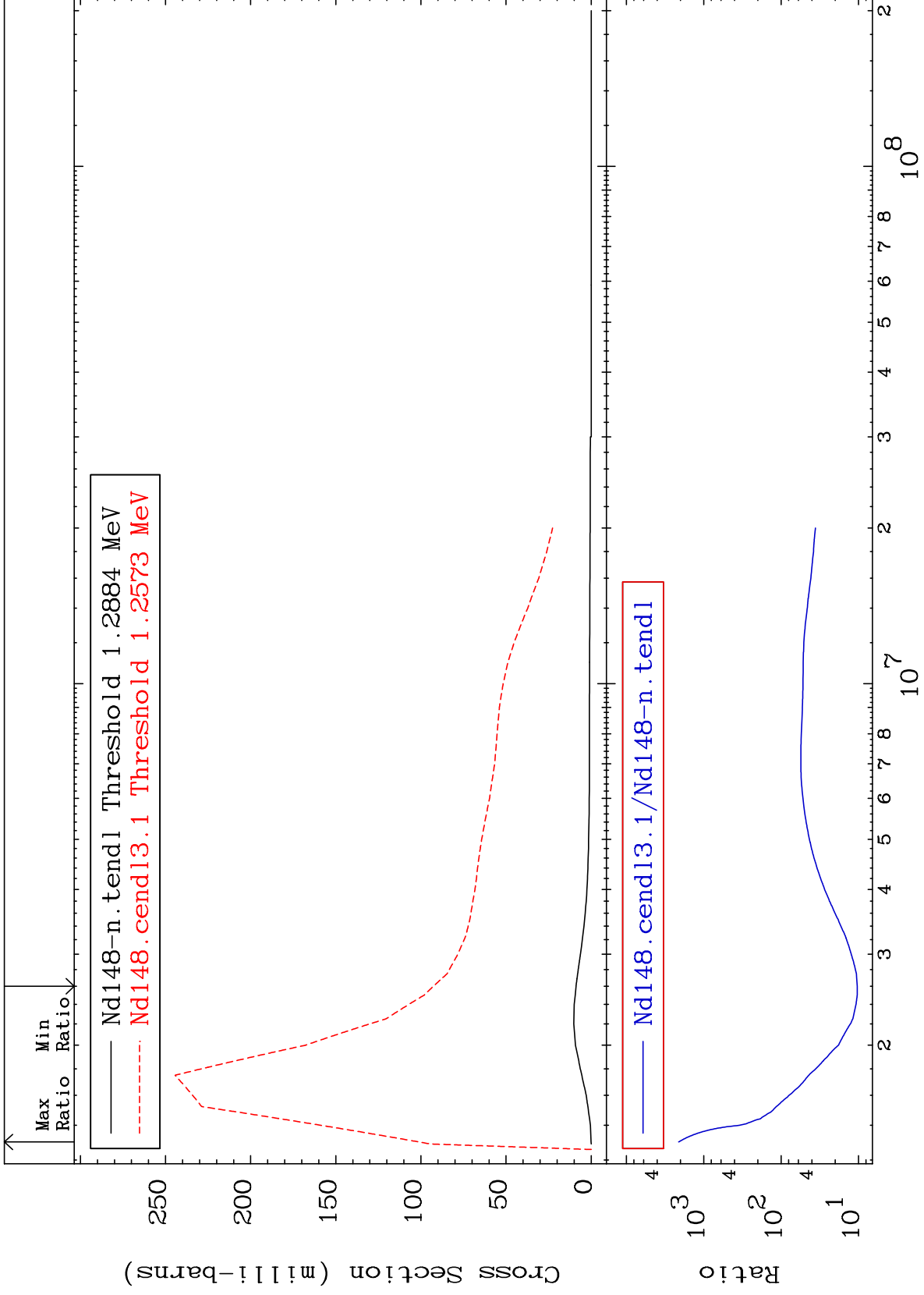
Incident Energy (eV)

60-Nd-148

MAT 6043

1.280 MeV (n,n') Level  
Cross Section

60-Nd-148  
938.7 To 9999. %



16

Incident Energy (eV)

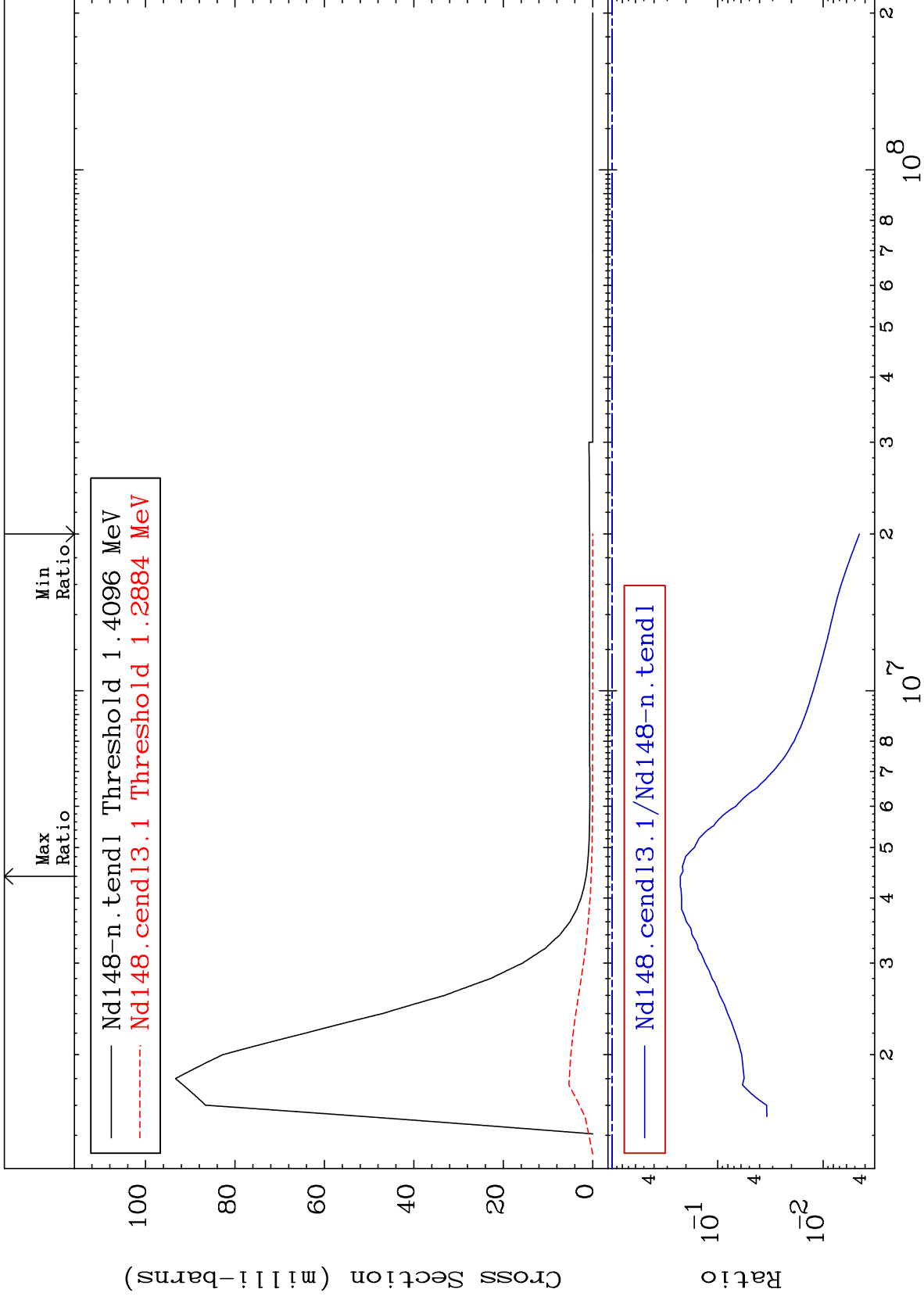
60-Nd-148



MAT 6043

1.400 MeV (n,n') Level  
Cross Section

60-Nd-148  
-99.55 To -77.45%



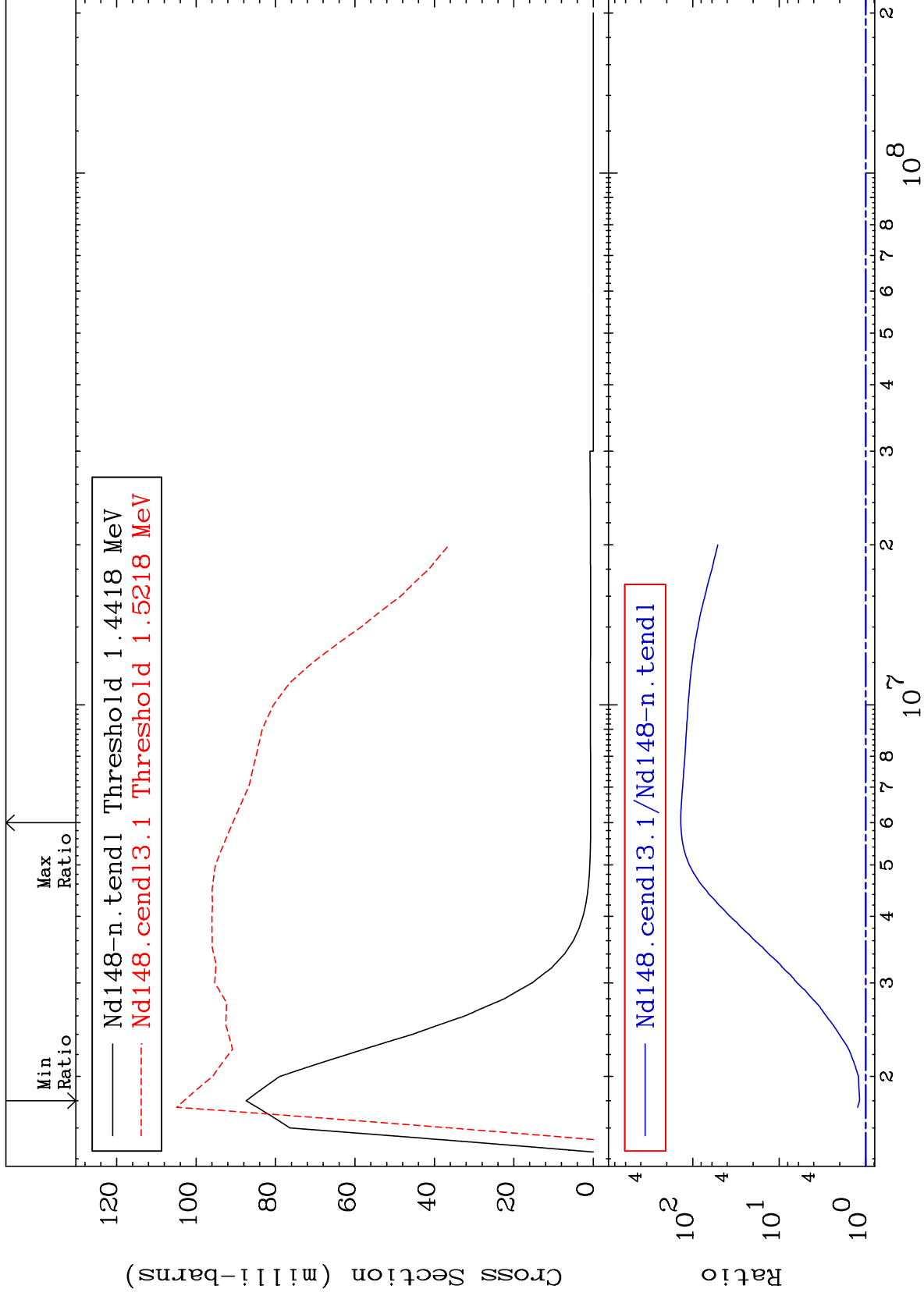
MAT 6043

1.432 MeV (n,n') Level

60-Nd-148

17.93 To 9999. %

Cross Section



18

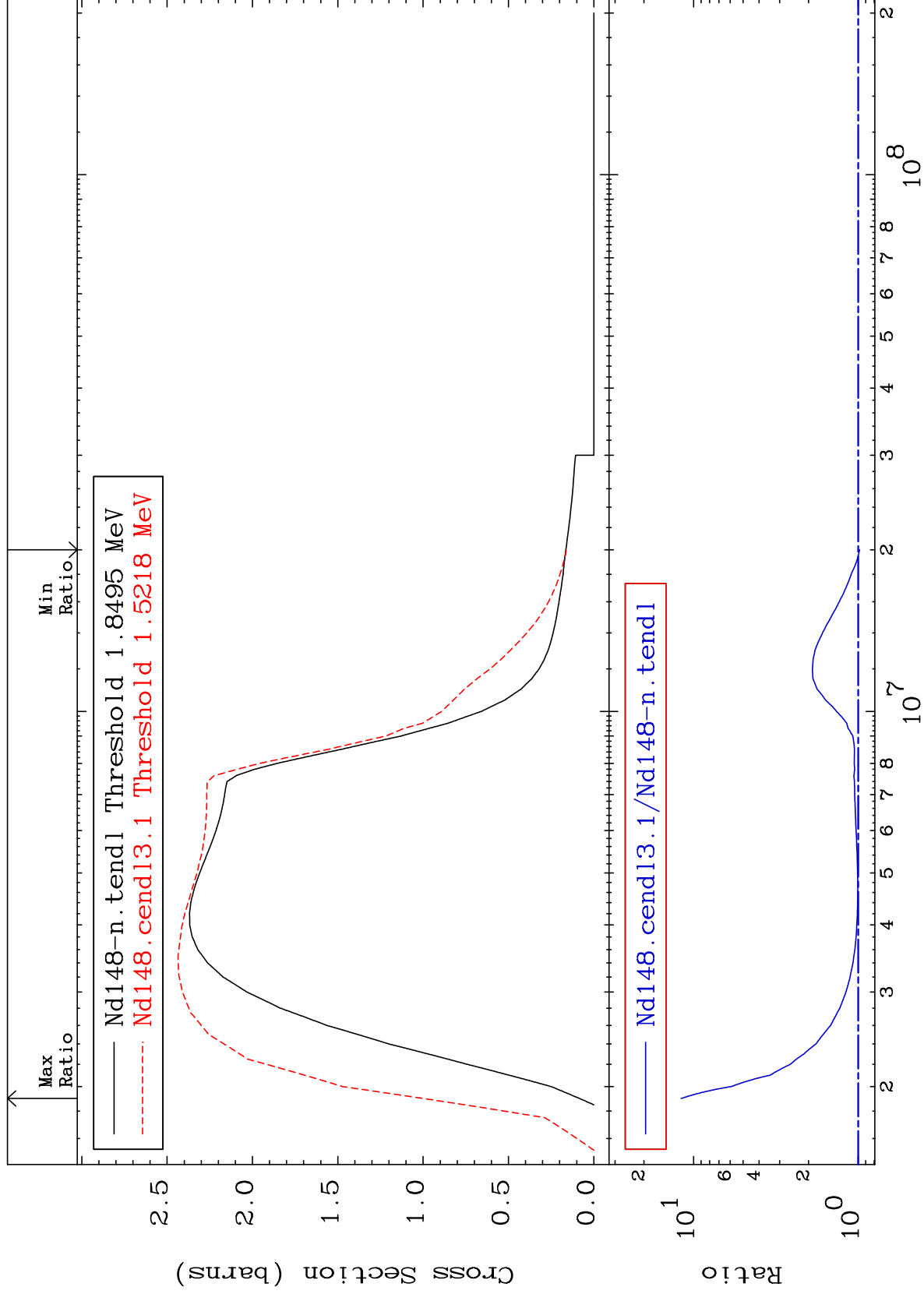
Incident Energy (eV)

60-Nd-148

MAT 6043

(n, n') Continuum  
Cross Section

60-Nd-148  
-2.078 To 1089. %



19

Incident Energy (eV)

60-Nd-148

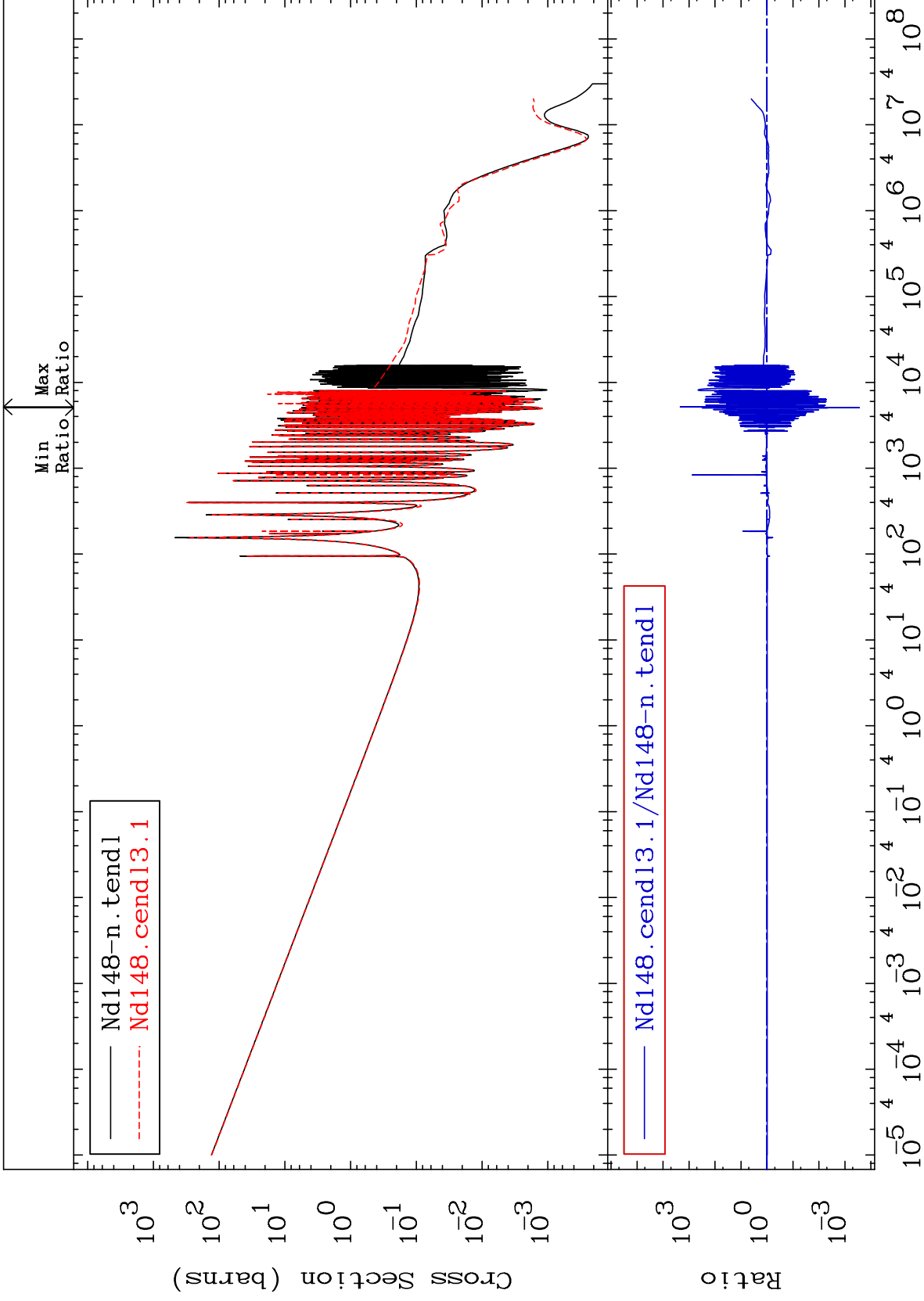
MAT 6043

(n,  $\gamma$ )

60-Nd-148

Cross Section

-99.97 To 9999. %



20

Incident Energy (eV)

60-Nd-148

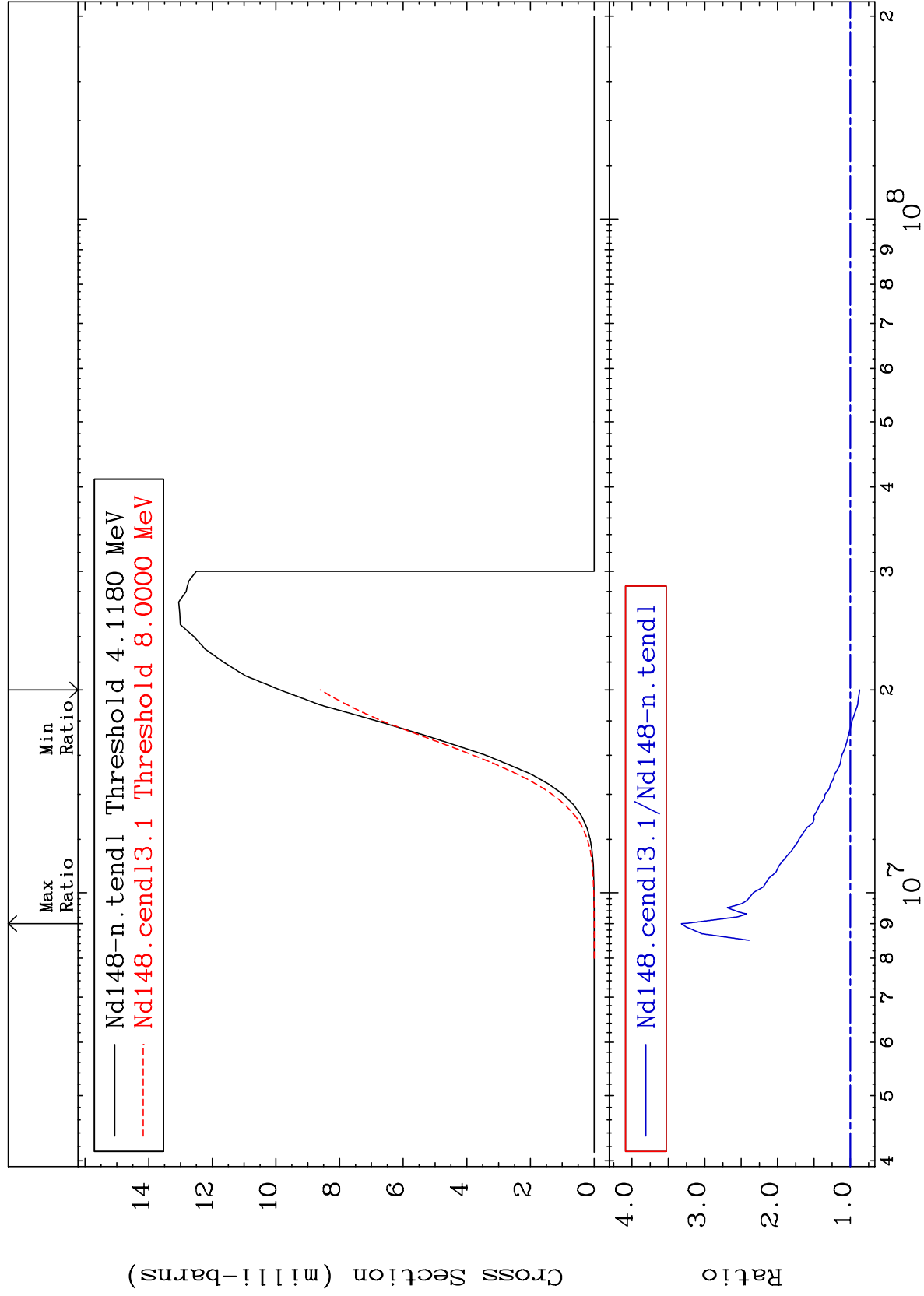
MAT 6043

(n,p)

60-Nd-148

Cross Section

-12.87 To 232.1 %



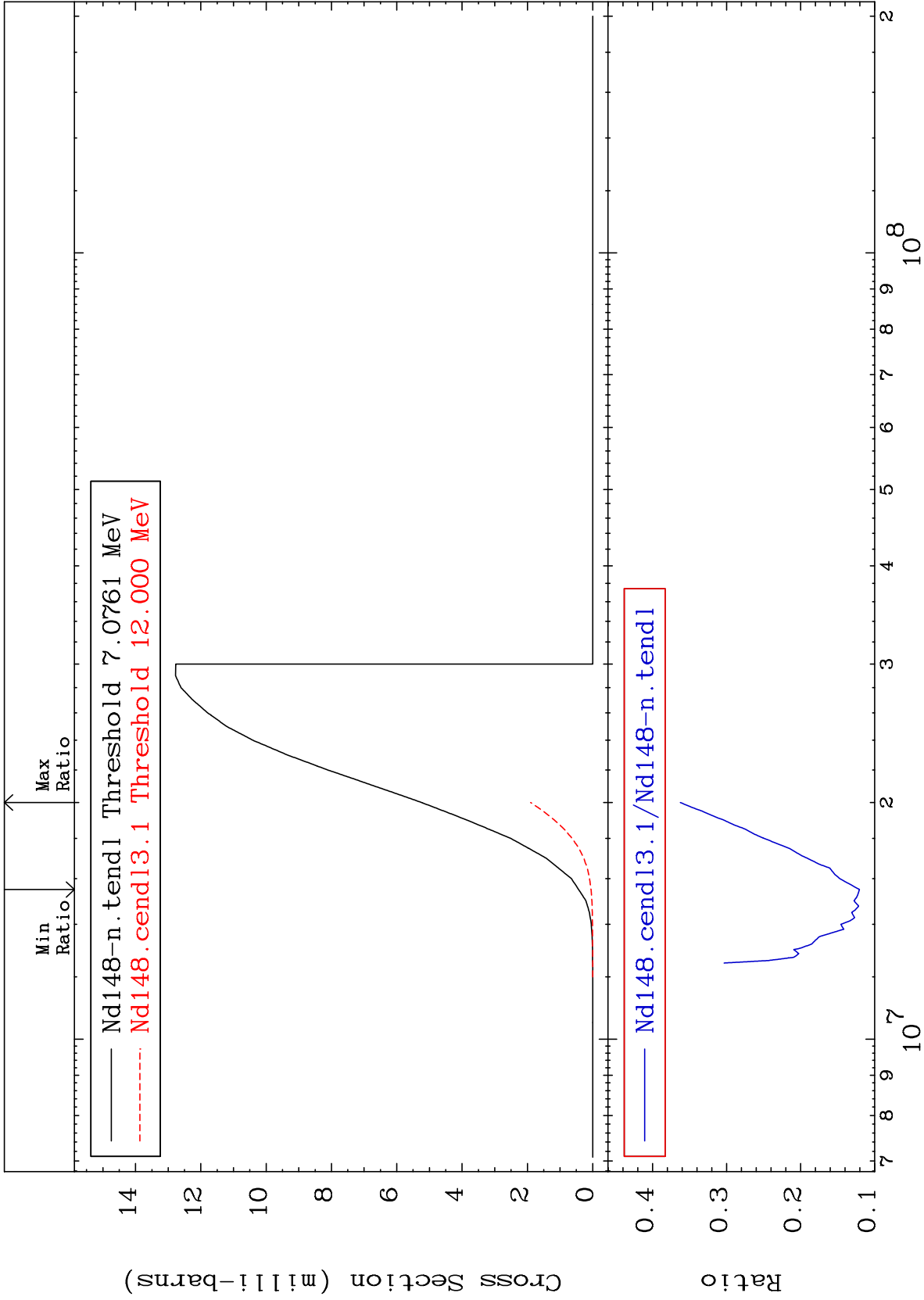
MAT 6043

(n, d)

60-Nd-148

Cross Section

-87.94 To -63.75%



22

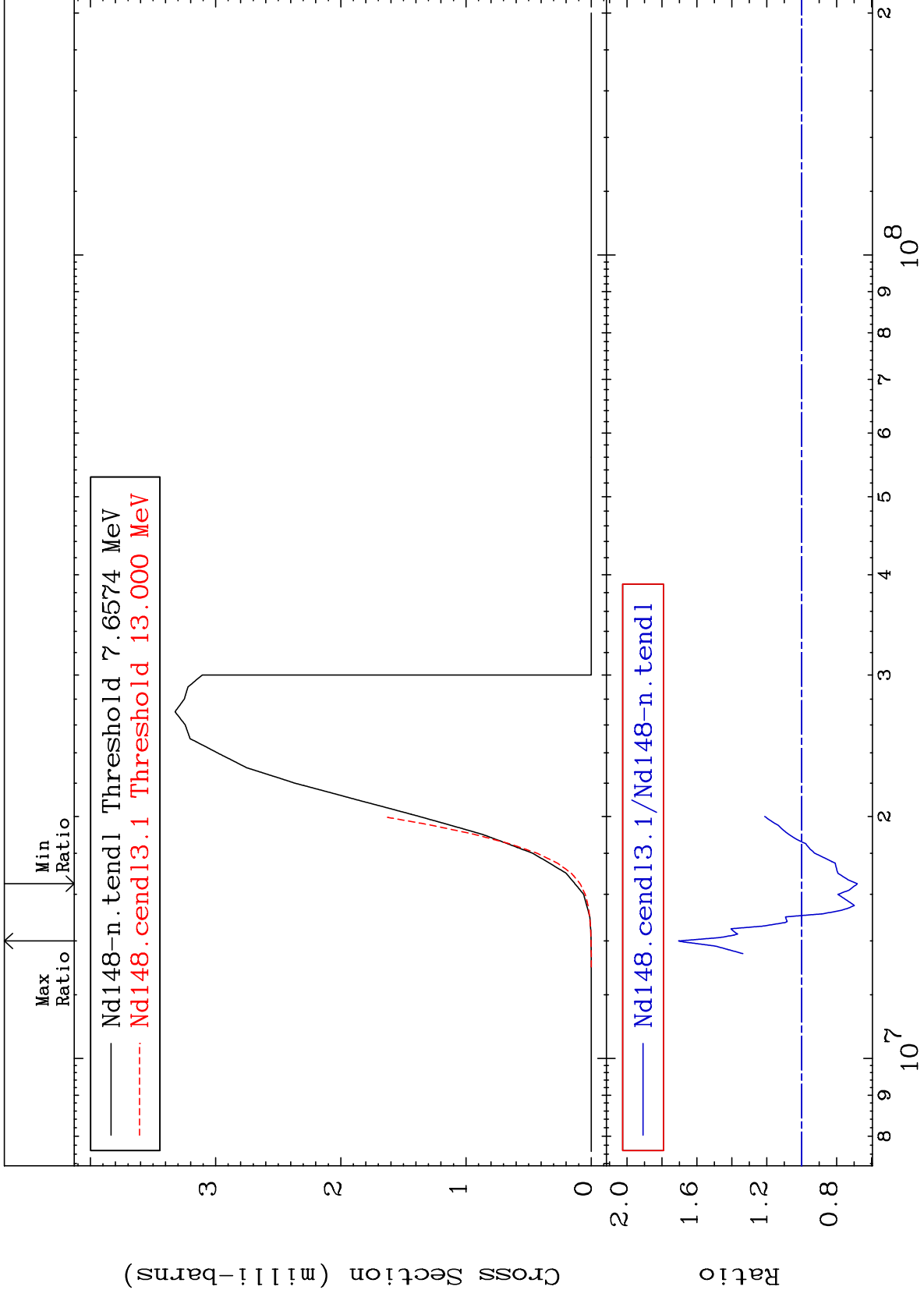
Incident Energy (eV)

60-Nd-148

MAT 6043

(n, t)  
Cross Section

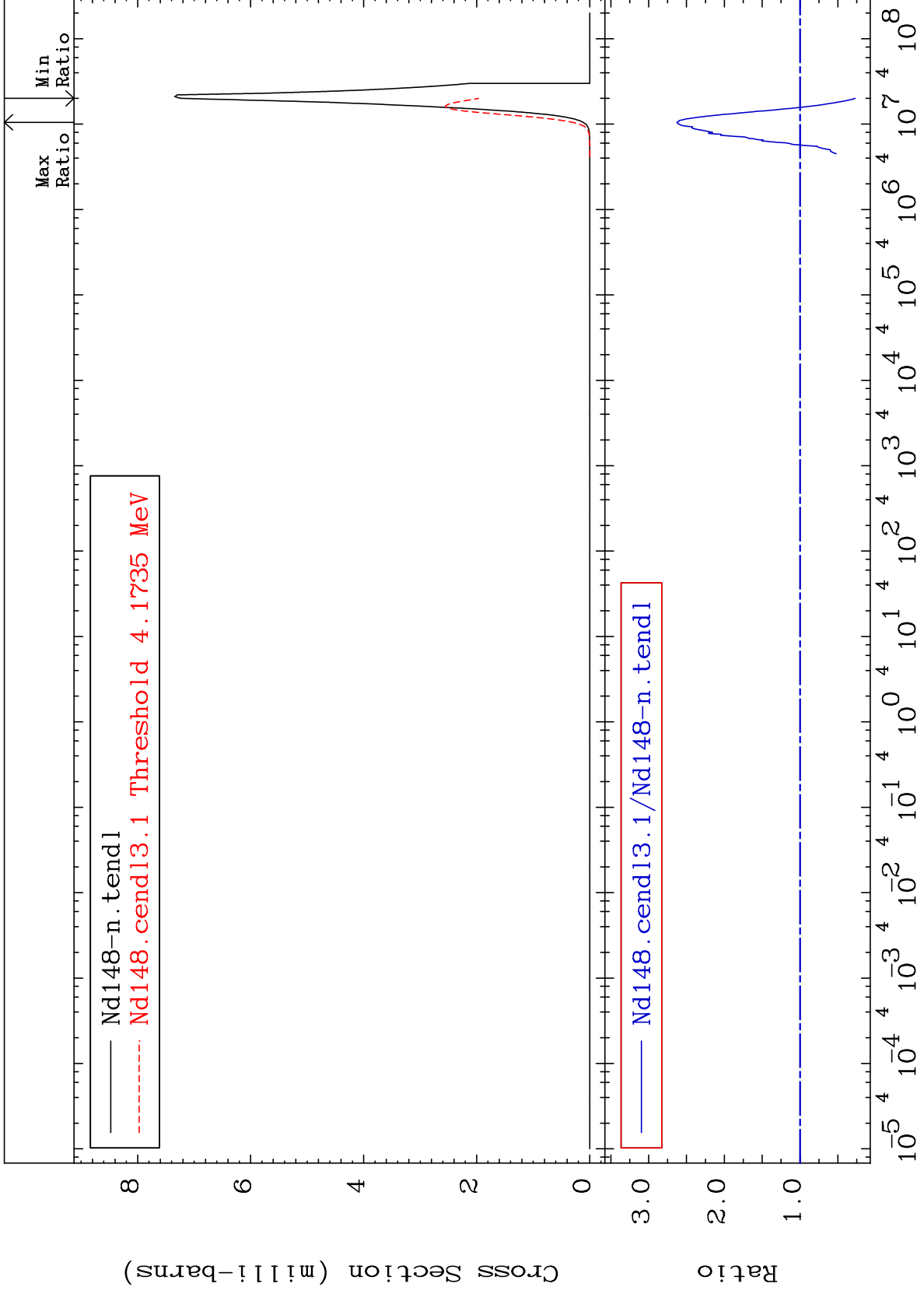
60-Nd-148  
-31.79 To 70.46 %



MAT 6043

(n,  $\alpha$ )  
Cross Section

60-Nd-148  
-72.79 To 162.7 %

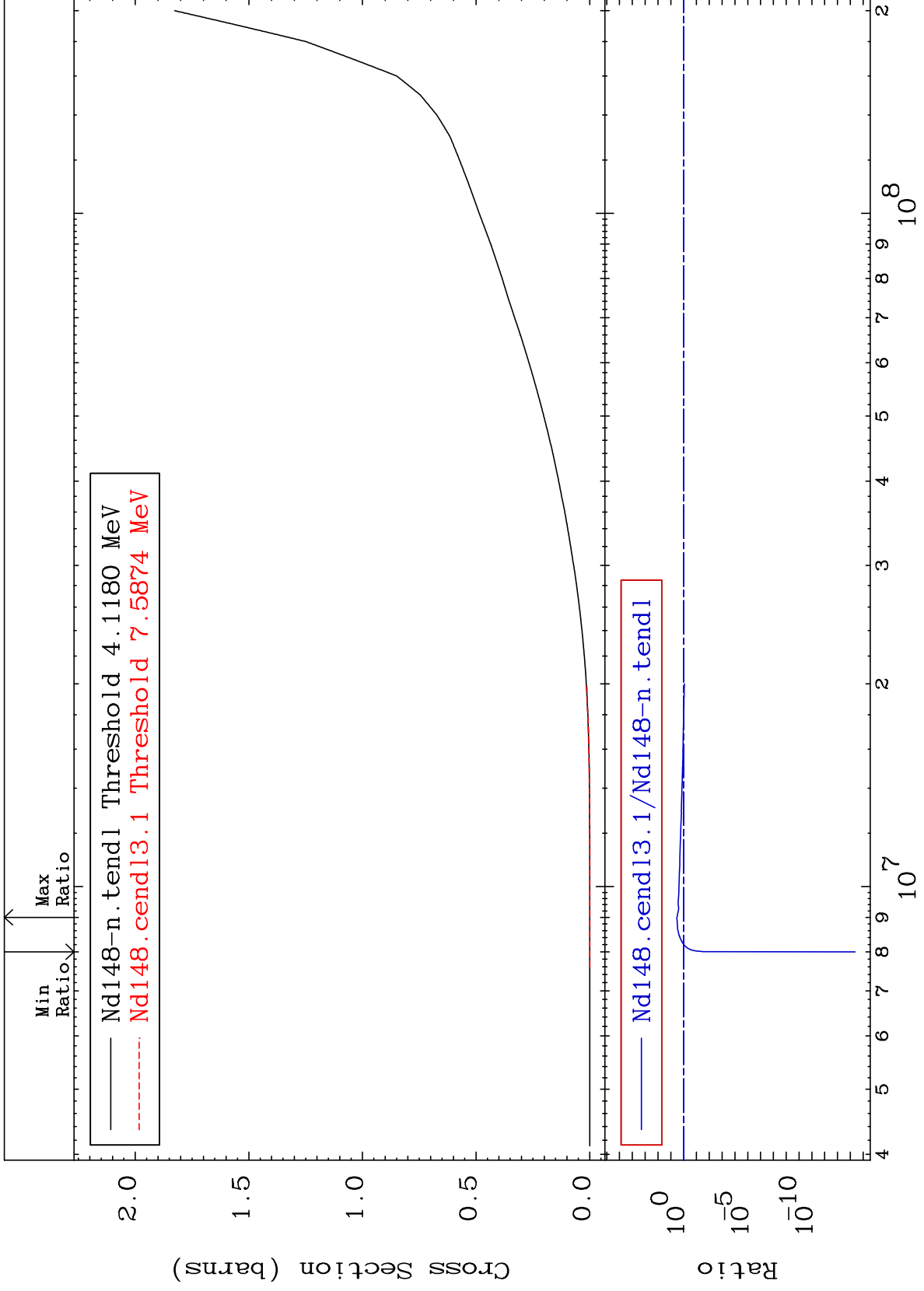




MAT 6043

Hydrogen Production  
Cross Section

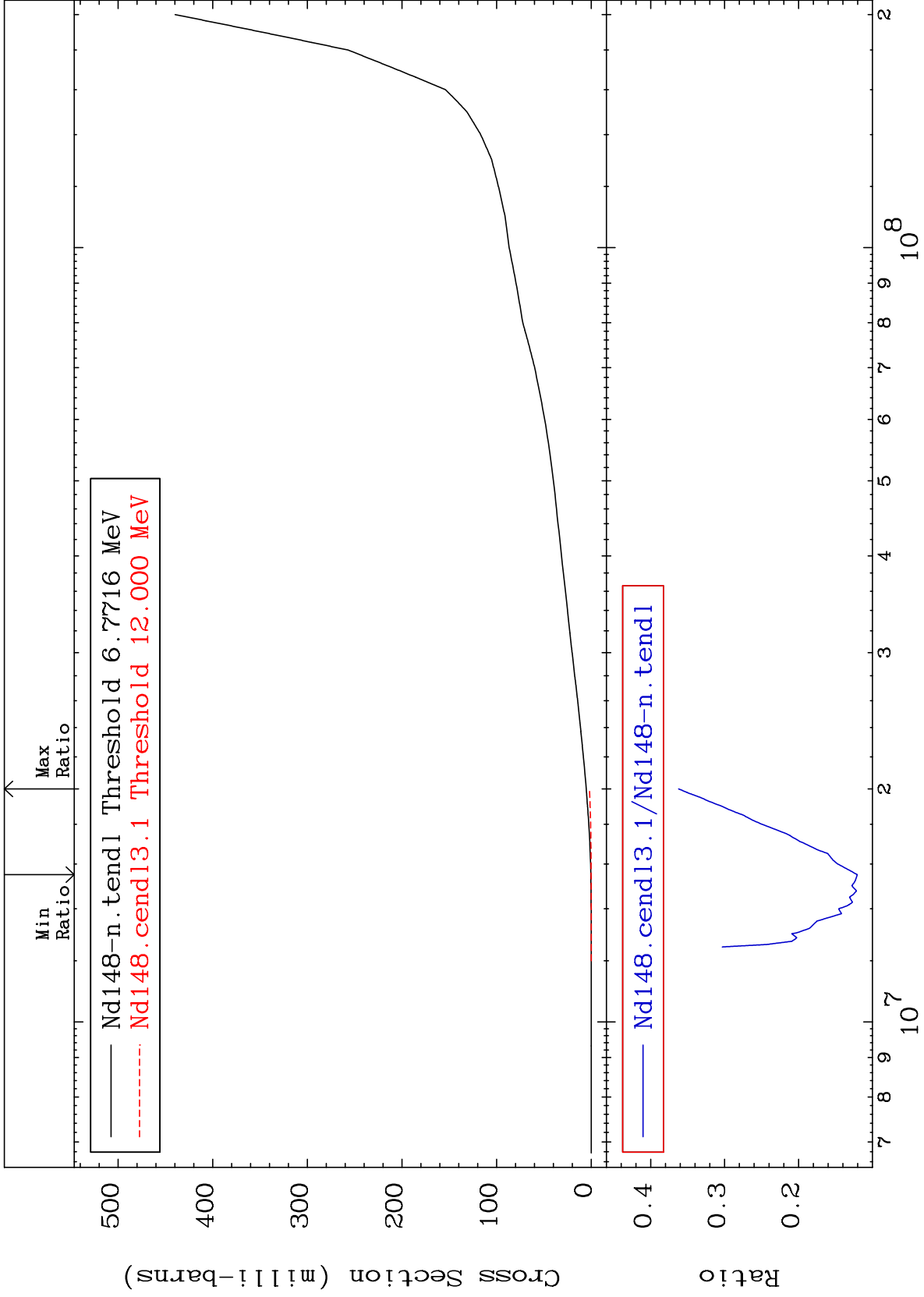
60-Nd-148  
-100.0 To 232.1 %



MAT 6043

Deuterium Production  
Cross Section

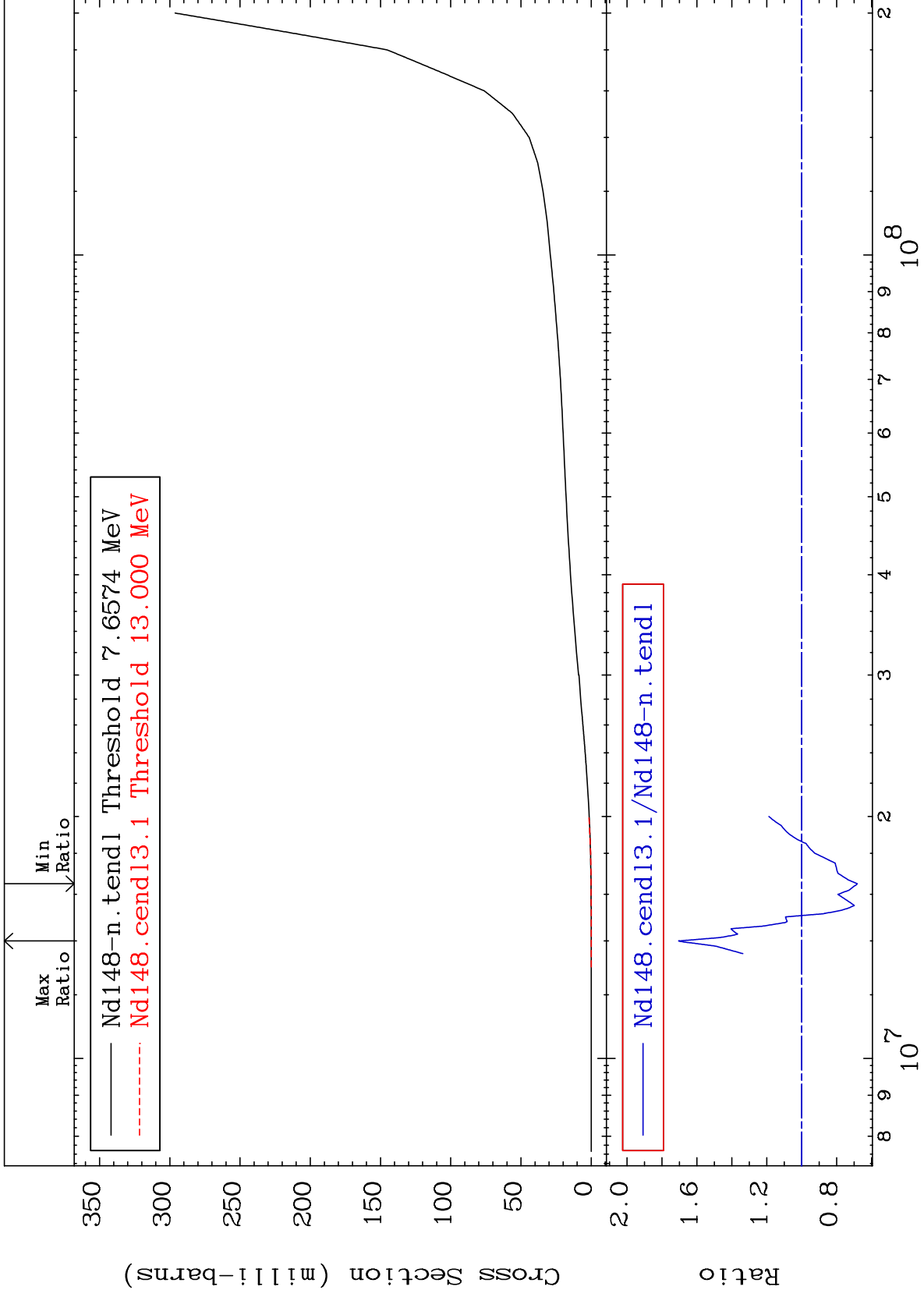
60-Nd-148  
-87.94 To -63.78%



MAT 6043

Tritium Production  
Cross Section

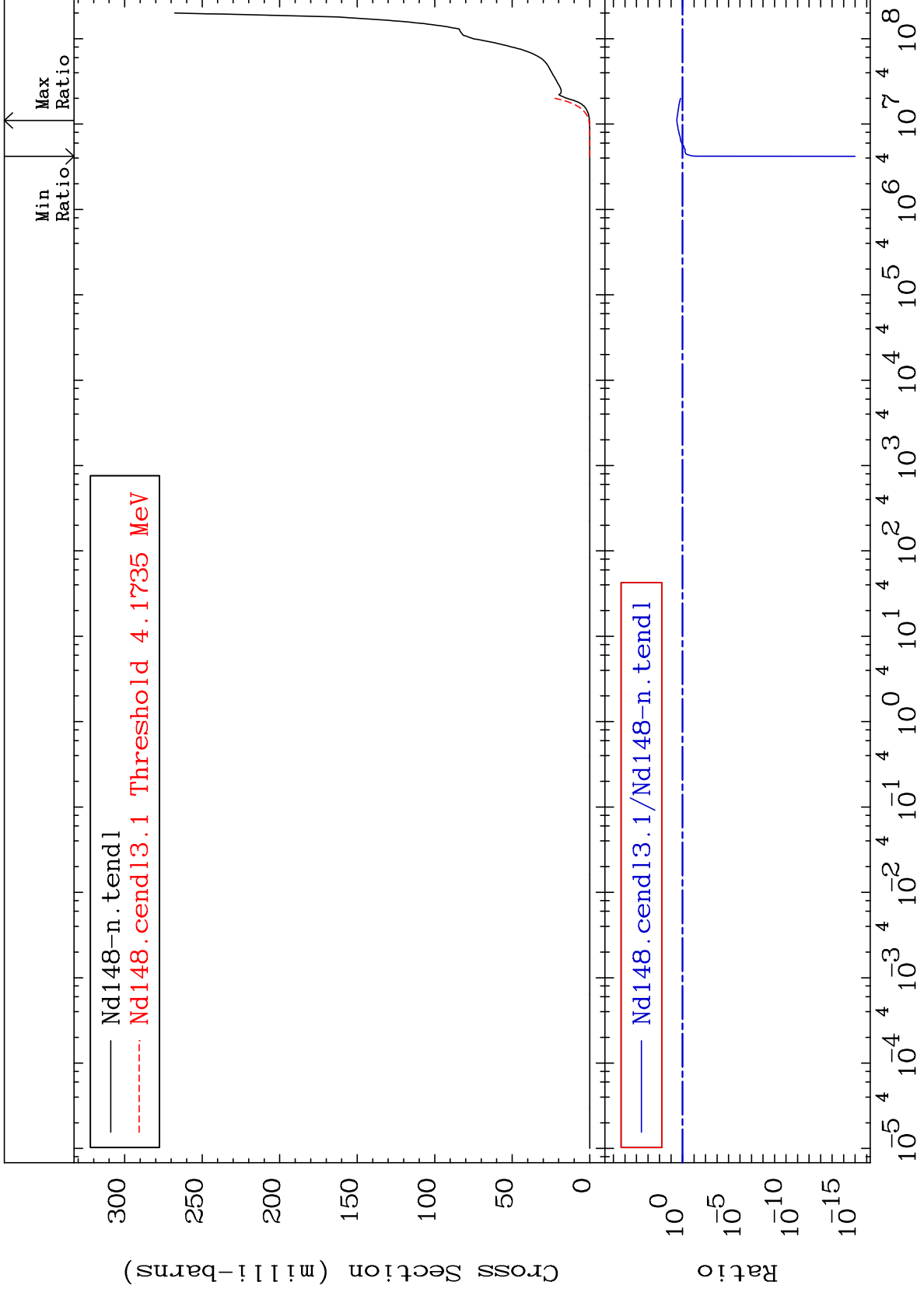
60-Nd-148  
-31.79 To 70.46 %



MAT 6043

He-4 Production  
Cross Section

60-Nd-148  
-100.0 To 205.7 %



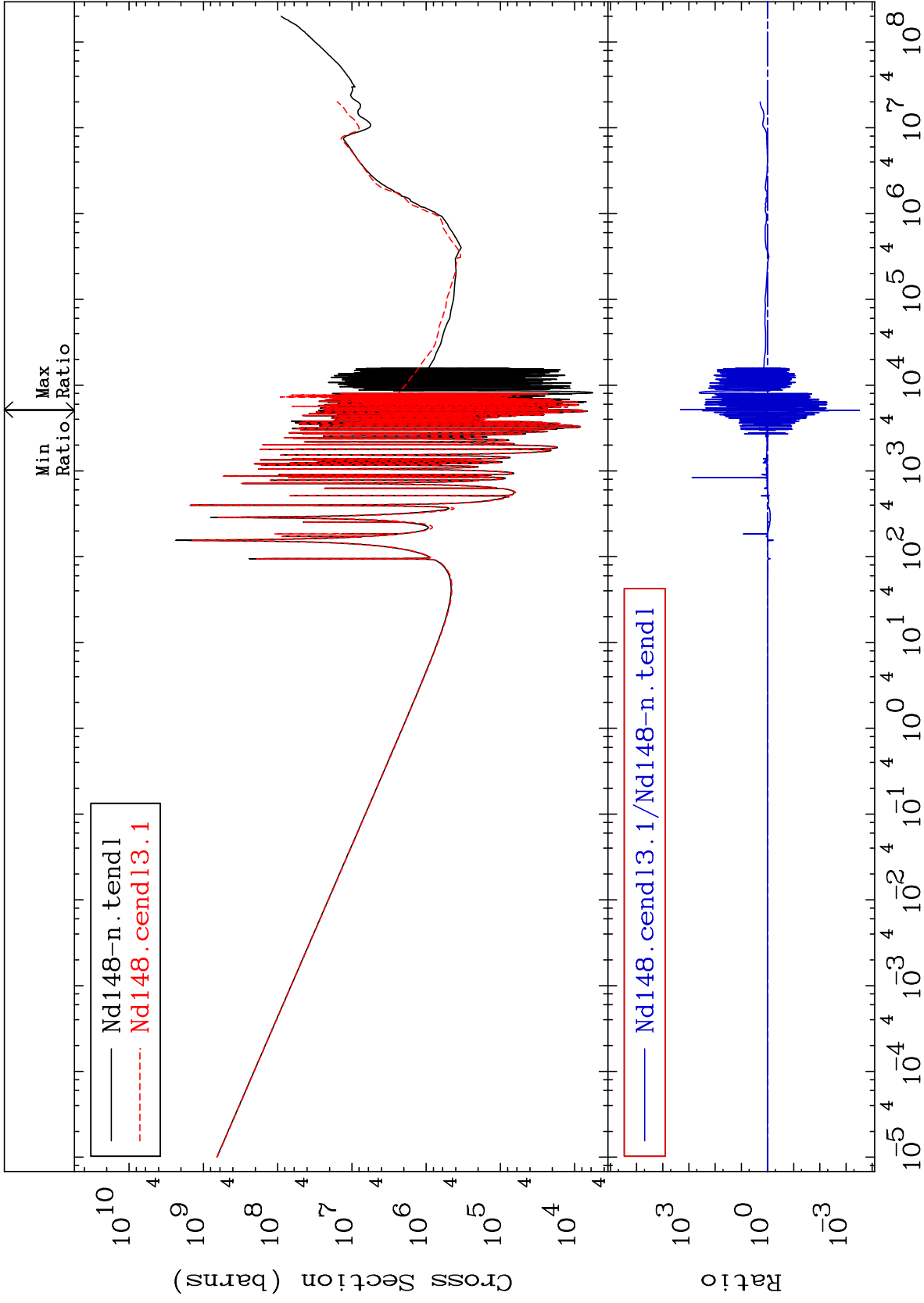
MAT 6043

Kerma total (eV-barns)

60-Nd-148

Cross Section

-99.97 To 9999. %



29

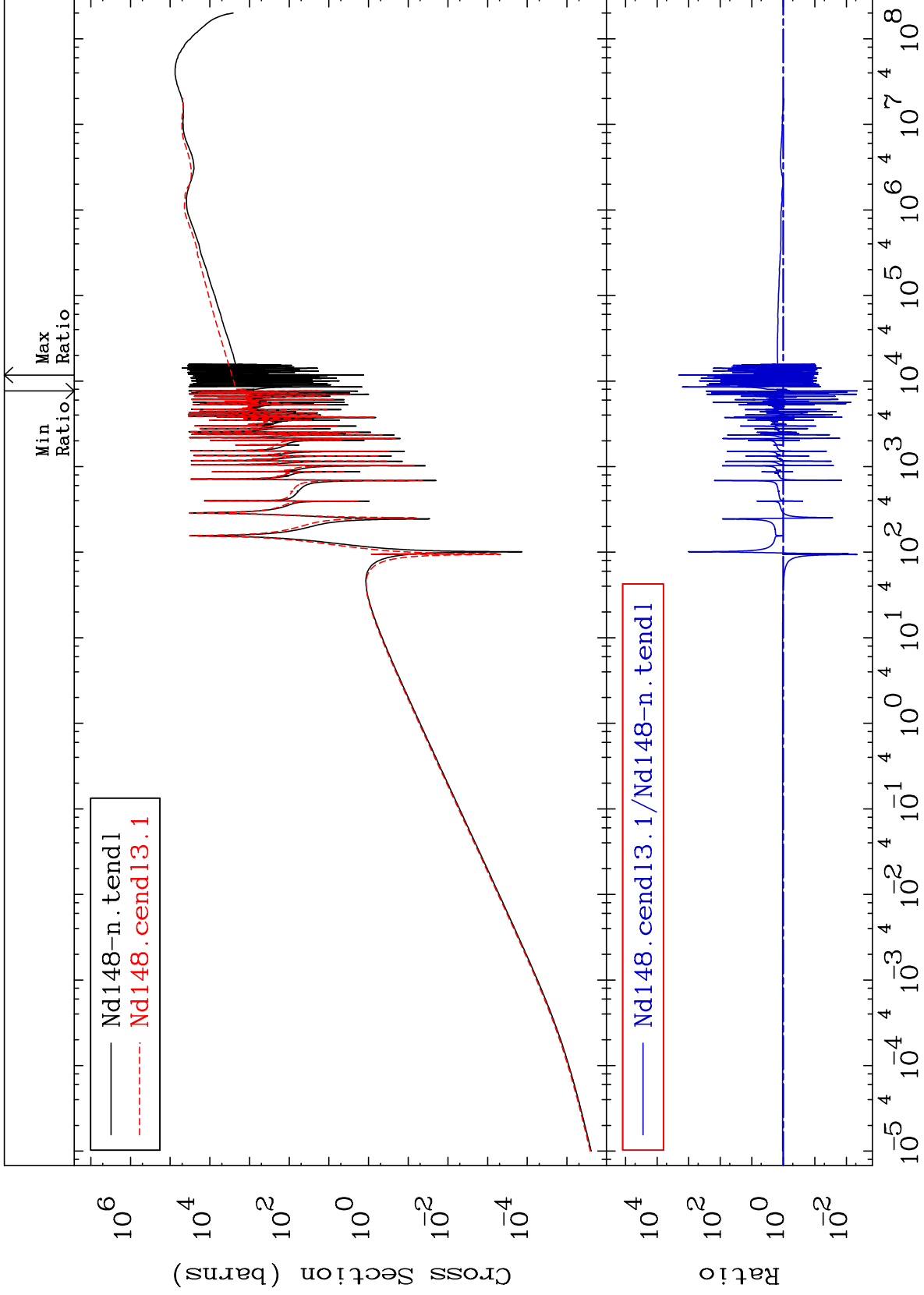
Incident Energy (eV)

60-Nd-148

MAT 6043

Kerma elastic  
Cross Section

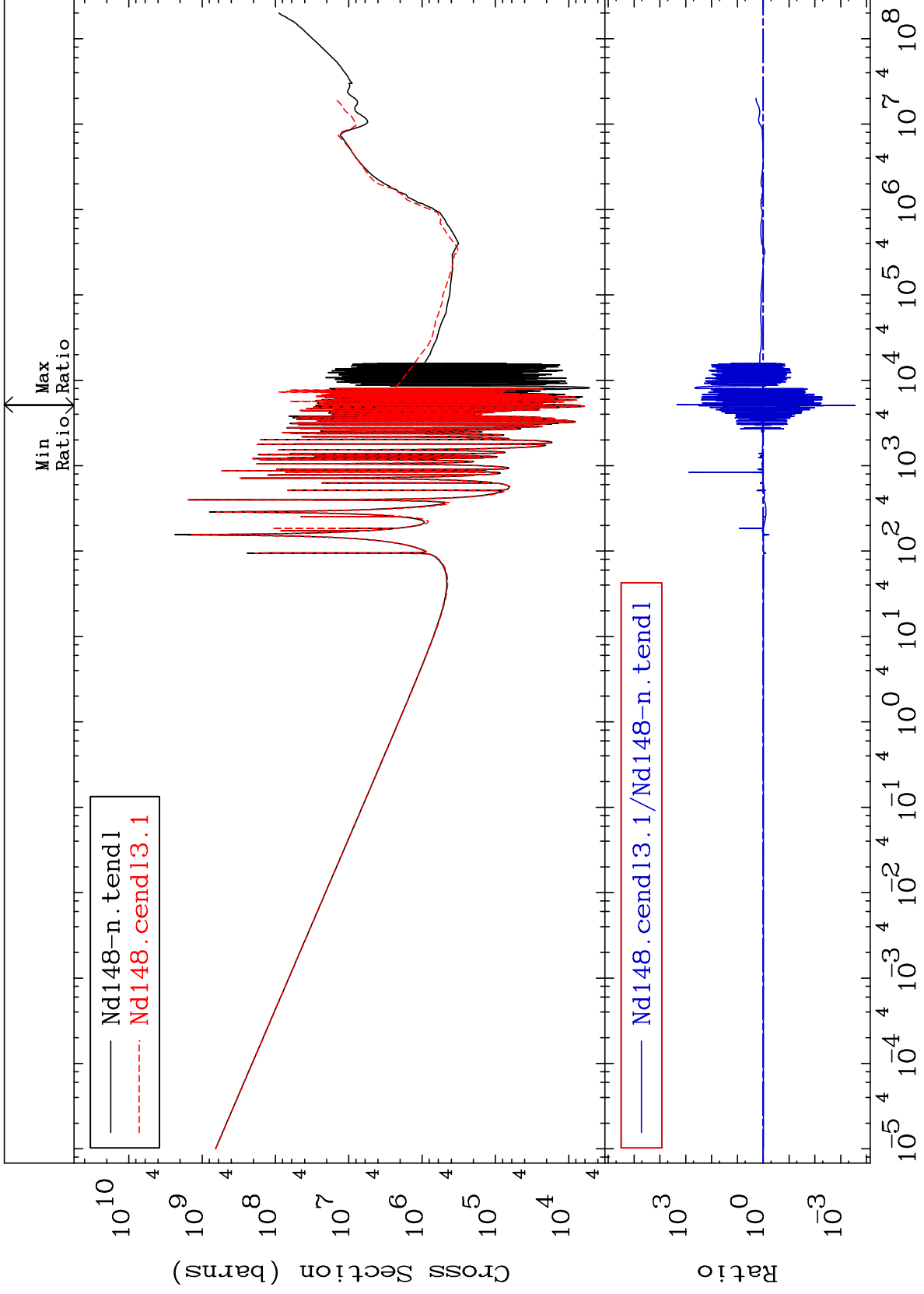
60-Nd-148  
-99.55 To 9999. %

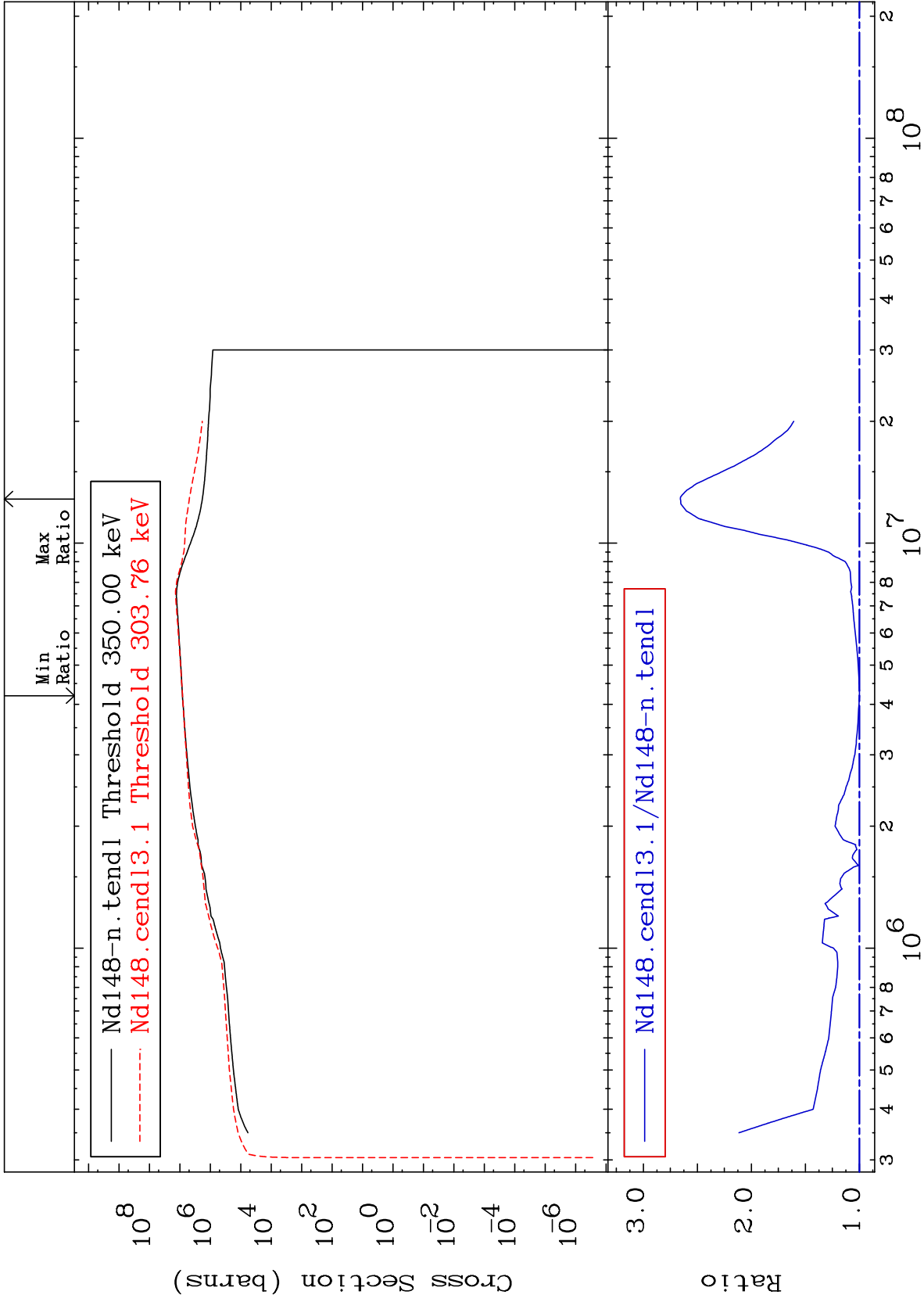


MAT 6043

Kerma non-elastic (all but mt2)  
Cross Section

60-Nd-148  
-99.97 To 9999. %



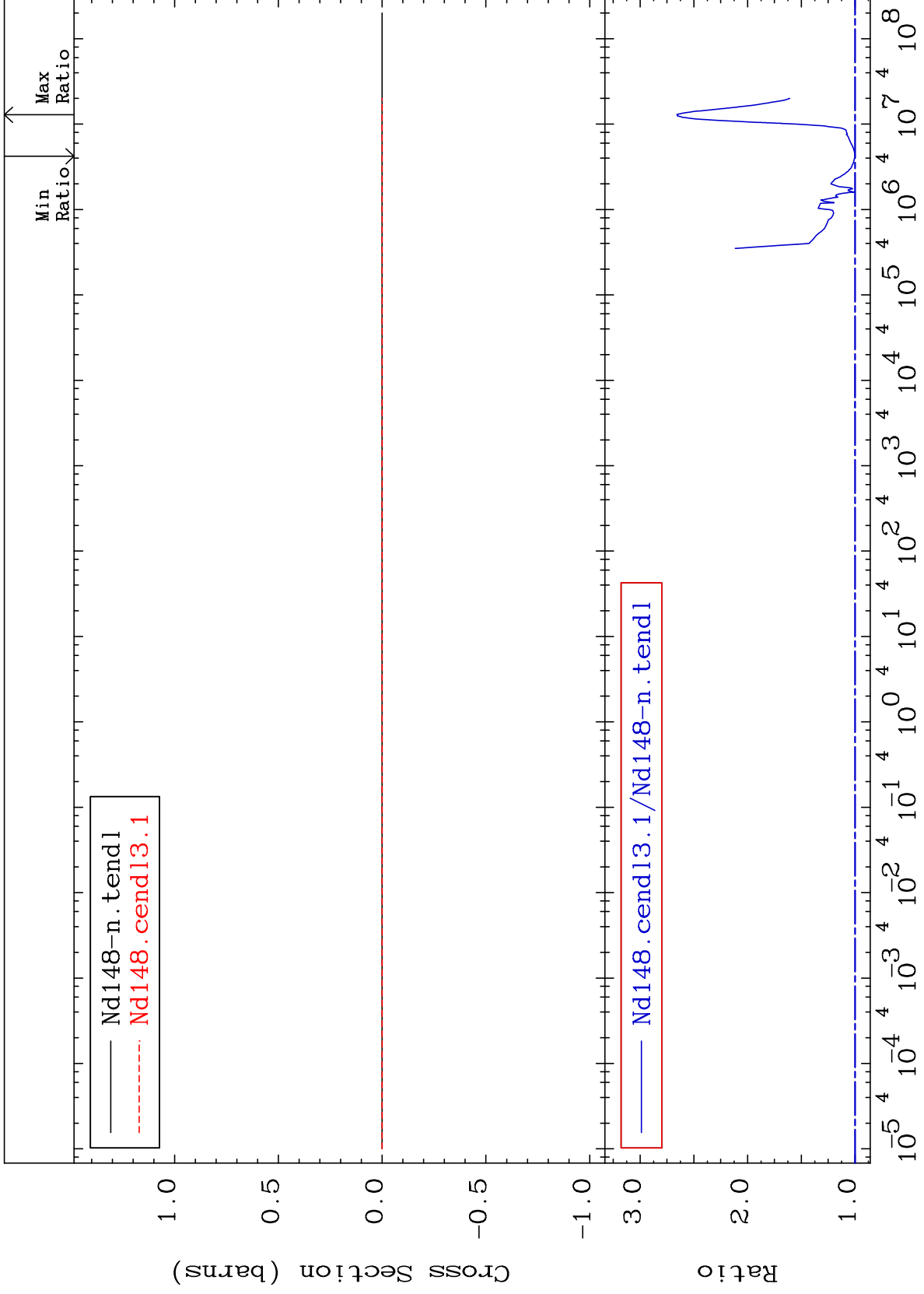




MAT 6043

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

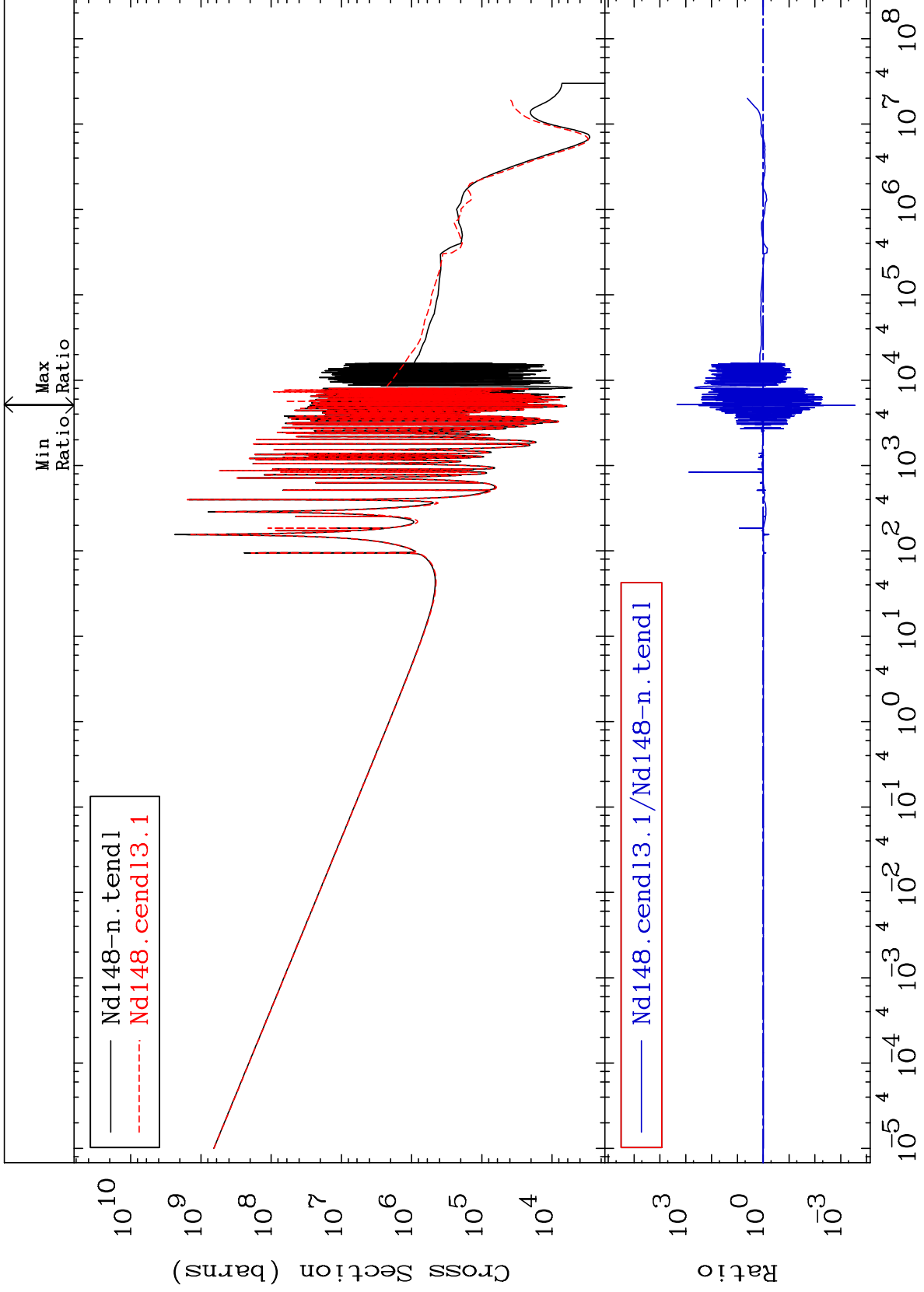
60-Nd-148  
-0.057 To 165.8 %



MAT 6043

Kerma capture (mt102)  
Cross Section

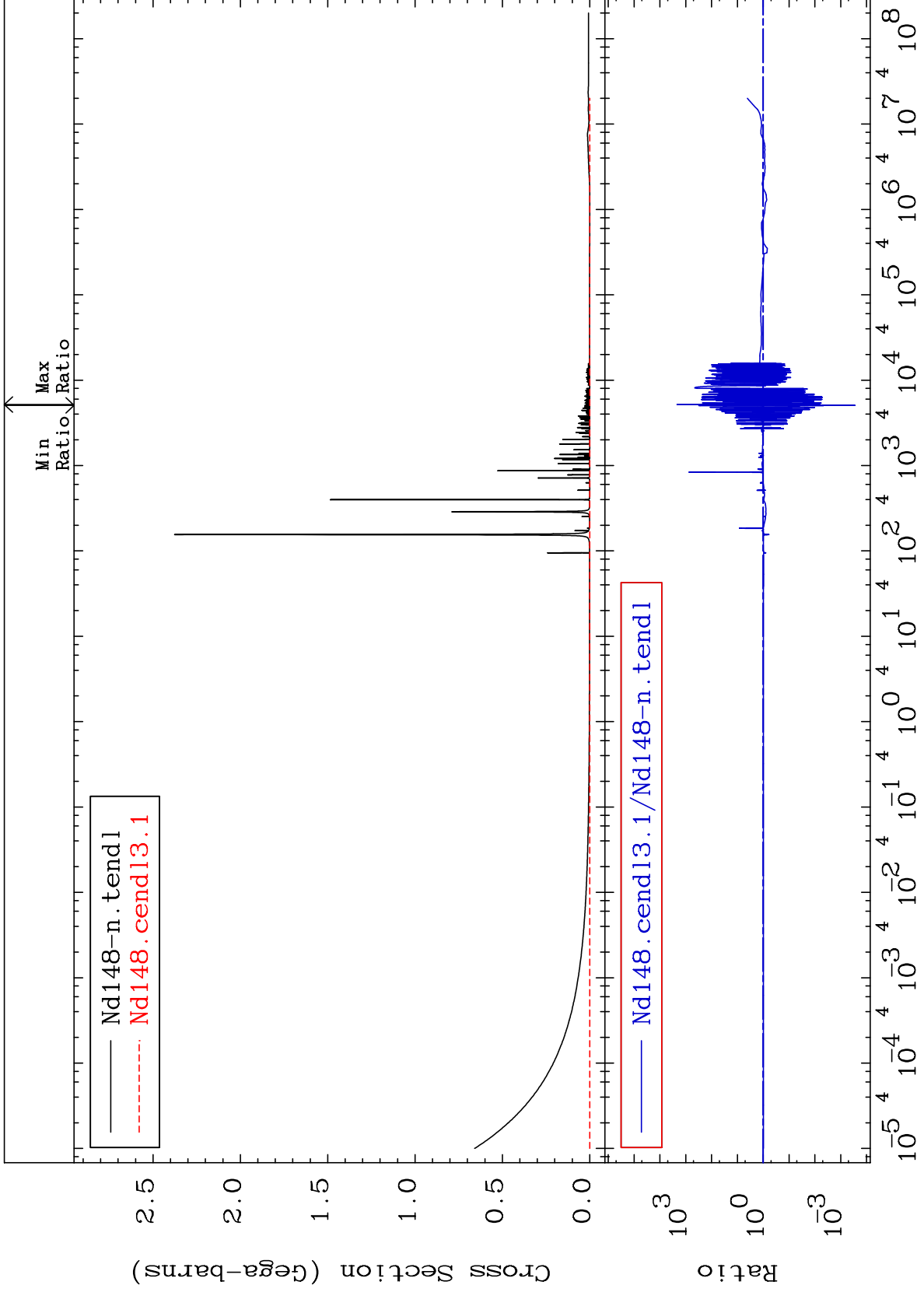
60-Nd-148  
-99.97 To 9999. %

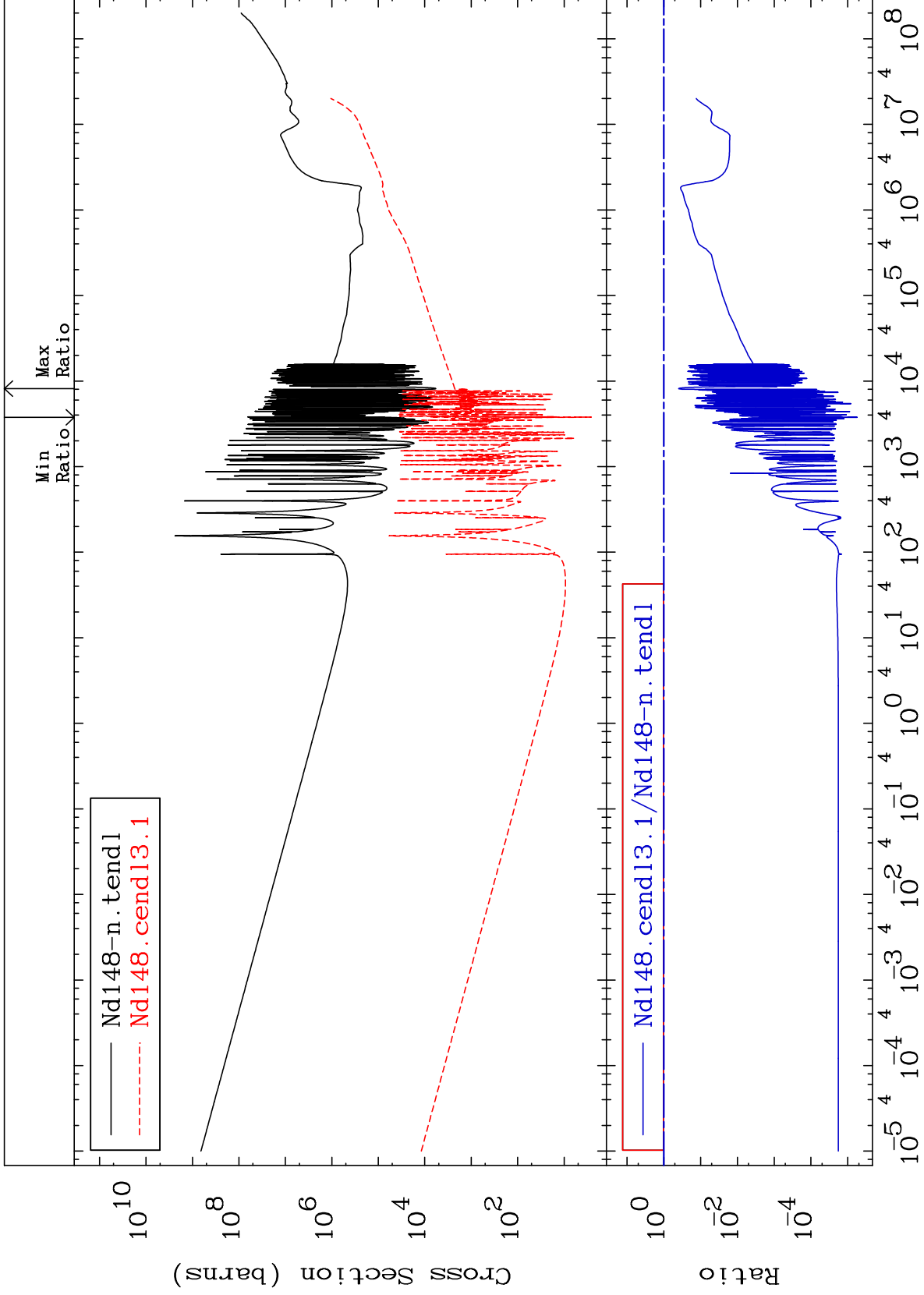


MAT 6043

Total photon (eV-barns)  
Cross Section

60-Nd-148  
-99.97 To 9999. %

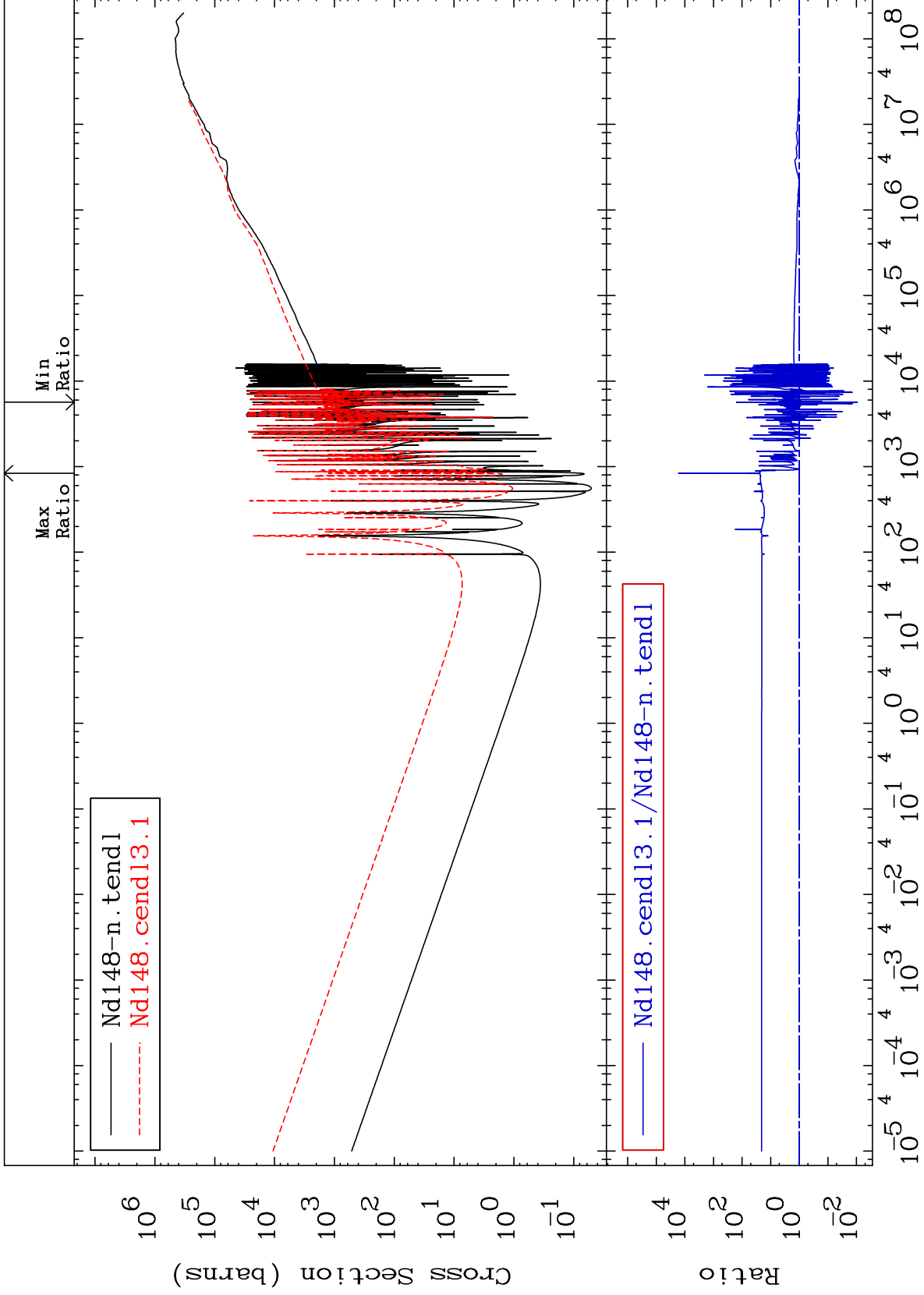




MAT 6043

Dpa total (eV-barns)  
Cross Section

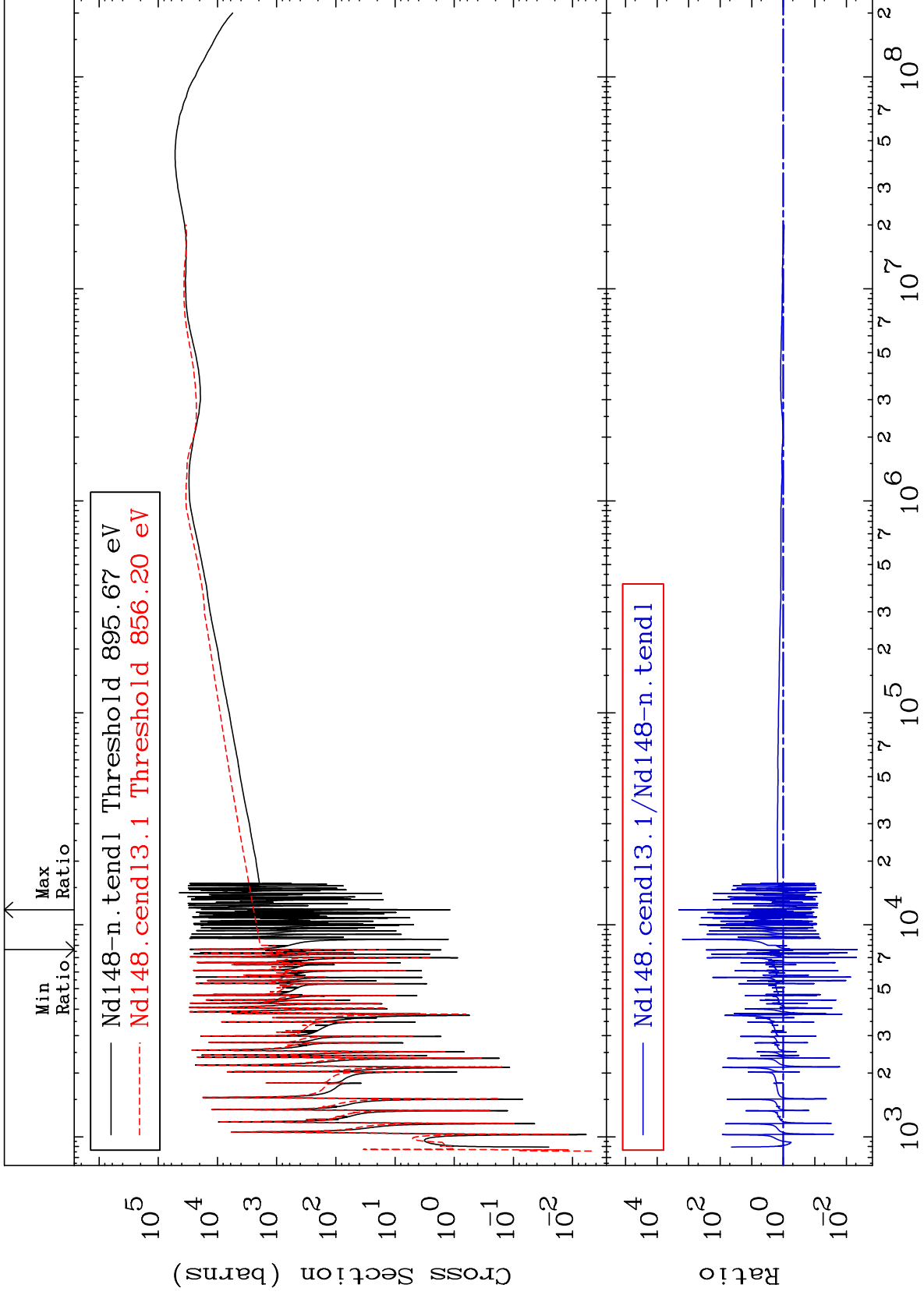
60-Nd-148  
-99.06 To 9999. %



MAT 6043

Dpa elastic (mt2)  
Cross Section

60-Nd-148  
-99.55 To 9999. %



38

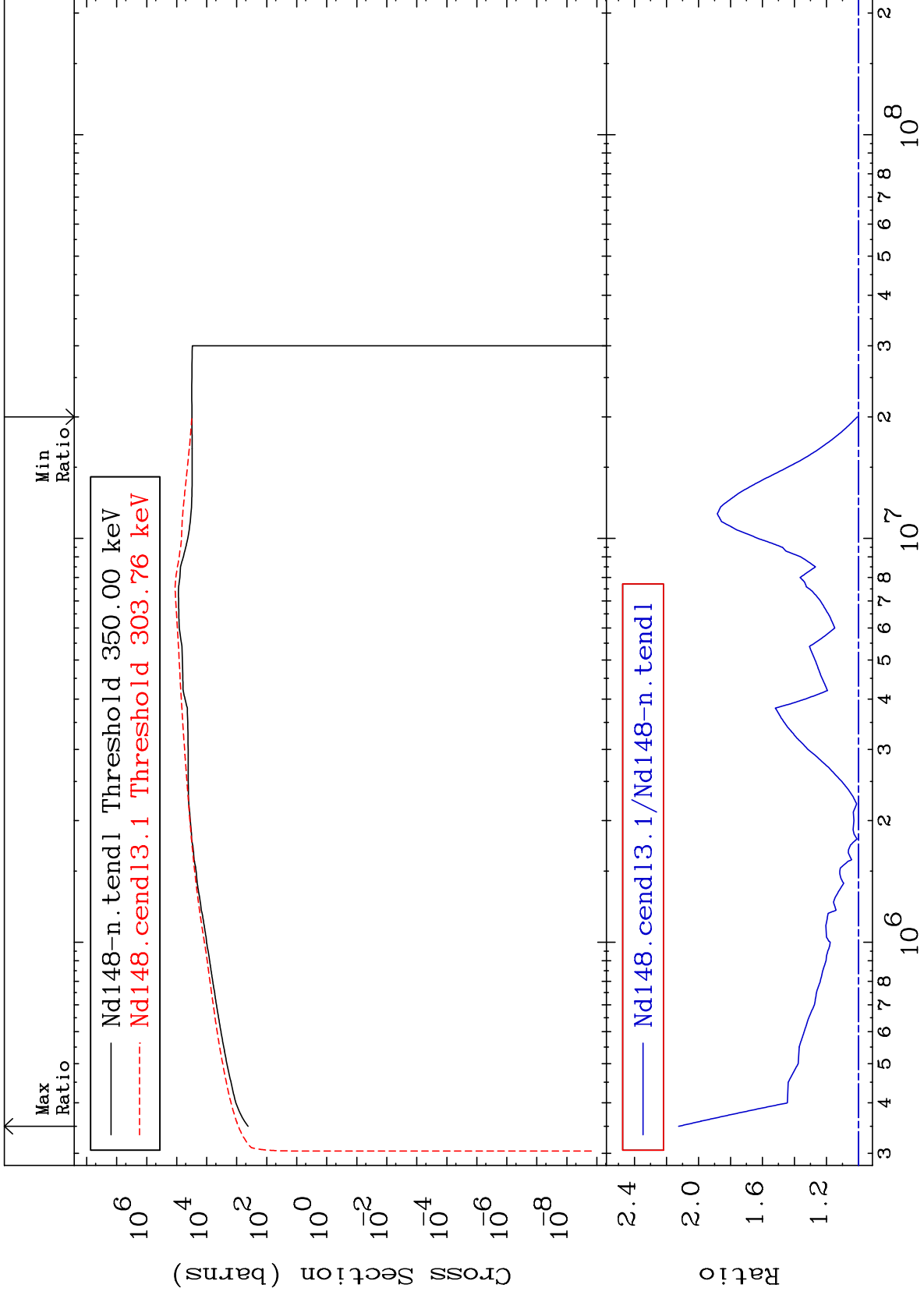
Incident Energy (eV)

60-Nd-148

MAT 6043

Dpa inelastic (mt51-91)  
Cross Section

60-Nd-148  
0.781 To 112.4 %



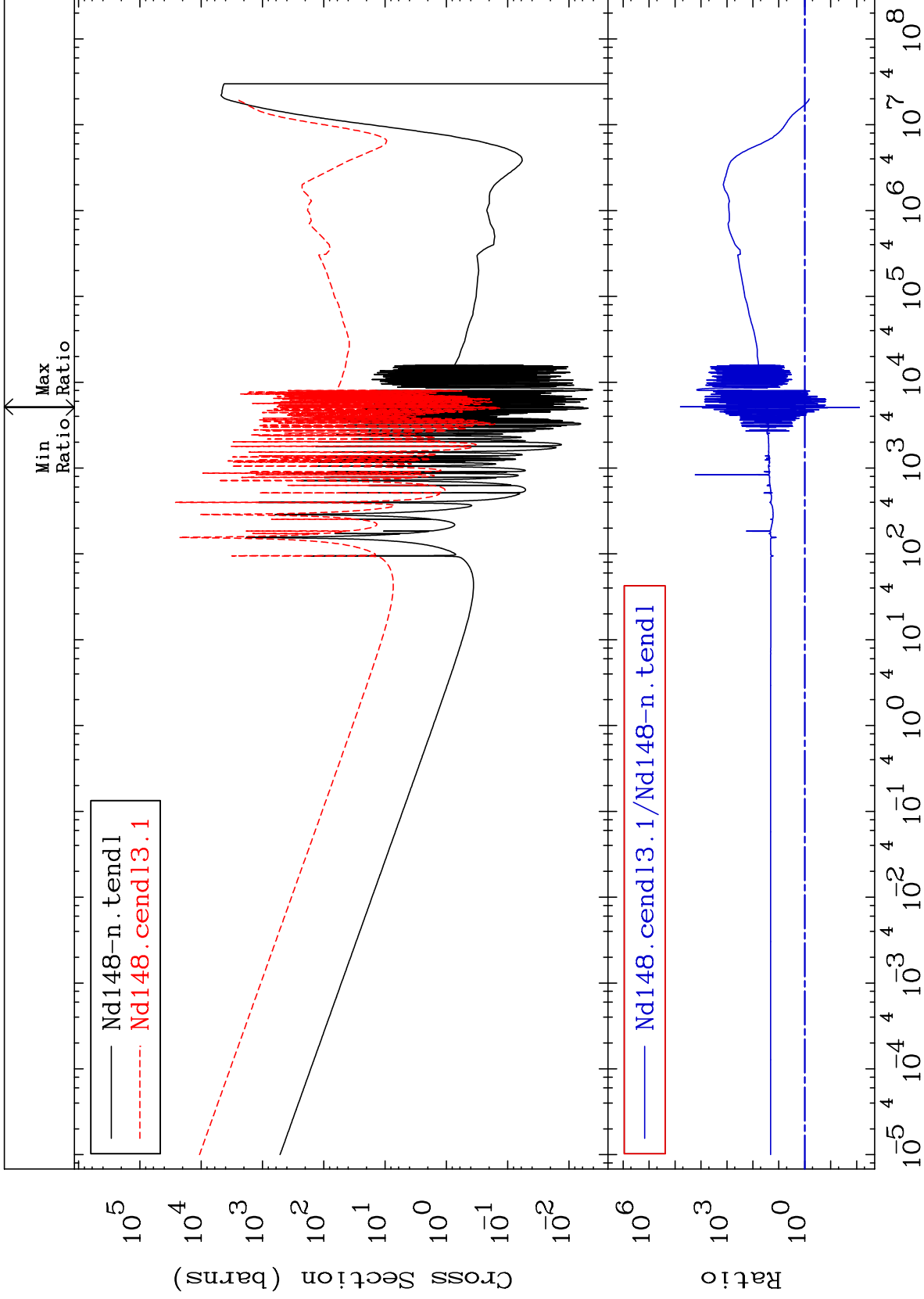
39

60-Nd-148

MAT 6043

Dpa disappearance (mt102 -120)  
Cross Section

60-Nd-148  
-99.22 To 9999. %



40

Incident Energy (eV)

60-Nd-148