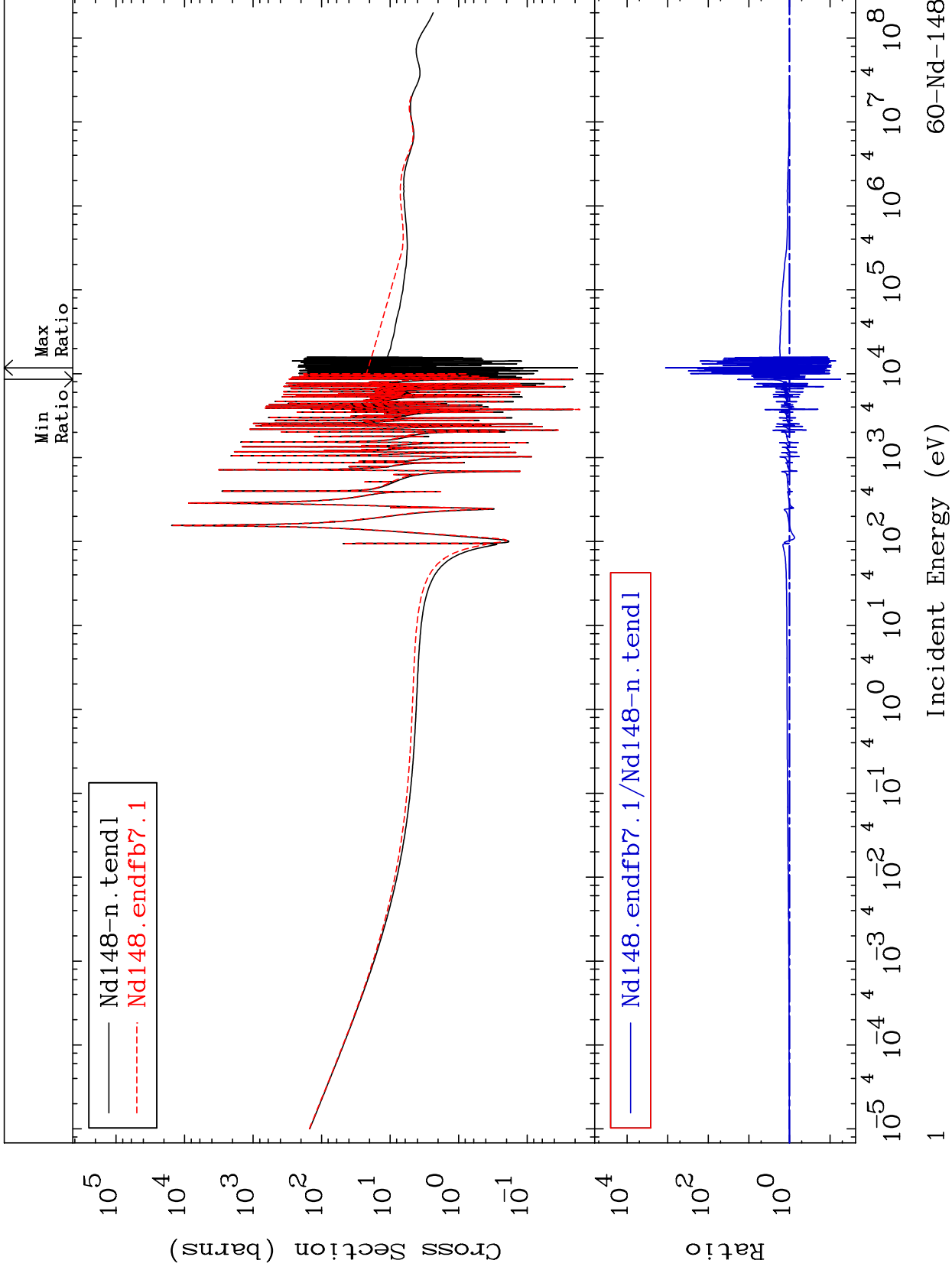


MAT 6043

Total  
Cross Section

60-Nd-148  
-94.55 To 9999. %



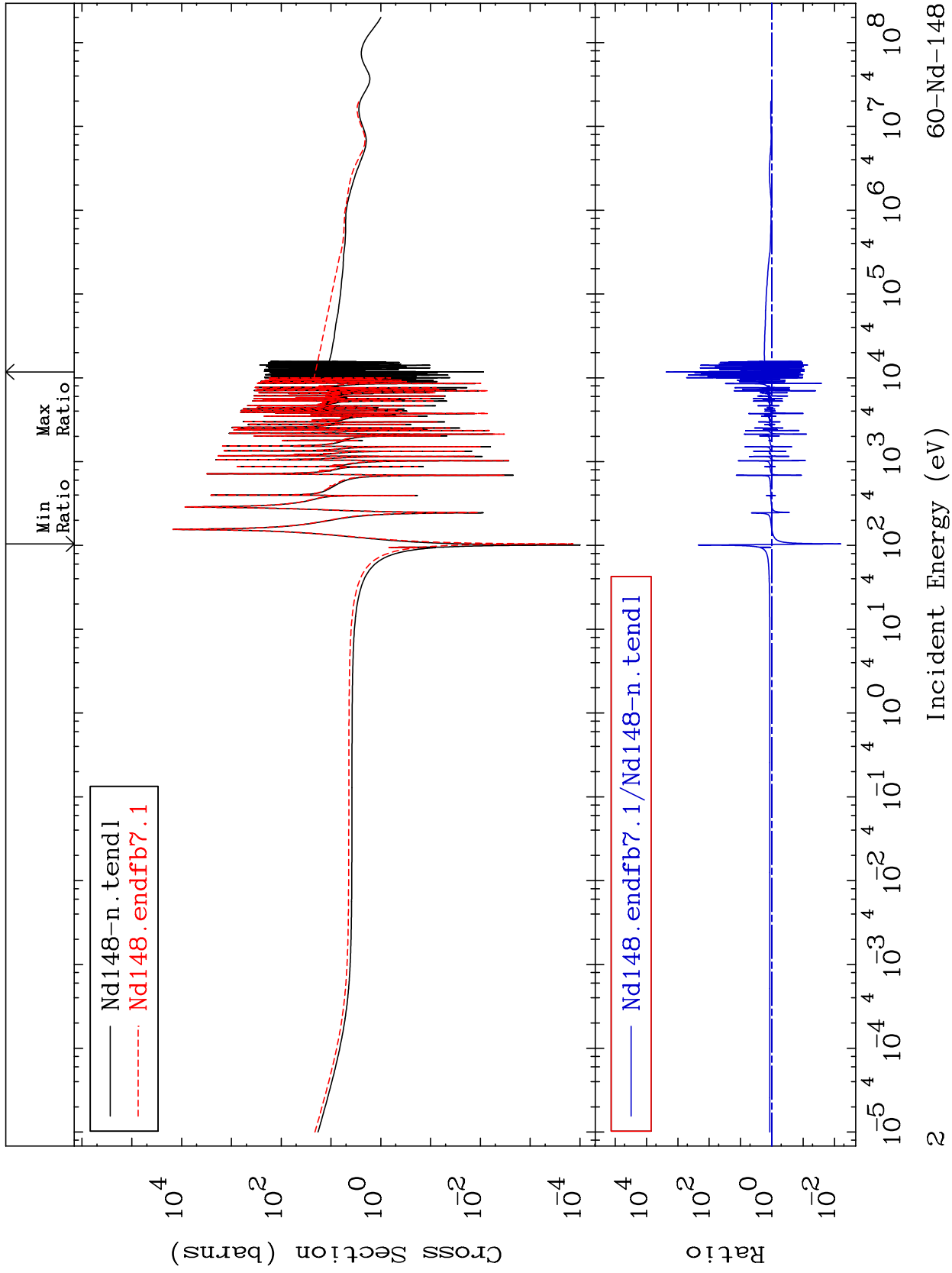
60-Nd-148

Incident Energy (eV)

MAT 6043

Elastic  
Cross Section

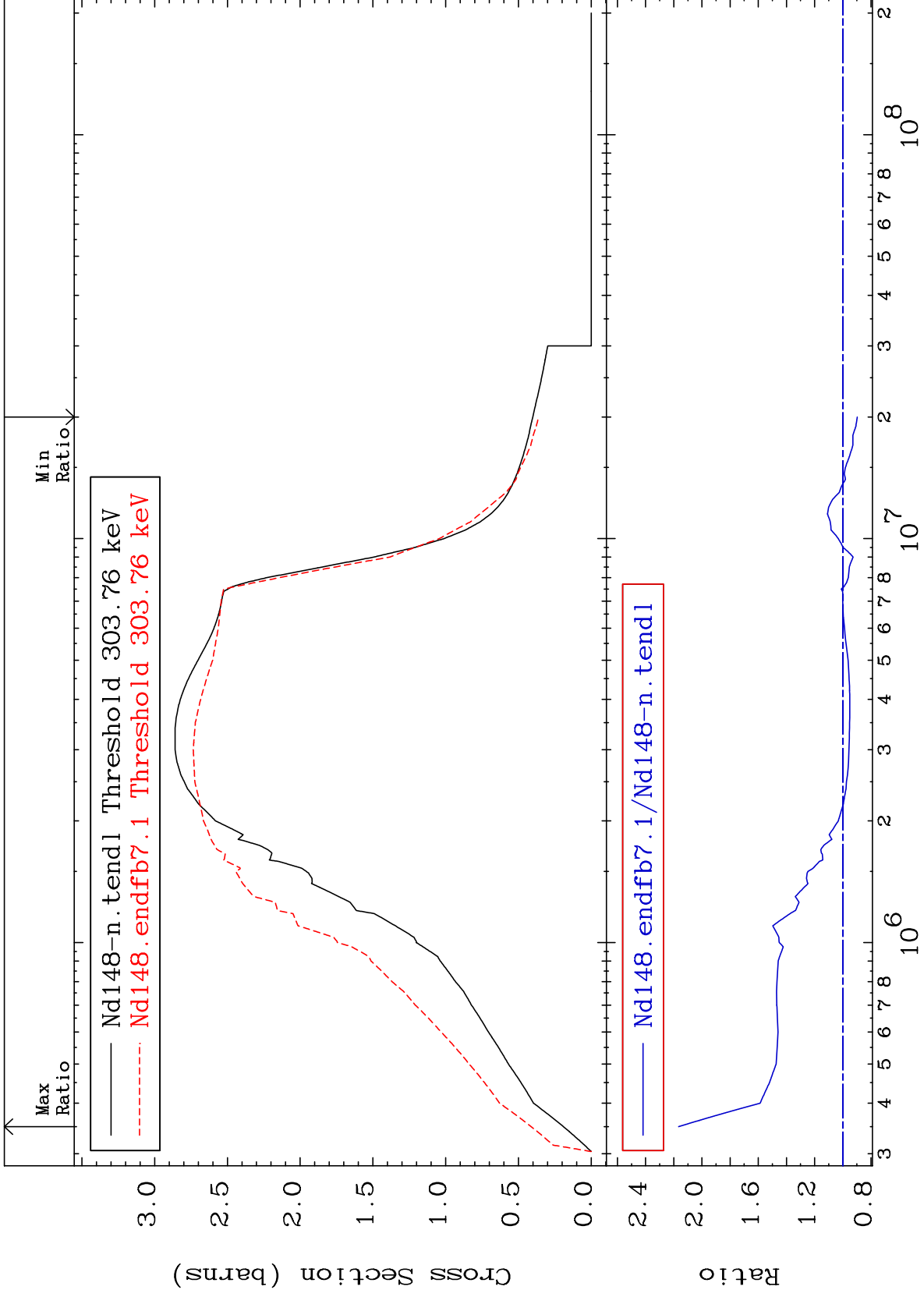
60-Nd-148  
-99.38 To 9999. %



MAT 6043

Inelastic  
Cross Section

60-Nd-148  
-10.25 To 116.5 %



3

Incident Energy (eV)

60-Nd-148

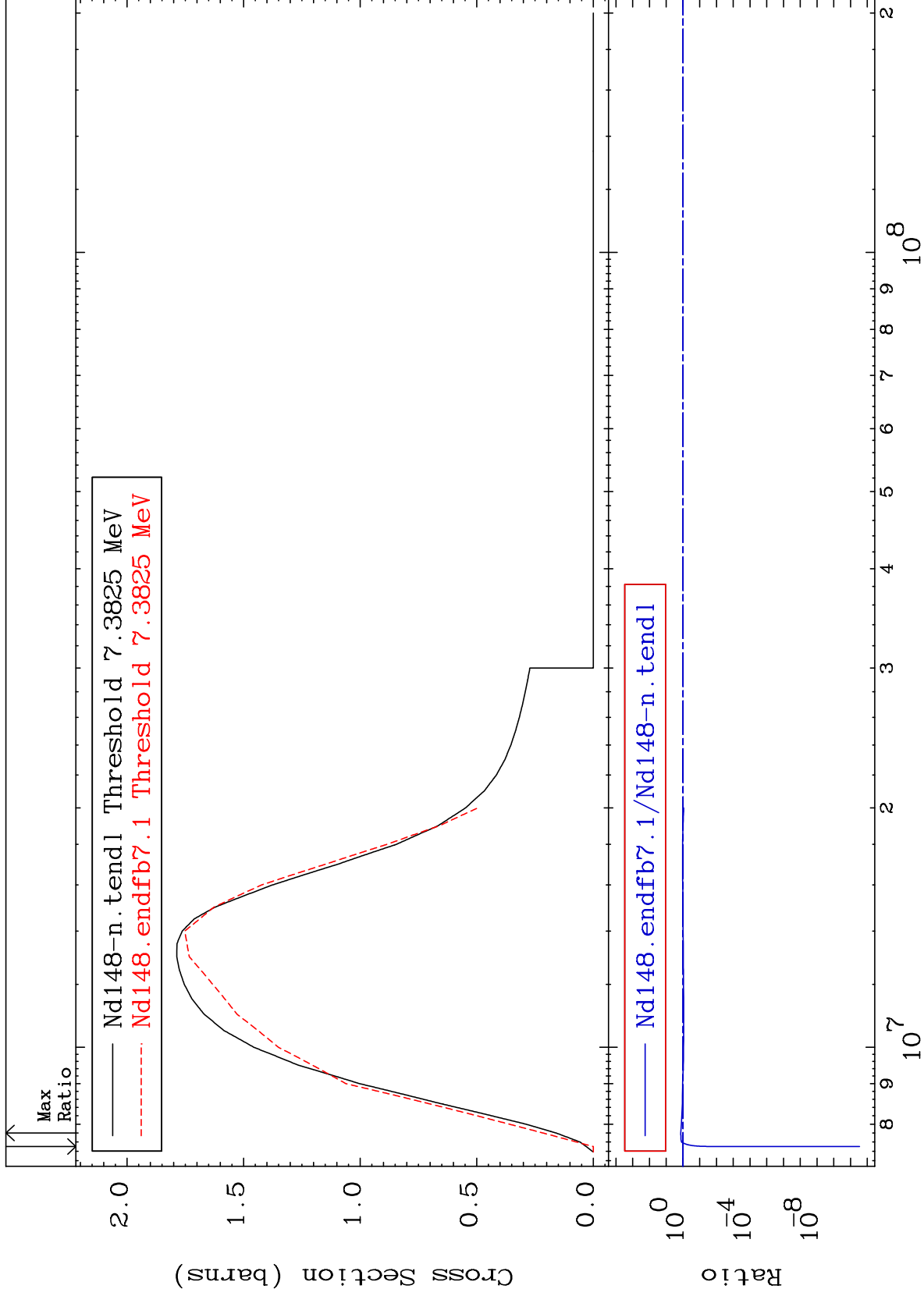
MAT 6043

(n,2n)

60-Nd-148

Cross Section

-100.0 To 35.10 %



4

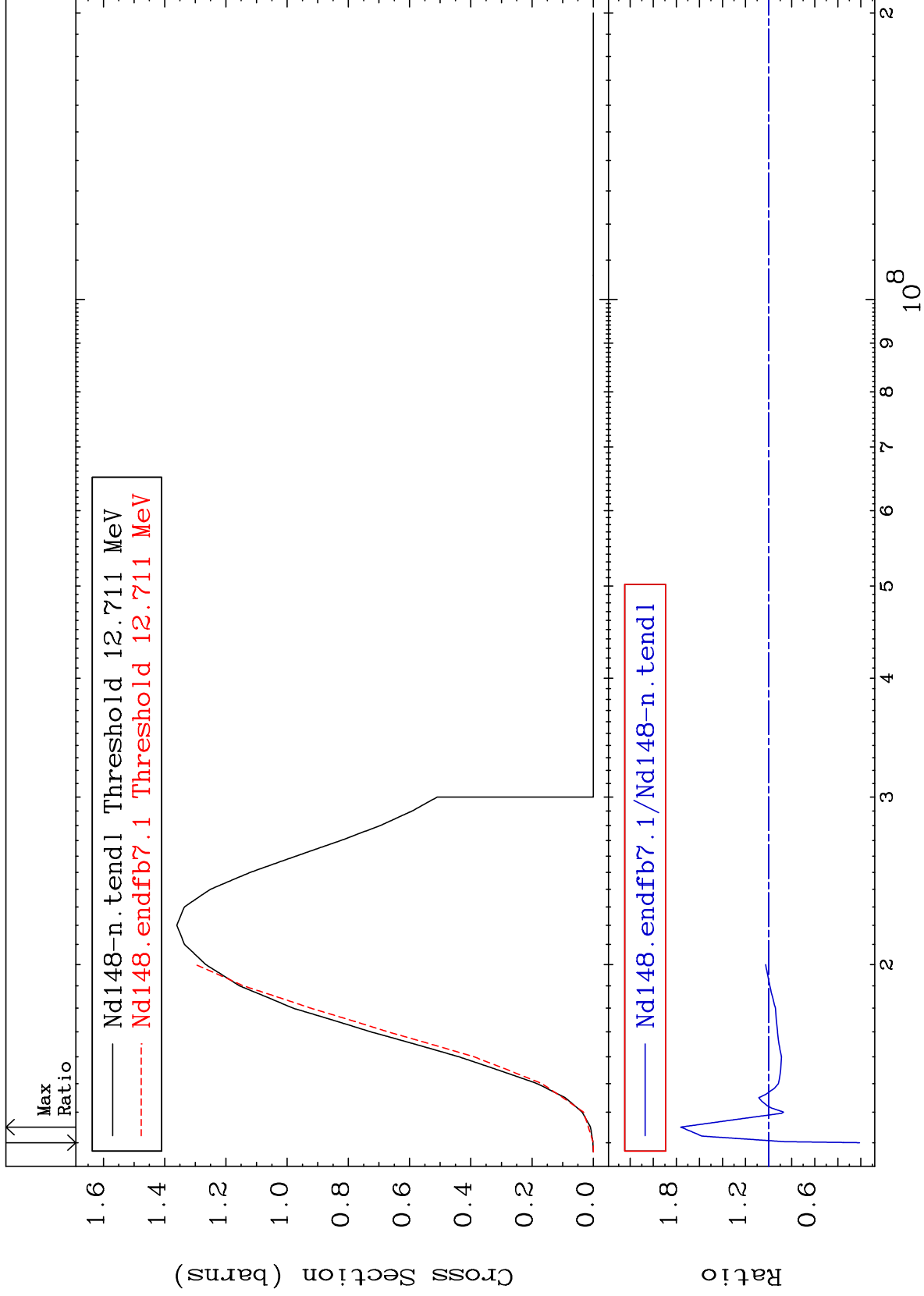
Incident Energy (eV)

60-Nd-148

MAT 6043

(n,3n)  
Cross Section

60-Nd-148  
-78.85 To 76.17 %



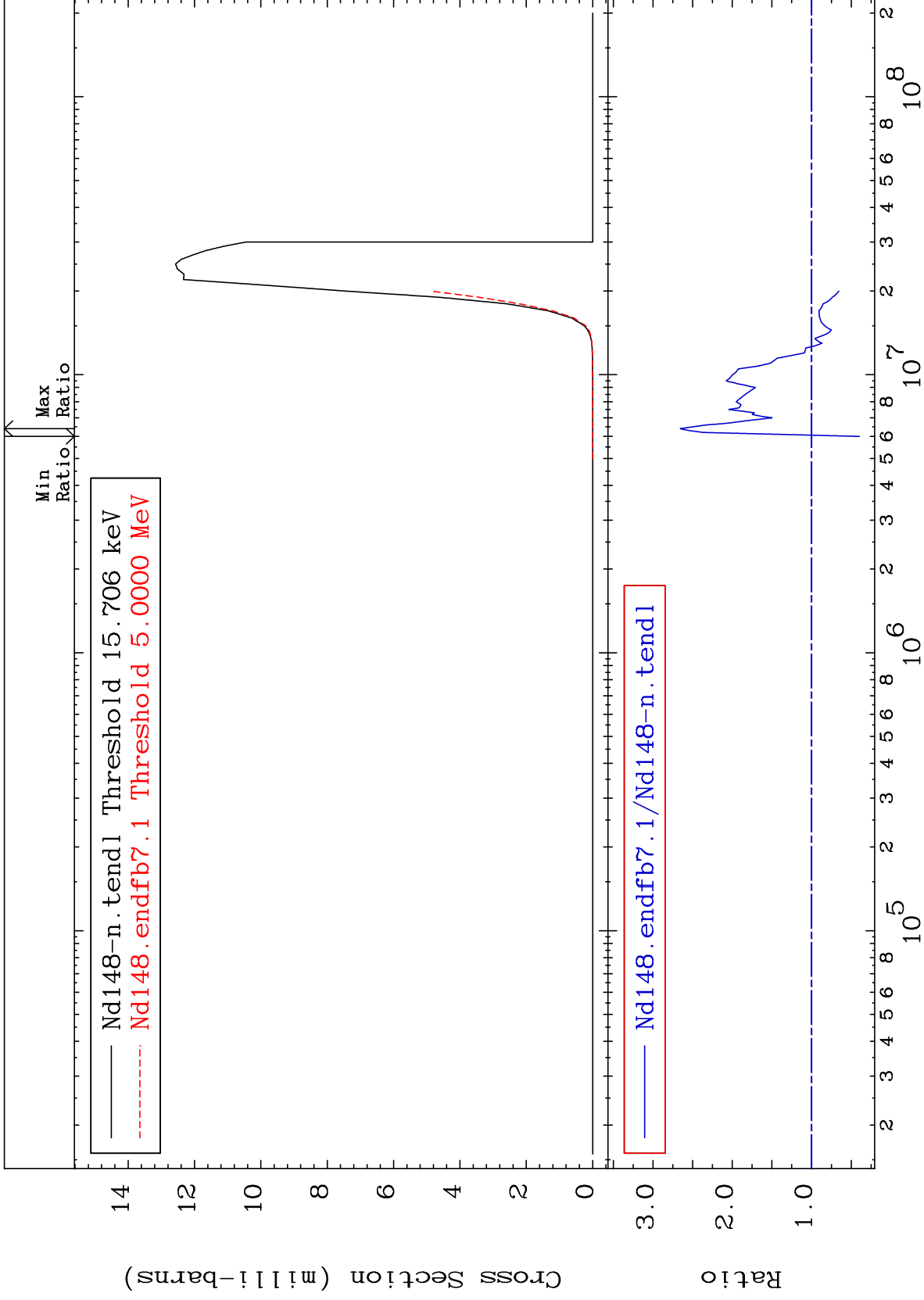
MAT 6043

$(n, n') \alpha$

60-Nd-148

Cross Section

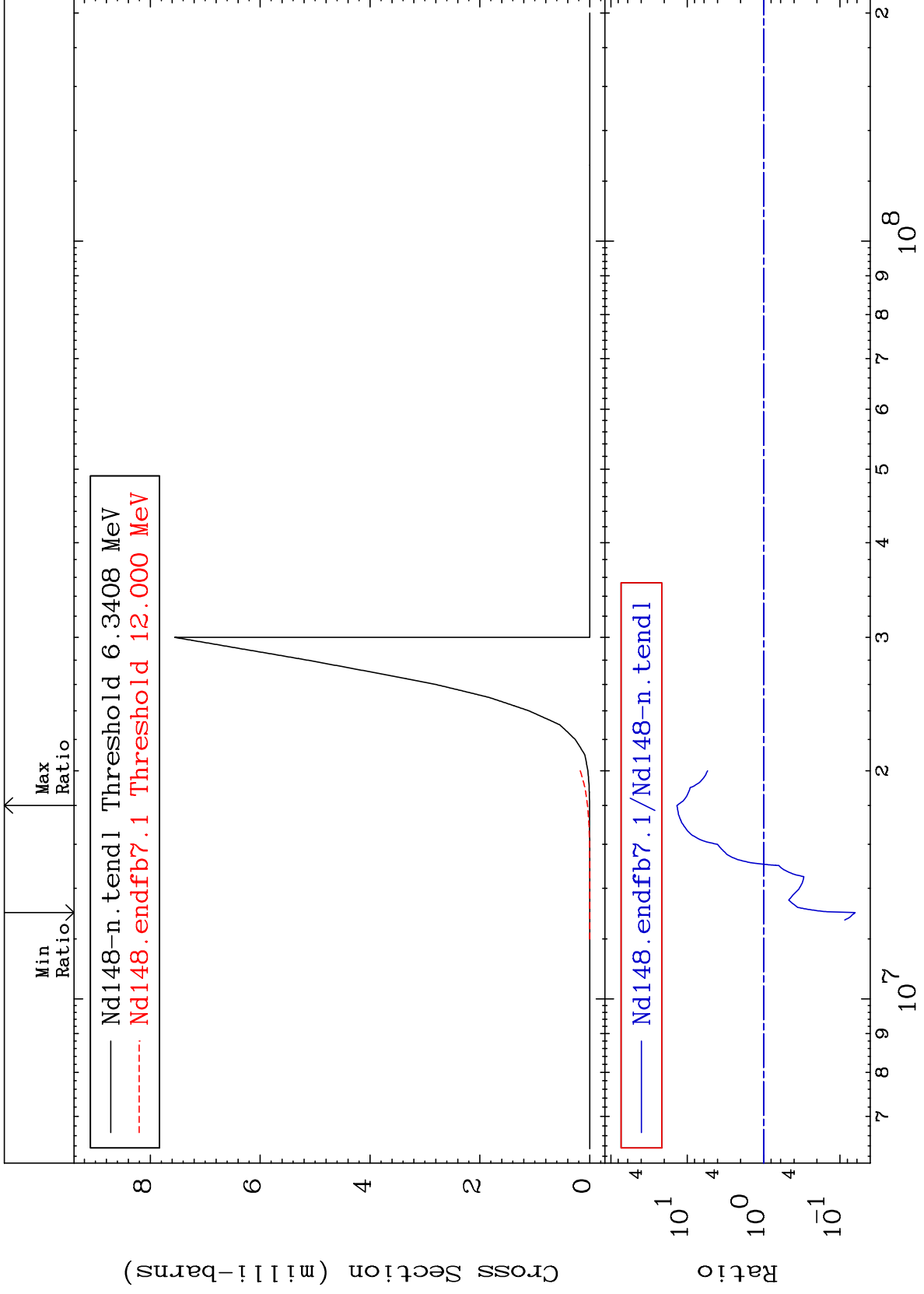
-60.39 To 165.6 %



MAT 6043

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

60-Nd-148  
-93.65 To 1263. %



7

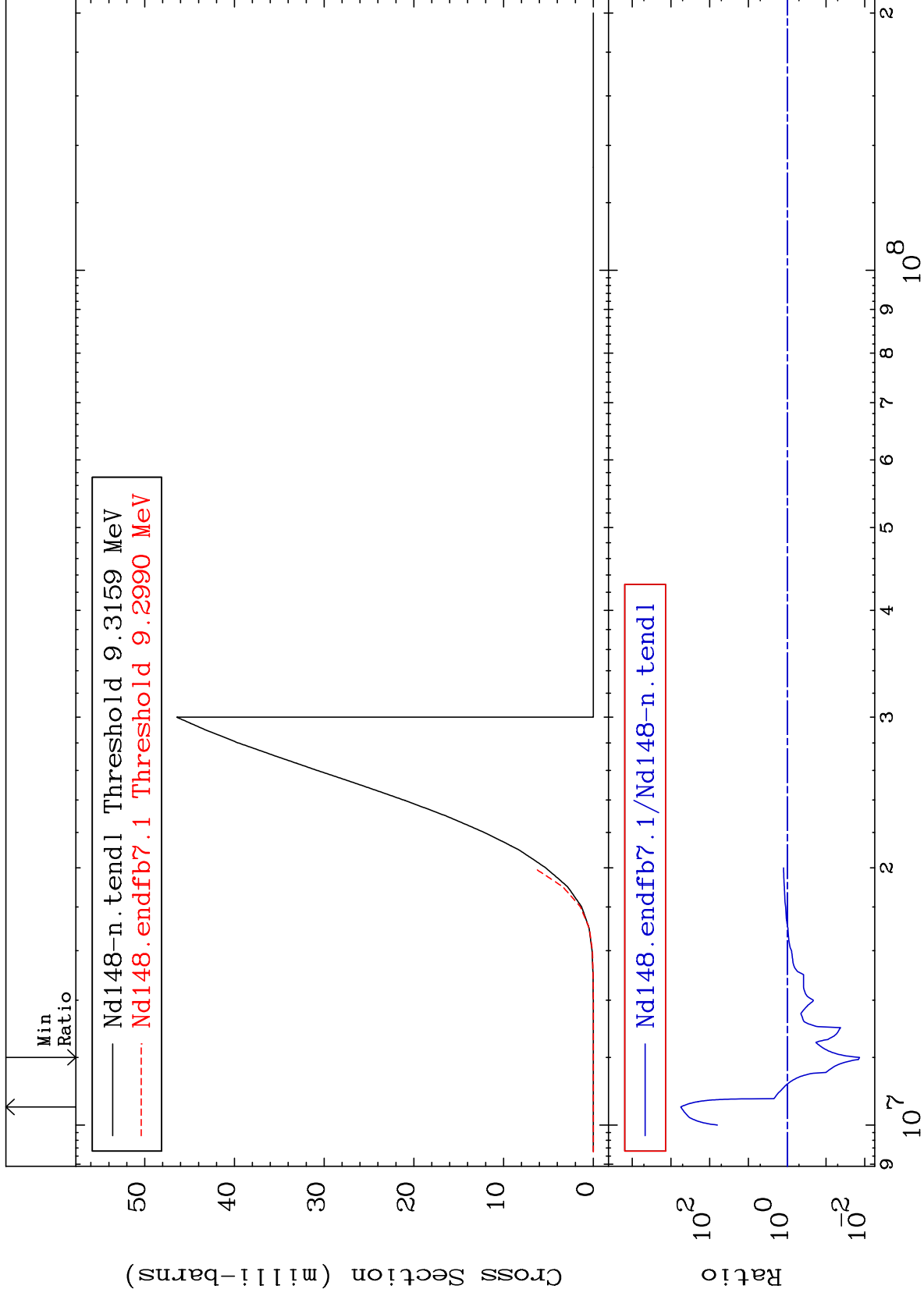
Incident Energy (eV)

60-Nd-148

MAT 6043

(n,n') p  
Cross Section

60-Nd-148  
-98.64 To 9999. %



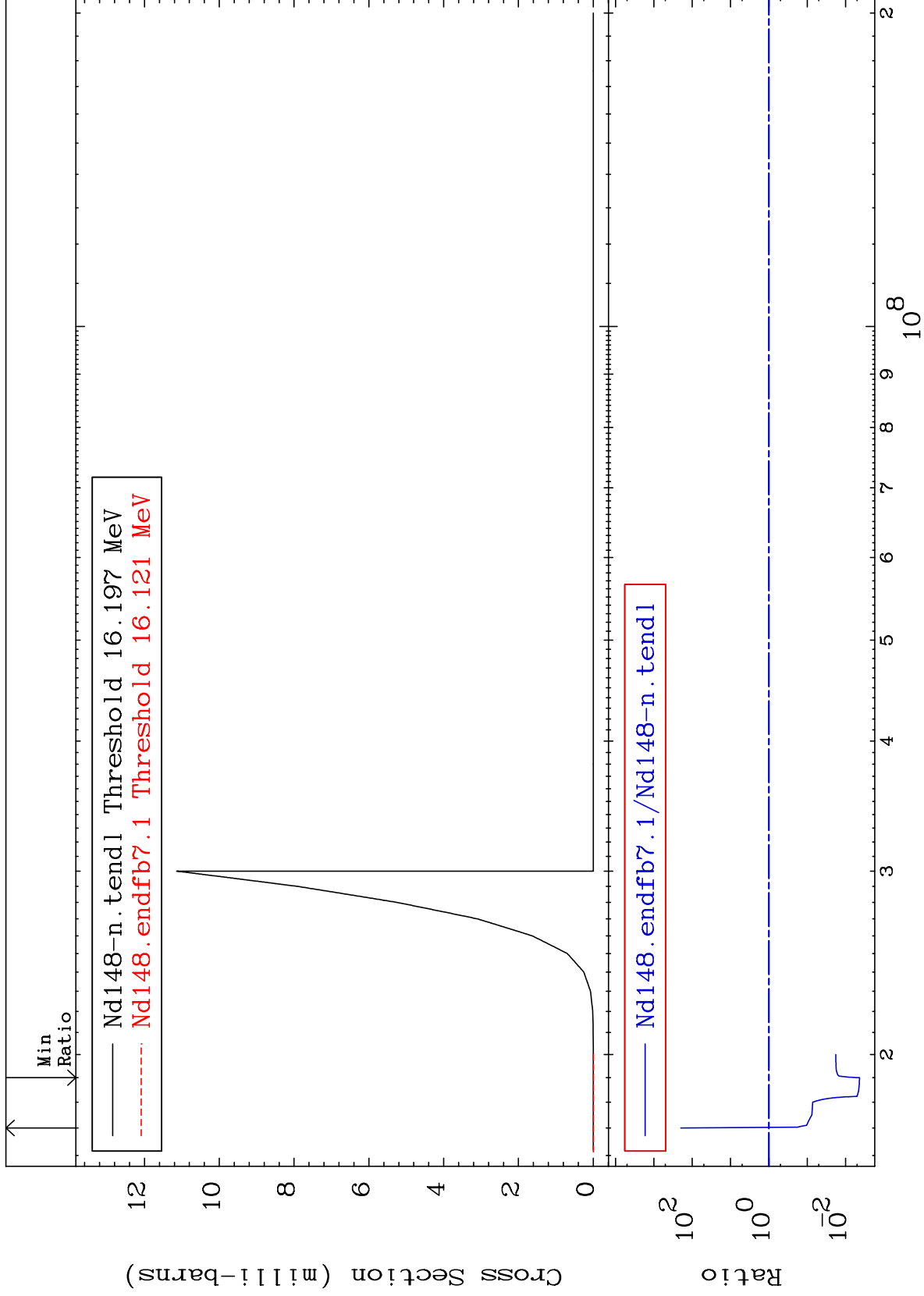
60-Nd-148



MAT 6043

(n,2n) p  
Cross Section

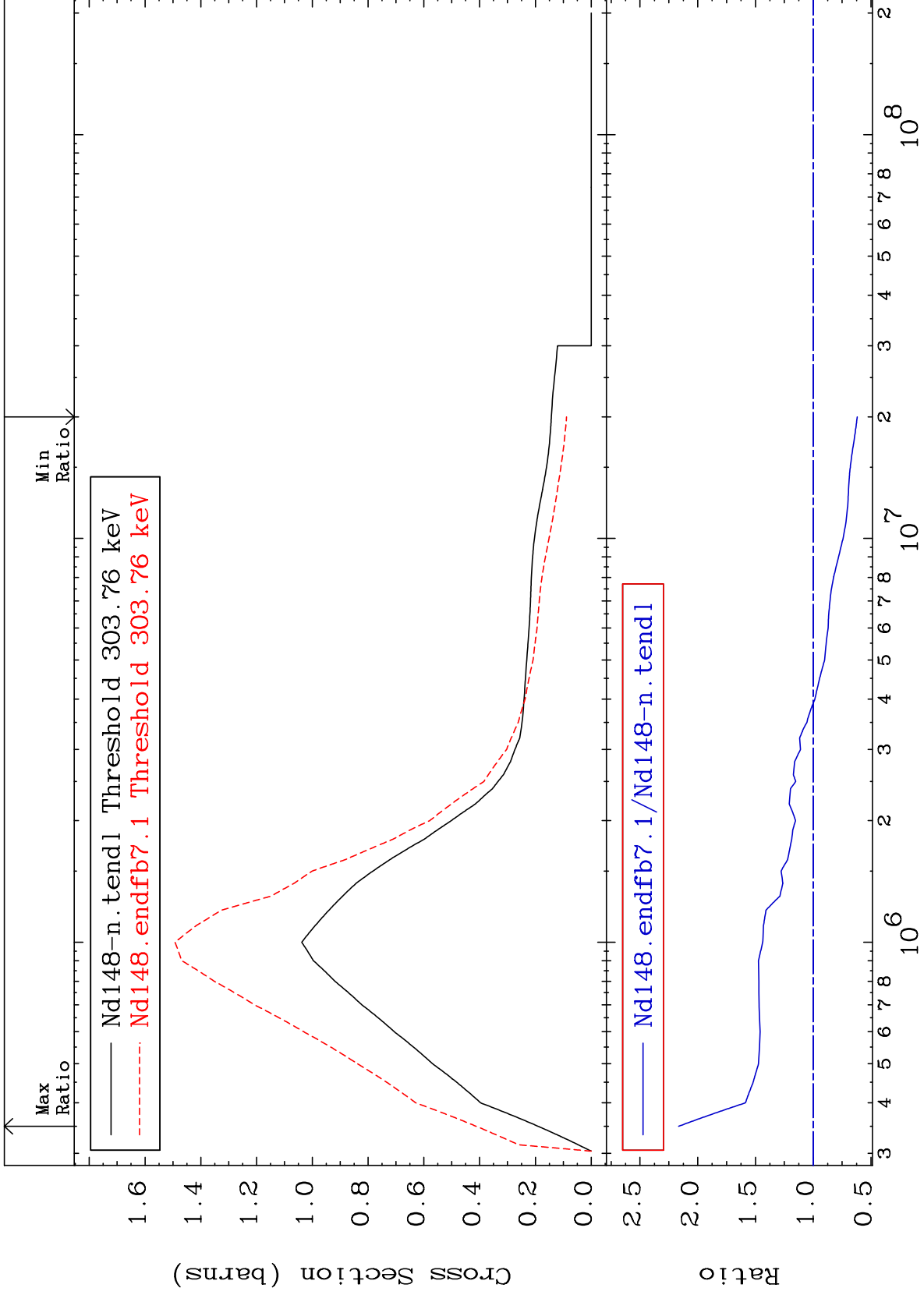
60-Nd-148  
-99.57 To 9999. %



MAT 6043

301.7 keV (n,n') Level  
Cross Section

60-Nd-148  
-38.13 To 116.5 %



10

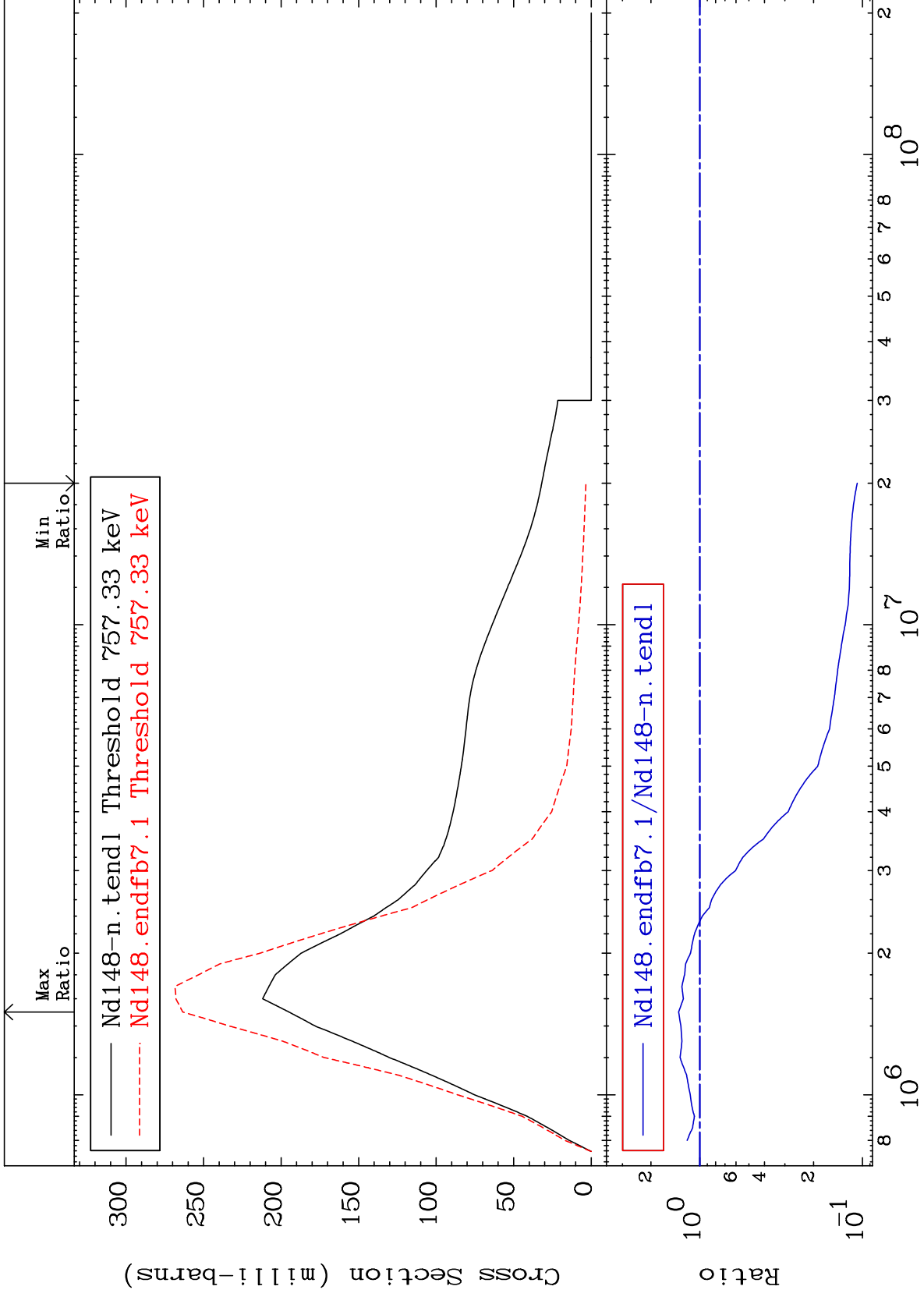
Incident Energy (eV)

60-Nd-148

MAT 6043

752.2 keV (n,n') Level  
Cross Section

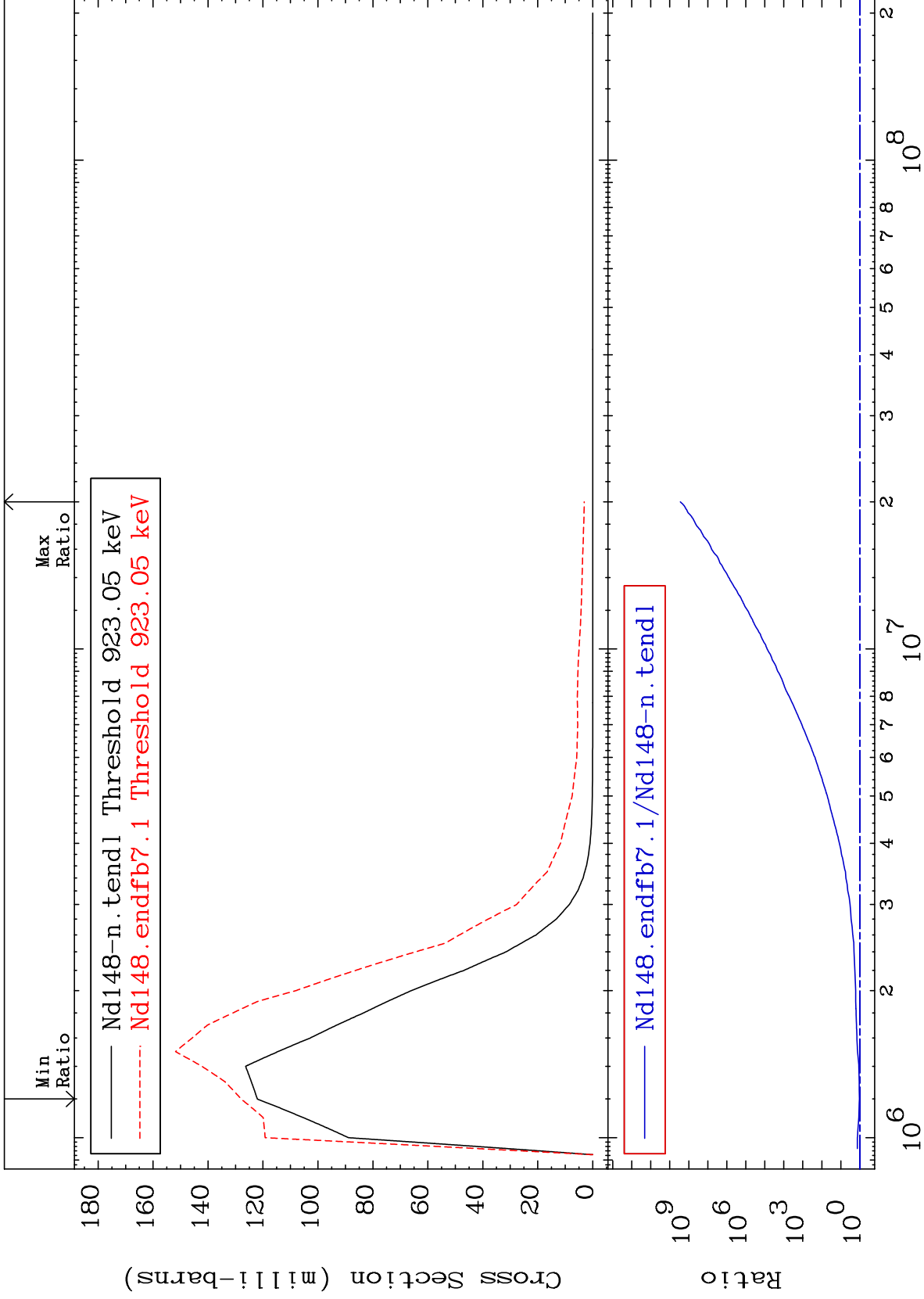
60-Nd-148  
-89.24 To 35.13 %



MAT 6043

916.8 keV (n,n') Level  
Cross Section

60-Nd-148  
4.829 To 9999. %



12

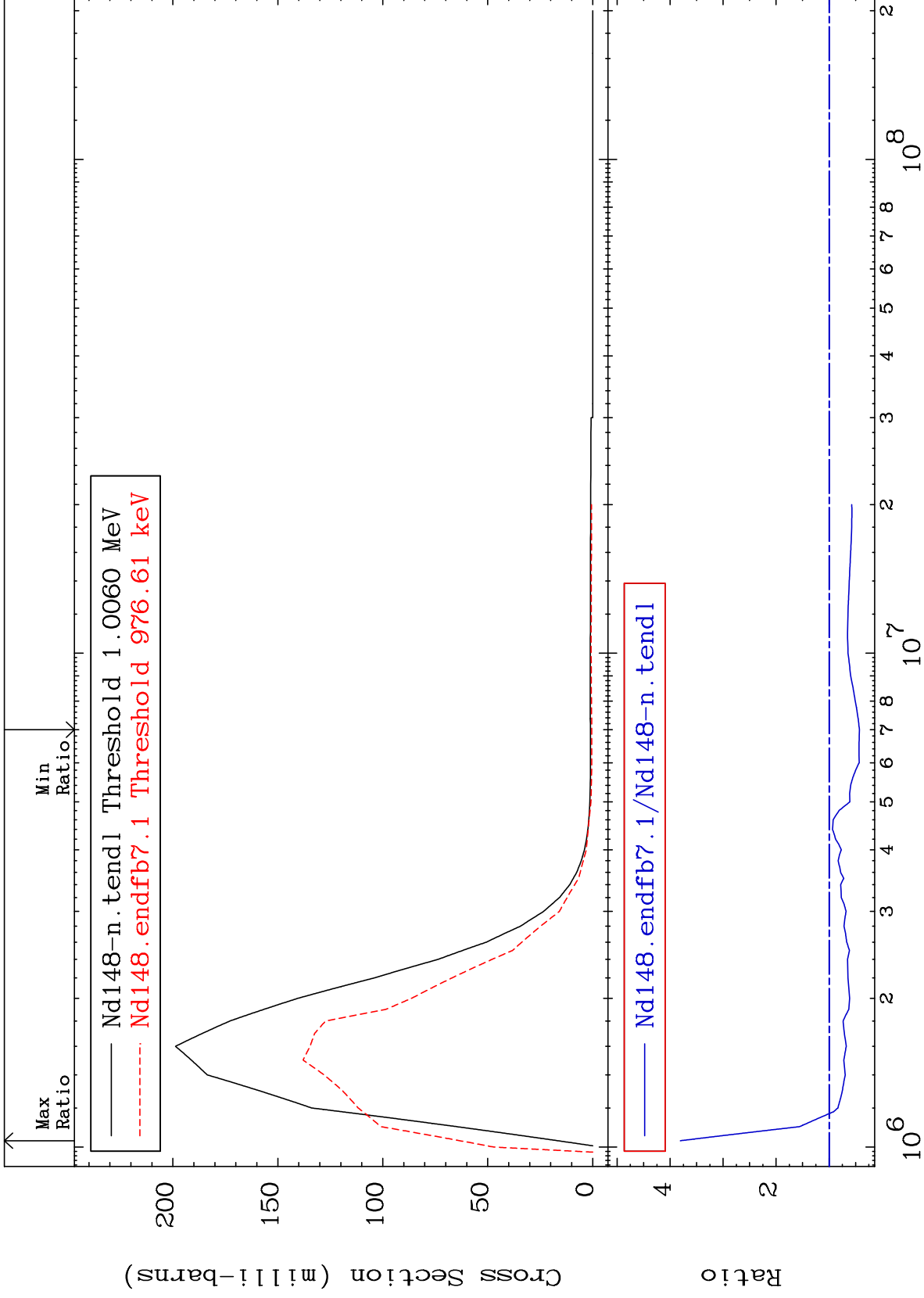
Incident Energy (eV)

60-Nd-148

MAT 6043

999.2 keV (n,n') Level  
Cross Section

60-Nd-148  
-57.24 To 280.7 %



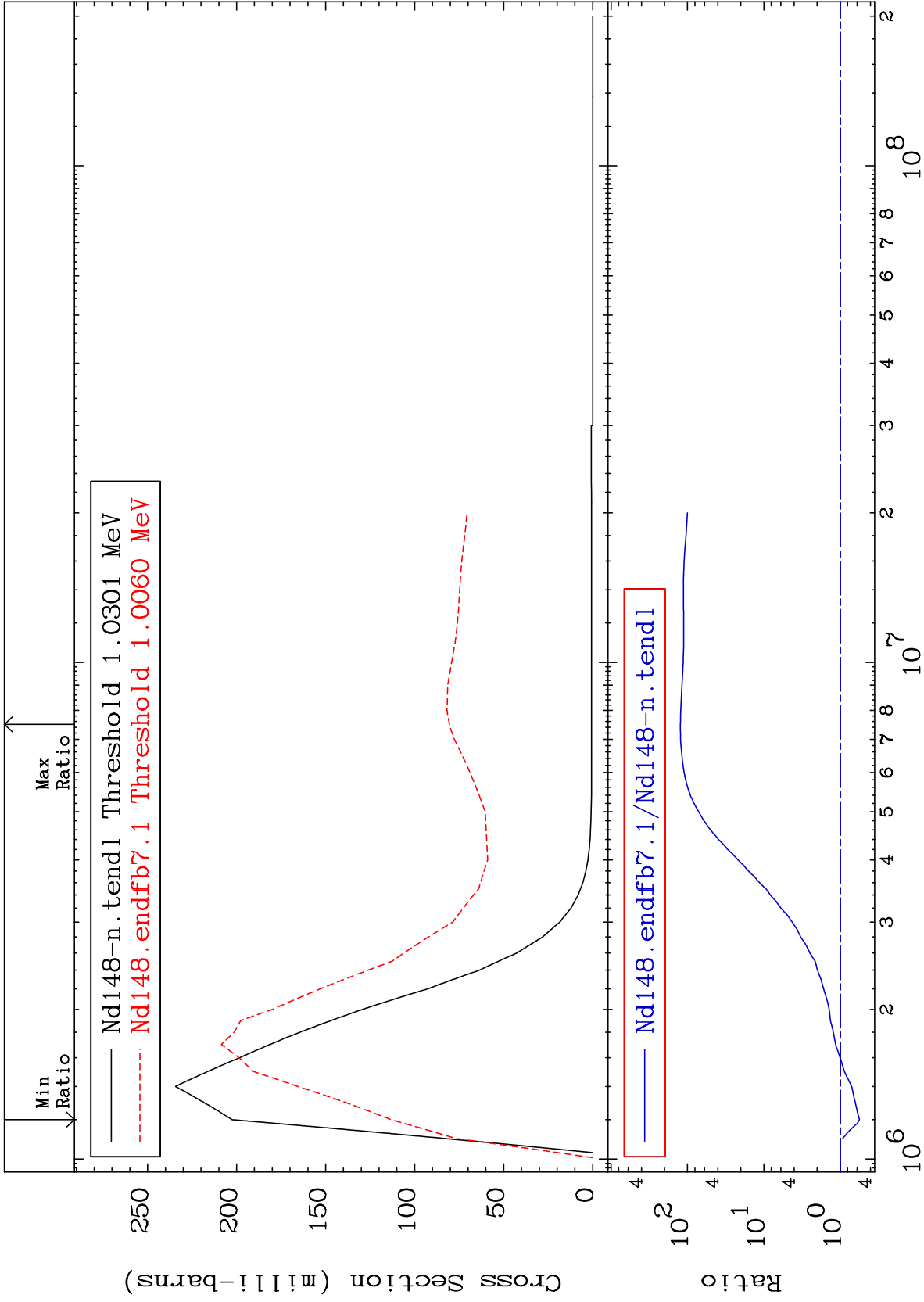
13

60-Nd-148

MAT 6043

1.023 MeV (n,n') Level  
Cross Section

60-Nd-148  
-44.06 To 9999. %



14

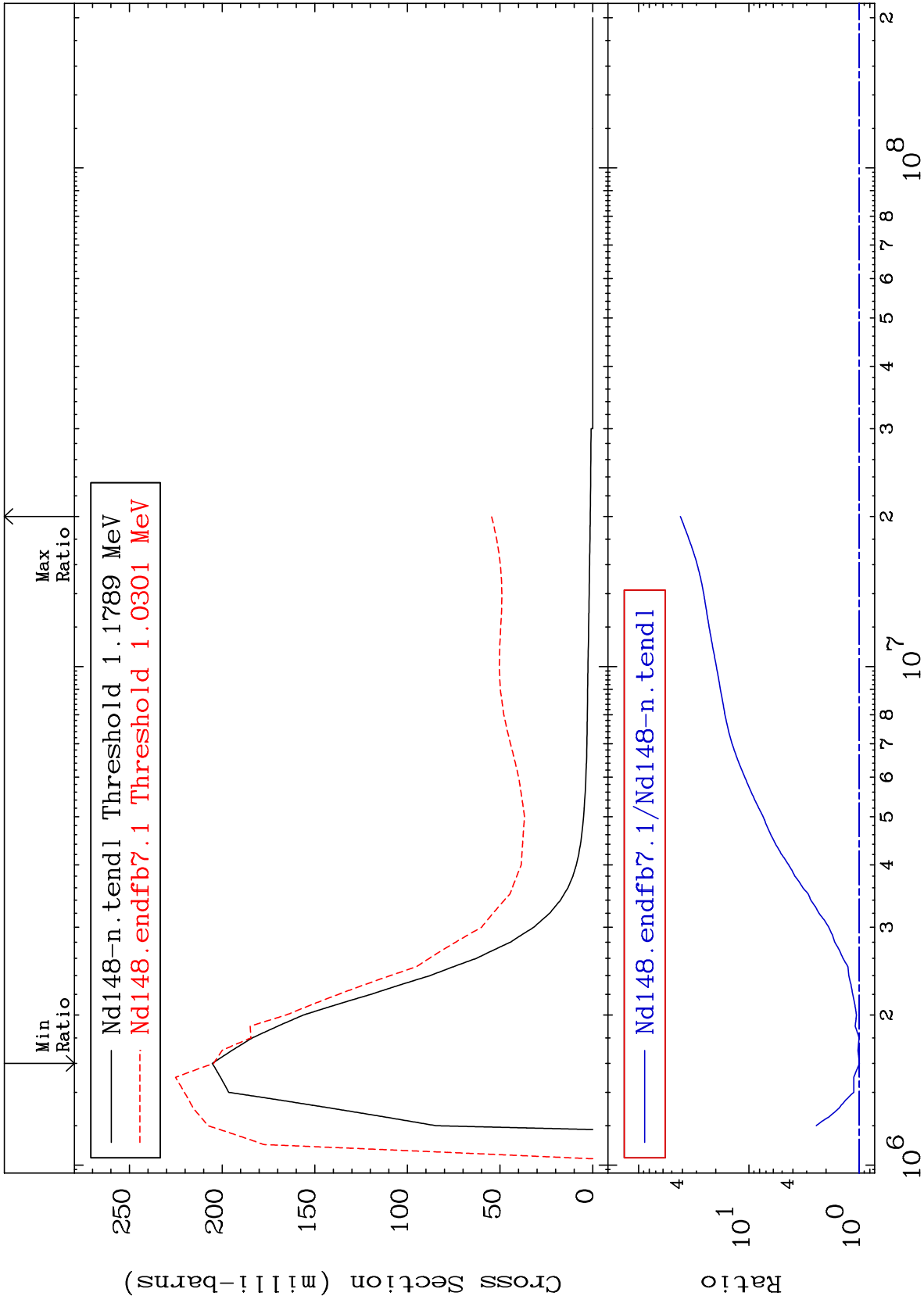
Incident Energy (eV)

60-Nd-148

MAT 6043

1.171 MeV (n,n') Level  
Cross Section

60-Nd-148  
-0.353 To 4082. %



15

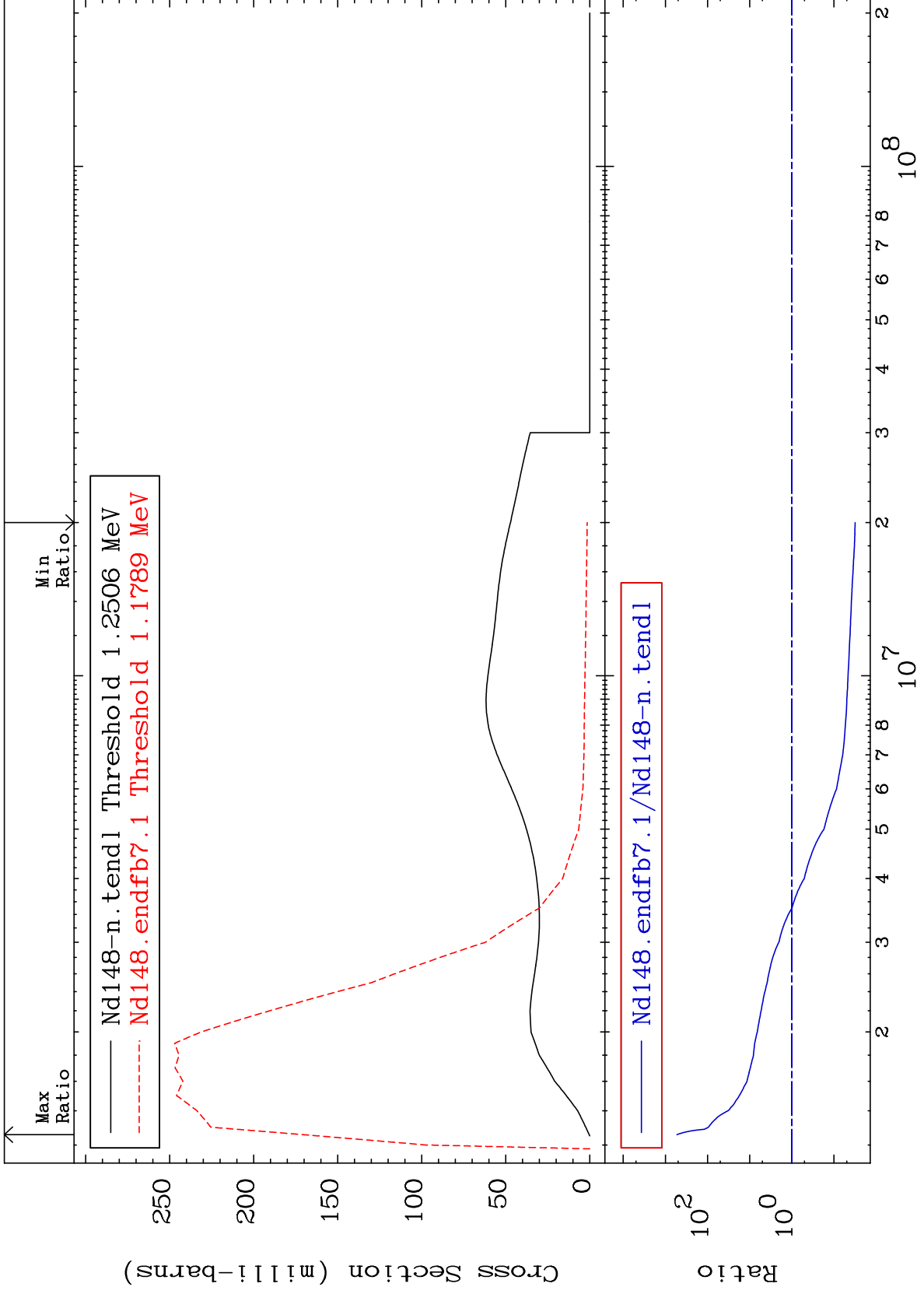
Incident Energy (eV)

60-Nd-148

MAT 6043

1.242 MeV (n,n') Level  
Cross Section

60-Nd-148  
-96.84 To 9999. %

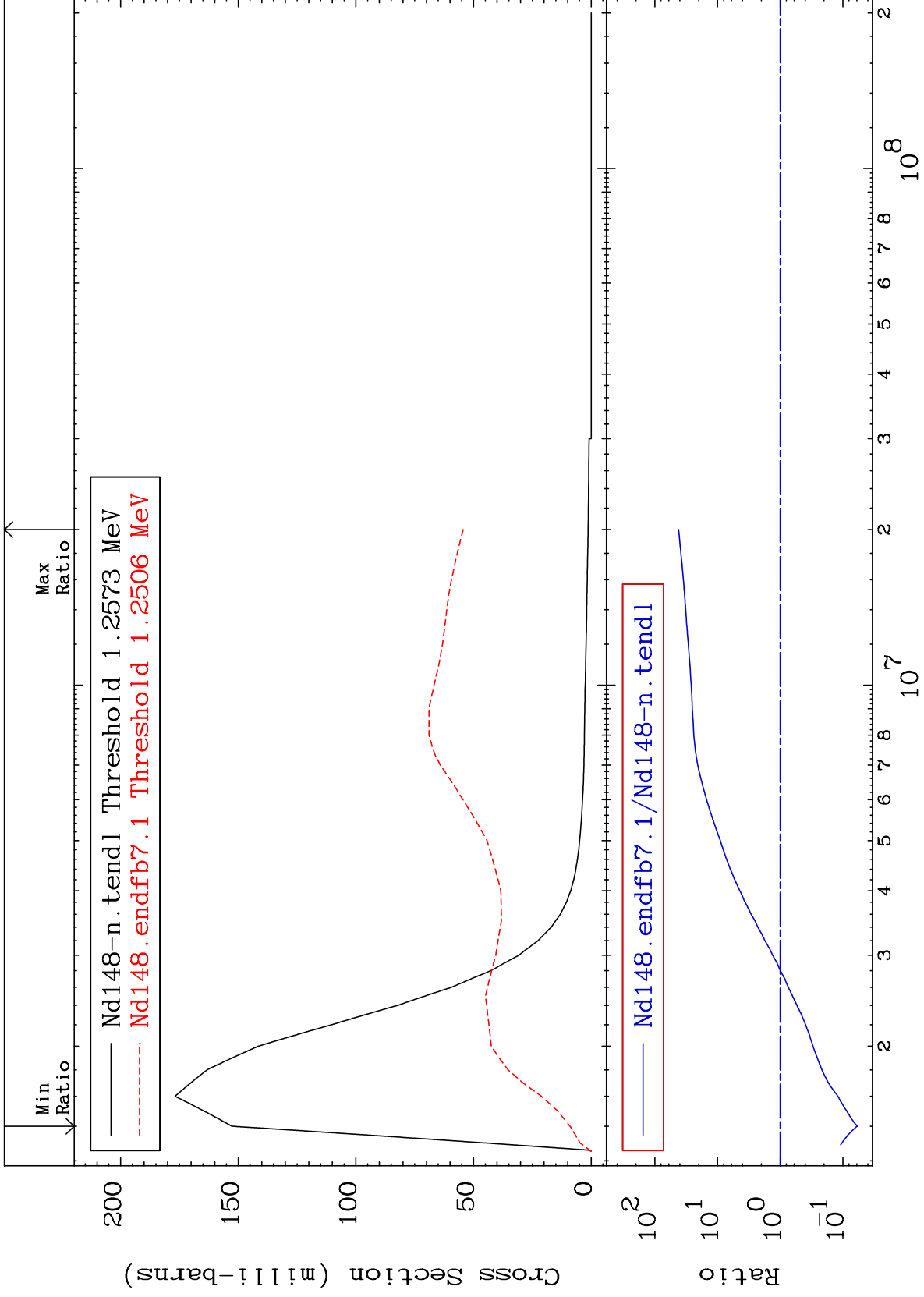




MAT 6043

1.249 MeV (n,n') Level  
Cross Section

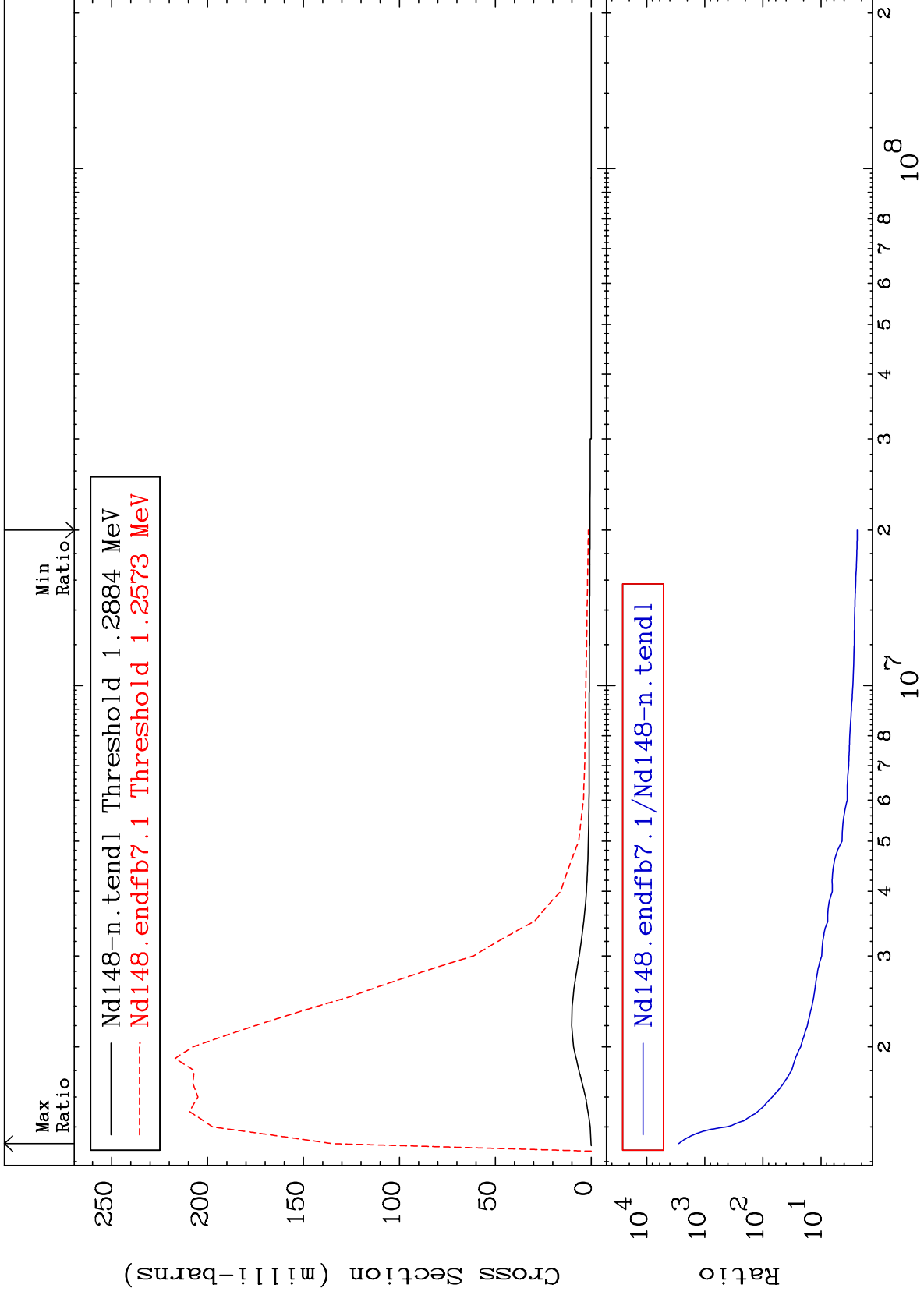
60-Nd-148  
-94.09 To 4079. %



MAT 6043

1.280 MeV (n,n') Level  
Cross Section

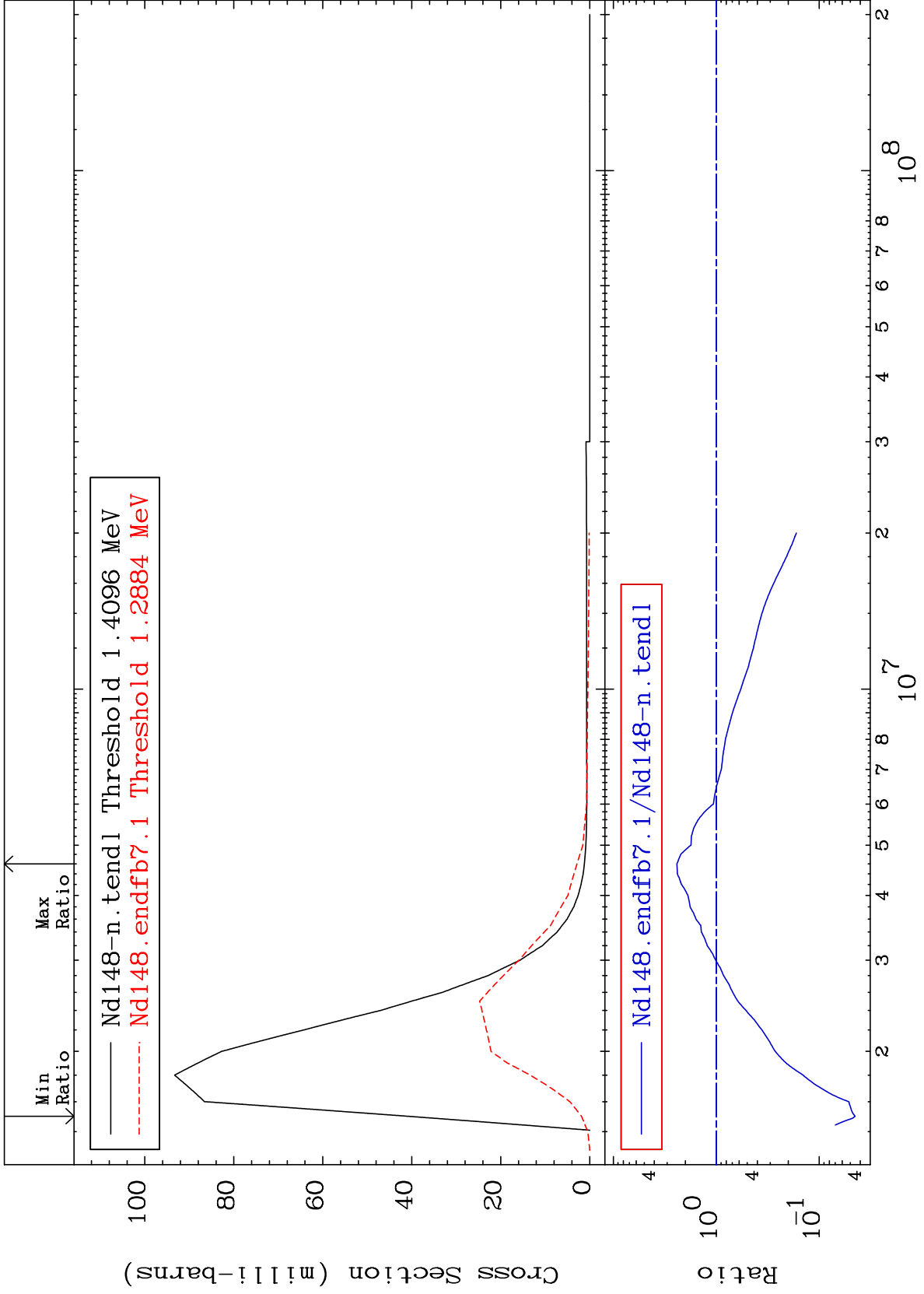
60-Nd-148  
137.8 To 9999. %



MAT 6043

1.400 MeV (n,n') Level  
Cross Section

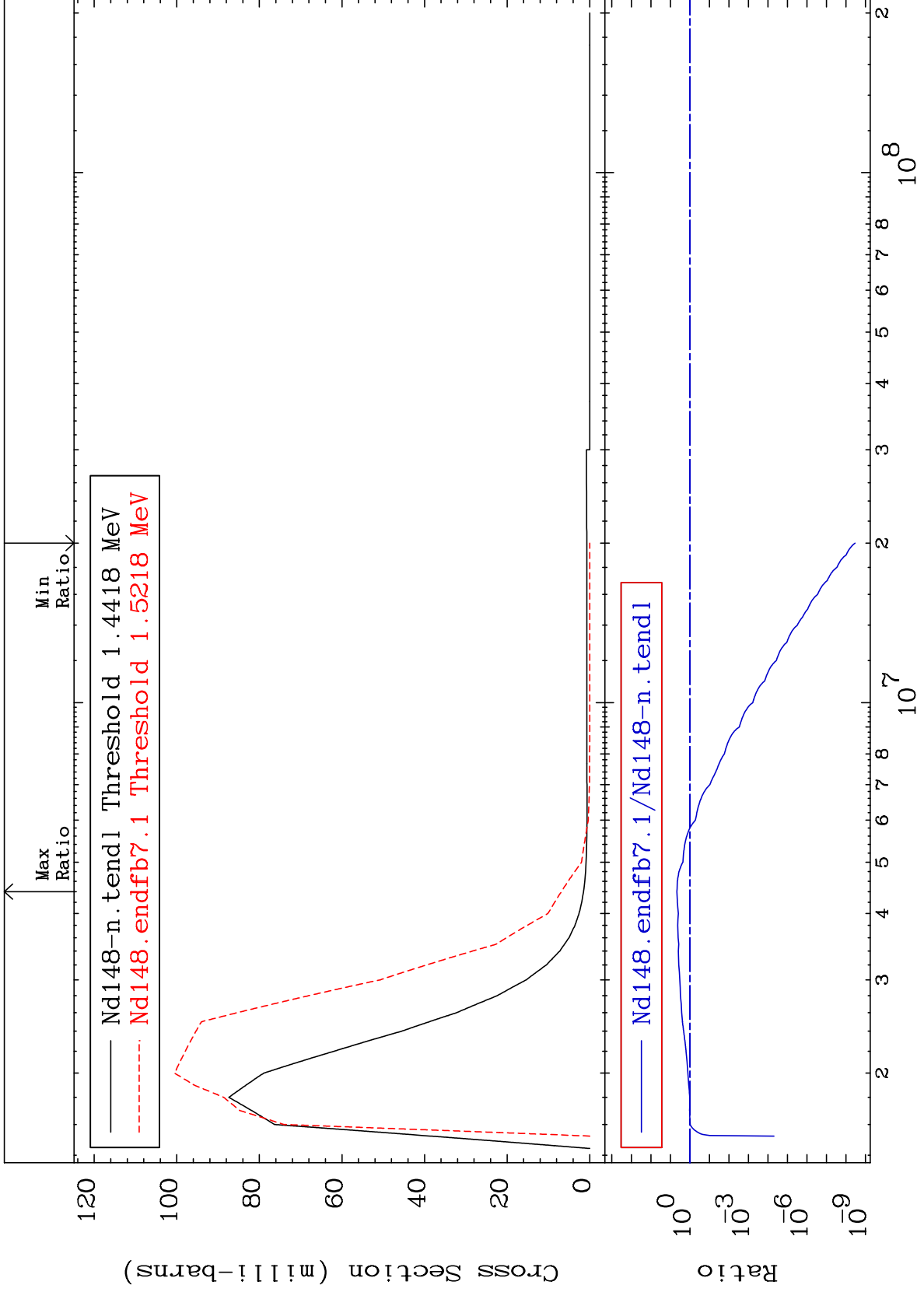
60-Nd-148  
-95.51 To 141.2 %



MAT 6043

1.432 MeV (n,n') Level  
Cross Section

60-Nd-148  
-100.0 To 362.5 %



20

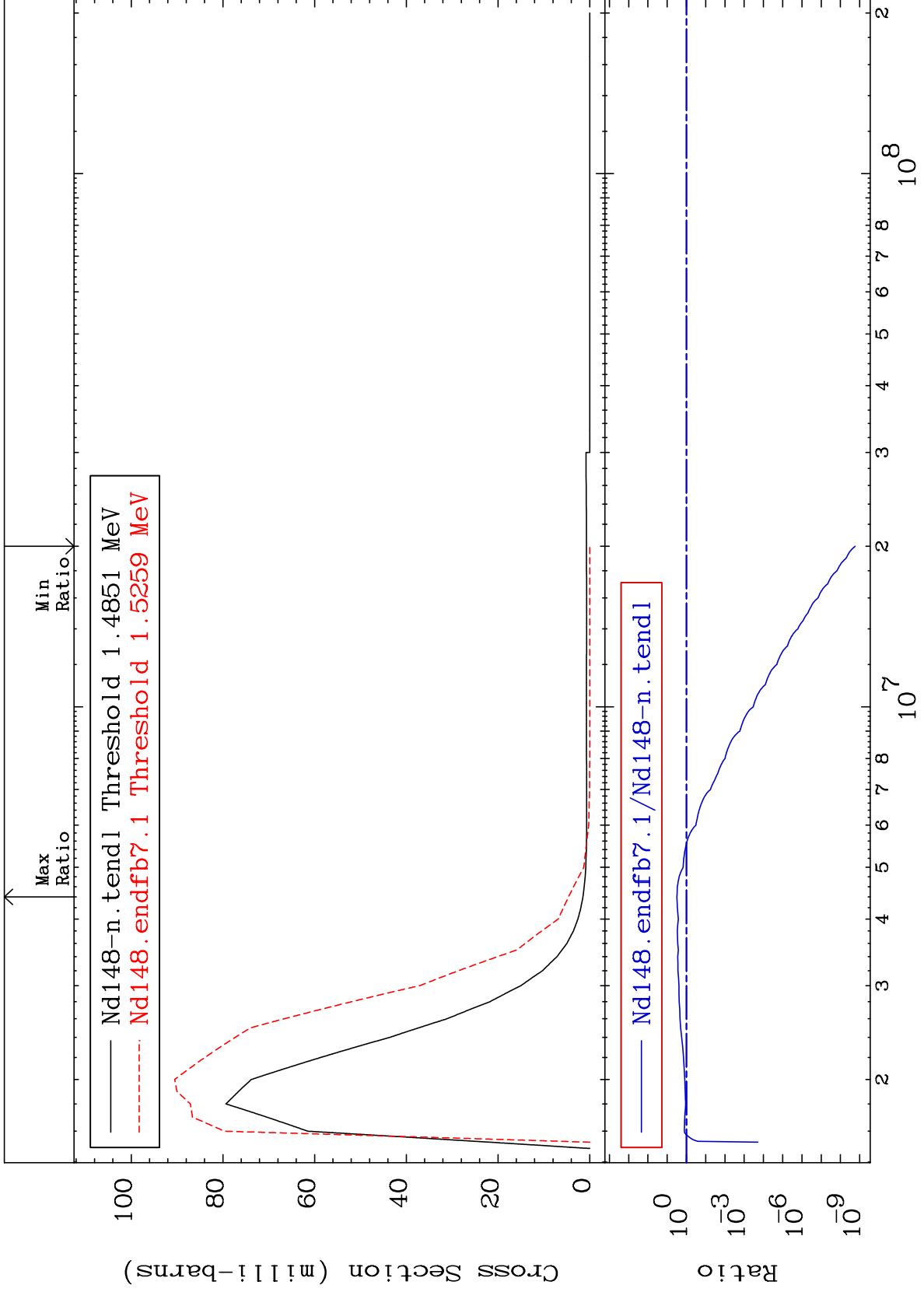
60-Nd-148

60-Nd-148

MAT 6043

1.475 MeV (n,n') Level  
Cross Section

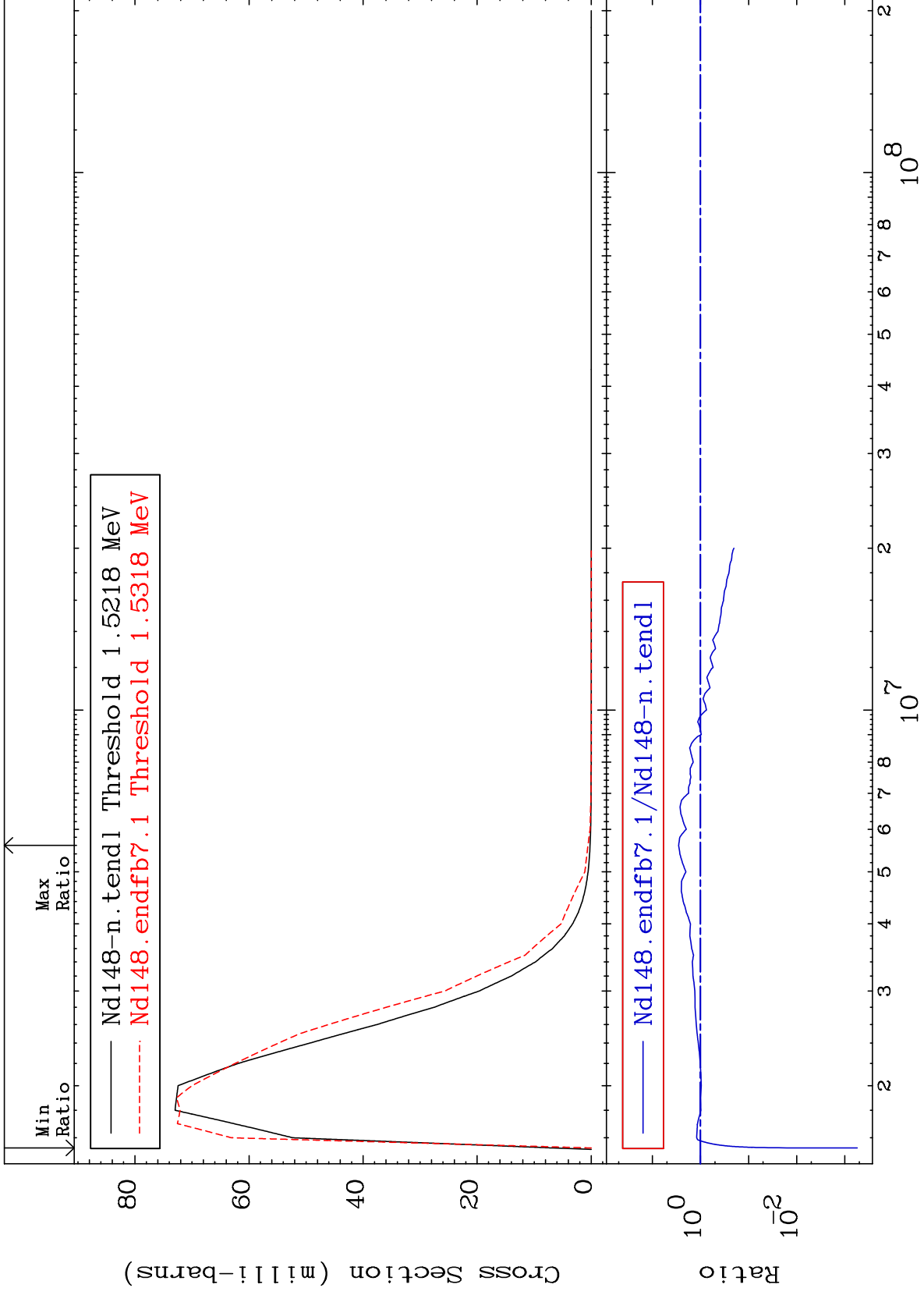
60-Nd-148  
-100.0 To 211.9 %



MAT 6043

1.512 MeV (n,n') Level  
Cross Section

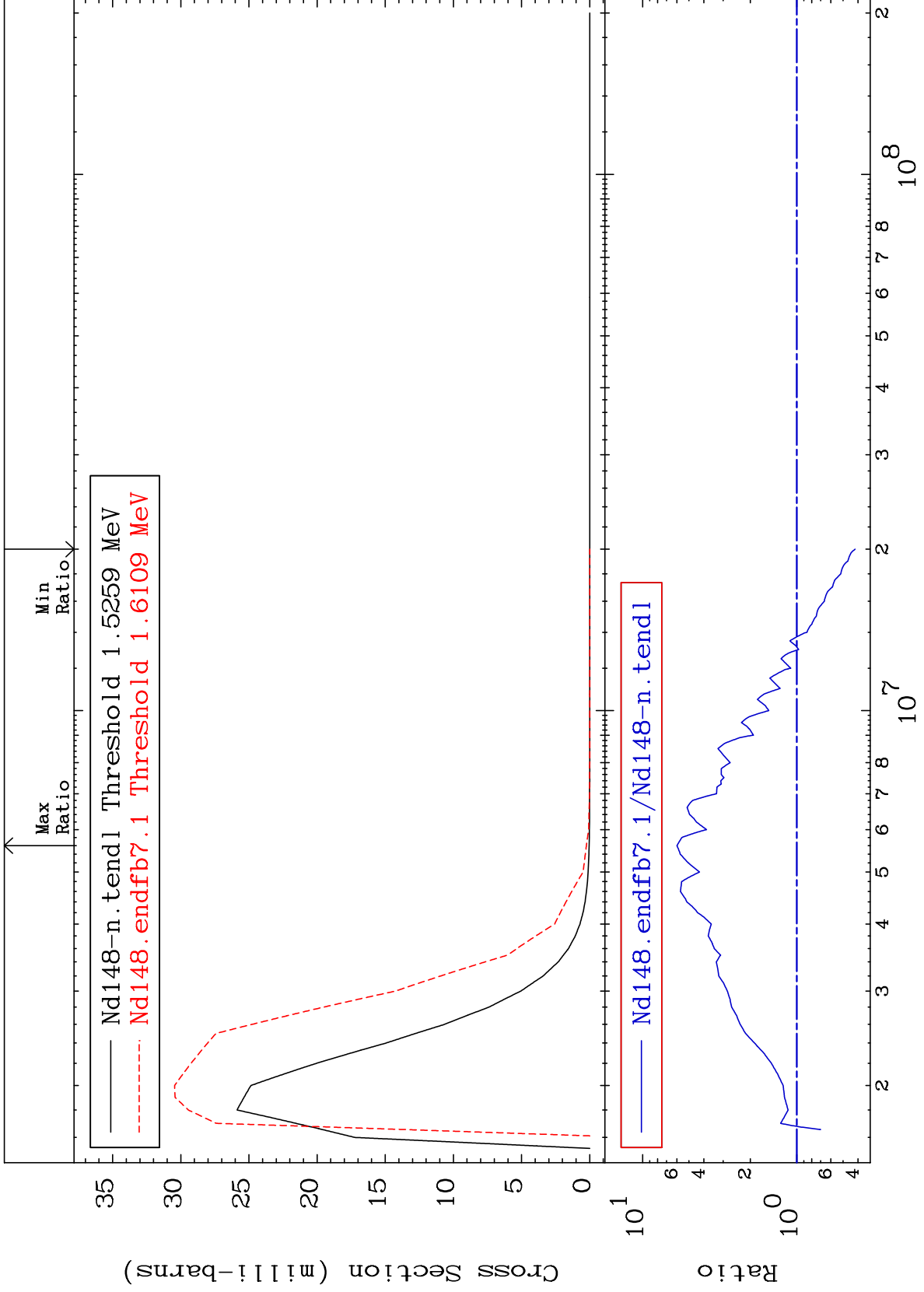
60-Nd-148  
-99.94 To 184.7 %



MAT 6043

1.516 MeV (n,n') Level  
Cross Section

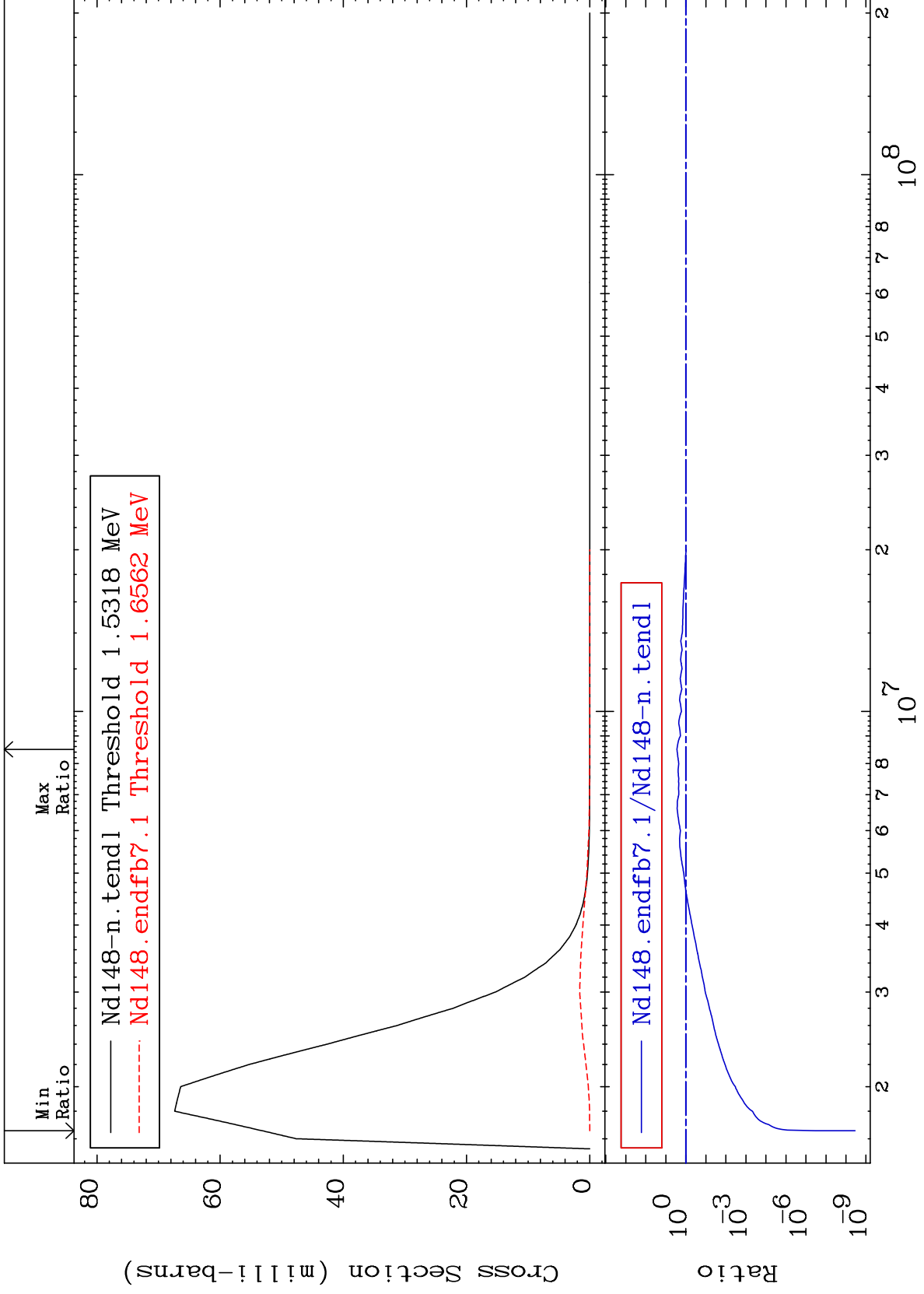
60-Nd-148  
-58.20 To 498.9 %



MAT 6043

1.521 MeV (n,n') Level  
Cross Section

60-Nd-148  
-100.0 To 177.8 %

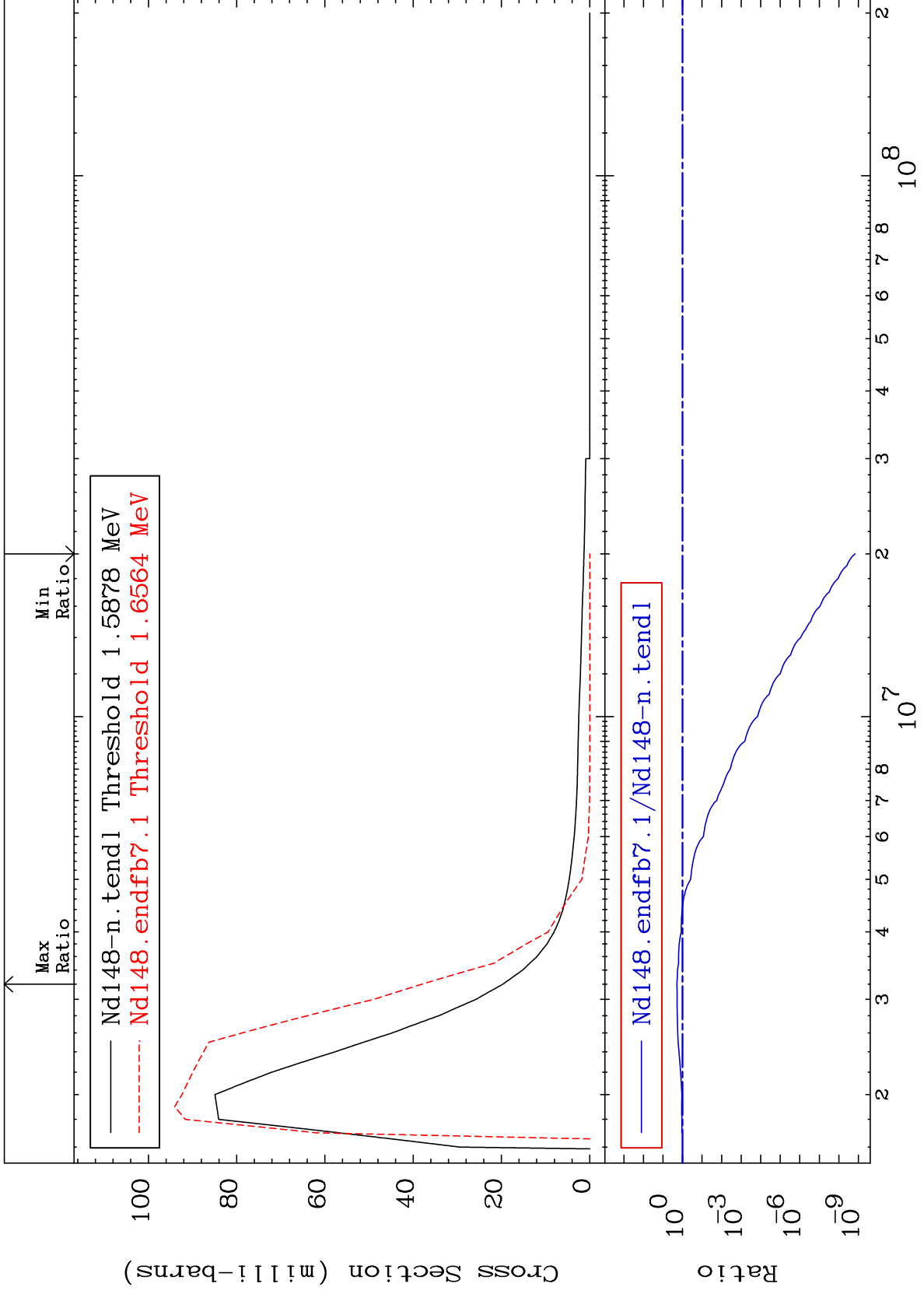




MAT 6043

1.577 MeV (n,n') Level  
Cross Section

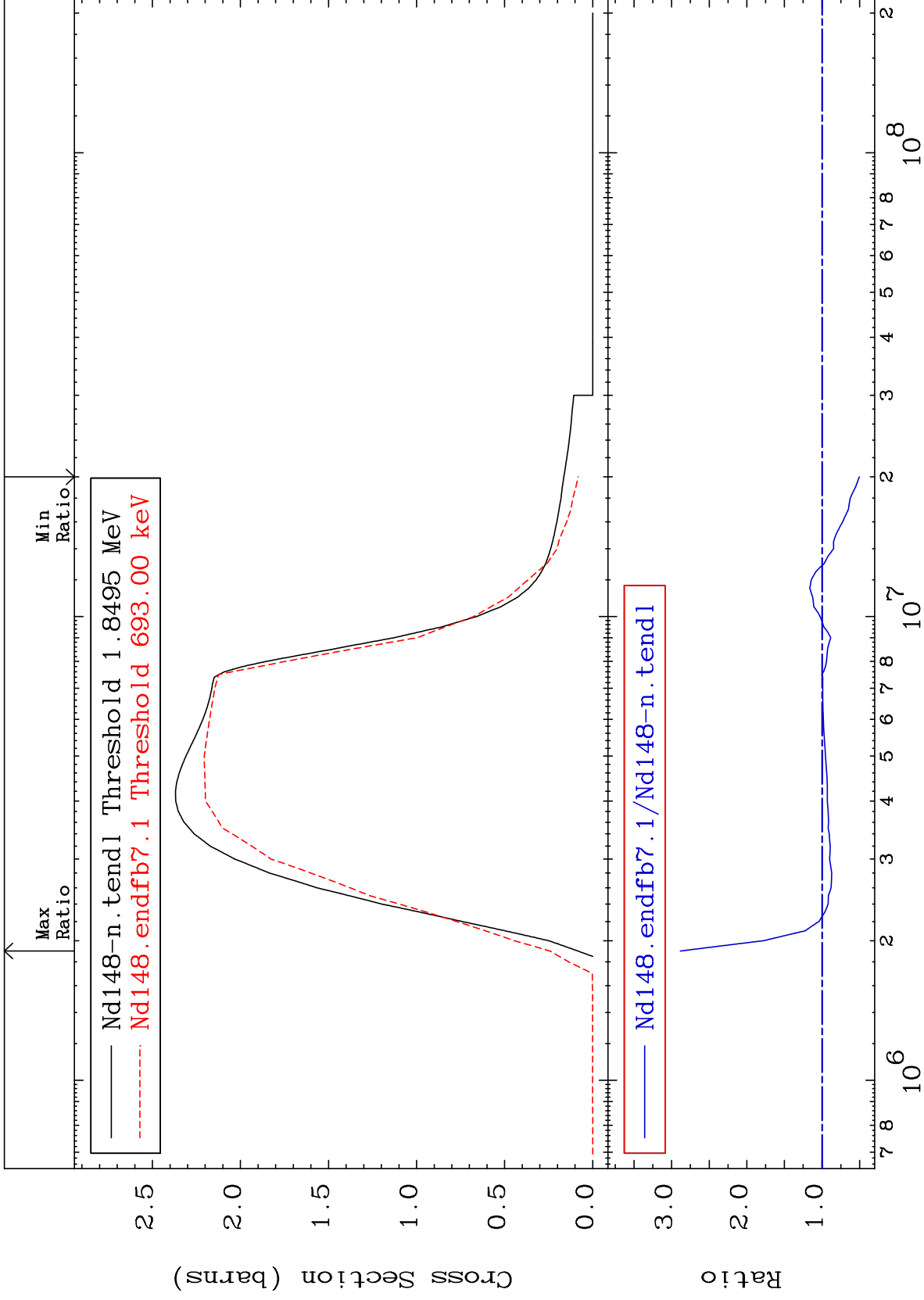
60-Nd-148  
-100.0 To 93.46 %



MAT 6043

(n, n') Continuum  
Cross Section

60-Nd-148  
-49.73 To 188.4 %



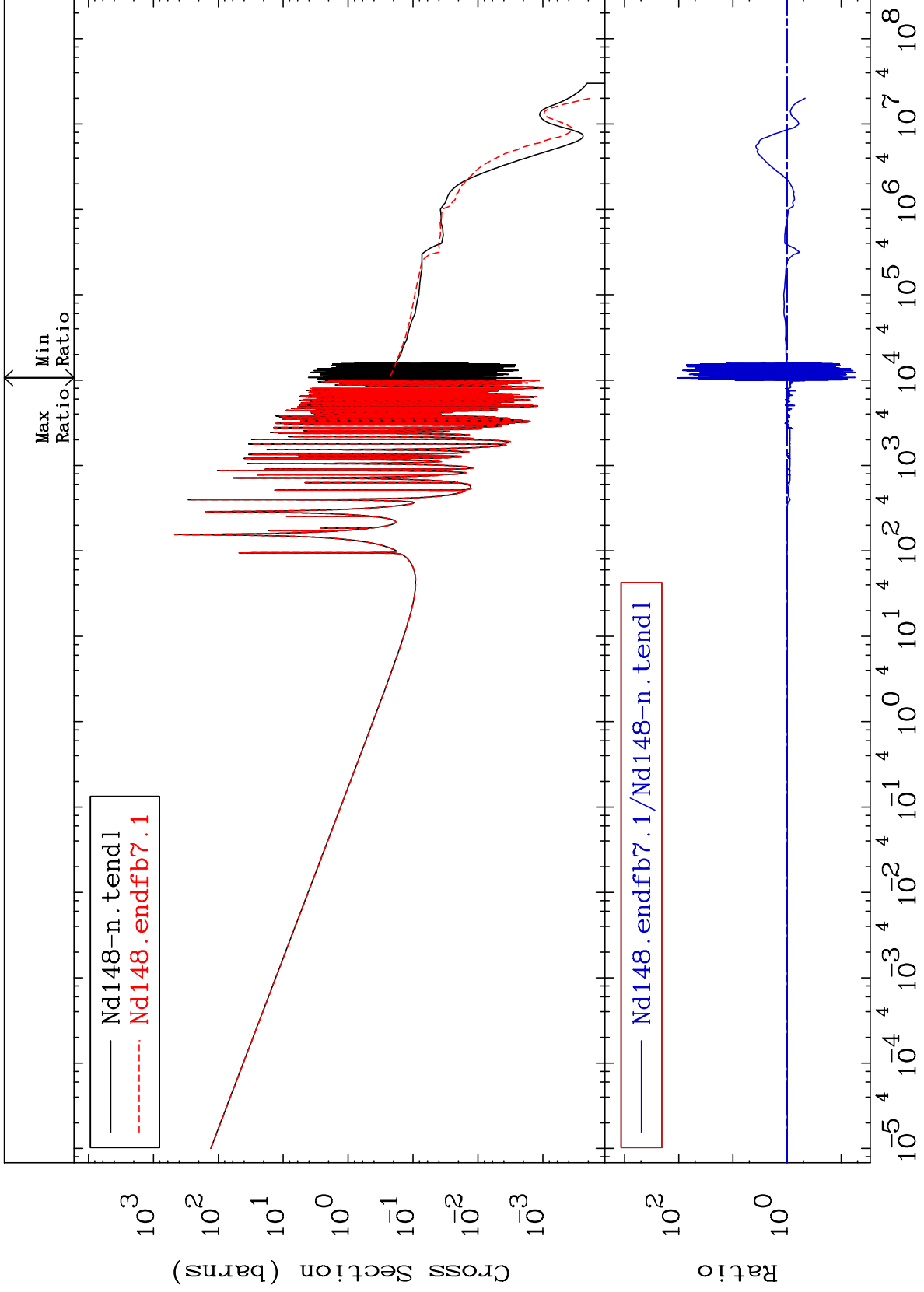
MAT 6043

(n,  $\gamma$ )

60-Nd-148

Cross Section

-94.44 To 9999. %



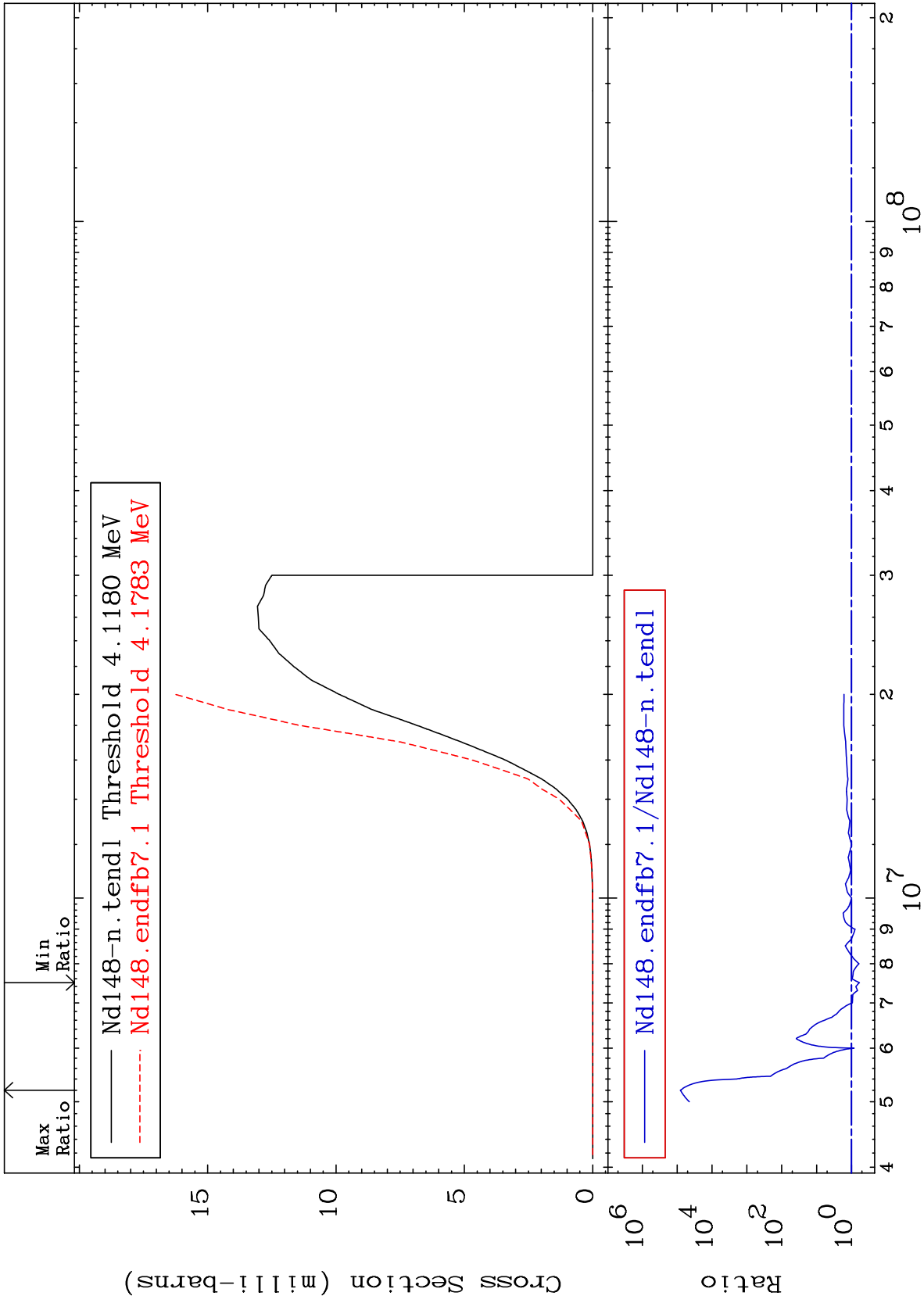
MAT 6043

(n,p)

60-Nd-148

Cross Section

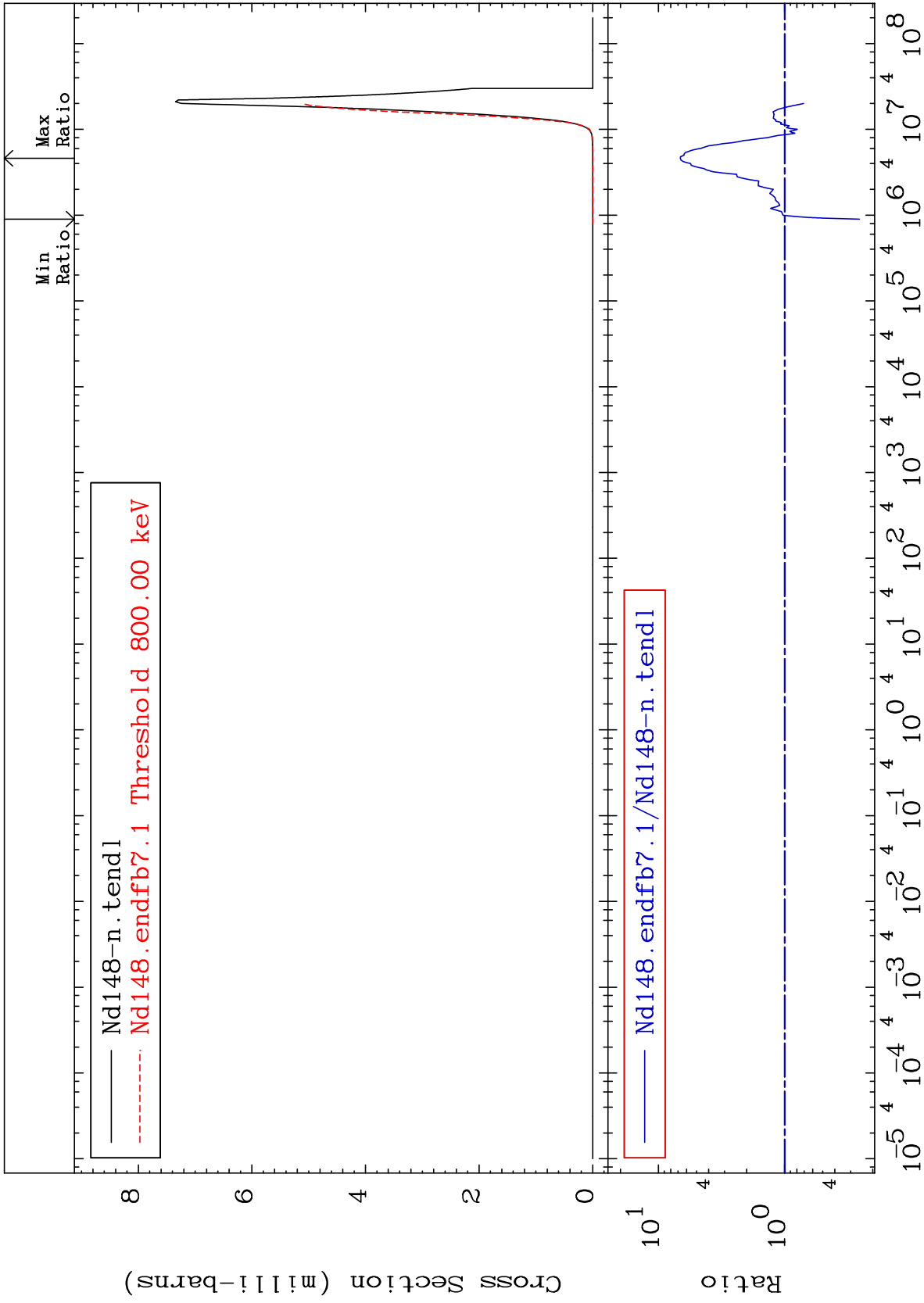
-40.90 To 9999. %



MAT 6043

(n,  $\alpha$ )  
Cross Section

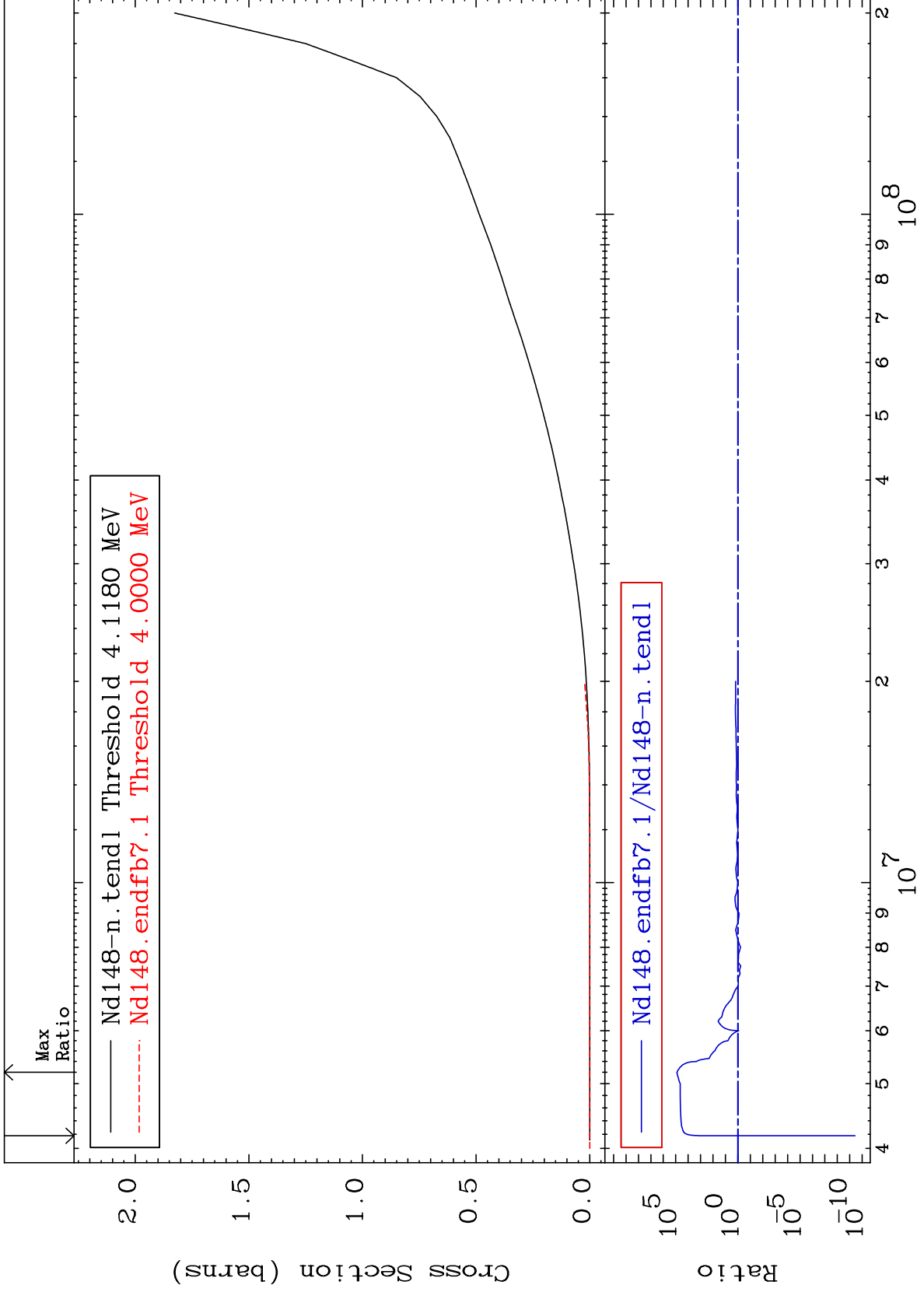
60-Nd-148  
-74.44 To 571.1 %



MAT 6043

Hydrogen Production  
Cross Section

60-Nd-148  
-100.0 To 9999. %



30

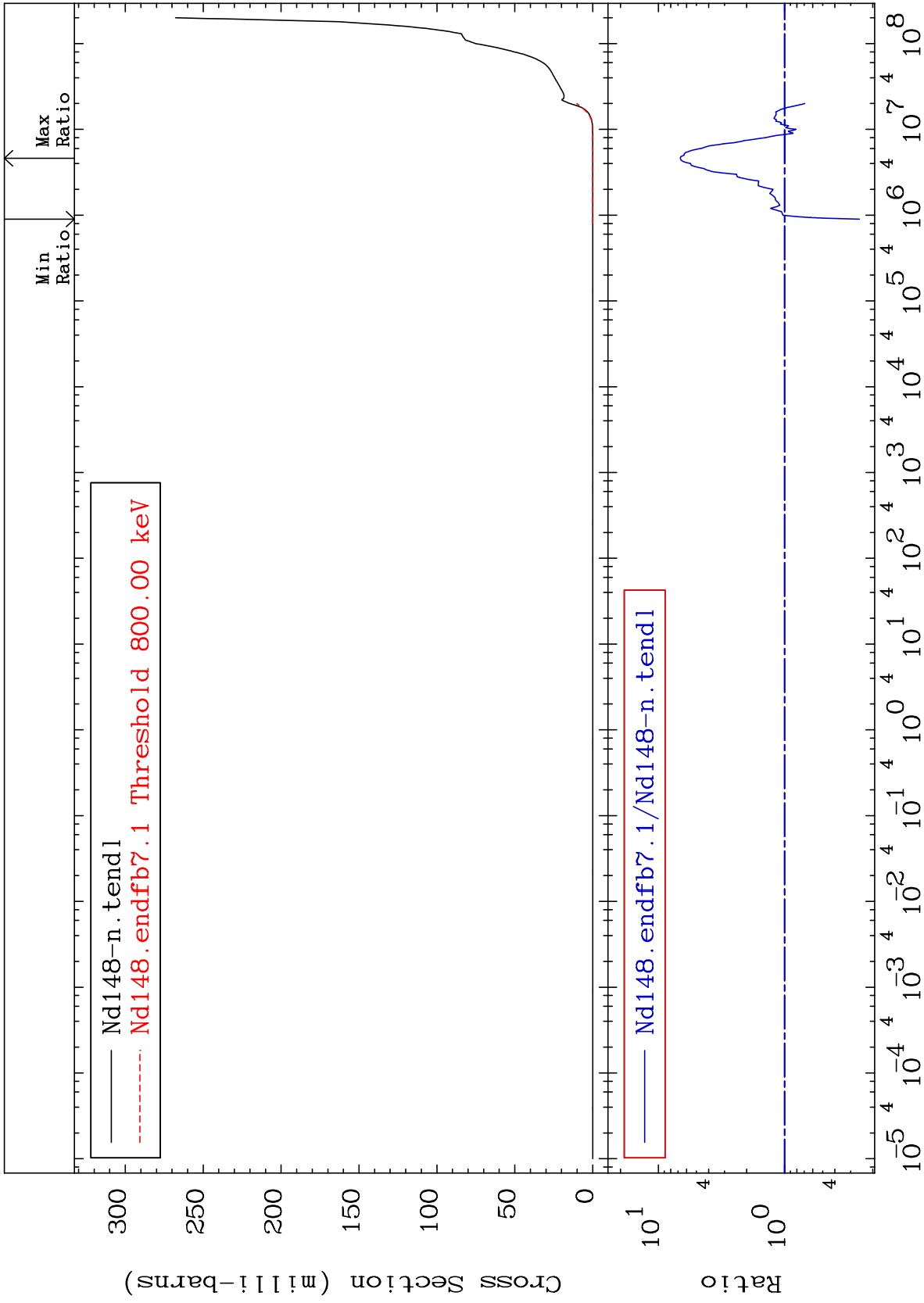
Incident Energy (eV)

60-Nd-148

MAT 6043

He-4 Production  
Cross Section

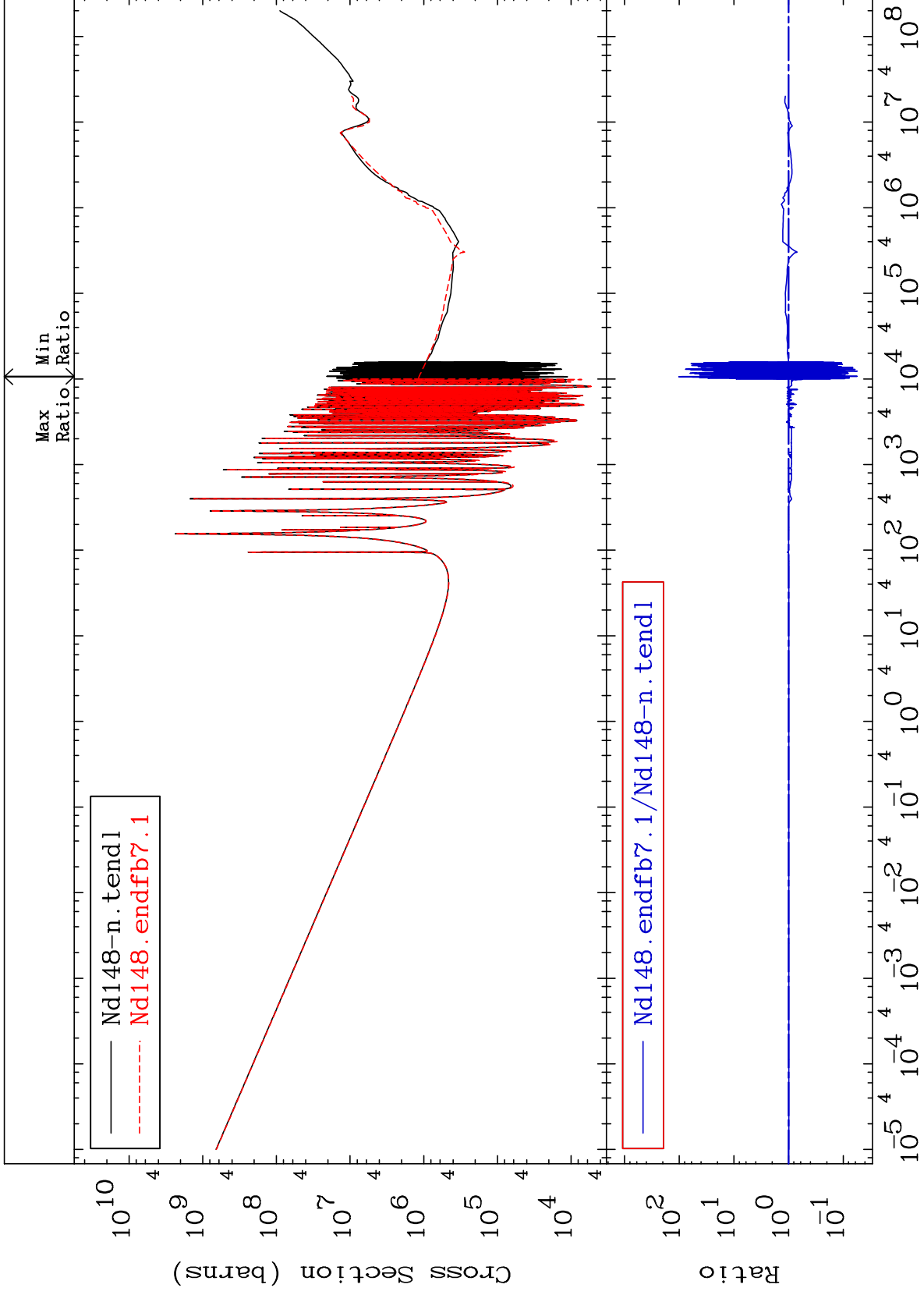
60-Nd-148  
-74.44 To 570.9 %



MAT 6043

Kerma total (eV-barns)  
Cross Section

60-Nd-148  
-94.45 To 9999. %

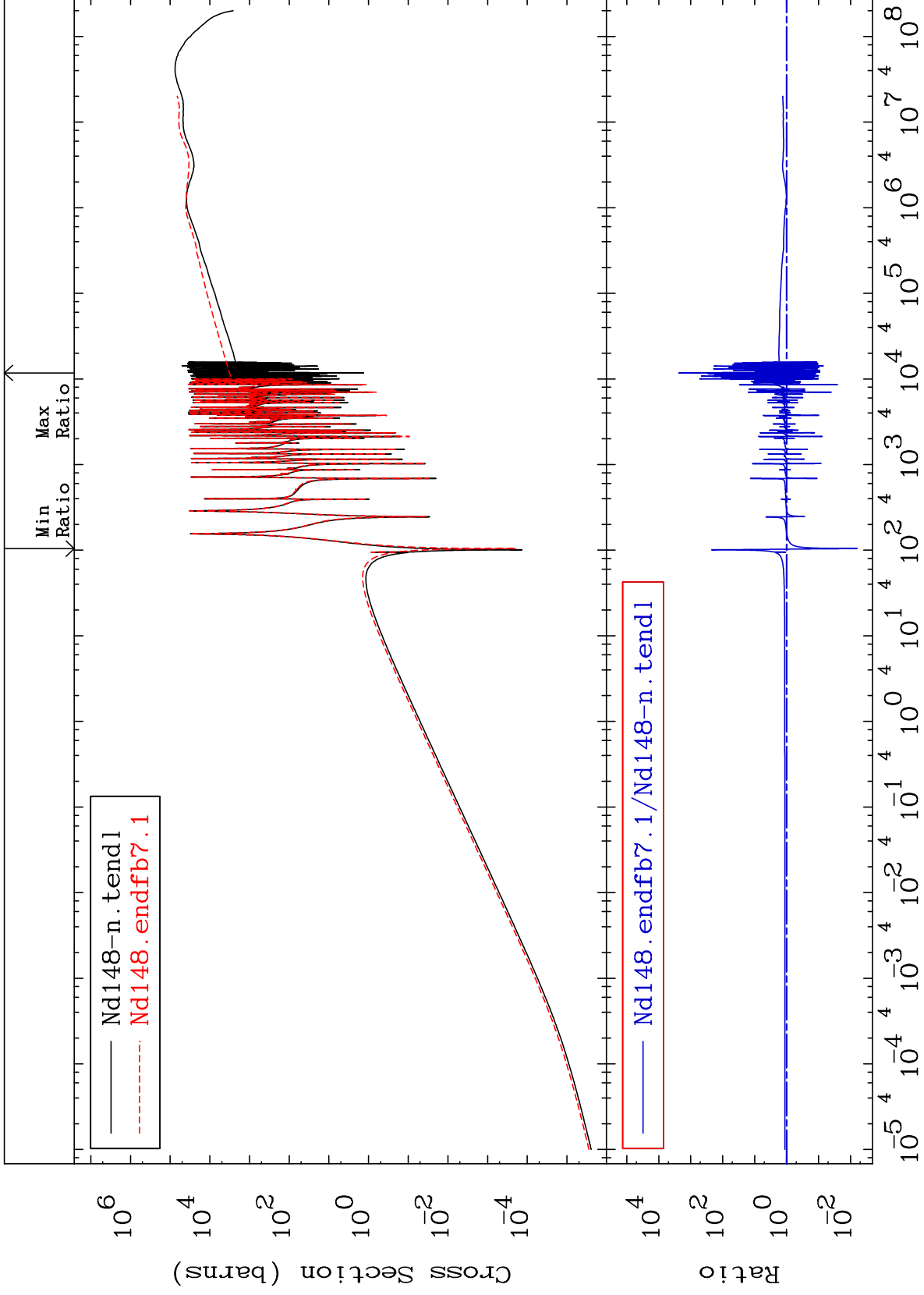




MAT 6043

Kerma elastic  
Cross Section

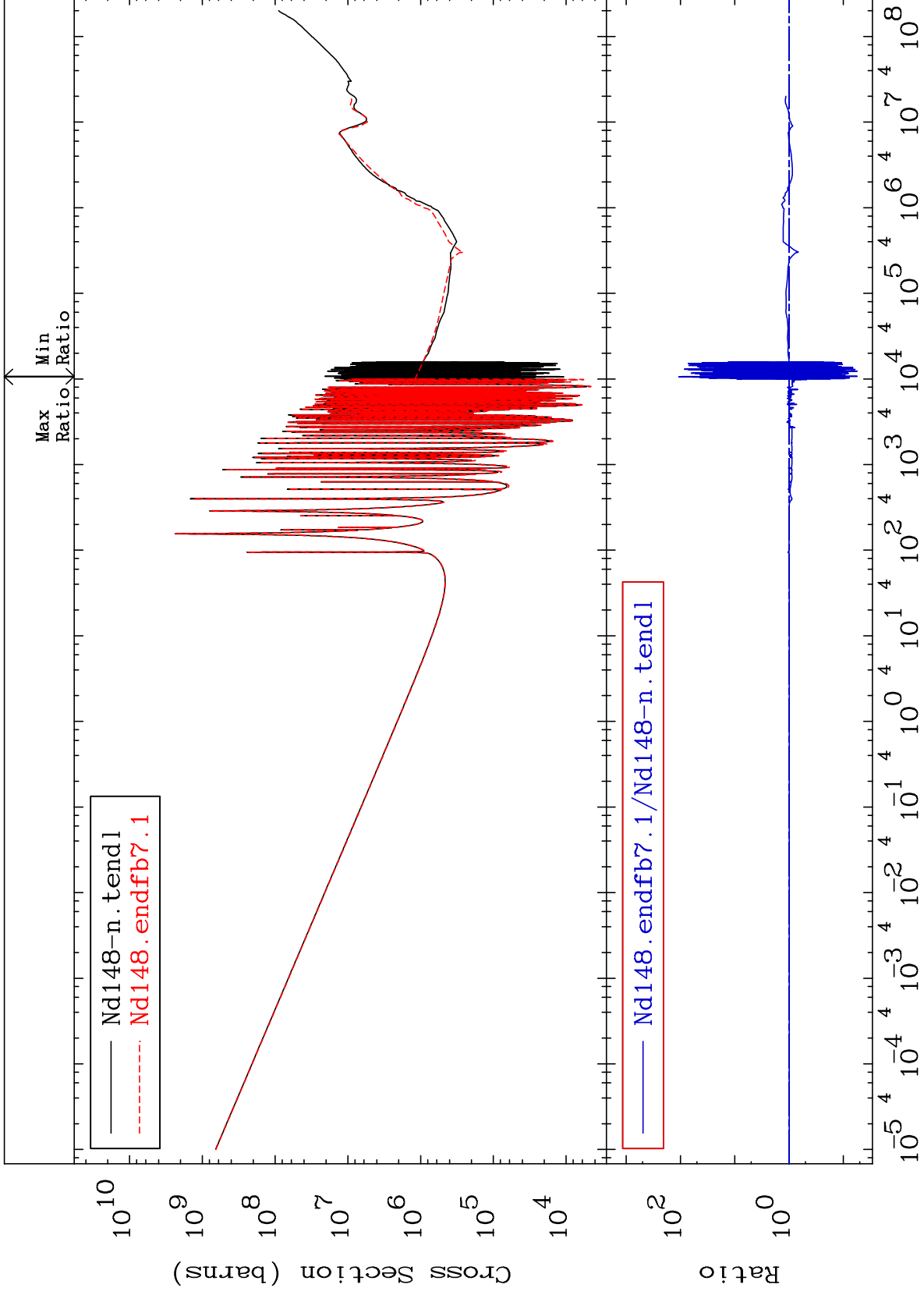
60-Nd-148  
-99.38 To 9999. %



MAT 6043

Kerma non-elastic (all but mt2)  
Cross Section

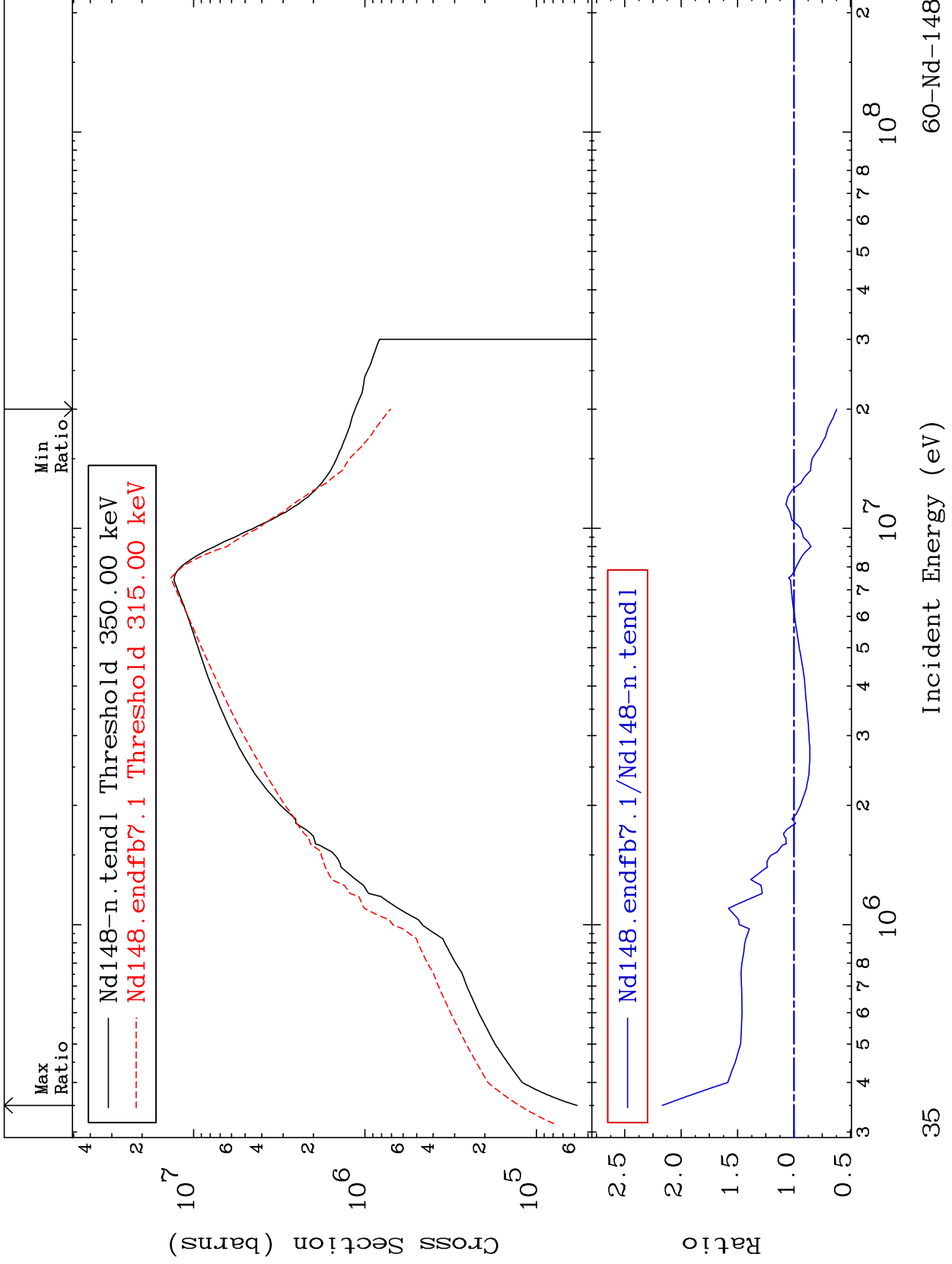
60-Nd-148  
-94.46 To 9999. %



MAT 6043

Kerma inelastic (mt51-91)  
Cross Section

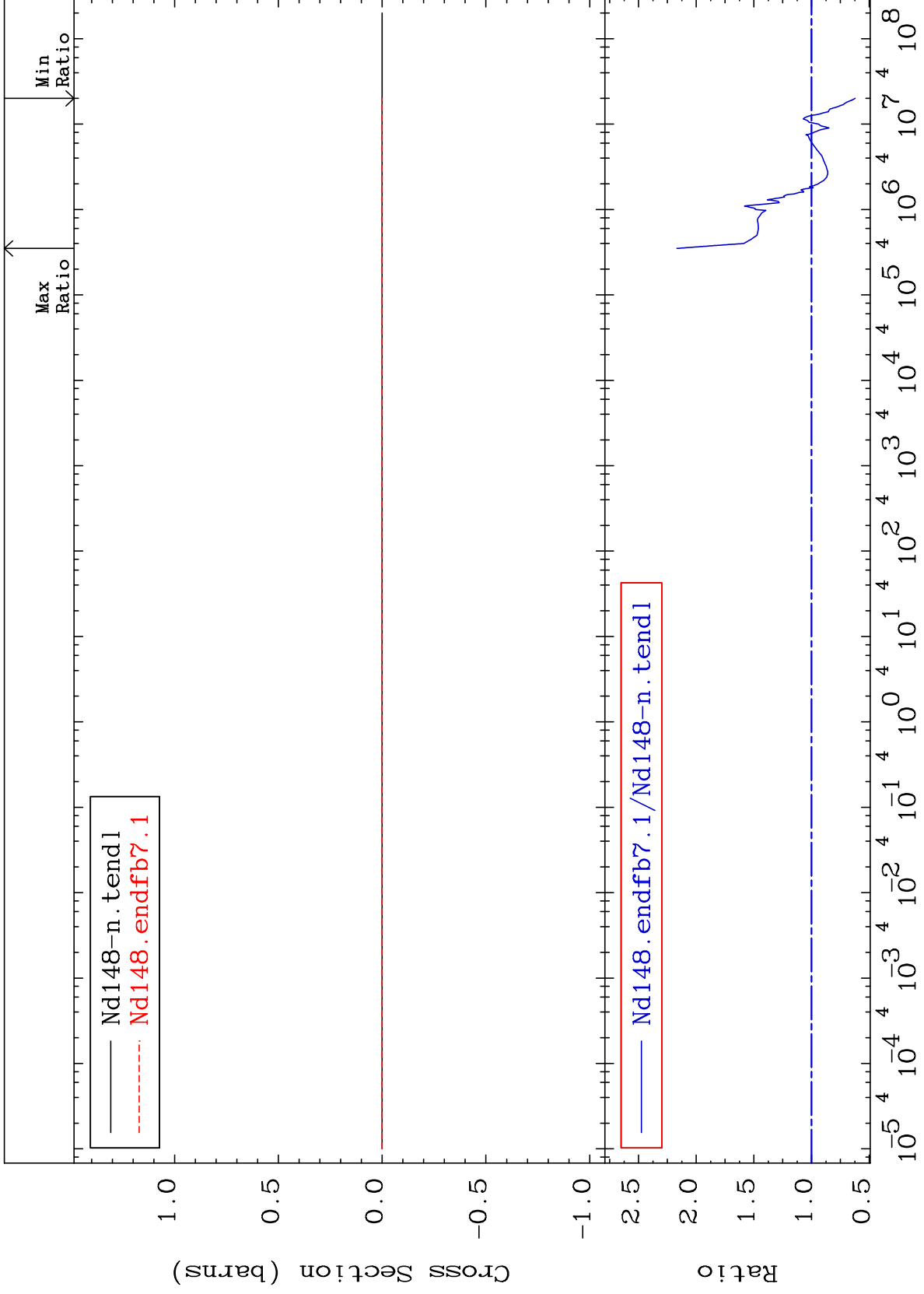
60-Nd-148  
-37.74 To 116.7 %



MAT 6043

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

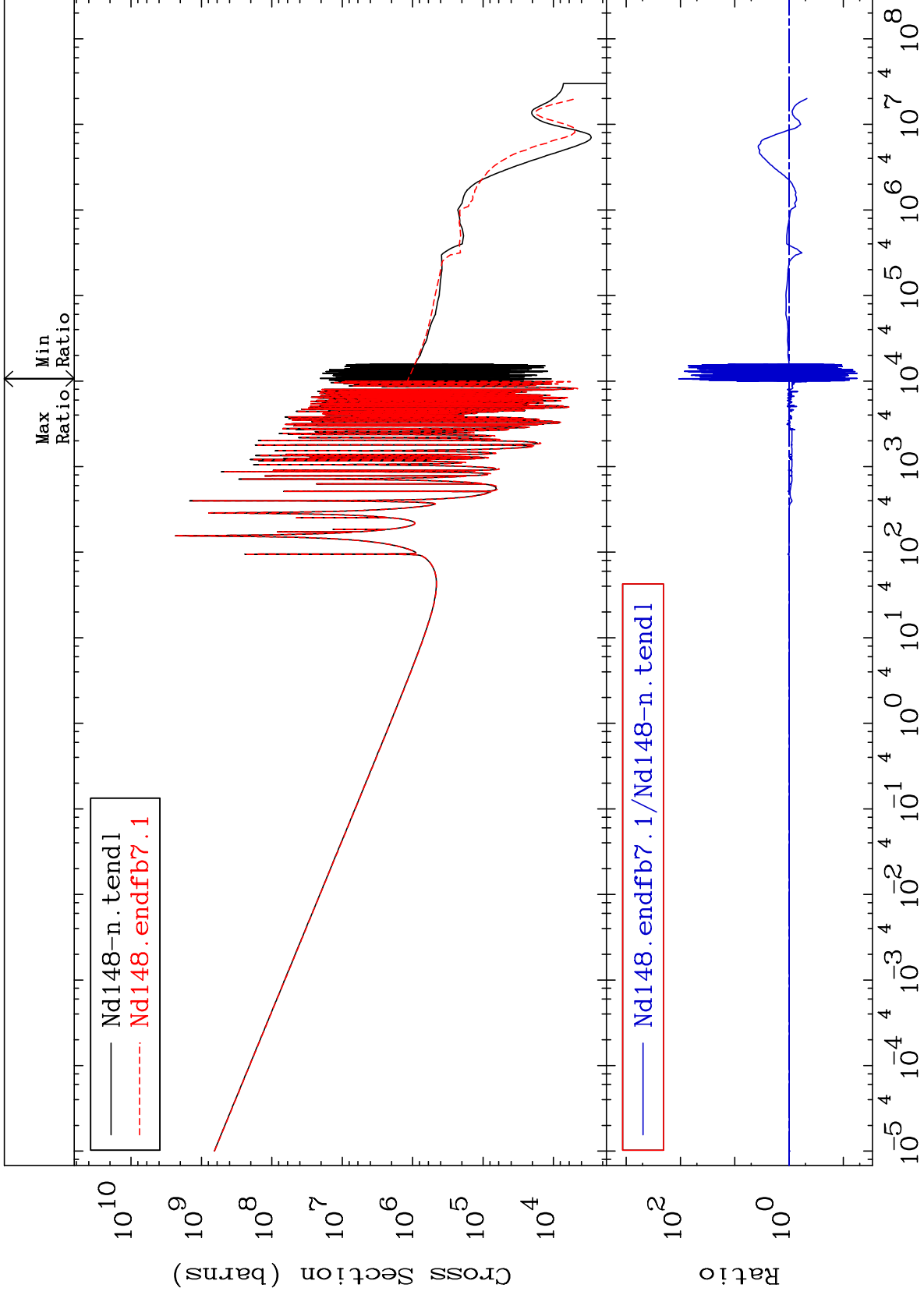
60-Nd-148  
-37.74 To 116.7 %



MAT 6043

Kerma capture (mt102)  
Cross Section

60-Nd-148  
-94.46 To 9999. %



37

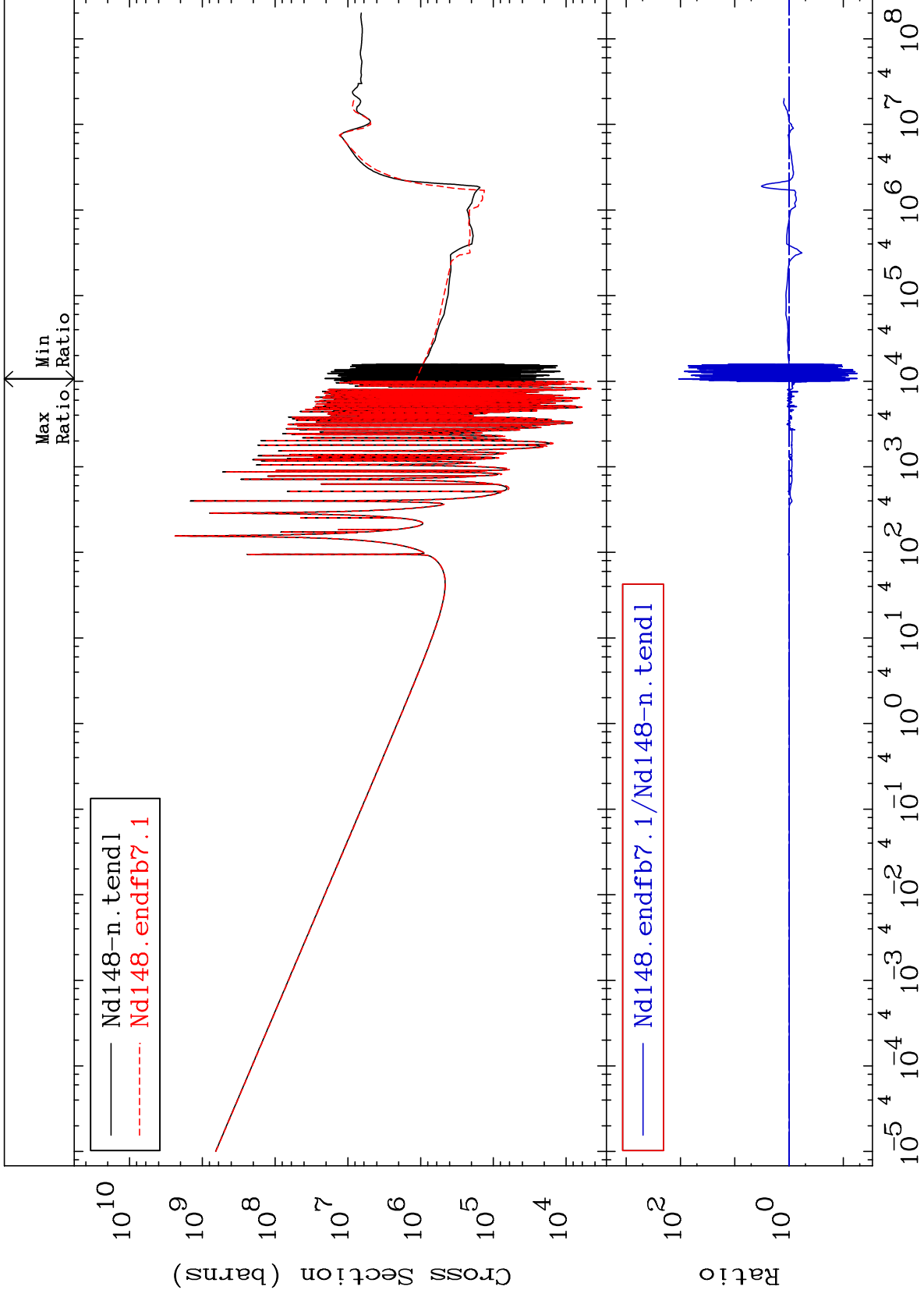
Incident Energy (eV)

60-Nd-148

MAT 6043

Total photon (eV-barns)  
Cross Section

60-Nd-148  
-94.46 To 9999. %



38

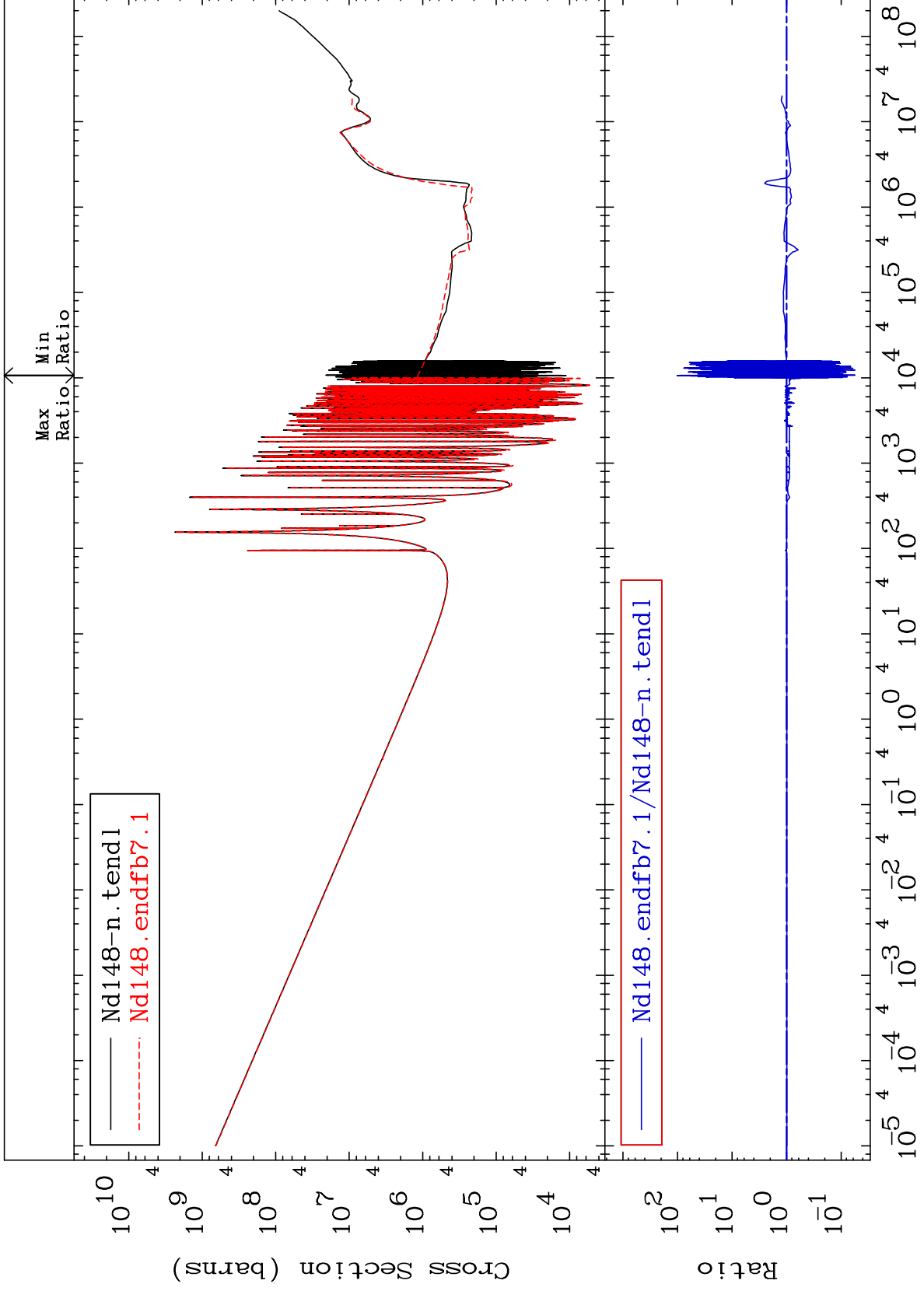
Incident Energy (eV)

60-Nd-148

MAT 6043

Total kinematic kerma (high limit)  
Cross Section

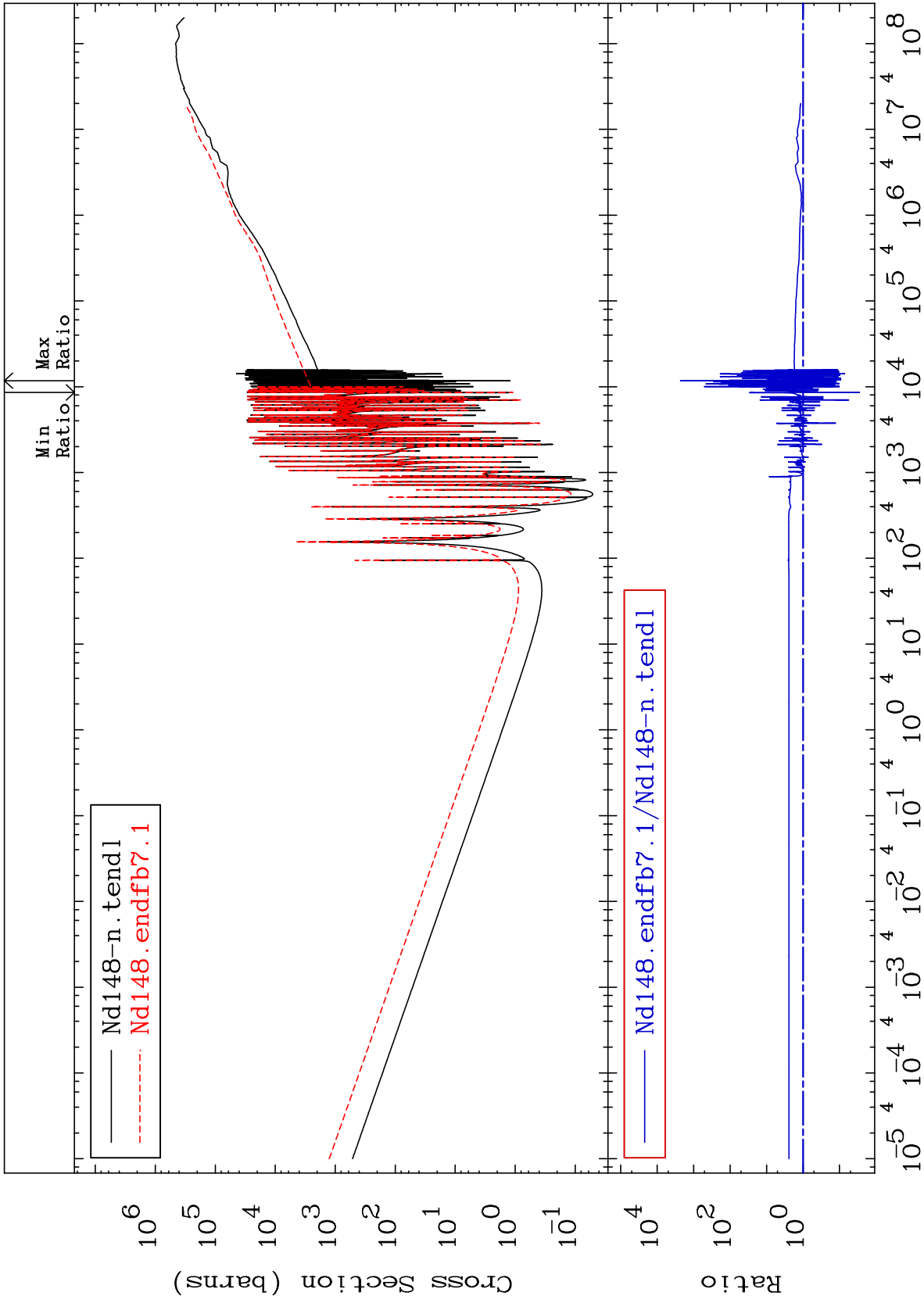
60-Nd-148  
-94.45 To 9999. %



MAT 6043

Dpa total (eV-barns)  
Cross Section

60-Nd-148  
-97.16 To 9999. %



40

Incident Energy (eV)

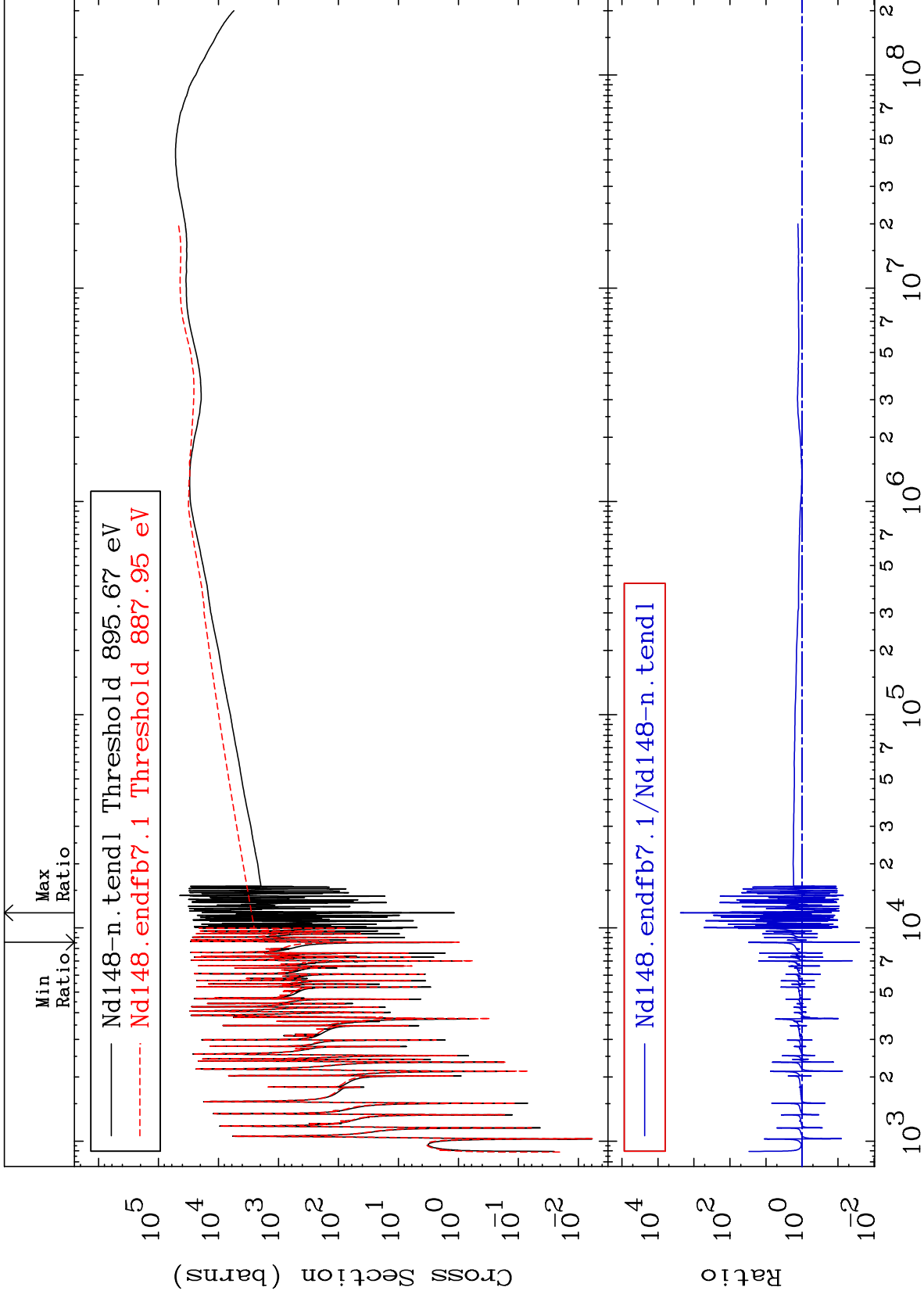
60-Nd-148



MAT 6043

Dpa elastic (mt2)  
Cross Section

60-Nd-148  
-97.45 To 9999. %



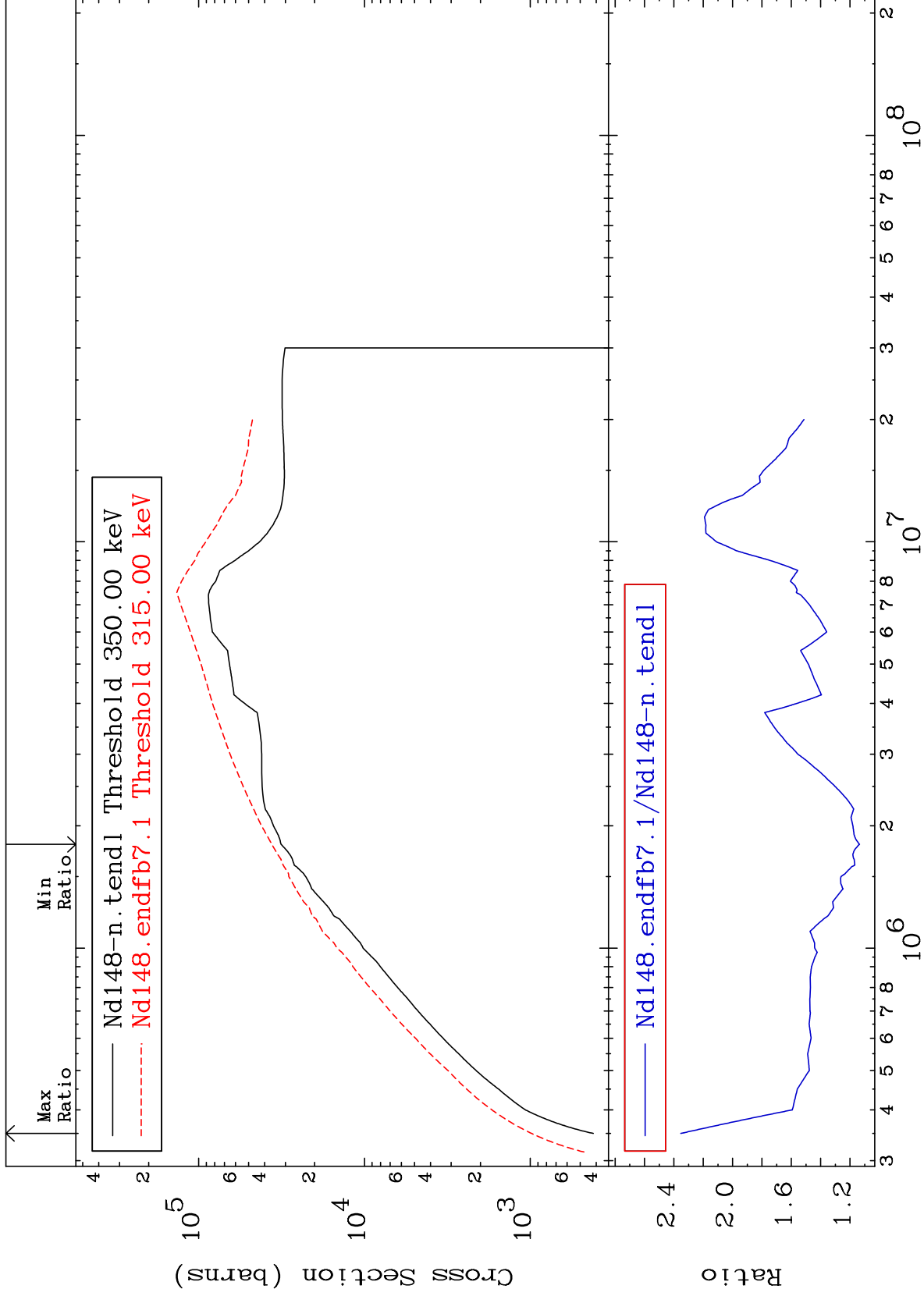
41

60-Nd-148

MAT 6043

Dpa inelastic (mt51-91)  
Cross Section

60-Nd-148  
13.53 To 135.3 %



MAT 6043

Dpa disappearance (mt102 -120)  
Cross Section

60-Nd-148  
-86.51 To 9999. %

