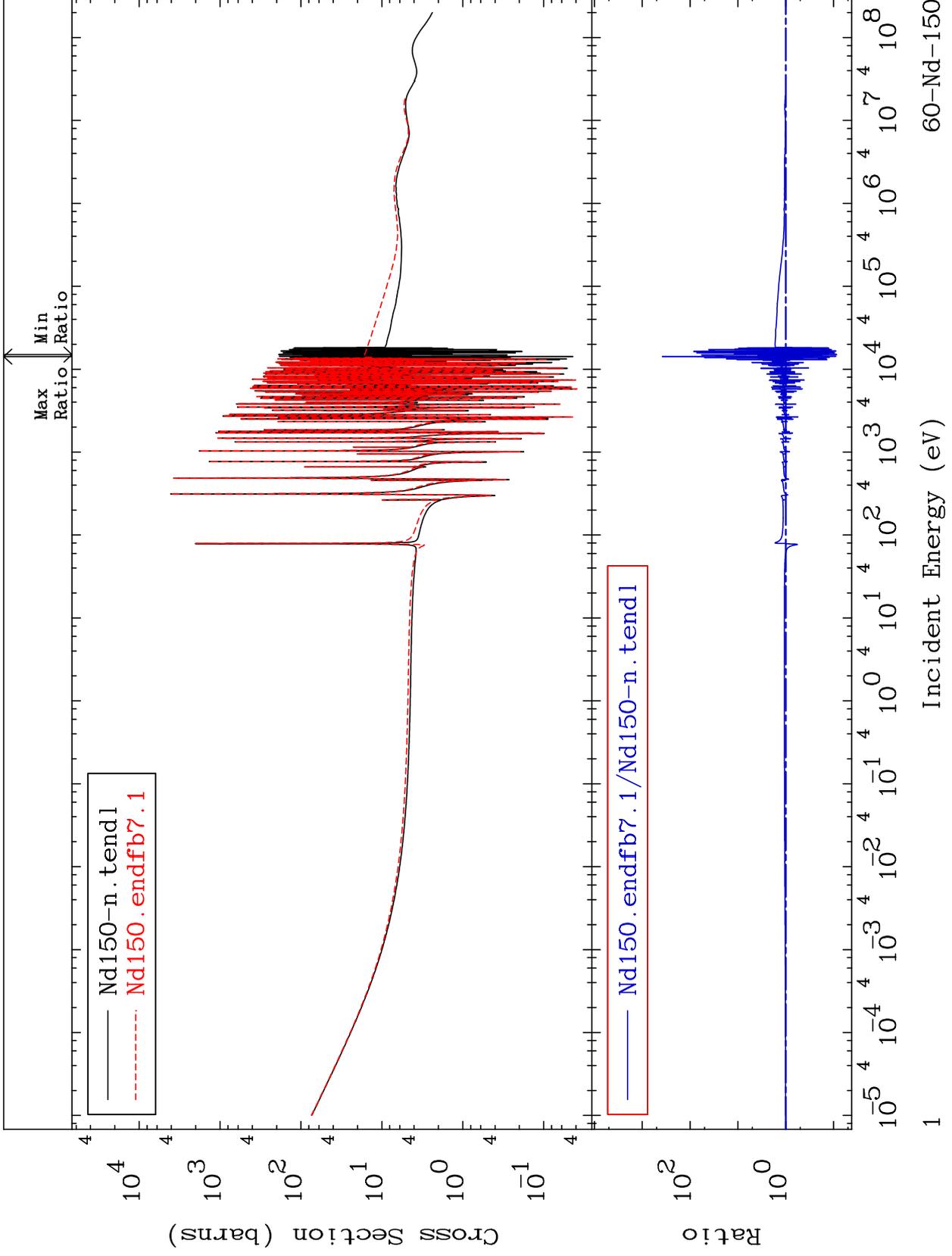


MAT 6049

Total  
Cross Section

60-Nd-150  
-91.43 To 9999. %



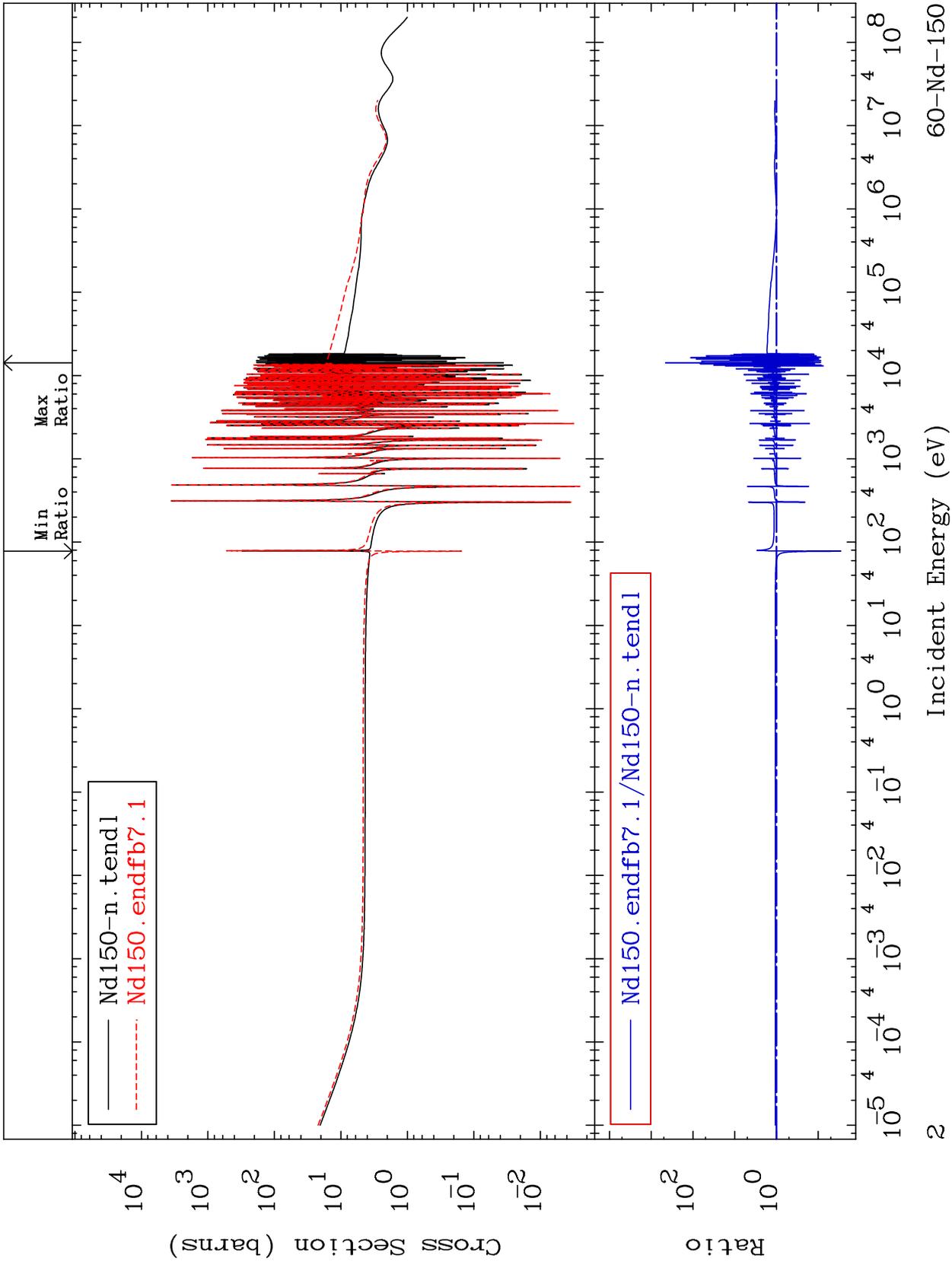
60-Nd-150

Incident Energy (eV)

MAT 6049

Elastic  
Cross Section

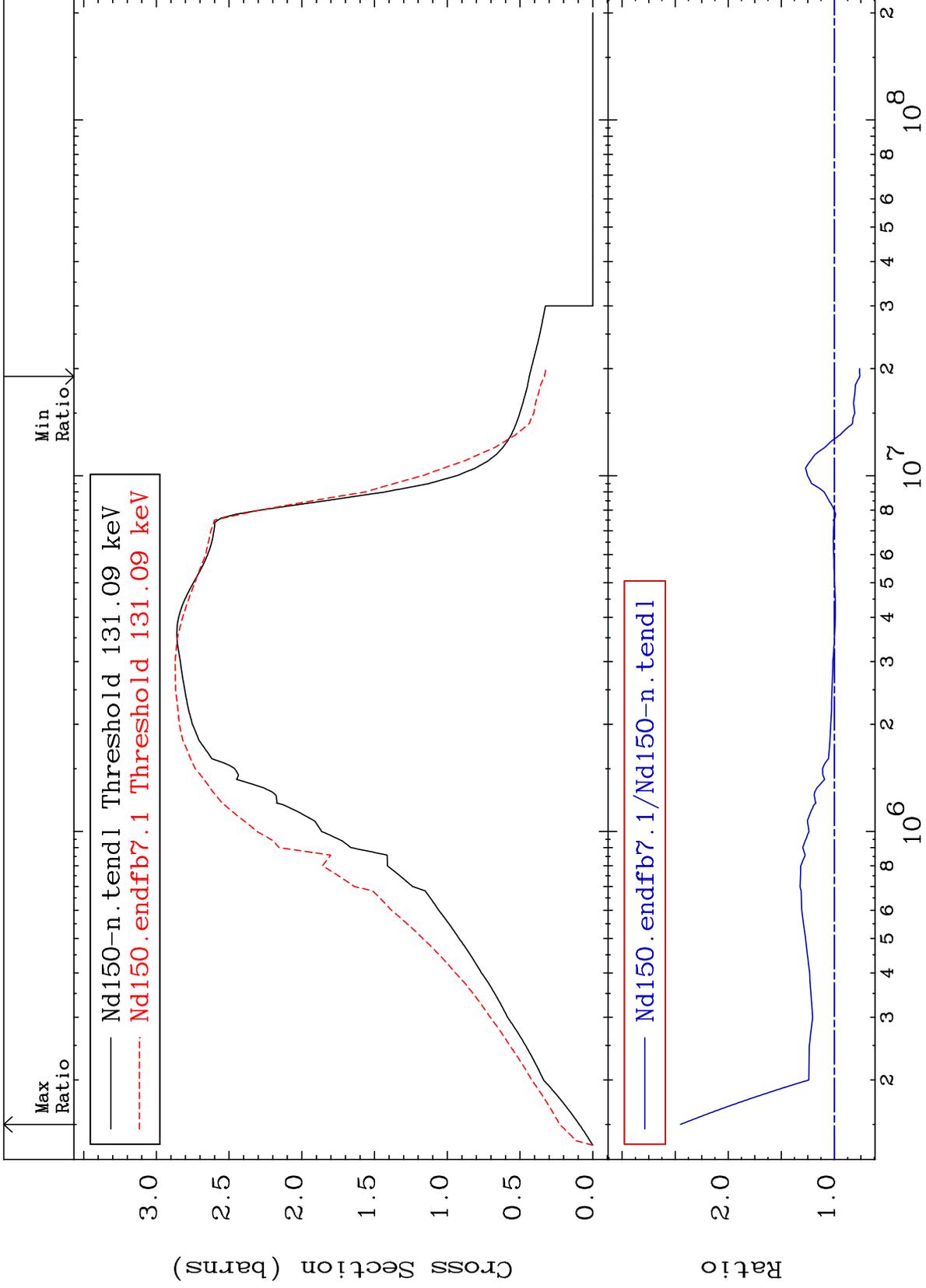
60-Nd-150  
-97.14 To 9999. %



MAT 6049

Inelastic  
Cross Section

60-Nd-150  
-24.01 To 145.0 %



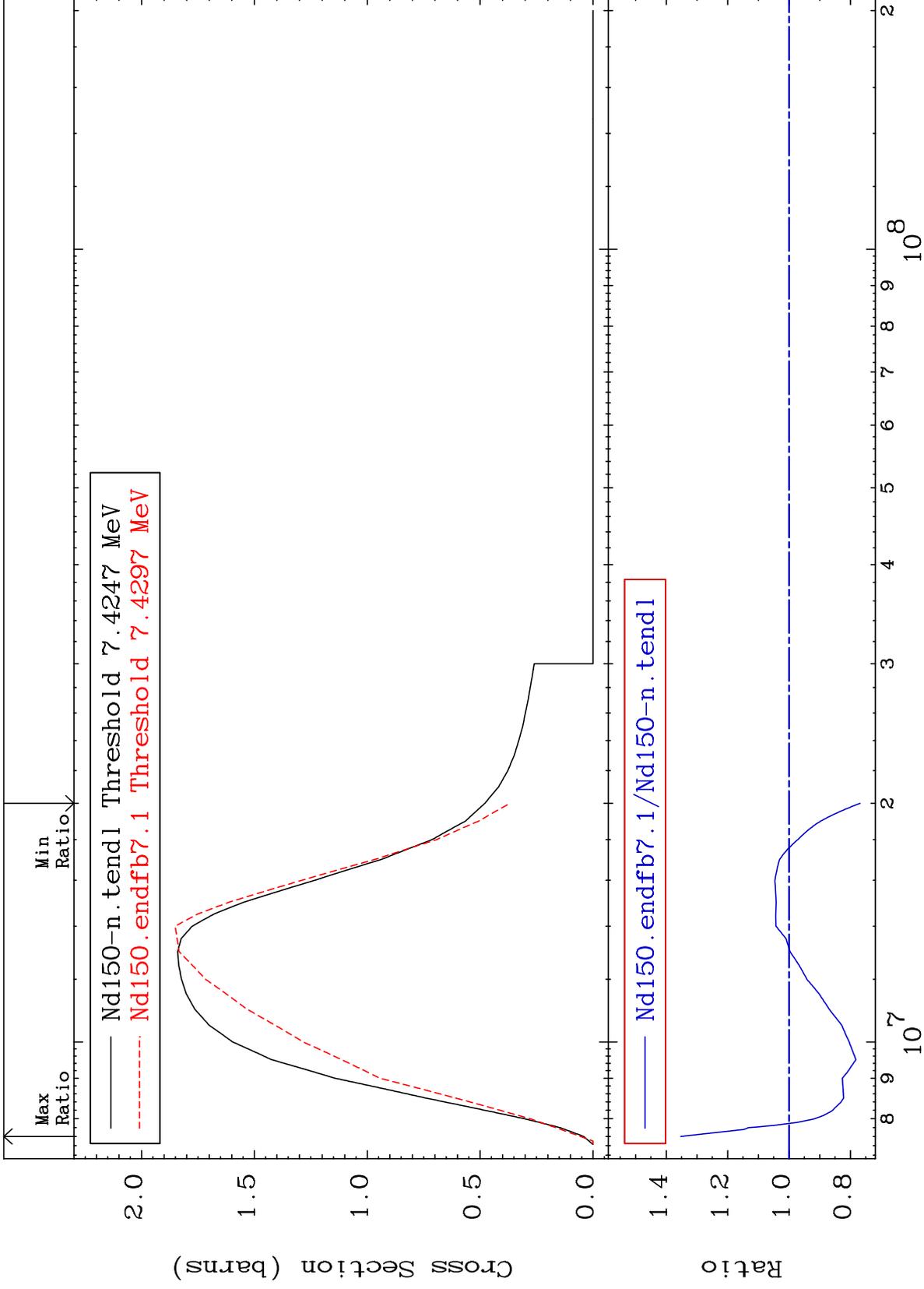
MAT 6049

(n,2n)

60-Nd-150

Cross Section

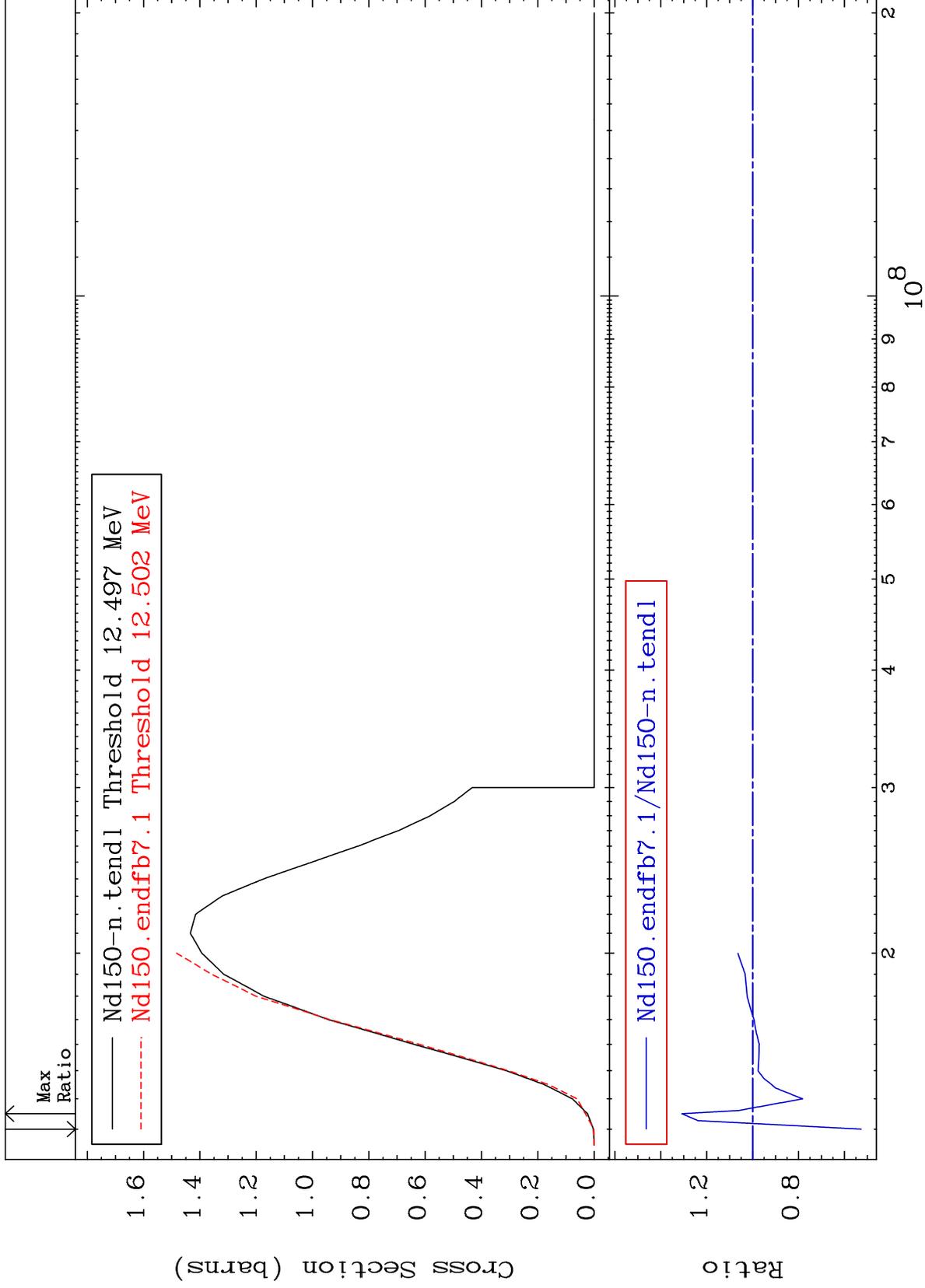
-23.16 To 35.26 %



4

Incident Energy (eV)

60-Nd-150



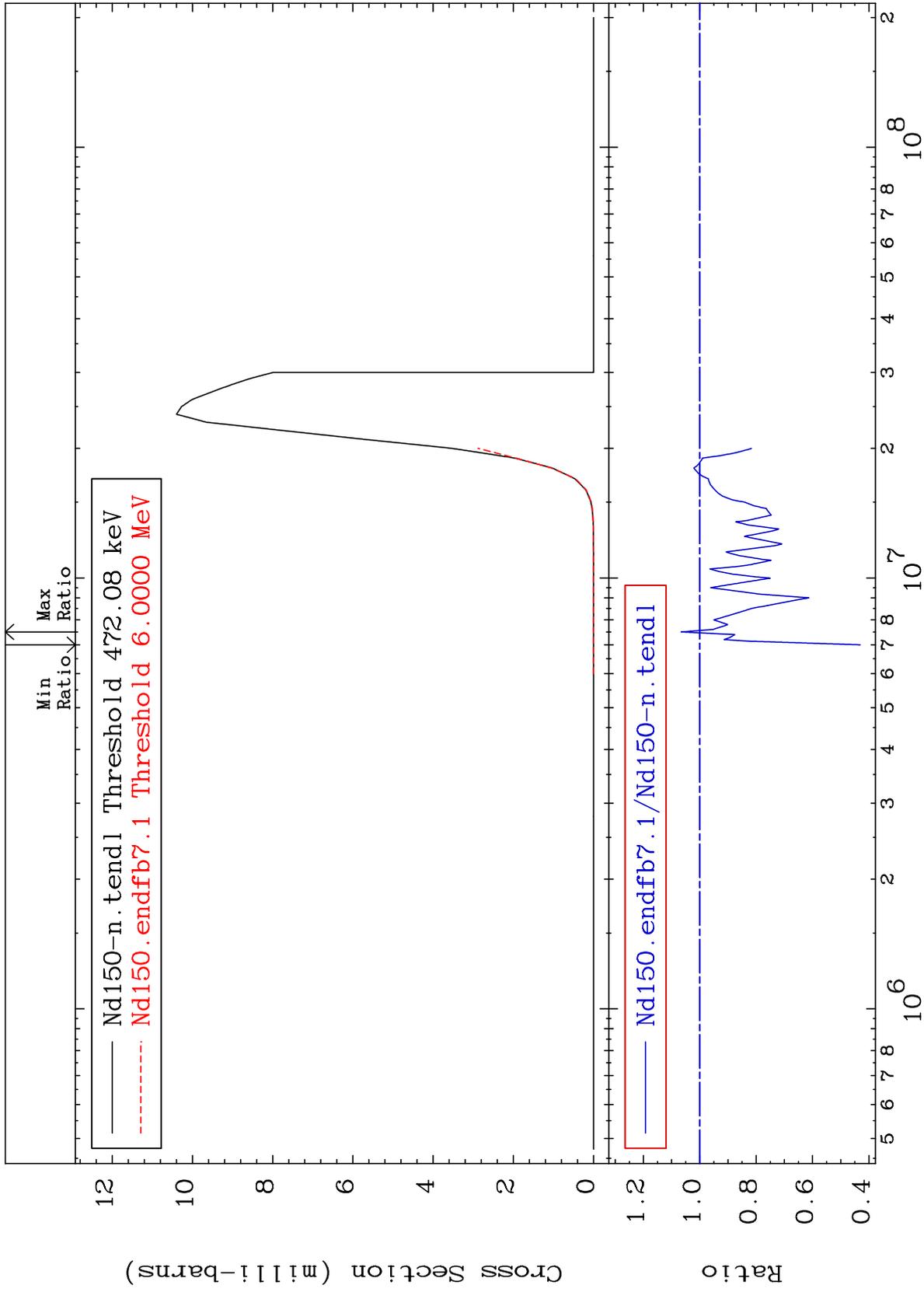
MAT 6049

(n, n')  $\alpha$

60-Nd-150

Cross Section

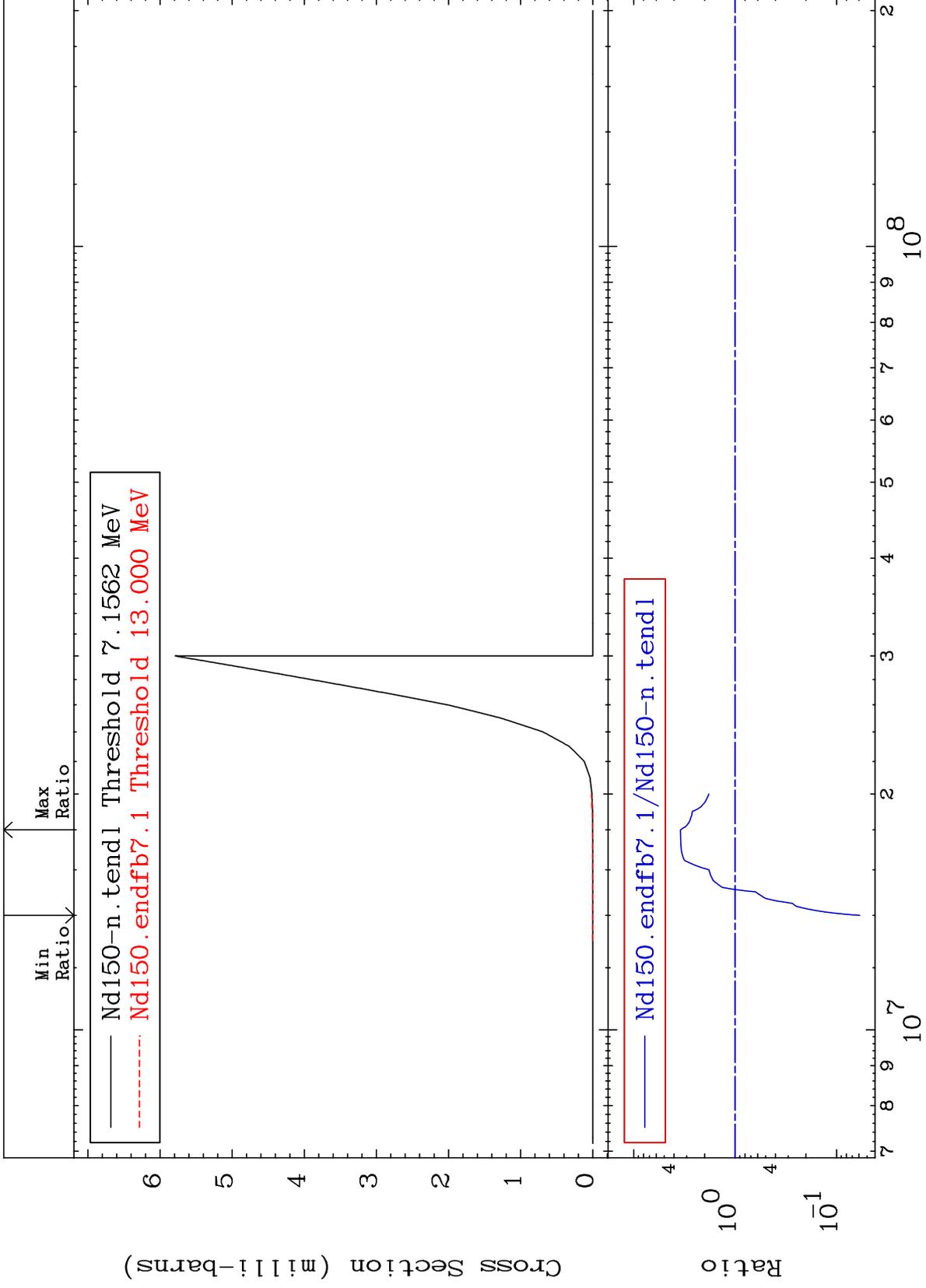
-56.91 To 6.606 %



MAT 6049

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

60-Nd-150  
-94.10 To 245.8 %



7

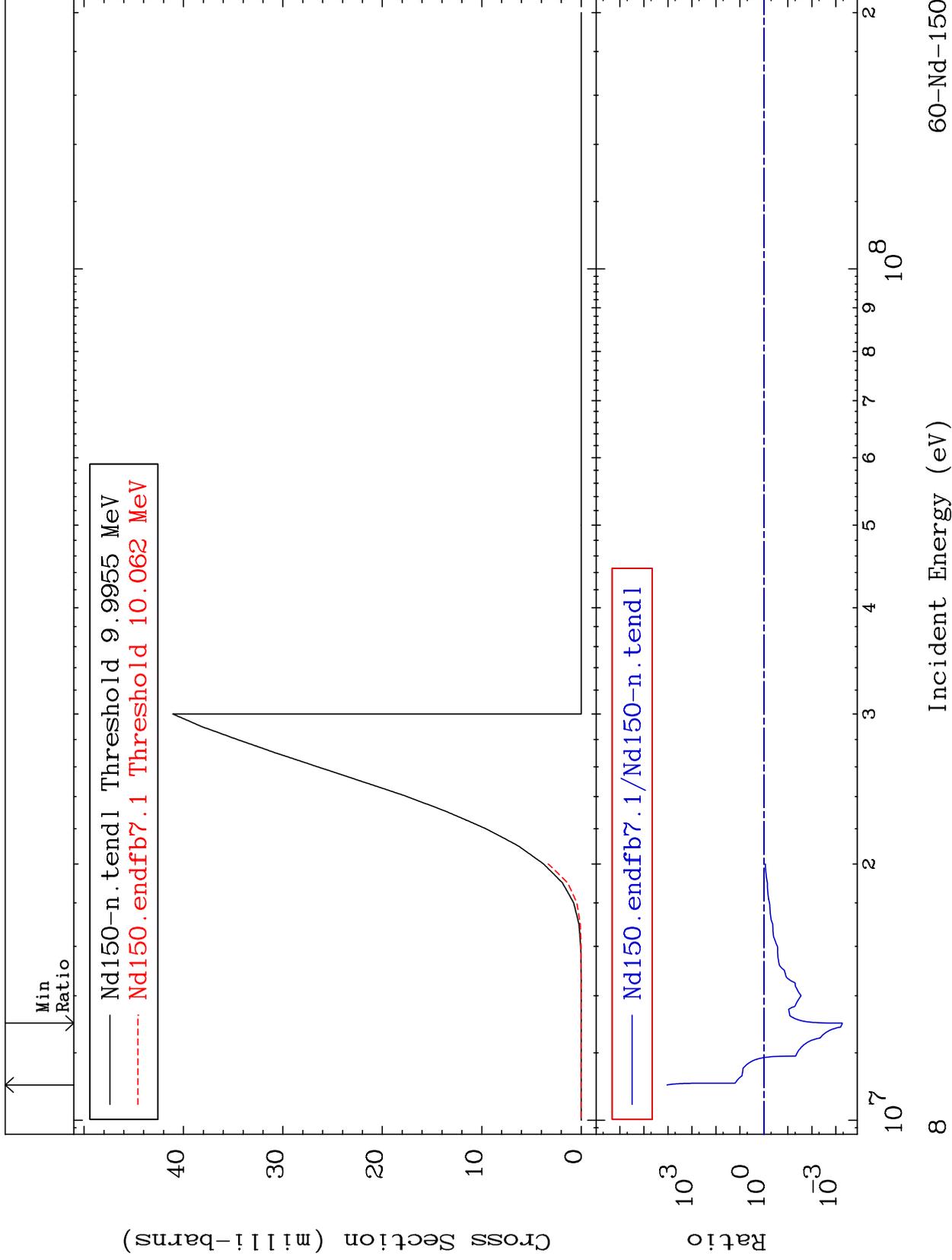
Incident Energy (eV)

60-Nd-150

MAT 6049

(n,n') p  
Cross Section

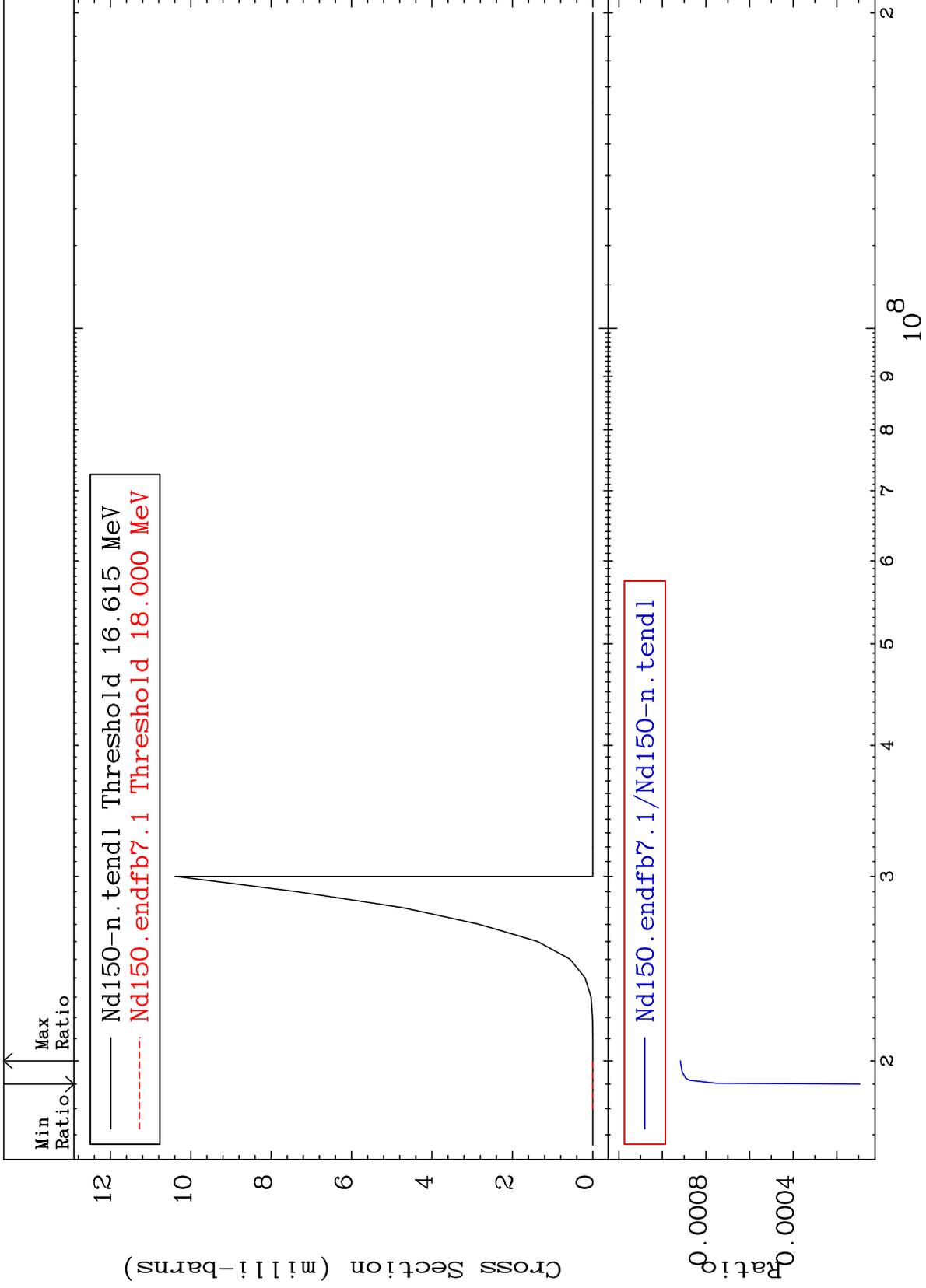
60-Nd-150  
-99.95 To 9999. %



MAT 6049

(n,2n) p  
Cross Section

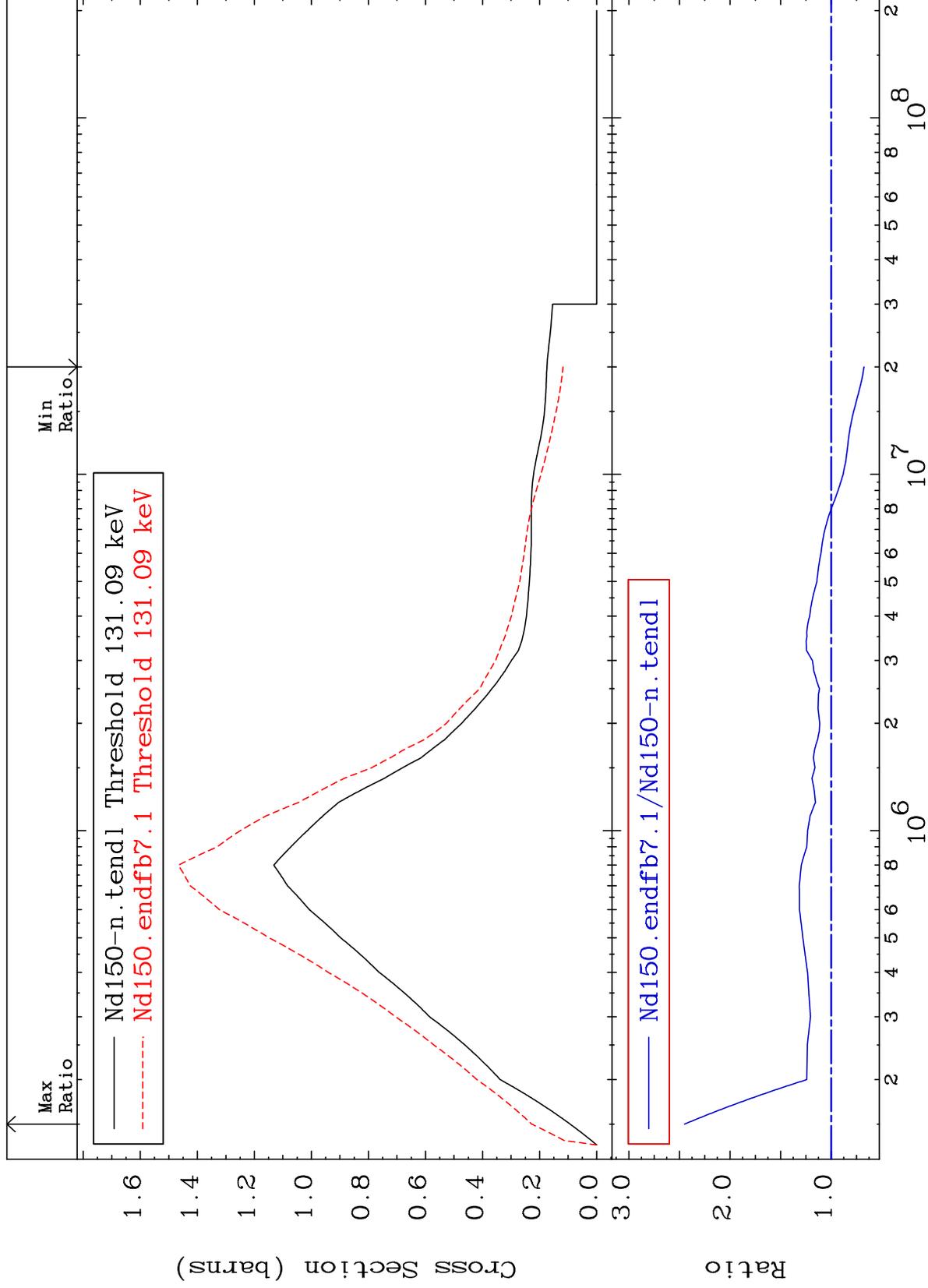
60-Nd-150  
-99.99 To -99.91%



MAT 6049

130.2 keV (n,n') Level  
Cross Section

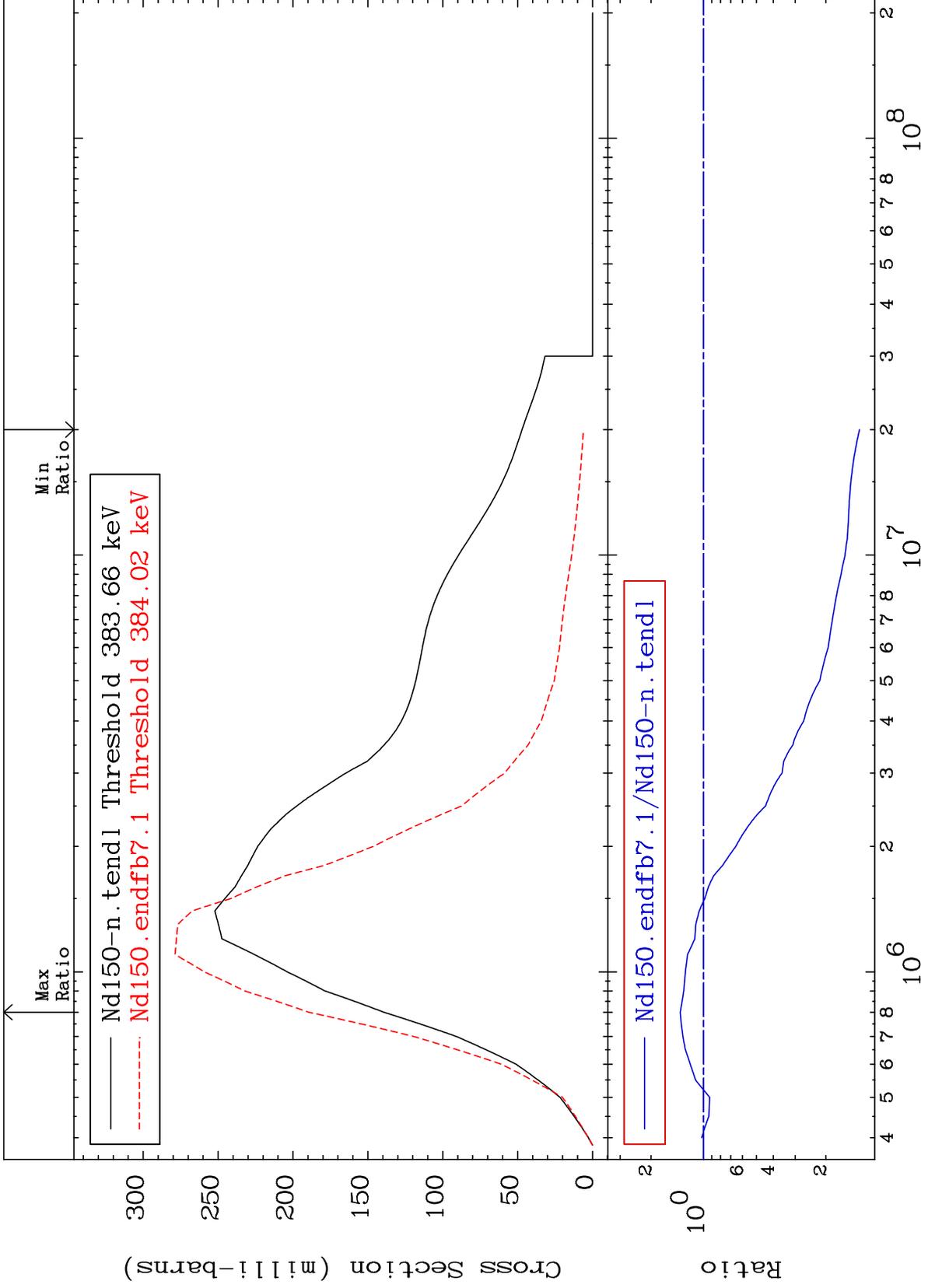
60-Nd-150  
-32.51 To 145.0 %



MAT 6049

381.1 keV (n,n') Level  
Cross Section

60-Nd-150  
-87.14 To 35.99 %



11

Incident Energy (eV)

60-Nd-150

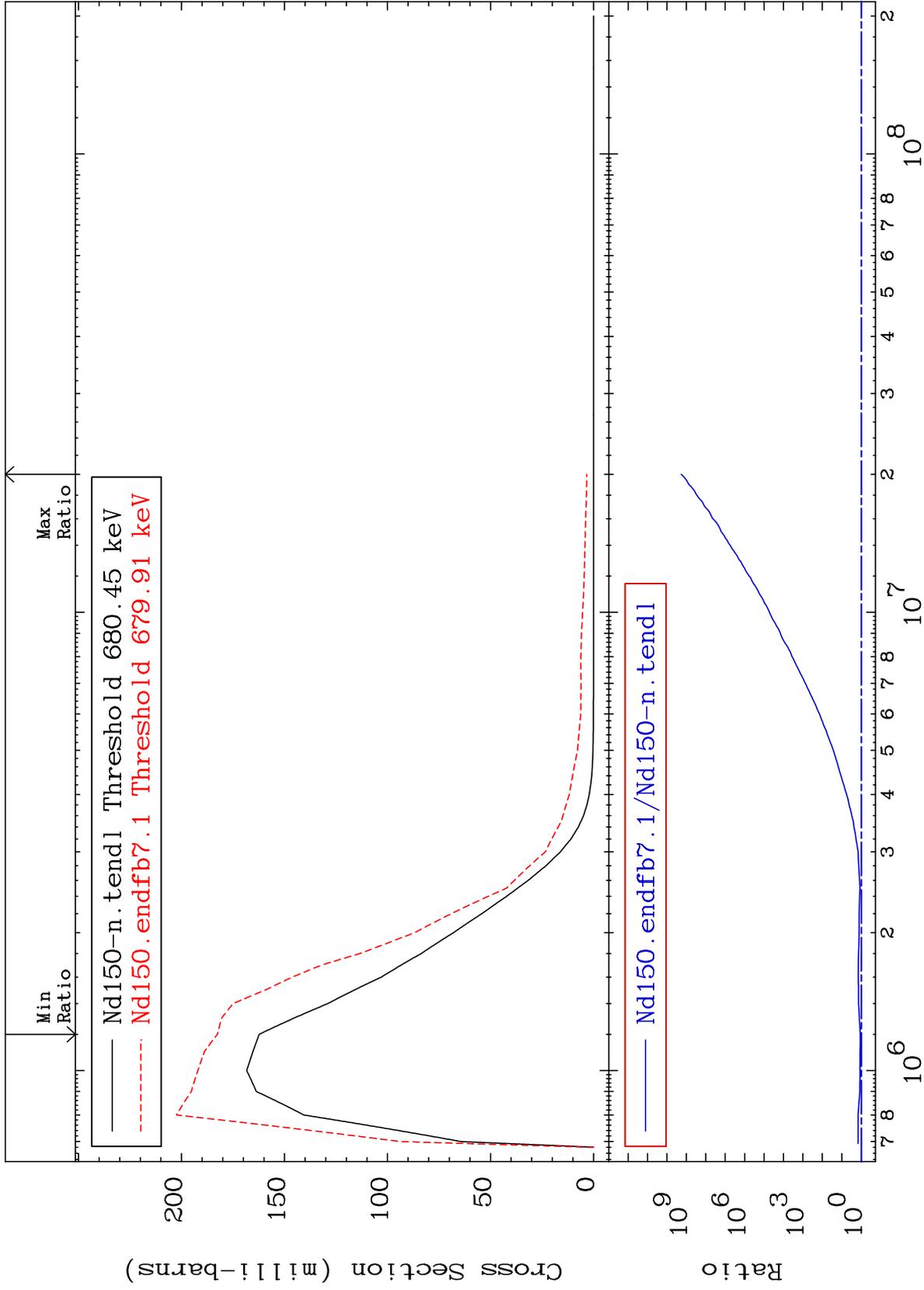
MAT 6049

675.9 keV (n,n') Level

60-Nd-150

12.52 To 9999. %

Cross Section



12

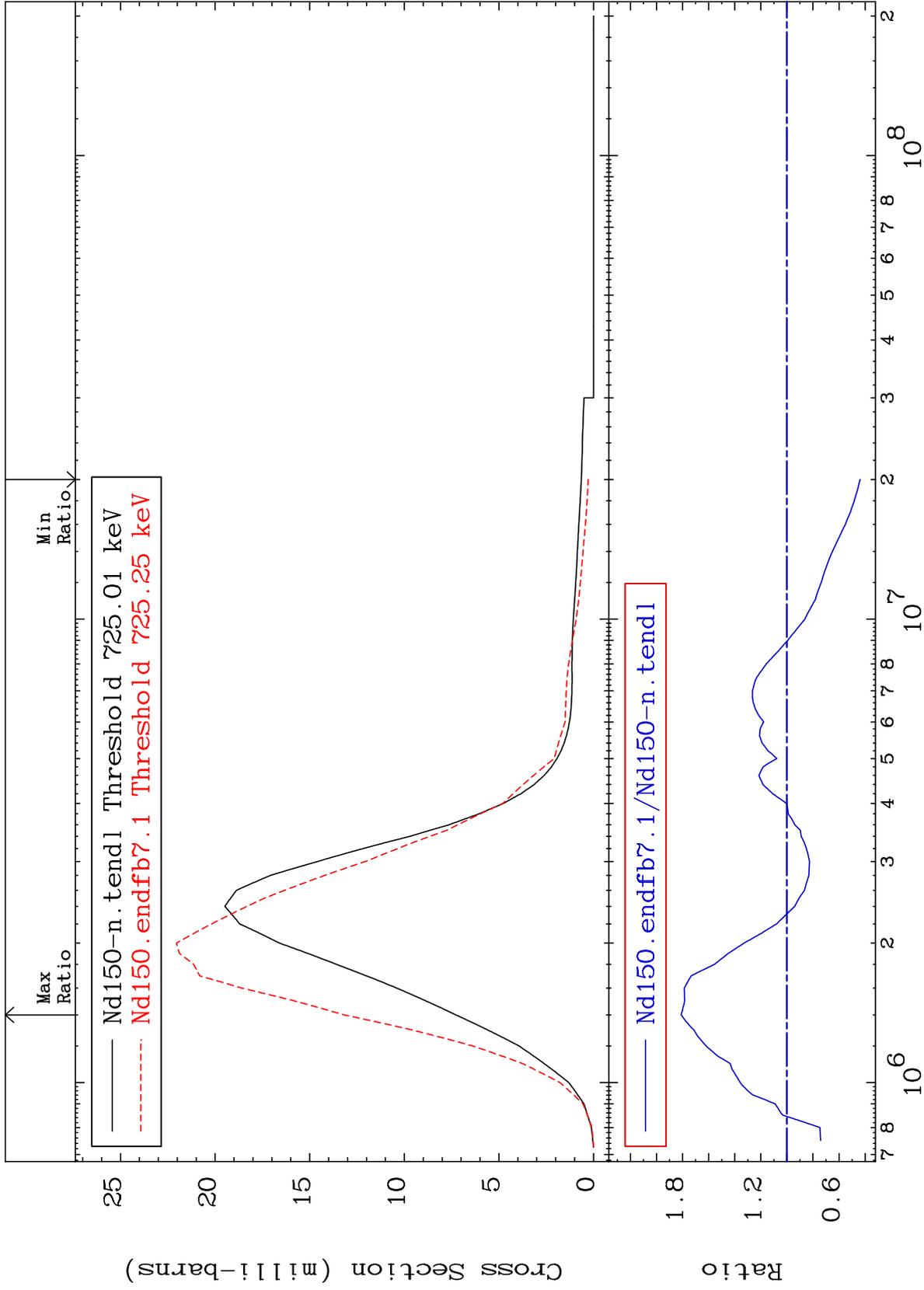
MAT 6049

720.2 keV (n,n') Level

60-Nd-150

Cross Section

-56.22 To 81.07 %



13

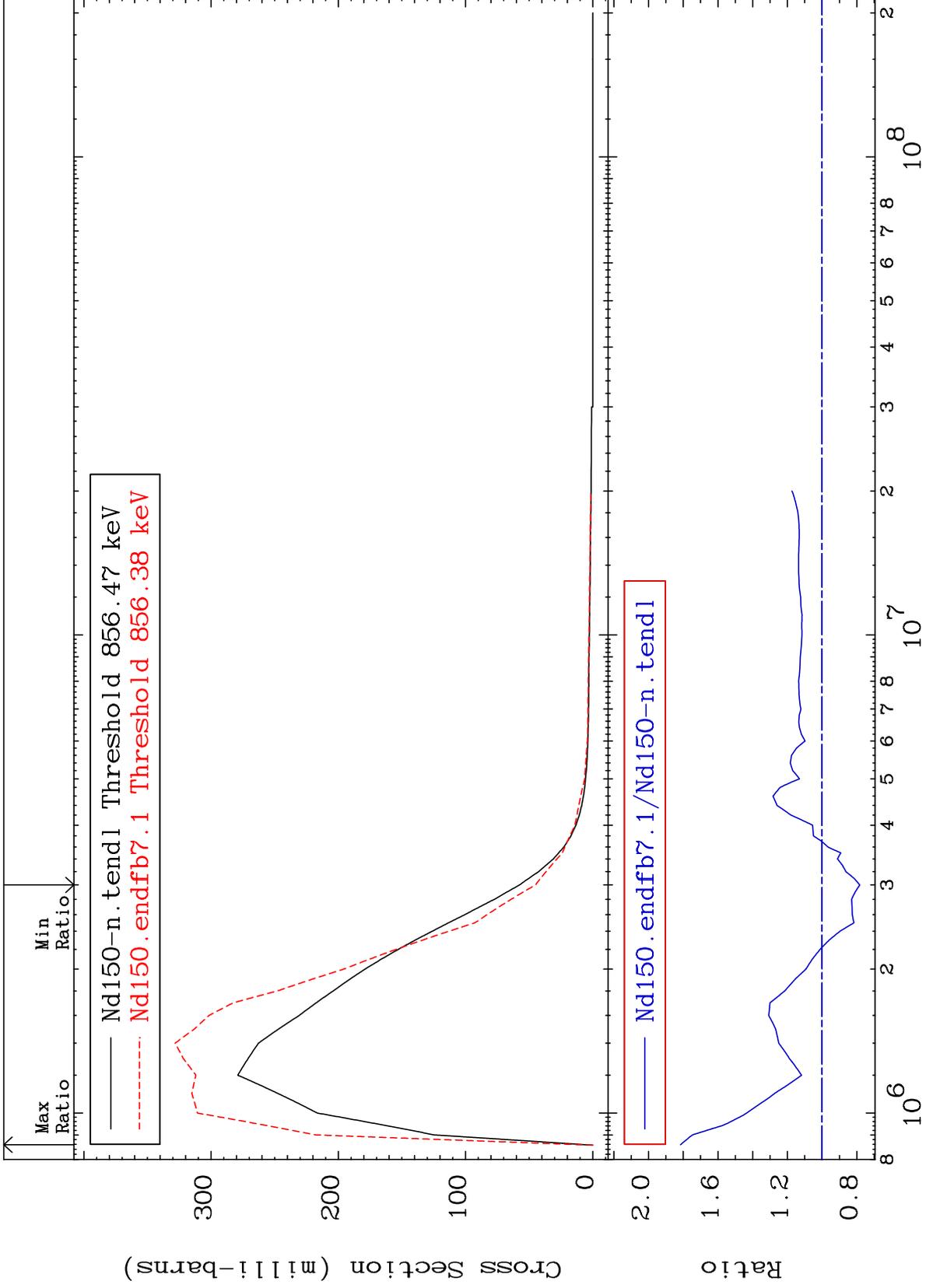
Incident Energy (eV)

60-Nd-150

MAT 6049

850.8 keV (n,n') Level  
Cross Section

60-Nd-150  
-21.72 To 81.57 %



14

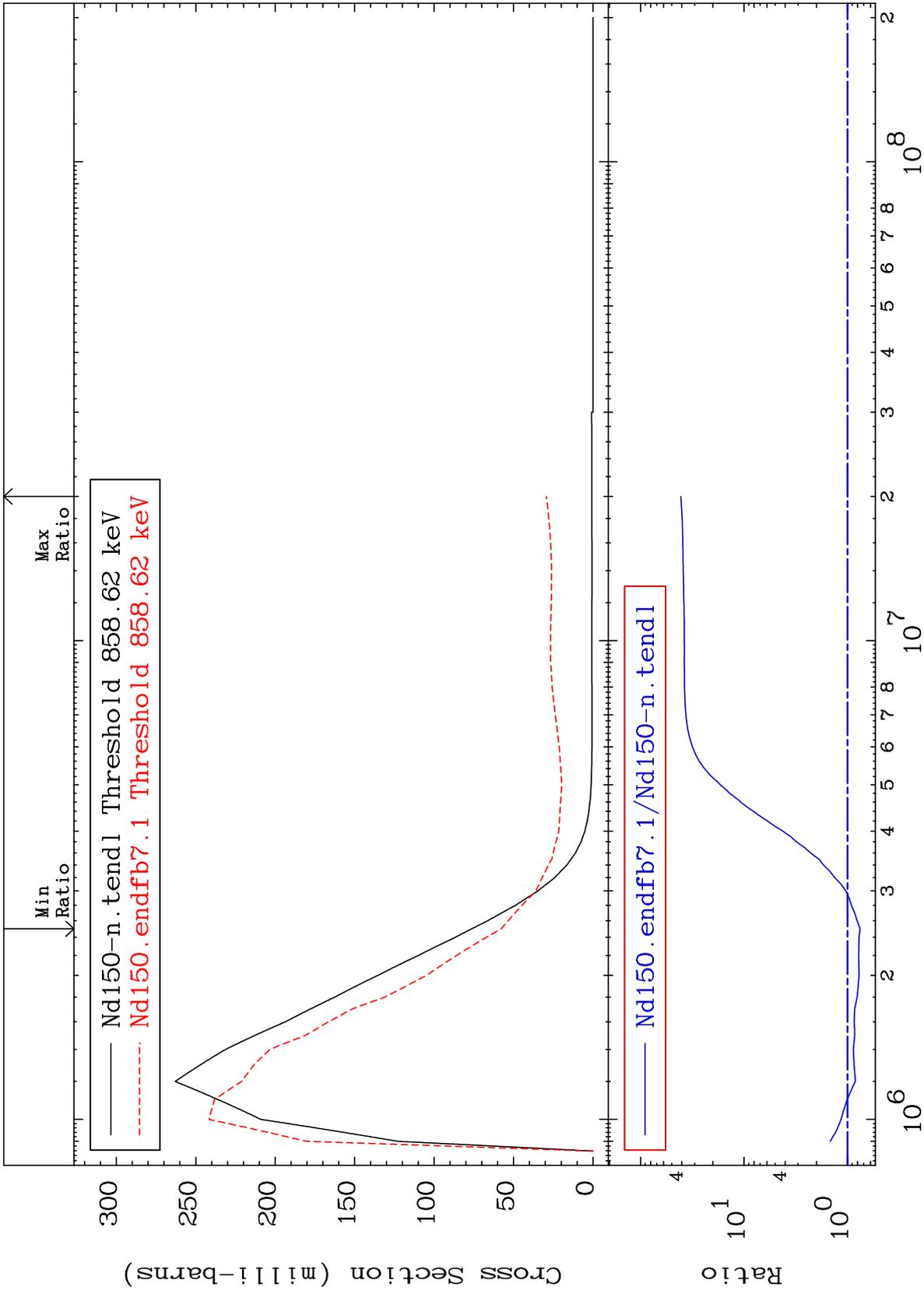
Incident Energy (eV)

60-Nd-150

MAT 6049

852.9 keV (n,n') Level  
Cross Section

60-Nd-150  
-24.41 To 3989. %



15

Incident Energy (eV)

60-Nd-150

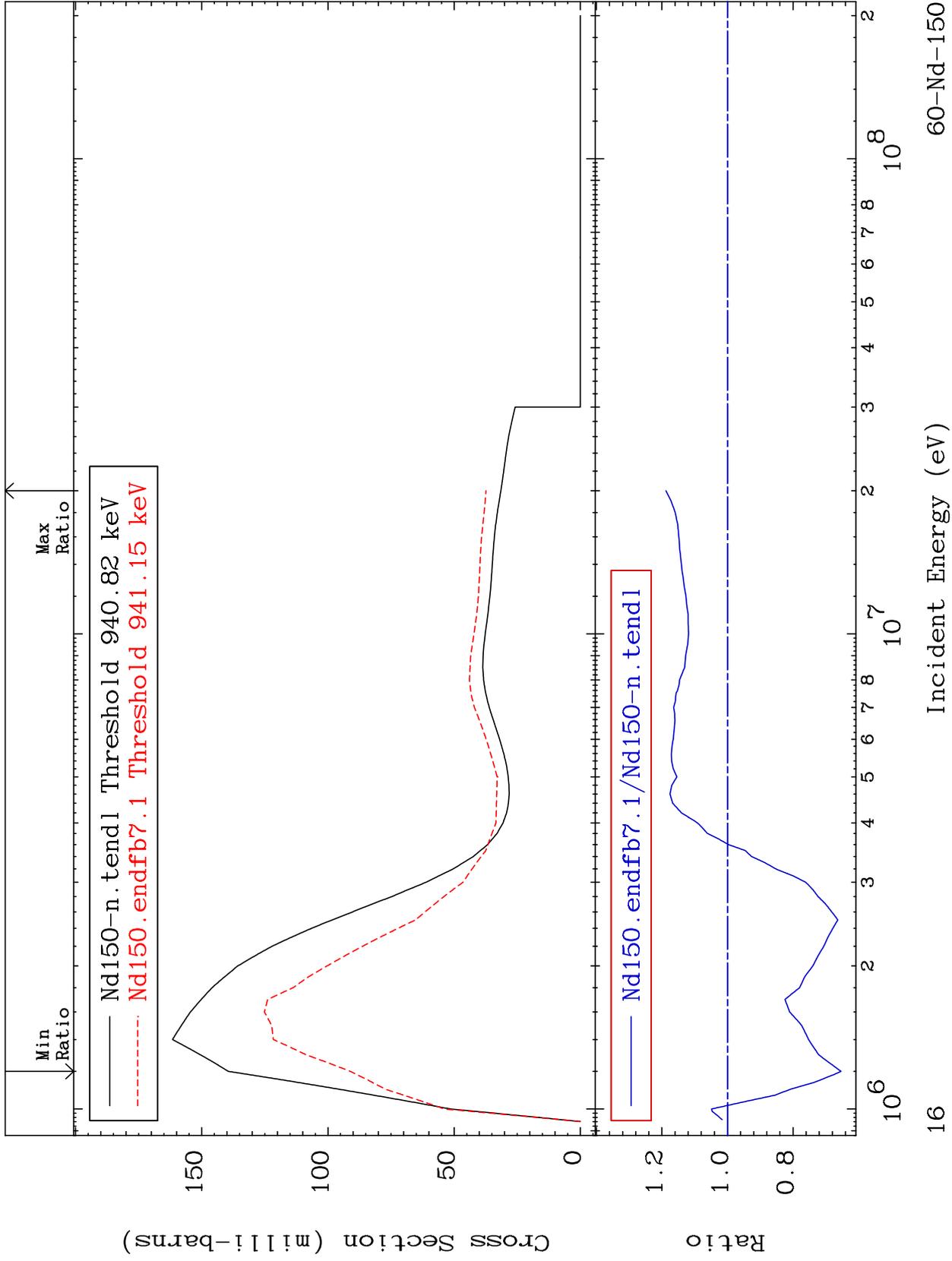
MAT 6049

934.5 keV (n,n') Level

60-Nd-150

-34.64 To 18.77 %

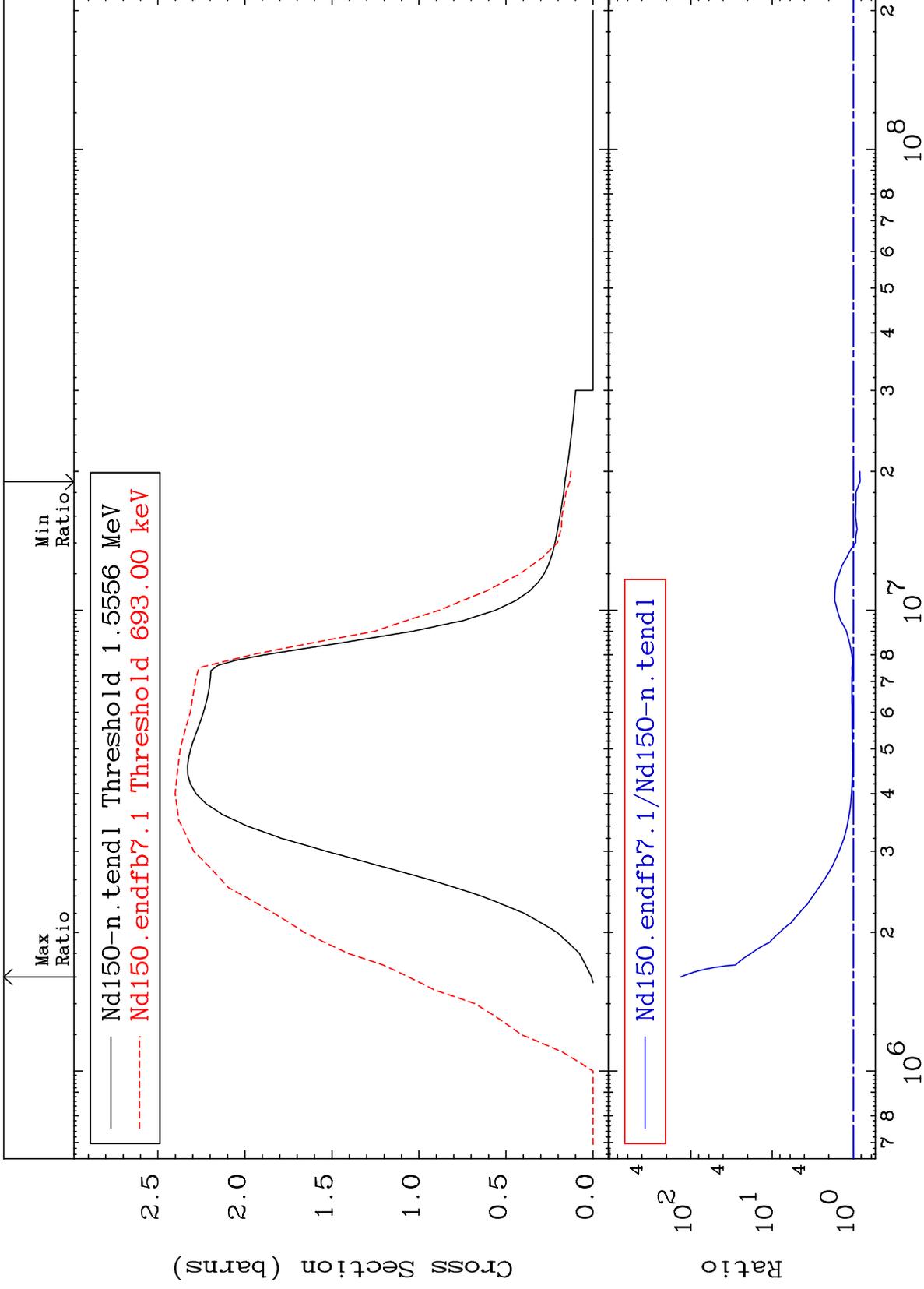
Cross Section



MAT 6049

(n, n') Continuum  
Cross Section

60-Nd-150  
-17.50 To 9999. %



17

Incident Energy (eV)

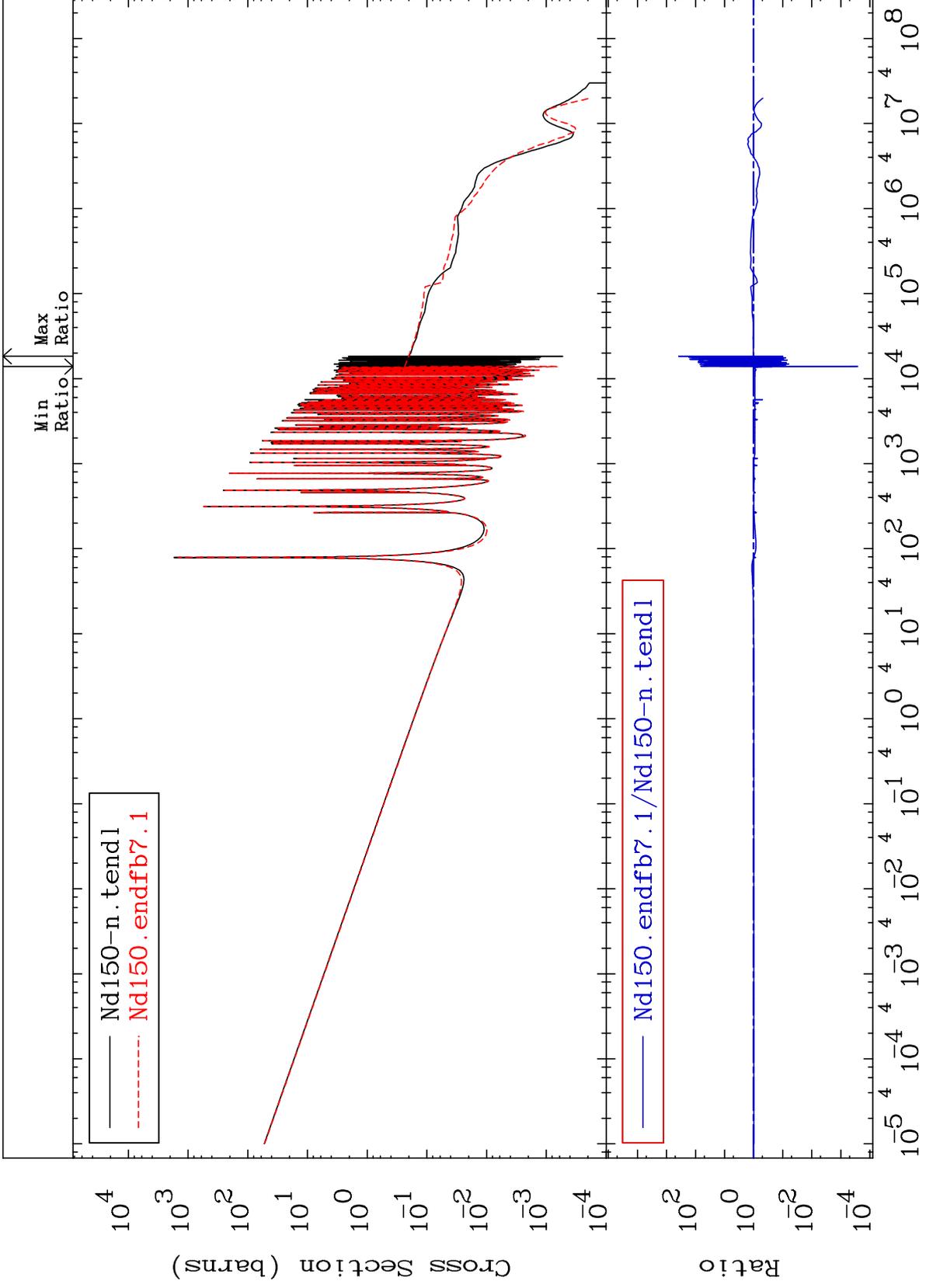
60-Nd-150

MAT 6049

(n,  $\gamma$ )

Cross Section

60-Nd-150  
-99.97 To 9999. %



18

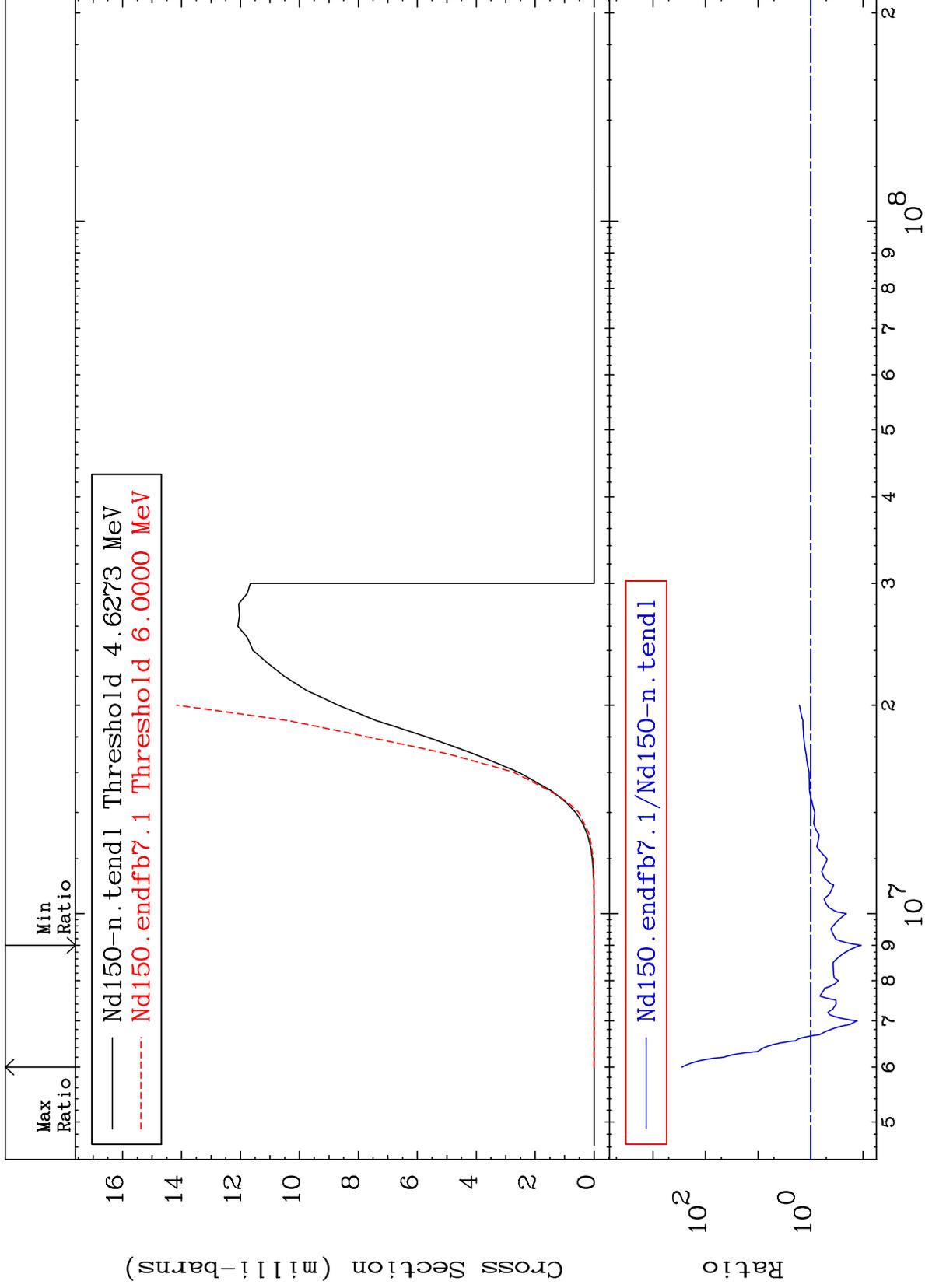
Incident Energy (eV)

60-Nd-150

MAT 6049

(n,p)  
Cross Section

60-Nd-150  
-89.12 To 9999. %



19

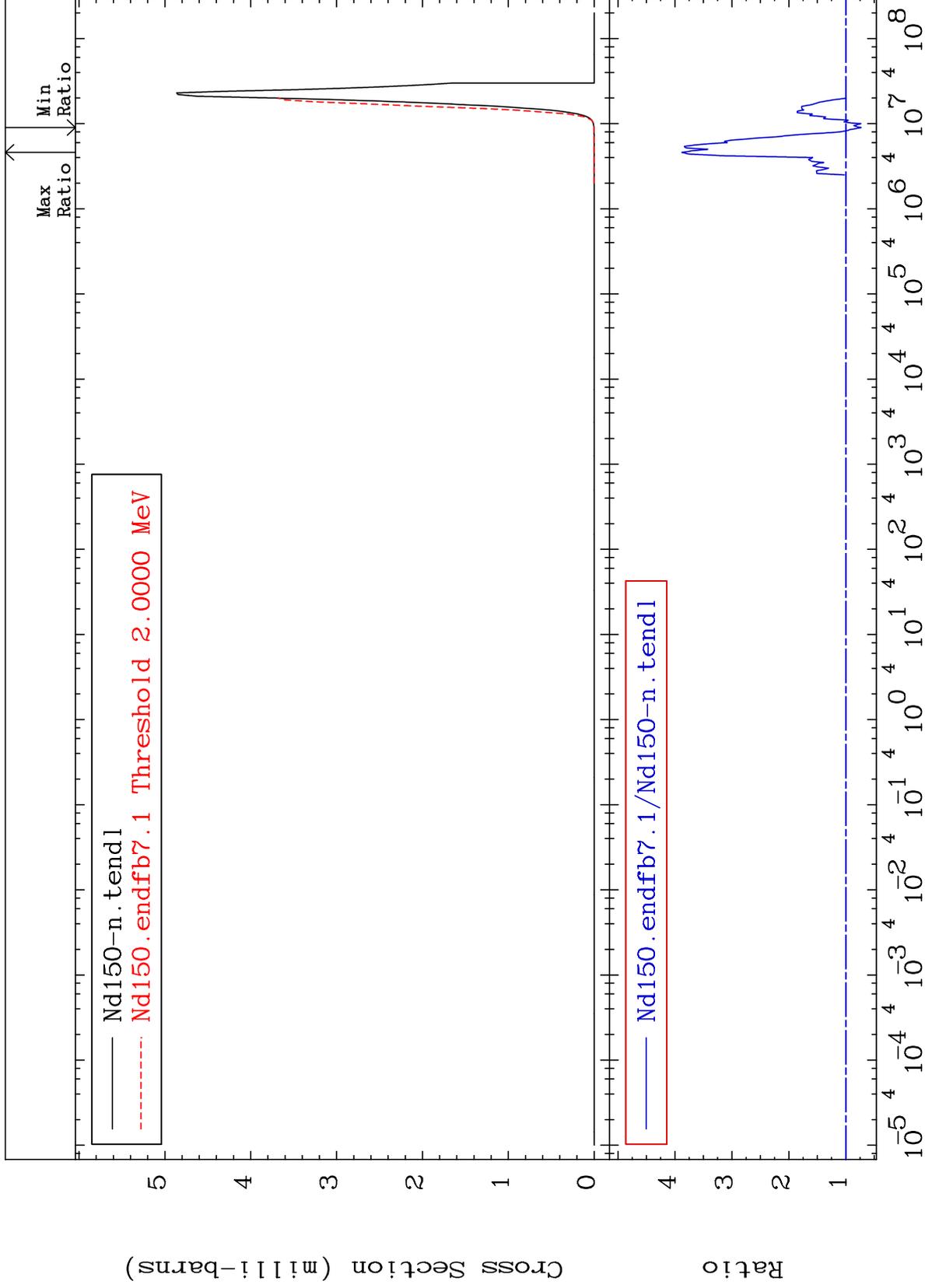
Incident Energy (eV)

60-Nd-150

MAT 6049

(n,  $\alpha$ )  
Cross Section

60-Nd-150  
-26.92 To 287.7 %



20

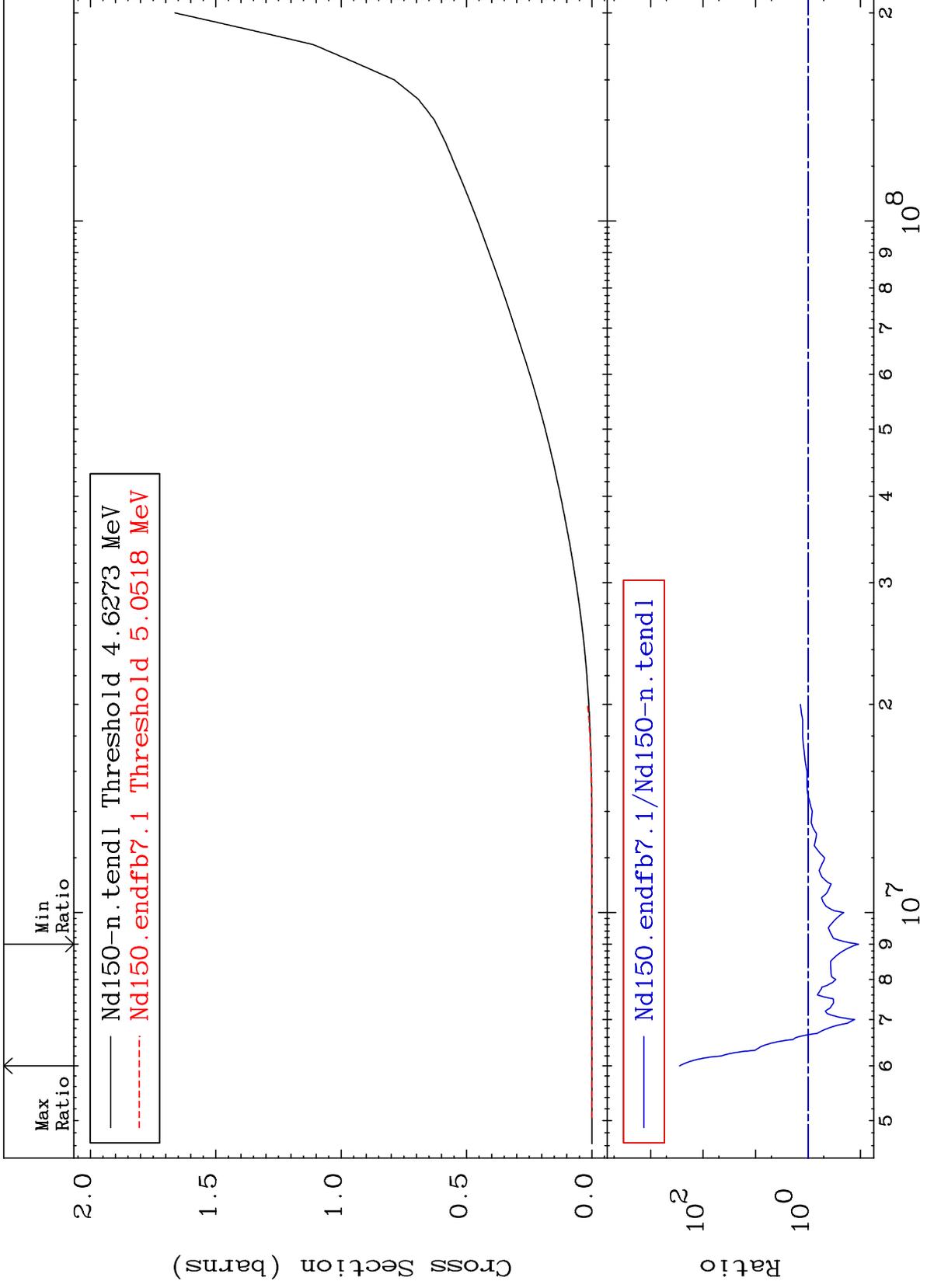
Incident Energy (eV)

60-Nd-150

MAT 6049

Hydrogen Production  
Cross Section

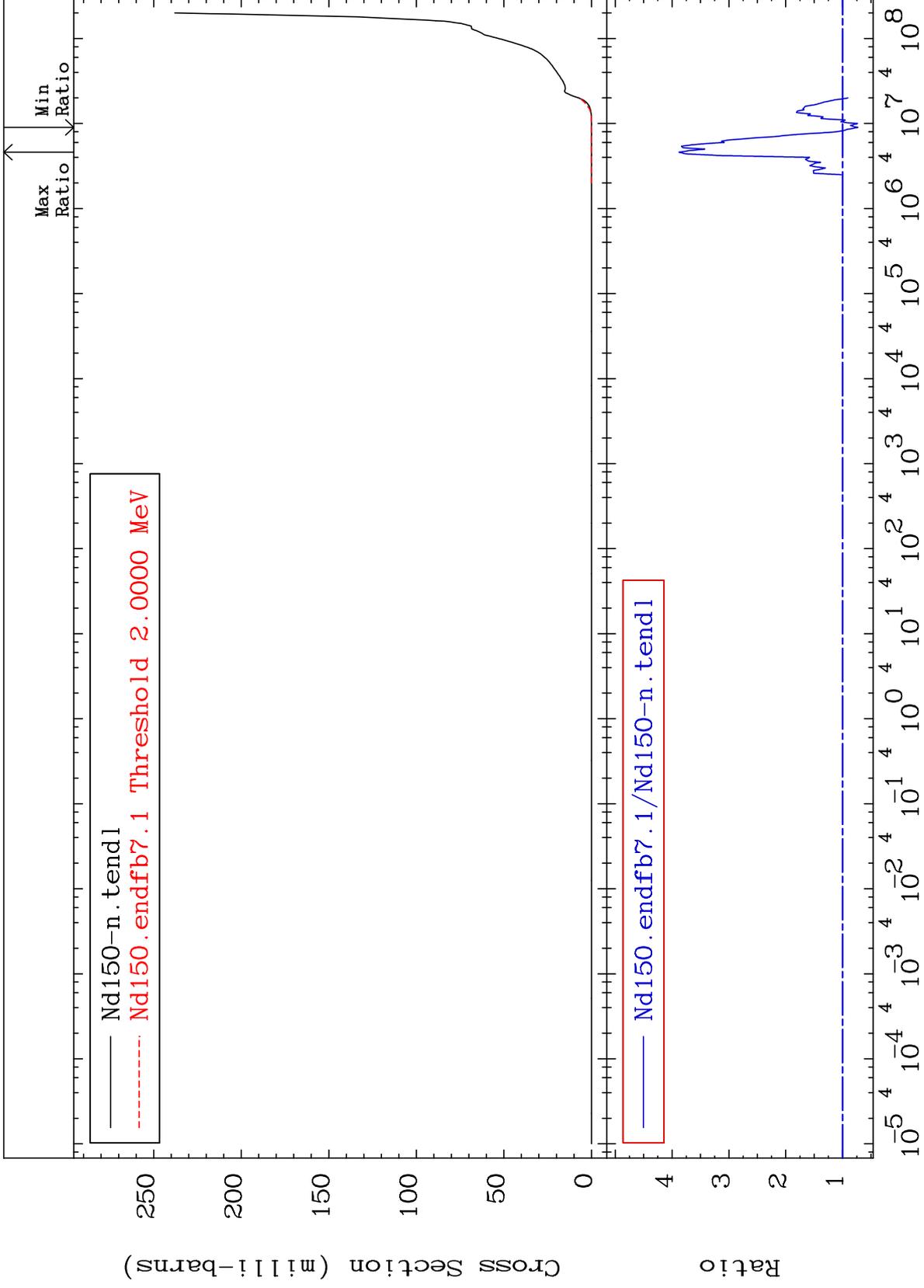
60-Nd-150  
-89.12 To 9999. %

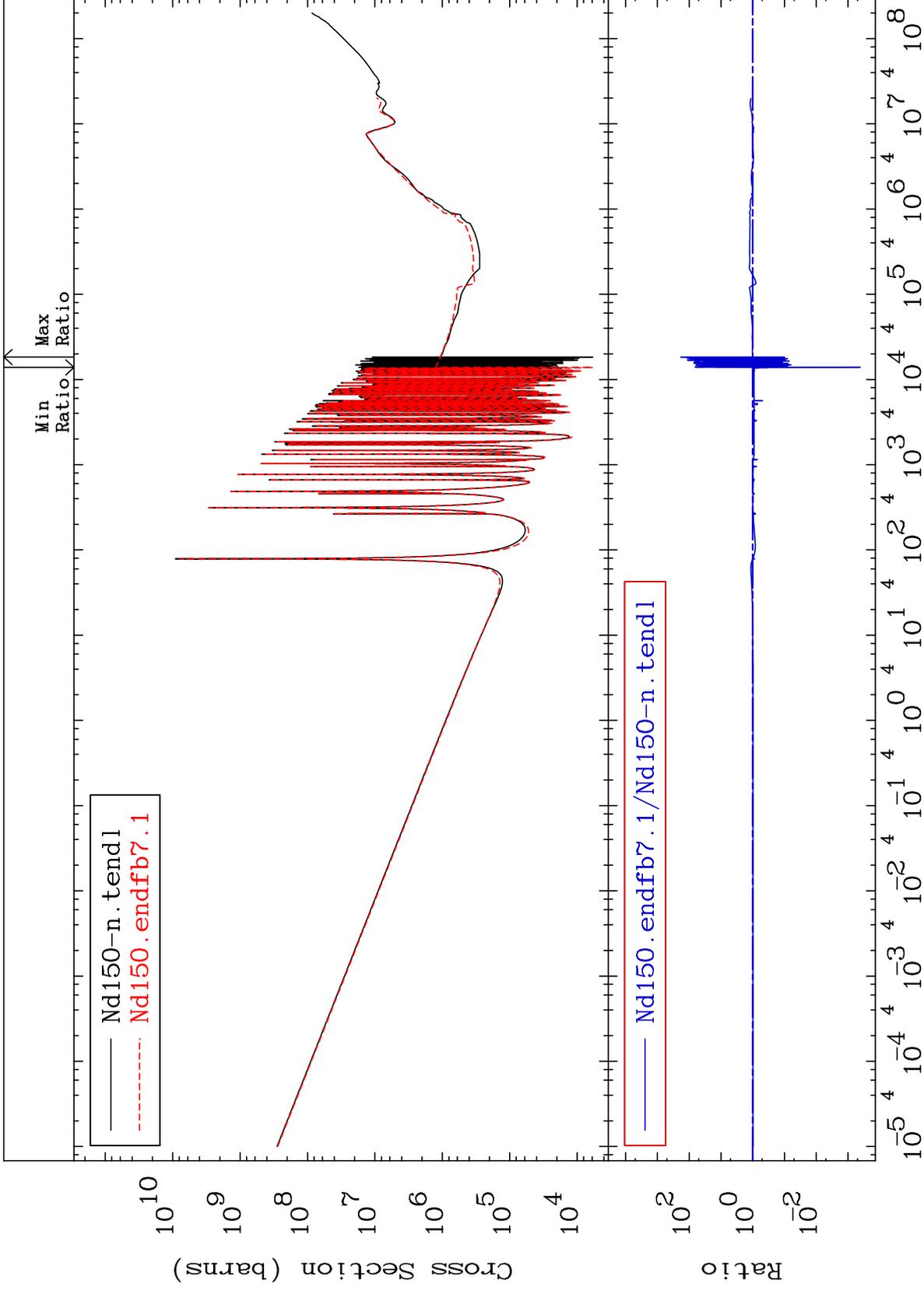


MAT 6049

He-4 Production  
Cross Section

60-Nd-150  
-27.02 To 287.7 %

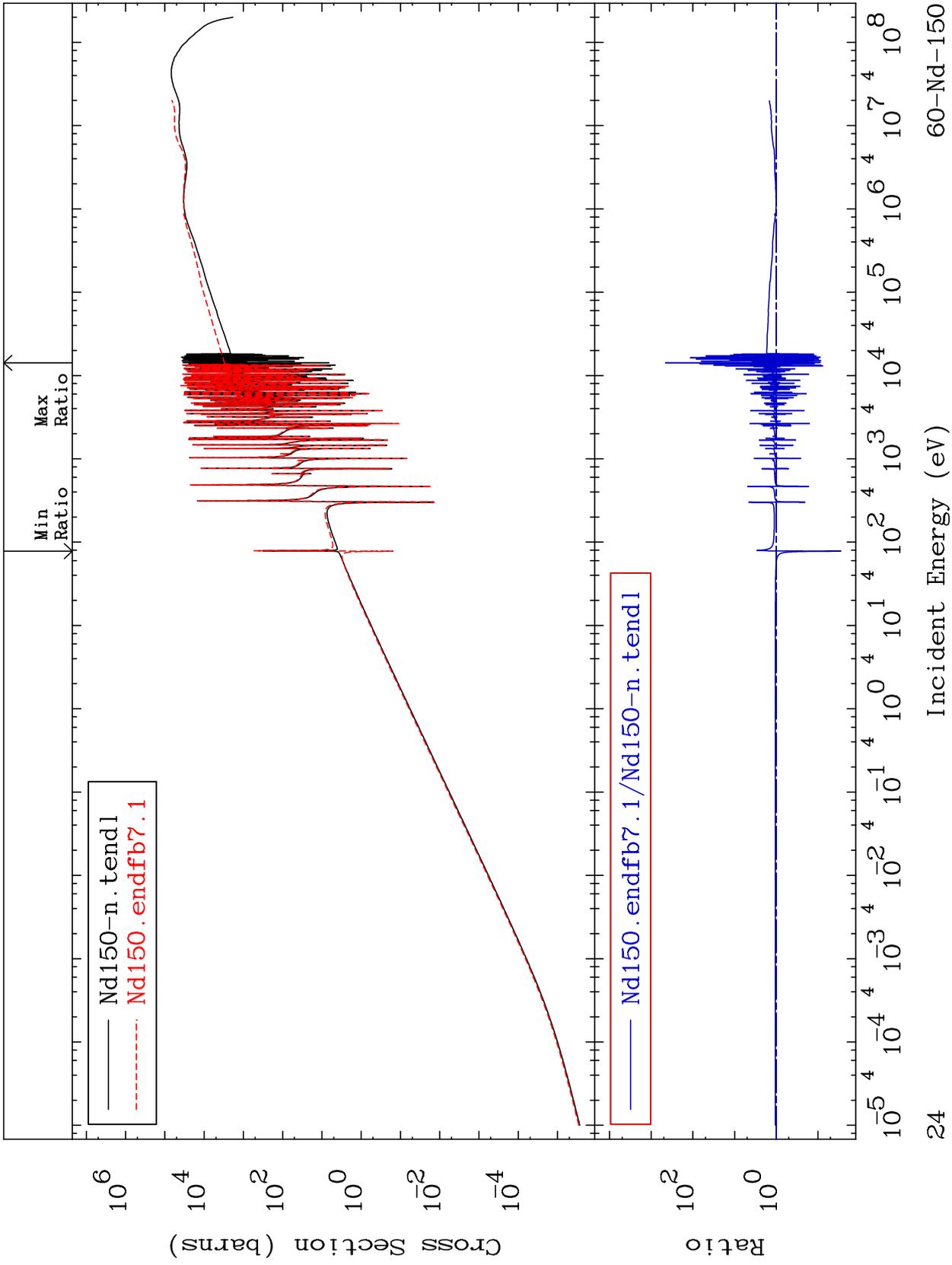




MAT 6049

Kerma elastic  
Cross Section

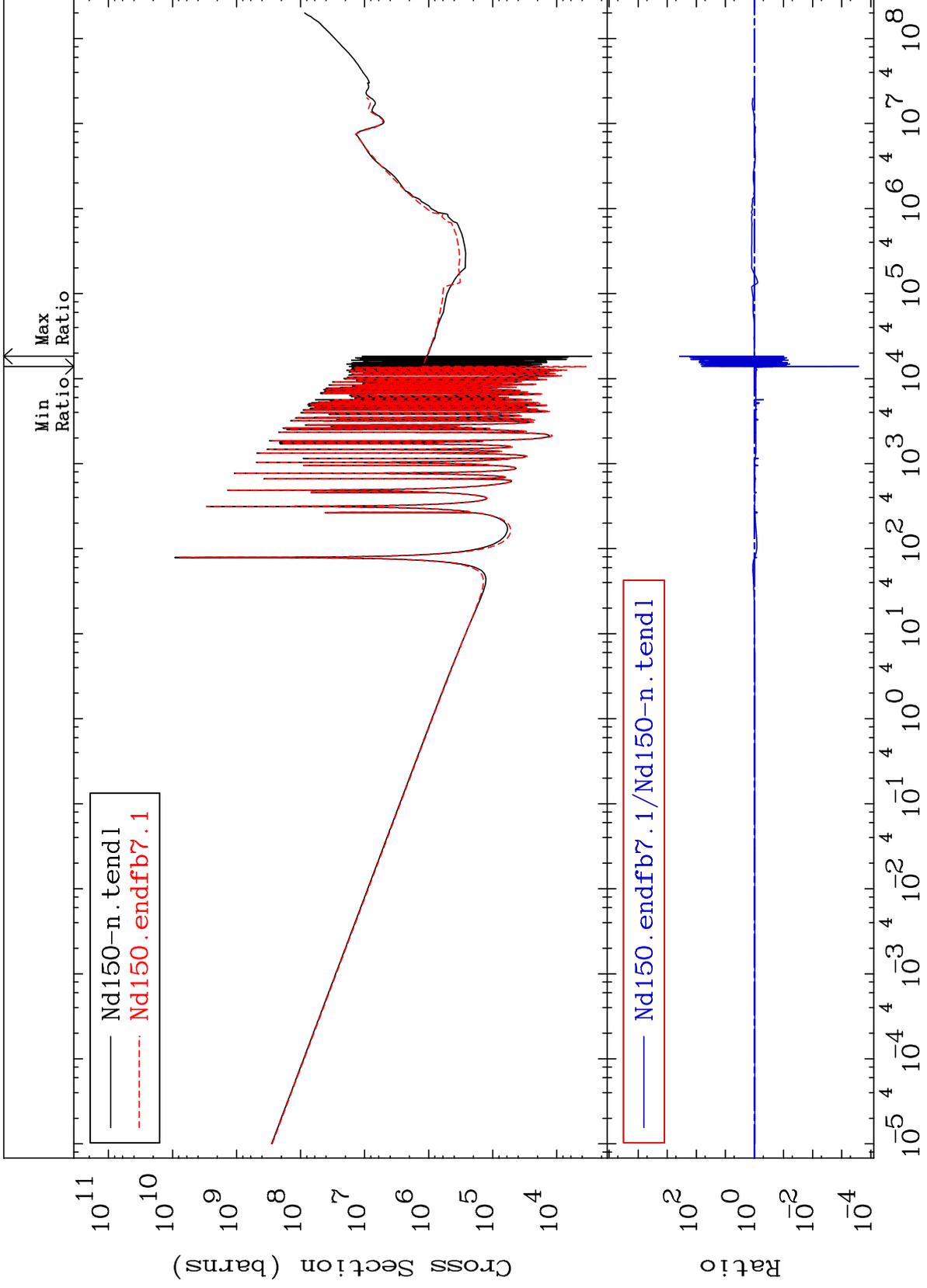
60-Nd-150  
-97.18 To 9999. %

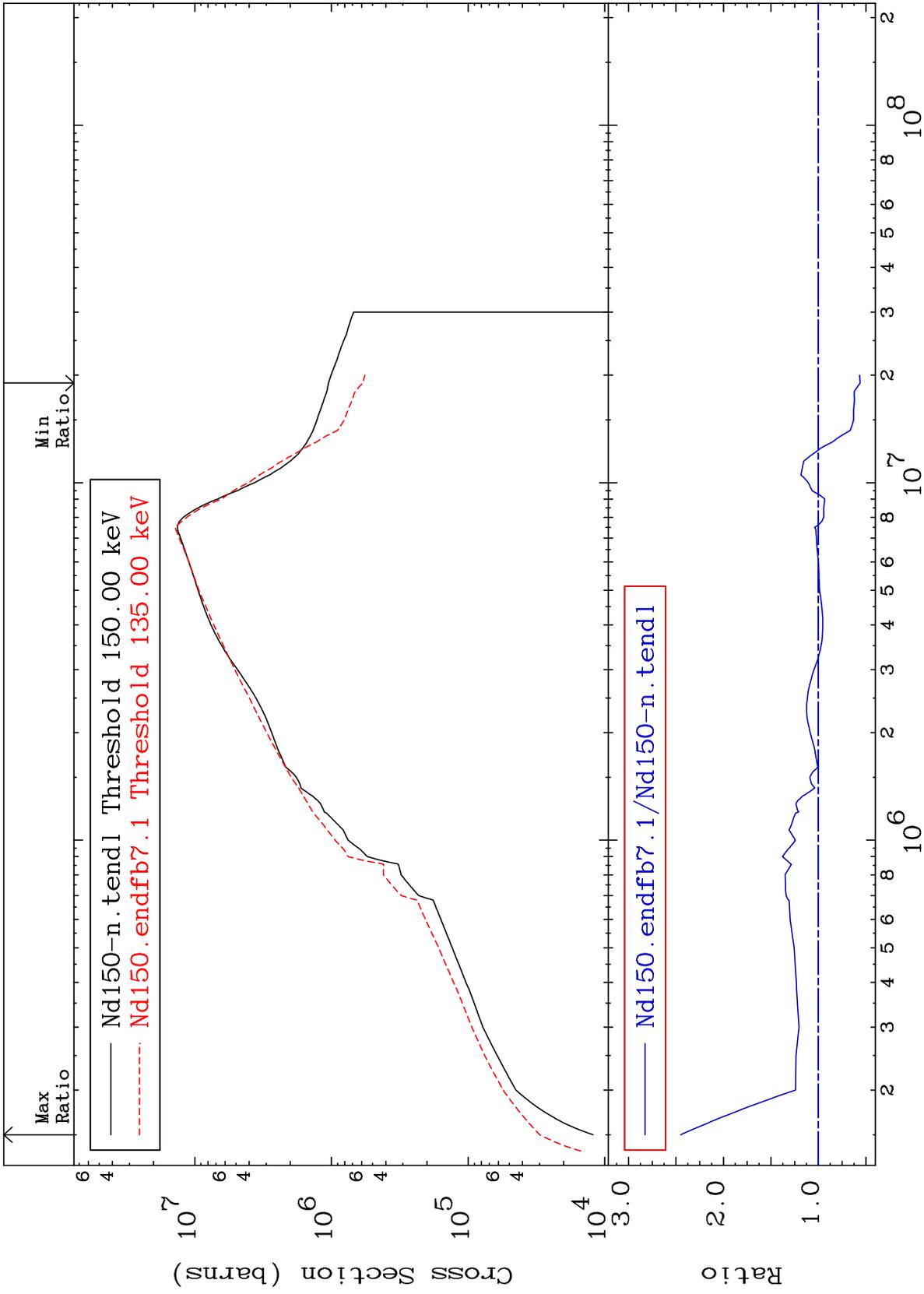


MAT 6049

Kerma non-elastic (all but mt2)  
Cross Section

60-Nd-150  
-99.97 To 9999. %

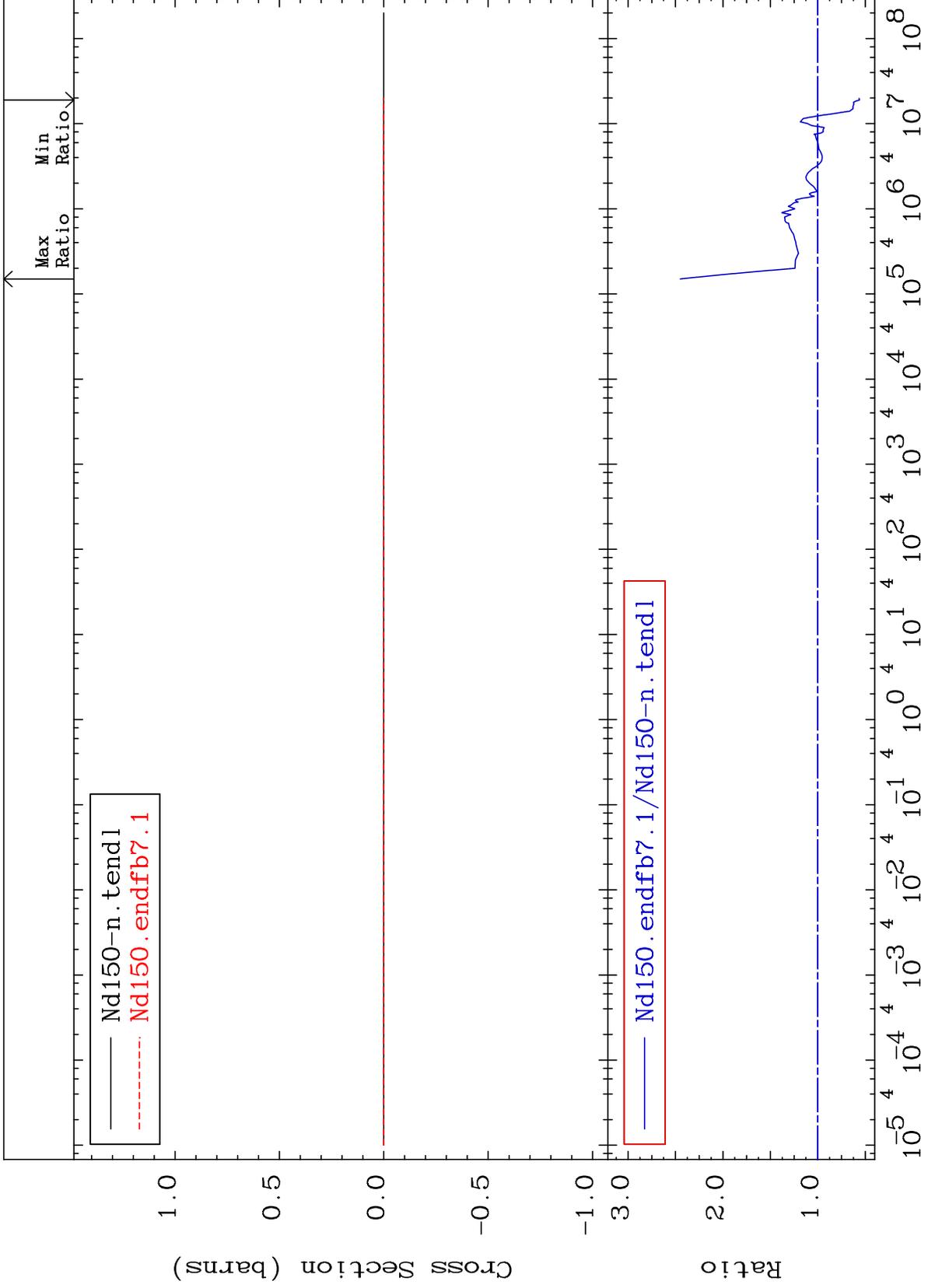




MAT 6049

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

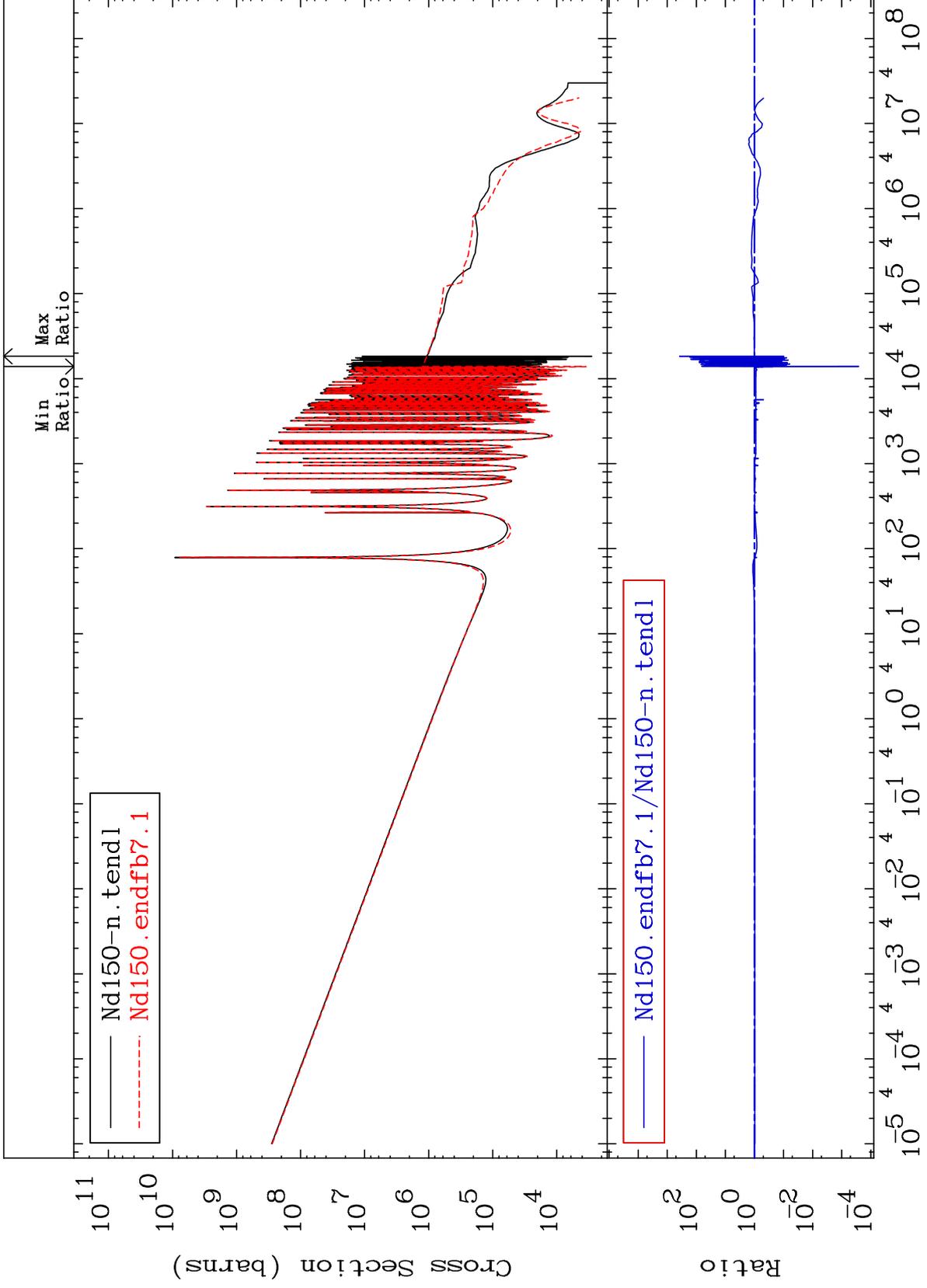
60-Nd-150  
-43.95 To 145.0 %



MAT 6049

Kerma capture (mt102)  
Cross Section

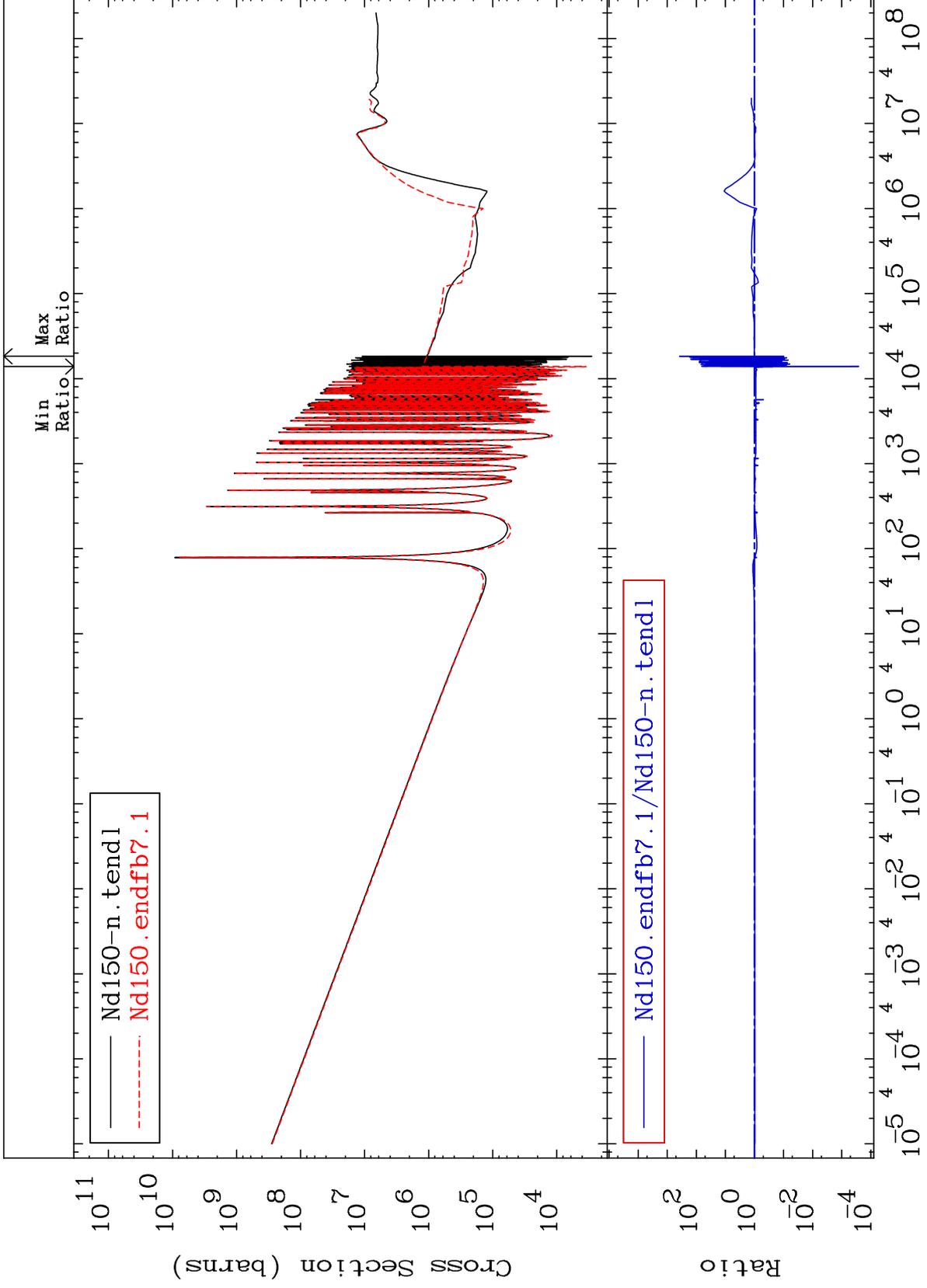
60-Nd-150  
-99.97 To 9999. %



MAT 6049

Total photon (eV-barns)  
Cross Section

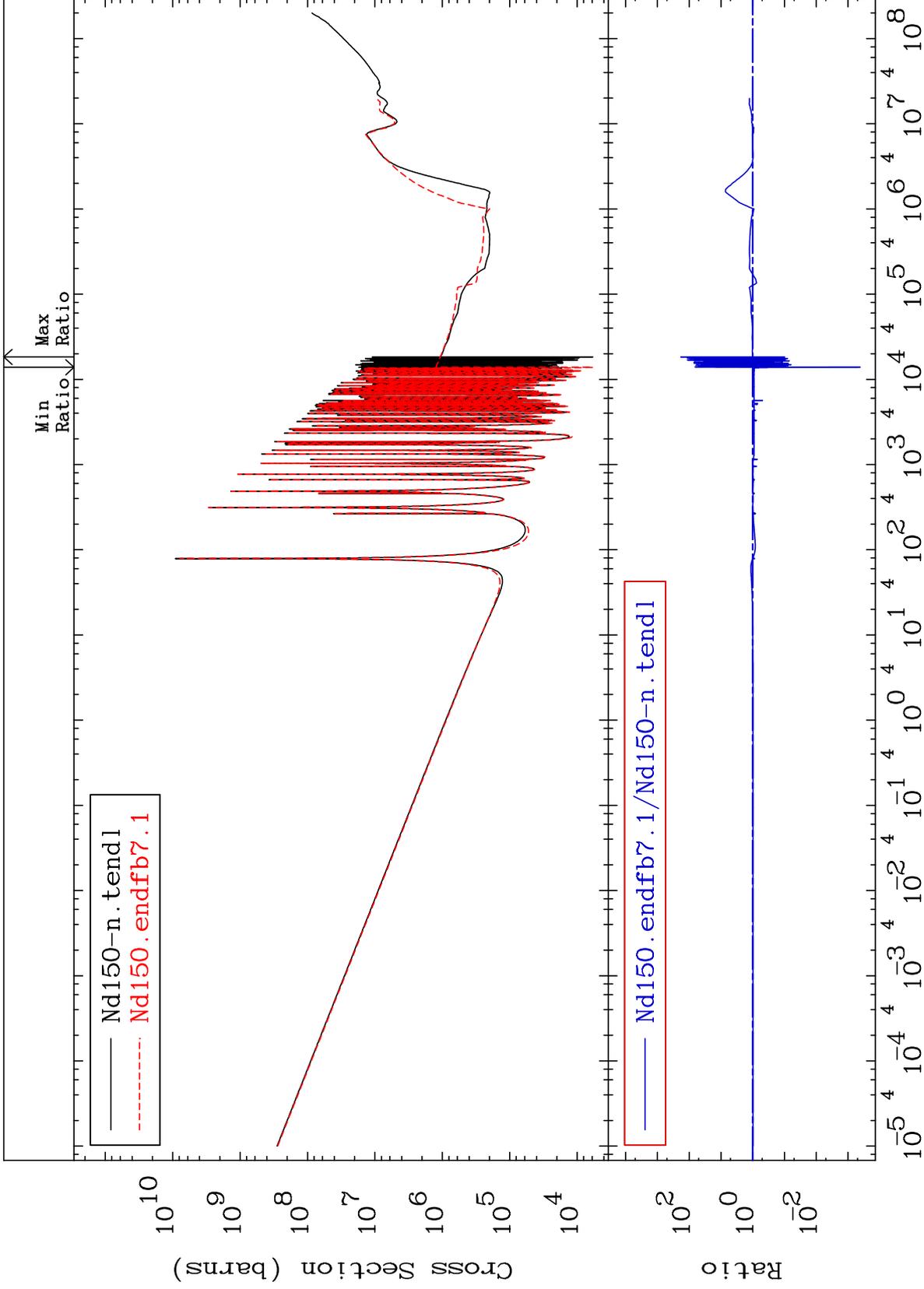
60-Nd-150  
-99.97 To 9999. %



MAT 6049

Total kinematic kerma (high limit)  
Cross Section

60-Nd-150  
-99.96 To 9999. %



30

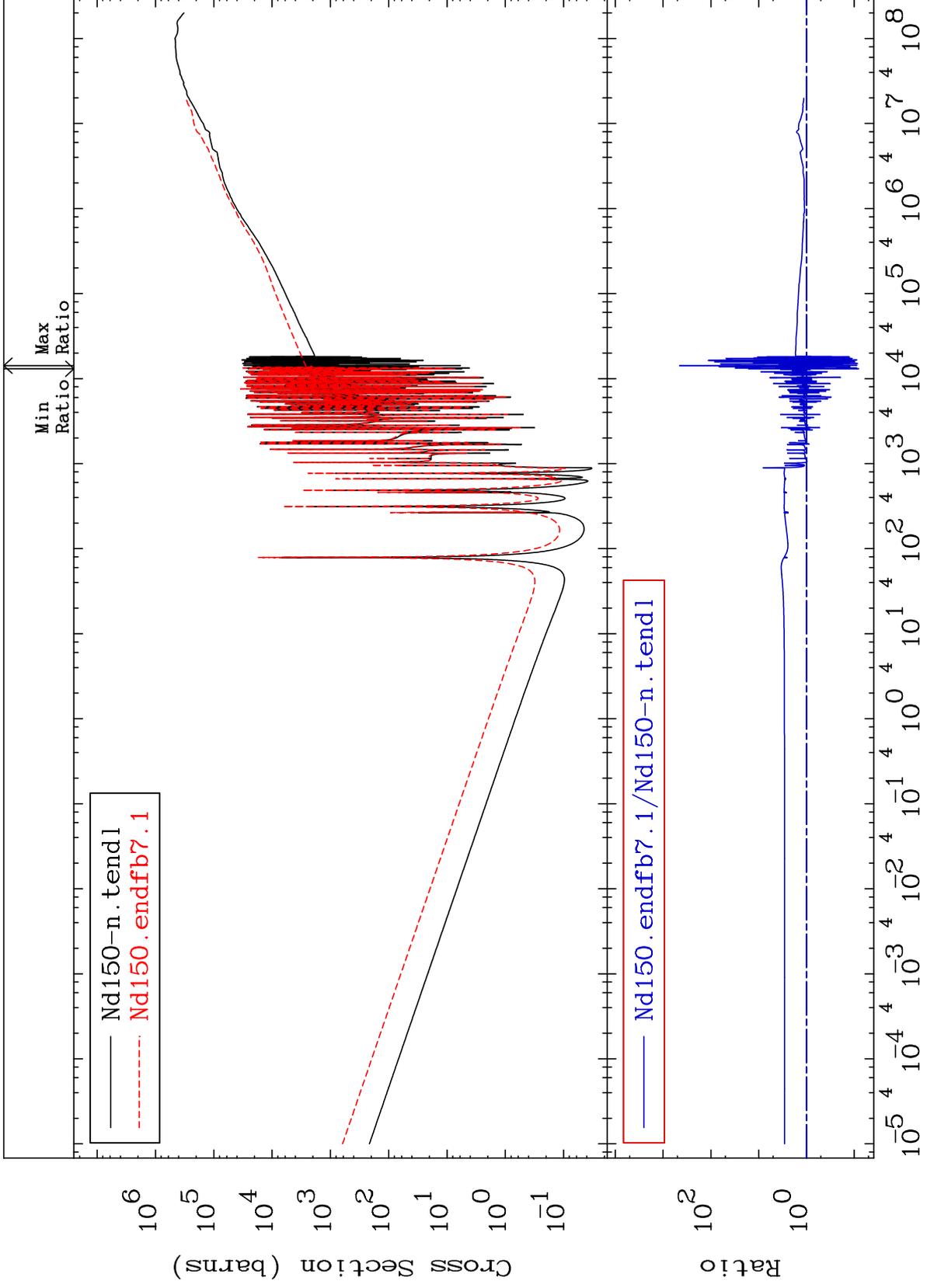
Incident Energy (eV)

60-Nd-150

MAT 6049

Dpa total (eV-barns)  
Cross Section

60-Nd-150  
-91.87 To 9999. %



31

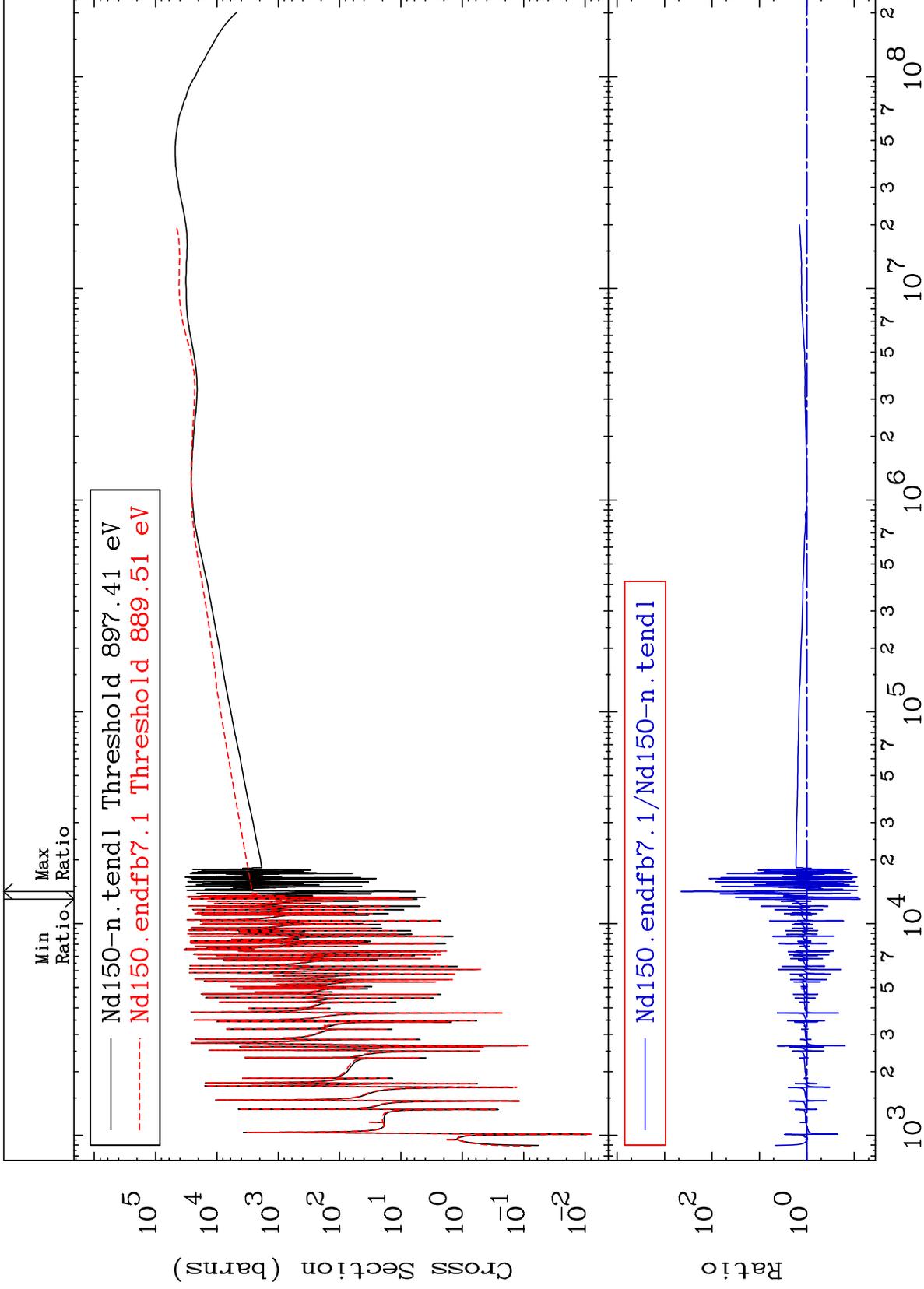
Incident Energy (eV)

60-Nd-150

MAT 6049

Dpa elastic (mt2)  
Cross Section

60-Nd-150  
-92.44 To 9999. %



32

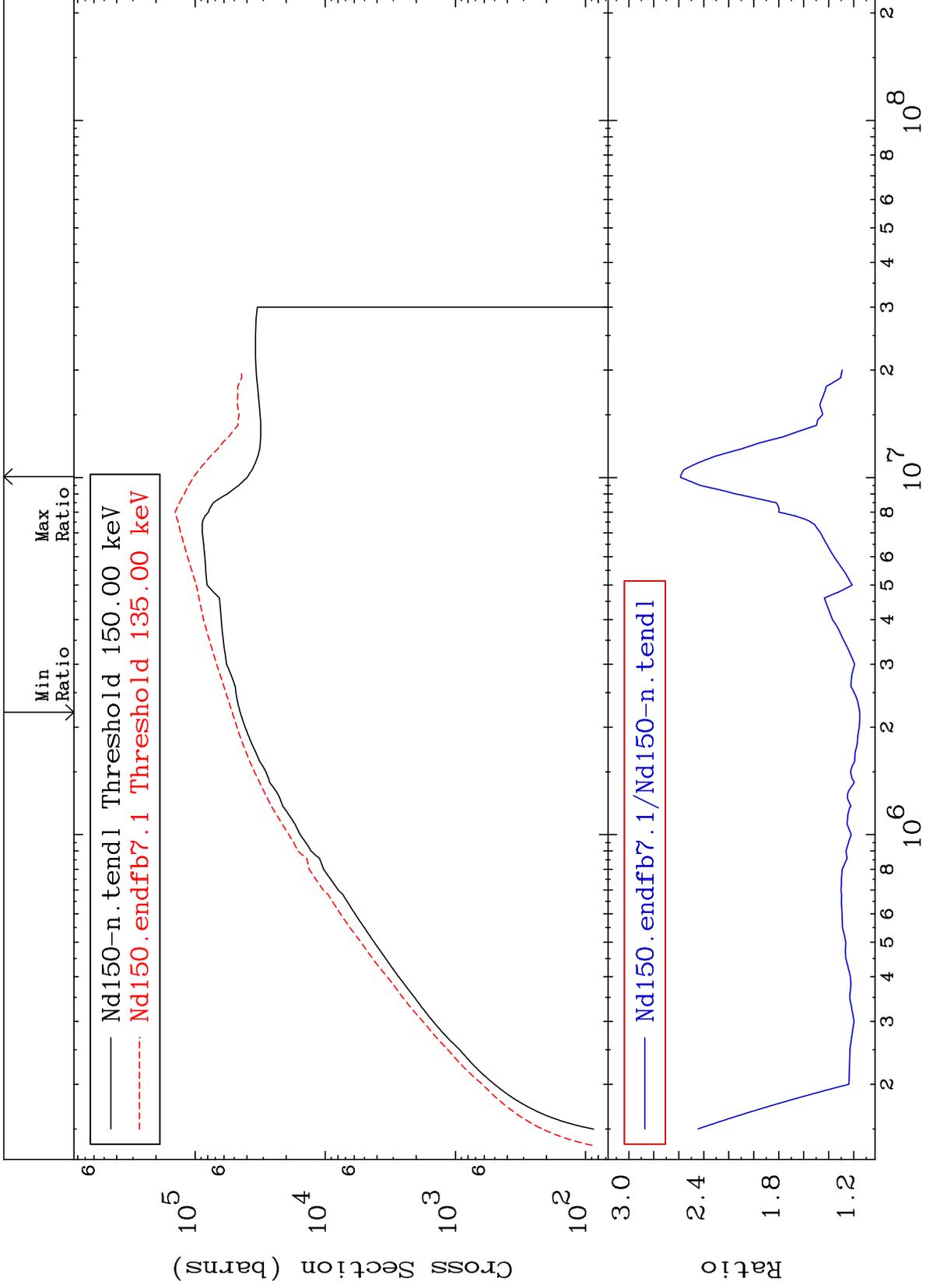
Incident Energy (eV)

60-Nd-150

MAT 6049

Dpa inelastic (mt51-91)  
Cross Section

60-Nd-150  
15.12 To 158.6 %



MAT 6049

Dpa disappearance (mt102 -120)  
Cross Section

60-Nd-150  
-99.93 To 9999. %

