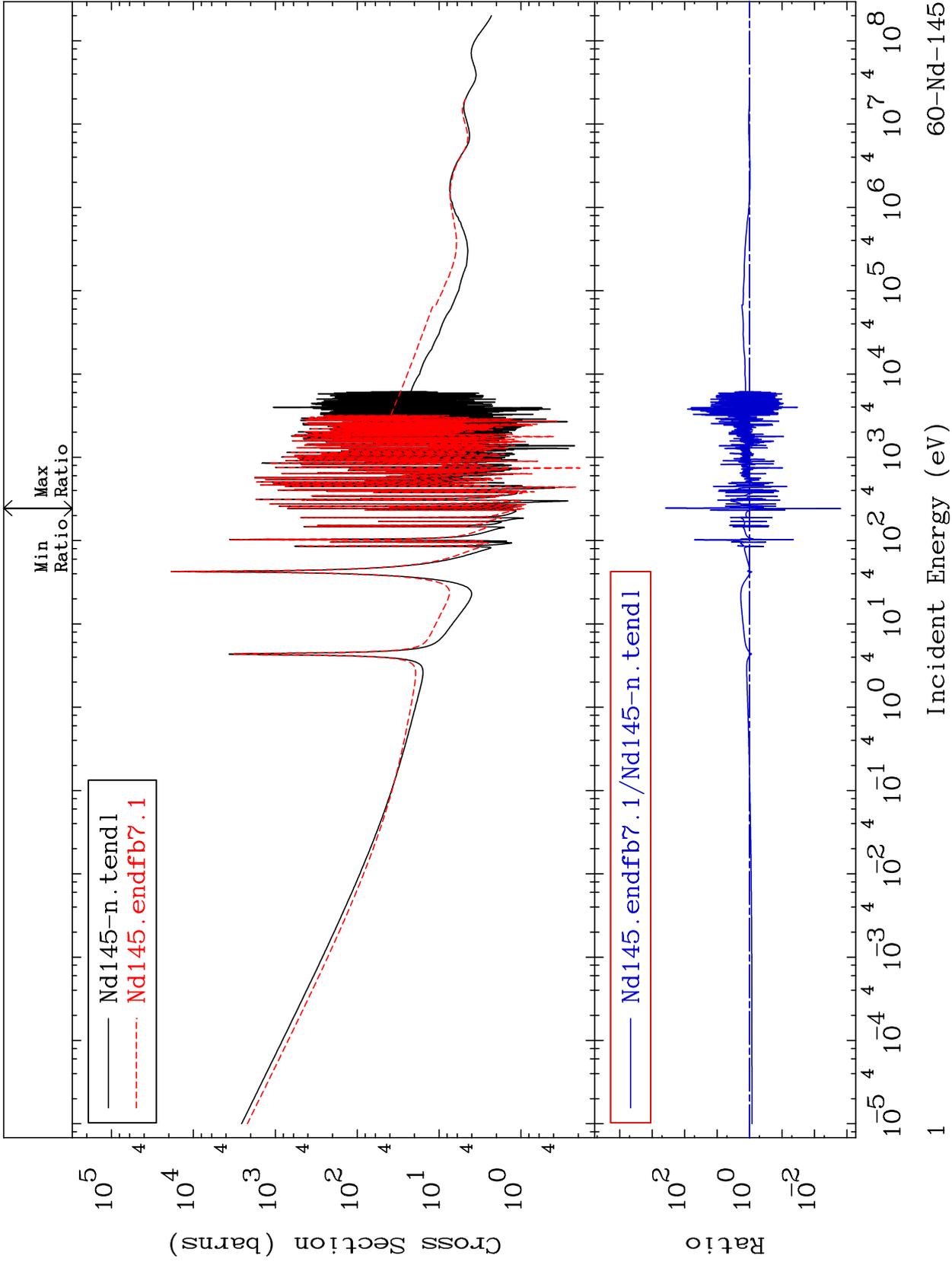


MAT 6034

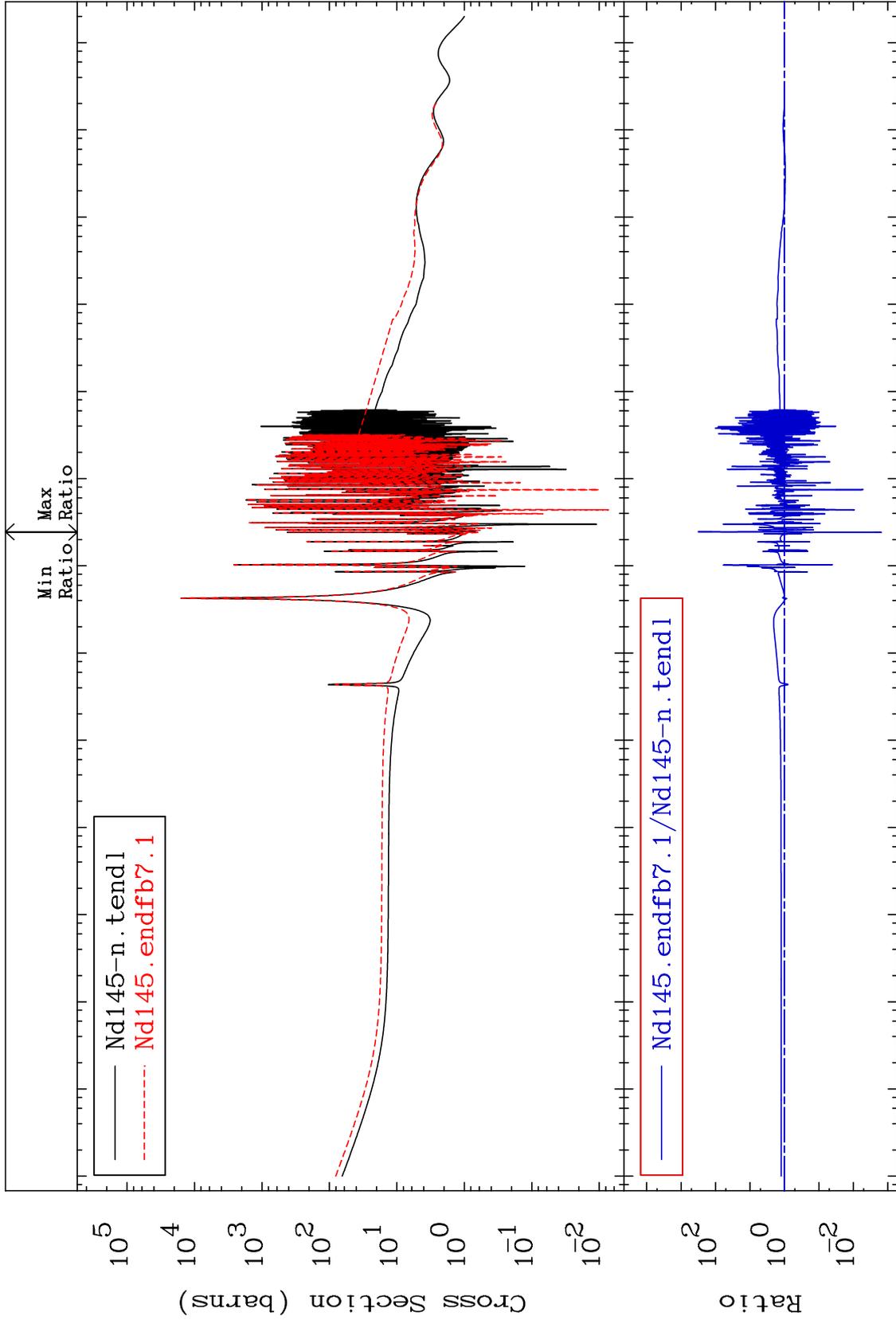
Total Cross Section
60-Nd-145
-99.85 To 9999. %



MAT 6034

Elastic
Cross Section

60-Nd-145
-99.85 To 9999. %



2

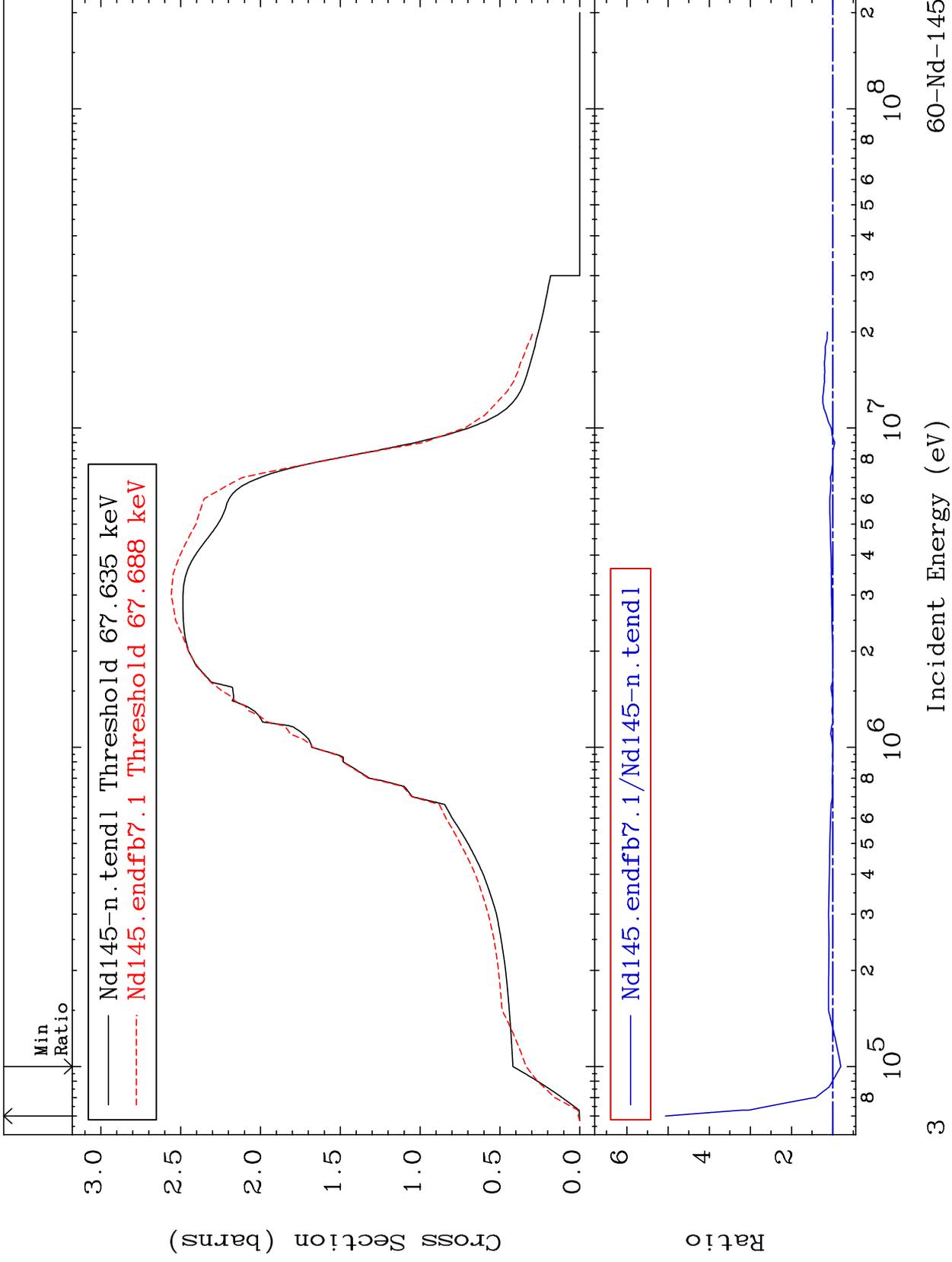
Incident Energy (eV)

60-Nd-145

MAT 6034

Inelastic
Cross Section

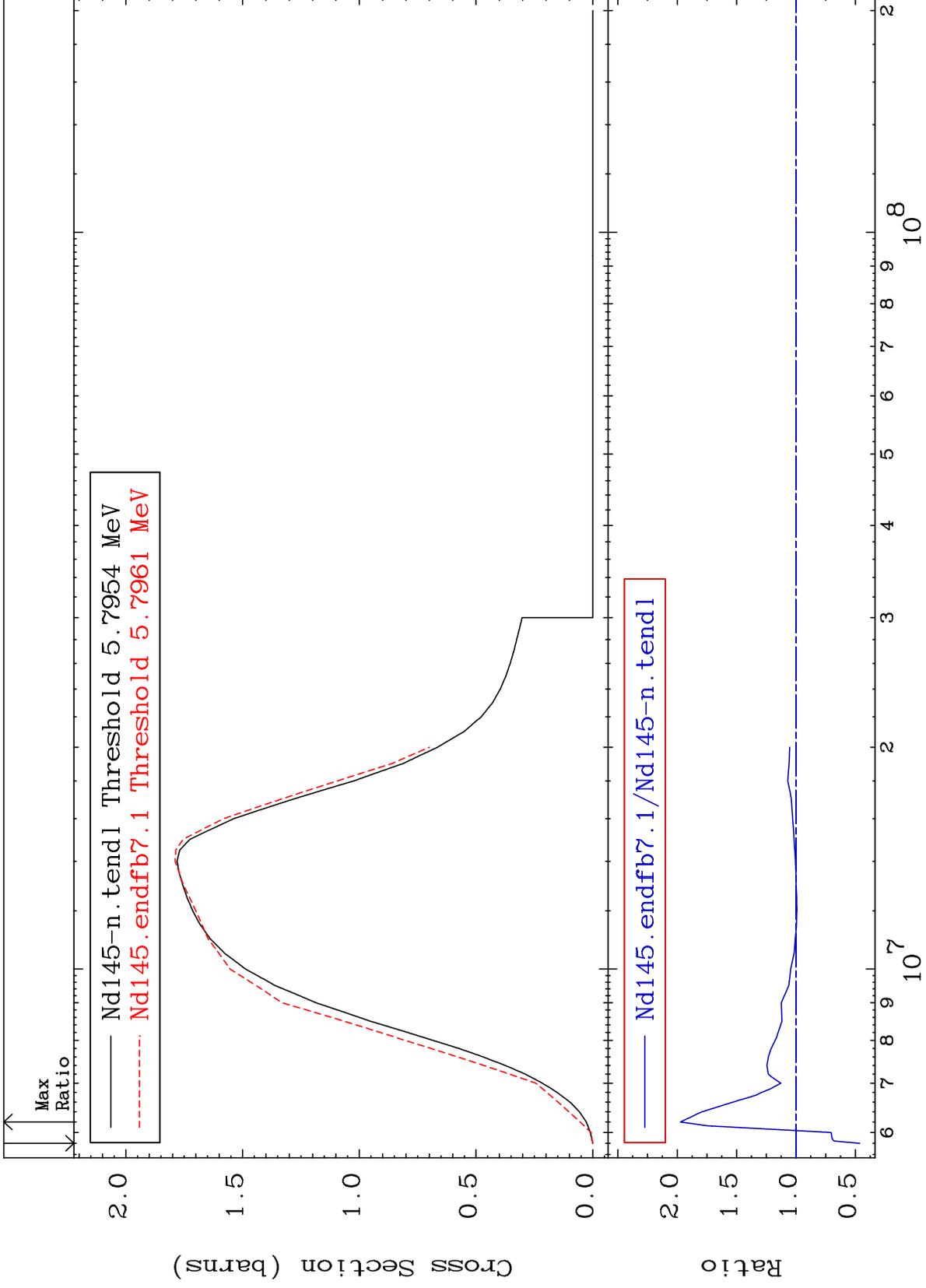
60-Nd-145
-19.75 To 406.3 %



MAT 6034

(n,2n)
Cross Section

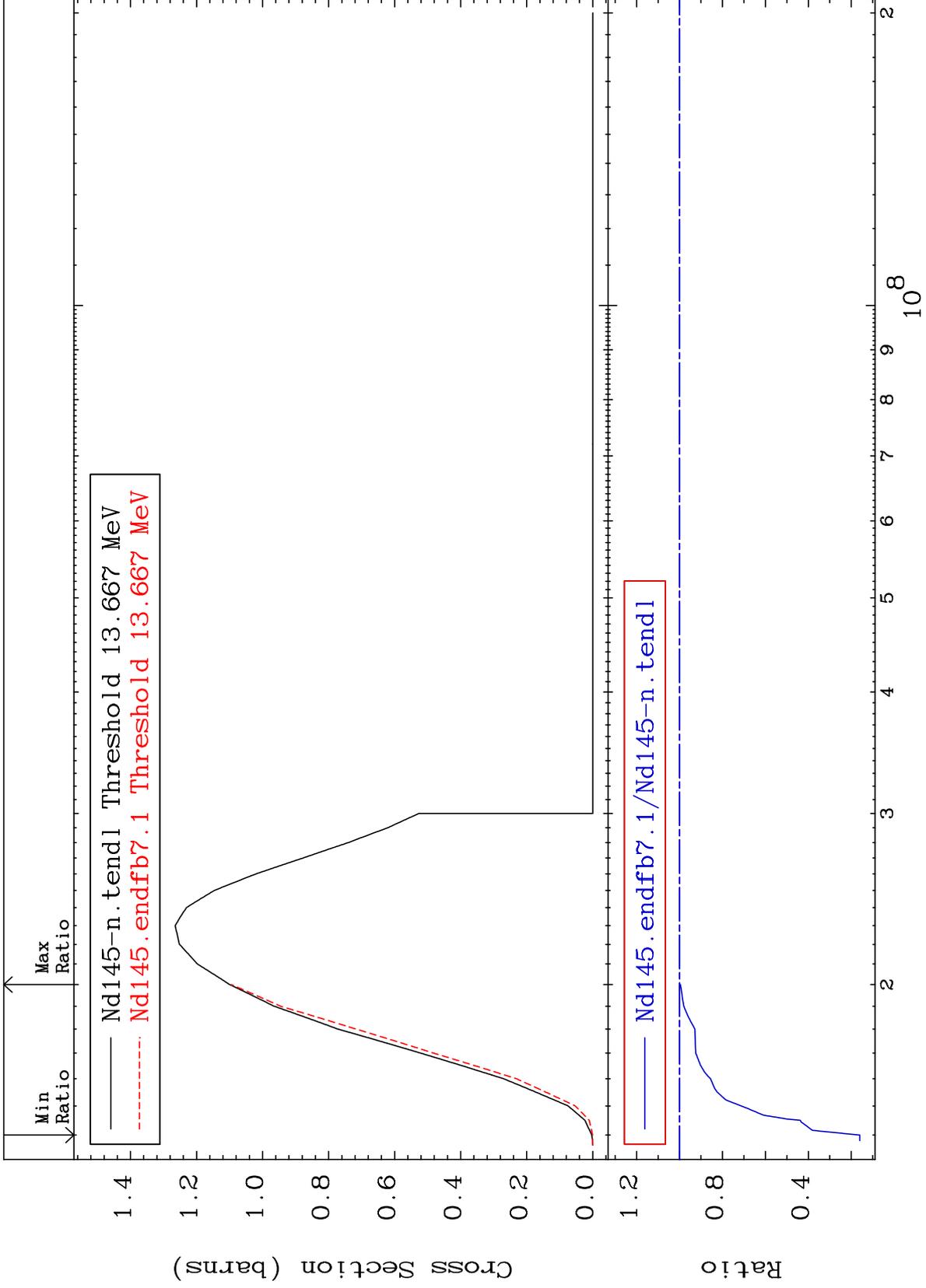
60-Nd-145
-53.75 To 97.24 %



MAT 6034

(n,3n)
Cross Section

60-Nd-145
-83.98 To -0.444%



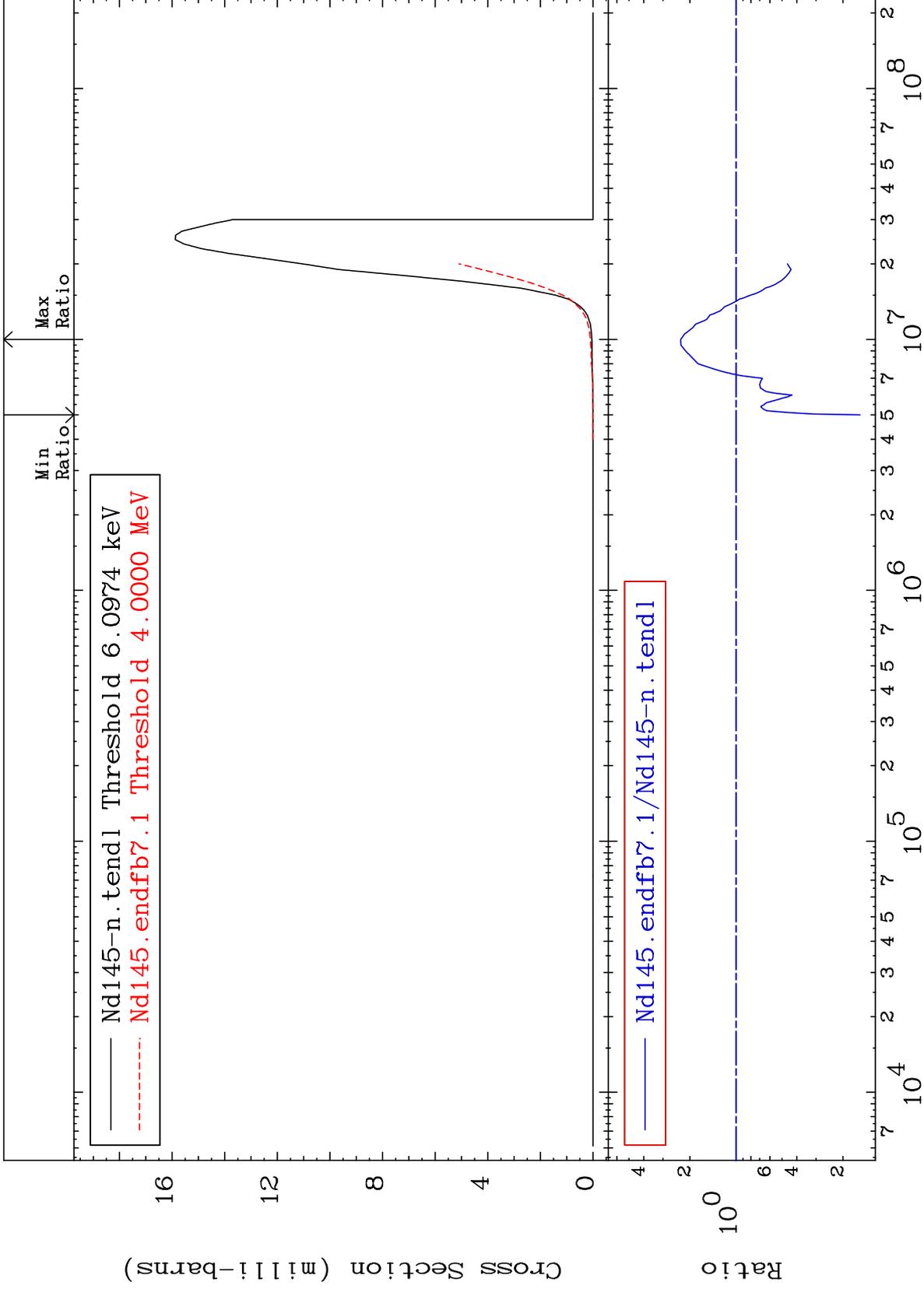
MAT 6034

(n, n') α

Cross Section

60-Nd-145

-84.54 To 129.5 %



6

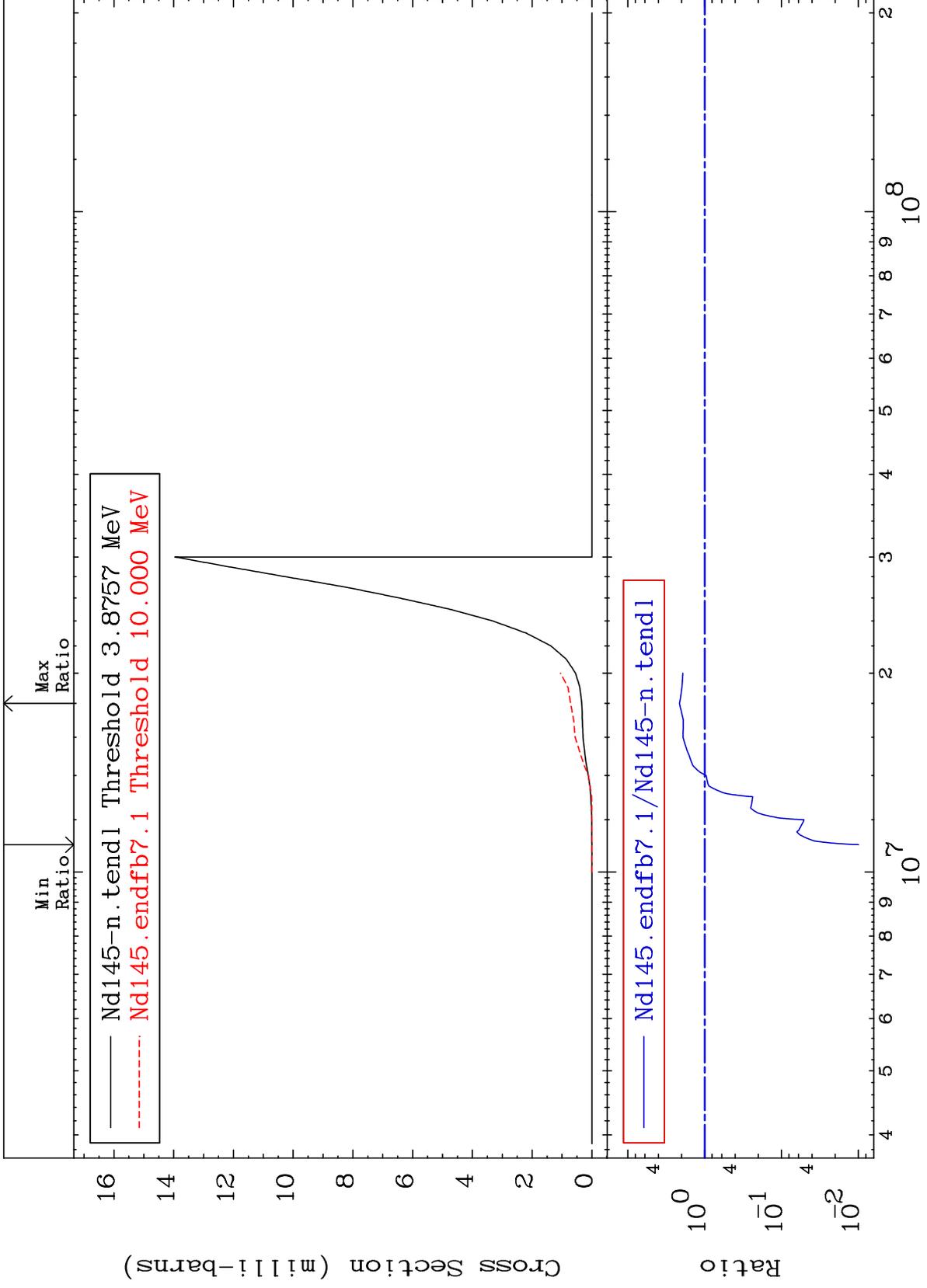
Incident Energy (eV)

60-Nd-145

MAT 6034

(n,2n) α
Cross Section

60-Nd-145
-99.01 To 112.2 %



7

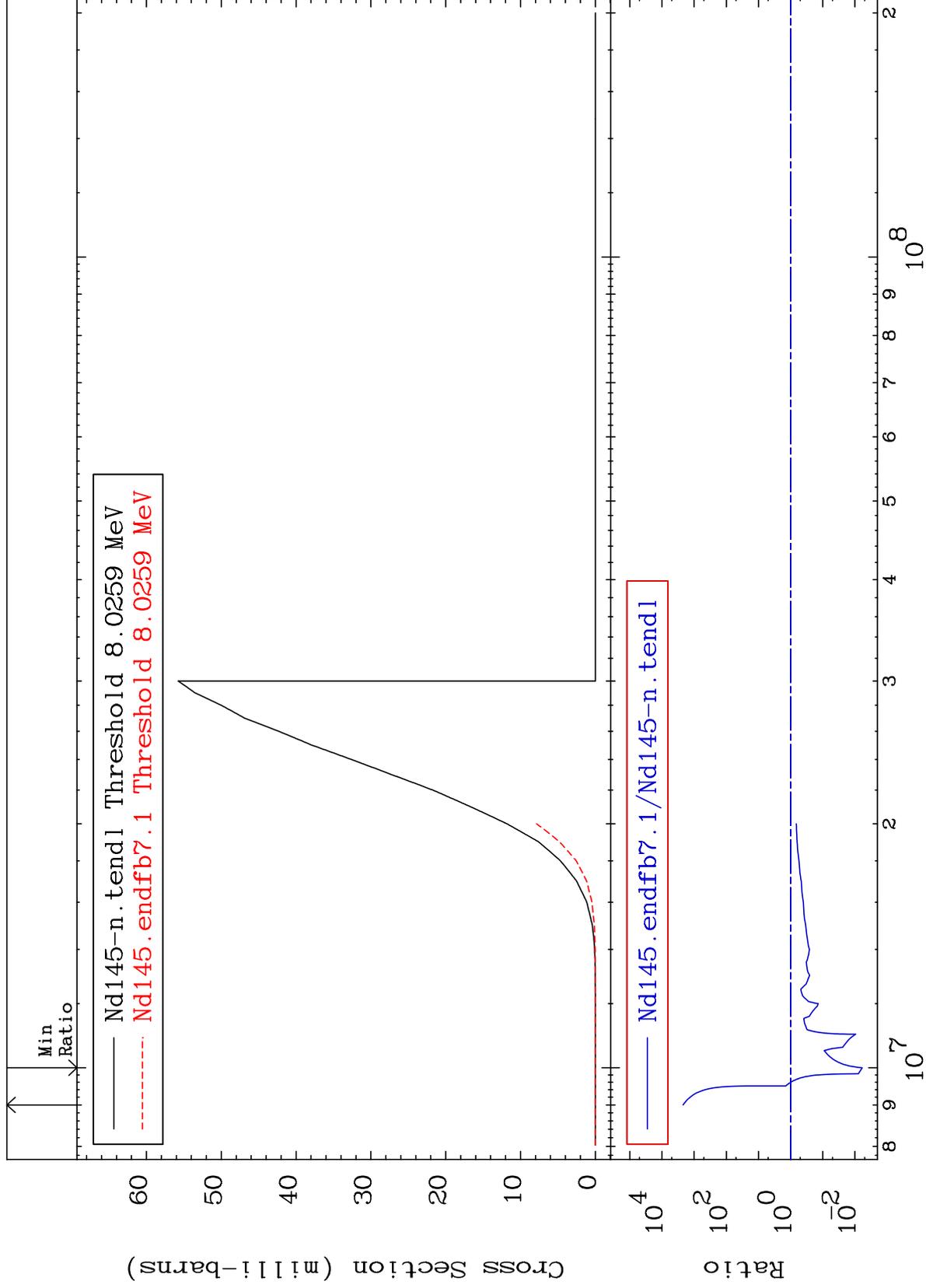
Incident Energy (eV)

60-Nd-145

MAT 6034

(n,n') p
Cross Section

60-Nd-145
-99.40 To 9999. %



8

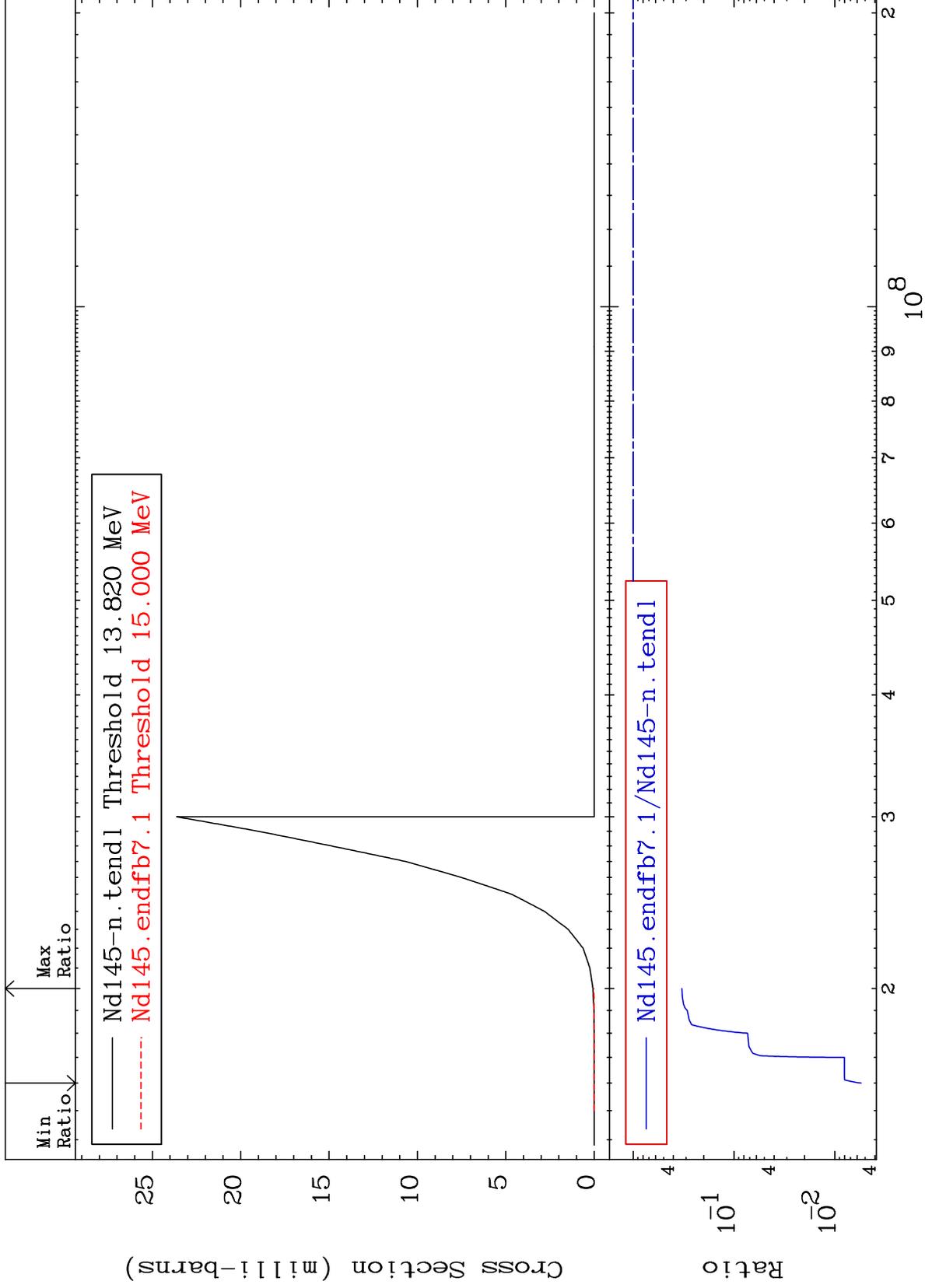
Incident Energy (eV)

60-Nd-145

MAT 6034

(n,2n) p
Cross Section

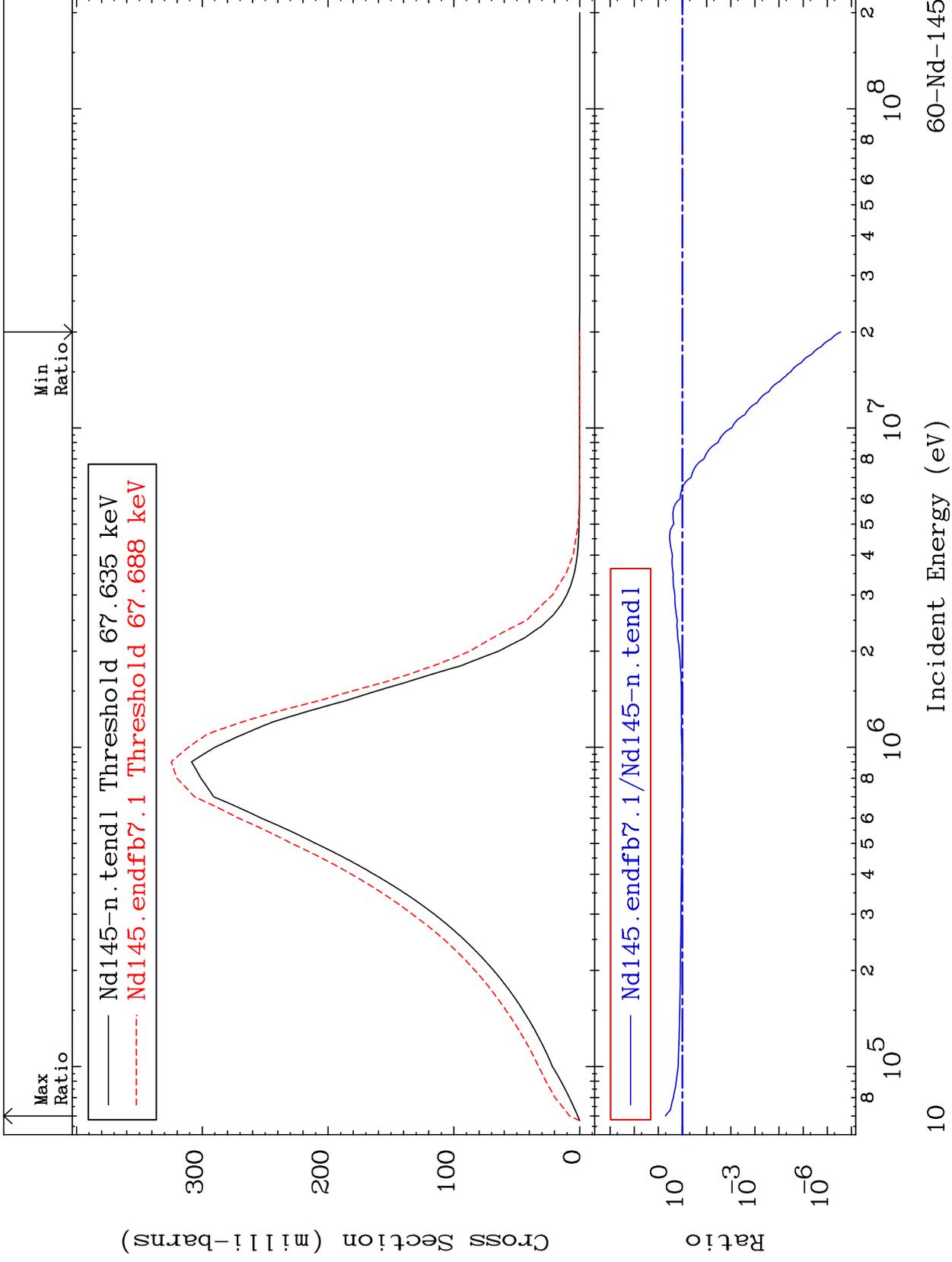
60-Nd-145
-99.45 To -67.07%



MAT 6034

67.17 keV (n,n') Level
Cross Section

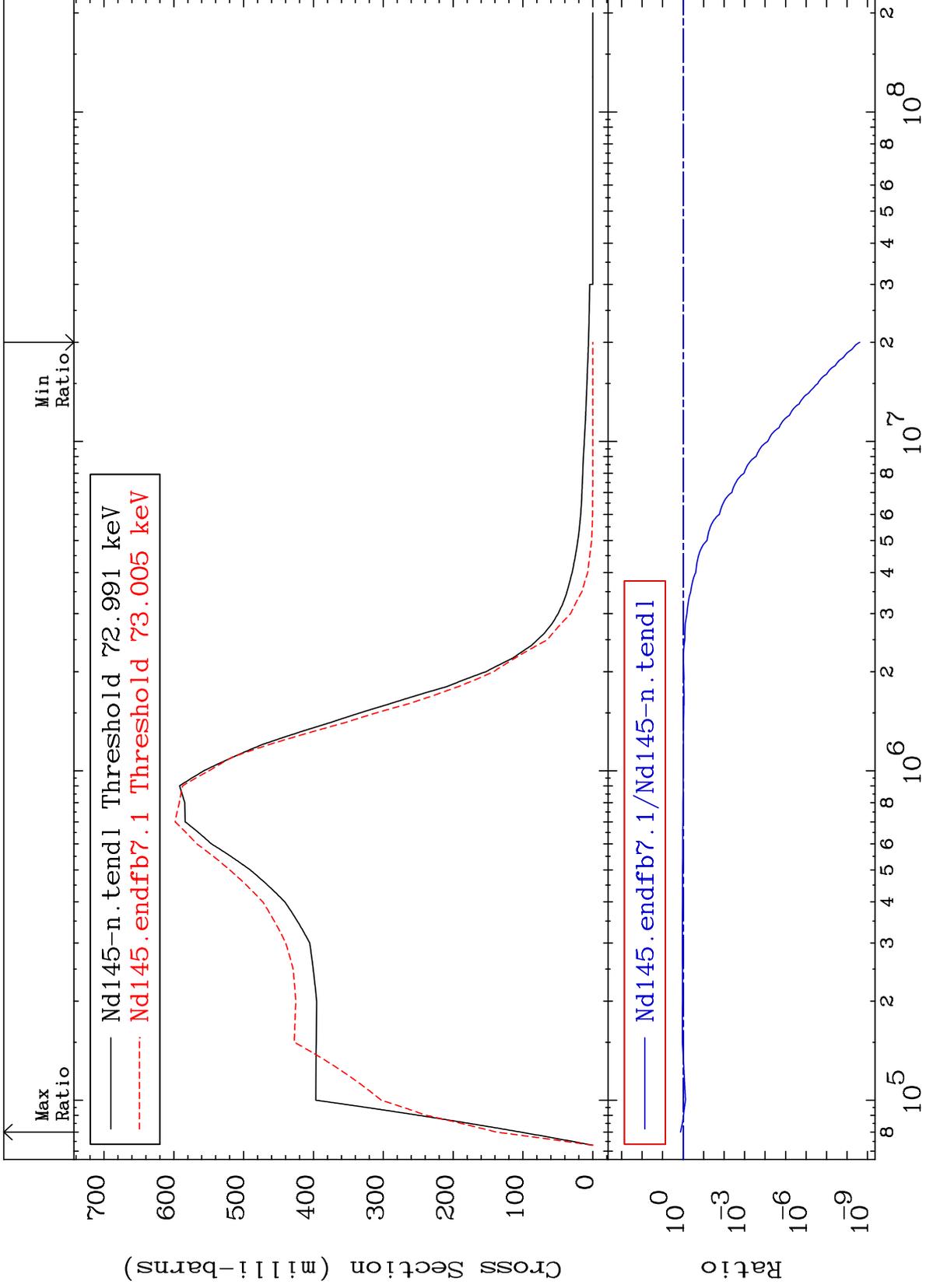
60-Nd-145
-100.0 To 406.3 %



MAT 6034

72.49 keV (n,n') Level
Cross Section

60-Nd-145
-100.0 To 33.80 %



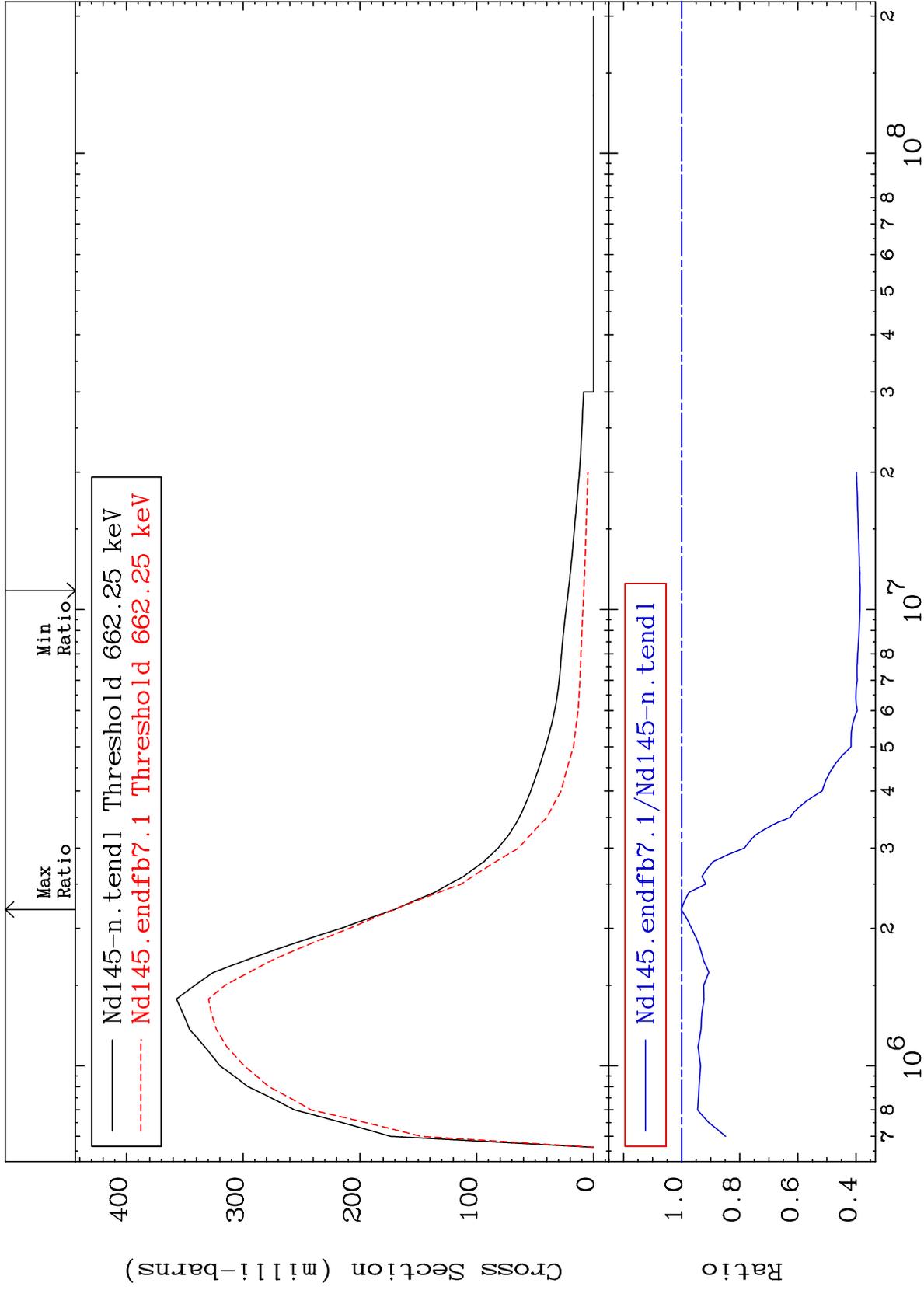
MAT 6034

657.7 keV (n,n') Level

60-Nd-145

-61.45 To 0.157 %

Cross Section



12

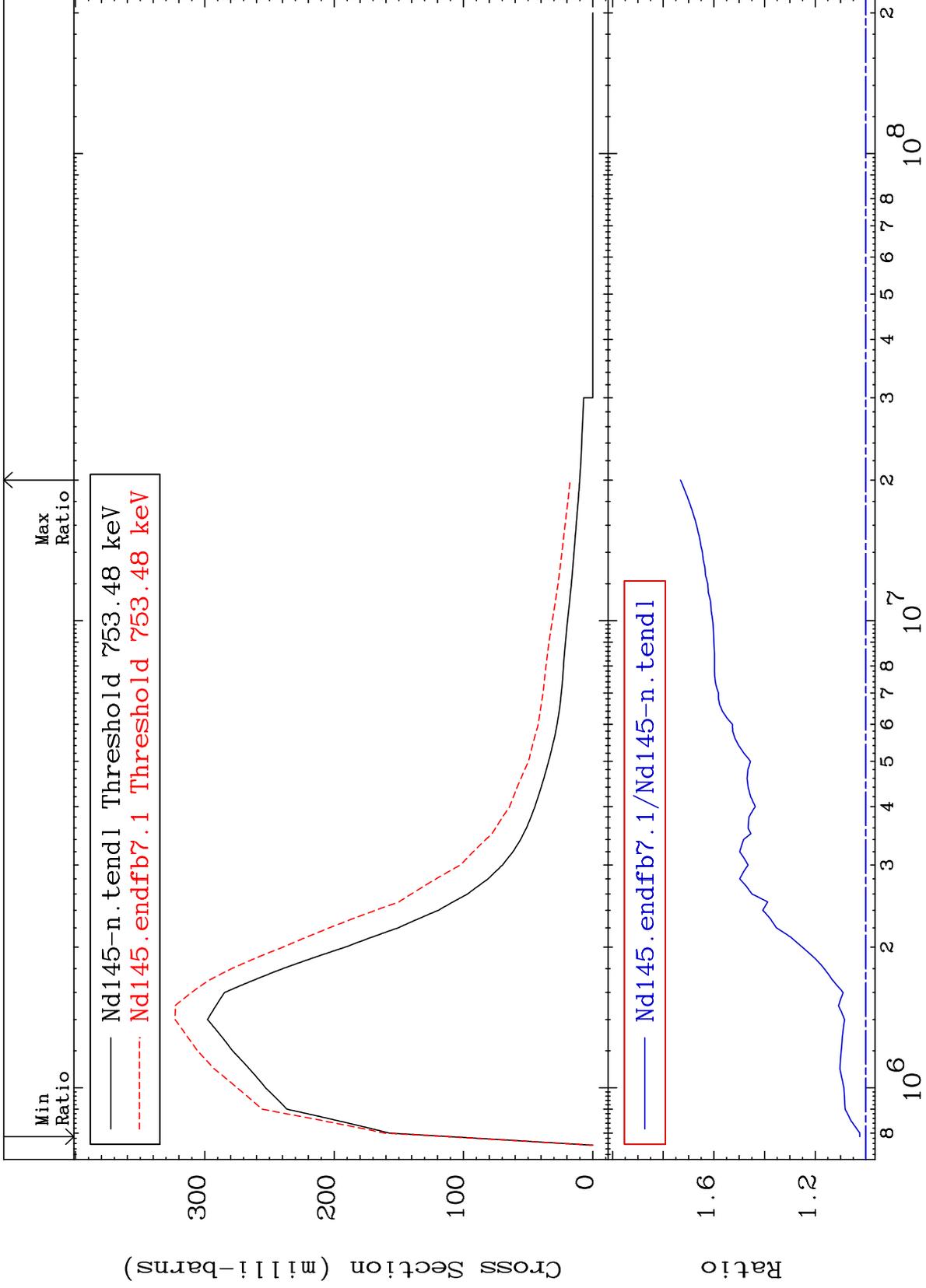
Incident Energy (eV)

60-Nd-145

MAT 6034

748.3 keV (n,n') Level
Cross Section

60-Nd-145
2.413 To 73.17 %

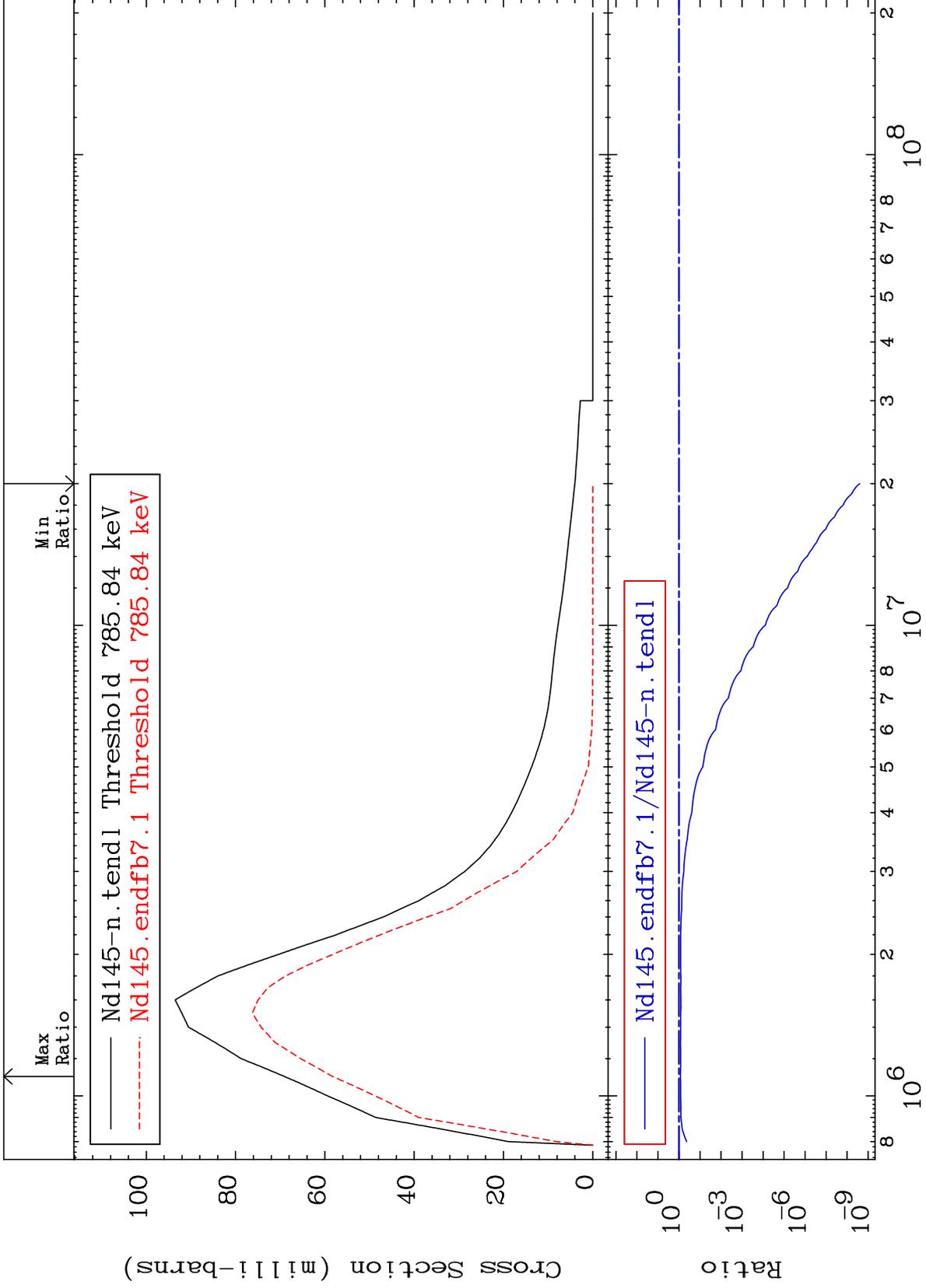


13

MAT 6034

780.4 keV (n,n') Level
Cross Section

60-Nd-145
-100.0 To -15.60%



14

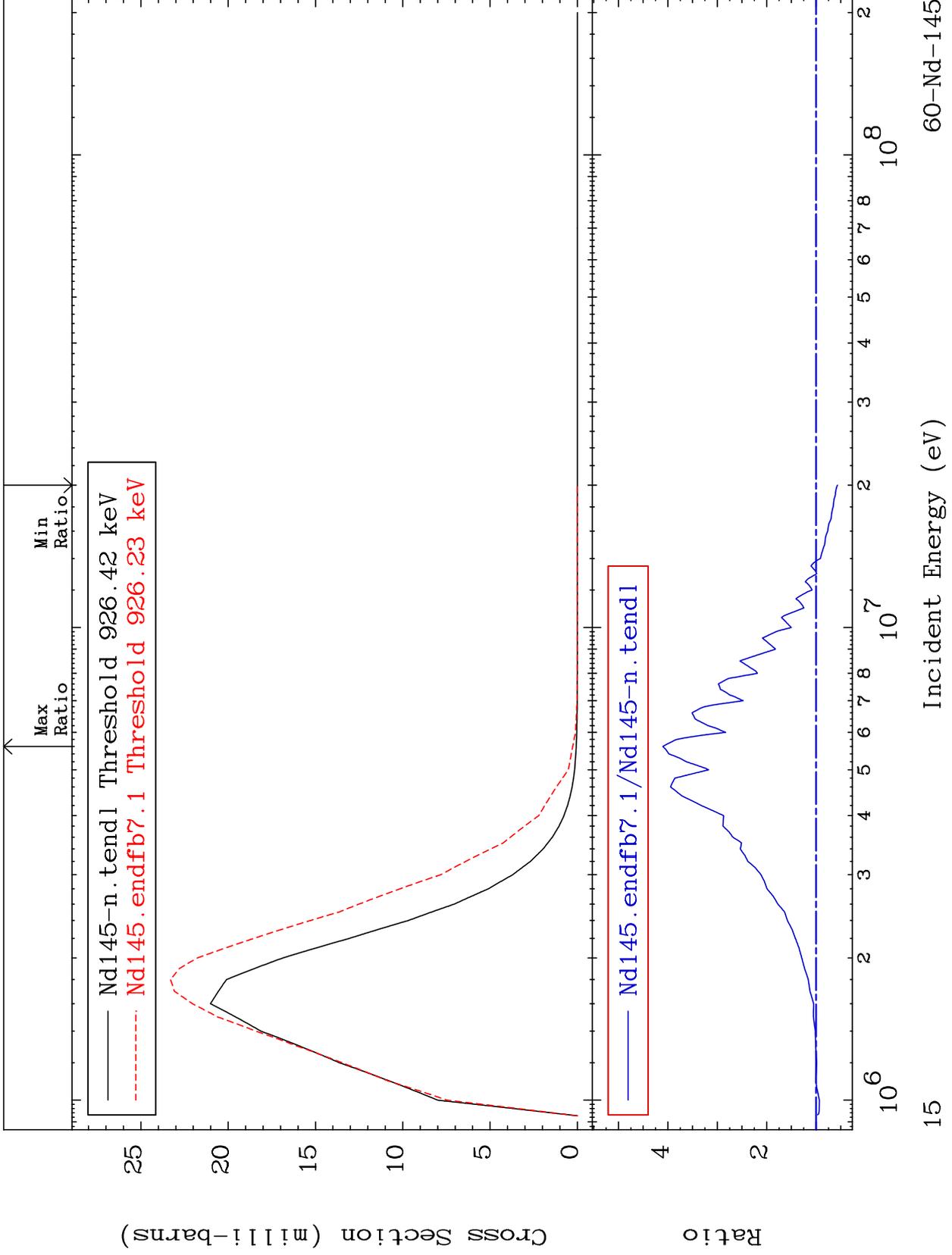
Incident Energy (eV)

60-Nd-145

MAT 6034

920.0 keV (n,n') Level
Cross Section

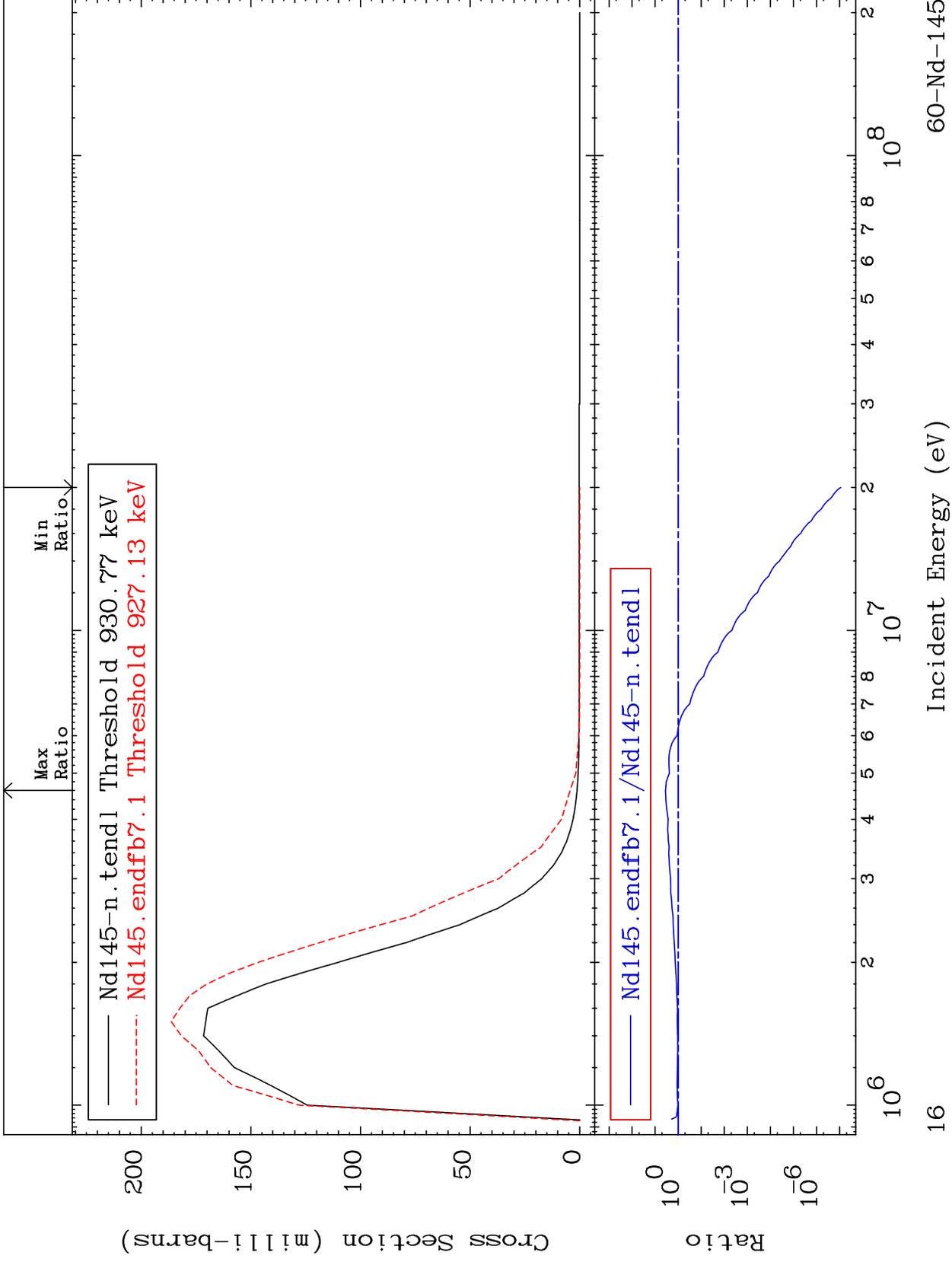
60-Nd-145
-43.29 To 310.1 %



MAT 6034

924.3 keV (n,n') Level
Cross Section

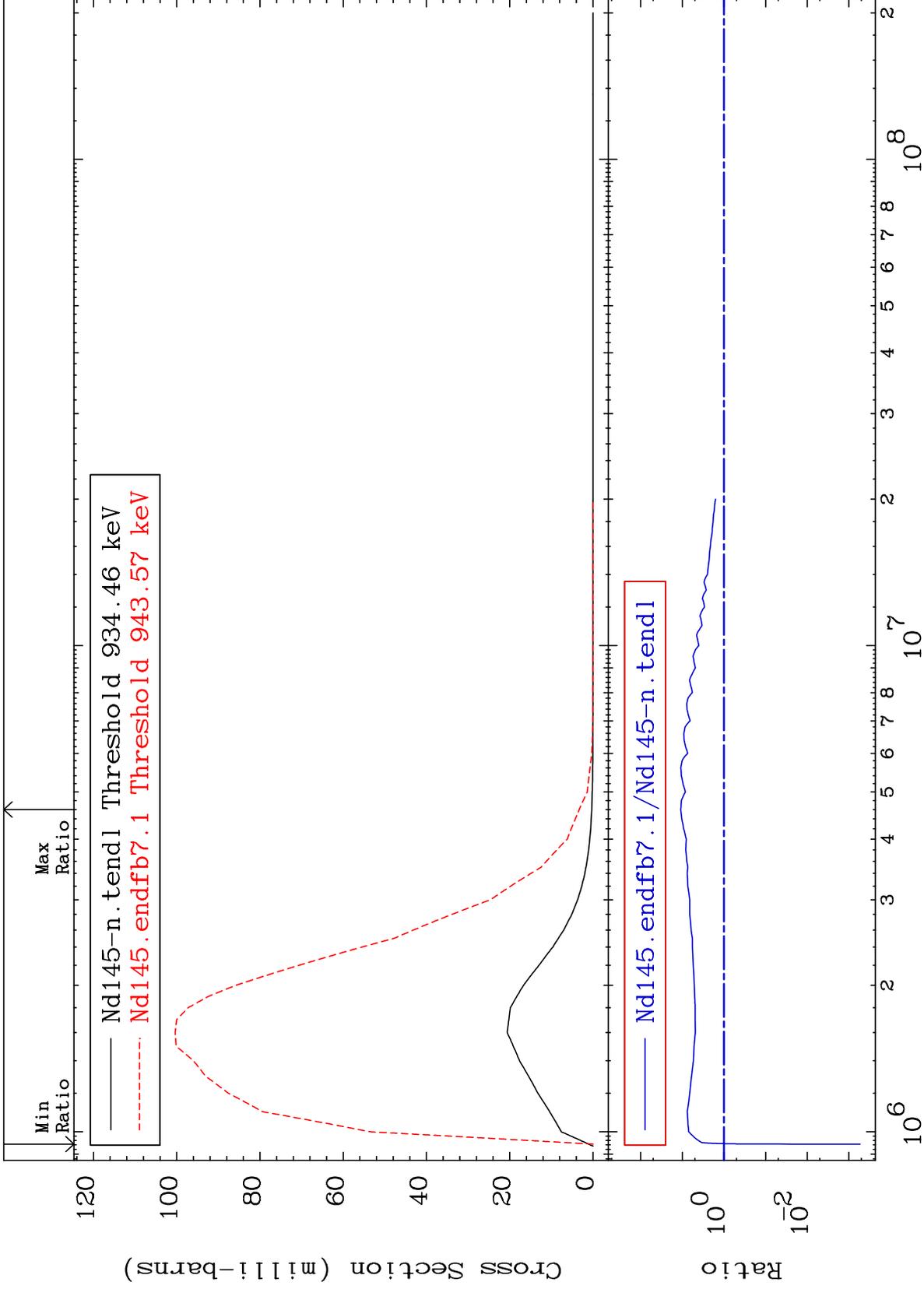
60-Nd-145
-100.0 To 255.3 %



MAT 6034

928.0 keV (n,n') Level
Cross Section

60-Nd-145
-99.95 To 990.6 %



17

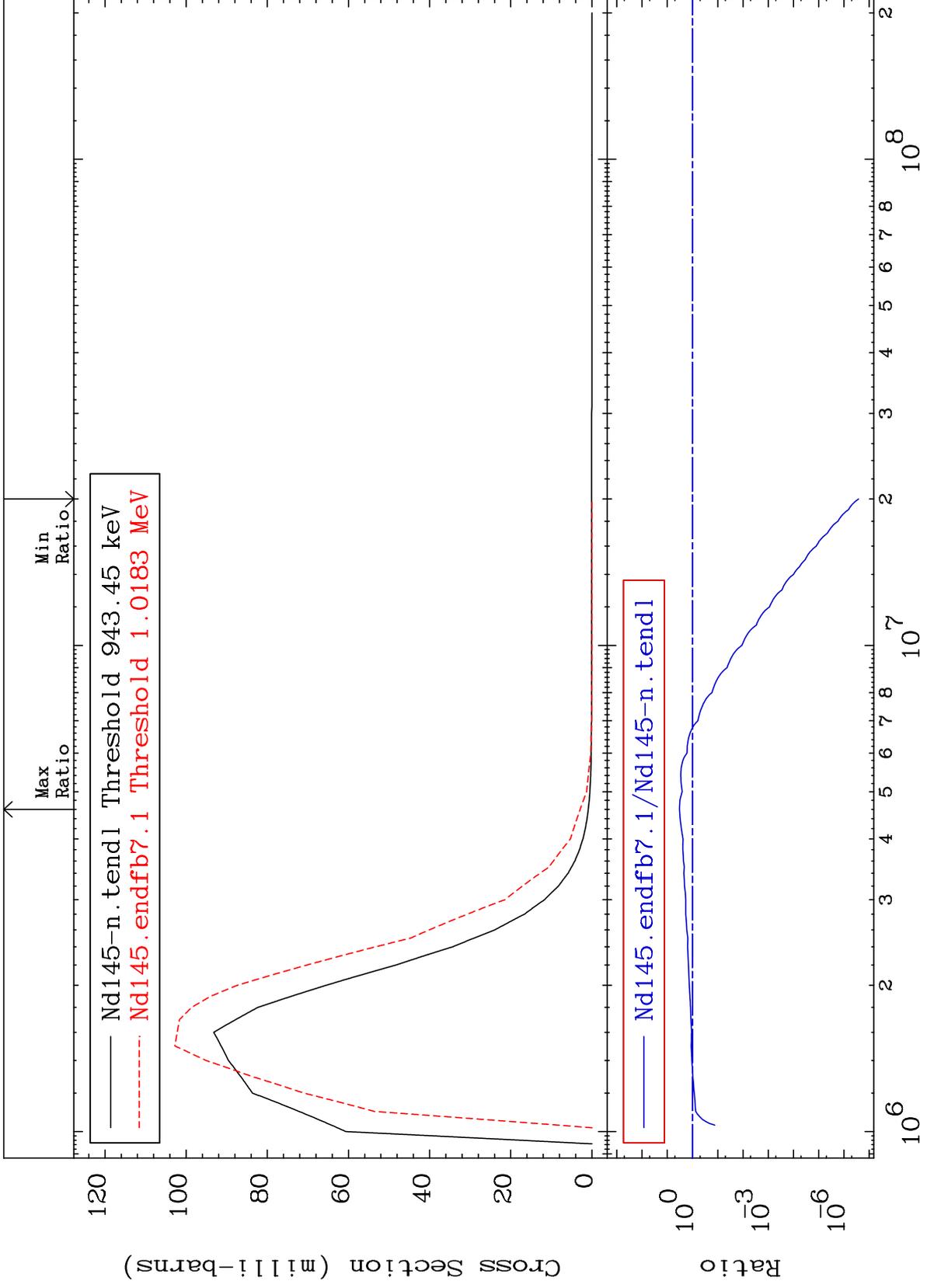
Incident Energy (eV)

60-Nd-145

MAT 6034

936.9 keV (n,n') Level
Cross Section

60-Nd-145
-100.0 To 225.7 %



Incident Energy (eV)

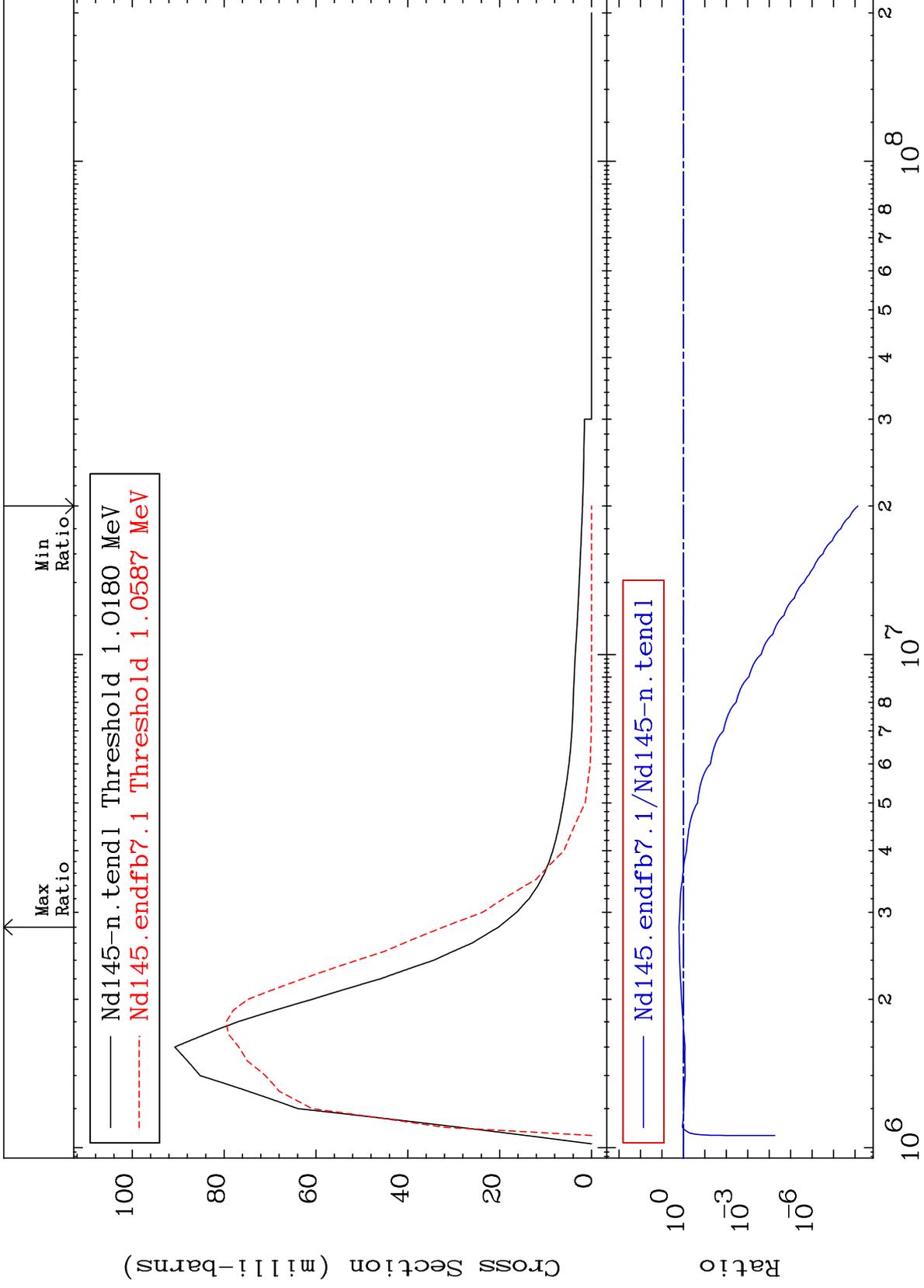
18

60-Nd-145

MAT 6034

1.011 MeV (n,n') Level
Cross Section

60-Nd-145
-100.0 To 59.42 %



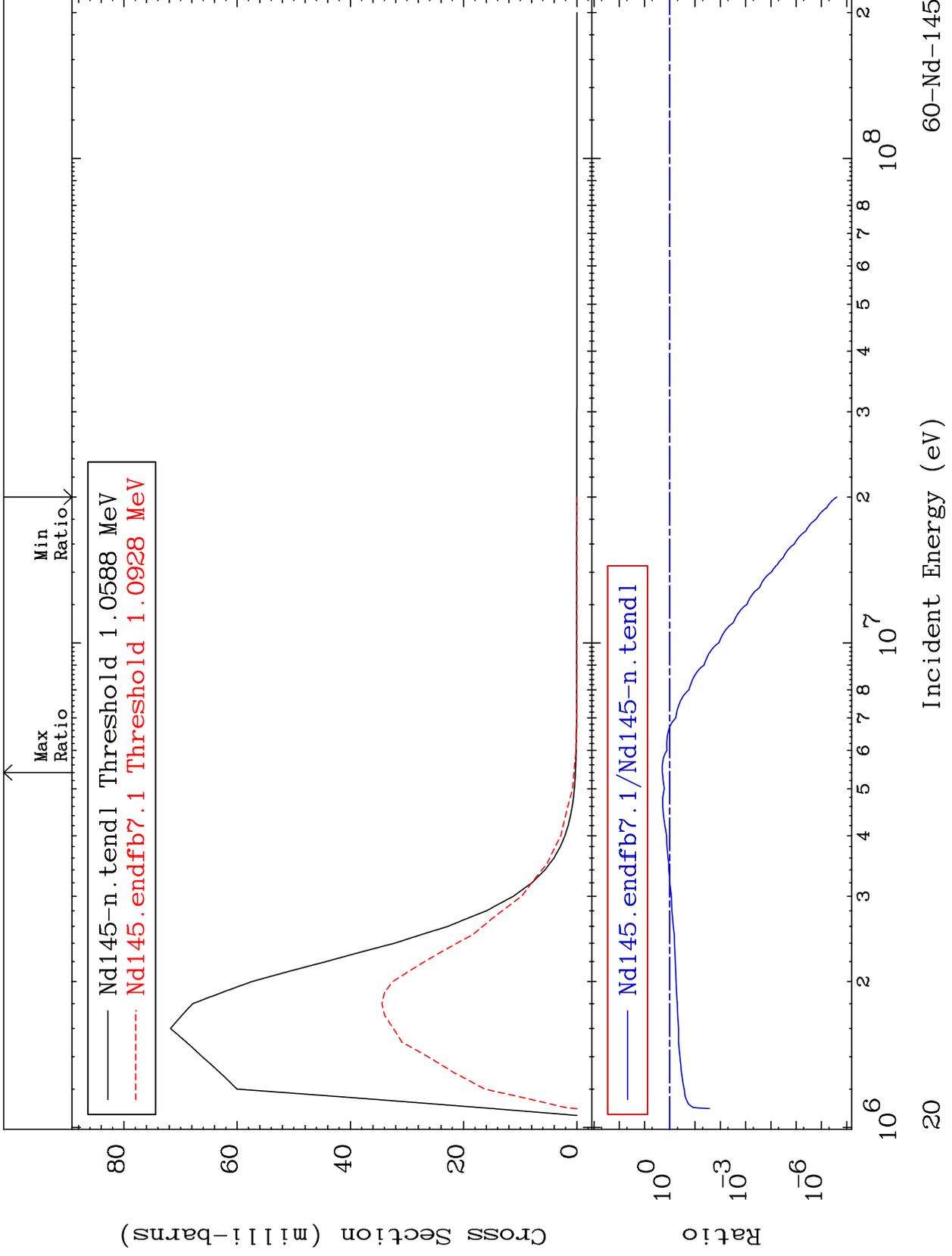
19

60-Nd-145

MAT 6034

1.051 MeV (n,n') Level
Cross Section

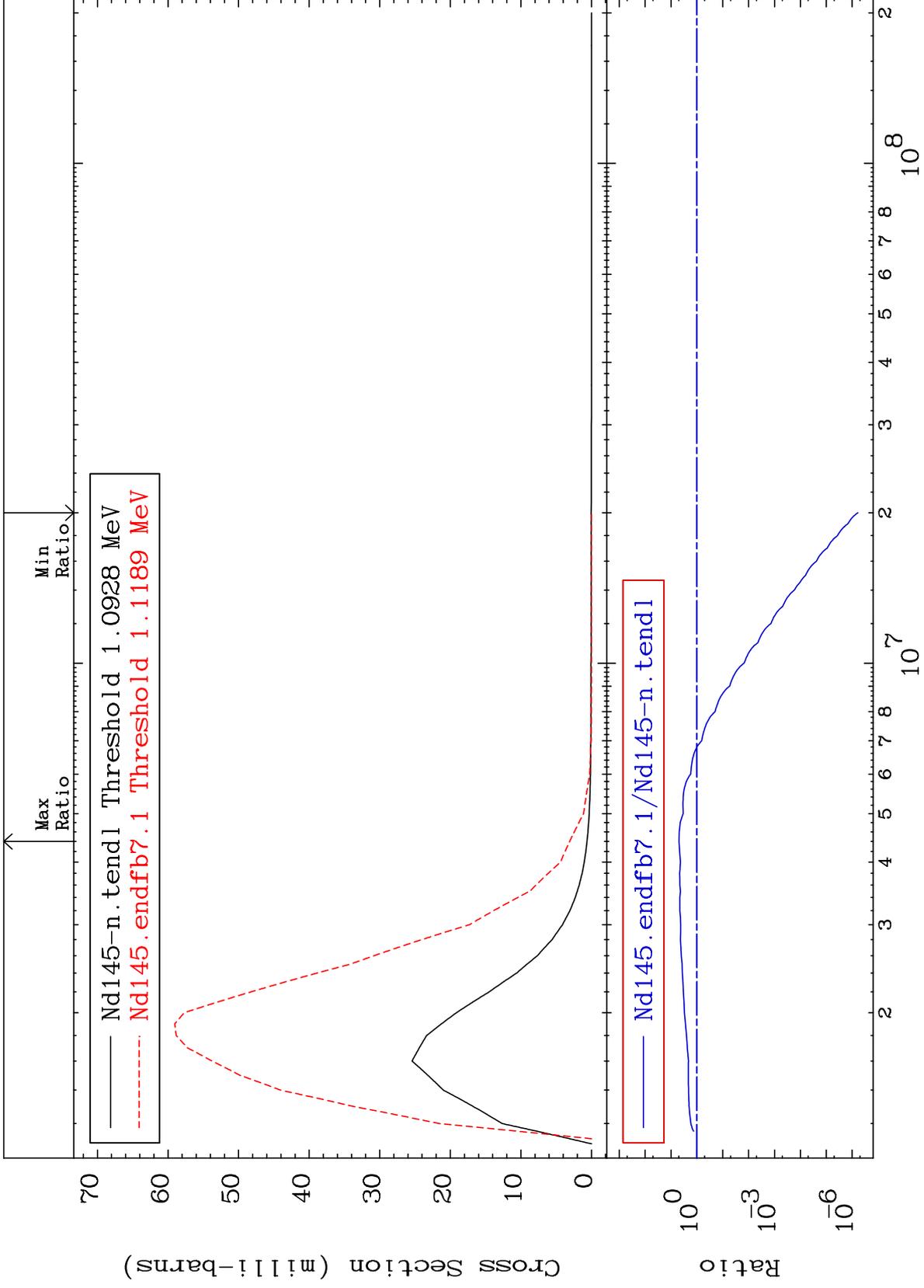
60-Nd-145
-100.0 To 97.93 %



MAT 6034

1.085 MeV (n,n') Level
Cross Section

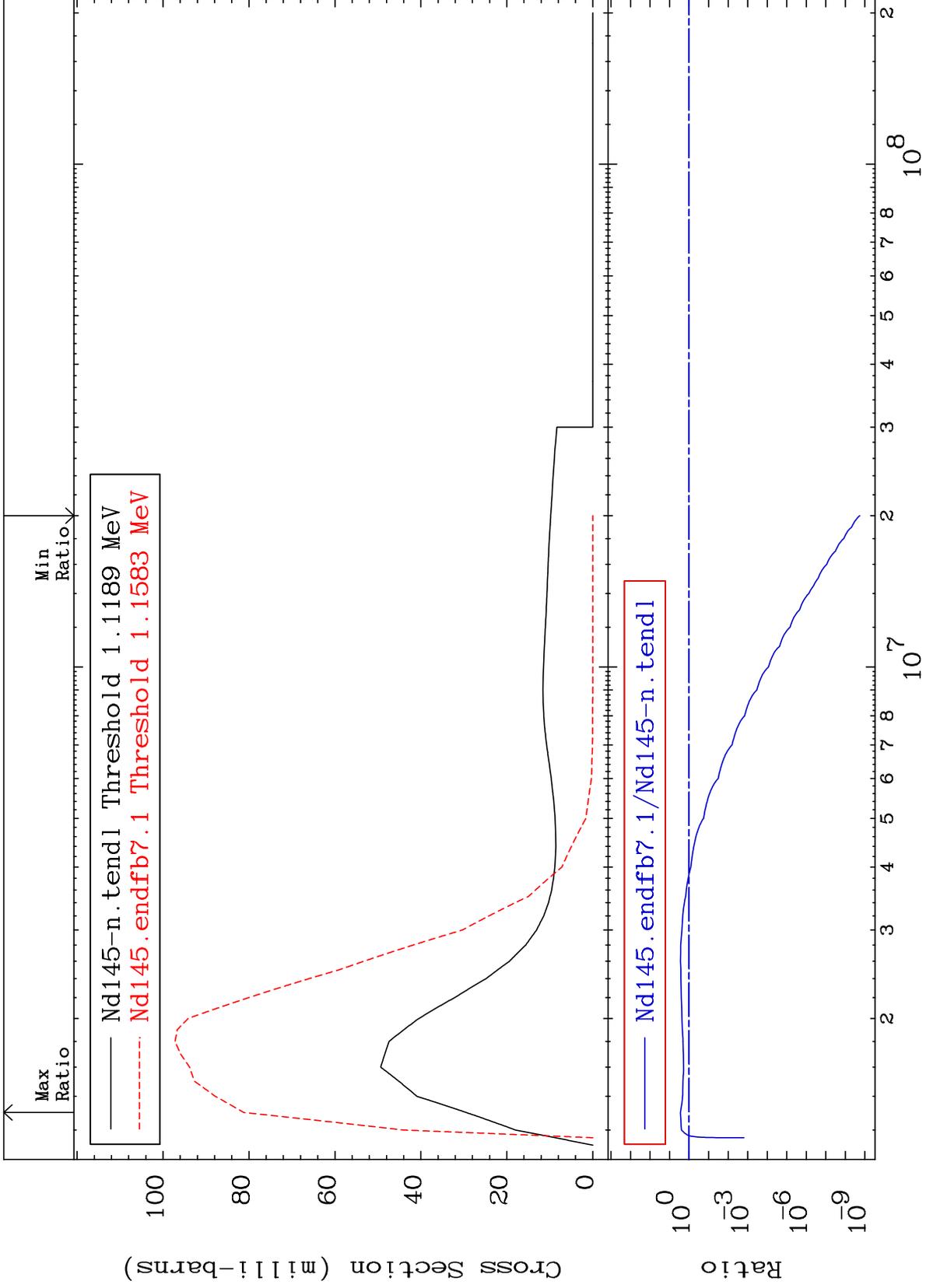
60-Nd-145
-100.0 To 389.9 %



MAT 6034

1.111 MeV (n,n') Level
Cross Section

60-Nd-145
-100.0 To 175.8 %



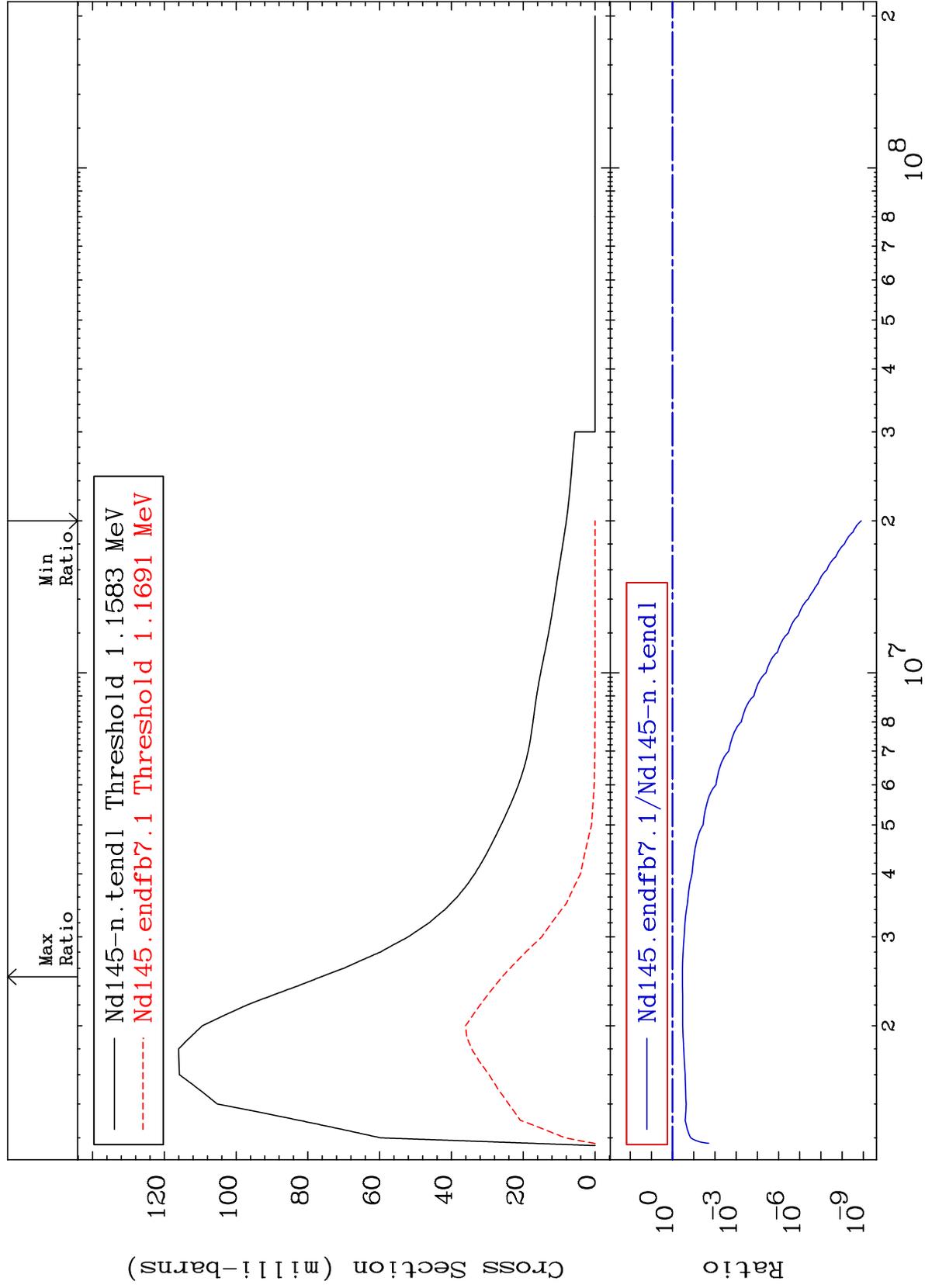
MAT 6034

1.150 MeV (n,n') Level

60-Nd-145

-100.0 To -66.09%

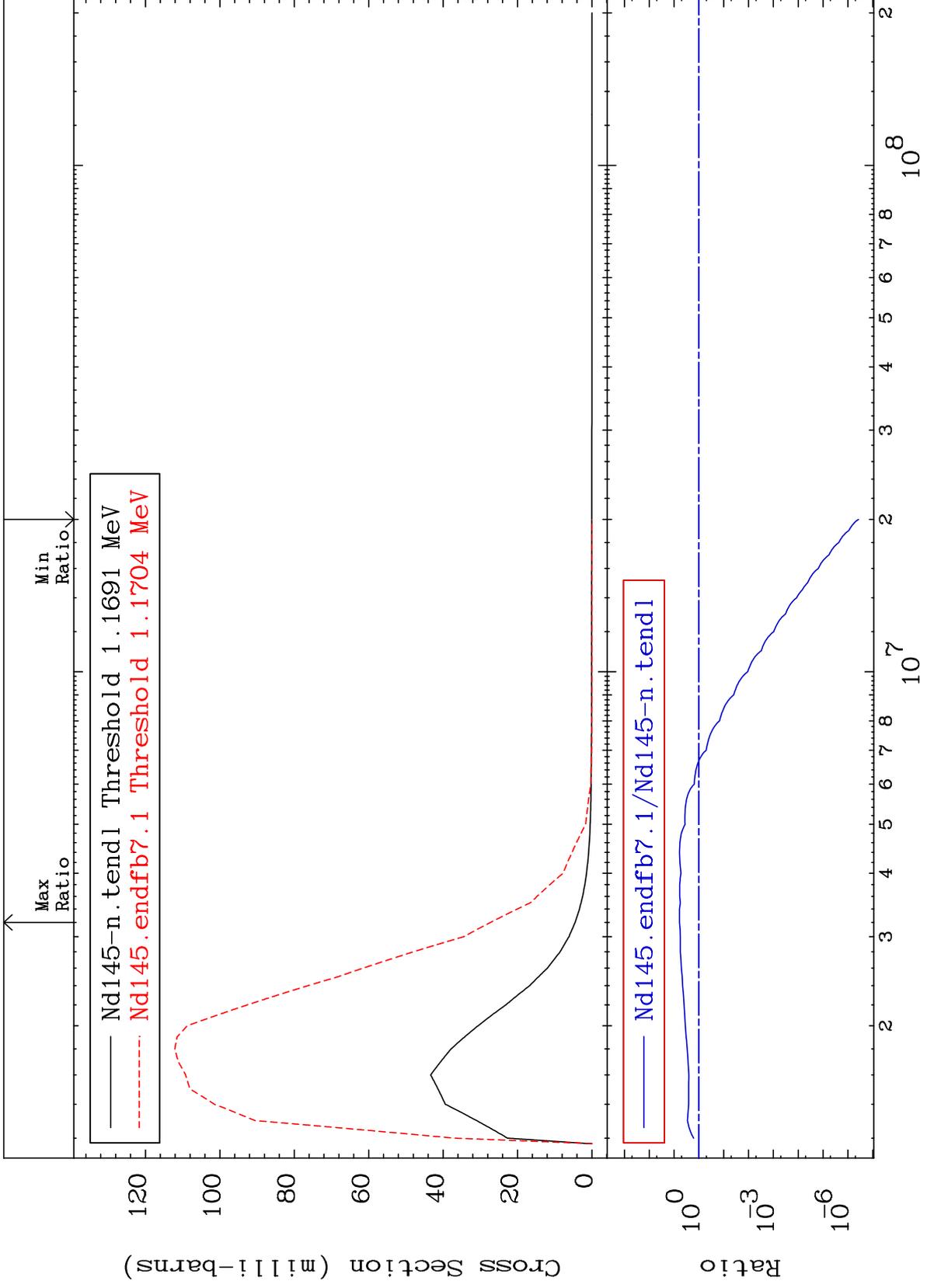
Cross Section



MAT 6034

1.161 MeV (n,n') Level
Cross Section

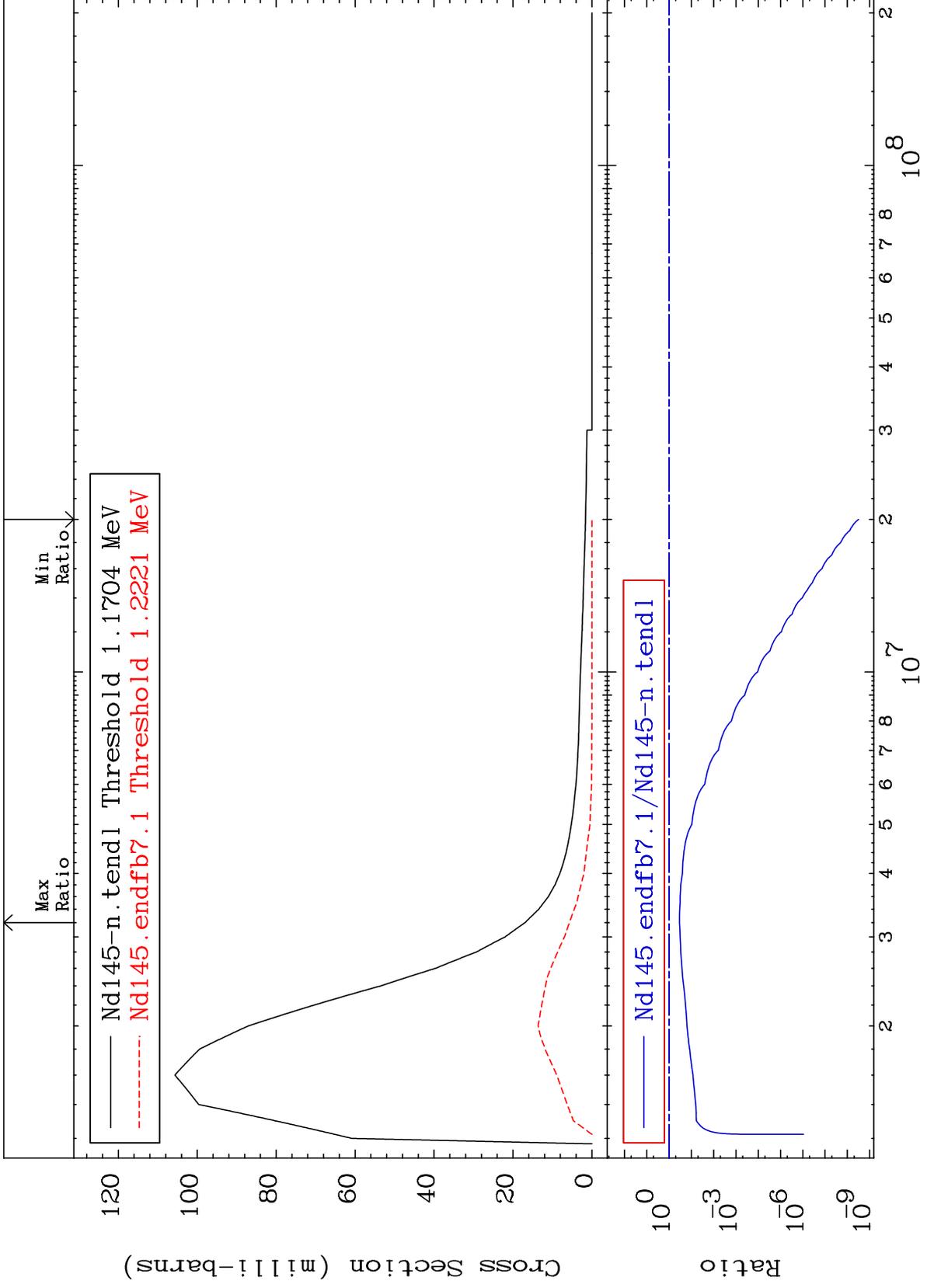
60-Nd-145
-100.0 To 504.4 %



MAT 6034

1.162 MeV (n,n') Level
Cross Section

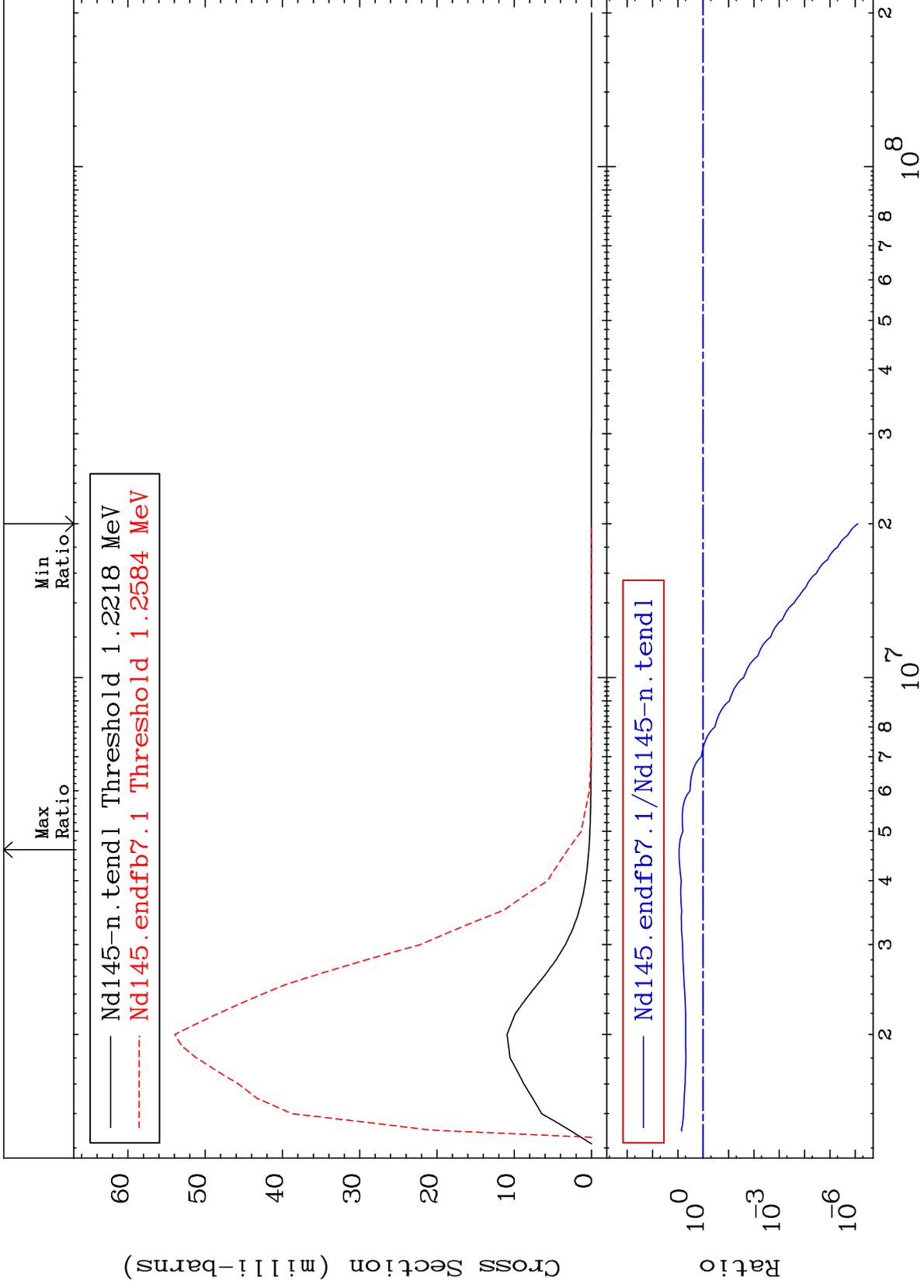
60-Nd-145
-100.0 To -66.30%



MAT 6034

1.213 MeV (n,n') Level
Cross Section

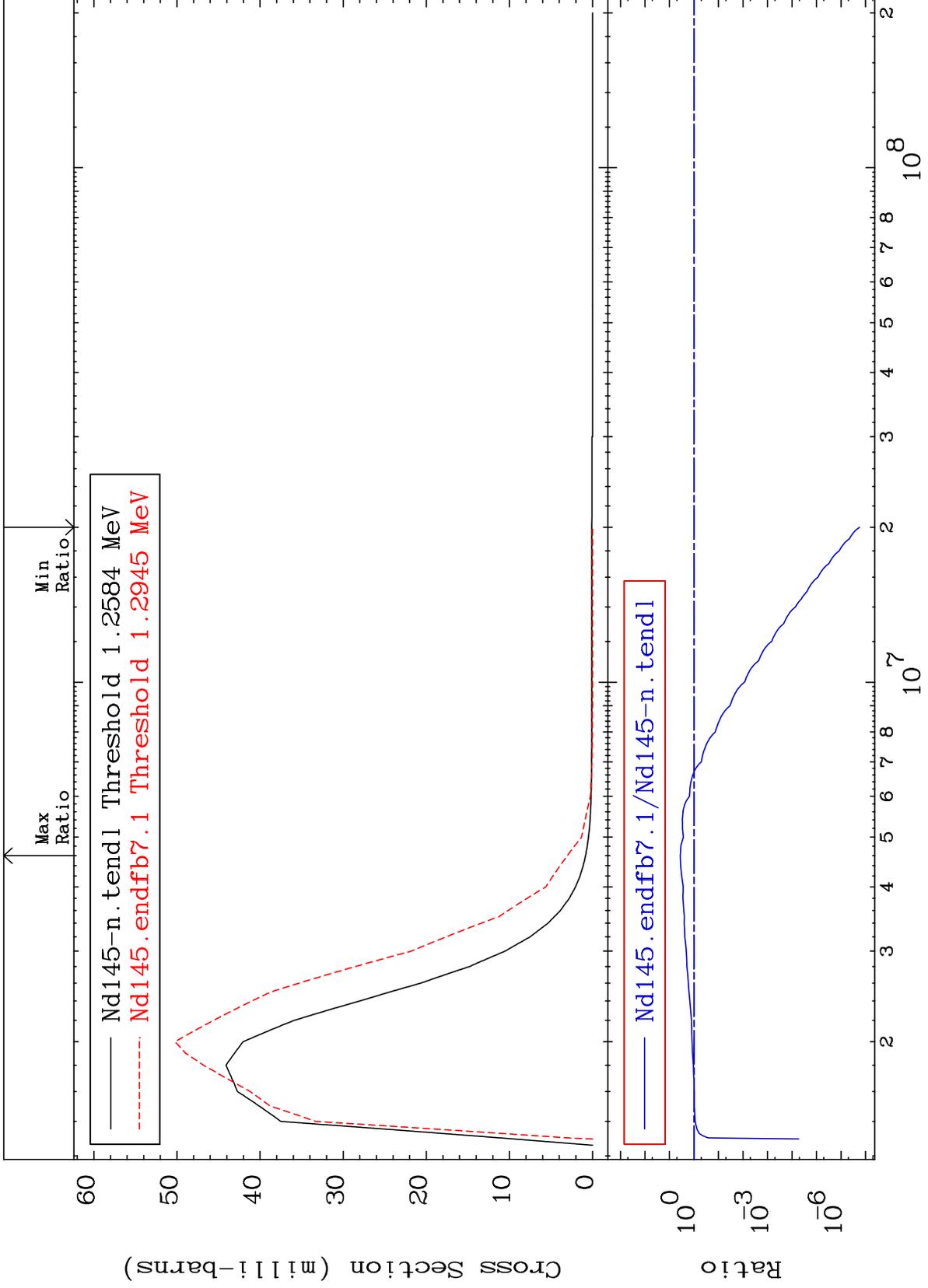
60-Nd-145
-100.0 To 802.0 %



MAT 6034

1.250 MeV (n,n') Level
Cross Section

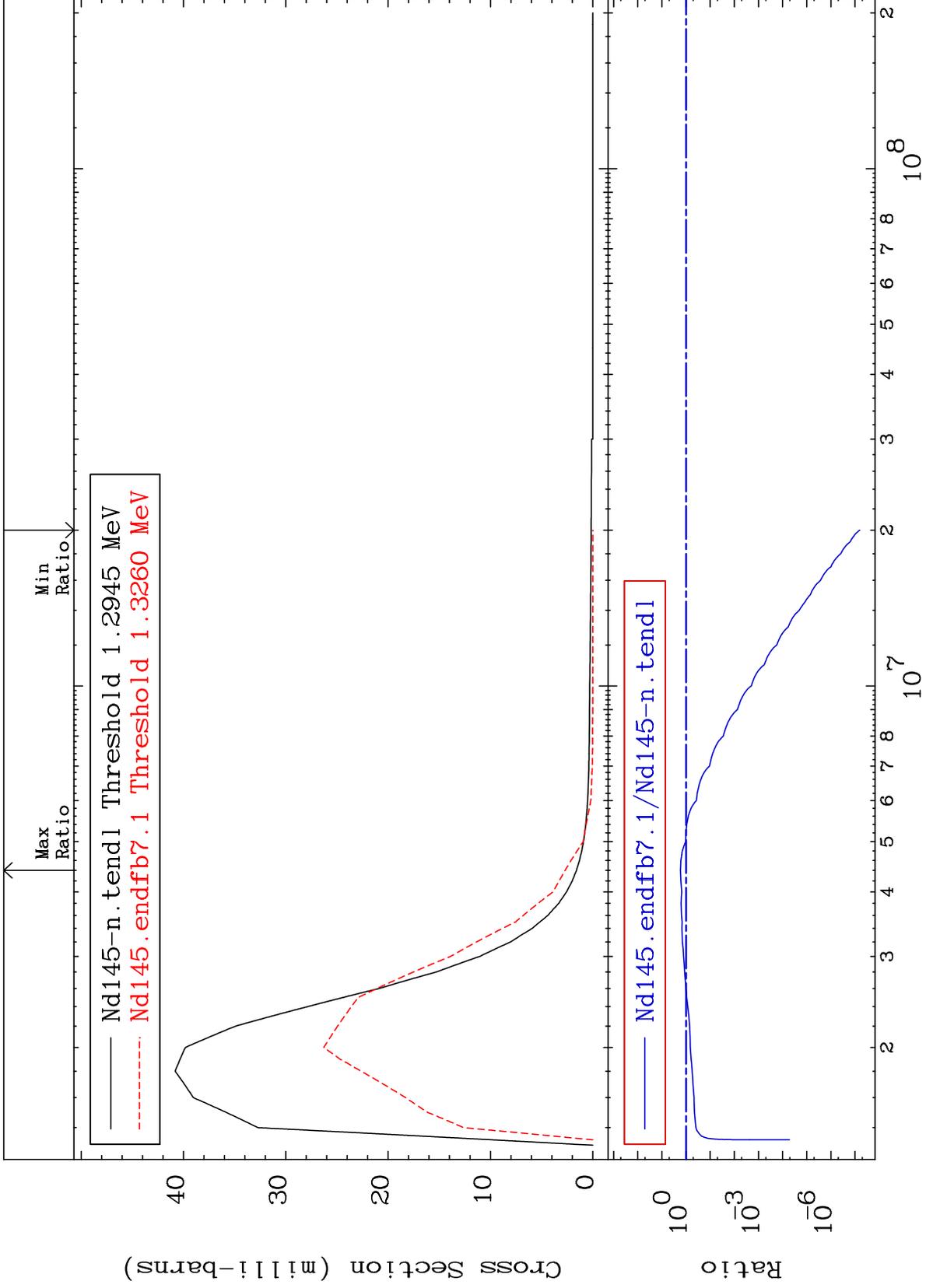
60-Nd-145
-100.0 To 262.2 %



MAT 6034

1.286 MeV (n,n') Level
Cross Section

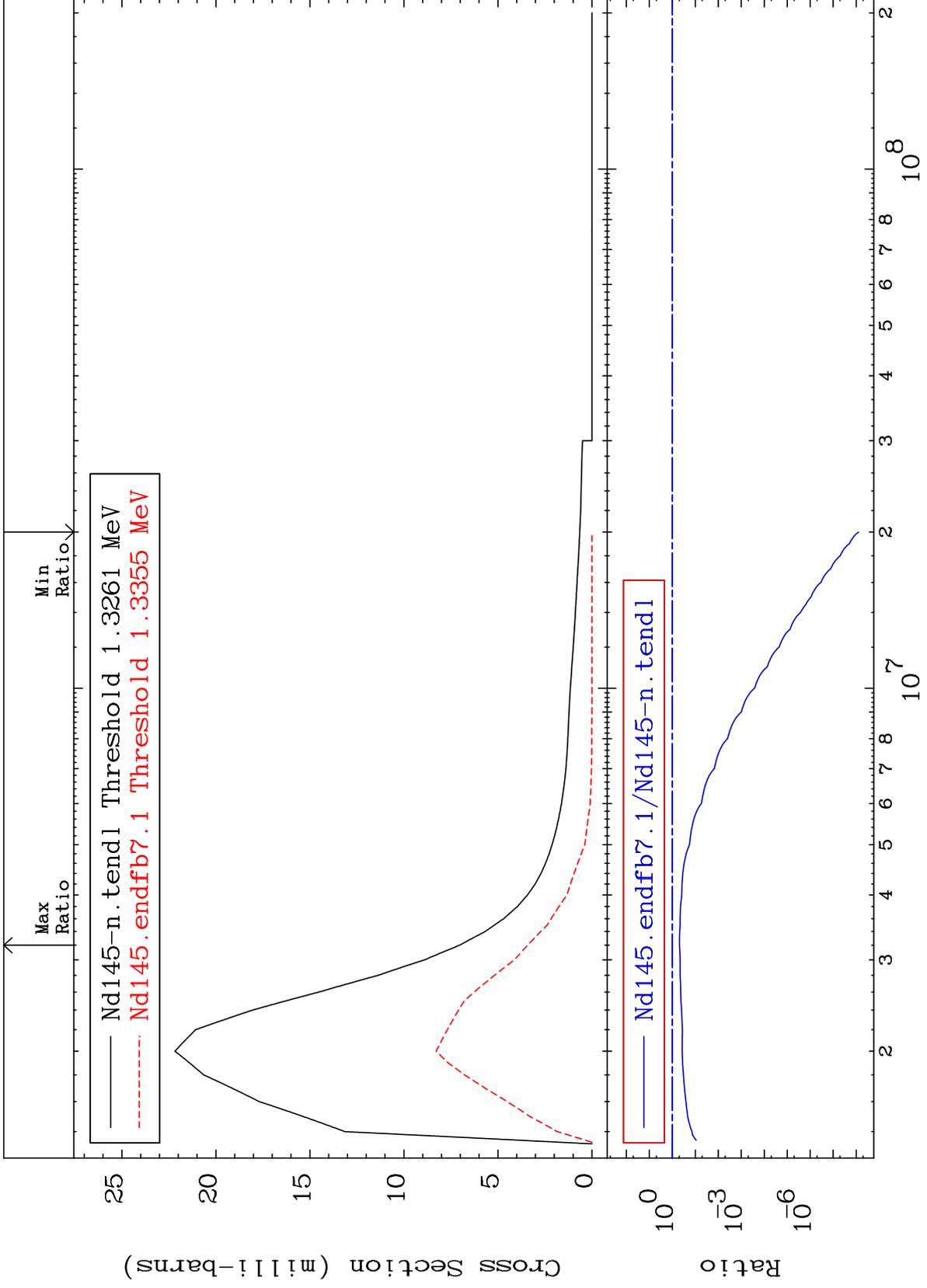
60-Nd-145
-100.0 To 69.10 %



MAT 6034

1.317 MeV (n,n') Level
Cross Section

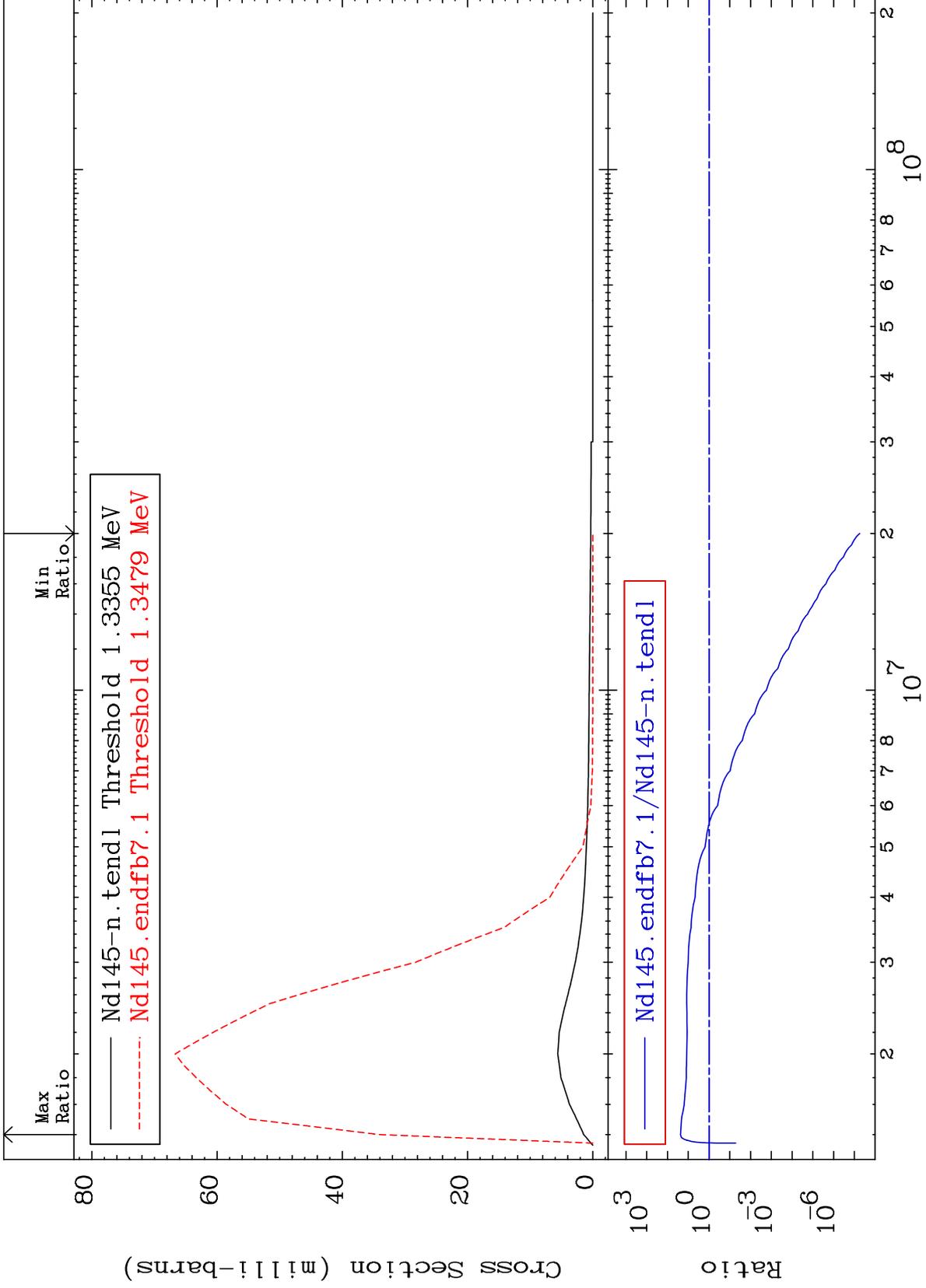
60-Nd-145
-100.0 To -51.47%



MAT 6034

1.326 MeV (n,n') Level
Cross Section

60-Nd-145
-100.0 To 2261. %



30

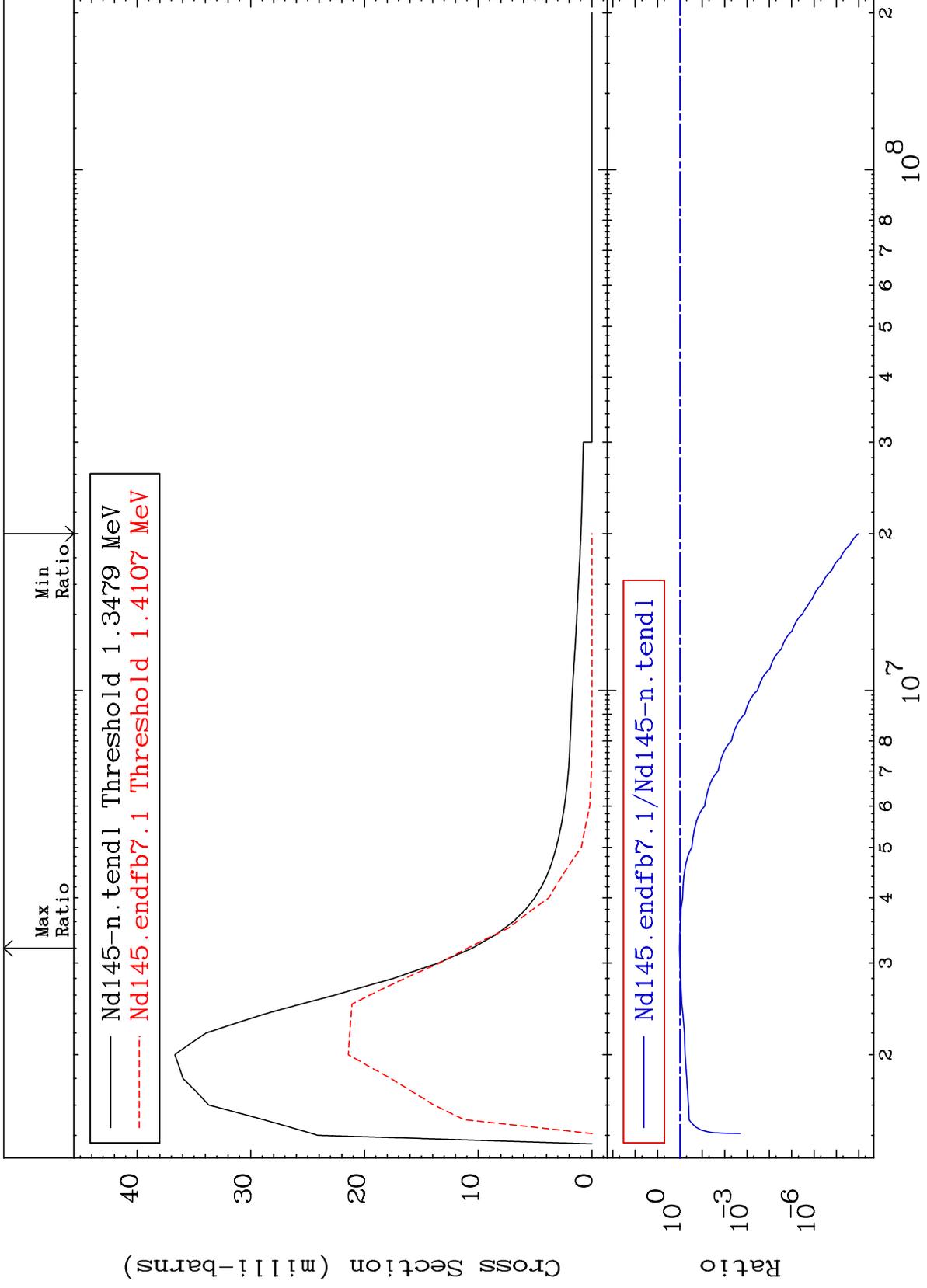
Incident Energy (eV)

60-Nd-145

MAT 6034

1.339 MeV (n,n') Level
Cross Section

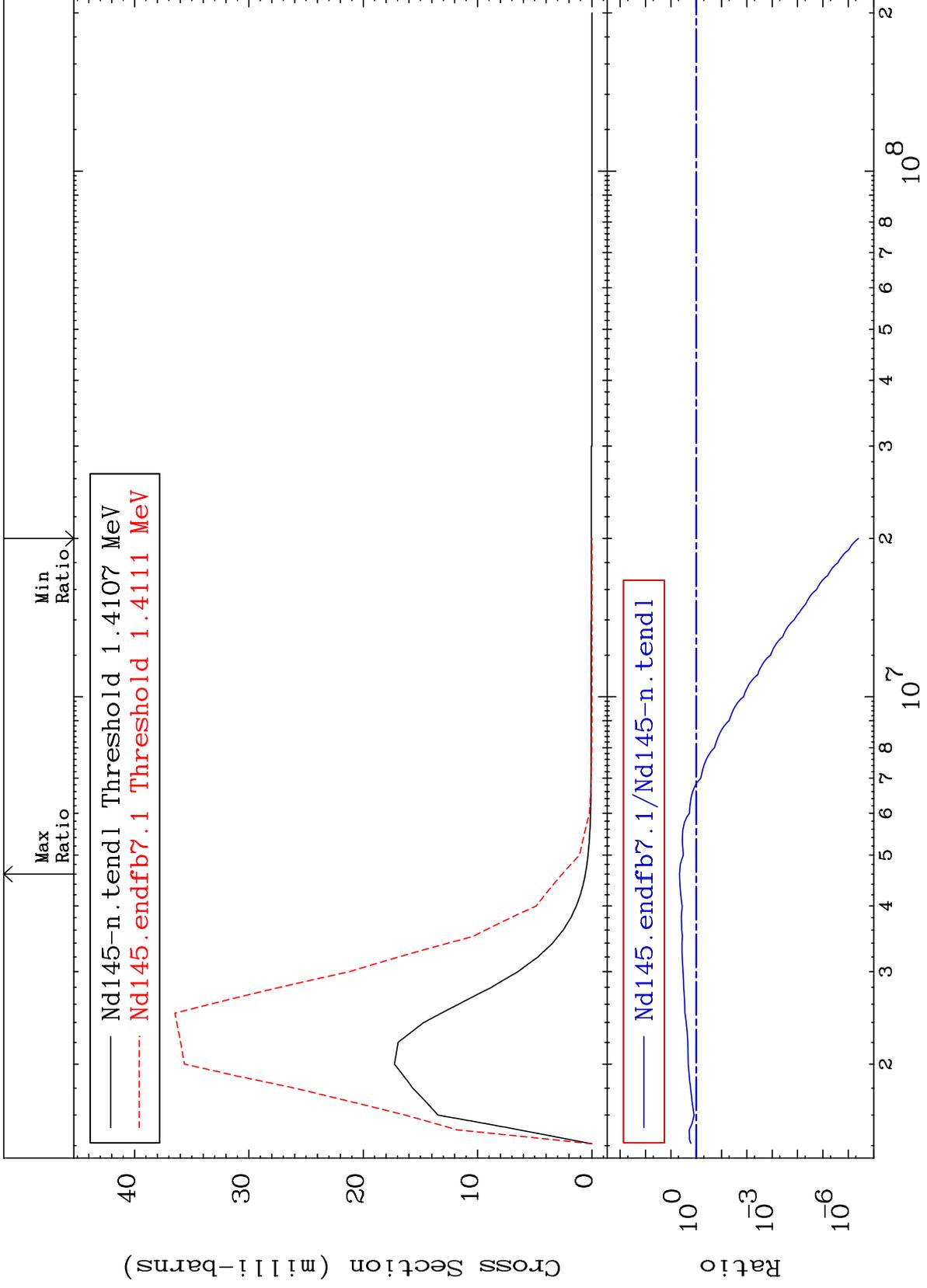
60-Nd-145
-100.0 To 3.927 %



MAT 6034

1.401 MeV (n,n') Level
Cross Section

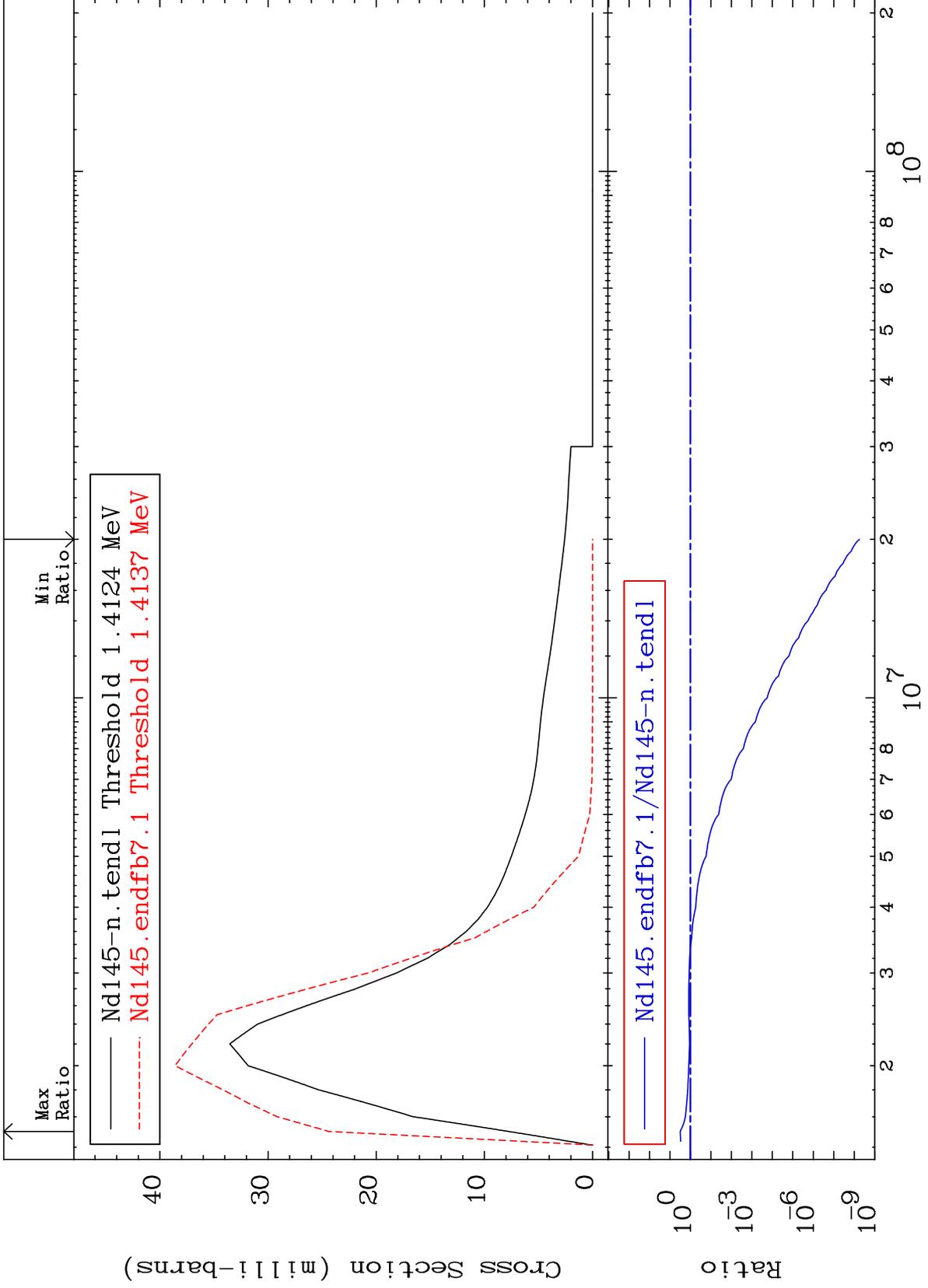
60-Nd-145
-100.0 To 354.3 %



MAT 6034

1.403 MeV (n,n') Level
Cross Section

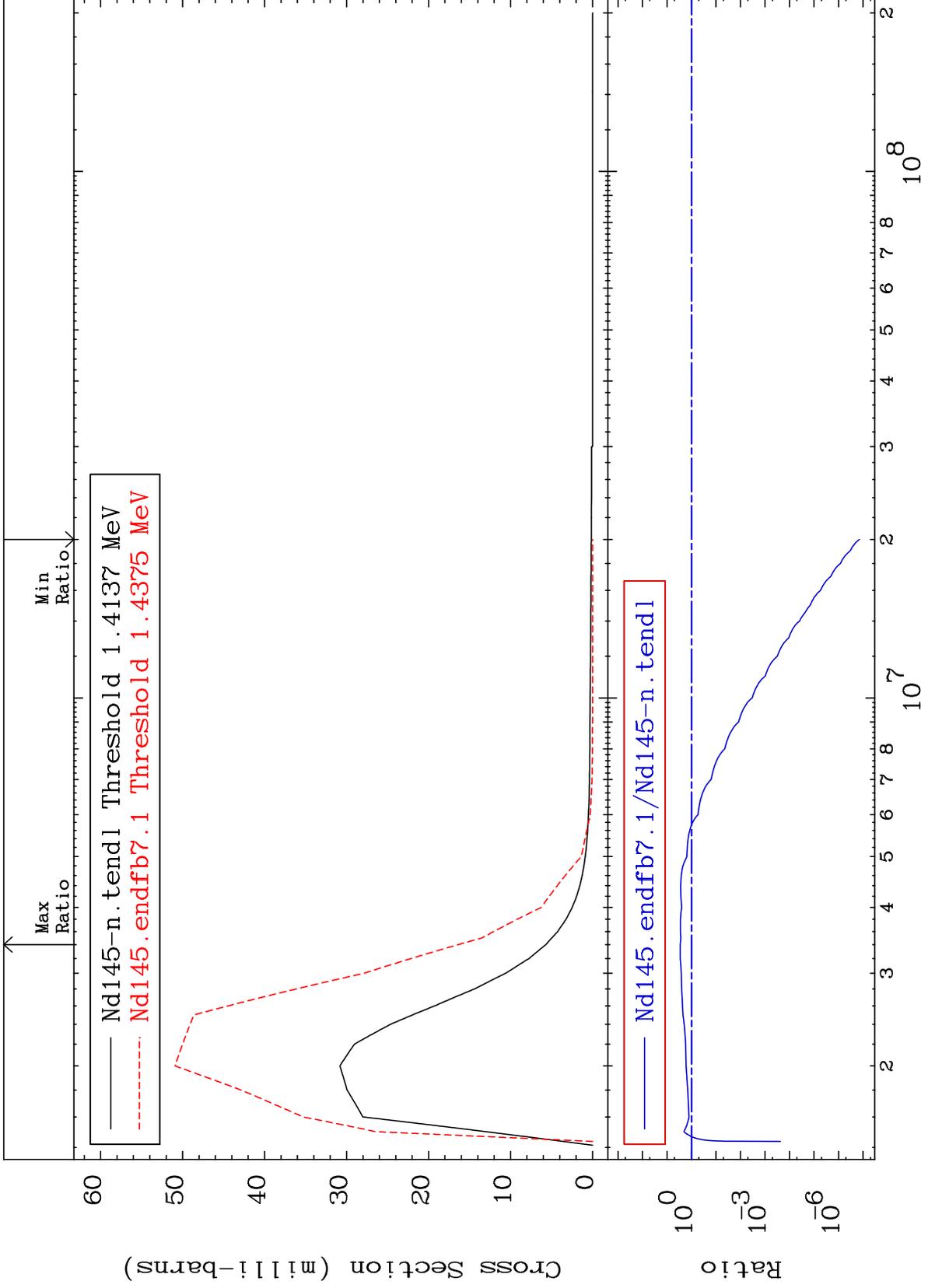
60-Nd-145
-100.0 To 215.0 %



MAT 6034

1.404 MeV (n,n') Level
Cross Section

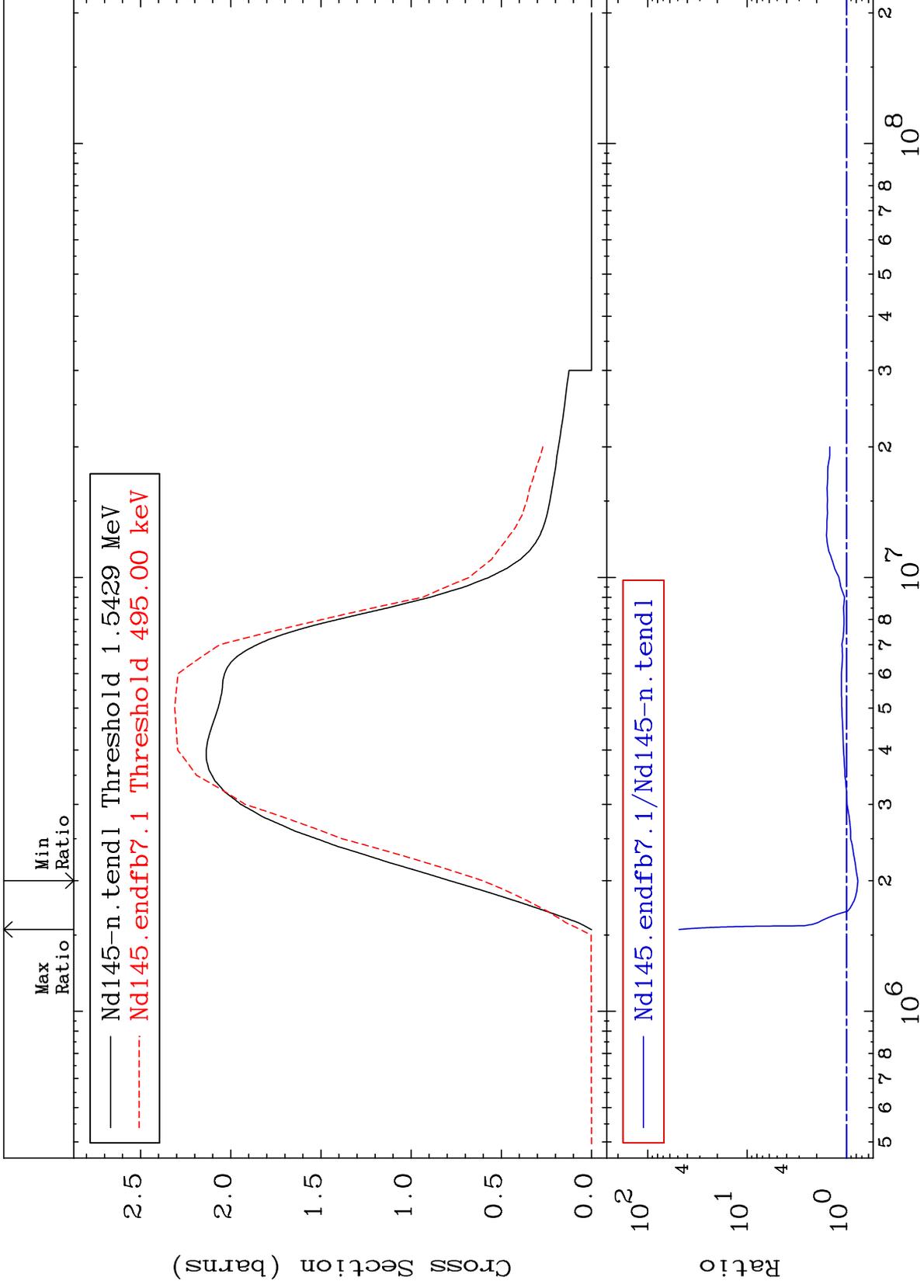
60-Nd-145
-100.0 To 187.2 %



MAT 6034

(n, n') Continuum
Cross Section

60-Nd-145
-23.20 To 4752. %

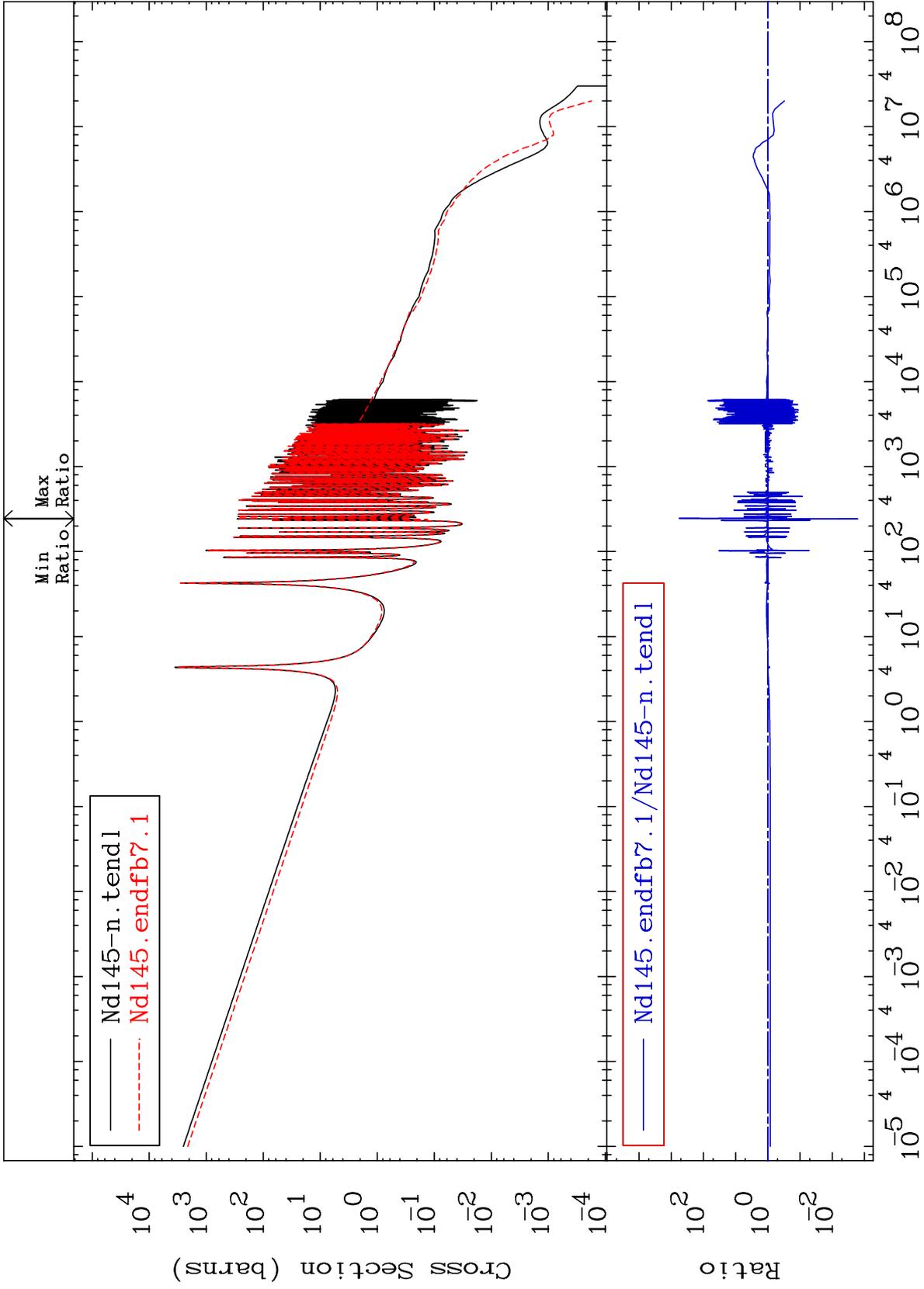


35

60-Nd-145

MAT 6034

(n, γ)
Cross Section
60-Nd-145
-99.84 To 9999. %



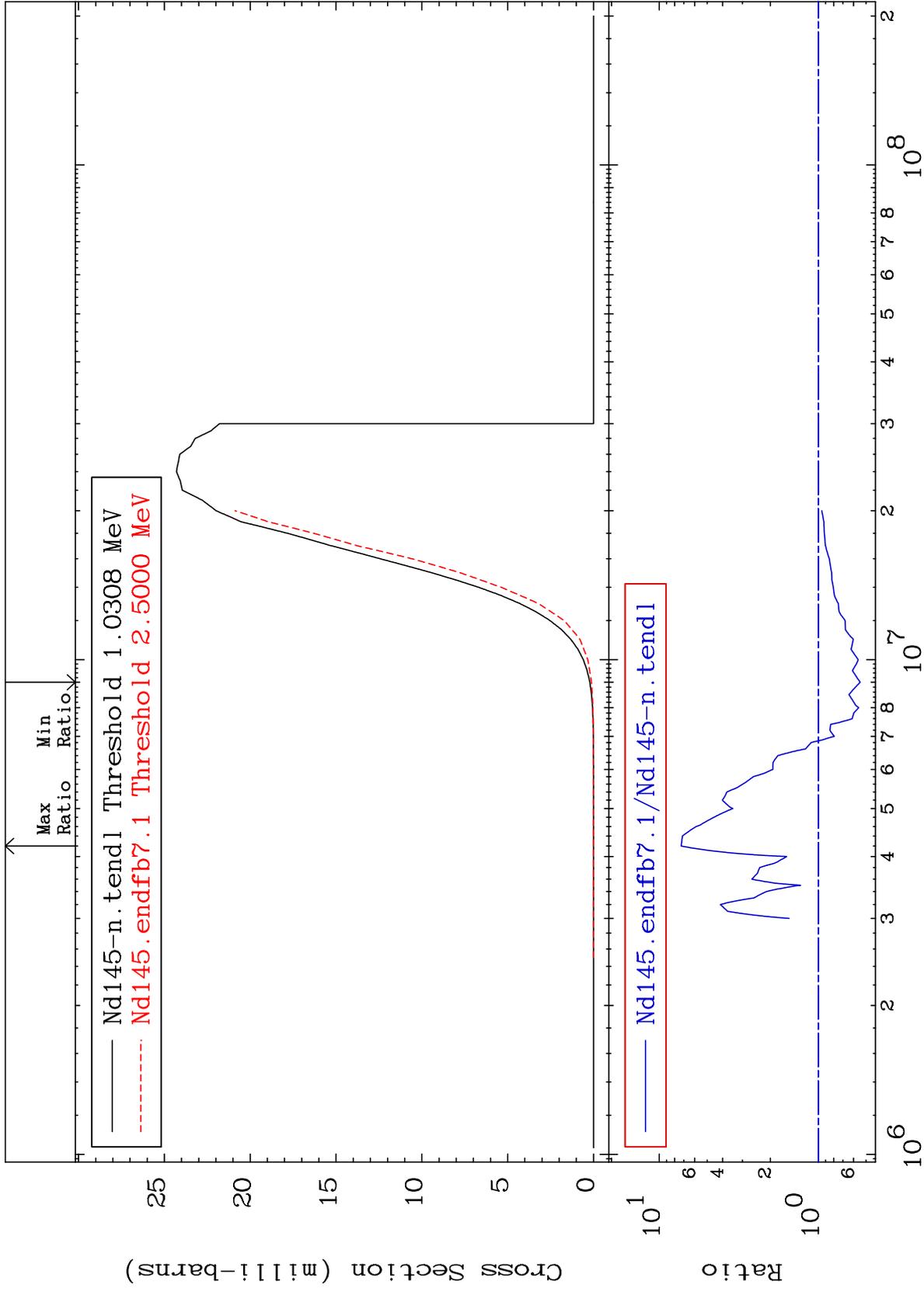
MAT 6034

(n,p)

60-Nd-145

Cross Section

-45.54 To 628.6 %



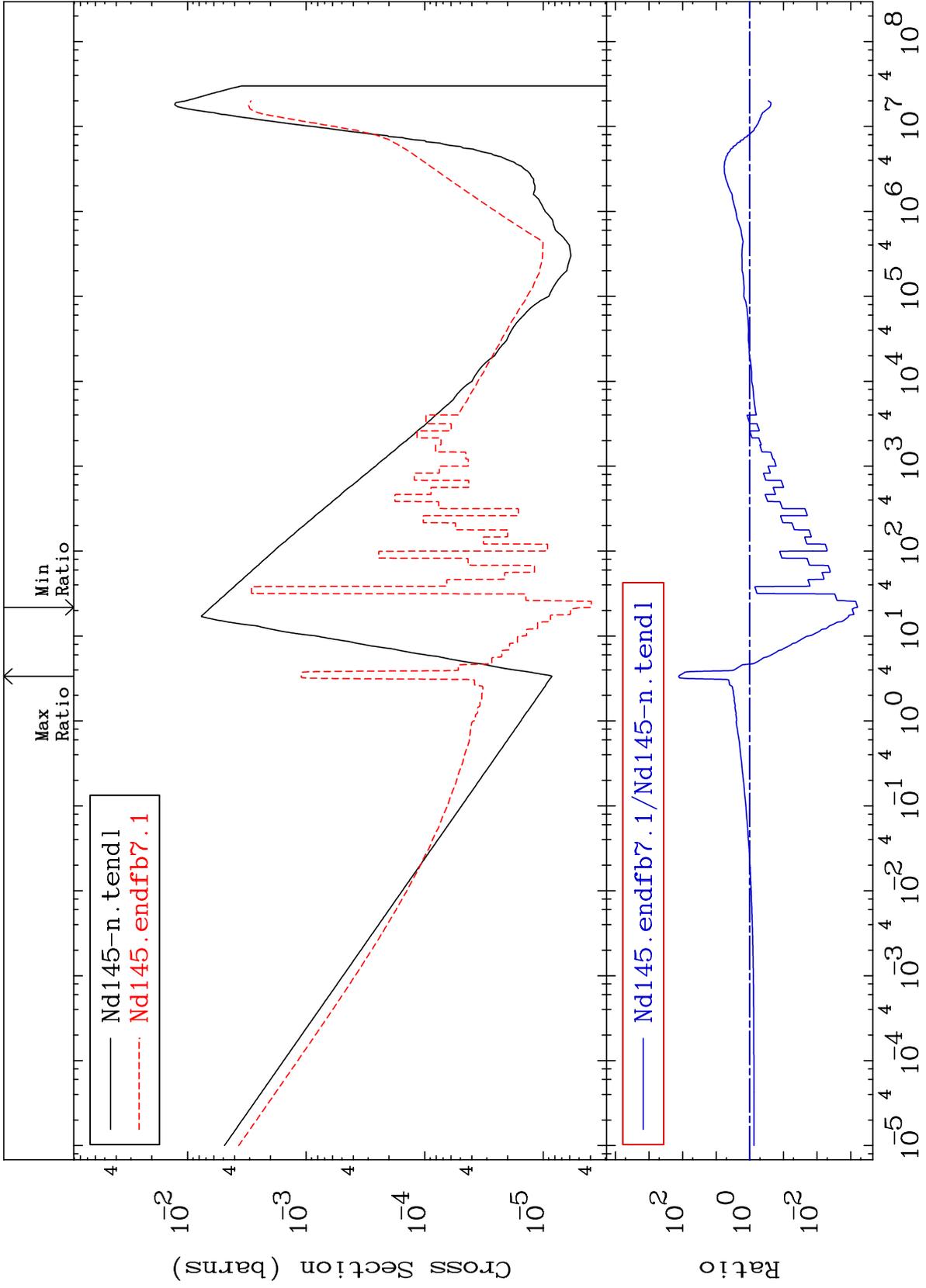
37

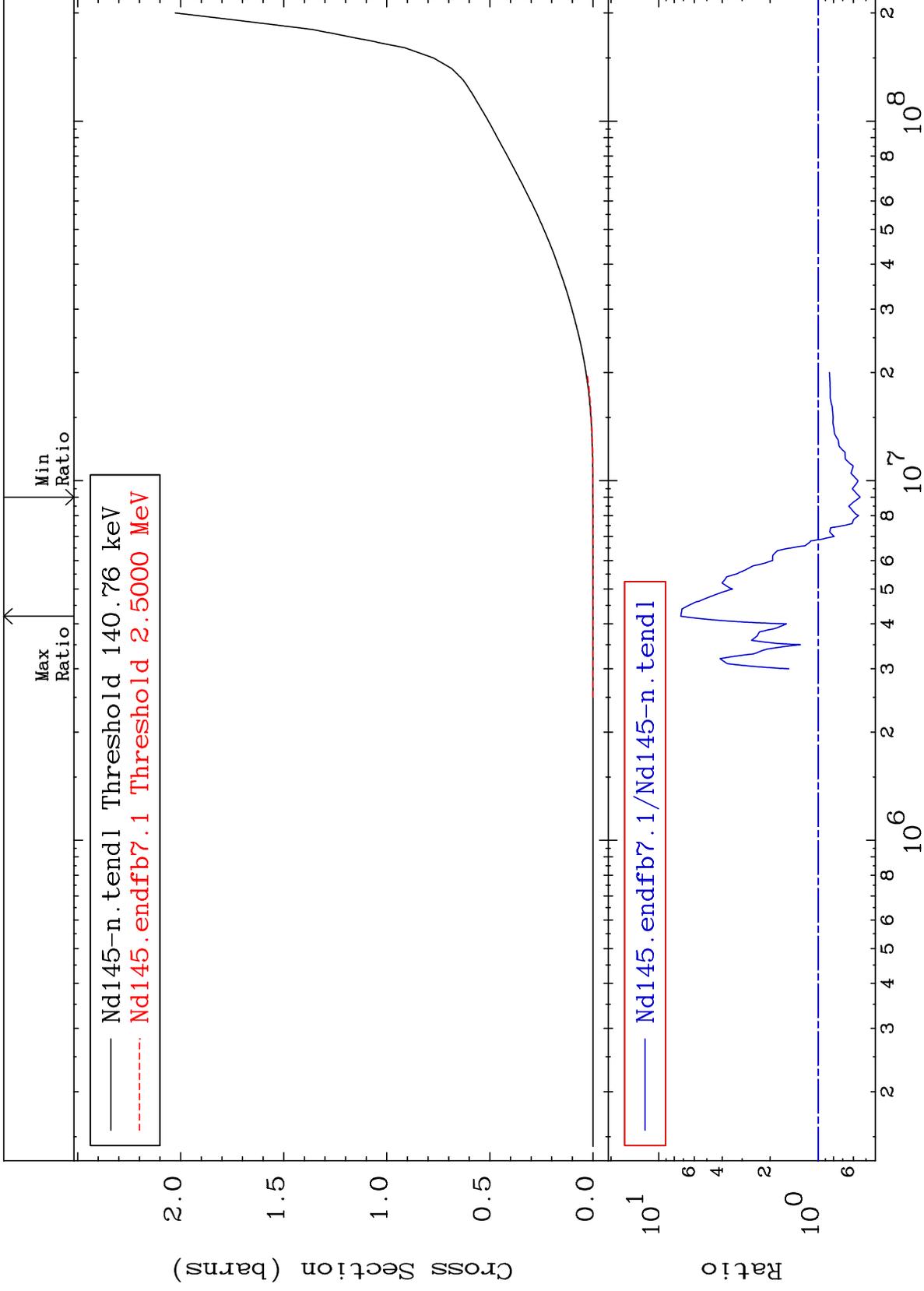
Incident Energy (eV)

60-Nd-145

MAT 6034

(n, α)
Cross Section
60-Nd-145
-99.94 To 9999. %

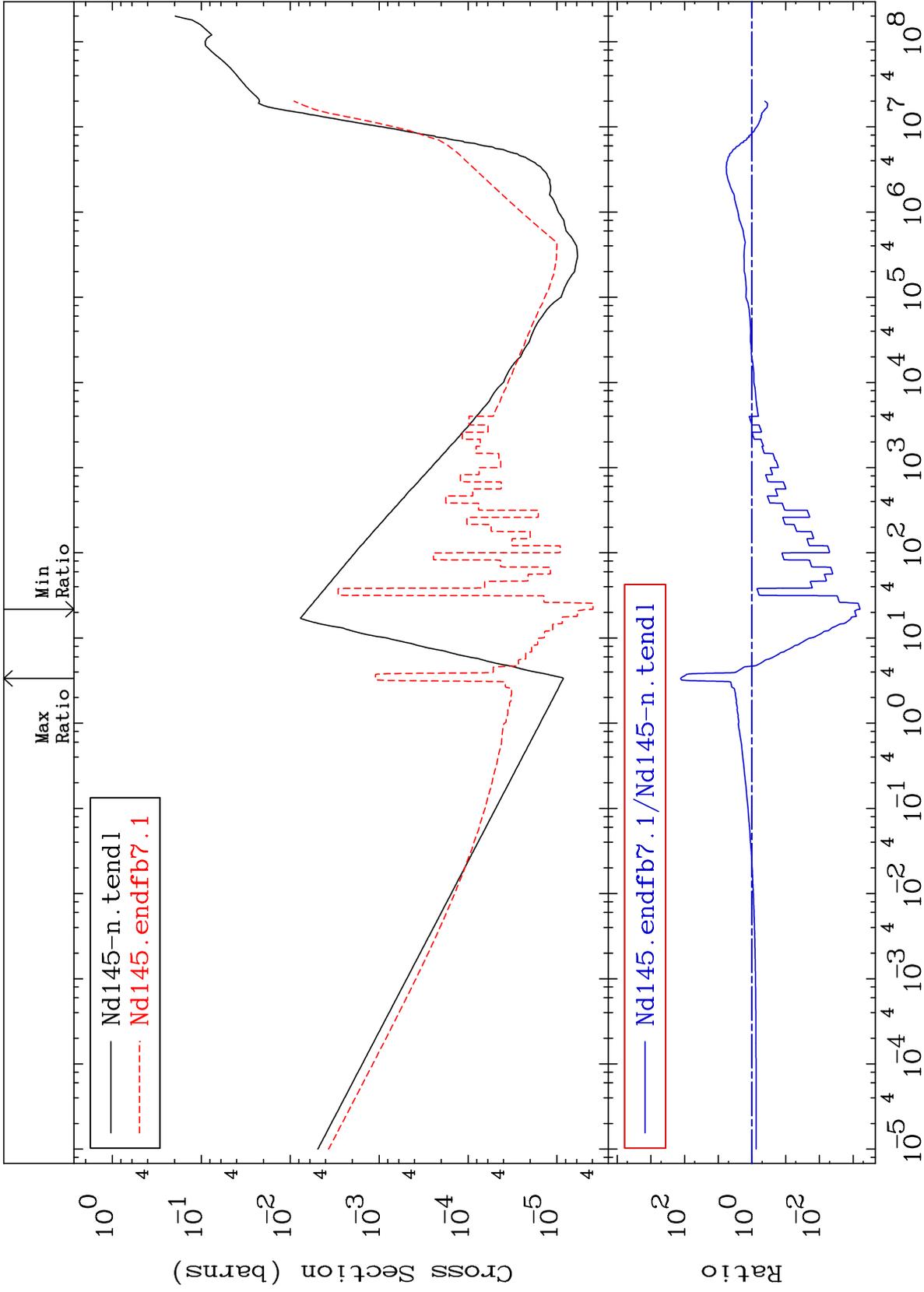




MAT 6034

He-4 Production
Cross Section

60-Nd-145
-99.94 To 9999. %



40

Incident Energy (eV)

60-Nd-145

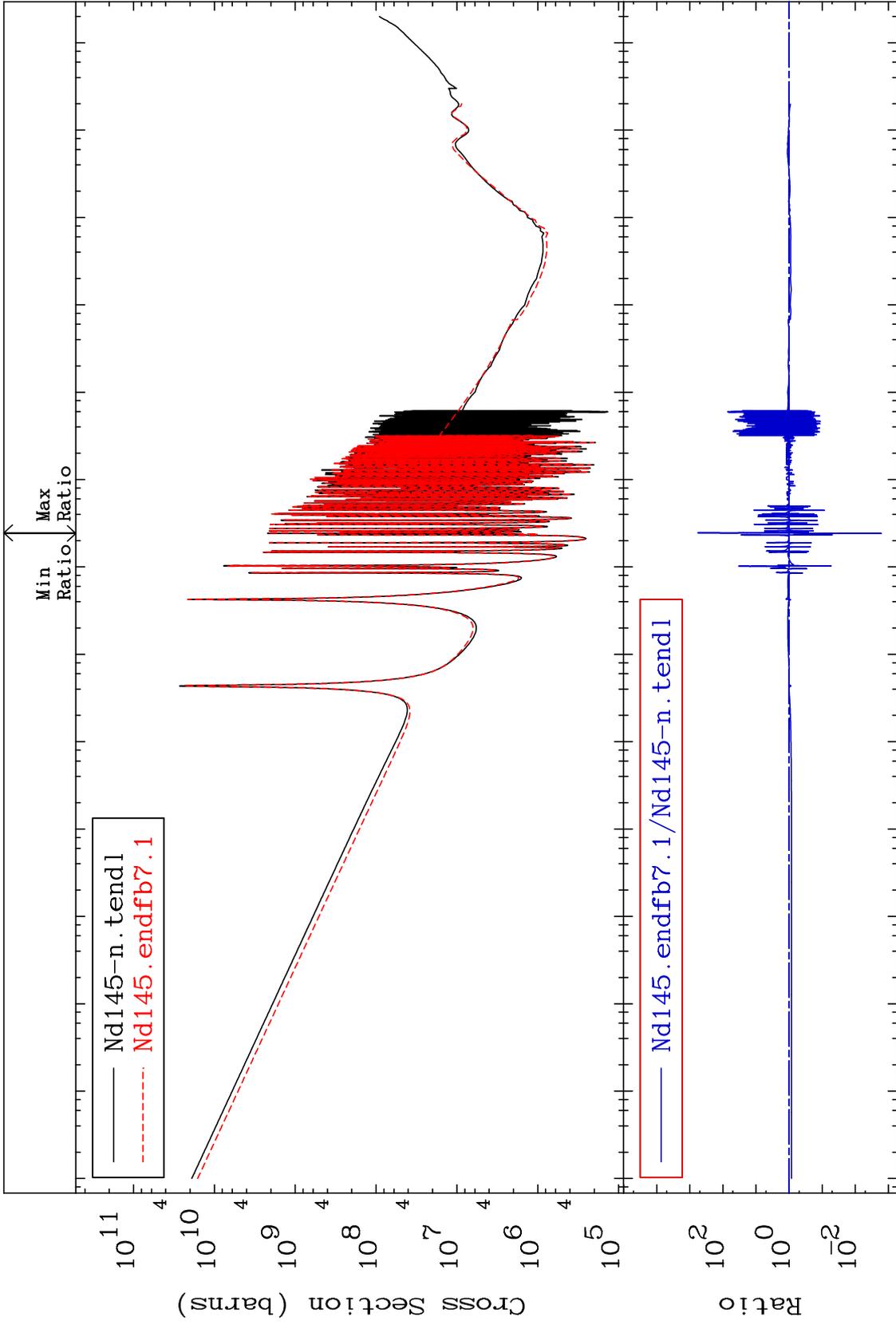
MAT 6034

Kerma total (eV-barns)

60-Nd-145

-99.84 To 9999. %

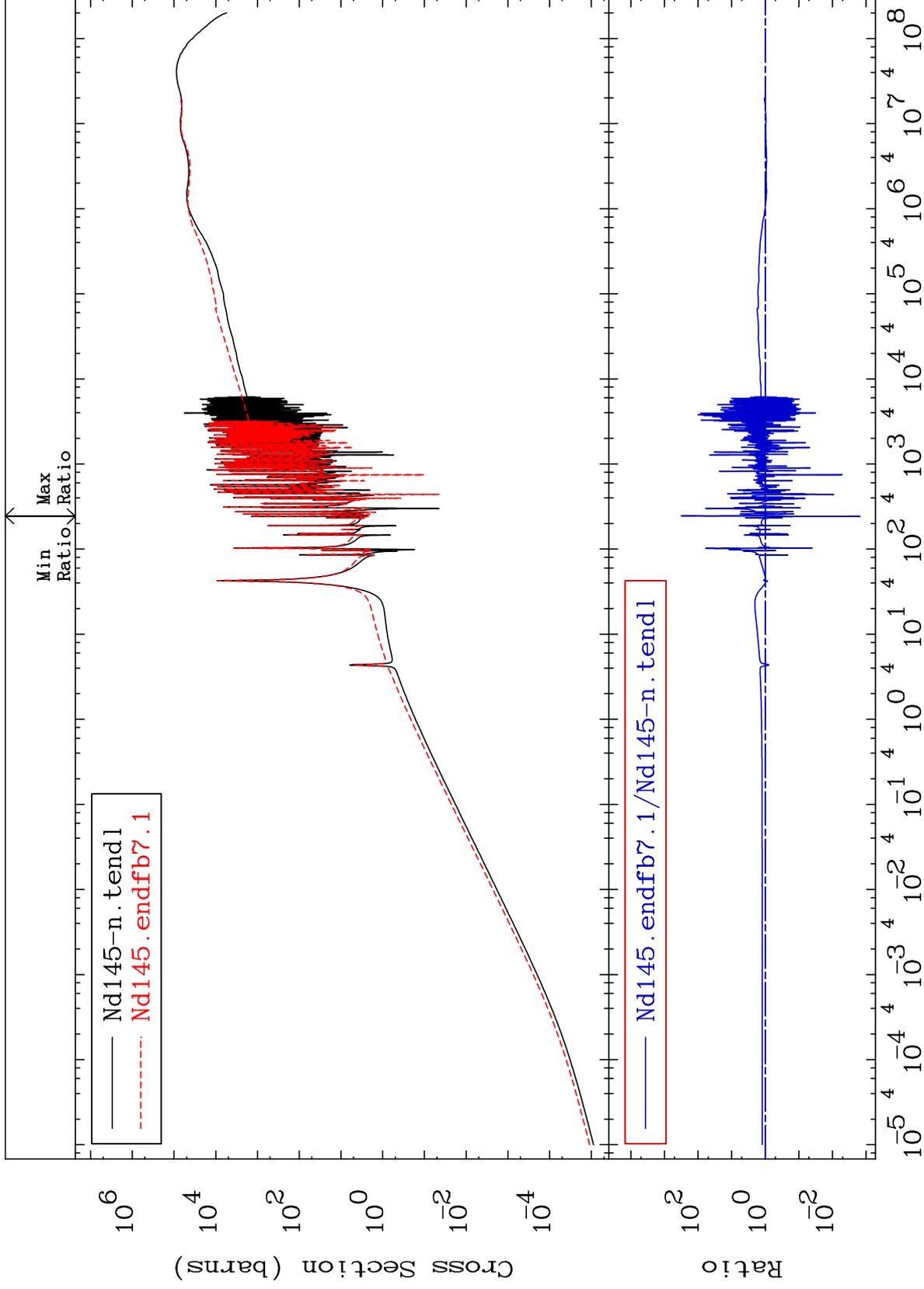
Cross Section

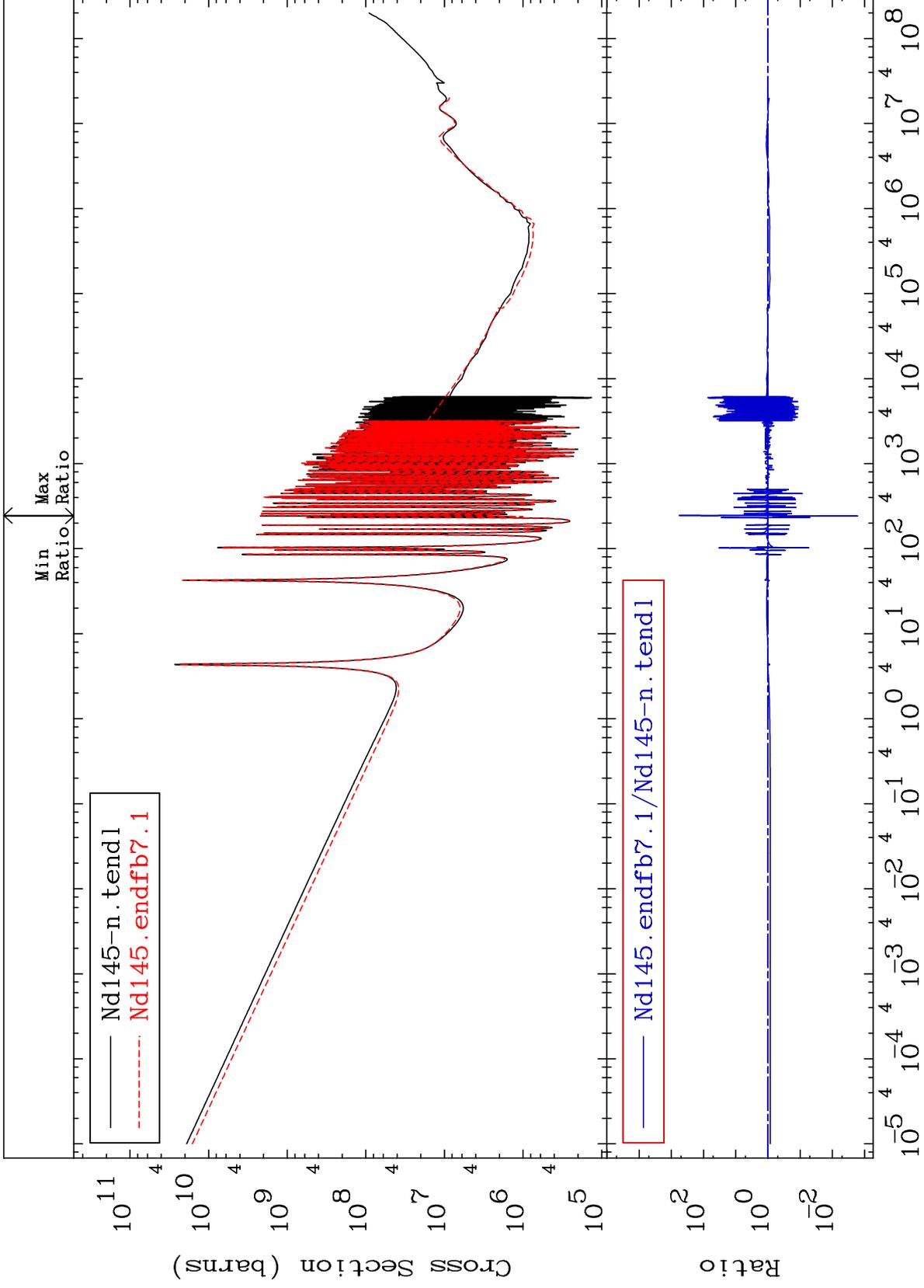


MAT 6034

Kerma elastic
Cross Section

60-Nd-145
-99.85 To 9999. %

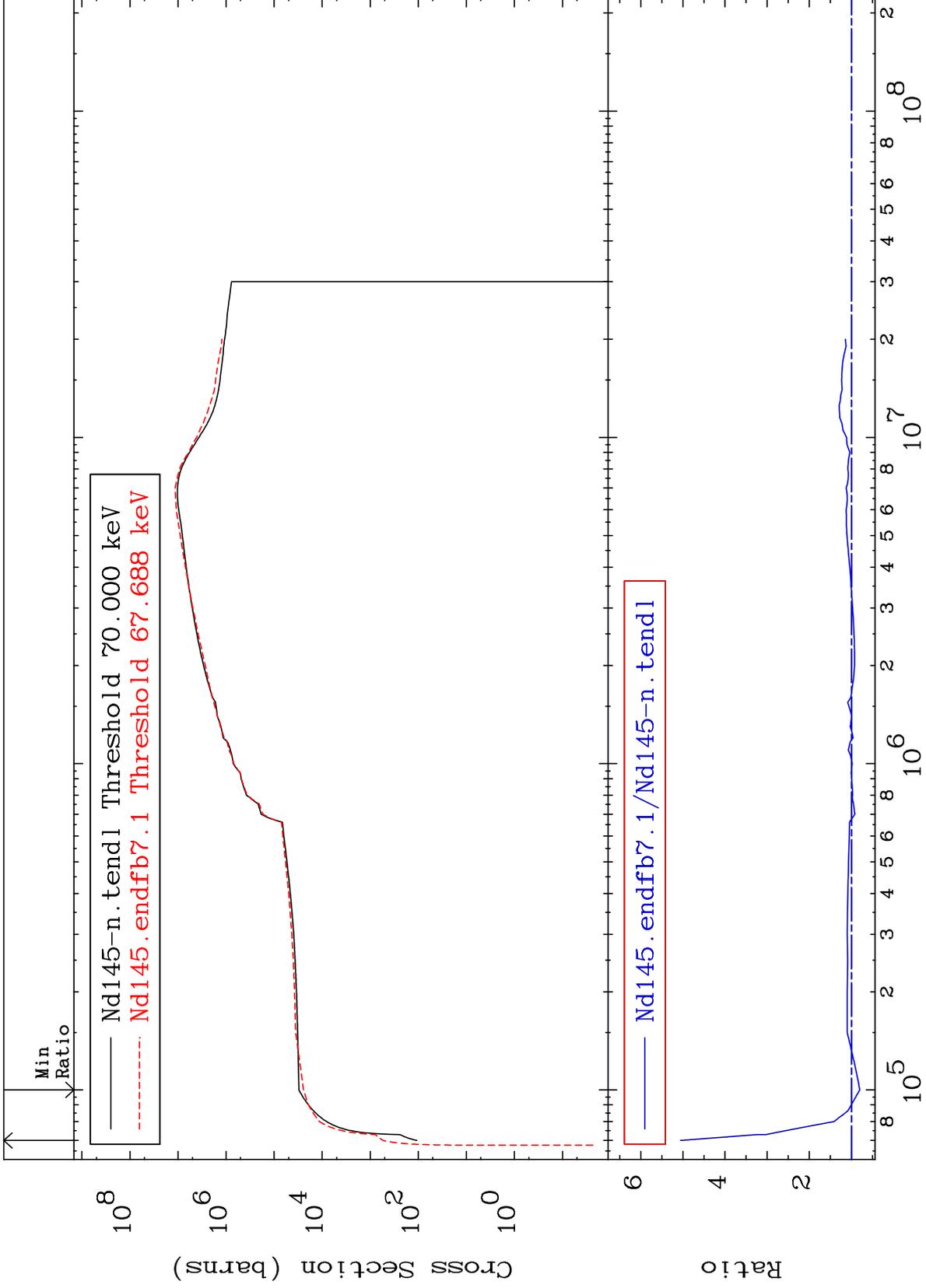




MAT 6034

Kerma inelastic (mt51-91)
Cross Section

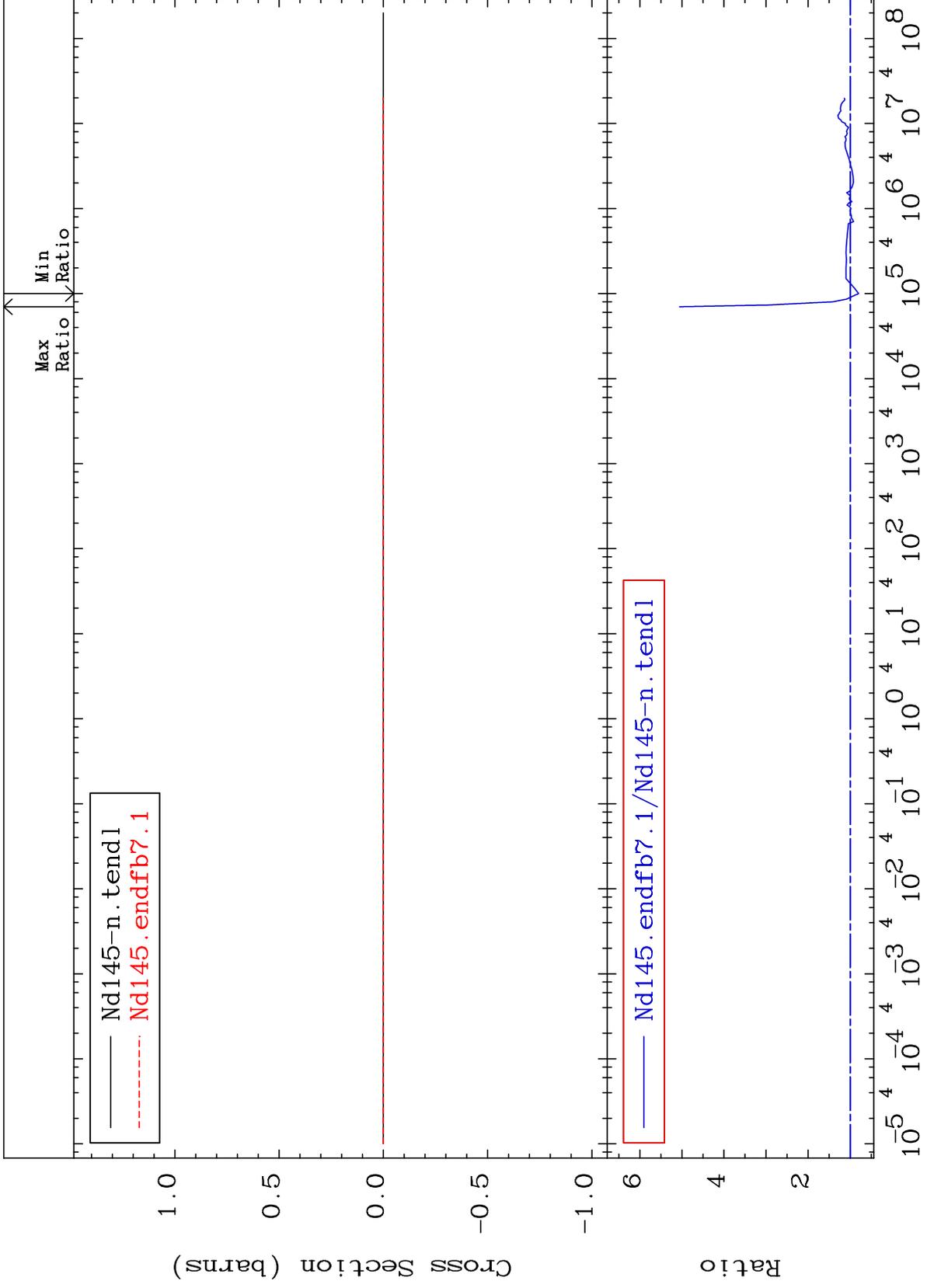
60-Nd-145
-20.00 To 405.7 %



MAT 6034

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

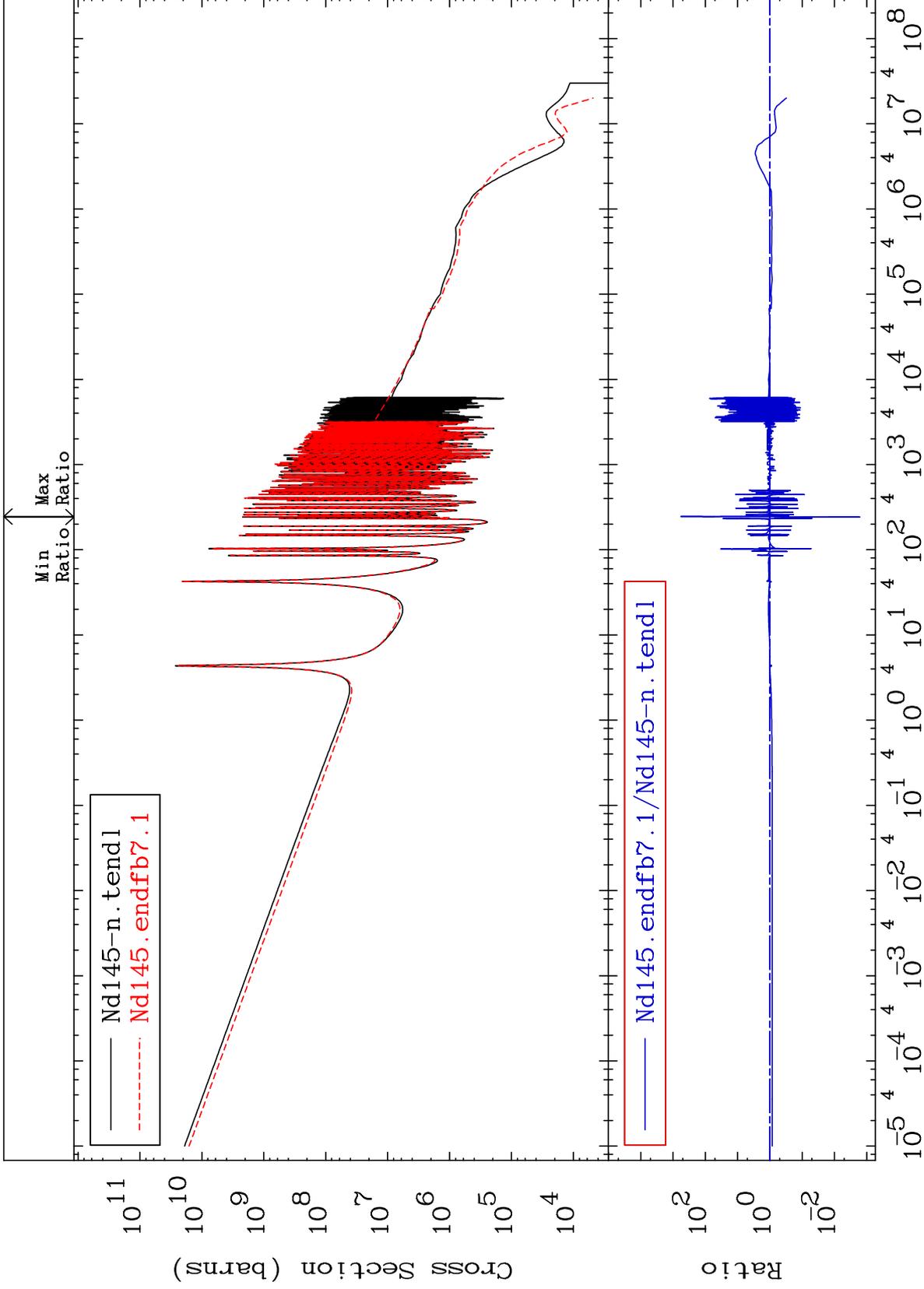
60-Nd-145
-20.00 To 405.7 %



MAT 6034

Kerma capture (mt102)
Cross Section

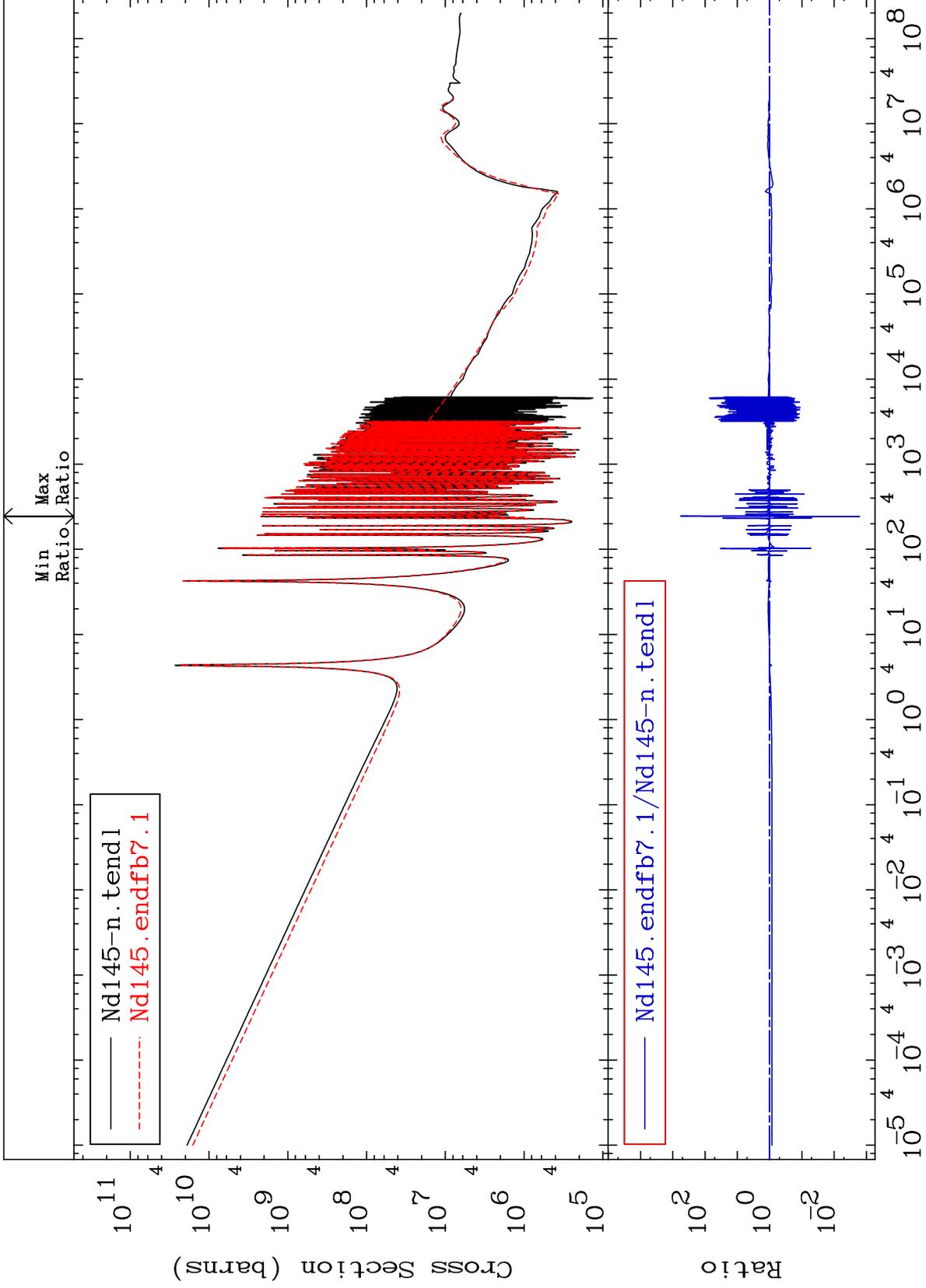
60-Nd-145
-99.84 To 9999. %

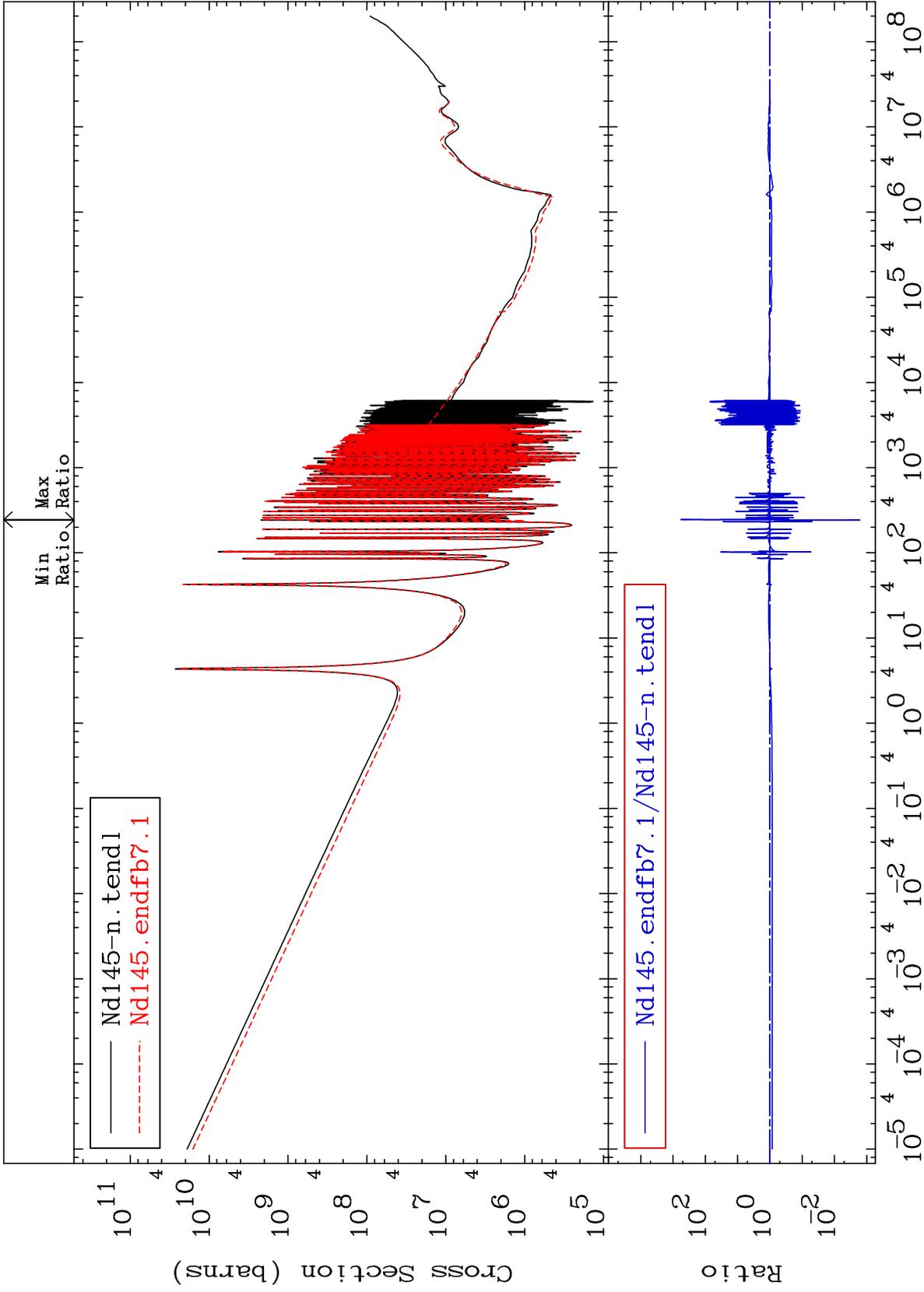


MAT 6034

Total photon (eV-barns)
Cross Section

60-Nd-145
-99.84 To 9999. %

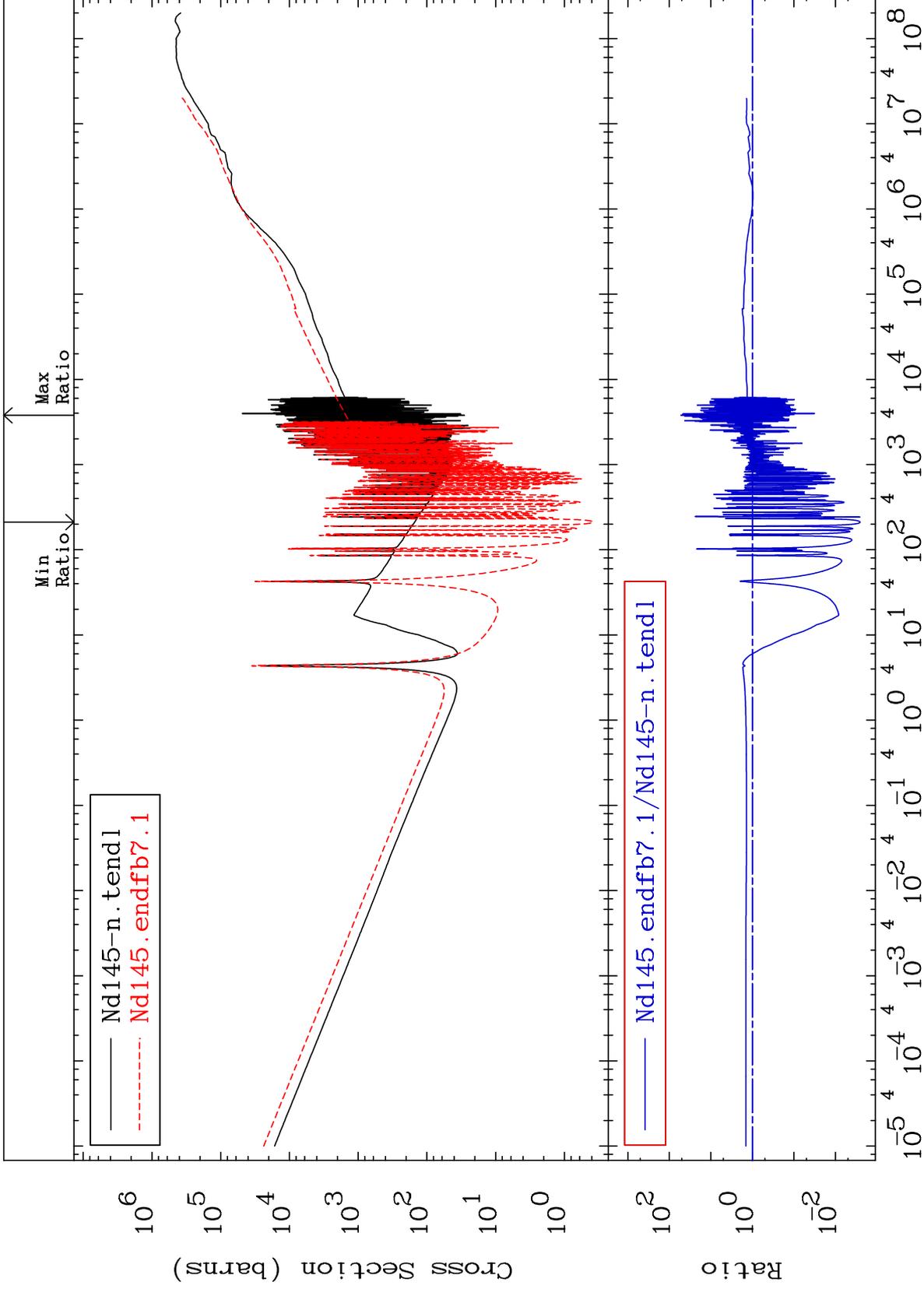




MAT 6034

Dpa total (eV-barns)
Cross Section

60-Nd-145
-99.75 To 5203. %



49

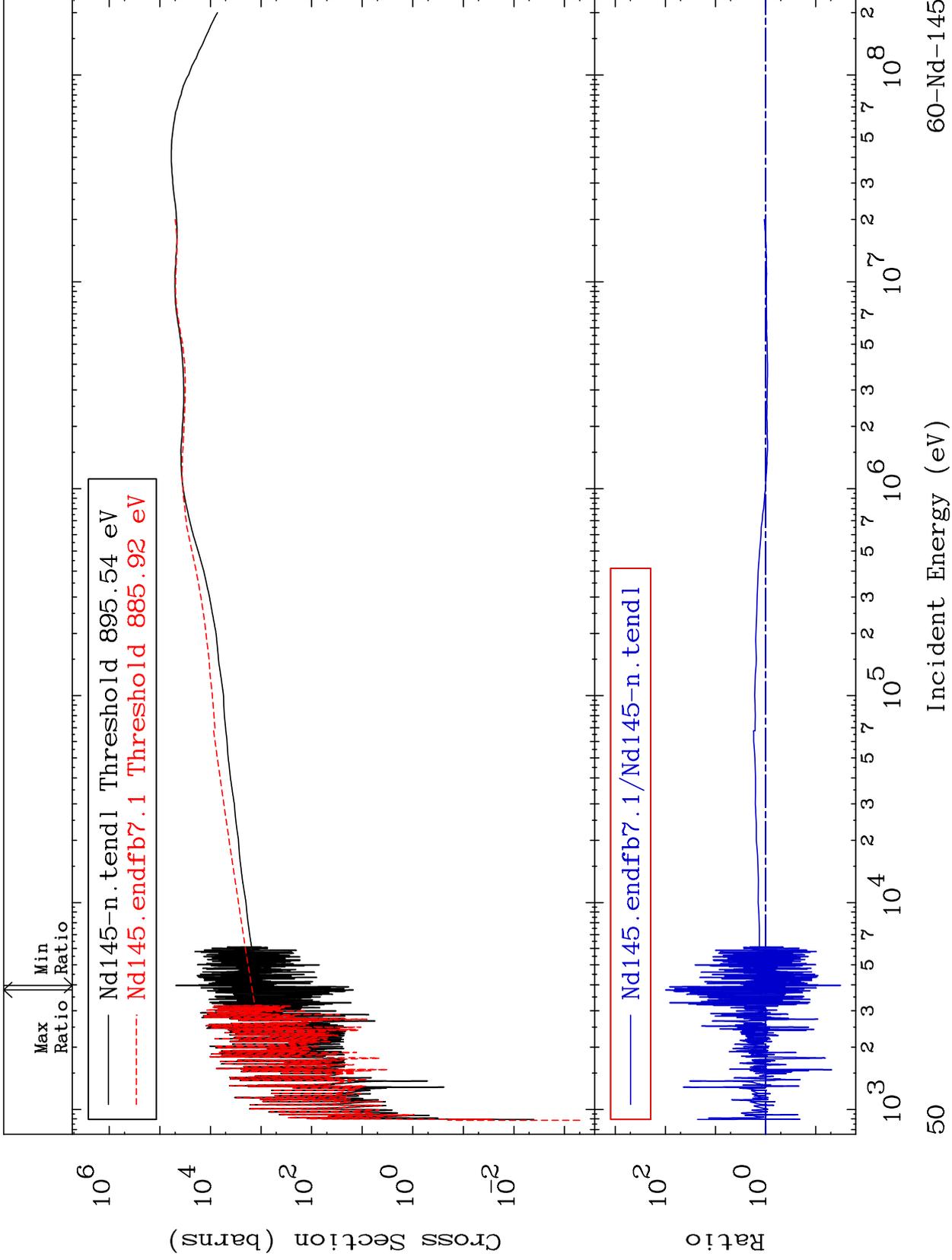
Incident Energy (eV)

60-Nd-145

MAT 6034

Dpa elastic (mt2)
Cross Section

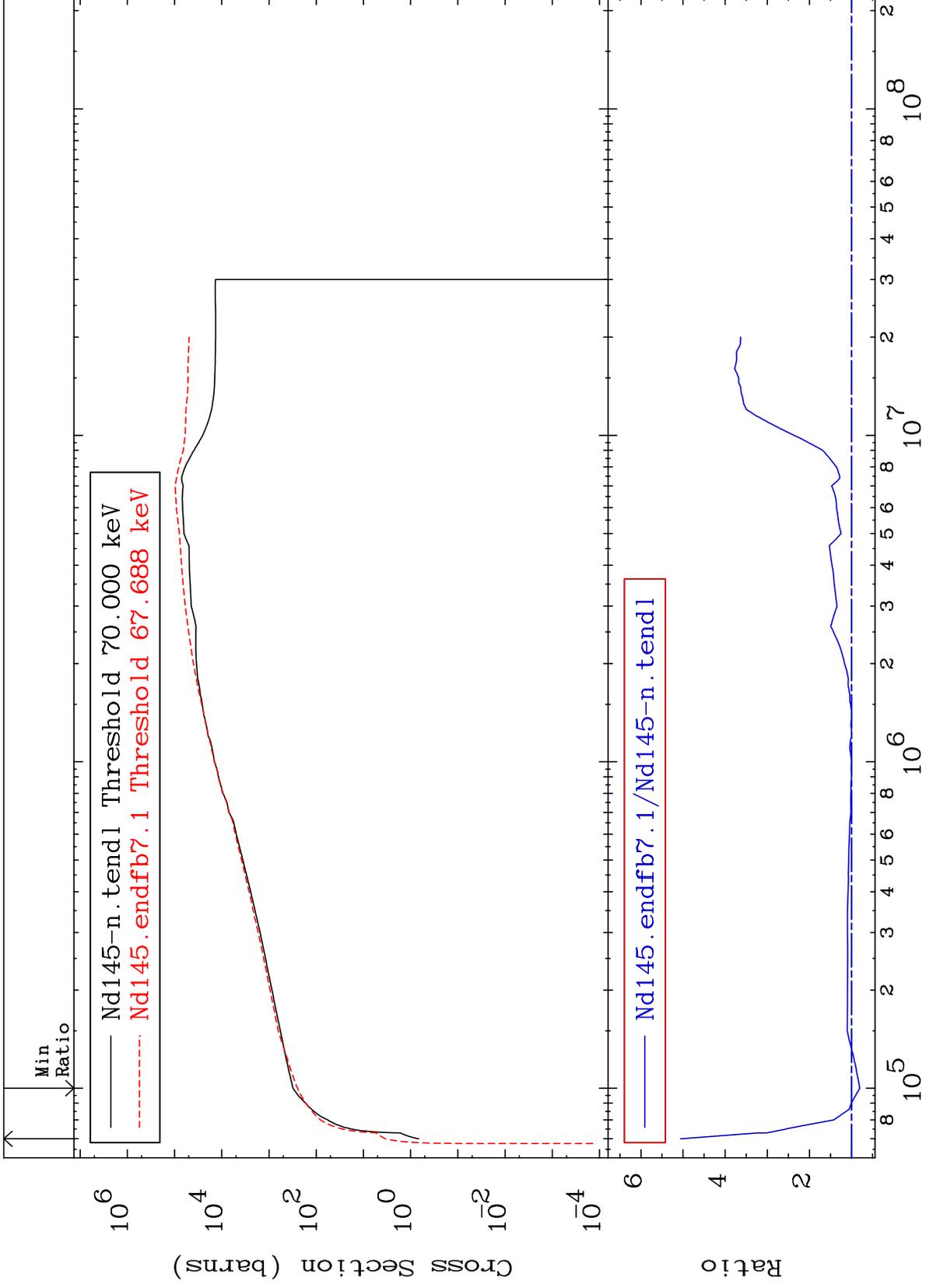
60-Nd-145
-96.83 To 9859. %



MAT 6034

Dpa inelastic (mt51-91)
Cross Section

60-Nd-145
-19.61 To 406.0 %



51

