

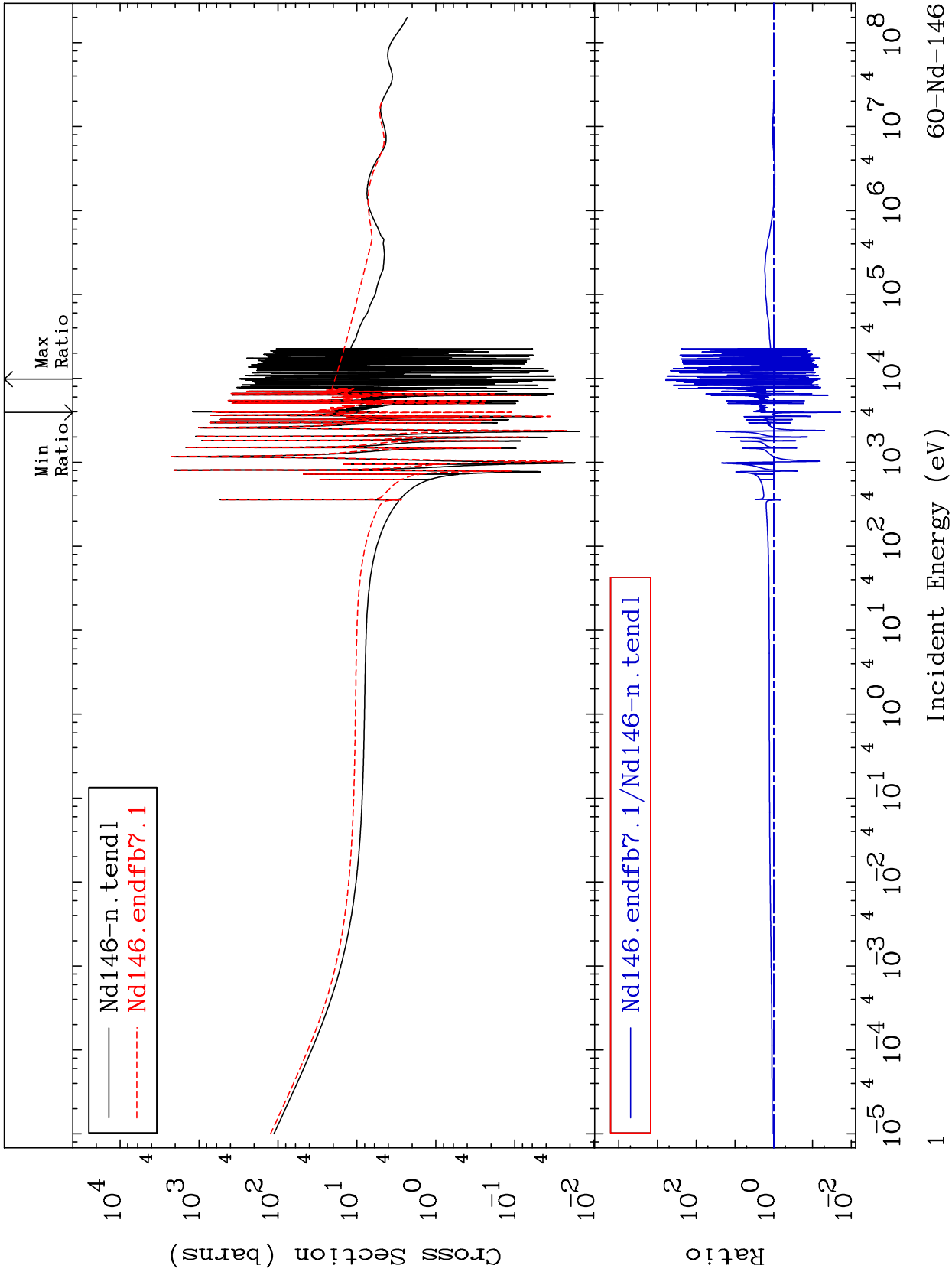
MAT 6037

Total

60-Nd-146

Cross Section

-98.12 To 9999. %



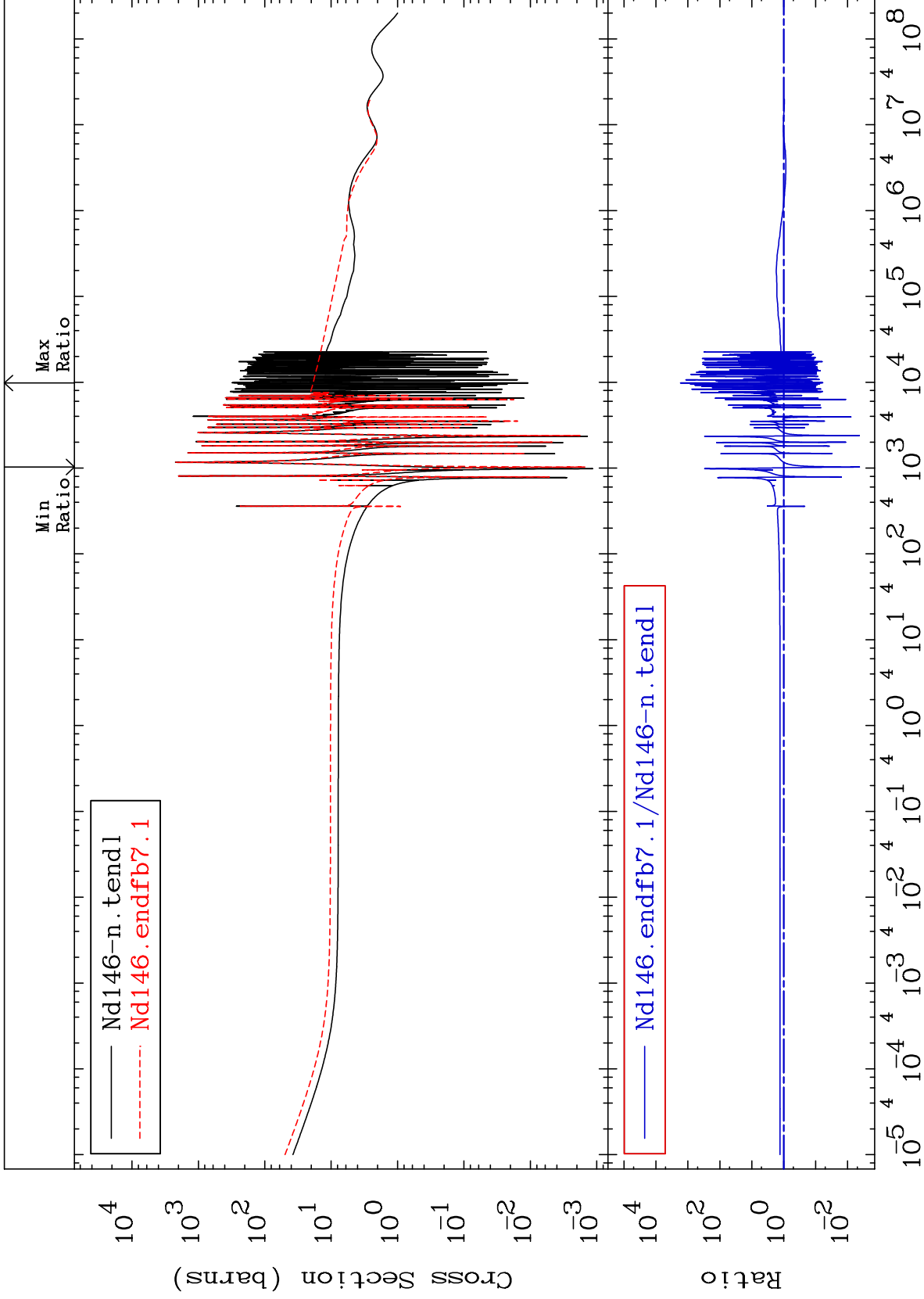
Incident Energy (eV)

60-Nd-146

MAT 6037

Elastic
Cross Section

60-Nd-146
-99.57 To 9999. %



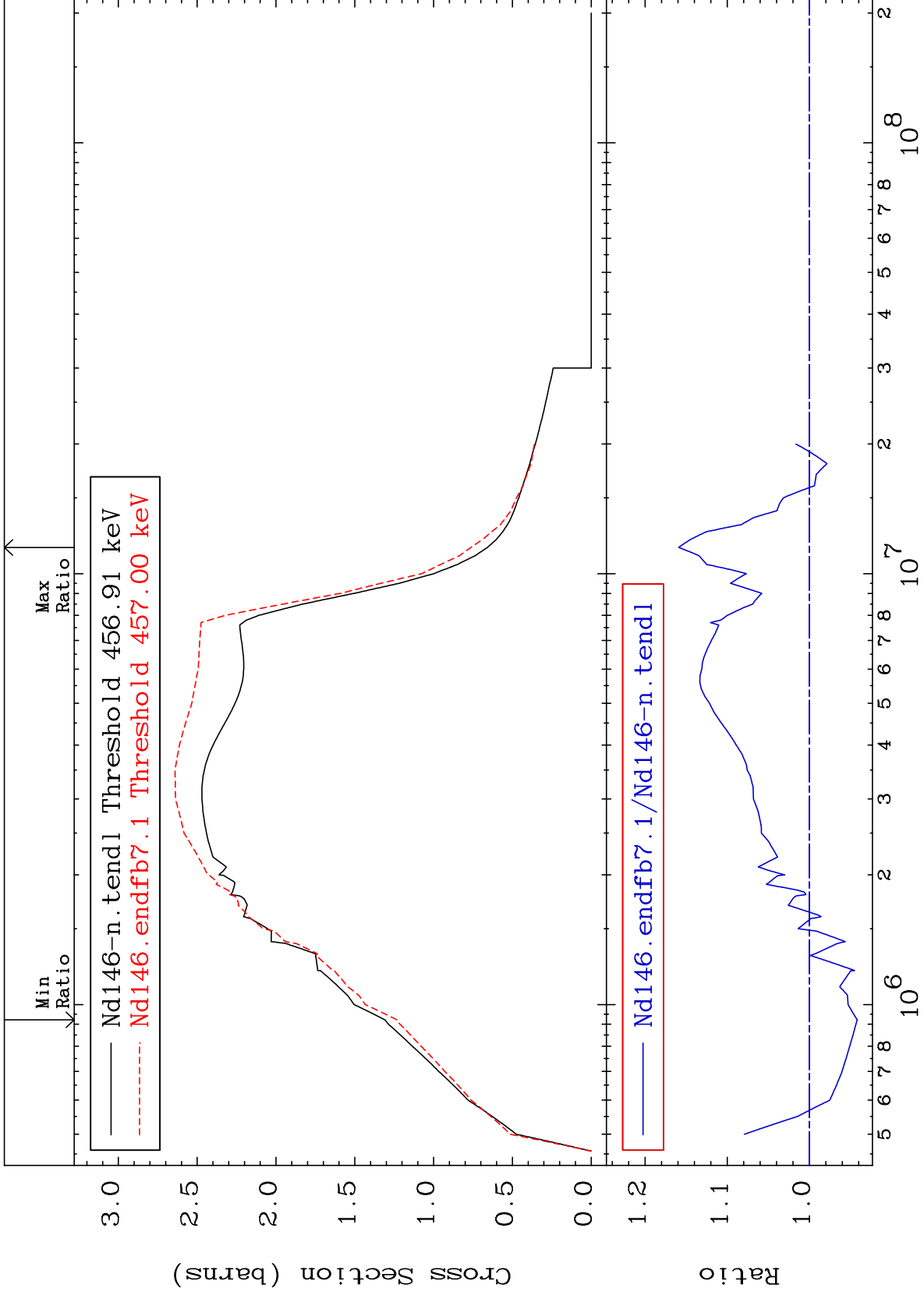
2

Incident Energy (eV)

60-Nd-146

MAT 6037

Inelastic Cross Section
60-Nd-146
-5.830 To 15.91 %



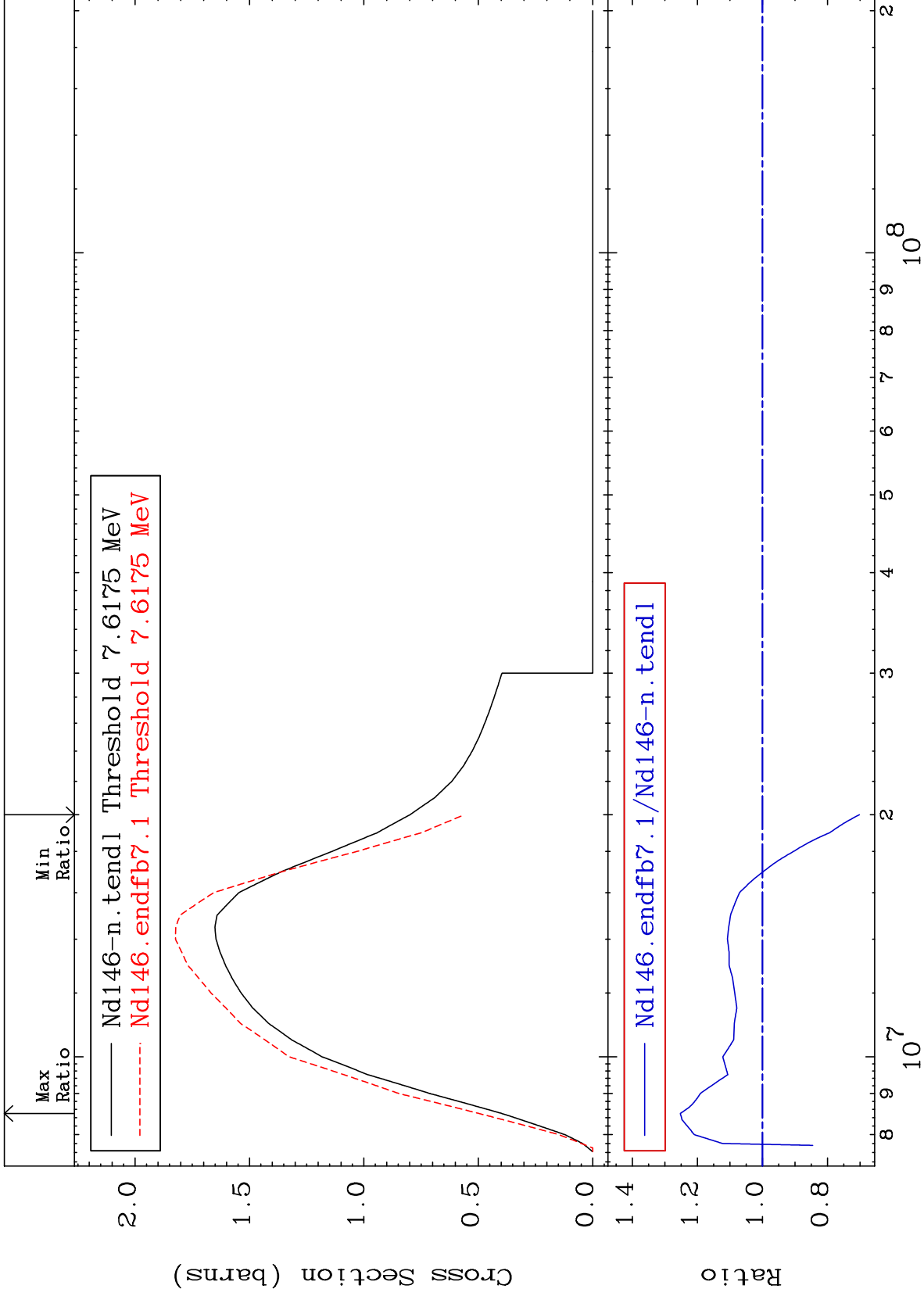
MAT 6037

(n,2n)

60-Nd-146

Cross Section

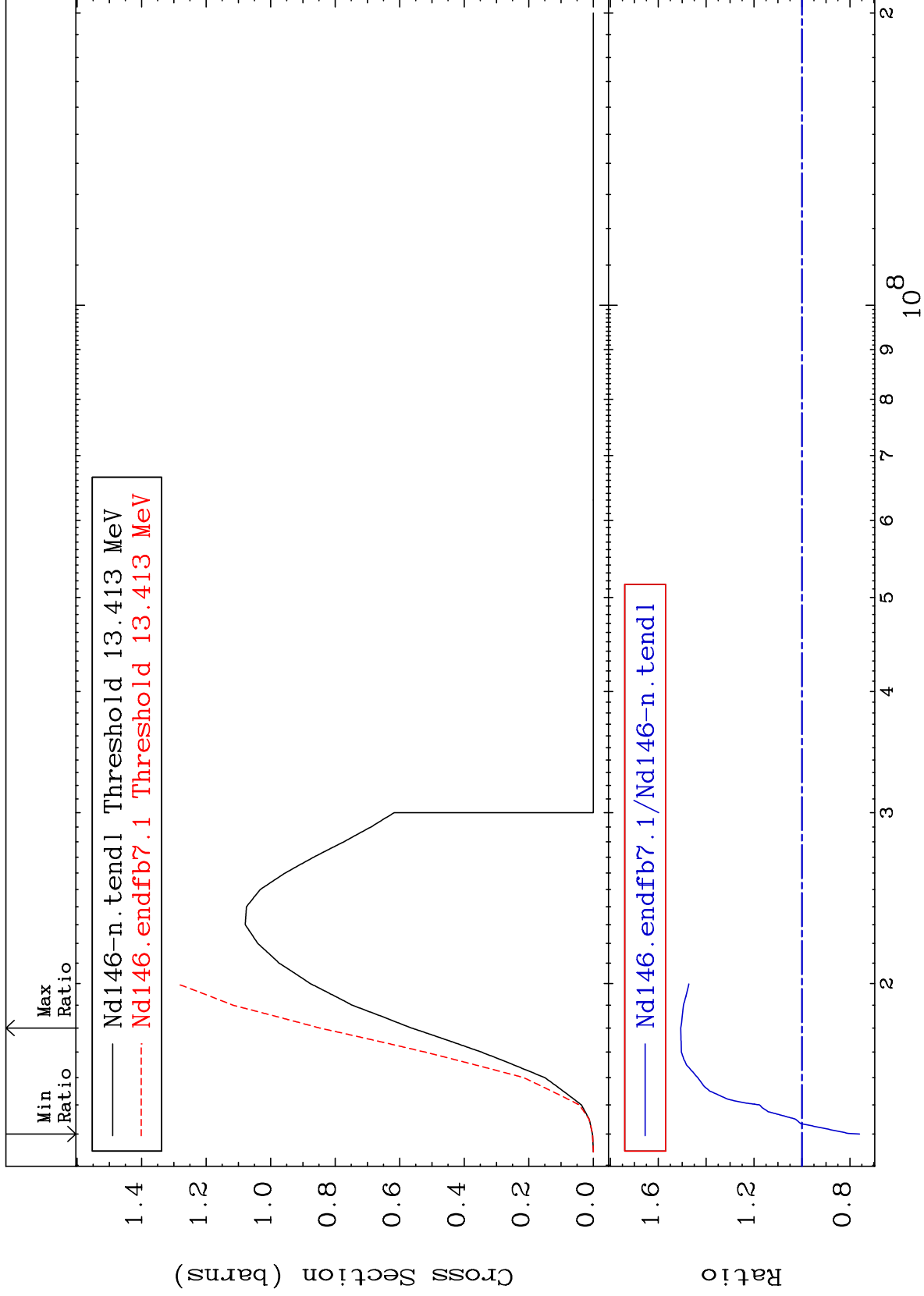
-29.78 To 25.25 %



4

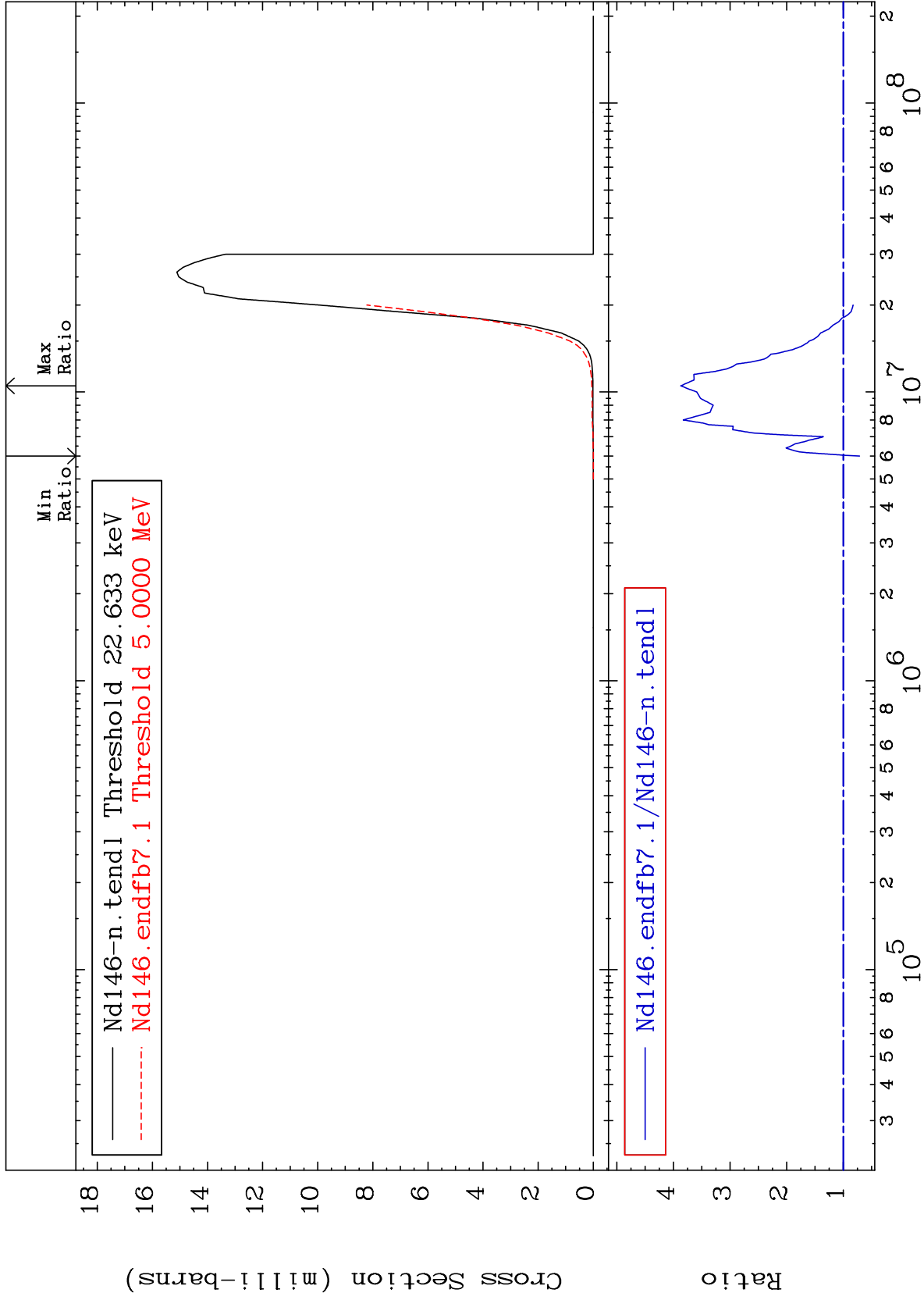
Incident Energy (eV)

60-Nd-146



MAT 6037

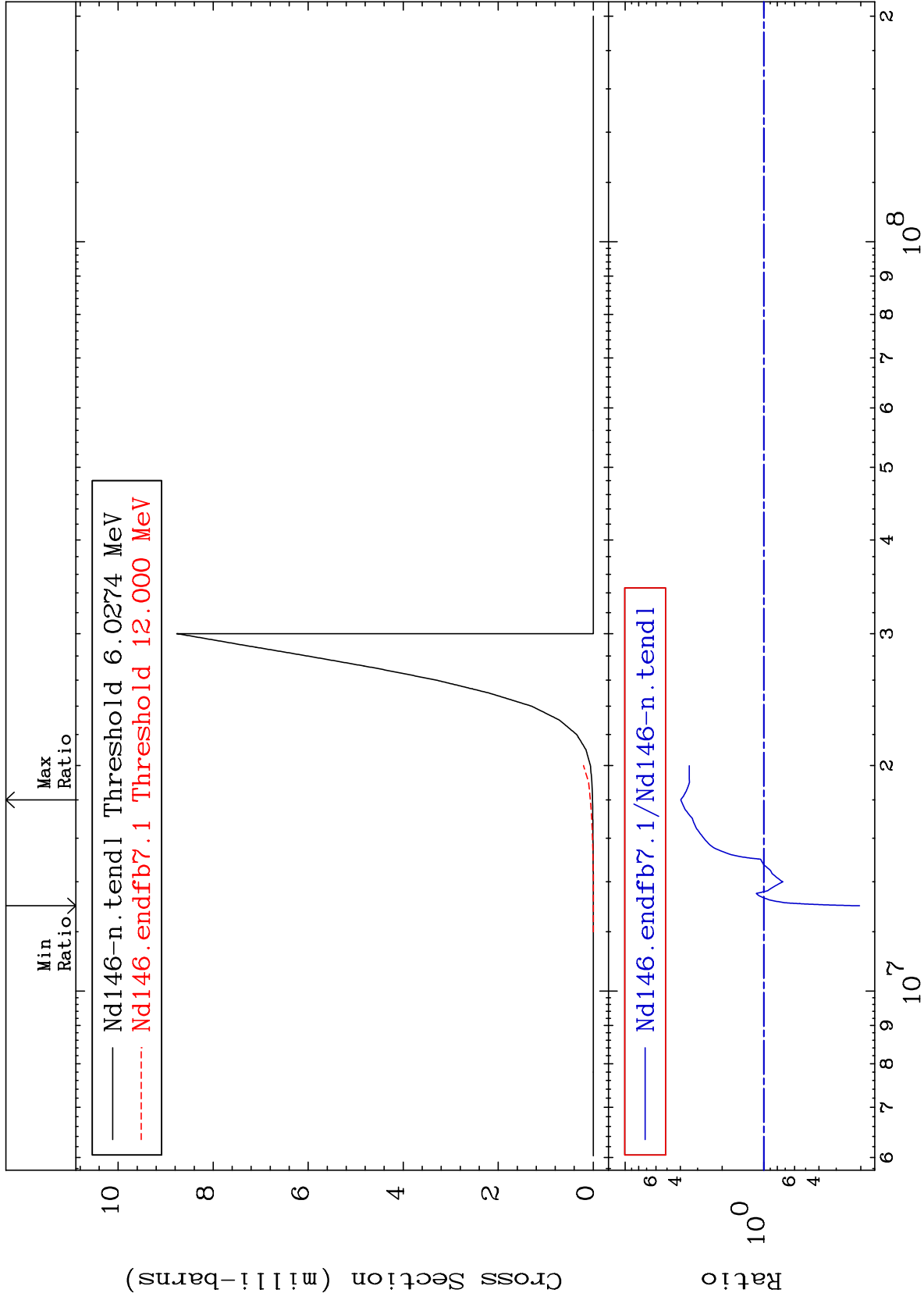
$(n, n') \alpha$
Cross Section
60-Nd-146
-28.84 To 287.0 %



MAT 6037

(n,2n) α
Cross Section

60-Nd-146
-79.61 To 297.1 %



7

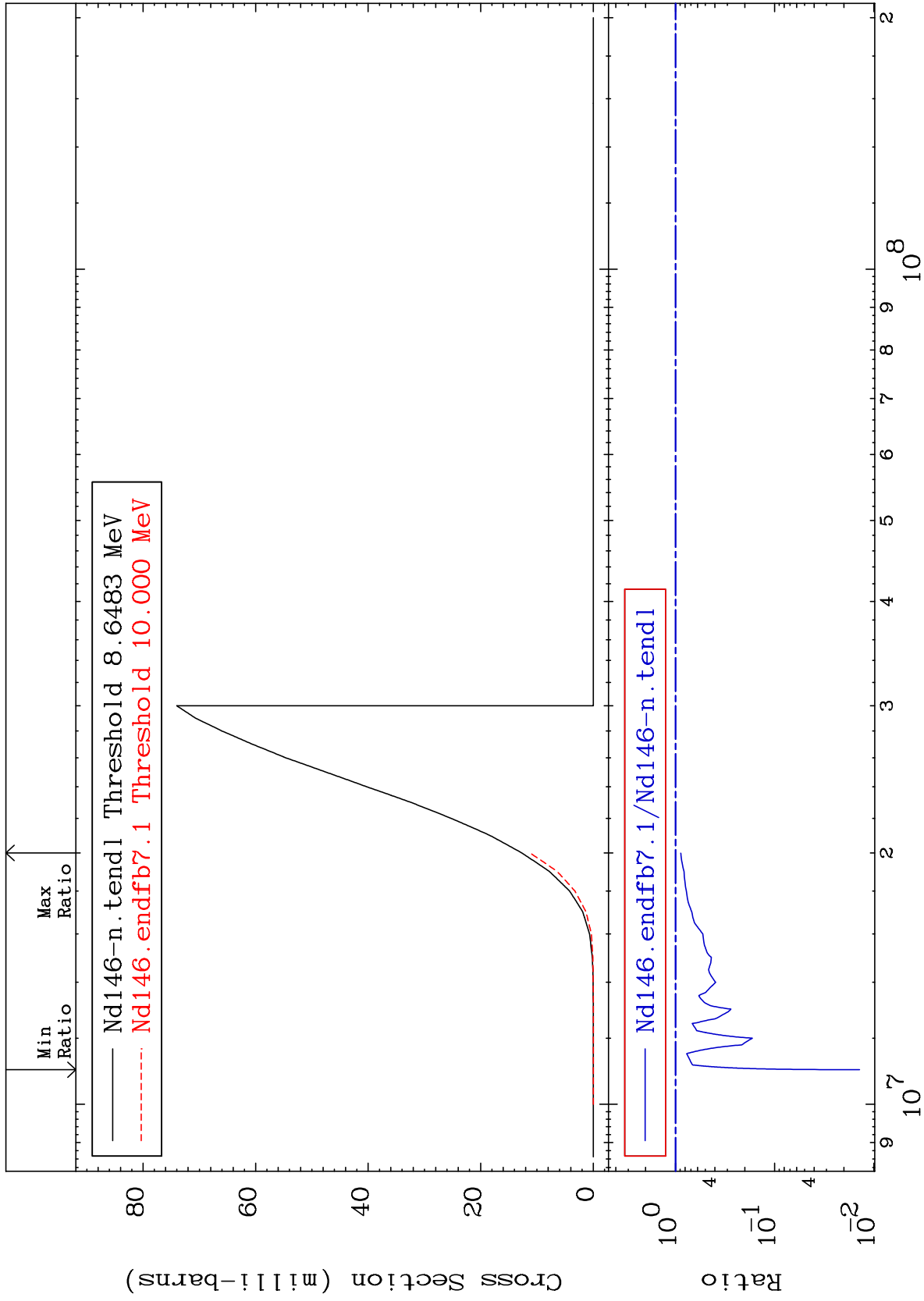
Incident Energy (eV)

60-Nd-146

MAT 6037

(n, n') p
Cross Section

60-Nd-146
-98.61 To -11.55%



8

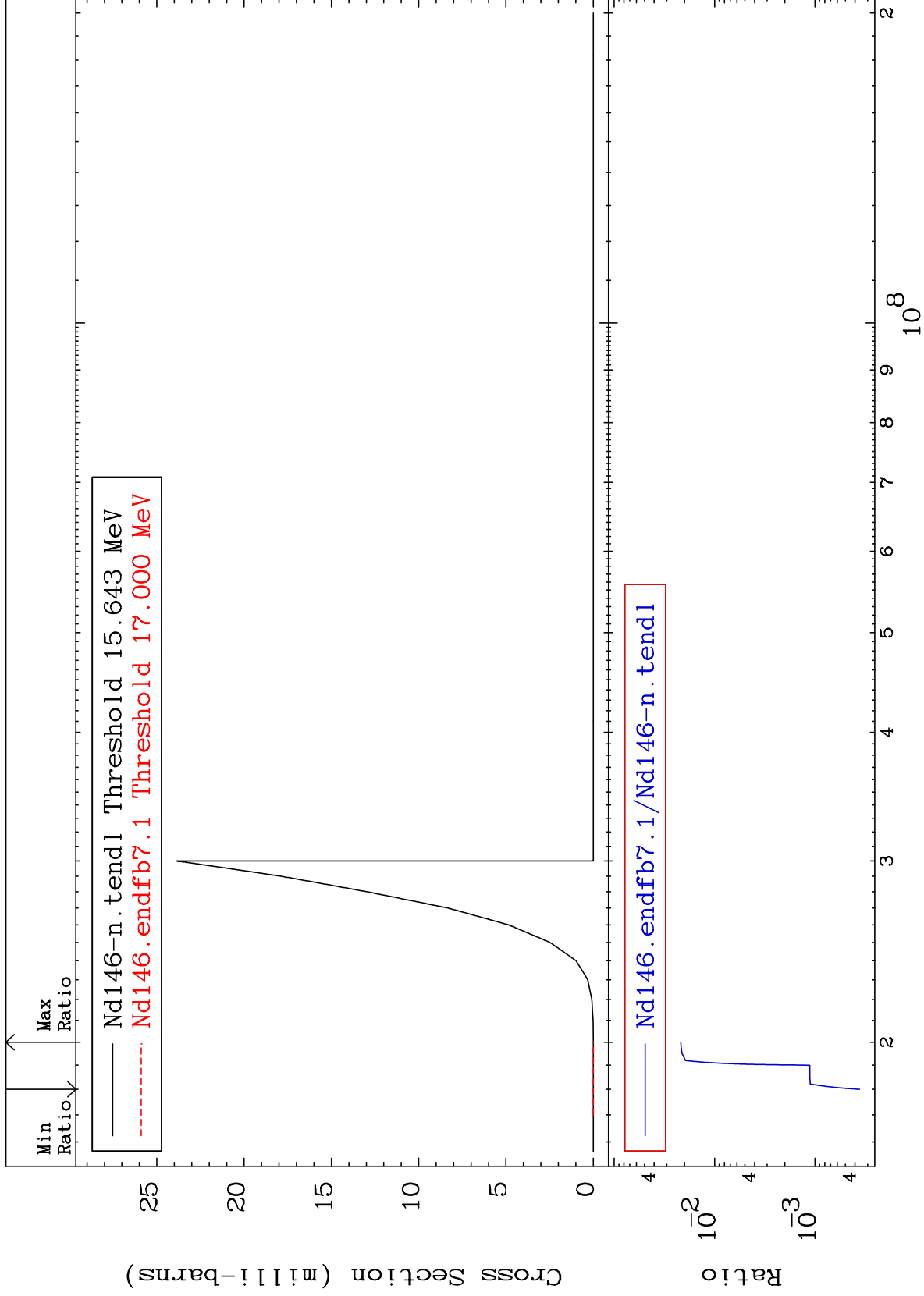
Incident Energy (eV)

60-Nd-146

MAT 6037

(n,2n) p
Cross Section

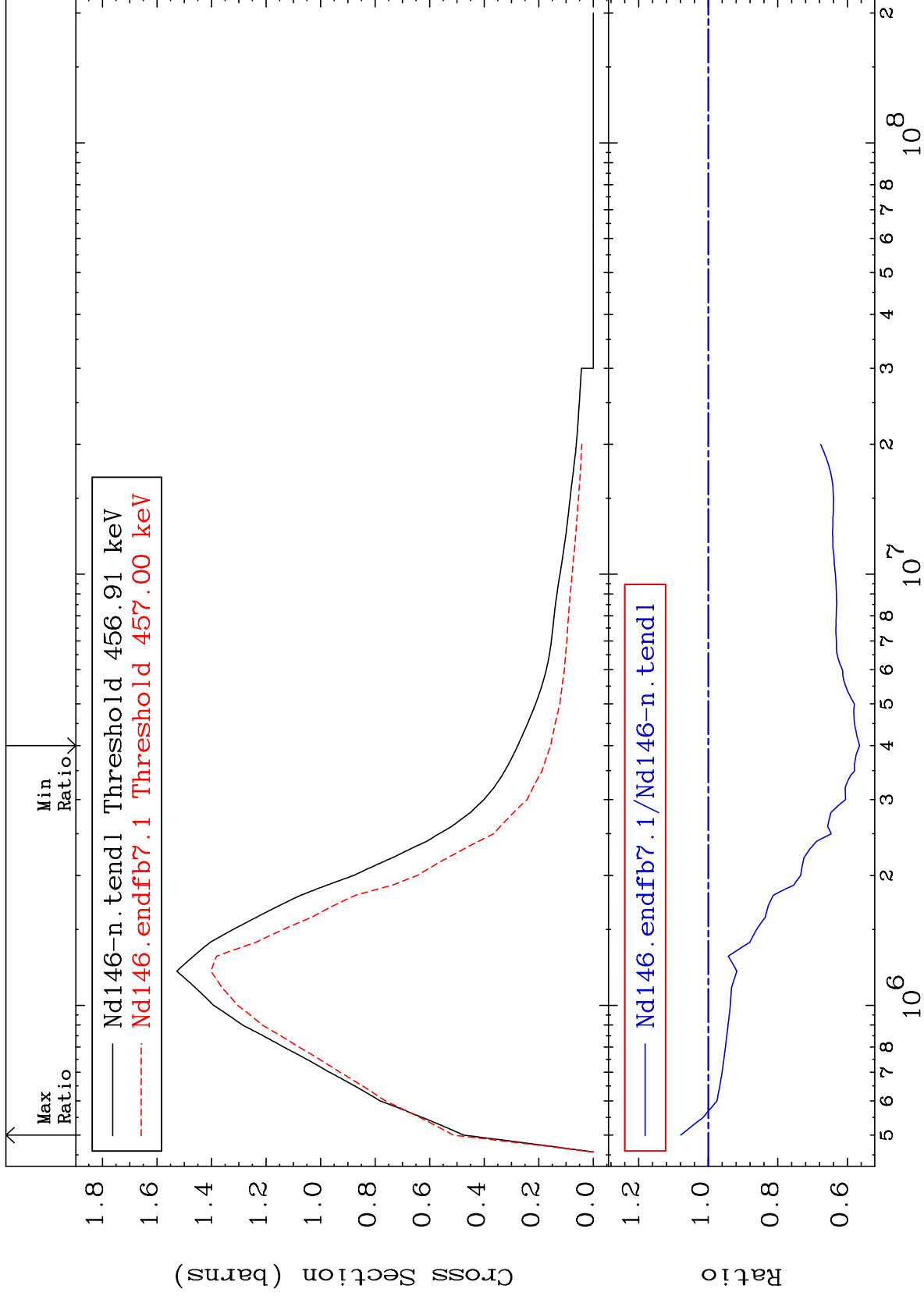
60-Nd-146
-99.96 To -97.83%



MAT 6037

453.8 keV (n,n') Level
Cross Section

60-Nd-146
-43.49 To 7.908 %



10

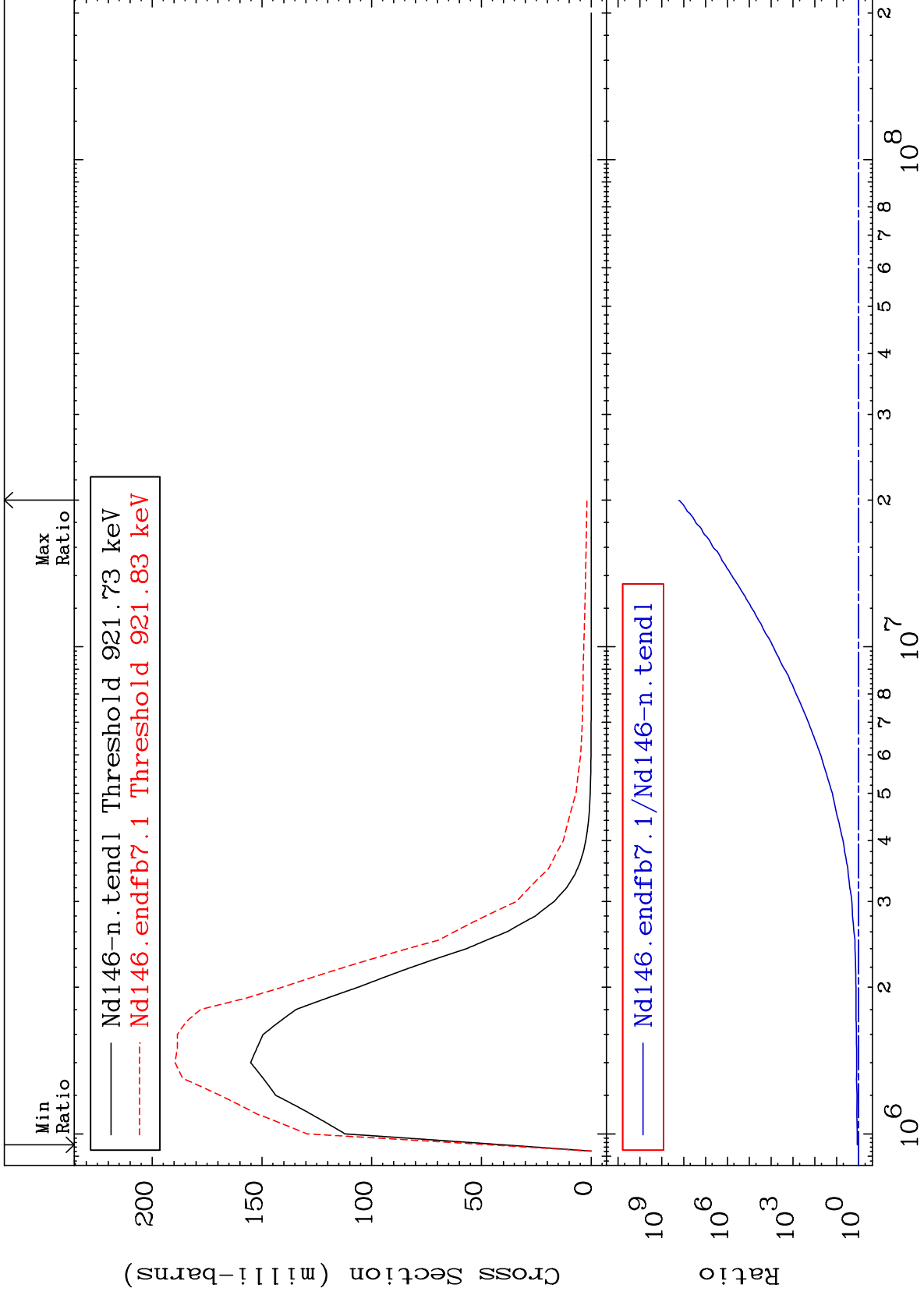
Incident Energy (eV)

60-Nd-146

MAT 6037

915.4 keV (n,n') Level
Cross Section

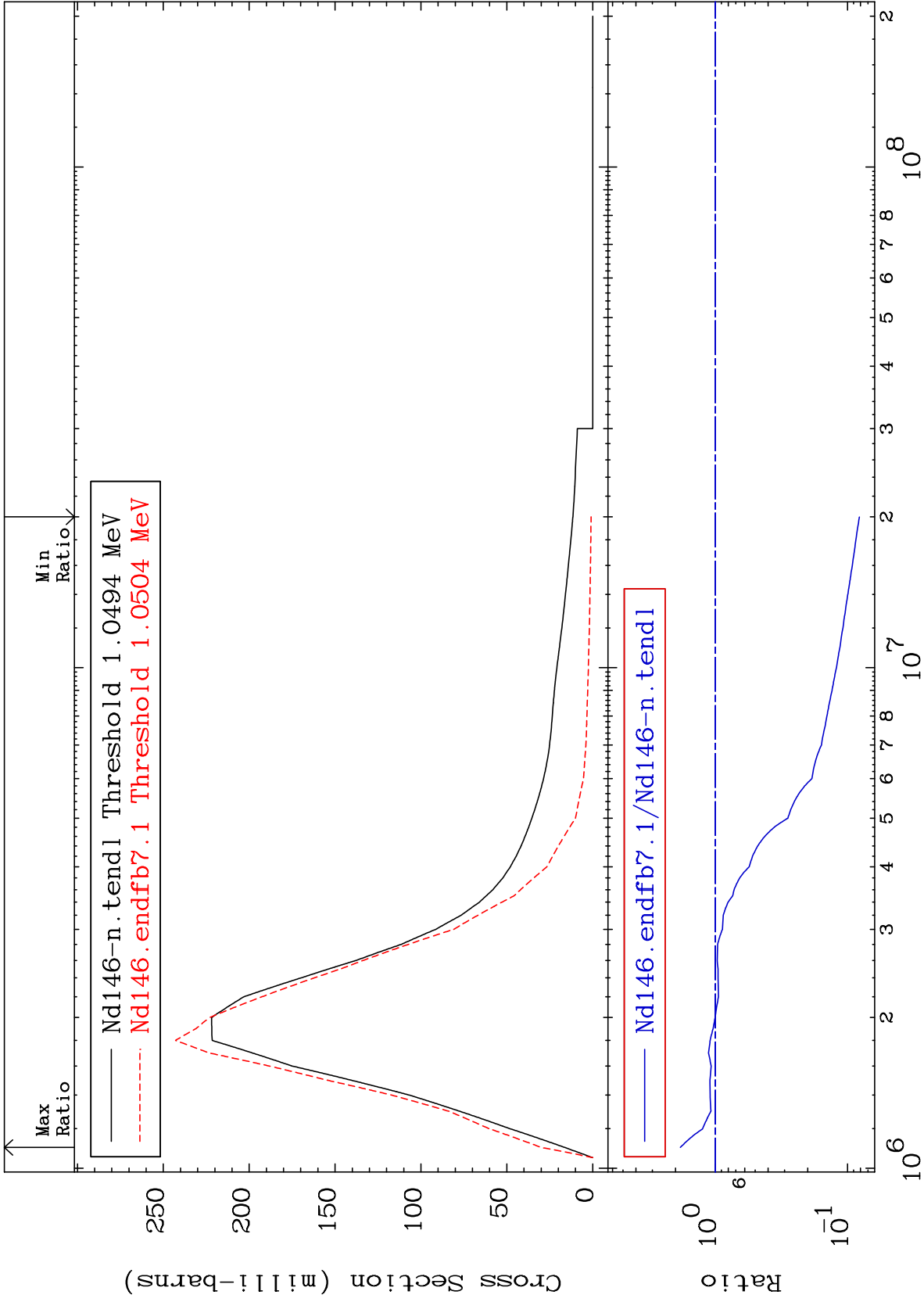
60-Nd-146
15.17 To 9999. %



MAT 6037

1.042 MeV (n,n') Level
Cross Section

60-Nd-146
-91.86 To 84.13 %



12

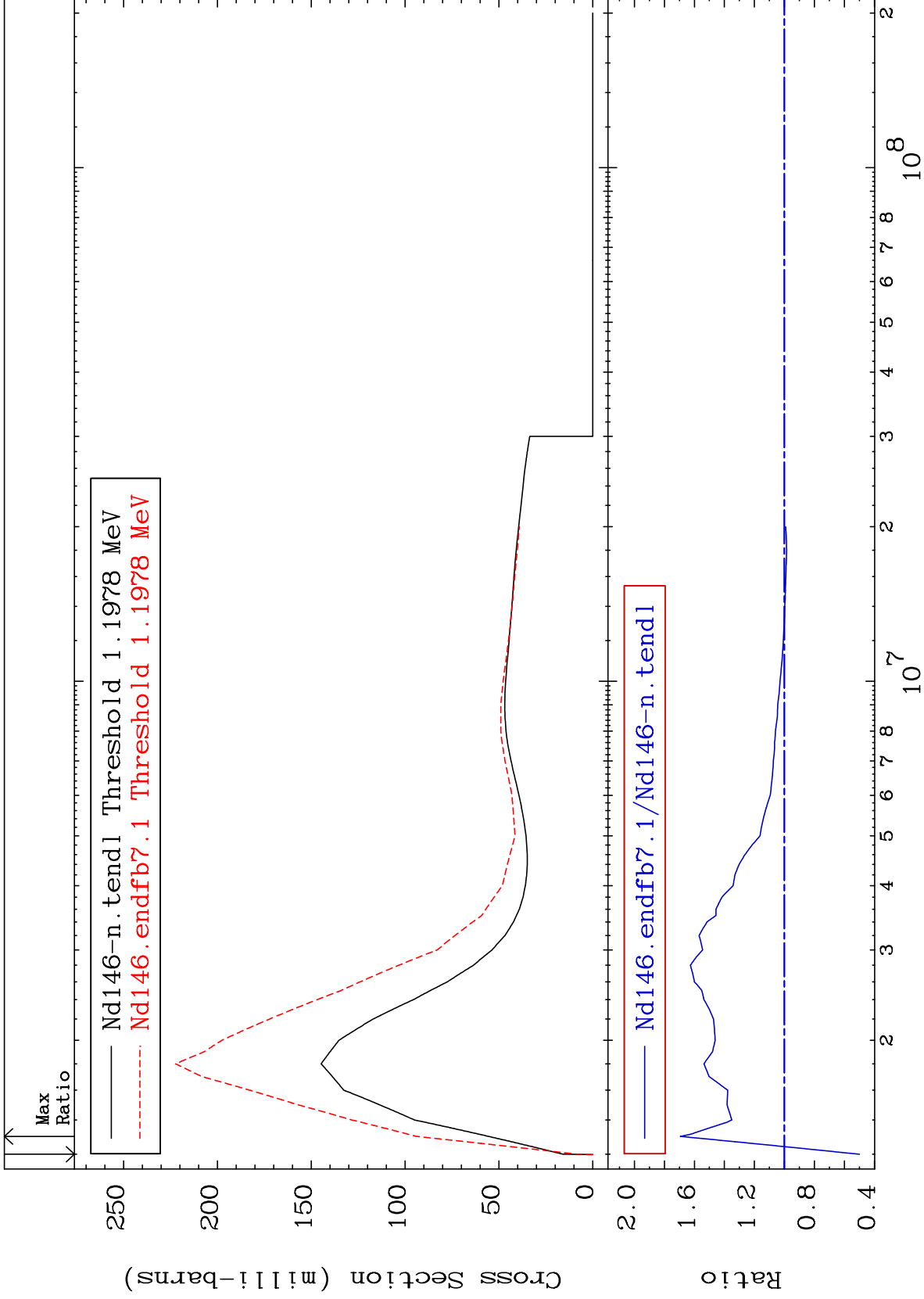
Incident Energy (eV)

60-Nd-146

MAT 6037

1.190 MeV (n,n') Level
Cross Section

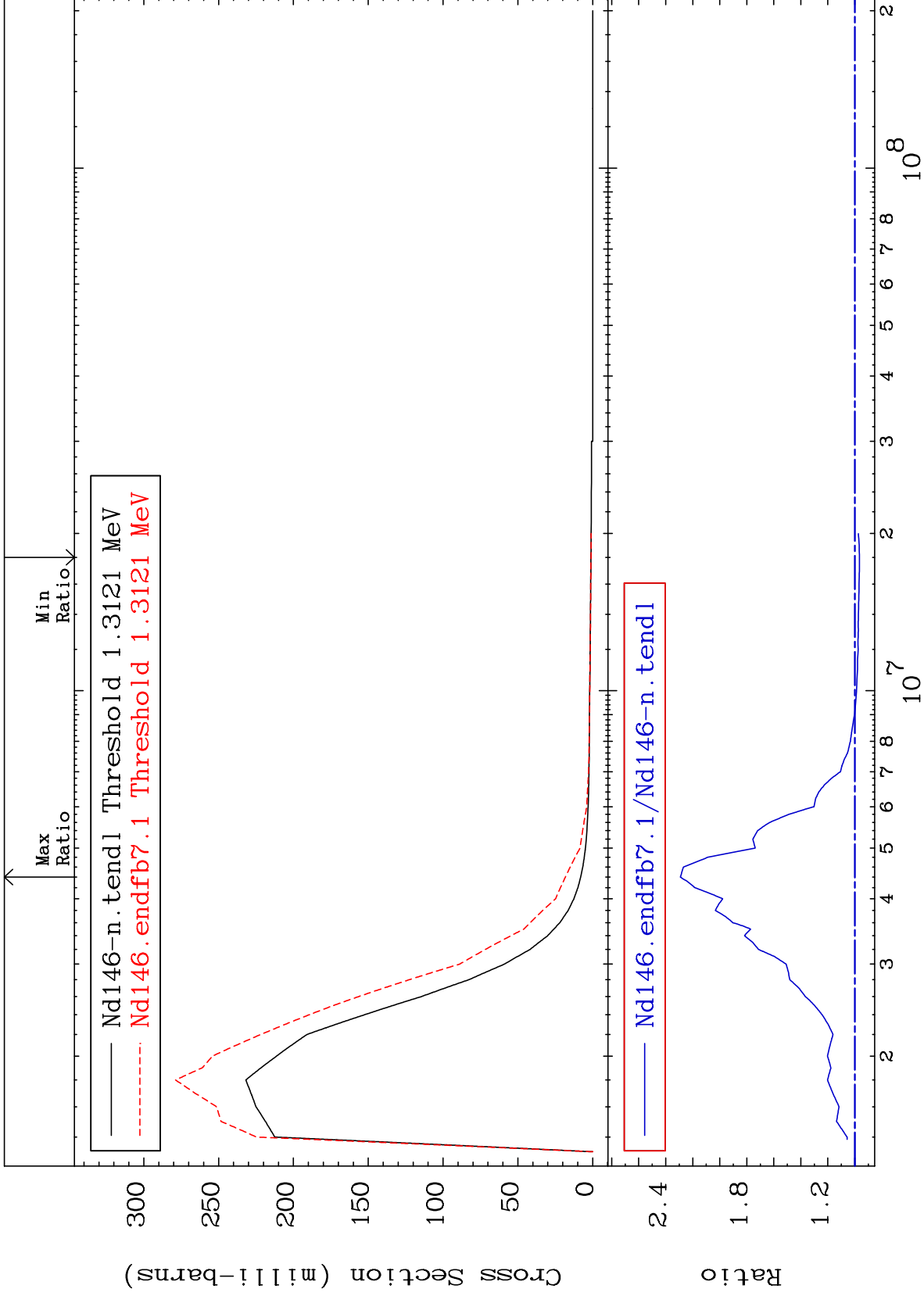
60-Nd-146
-50.00 To 69.35 %



MAT 6037

1.303 MeV (n,n') Level
Cross Section

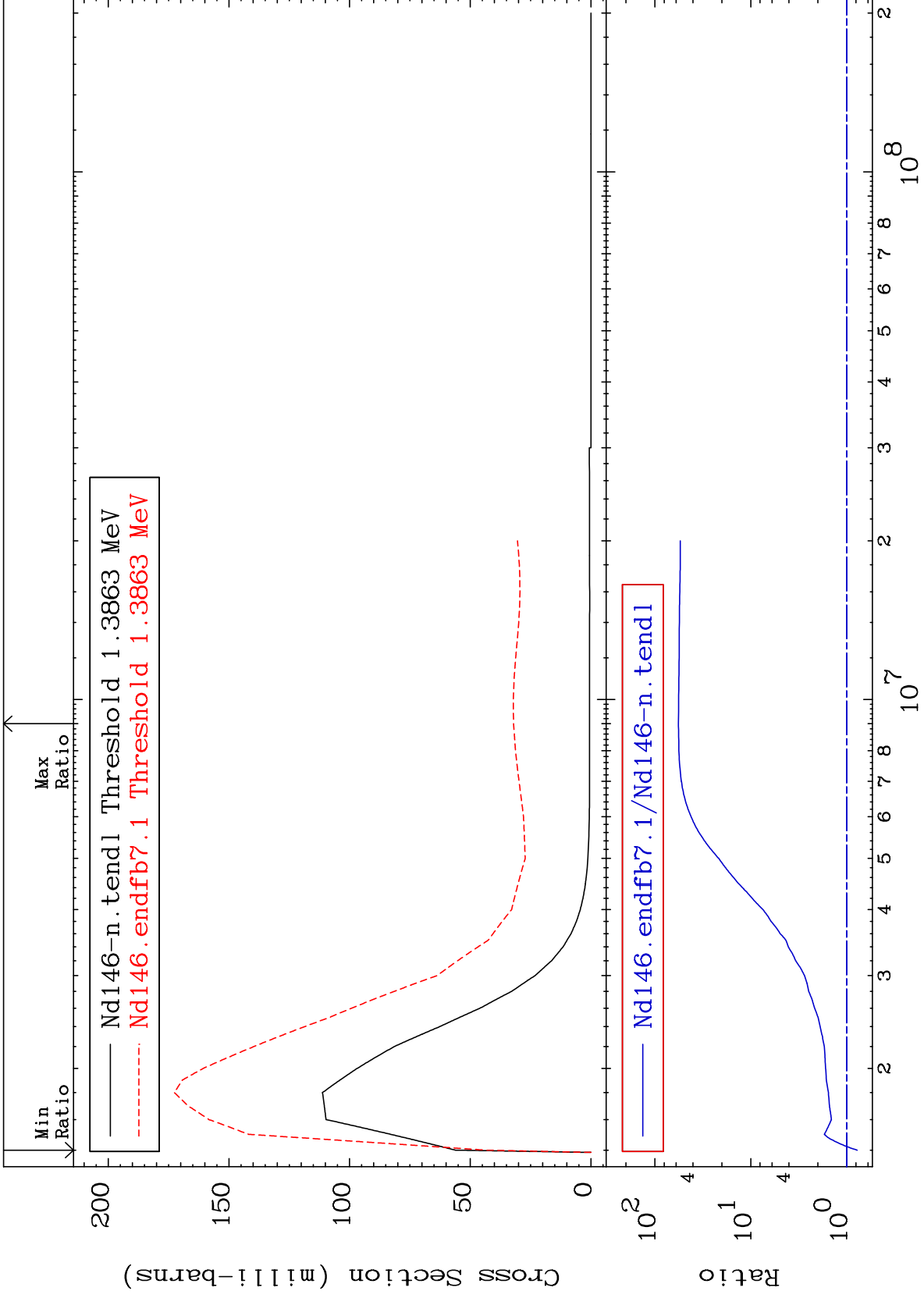
60-Nd-146
-3.397 To 129.2 %



MAT 6037

1.377 MeV (n,n') Level
Cross Section

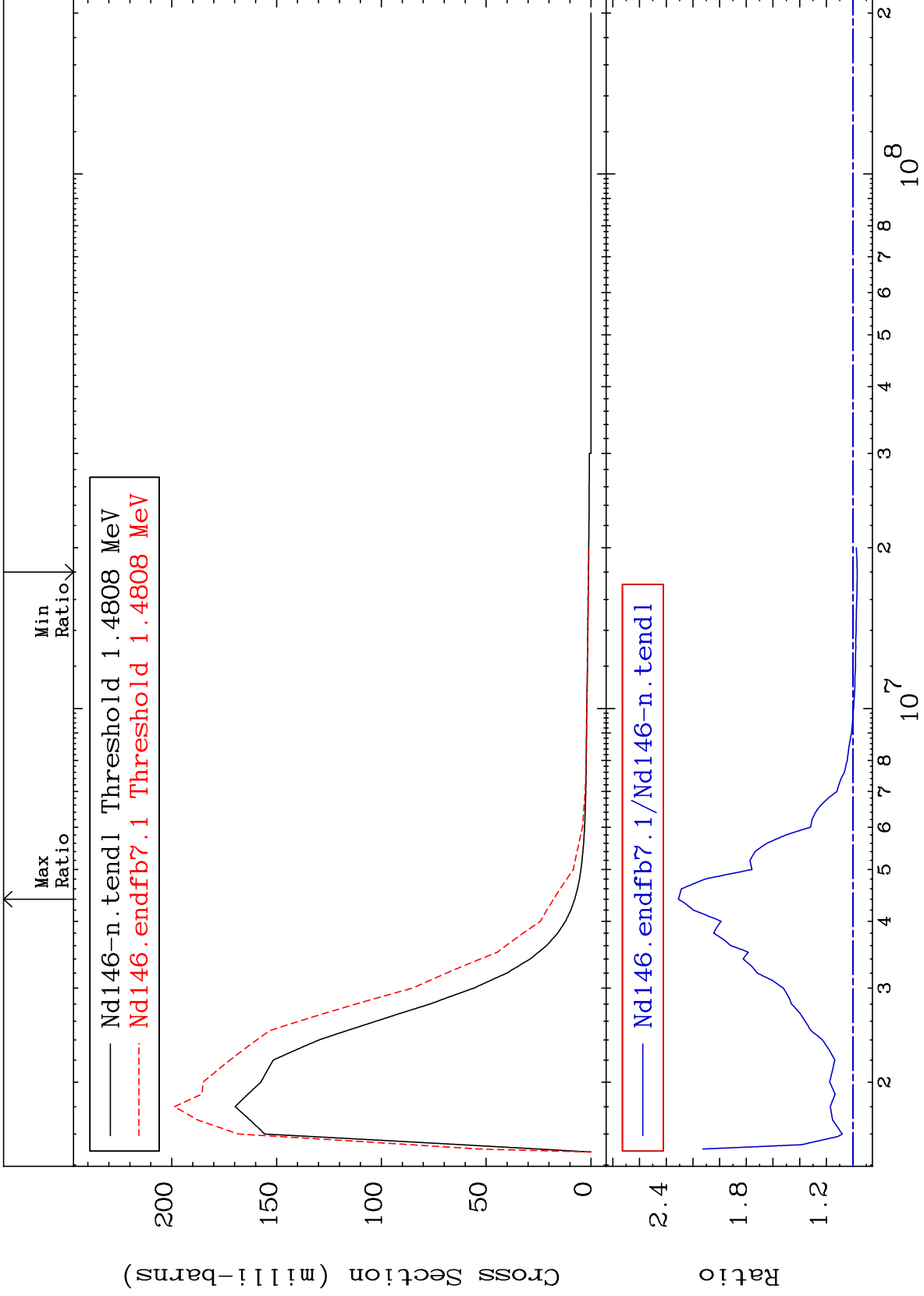
60-Nd-146
-22.31 To 5576. %



MAT 6037

1.471 MeV (n,n') Level
Cross Section

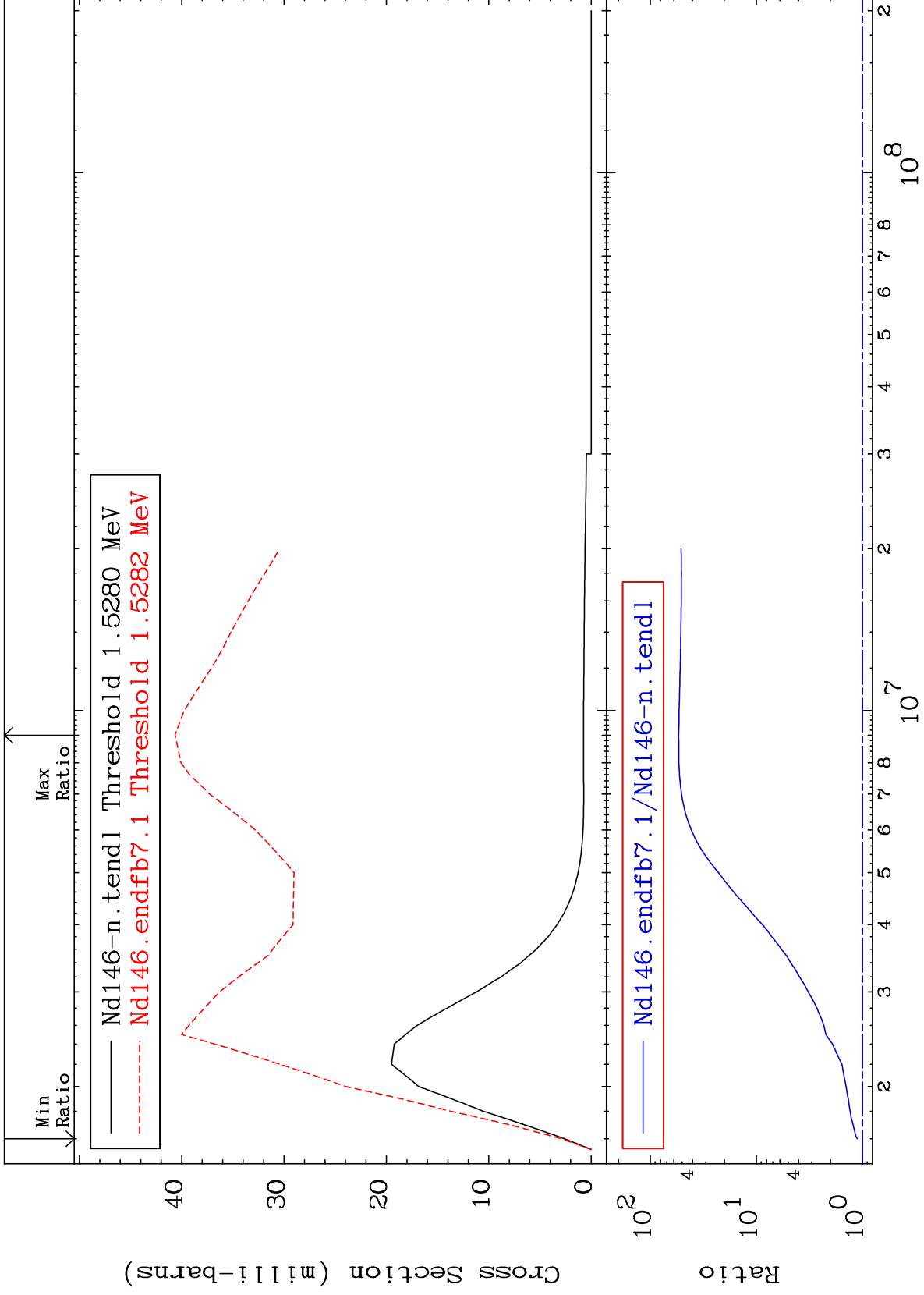
60-Nd-146
-3.102 To 130.8 %



MAT 6037

1.518 MeV (n,n') Level
Cross Section

60-Nd-146
11.74 To 5305. %



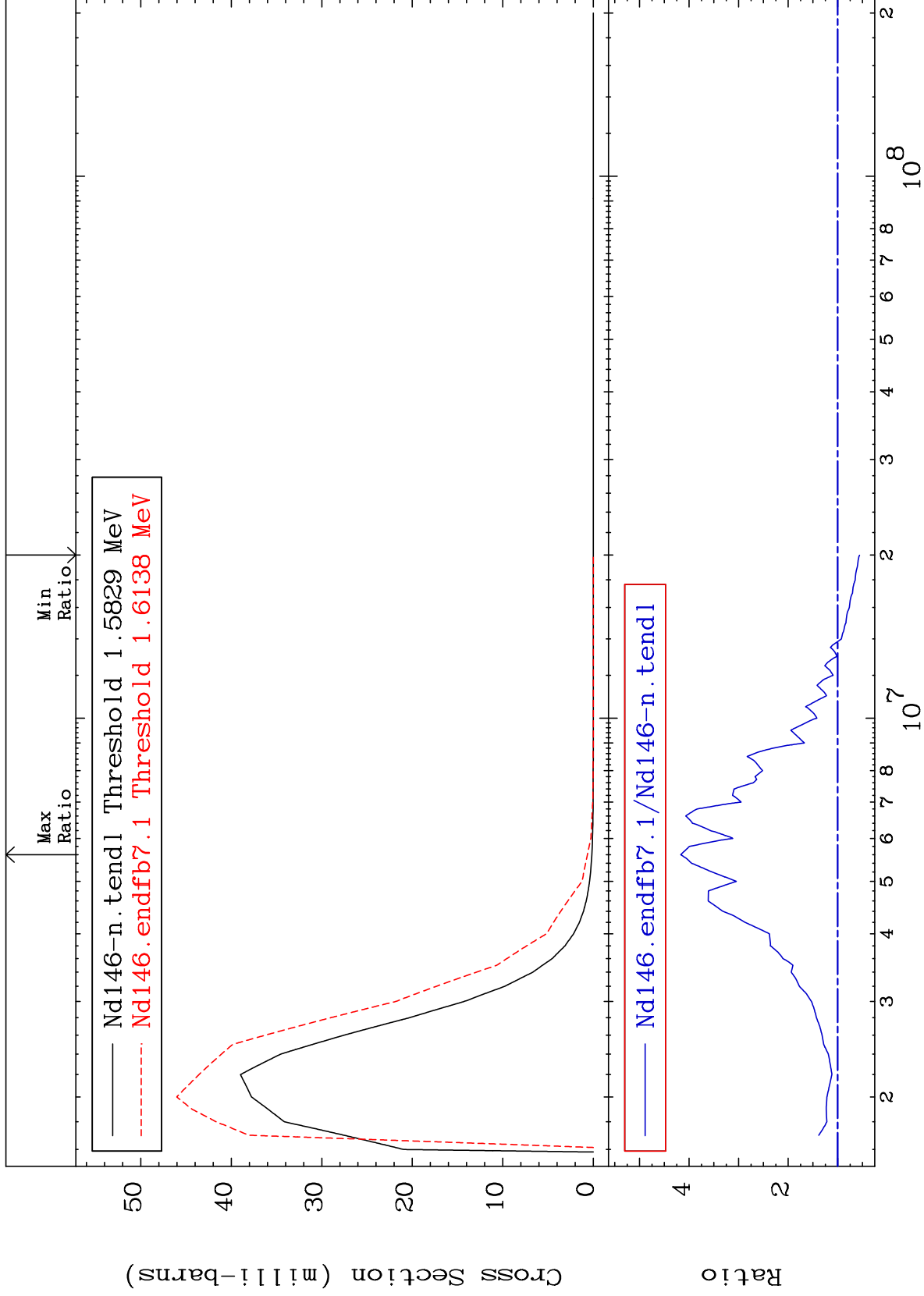
MAT 6037

1.572 MeV (n,n') Level

60-Nd-146

-44.01 To 316.8 %

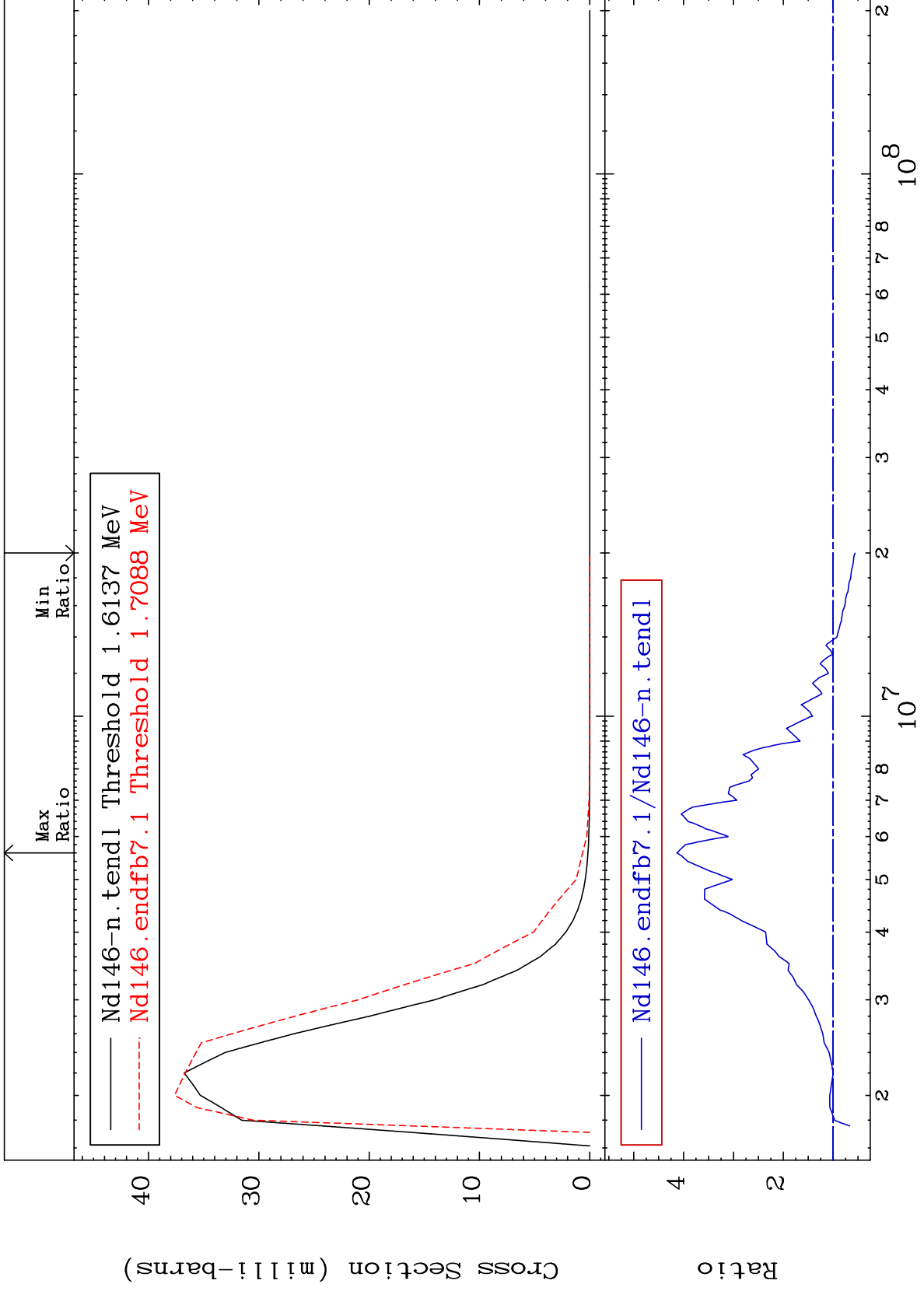
Cross Section



MAT 6037

1.603 MeV (n,n') Level
Cross Section

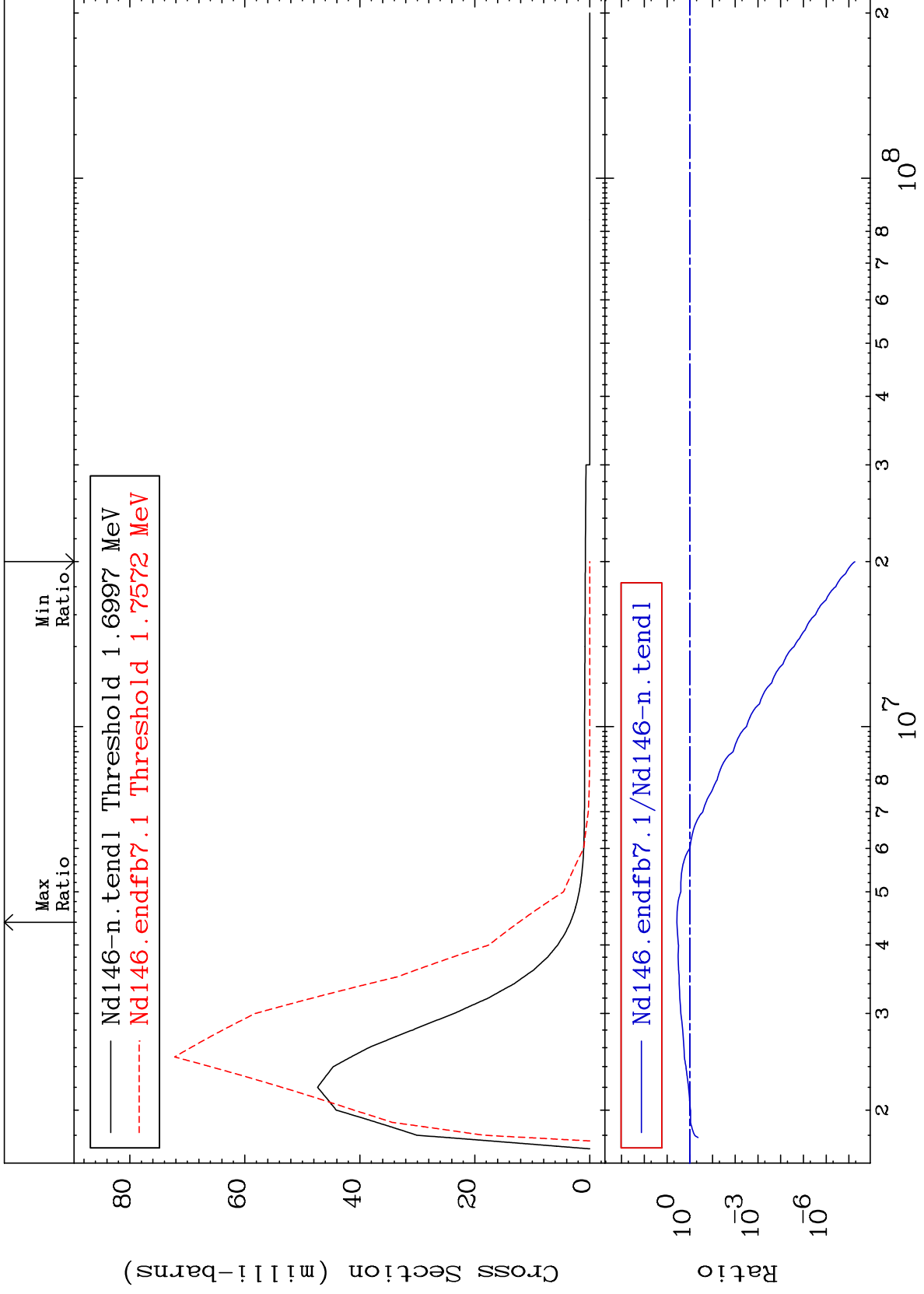
60-Nd-146
-44.09 To 313.4 %



MAT 6037

1.688 MeV (n,n') Level
Cross Section

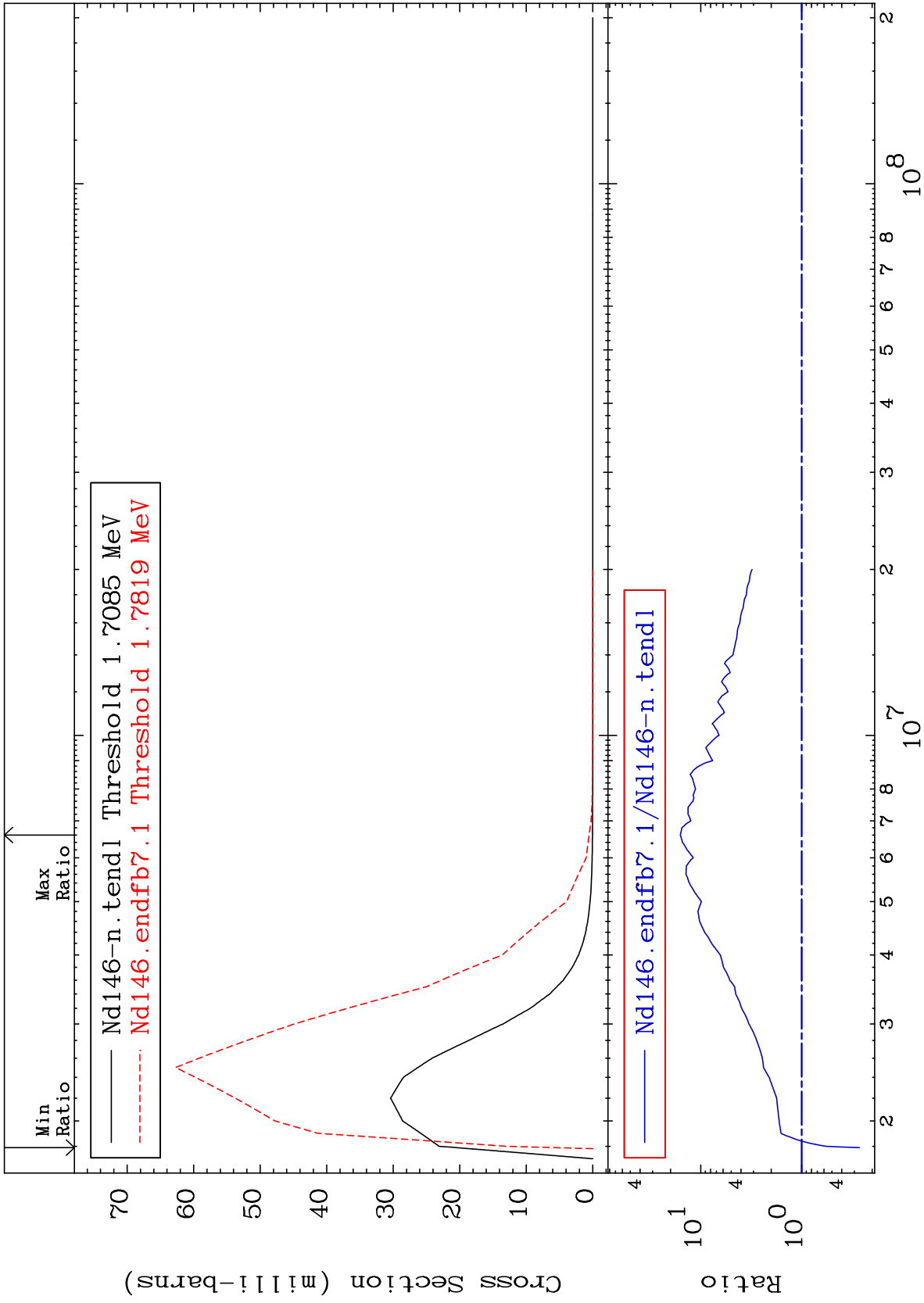
60-Nd-146
-100.0 To 267.9 %



20

Incident Energy (eV)

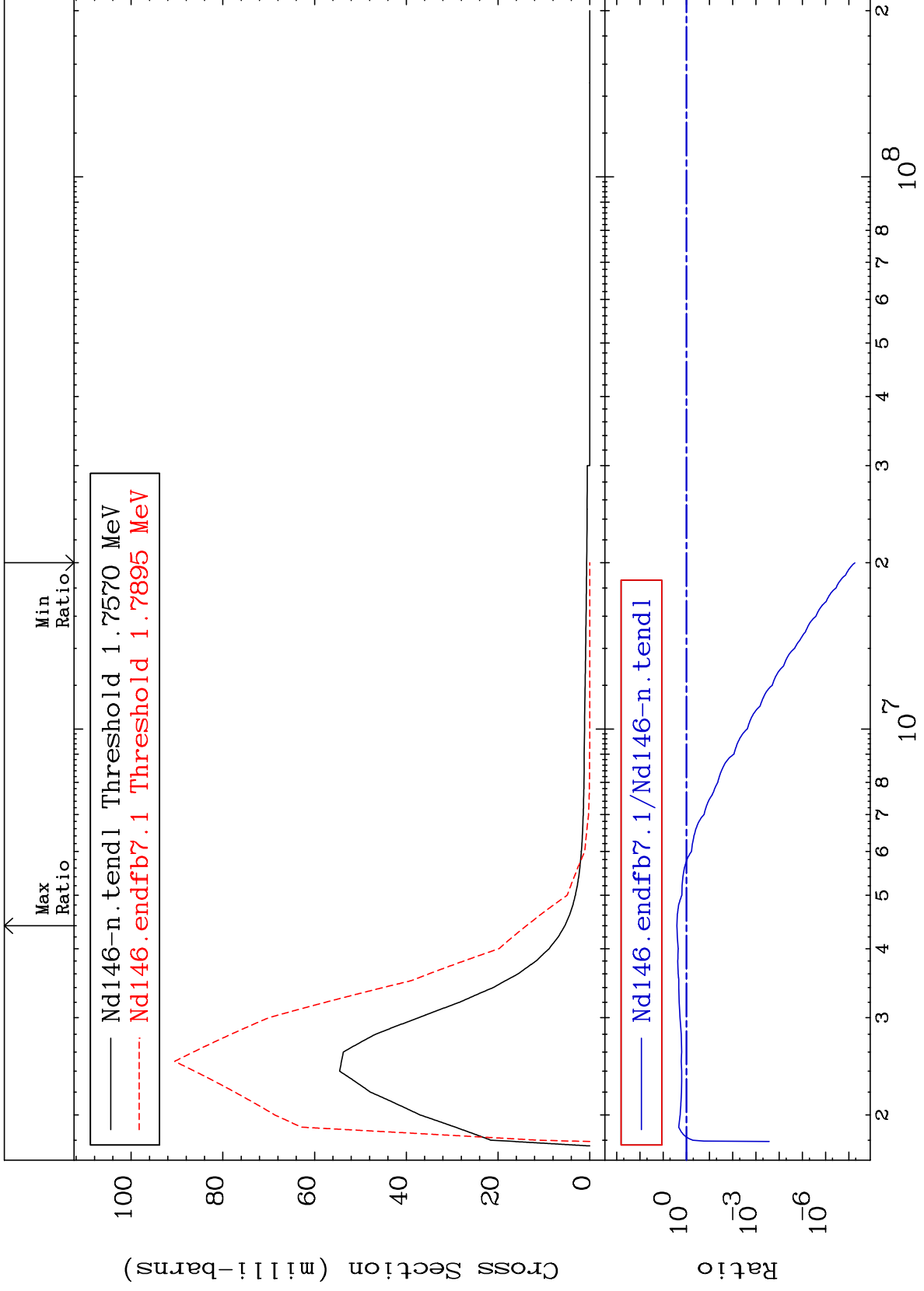
60-Nd-146

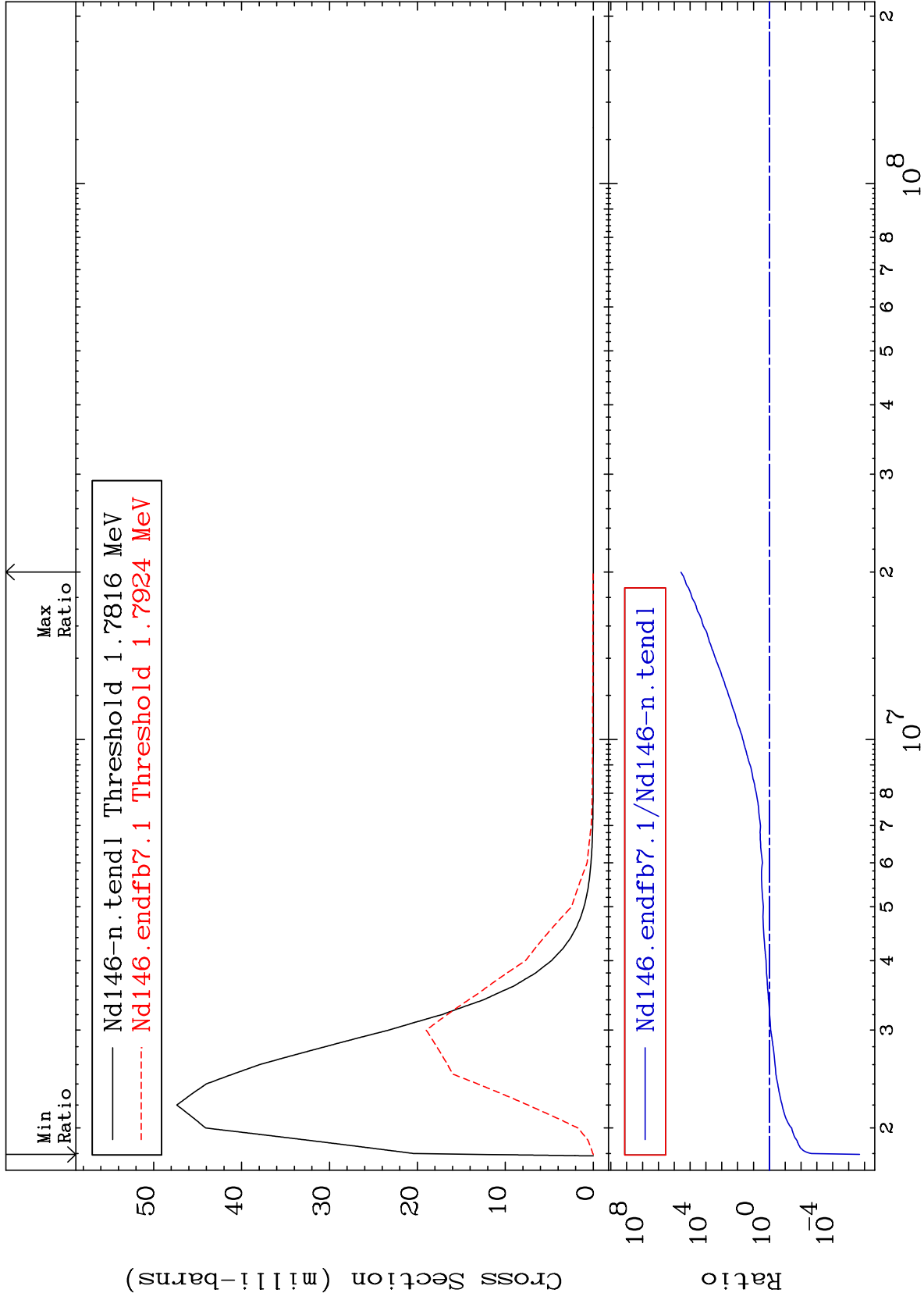


MAT 6037

1.745 MeV (n,n') Level
Cross Section

60-Nd-146
-100.0 To 154.5 %

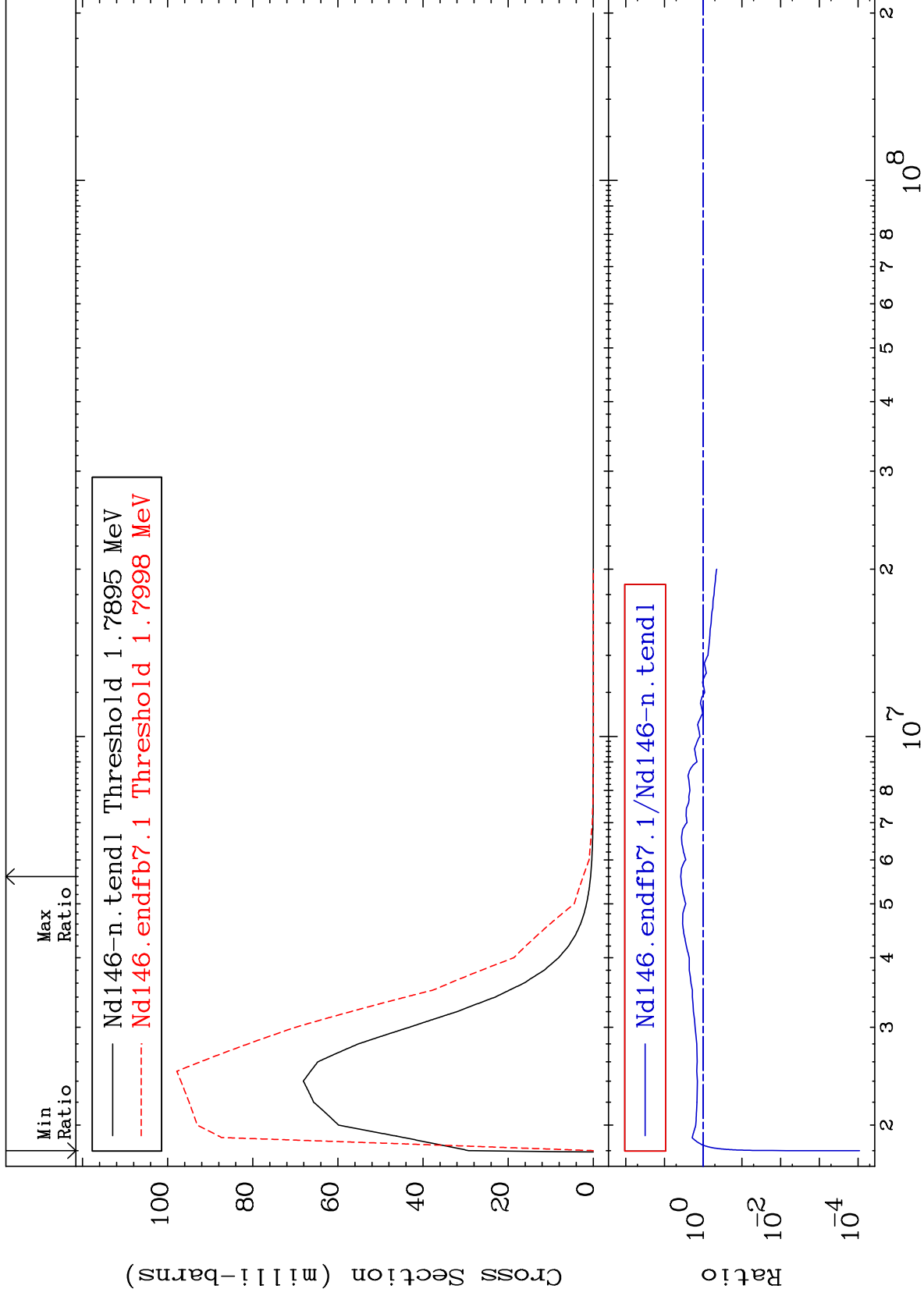




MAT 6037

1.777 MeV (n,n') Level
Cross Section

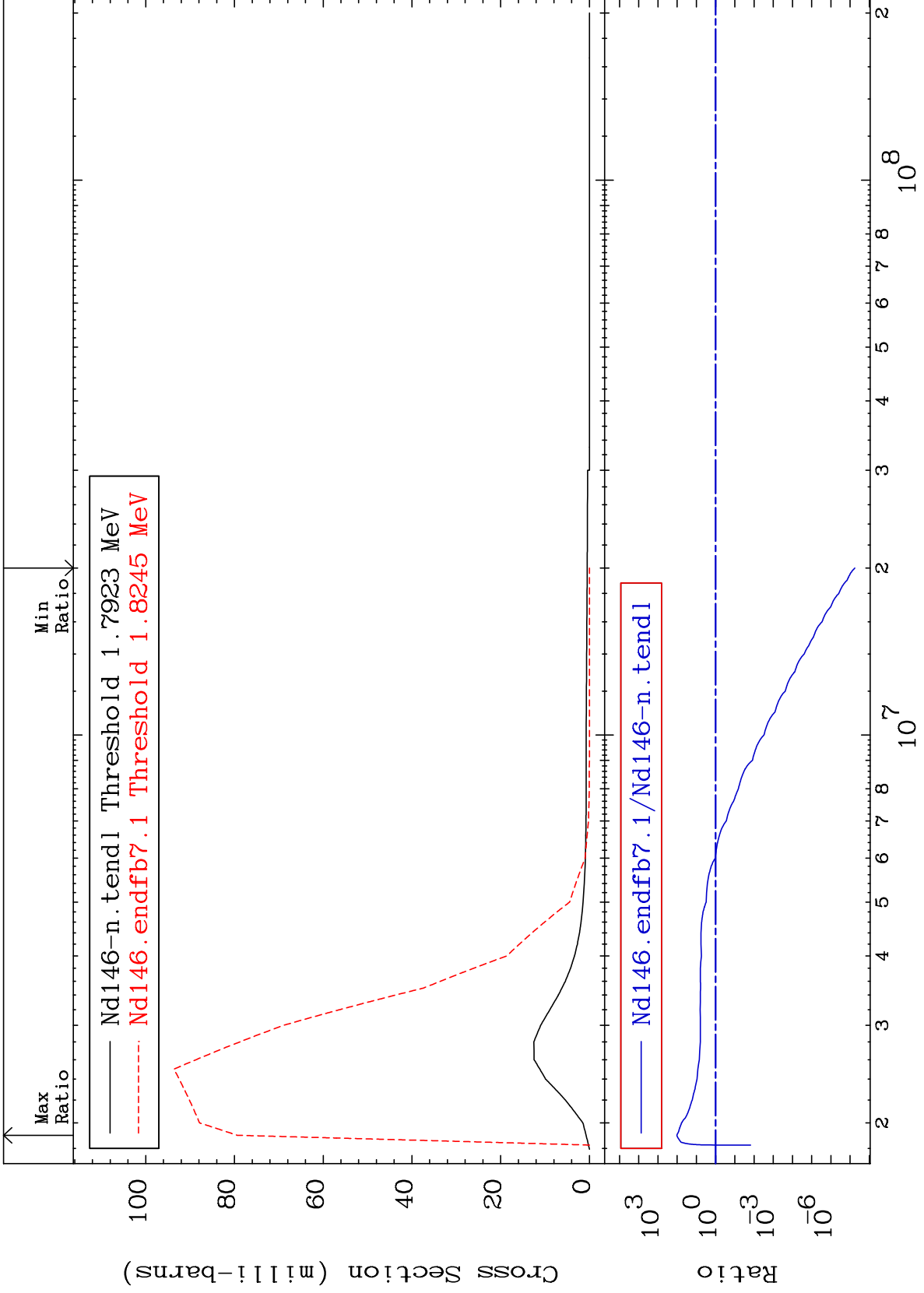
60-Nd-146
-99.99 To 280.1 %



MAT 6037

1.780 MeV (n,n') Level
Cross Section

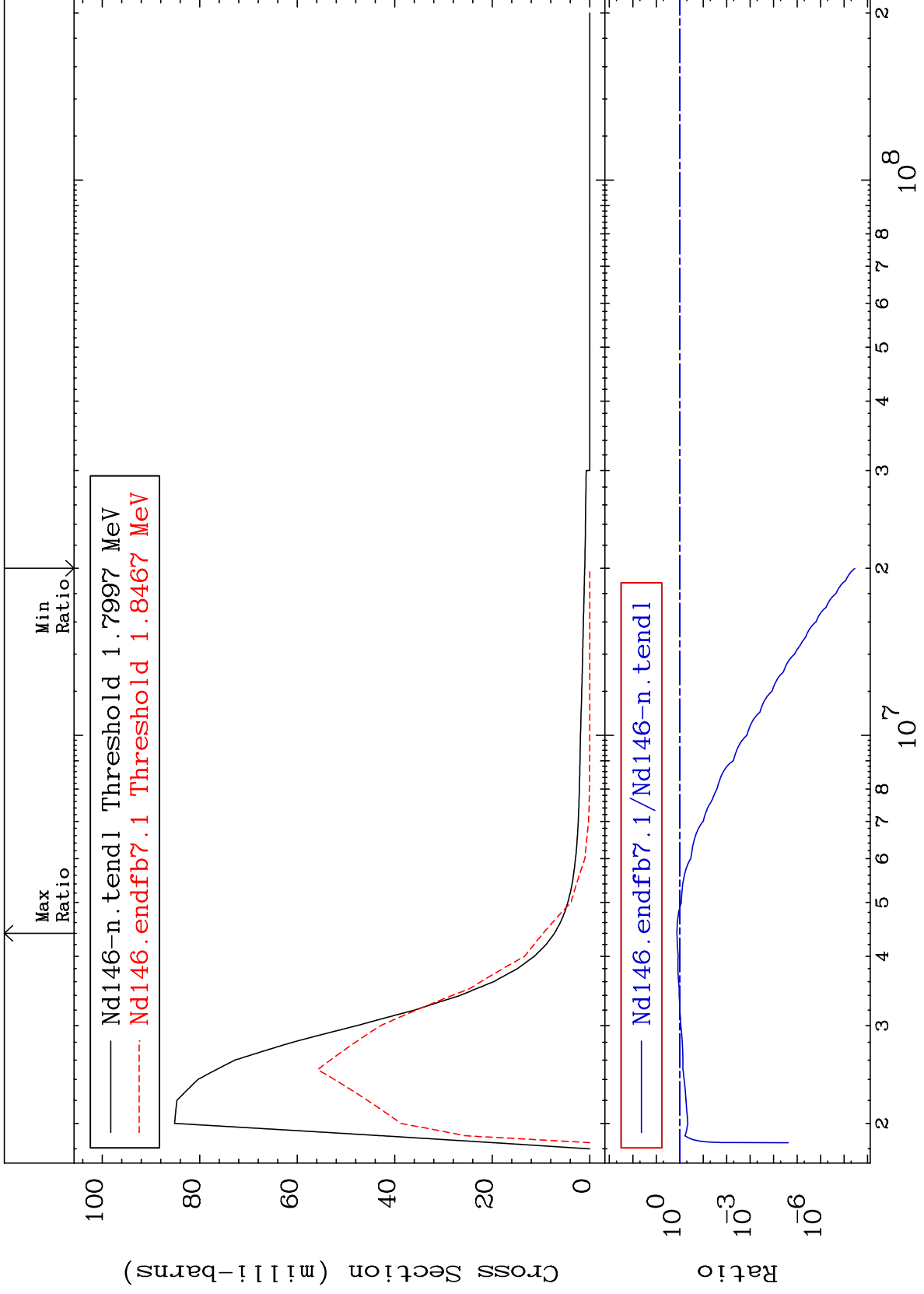
60-Nd-146
-100.0 To 9999. %



MAT 6037

1.787 MeV (n,n') Level
Cross Section

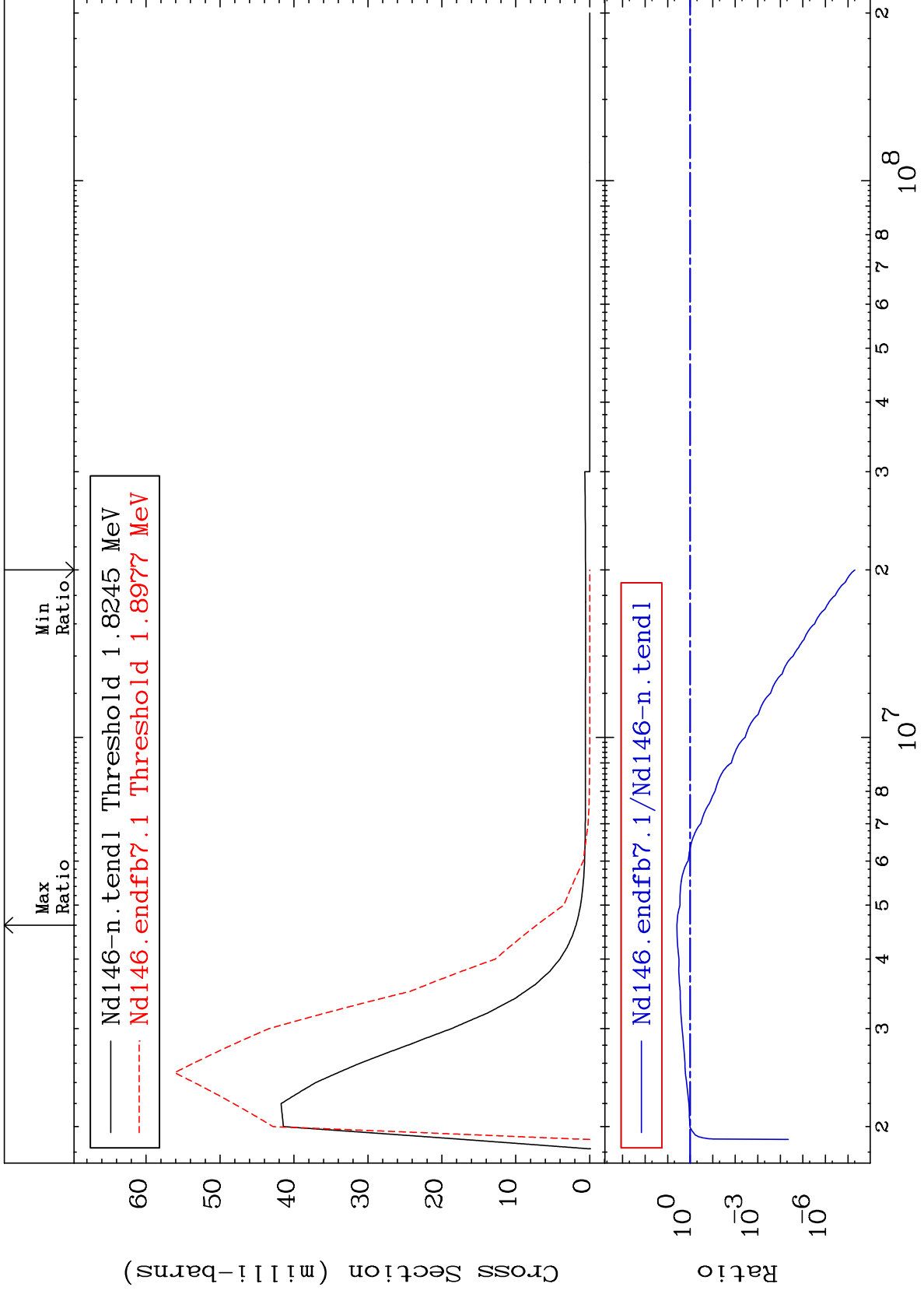
60-Nd-146
-100.0 To 32.08 %



MAT 6037

1.812 MeV (n,n') Level
Cross Section

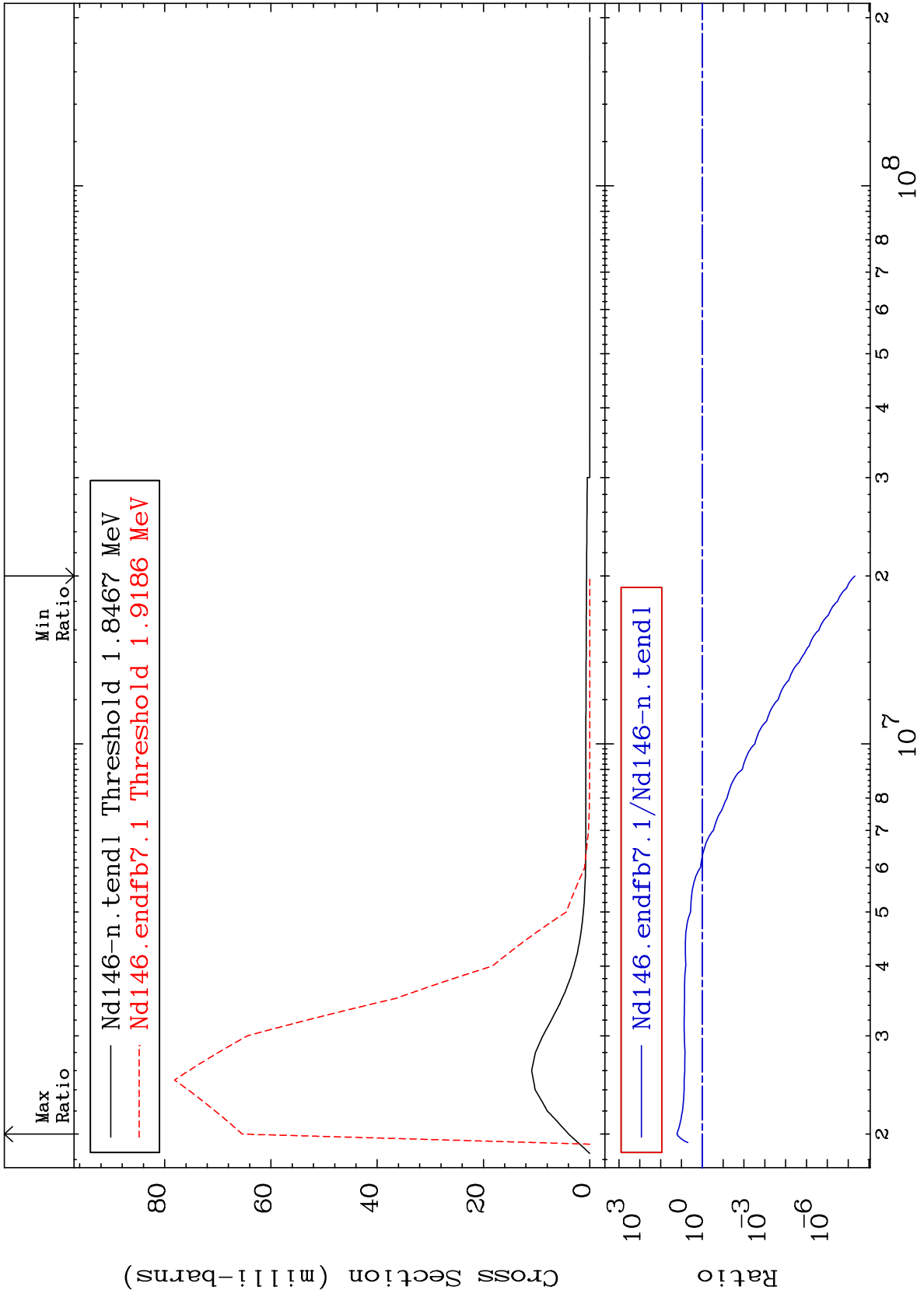
60-Nd-146
-100.0 To 288.8 %



MAT 6037

1.834 MeV (n,n') Level
Cross Section

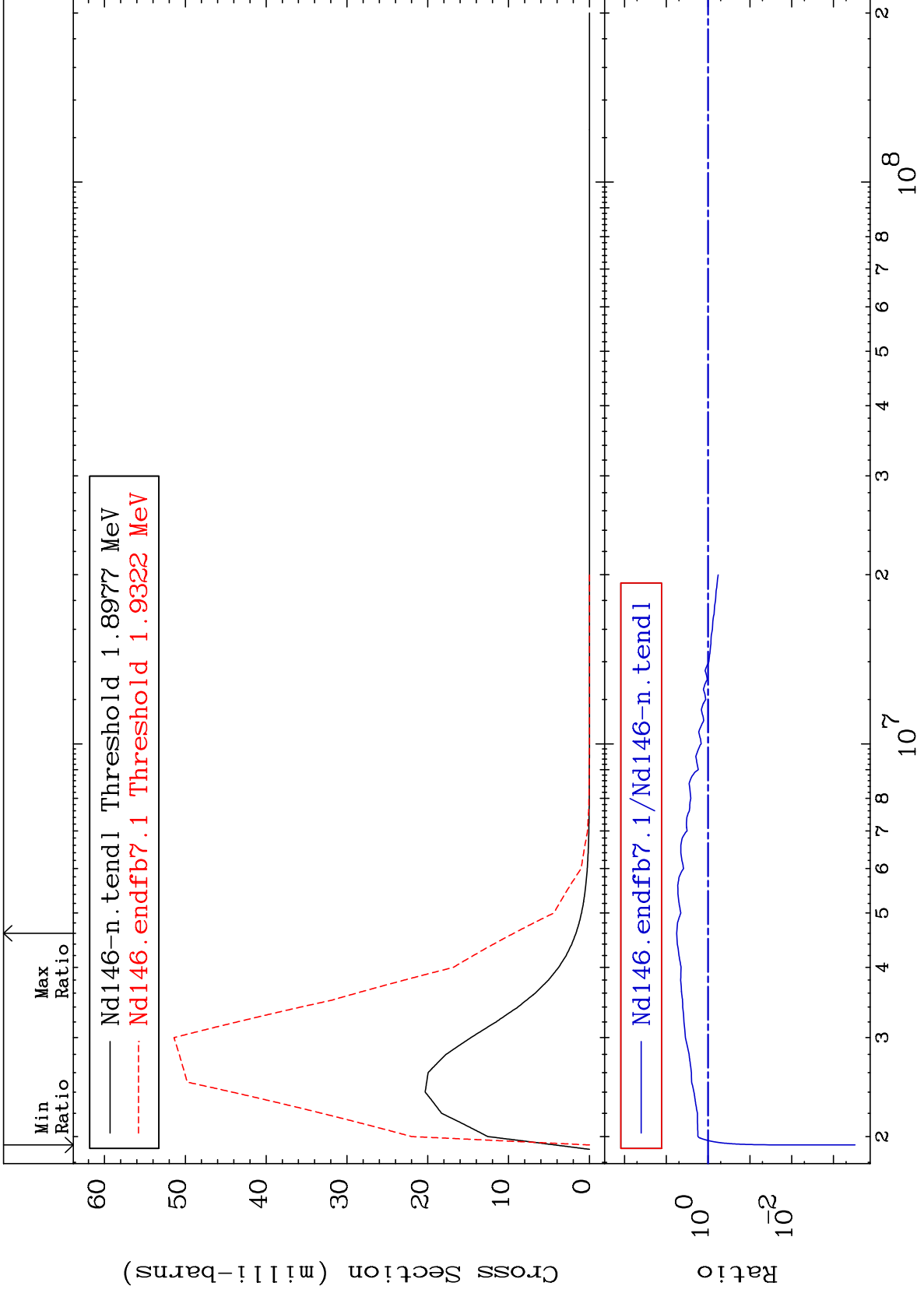
60-Nd-146
-100.0 To 1547. %



MAT 6037

1.885 MeV (n,n') Level
Cross Section

60-Nd-146
-99.97 To 463.3 %

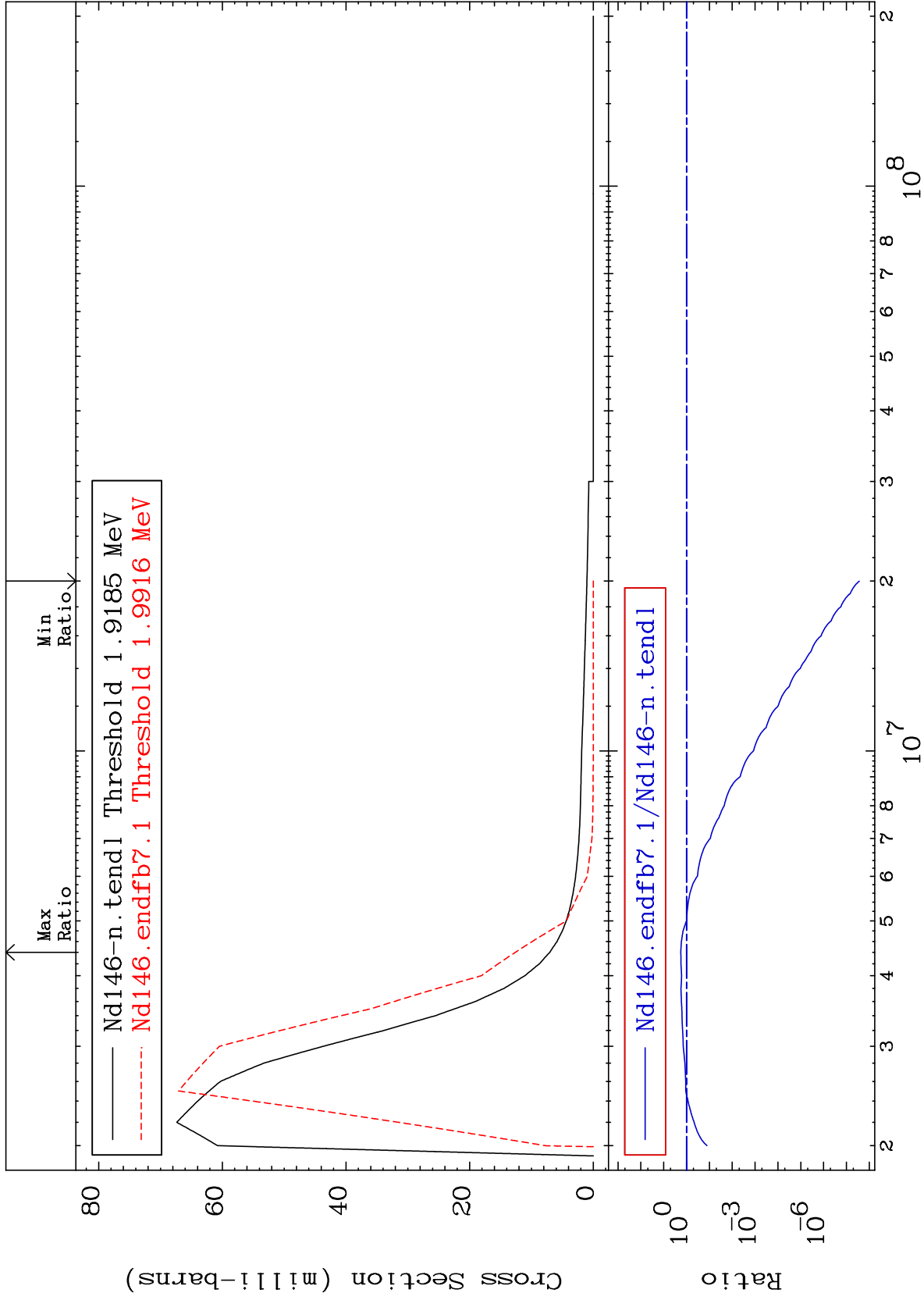


MAT 6037

1.905 MeV (n,n') Level

60-Nd-146

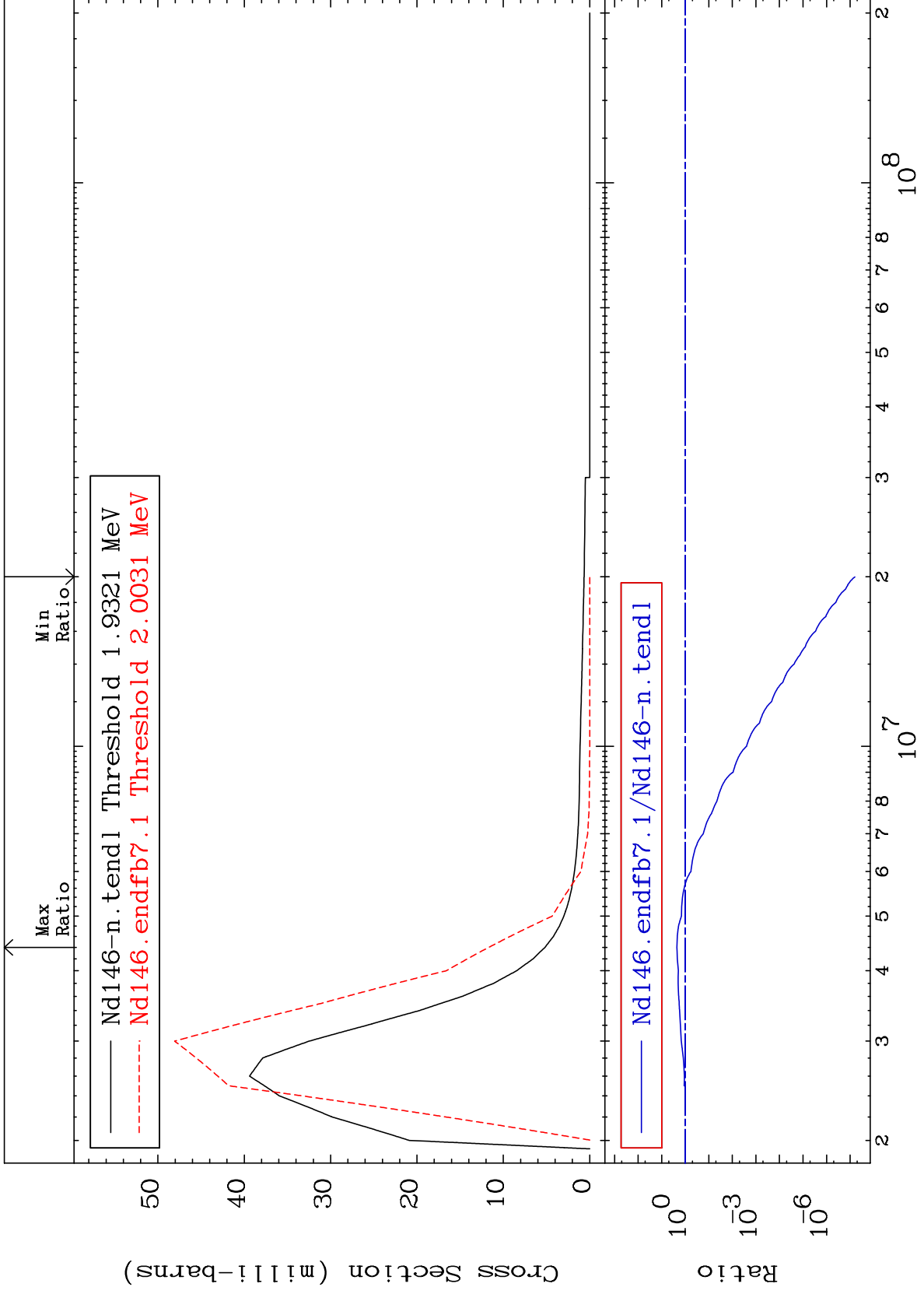
-100.0 To 79.04 %



MAT 6037

1.919 MeV (n,n') Level
Cross Section

60-Nd-146
-100.0 To 125.6 %



31

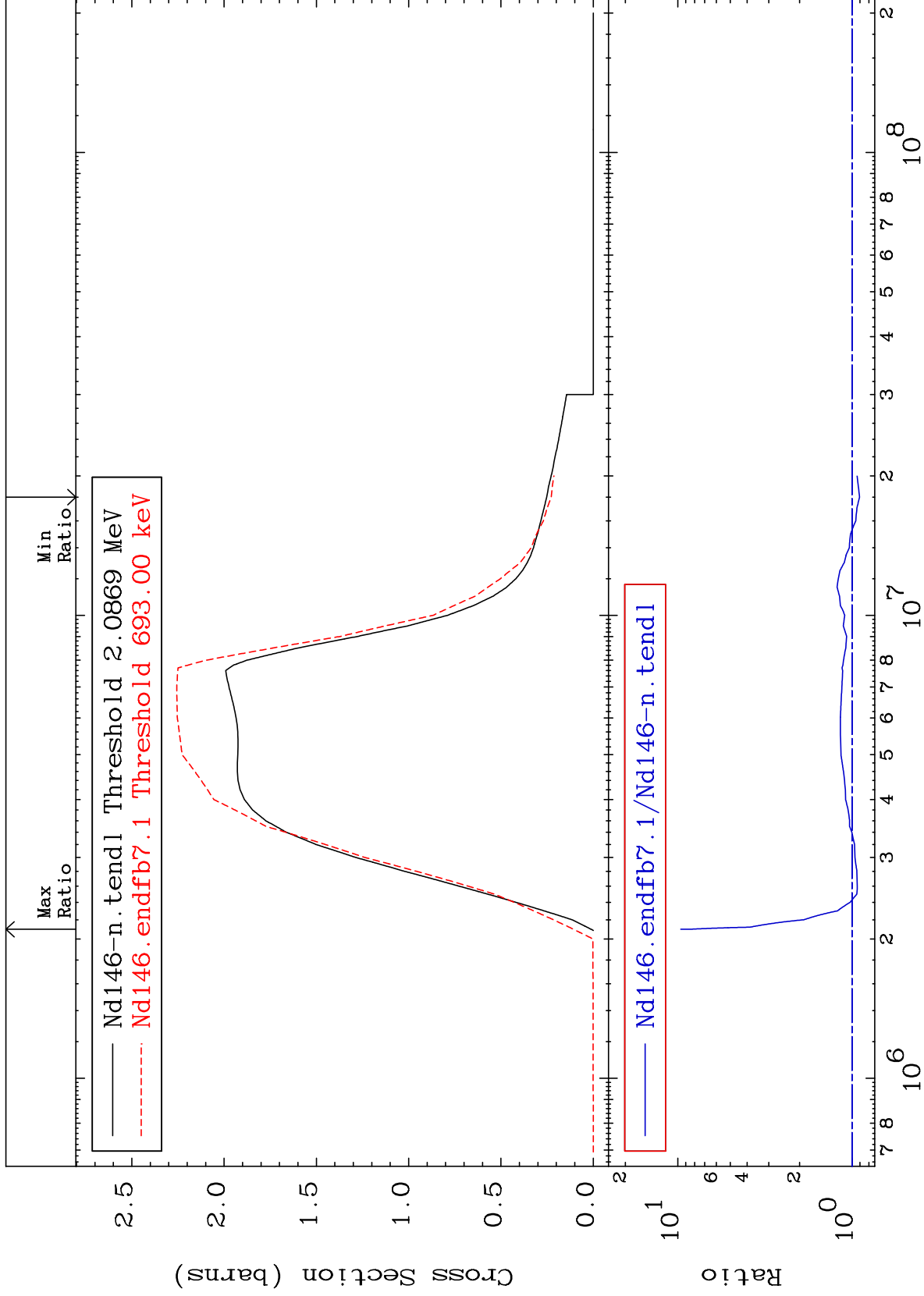
Incident Energy (eV)

60-Nd-146

MAT 6037

(n, n') Continuum
Cross Section

60-Nd-146
-9.537 To 860.9 %



32

60-Nd-146

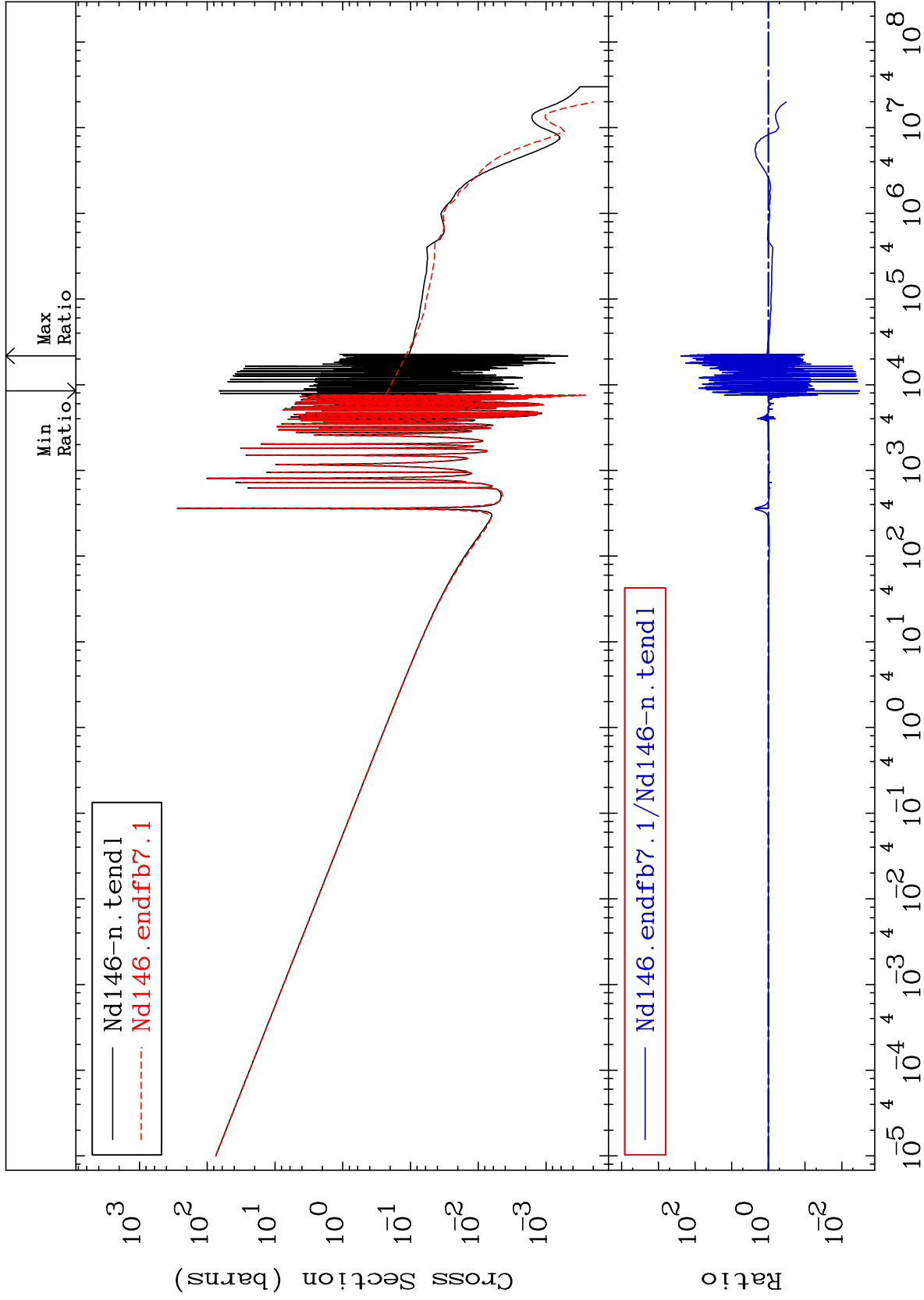
MAT 6037

(n, γ)

60-Nd-146

Cross Section

-99.67 To 9999. %



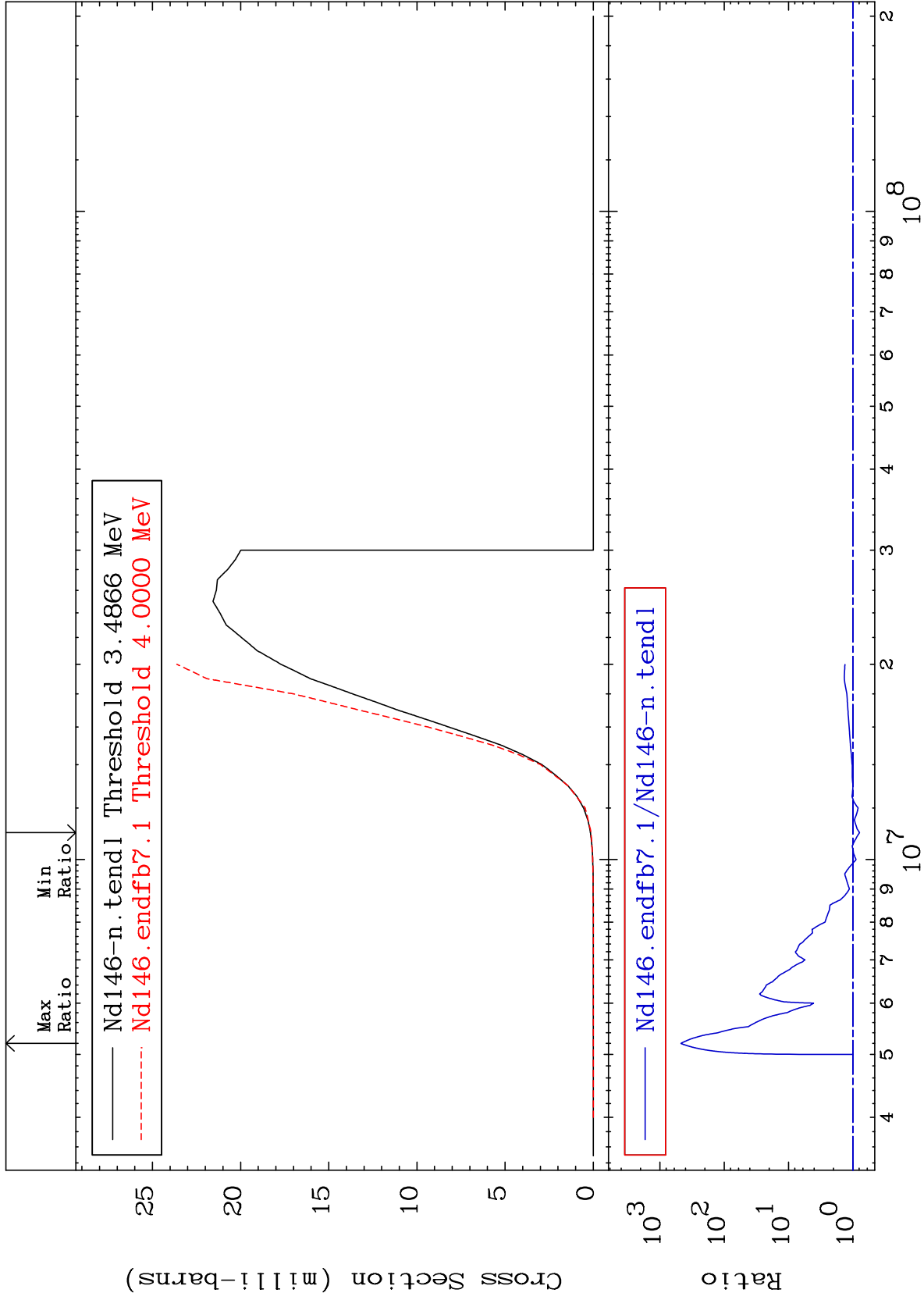
33

Incident Energy (eV)

60-Nd-146

Cross Section

-20.98 To 9999. %

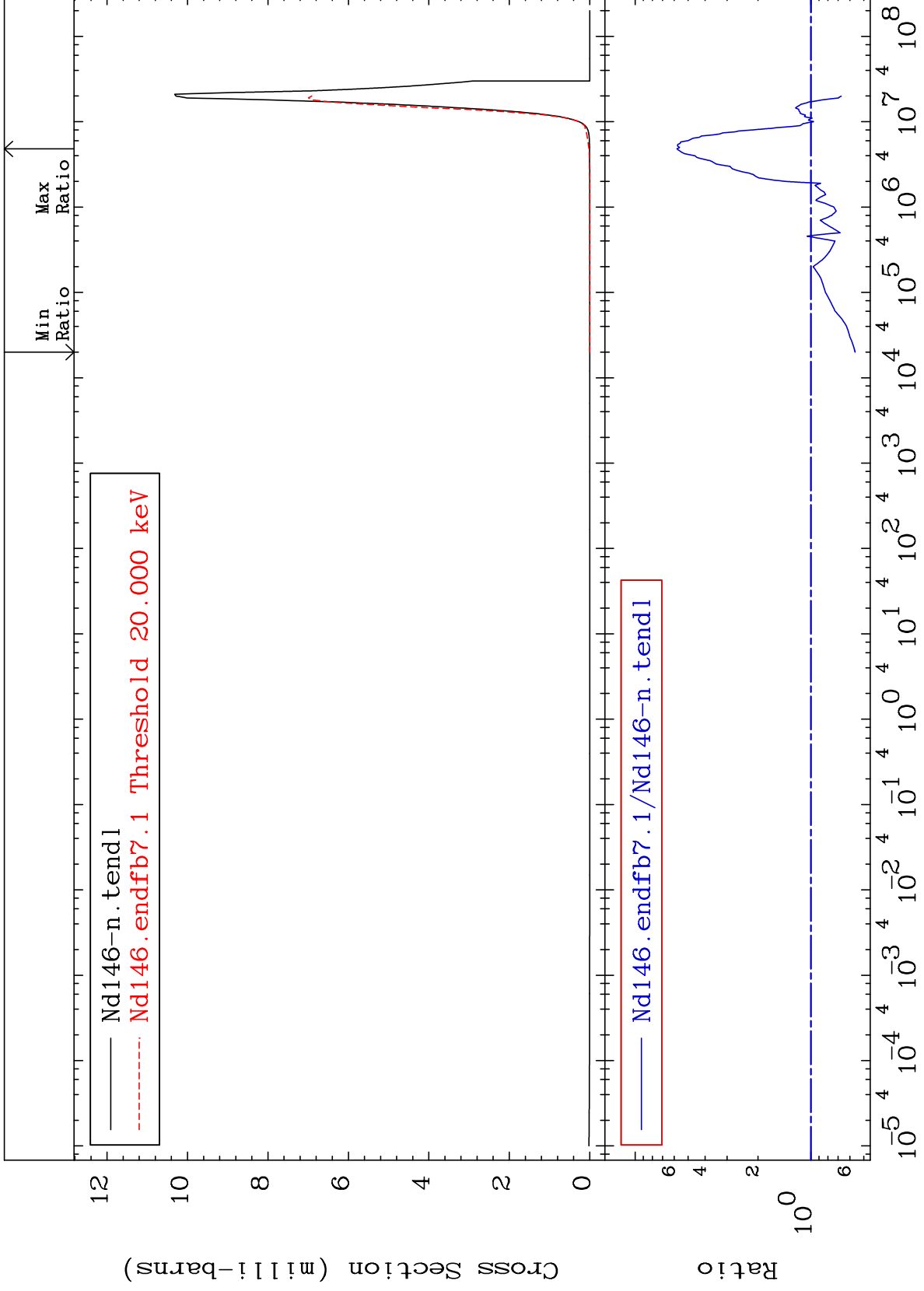


MAT 6037

(n, α)

Cross Section

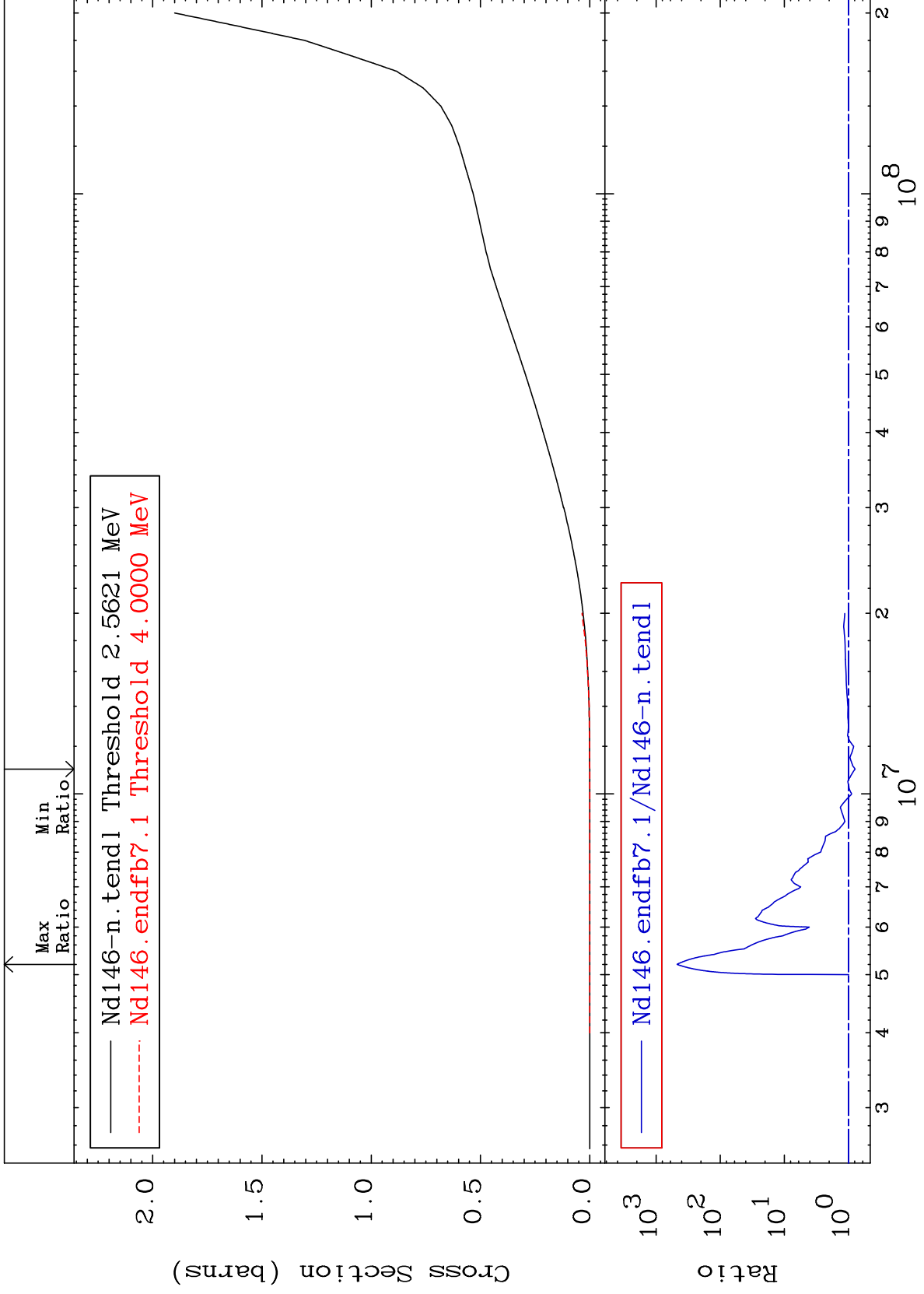
60-Nd-146
-43.94 To 479.3 %

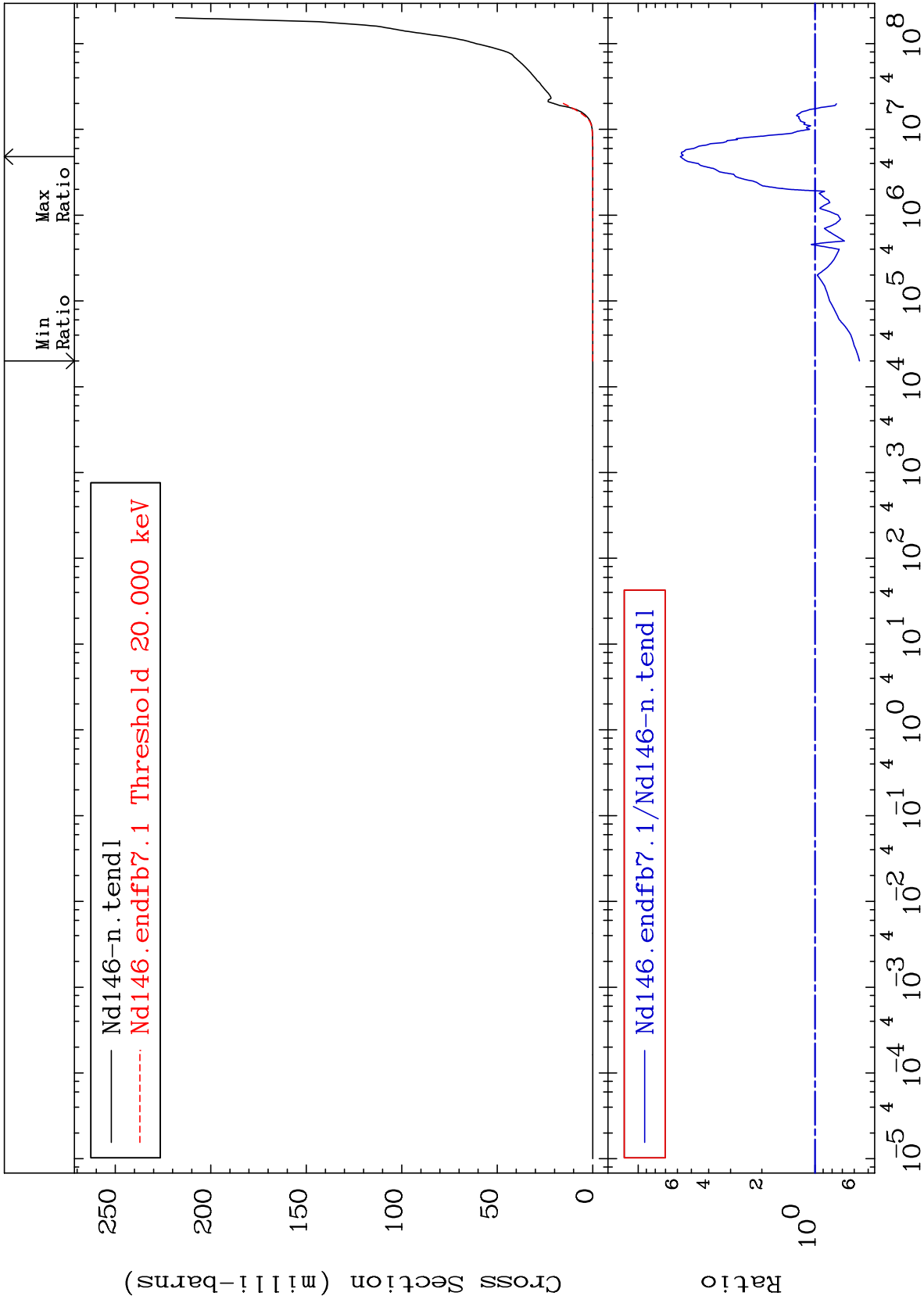


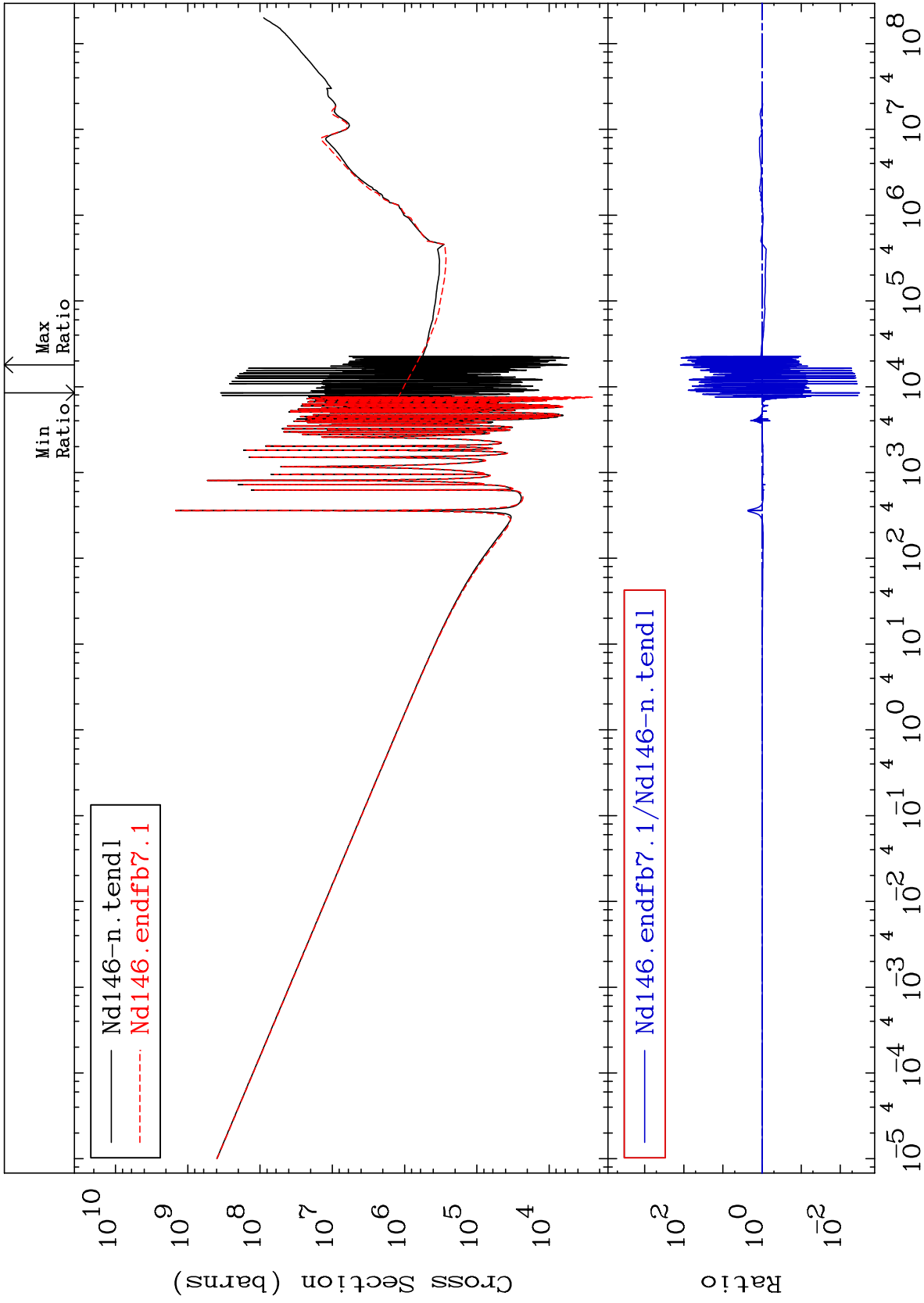
35

Incident Energy (eV)

60-Nd-146



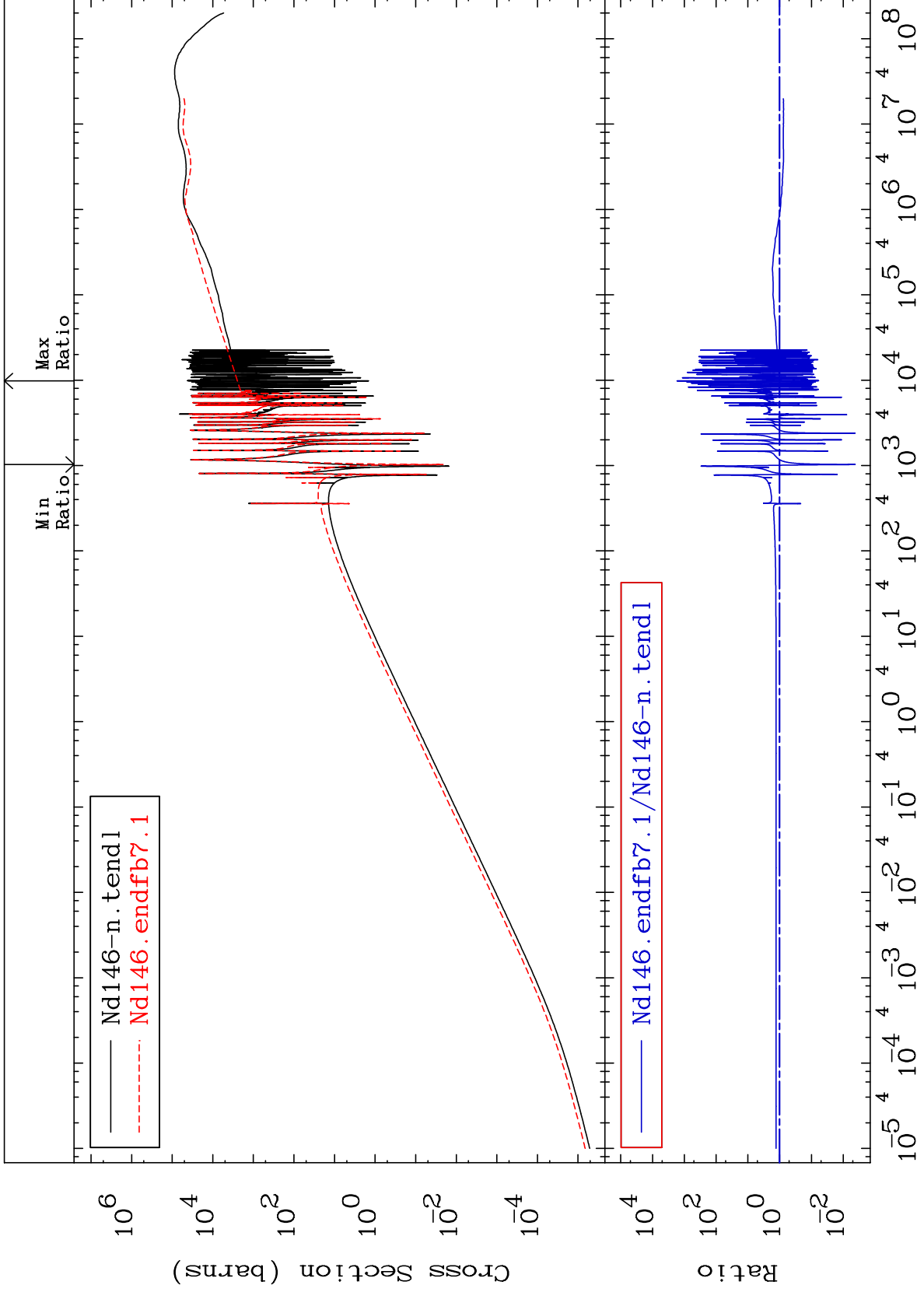


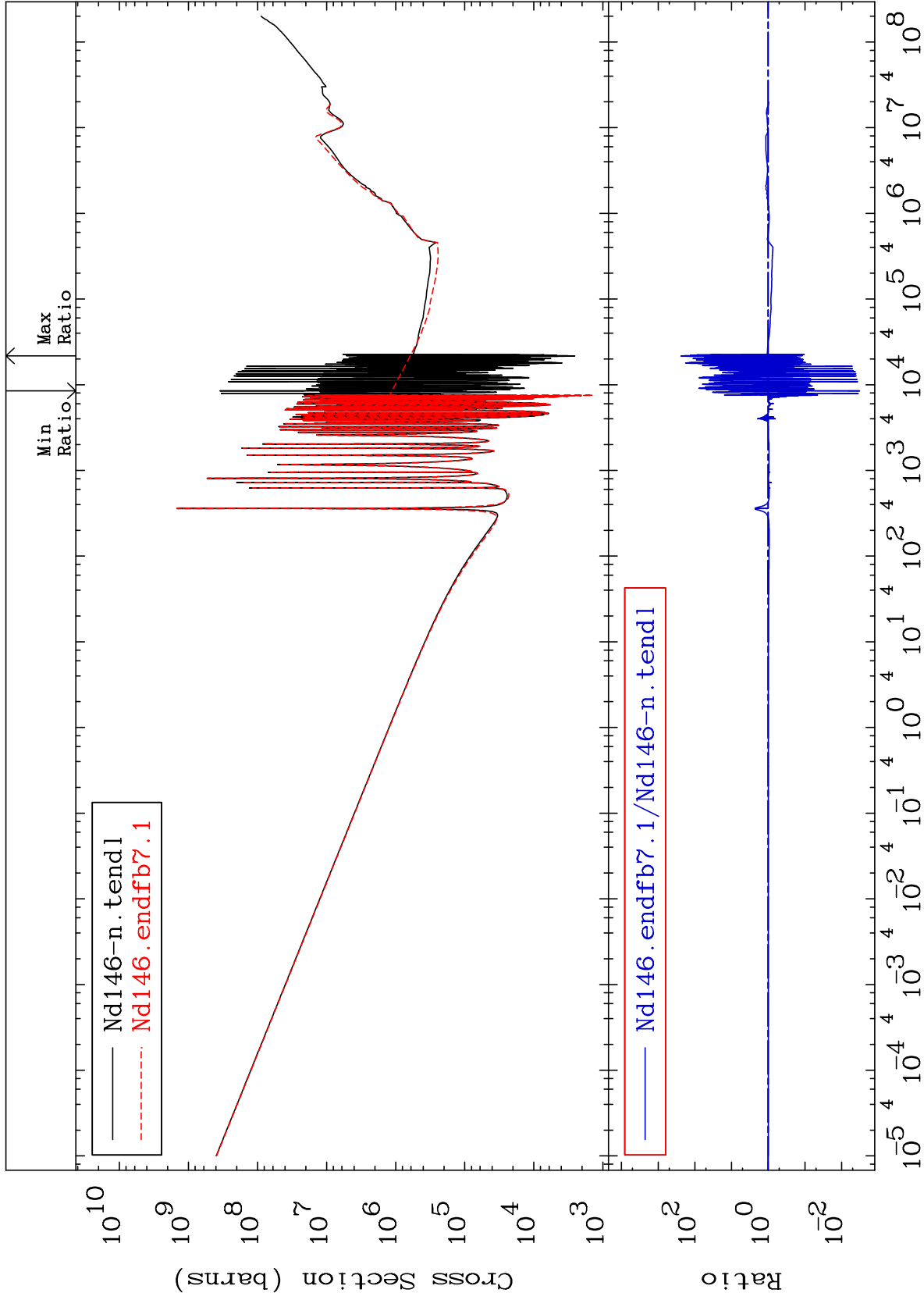


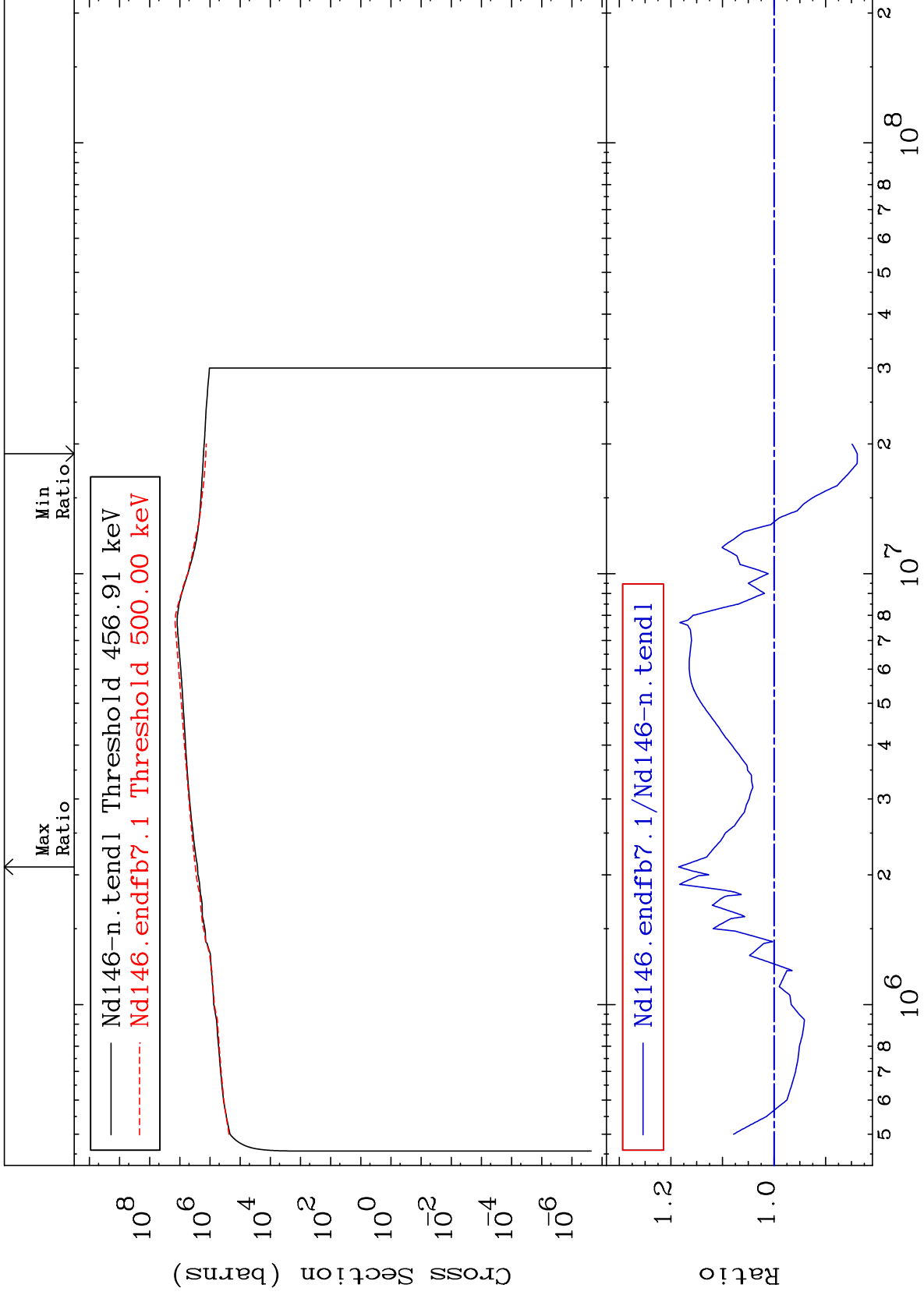
MAT 6037

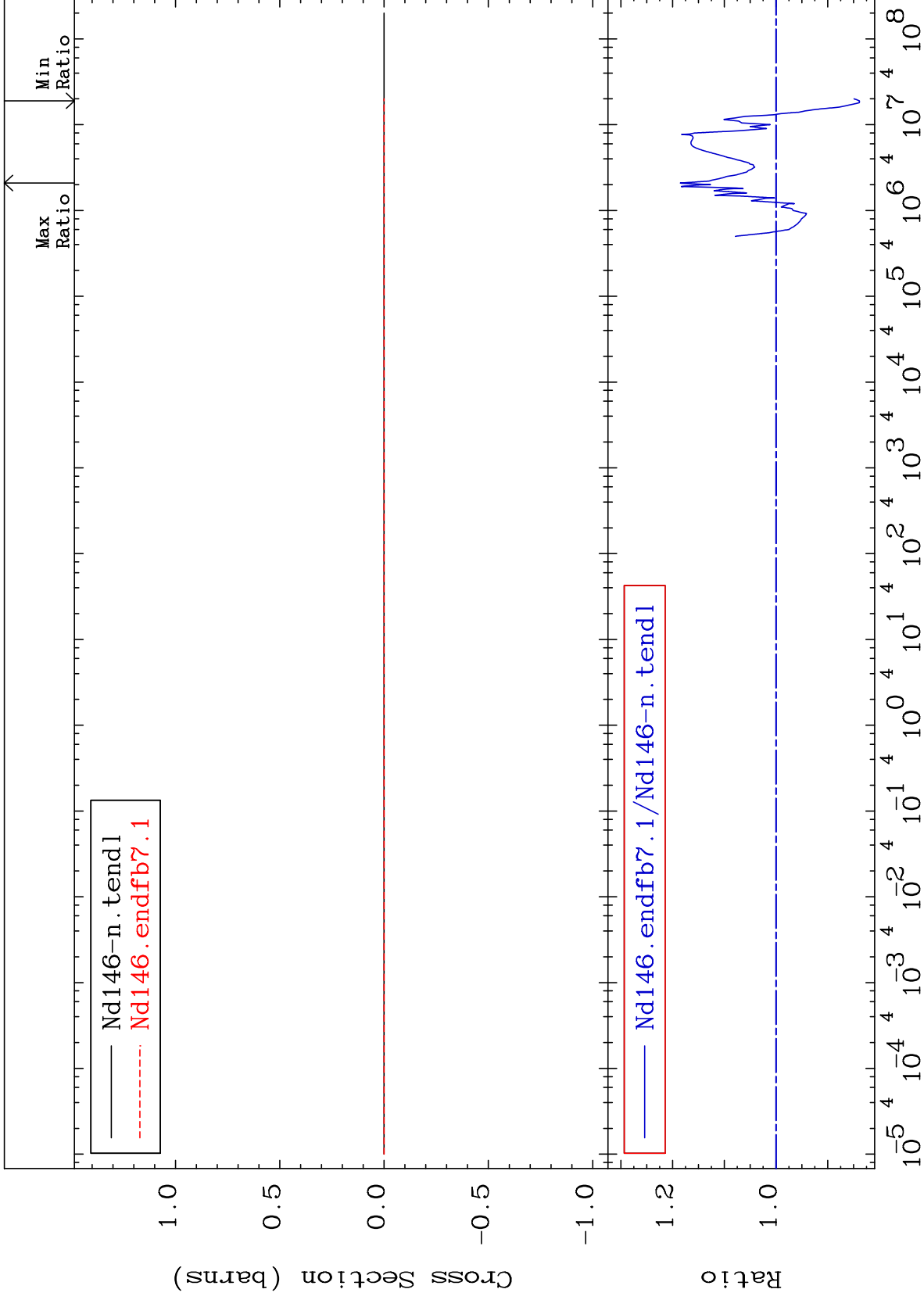
Kerma elastic
Cross Section

60-Nd-146
-99.58 To 9999. %





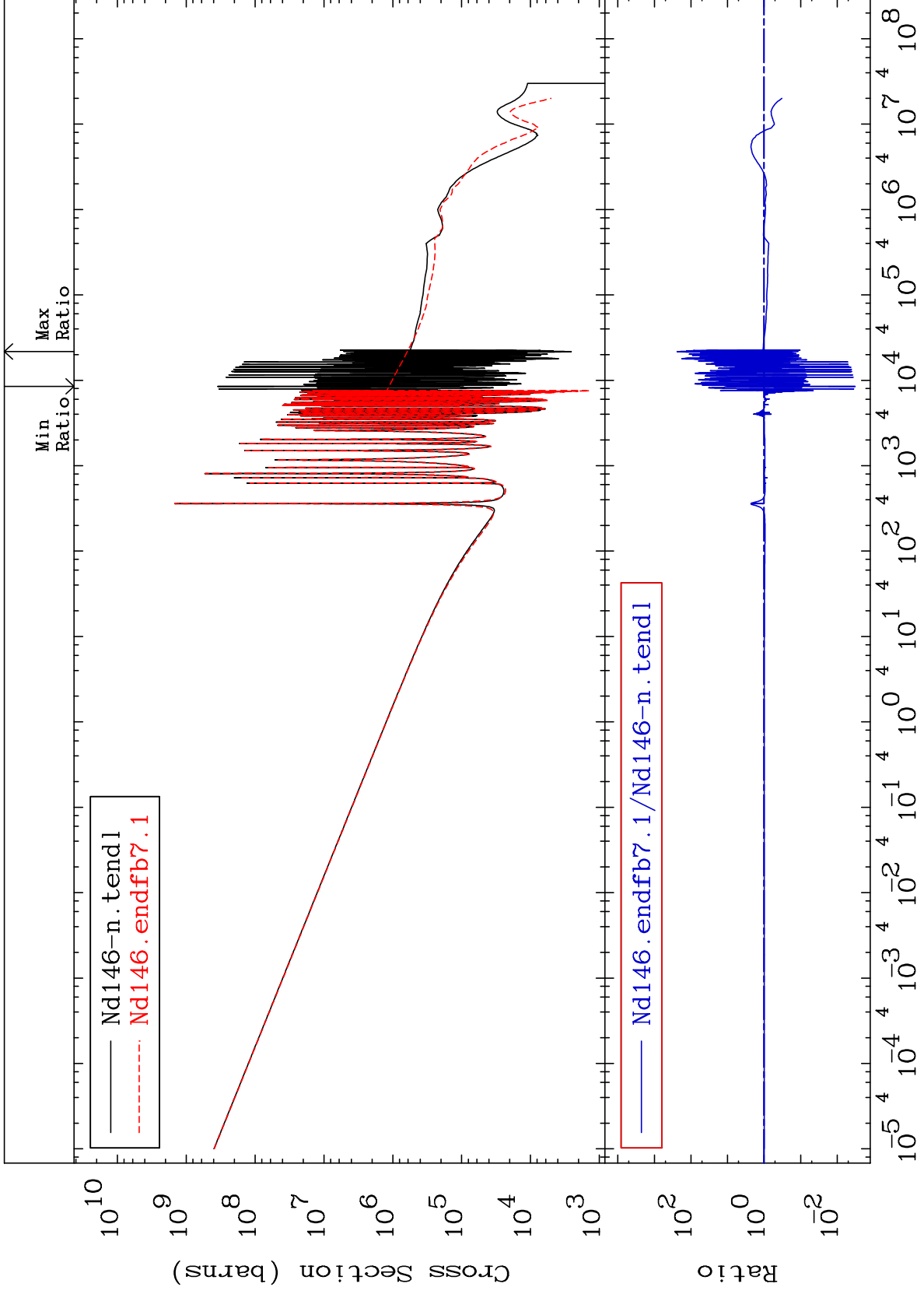


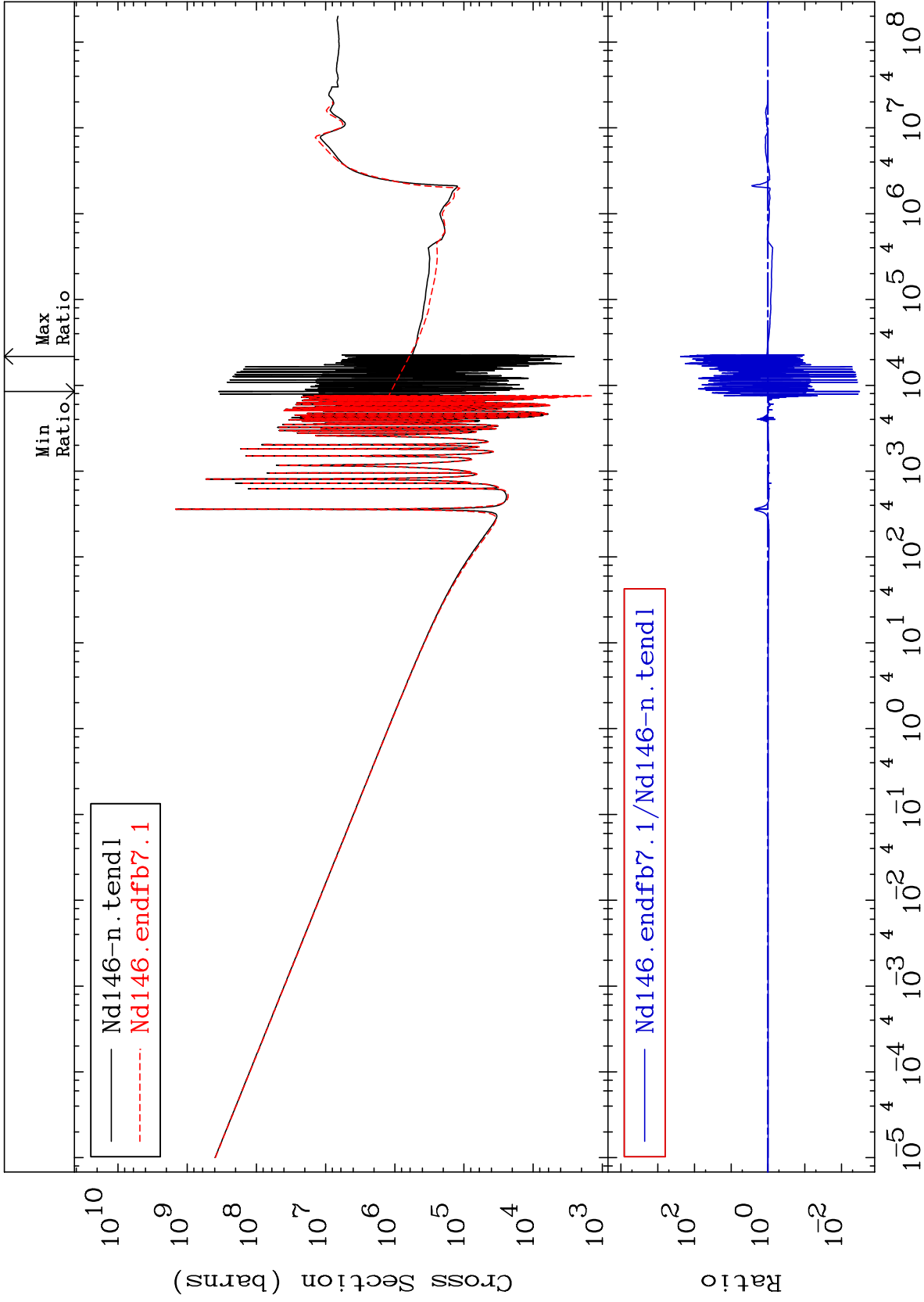


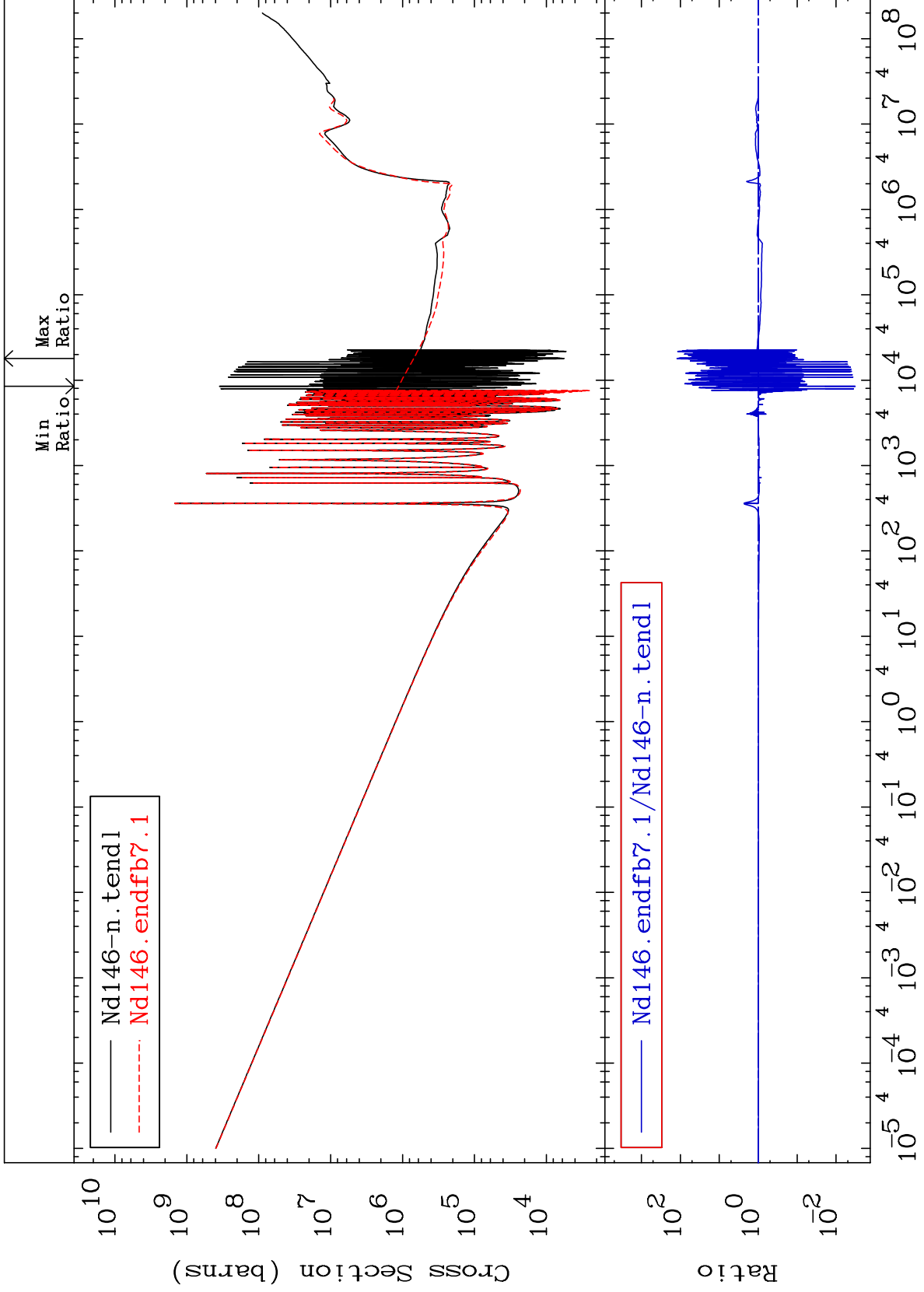
MAT 6037

Kerma capture (mt102)
Cross Section

60-Nd-146
-99.68 To 9999. %







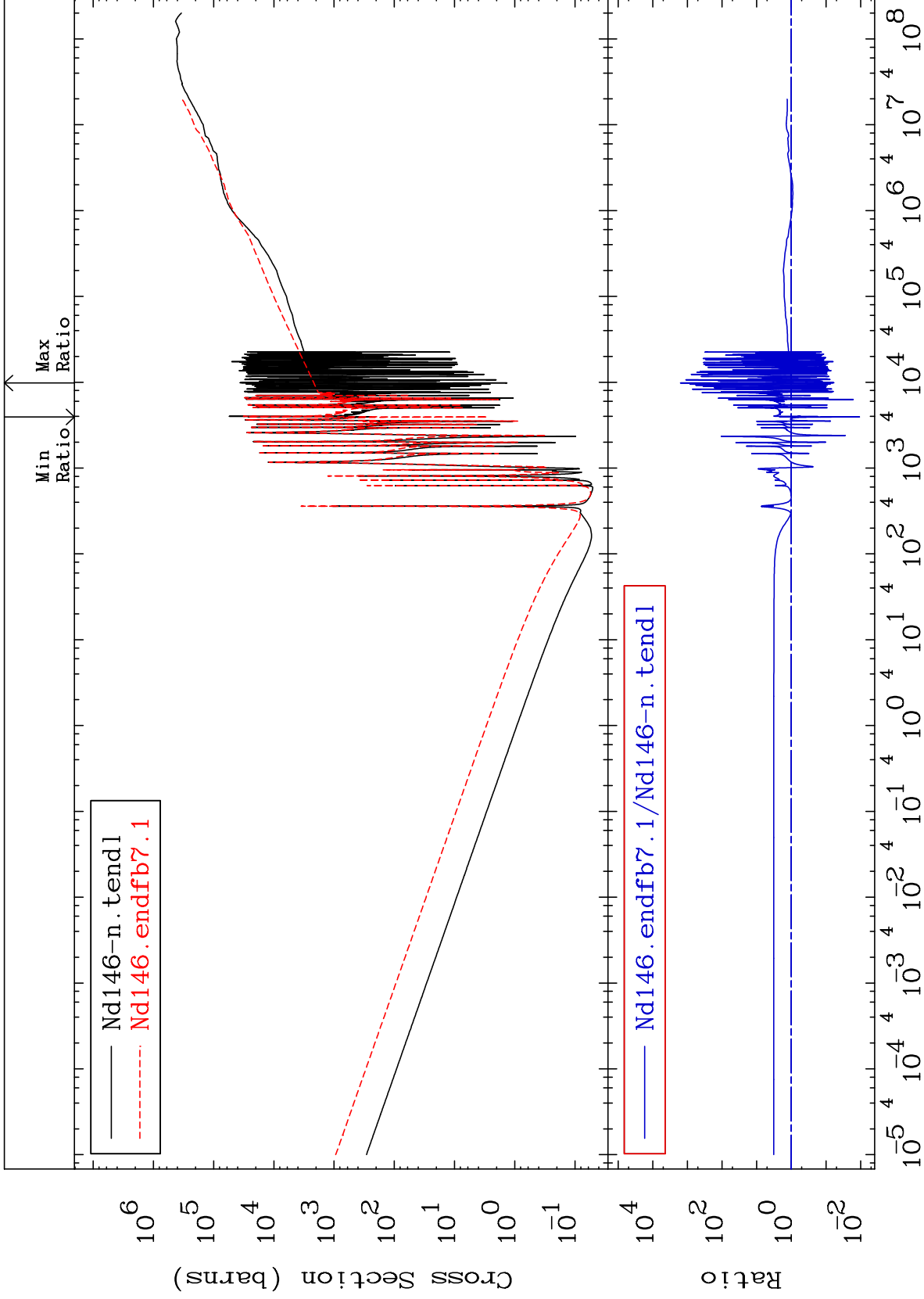
MAT 6037

Dpa total (eV-barns)

60-Nd-146

Cross Section

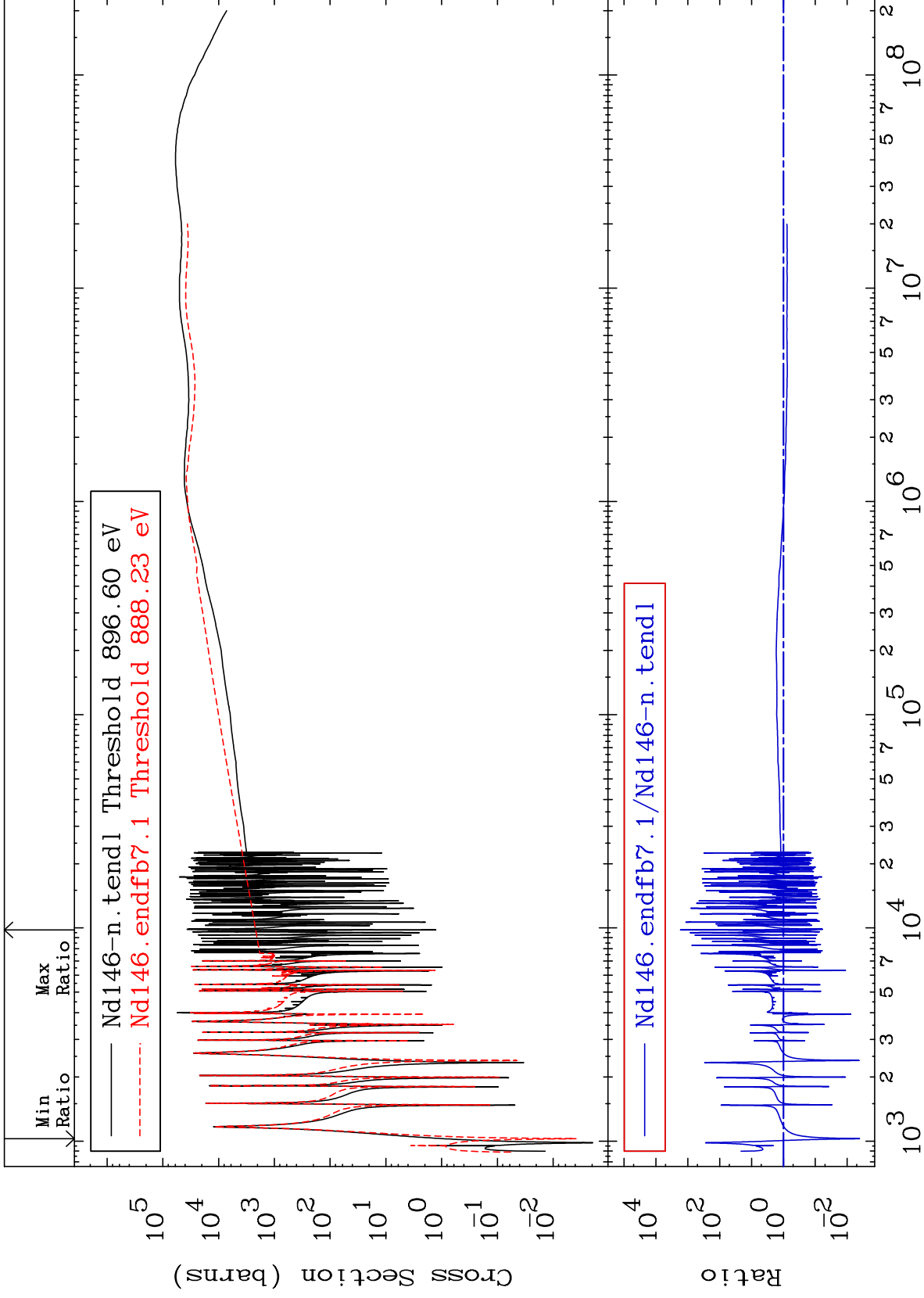
-98.92 To 9999. %



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Incident Energy (eV)

60-Nd-146



MAT 6037

Dpa inelastic (mt51-91)
Cross Section

60-Nd-146
-6.884 To 178.0 %

