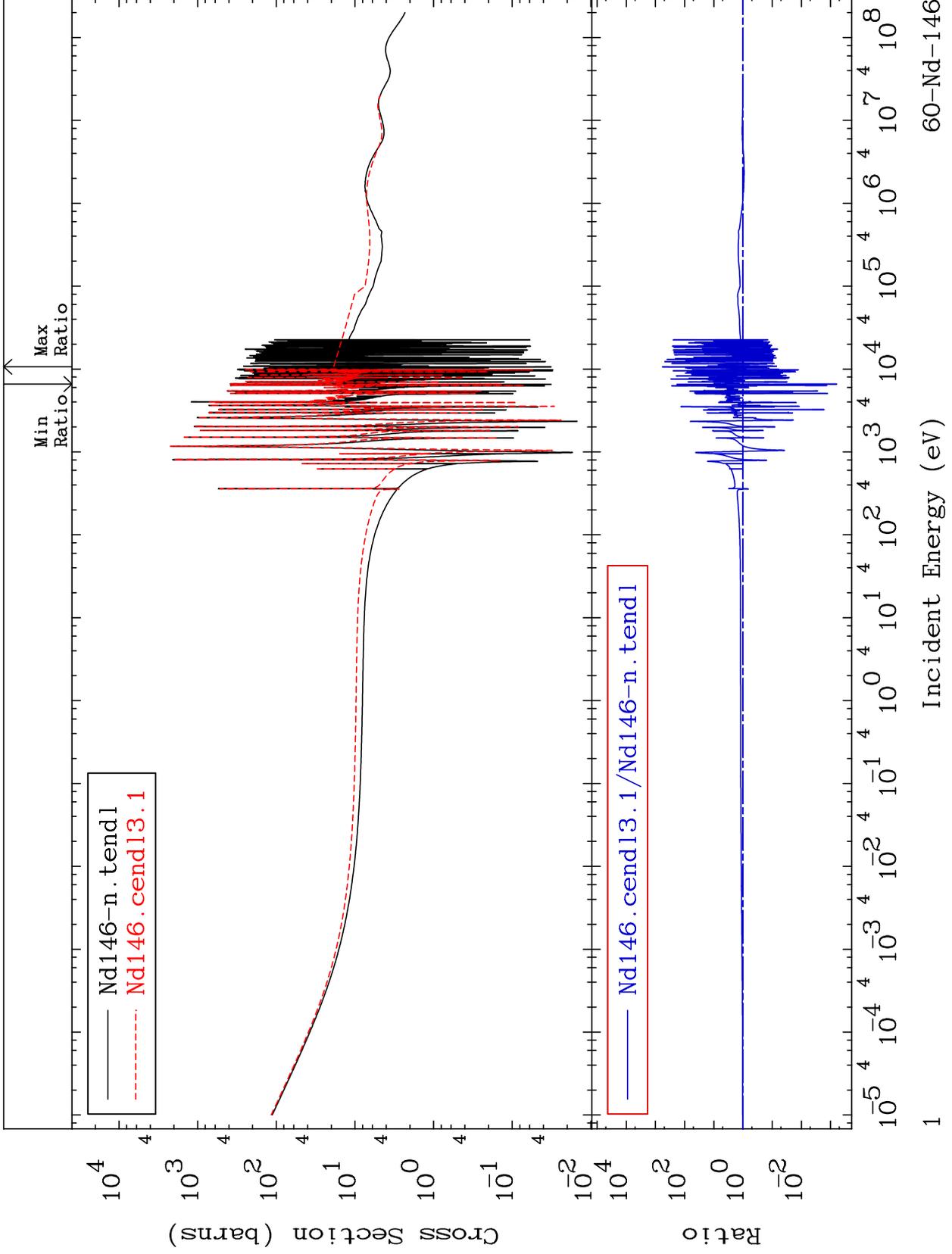


MAT 6037

Total
Cross Section

60-Nd-146
-99.94 To 9999. %

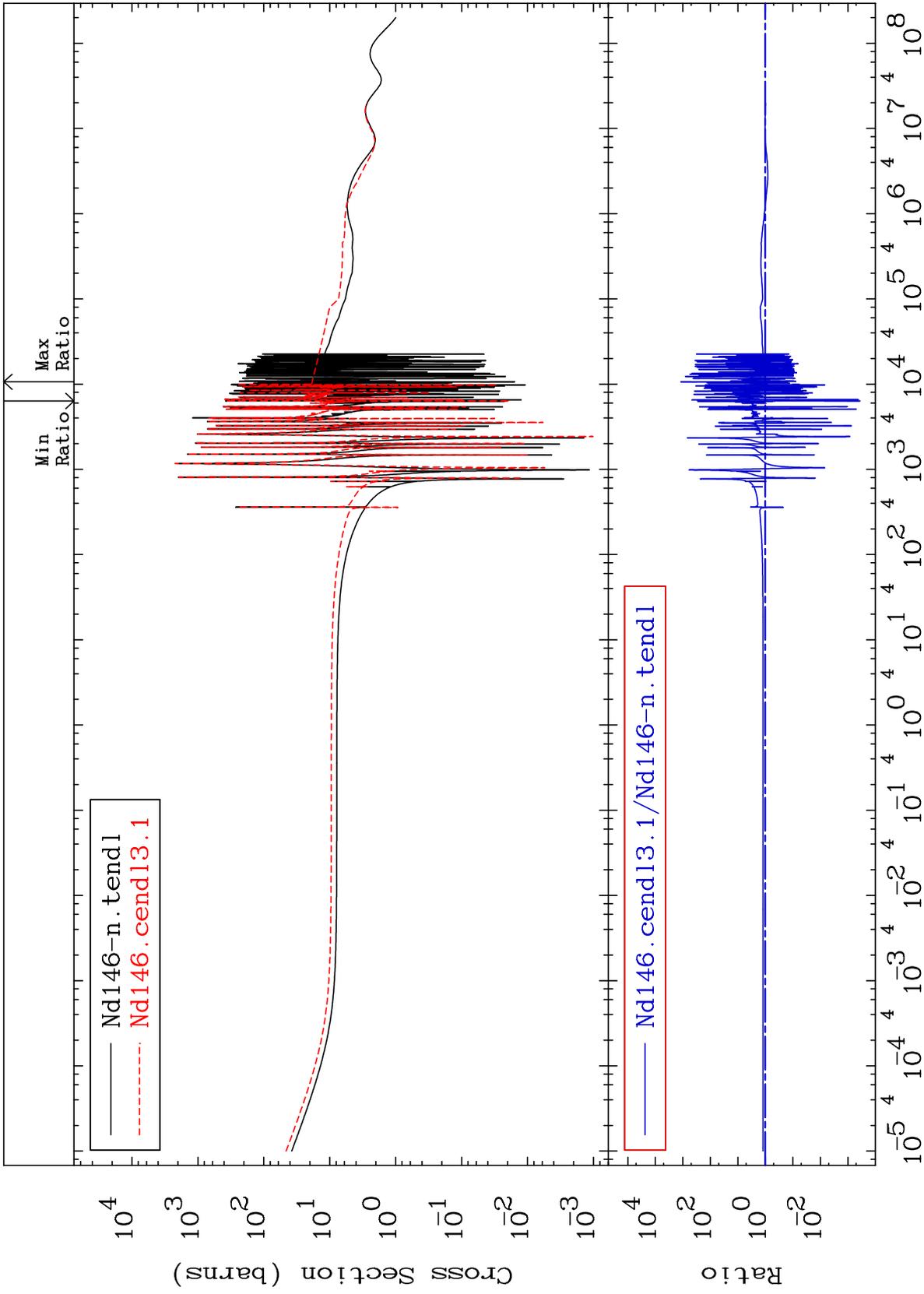


60-Nd-146

MAT 6037

Elastic
Cross Section

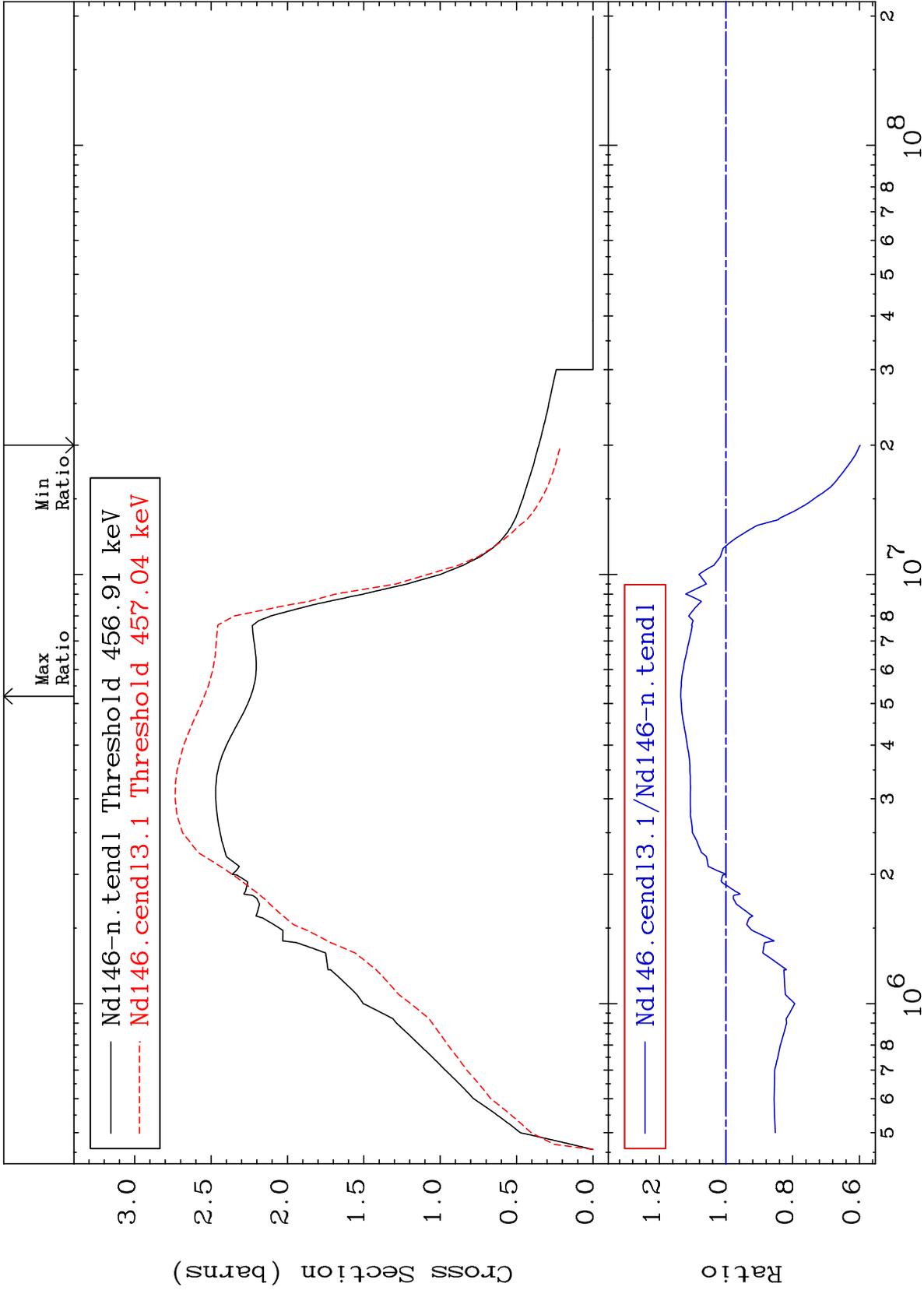
60-Nd-146
-99.96 To 9999. %



MAT 6037

Inelastic
Cross Section

60-Nd-146
-40.22 To 13.60 %



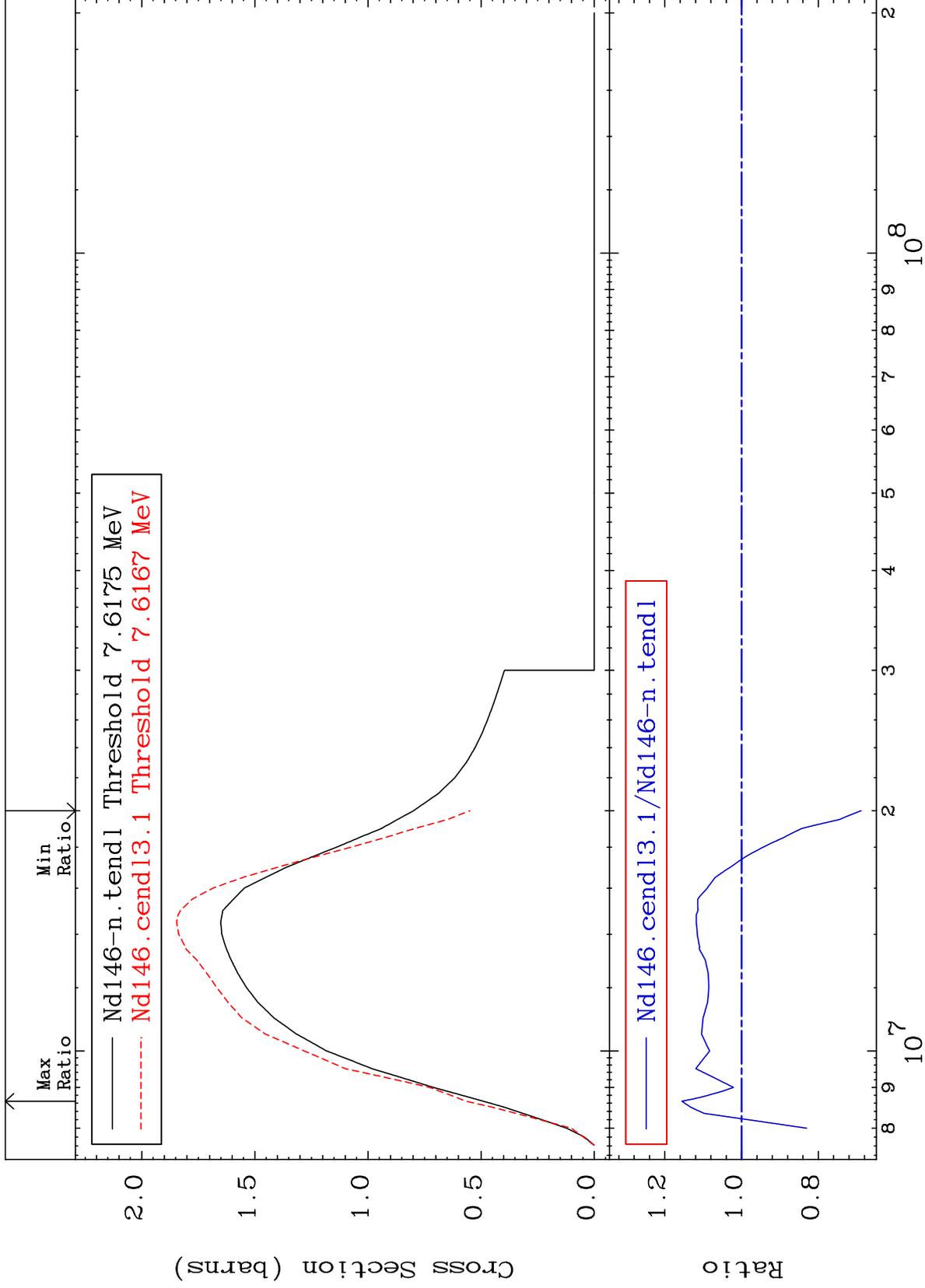
MAT 6037

(n,2n)

60-Nd-146

Cross Section

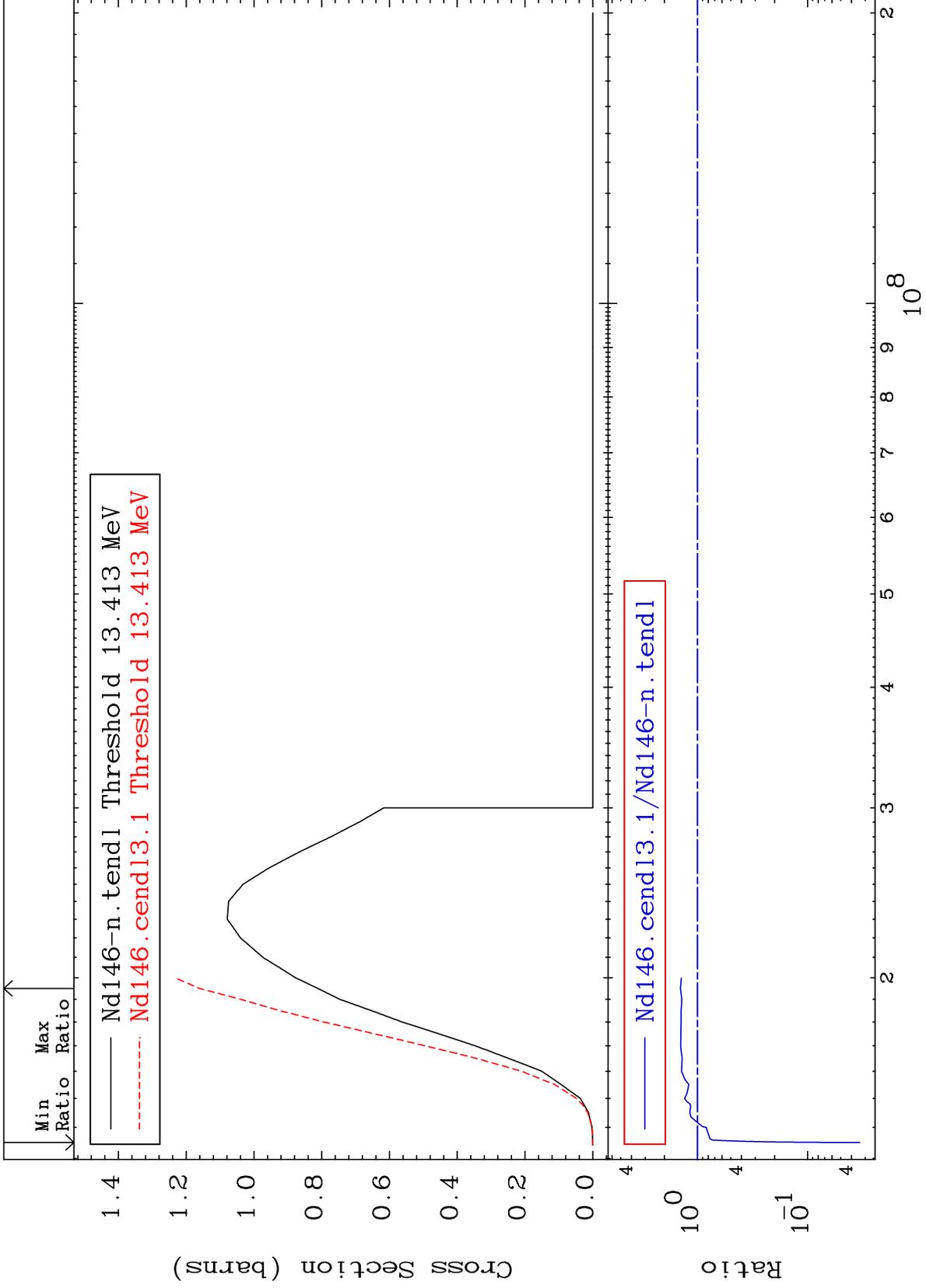
-31.15 To 15.56 %



4

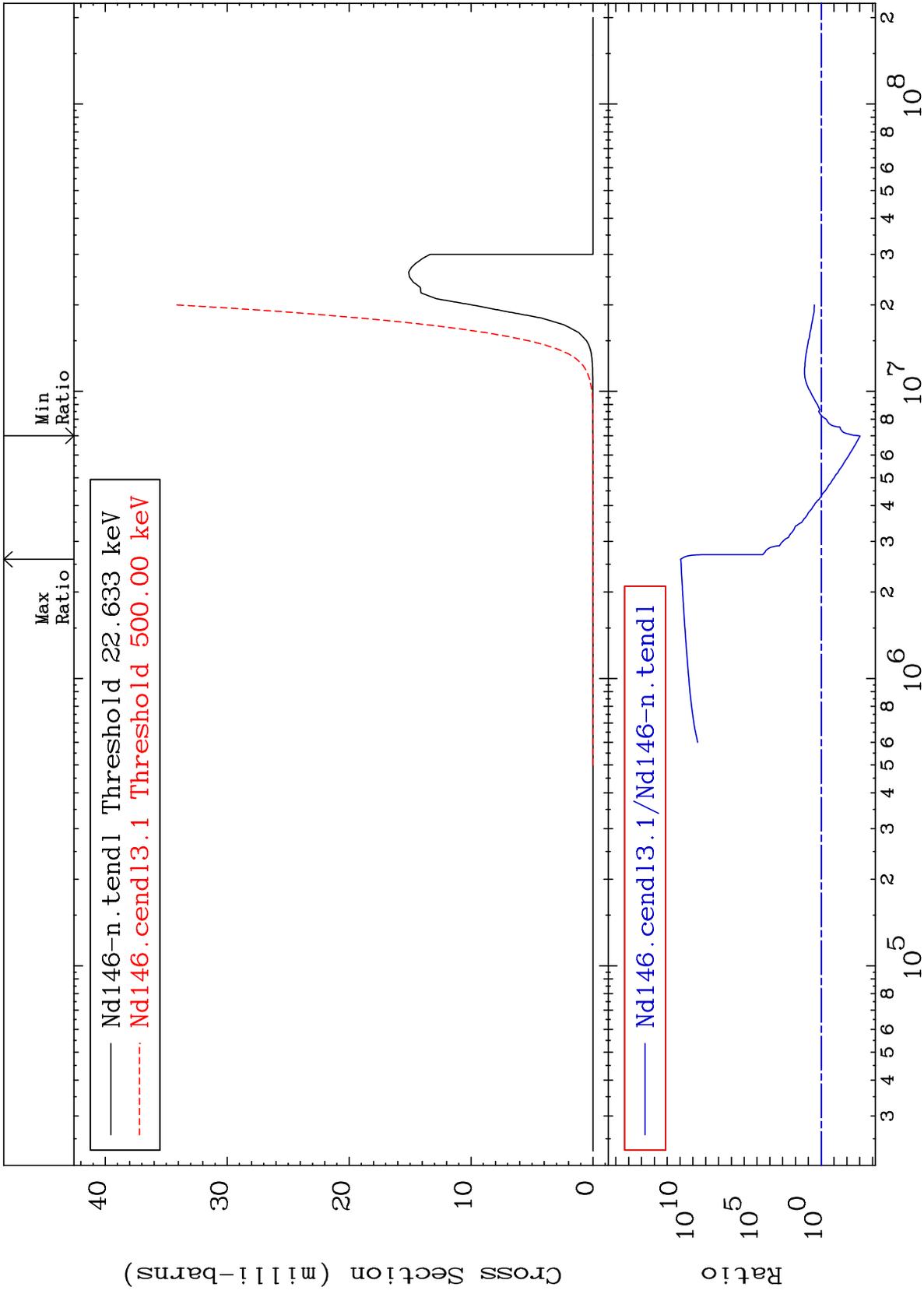
Incident Energy (eV)

60-Nd-146



MAT 6037

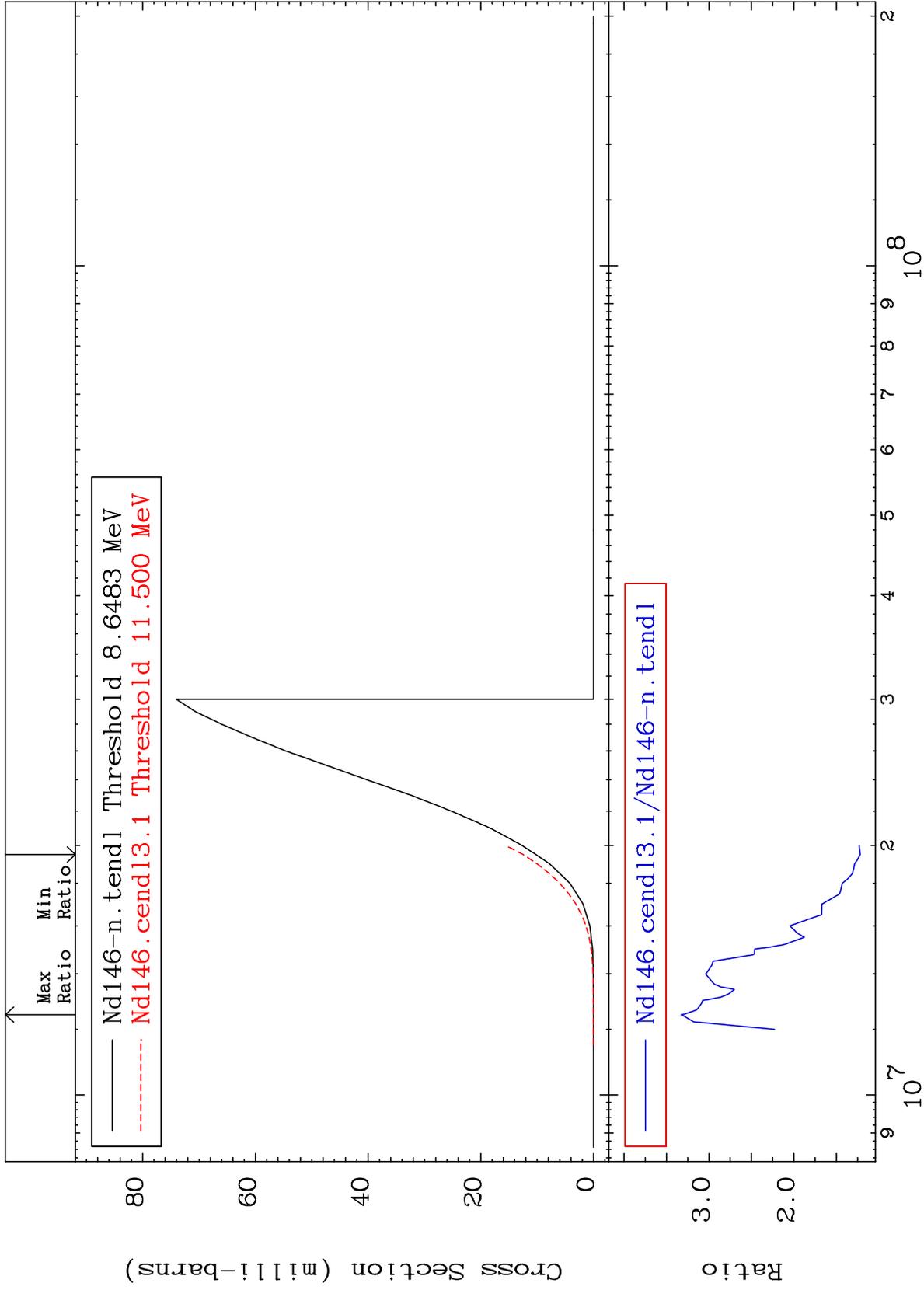
$(n, n') \alpha$ Cross Section
60-Nd-146
-99.91 To 9999. %



MAT 6037

(n, n') p
Cross Section

60-Nd-146
21.94 To 232.7 %



7

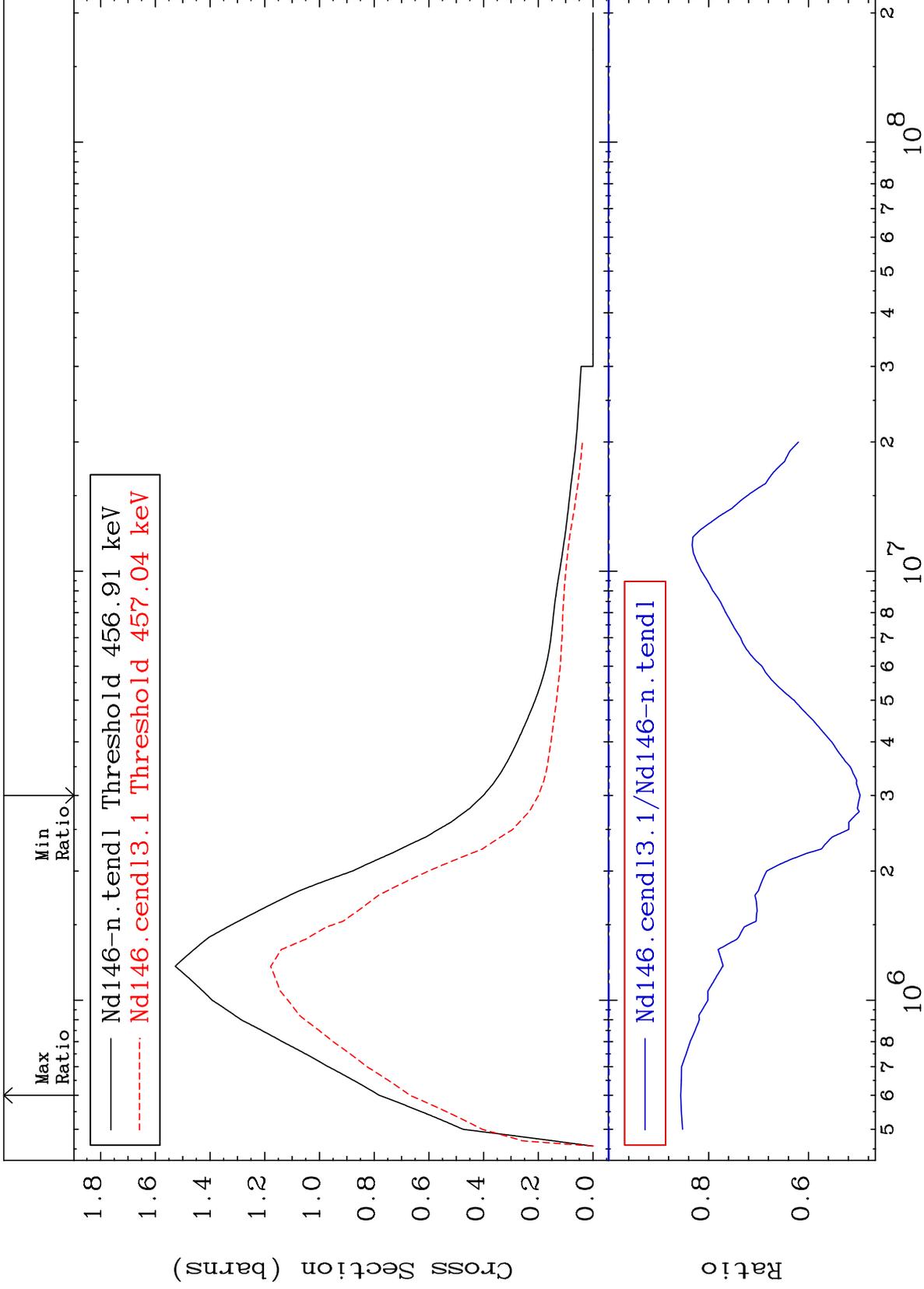
Incident Energy (eV)

60-Nd-146

MAT 6037

453.8 keV (n,n') Level
Cross Section

60-Nd-146
-50.34 To -14.42%



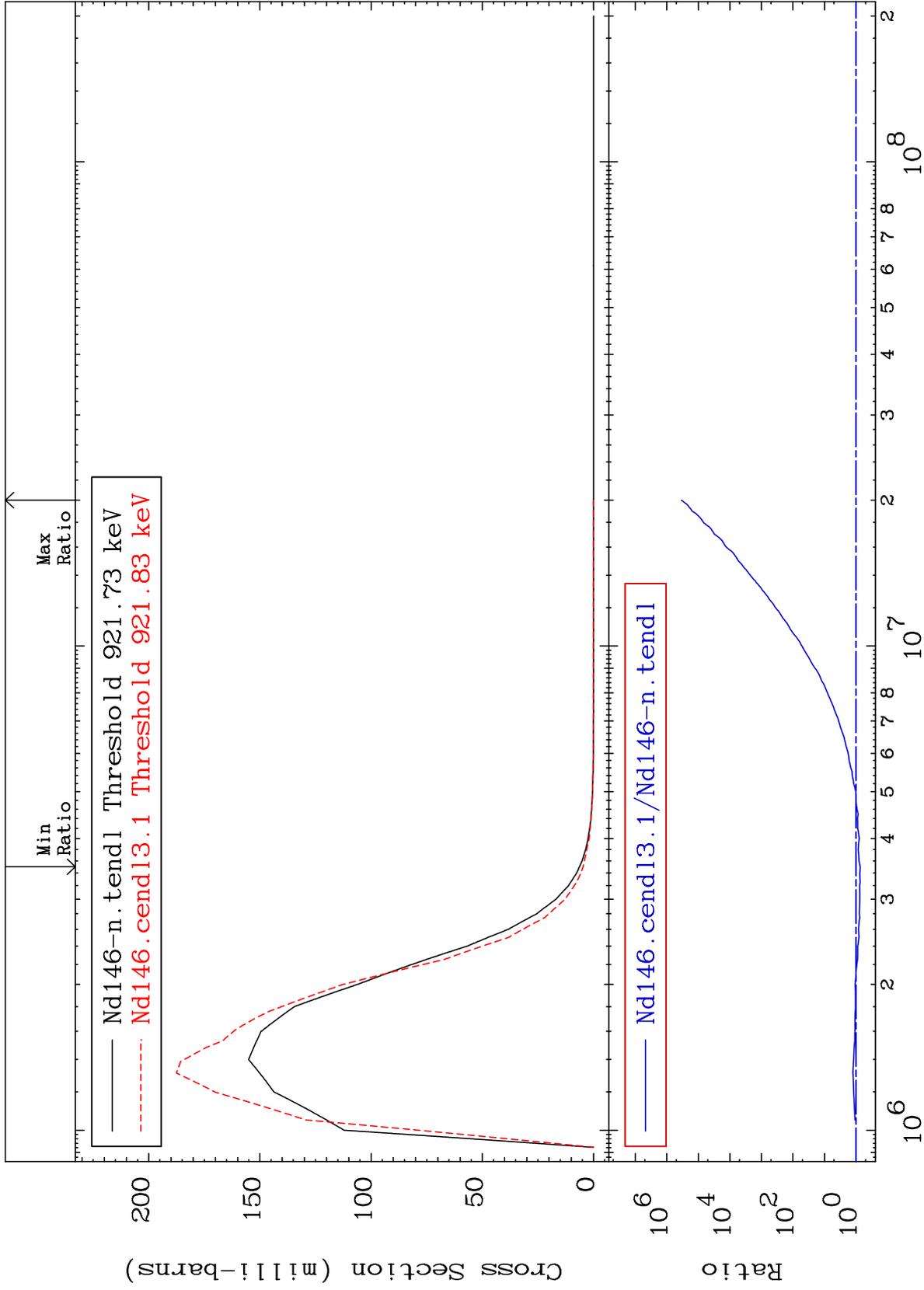
MAT 6037

915.4 keV (n,n') Level

60-Nd-146

-26.28 To 9999. %

Cross Section



9

Incident Energy (eV)

60-Nd-146

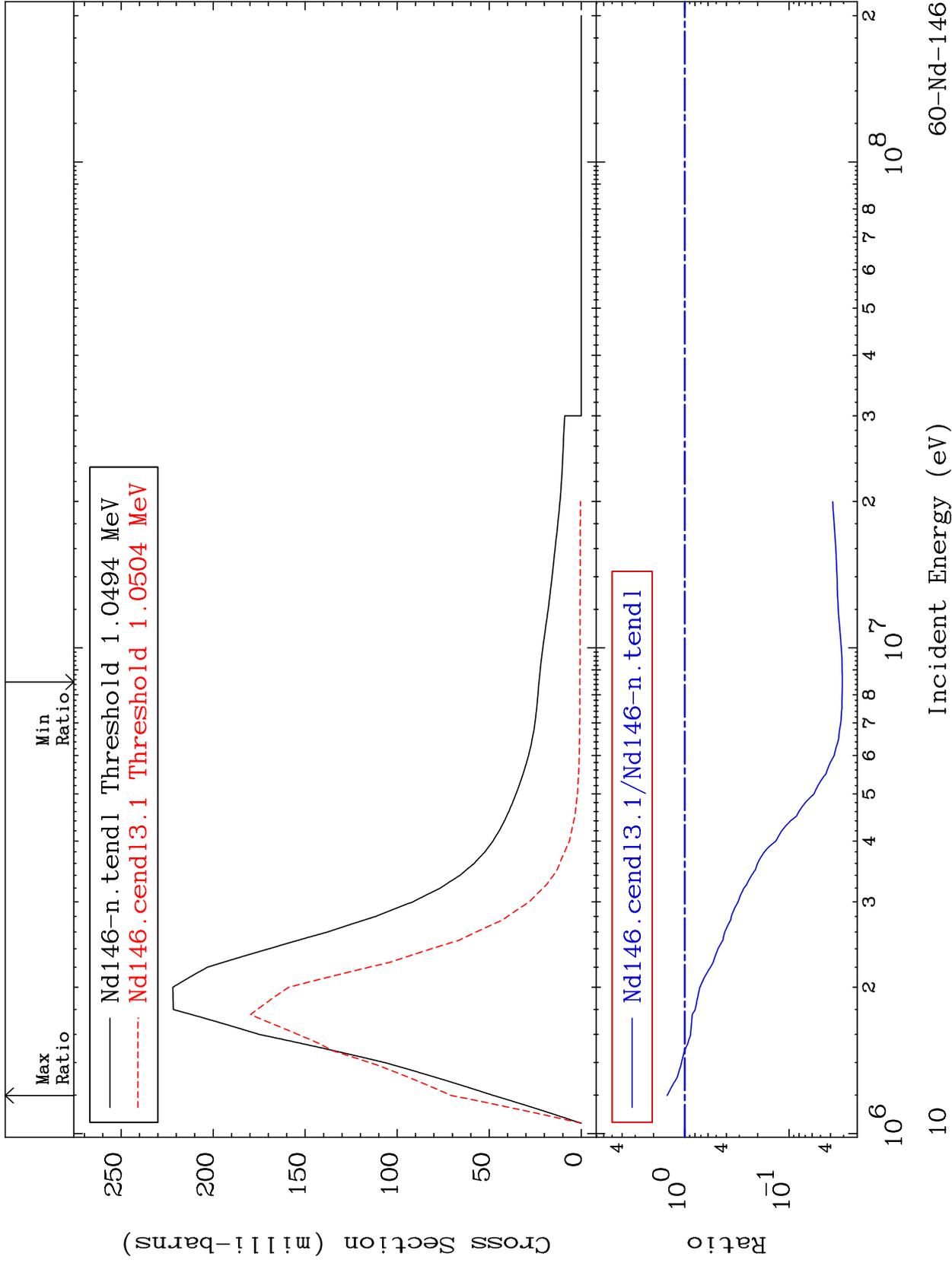
MAT 6037

1.042 MeV (n,n') Level

60-Nd-146

-96.92 To 48.15 %

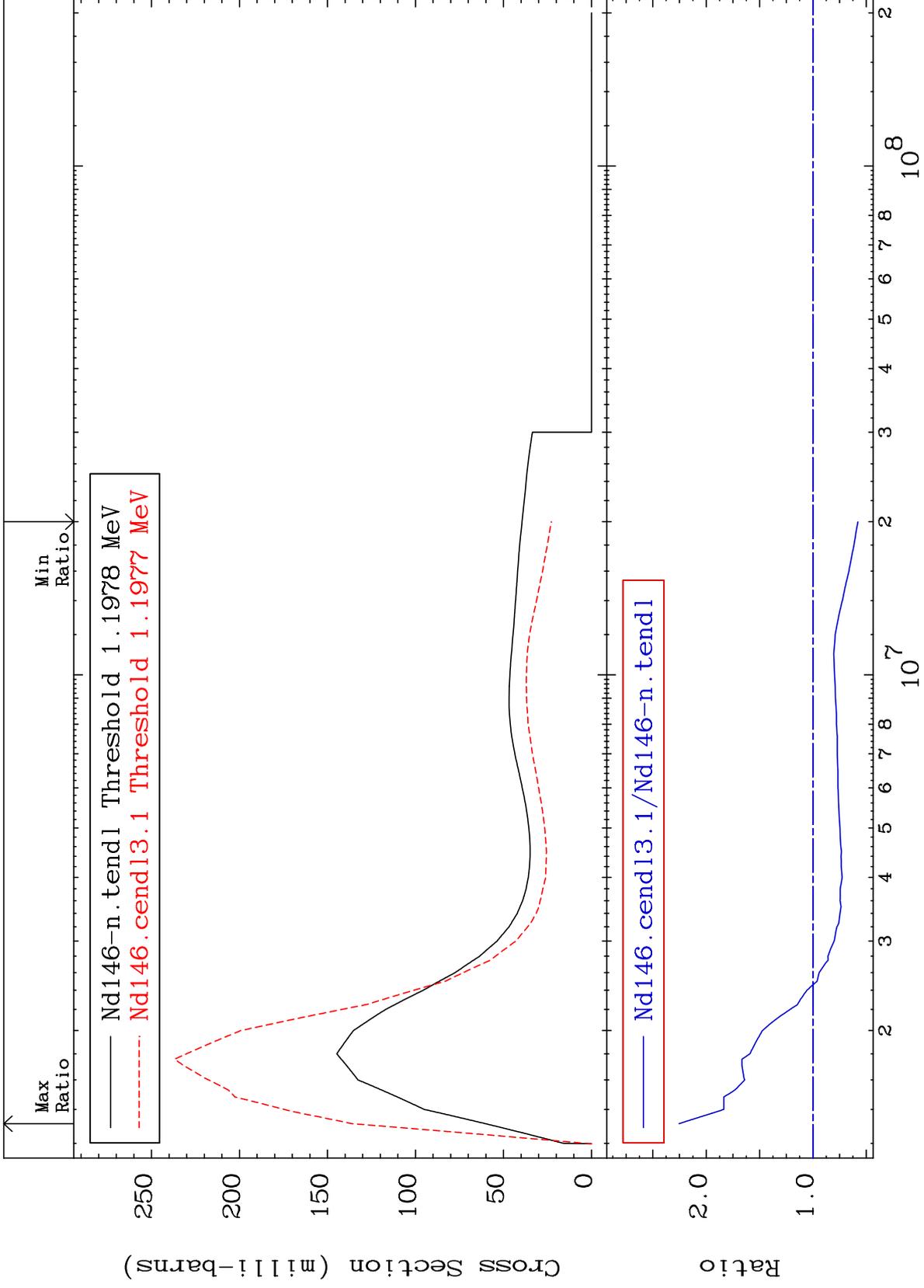
Cross Section



MAT 6037

1.190 MeV (n,n') Level
Cross Section

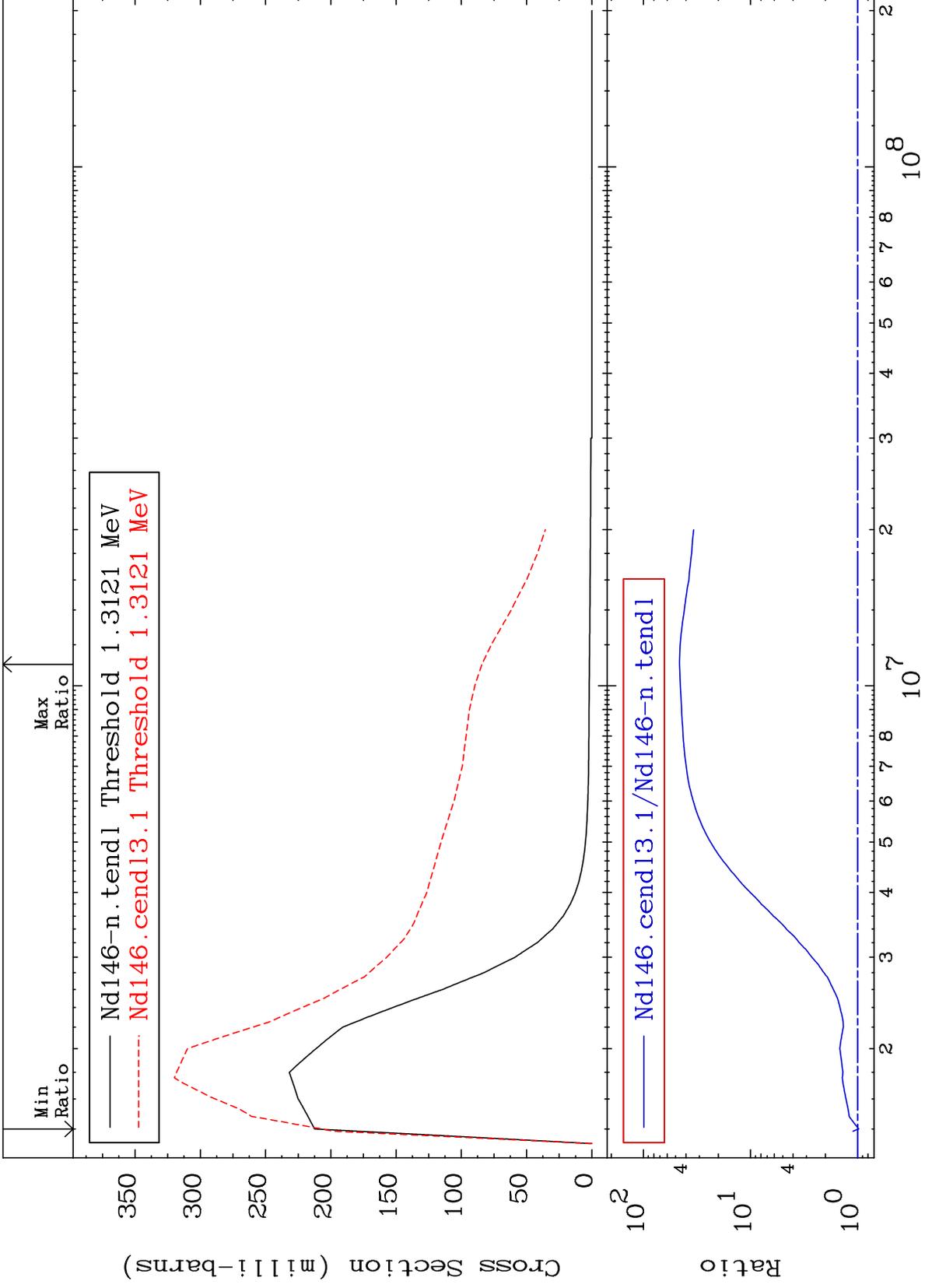
60-Nd-146
-42.25 To 125.4 %



MAT 6037

1.303 MeV (n,n') Level
Cross Section

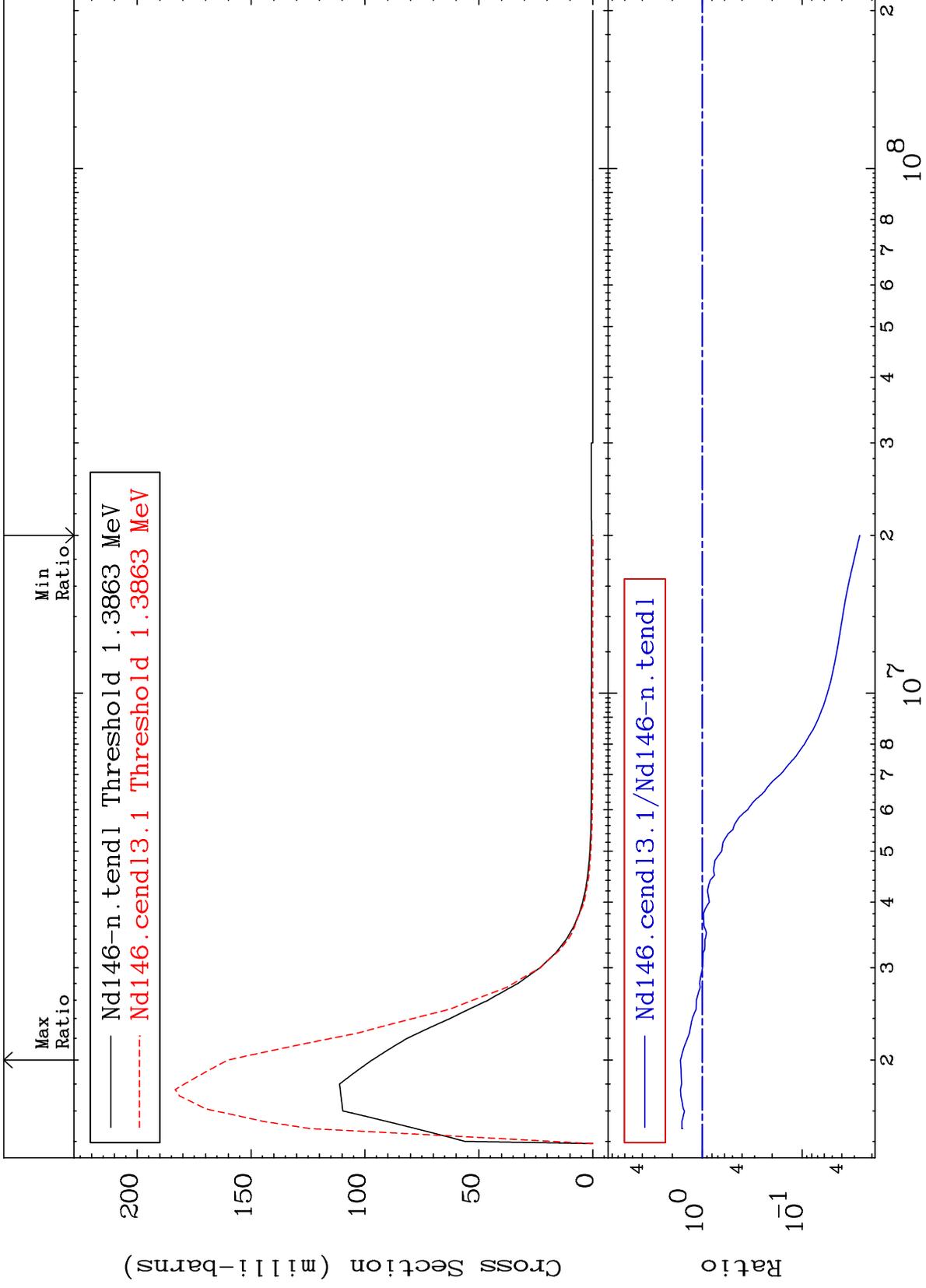
60-Nd-146
-2.578 To 4496. %



MAT 6037

1.377 MeV (n,n') Level
Cross Section

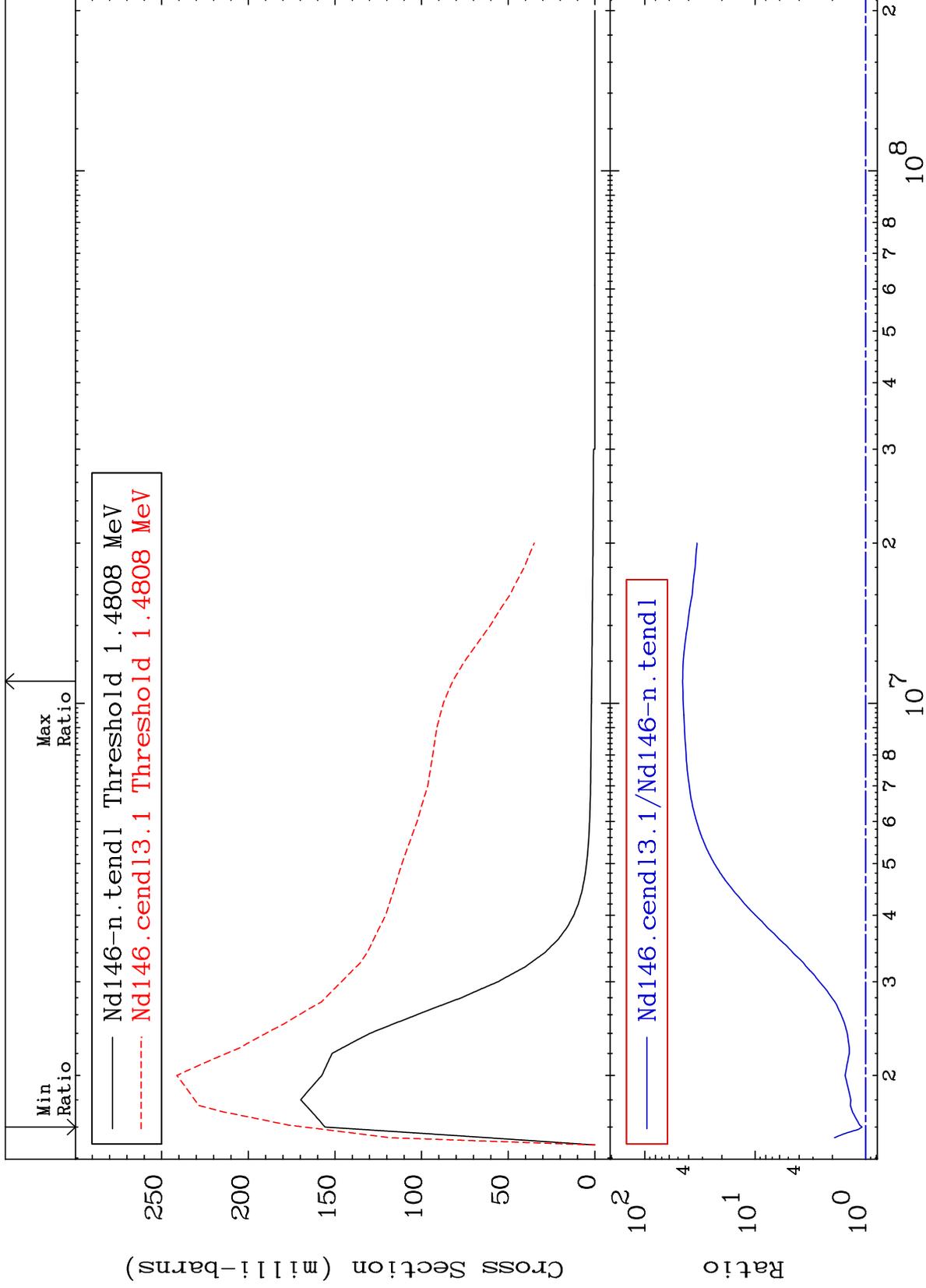
60-Nd-146
-97.35 To 65.37 %



MAT 6037

1.471 MeV (n,n') Level
Cross Section

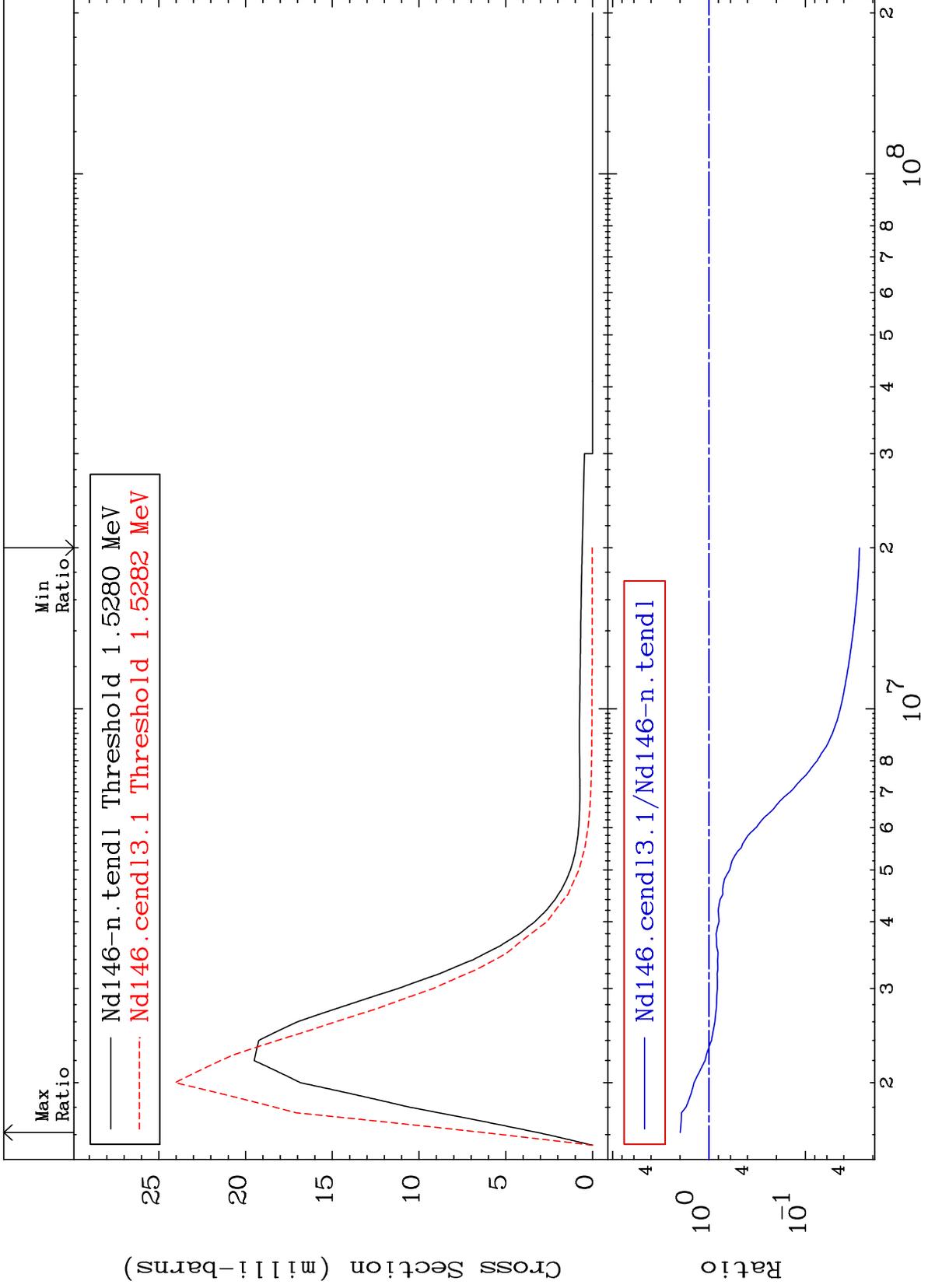
60-Nd-146
7.564 To 4433. %



MAT 6037

1.518 MeV (n,n') Level
Cross Section

60-Nd-146
-97.24 To 98.72 %



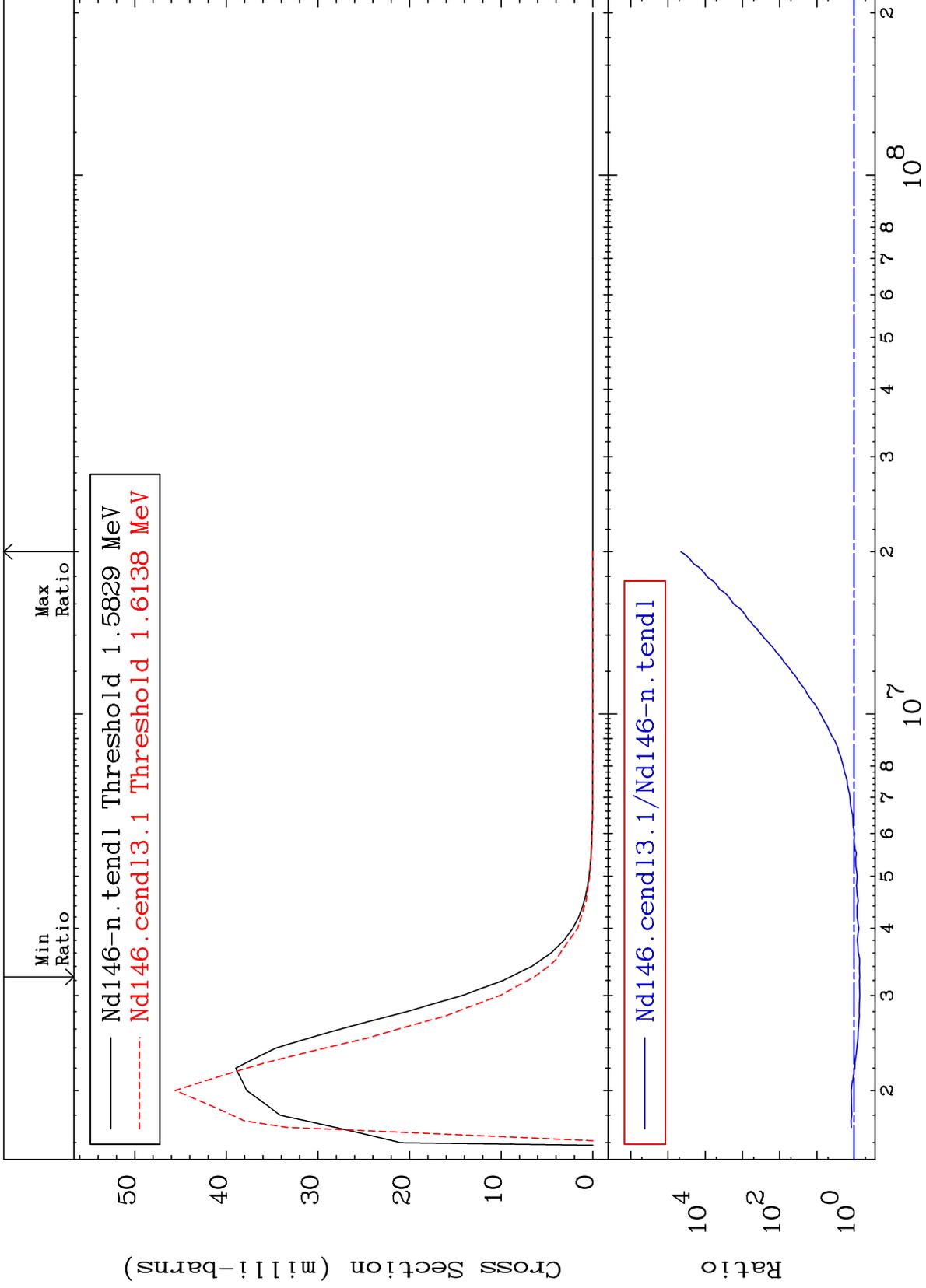
15

60-Nd-146

MAT 6037

1.572 MeV (n,n') Level
Cross Section

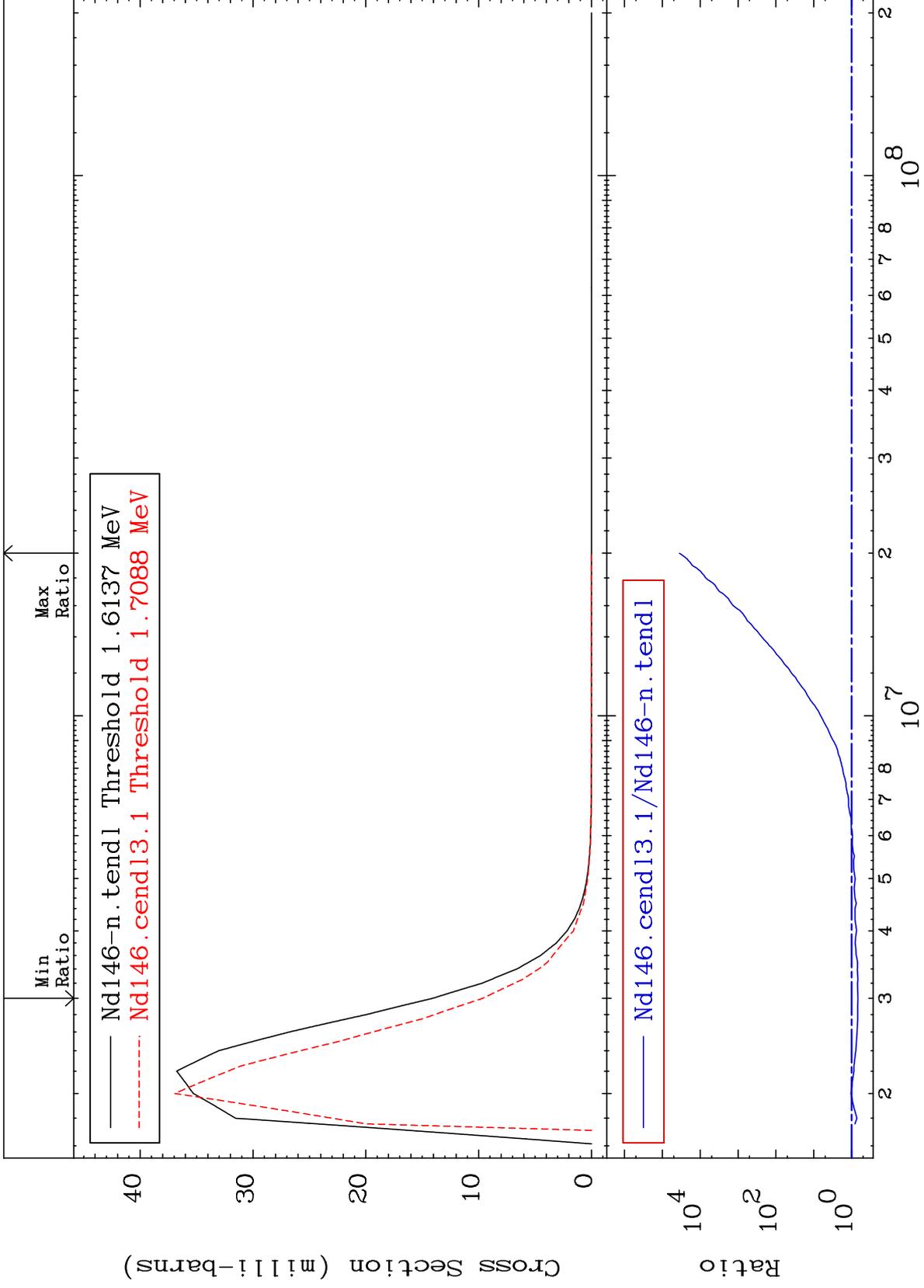
60-Nd-146
-29.30 To 9999. %



MAT 6037

1.603 MeV (n,n') Level
Cross Section

60-Nd-146
-31.56 To 9999. %



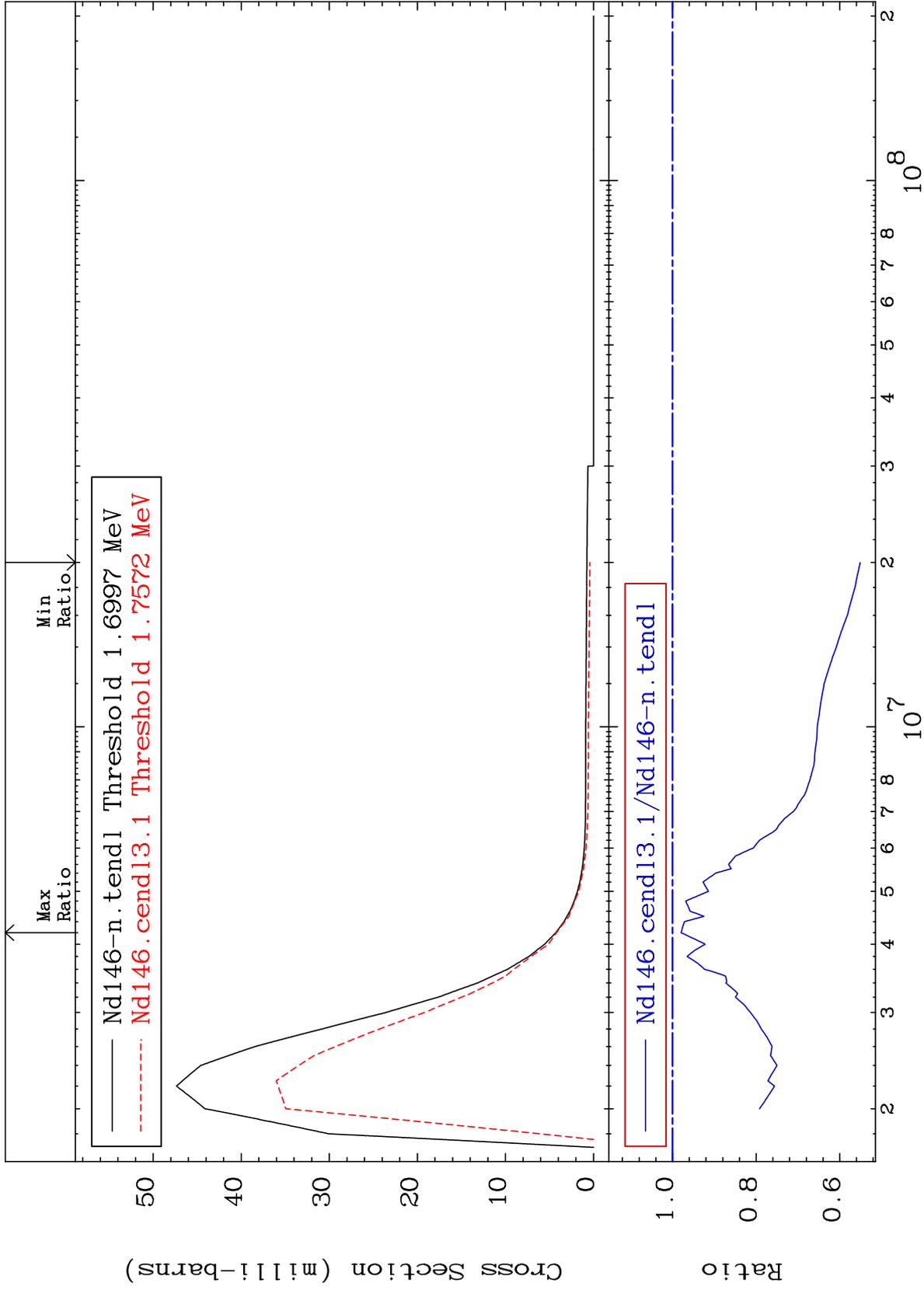
MAT 6037

1.688 MeV (n,n') Level

60-Nd-146

-44.89 To -2.058%

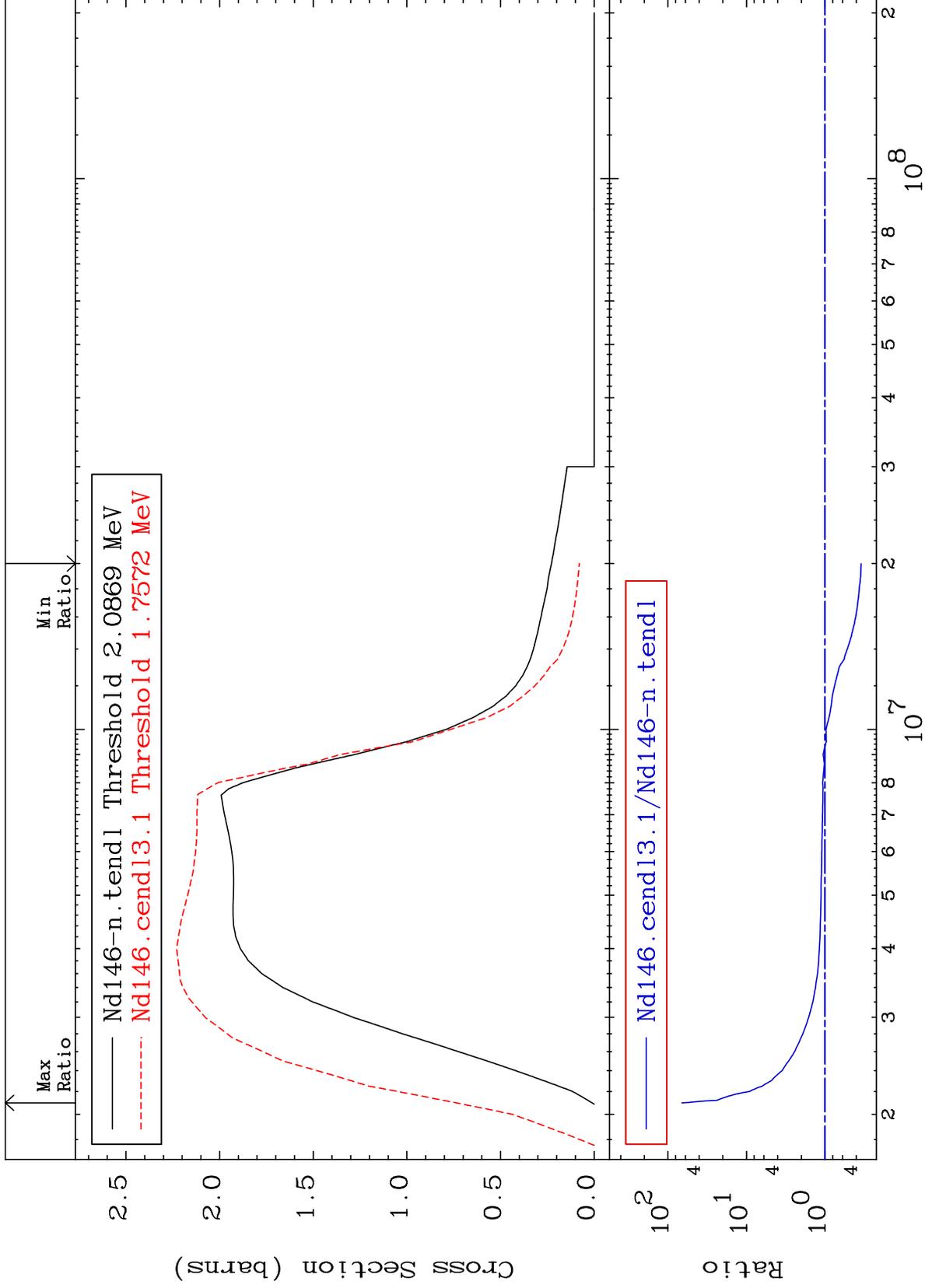
Cross Section



MAT 6037

(n, n') Continuum
Cross Section

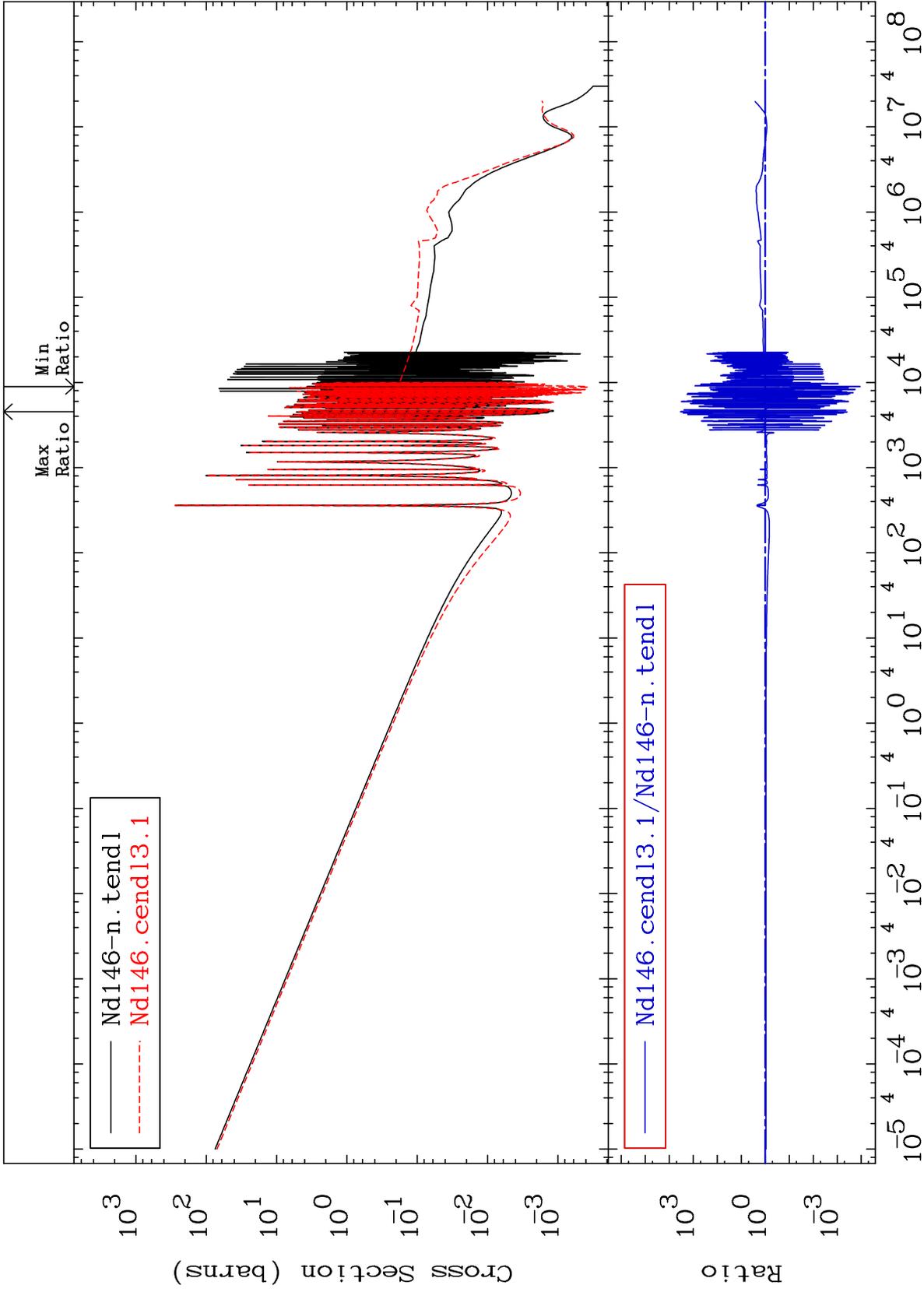
60-Nd-146
-65.29 To 6536. %



MAT 6037

(n, γ)
Cross Section

60-Nd-146
-99.99 To 9999. %

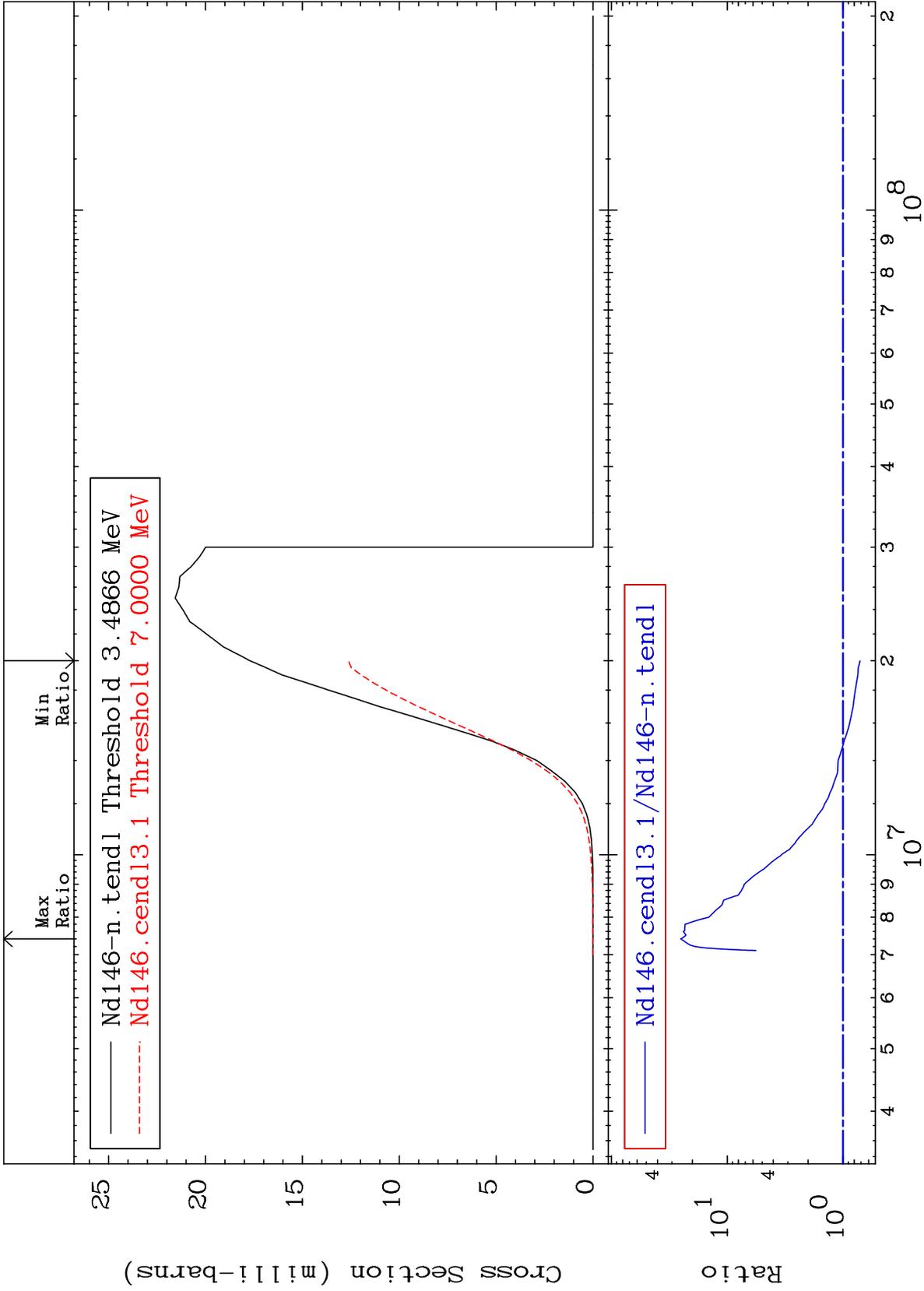


20

60-Nd-146

Cross Section

-28.73 To 2418. %



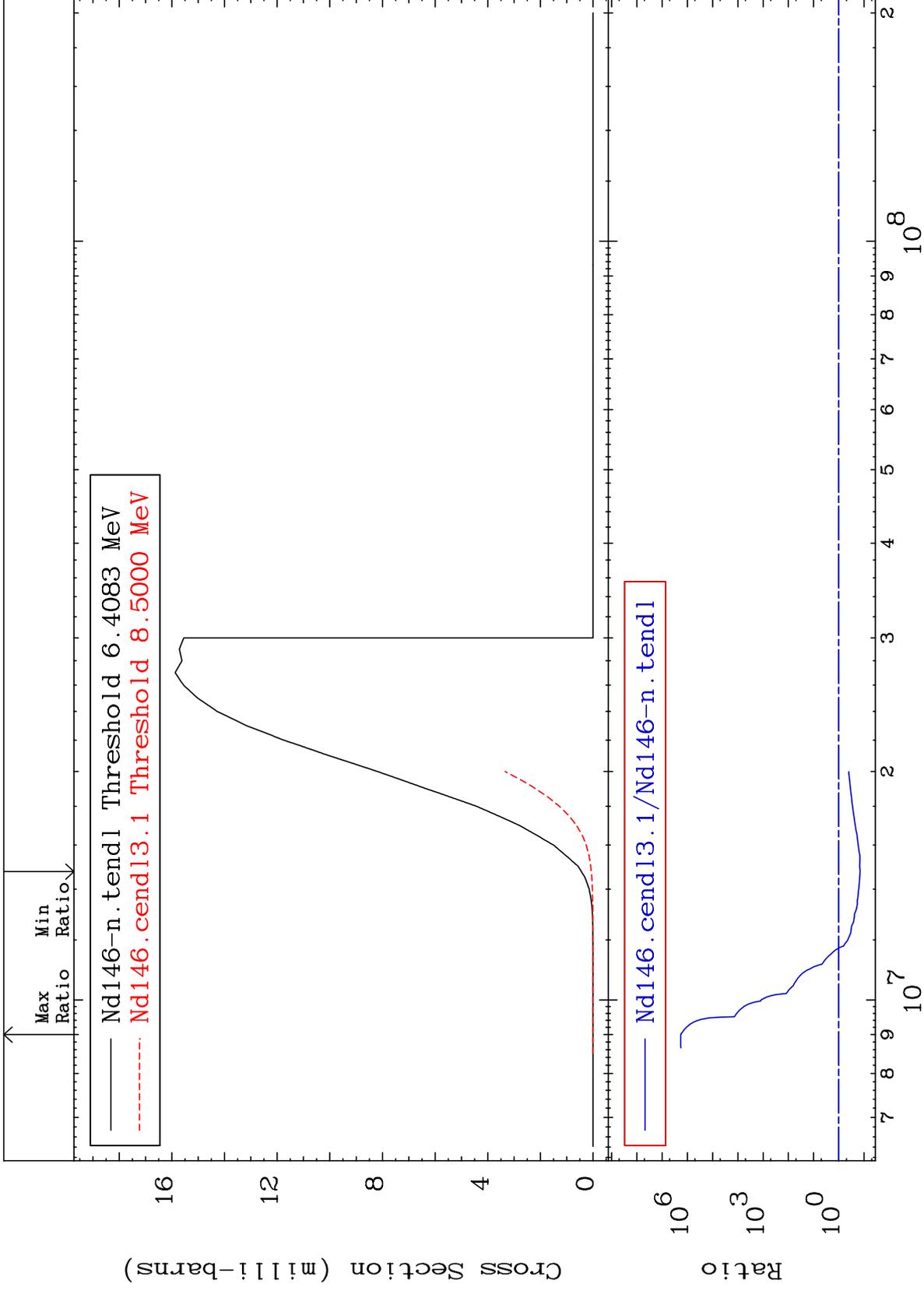
MAT 6037

(n, d)

60-Nd-146

Cross Section

-85.58 To 9999. %



22

Incident Energy (eV)

60-Nd-146

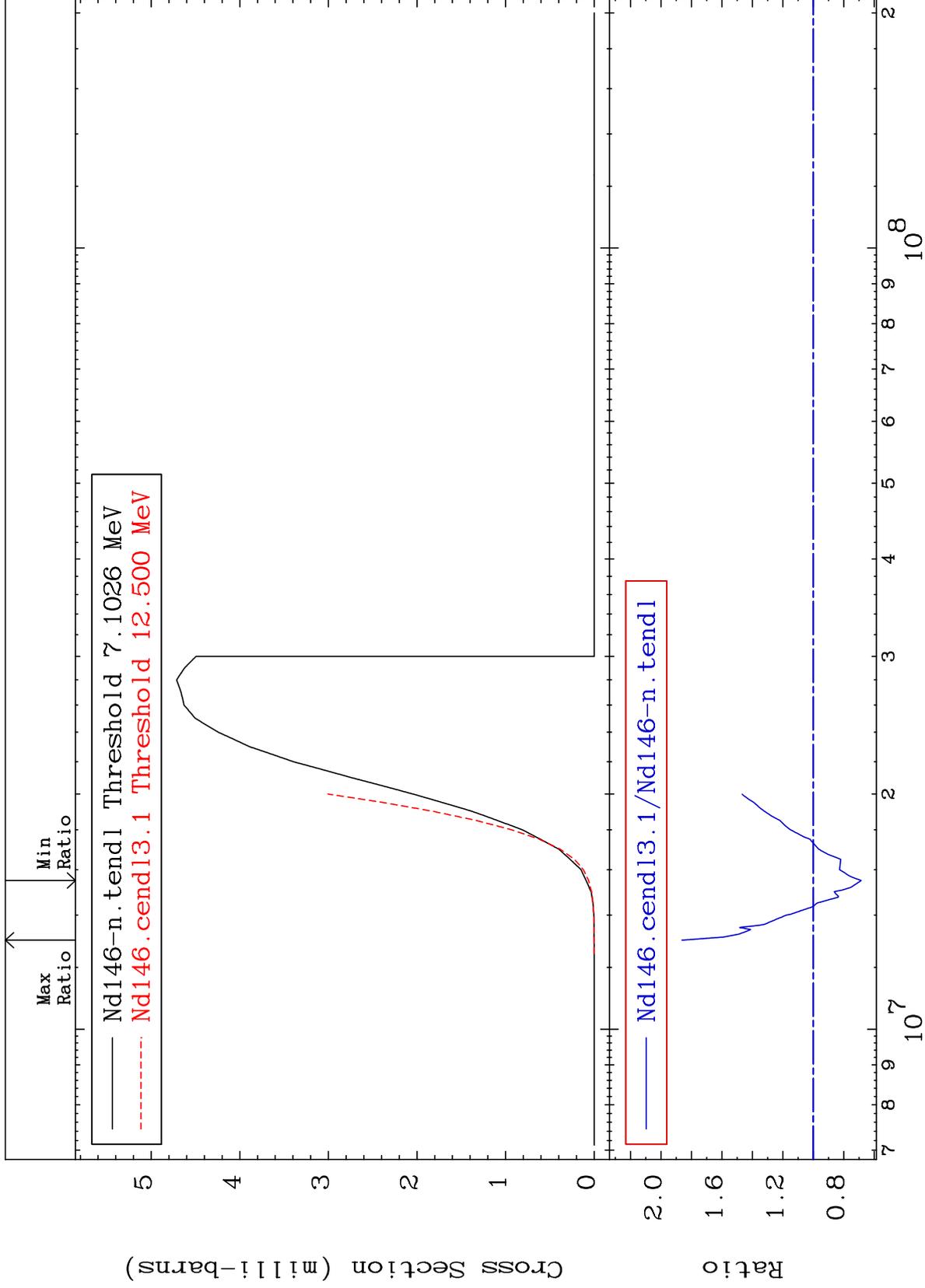
MAT 6037

(n, t)

60-Nd-146

Cross Section

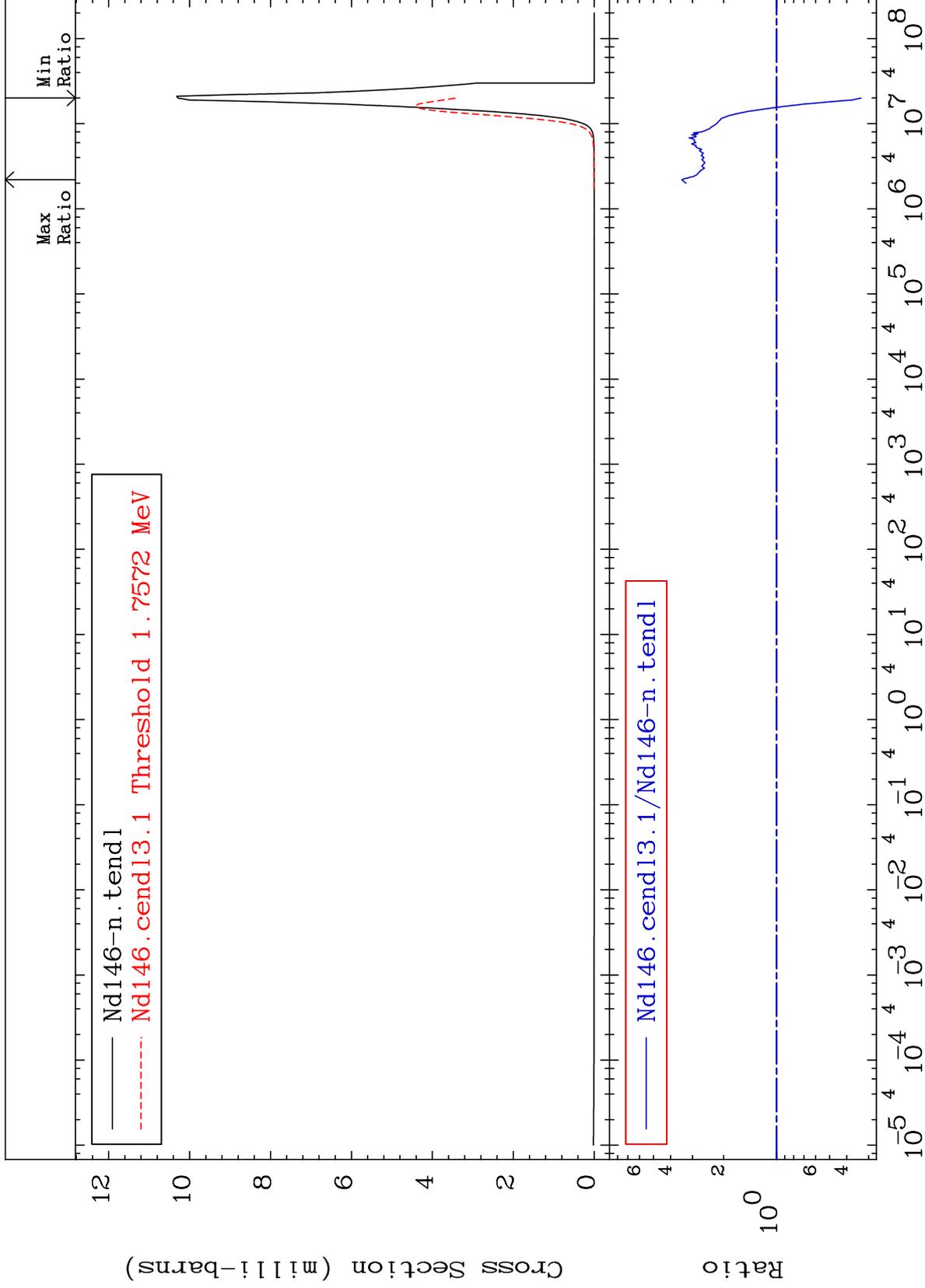
-31.40 To 86.28 %



MAT 6037

(n, α)
Cross Section

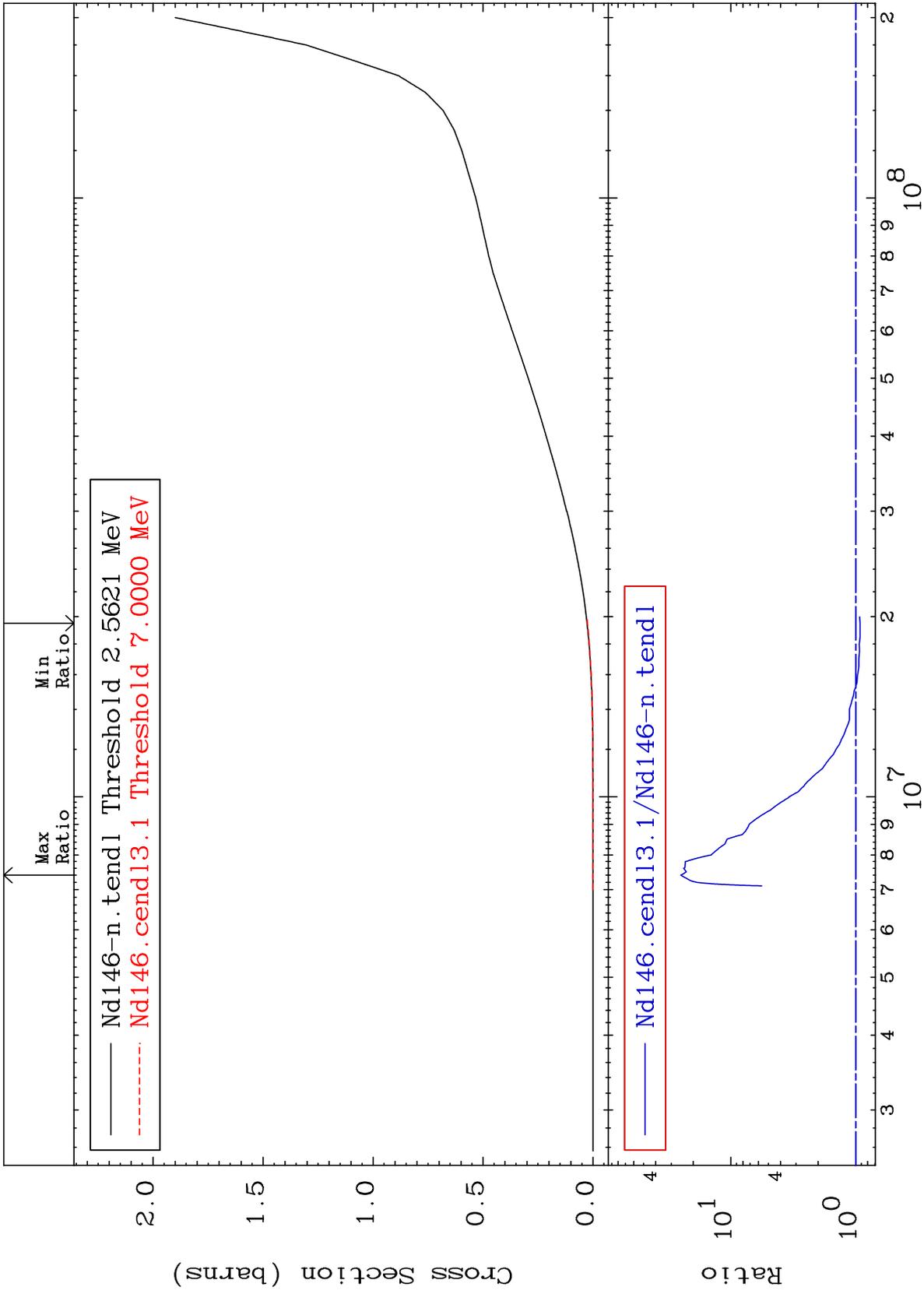
60-Nd-146
-66.88 To 244.8 %



24

Incident Energy (eV)

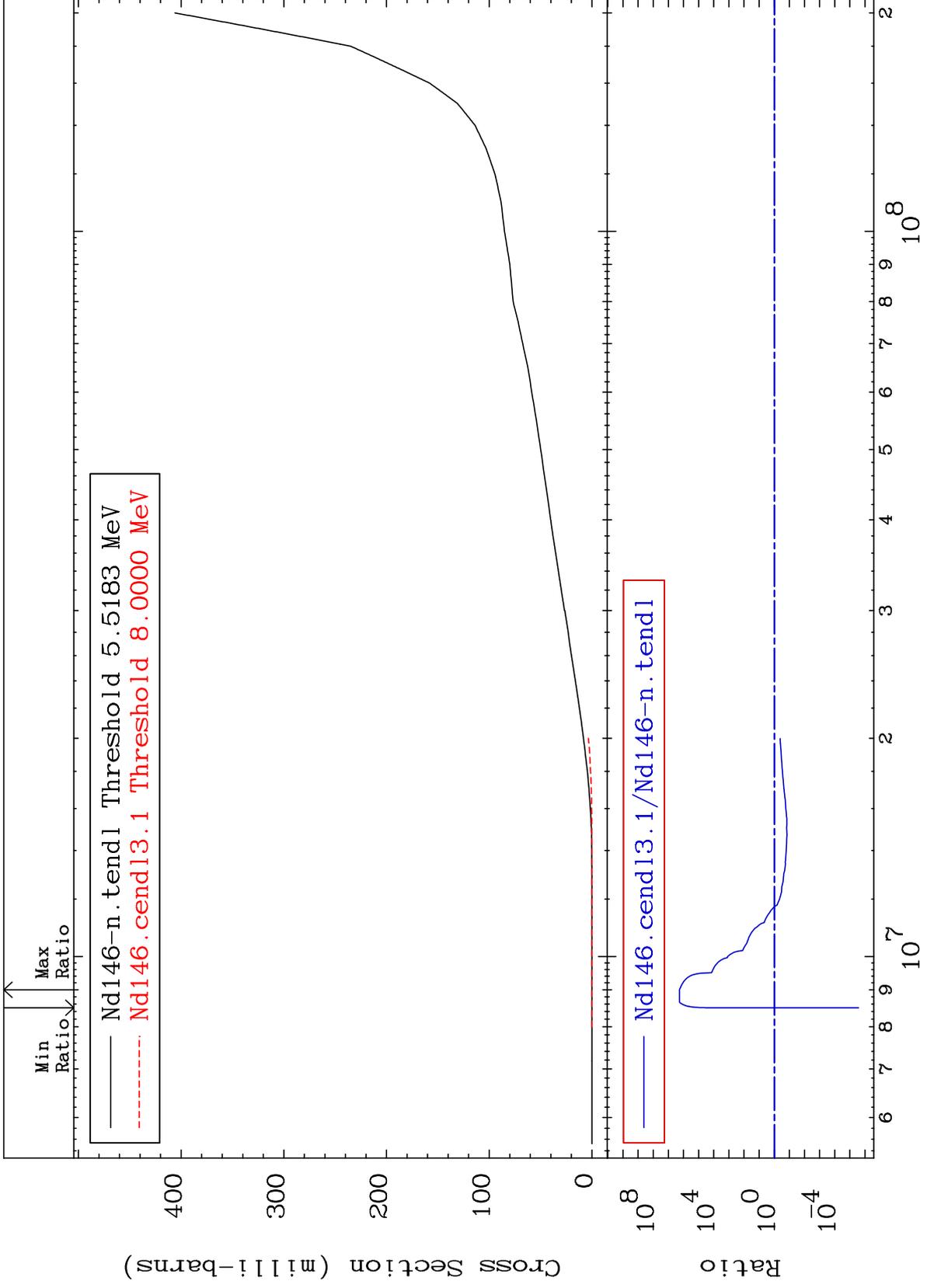
60-Nd-146



MAT 6037

Deuterium Production
Cross Section

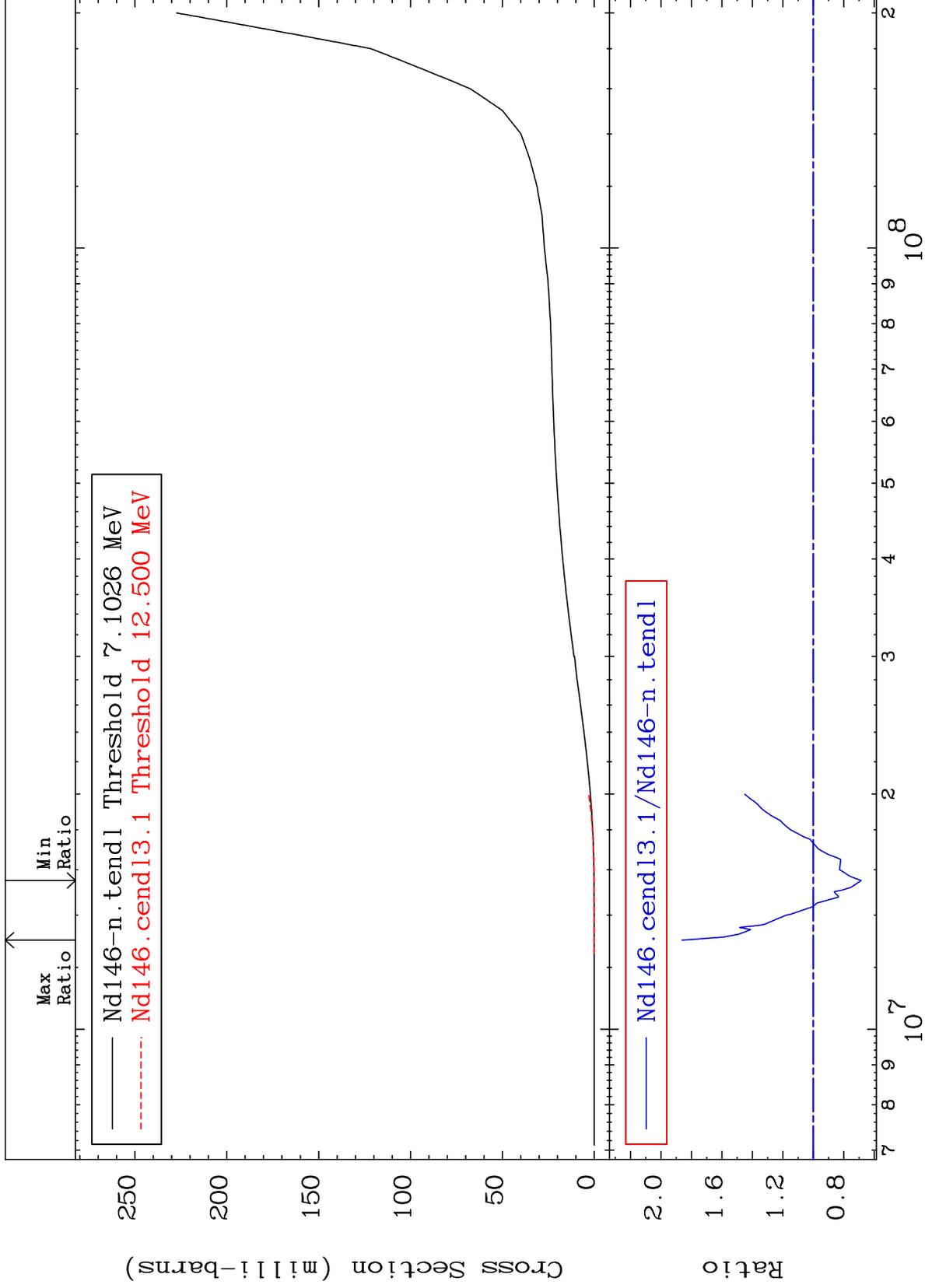
60-Nd-146
-100.0 To 9999. %



MAT 6037

Tritium Production
Cross Section

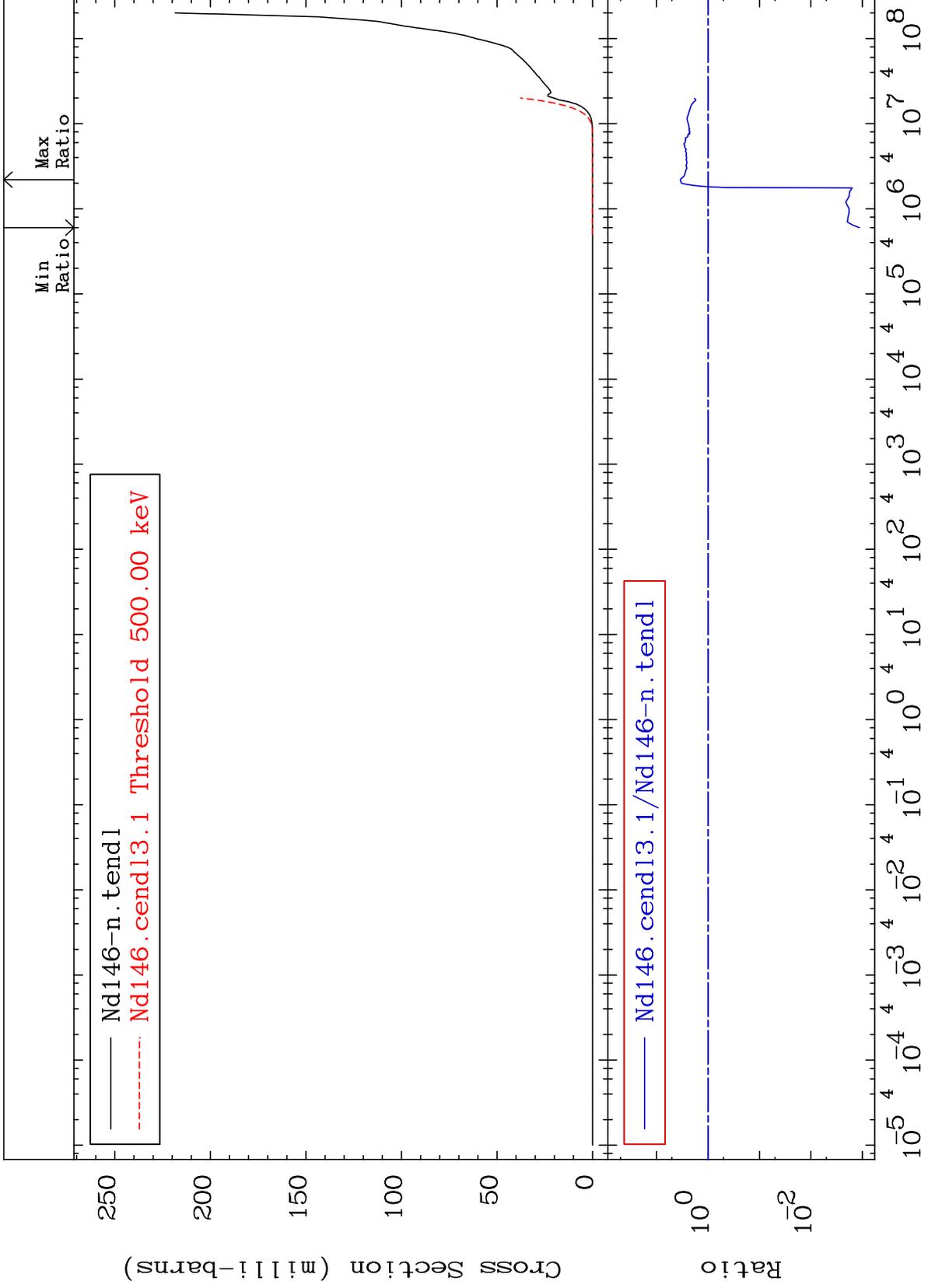
60-Nd-146
-31.40 To 86.28 %



MAT 6037

He-4 Production
Cross Section

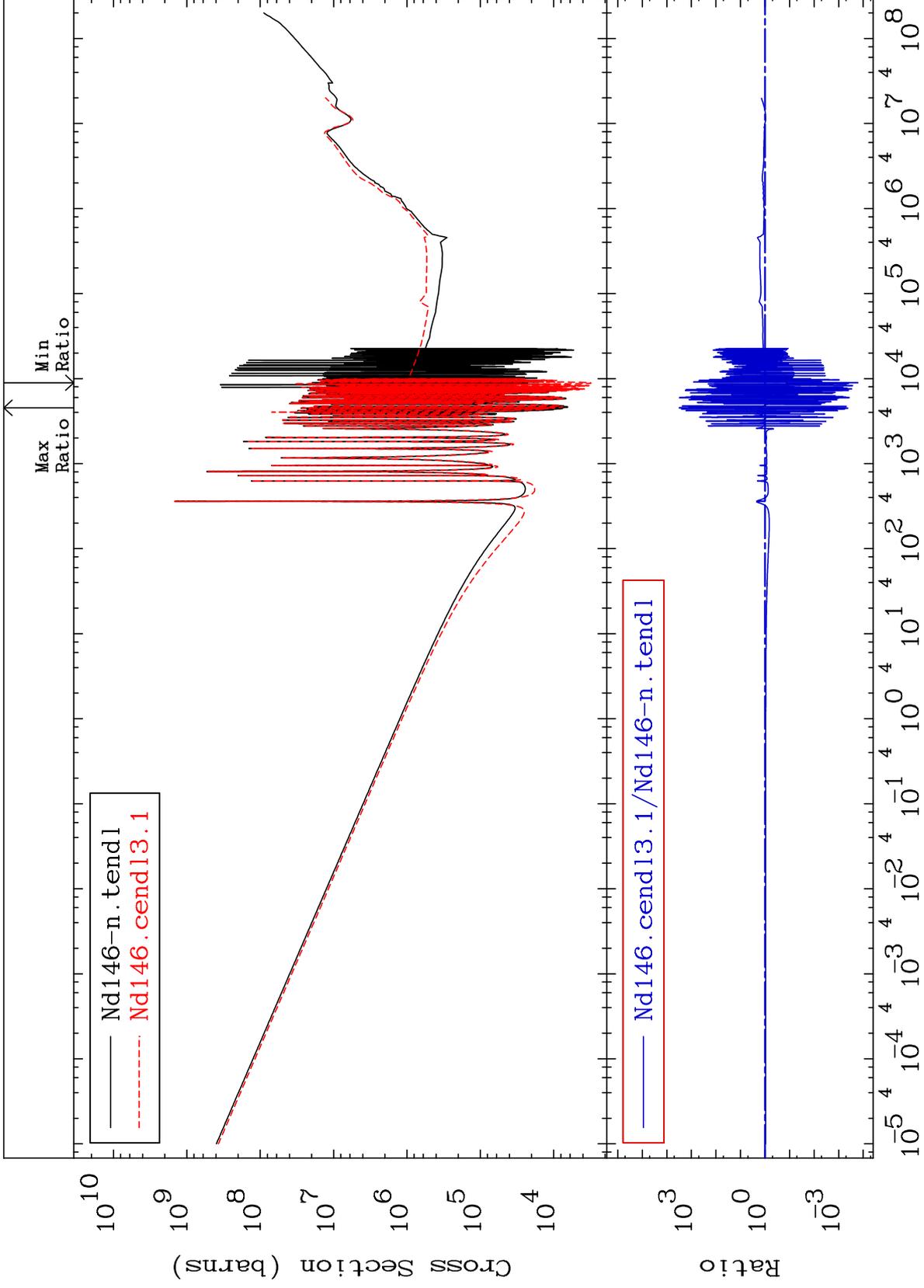
60-Nd-146
-99.89 To 245.0 %



28

Incident Energy (eV)

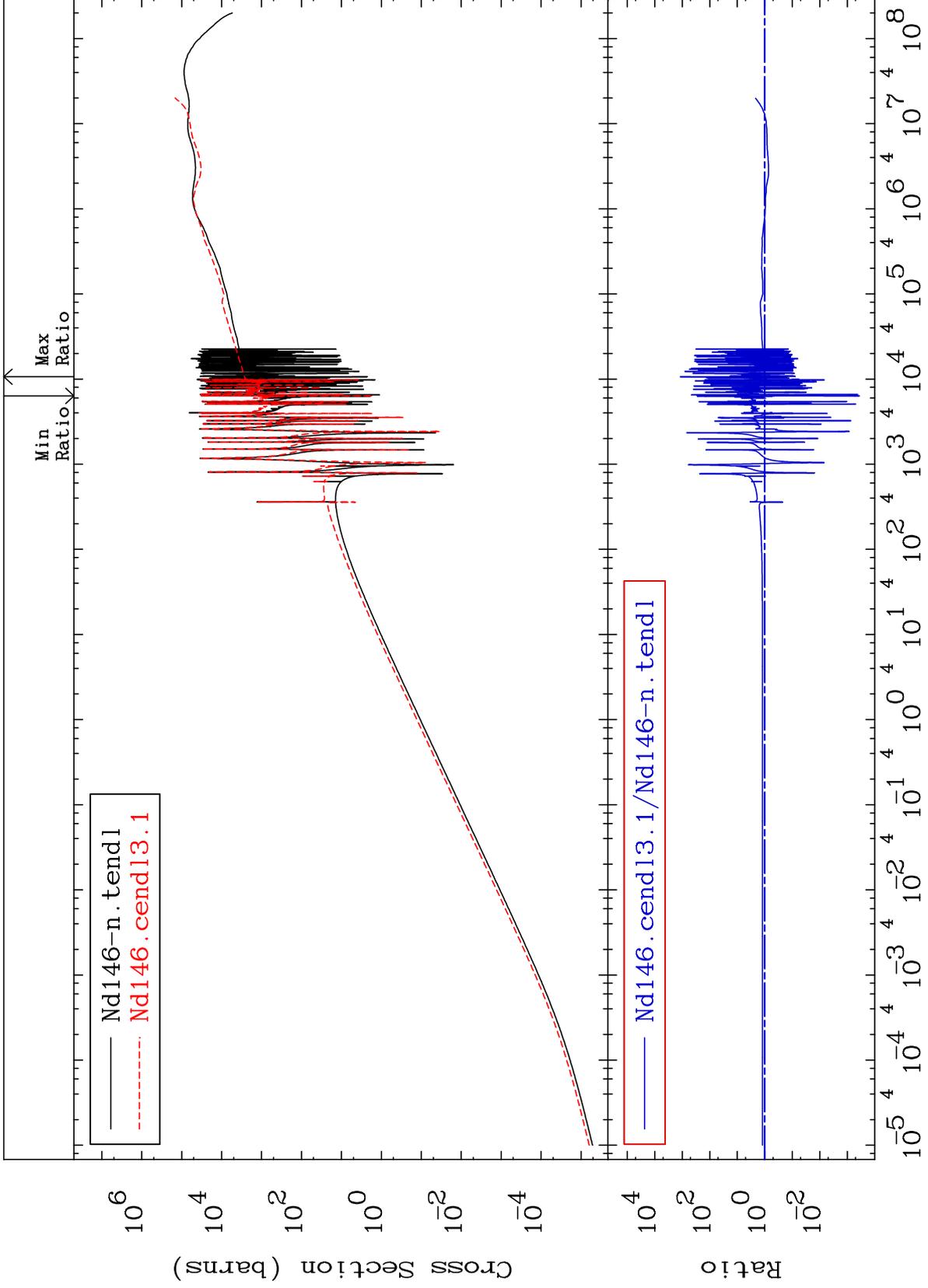
60-Nd-146

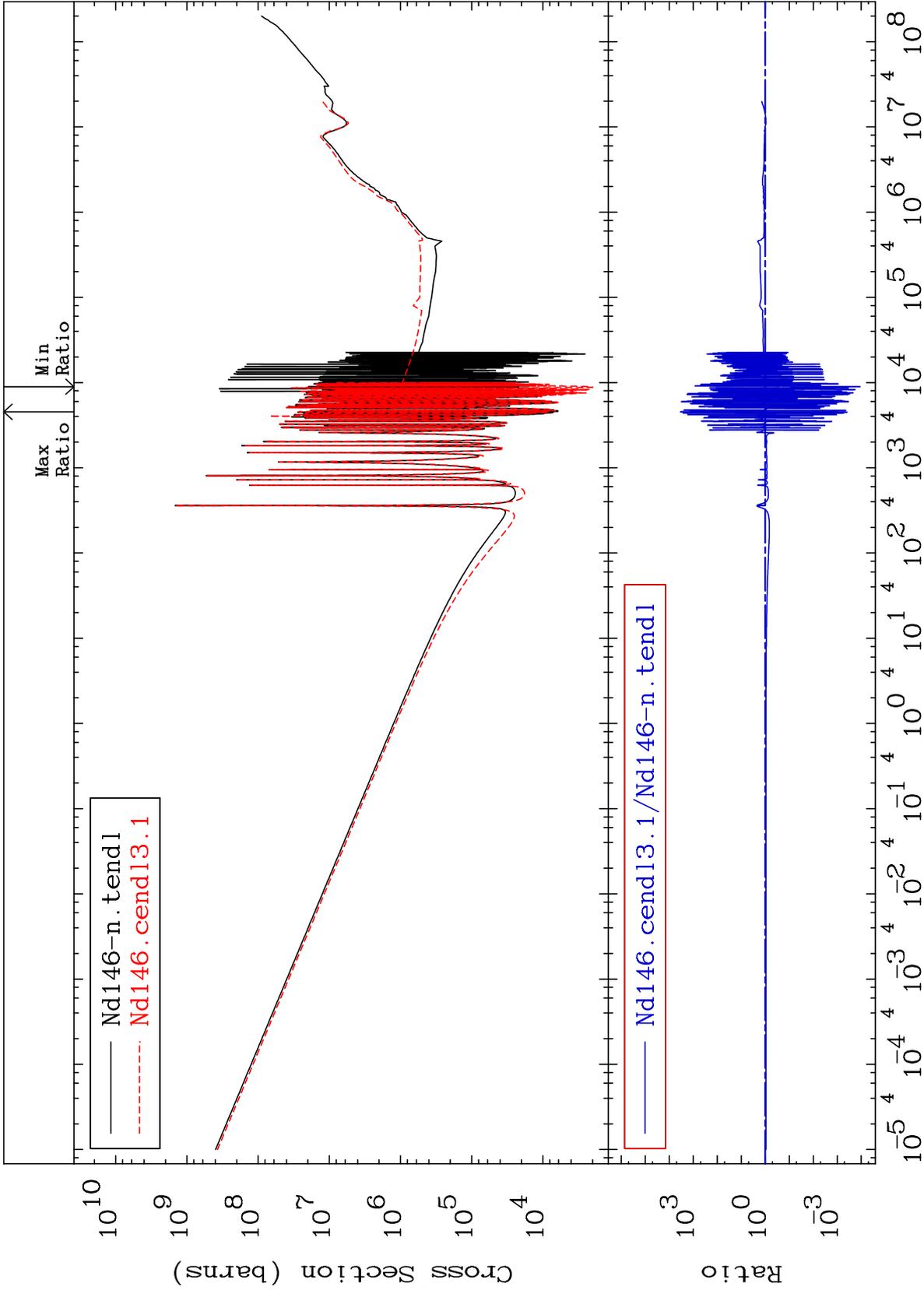


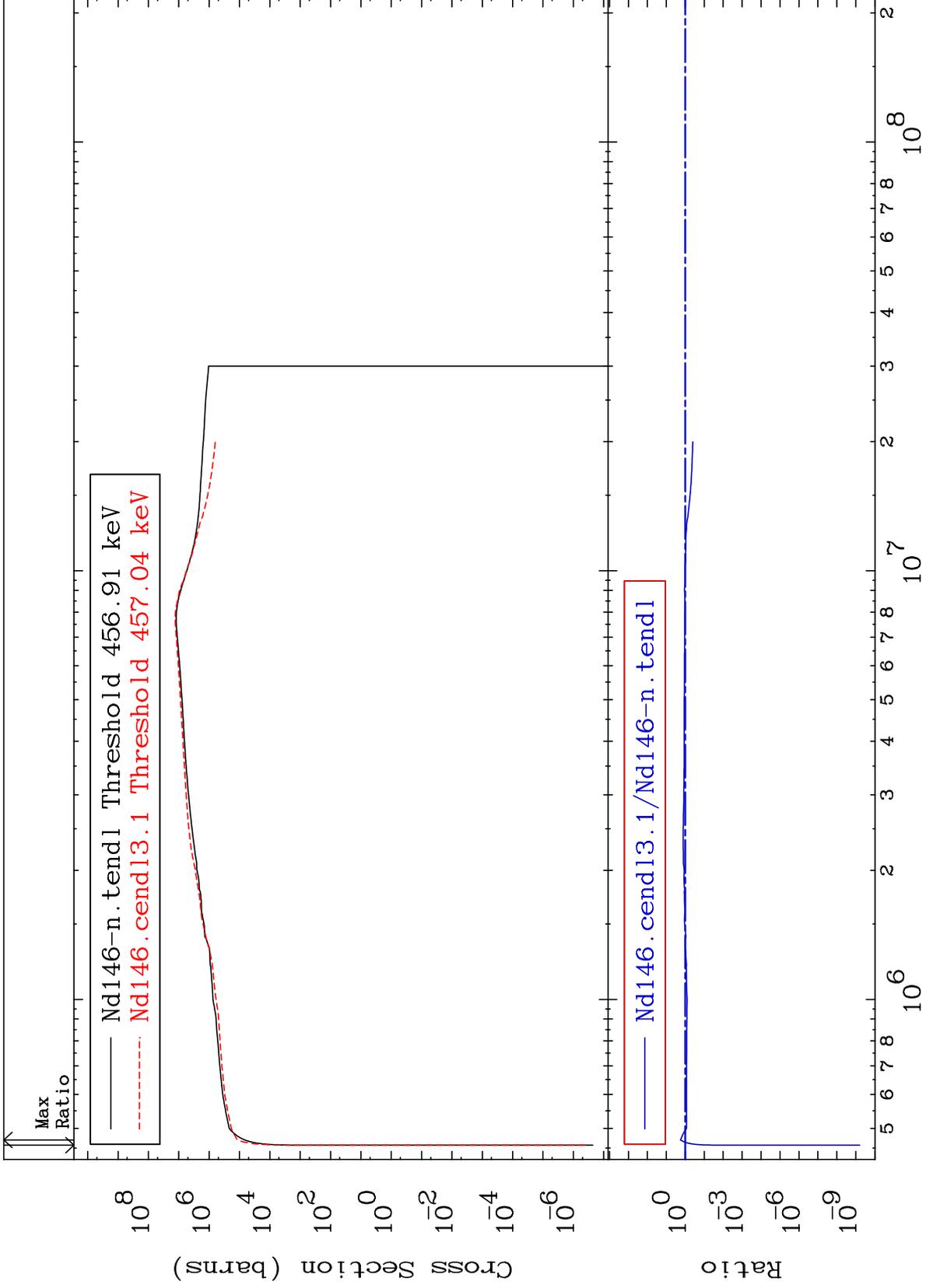
MAT 6037

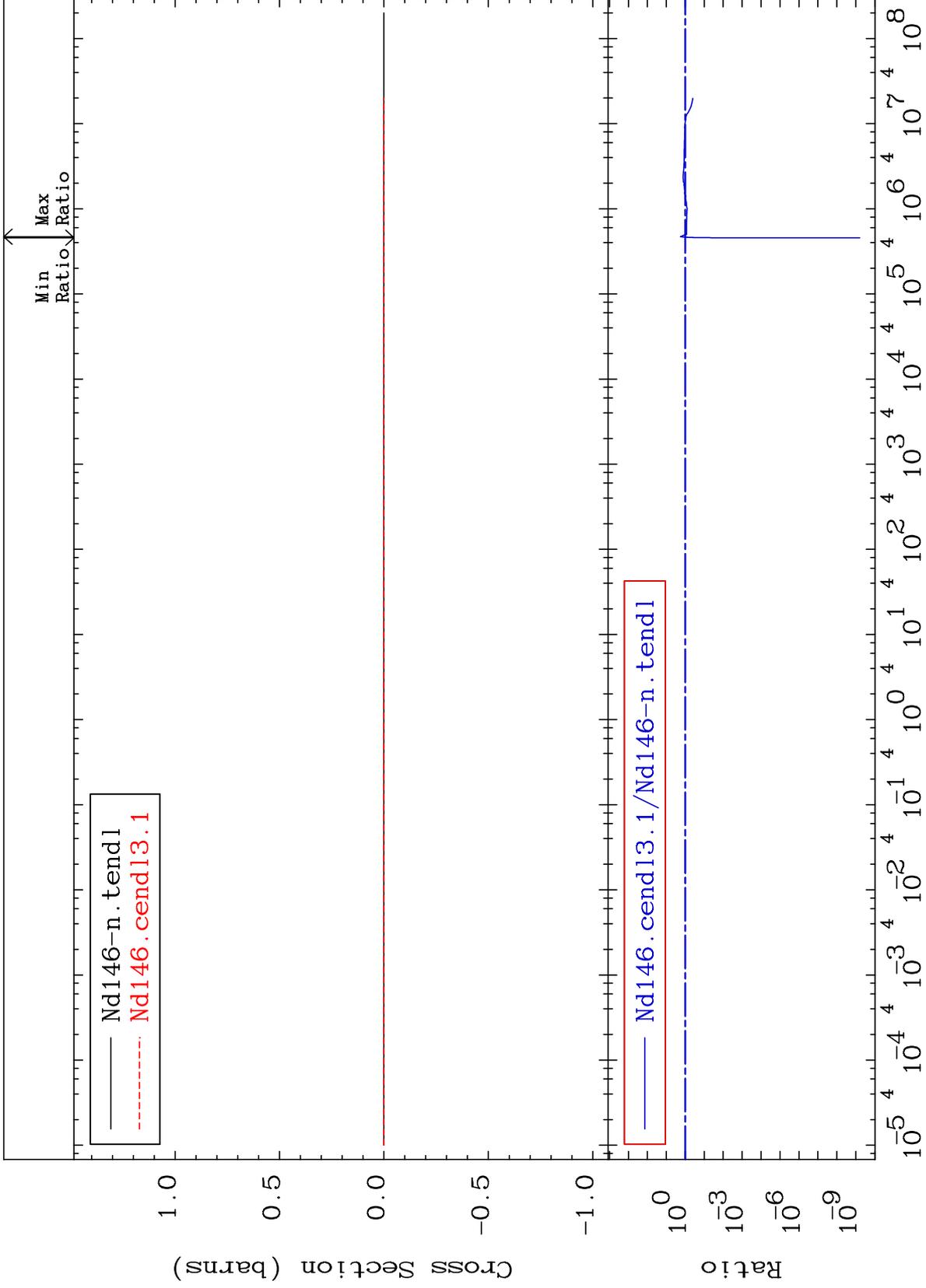
Kerma elastic
Cross Section

60-Nd-146
-99.96 To 9999. %





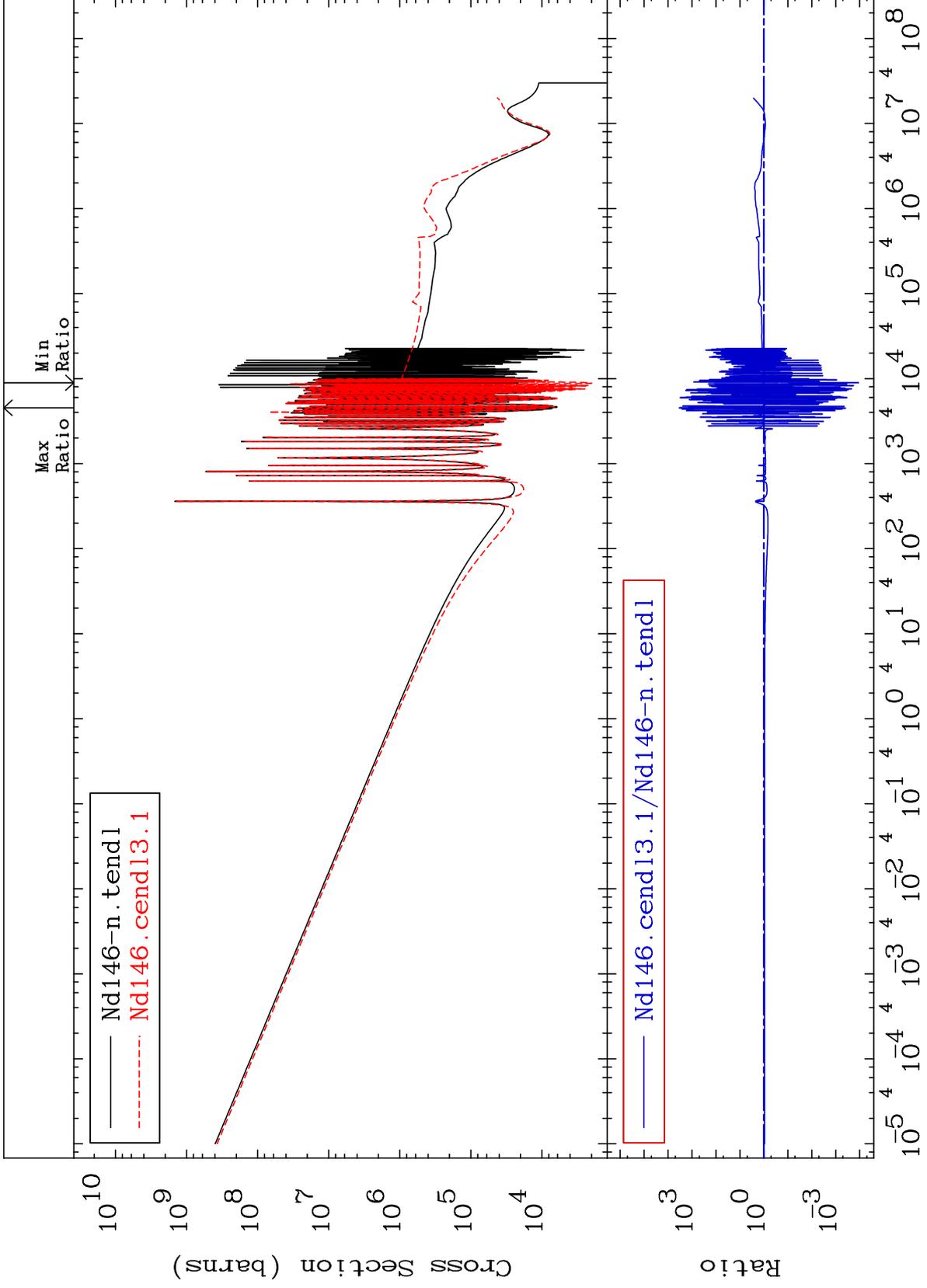


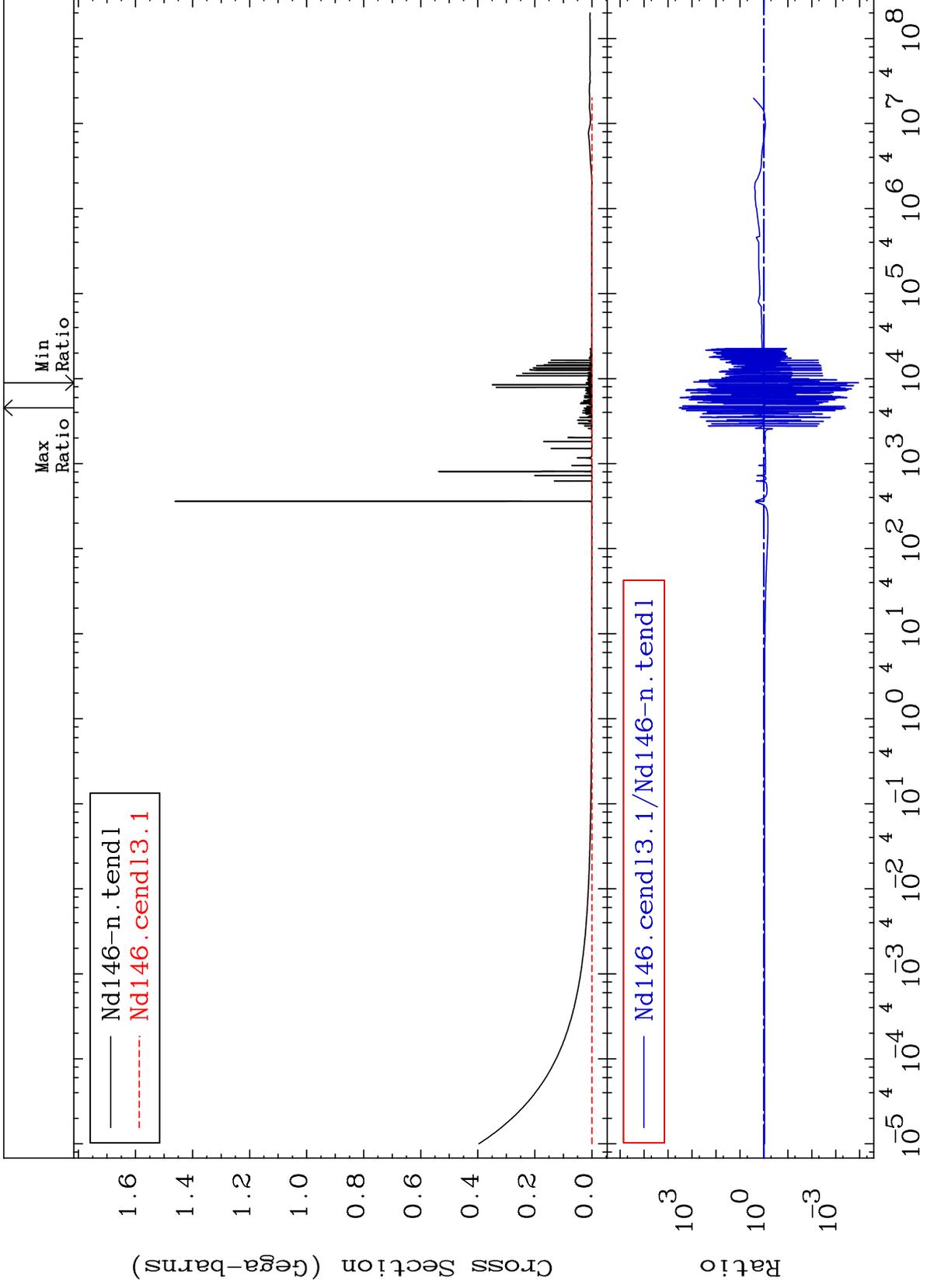


MAT 6037

Kerma capture (mt102)
Cross Section

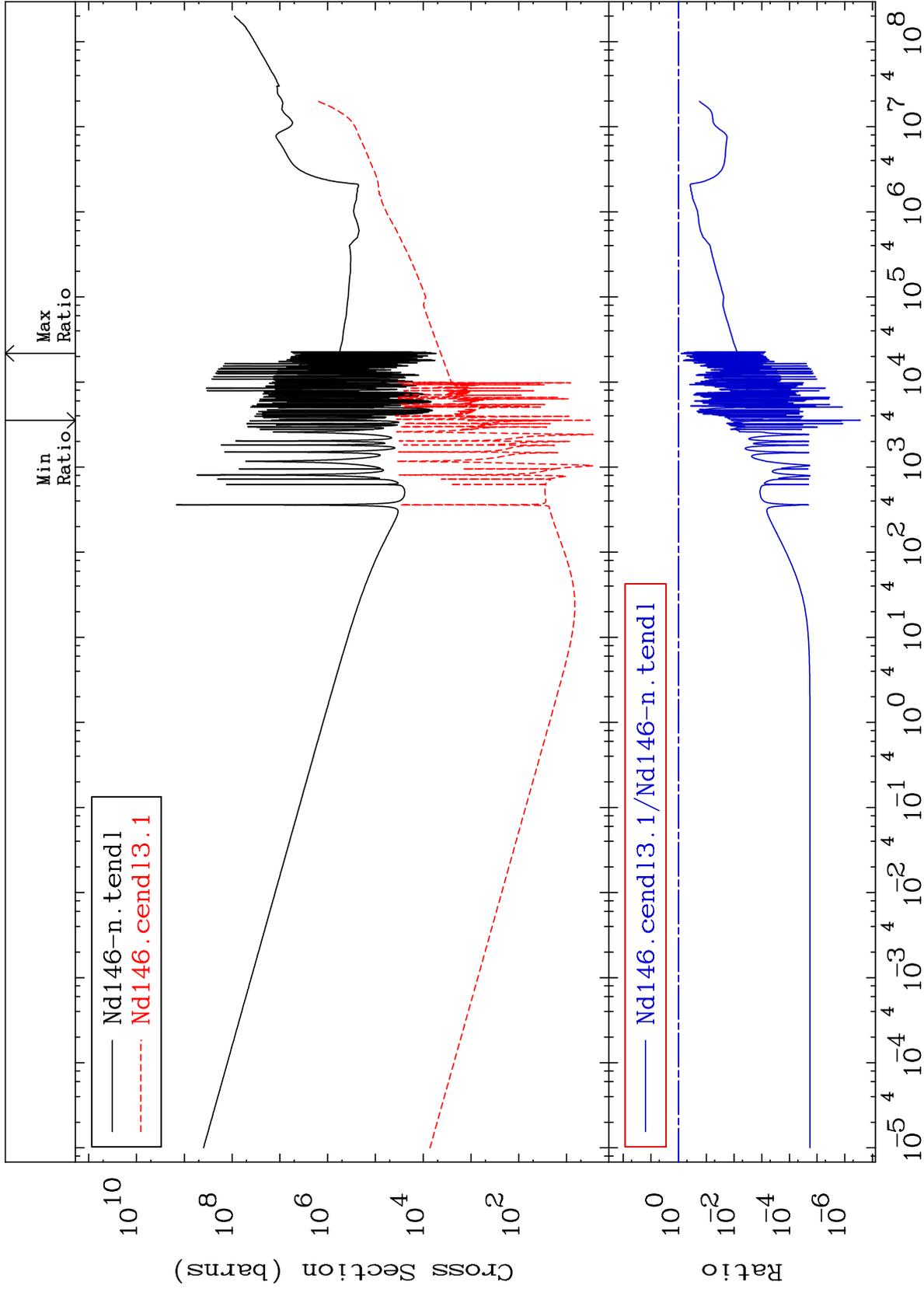
60-Nd-146
-99.99 To 9999. %





Cross Section

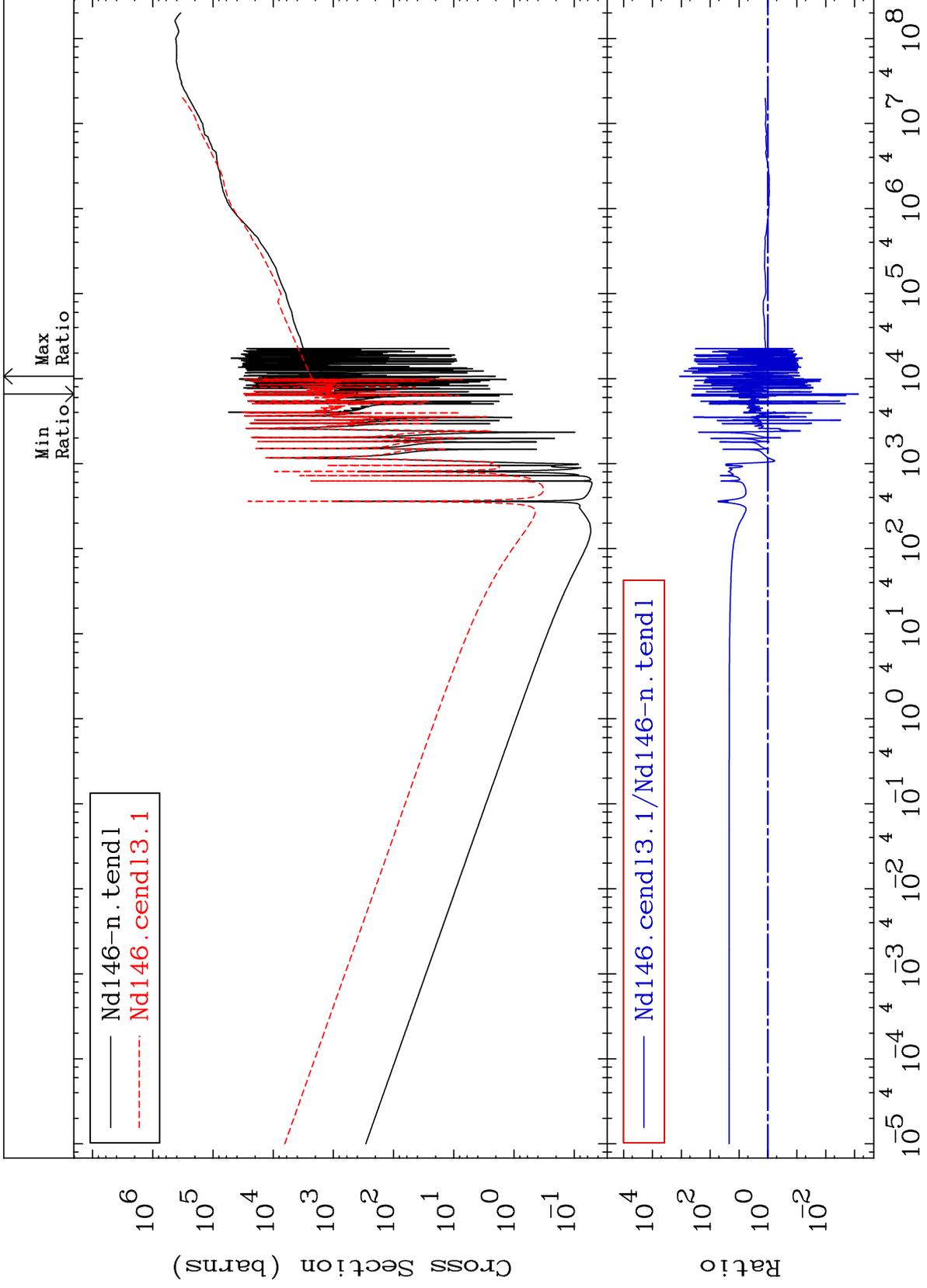
-100.0 To -18.85%

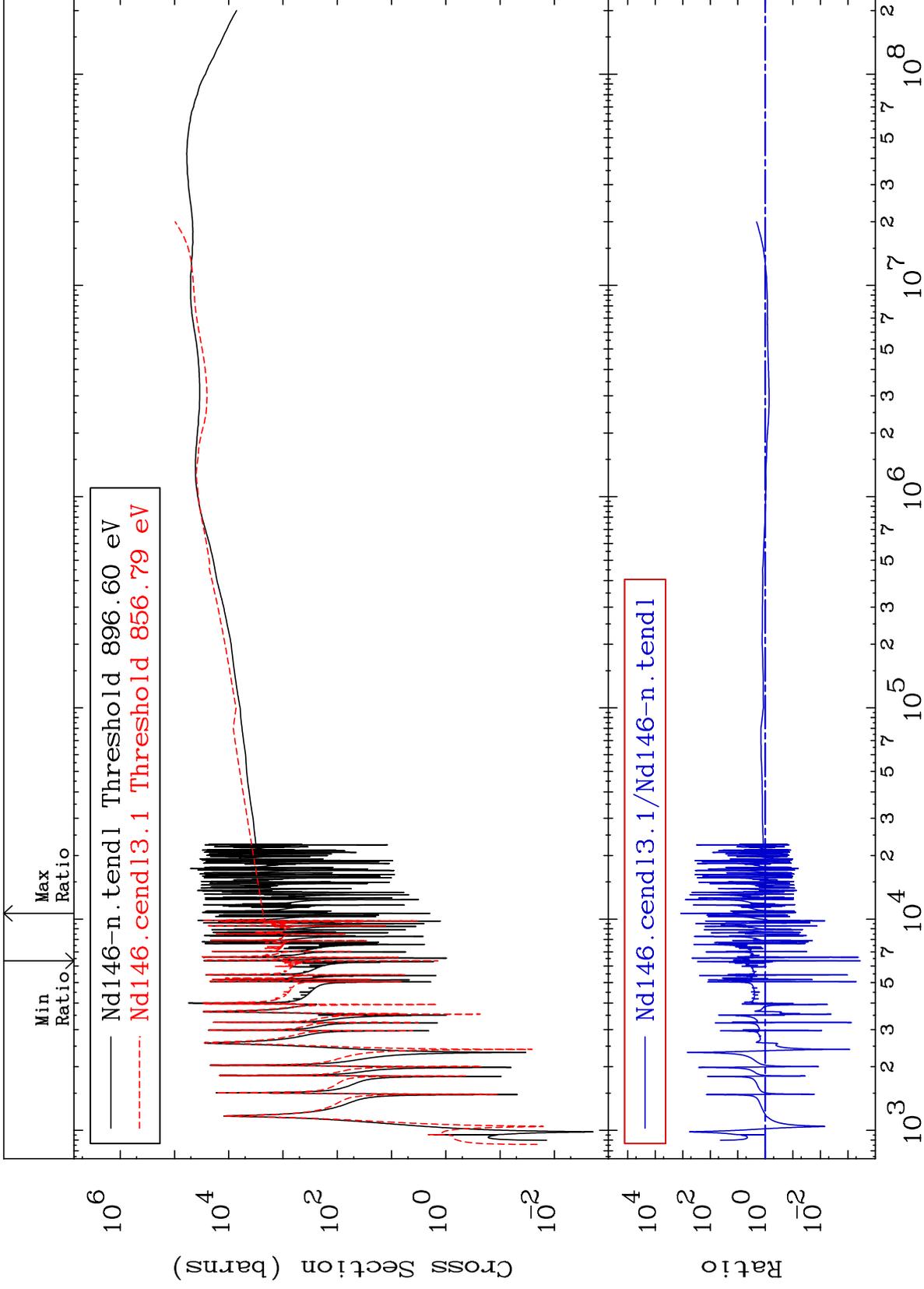


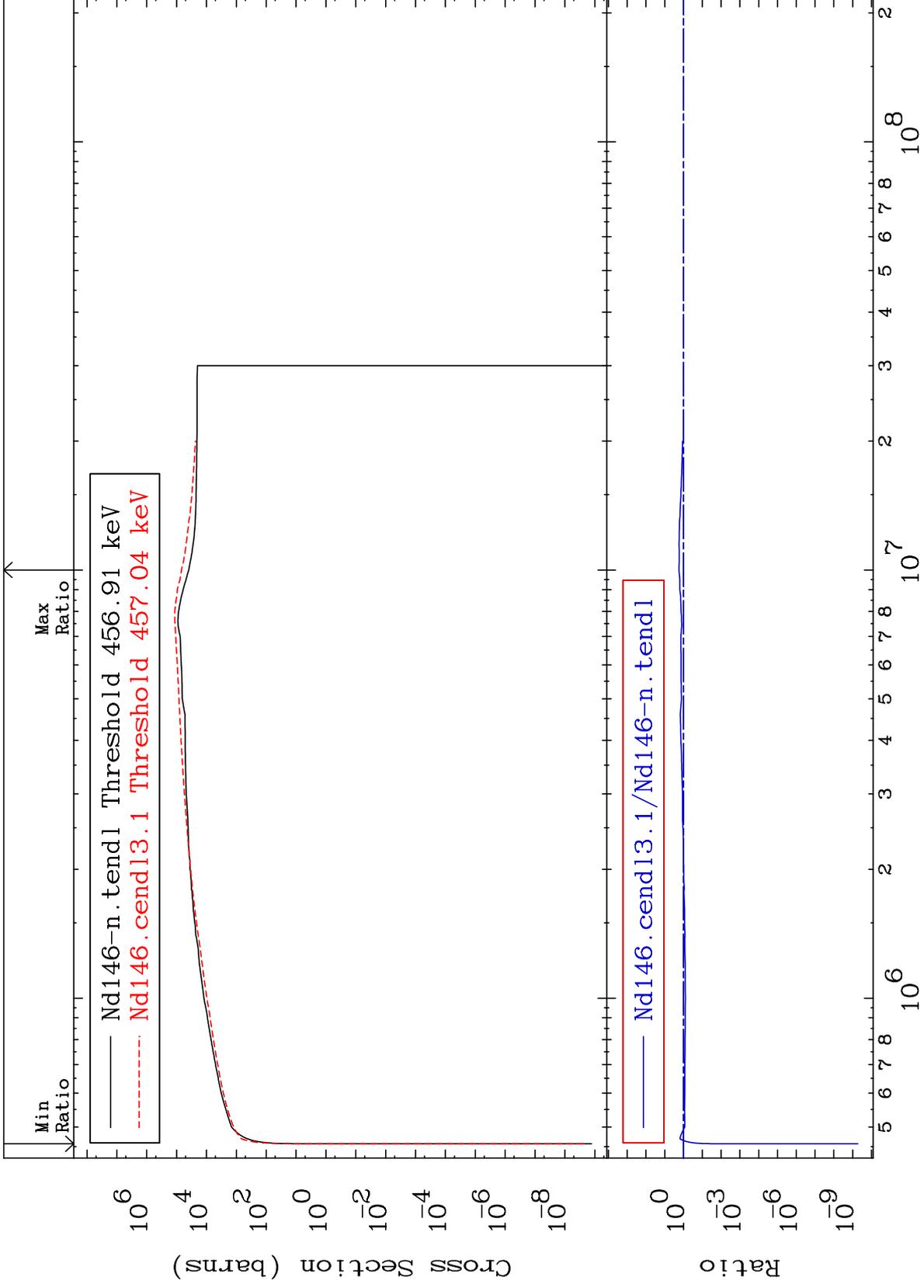
MAT 6037

Dpa total (eV-barns)
Cross Section

60-Nd-146
-99.93 To 9999. %



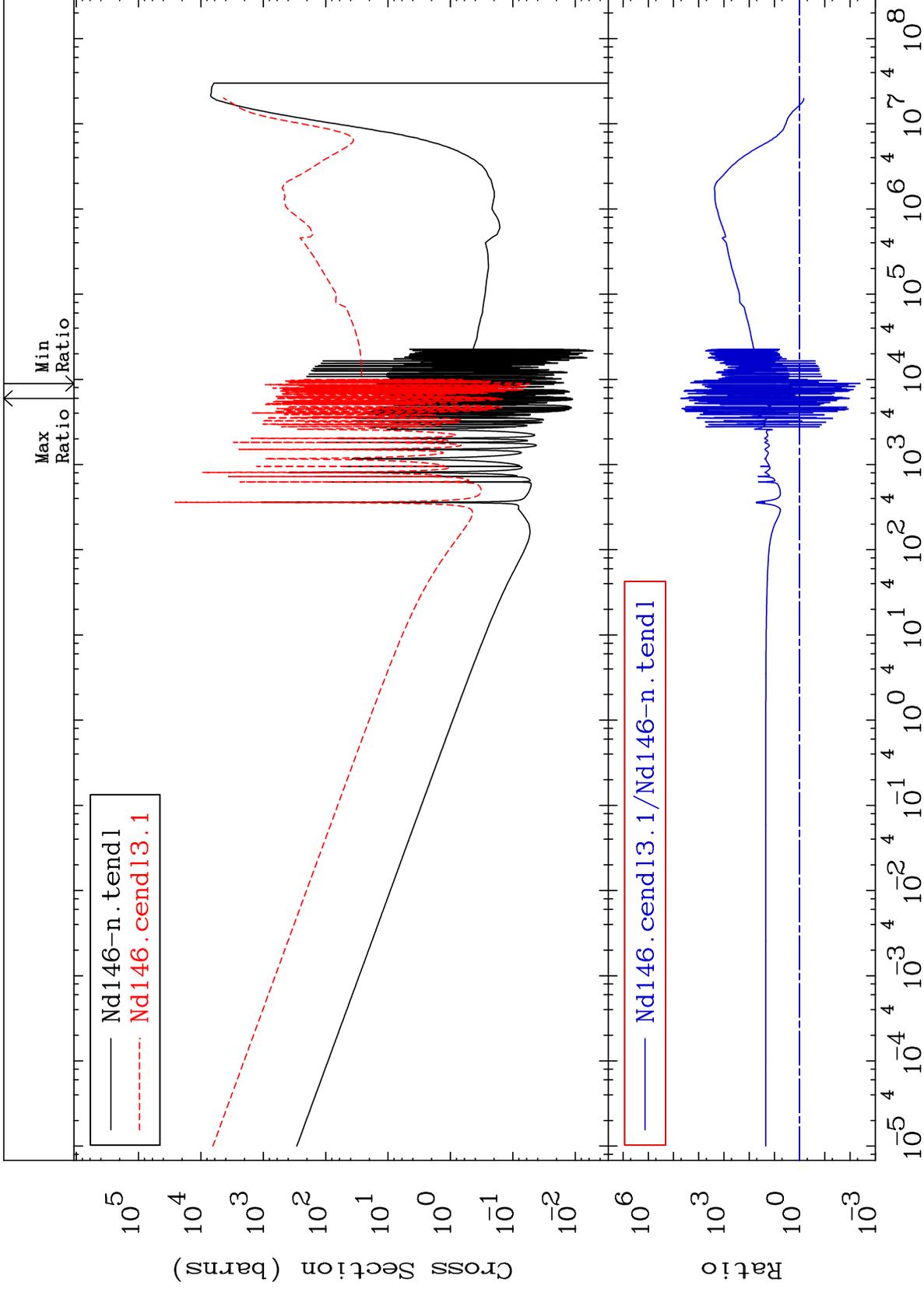




MAT 6037

Dpa disappearance (mt102 -120)
Cross Section

60-Nd-146
-99.60 To 9999. %



40

Incident Energy (eV)

60-Nd-146