

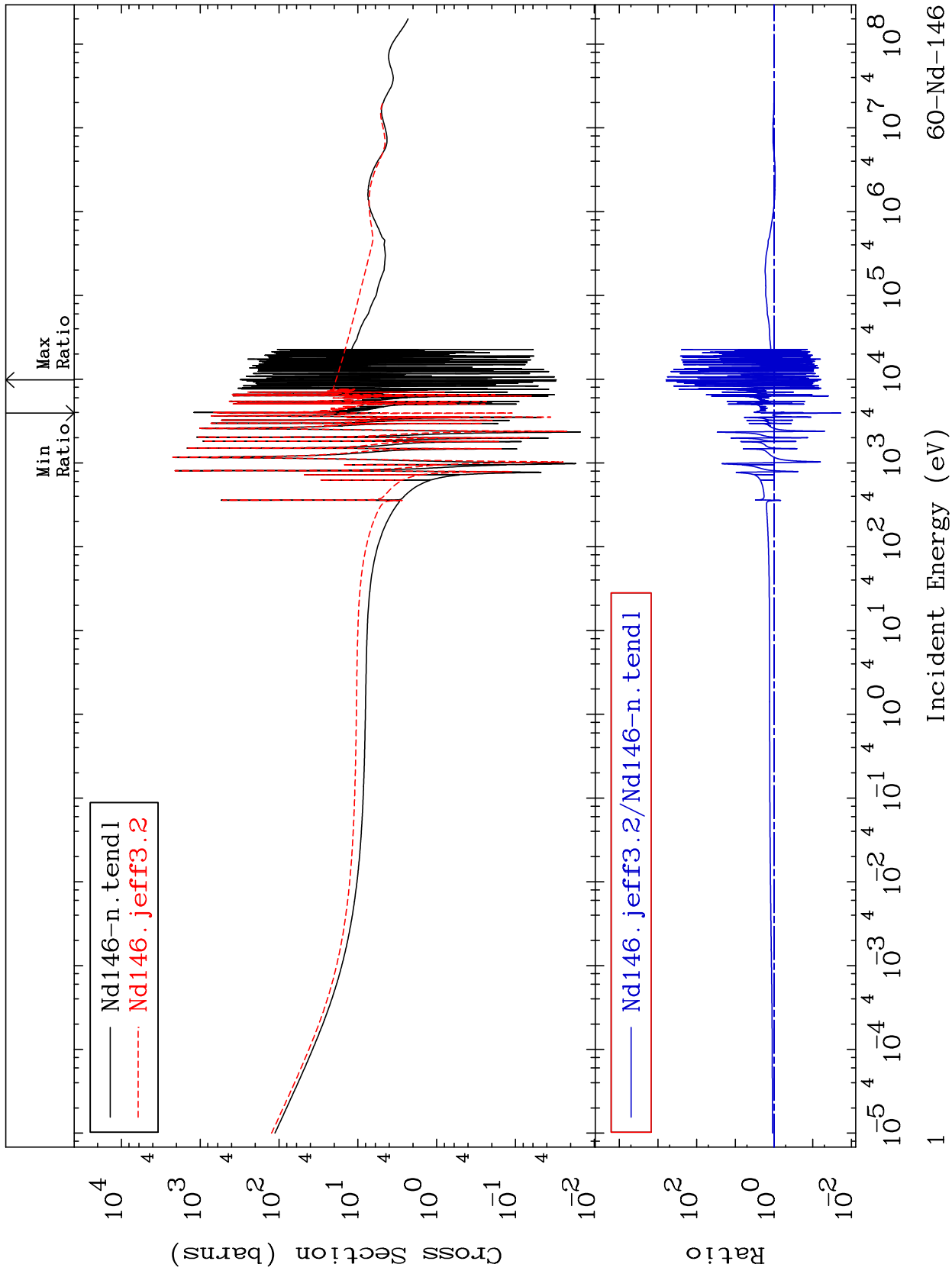
MAT 6037

Total

60-Nd-146

Cross Section

-98.12 To 9999. %



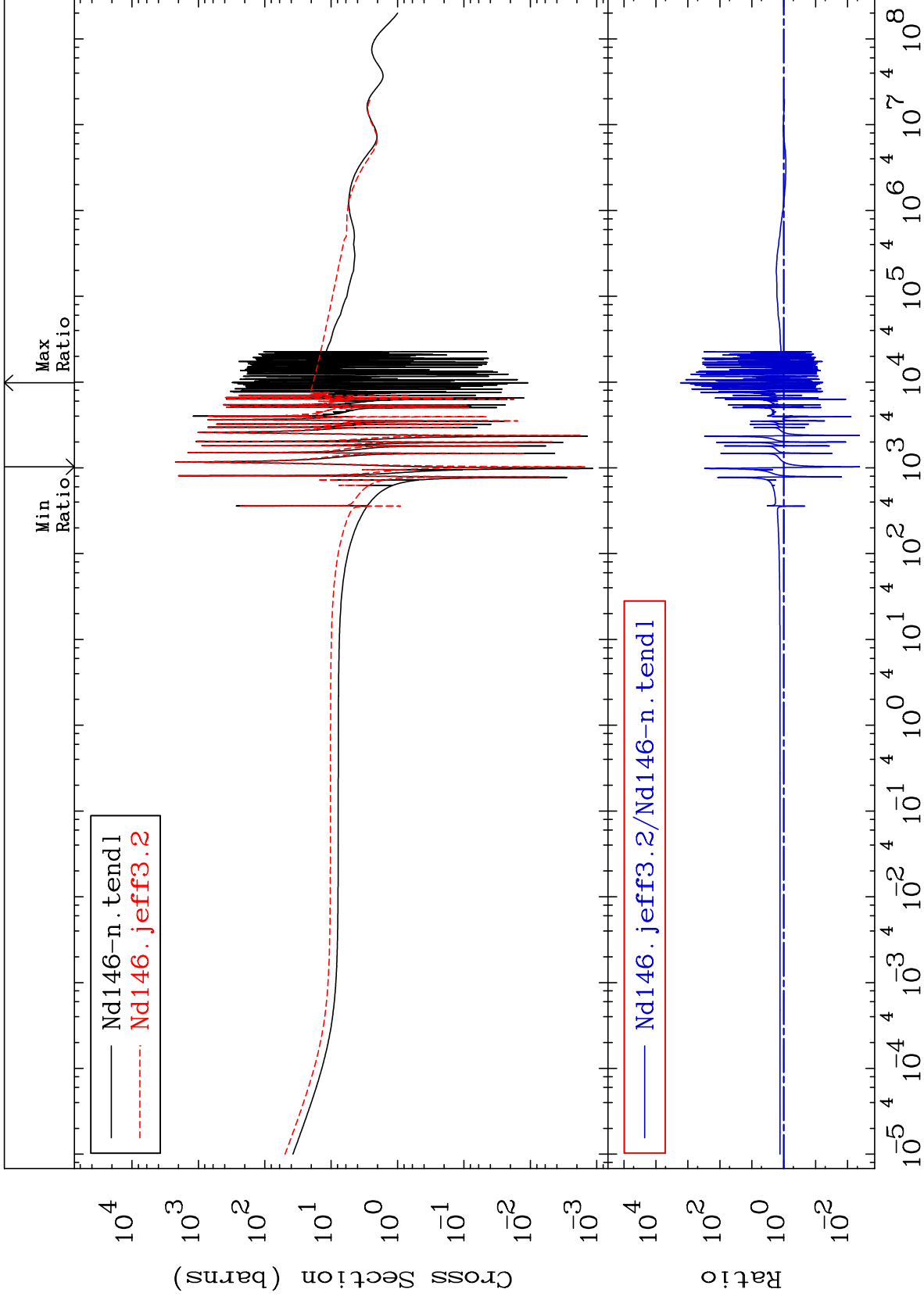
Incident Energy (eV)

60-Nd-146

MAT 6037

Elastic  
Cross Section

60-Nd-146  
-99.57 To 9999. %



Incident Energy (eV)

60-Nd-146

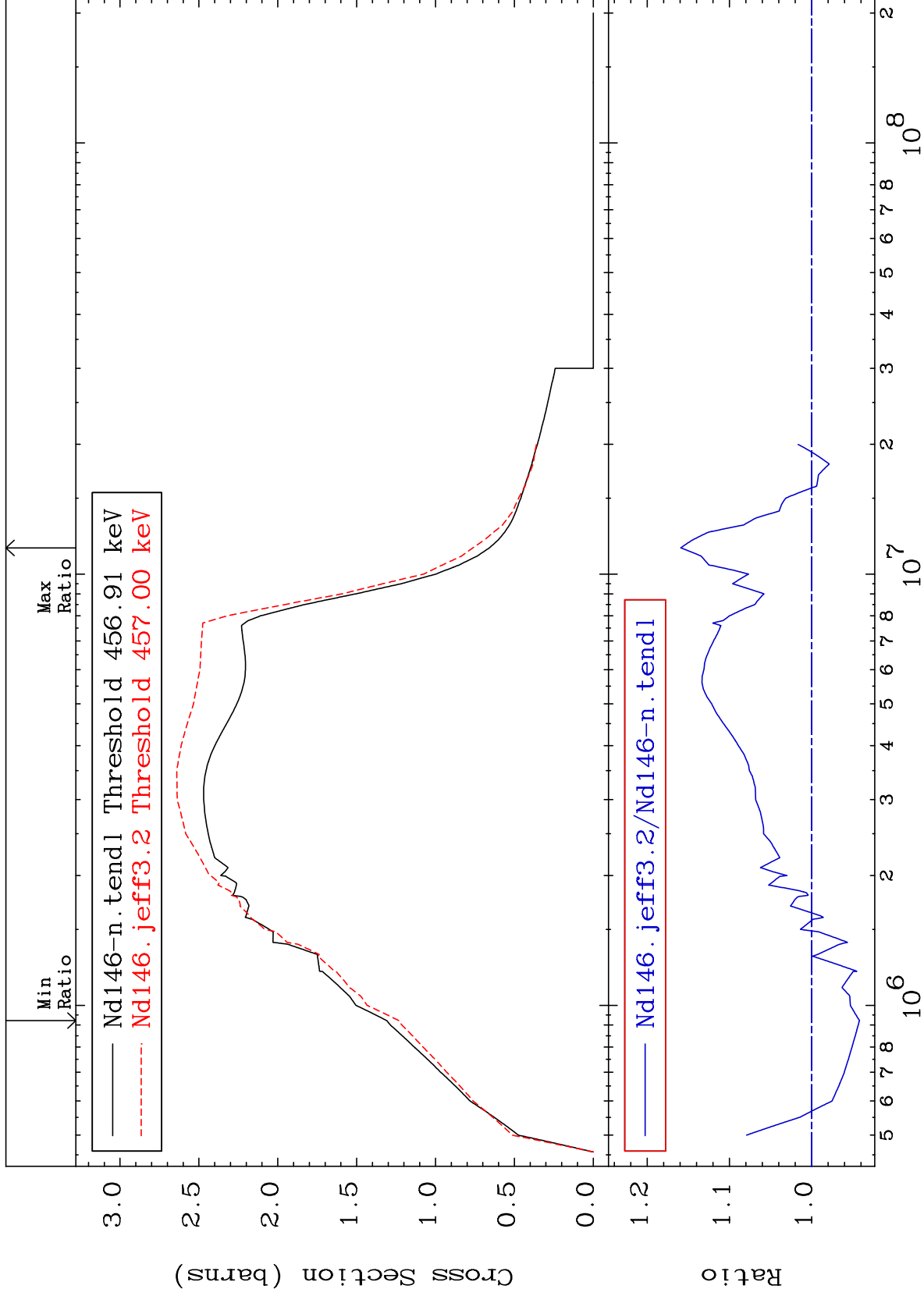
2

MAT 6037

60-Nd-146

Inelastic  
Cross Section

-5.830 To 15.91 %



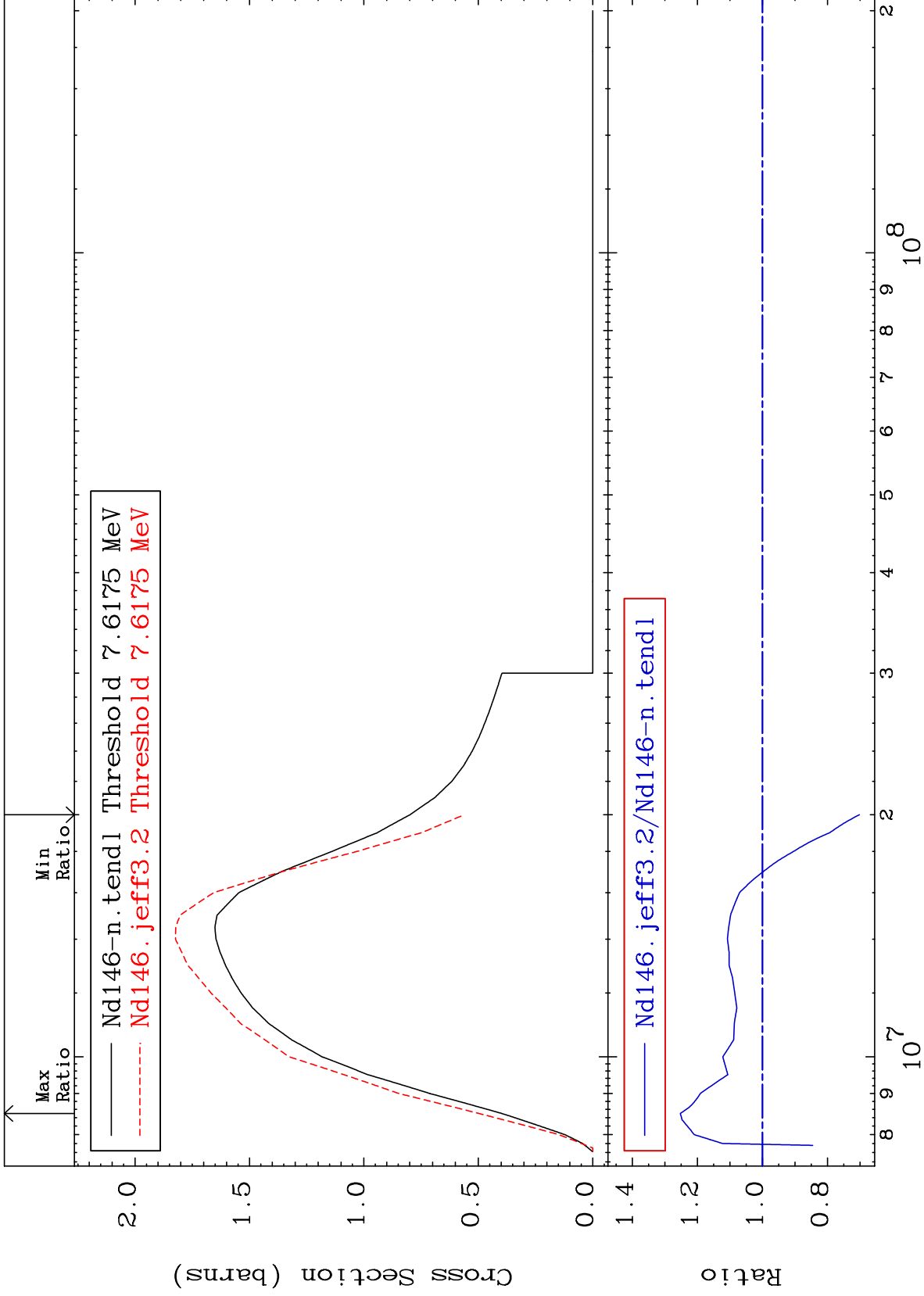
MAT 6037

(n,2n)

60-Nd-146

Cross Section

-29.78 To 25.25 %



4

Incident Energy (eV)

60-Nd-146

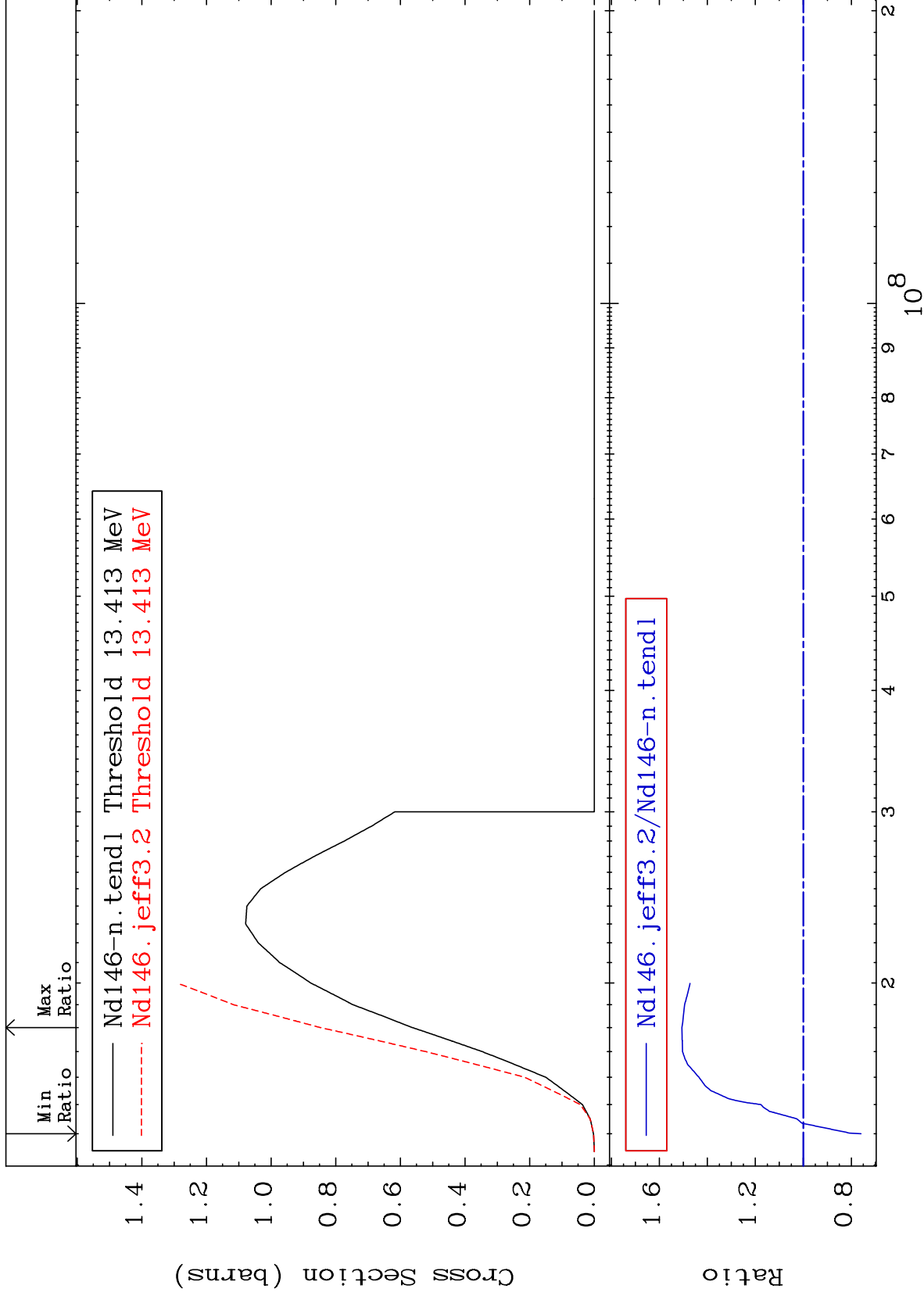
MAT 6037

(n,3n)

60-Nd-146

Cross Section

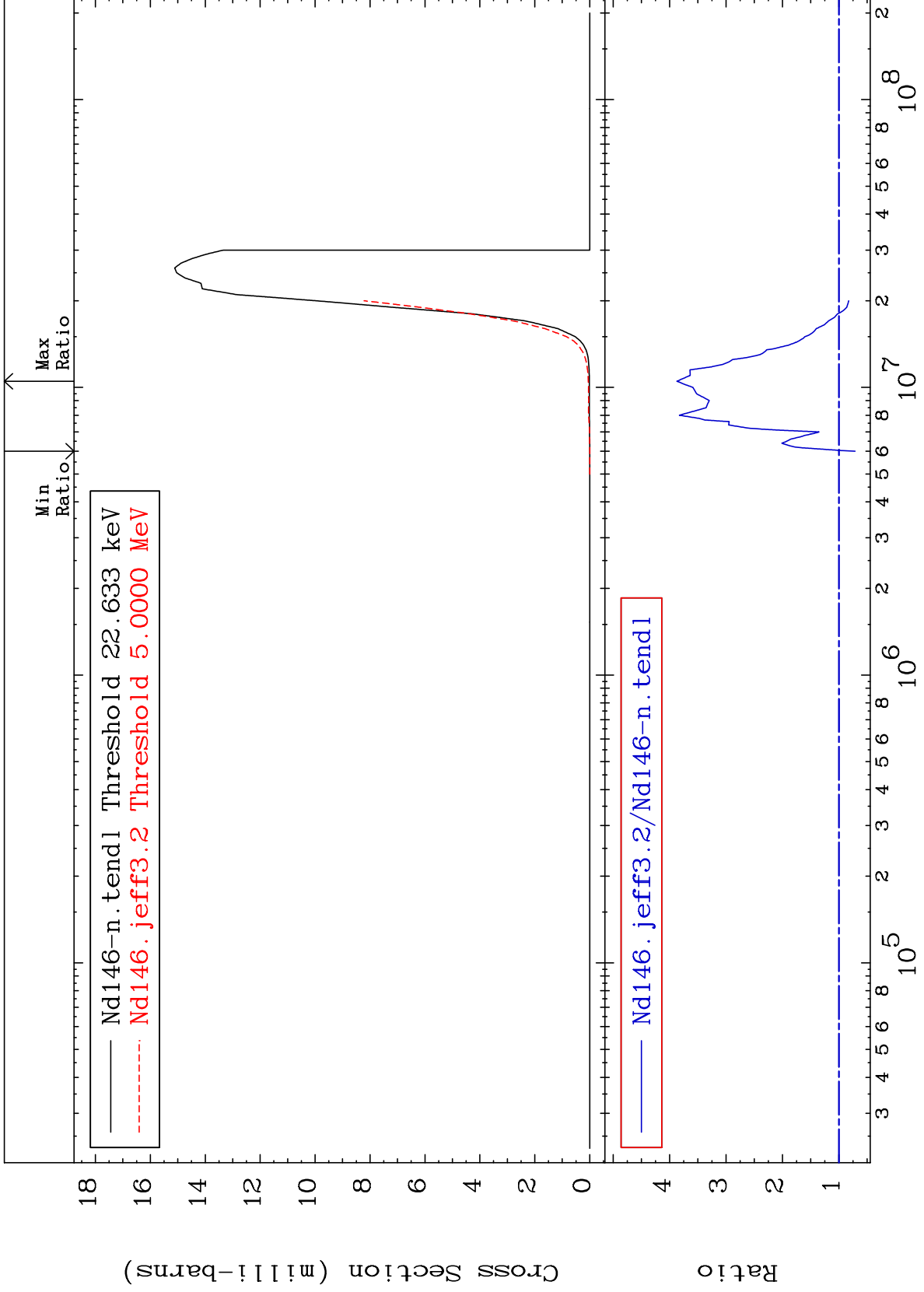
-24.03 To 50.61 %



MAT 6037

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

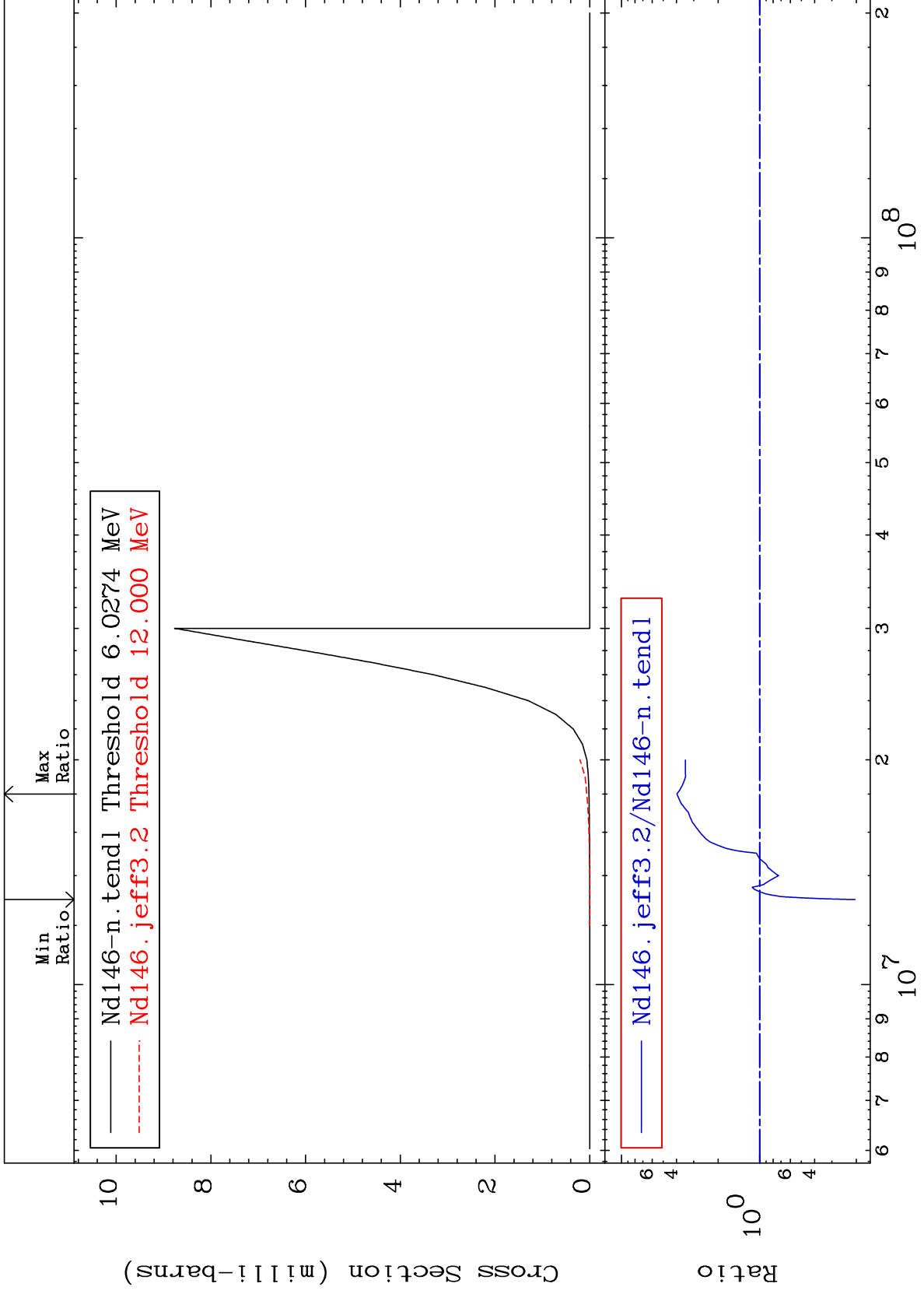
60-Nd-146  
-28.84 To 287.0 %



MAT 6037

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

60-Nd-146  
-79.61 To 297.1 %



7

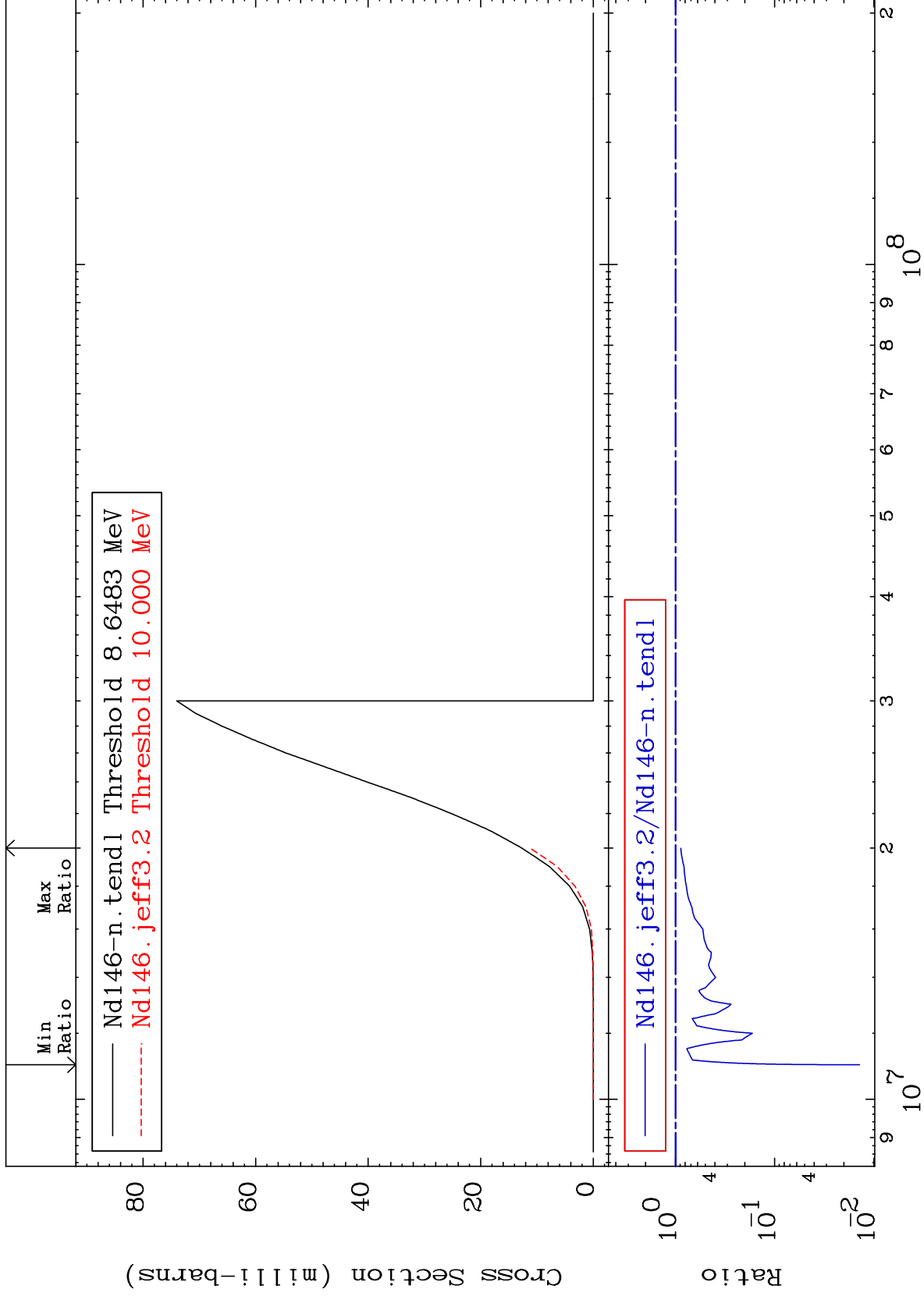
Incident Energy (eV)

60-Nd-146

MAT 6037

(n, n') p  
Cross Section

60-Nd-146  
-98.61 To -11.55%



8

Incident Energy (eV)

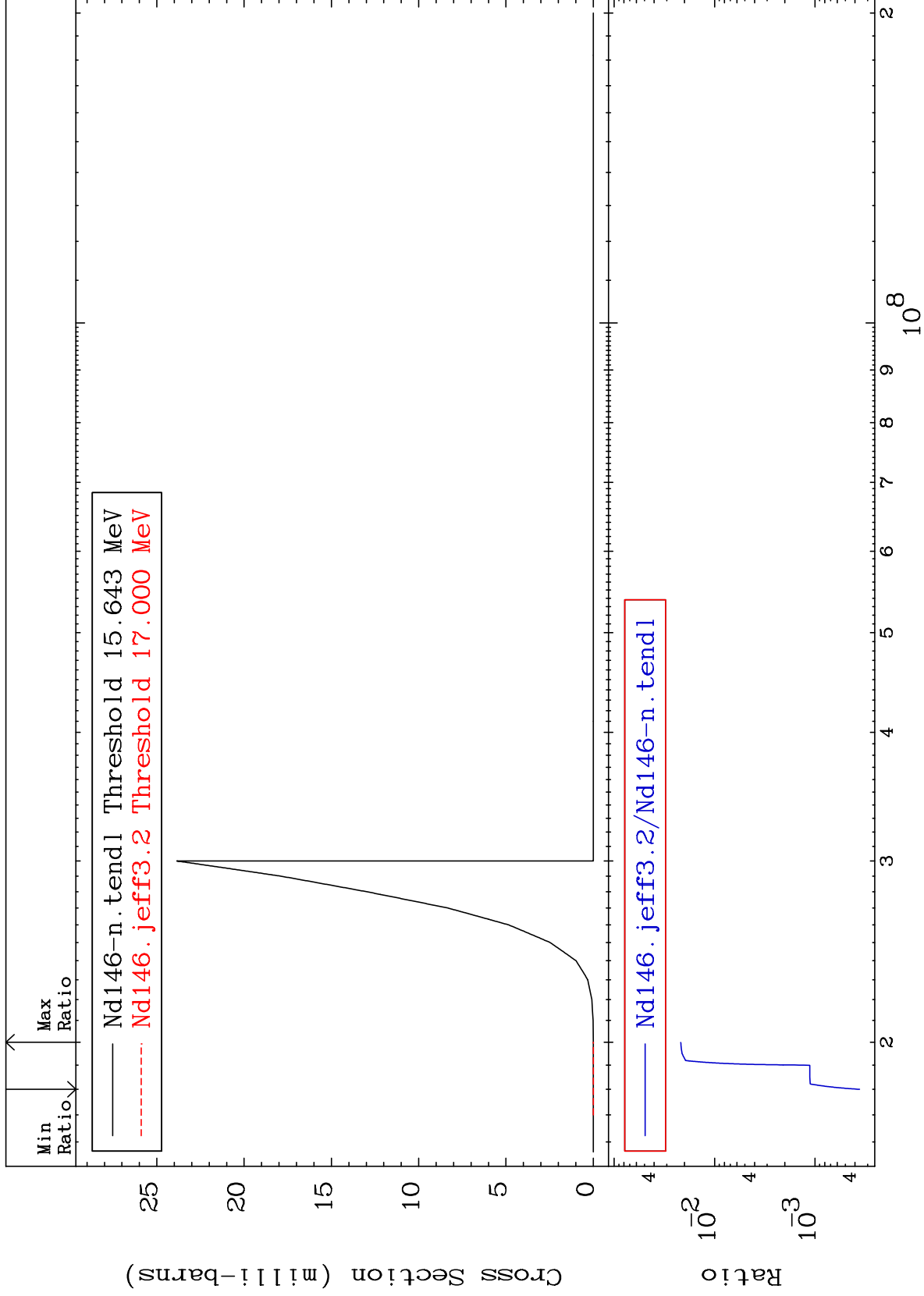
60-Nd-146



MAT 6037

(n,2n) p  
Cross Section

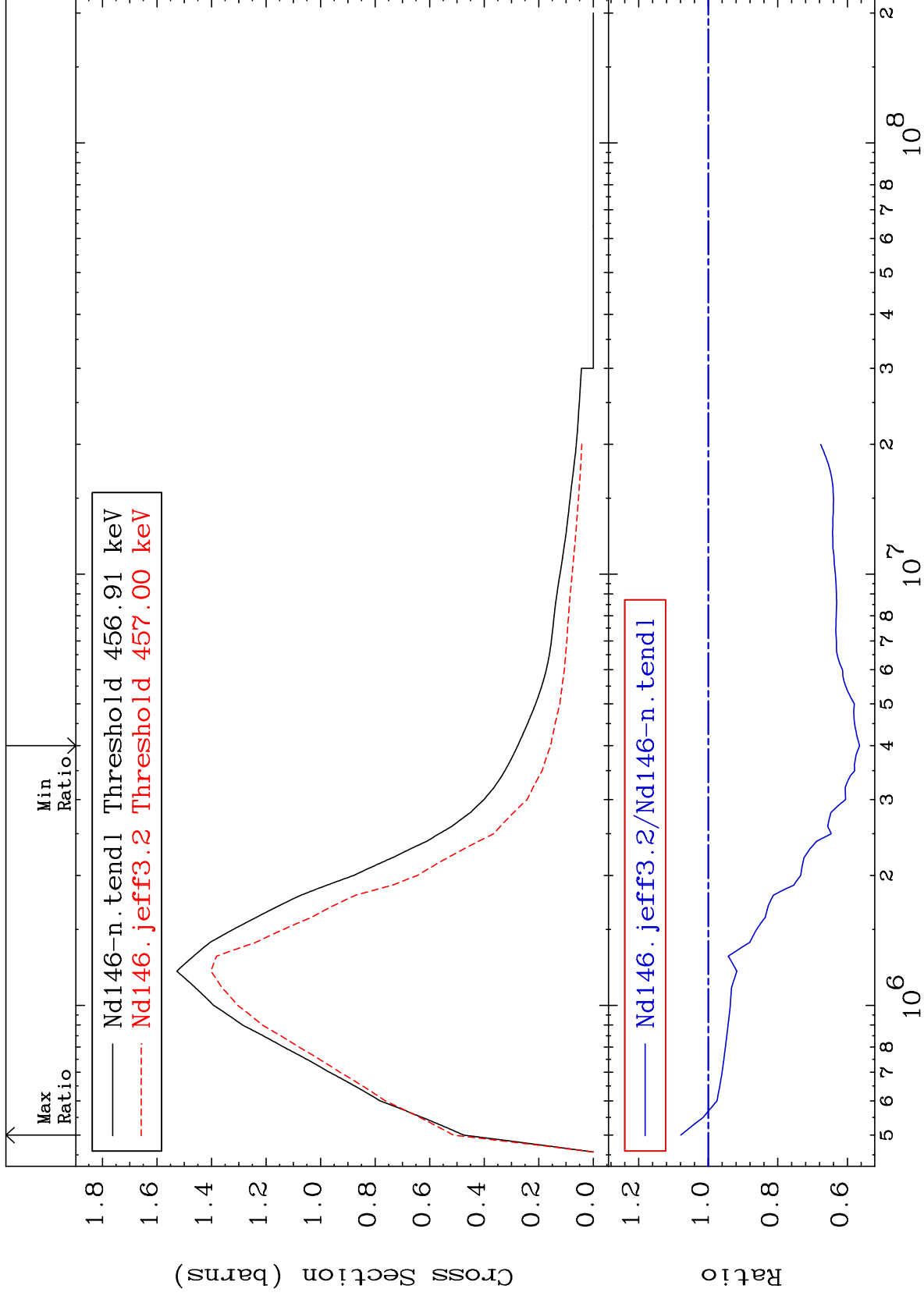
60-Nd-146  
-99.96 To -97.83%



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

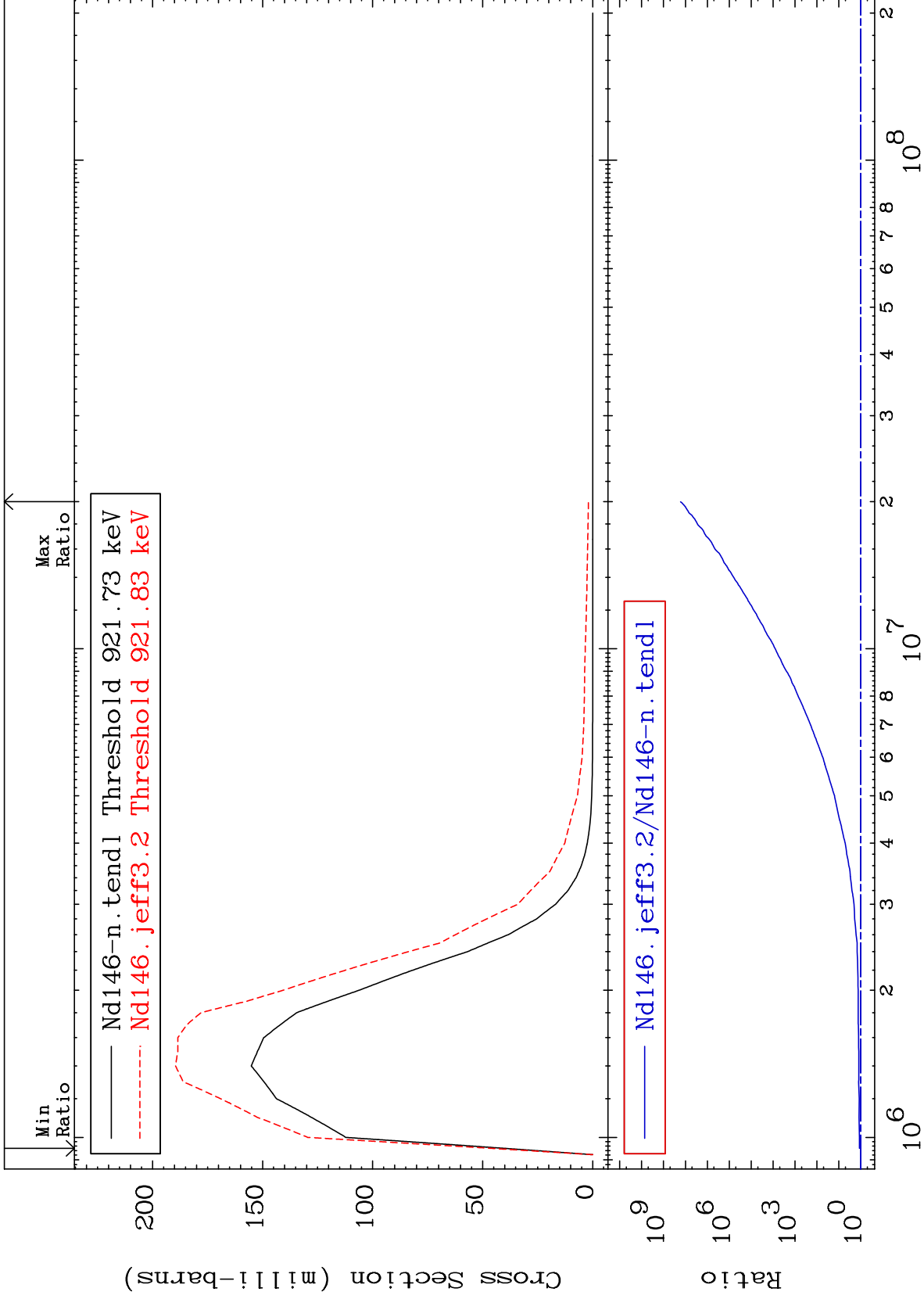
MAT 6037

915.4 keV (n,n') Level

60-Nd-146

15.17 To 9999. %

Cross Section



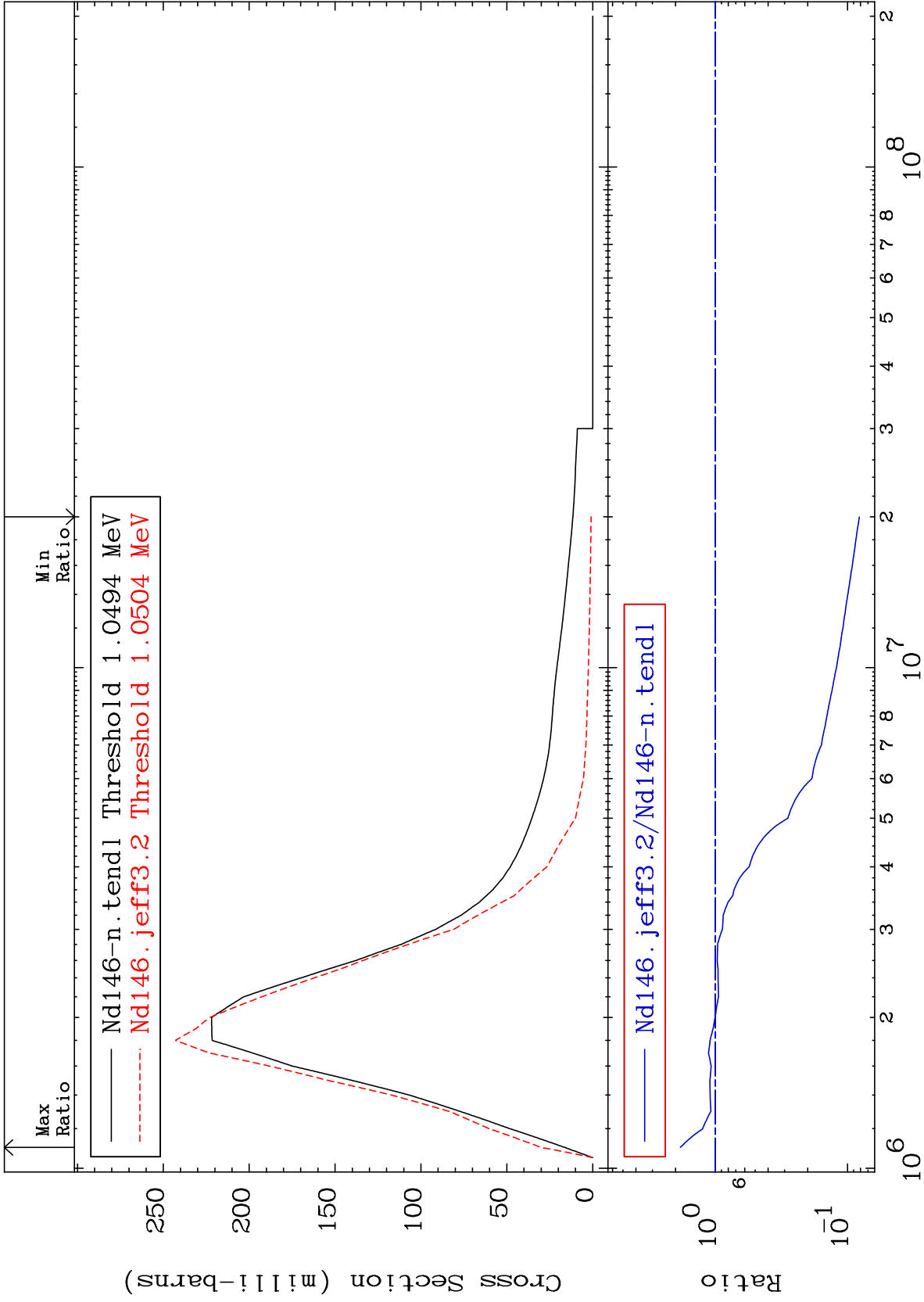
MAT 6037

1.042 MeV (n,n') Level

60-Nd-146

-91.86 To 84.13 %

Cross Section



Incident Energy (eV)

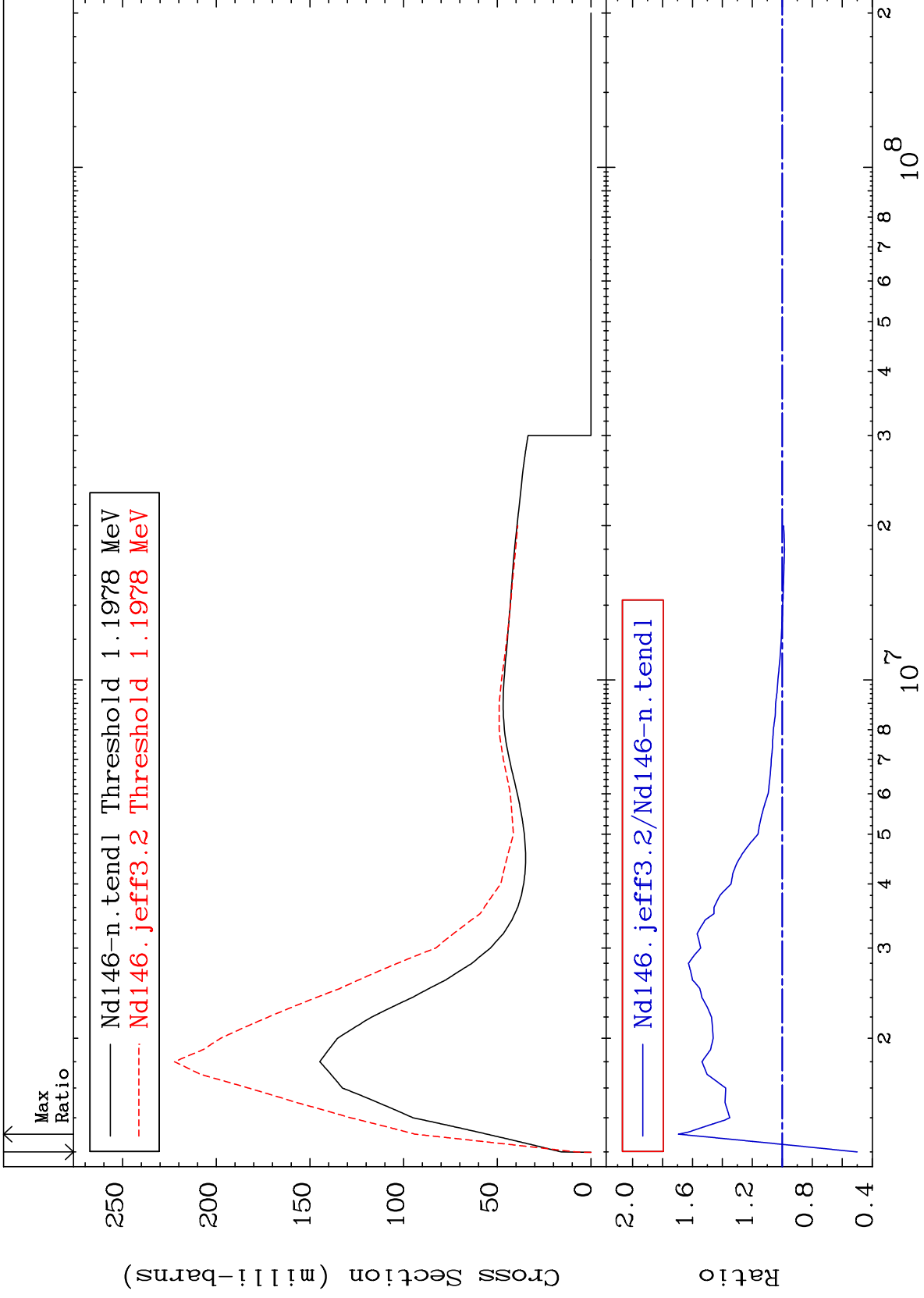
60-Nd-146

12

MAT 6037

1.190 MeV (n,n') Level  
Cross Section

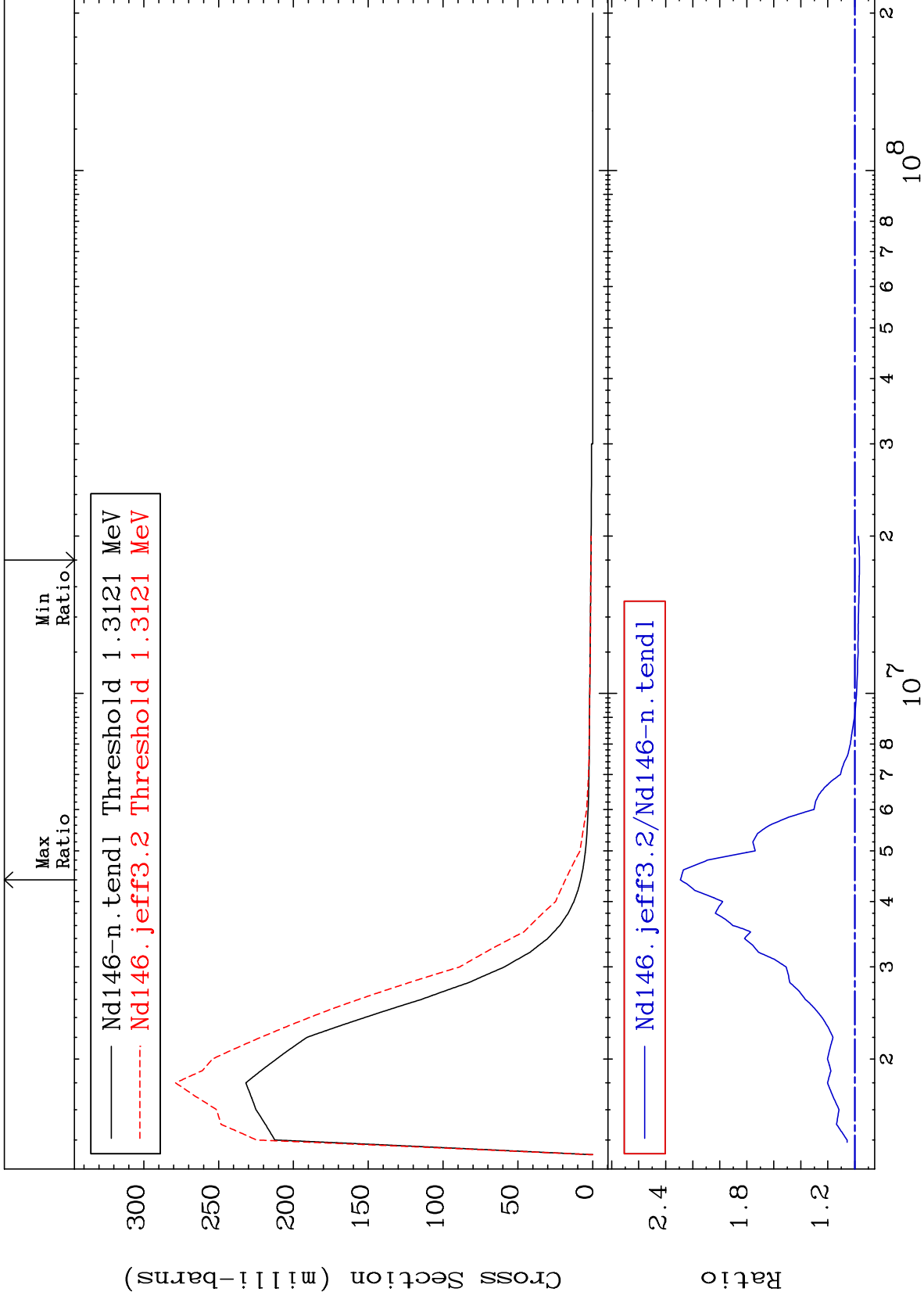
60-Nd-146  
-50.00 To 69.35 %



MAT 6037

1.303 MeV (n,n') Level  
Cross Section

60-Nd-146  
-3.397 To 129.2 %



14

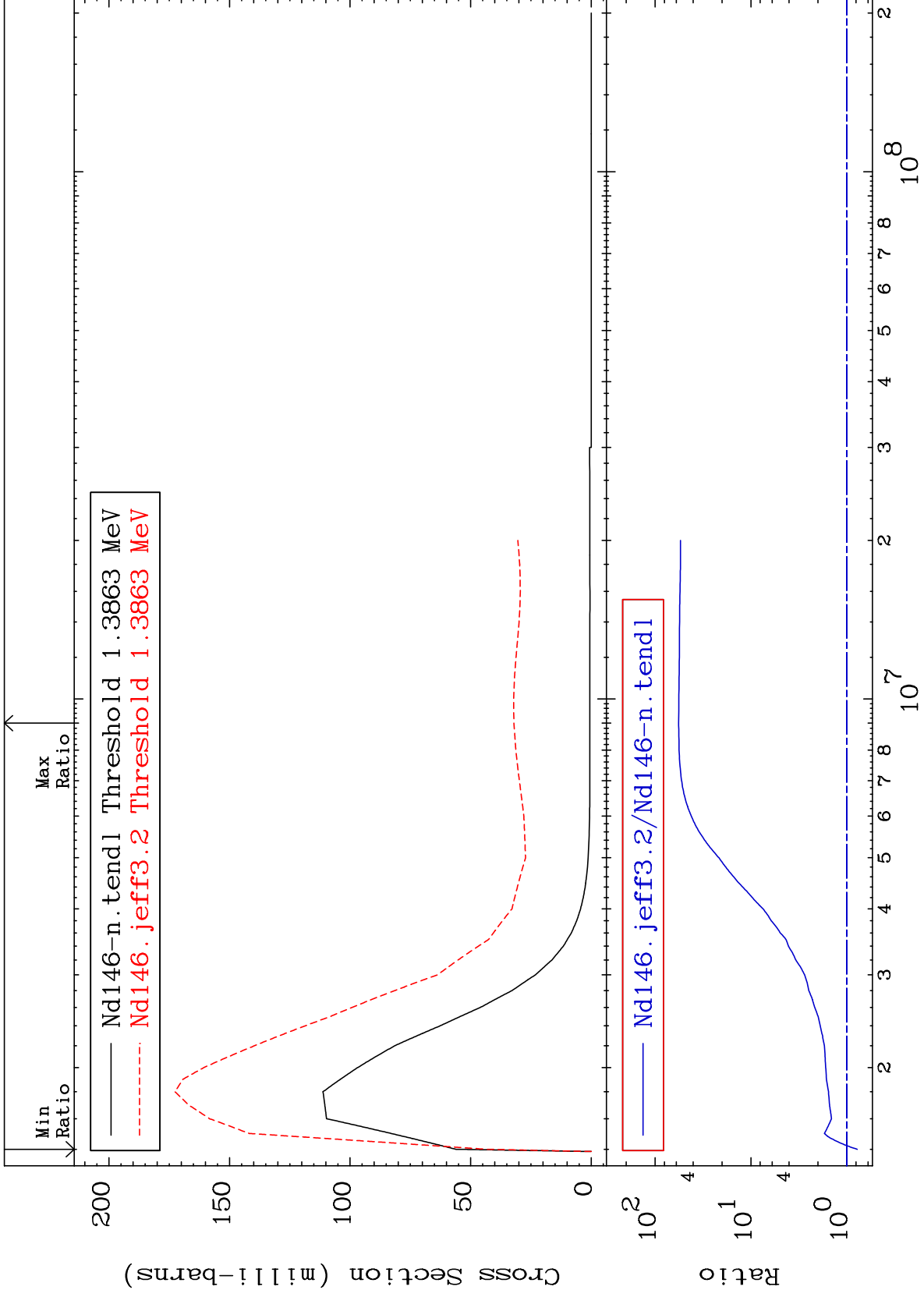
Incident Energy (eV)

60-Nd-146

MAT 6037

1.377 MeV (n,n') Level  
Cross Section

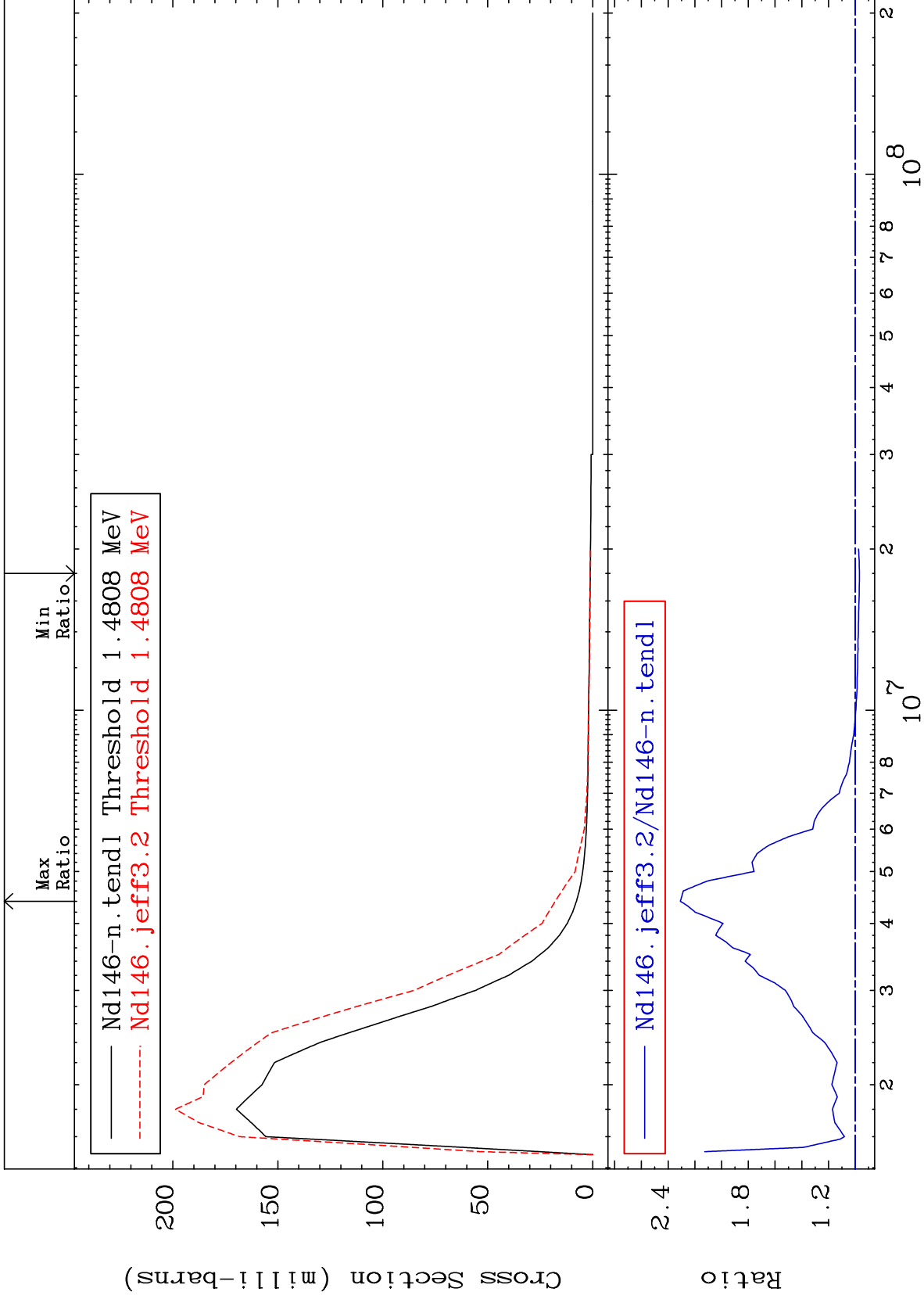
60-Nd-146  
-22.31 To 5576. %



15

Incident Energy (eV)

60-Nd-146

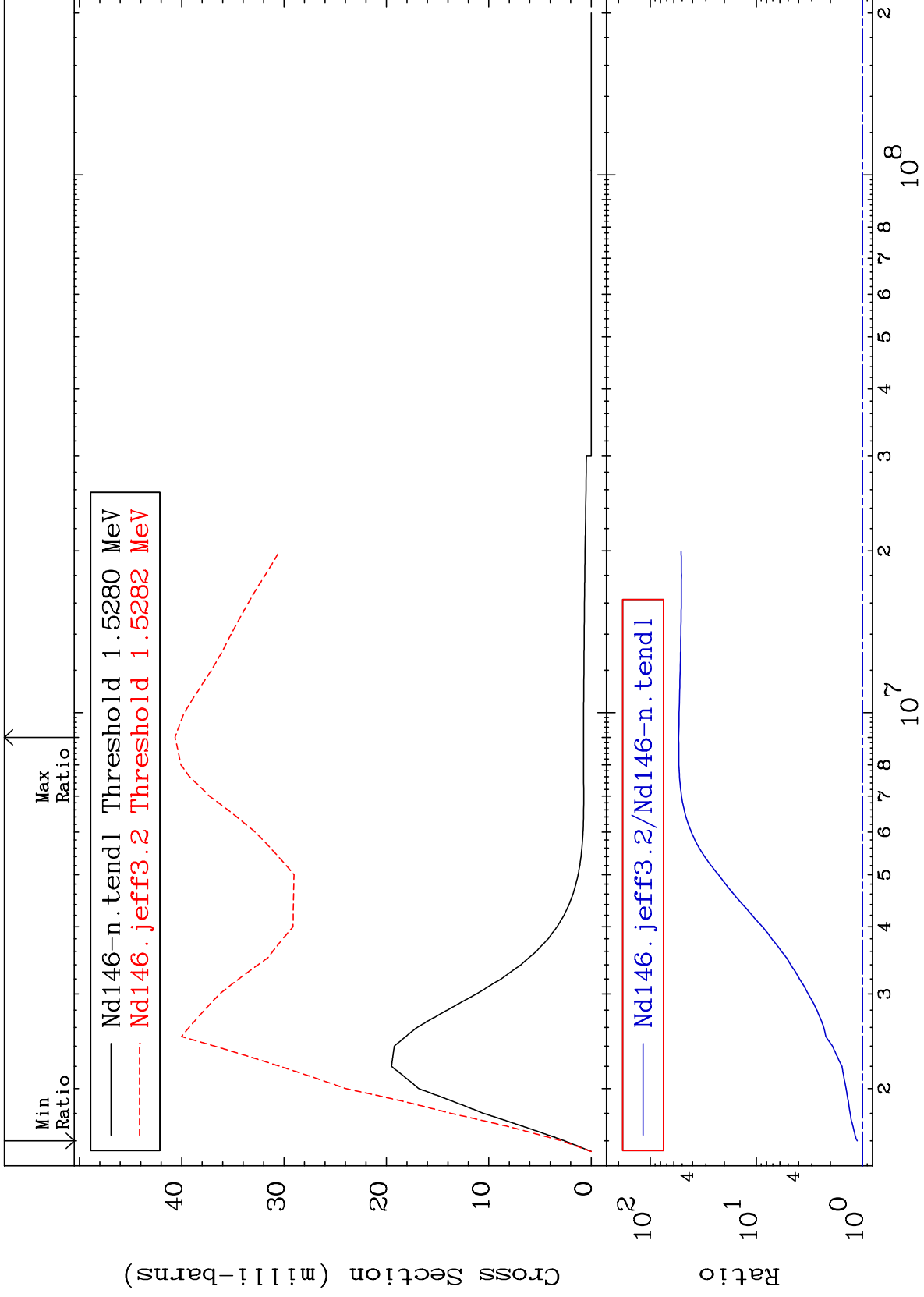




MAT 6037

1.518 MeV (n,n') Level  
Cross Section

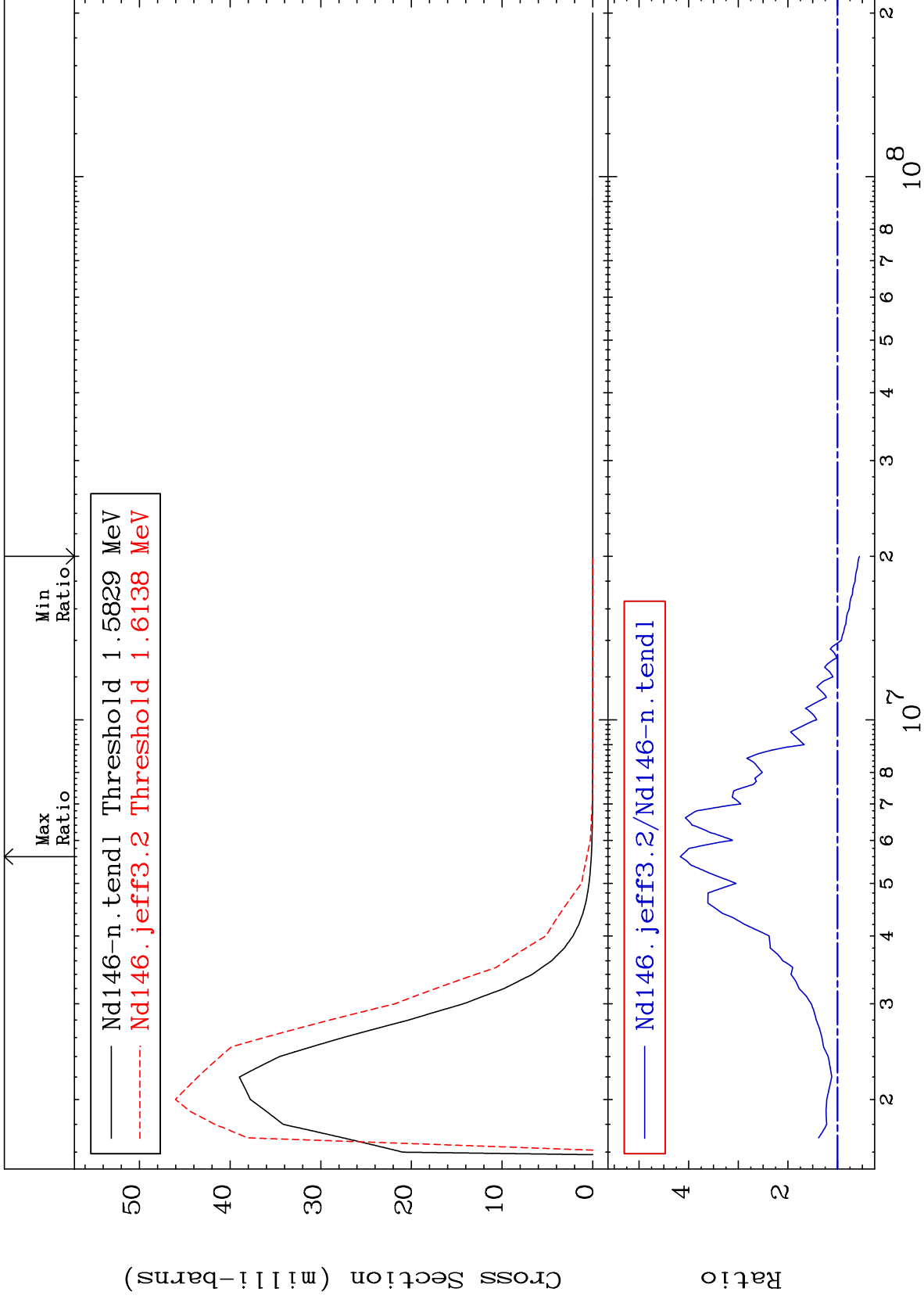
60-Nd-146  
11.74 To 5305. %



MAT 6037

1.572 MeV (n,n') Level  
Cross Section

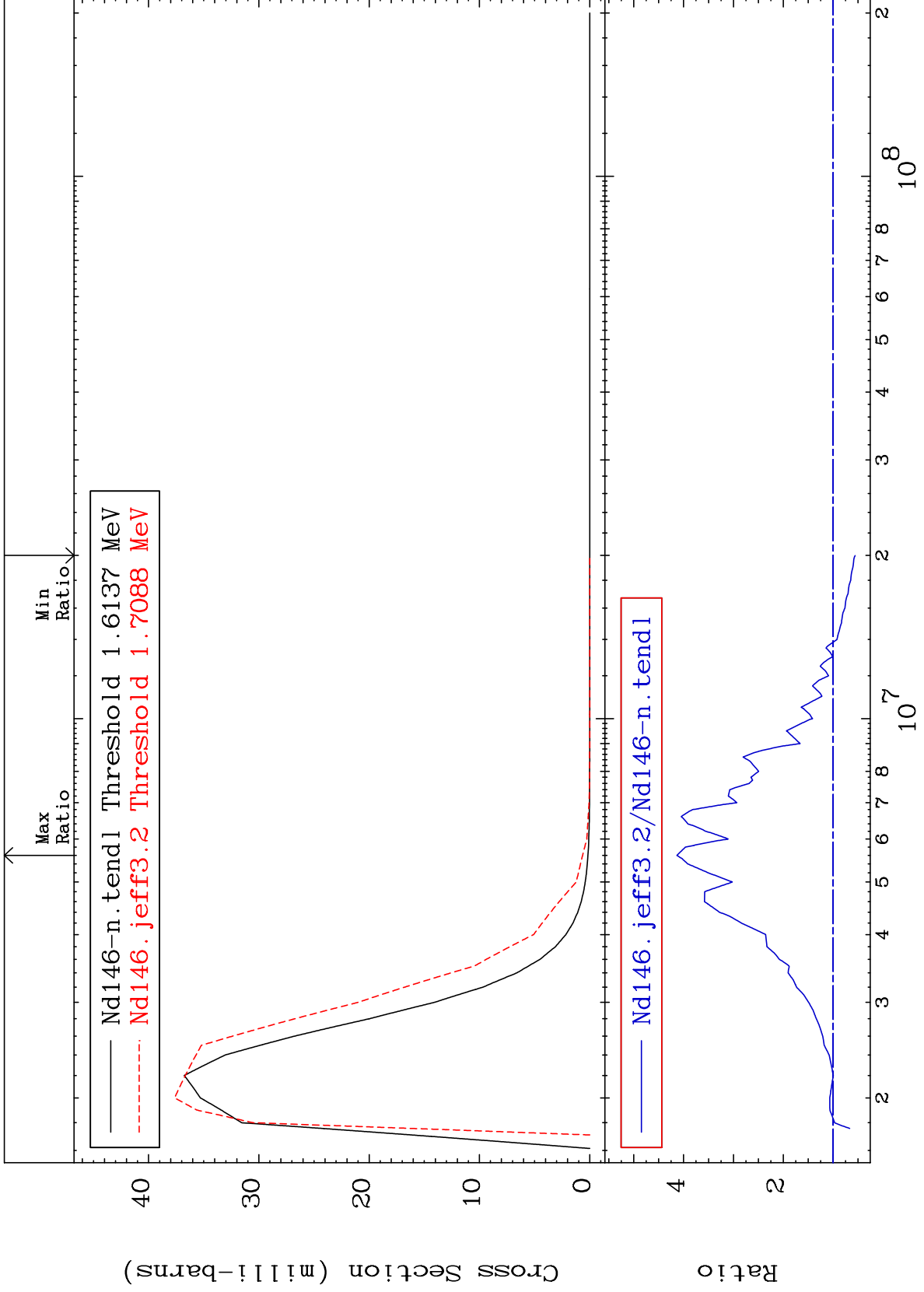
60-Nd-146  
-44.01 To 316.8 %



MAT 6037

1.603 MeV (n,n') Level  
Cross Section

60-Nd-146  
-44.09 To 313.4 %



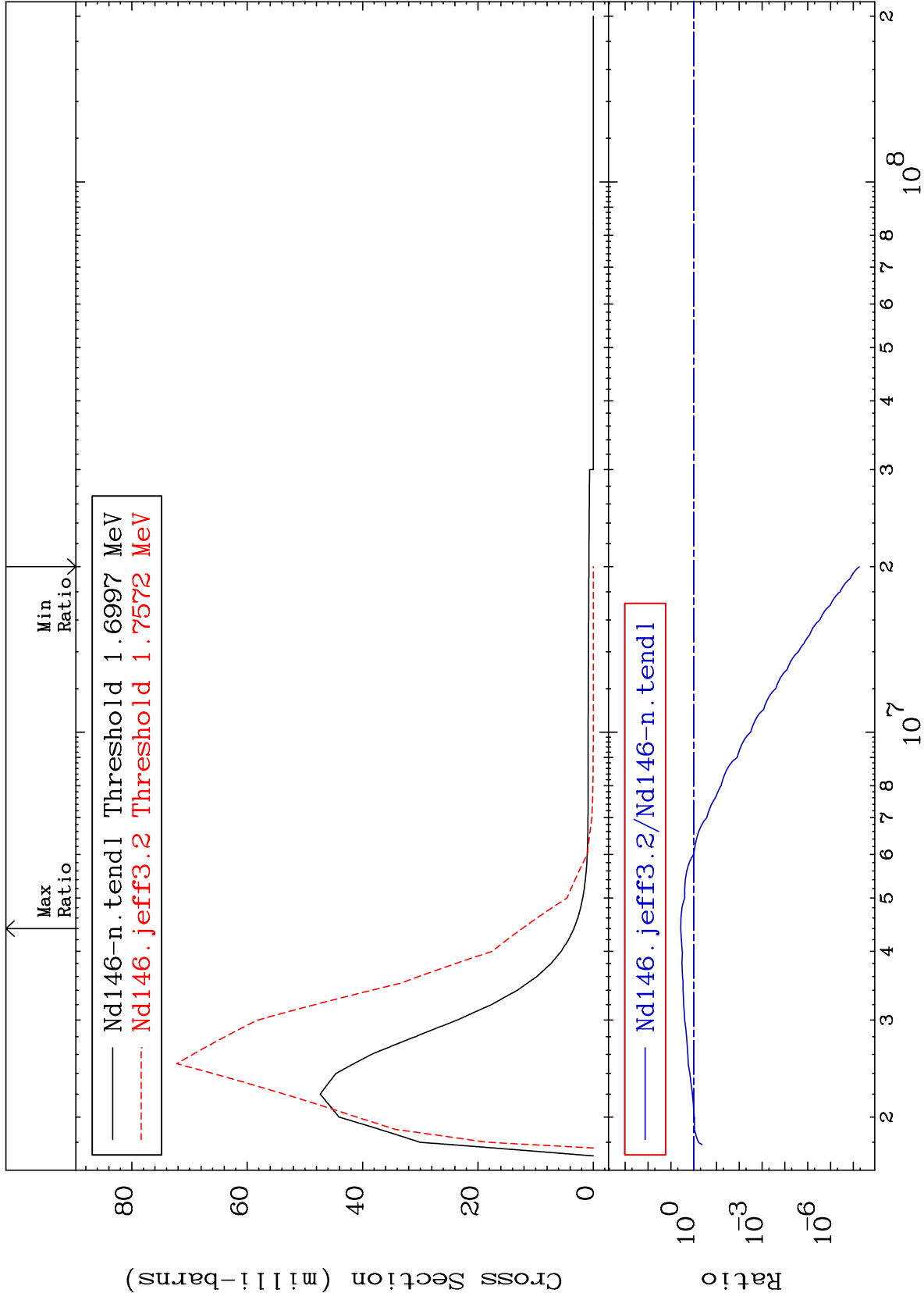
MAT 6037

1.688 MeV (n,n') Level

60-Nd-146

-100.0 To 267.9 %

Cross Section



20

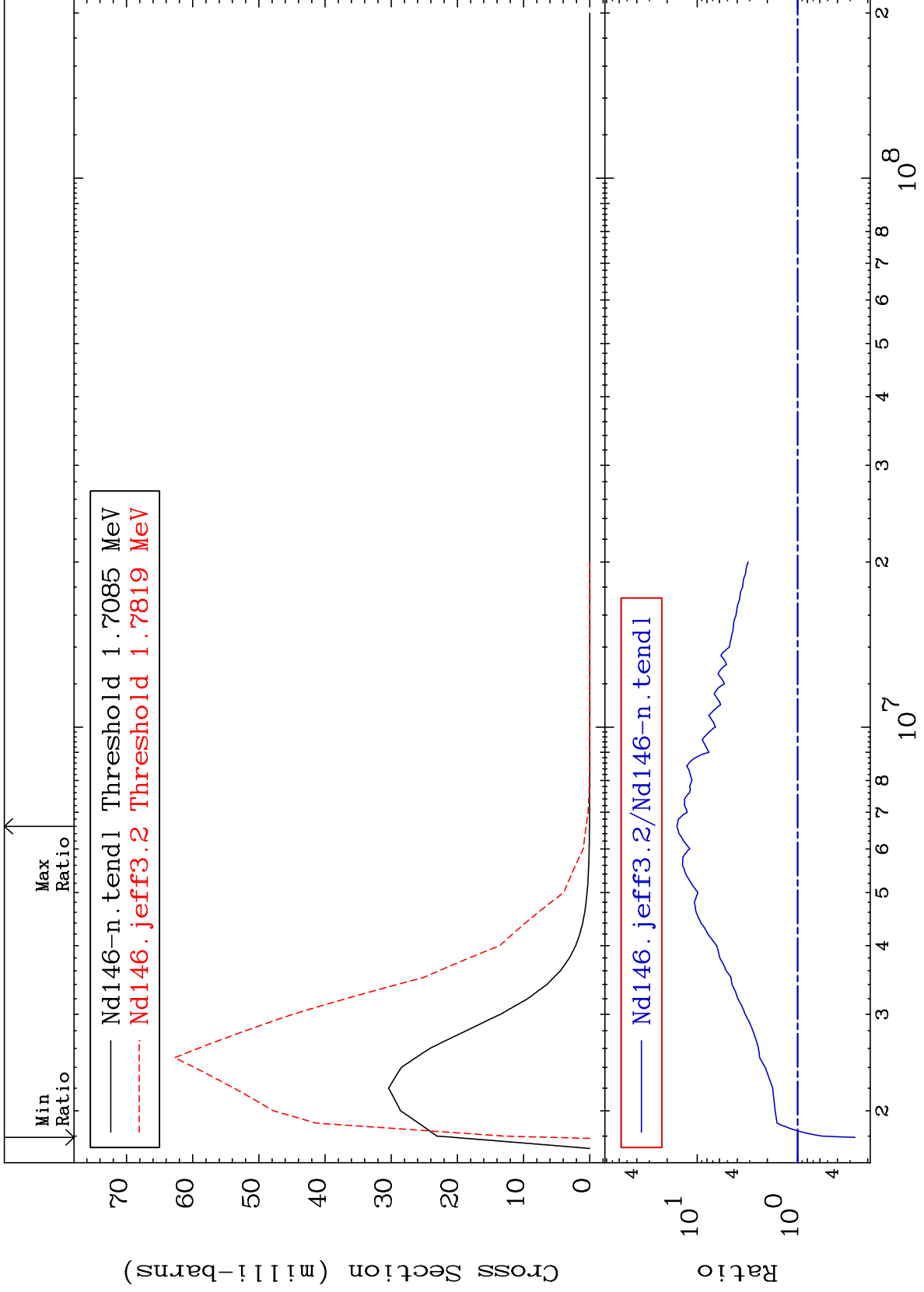
Incident Energy (eV)

60-Nd-146

MAT 6037

1.697 MeV (n,n') Level  
Cross Section

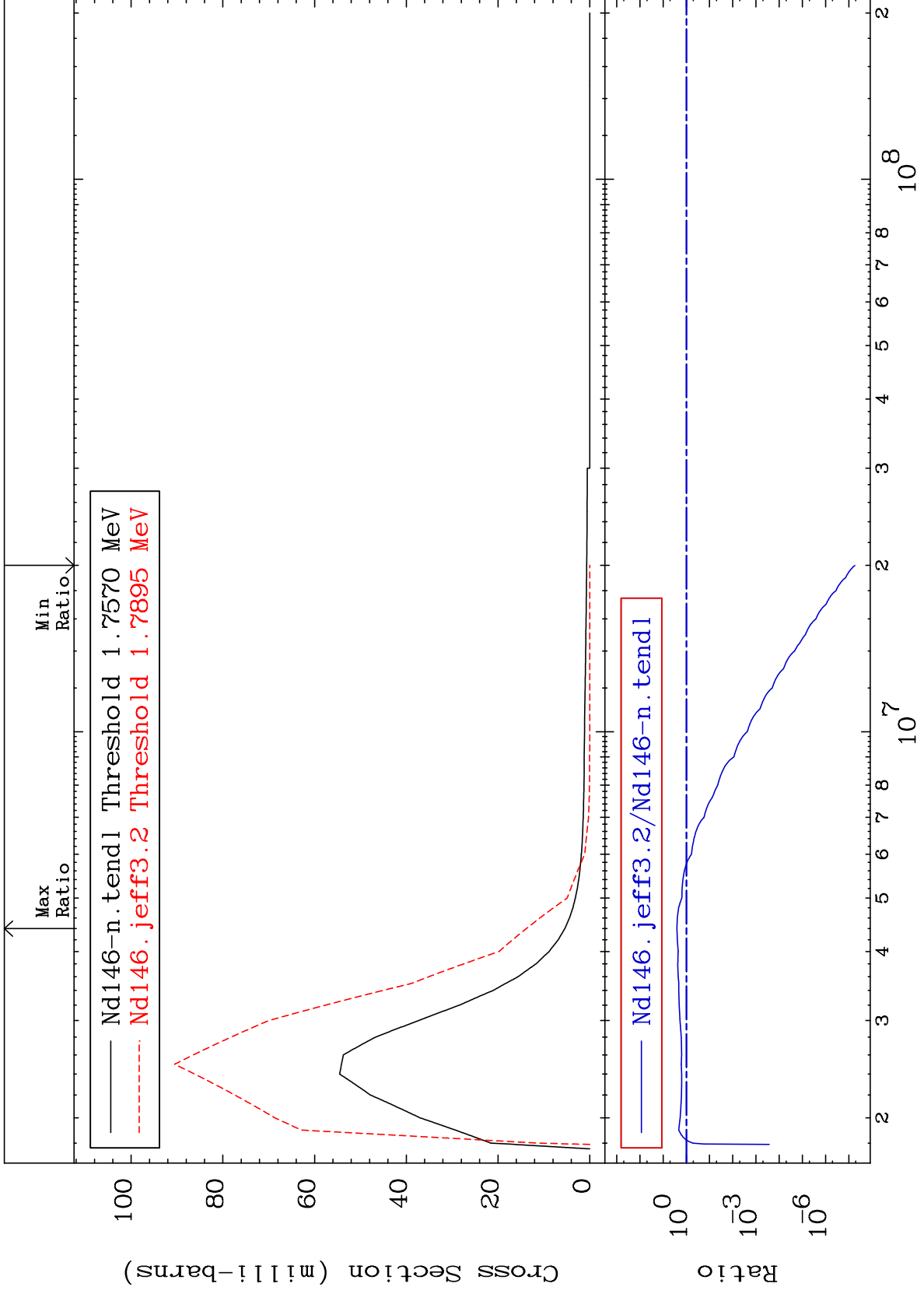
60-Nd-146  
-73.28 To 1494. %

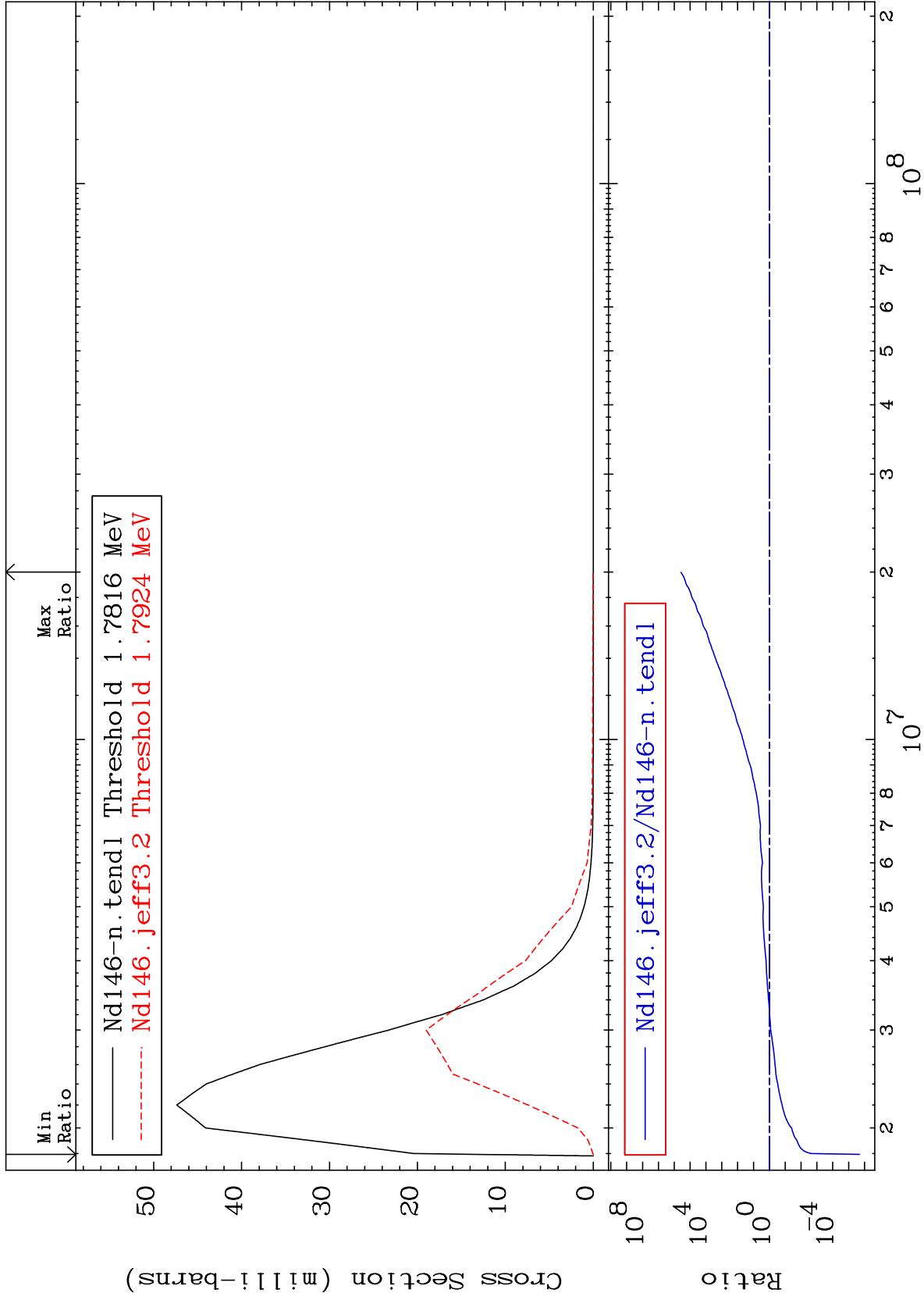


MAT 6037

1.745 MeV (n,n') Level  
Cross Section

60-Nd-146  
-100.0 To 154.5 %

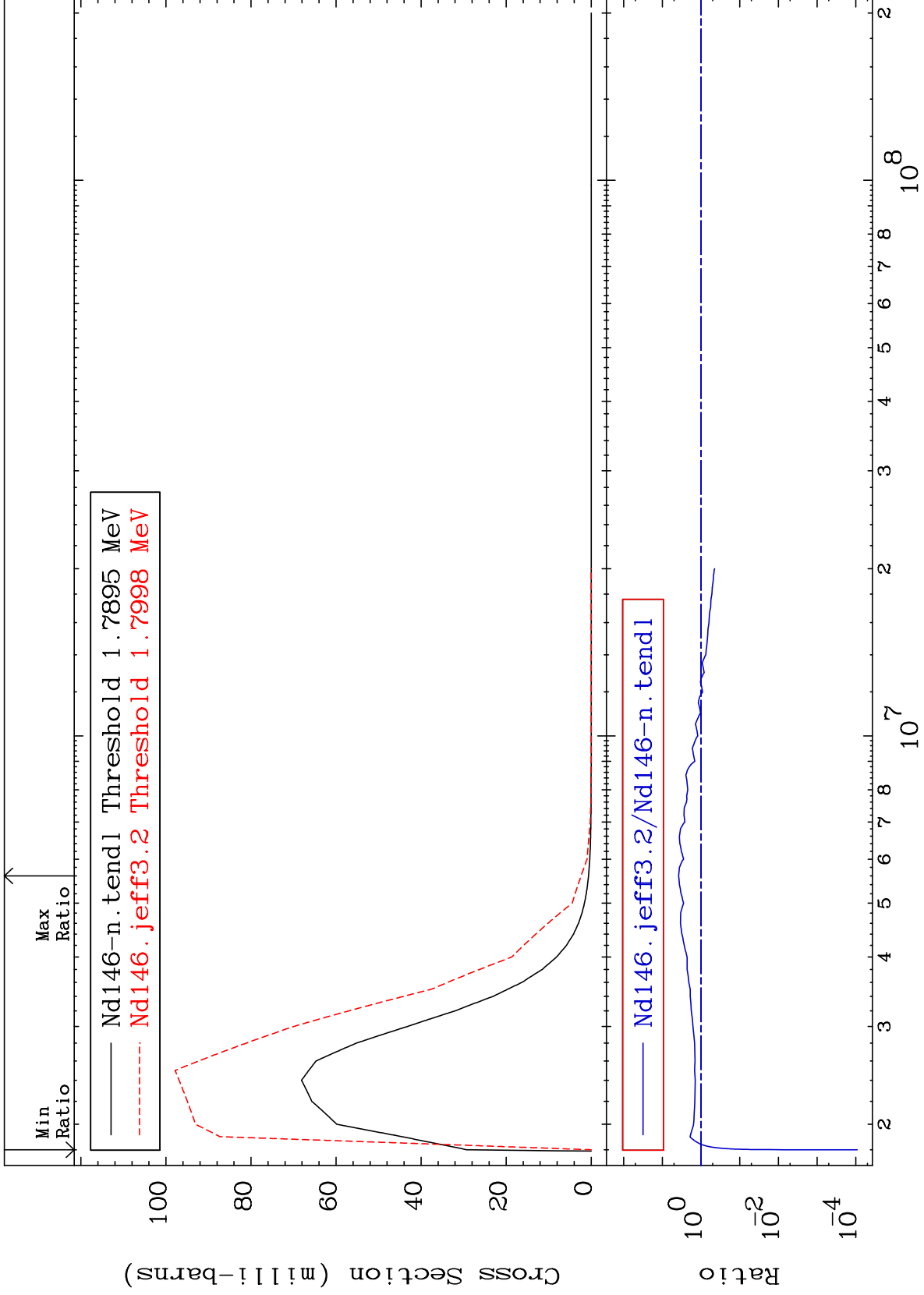




MAT 6037

1.777 MeV (n,n') Level  
Cross Section

60-Nd-146  
-99.99 To 280.1 %

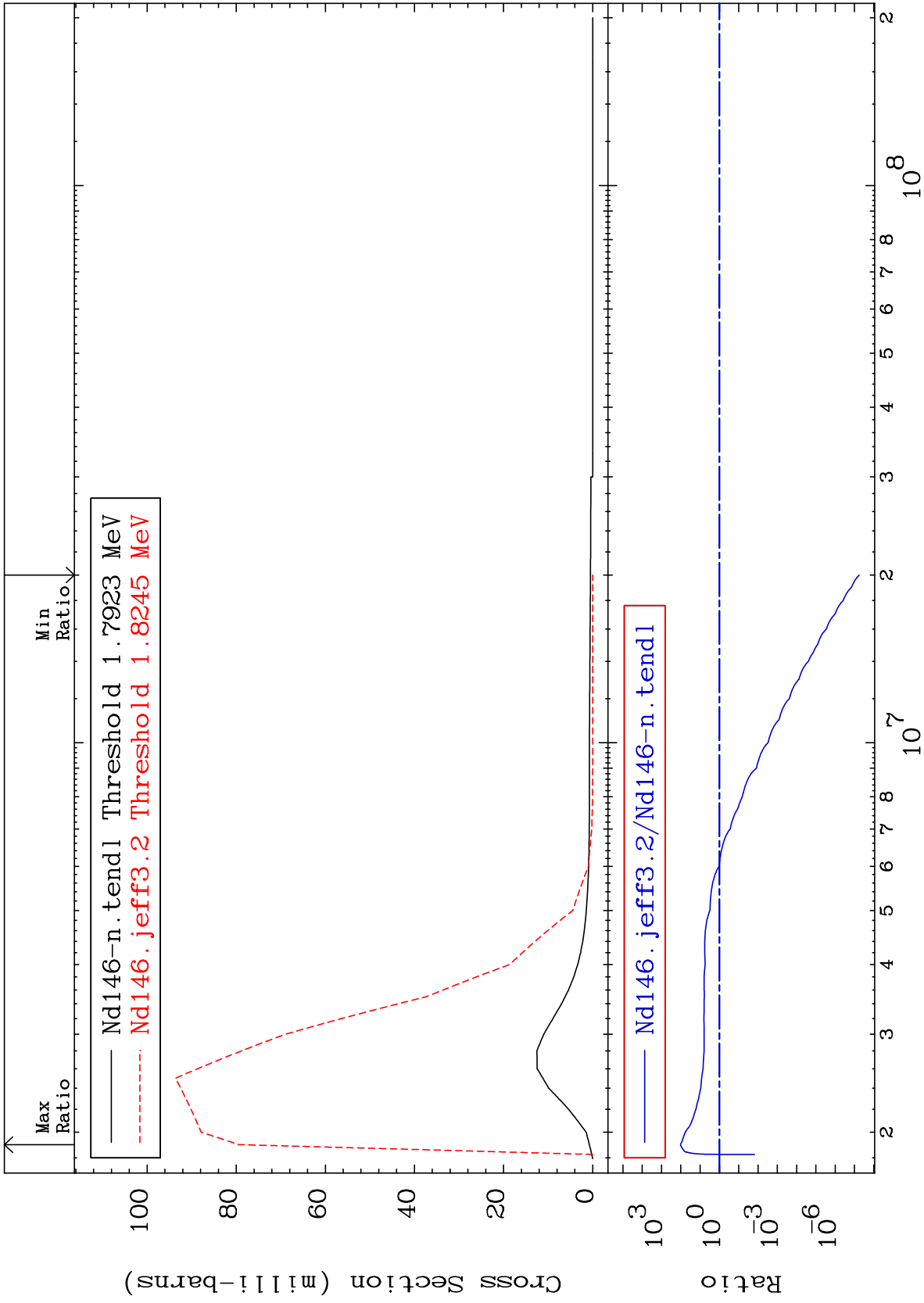


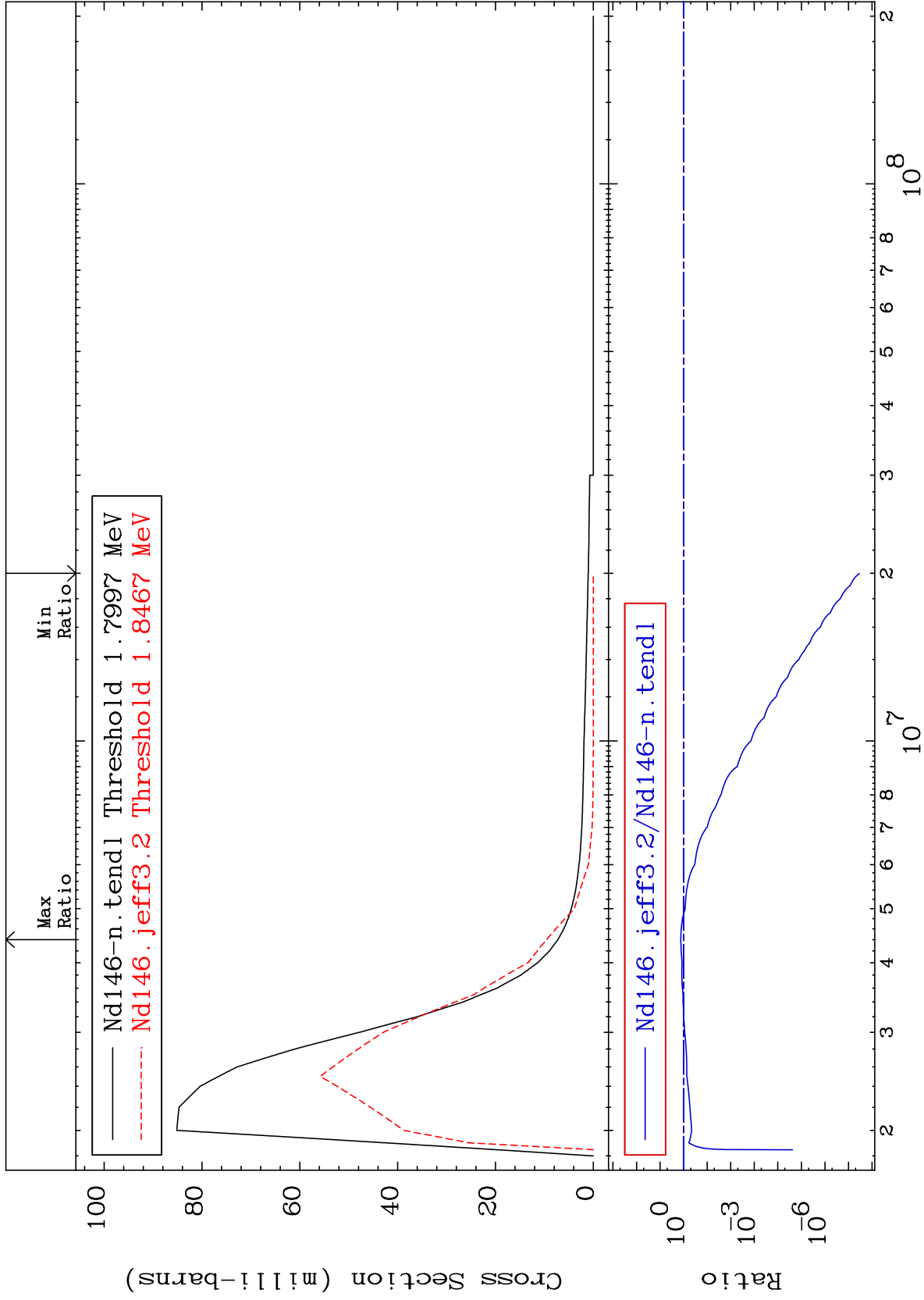


MAT 6037

1.780 MeV (n,n') Level  
Cross Section

60-Nd-146  
-100.0 To 9999. %





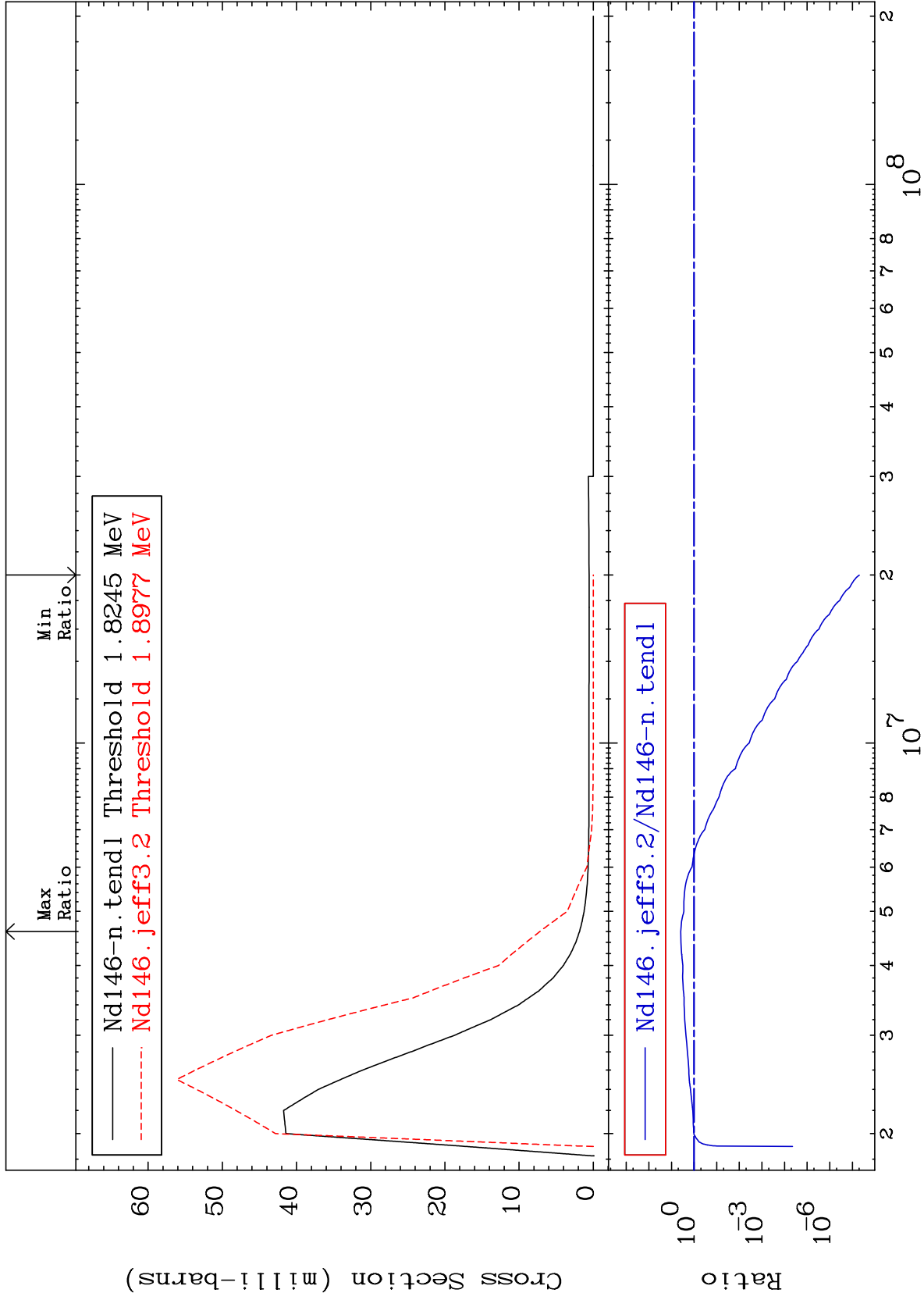
MAT 6037

1.812 MeV (n,n') Level

60-Nd-146

-100.0 To 288.8 %

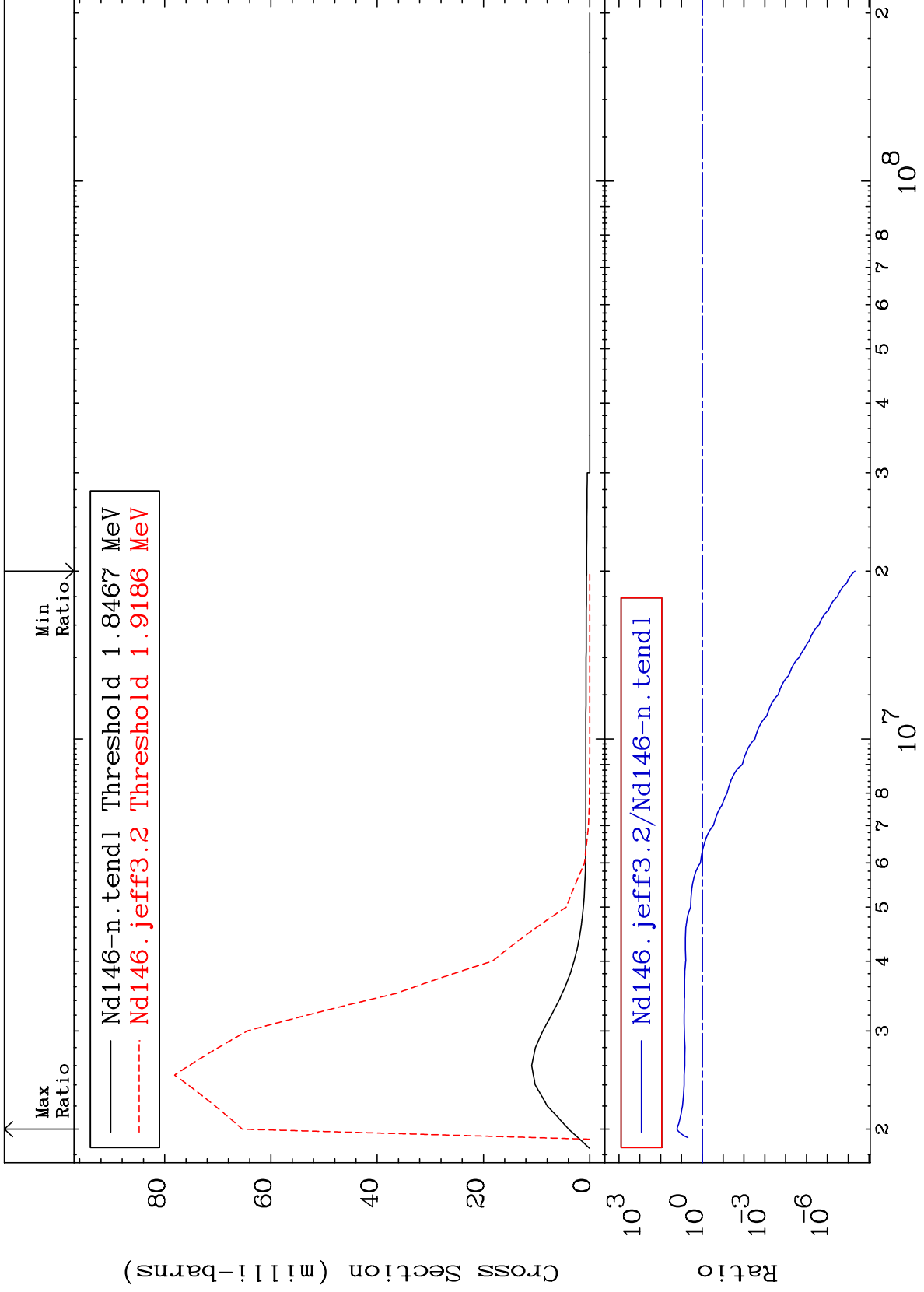
Cross Section

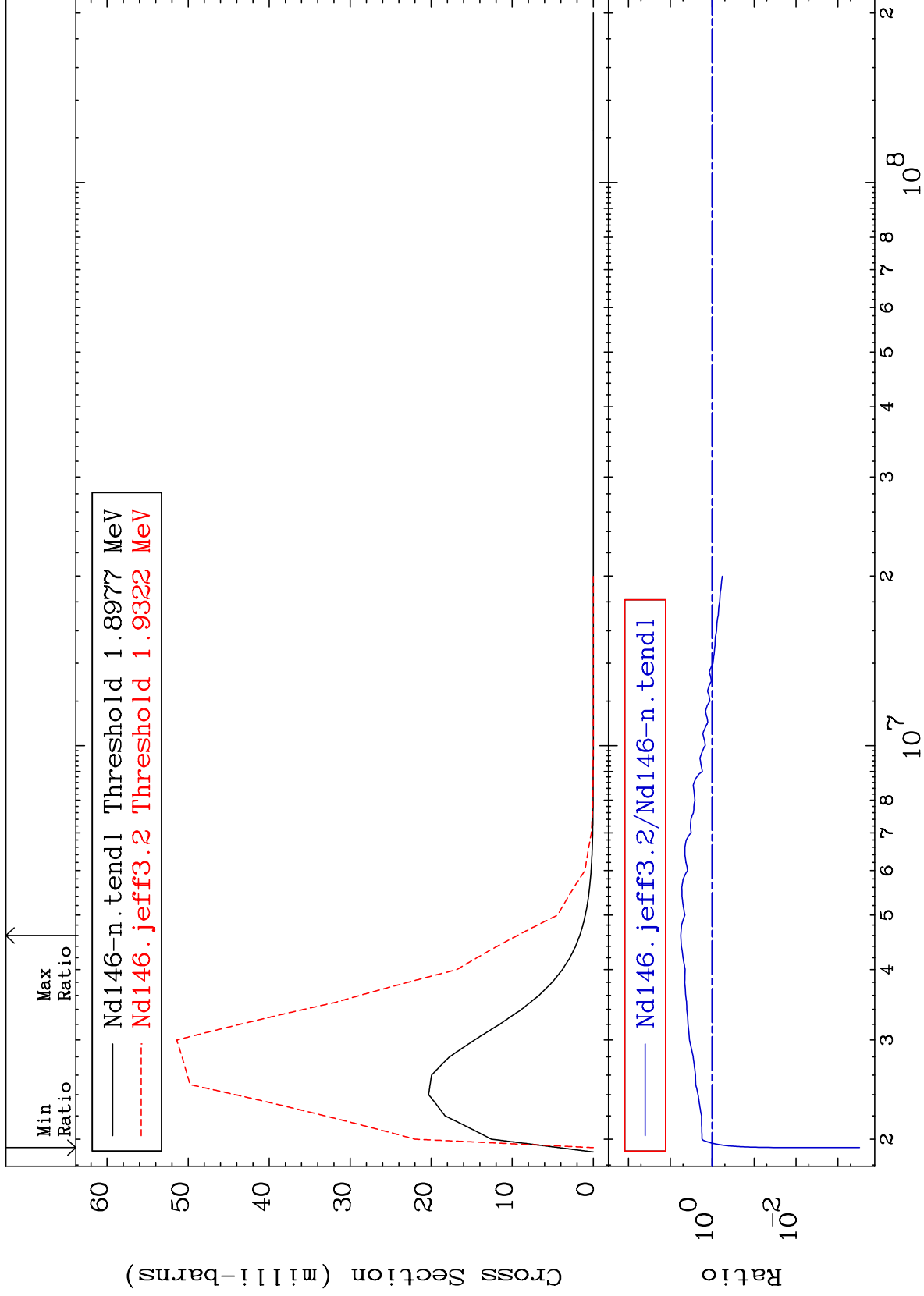


MAT 6037

1.834 MeV (n,n') Level  
Cross Section

60-Nd-146  
-100.0 To 1547. %



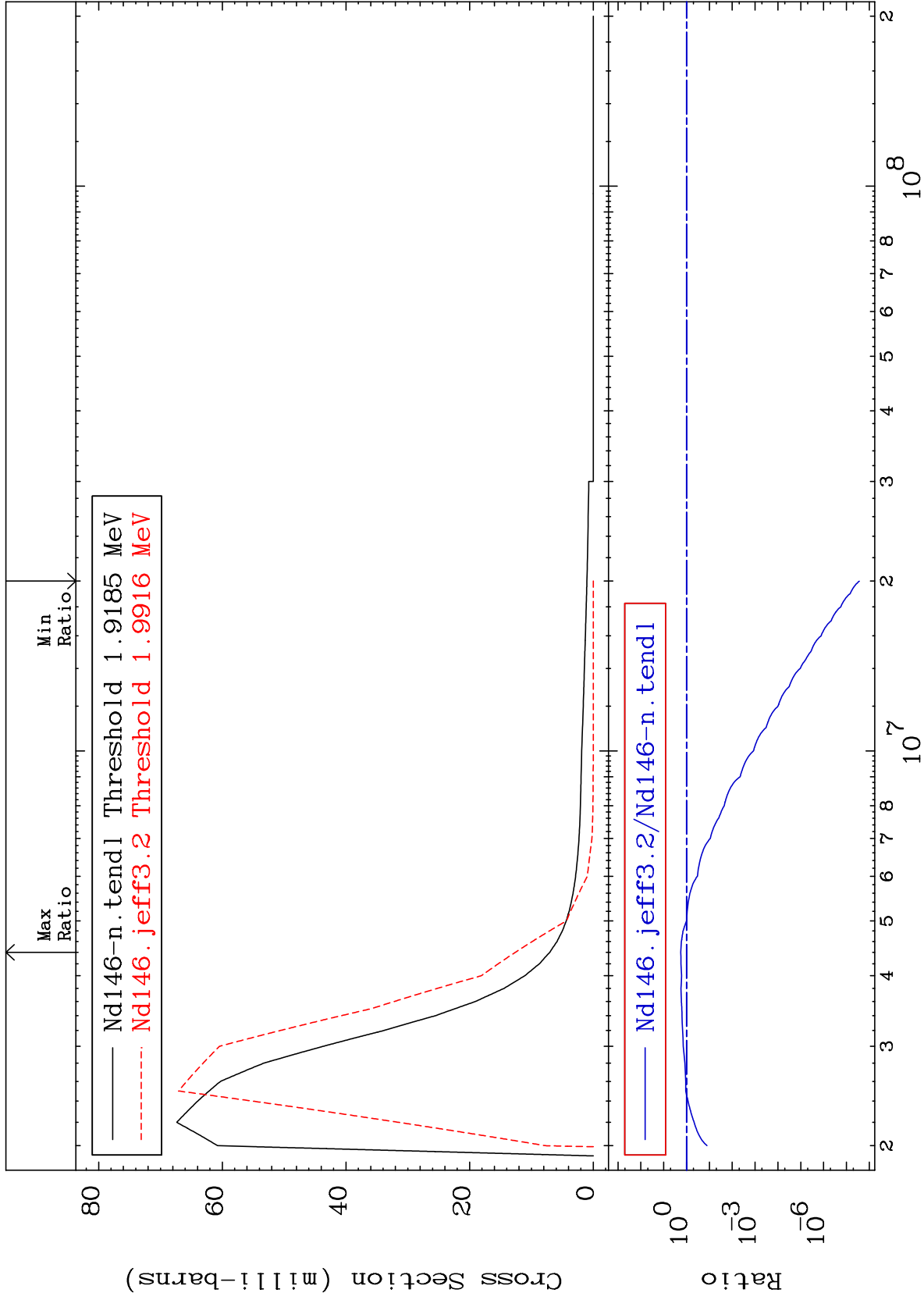


MAT 6037

1.905 MeV (n,n') Level

60-Nd-146

-100.0 To 79.04 %



30

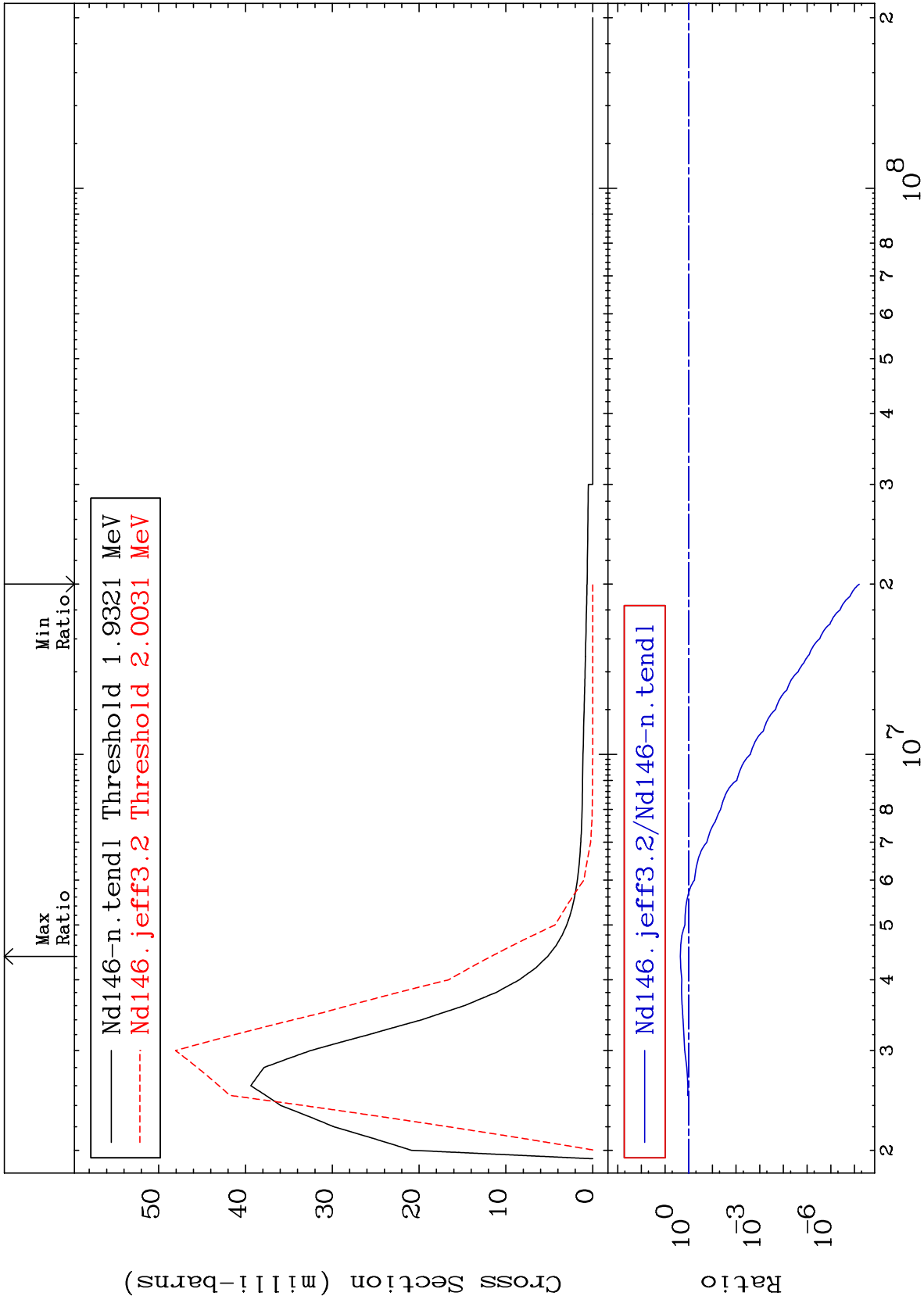
Incident Energy (eV)

60-Nd-146

MAT 6037

1.919 MeV (n,n') Level  
Cross Section

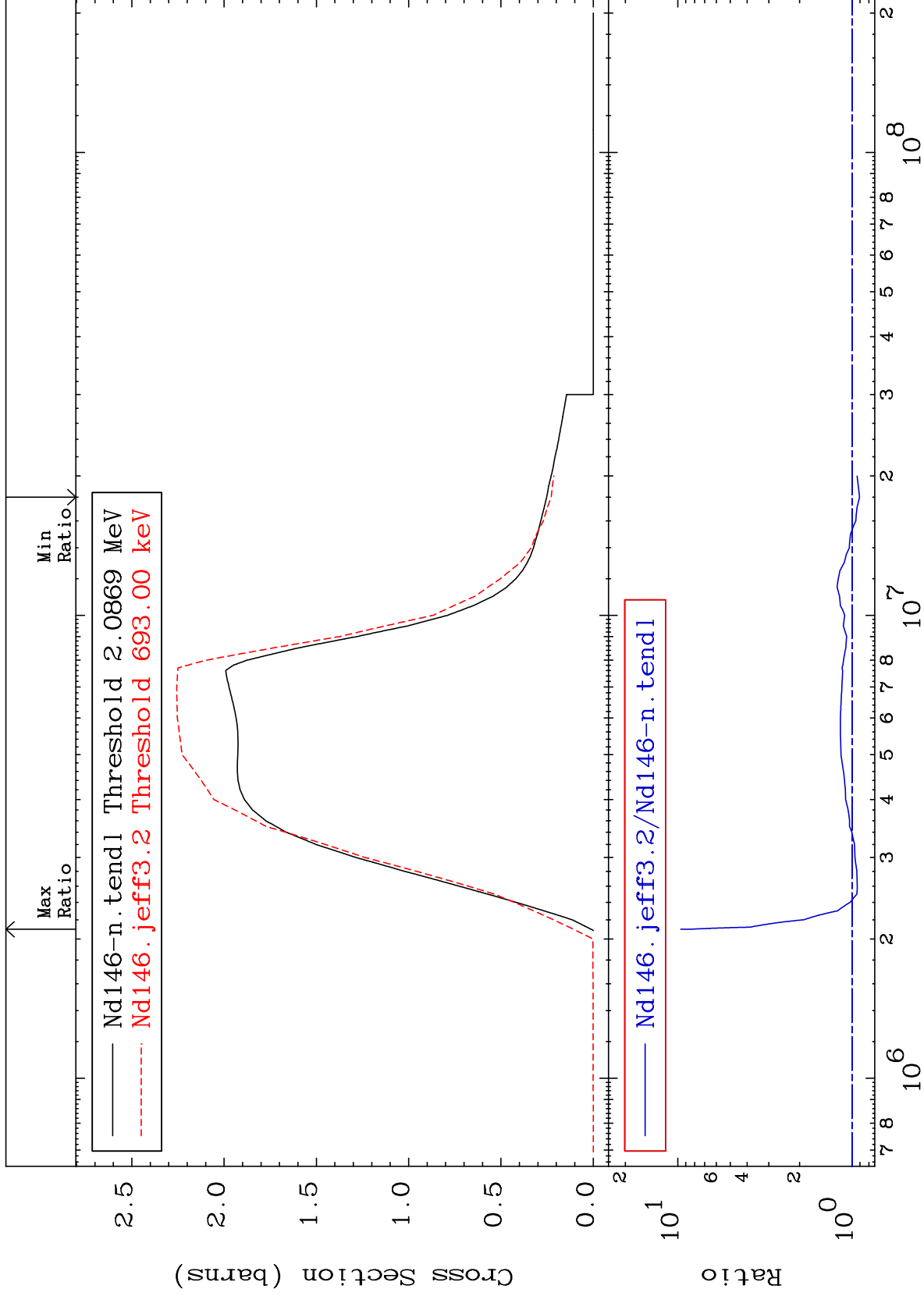
60-Nd-146  
-100.0 To 125.6 %



MAT 6037

(n, n') Continuum  
Cross Section

60-Nd-146  
-9.537 To 860.9 %



32

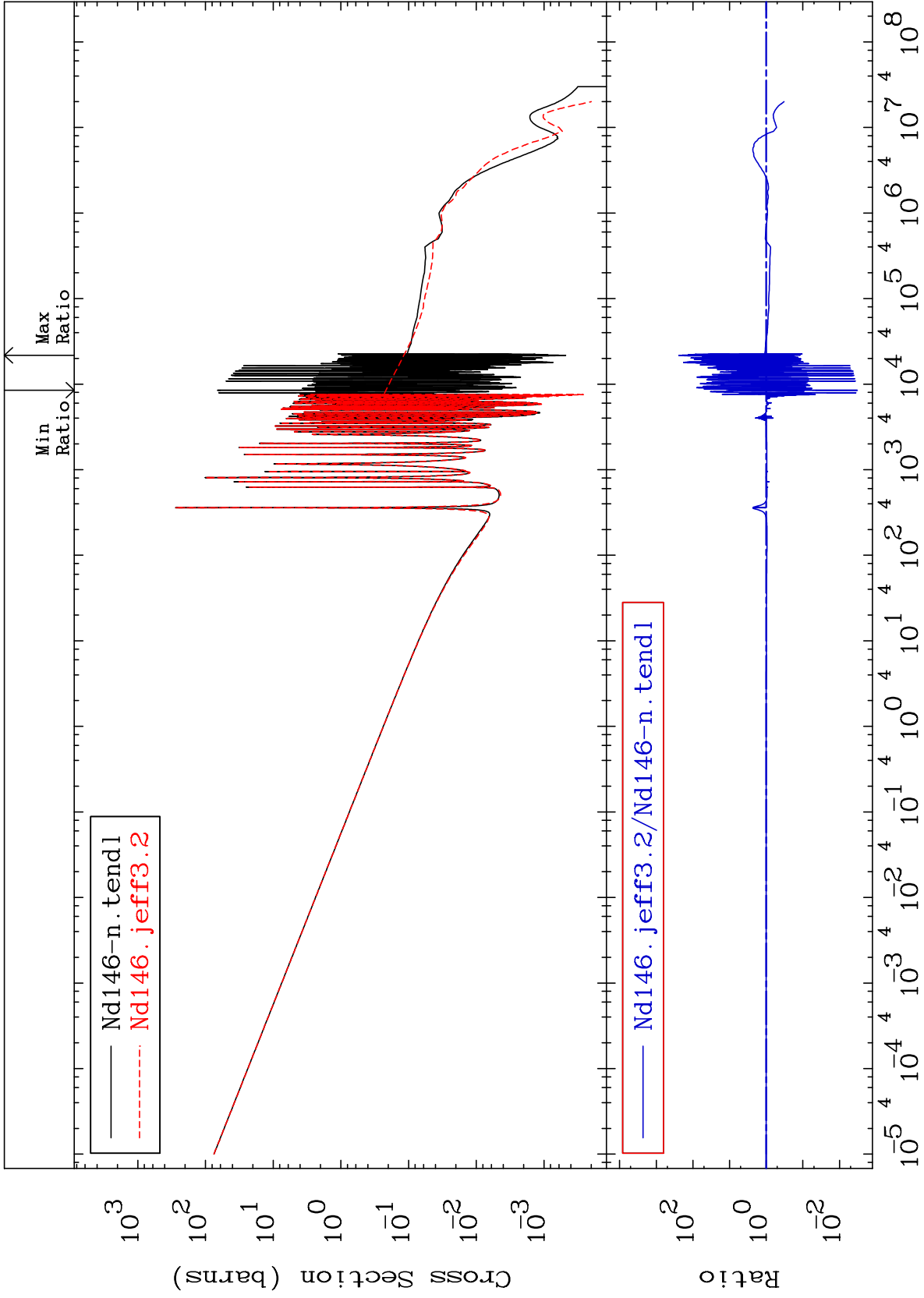
60-Nd-146



MAT 6037

(n,  $\gamma$ )  
Cross Section

60-Nd-146  
-99.67 To 9999. %



Incident Energy (eV)

60-Nd-146

33

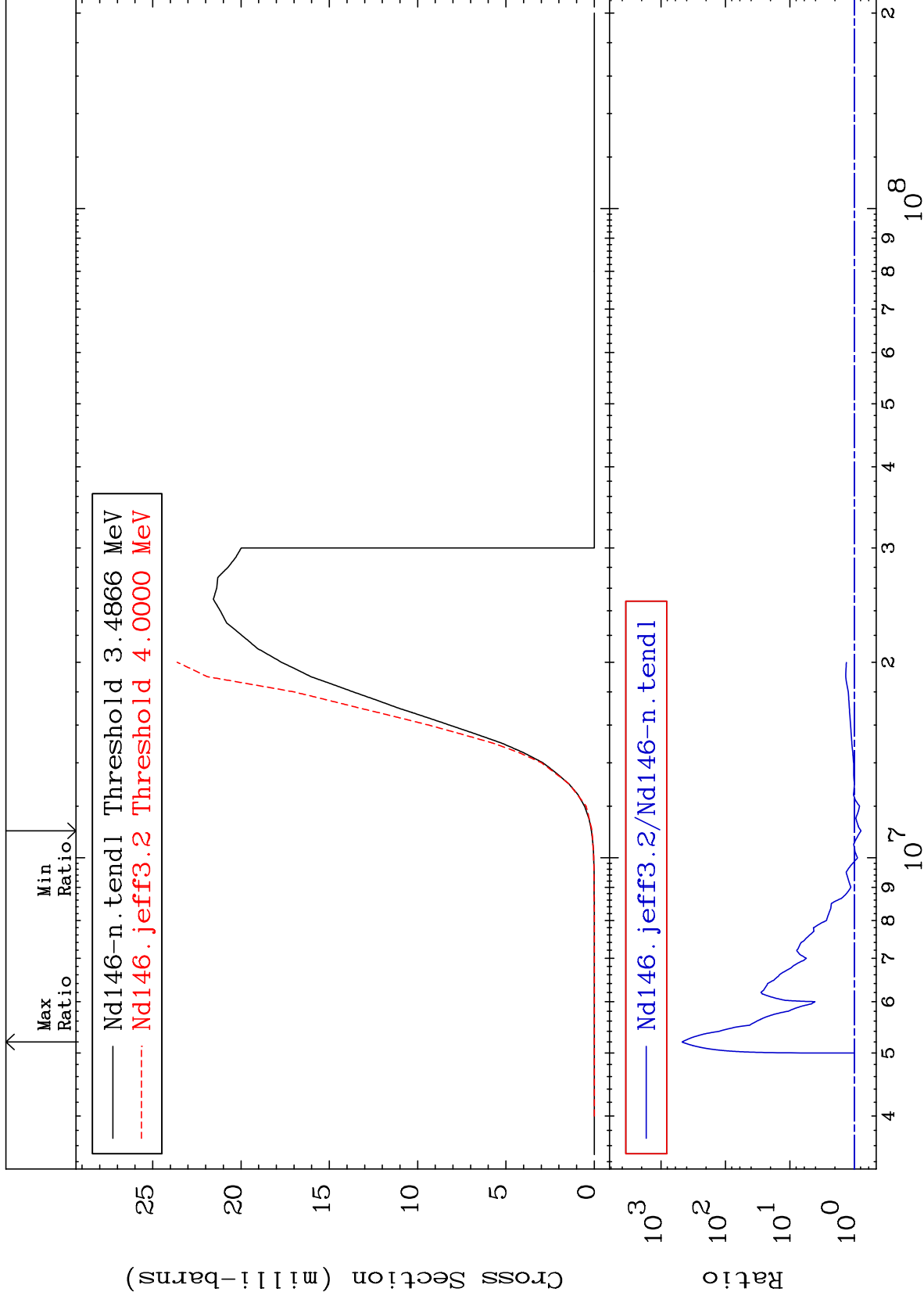
MAT 6037

(n,p)

60-Nd-146

Cross Section

-20.98 To 9999. %



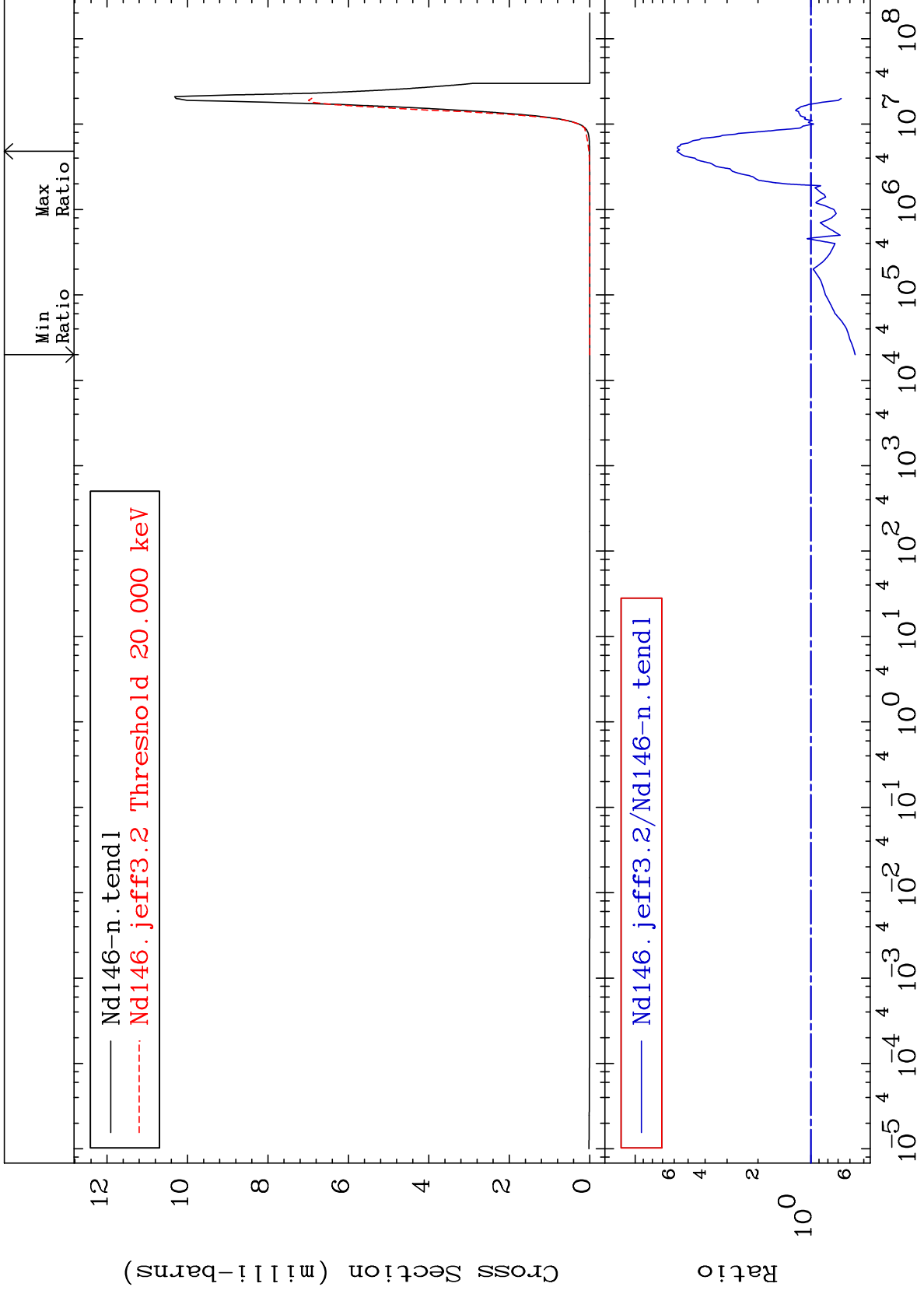
MAT 6037

(n,  $\alpha$ )

60-Nd-146

Cross Section

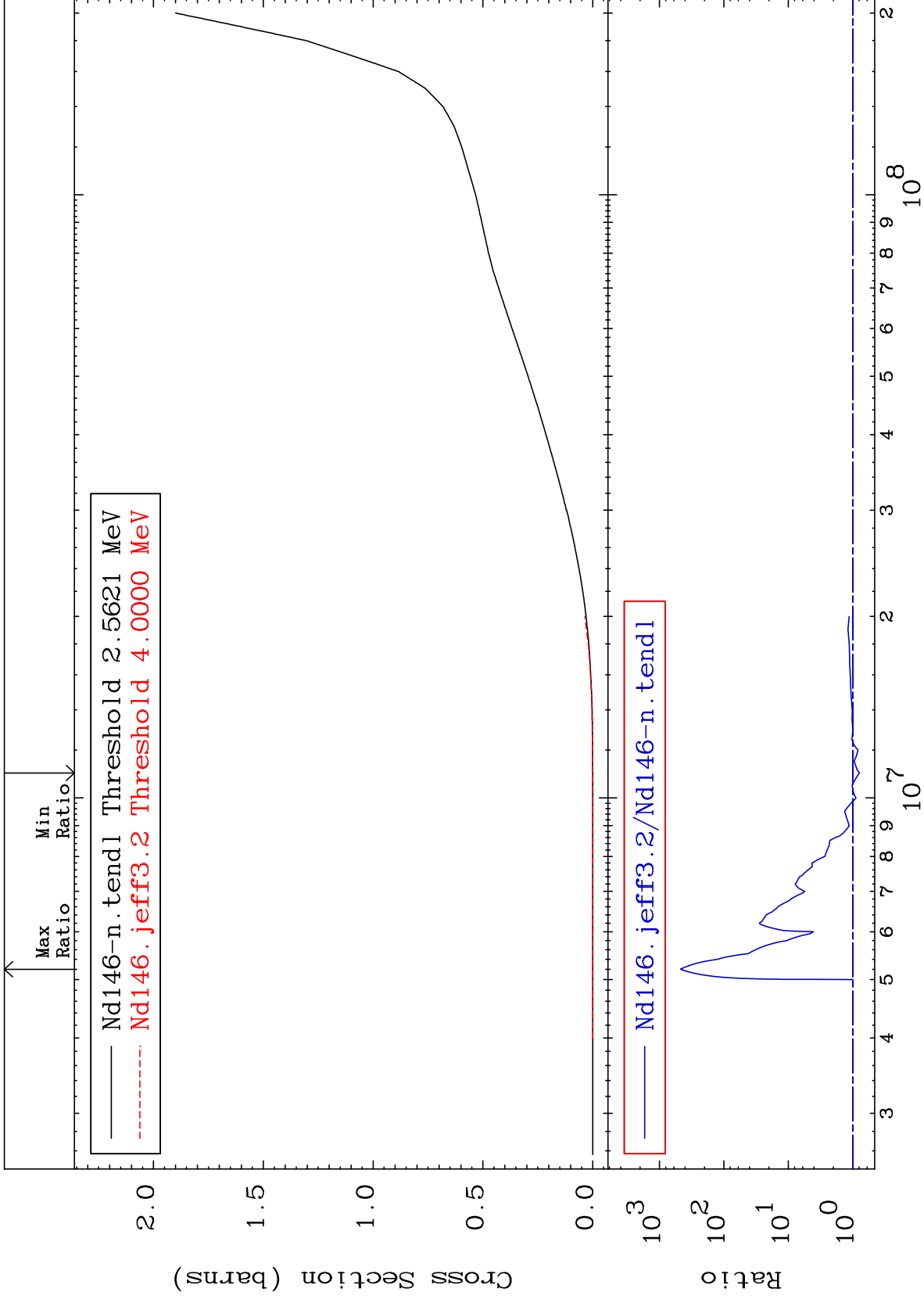
-43.94 To 479.3 %

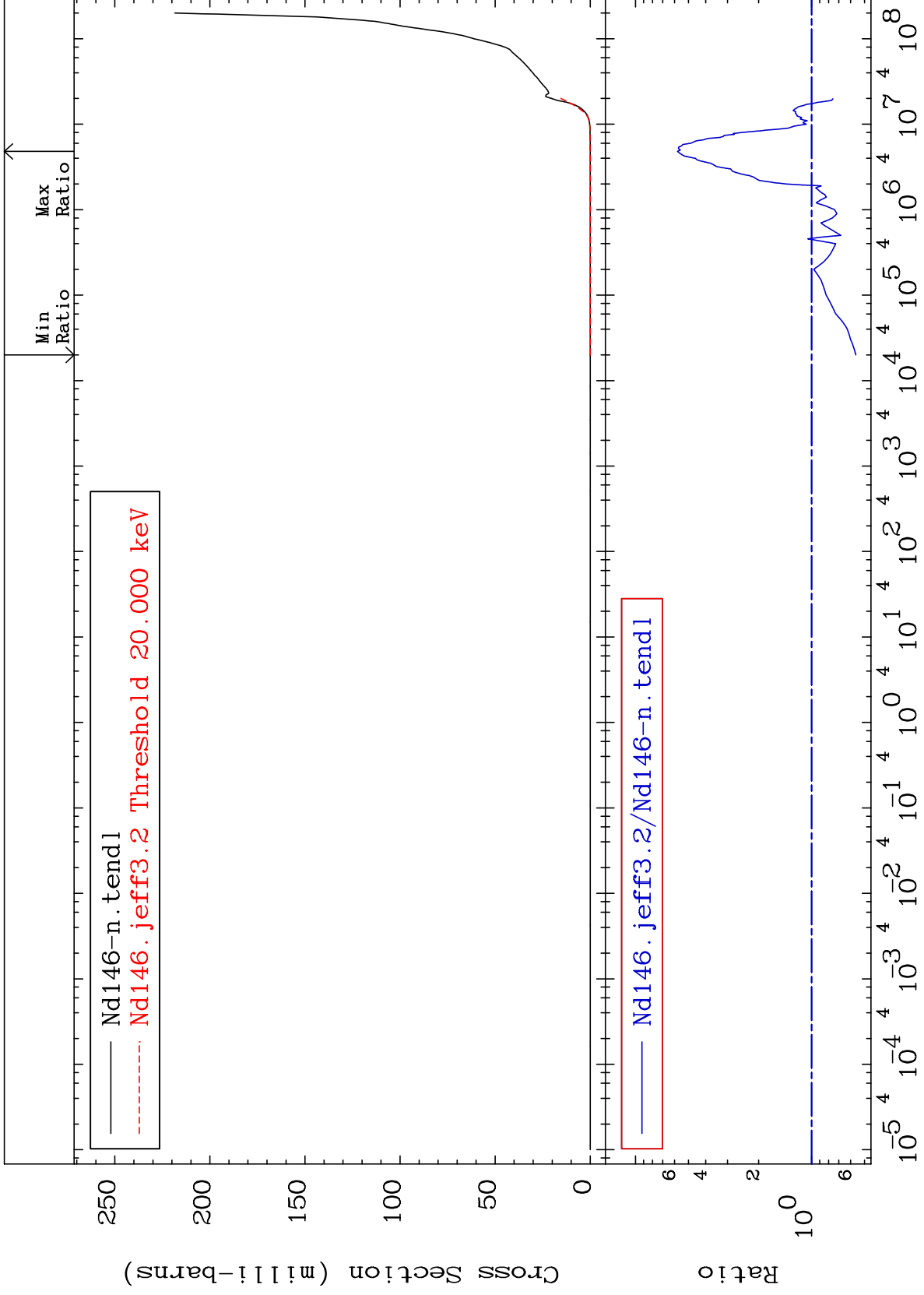


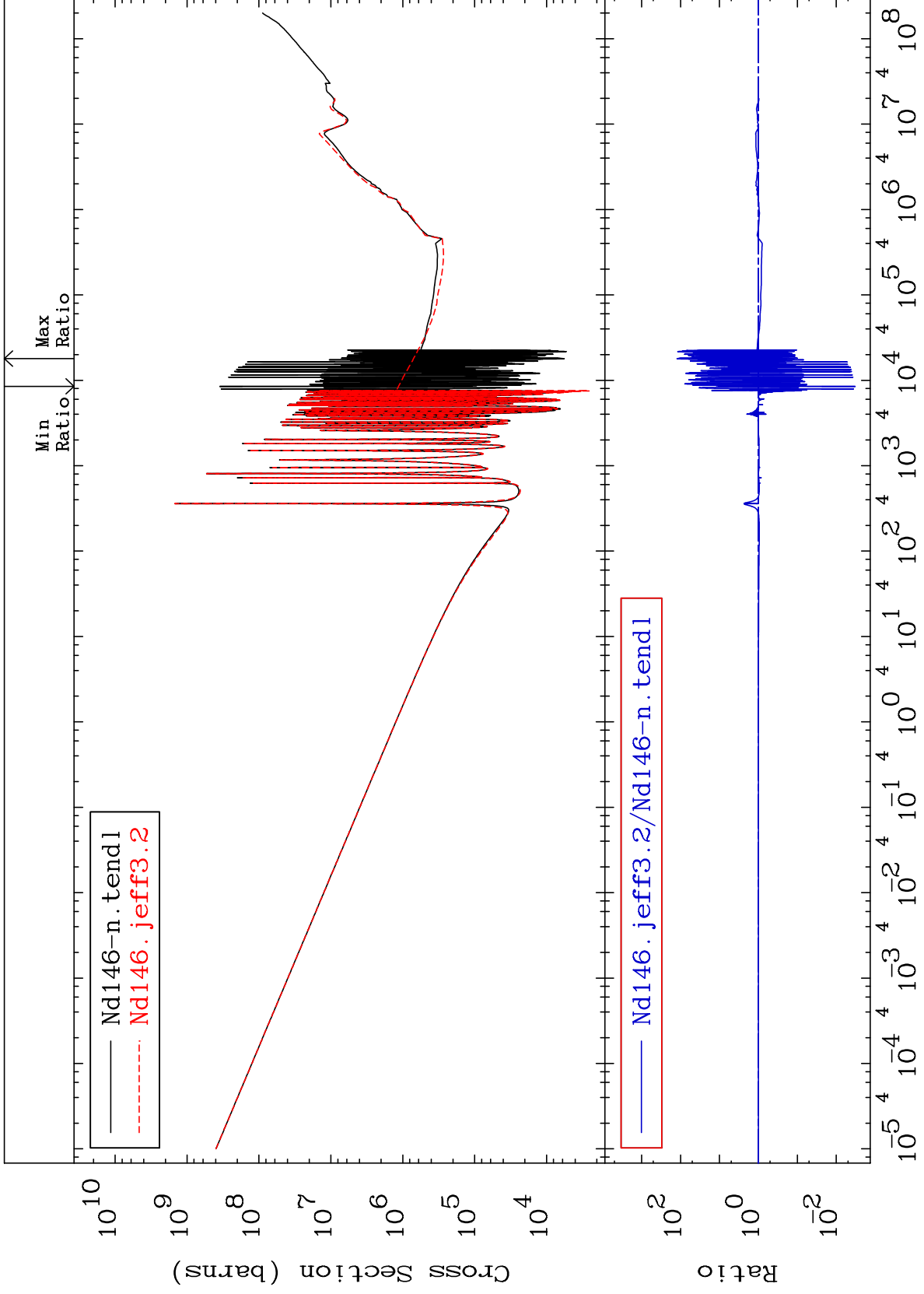
35

Incident Energy (eV)

60-Nd-146



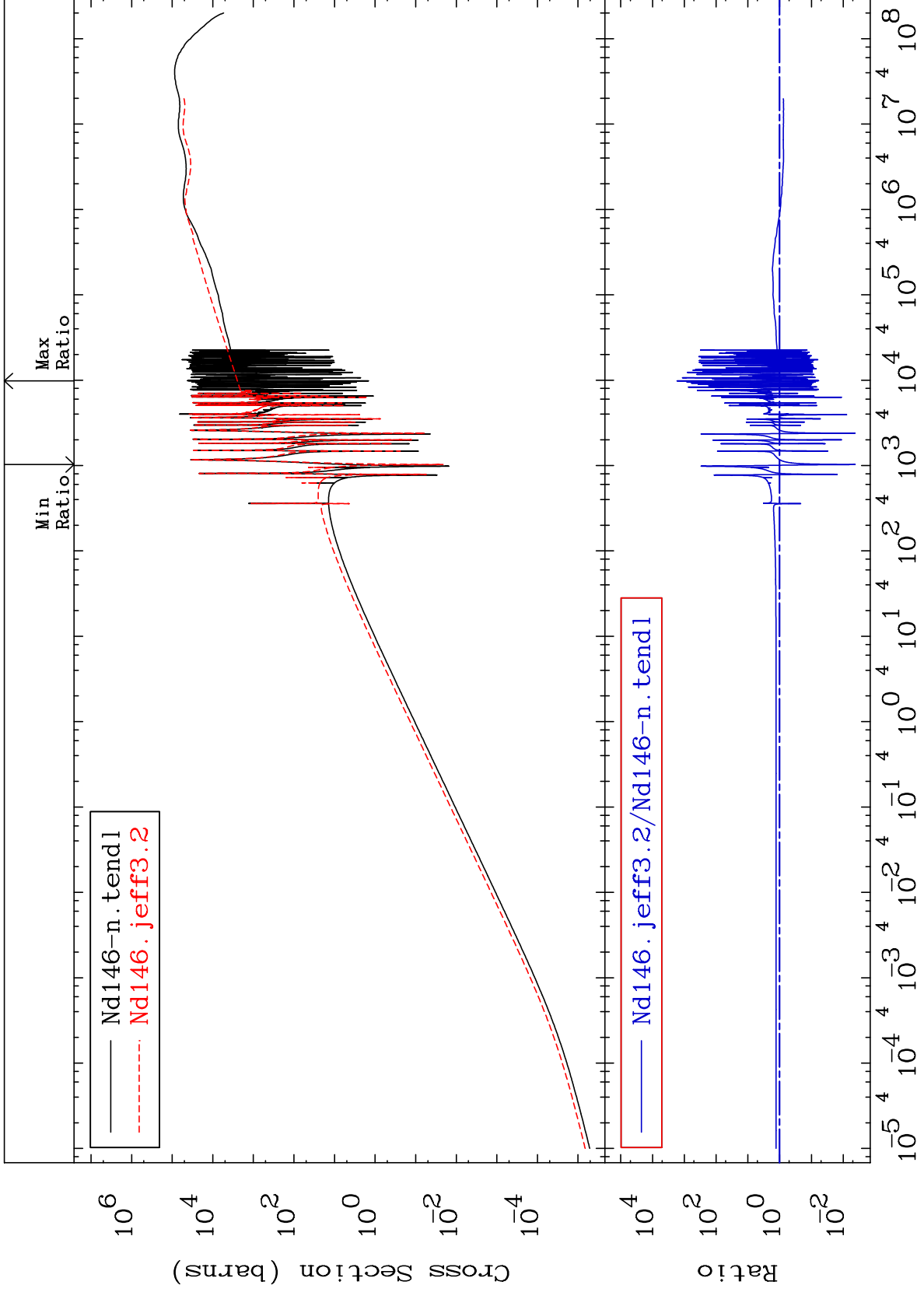


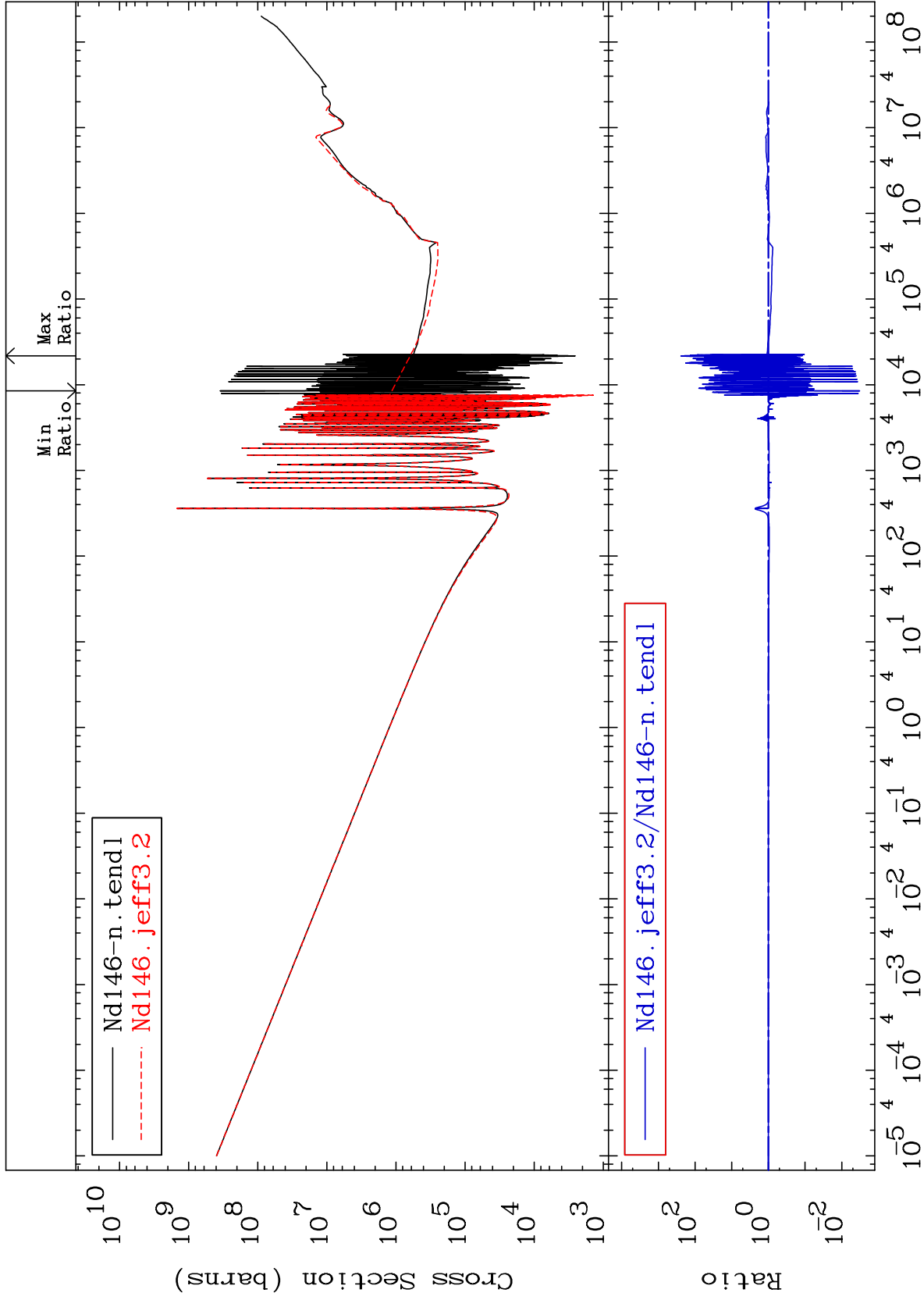


MAT 6037

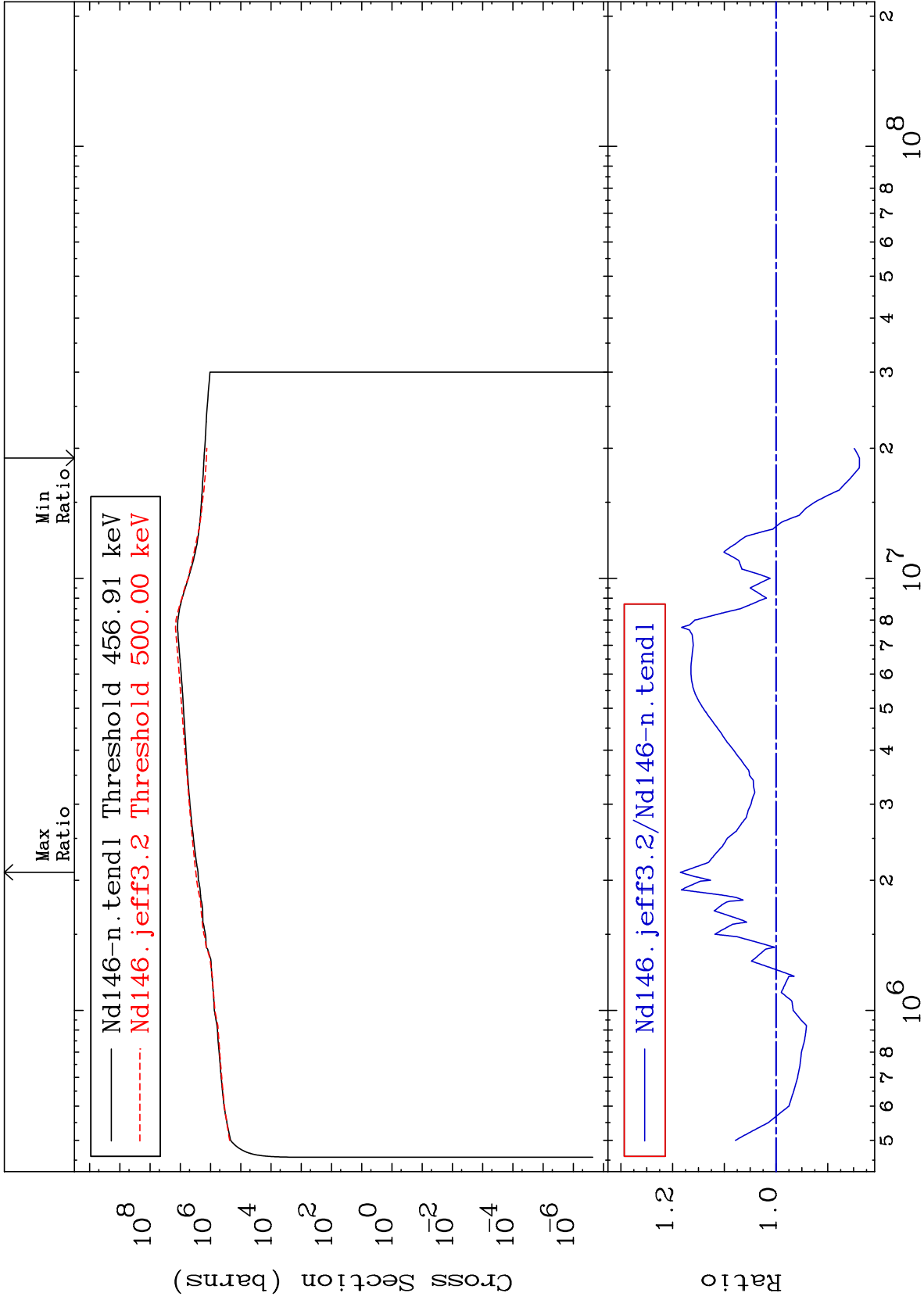
Kerma elastic  
Cross Section

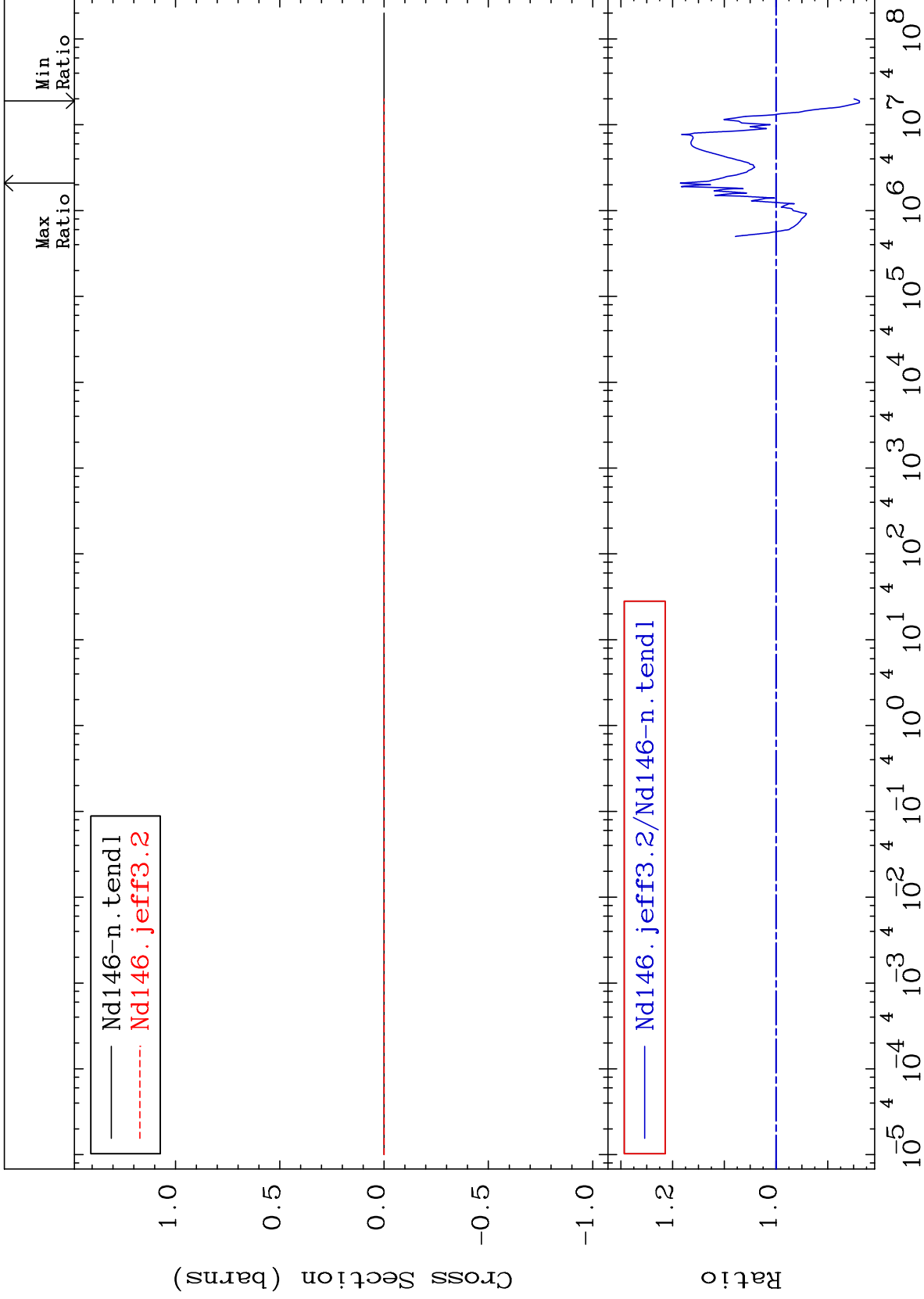
60-Nd-146  
-99.58 To 9999. %

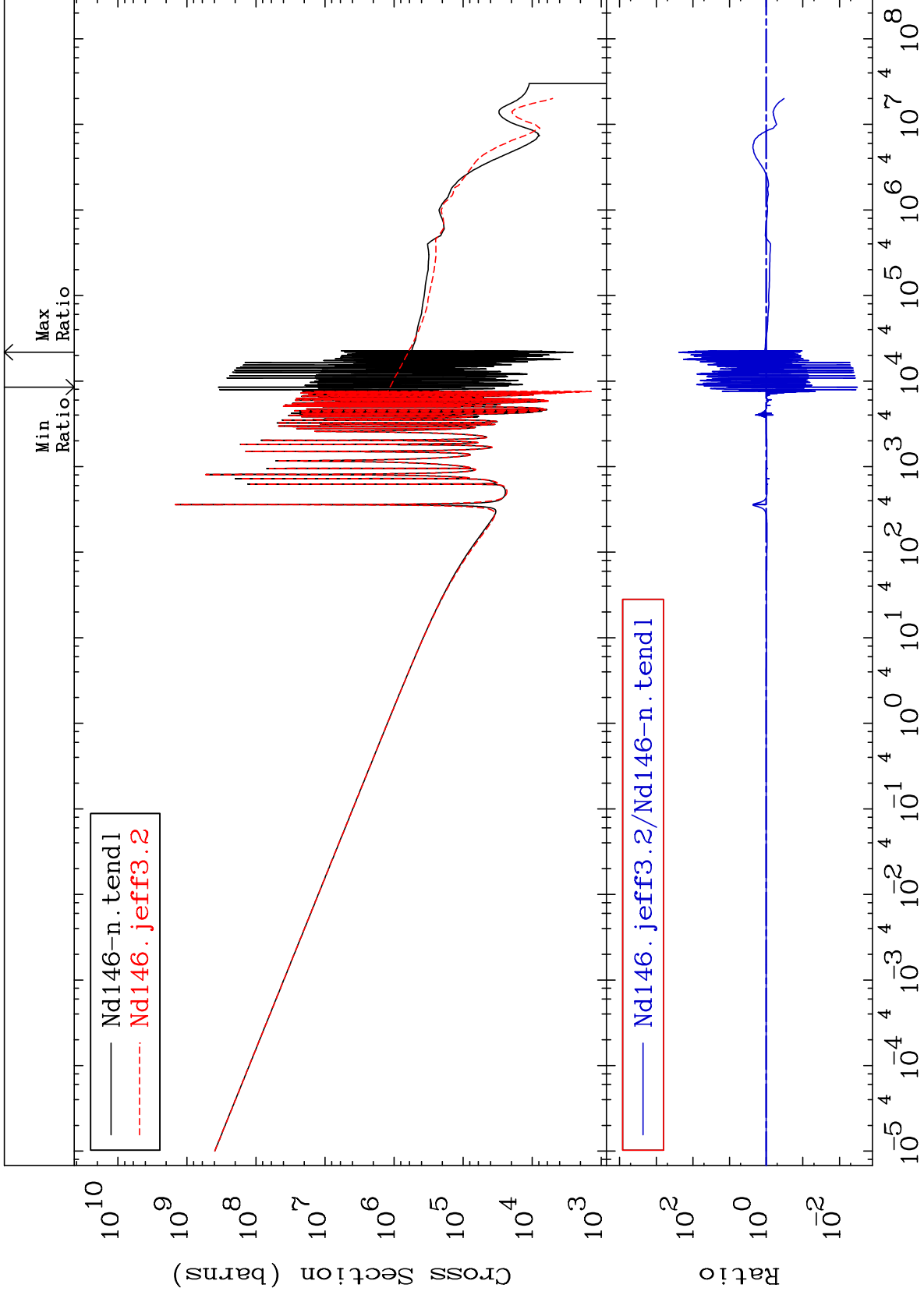


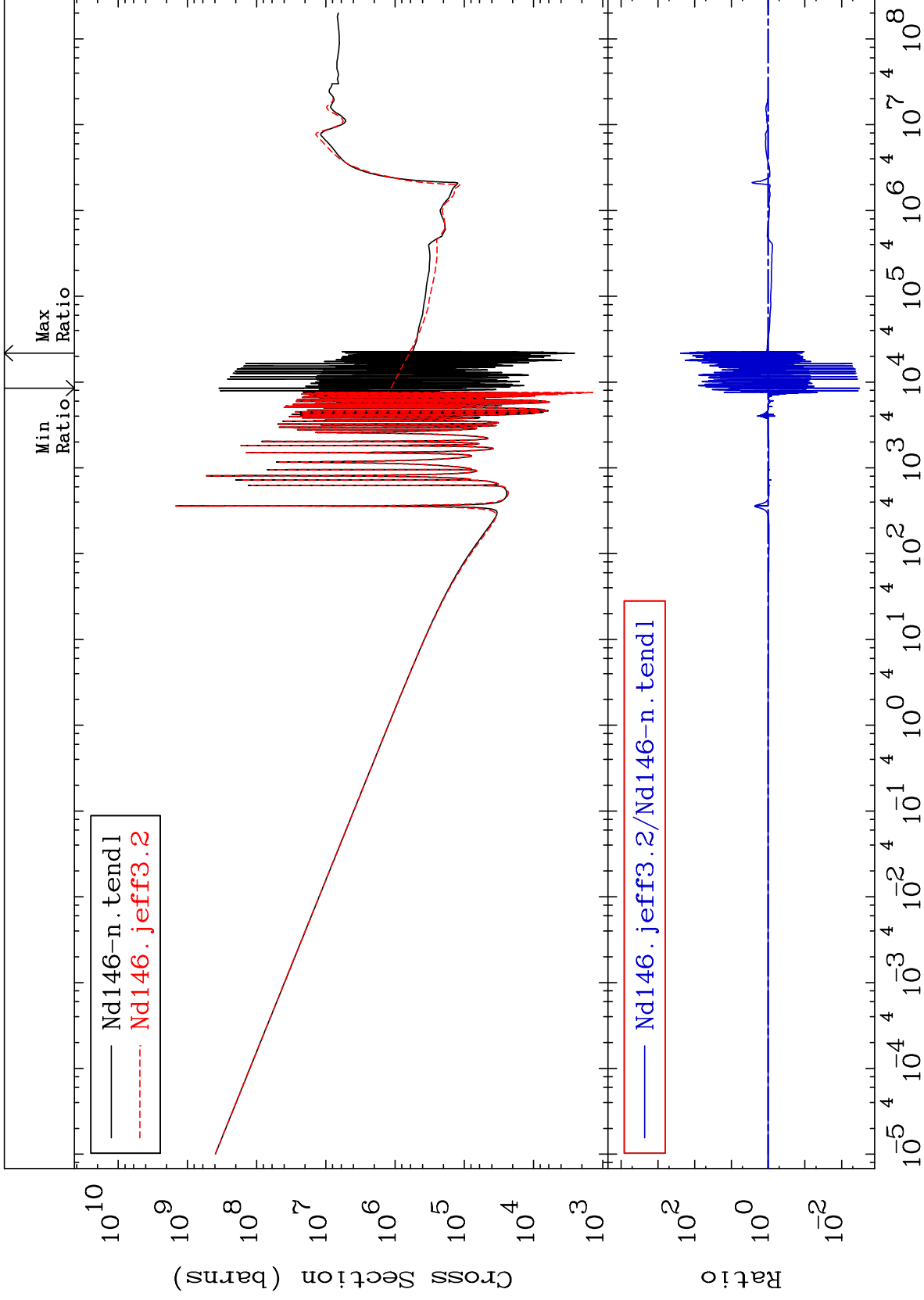


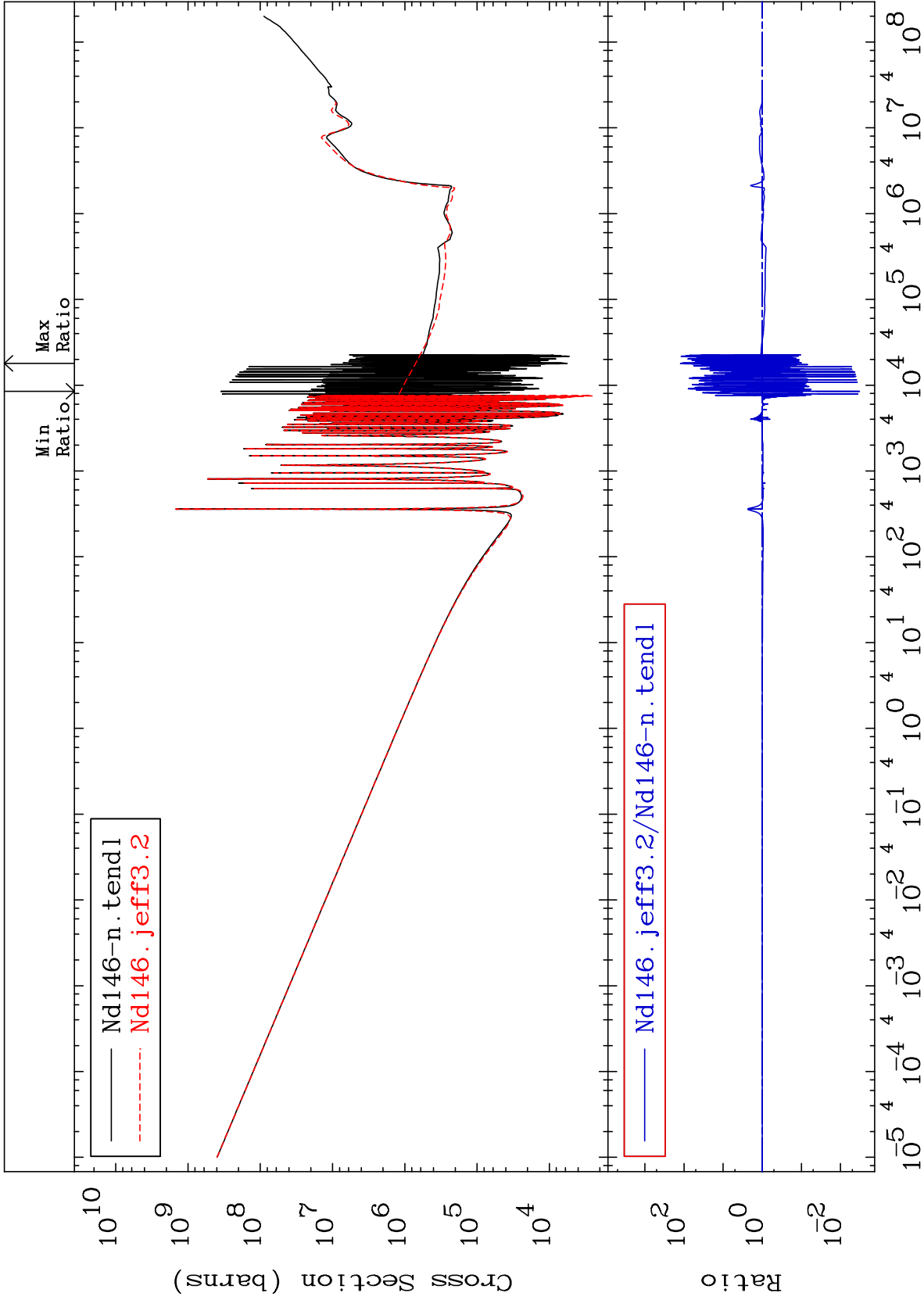








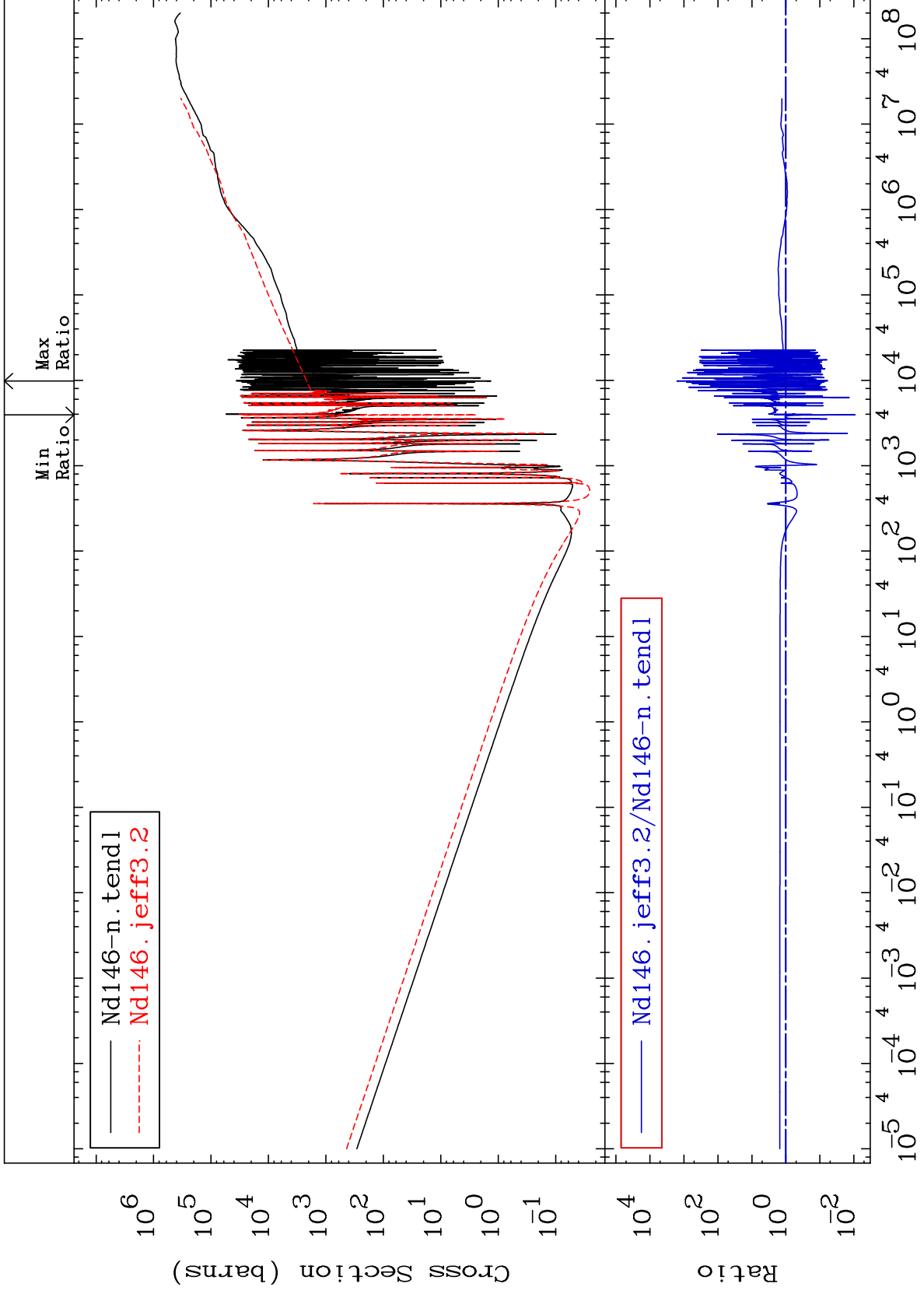




MAT 6037

Dpa total (eV-barns)  
Cross Section

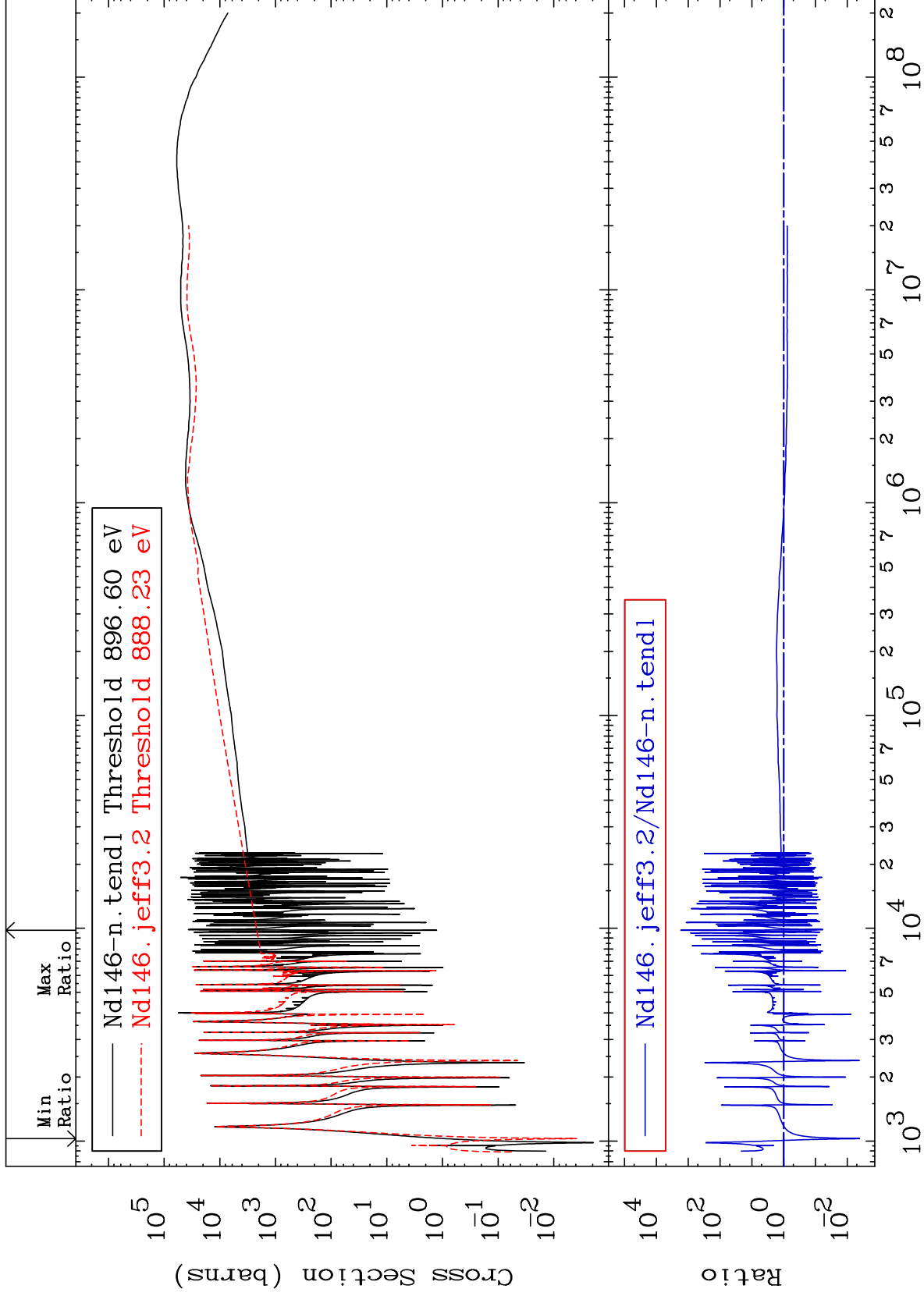
60-Nd-146  
-99.08 To 9999. %



MAT 6037

Dpa elastic (mt2)  
Cross Section

60-Nd-146  
-99.59 To 9999. %



47

Incident Energy (eV)

60-Nd-146

