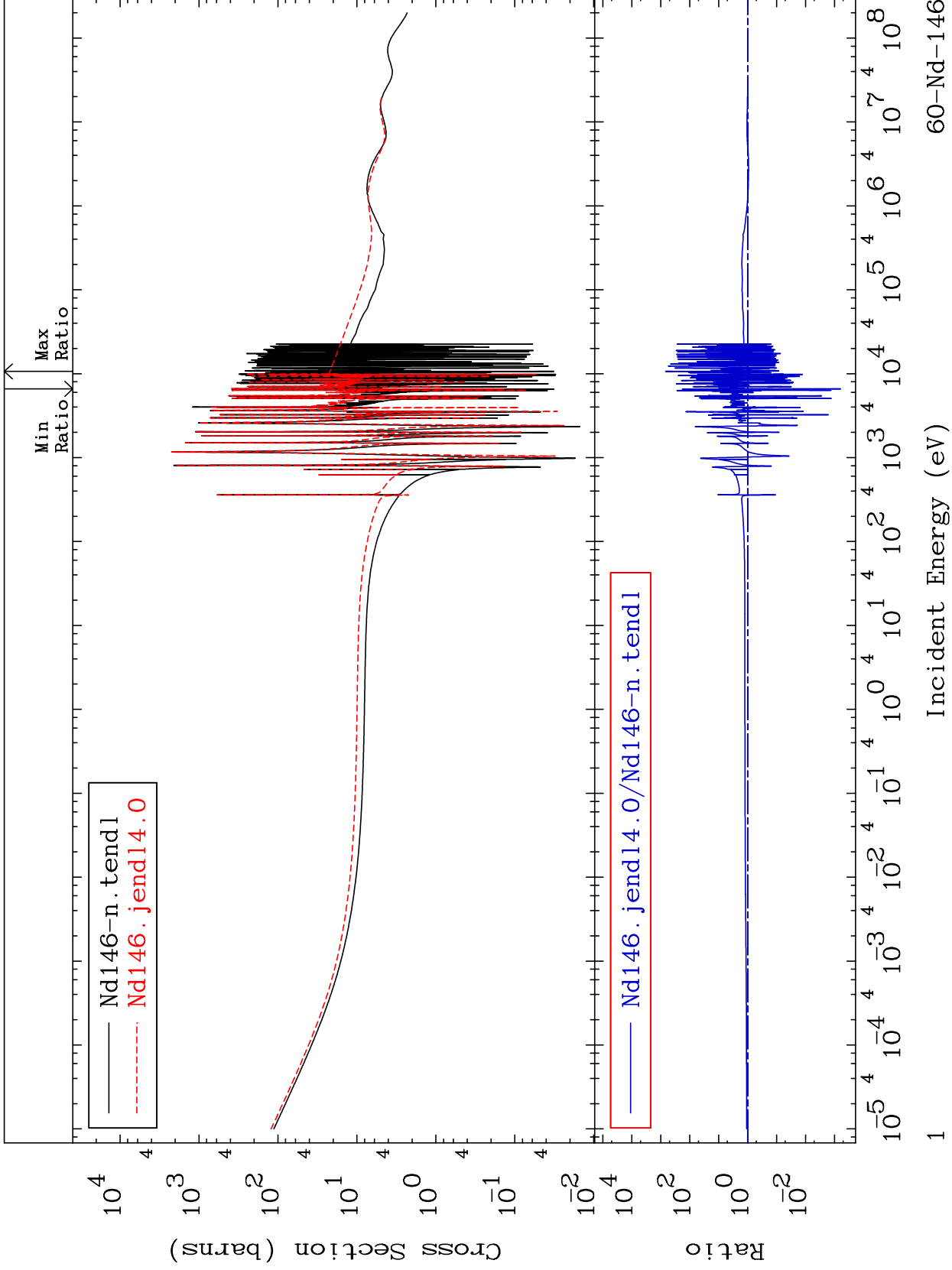


MAT 6037

Total  
Cross Section

60-Nd-146  
-99.94 To 9999. %



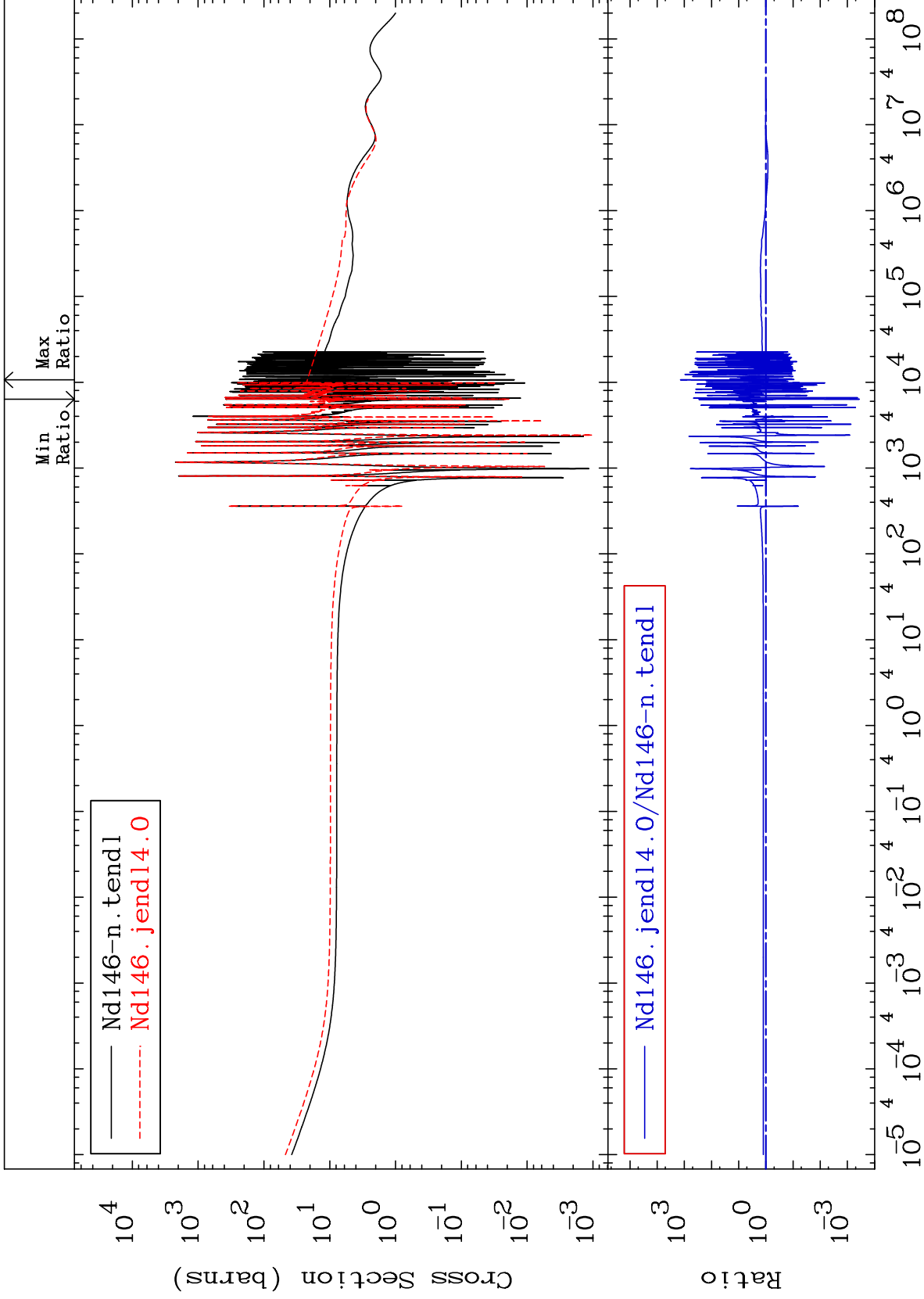
Incident Energy (eV)

60-Nd-146

MAT 6037

Elastic  
Cross Section

60-Nd-146  
-99.96 To 9999. %



2

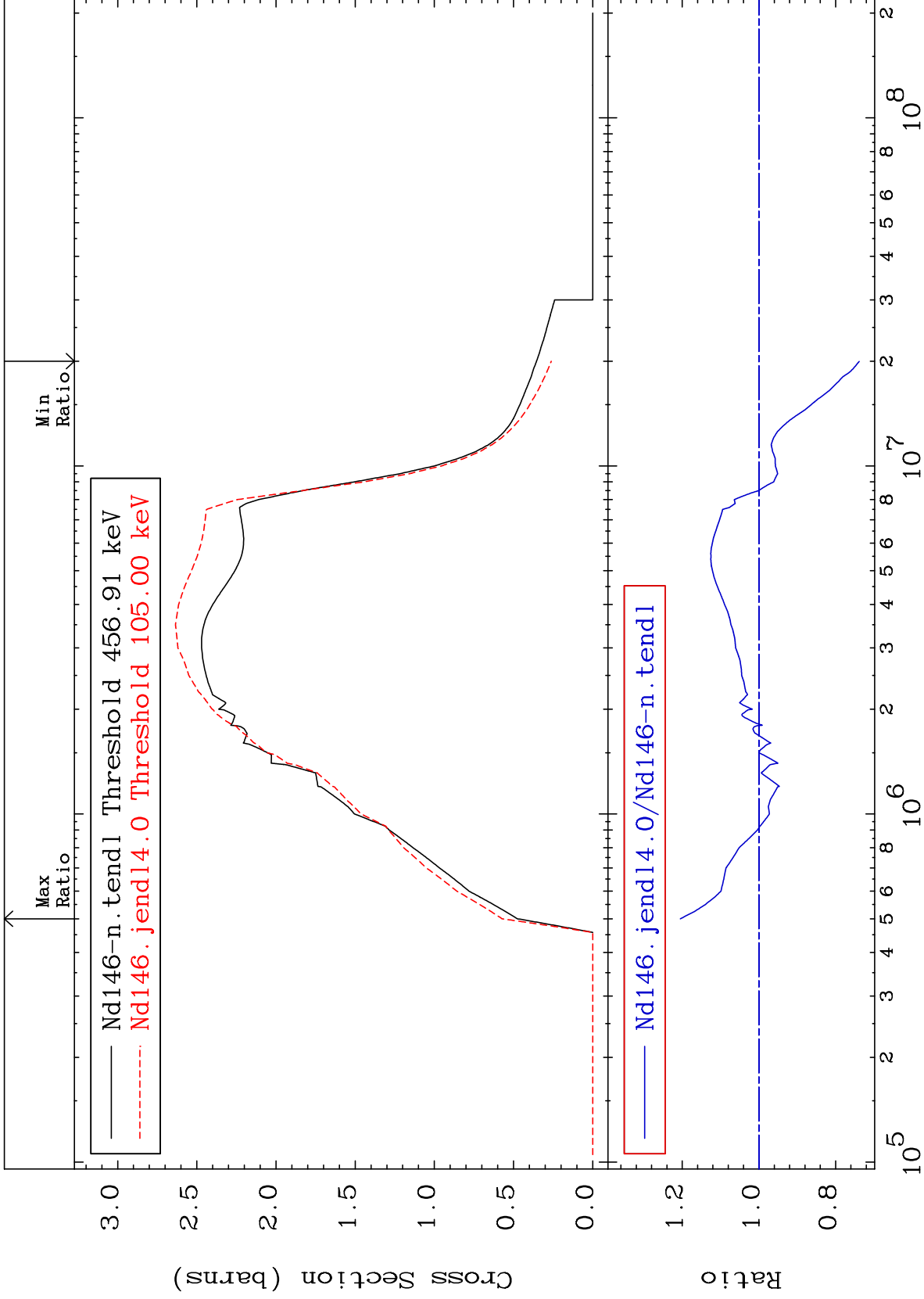
Incident Energy (eV)

60-Nd-146

MAT 6037

Inelastic  
Cross Section

60-Nd-146  
-26.22 To 20.49 %



Incident Energy (eV)

60-Nd-146

3

MAT 6037

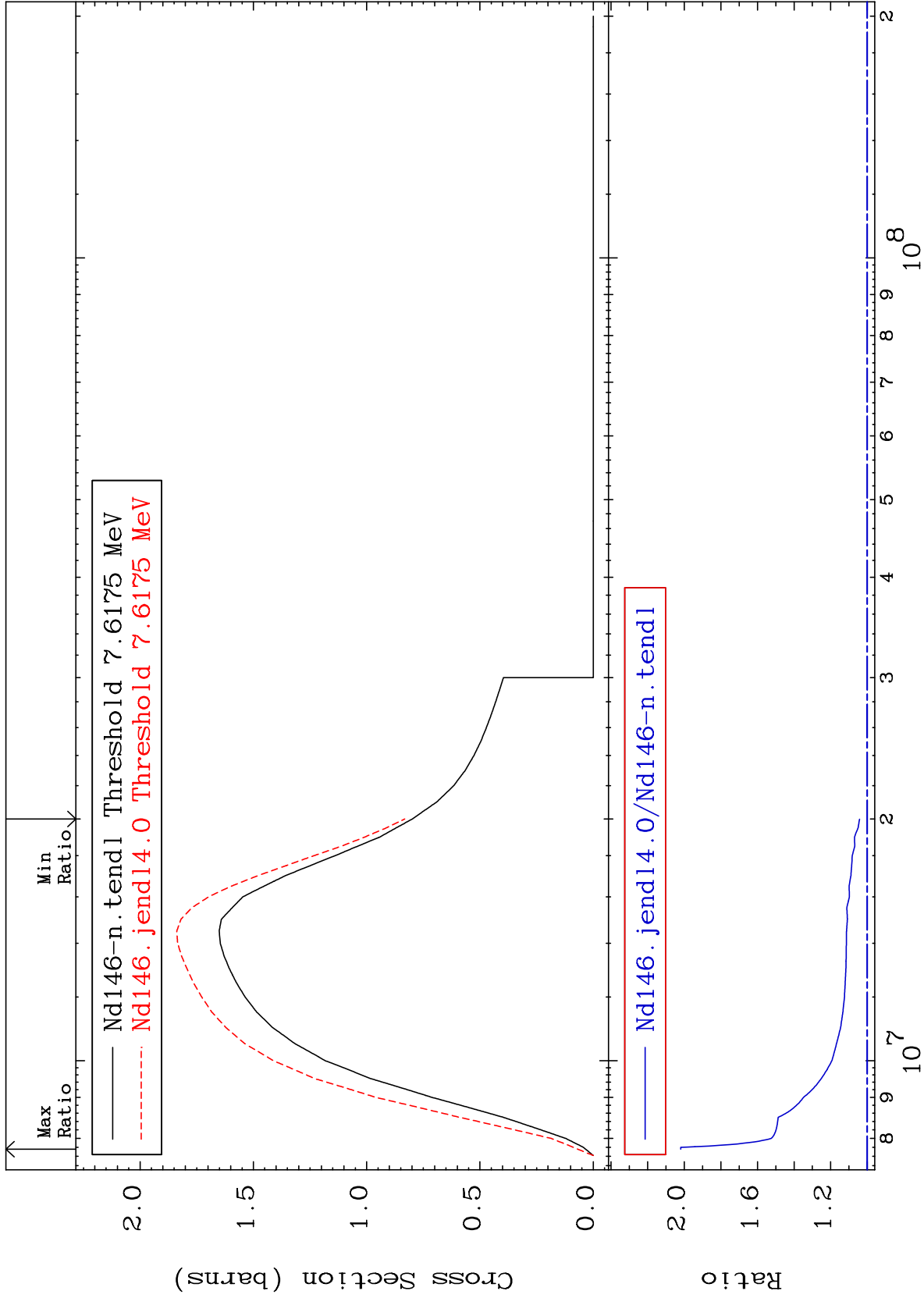
(n,2n)

60-Nd-146

Cross Section

4.227

To 101.9 %



4

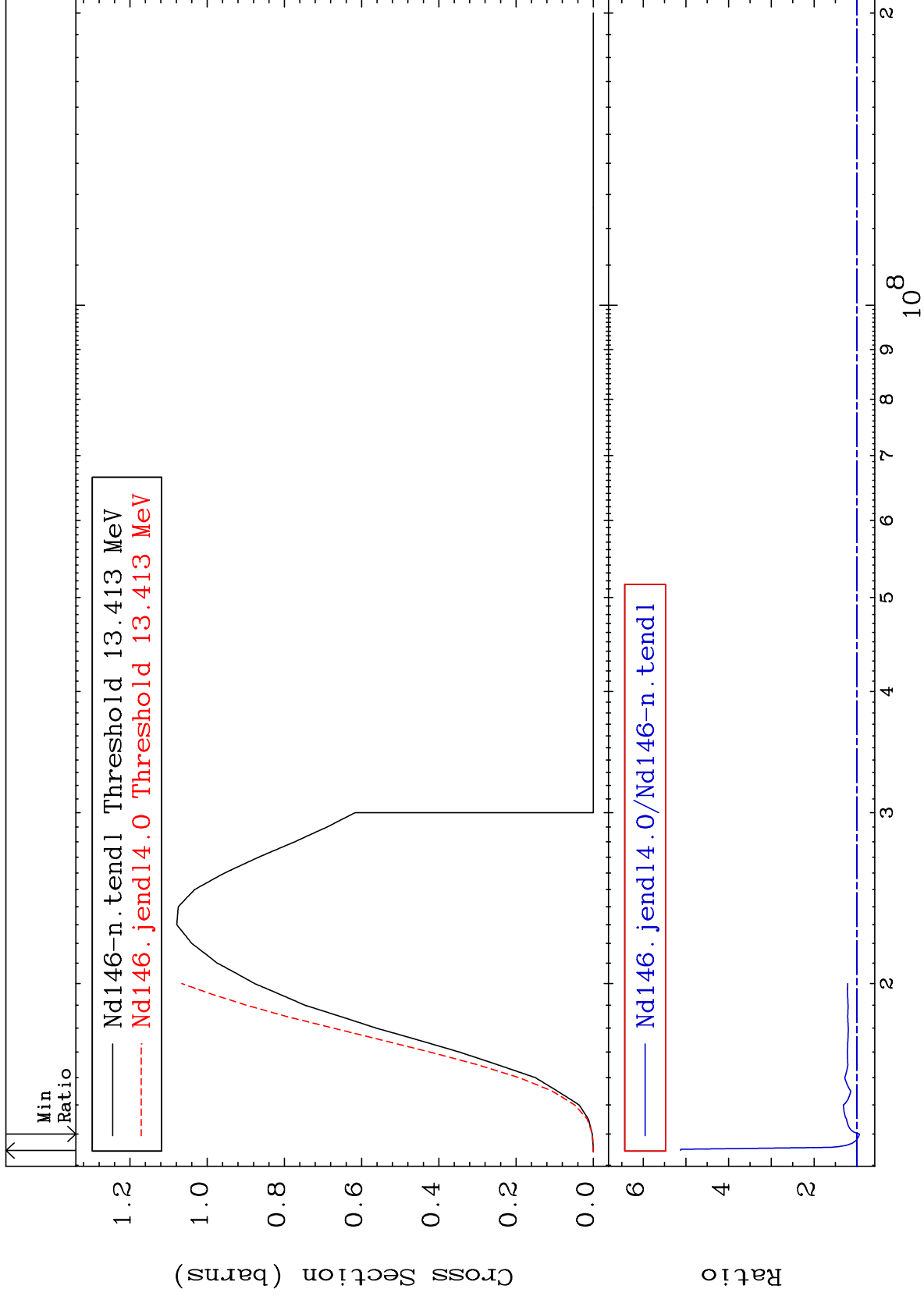
Incident Energy (eV)

60-Nd-146

MAT 6037

(n,3n)  
Cross Section

60-Nd-146  
-6.469 To 412.0 %



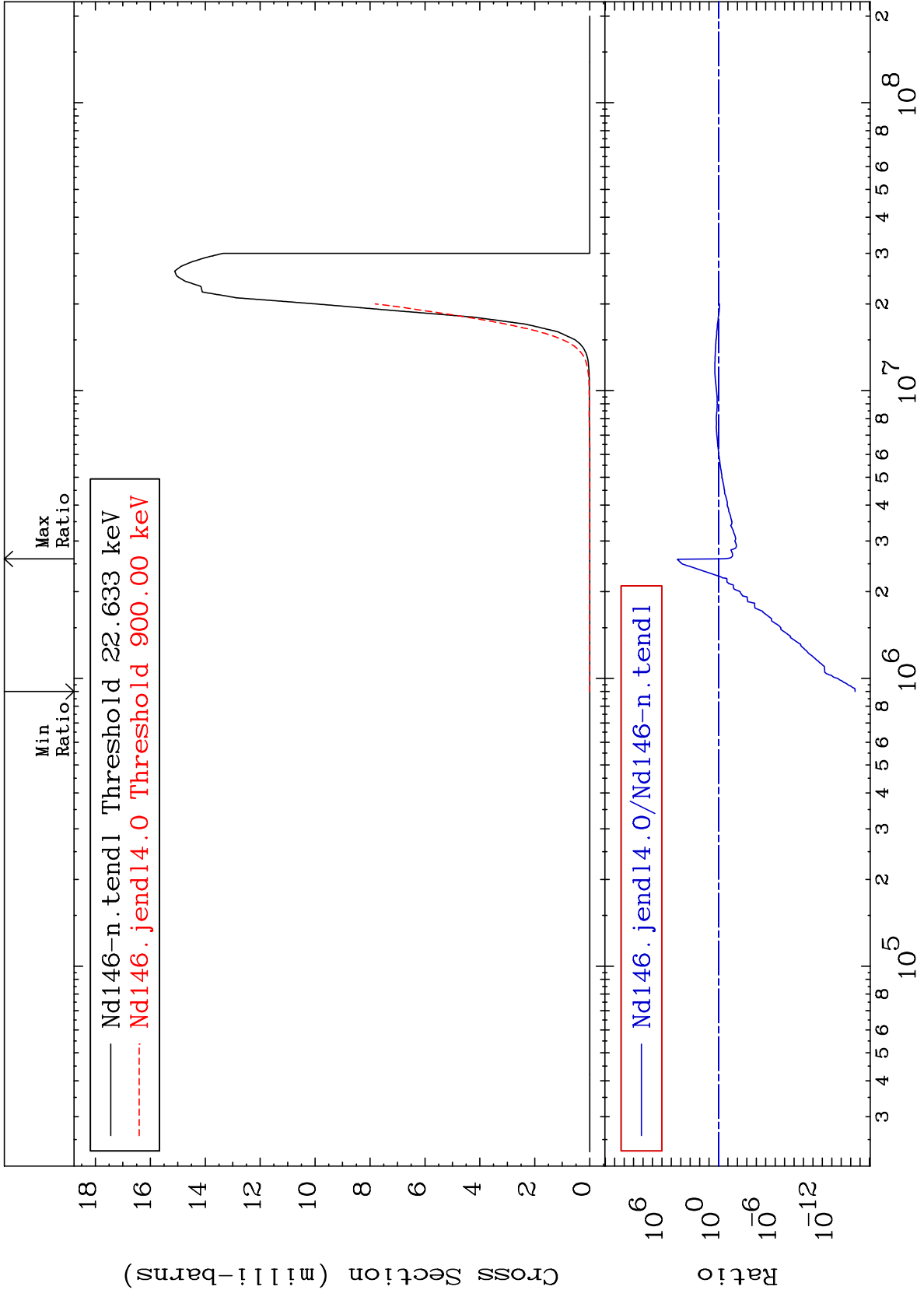
5

Incident Energy (eV)

60-Nd-146

MAT 6037

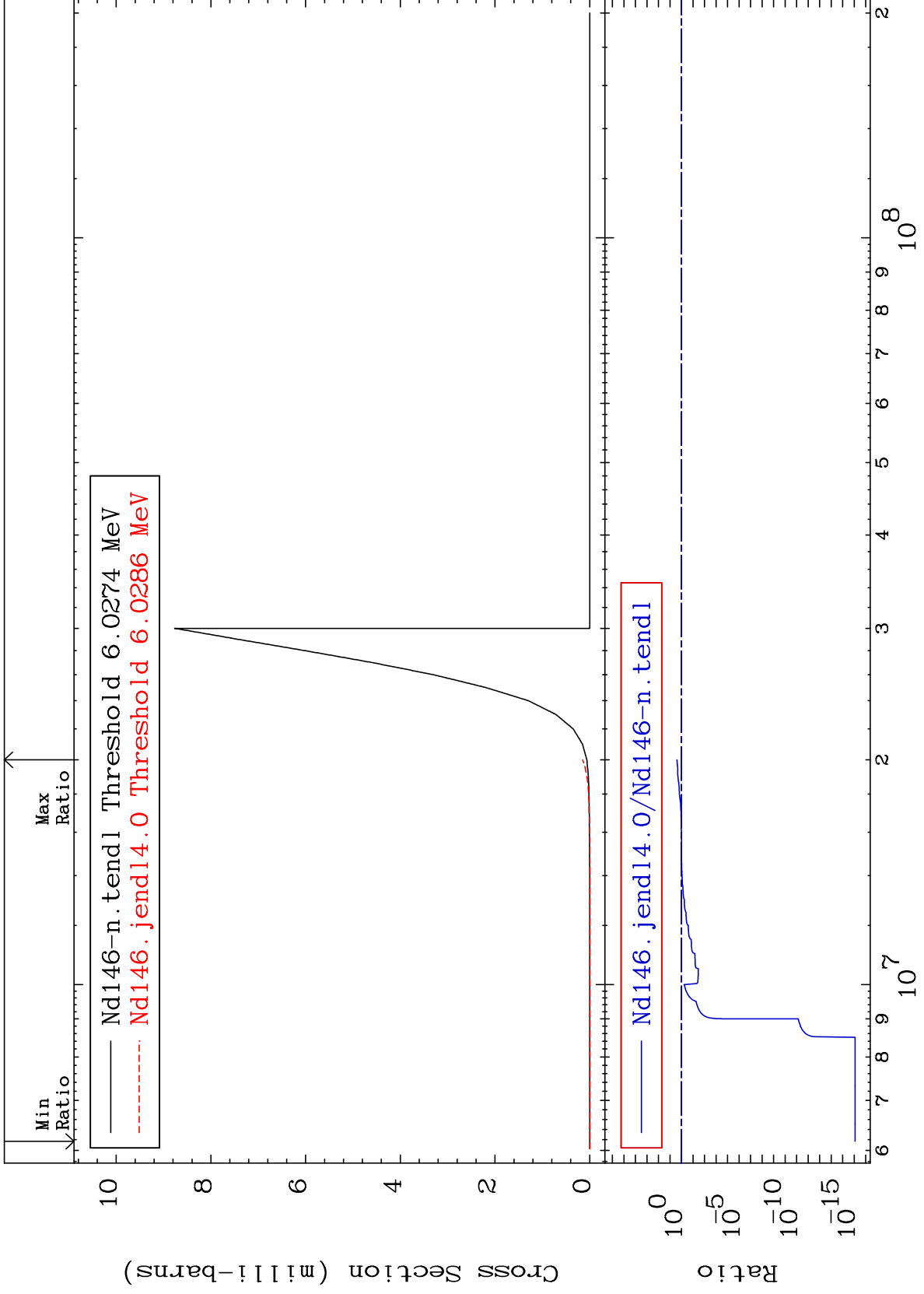
$(n, n') \alpha$   
Cross Section  
60-Nd-146  
-100.0 To 9999. %



MAT 6037

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

60-Nd-146  
-100.0 To 149.3 %



7

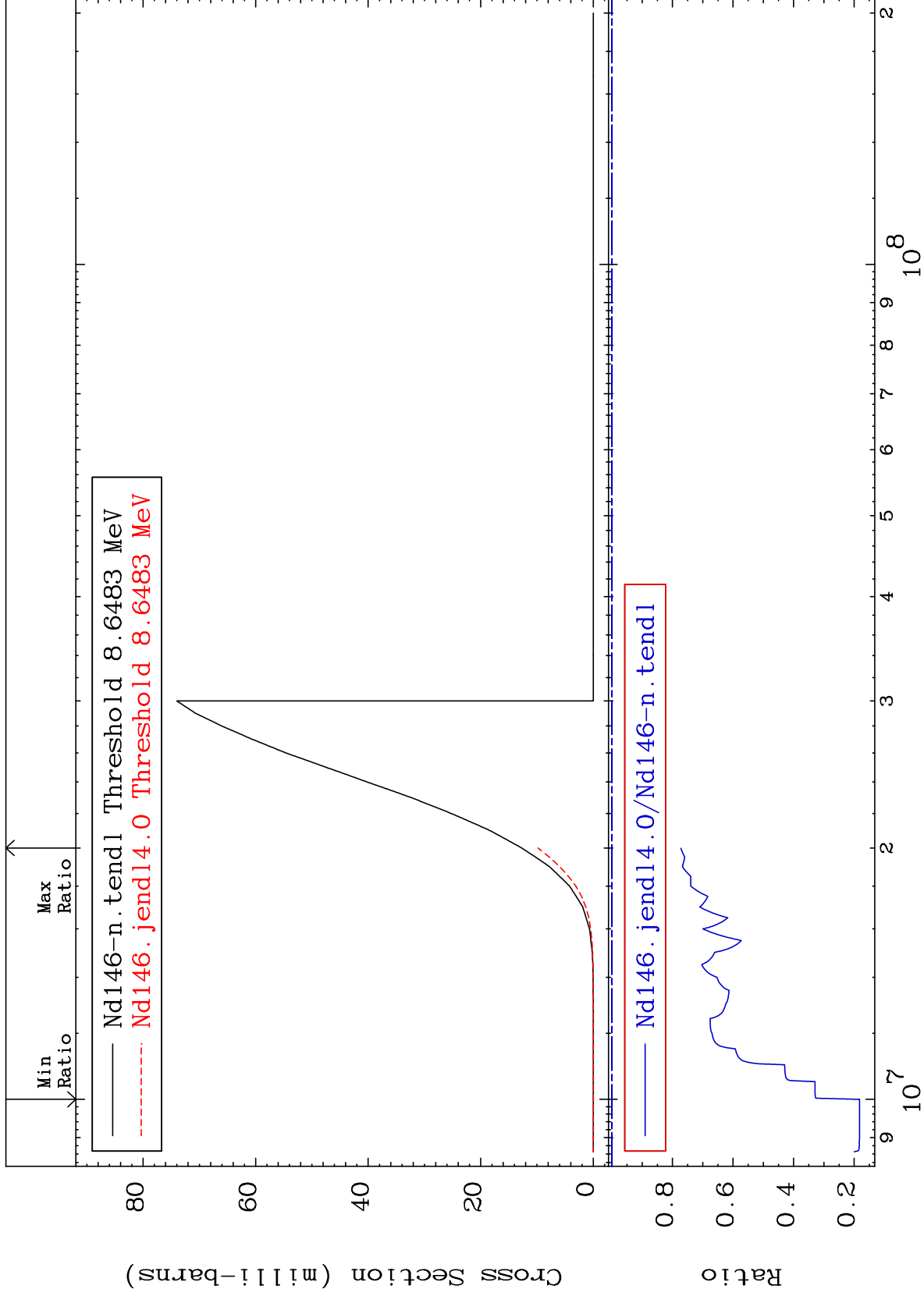
60-Nd-146

60-Nd-146

MAT 6037

(n, n') p  
Cross Section

60-Nd-146  
-81.77 To -22.74%



8

Incident Energy (eV)

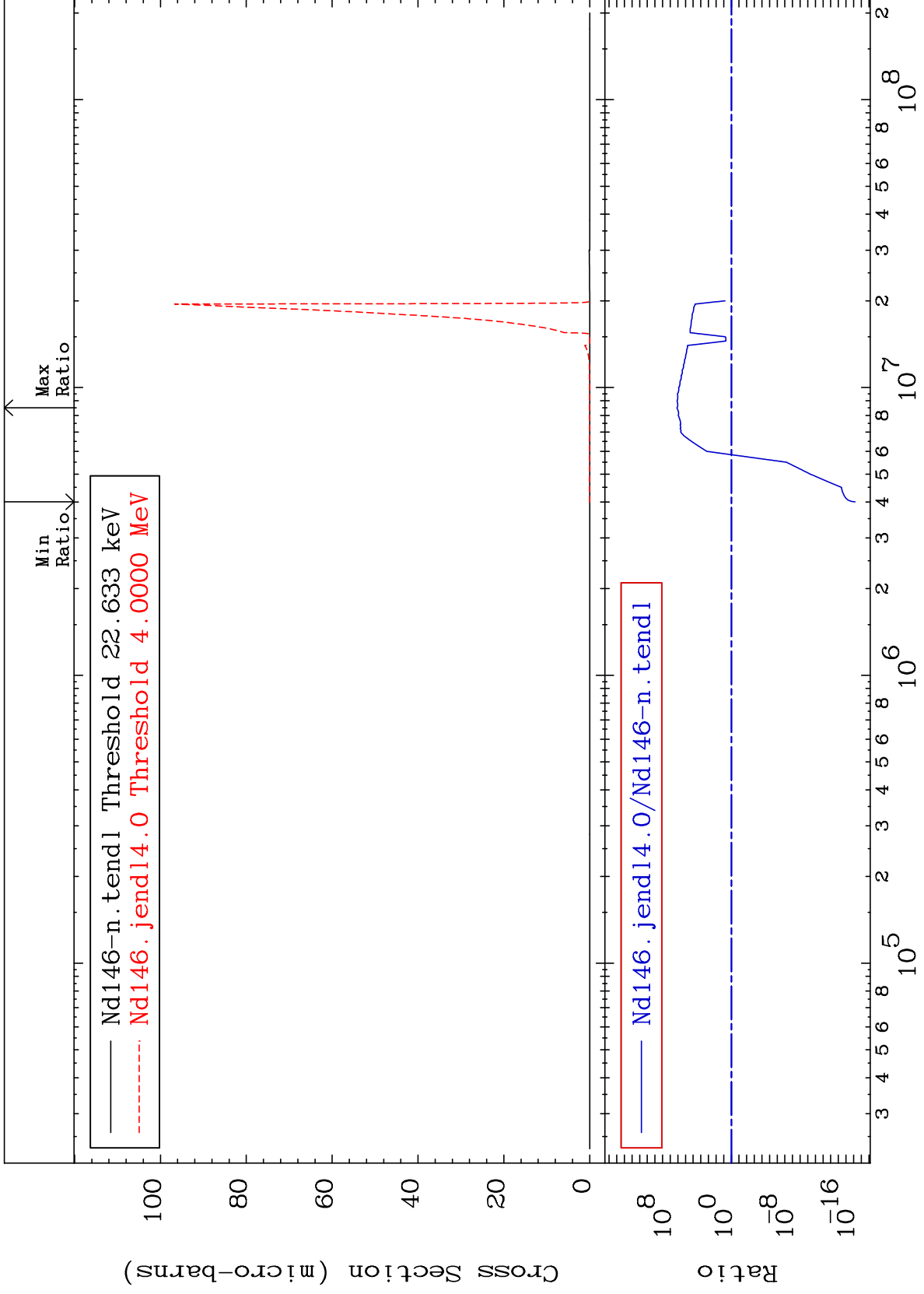
60-Nd-146



MAT 6037

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

60-Nd-146  
-100.0 To 9999. %



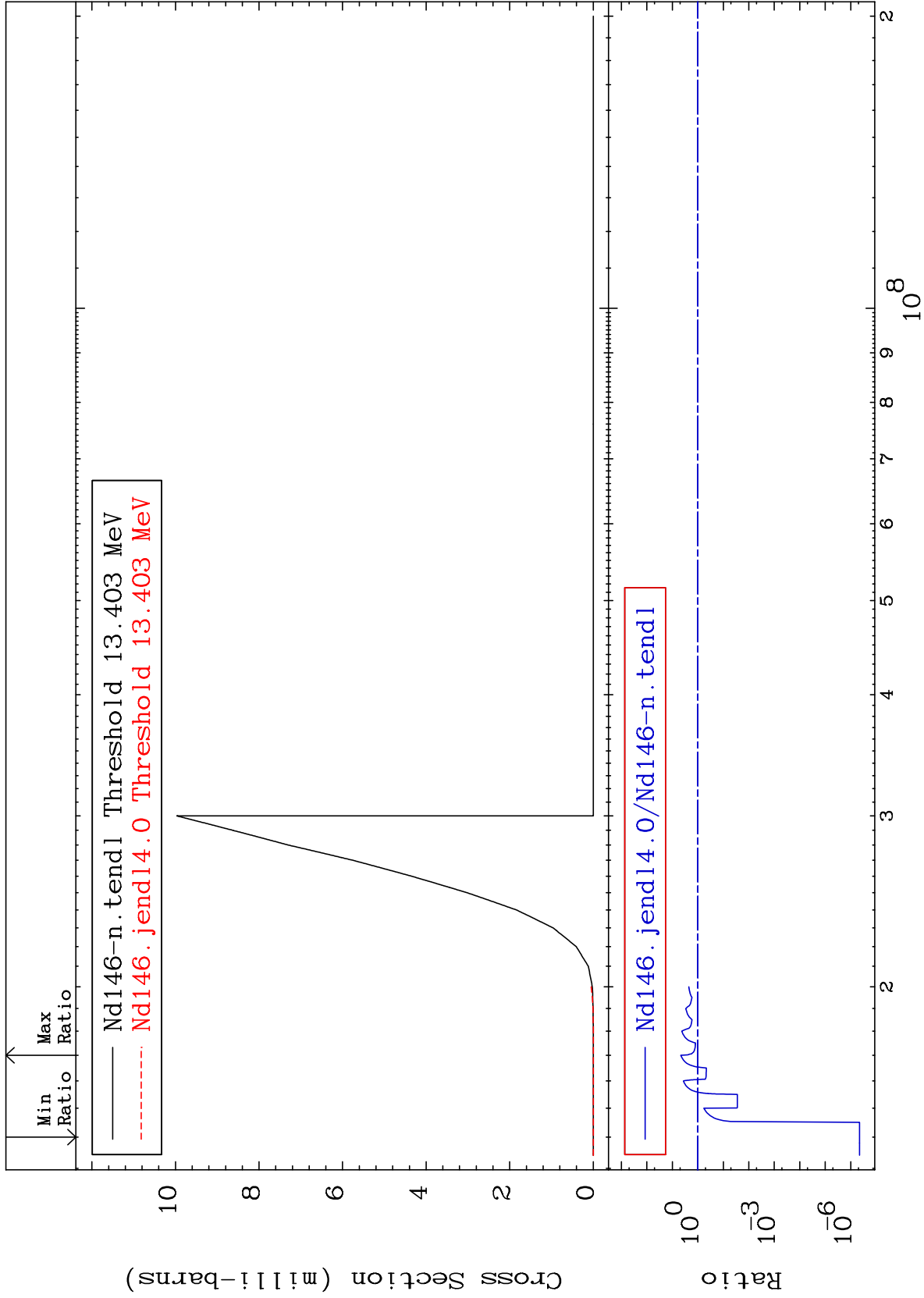
MAT 6037

(n, n') d

60-Nd-146

Cross Section

-100.0 To 366.6 %



10

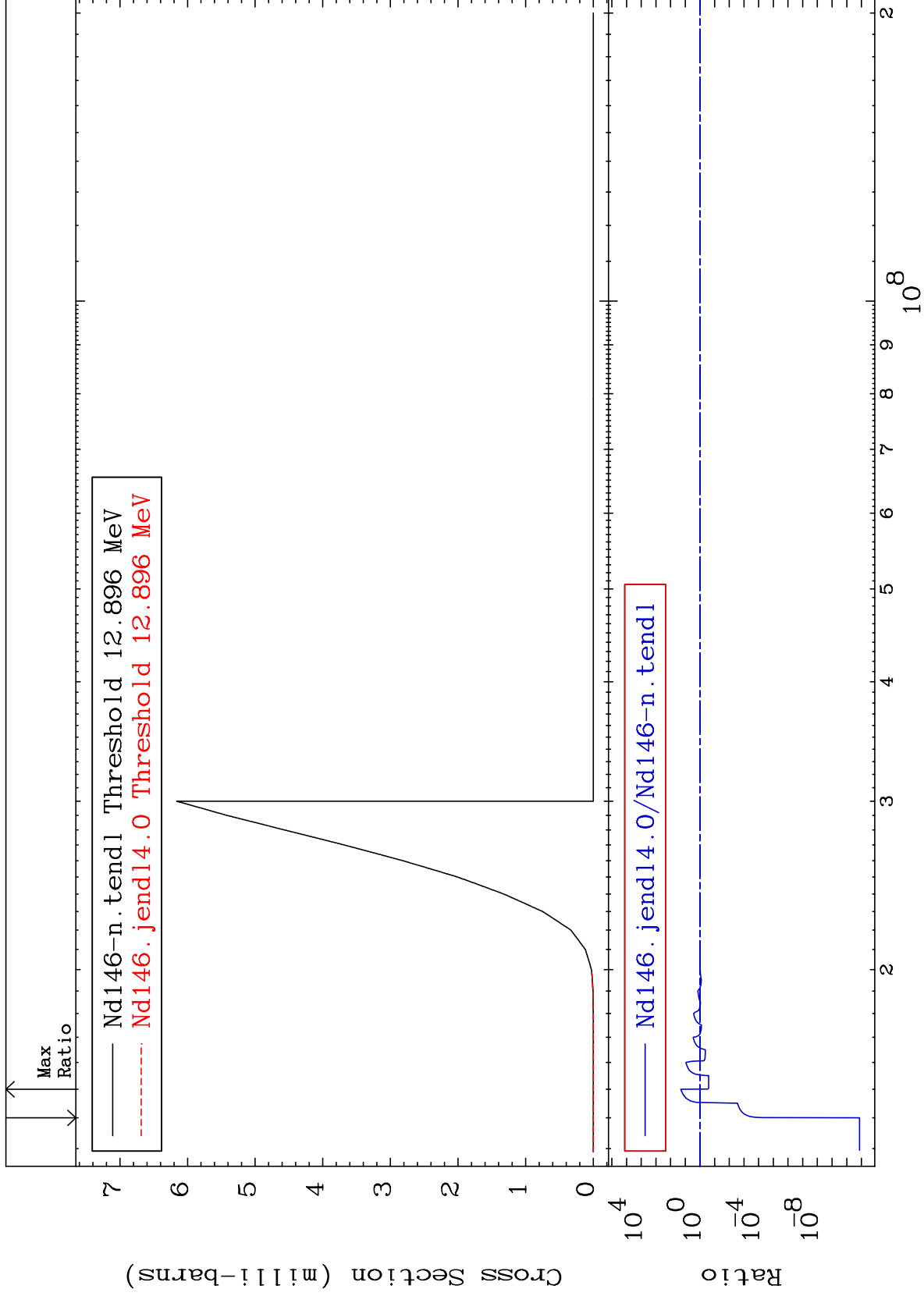
Incident Energy (eV)

60-Nd-146

MAT 6037

(n,n') t  
Cross Section

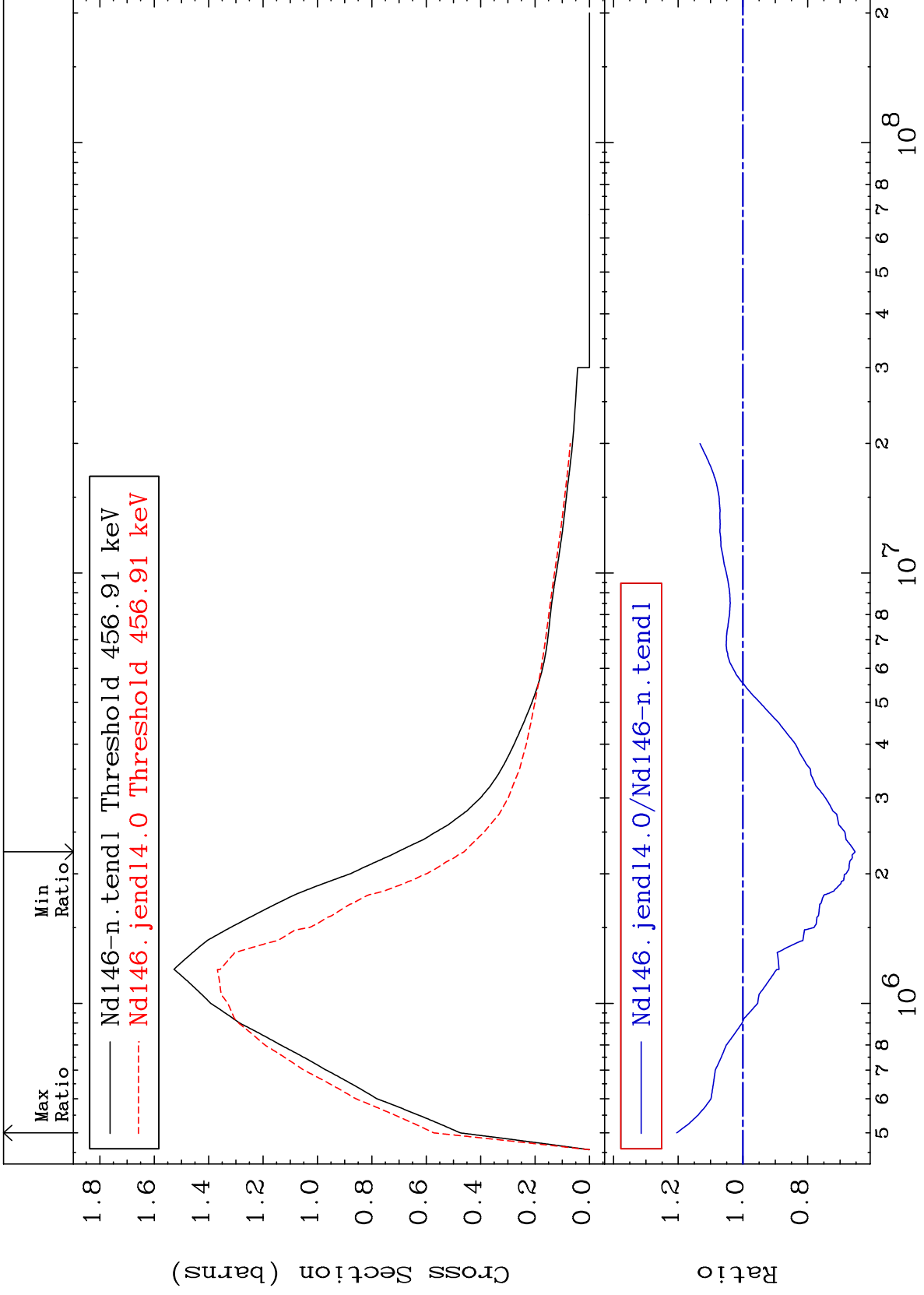
60-Nd-146  
-100.0 To 1916. %



MAT 6037

453.8 keV (n,n') Level  
Cross Section

60-Nd-146  
-34.65 To 20.46 %



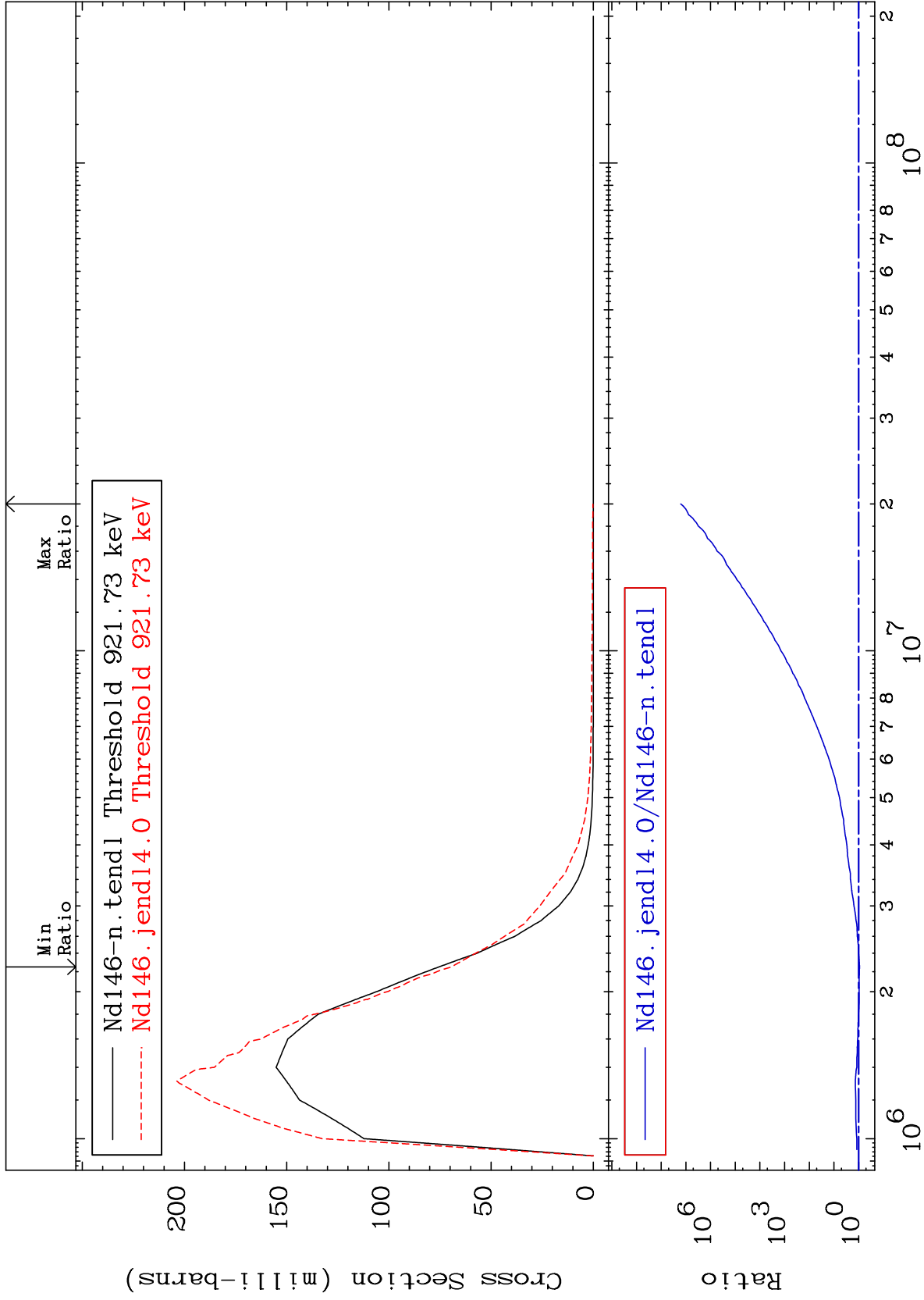
MAT 6037

915.4 keV (n,n') Level

60-Nd-146

-8.032 To 9999. %

Cross Section



13

Incident Energy (eV)

60-Nd-146

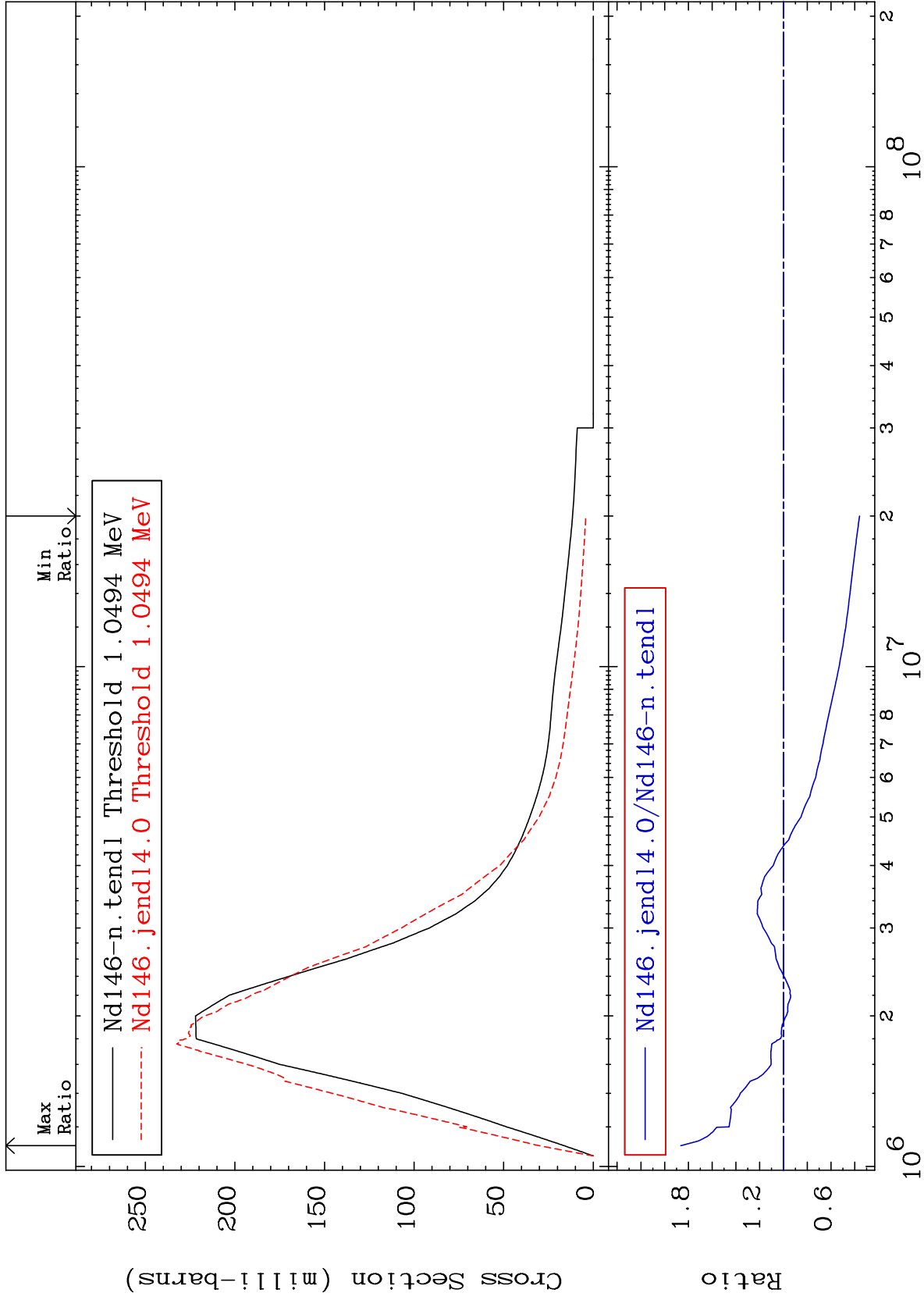
MAT 6037

1.042 MeV (n,n') Level

60-Nd-146

-64.05 To 86.43 %

Cross Section



14

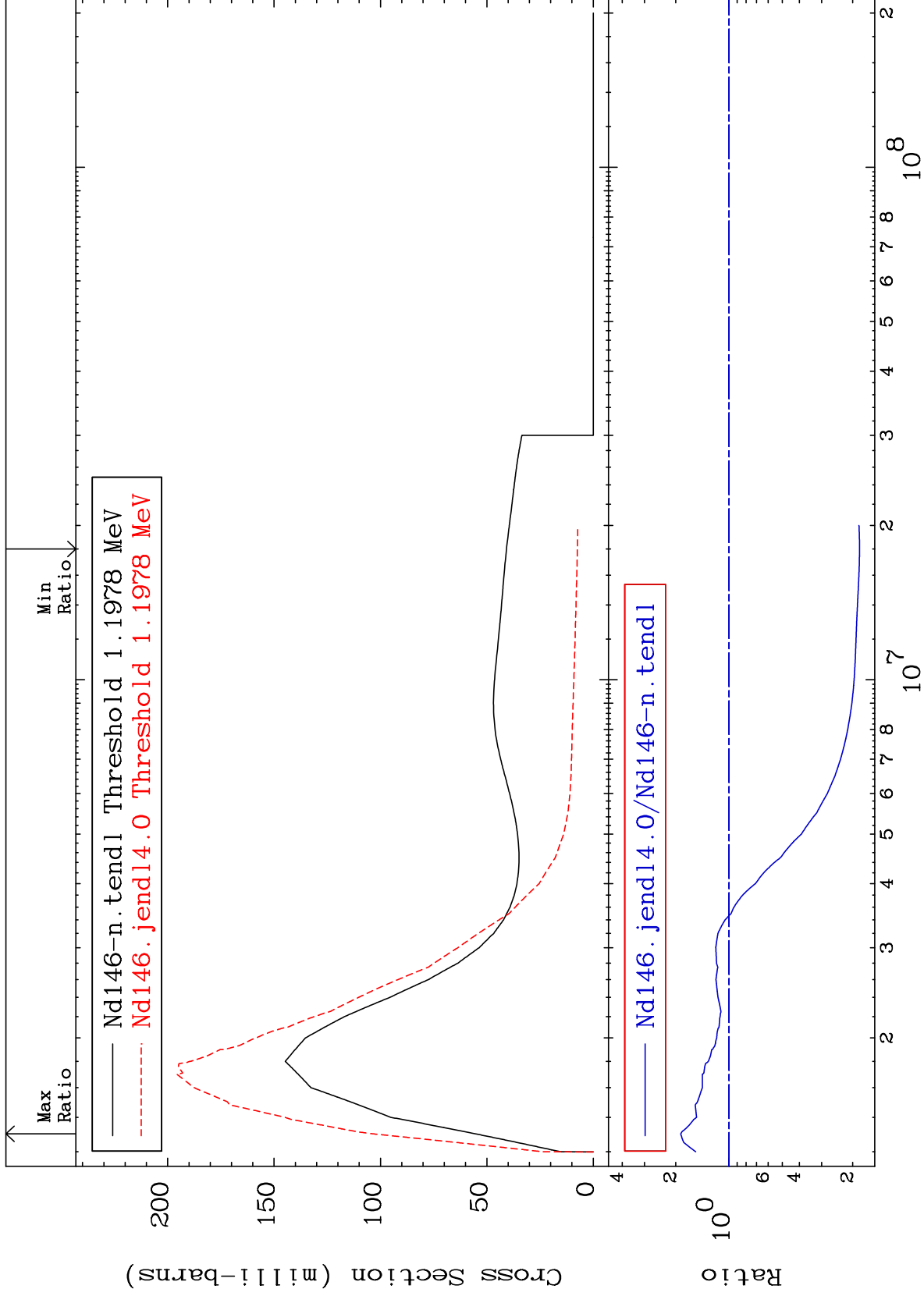
Incident Energy (eV)

60-Nd-146

MAT 6037

1.190 MeV (n,n') Level  
Cross Section

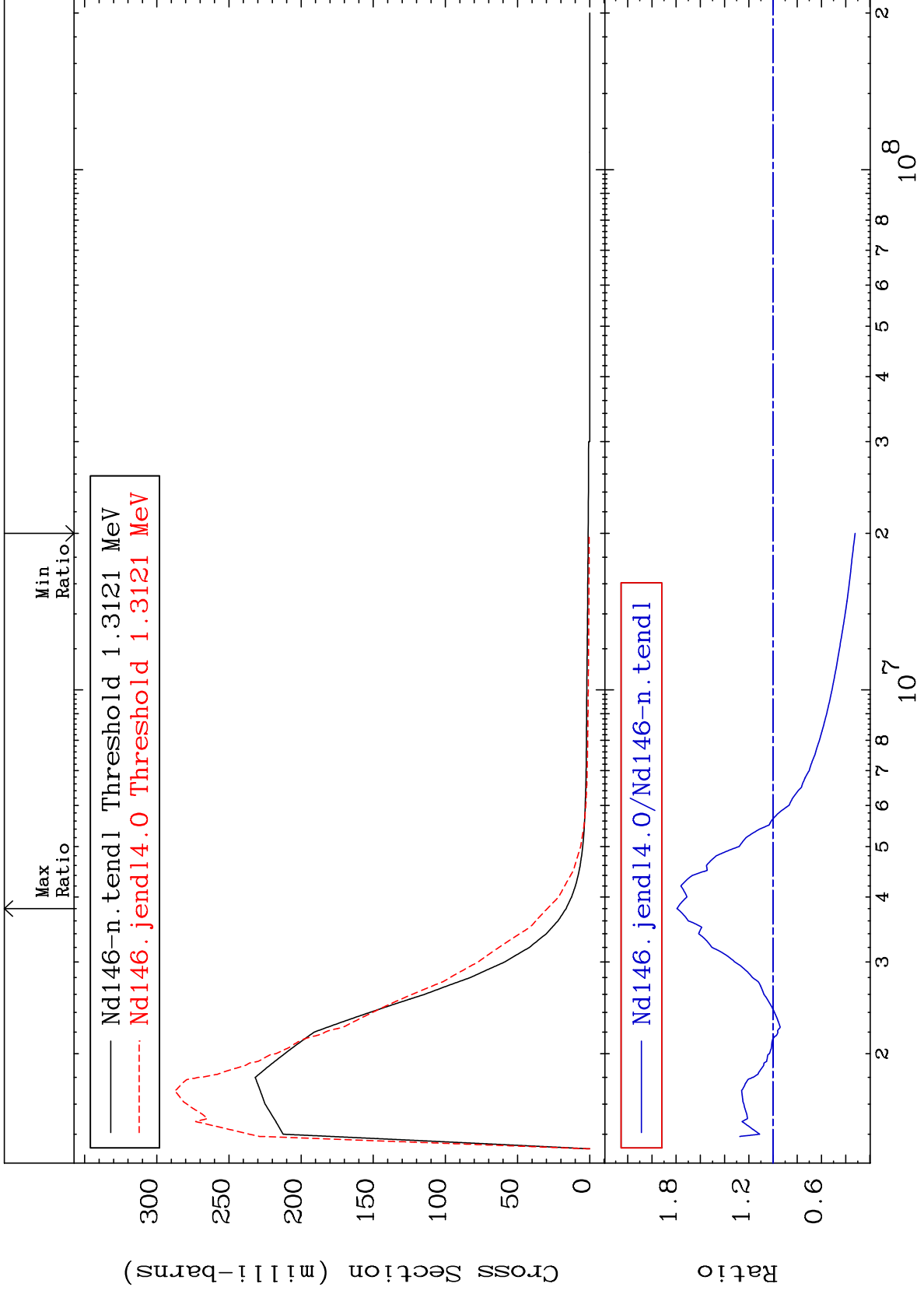
60-Nd-146  
-81.69 To 87.11 %



MAT 6037

1.303 MeV (n,n') Level  
Cross Section

60-Nd-146  
-67.79 To 79.35 %



16

Incident Energy (eV)

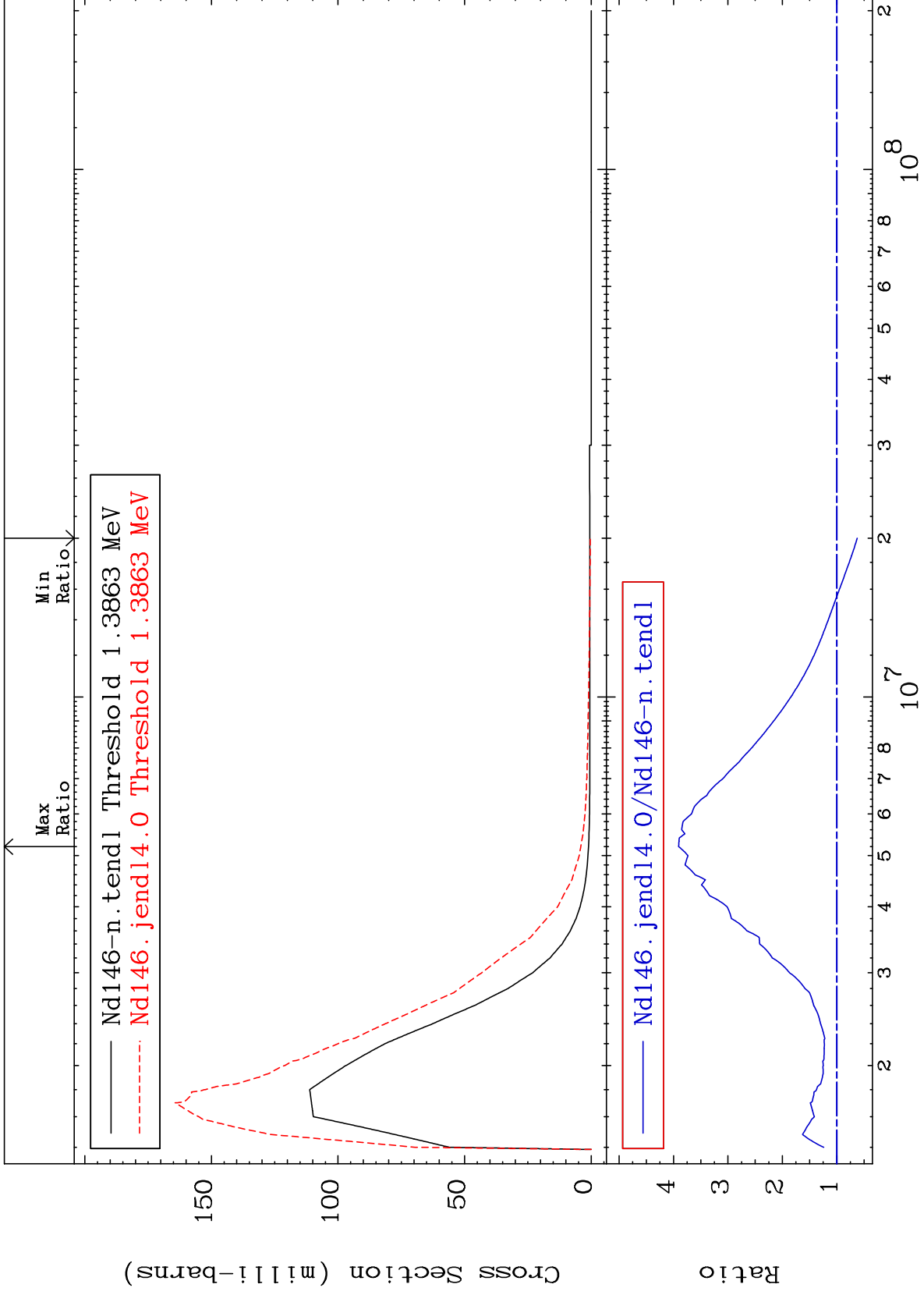
60-Nd-146



MAT 6037

1.377 MeV (n,n') Level  
Cross Section

60-Nd-146  
-37.55 To 290.6 %



17

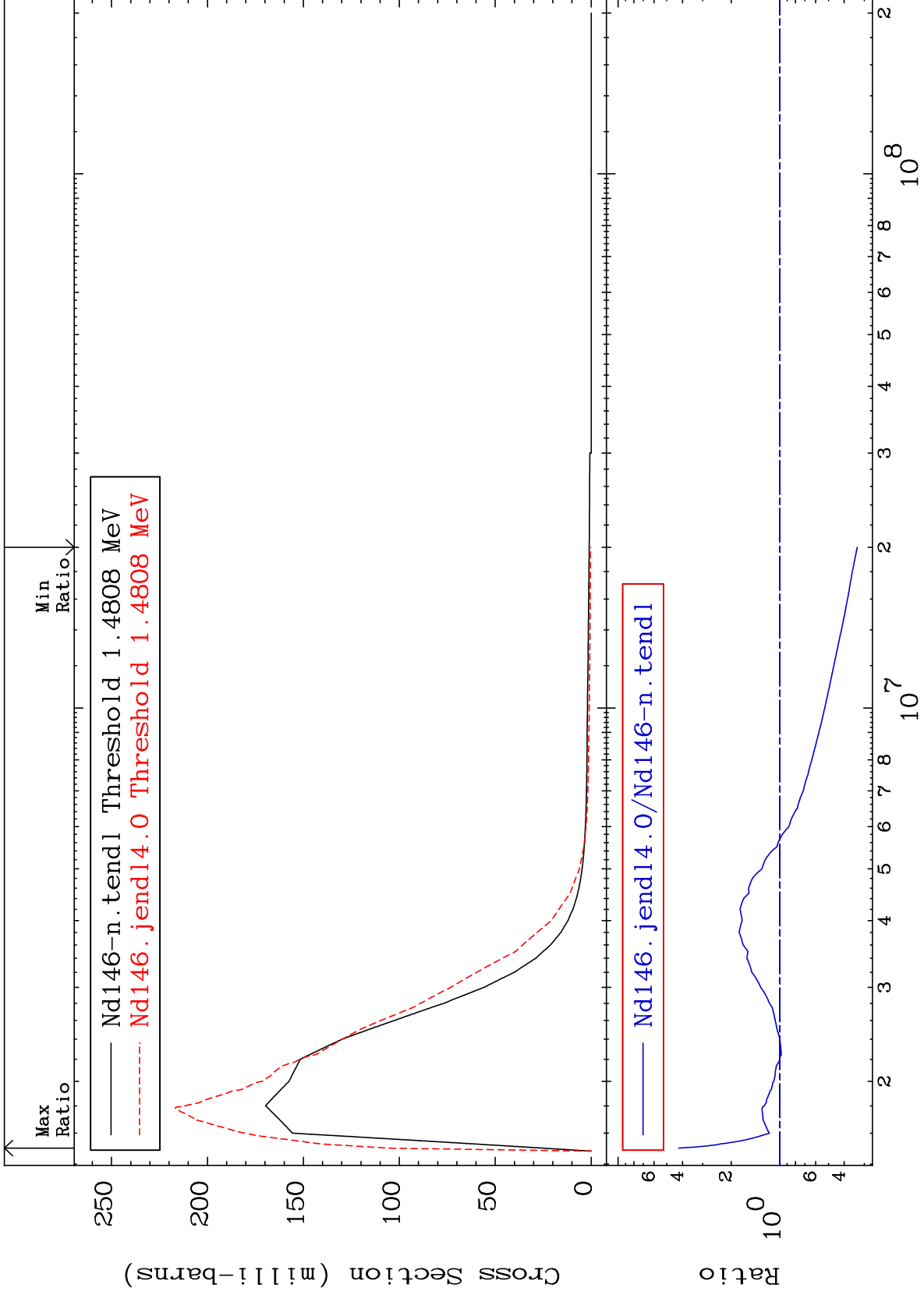
Incident Energy (eV)

60-Nd-146

MAT 6037

1.471 MeV (n,n') Level  
Cross Section

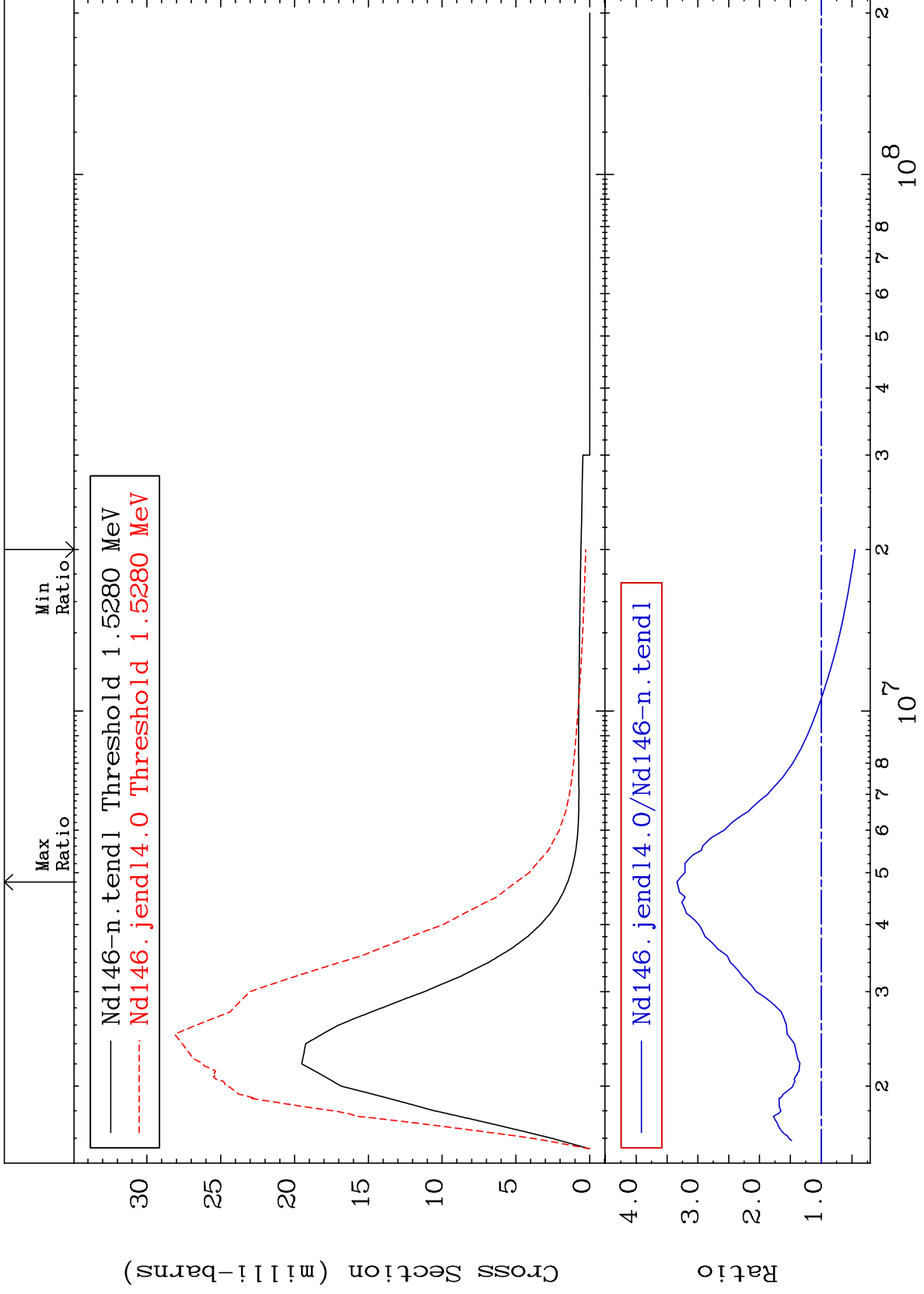
60-Nd-146  
-66.81 To 322.4 %



MAT 6037

1.518 MeV (n,n') Level  
Cross Section

60-Nd-146  
-54.98 To 234.0 %



MAT 6037

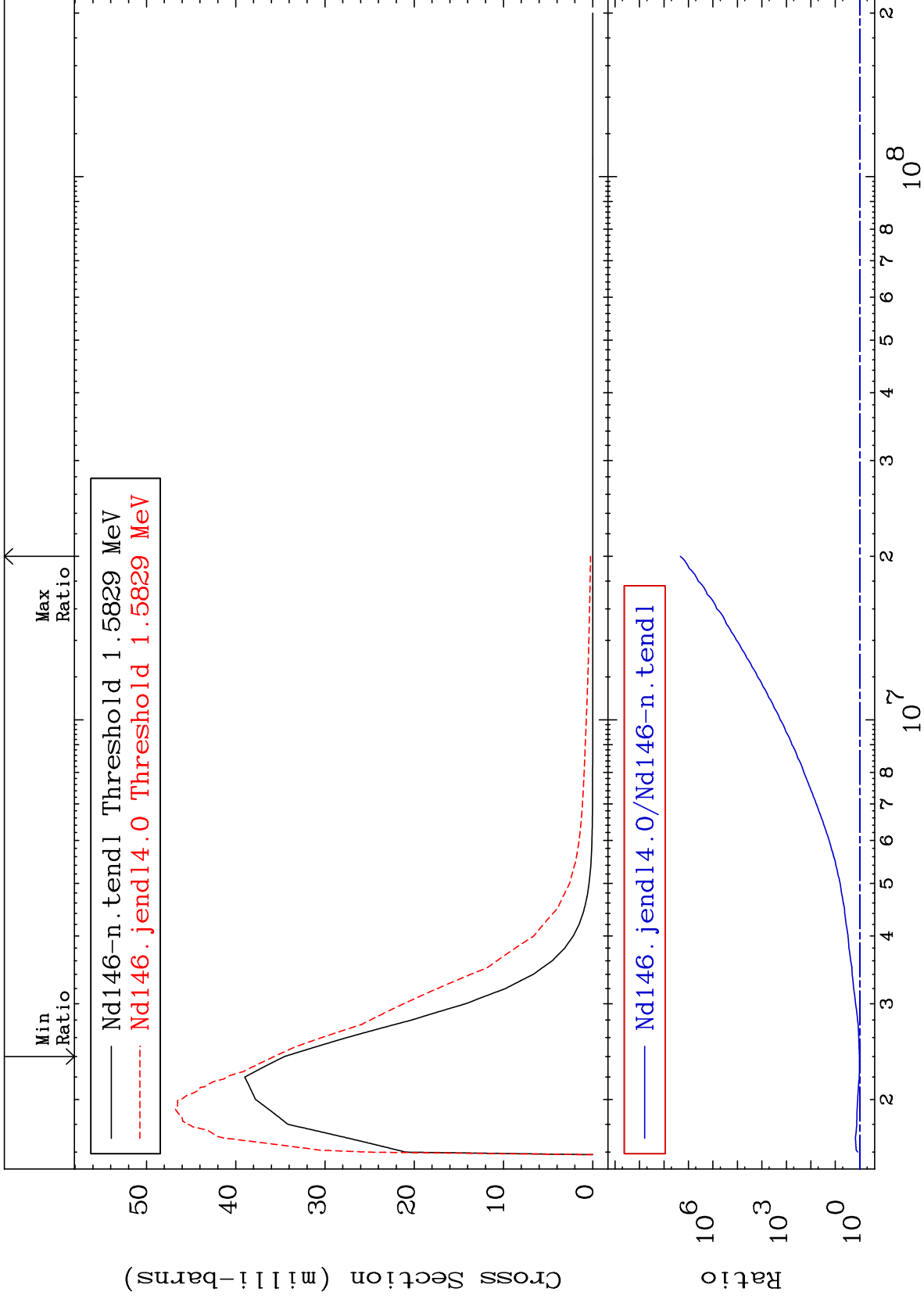
1.572 MeV (n,n') Level

60-Nd-146

Cross Section

3.371

To 9999. %

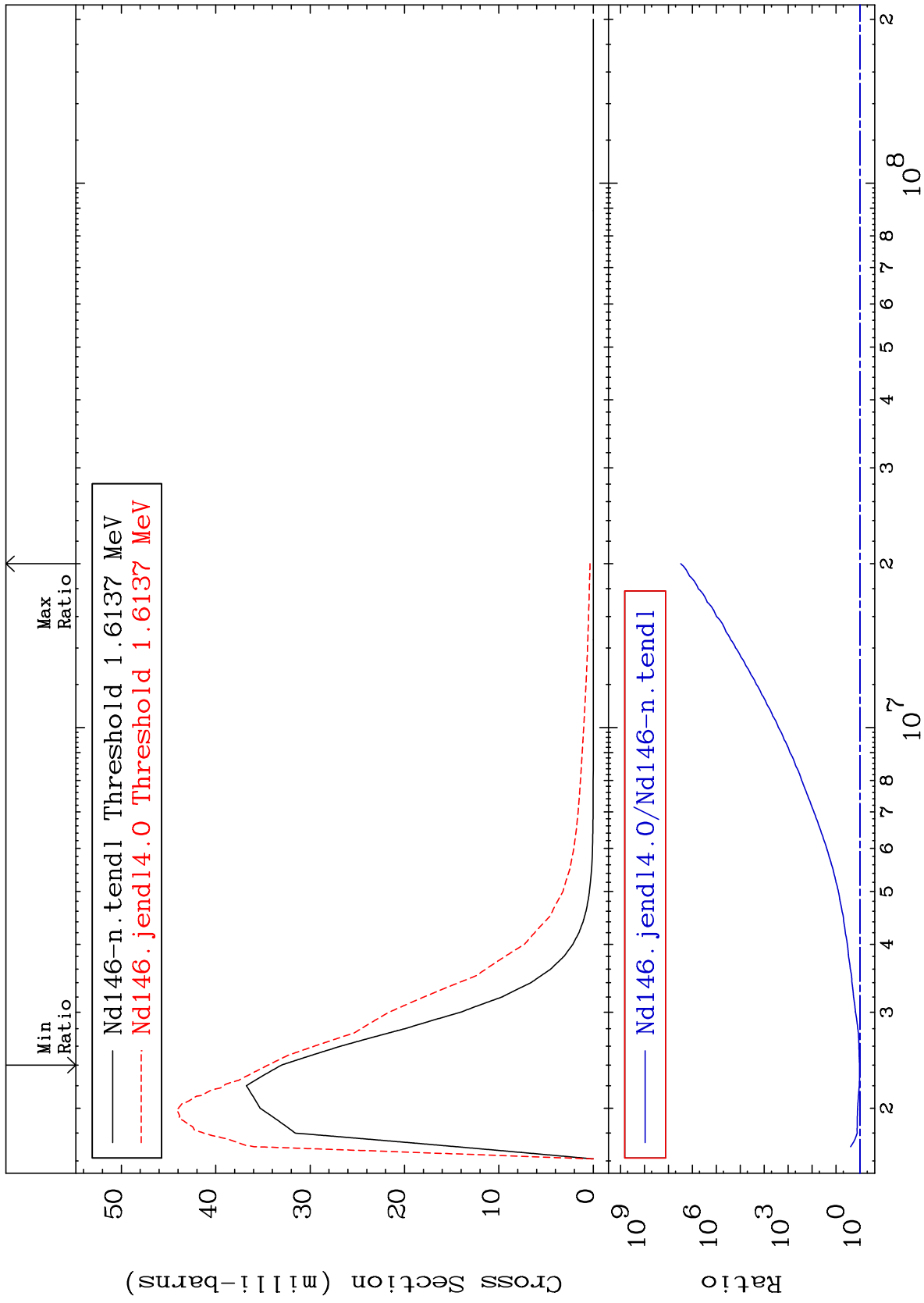


20

Incident Energy (eV)

60-Nd-146

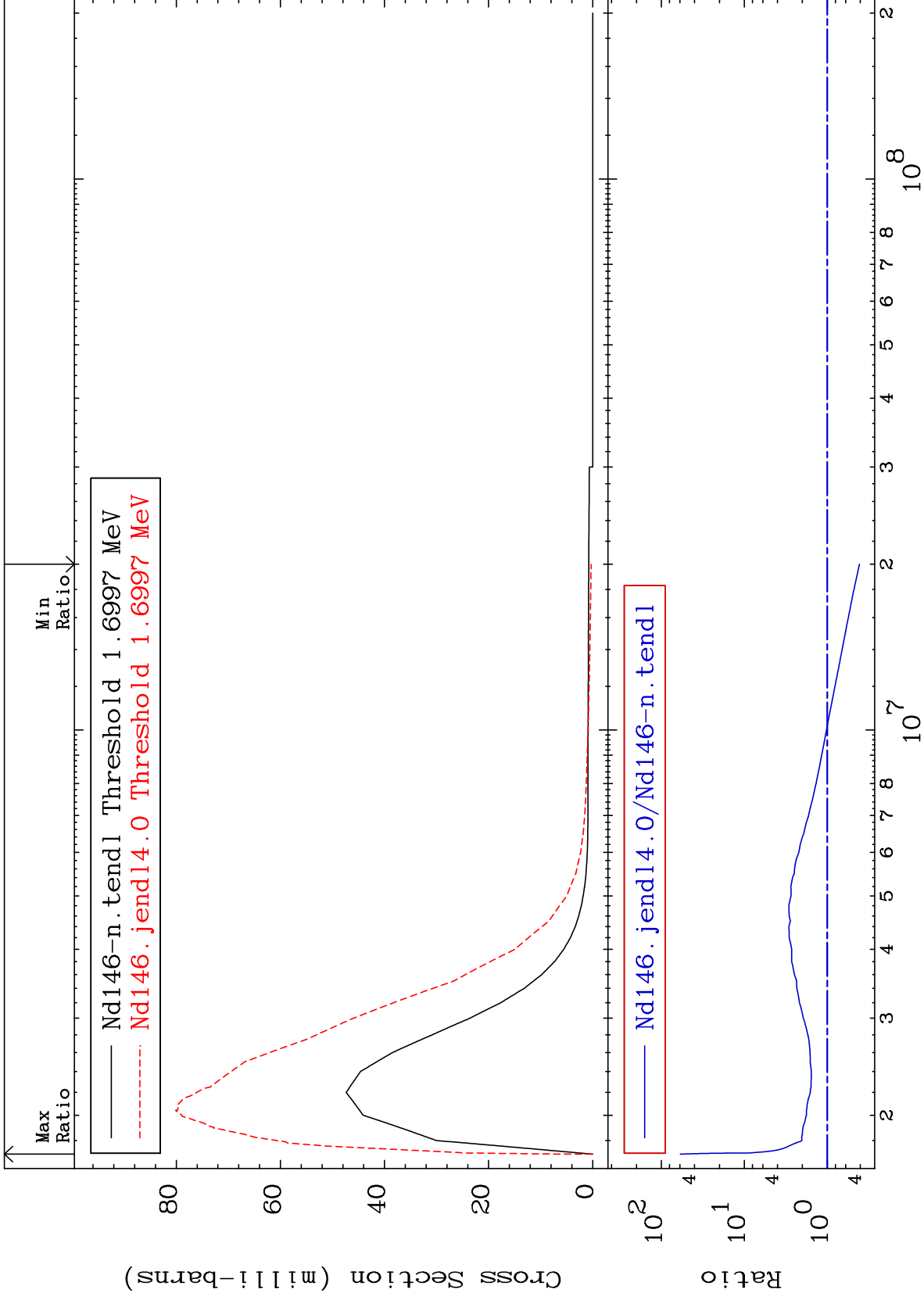
MAT 6037 1.603 MeV (n,n') Level 60-Nd-146  
 Cross Section 4.281 To 9999. %



MAT 6037

1.688 MeV (n,n') Level  
Cross Section

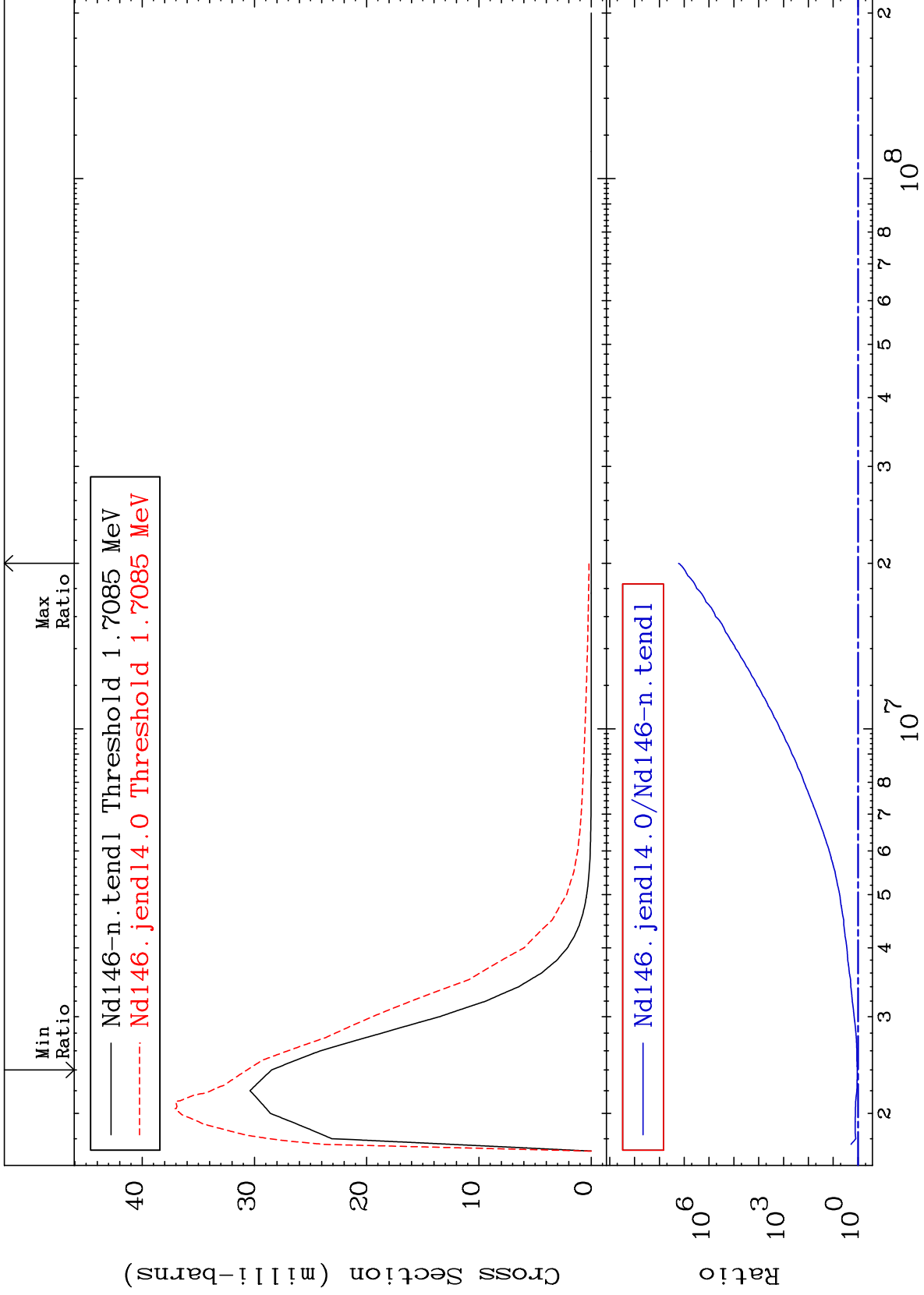
60-Nd-146  
-58.97 To 5814. %



MAT 6037

1.697 MeV (n,n') Level  
Cross Section

60-Nd-146  
7.693 To 9999. %

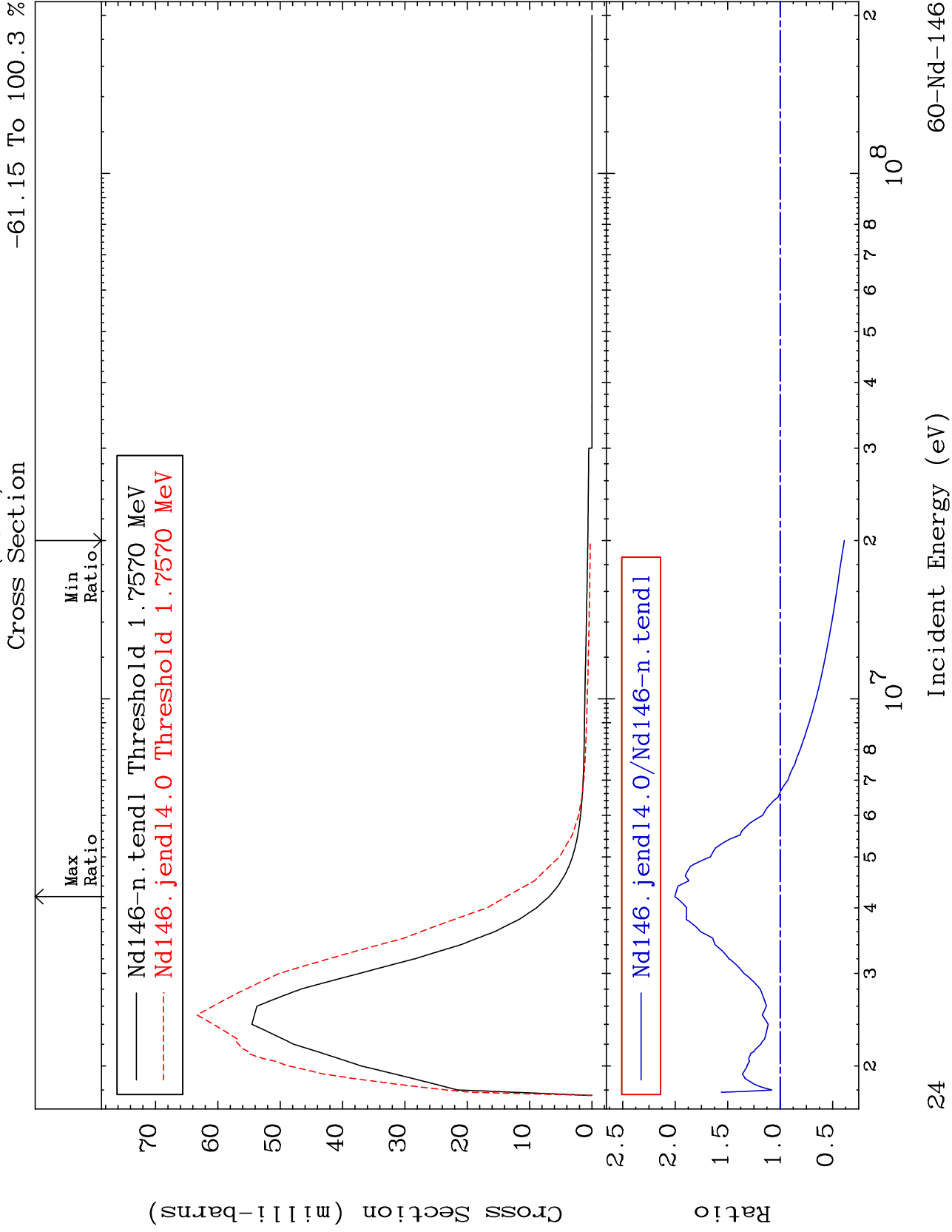


MAT 6037

1.745 MeV (n,n') Level

60-Nd-146

-61.15 To 100.3 %





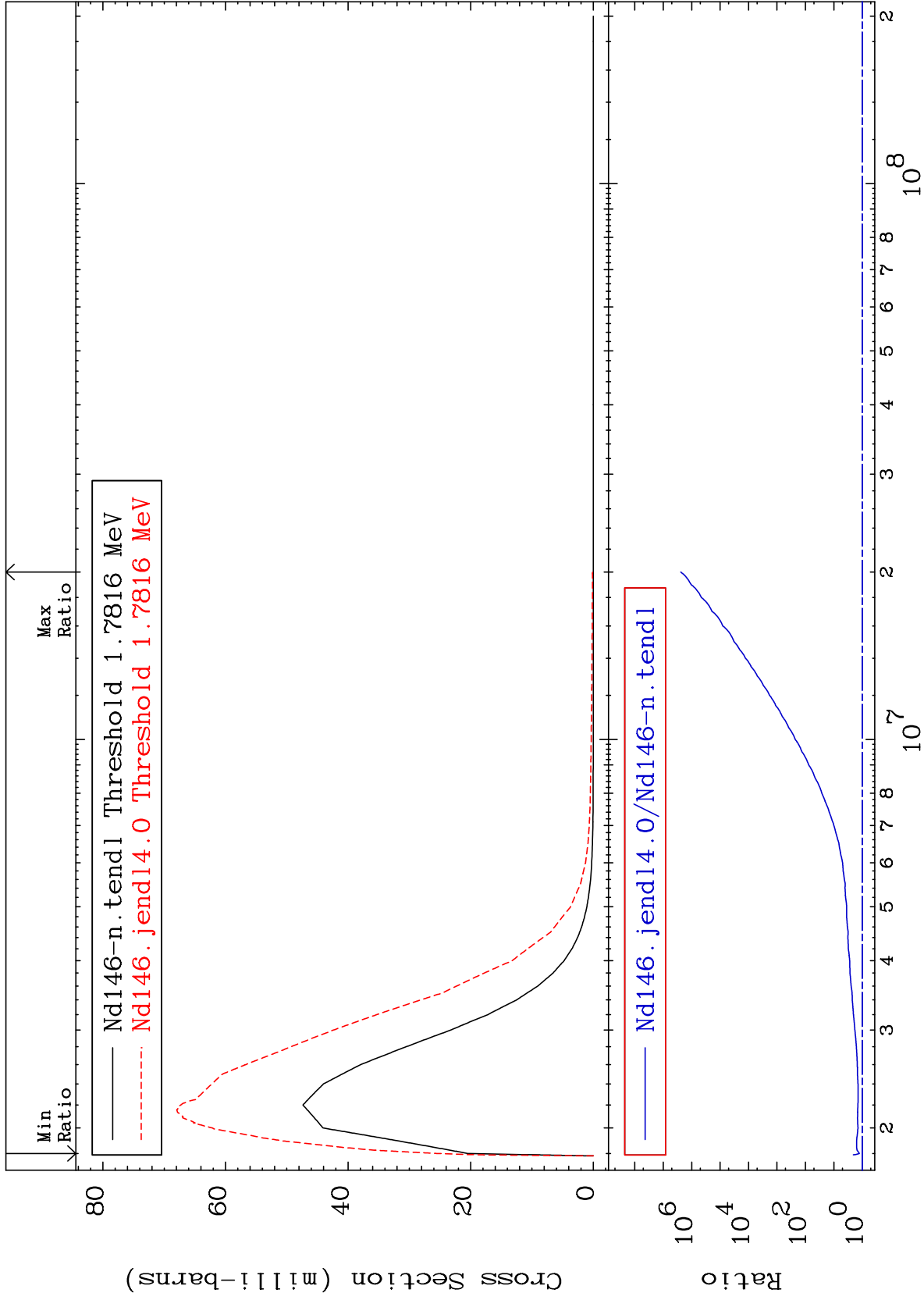
MAT 6037

1.769 MeV (n,n') Level

60-Nd-146

24.80 To 9999. %

Cross Section



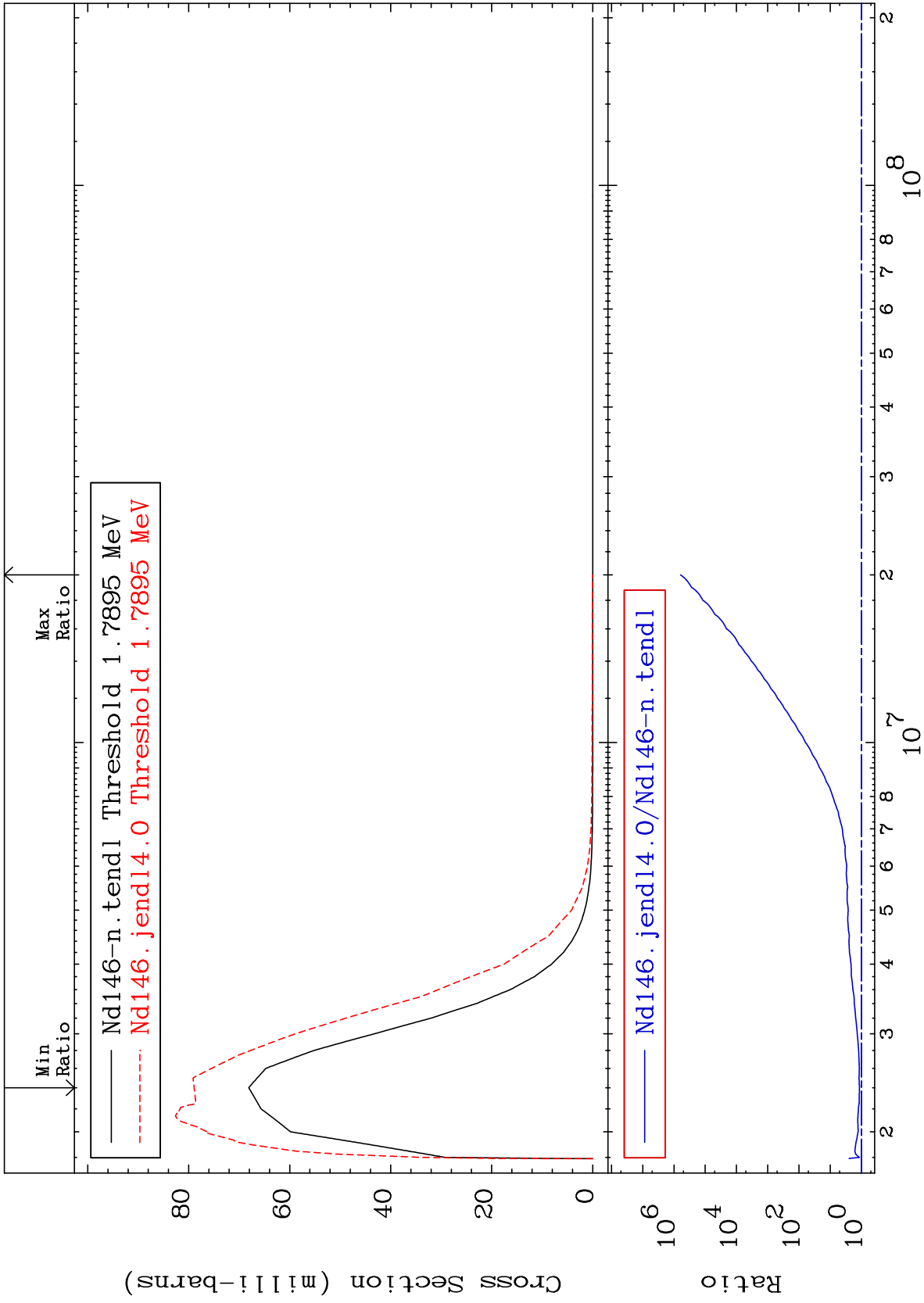
MAT 6037

1.777 MeV (n,n') Level

60-Nd-146

15.86 To 9999. %

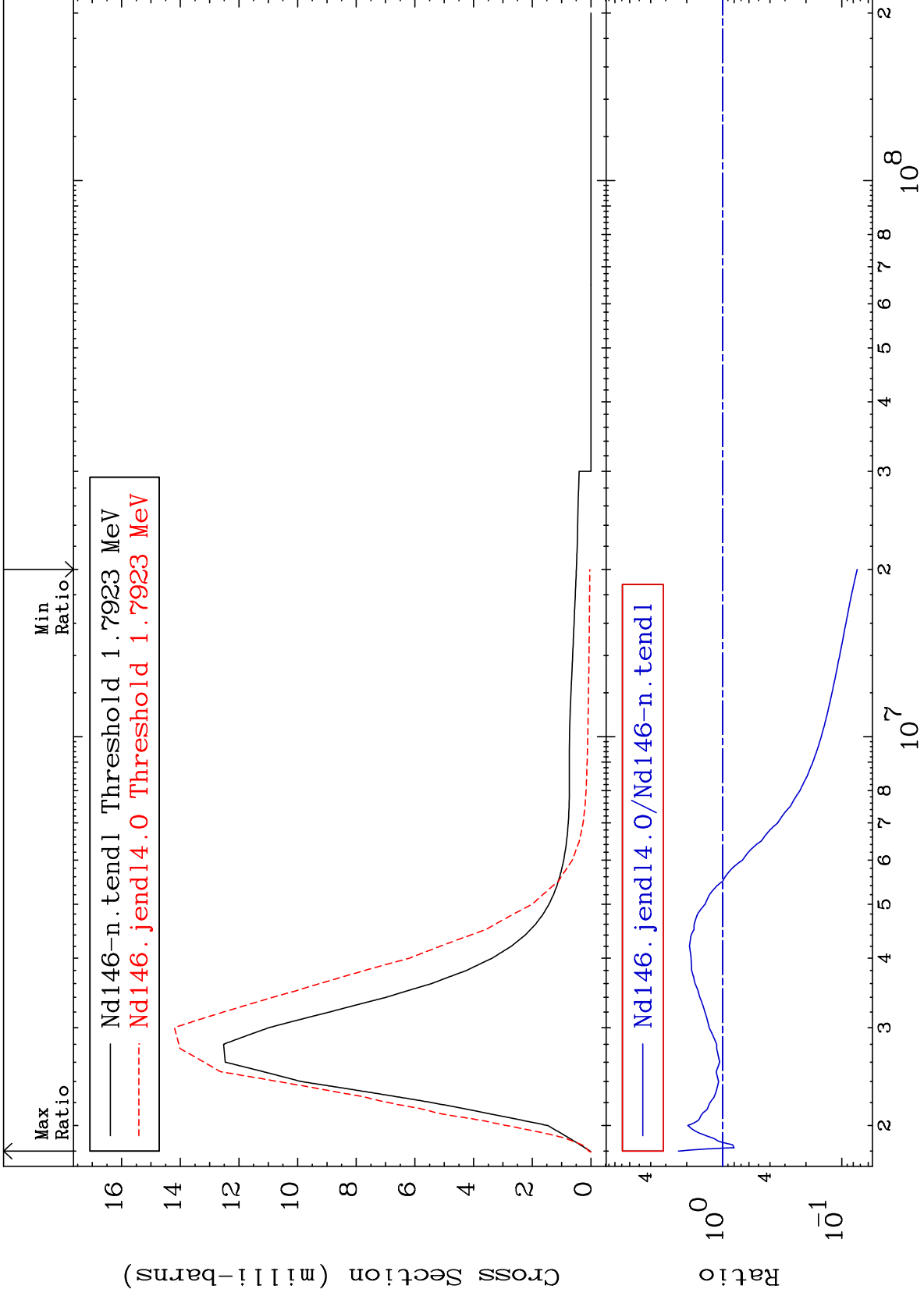
Cross Section



MAT 6037

1.780 MeV (n,n') Level  
Cross Section

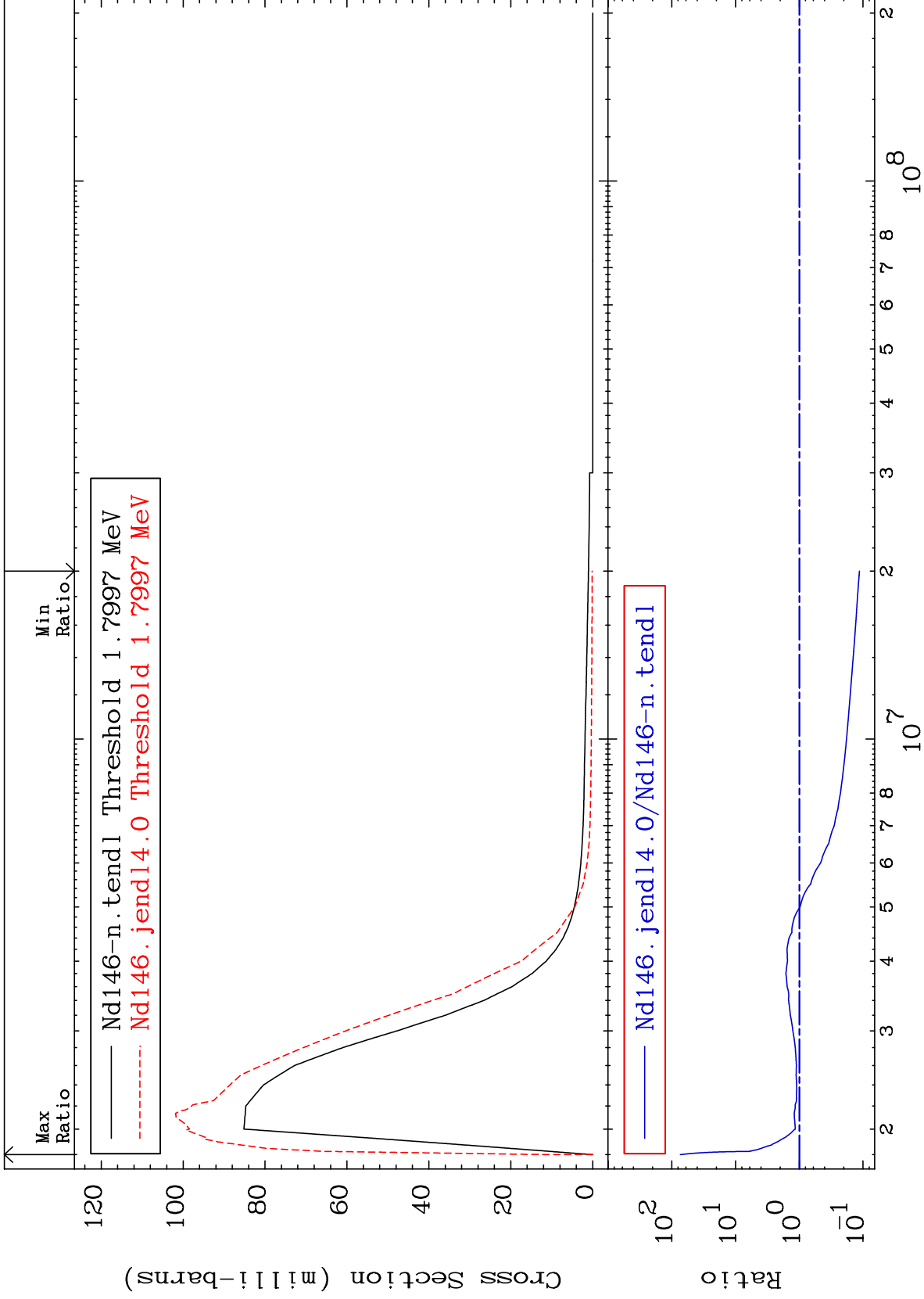
60-Nd-146  
-92.57 To 134.5 %



MAT 6037

1.787 MeV (n,n') Level  
Cross Section

60-Nd-146  
-88.61 To 7252. %



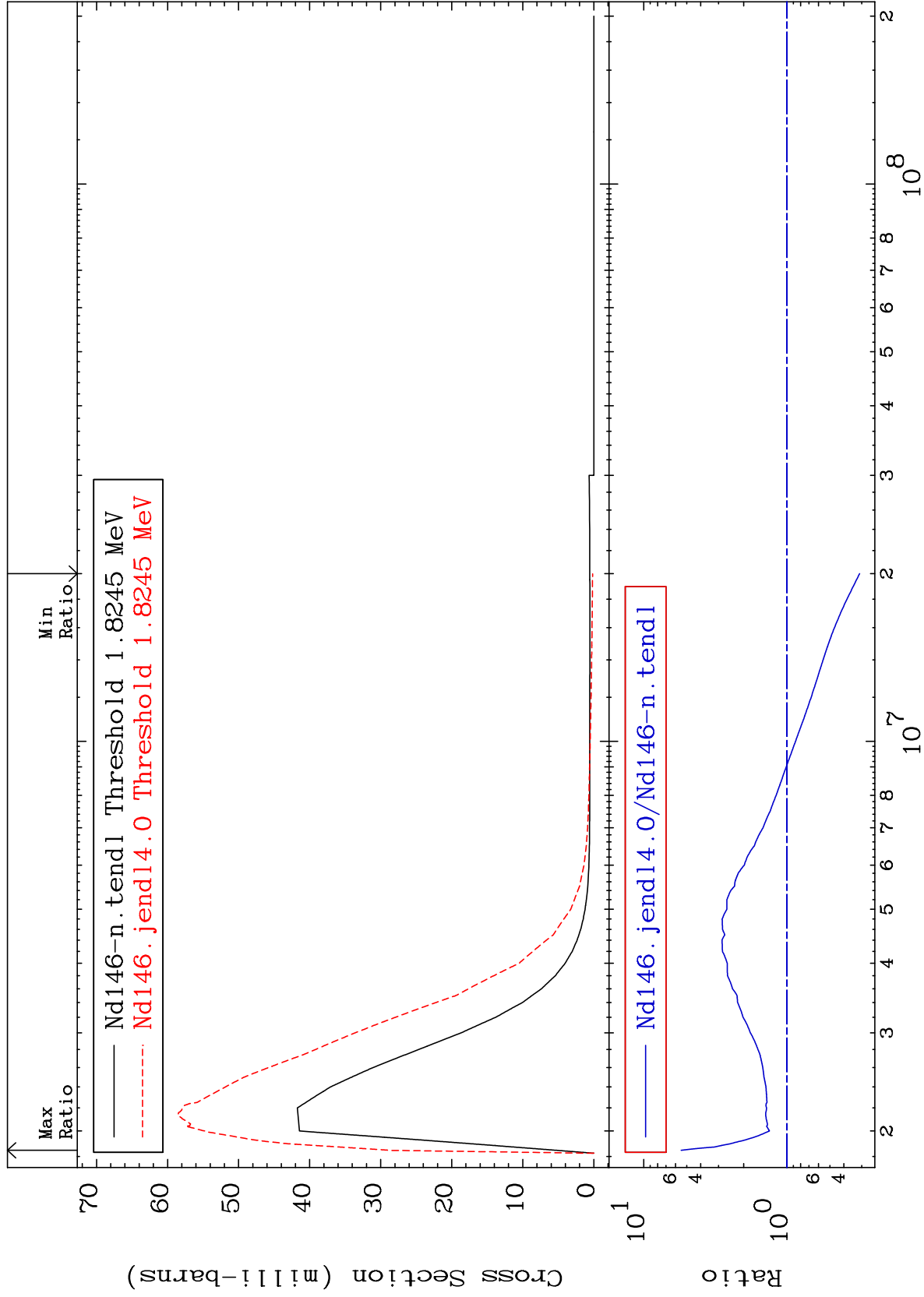
MAT 6037

1.812 MeV (n,n') Level

60-Nd-146

-69.00 To 447.2 %

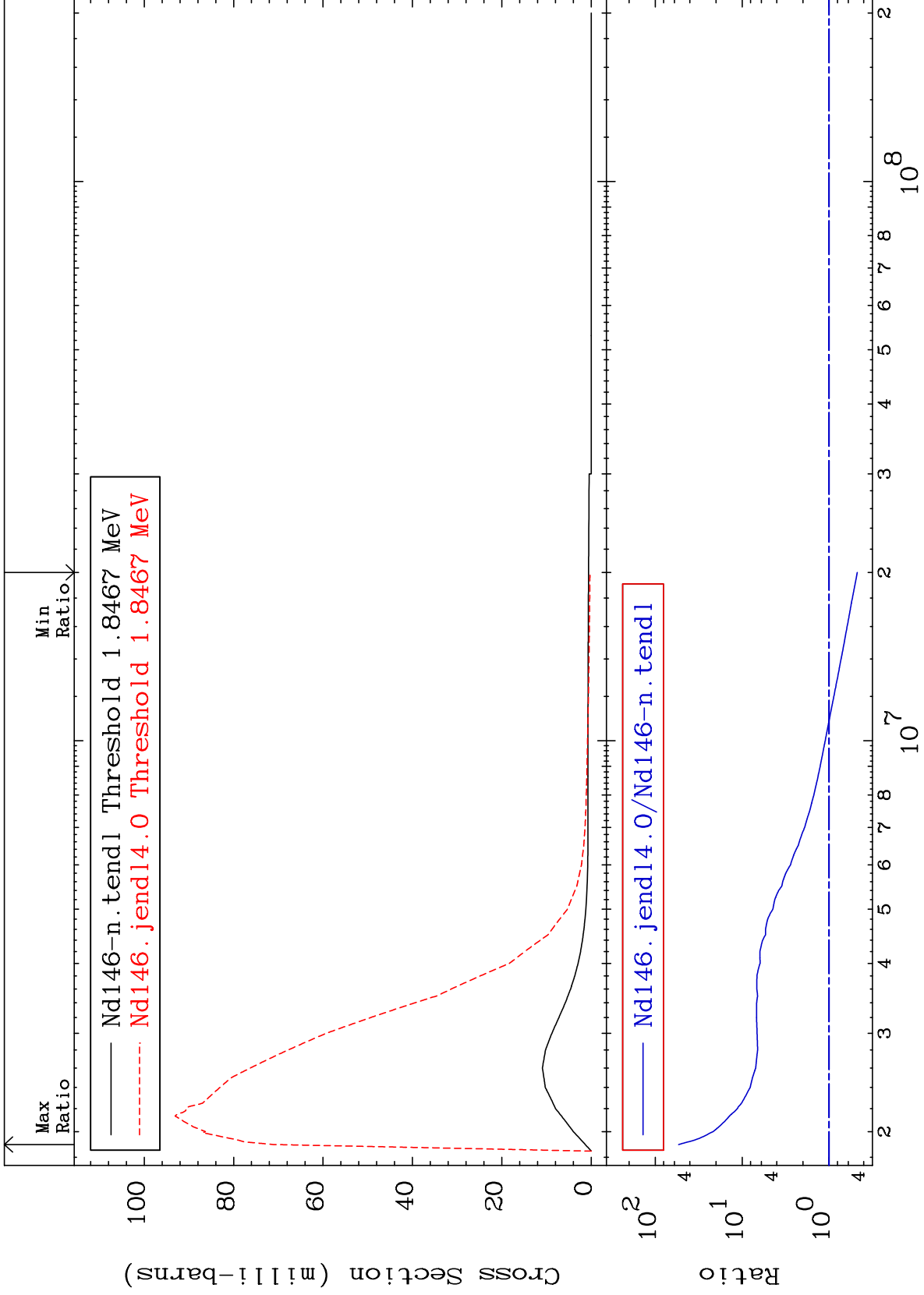
Cross Section



MAT 6037

1.834 MeV (n,n') Level  
Cross Section

60-Nd-146  
-52.60 To 5276. %

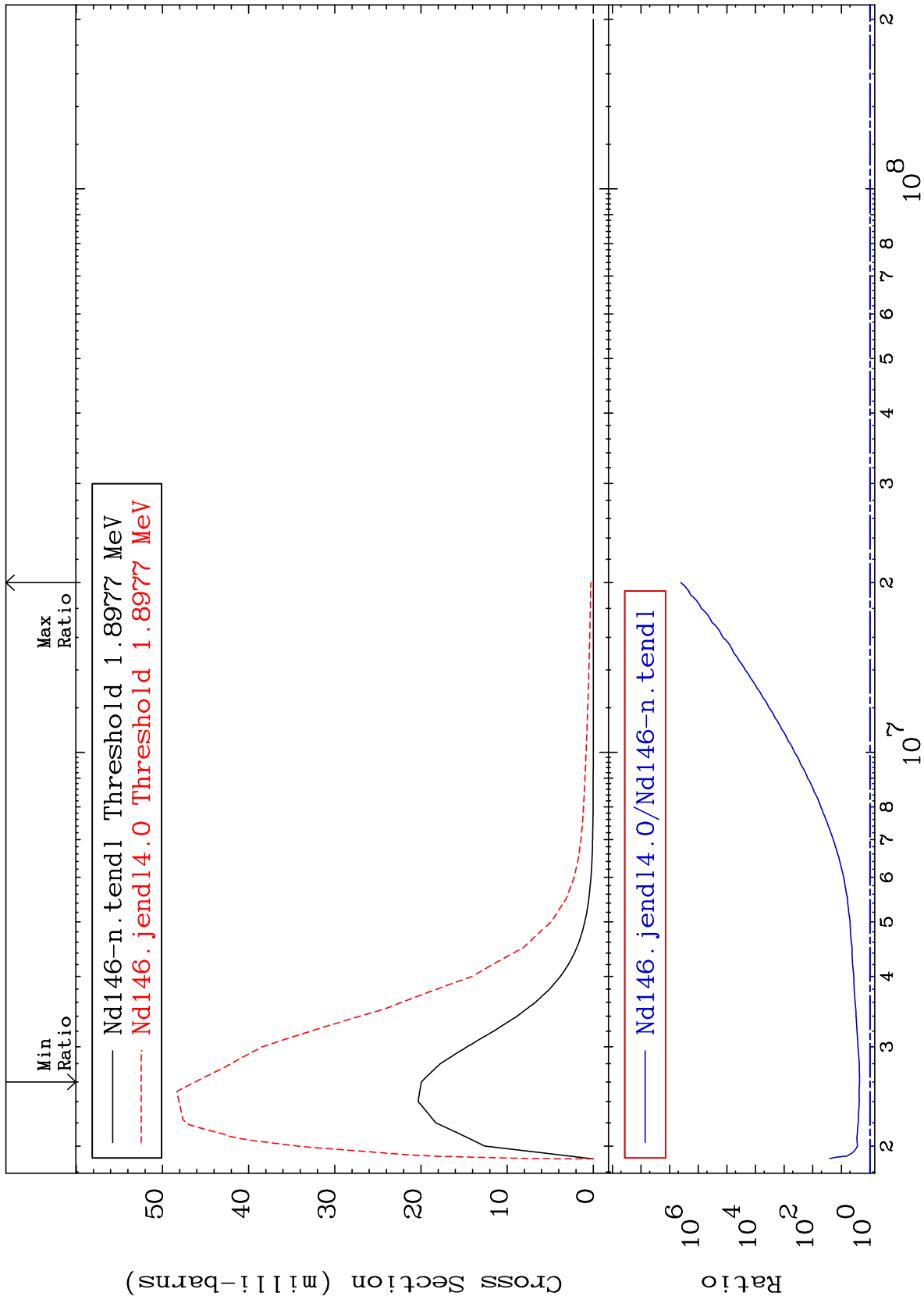


30

Incident Energy (eV)

60-Nd-146

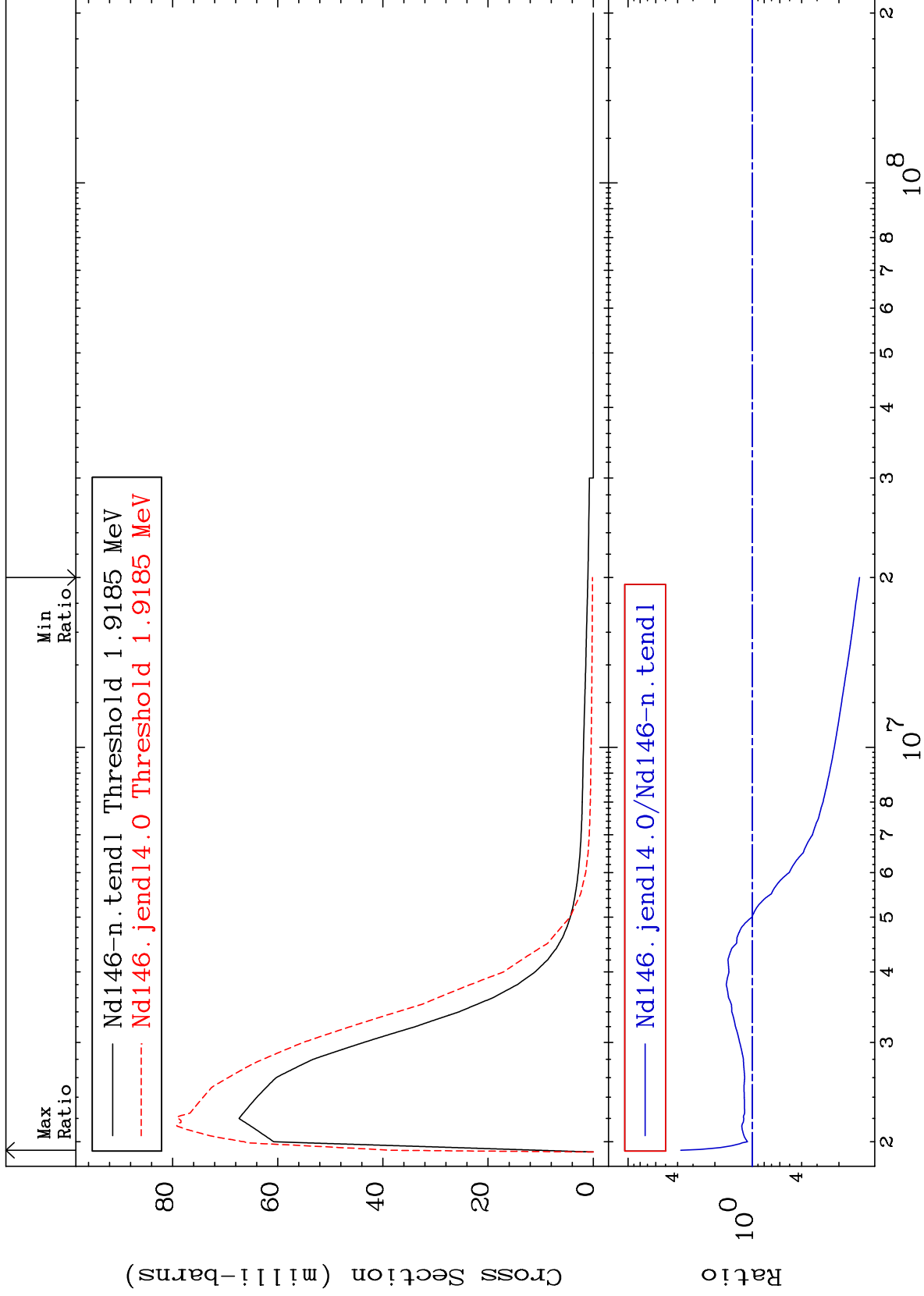
MAT 6037 1.885 MeV (n,n') Level 60-Nd-146  
 Cross Section 131.5 To 9999. %



MAT 6037

1.905 MeV (n,n') Level  
Cross Section

60-Nd-146  
-86.33 To 276.6 %

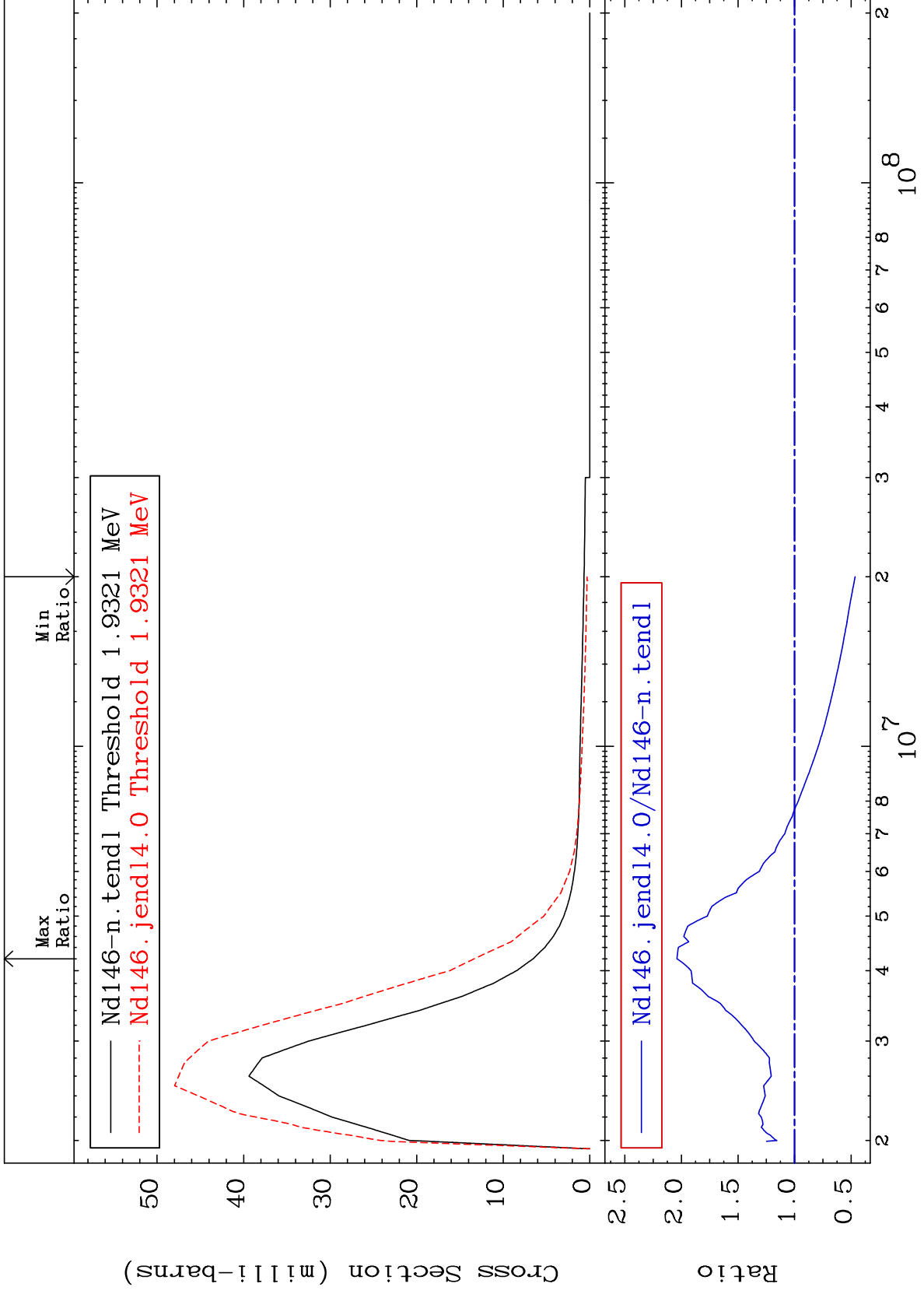




MAT 6037

1.919 MeV (n,n') Level  
Cross Section

60-Nd-146  
-53.45 To 104.0 %



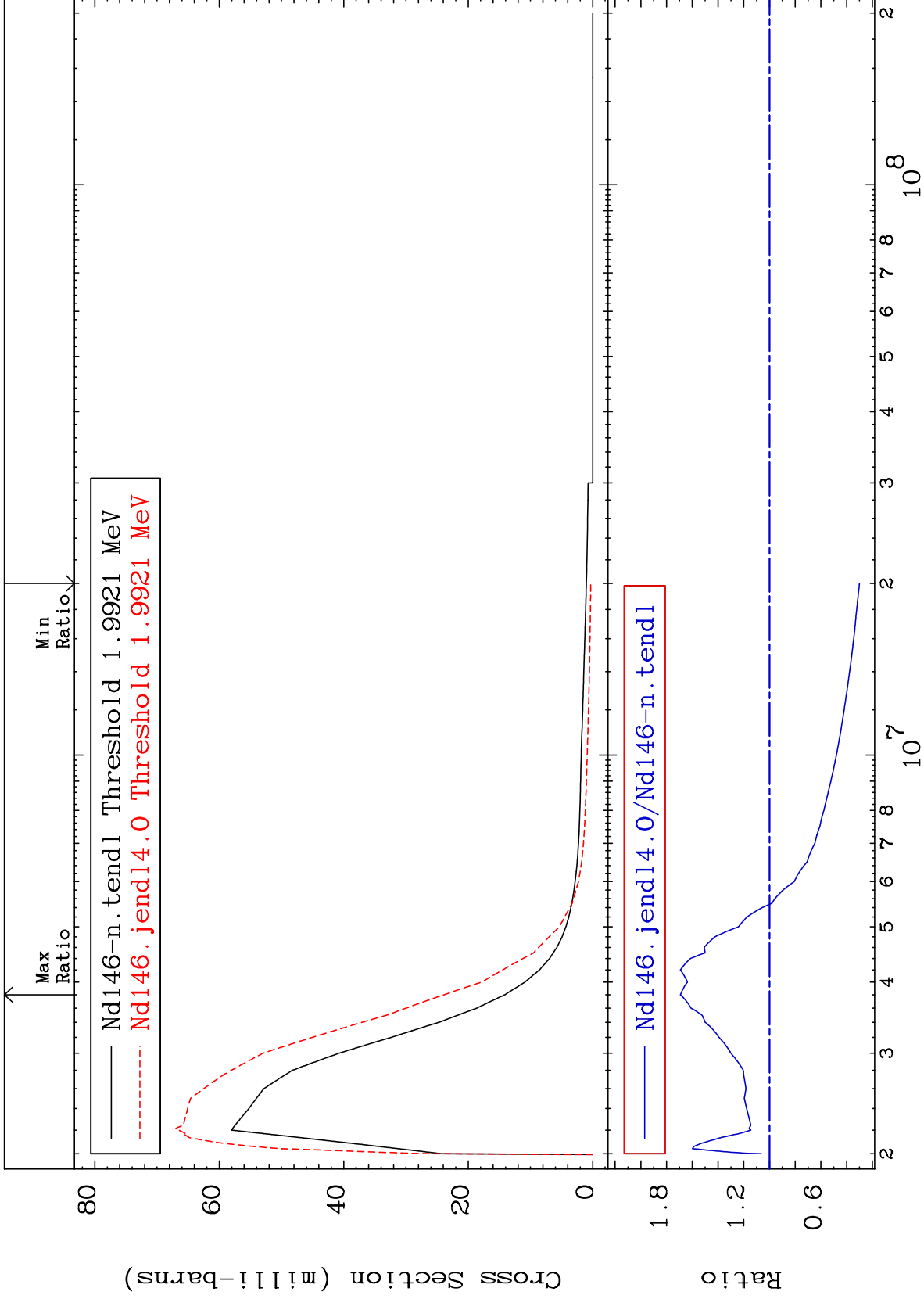
MAT 6037

1.978 MeV (n,n') Level

60-Nd-146

-69.94 To 69.28 %

Cross Section



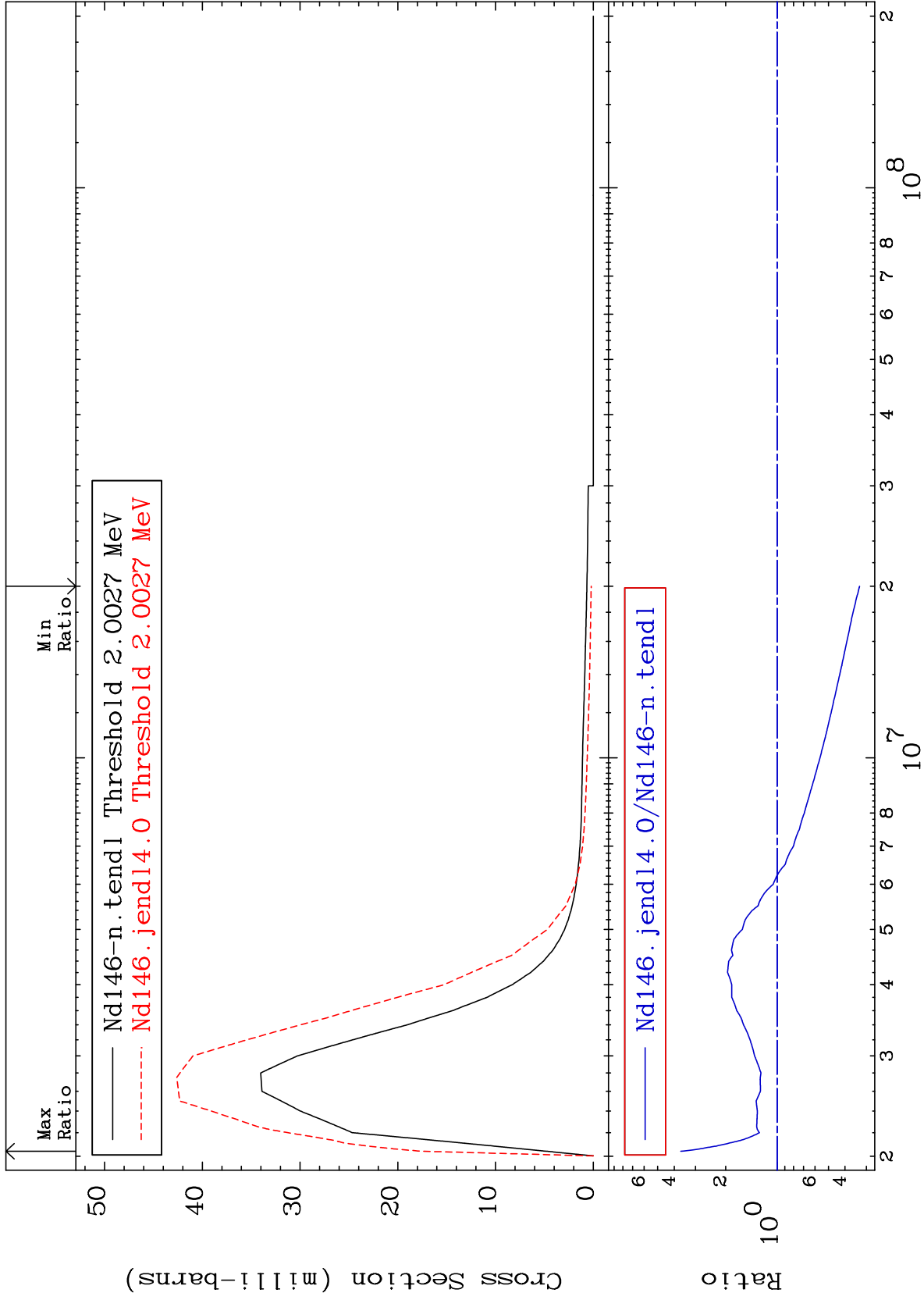
MAT 6037

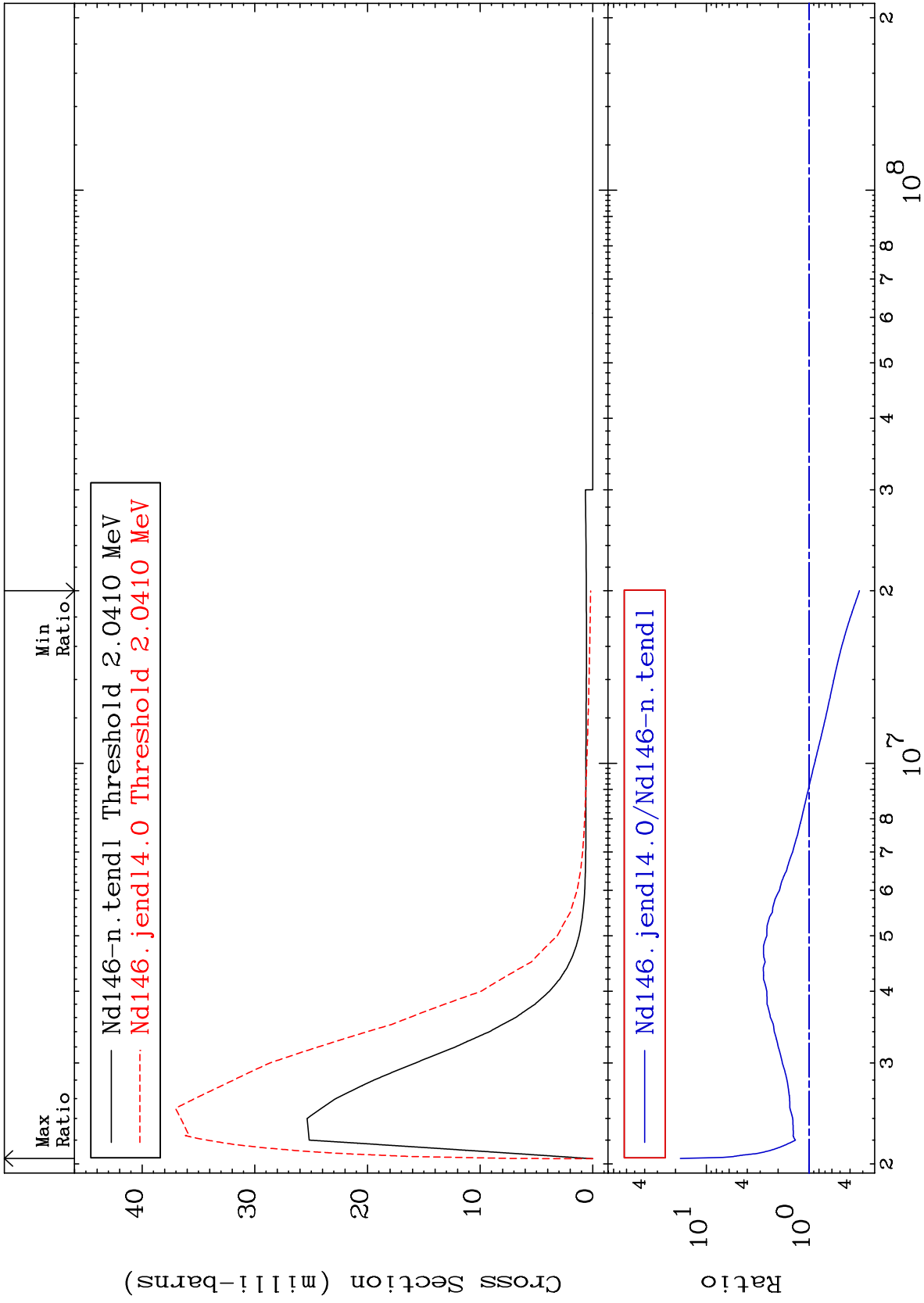
1.989 MeV (n,n') Level

60-Nd-146

-67.10 To 266.1 %

Cross Section





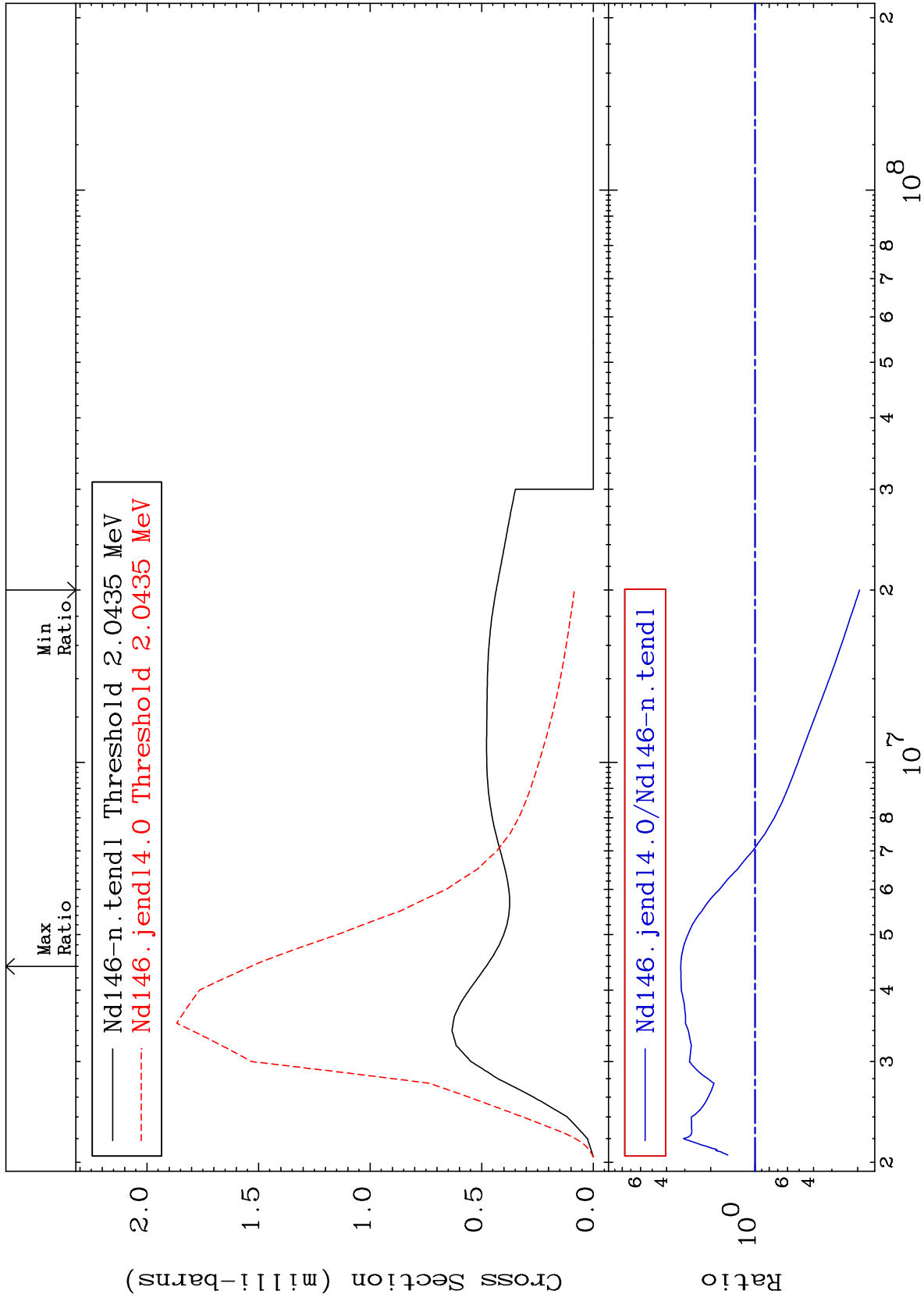
MAT 6037

2.029 MeV (n,n') Level

60-Nd-146

-80.56 To 219.7 %

Cross Section



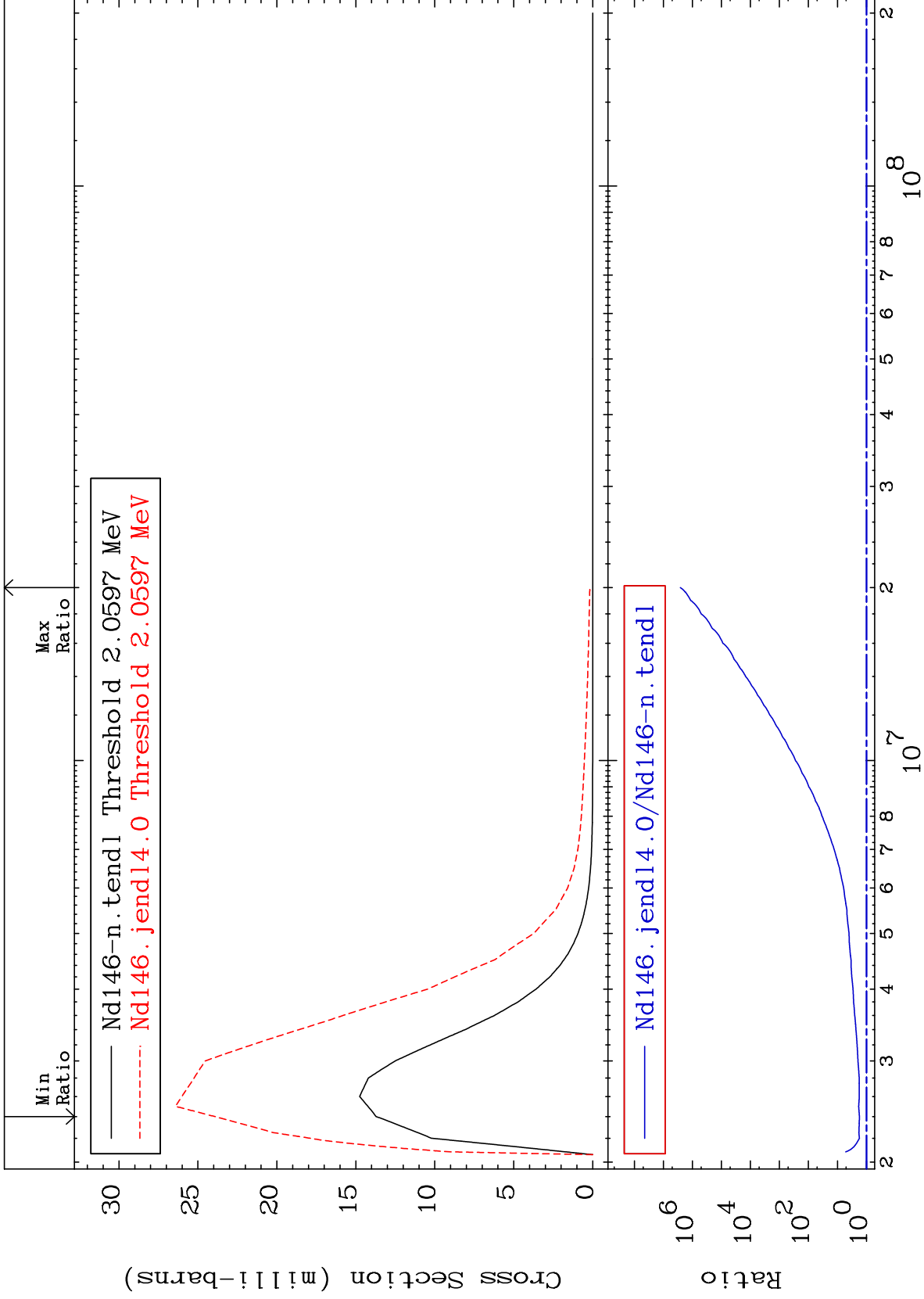
MAT 6037

2.046 MeV (n,n') Level

60-Nd-146

74.59 To 9999. %

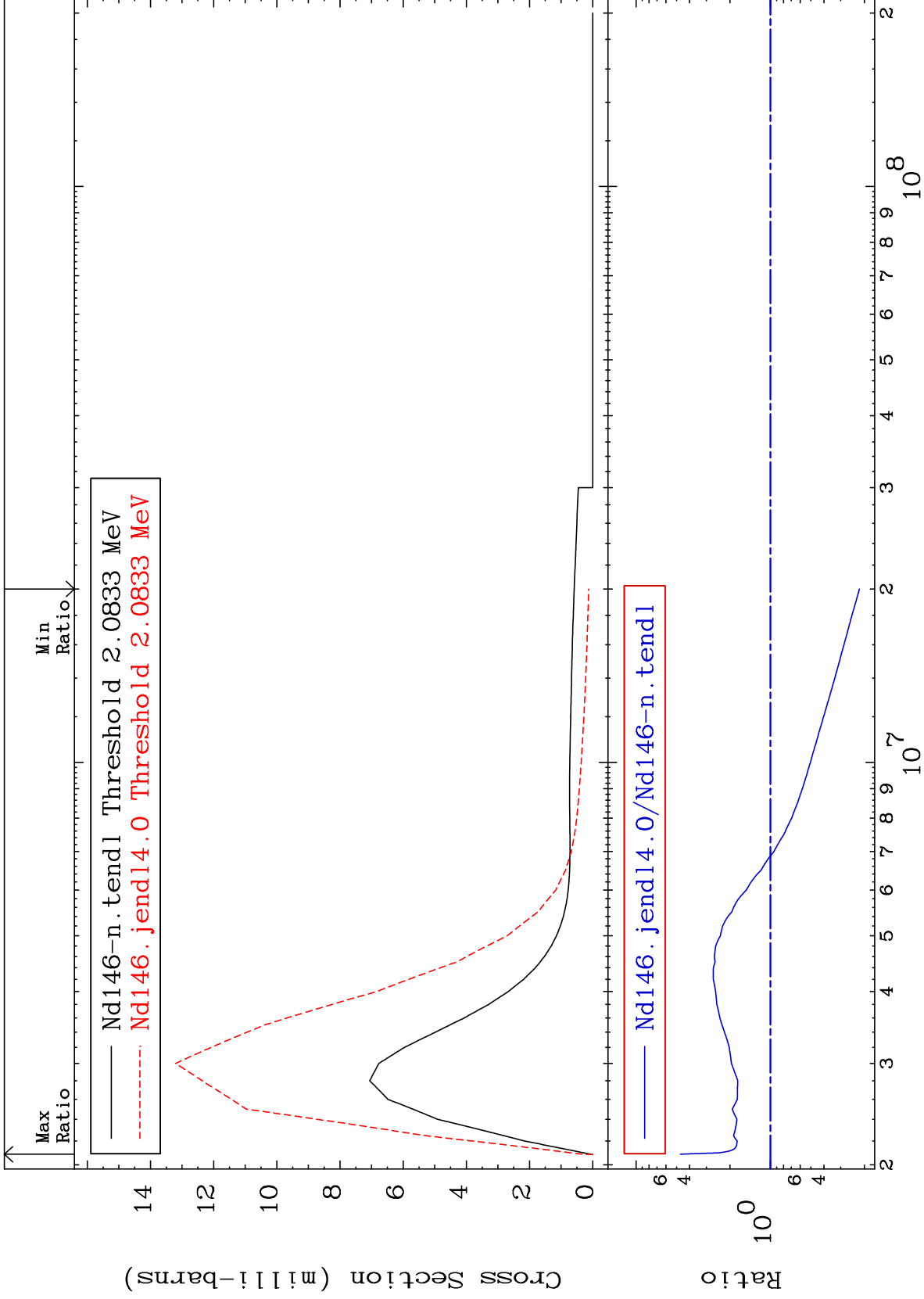
Cross Section



MAT 6037

2.069 MeV (n,n') Level  
Cross Section

60-Nd-146  
-78.22 To 368.0 %



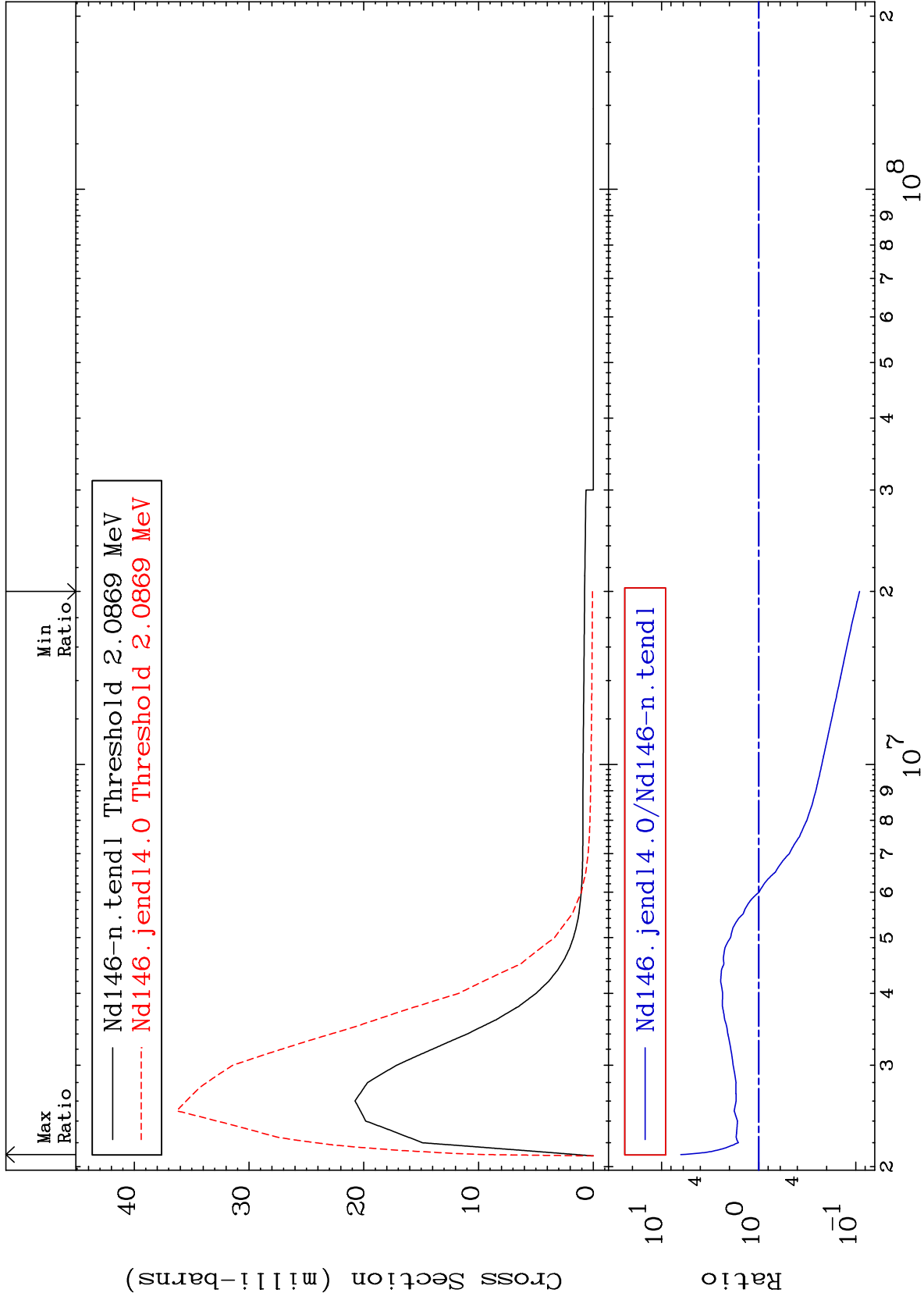
MAT 6037

2.073 MeV (n,n') Level

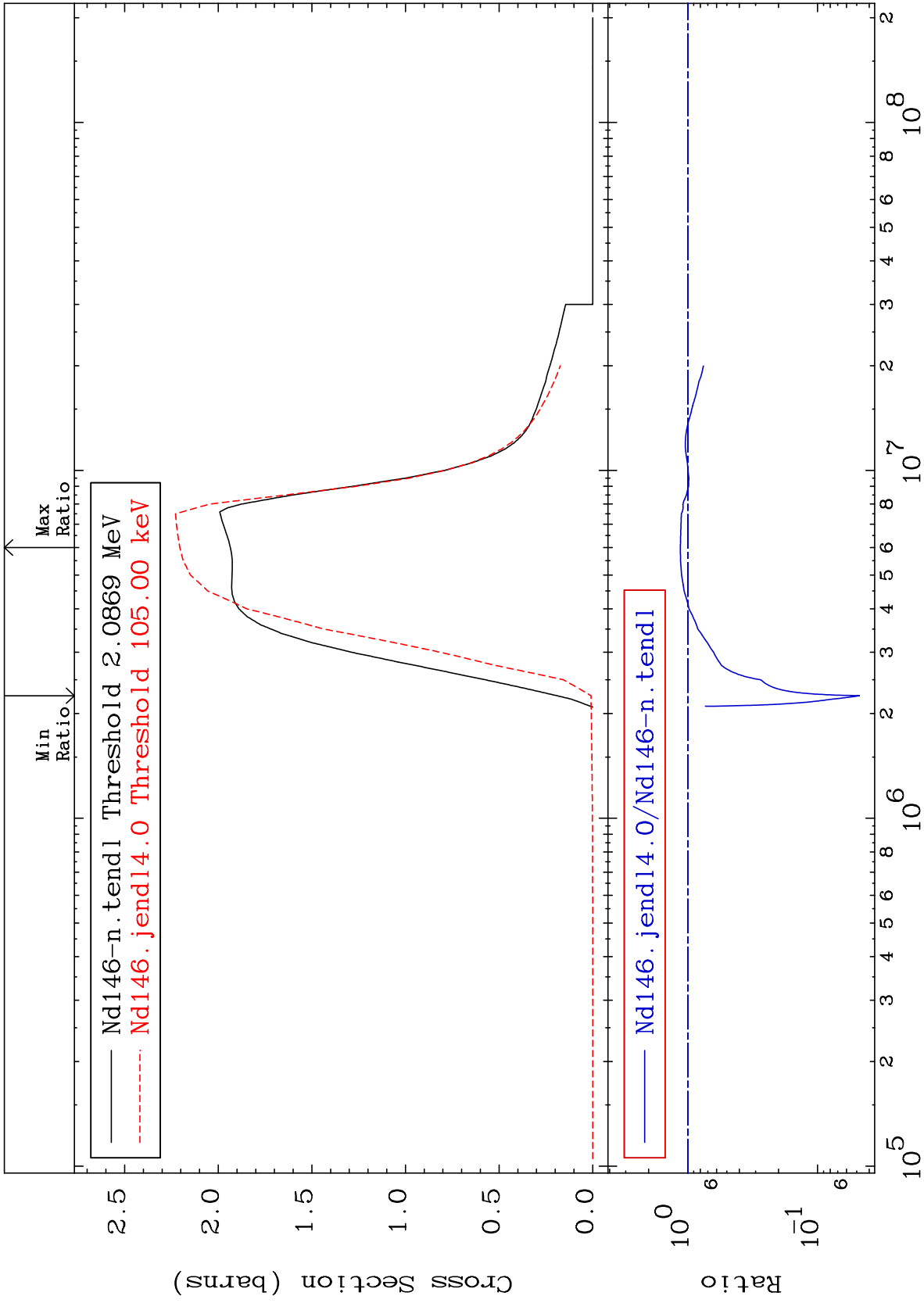
60-Nd-146

-90.84 To 534.5 %

Cross Section







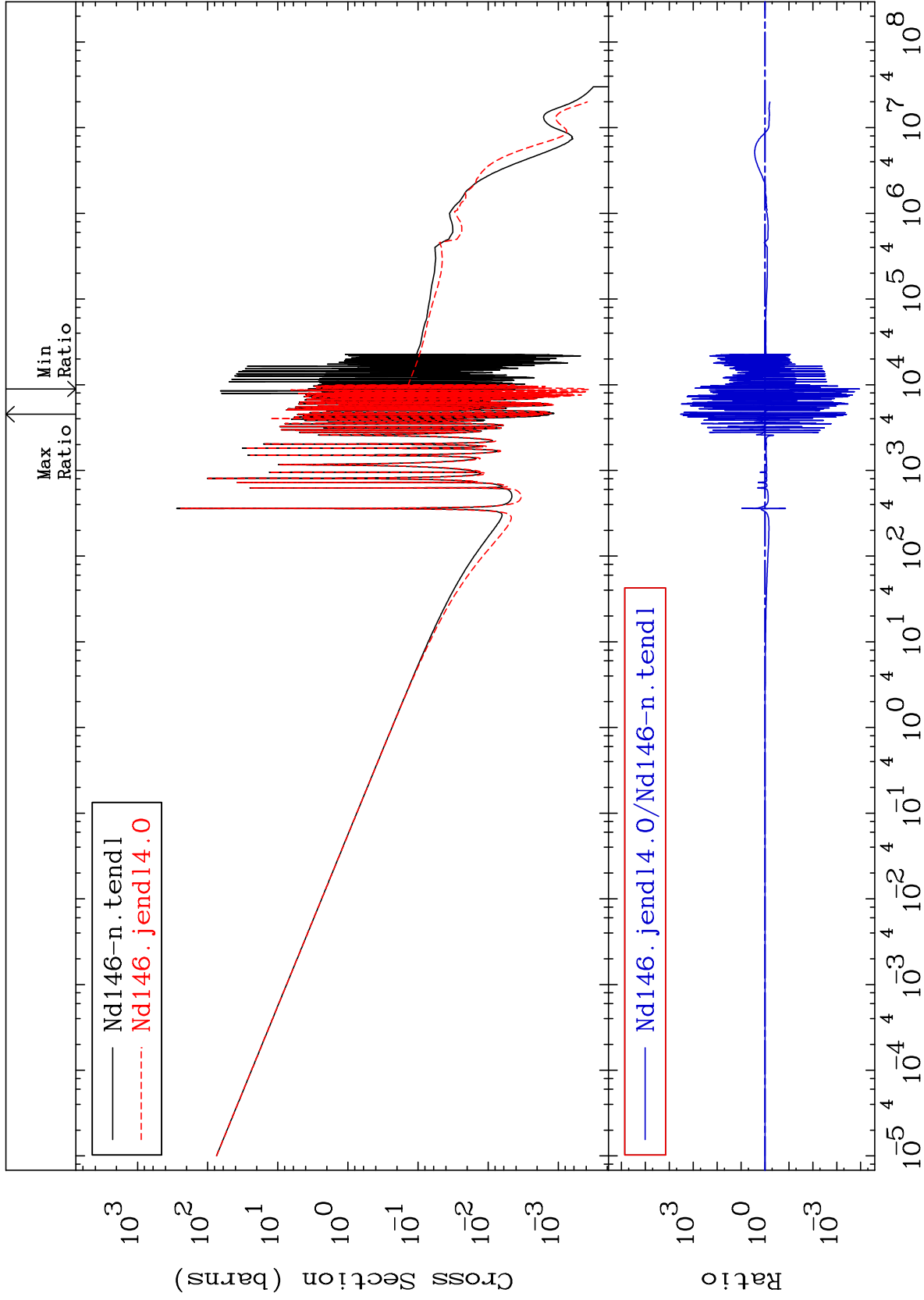
MAT 6037

60-Nd-146

-99.99 To 9999. %

(n,  $\gamma$ )

Cross Section



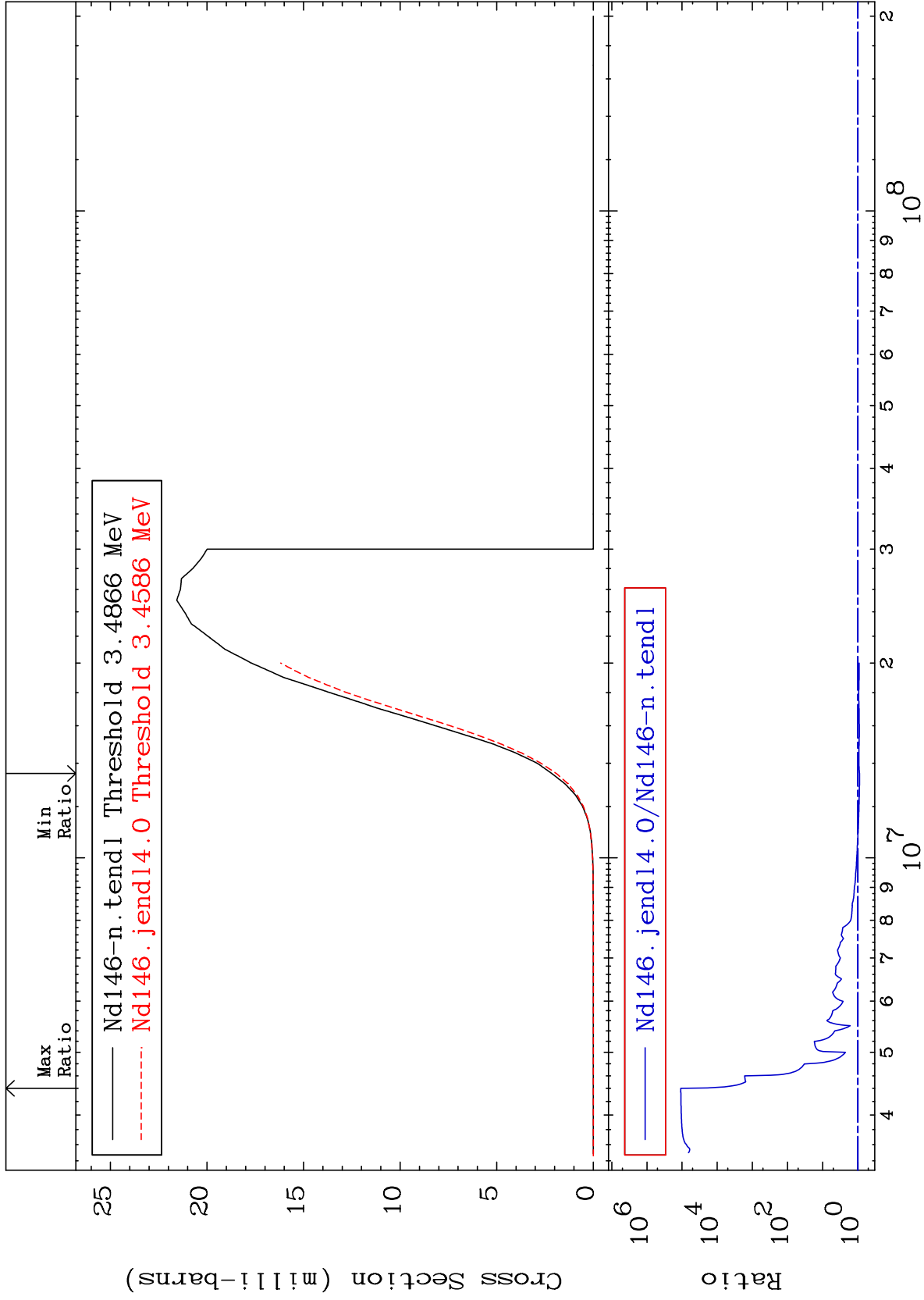
MAT 6037

(n,p)

60-Nd-146

Cross Section

-10.94 To 9999. %



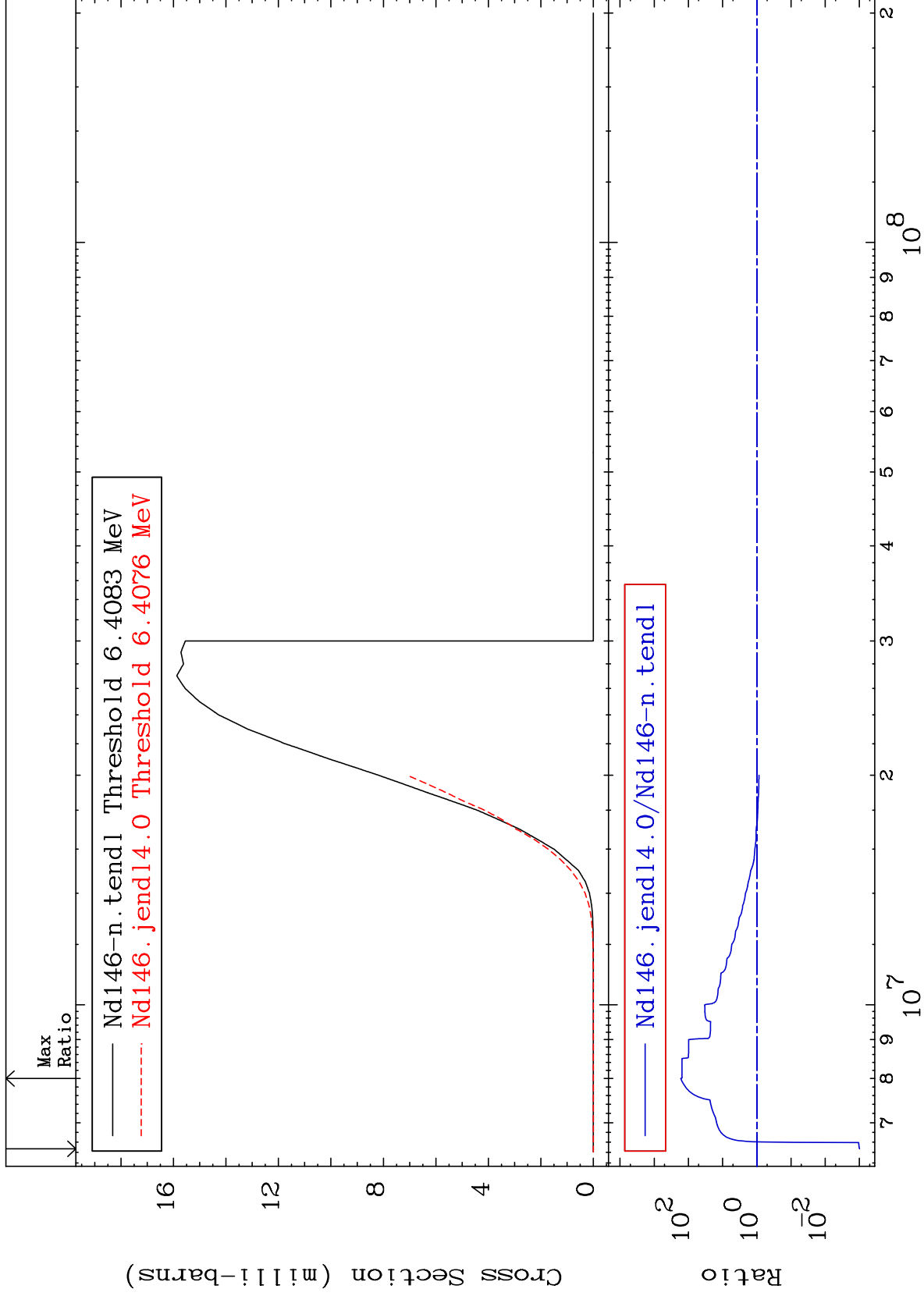
MAT 6037

(n, d)

60-Nd-146

Cross Section

-99.90 To 9999. %



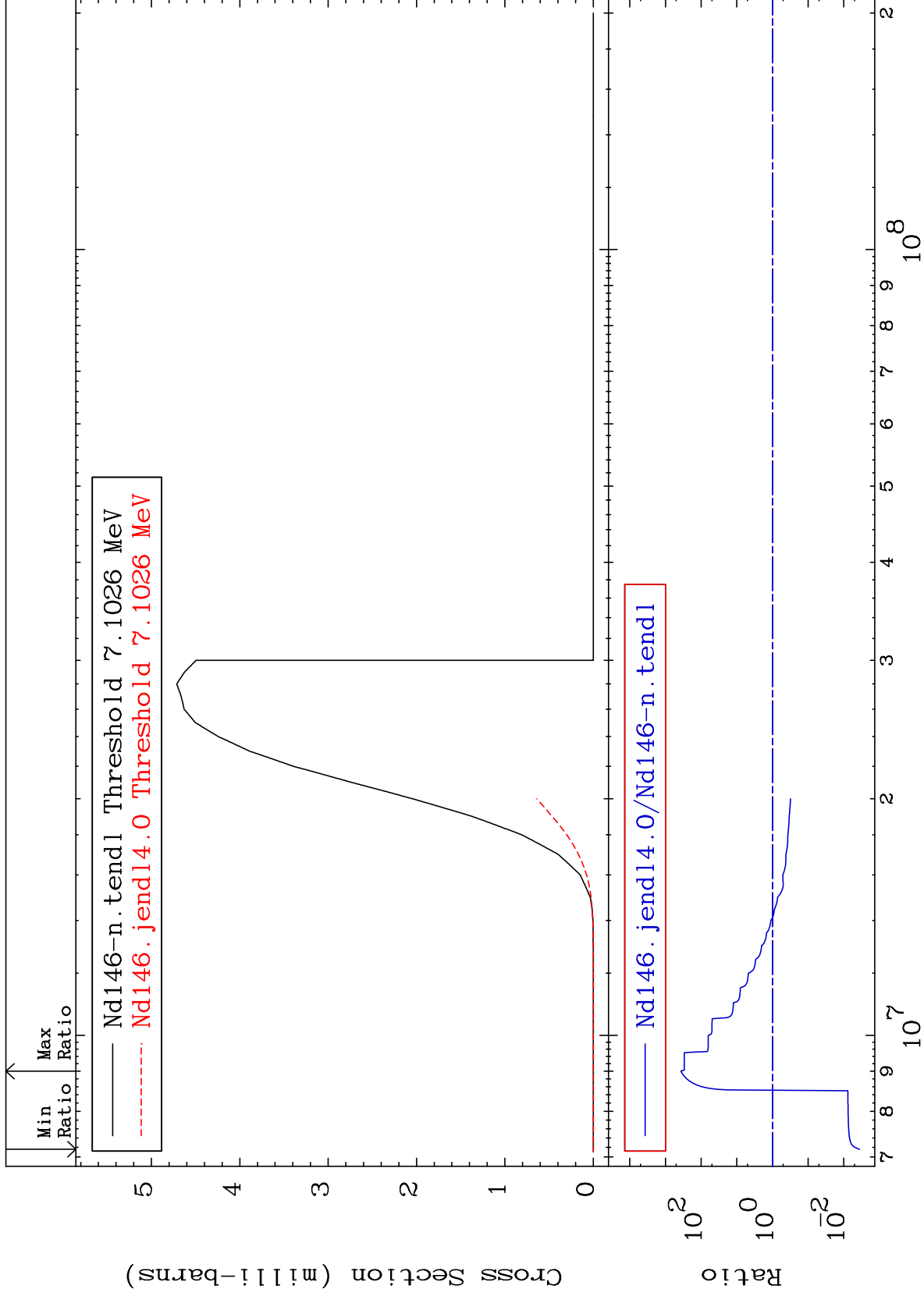
MAT 6037

(n, t)

60-Nd-146

Cross Section

-99.64 To 9999. %



45

Incident Energy (eV)

60-Nd-146

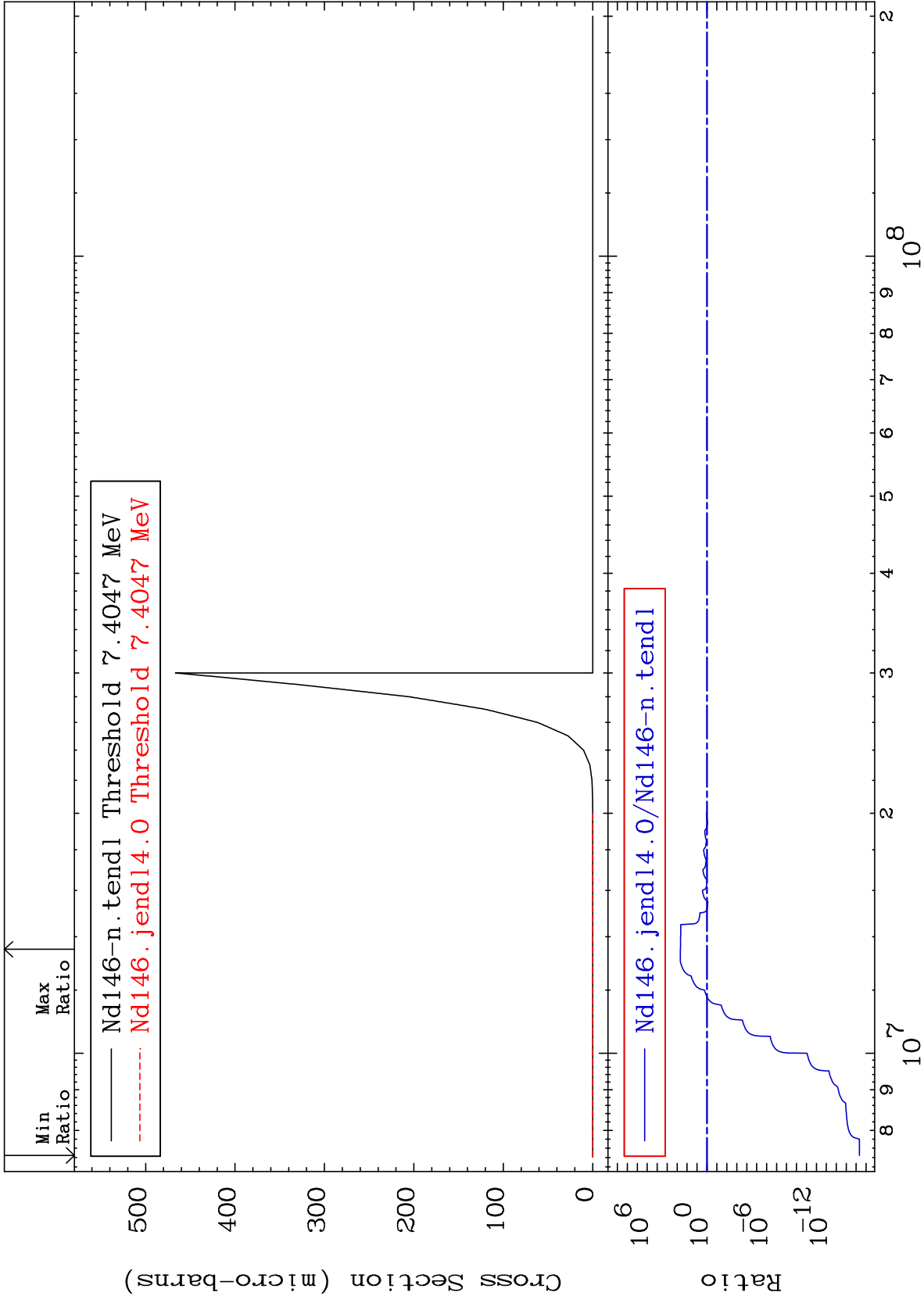
MAT 6037

(n, He-3)

60-Nd-146

Cross Section

-100.0 To 9999. %



46

Incident Energy (eV)

60-Nd-146

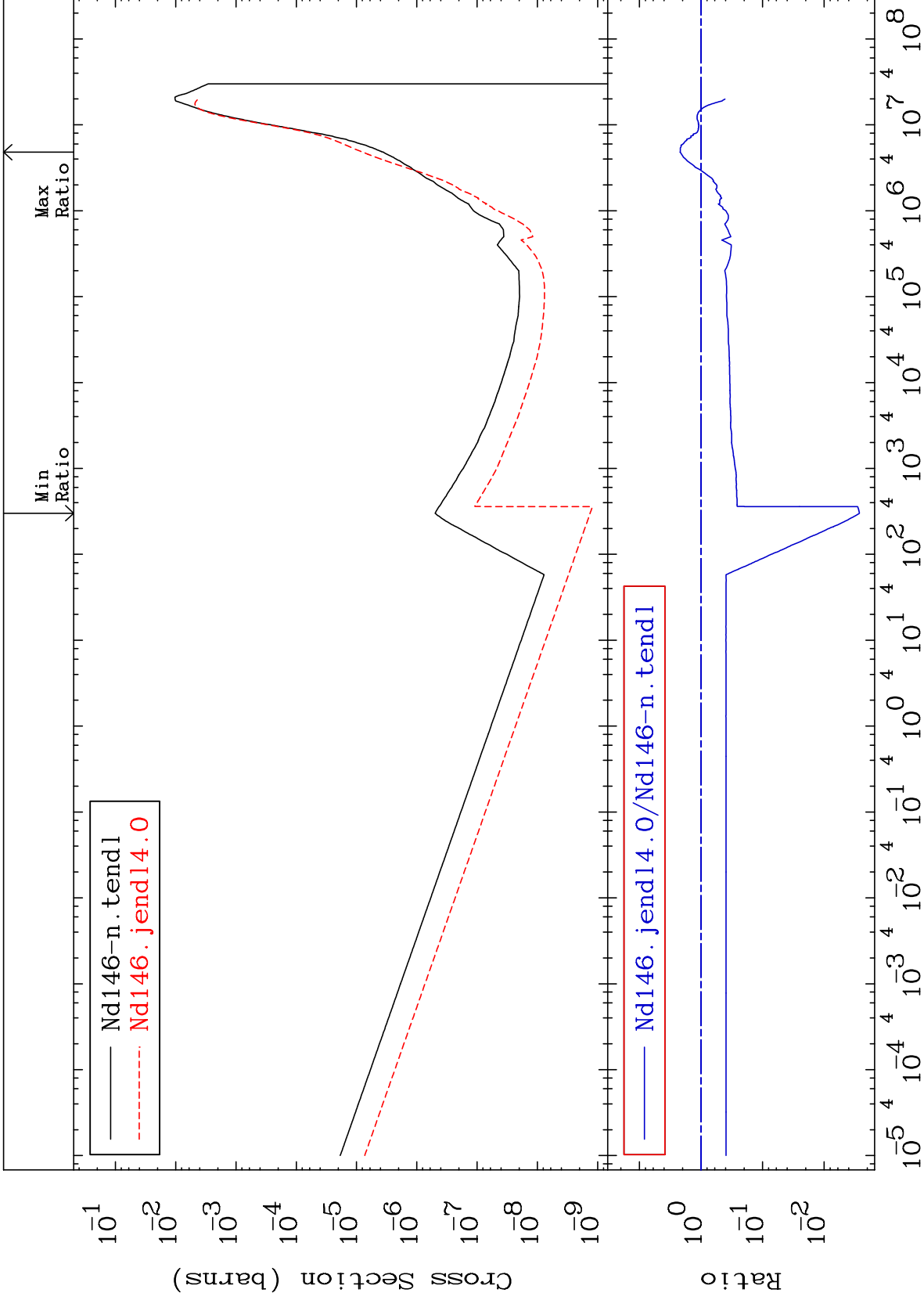
MAT 6037

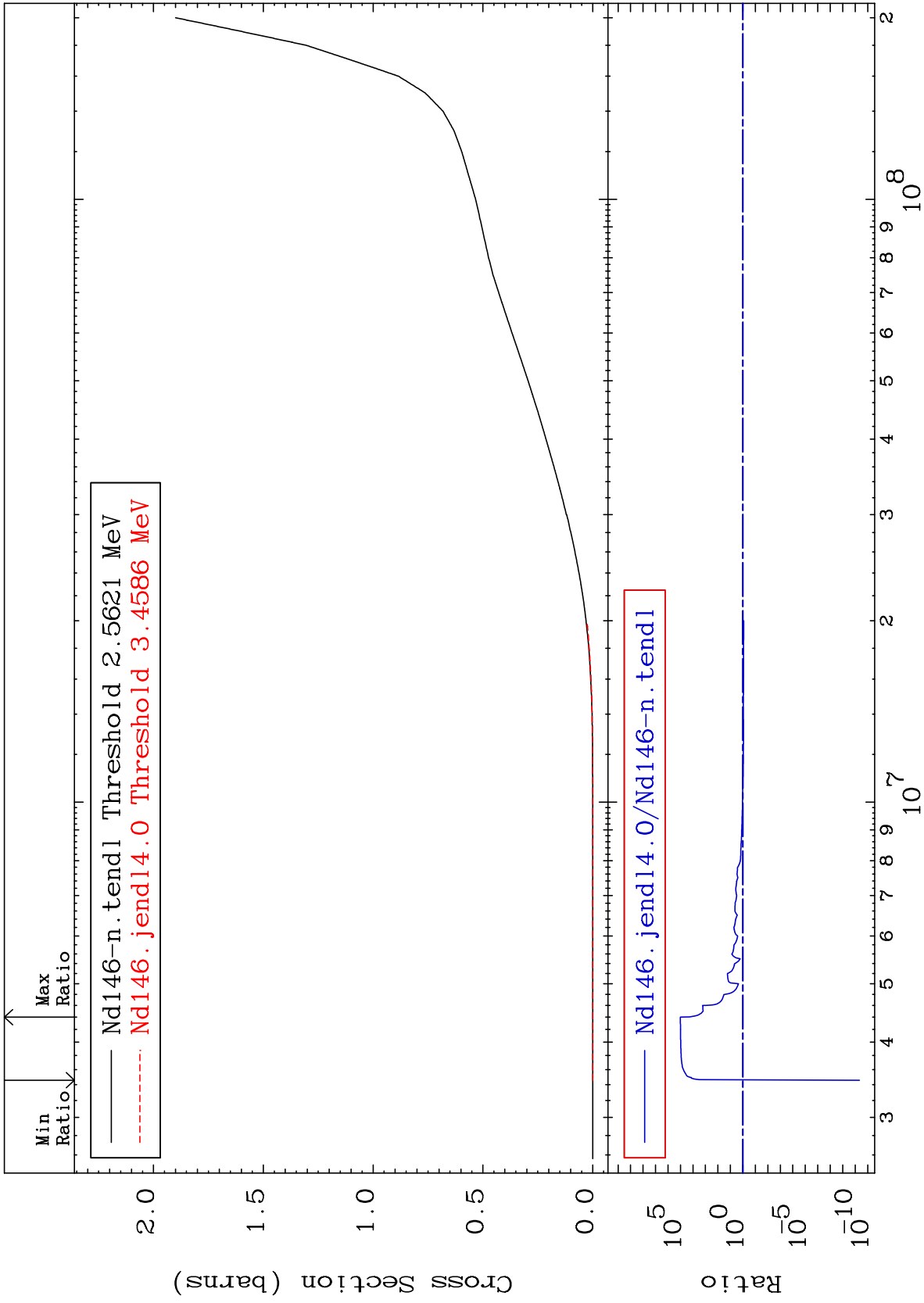
(n,  $\alpha$ )

60-Nd-146

Cross Section

-99.73 To 118.4 %



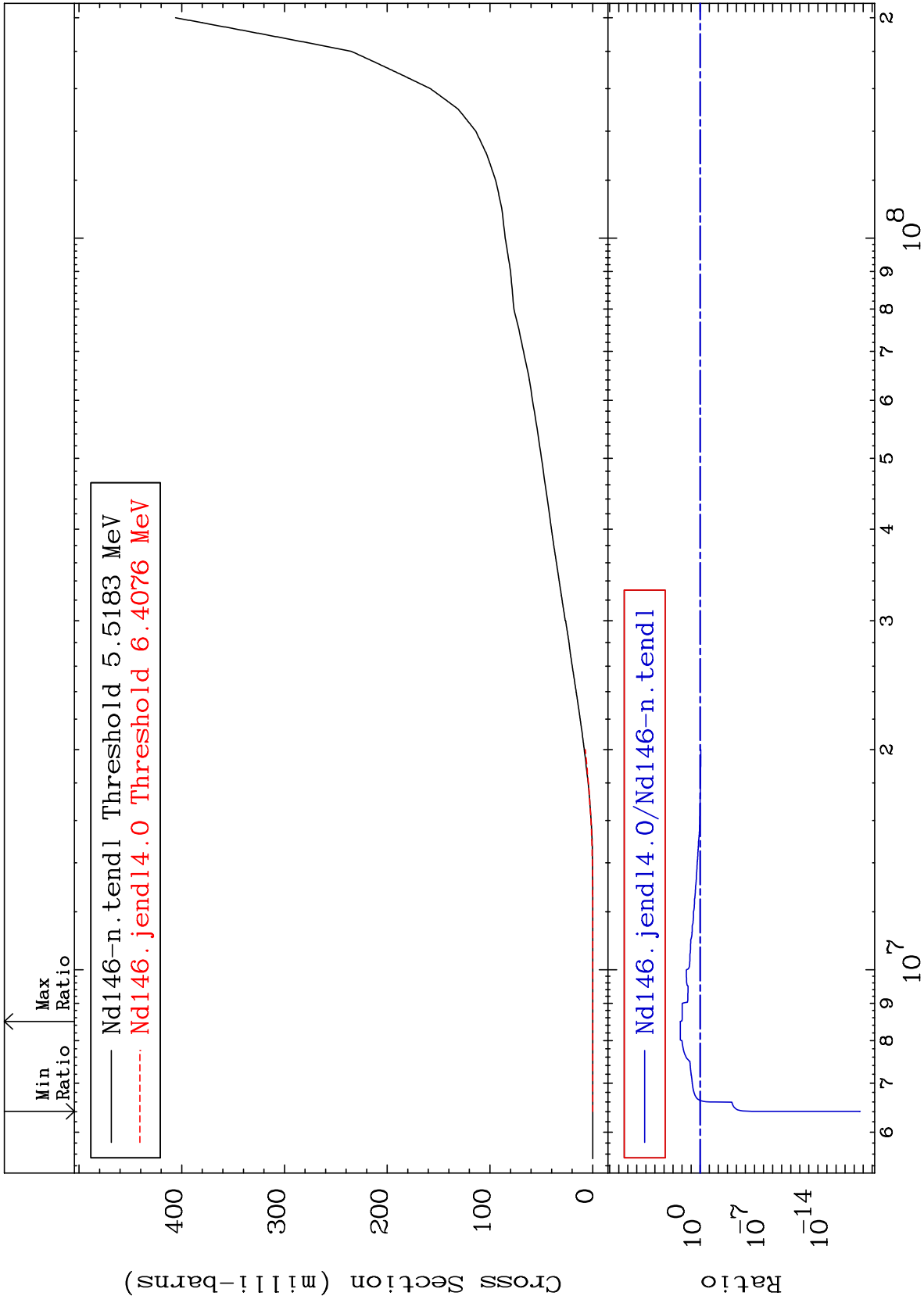




MAT 6037

Deuterium Production  
Cross Section

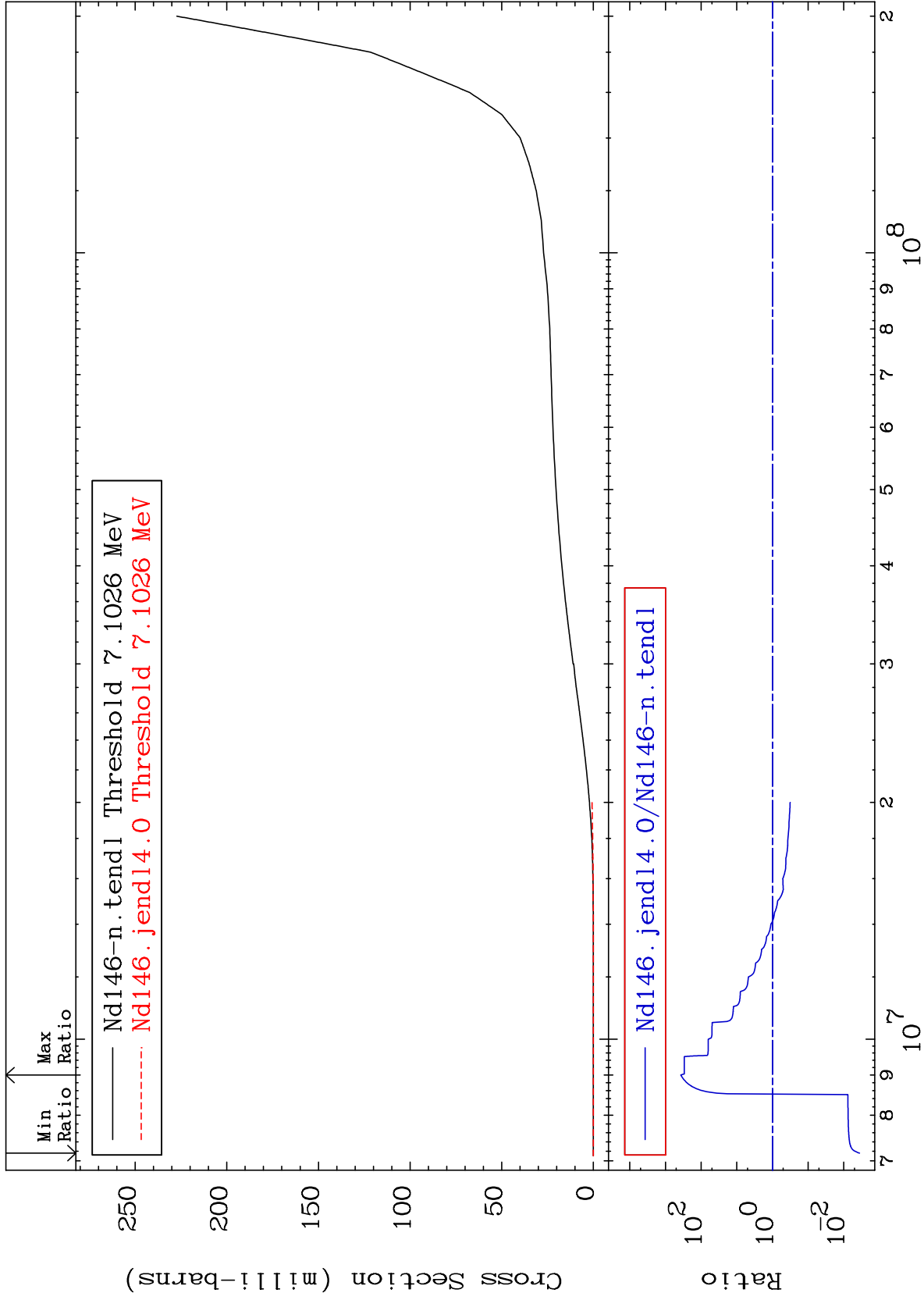
60-Nd-146  
-100.0 To 9999. %



MAT 6037

Tritium Production  
Cross Section

60-Nd-146  
-99.64 To 9999. %



50

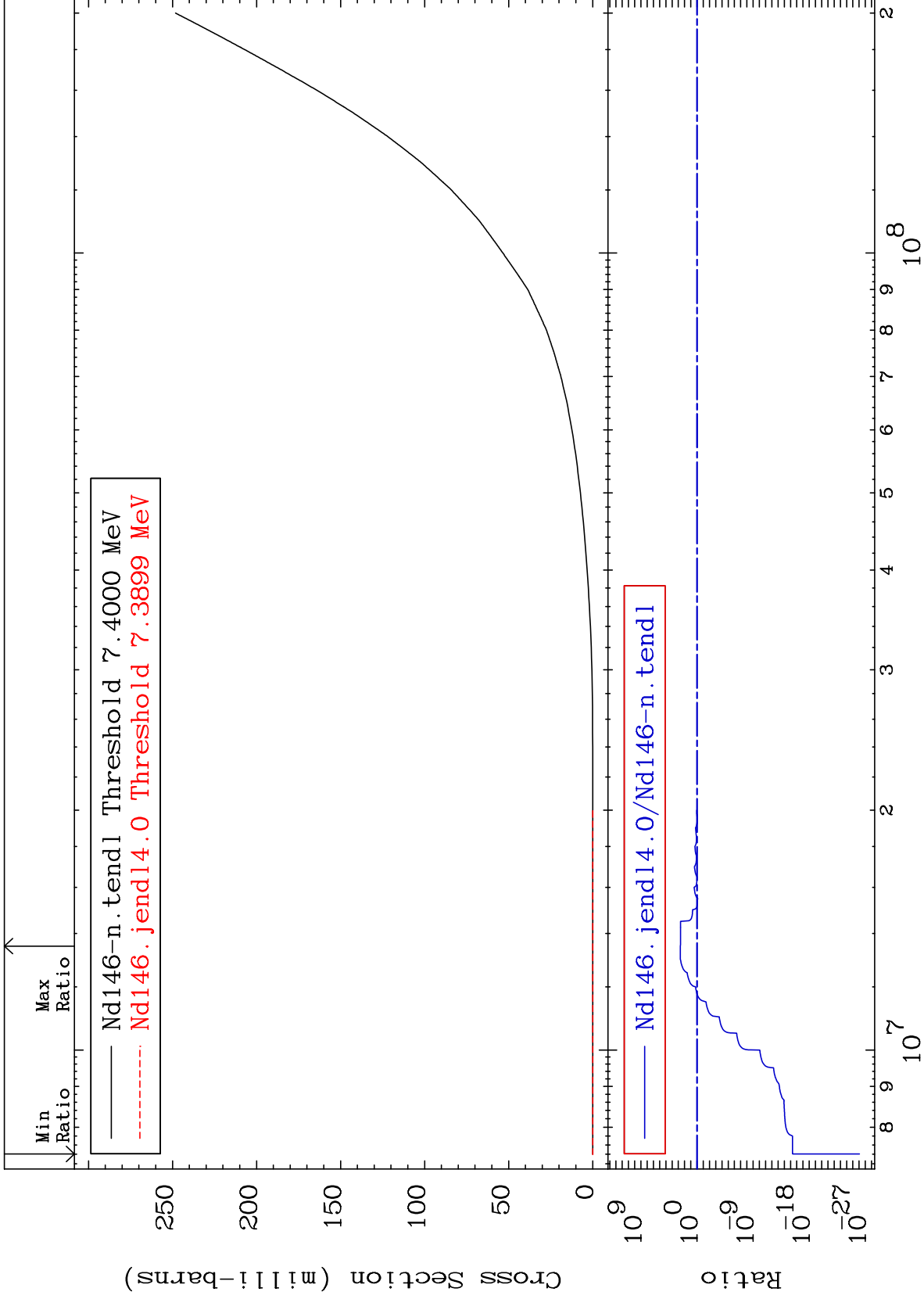
Incident Energy (eV)

60-Nd-146

MAT 6037

He-3 Production  
Cross Section

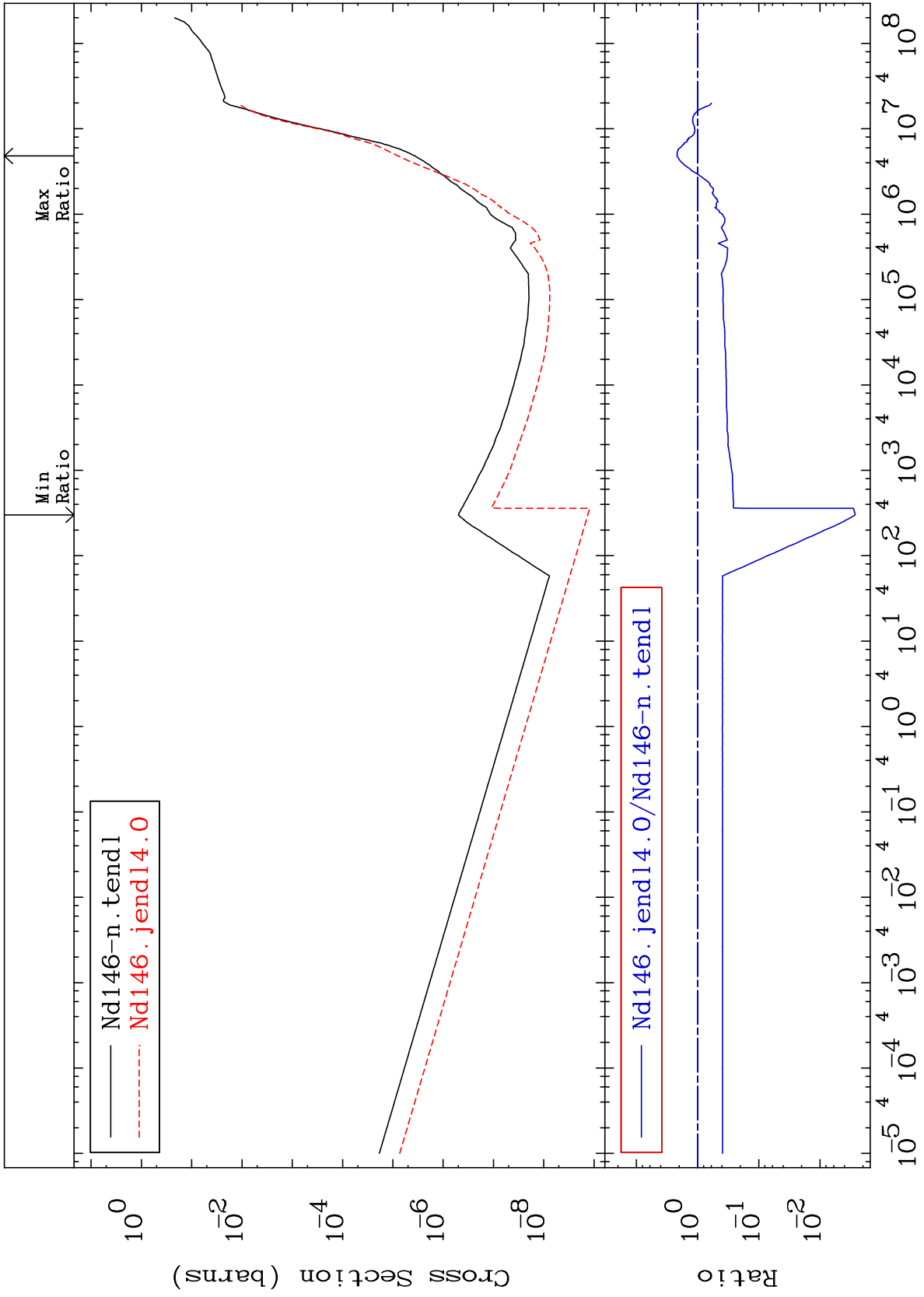
60-Nd-146  
-100.0 To 9999. %

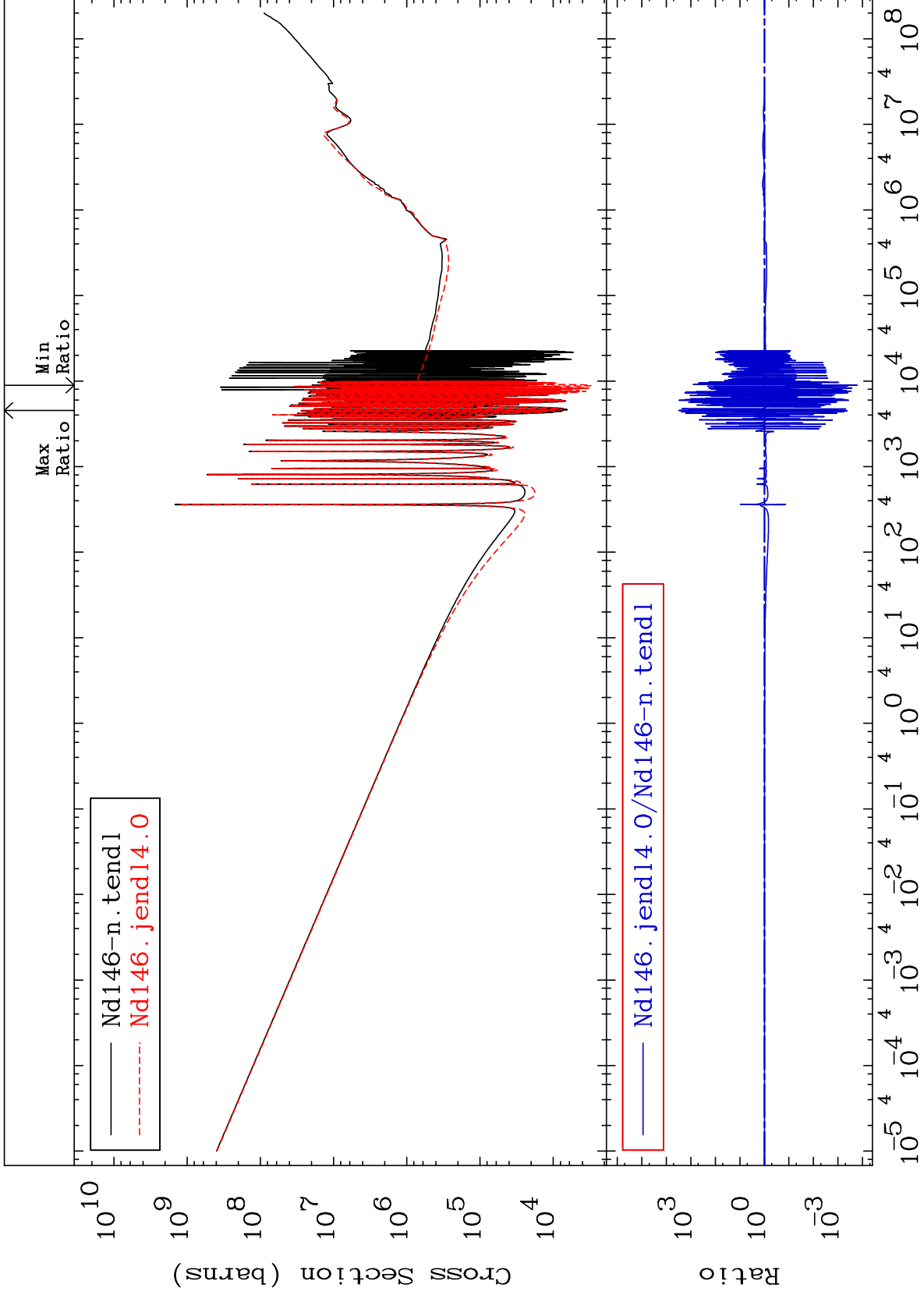


MAT 6037

He-4 Production  
Cross Section

60-Nd-146  
-99.73 To 117.9 %

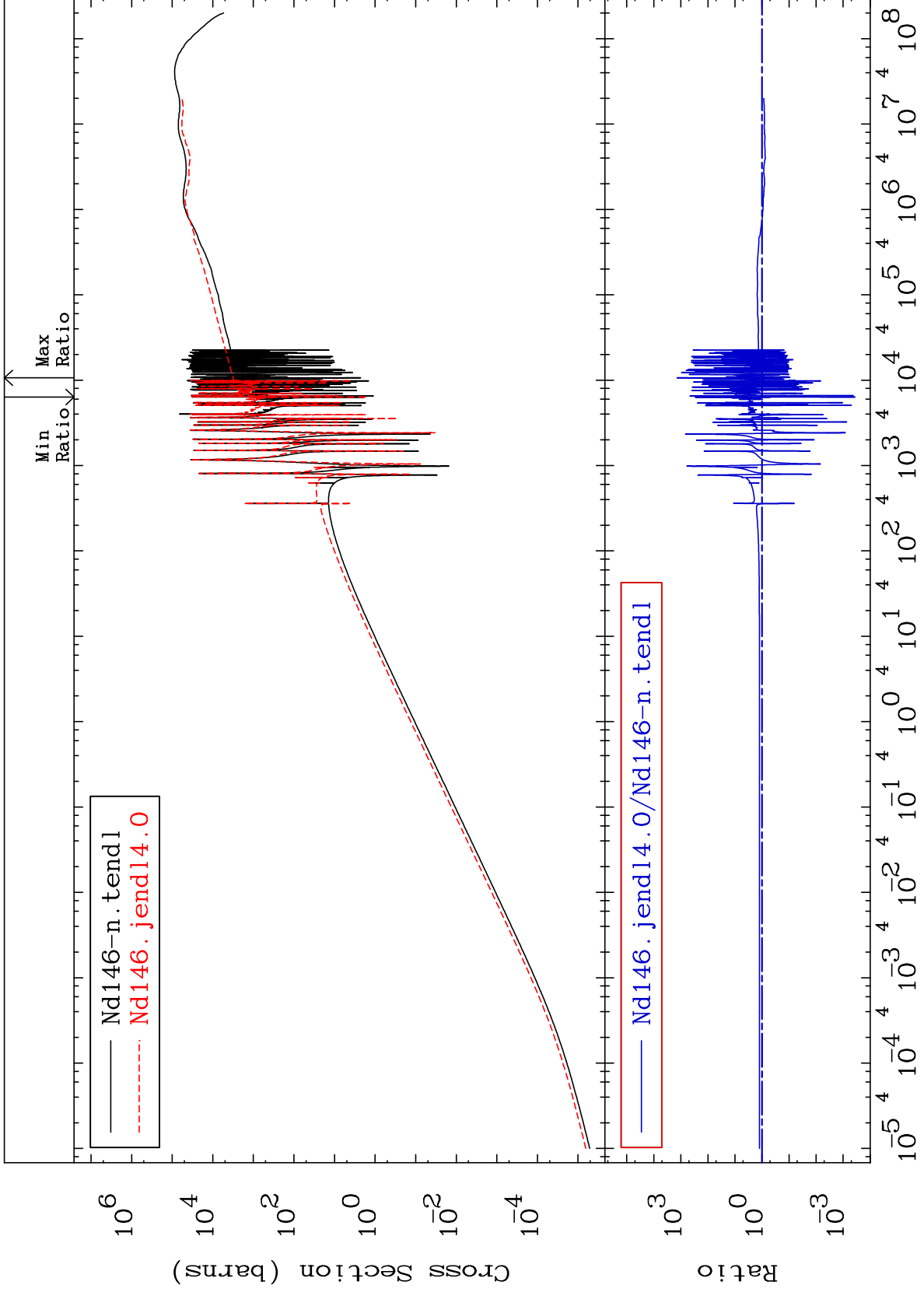




MAT 6037

Kerma elastic  
Cross Section

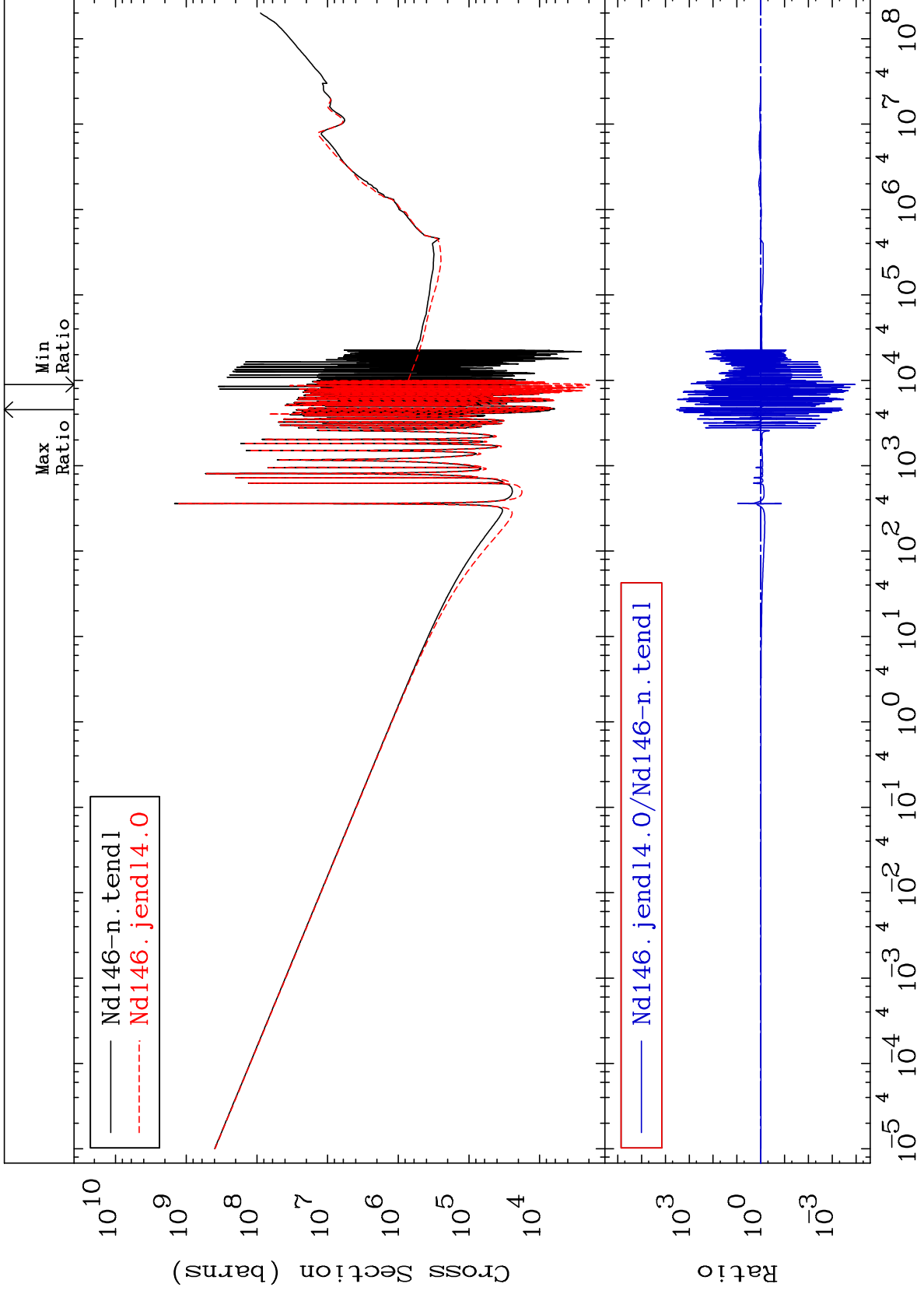
60-Nd-146  
-99.96 To 9999. %

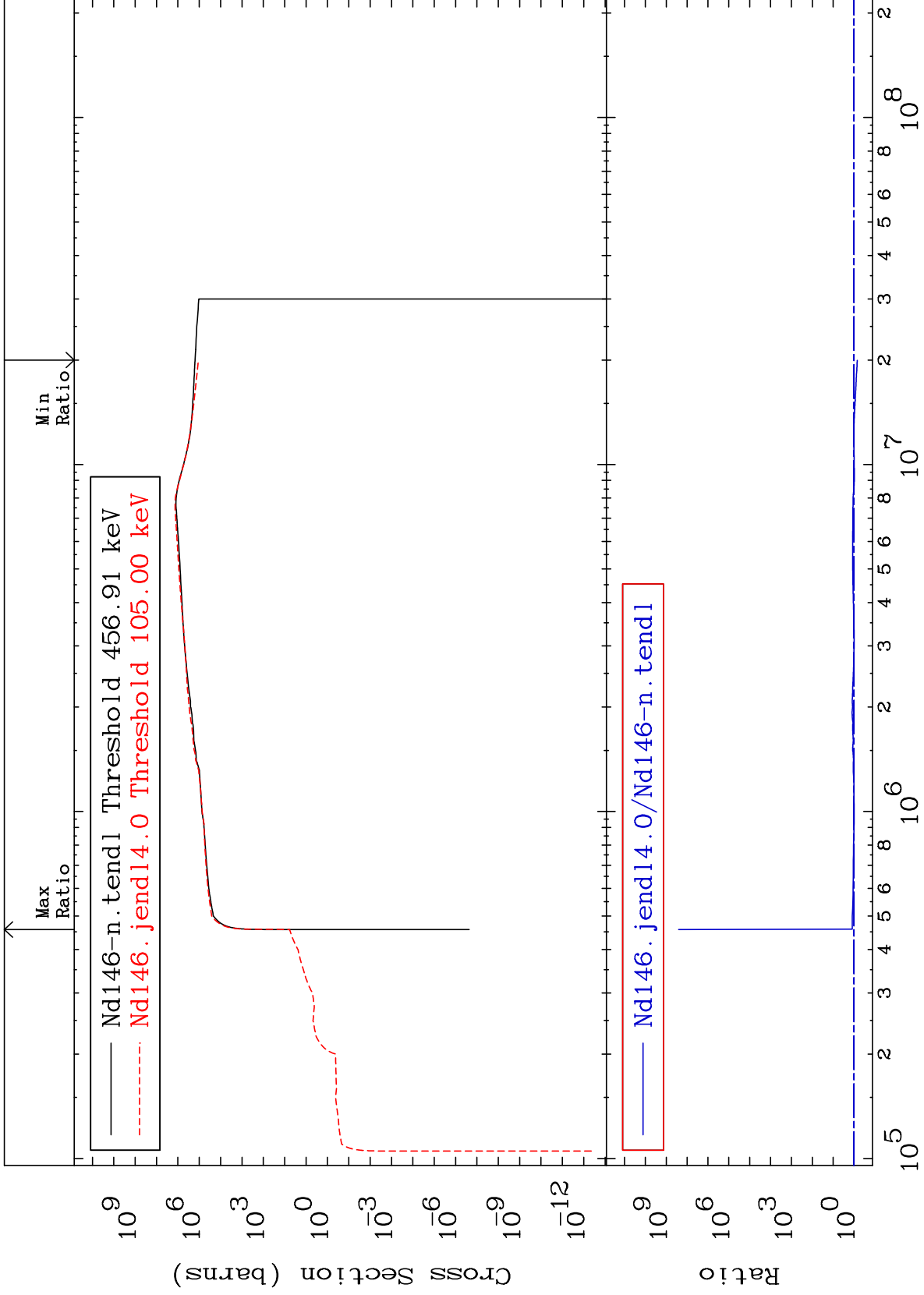


MAT 6037

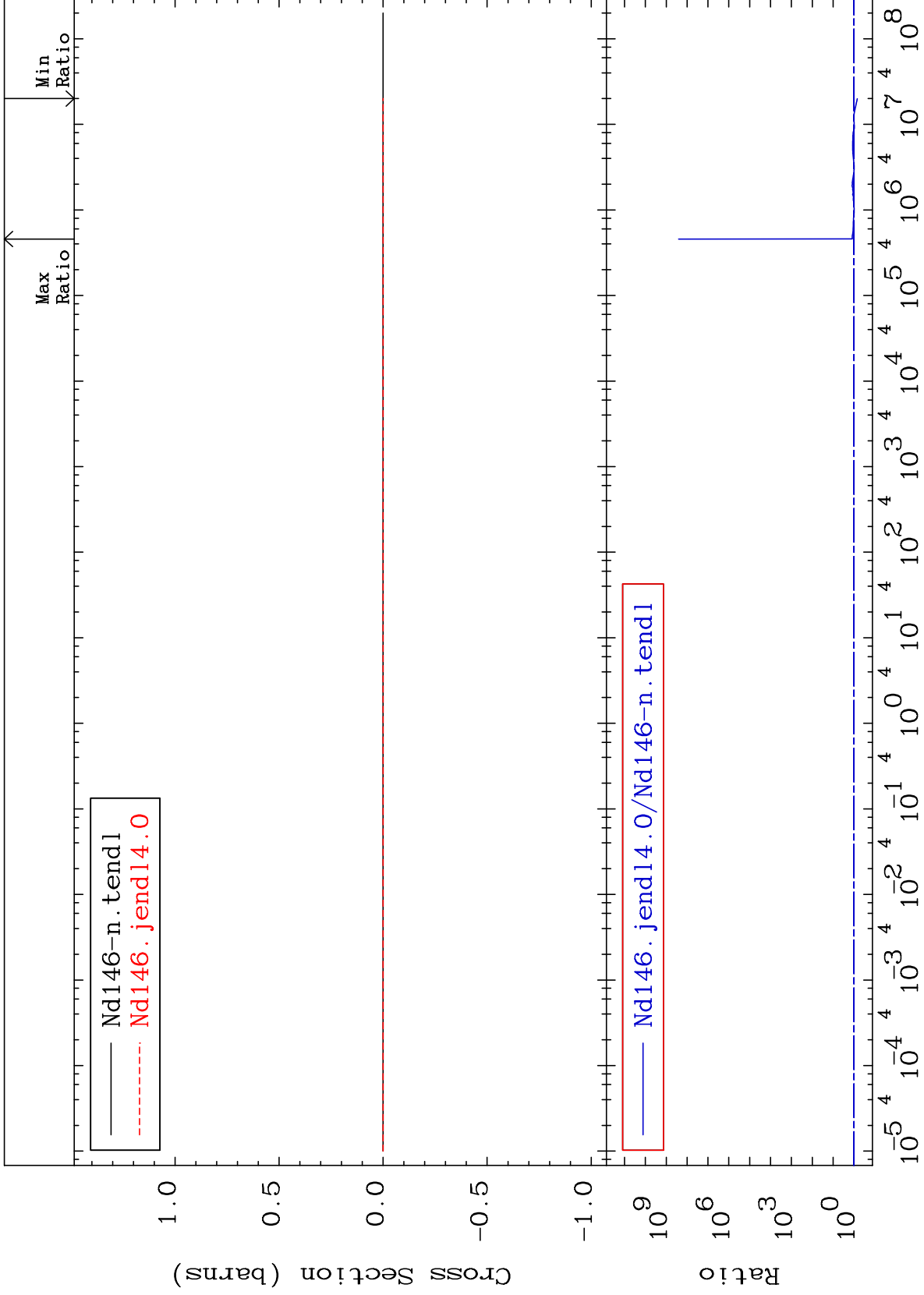
Kerma non-elastic (all but mt2)  
Cross Section

60-Nd-146  
-99.99 To 9999. %





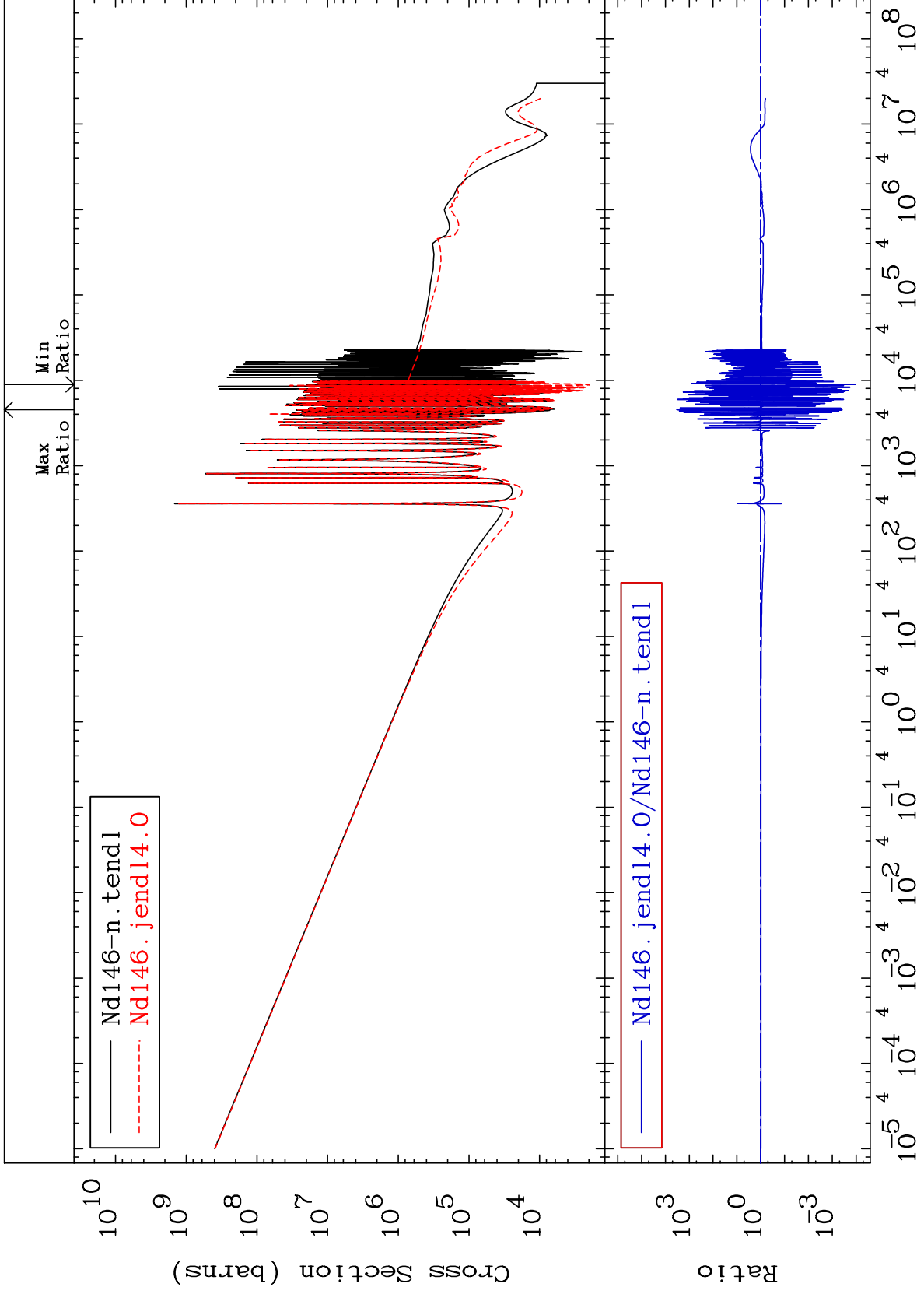




MAT 6037

Kerma capture (mt102)  
Cross Section

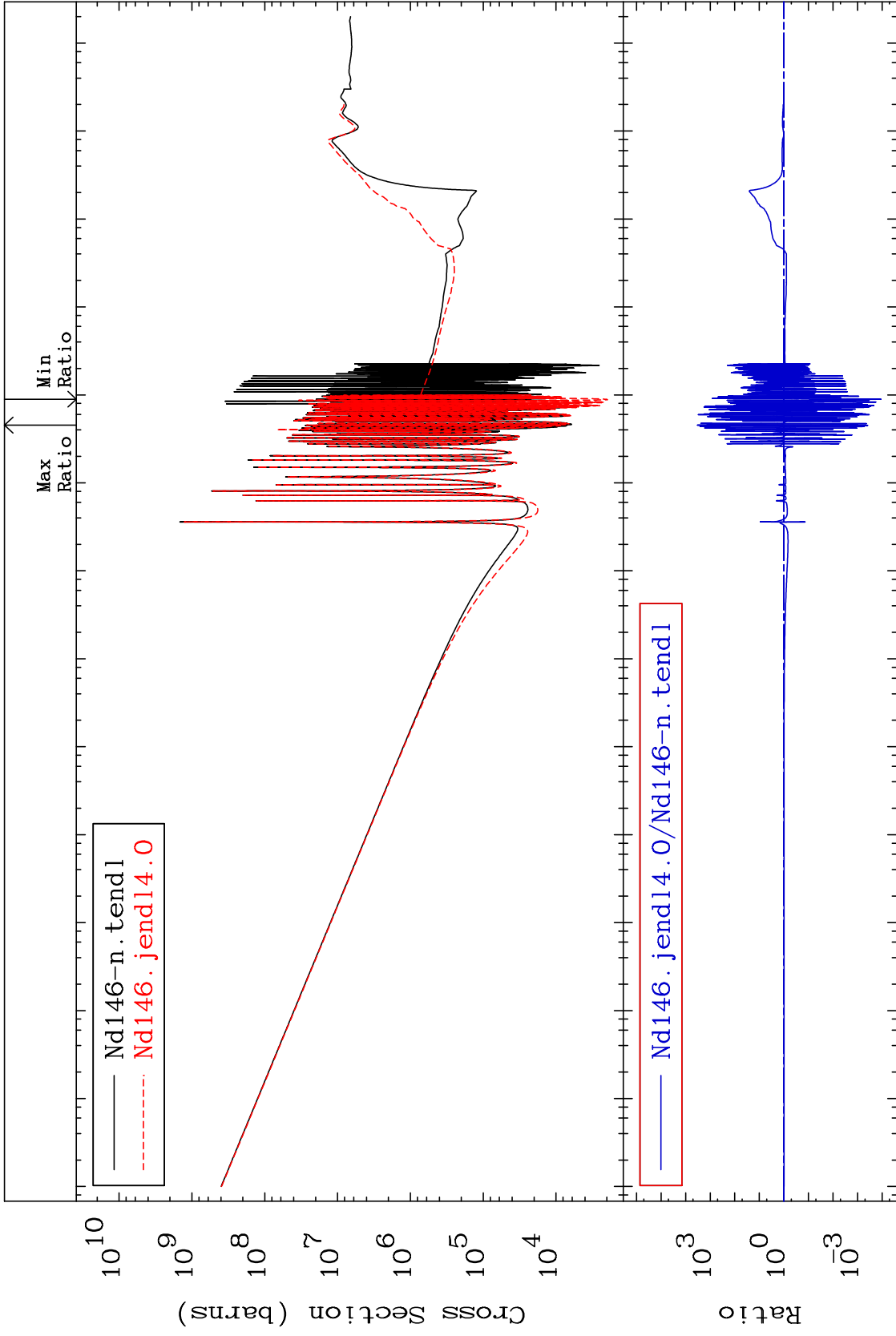
60-Nd-146  
-99.99 To 9999. %



MAT 6037

Total photon (eV-barns)  
Cross Section

60-Nd-146  
-99.99 To 9999. %



59

Incident Energy (eV)

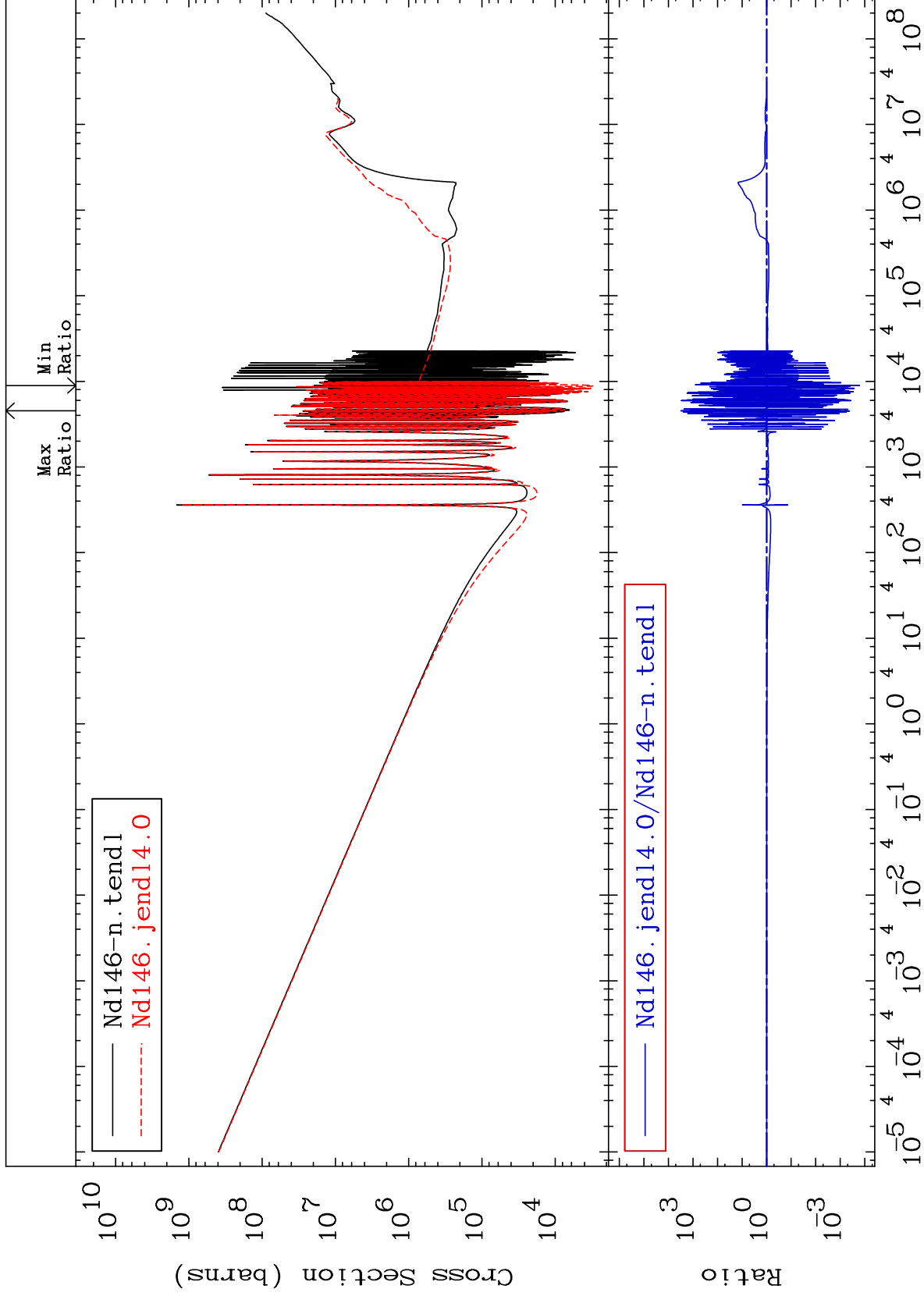
60-Nd-146

MAT 6037

Total kinematic kerma (high limit)  
Cross Section

60-Nd-146

-99.98 To 9999. %



60

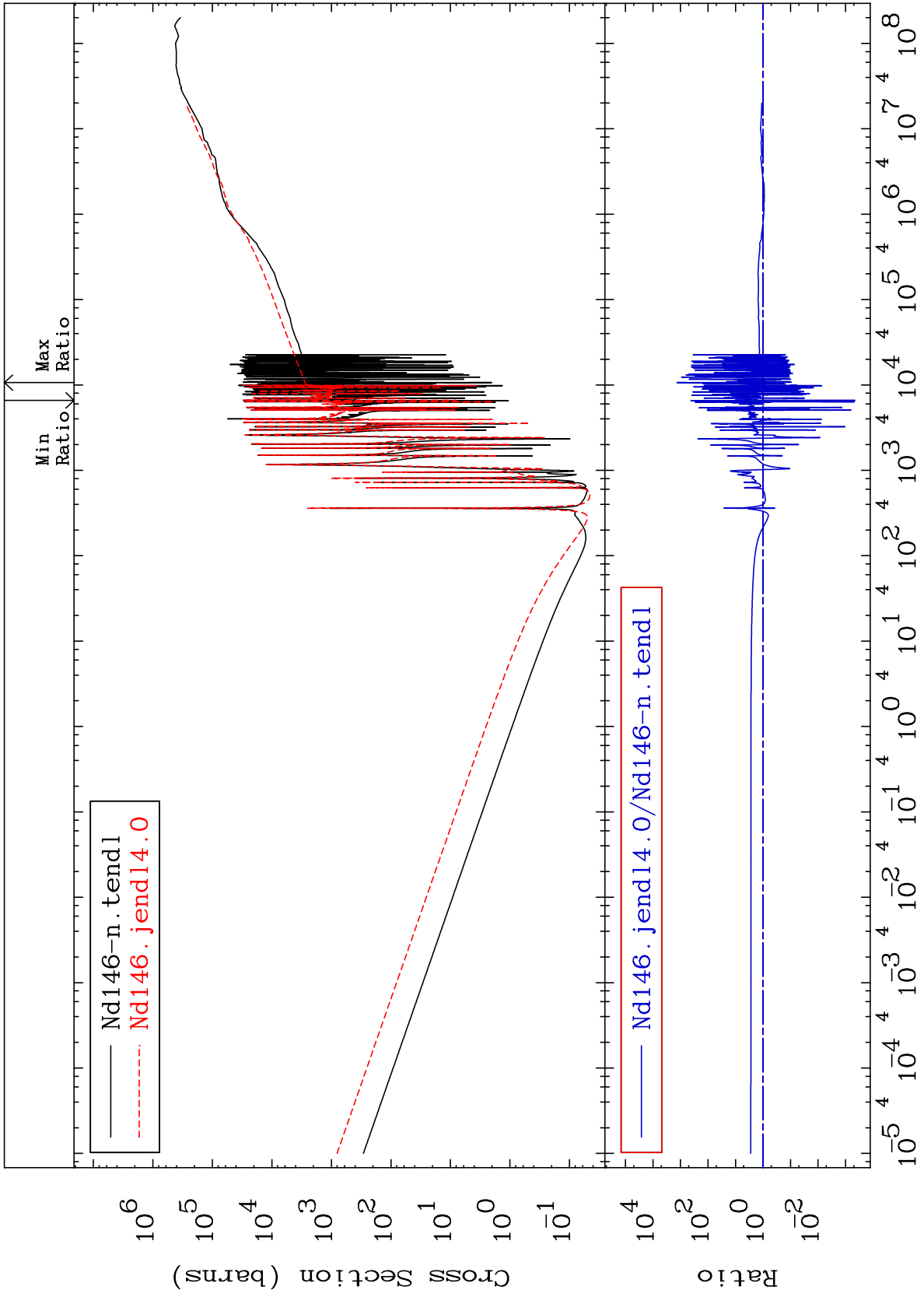
Incident Energy (eV)

60-Nd-146

MAT 6037

Dpa total (eV-barns)  
Cross Section

60-Nd-146  
-99.96 To 9999. %



61

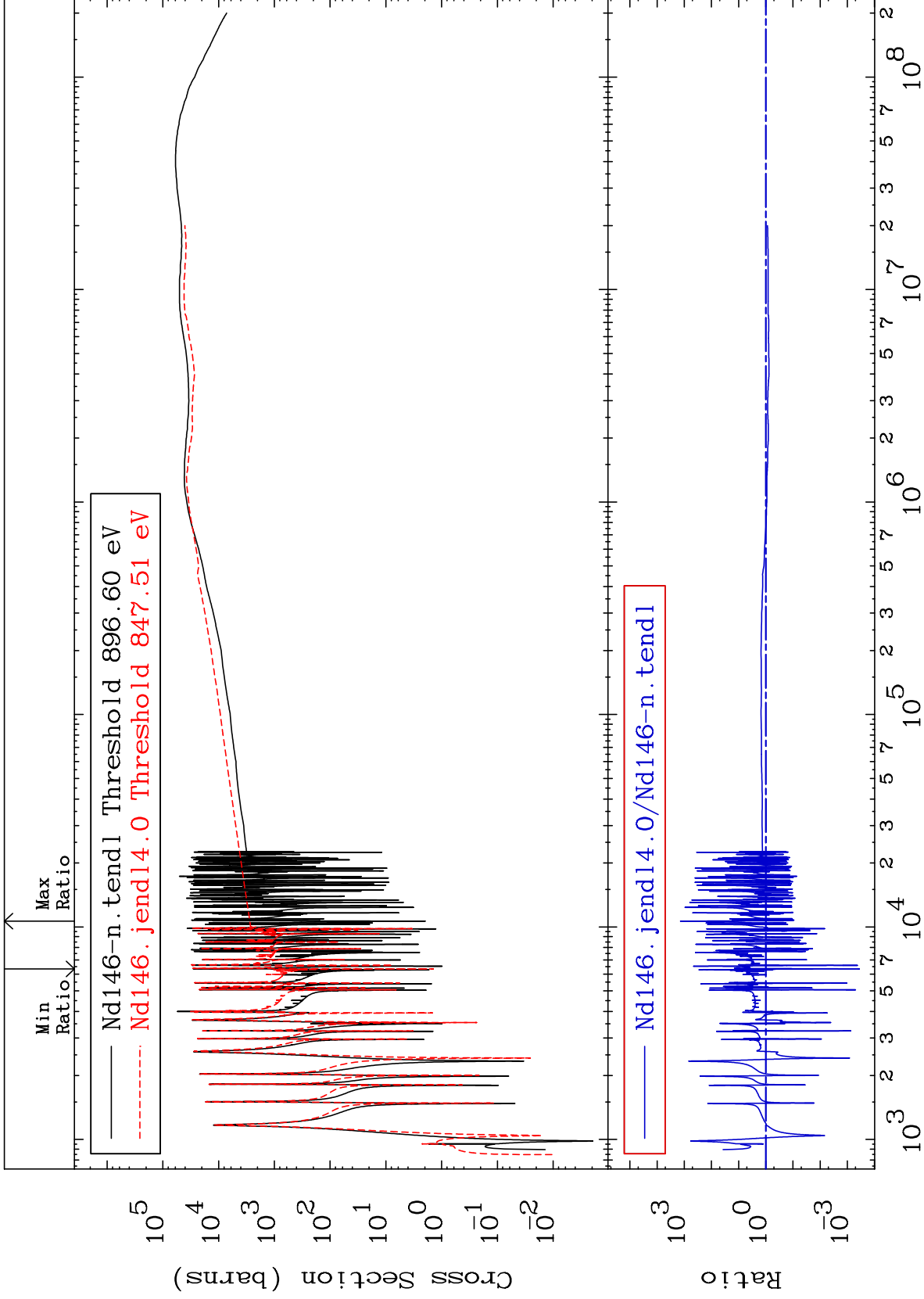
Incident Energy (eV)

60-Nd-146

MAT 6037

Dpa elastic (mt2)  
Cross Section

60-Nd-146  
-99.96 To 9999. %



62

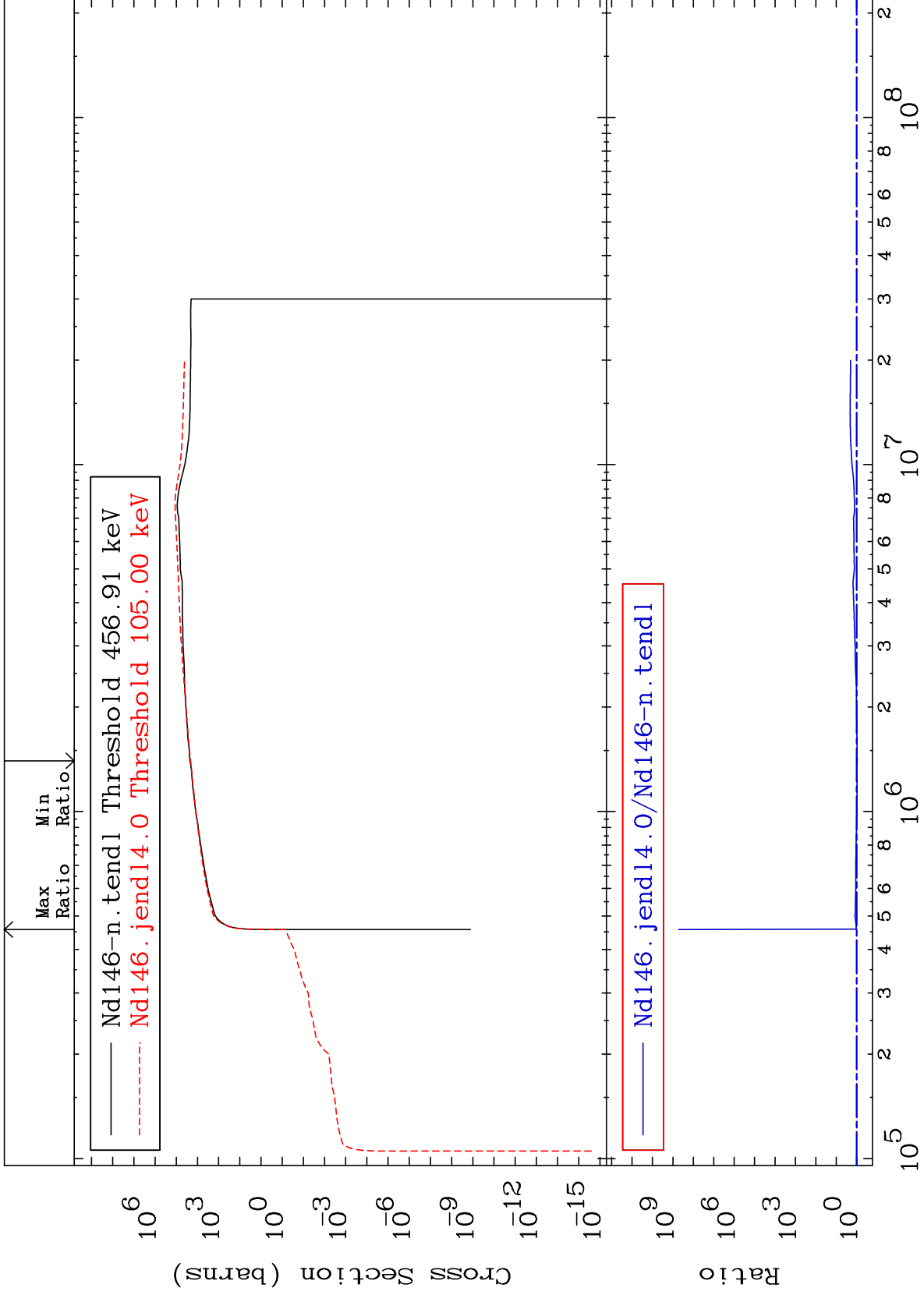
Incident Energy (eV)

60-Nd-146

MAT 6037

Dpa inelastic (mt51-91)  
Cross Section

60-Nd-146  
-6.246 To 9999. %



63

Incident Energy (eV)

60-Nd-146

