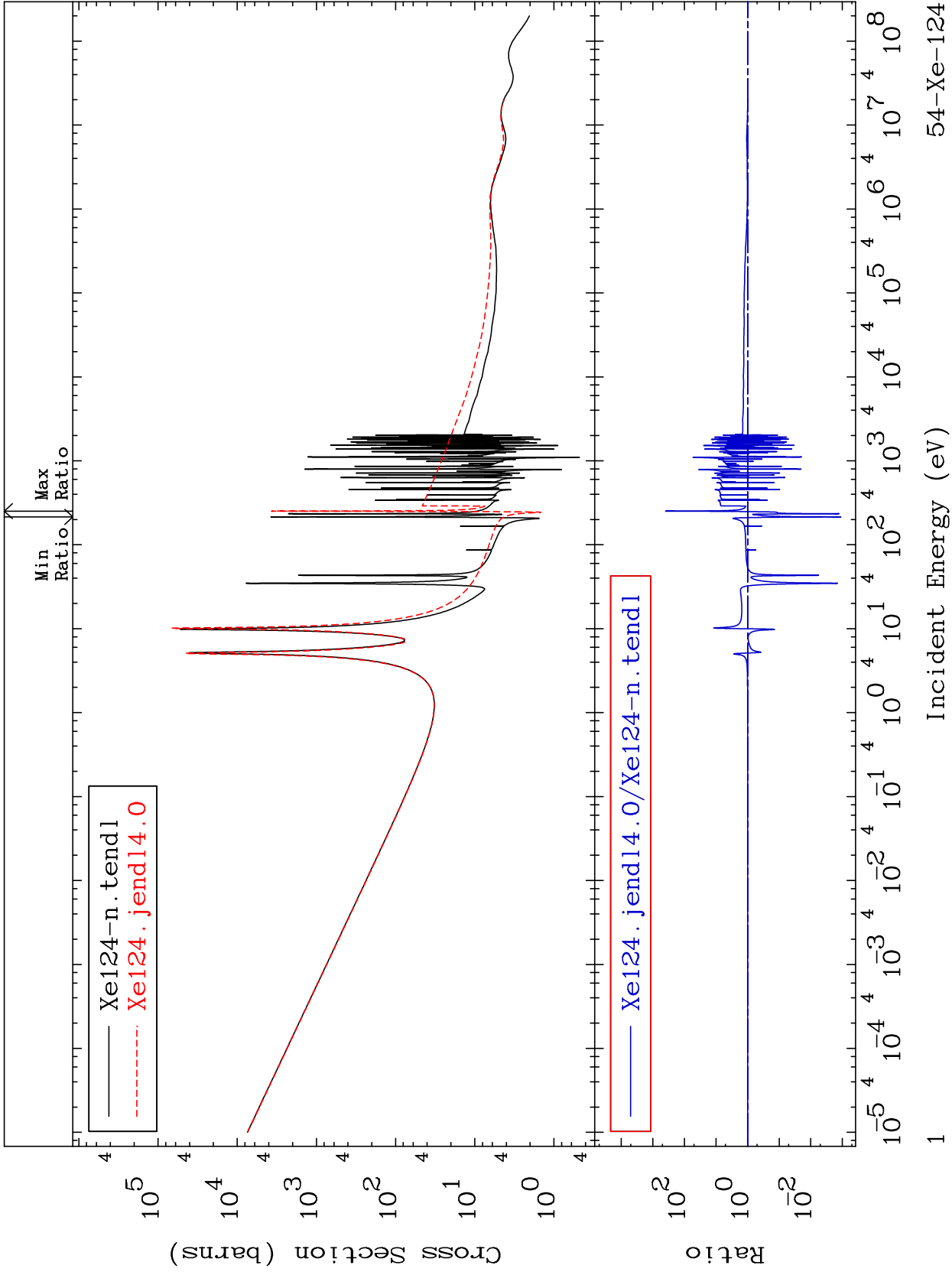


MAT 5425

Total Cross Section  
54-Xe-124  
-99.89 To 9999. %



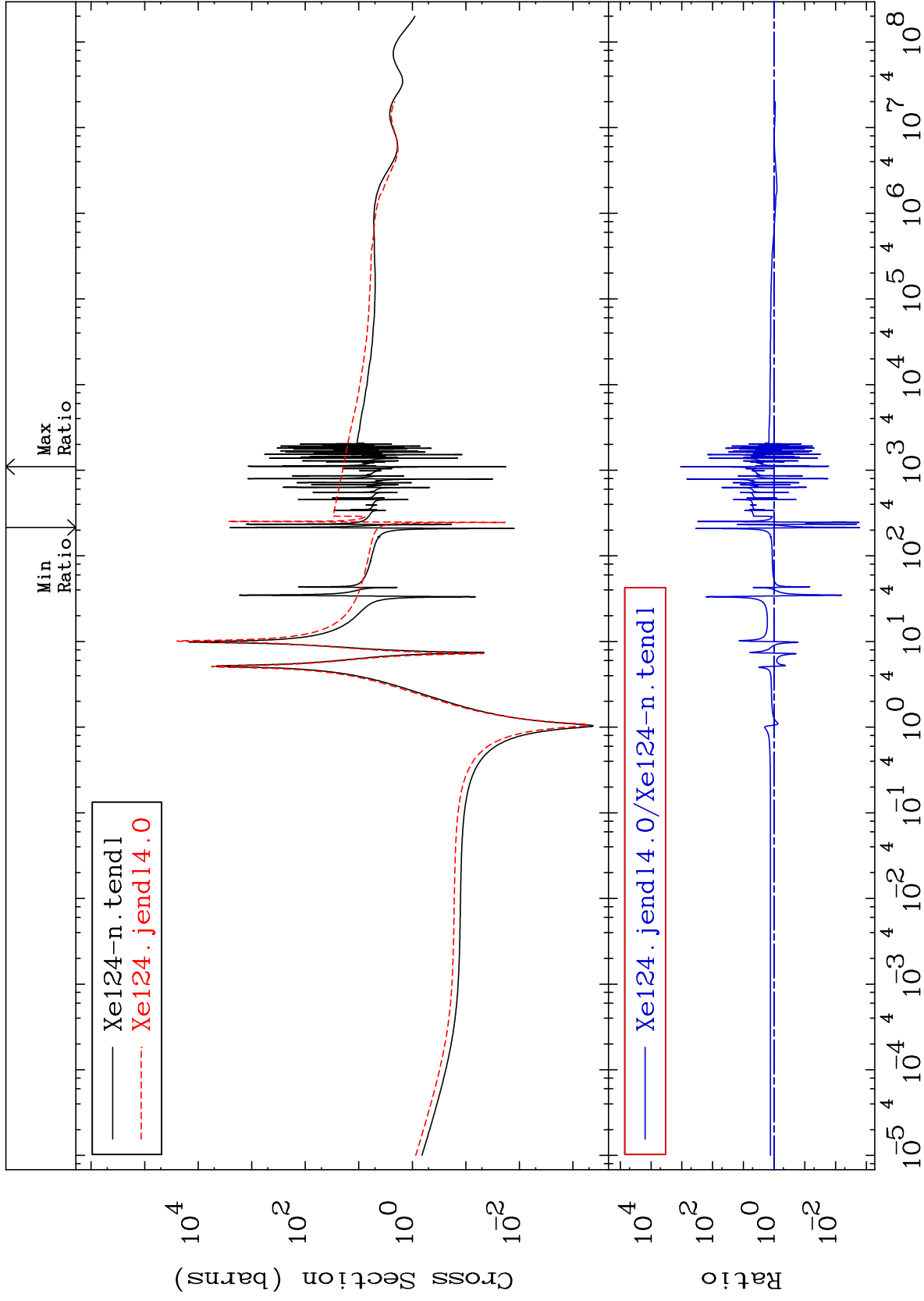
MAT 5425

Elastic

54-Xe-124

Cross Section

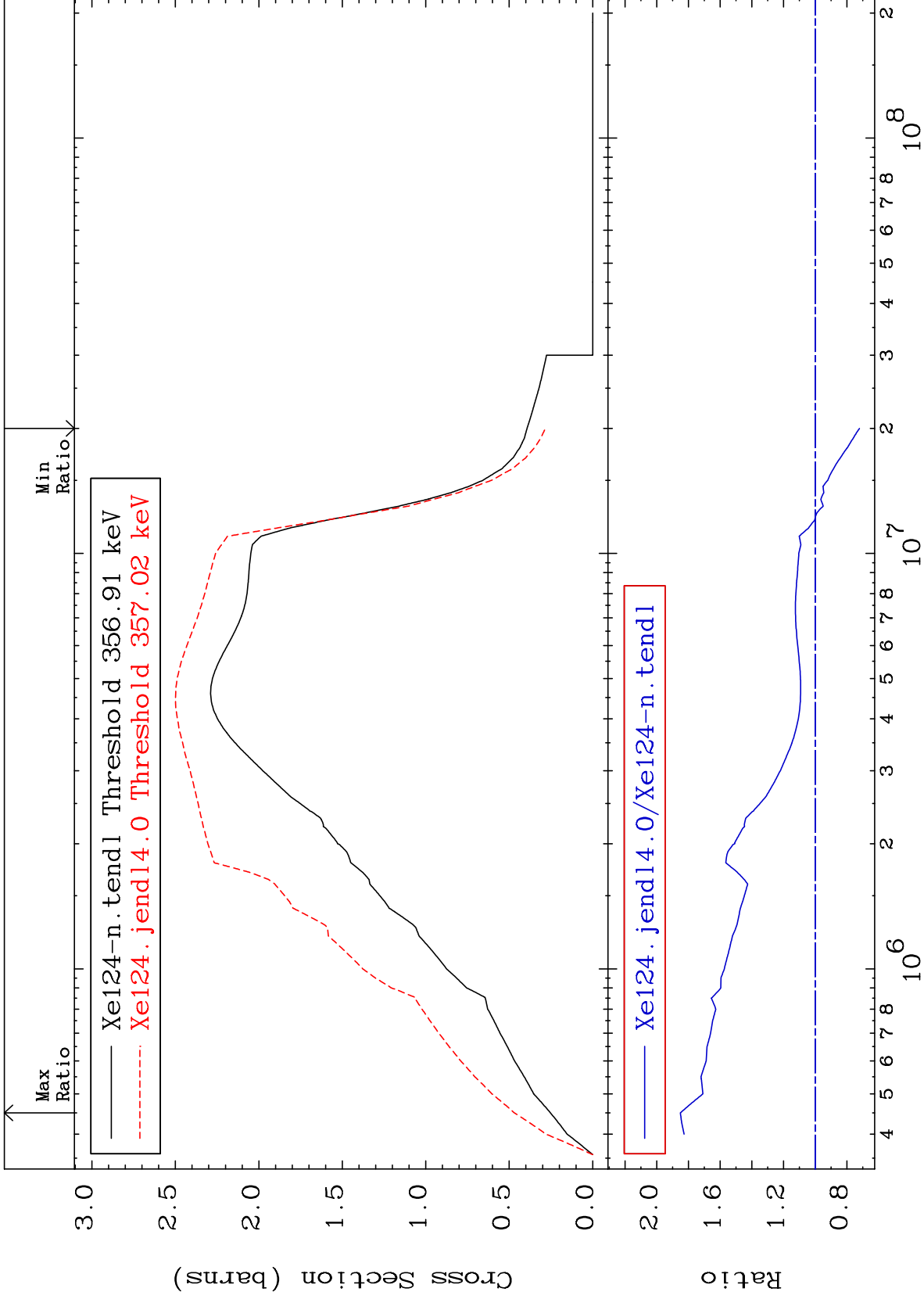
-99.83 To 9999. %



MAT 5425

Inelastic  
Cross Section

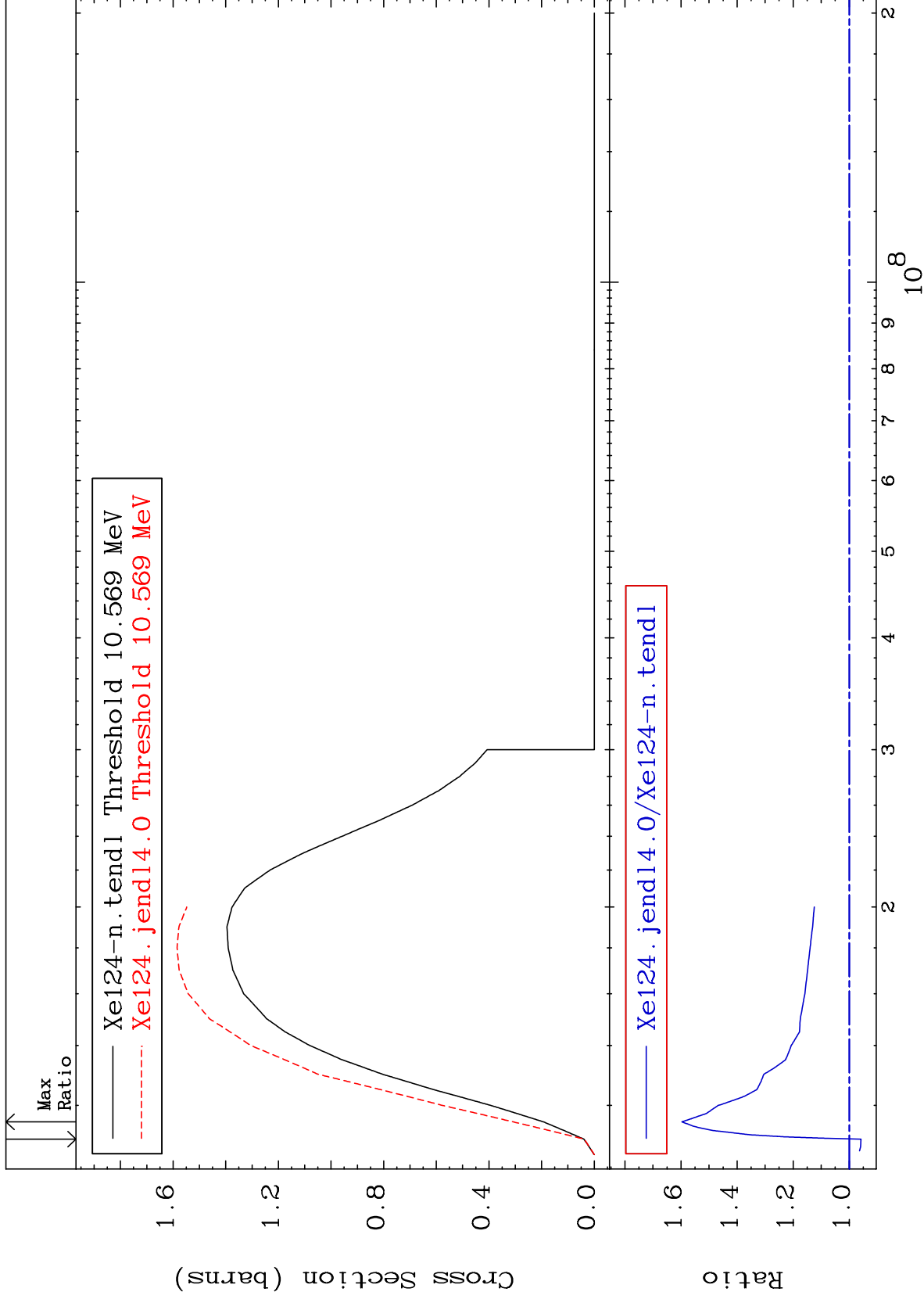
54-Xe-124  
-27.92 To 85.14 %



MAT 5425

(n,2n)  
Cross Section

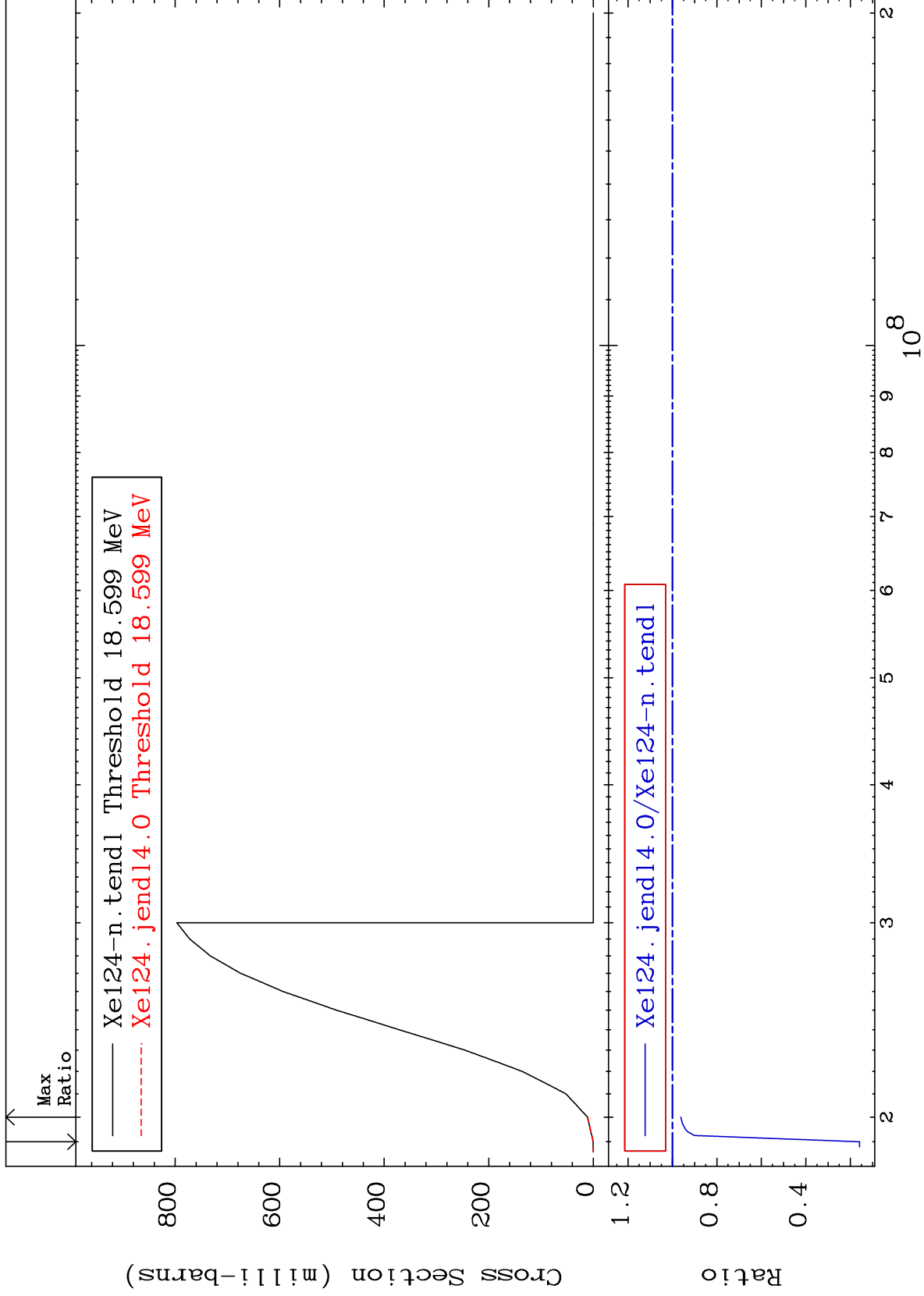
54-Xe-124  
-4.191 To 59.67 %



MAT 5425

(n,3n)  
Cross Section

54-Xe-124  
-84.14 To -3.749%



5

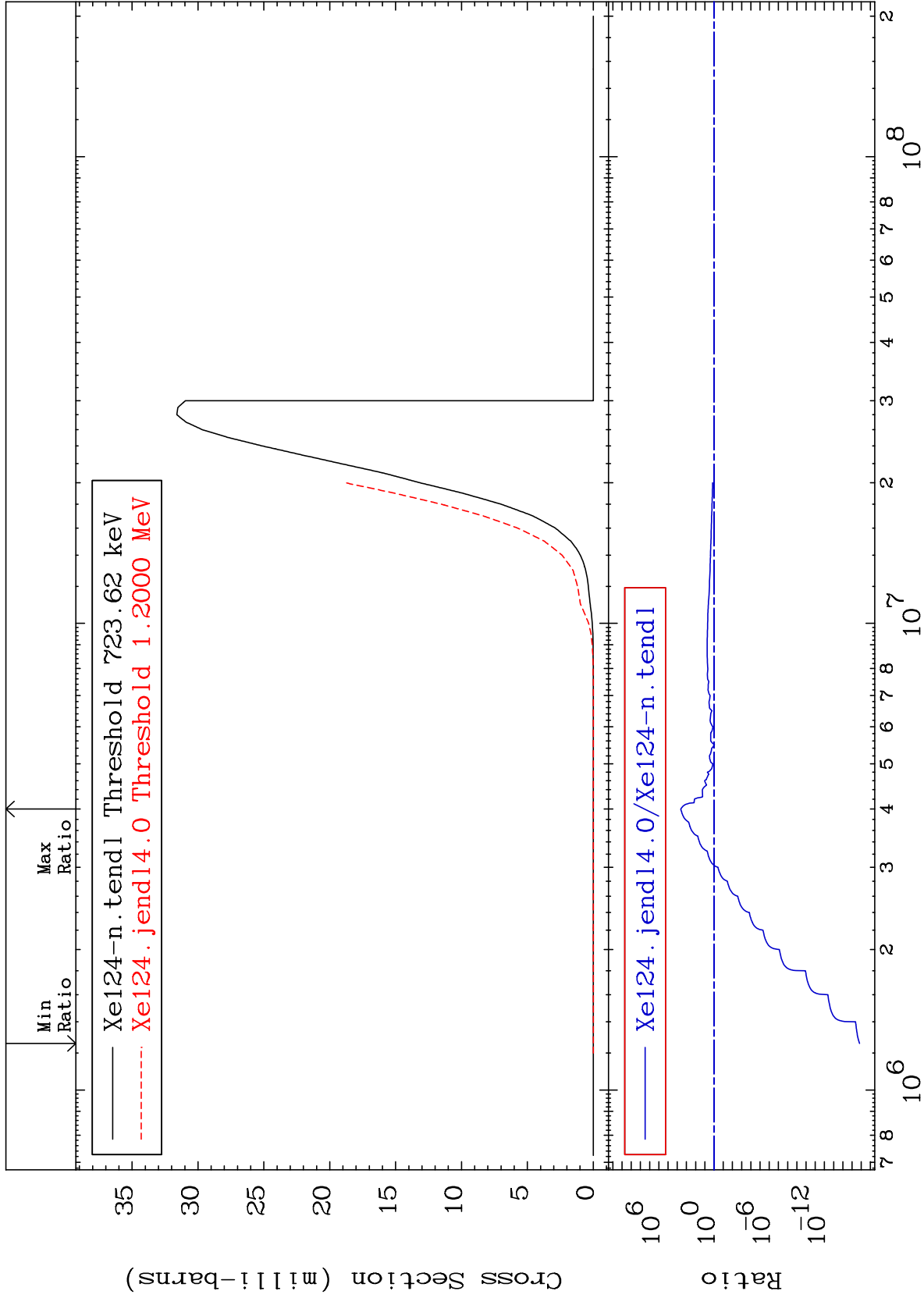
Incident Energy (eV)

54-Xe-124

MAT 5425

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

54-Xe-124  
-100.0 To 9999. %



Incident Energy (eV)

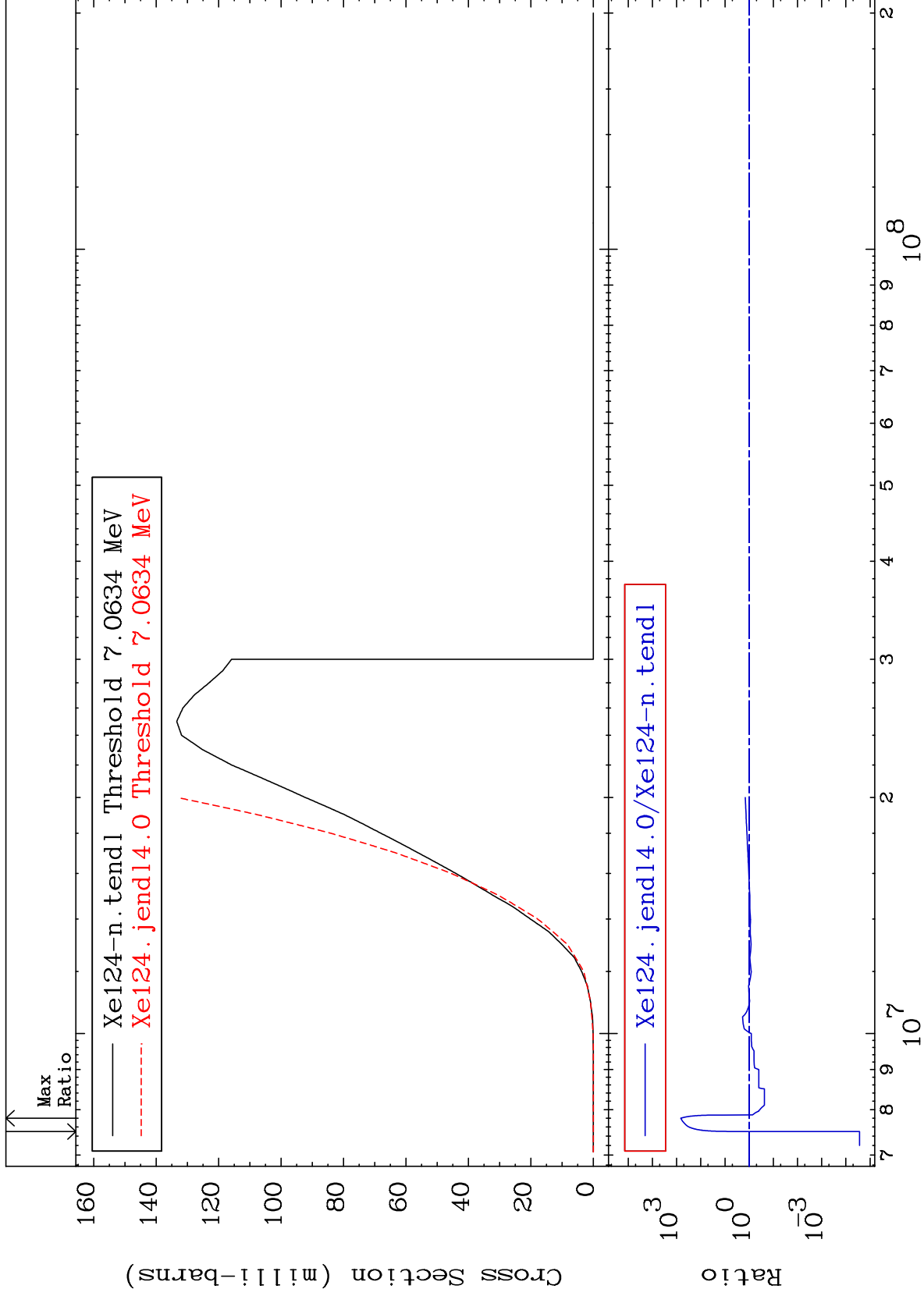
54-Xe-124

6

MAT 5425

(n,n') p  
Cross Section

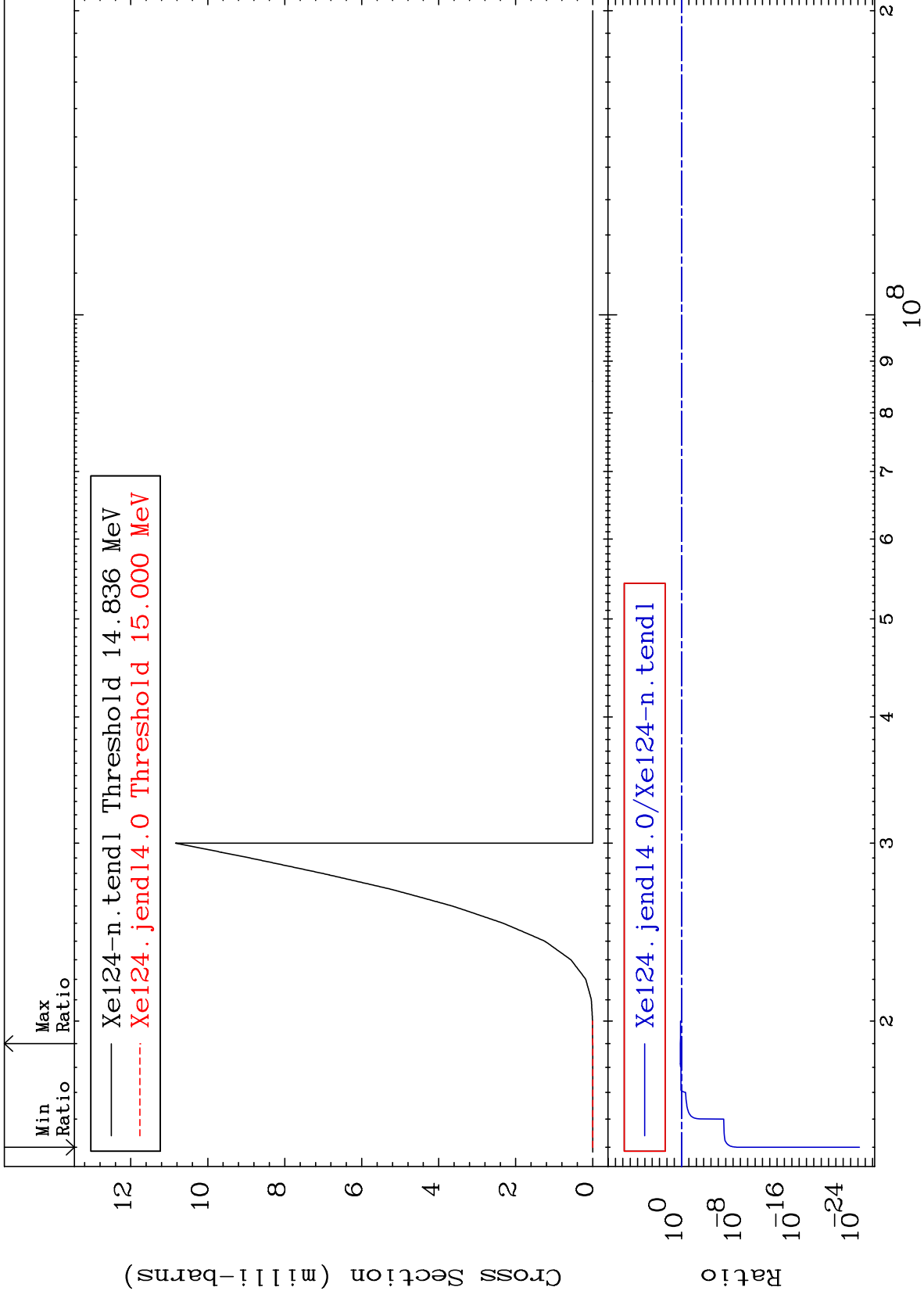
54-Xe-124  
-100.0 To 9999. %



7

Incident Energy (eV)

54-Xe-124

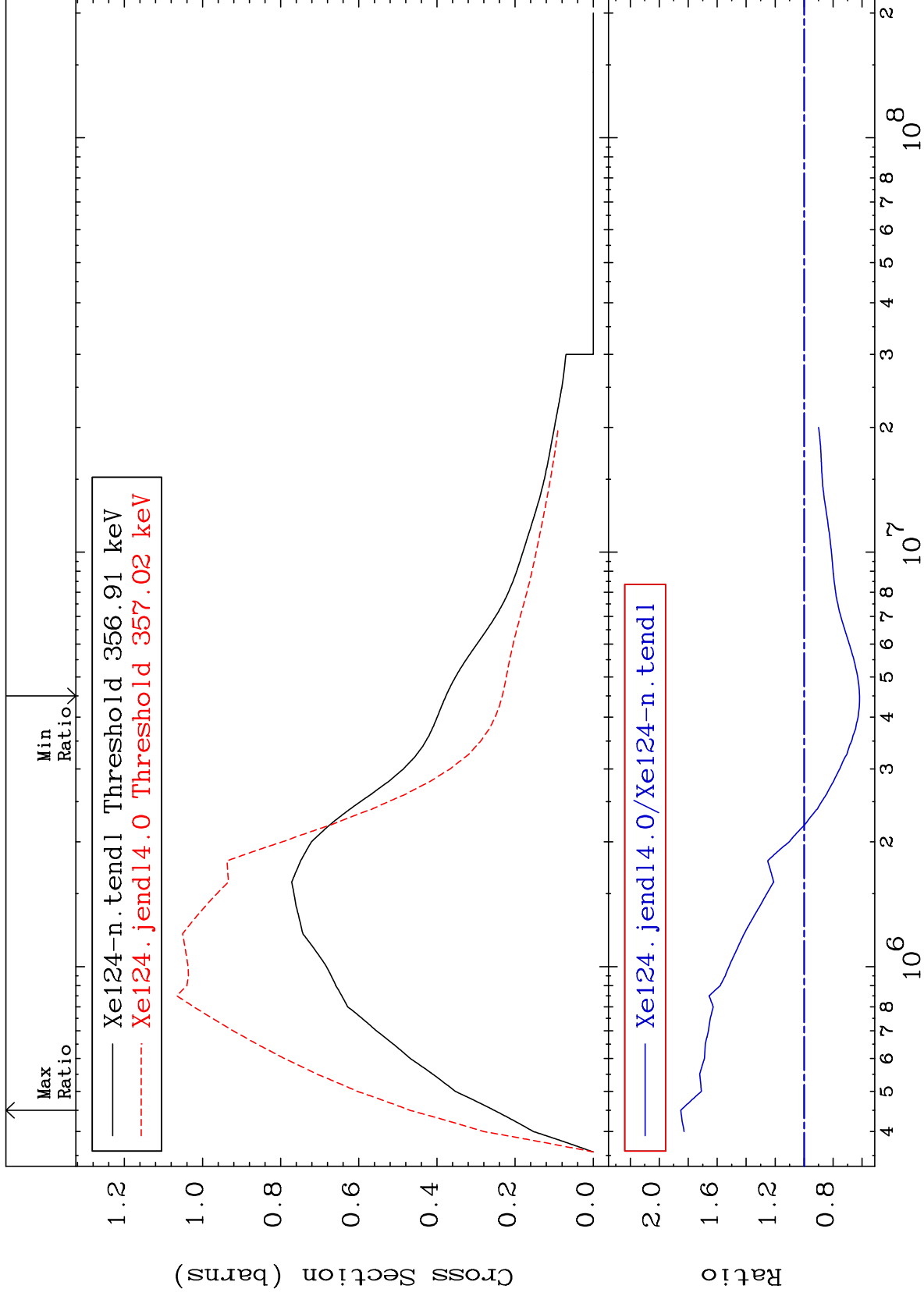




MAT 5425

354.0 keV (n,n') Level  
Cross Section

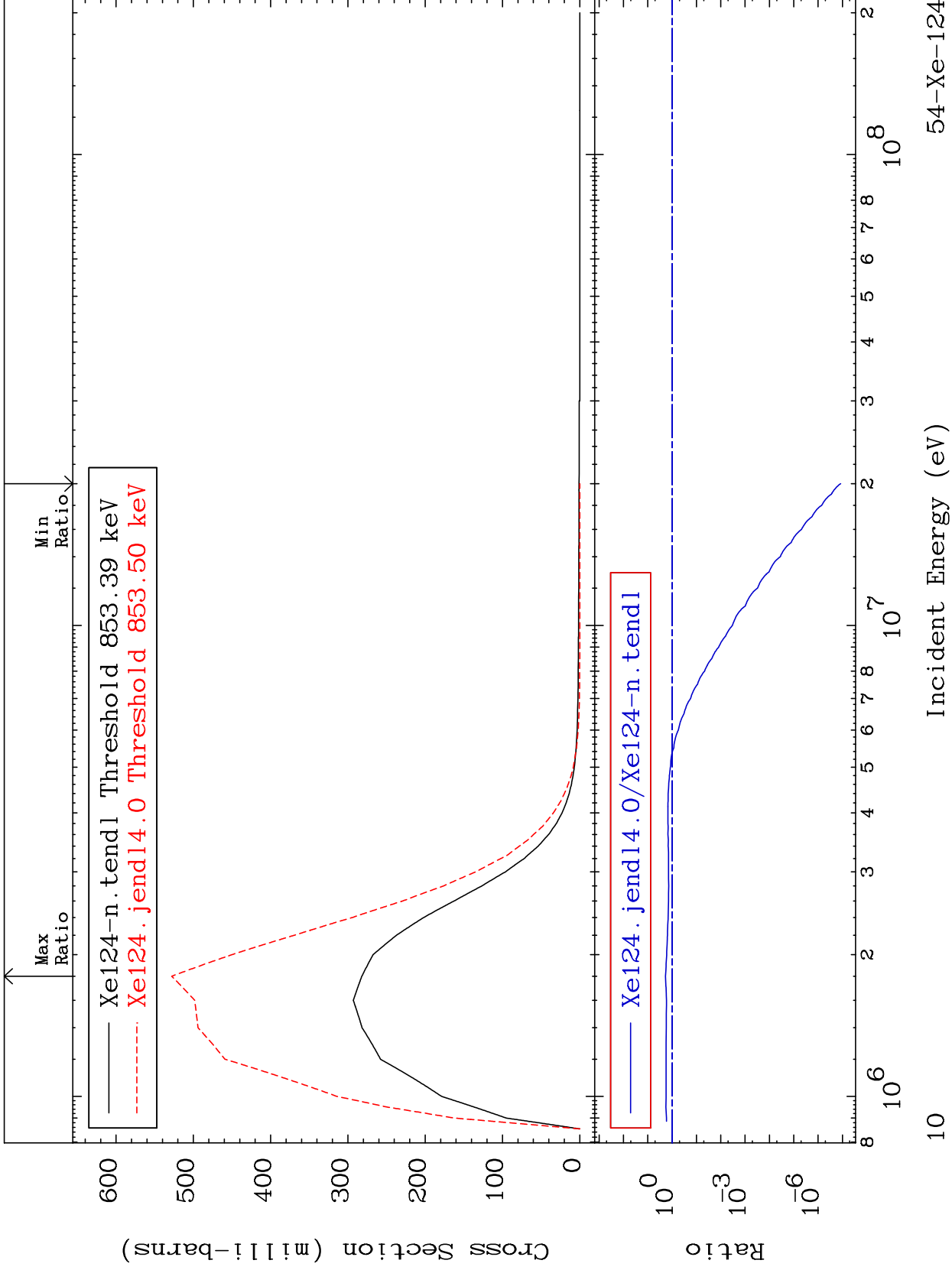
54-Xe-124  
-38.25 To 85.14 %



MAT 5425

846.5 keV (n,n') Level  
Cross Section

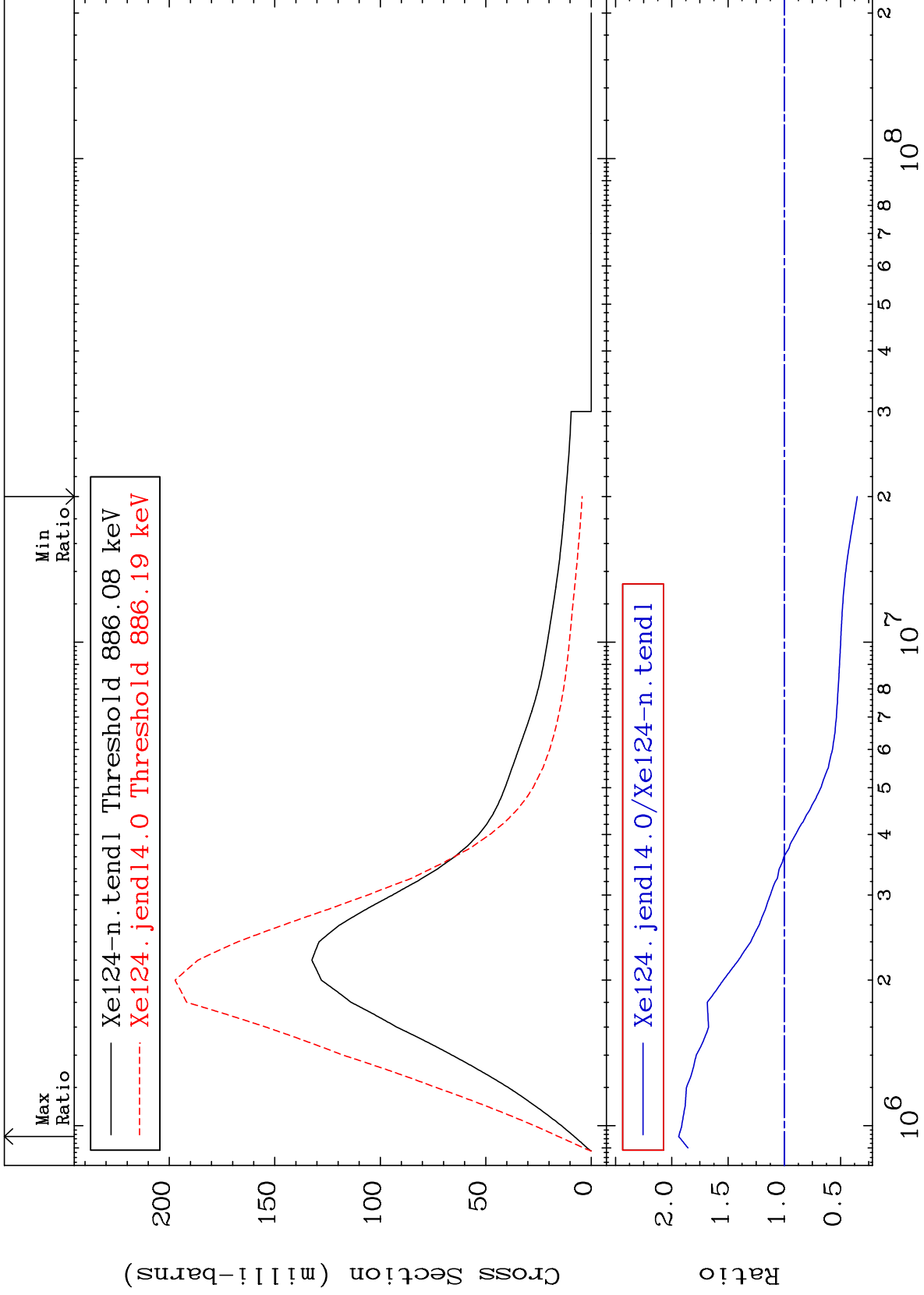
54-Xe-124  
-100.0 To 87.27 %



MAT 5425

878.9 keV (n,n') Level  
Cross Section

54-Xe-124  
-64.85 To 93.90 %



11

Incident Energy (eV)

54-Xe-124

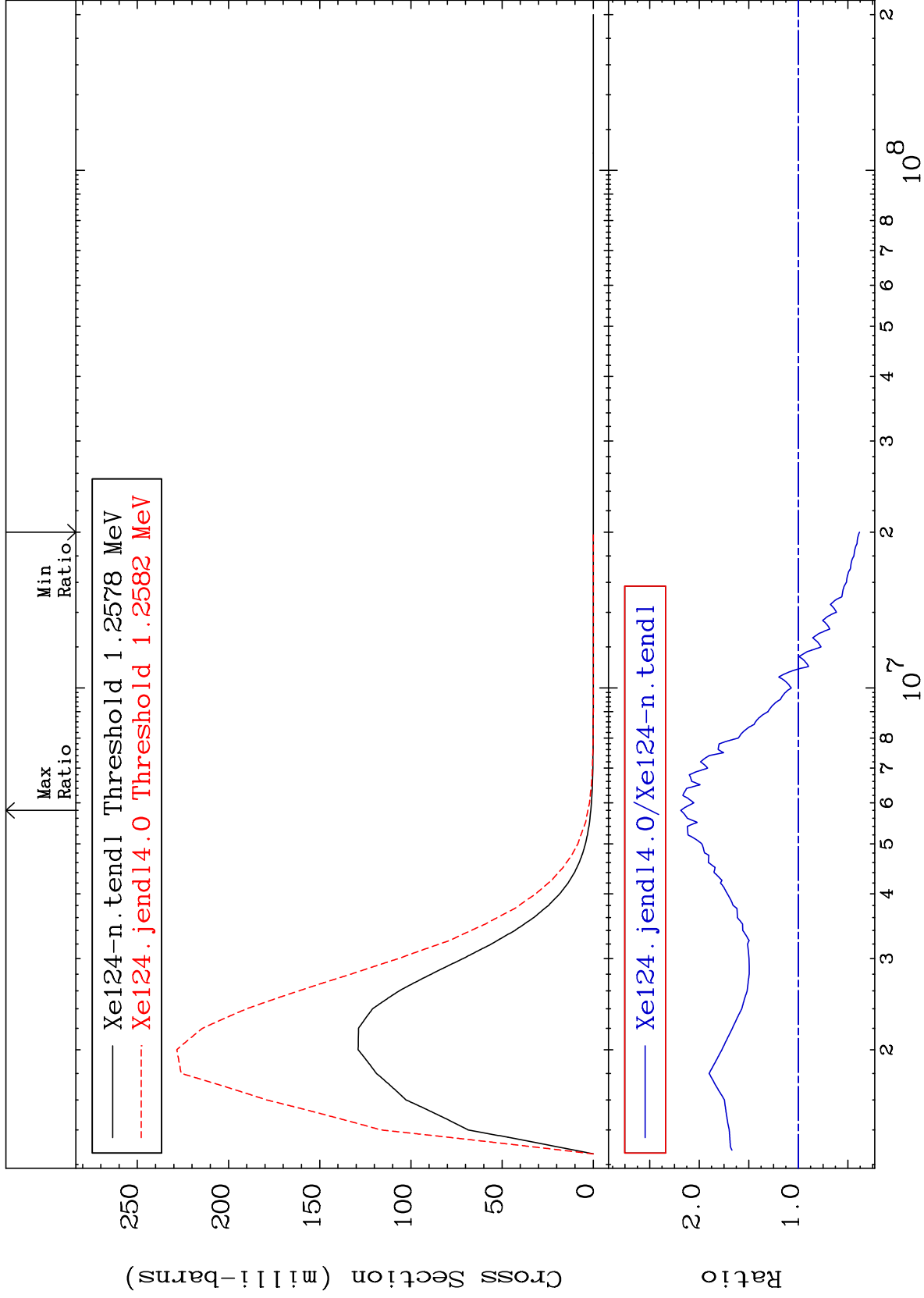
MAT 5425

1.248 MeV (n,n') Level

54-Xe-124

-61.84 To 118.6 %

Cross Section



12

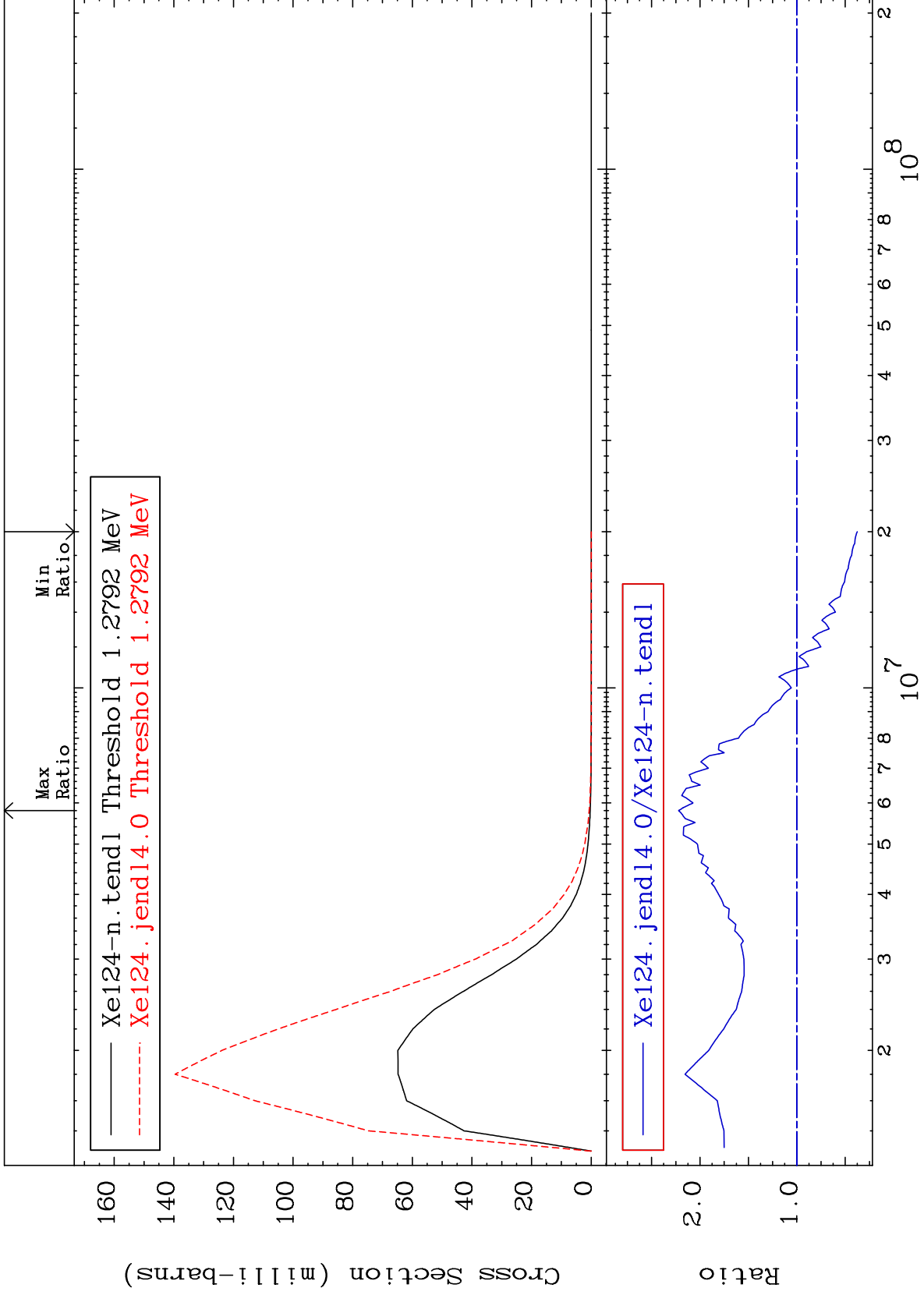
Incident Energy (eV)

54-Xe-124

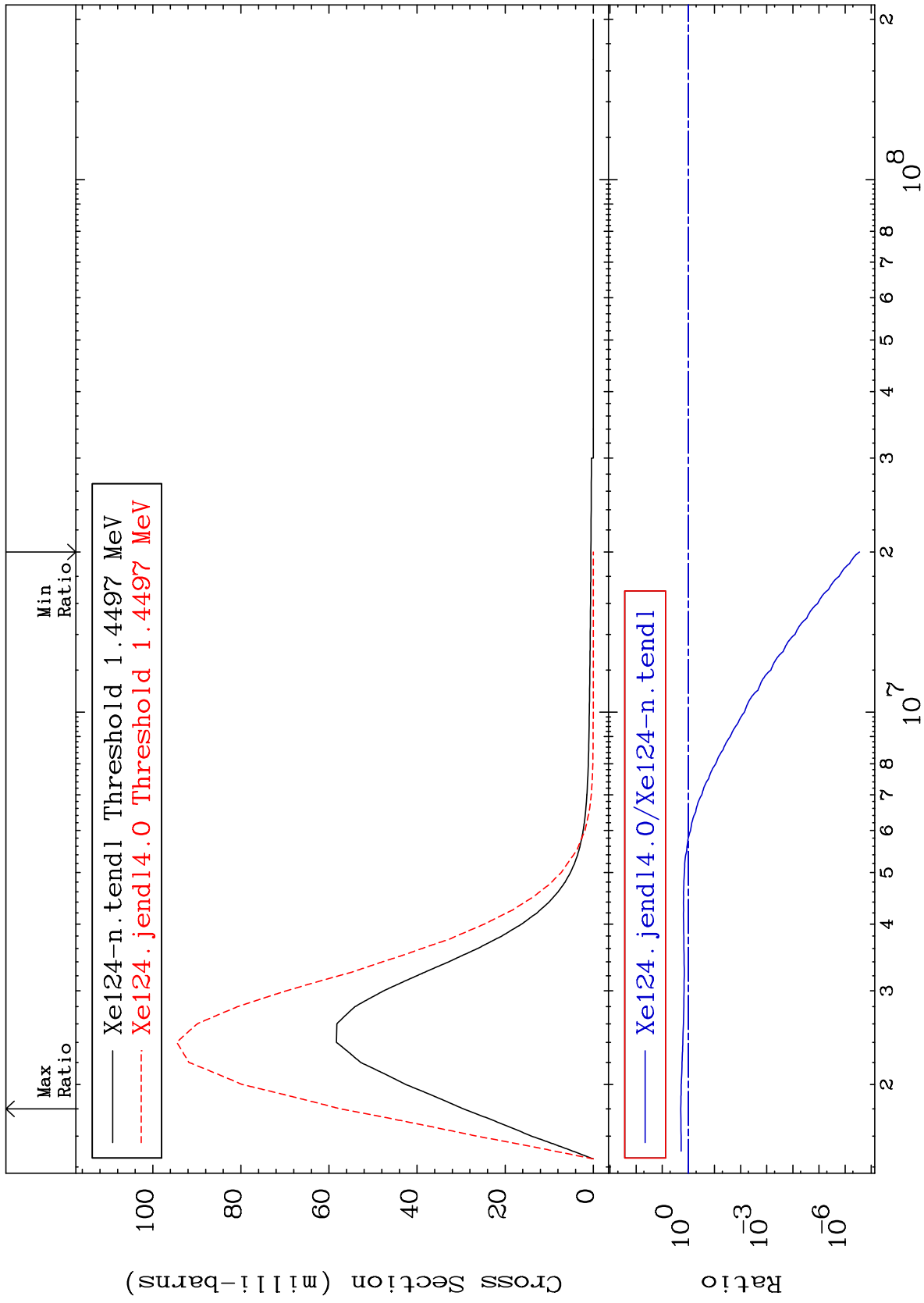
MAT 5425

1.269 MeV (n,n') Level  
Cross Section

54-Xe-124  
-62.43 To 122.1 %



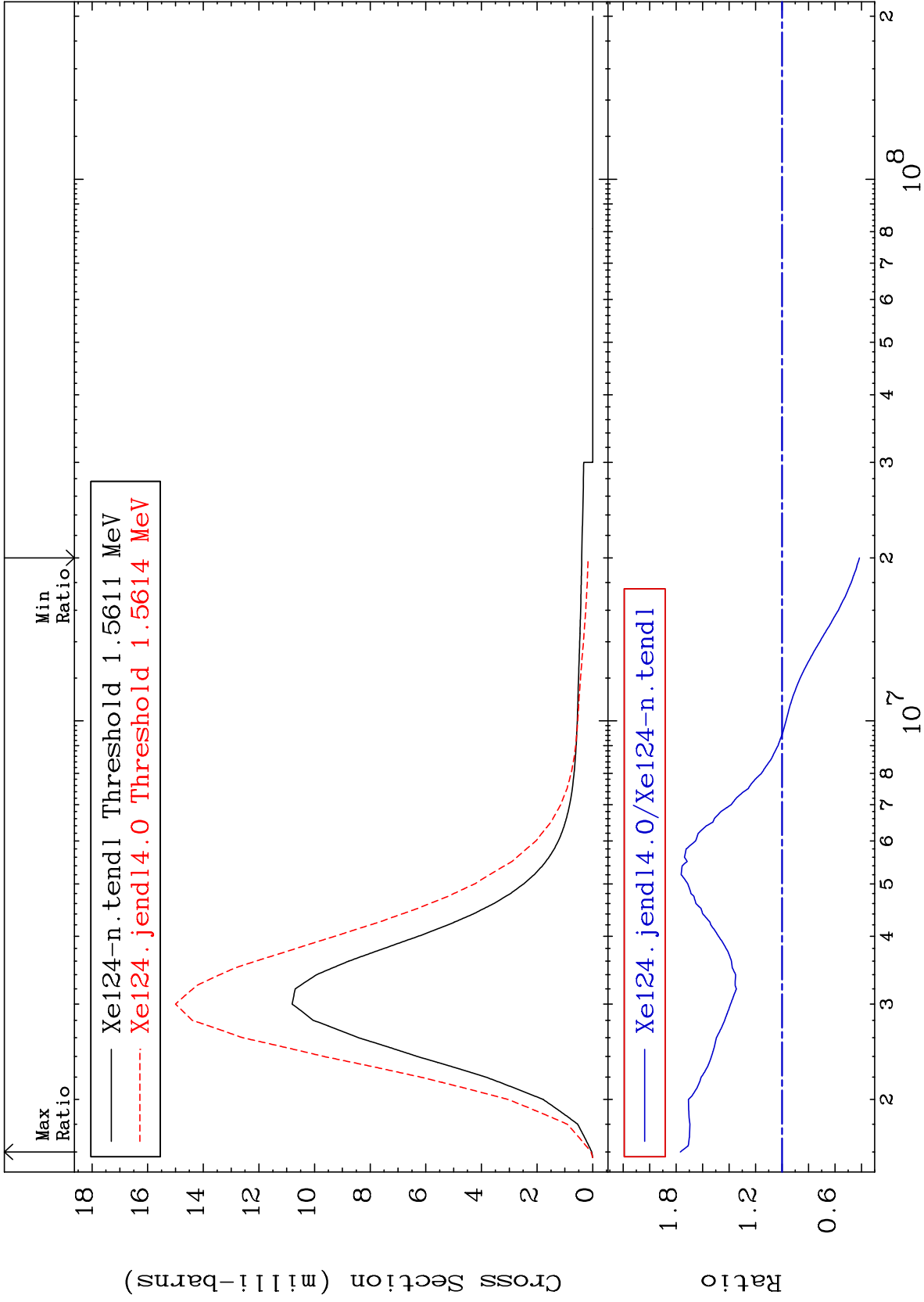
MAT 5425      1.438 MeV (n,n') Level      54-Xe-124  
 Cross Section      -100.0 To 94.63 %



MAT 5425

1.548 MeV (n,n') Level  
Cross Section

54-Xe-124  
-58.49 To 76.75 %



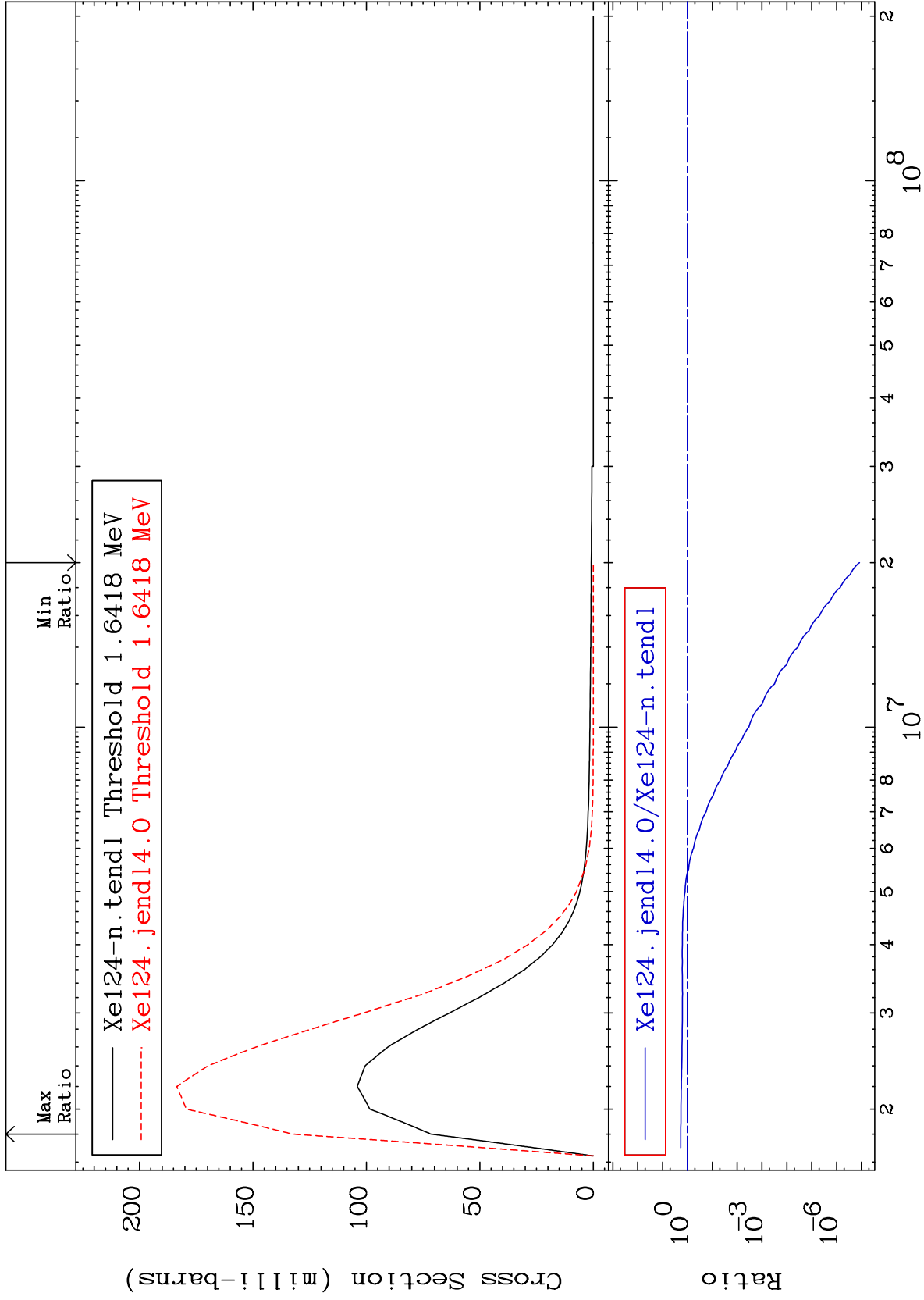
MAT 5425

1.629 MeV (n,n') Level

54-Xe-124

-100.0 To 85.14 %

Cross Section



16

Incident Energy (eV)

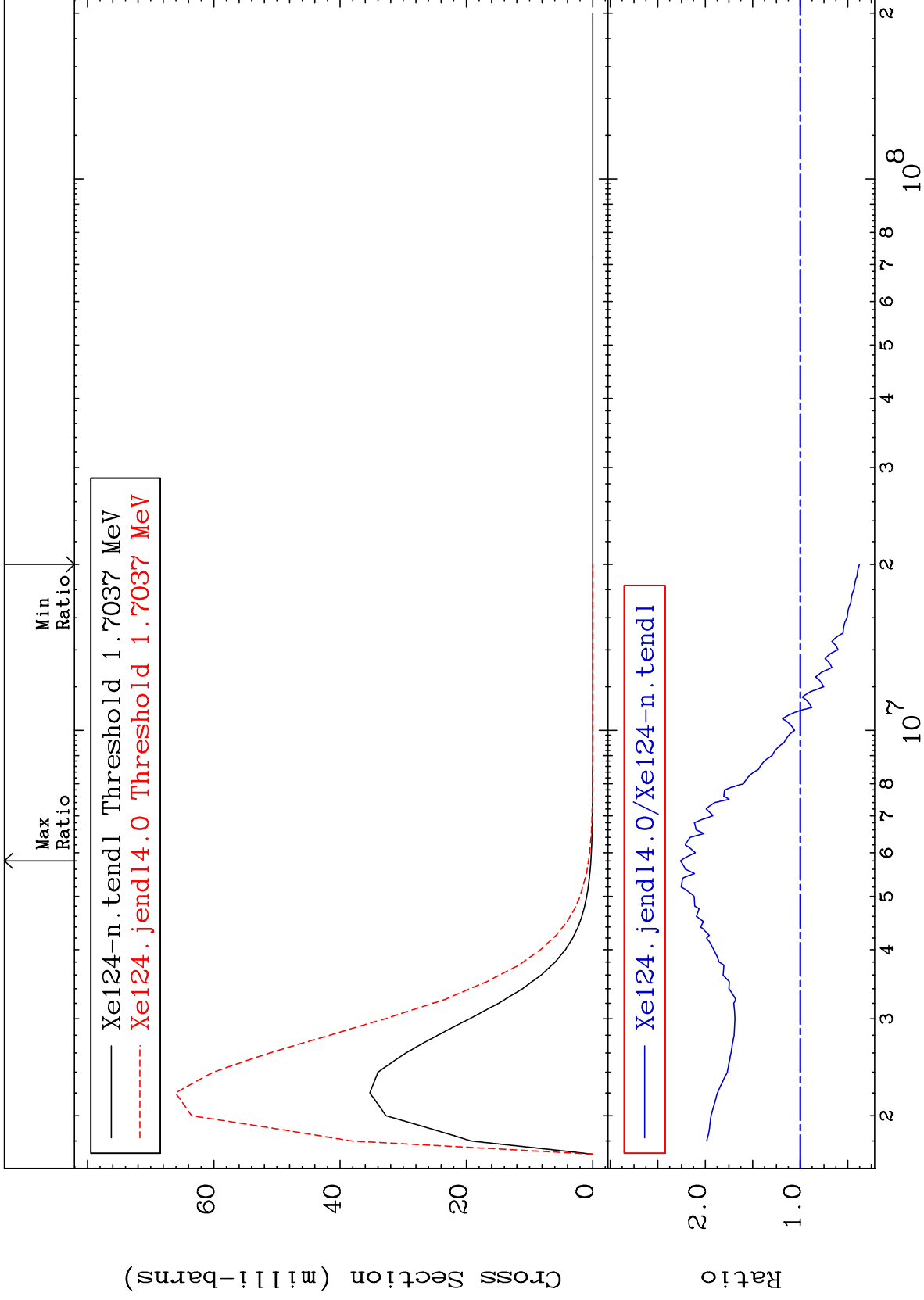
54-Xe-124



MAT 5425

1.690 MeV (n,n') Level  
Cross Section

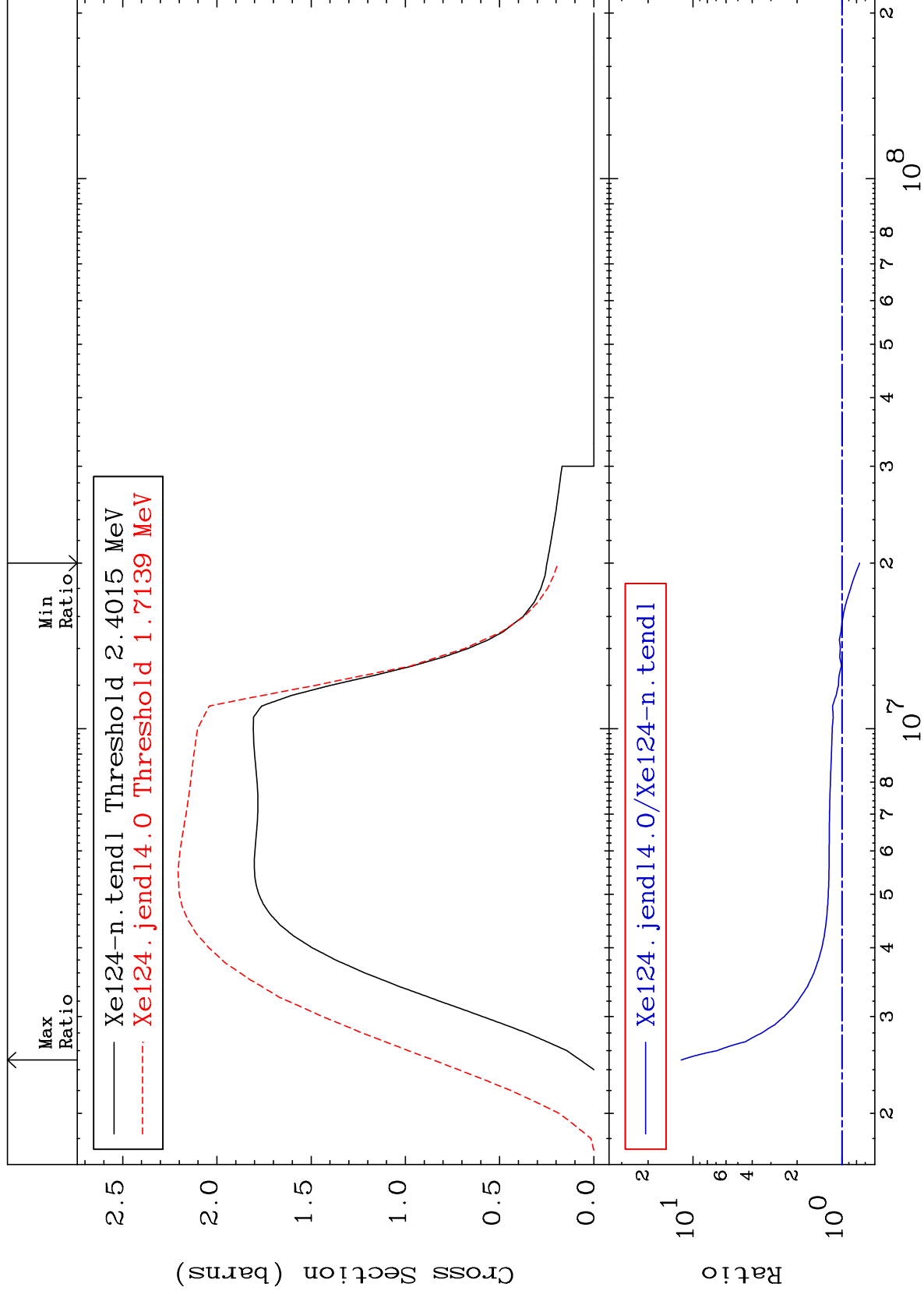
54-Xe-124  
-62.38 To 126.2 %



17

Incident Energy (eV)

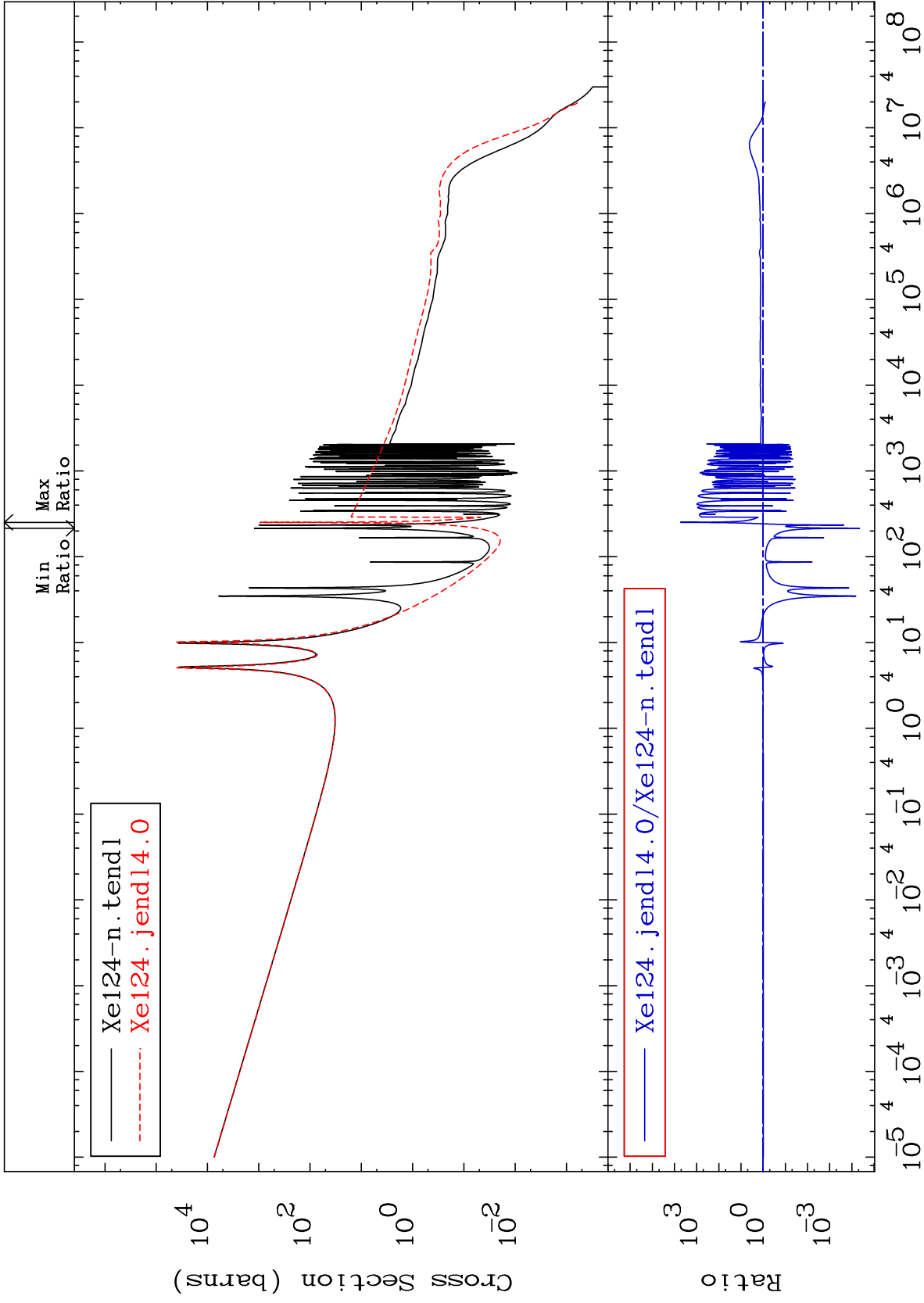
54-Xe-124



MAT 5425

(n,  $\gamma$ )  
Cross Section

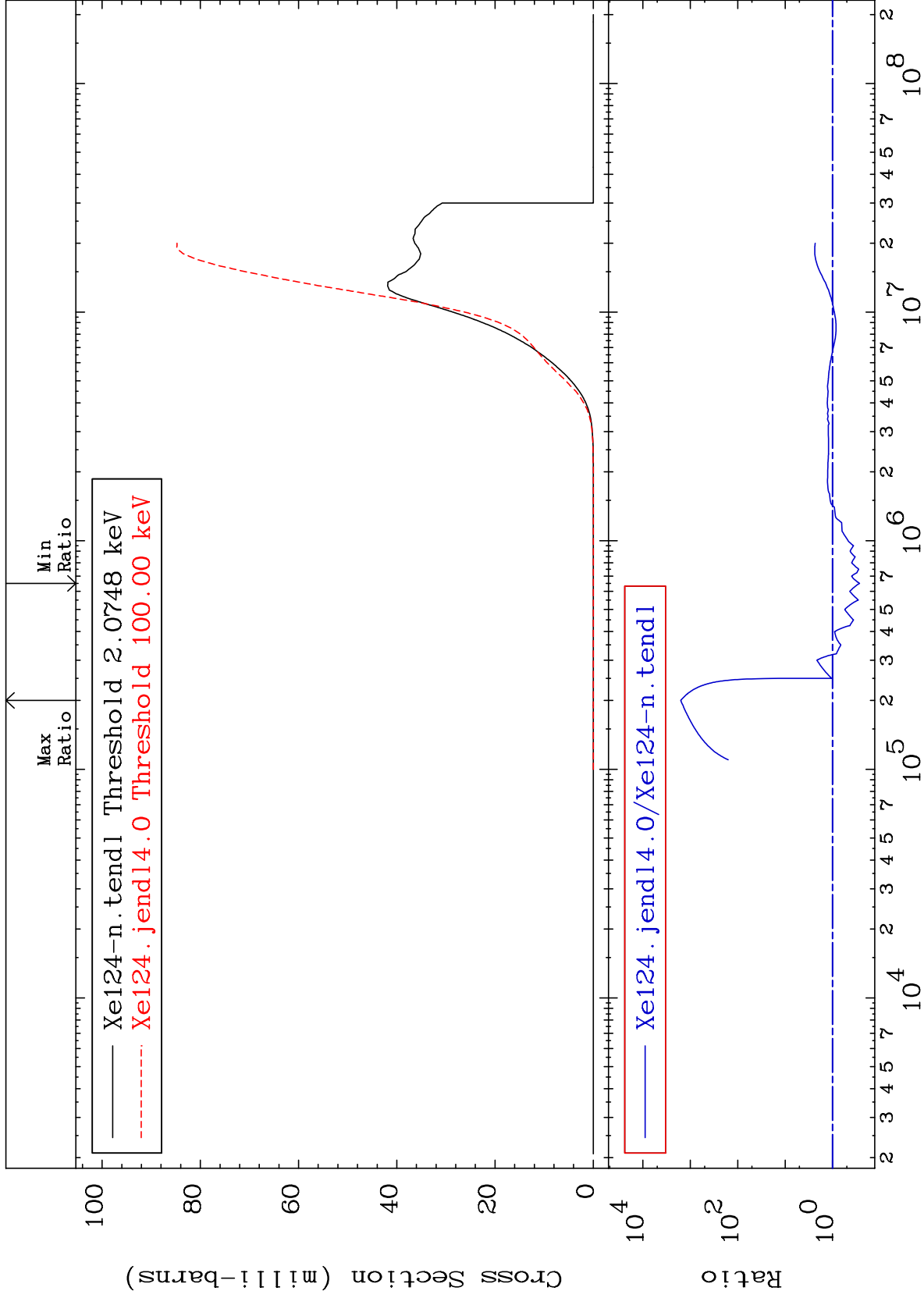
54-Xe-124  
-100.0 To 9999. %



MAT 5425

54-Xe-124

(n,p)  
Cross Section  
-73.01 To 9999. %



20

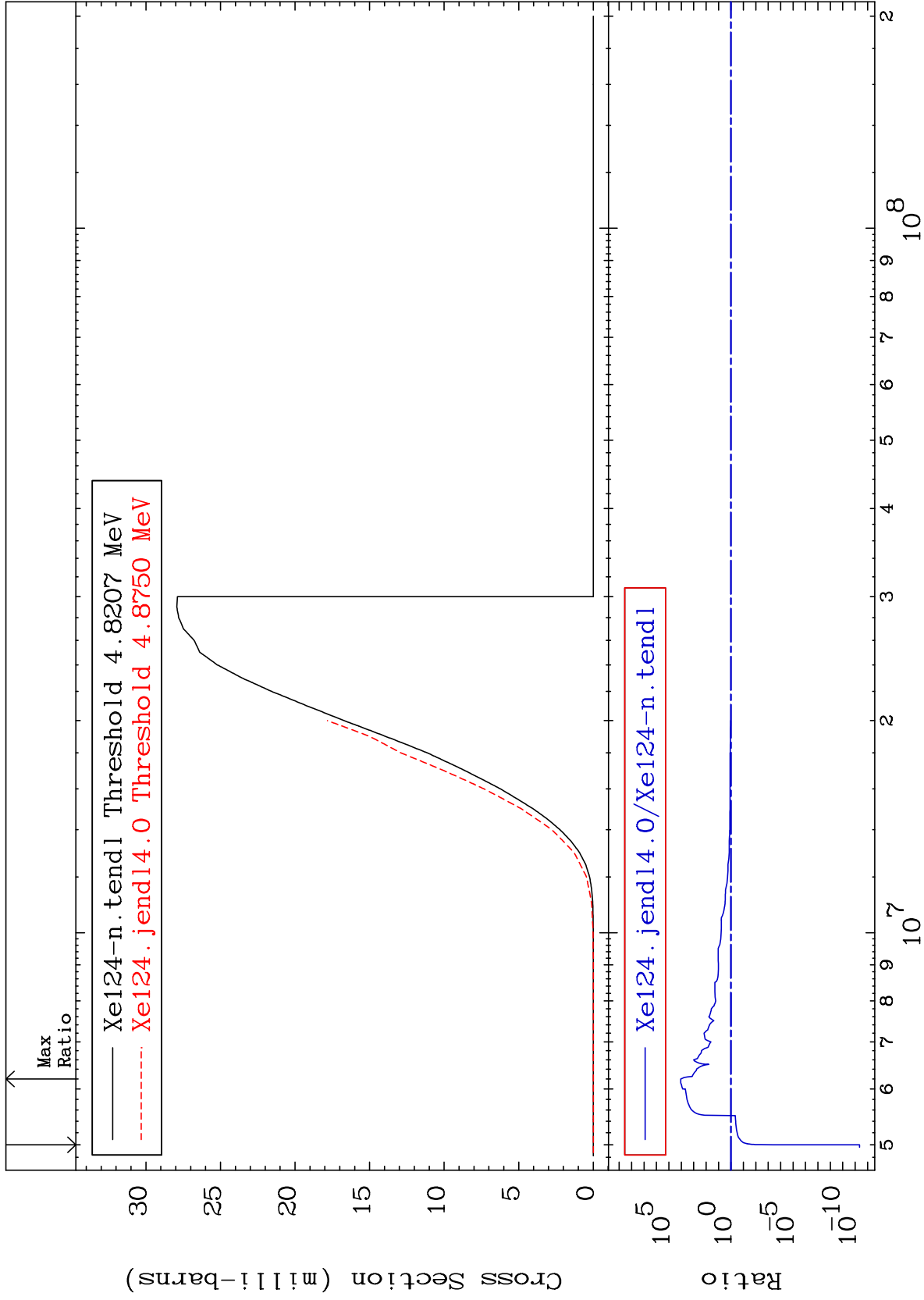
Incident Energy (eV)

54-Xe-124

MAT 5425

(n, d)  
Cross Section

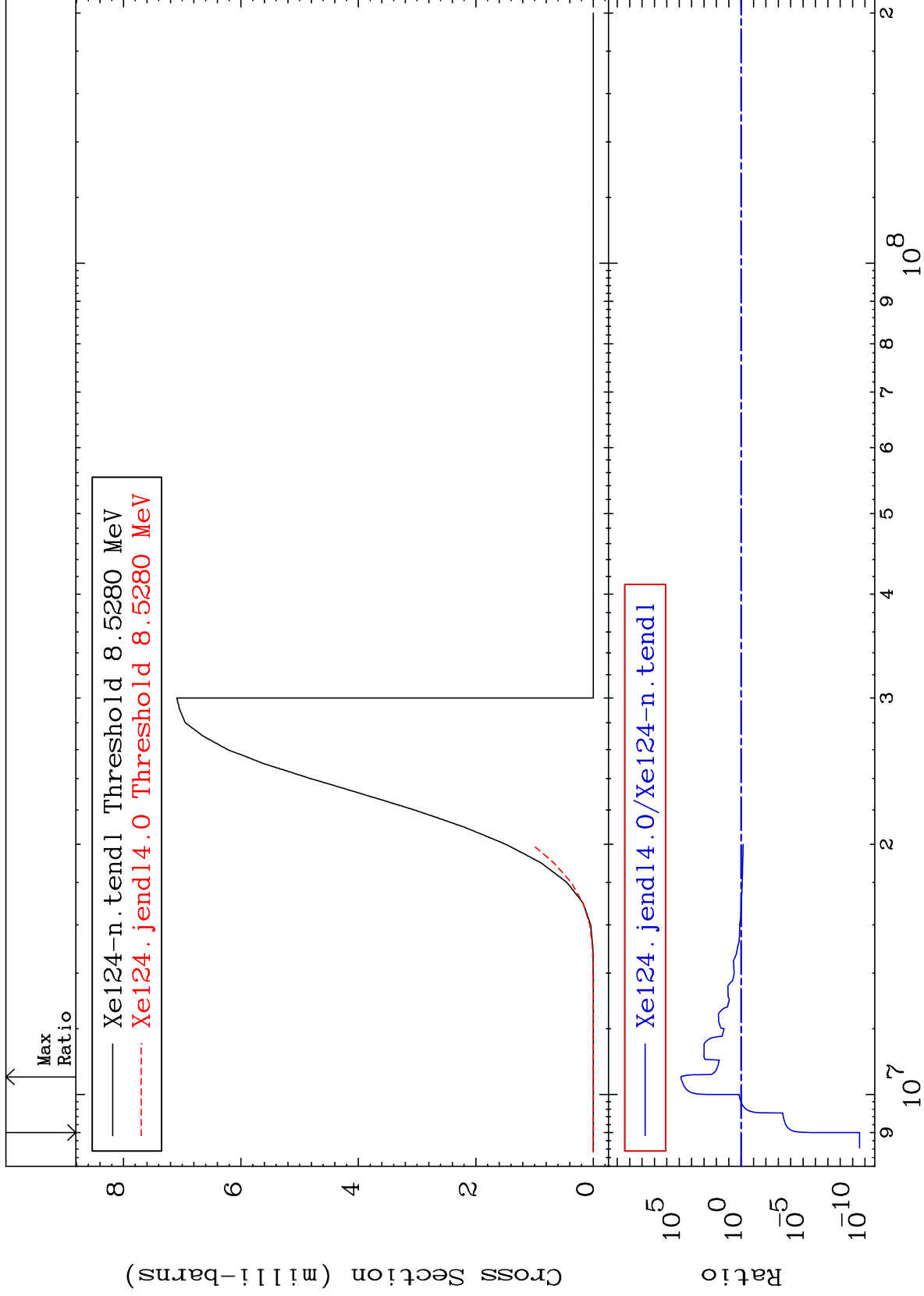
54-Xe-124  
-100.0 To 9999. %



MAT 5425

(n, t)  
Cross Section

54-Xe-124  
-100.0 To 9999. %



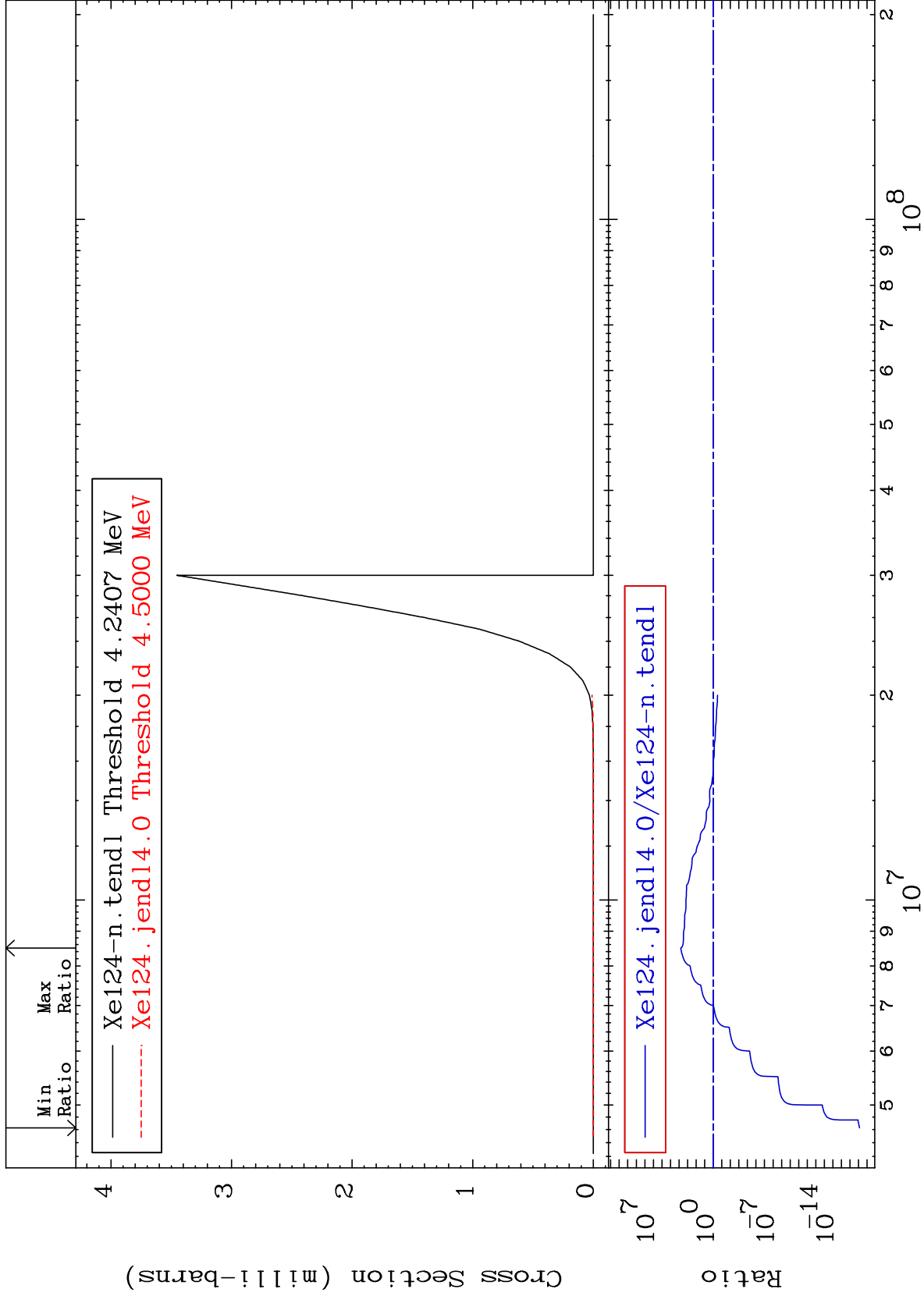
22

Incident Energy (eV)

54-Xe-124

Cross Section

-100.0 To 9999. %



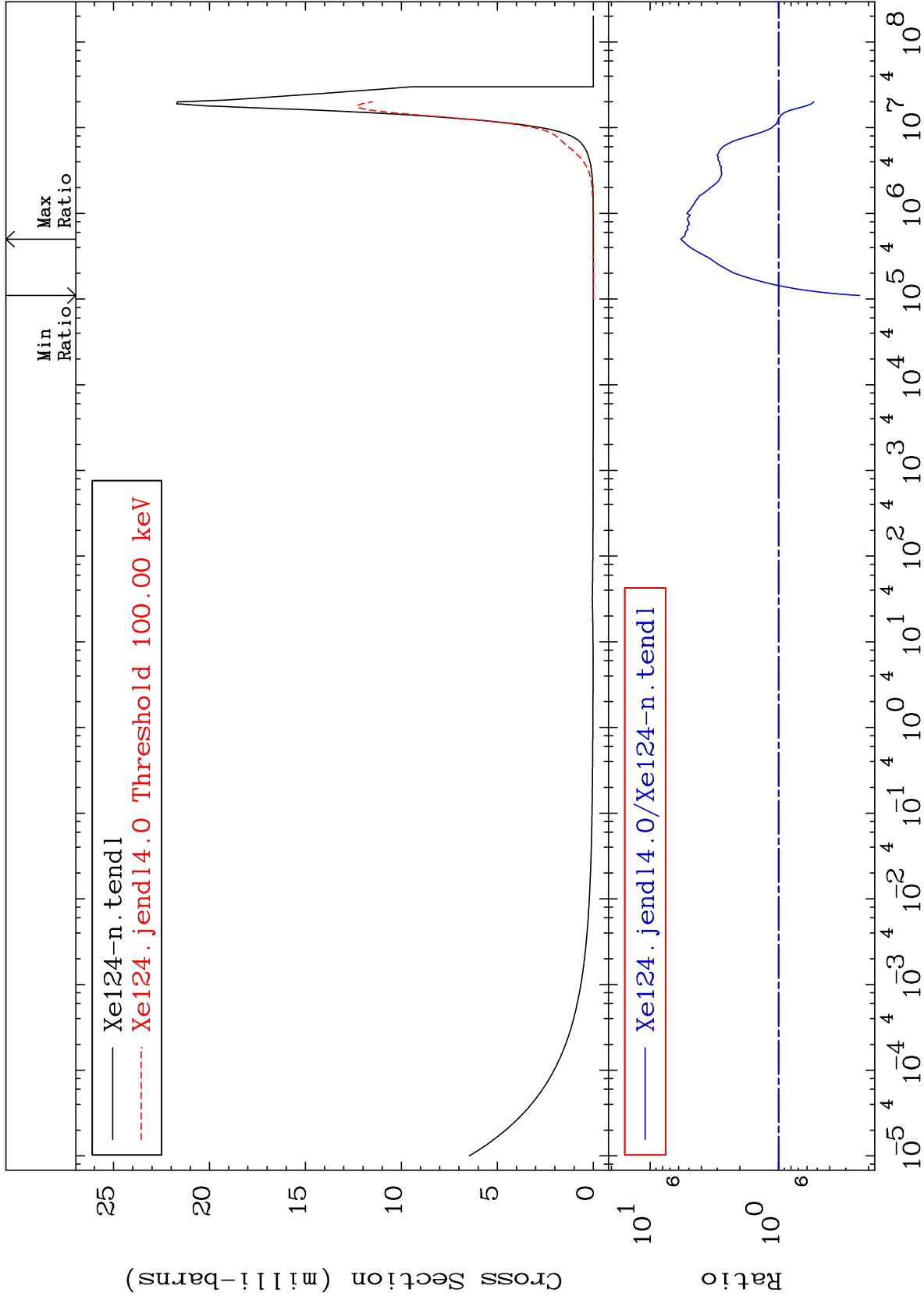
MAT 5425

(n,  $\alpha$ )

54-Xe-124

Cross Section

-76.55 To 477.2 %

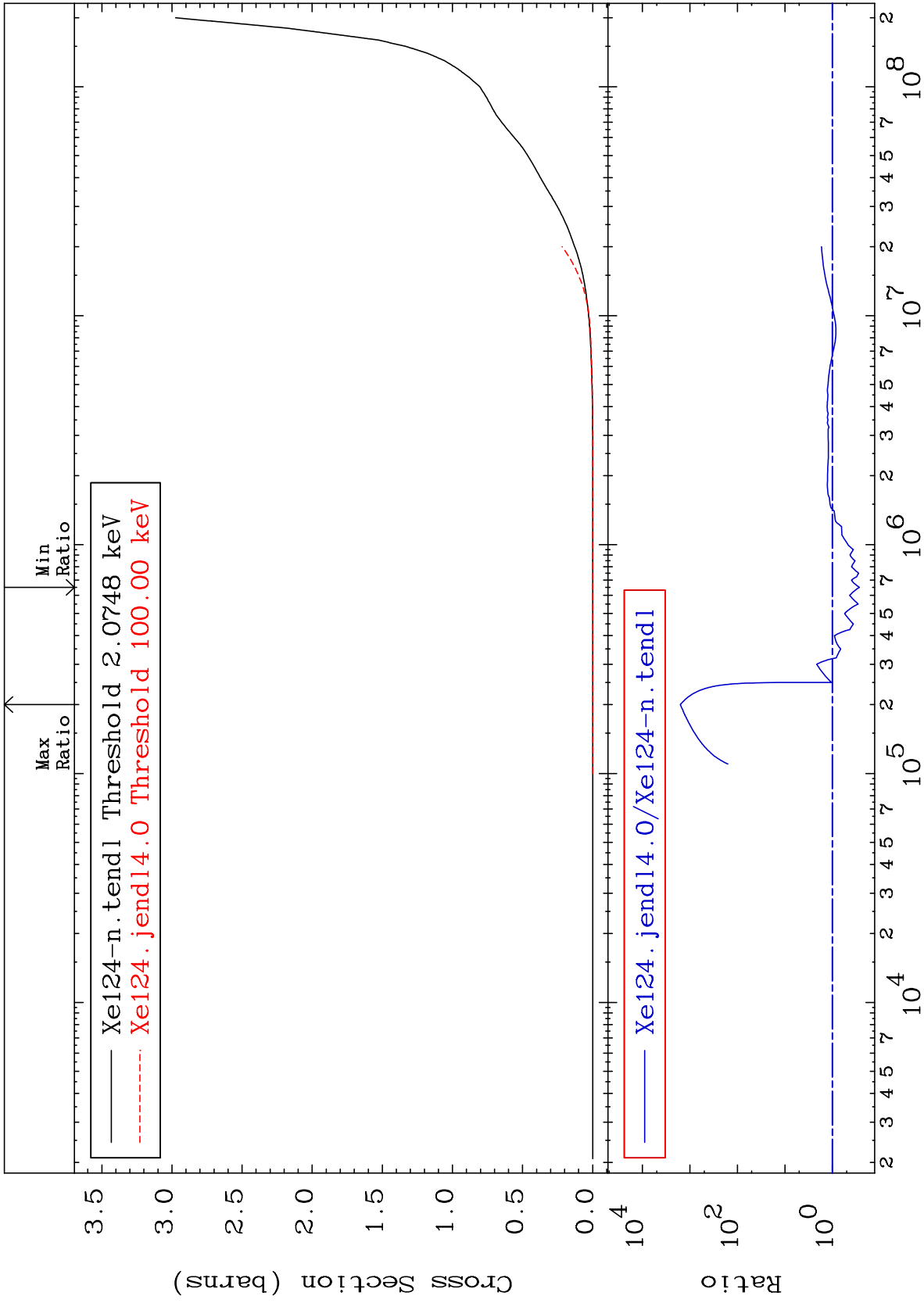


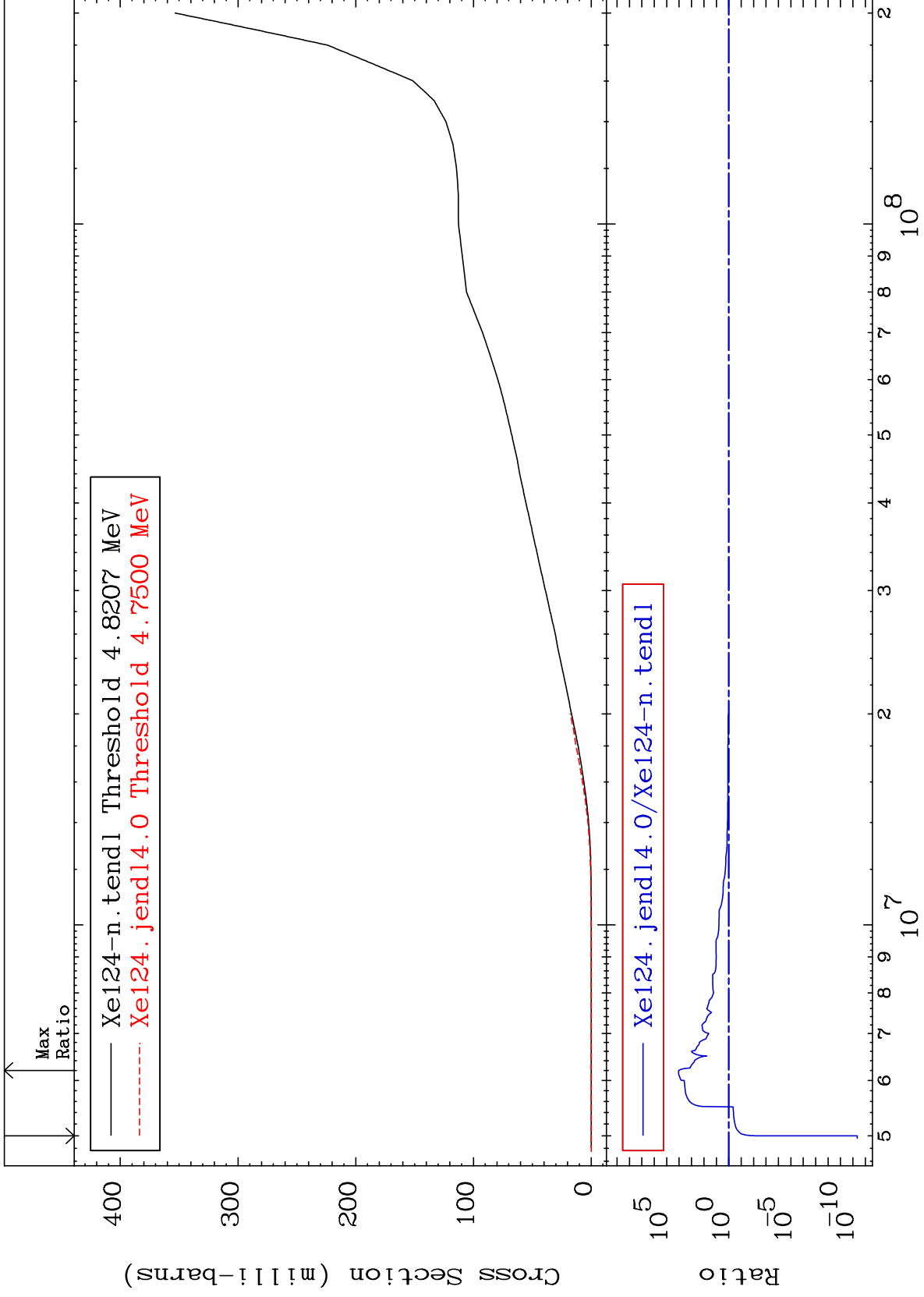
24

Incident Energy (eV)

54-Xe-124



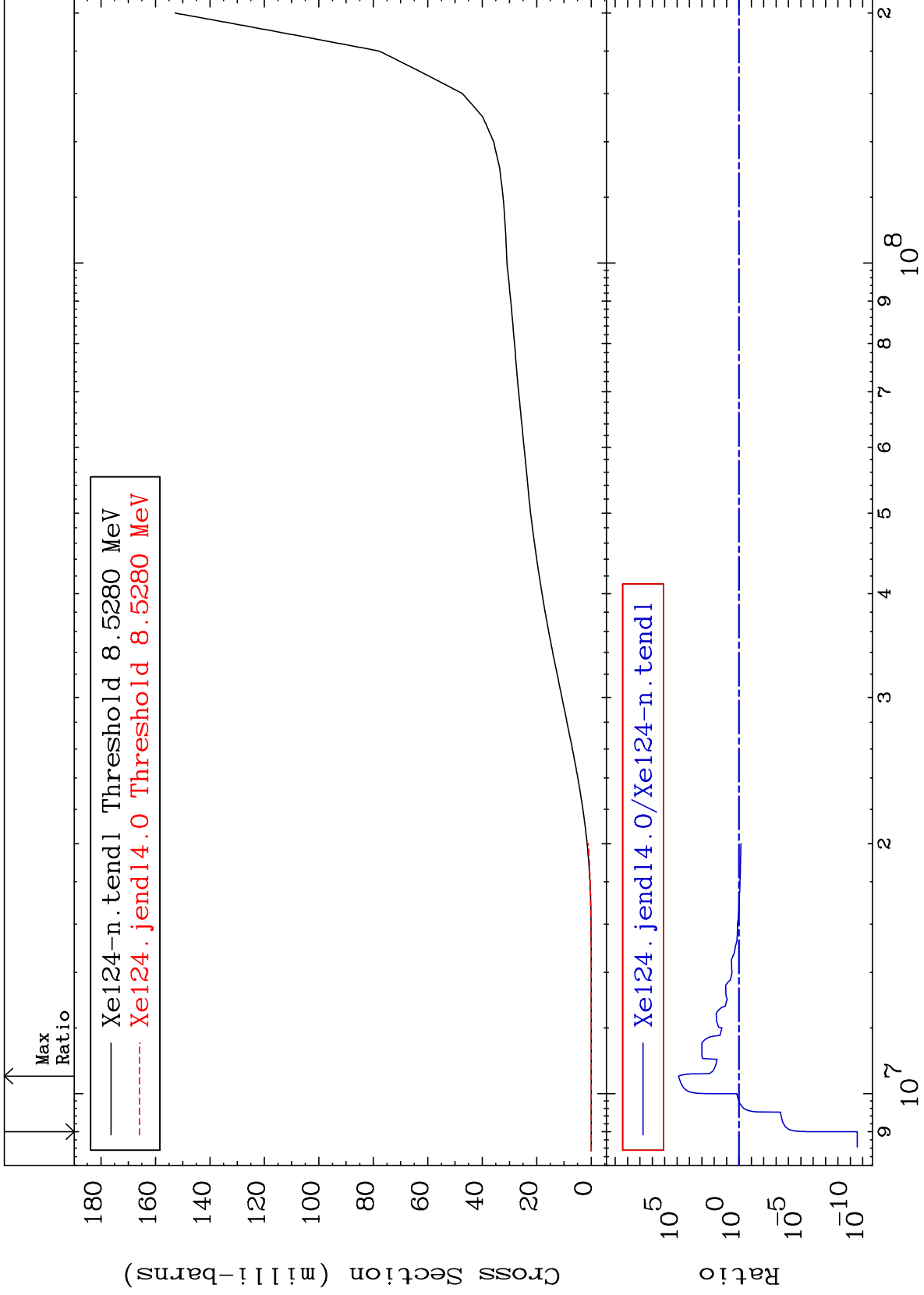




MAT 5425

Tritium Production  
Cross Section

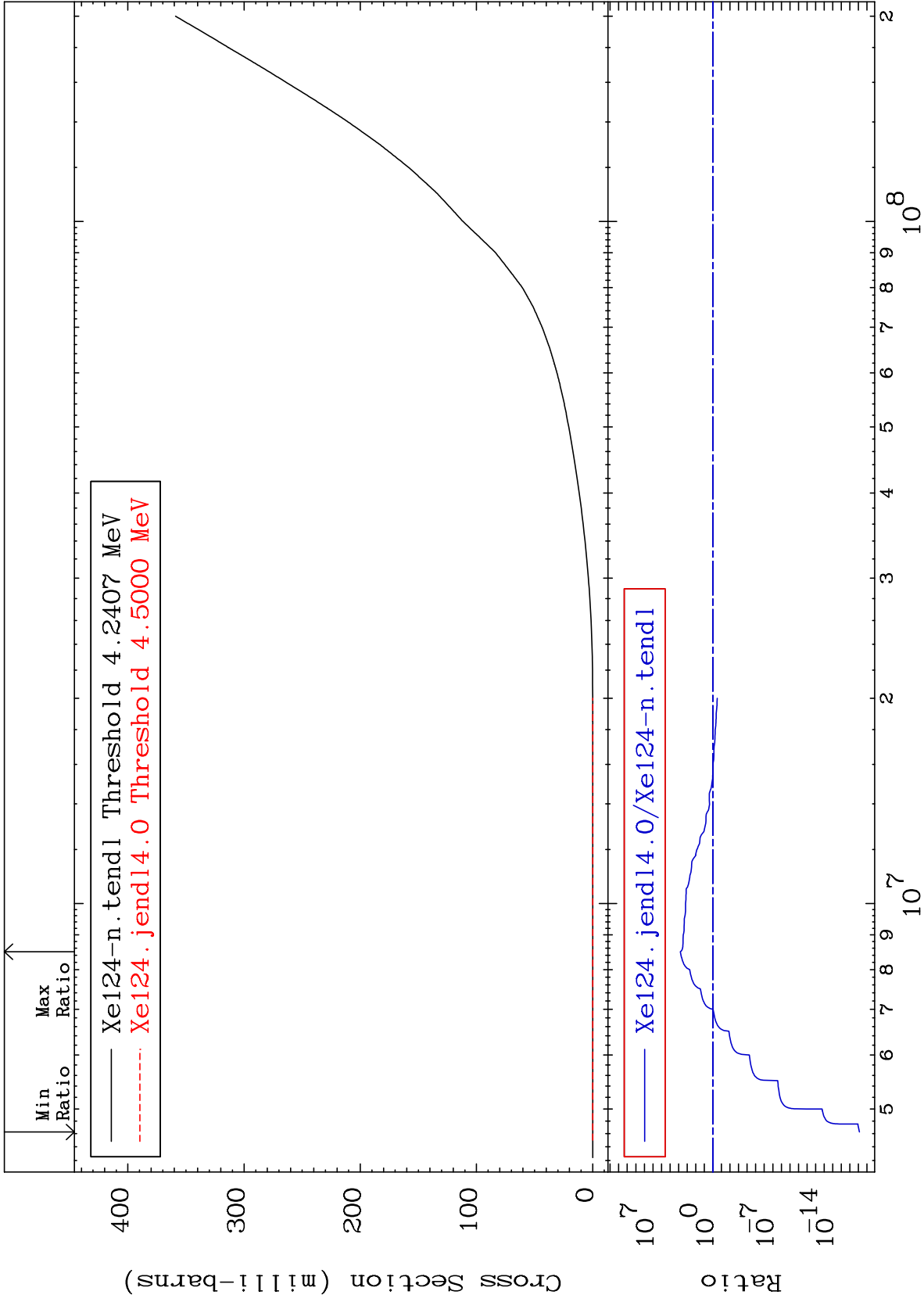
54-Xe-124  
-100.0 To 9999. %

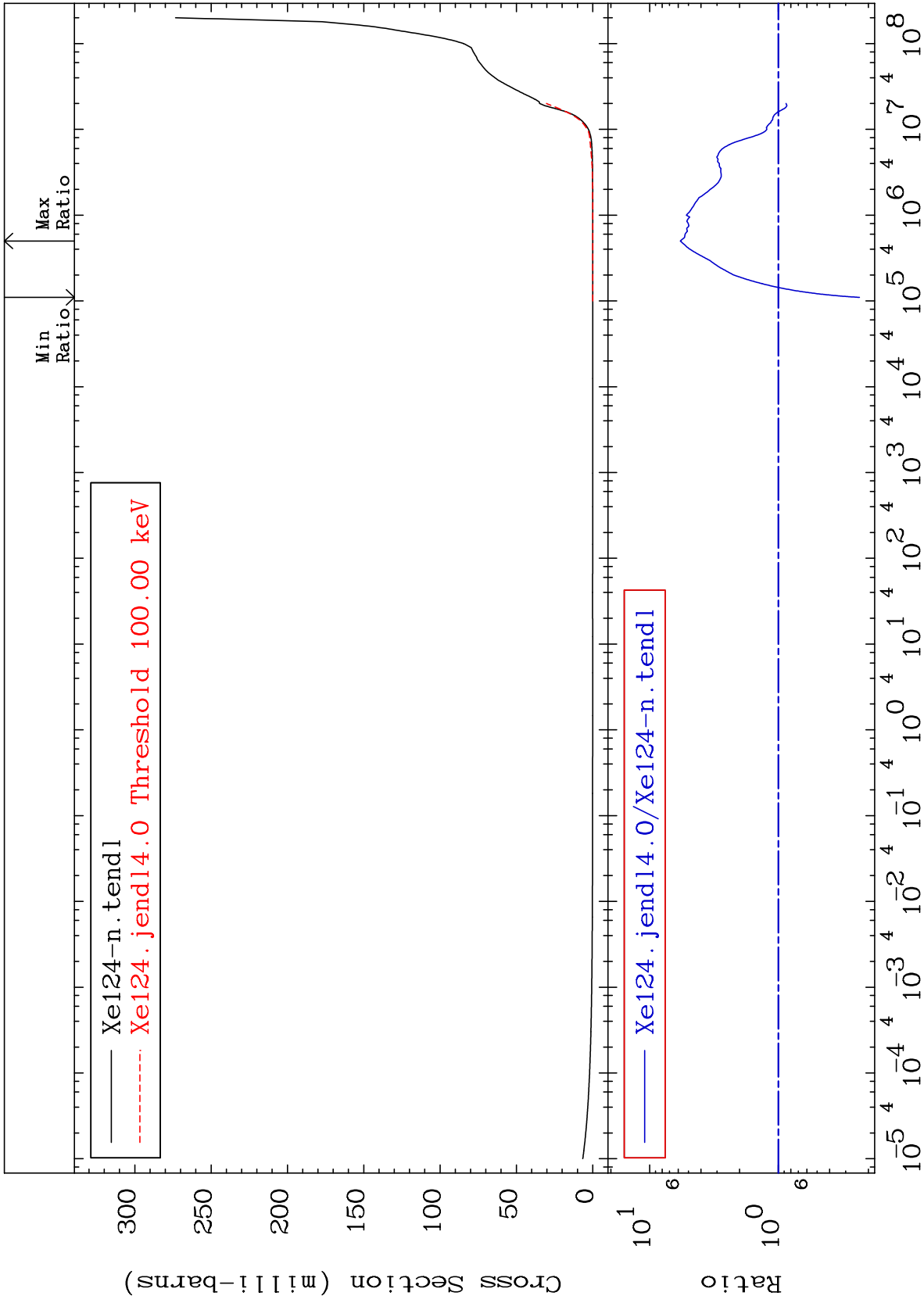


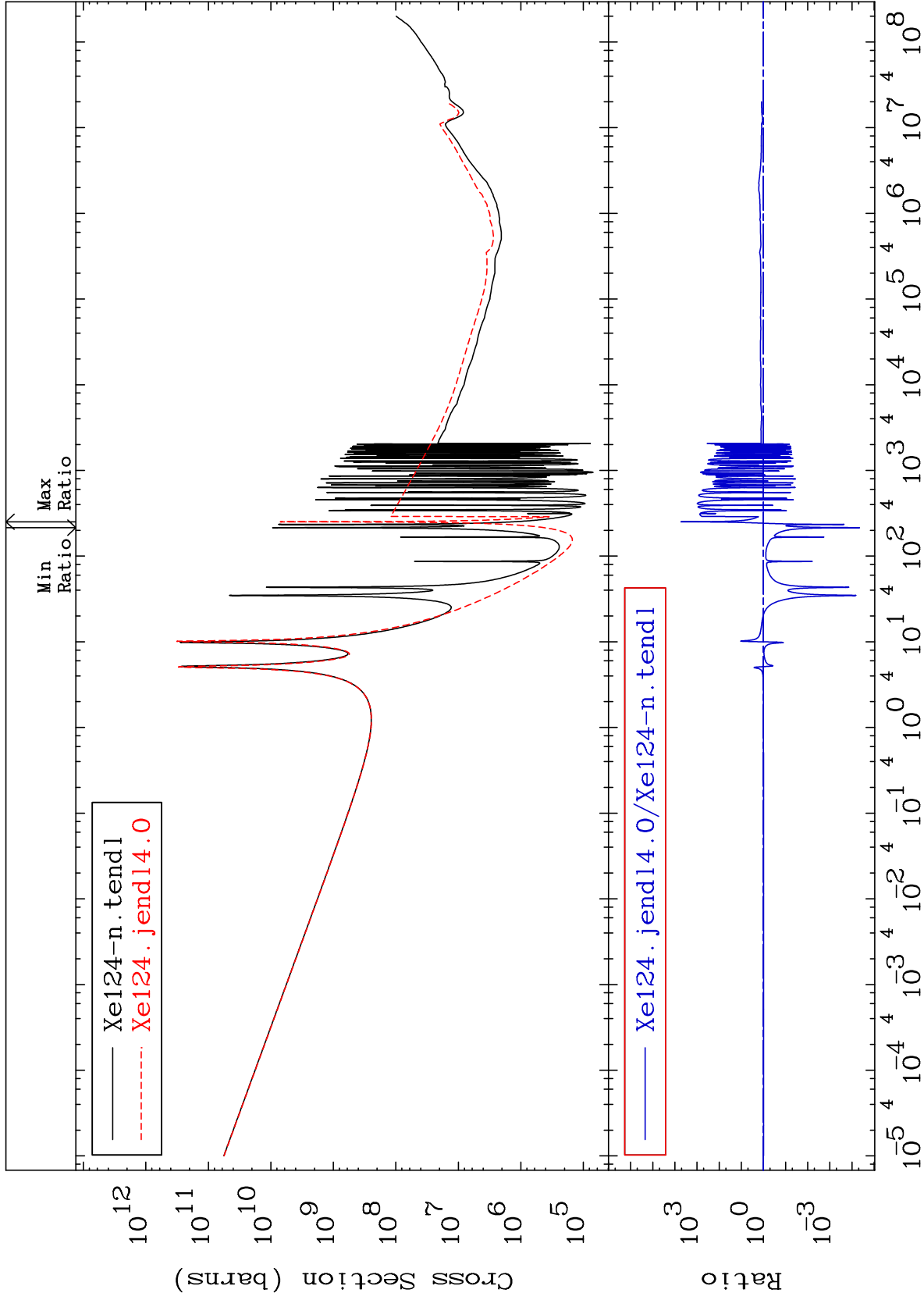
27

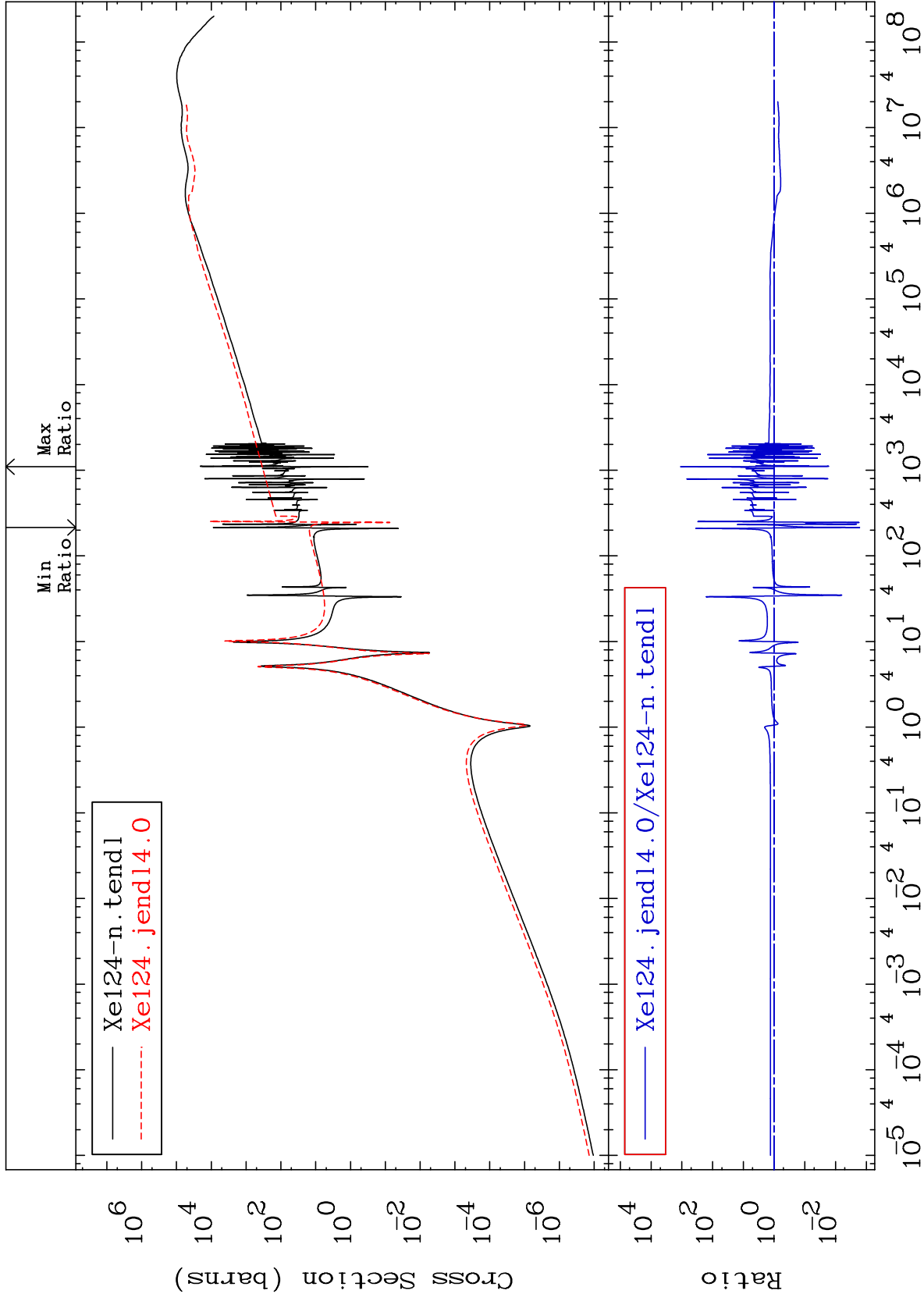
Incident Energy (eV)

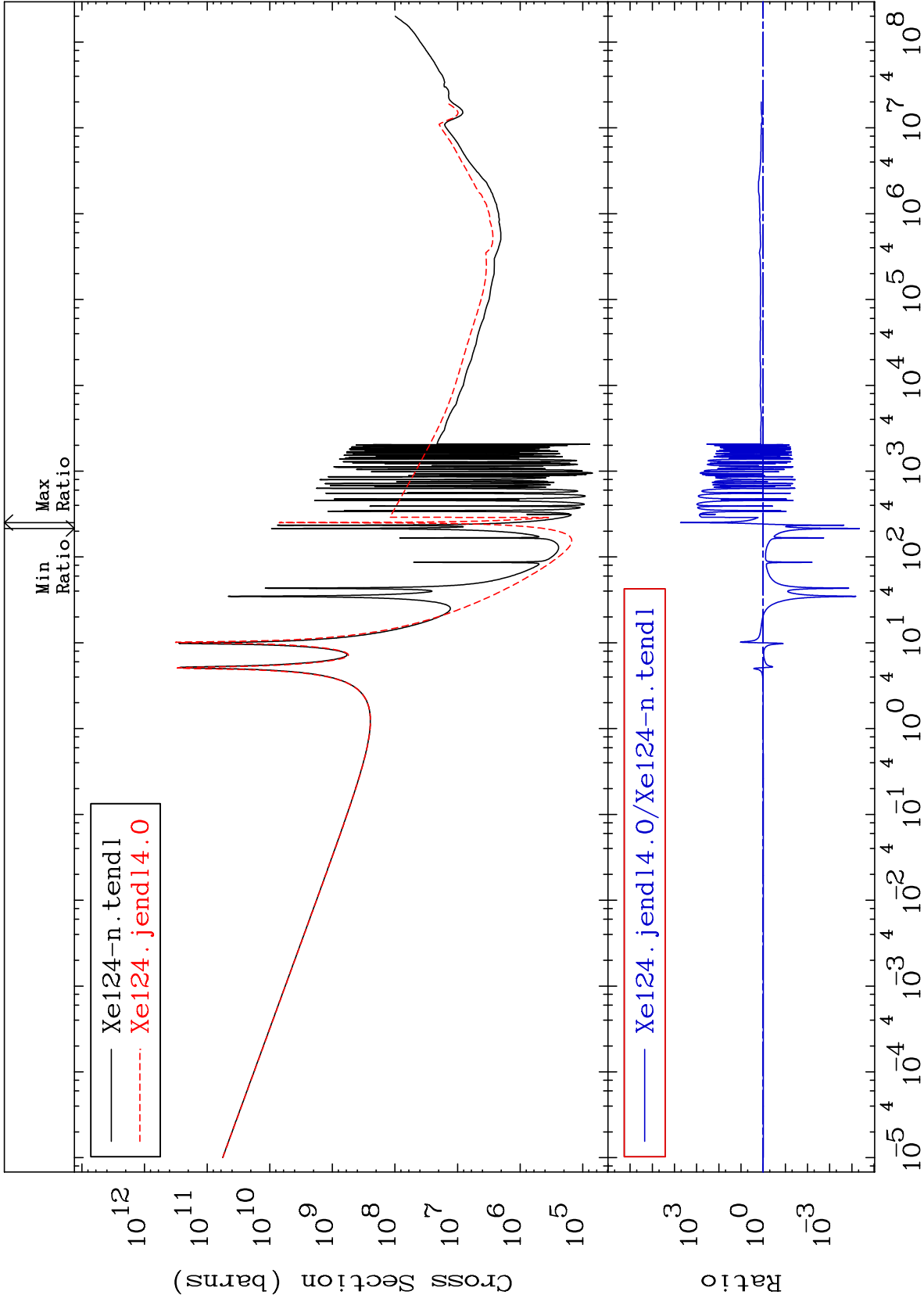
54-Xe-124



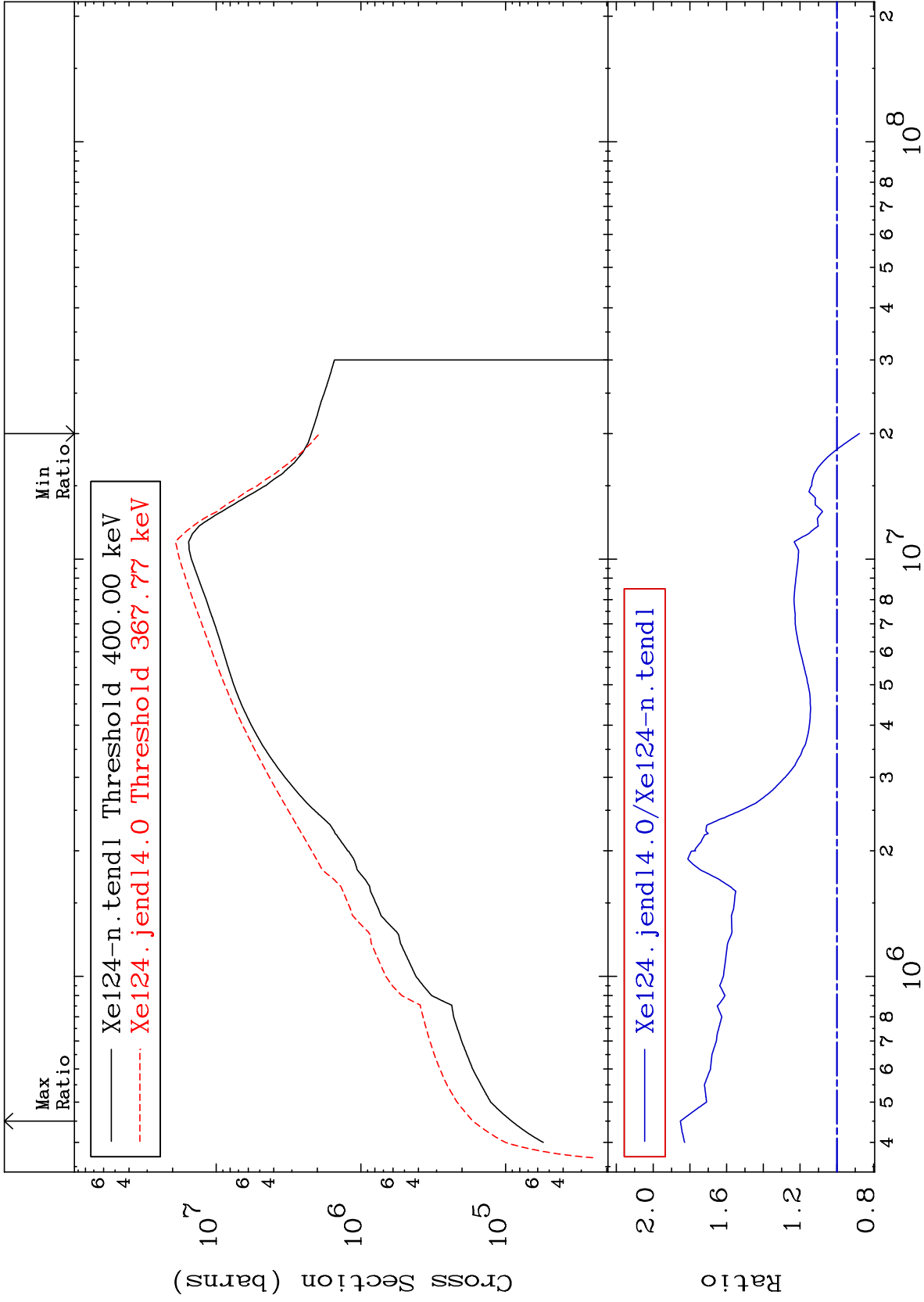








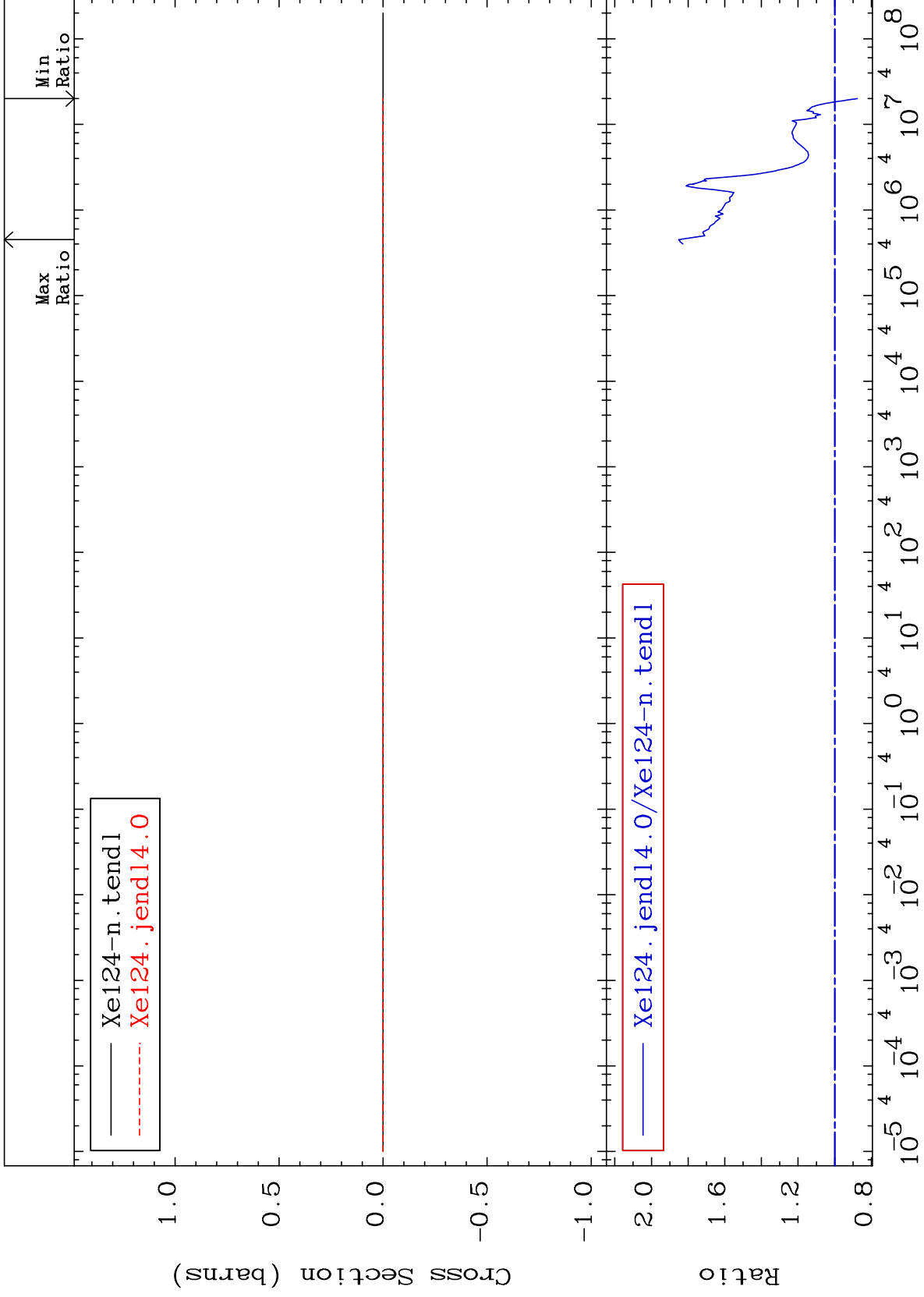


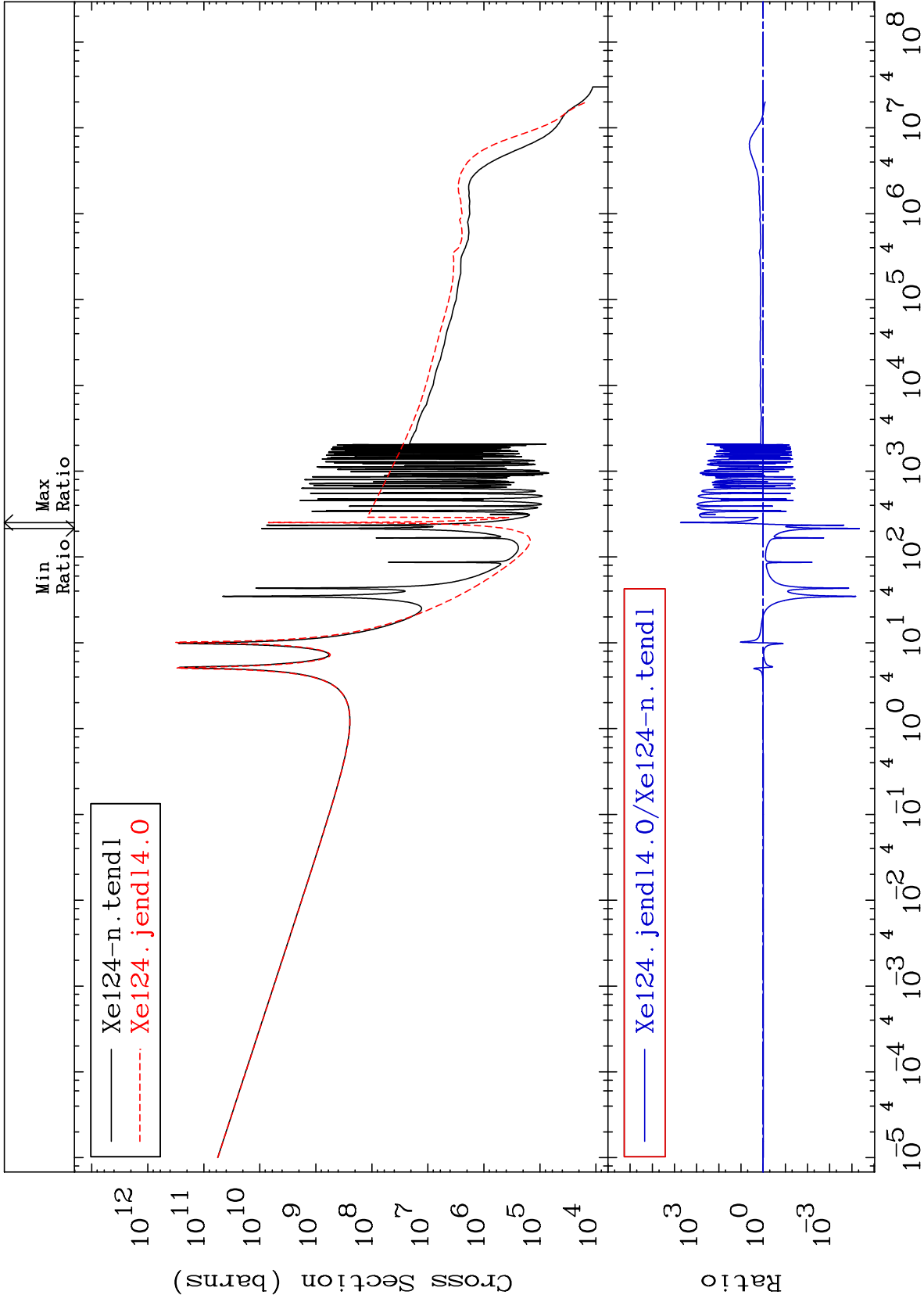


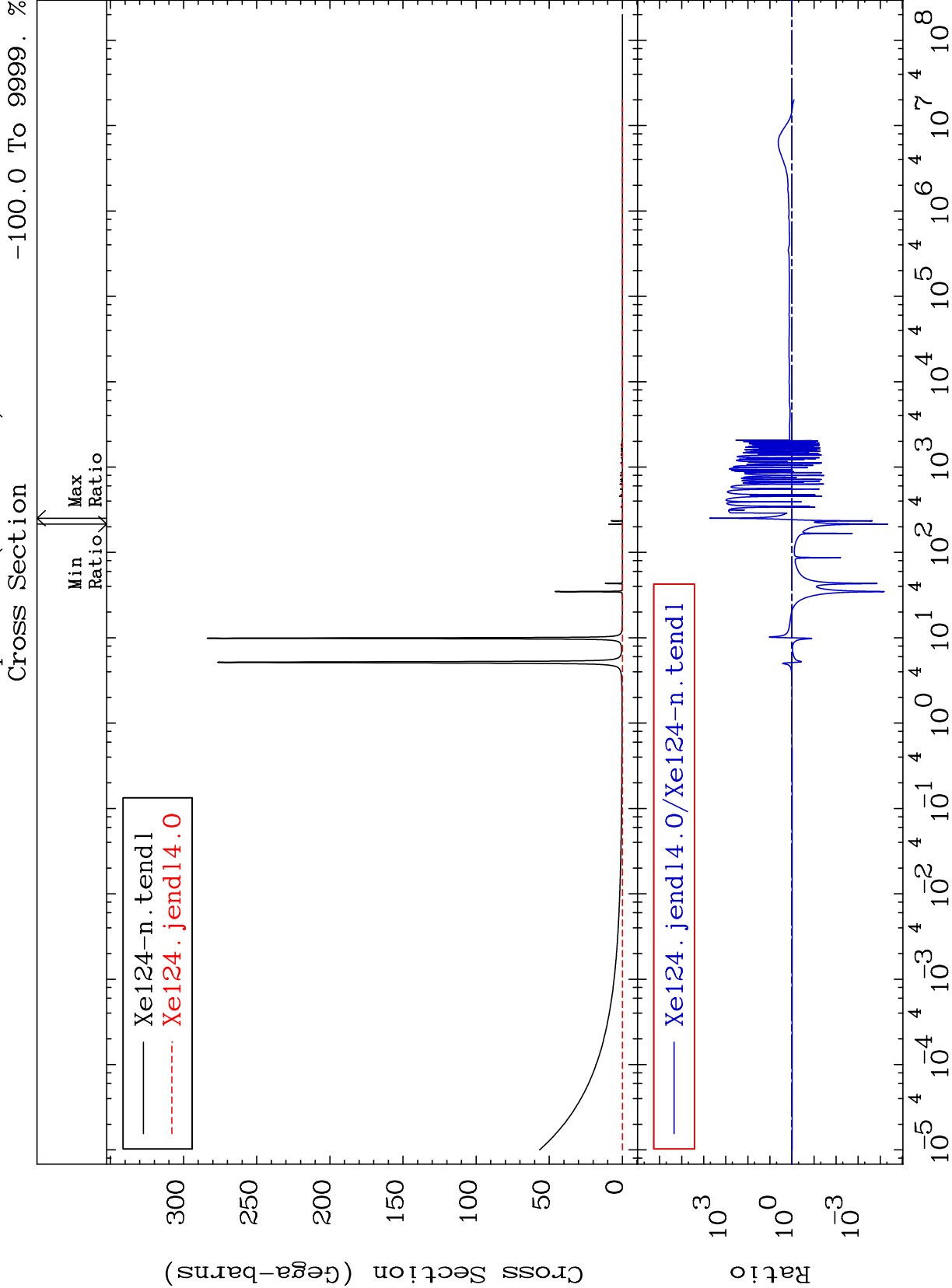
MAT 5425

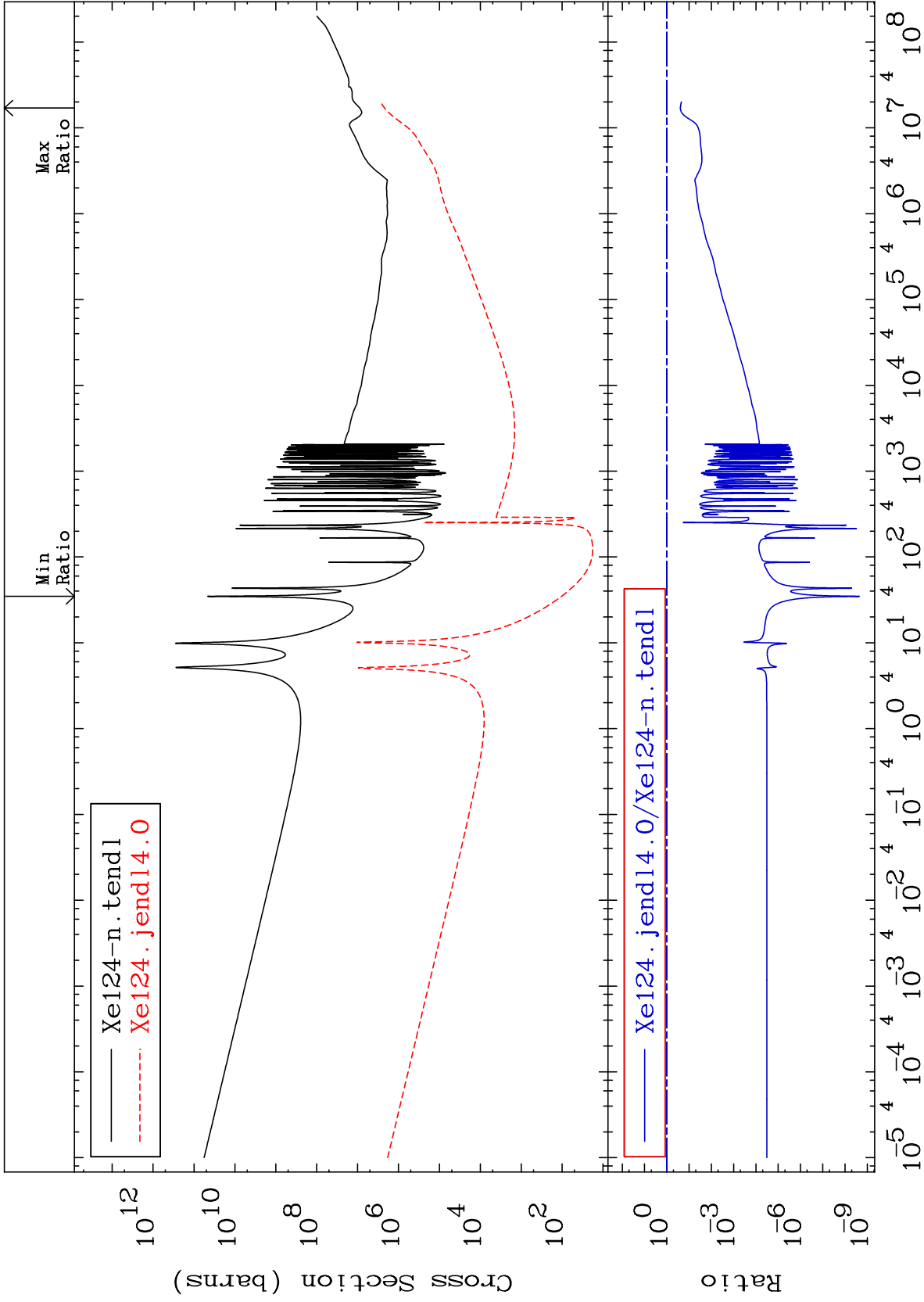
Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

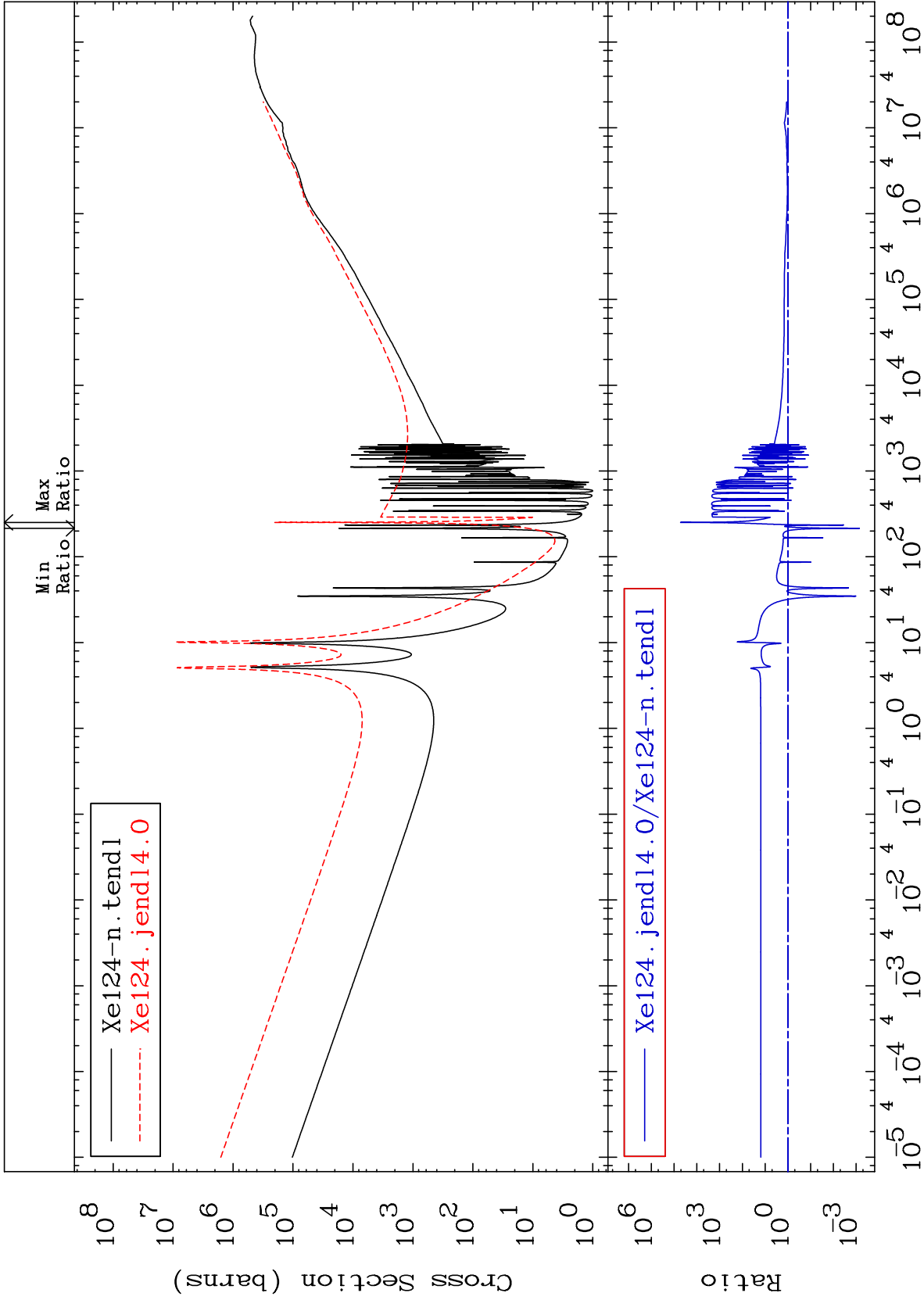
54-Xe-124  
-12.30 To 85.17 %







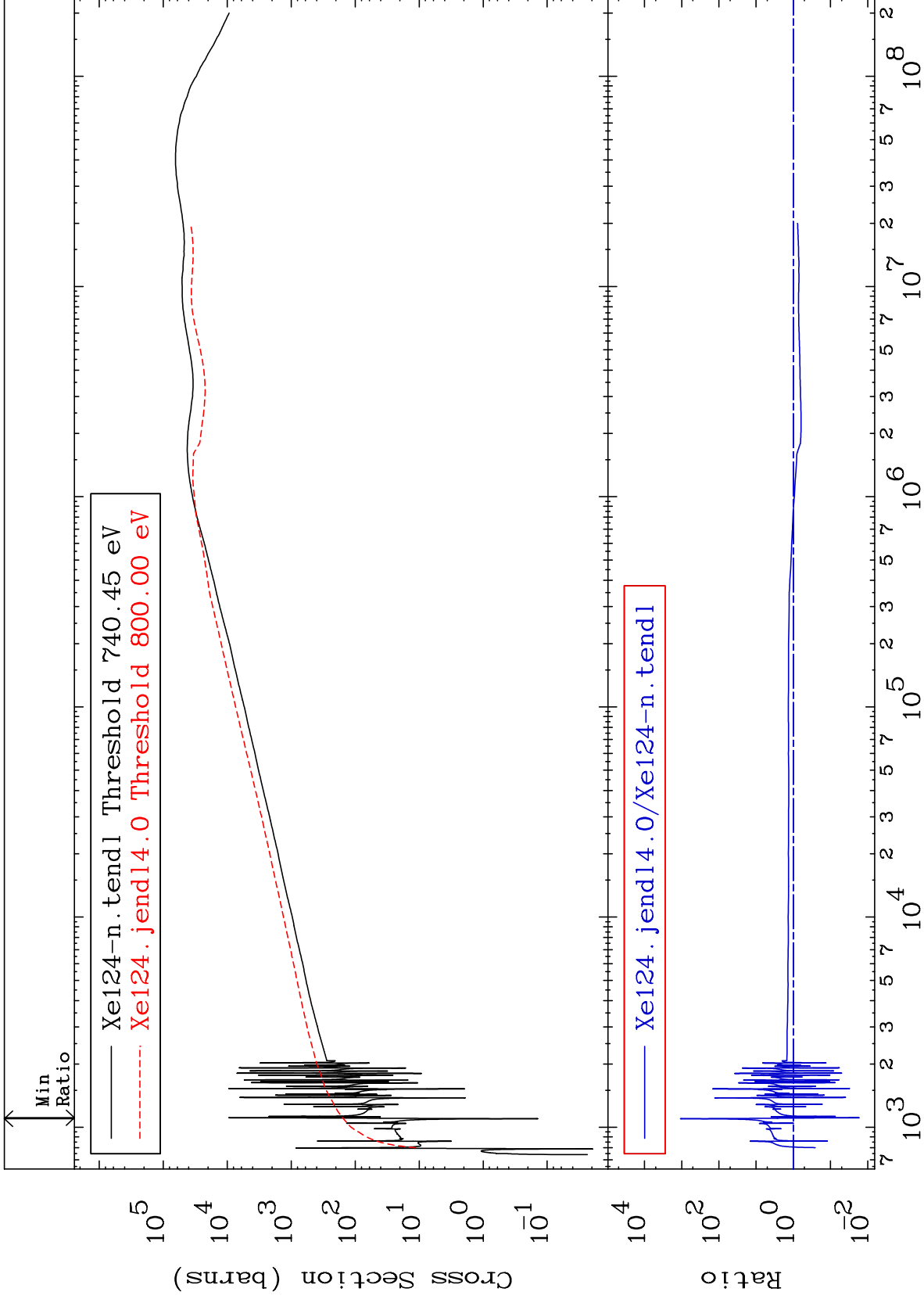




MAT 5425

Dpa elastic (mt2)  
Cross Section

54-Xe-124  
-98.33 To 9999. %



MAT 5425

Dpa inelastic (mt51-91)

54-Xe-124

22.69 To 121.2 %

Cross Section

