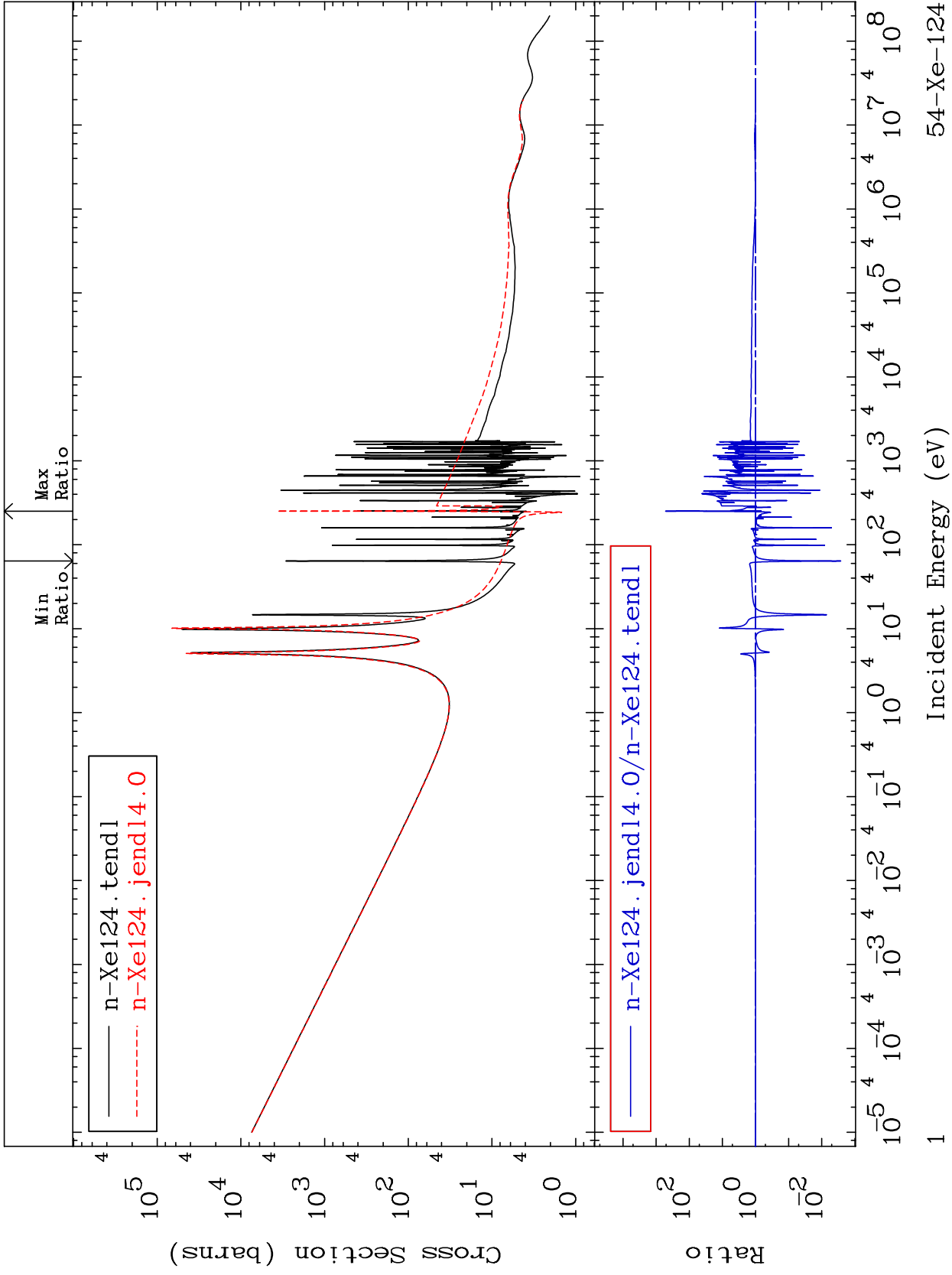


MAT 5425

Total Cross Section  
54-Xe-124  
-99.73 To 9999. %



54-Xe-124

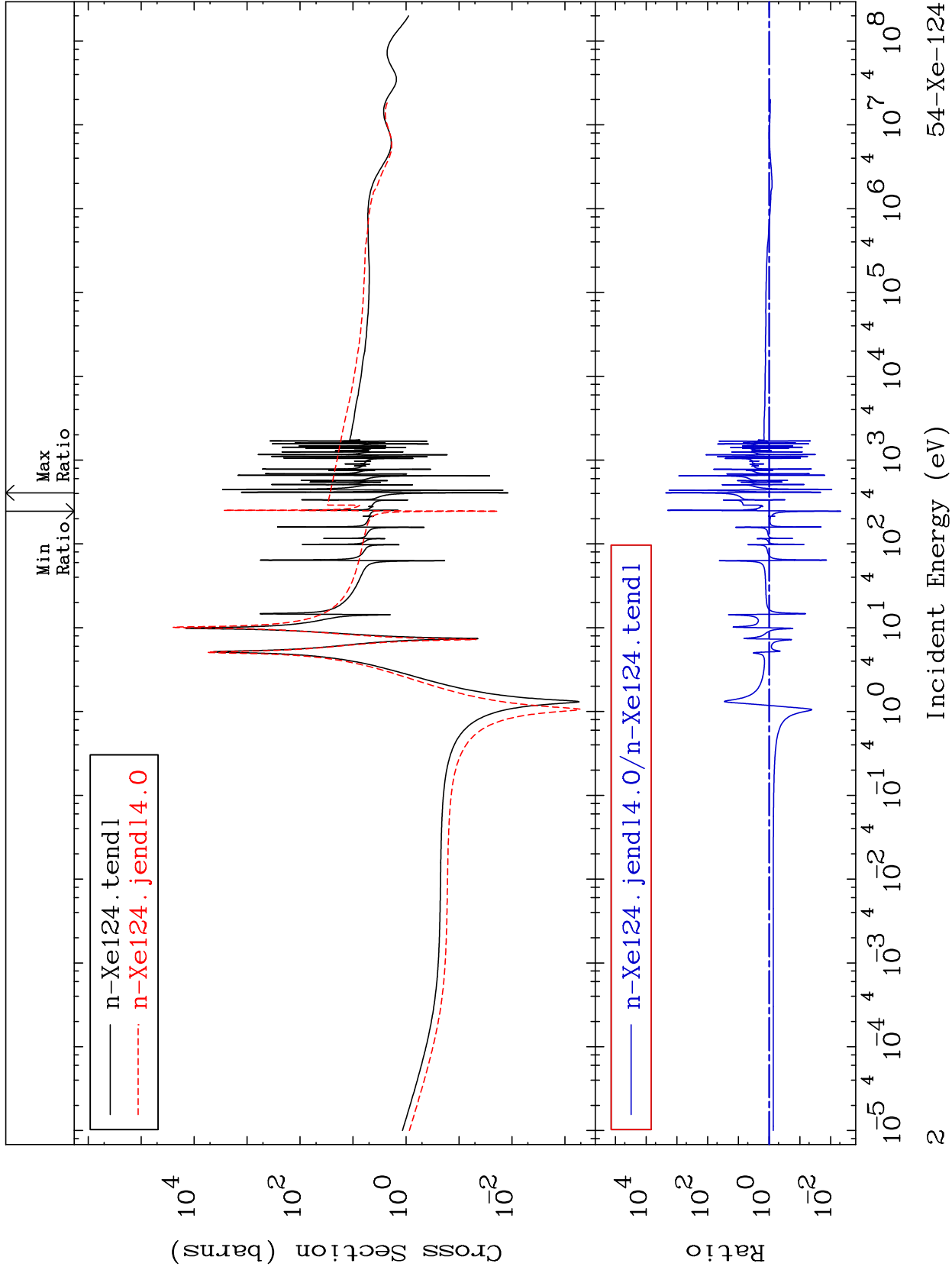
MAT 5425

Elastic

54-Xe-124

Cross Section

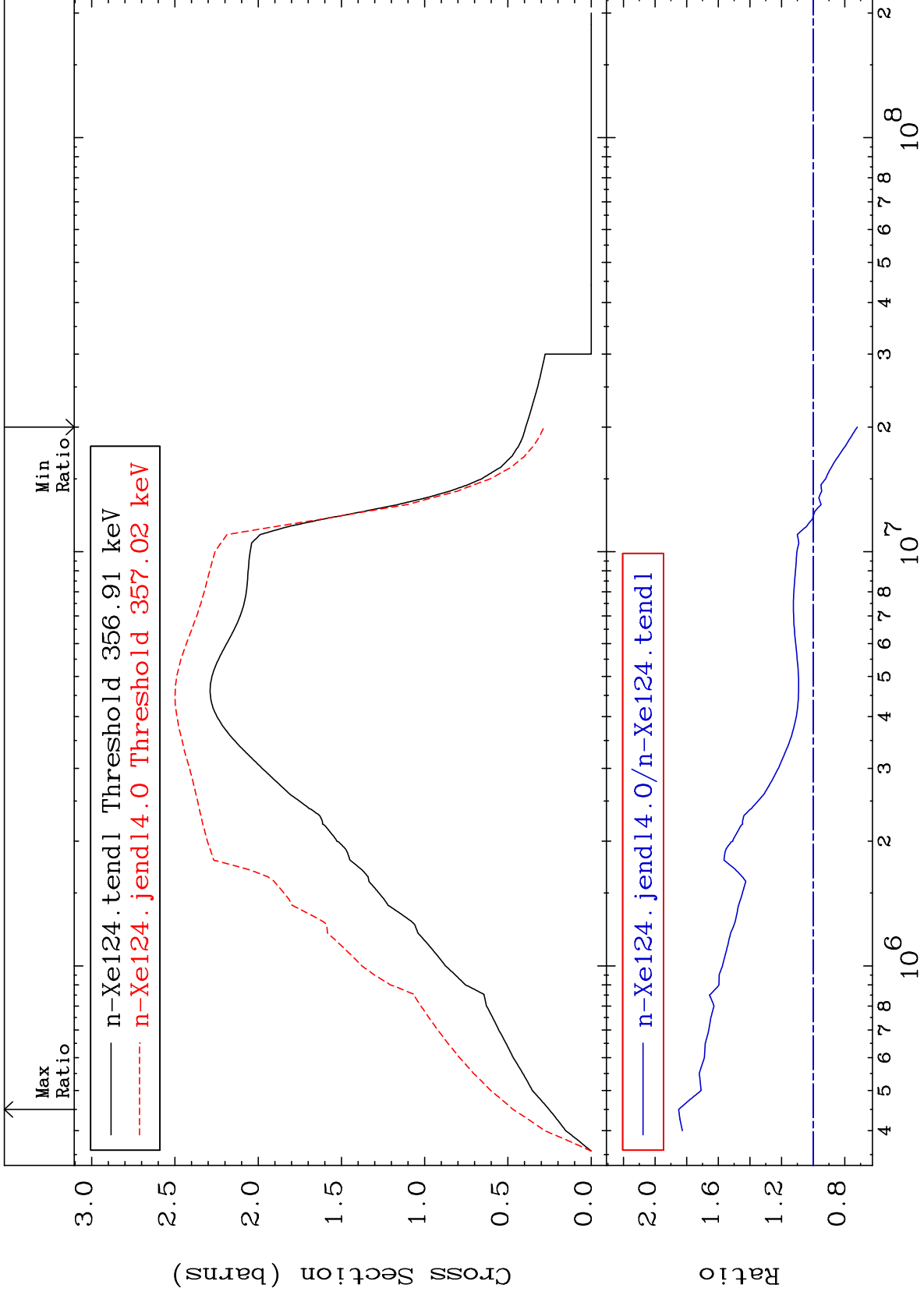
-99.53 To 9999. %



MAT 5425

Inelastic  
Cross Section

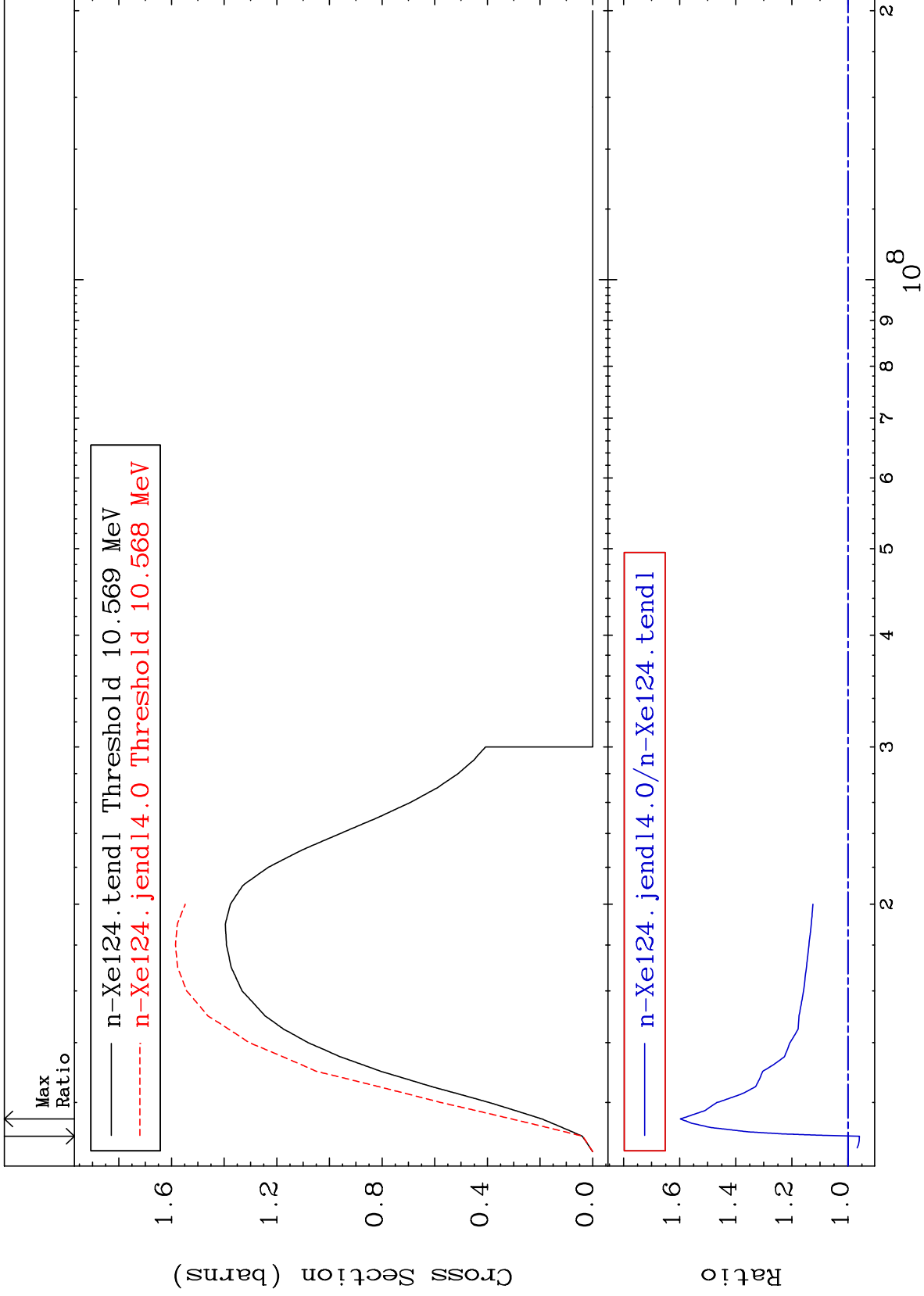
54-Xe-124  
-27.93 To 85.14 %



MAT 5425

(n,2n)  
Cross Section

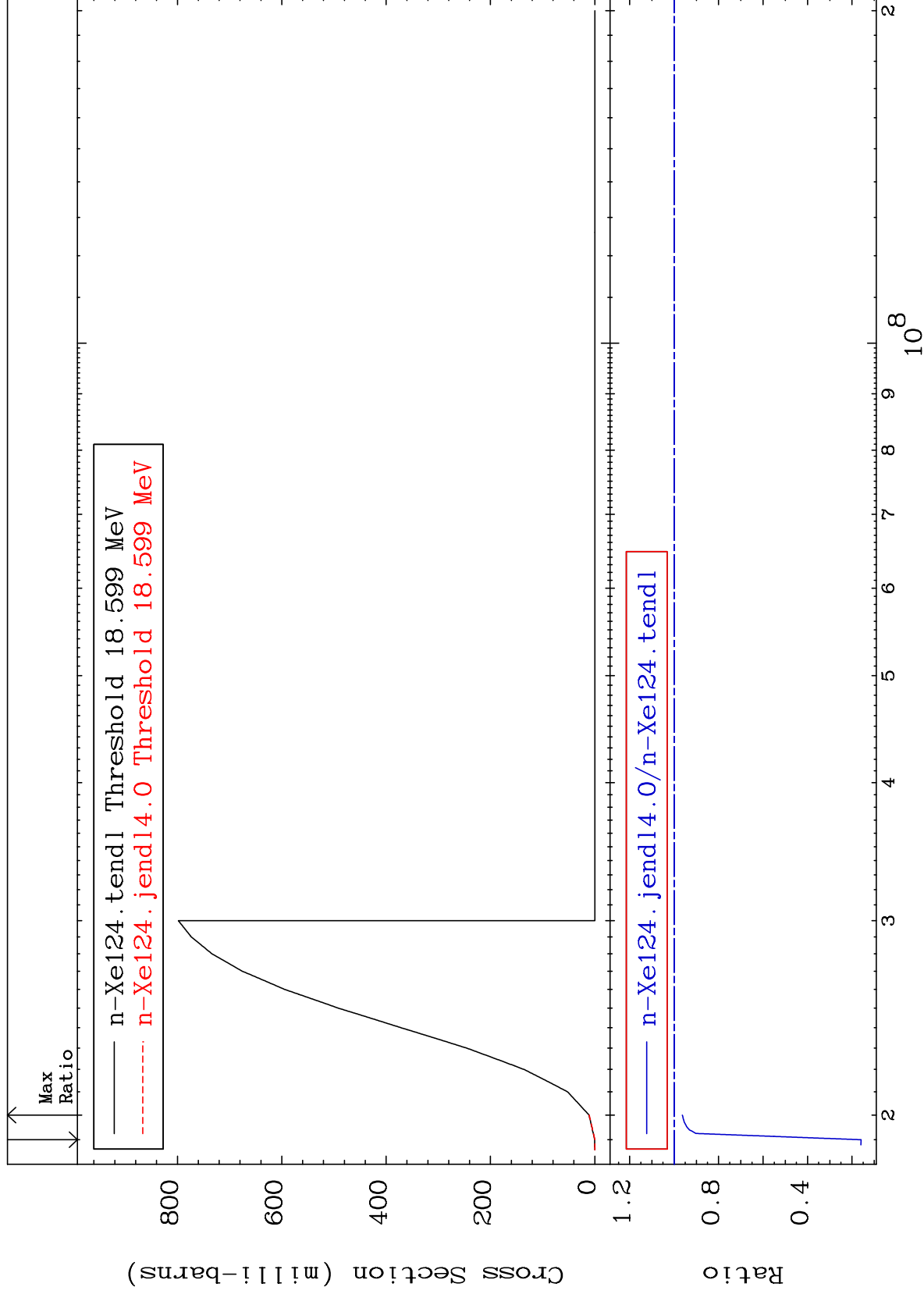
54-Xe-124  
-4.085 To 59.75 %



MAT 5425

(n,3n)  
Cross Section

54-Xe-124  
-84.08 To -3.688%



5

Incident Energy (eV)

54-Xe-124

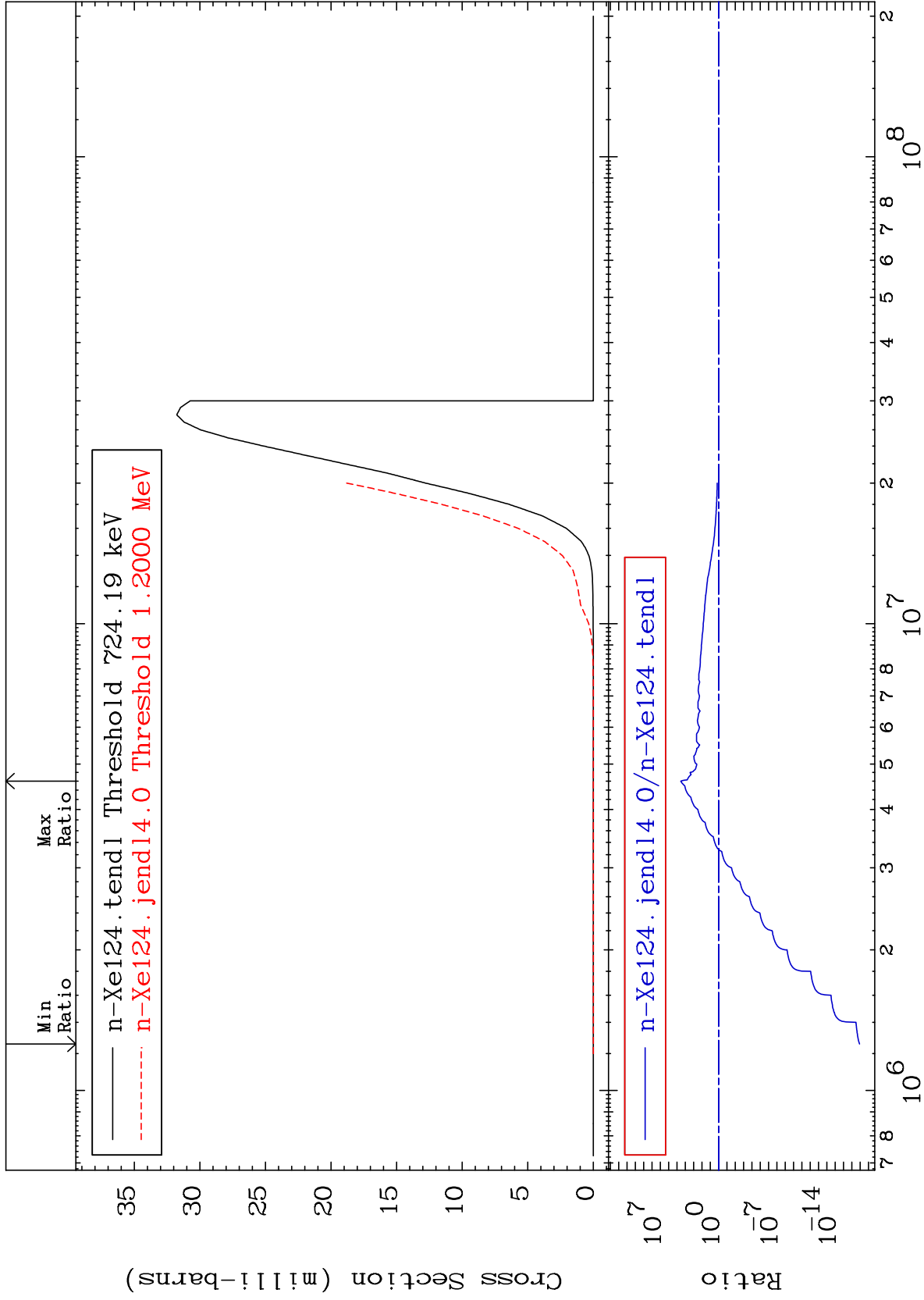
MAT 5425

(n, n')  $\alpha$

54-Xe-124

Cross Section

-100.0 To 9999. %



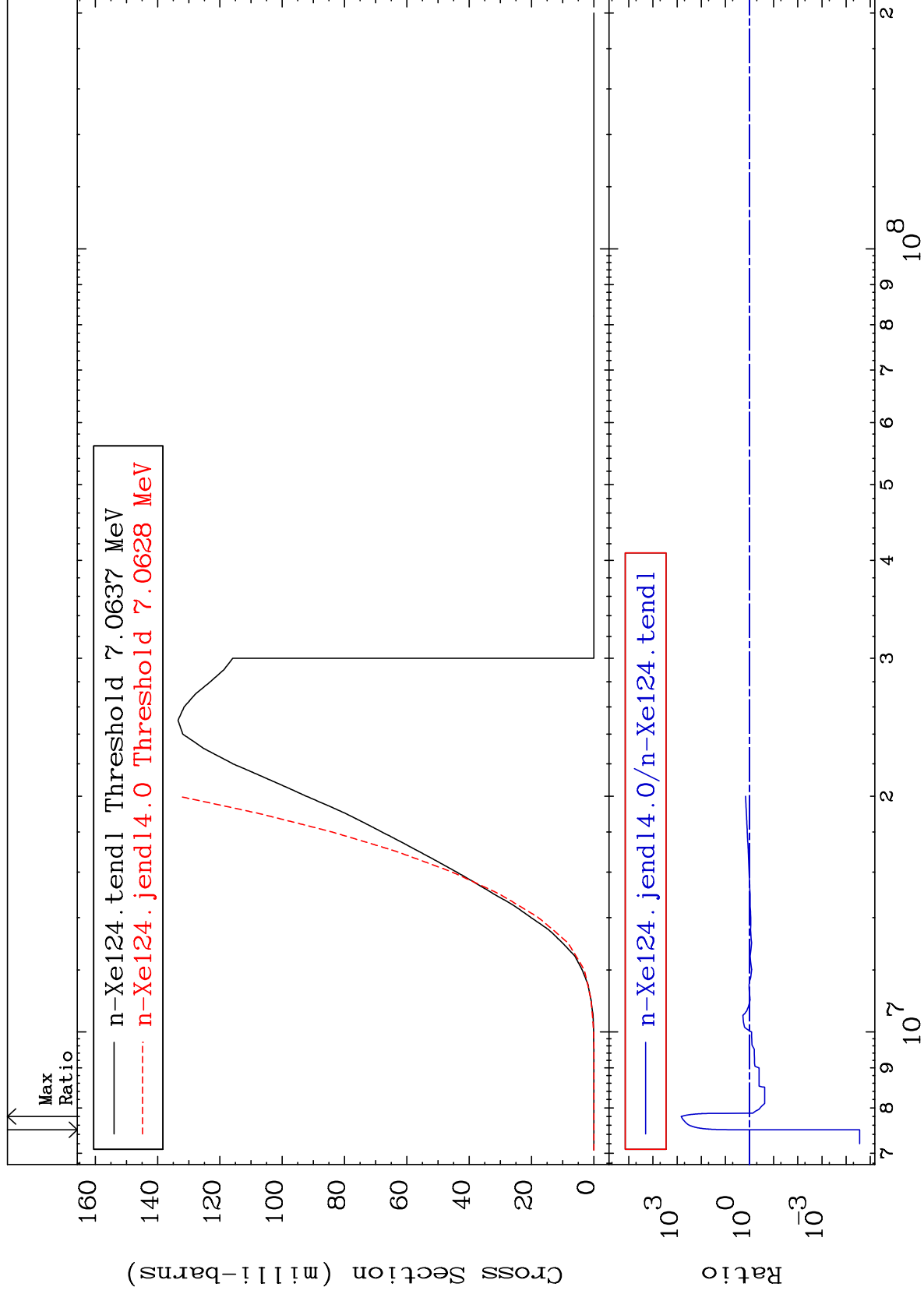
Incident Energy (eV)

54-Xe-124

MAT 5425

(n,n') p  
Cross Section

54-Xe-124  
-100.0 To 9999. %



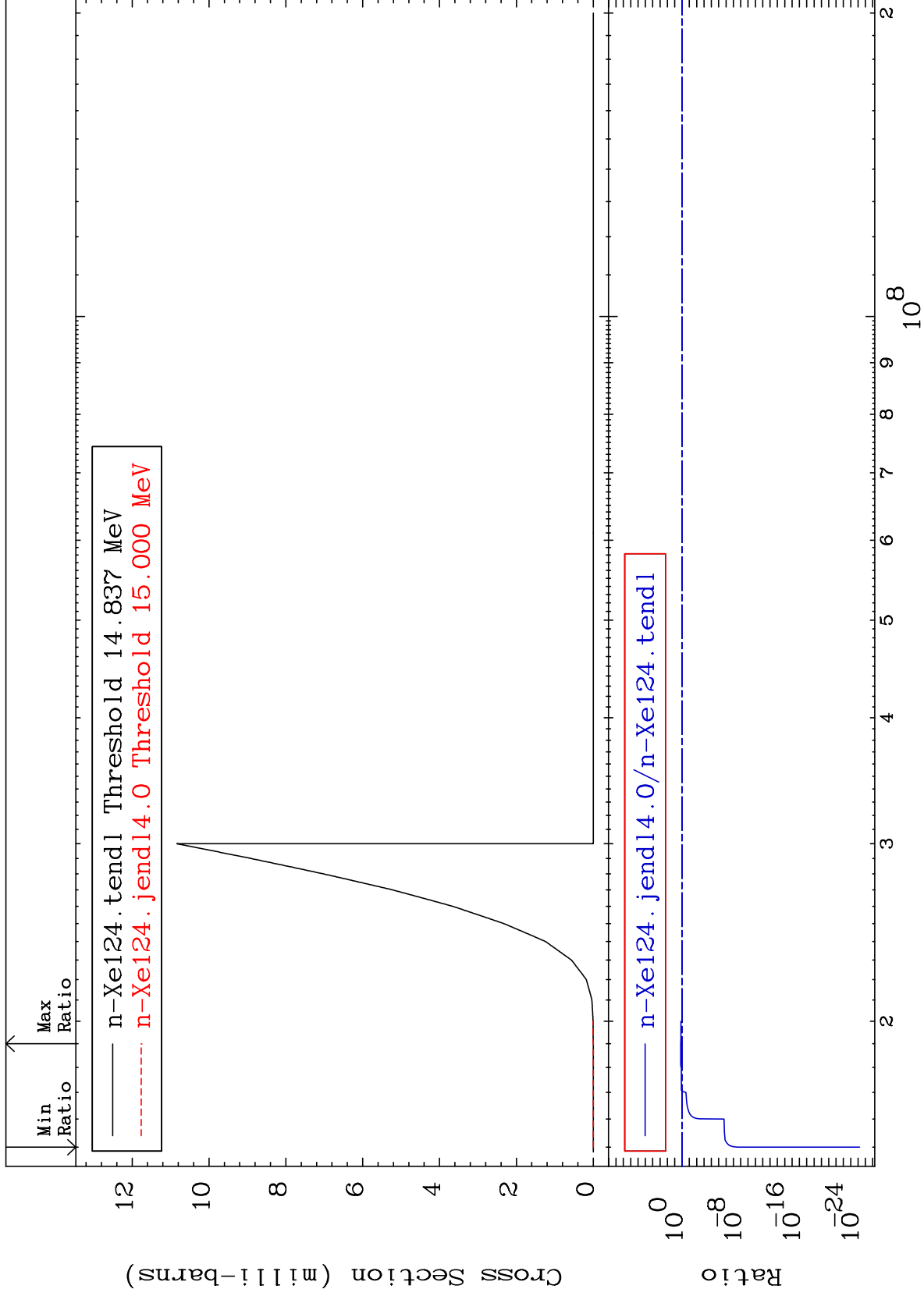
7

Incident Energy (eV)

54-Xe-124

Cross Section

-100.0 To 48.02 %

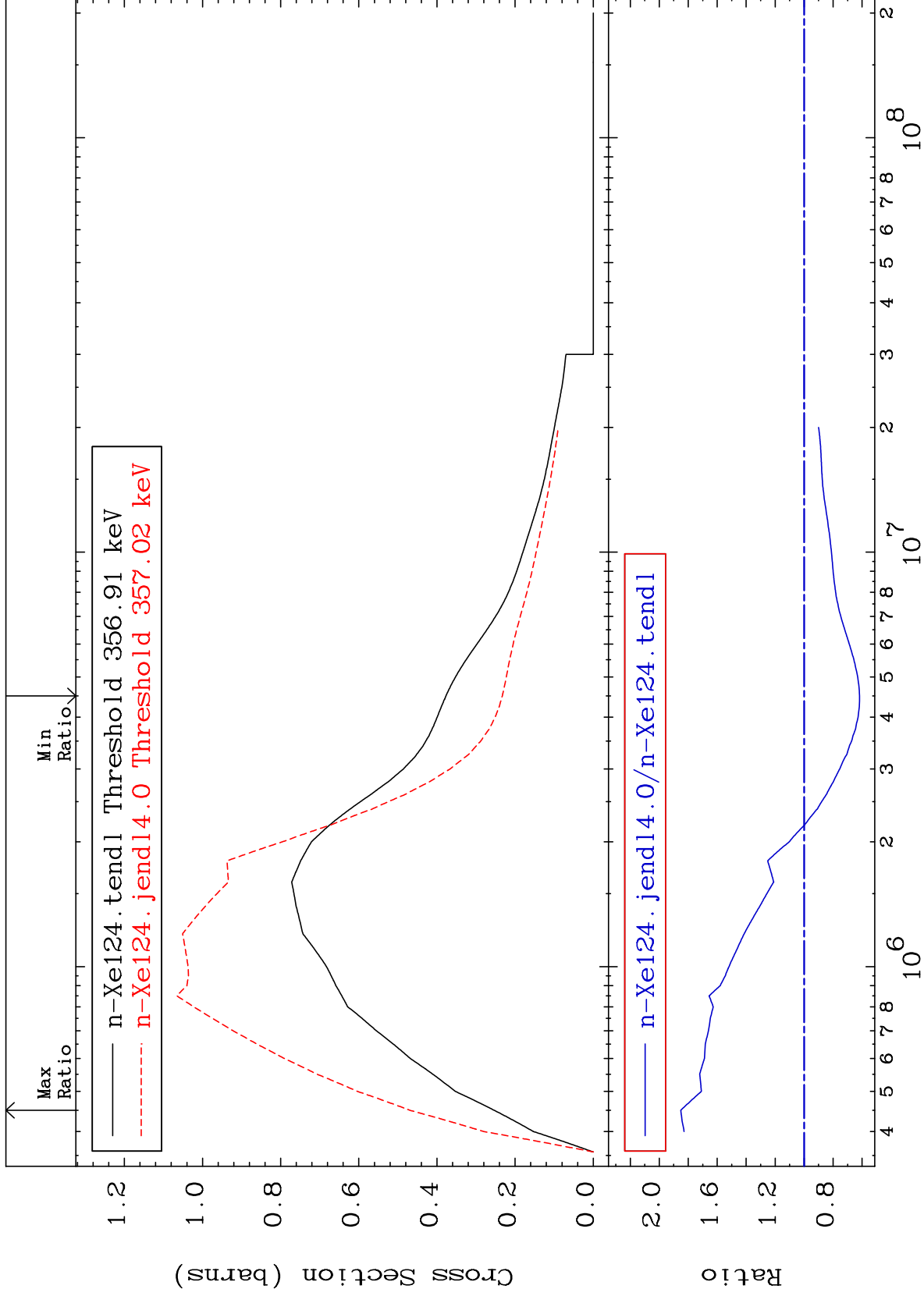




MAT 5425

MT= 51 (n,n') Level  
Cross Section

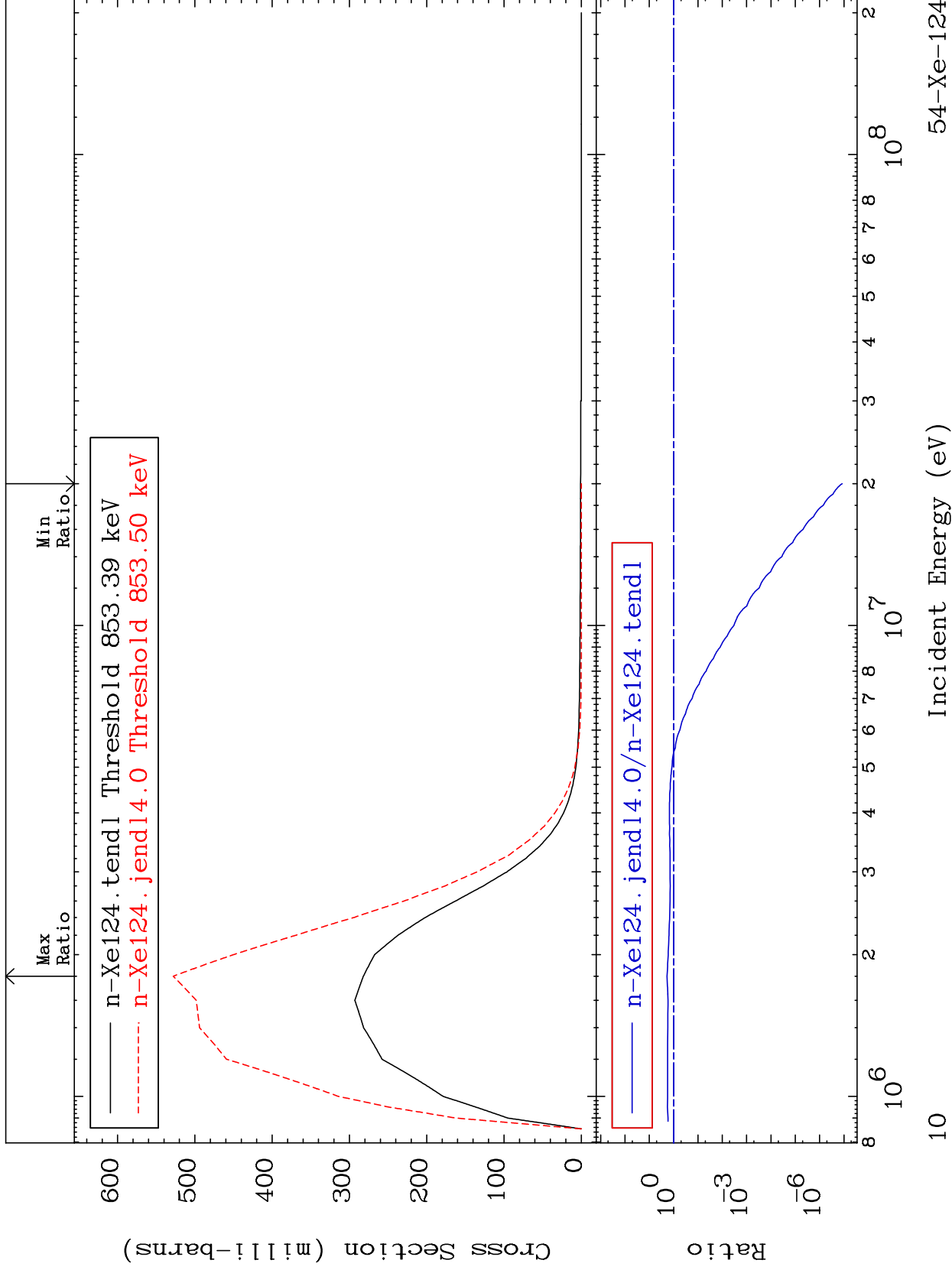
54-Xe-124  
-38.25 To 85.14 %



MAT 5425

MT= 52 (n,n') Level  
Cross Section

54-Xe-124  
-100.0 To 87.27 %



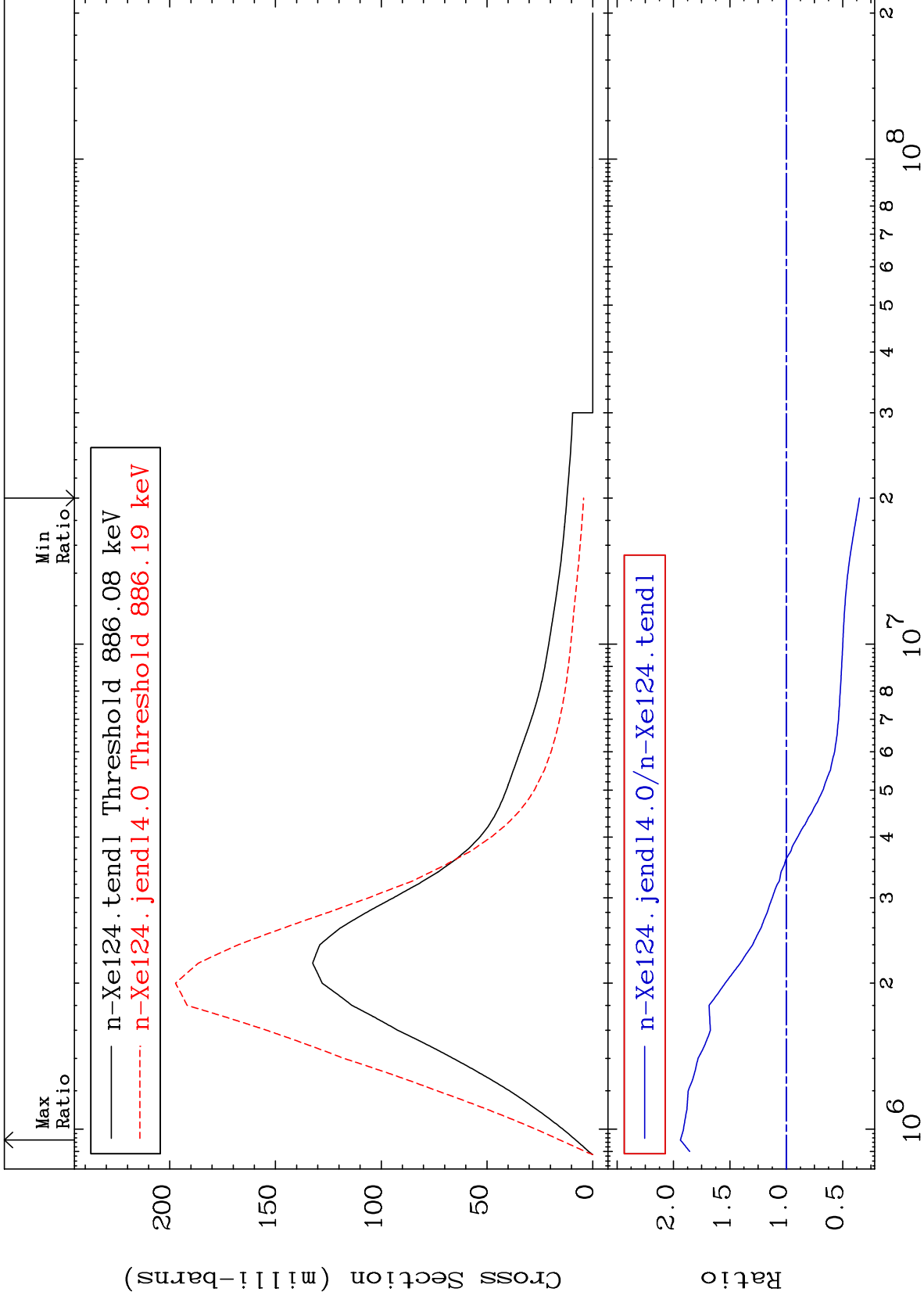
54-Xe-124

Incident Energy (eV)

MAT 5425

MT= 53 (n, n') Level  
Cross Section

54-Xe-124  
-64.85 To 93.90 %



11

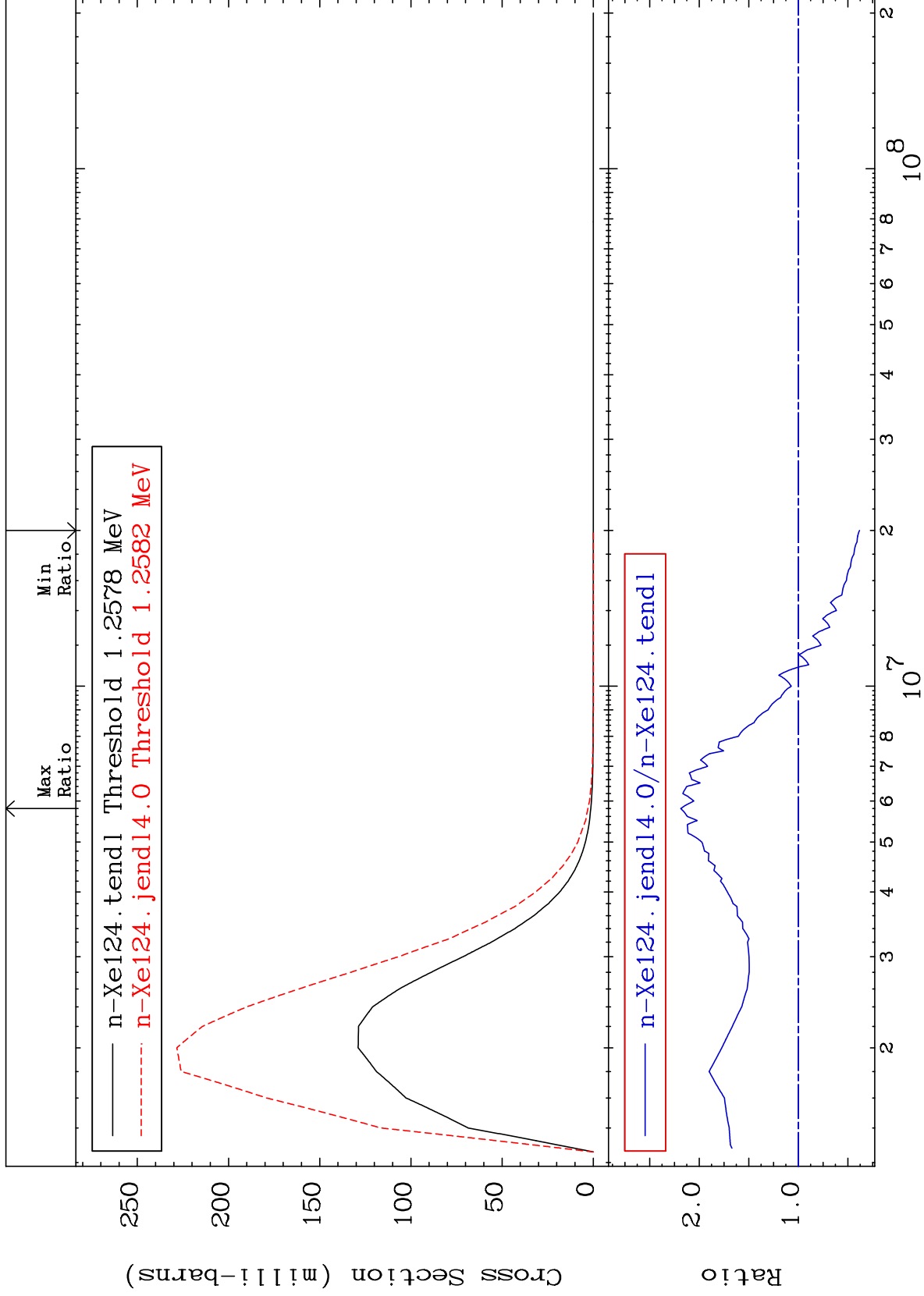
Incident Energy (eV)

54-Xe-124

MAT 5425

MT= 54 (n, n') Level  
Cross Section

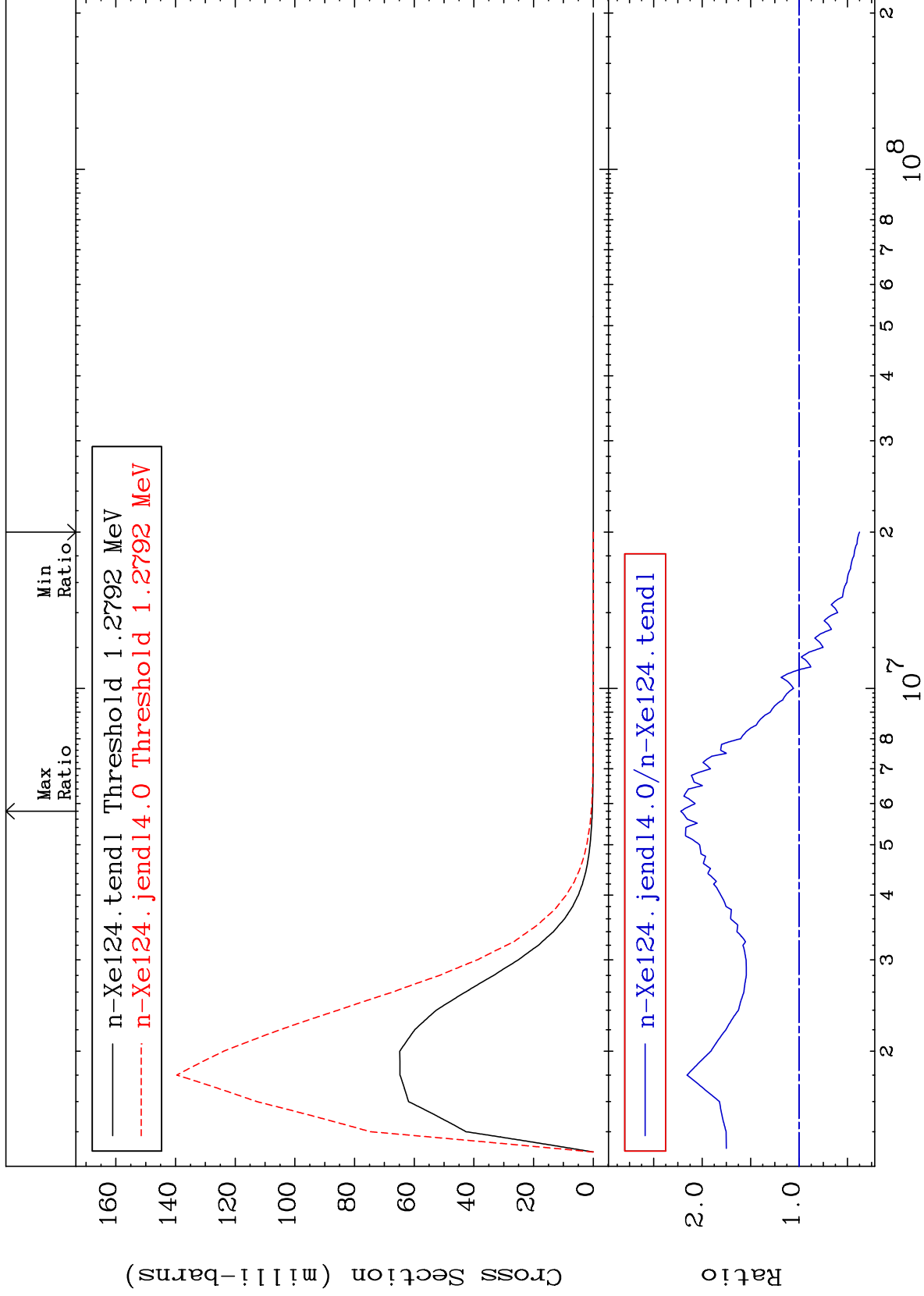
54-Xe-124  
-61.85 To 118.6 %



12

Incident Energy (eV)

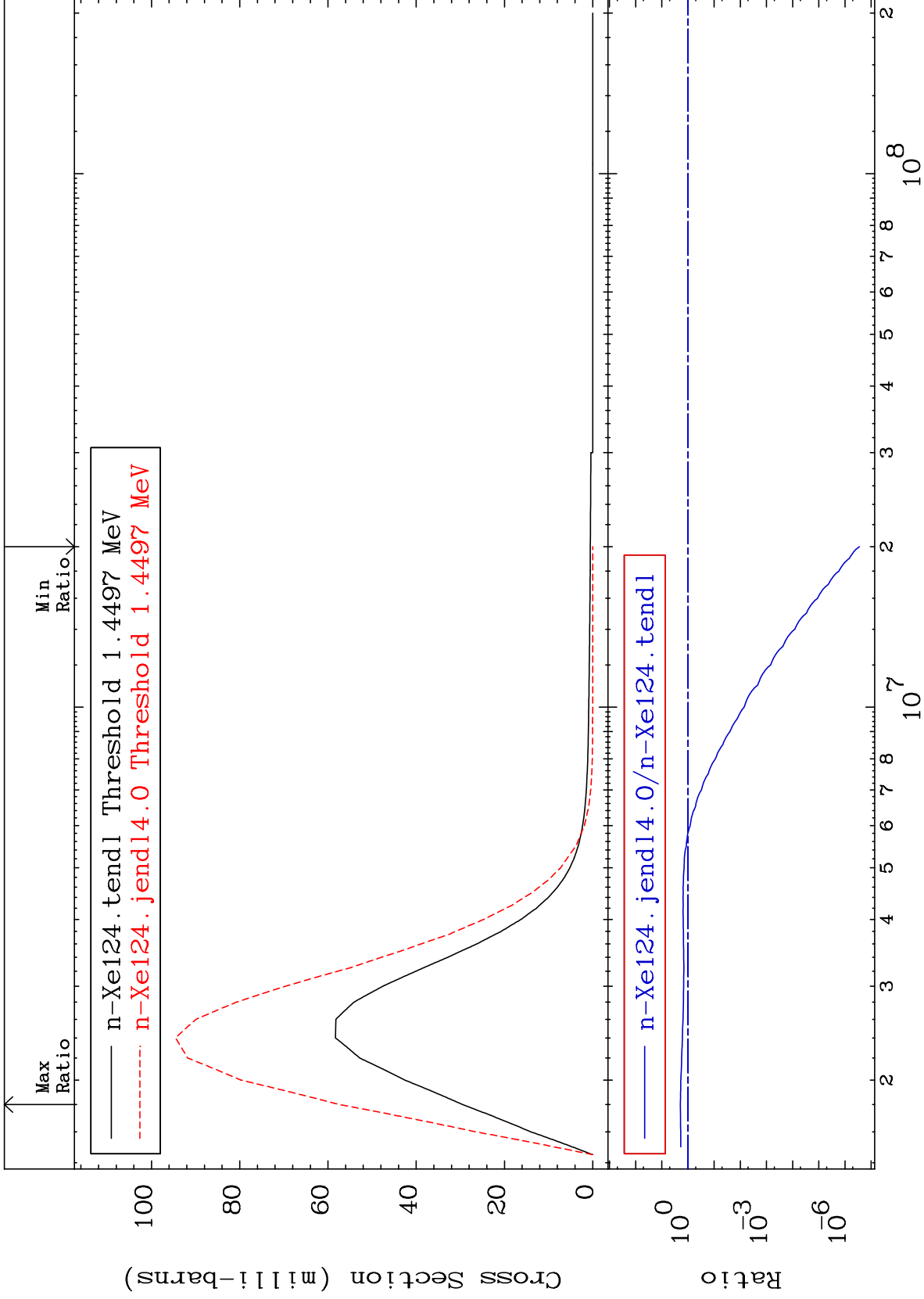
54-Xe-124



MAT 5425

MT= 56 (n,n') Level  
Cross Section

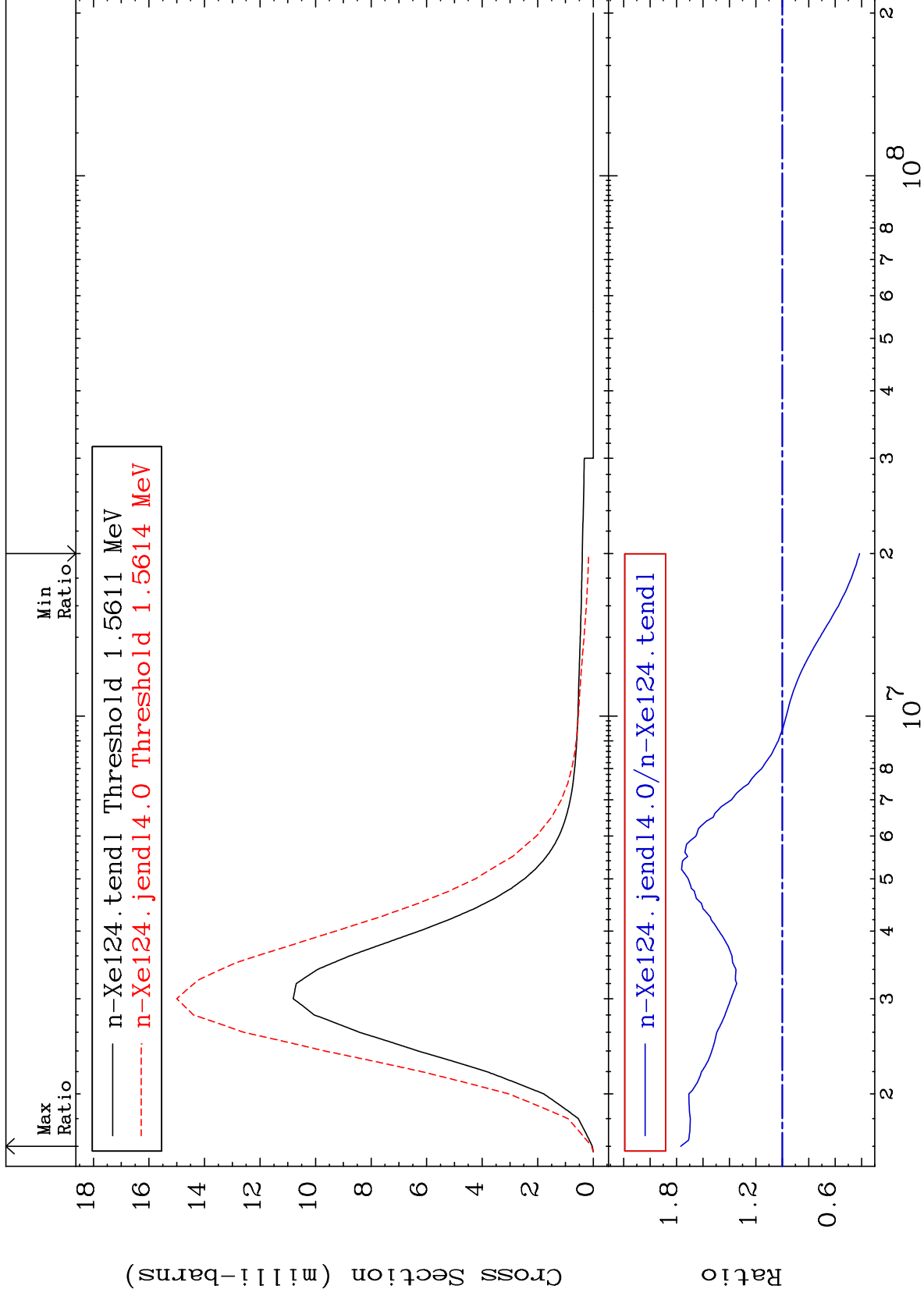
54-Xe-124  
-100.0 To 94.63 %



MAT 5425

MT= 57 (n, n') Level  
Cross Section

54-Xe-124  
-58.49 To 76.75 %



15

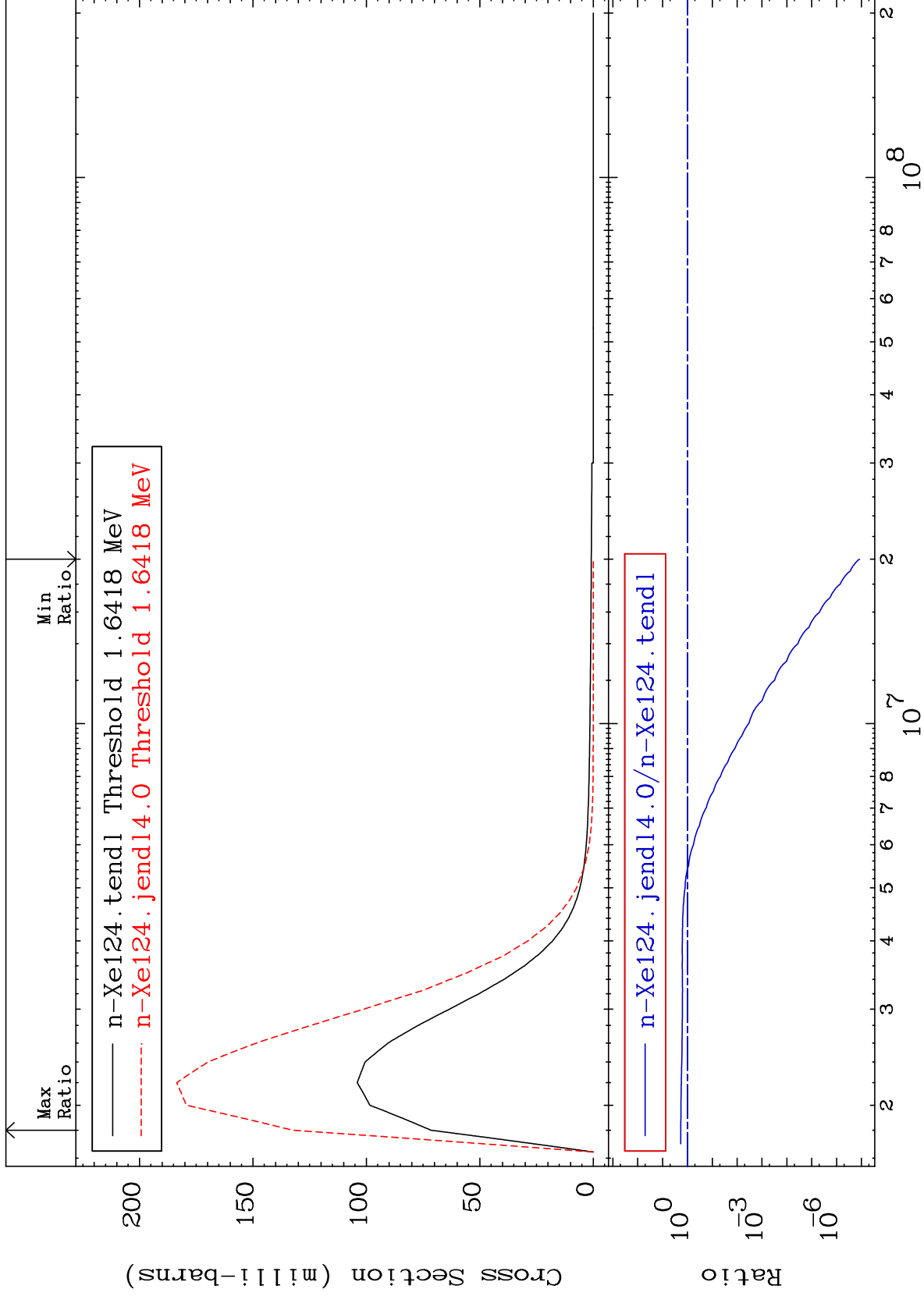
Incident Energy (eV)

54-Xe-124

MAT 5425

MT= 58 (n,n') Level  
Cross Section

54-Xe-124  
-100.0 To 85.14 %



16

Incident Energy (eV)

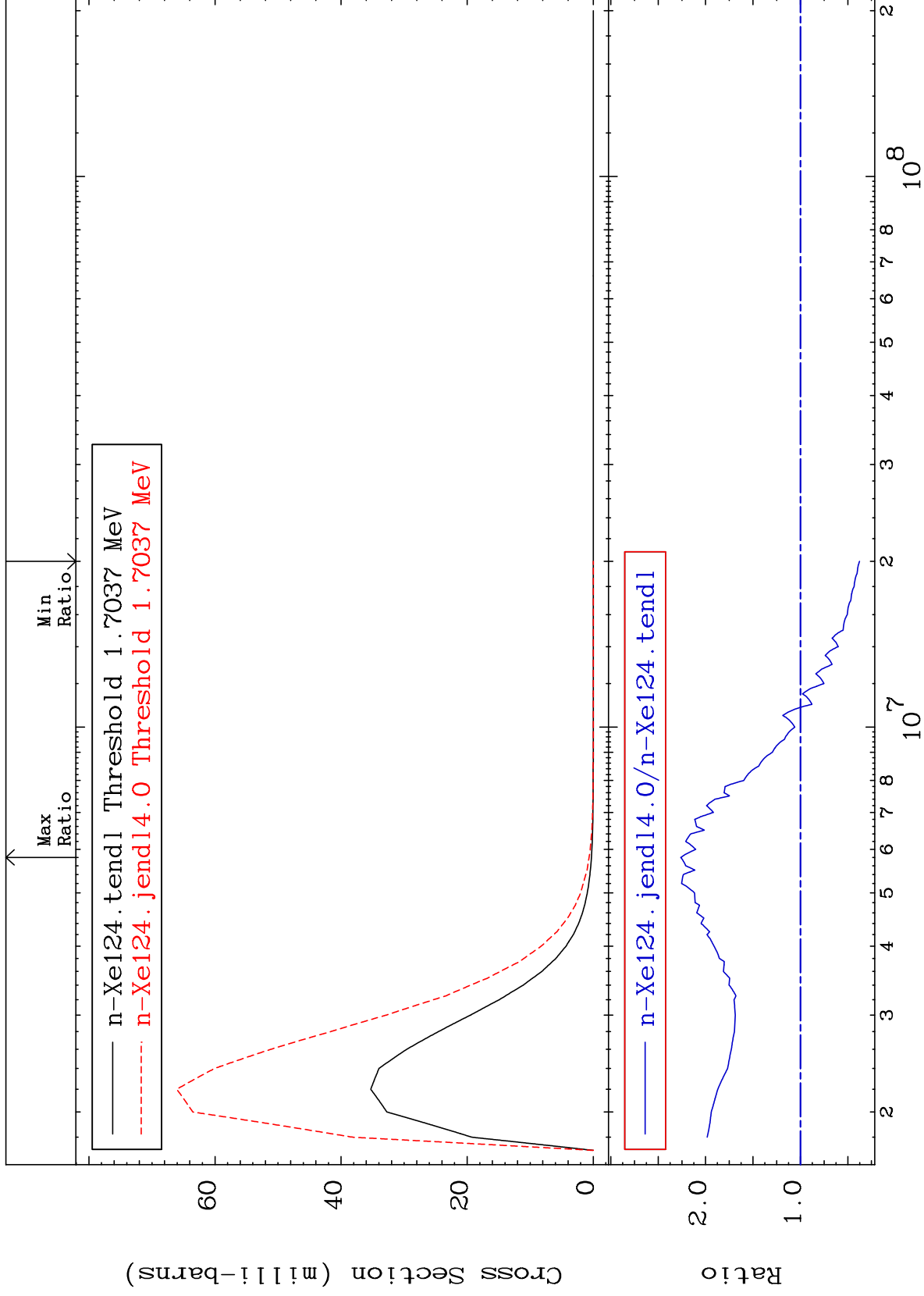
54-Xe-124



MAT 5425

MT= 59 (n,n') Level  
Cross Section

54-Xe-124  
-62.39 To 126.2 %



17

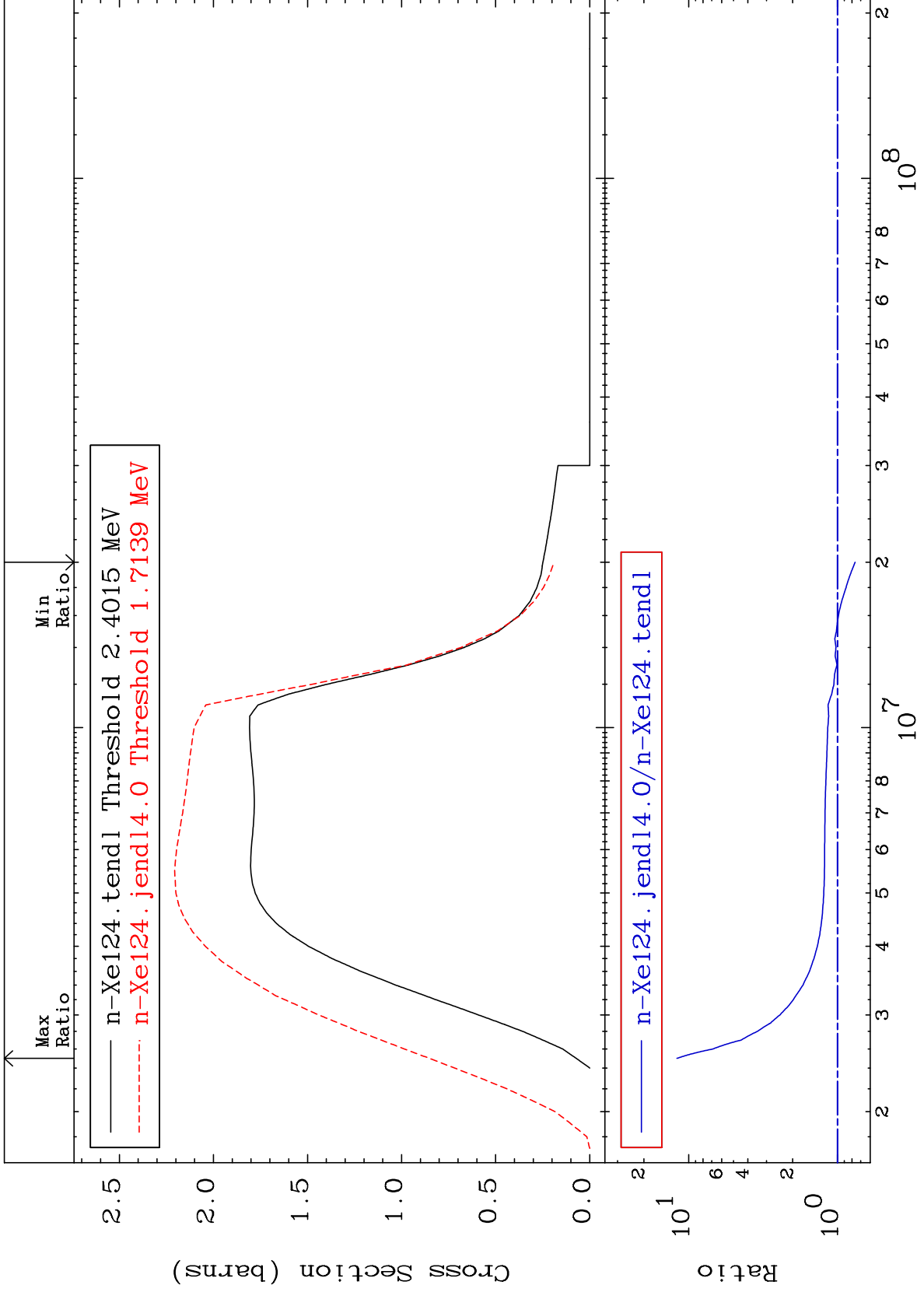
Incident Energy (eV)

54-Xe-124

MAT 5425

(n, n') Continuum  
Cross Section

54-Xe-124  
-23.79 To 1099. %



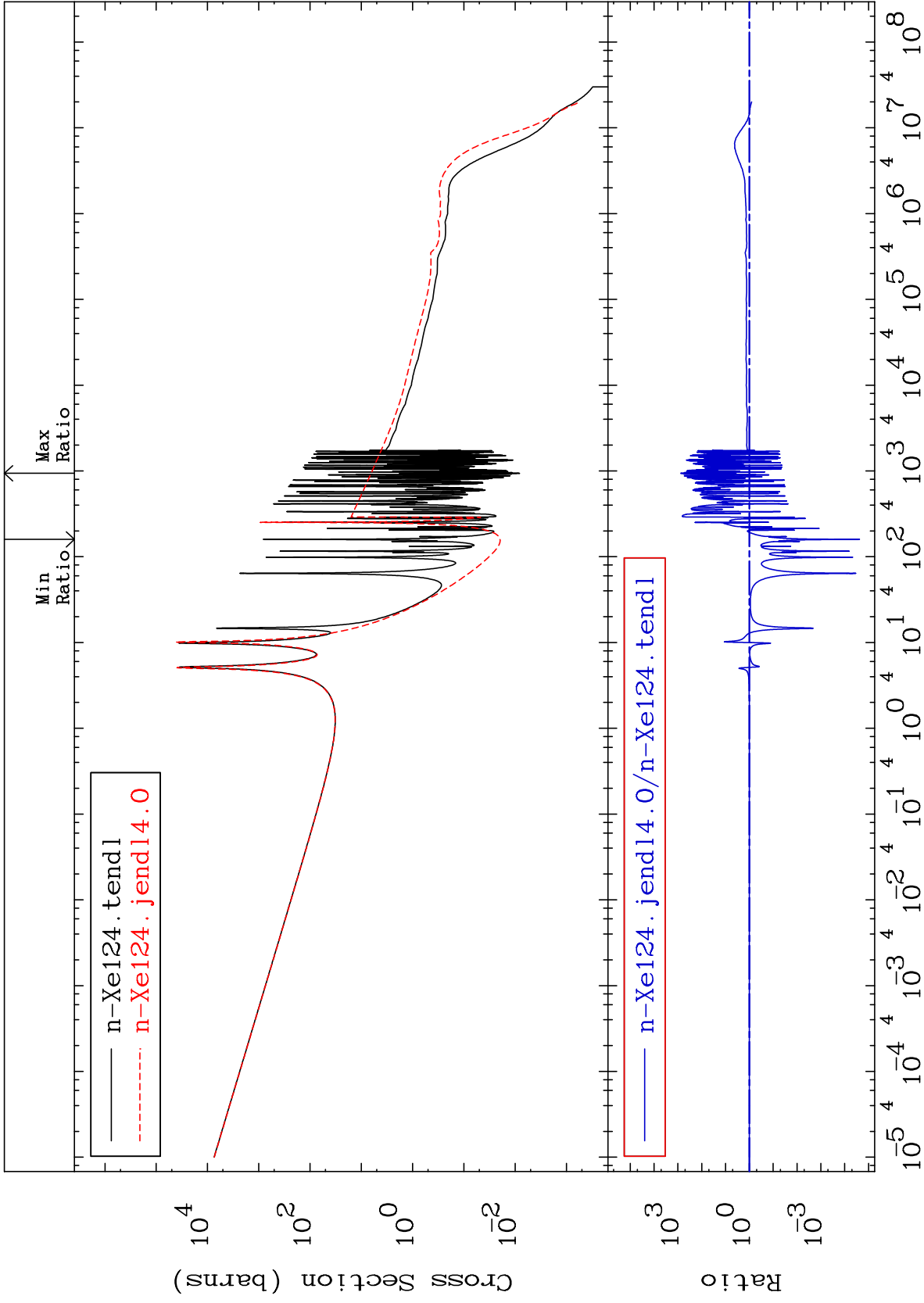
18

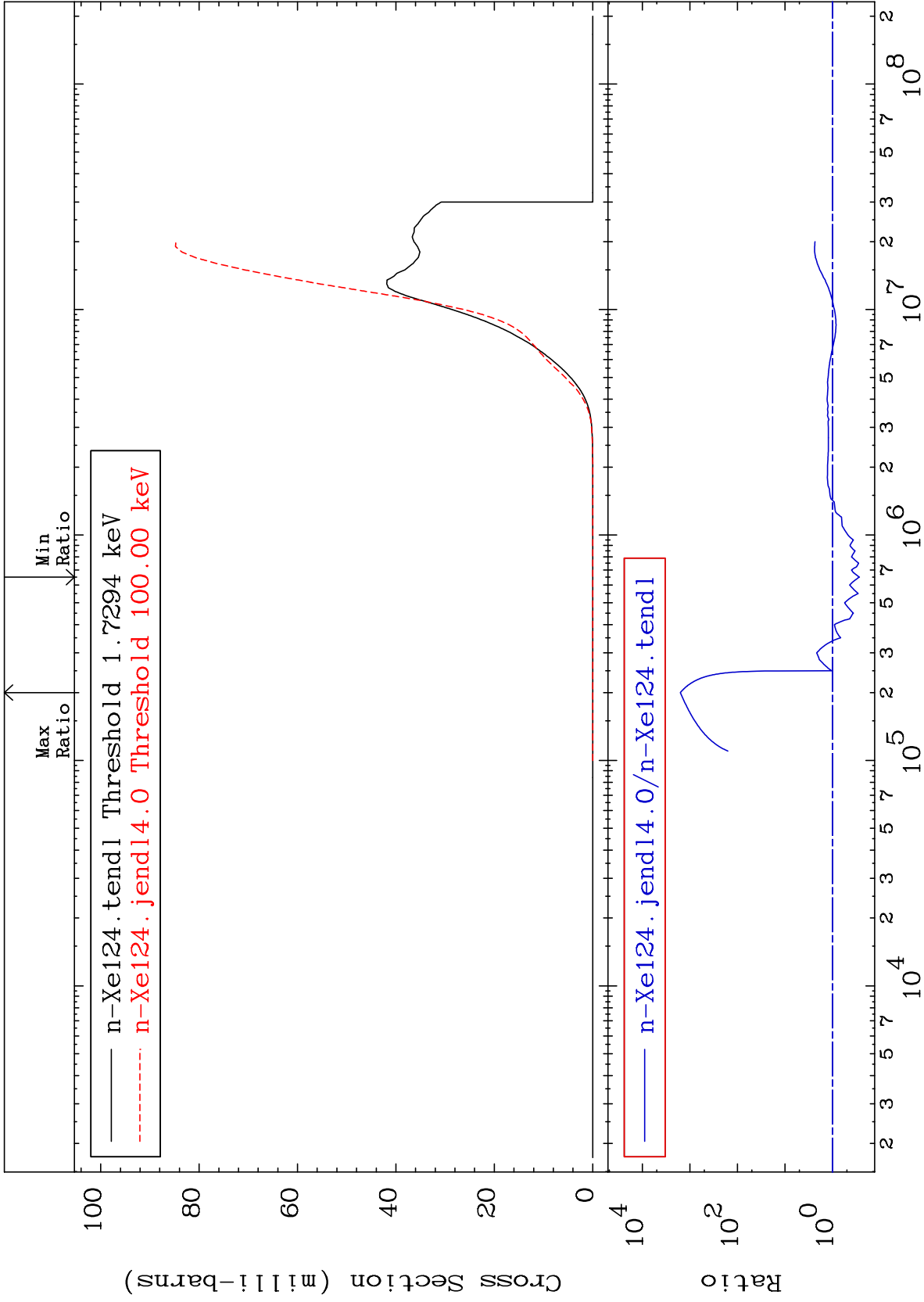
Incident Energy (eV)

54-Xe-124

MAT 5425

(n,  $\gamma$ )  
Cross Section  
54-Xe-124  
-100.0 To 9999. %

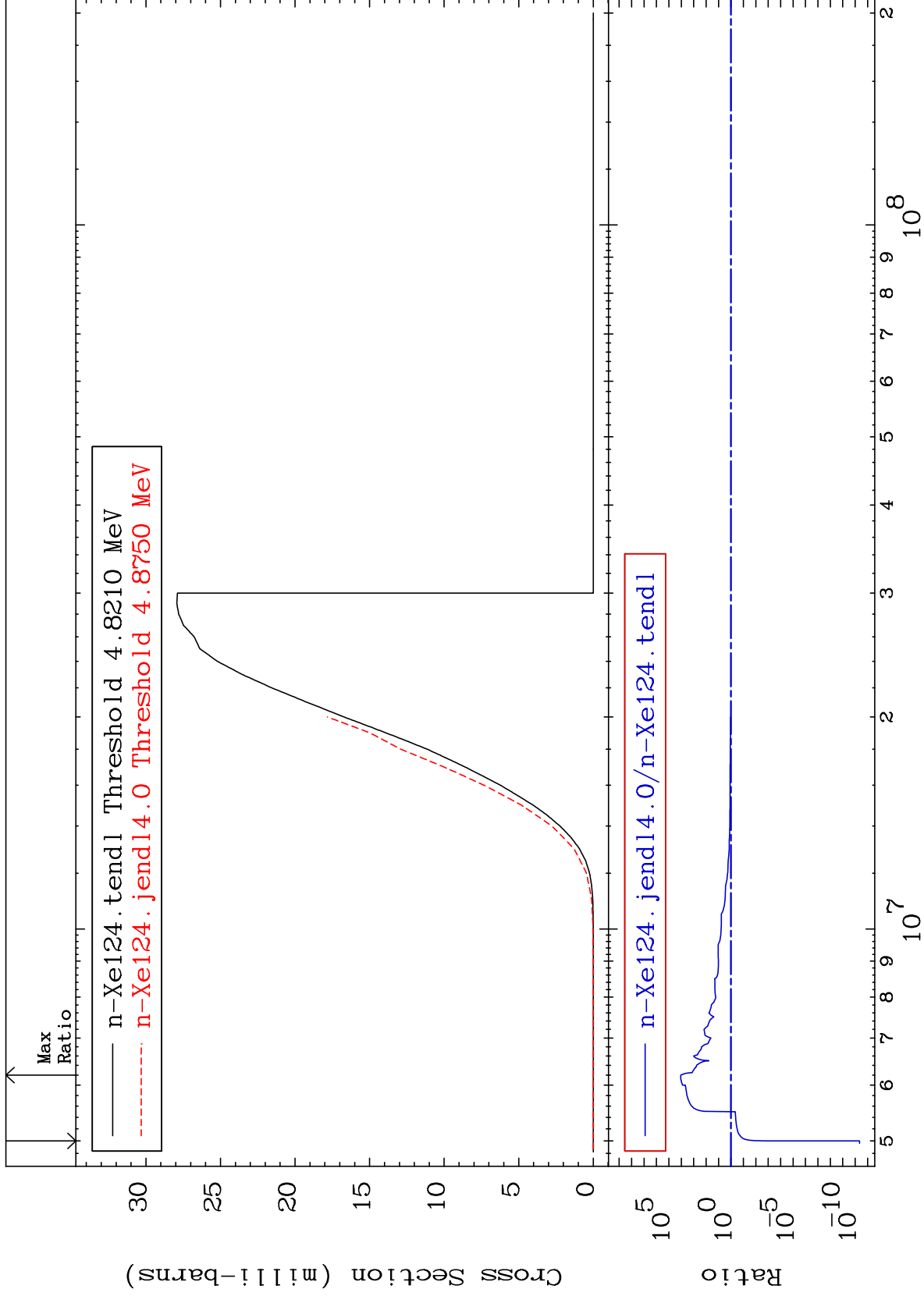




MAT 5425

(n, d)  
Cross Section

54-Xe-124  
-100.0 To 9999. %



21

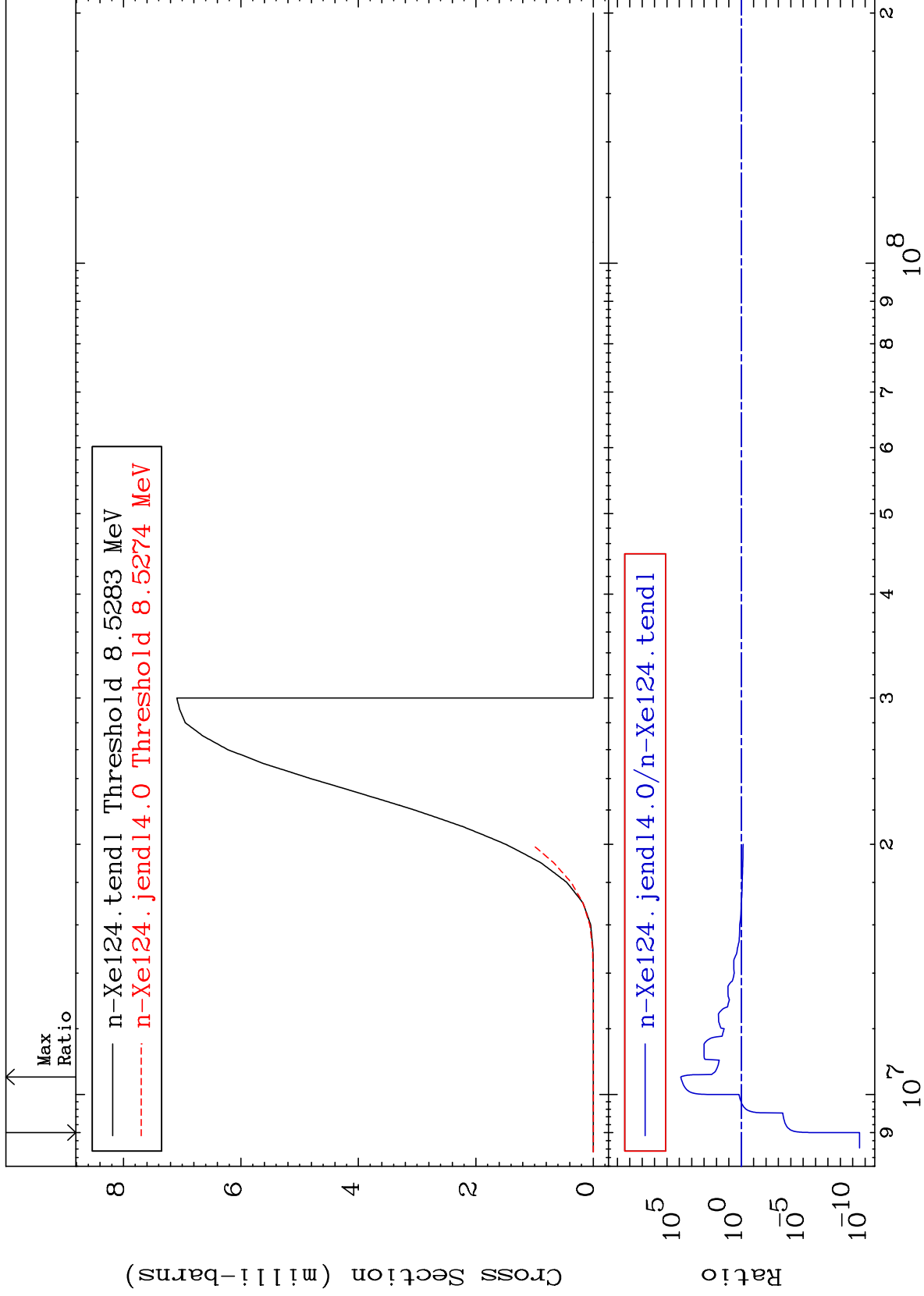
Incident Energy (eV)

54-Xe-124

MAT 5425

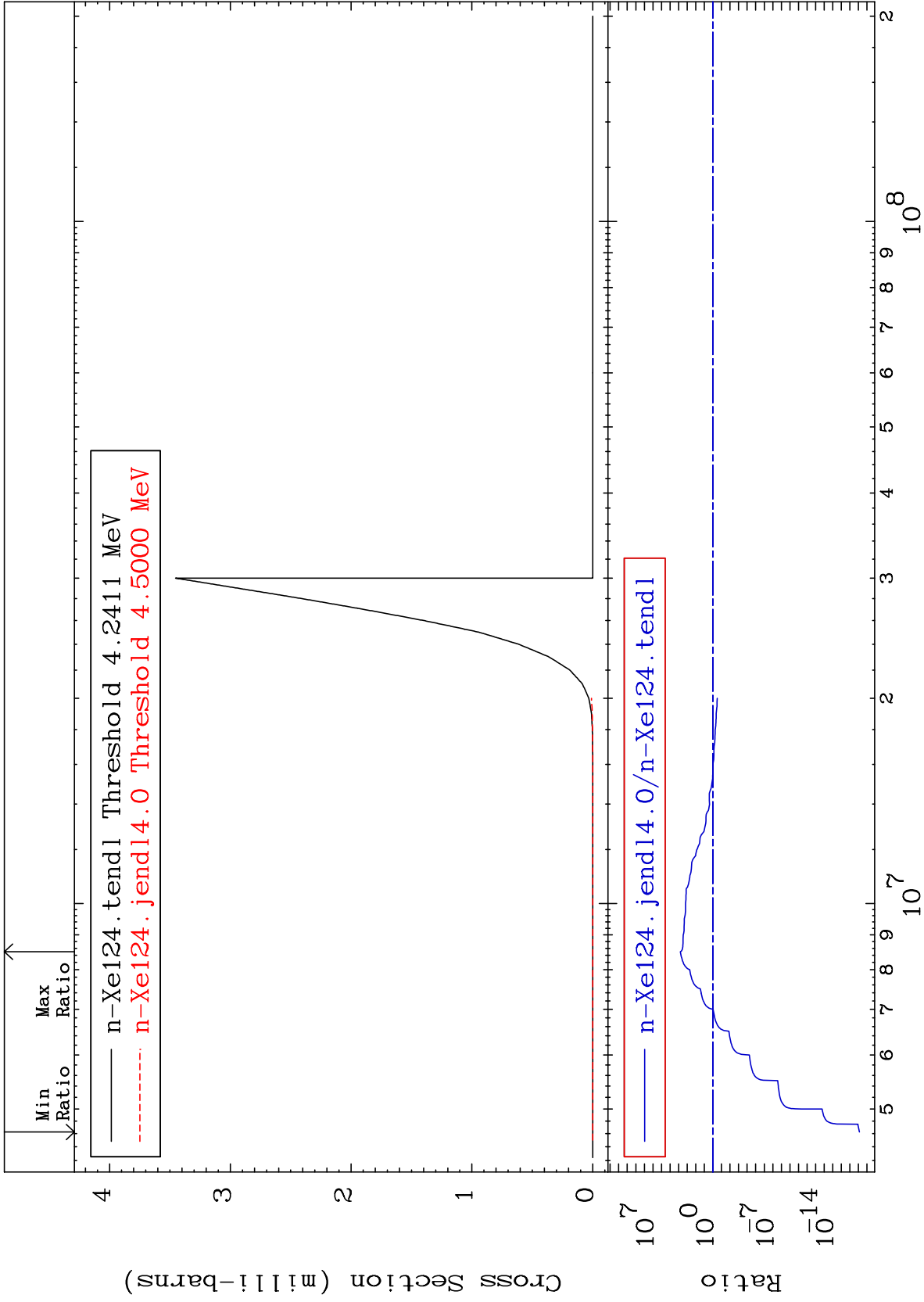
(n, t)  
Cross Section

54-Xe-124  
-100.0 To 9999. %



Cross Section

-100.0 To 9999. %



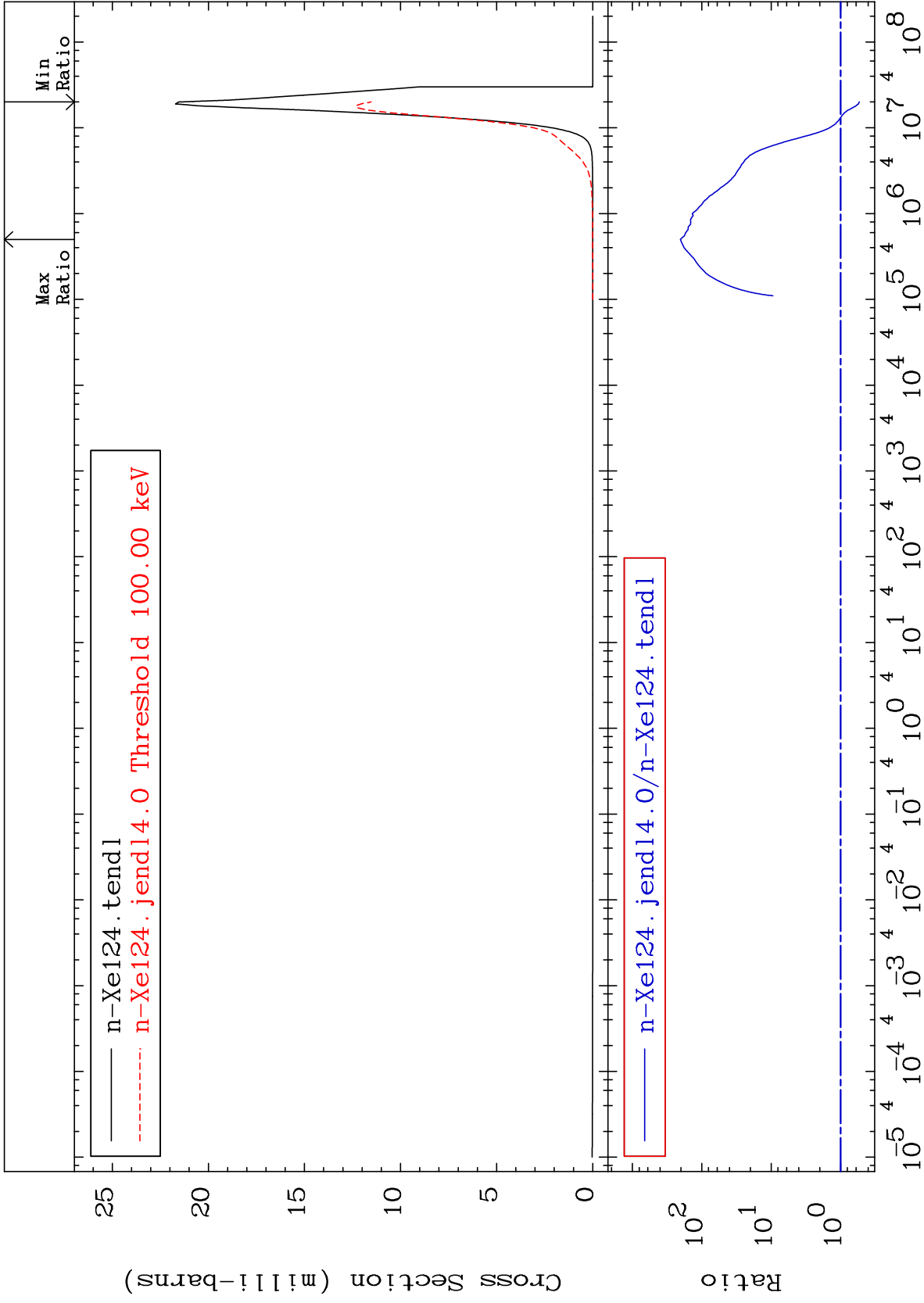
MAT 5425

(n,  $\alpha$ )

54-Xe-124

Cross Section

-46.47 To 9999. %

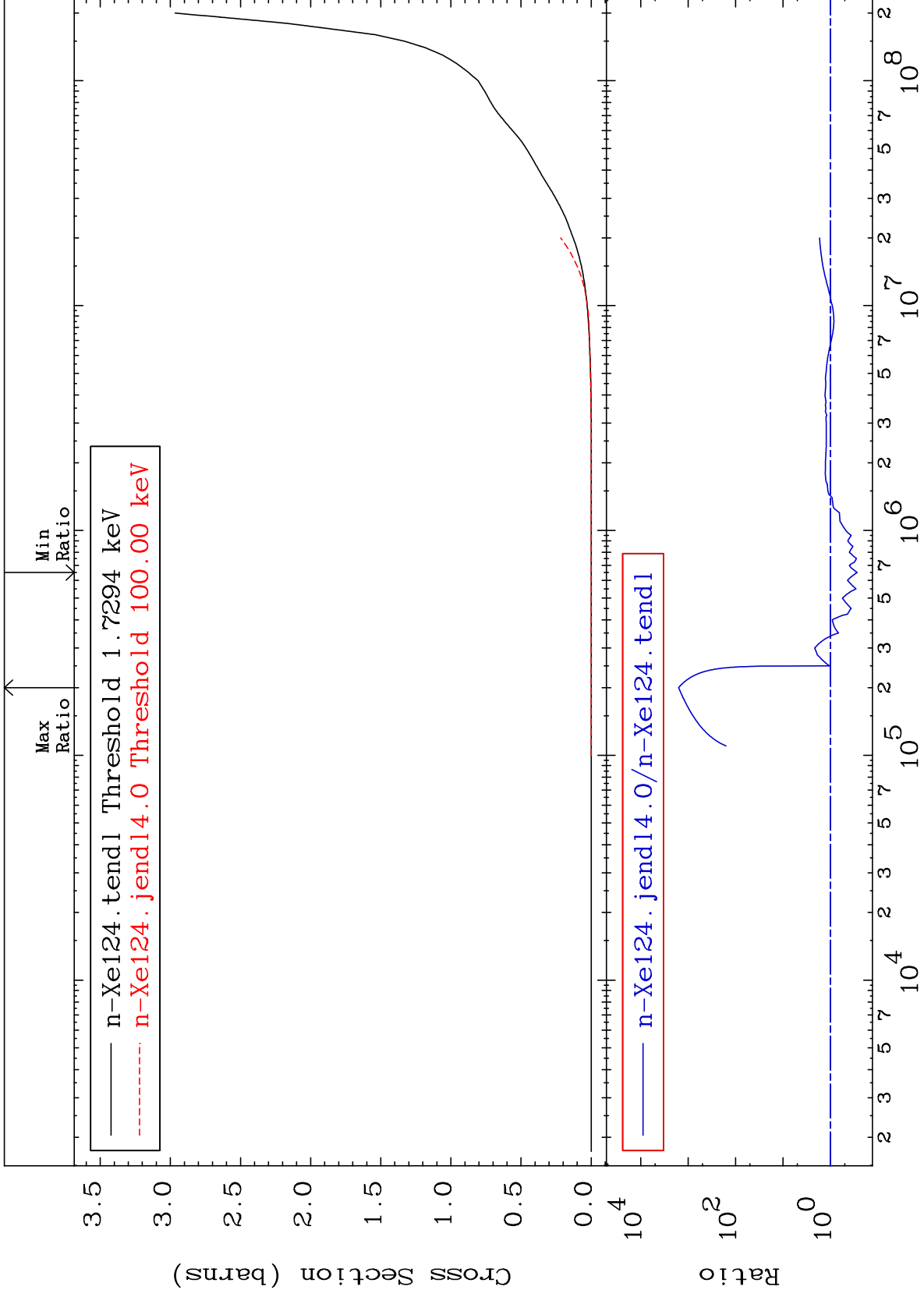


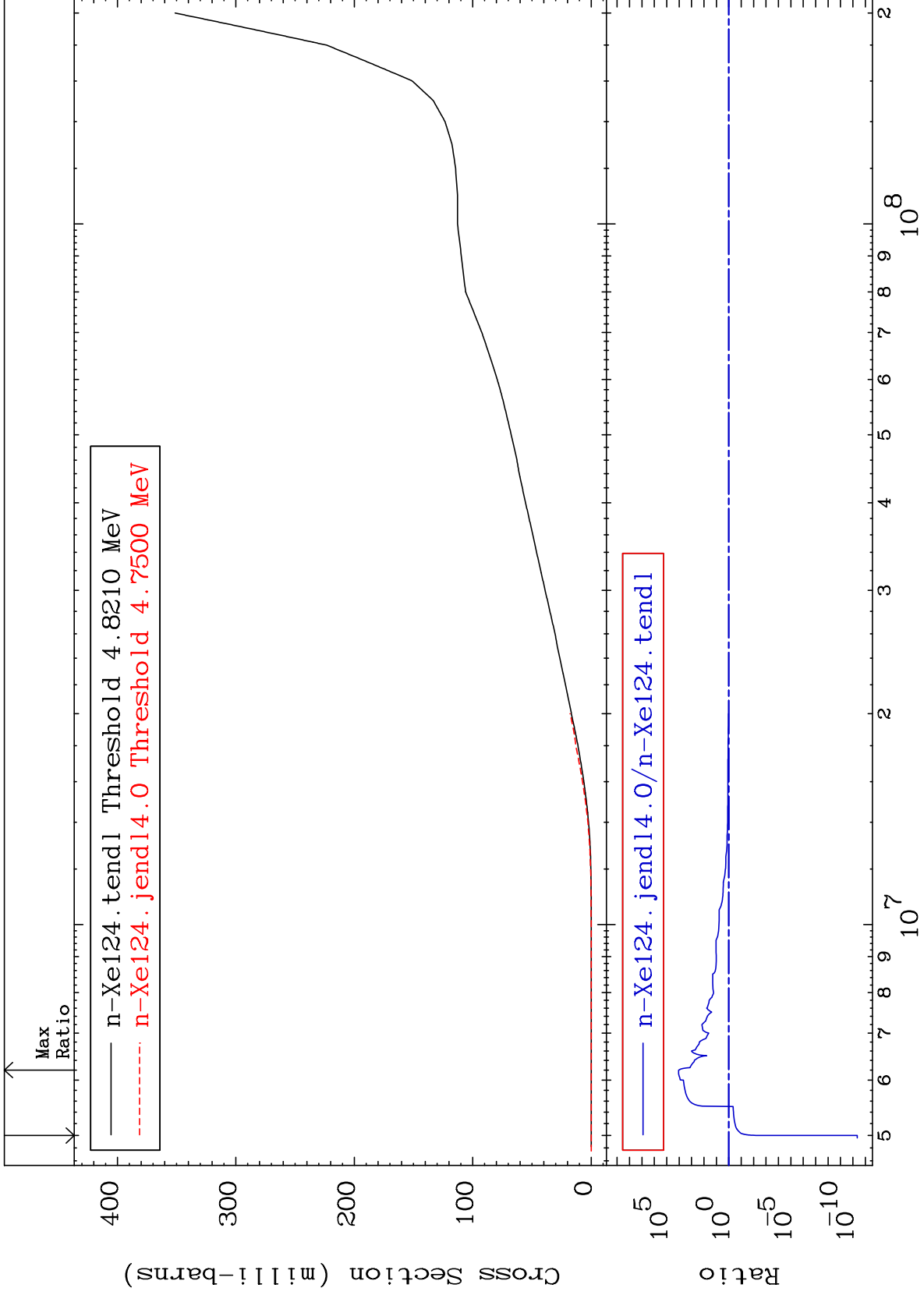
24

Incident Energy (eV)

54-Xe-124



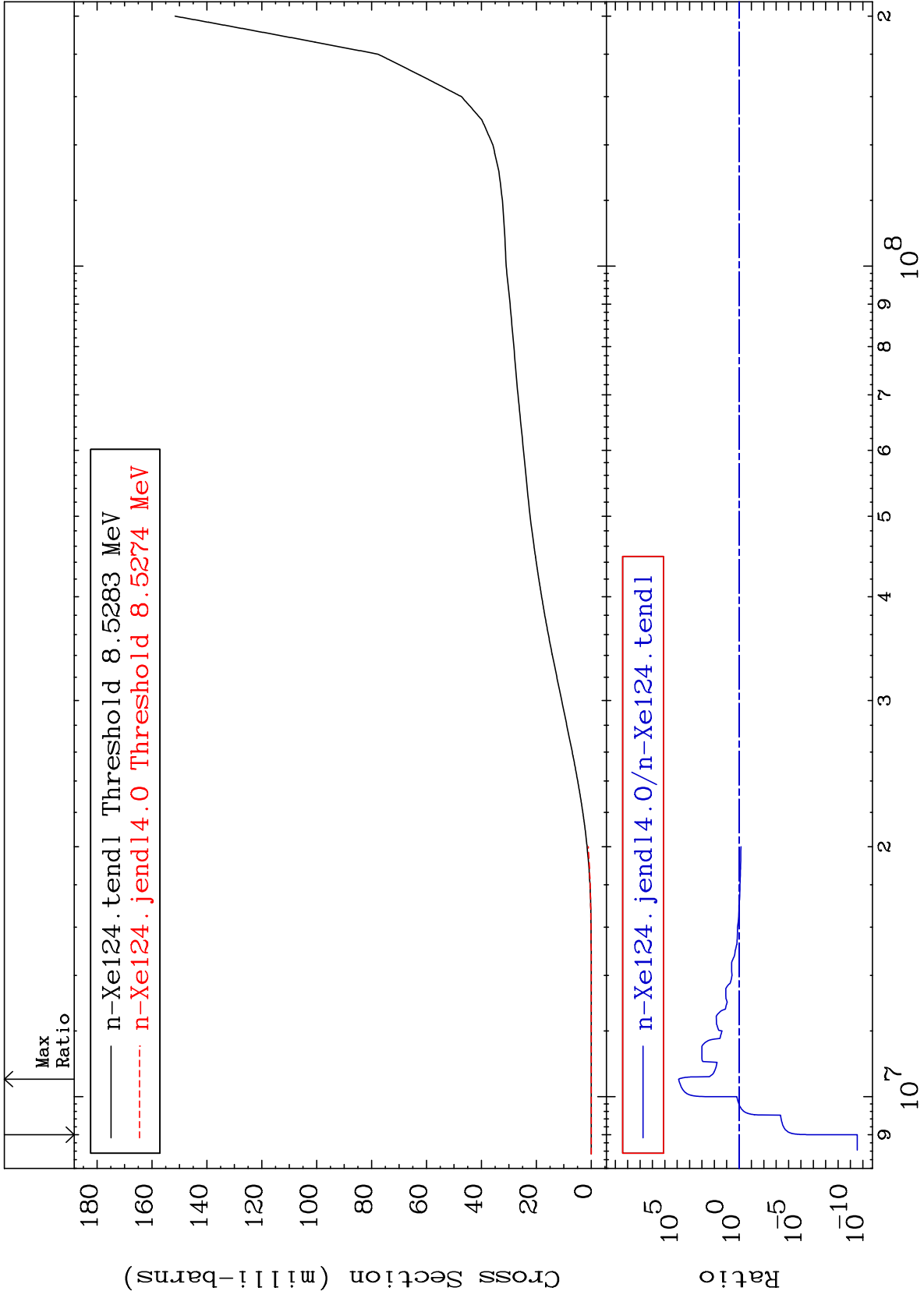


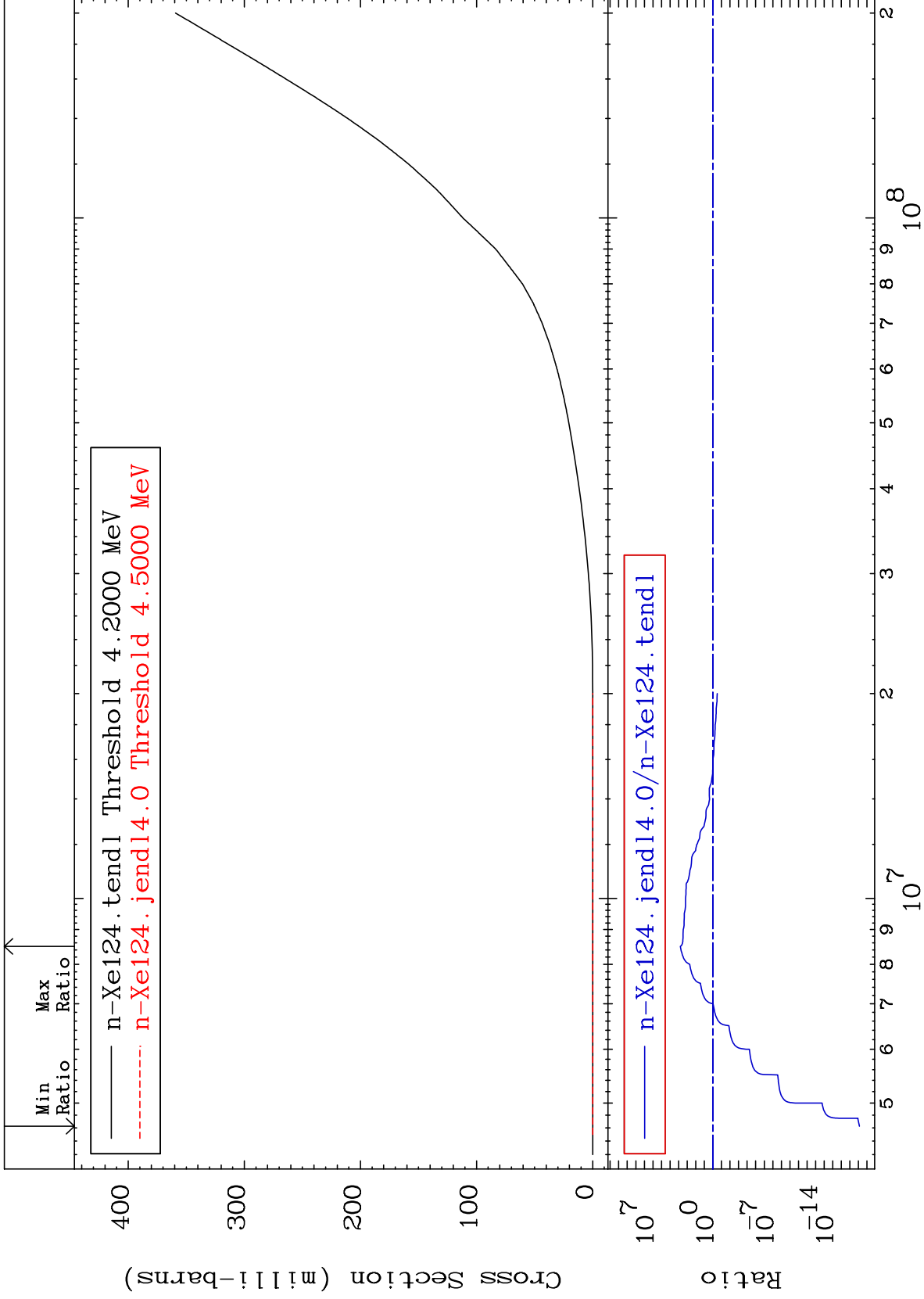


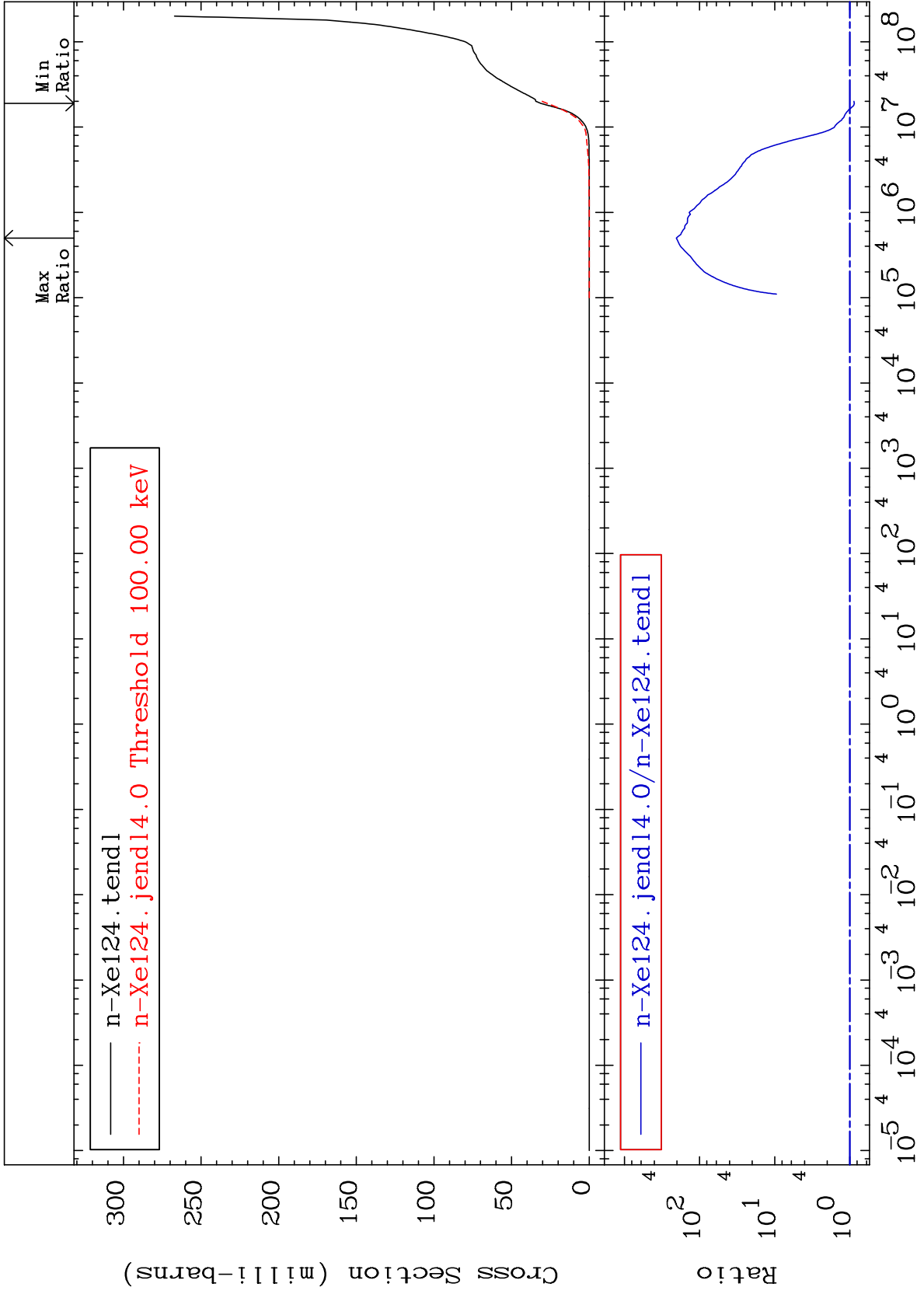
MAT 5425

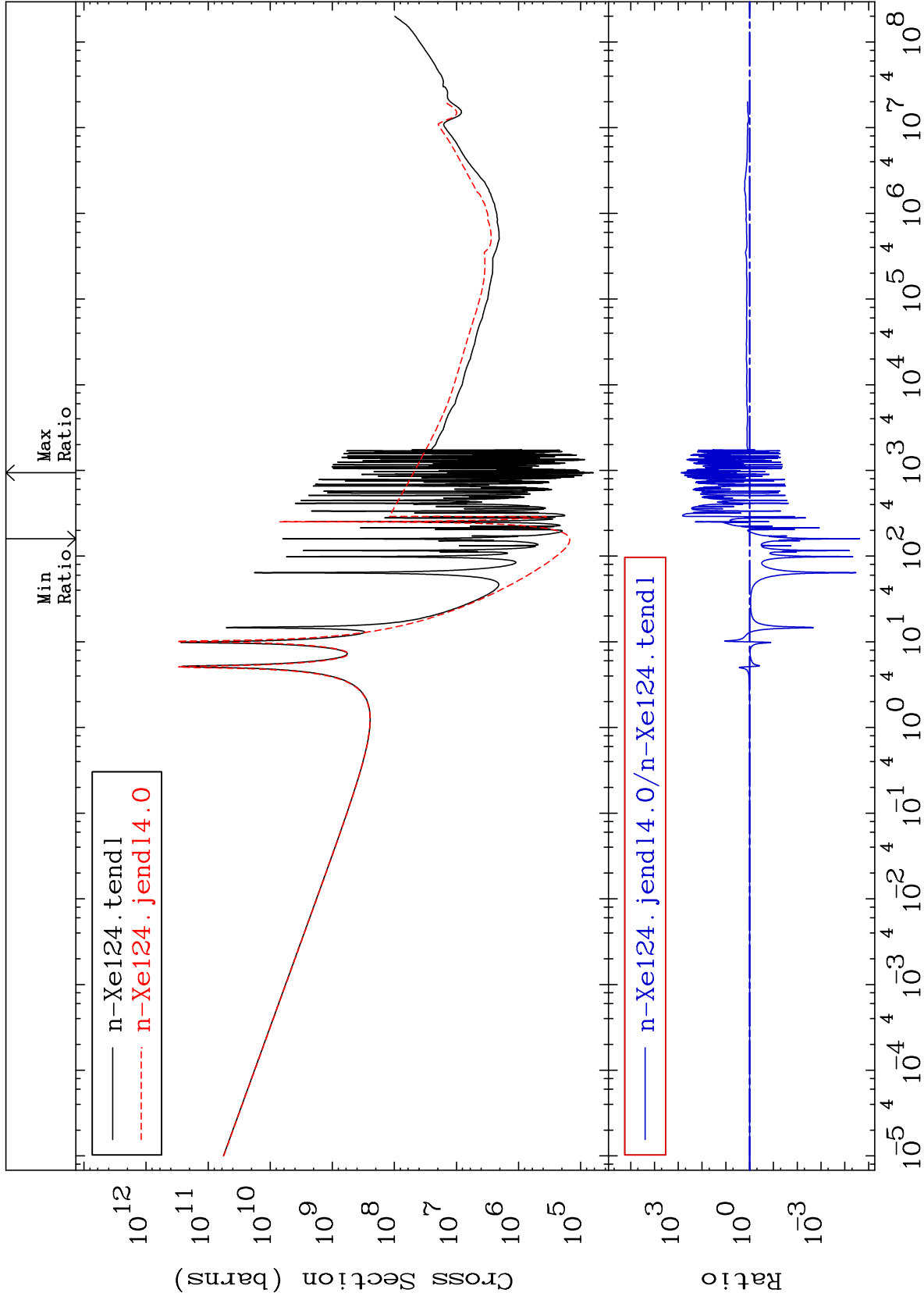
Tritium Production  
Cross Section

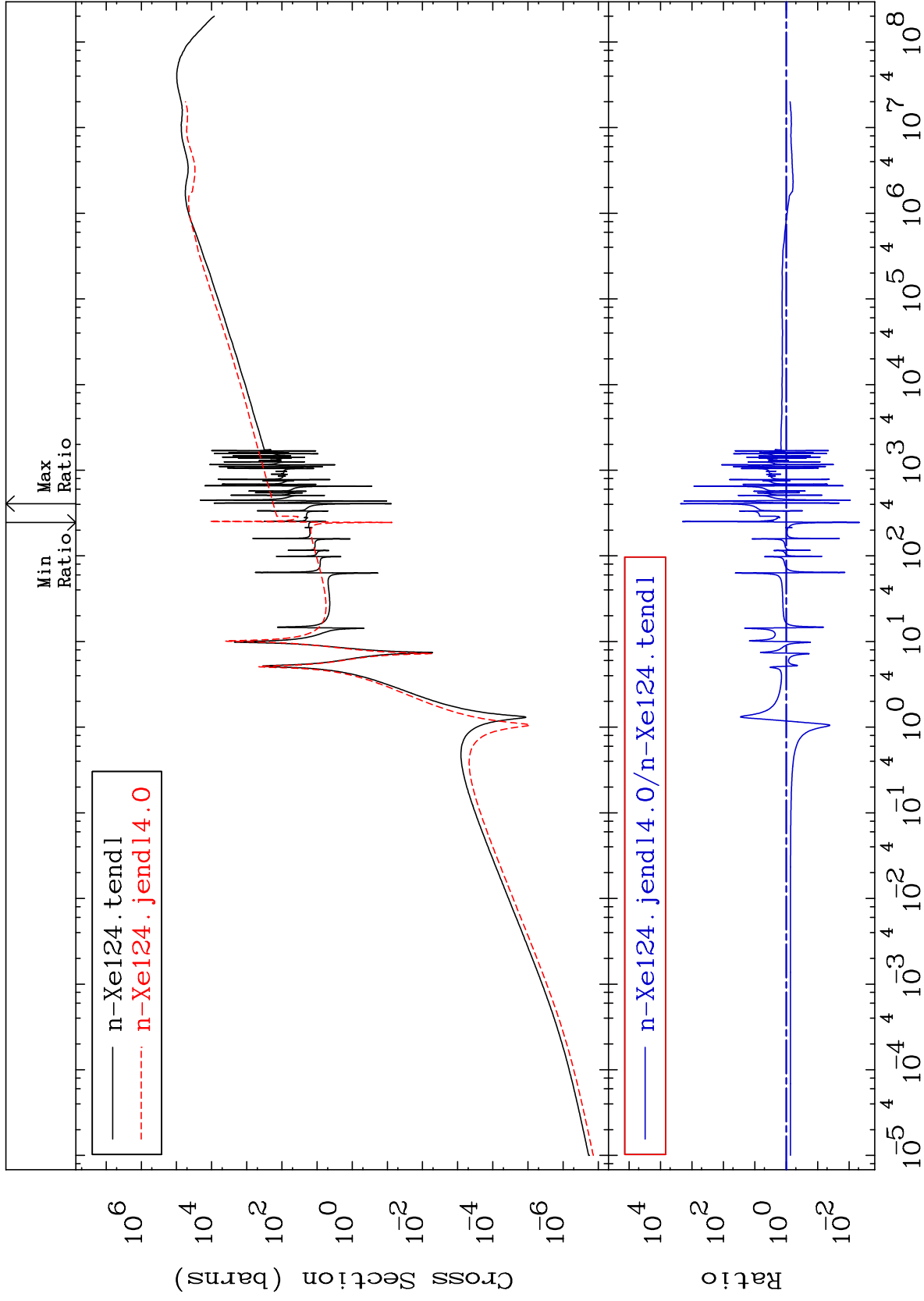
54-Xe-124  
-100.0 To 9999. %

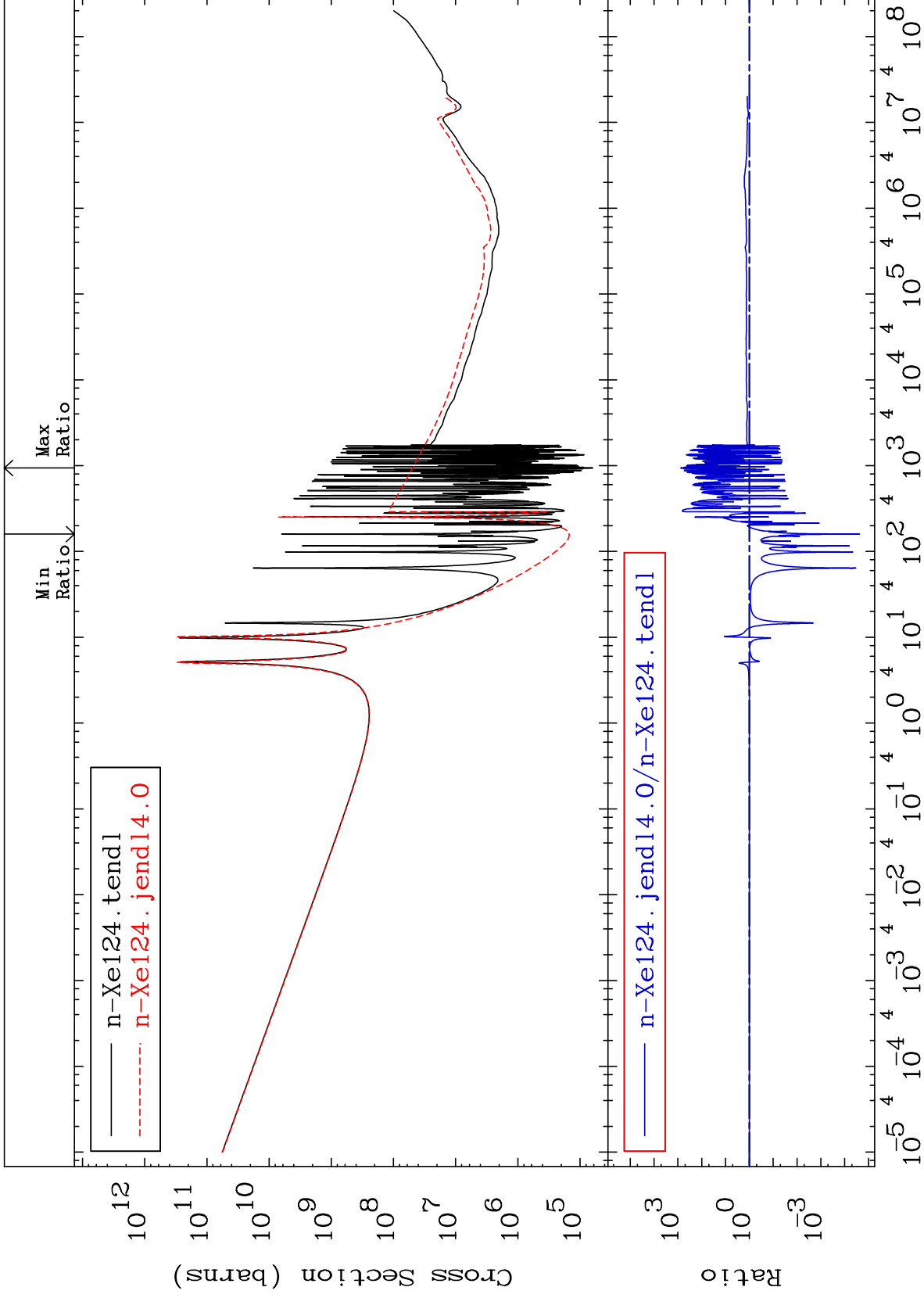




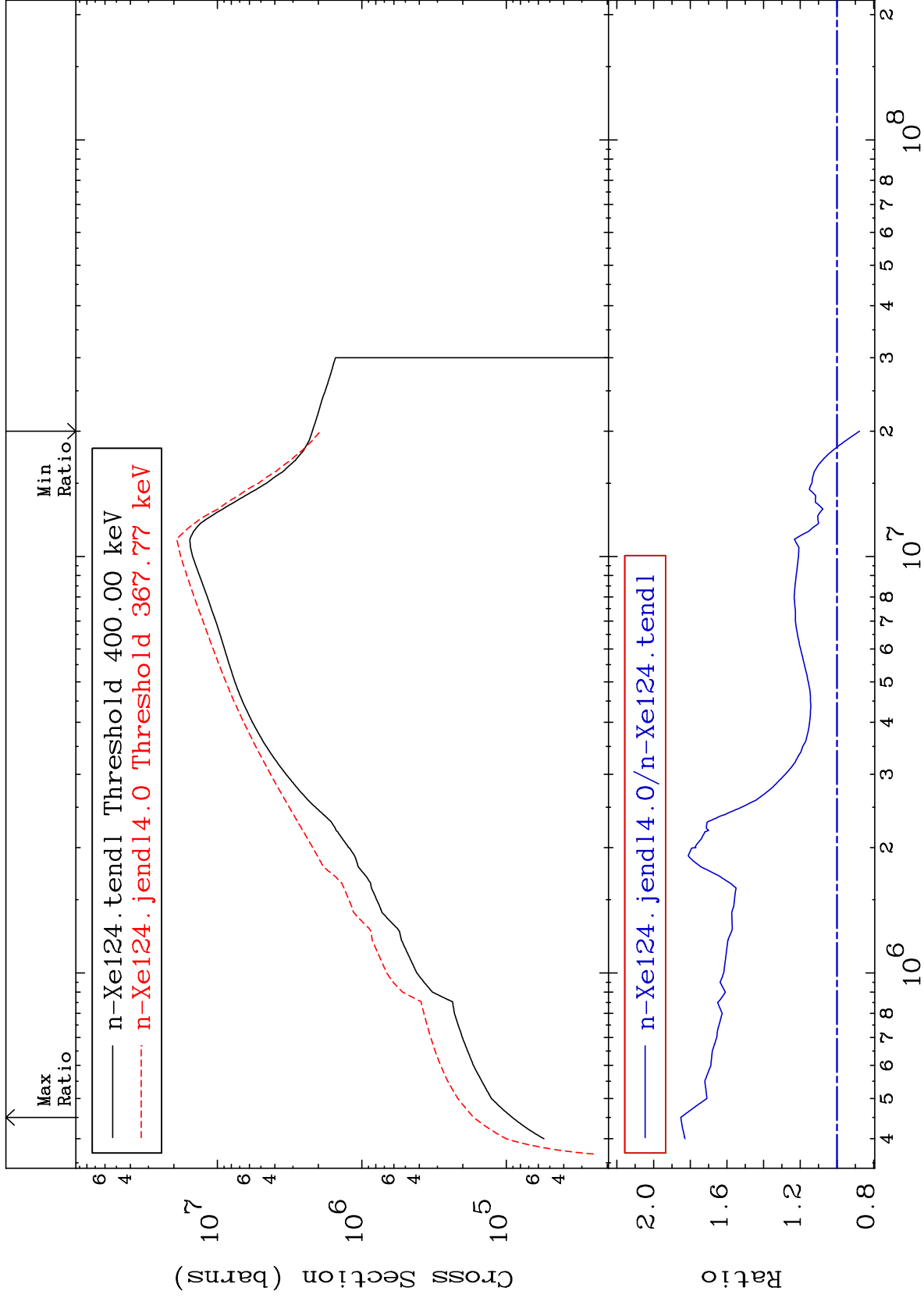








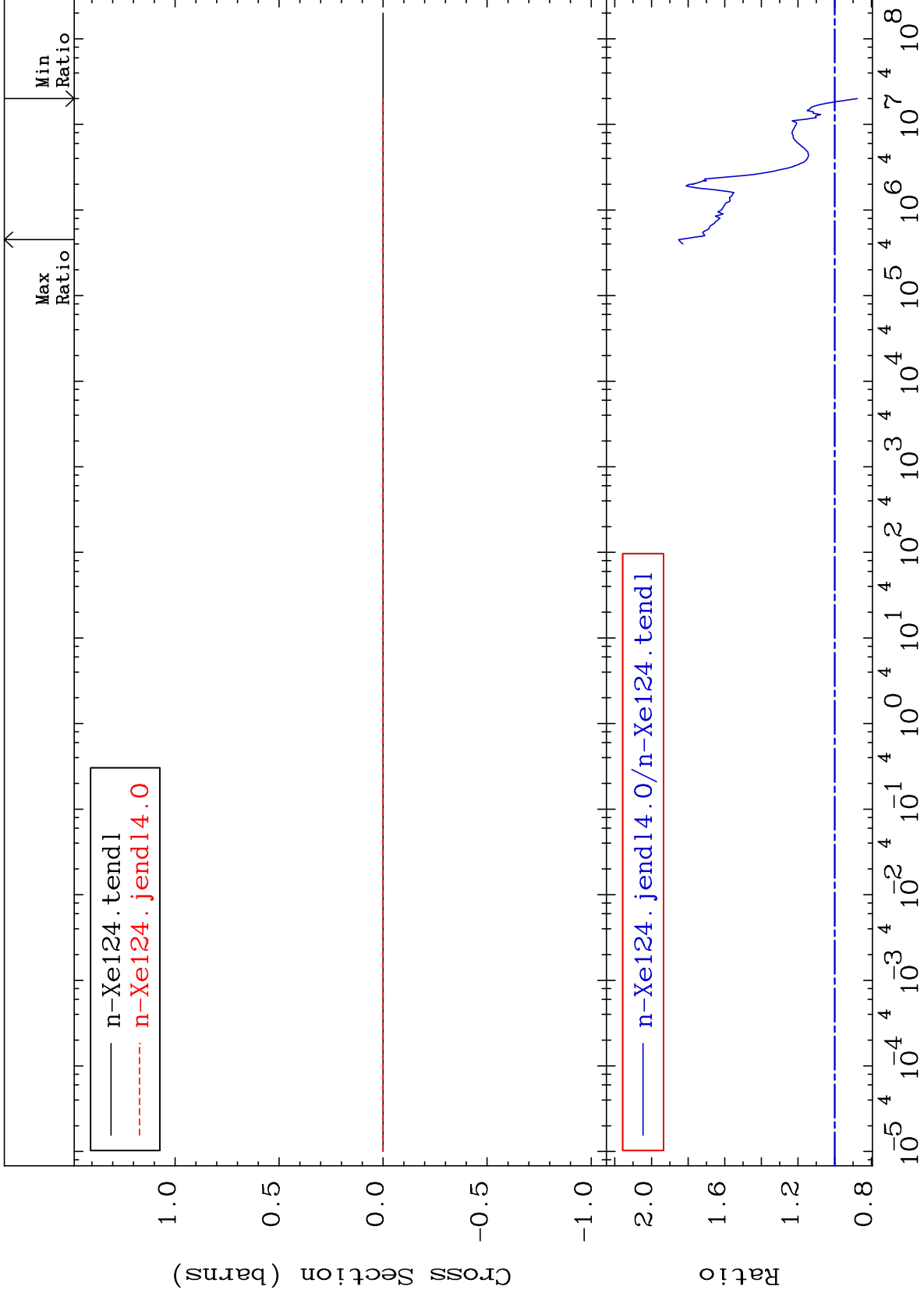




MAT 5425

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

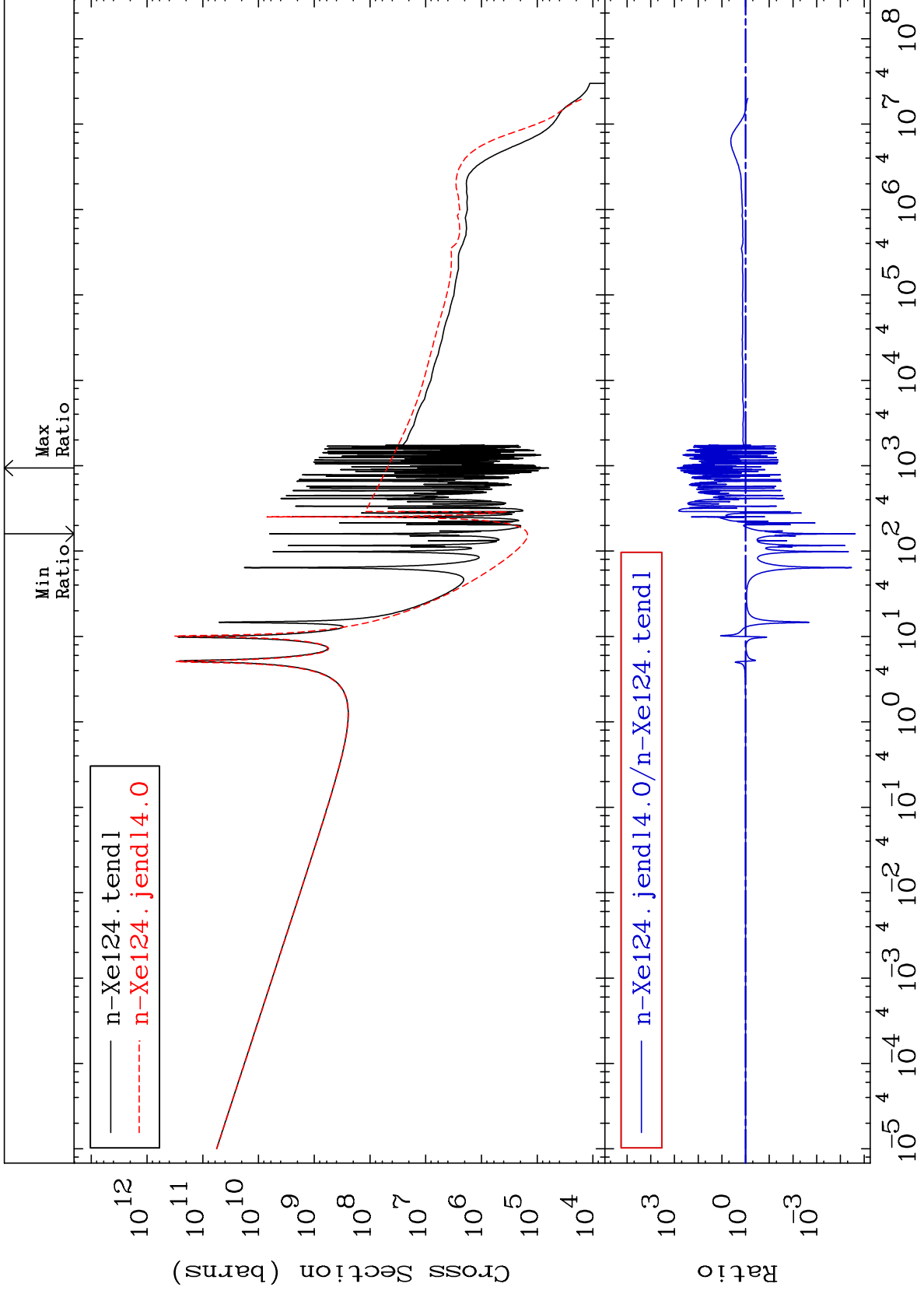
54-Xe-124  
-12.32 To 85.17 %



MAT 5425

Kerma capture (mt102)  
Cross Section

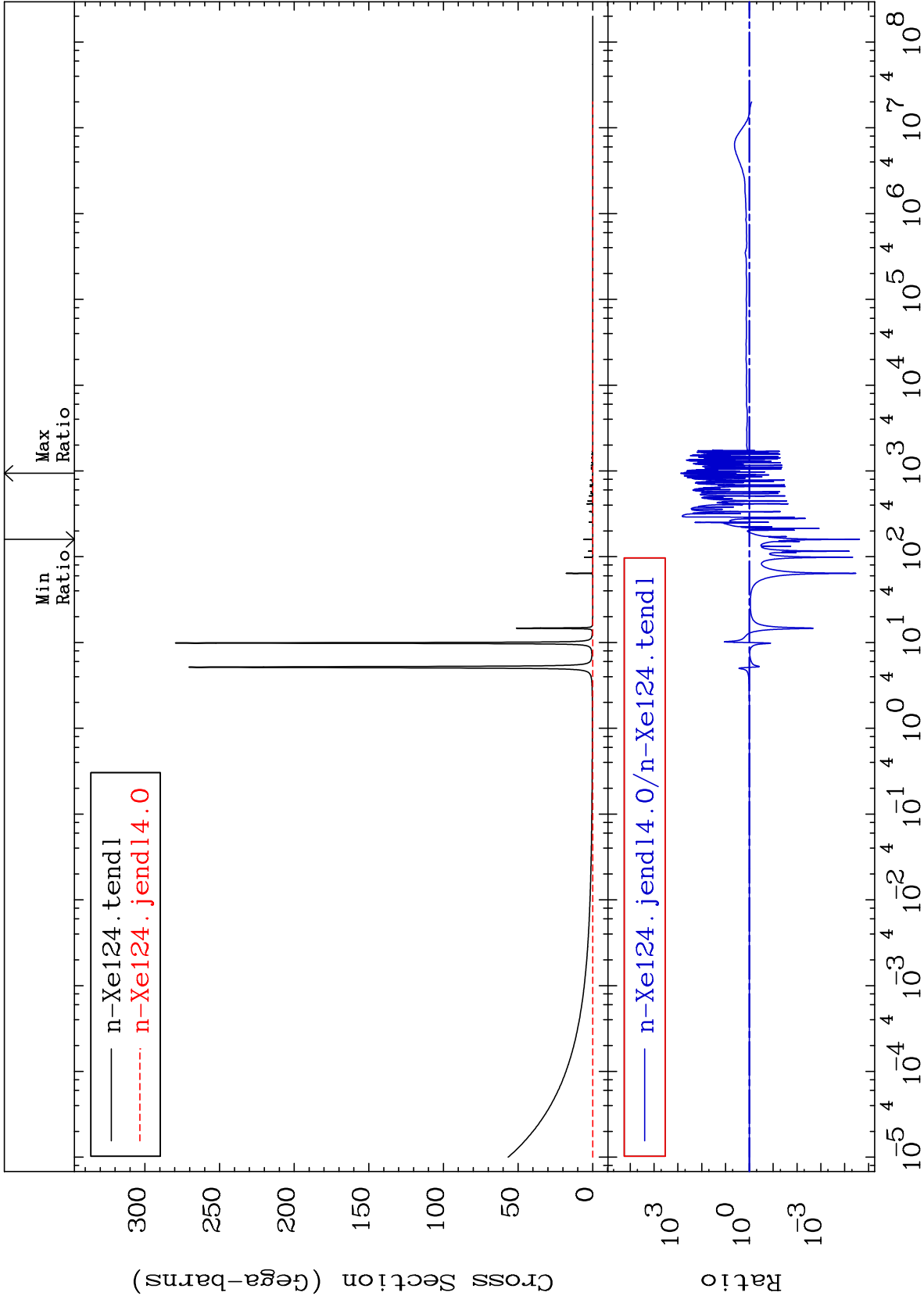
54-Xe-124  
-100.0 To 9999. %

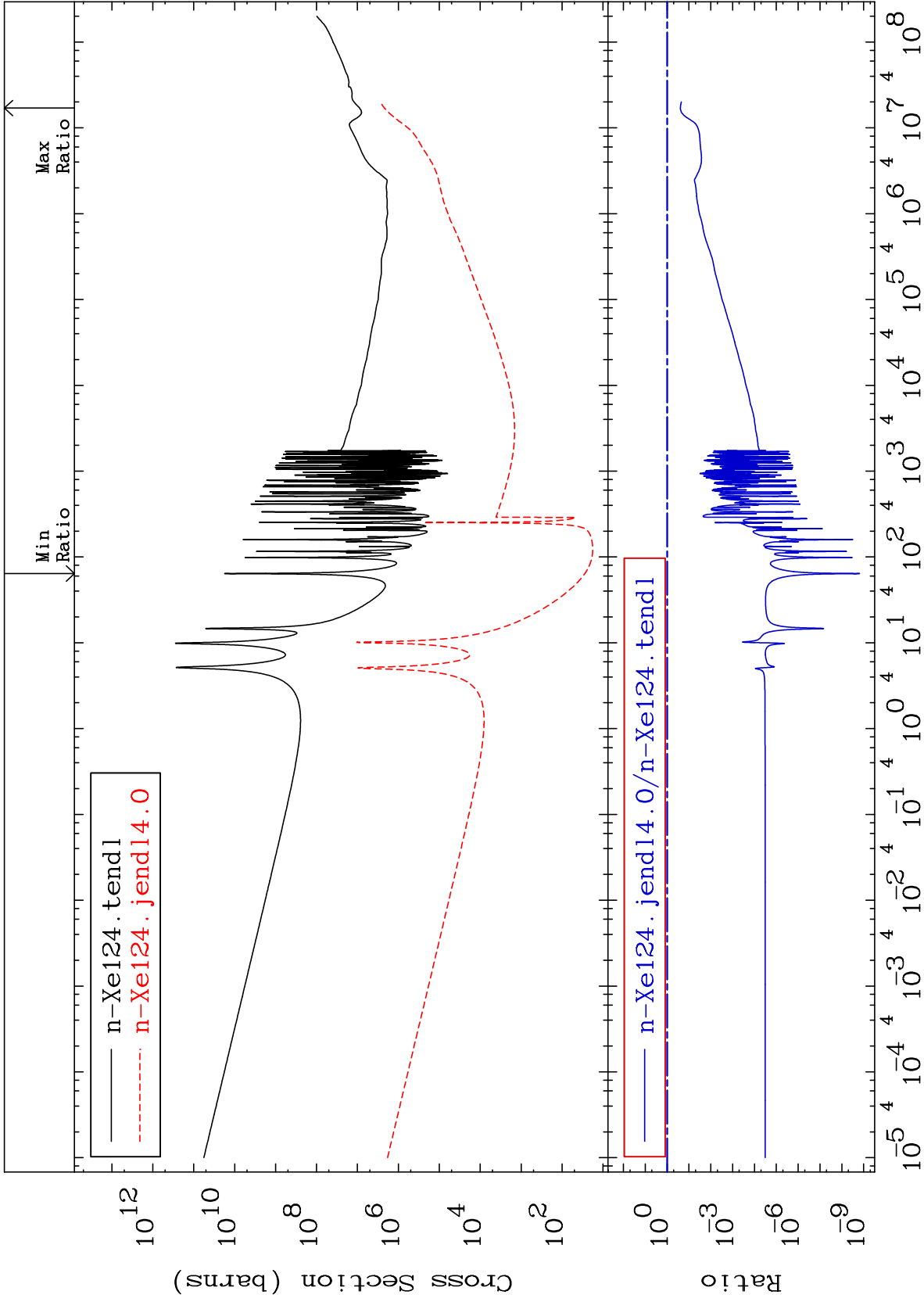


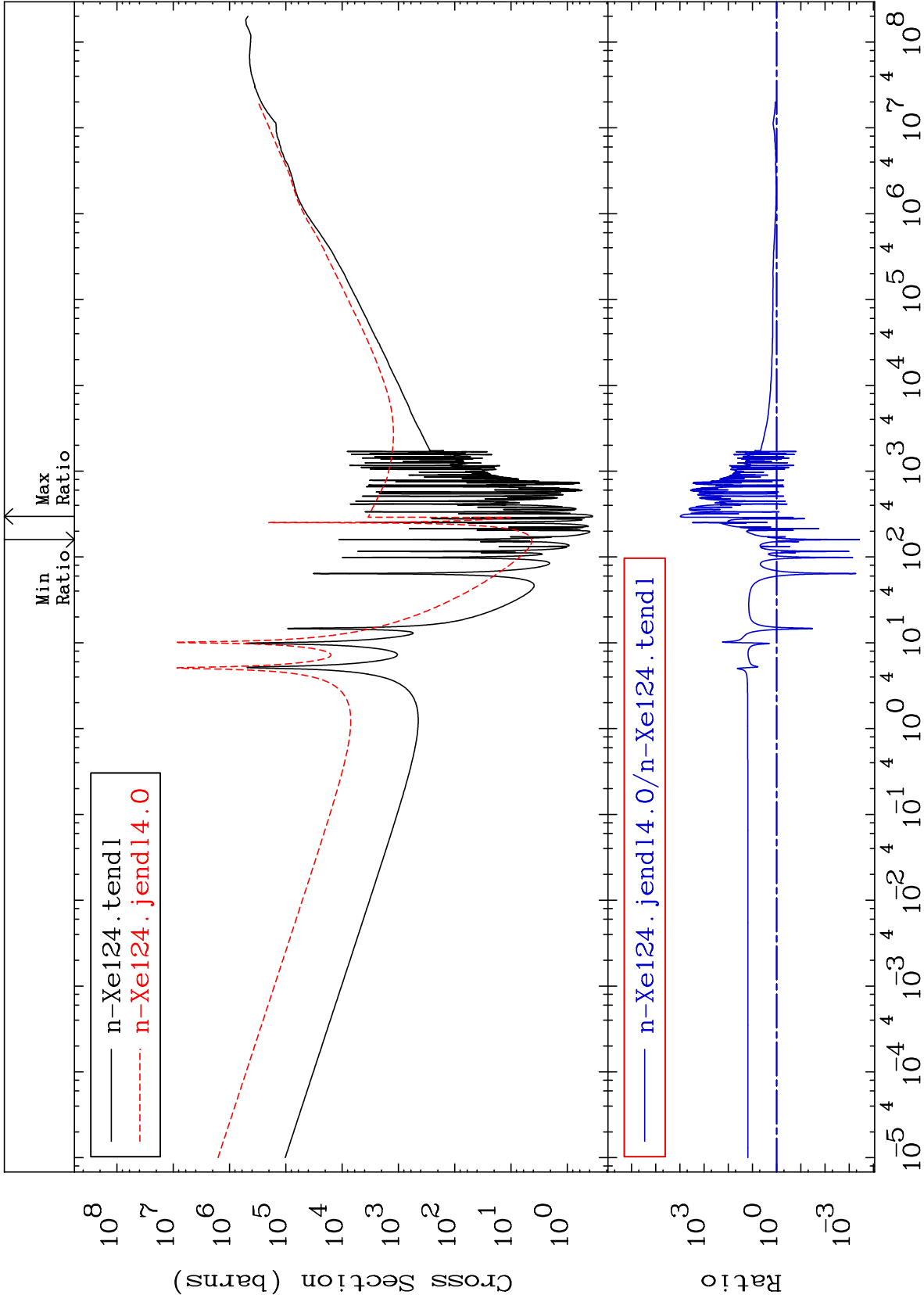
35

Incident Energy (eV)

54-Xe-124







MAT 5425

Dpa elastic (mt2)  
Cross Section

54-Xe-124  
-96.87 To 9999. %

