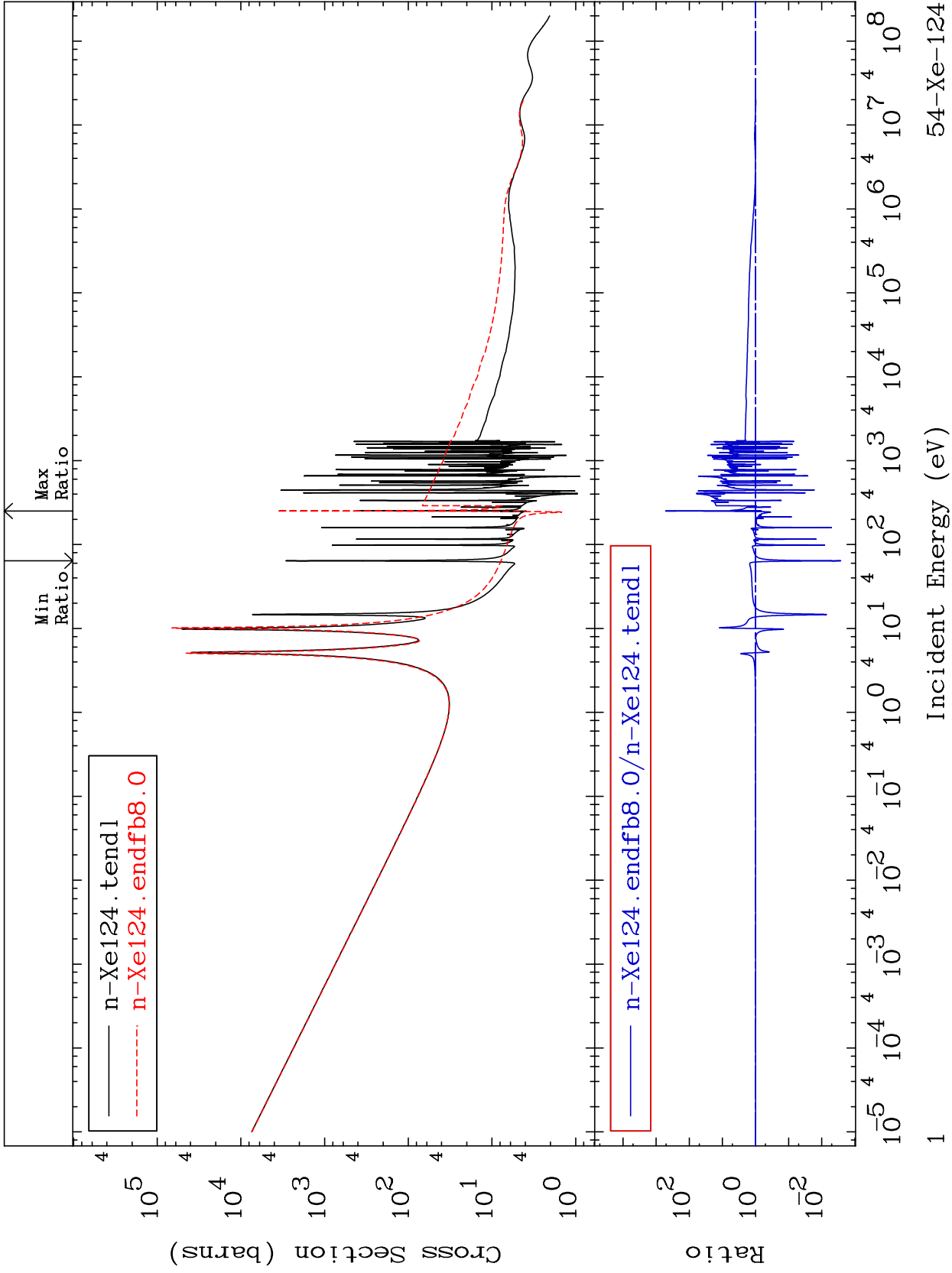


MAT 5425

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



54-Xe-124

Incident Energy (eV)

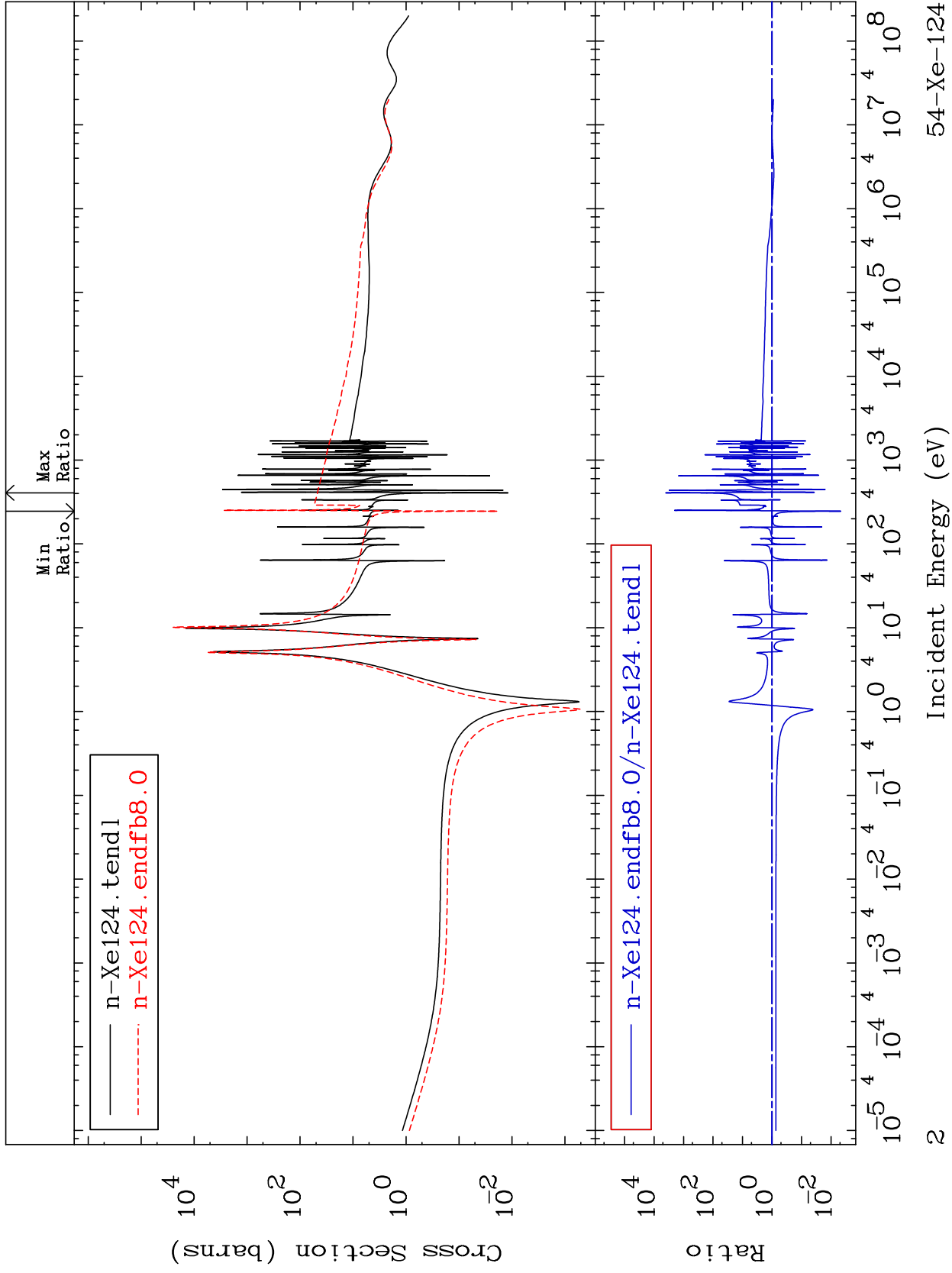
MAT 5425

Elastic

54-Xe-124

Cross Section

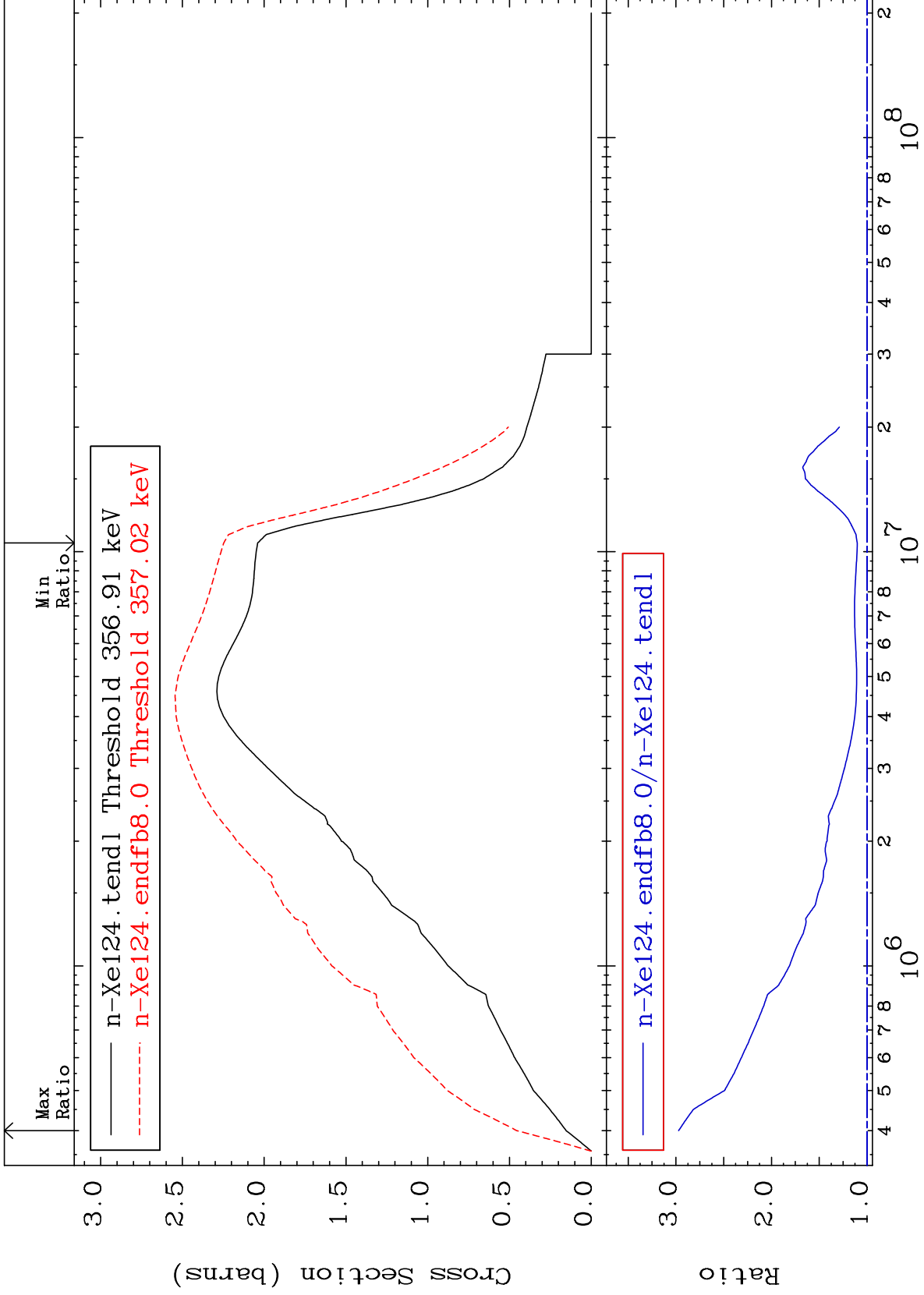
-99.53 To 9999. %



MAT 5425

Inelastic  
Cross Section

54-Xe-124  
10.20 To 197.2 %



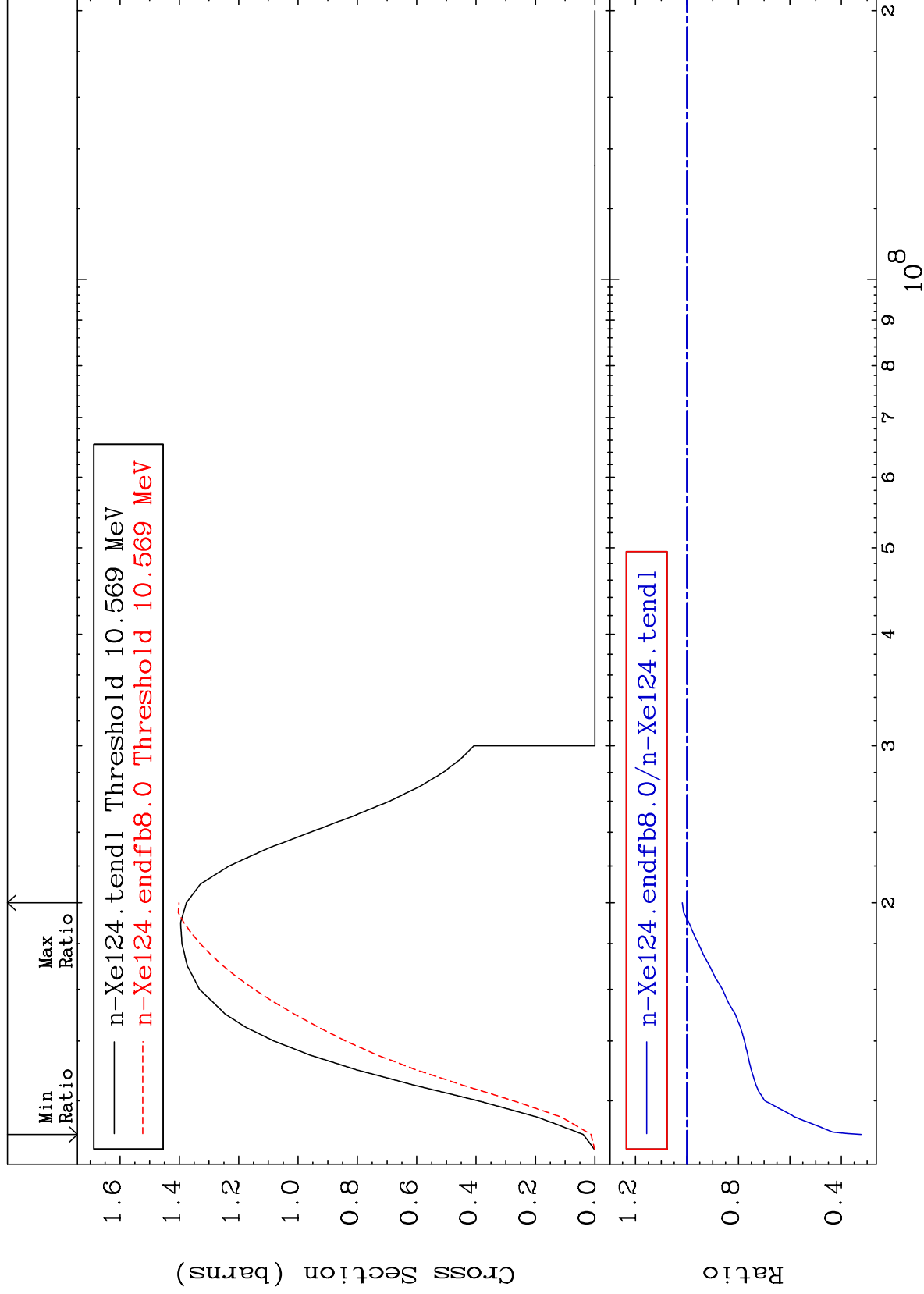
MAT 5425

(n,2n)

54-Xe-124

Cross Section

-67.68 To 1.802 %



4

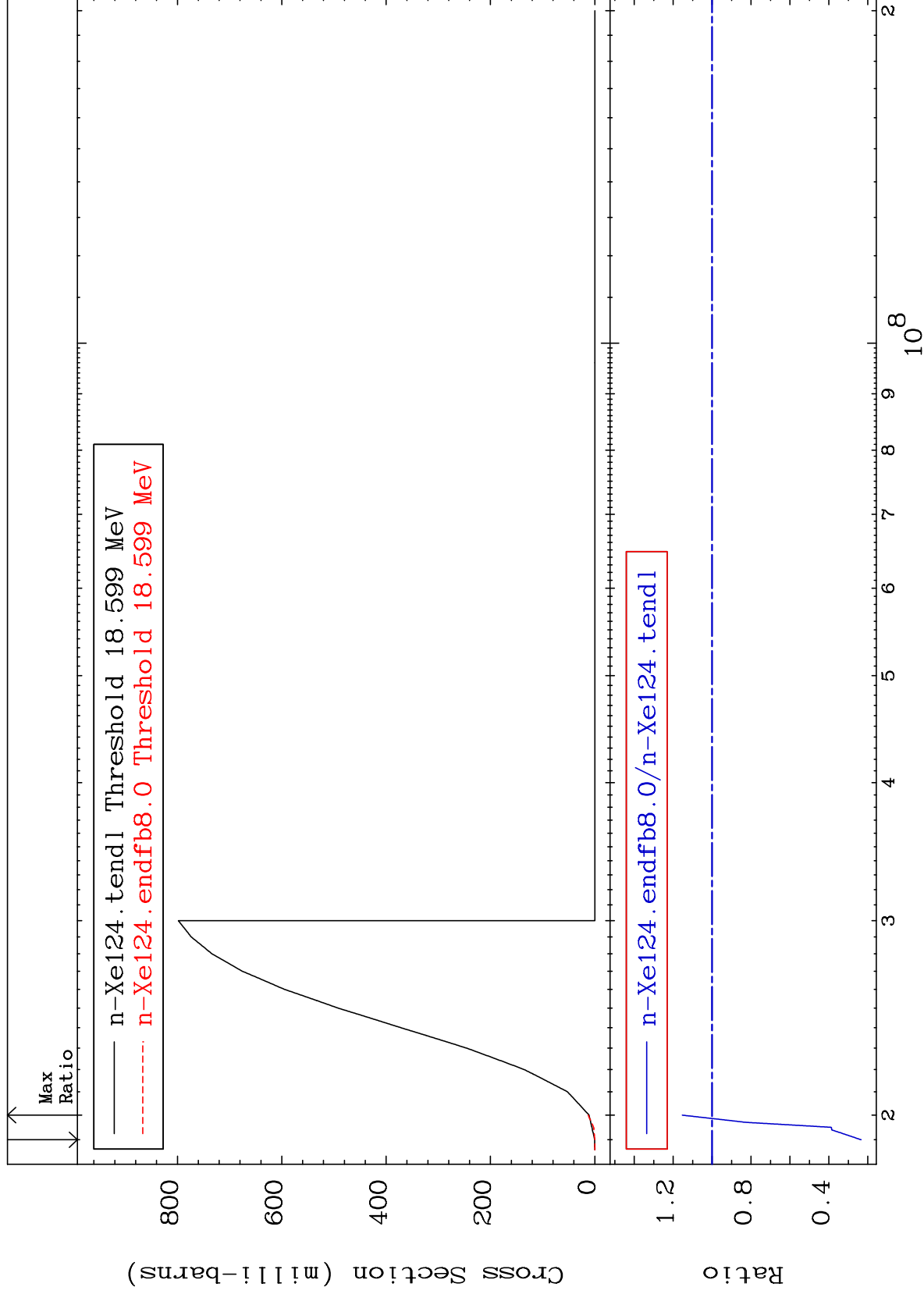
Incident Energy (eV)

54-Xe-124

MAT 5425

(n,3n)  
Cross Section

54-Xe-124  
-76.55 To 15.28 %



5

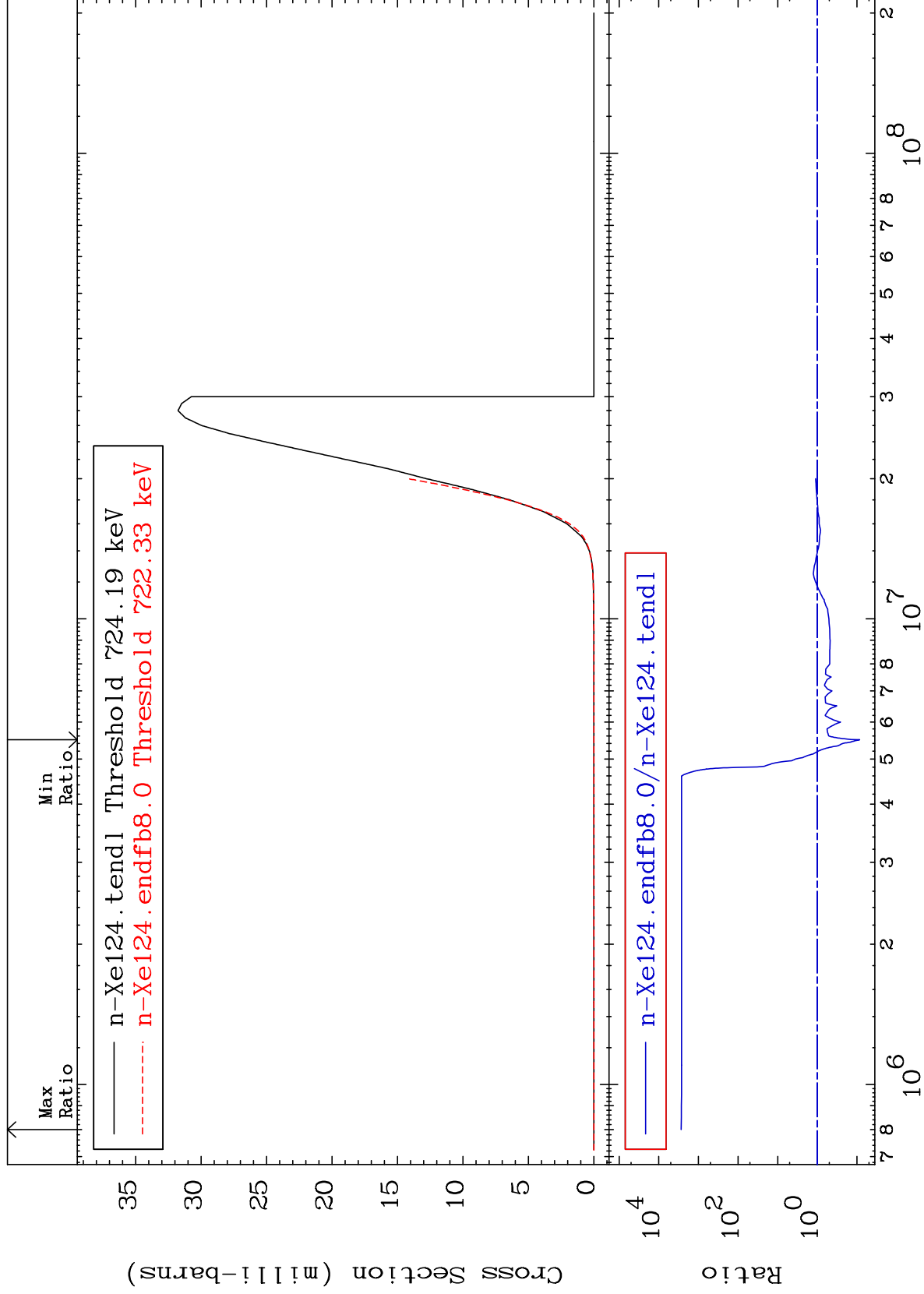
Incident Energy (eV)

54-Xe-124

MAT 5425

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

54-Xe-124  
-91.43 To 9999. %



6

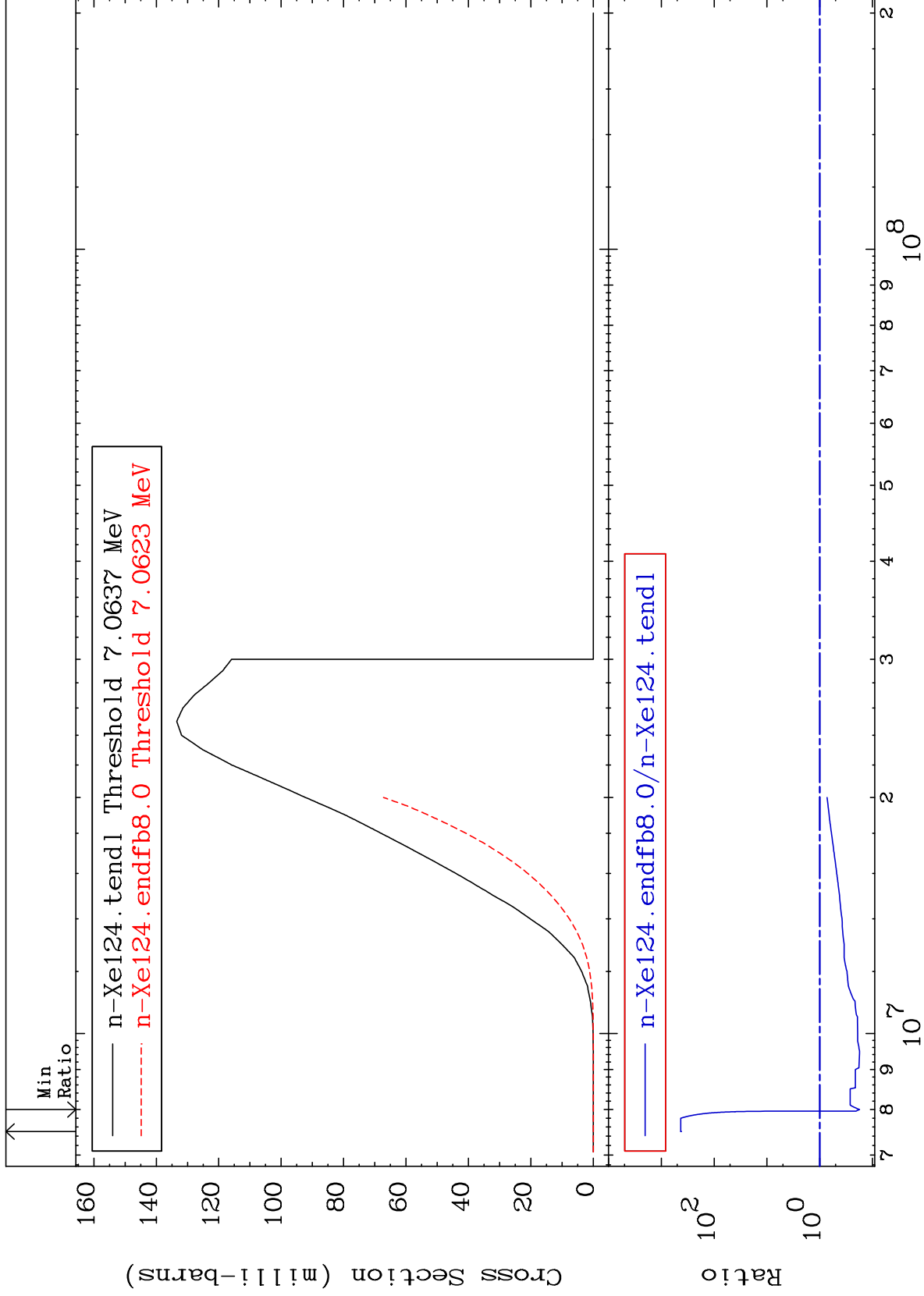
Incident Energy (eV)

54-Xe-124

MAT 5425

(n,n') p  
Cross Section

54-Xe-124  
-82.38 To 9999. %



7

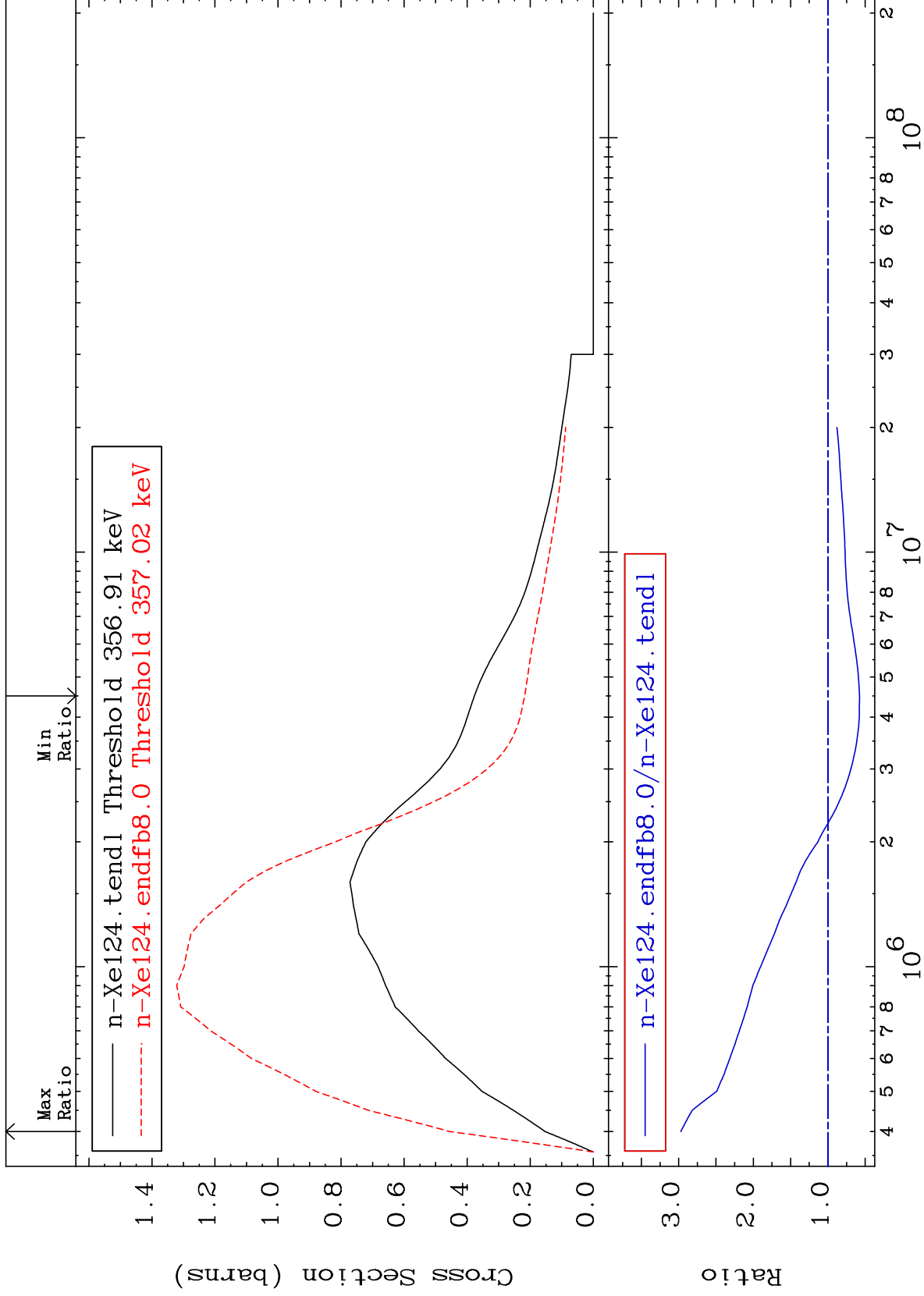
Incident Energy (eV)

54-Xe-124

MAT 5425

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

54-Xe-124  
-42.38 To 197.2 %

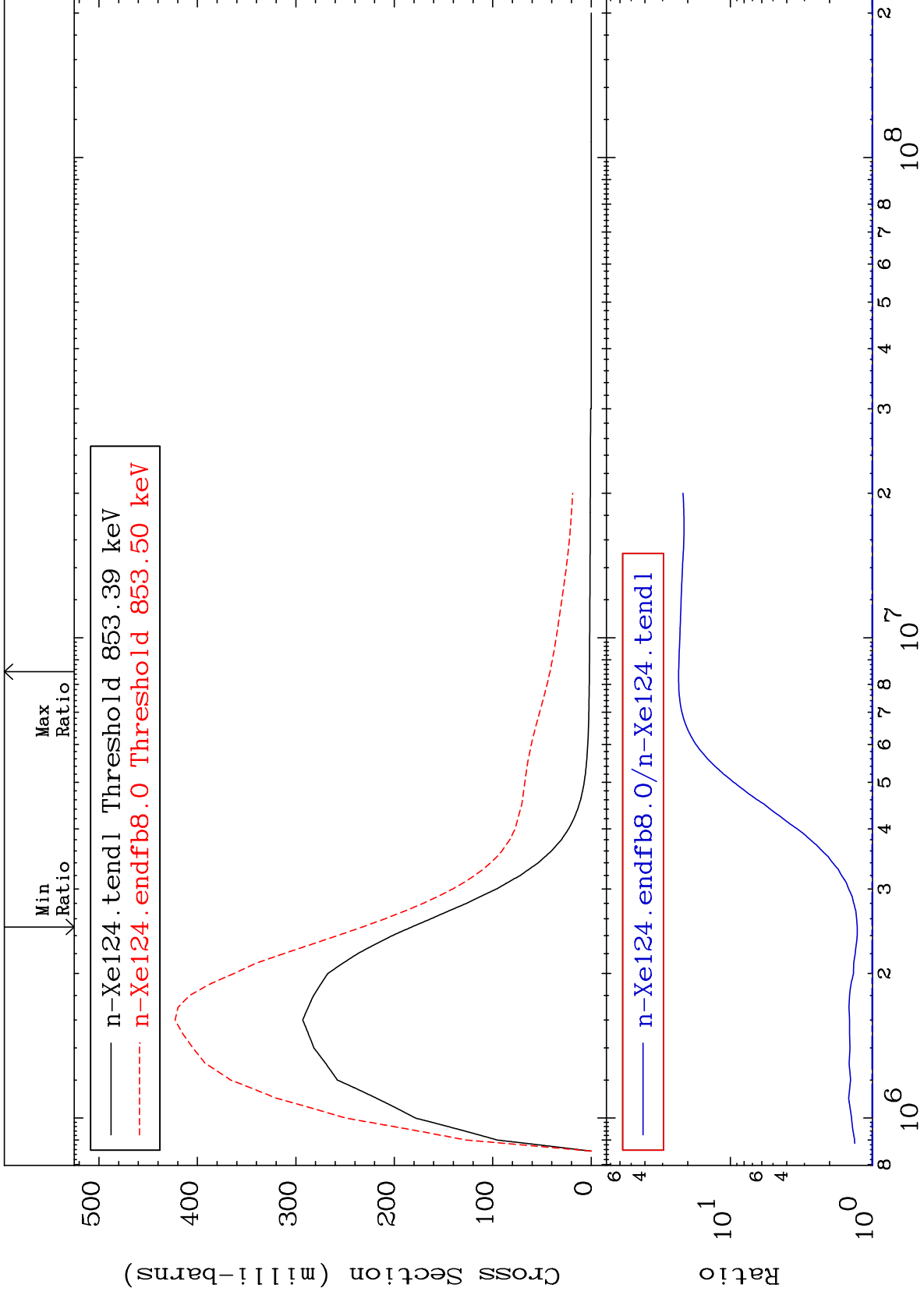




MAT 5425

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

54-Xe-124  
27.45 To 2215. %



9

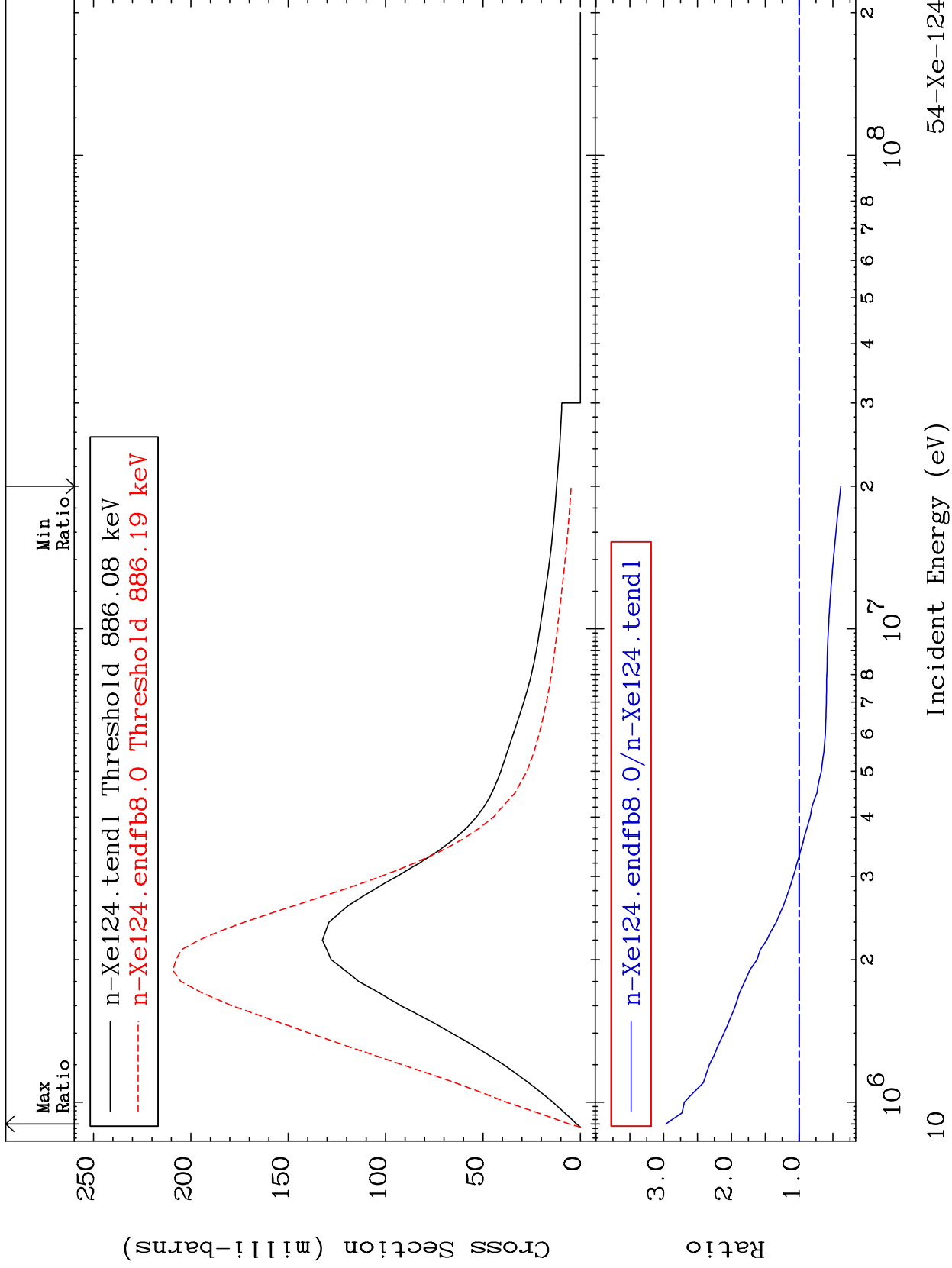
Incident Energy (eV)

54-Xe-124

MAT 5425

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

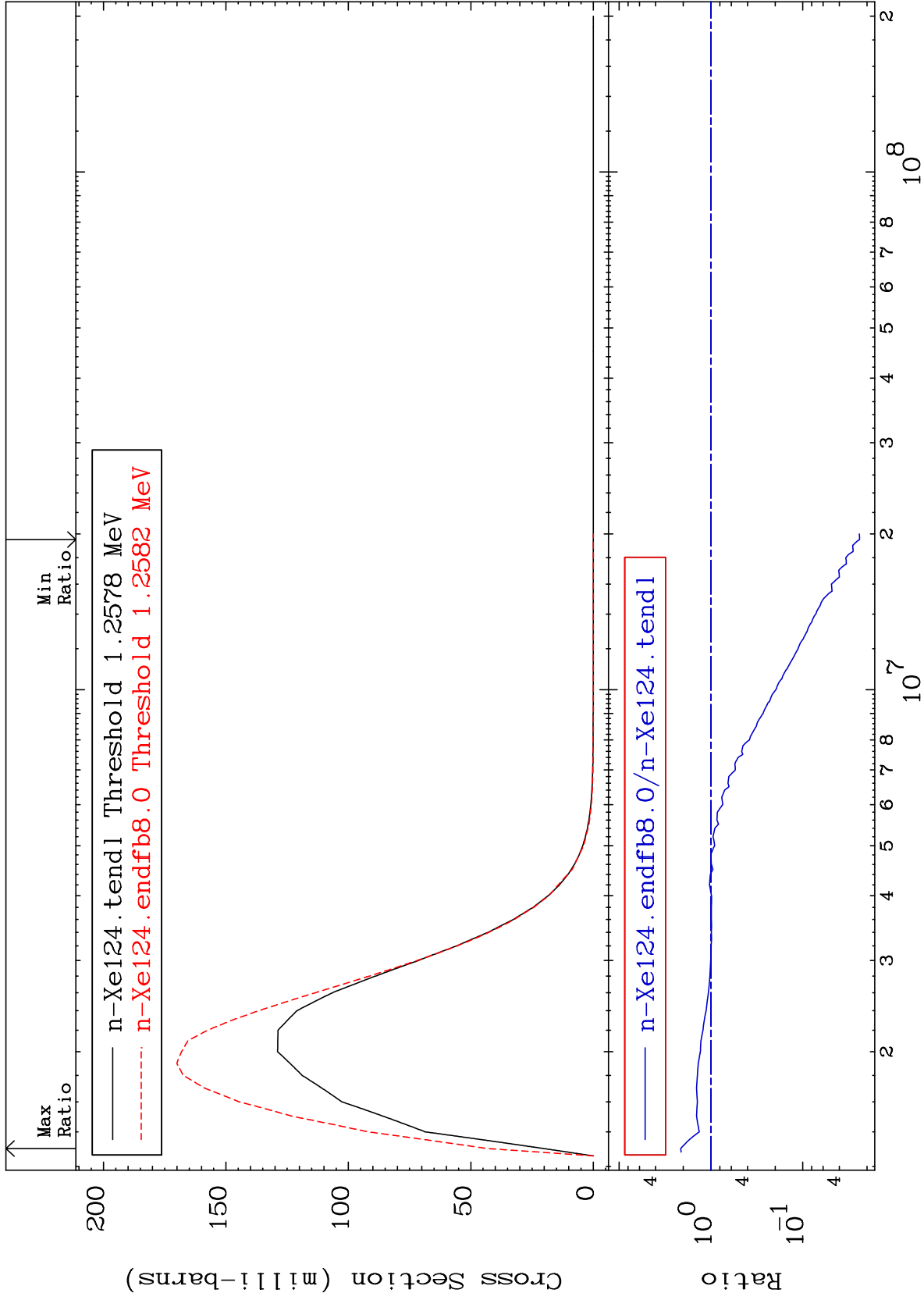
54-Xe-124  
-61.62 To 196.7 %



MAT 5425

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

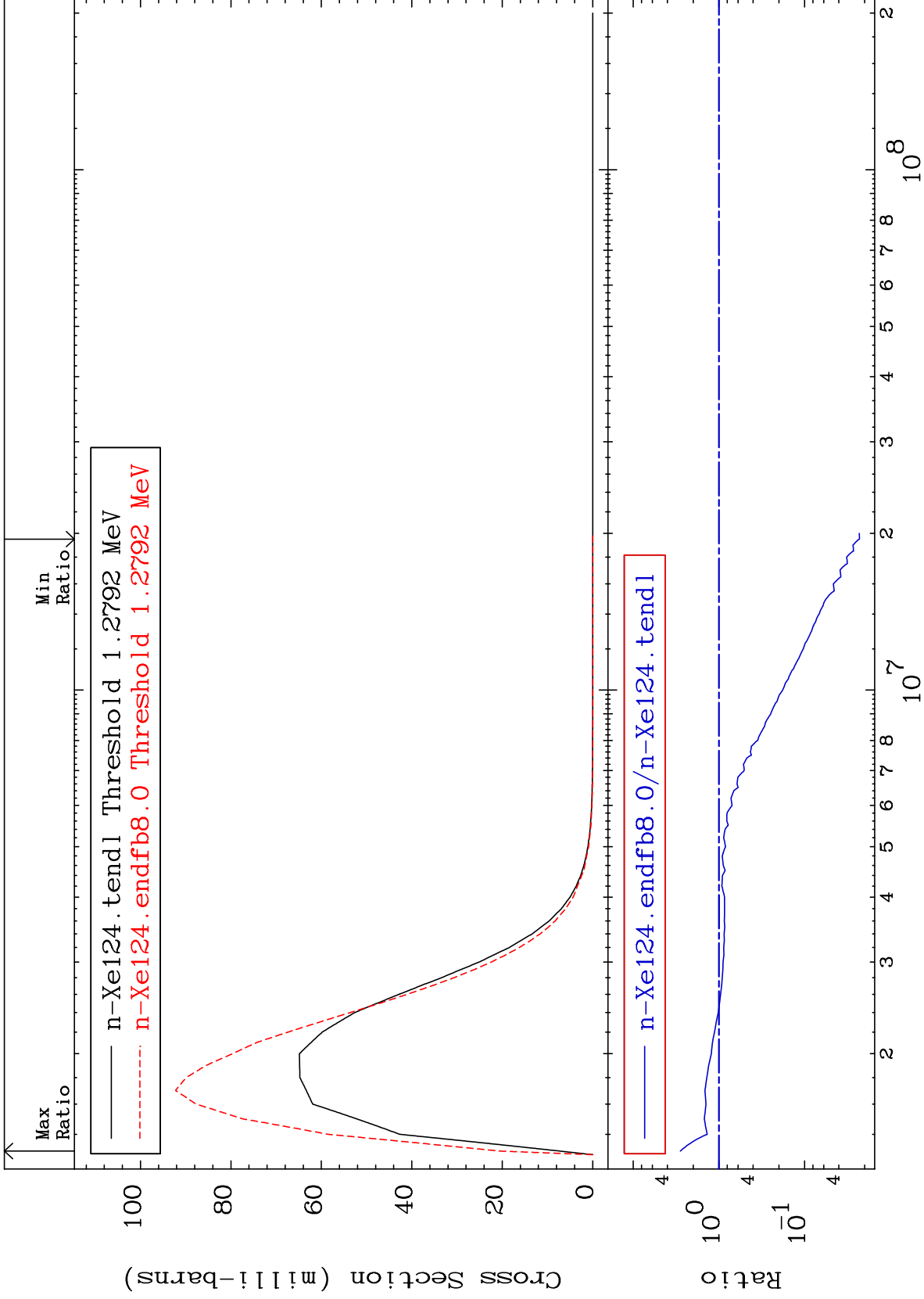
54-Xe-124  
-97.59 To 113.0 %



MAT 5425

MT= 55 (n,n') Level  
Cross Section

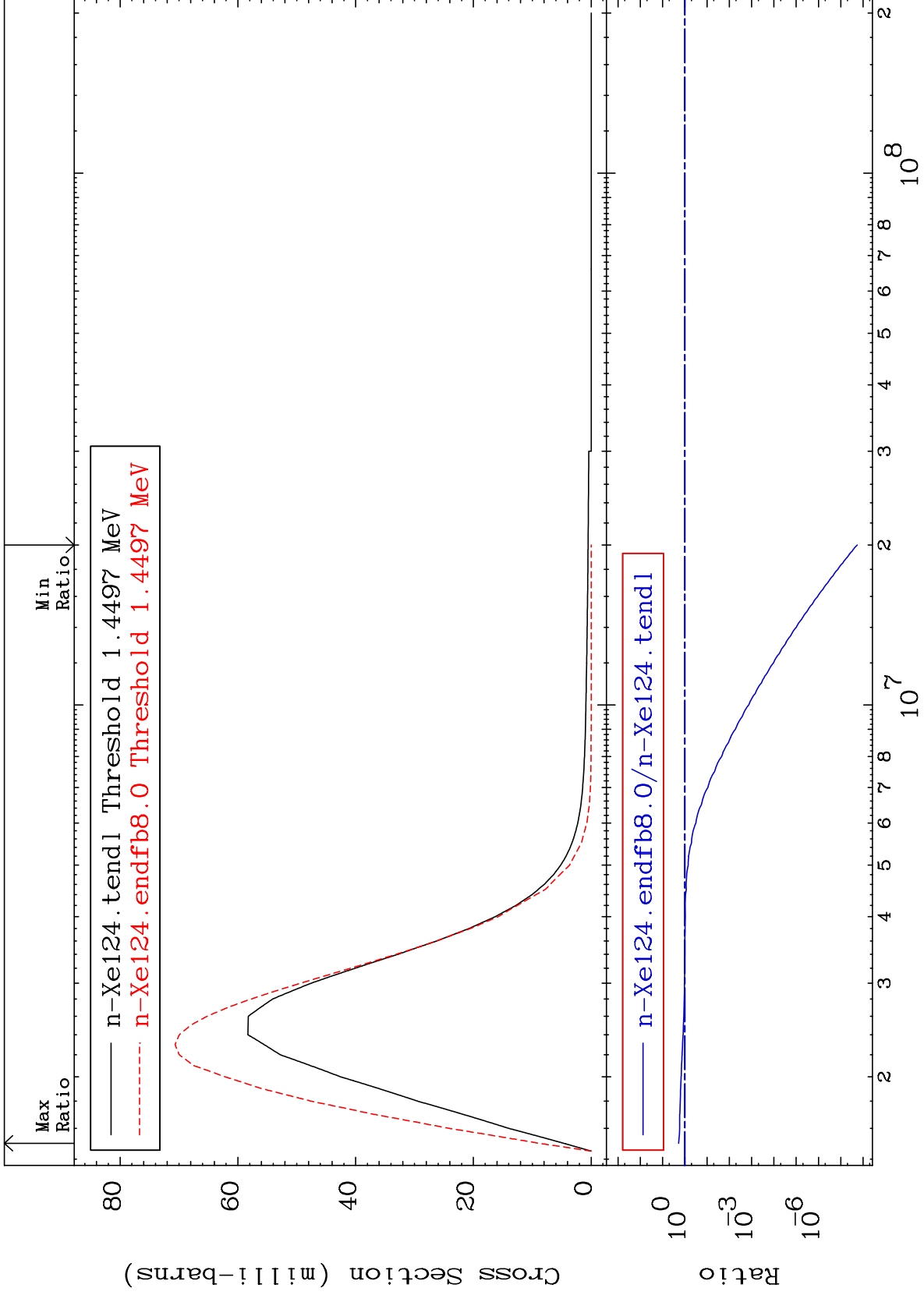
54-Xe-124  
-97.70 To 182.2 %



MAT 5425

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

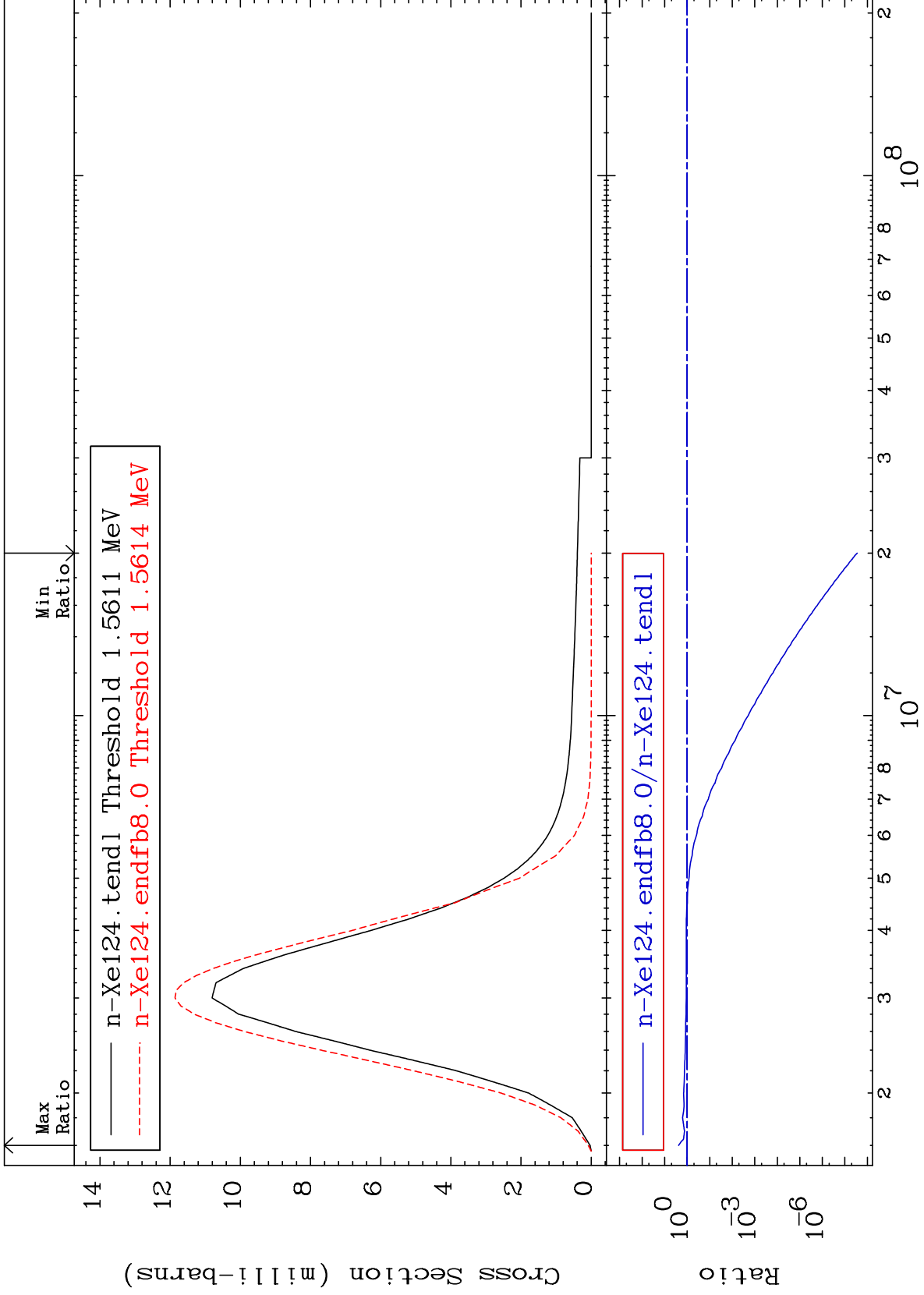
54-Xe-124  
-100.0 To 89.86 %



MAT 5425

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

54-Xe-124  
-100.0 To 139.3 %



14

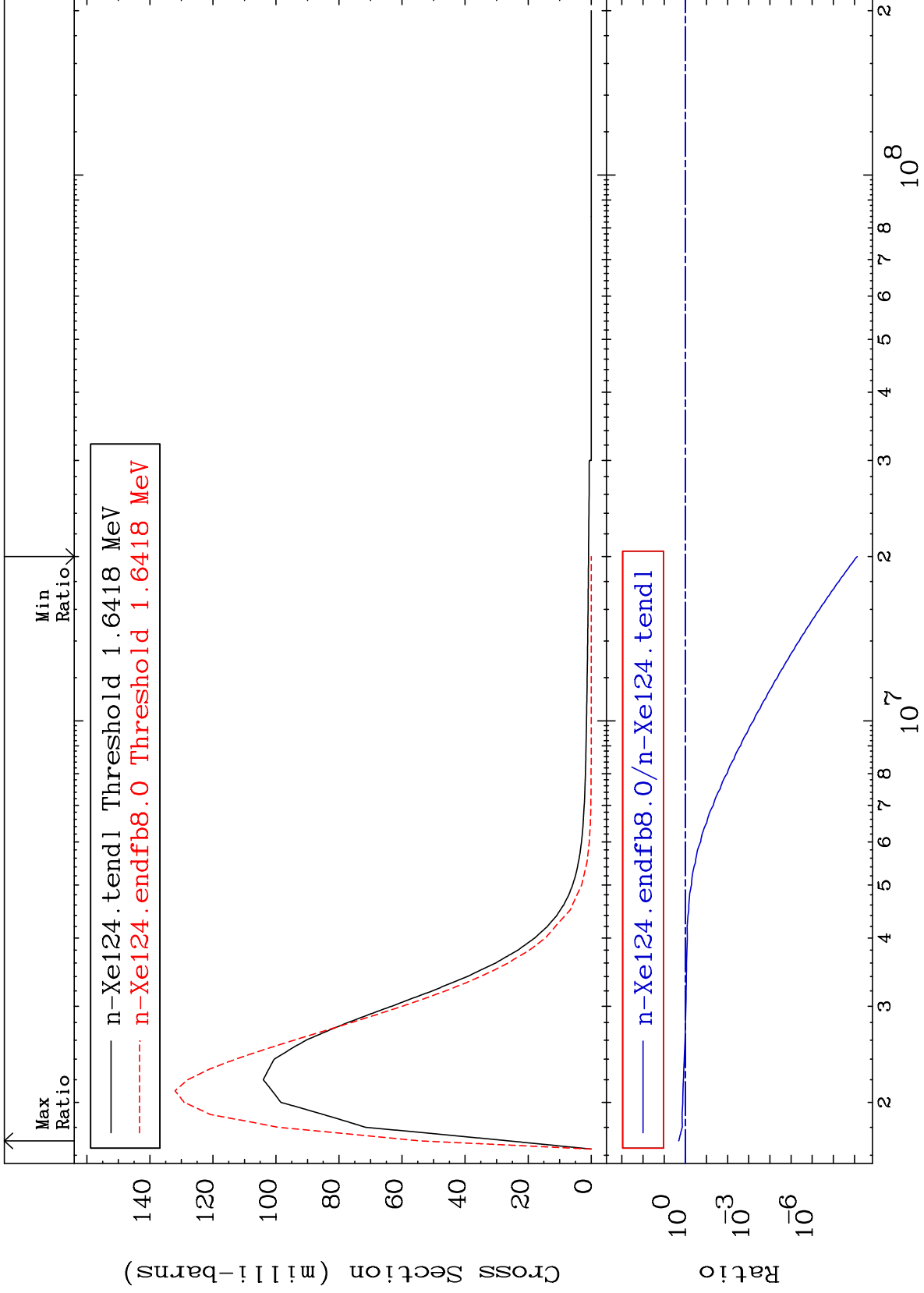
Incident Energy (eV)

54-Xe-124

MAT 5425

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

54-Xe-124  
-100.0 To 107.0 %



15

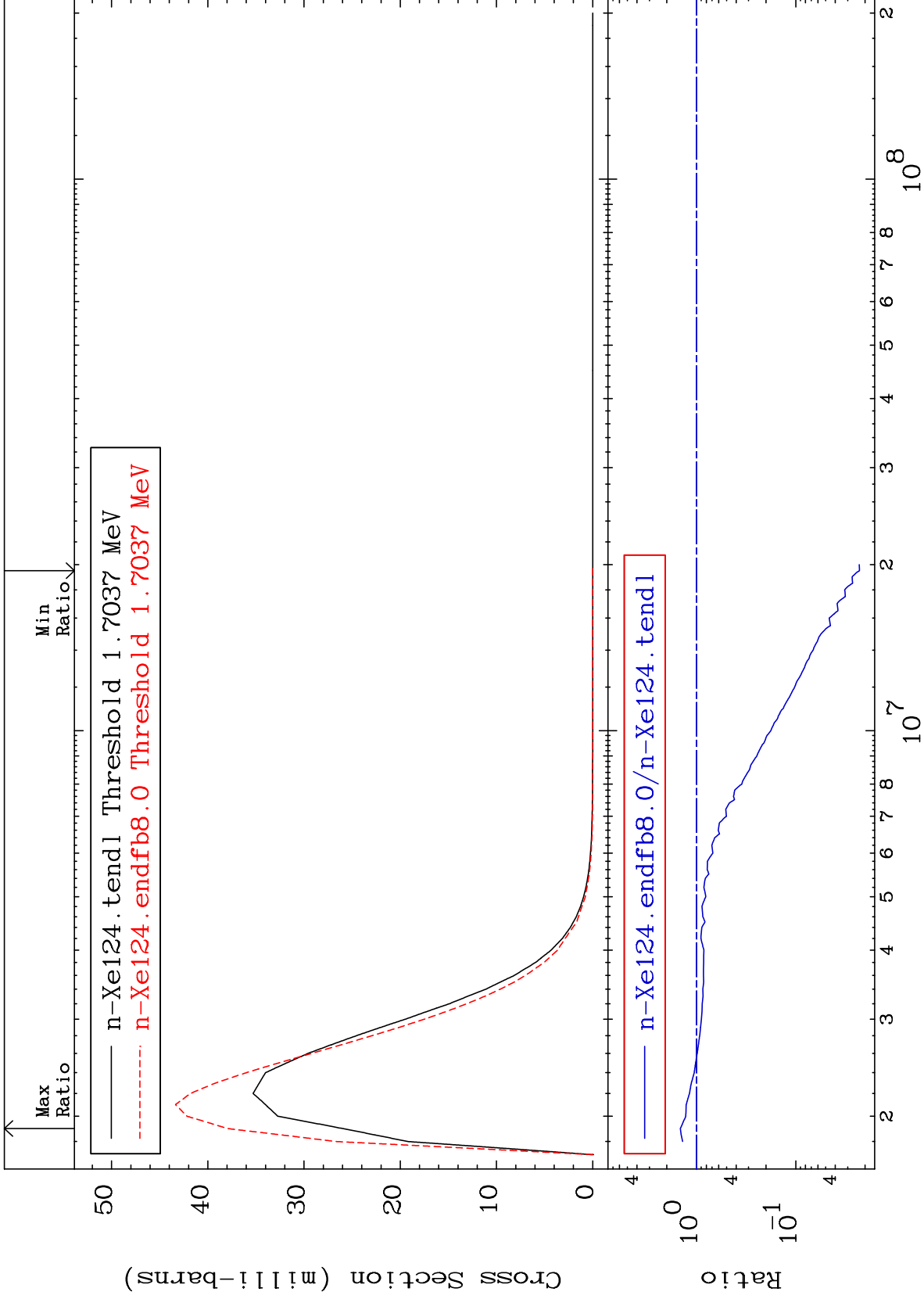
Incident Energy (eV)

54-Xe-124

MAT 5425

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

54-Xe-124  
-97.72 To 46.05 %

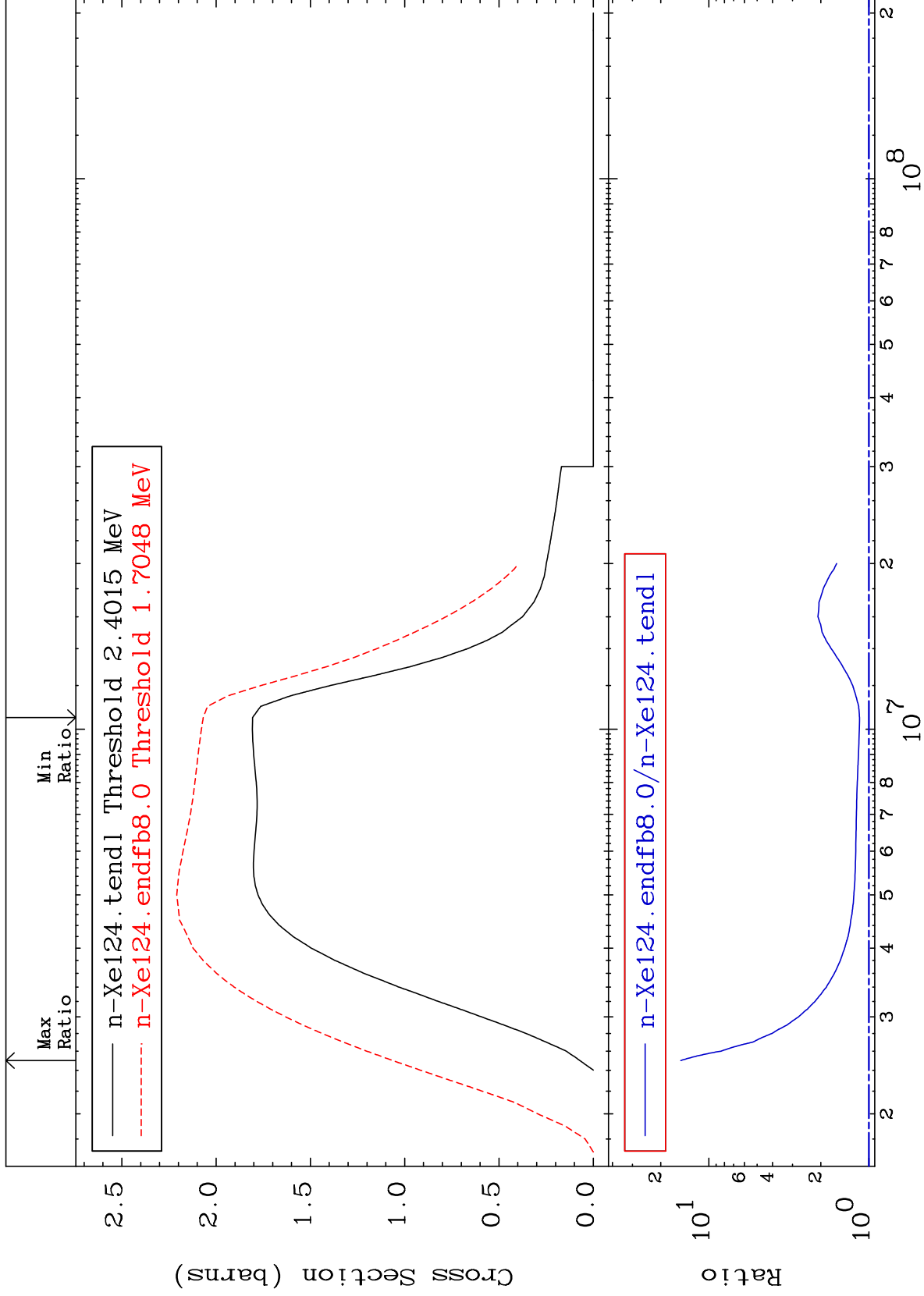




MAT 5425

(n, n') Continuum  
Cross Section

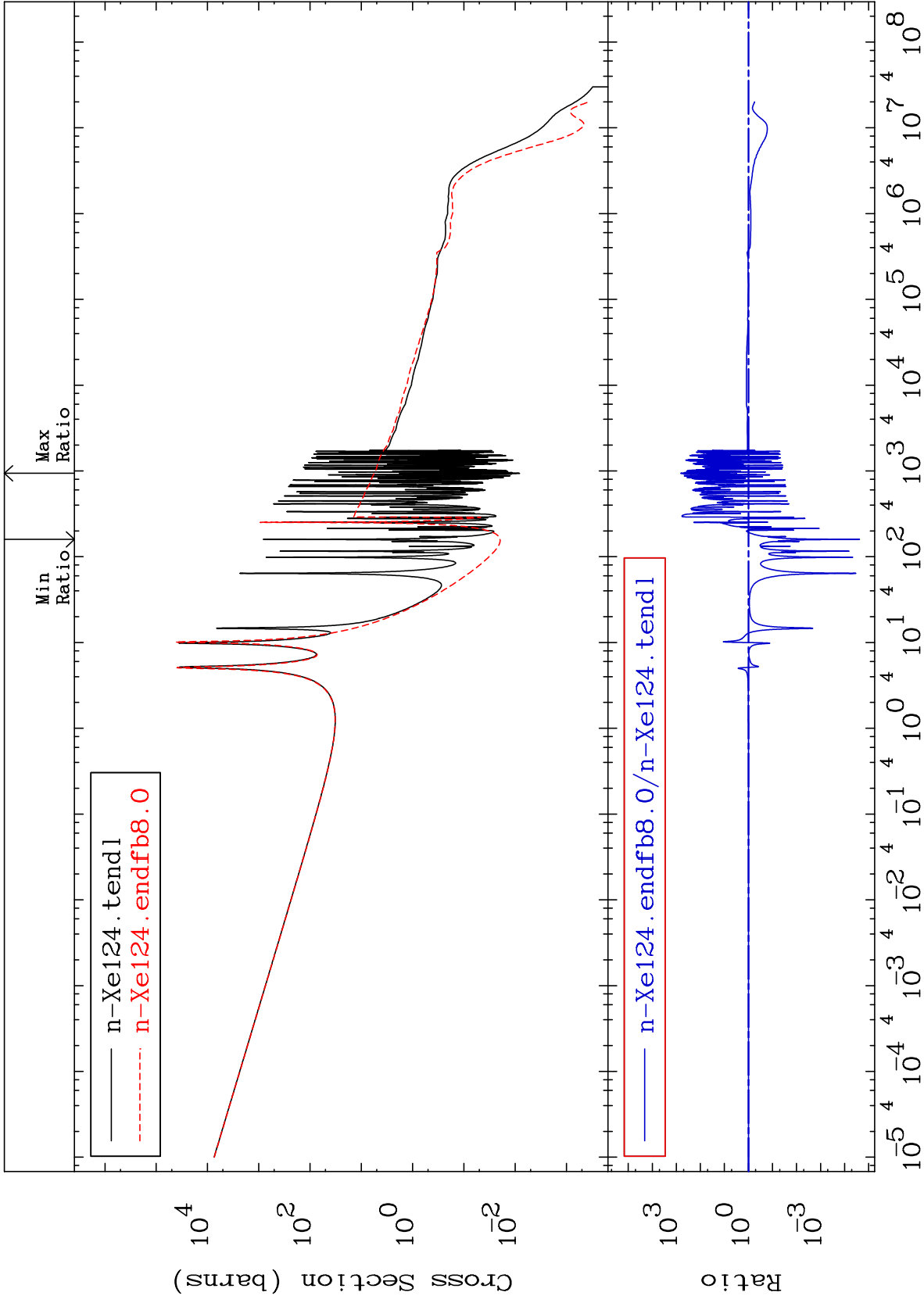
54-Xe-124  
14.48 To 1399. %



MAT 5425

(n,  $\gamma$ )  
Cross Section

54-Xe-124  
-100.0 To 9999. %



18

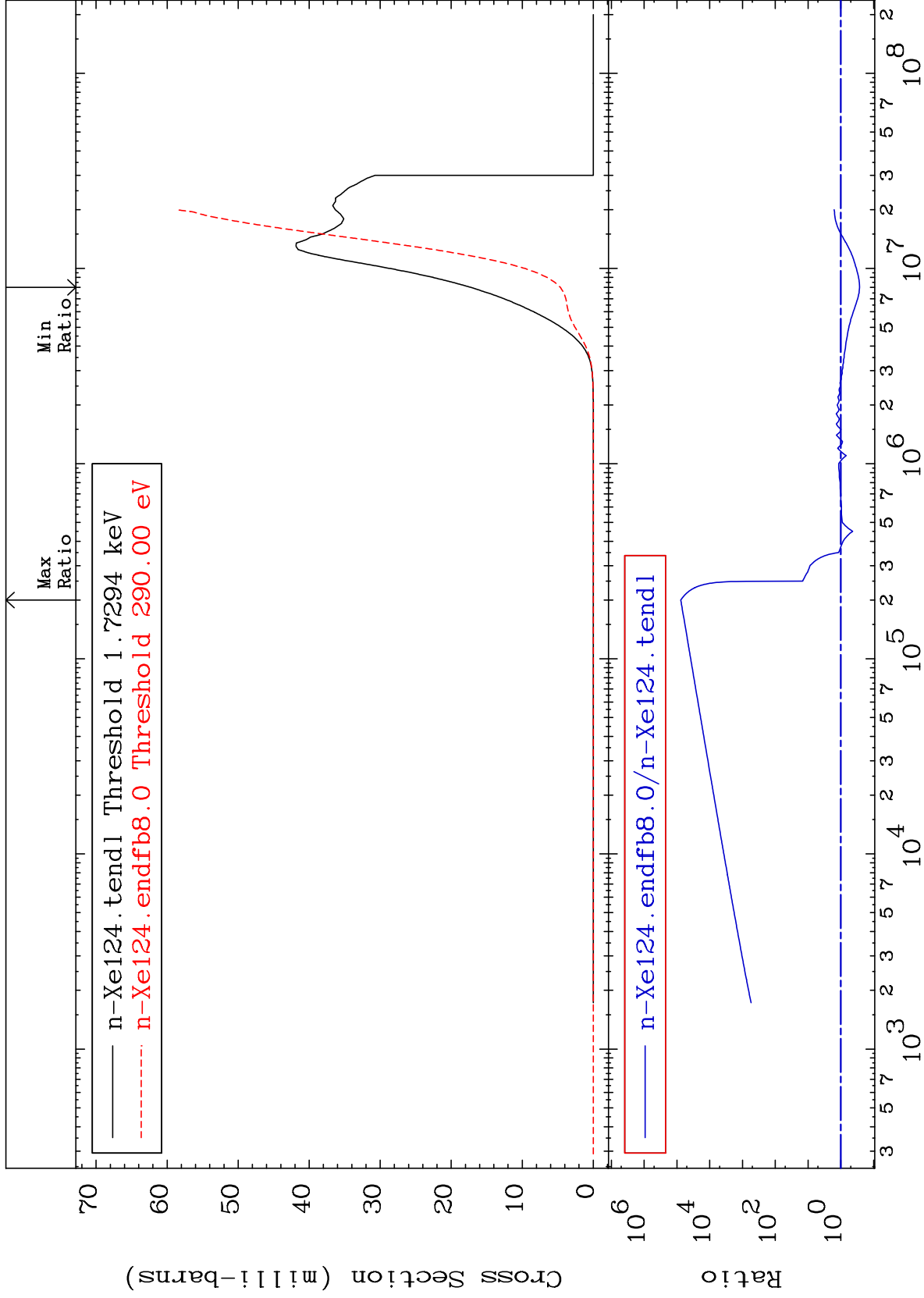
Incident Energy (eV)

54-Xe-124

MAT 5425

54-Xe-124

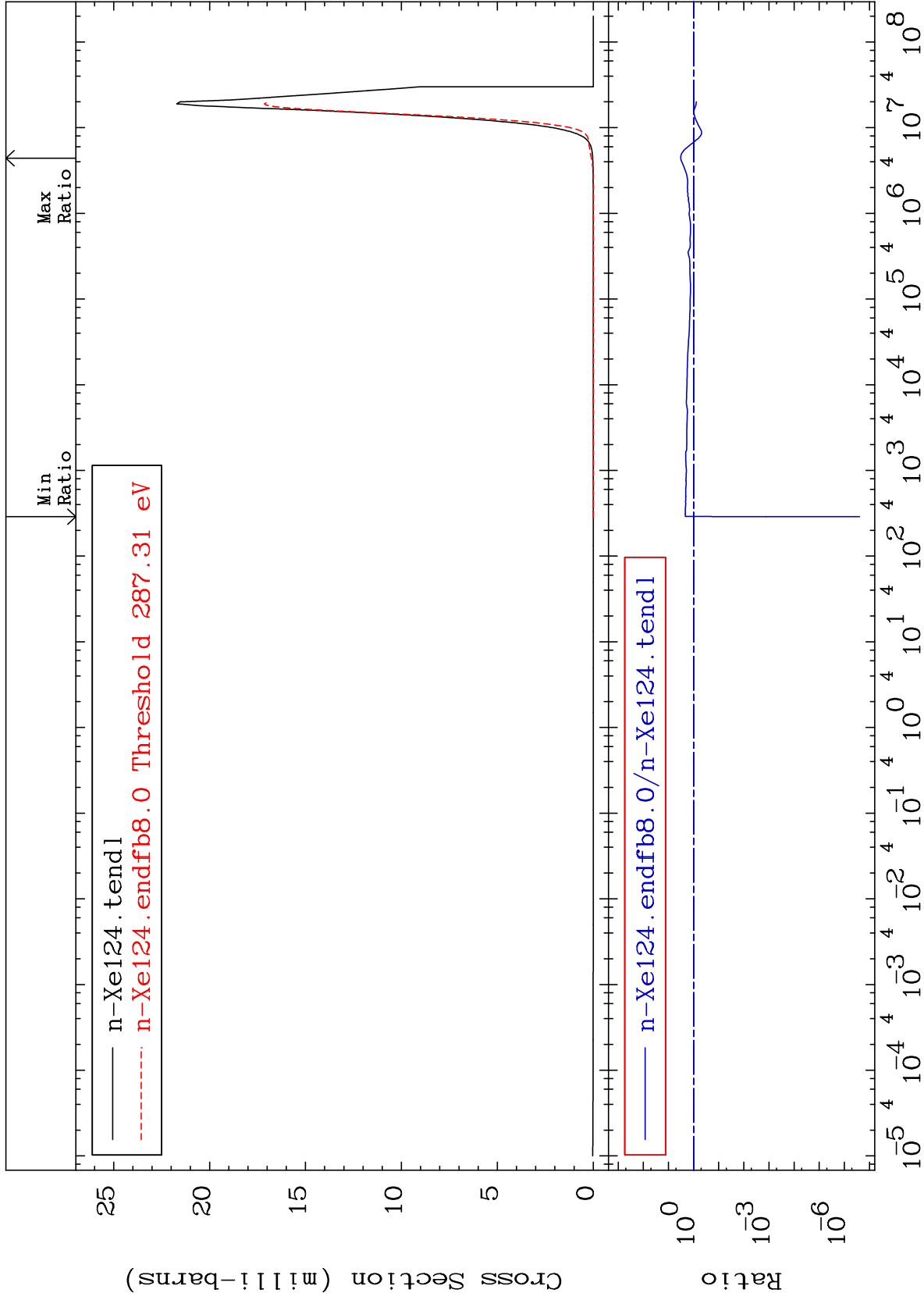
(n, p)  
Cross Section  
-73.09 To 9999. %

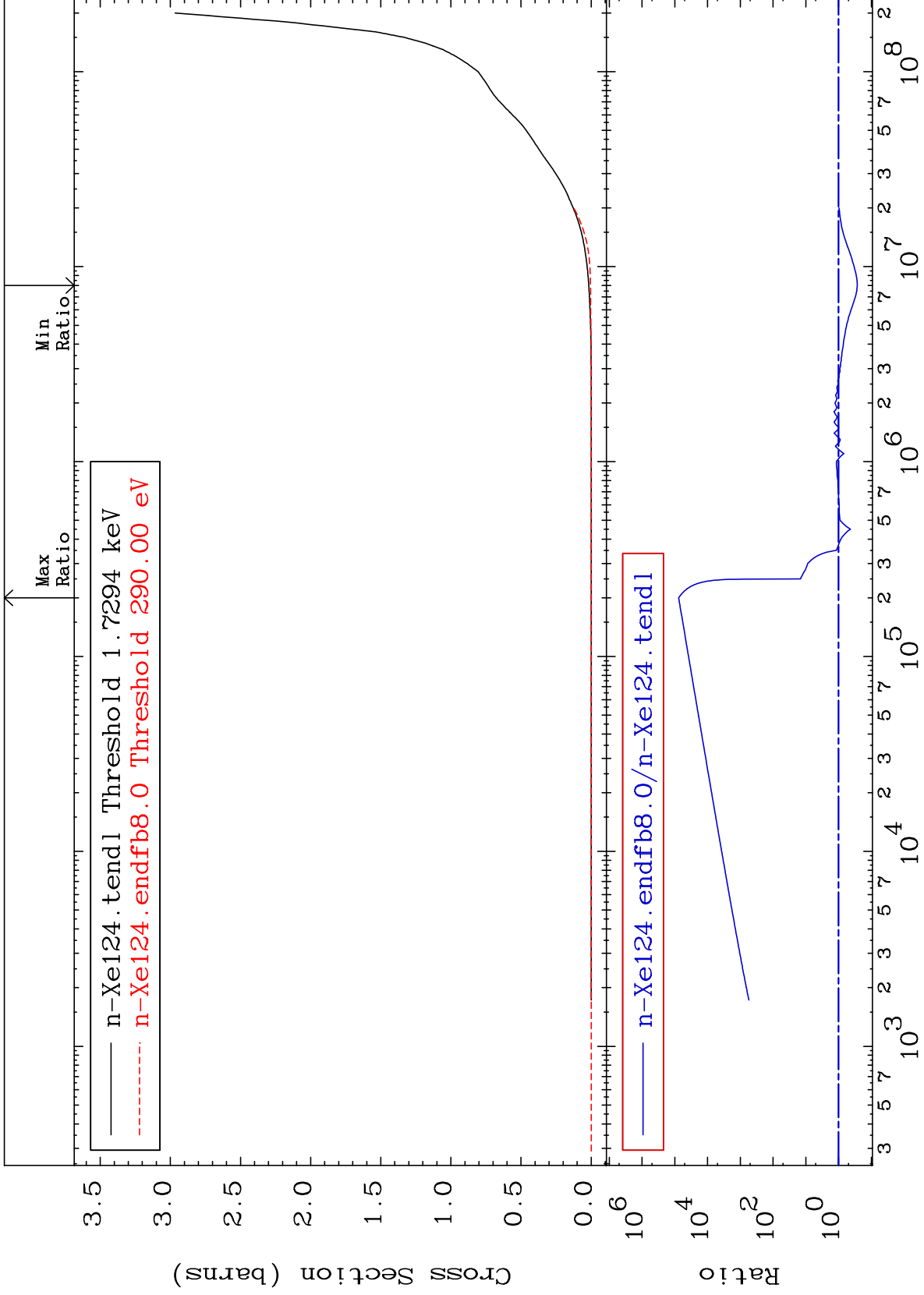


MAT 5425

(n,  $\alpha$ )  
Cross Section

54-Xe-124  
-100.0 To 223.0 %

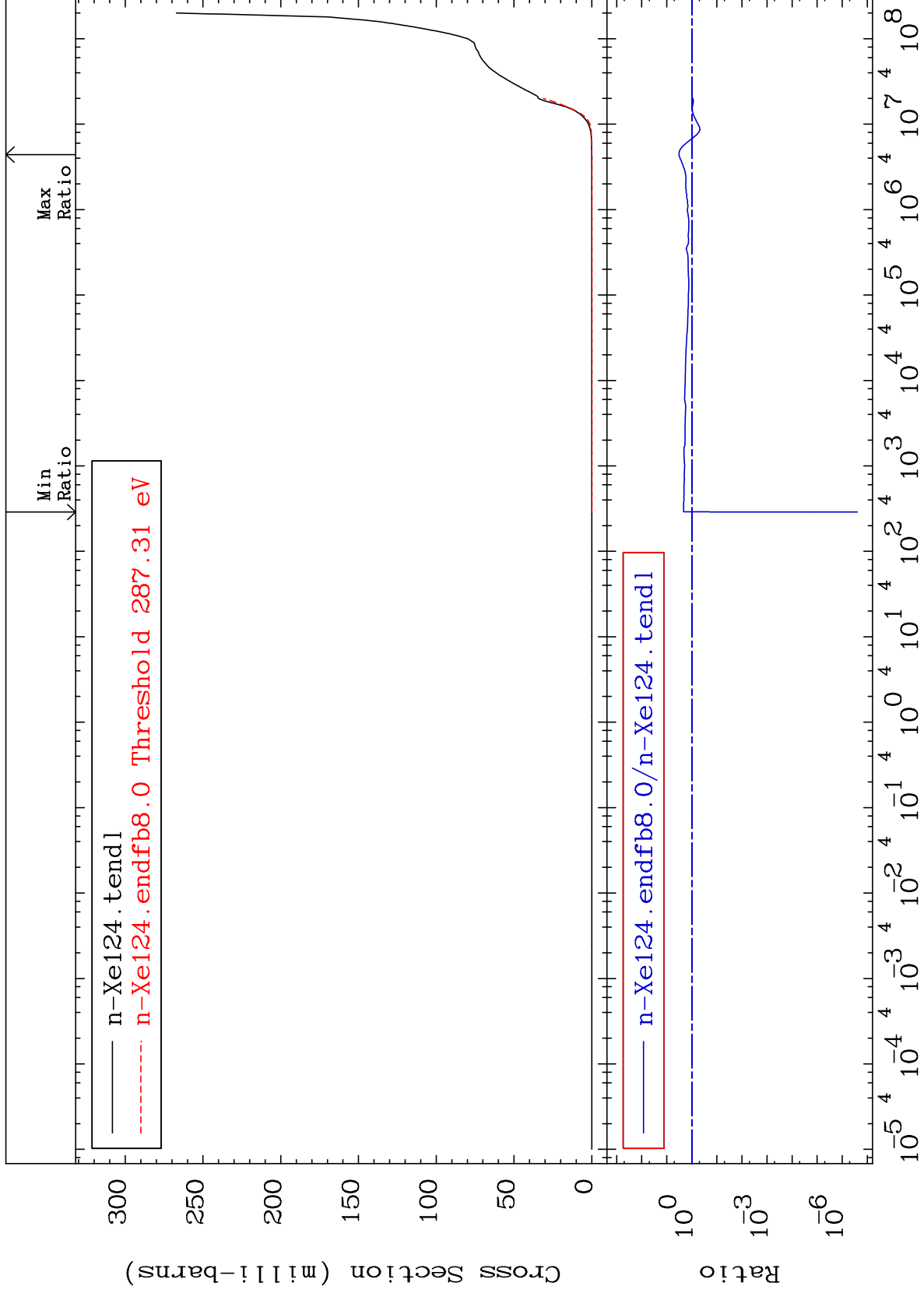




MAT 5425

He-4 Production  
Cross Section

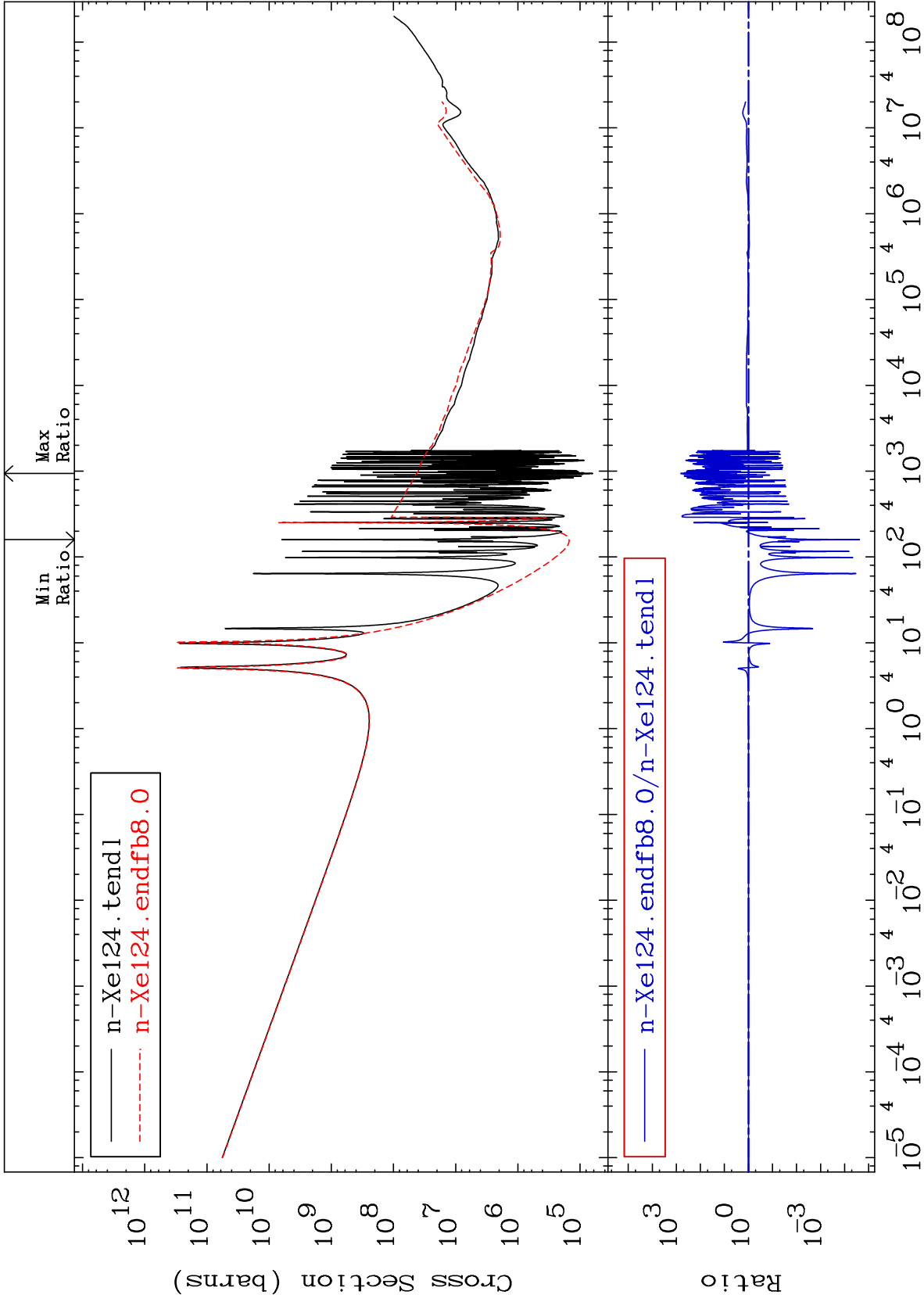
54-Xe-124  
-100.0 To 223.0 %



22

Incident Energy (eV)

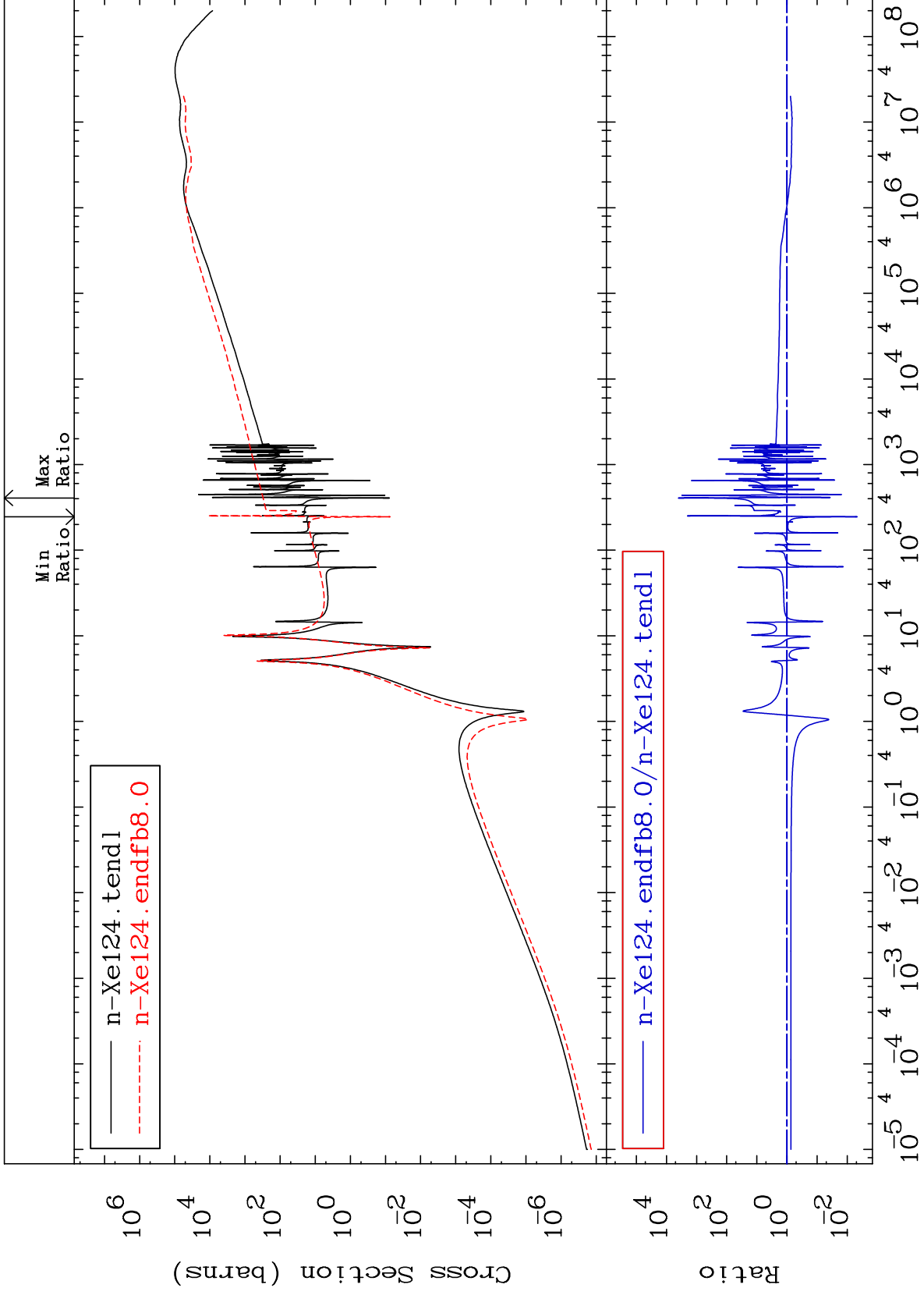
54-Xe-124



MAT 5425

Kerma elastic  
Cross Section

54-Xe-124  
-99.53 To 9999. %

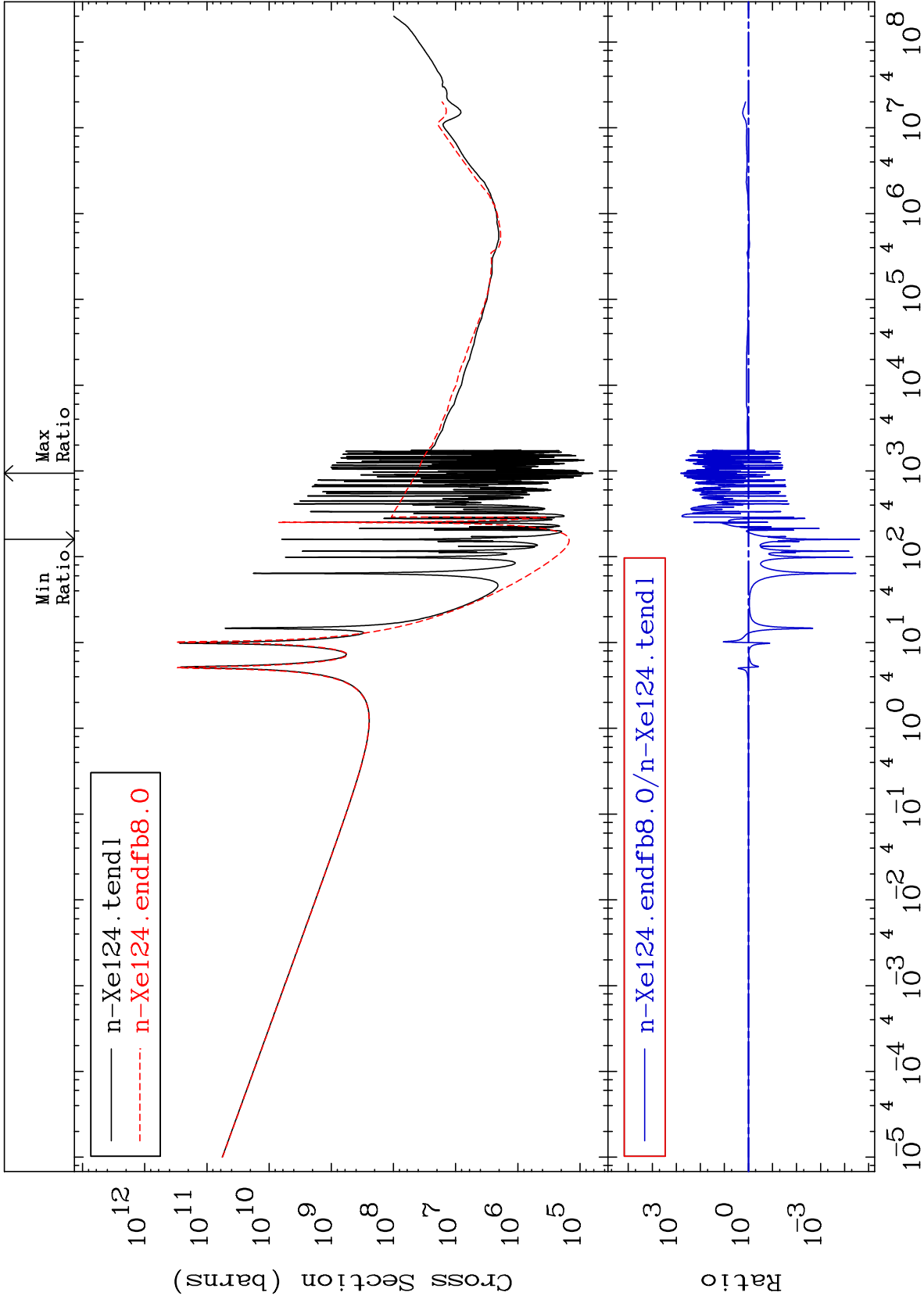


24

Incident Energy (eV)

54-Xe-124

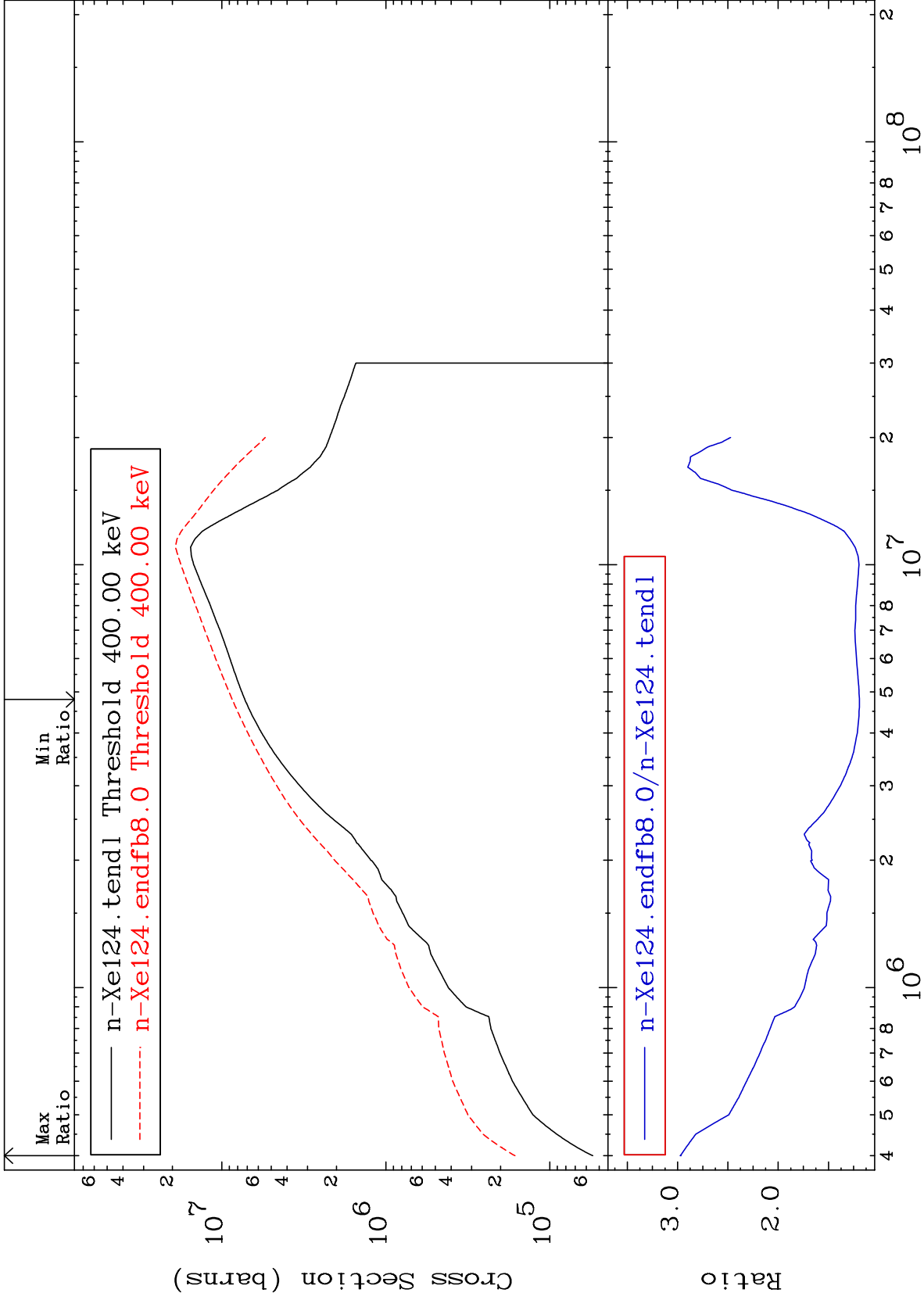




MAT 5425

Kerma inelastic (mt51-91)  
Cross Section

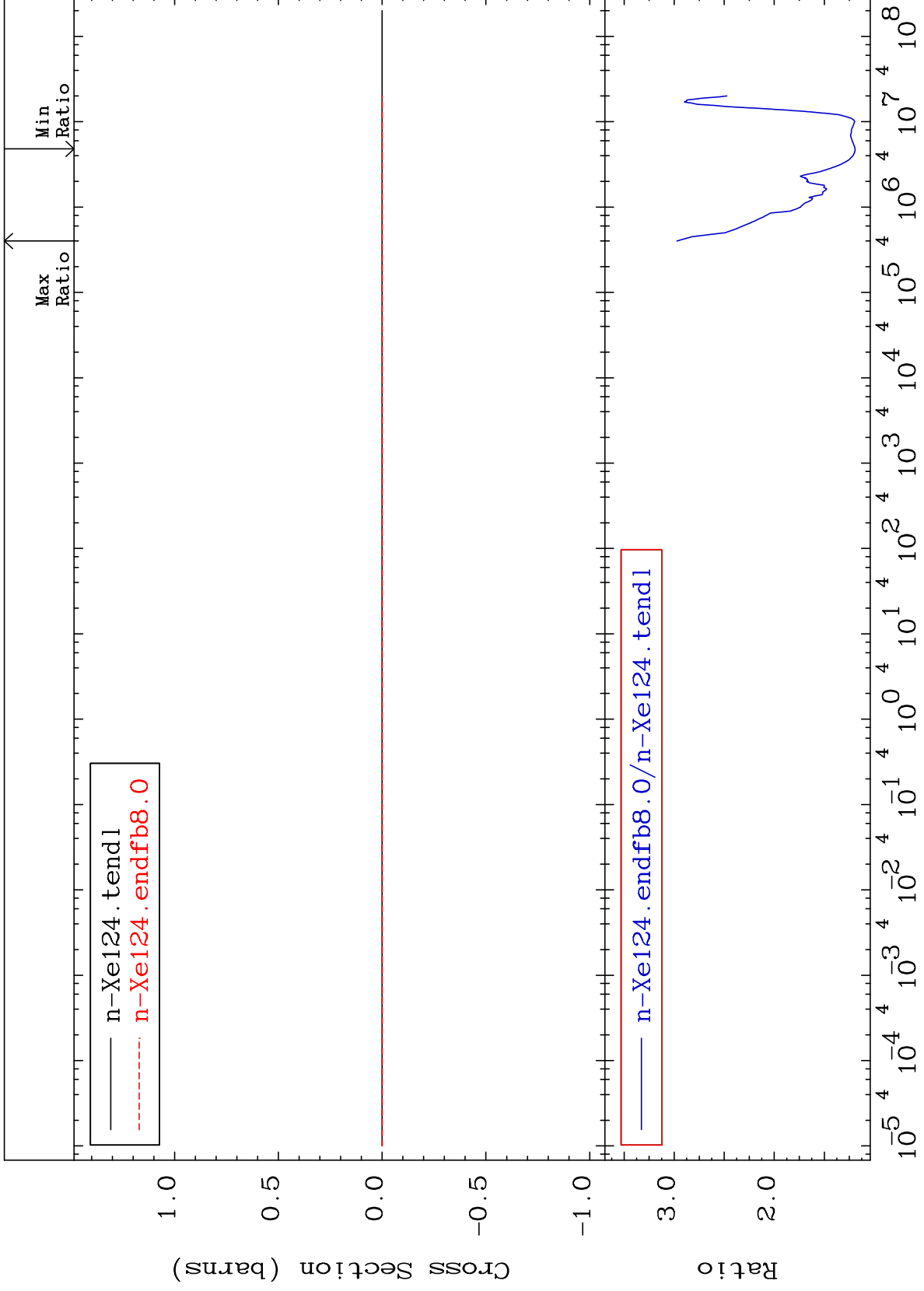
54-Xe-124  
19.21 To 197.3 %

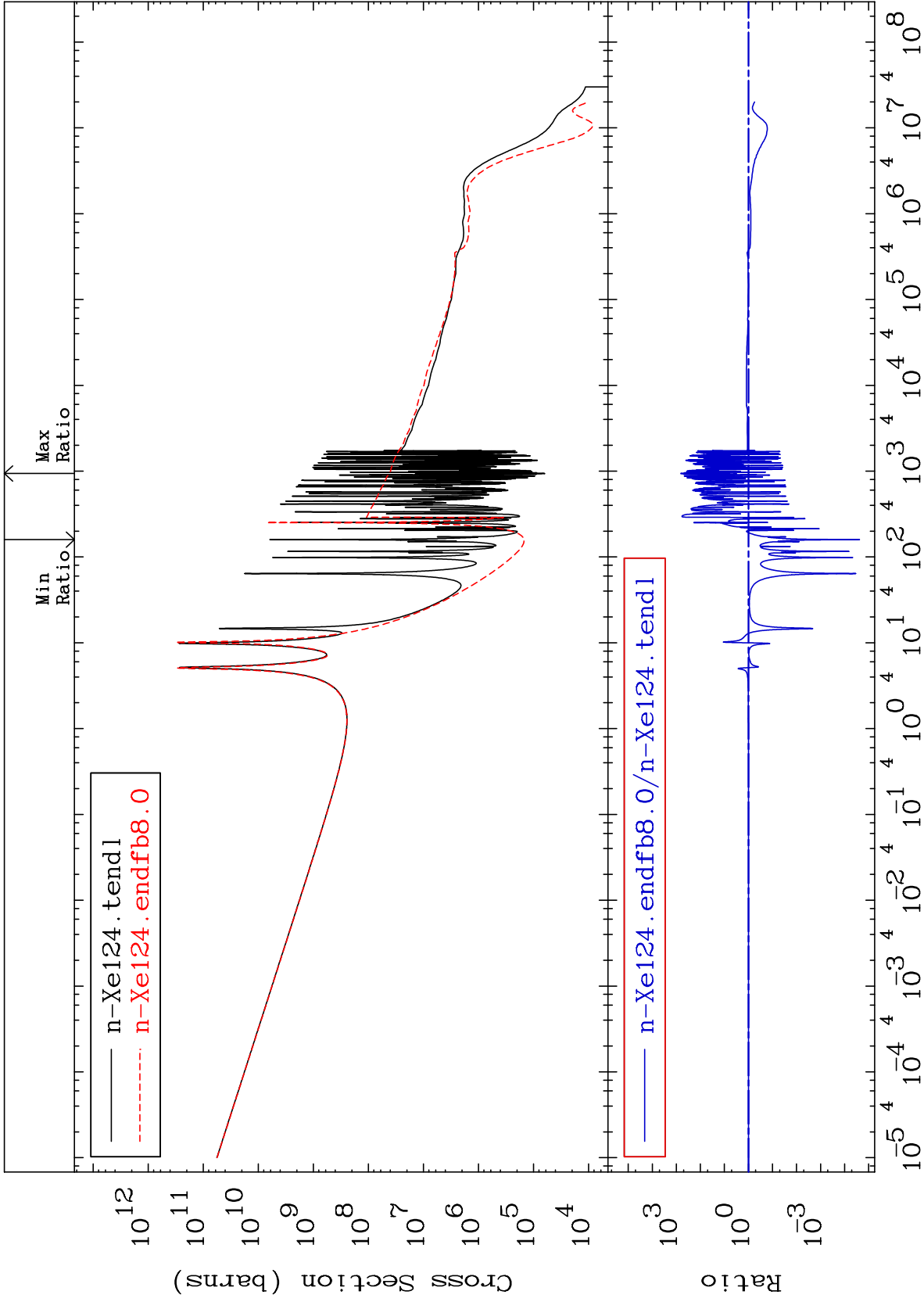


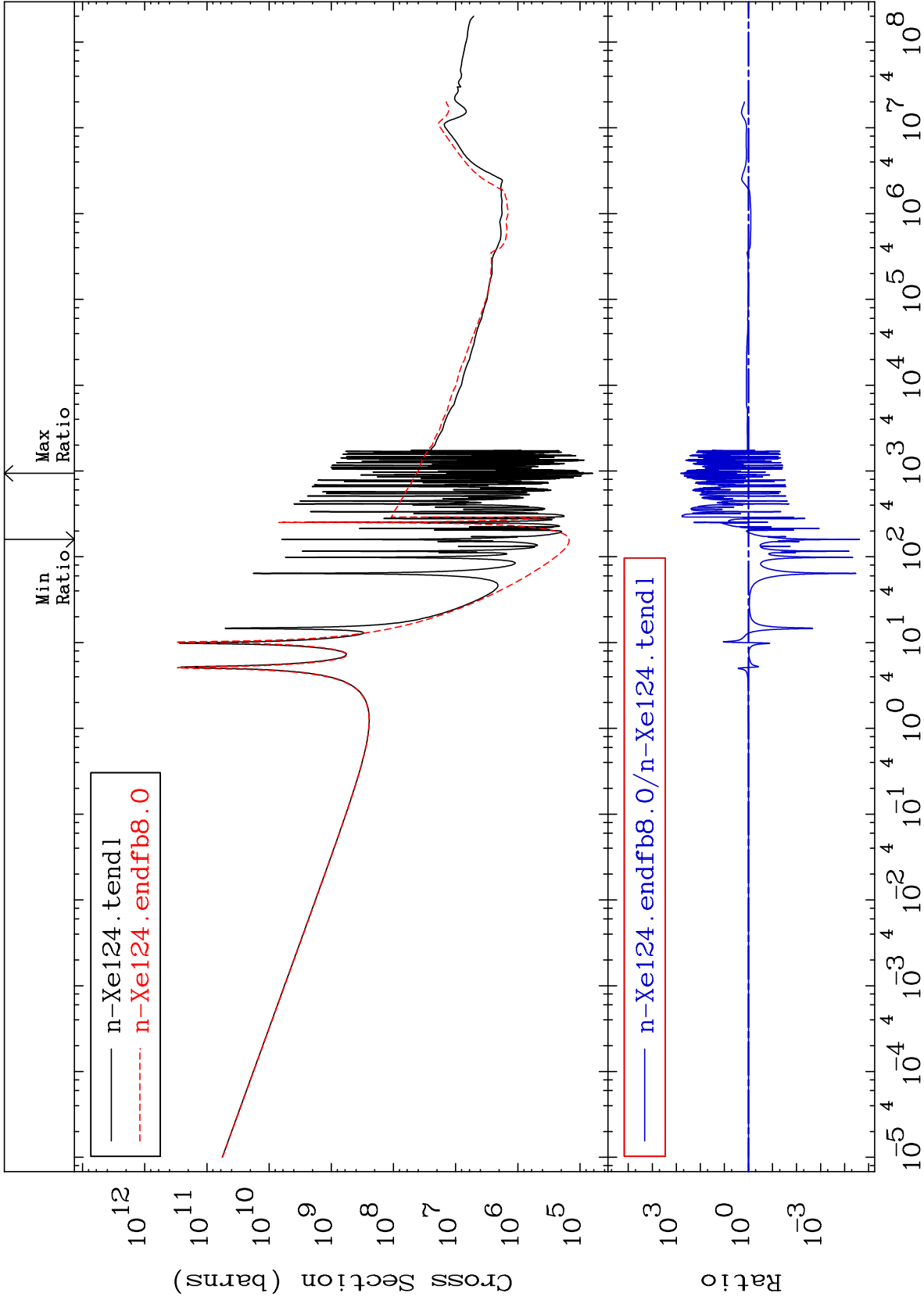
MAT 5425

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

54-Xe-124  
19.21 To 197.3 %





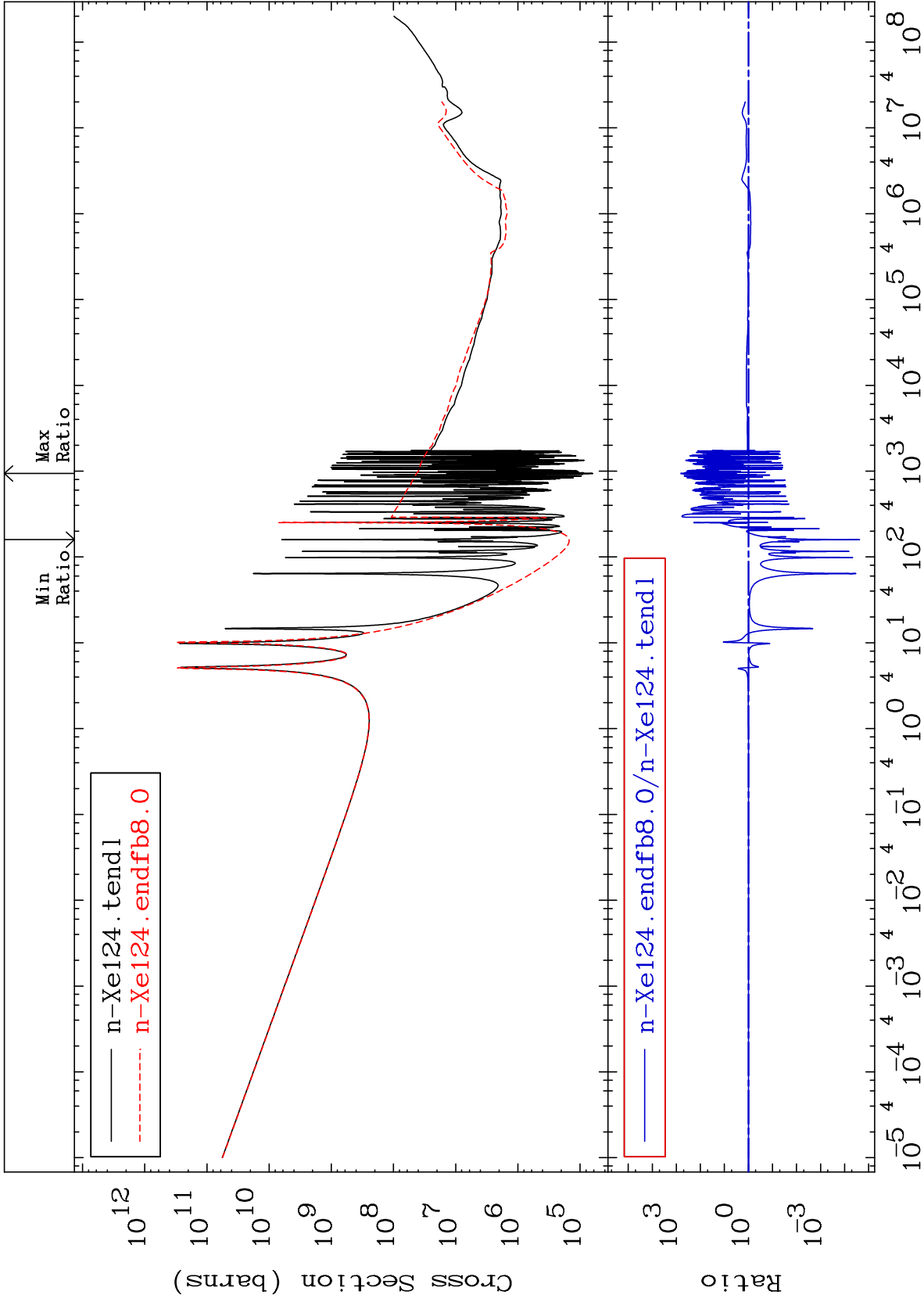


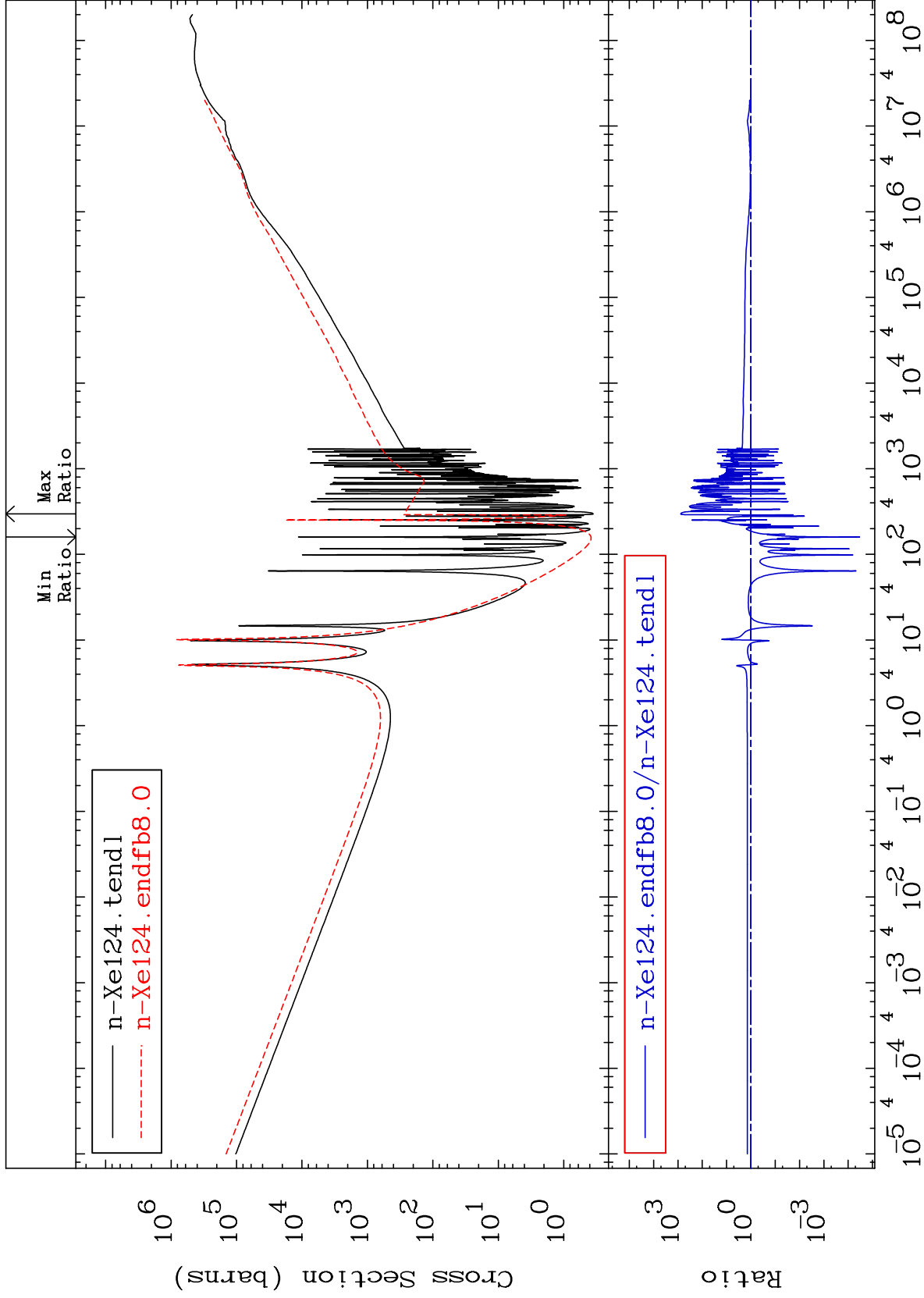
MAT 5425

Total kinematic kerma (high limit)

54-Xe-124

-100.0 To 9999. %





MAT 5425

Dpa elastic (mt2)  
Cross Section

54-Xe-124  
-94.87 To 9999. %

