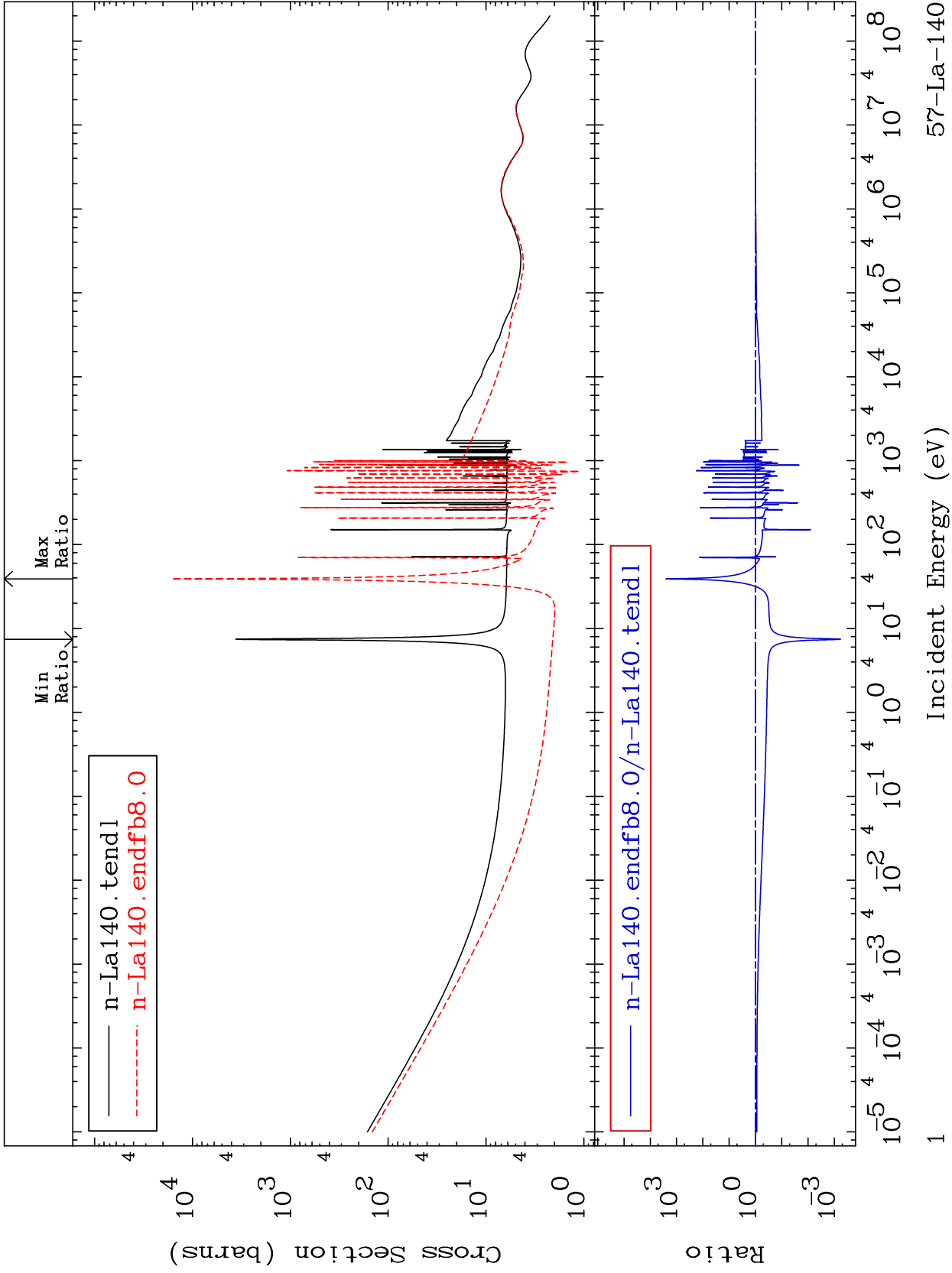


MAT 5731

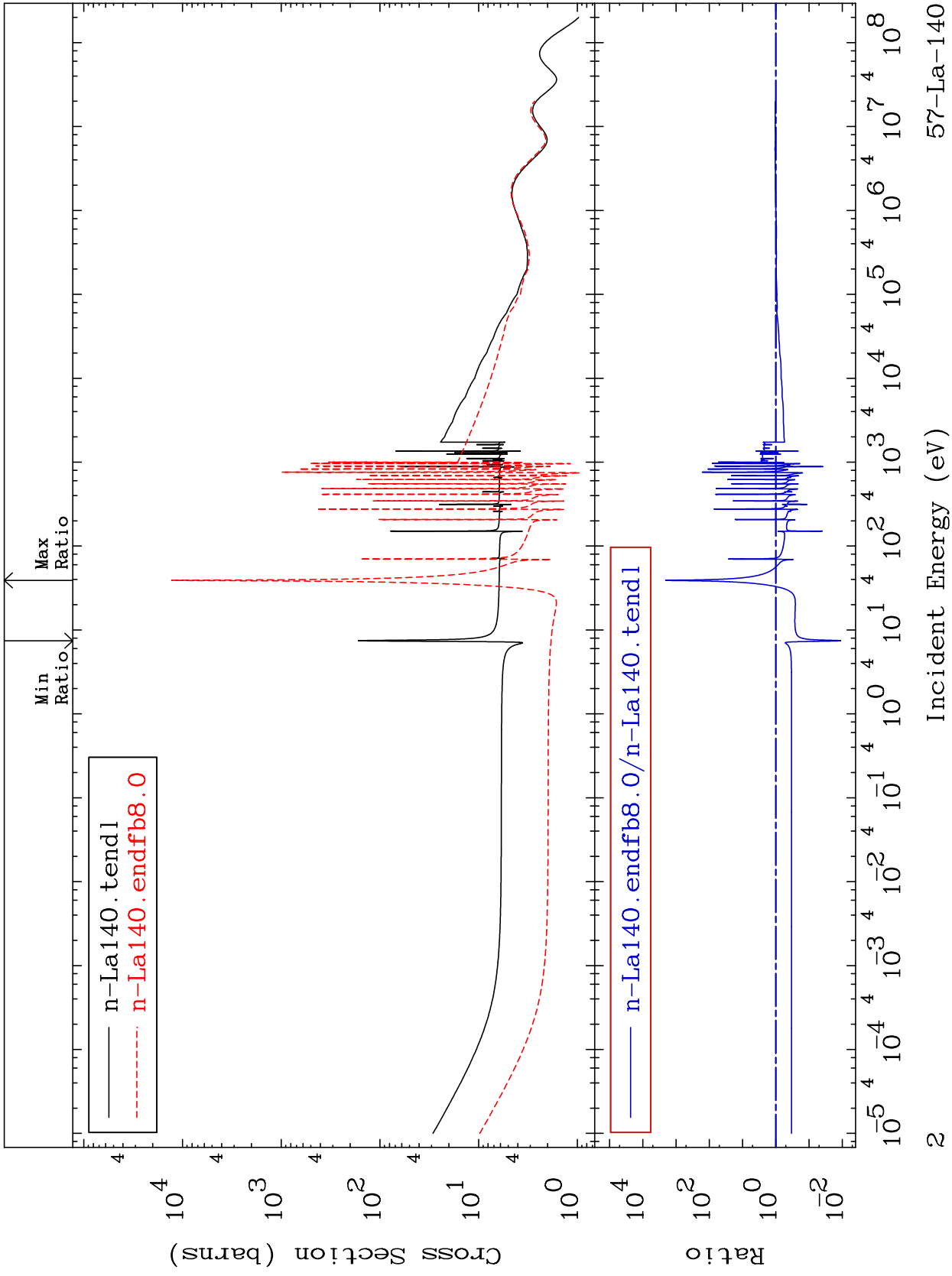
Total Cross Section  
57-La-140  
-99.94 To 9999. %



57-La-140

MAT 5731

Elastic Cross Section  
57-La-140  
-98.88 To 9999. %



57-La-140

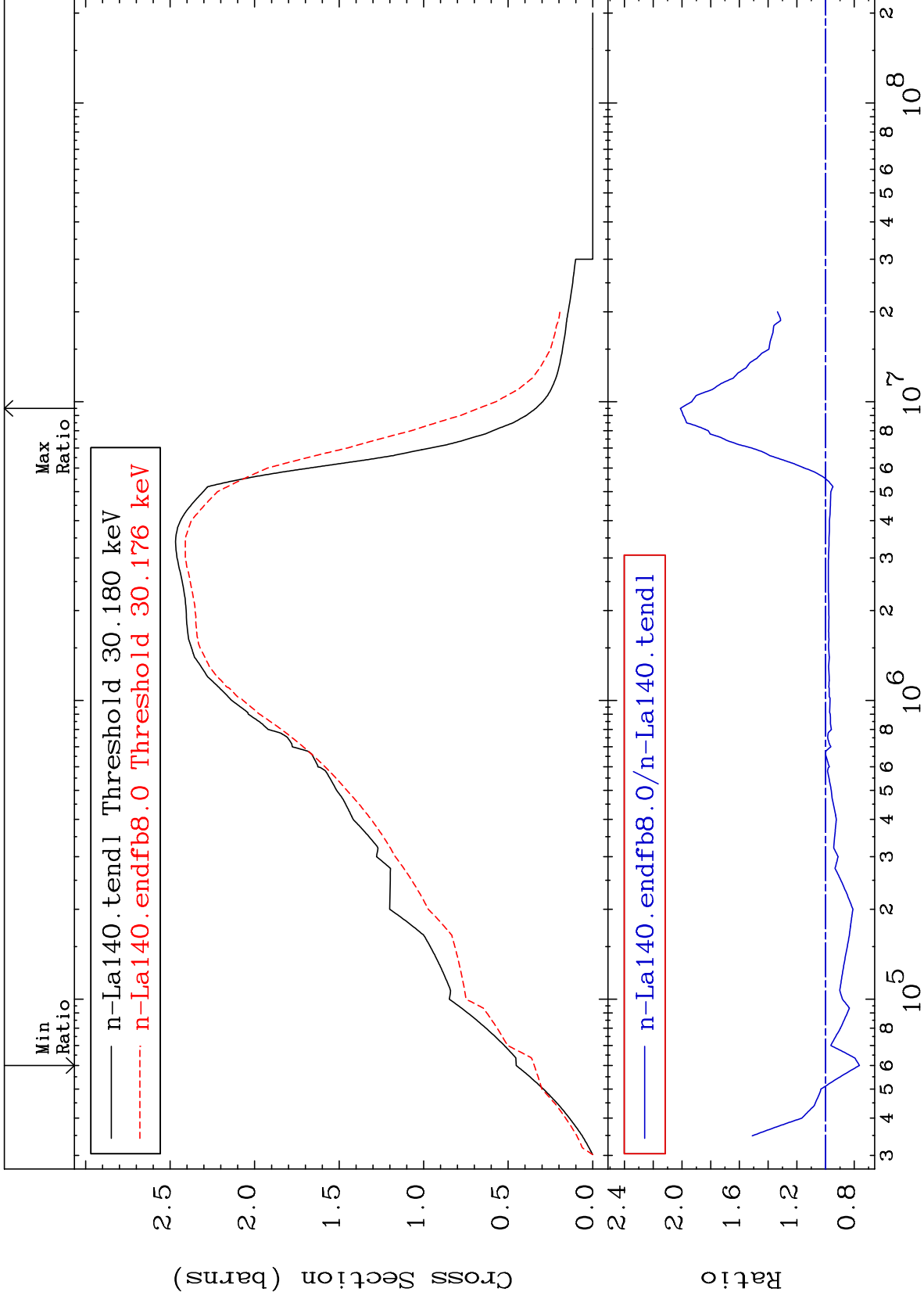
Incident Energy (eV)

2

MAT 5731

Inelastic  
Cross Section

57-La-140  
-23.57 To 101.1 %



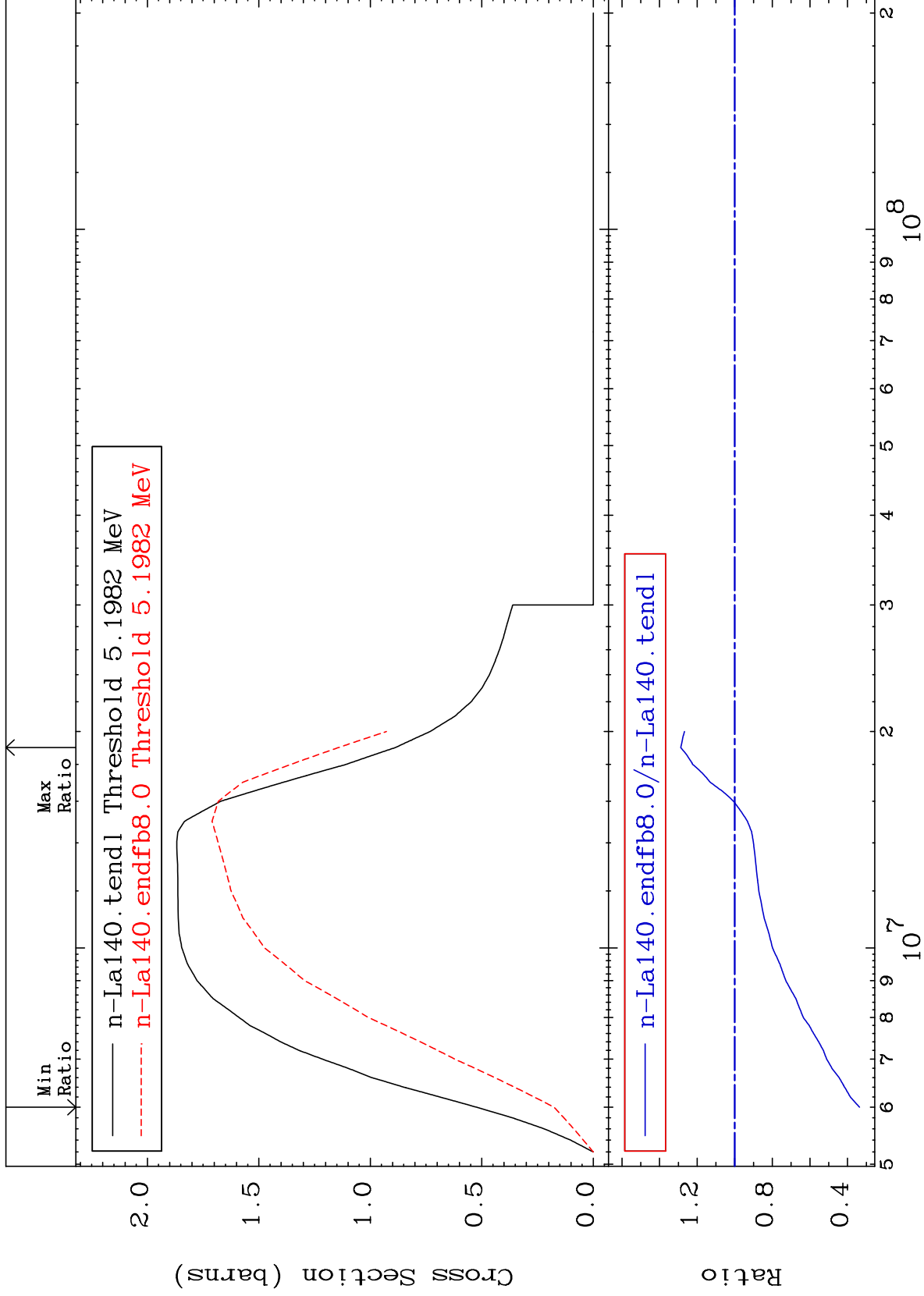
MAT 5731

(n,2n)

57-La-140

Cross Section

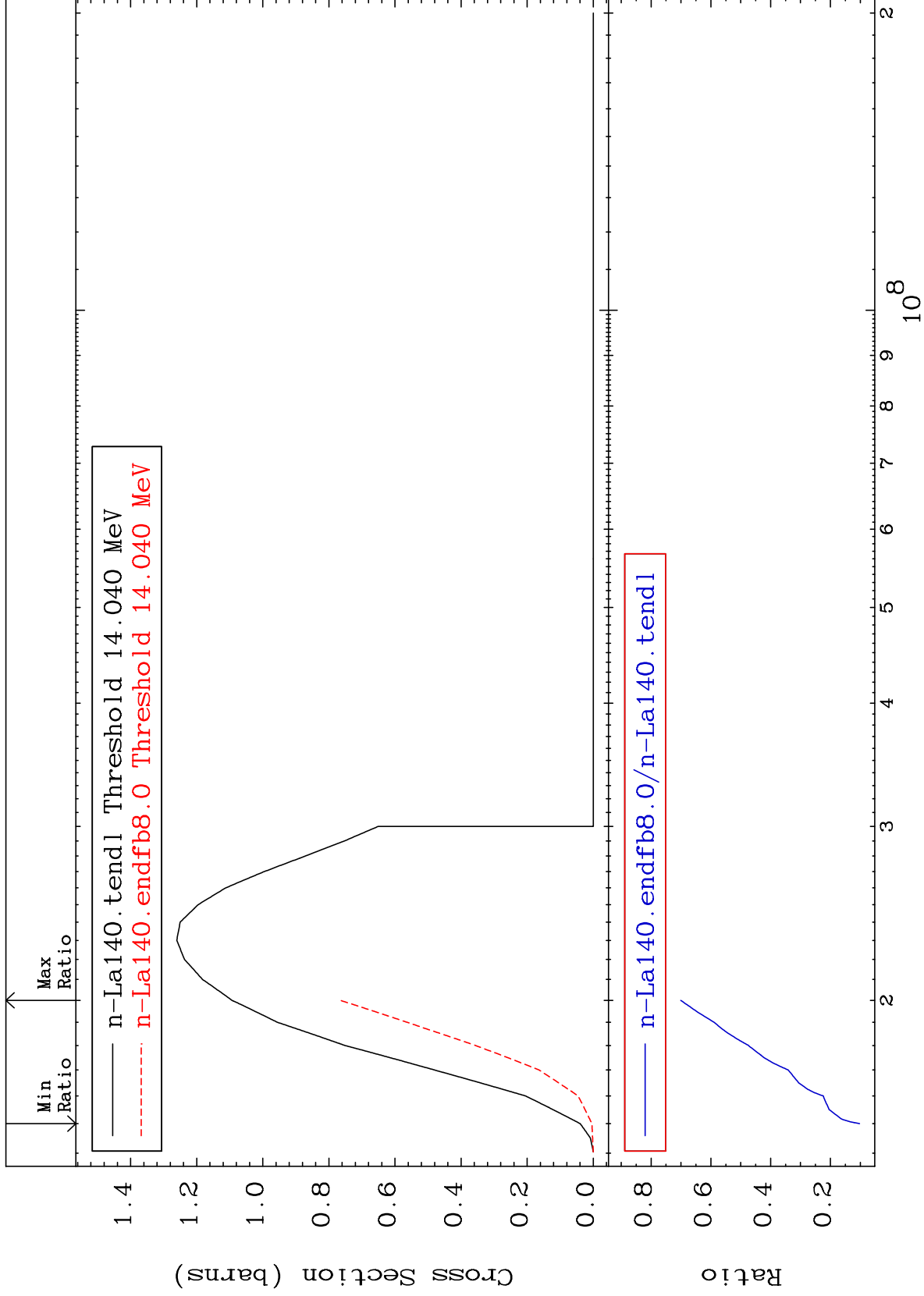
-66.39 To 28.71 %



4

Incident Energy (eV)

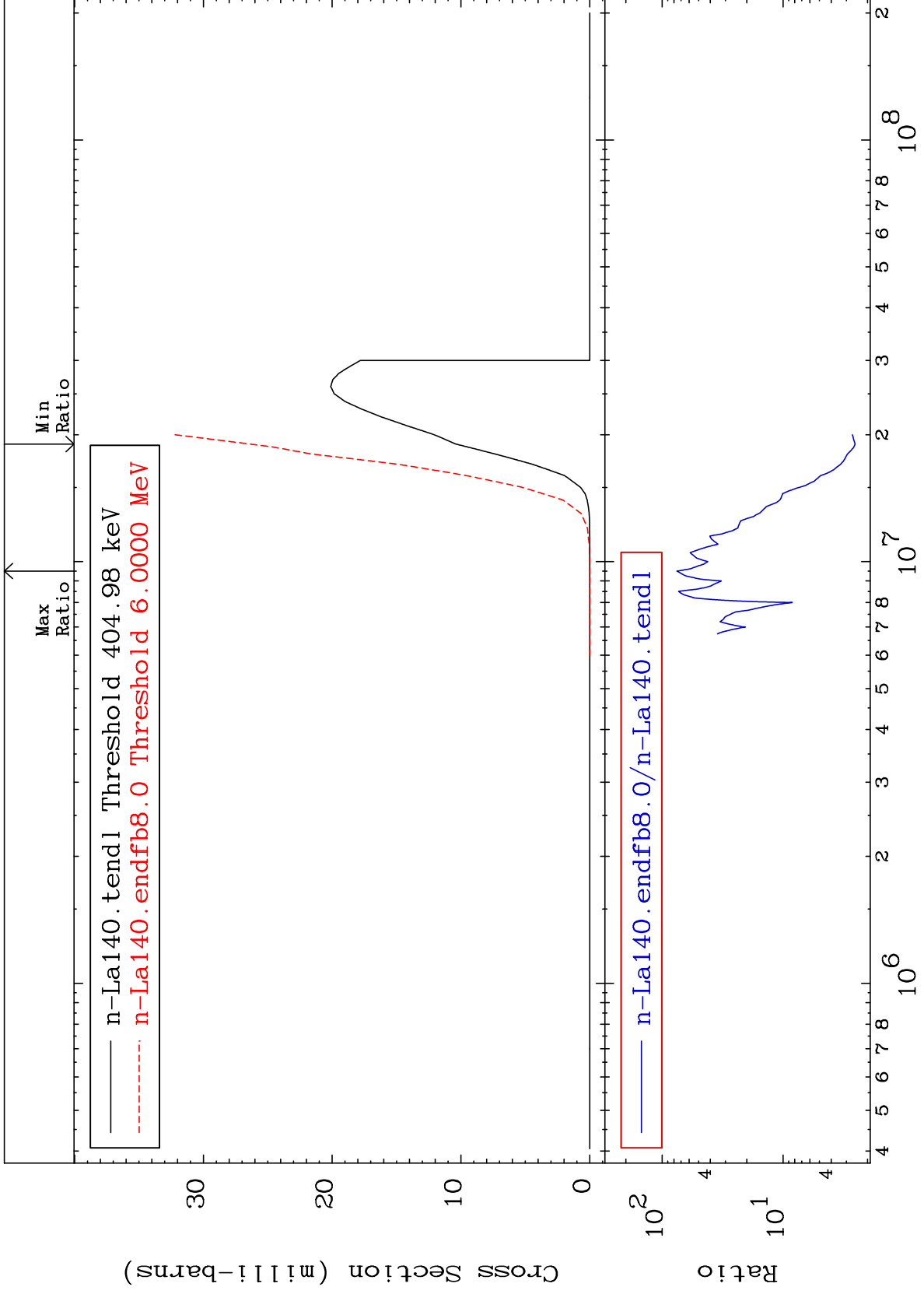
57-La-140



MAT 5731

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

57-La-140  
153.7 To 7457. %



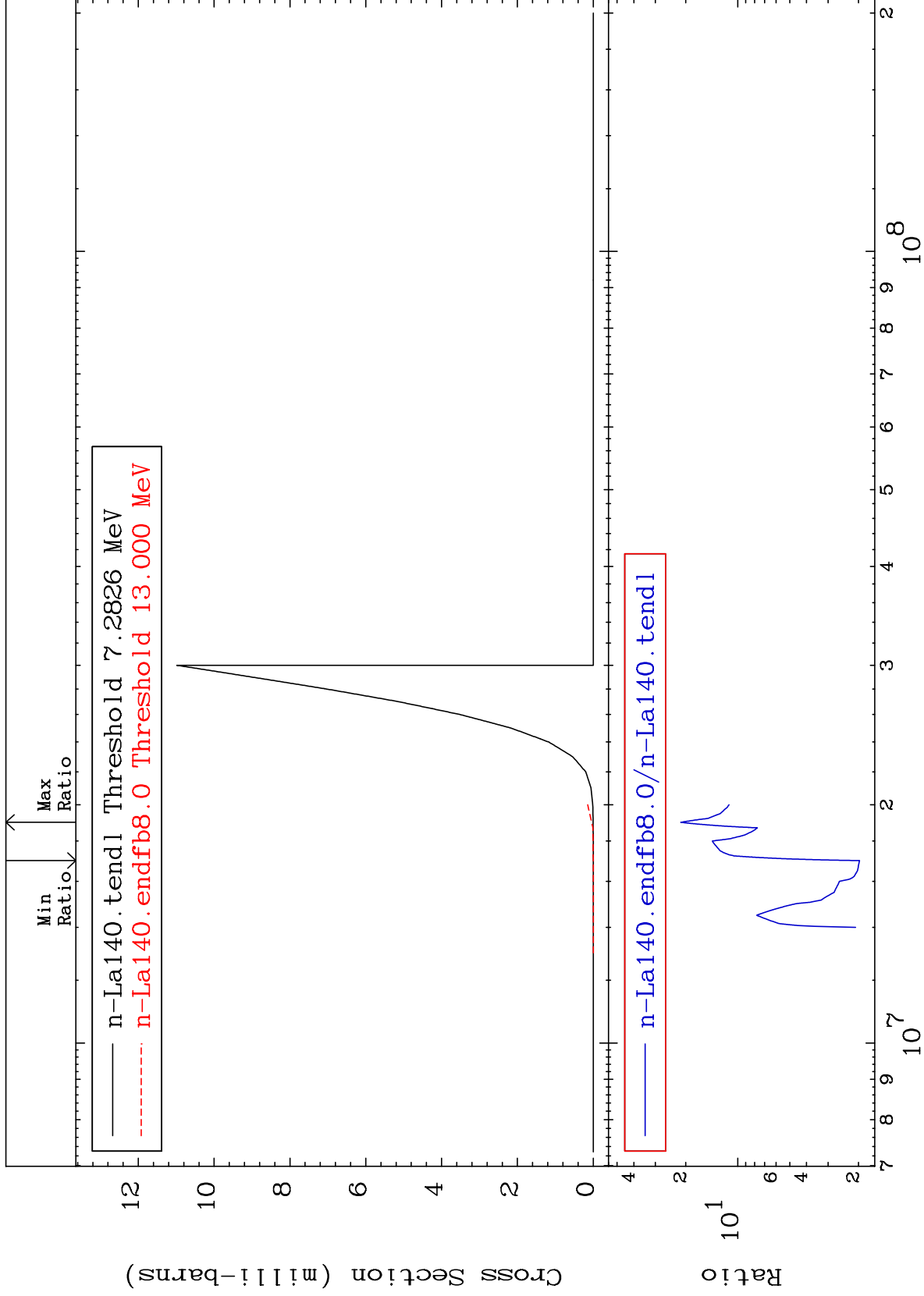
6

57-La-140

MAT 5731

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

57-La-140  
97.37 %  
To 2038.



7

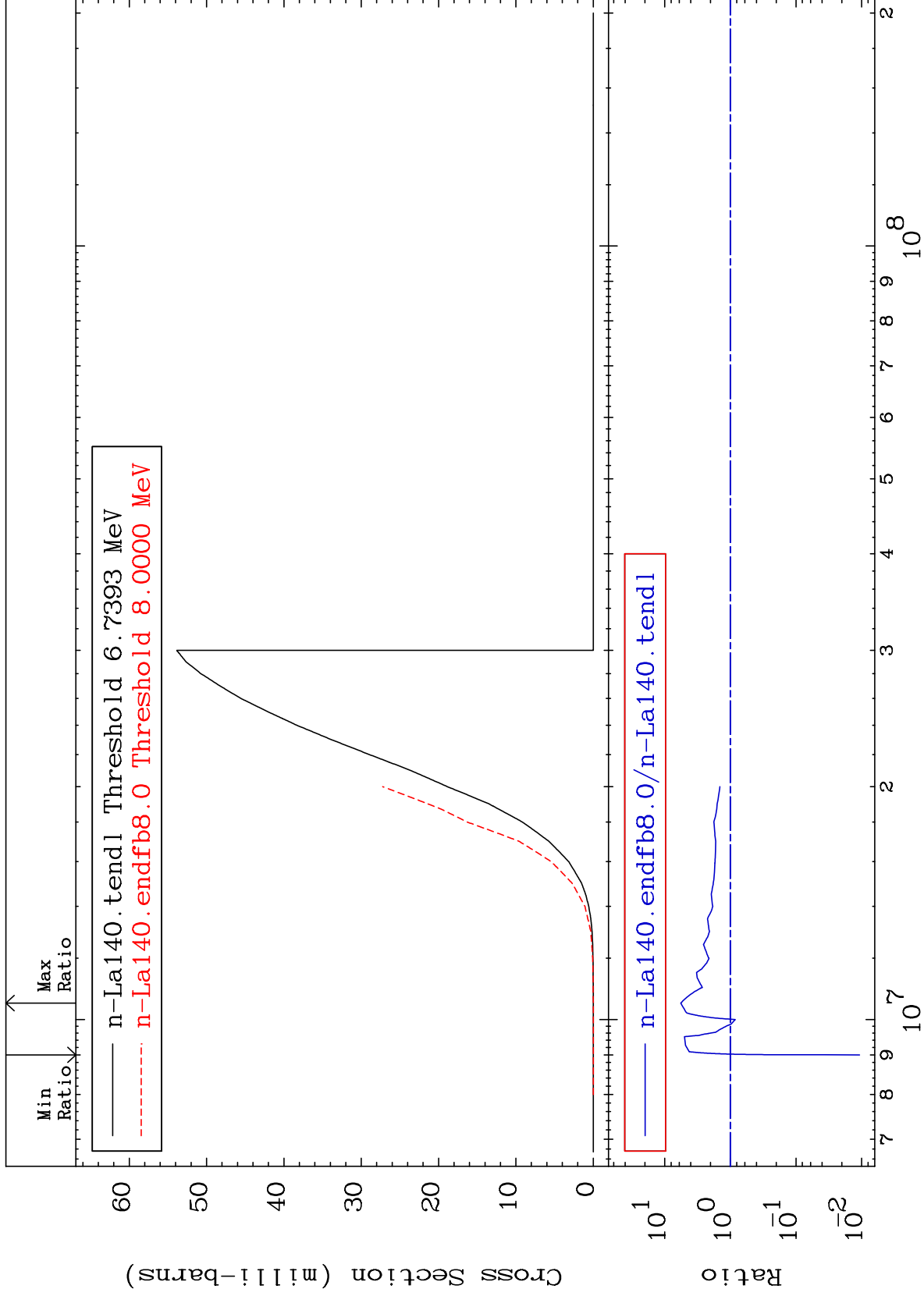
Incident Energy (eV)

57-La-140

MAT 5731

(n,n') p  
Cross Section

57-La-140  
-98.92 To 468.9 %



8

Incident Energy (eV)

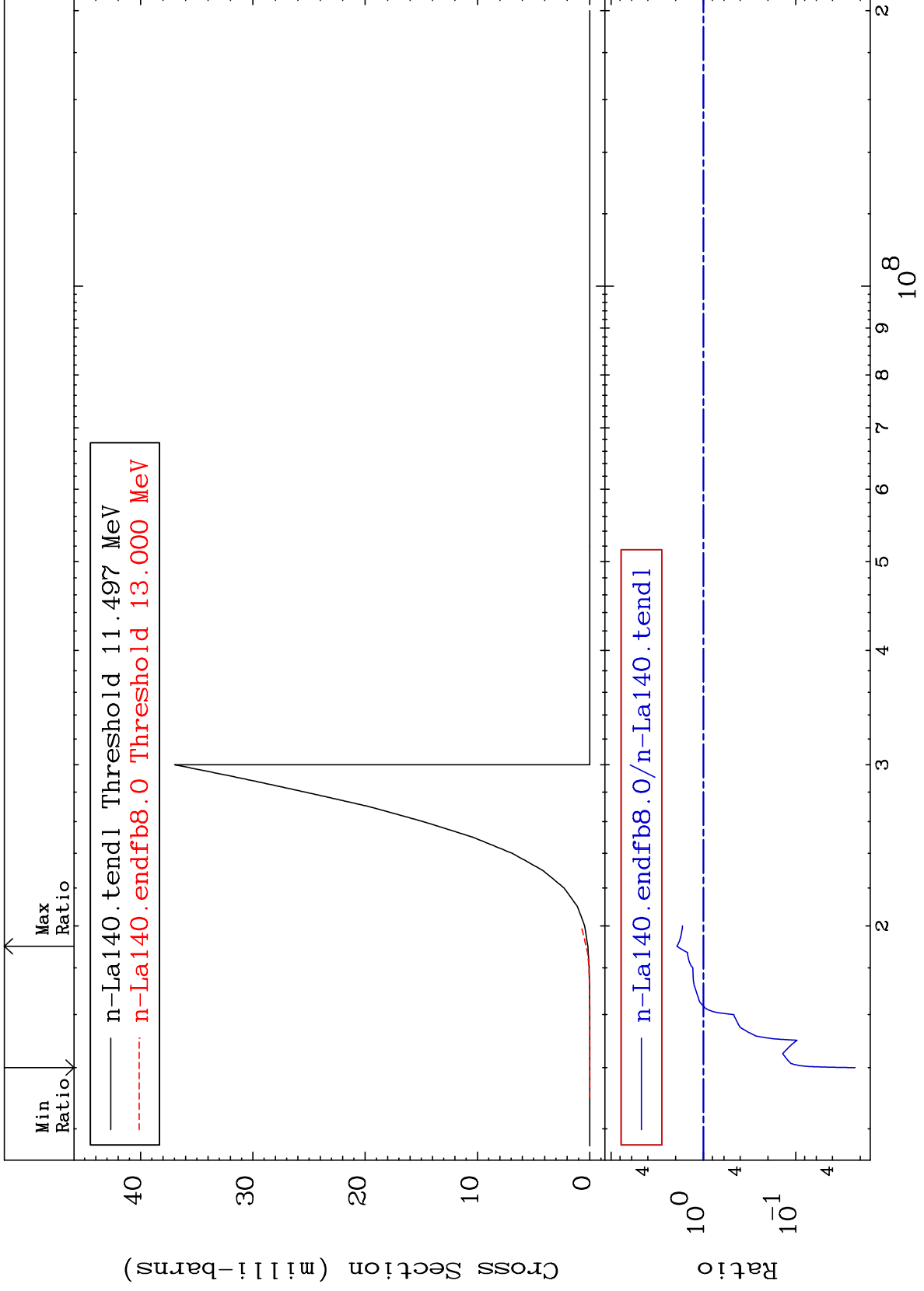
57-La-140



MAT 5731

(n,2n) p  
Cross Section

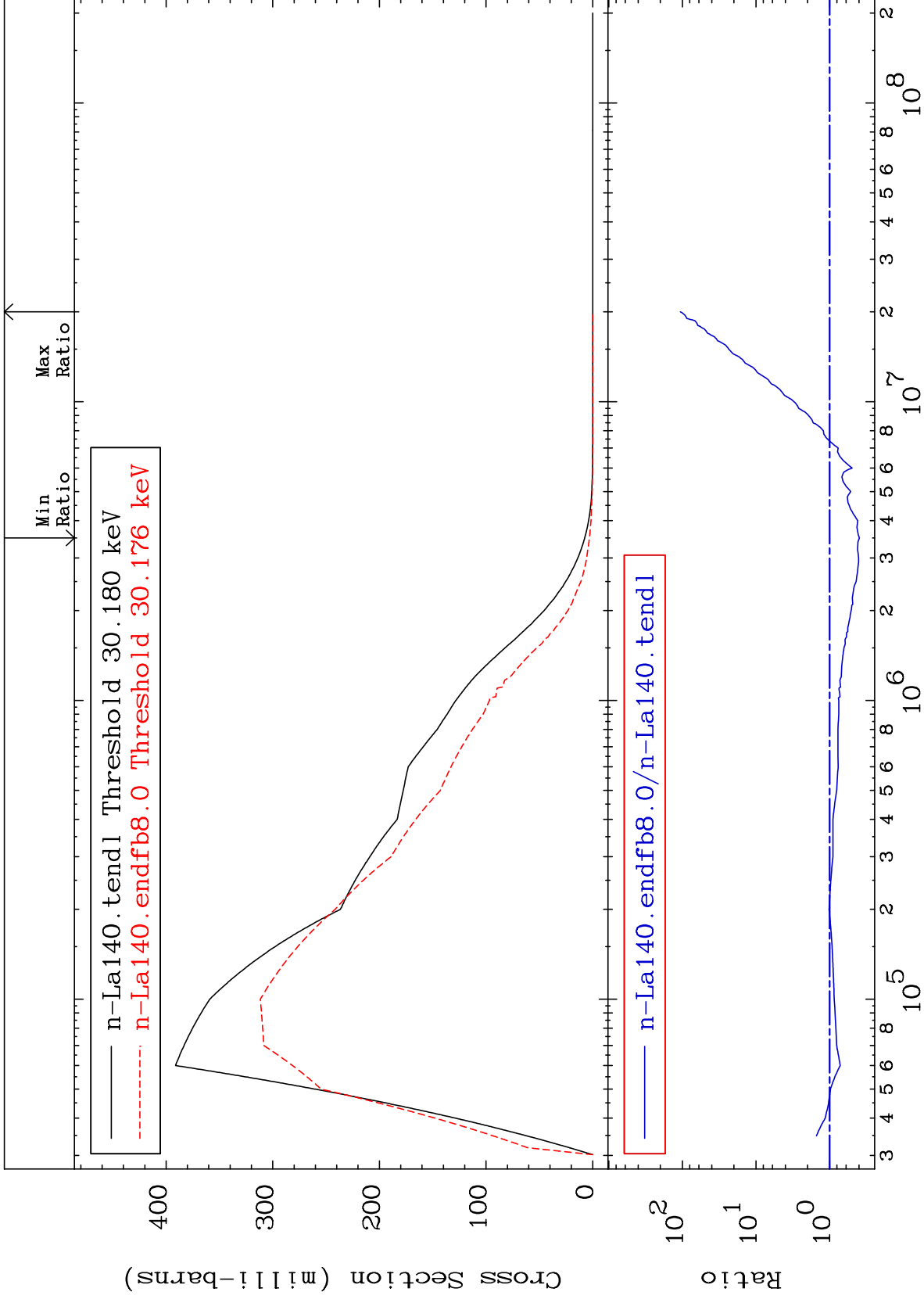
57-La-140  
-97.72 To 93.65 %



MAT 5731

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

57-La-140  
-60.53 To 9999. %



10

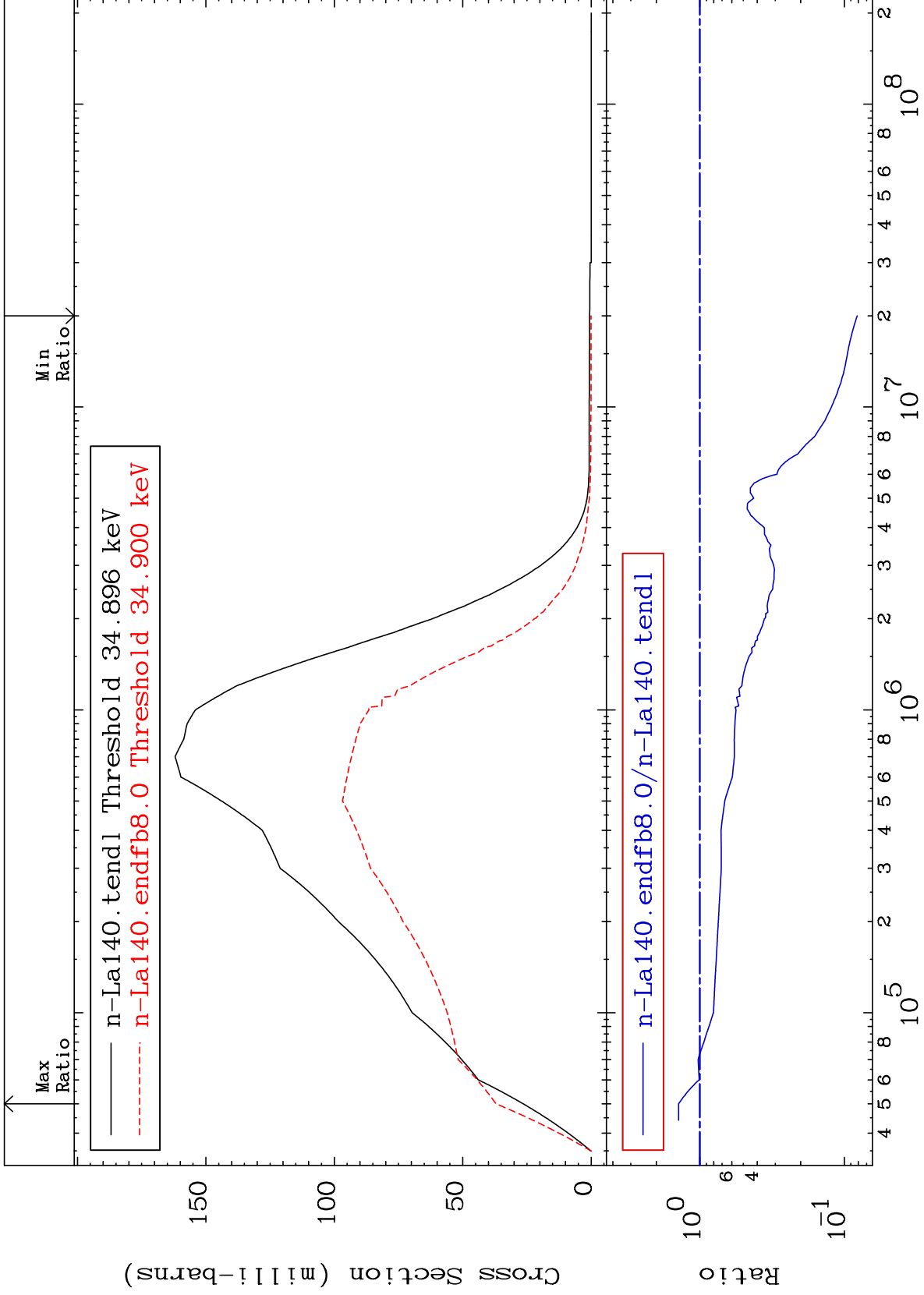
Incident Energy (eV)

57-La-140

MAT 5731

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

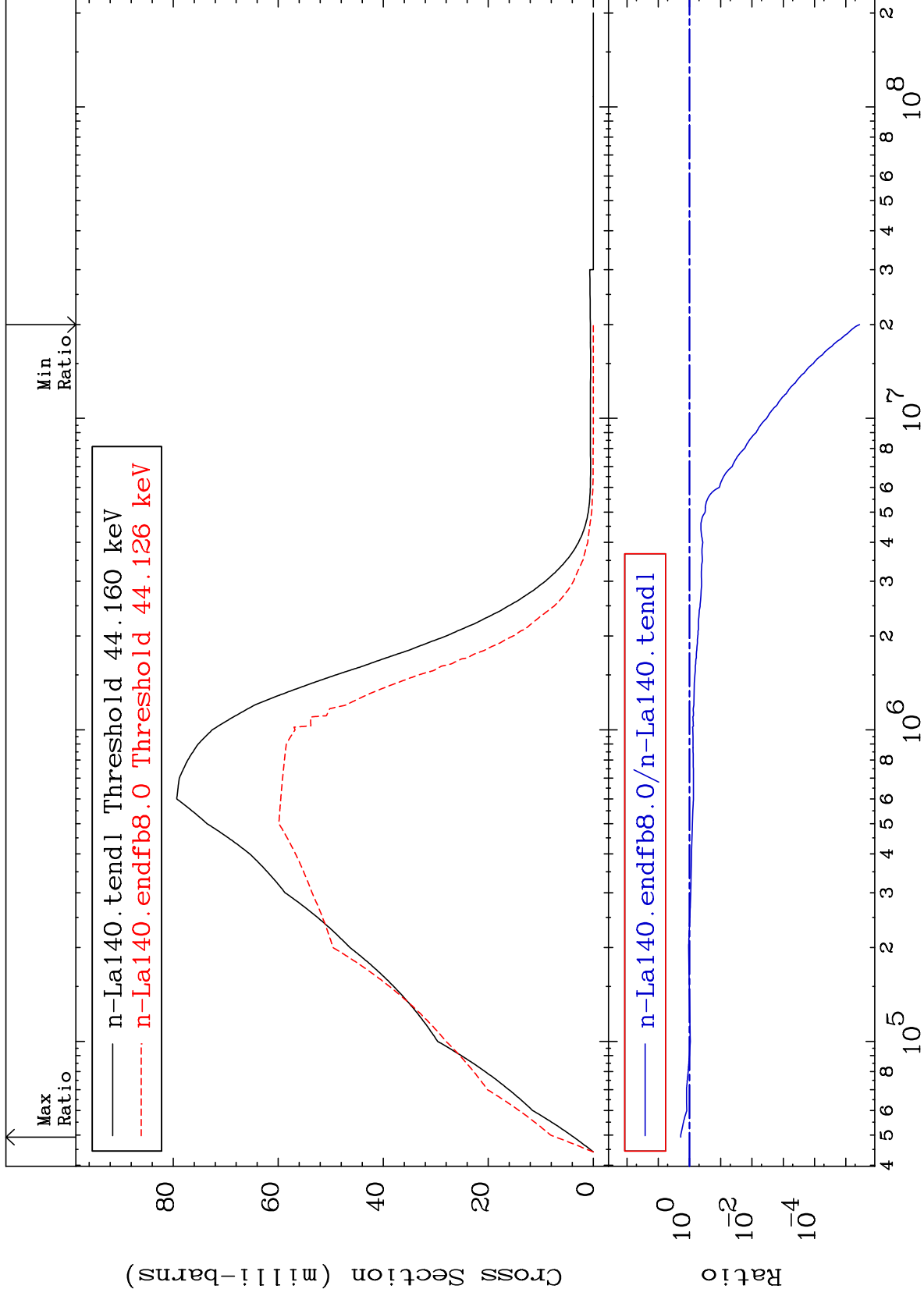
57-La-140  
-91.87 To 40.04 %



MAT 5731

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

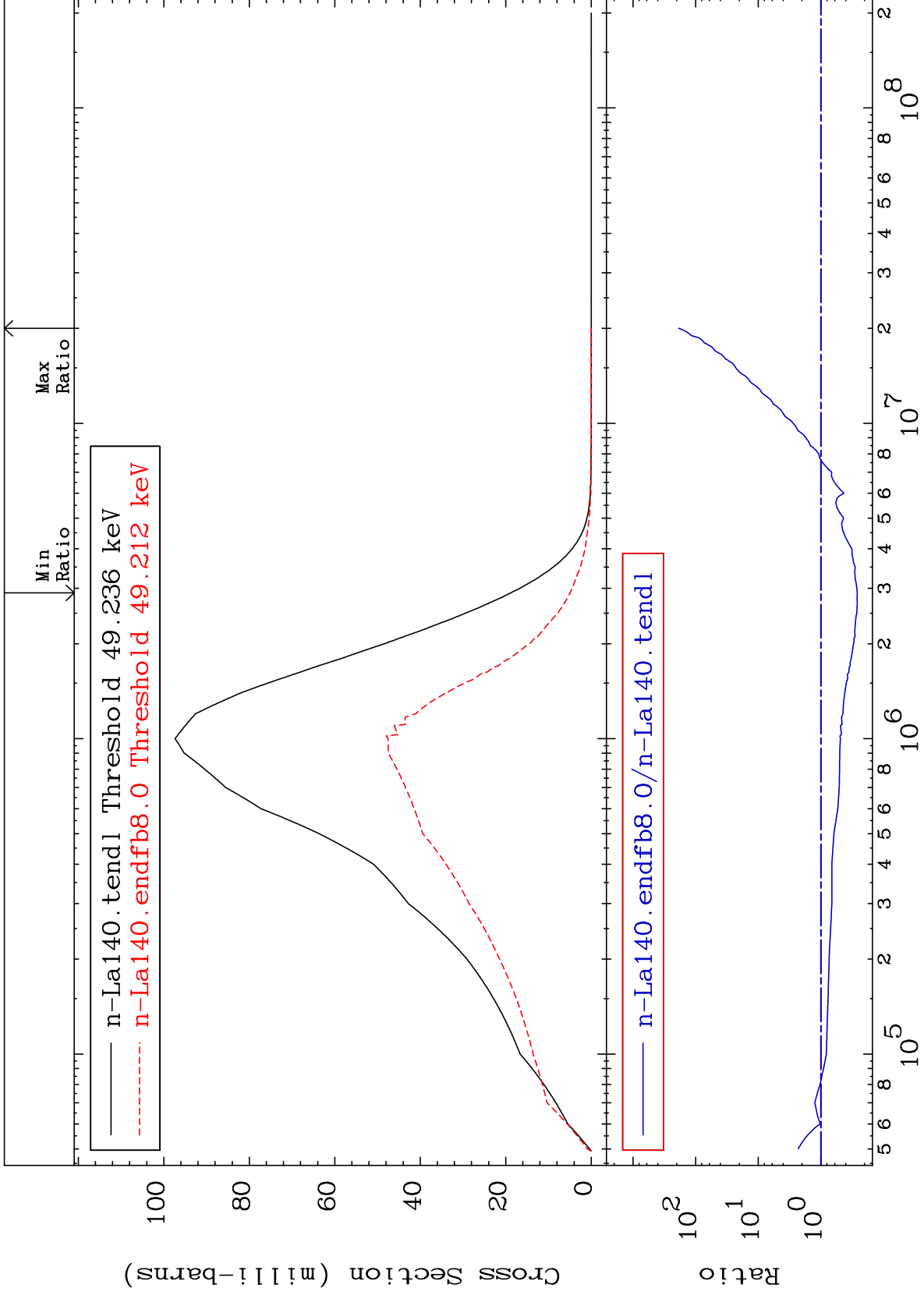
57-La-140  
-100.0 To 90.94 %



MAT 5731

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

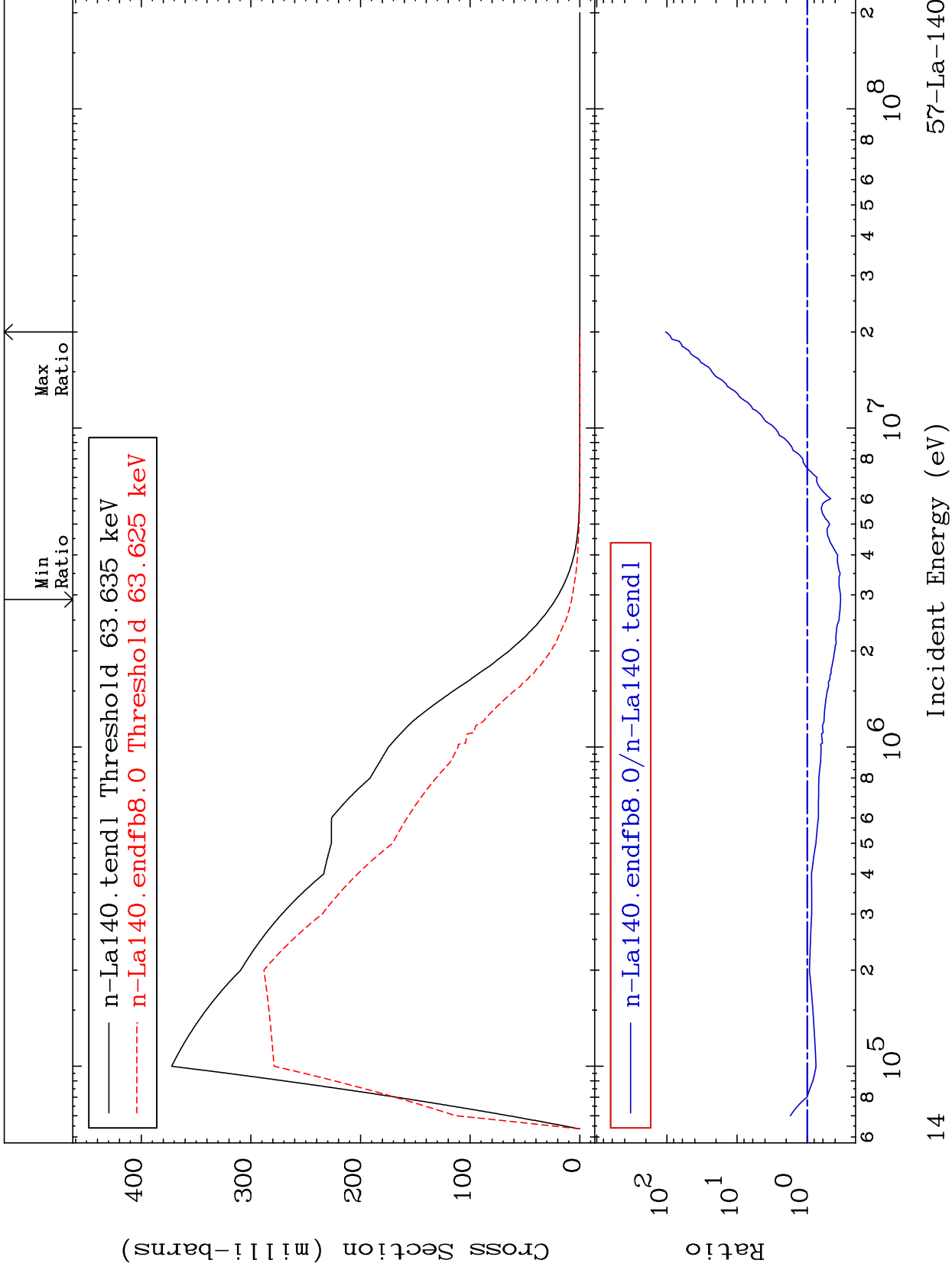
57-La-140  
-73.80 To 9999. %



MAT 5731

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

57-La-140  
-66.57 To 9999. %



14

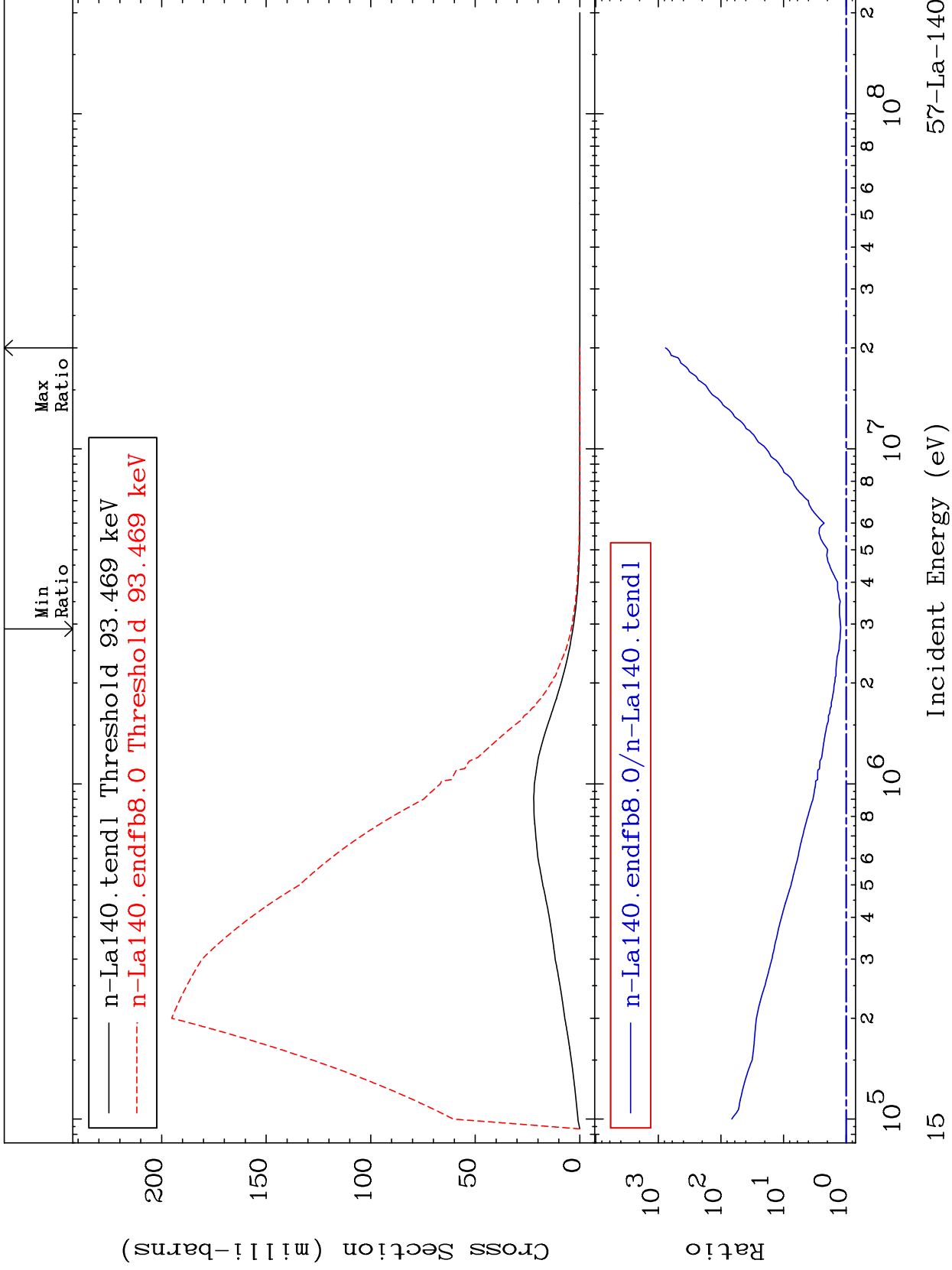
Incident Energy (eV)

57-La-140

MAT 5731

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

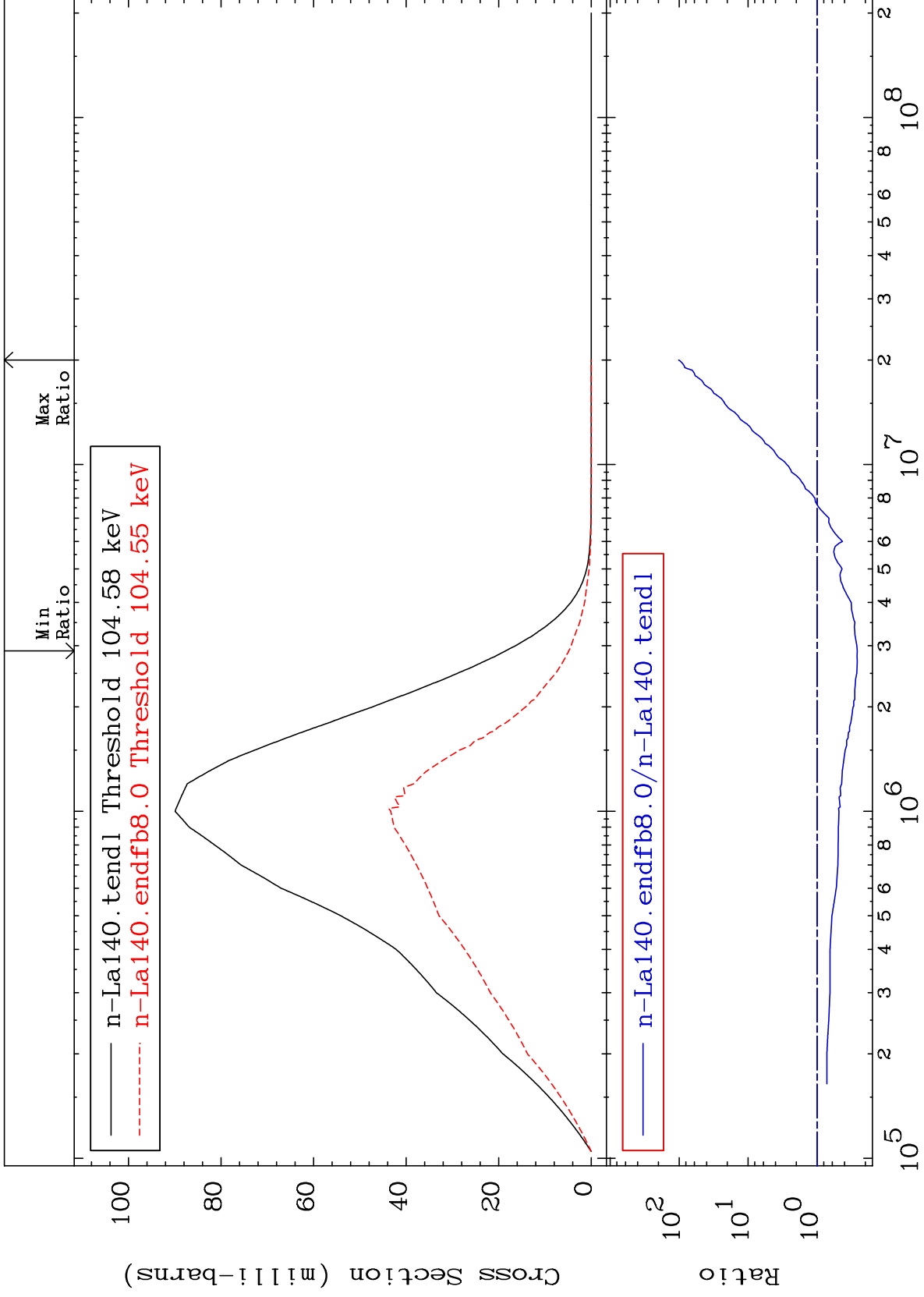
57-La-140  
22.56 To 9999. %



MAT 5731

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

57-La-140  
-73.87 To 9999. %



16

Incident Energy (eV)

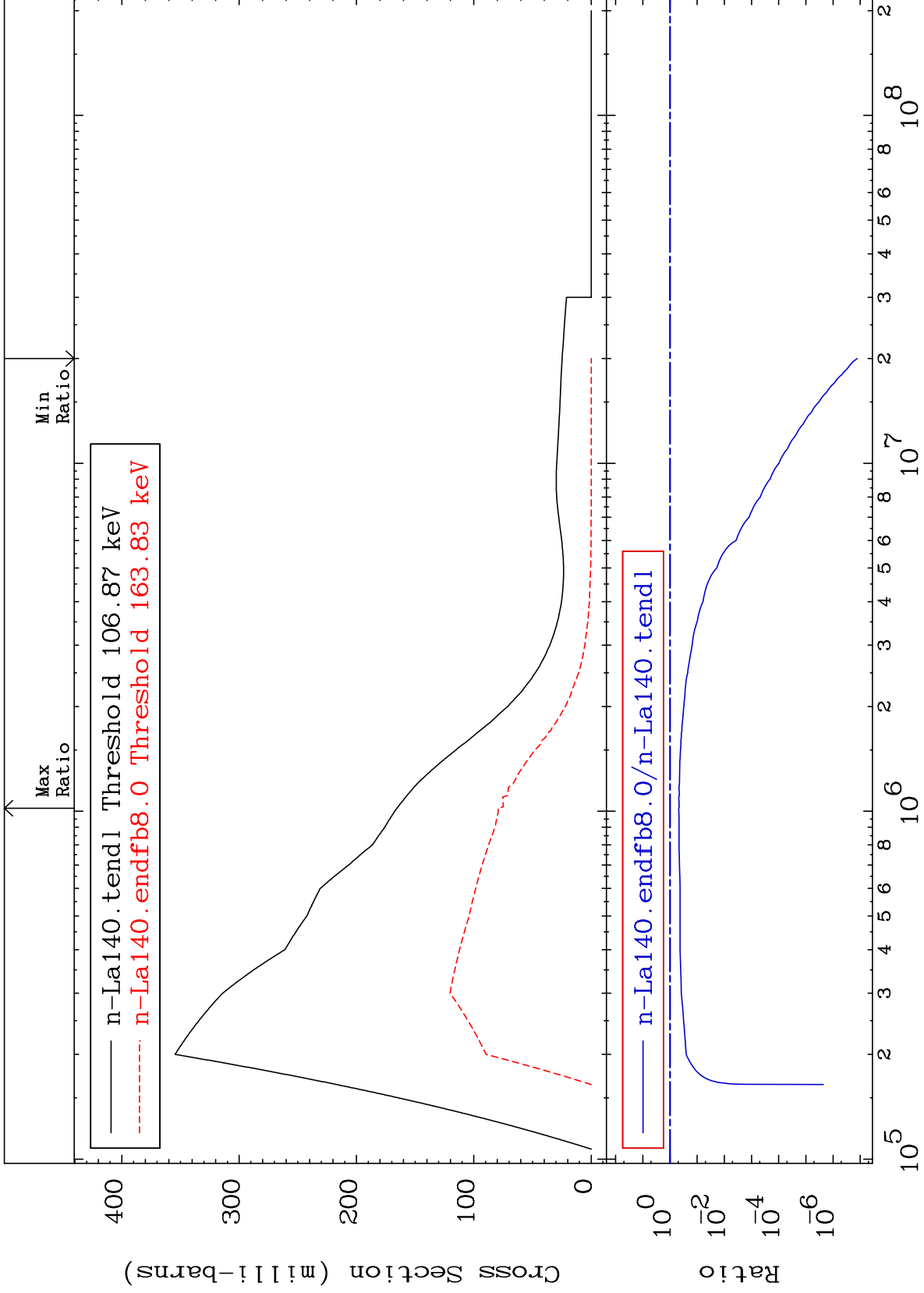
57-La-140



MAT 5731

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

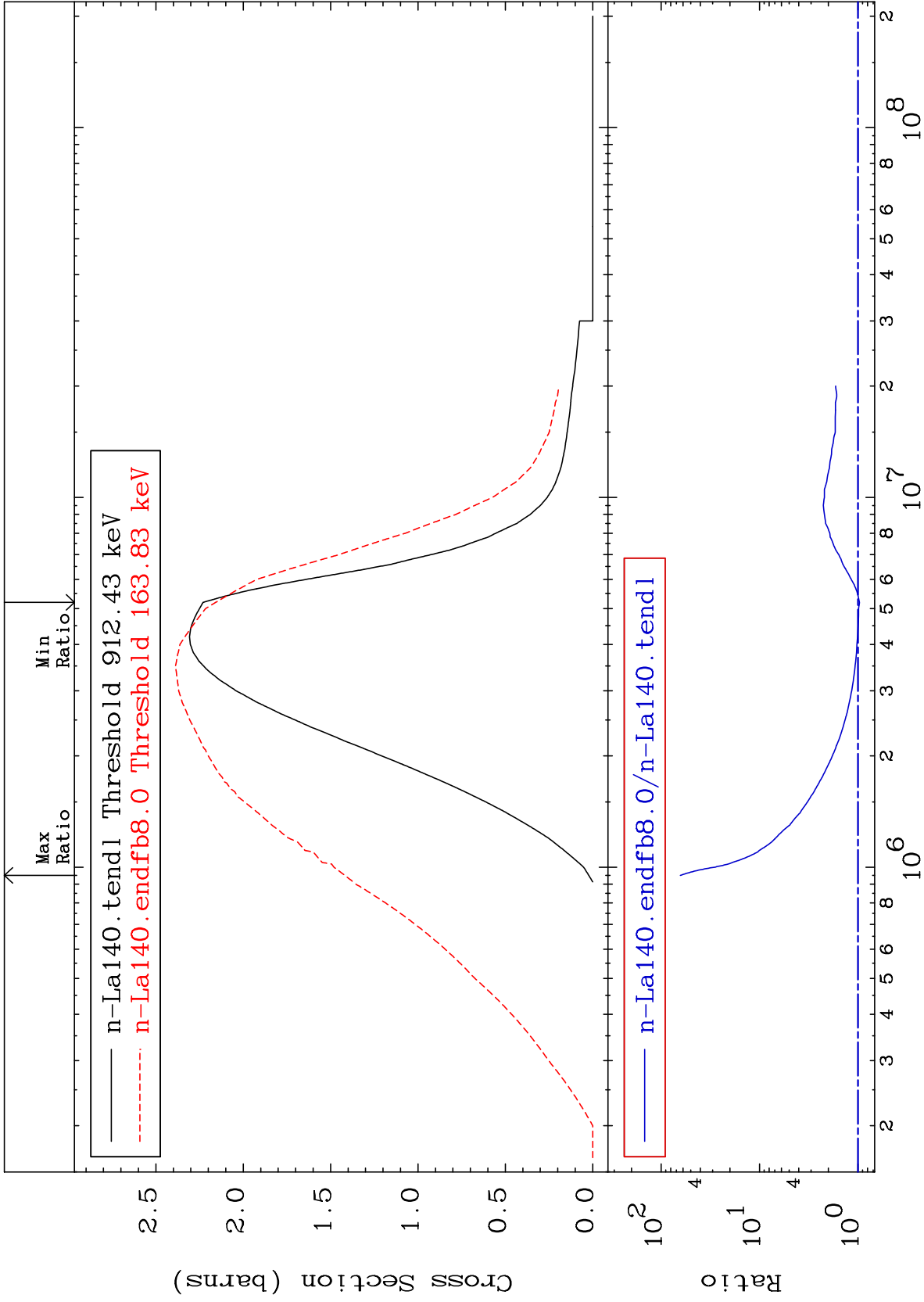
57-La-140  
-100.0 To -51.99%

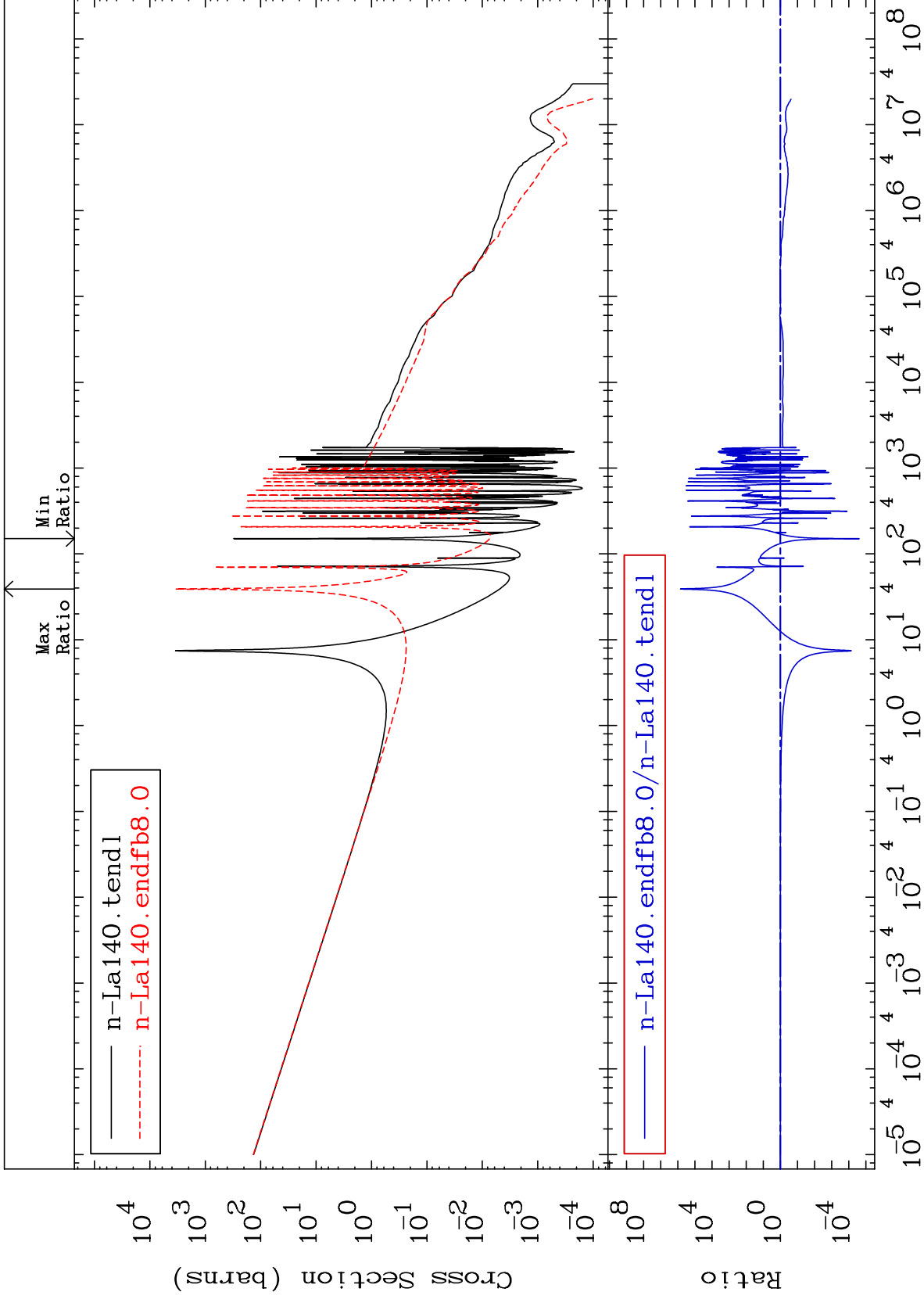


17

Incident Energy (eV)

57-La-140





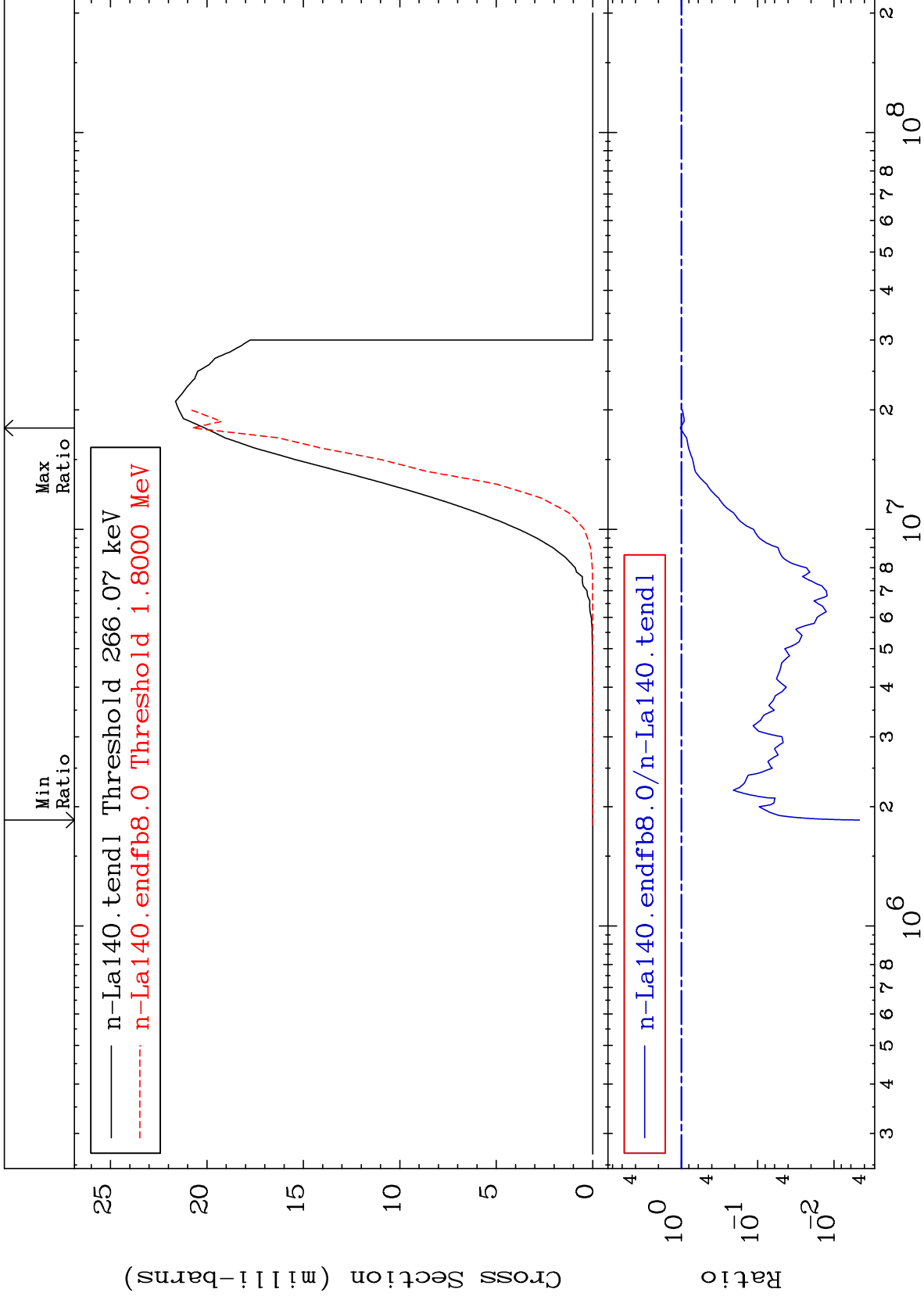
MAT 5731

(n, p)

57-La-140

Cross Section

-99.54 To 3.225 %



20

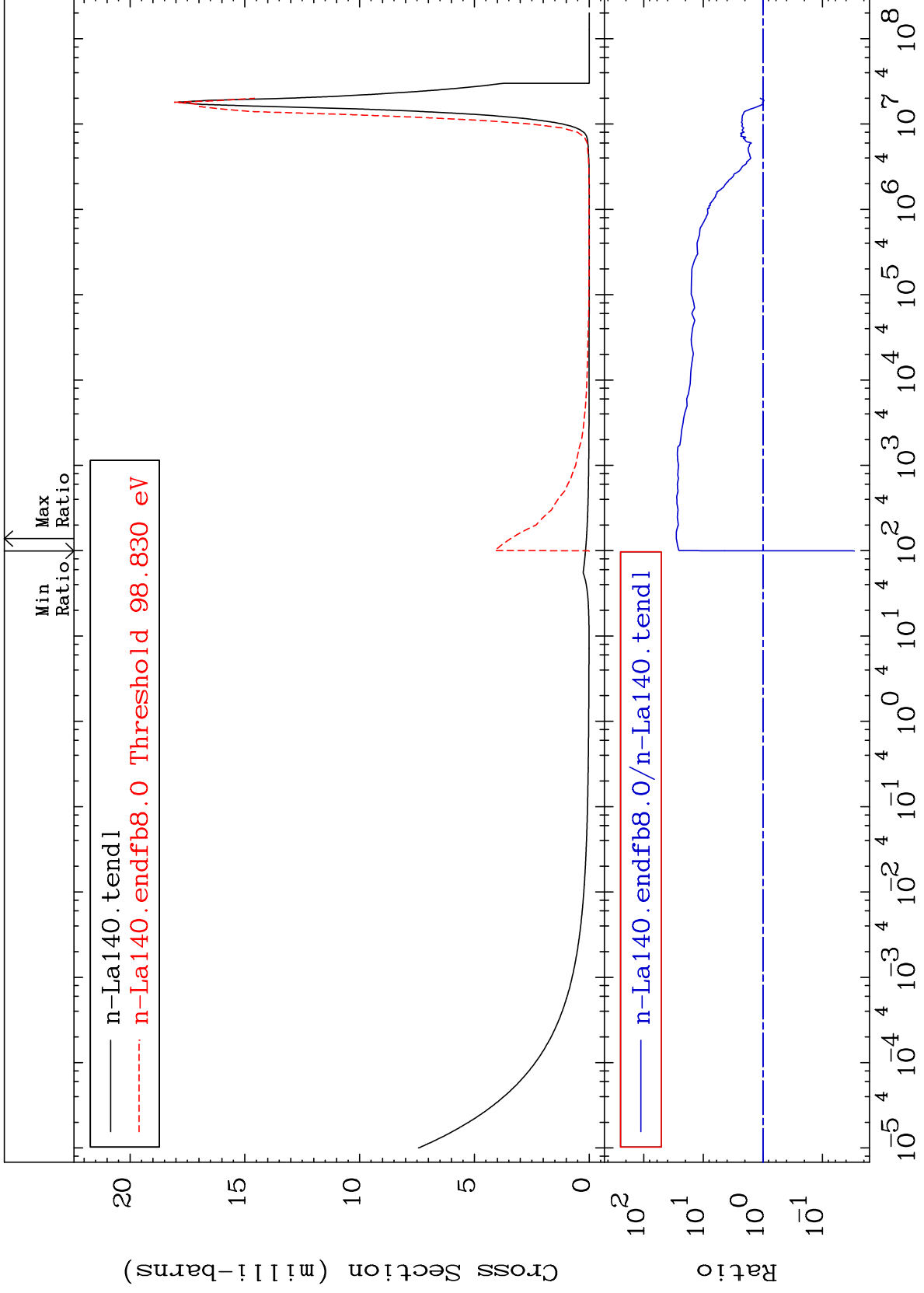
Incident Energy (eV)

57-La-140

MAT 5731

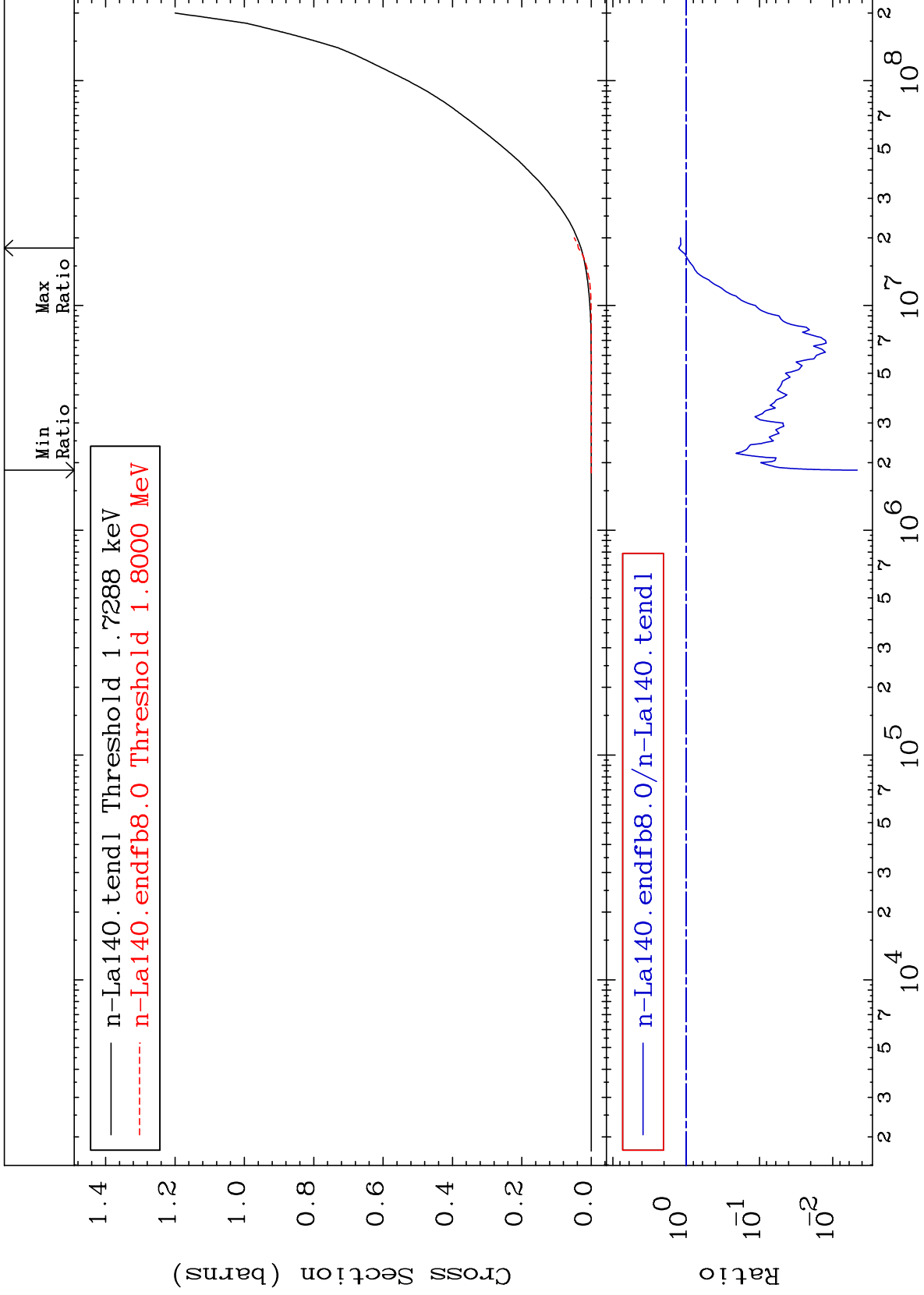
(n,  $\alpha$ )  
Cross Section

57-La-140  
-97.10 To 2741. %



21

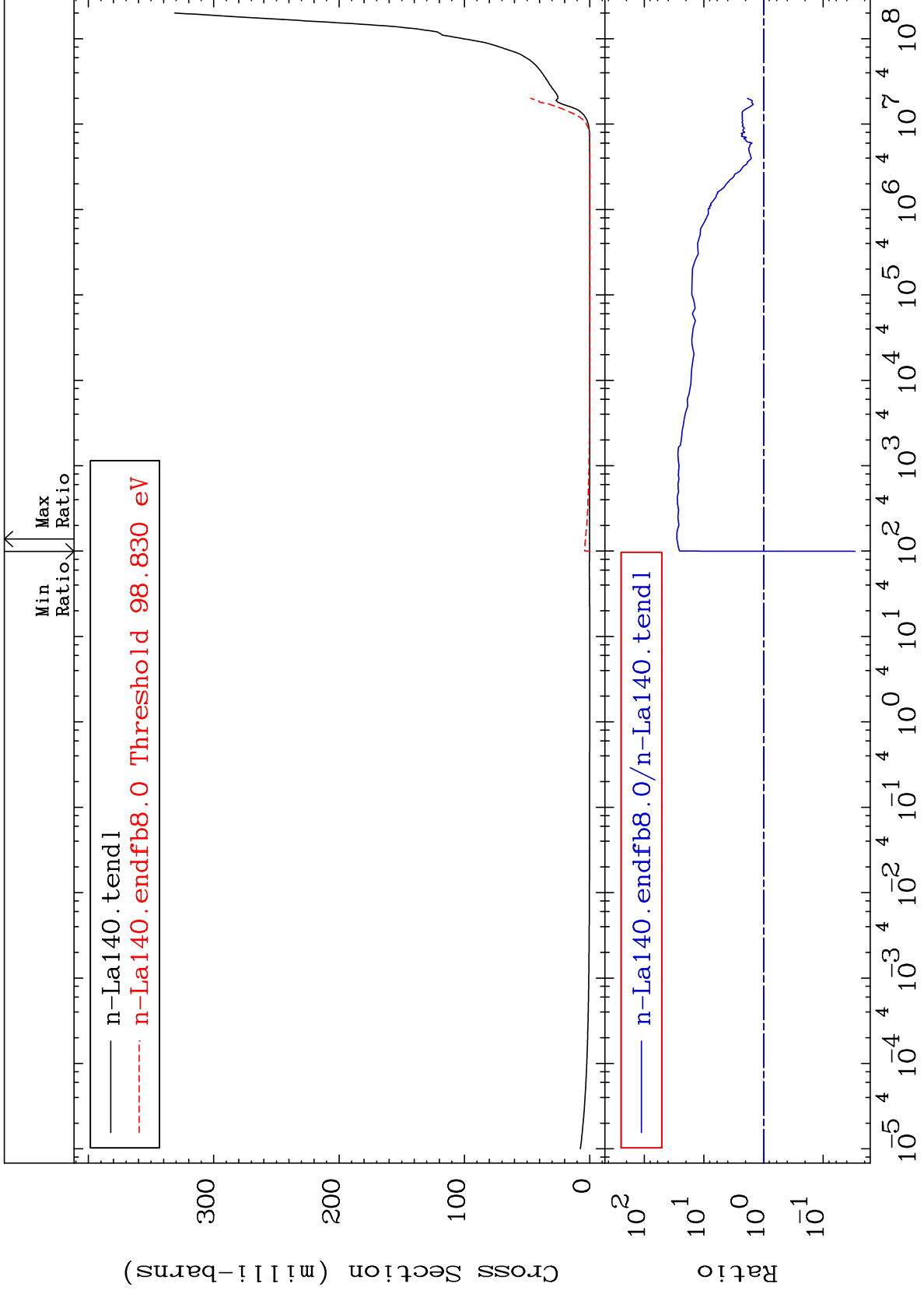
57-La-140

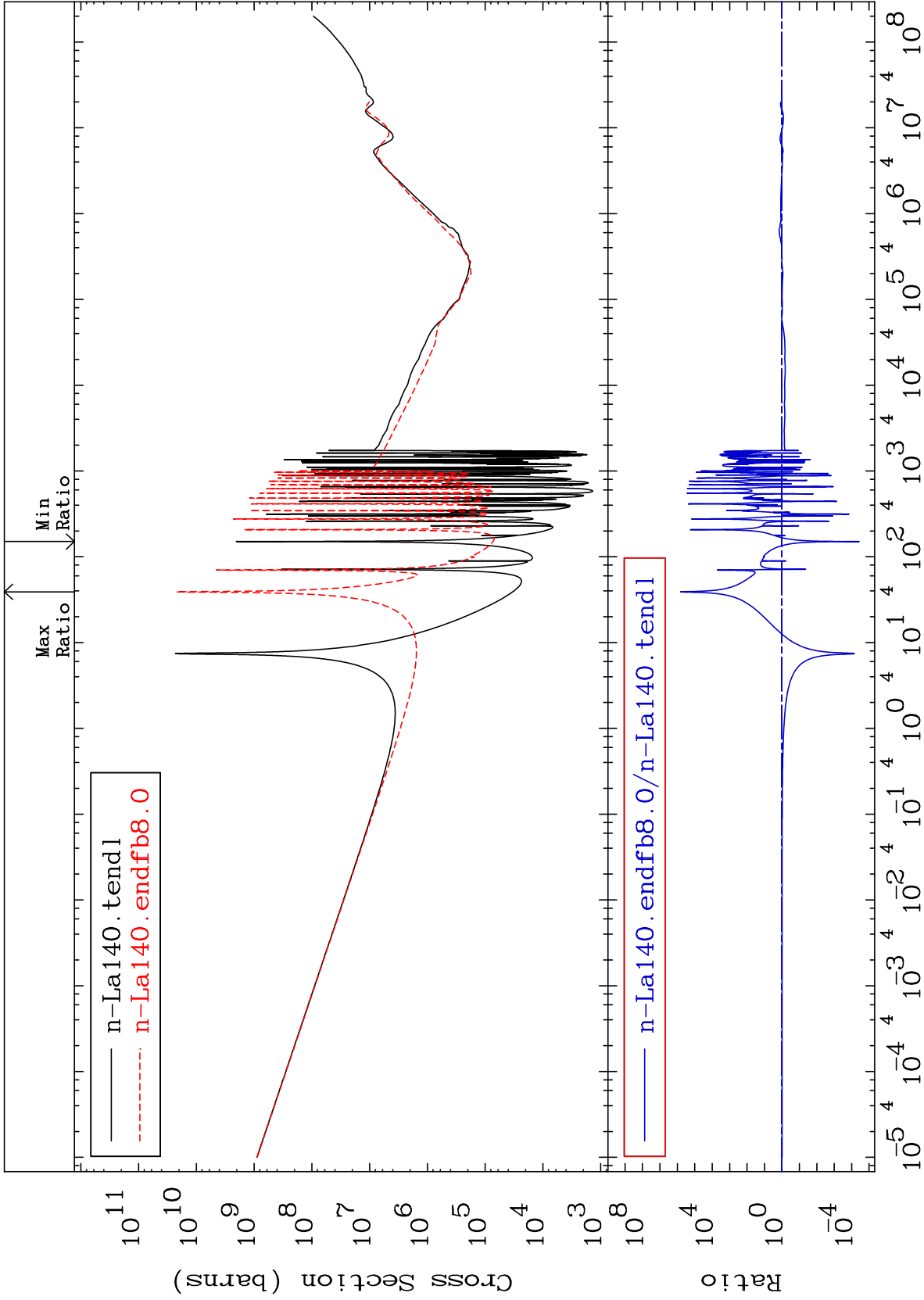


MAT 5731

He-4 Production  
Cross Section

57-La-140  
-97.10 To 2741. %



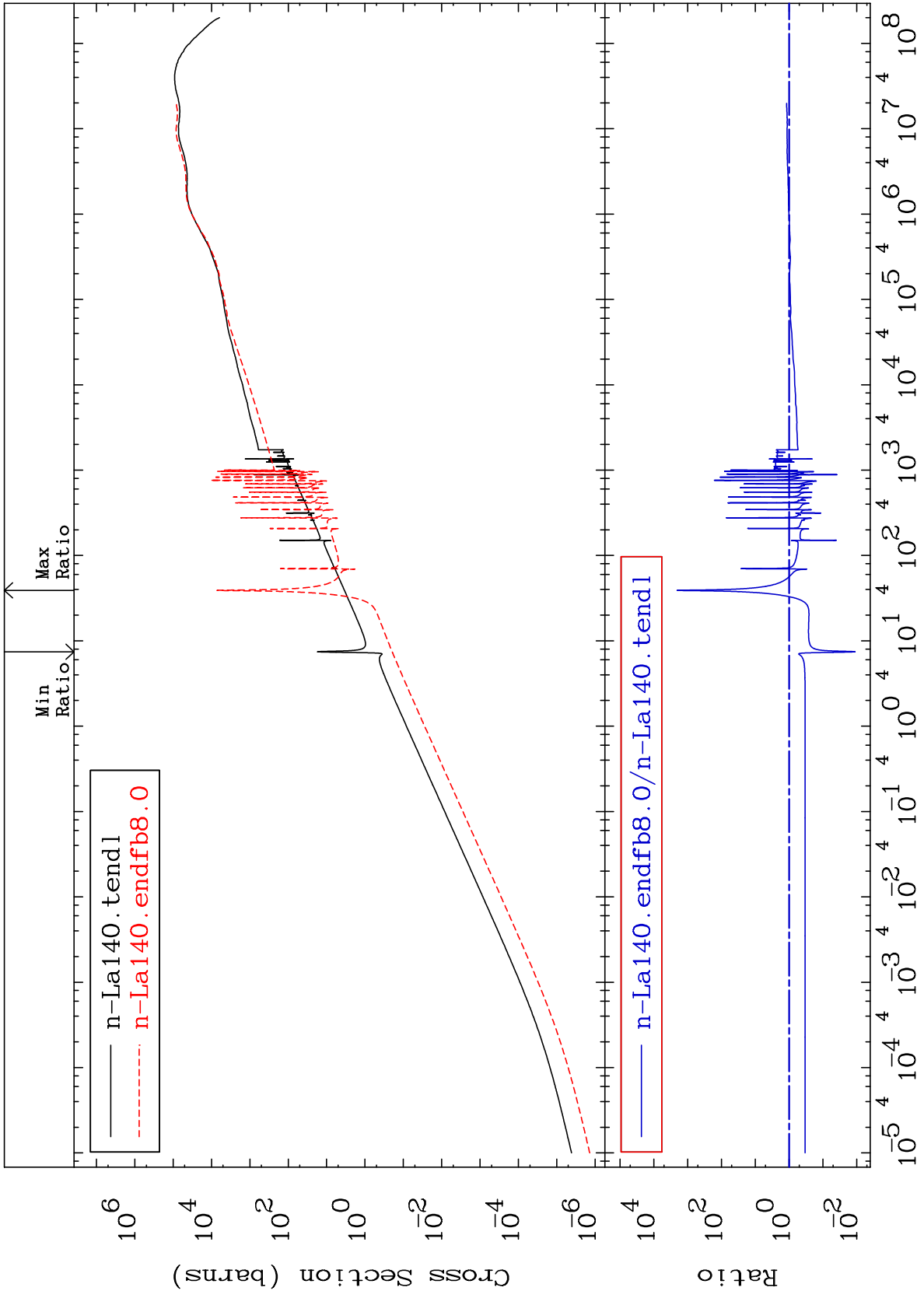


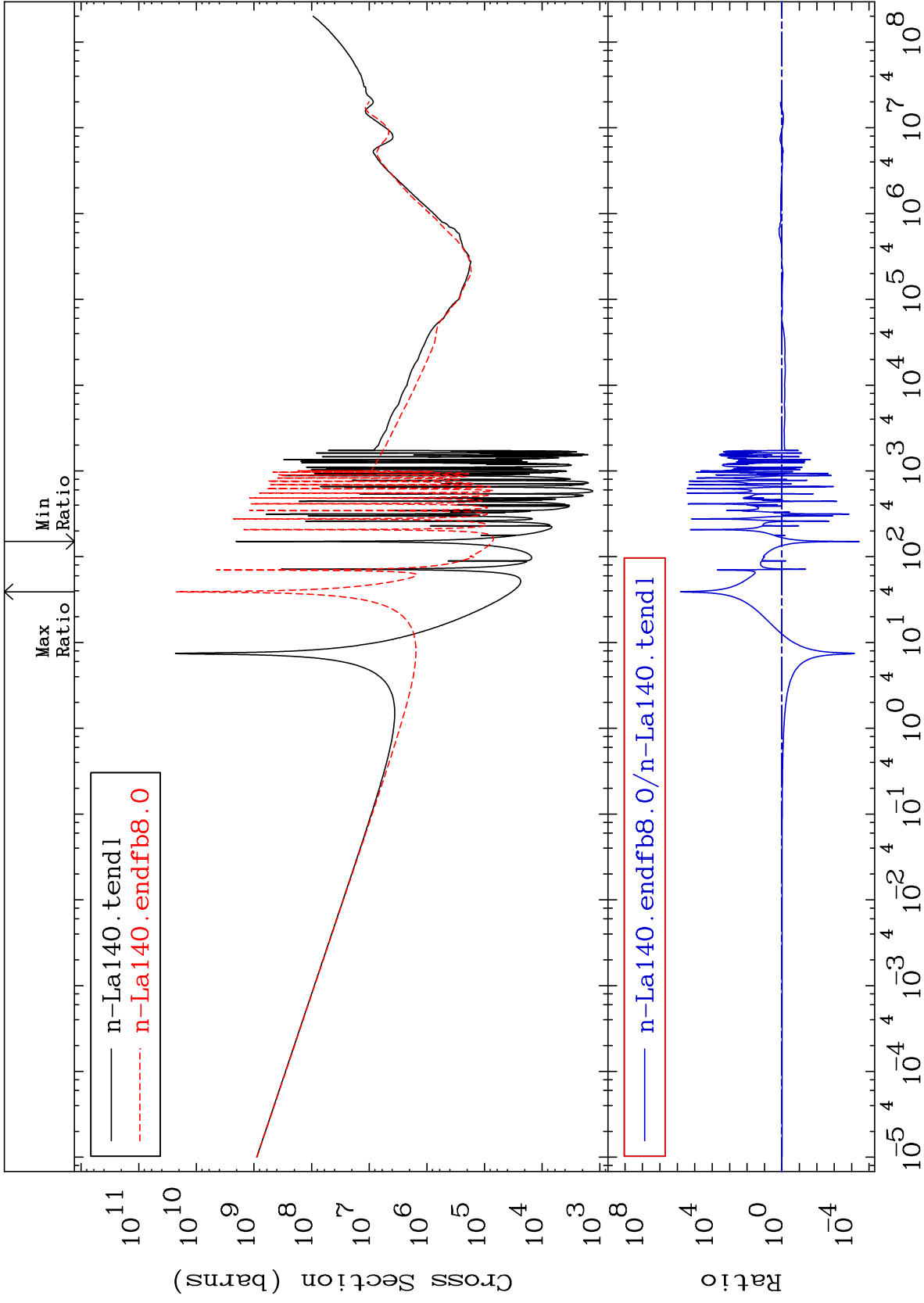


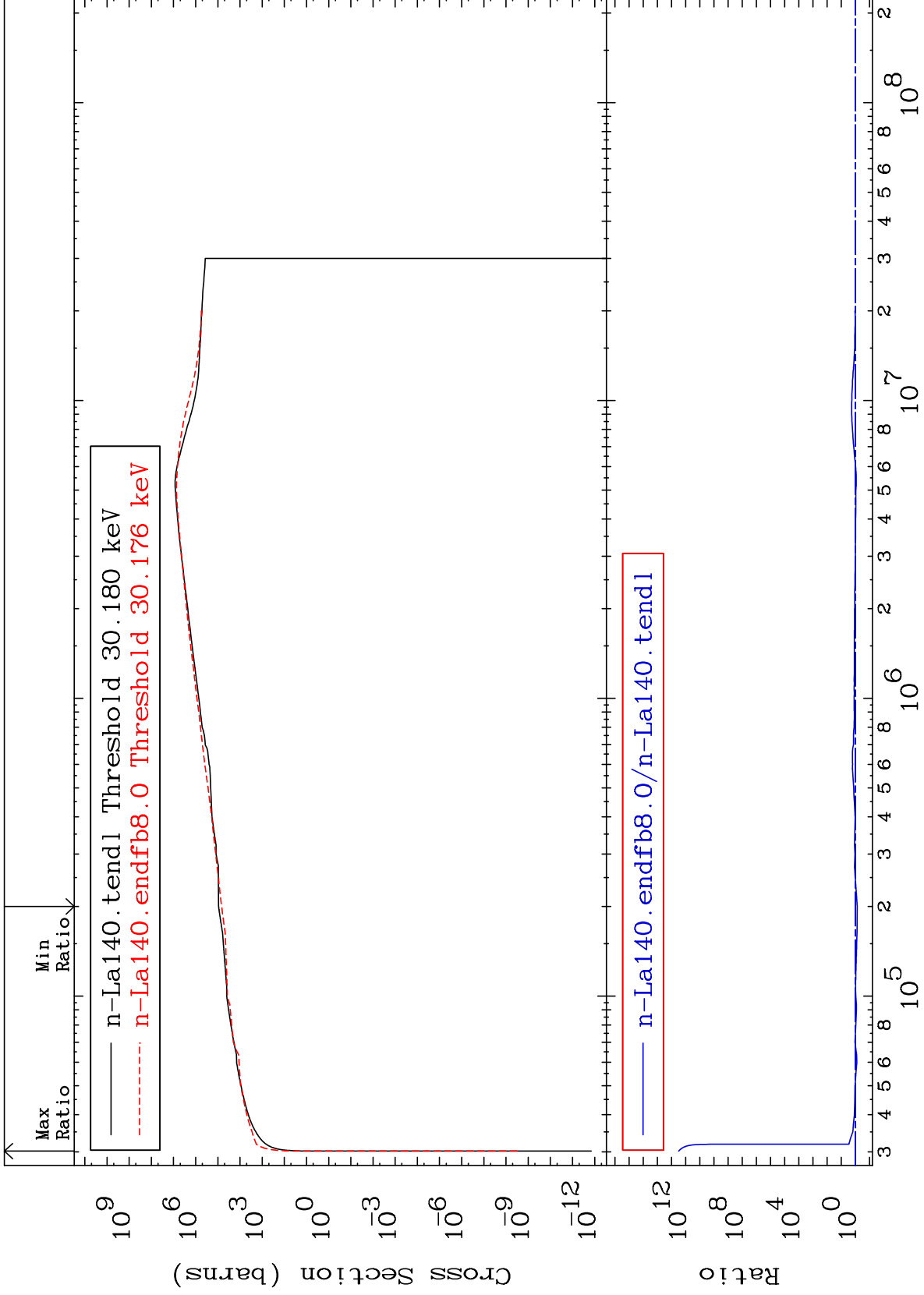
MAT 5731

Kerma elastic  
Cross Section

57-La-140  
-98.88 To 9999. %



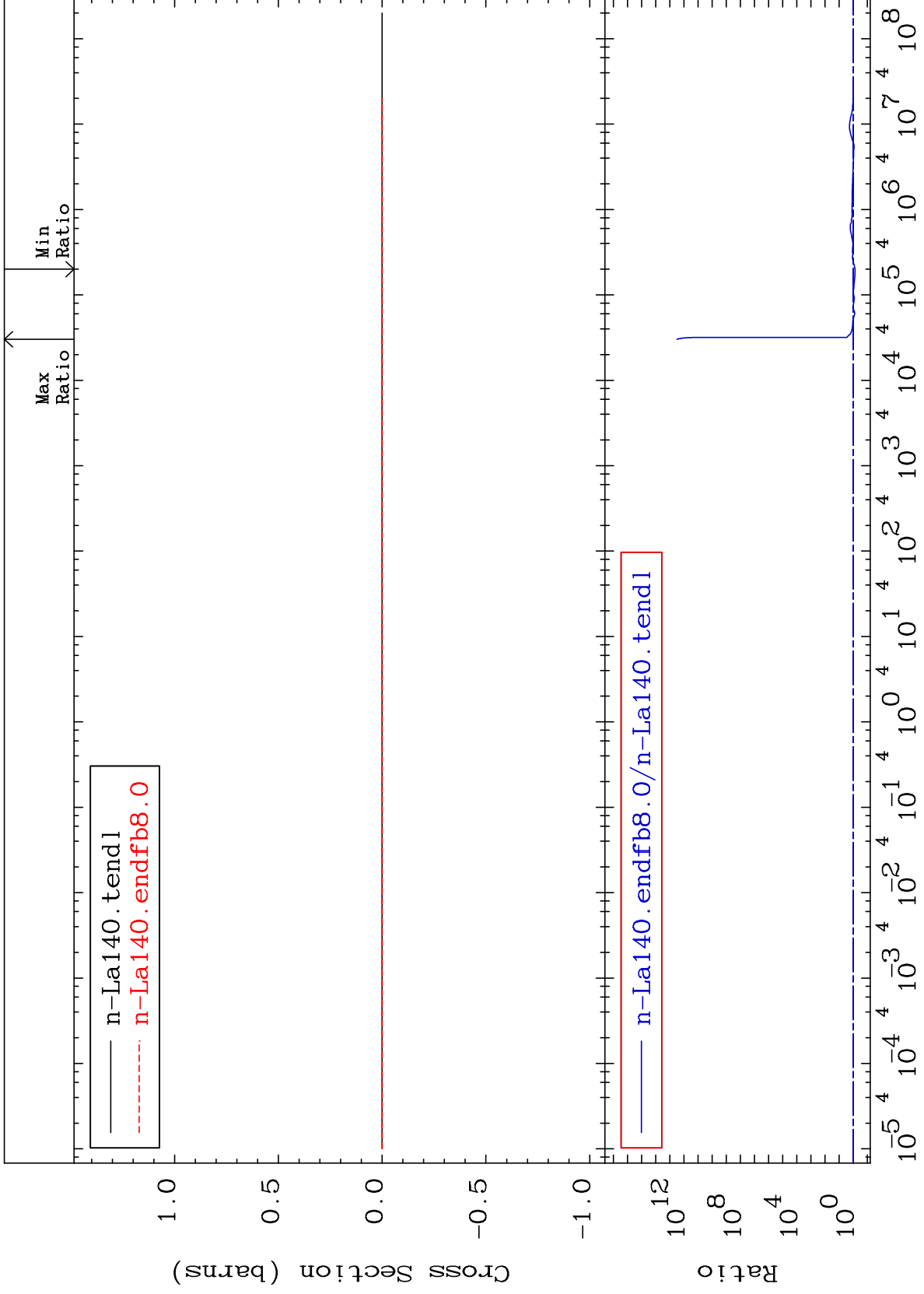




MAT 5731

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

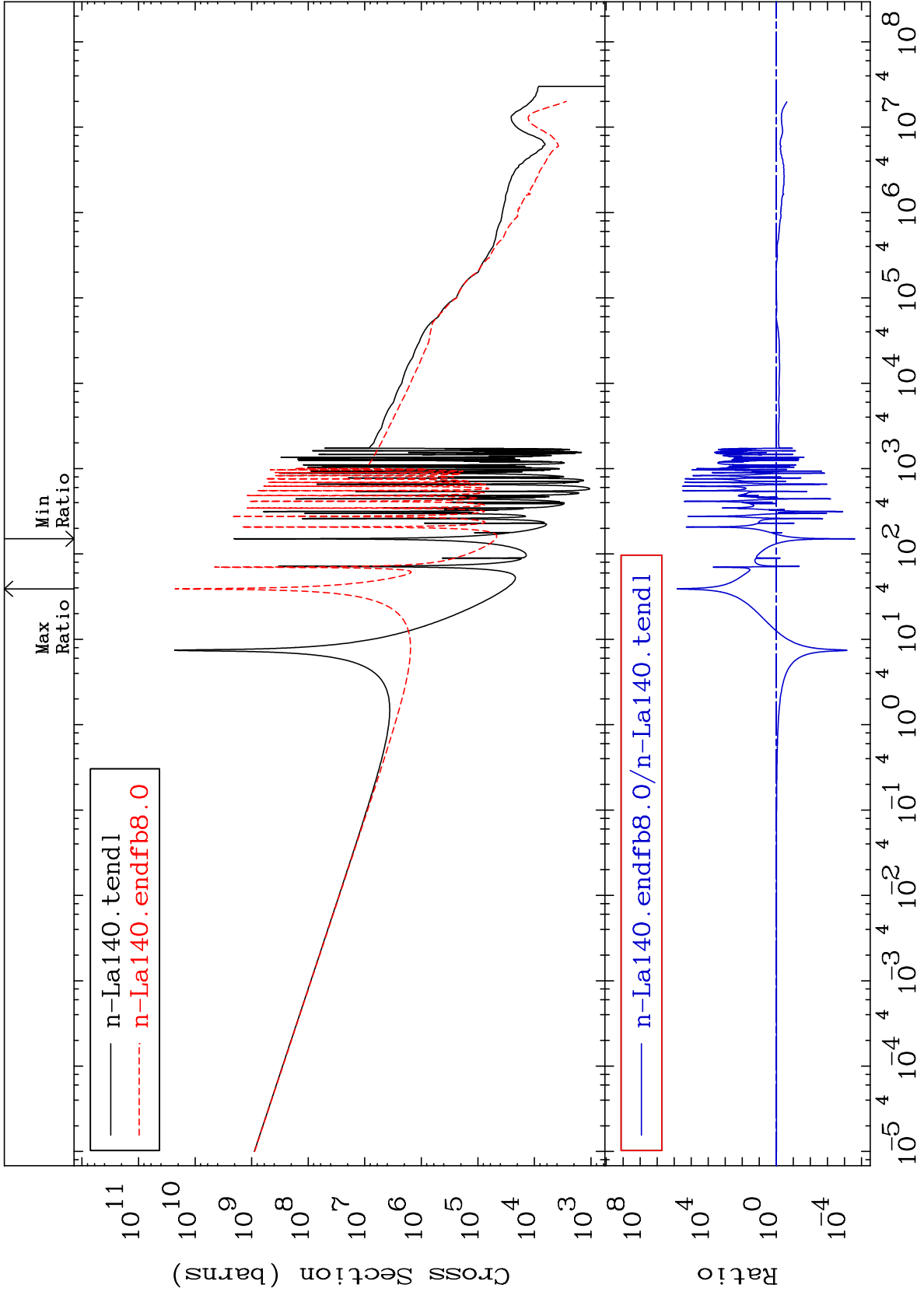
57-La-140  
-27.16 To 9999. %



MAT 5731

Kerma capture (mt102)  
Cross Section

57-La-140  
-100.0 To 9999. %



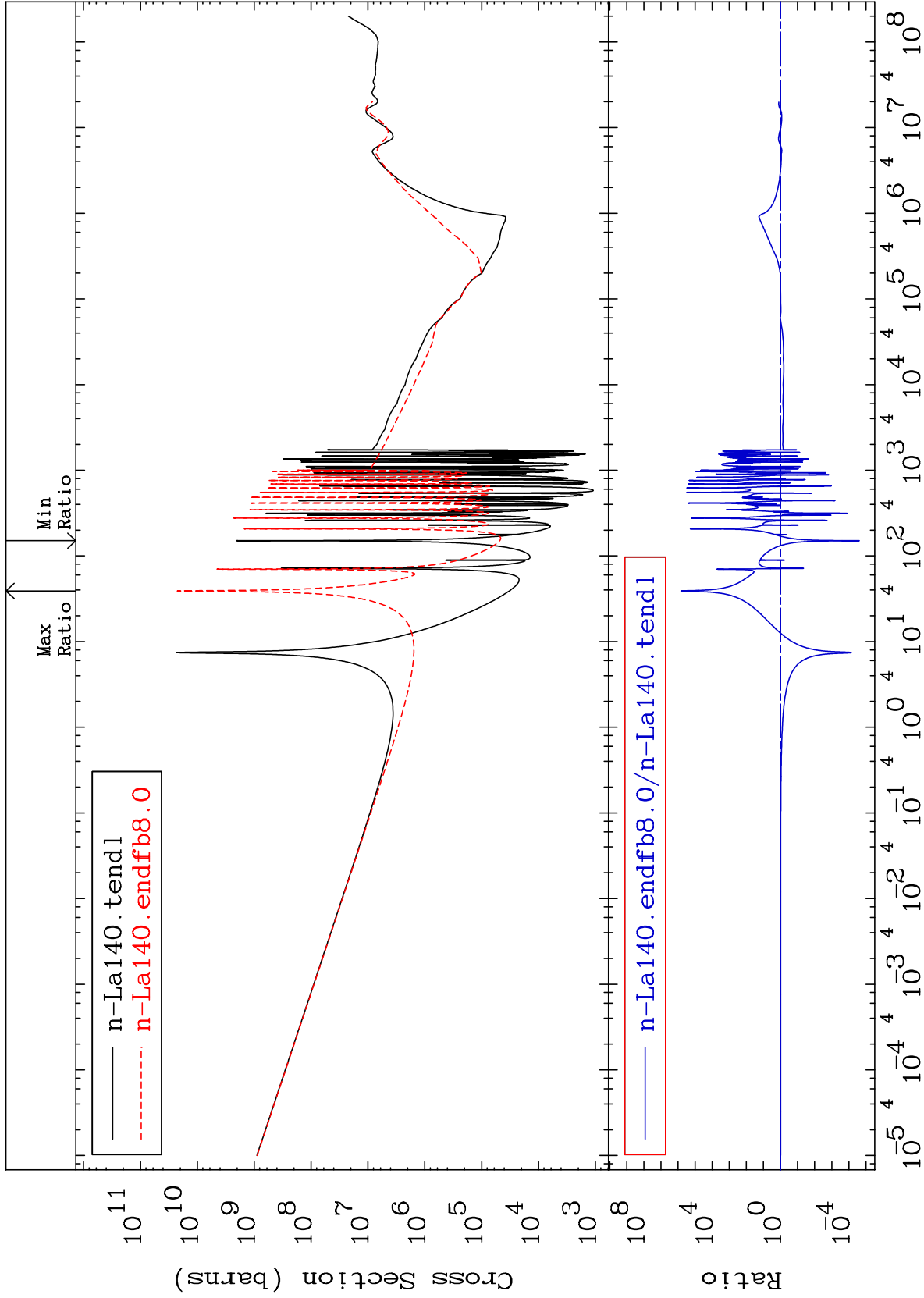
MAT 5731

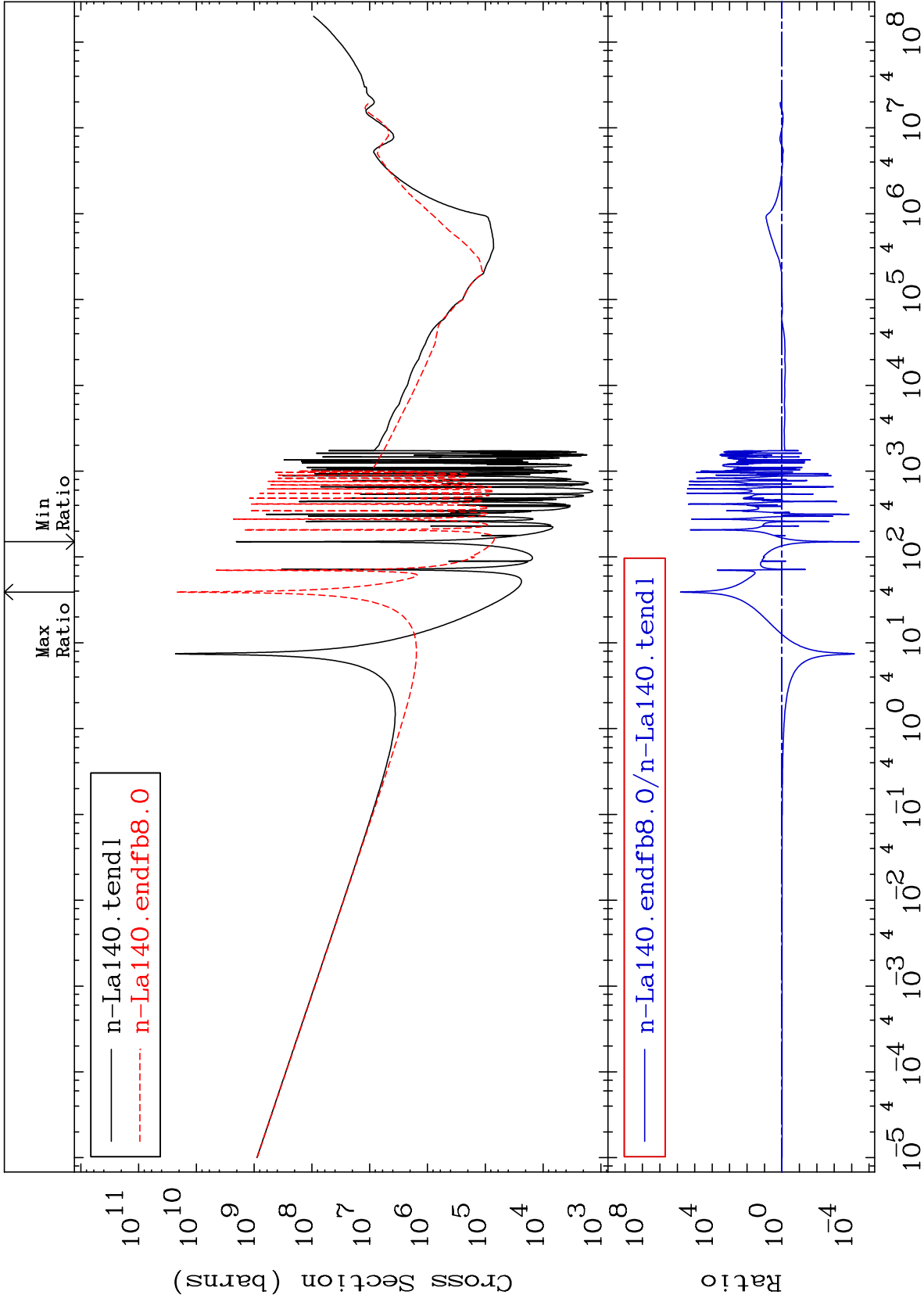
Total photon (eV-barns)

57-La-140

-100.0 To 9999. %

Cross Section





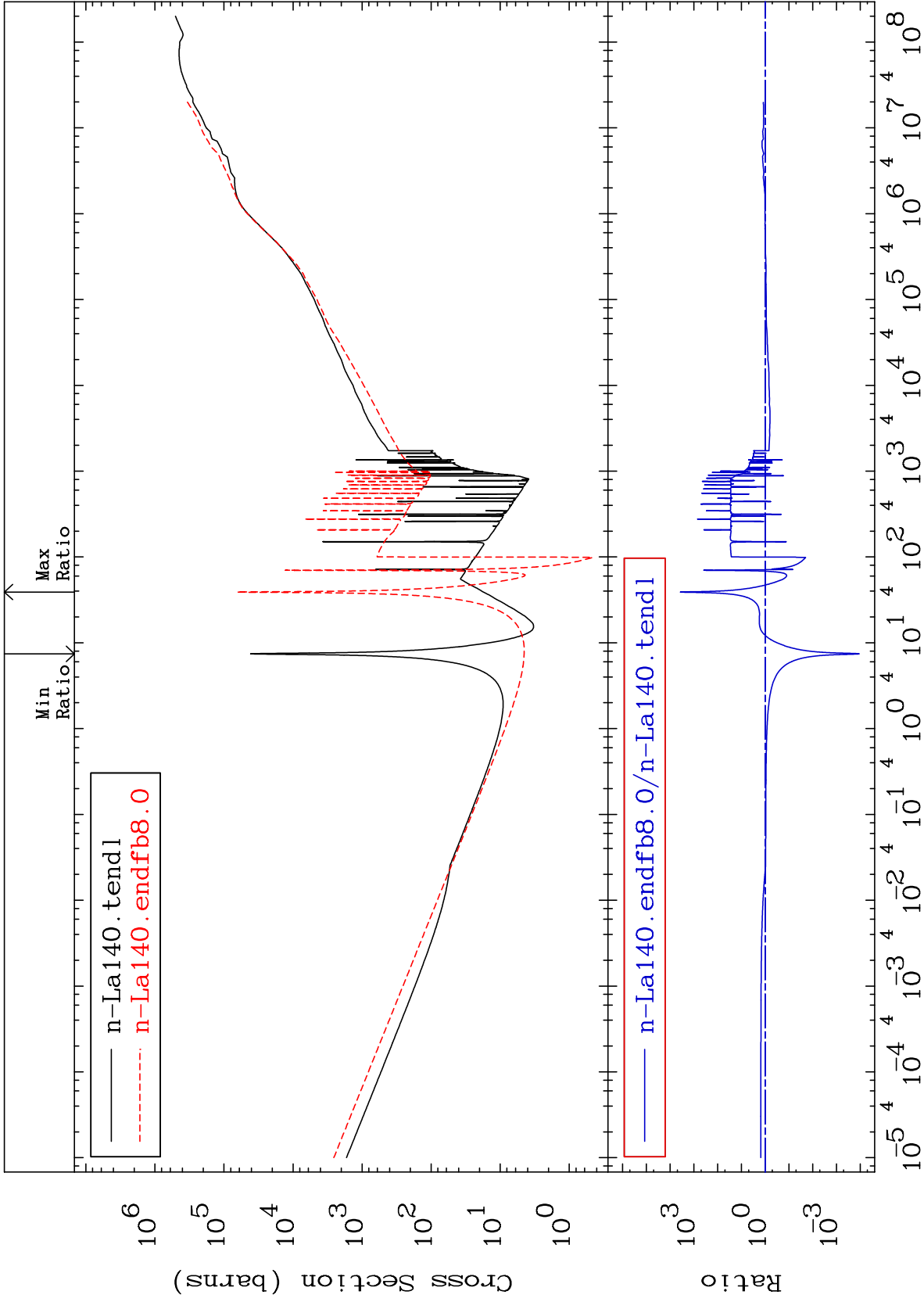
MAT 5731

Dpa total (eV-barns)

57-La-140

-99.99 To 9999. %

Cross Section

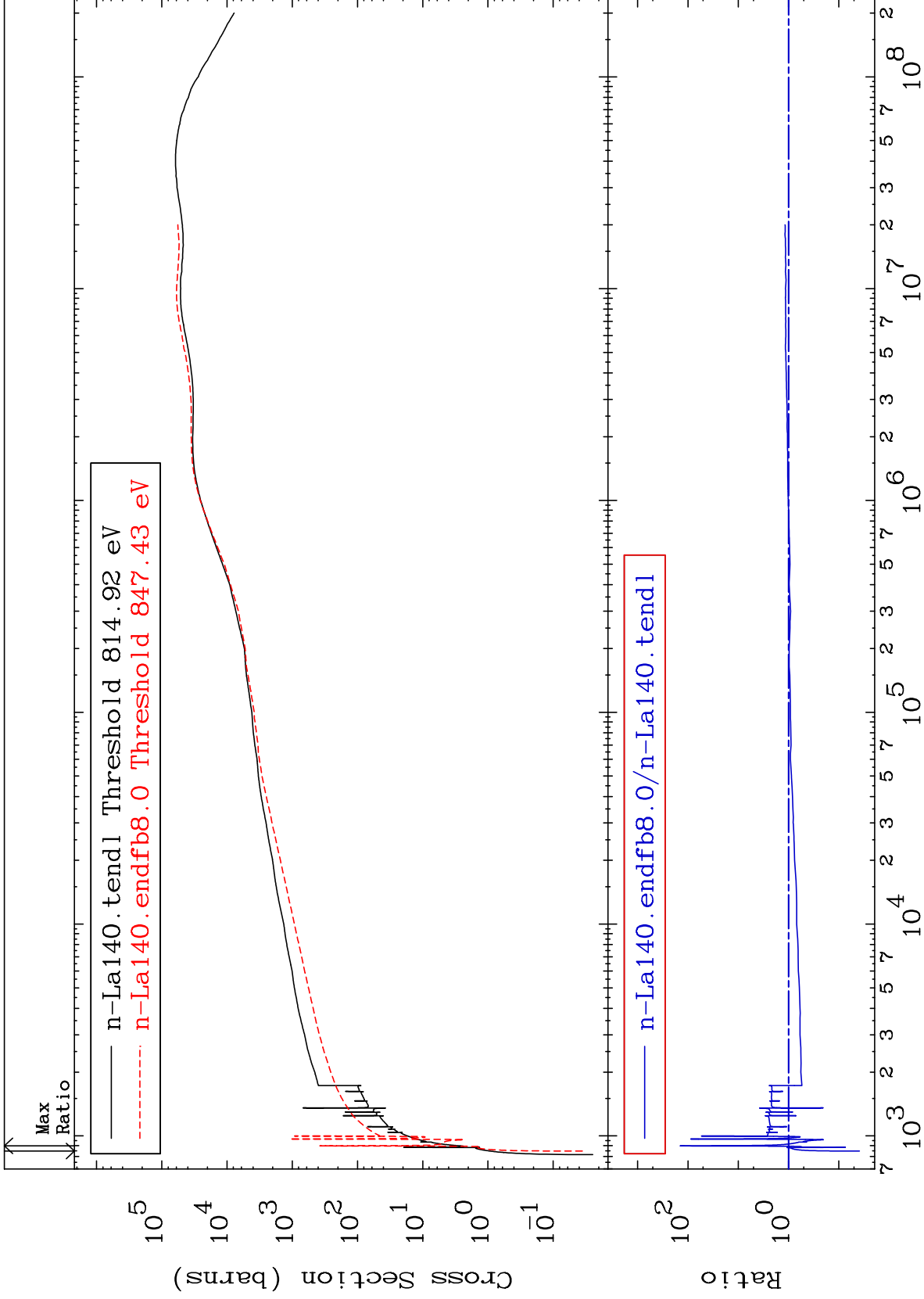




MAT 5731

Dpa elastic (mt2)  
Cross Section

57-La-140  
-96.09 To 9999. %



33

Incident Energy (eV)

57-La-140

