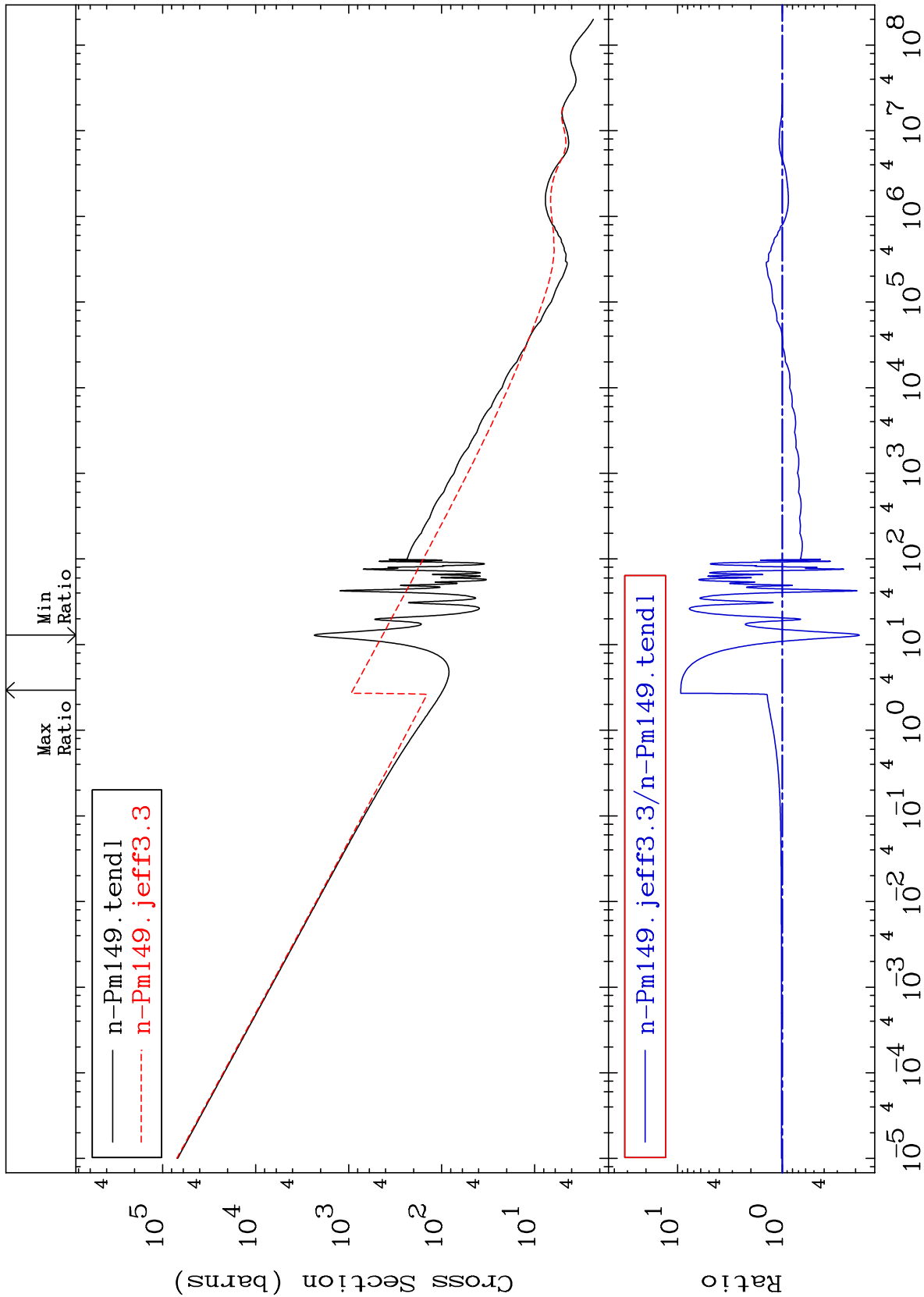


MAT 6155

Total

Cross Section

61-Pm-149  
-81.63 To 830.9 %

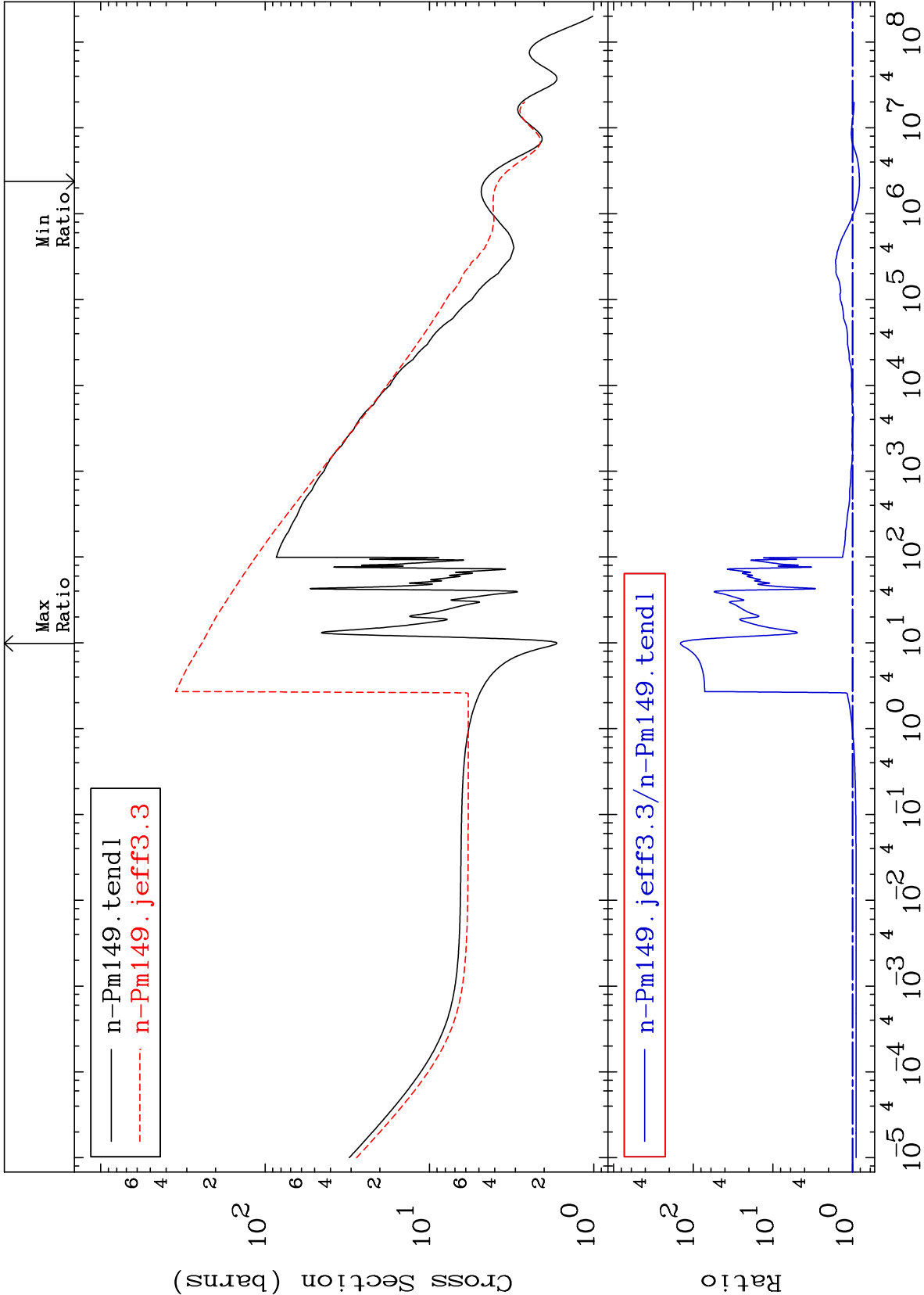


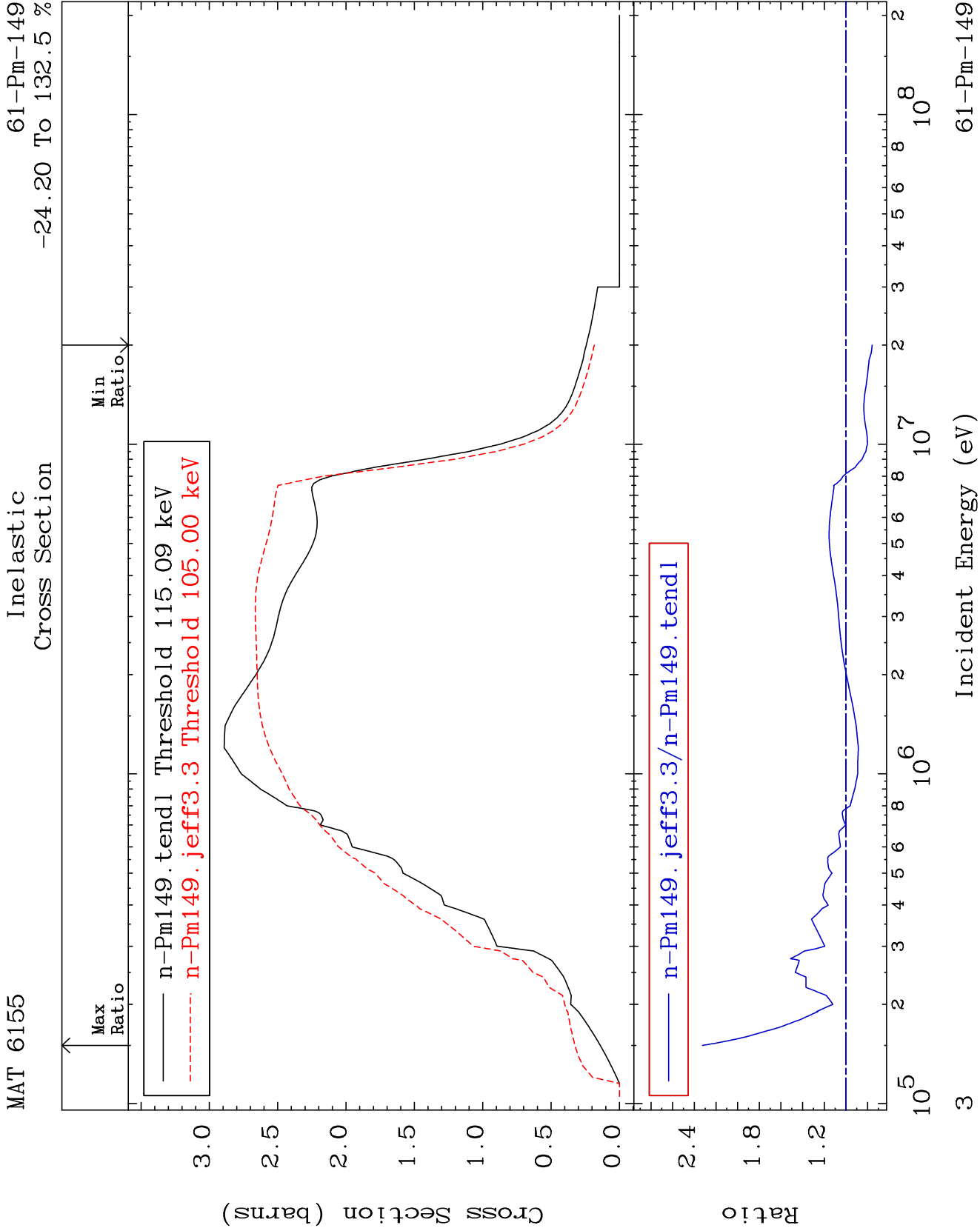
Incident Energy (eV)

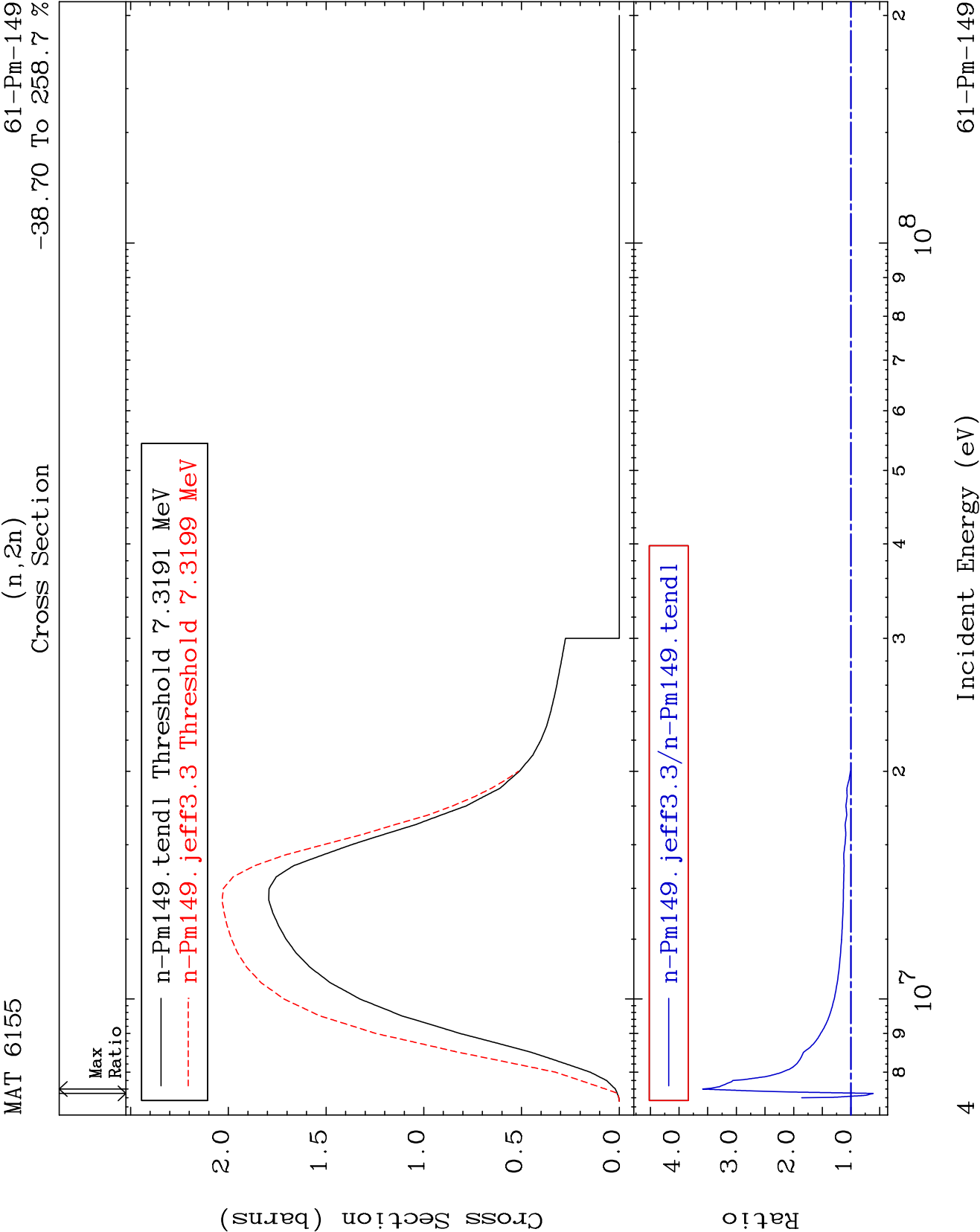
61-Pm-149

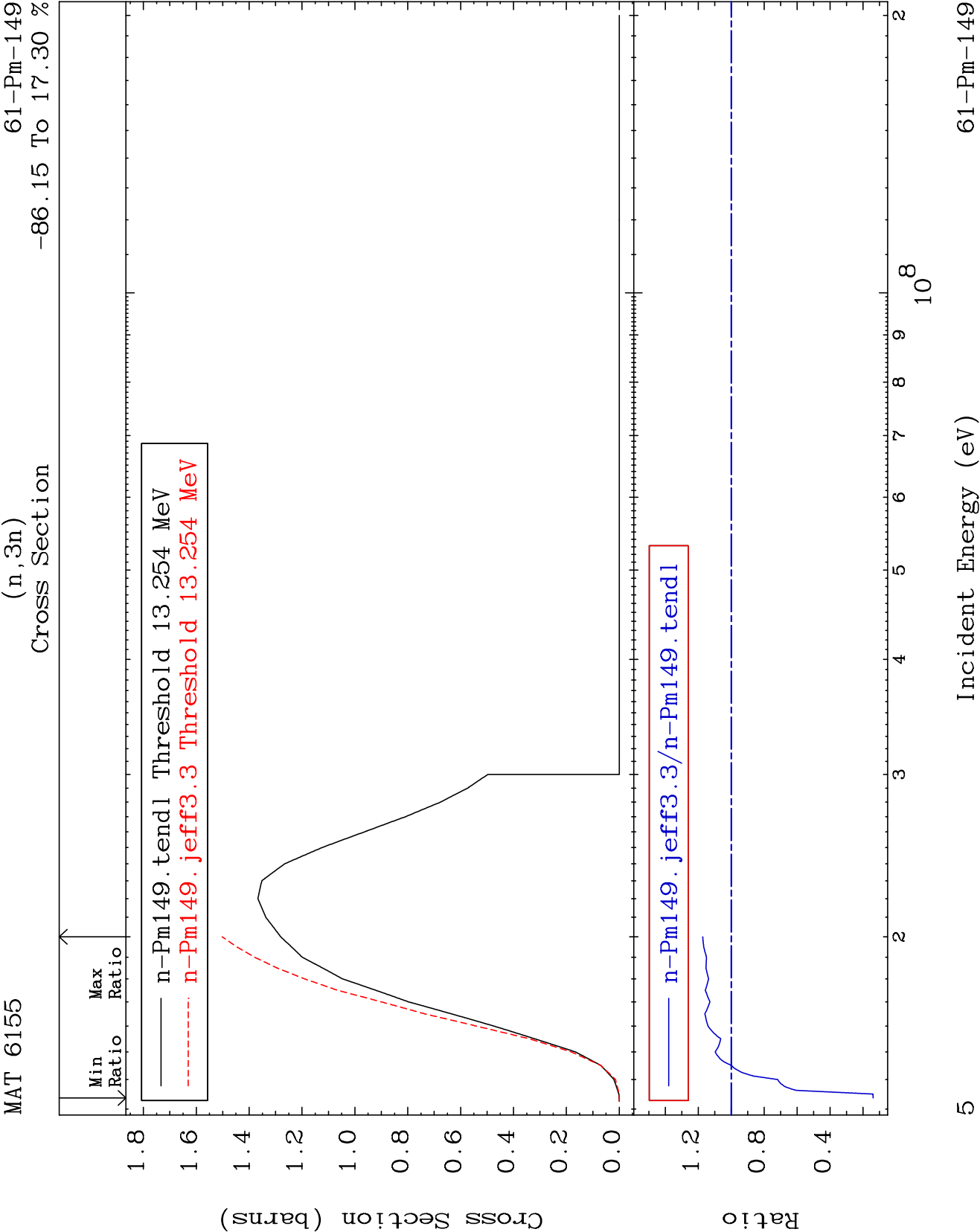
Elastic  
Cross Section

-17.89 To 9999. %









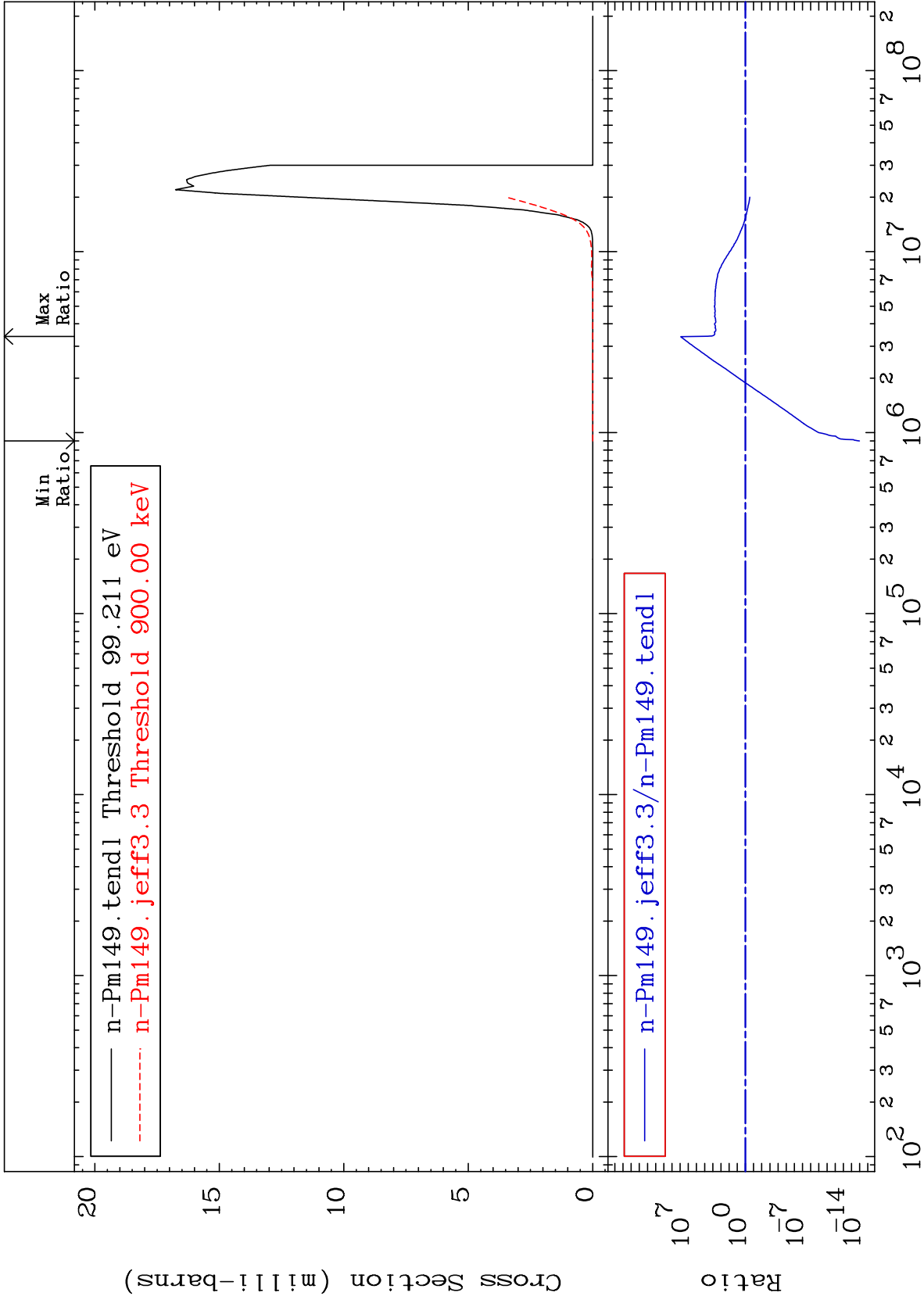
MAT 6155

(n,n')  $\alpha$

61-Pm-149

Cross Section

-100.0 To 9999. %



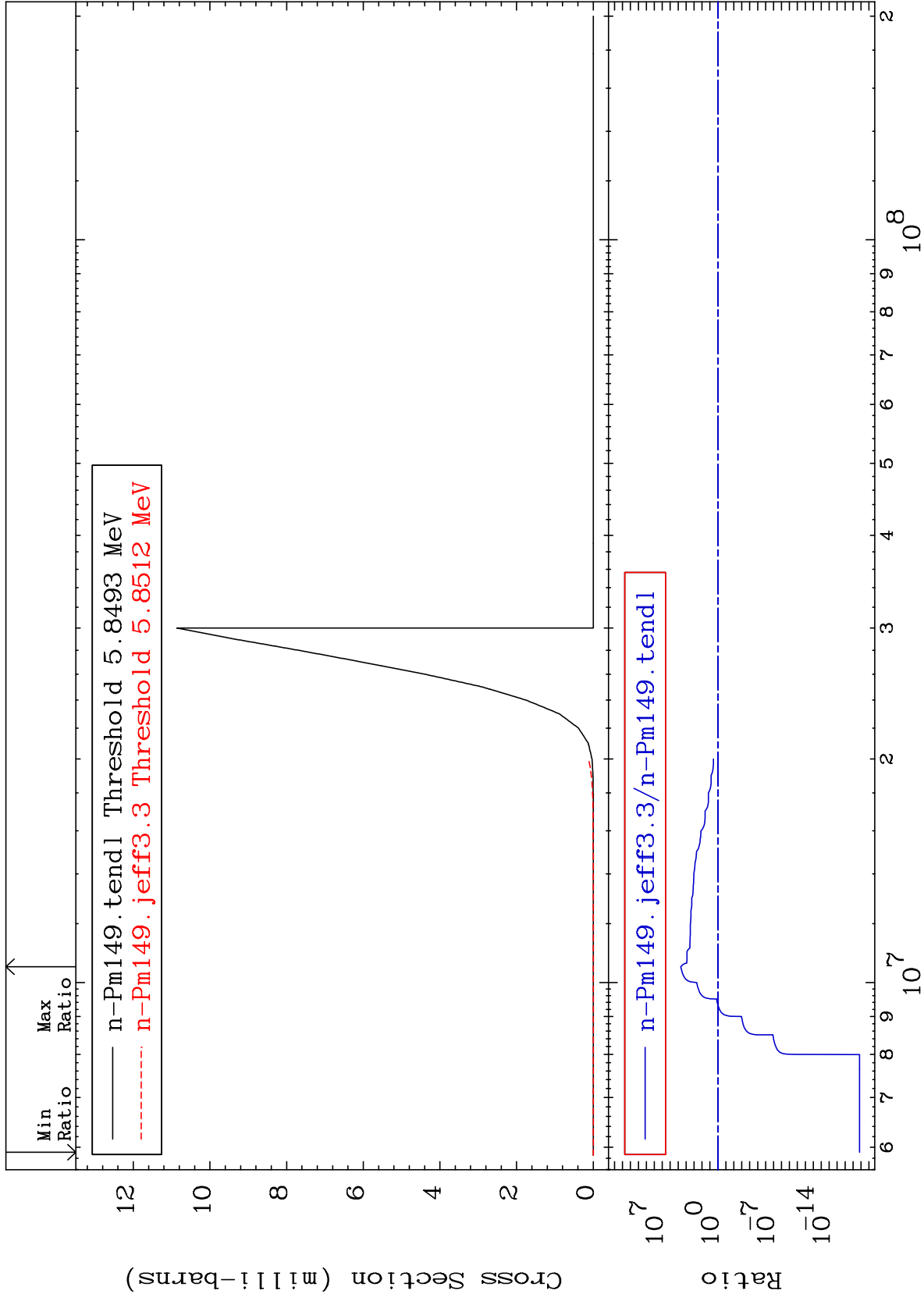
MAT 6155

(n,2n)  $\alpha$

61-Pm-149

Cross Section

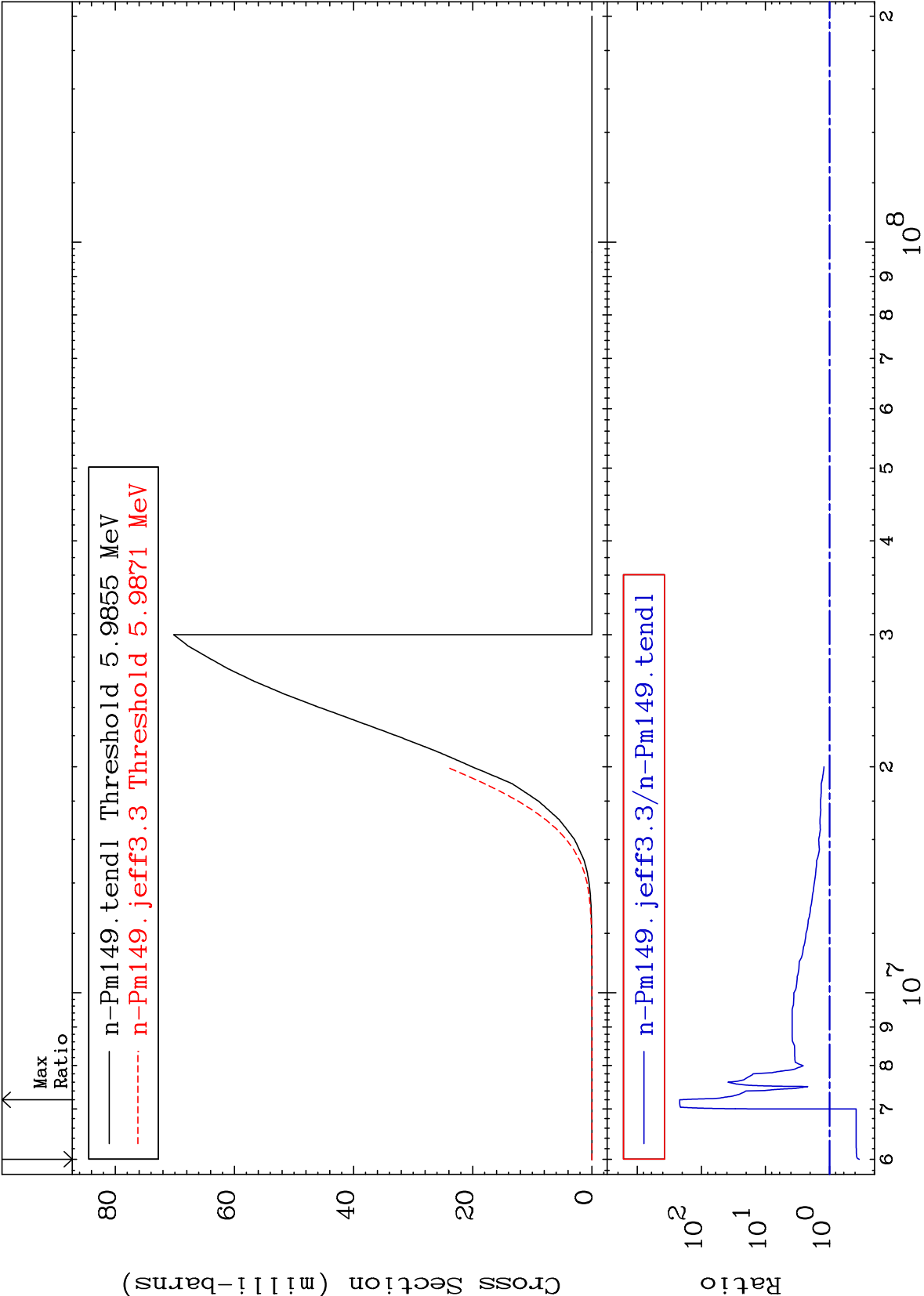
-100.0 To 9999. %

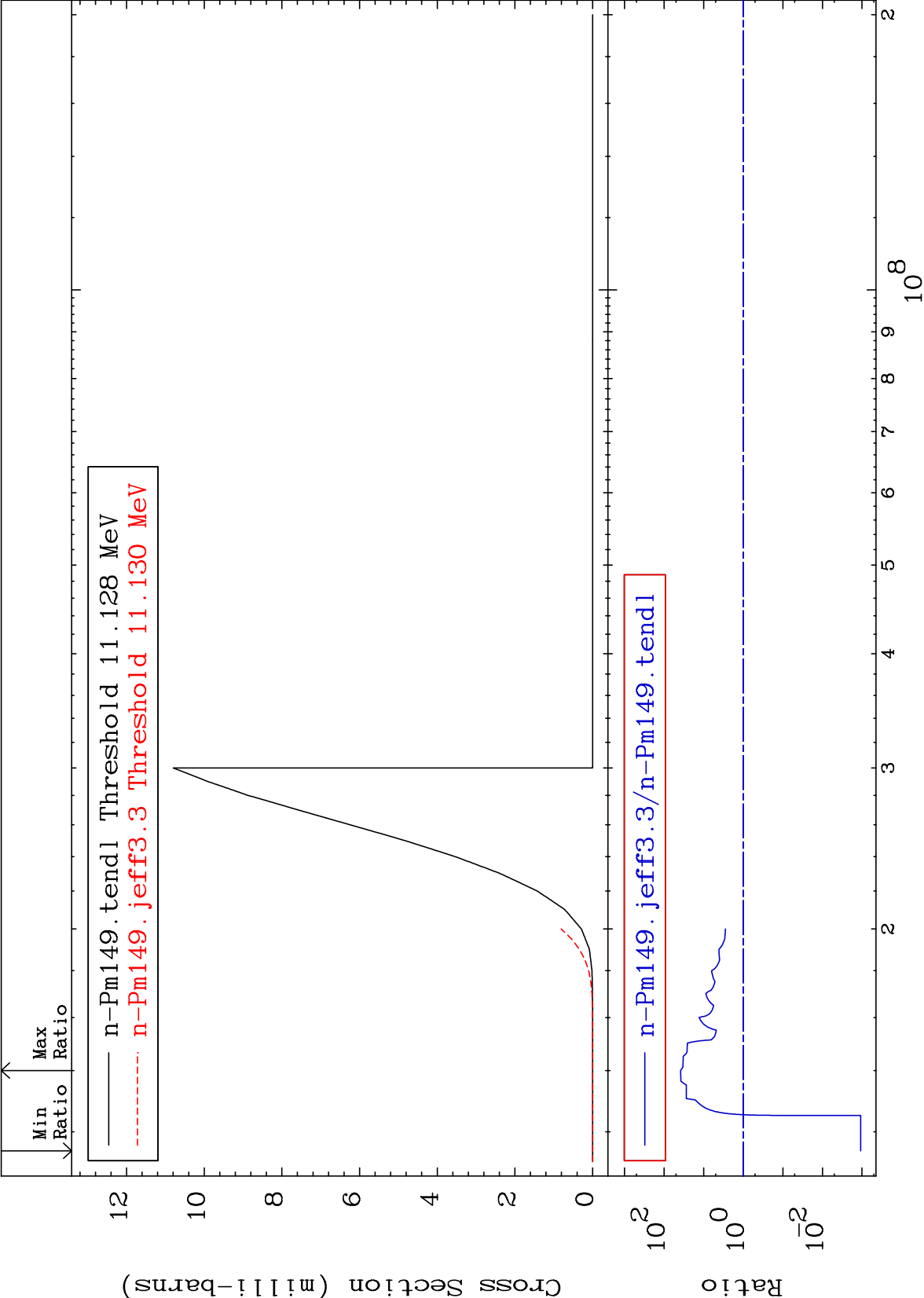


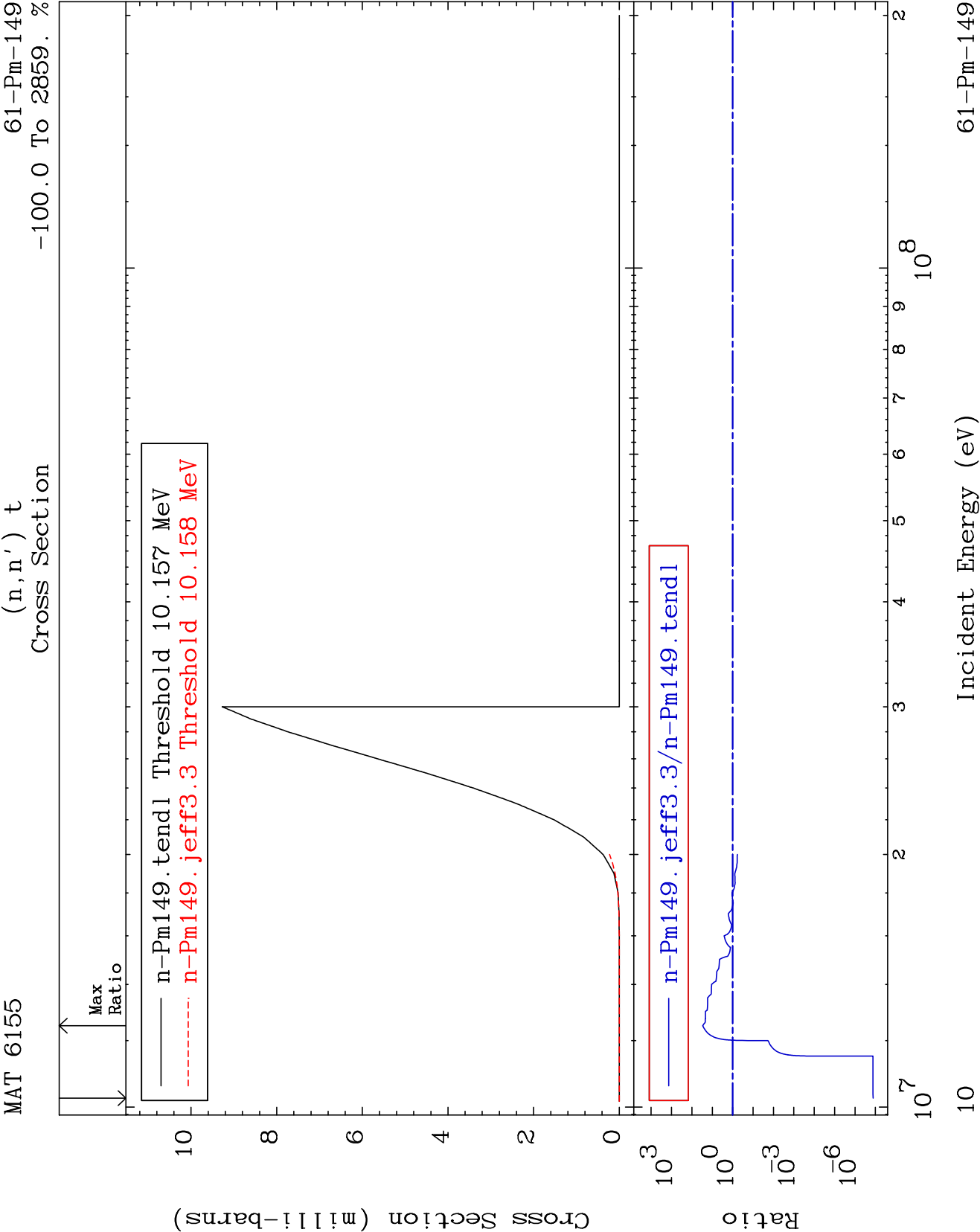
MAT 6155

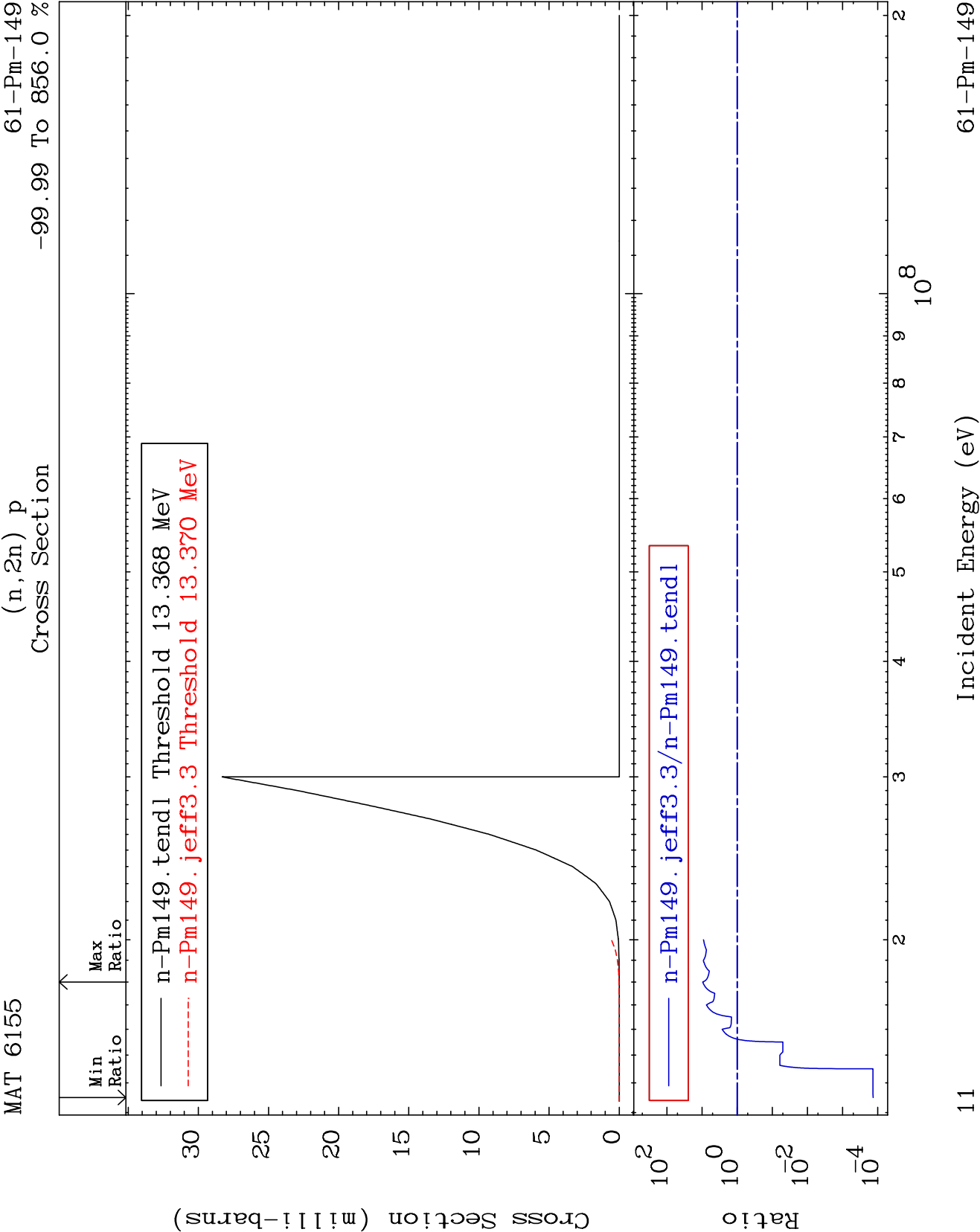
(n,n') p  
Cross Section

61-Pm-149  
-65.66 To 9999. %









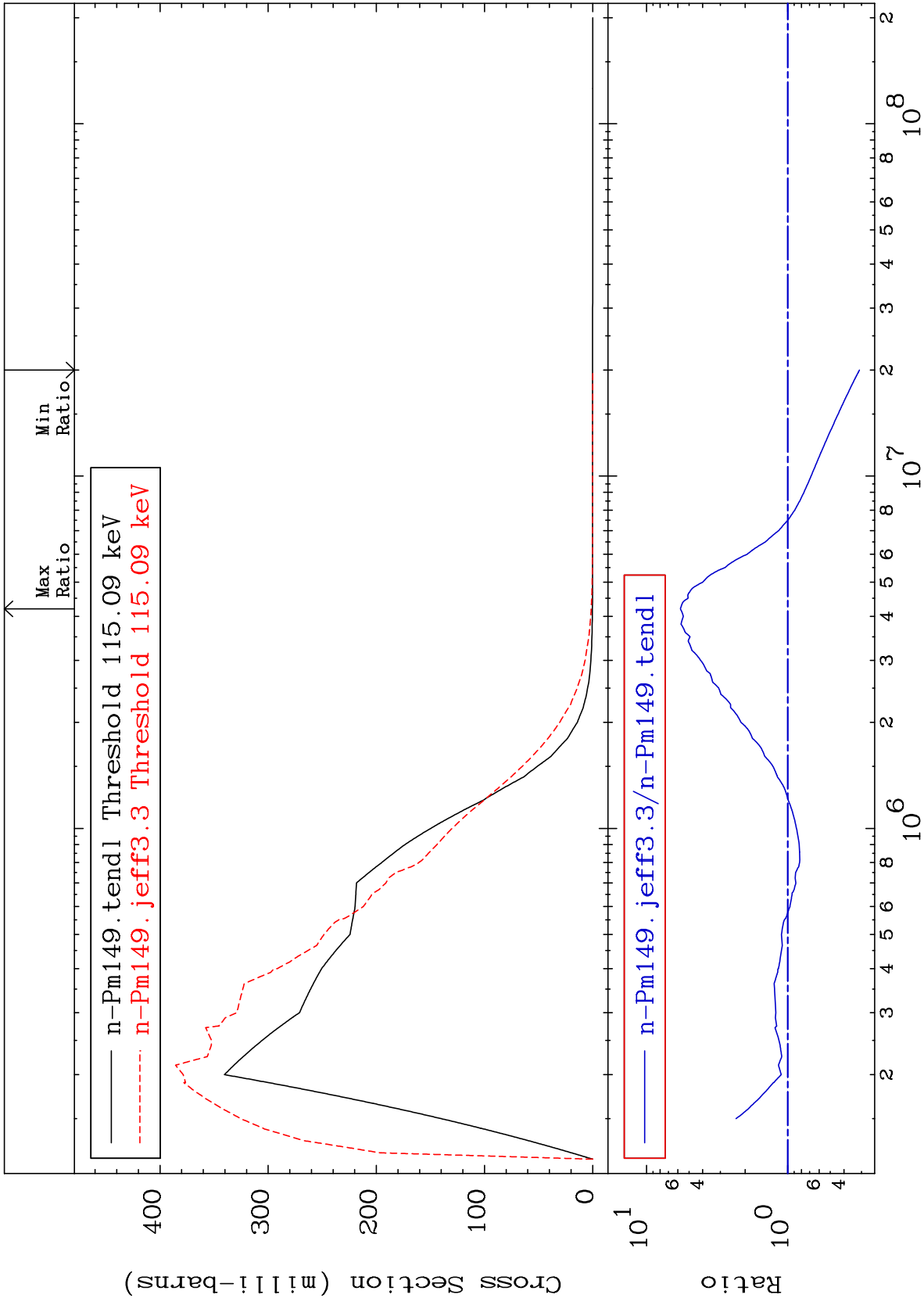
MAT 6155

MT= 51 (n,n') Level

61-Pm-149

-68.92 To 475.6 %

Cross Section



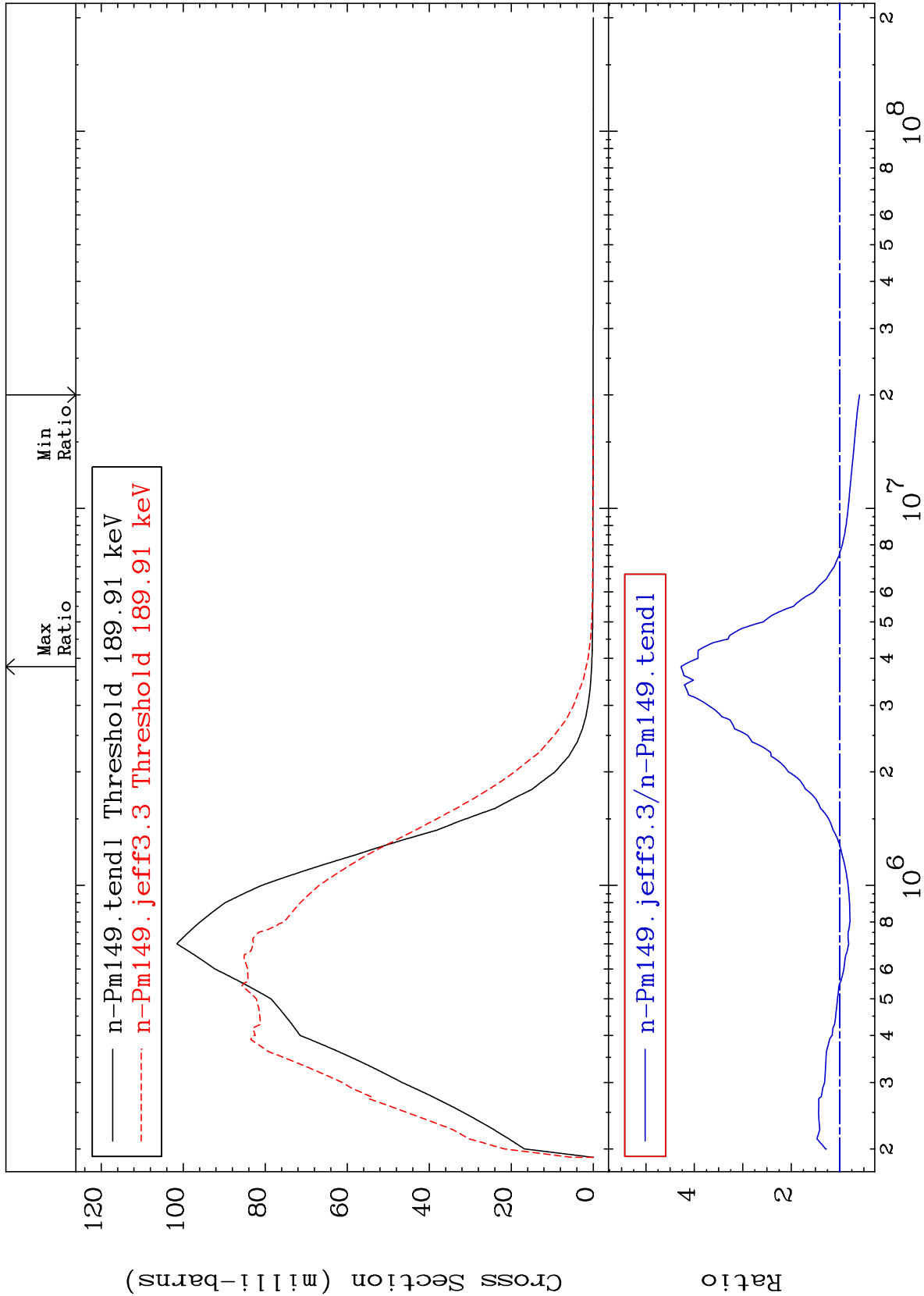
MAT 6155

MT= 52 (n,n') Level

61-Pm-149

-40.95 To 328.0 %

Cross Section



13

Incident Energy (eV)

61-Pm-149

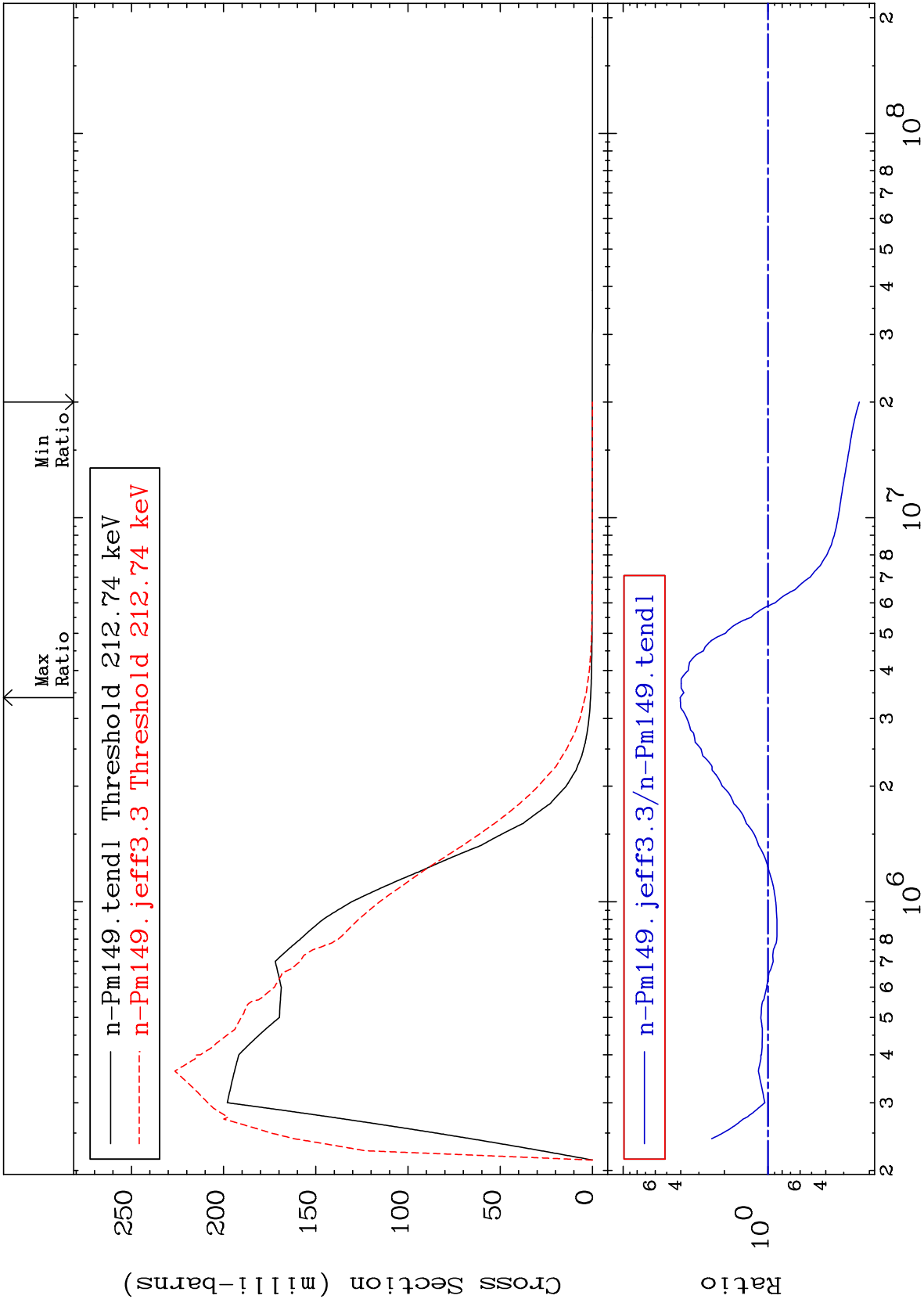
MAT 6155

MT= 53 (n,n') Level

61-Pm-149

-76.57 To 303.9 %

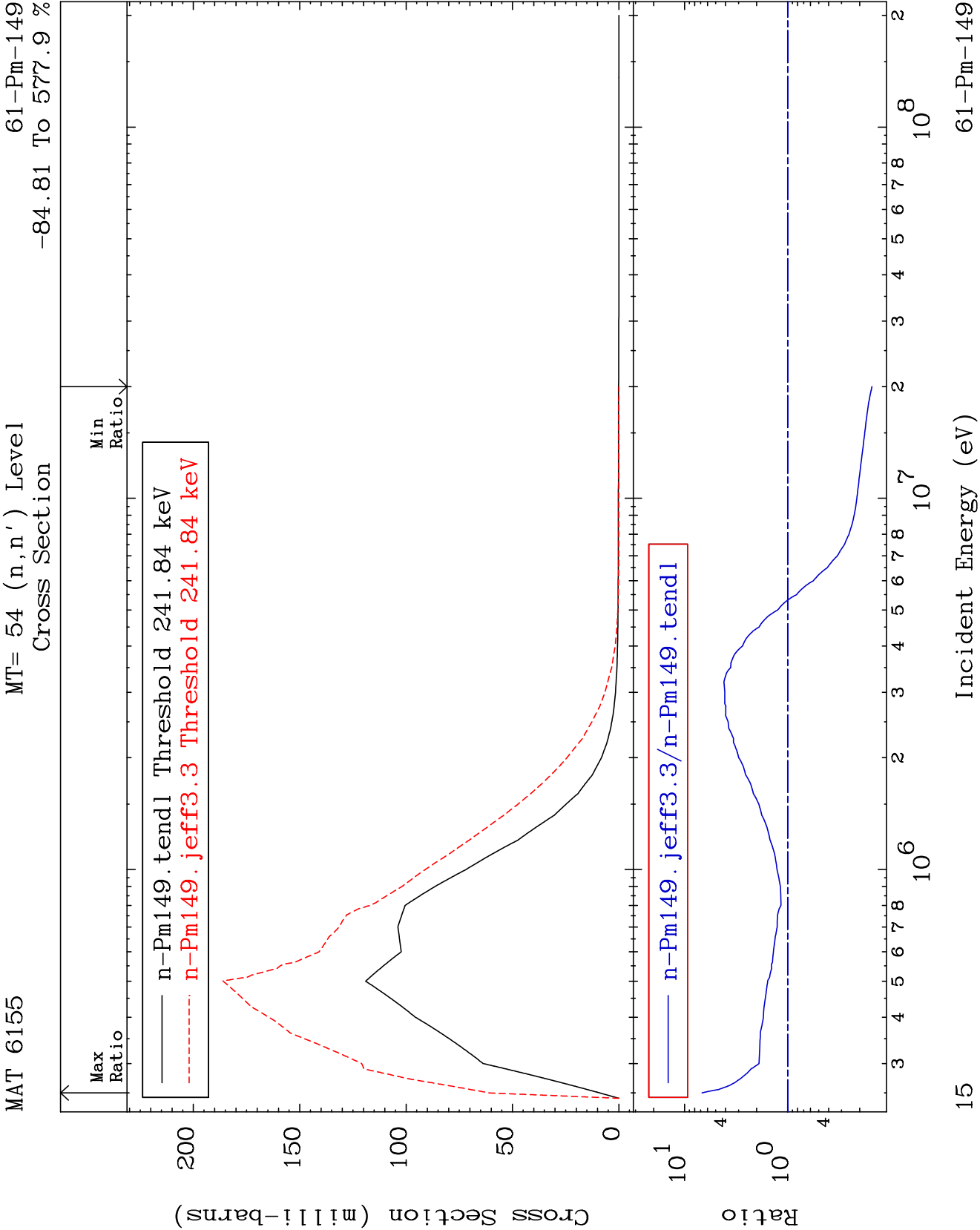
Cross Section



14

Incident Energy (eV)

61-Pm-149



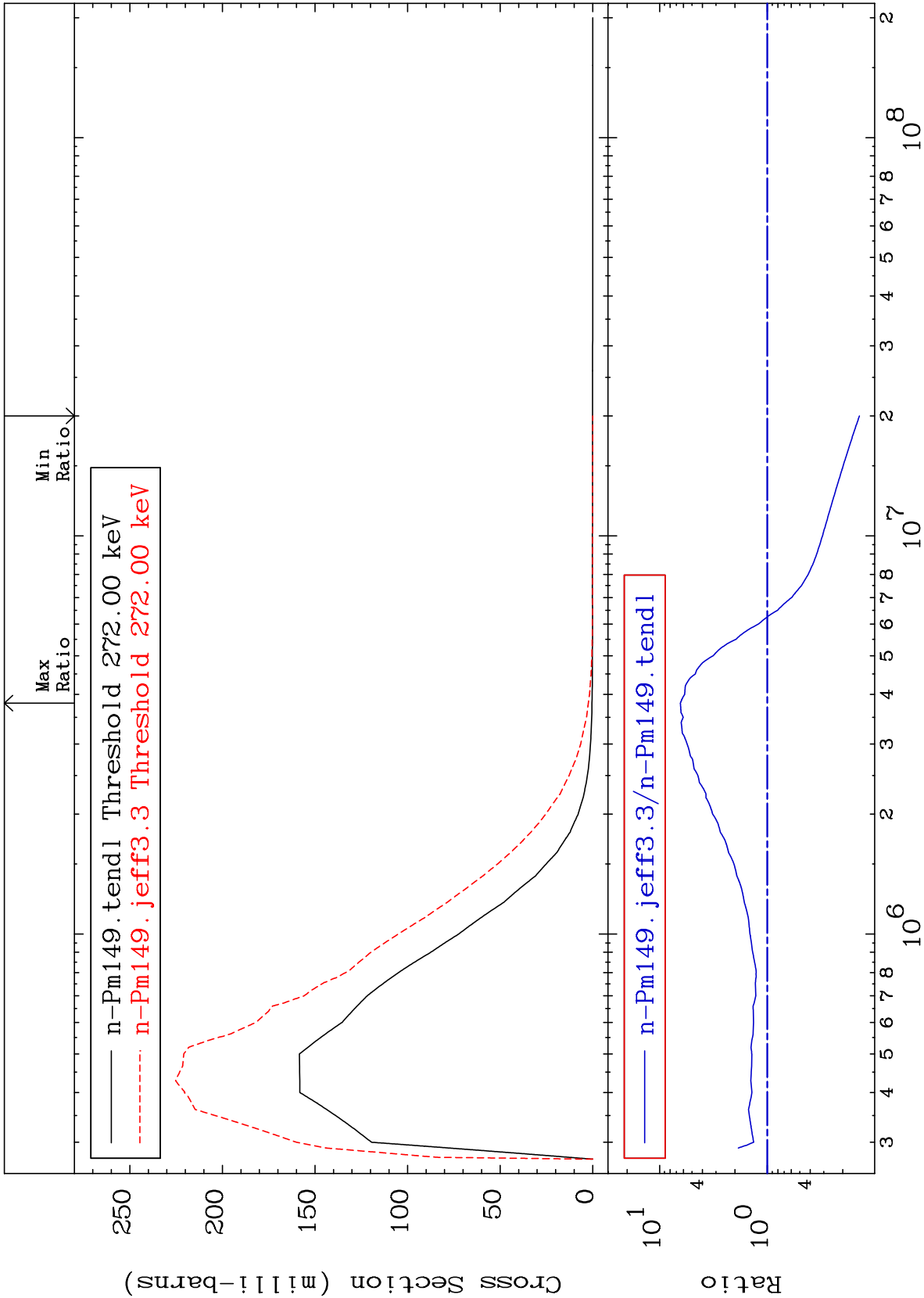
MAT 6155

MT= 55 (n,n') Level

61-Pm-149

-86.01 To 541.4 %

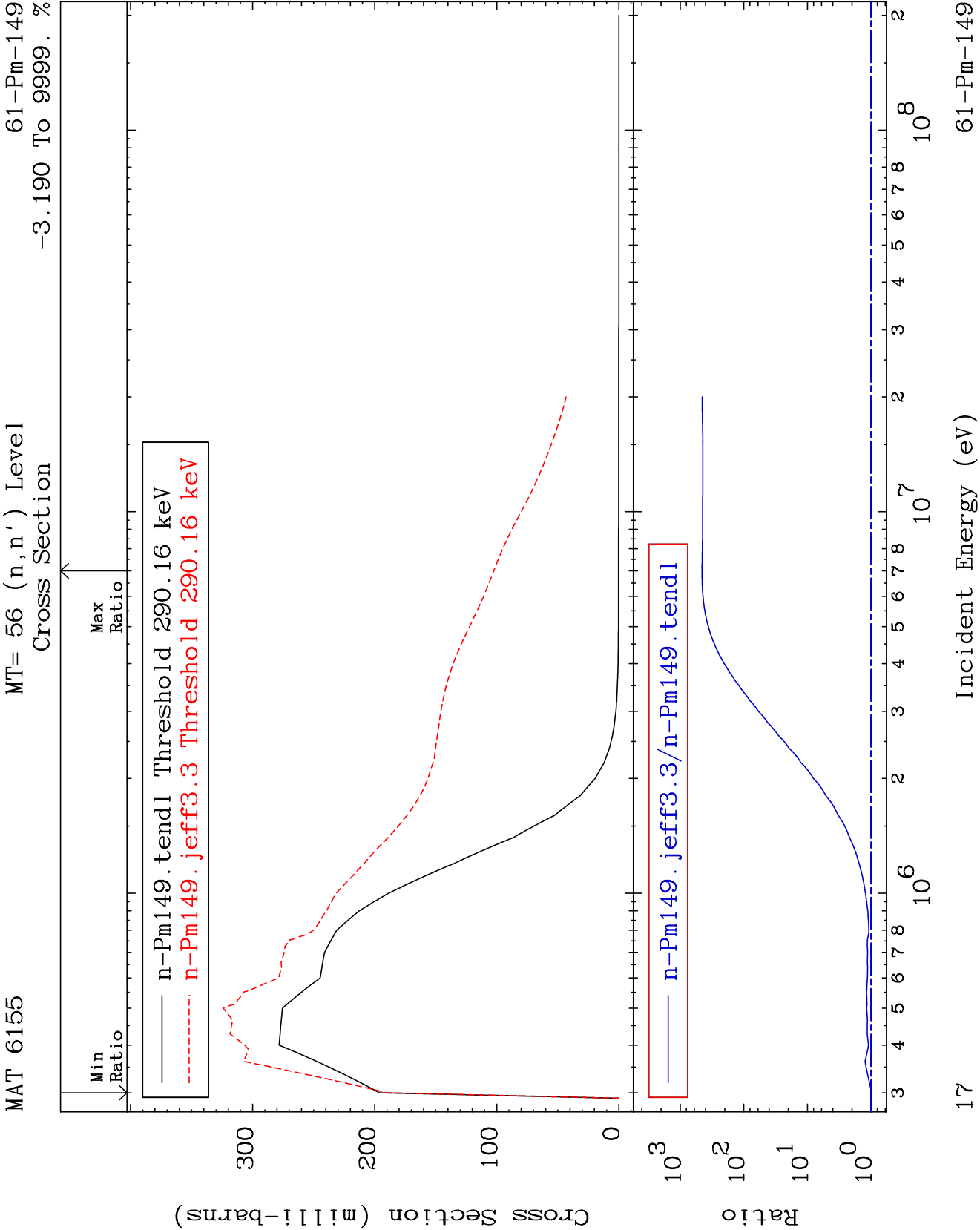
Cross Section



16

Incident Energy (eV)

61-Pm-149



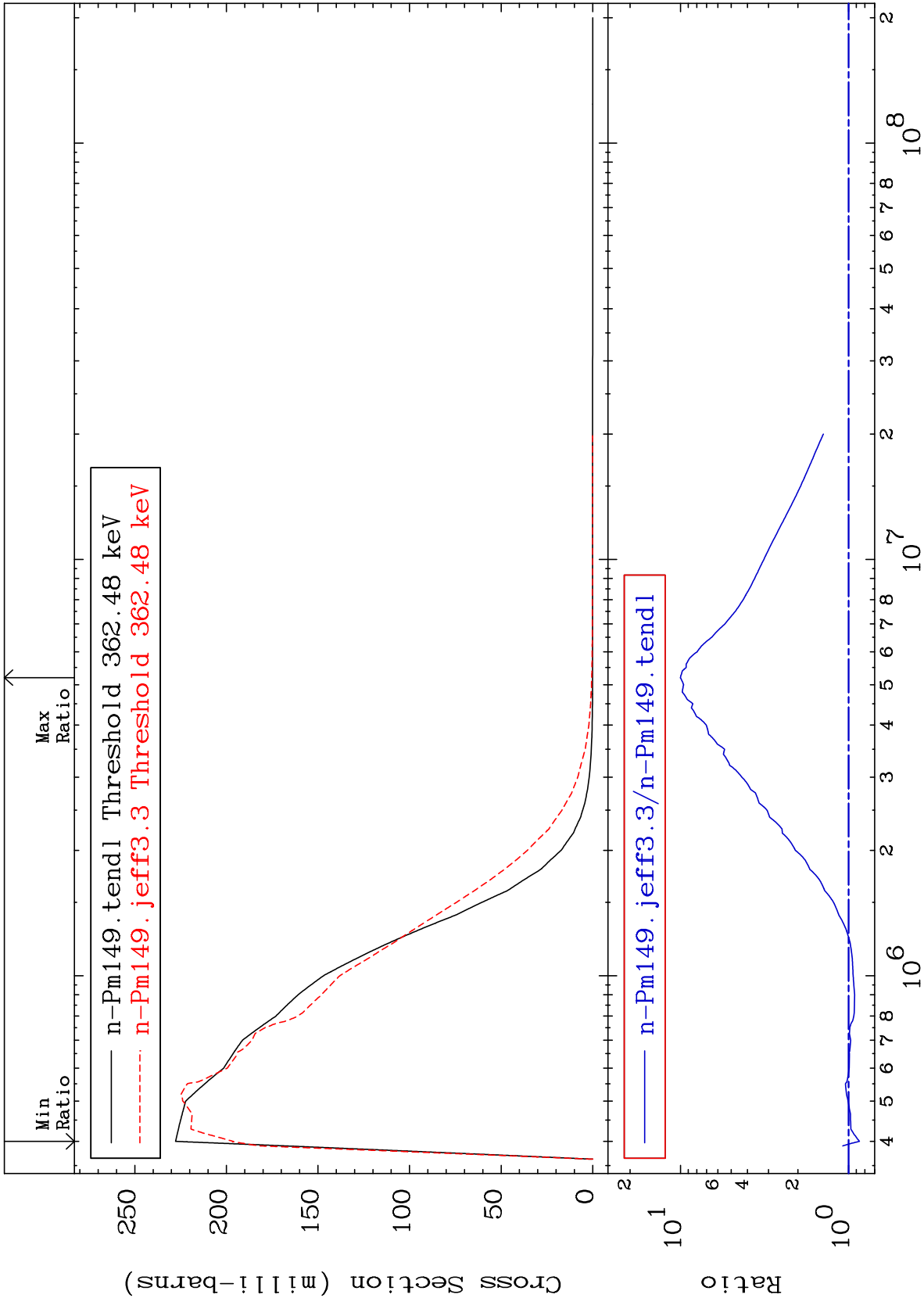
MAT 6155

MT= 57 (n,n') Level

61-Pm-149

-13.85 To 903.1 %

Cross Section



18

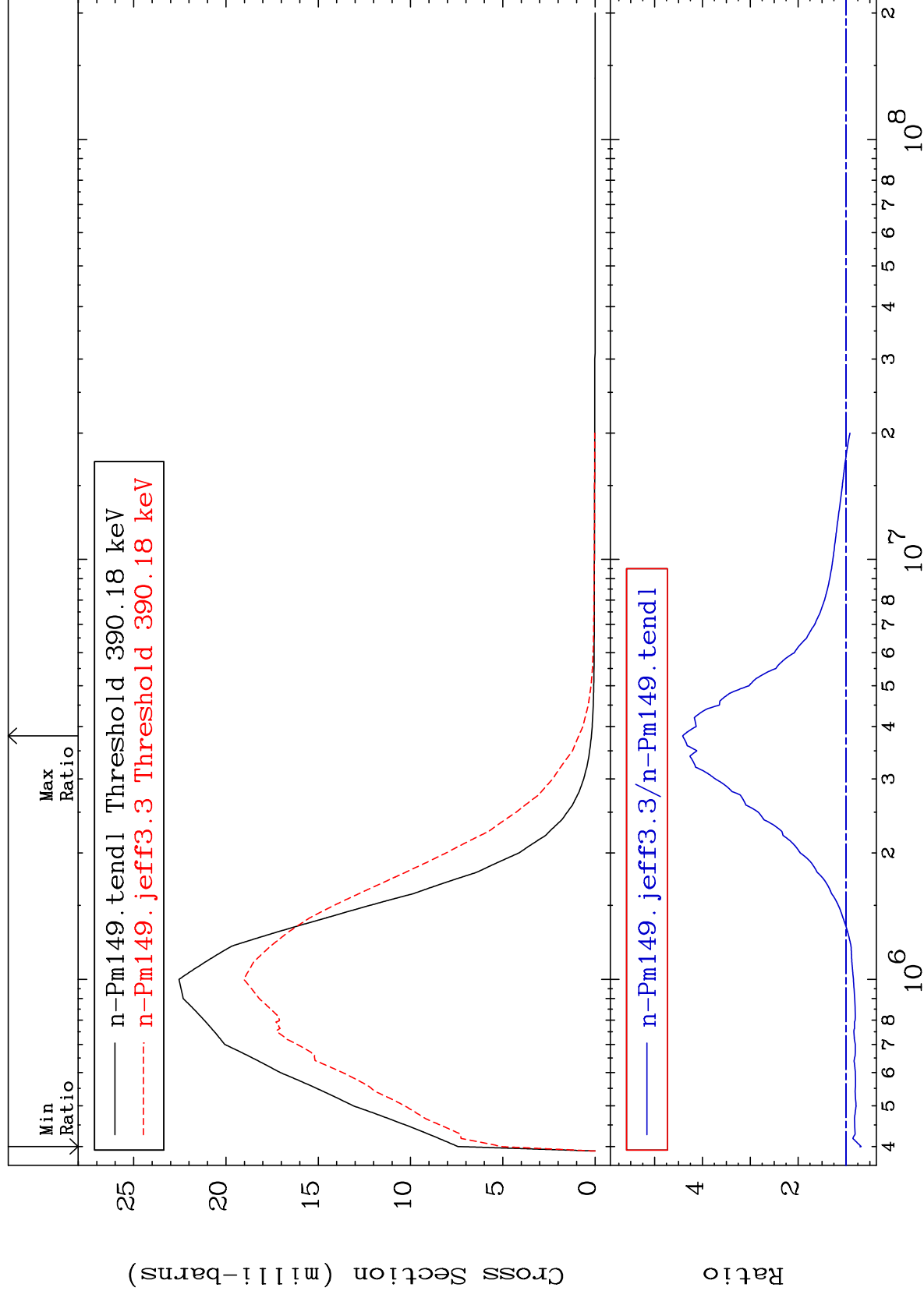
Incident Energy (eV)

61-Pm-149

MAT 6155

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

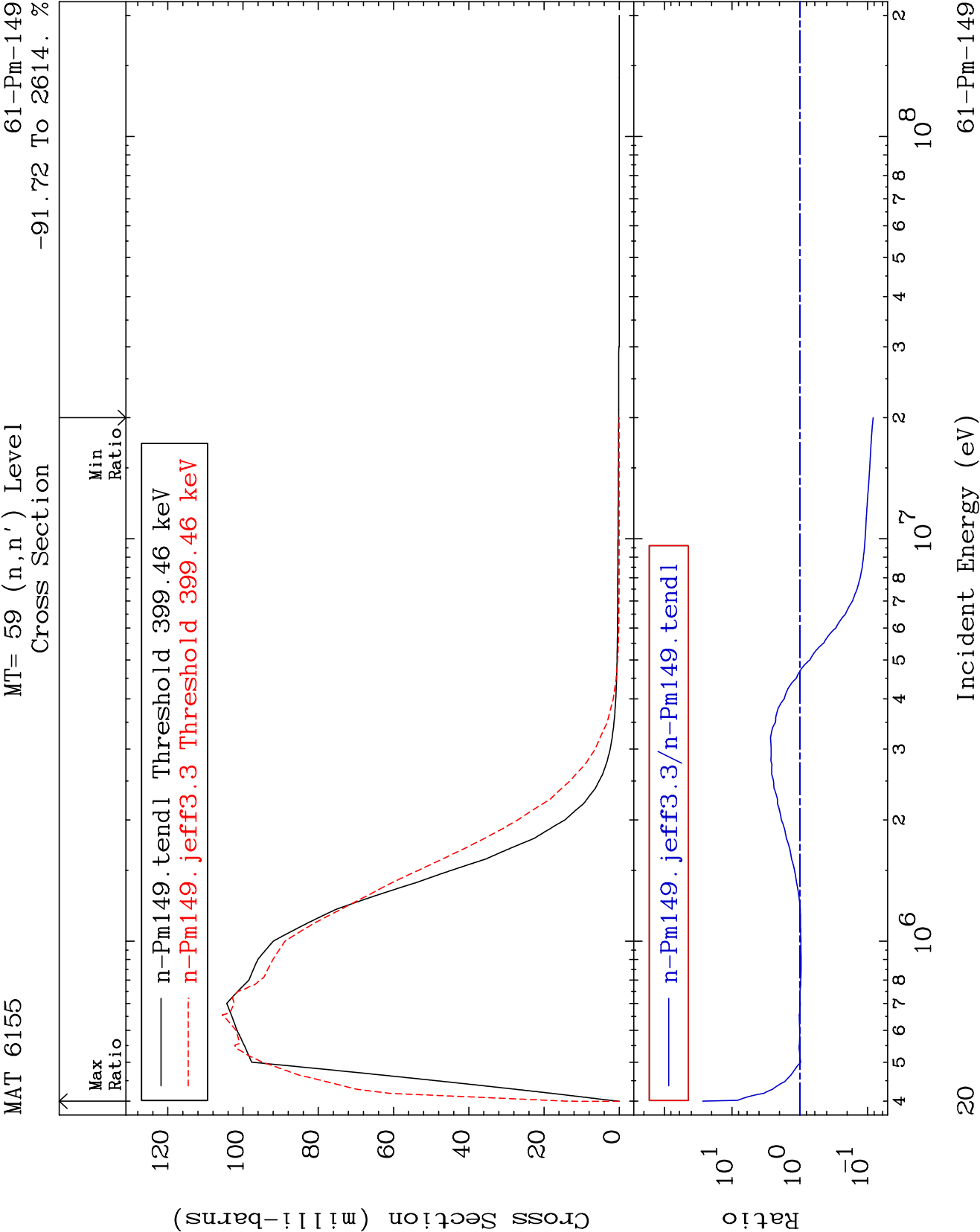
61-Pm-149  
-31.88 To 341.6 %

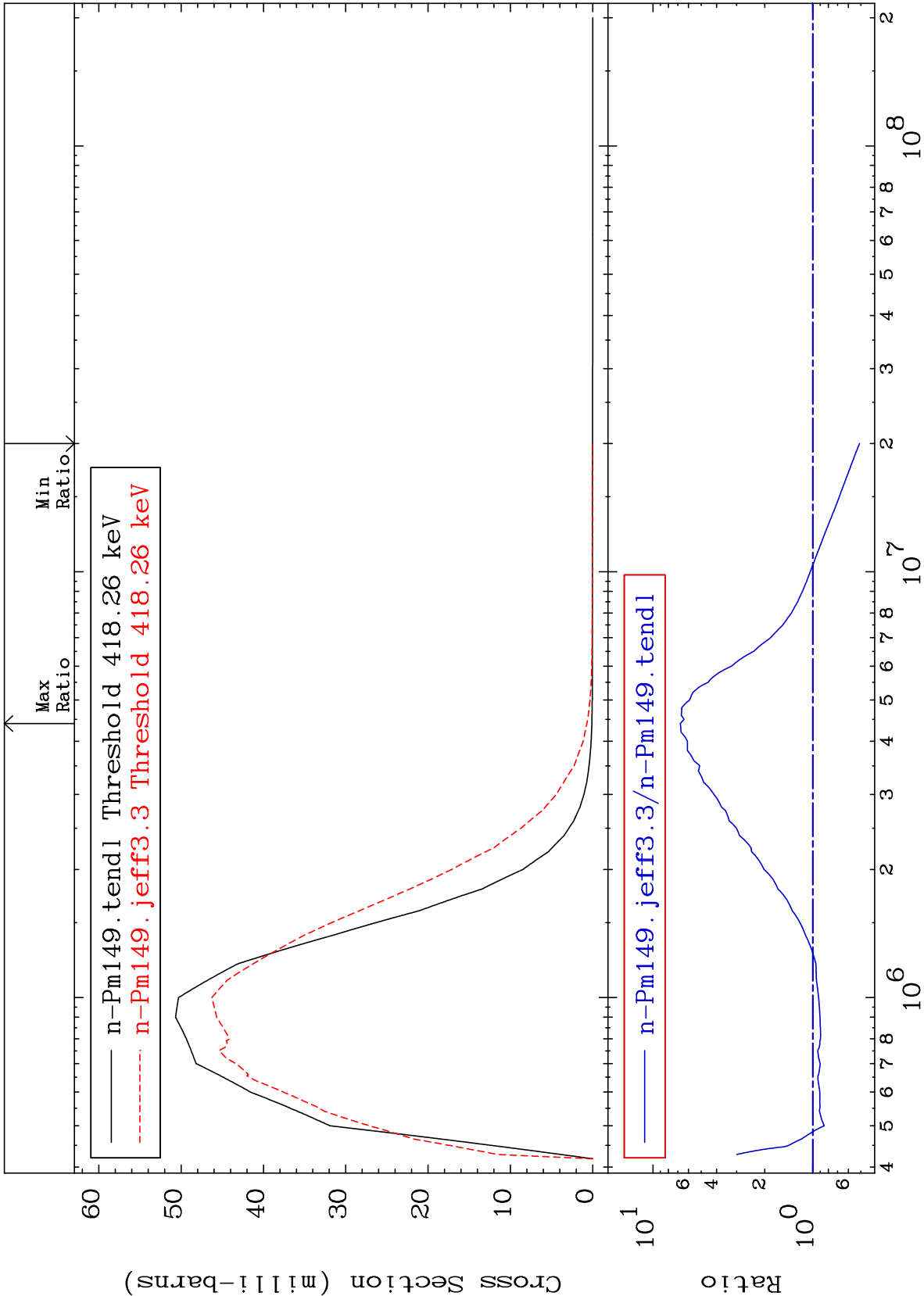


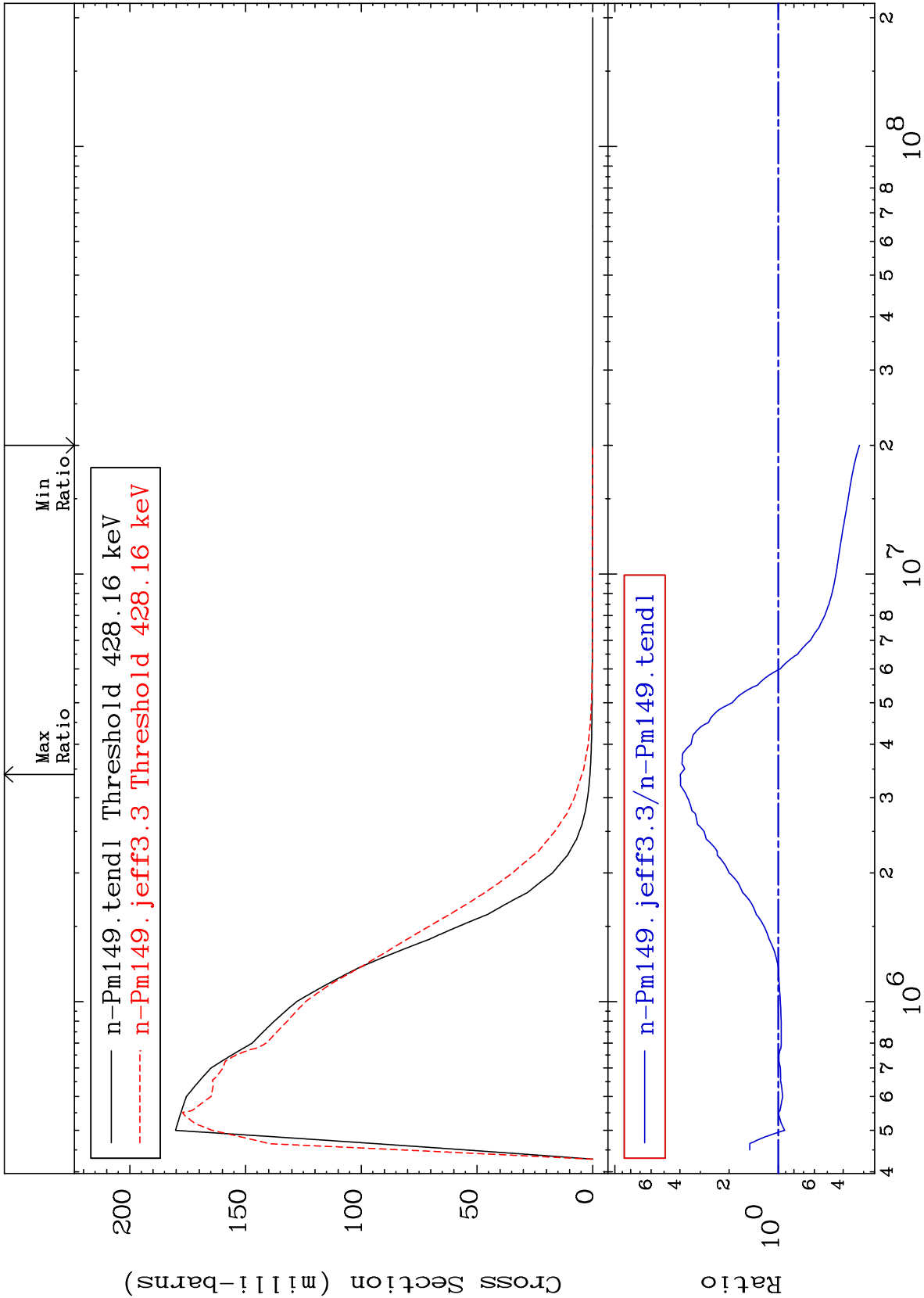
19

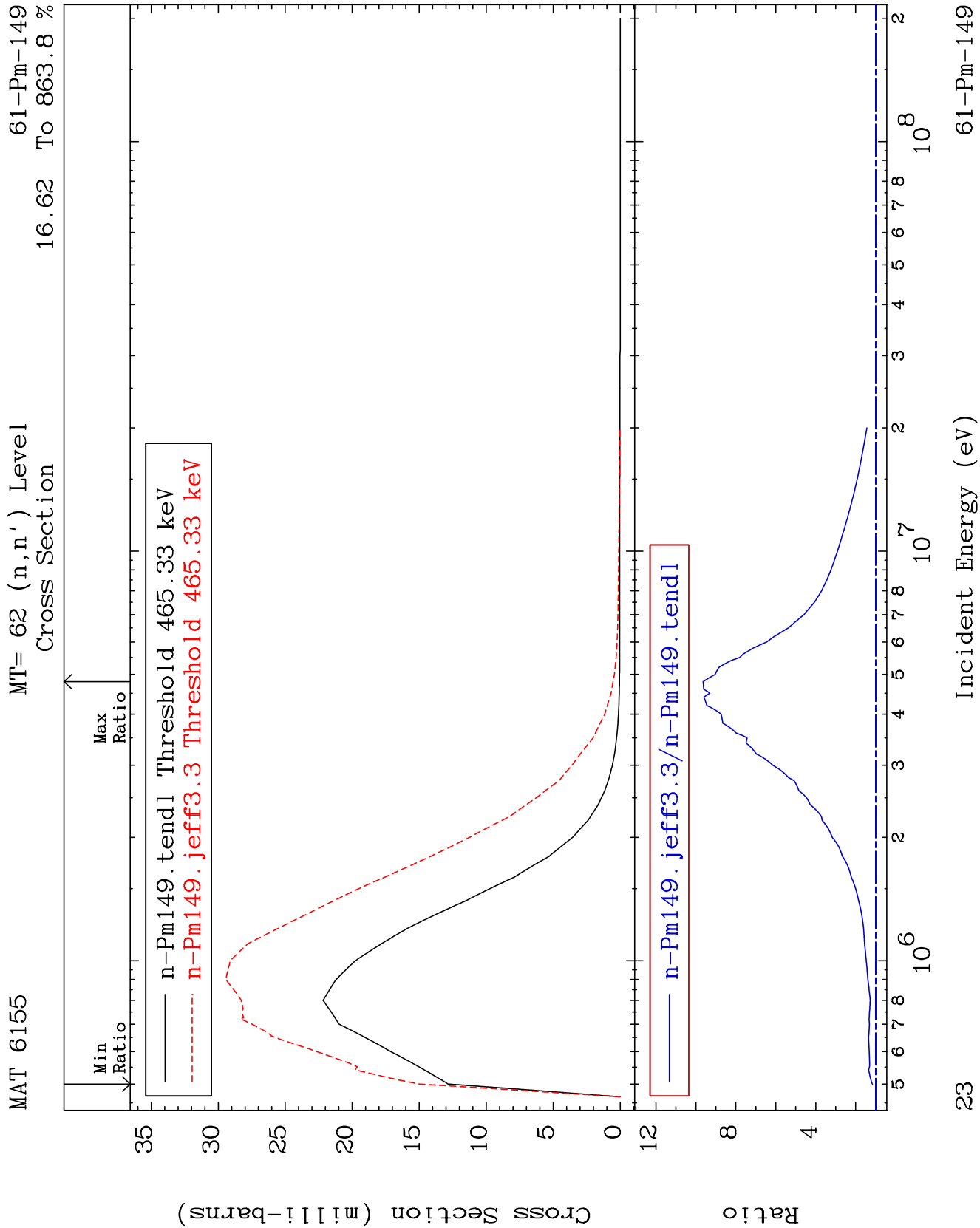
Incident Energy (eV)

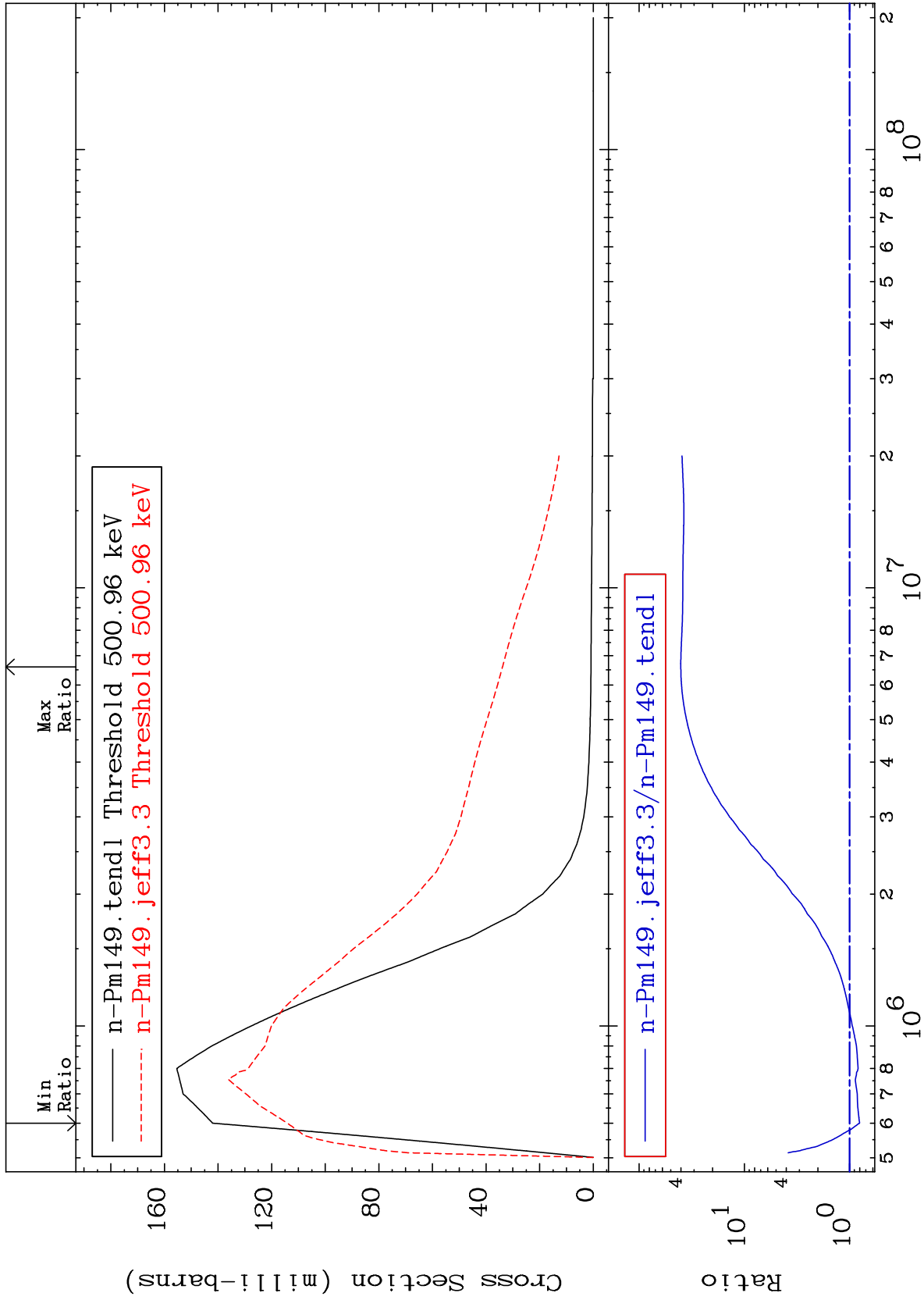
61-Pm-149

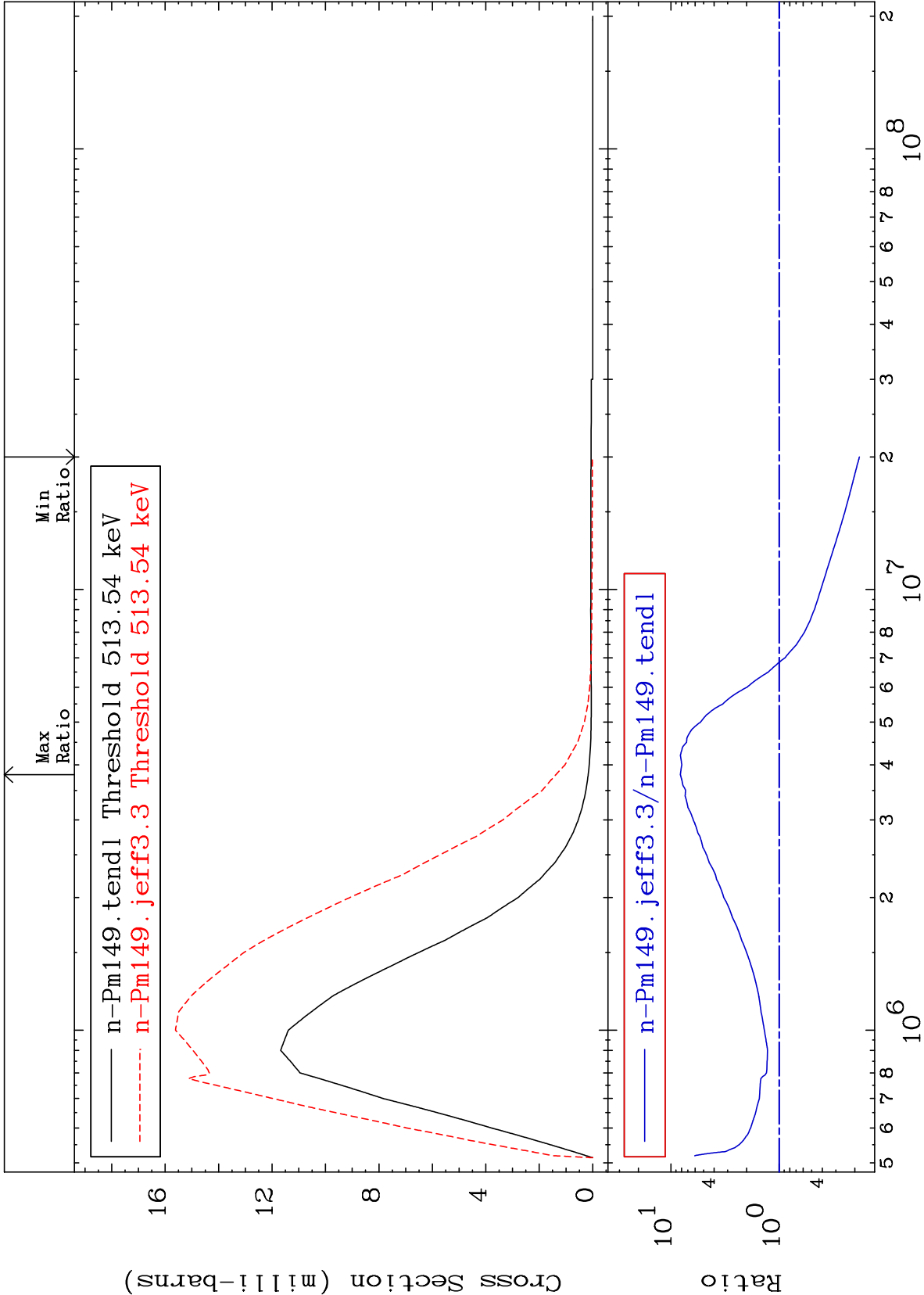


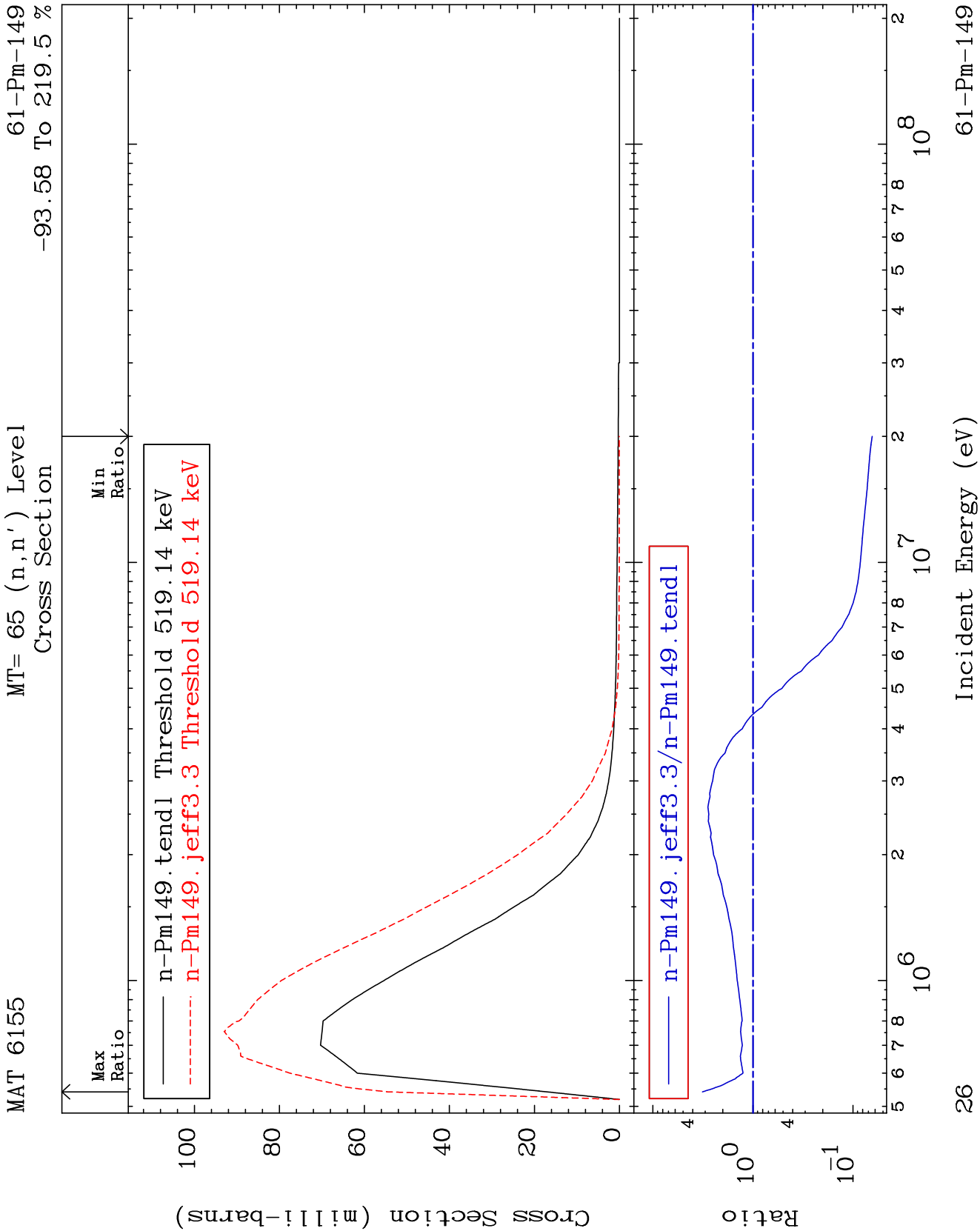


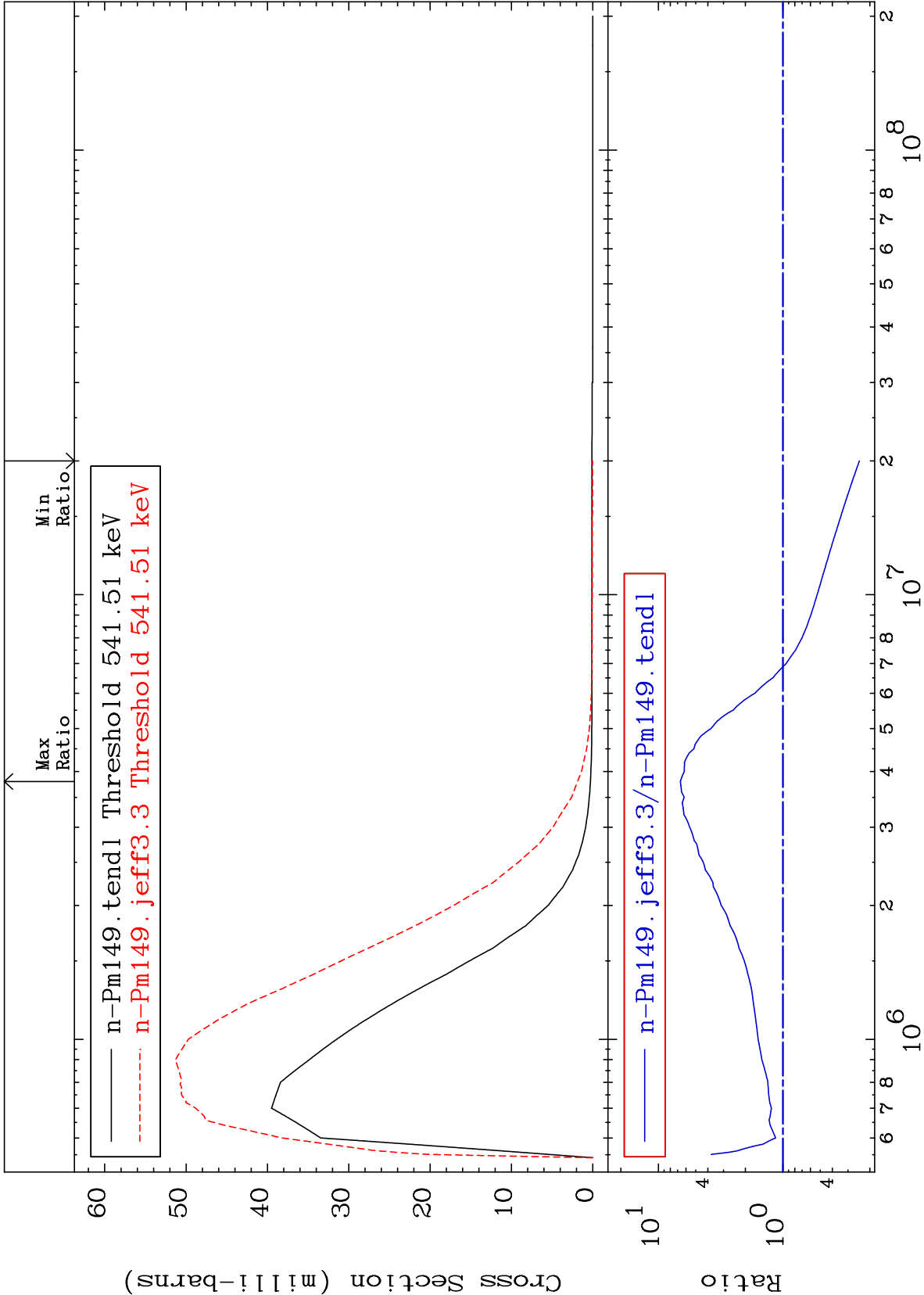








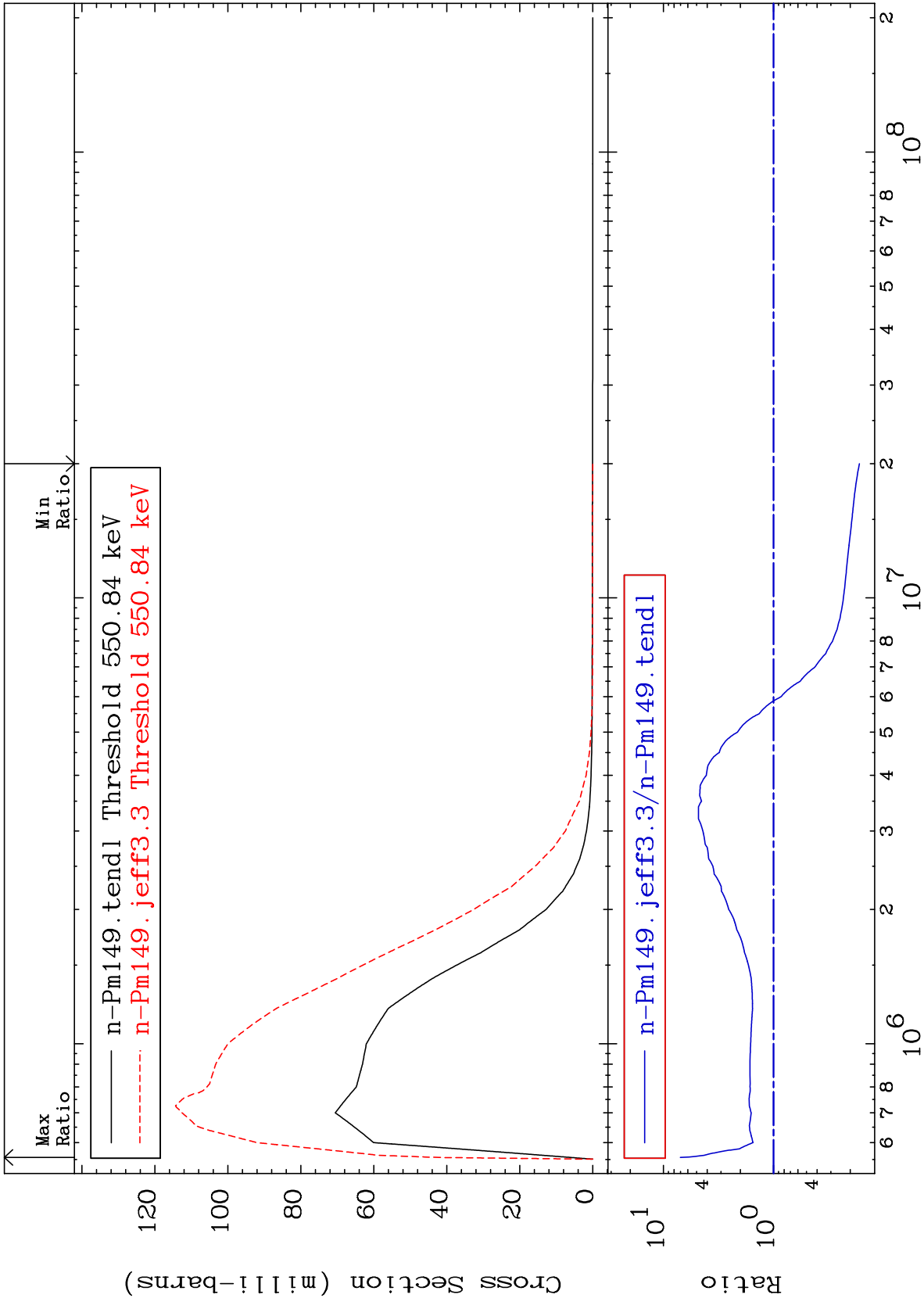


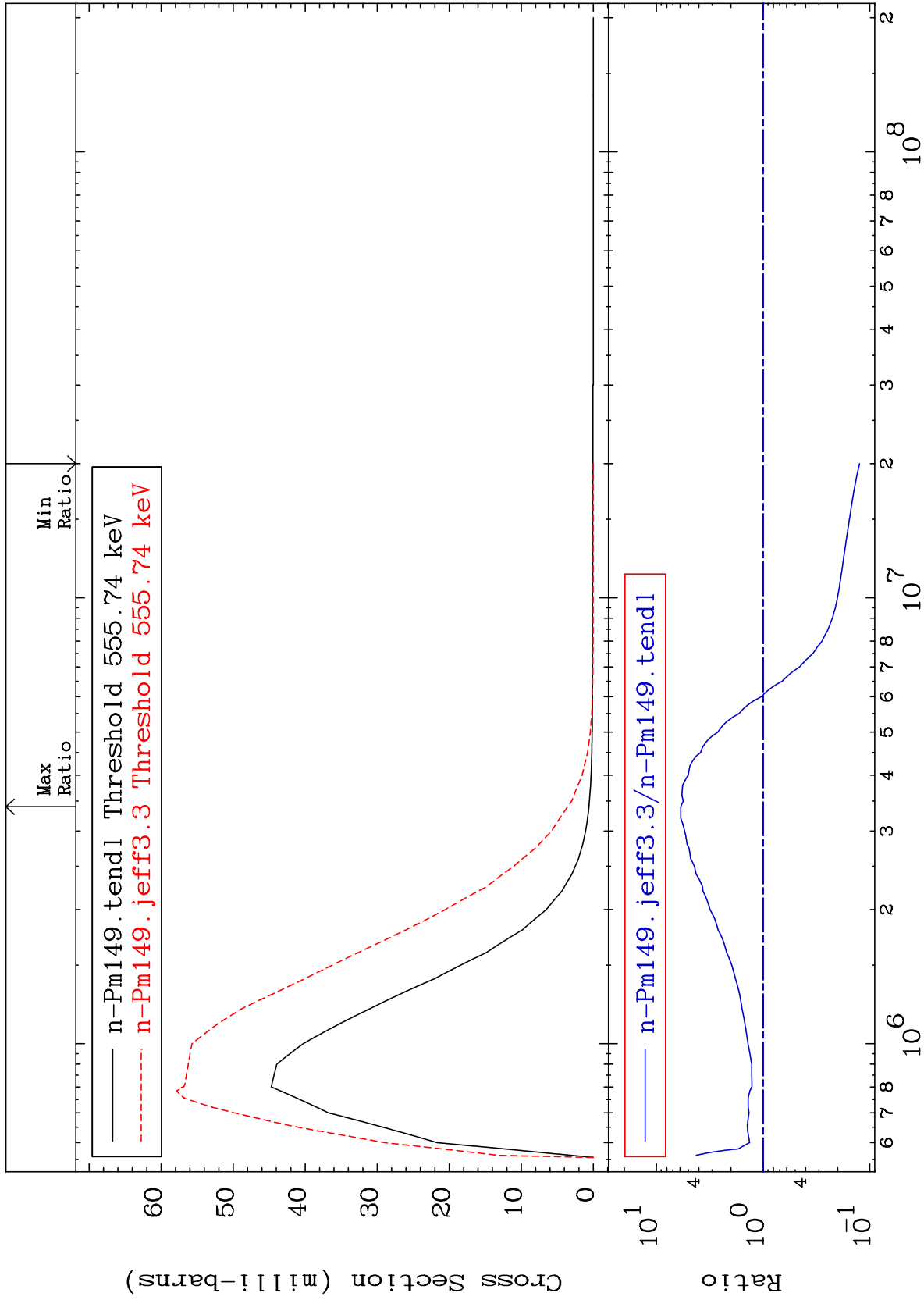


MAT 6155

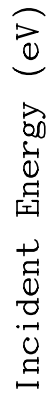
MT= 67 (n,n') Level  
Cross Section

61-Pm-149  
-83.49 To 602.0 %



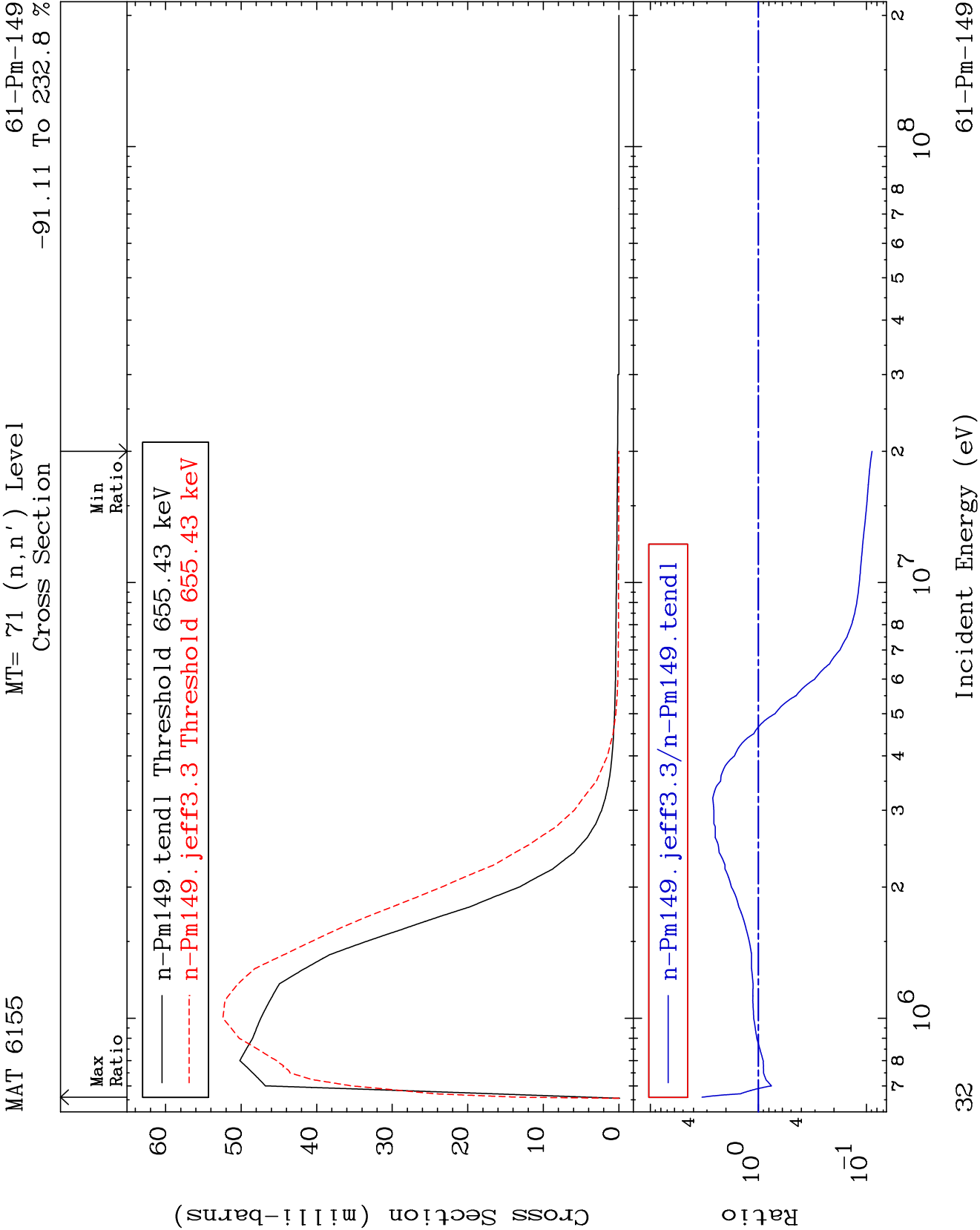


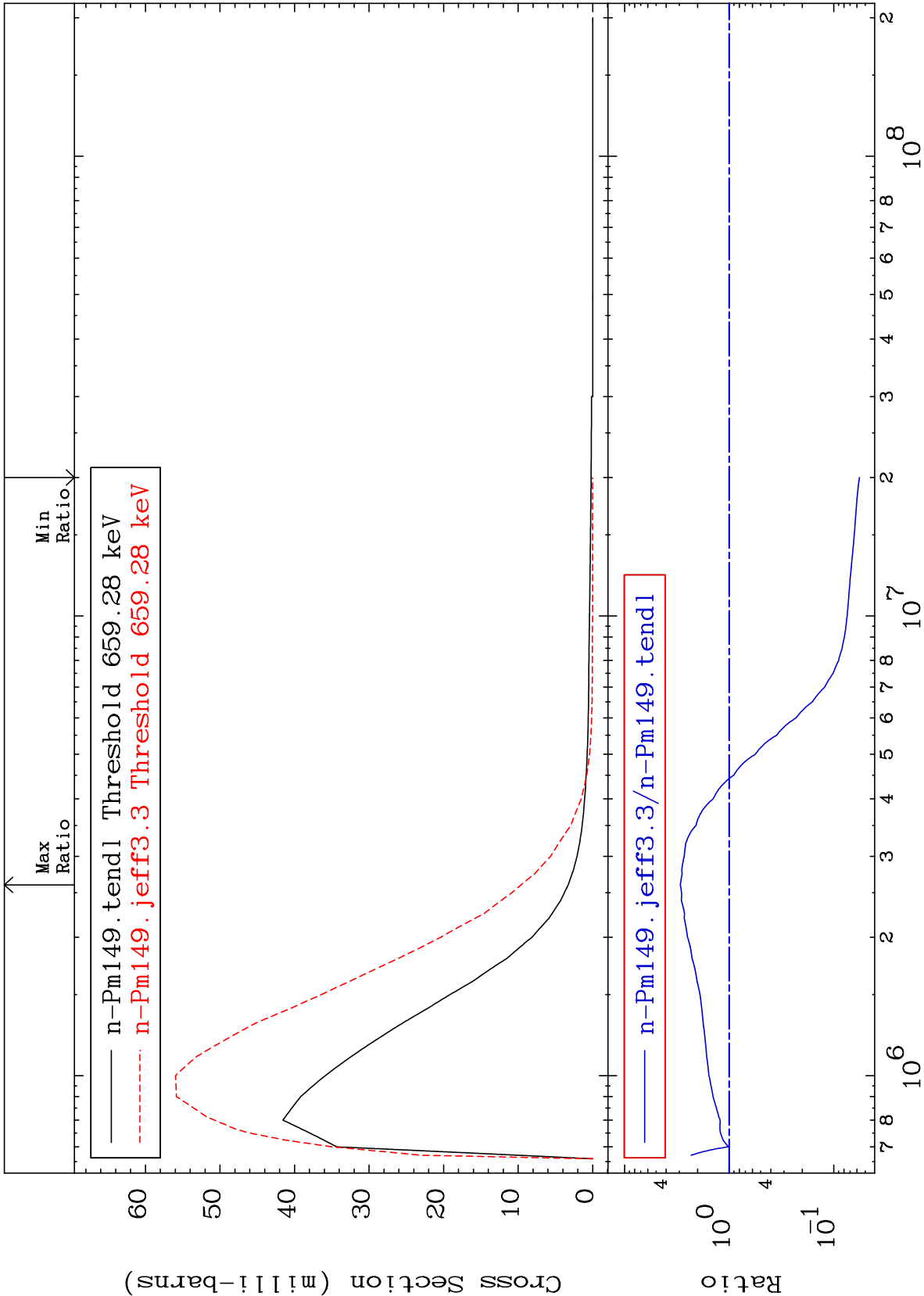
61-Pm-149  
-75.87 To 412.5 %

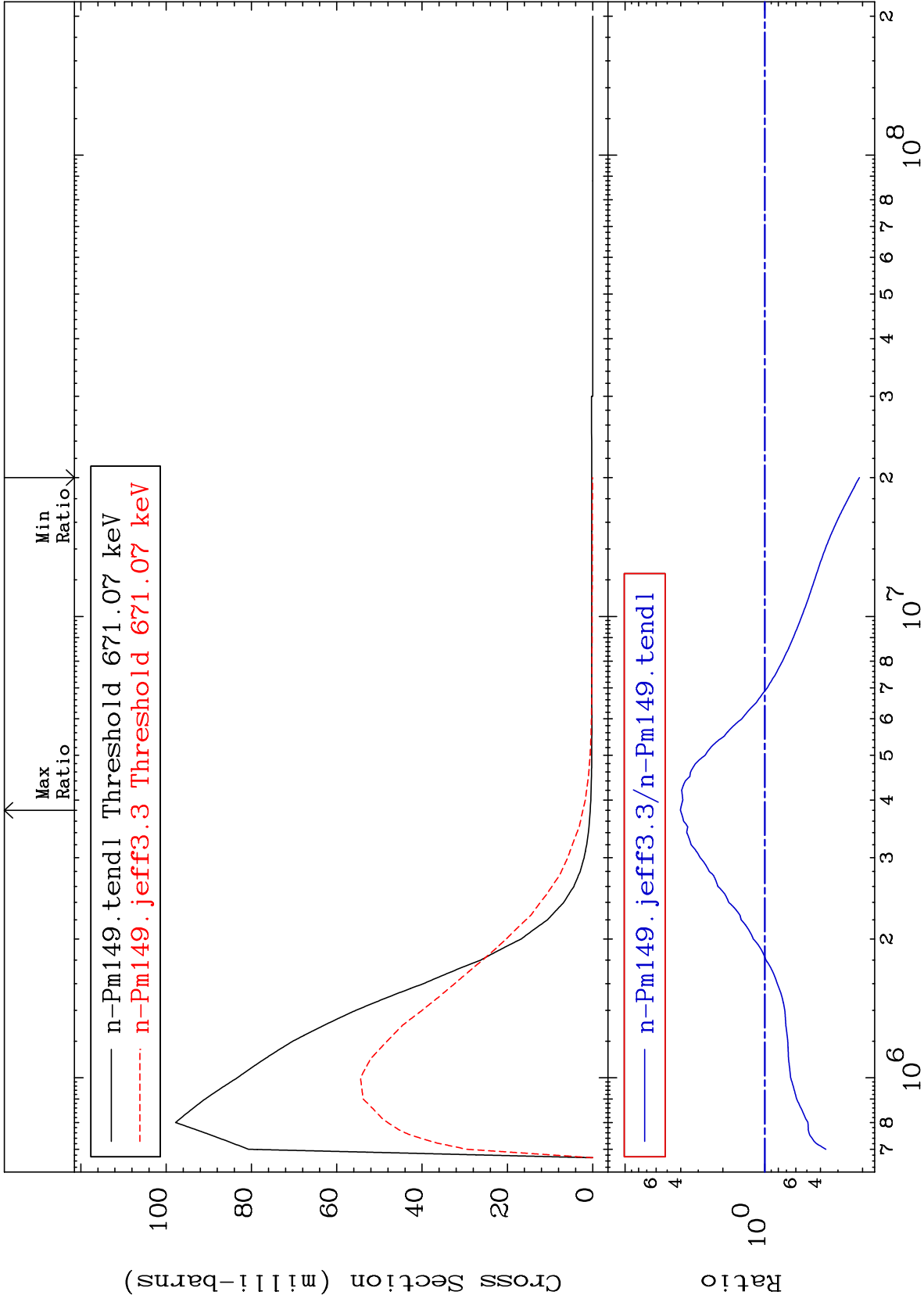


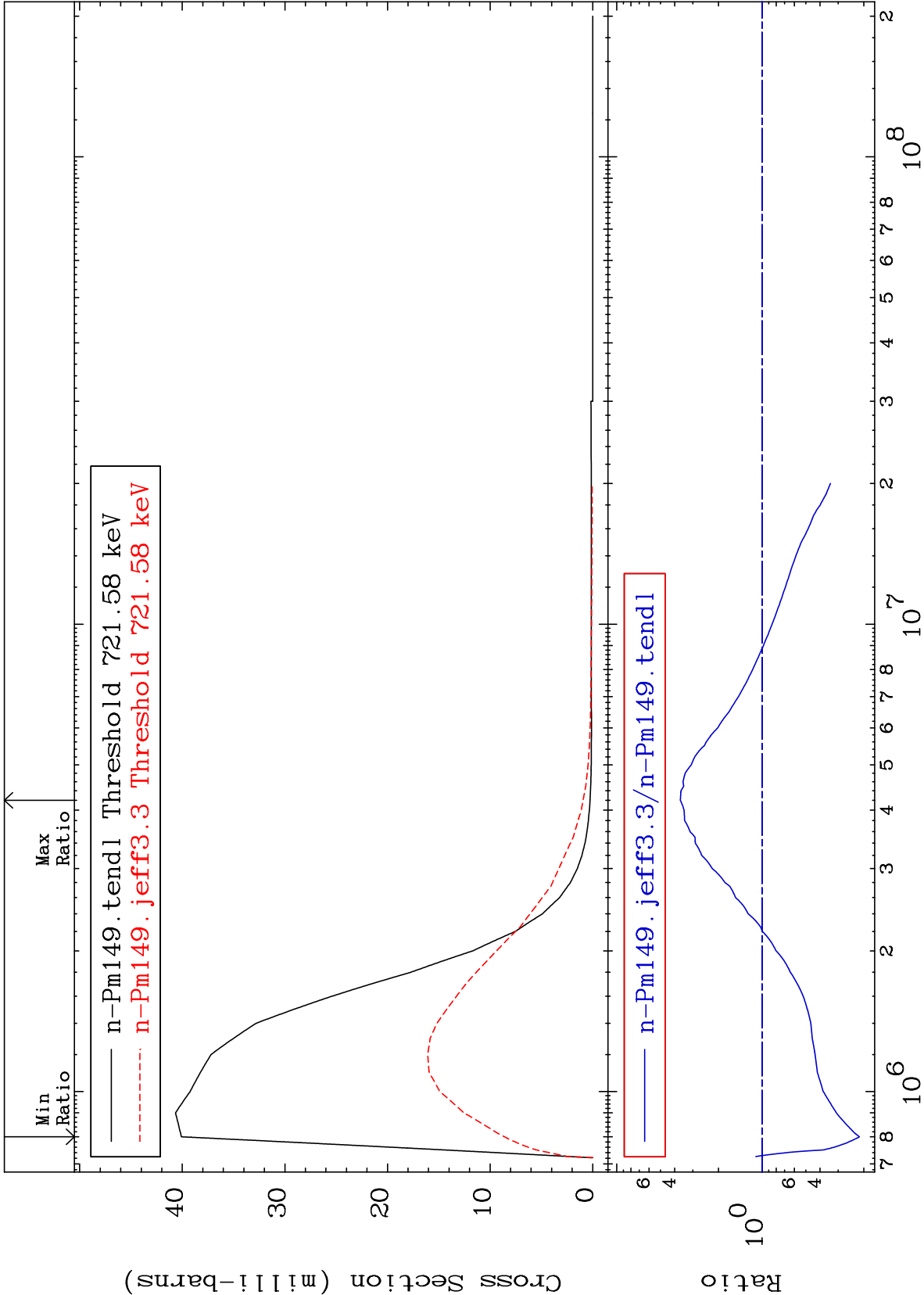
61-Pm-149

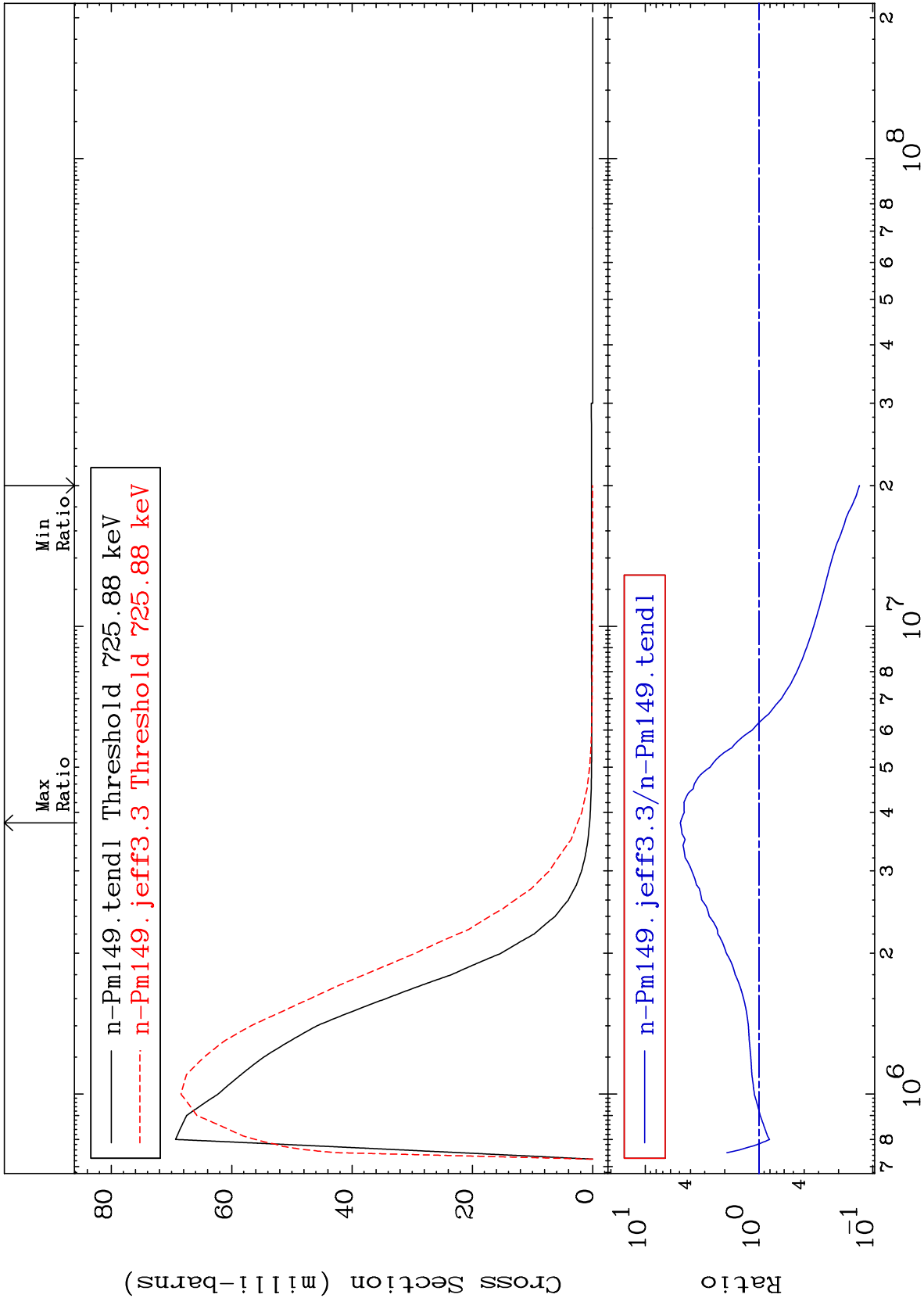


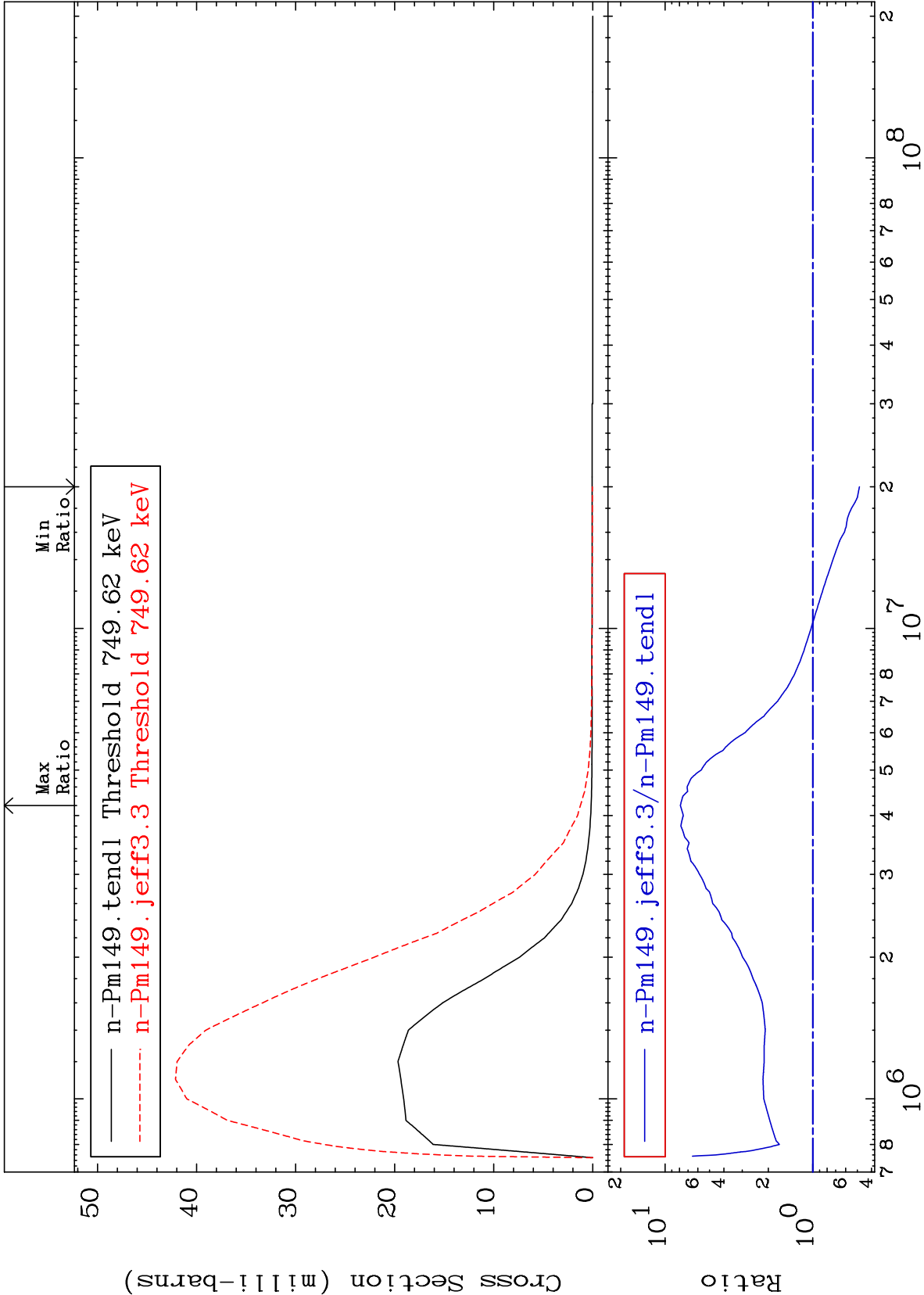








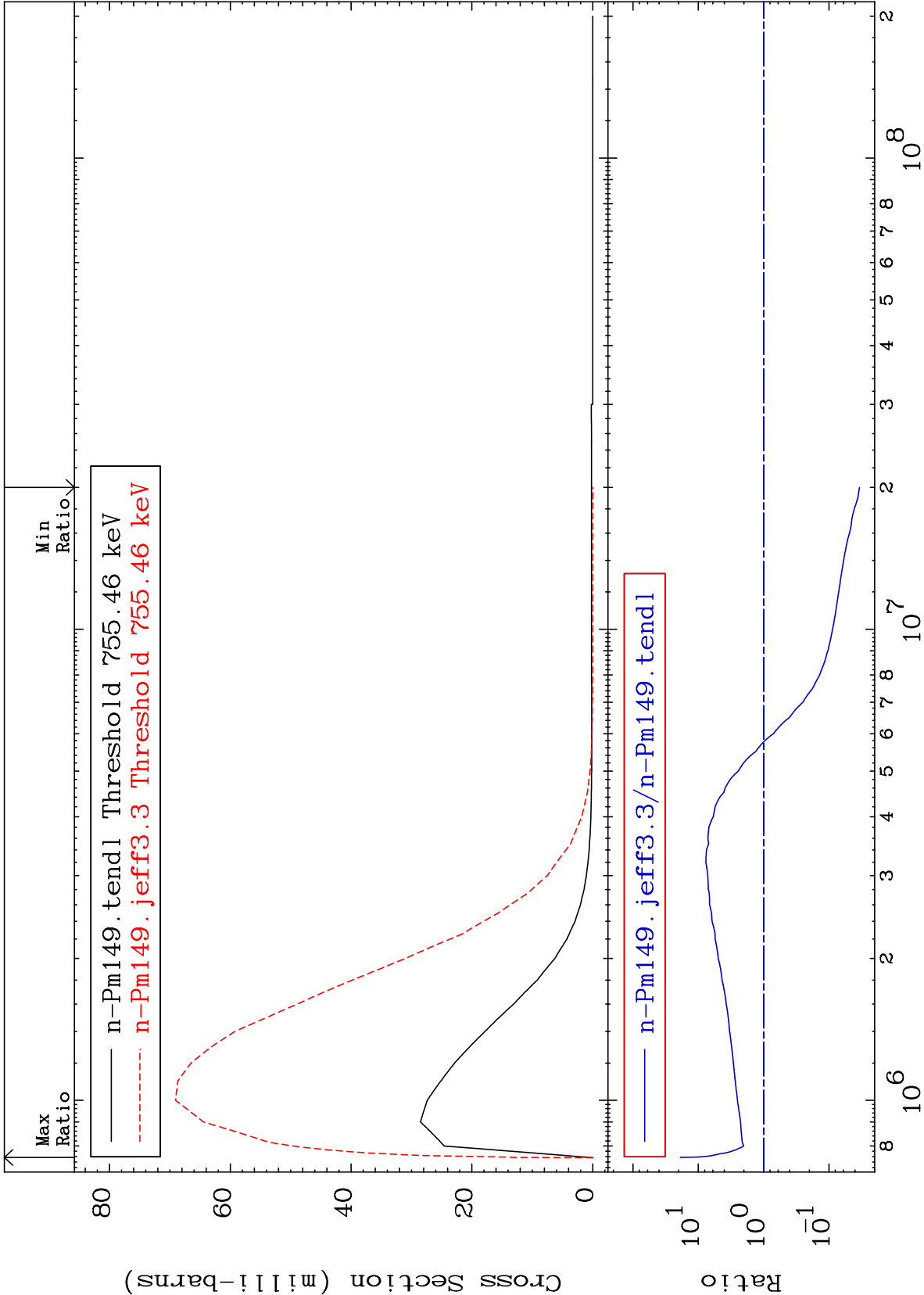




MAT 6155

MT= 77 (n,n') Level  
Cross Section

61-Pm-149  
-96.58 To 1784. %



38

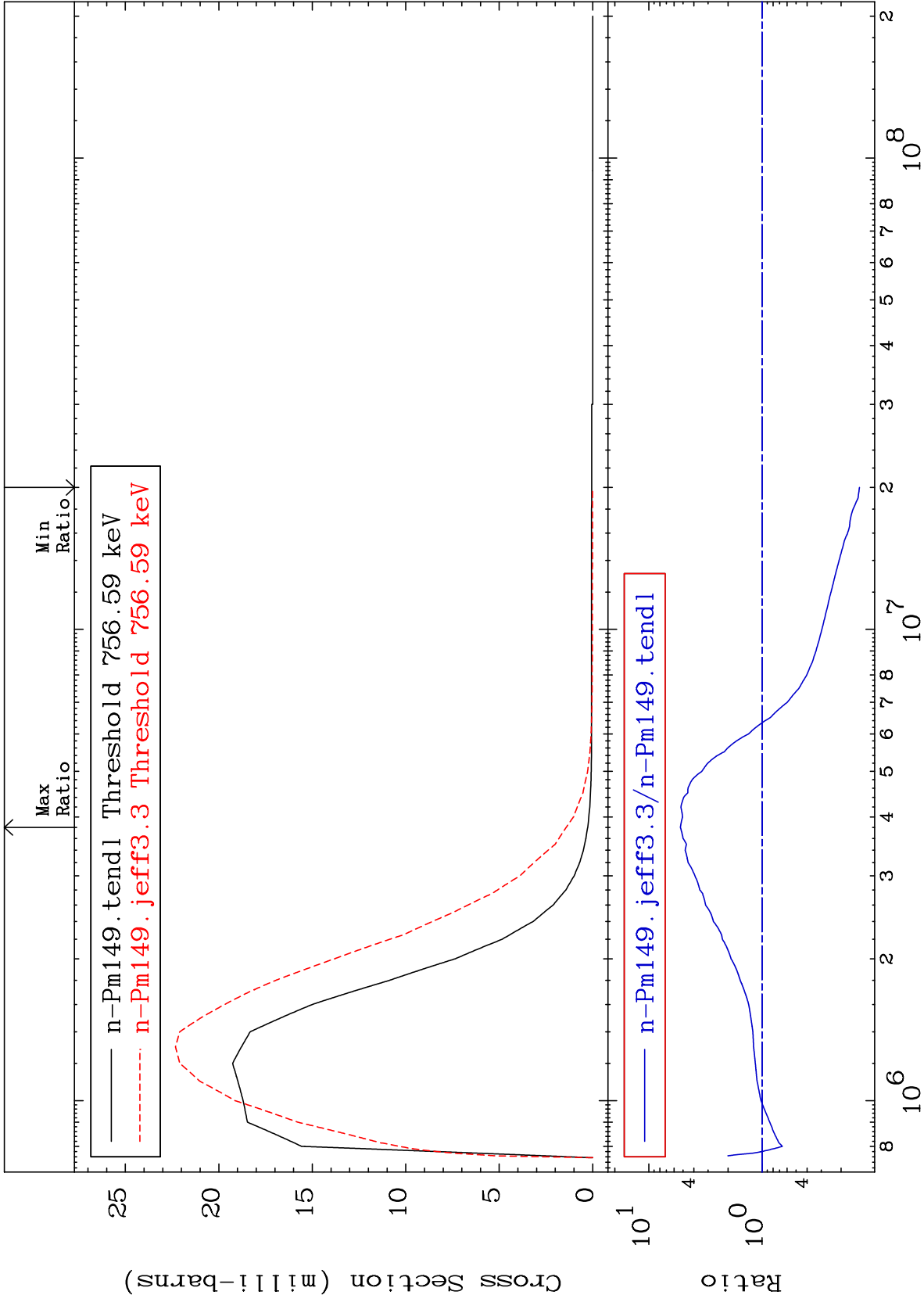
Incident Energy (eV)

61-Pm-149

MAT 6155

MT= 78 (n,n') Level  
Cross Section

61-Pm-149  
-86.22 To 427.3 %



39

Incident Energy (eV)

61-Pm-149

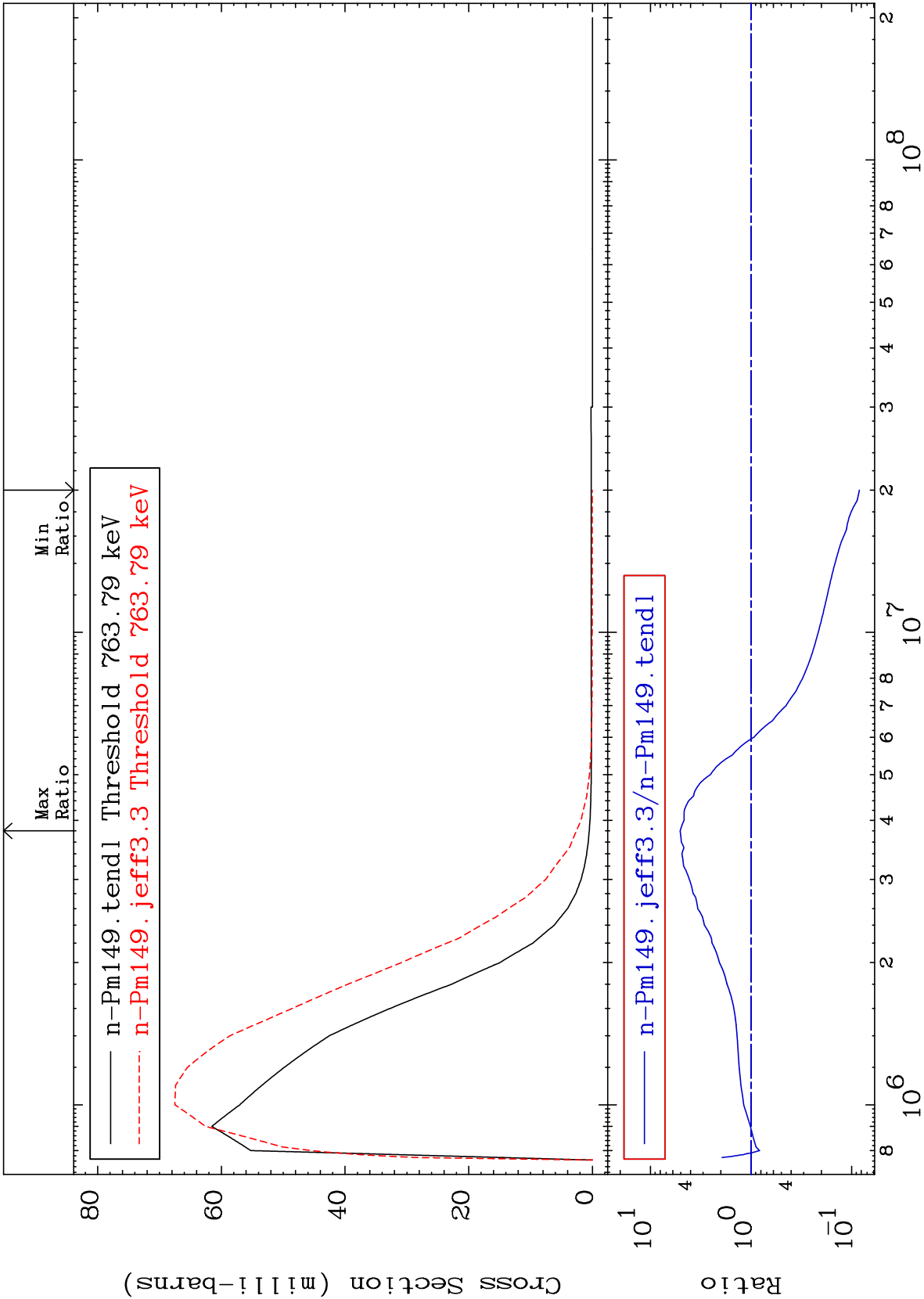
MAT 6155

MT= 79 (n,n') Level

61-Pm-149

-91.64 To 407.5 %

Cross Section



40

Incident Energy (eV)

61-Pm-149

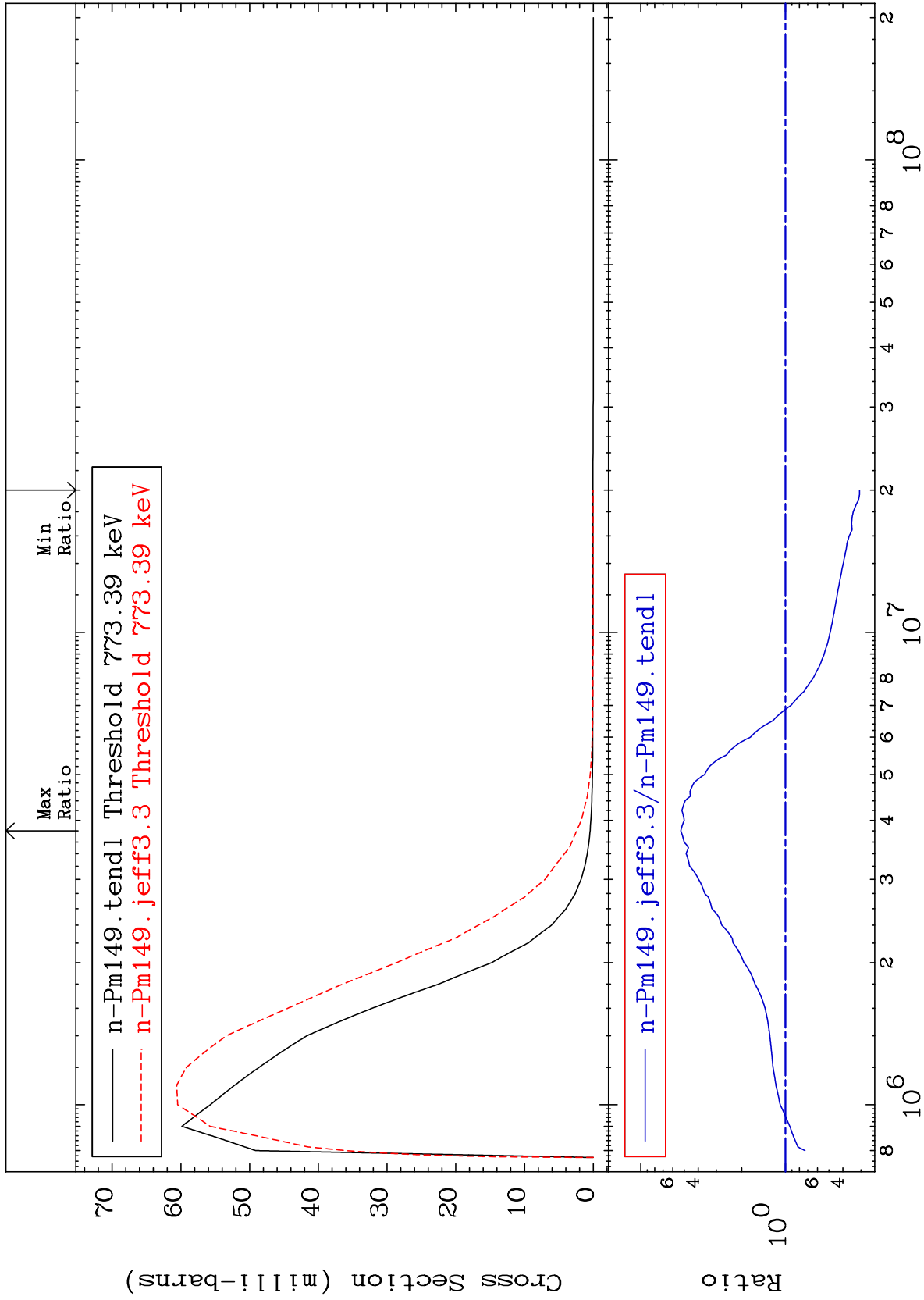
MAT 6155

MT= 80 (n,n') Level

61-Pm-149

-69.30 To 428.1 %

Cross Section



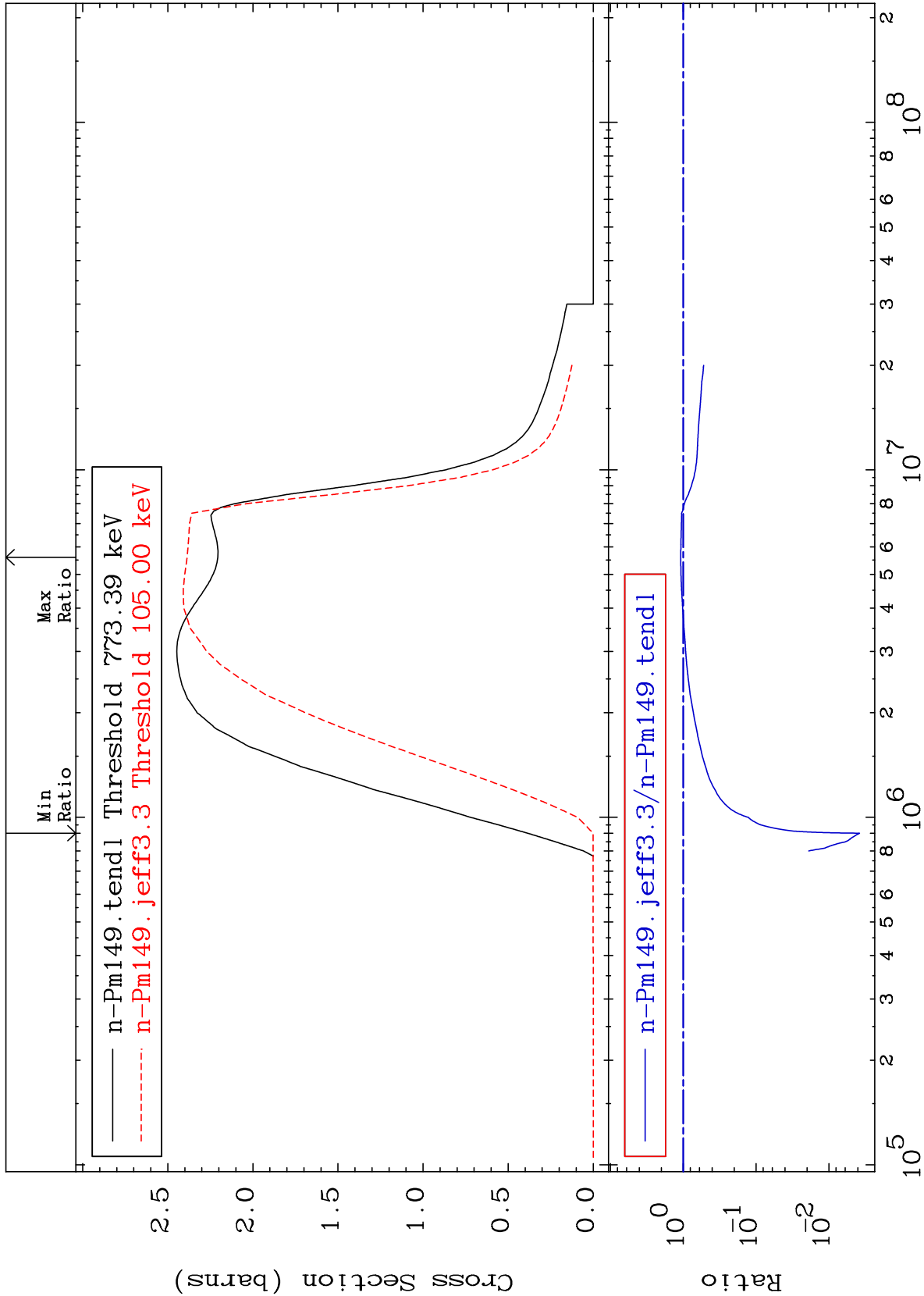
41

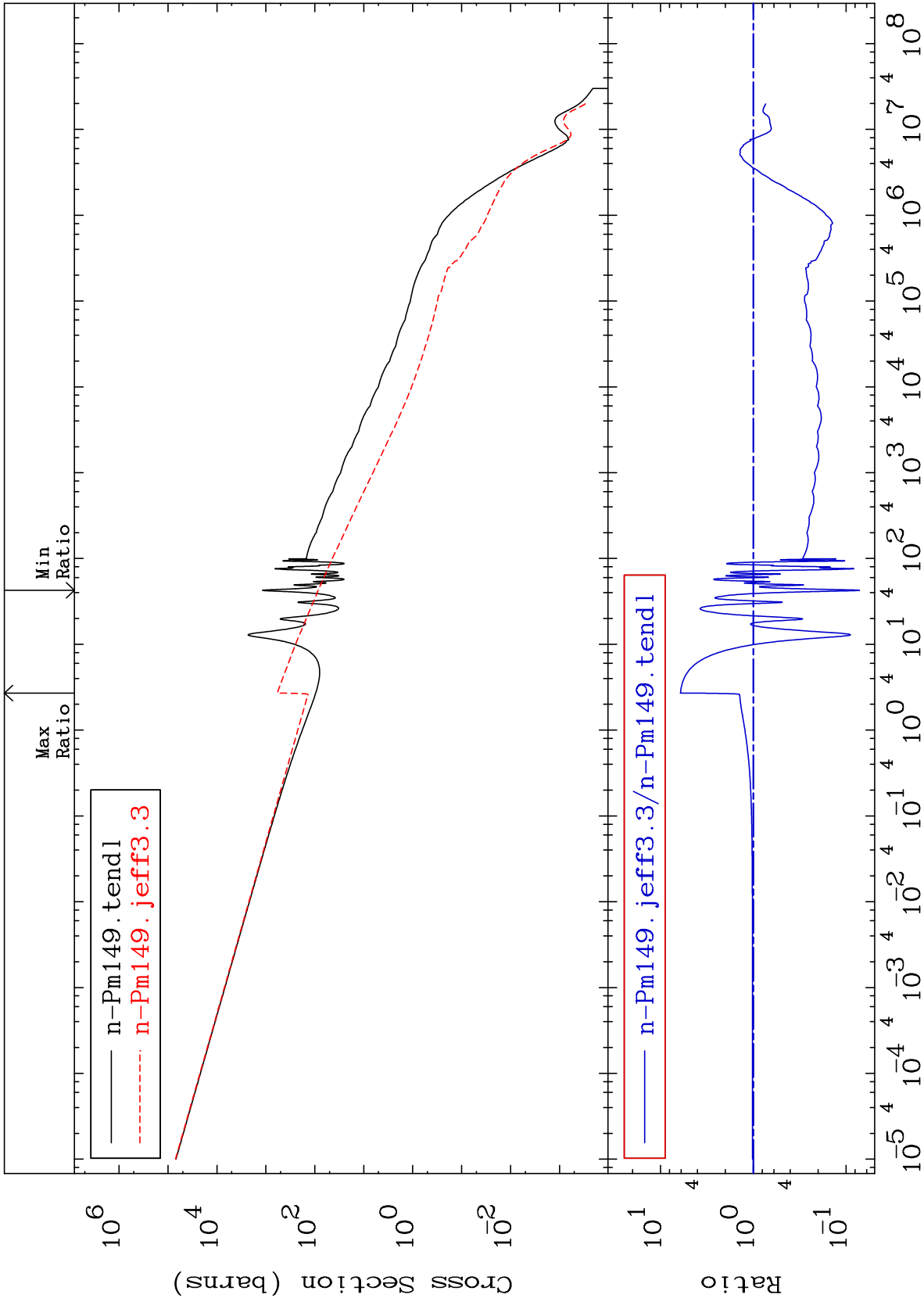
Incident Energy (eV)

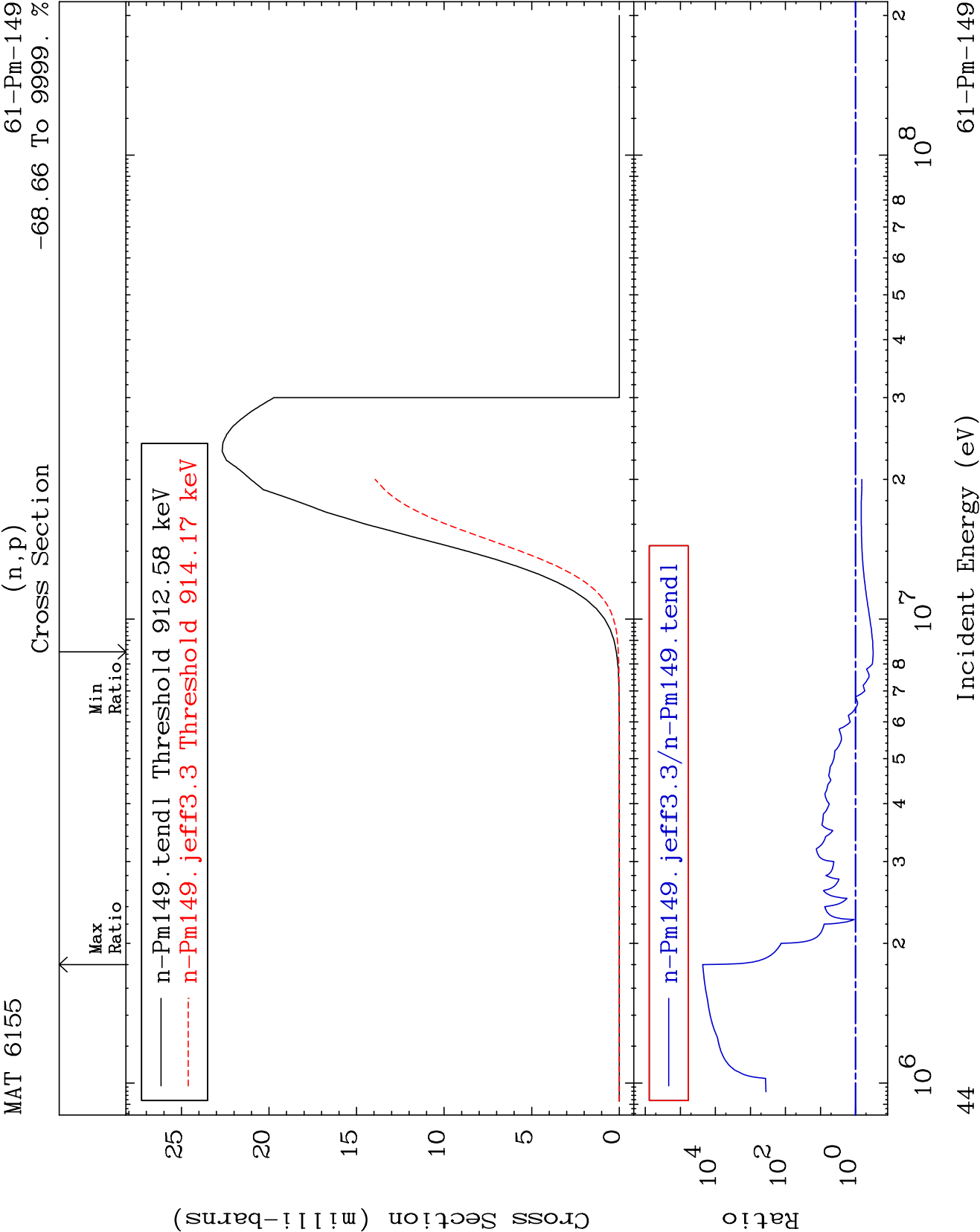
61-Pm-149

(n,n') Continuum  
Cross Section

-99.62 To 8.202 %

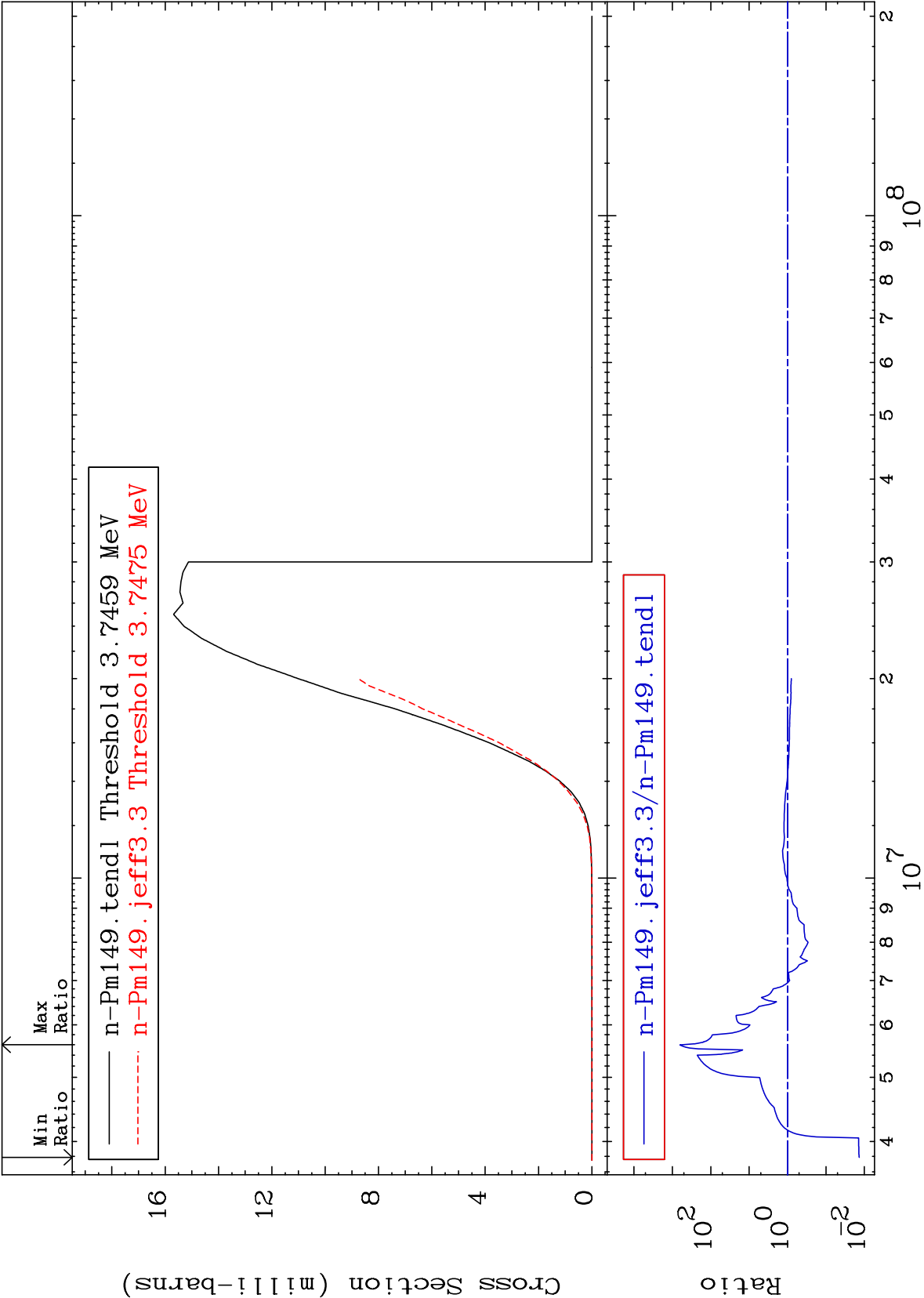




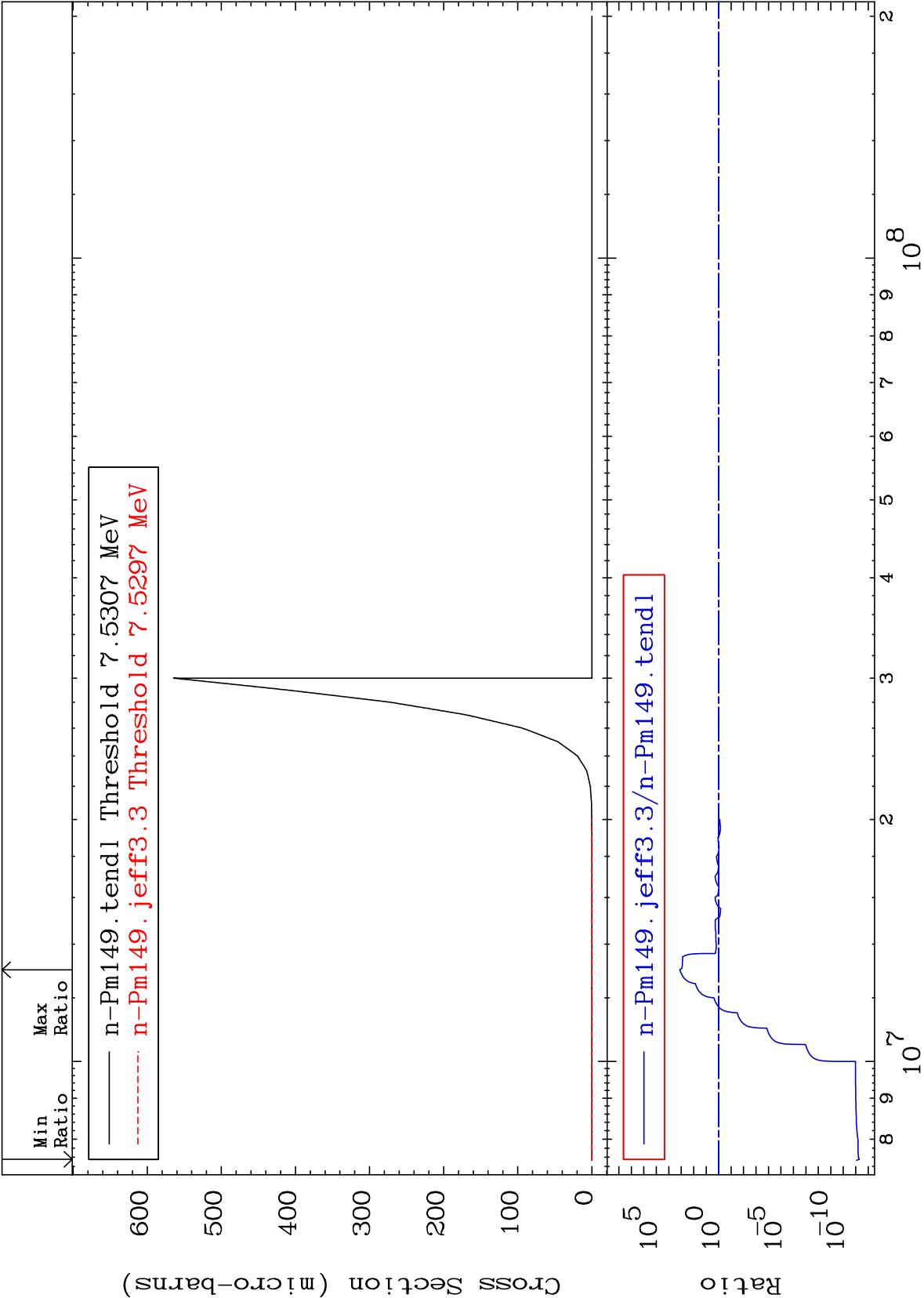


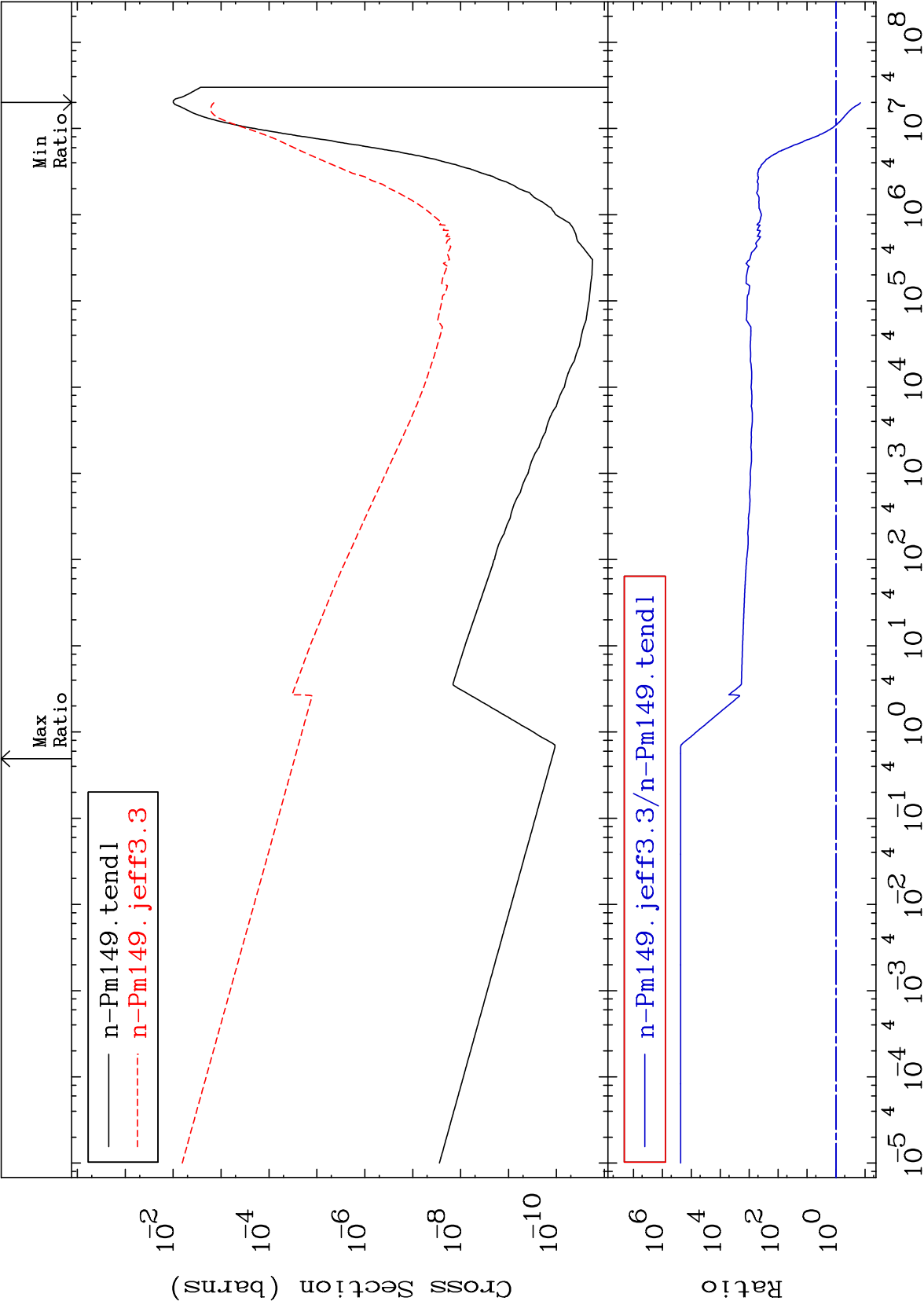
(n,d)  
Cross Section

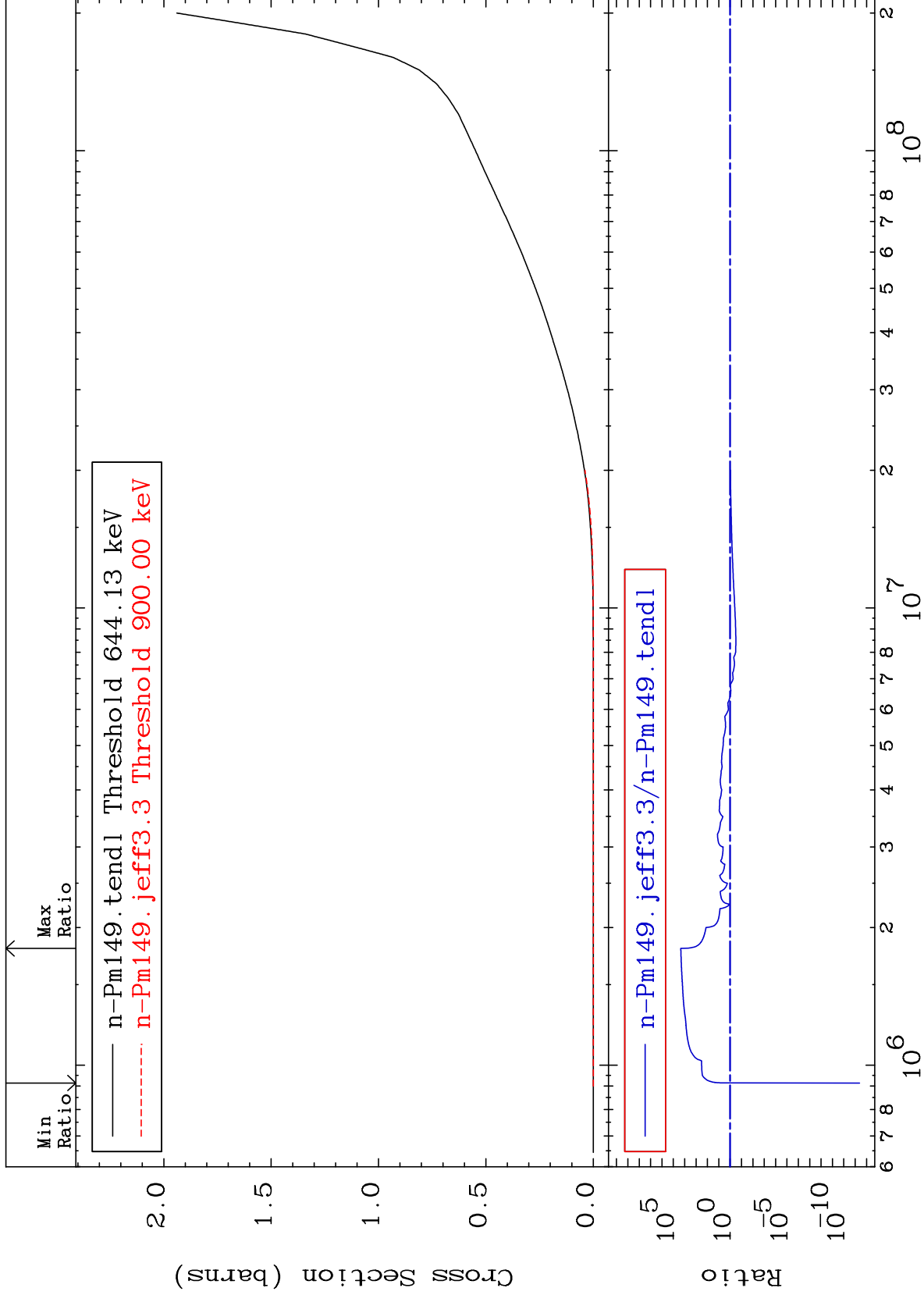
-98.64 To 9999. %







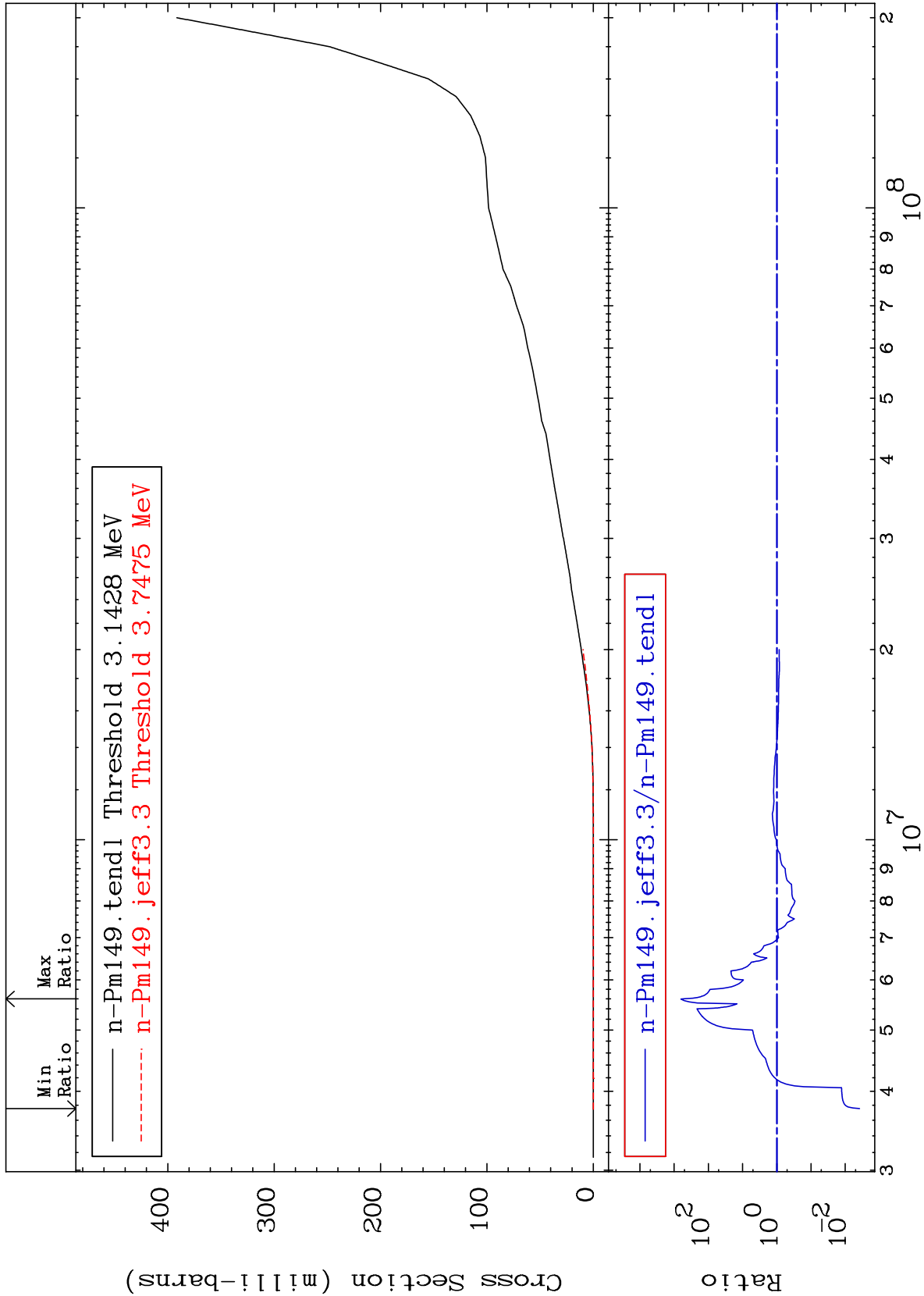




MAT 6155

Deuterium Production  
Cross Section

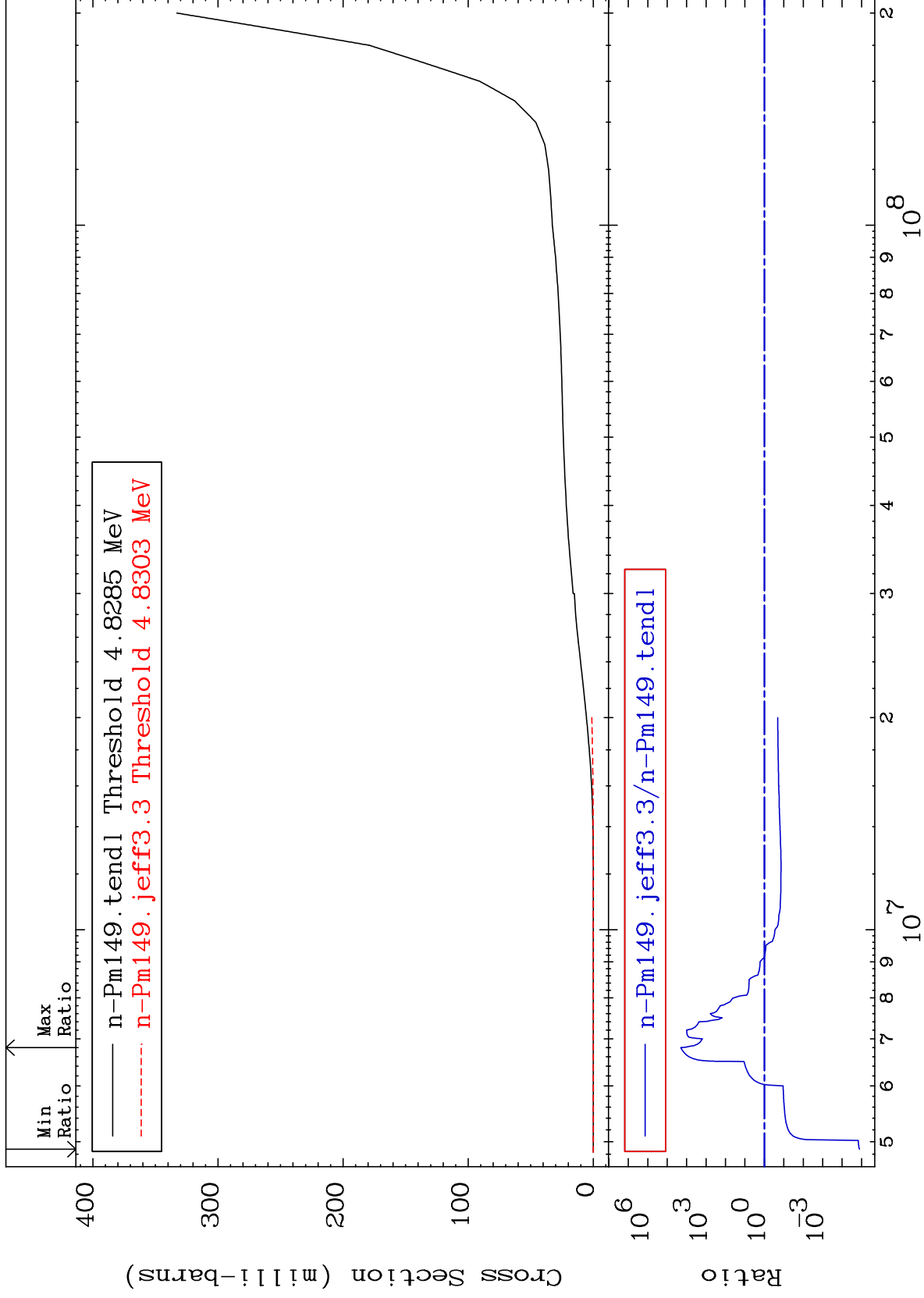
61-Pm-149  
-99.62 To 9999. %

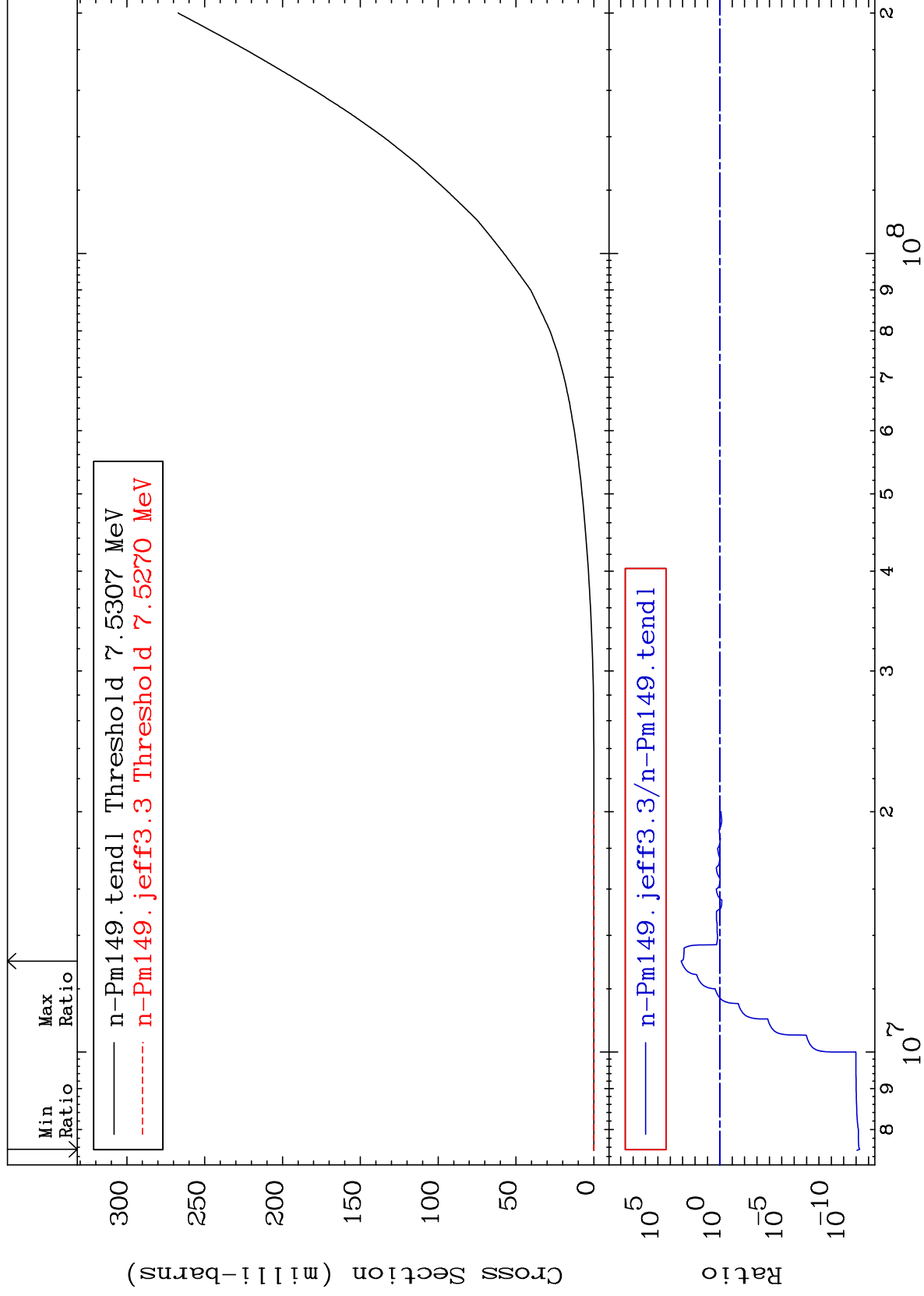


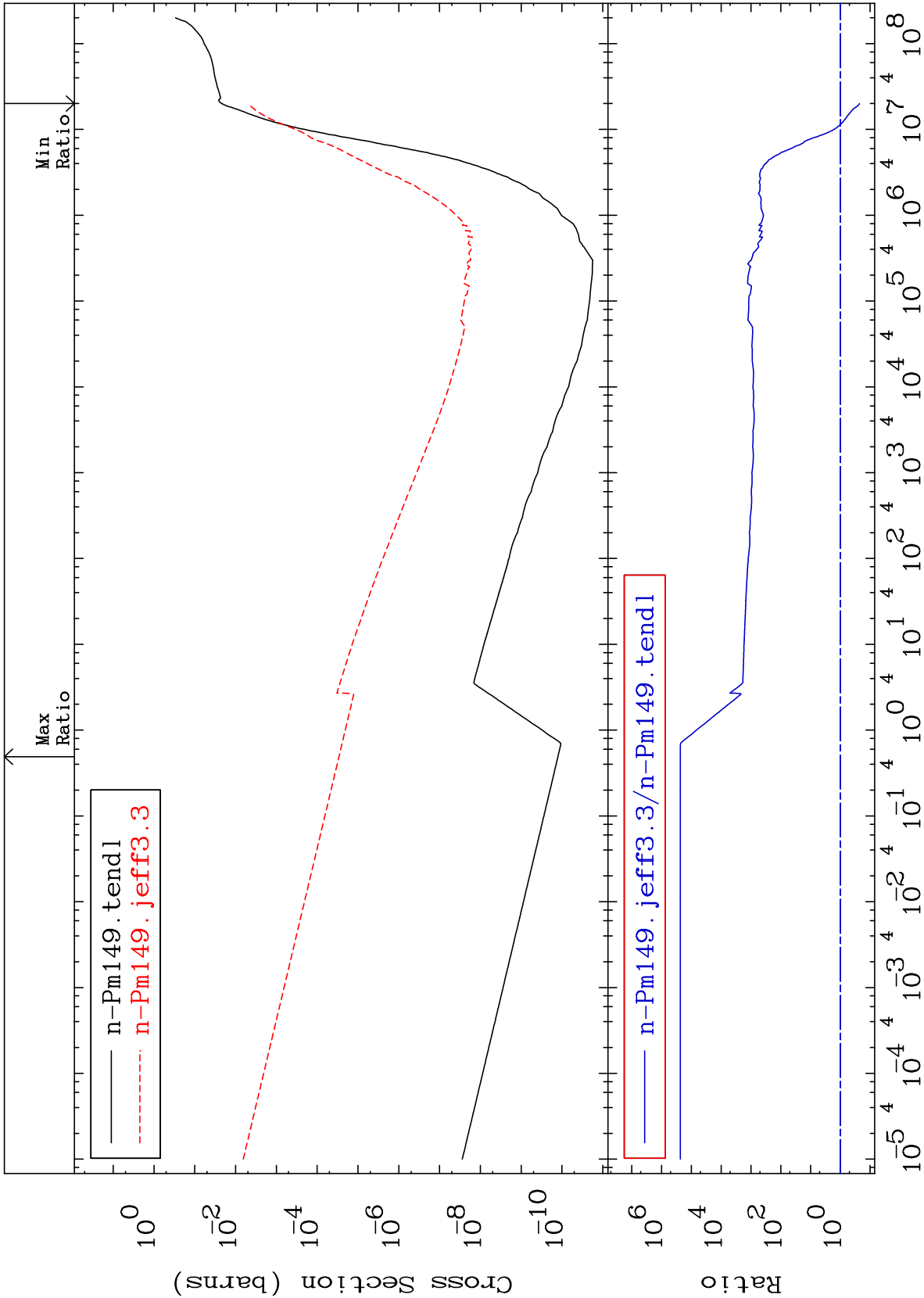
50

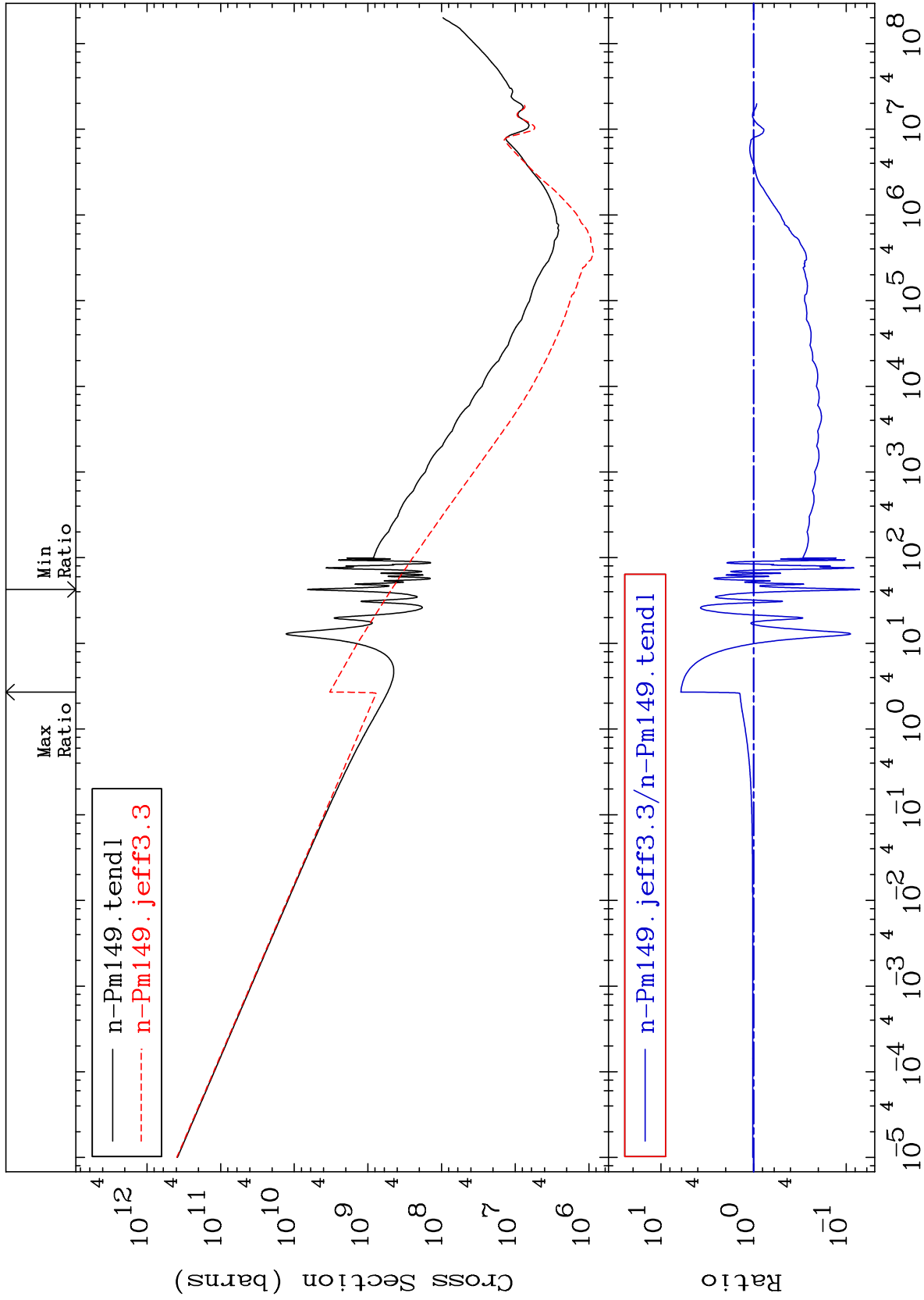
Incident Energy (eV)

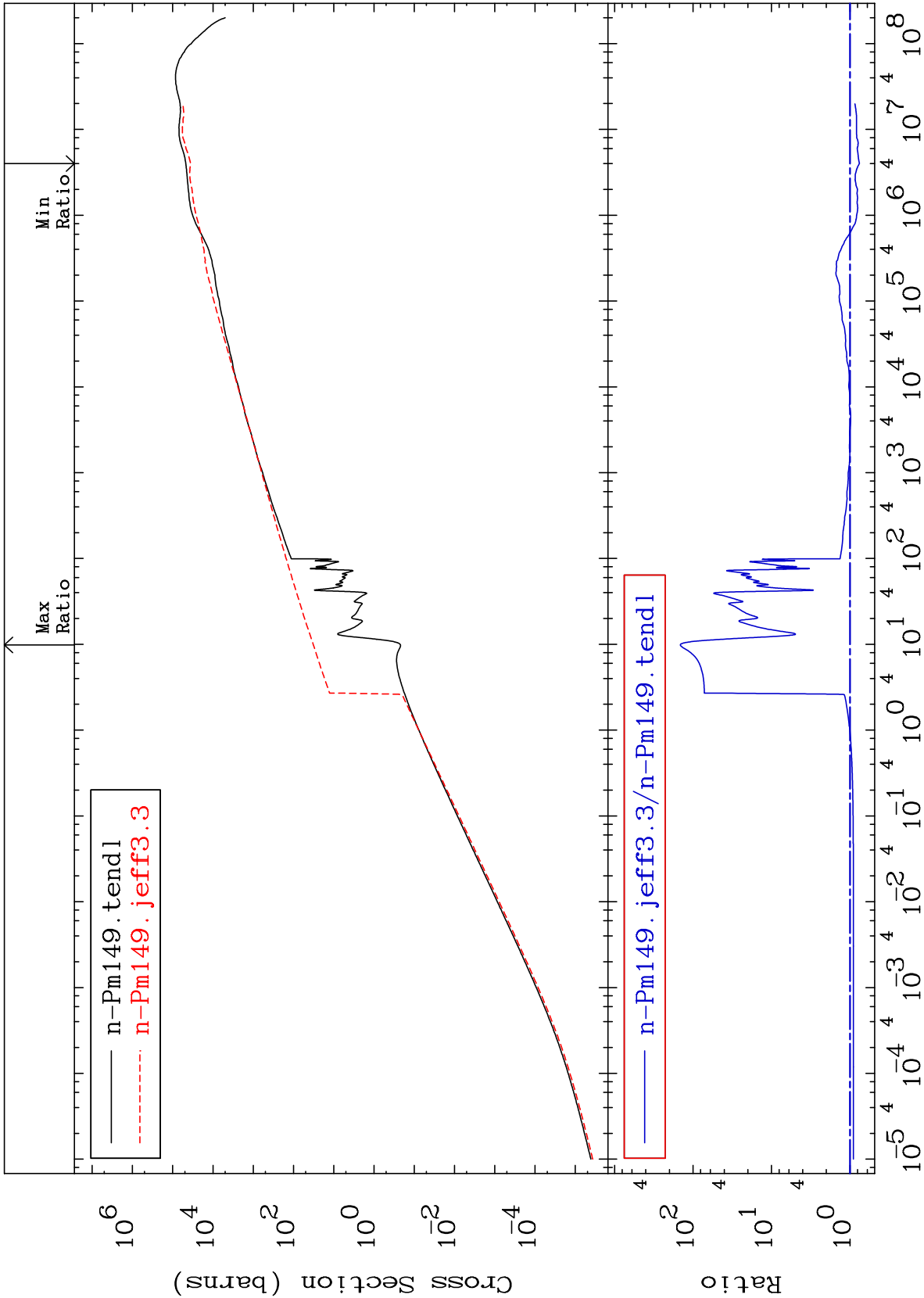
61-Pm-149

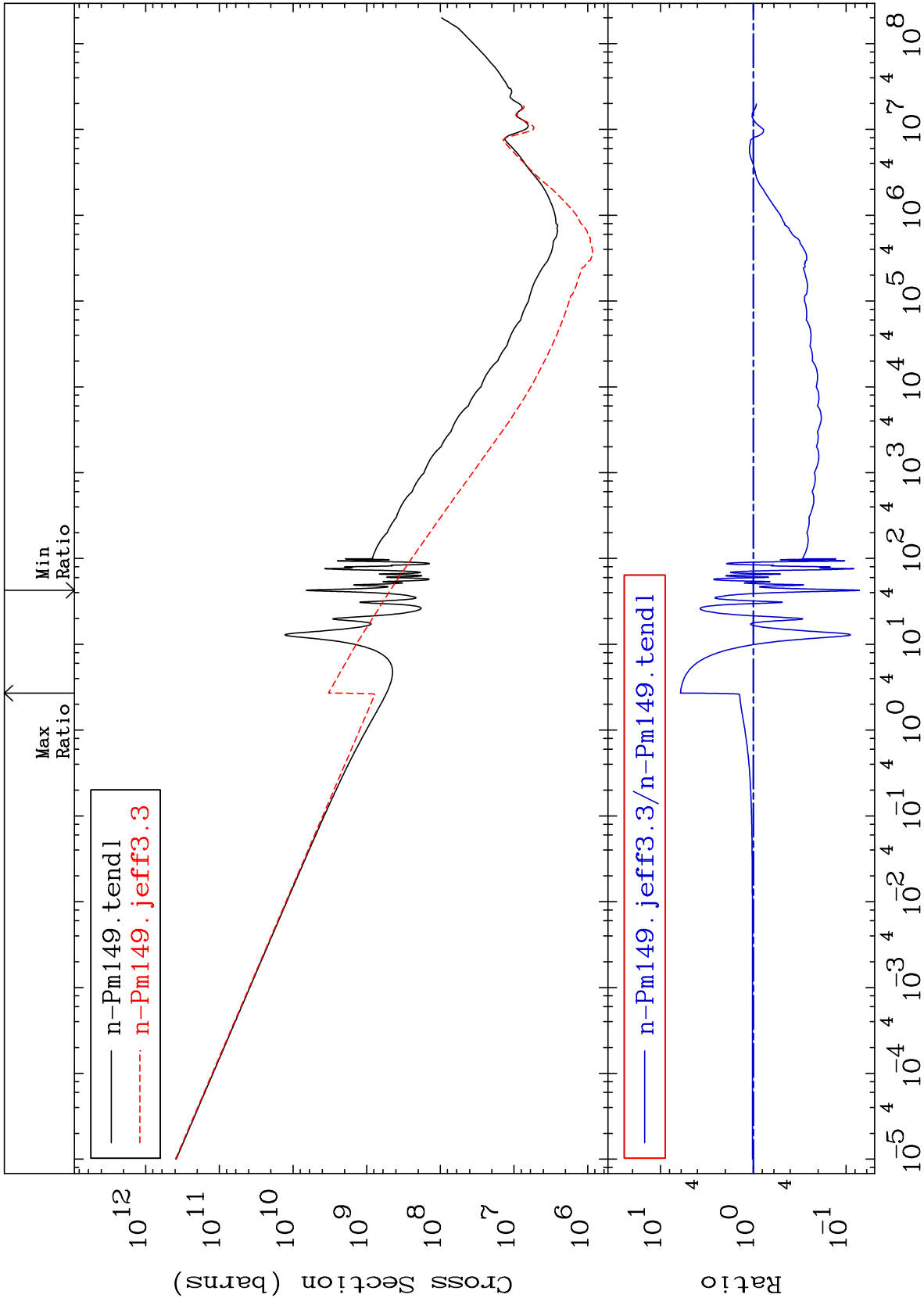


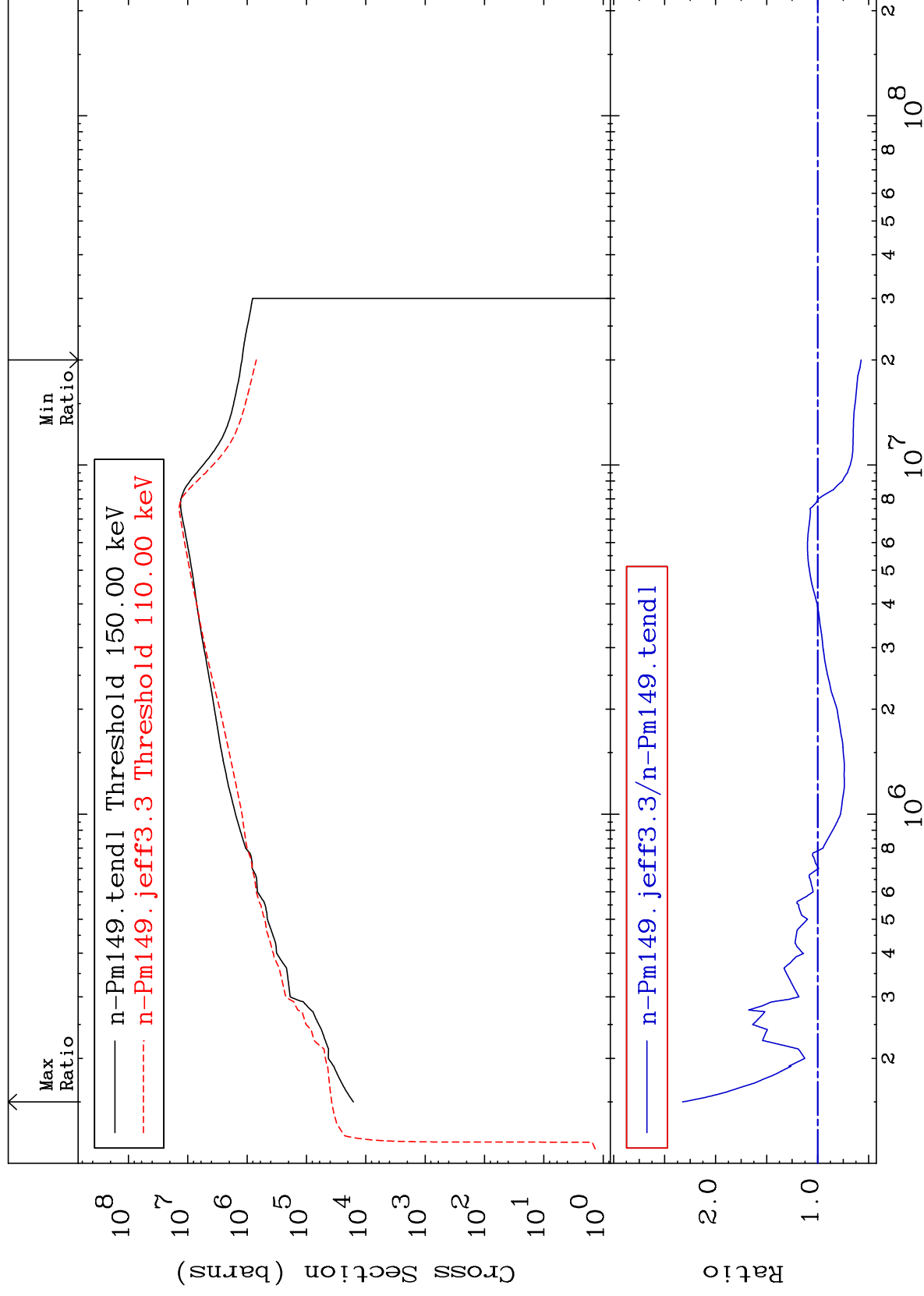


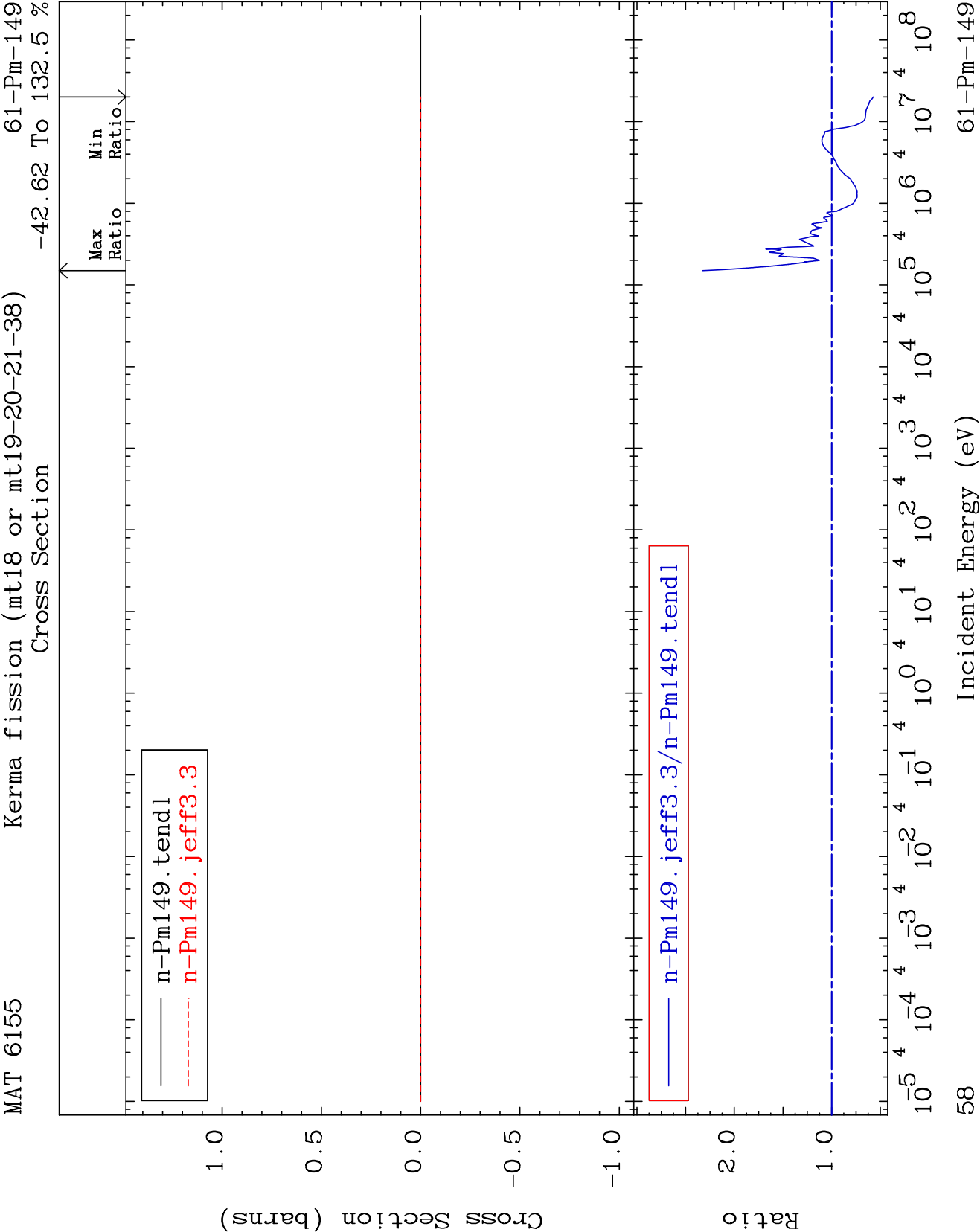


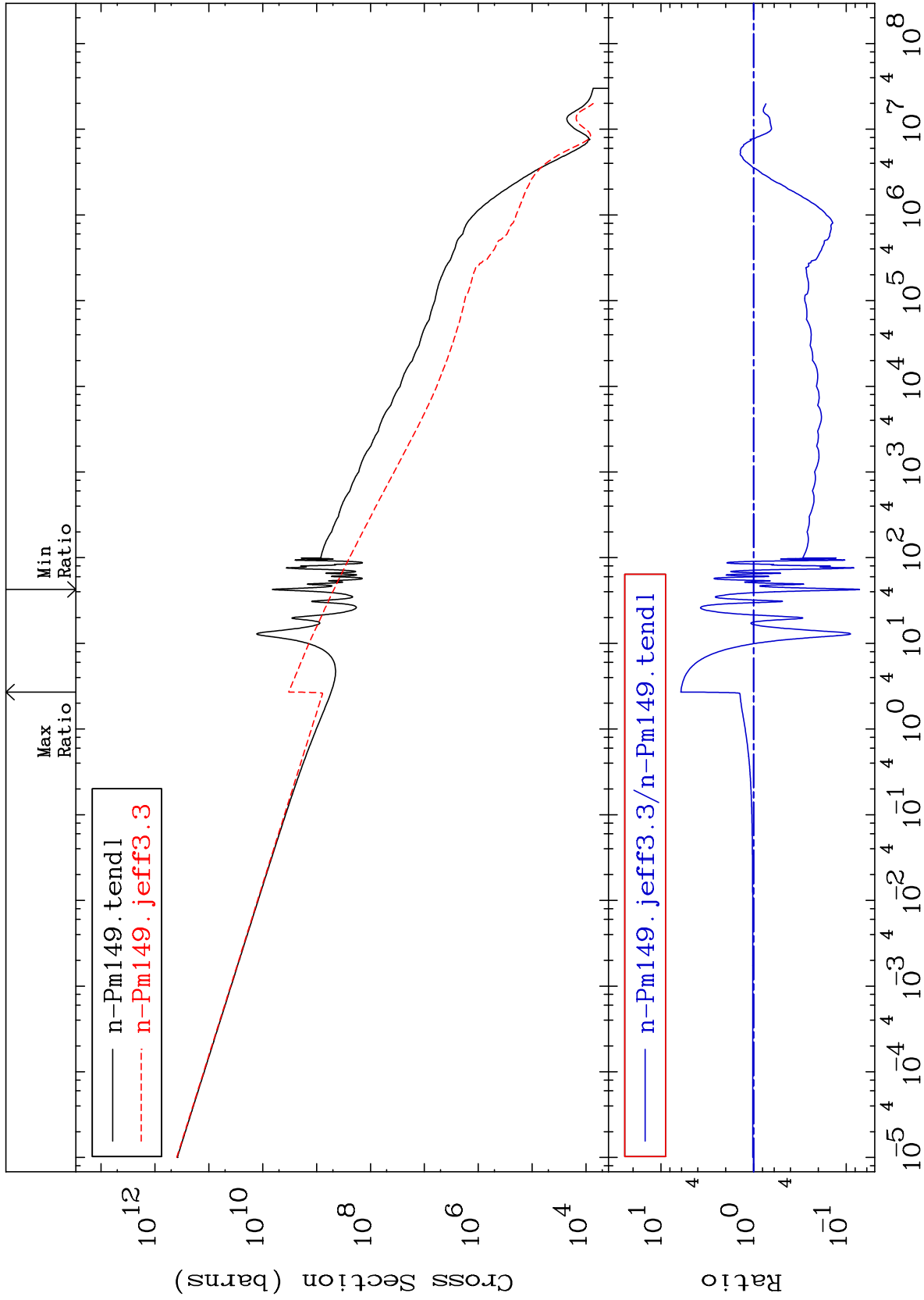










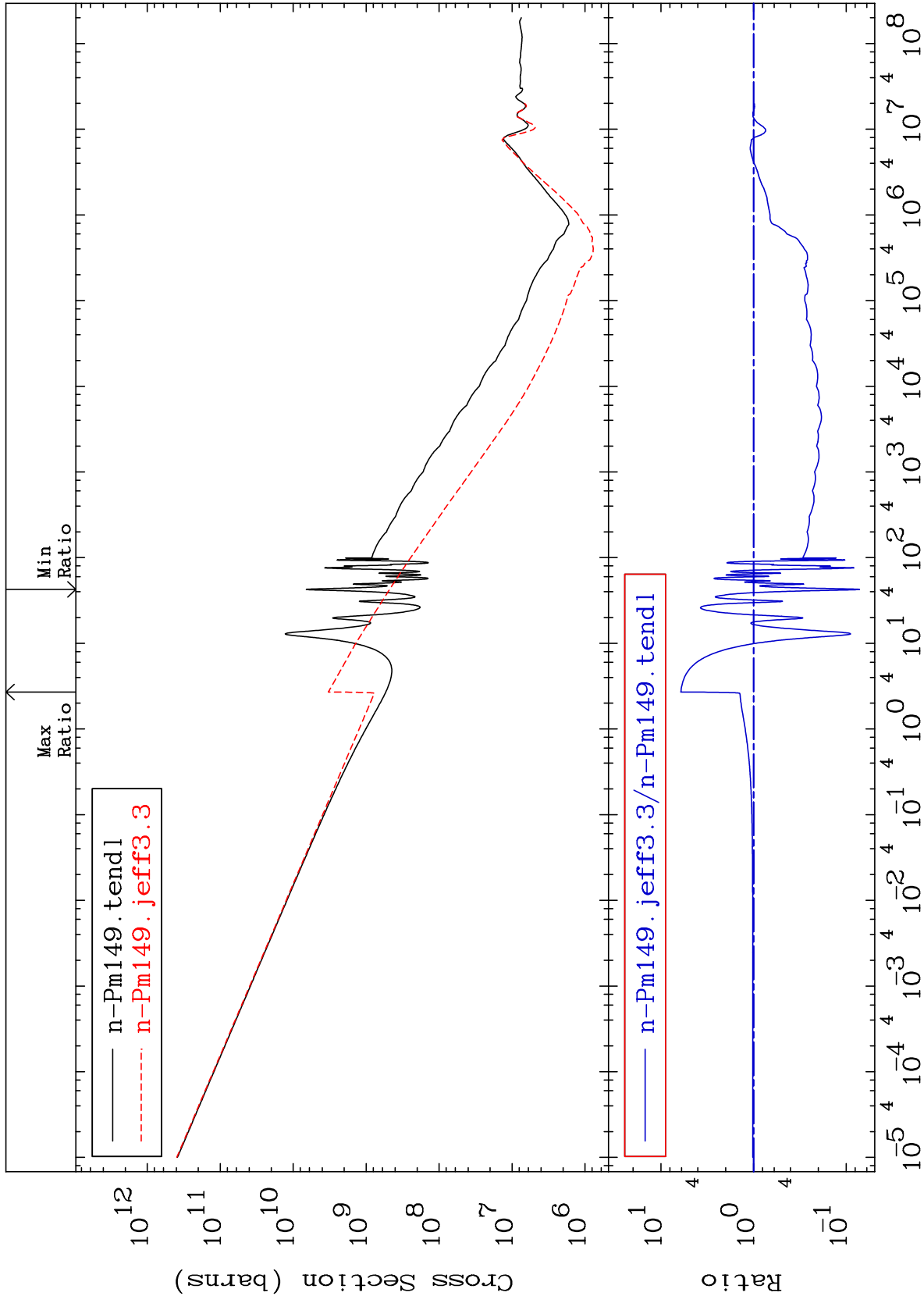


MAT 6155

Total photon (eV-barns)

61-Pm-149

-92.82 To 512.0 %



60

Incident Energy (eV)

61-Pm-149

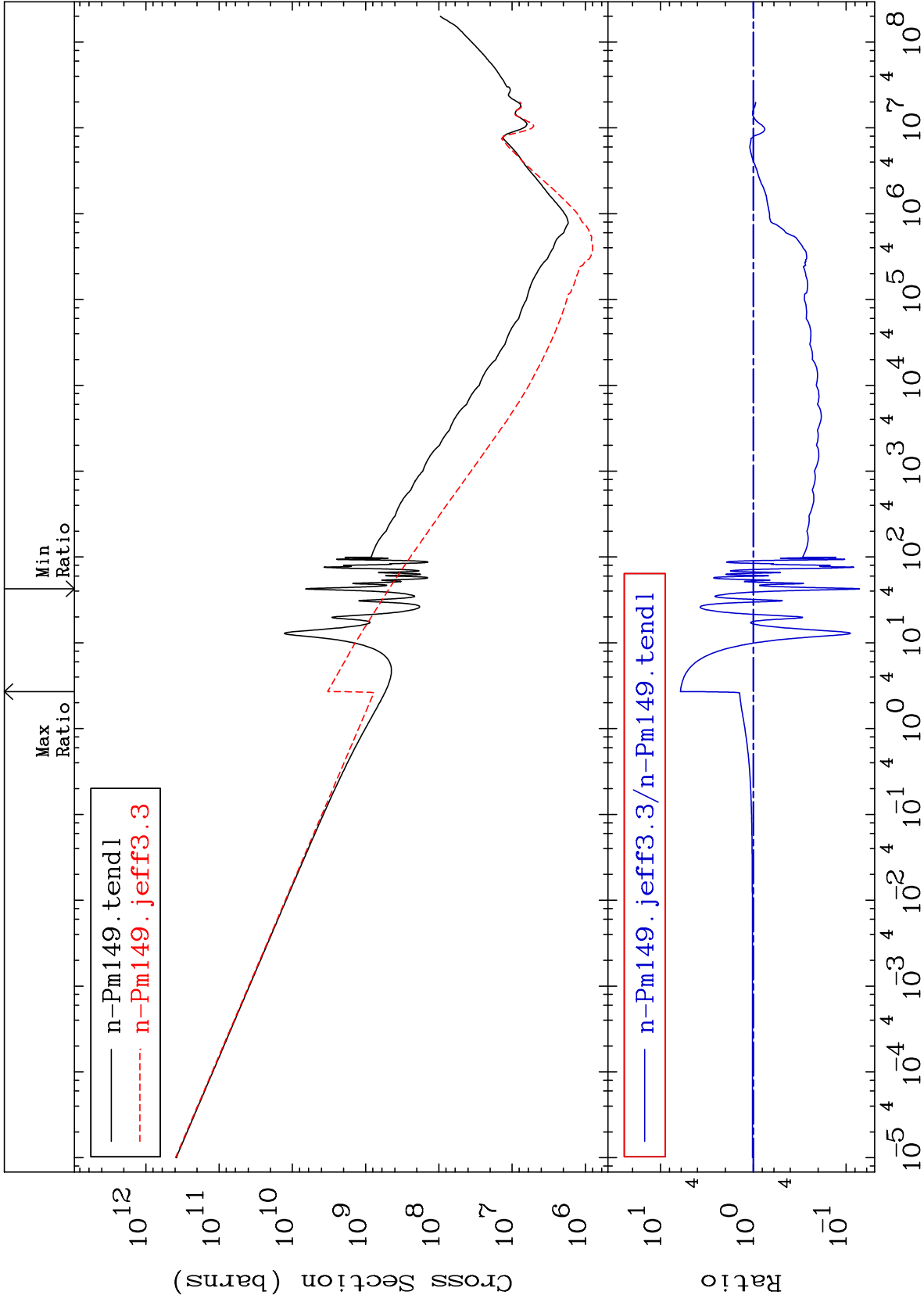
MAT 6155

Total kinematic kerma (high limit)

61-Pm-149

-92.82 To 512.0 %

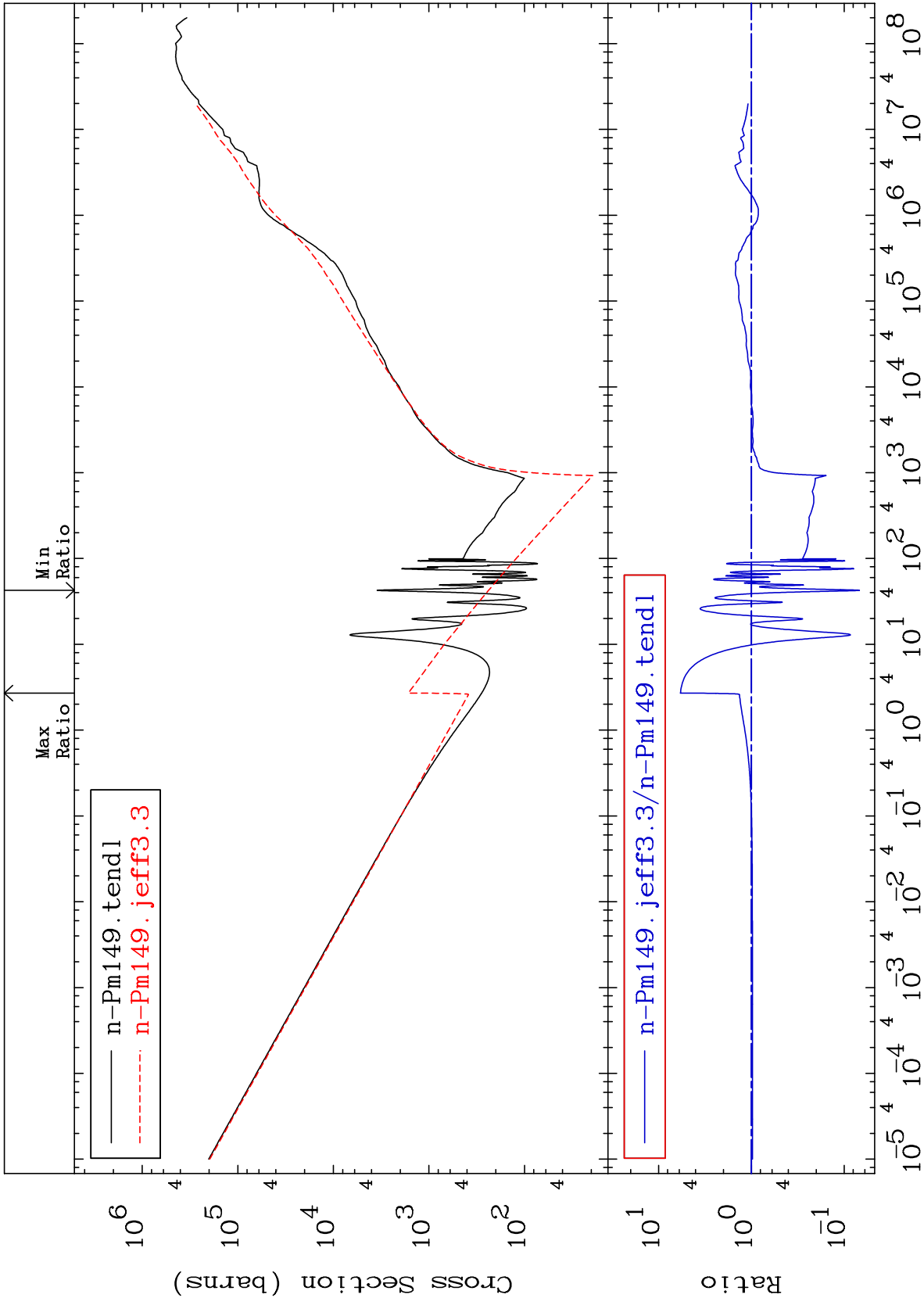
Cross Section

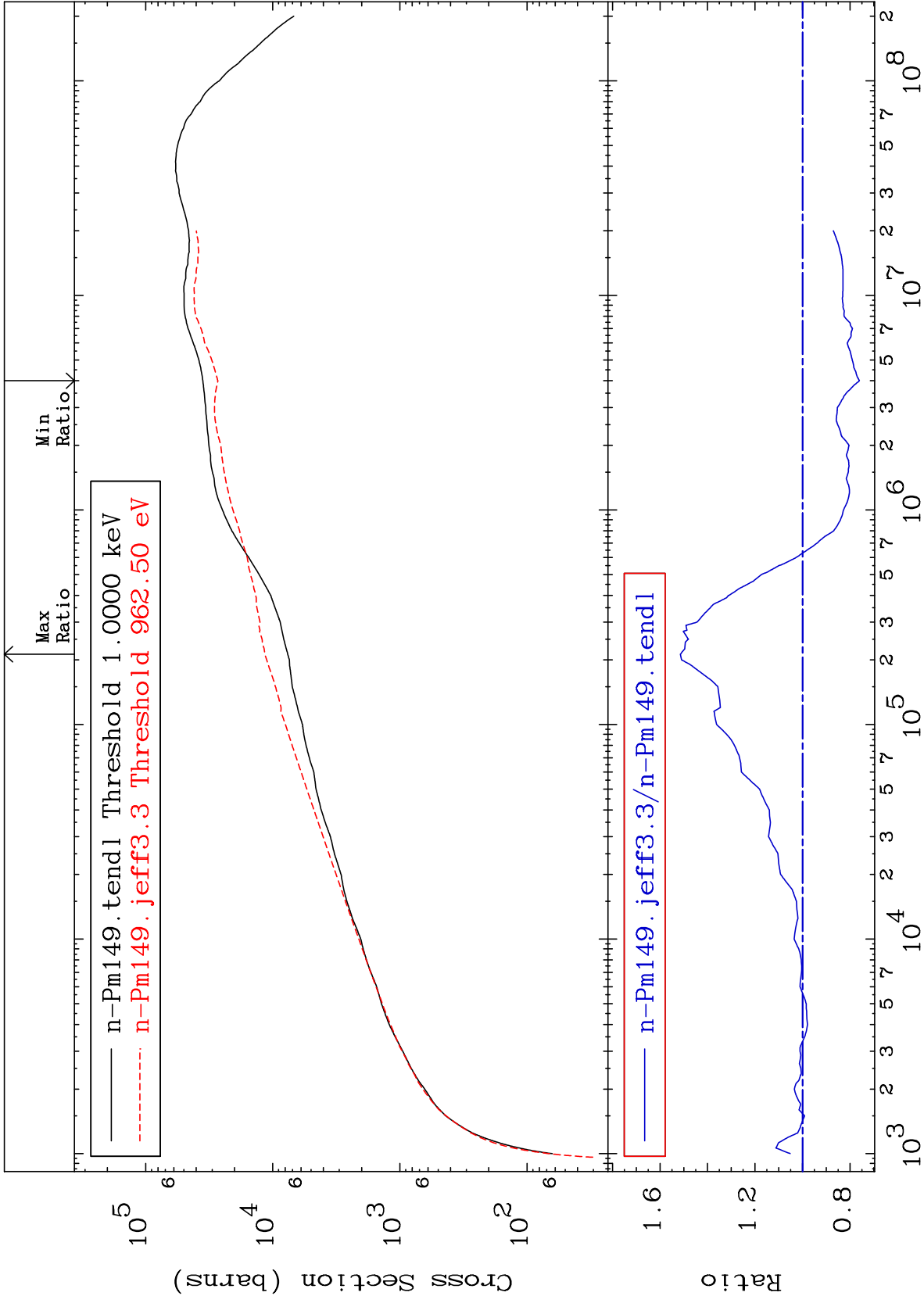


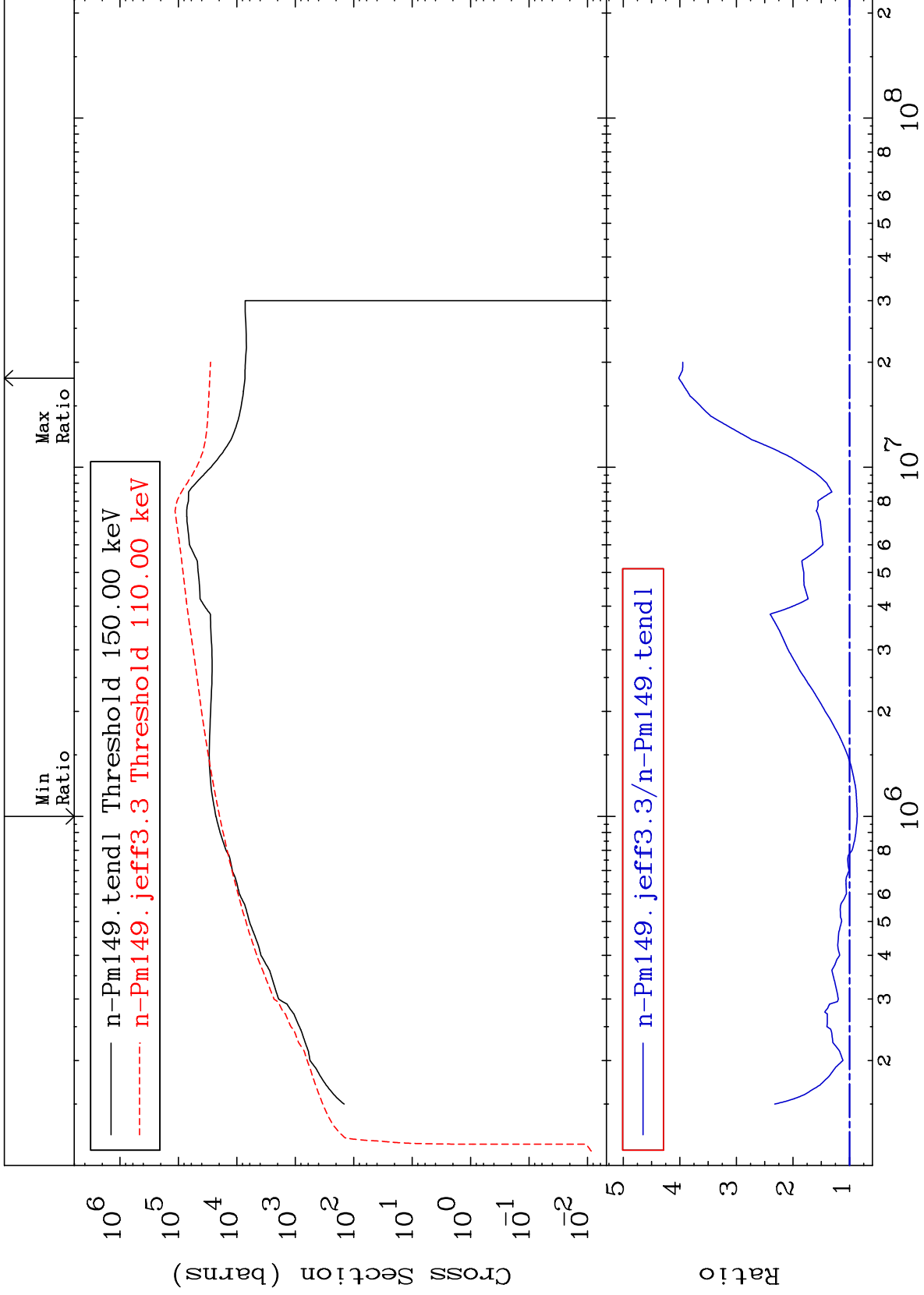
61

Incident Energy (eV)

61-Pm-149







Cross Section

-93.15 To 4962. %

