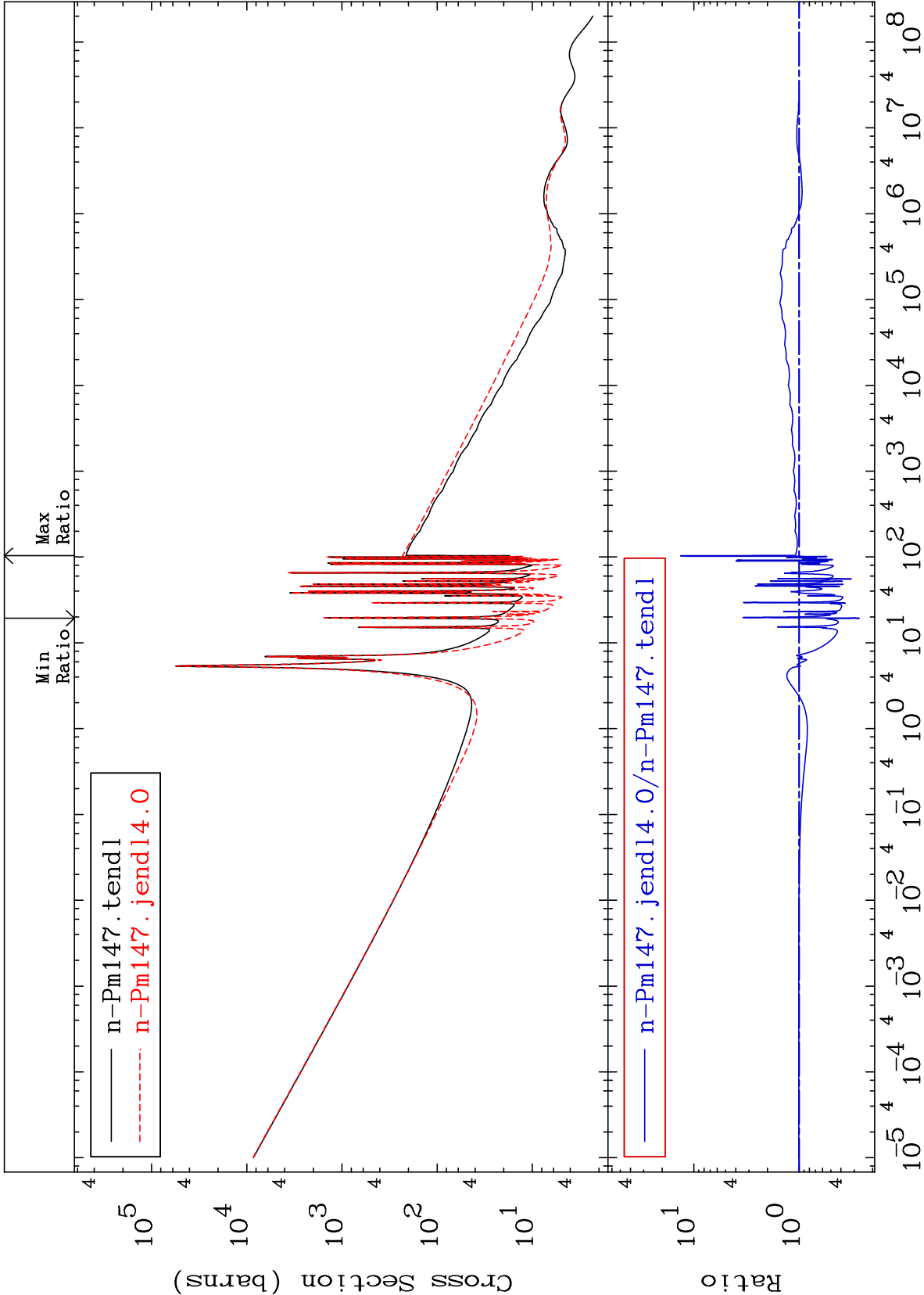


MAT 6149

61-Pm-147

-73.29 To 1244. %



Incident Energy (eV)

61-Pm-147

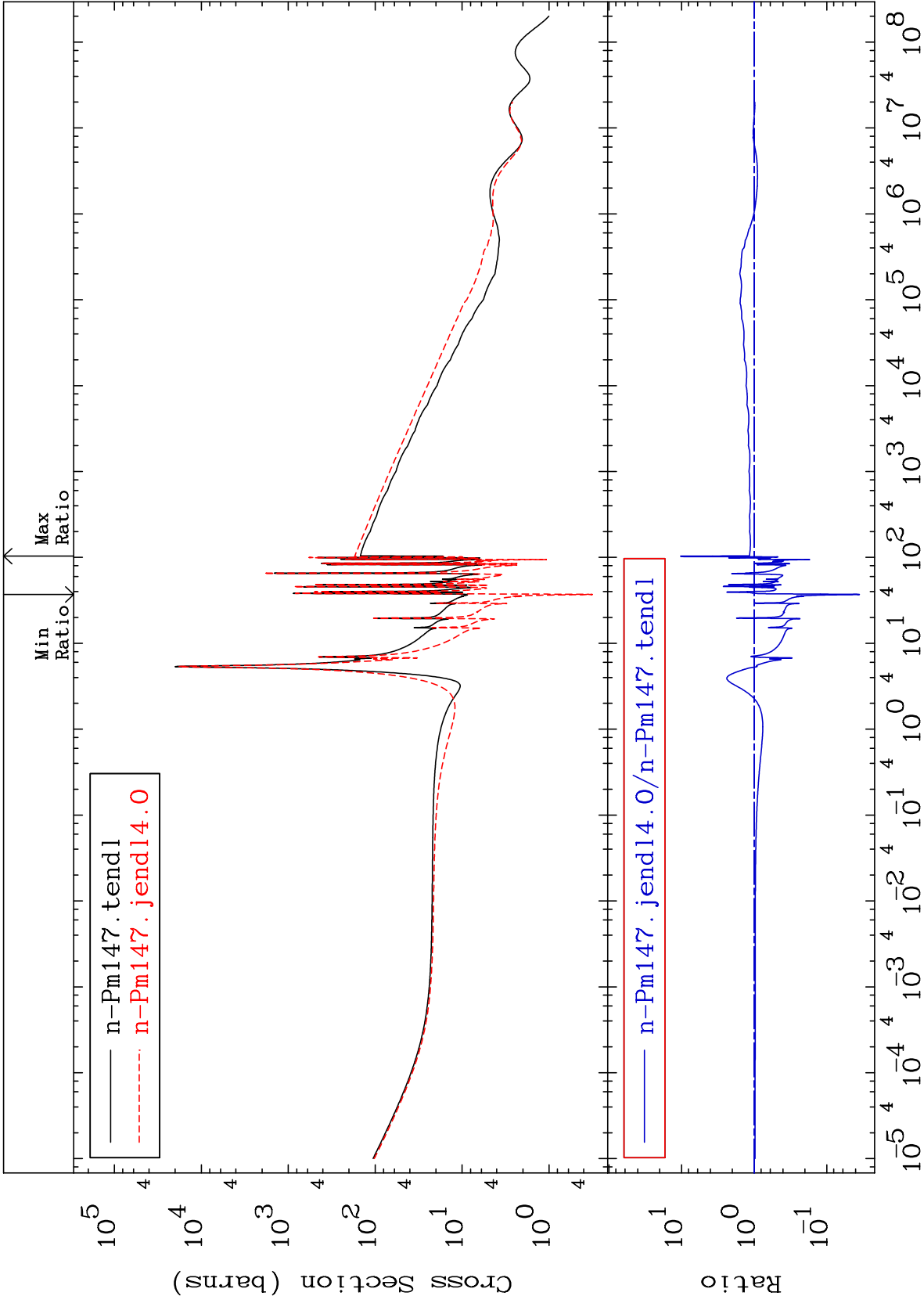
MAT 6149

Elastic

61-Pm-147

Cross Section

-96.45 To 943.2 %



Incident Energy (eV)

61-Pm-147

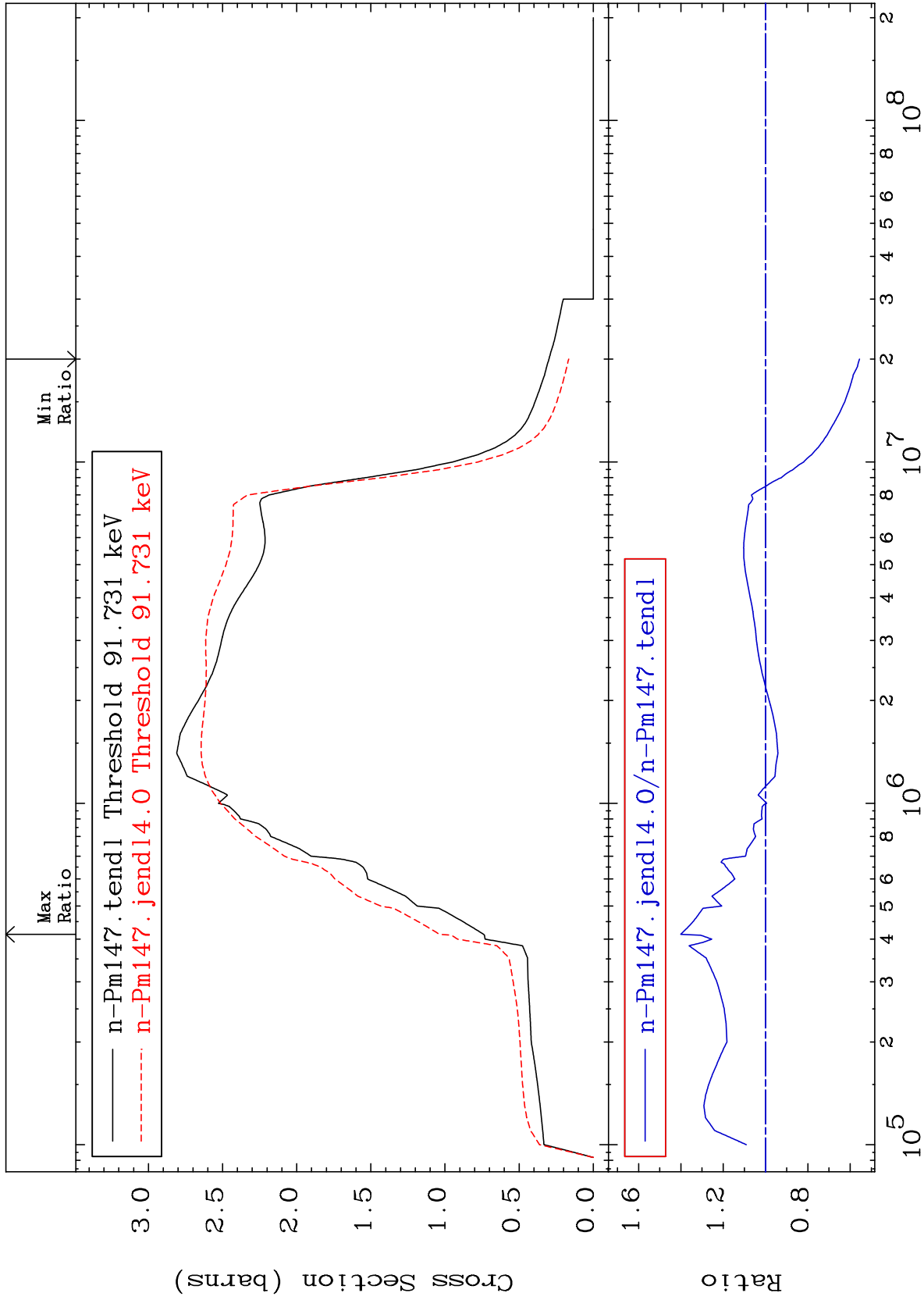
MAT 6149

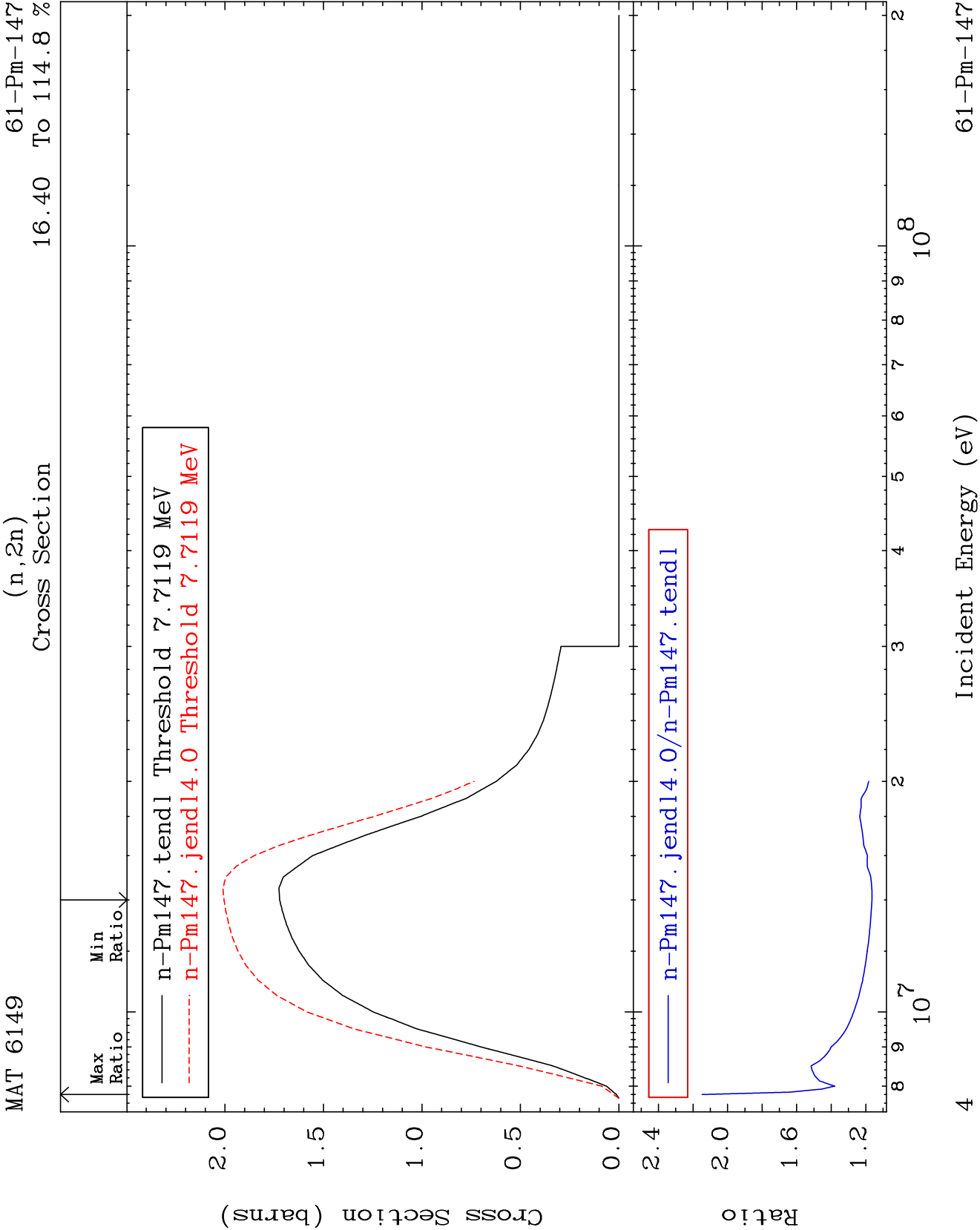
61-Pm-147

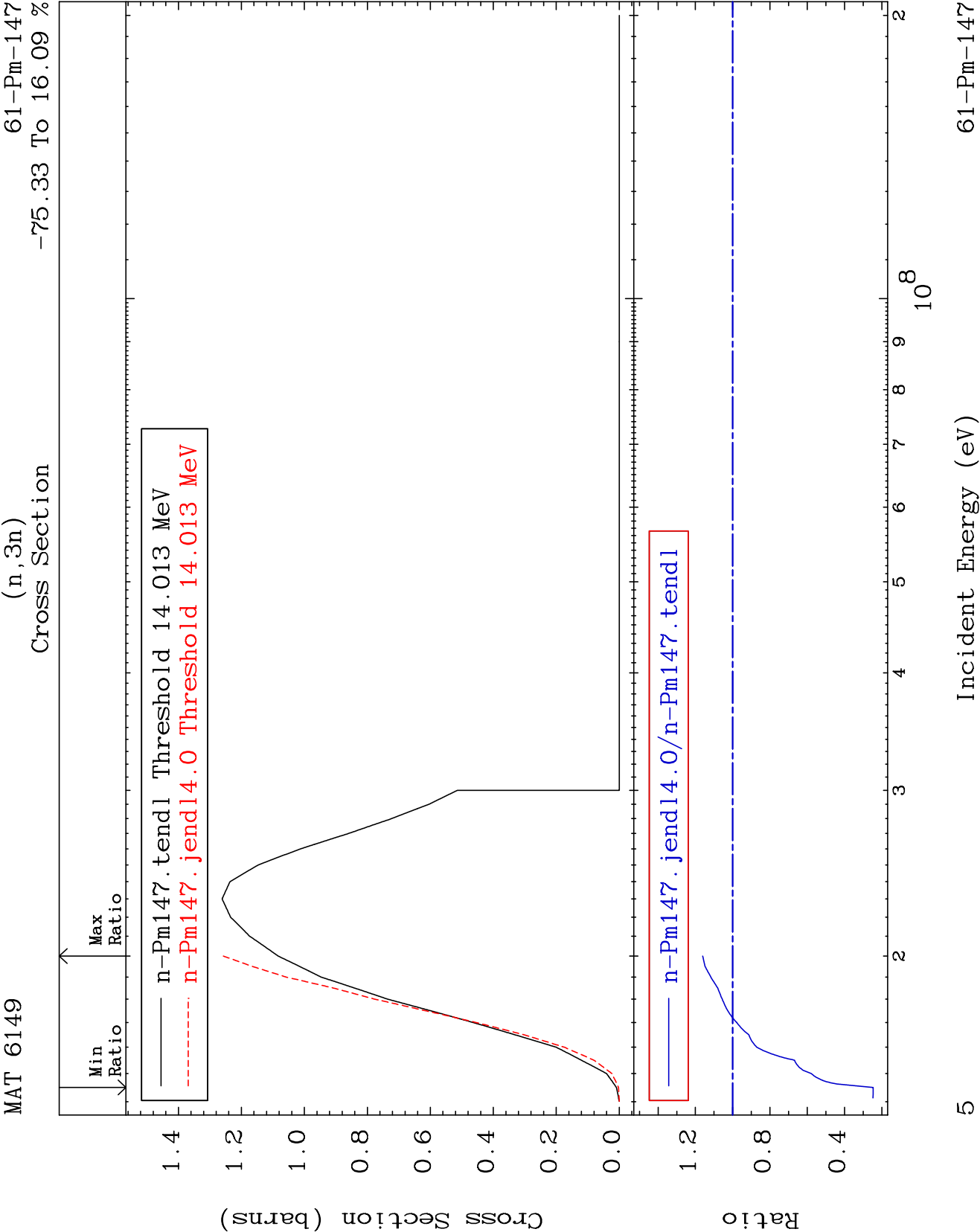
Inelastic

Cross Section

-44.43 To 40.06 %

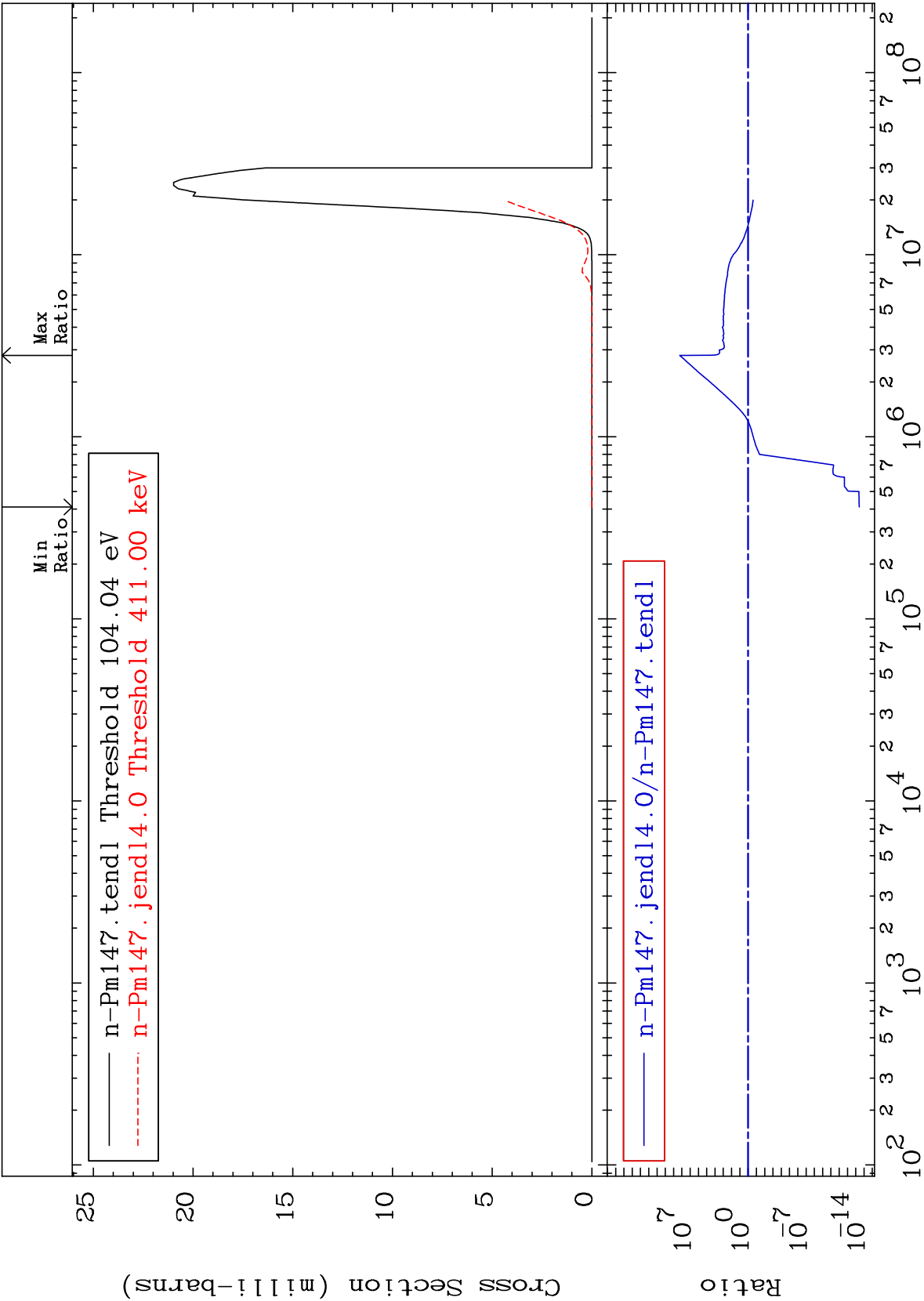






MAT 6149

$(n, n') \alpha$
Cross Section
61-Pm-147
-100.0 To 9999. %



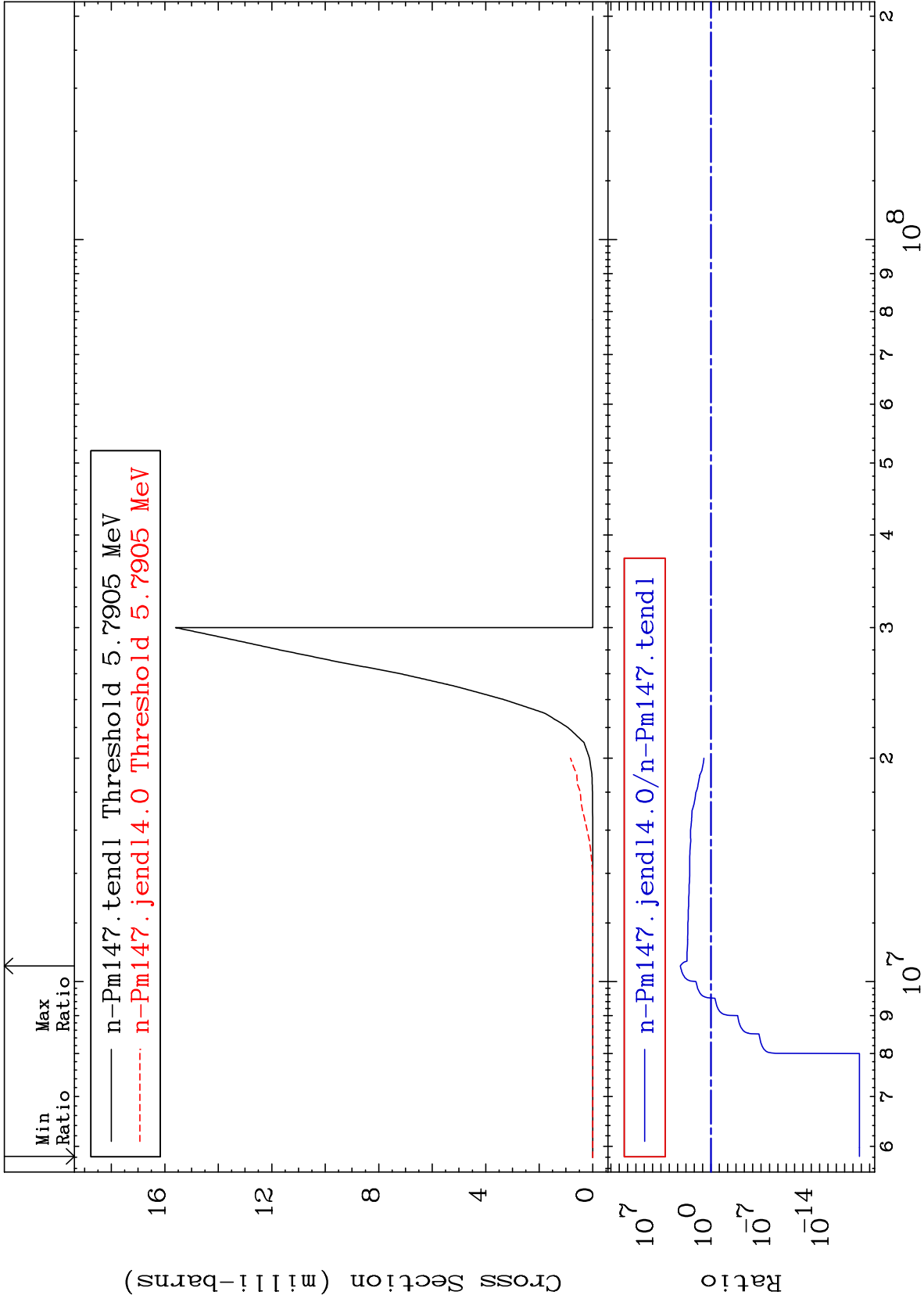
MAT 6149

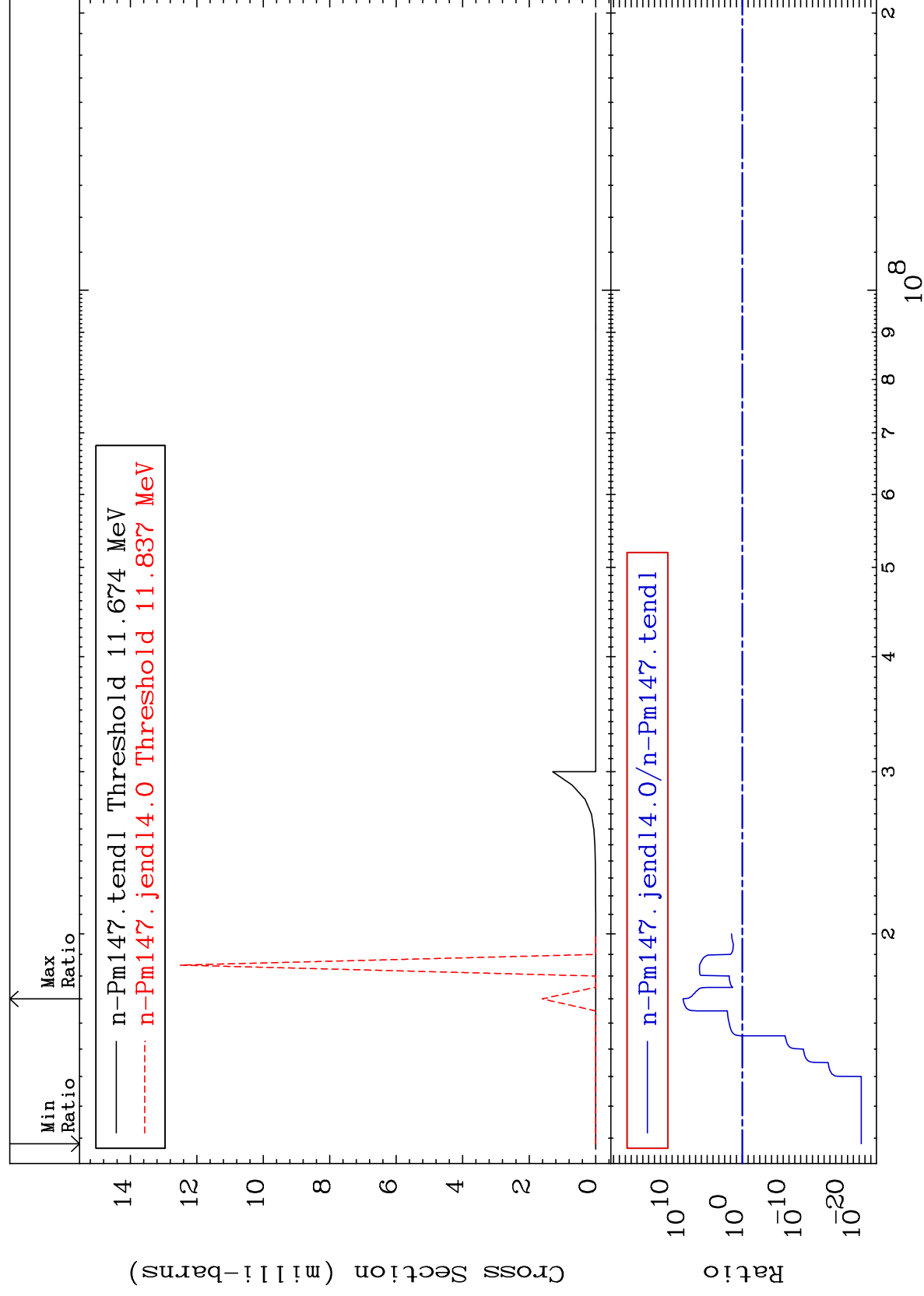
(n,2n) α

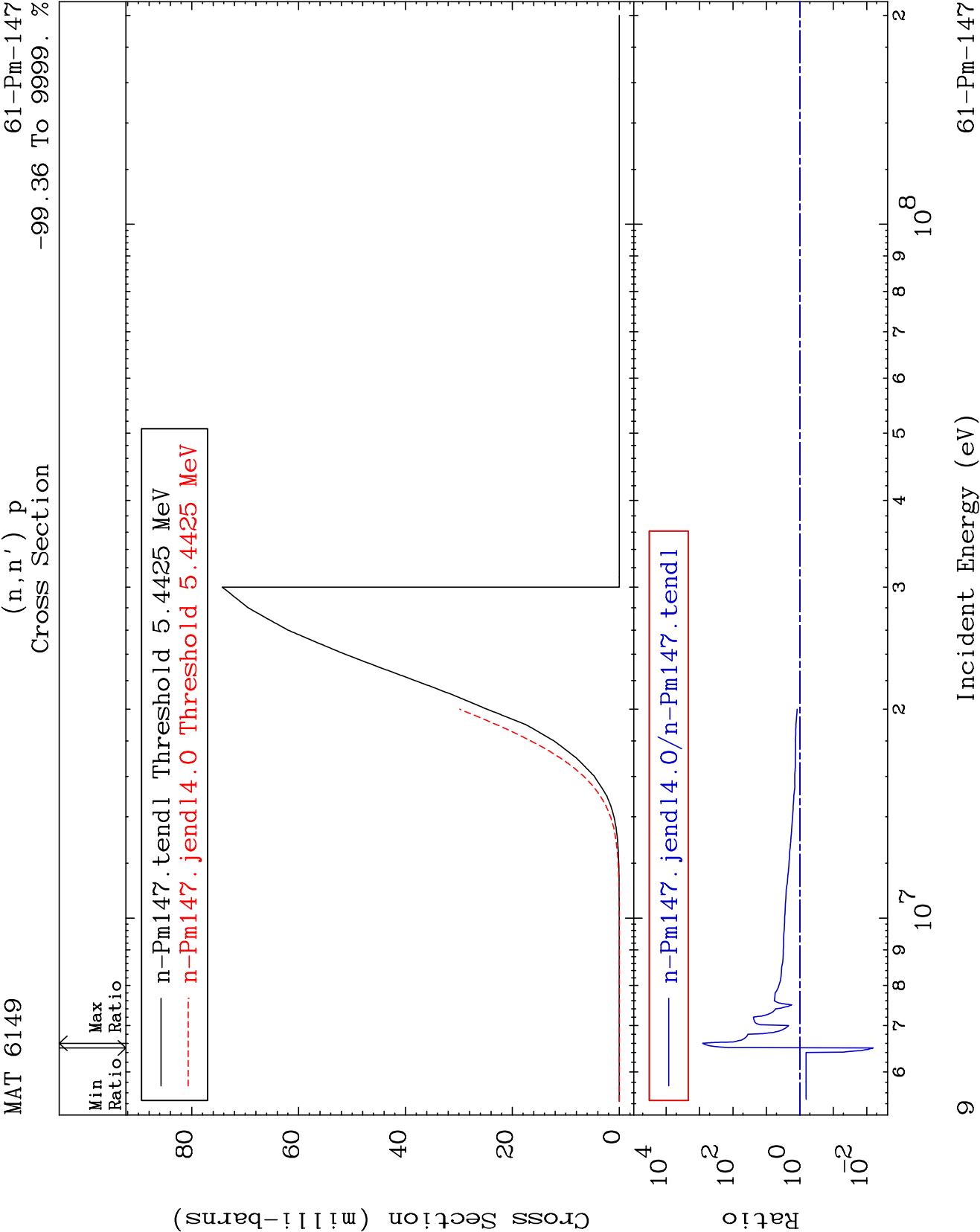
61-Pm-147

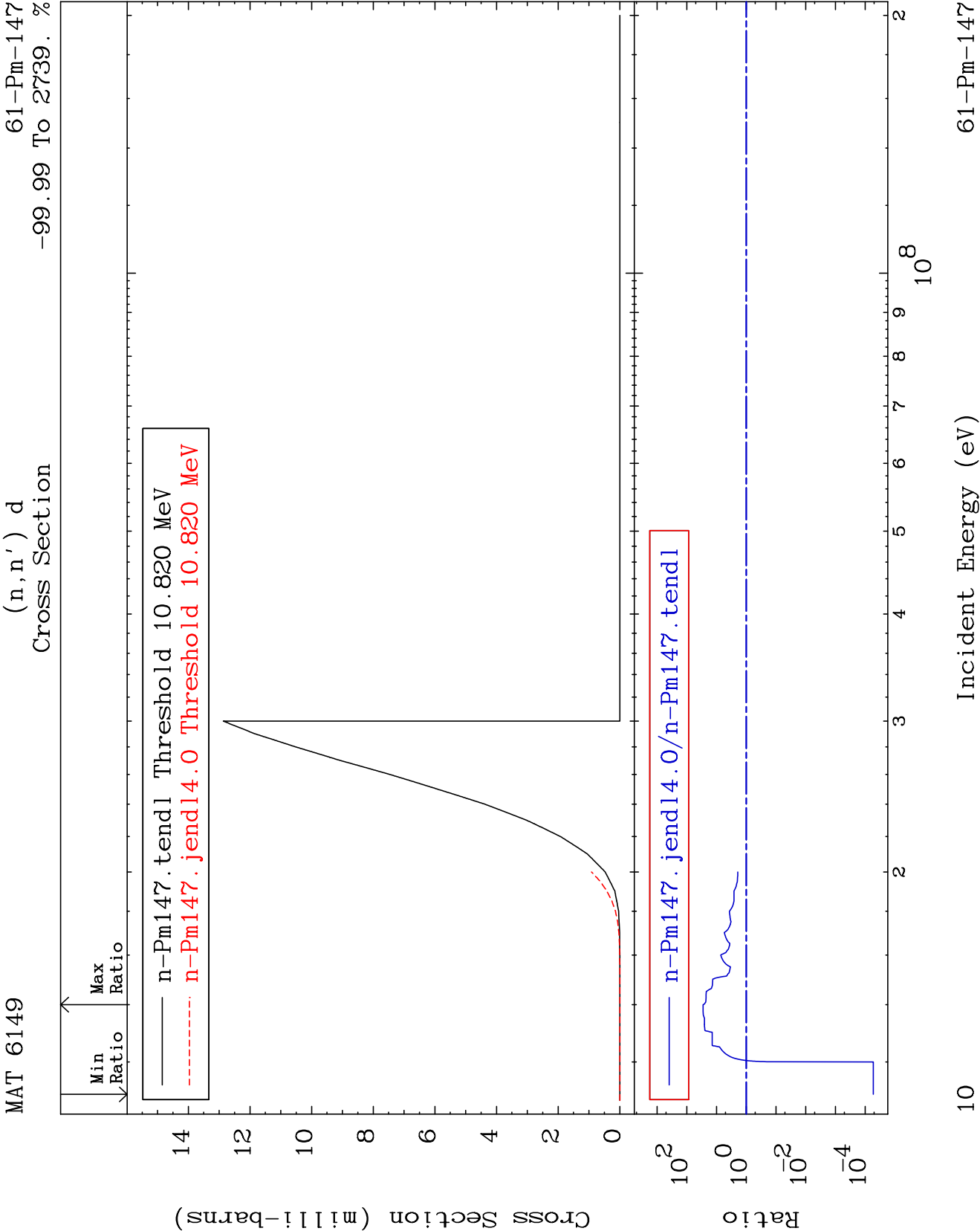
Cross Section

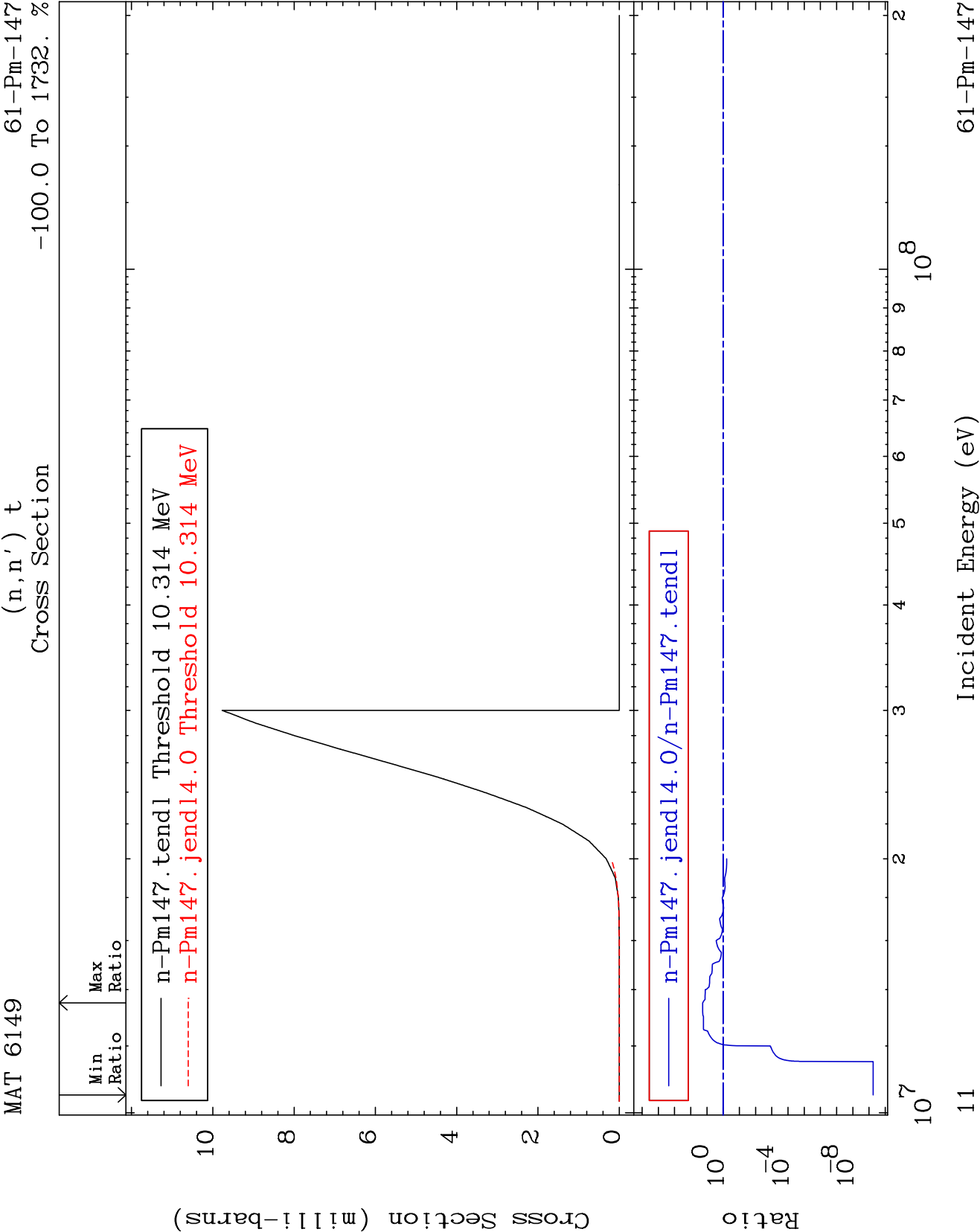
-100.0 To 9999. %

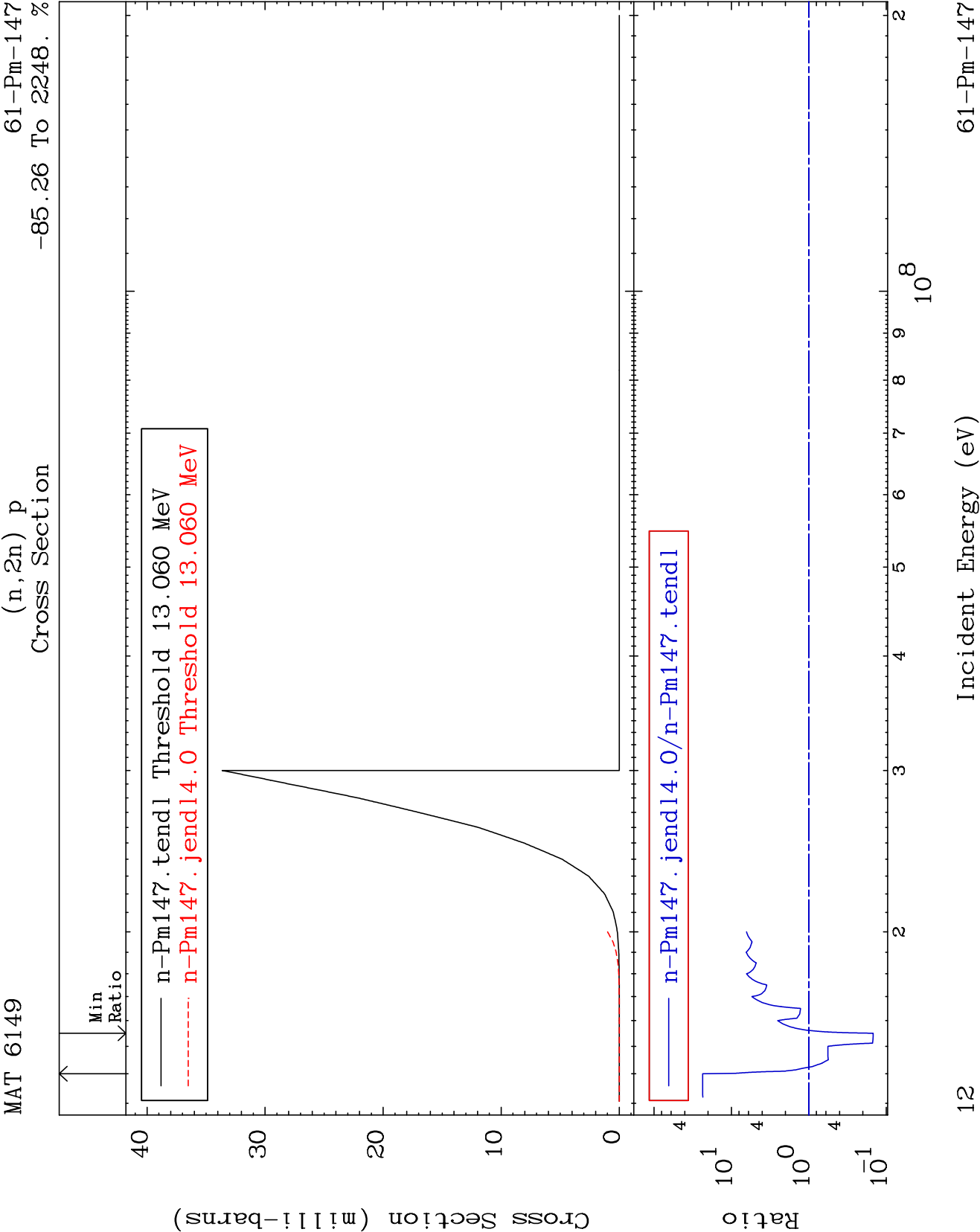








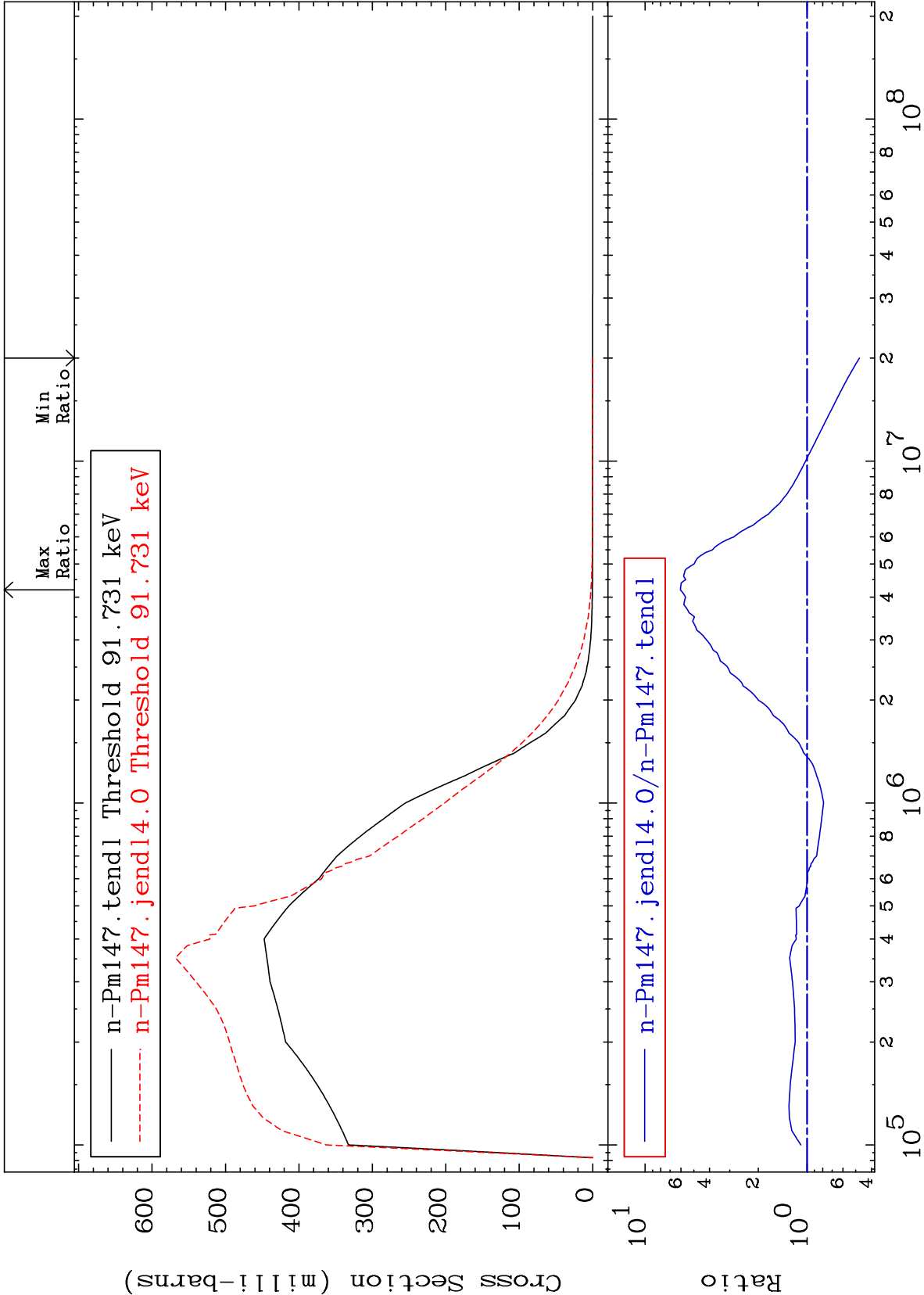




MAT 6149

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

61-Pm-147
-52.53 To 505.8 %



Incident Energy (eV)

61-Pm-147

MAT 6149

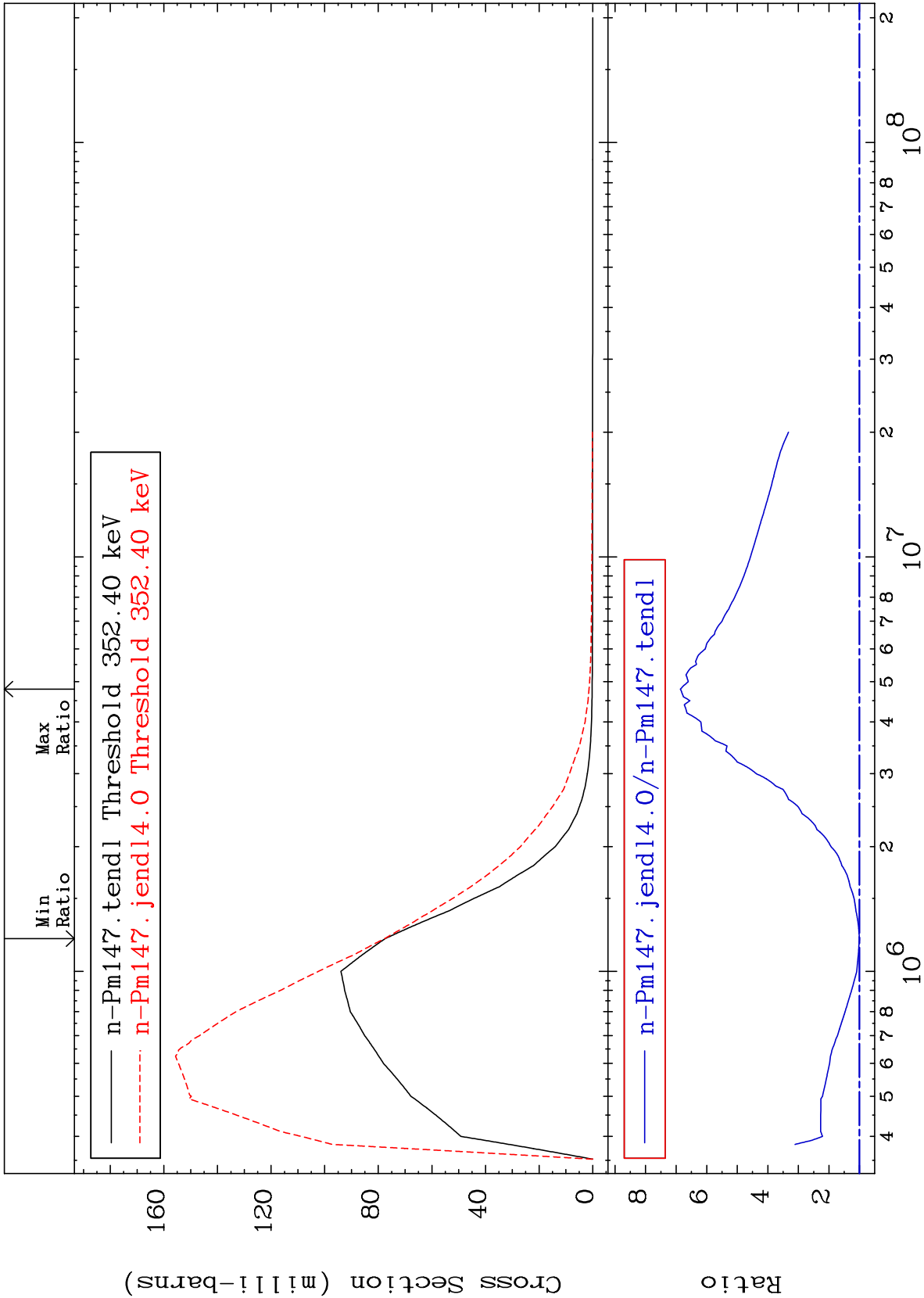
MT= 52 (n,n') Level

61-Pm-147

0.267

To 586.2 %

Cross Section



14

Incident Energy (eV)

61-Pm-147

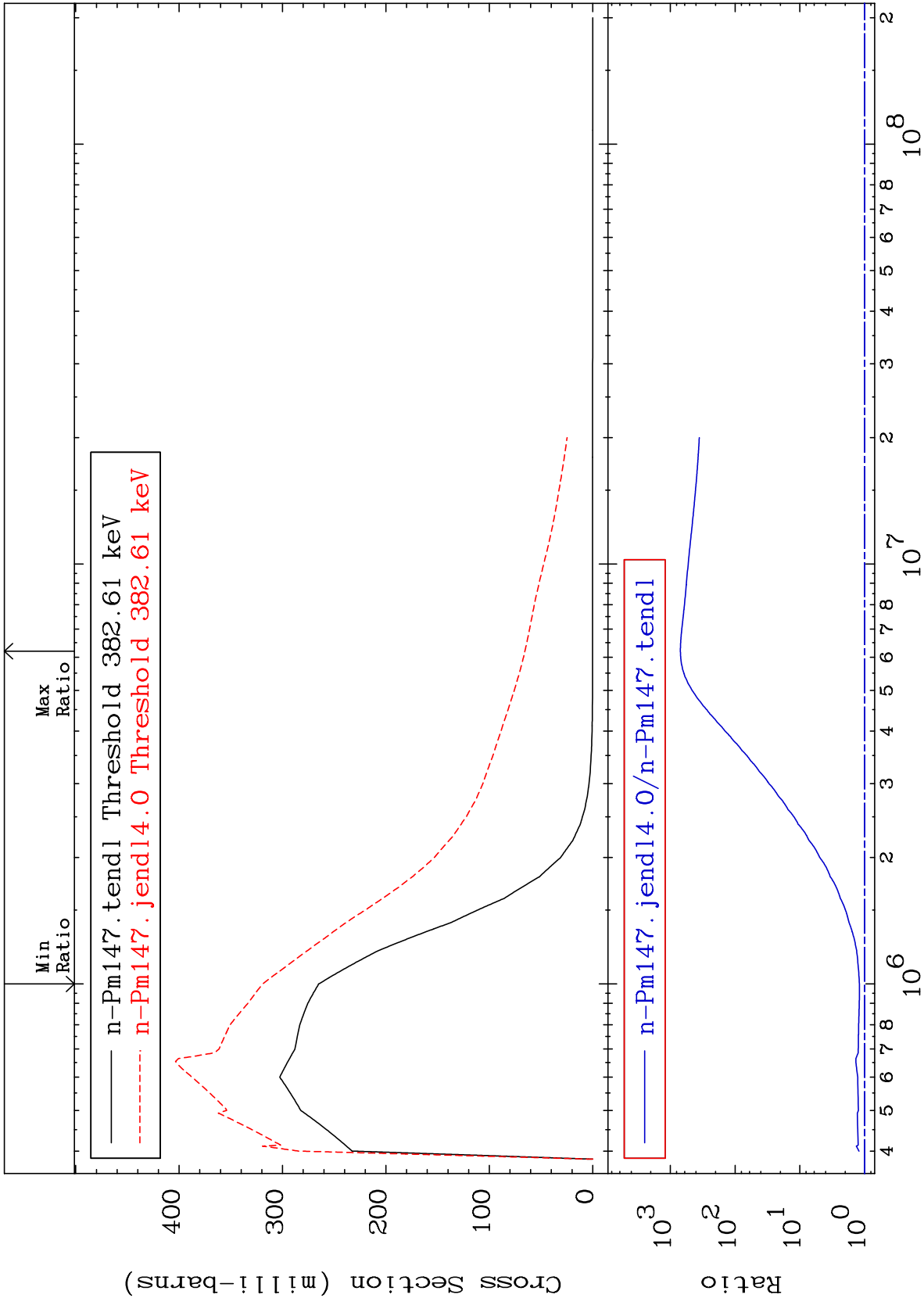
MAT 6149

MT= 53 (n,n') Level

61-Pm-147

20.45 To 9999. %

Cross Section



15

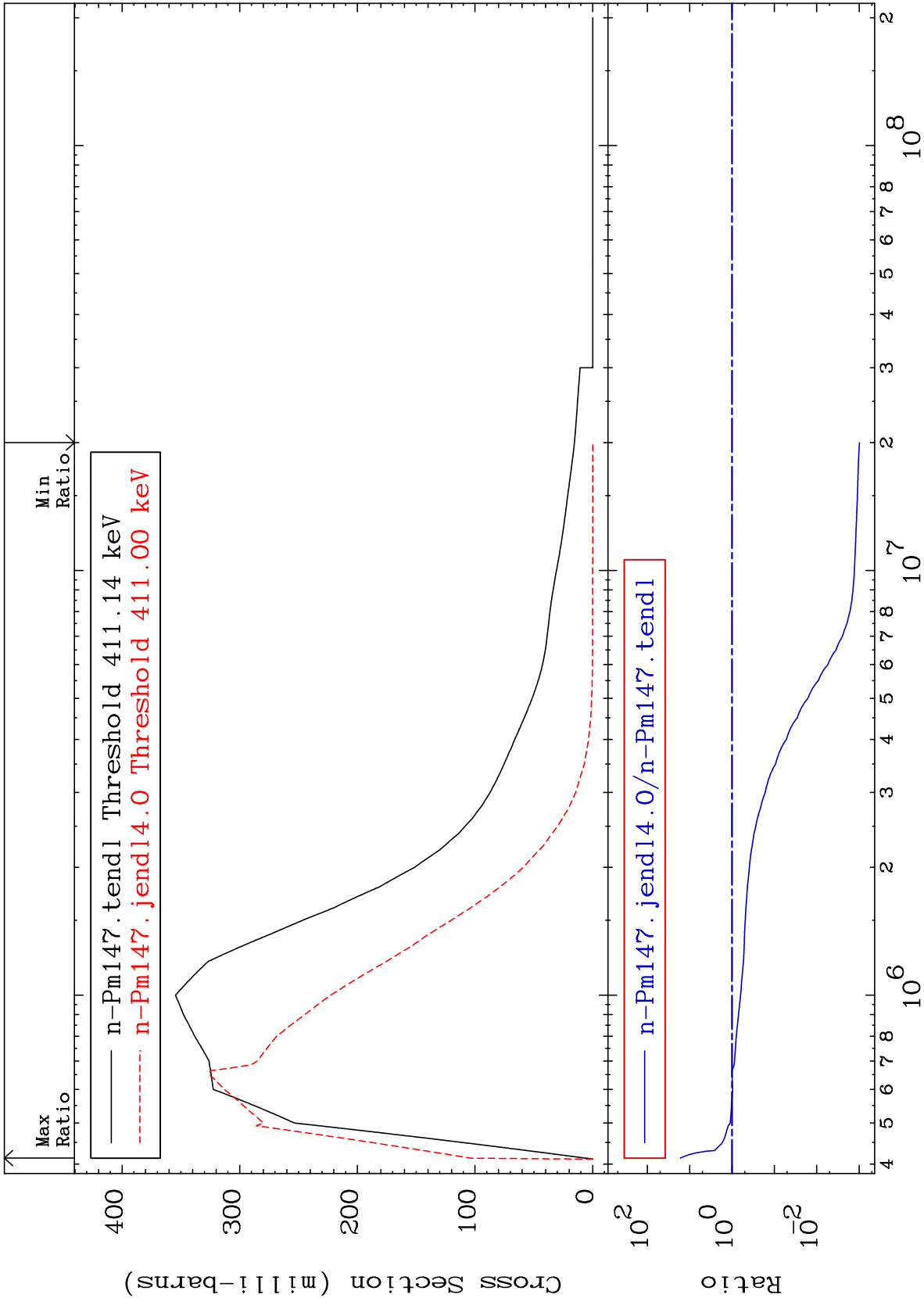
Incident Energy (eV)

61-Pm-147

MAT 6149

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

61-Pm-147
-99.90 To 1561. %



16

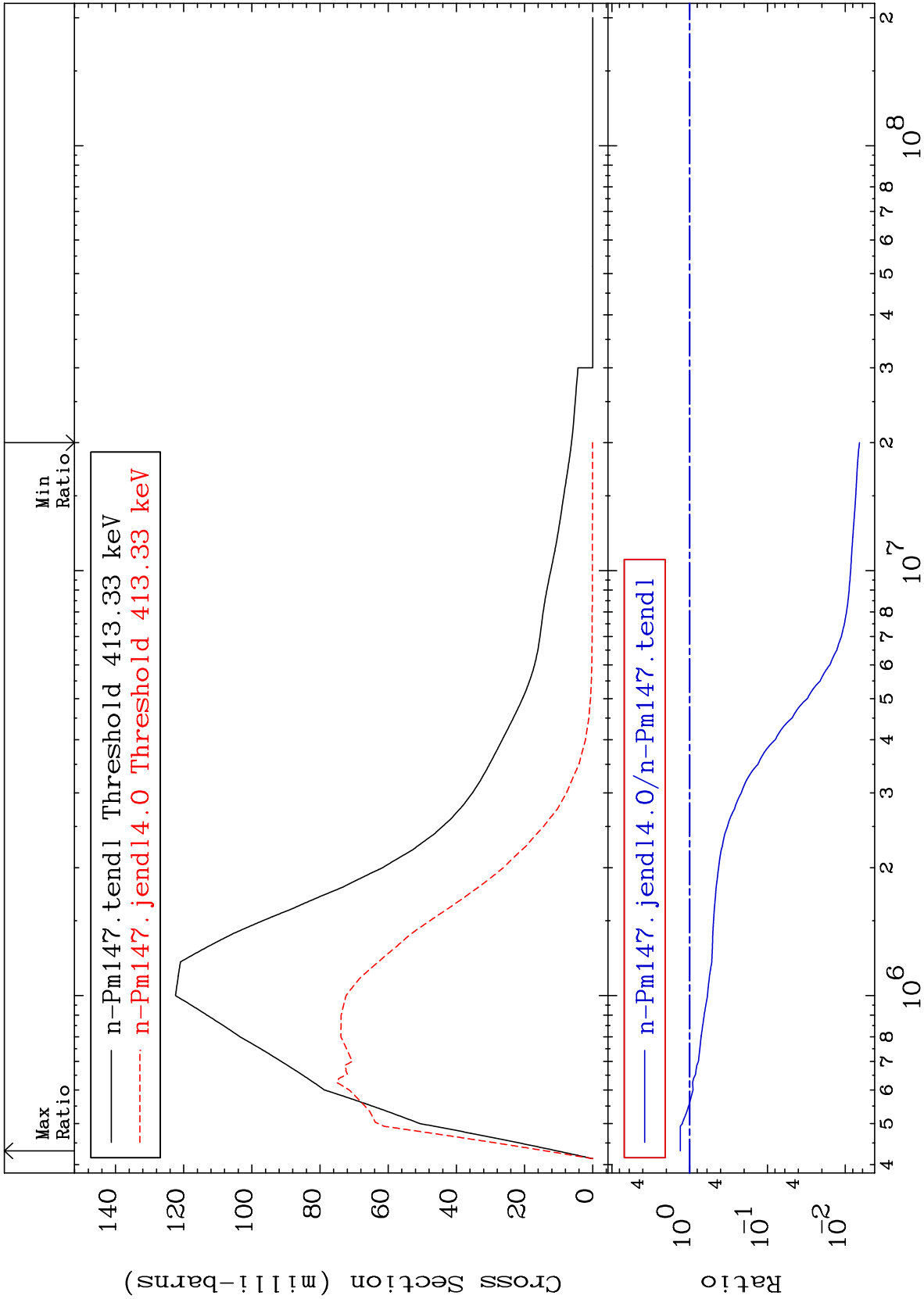
Incident Energy (eV)

61-Pm-147

MAT 6149

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

61-Pm-147
-99.34 To 31.87 %



17

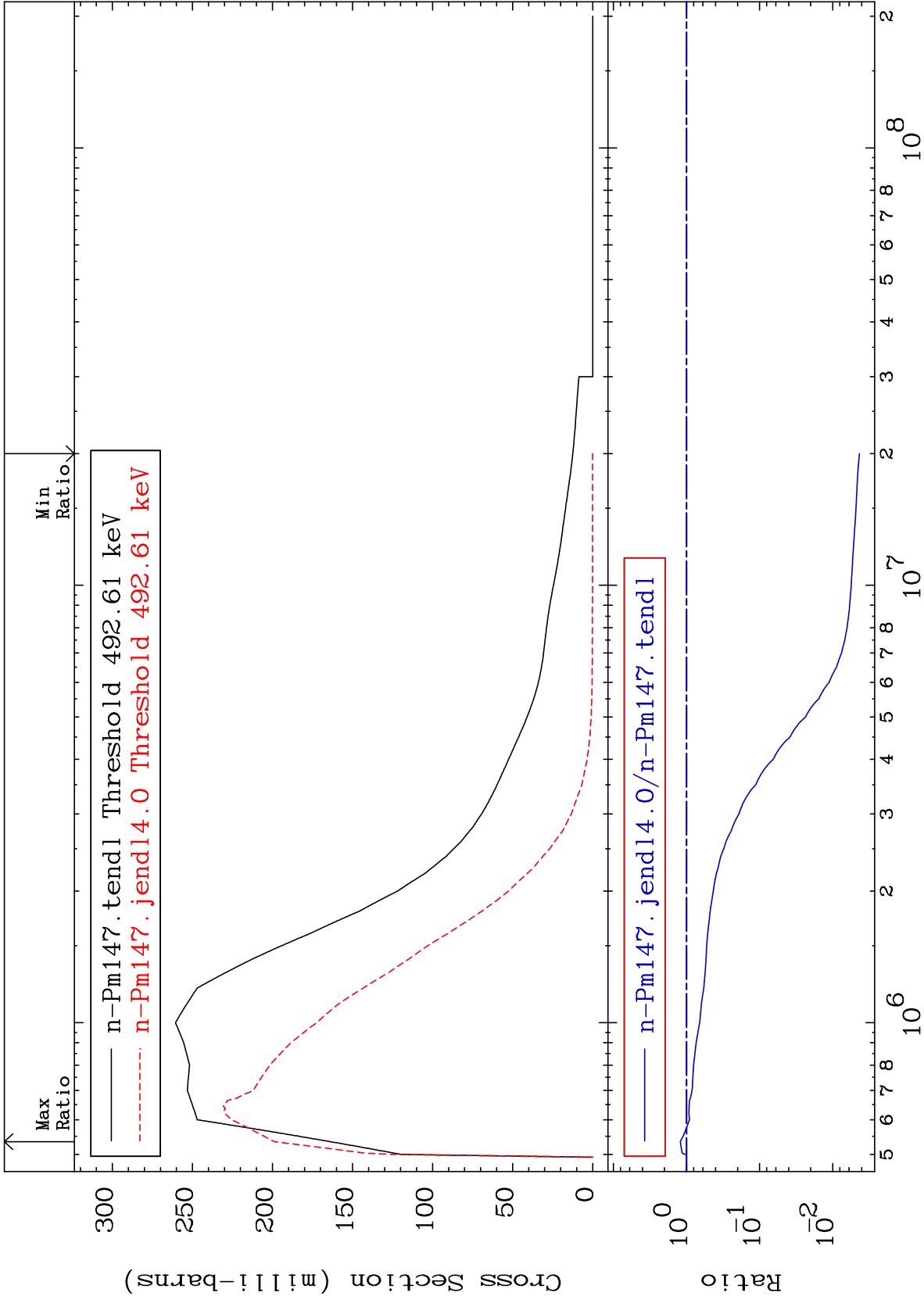
Incident Energy (eV)

61-Pm-147

MAT 6149

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

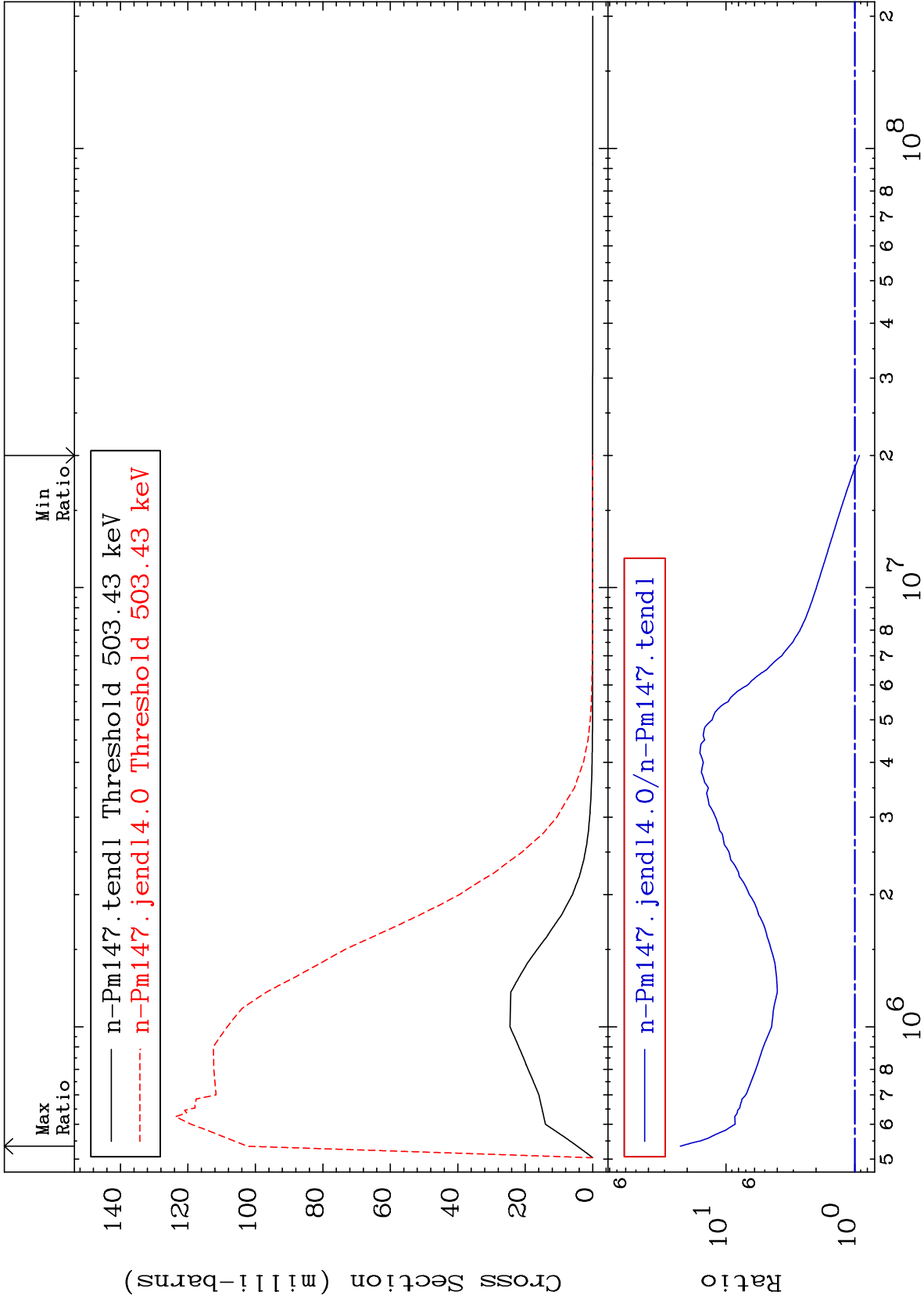
61-Pm-147
-99.57 To 21.43 %



18

Incident Energy (eV)

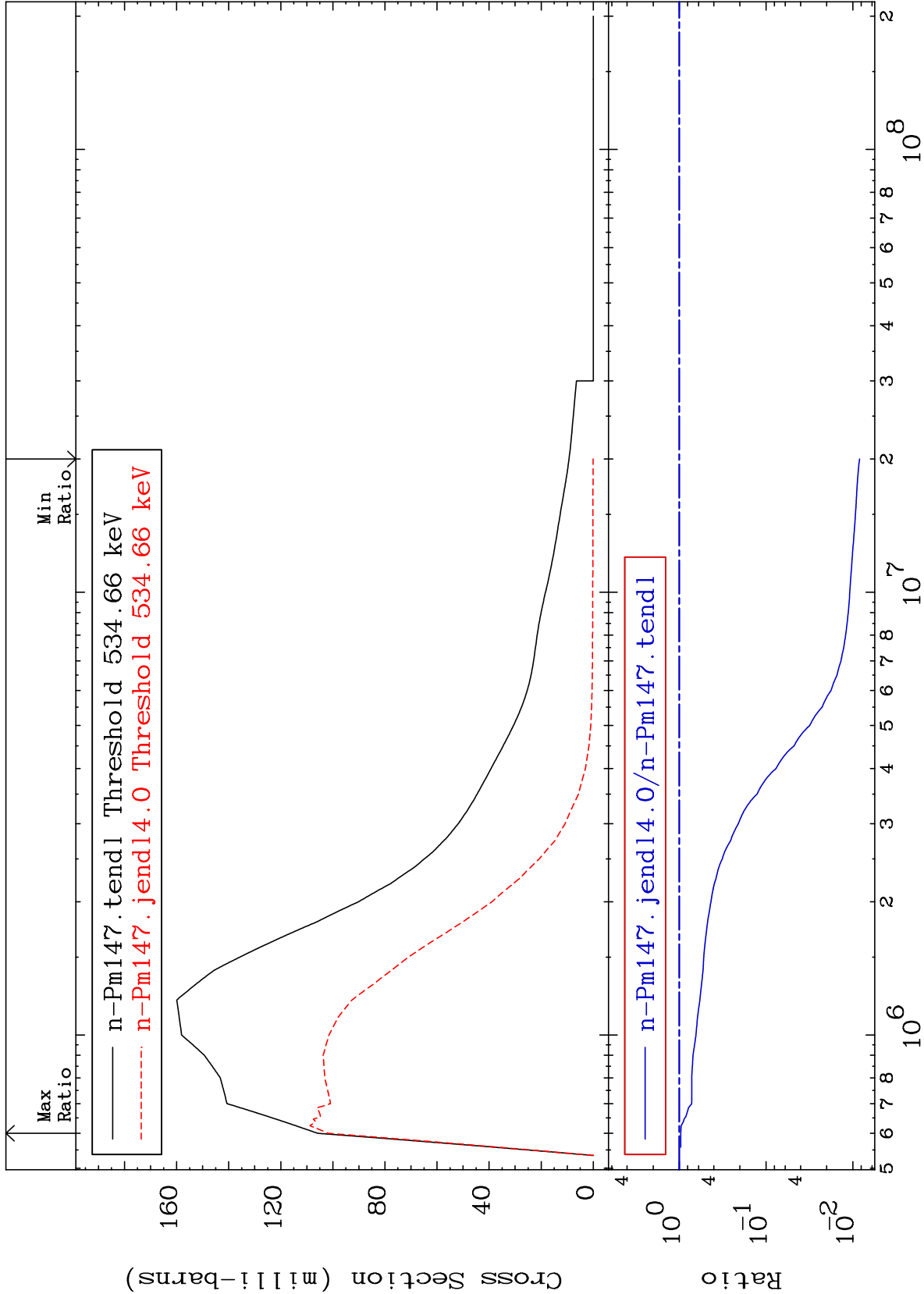
61-Pm-147

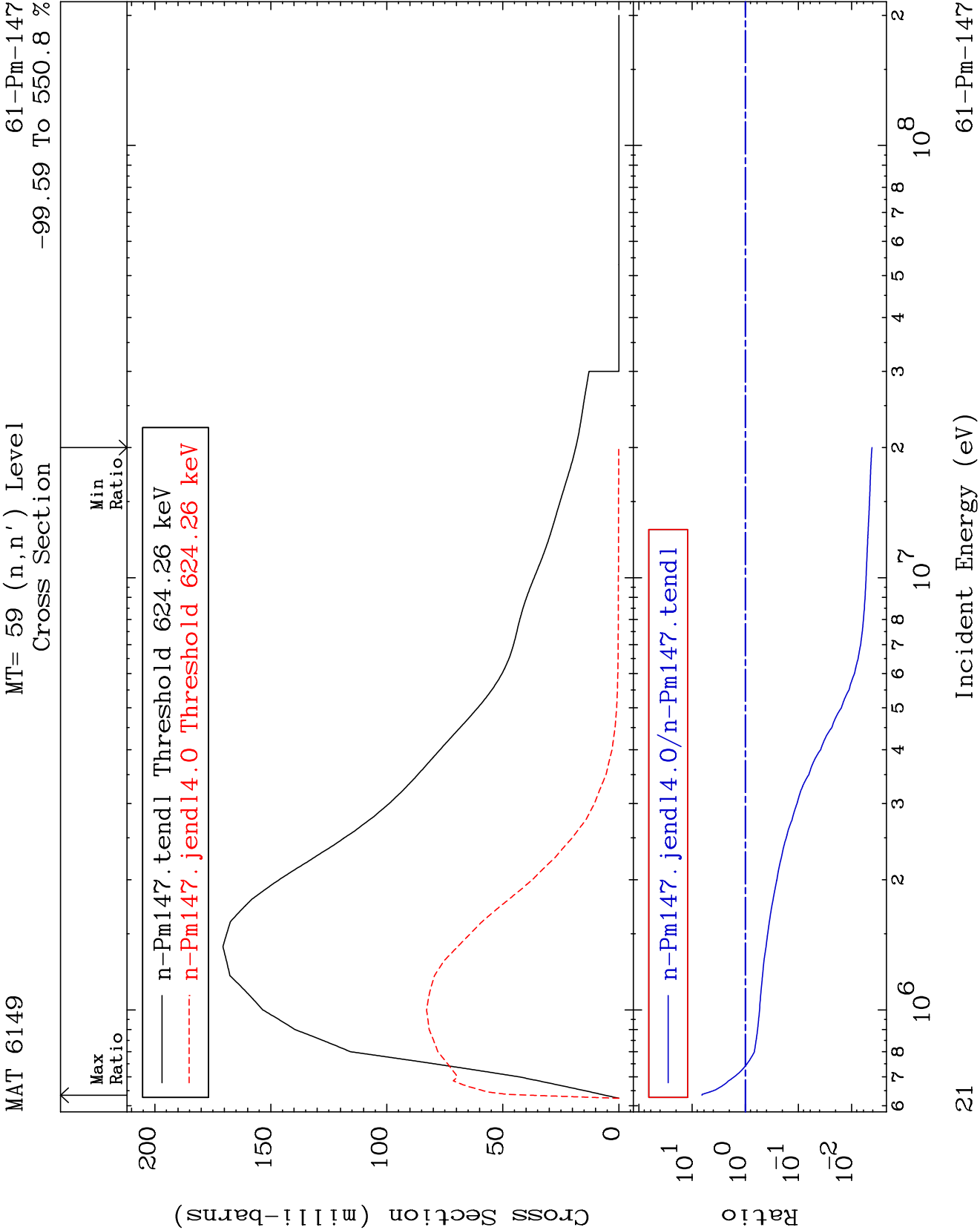


MAT 6149

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

61-Pm-147
-99.16 To -3.854%

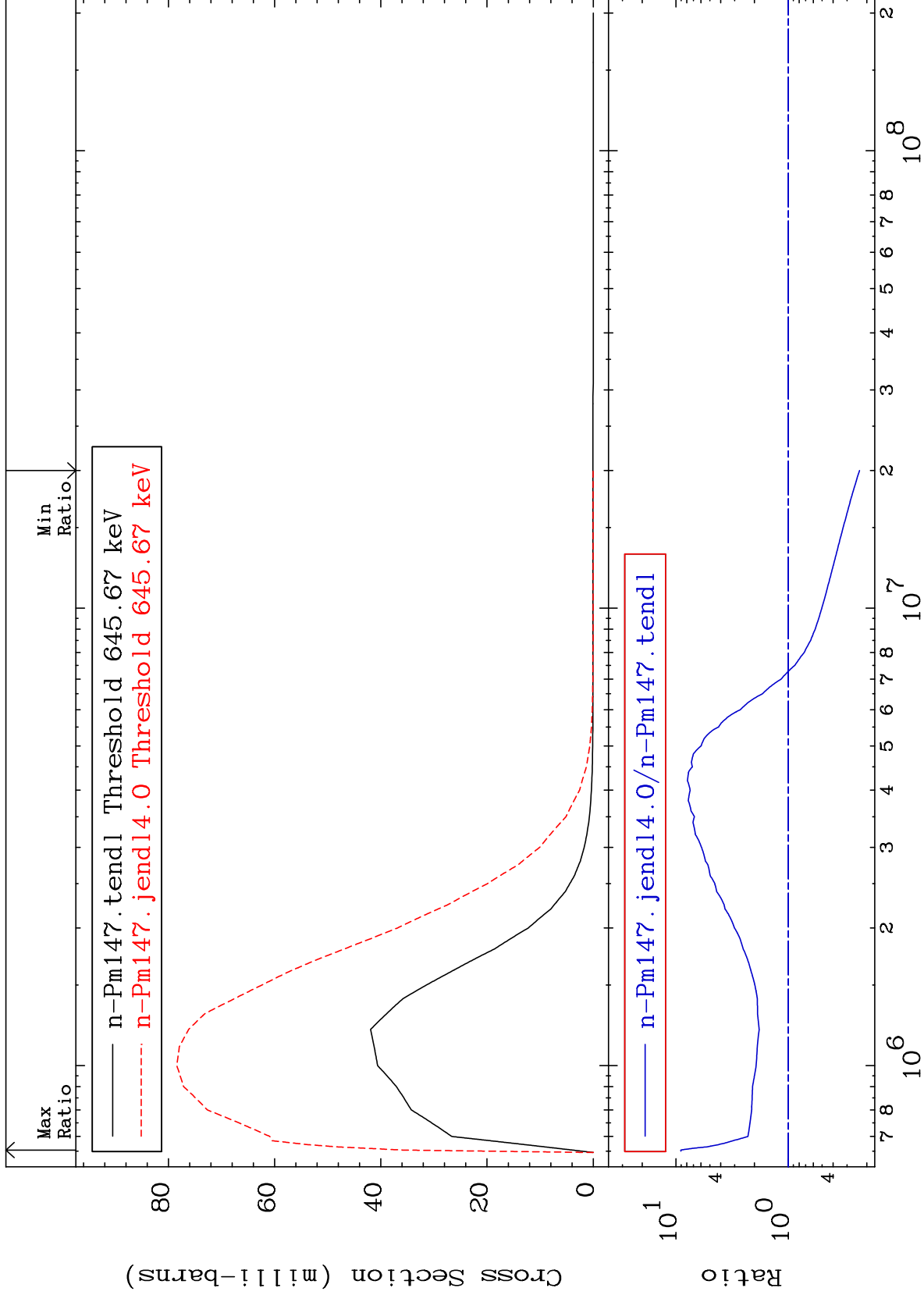




MAT 6149

MT= 61 (n,n') Level
Cross Section

61-Pm-147
-76.78 To 806.1 %



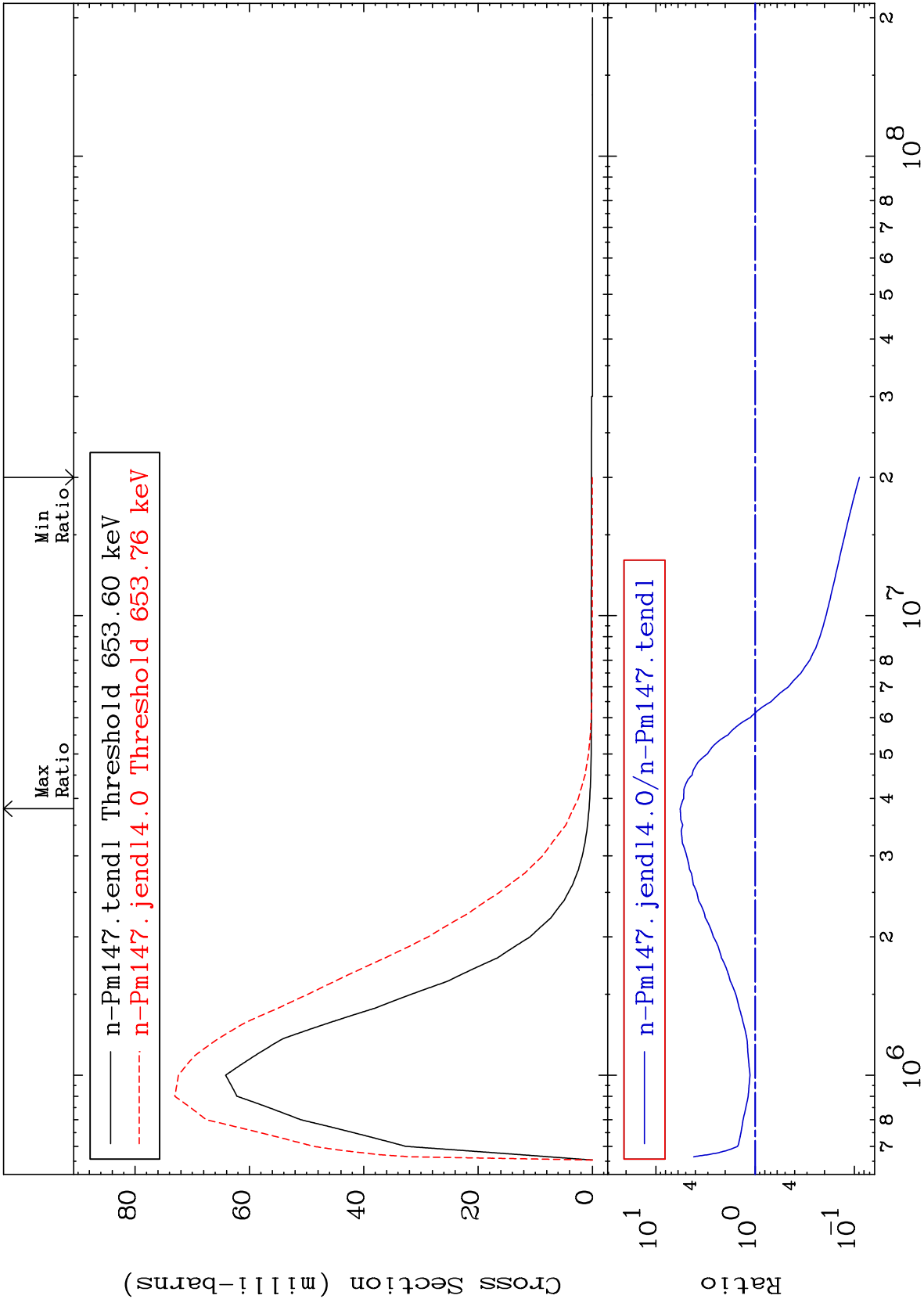
MAT 6149

MT= 62 (n,n') Level

61-Pm-147

-91.11 To 470.1 %

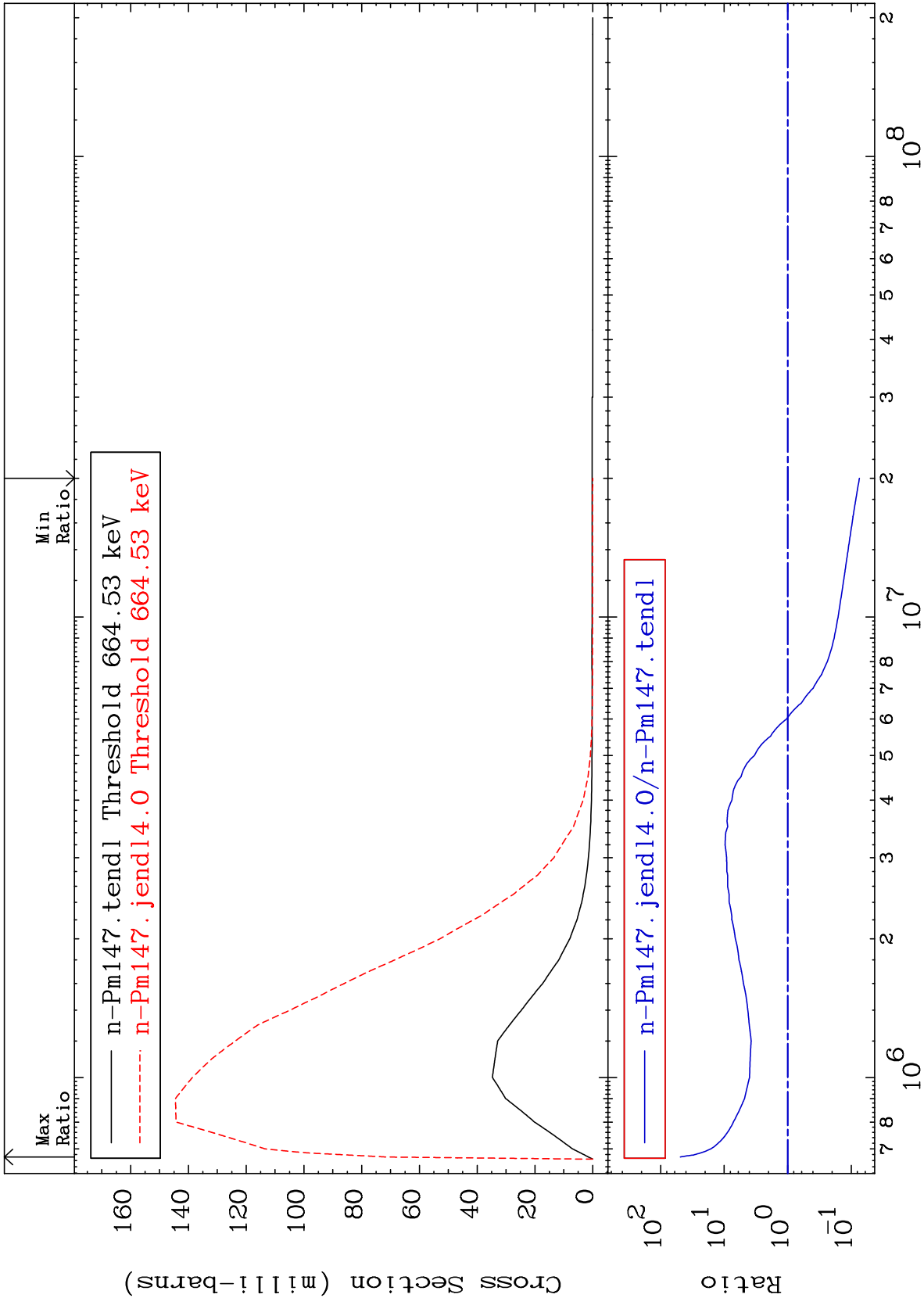
Cross Section

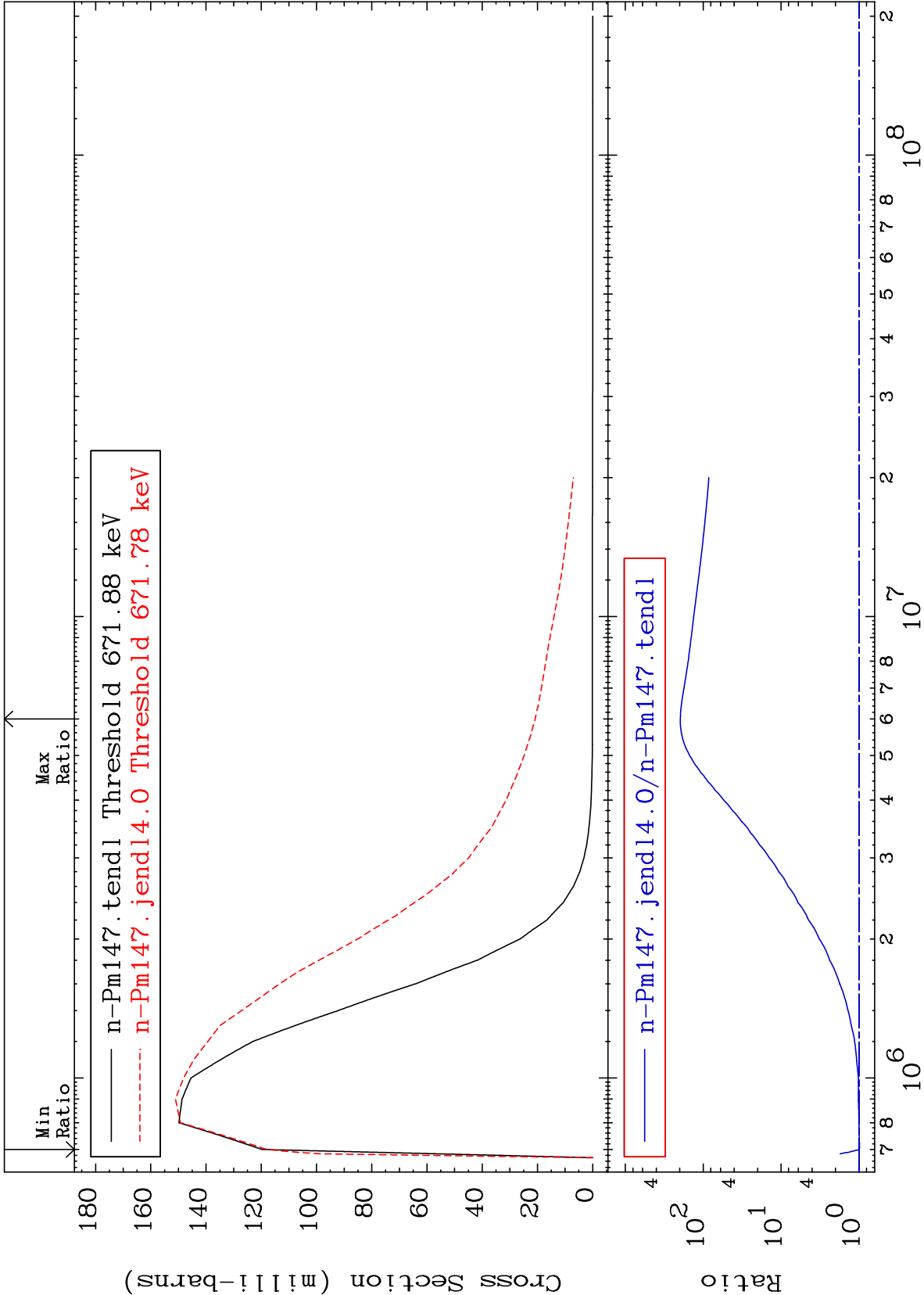


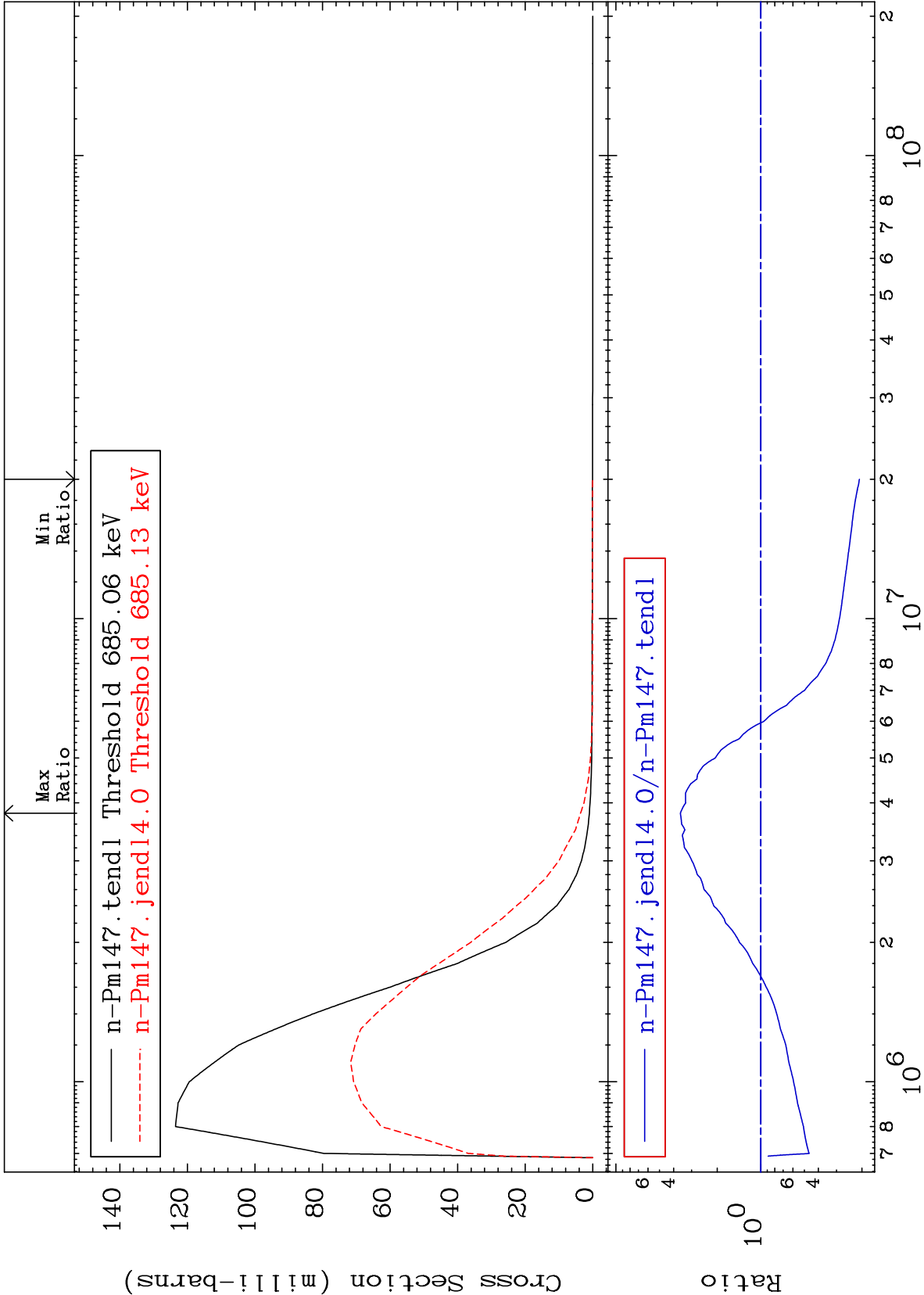
24

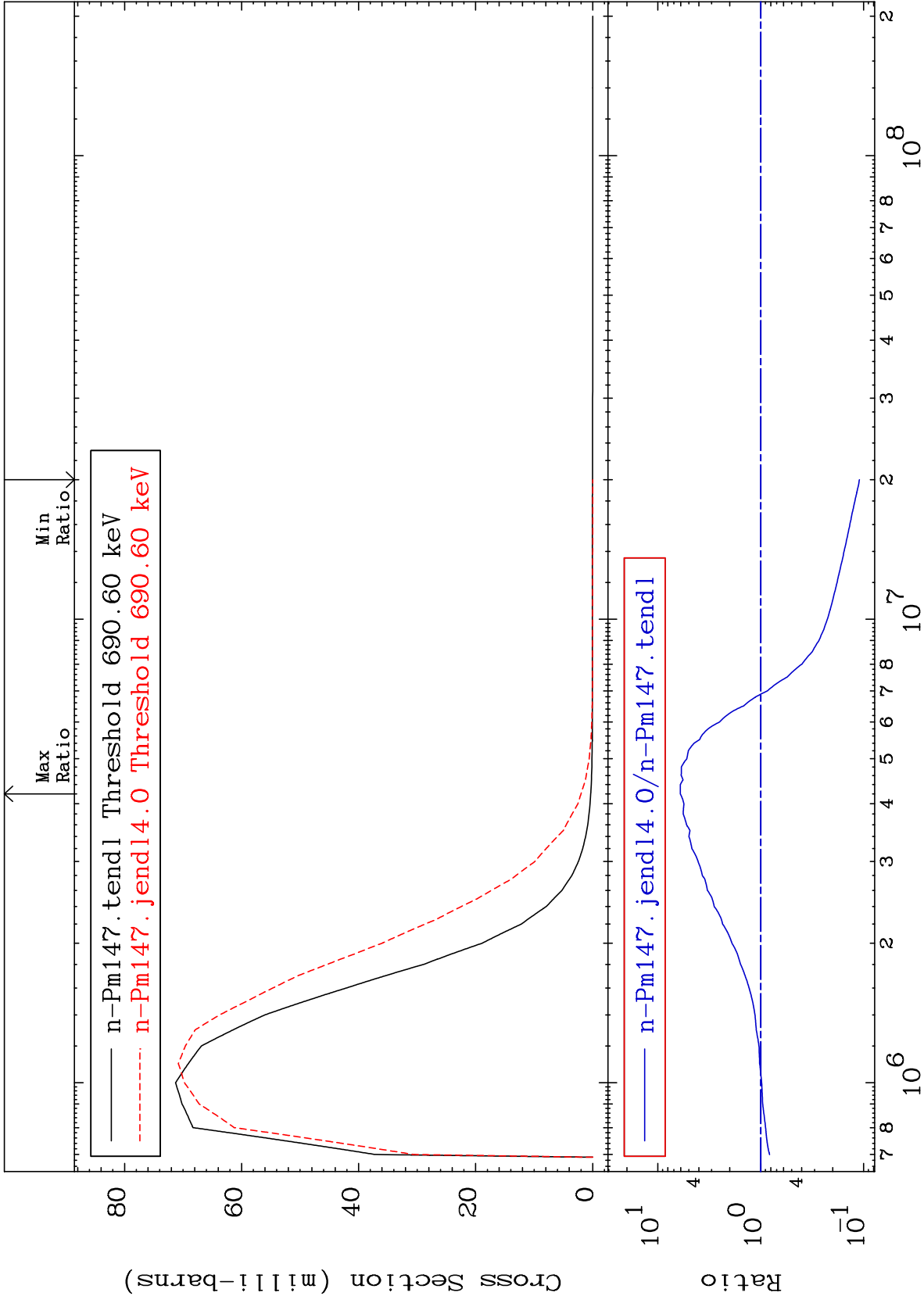
Incident Energy (eV)

61-Pm-147





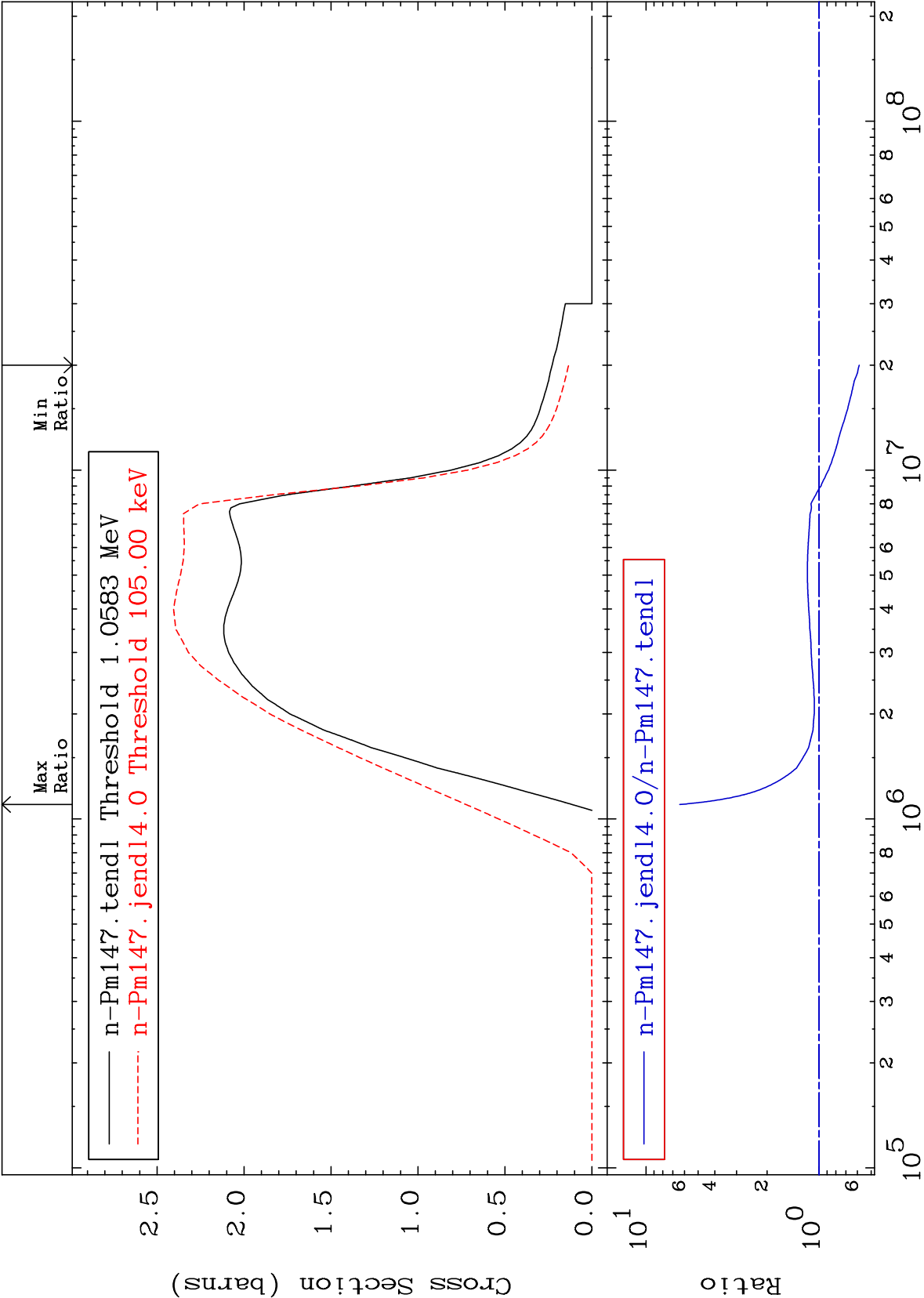


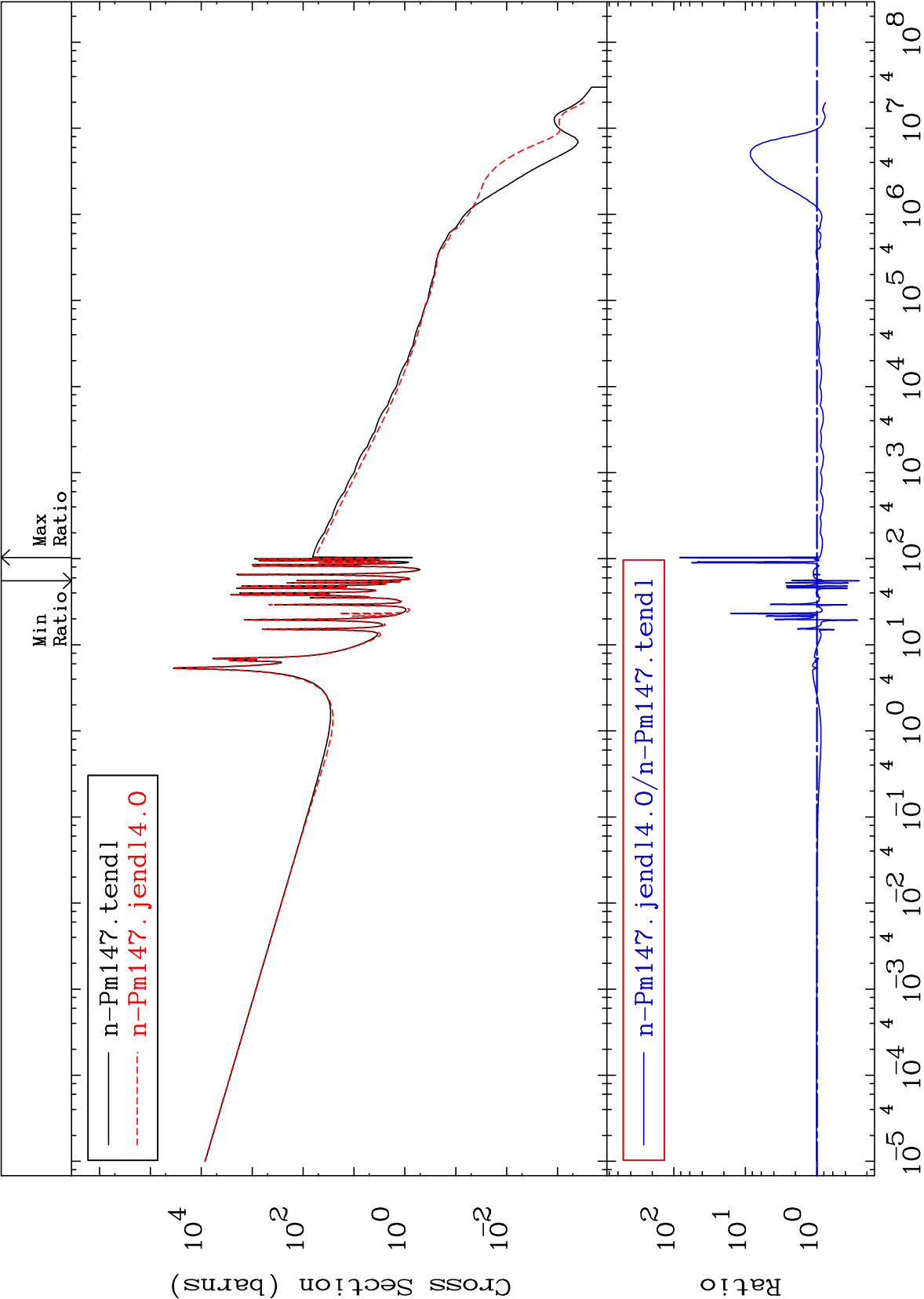


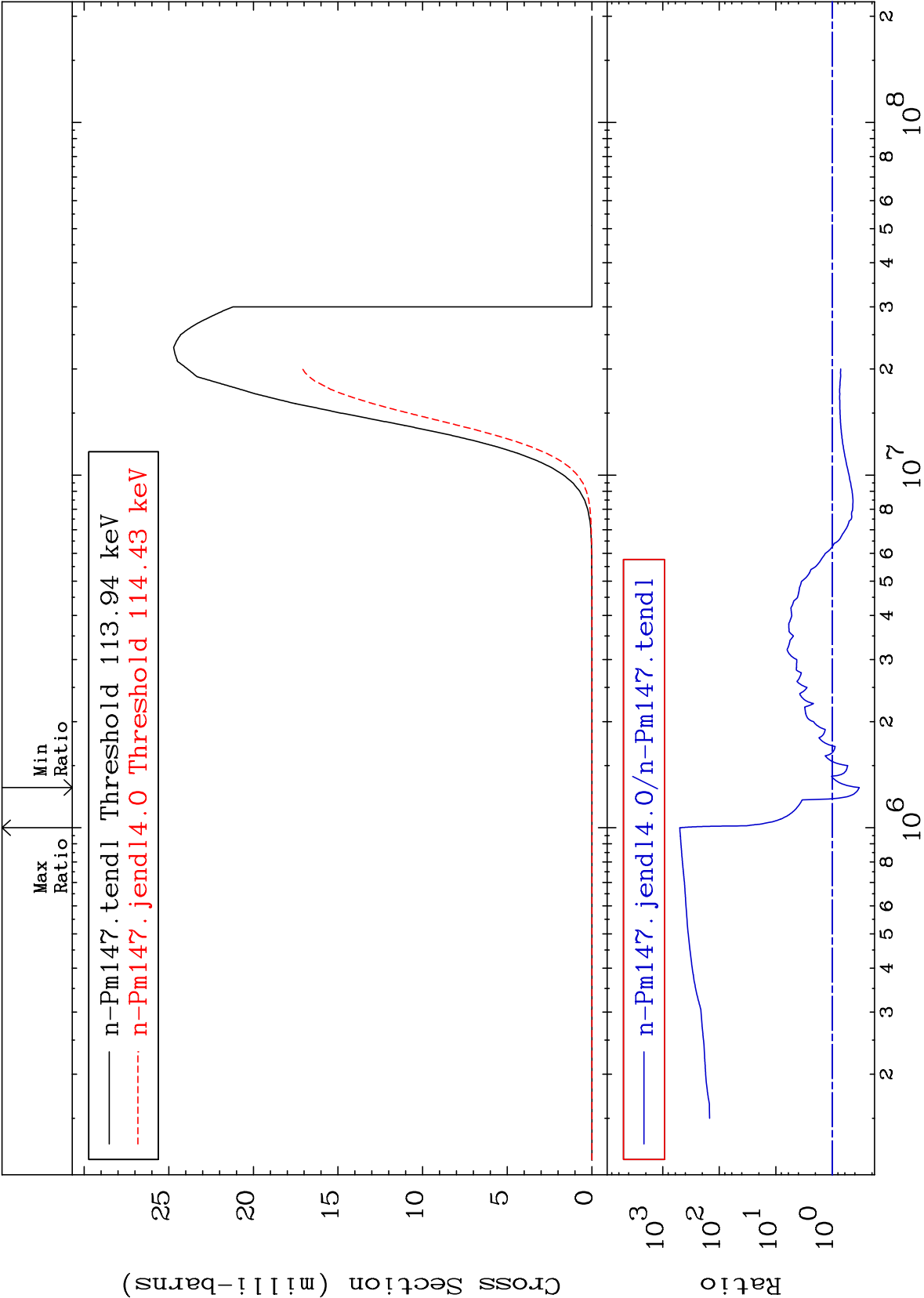
MAT 6149

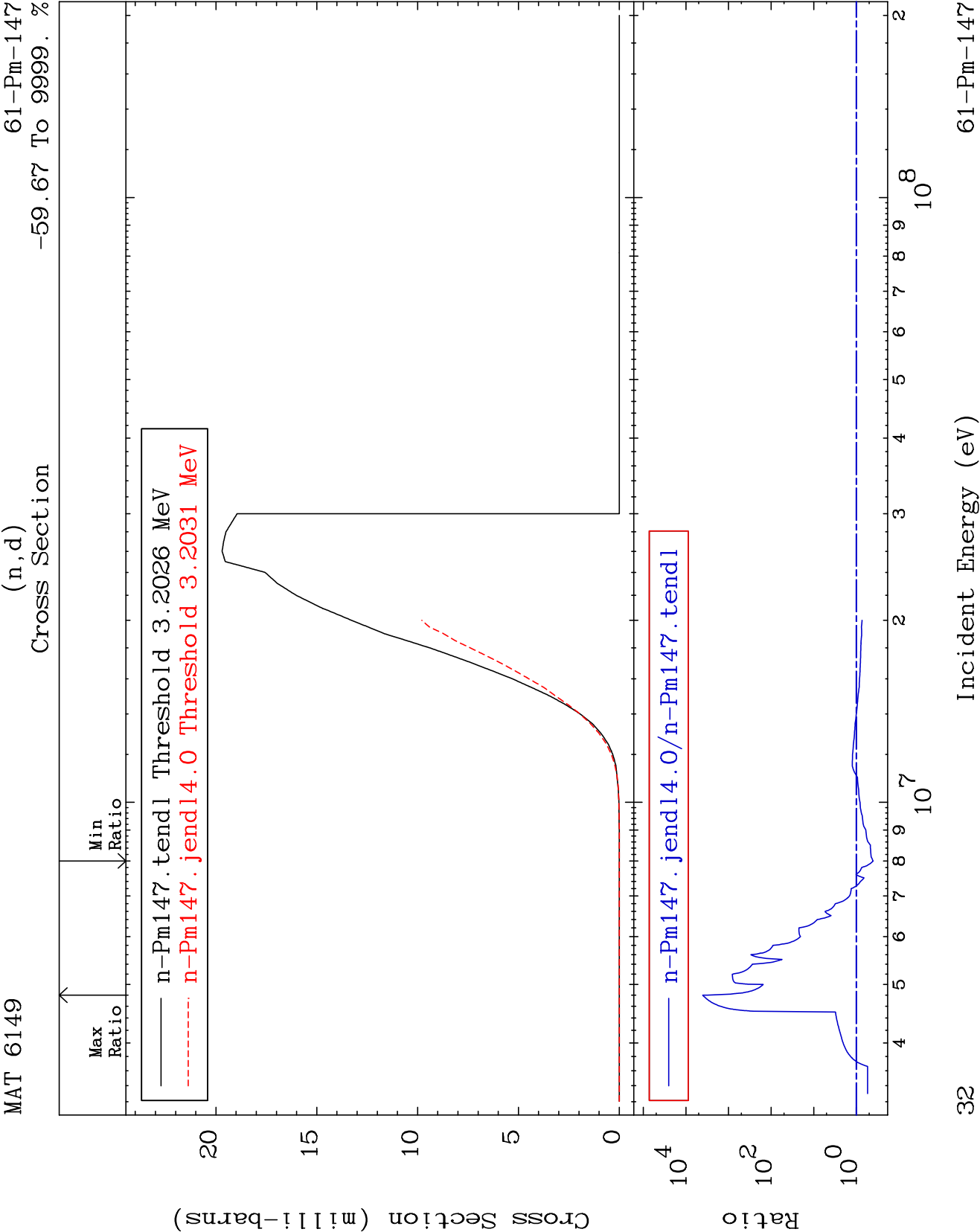
(n,n') Continuum
Cross Section

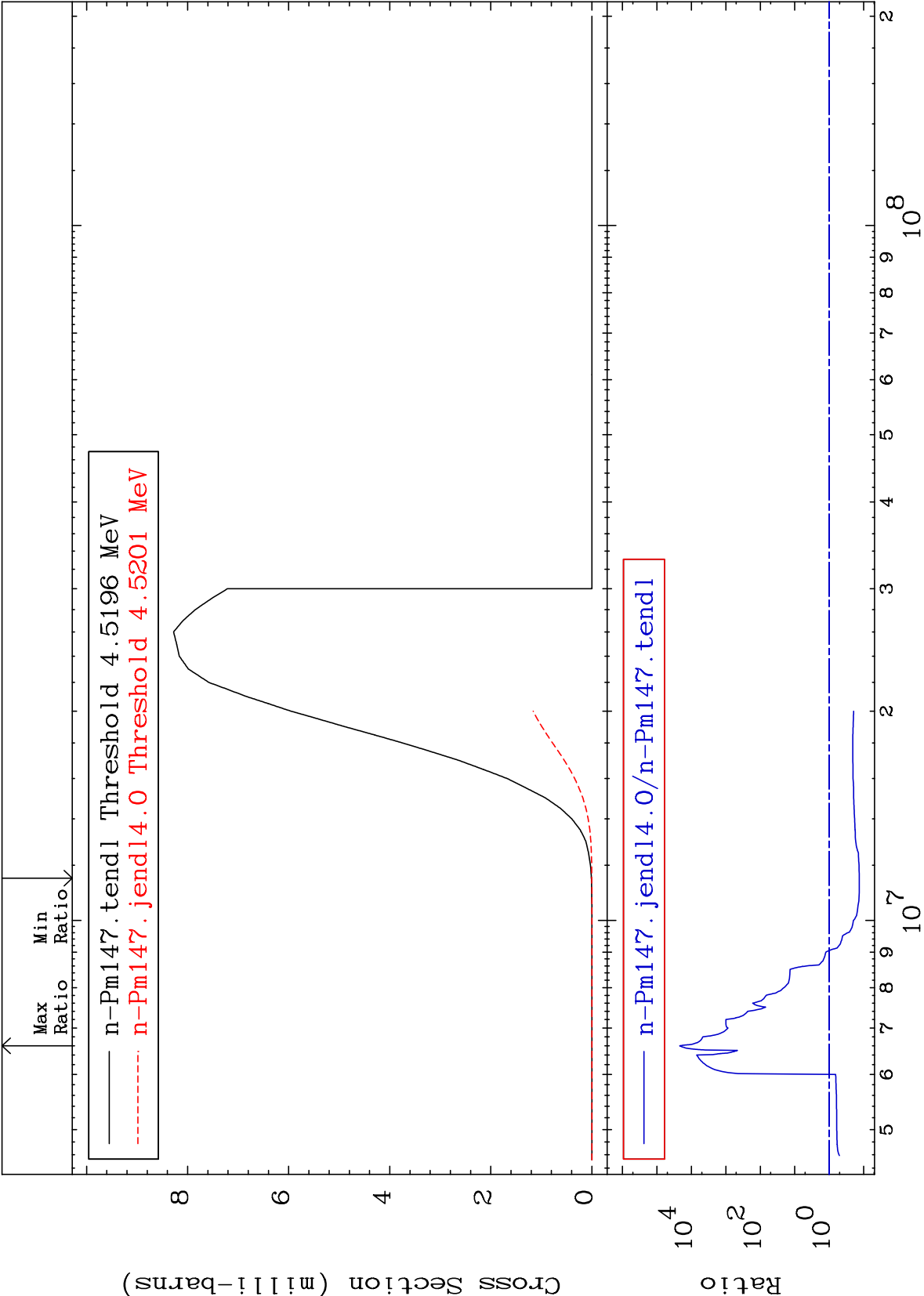
61-Pm-147
-41.44 To 538.7 %

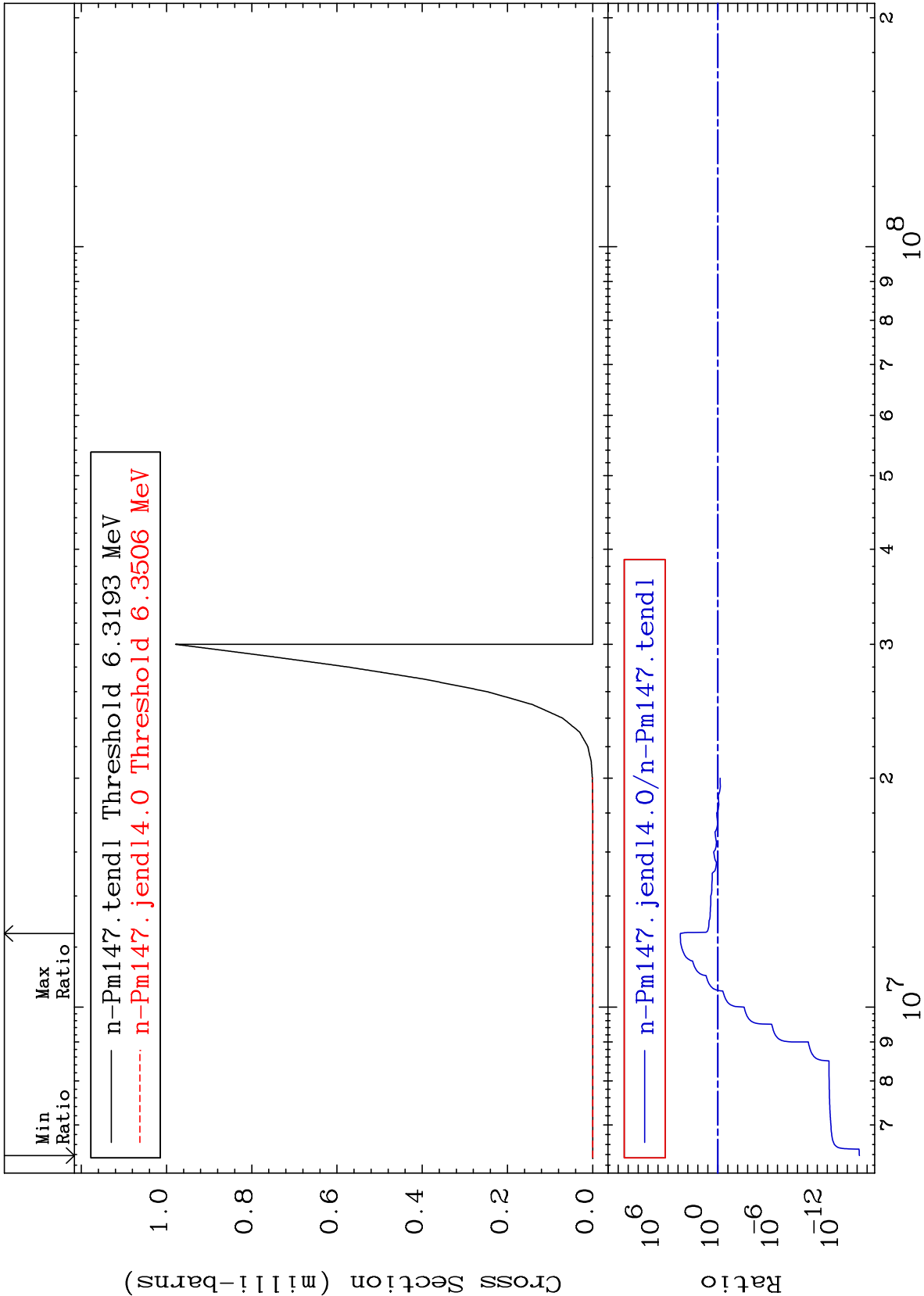






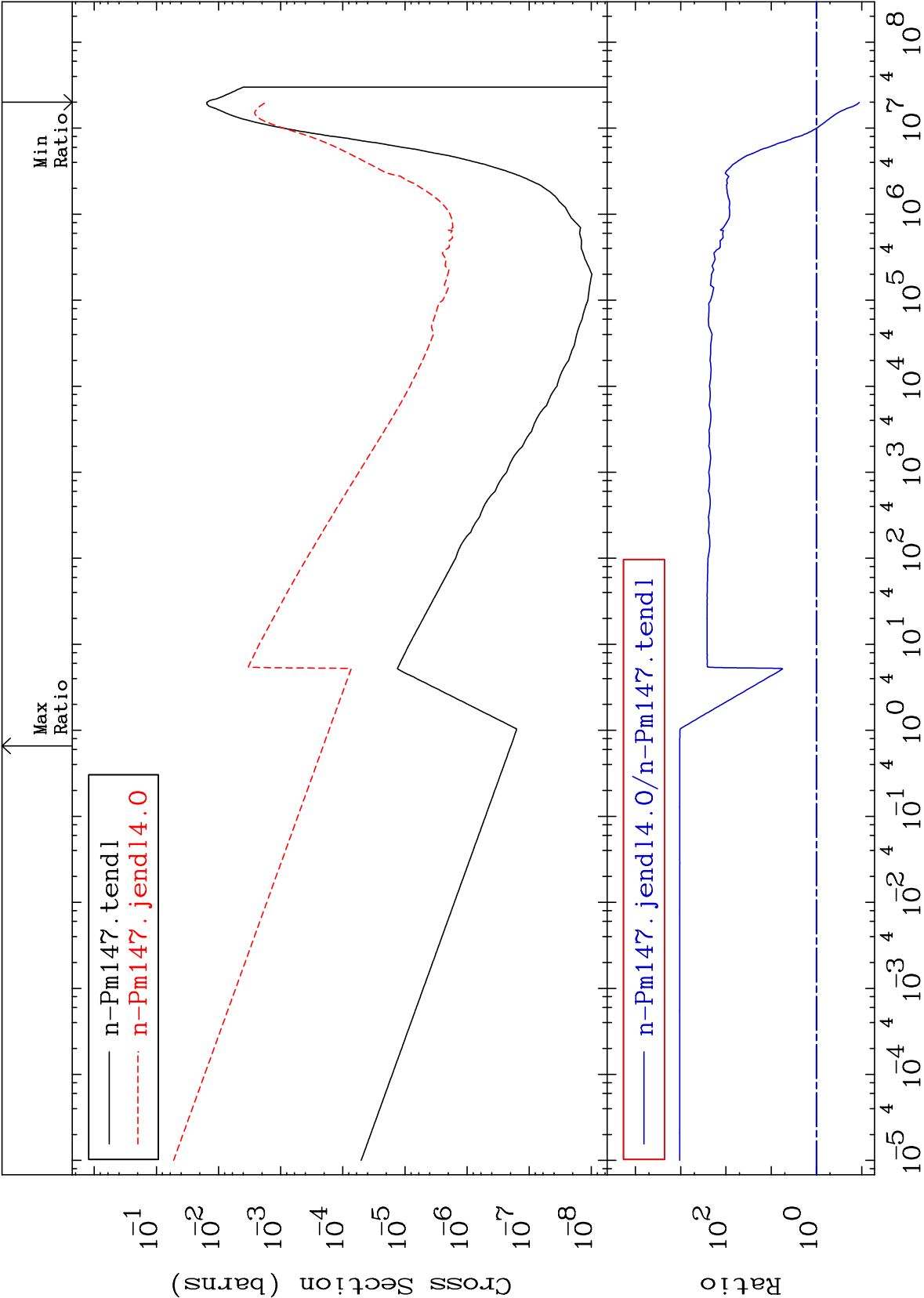






MAT 6149

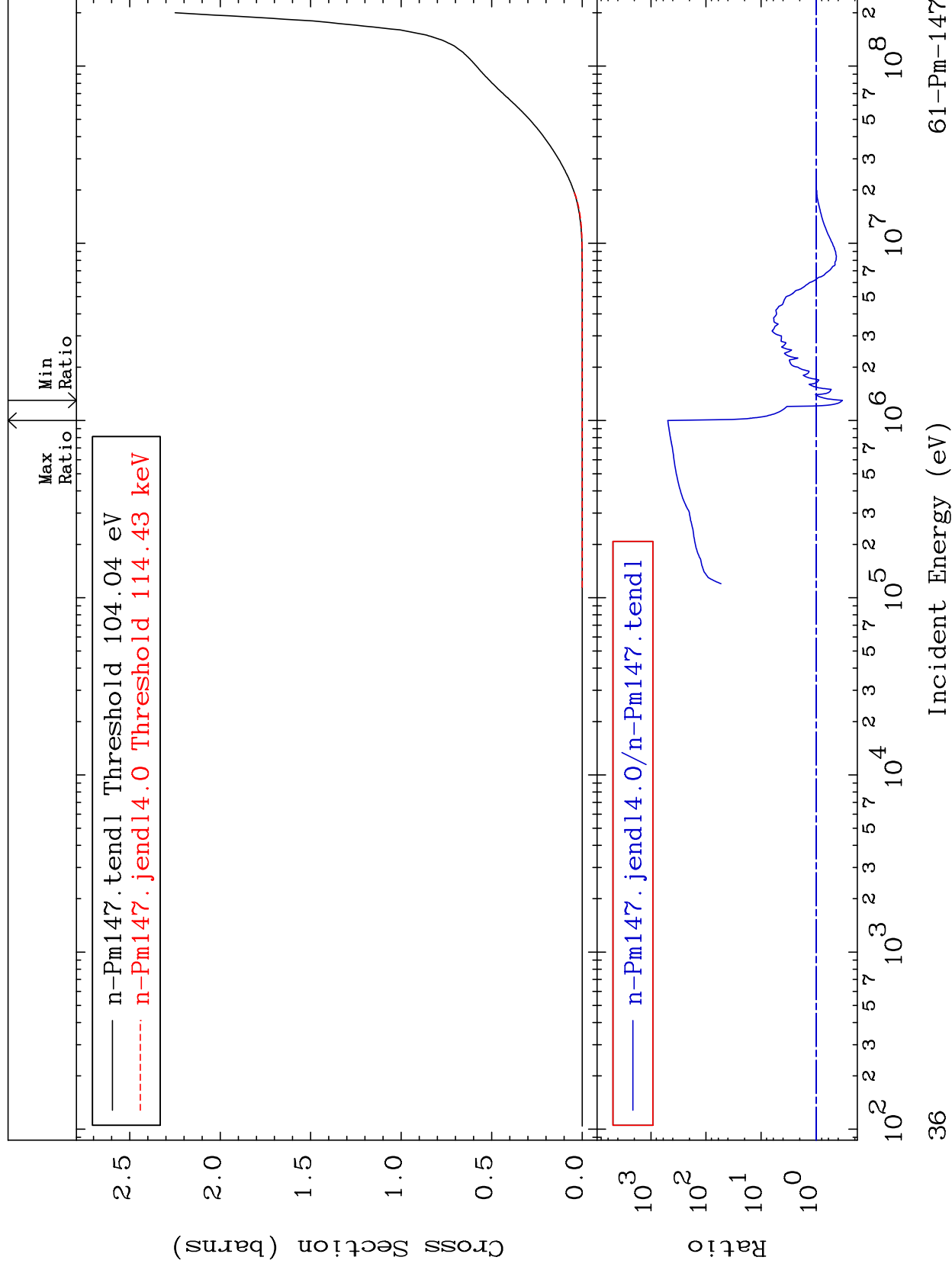
(n, α)
Cross Section
61-Pm-147
-88.66 To 9999. %

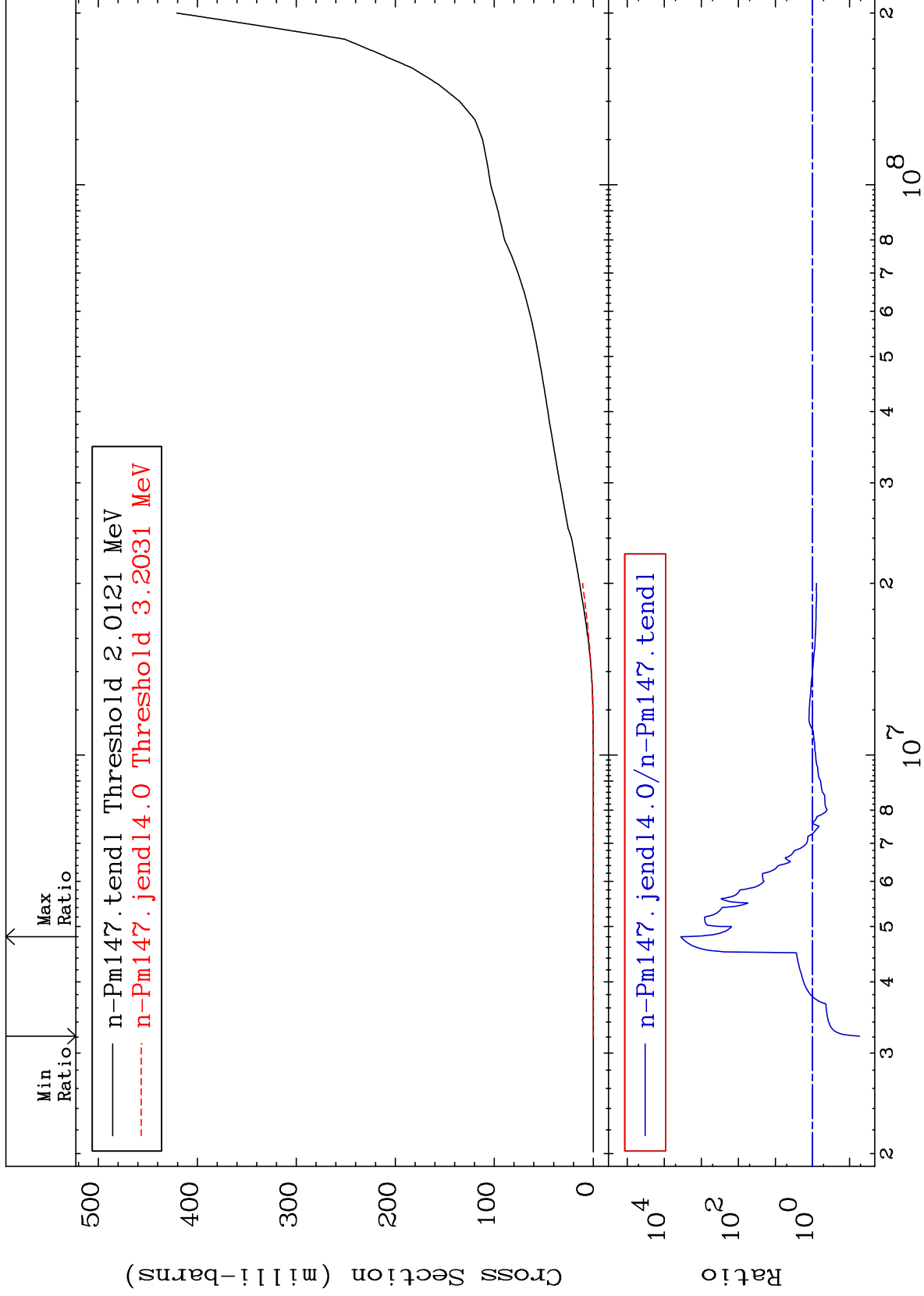


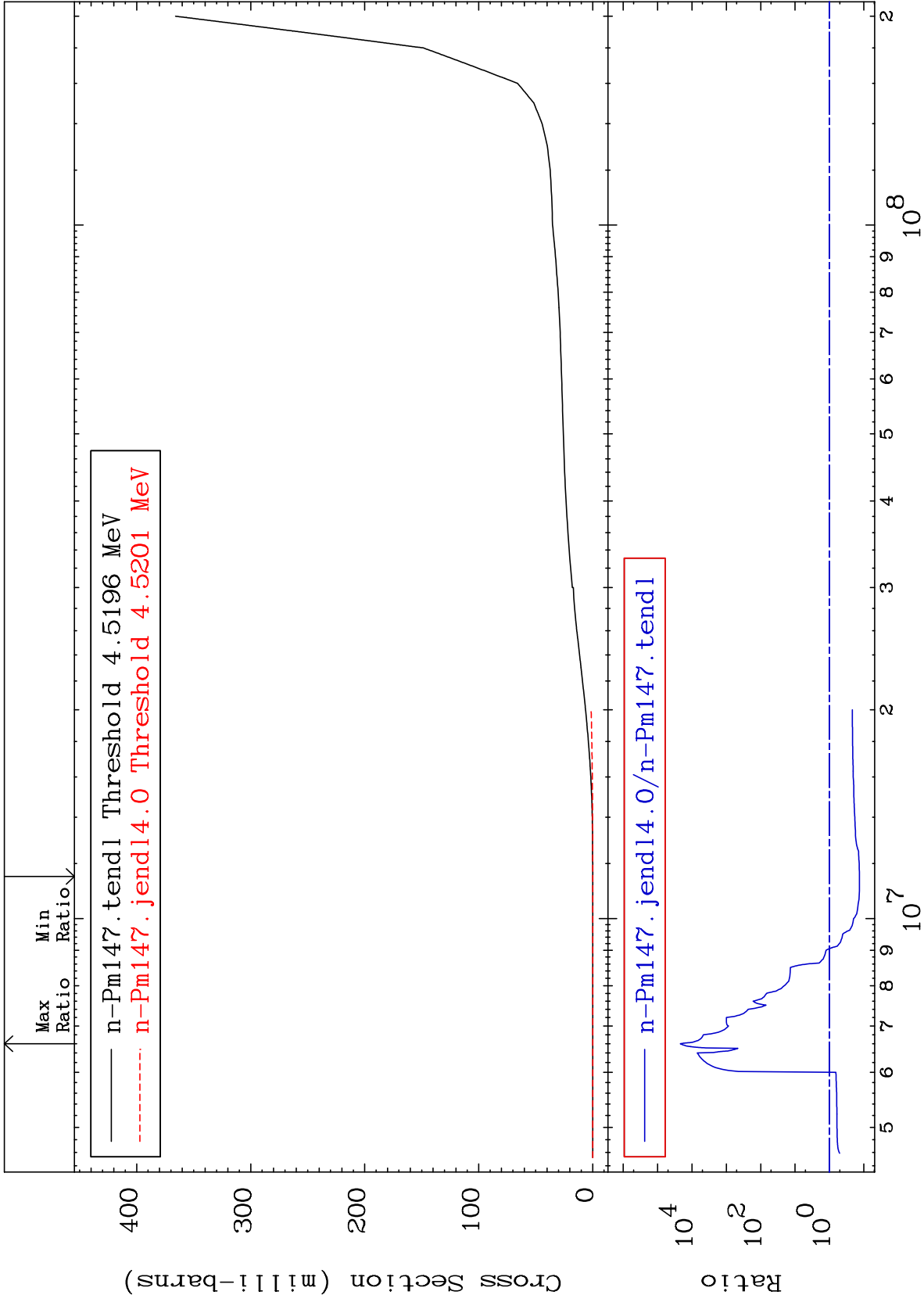
35

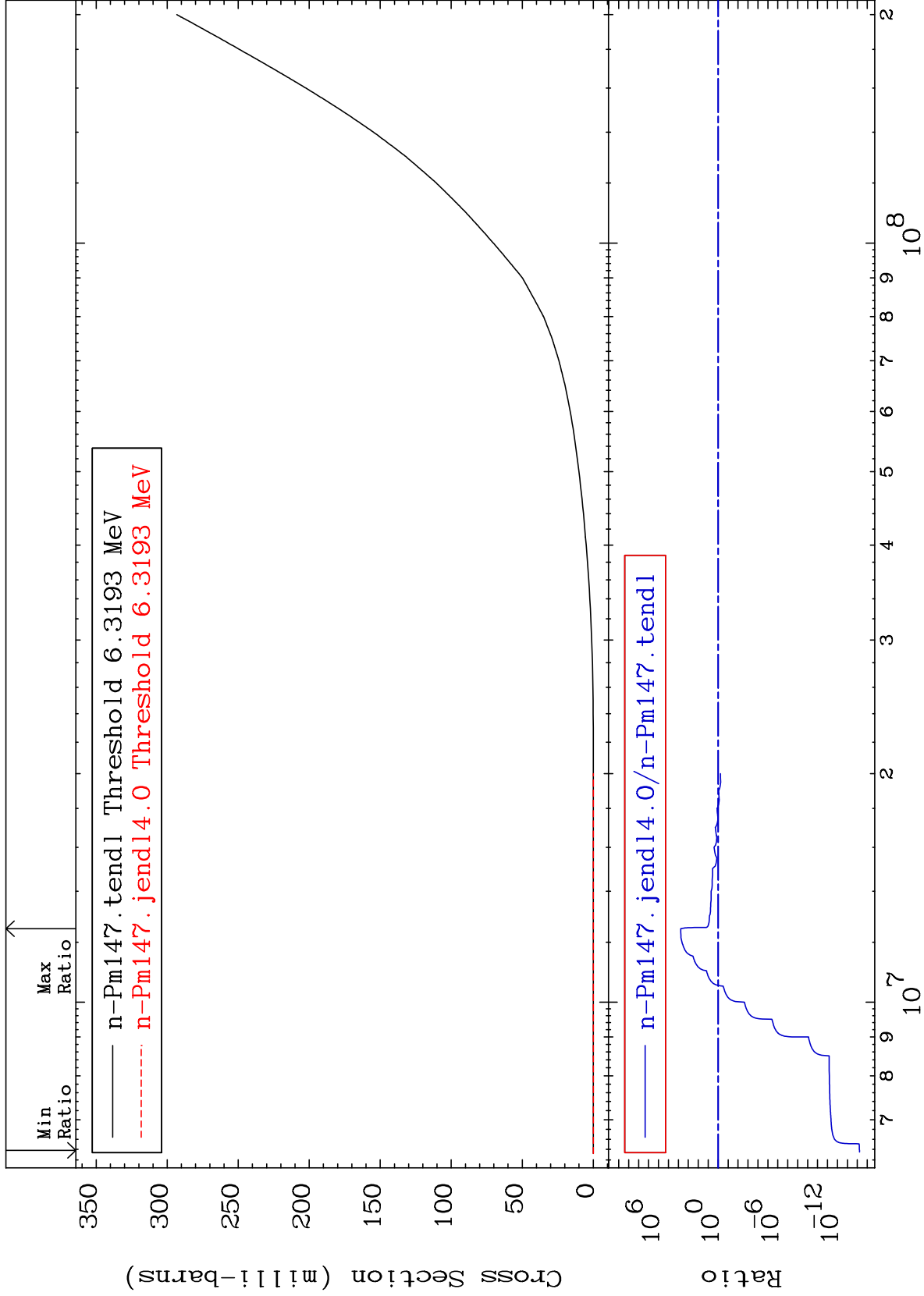
Incident Energy (eV)

61-Pm-147





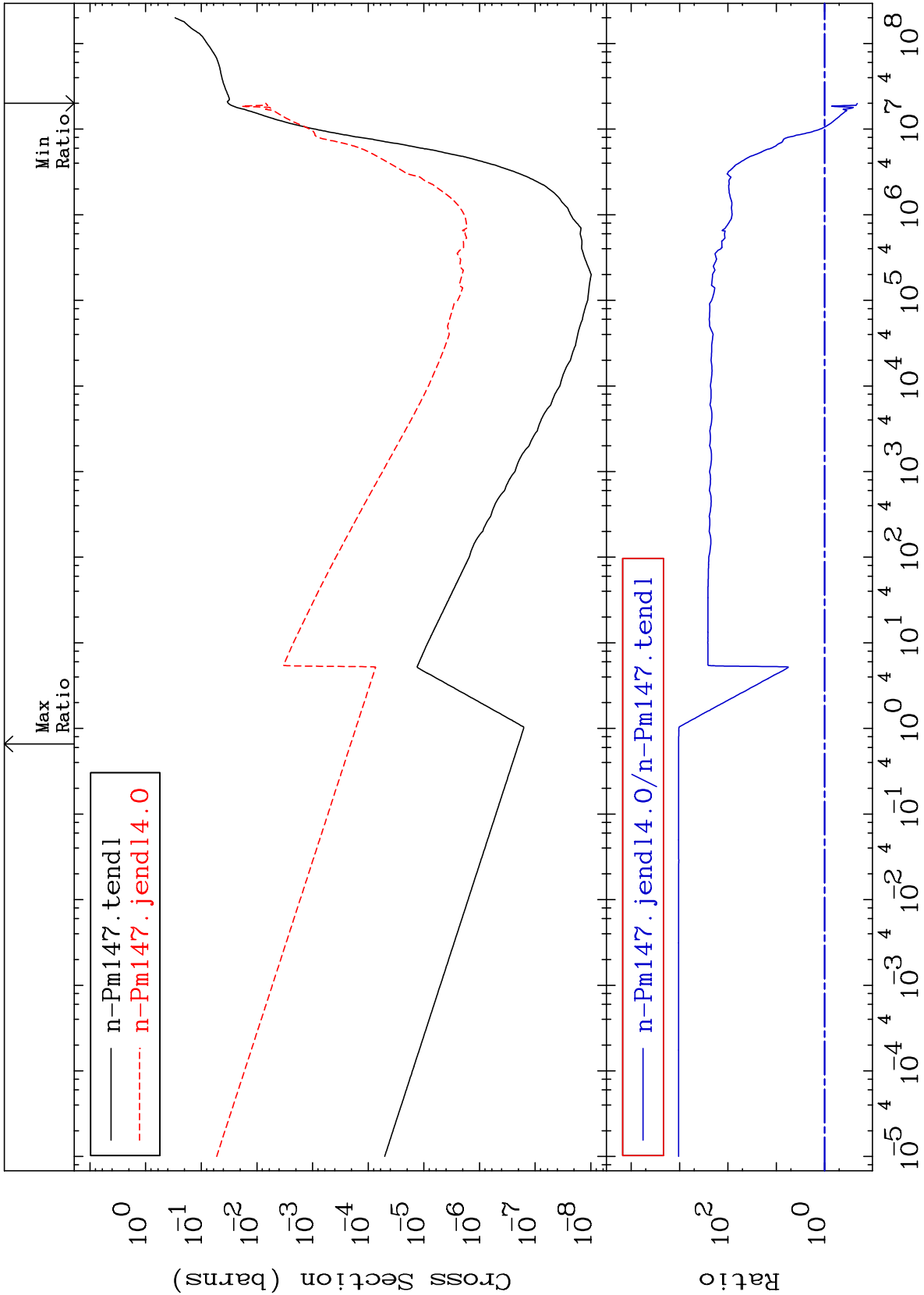




MAT 6149

He-4 Production
Cross Section

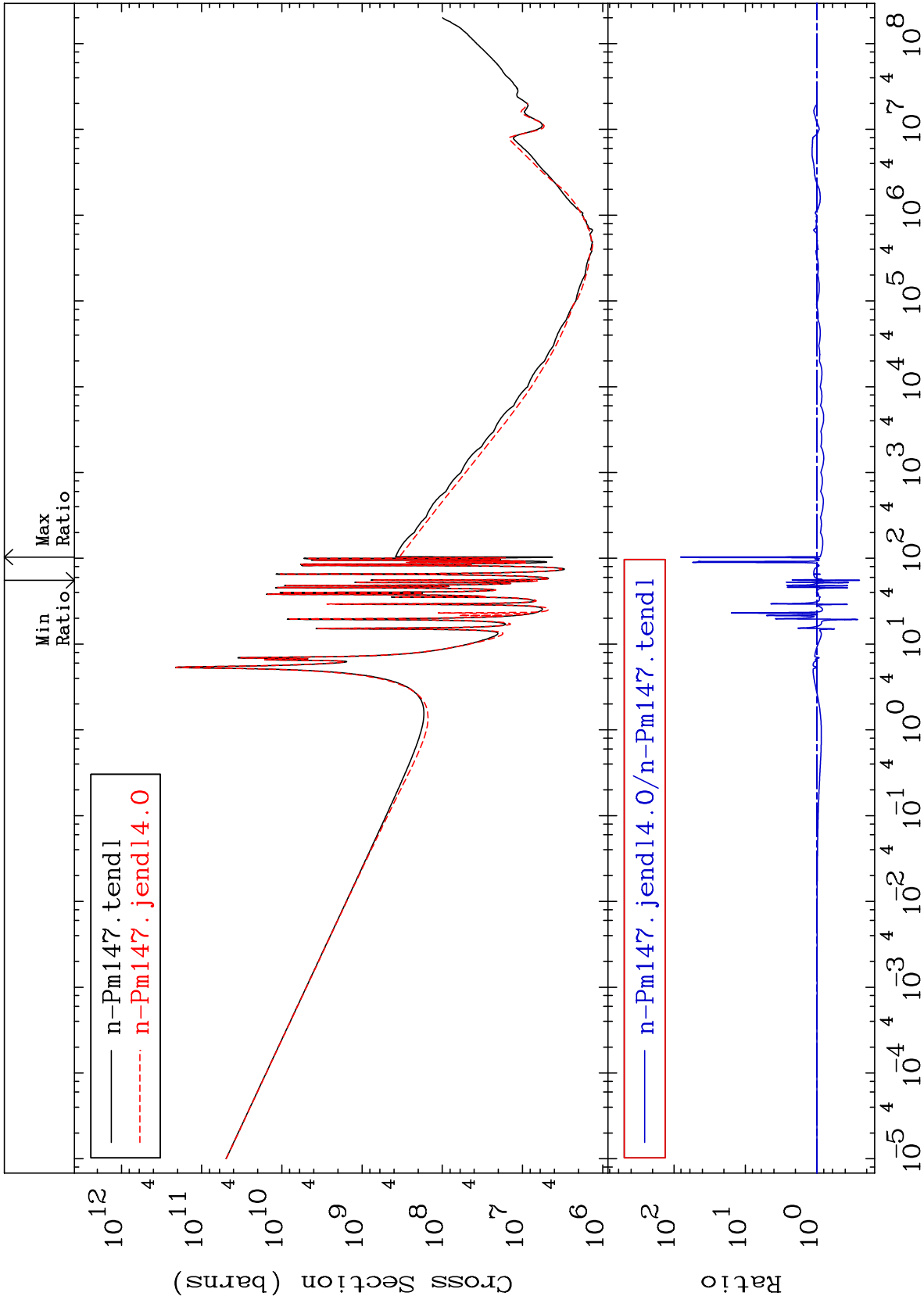
61-Pm-147
-78.91 To 9999. %

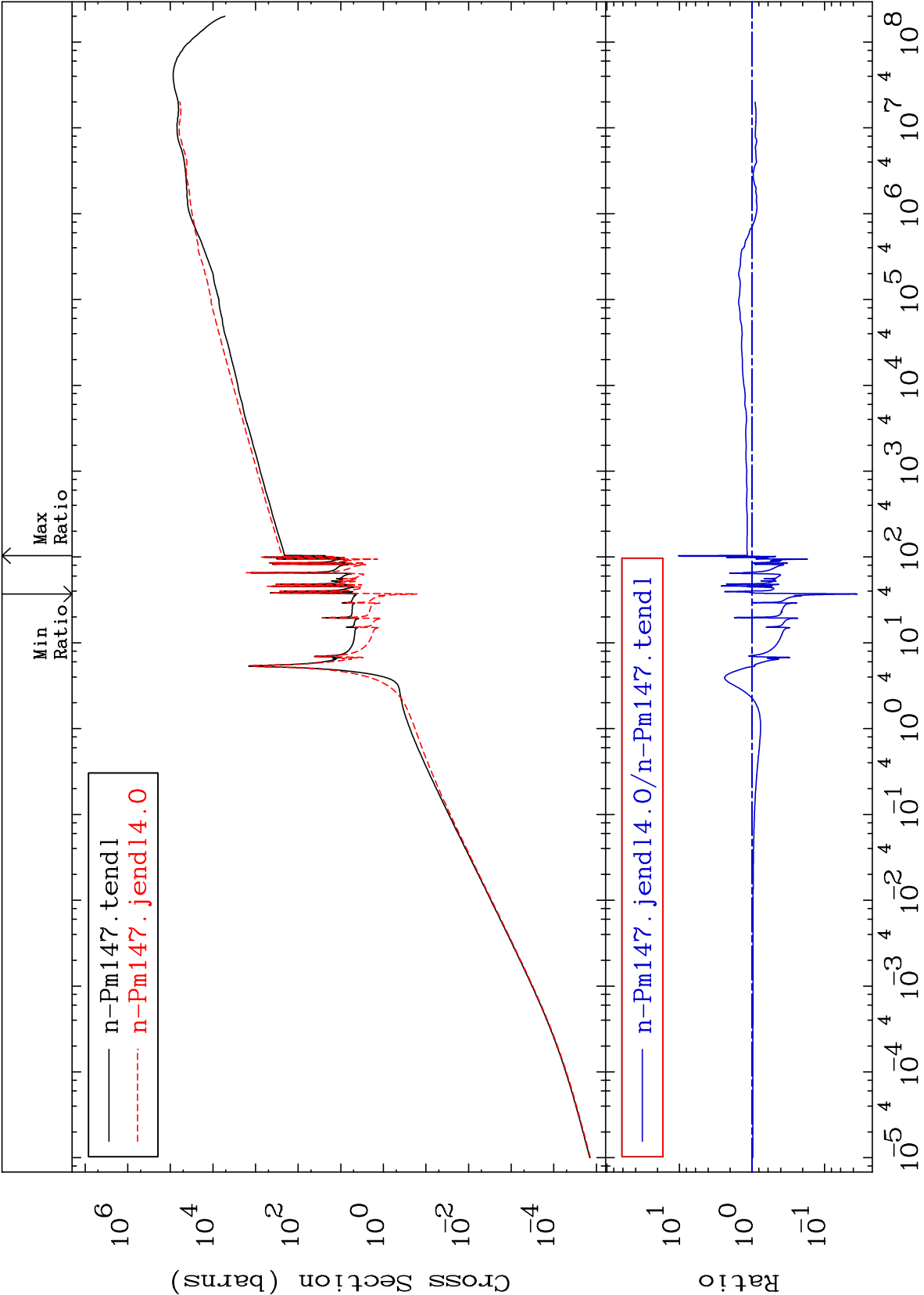


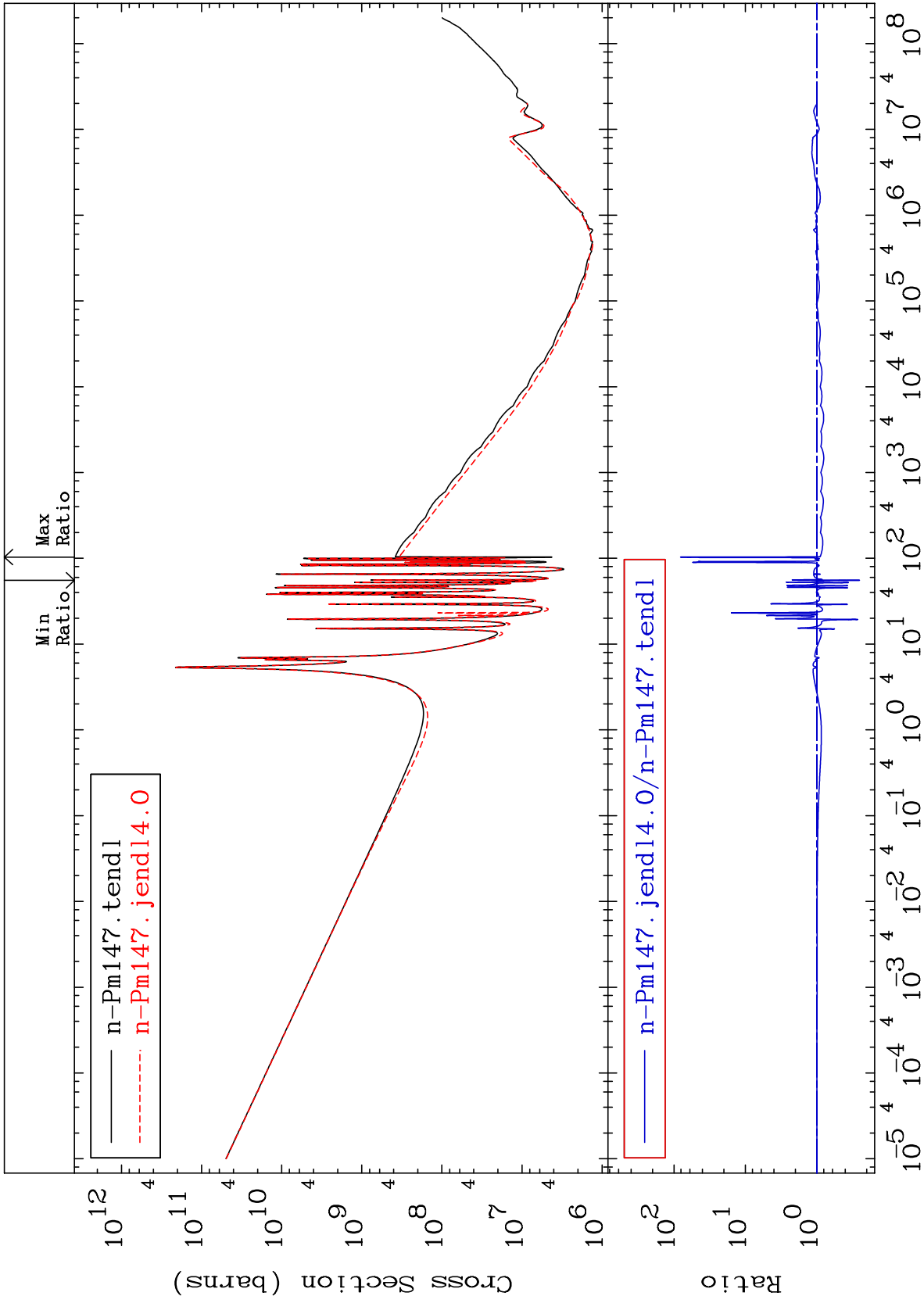
40

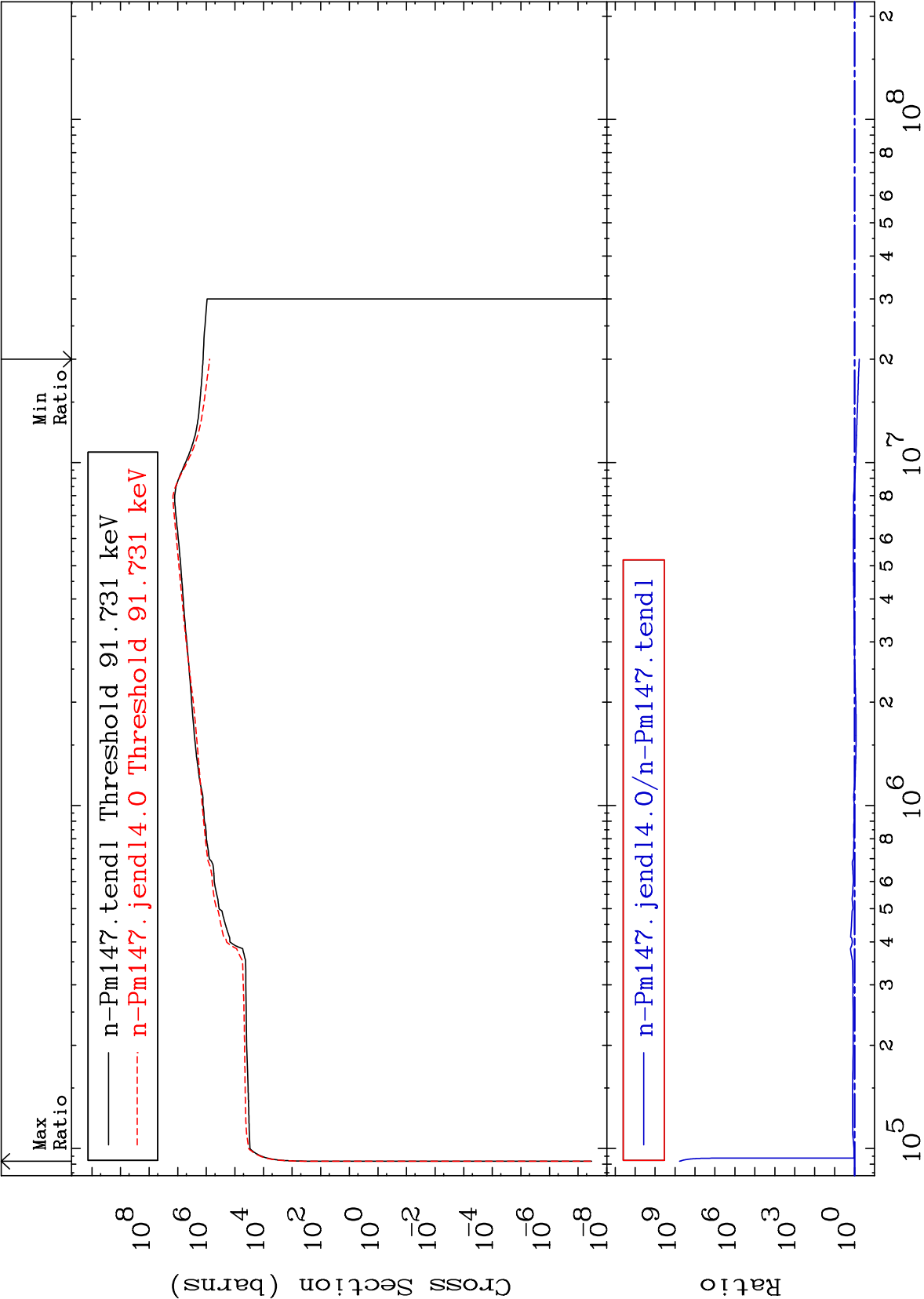
Incident Energy (eV)

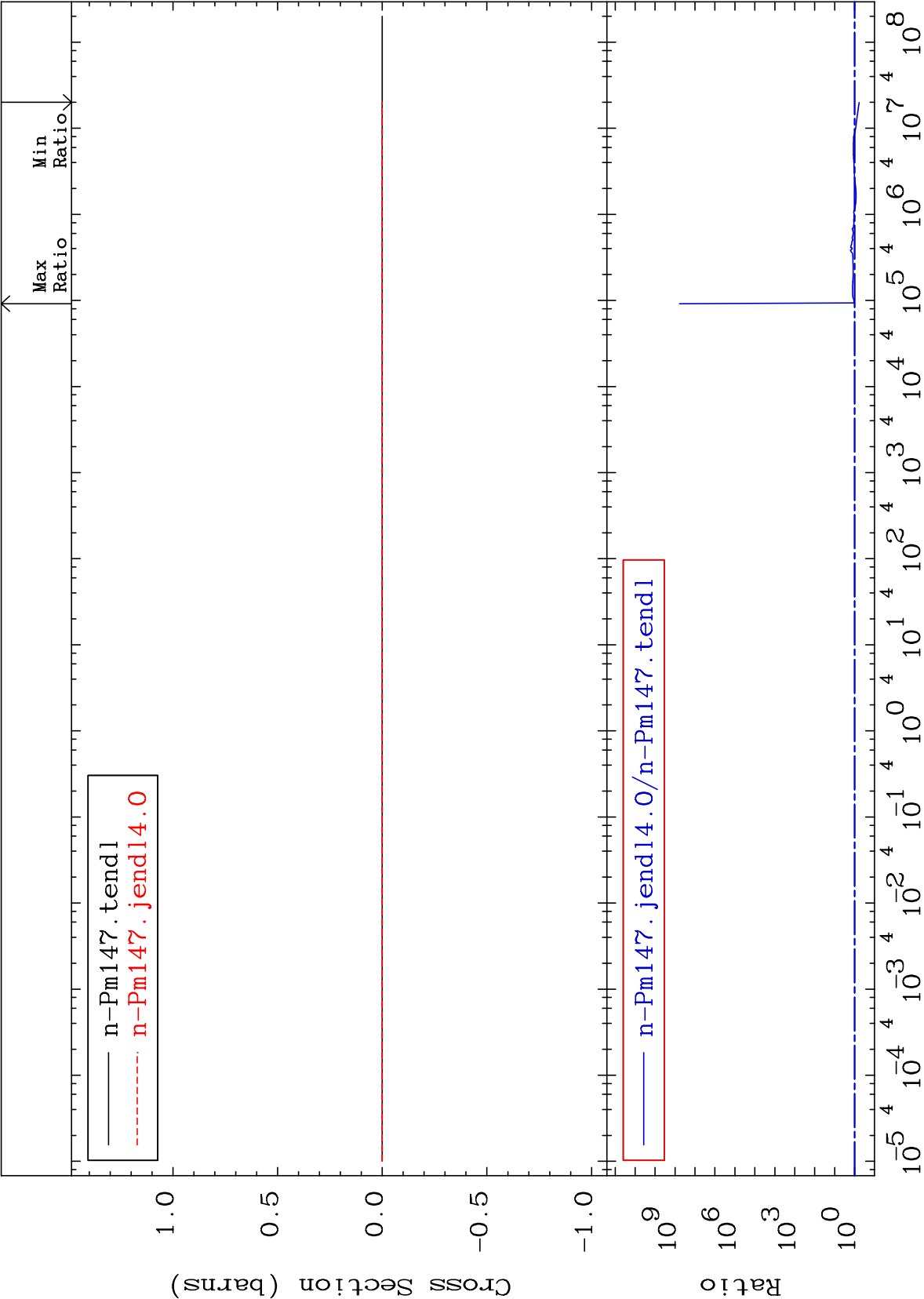
61-Pm-147

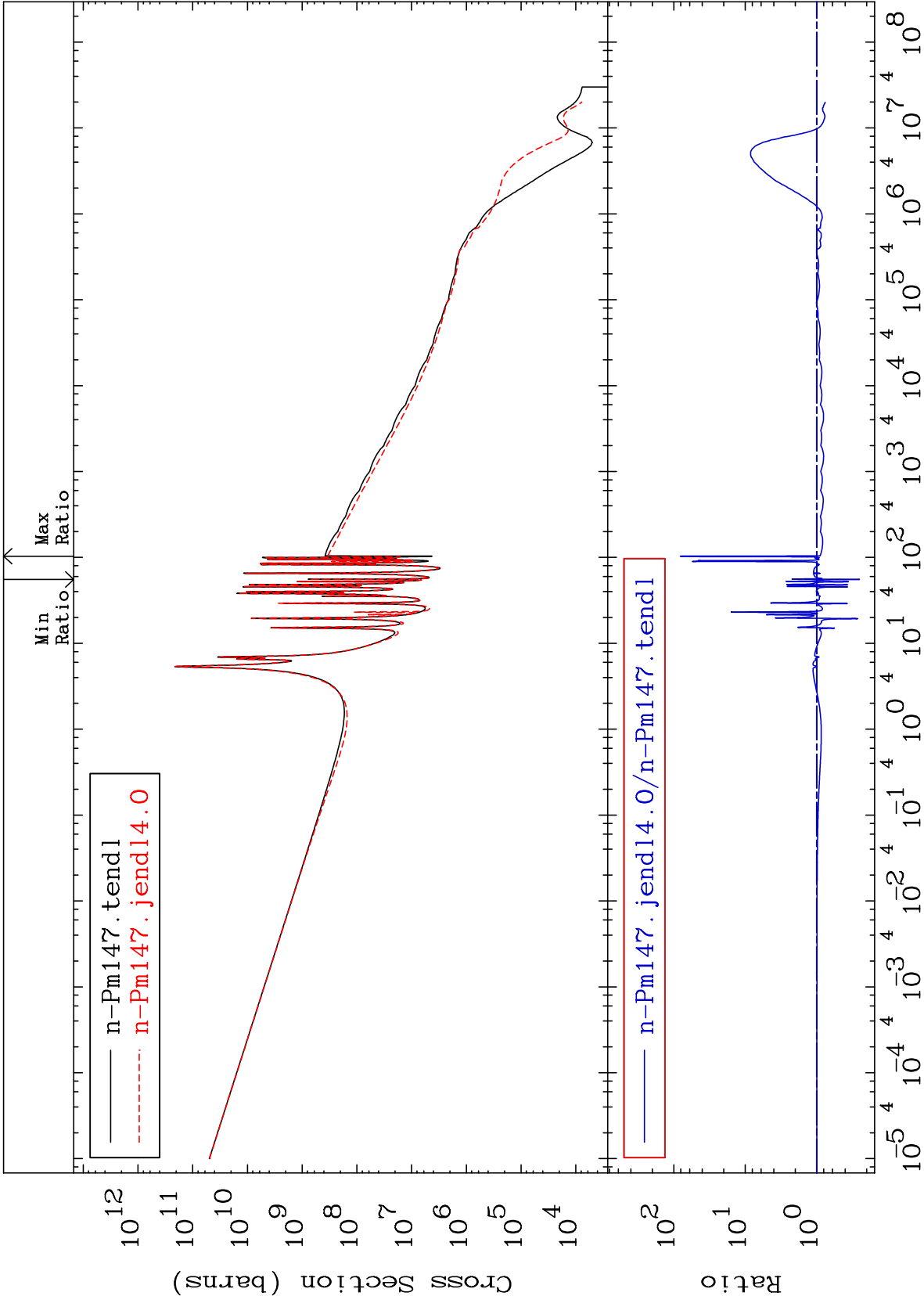


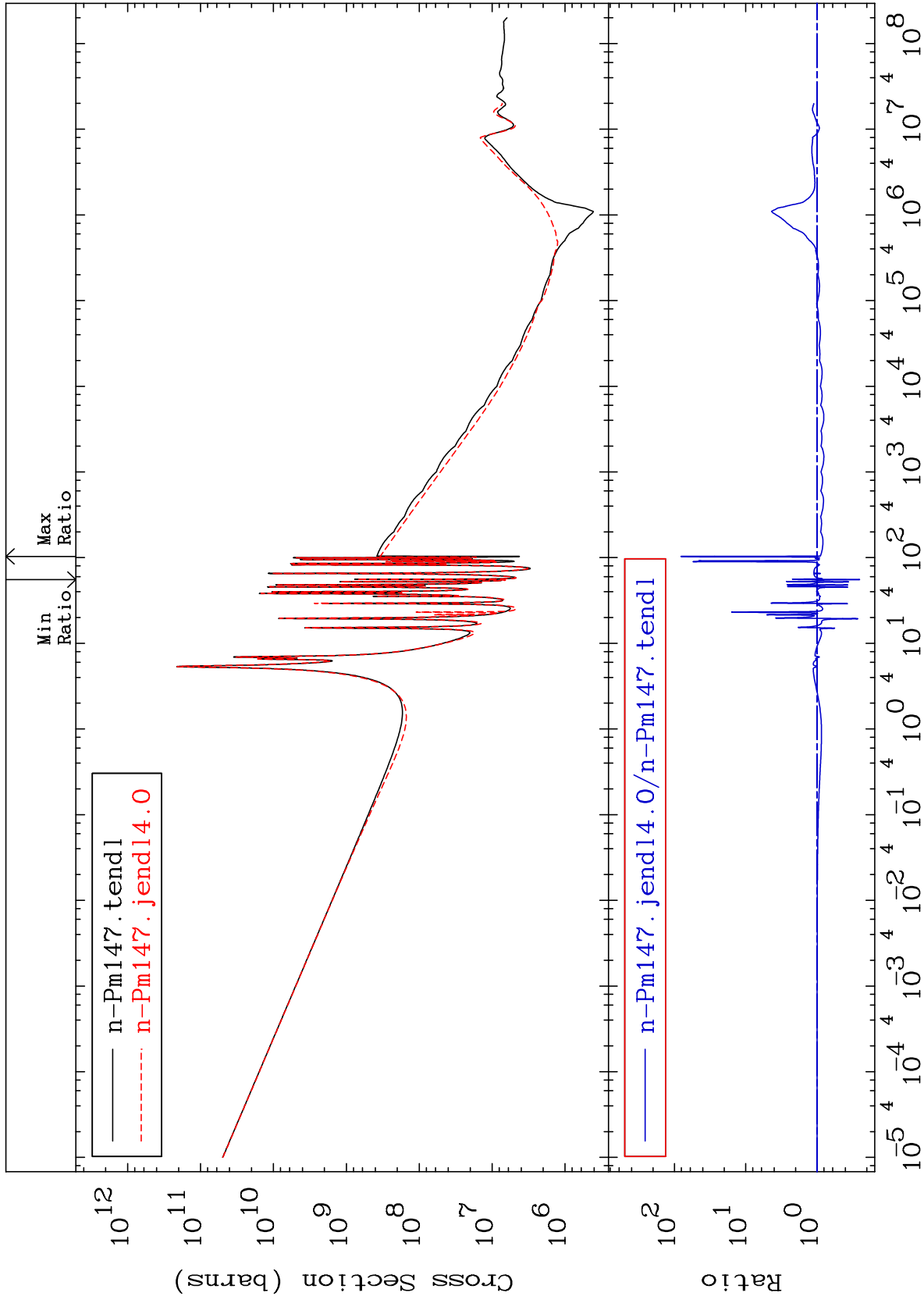


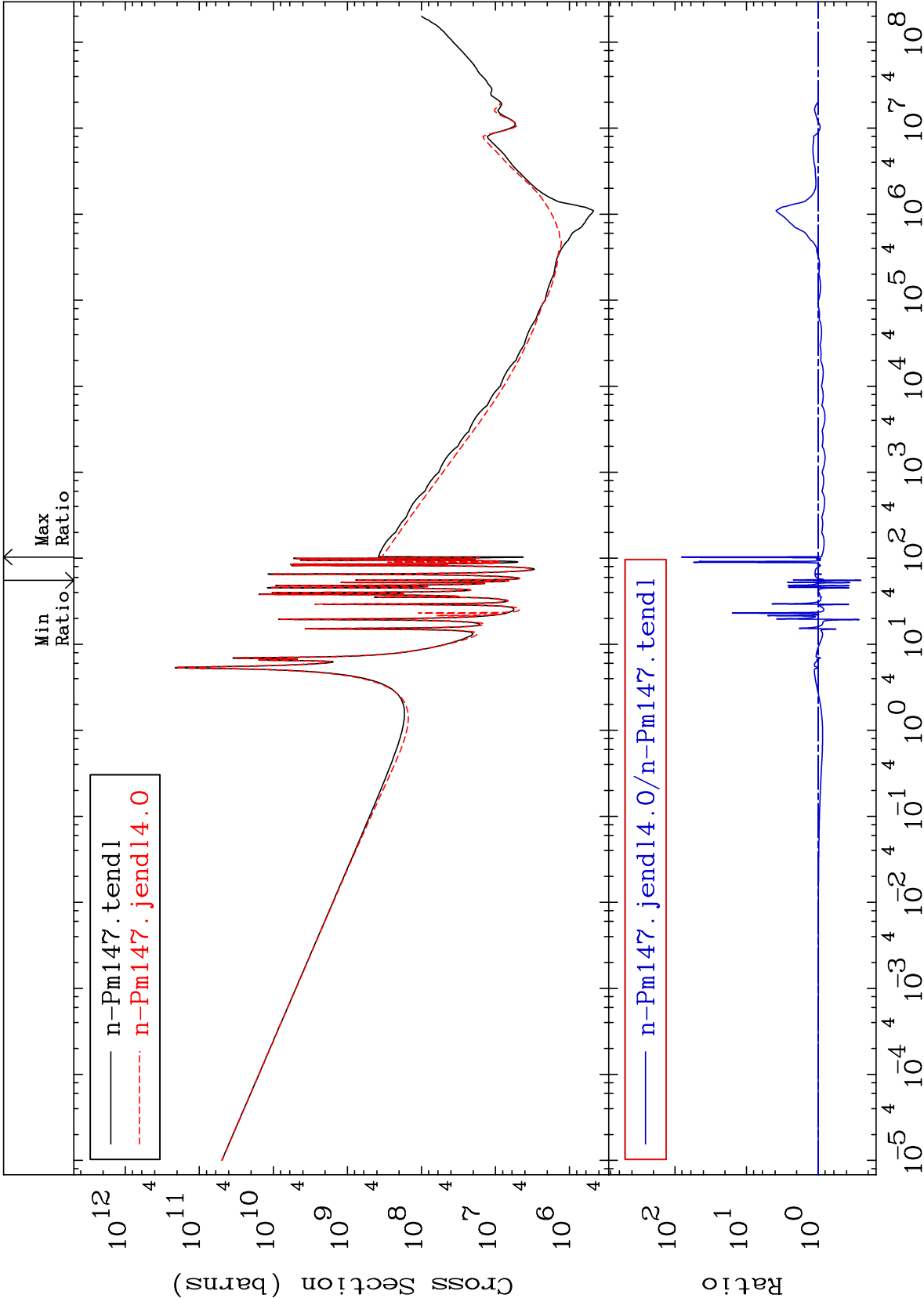


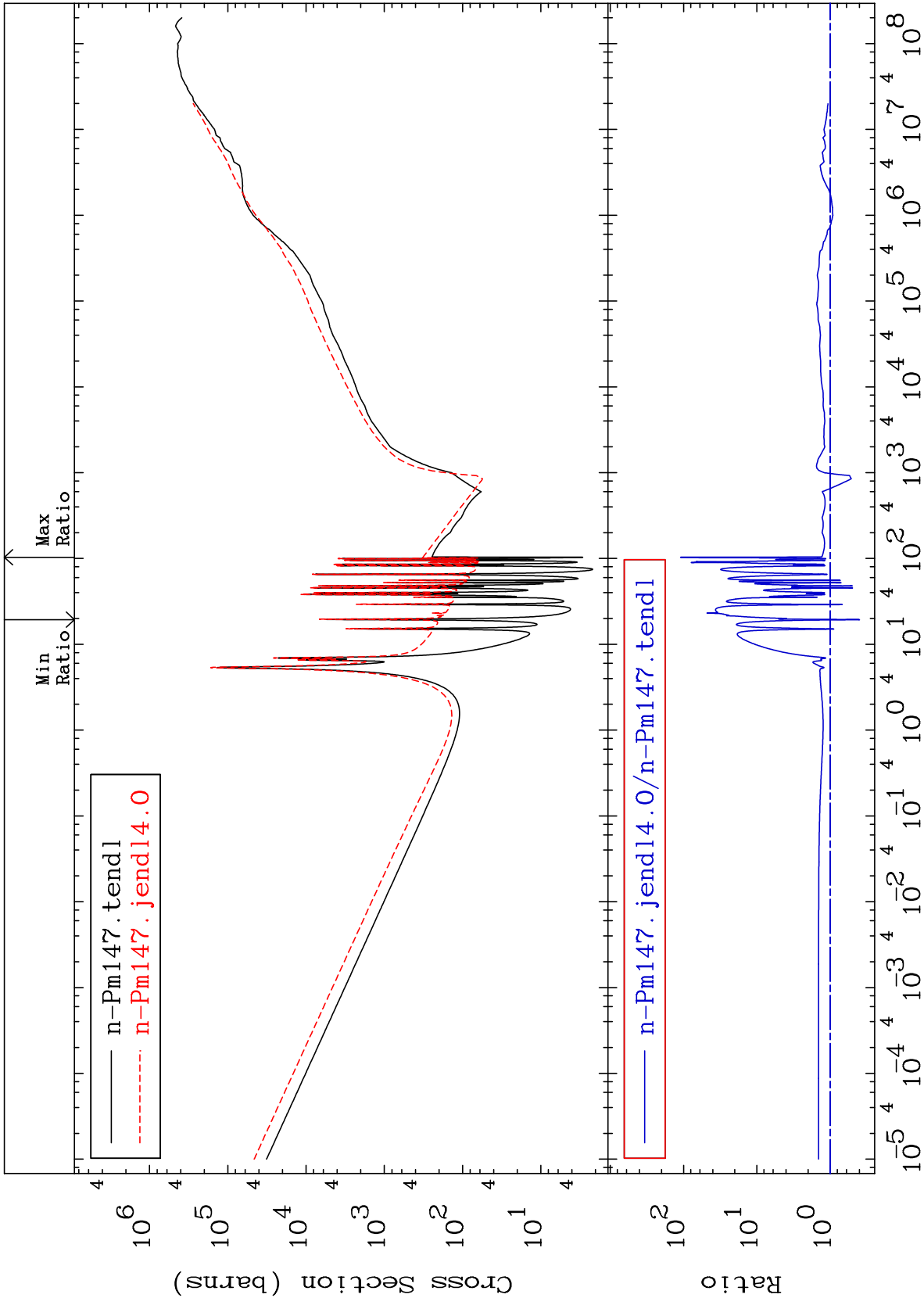








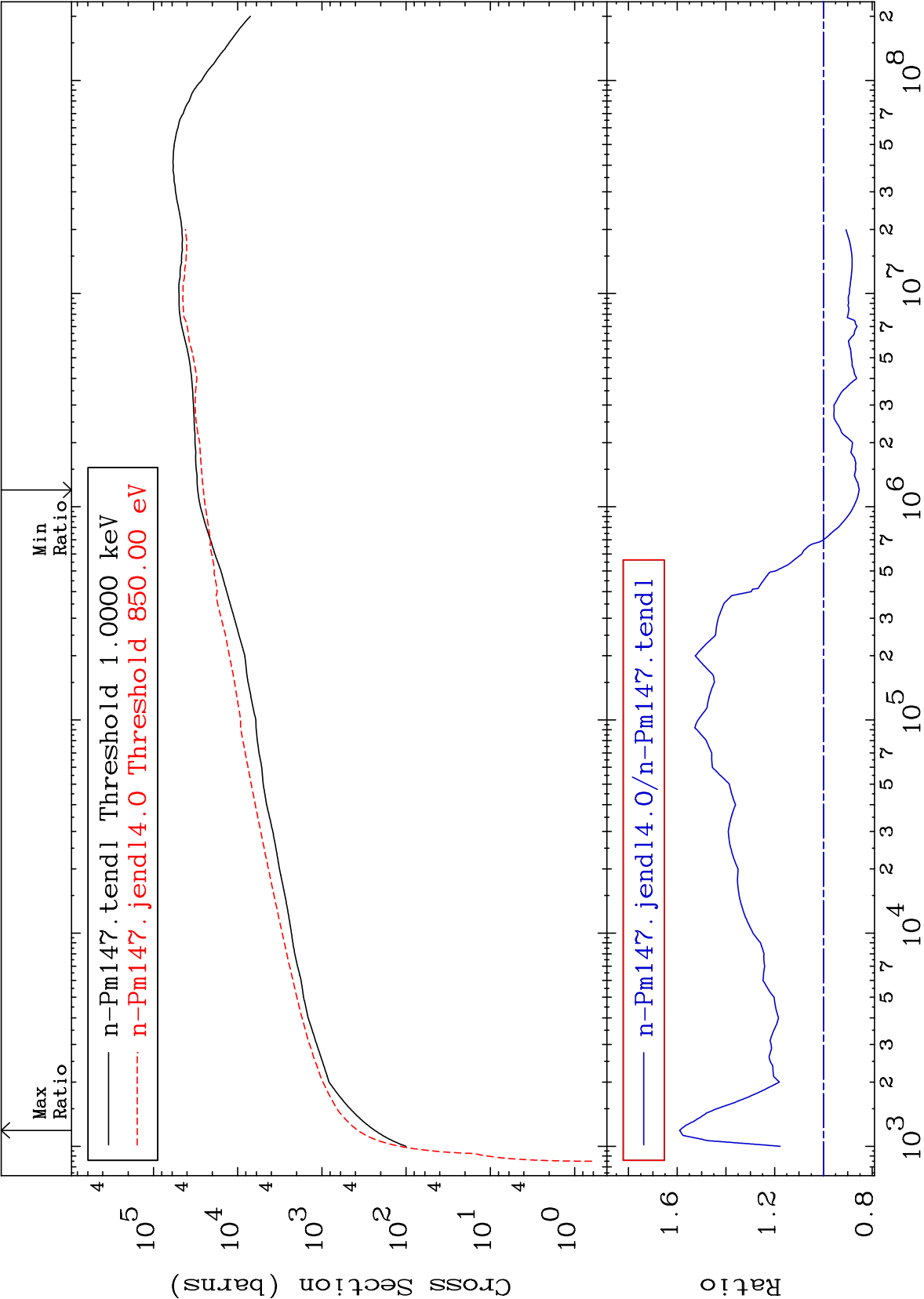




MAT 6149

Dpa elastic (mt2)
Cross Section

61-Pm-147
-14.69 To 59.05 %



MAT 6149

Dpa inelastic (mt51-91)

61-Pm-147

Cross Section

-2.946 To 9999. %

