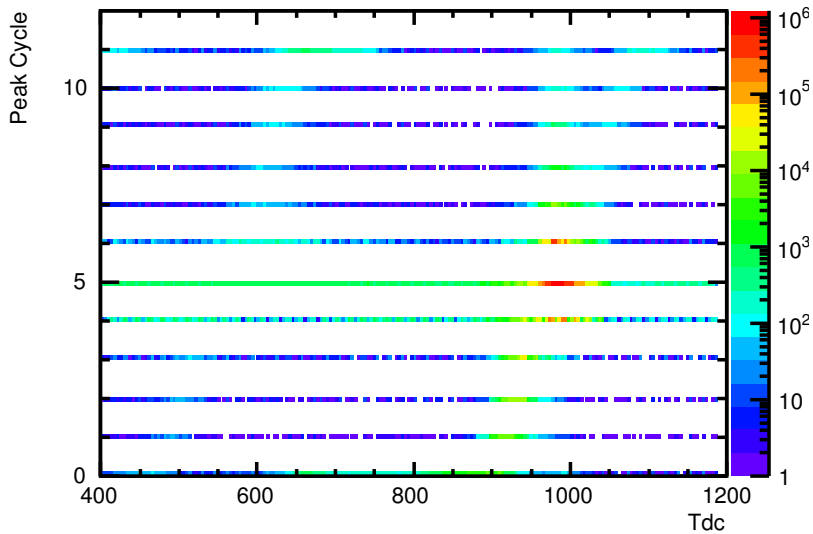


Rolling Gain studies

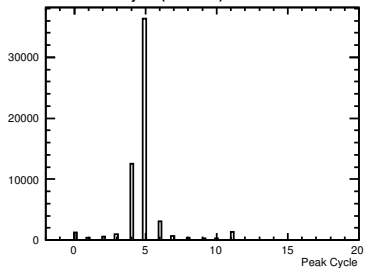
Qing He, Zhe Wang

Dayabay Collaboration

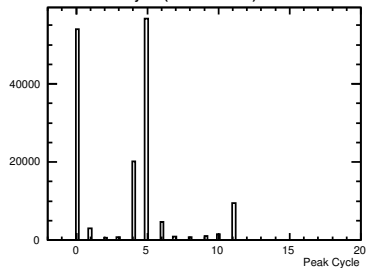
Run 5773 PeakCycle vs Tdc



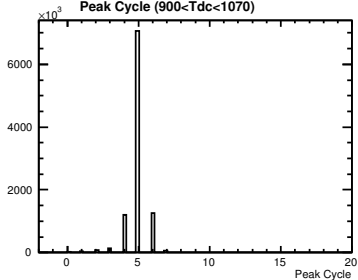
Peak Cycle (Tdc<600)



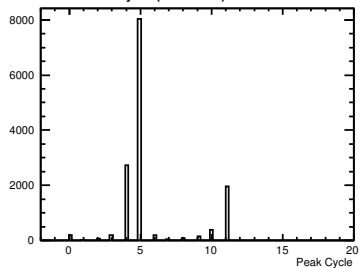
Peak Cycle (600<Tdc<900)

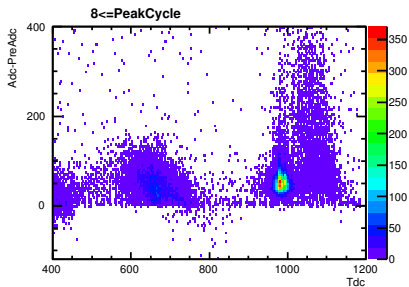
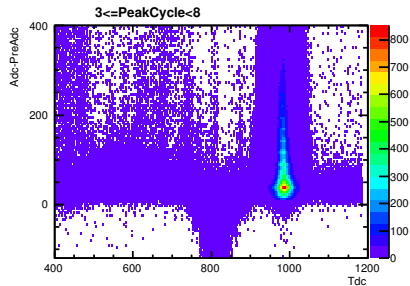
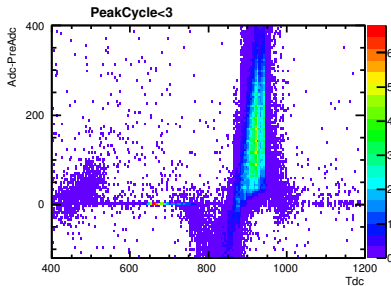


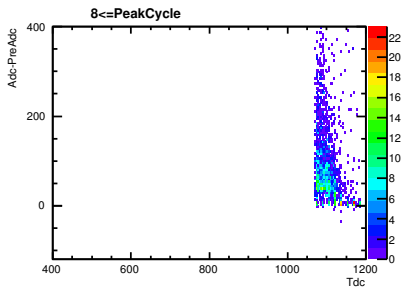
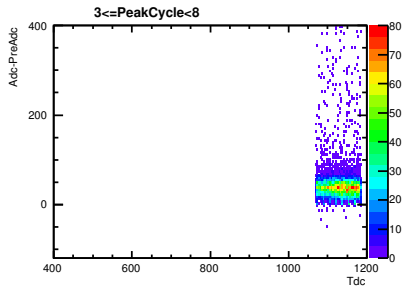
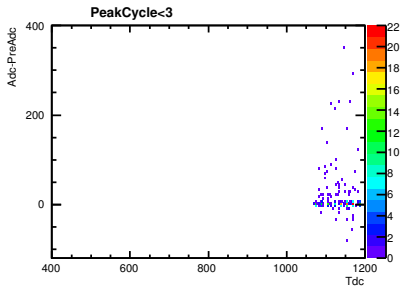
Peak Cycle (900<Tdc<1070)



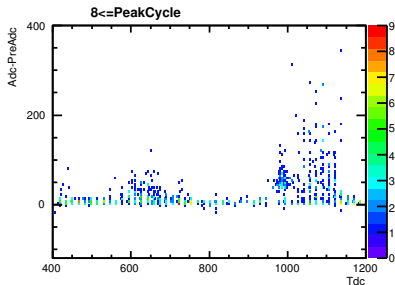
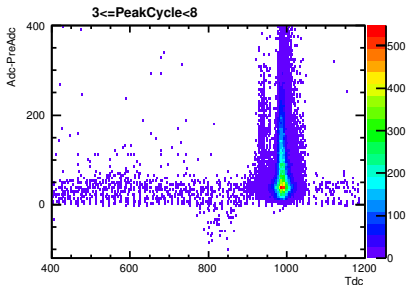
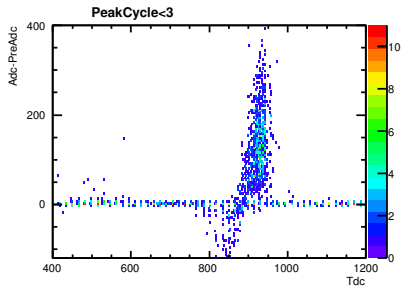
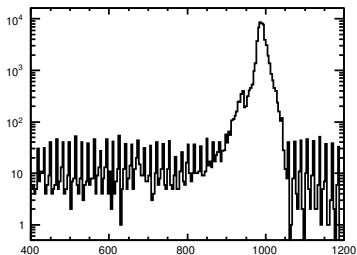
Peak Cycle (1070<Tdc)



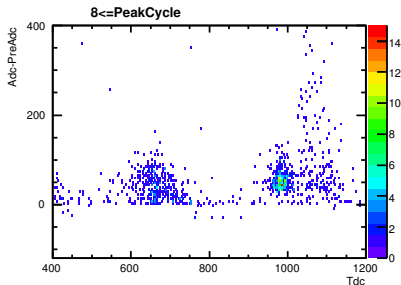
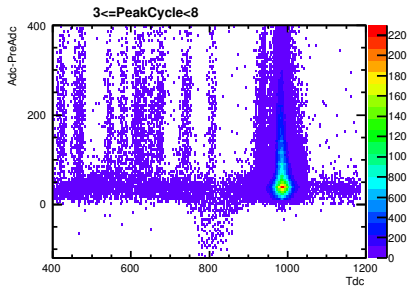
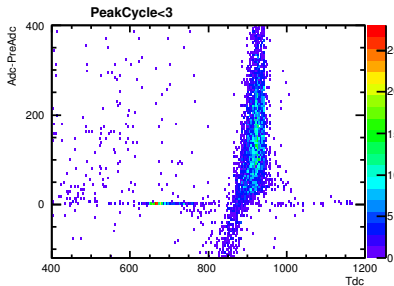




40 M Hz noise (Ring,Column)=(0,4)

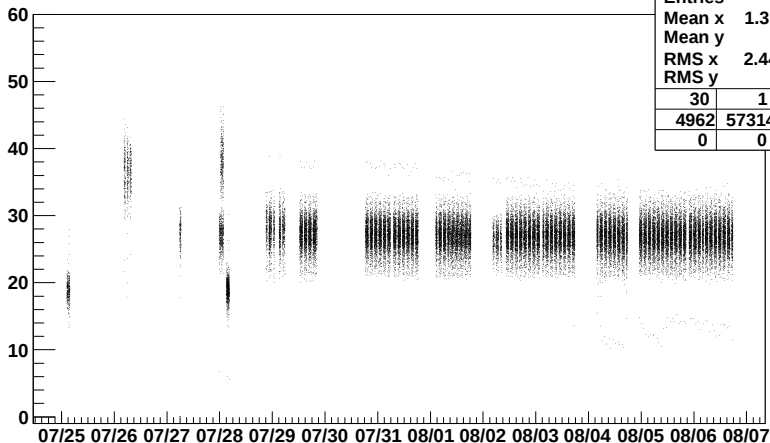


After pulse ($\Delta T < 20\mu S$)



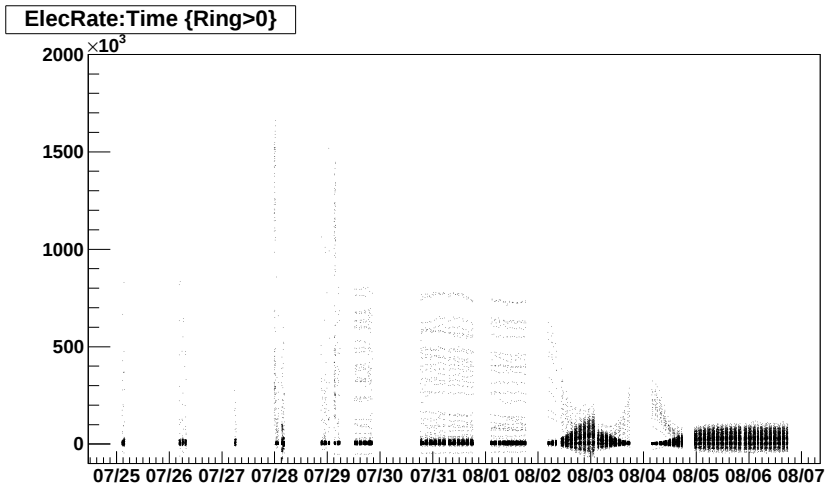
Gain vs Time

Spe:Time {Ring>0}

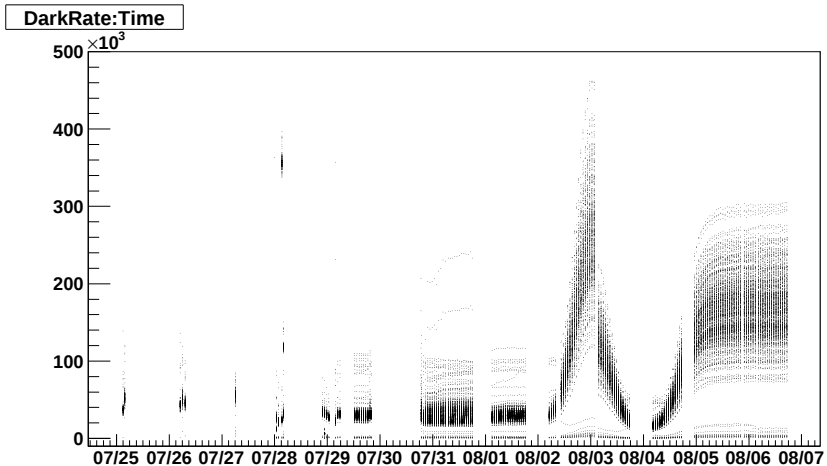


h1		
Entries	62307	
Mean x	1.312e+09	
Mean y	26.98	
RMS x	2.449e+05	
RMS y	2.789	
30	1	0
4962	57314	0
0	0	0

40 M Hz noise rate vs Time



Dark rate vs Time



- Gaosong and Wenqiang also saw strange behavior of dark rate.