

Calorimeter Trending Plots - 05 April 2018

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Calorimeter trending plots **Note: Due to LAT safeshold and restart on 2 April 2018, this 'week' only goes from 6-9 of April, but we've kept the same midweek naming convention.**

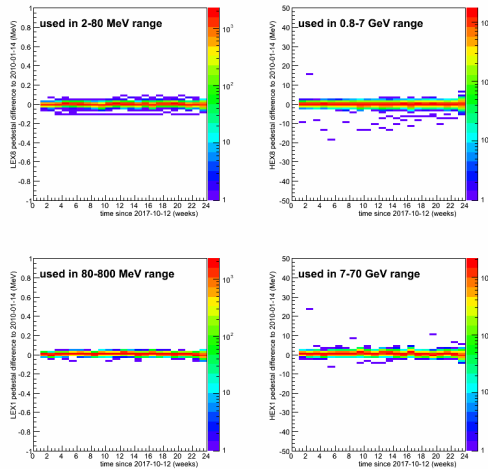
Dates use for trending week: MET (s) 544665605 to 545008000 (UTC 2018-04-06 00:00:00.0 to 2018-04-09 23:06:35.0)

Pedestals, thresholds, light asymmetry slope, and charge peaks for previous six months and mission lifetime. Pedestal quantities being trended are pedestal difference from reference epoch and pedestal rms. Thresholds are trended in MeV units for LAC, FLE, and FHE, and in ADC units for all three ranges of ULD transition.

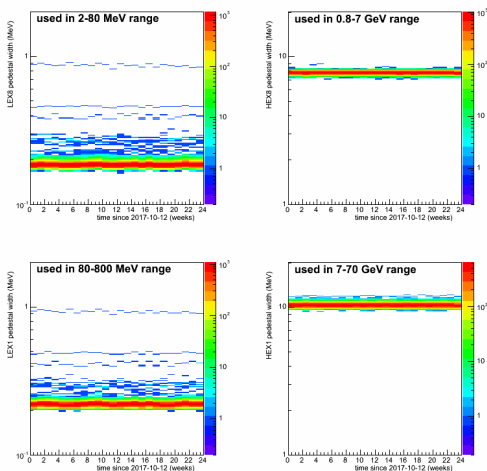
2D histograms contain 1536 or 3072 values per time slice. Each time slice is one week. Value indicated is average over one week.

24-week plots

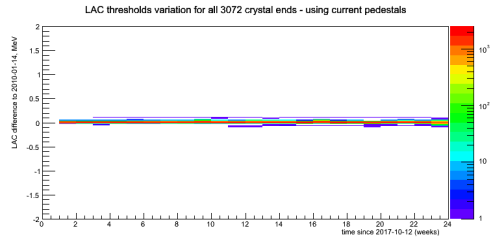
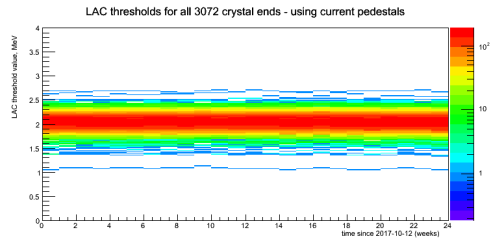
Reference epoch is Quarterly Review 3 to 6-epsilon months in the past.



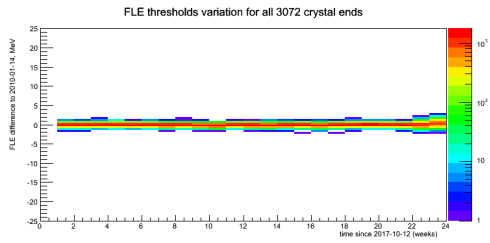
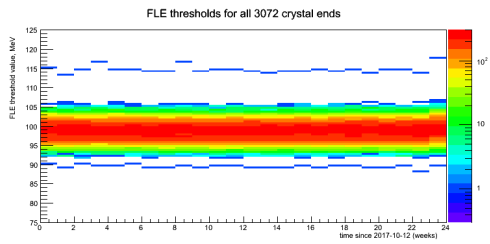
Pedestals:



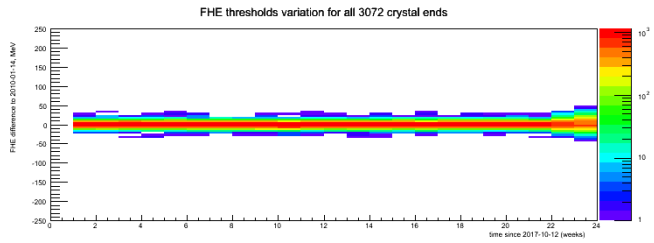
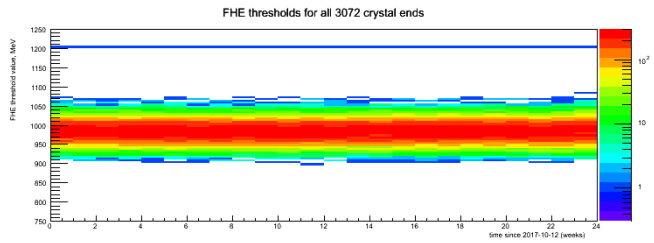
Pedestal widths:



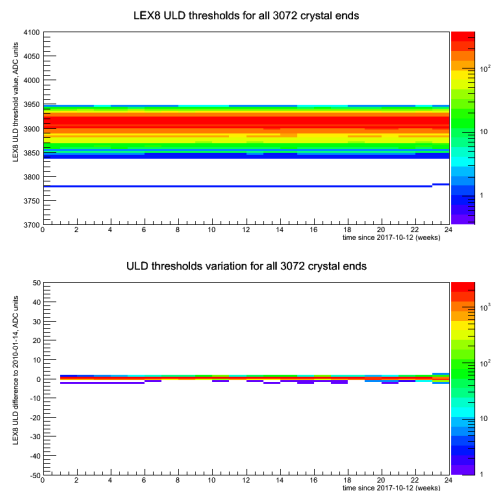
LAC thresholds:



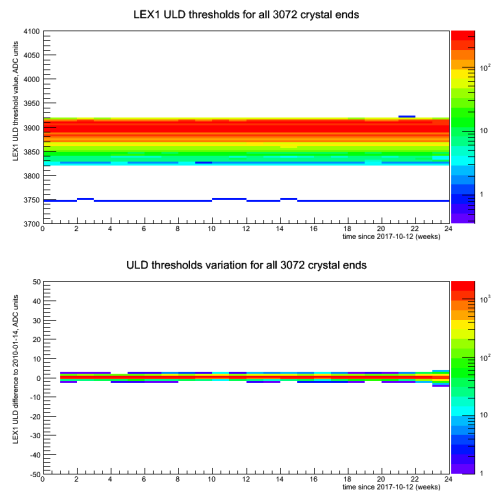
FLE thresholds:



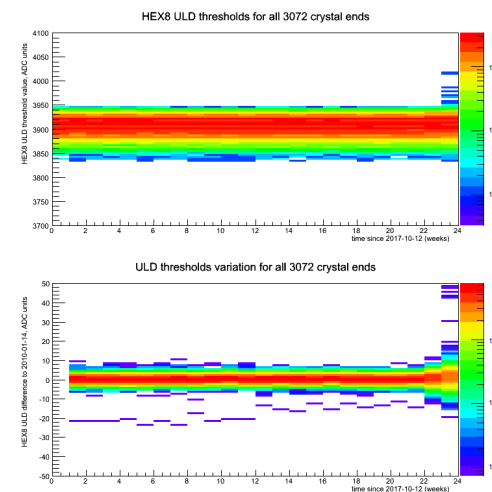
FHE thresholds:



ULD thresholds - LEX8:

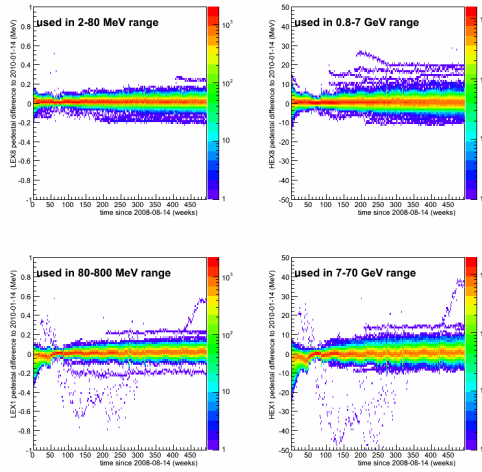


ULD thresholds - LEX1:

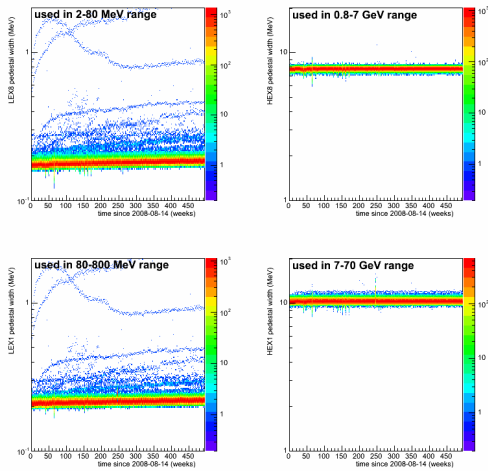


ULD thresholds - HEX8:

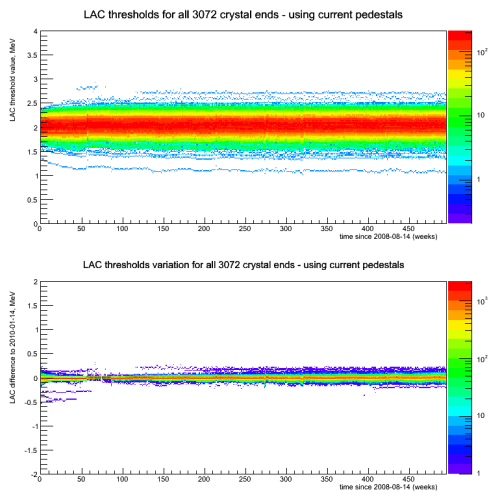
Mission Life Plots



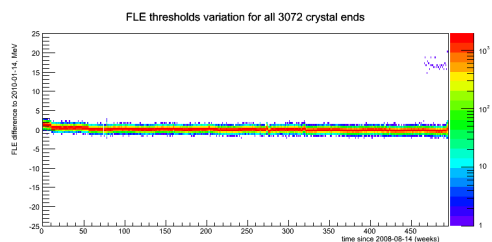
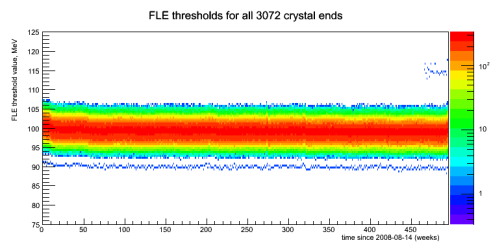
Pedestals:



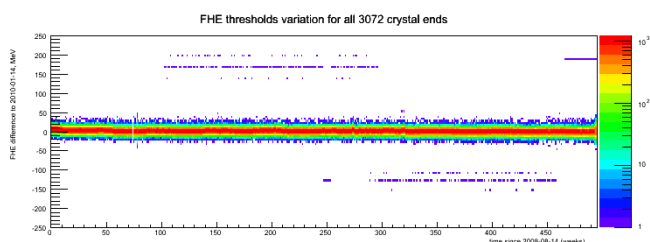
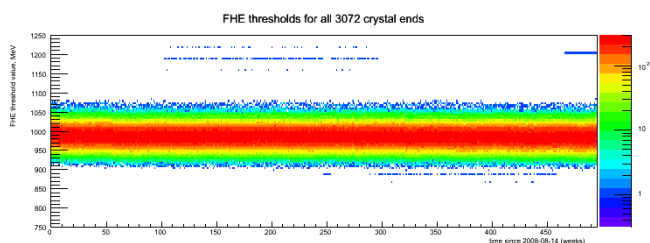
Pedestal widths:



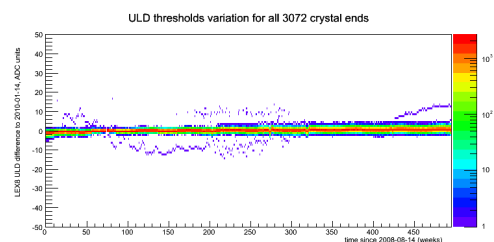
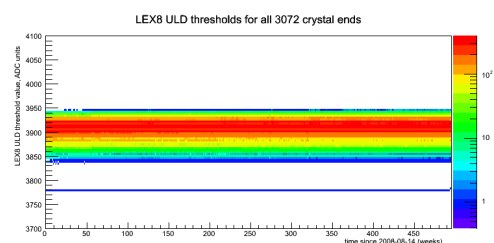
LAC thresholds:



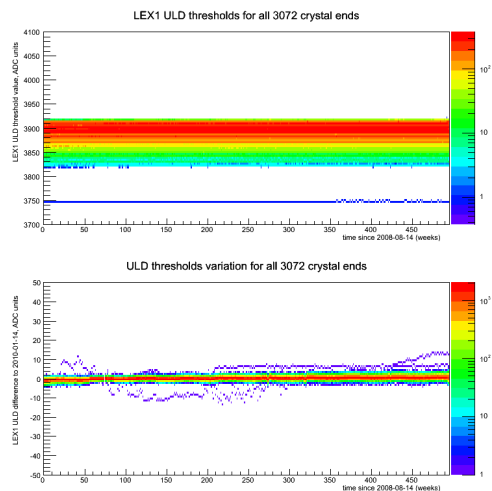
FLE thresholds:



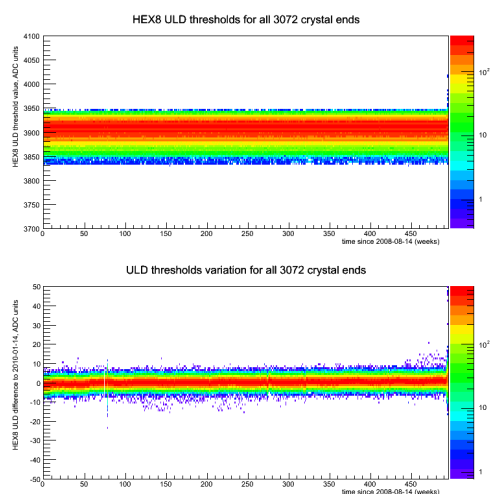
FHE thresholds:



ULD thresholds - LEX8:



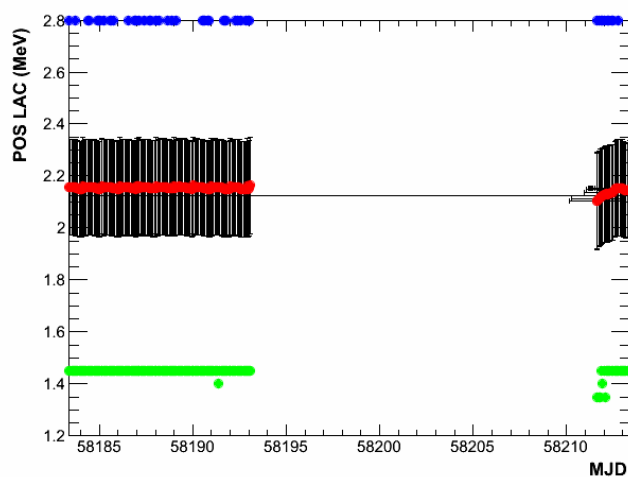
ULD thresholds - LEX1:



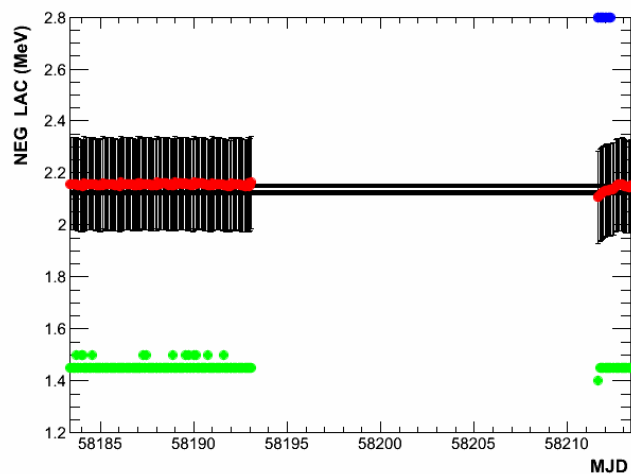
ULD thresholds - HEX8:

Averaged Values (in MJD) from David Sanchez

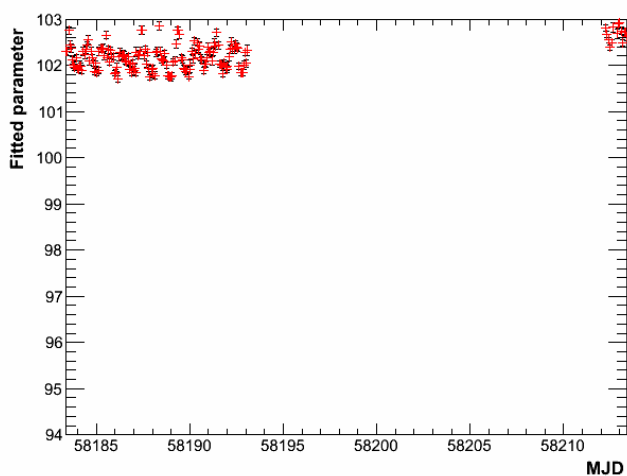
Plots run over a 30 day period, ending at the last date of the 'trending week'.



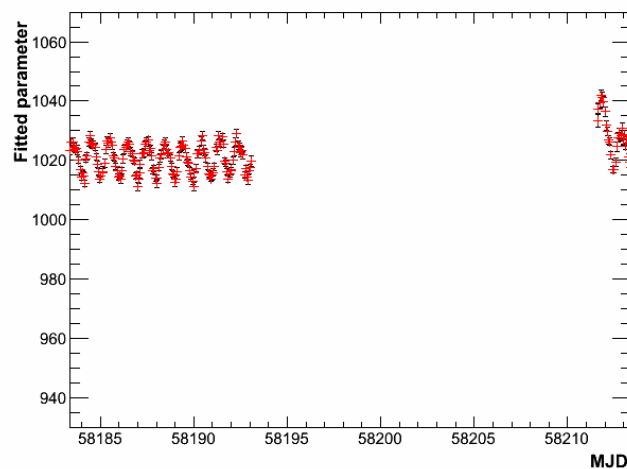
LAC pos thresholds:



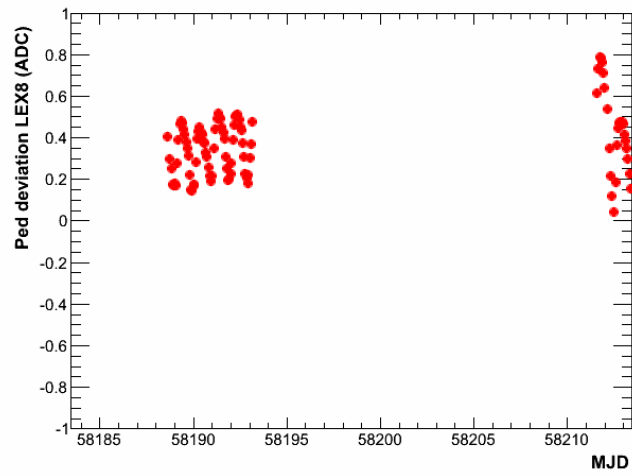
LAC neg thresholds:



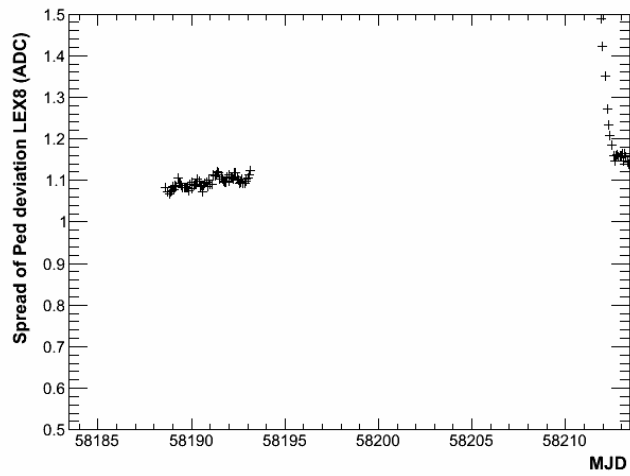
FLE thresholds:



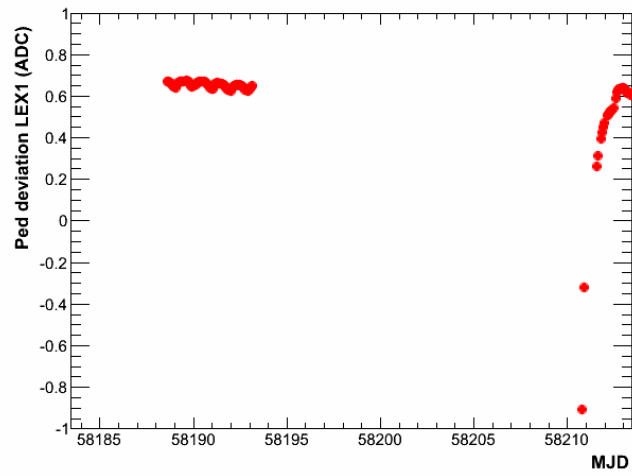
FHE thresholds:



Mean Pedestal Deviations - LEX8:

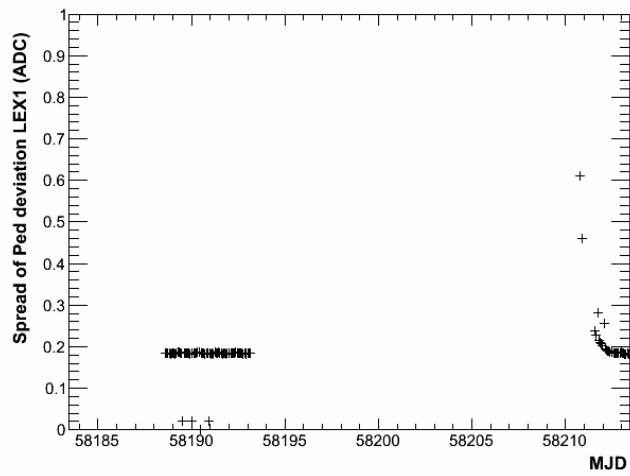


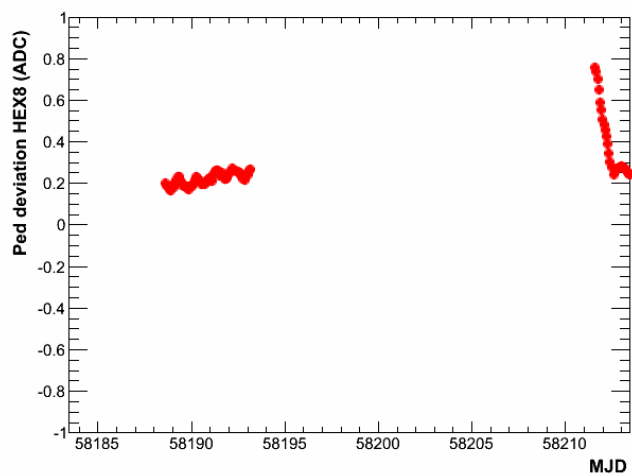
Pedestal Deviation Spread:



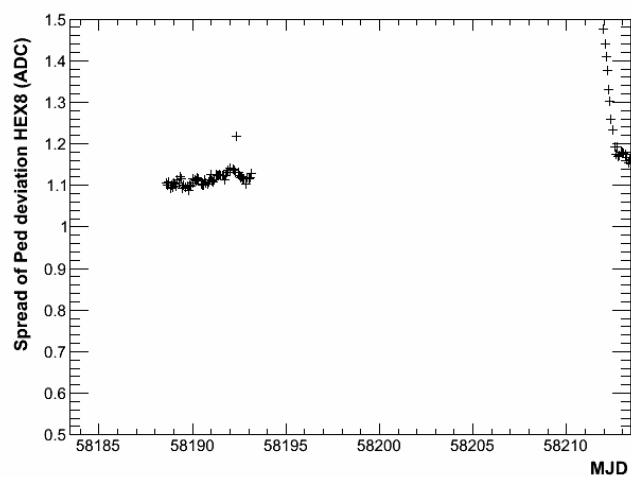
Mean Pedestal Deviations - LEX1:

Pedestal Deviation Spread:

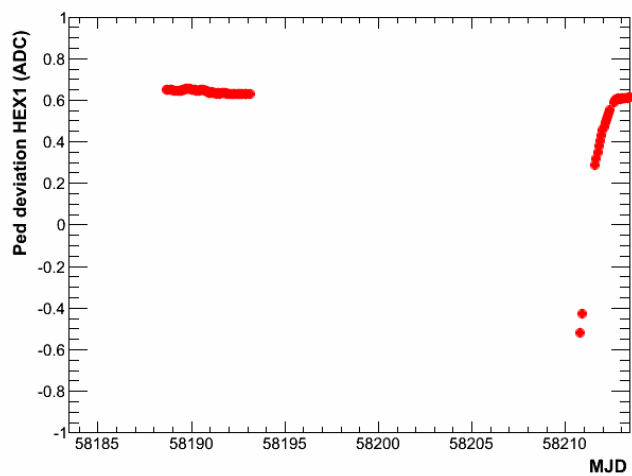




Mean Pedestal Deviations - HEX8:



Pedestal Deviation Spread:



Mean Pedestal Deviations - HEX1:

Pedestal Deviation Spread:

