

Analysis updates

Calibration (SHMS), HGC

The calibration of 10 GeV data has finally been completed after putting lots of effort into the code.

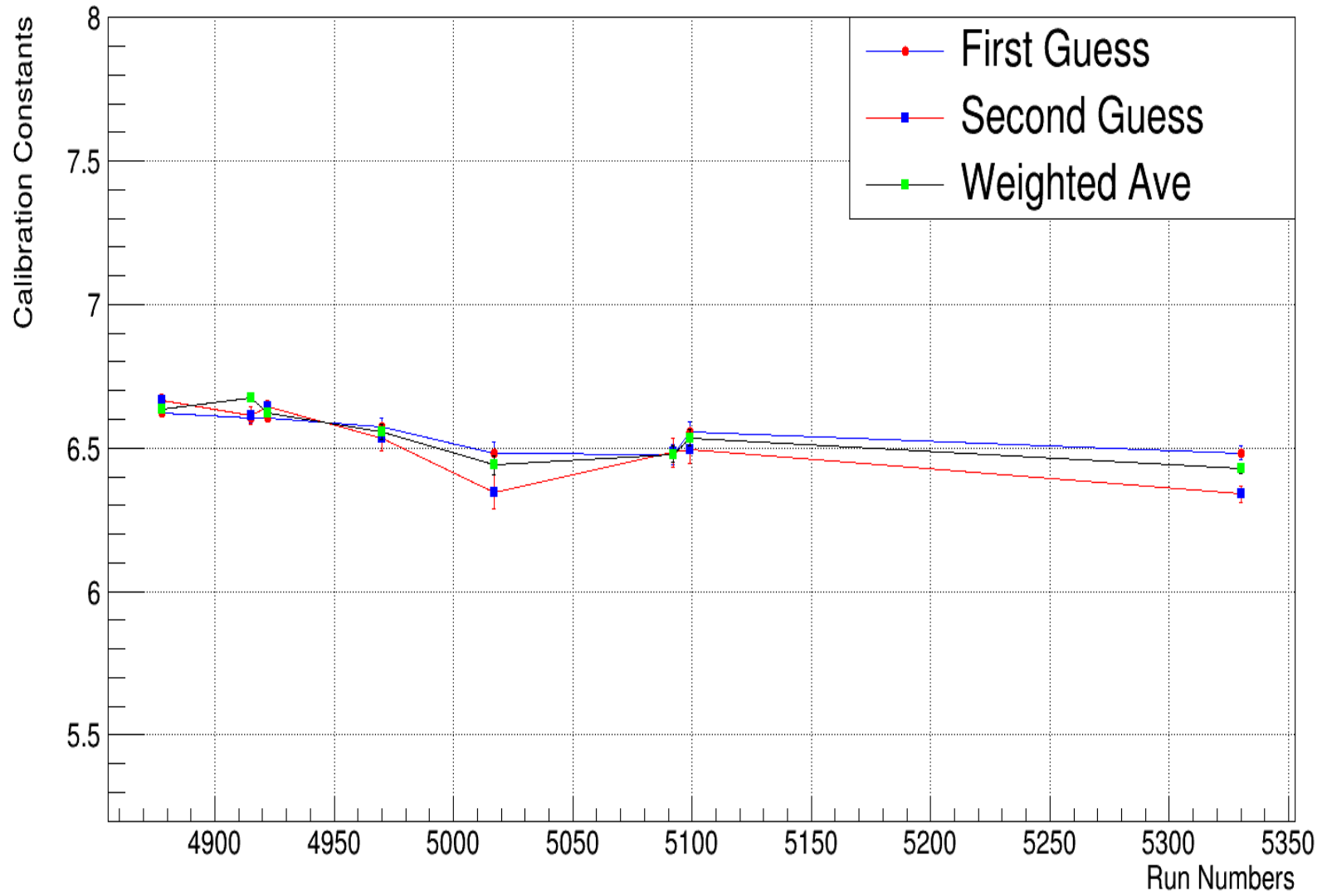
The problem in 10 GeV energy data was a background peak at around 2-4 ADC channel (depending on PMTs).

In the previous code all histograms were handling by a single range of ADC channel.

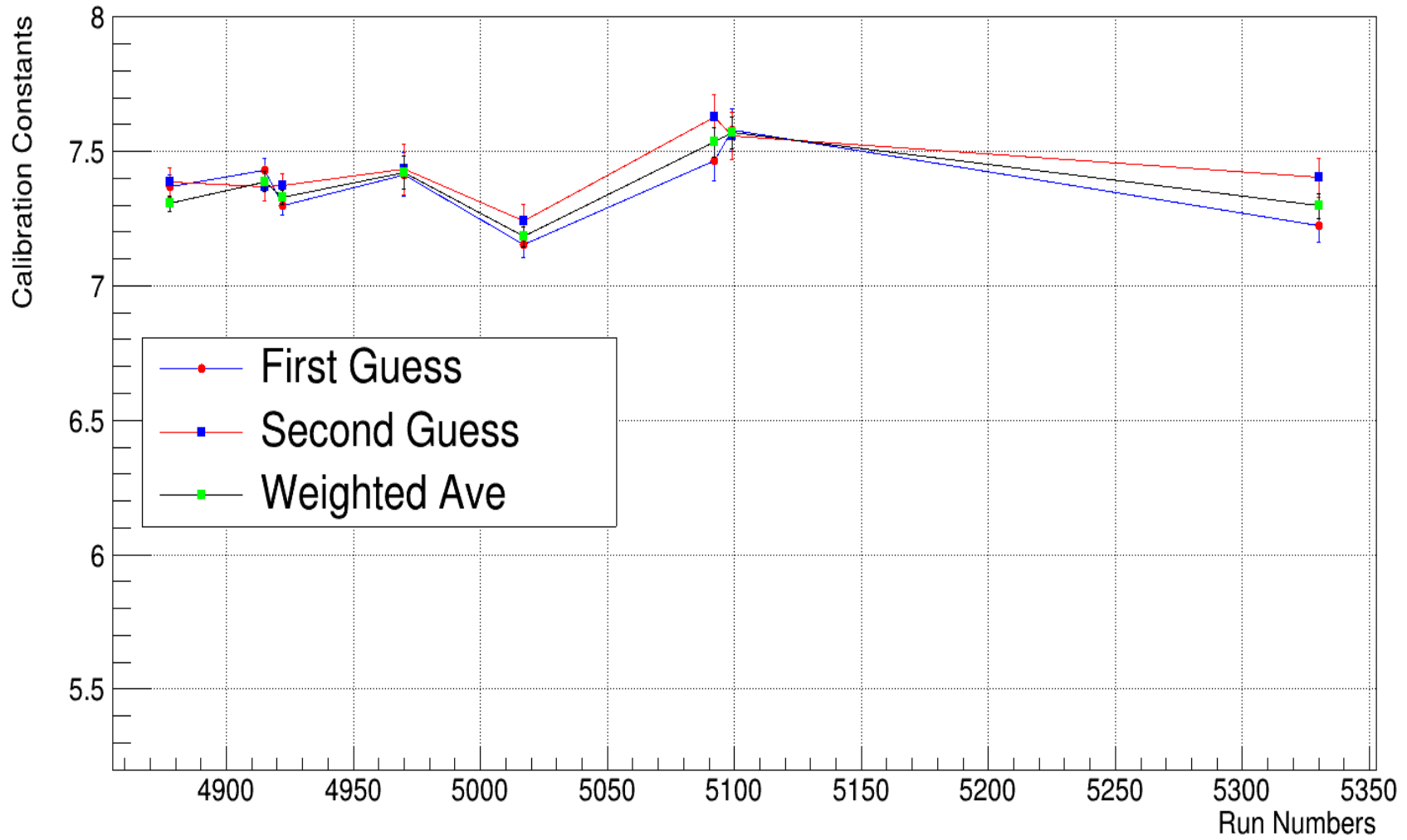
Now code has updated to handle the ADC range of histograms separately so that we can ignore the background peak separately.

Another new thing has been added to the polymarker. Earlier polymarker was free to search photo-electron peak in the histogram and that was the reason it was counting background peak as first photo electron peak which is not correct.

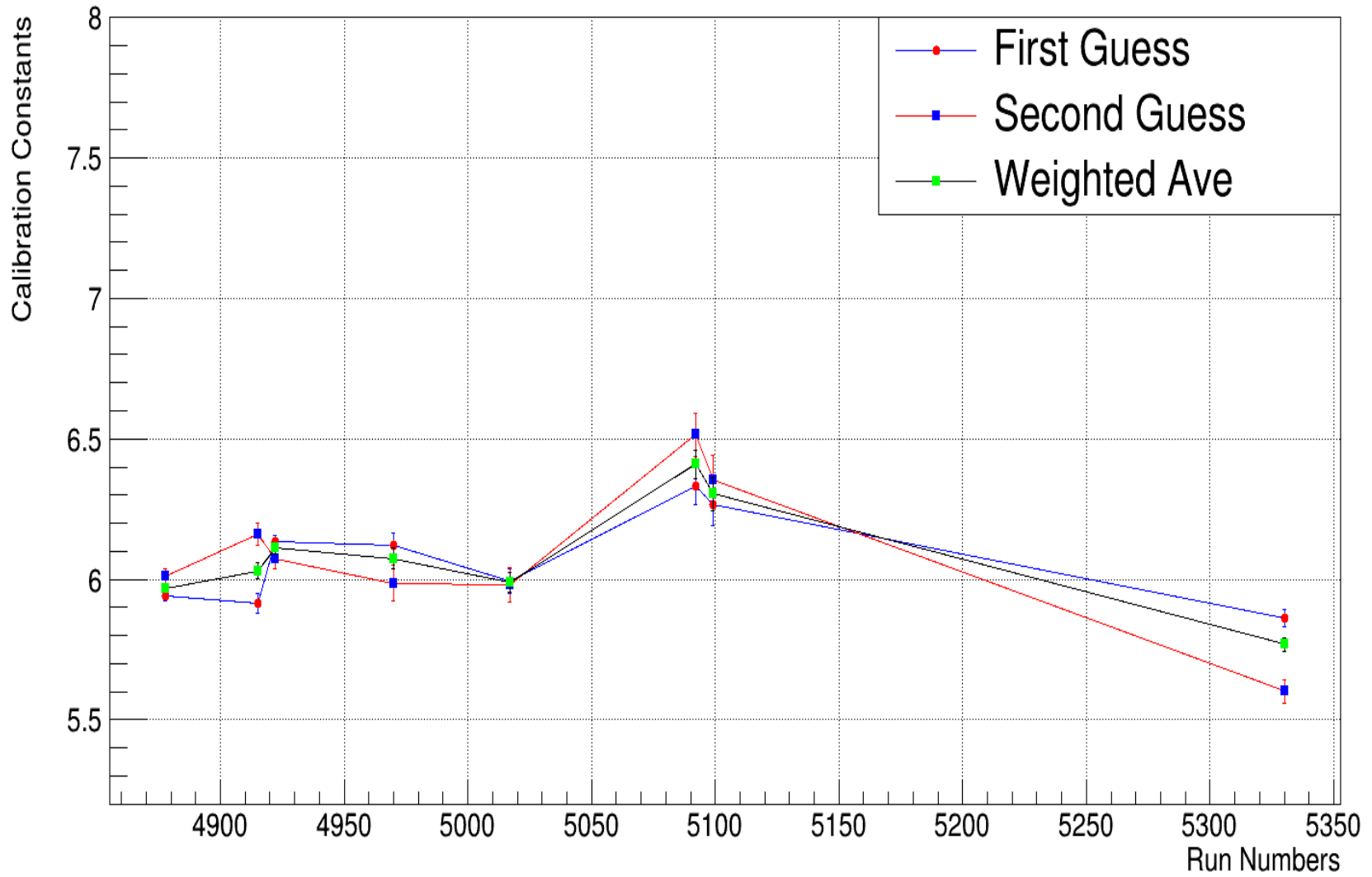
PMT 1



PMT 2



PMT 3



PMT 4

