

SC data from Nov06 --- the third look

We have

1) nominal gain ($1e7$) at 100%, 75%, 50% (black)

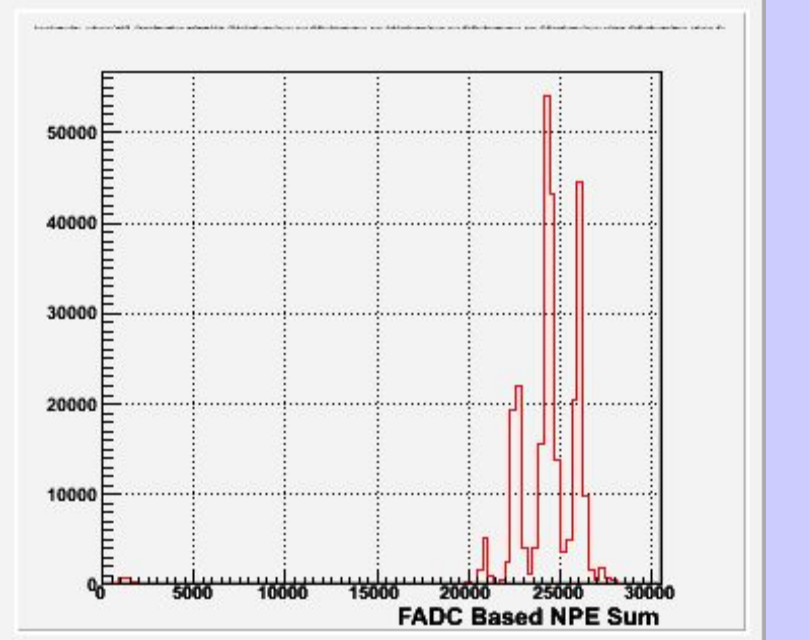
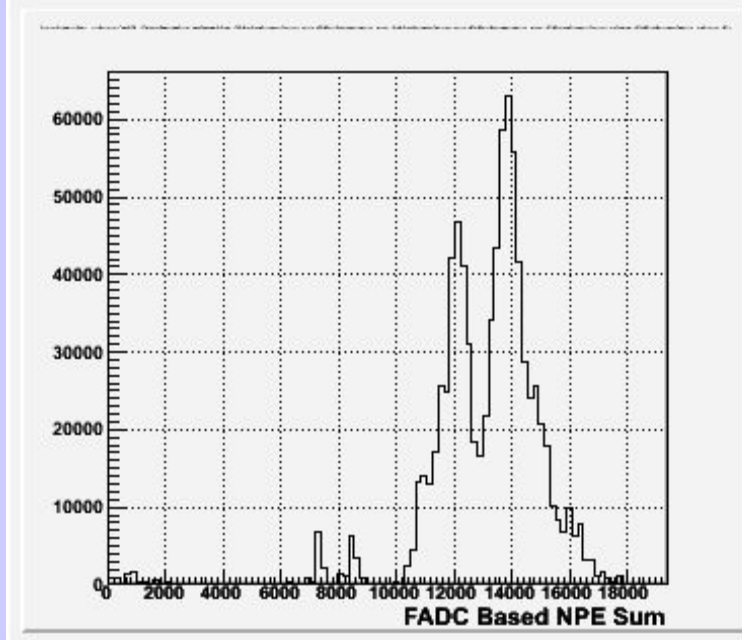
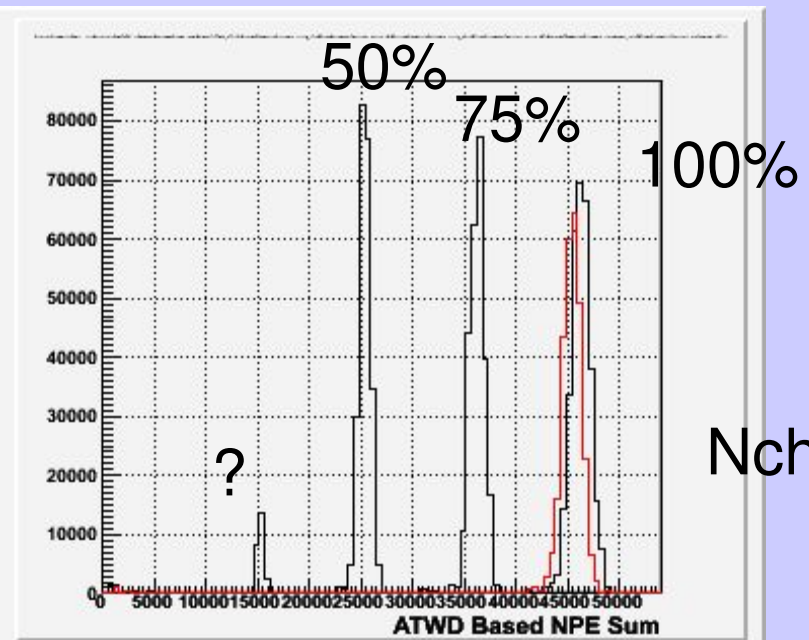
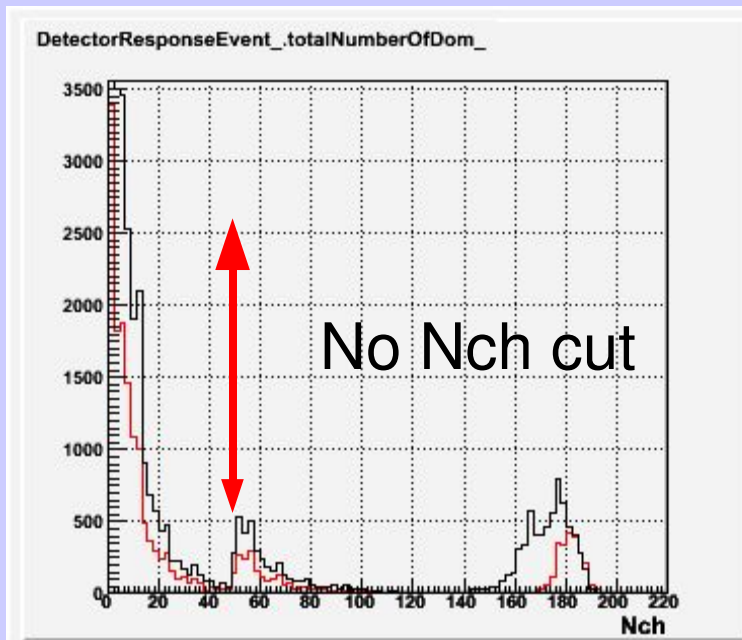
2) reduced gain ($5e6$) at 100% (red)

with multiplicity 50 trigger with RealDAQ
calibration using I3Db with header time

This low level check is to confirm data is ready to be used for energy calibration i.e. nothing strange, consistent with previous runs with TestDAQ, consistency check for nominal/reduced gain

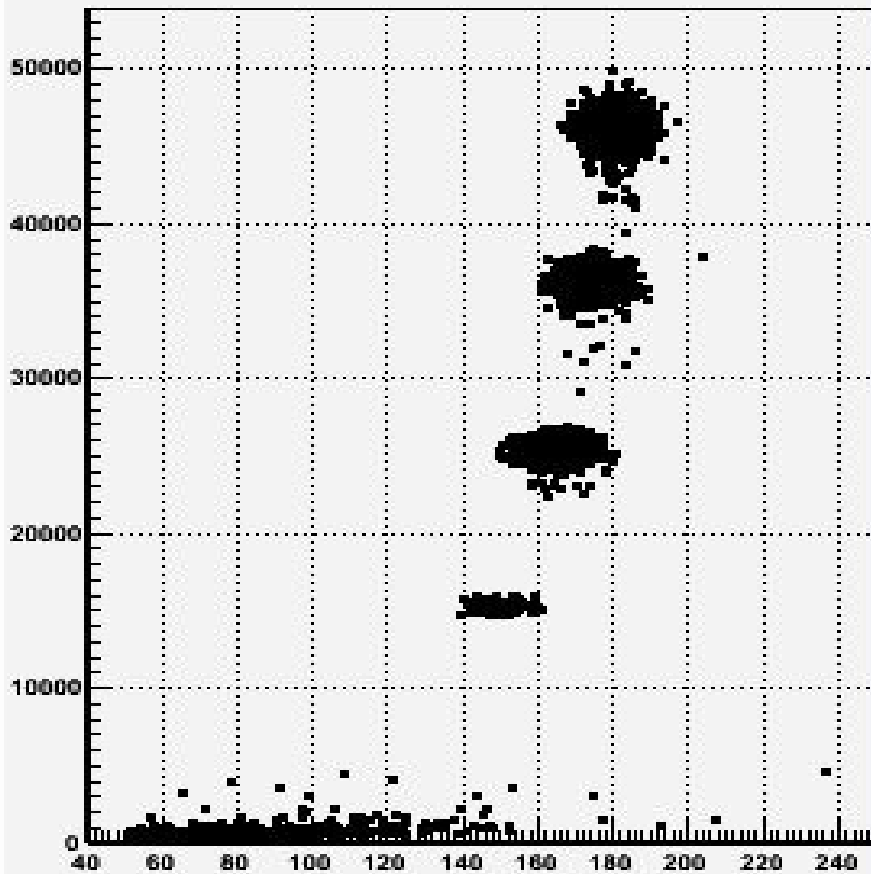
Aya for Nov 24, 06 EHE phone meeting

Nch, event-sum Npe distribution

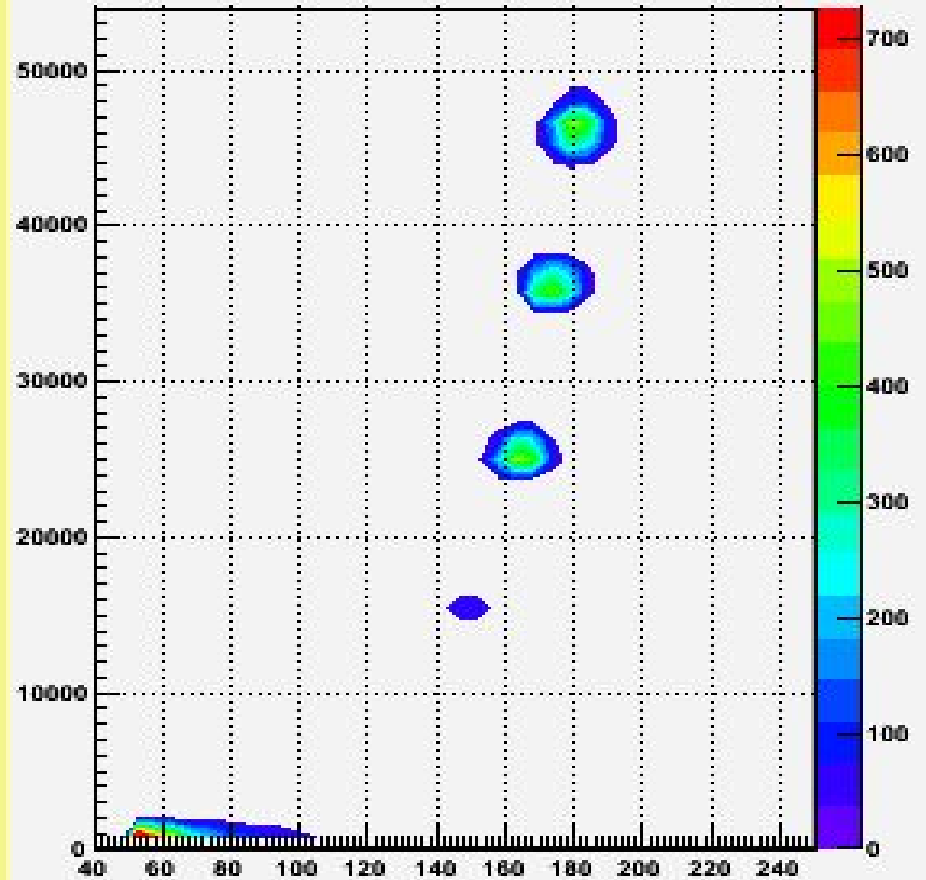


Nch – NPE correlation

ATWD based event-sum NPE



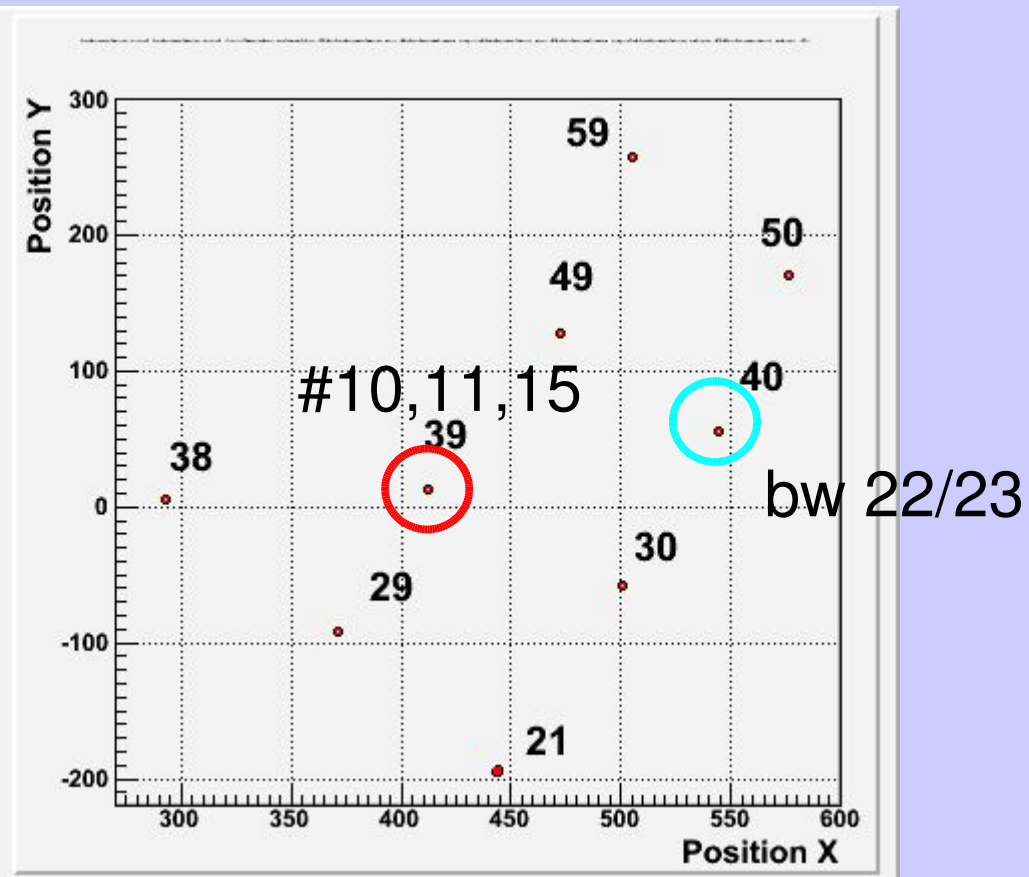
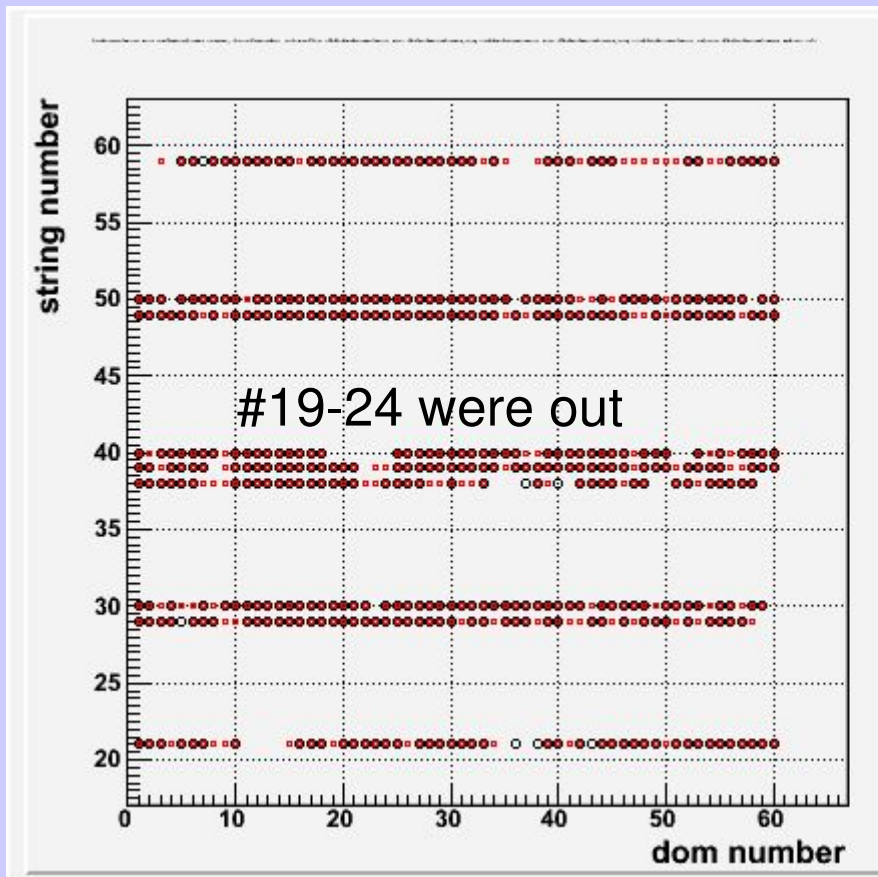
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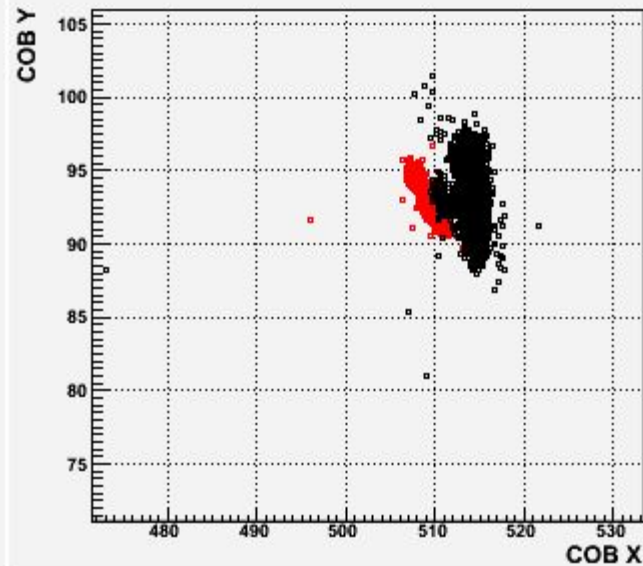
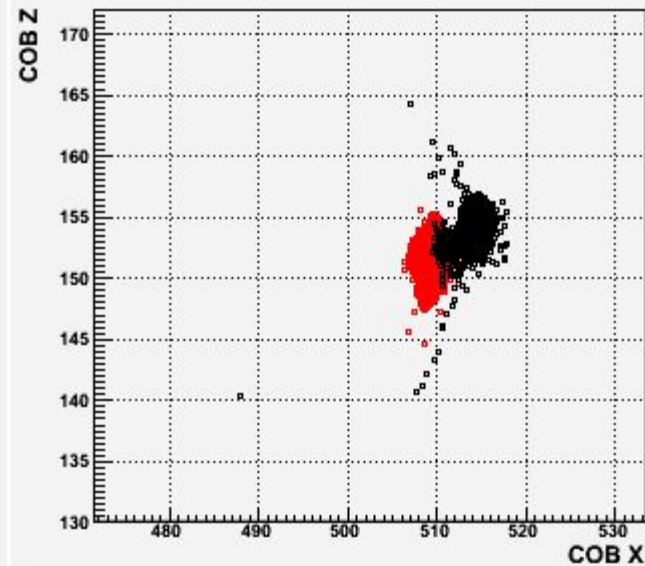
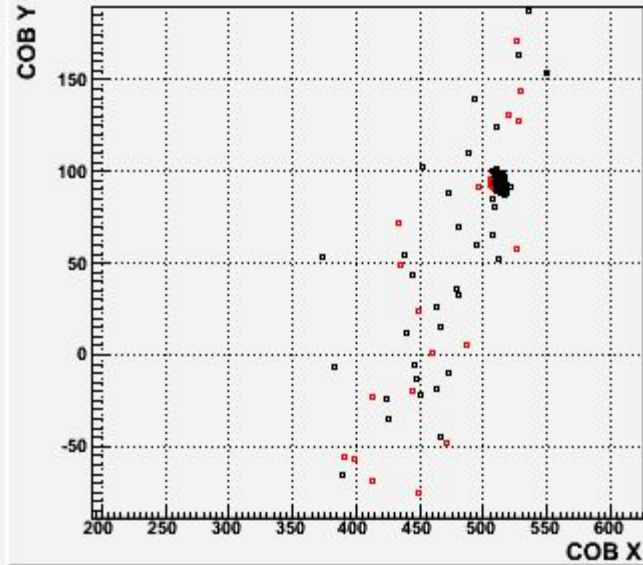
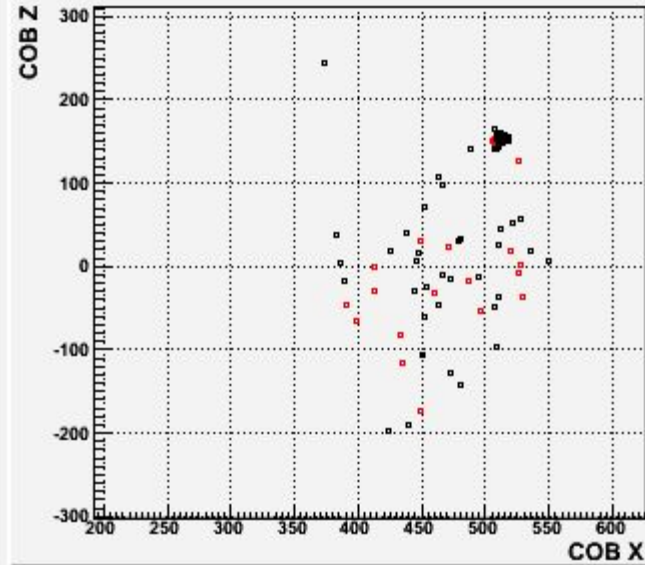
Nch (Nch > 50)

Hit distributions

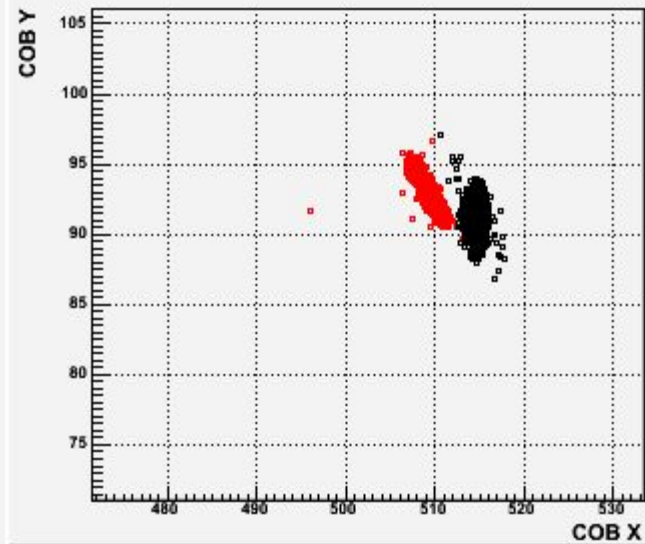
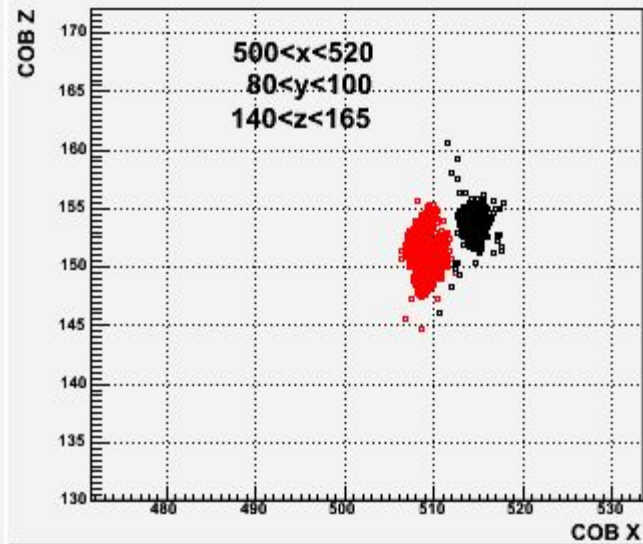
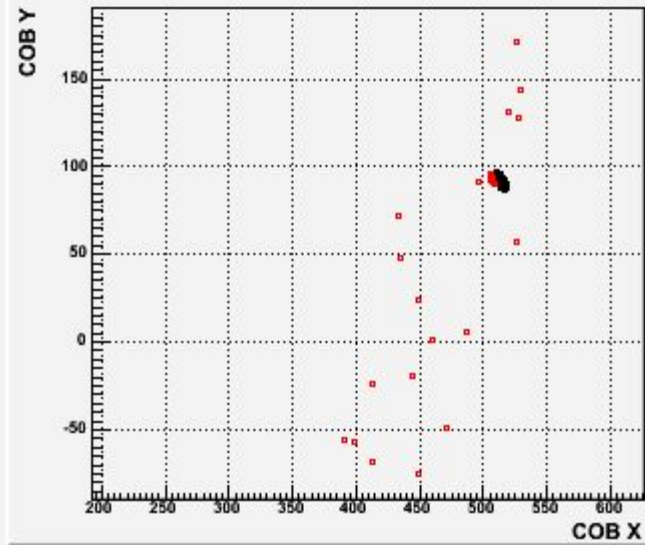
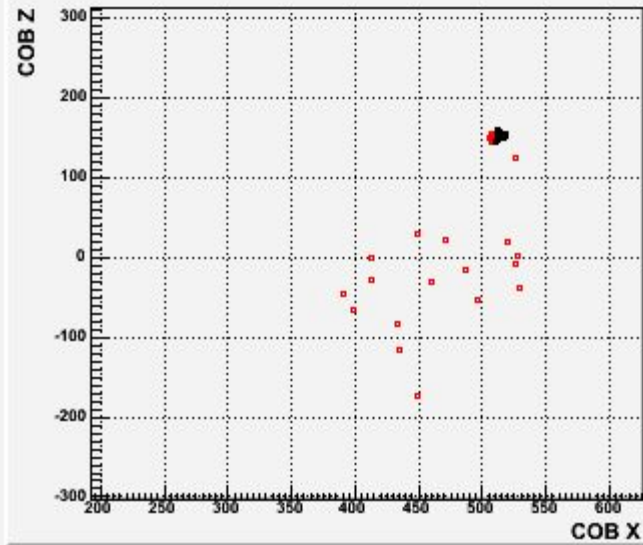
- ◆ DOMs contributing to the nominal and reduced runs are slightly different
- ◆ Need to compare DOM-by-DOM quantities



hit distributions 2 cob

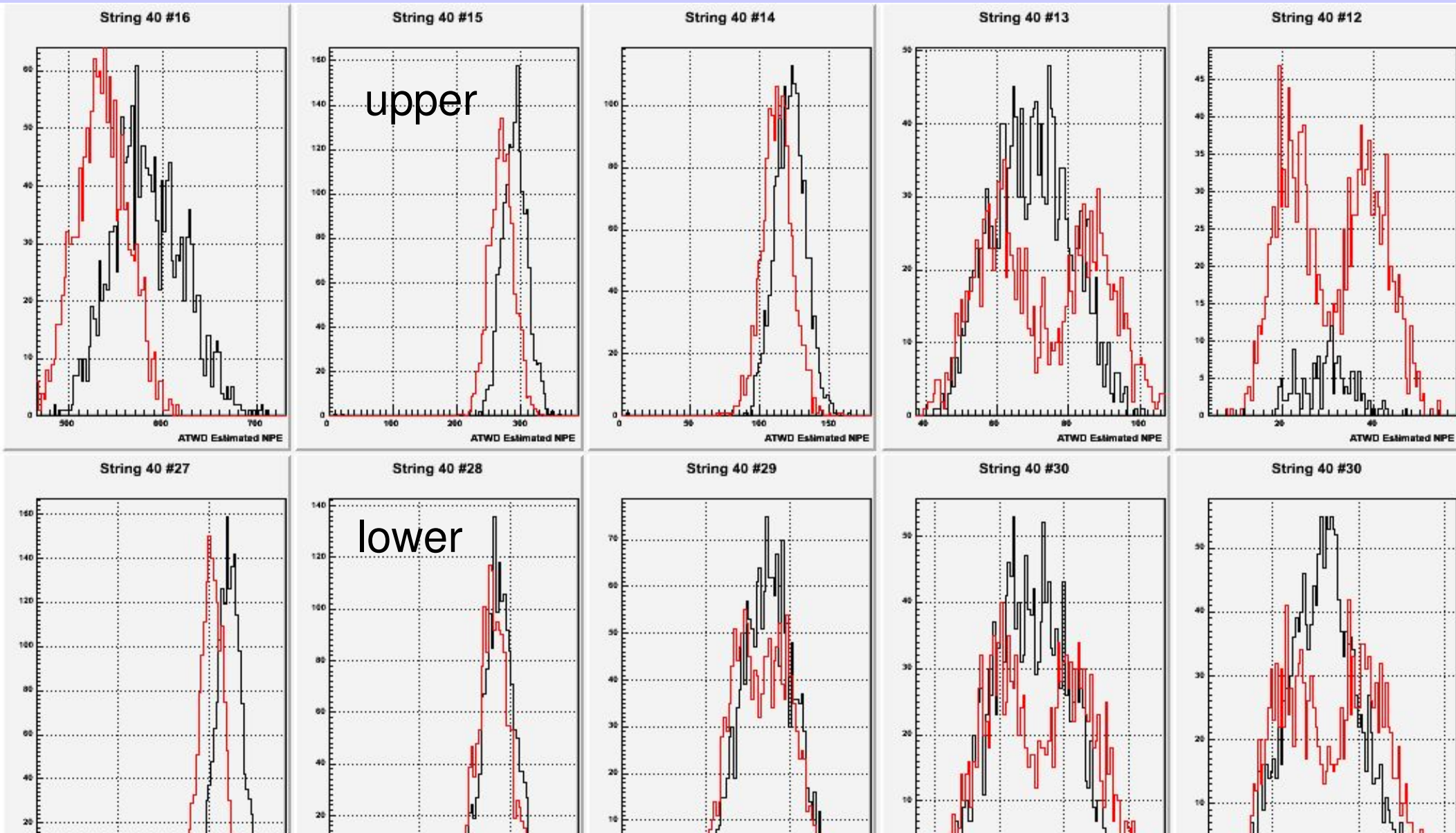


black : NPE 100% run applied

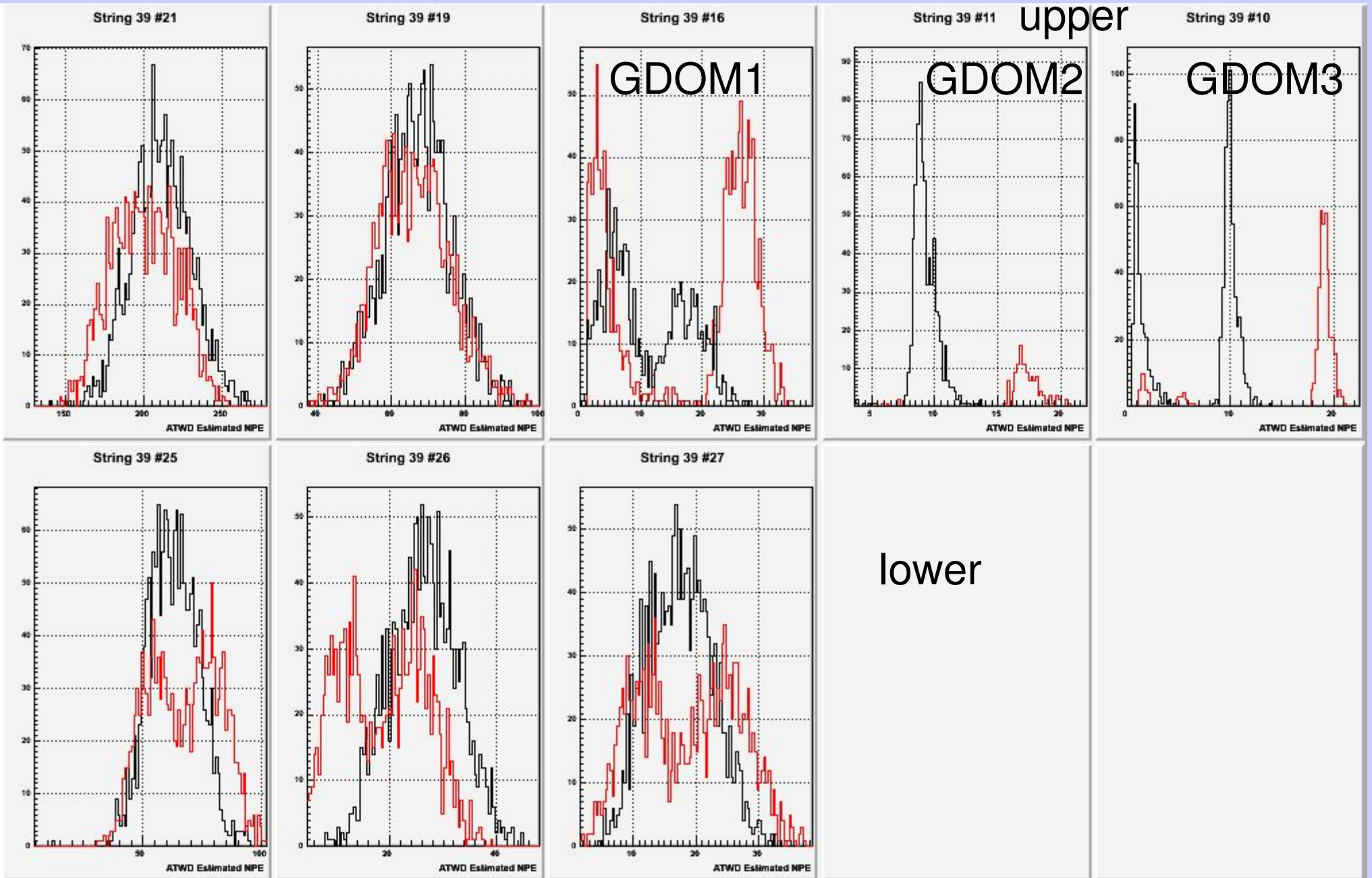


DOMs on the same string (s-40)

- ◆ DOM wise NPE (x-axis) near SC

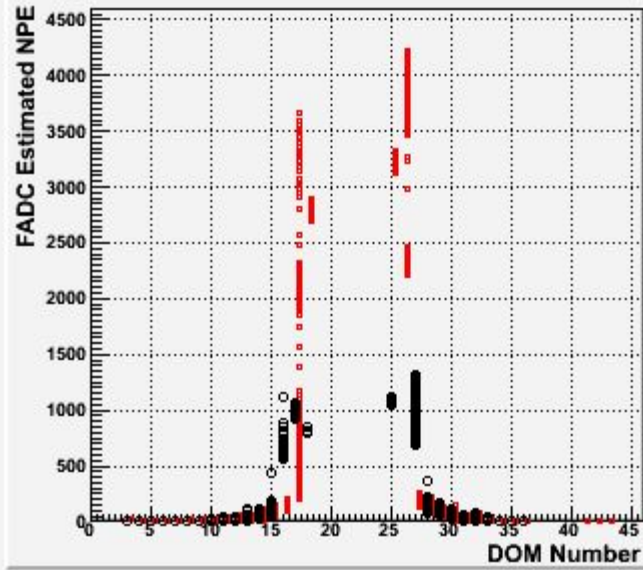
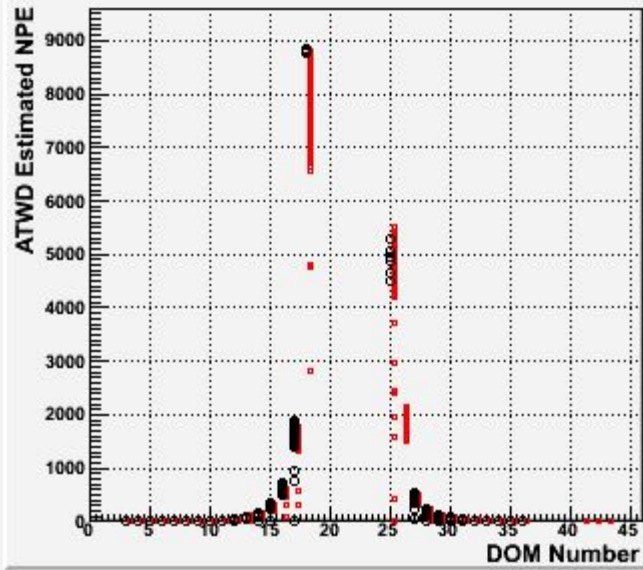


GDOMs on String-39

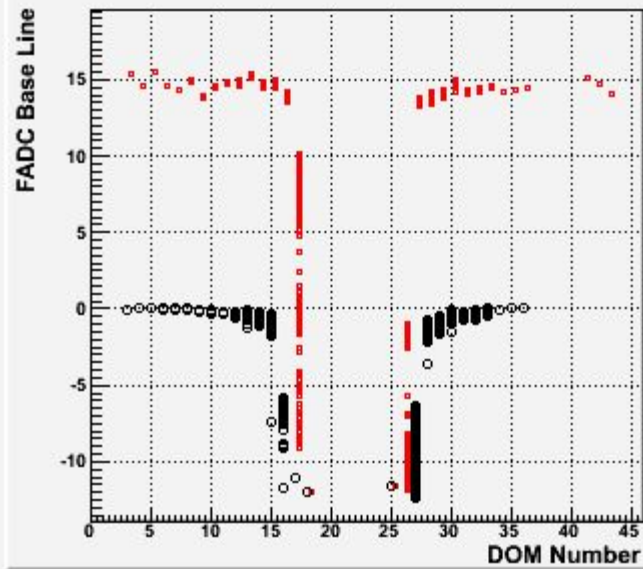
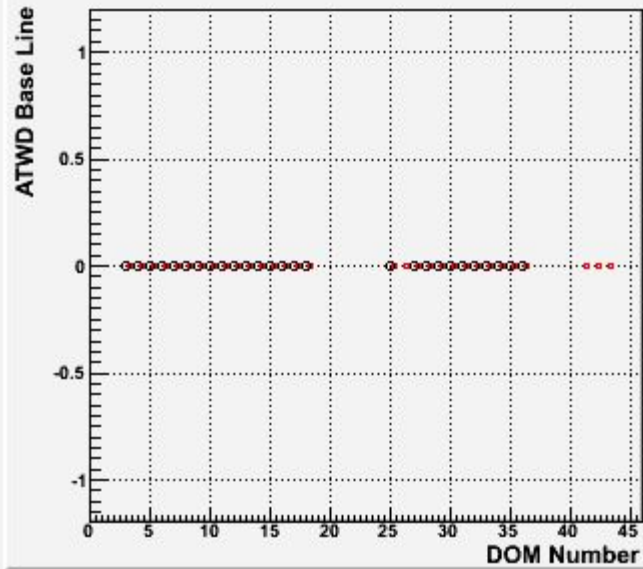


S-40

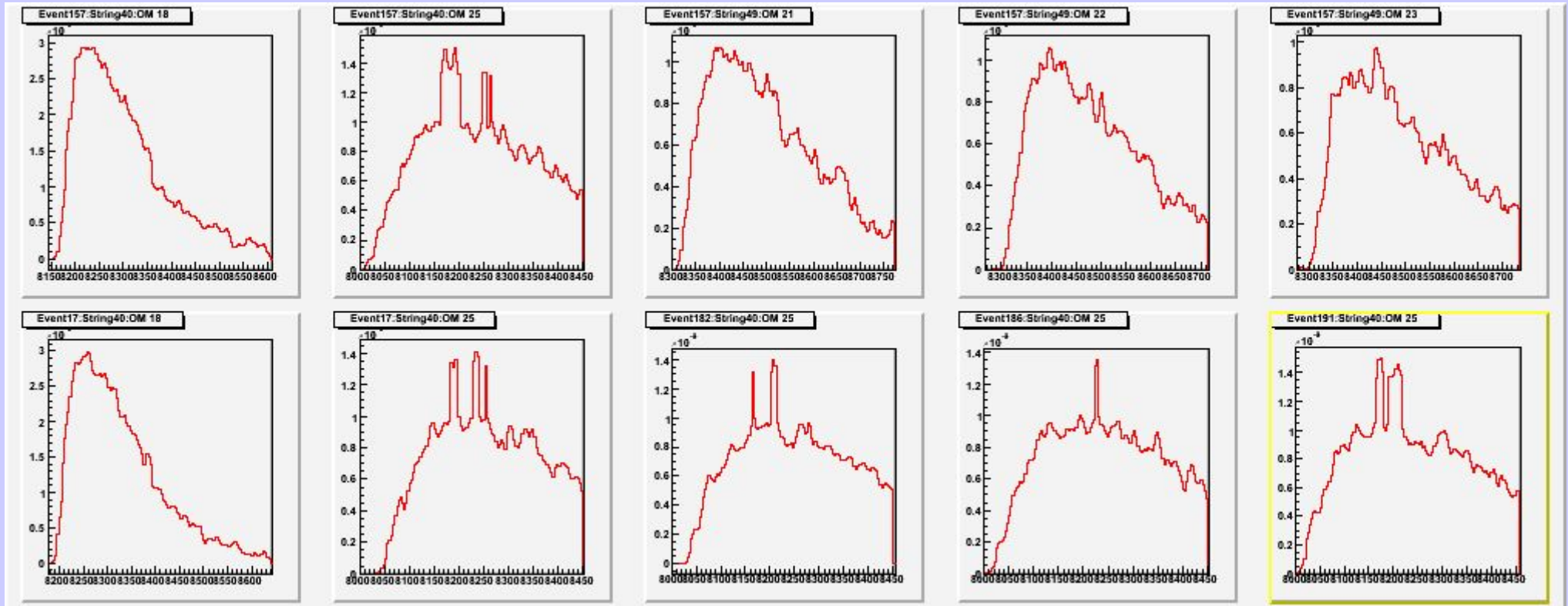
String 40



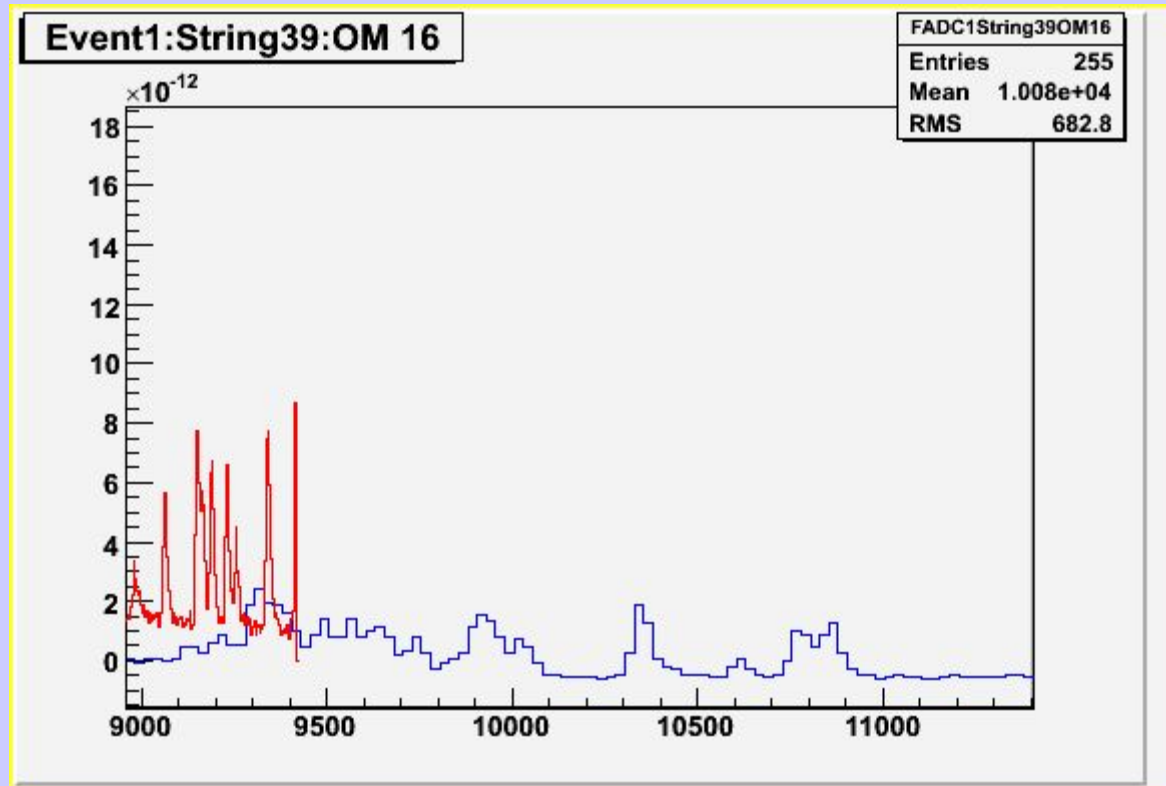
String 40



big waveforms



small waveforms



problem

baseline and domcal issue