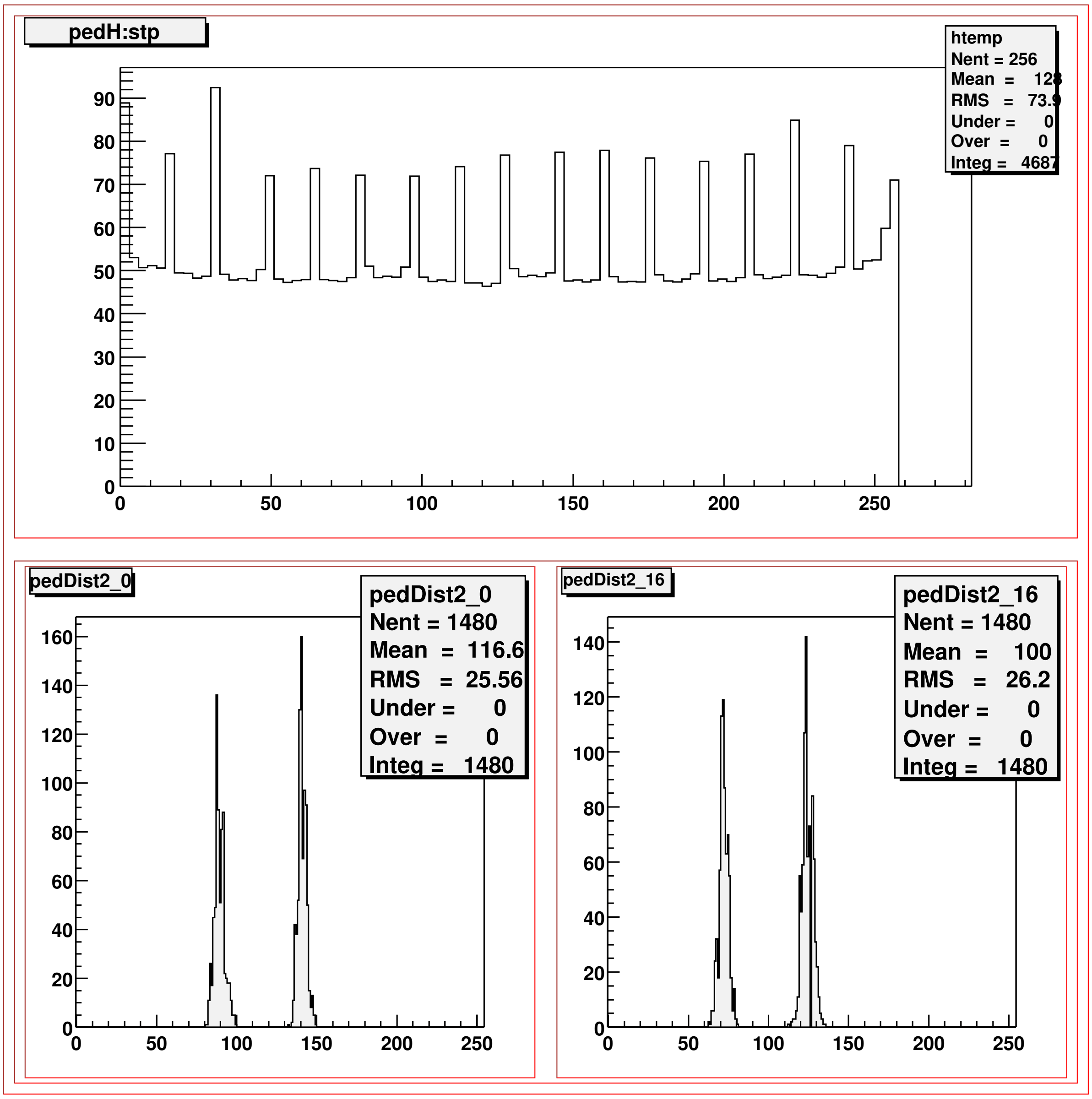
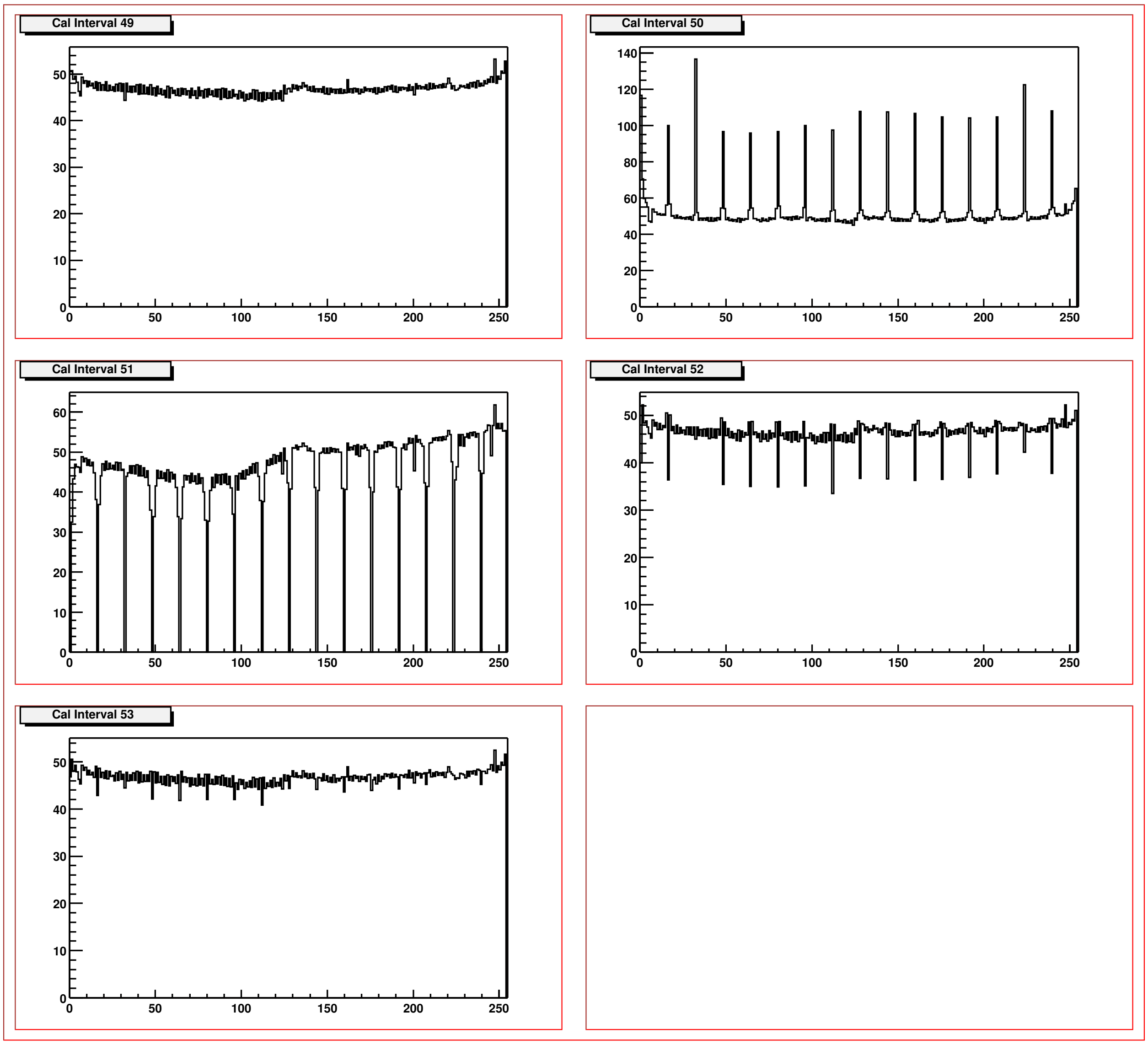
Looked at charge distributions of individual channels



Not timed in?

“Cal Interval” Scan 49-53

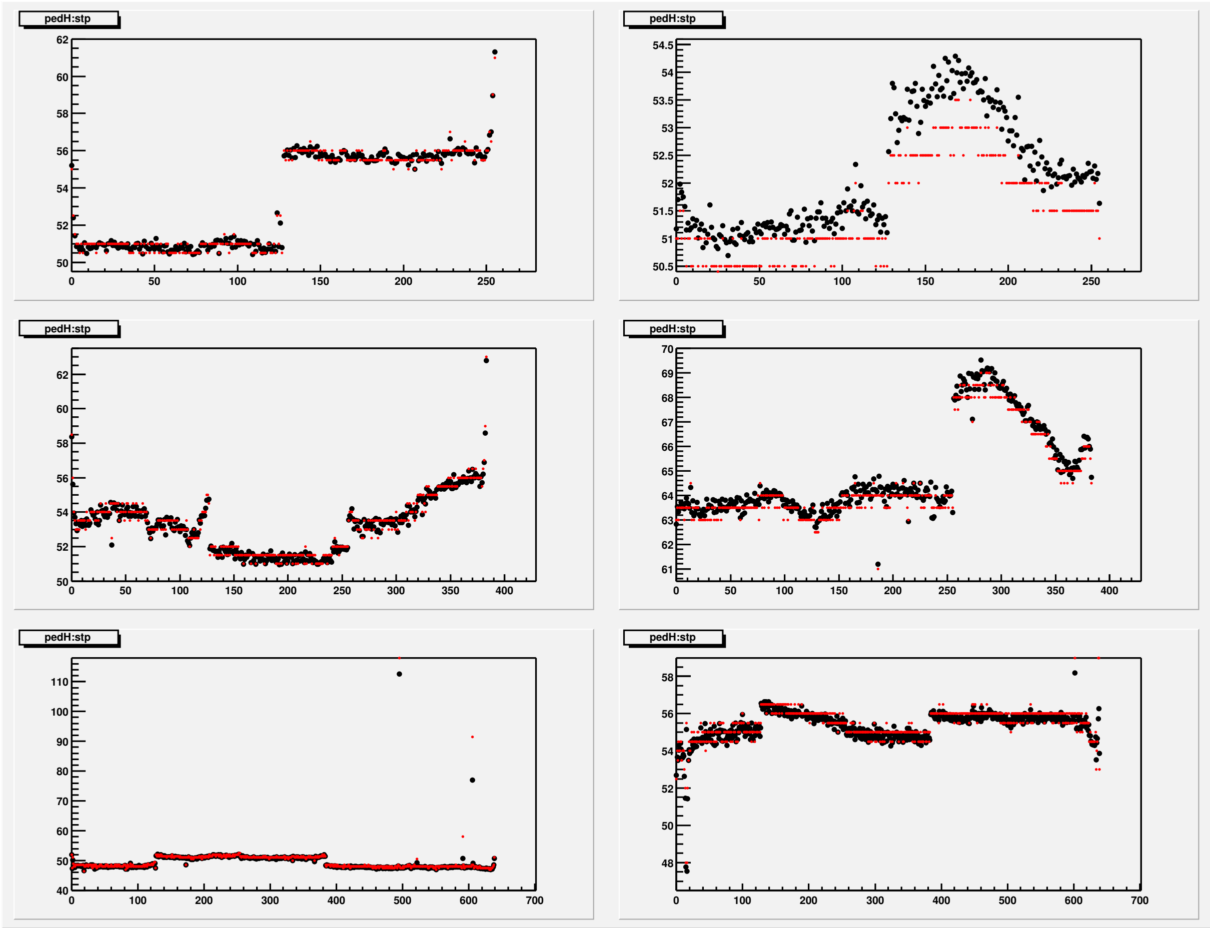


Still No Good Timing?

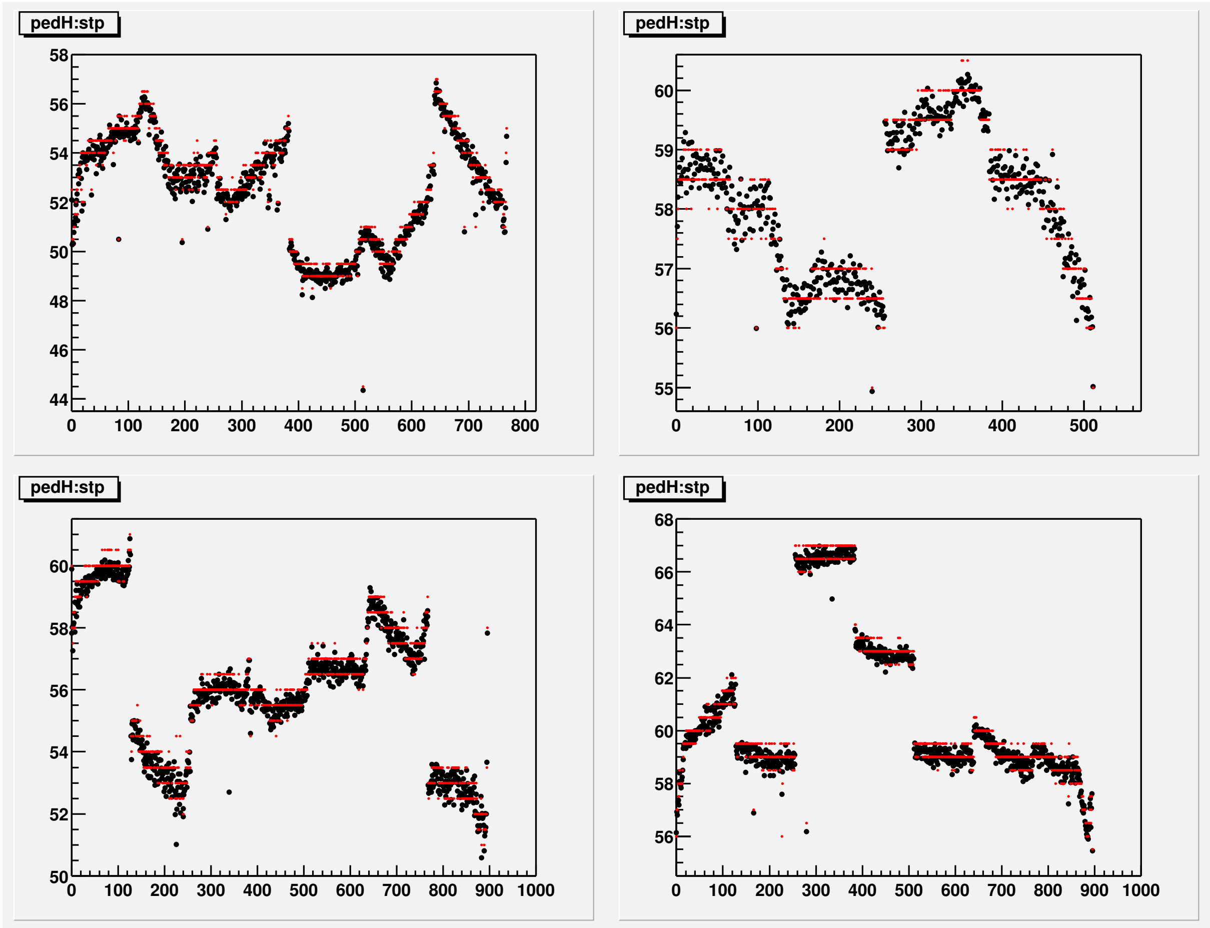
Are Peds Same in Collision Data?

- Still tracking down any possible/apparent charge loss on z-side
- Check that pedestals in collision data are the same as those calculated by Igor
- Define pedestal to be smoothly interpolated median of each channel
- Igor does same (?), but stored in database with 0.5 ADC count accuracy

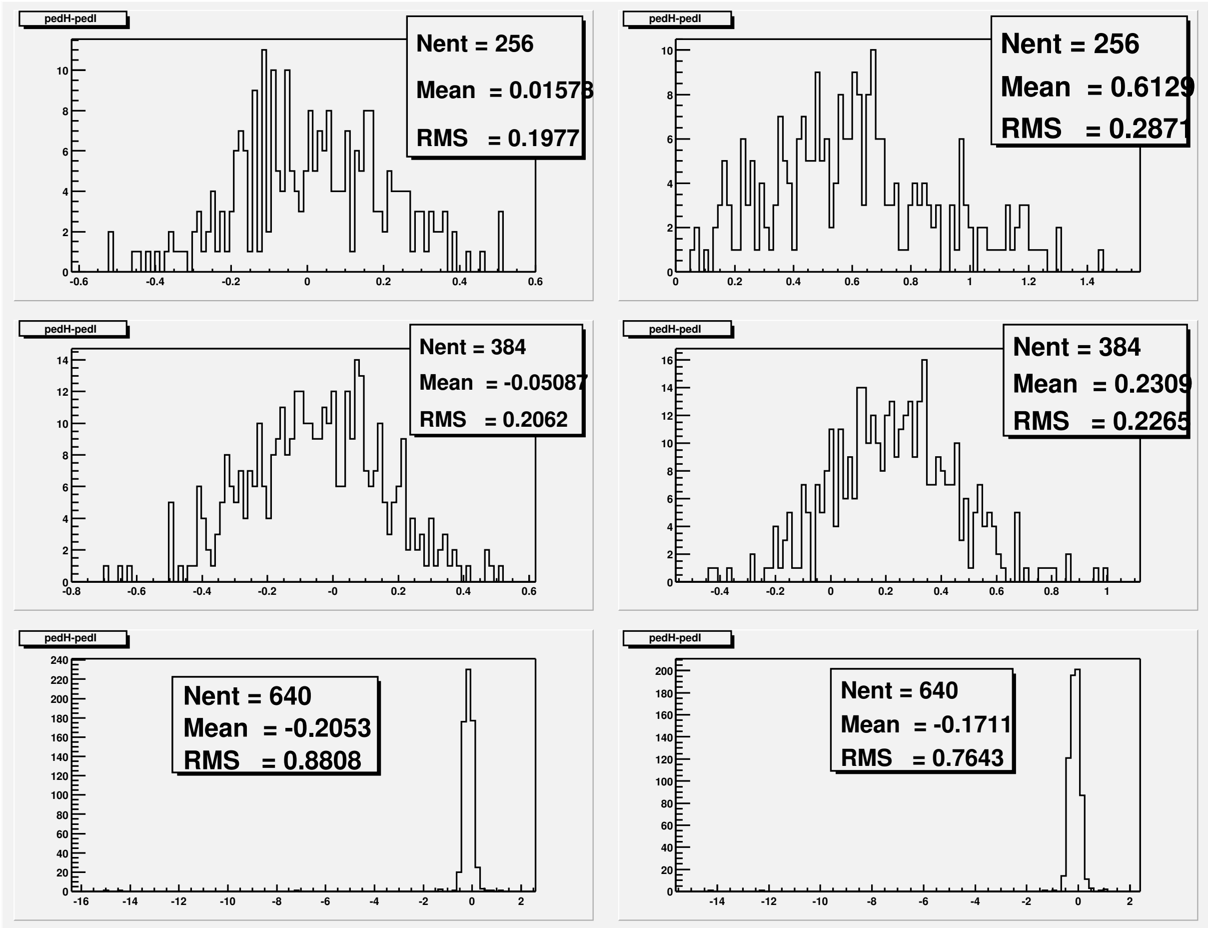
Are Peds Same in Collision Data?



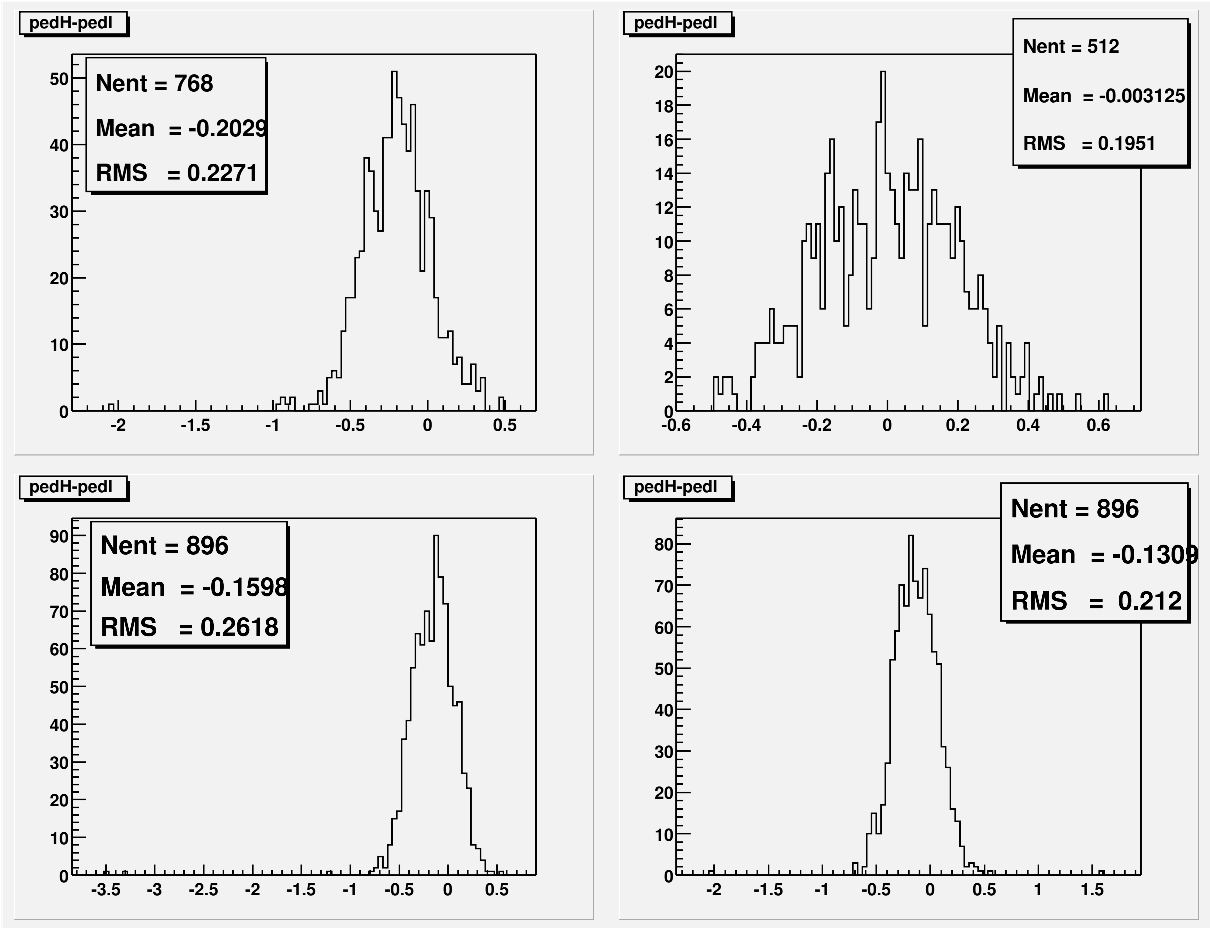
Are Peds Same in Collision Data?



Difference Between Data and Igor



Difference Between Data and Igor



Conclusions

- Pedestals accurate to within half an ADC count in collision data
- Need to take better charge injection runs
- But looks like charge loss on 90-degree z due to large capacitance only