

Presentation Title

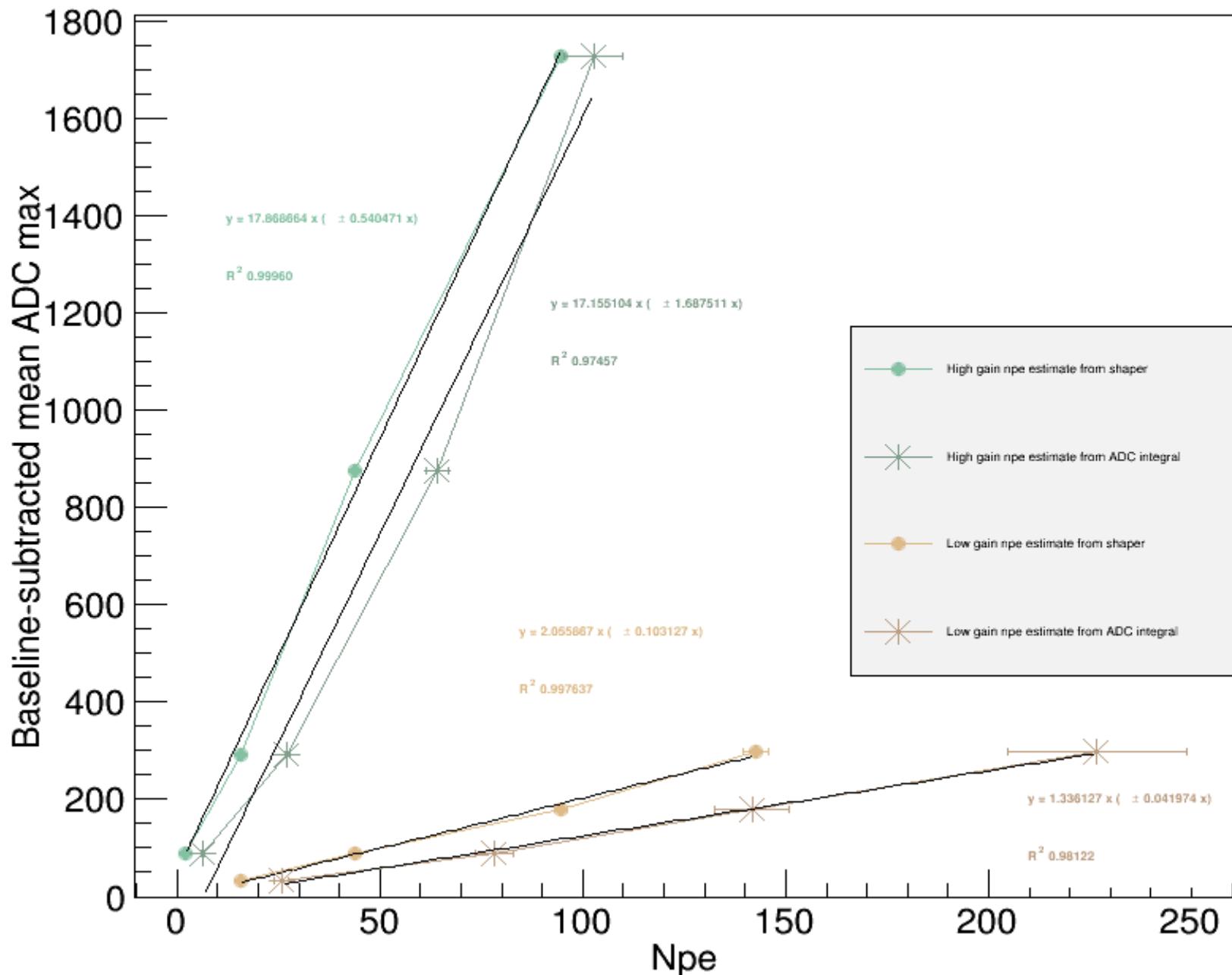
Author's Name

Efforts to date

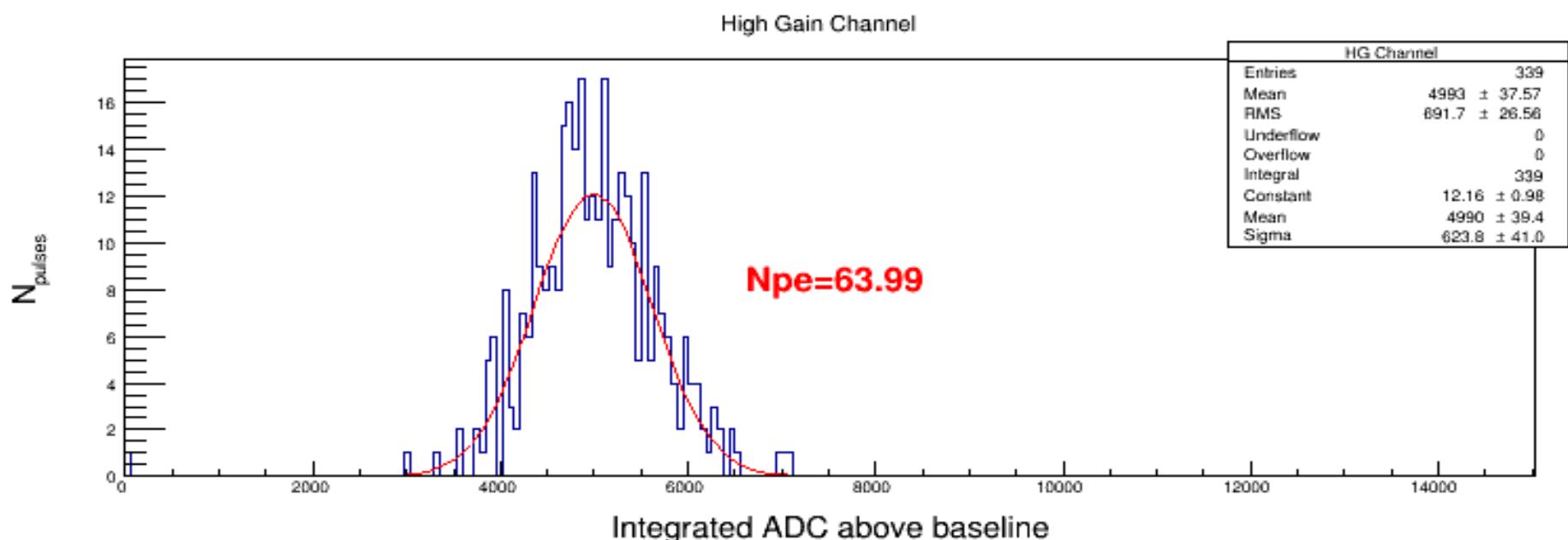
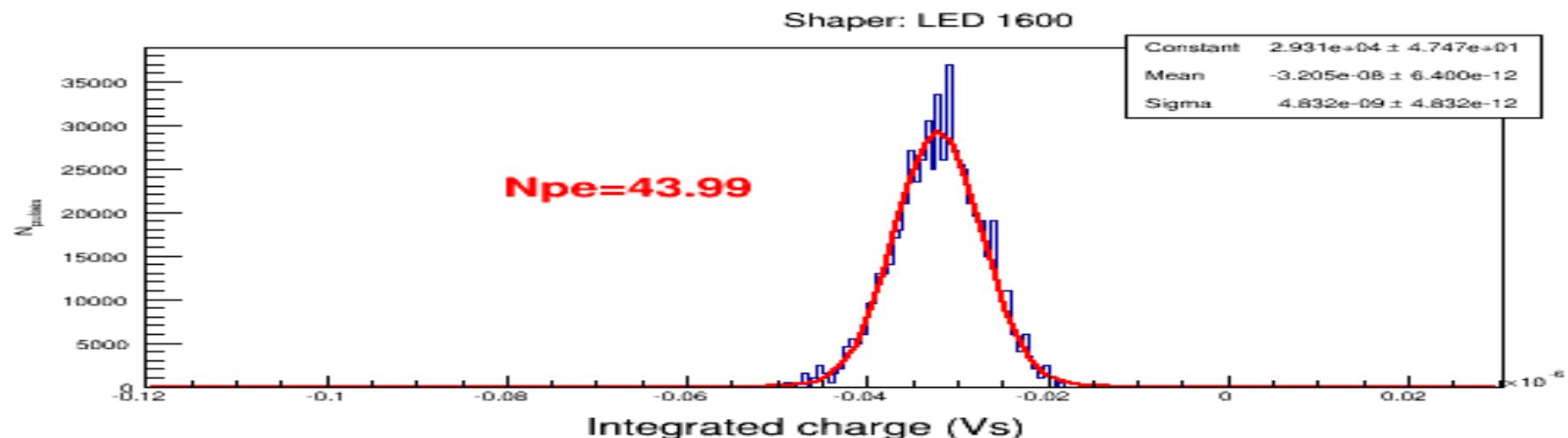
- Reproduced all plots using new, custom readout code and macros
- Fixed readout so maximum statistics are drawn from ADC data files
- Fixed readout to skip bad/incomplete events (~1/7 of total events)
- Added timing cuts so noise is suppressed
- Calculated individual baselines for each pulse (low gain: average ADC of first two samples; high gain: average ADC of first three samples)
- Found different Npe values for Shaper and Raw PMT data using new readout/fit parameters
- Eliminated “averaging” in Npe comparison: metric is now Shaper Npe vs. ADC Npe
- Added an ADC integral plot so that Npe for ADC and shaper are calculated the same

Results

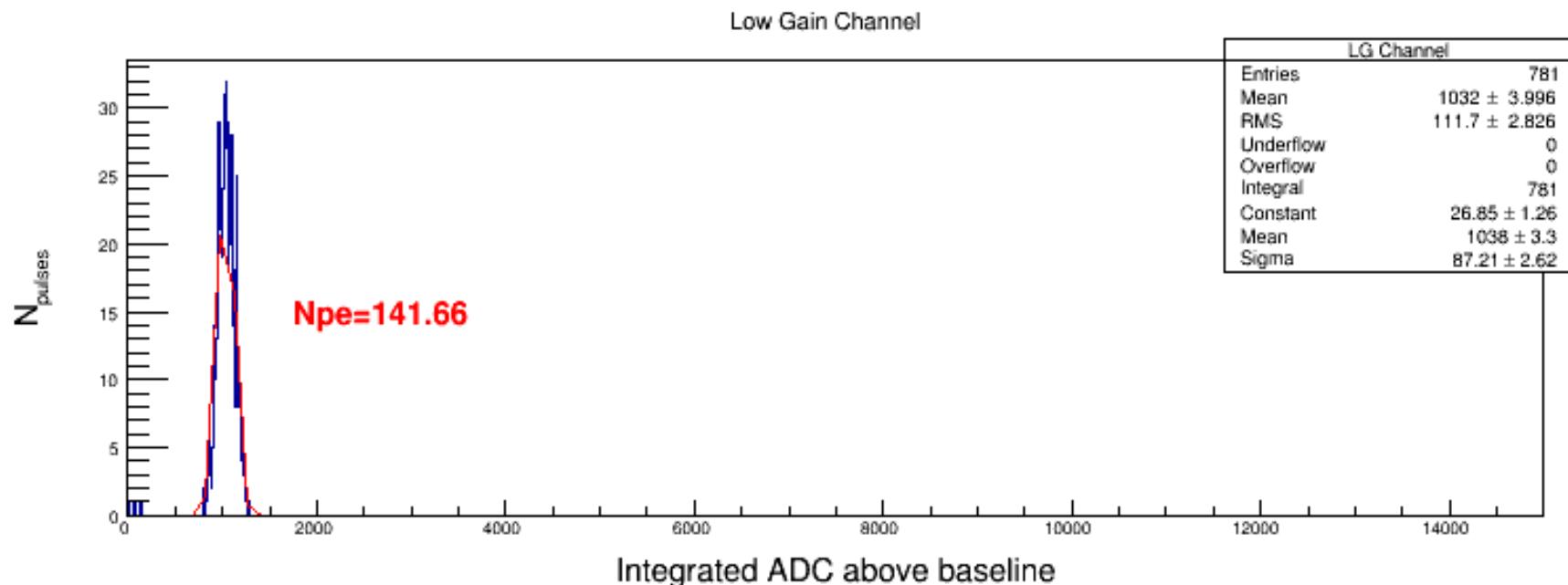
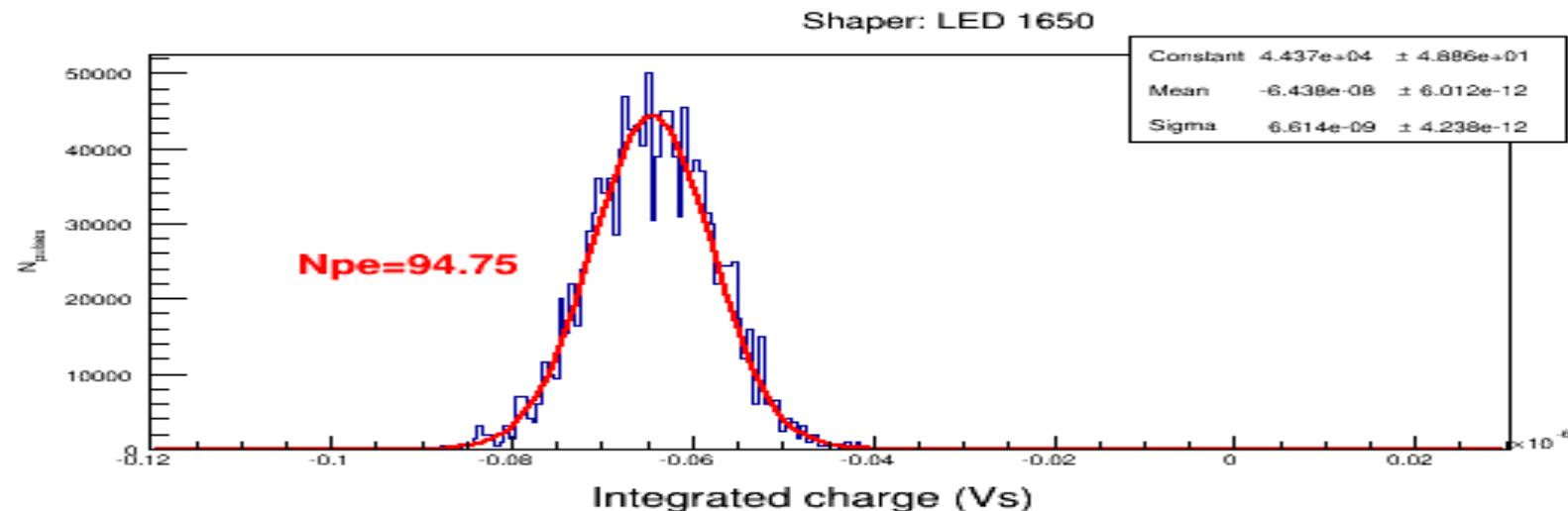
High Gain Data, Low Gain Data



Npe comparisons: HG 1600



Npe comparisons: LG 1650



Npe comparisons: LG 1700

