On-orbit CAL charge injection calibration

Recently the CAL LCI runs were successfully collected on orbit for the first time since launch.

Run 0270101995 - with CAL thresholds set to maximum values (to minimize crosstalk effects), the same configuration was set for charge injection calibration during cold TVAC tests (run 077016861) which is used so far for data processing.

Run 0270108008 - with nominal CAL thresholds - to see the effect of crosstalk from discriminators.

I compared run 0270101995 to run 077016861

First look at the data shows that the difference in charge injection curves between recent on-orbit and 1.5 years old ground measurements is purely linear and is ~0.1%.