

GlastRelease v17r35p3

Run Manager Summary

System Tests v17r35p3

System Tests Report Summary

The changes in the system tests for comparison of GR v17r35p3 and v17r35p2 (both using the rhel4_gcc34opt builds) reflect a fix to the [CAL Overlay](#). Changes *only appear in Overlay tests*. The top level summary is that the CAL digi counts are generally reduced (CALTOWER, CALLAYER, CALCOLUMN) and values are shifted lower (CALADC plots, CALEAVE, FilterEnergy, FilterEnergyDiff).

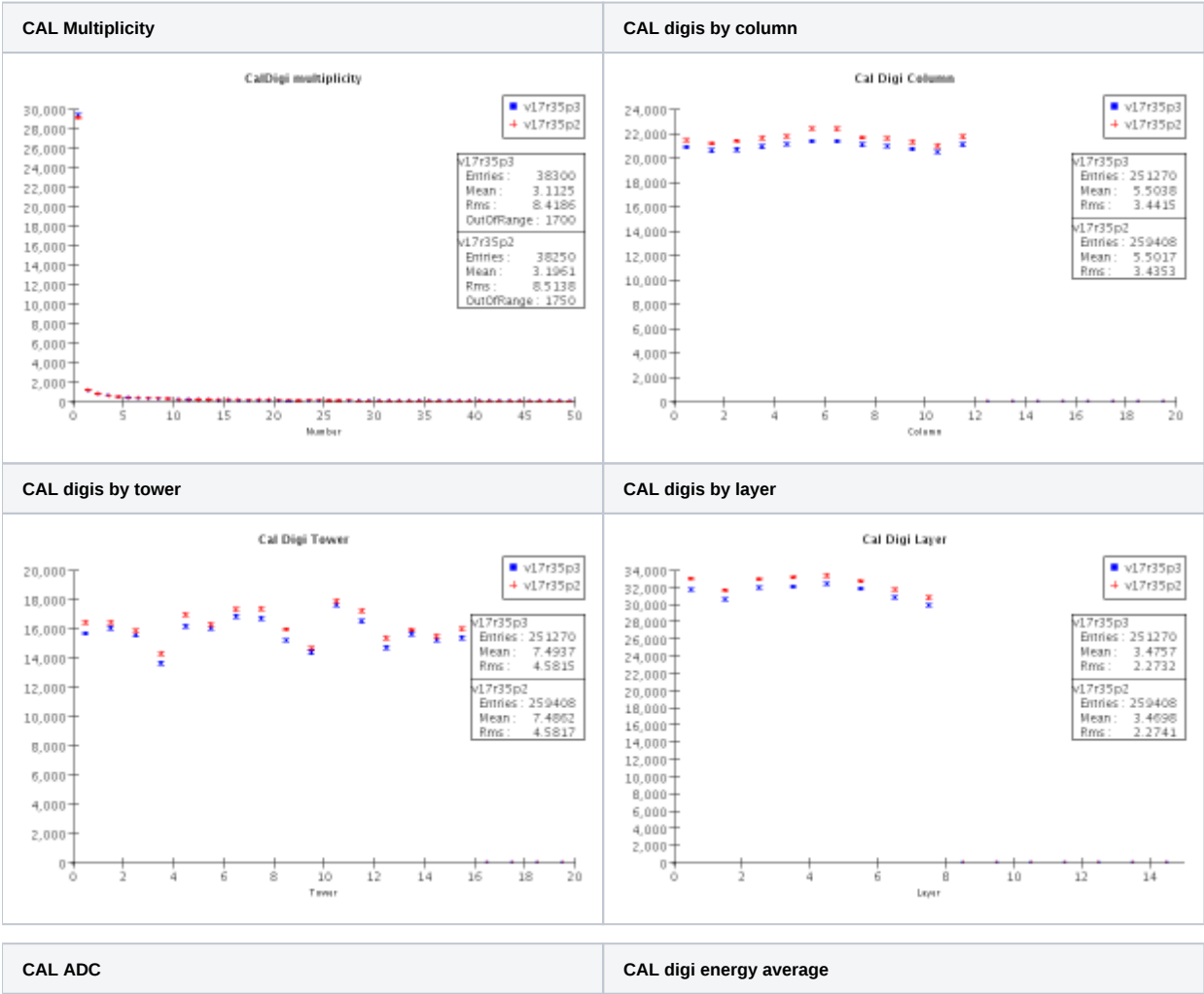
Changes

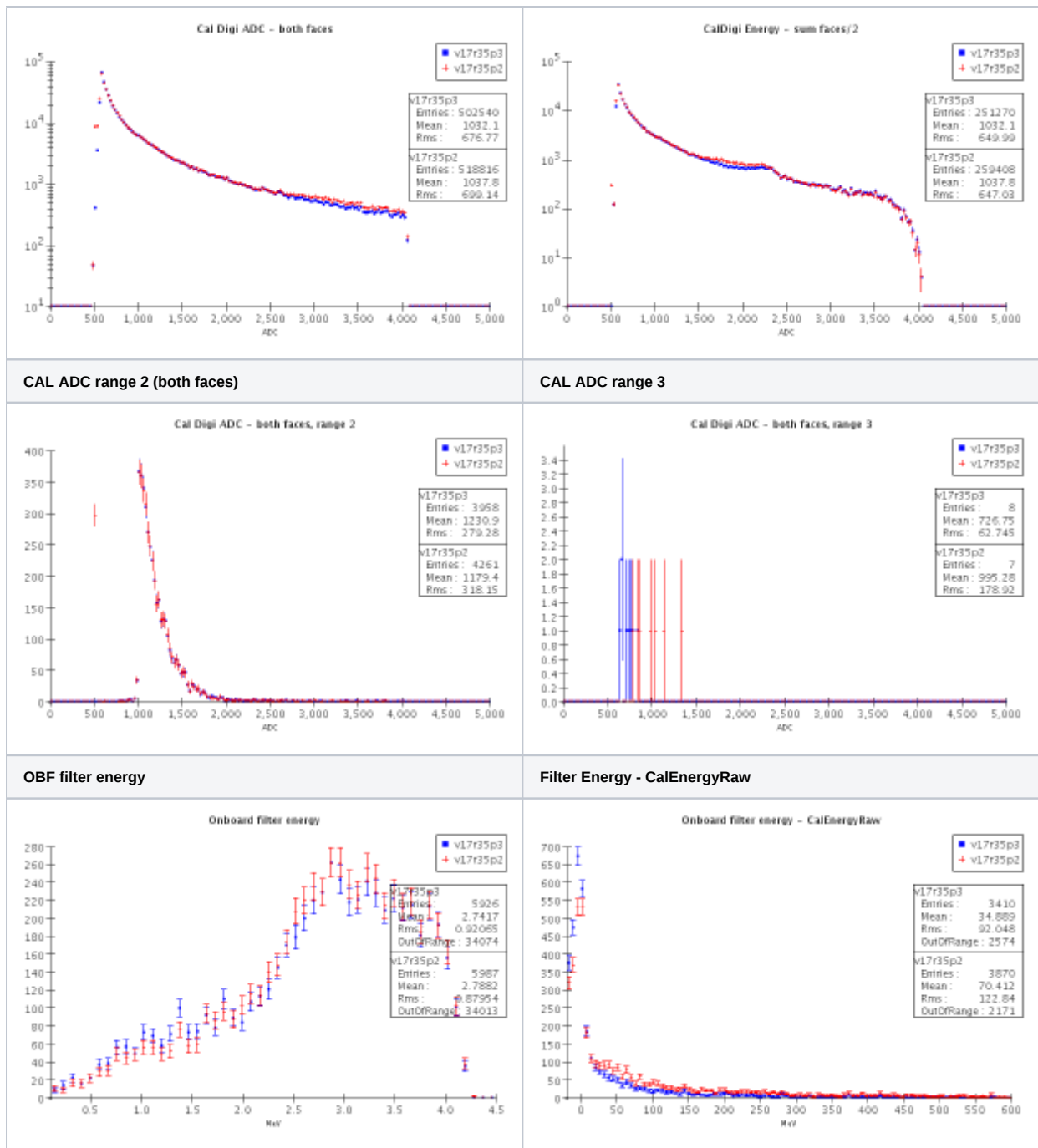
*

System Test Plots

These are from the AllGammaOverlay test.

Although more events now have CAL hits (p3:38300 vs p2:38250, 40000 events were simulated), there are overall less total hits in the CAL.





After looking through the CAL Overlay problem description, I realized I should have pulled the integrating hits plot. The fix handles assigning overlay energy deposits to the proper volume element for being included in the energy calculation. I expect an increase in the ends and so it is weird that one end is increasing and the other decreasing relative to the previous version.

CAL Integrating Segments

