

GlastRelease v14r4

Run Manager Summary

System Tests v14r4

System Tests Report Summary

Comparison to [v14r2](#) shows differences in the ACD digis. Examples shown below – this seems to reflect Eric's fix to handling pulses below the zero suppression threshold.

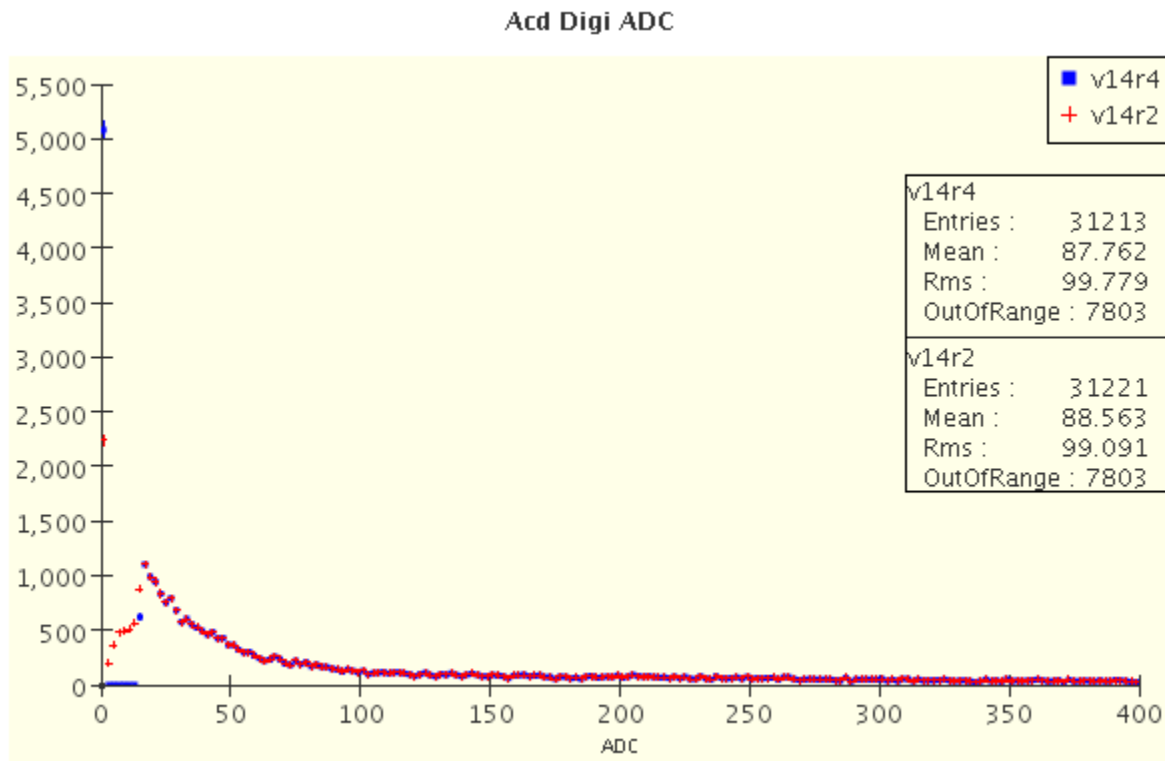
The comparison is made to v14r2 instead of v14r3, which was interrupted mid-build by the weekend computing outage.

Changes

- AcdDigi - kill PHA below zero suppression threshold
- Catching up many packages
- Updates for JIRA ROOT-34, ACD-19 and GRINF-46
- Updates for DFI 3-4-5

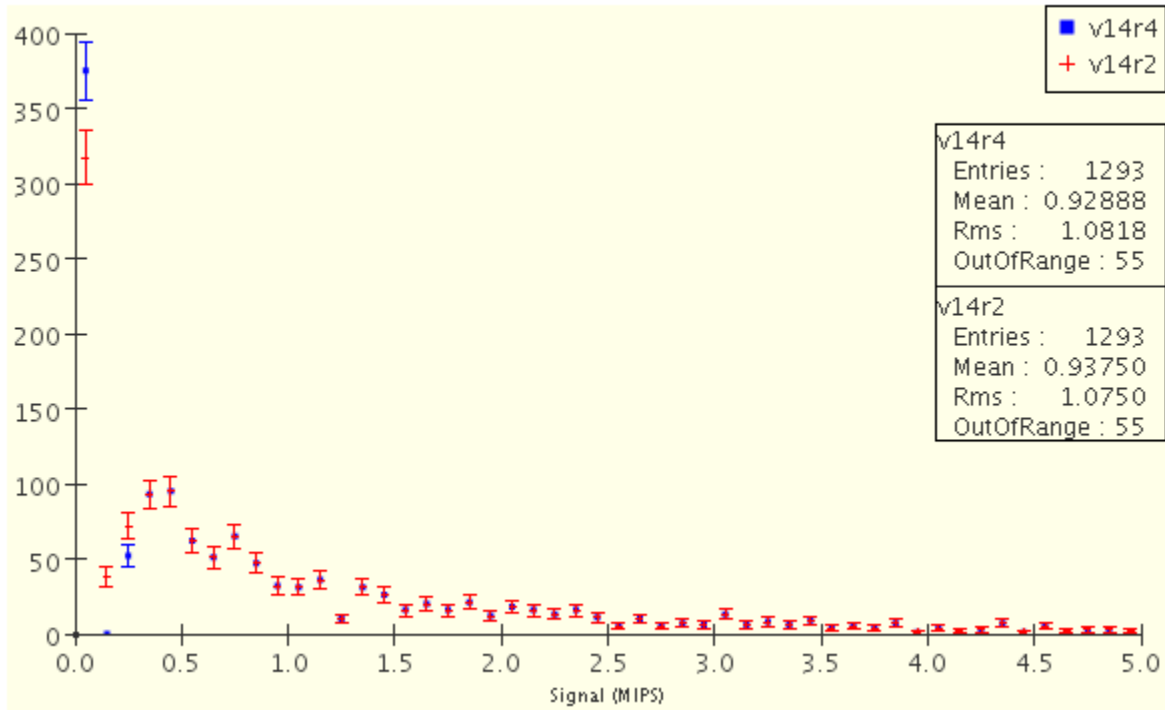
ACD Digi Plots

All of the system tests (except the vertical muons) show a similar change in the ACD digi ADC plots. You can see increase in zeros and suppression of sub-zero suppression threshold pulses. (*Shown below for the AllGamma test.*) Note that in v14r4 the low count shoulder disappears.



In some cases the ribbon MIPs plot has changed in a similar manner (*AllGamma shown*).

ACD ribbon signal size in MIPS



The VerticalGamma100MeV test shows a difference in the ACD digi total sum (*below*). This also appears consistent with setting sub-threshold PHA's to zero.

Acd Digi ADC summed over all tiles

