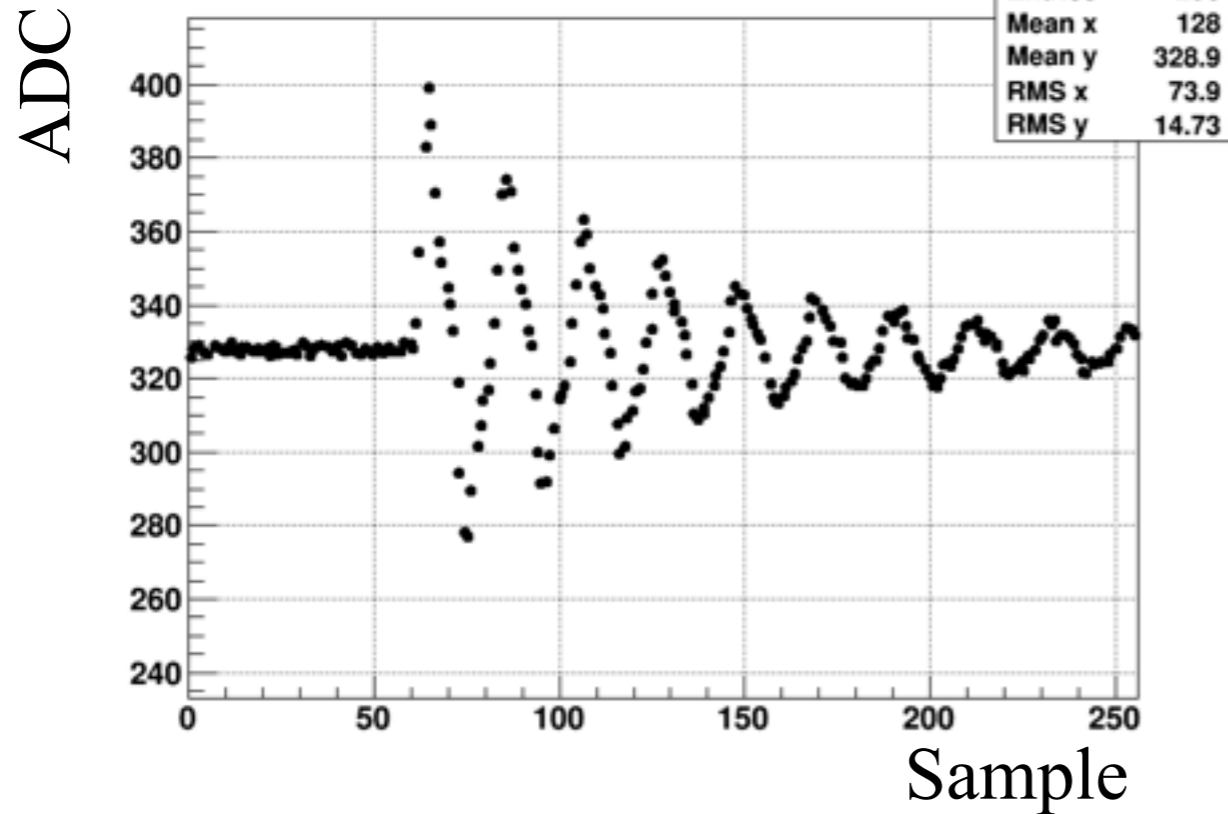
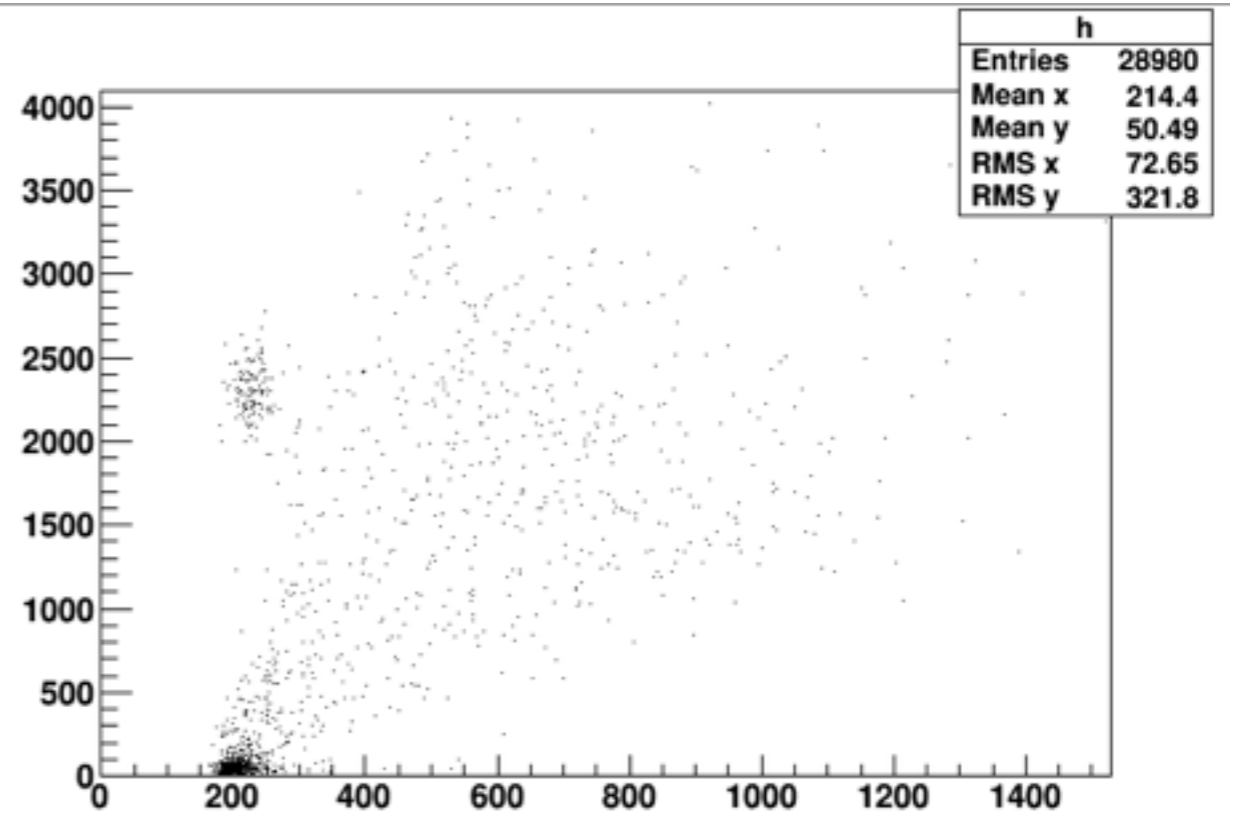


Cosmic-ray data : RUN#24895

1 event display

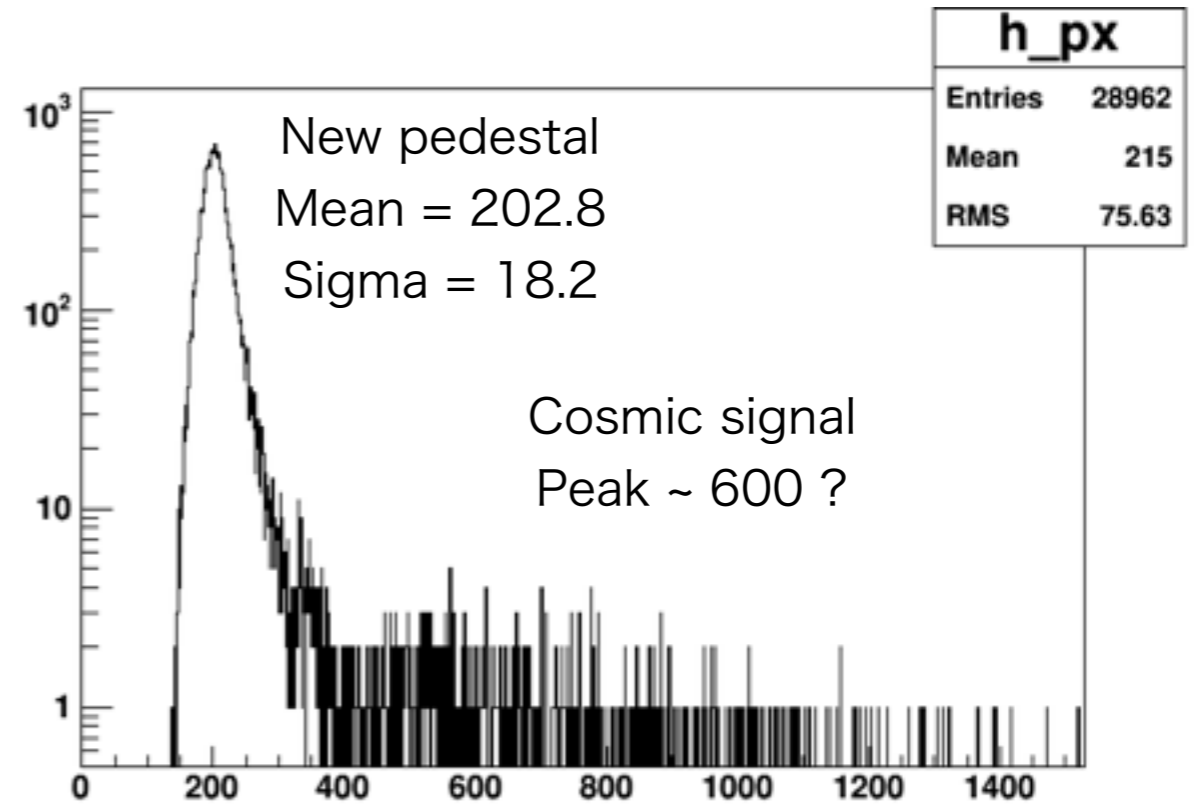


CH123



“abs” integration for CH23

- IB CH23 is now connecting Crate#15, FADC#1, CH#0
- Very small signal can be seen as shown above.
- If calculated “abs” integration to calculate Integrated ADC as $IntADC += fabs(Data[i] - Pedestal)$ for all 256 samples.
 - We can see cosmic signal
 - Good correlation btw CH123 (downstream)
- S/N ratio of cosmic-ray peak w/ small statistics ~ 22 for 25 MeV.
 - Noise level ~ 1.1 MeV (1 sigma)
- Of cause this channel is very weak against accidental hit.



“abs” integration for CH23