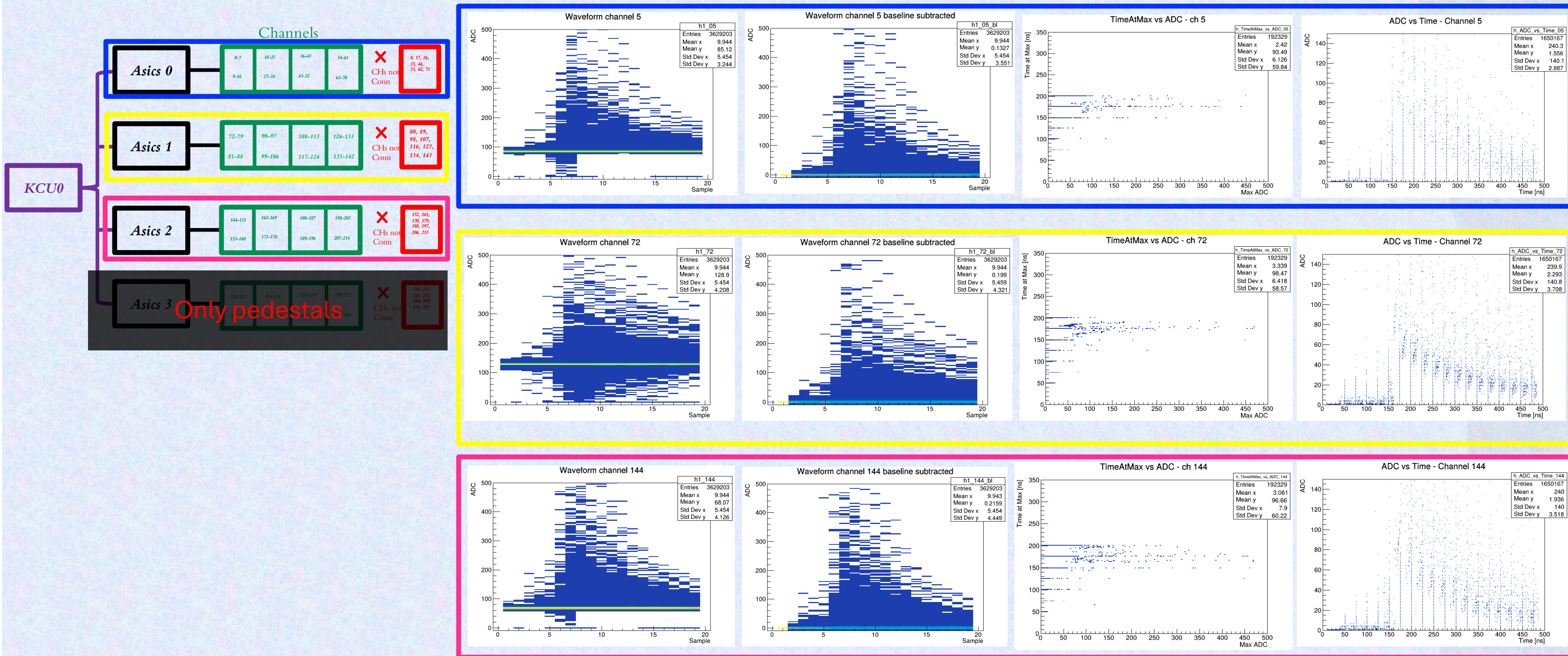
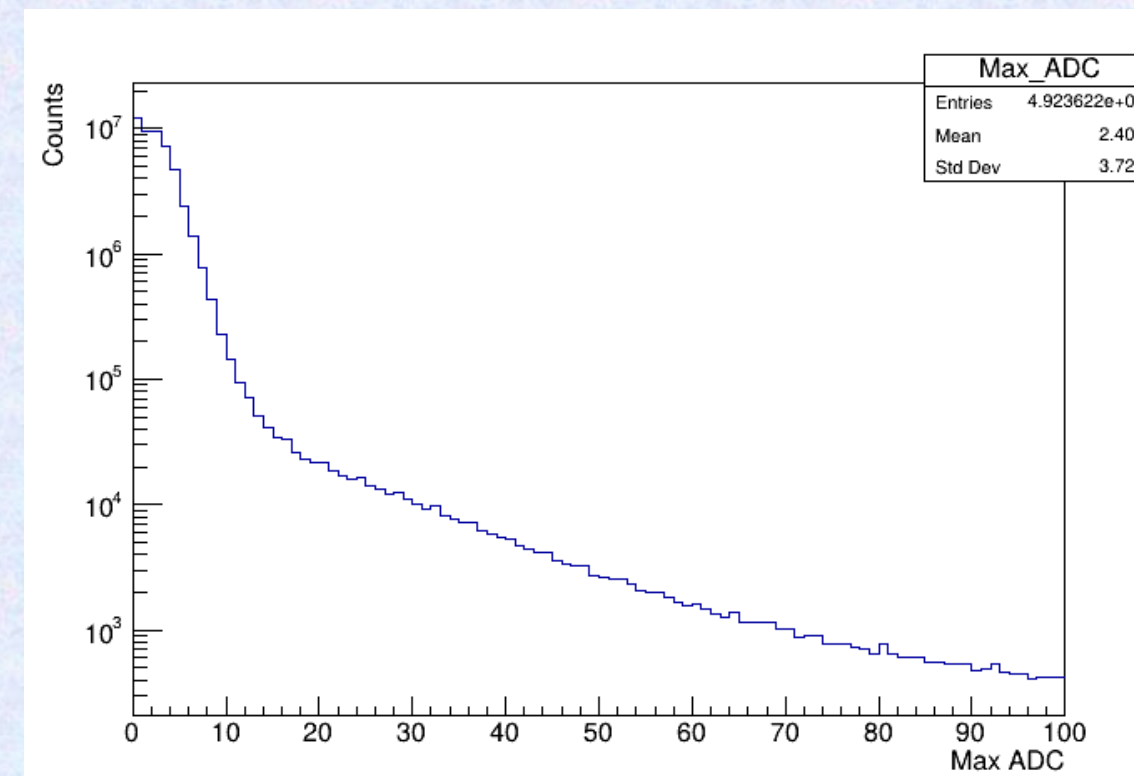
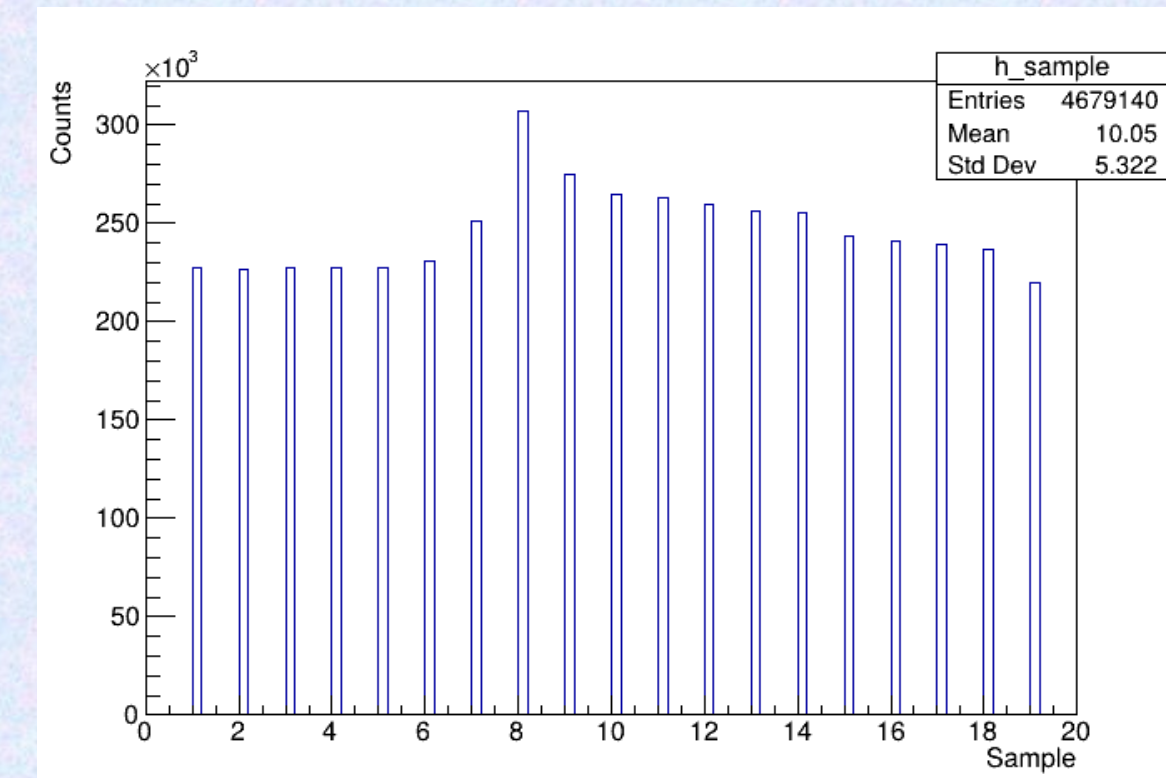
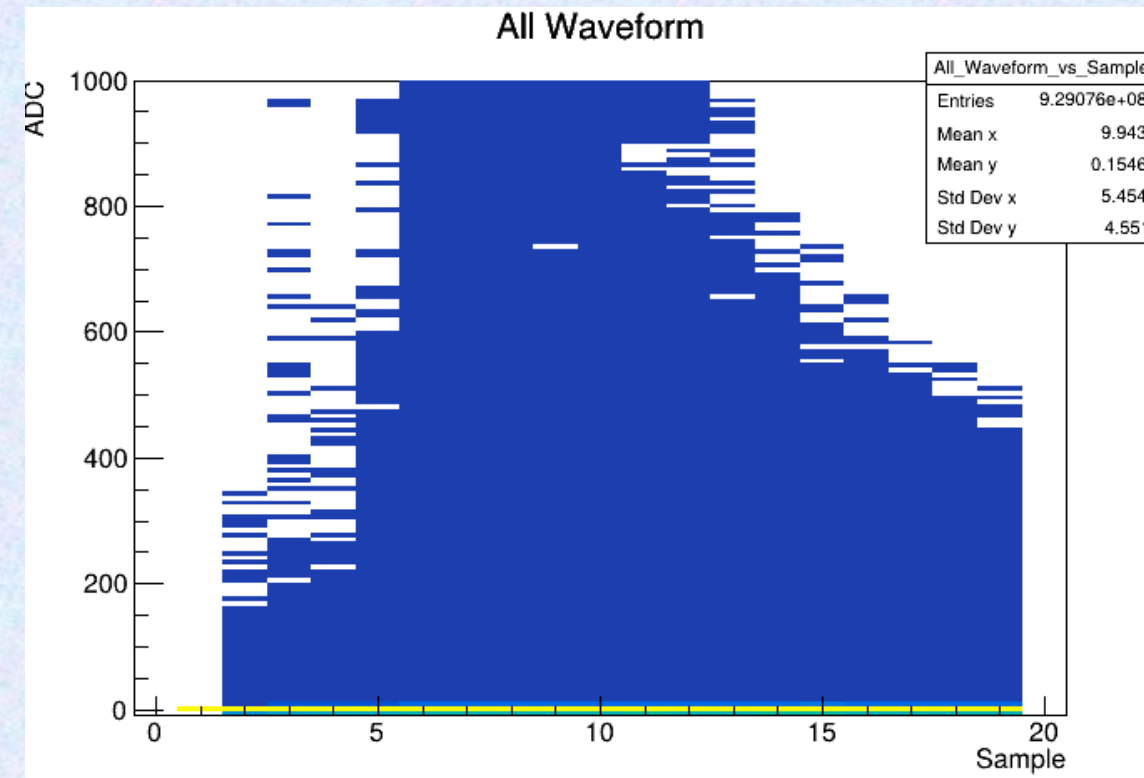
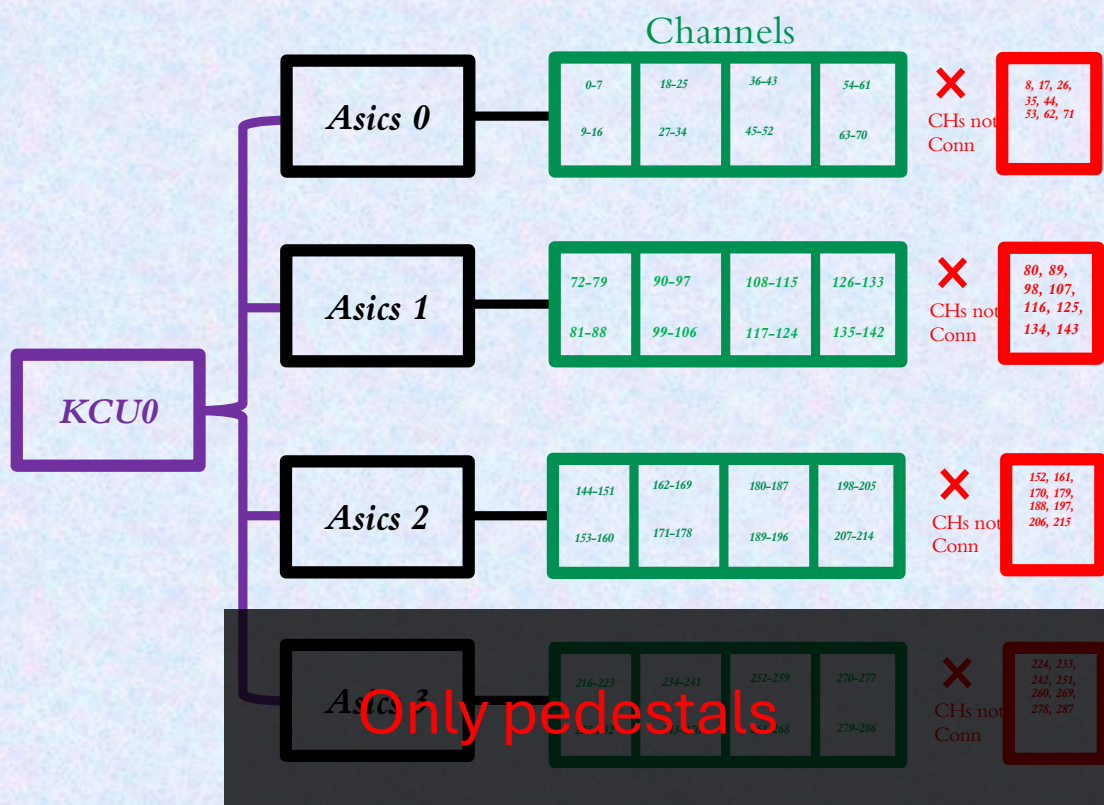


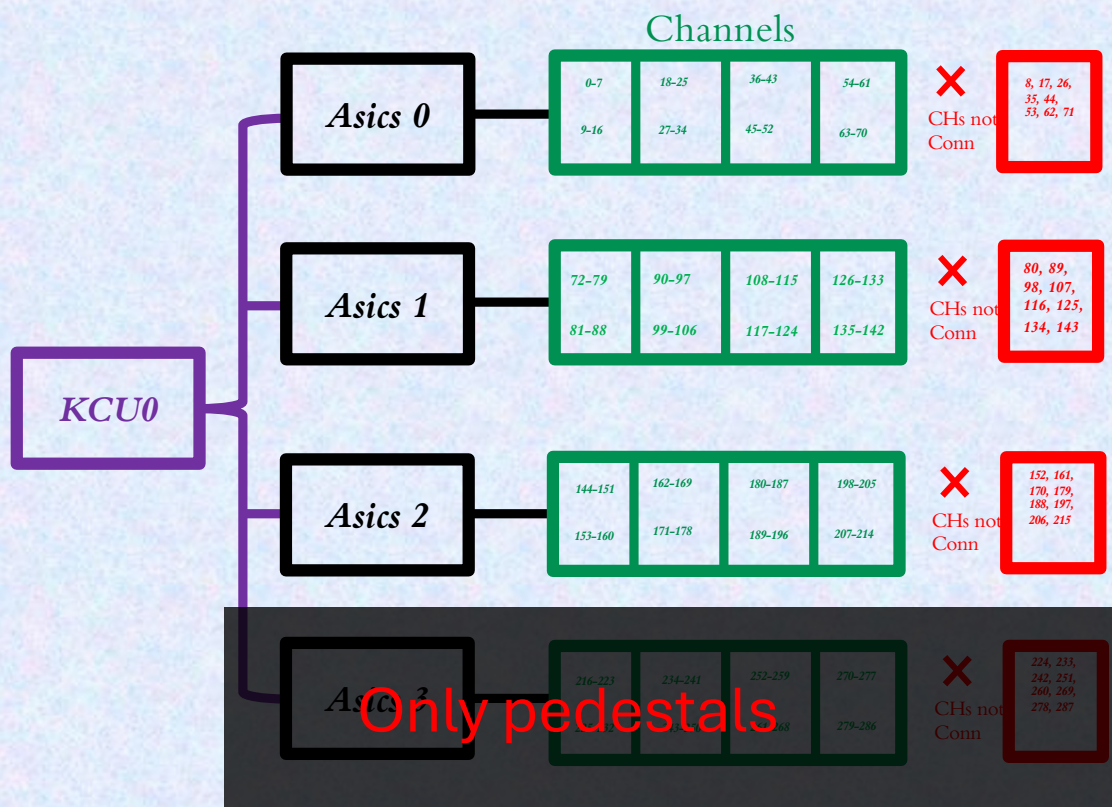
## Parasitic beam test of an ePIC Barrel Imaging Calorimeter prototype detector in Hall D / PS area



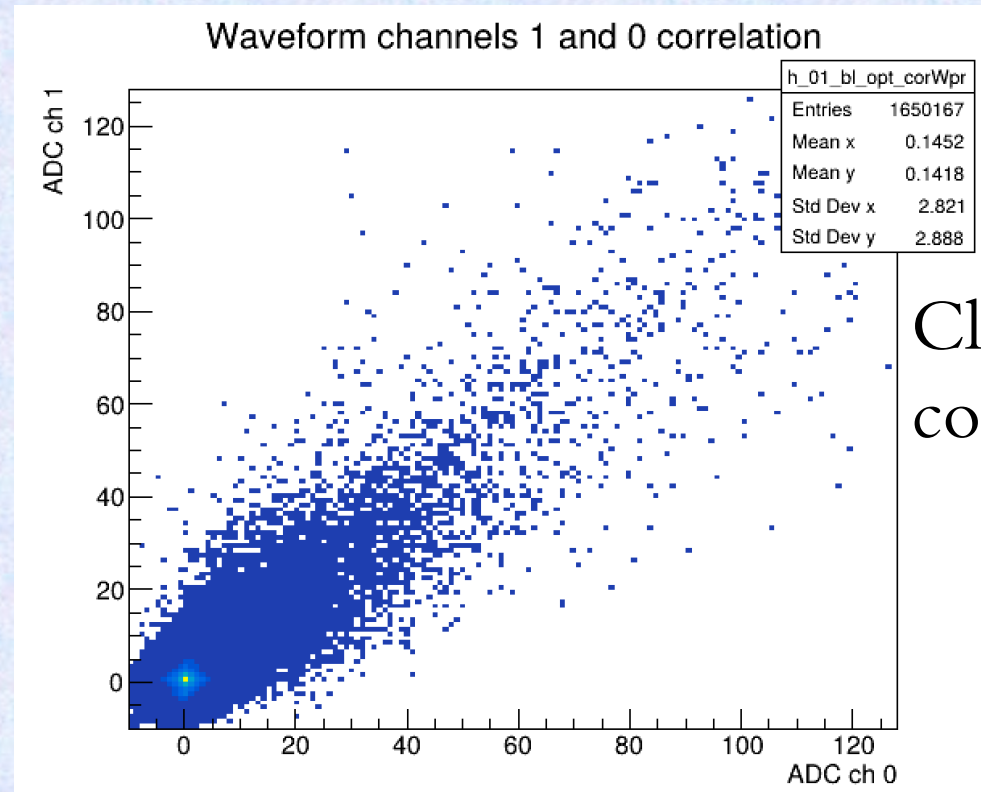
## Parasitic beam test of an ePIC Barrel Imaging Calorimeter prototype detector in Hall D / PS area



## Parasitic beam test of an ePIC Barrel Imaging Calorimeter prototype detector in Hall D / PS area

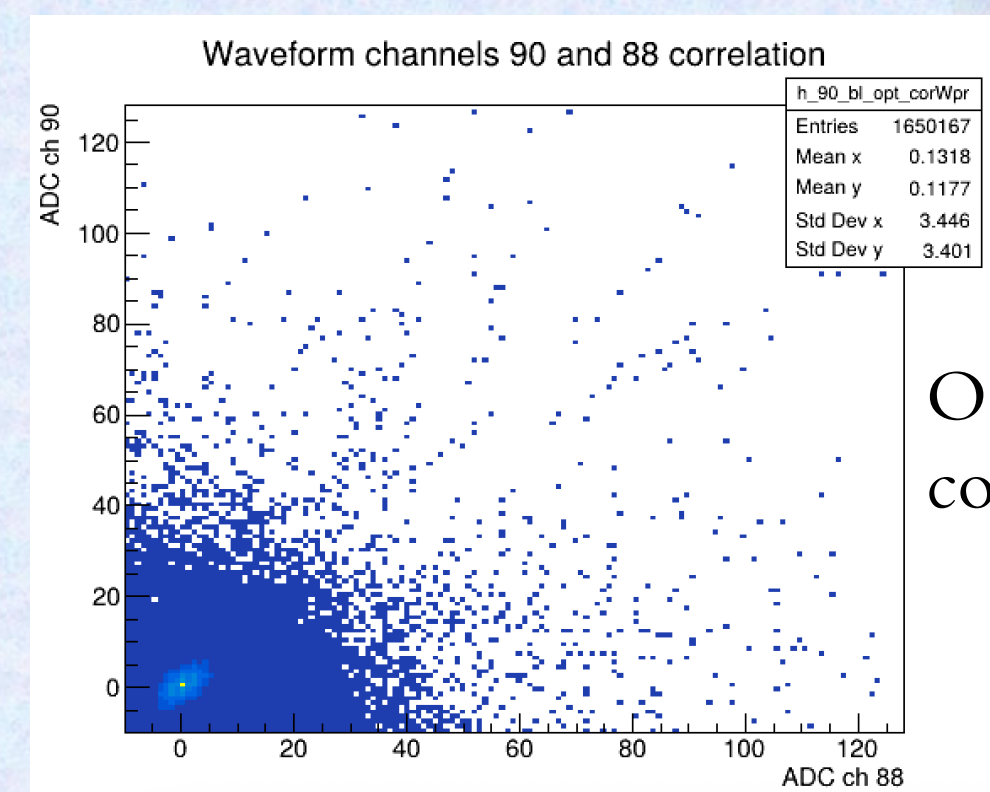


**Intra-SiPM Intra-ASIC Correlation**



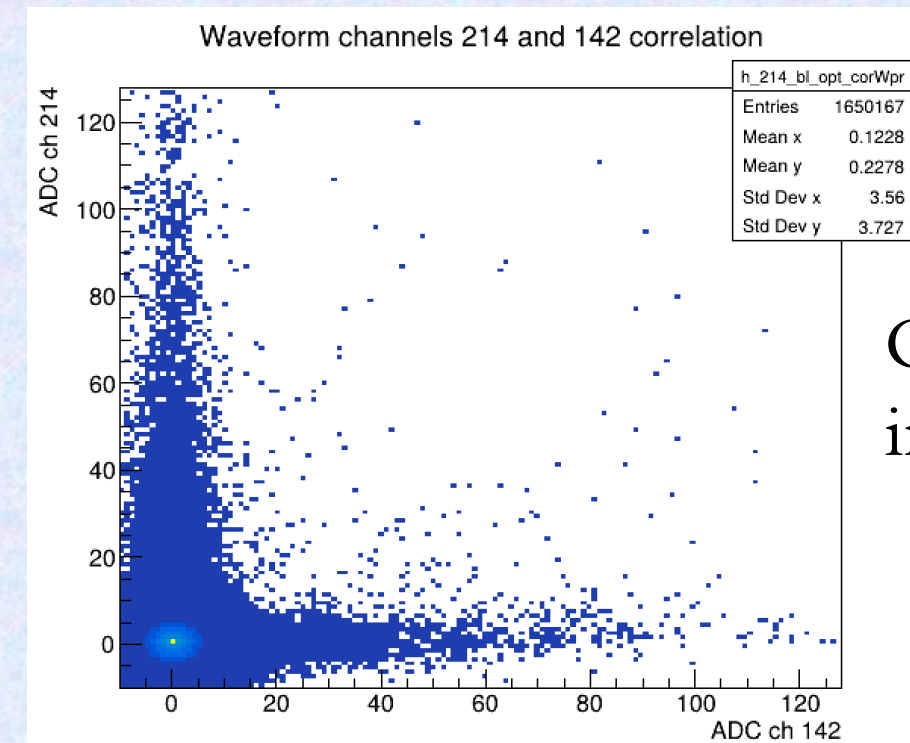
Closely coupled

**Inter-SiPM Intra-ASIC Correlation**



Occasional coincidences

**Inter-SiPM Inter-ASIC Correlation**



Completely independent

Case	Correlation	Comments
Intra-SiPM, Intra-ASIC	Strong diagonal	Shared properties + electronics
Inter-SiPM, Intra-ASIC	Weak/moderate	Common ASIC noise
Inter-SiPM, Inter-ASIC	None (L-shape)	Independent channels