With or without cosmics

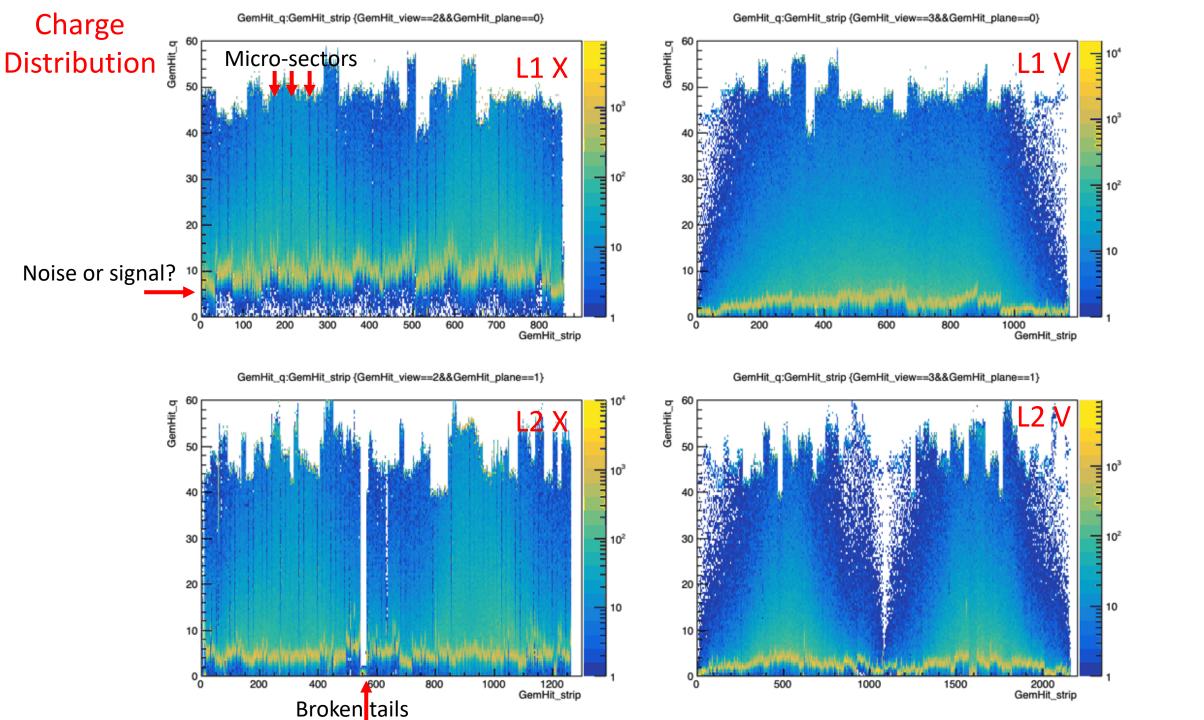
(check of data w/ and w/o cosmics)

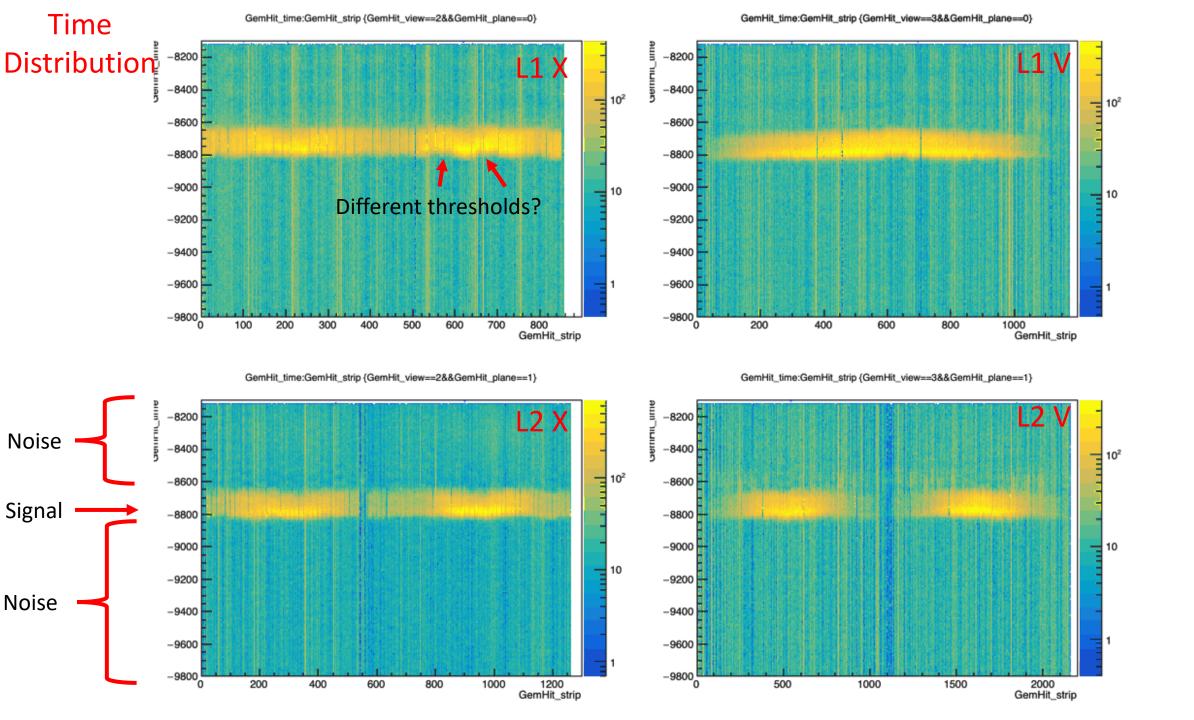
Stefano Spataro

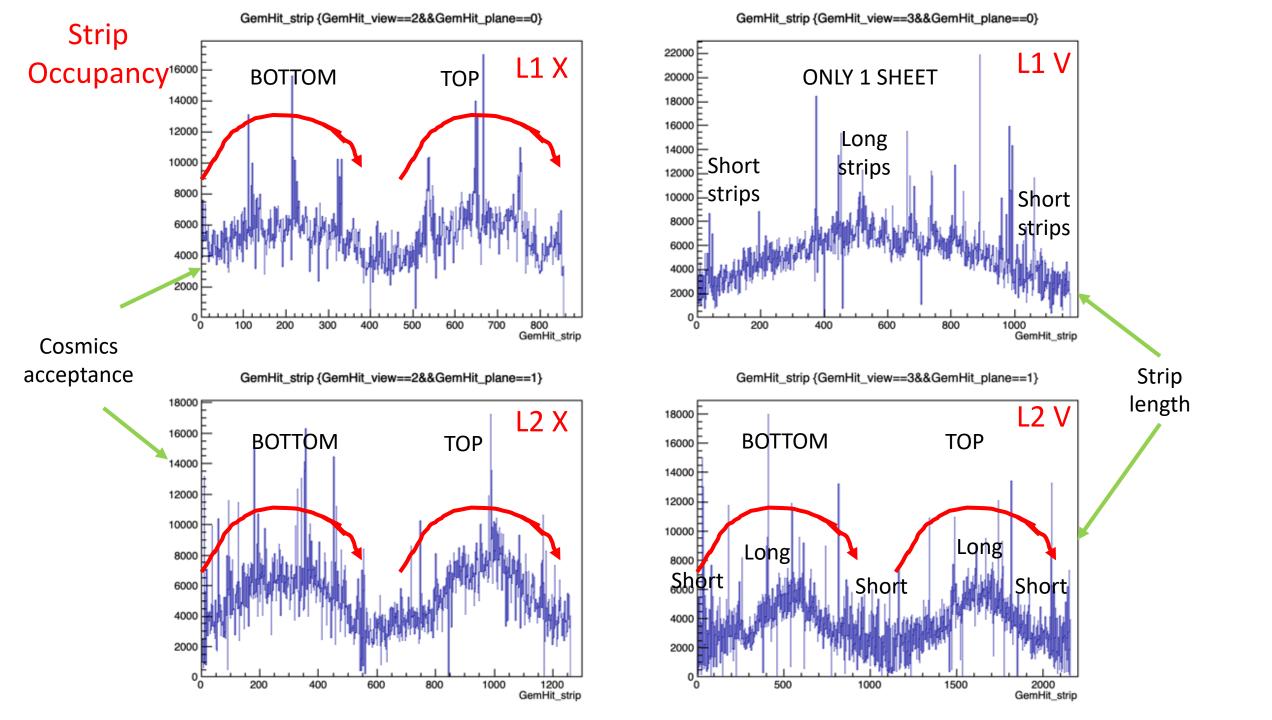
30 - March - 2020

Run 17

Nothing news from the plots, Just few comments about

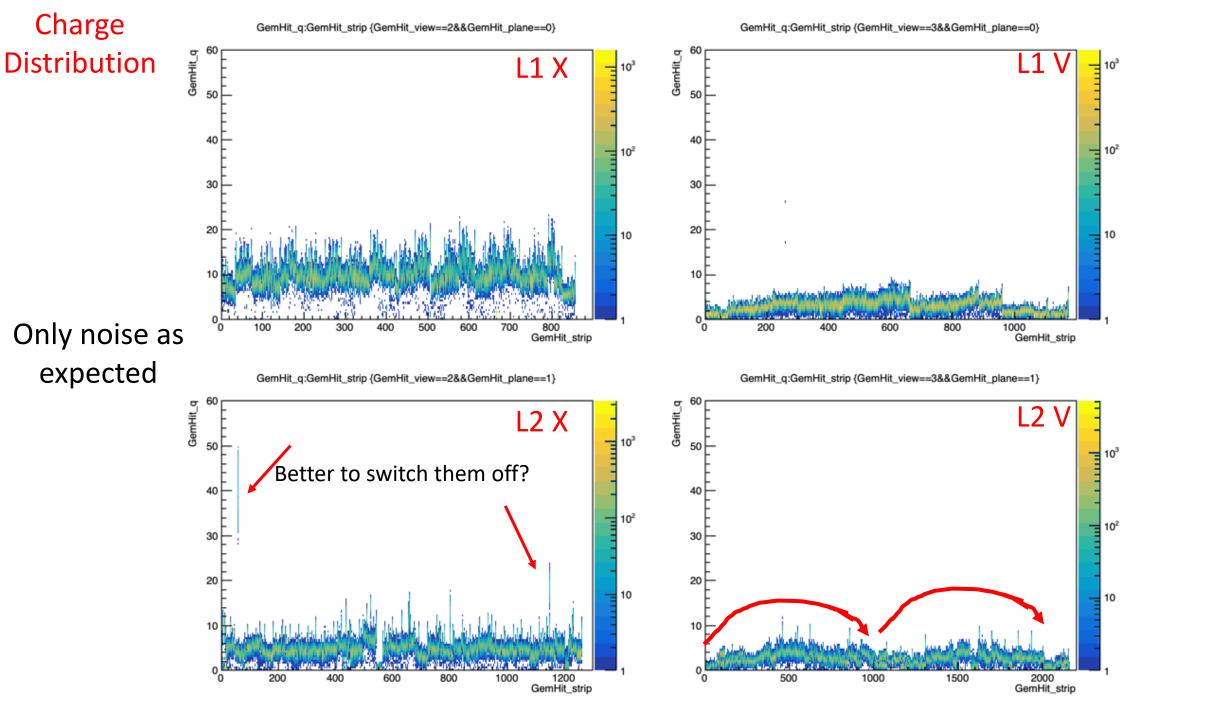


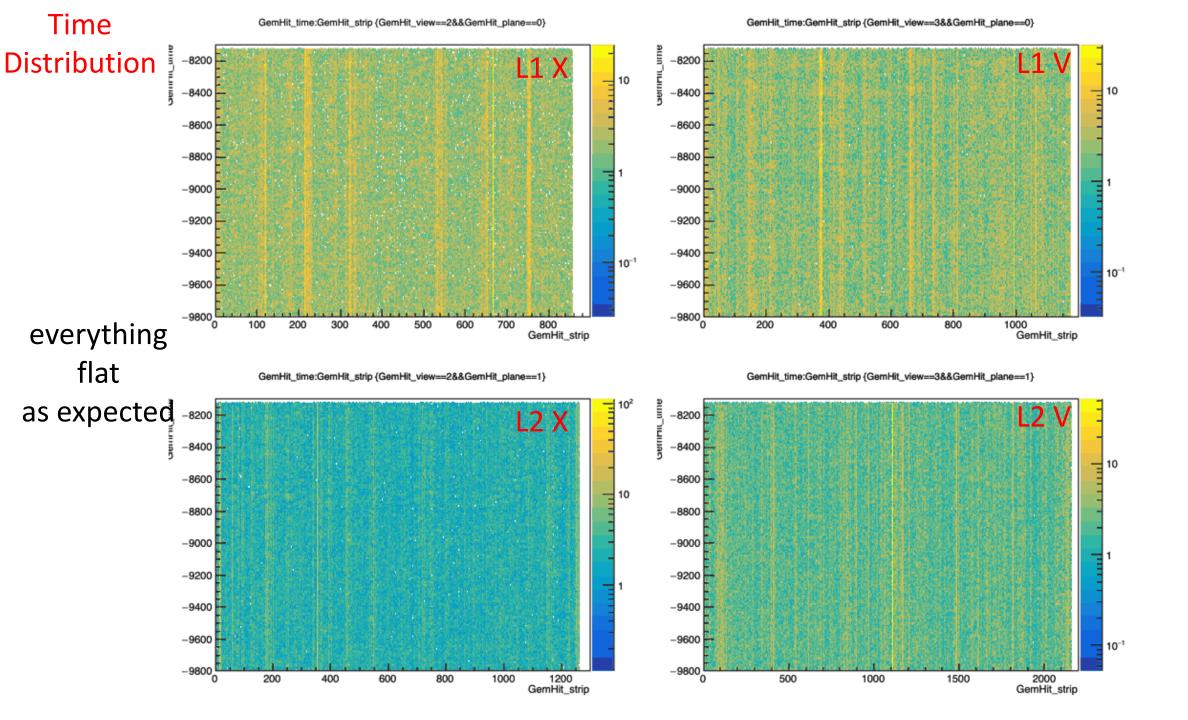




A run was taken with low gain, for testing

HV set to 200V everywhere Low voltage, no signal from cosmics, only noise



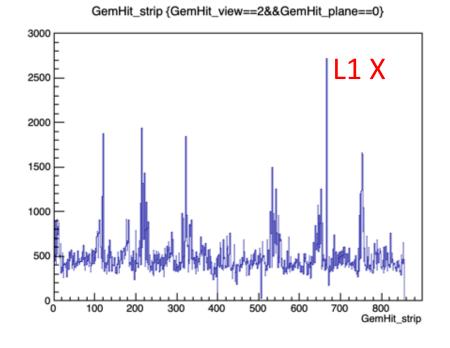


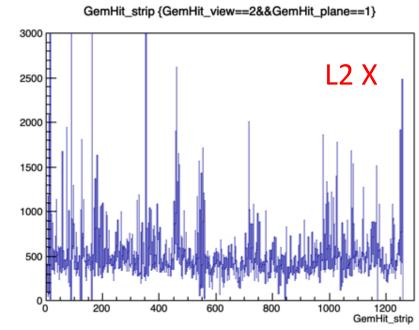
Strip Occupancy

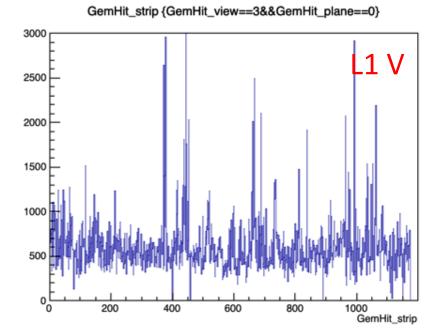
everything flat as expected

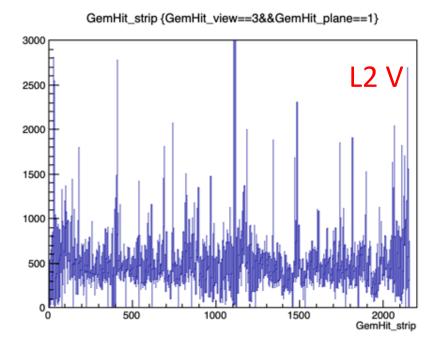
with few bumps

This is the reason why we have different thresholds: constant noise rate





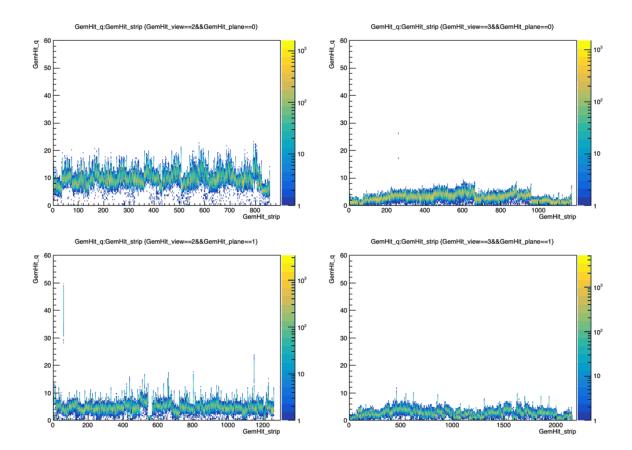


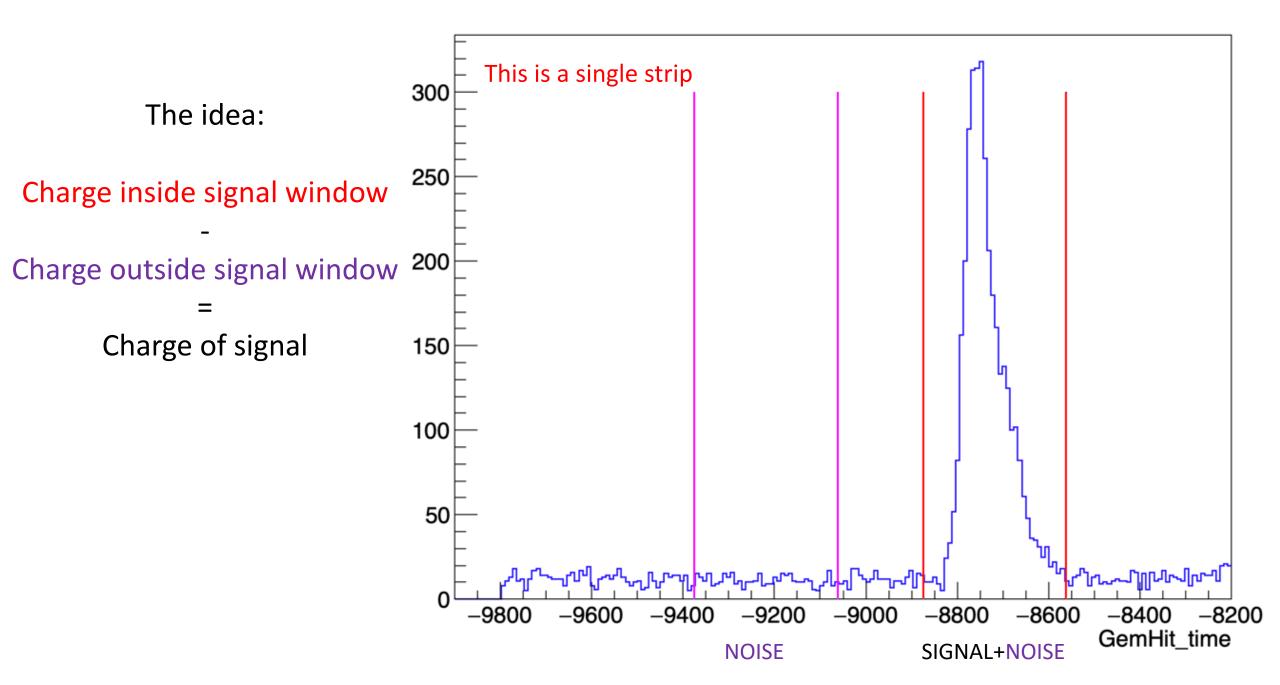


Question?

The low charge signals are only noise or also particle signals?

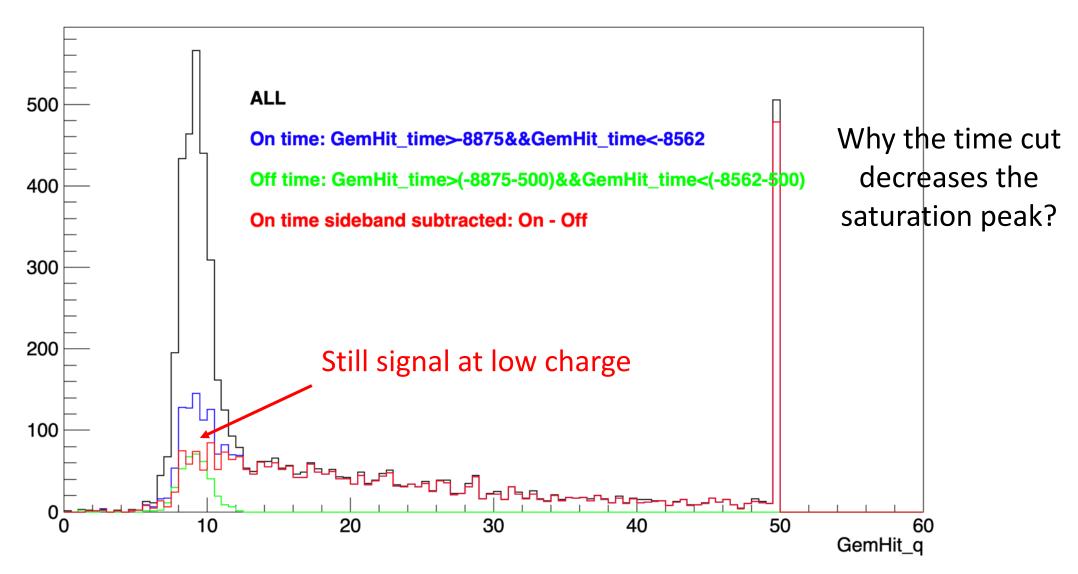
Can we cut on charge to clean the events?





L1 X strip 200

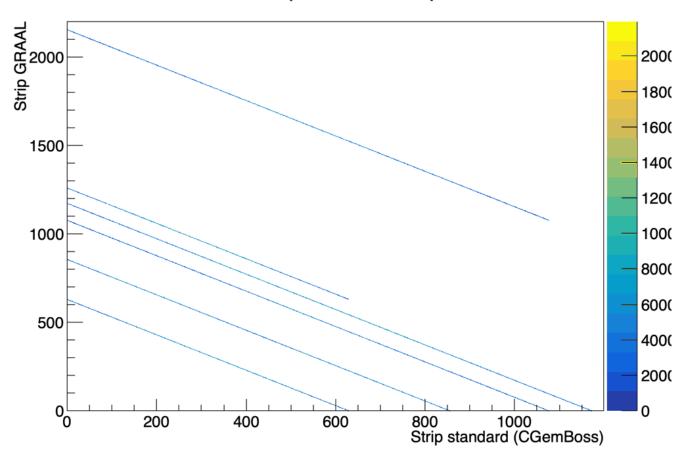
GemHit_q {GemHit_strip==200&GemHit_view==2&&GemHit_plane==0}



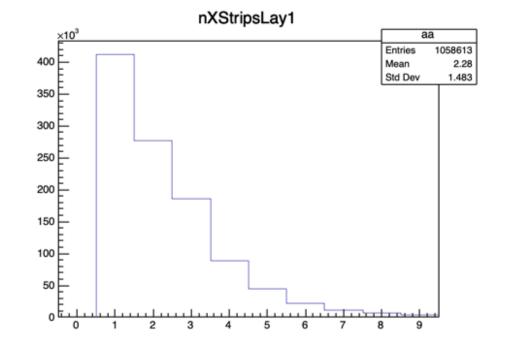
Warning! – Strip Mapping

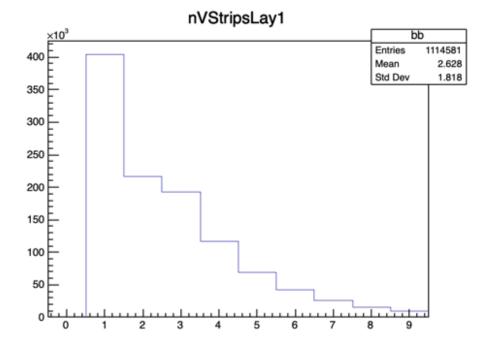
The plots before were done with GRAAL strip definition, sorry

GemHit_strip:GemHit_strip_boss

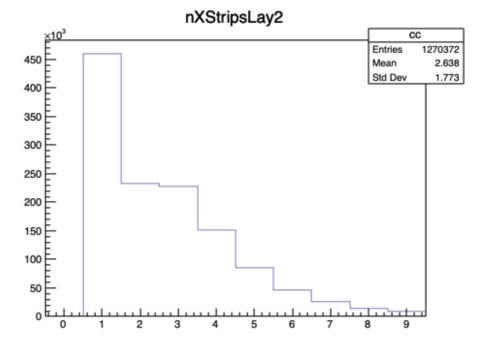


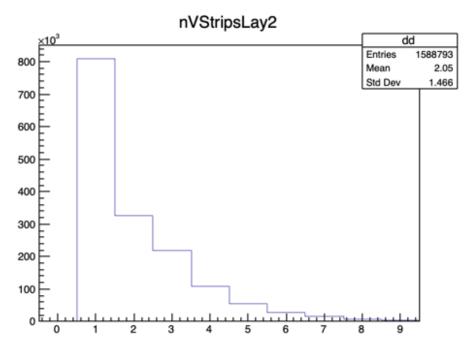
What at cluster level ?

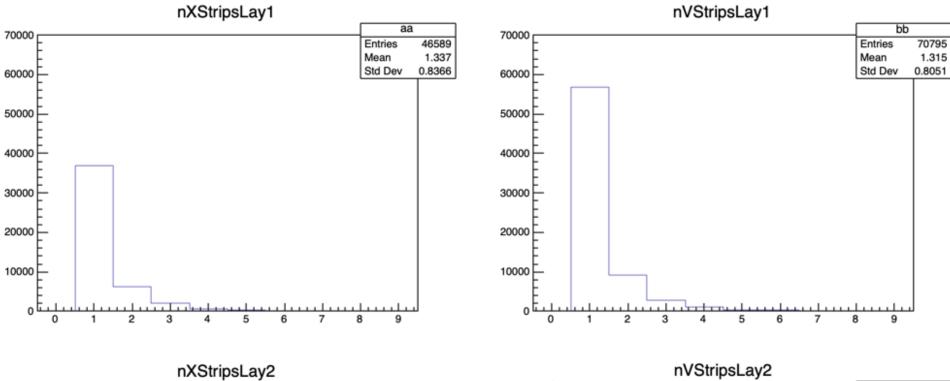




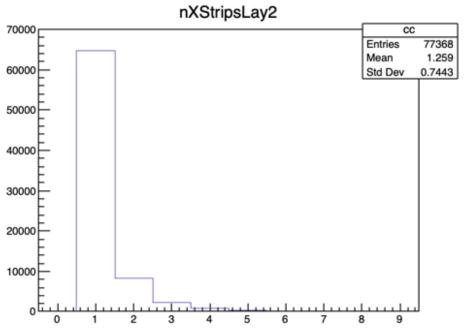
Run 17

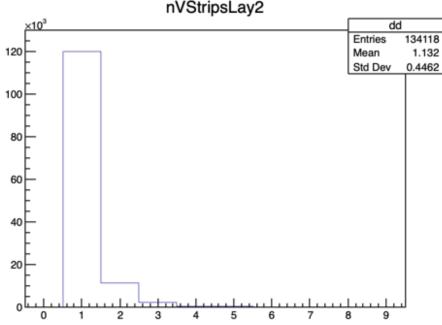






Low HV





Check of charge sharing between different views

