

BigBite GEMs Update

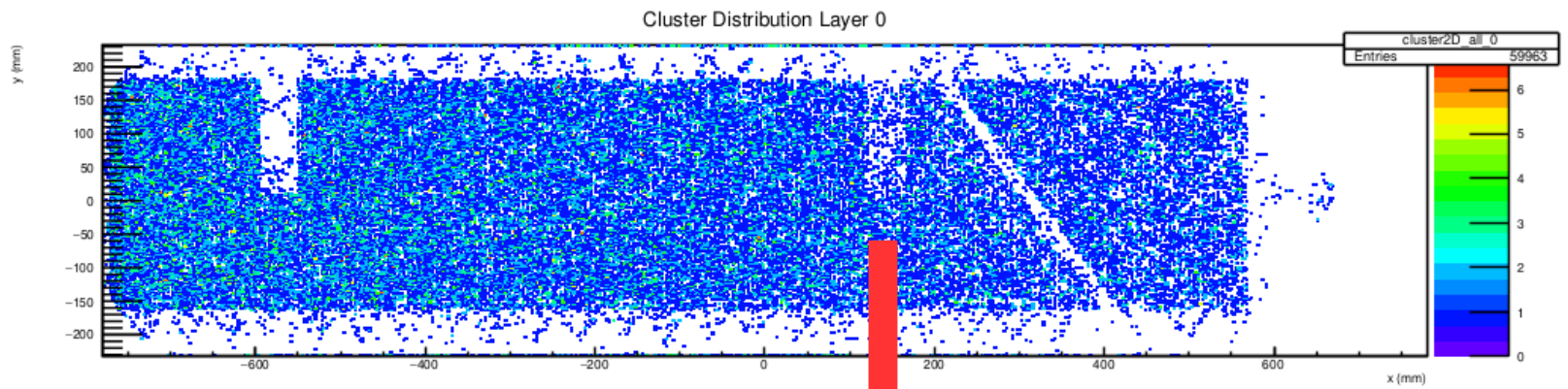
Sean Jeffas

September 29, 2021

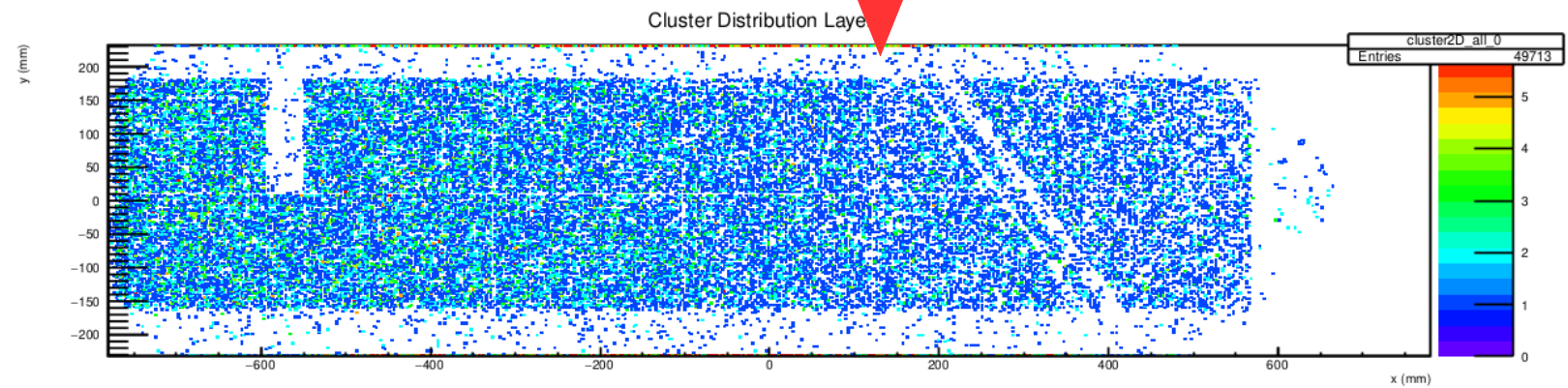
UV #3

- Sector has come back to life.

Last week



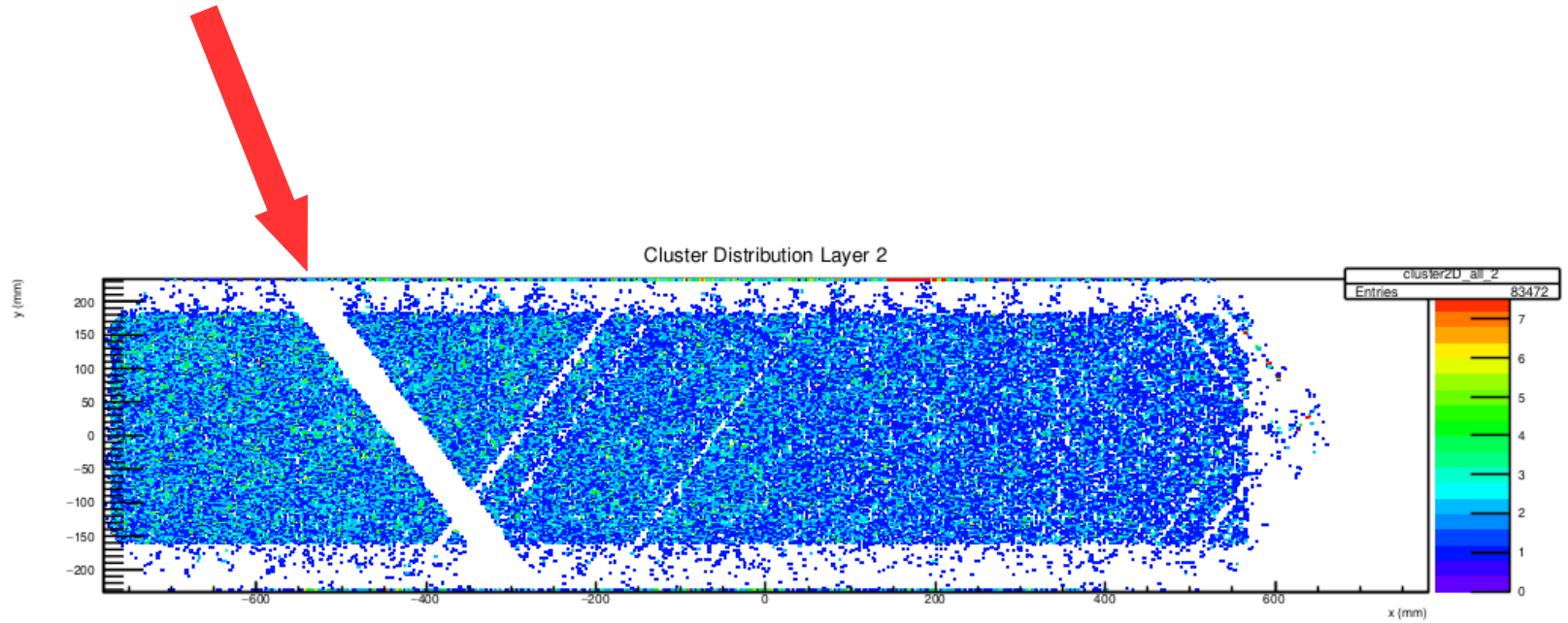
This week



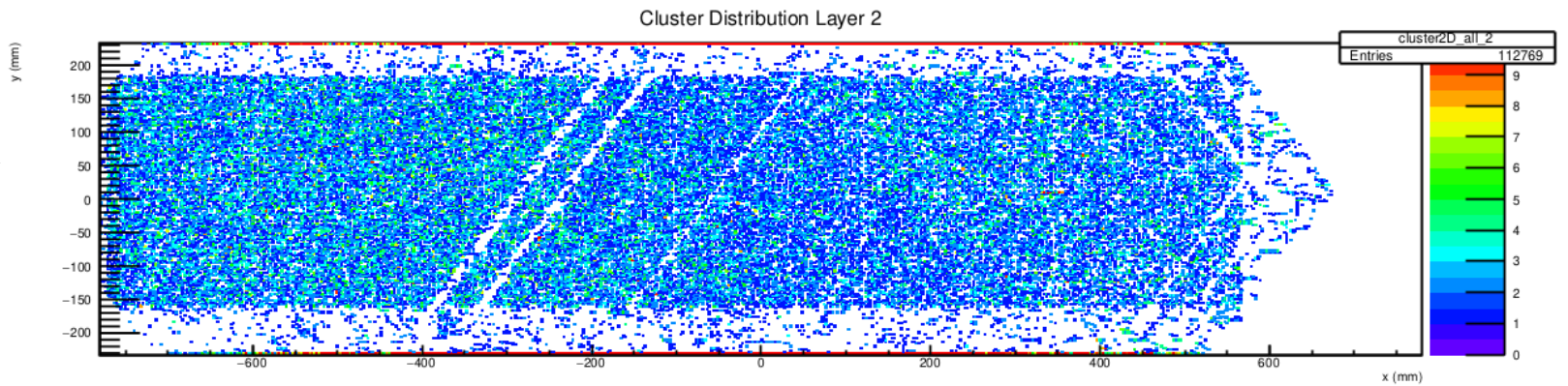
UV #4

- APV was replaced

Last week

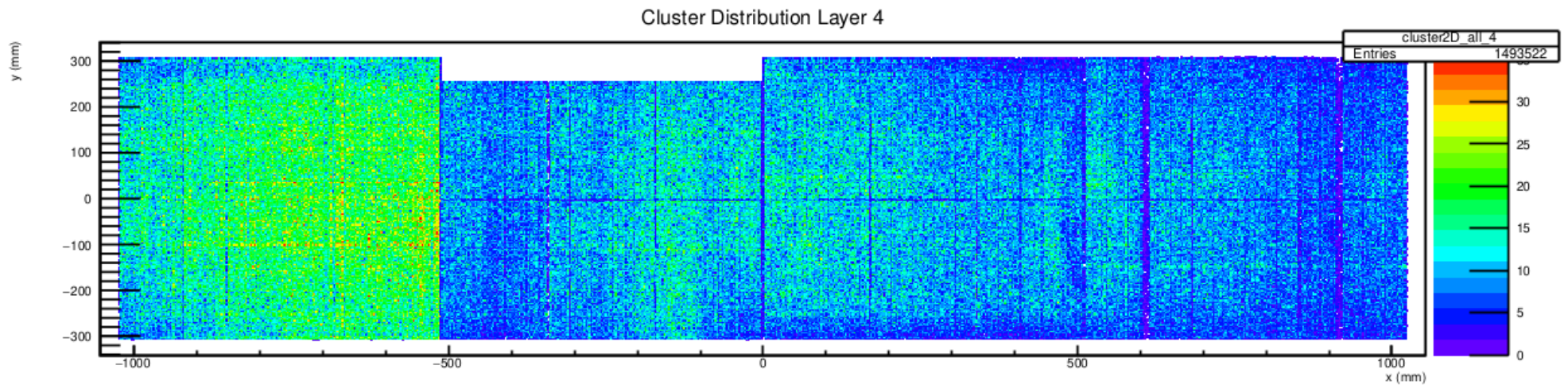


This week



UVa XY

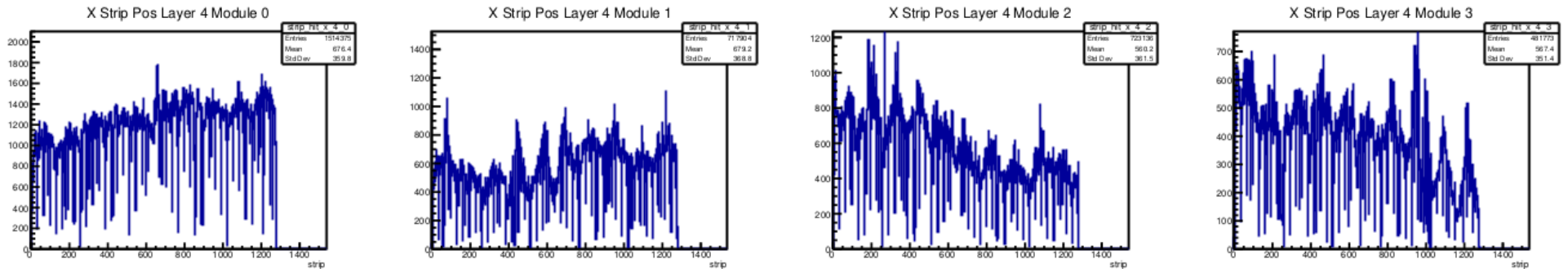
- Some confusion last weekend, when we discovered two fibers were swapped.
- Fixed and everything is back to normal.



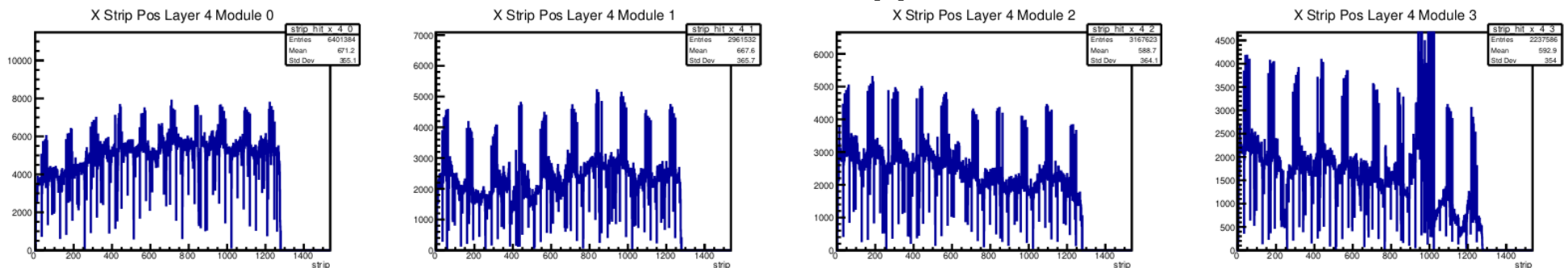
Zero Suppression Comparison

- Bugs were fixed by Ben in online zero suppression.

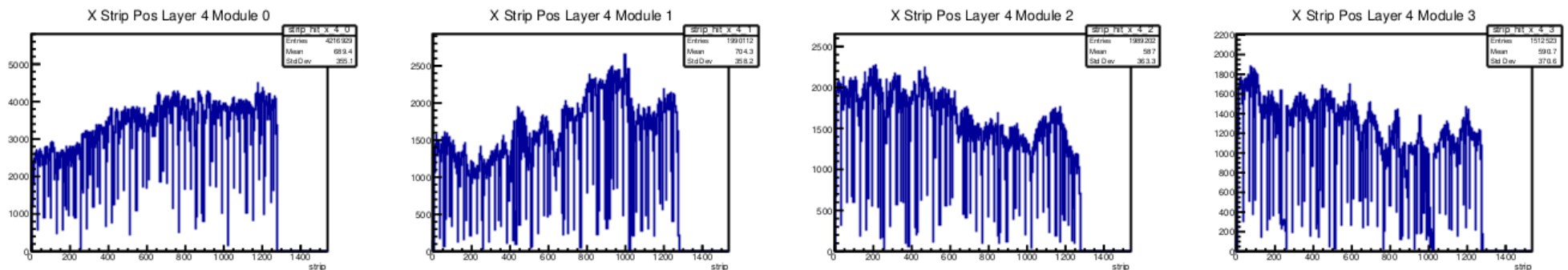
No Online Zero Suppression



Old Online Zero Suppression



New Online Zero Suppression



Future Work

- We have been varying the GEM HV throughout the week for an efficiency scan.
- First attempt at FIR coefficients did not work.
 - Evaristo fixed some bugs and I will try again today.