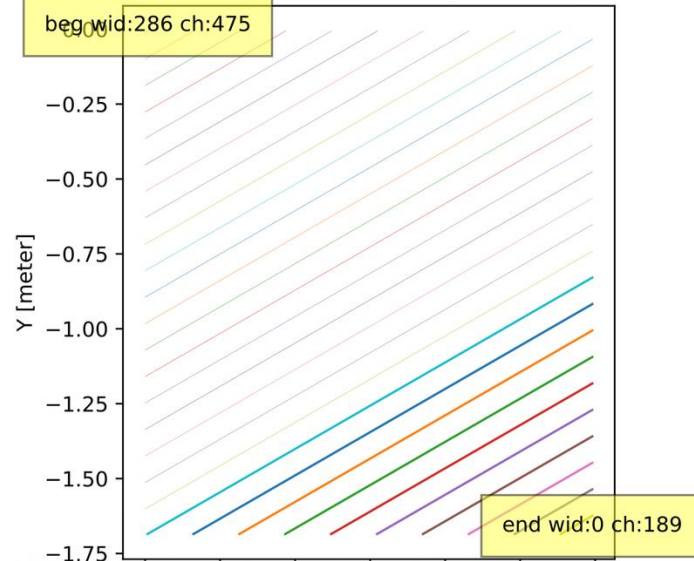


NF update in PDVD

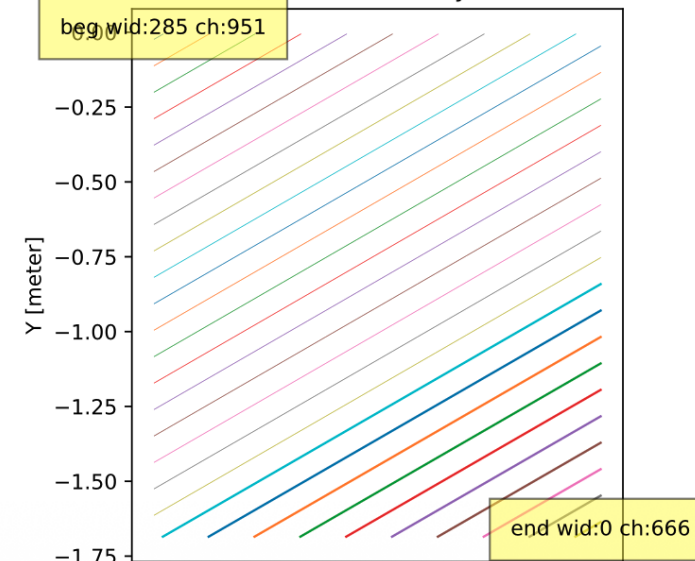
Xuyang Ning

PDVD channel arrange: CRP1;u

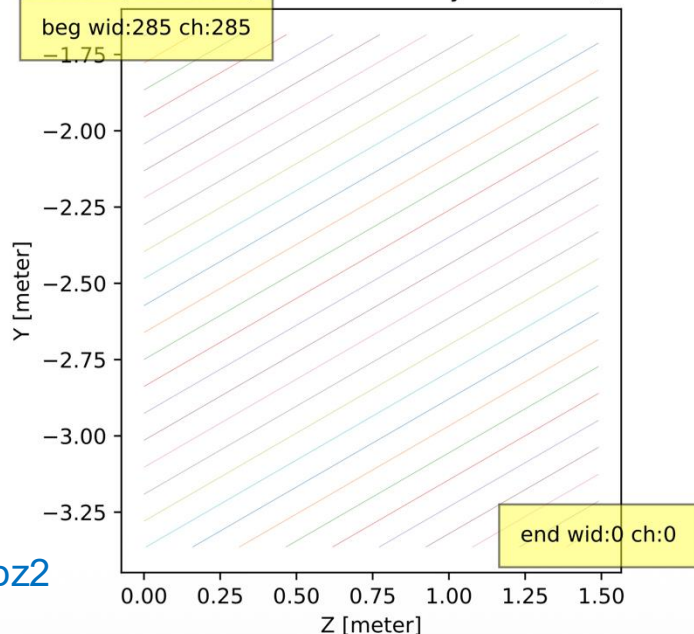
AnodeID 0, FaceID 0, PlaneID 0 every 10th wire, x=-3.415m



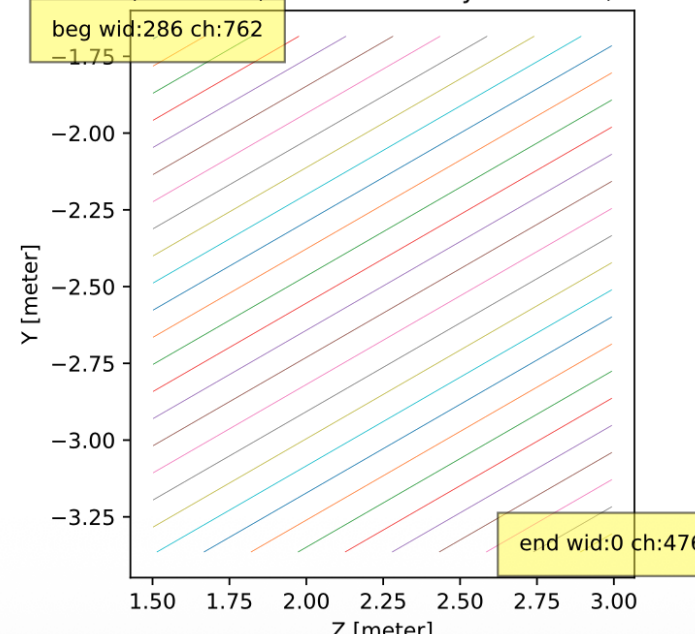
AnodeID 1, FaceID 0, PlaneID 0 every 10th wire, x=-3.415m



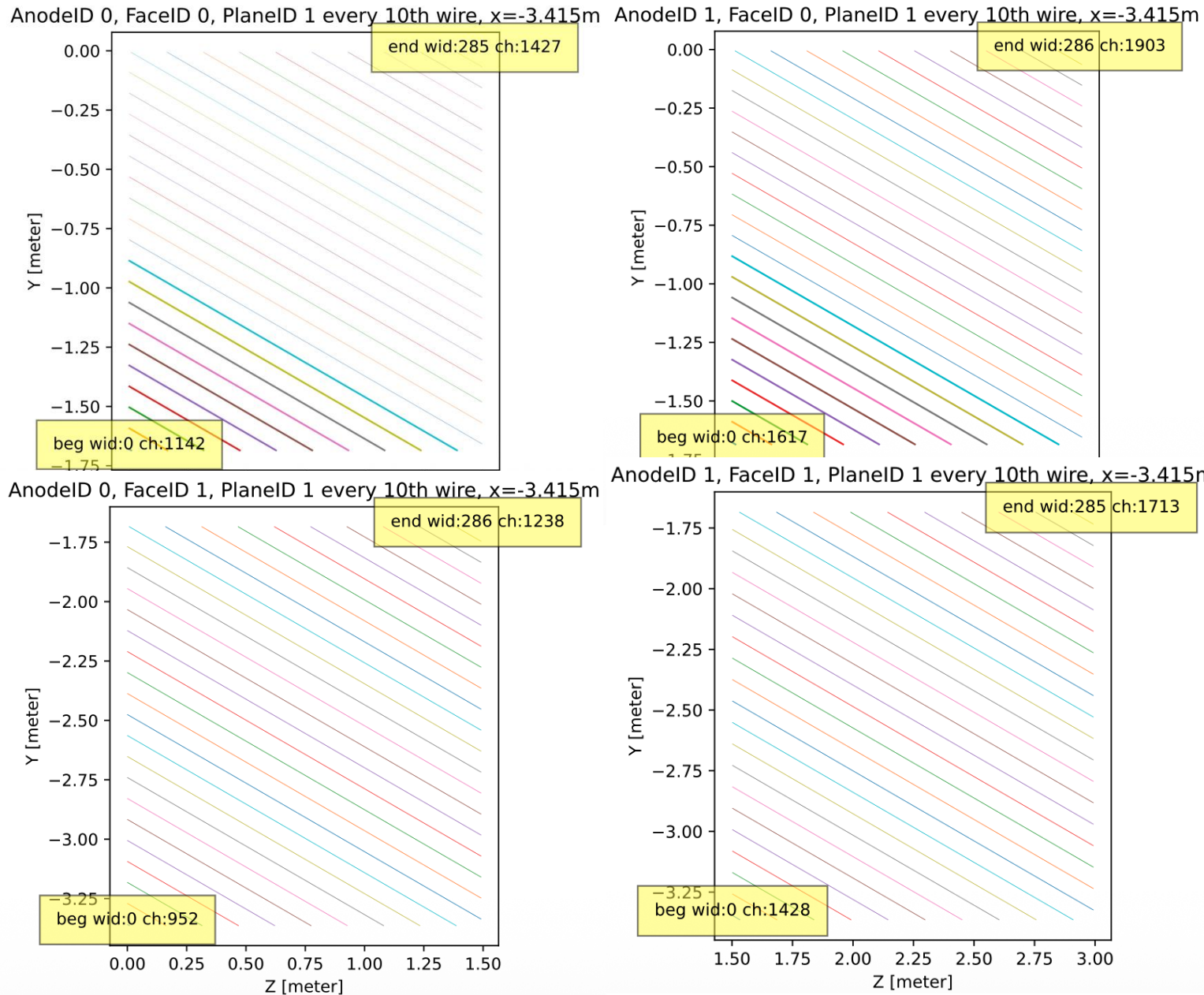
AnodeID 0, FaceID 1, PlaneID 0 every 10th wire, x=-3.415m



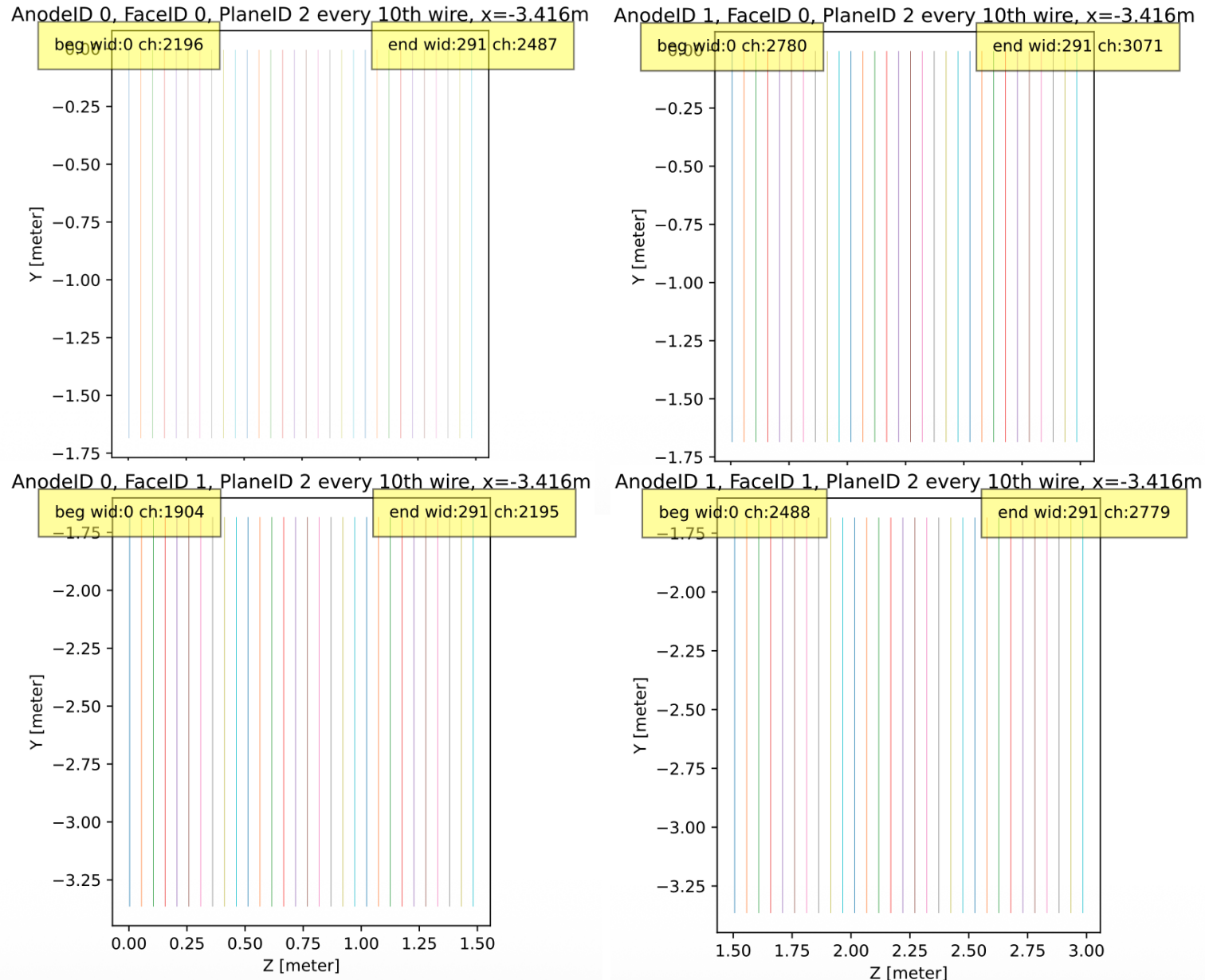
AnodeID 1, FaceID 1, PlaneID 0 every 10th wire, x=-3.415m



PDVD channel arrange: CRP1;v



PDVD channel arrange: CRP1;w

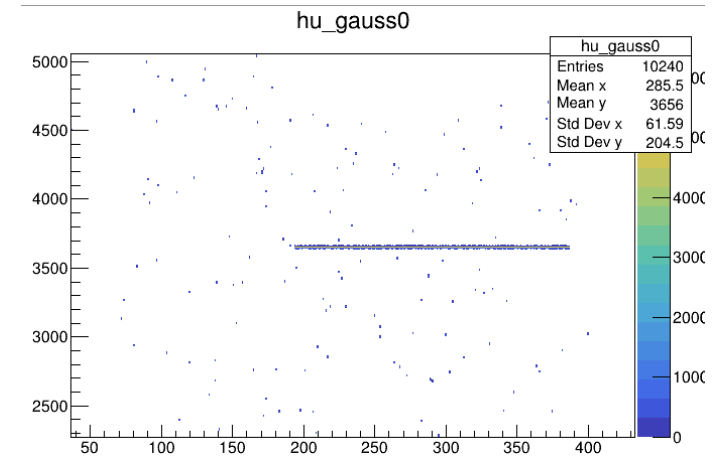
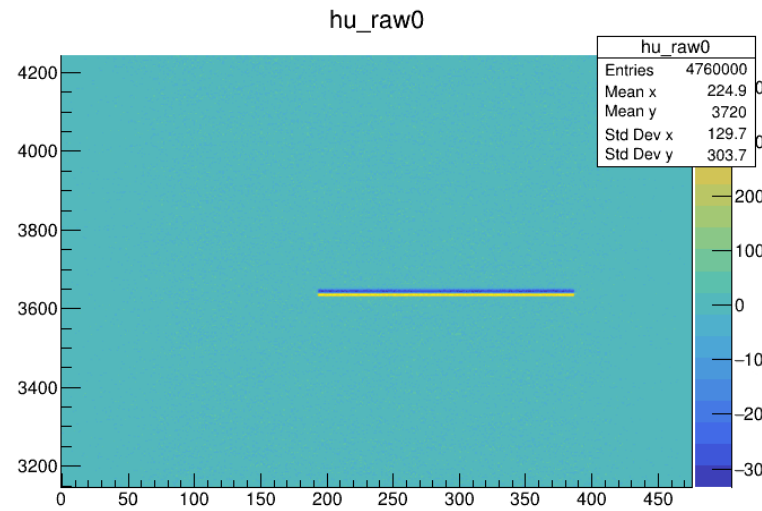


CNR isochronous MIP check

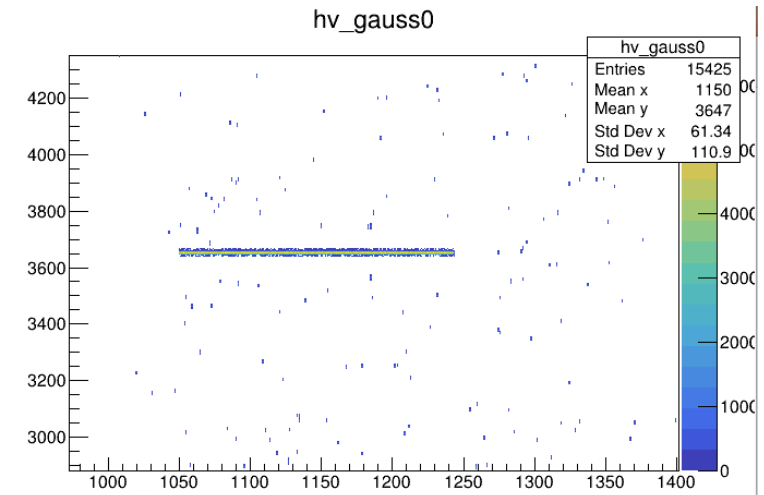
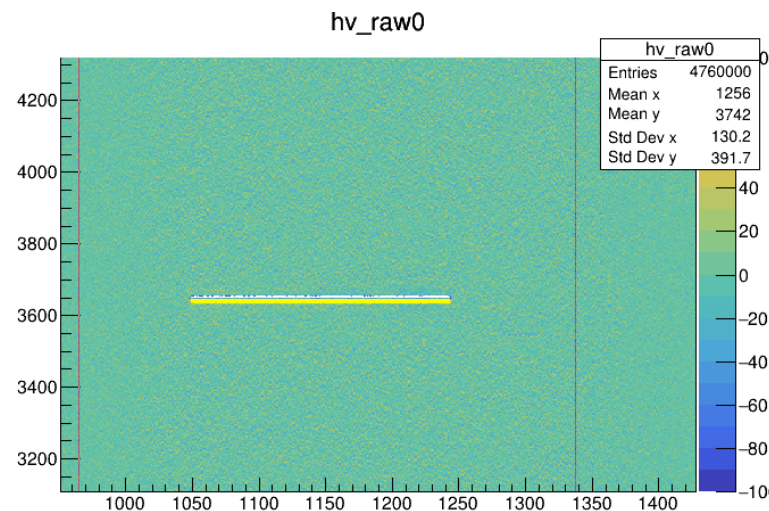
- Simulate tracks parallel to the plane and perpendicular to the wires
- wct standalone simulation

Bottom

u plane



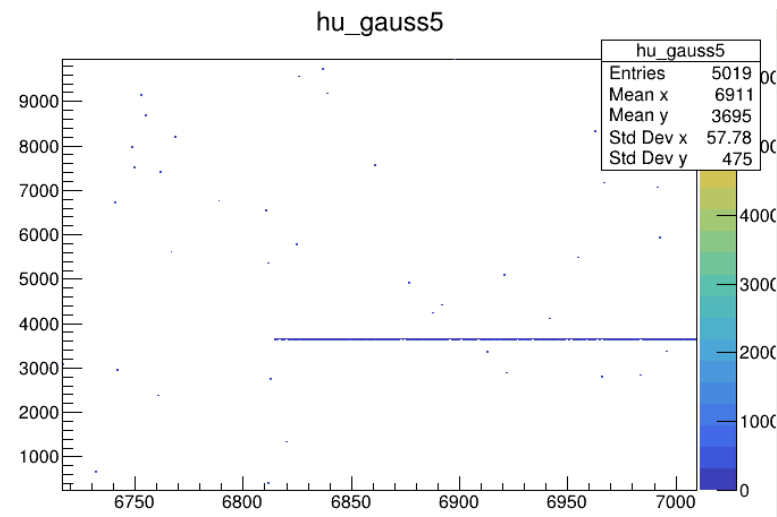
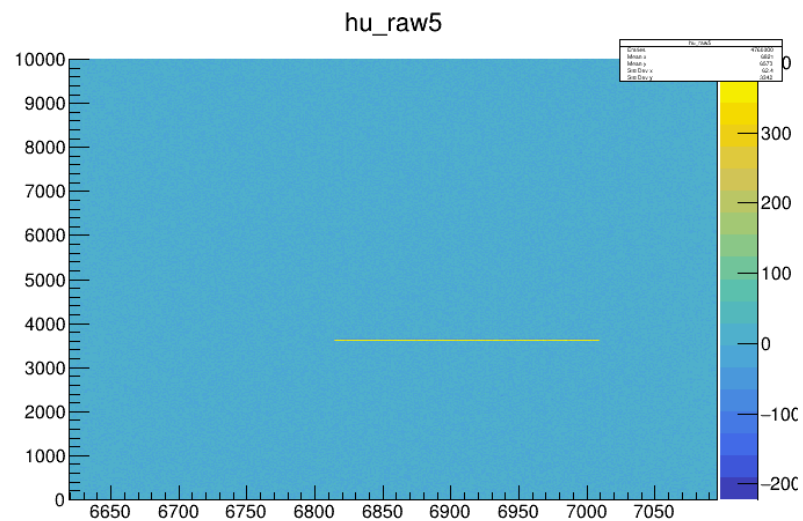
v plane



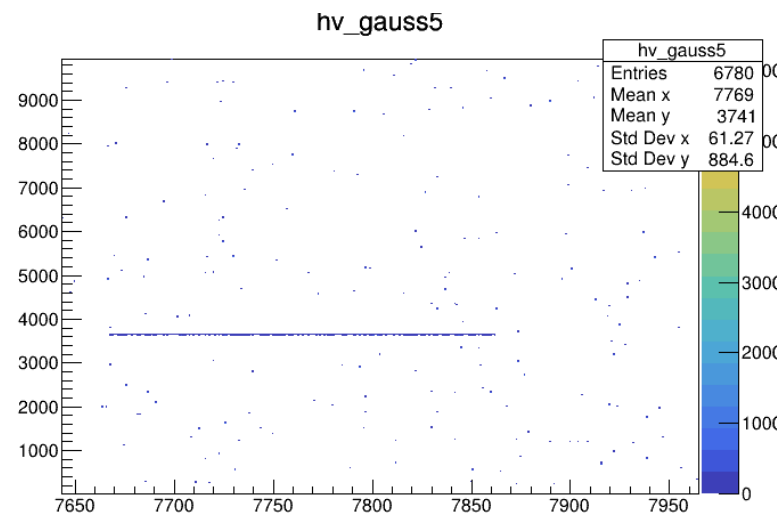
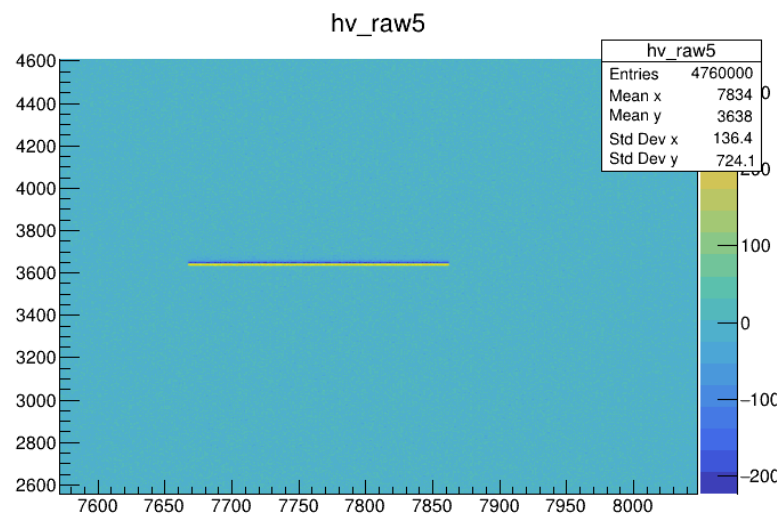
CNR isochronous MIP check

Top

u plane



v plane



Bad channels

From Karla:

- Shorted high-noise bad channels:
 - 1958,2250,2868 for CRP 4 (current CRP1) ;
 - 182,1424,1849,2949,2997,3019 for CRP 5 (current CRP2)
- Dead channels:
 - 3455 (CRP 5), 665, 666, 2294 (CRP 4).

- From data:
 - $\text{RMS} < 1$ or $\text{RMS} > 40$:
 - 293,955,2705,2727,2657,1482,5471,4242,4243,6089,5797,11702

