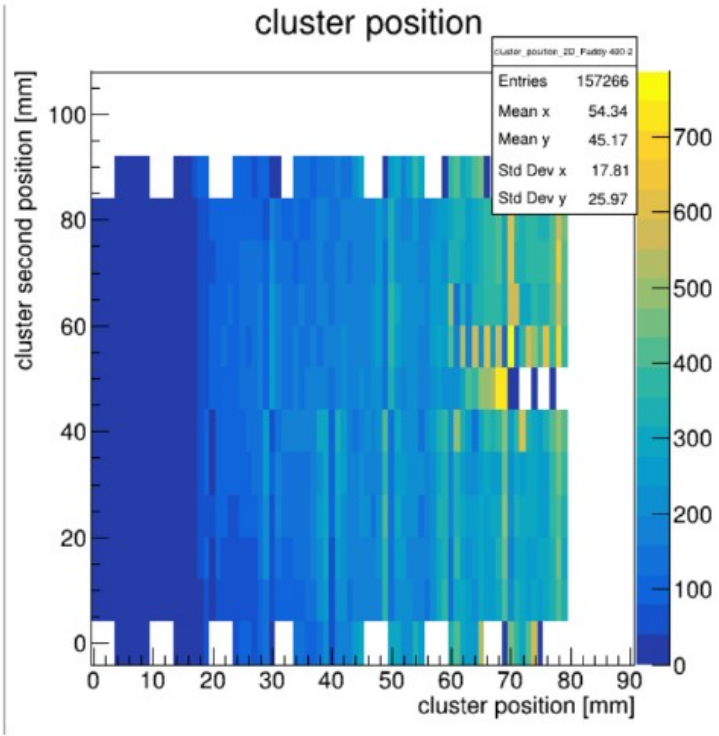
Paddy-400-2

Edges of Y-view

Run524 (just to remember the Paddy-400-2 pattern)



Checks:

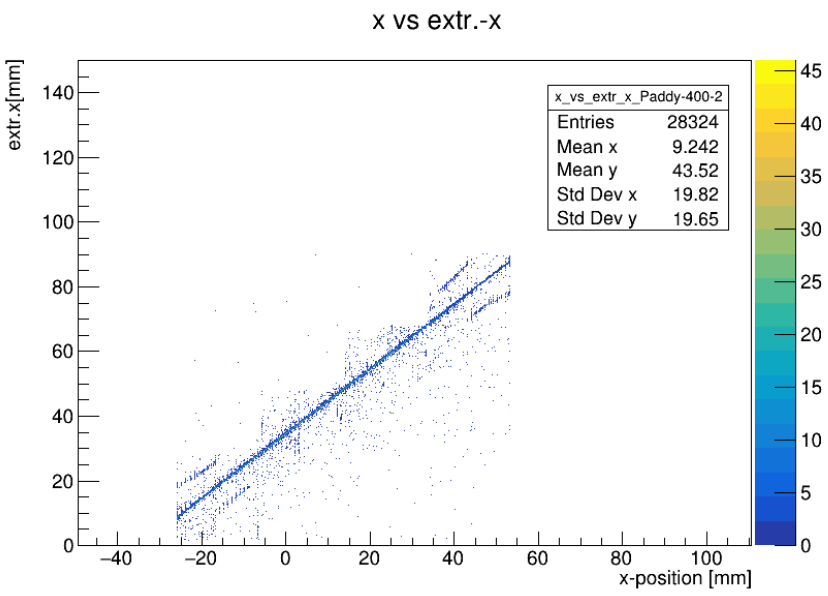
- Gerber files: Identical (to ask Givi's feedback)

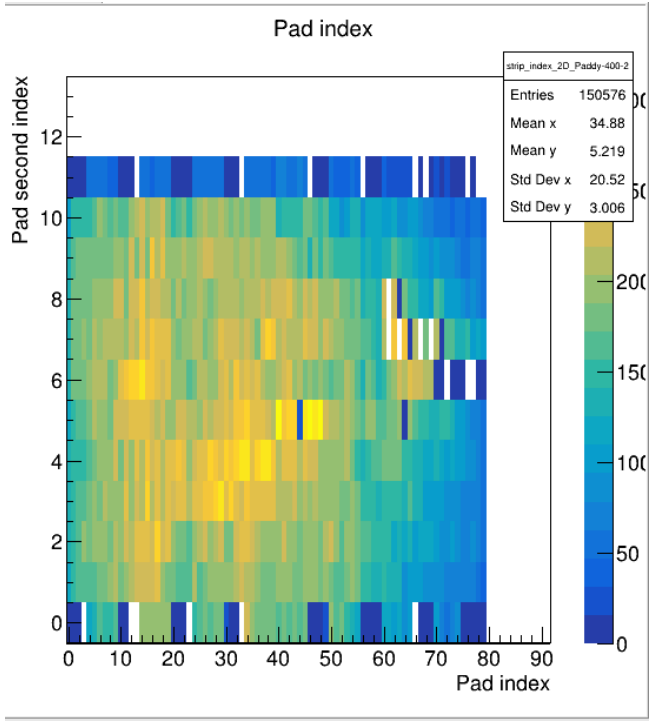
- Tried APV permutations, and different map (done) →using the Paddy-400-1 map/TBReader txt file, we are masking (-1 entries) connected pads (Next slide)

- Open the SRS Config 2024 (I did not see it)

- check connectors (search disconnected pins)

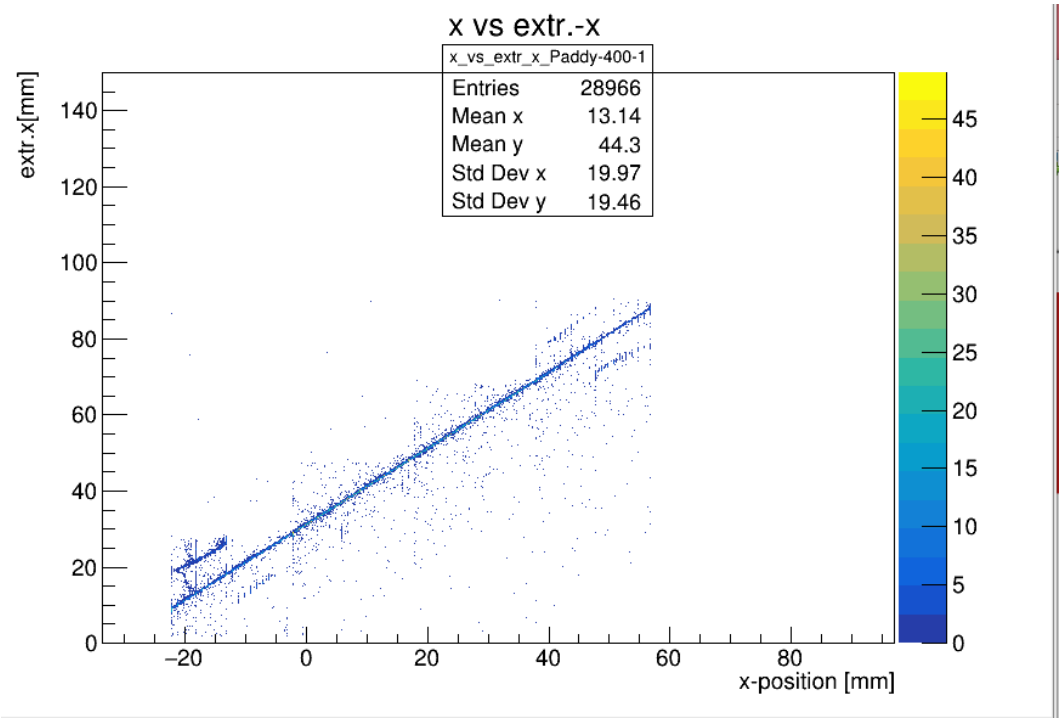
Scoperta di Simone: Paddy-400-2

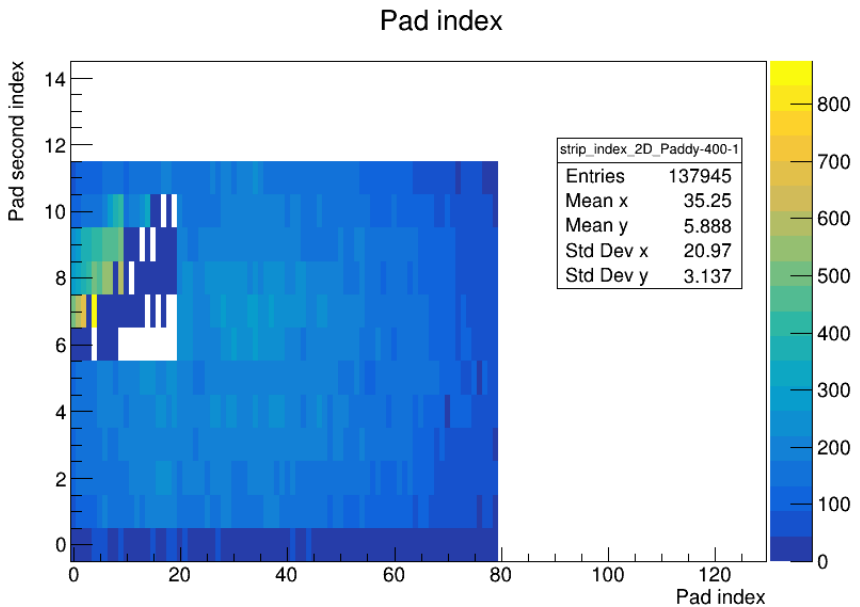




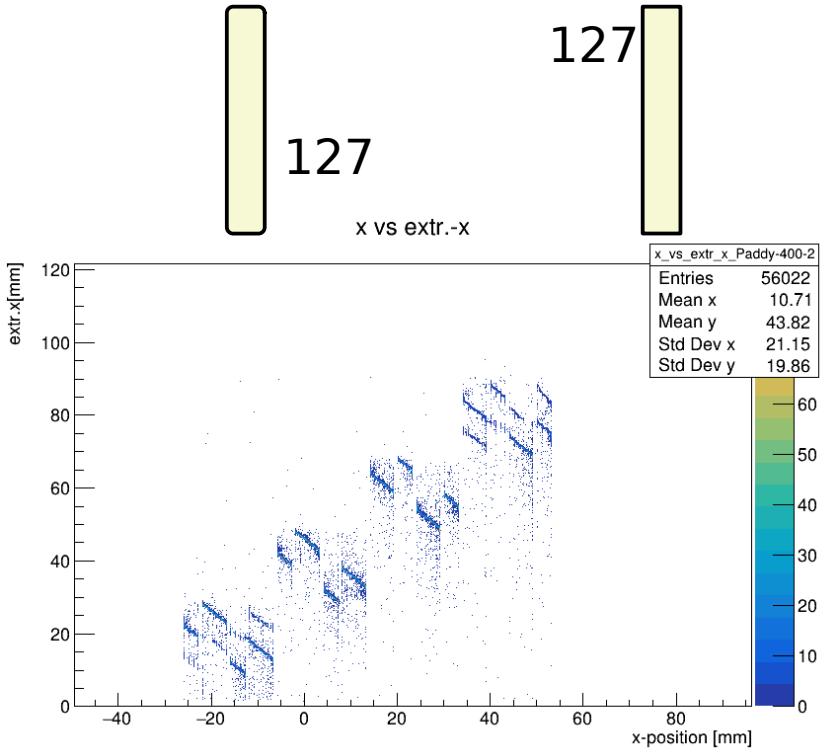
Tbreader txt file 1st col (apv_ch/srsChan)	400-1 pin id	400-2 pin id
0	0	120
1	1	121
2	2	122
3	3	123
4	4	124
5	5	125
6	6	126
7	7	127

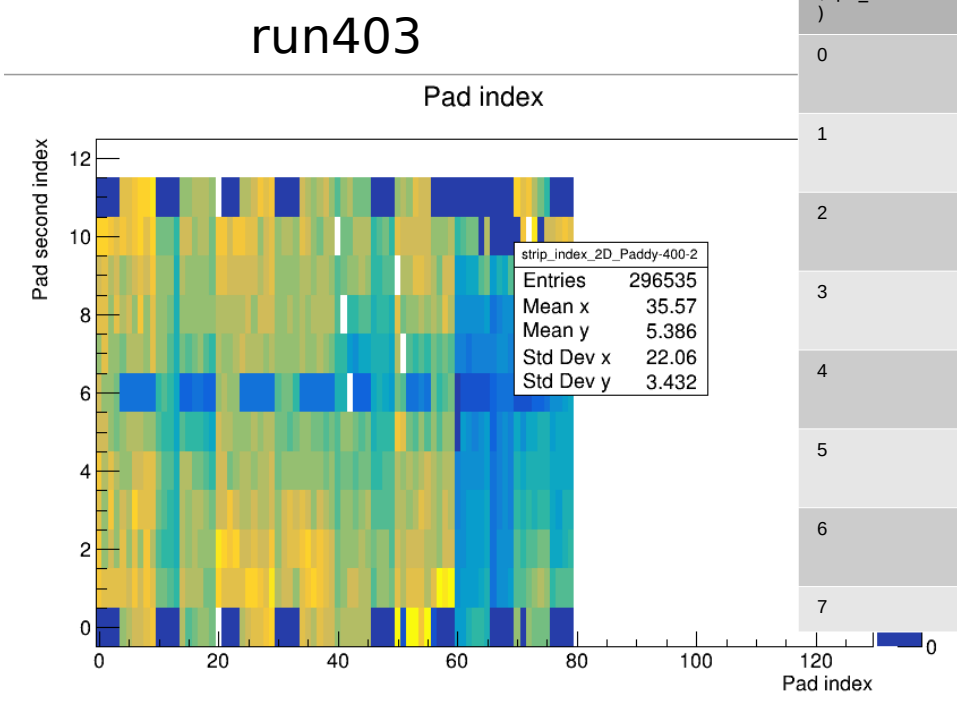
Vs Paddy-400-1





Inverted map in single APV (i.e. 180° rotation Panasonic connectors)

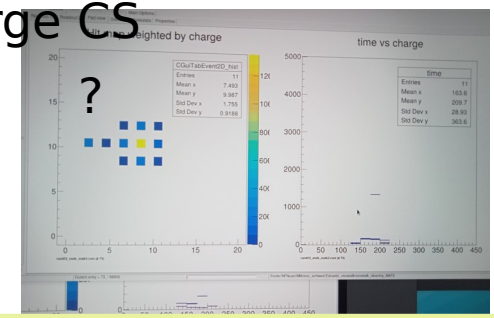




Tbreader txt file 1st col (apv_ch/srsChan)	400-1 pin id	400-2 pin id
0	0	127
1	1	126
2	2	125
3	3	124
4	4	123
5	5	122
6	6	121
7	7	120

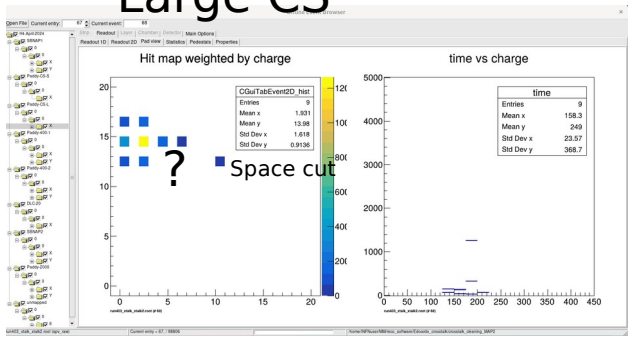
Cluster topology (space and time) → Start TIMING in Paddy-CS

Large CS

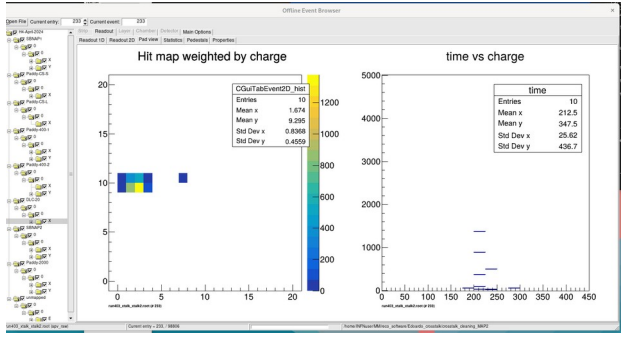


Good Cluster min{Ti}< T max{Qi} <max{Ti}

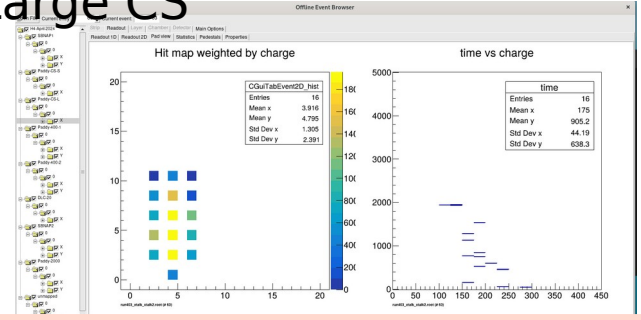
Large CS



DLC-20 (gap 7 mm, 0°)

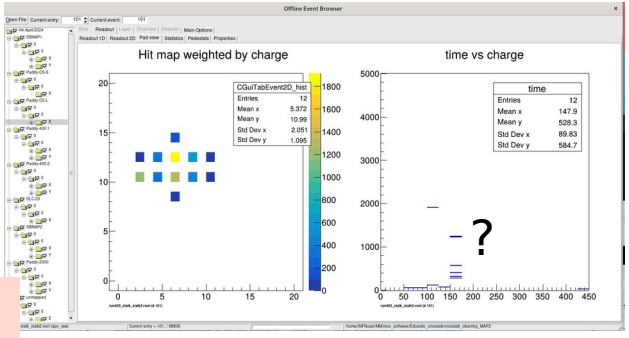


Large CS



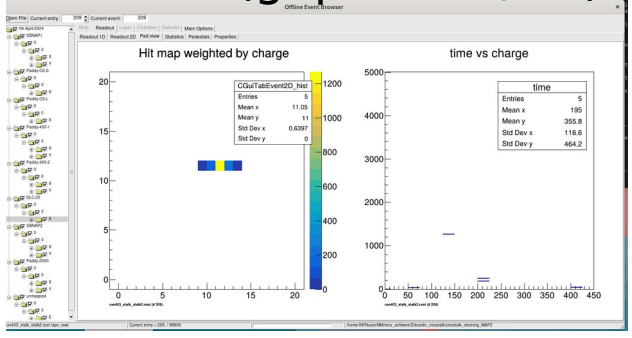
saturated event: how should characterise?
Bad cluster? T max{Qi} = min{Ti}
Cut the T tails?

Large CS



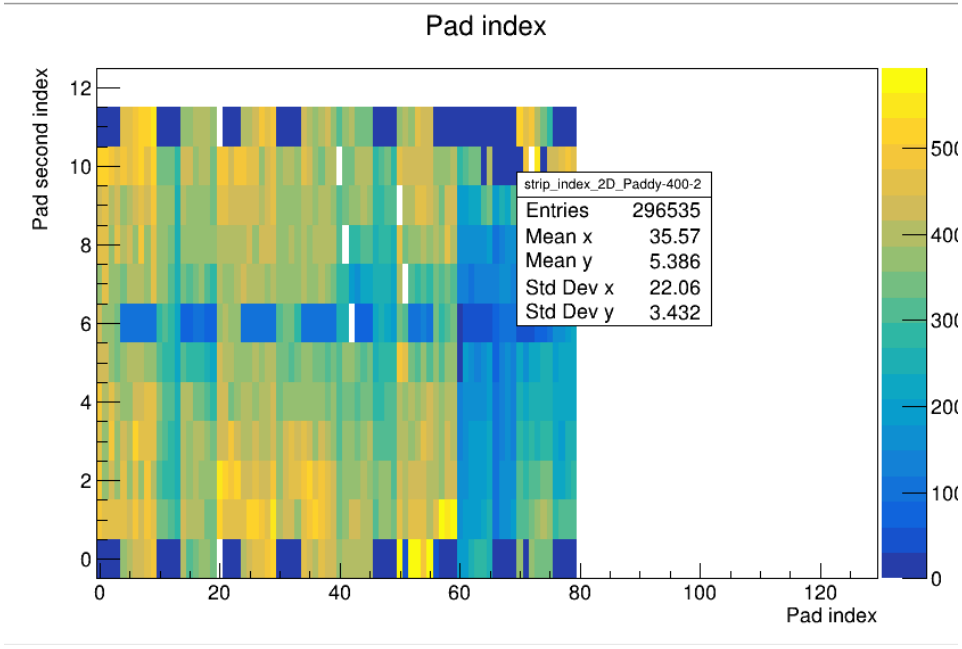
Saturated events: T max{Qi} = max{Ti}

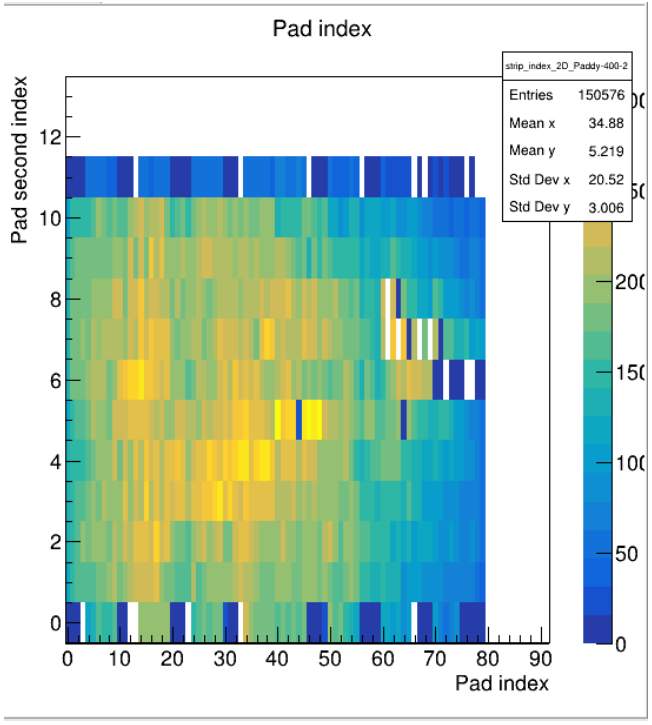
DLC-20 (gap 7 mm, 0°)



Different cut approach for Paddy-CS? No min Q, Time and space cuts (?)

back-up


Pad index
Pad second index
Pad index
strip_index_2D_Paddy-400-2
Entries 296535
Mean x 35.57
Mean y 5.386
Std Dev x 22.06
Std Dev y 3.432


Pad index
Pad second index
Pad index
strip_index_2D_Paddy-400-2
Entries 150576
Mean x 34.88
Mean y 5.219
Std Dev x 20.52
Std Dev y 3.006