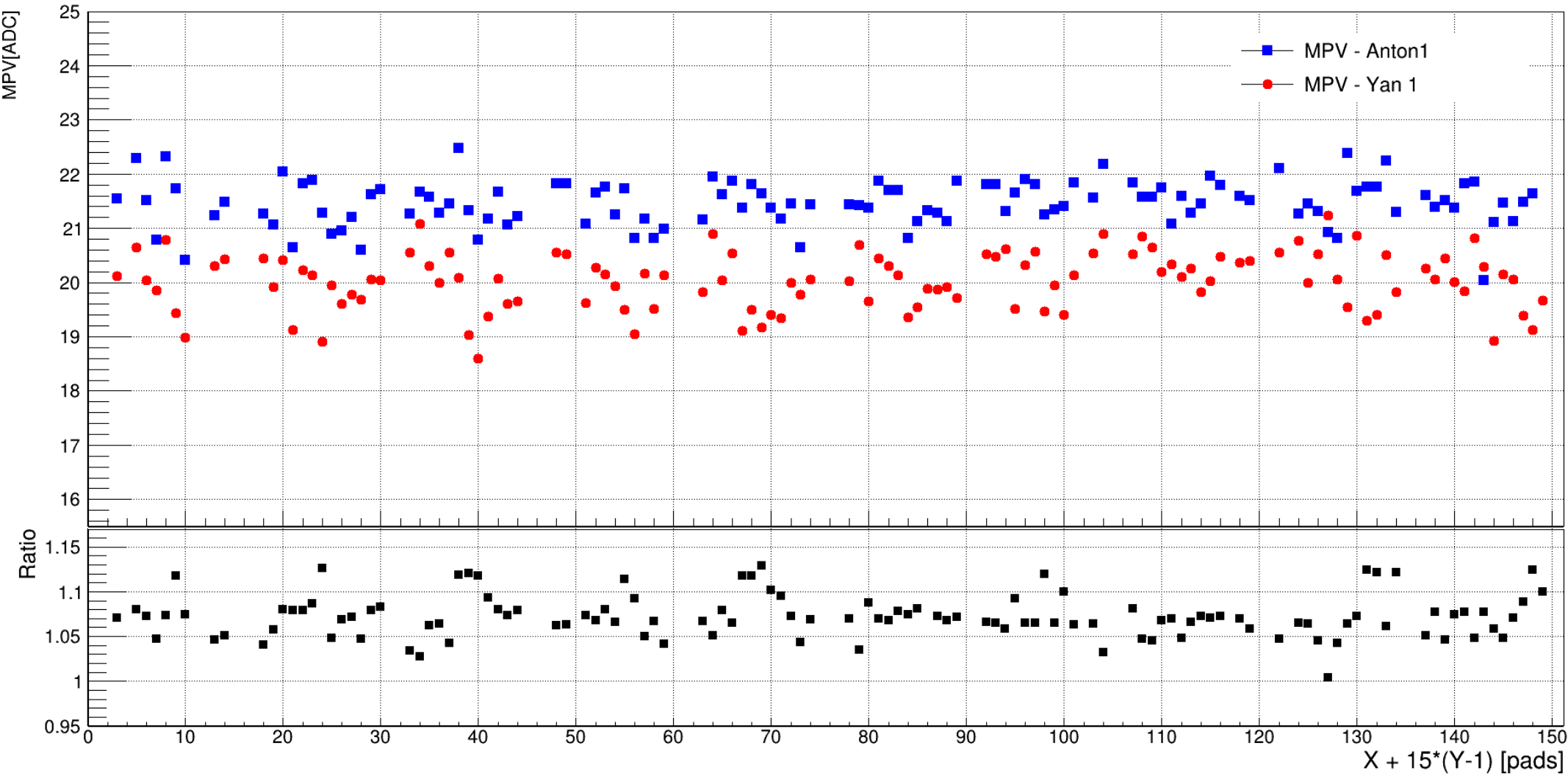


TB22 data analysis
MPV distribution for Si and GaAs sensors

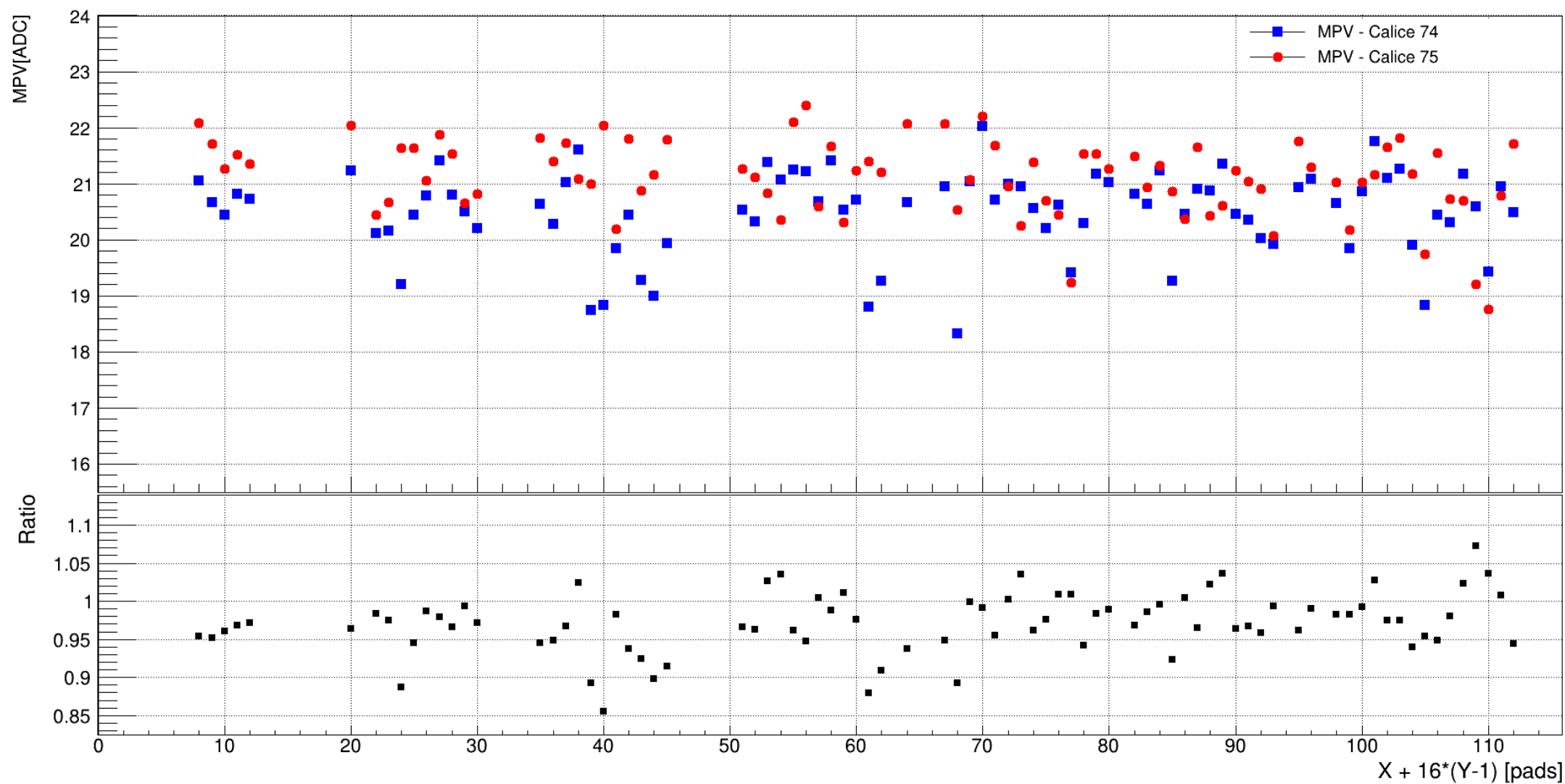
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Institute of Space Science, Bucharest

MPV of signal distribution for Anton1 and Yan1 GaAs sensors at 5 GeV electron beam

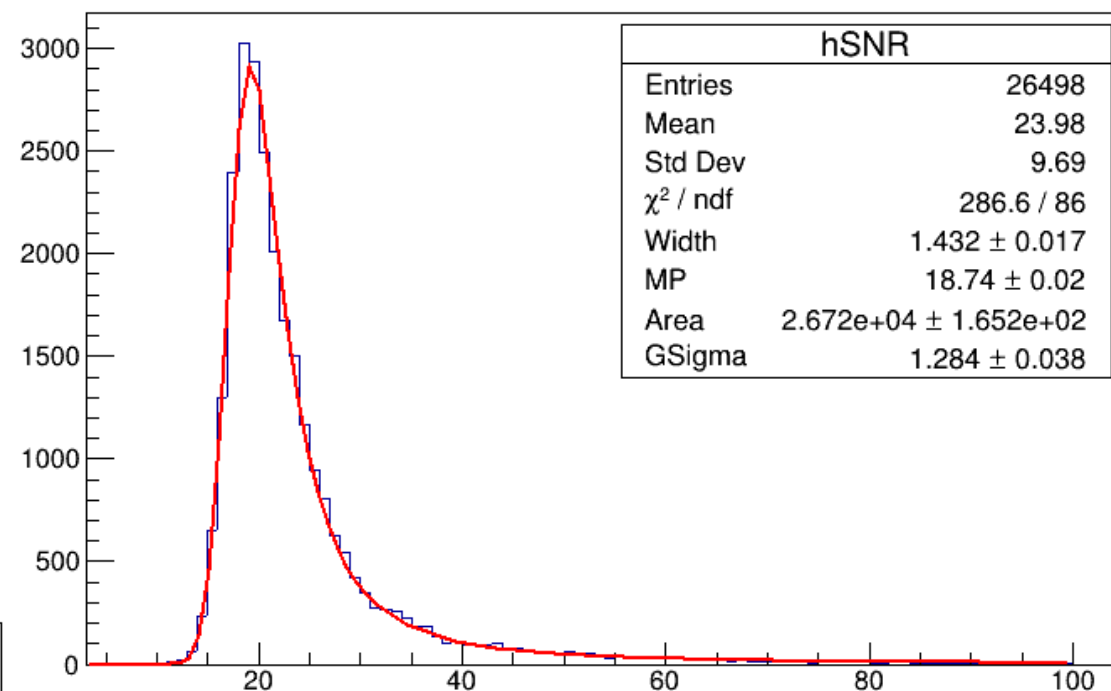


MPV of signal distribution for C74 and C75 Si sensors at 5 GeV electron beam

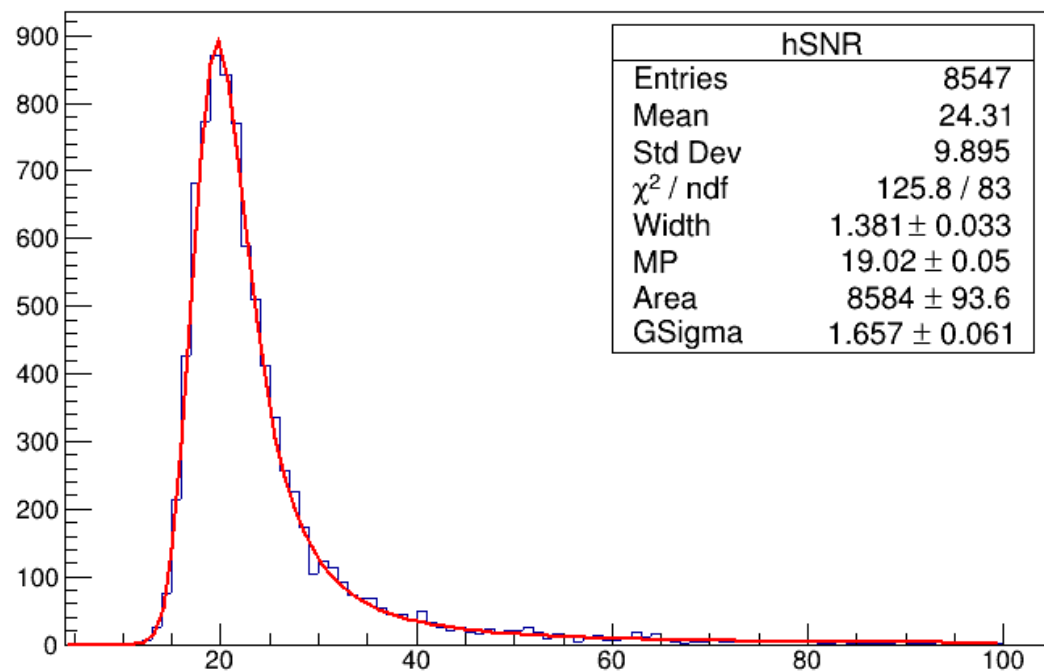


Y	X	ch	Pads	MPV [ADC]
3	7	47	39	18.75
3	8	57	40	18.84
3	12	95	44	19.00
4	13	109	61	18.8
5	1	6	65	18.49
5	2	14	66	18.44
5	4	34	68	18.83
7	9	64	105	18.84

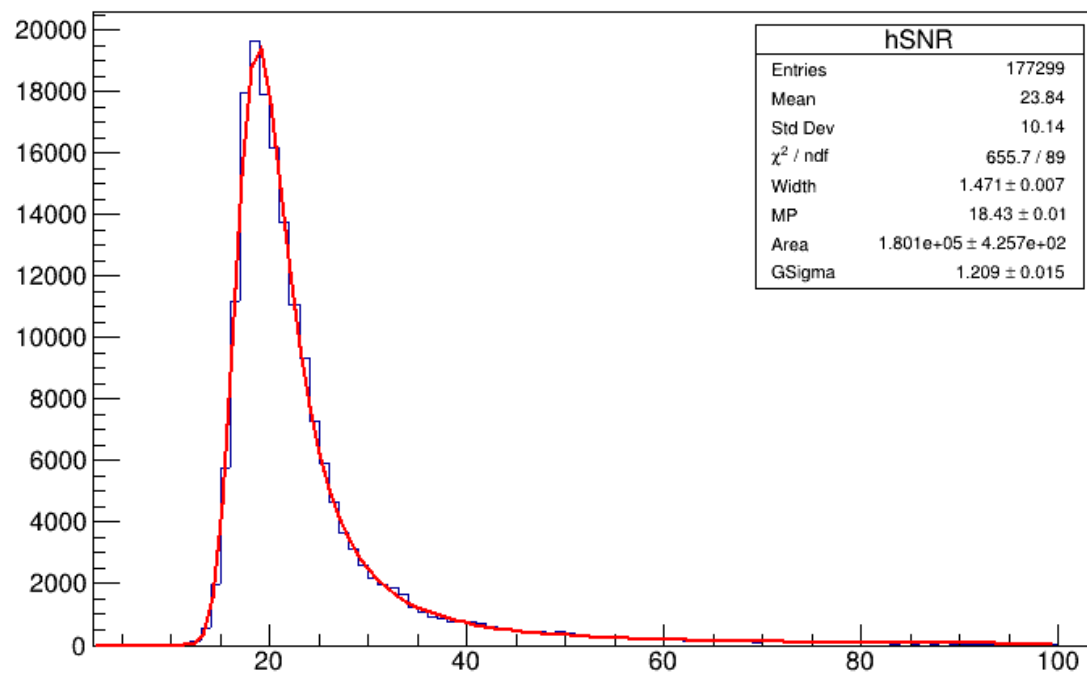
Amplitude ch47 -sensor C74-scan map_run4544



Amplitude ch95 -sensor C74-scan map_run4549



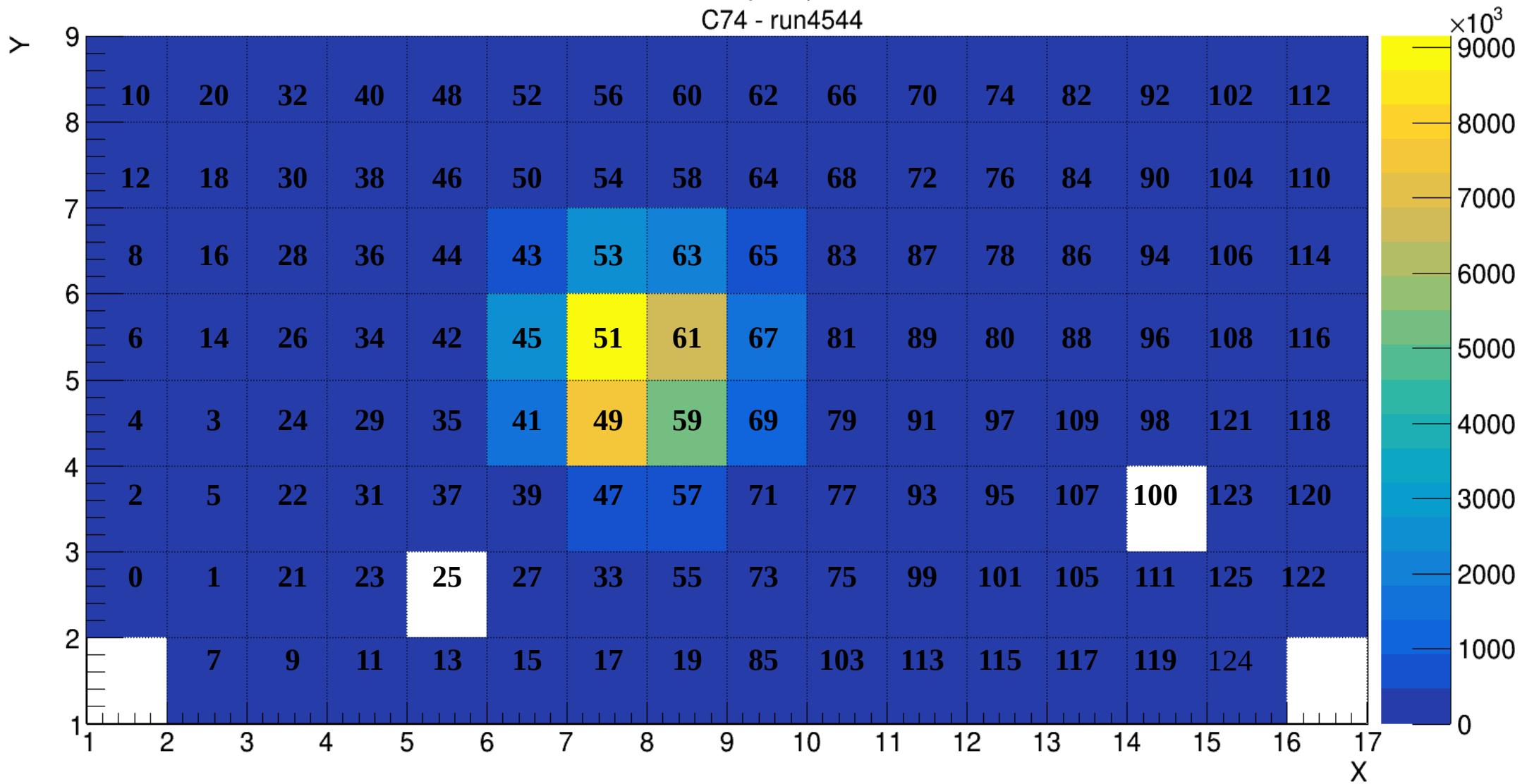
Amplitude ch14 -sensor C74-scan map_run4538



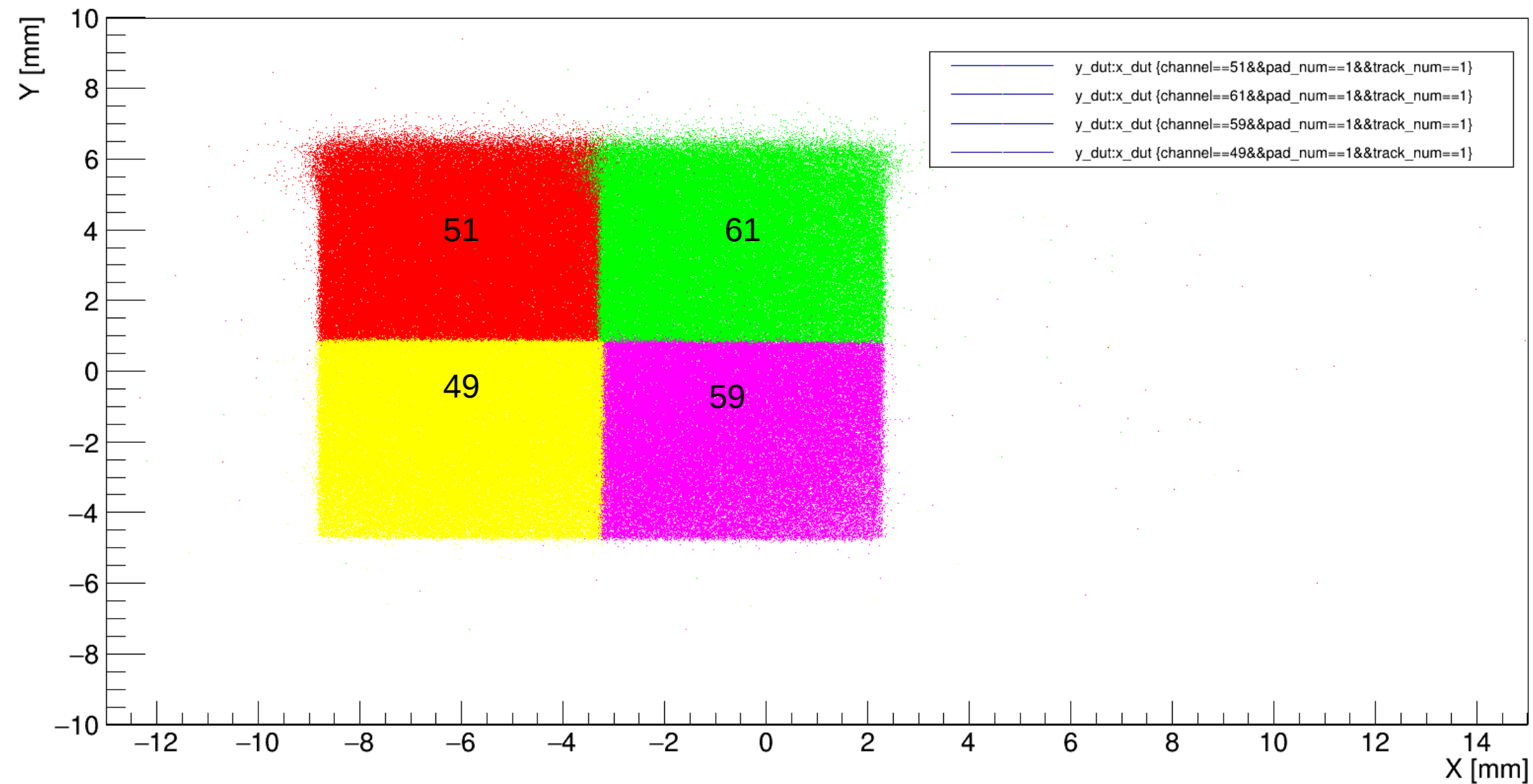
Conclusions:

- For silicon sensors:
 - Ratio between C74 signal and C75 signal on each channel is less than 15%;
 - Signal from C75 sensor is bigger than signal from C74 sensor;
- For GaAs sensors:
 - Anton1 signal is bigger than Yan1 signal on each channel;
 - The ration between them is about $5 \div 15$ percents.

C74 - run4544



Edge effect on C74 sensor – run4544:



Signal scan: channels 49 and 59 using 100 μm slices

$-5.0 < X < -2.0$

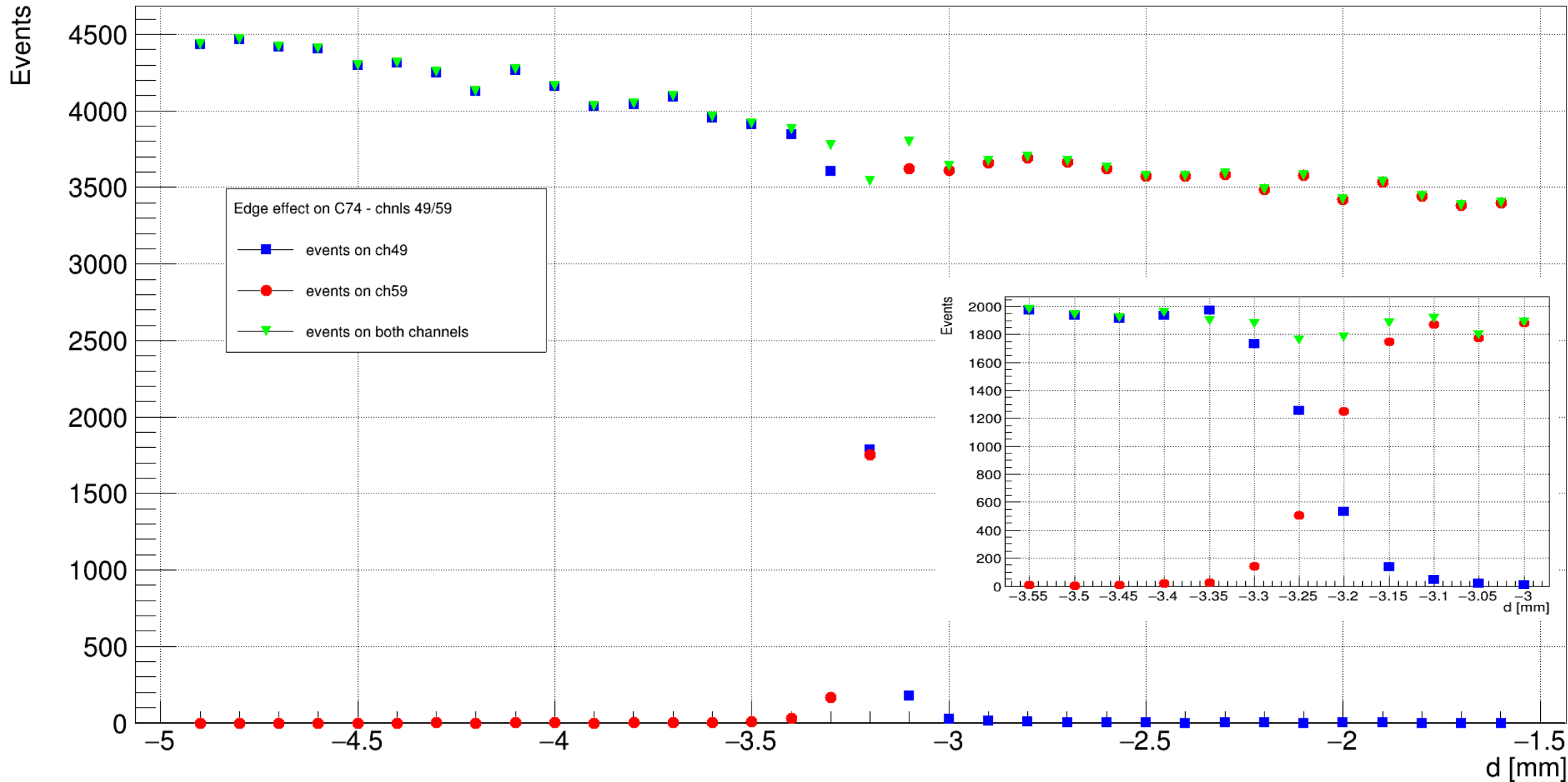
$-4.6 < Y < 0.8$

Edge effect on C74 sensor – run4544:

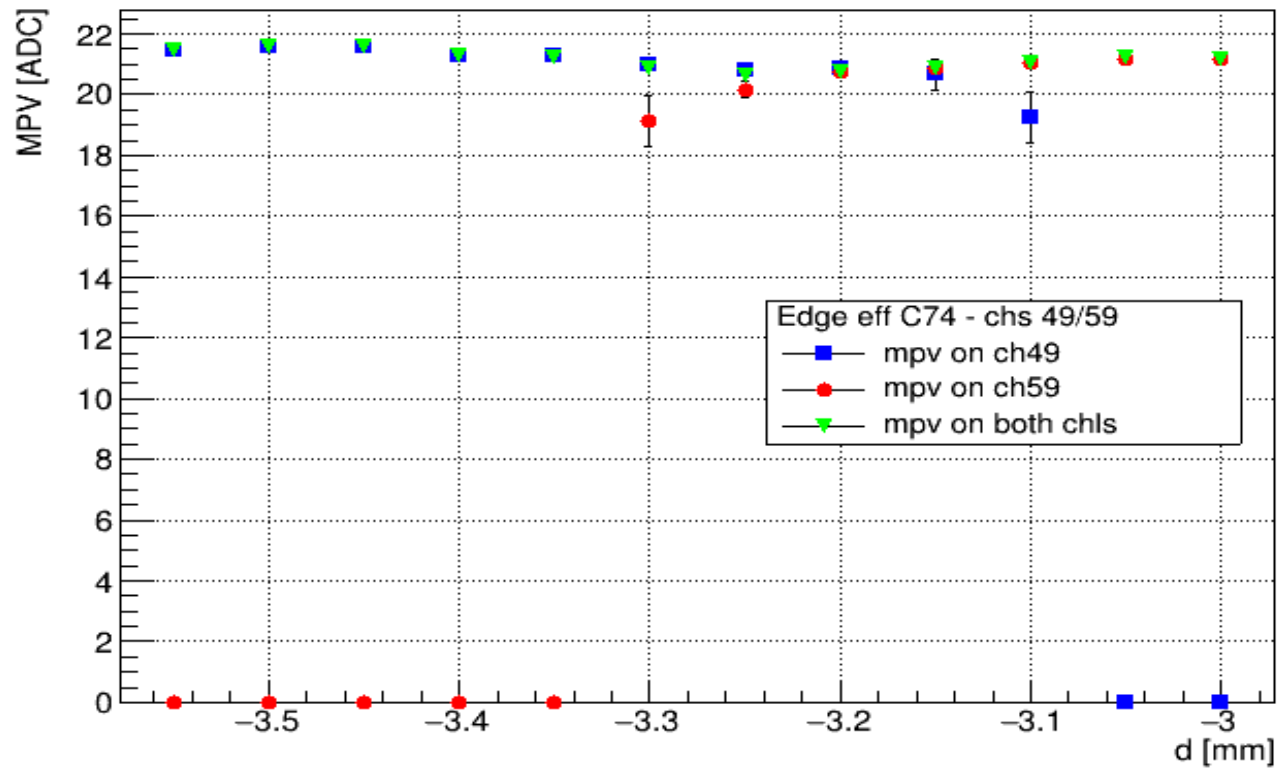
Signal scan: channels 49 and 59 using 100 μm slices

$-5.0 < X < -2.0$

$-4.6 < Y < 0.8$



Edge effect on C74 sensor – run4544:



Signal scan: in chs 49 and 59
using 50 μm /slice

