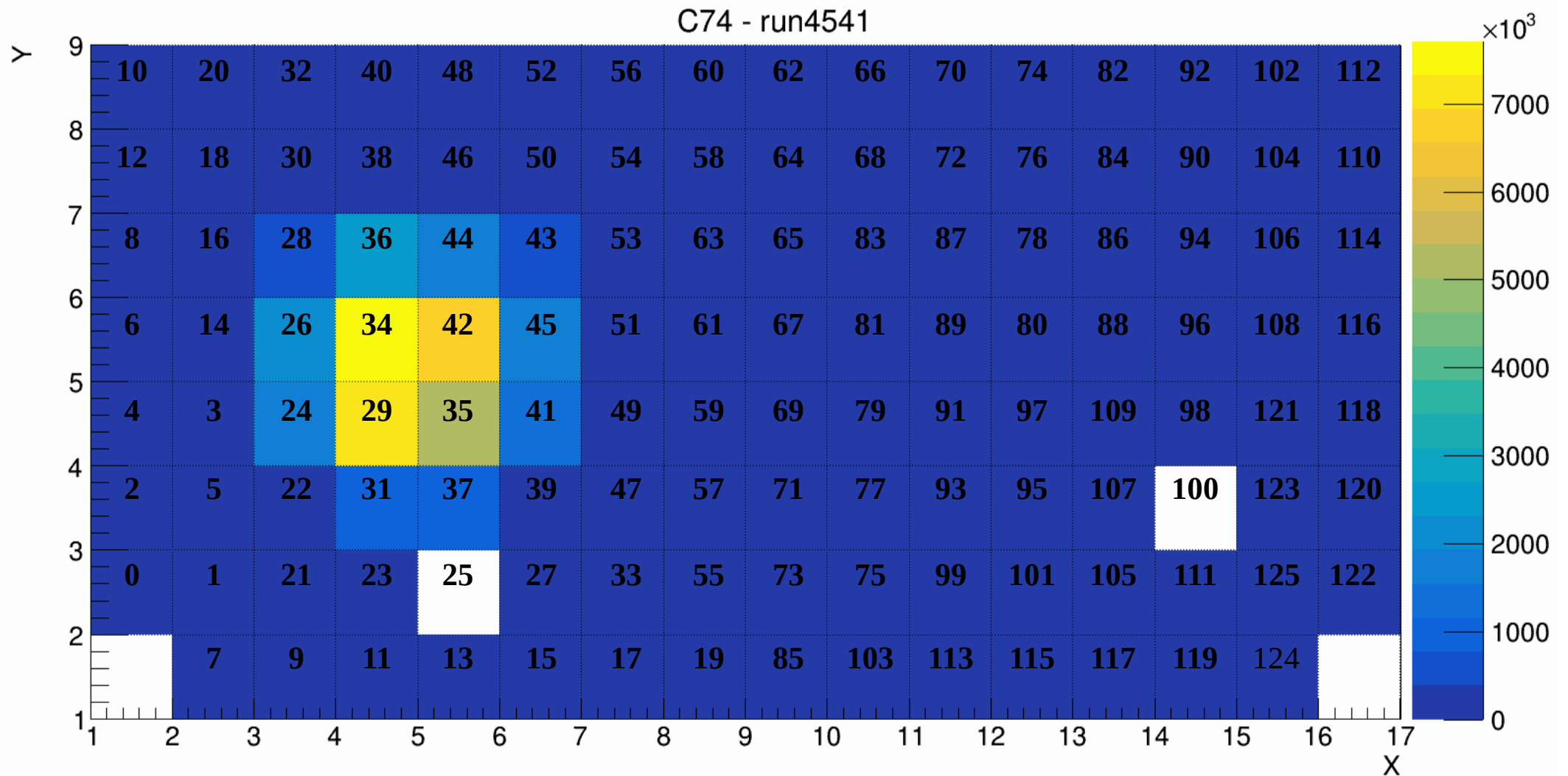


TB22 data analysis “Calice 74” sensor

Veta Ghenescu, Alina Neagu, Mihai Potlog

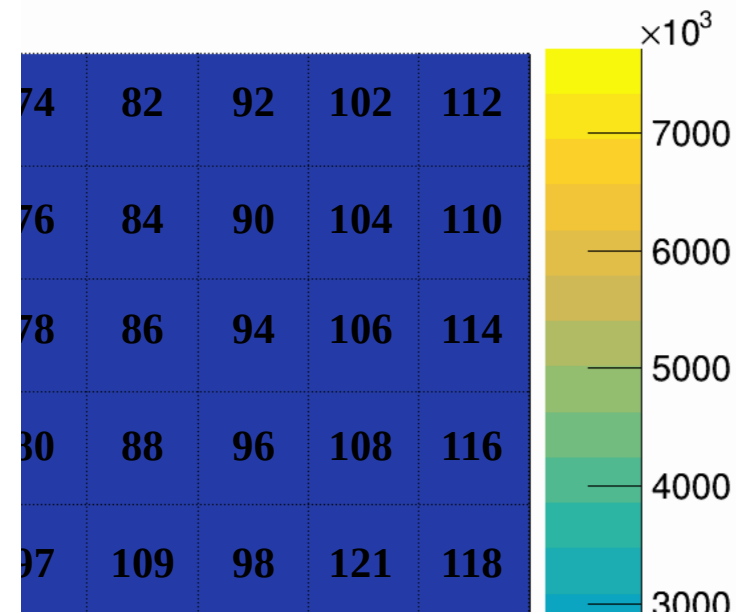
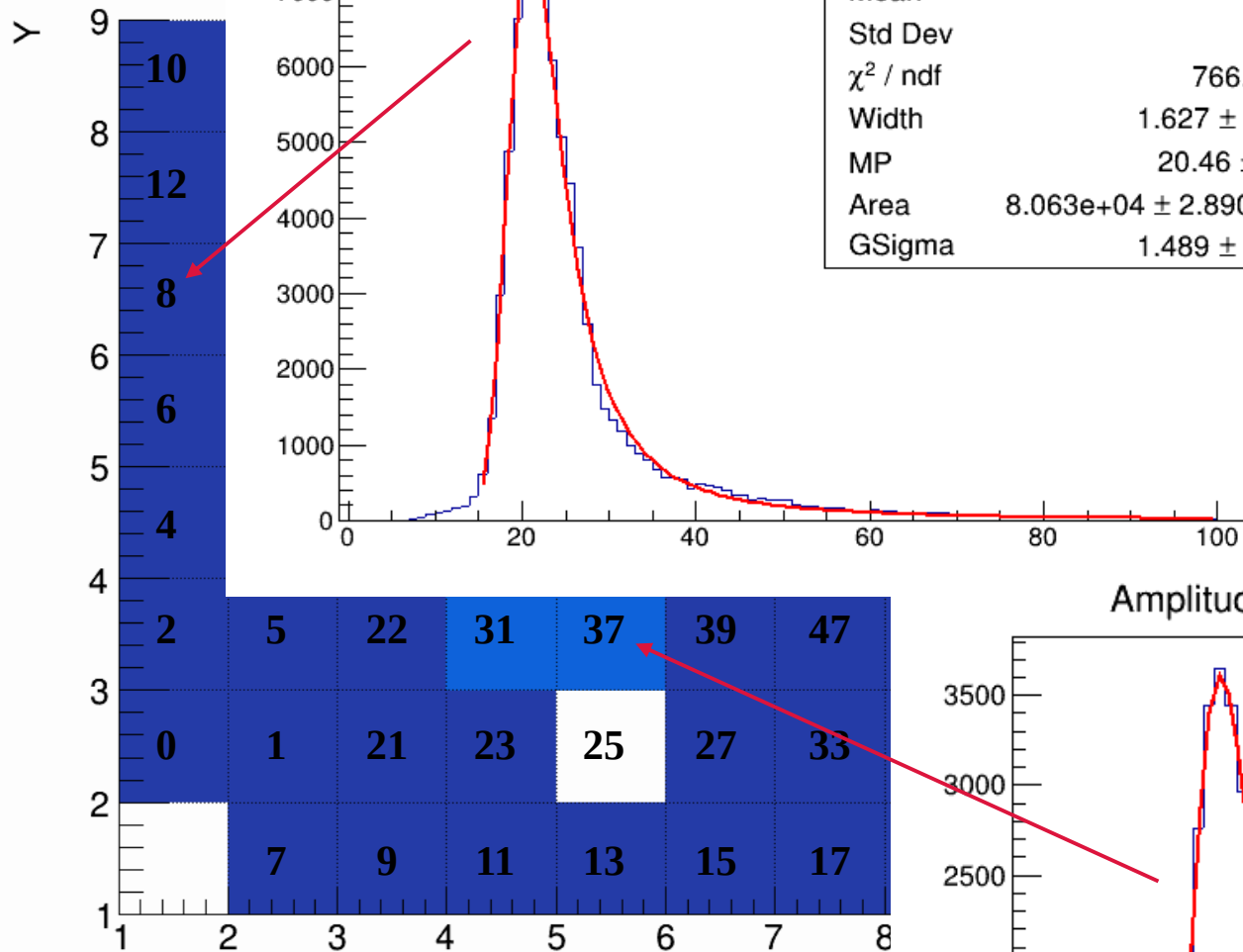
Institute of Space Science, Bucharest

C74 – Si – scan map - 14 runs, w/o tungsten layers, beam energy – 5 GeV

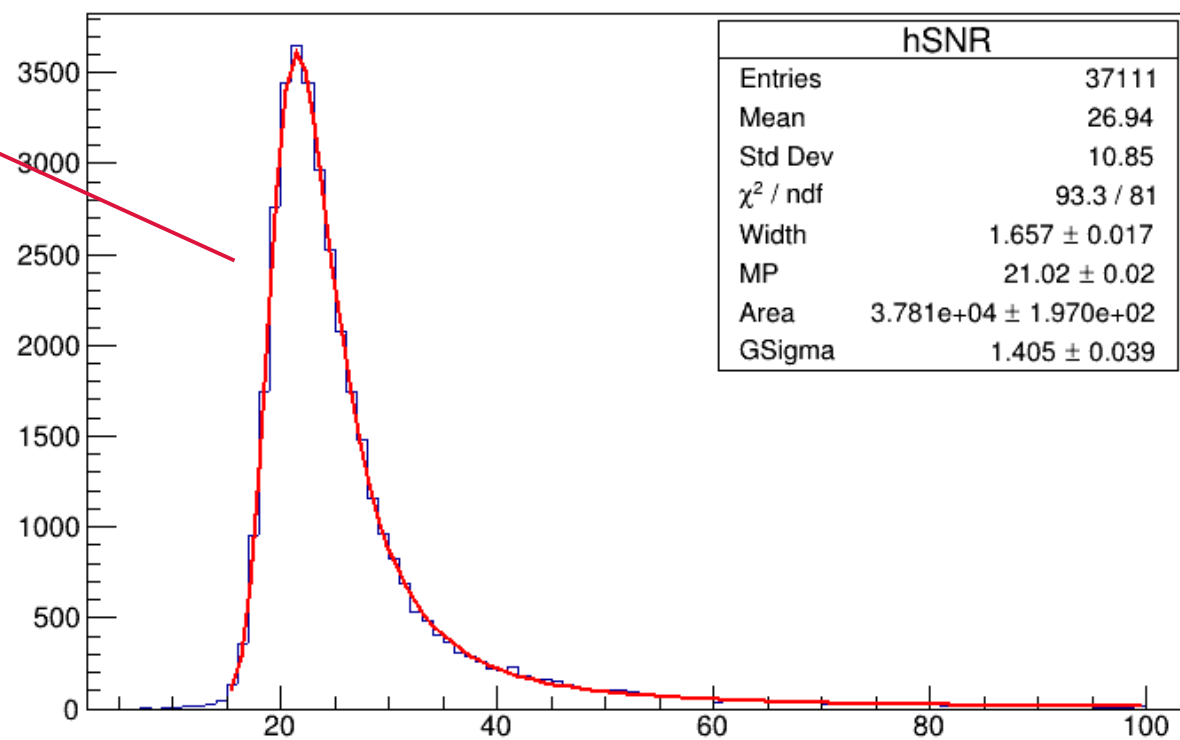


- Not connected channels: bottom side left and right corners – (y:x): (1,1) and (1,16);
- Dead or noisy channels: ch25 (2,5); ch125 (2,15) and ch120 (3,16).

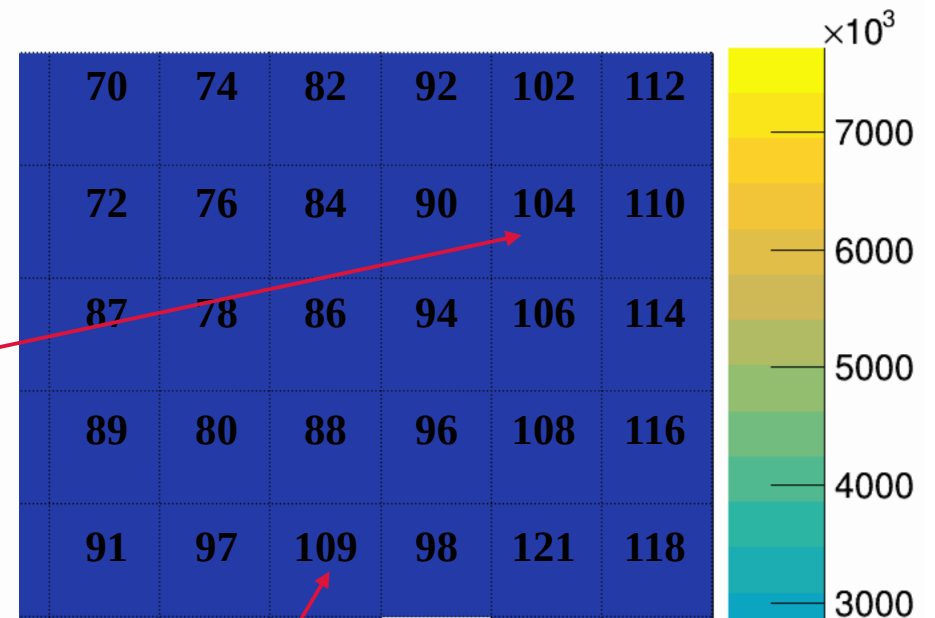
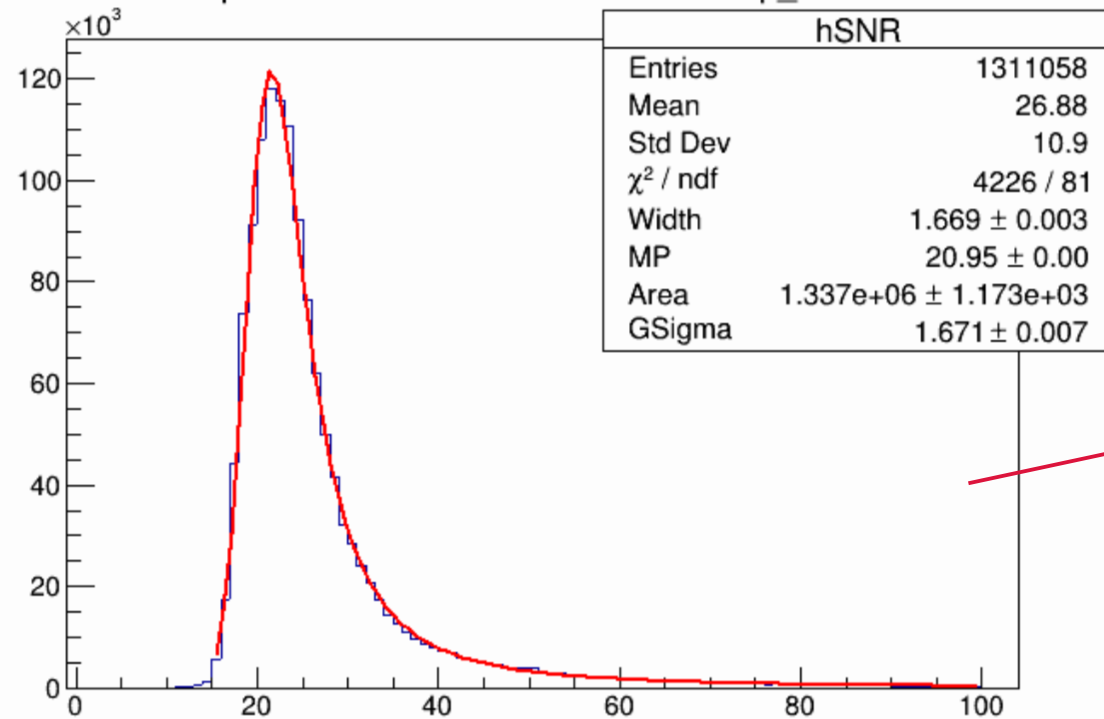
Amplitude ch8 -sensor C74-scan map_run4538



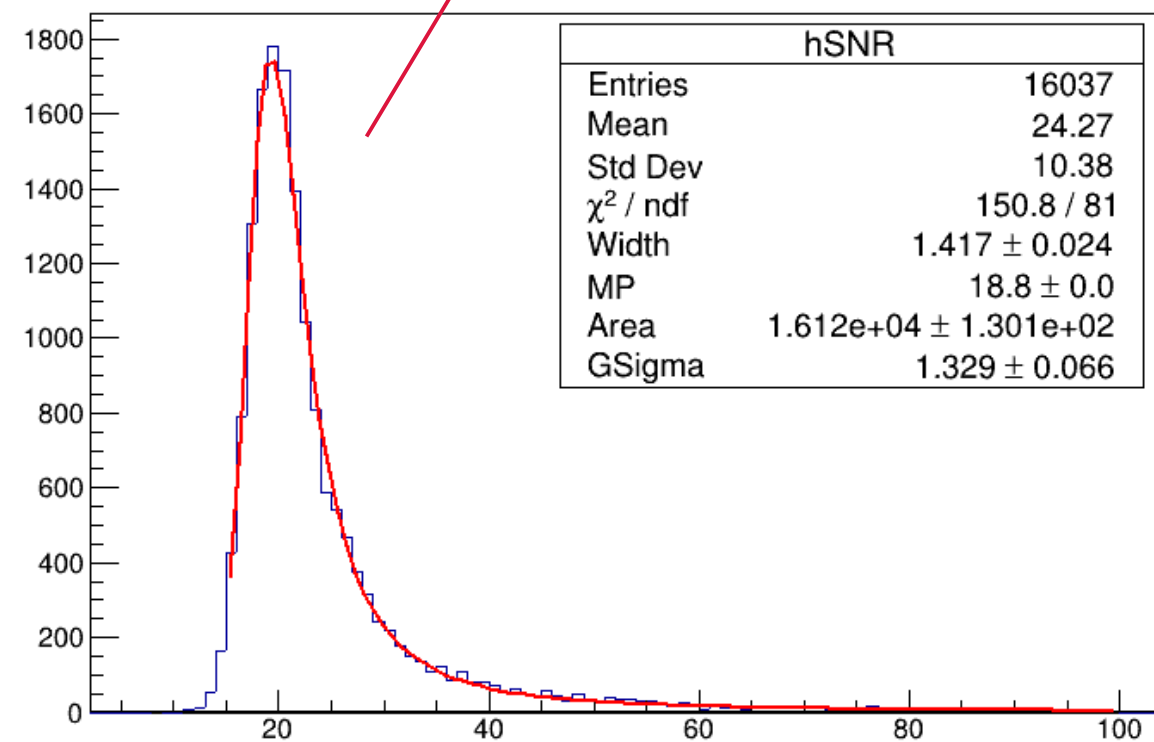
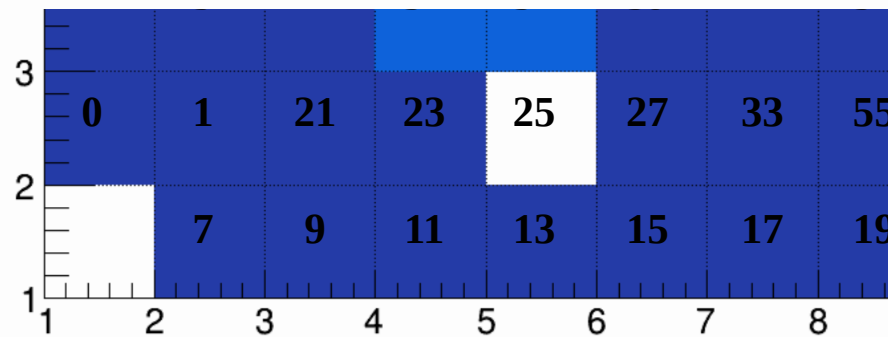
Amplitude ch37 -sensor C74-scan map_run4541



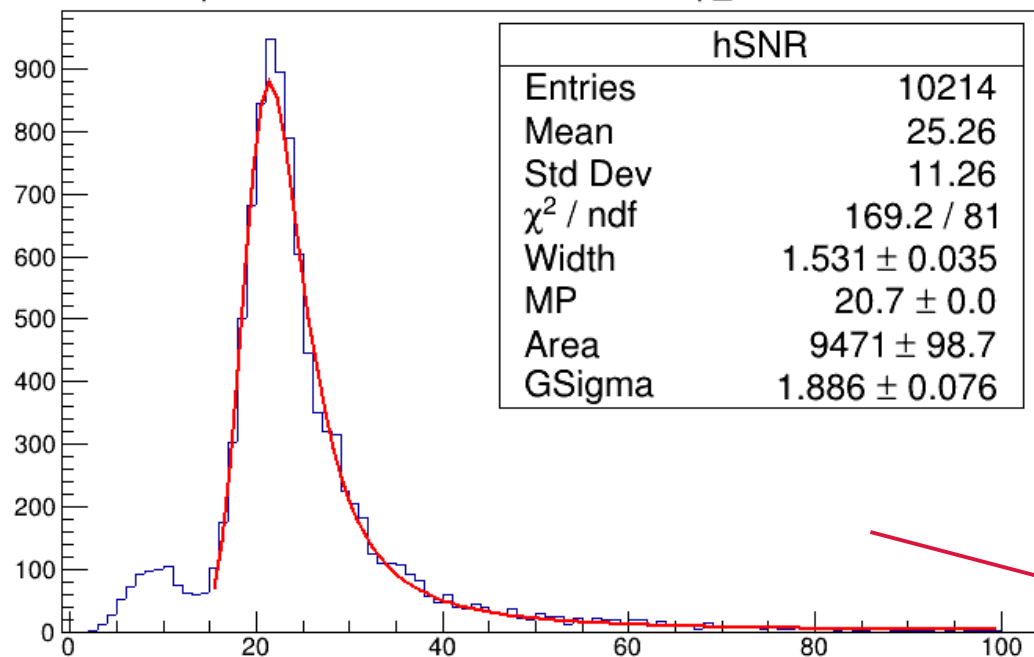
Amplitude ch104 -sensor C74-scan map_run4551



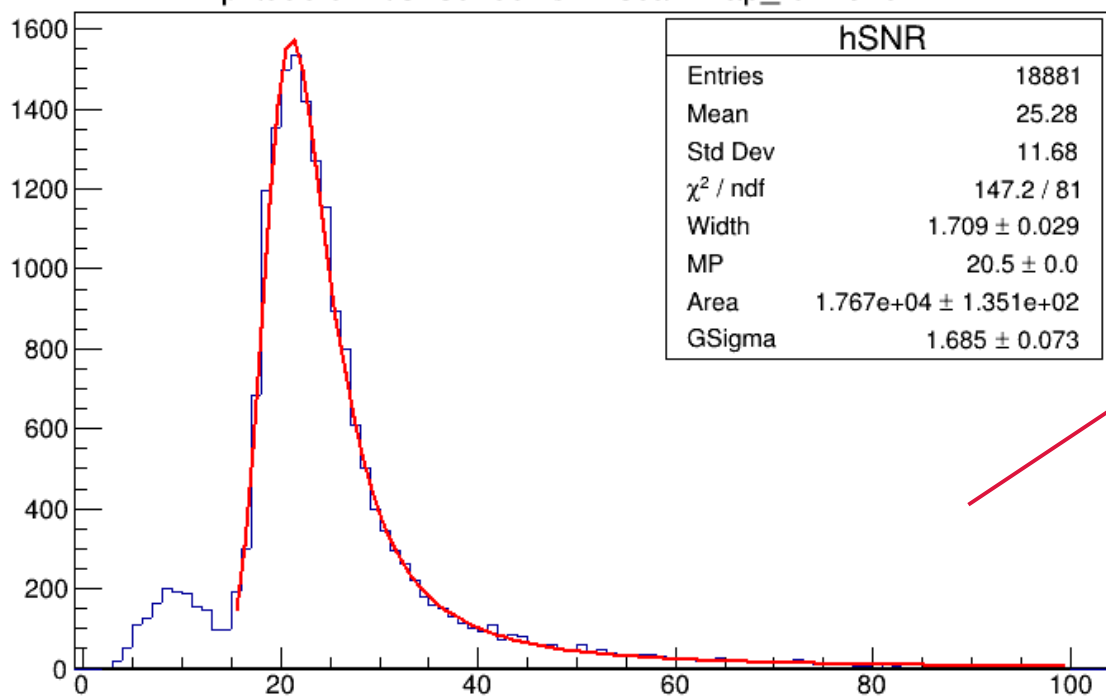
Amplitude ch109 -sensor C74-scan map_run4549



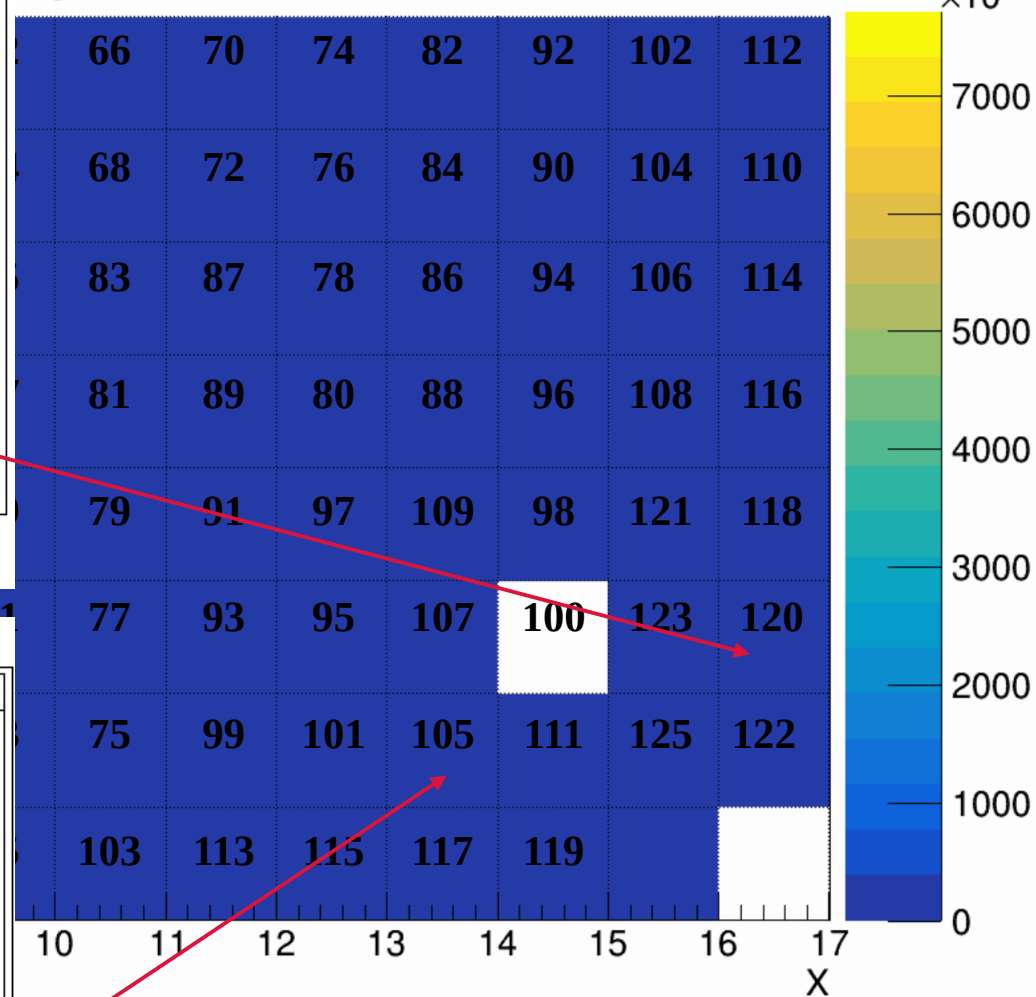
Amplitude ch120 -sensor C74-scan map_run4548



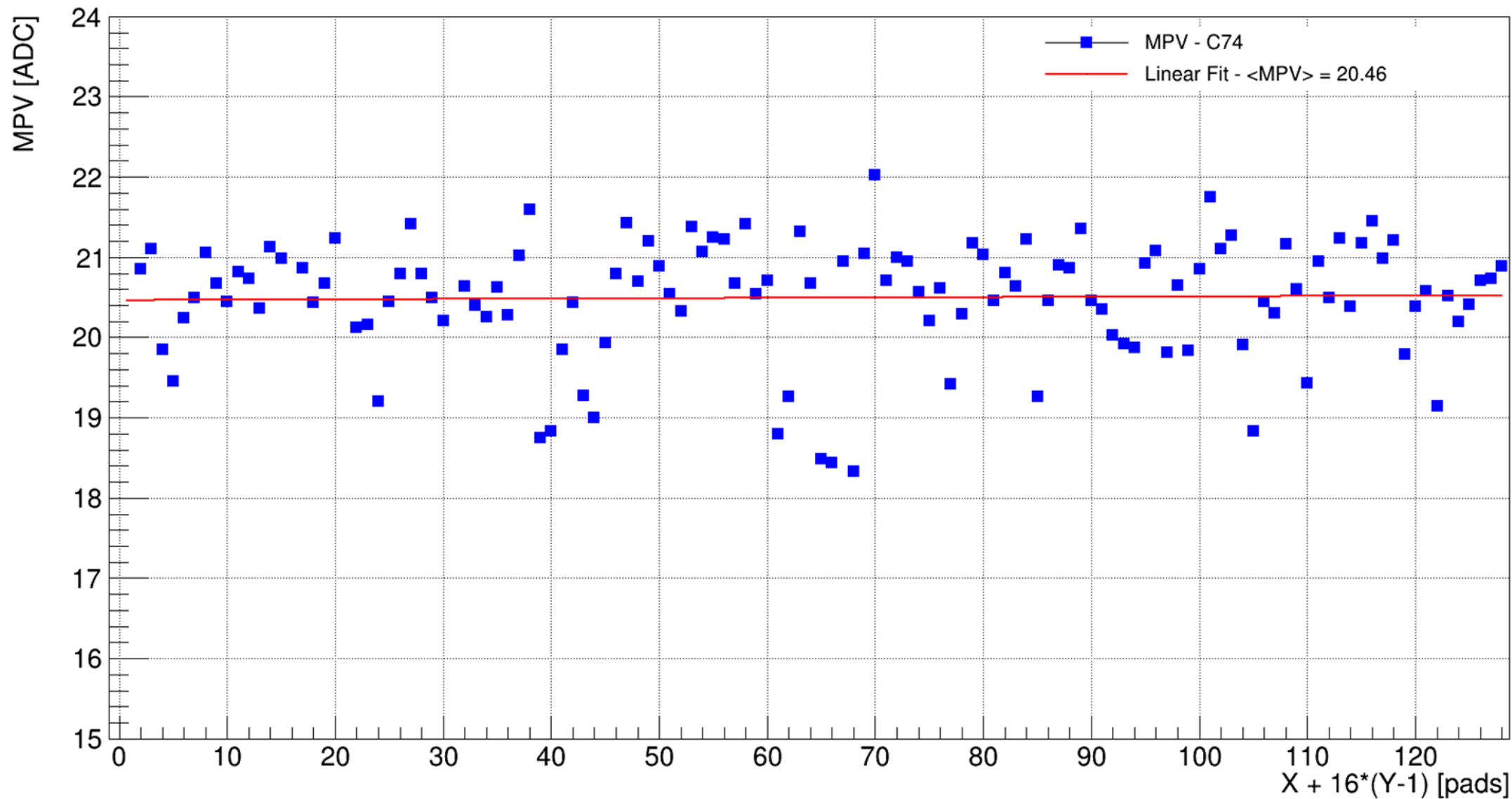
Amplitude ch105 -sensor C74-scan map_run4546

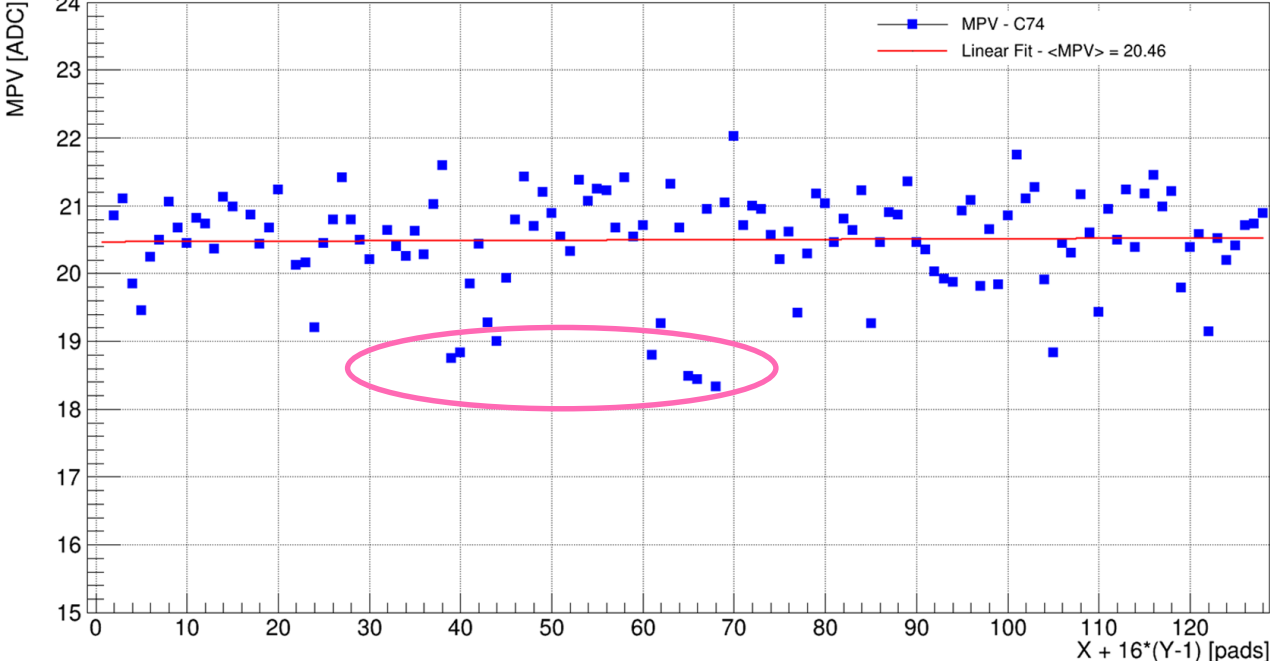


14541

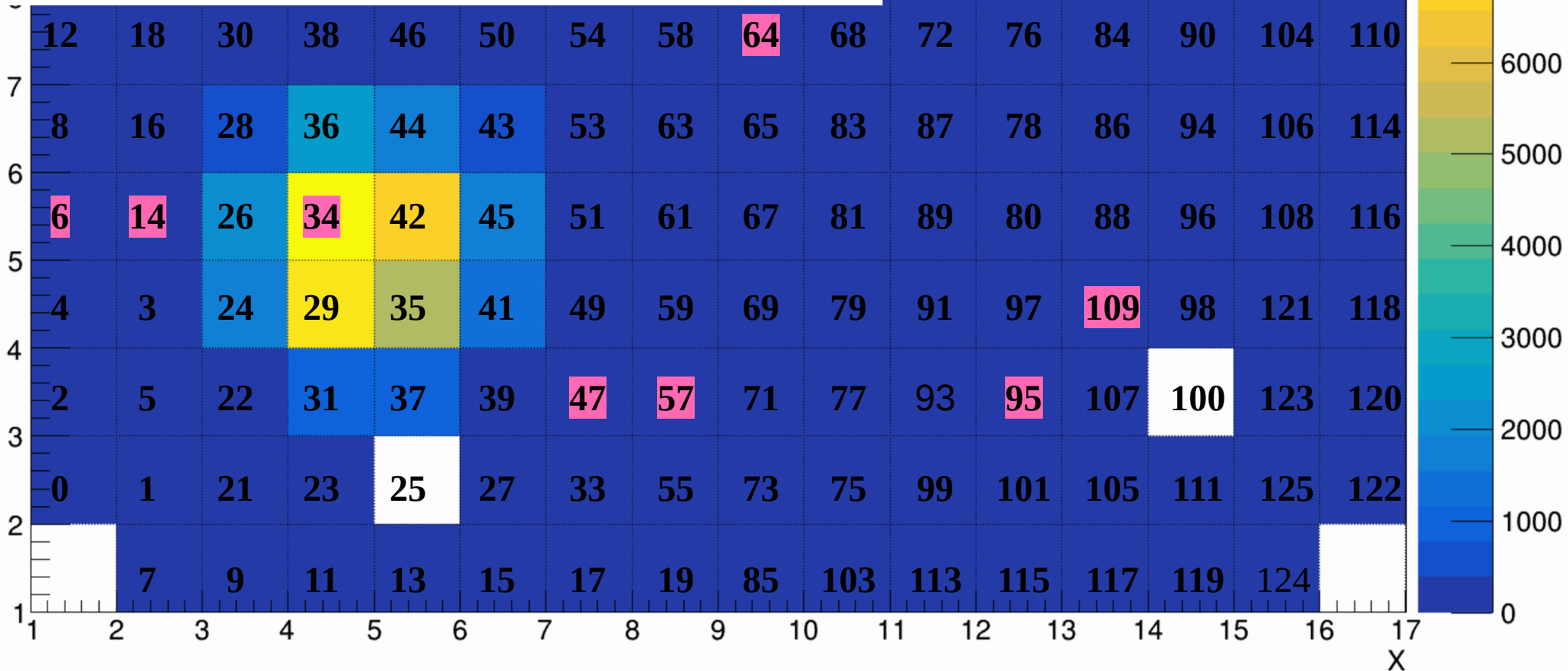


MPV of signal distribution for 124 channels from Si sensor – “C74”. All runs without W plate in front of the sensor, E = 5GeV.

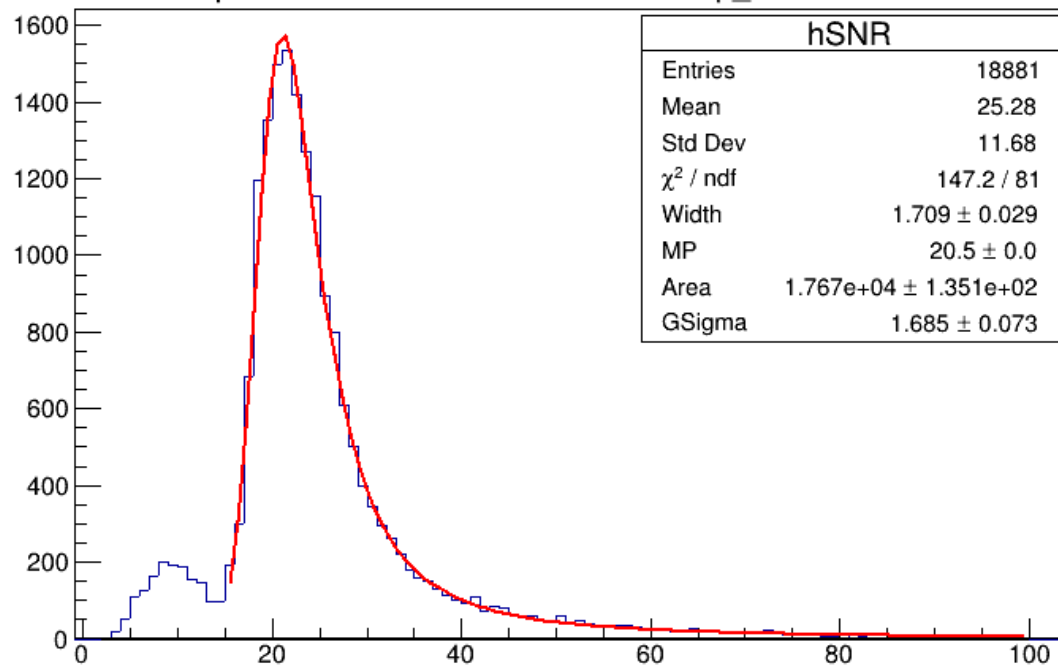




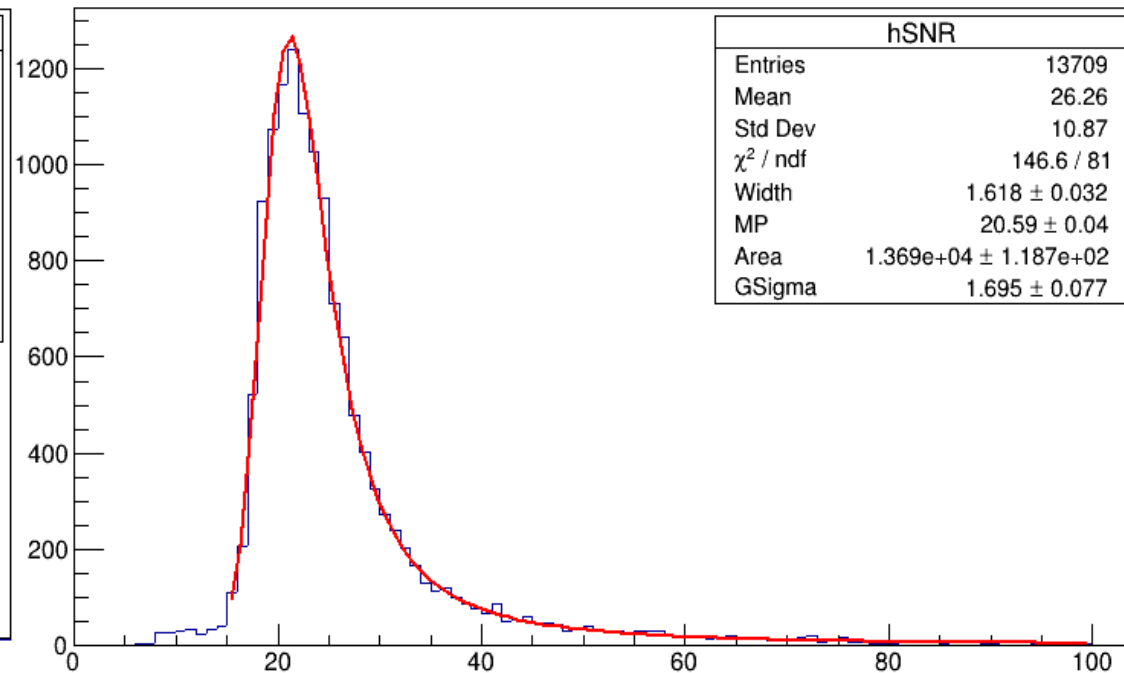
Y	X	ch.	Pads	MPV [ADC]
3	7	47	39	18.75
3	8	57	40	18.84
3	12	95	44	19.00
4	13	109	61	18.8
5	1	6	65	18.49
5	2	14	66	18.44
5	4	34	68	18.83
7	9	64	105	18.84



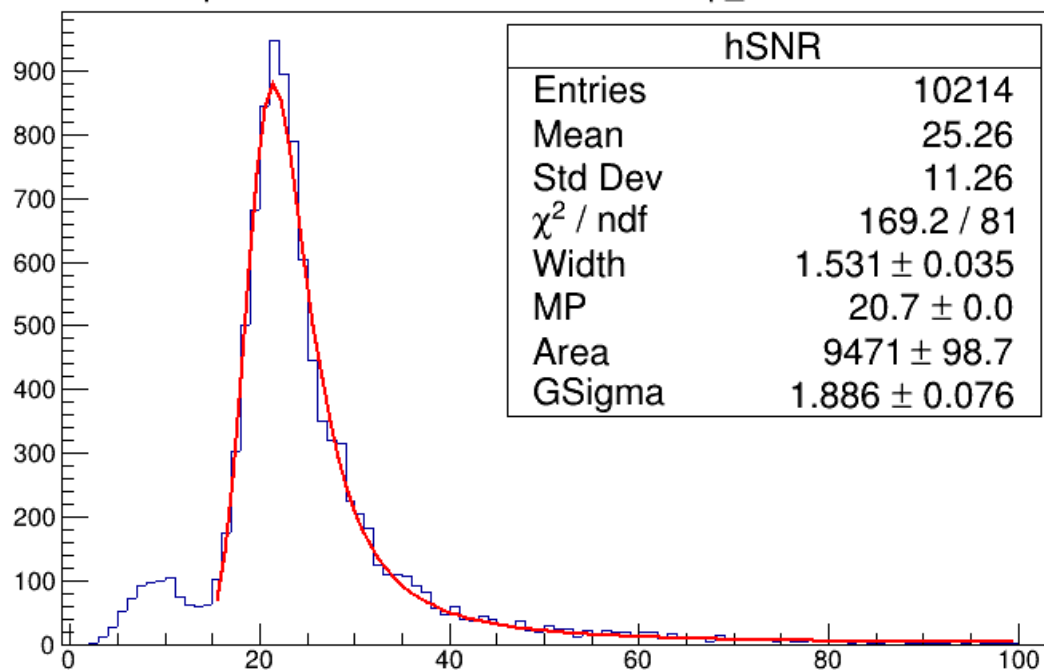
Amplitude ch105 -sensor C74-scan map_run4546



Amplitude ch105 - sensor C74 run4546_cuts on x/y dut



Amplitude ch120 -sensor C74-scan map_run4548



Amplitude ch120 - sensor C74 run4548_cuts on x/y dut

