

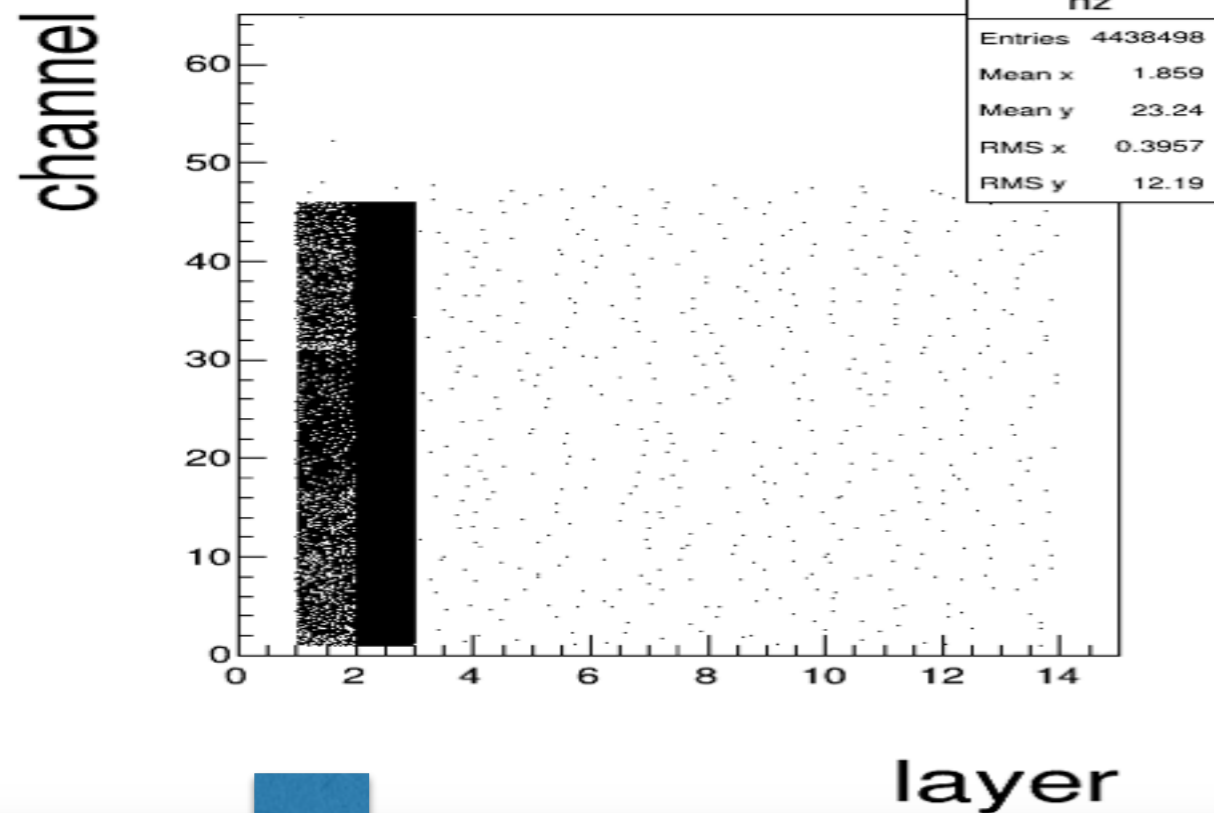
KLM-CRT Meeting

cosmic data analysis

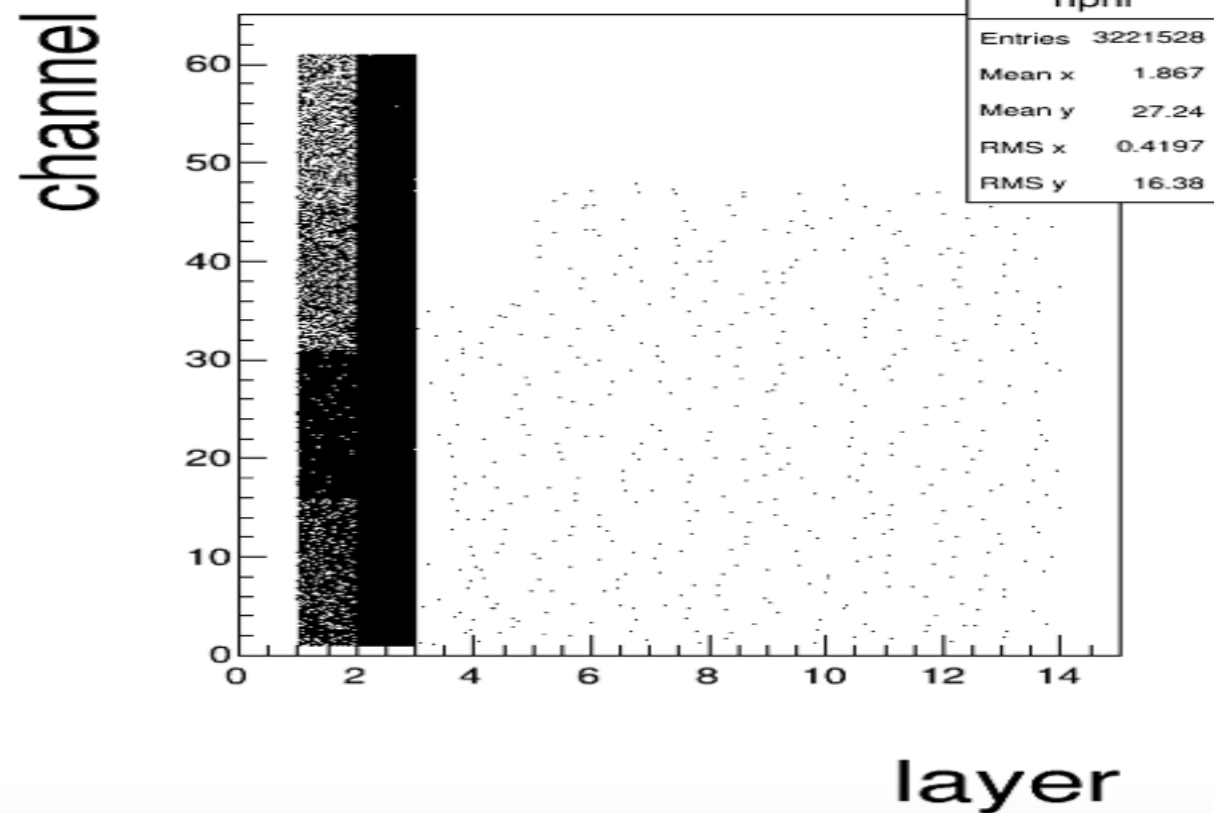
Yinghui GUAN
IU/PNNL

2015. 08. 26

Aug.22 axis[0]

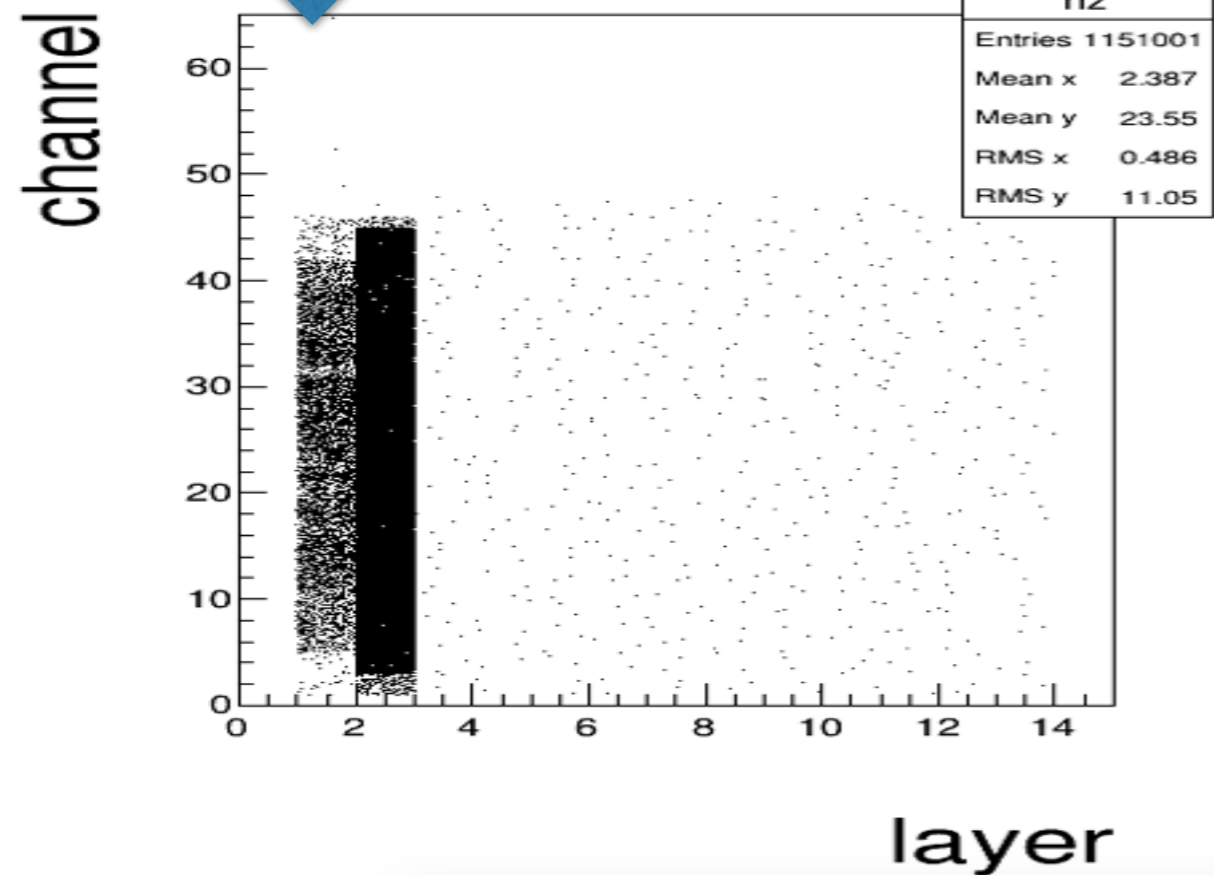


Aug.22 axis[1]

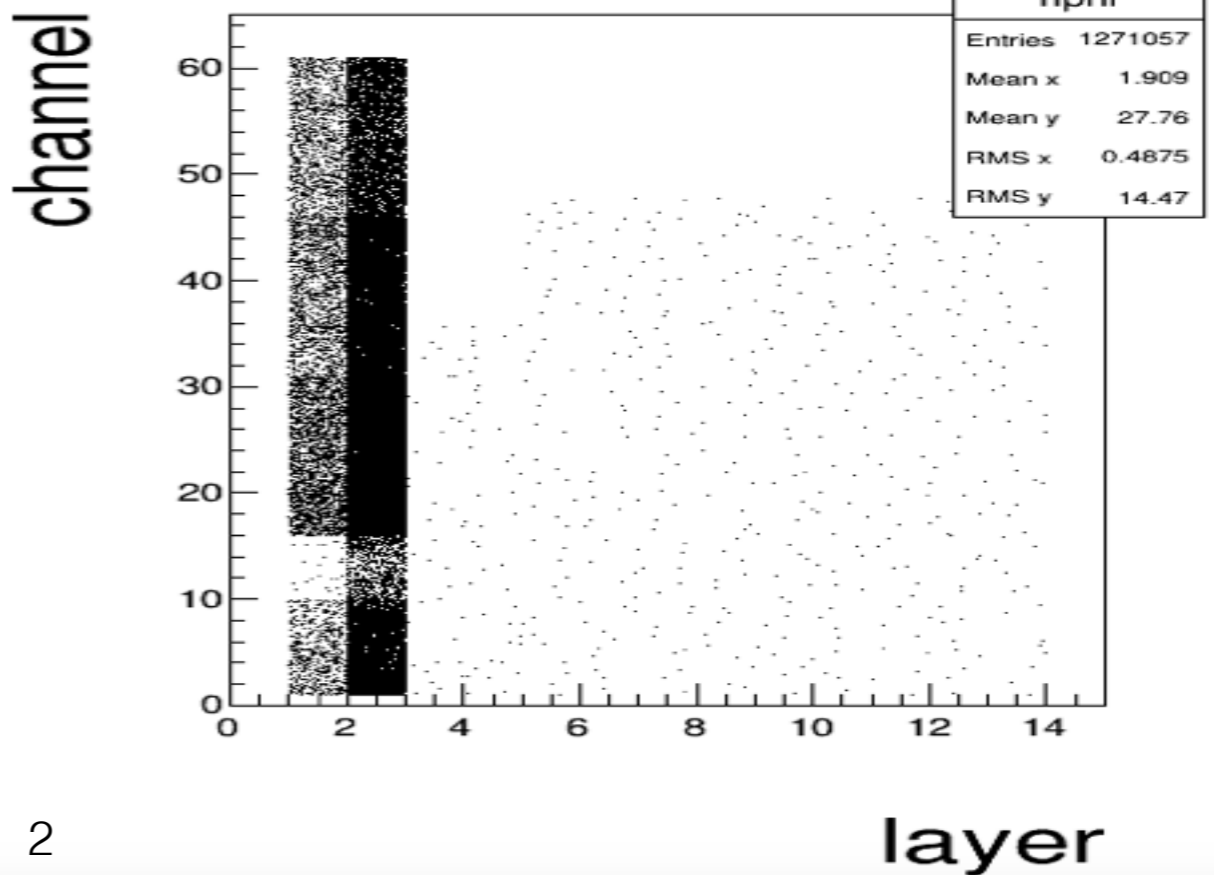


fabs(charge)>15

Aug.22 axis[0]



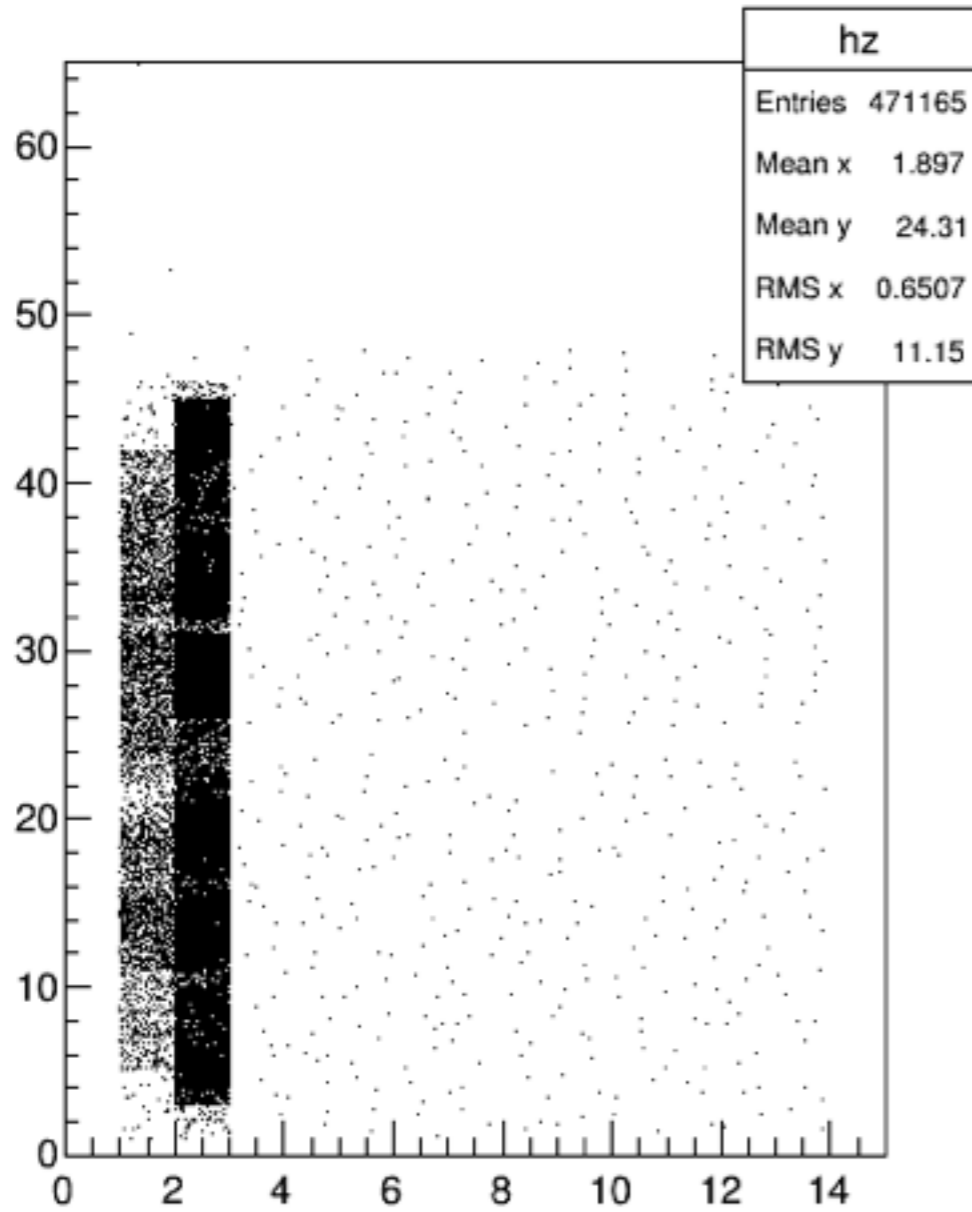
Aug.22 axis[1]



`fabs(charge)>50`

Aug.22 axis[0]

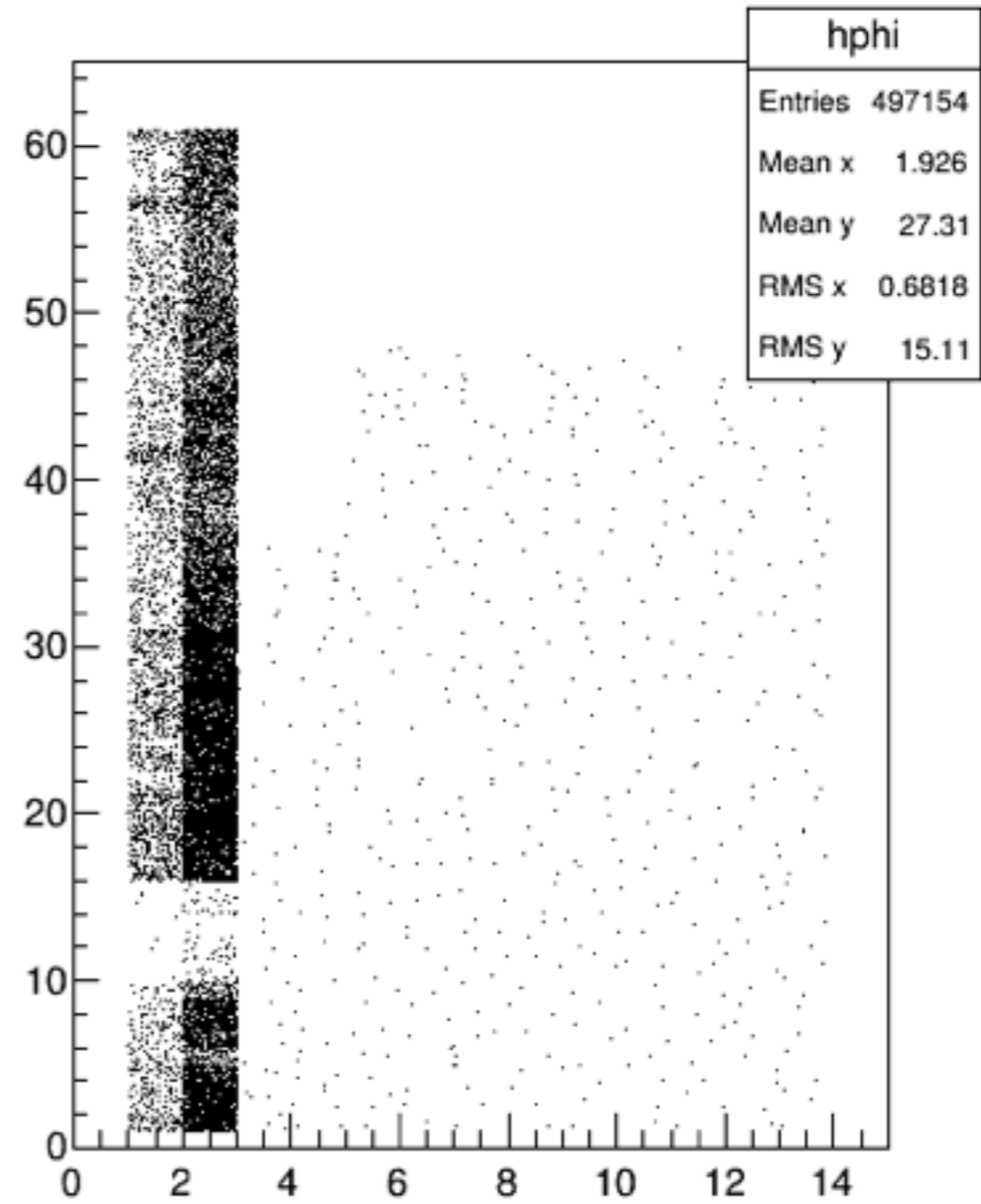
channel



layer

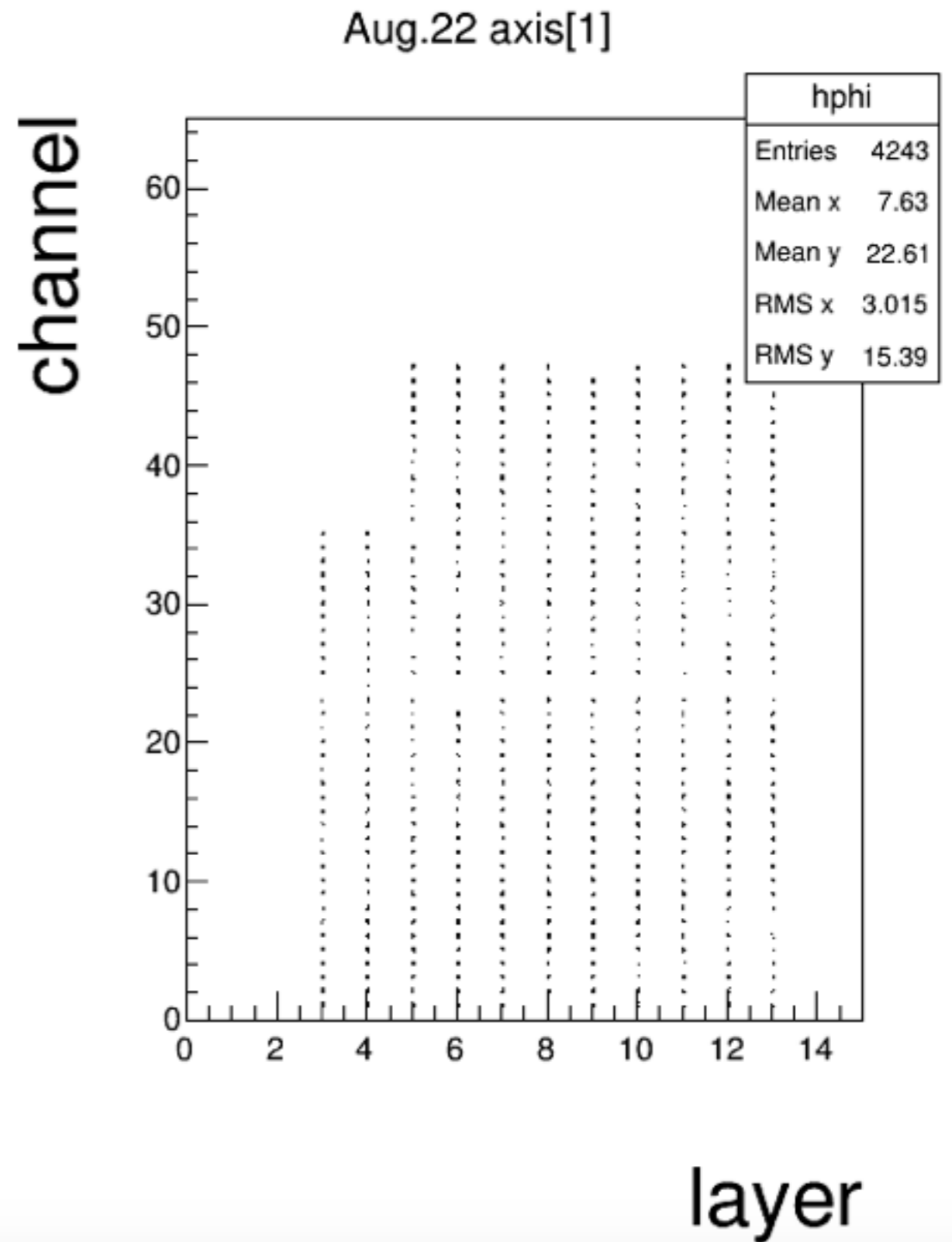
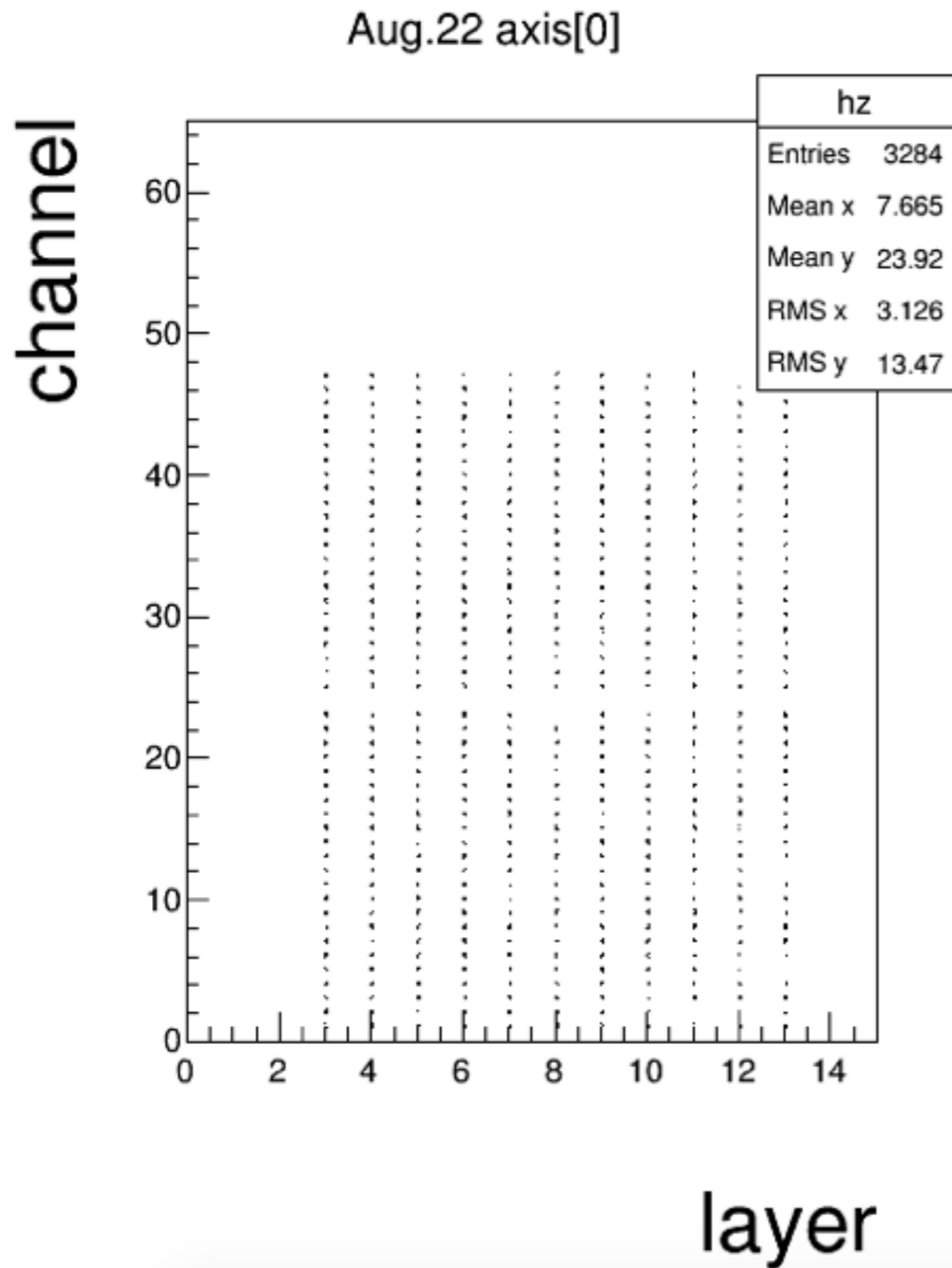
Aug.22 axis[1]

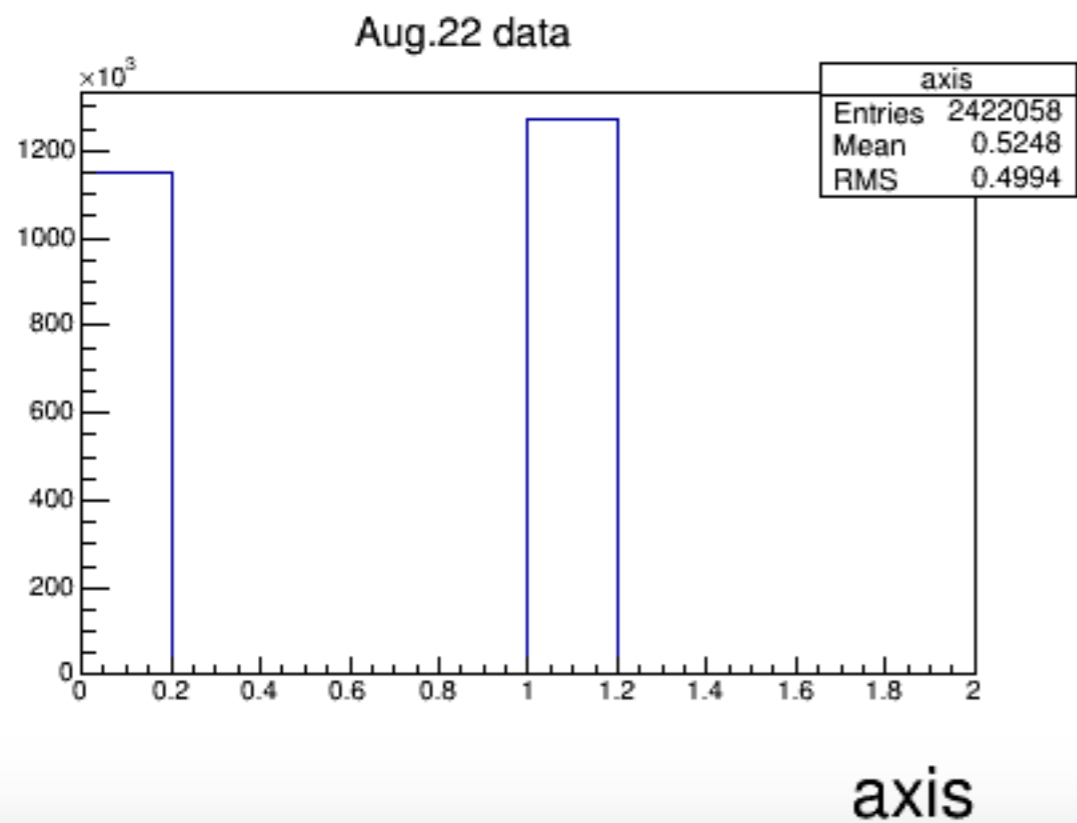
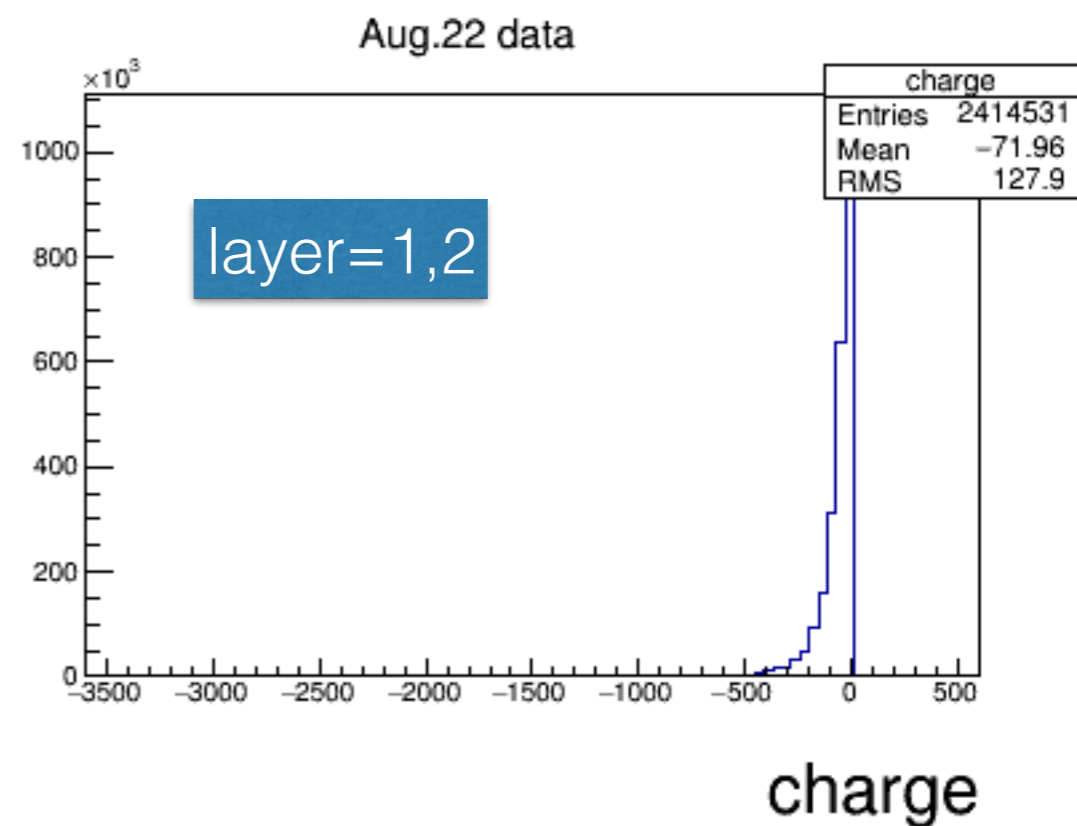
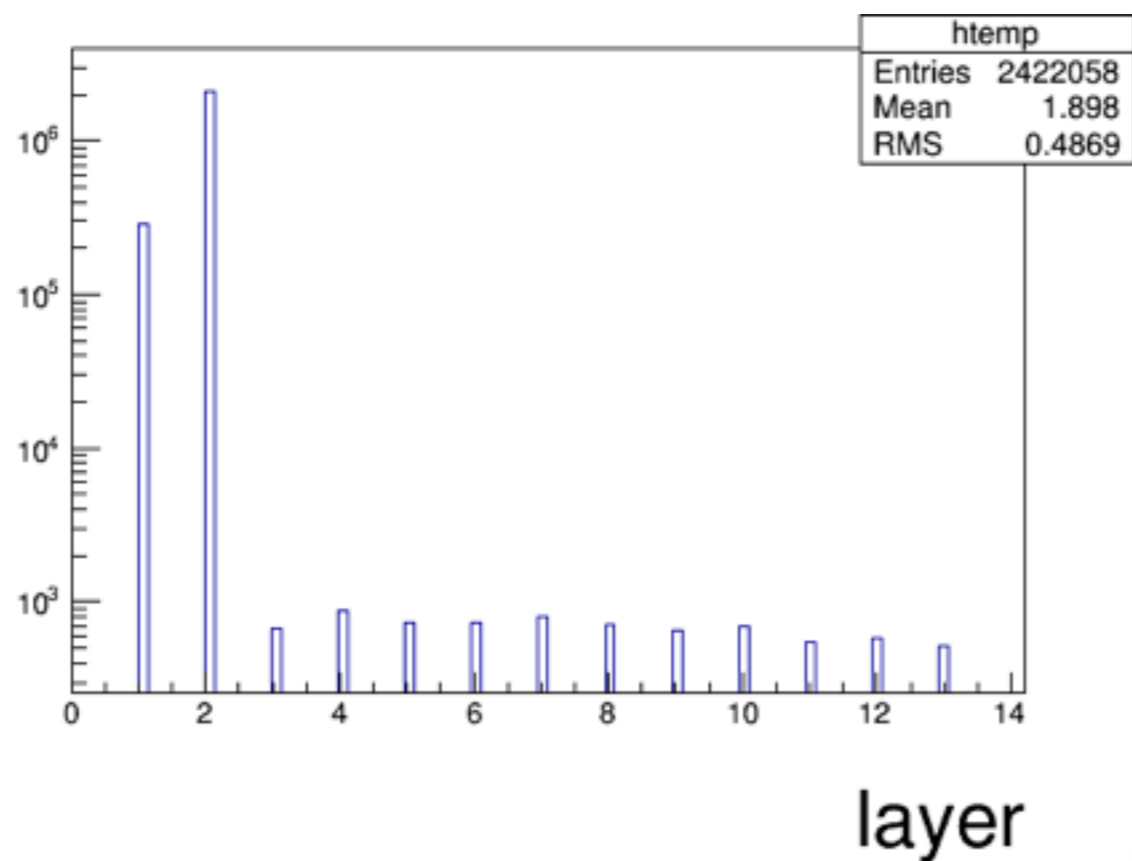
channel

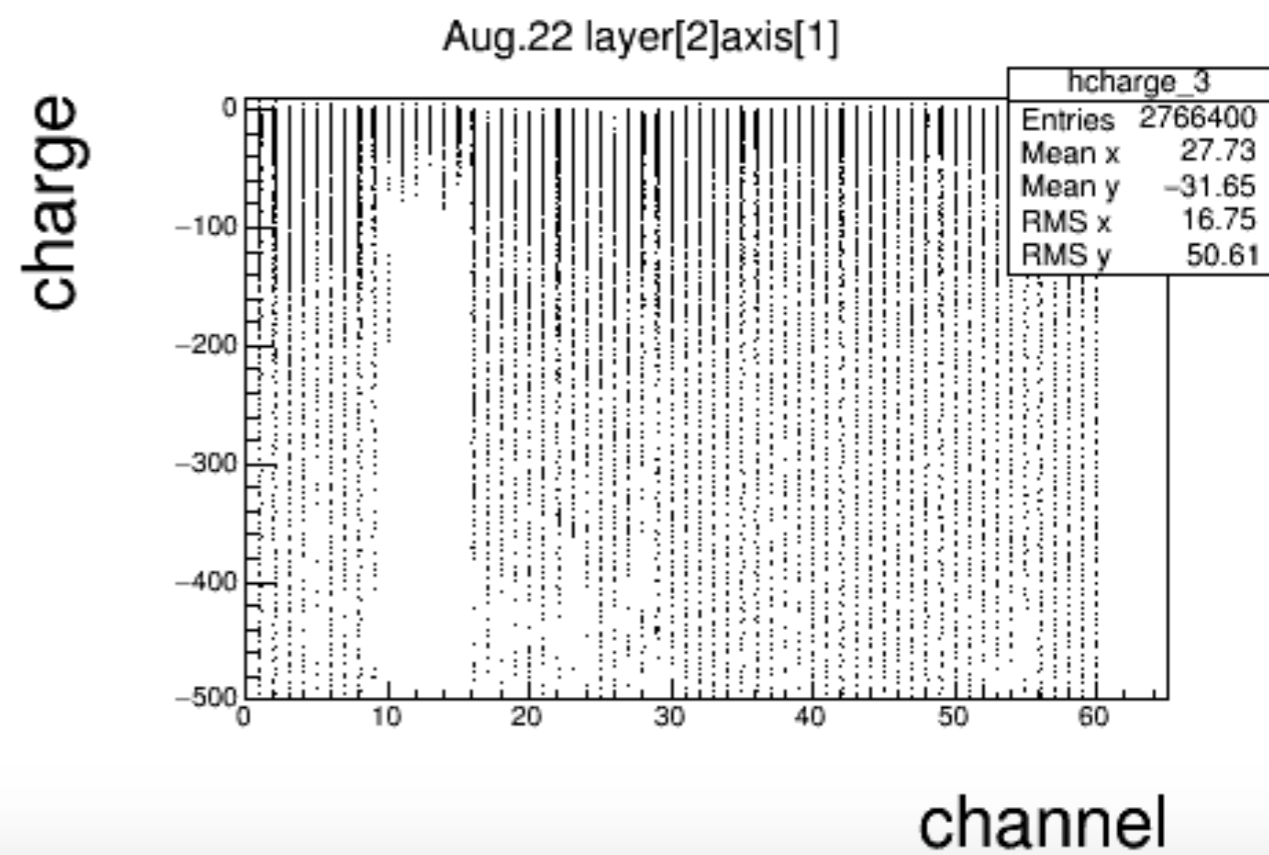
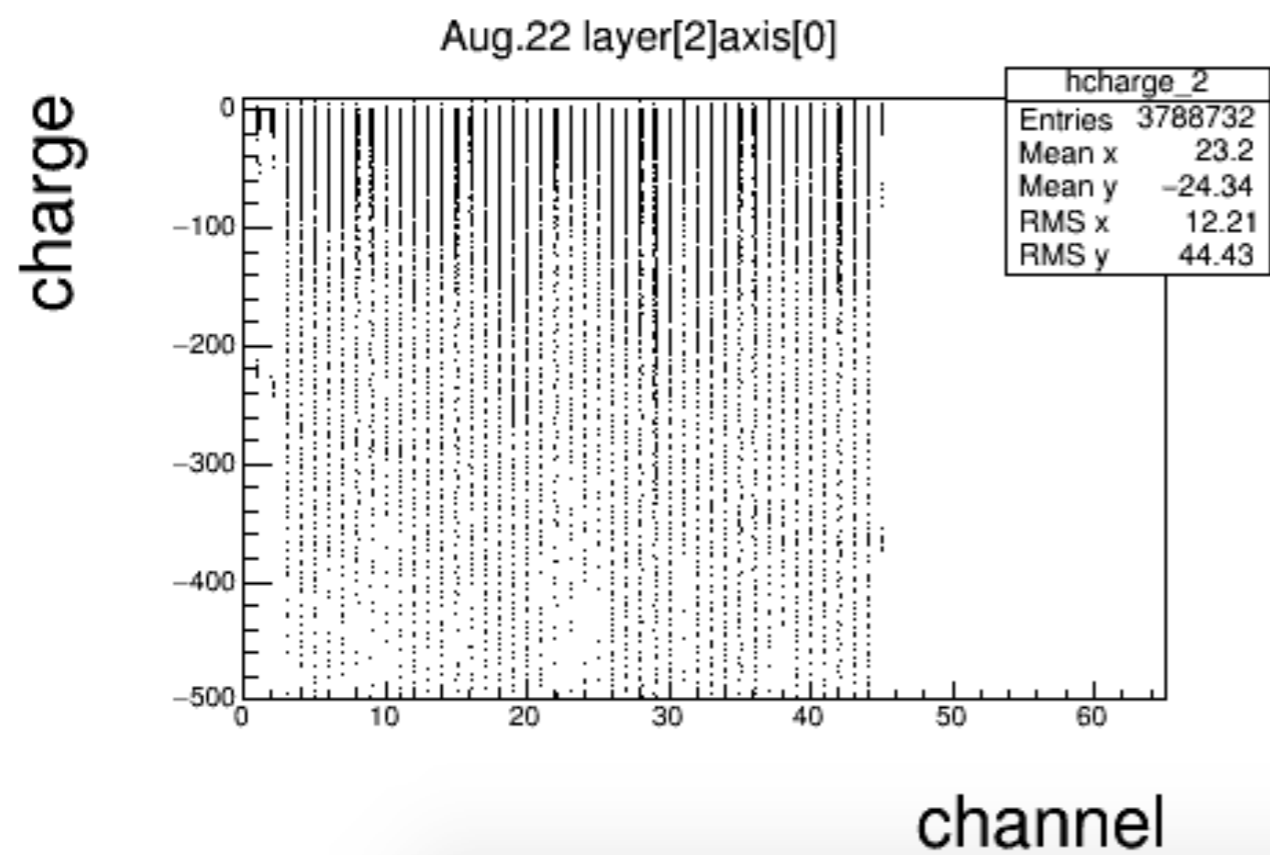
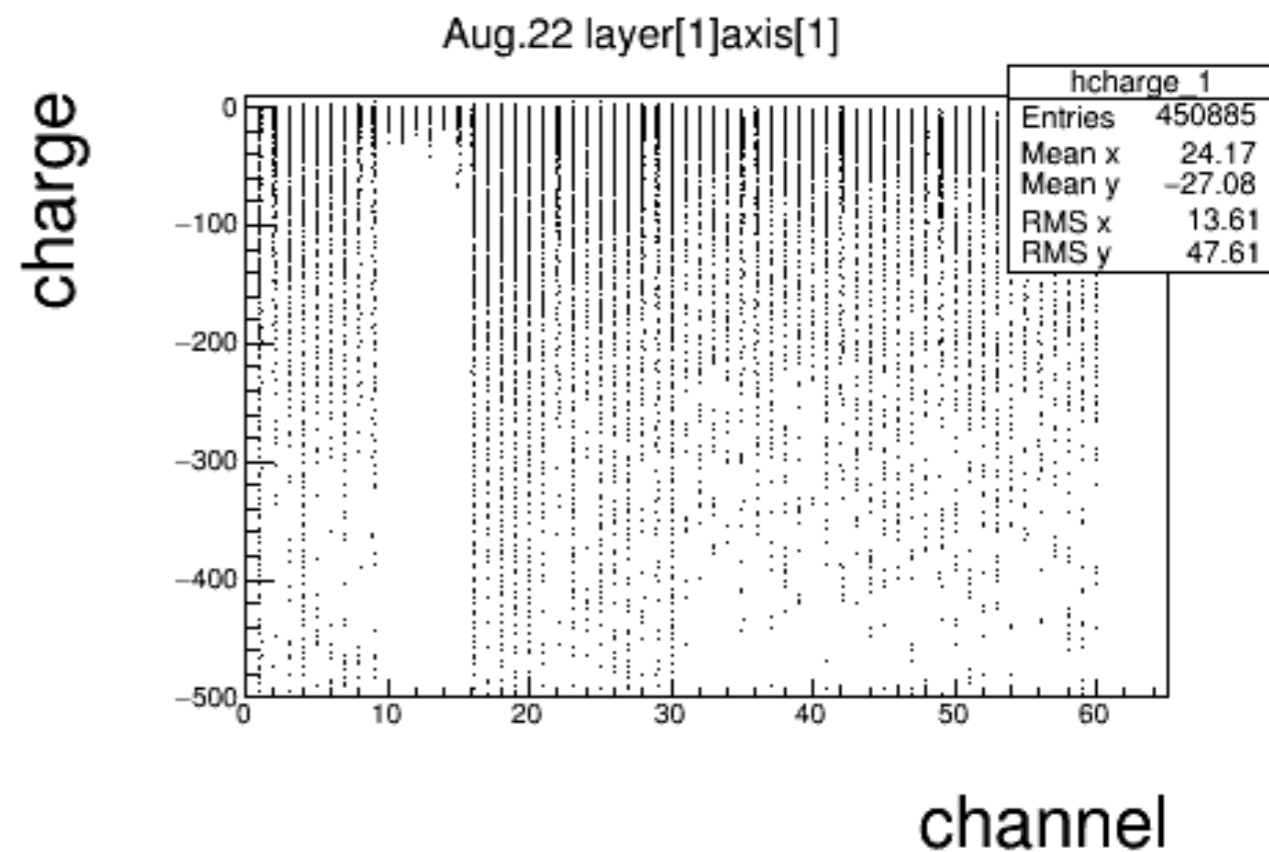
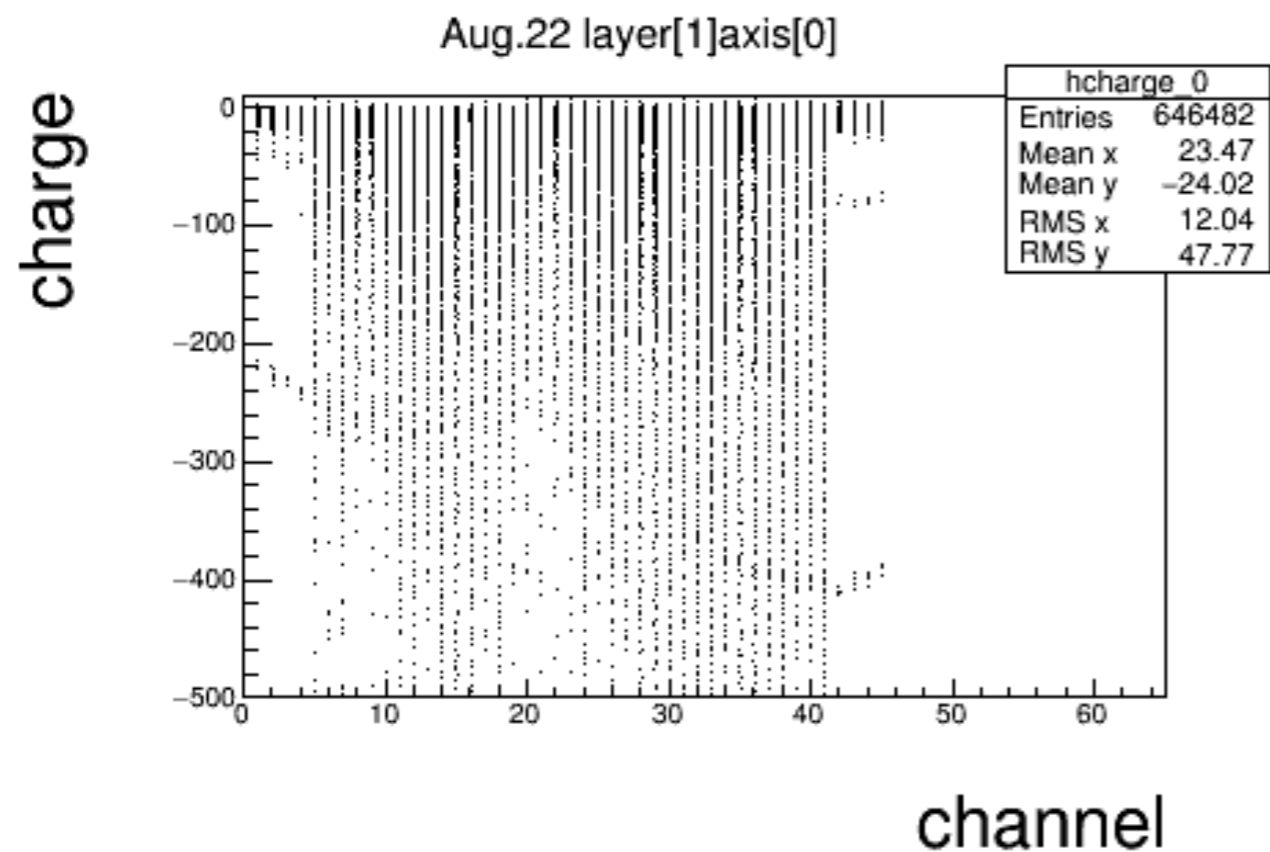


layer

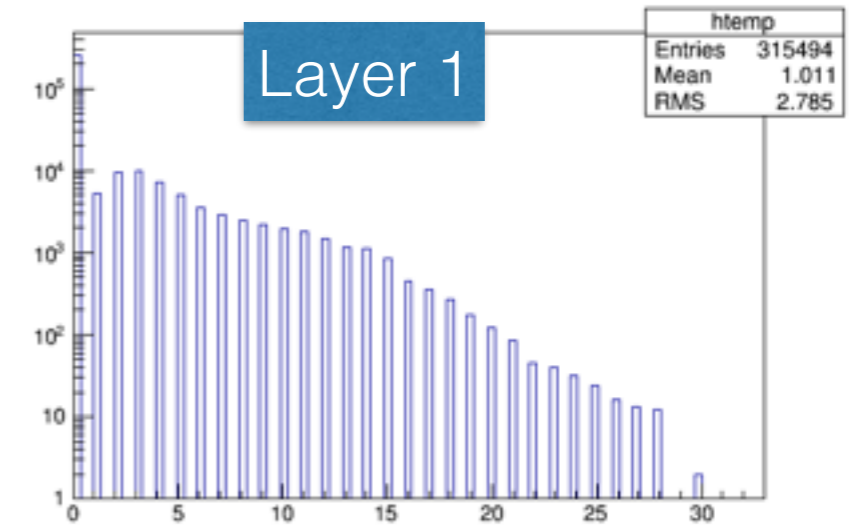
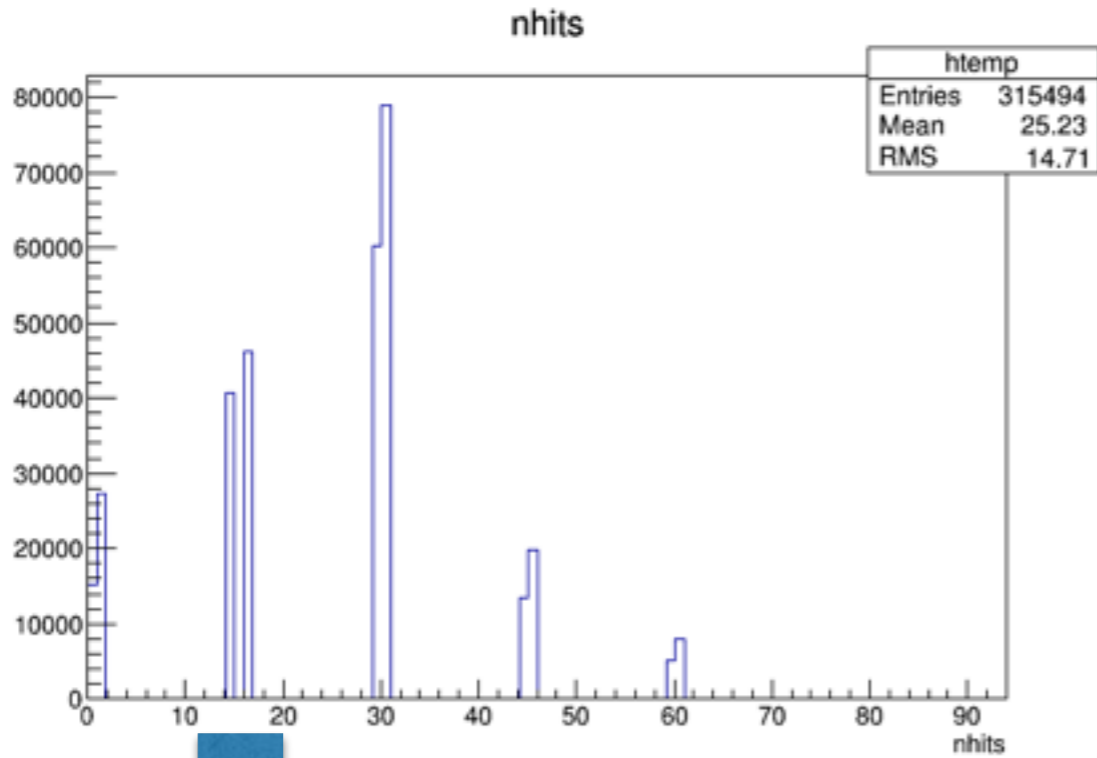
Only Look at RPCs



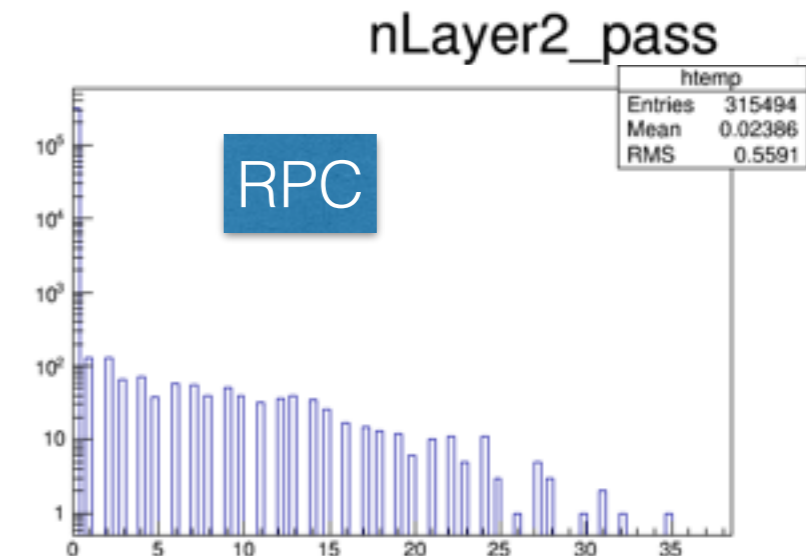
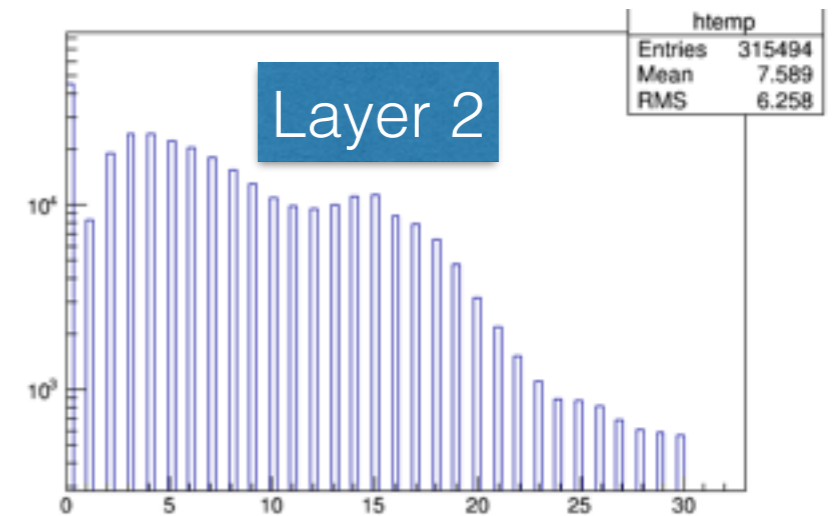
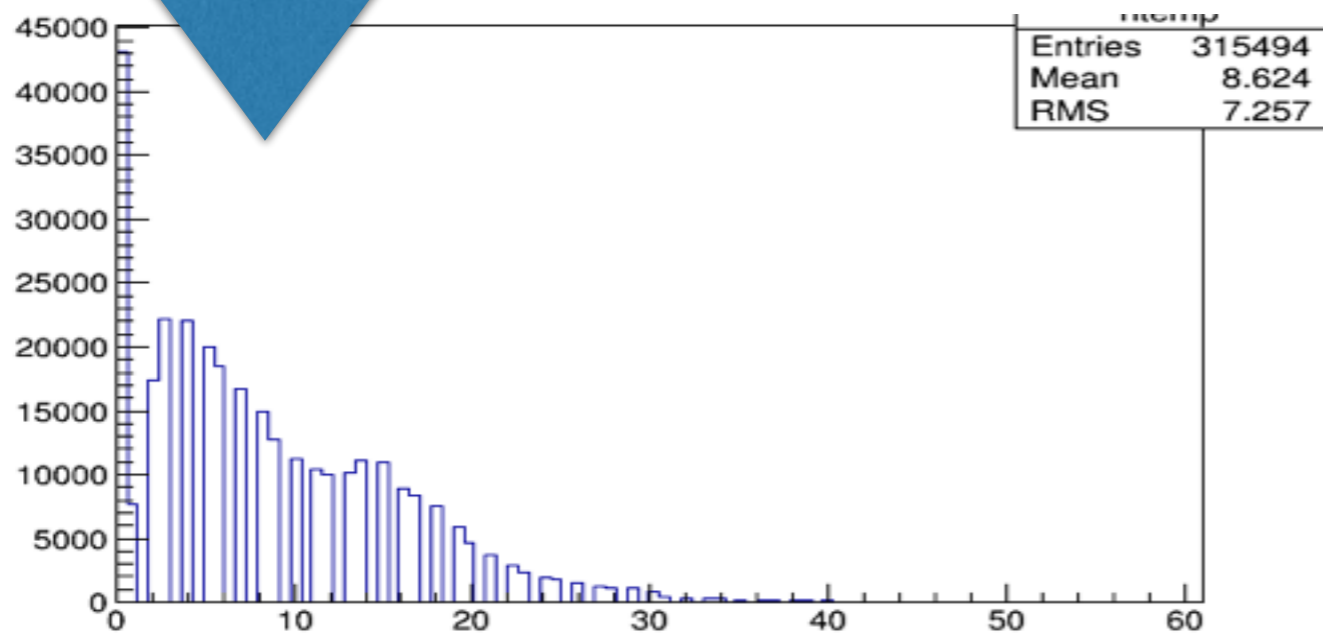




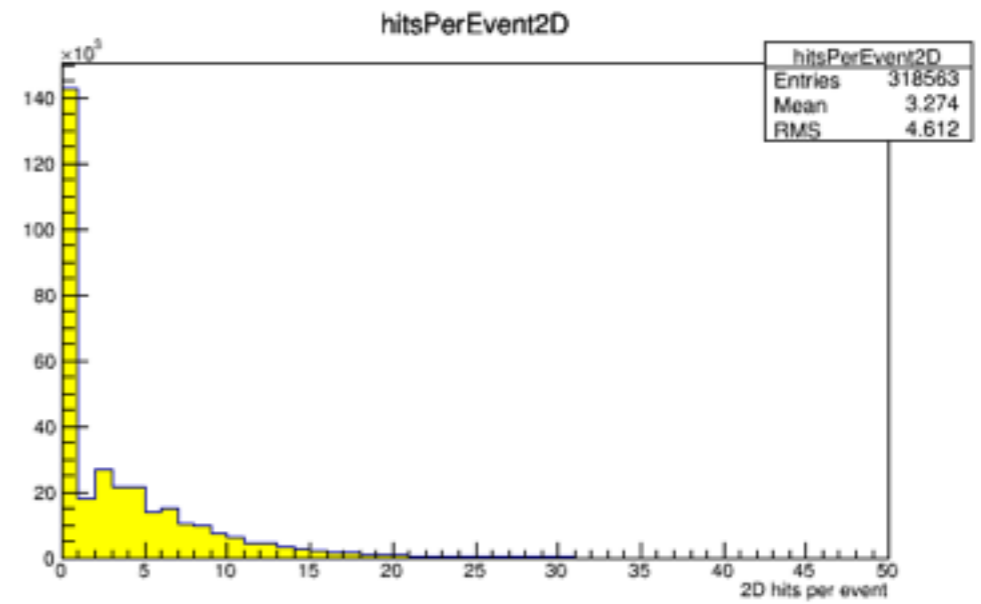
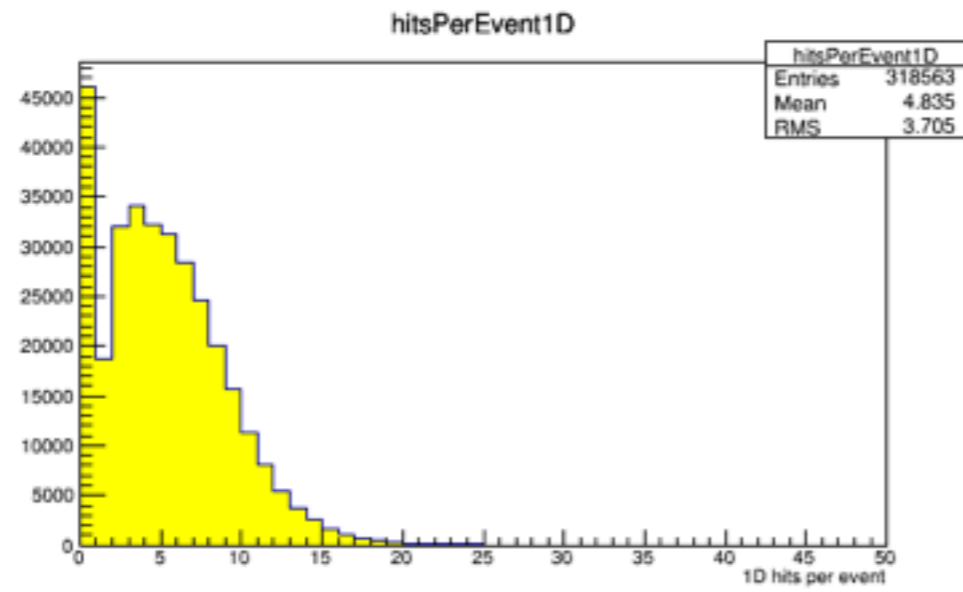
Hits perEvent



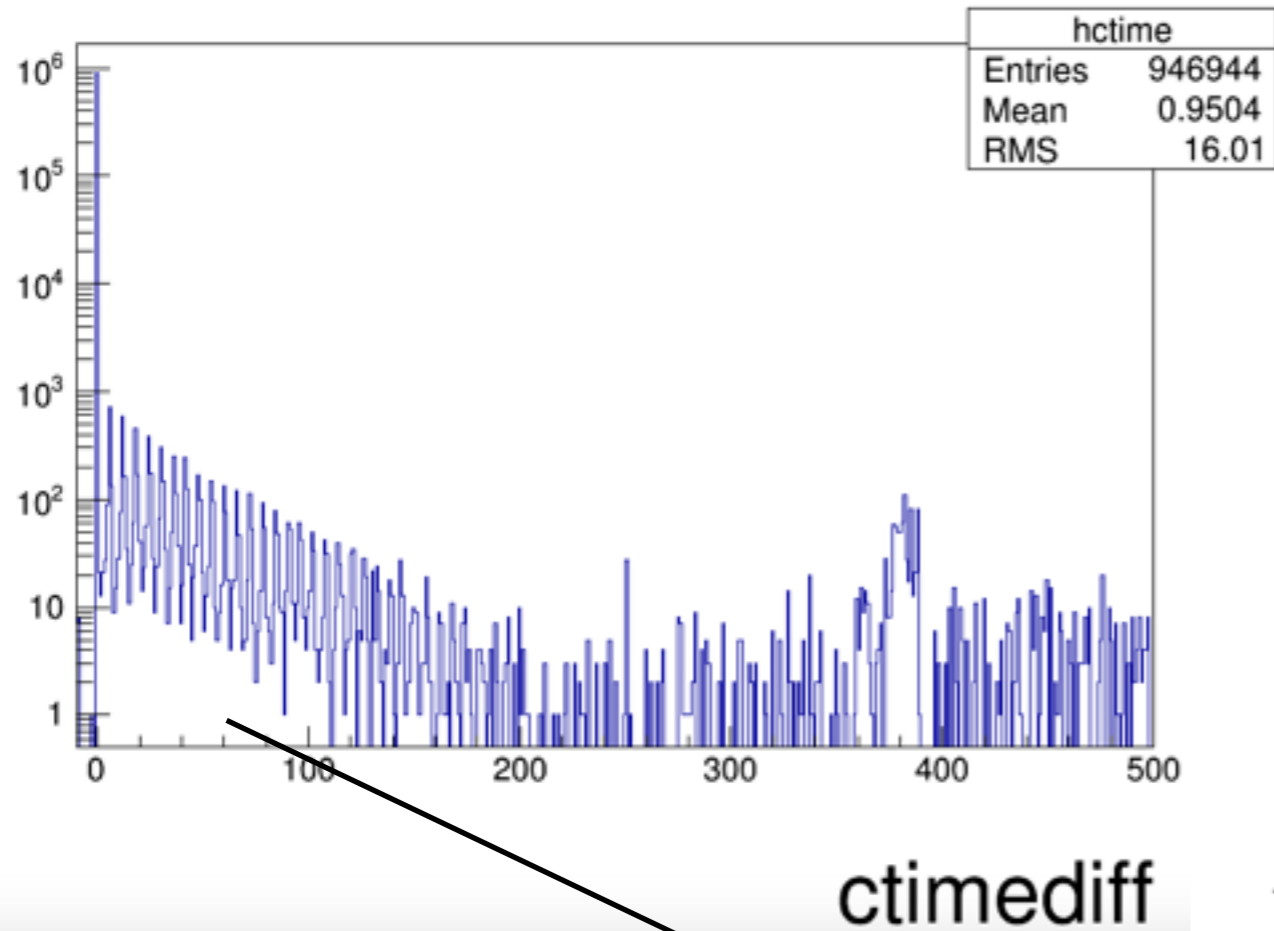
`fabs(charge) > 15`



Hits perEvent

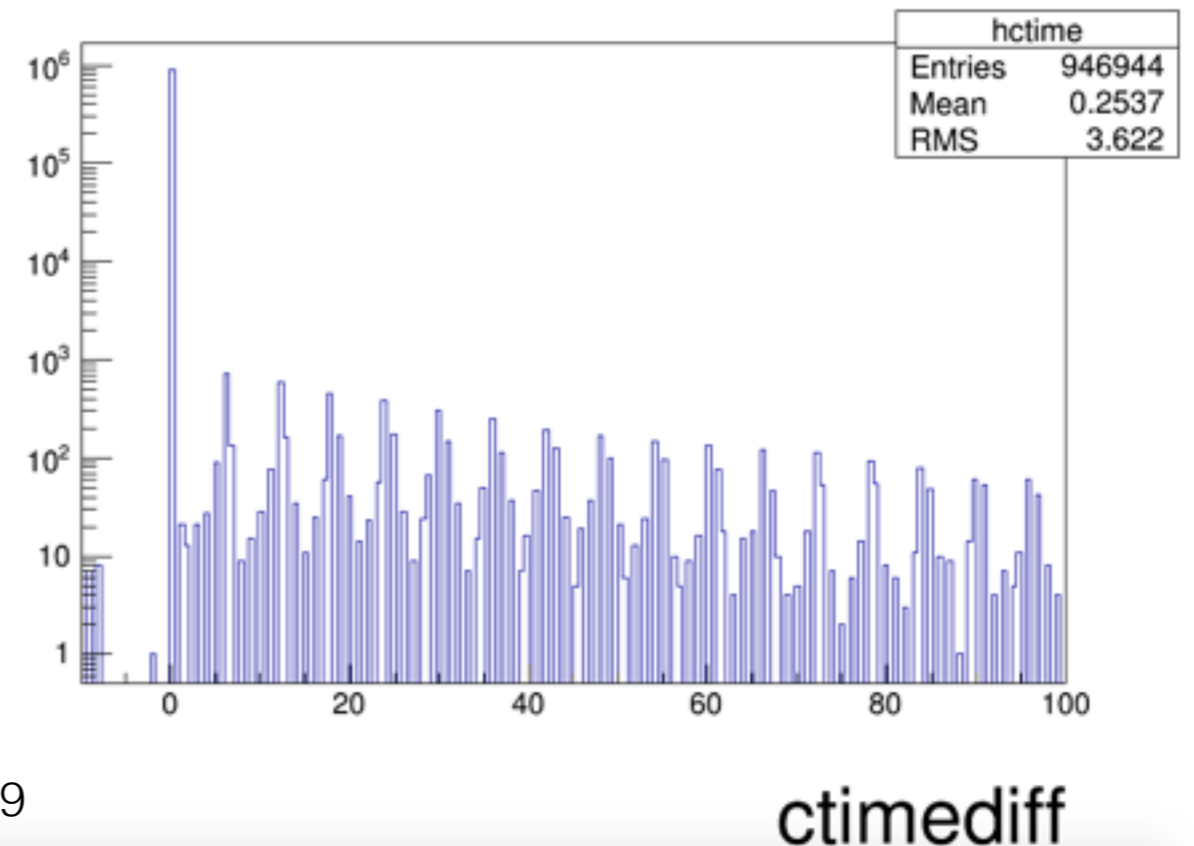


Ctime difference



Take the first hit of the event as the reference

zoom in

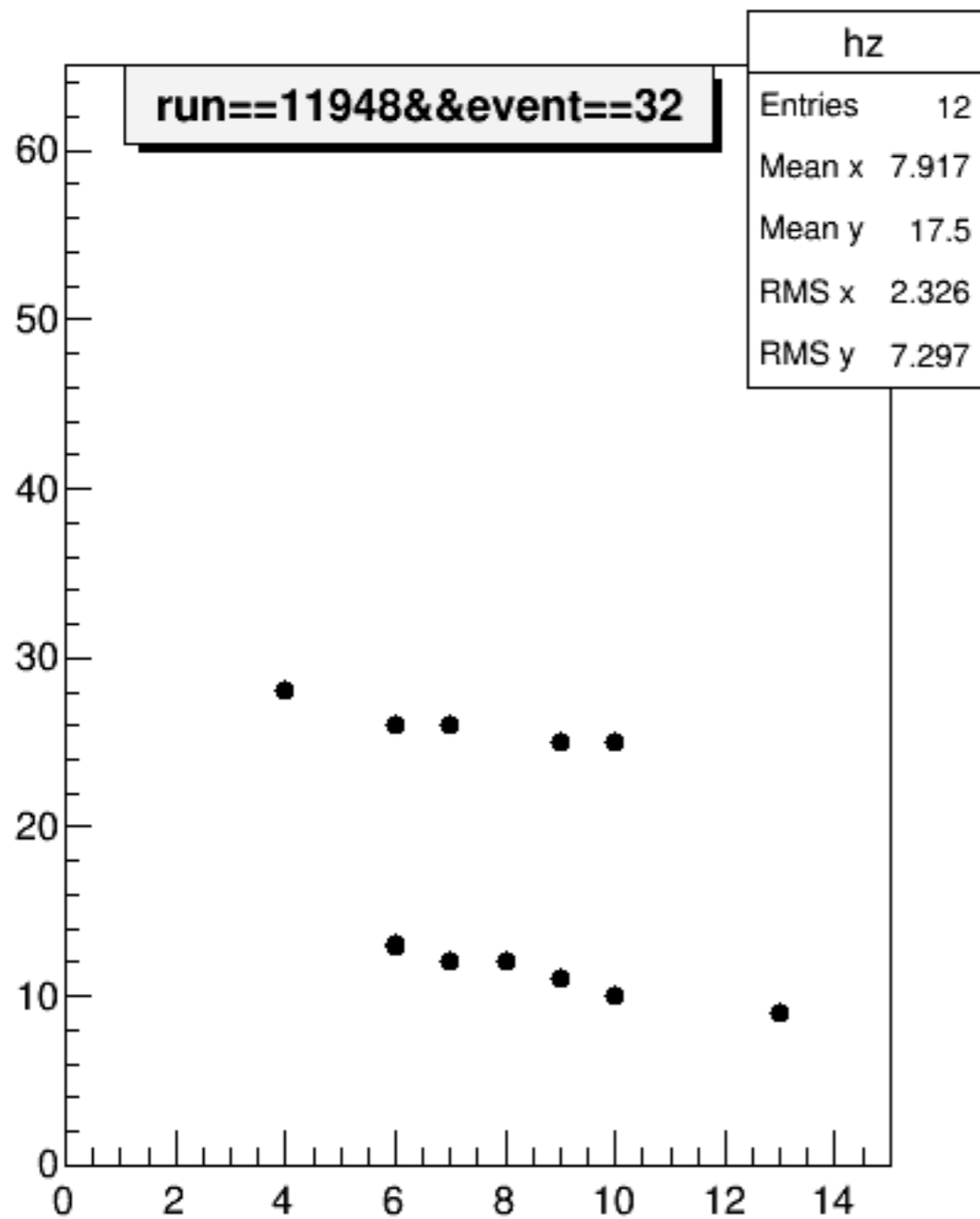


- Layer2 (or should say Layer1,2) is quite noisy
- Layer:[3-4],axis[1],Channel \geq 36, no hit. (slide 2)
- Layer[3,5-13],axis[1],channel[24], no hit
- Layer[3-13],axis[0],channel[24],no hit
- Layer [14-15], no hit
- bizarre structure on ADC
- ctime difference
- We do find some events with tracks(the following slides). Hints of pair of tracks, problem?

Events with hint of tracks

Aug.22 axis[0]

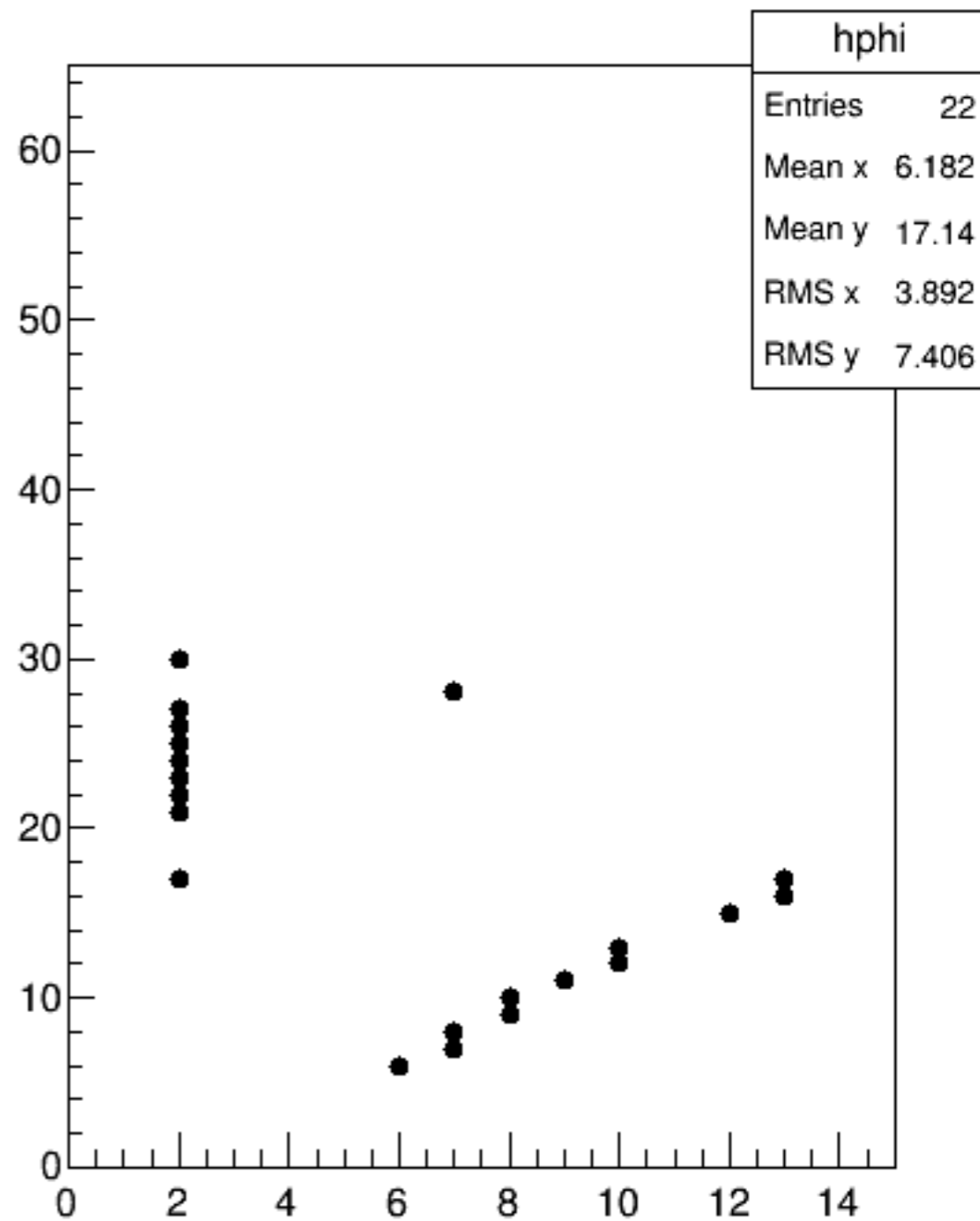
channel



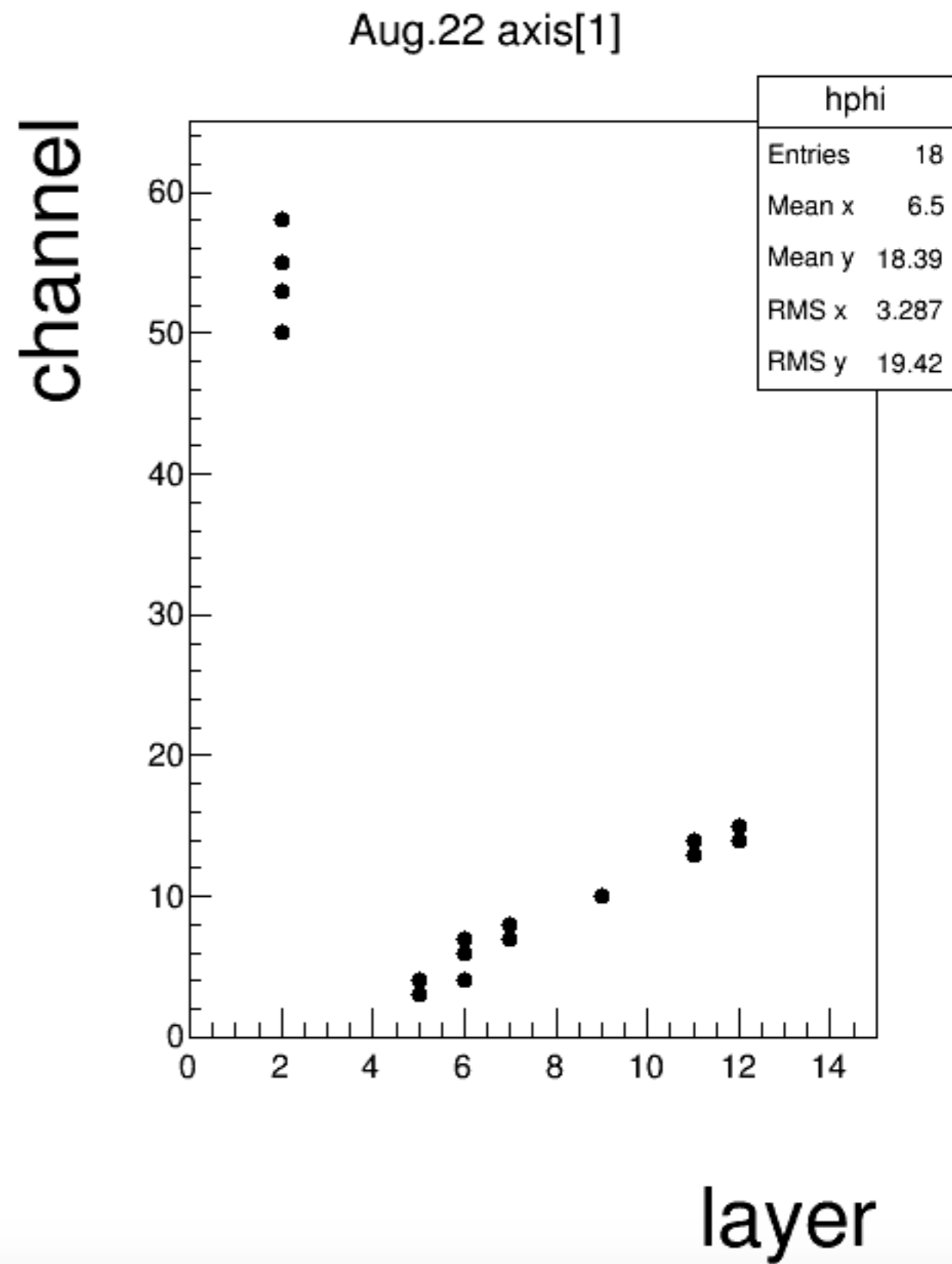
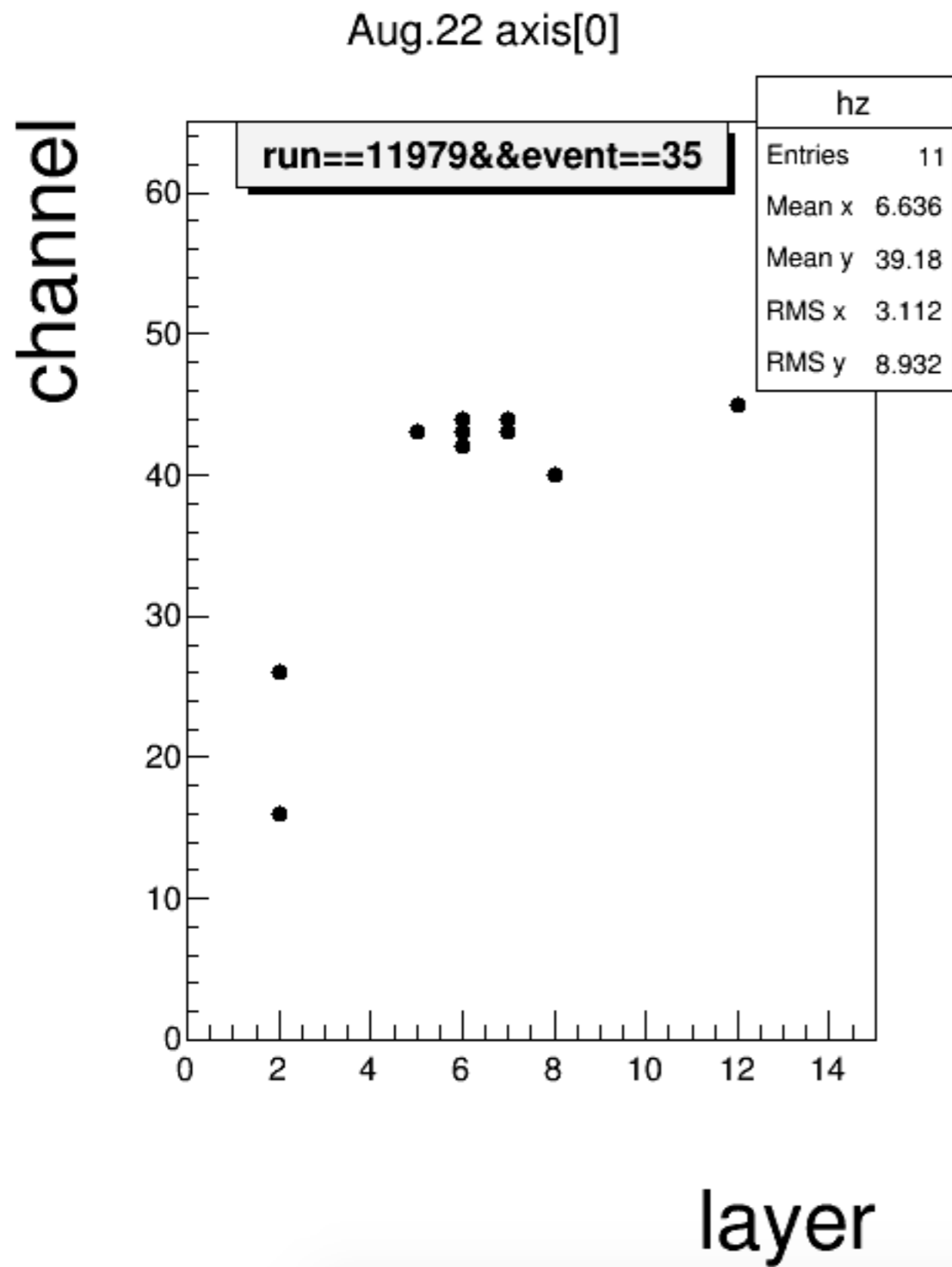
layer

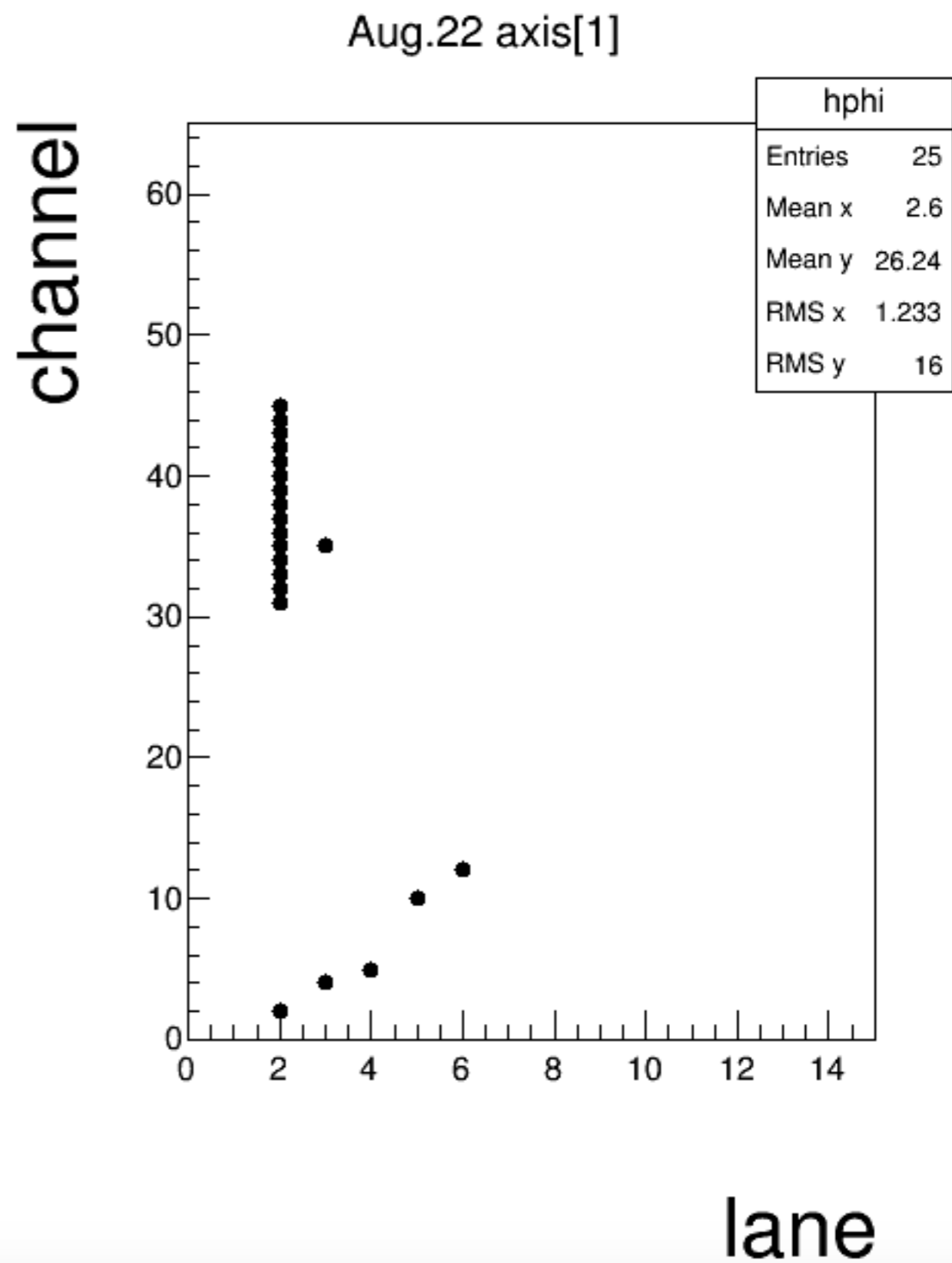
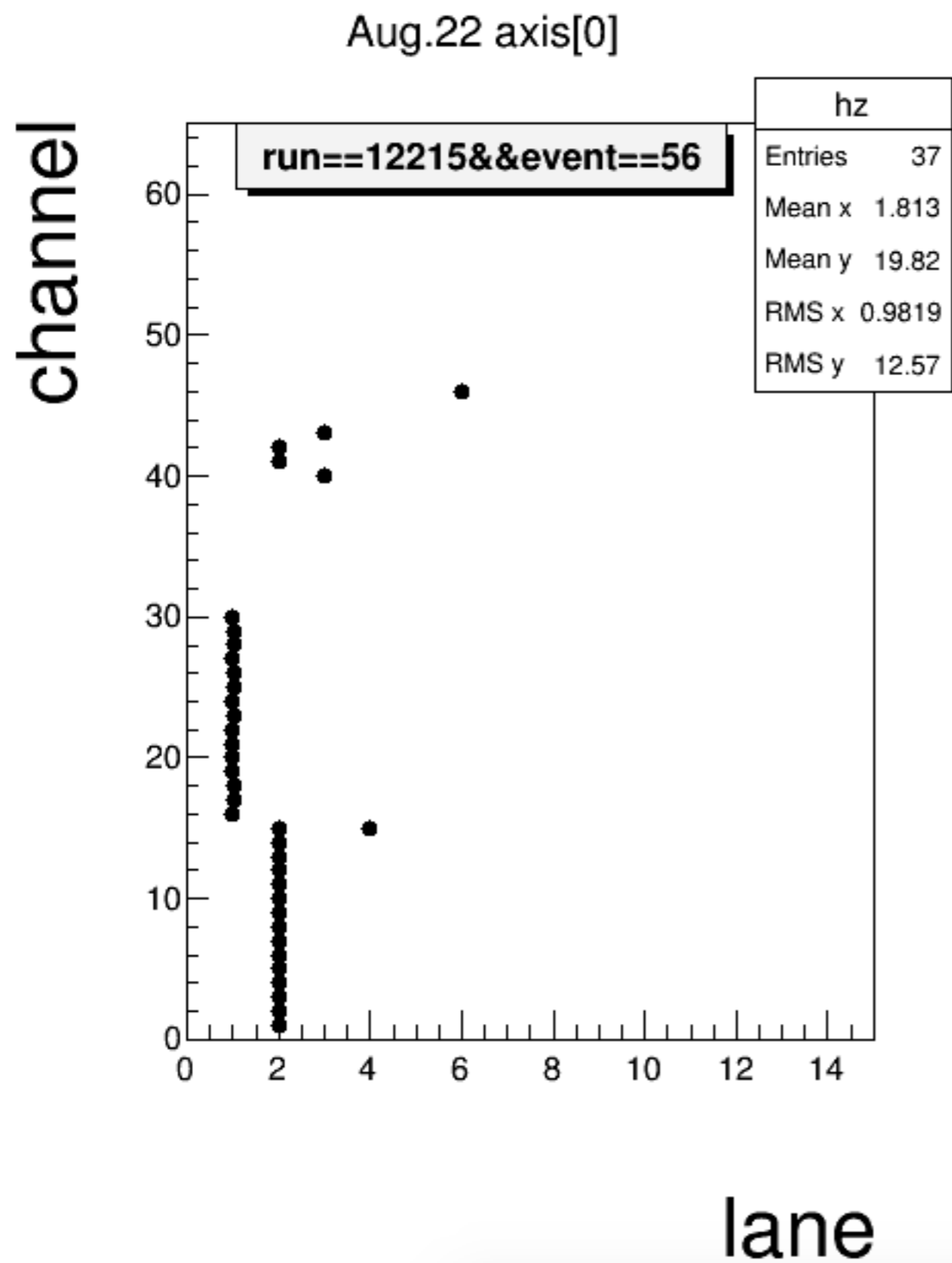
Aug.22 axis[1]

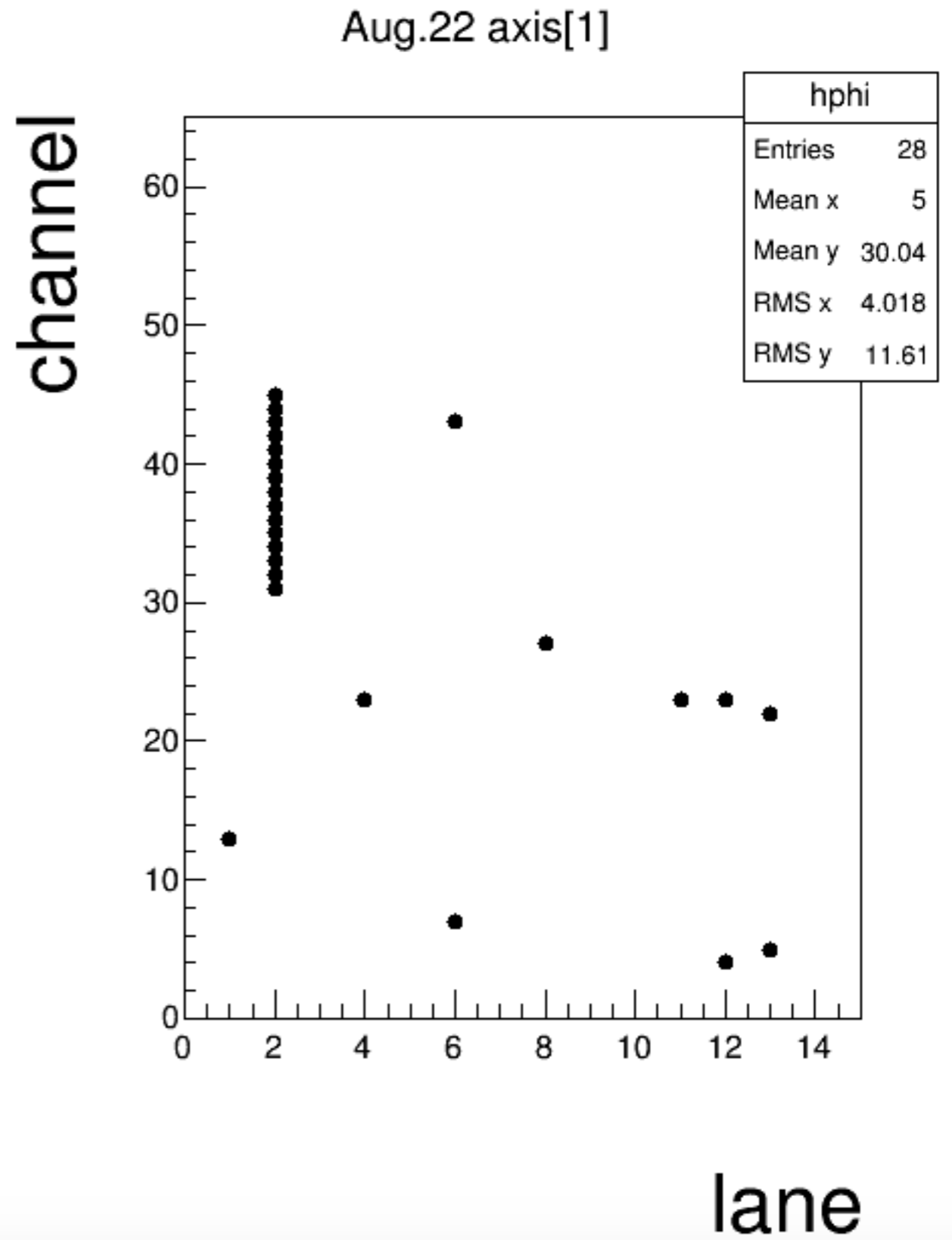
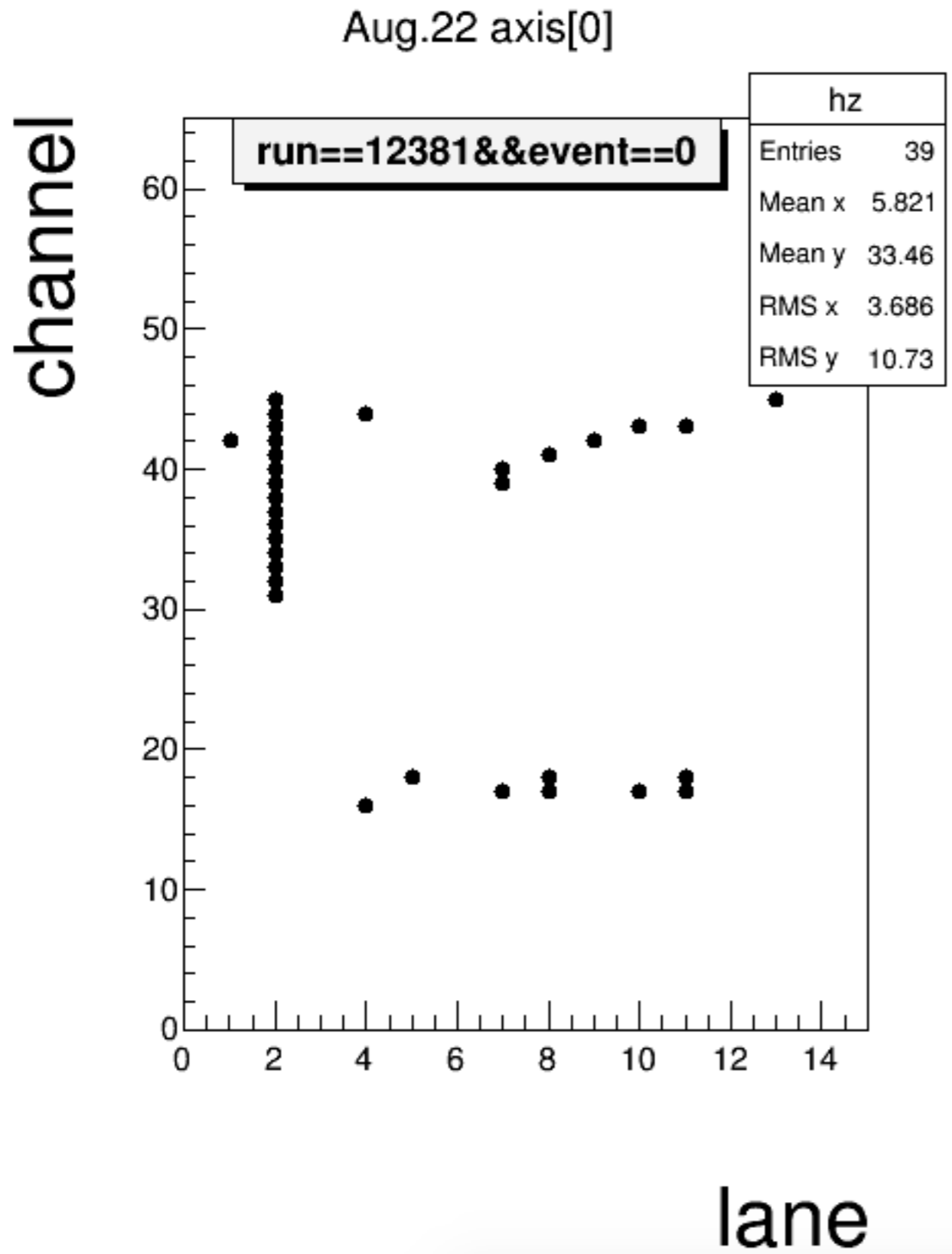
channel

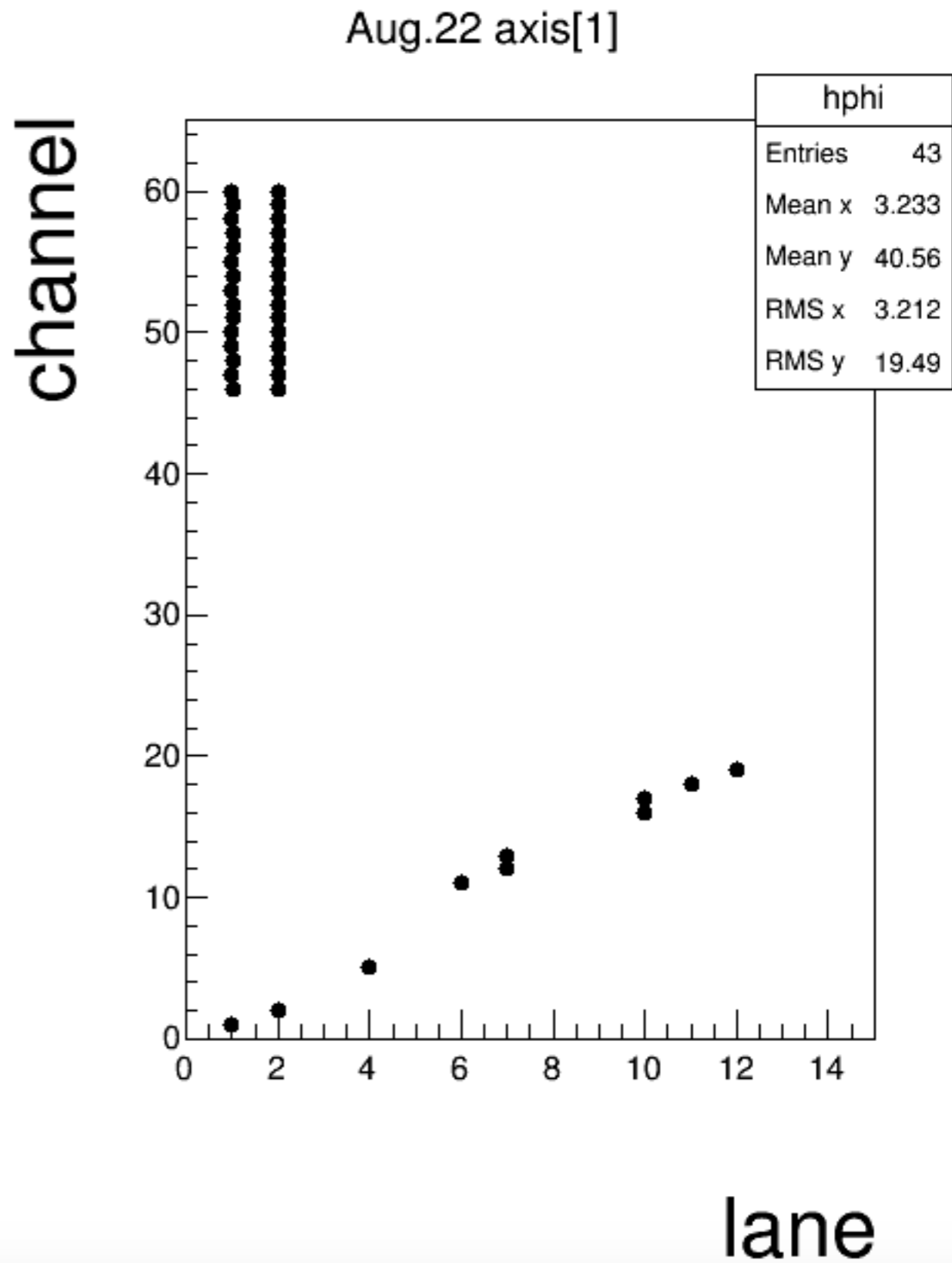
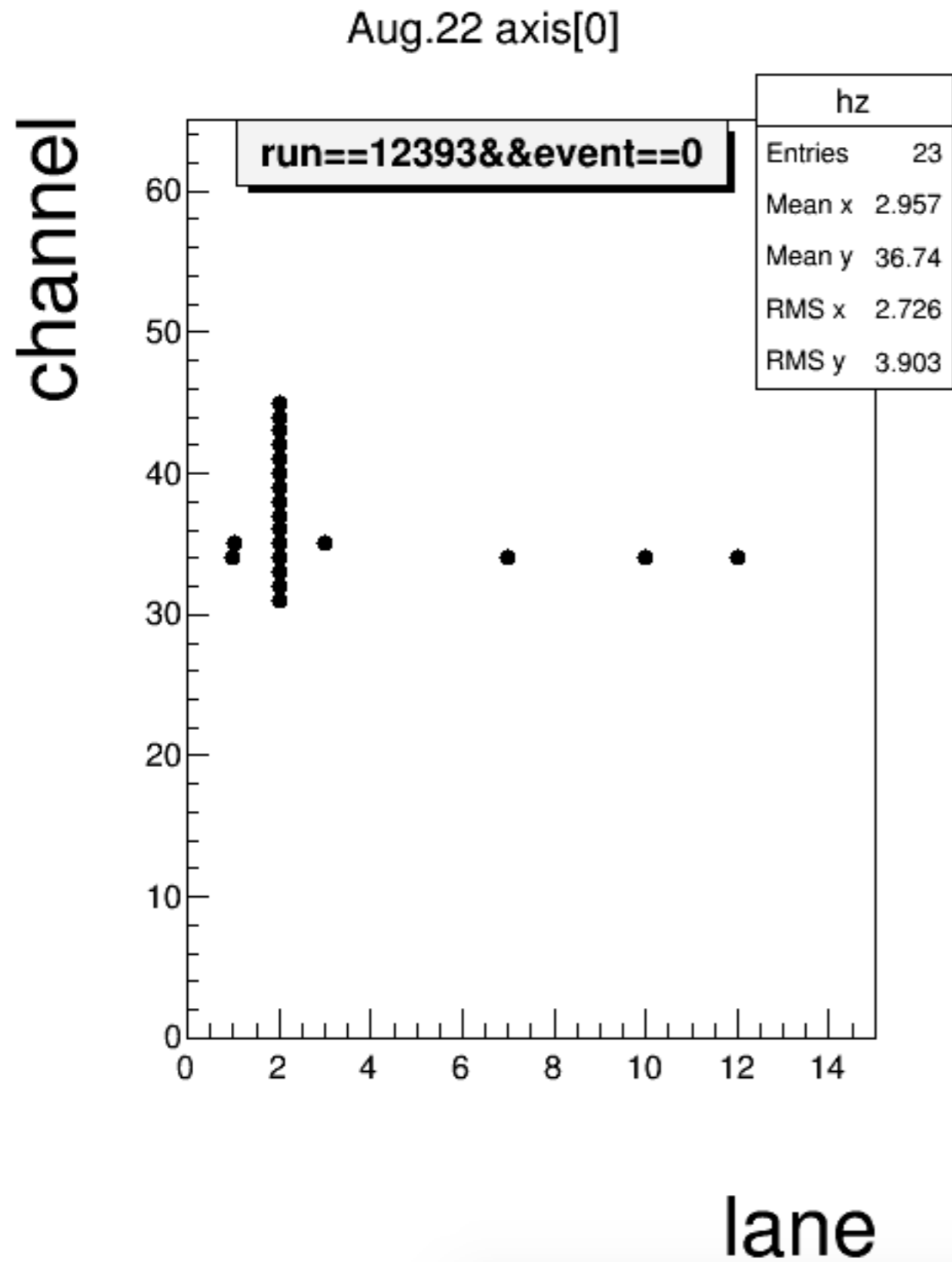


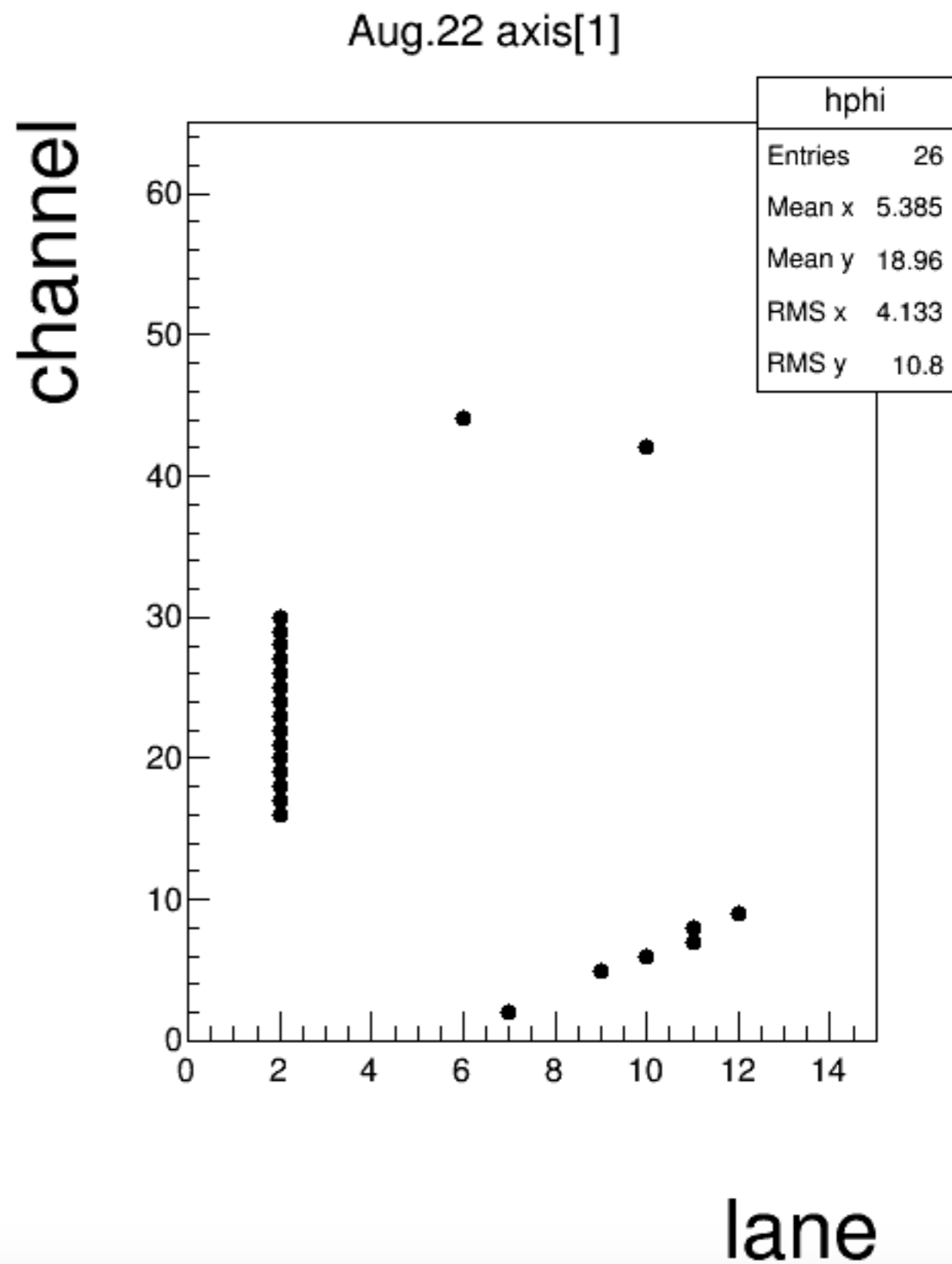
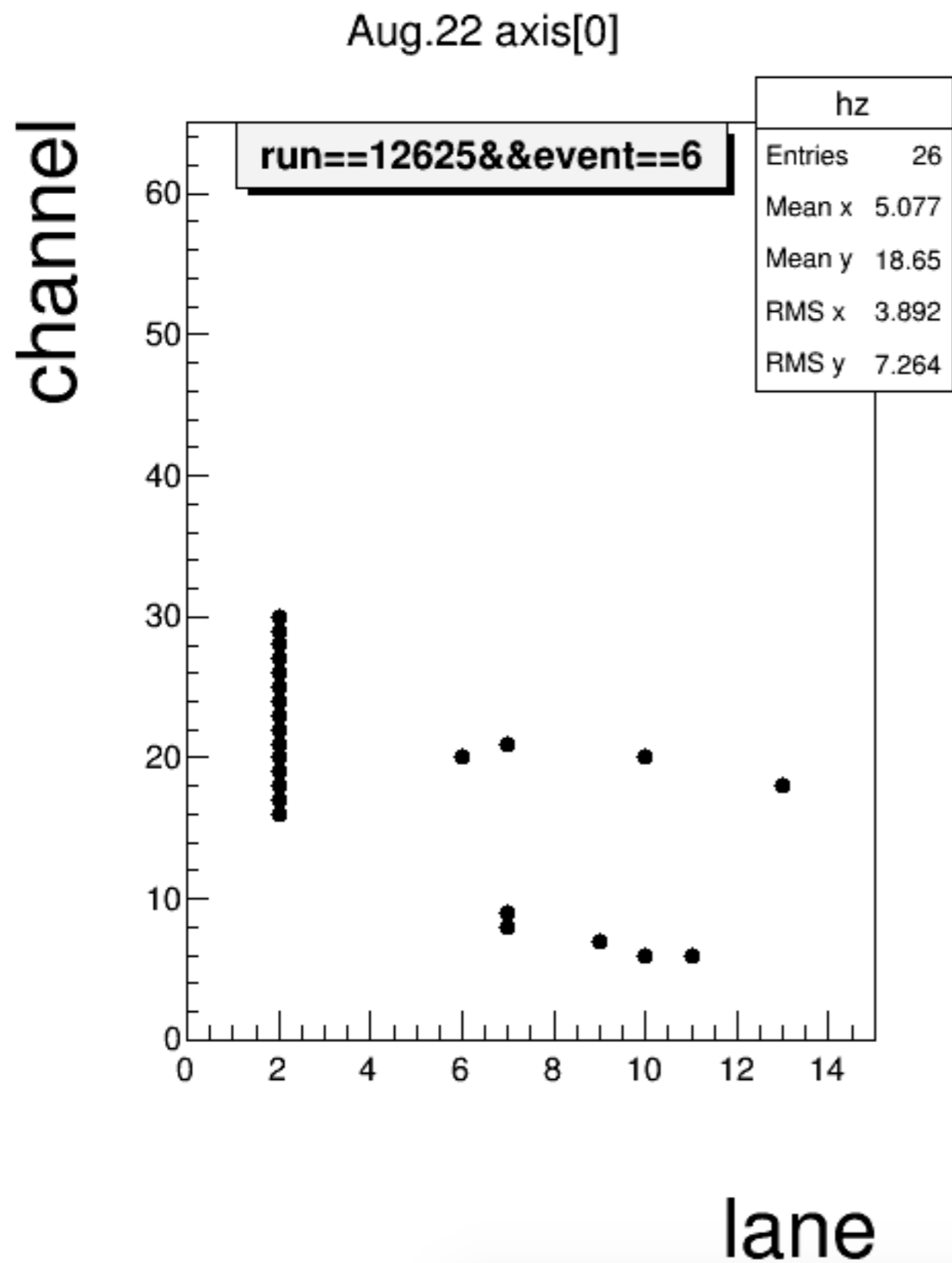
layer

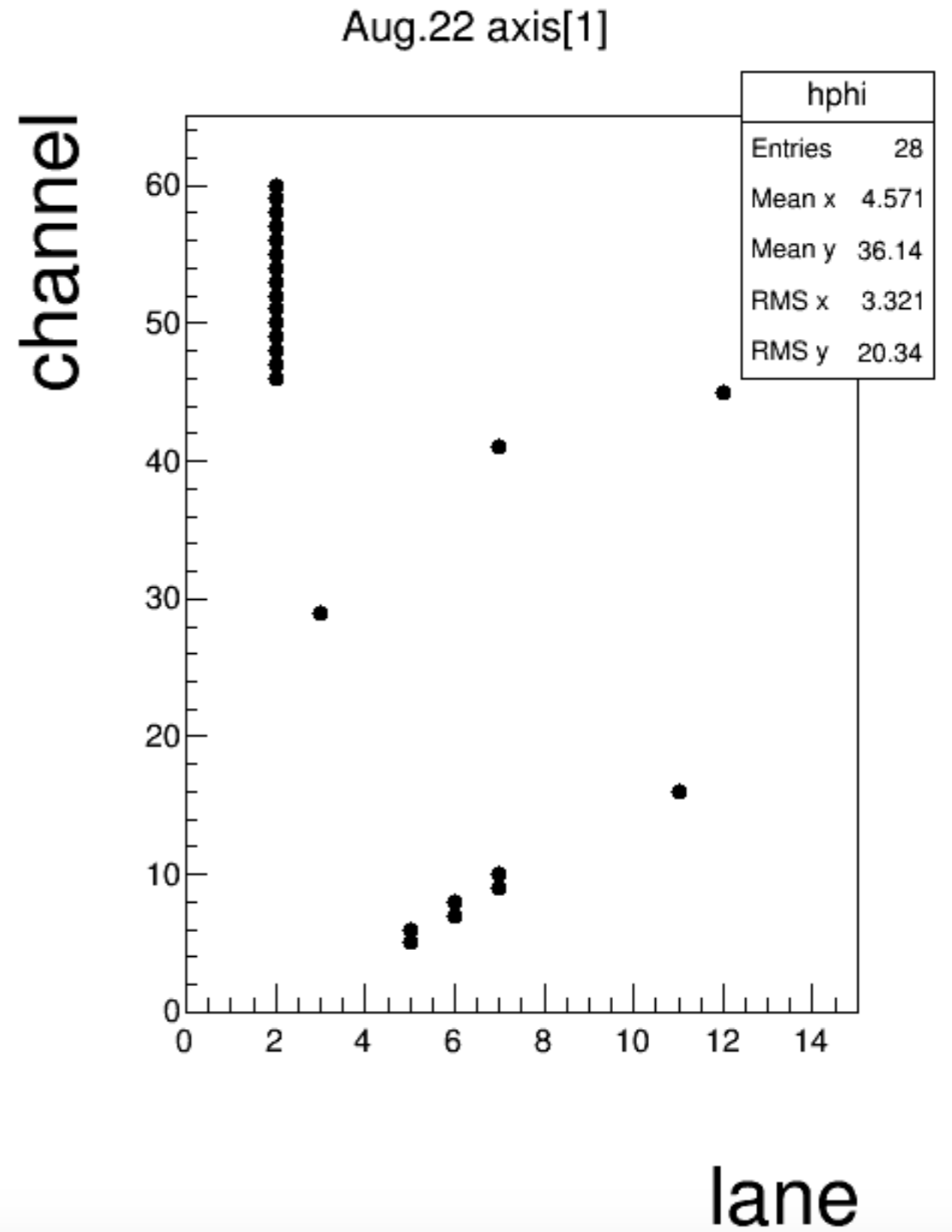
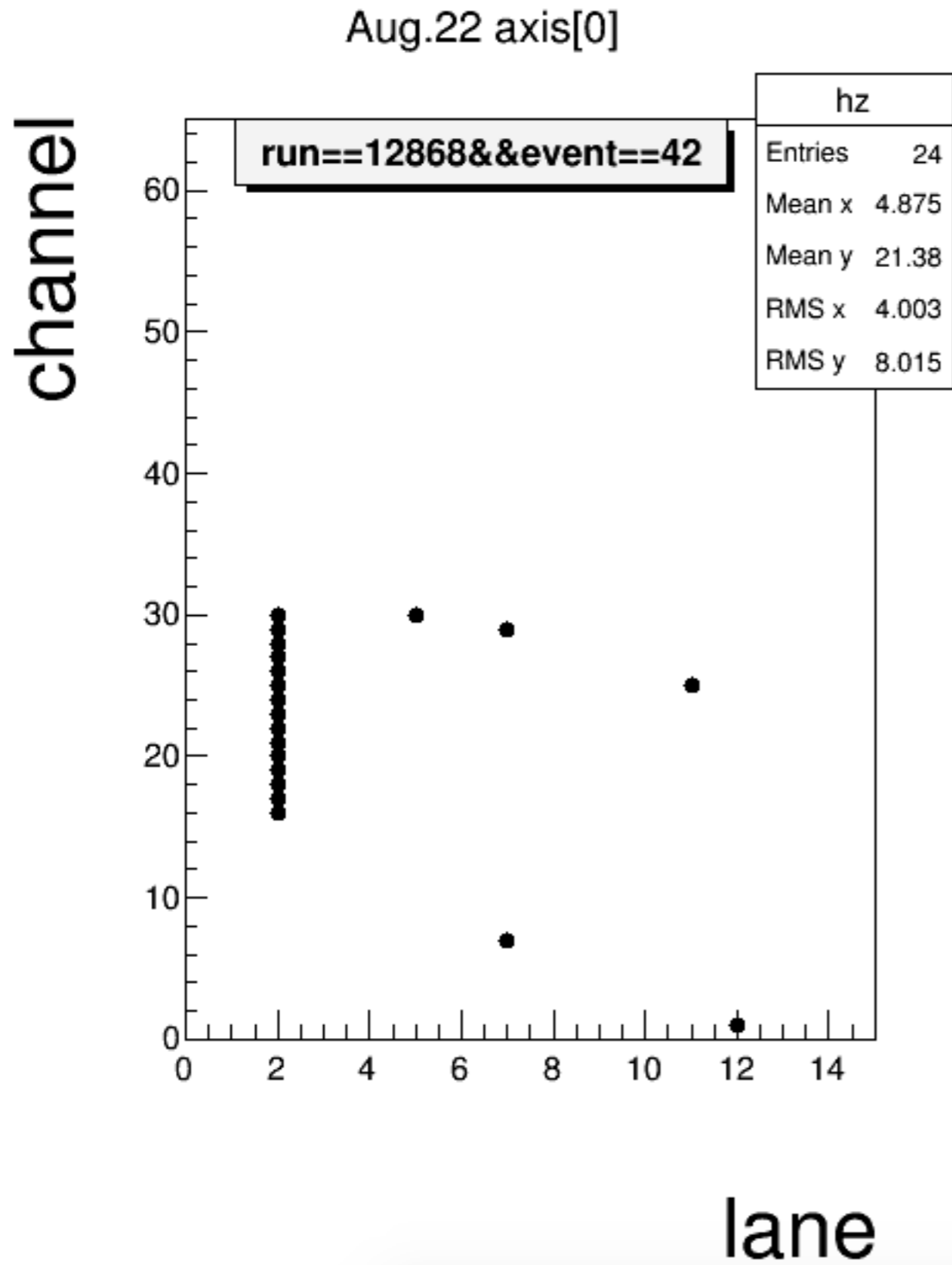


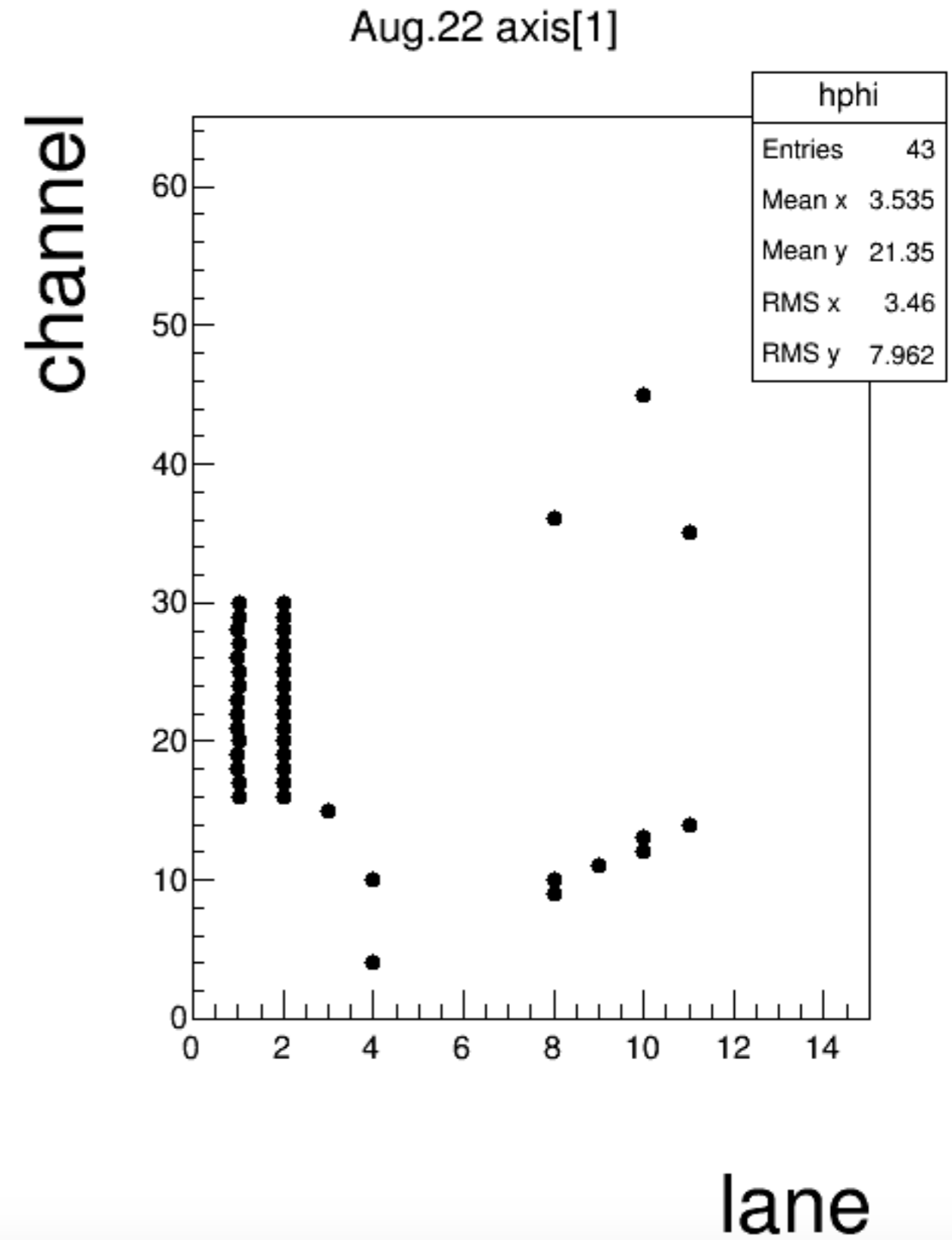
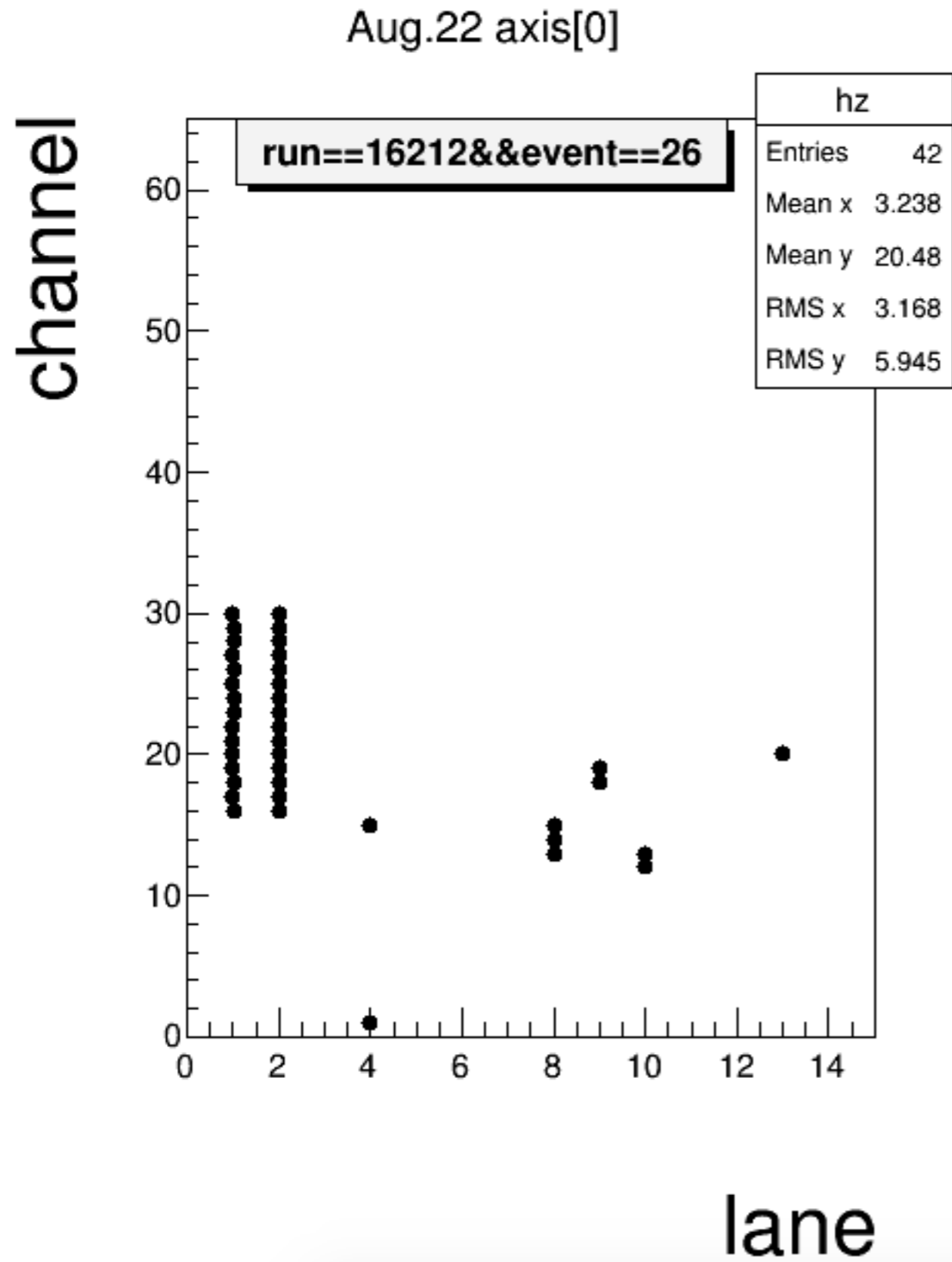




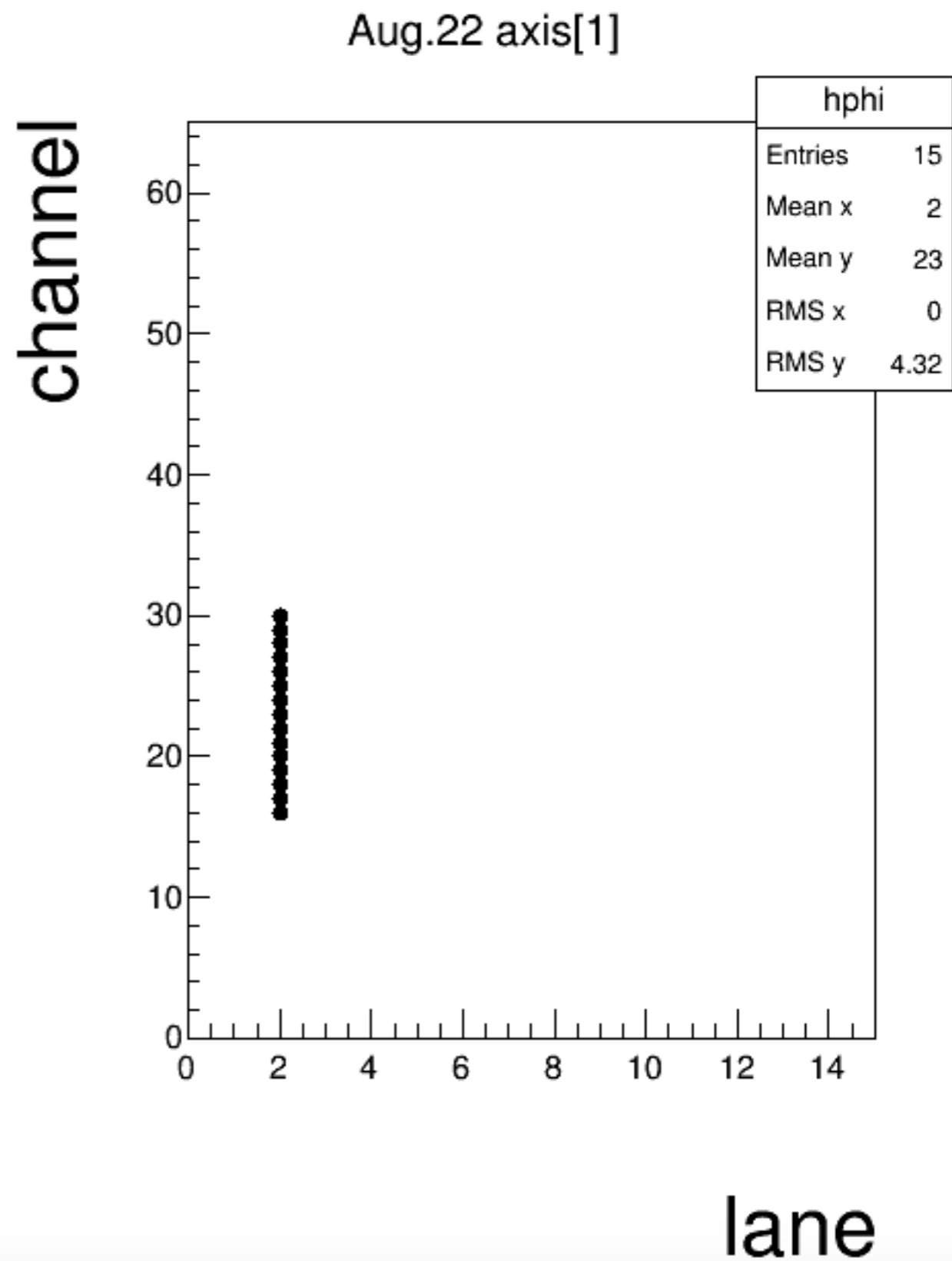
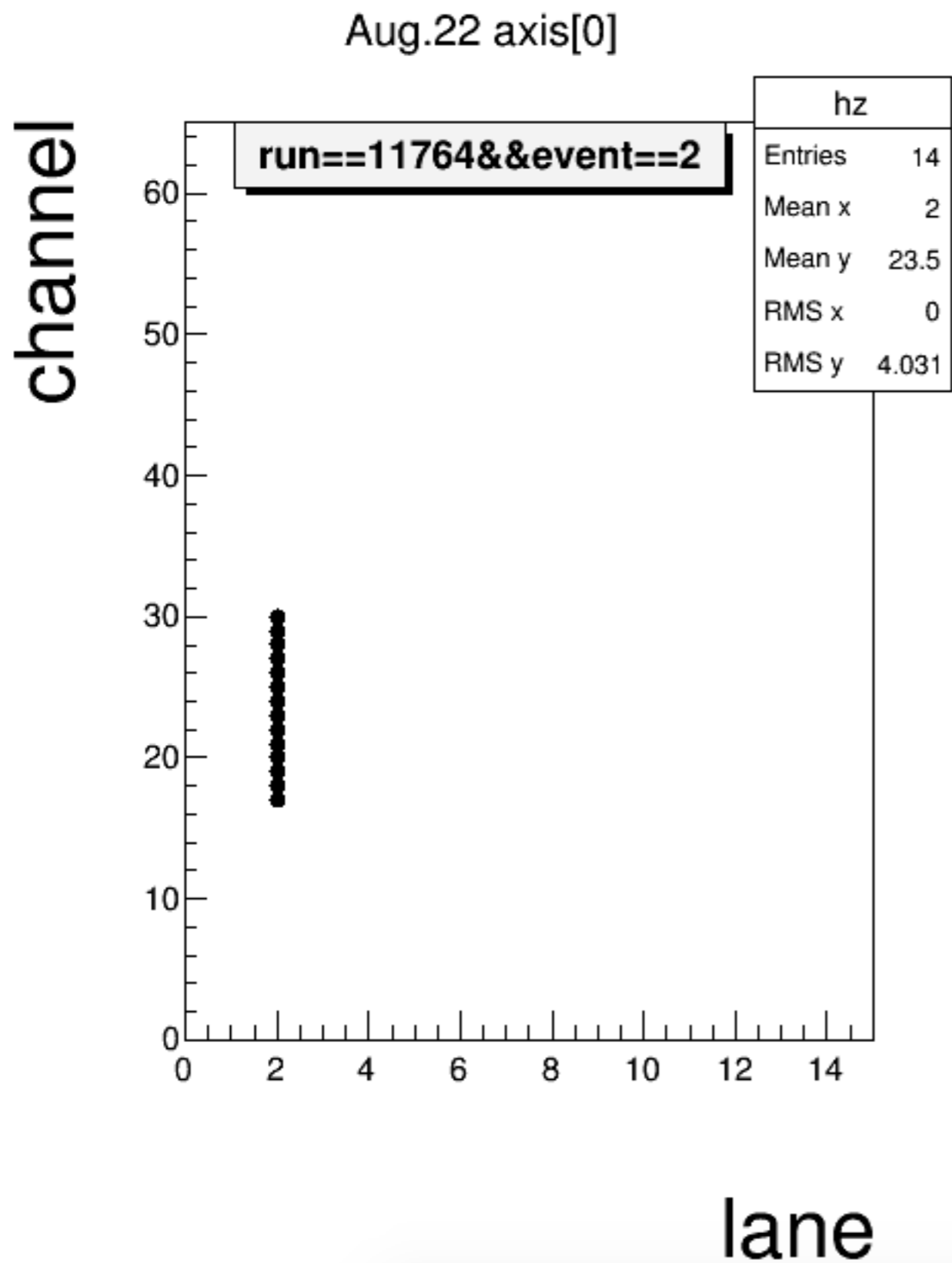






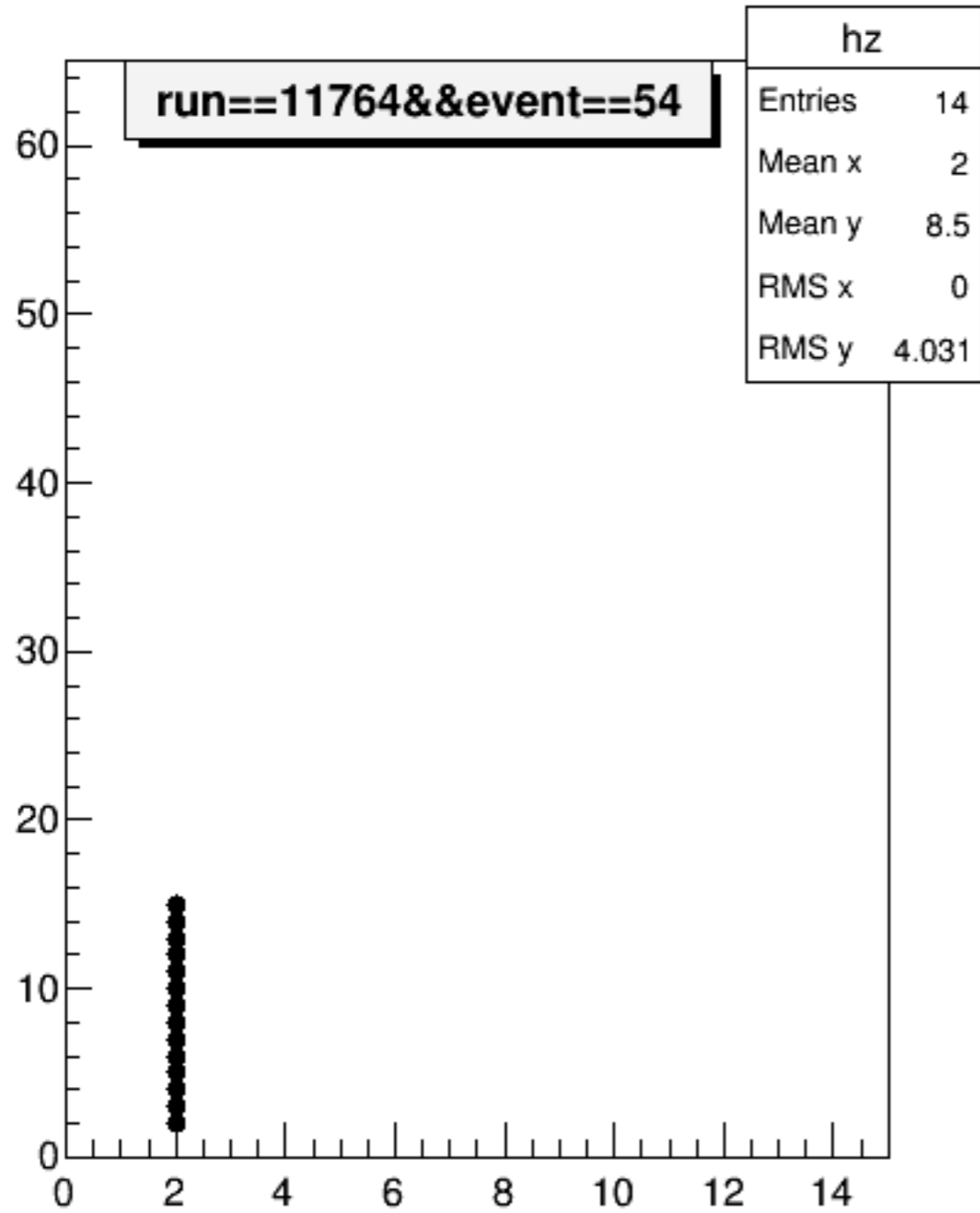


Events with ≥ 5 2DHits, but no track



channel

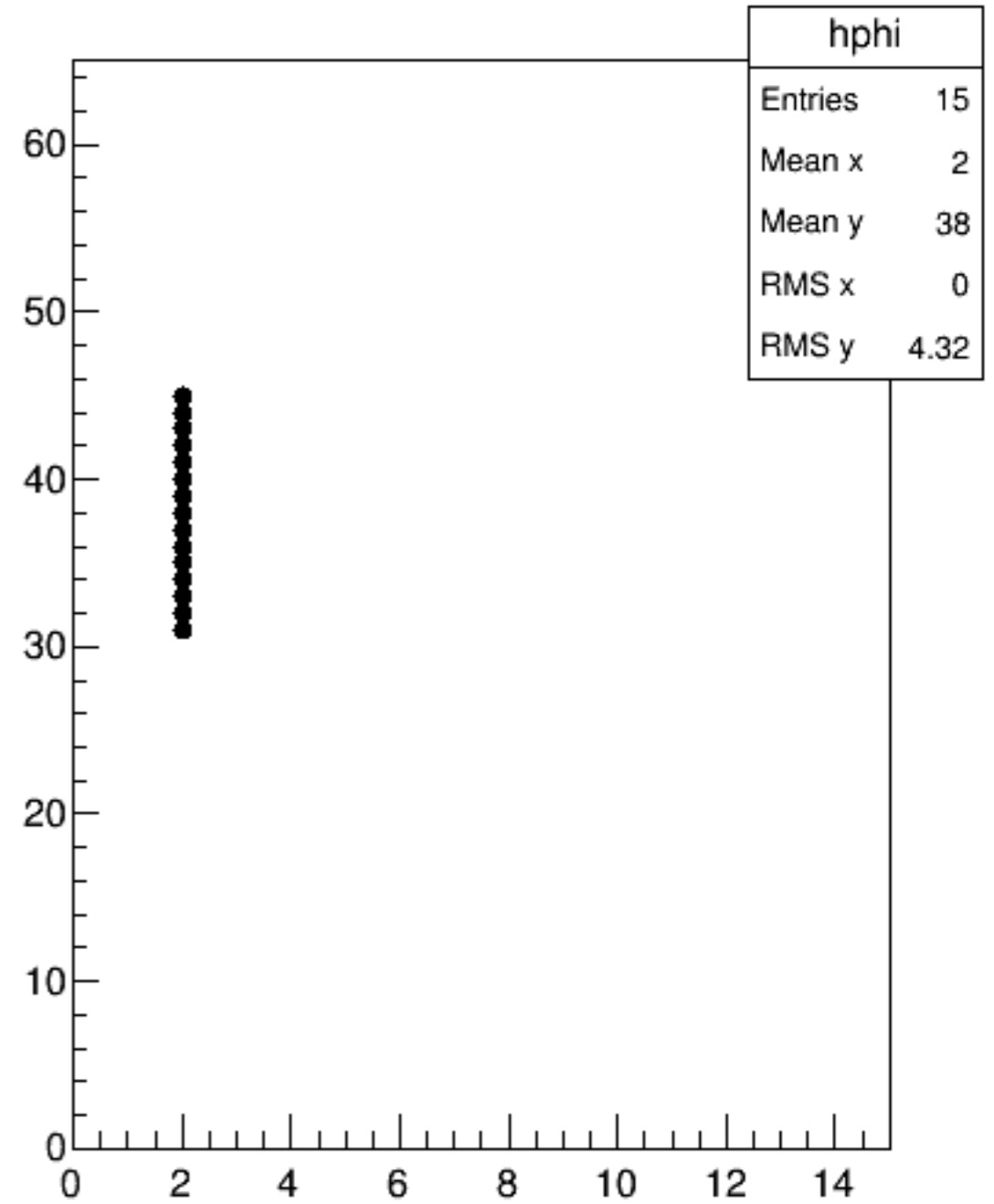
Aug.22 axis[0]



lane

channel

Aug.22 axis[1]



lane

