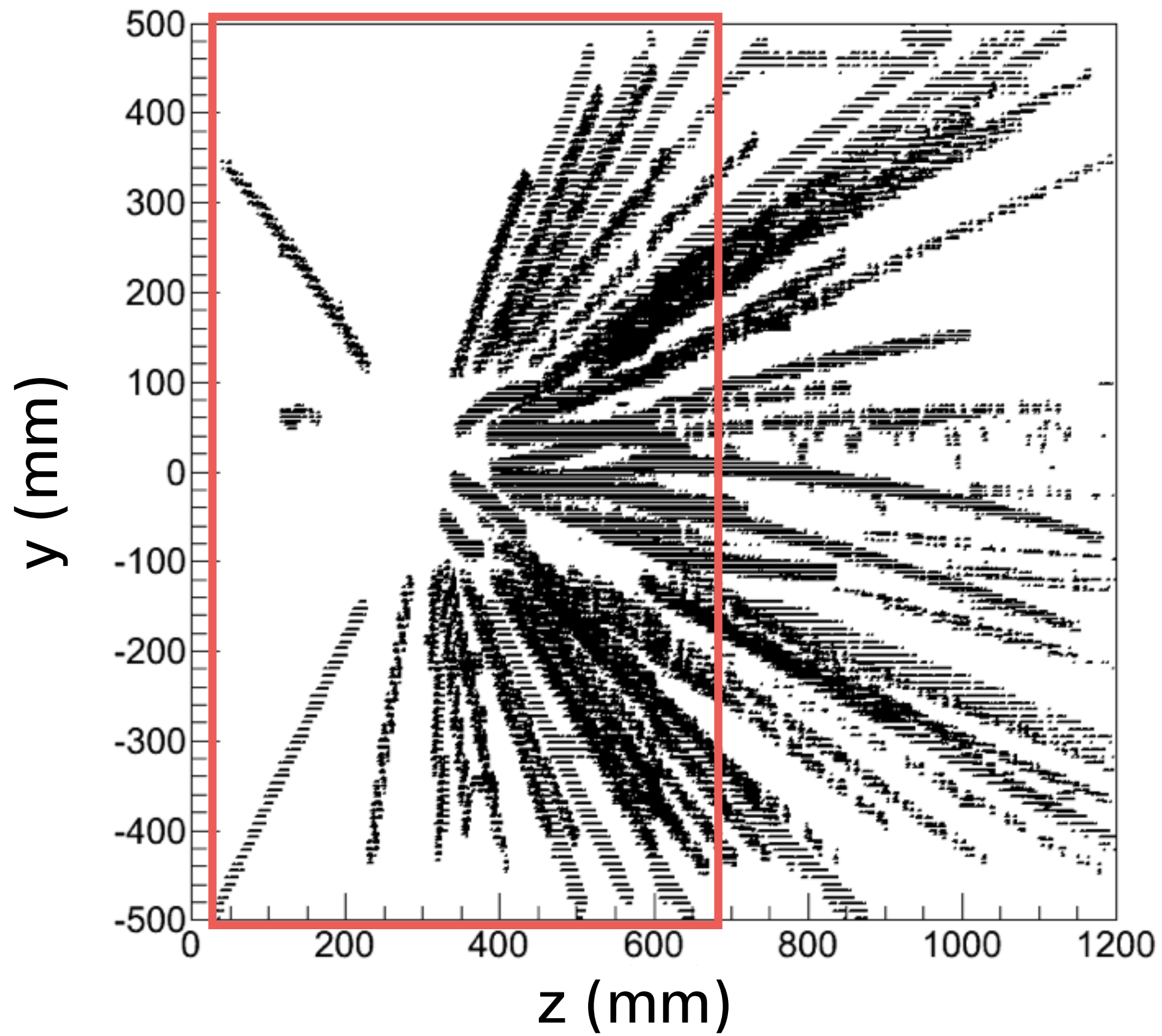
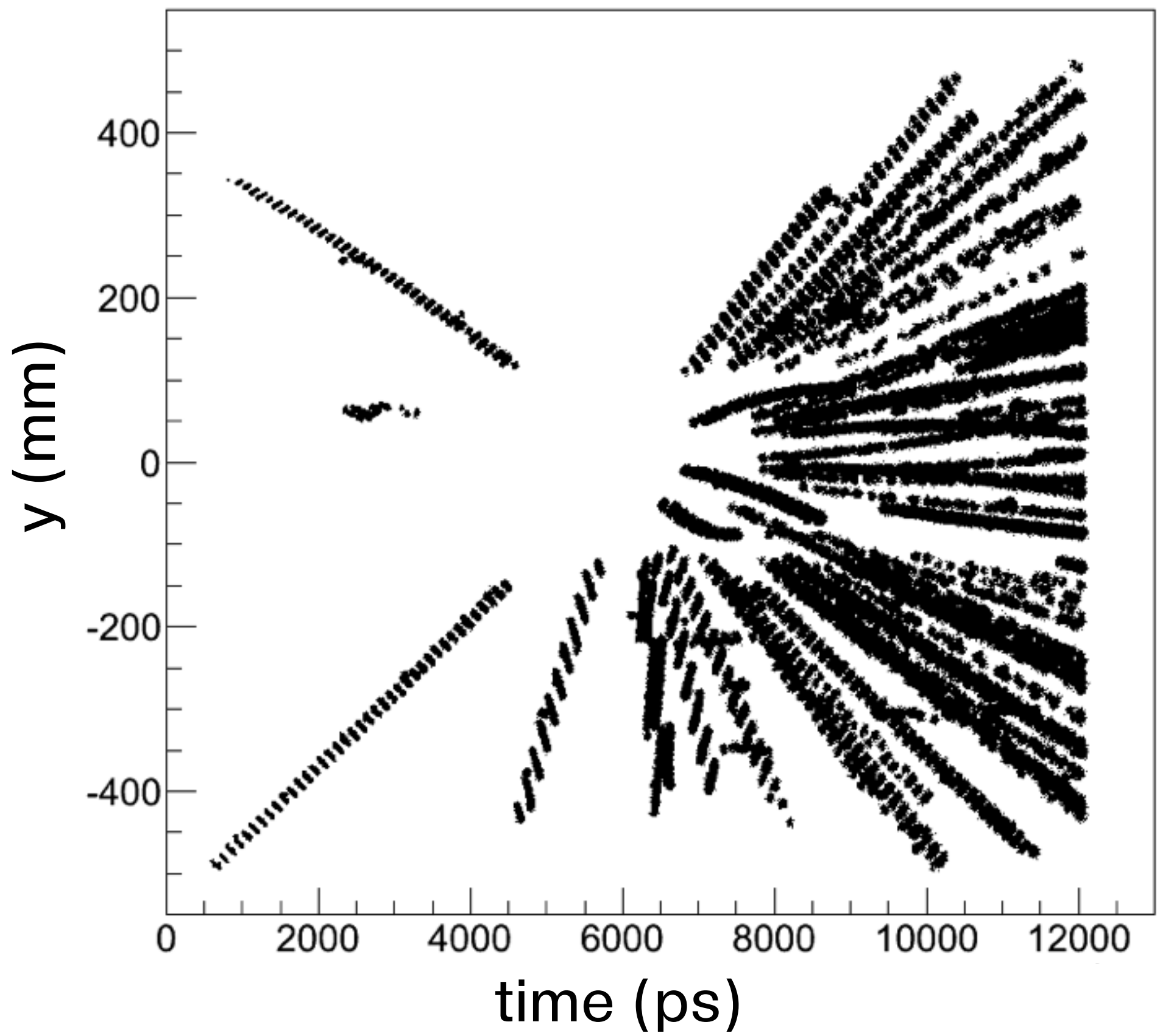
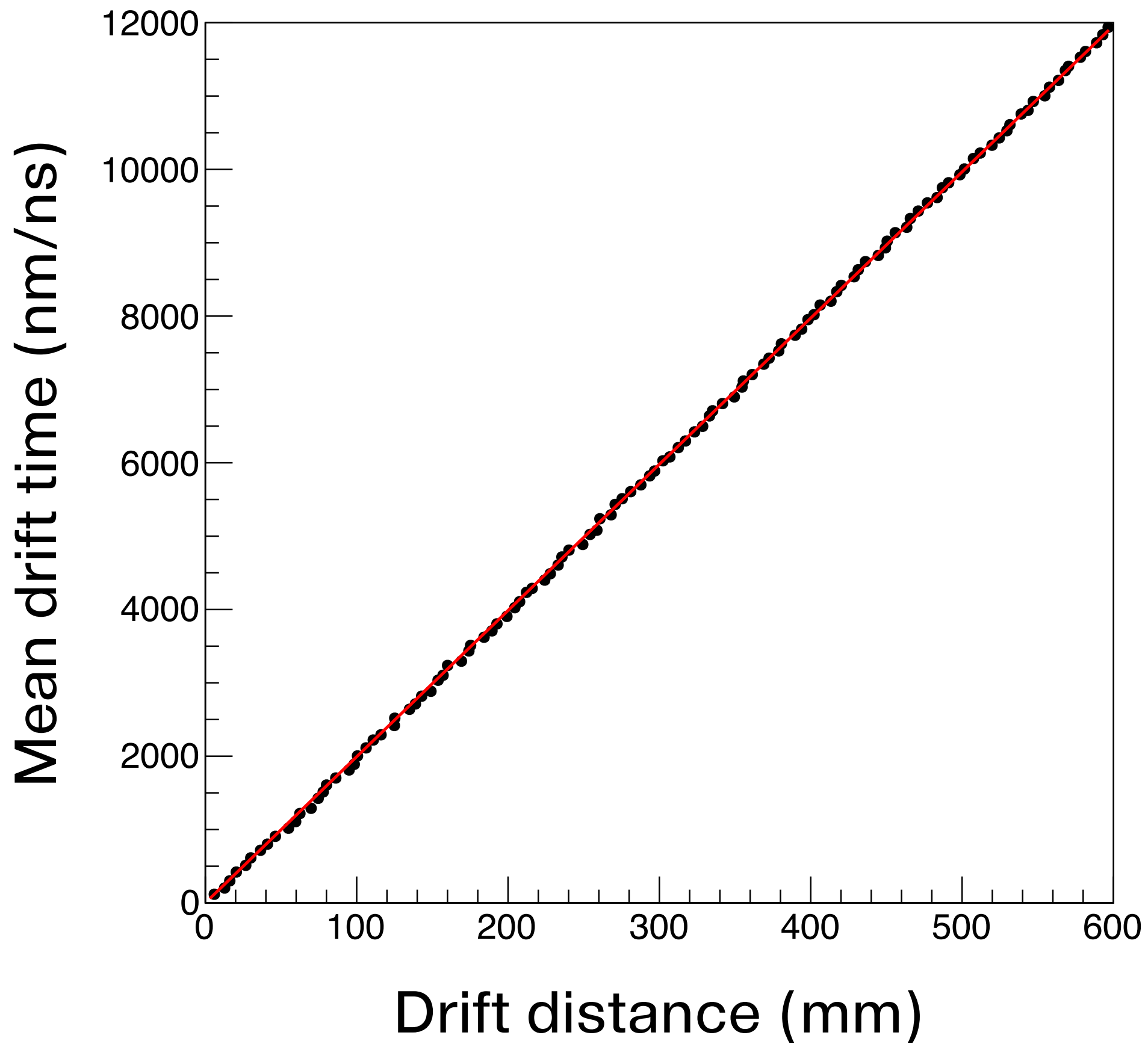


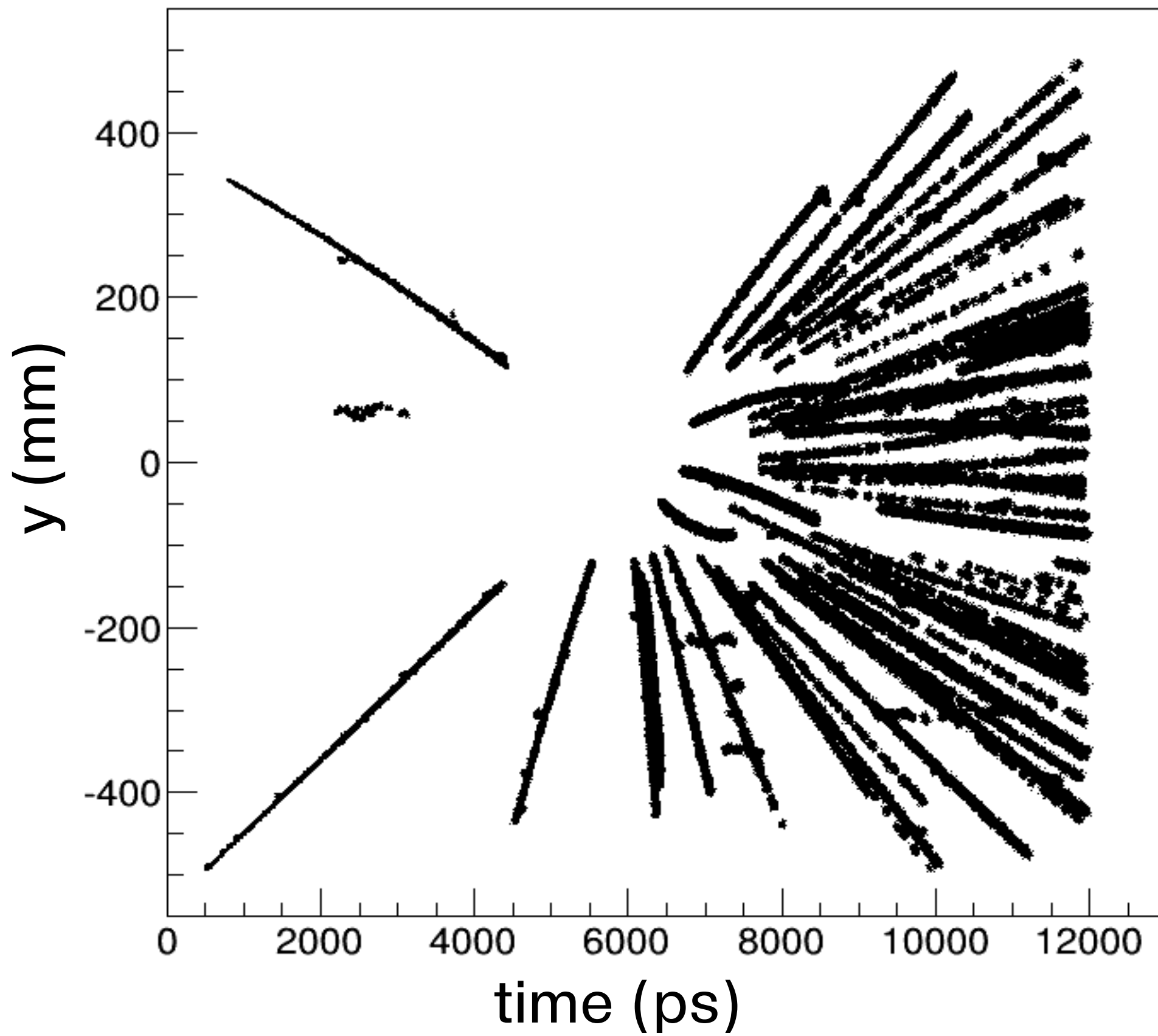
# TPC Simulation

Group Meeting 2014. 01. 17. 이정우

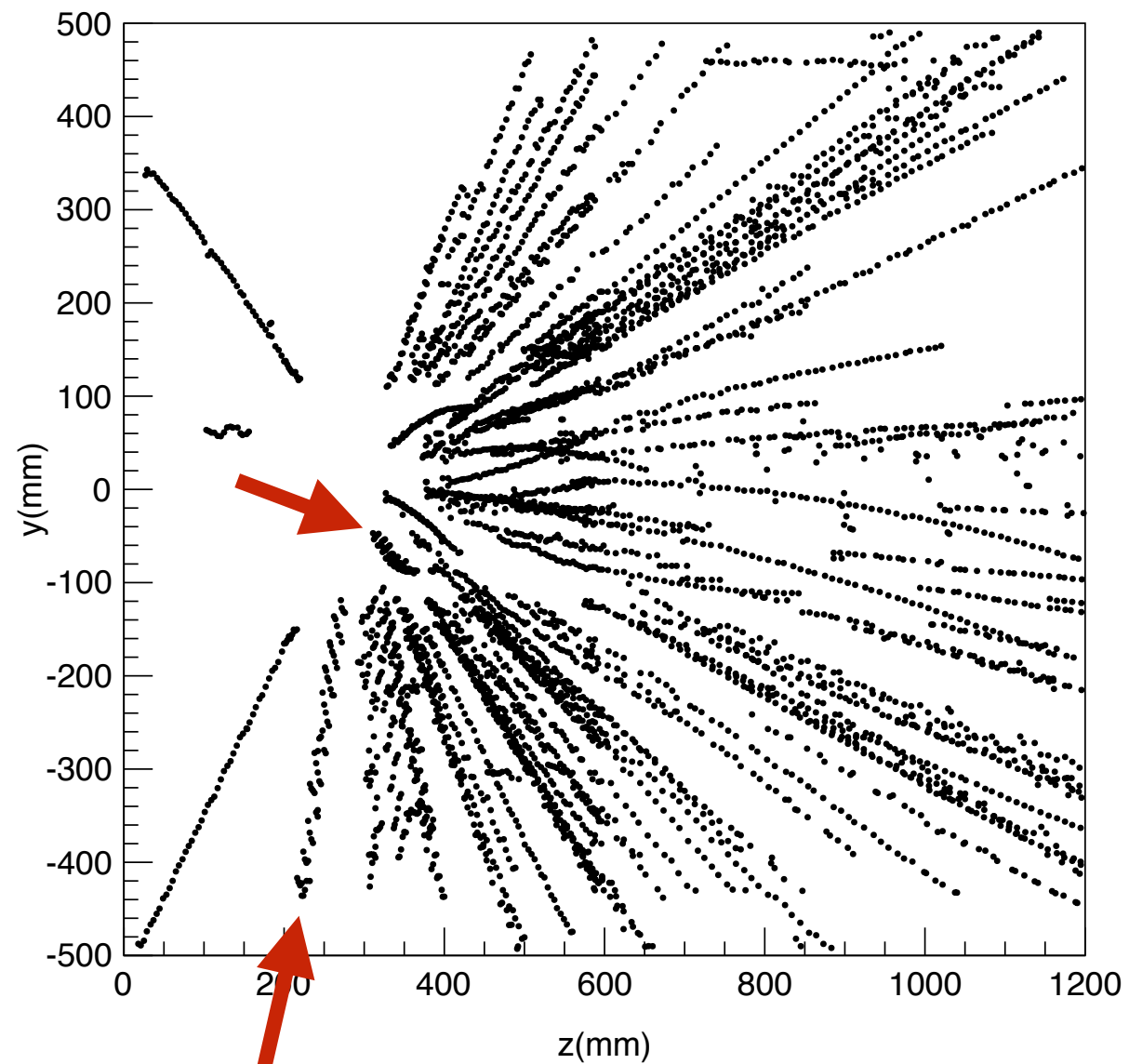




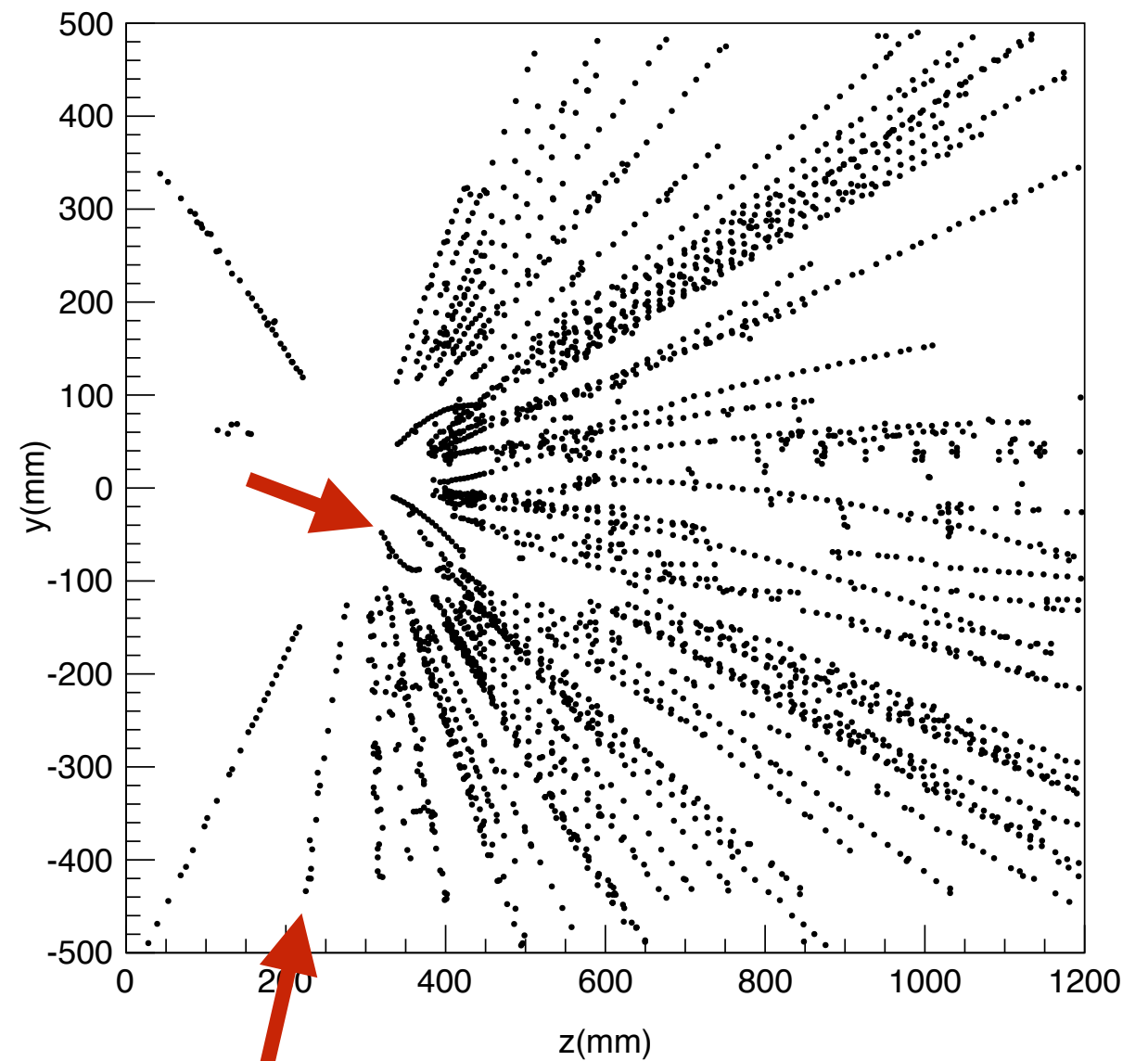




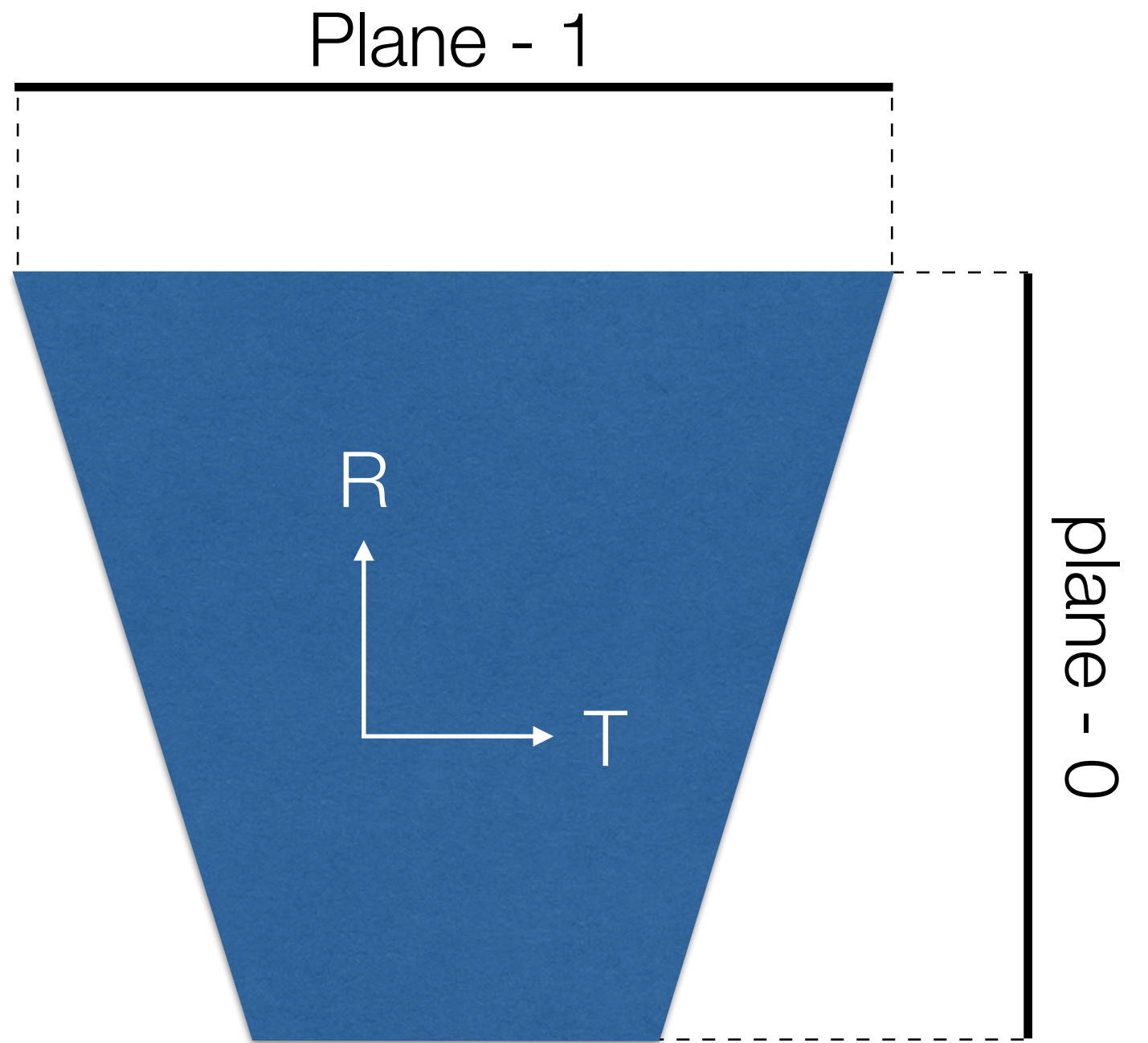
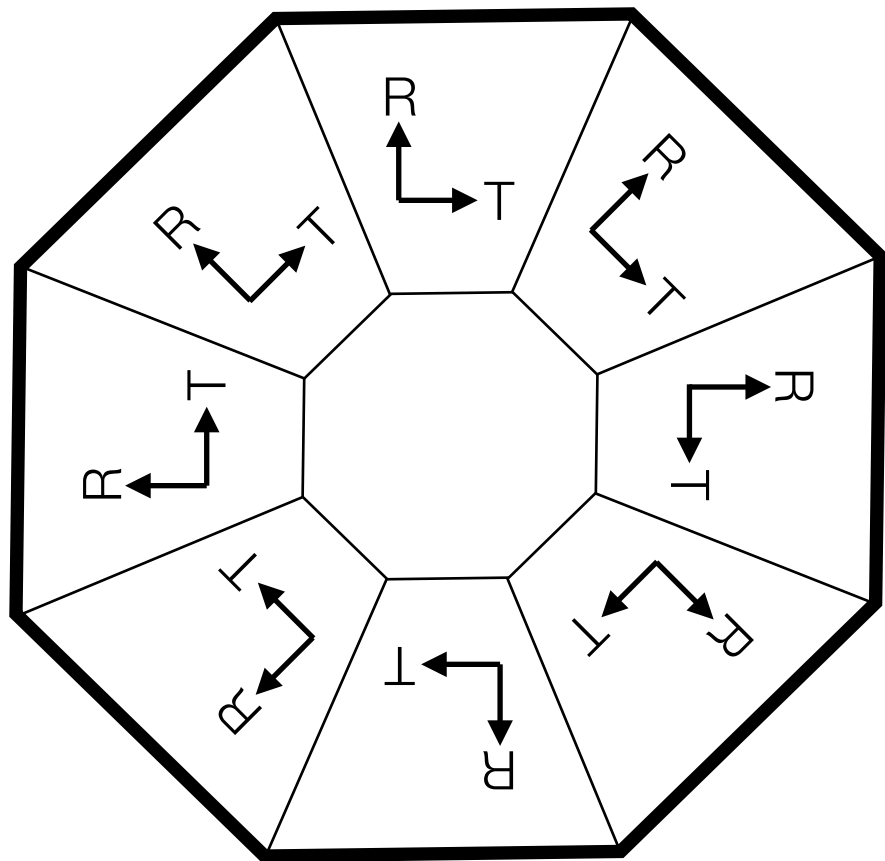
# Clustered data



Before

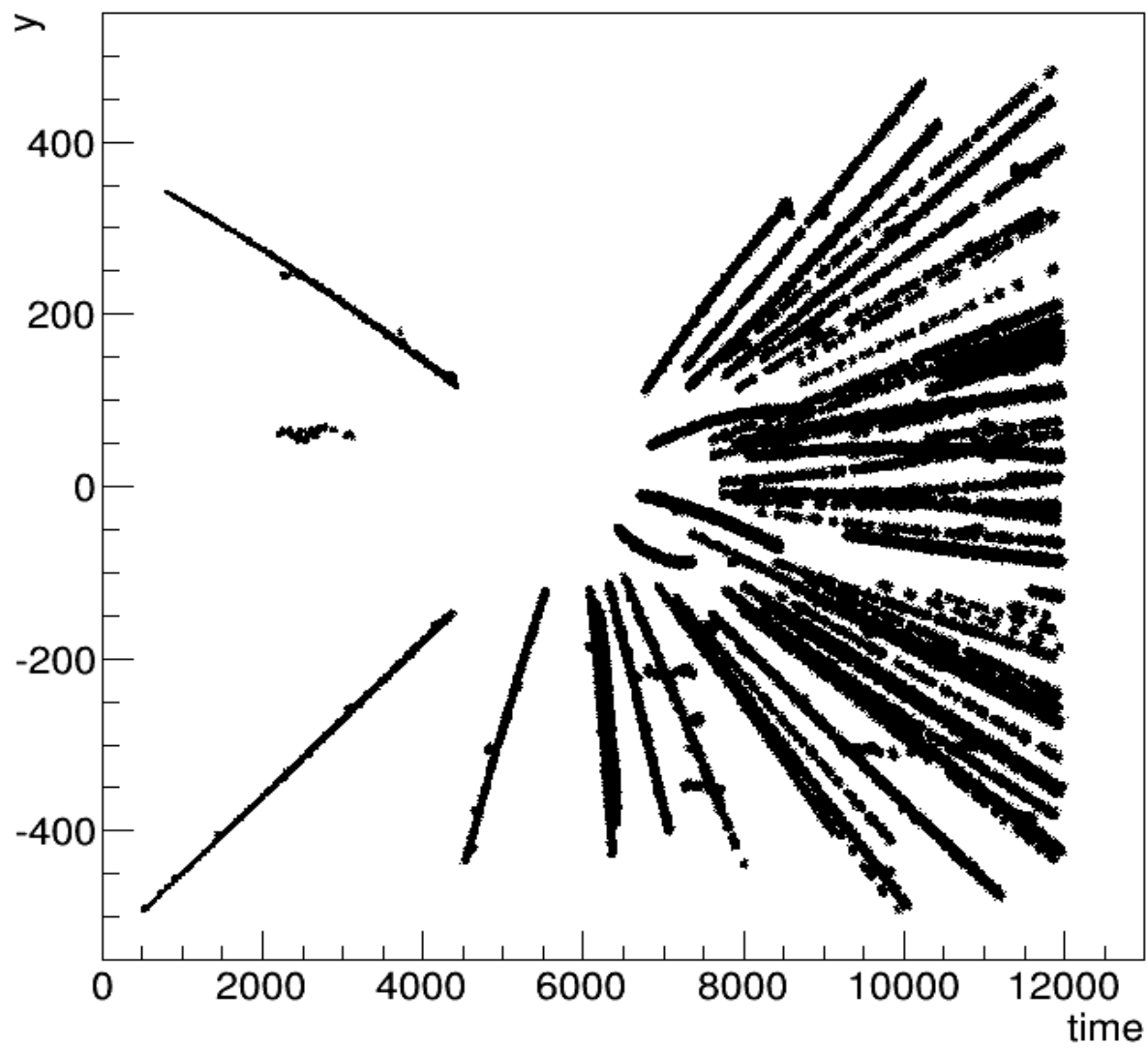


After

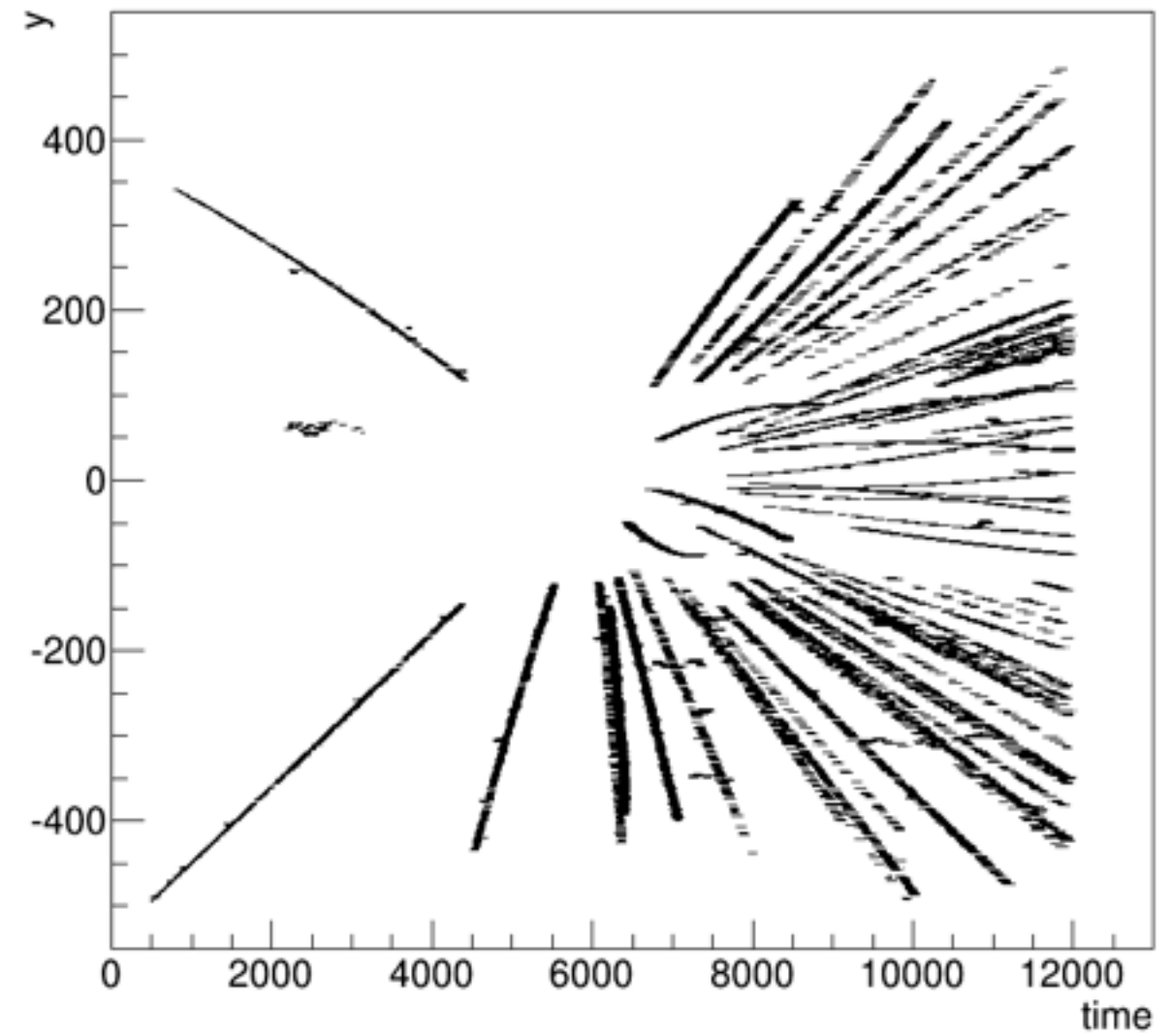




# Digitized data



diffusion

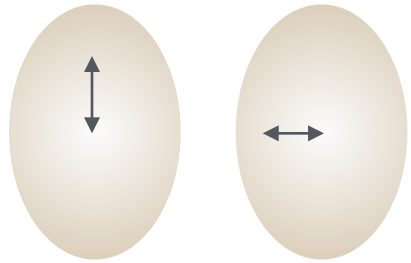


no diffusion



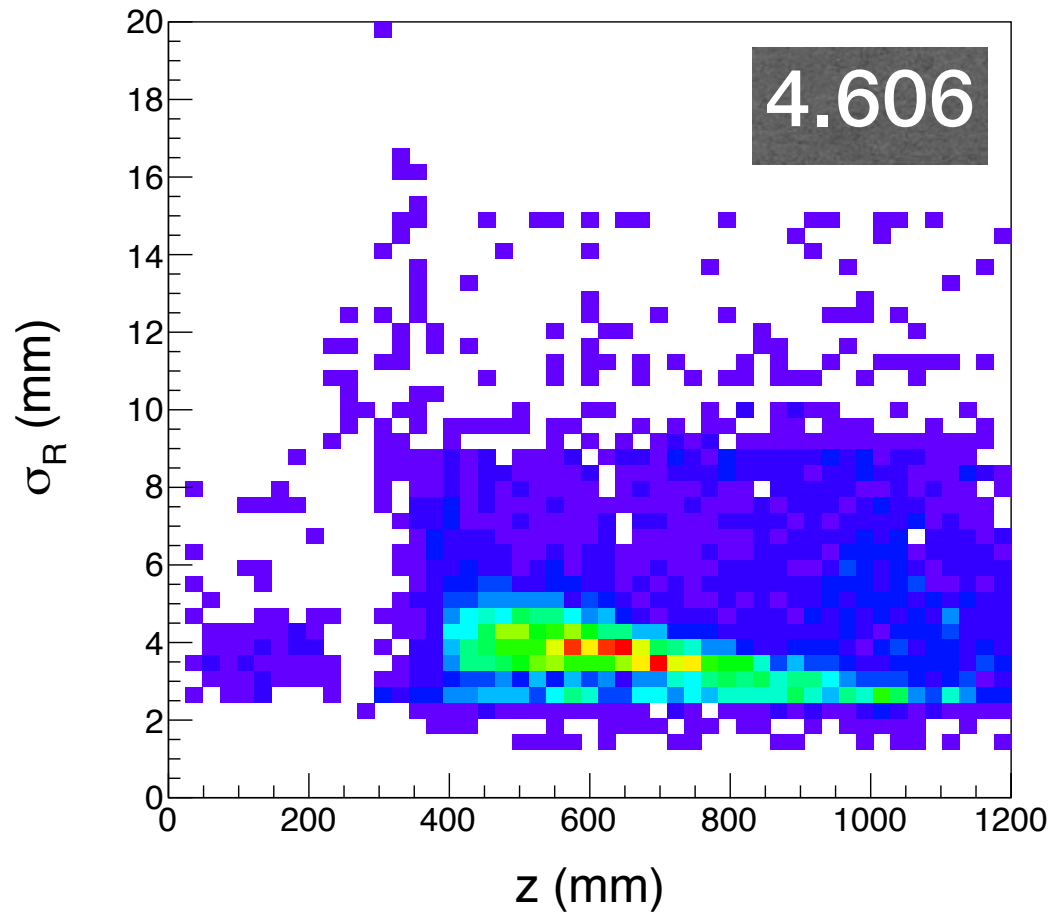
z-bin size  
5 mm

normal

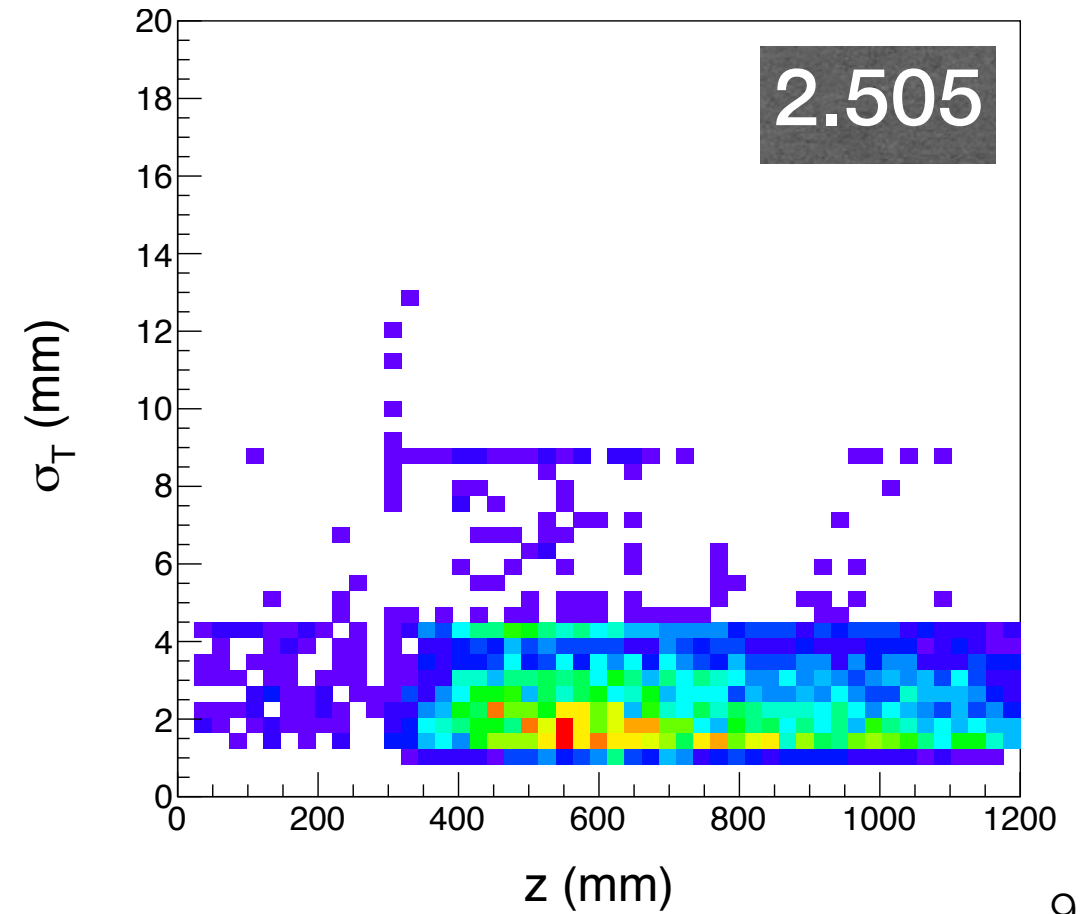
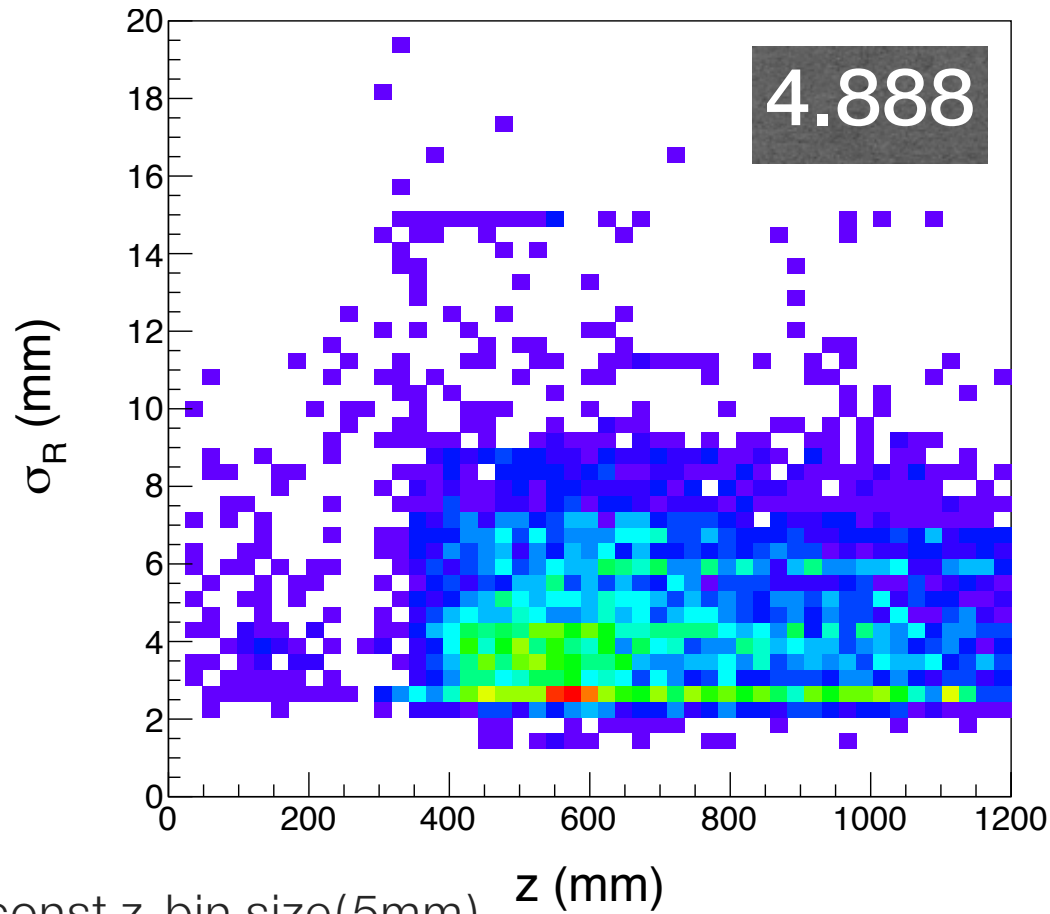
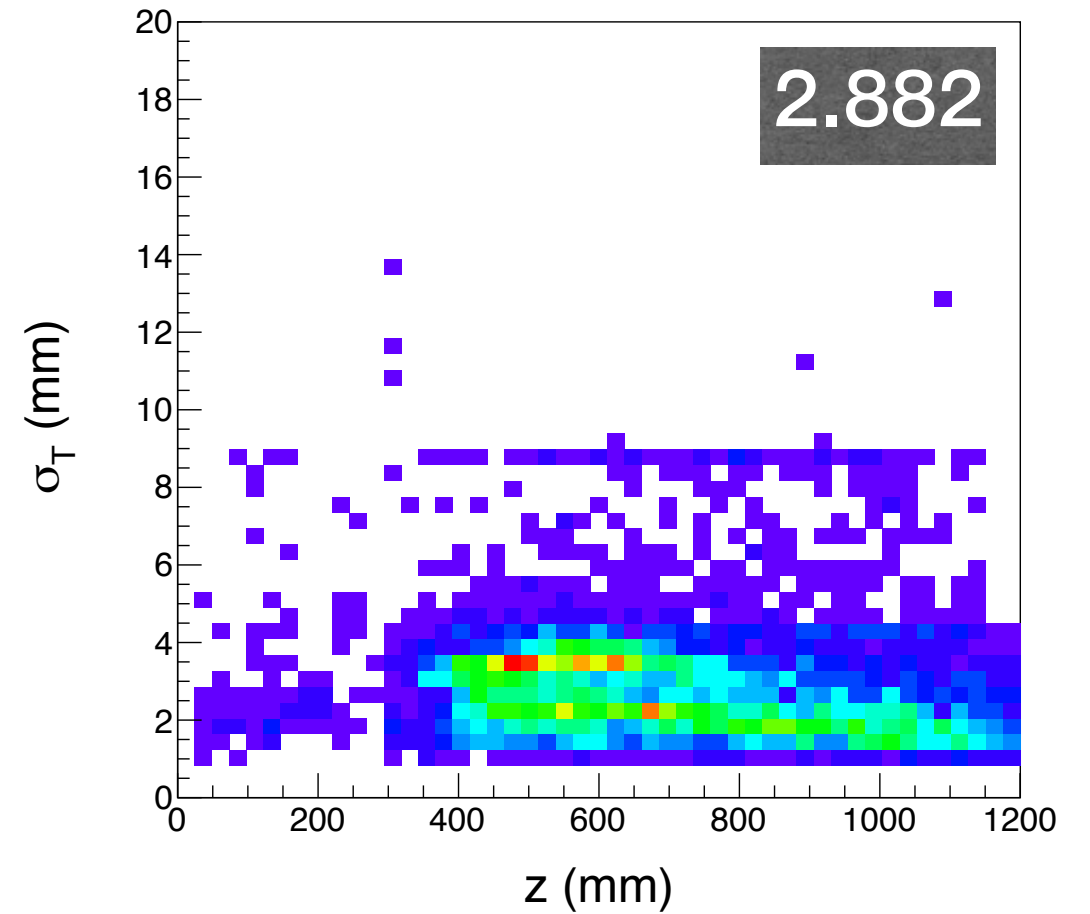


no  
diffusion

Plane - 0

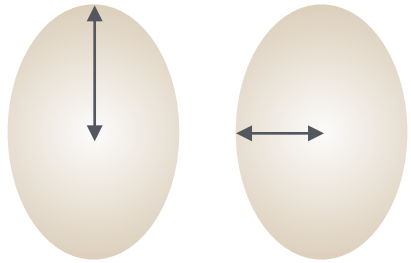


Plane - 1



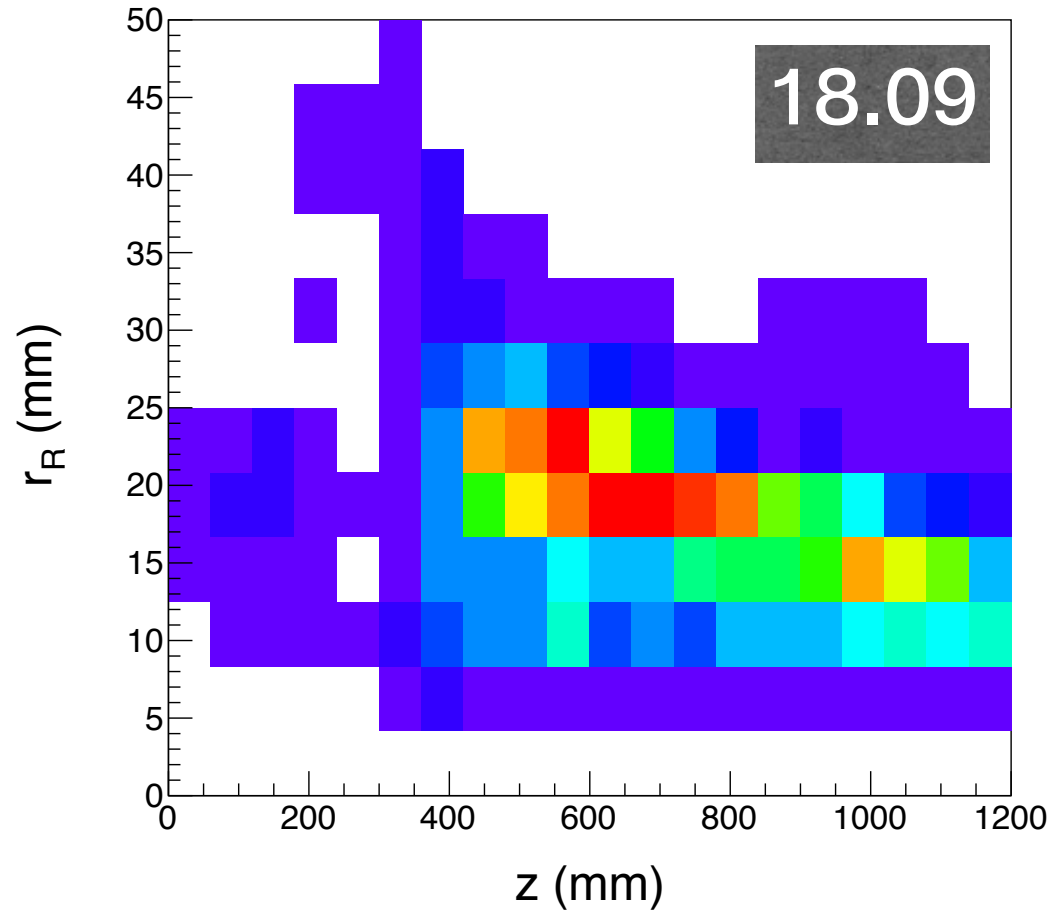
z-bin size  
5 mm

normal

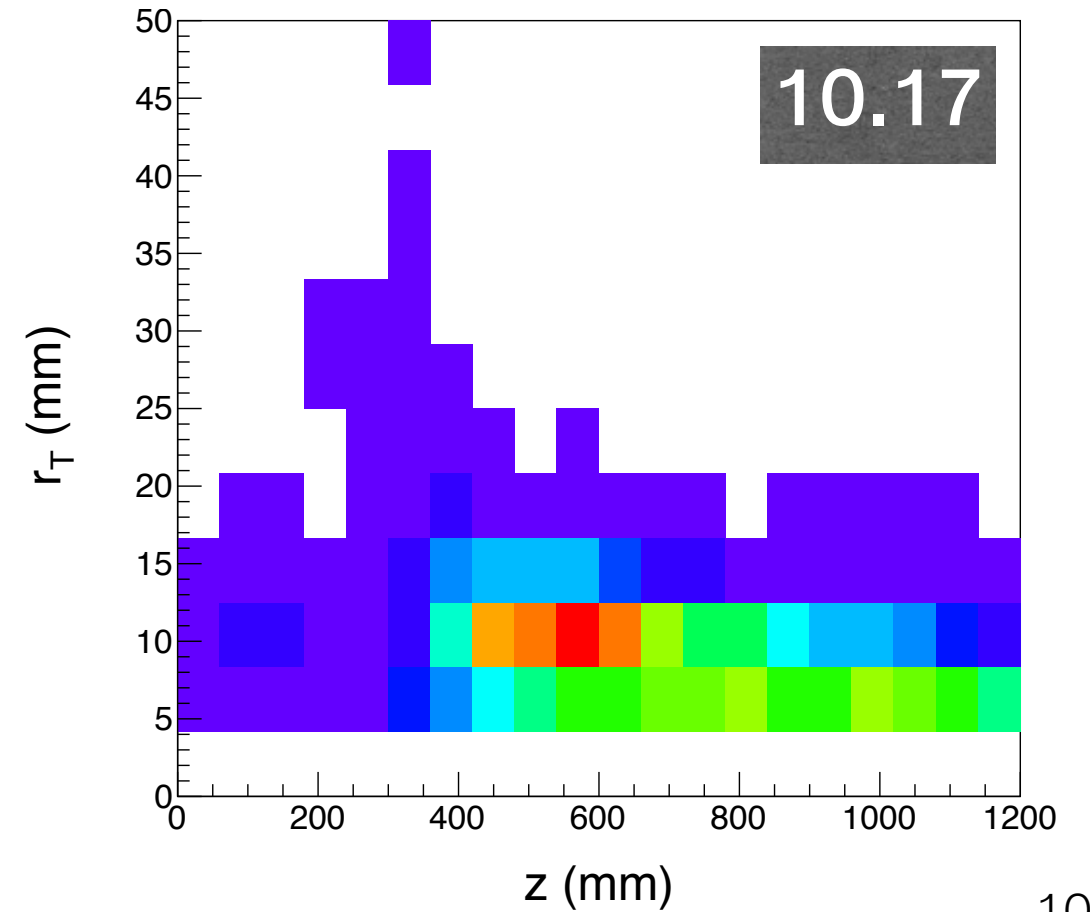
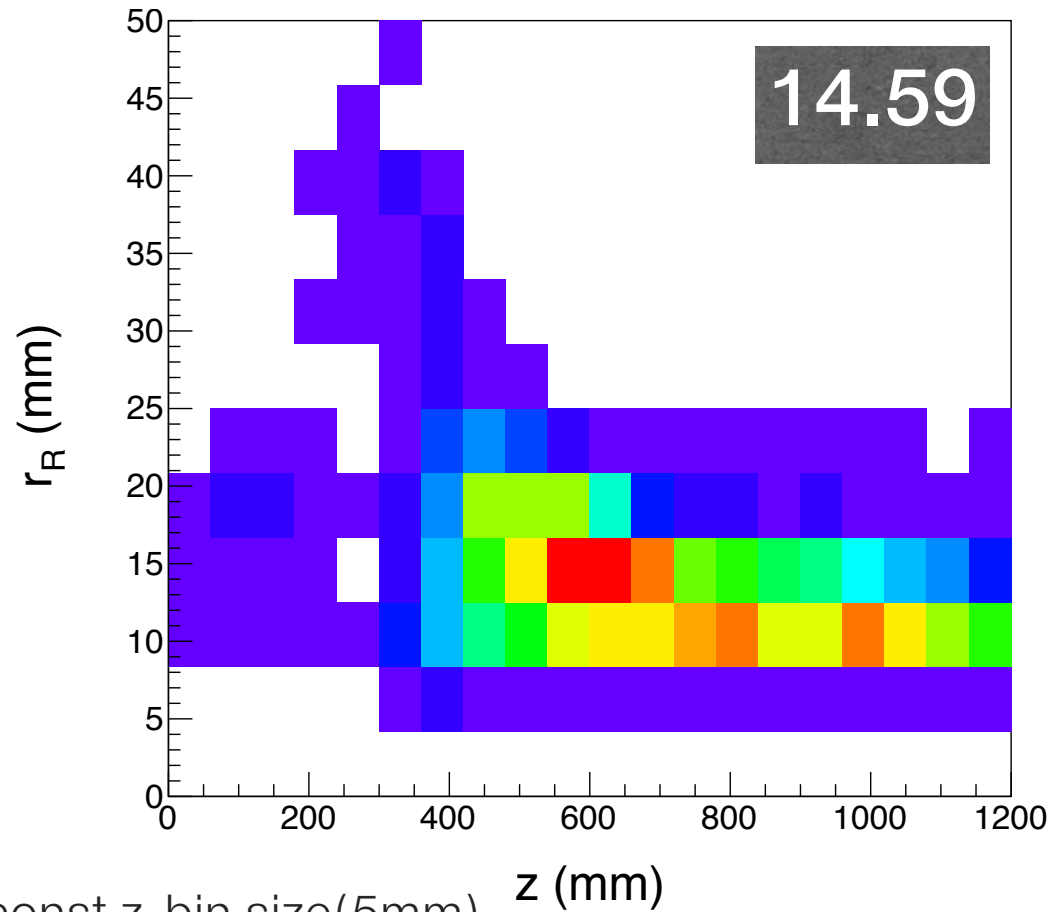
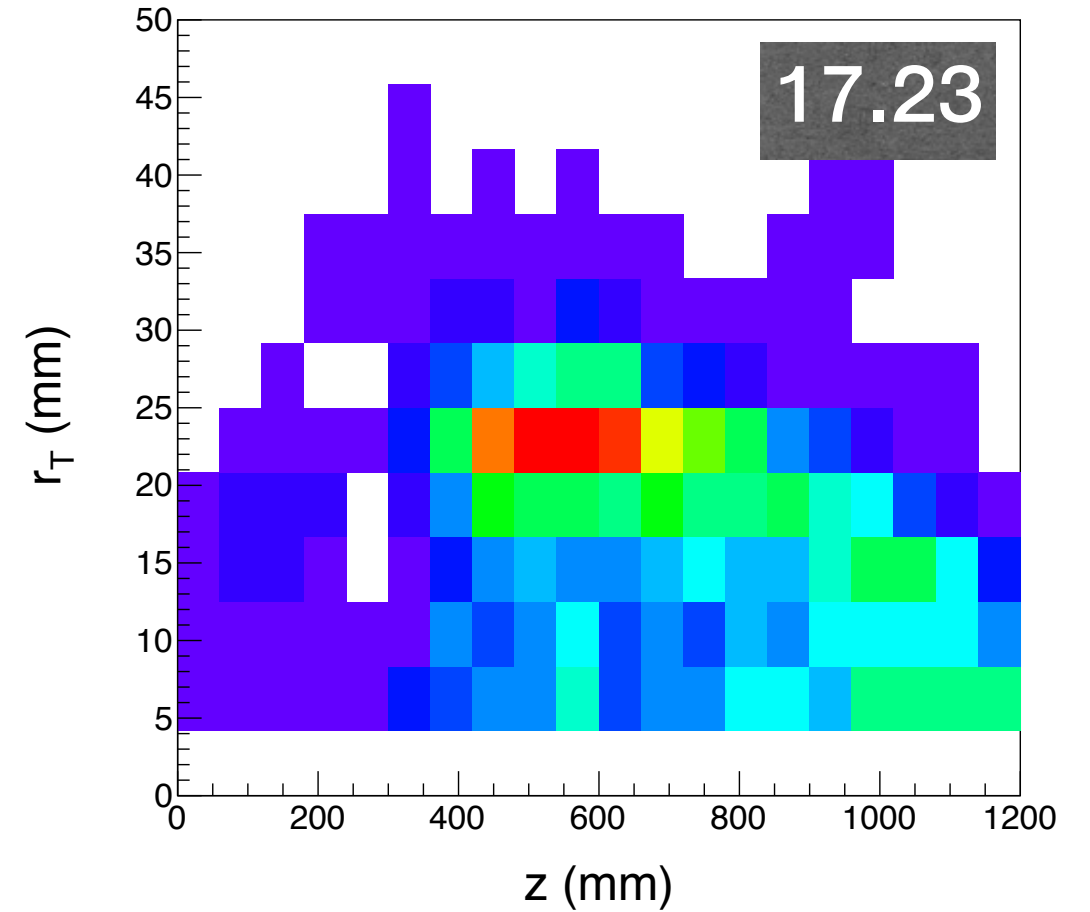


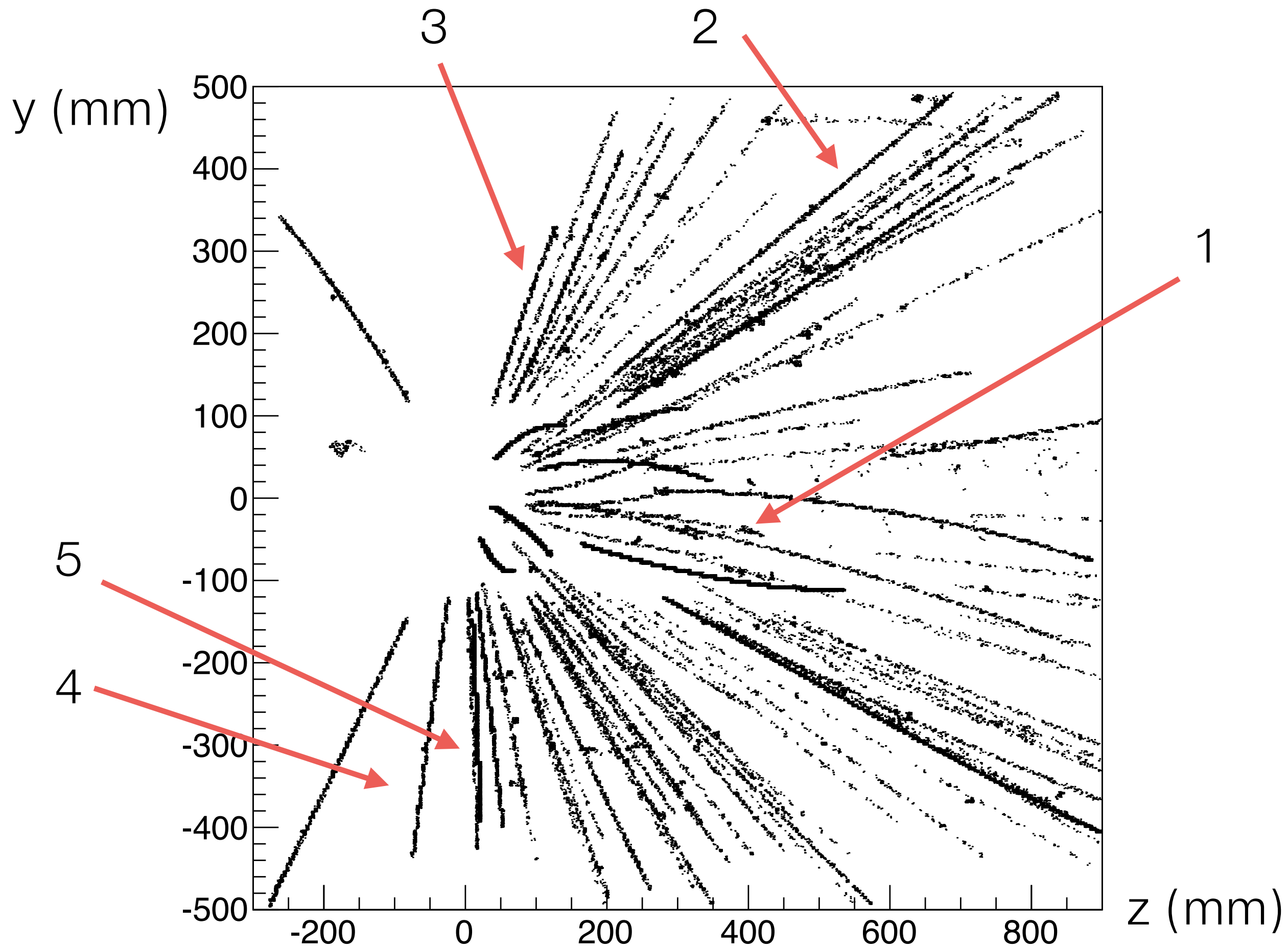
no  
diffusion

## Plane - 0

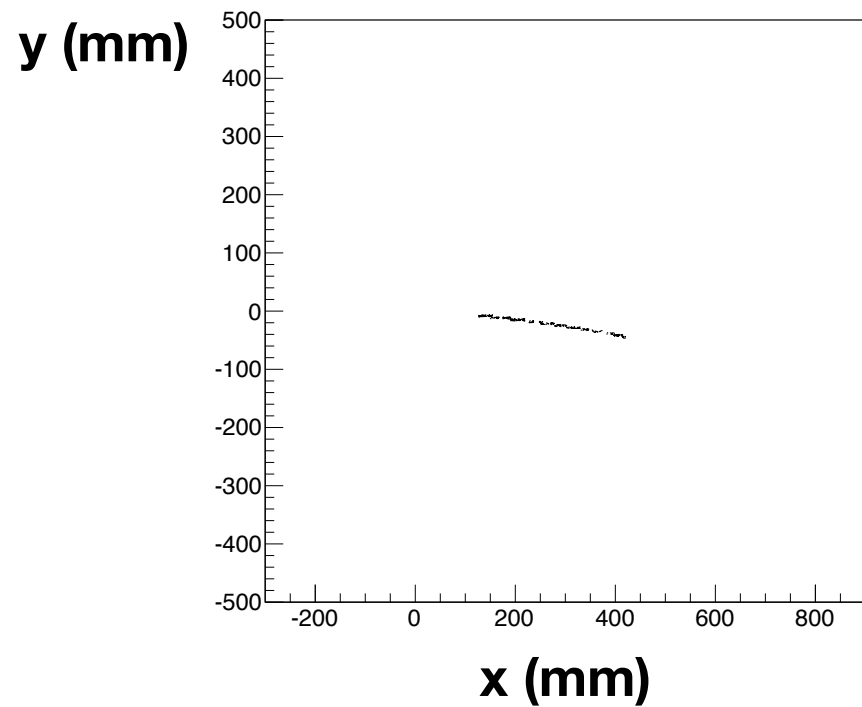


## Plane - 1

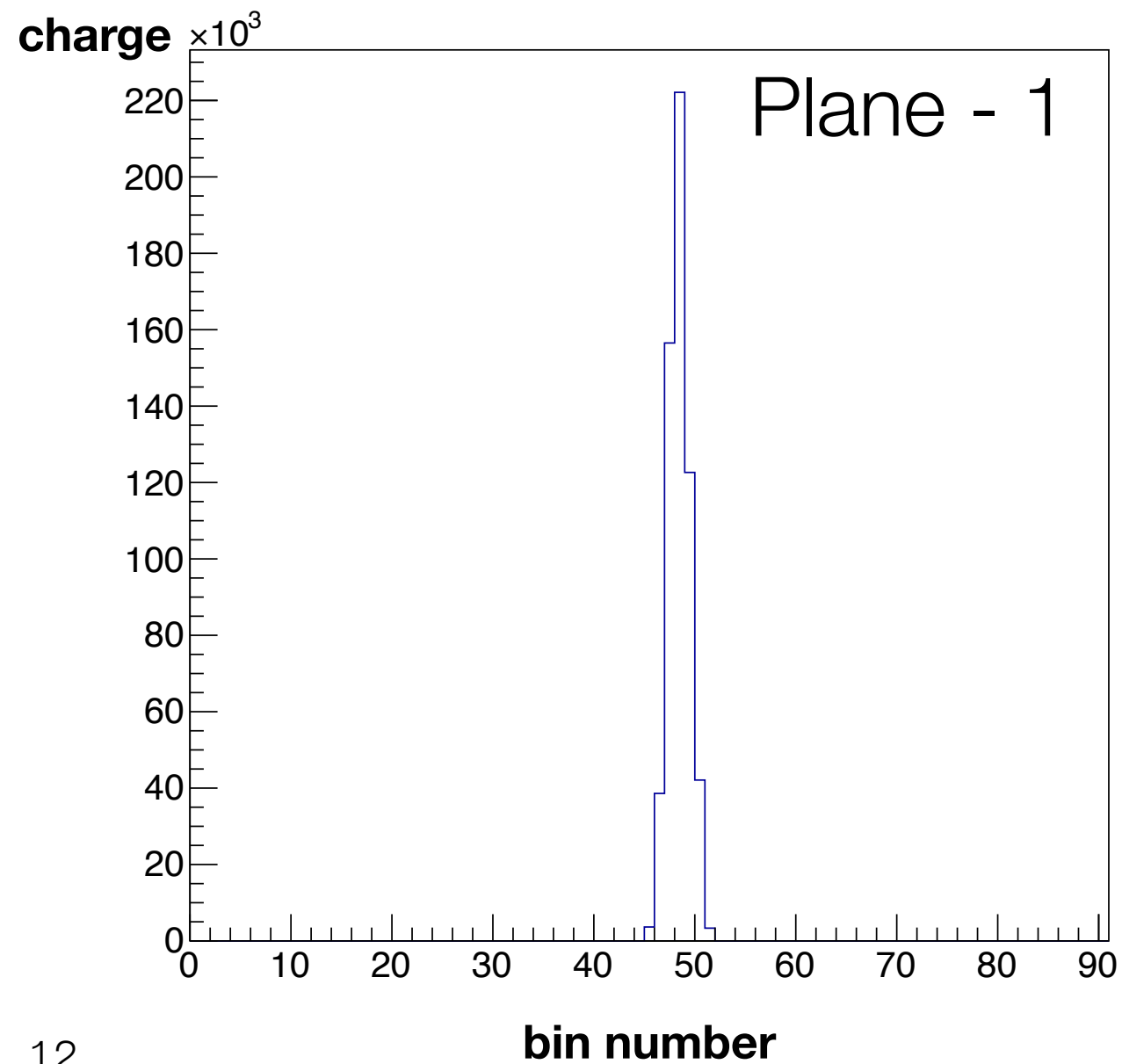
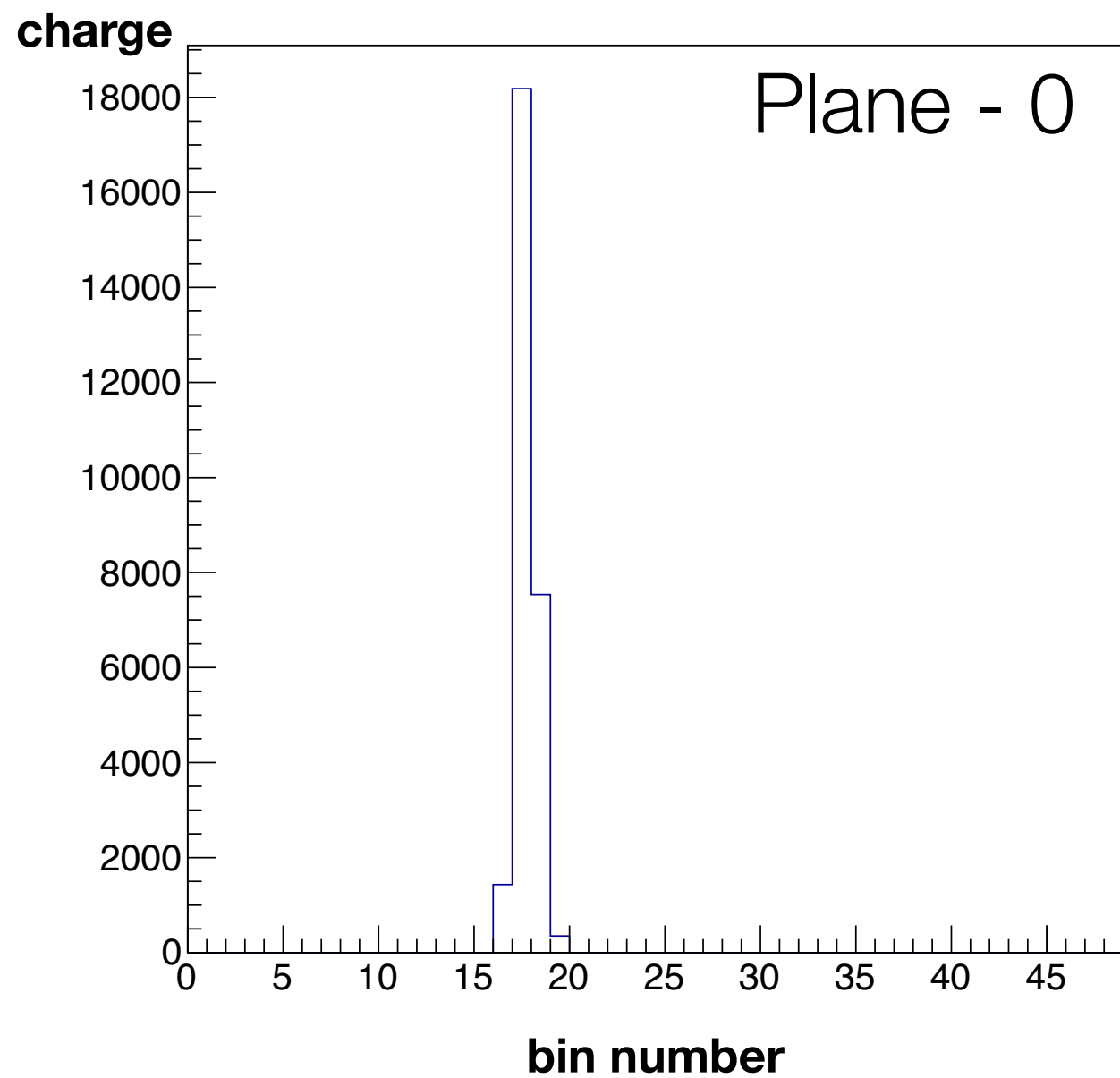




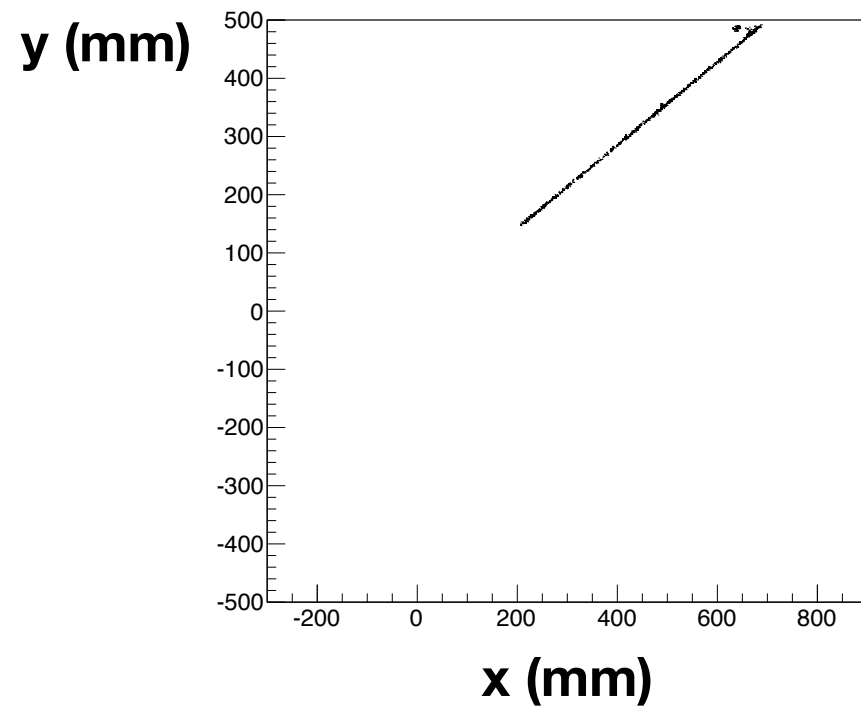
# 1



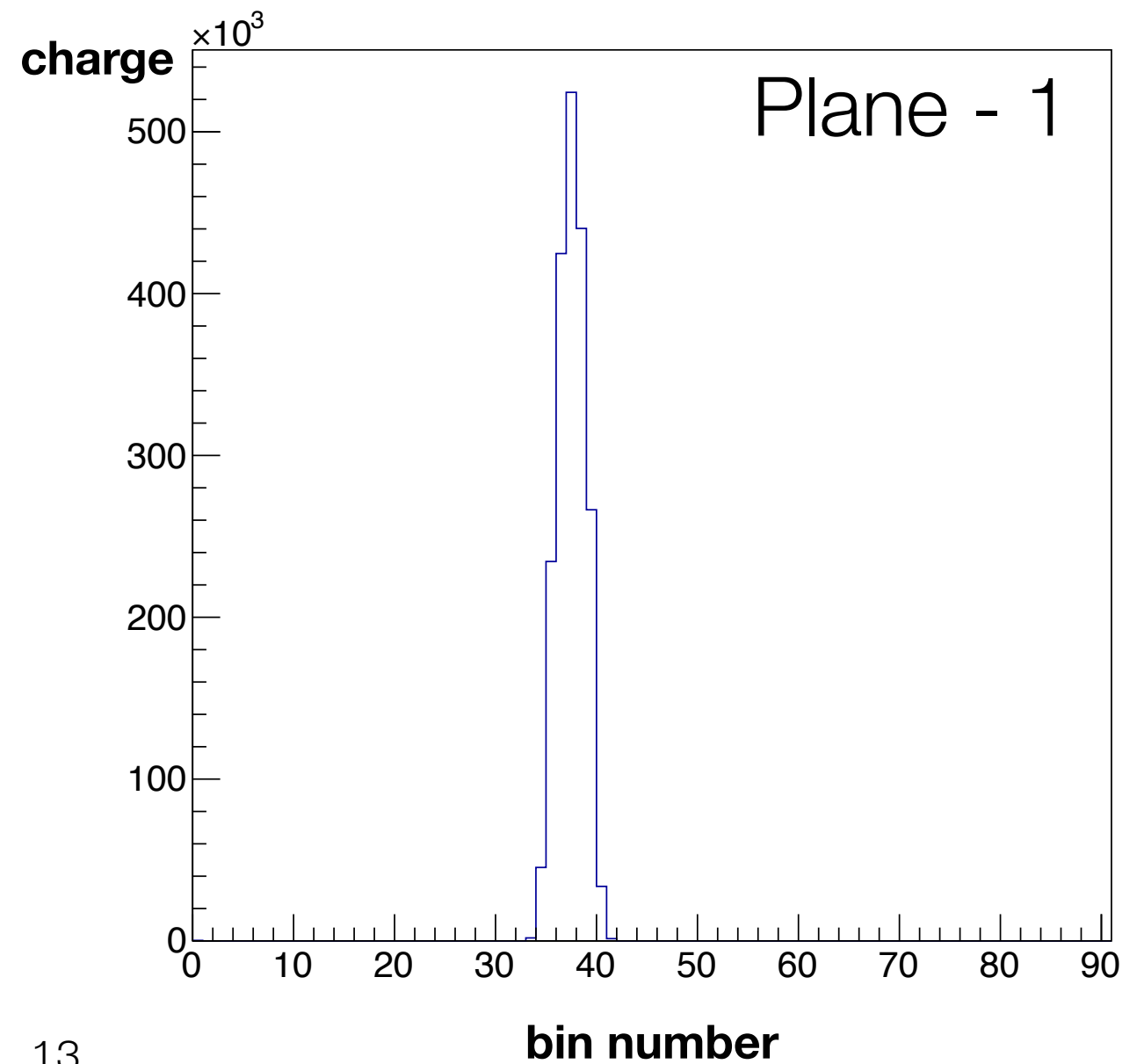
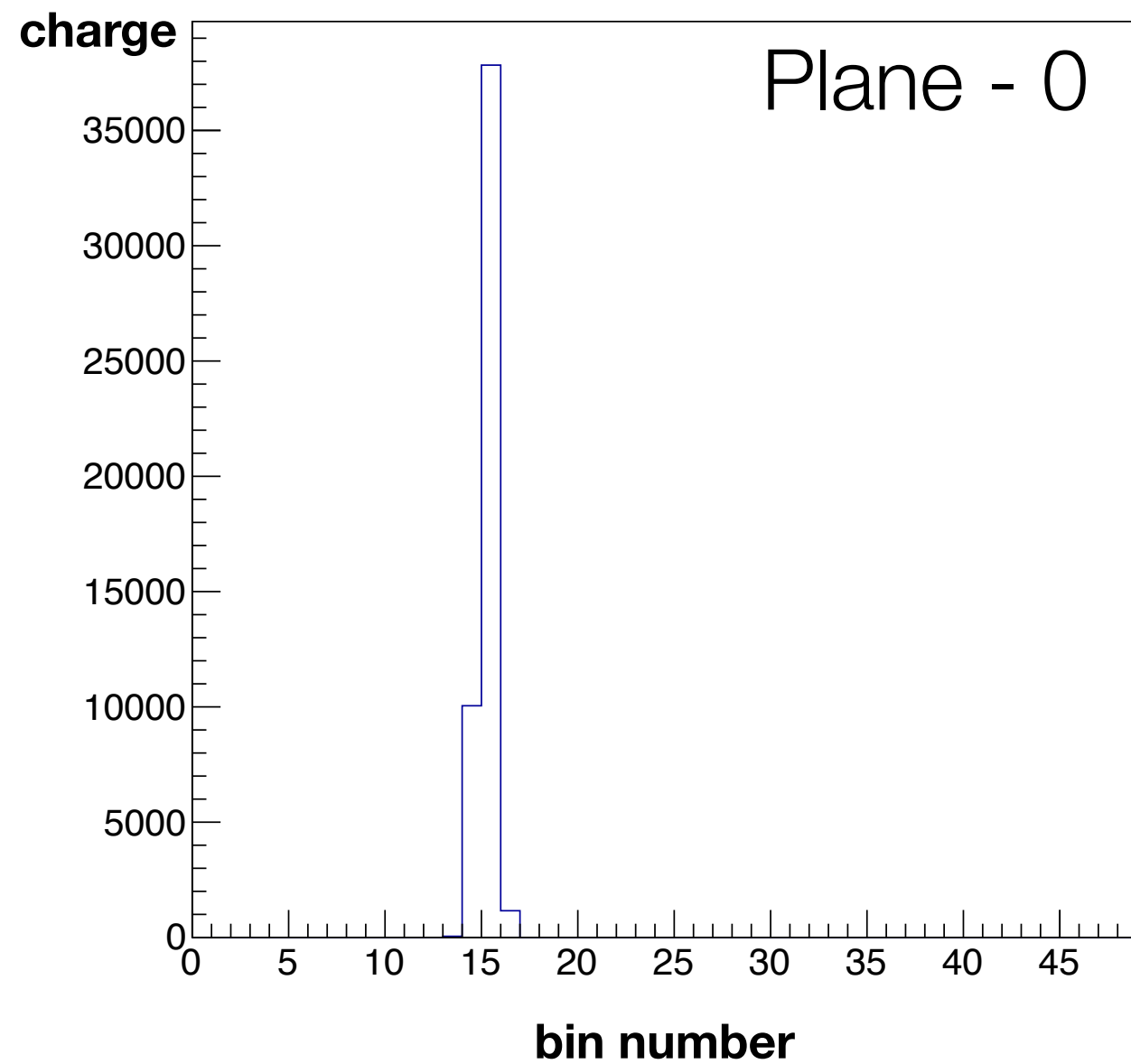
- z-Layer size = 5mm



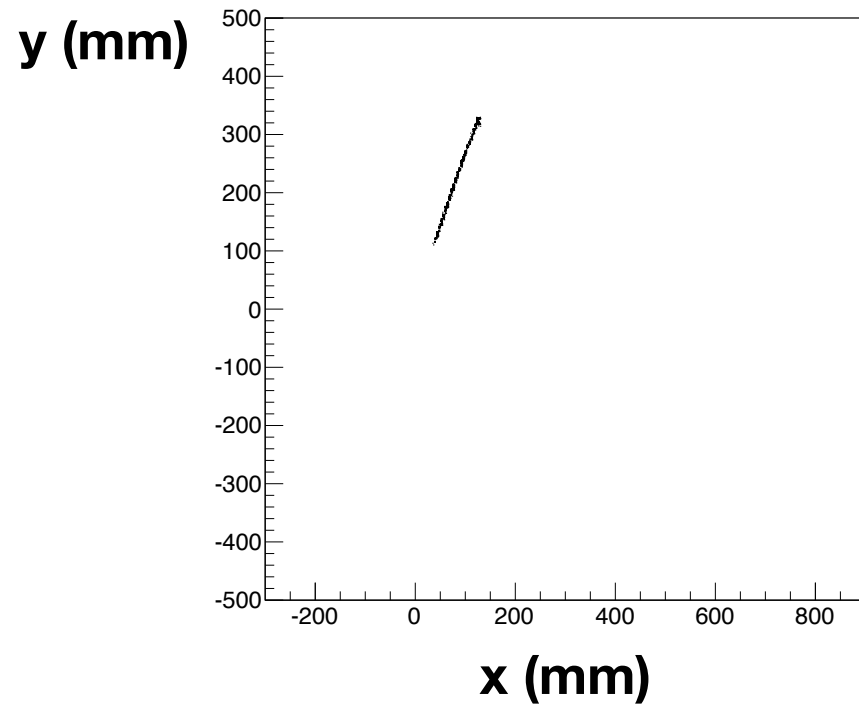
# 2



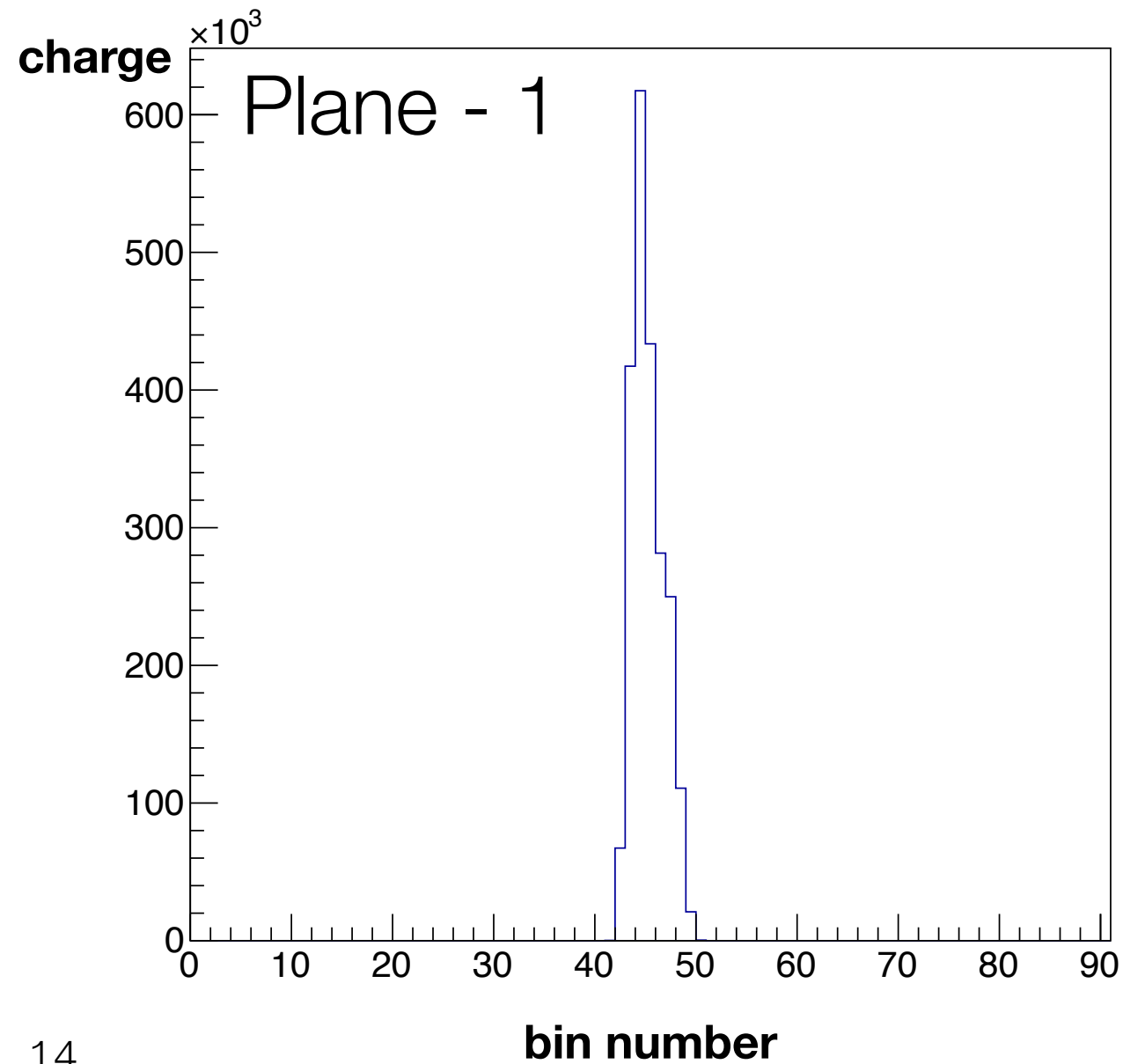
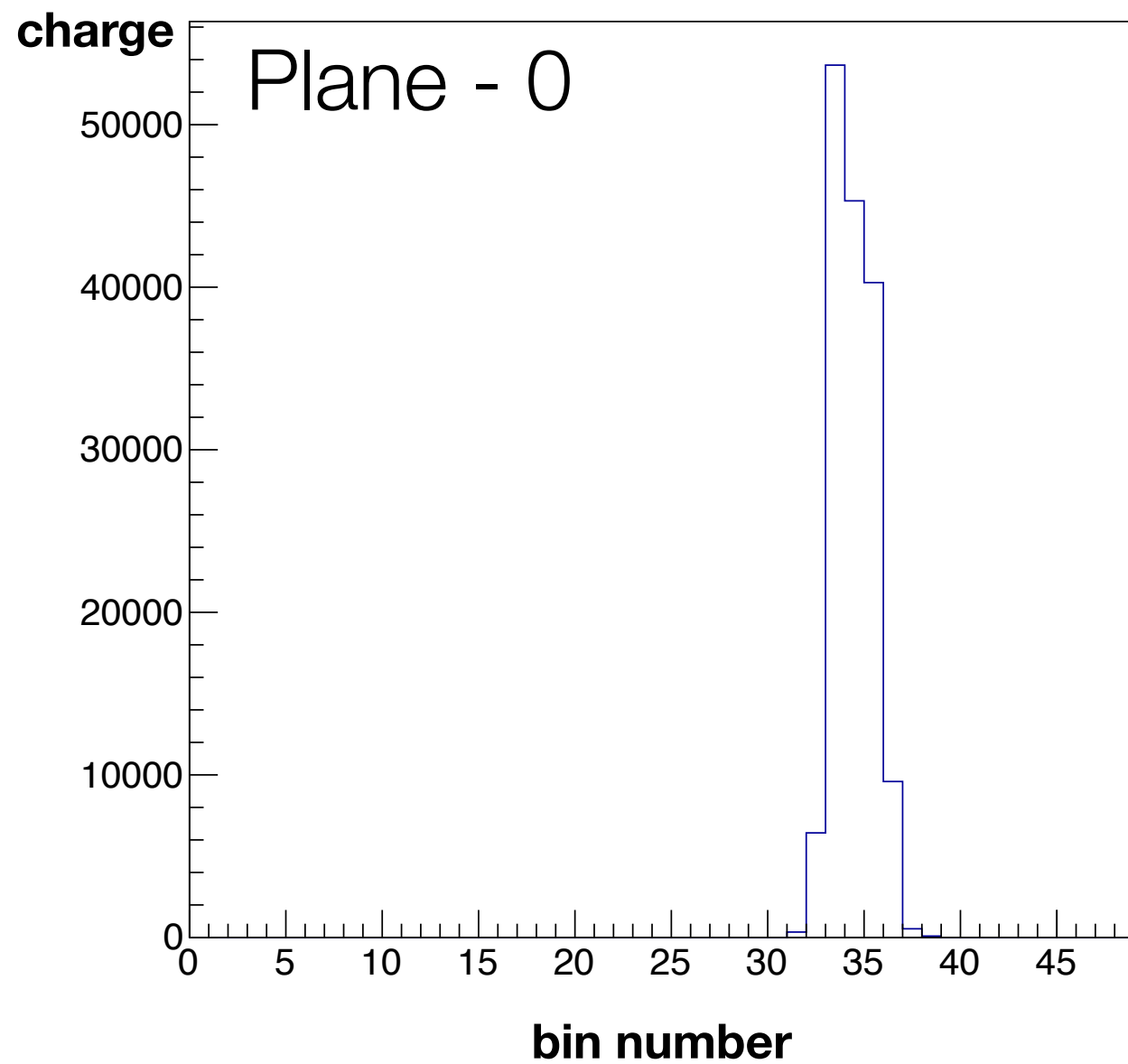
- z-Layer size = 5mm



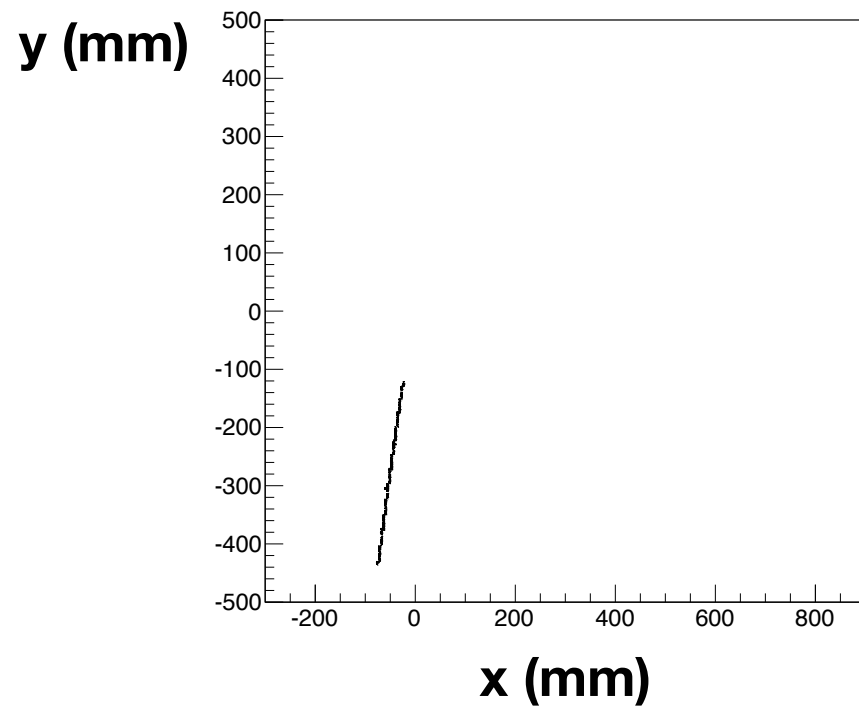
# 3



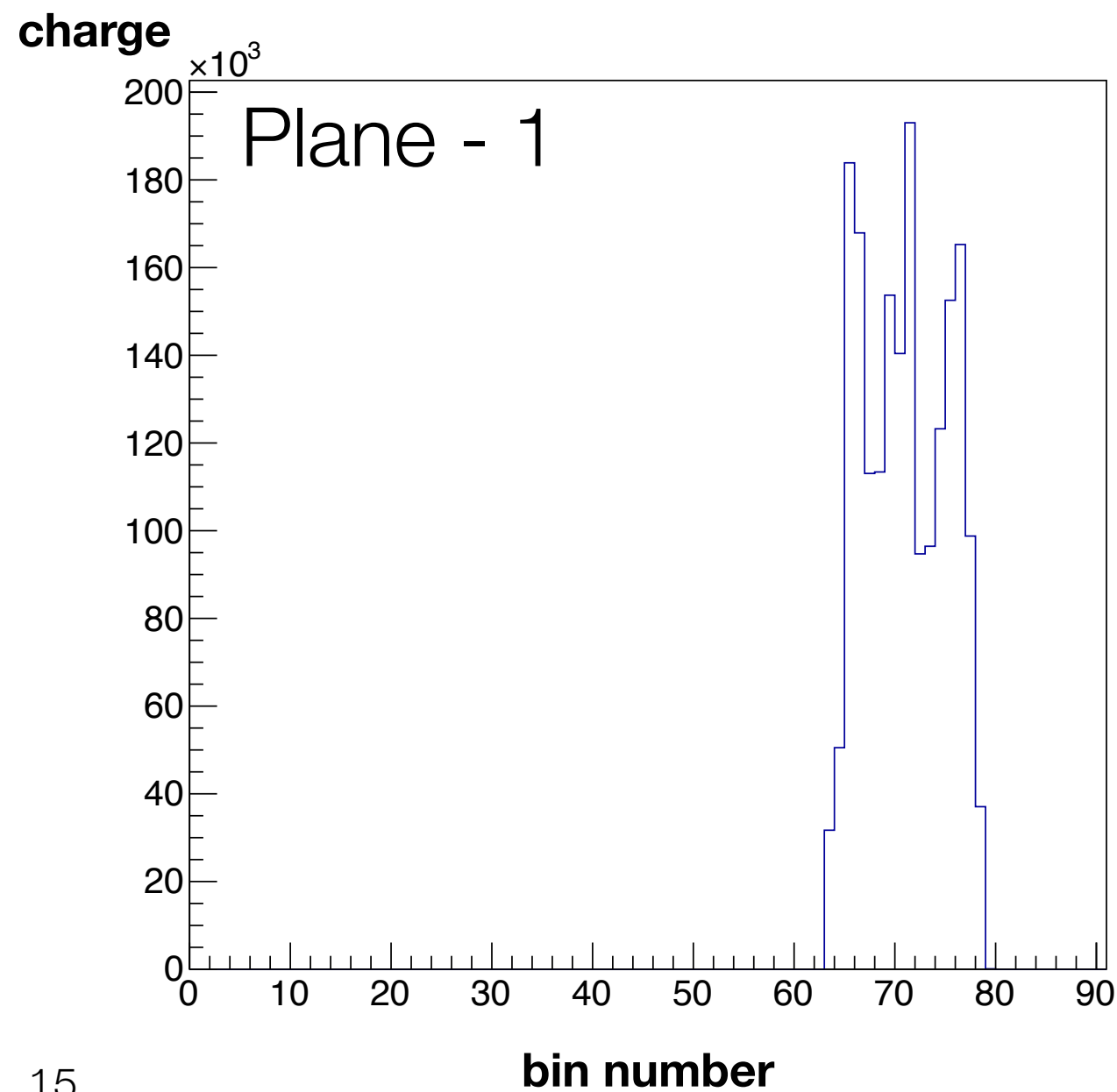
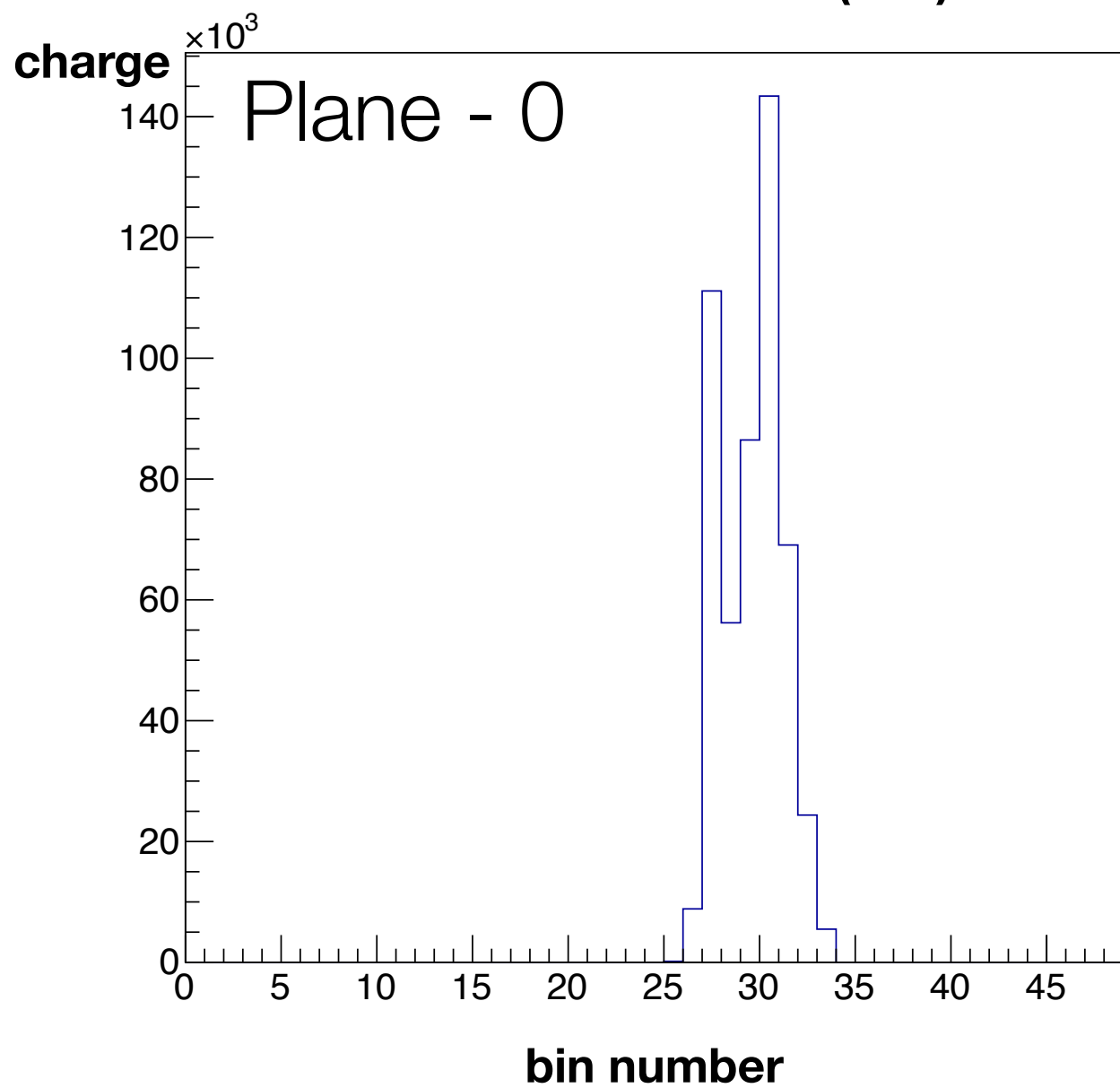
- z-Layer size = 5mm



# 4

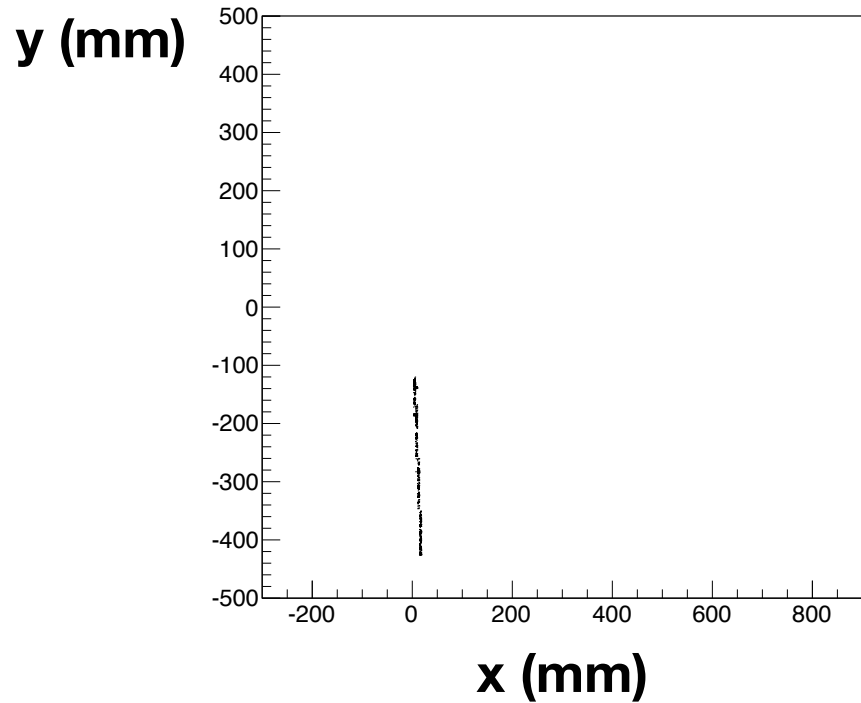


- z-Layer size = 5mm

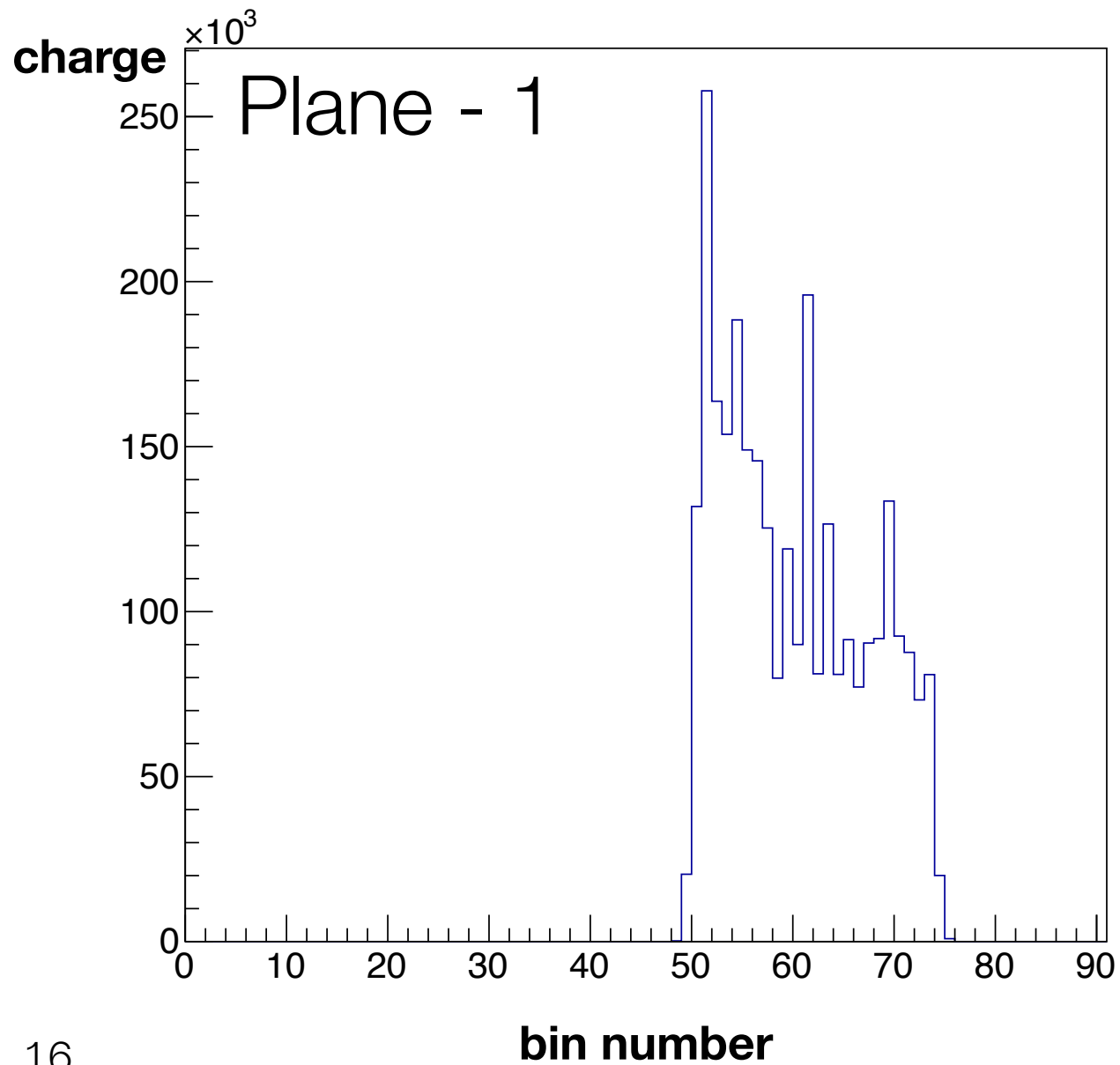
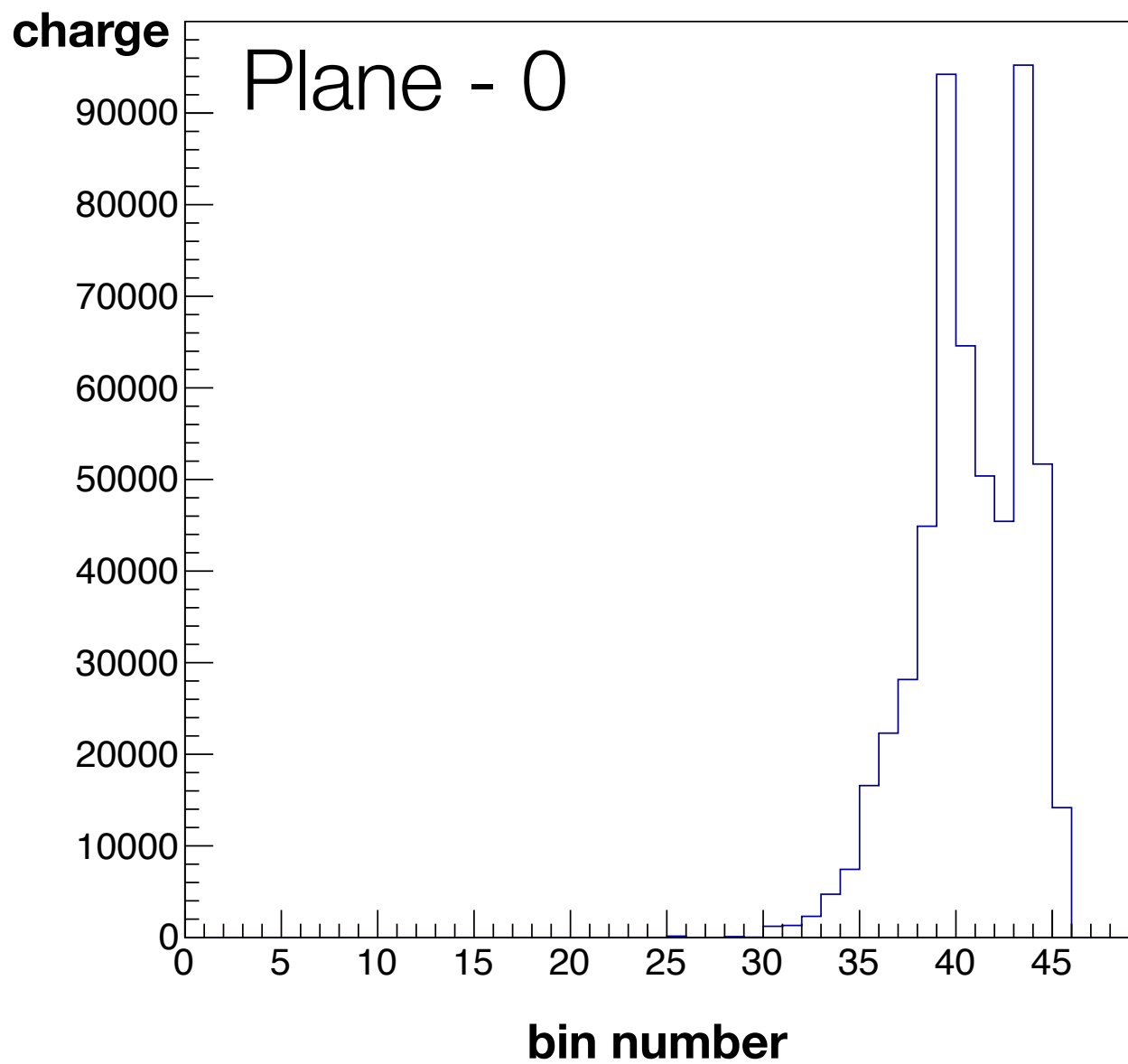




# 5



- z-Layer size = 5mm



# Summary

- Bug fix was done in digitization.
- Deeper study about pad-response function is needed.
- Have to check whether the fitting of cluster is doing good job.