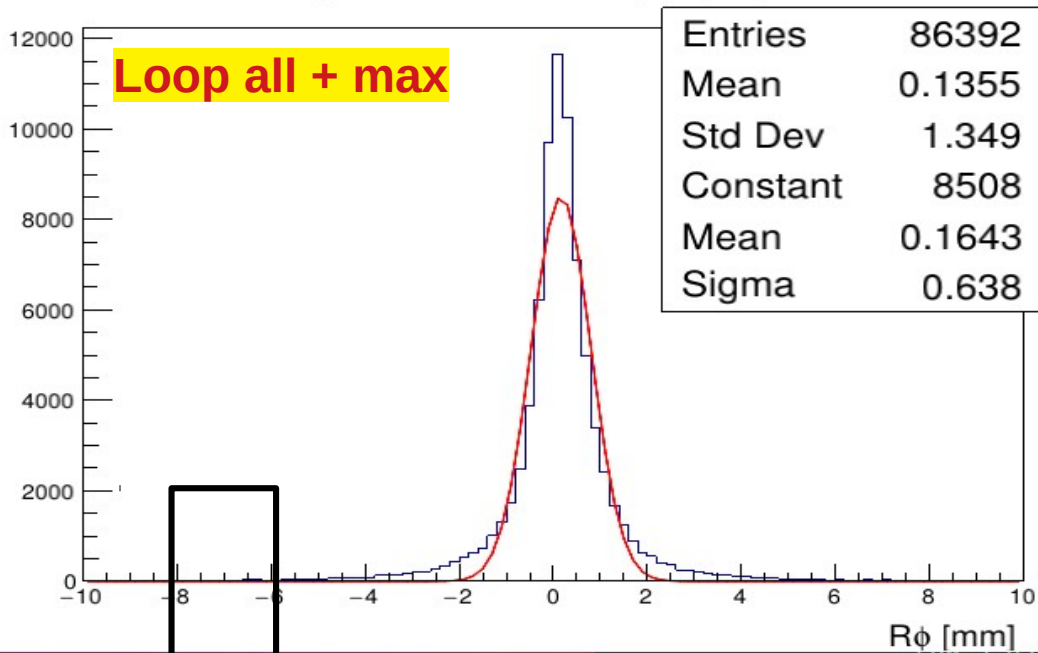


# Comparison between Loop All and Loop All + Max

Lia Lavezzi

2020-09-30

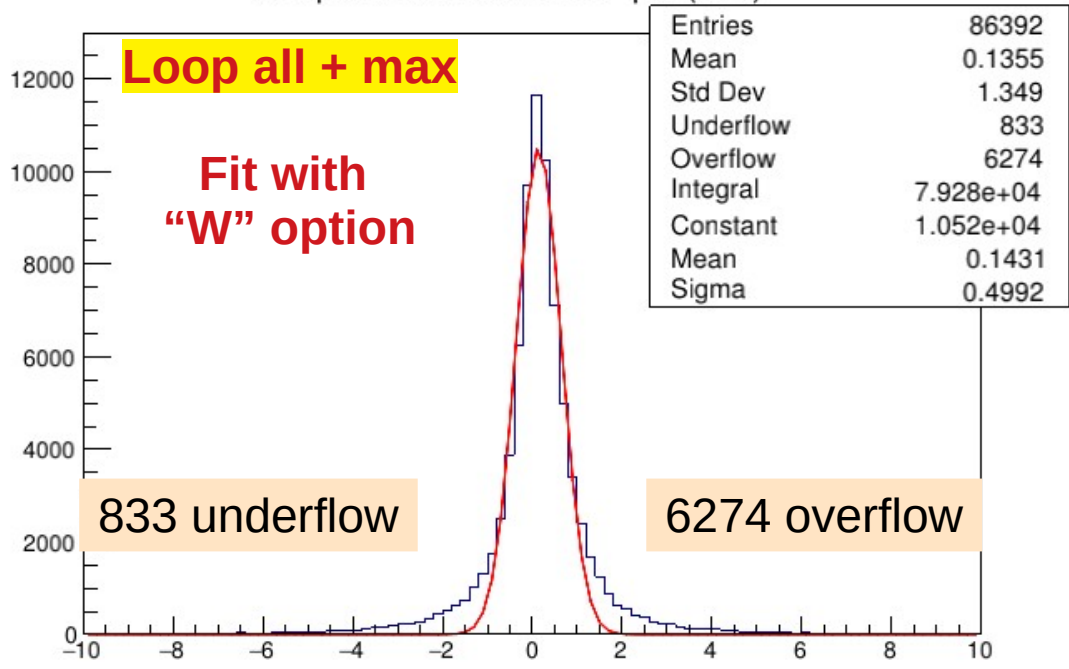
test plane: residual in R \* phi (mm)



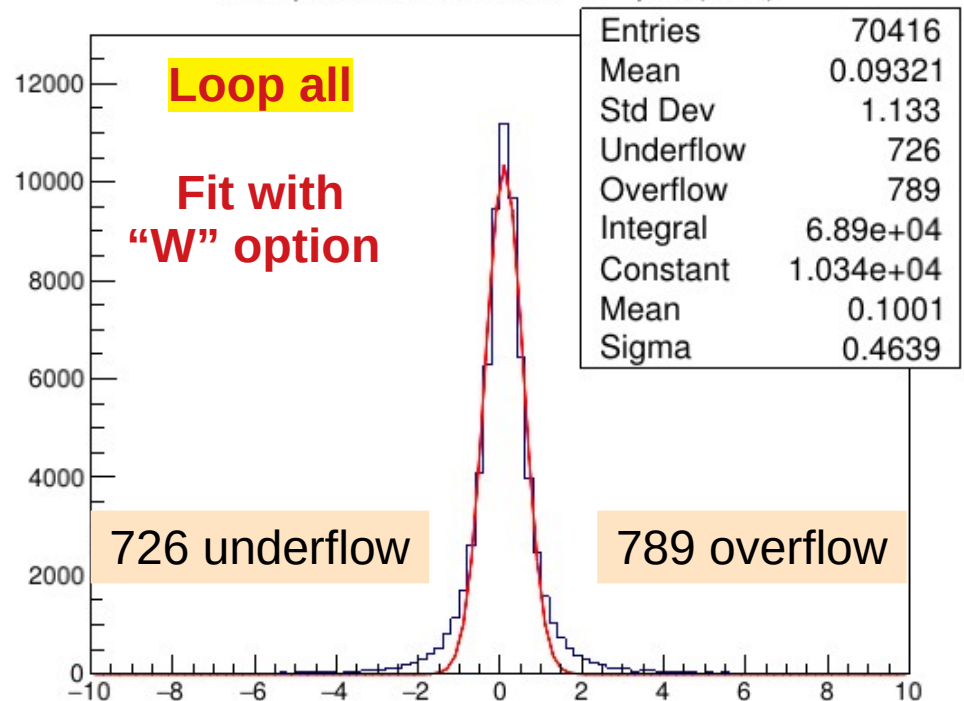
# residual r\*phi L1 bottom

	mean	sigma
<i>standalone</i>	0.01388	0.3617
<i>Loop all + max</i>	0.1431	0.4992
<i>Loop all</i>	0.1001	0.4639
<i>Max charge</i>	-	-

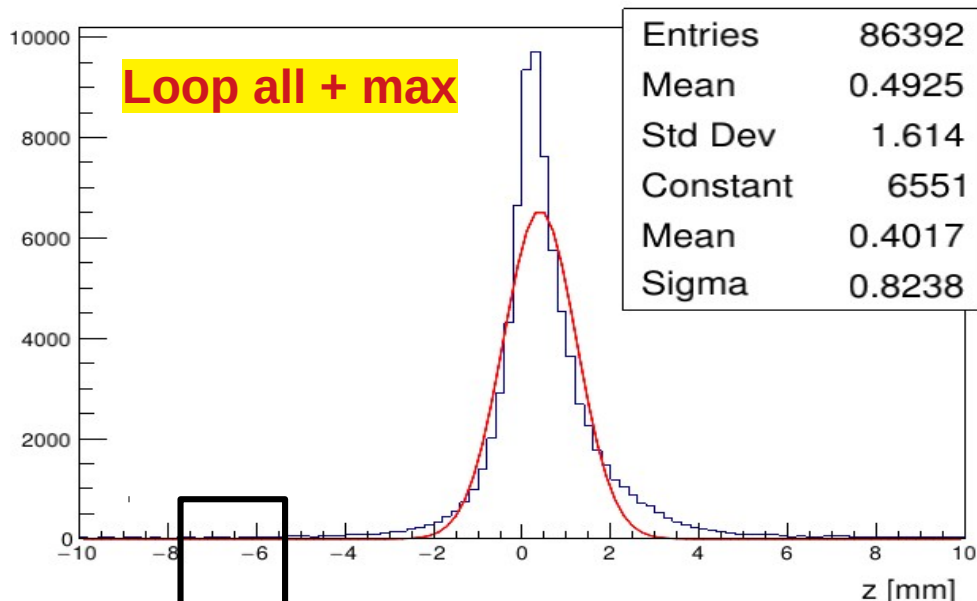
test plane: residual in R \* phi (mm)



test plane: residual in R \* phi (mm)



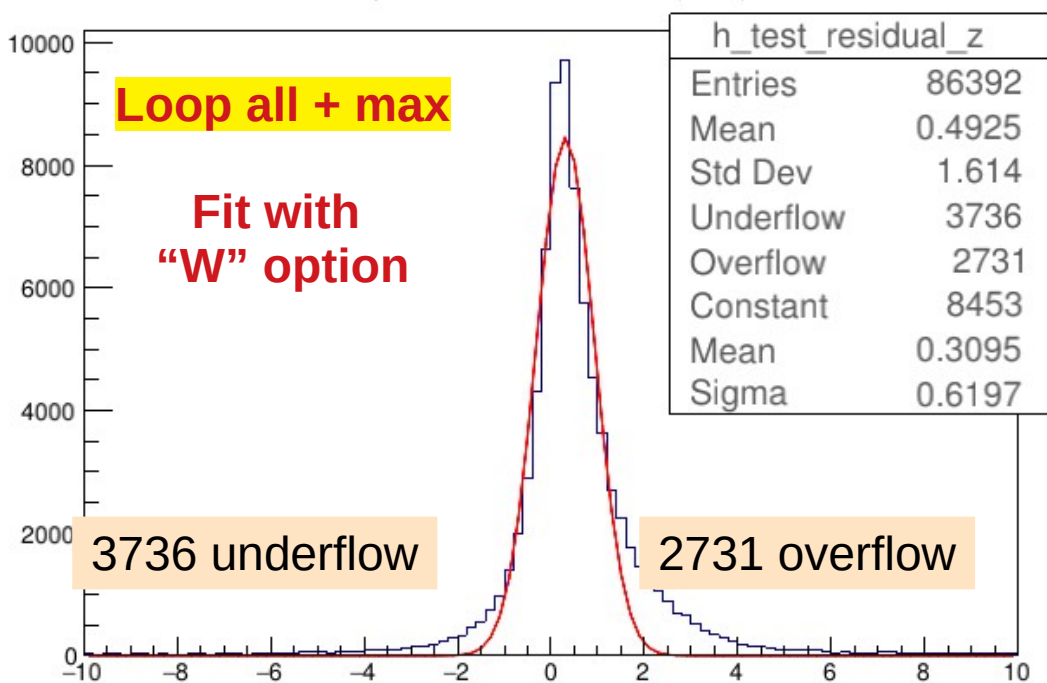
test plane: residual in z (mm)



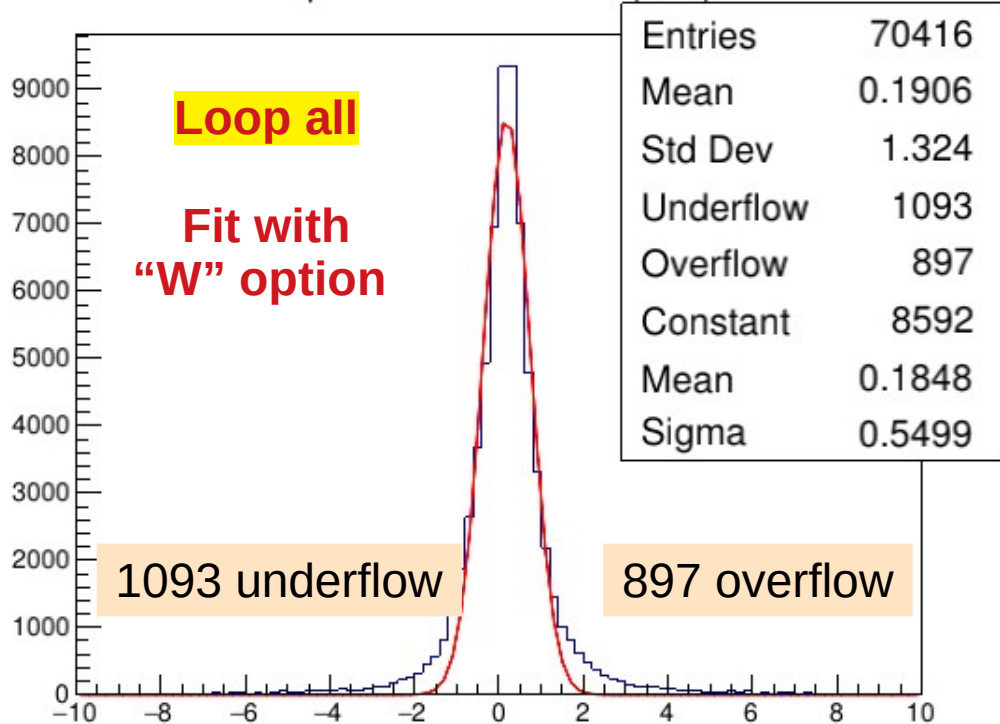
# residual z L1 bottom

	mean	sigma
<i>standalone</i>	0.004913	0.6144
<i>Loop all + max</i>	0.3095	0.6197
<i>Loop all</i>	0.1848	0.5499
<i>Max charge</i>	-	-

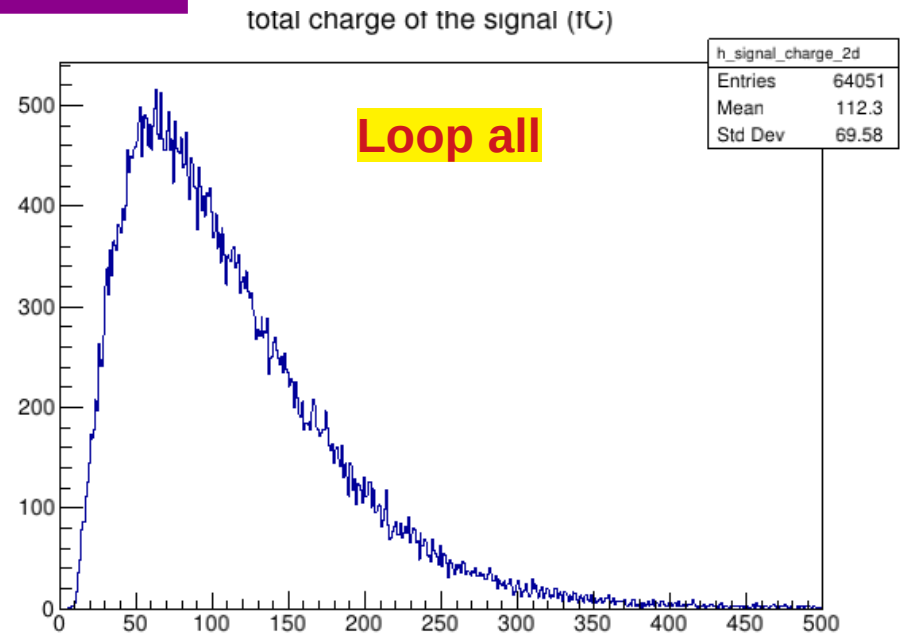
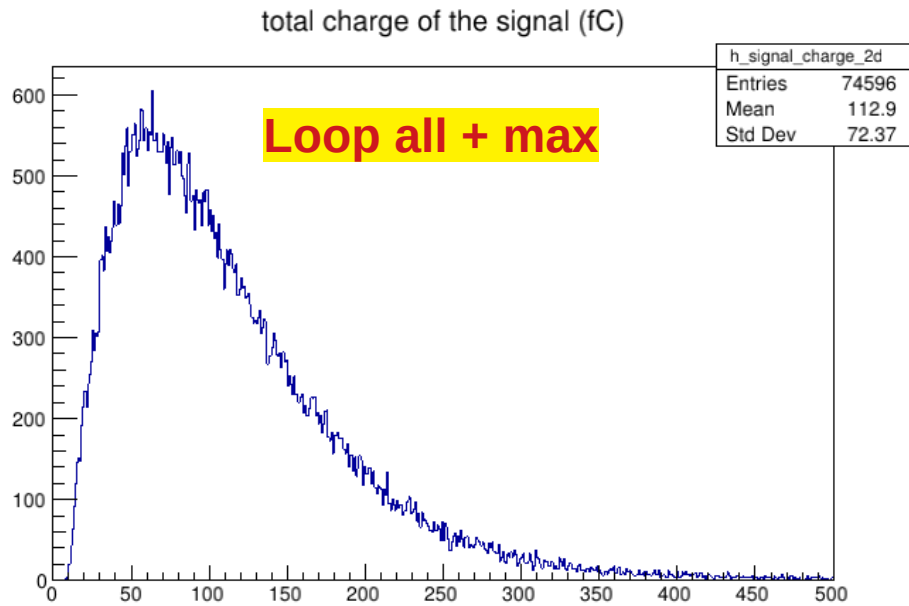
test plane: residual in z (mm)



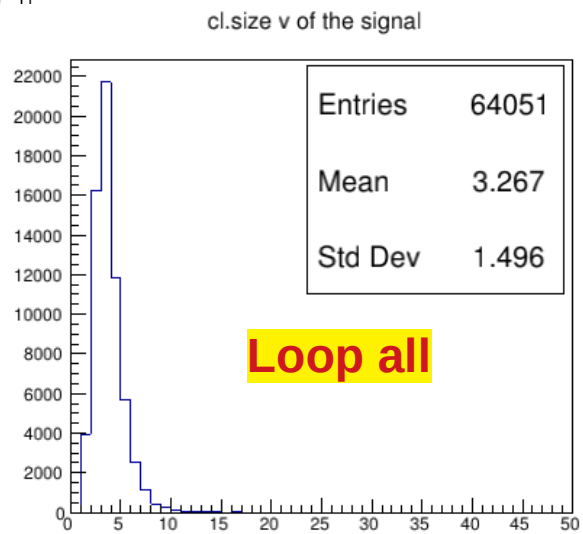
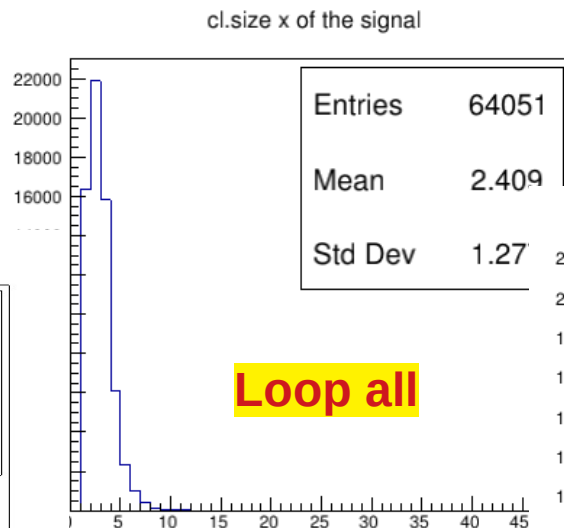
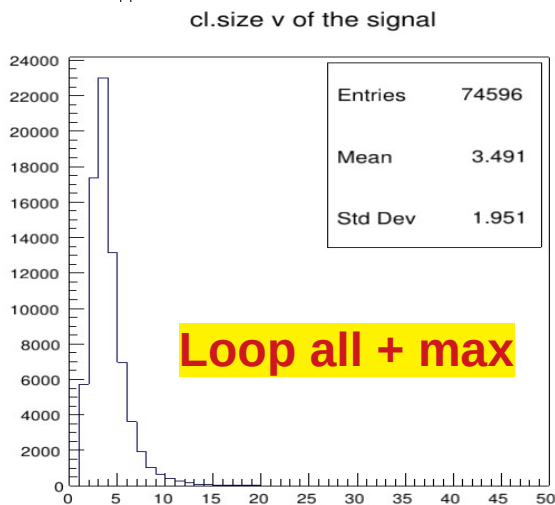
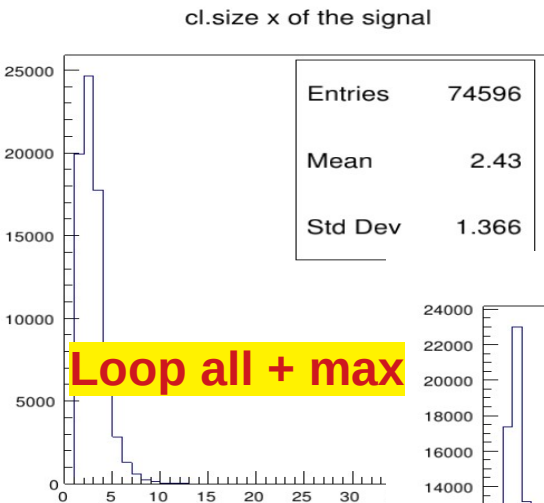
test plane: residual in z (mm)



# Cluster < 5 sigma, L1 bottom

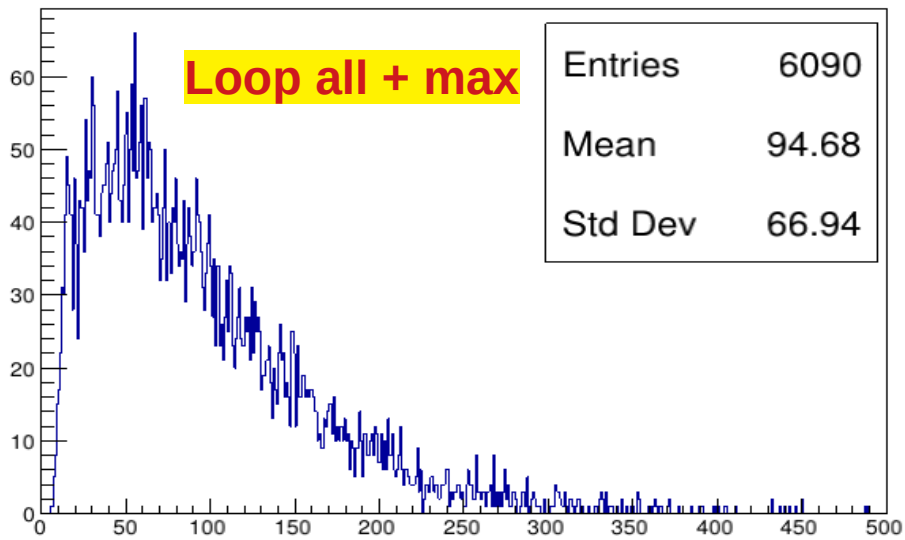


**Standalone: mean charge was 108.4; mean size x was 2.53; mean size v was 3.01**

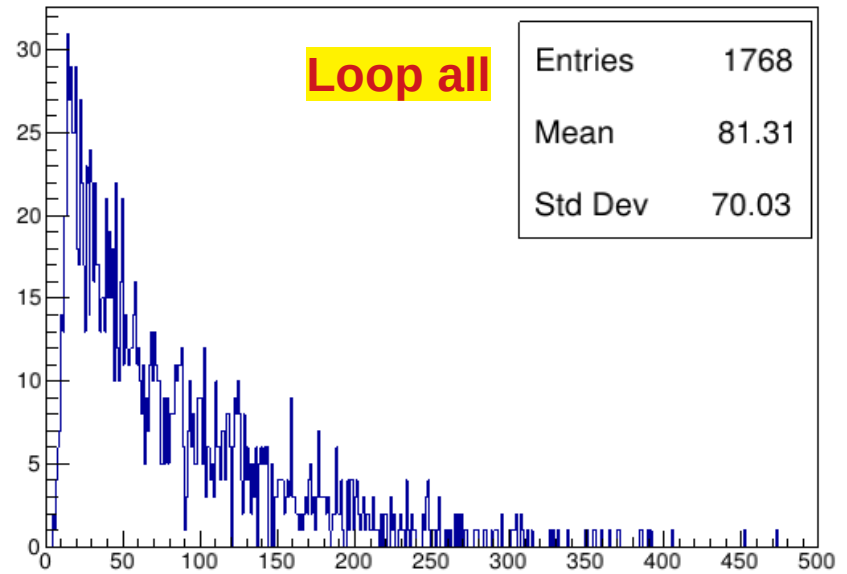


# Cluster > 10 sigma, L1 bottom

total charge of the background (fC)

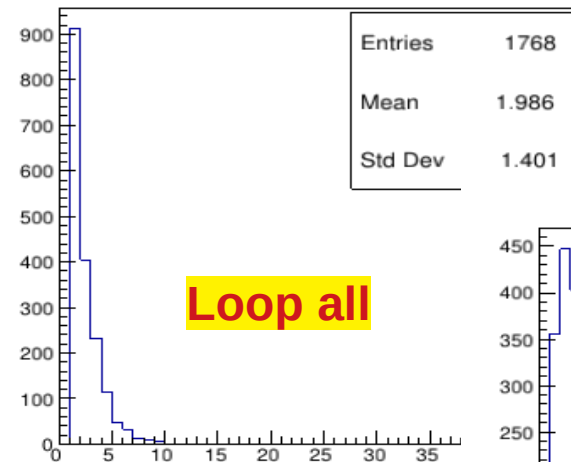


total charge of the background (fC)

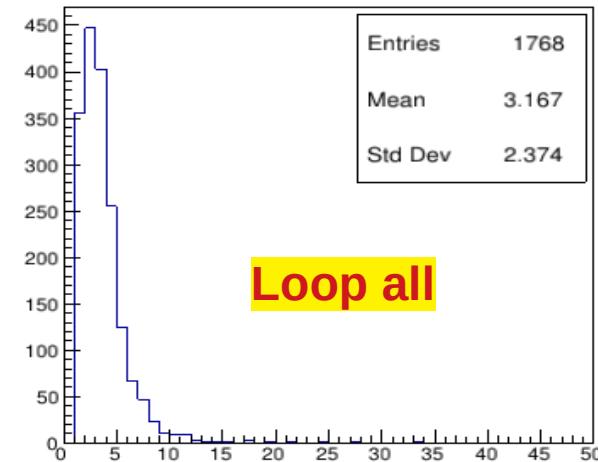


Standalone mean charge was 63.4; mean size x was 1.91; mean size v was 2.41

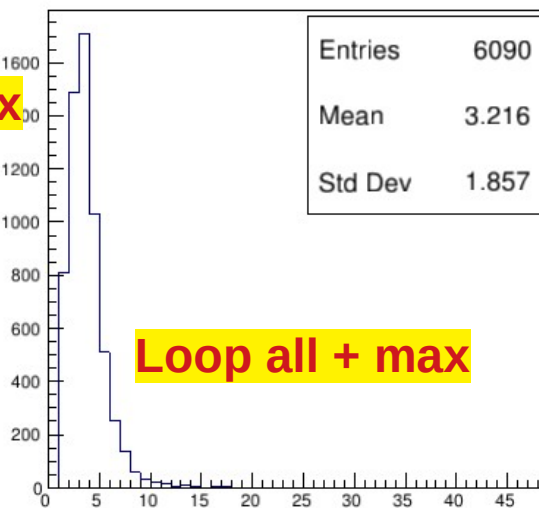
cl.size x of the background



cl.size v of the background



cl.size v of the background



cl.size v of the background

