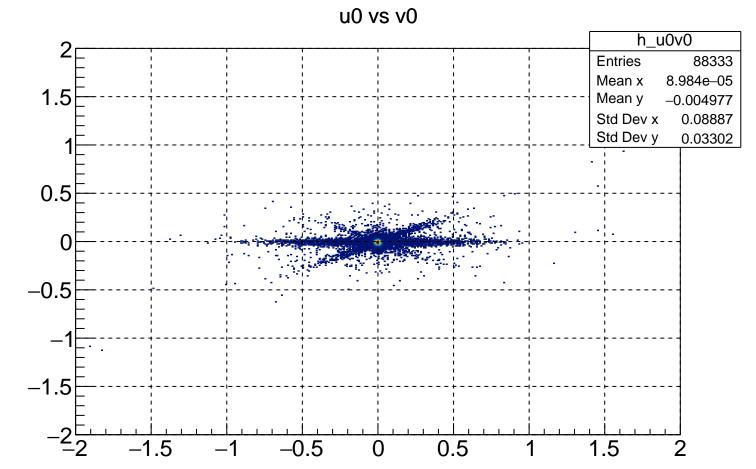
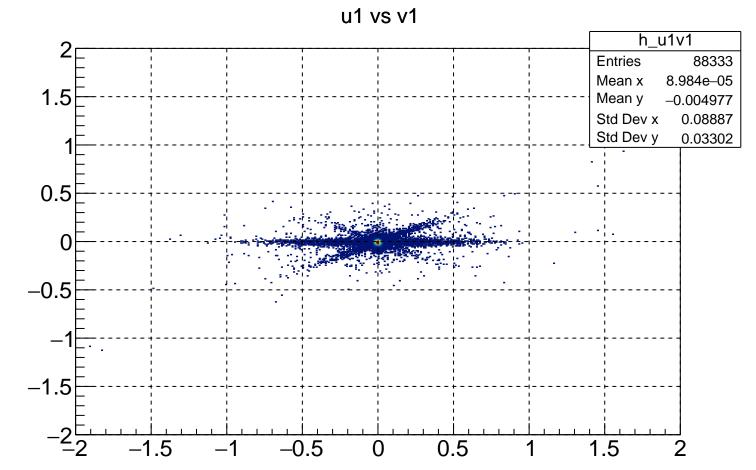
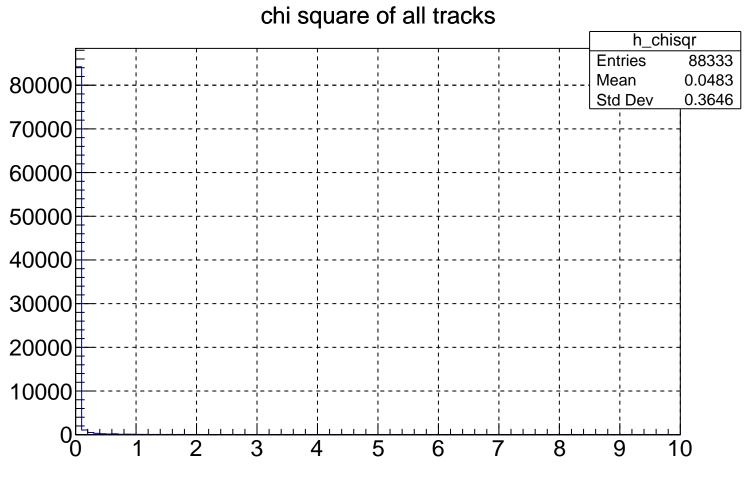
x0 vs y0 h_x0y0 200 **Entries** 88333 Mean x -1.927150 Mean y -4.8Std Dev x 32.71 Std Dev y 30 100 50 -50-100-150200 -150-100-5050 100 150

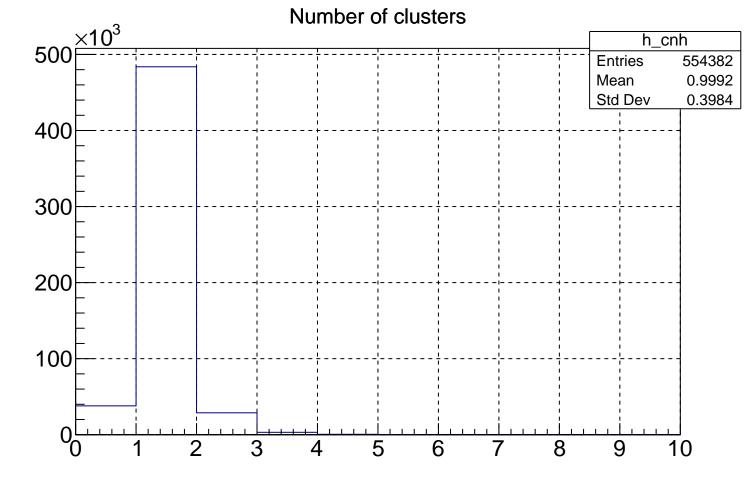


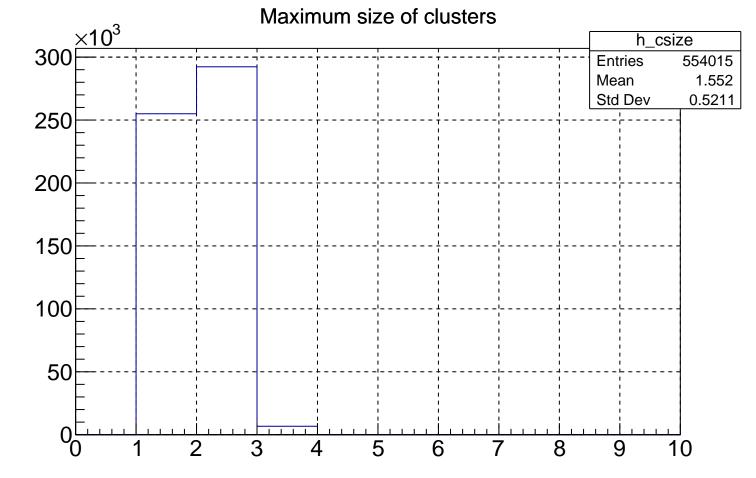
x1 vs y1 h_x1y1 200 **Entries** 88333 Mean x -0.7557150 Mean y -14.29Std Dev x 58.91 Std Dev y 65.75 100 50 -50-100-150-15050 100 150 200 -100





chi square after Prob h_chisqr_prob **Entries** 88333 80000 Mean 0.984 Std Dev 0.09245 70000 60000 50000 40000 30000 20000 10000 0.4 0.6 8.0





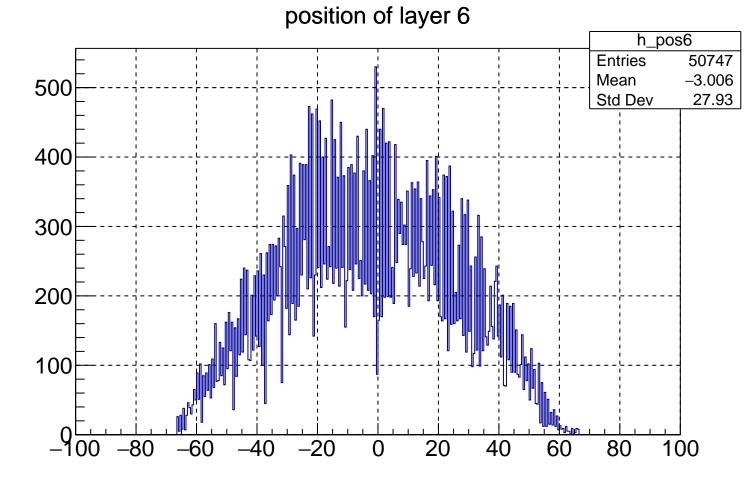
position of layer 1 h_pos1 **Entries** 86412 Mean -3.128700 Std Dev 26.07 600 500 400 300 200 100 -80-2020 40 60 80 100 -60

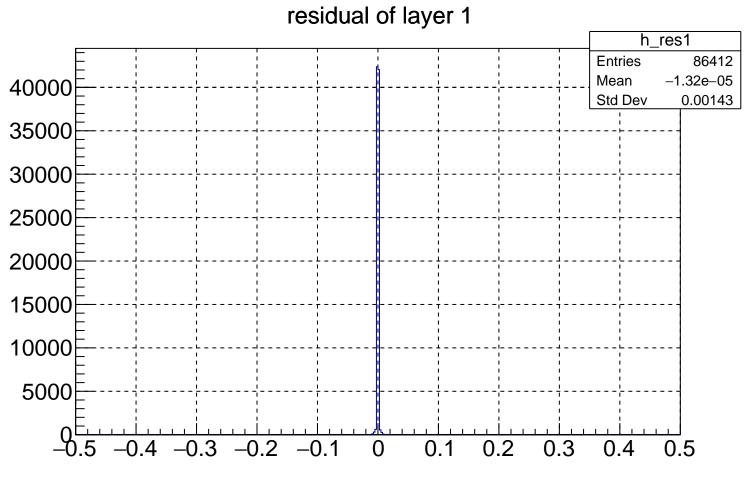
position of layer 2 h_pos2 **Entries** Mean -3.662Std Dev 25.88 -80-20

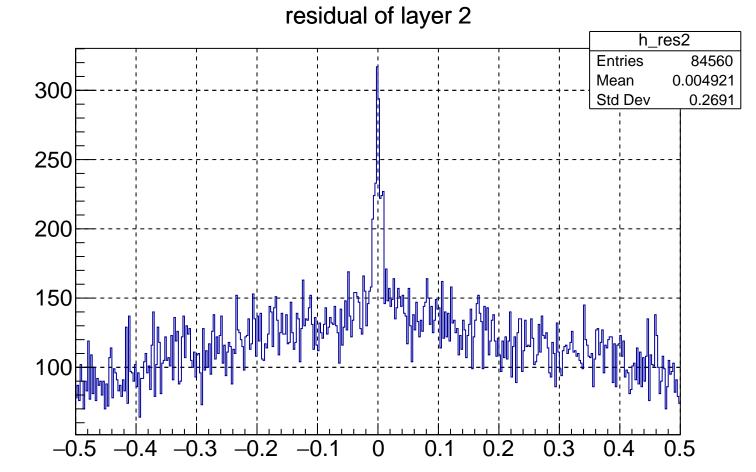
position of layer 3 h_pos3 **Entries** Mean -1.413Std Dev 25.81 -20

position of layer 4 h_pos4 500 **Entries** 52470 Mean -4.671Std Dev 27.7 400 300 200 100 -2020 40 60 80 100 -60

position of layer 5 h_pos5 900 **Entries** 84081 Mean -4.395800 Std Dev 27.6 700 600 500 400 300 200 100 -60 -80-2020 40 60 80 100





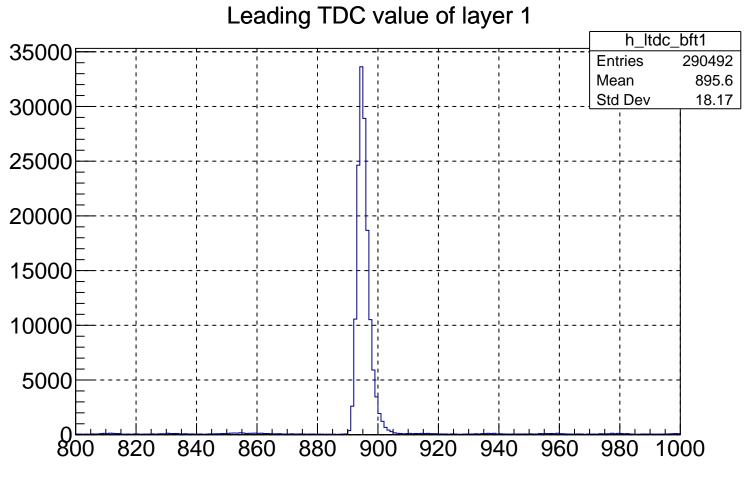


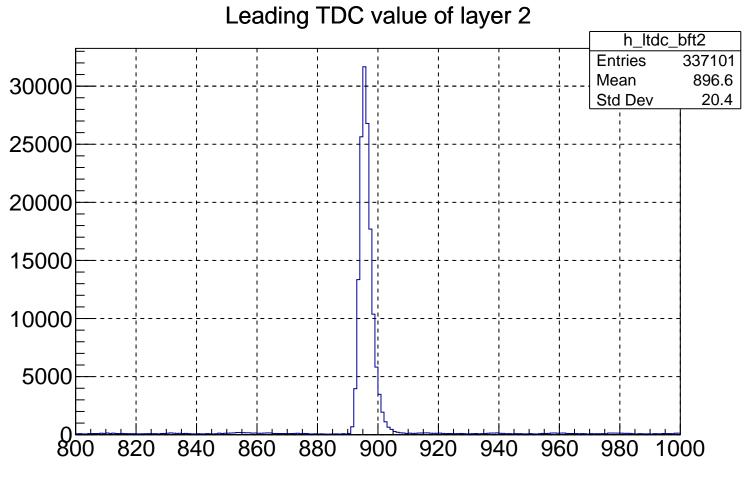
residual of layer 3 h_res3 **Entries** 83395 40000 Mean -1.213e-05 Std Dev 0.0008516 35000 30000 25000 20000 15000 10000 5000 -0.4 -0.3 -0.2 -0.10.2 0.3 0.4 0.5 0.1

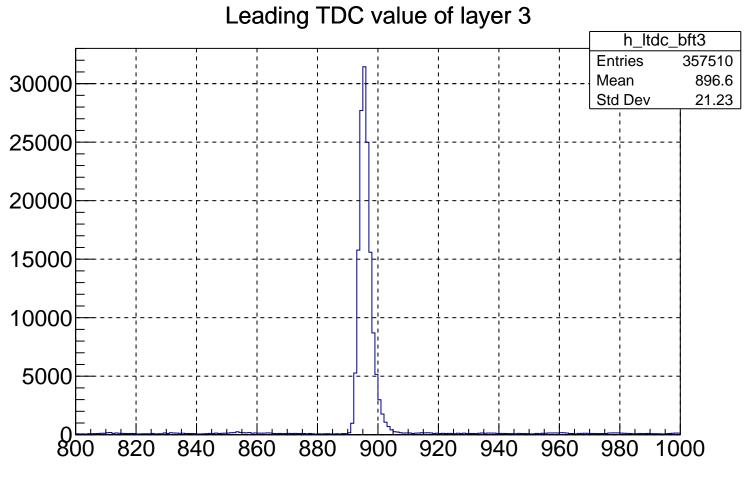
residual of layer 4 h_res4 24000 **Entries** 52470 Mean 0.0006853 22000 Std Dev 0.05127 20000 18000 16000 14000 12000 10000 8000 6000 4000 2000 -0.4 -0.3 -0.20.2 0.3 0.5 0.4 0.1

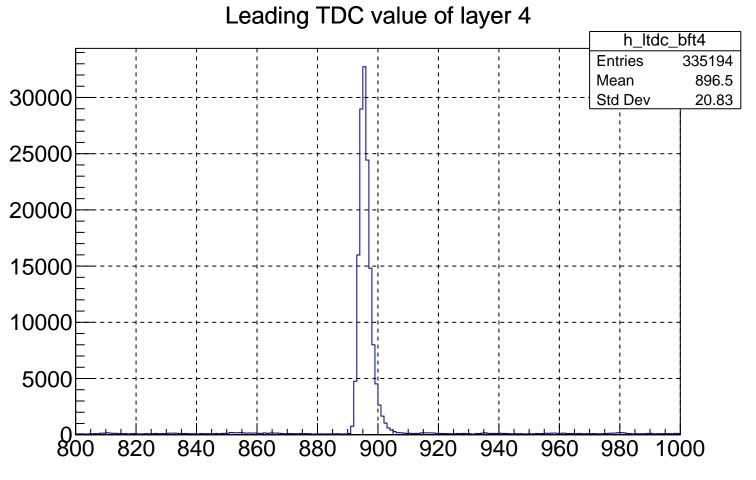
residual of layer 5 h_res5 **Entries** 84081 40000 Mean -0.0003685Std Dev 0.02557 35000 30000 25000 20000 15000 10000 5000 -0.4 -0.3 -0.2 -0.10.2 0.3 0.4 0.5 0.1

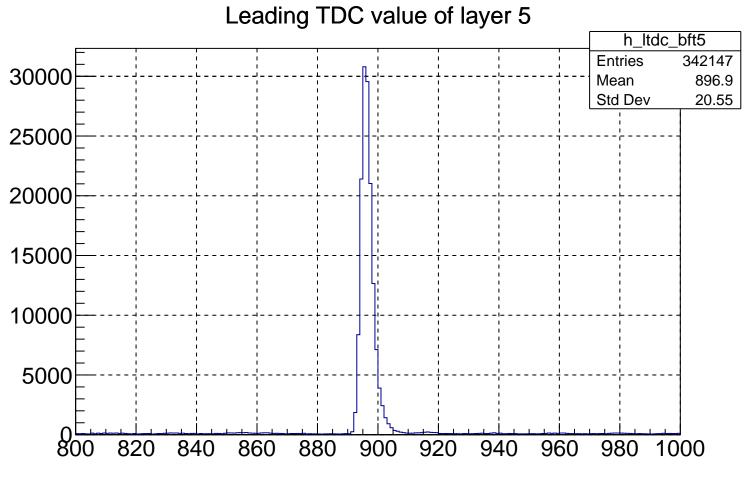
residual of layer 6 h_res6 **Entries** 50747 22000 Mean -0.0005986Std Dev 0.03226 20000 18000 16000 14000 12000 10000 8000 6000 4000 2000 -0.3 -0.20.2 0.3 0.5 0.4 0.1

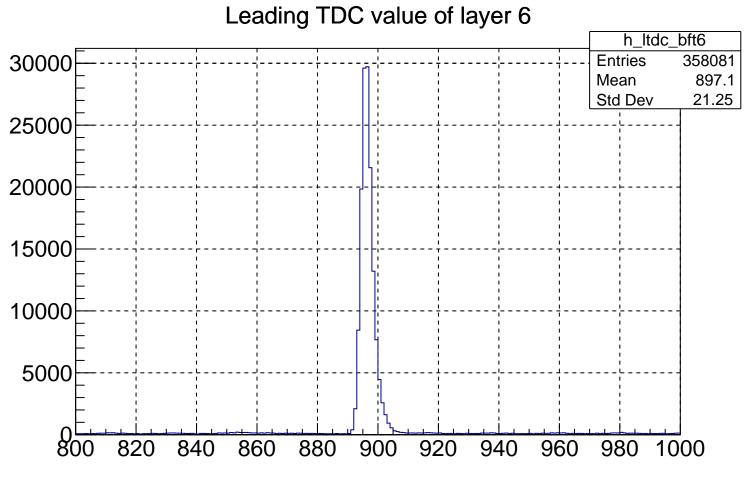












Time over threshold of layer 1 h_tot_bft1 Entries Mean 23.72 Std Dev 13.43

Time over threshold of layer 2 h_tot_bft2 **Entries** Mean 21.41 Std Dev 12.82

Time over threshold of layer 3 h_tot_bft3 **Entries** Mean 21.07 Std Dev 13.24

Time over threshold of layer 4 h_tot_bft4 **Entries** Mean 21.38 Std Dev 13.43

Time over threshold of layer 5 h_tot_bft5 **Entries** Mean 21.55 Std Dev 13.37

Time over threshold of layer 6 h_tot_bft6 **Entries** 20.41 Mean Std Dev 12.77