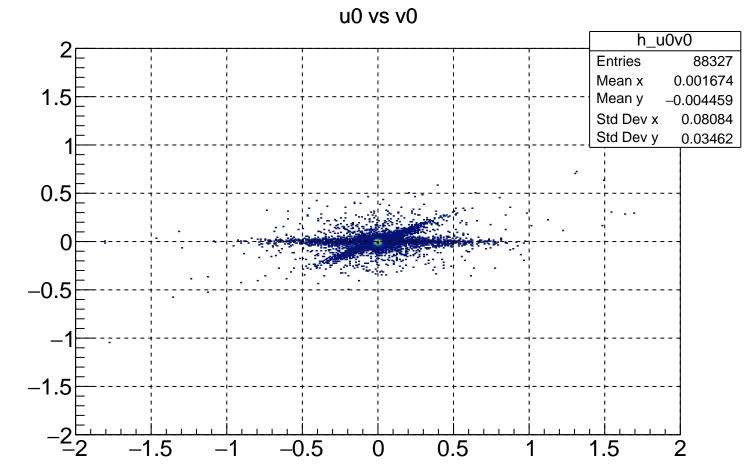
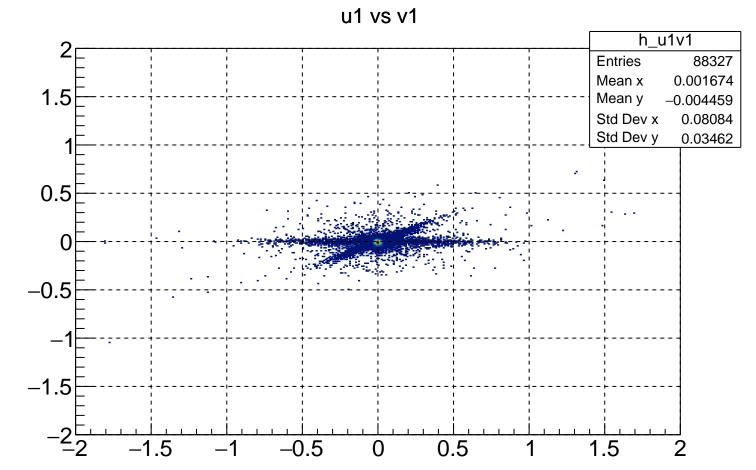
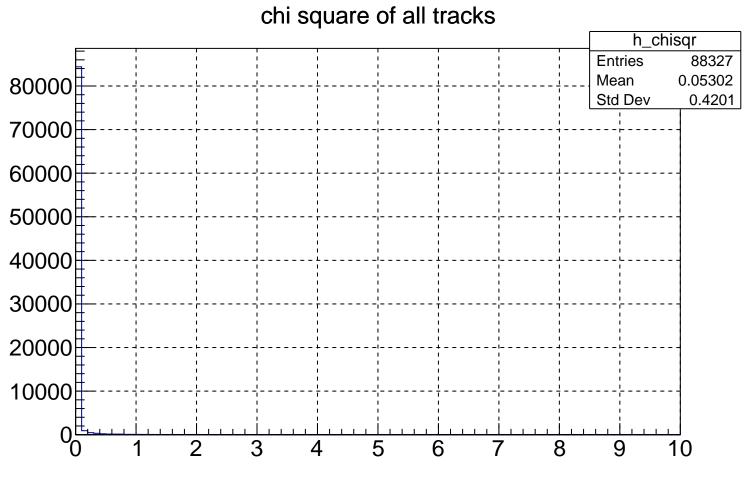
x0 vs y0 h_x0y0 200 **Entries** 88327 Mean x -1.589150 Mean y -4.66Std Dev x 33.21 Std Dev y 30.25 100 50 -50-100-150200 -150-10050 100 150

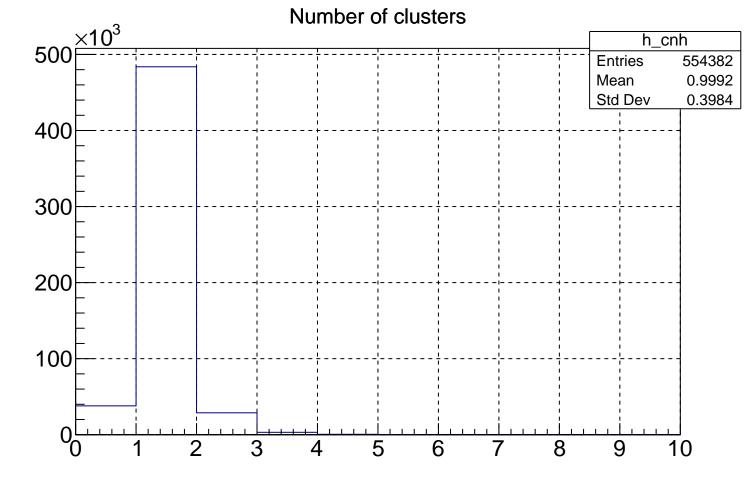


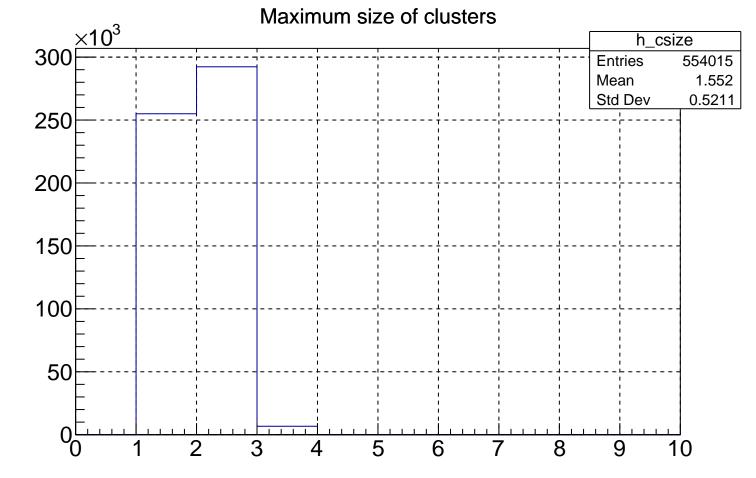
x1 vs y1 h_x1y1 200 **Entries** 88327 Mean x 0.5858 150 Mean y -15.12Std Dev x 59.79 Std Dev y 65.2 100 50 -50-100-150200 50 100 150 -150





chi square after Prob h_chisqr_prob **Entries** 88327 80000 Mean 0.9832 Std Dev 0.09939 70000 60000 50000 40000 30000 20000 10000 0.2 0.4 0.6 8.0

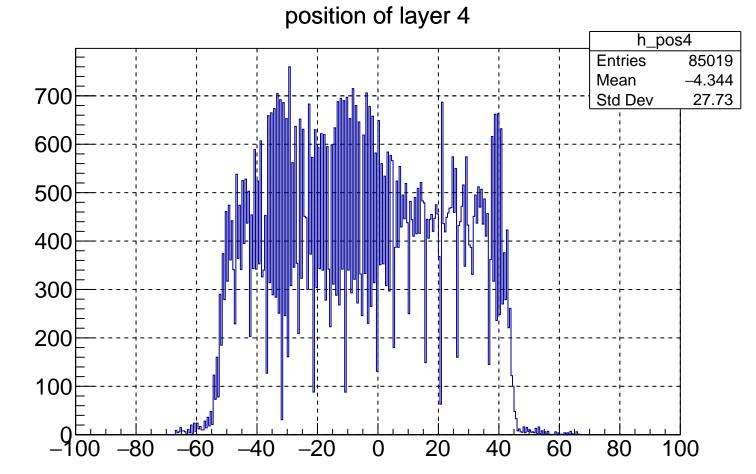




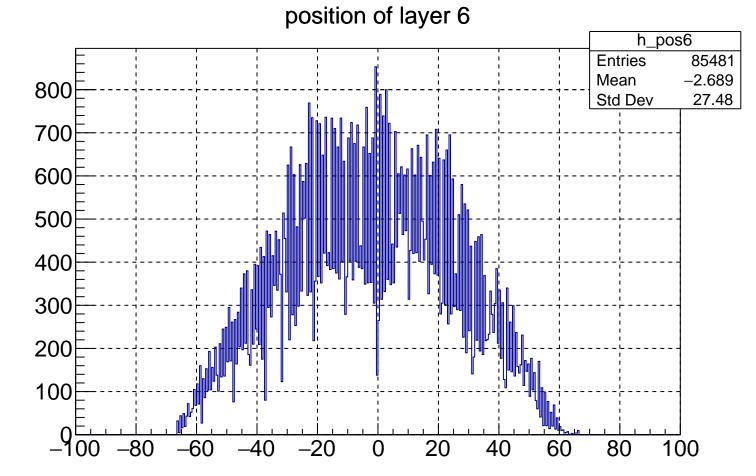
position of layer 1 h_pos1 Entries Mean -3.34226.45 Std Dev -80-20

position of layer 2 h_pos2 **Entries** Mean -3.669Std Dev 26.02 -80 -20

position of layer 3 h_pos3 **Entries** 51913 Mean -1.438500 26.24 Std Dev 400 300 200 100 -2020 40 60 80 100



position of layer 5 h_pos5 **Entries** 85132 900 Mean -4.405Std Dev 27.47 800 700 600 500 400 300 200 100 -60 -80 -2020 40 60 80 100

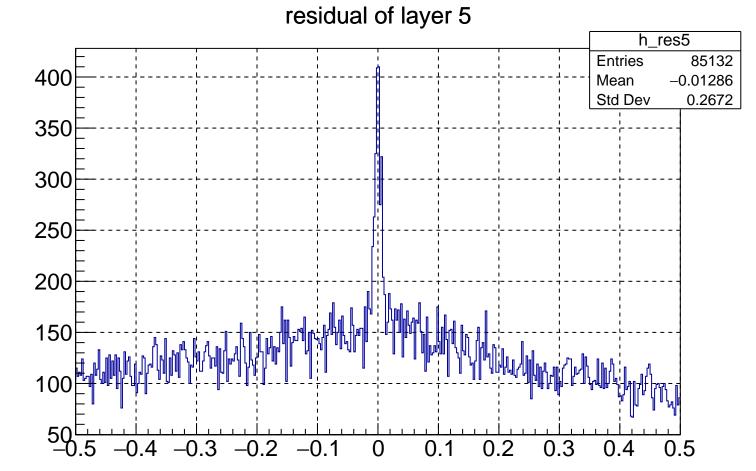


residual of layer 1 h_res1 24000 **Entries** 50855 -0.000455322000 Mean Std Dev 0.05154 20000 18000 16000 14000 12000 10000 8000 6000 4000 2000 -0.3 -0.20.2 0.3 0.5 0.4 0.1

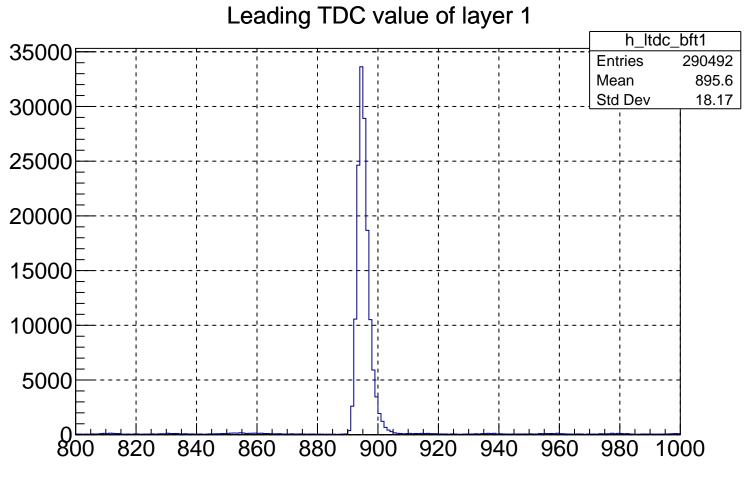
residual of layer 2 h_res2 40000 **Entries** 83235 Mean 0.0001166 35000 Std Dev 0.0269 30000 25000 20000 15000 10000 5000 -0.4 -0.3 -0.2 -0.10.2 0.3 0.4 0.5 0.1

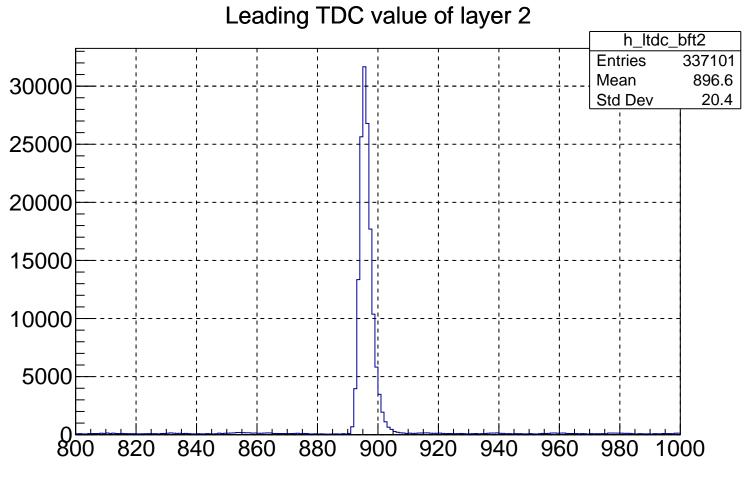
residual of layer 3 h_res3 24000 **Entries** 51913 Mean 0.0001809 22000 Std Dev 0.03468 20000 18000 16000 14000 12000 10000 8000 6000 4000 2000 -0.3 -0.20.2 0.3 0.5 0.4 0.1

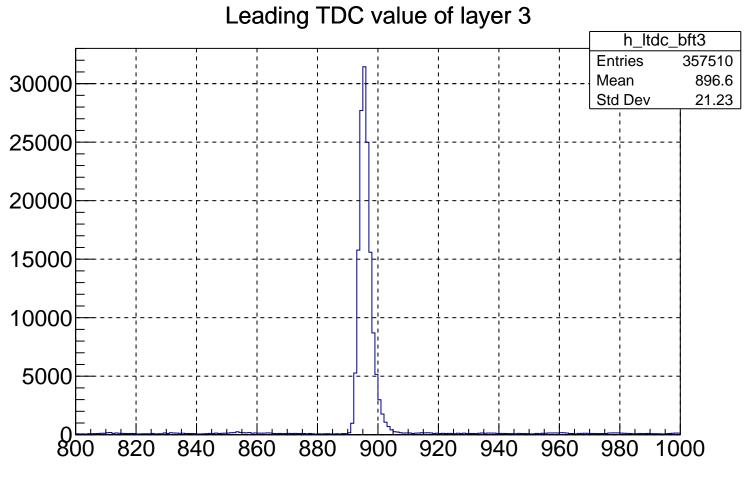
residual of layer 4 h_res4 45000 **Entries** 85019 Mean -3.978e-0640000 Std Dev 0.001892 35000 30000 25000 20000 15000 10000 5000 -0.4 -0.3 -0.2 -0.10.2 0.3 0.4 0.5 0.1

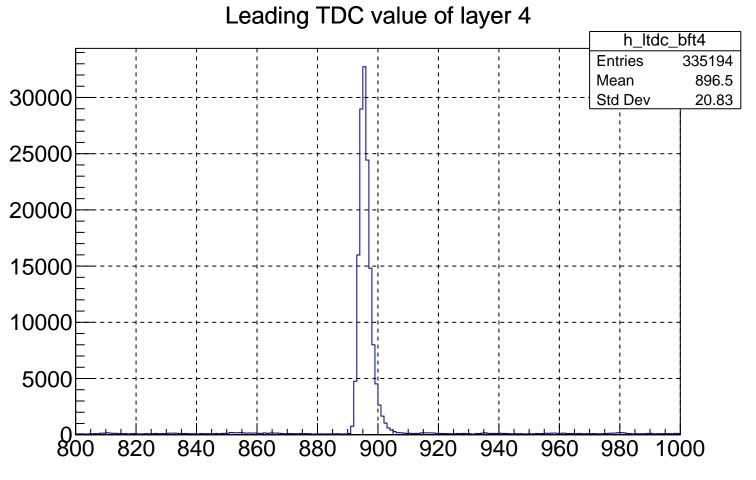


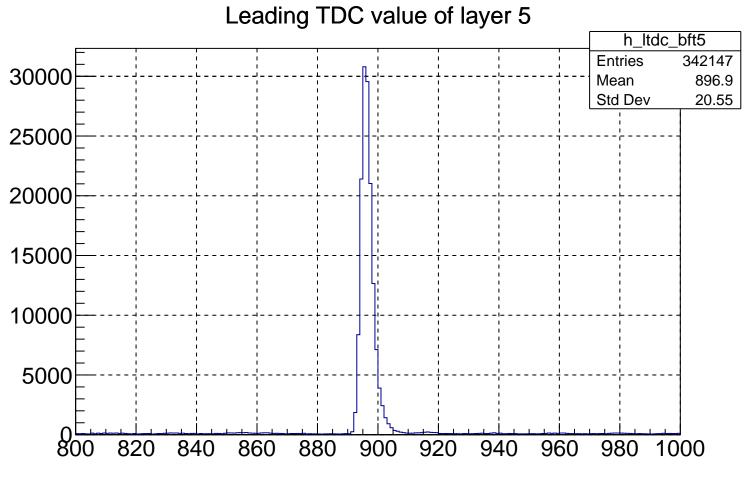
residual of layer 6 h_res6 45000 **Entries** 85481 Mean -1.825e-06 40000 Std Dev 0.001037 35000 30000 25000 20000 15000 10000 5000 -0.4 -0.3 -0.20.2 0.3 0.4 0.5 0.1

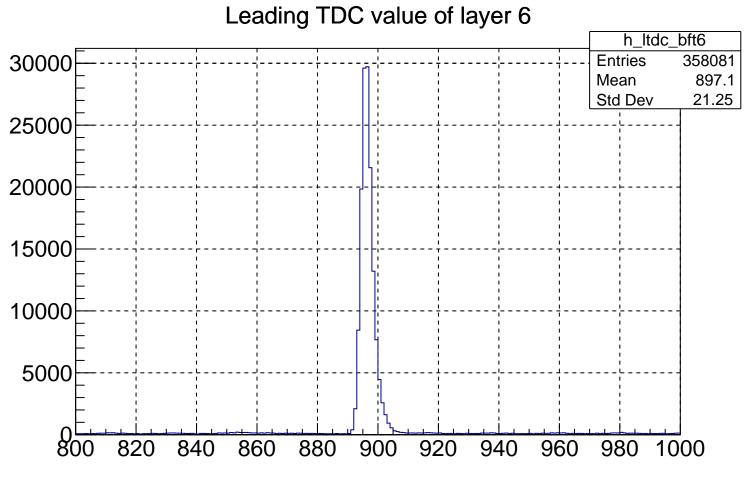












Time over threshold of layer 1 h_tot_bft1 Entries Mean 23.72 Std Dev 13.43

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