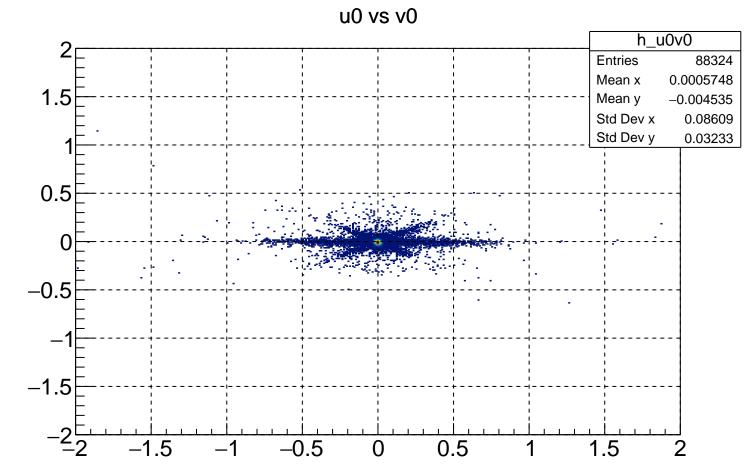
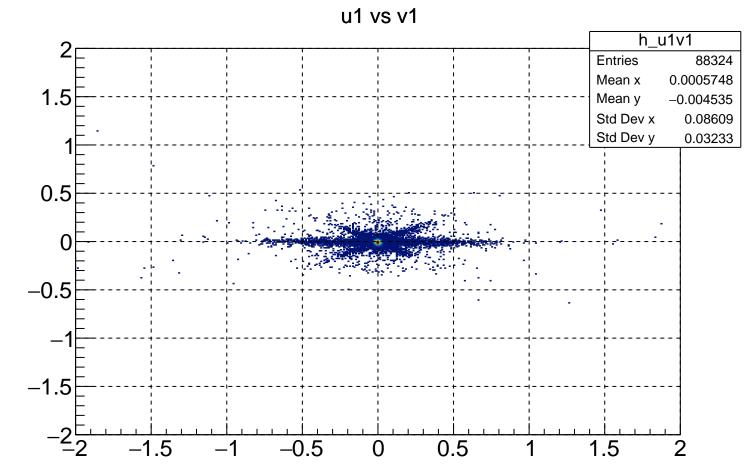
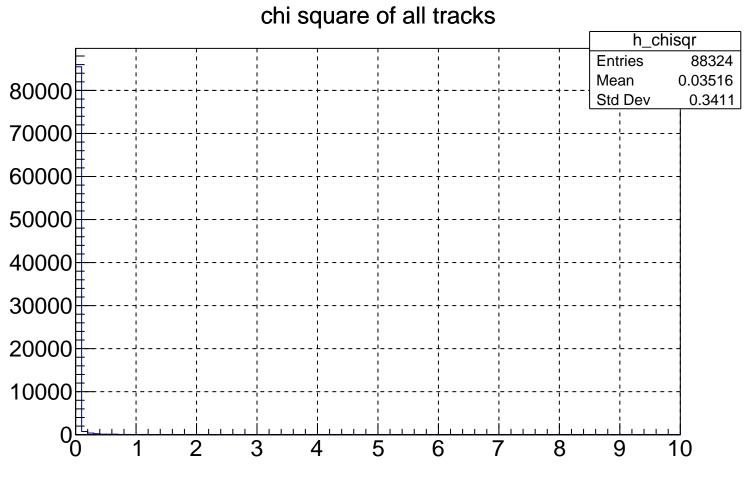
x0 vs y0 h_x0y0 200 **Entries** 88324 Mean x -1.903150 Mean y -4.69Std Dev x 34.14 Std Dev y 29.92 100 50 -50-100-150200 -150-10050 100 150

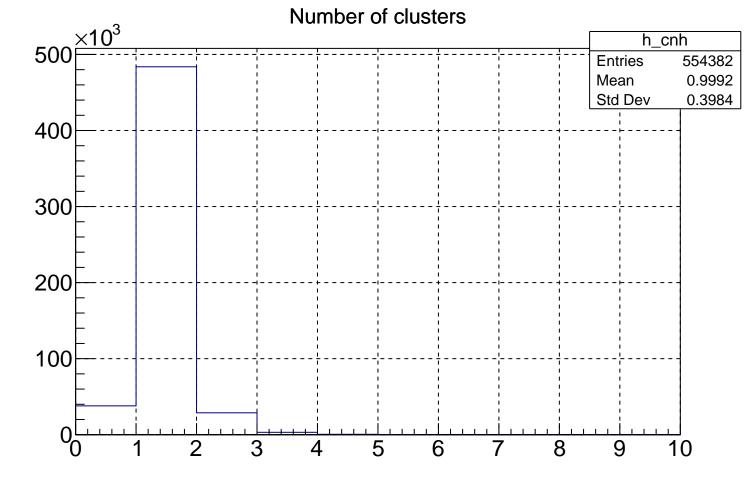


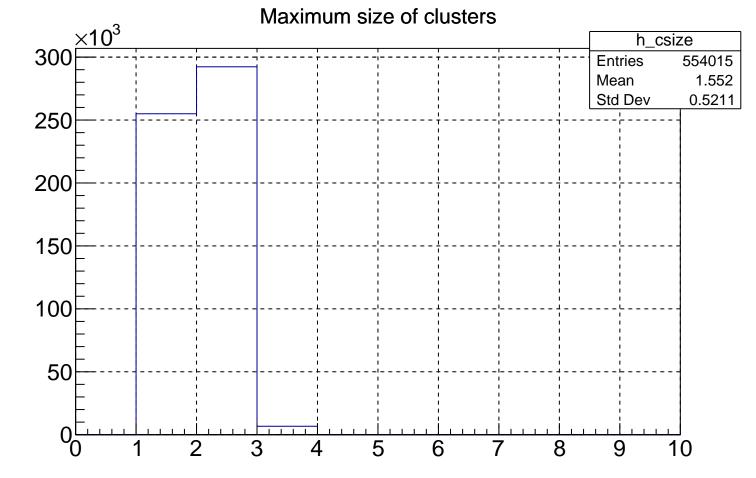
x1 vs y1 h_x1y1 200 **Entries** 88324 Mean x -0.8477150 Mean y -14.77Std Dev x 60.4 Std Dev y 65.36 100 50 -50-100-150-15050 100 150 200 -100





chi square after Prob h_chisqr_prob **Entries** 88324 80000 Mean 0.9882 Std Dev 0.08346 70000 60000 50000 40000 30000 20000 10000 0.4 0.6 8.0

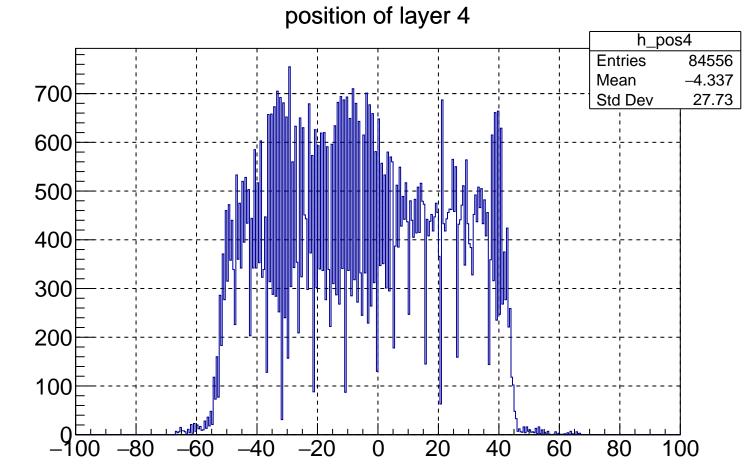




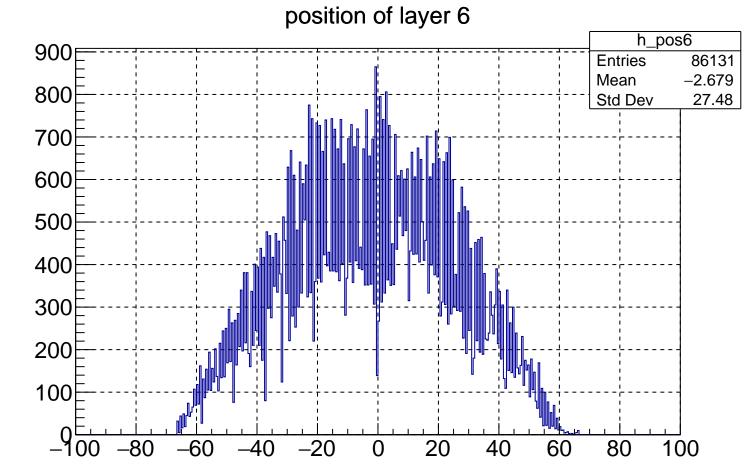
position of layer 1 h_pos1 **Entries** 50574 450 Mean -3.3526.45 Std Dev 400 350 300 250 200 150 100 50 -80-2020 40 60 80 100 -60

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

position of layer 3 h_pos3 Entries 52340 Mean -1.434500 26.22 Std Dev 400 300 200 100 -2020 40 60 80 100



position of layer 5 h_pos5 900 **Entries** 84791 Mean -4.401Std Dev 27.46 800 700 600 500 400 300 200 100 -20 -80 -60 20 40 60 80 100



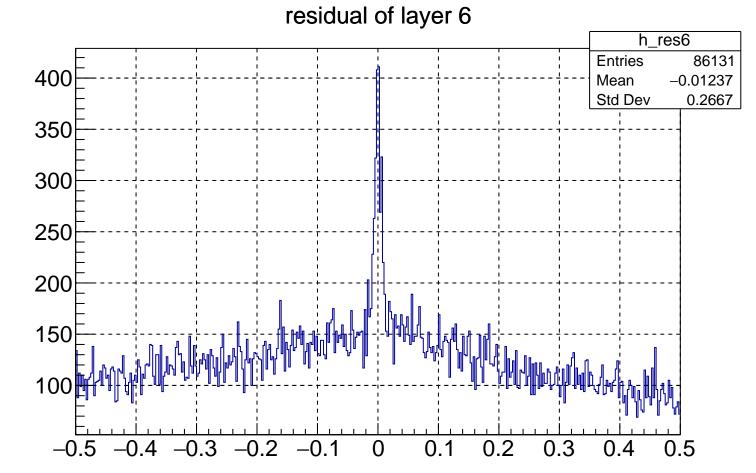
residual of layer 1 h_res1 24000 **Entries** 50574 Mean -0.000254222000 Std Dev 0.04082 20000 18000 16000 14000 12000 10000 8000 6000 4000 2000 -0.4 -0.3 -0.20.2 0.3 0.5 0.4 0.1

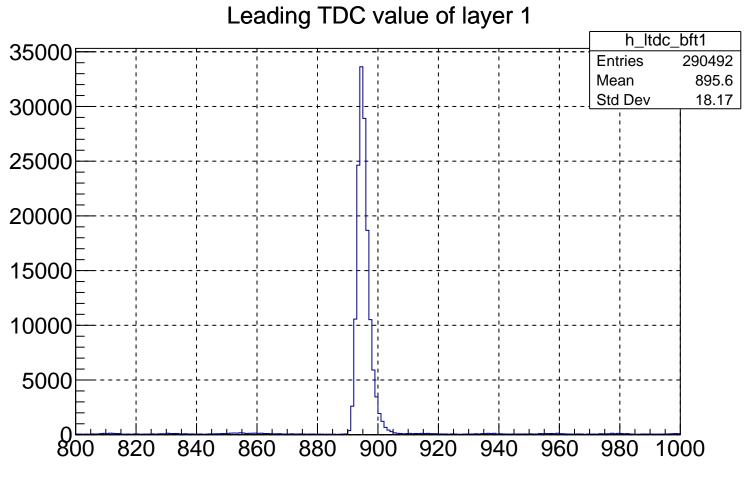
residual of layer 2 h_res2 40000 **Entries** 83228 Mean 4.571e-05 Std Dev 0.02148 35000 30000 25000 20000 15000 10000 5000 -0.4 -0.3 -0.2 -0.10.2 0.3 0.4 0.5 0.1

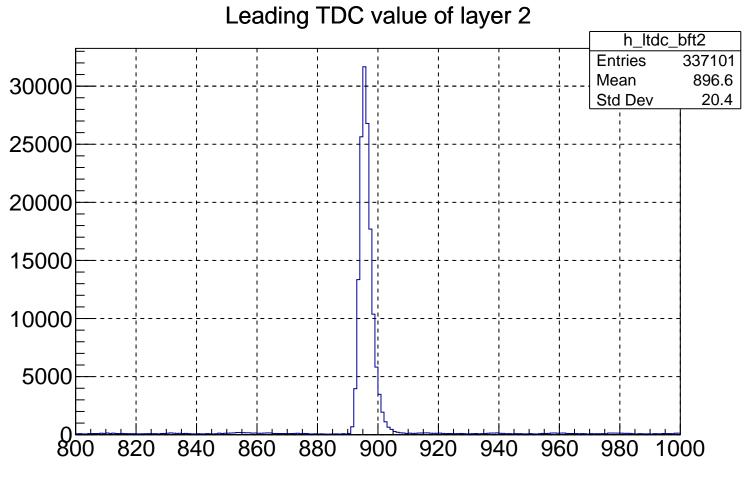
residual of layer 3 h_res3 25000 **Entries** 52340 Mean 5.489e-05 Std Dev 0.02747 20000 15000 10000 5000 -0.5 -0.4 -0.3 -0.2 -0.10.1 0.2 0.3 0.4 0.5

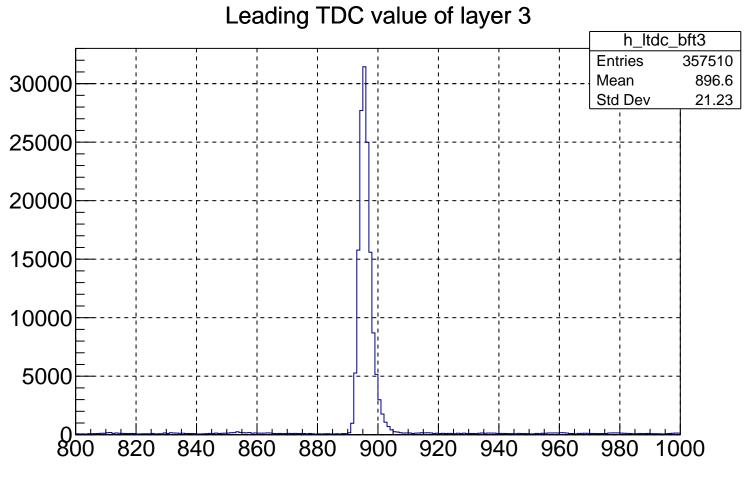
residual of layer 4 h_res4 45000 **Entries** 84556 Mean -1.059e-0740000 Std Dev 0.004155 35000 30000 25000 20000 15000 10000 5000 -0.4 -0.3 -0.2 -0.10.2 0.3 0.4 0.5 0.1

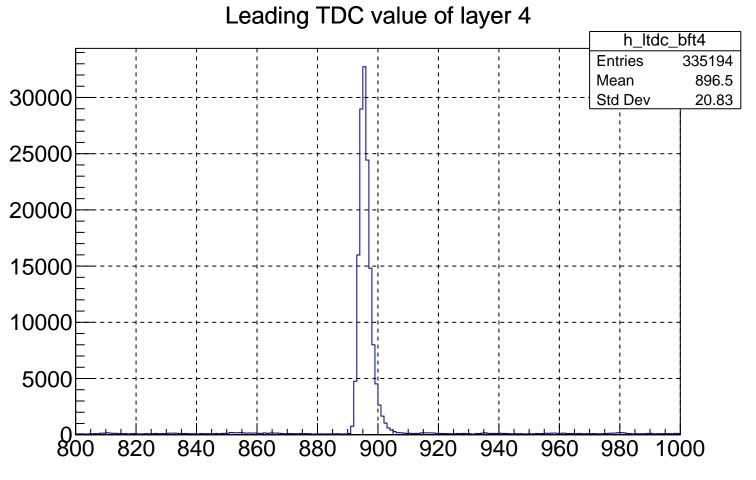
residual of layer 5 h_res5 45000 **Entries** 84791 Mean -6.279e-0740000 Std Dev 0.001196 35000 30000 25000 20000 15000 10000 5000 -0.4 -0.3 -0.20.2 0.3 0.4 0.5 0.1

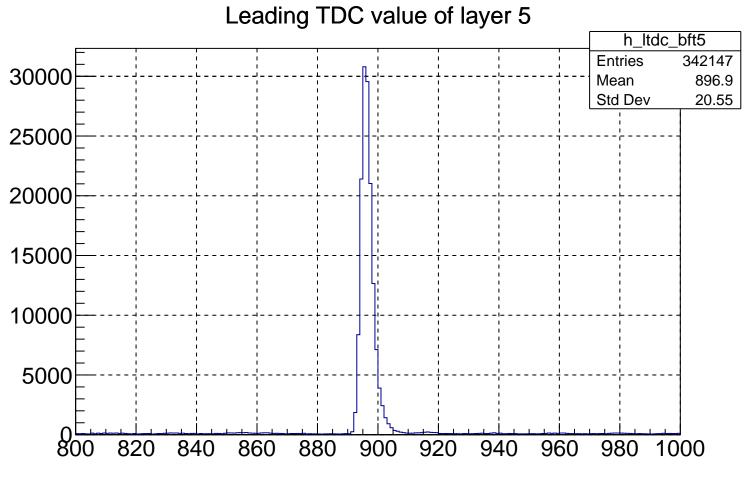


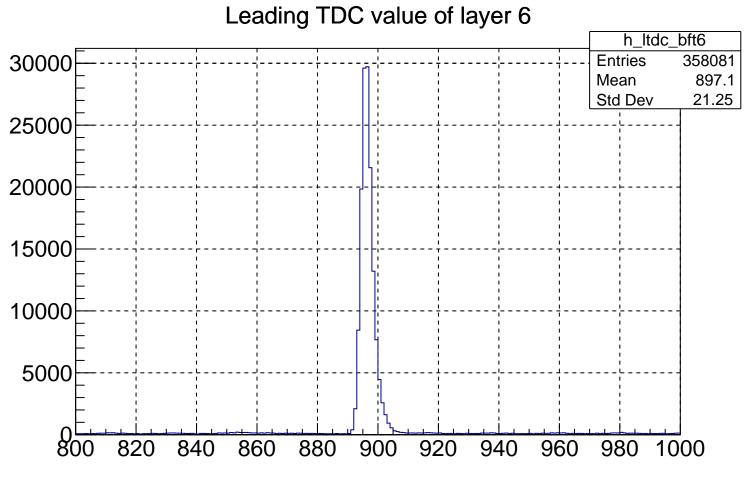












Time over threshold of layer 1 h_tot_bft1 Entries Mean 23.72 Std Dev 13.43

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