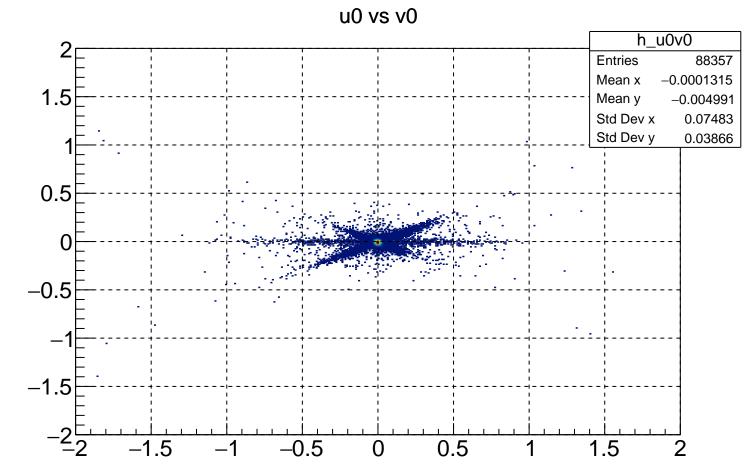
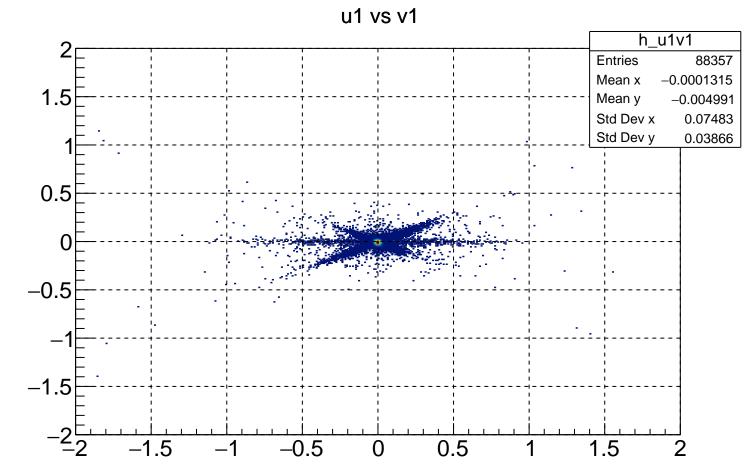
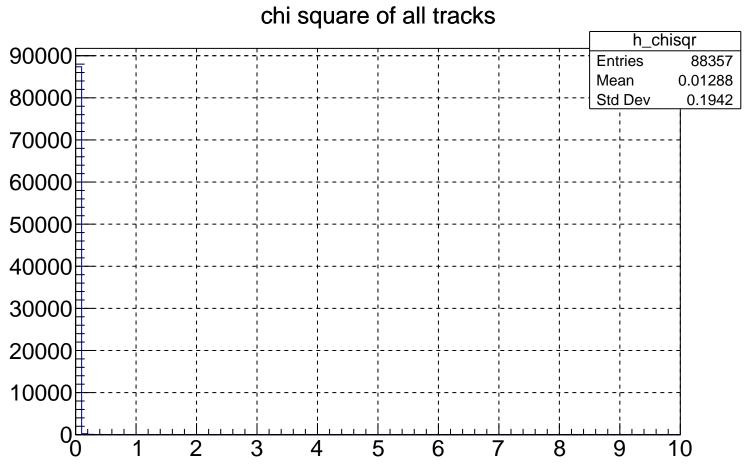
x0 vs y0 h_x0y0 200 **Entries** 88357 Mean x -1.95150 Mean y -4.814Std Dev x 32.15 Std Dev y 29.96 100 50 -50-100-150200 -150-100-5050 100 150

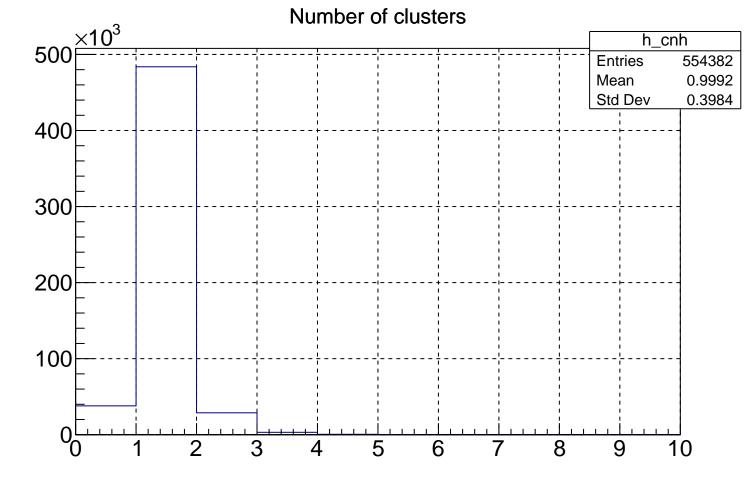


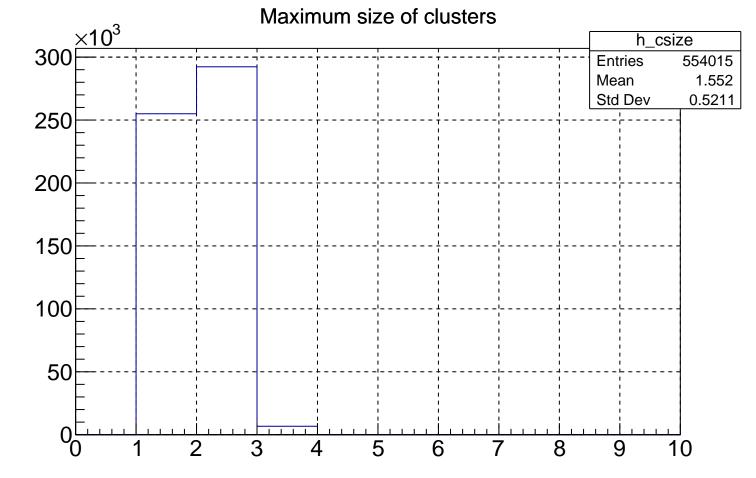
x1 vs y1 h_x1y1 200 □ **Entries** 88357 Mean x -0.9851150 Mean y -14.27Std Dev x 61.61 Std Dev y 66 100 50 -50-100-15050 100 150 200 -150-100

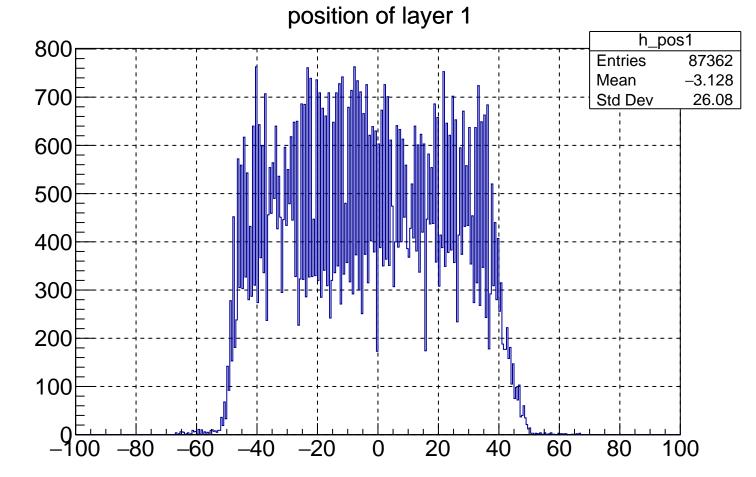




chi square after Prob h_chisqr_prob **Entries** 88357 Mean 0.995 80000 Std Dev 0.05416 70000 60000 50000 40000 30000 20000 10000 0.4 0.6 8.0

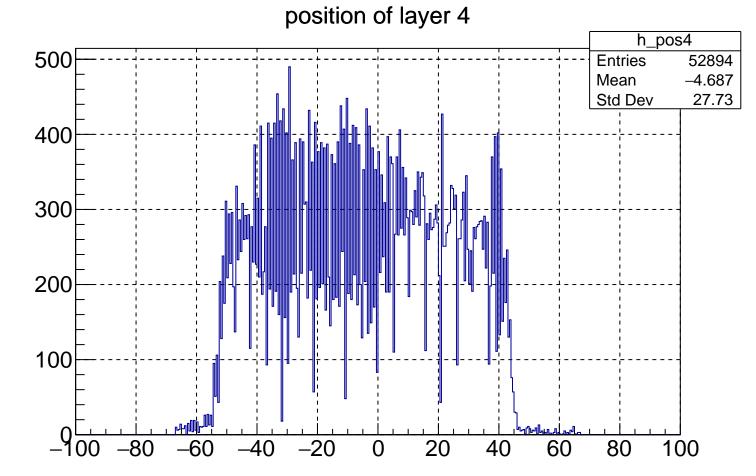




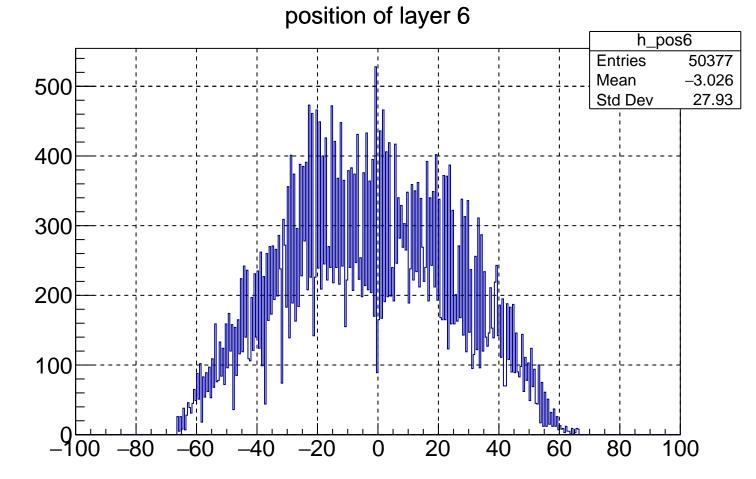


position of layer 2 h_pos2 **Entries** Mean -3.661Std Dev 25.88 -80-20

position of layer 3 h_pos3 **Entries** Mean -1.395Std Dev 25.81 -20



position of layer 5 h_pos5 900 **Entries** 84100 Mean -4.397800 Std Dev 27.59 700 600 500 400 300 200 100 -60 -80-2020 40 60 80 100



residual of layer 1 h_res1 500 **Entries** 87362 Mean -0.004838450 Std Dev 0.2463 400 350 300 250 200 150 100 -0.3-0.20.2 0.3 0.4 0.5 -0.40.1

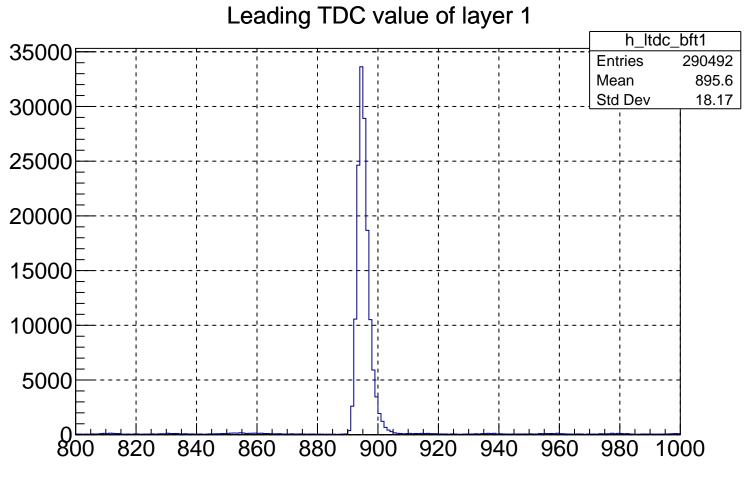
residual of layer 2 h_res2 **Entries** 84081 Mean -5.674e-0640000 Std Dev 0.0007299 35000 30000 25000 20000 15000 10000 5000 -0.4 -0.3 -0.2 -0.10.2 0.3 0.4 0.5 0.1

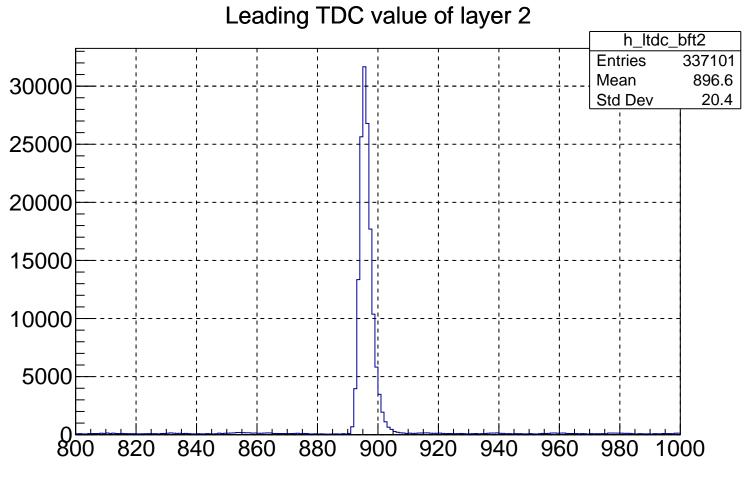
residual of layer 3 h_res3 **Entries** 82971 40000 Mean -1.192e-05 Std Dev 0.001468 35000 30000 25000 20000 15000 10000 5000 -0.4 -0.3 -0.2 -0.10.2 0.3 0.4 0.5 0.1

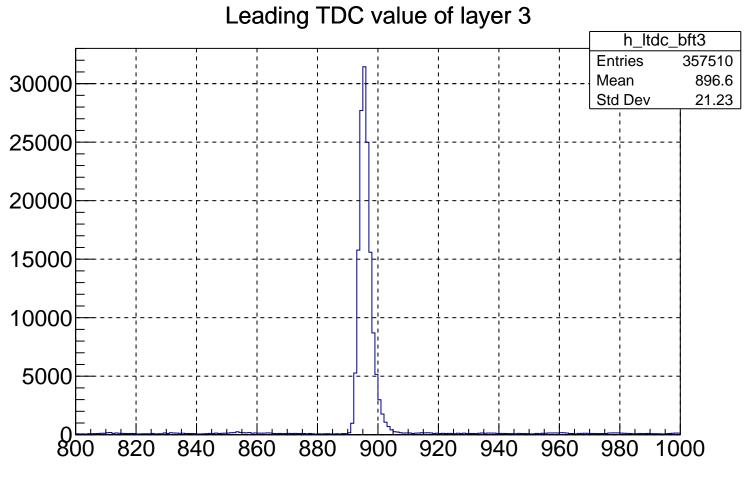
residual of layer 4 h_res4 **Entries** 52894 25000 Mean 0.0004358 Std Dev 0.02506 20000 15000 10000 5000 -0.5 -0.4 -0.3 -0.2 -0.10.1 0.2 0.3 0.4 0.5

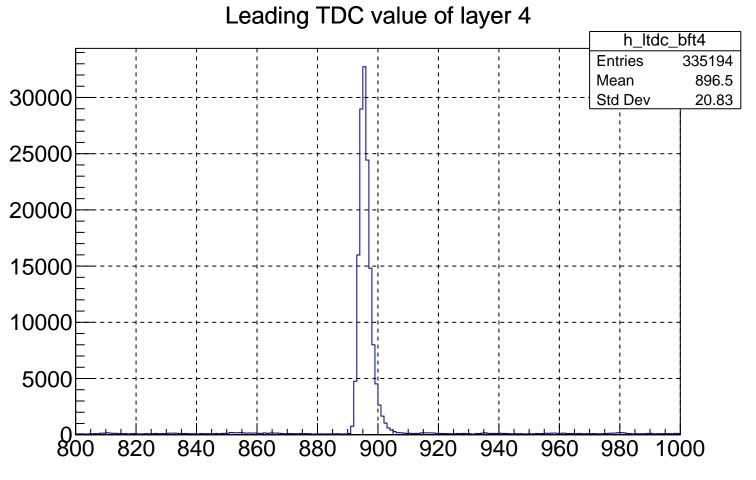
residual of layer 5 h_res5 **Entries** 84100 Mean -0.000206440000 Std Dev 0.0129 35000 30000 25000 20000 15000 10000 5000 -0.4 -0.3 -0.2 -0.10.2 0.3 0.4 0.5 0.1

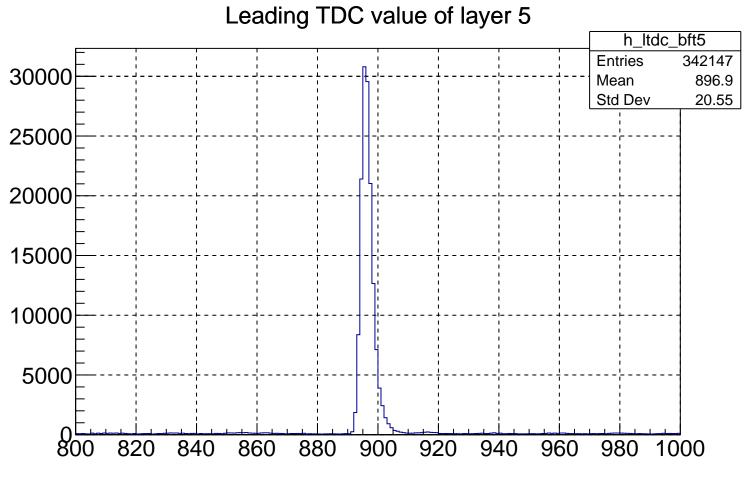
residual of layer 6 h_res6 25000 **Entries** 50377 Mean -0.0003376Std Dev 0.01633 20000 15000 10000 5000 -0.5 -0.4 -0.3 -0.2 -0.10.1 0.2 0.3 0.4 0.5

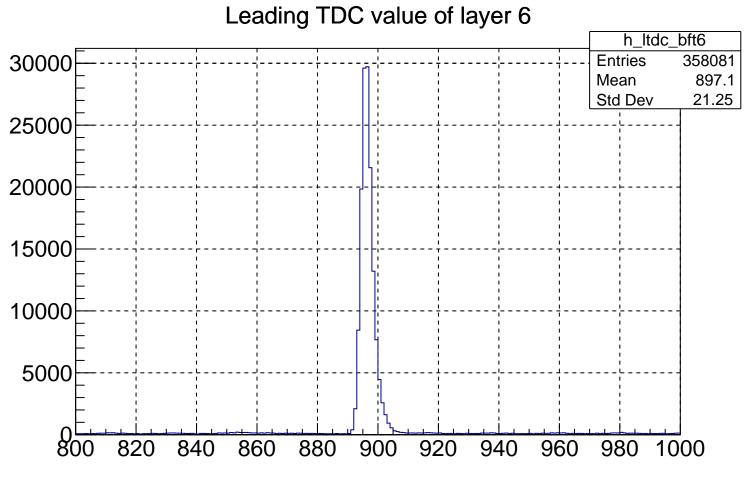












Time over threshold of layer 1 h_tot_bft1 Entries Mean 23.72 Std Dev 13.43

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