x0 vs residual(layer 1) h_x0_res1 **Entries** 380918 Mean x -4.581.5 Mean y -0.02187Std Dev x 30.61 Std Dev y 0.2356 0.5 -0.5-1.560 80 100

x0 vs residual(layer 2) h_x0_res2 **Entries** 380918 Mean x -4.5831.5 Mean y 0.0129 Std Dev x 30.62 Std Dev y 0.1473 0.5 -0.5-1.5100 60 80

x0 vs residual(layer 3) h_x0_res3 **Entries** 380918 Mean x -4.5821.5 Mean y 0.0132 Std Dev x 30.62 Std Dev y 0.1498 0.5 -0.5-1.560 80 100

x0 vs residual(layer 4) h_x0_res4 **Entries** 380918 Mean x -4.5911.5 Mean y -0.004512Std Dev x 30.62 Std Dev y 0.2325 0.5 -0.5-1.560 80 100

x0 vs residual(layer 5) h_x0_res5 **Entries** 380918 Mean x -4.5881.5 Mean y 0.002261 Std Dev x 30.62 Std Dev y 0.1366 0.5 -0.5-1.560 80 100

x0 vs residual(layer 6) h_x0_res6 **Entries** 380918 Mean x -4.5881.5 Mean y 0.001989 Std Dev x 30.62 Std Dev y 0.1344 0.5 -0.5-1.5-20100 60 80

y0 vs residual(layer 1) h_y0_res1 **Entries** 380918 Mean x -1.9521.5 Mean y -0.02182Std Dev x 29.17 Std Dev y 0.2355 0.5 -0.5-1.560 80 100

y0 vs residual(layer 2) h_y0_res2 **Entries** 380918 -1.954Mean x 1.5 Mean y 0.01288 Std Dev x 29.18 Std Dev y 0.147 0.5 -0.5-1.560 80 100

y0 vs residual(layer 3) h_y0_res3 **Entries** 380918 Mean x -1.9541.5 Mean y 0.01317 Std Dev x 29.18 Std Dev y 0.1495 0.5 -0.5-1.5-2060 80 100

y0 vs residual(layer 4) h_y0_res4 380918 **Entries** Mean x -1.9491.5 Mean y -0.004533Std Dev x 29.17 Std Dev y 0.2319 0.5 -0.5-1.560 80 100

y0 vs residual(layer 5) h_y0_res5 380918 **Entries** Mean x -1.951.5 Mean y 0.002305 Std Dev x 29.18 Std Dev y 0.1361 0.5 -0.5-1.5-2060 80 100 40

y0 vs residual(layer 6) h_y0_res6 380918 **Entries** Mean x -1.951.5 Mean y 0.002023 Std Dev x 29.18 Std Dev y 0.1338 0.5 -0.5-1.5-2060 80 100

hit position vs residual(layer 1) h_pos_res1 **Entries** 380918 Mean x -2.8061.5 Mean y -0.02188Std Dev x 27.08 Std Dev y 0.236 0.5 -0.5-1.580 100 60

hit position vs residual(layer 2) h_pos_res2 **Entries** 380918 Mean x -3.5591.5 Mean y 0.01291 Std Dev x 26.97 Std Dev y 0.1476 0.5 -0.5-1.5-2080 100 60

hit position vs residual(layer 3) h_pos_res3 **Entries** 380918 Mean x -1.2961.5 Mean y 0.01321 Std Dev x 26.73 Std Dev y 0.1501 0.5 -0.5-1.560 80 100

hit position vs residual(layer 4) h_pos_res4 **Entries** 380918 -3.835Mean x 1.5 Mean y -0.004533Std Dev x 28.89 Std Dev y 0.2327 0.5 -0.5-1.5-2060 80 100

hit position vs residual(layer 5) h_pos_res5 **Entries** 380918 -4.376Mean x 1.5 Mean y 0.002303 Std Dev x 28.76 Std Dev y 0.1369 0.5 -0.5-1.580 100 60

hit position vs residual(layer 6) h_pos_res6 **Entries** 380918 -2.305Mean x 1.5 Mean y 0.00203 Std Dev x 28.43 Std Dev y 0.1346 0.5 -0.5-1.580 100 60