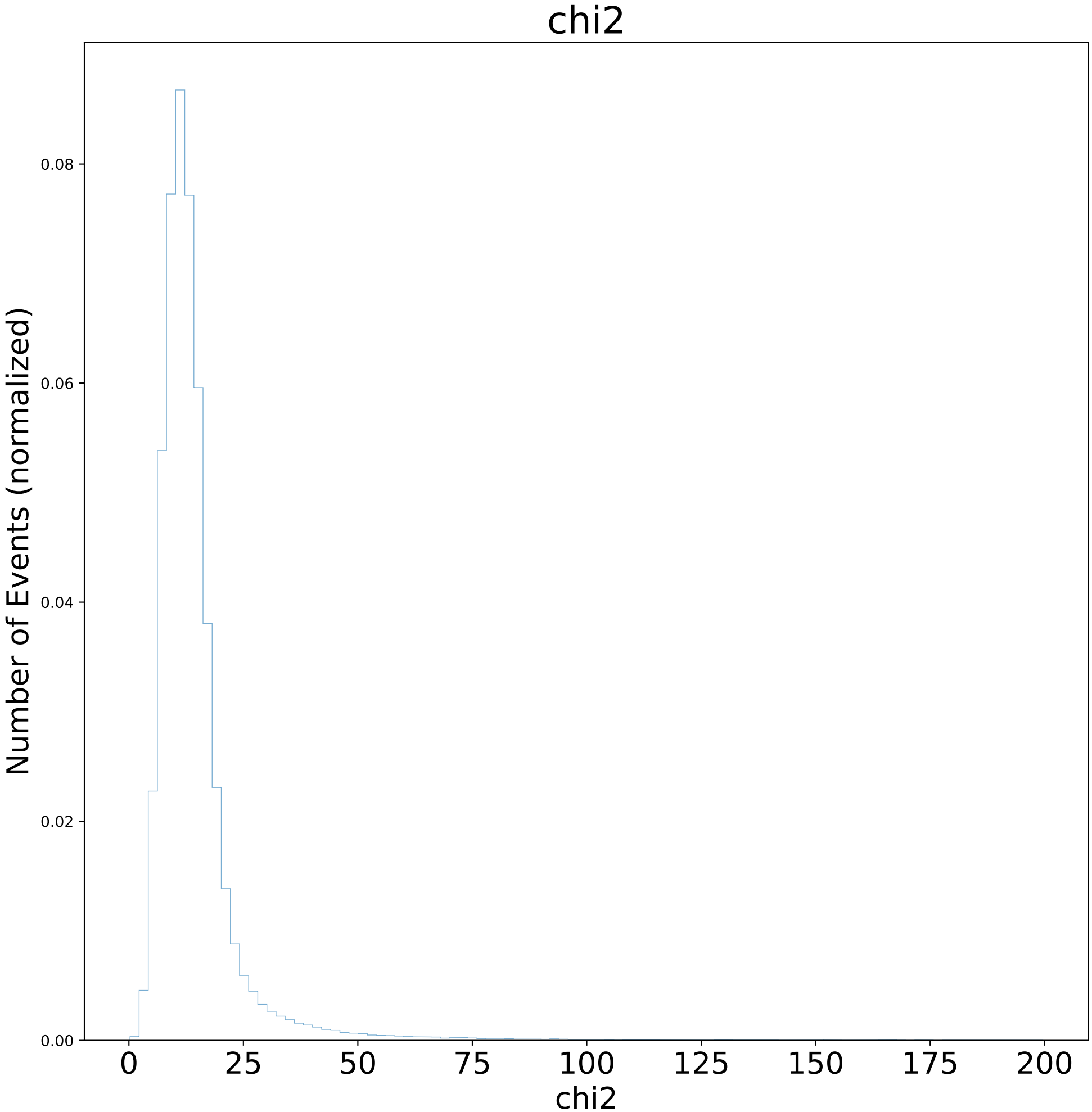
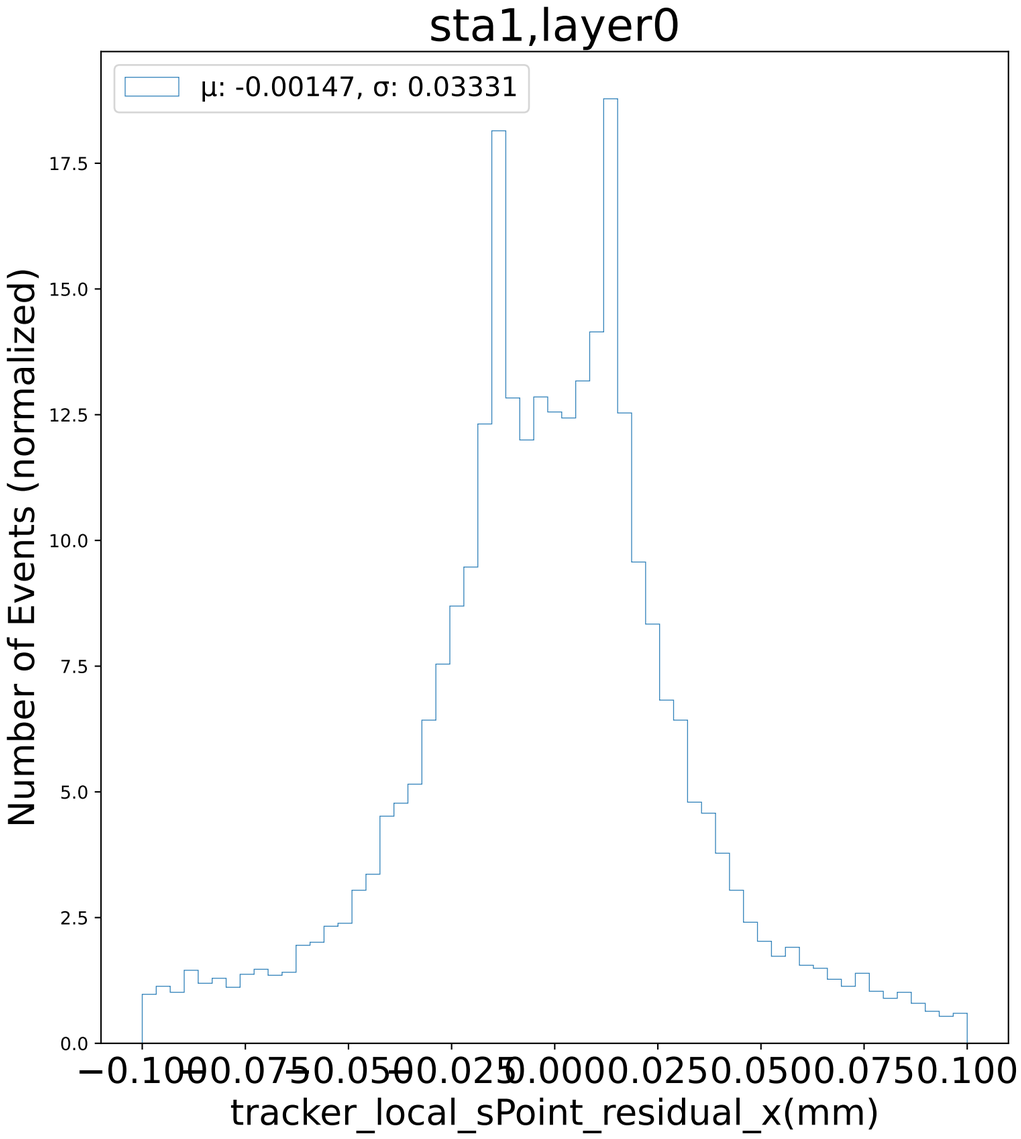
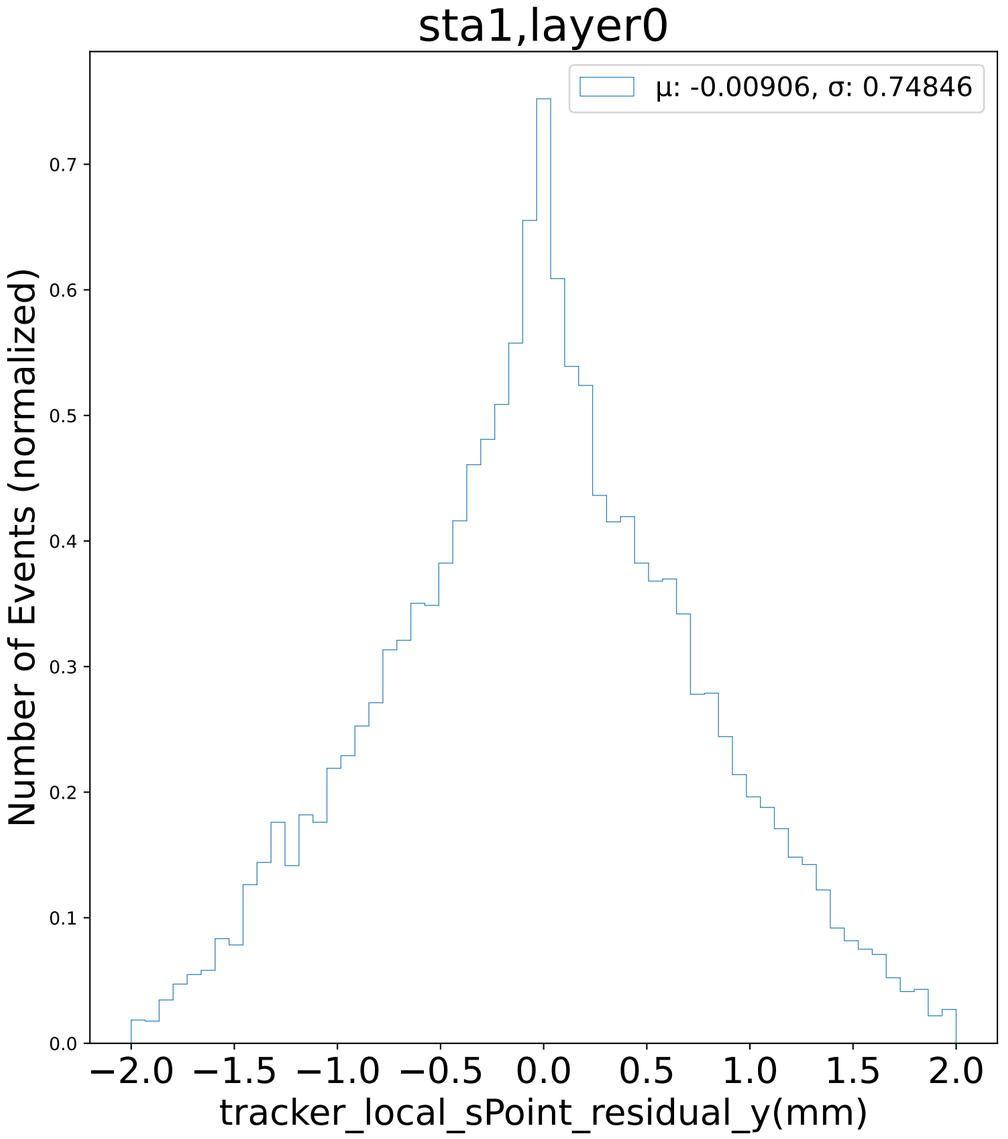
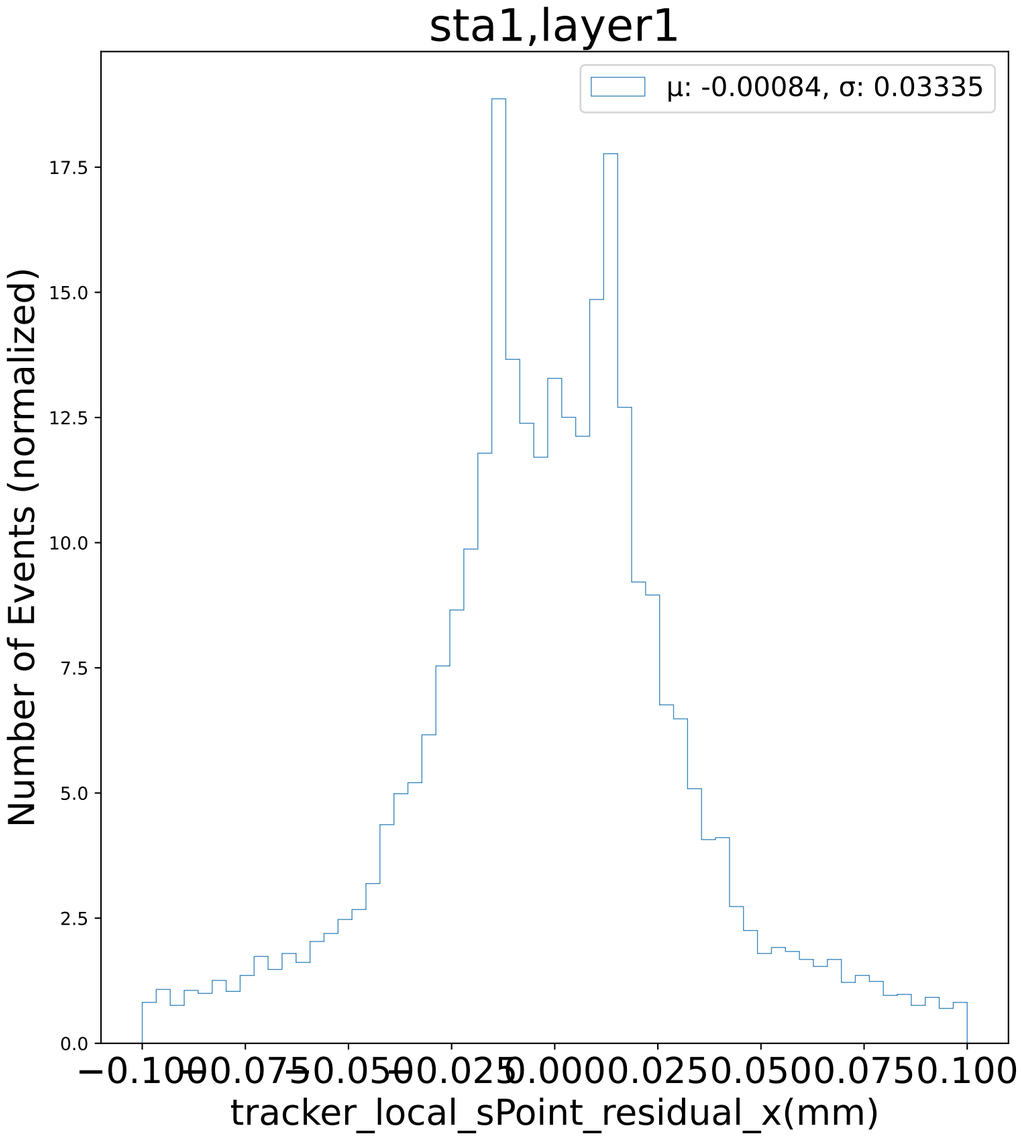
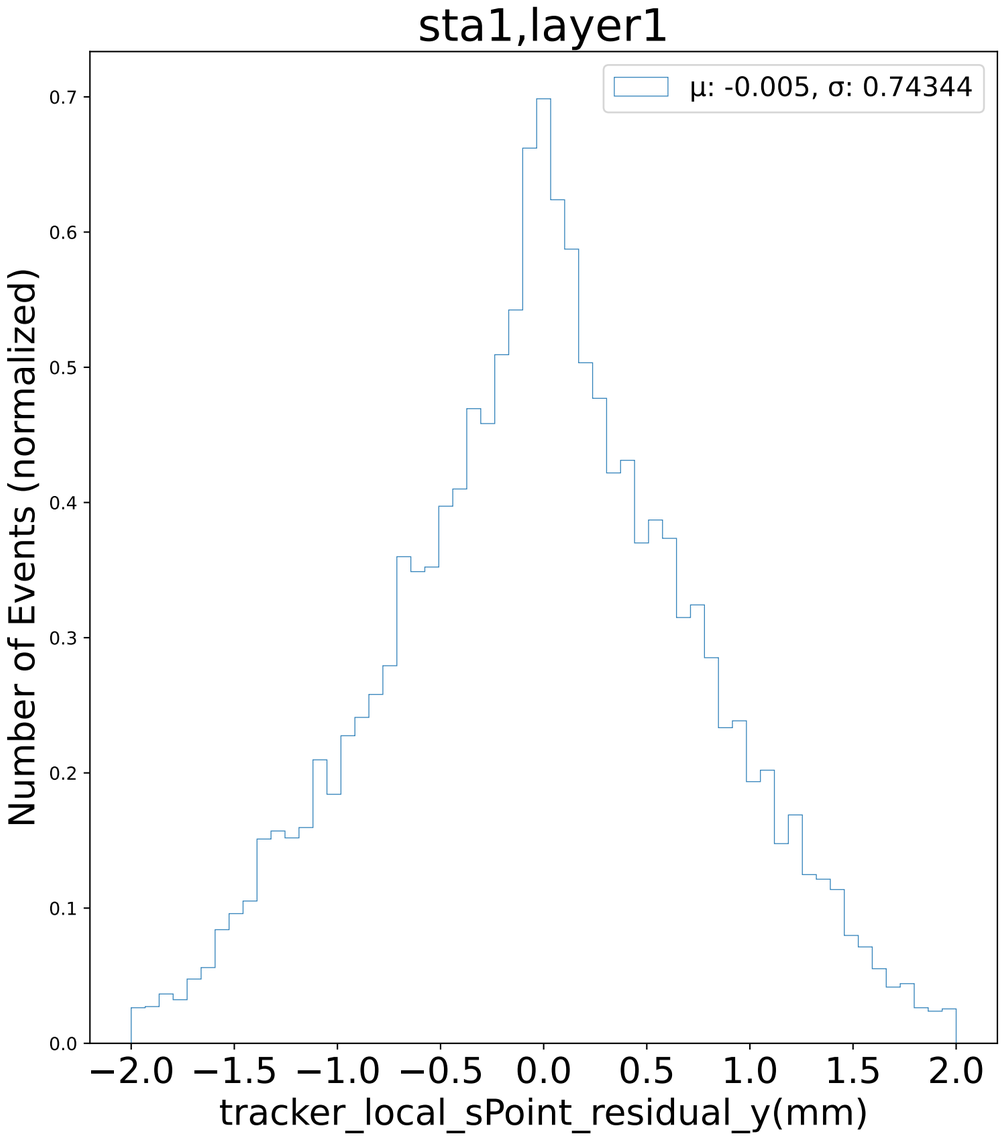
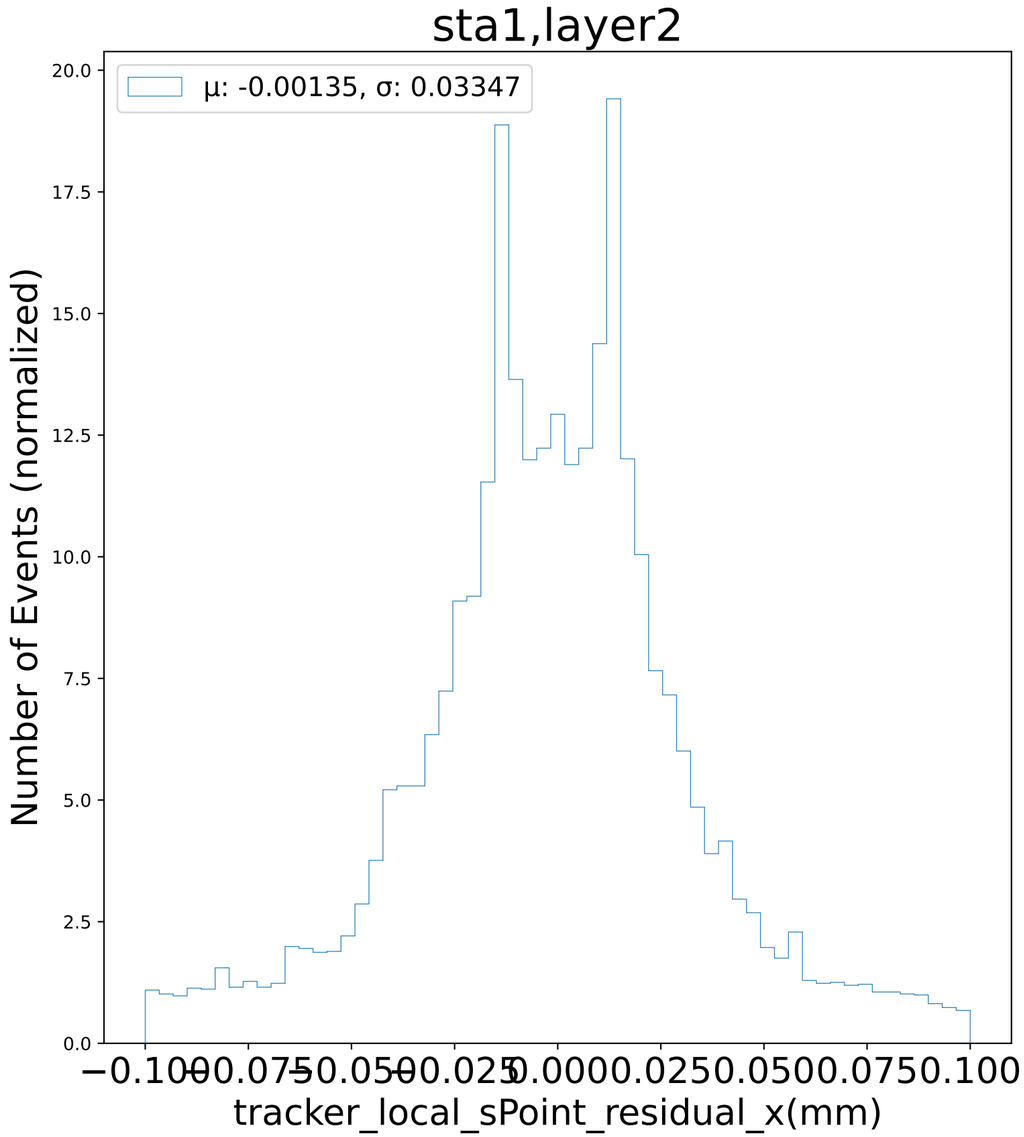

chi2
Number of Events (normalized)
0.00
0.02
0.04
0.06
0.08
0
25
50
75
100
125
150
175
200
chi2

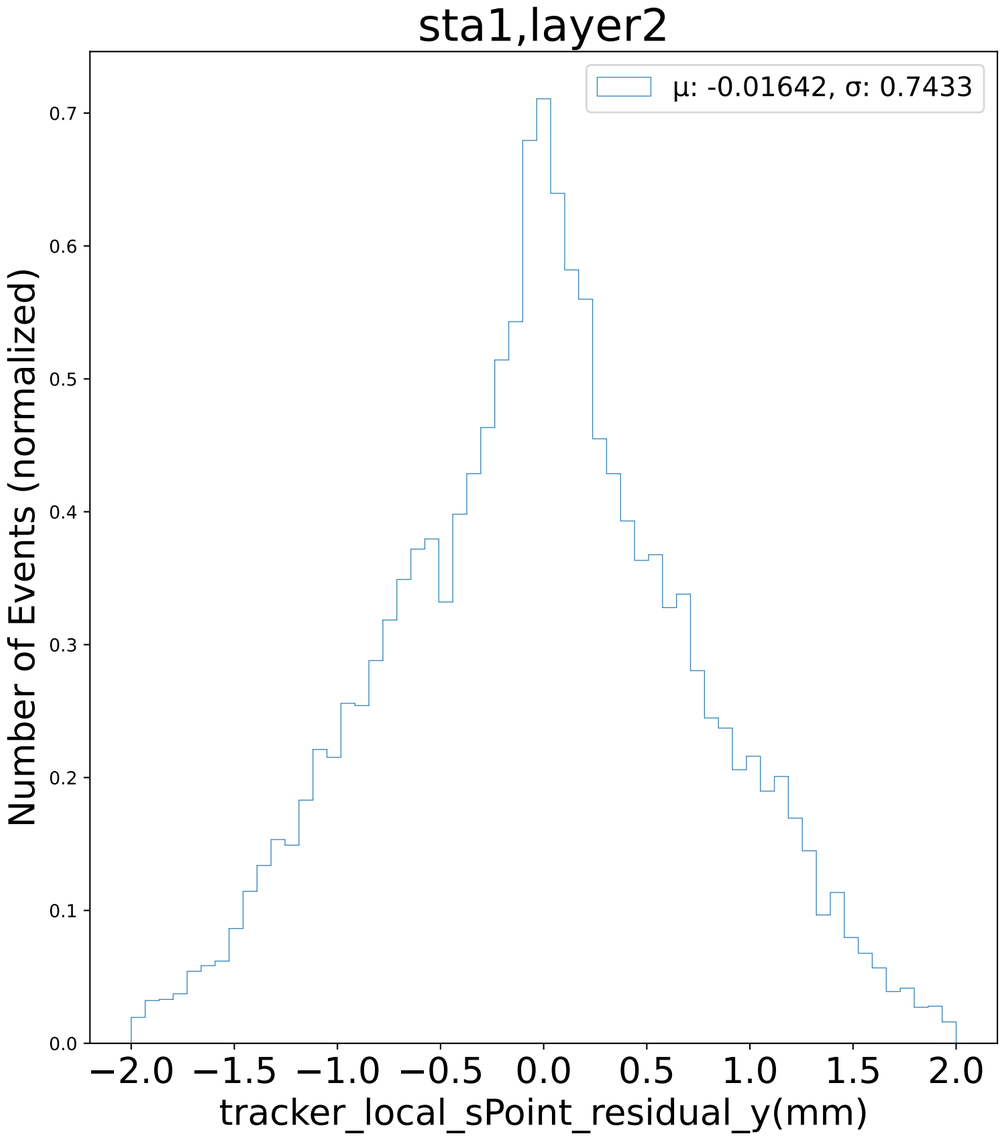

sta1,layer0
μ: -0.00147, σ: 0.03331
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

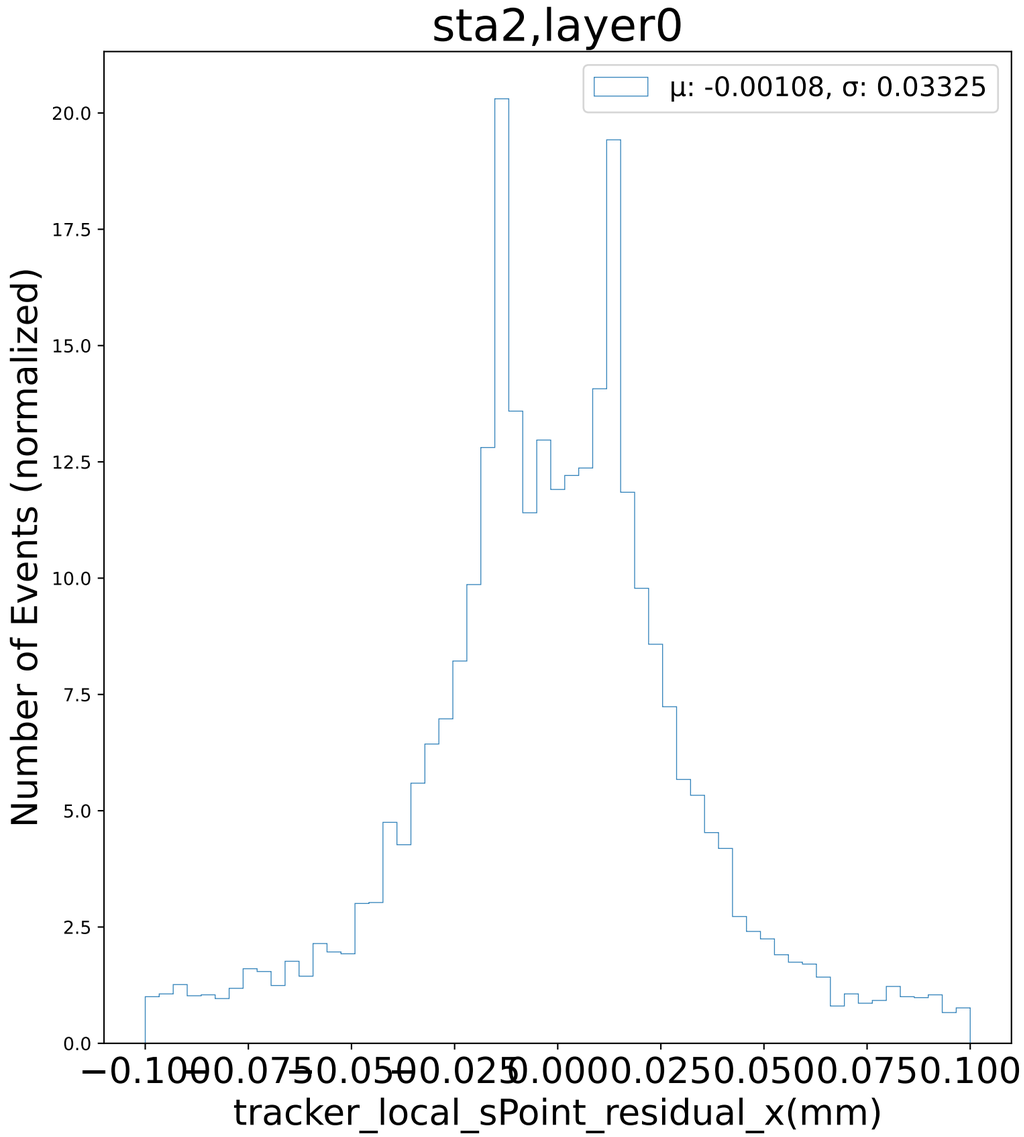

sta1,layer0
μ: -0.00906, σ: 0.74846
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

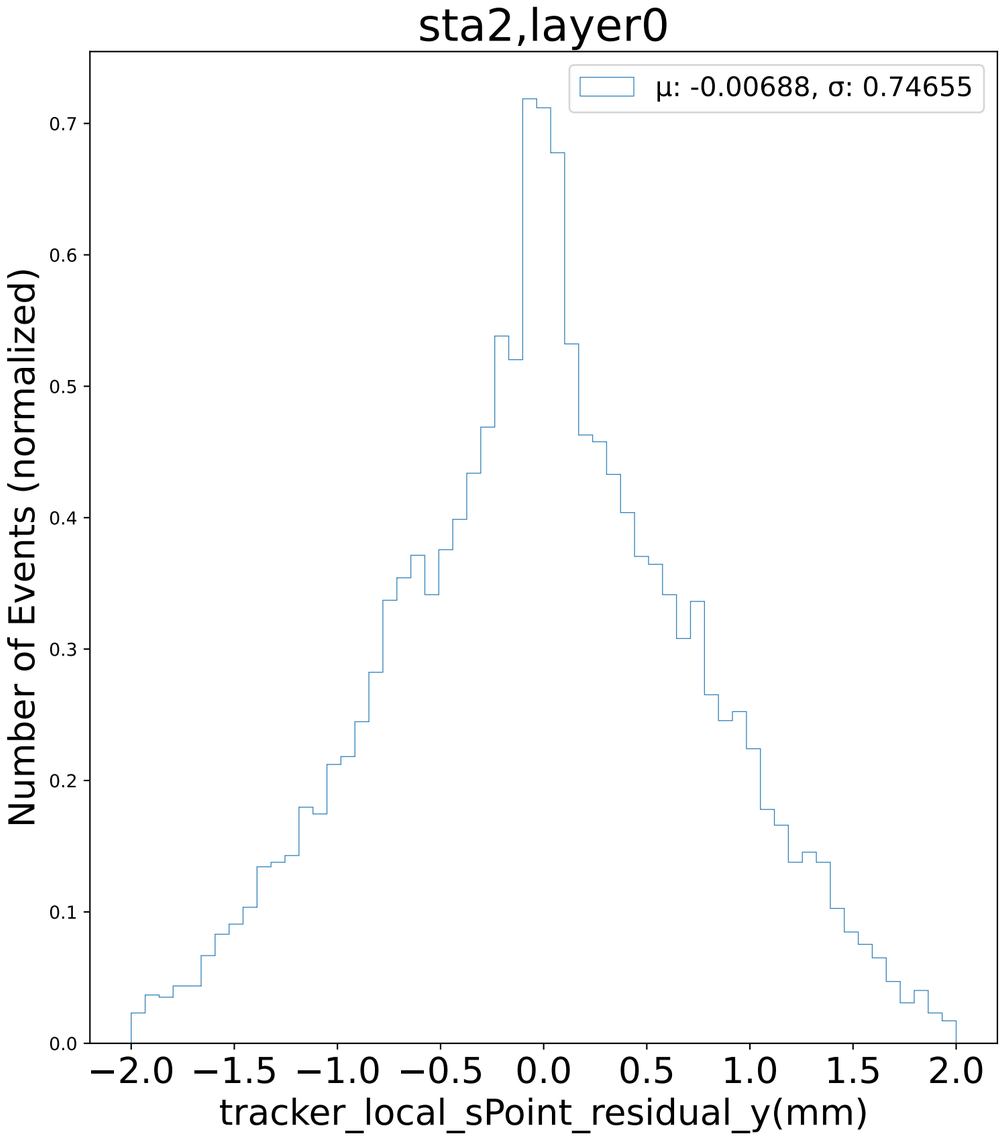

sta1,layer1
μ: -0.00084, σ: 0.03335
Number of Events (normalized)
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
tracker_local_sPoint_residual_x(mm)

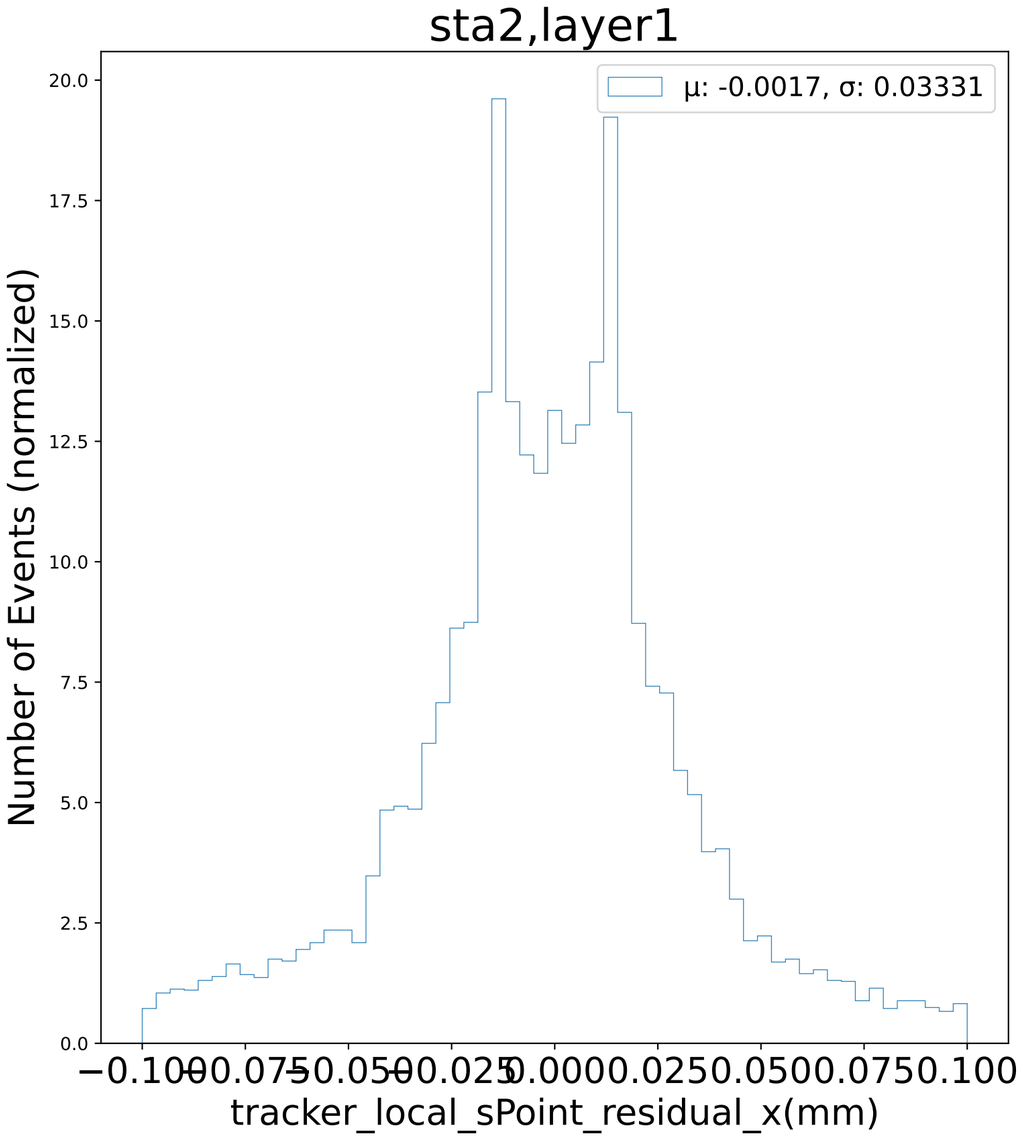

sta1,layer1
μ: -0.005, σ: 0.74344
Number of Events (normalized)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0
tracker_local_sPoint_residual_y(mm)

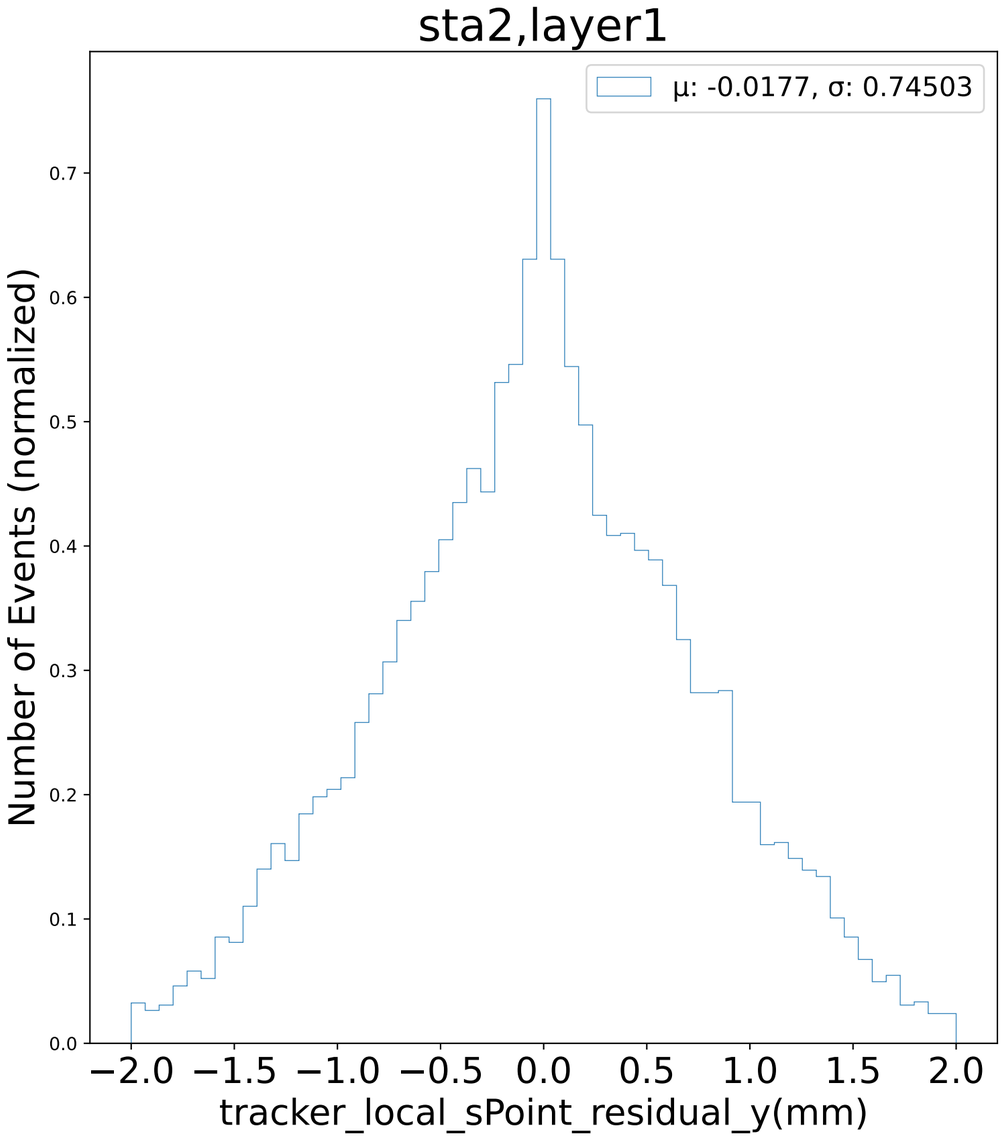

sta1,layer2
μ: -0.00135, σ: 0.03347
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

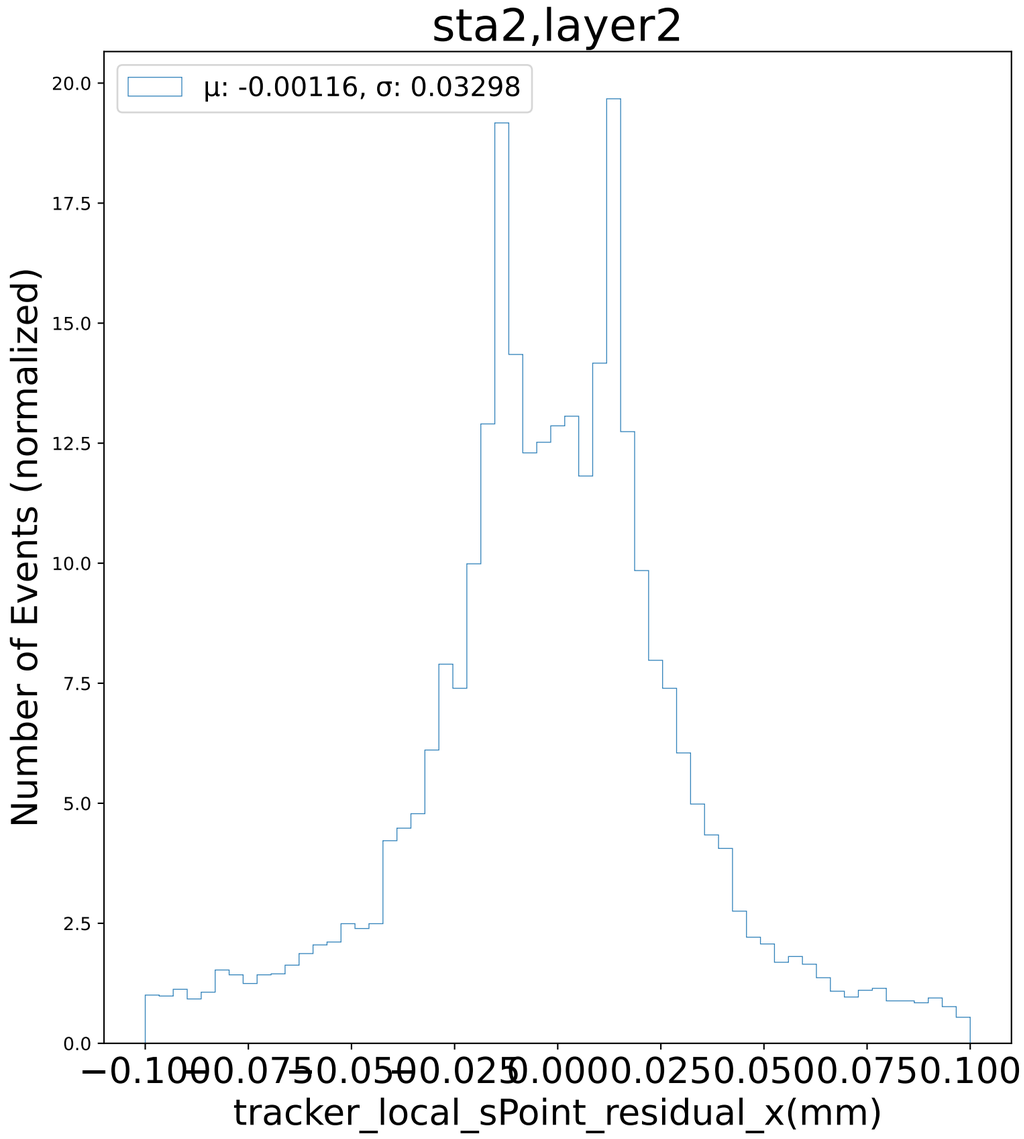

sta1,layer2
μ: -0.01642, σ: 0.7433
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

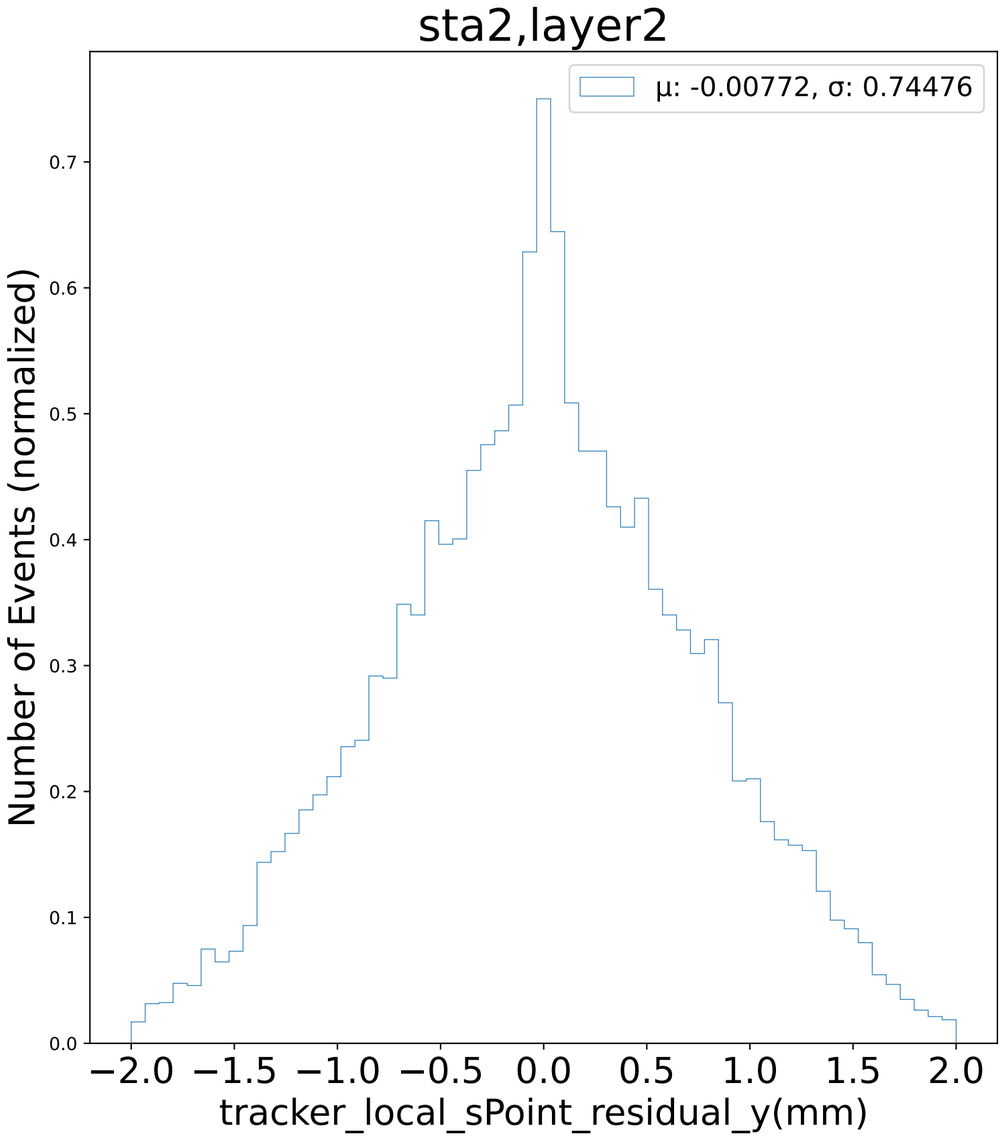

sta2,layer0
μ: -0.00108, σ: 0.03325
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

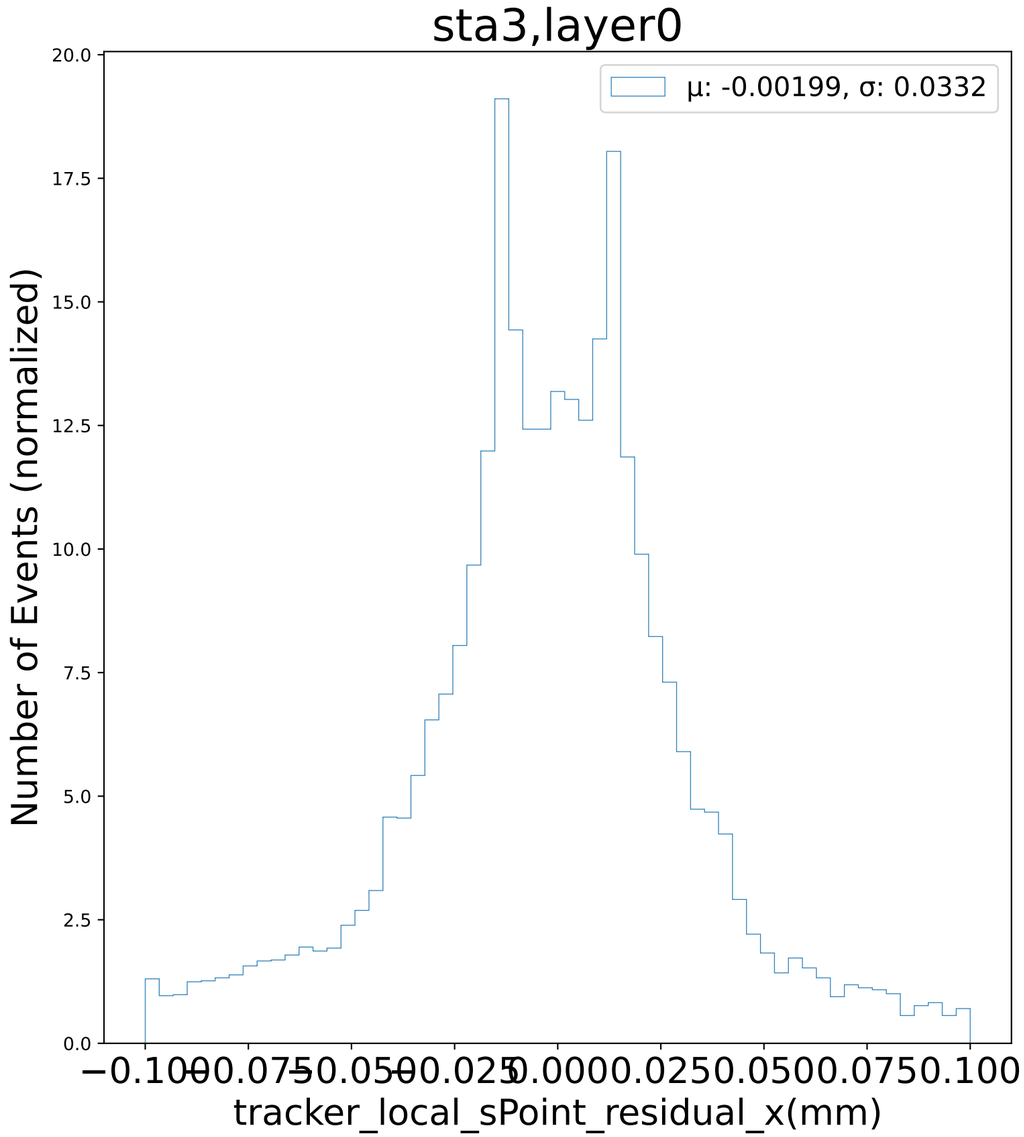

sta2,layer0
μ: -0.00688, σ: 0.74655
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

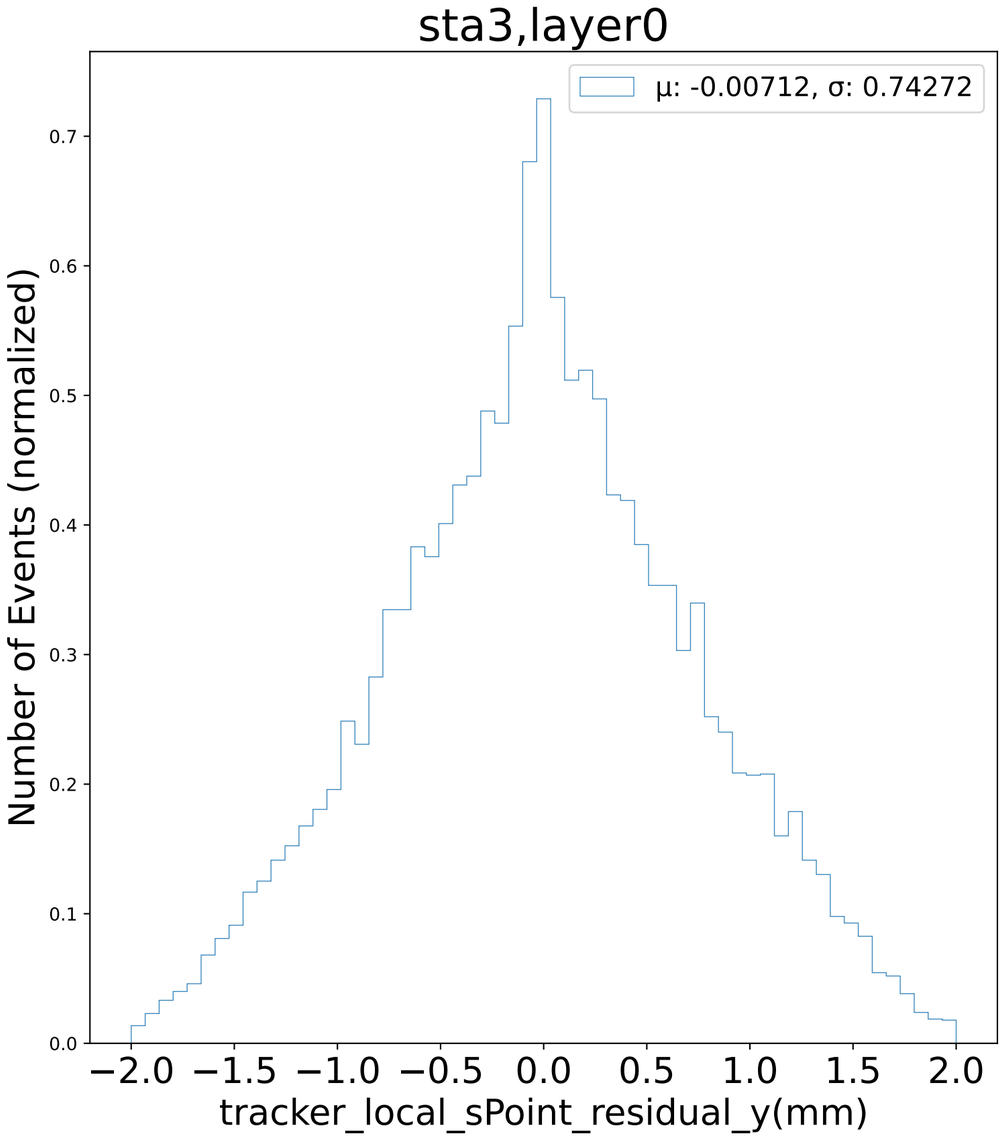

sta2,layer1
μ: -0.0017, σ: 0.03331
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

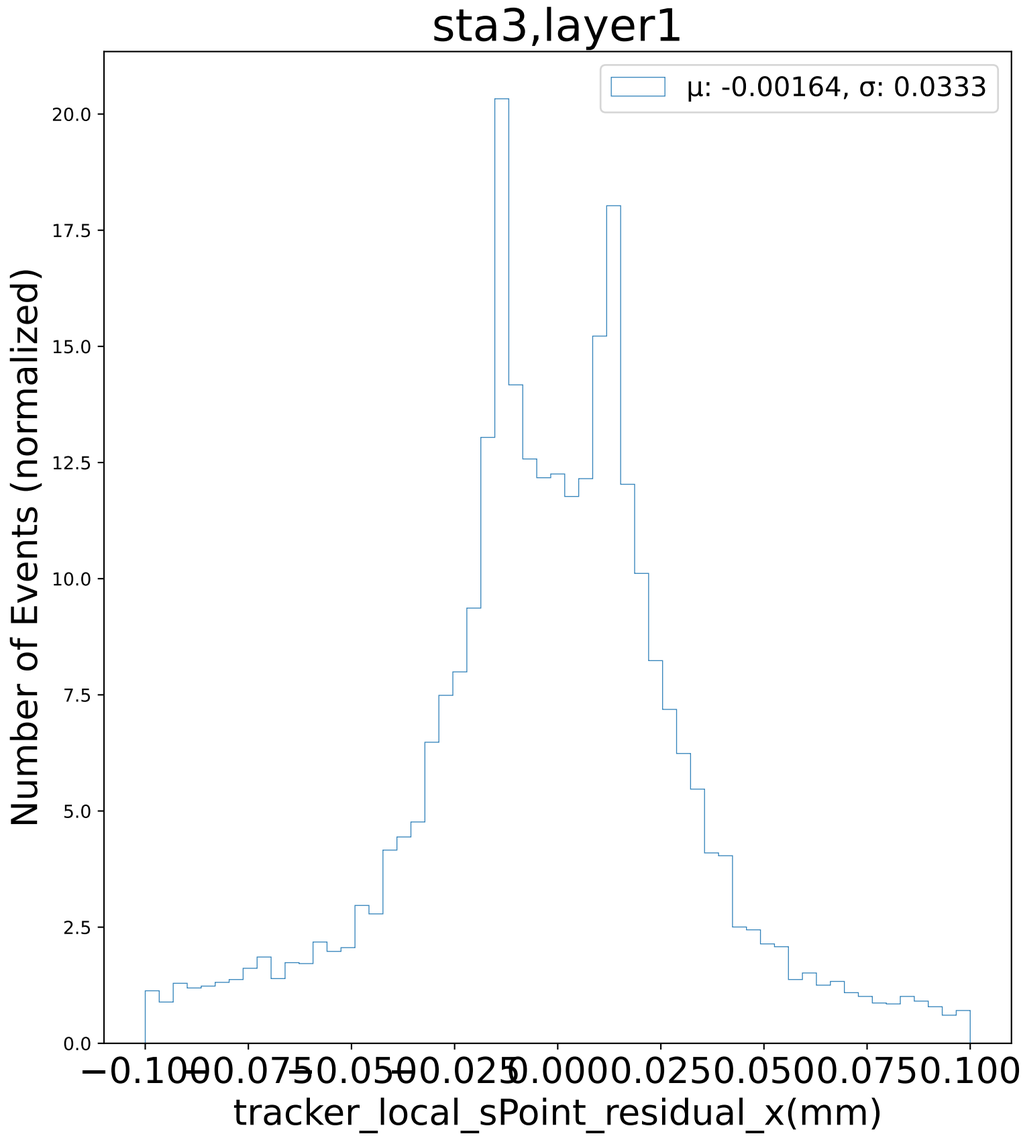

sta2,layer1
μ: -0.0177, σ: 0.74503
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

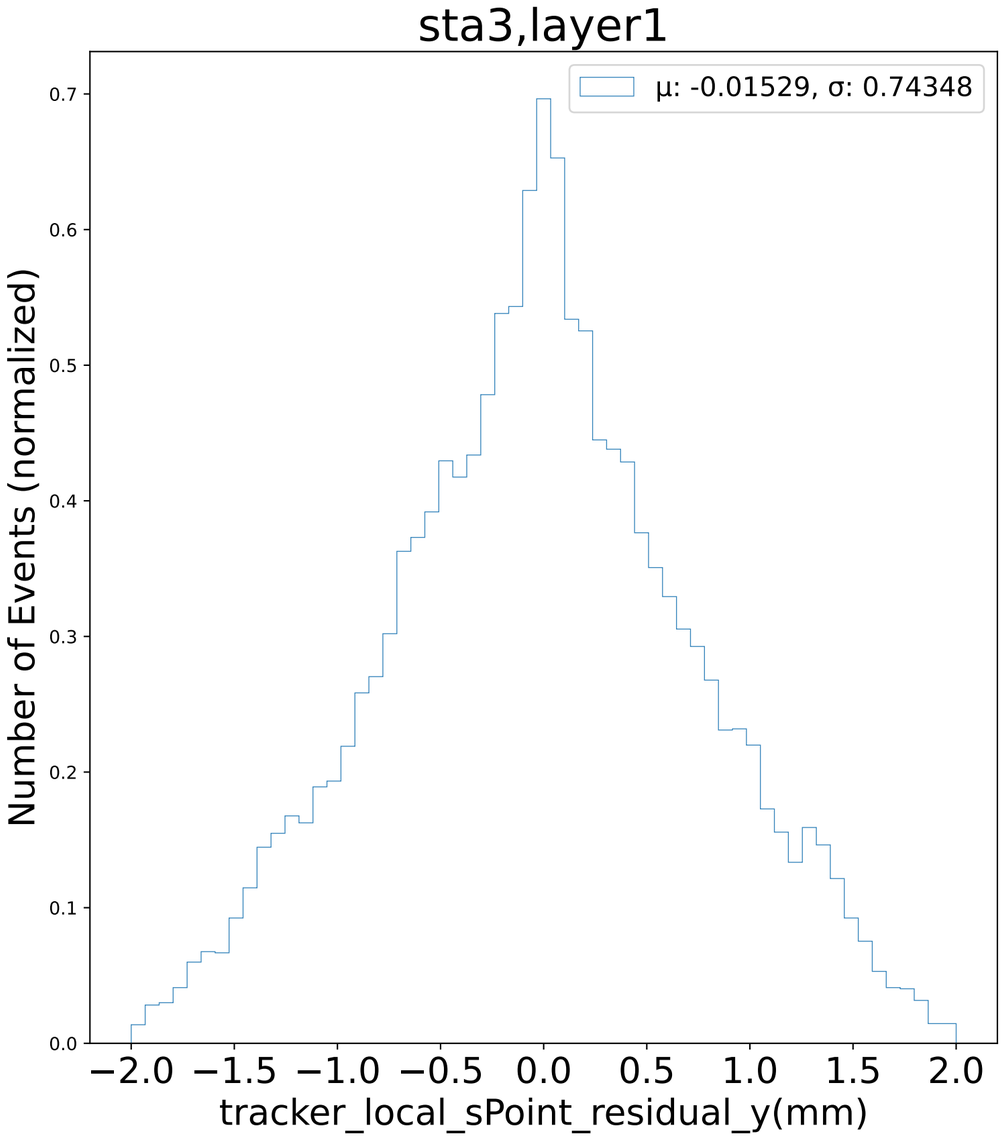

sta2,layer2
μ: -0.00116, σ: 0.03298
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

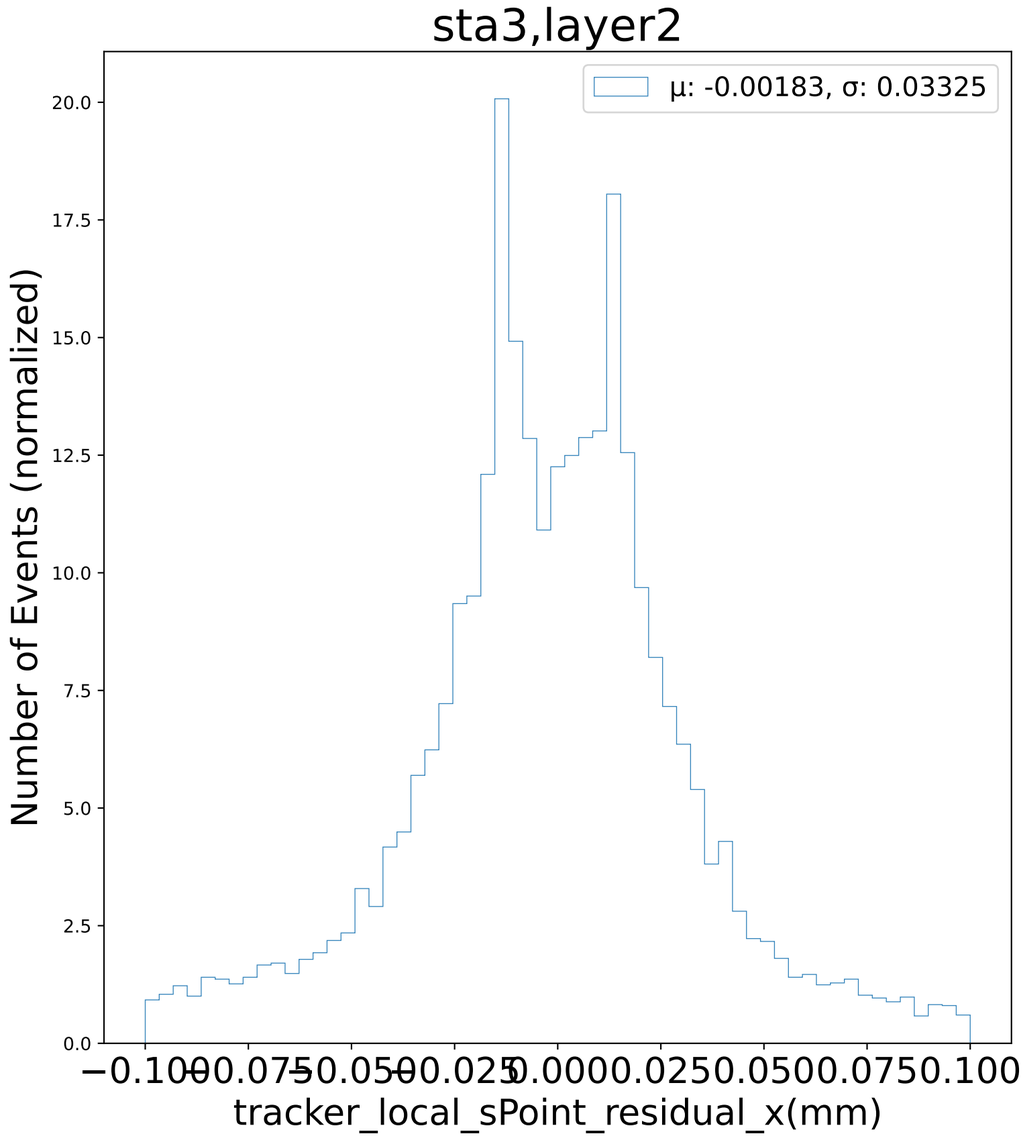

sta2,layer2
μ: -0.00772, σ: 0.74476
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

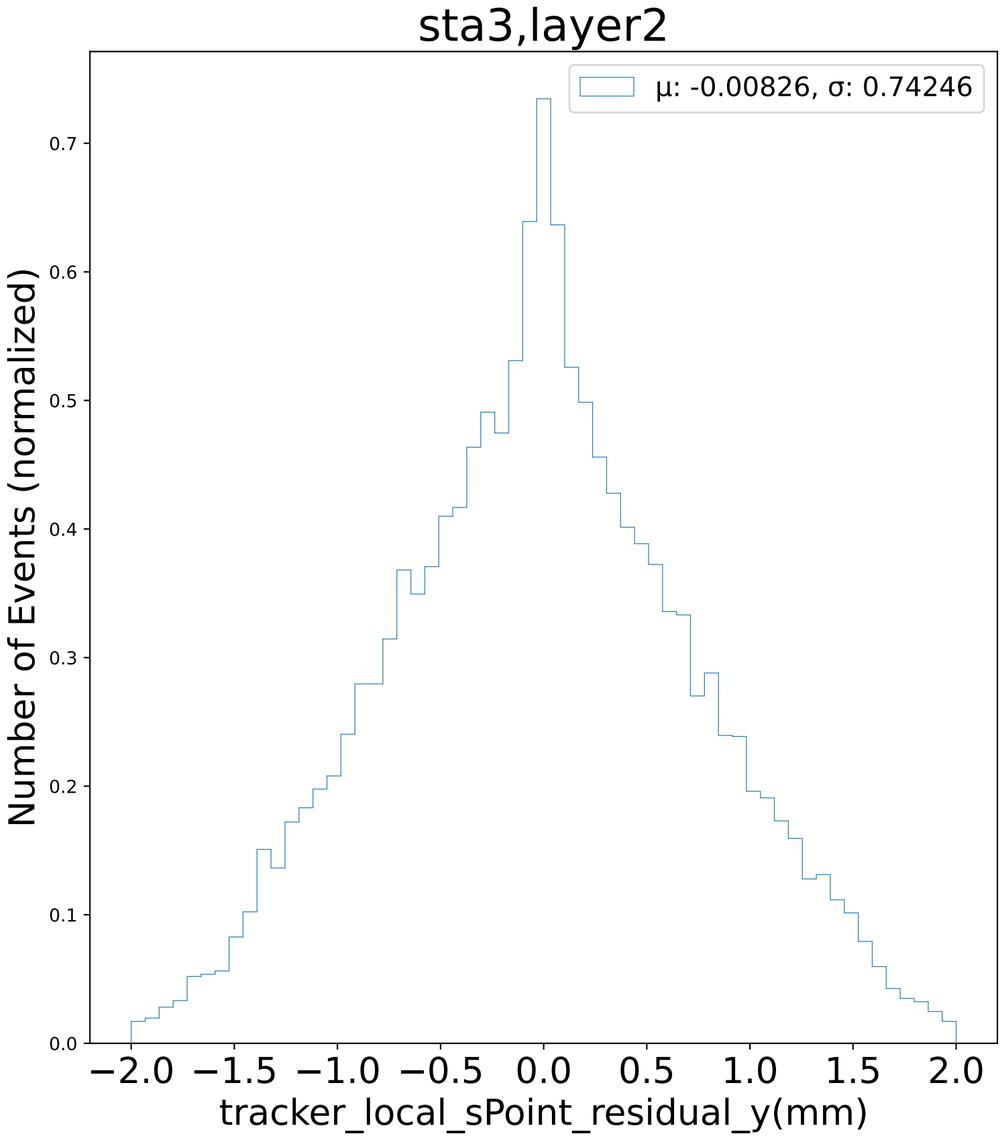

sta3,layer0
μ: -0.00199, σ: 0.0332
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

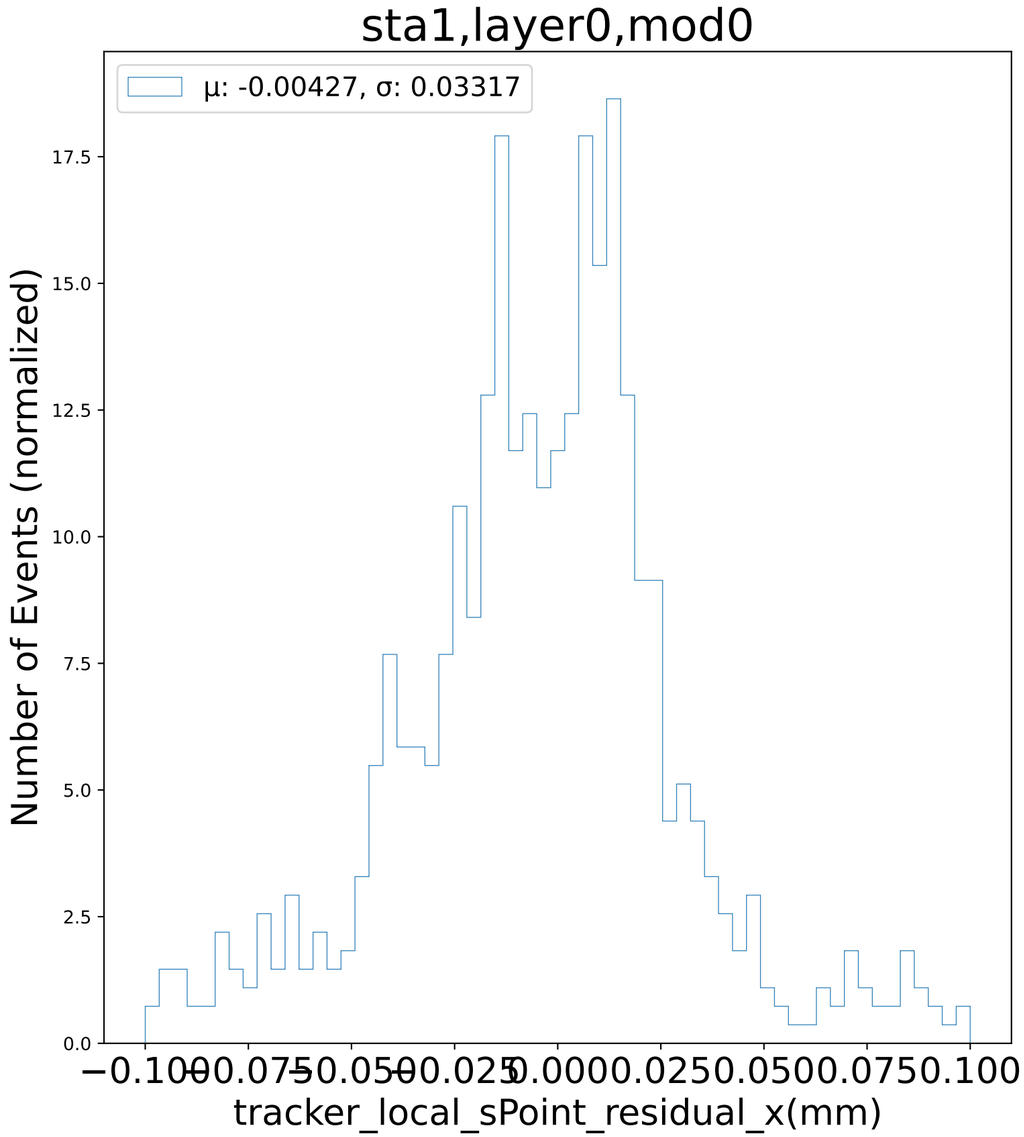

sta3,layer0
μ: -0.00712, σ: 0.74272
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

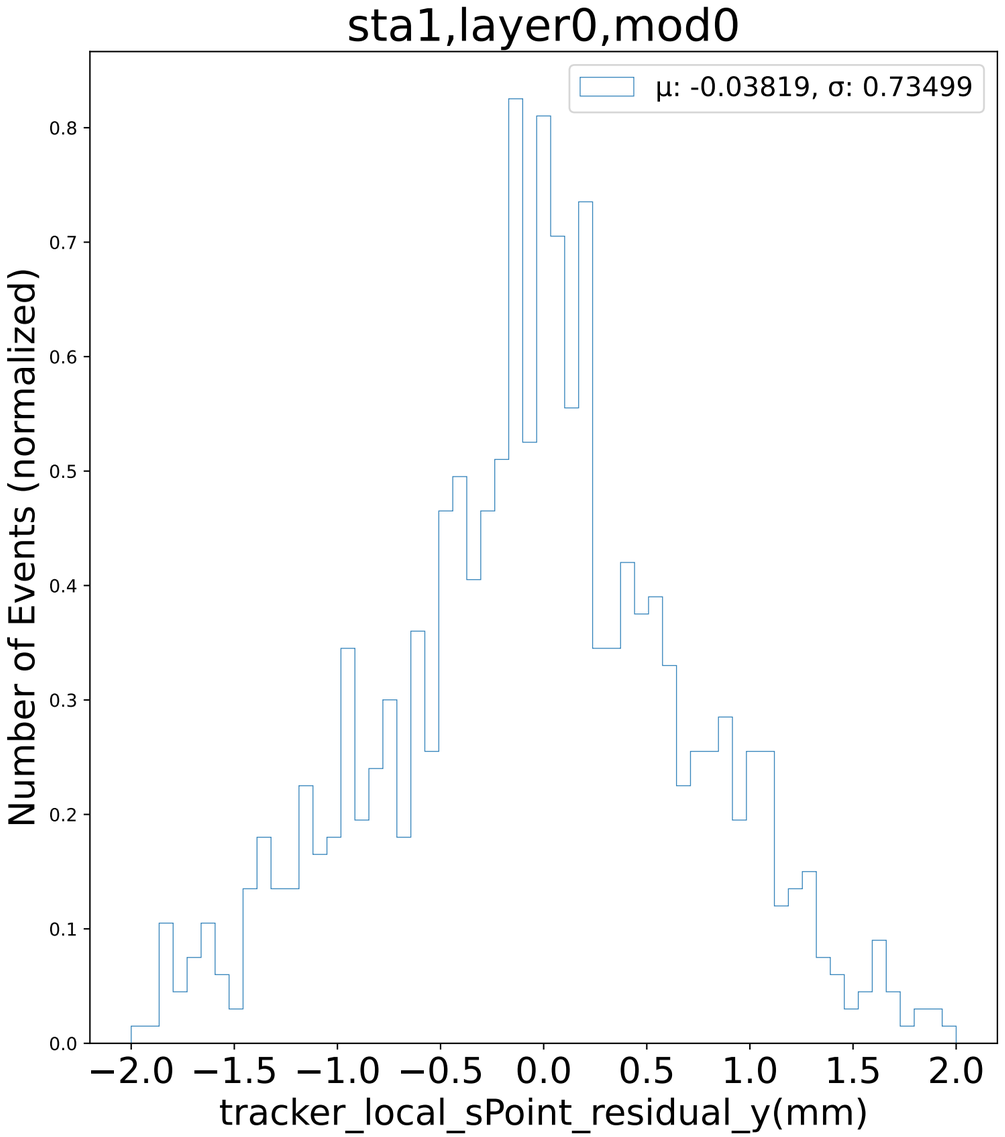

sta3,layer1
μ: -0.00164, σ: 0.0333
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

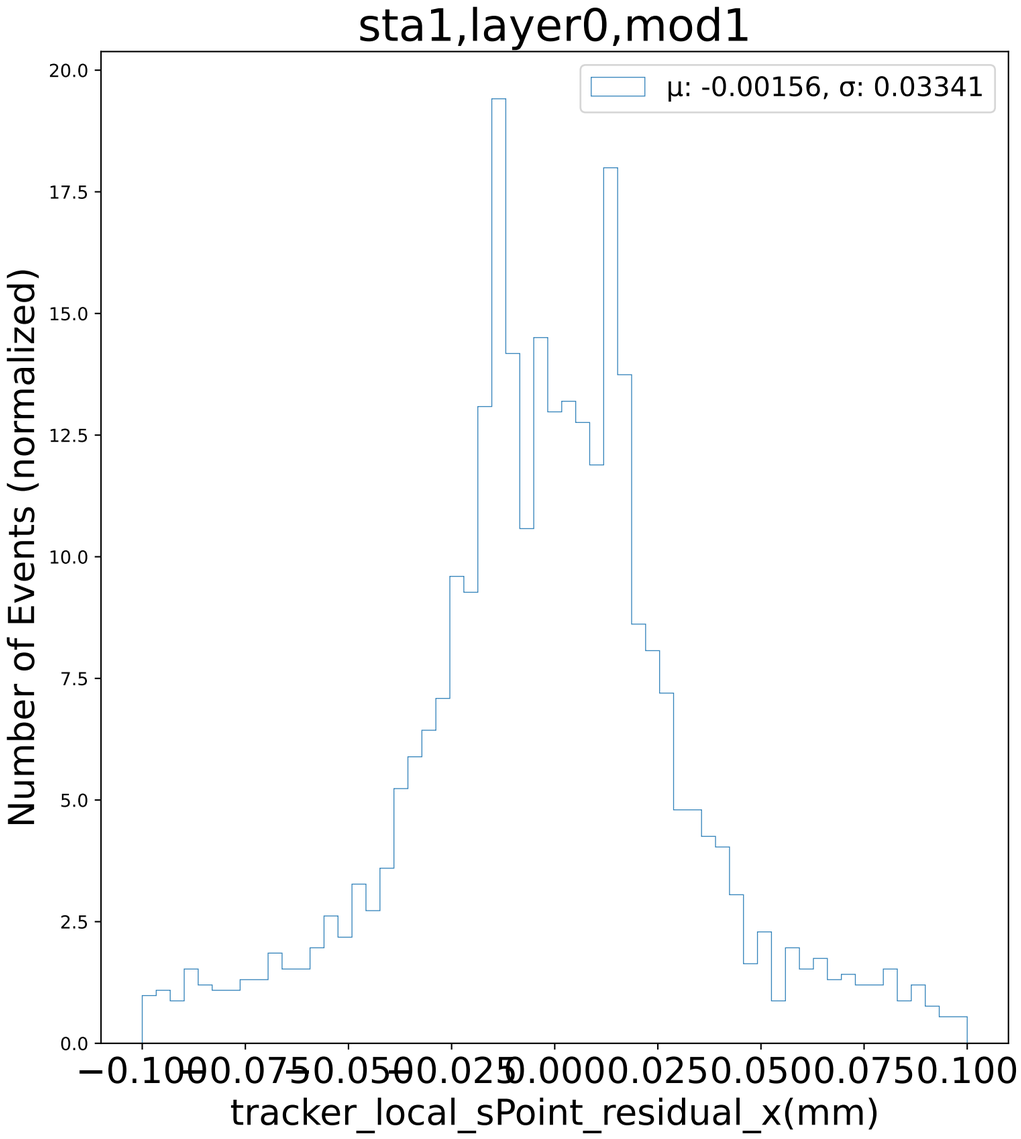

sta3,layer1
μ: -0.01529, σ: 0.74348
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

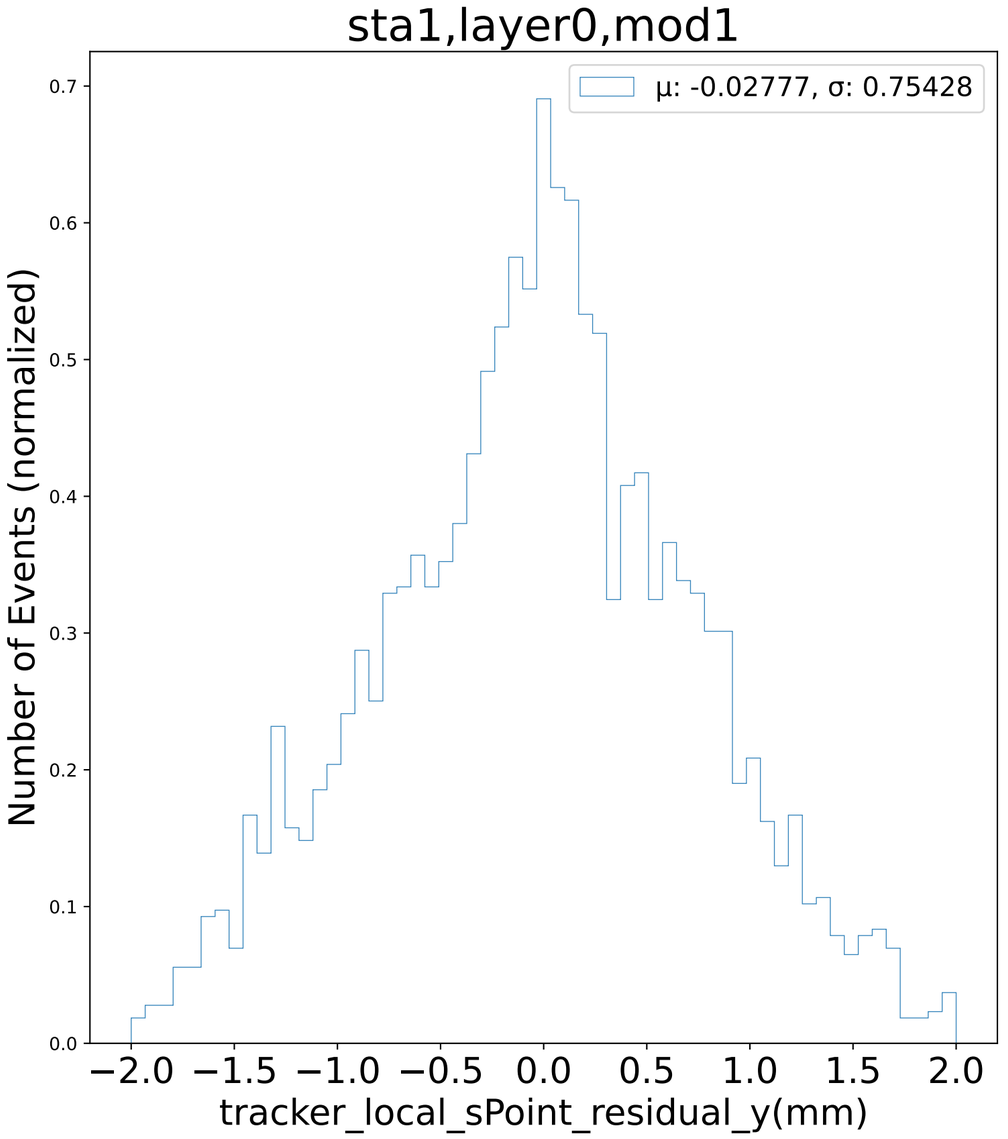

sta3,layer2
μ: -0.00183, σ: 0.03325
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

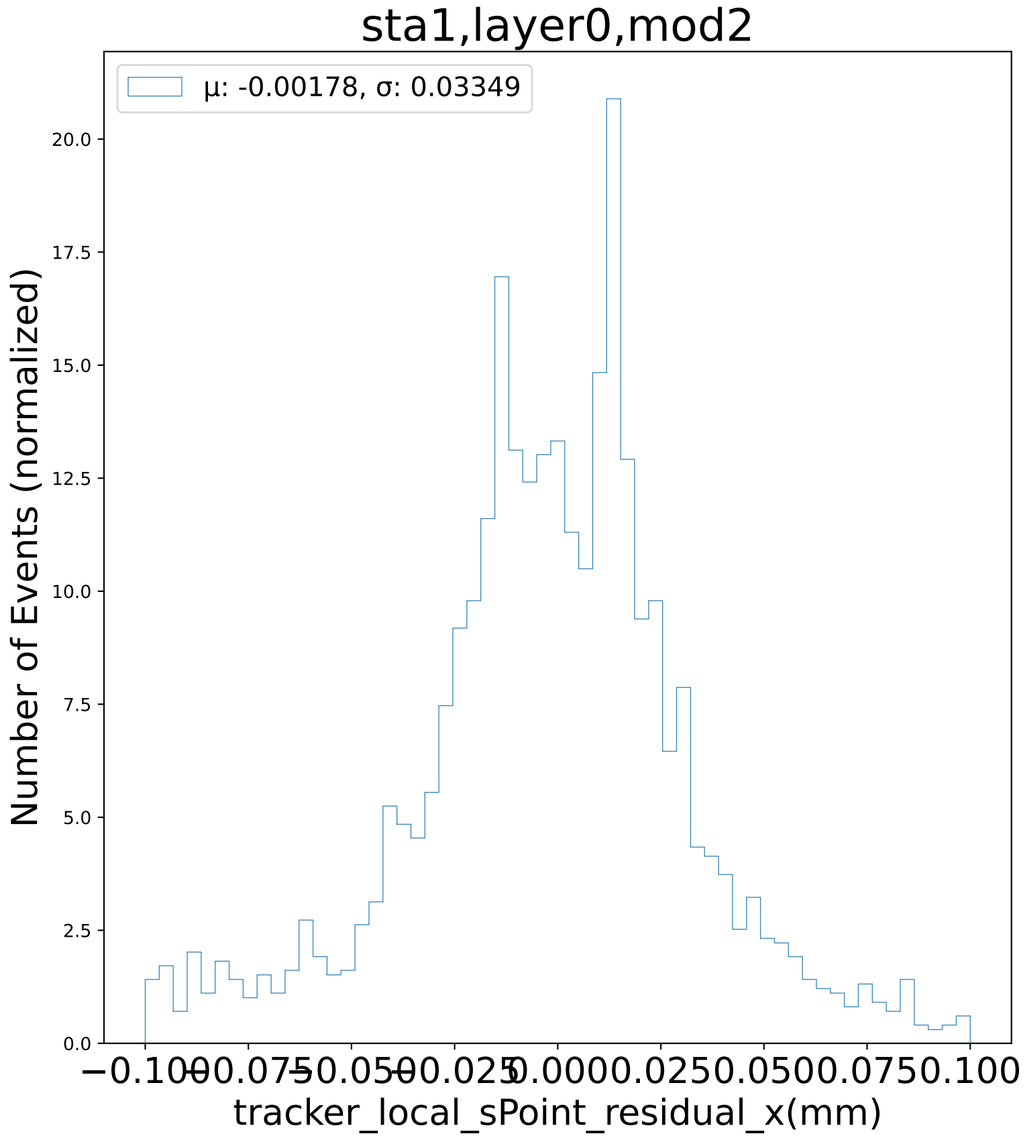

sta3,layer2
μ: -0.00826, σ: 0.74246
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

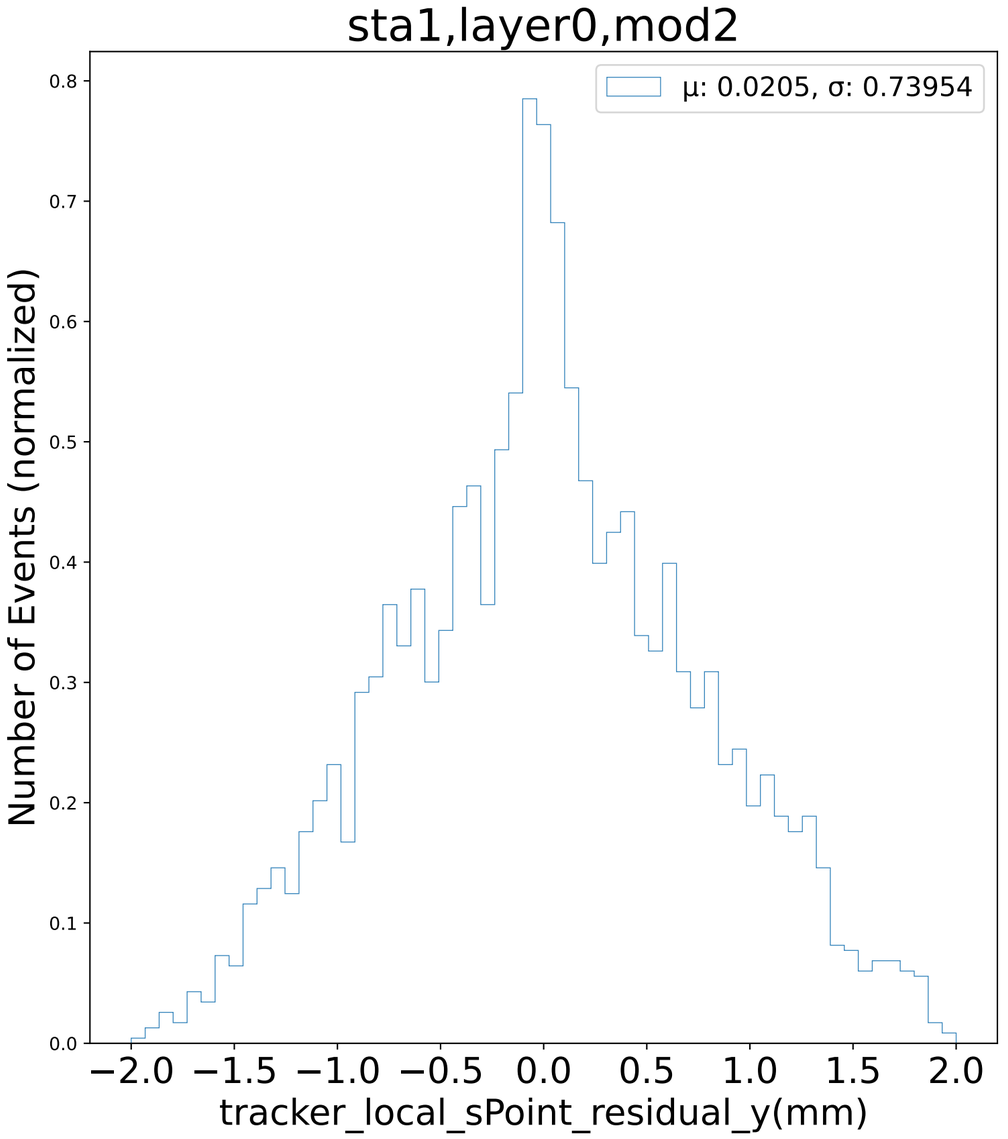

sta1,layer0,mod0
μ: -0.00427, σ: 0.03317
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

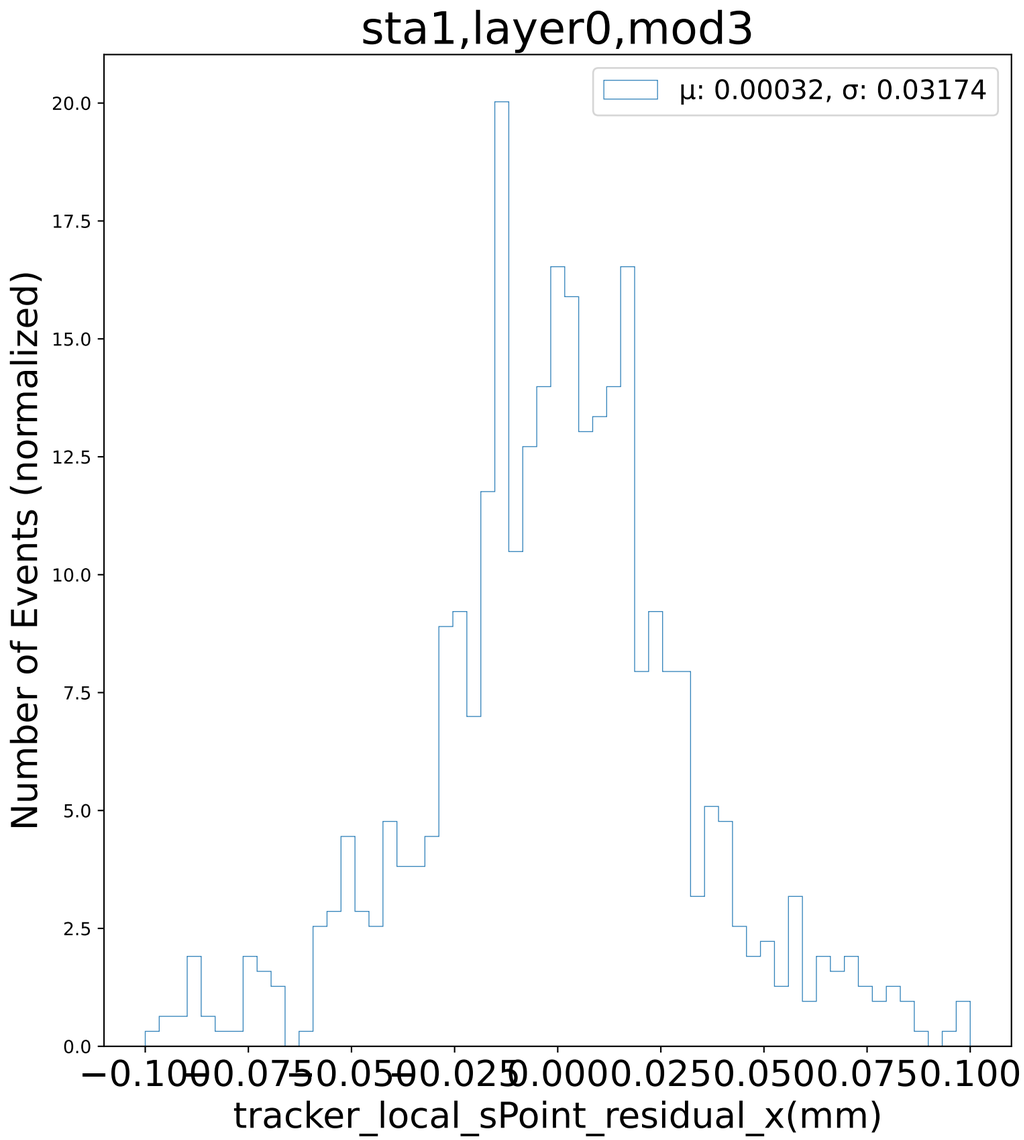

sta1,layer0,mod0
μ: -0.03819, σ: 0.73499
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

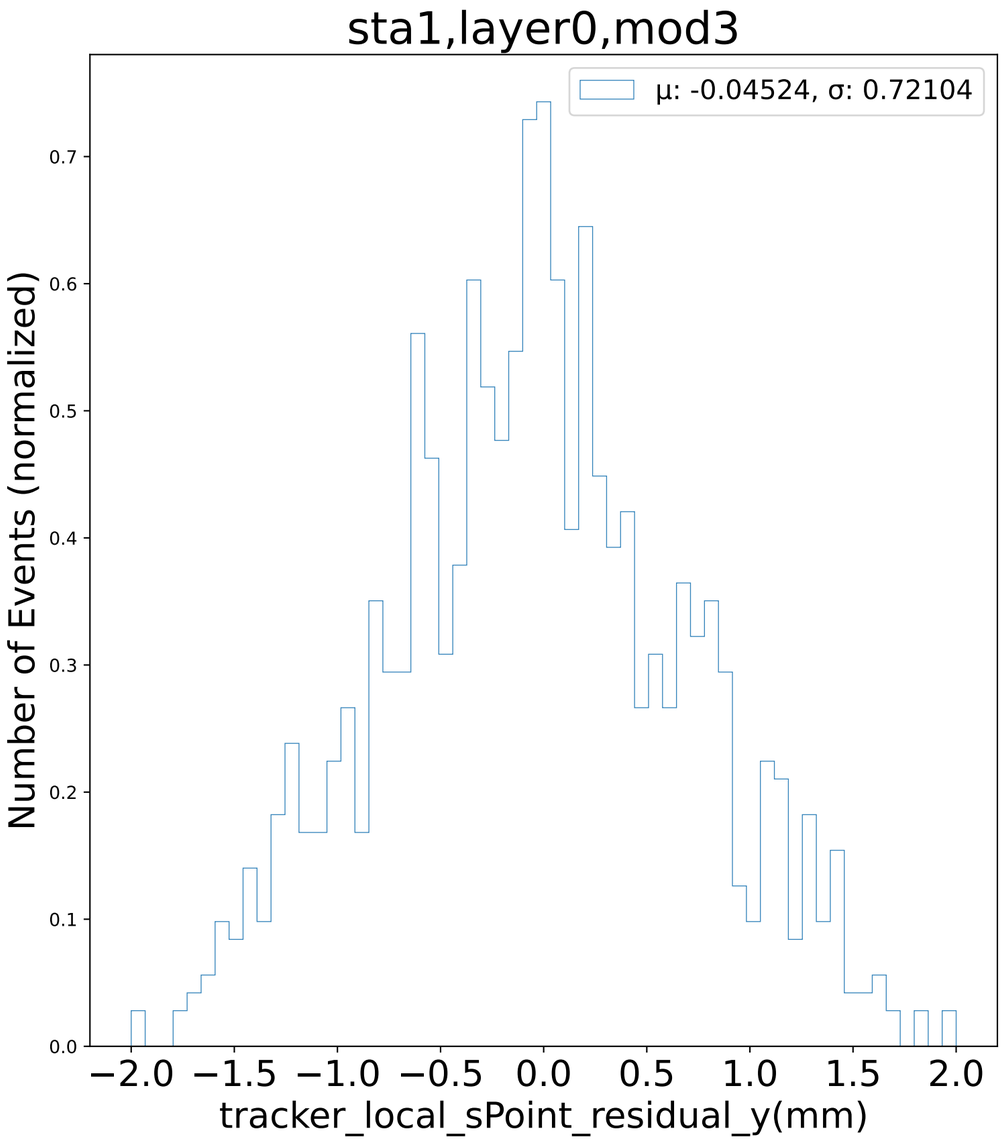

sta1,layer0,mod1
μ: -0.00156, σ: 0.03341
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

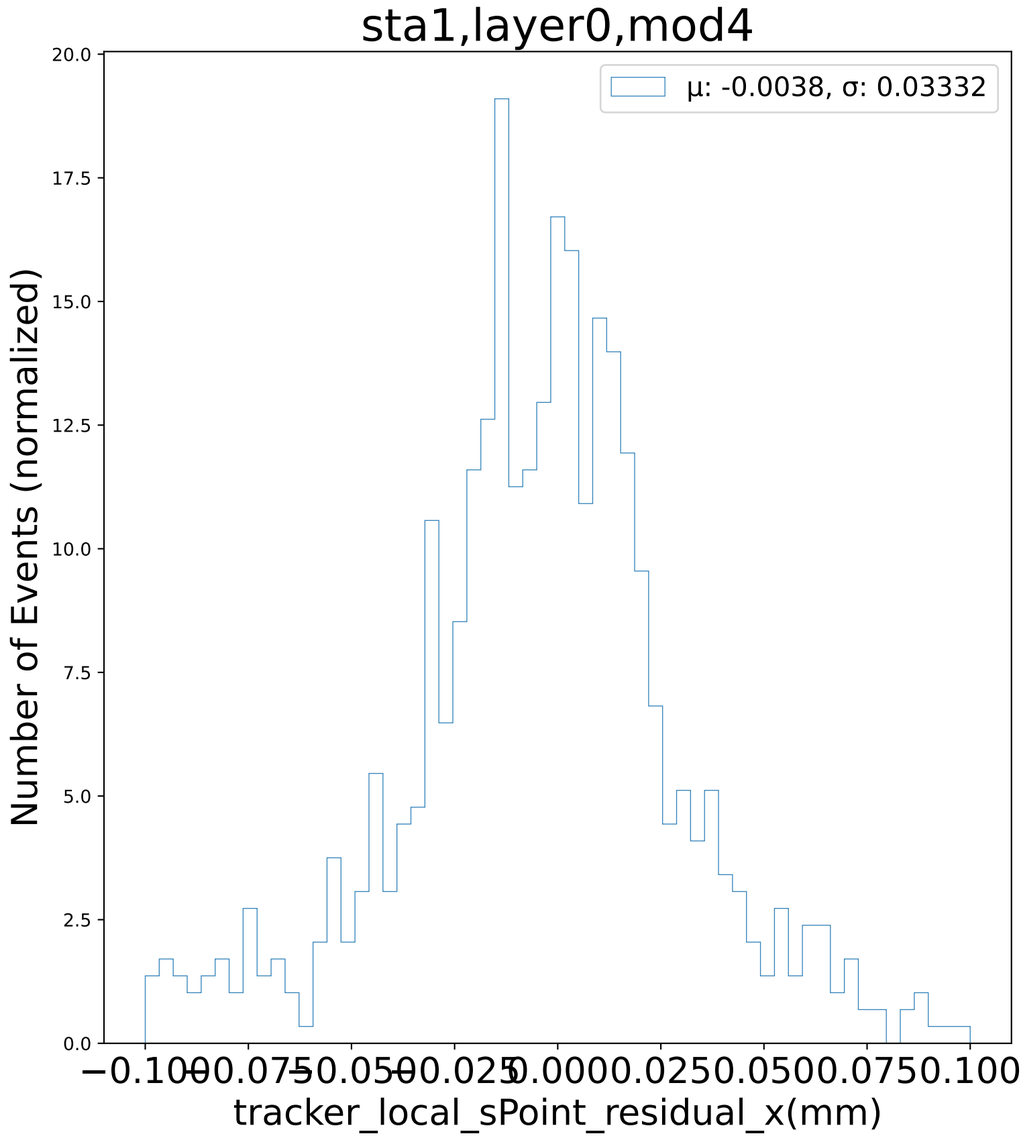

sta1,layer0,mod1
μ: -0.02777, σ: 0.75428
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

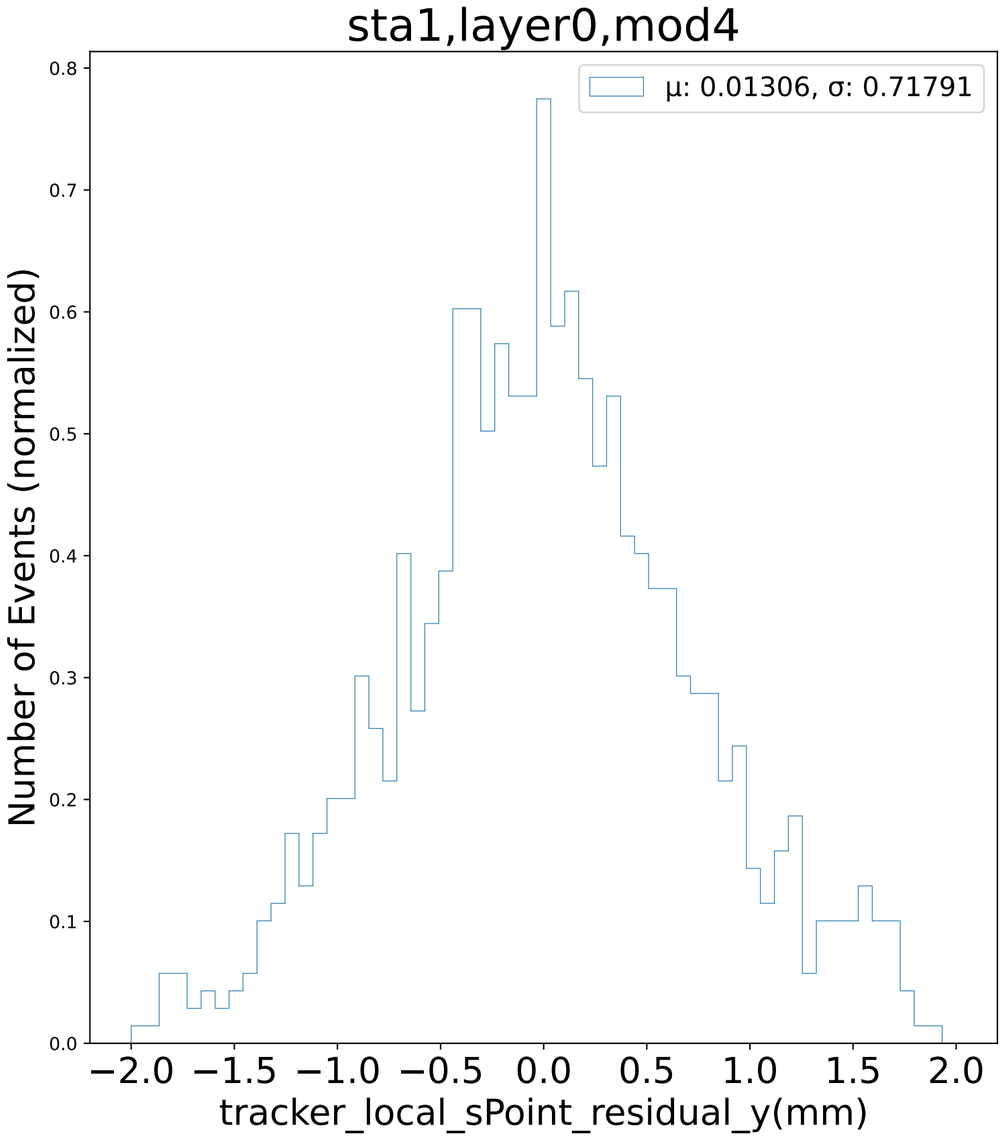

sta1,layer0,mod2
μ: -0.00178, σ: 0.03349
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

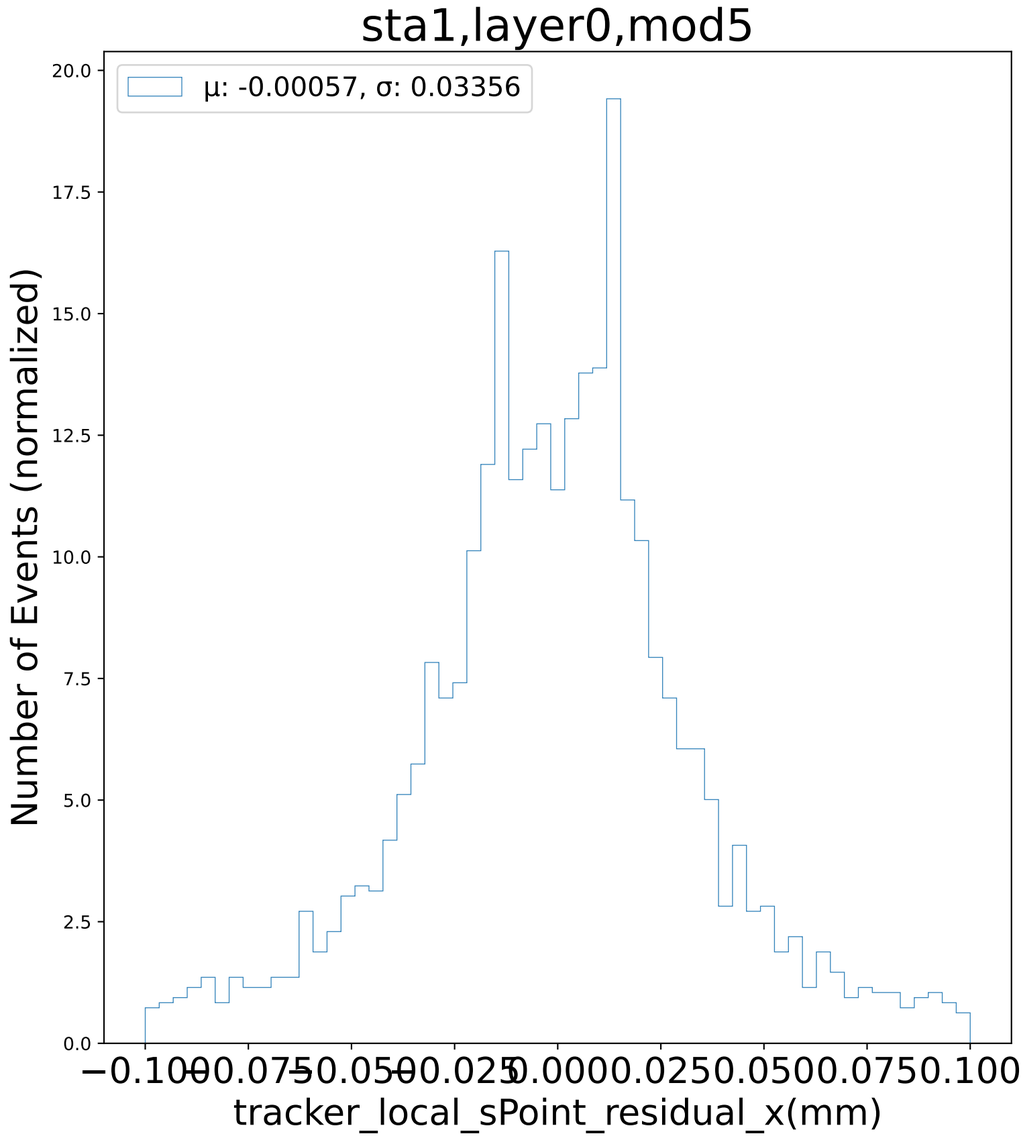

sta1,layer0,mod2
μ: 0.0205, σ: 0.73954
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

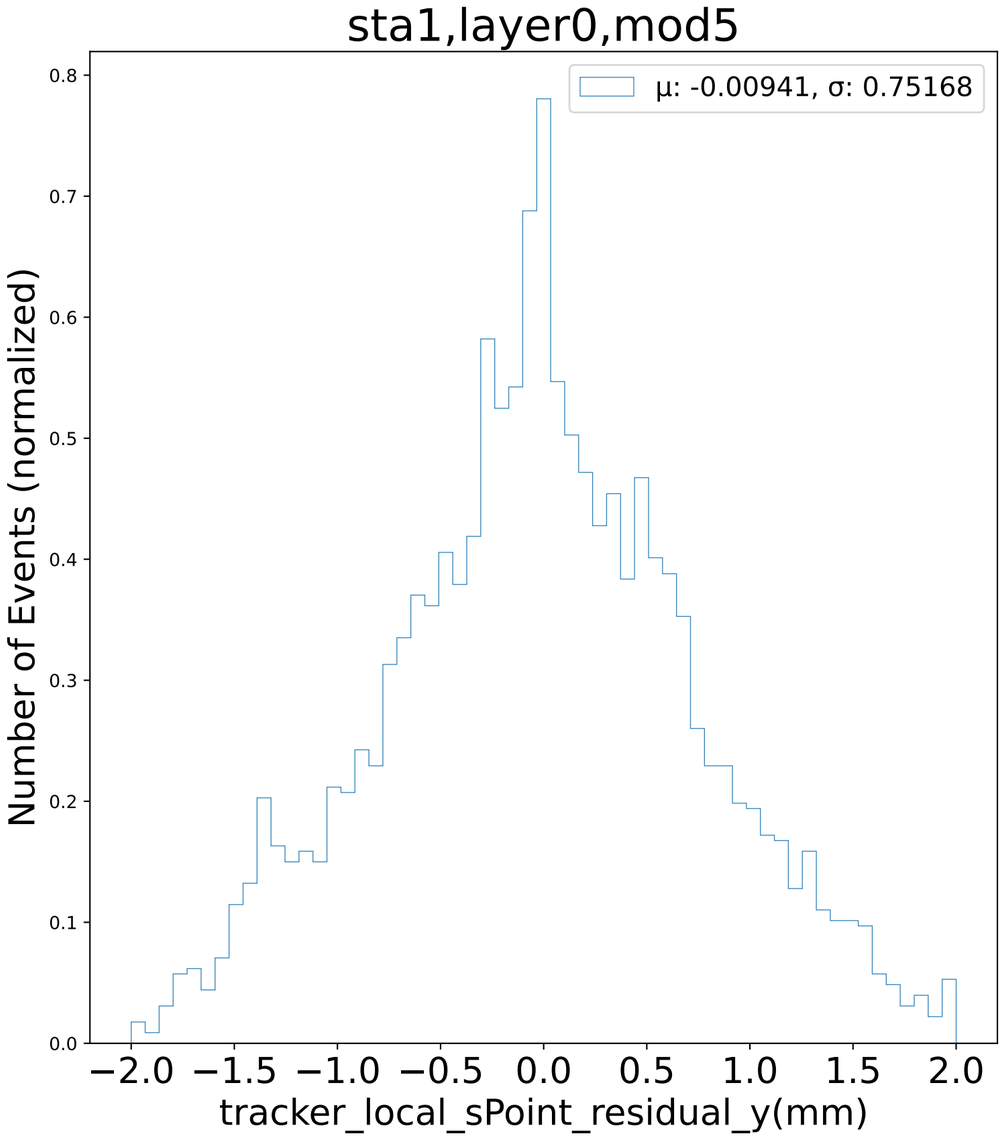

sta1,layer0,mod3
μ: 0.00032, σ: 0.03174
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

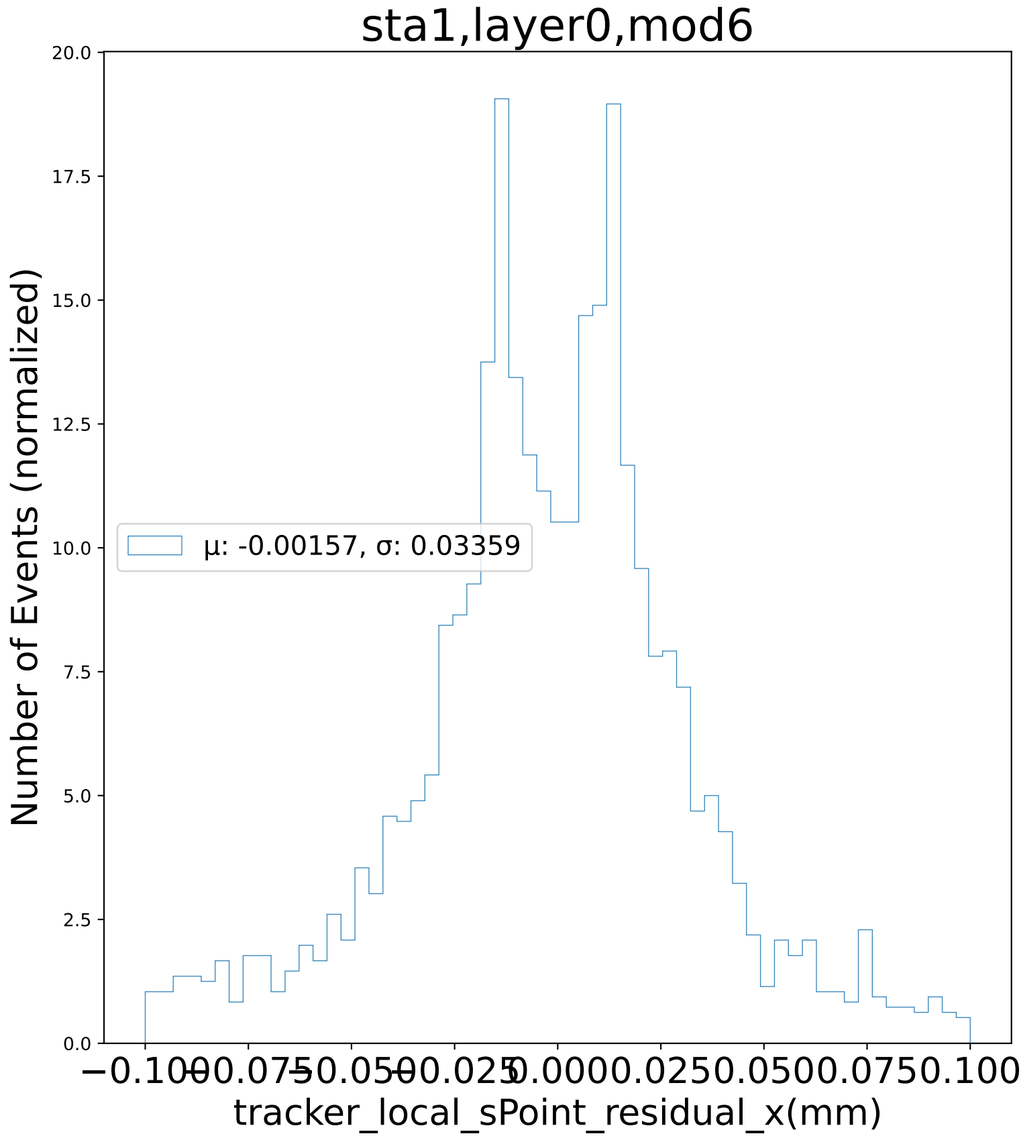

sta1,layer0,mod3
μ: -0.04524, σ: 0.72104
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

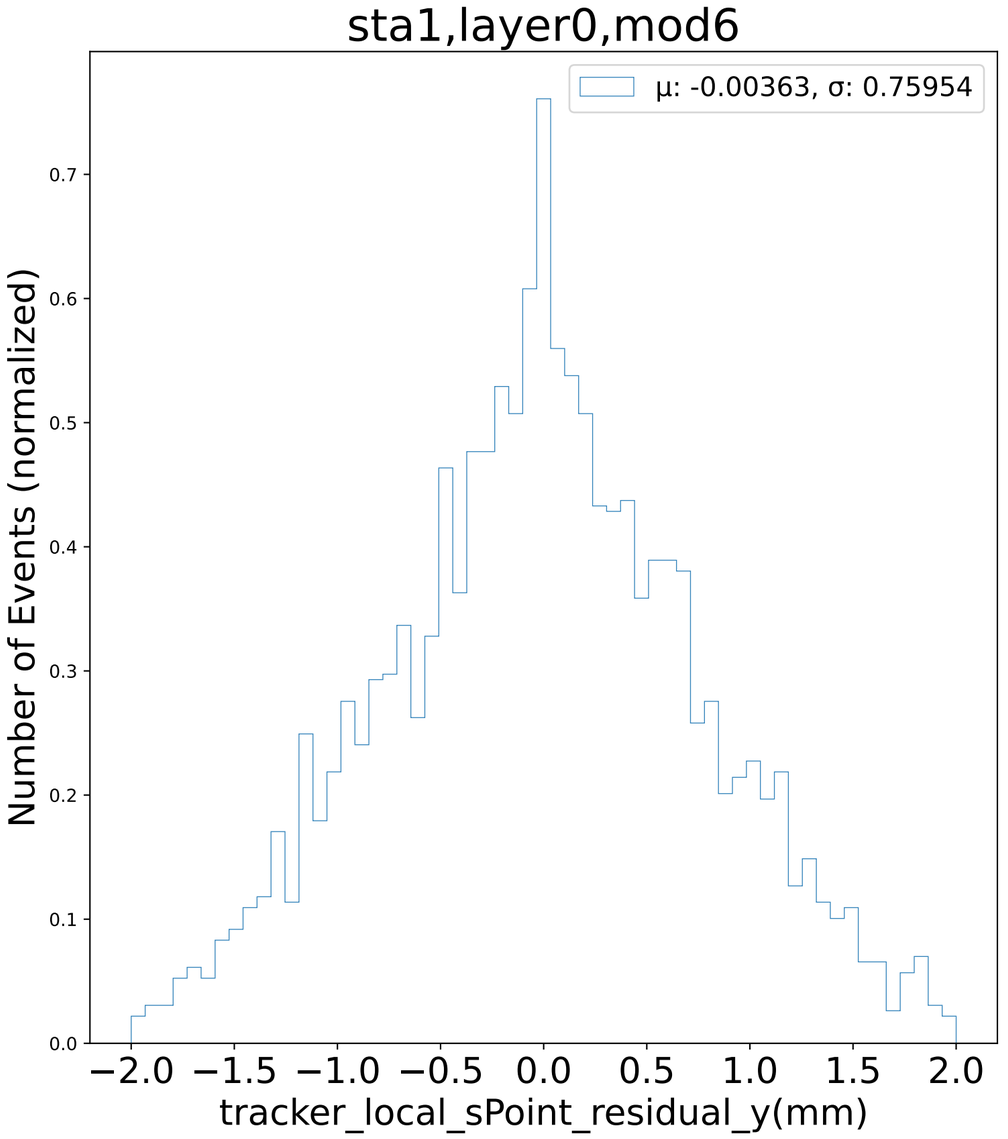

sta1,layer0,mod4
μ: -0.0038, σ: 0.03332
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

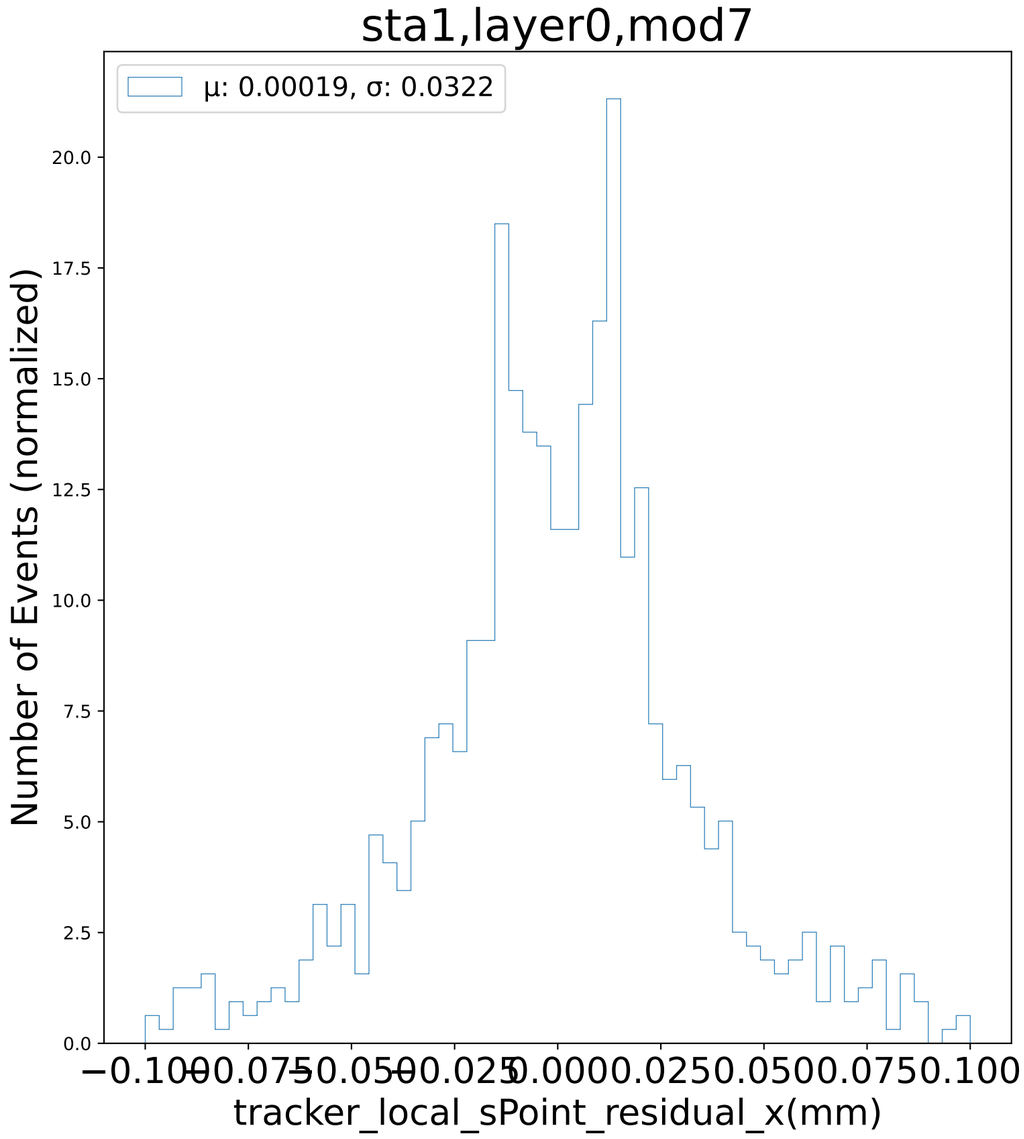

sta1,layer0,mod4
μ: 0.01306, σ: 0.71791
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

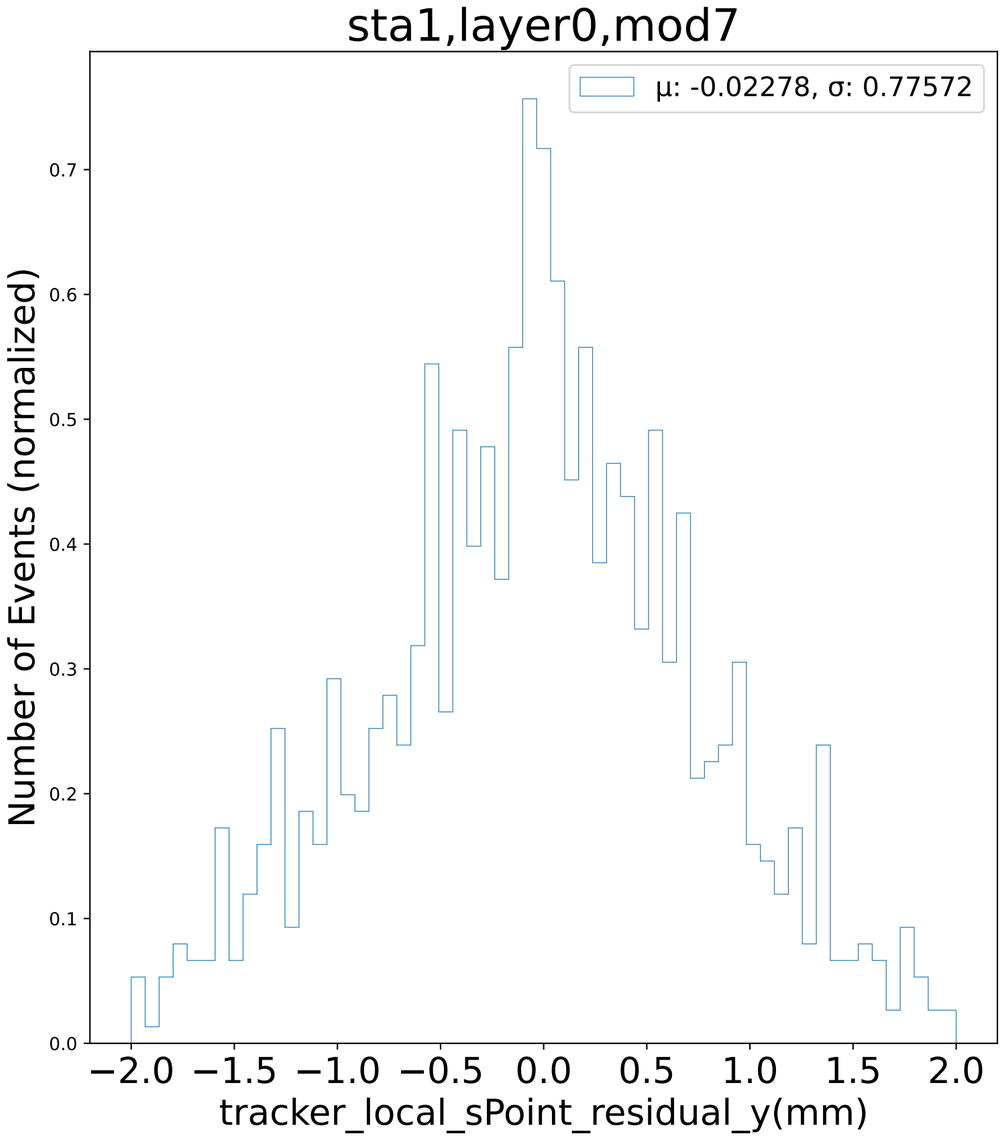

sta1,layer0,mod5
μ: -0.00057, σ: 0.03356
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

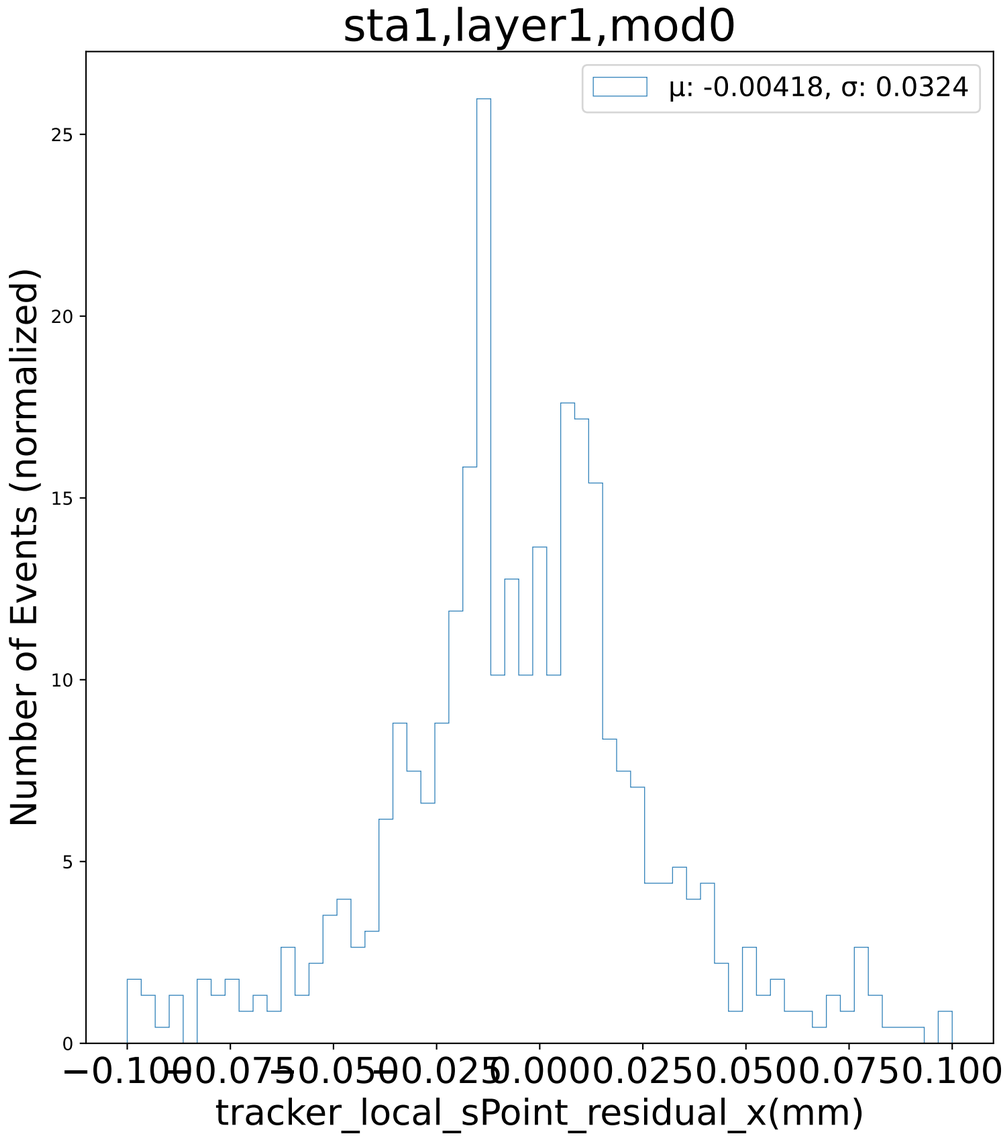

sta1,layer0,mod5
μ: -0.00941, σ: 0.75168
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

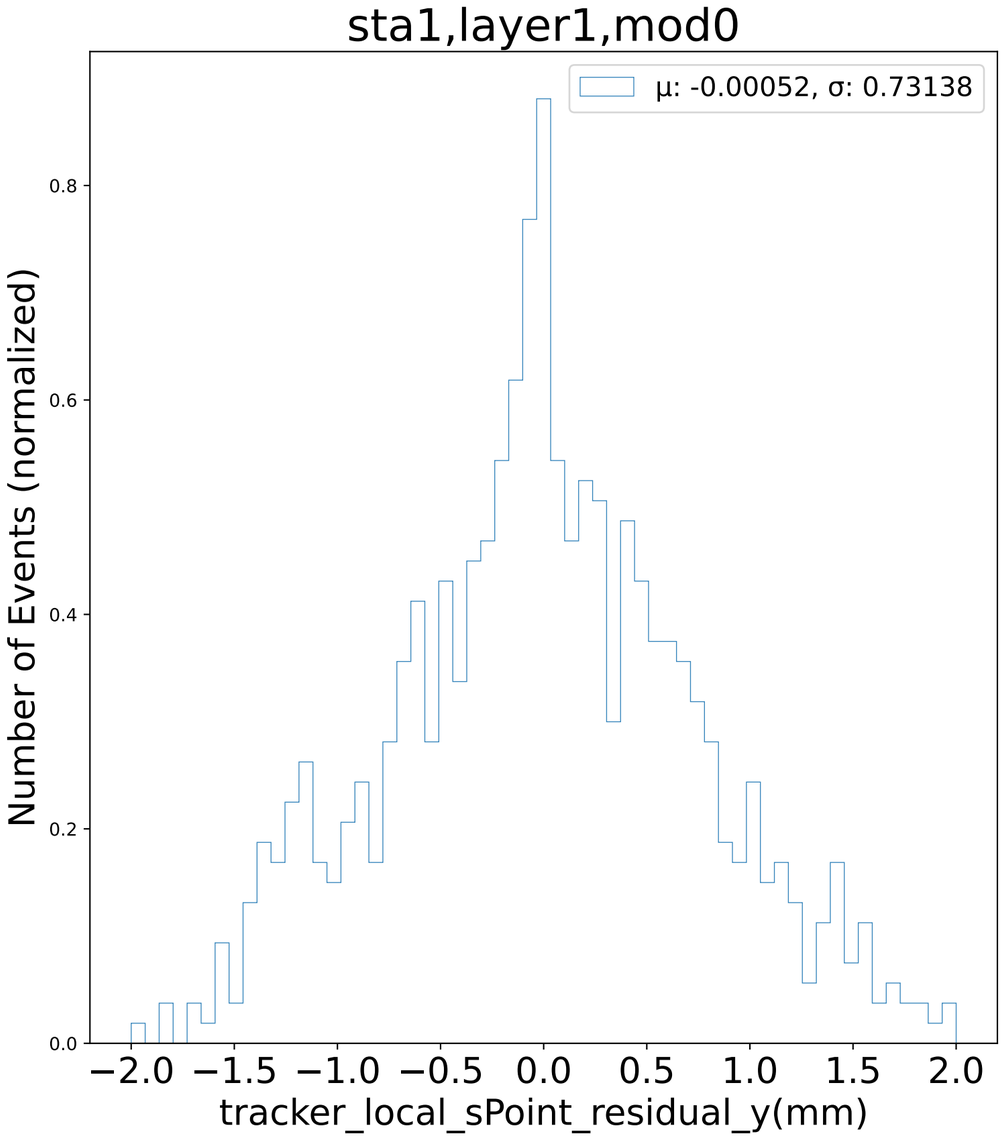

sta1,layer0,mod6
μ: -0.00157, σ: 0.03359
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

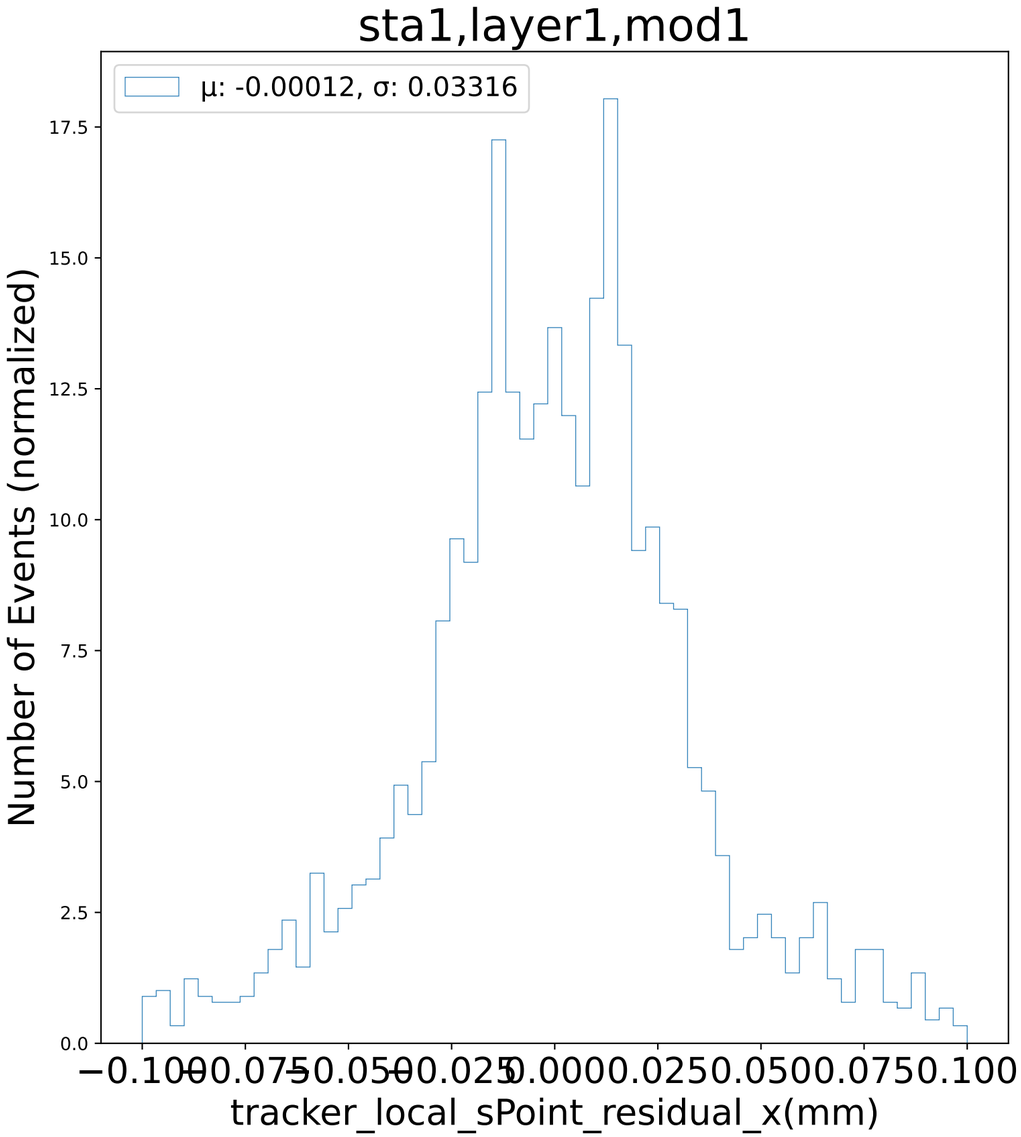

sta1,layer0,mod6
μ: -0.00363, σ: 0.75954
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

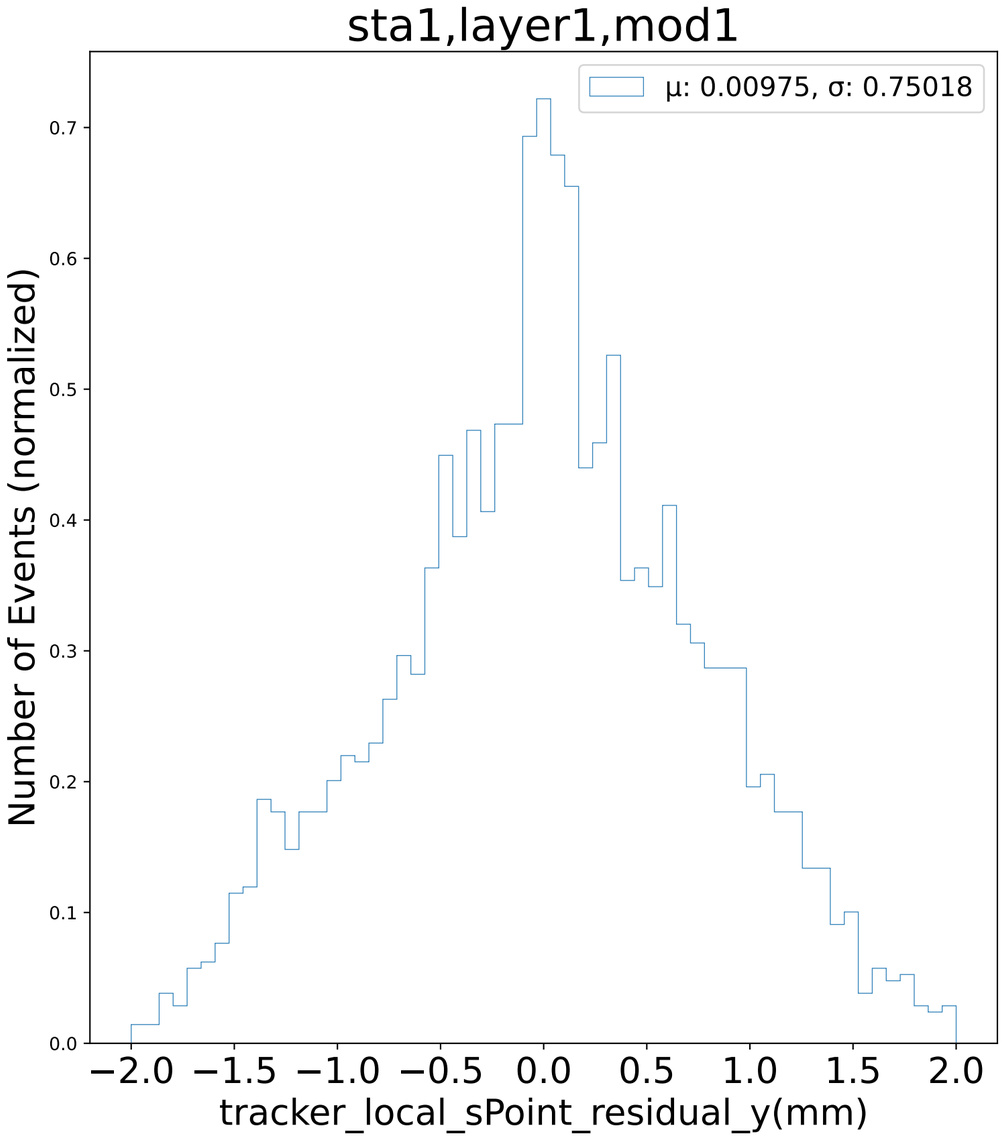

sta1,layer0,mod7
μ: 0.00019, σ: 0.0322
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

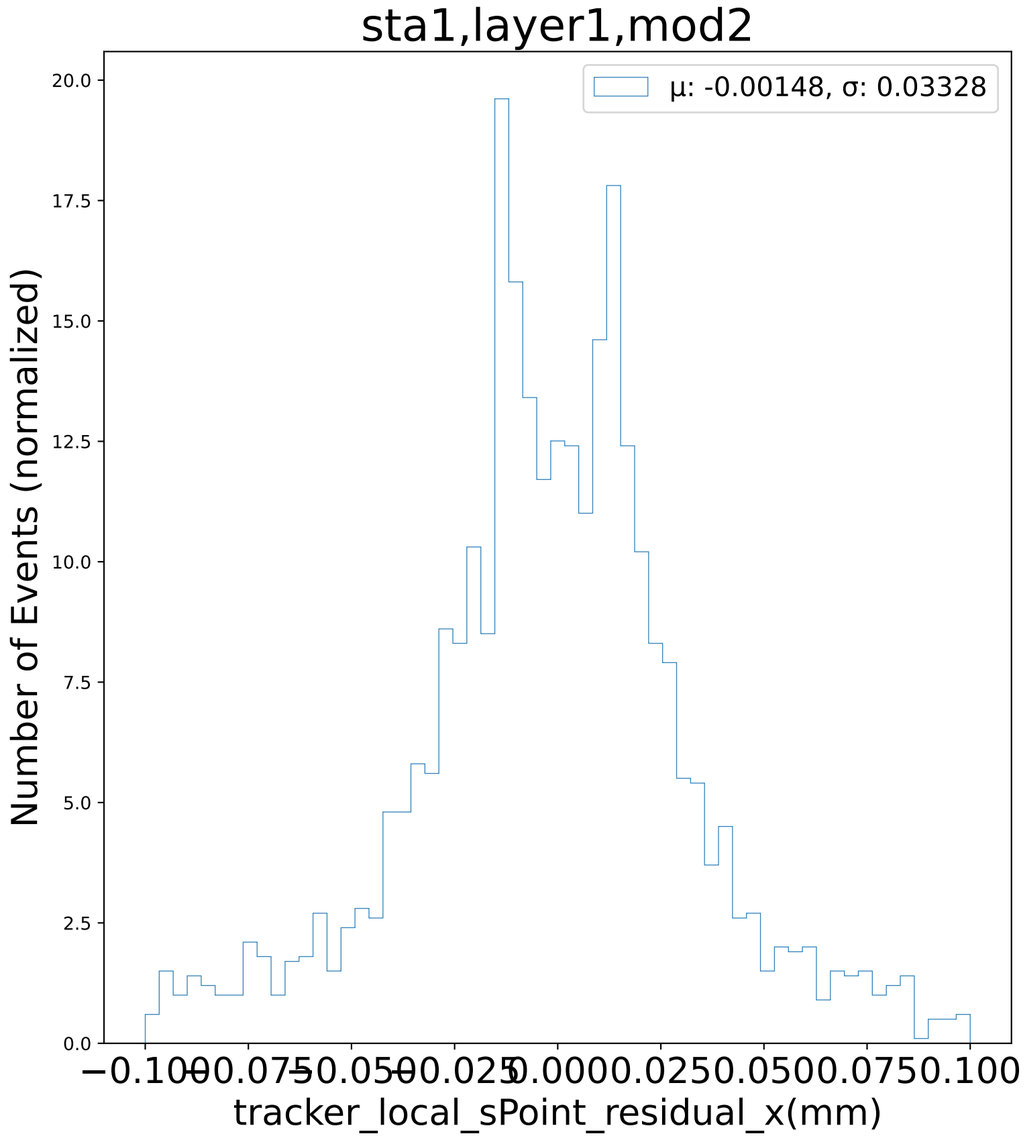

sta1,layer0,mod7
μ: -0.02278, σ: 0.77572
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

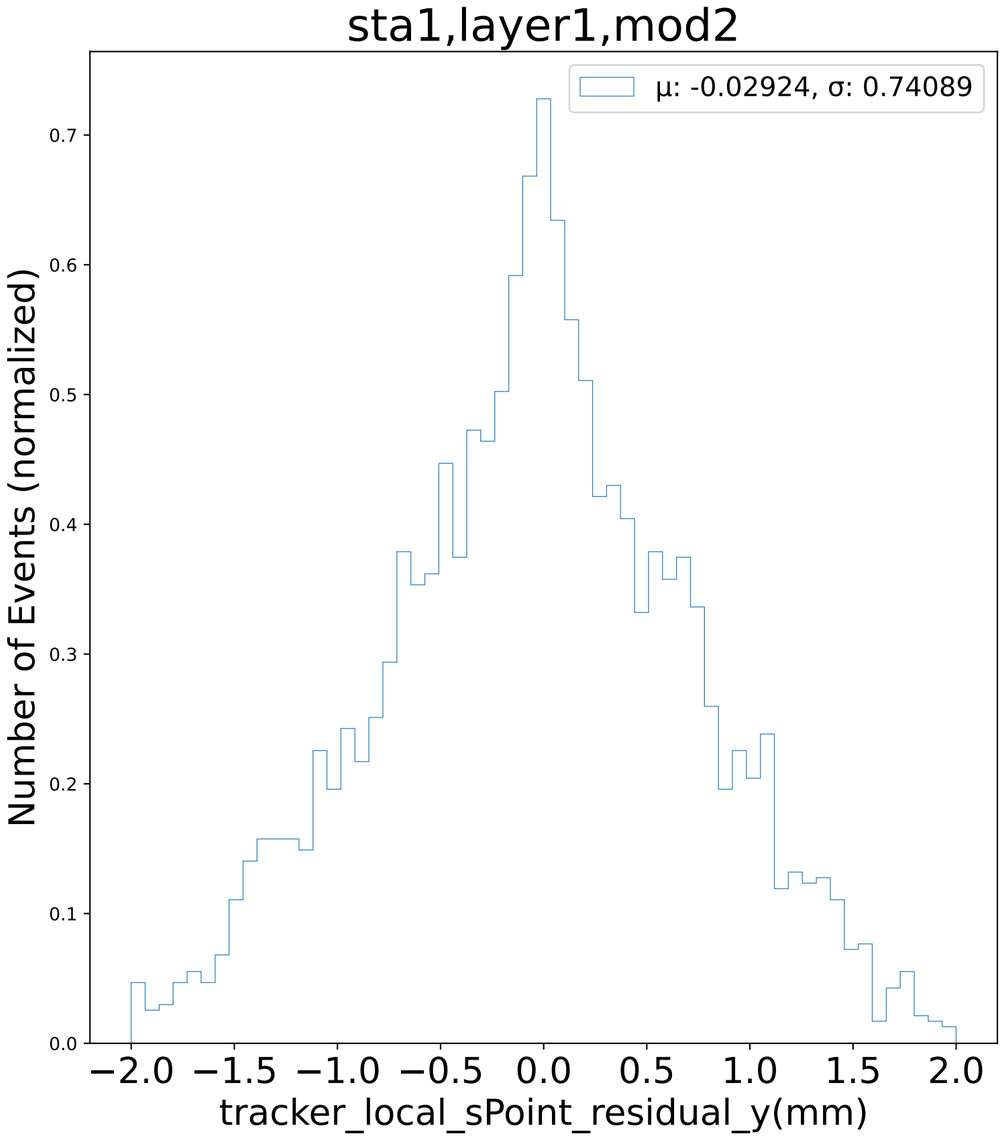

sta1,layer1,mod0
μ: -0.00418, σ: 0.0324
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

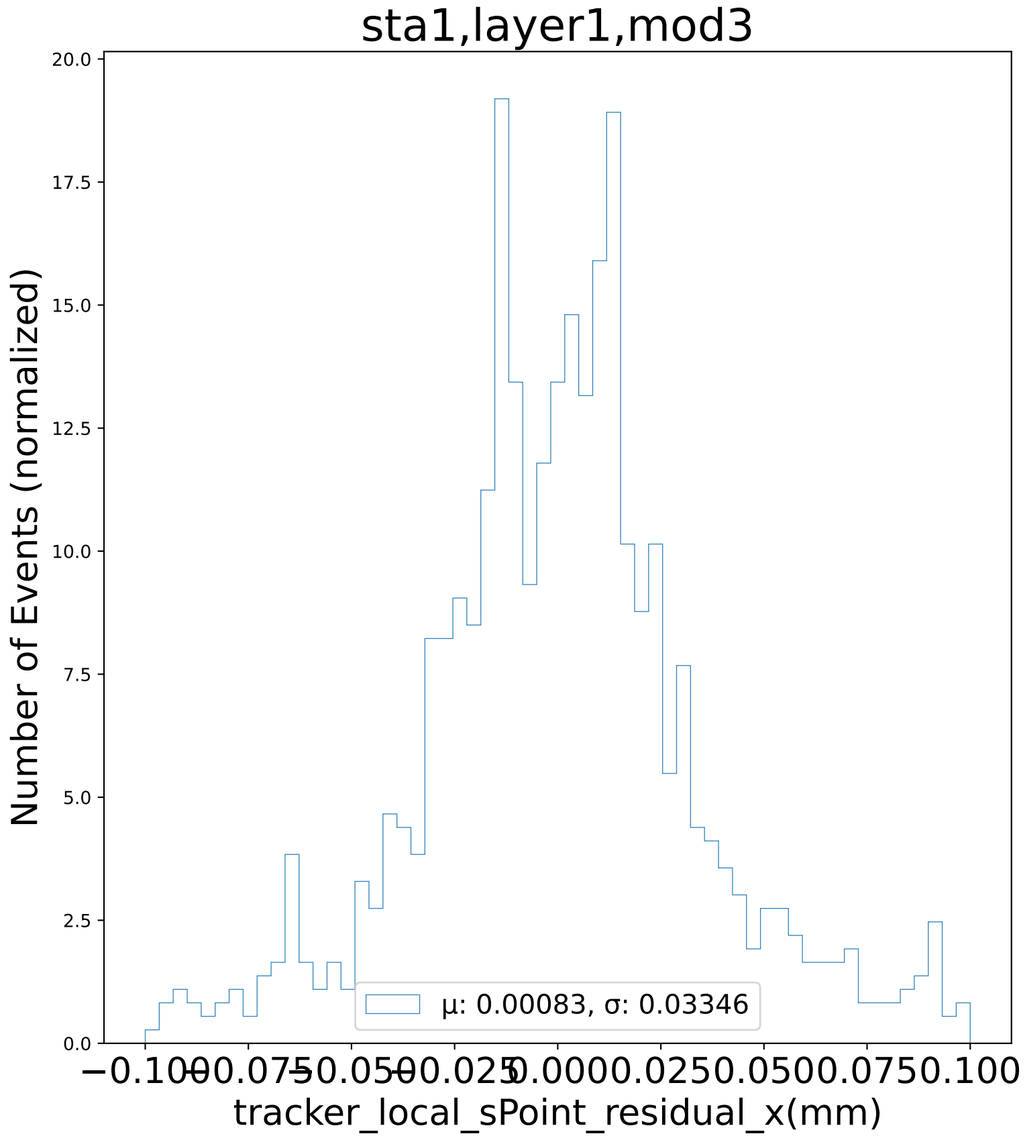

sta1,layer1,mod0
μ: -0.00052, σ: 0.73138
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

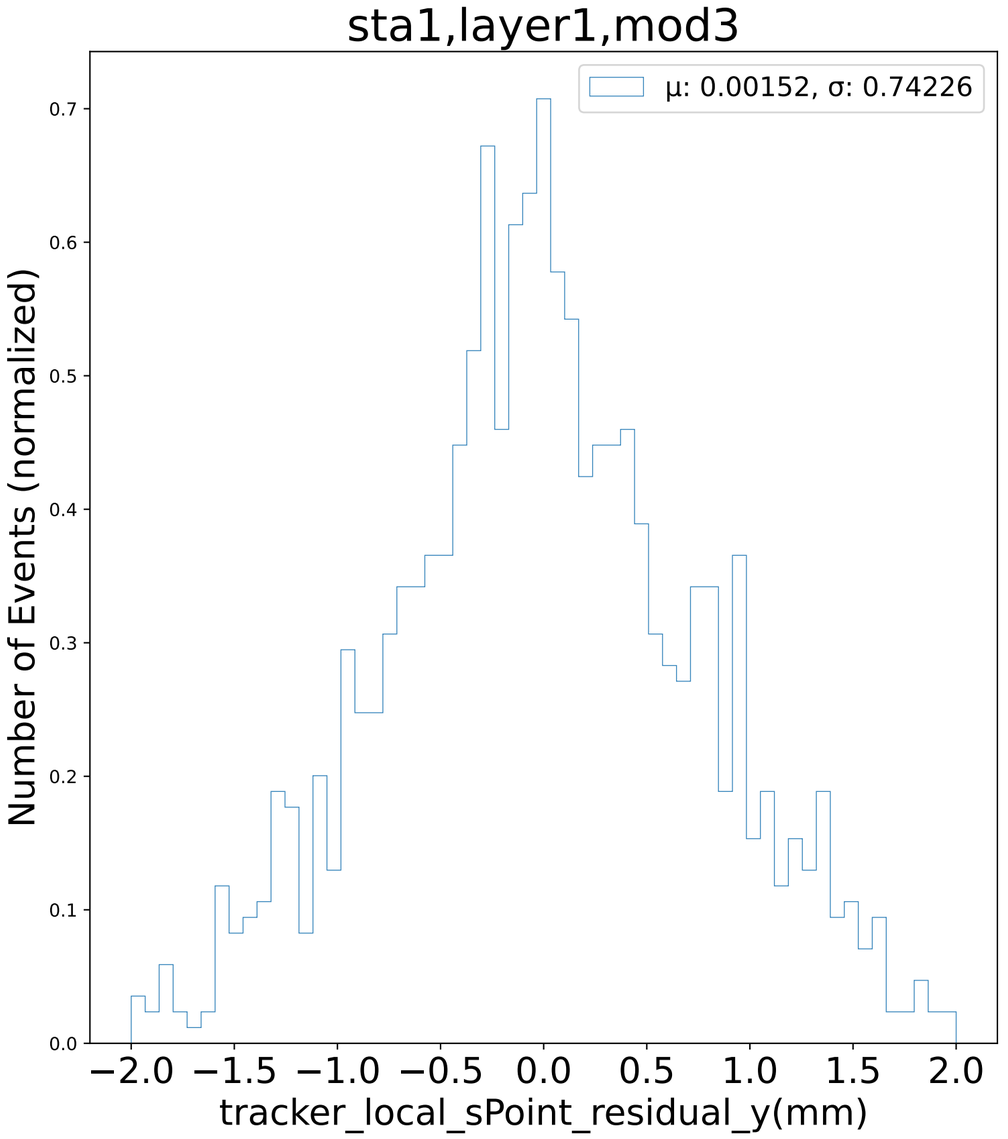

sta1,layer1,mod1
μ: -0.00012, σ: 0.03316
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

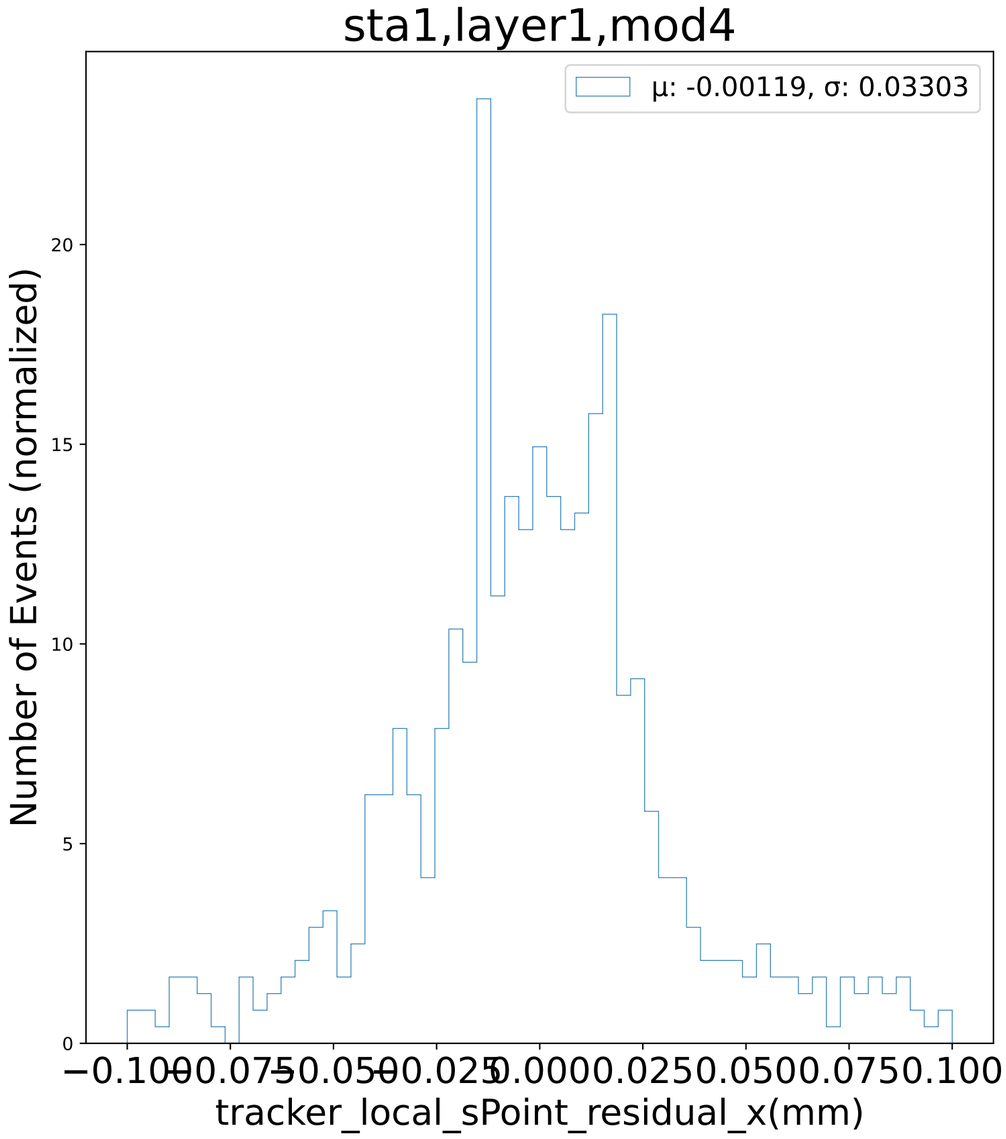

sta1,layer1,mod1
μ: 0.00975, σ: 0.75018
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

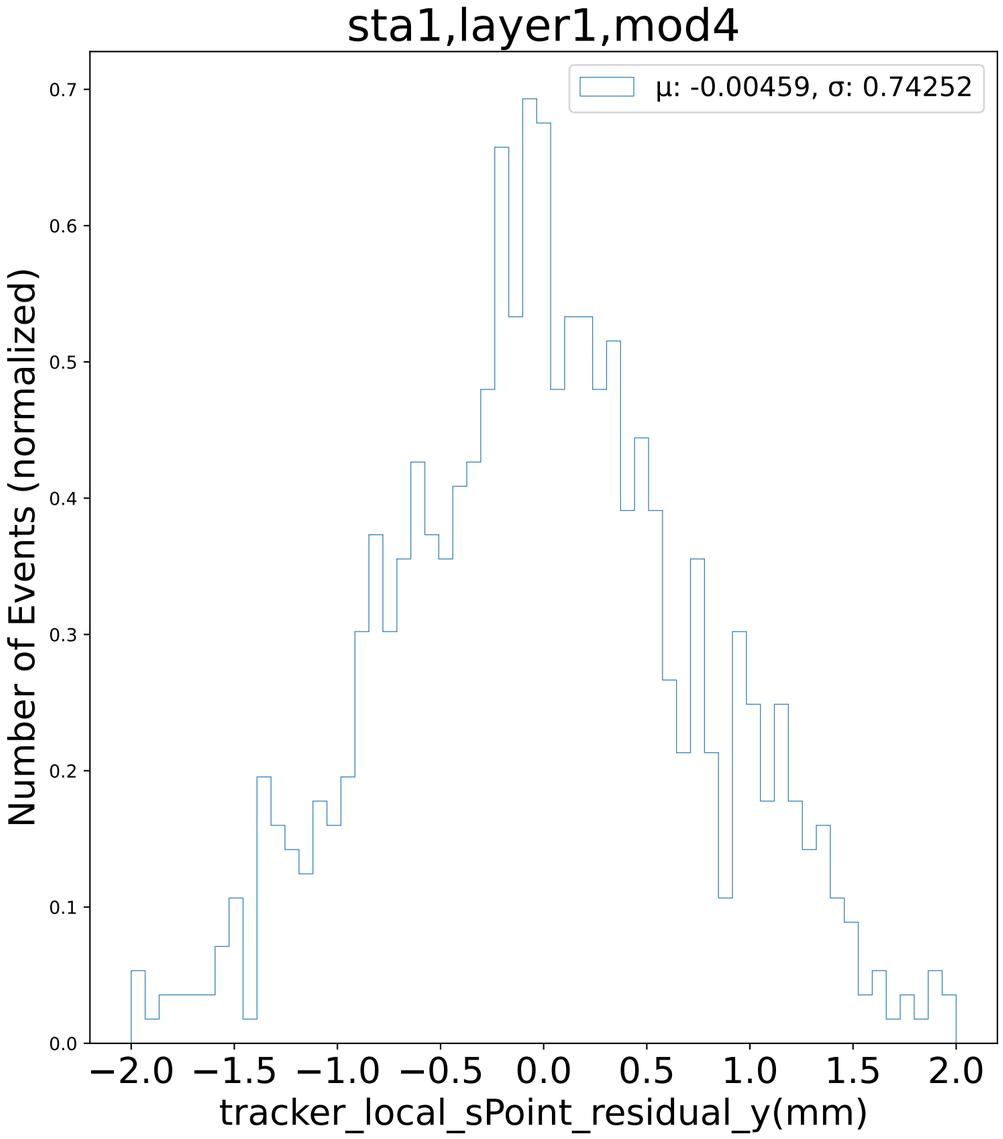

sta1,layer1,mod2
μ: -0.00148, σ: 0.03328
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

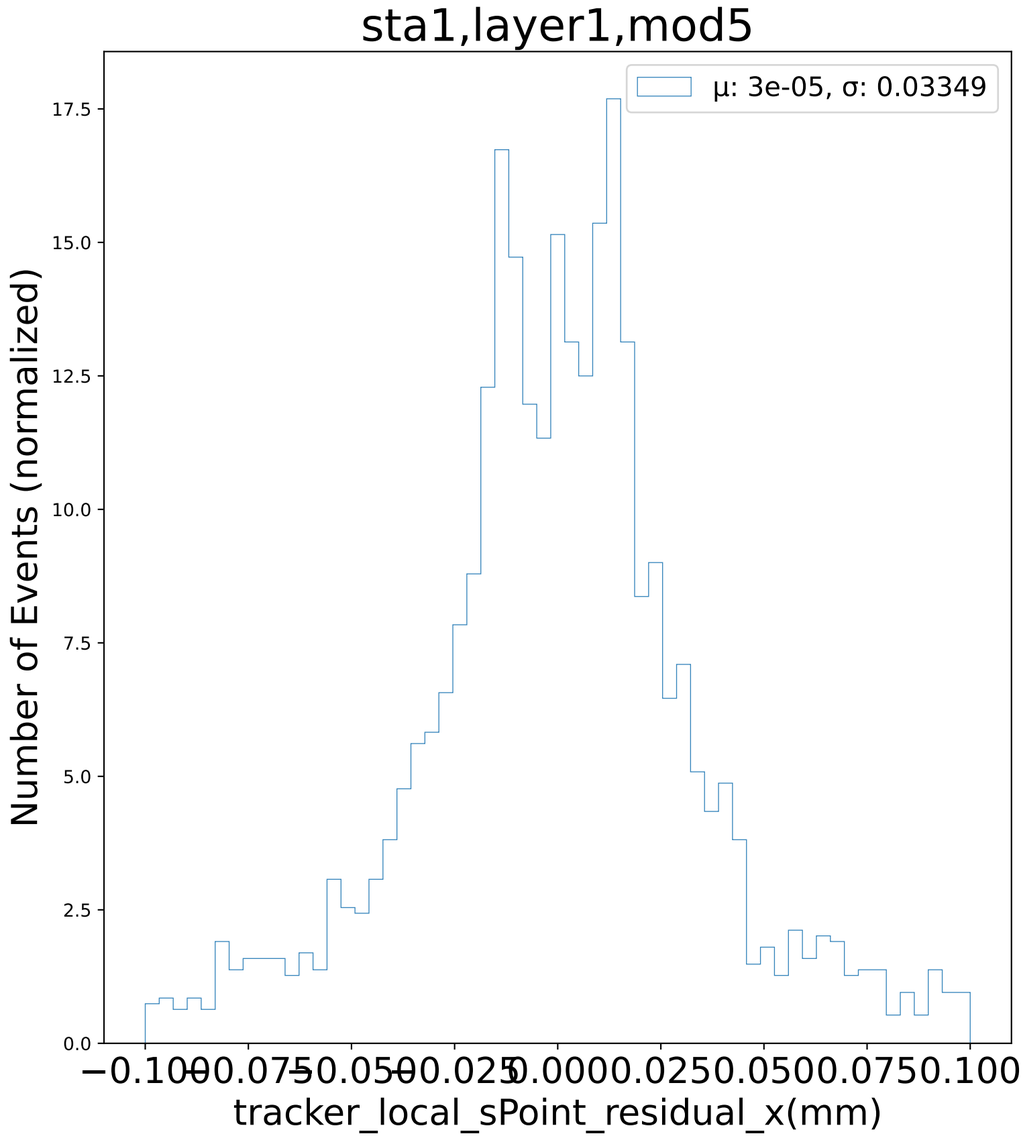

sta1,layer1,mod2
μ: -0.02924, σ: 0.74089
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

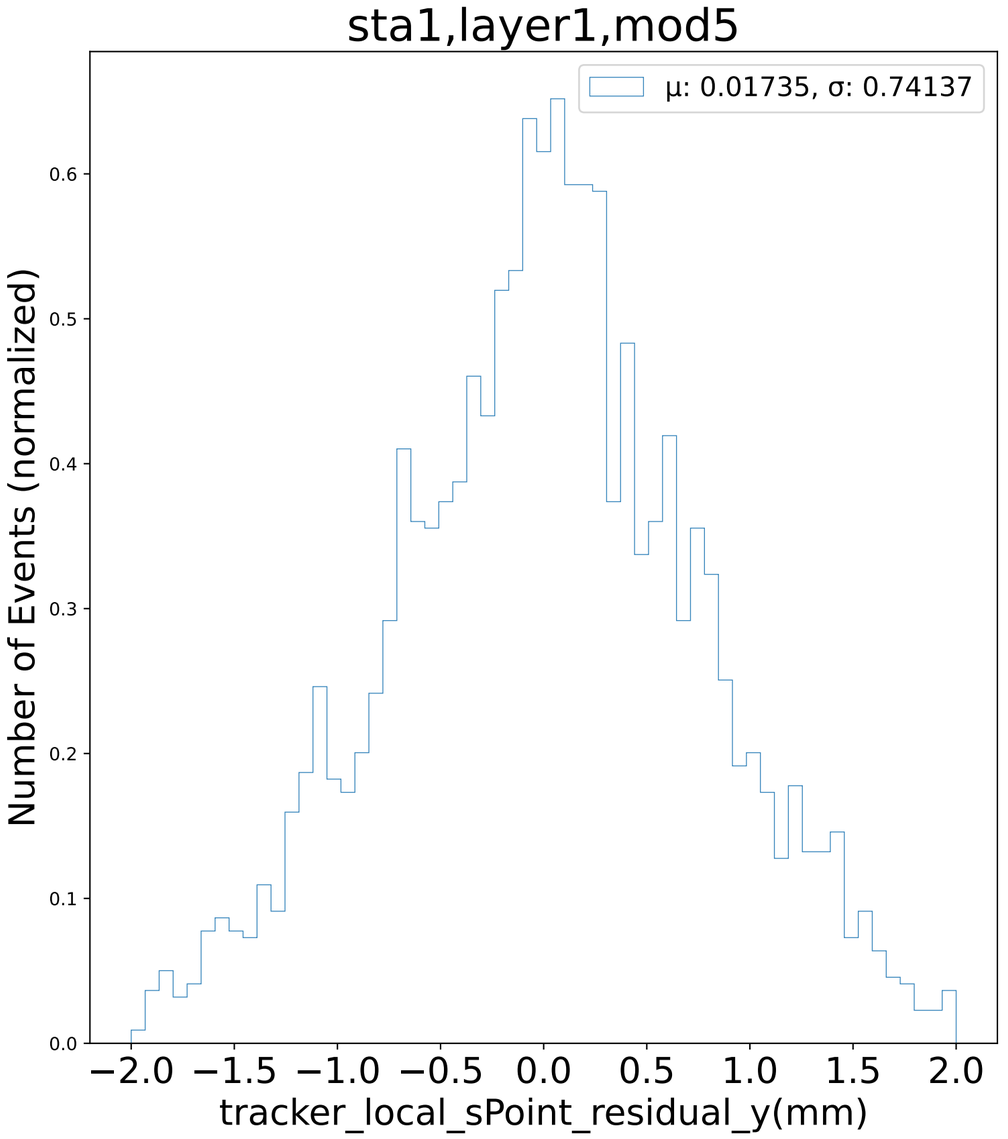

sta1,layer1,mod3
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)
μ: 0.00083, σ: 0.03346

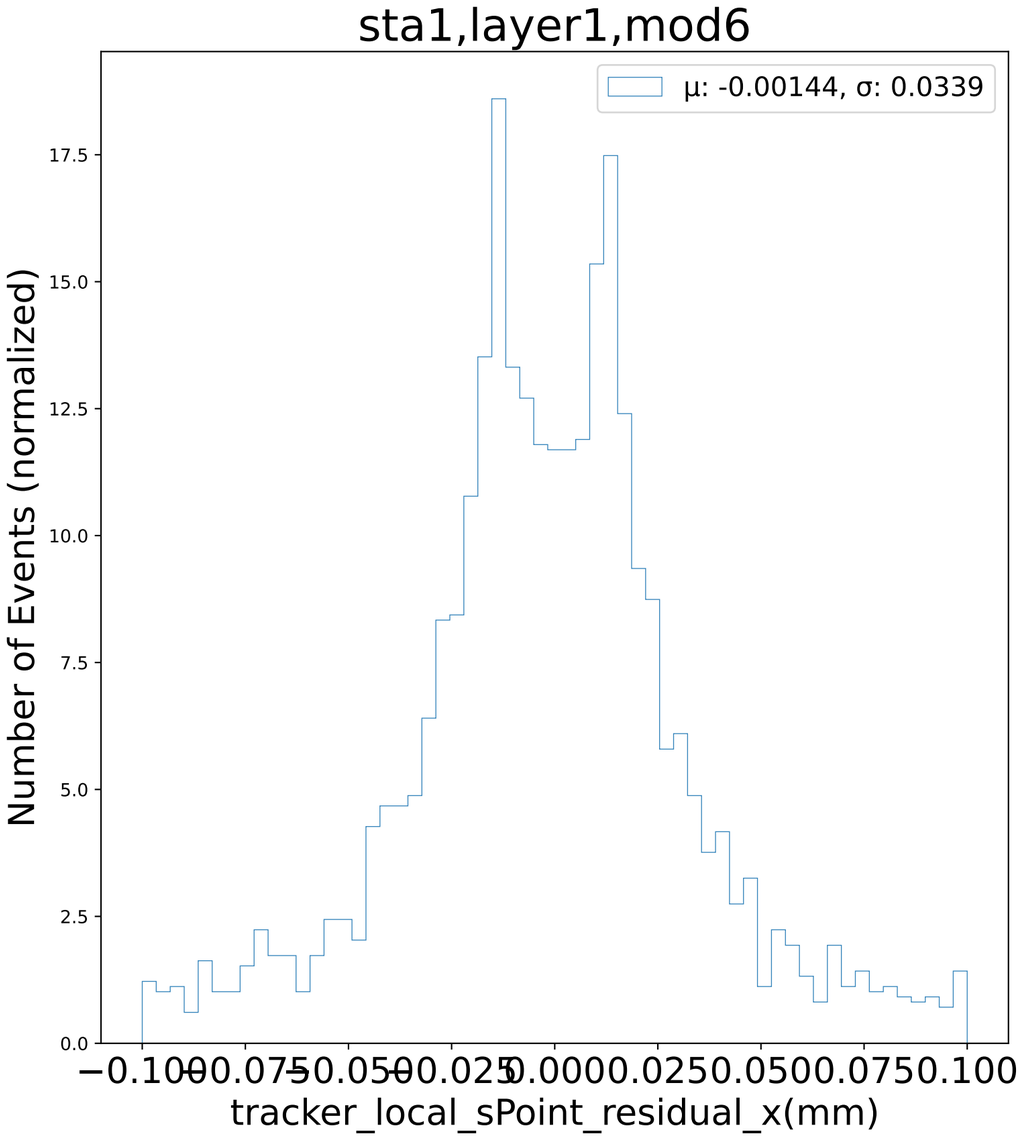

sta1,layer1,mod3
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)
μ: 0.00152, σ: 0.74226

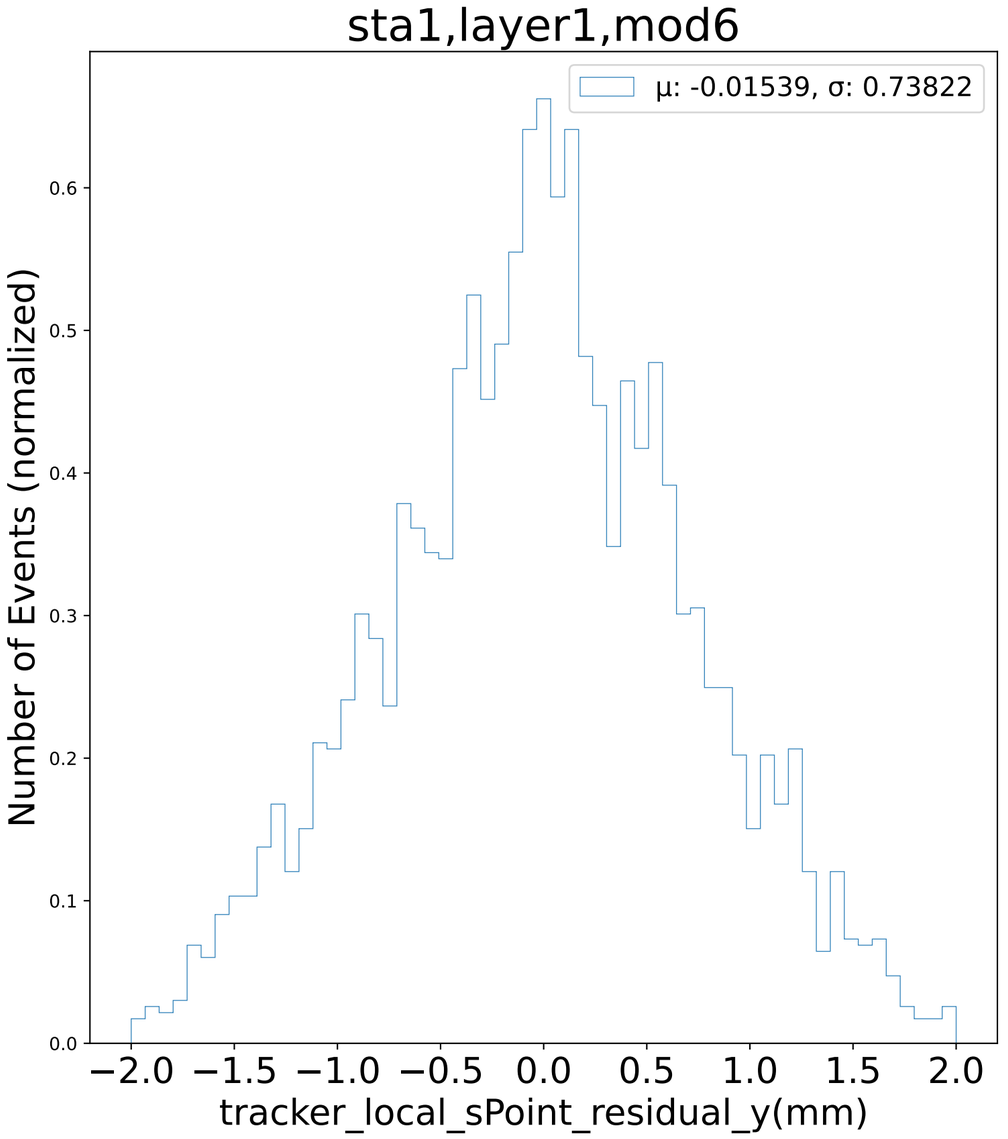

sta1,layer1,mod4
μ: -0.00119, σ: 0.03303
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

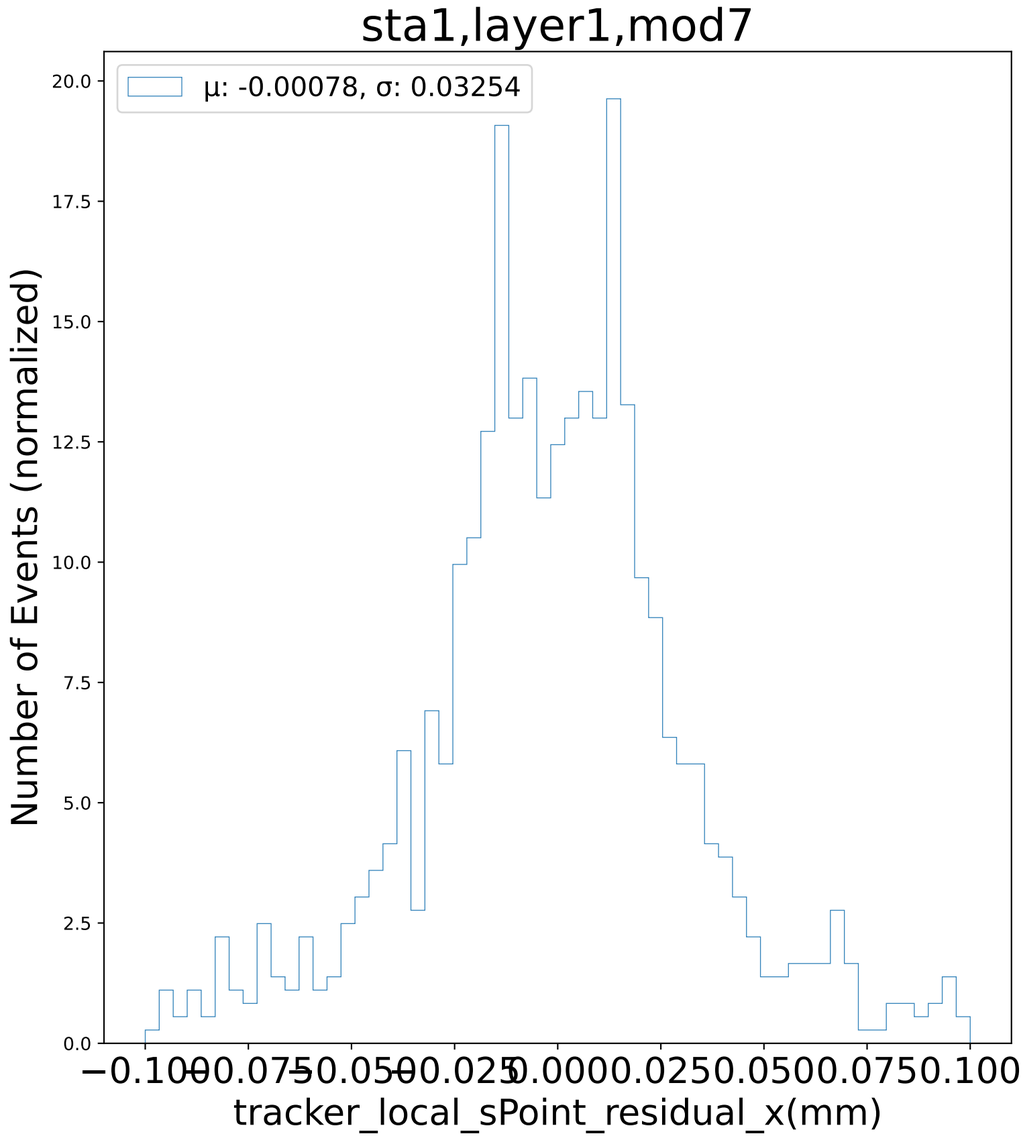

sta1,layer1,mod4
μ: -0.00459, σ: 0.74252
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

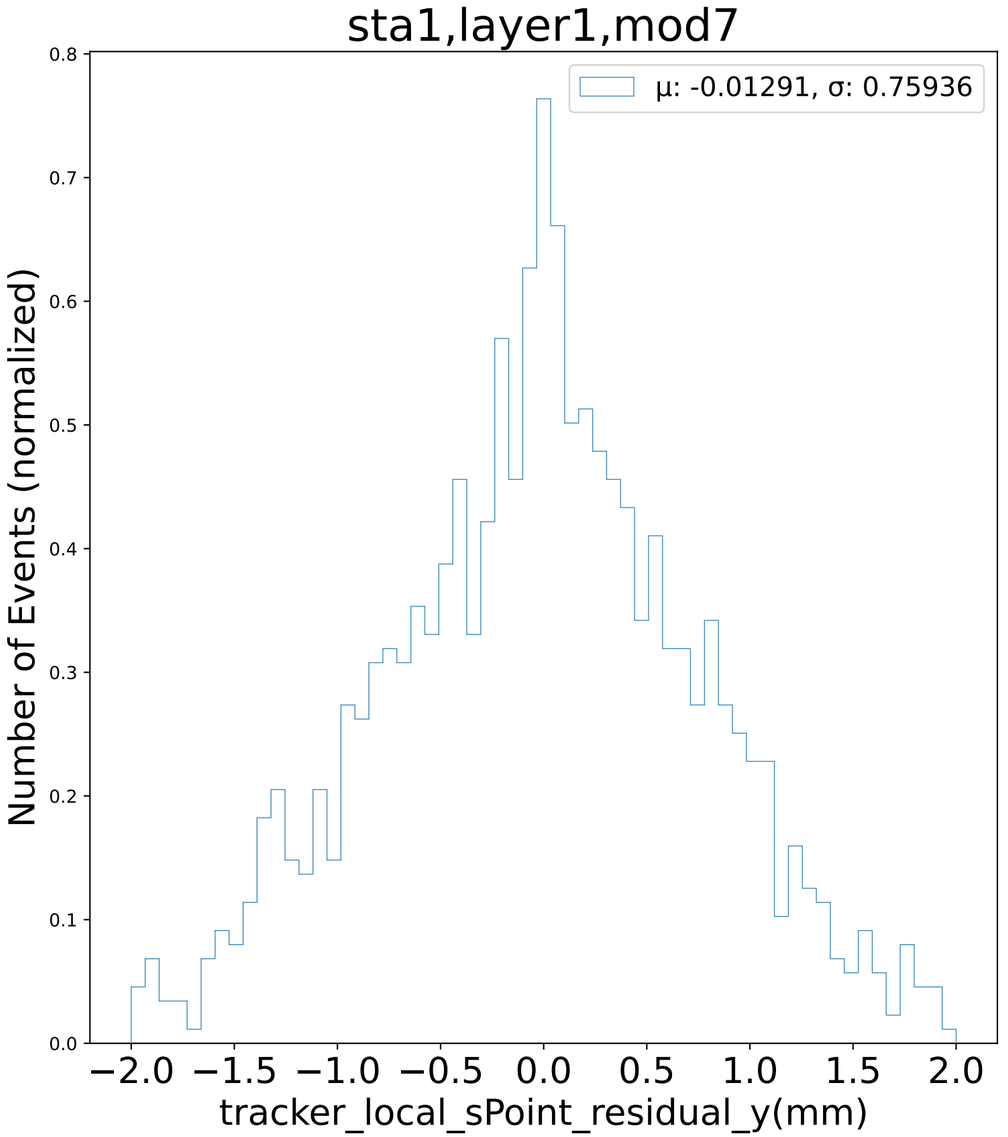

sta1,layer1,mod5
μ: 3e-05, σ: 0.03349
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

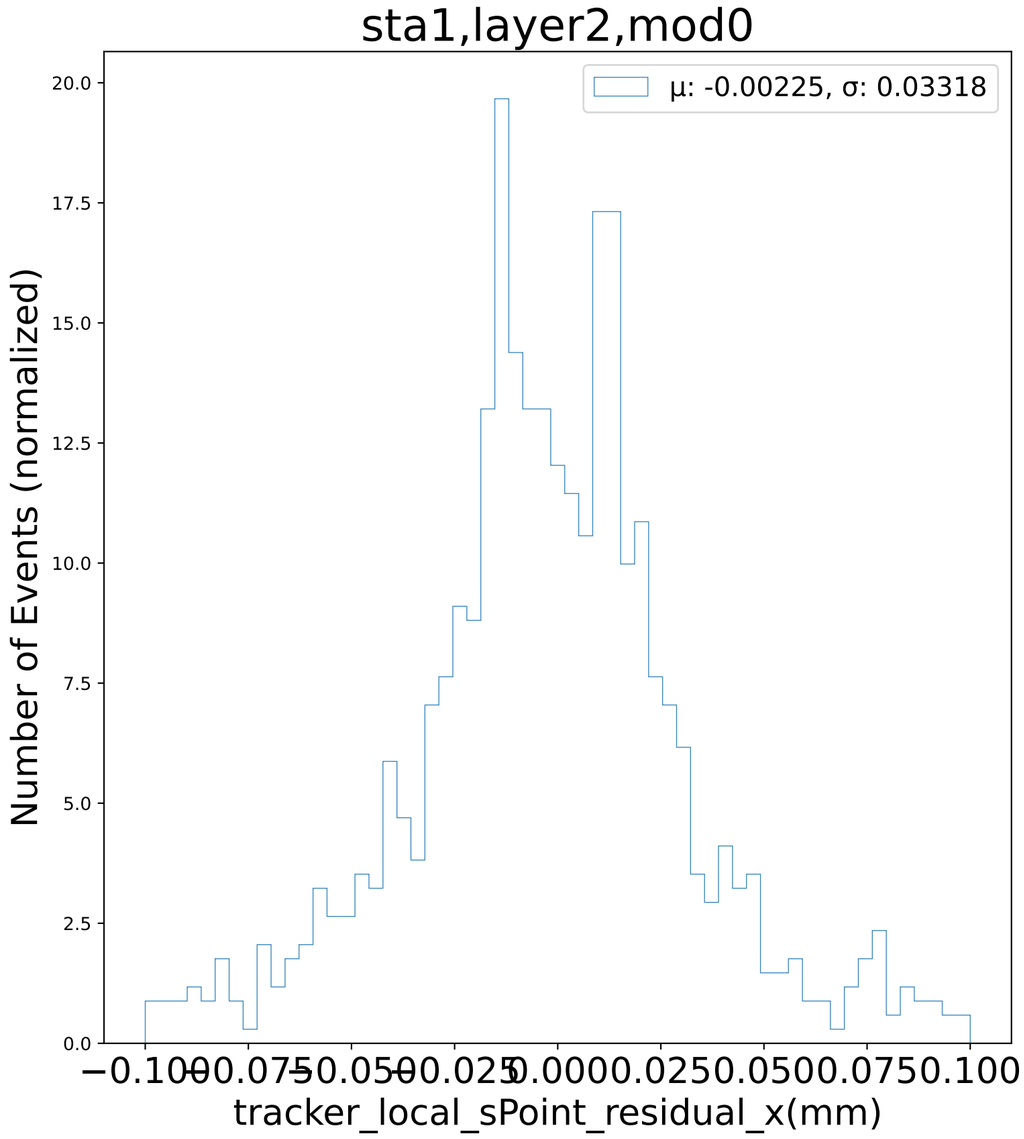

sta1,layer1,mod5
μ: 0.01735, σ: 0.74137
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

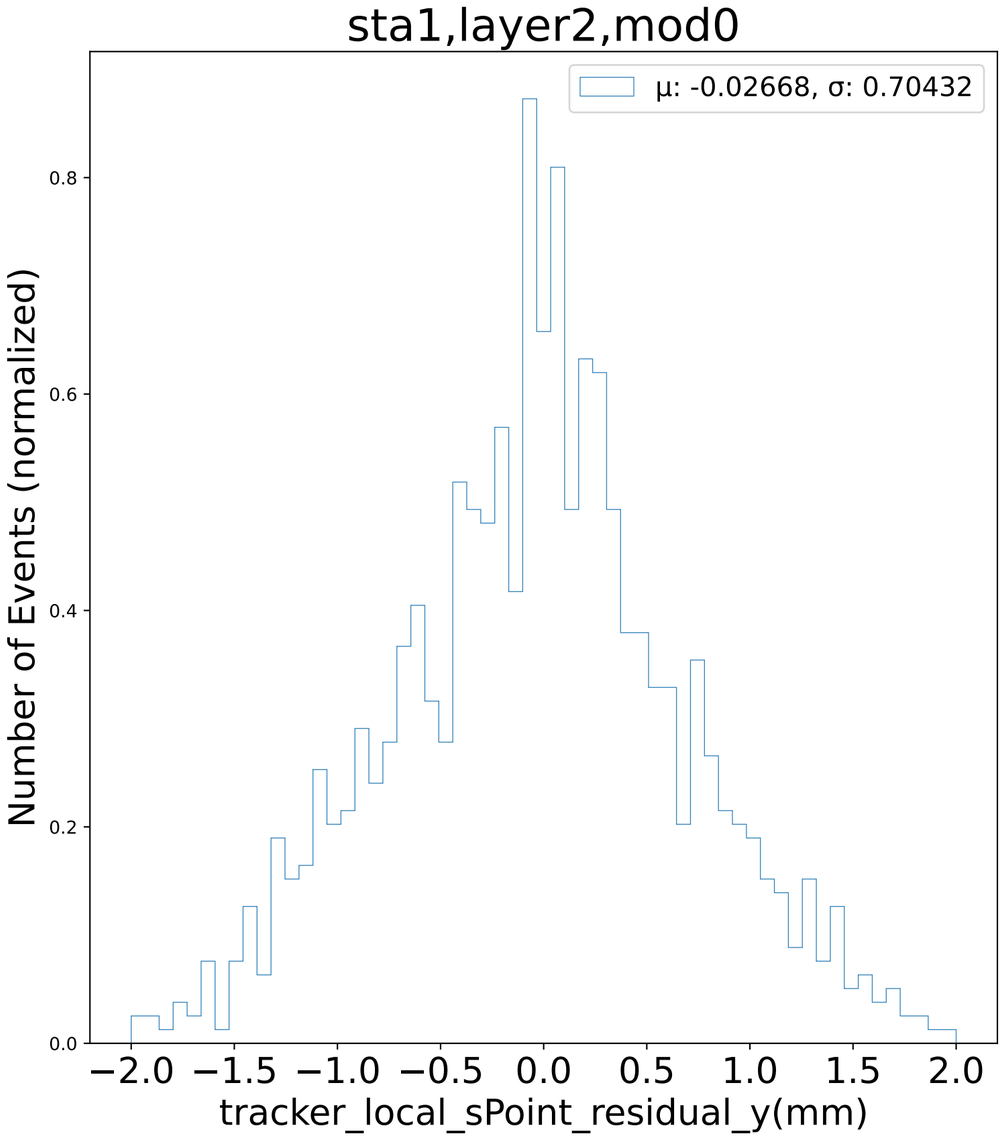

sta1,layer1,mod6
μ: -0.00144, σ: 0.0339
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

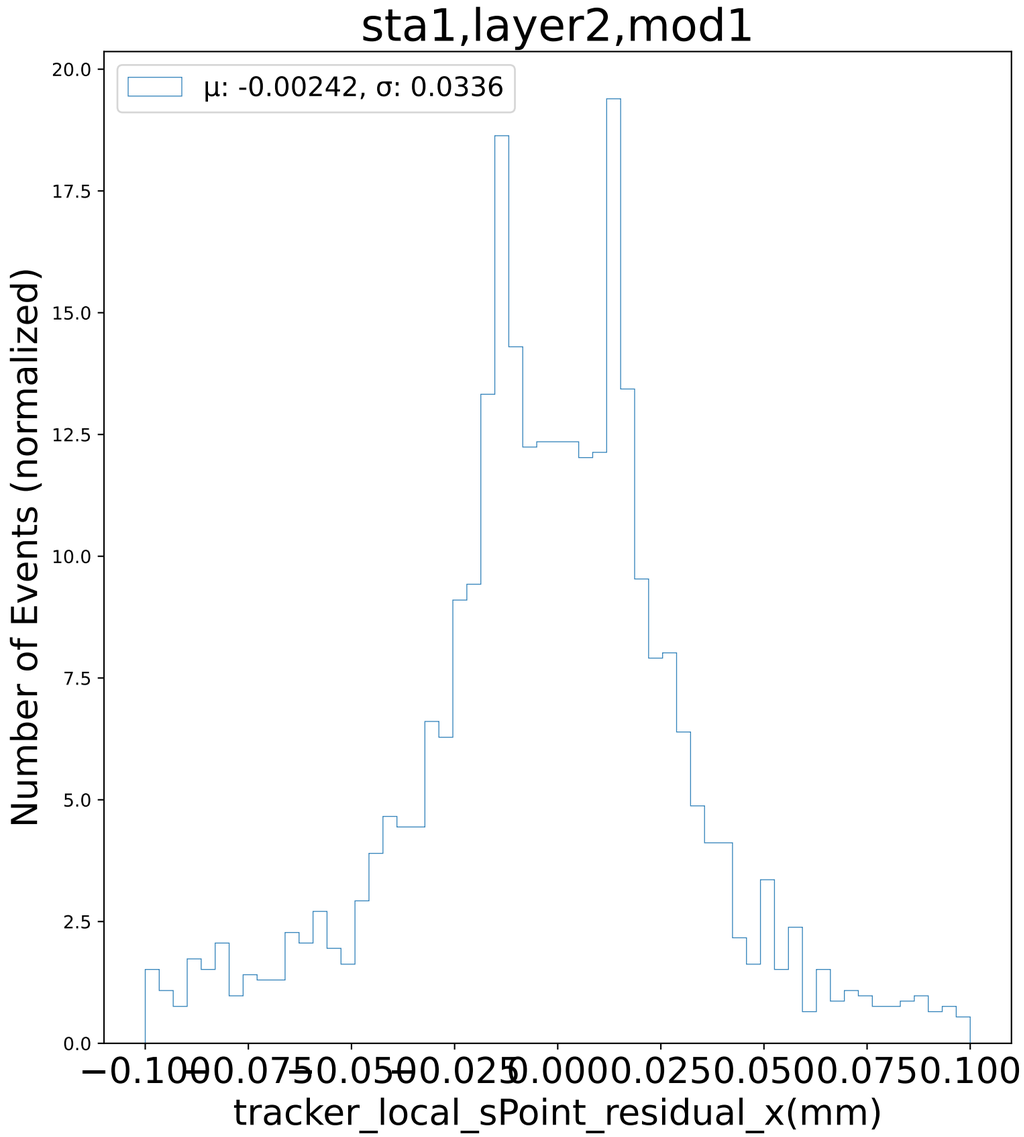

sta1,layer1,mod6
μ: -0.01539, σ: 0.73822
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

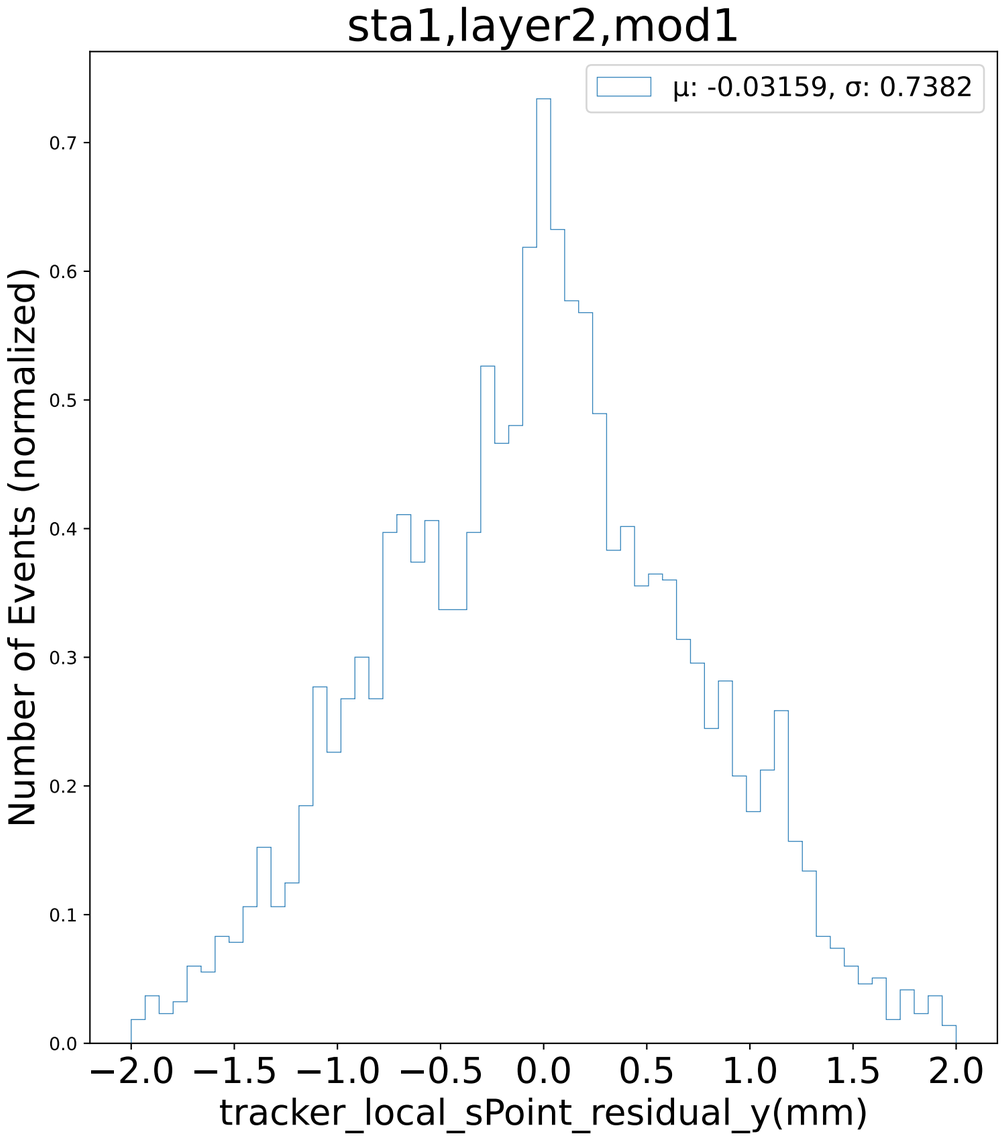

sta1,layer1,mod7
μ: -0.00078, σ: 0.03254
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

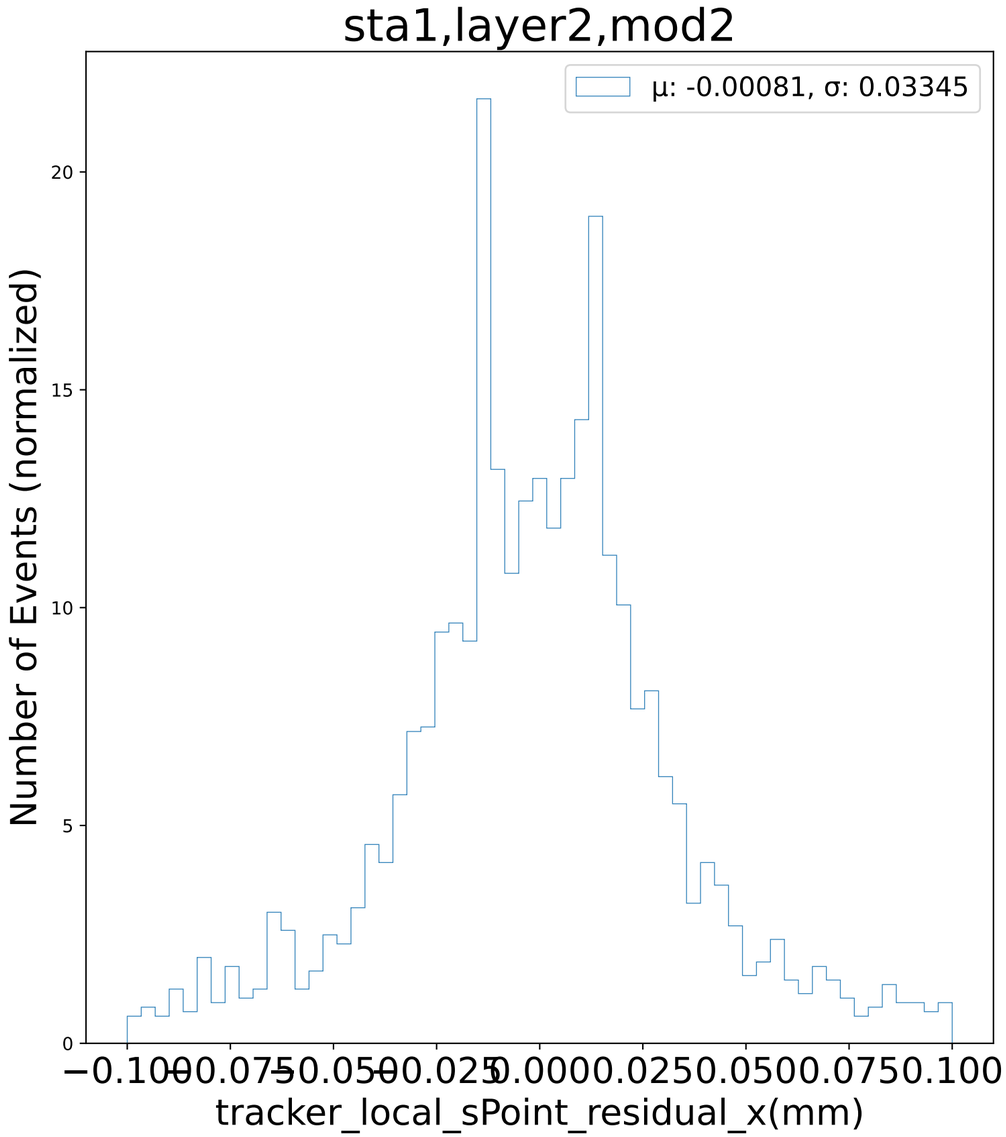

sta1,layer1,mod7
μ: -0.01291, σ: 0.75936
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

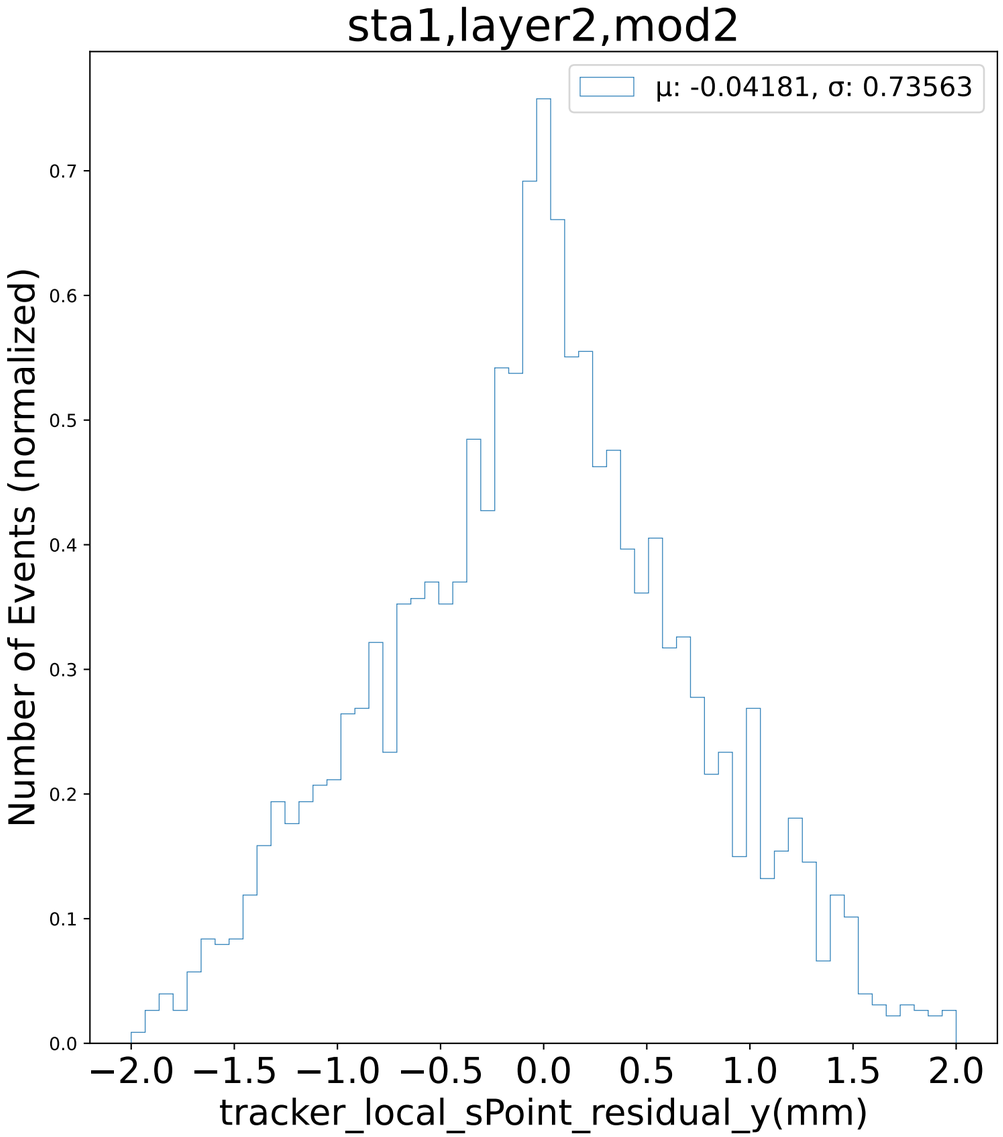

sta1,layer2,mod0
μ: -0.00225, σ: 0.03318
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

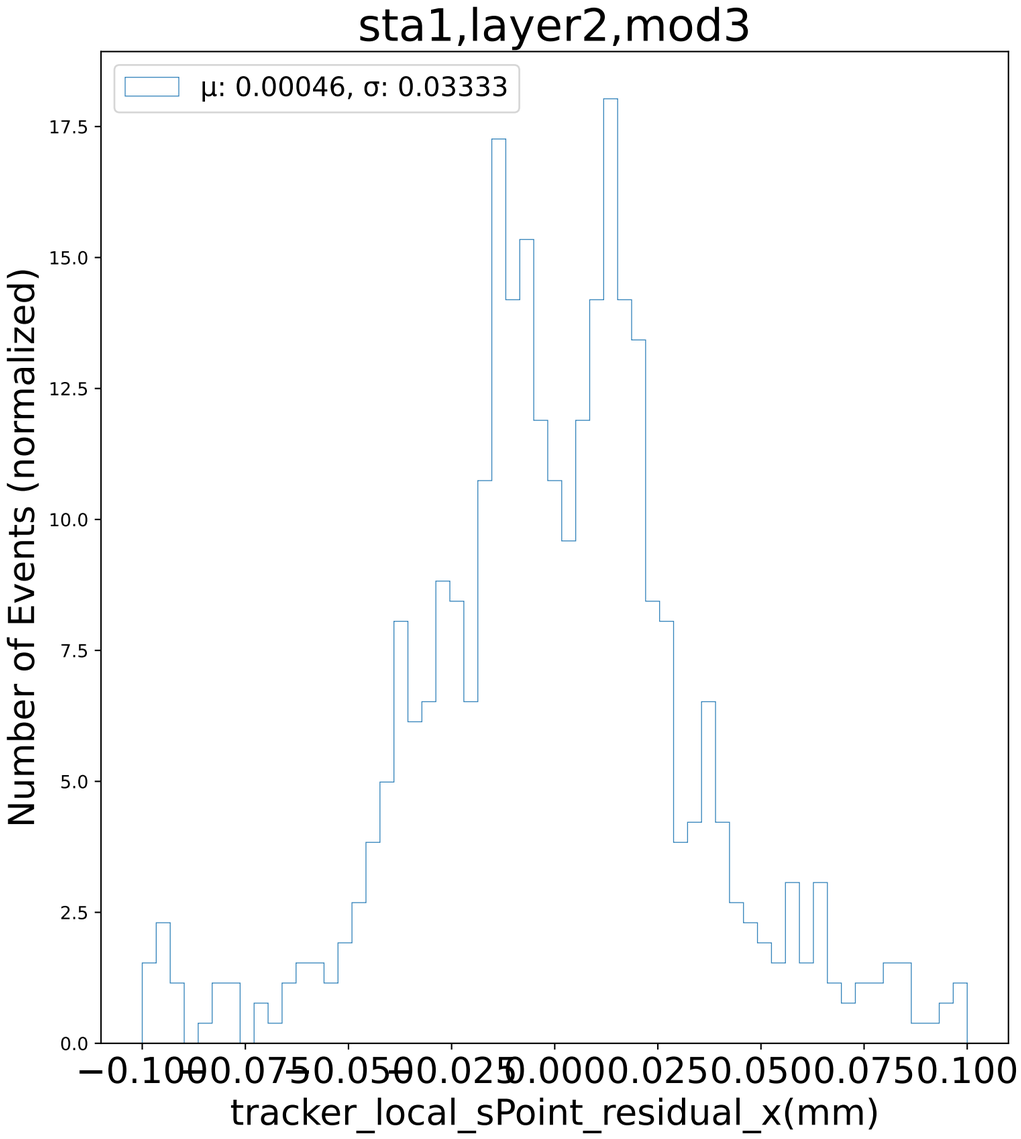

sta1,layer2,mod0
μ: -0.02668, σ: 0.70432
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

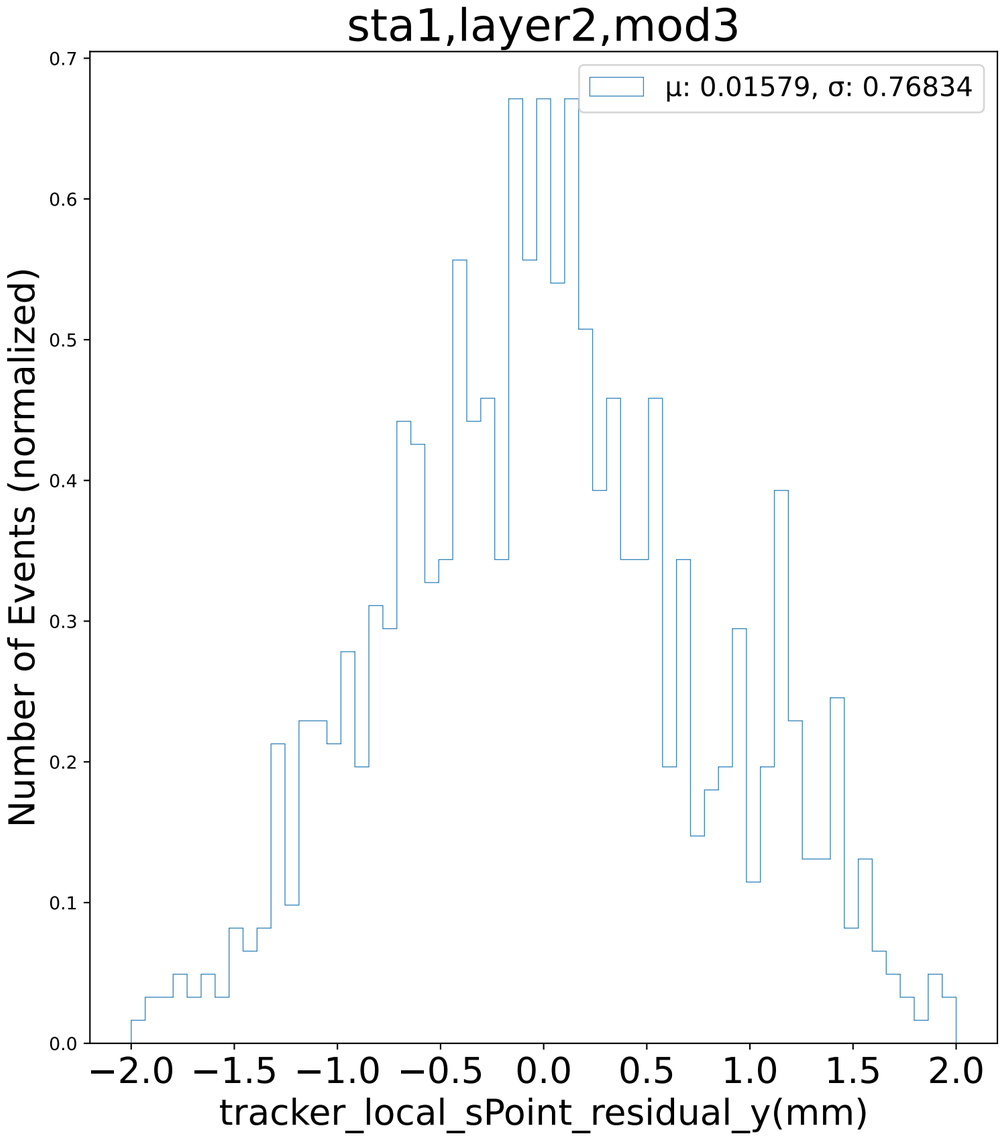

sta1,layer2,mod1
μ: -0.00242, σ: 0.0336
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

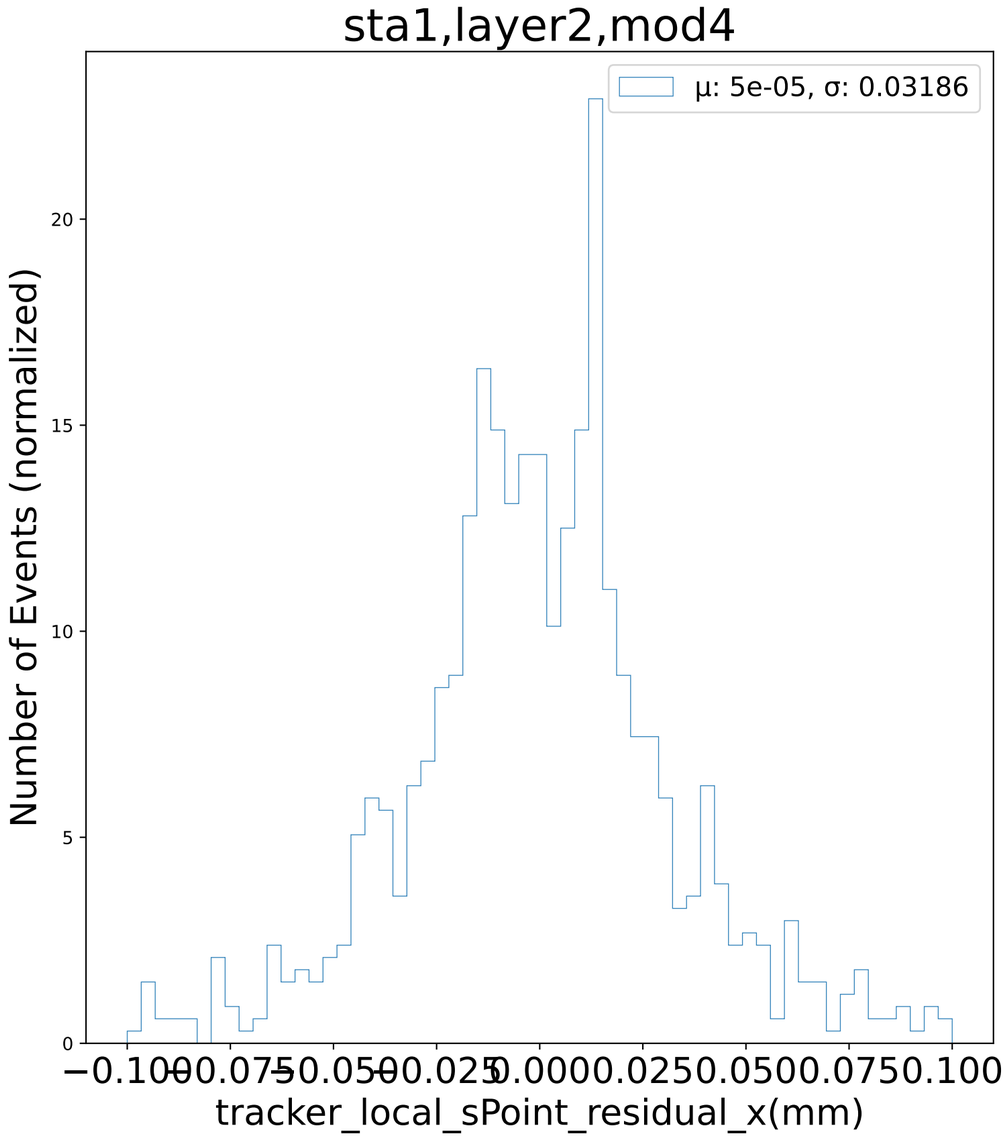

sta1,layer2,mod1
μ: -0.03159, σ: 0.7382
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

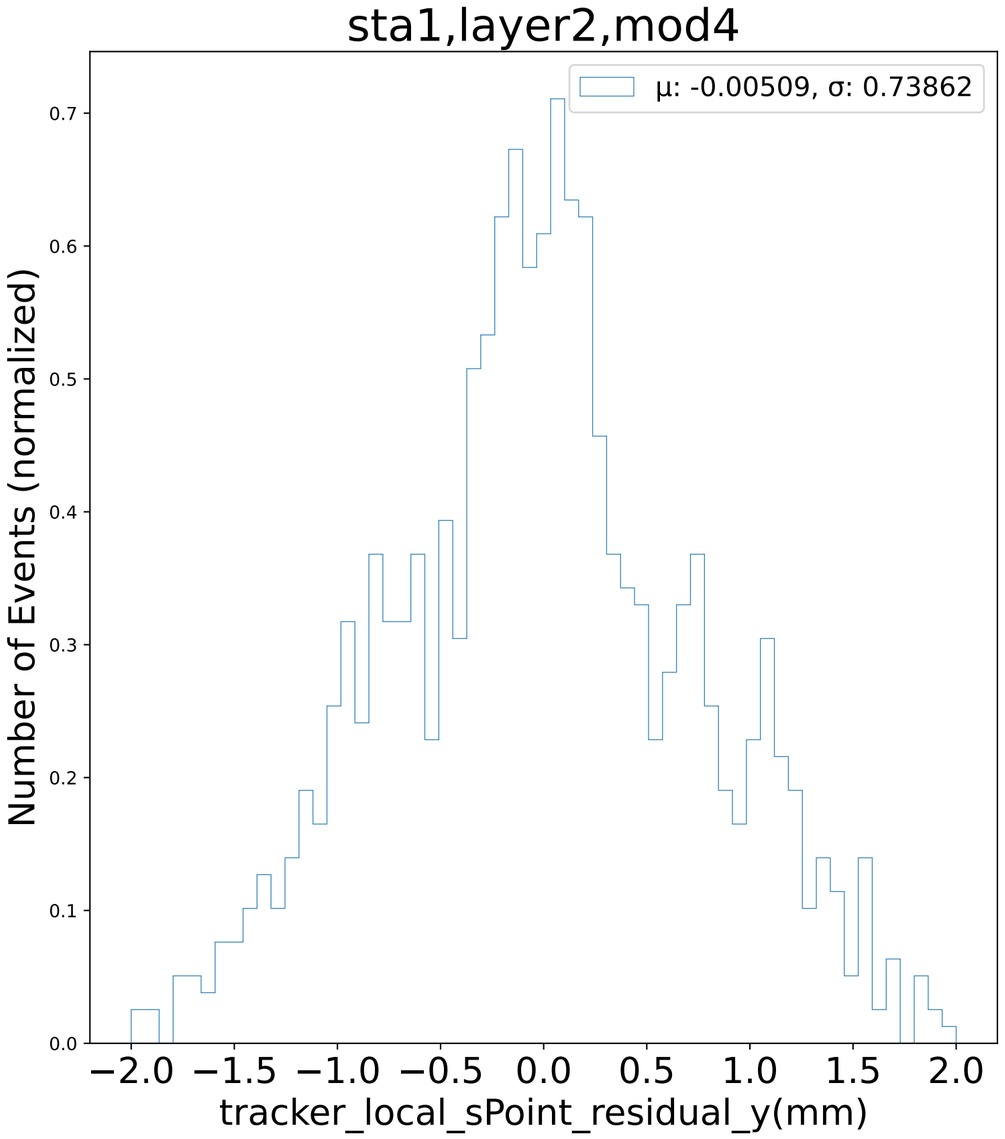

sta1,layer2,mod2
μ: -0.00081, σ: 0.03345
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

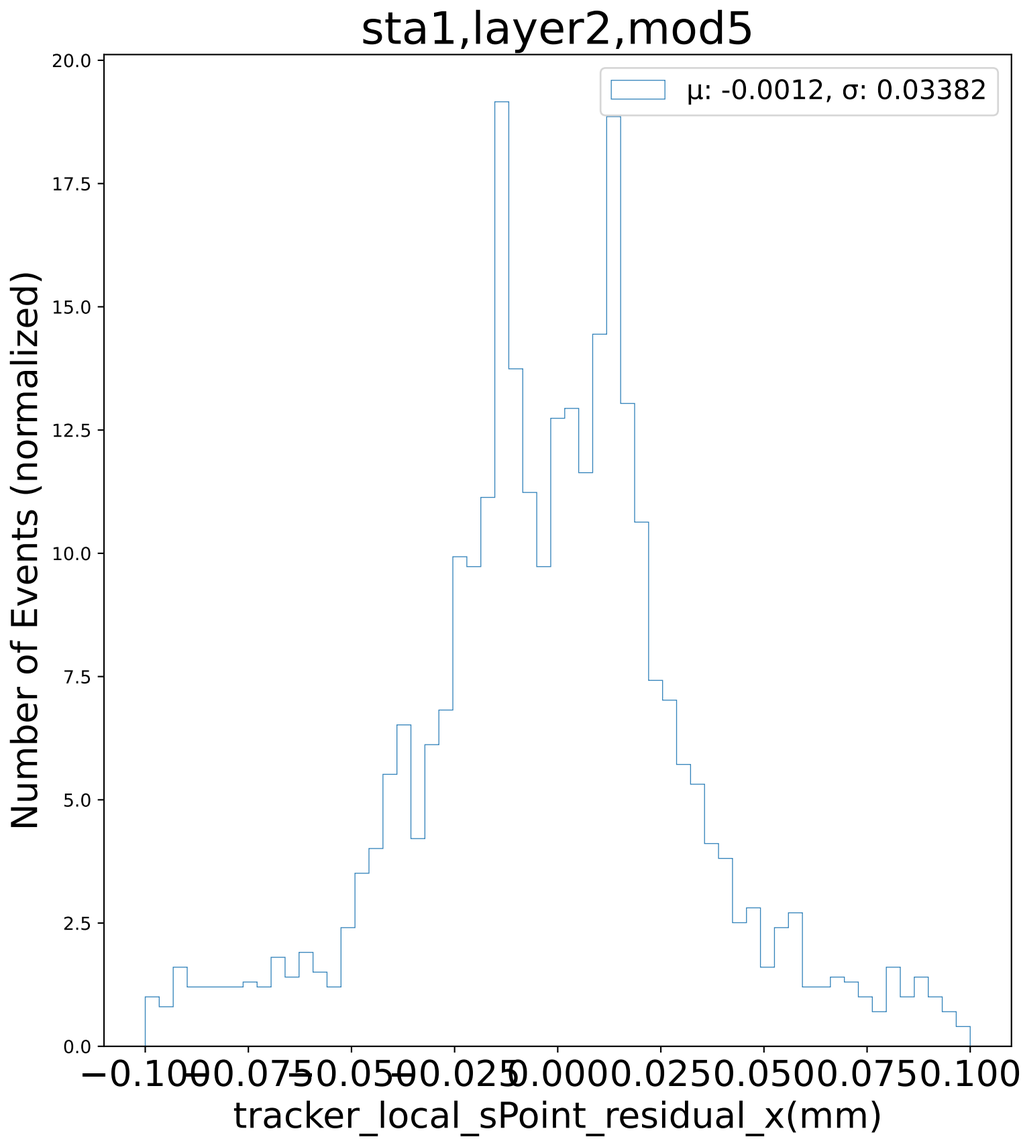

sta1,layer2,mod2
μ: -0.04181, σ: 0.73563
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

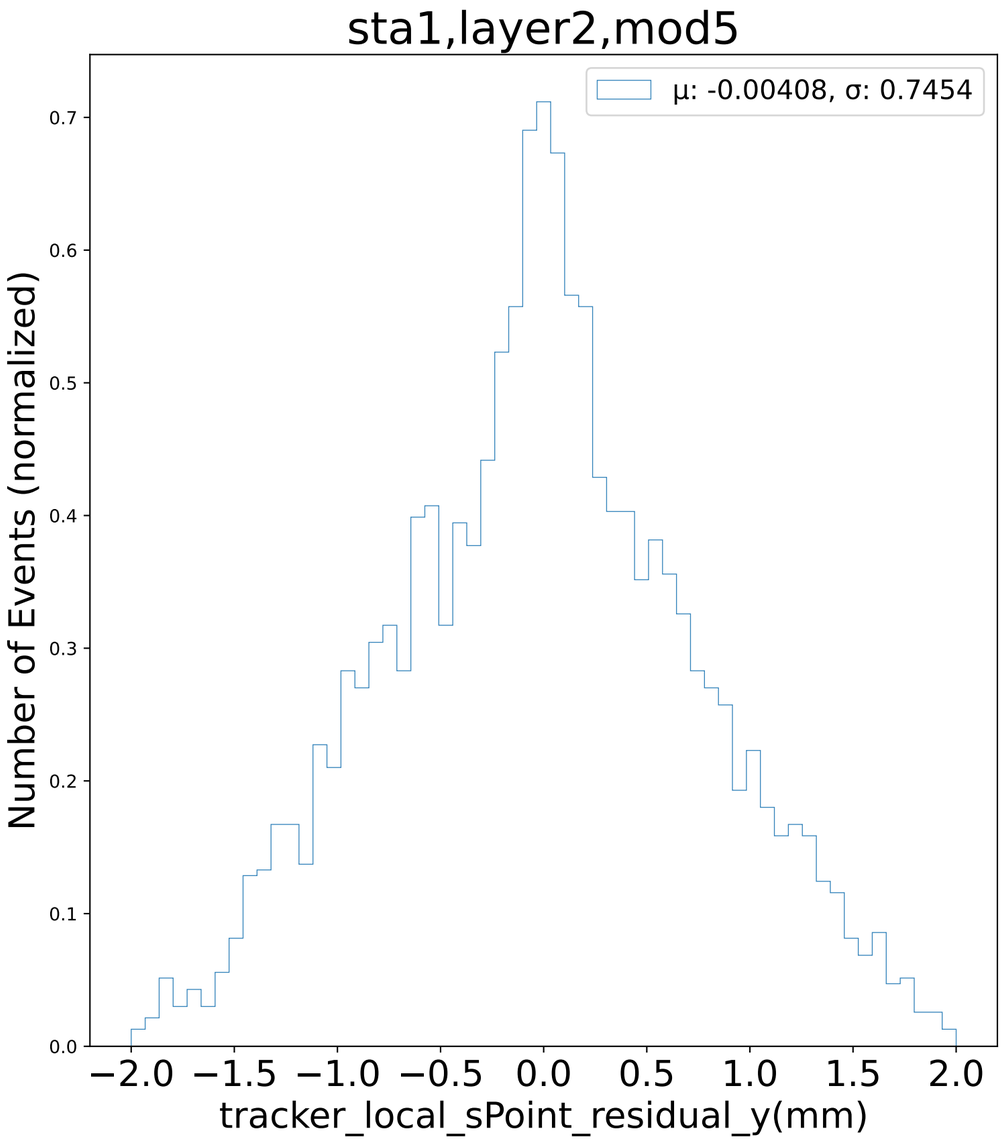

sta1,layer2,mod3
μ: 0.00046, σ: 0.03333
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

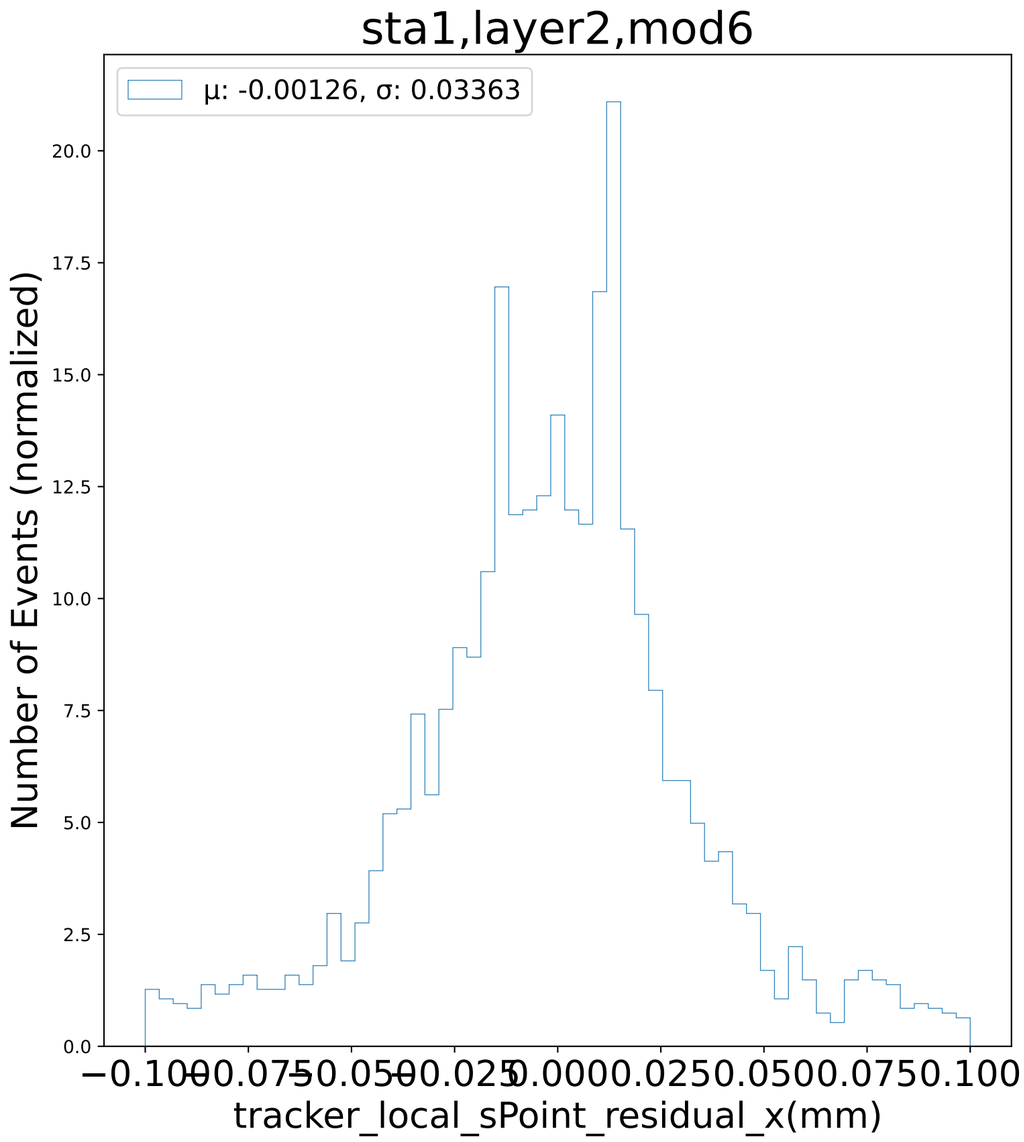

sta1,layer2,mod3
μ: 0.01579, σ: 0.76834
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

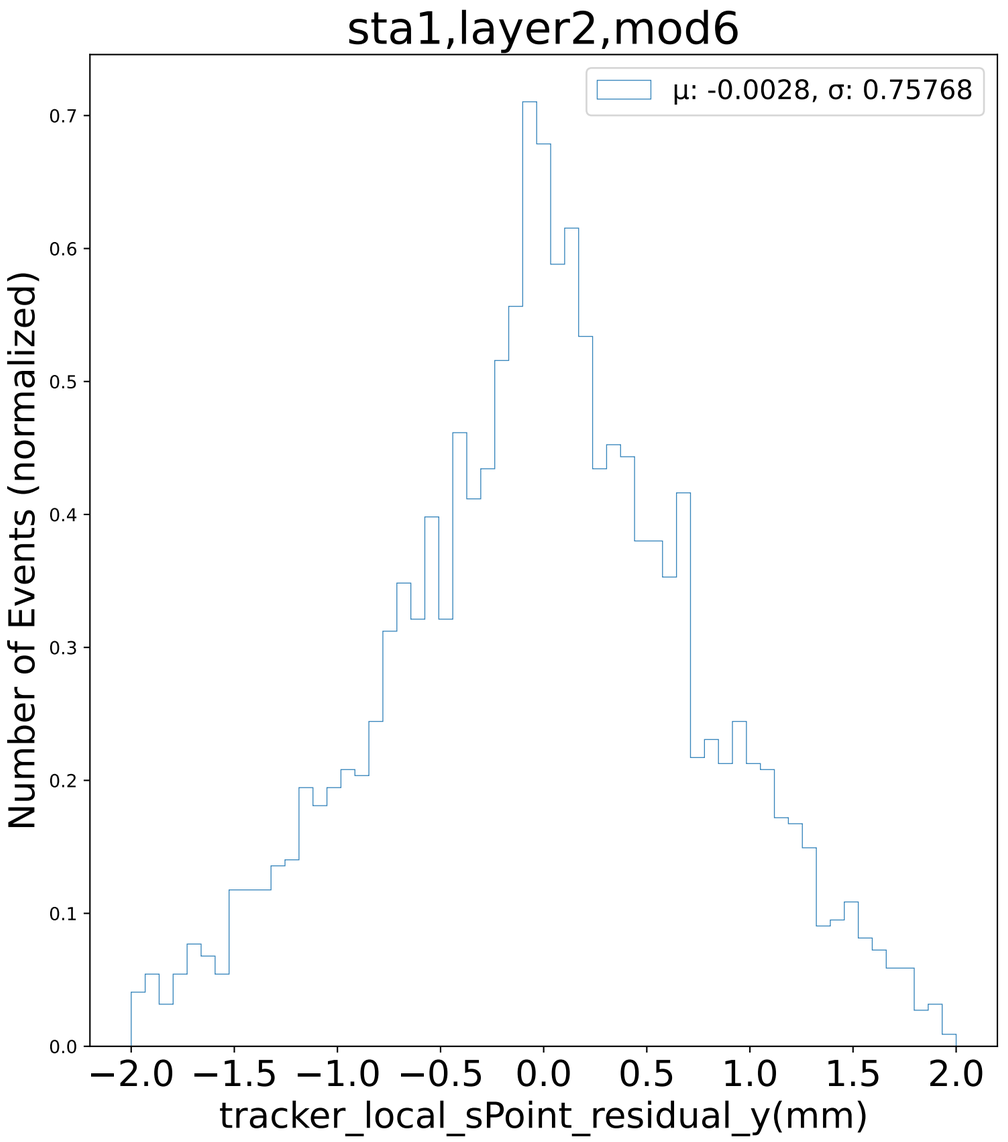

sta1,layer2,mod4
μ: 5e-05, σ: 0.03186
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

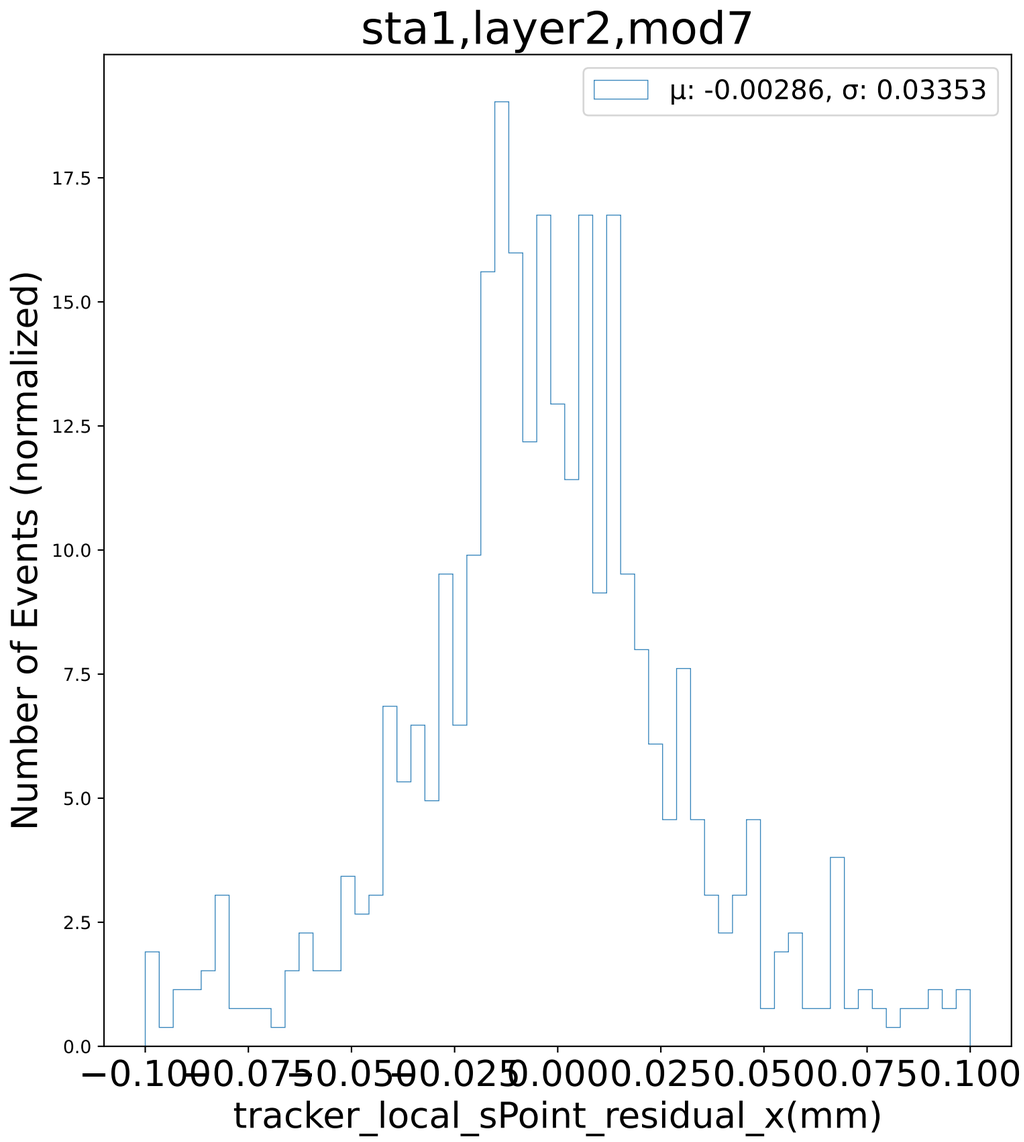

sta1,layer2,mod4
μ: -0.00509, σ: 0.73862
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

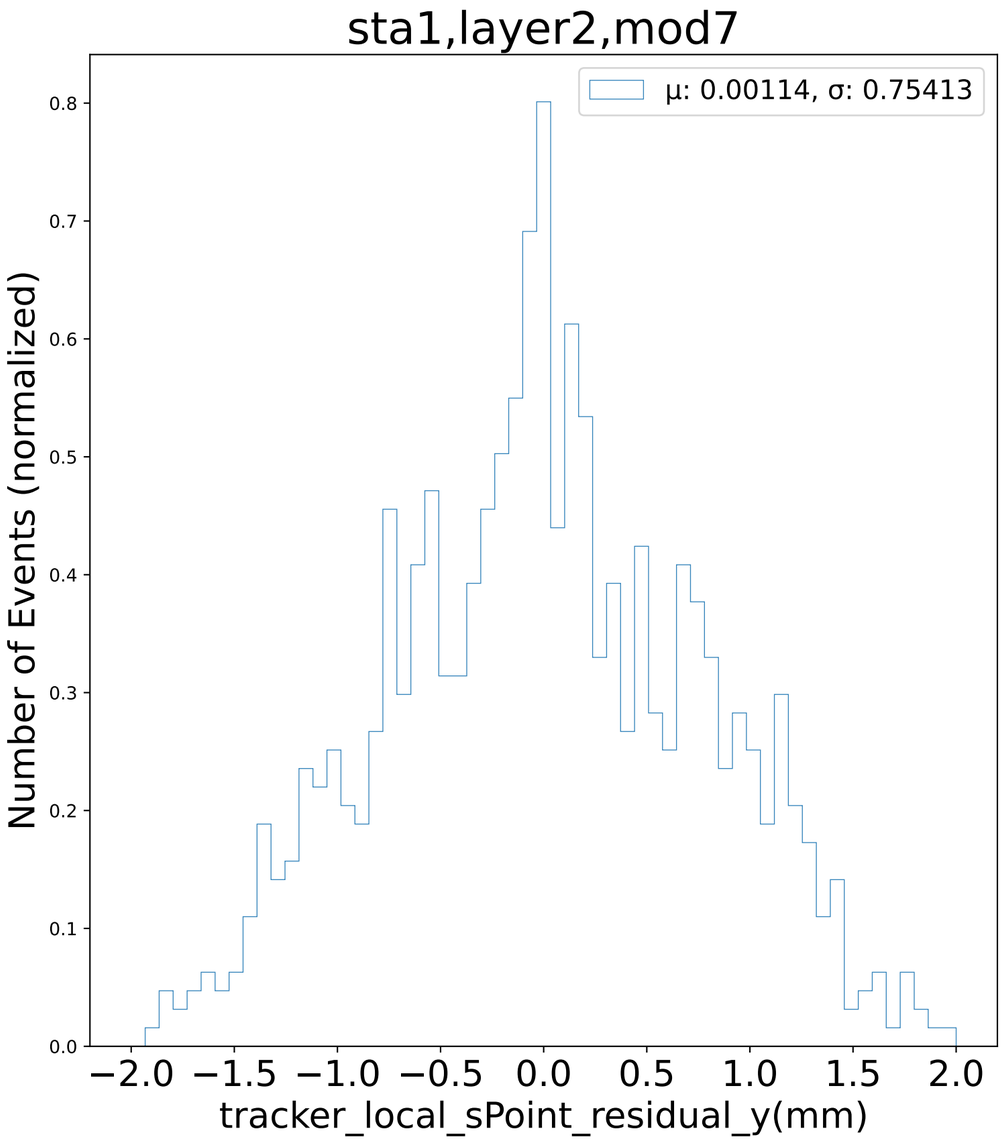

sta1,layer2,mod5
μ: -0.0012, σ: 0.03382
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

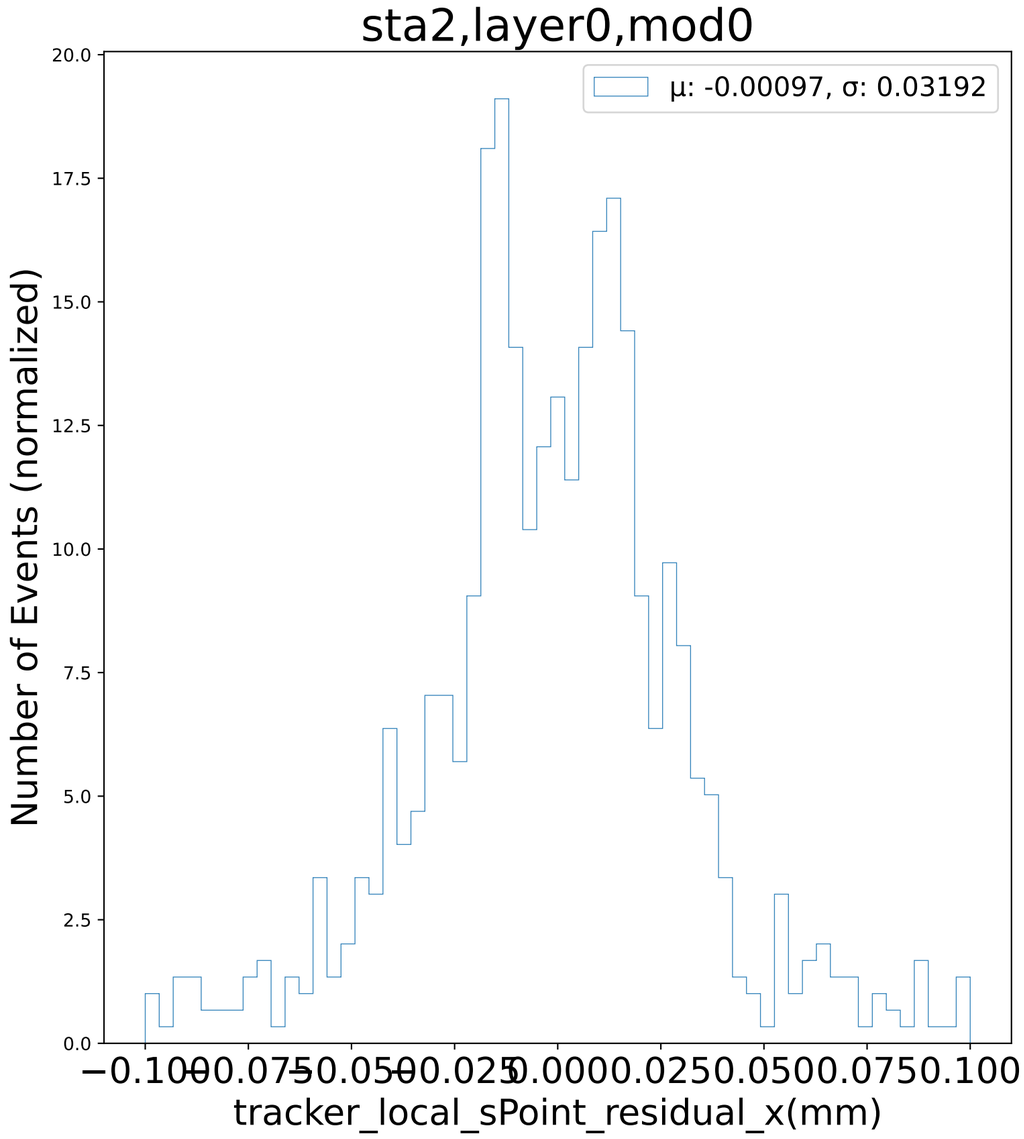

sta1,layer2,mod5
μ: -0.00408, σ: 0.7454
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

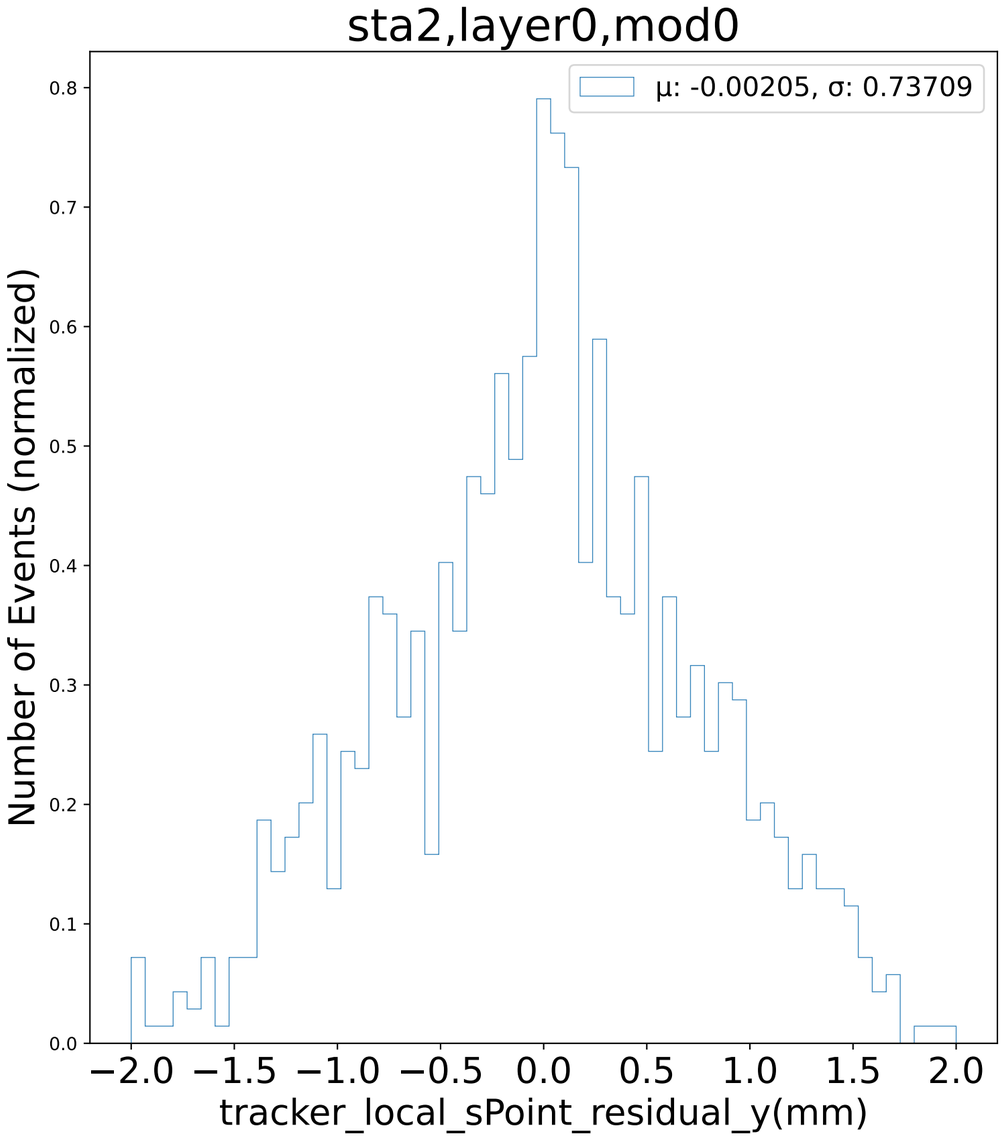

sta1,layer2,mod6
μ: -0.00126, σ: 0.03363
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

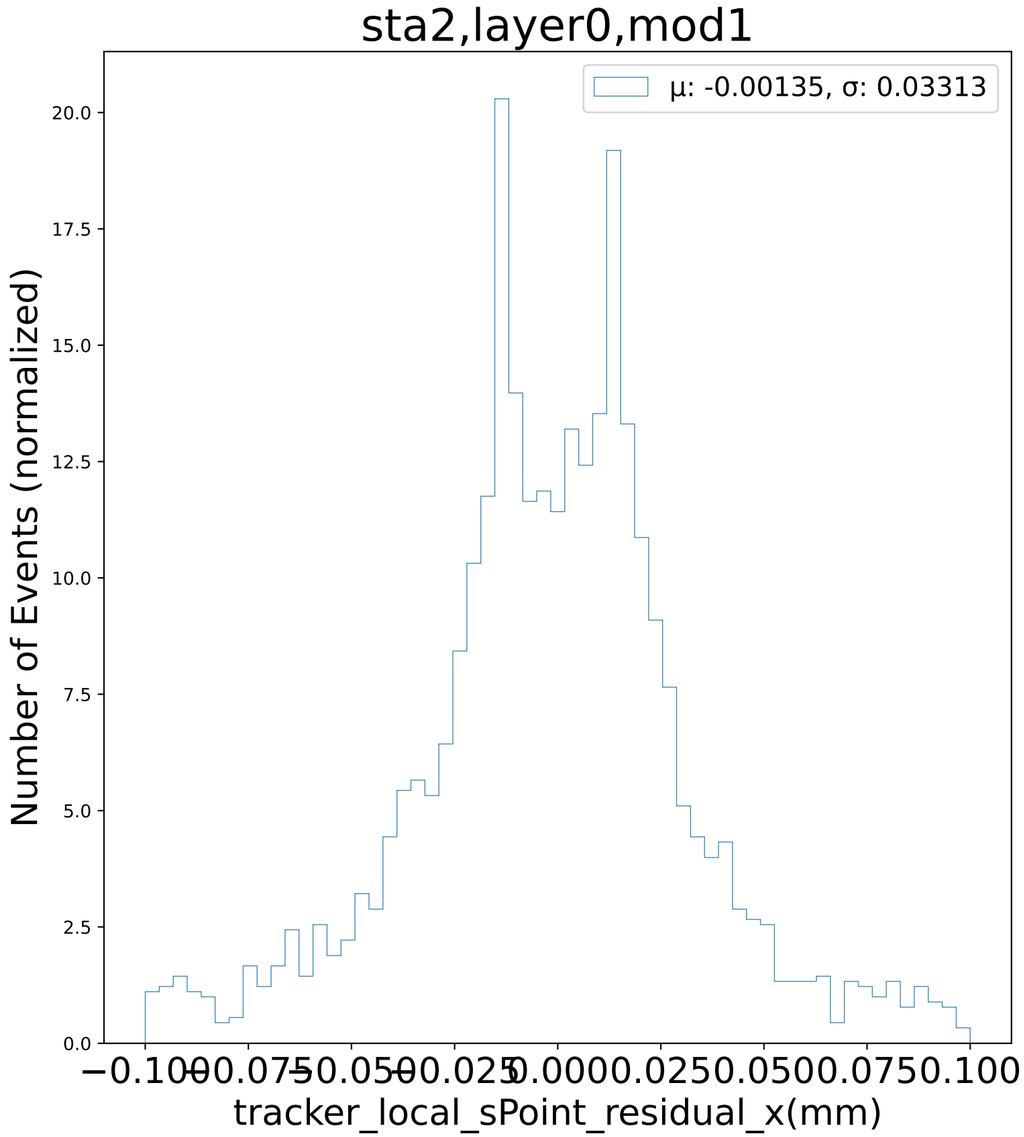

sta1,layer2,mod6
μ: -0.0028, σ: 0.75768
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

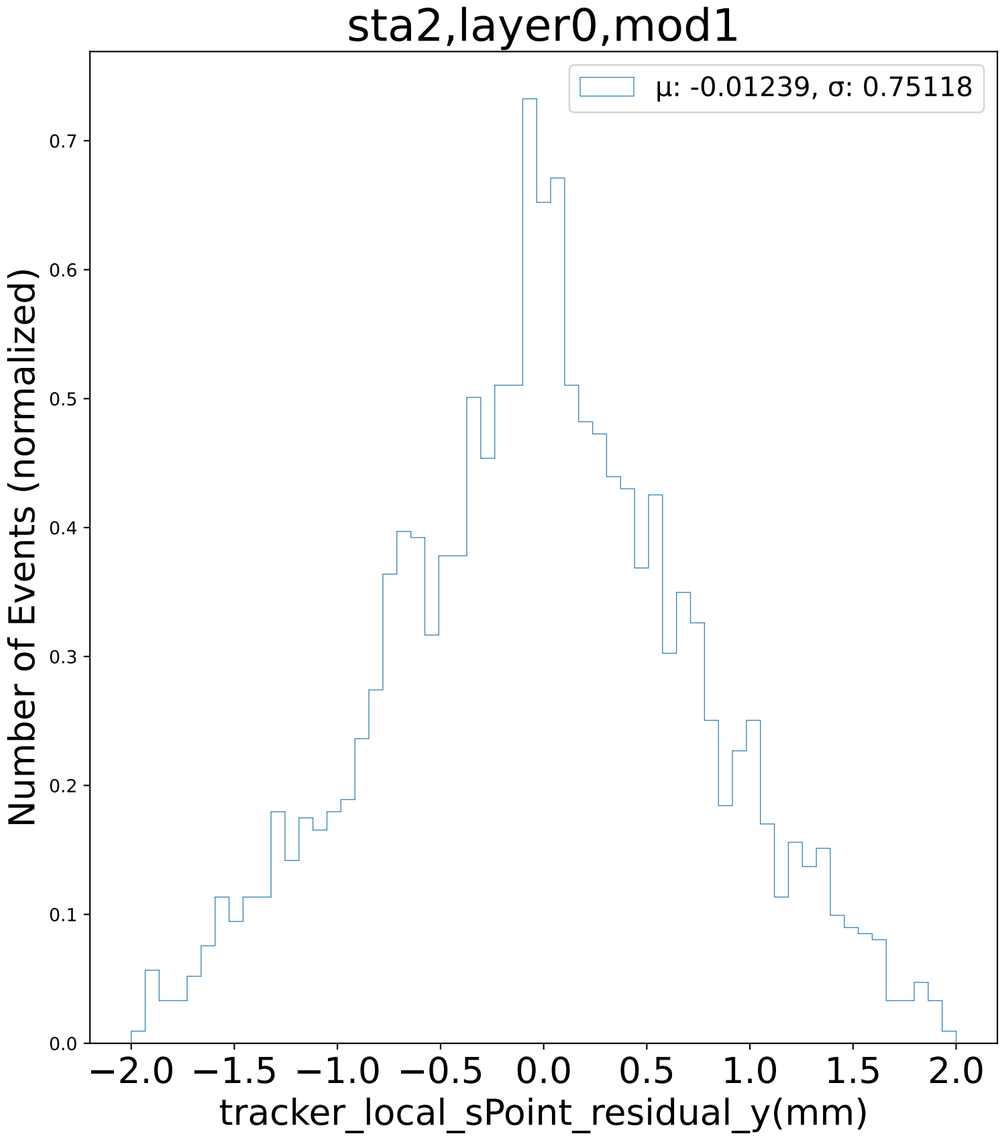

sta1,layer2,mod7
μ: -0.00286, σ: 0.03353
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

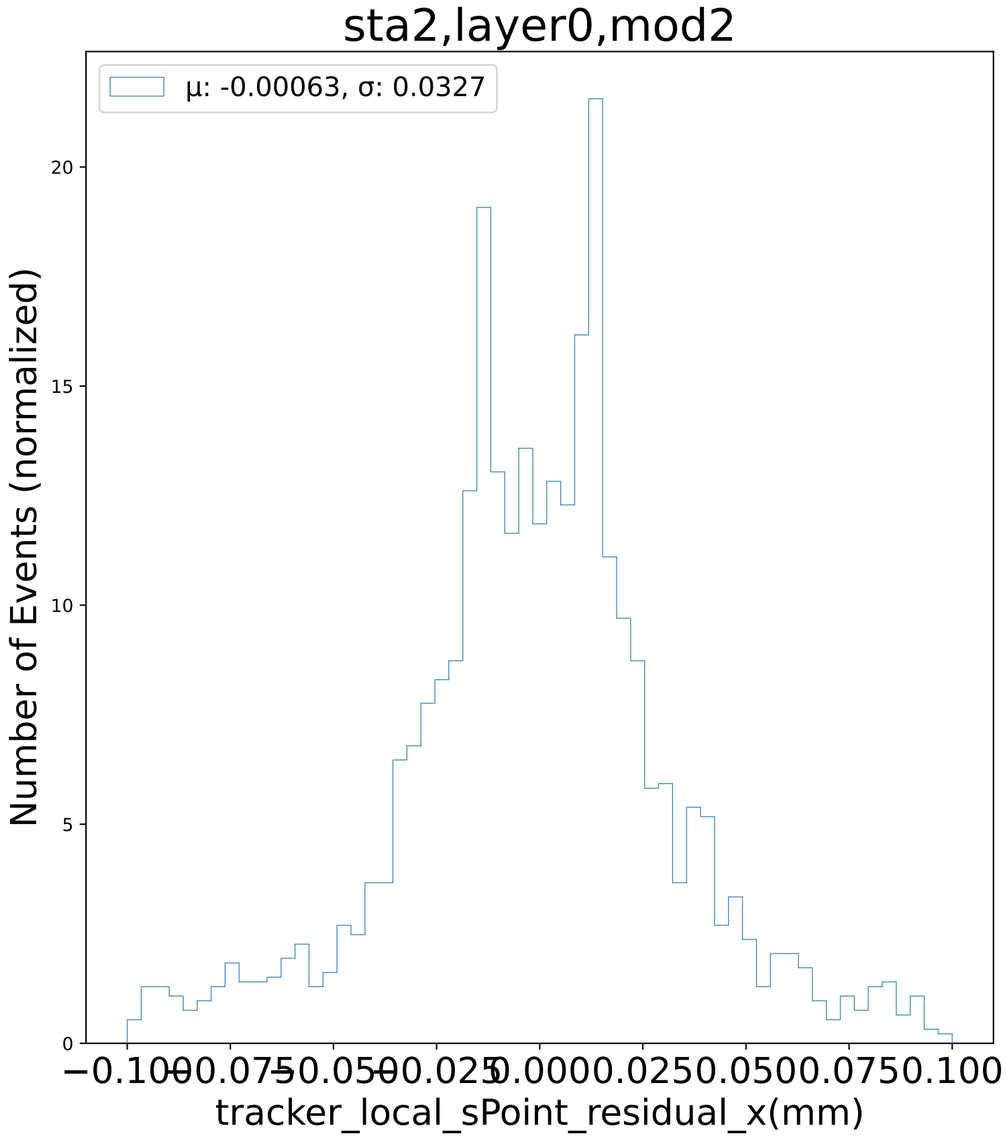

sta1,layer2,mod7
μ: 0.00114, σ: 0.75413
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

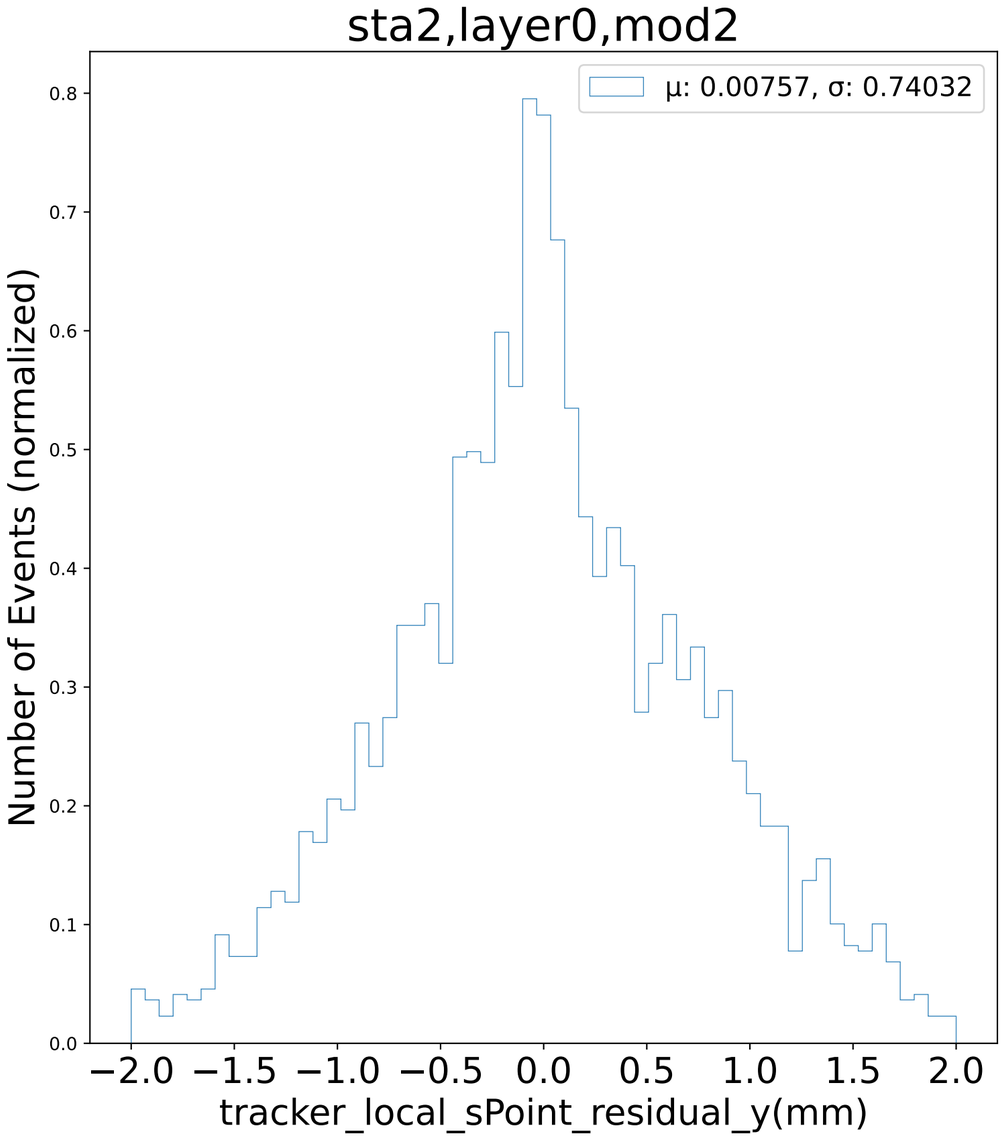

sta2,layer0,mod0
μ: -0.00097, σ: 0.03192
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

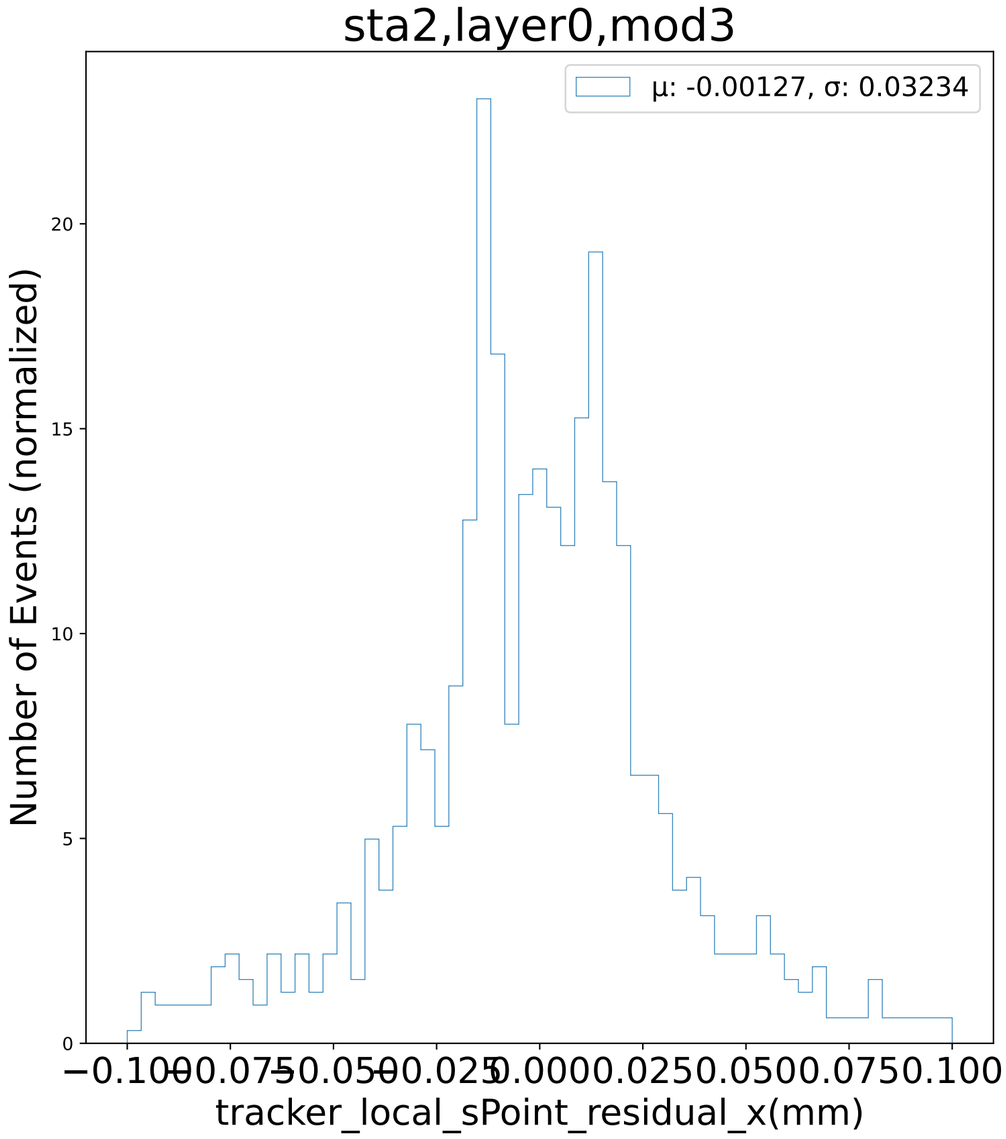

sta2,layer0,mod0
μ: -0.00205, σ: 0.73709
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

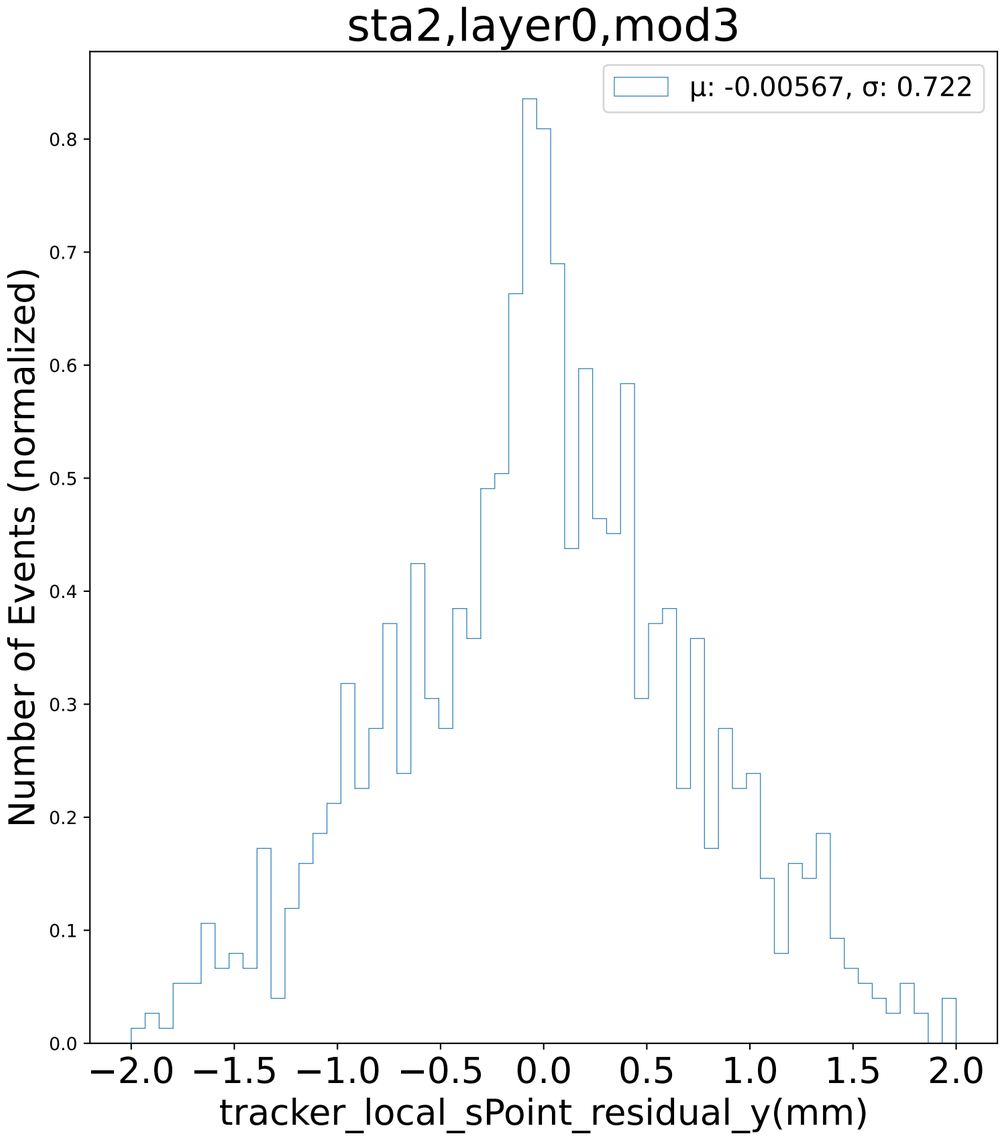

sta2,layer0,mod1
μ: -0.00135, σ: 0.03313
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

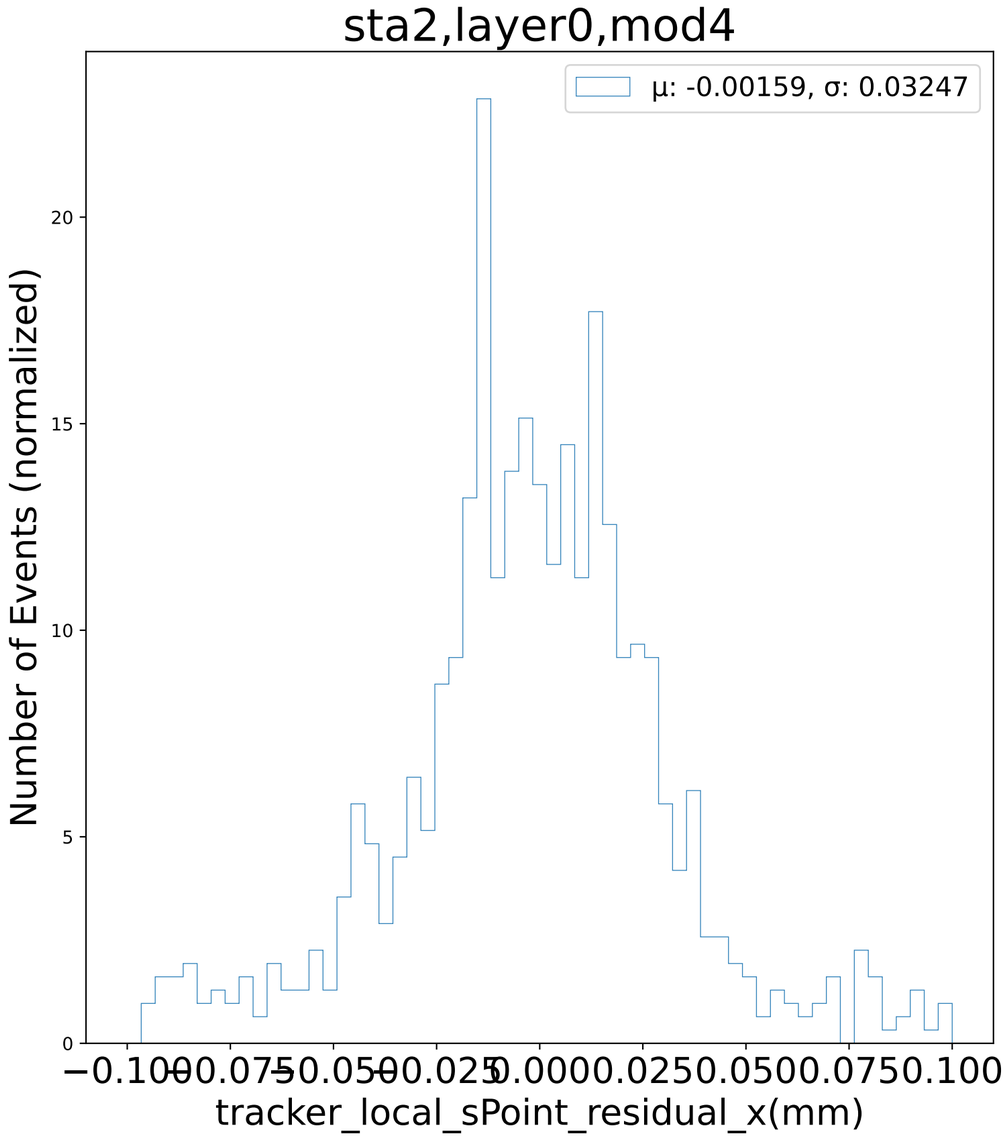

sta2,layer0,mod1
μ: -0.01239, σ: 0.75118
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

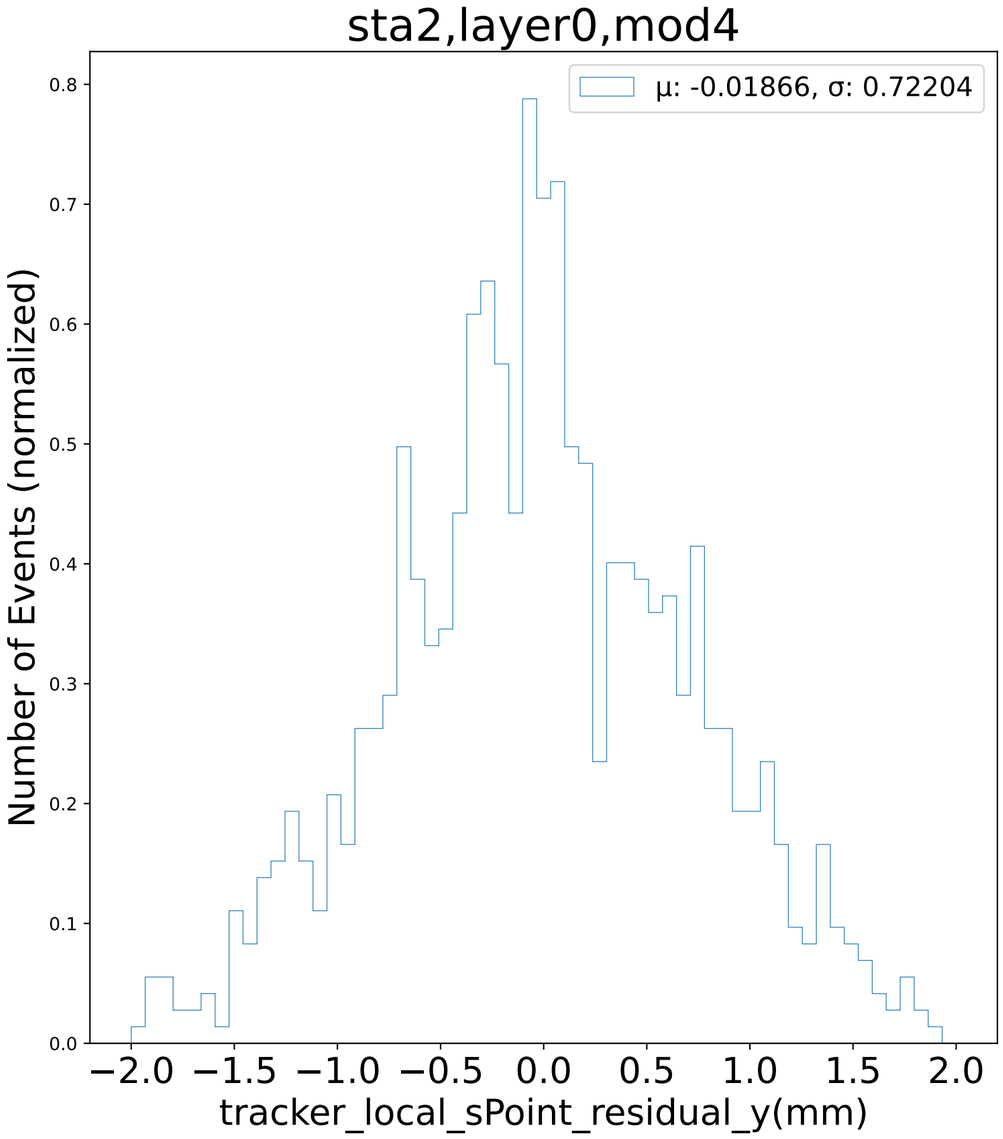

sta2,layer0,mod2
μ: -0.00063, σ: 0.0327
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

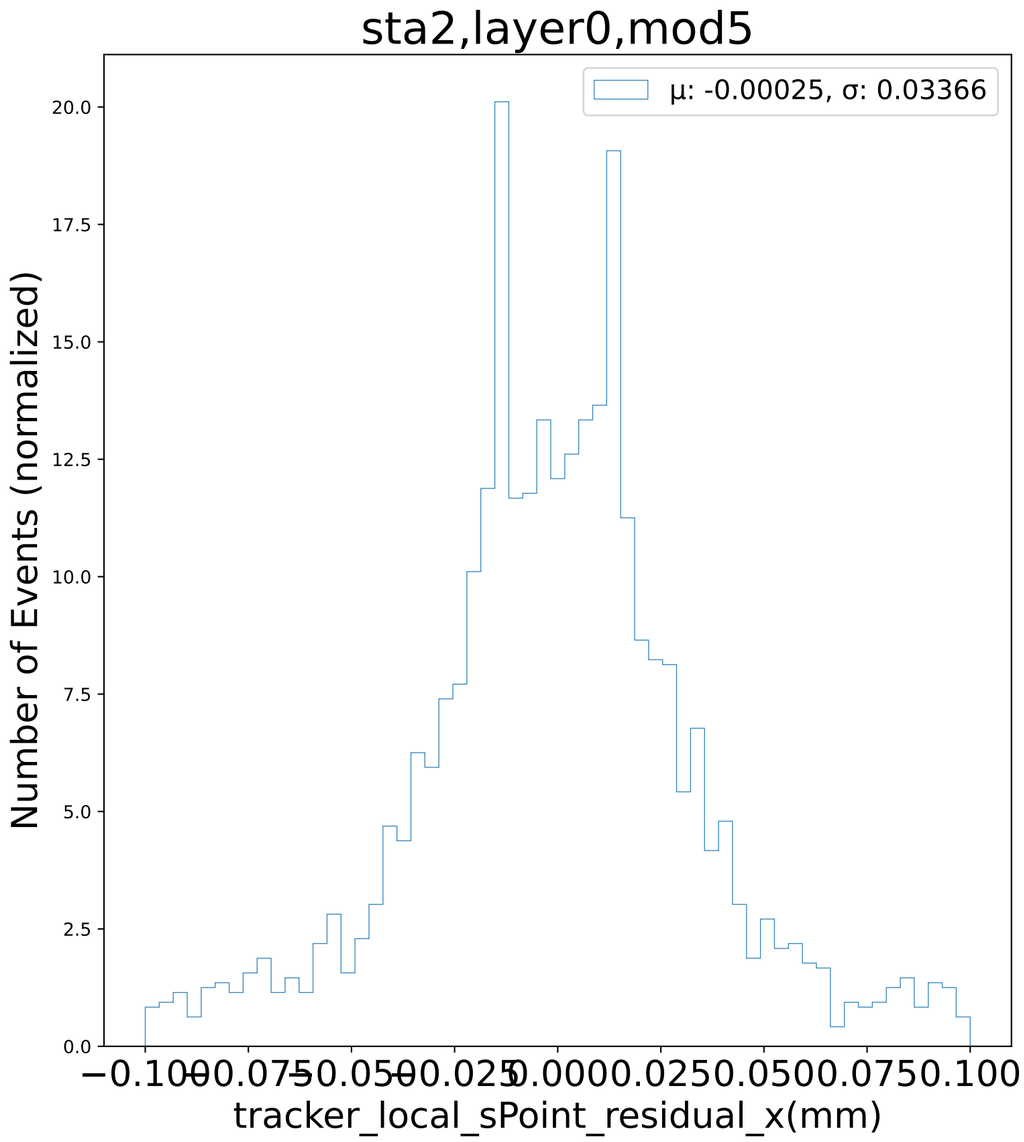

sta2,layer0,mod2
μ: 0.00757, σ: 0.74032
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

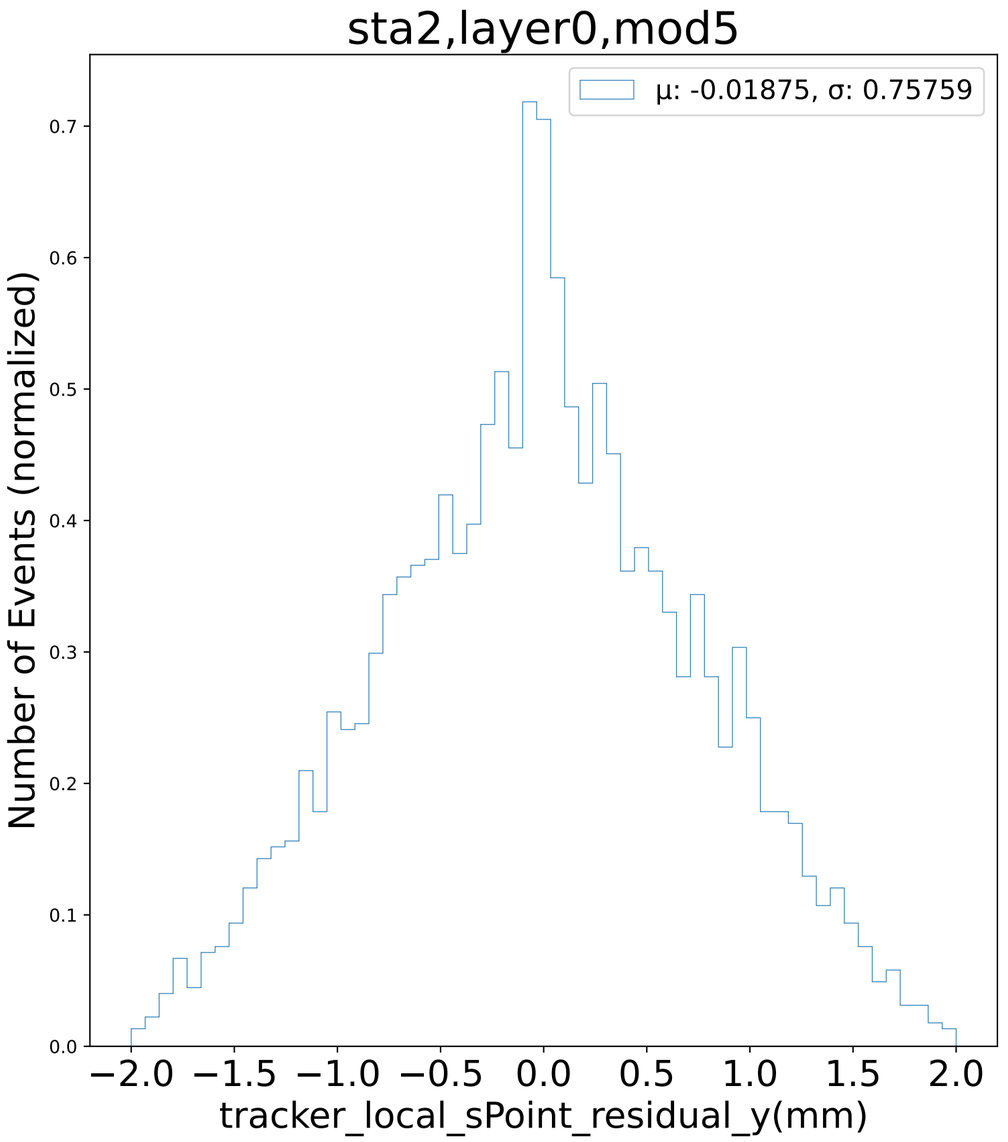

sta2,layer0,mod3
μ: -0.00127, σ: 0.03234
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

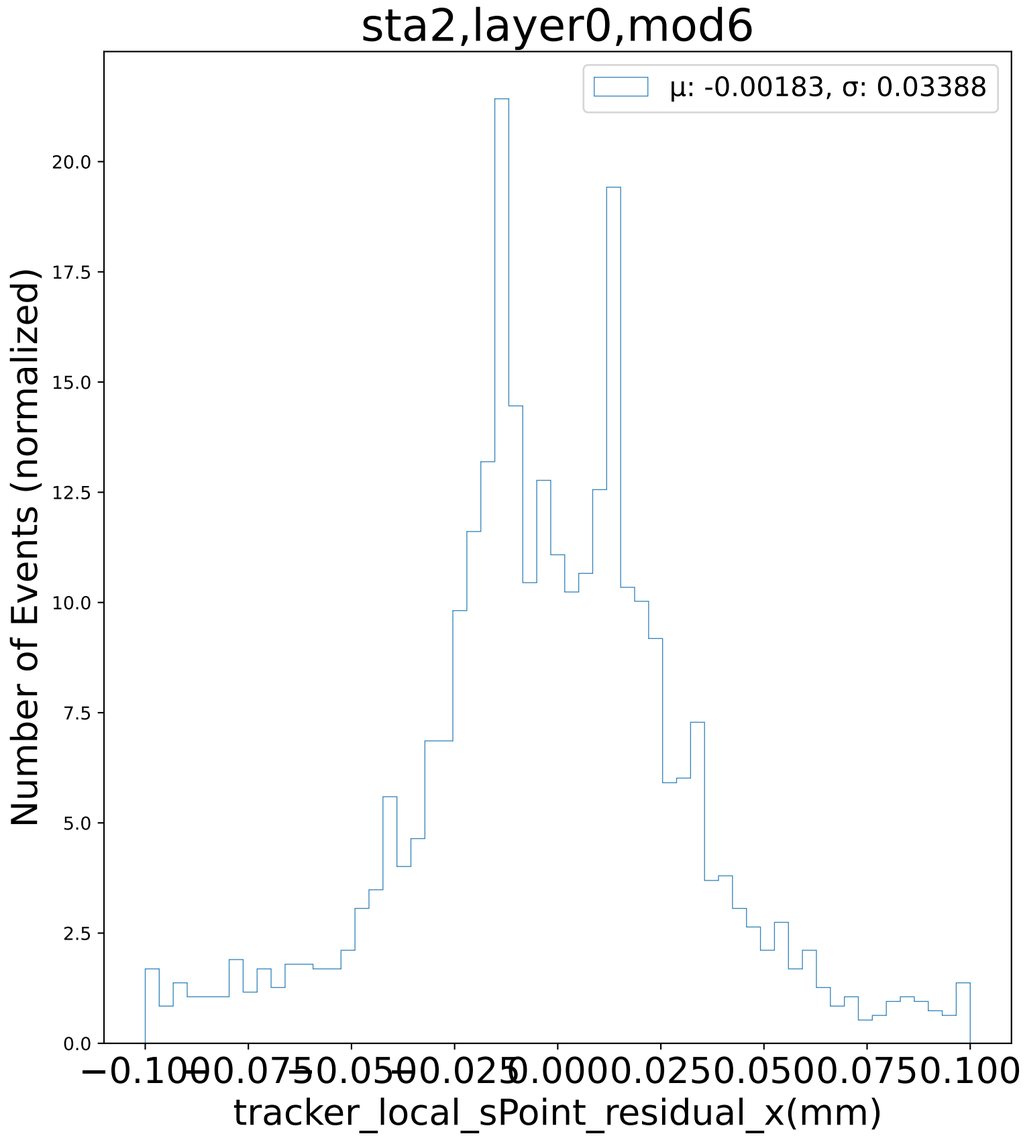

sta2,layer0,mod3
μ: -0.00567, σ: 0.722
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

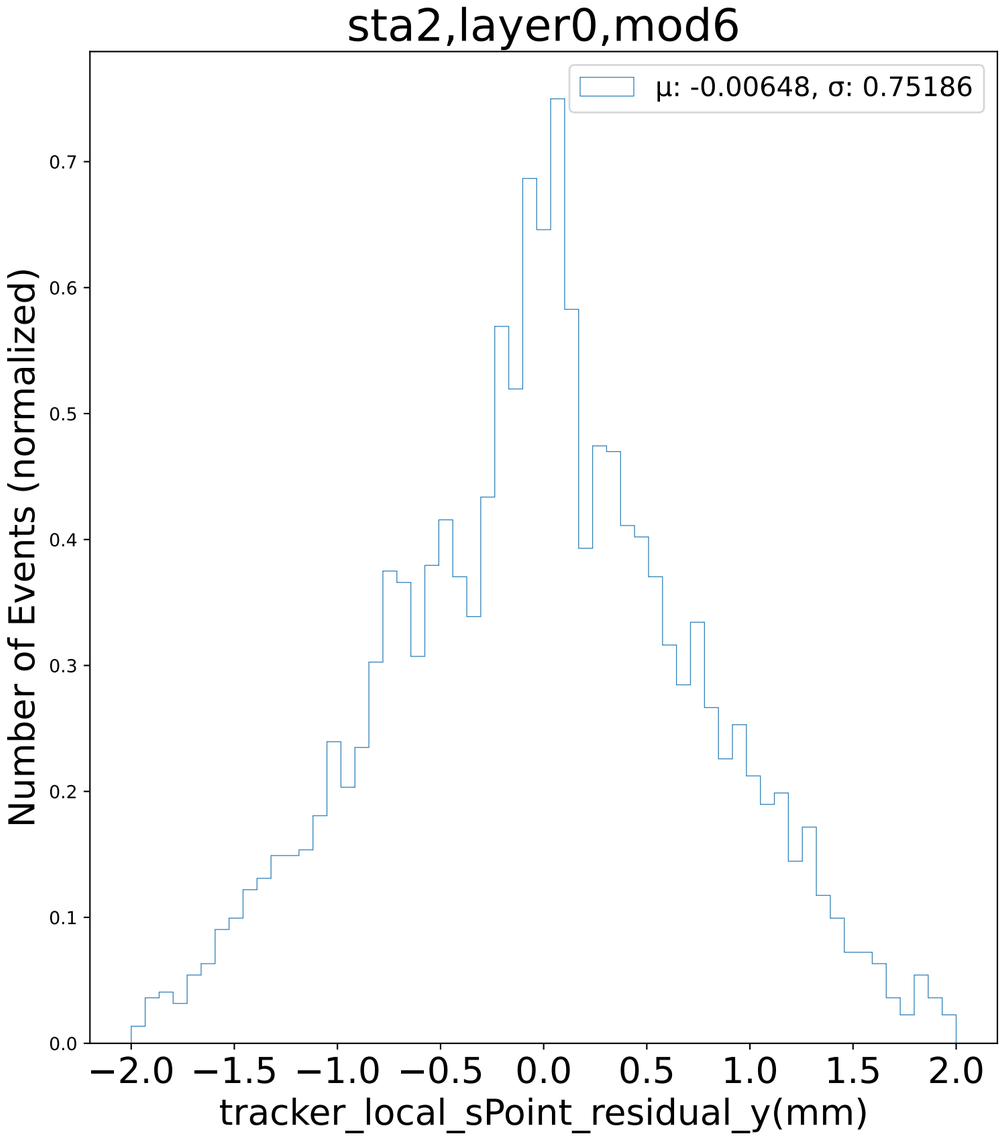

sta2,layer0,mod4
μ: -0.00159, σ: 0.03247
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

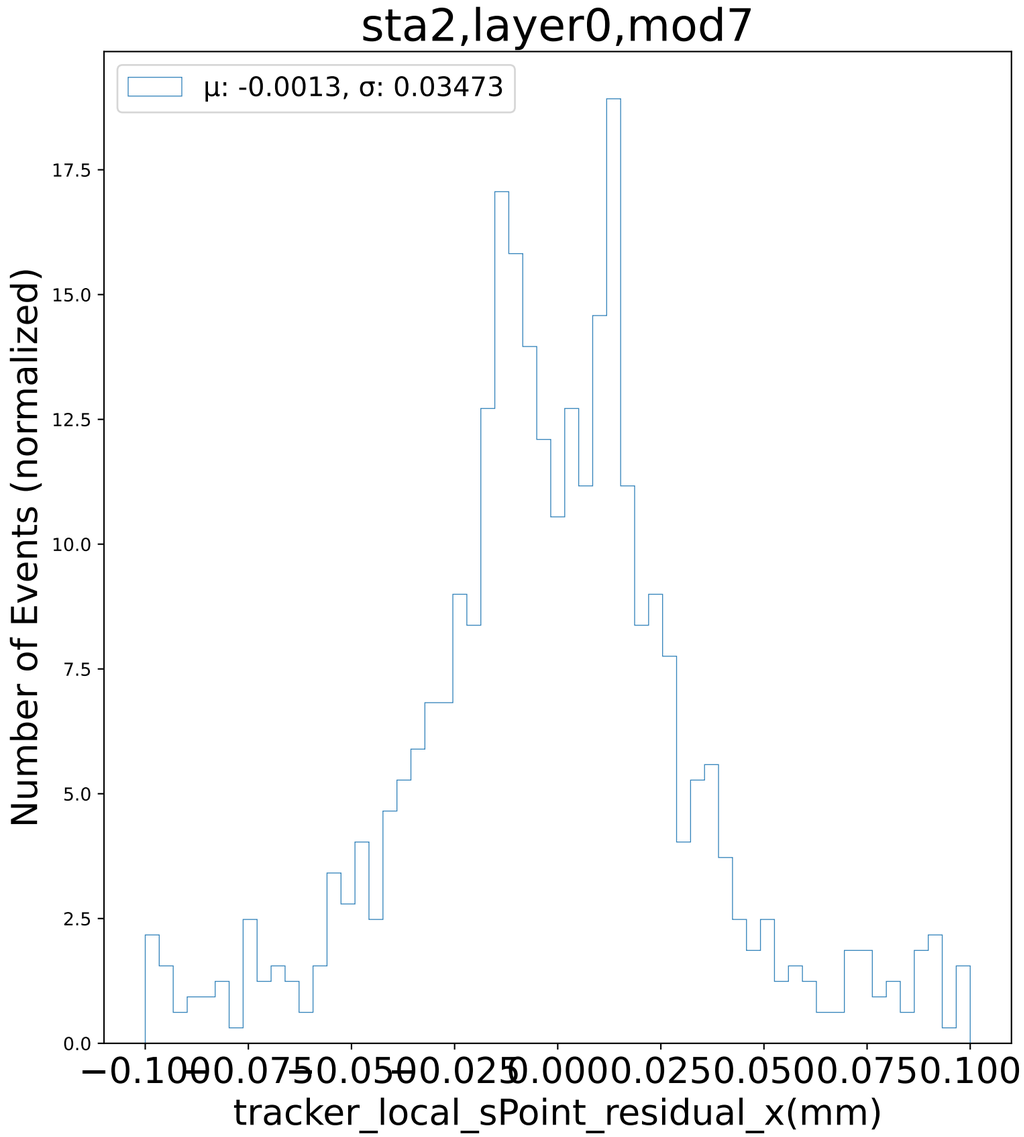

sta2,layer0,mod4
μ: -0.01866, σ: 0.72204
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

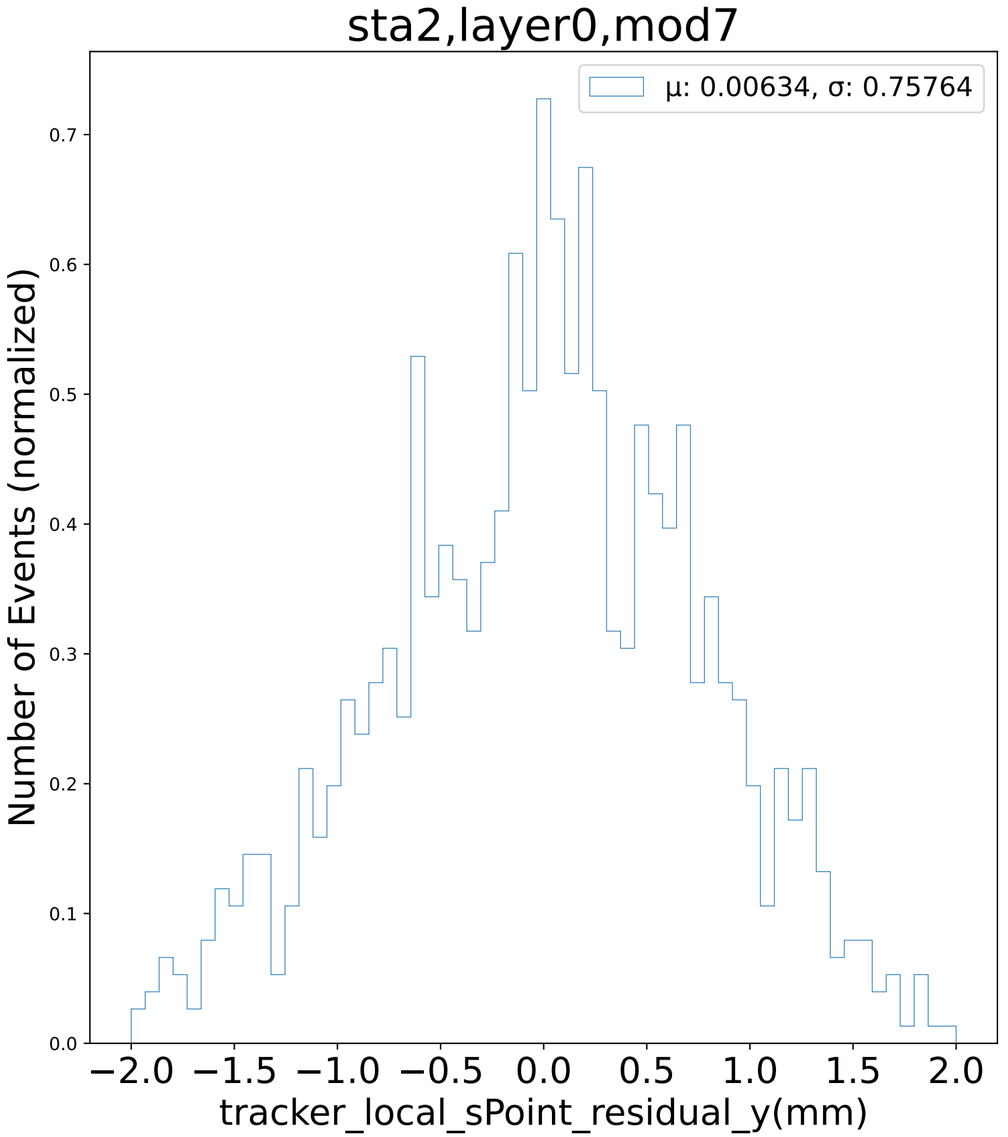

sta2,layer0,mod5
μ: -0.00025, σ: 0.03366
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

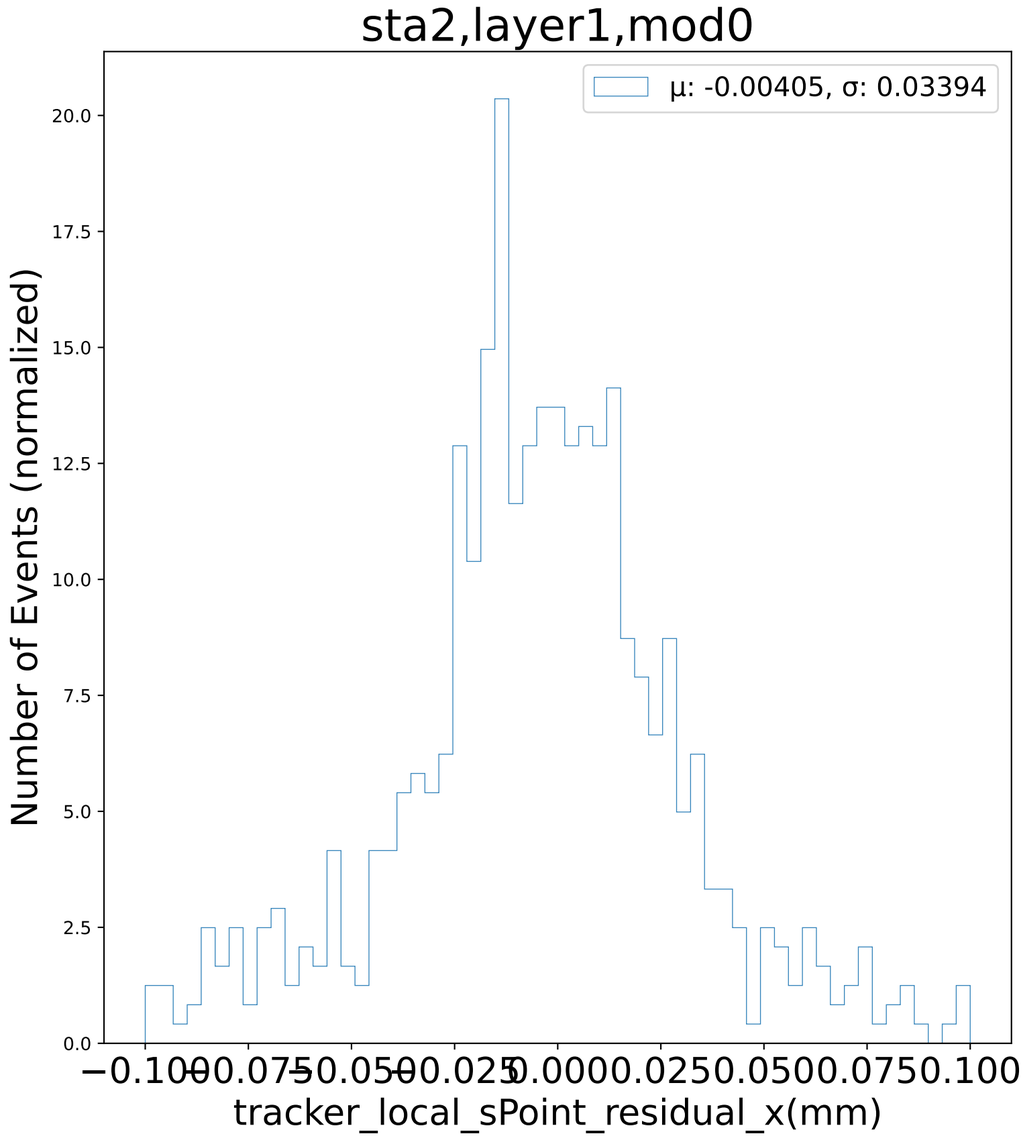

sta2,layer0,mod5
μ: -0.01875, σ: 0.75759
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

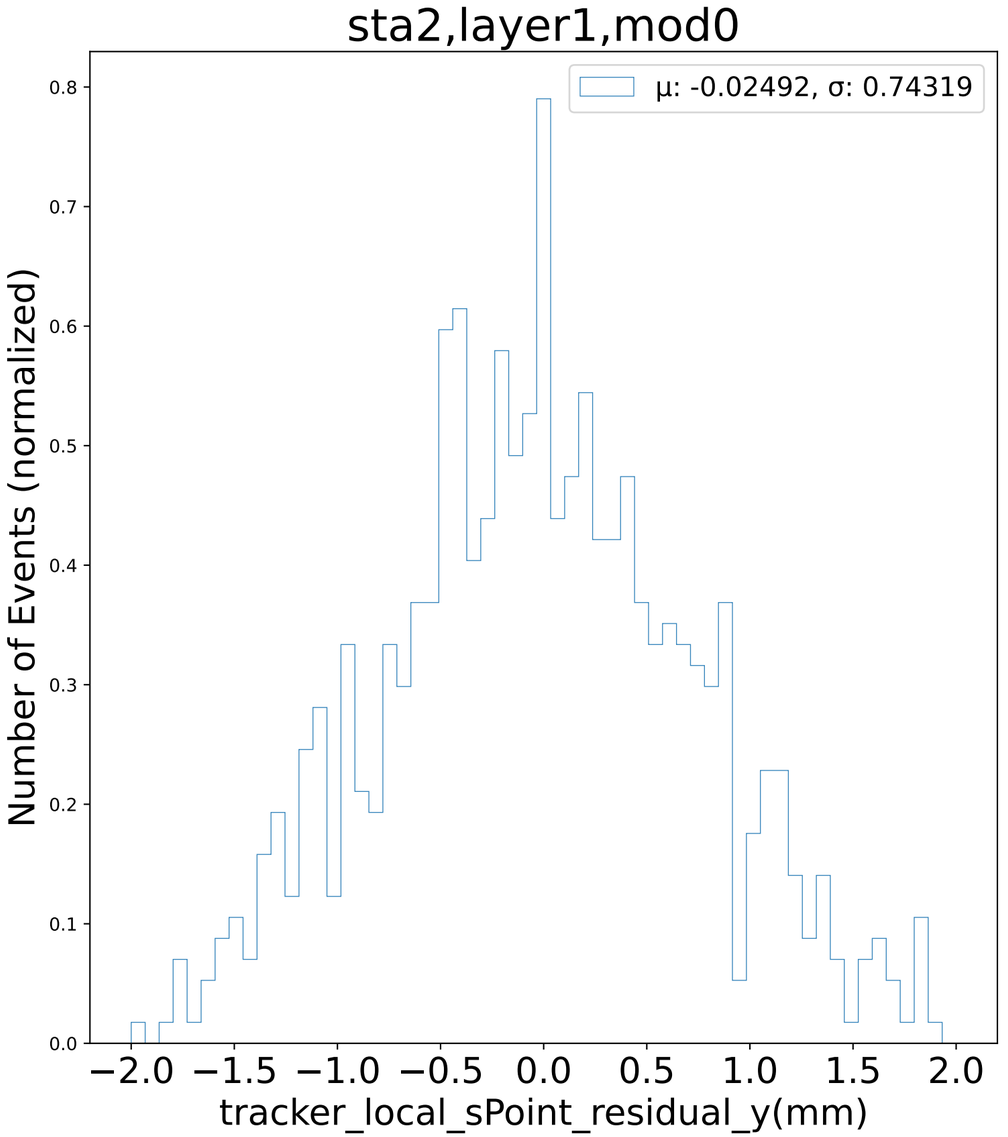

sta2,layer0,mod6
μ: -0.00183, σ: 0.03388
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

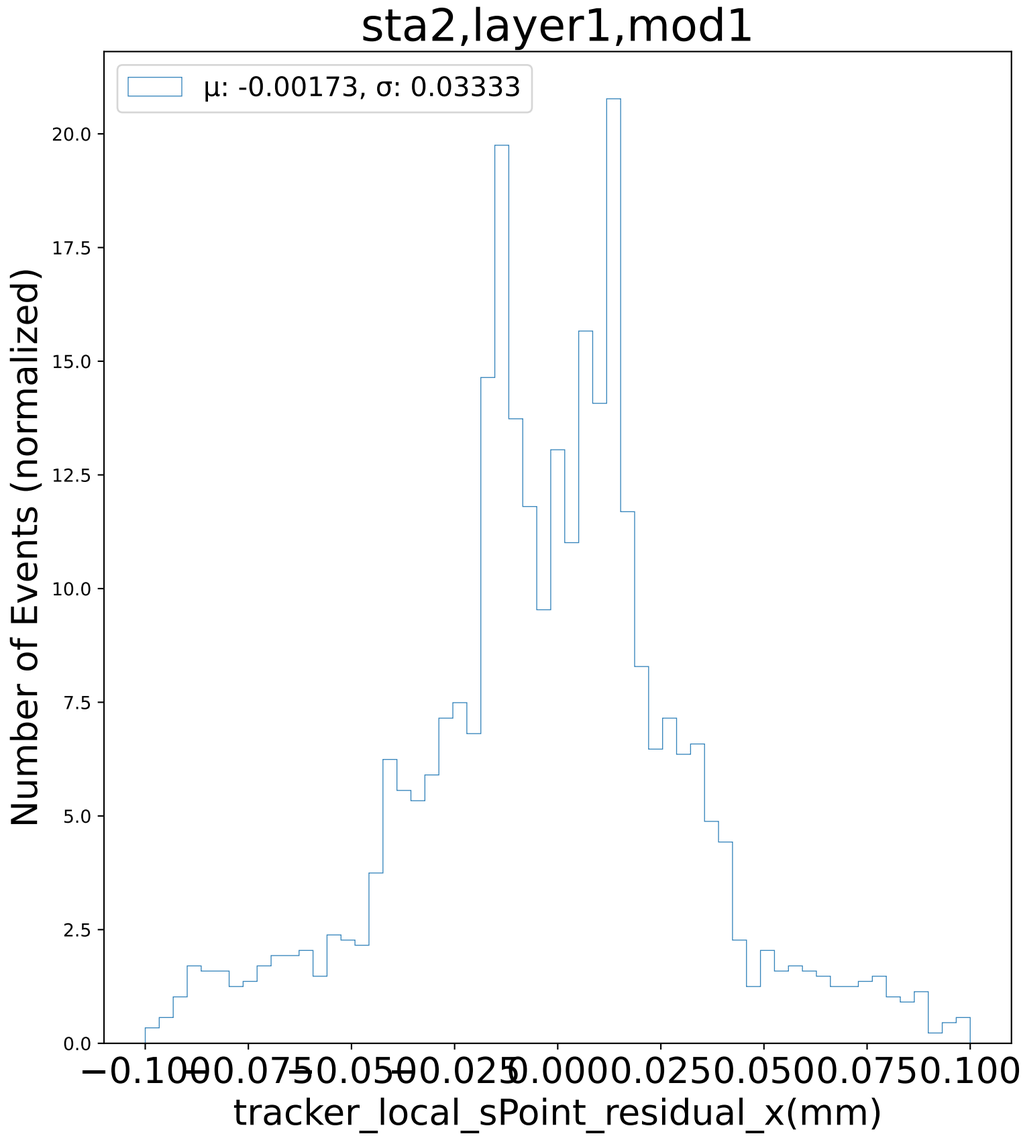

sta2,layer0,mod6
μ: -0.00648, σ: 0.75186
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

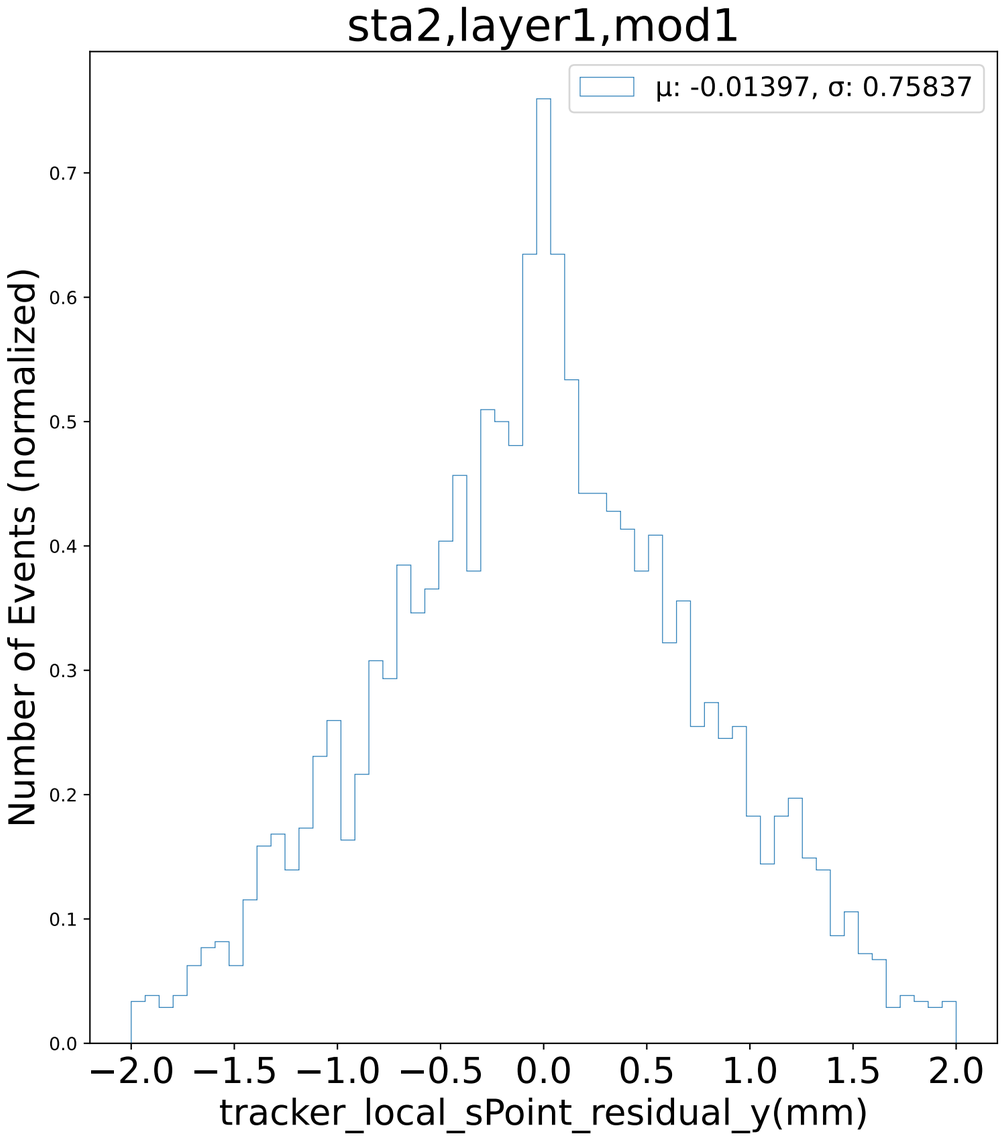

sta2,layer0,mod7
μ: -0.0013, σ: 0.03473
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

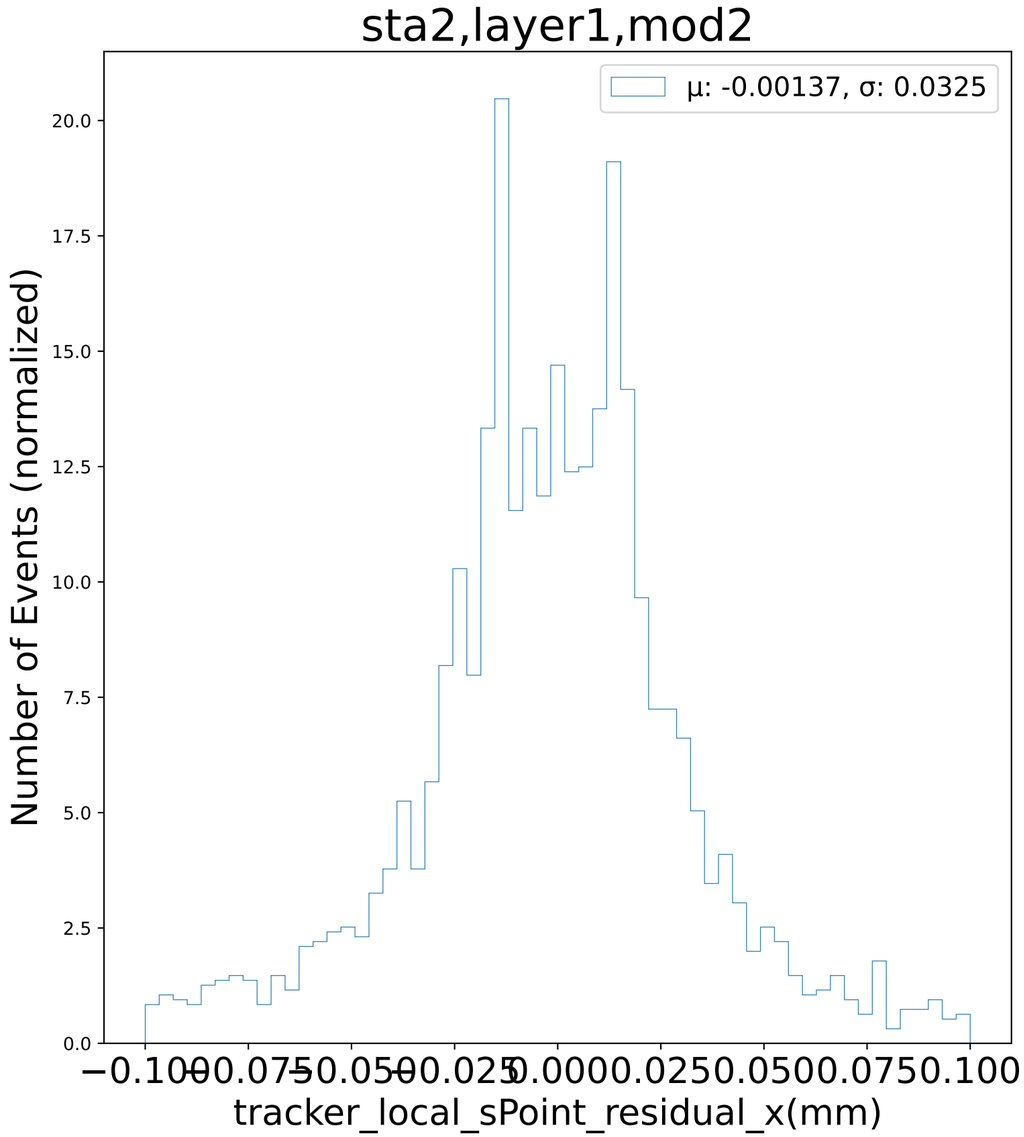

sta2,layer0,mod7
μ: 0.00634, σ: 0.75764
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

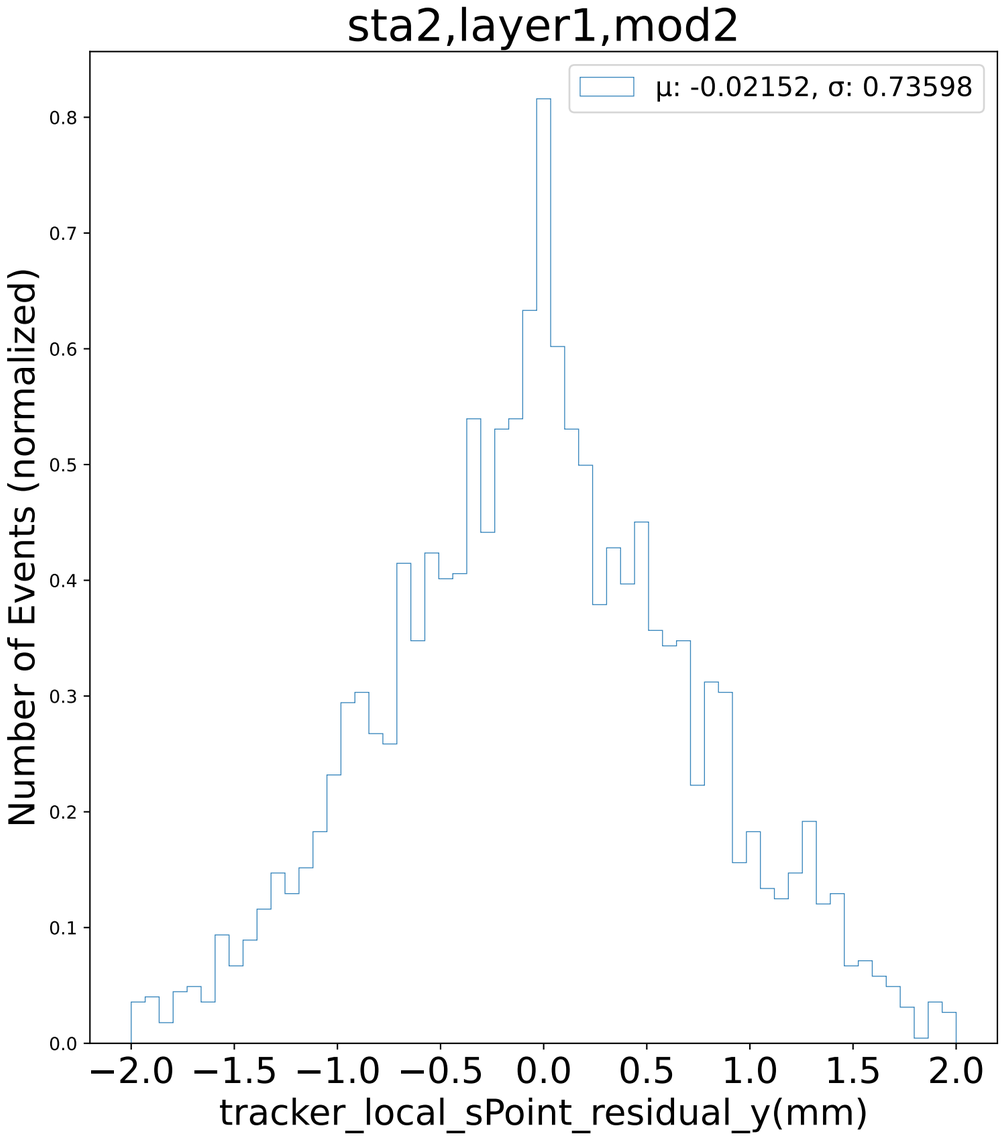

sta2,layer1,mod0
μ: -0.00405, σ: 0.03394
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

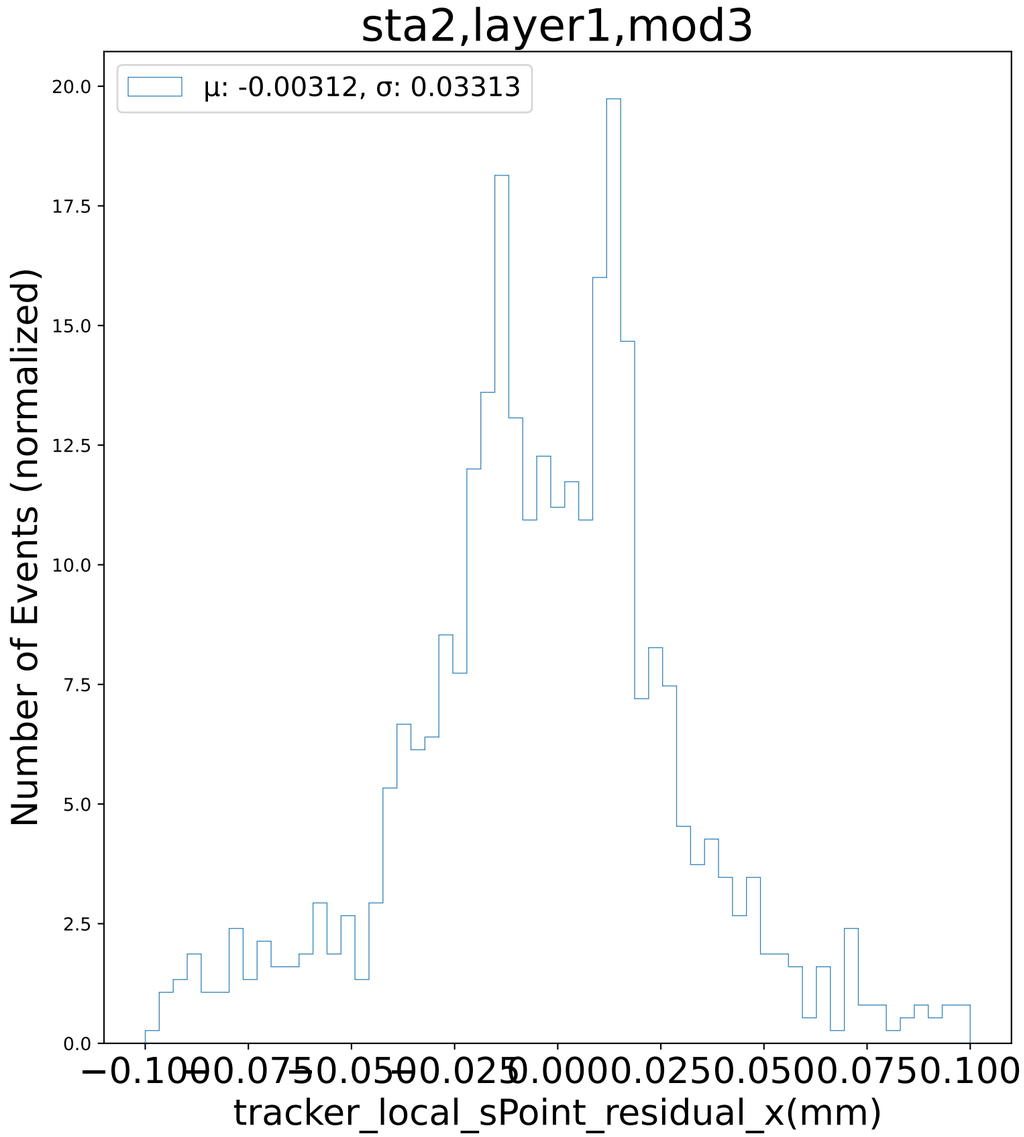

sta2,layer1,mod0
μ: -0.02492, σ: 0.74319
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

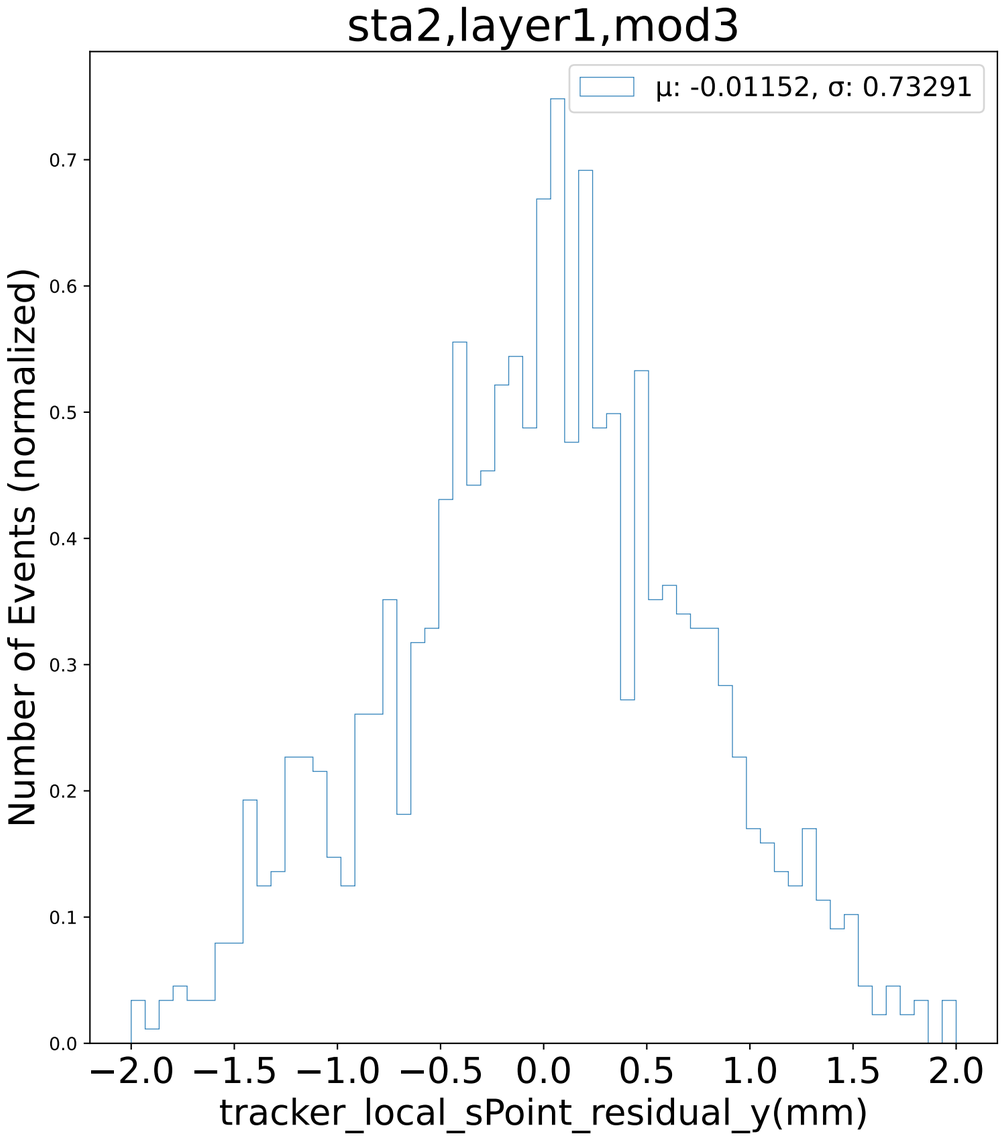

sta2,layer1,mod1
μ: -0.00173, σ: 0.03333
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

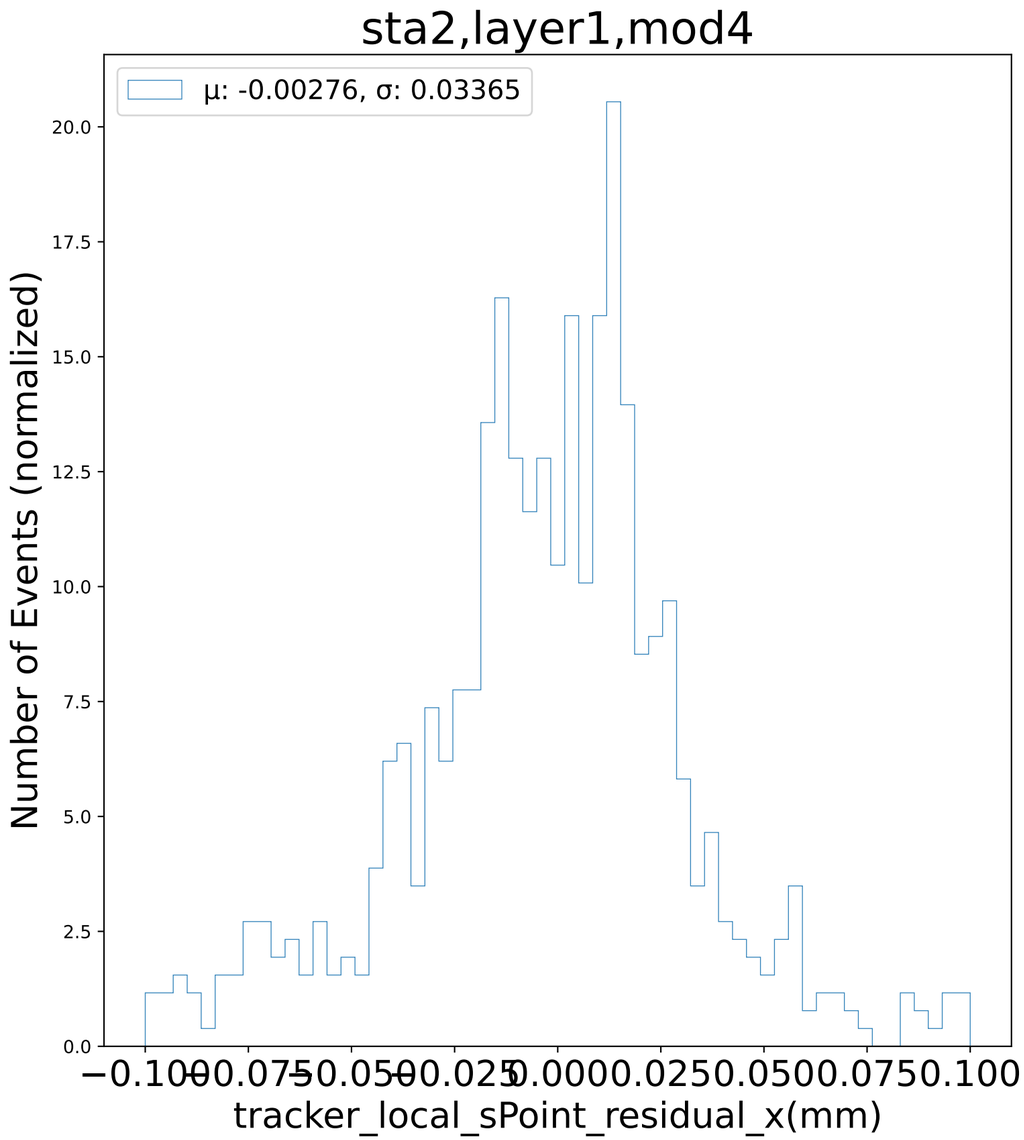

sta2,layer1,mod1
μ: -0.01397, σ: 0.75837
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

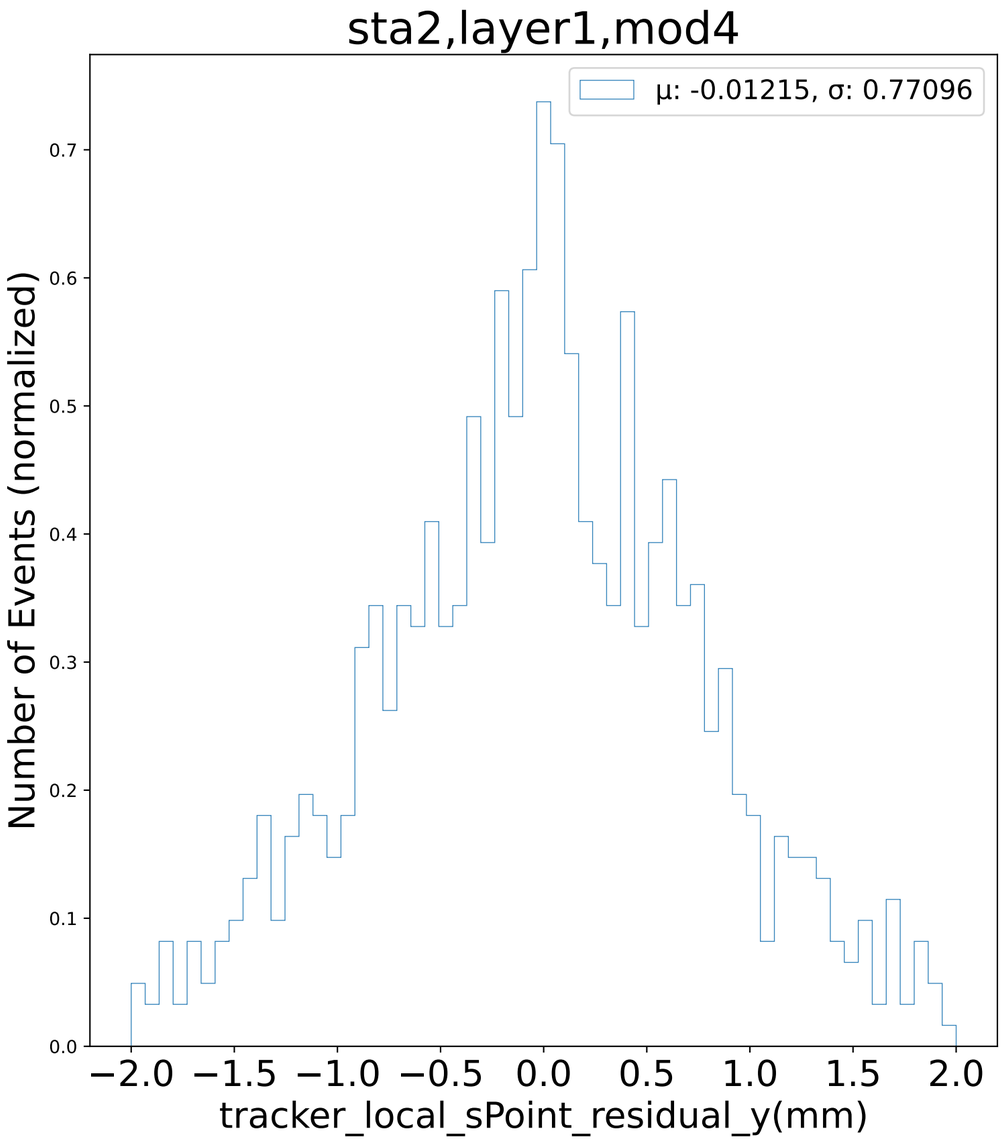

sta2,layer1,mod2
μ: -0.00137, σ: 0.0325
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

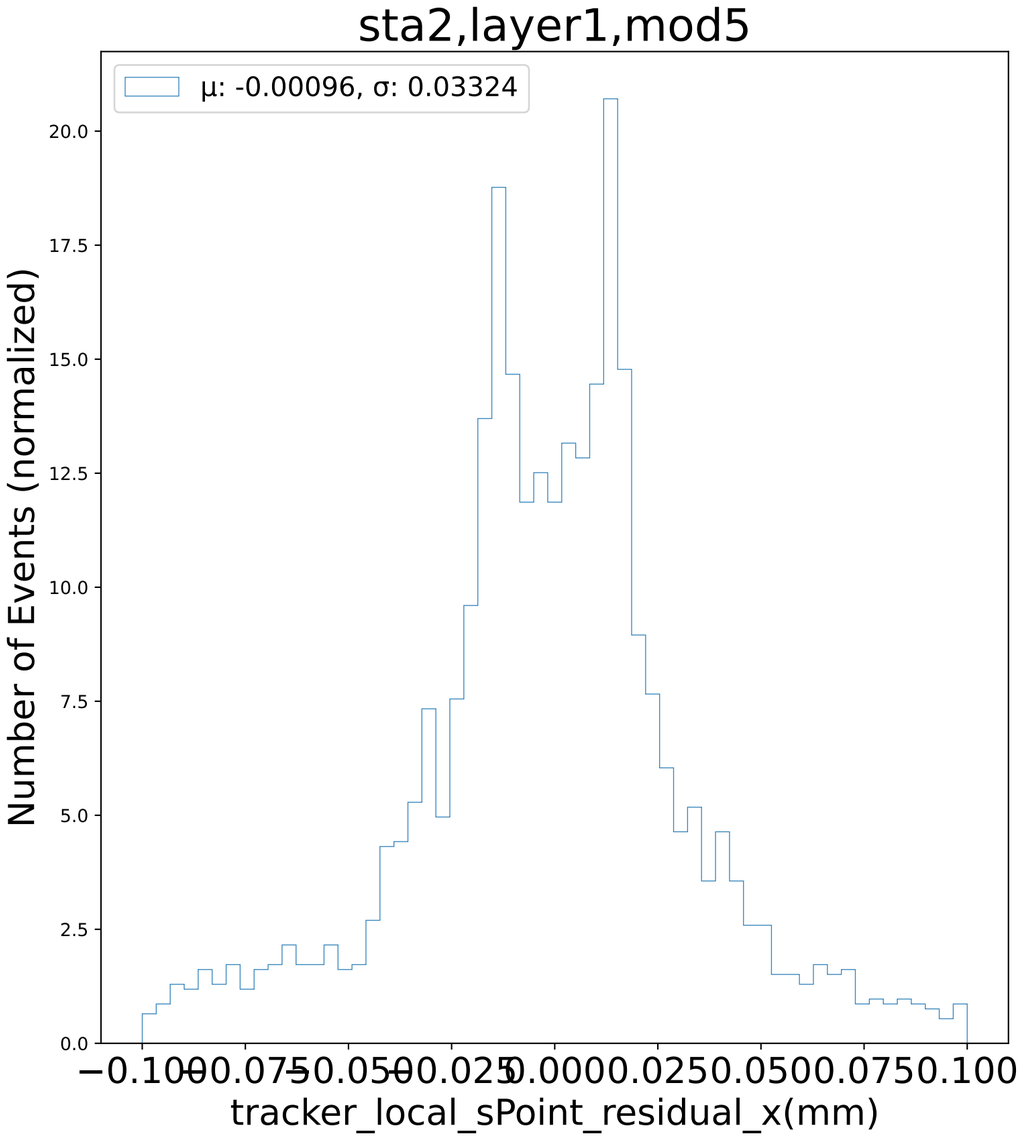

sta2,layer1,mod2
μ: -0.02152, σ: 0.73598
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

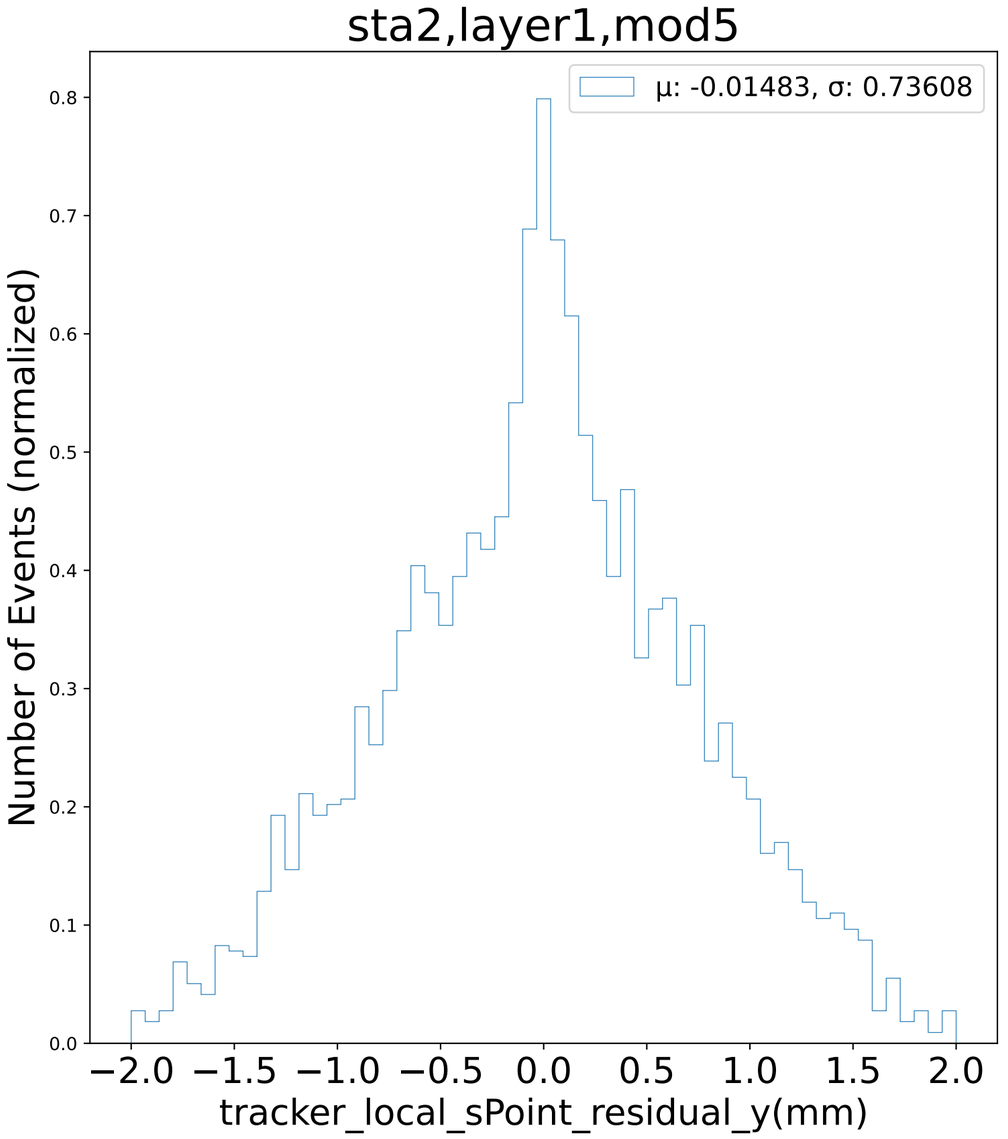

sta2,layer1,mod3
μ: -0.00312, σ: 0.03313
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

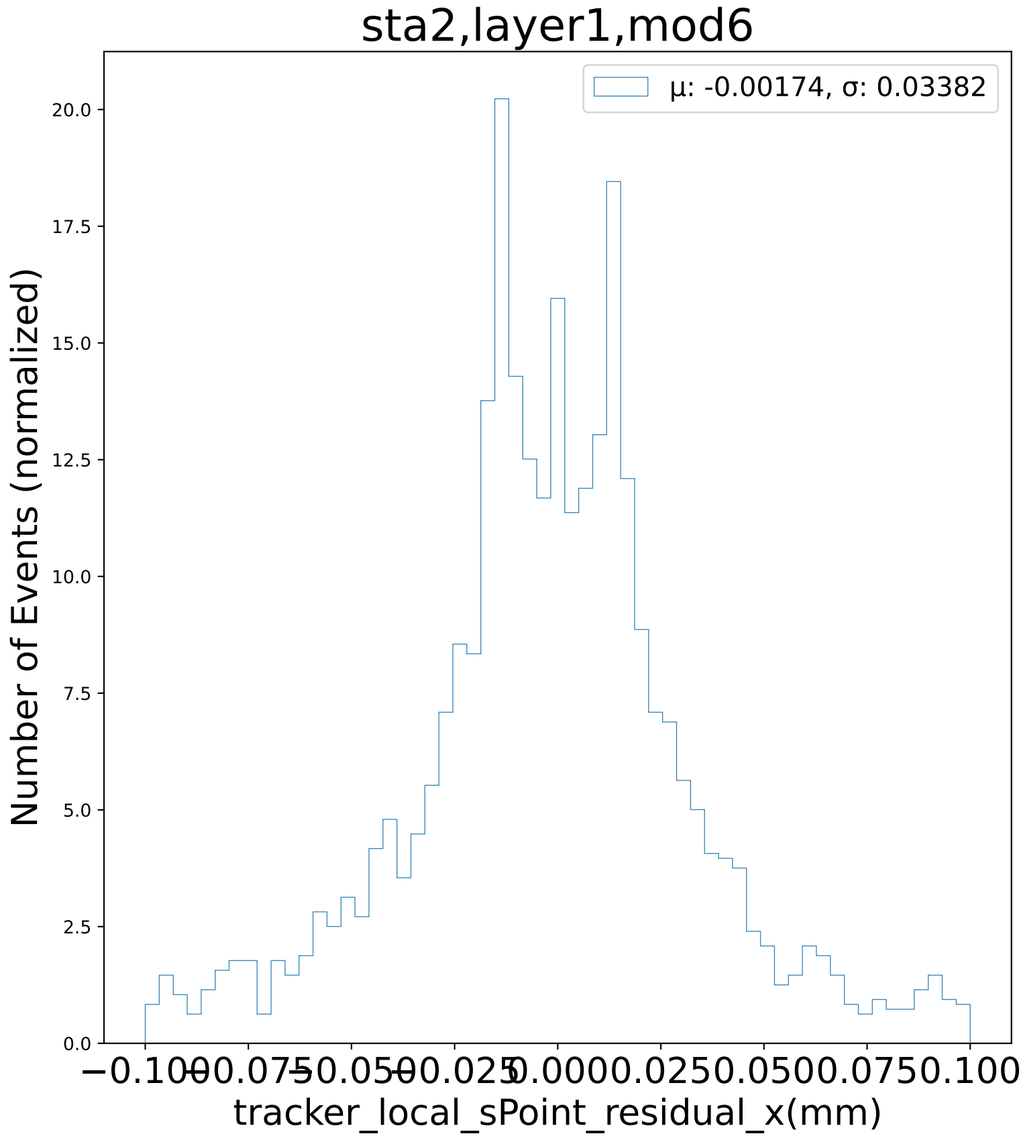

sta2,layer1,mod3
μ: -0.01152, σ: 0.73291
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

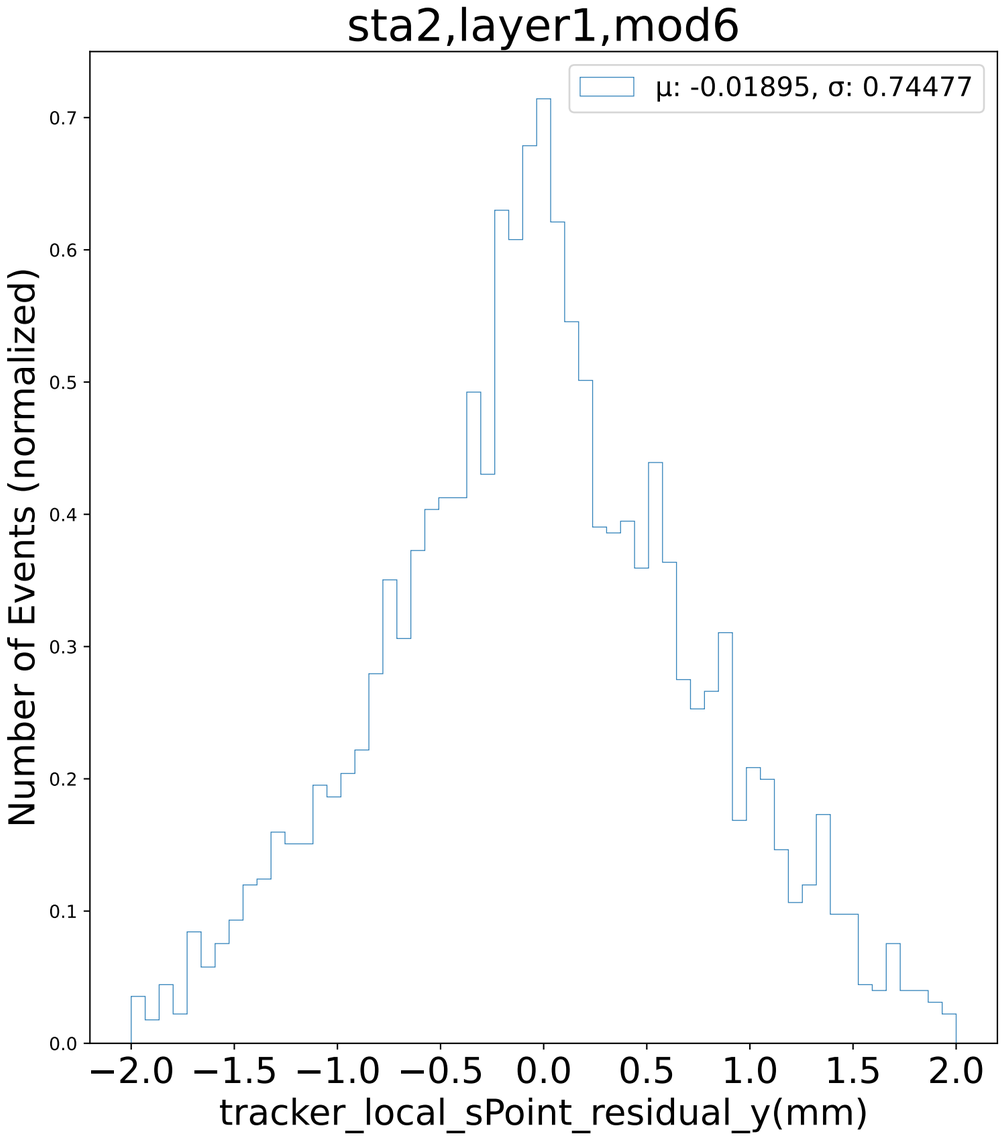

sta2,layer1,mod4
μ: -0.00276, σ: 0.03365
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

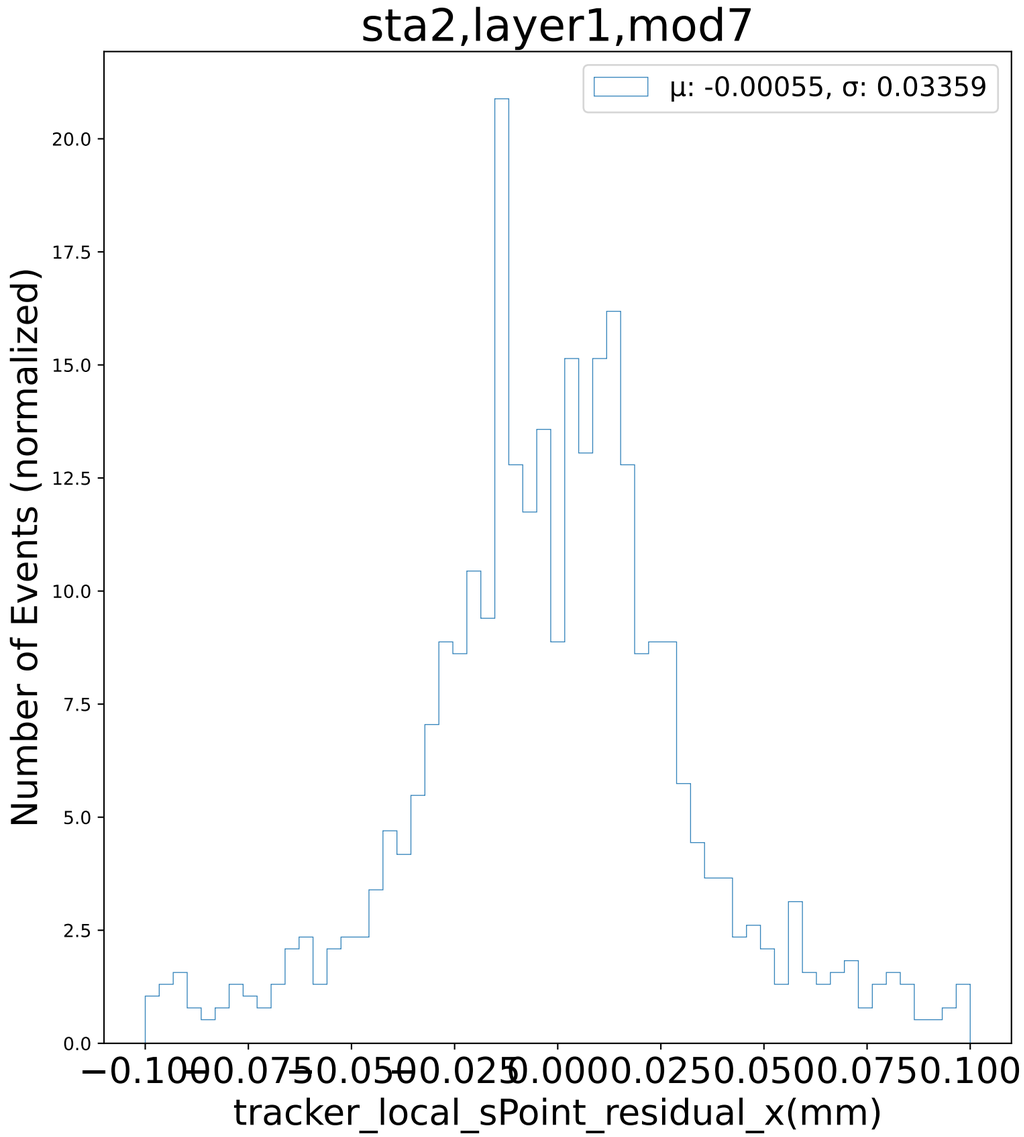

sta2,layer1,mod4
μ: -0.01215, σ: 0.77096
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

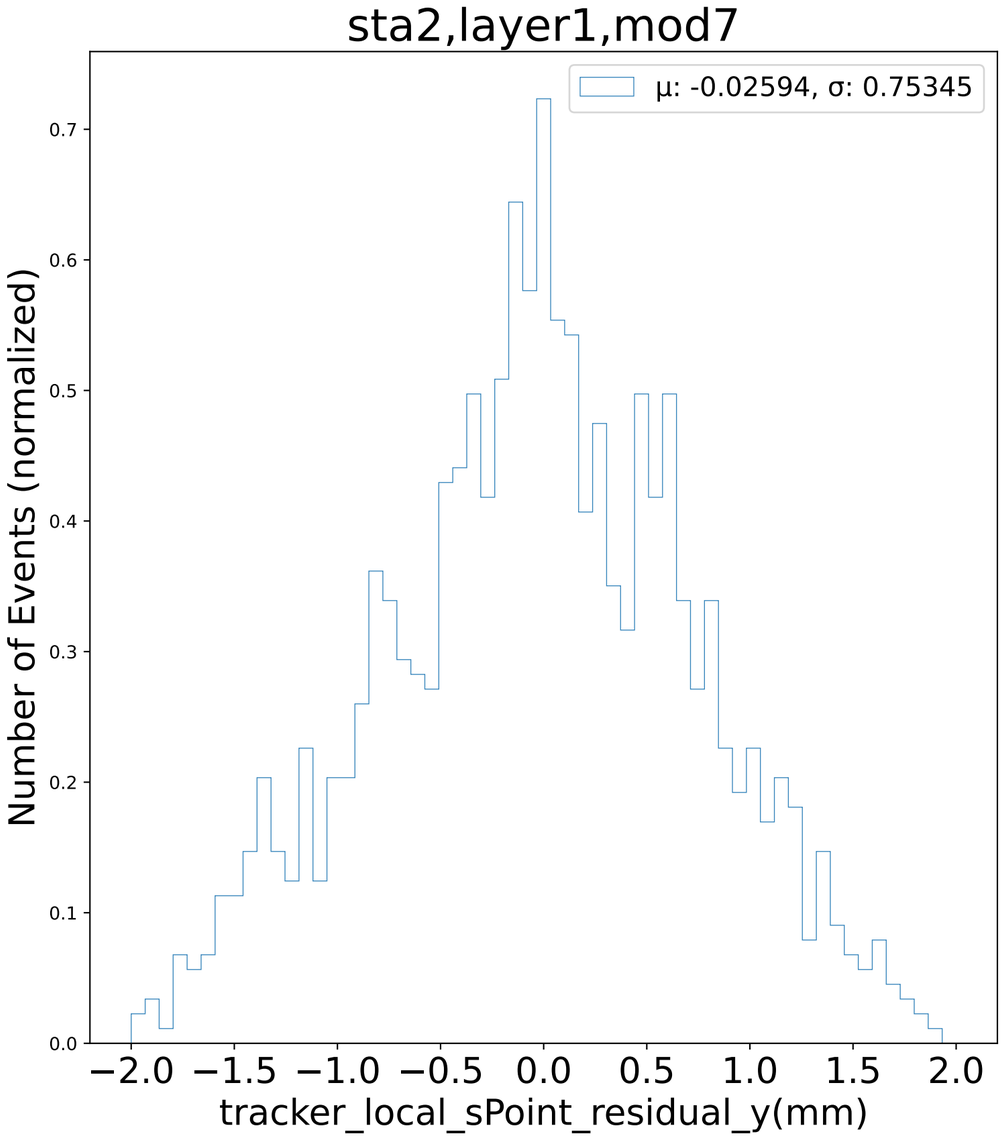

sta2,layer1,mod5
μ: -0.00096, σ: 0.03324
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

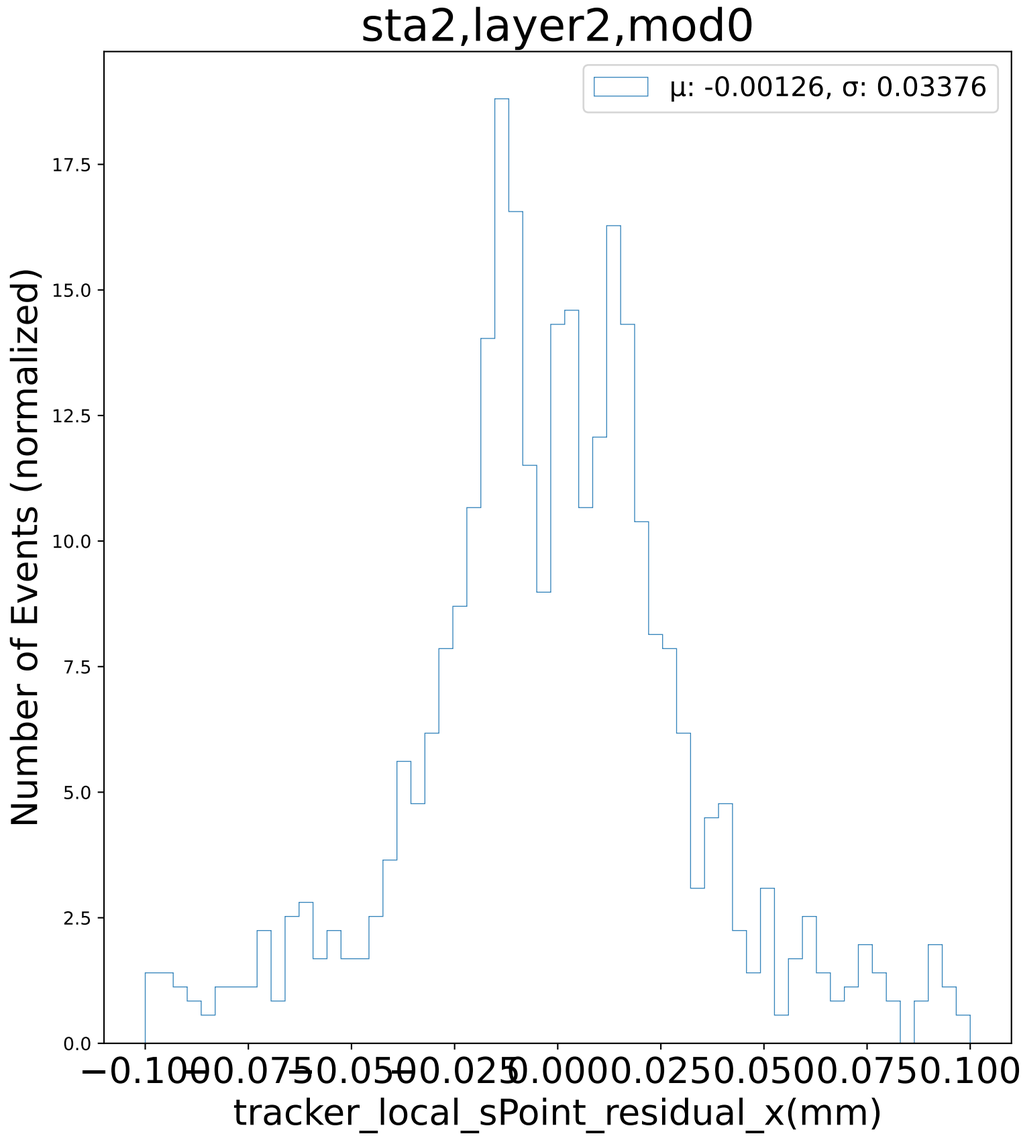

sta2,layer1,mod5
μ: -0.01483, σ: 0.73608
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

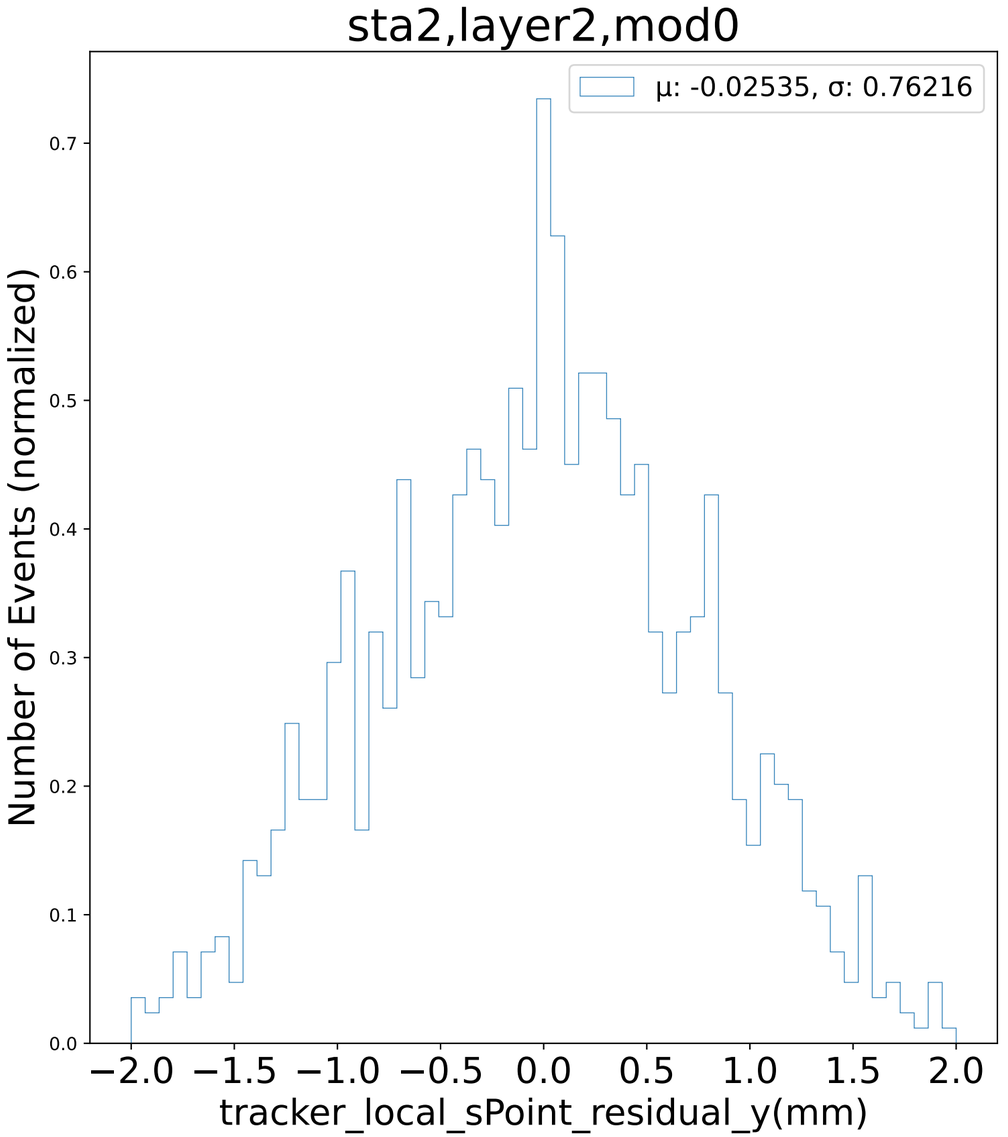

sta2,layer1,mod6
μ: -0.00174, σ: 0.03382
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

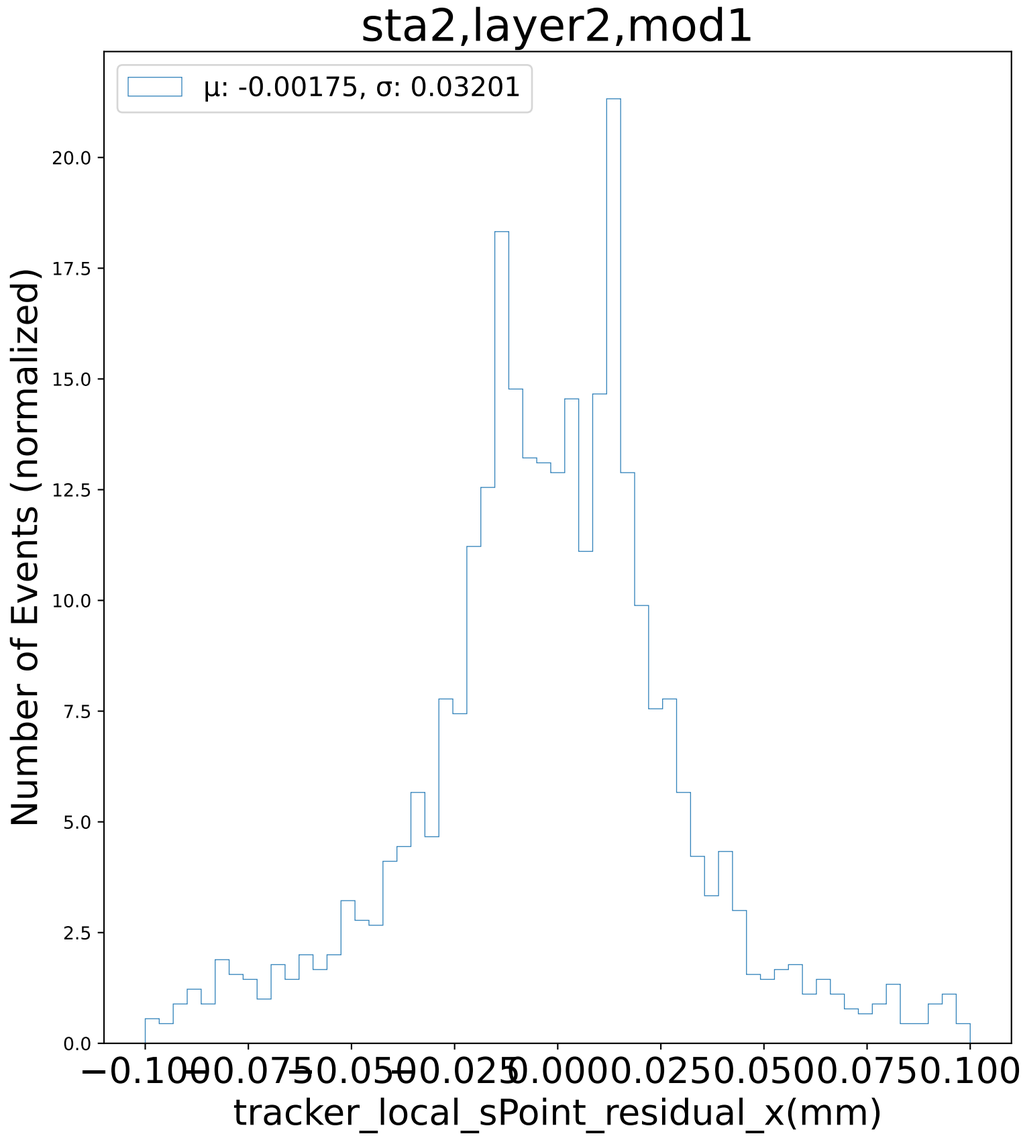

sta2,layer1,mod6
μ: -0.01895, σ: 0.74477
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

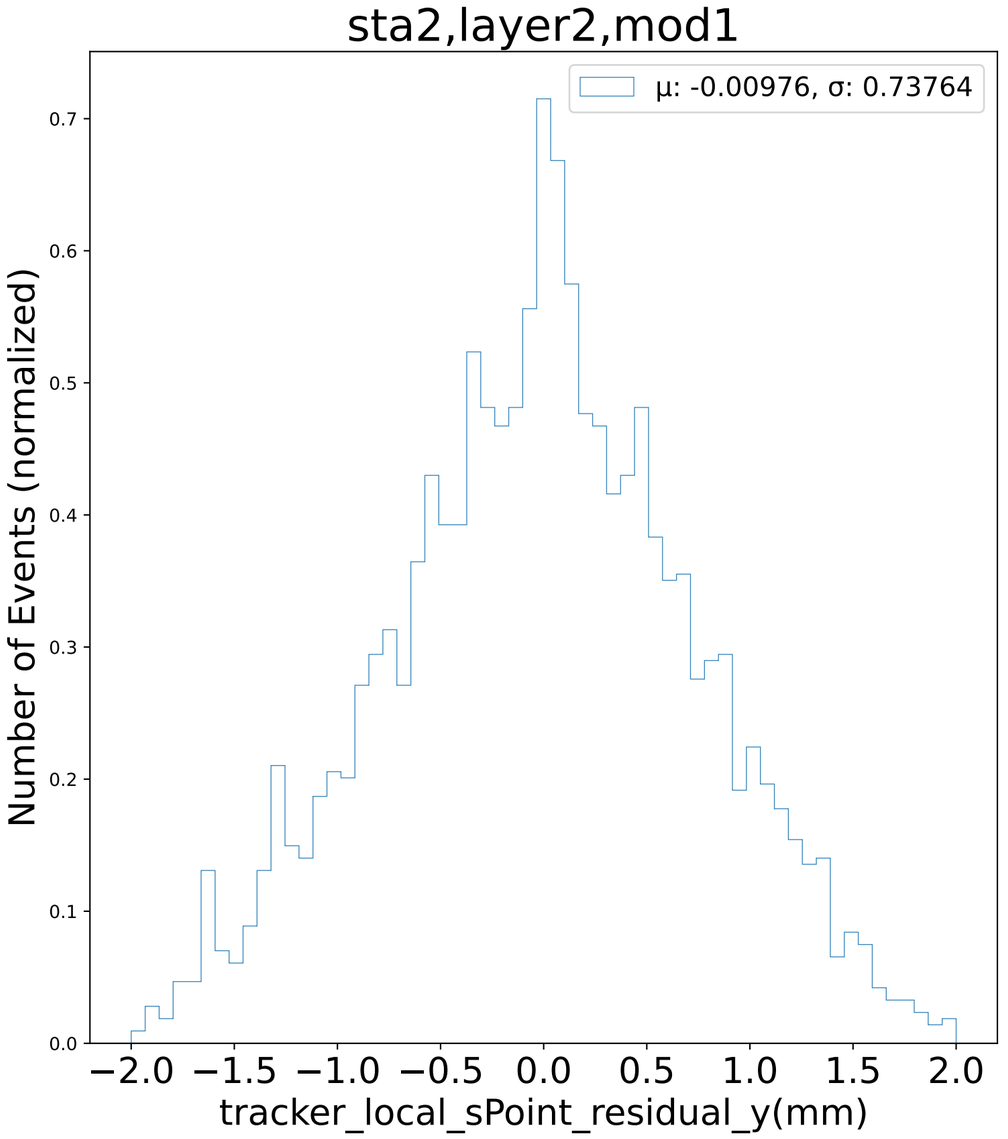

sta2,layer1,mod7
μ: -0.00055, σ: 0.03359
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

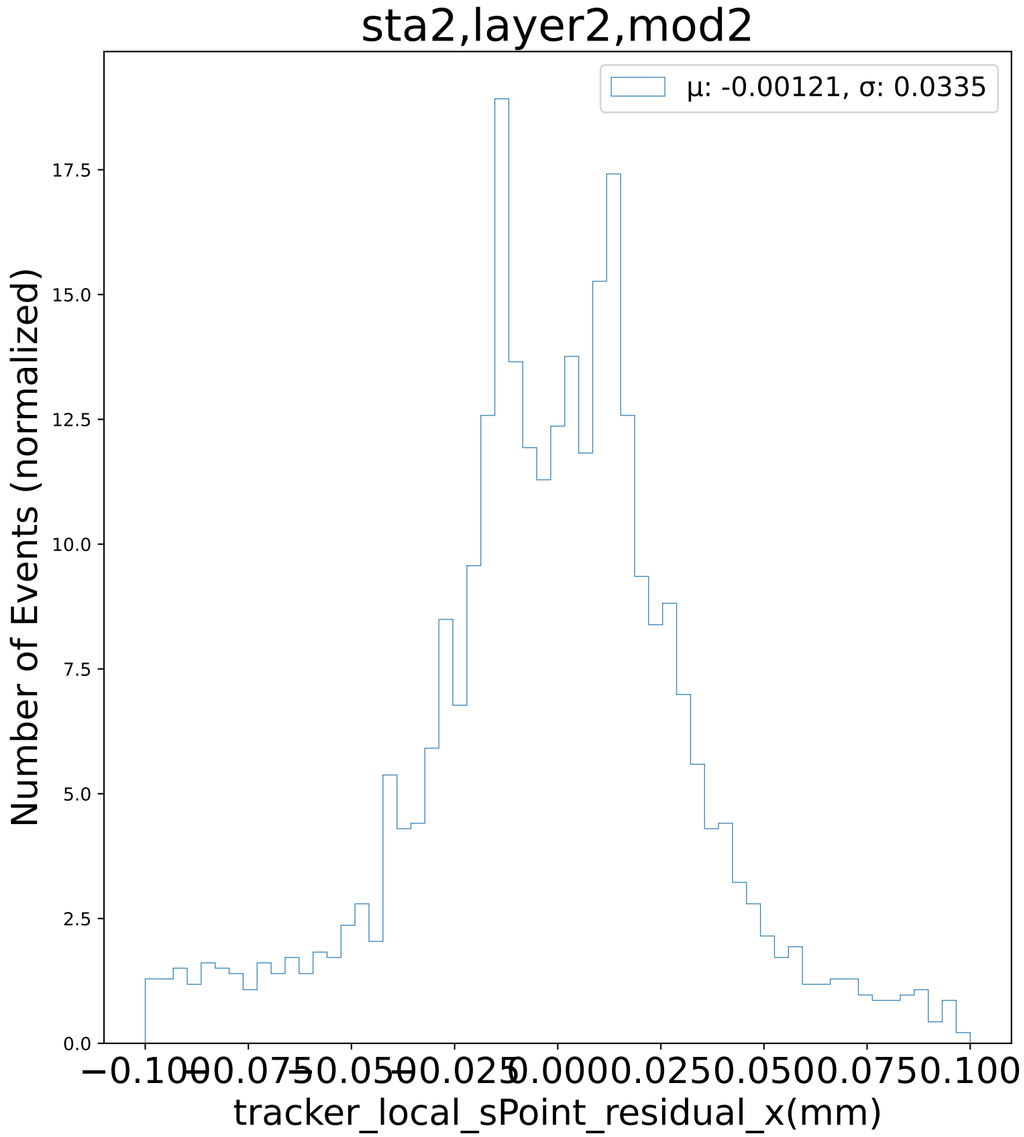

sta2,layer1,mod7
μ: -0.02594, σ: 0.75345
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

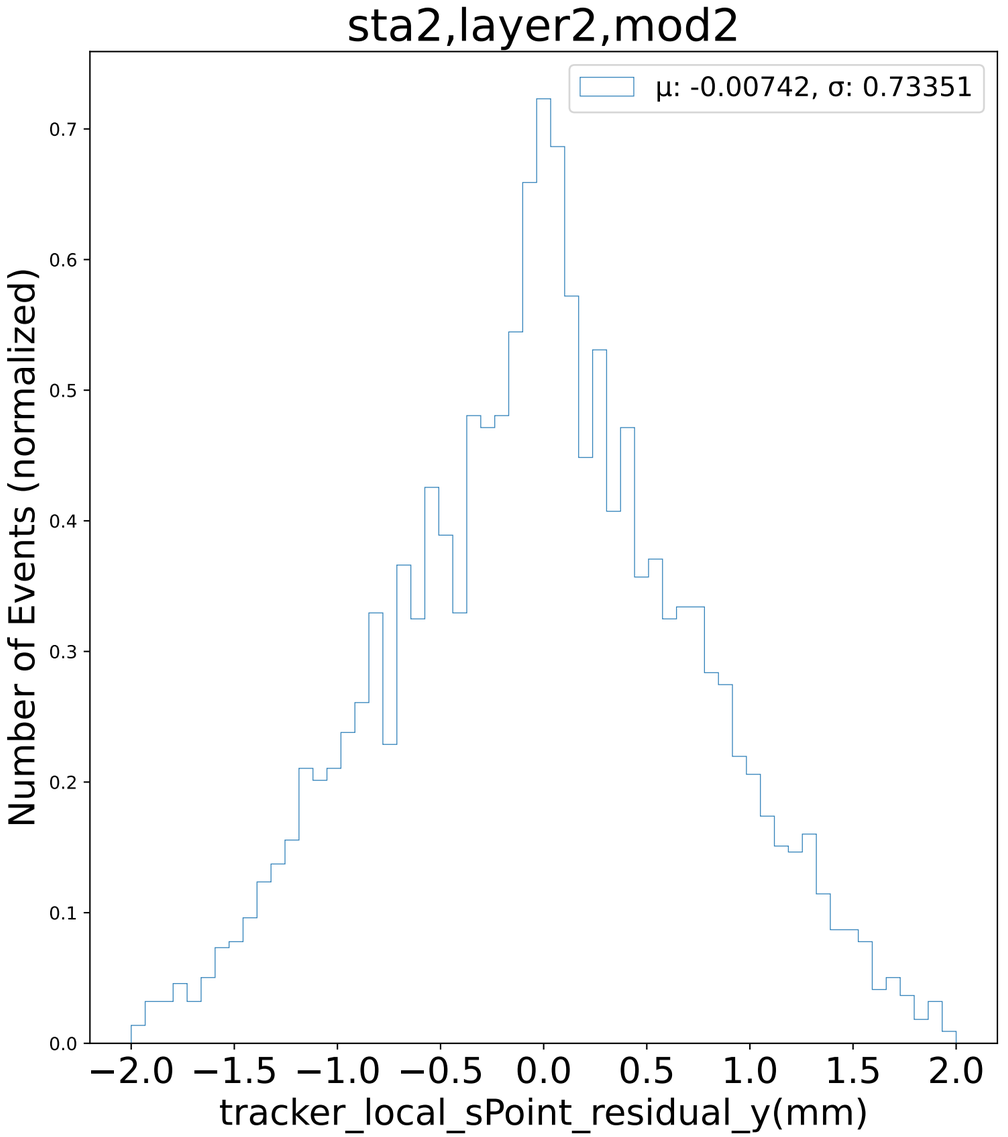

sta2,layer2,mod0
μ: -0.00126, σ: 0.03376
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

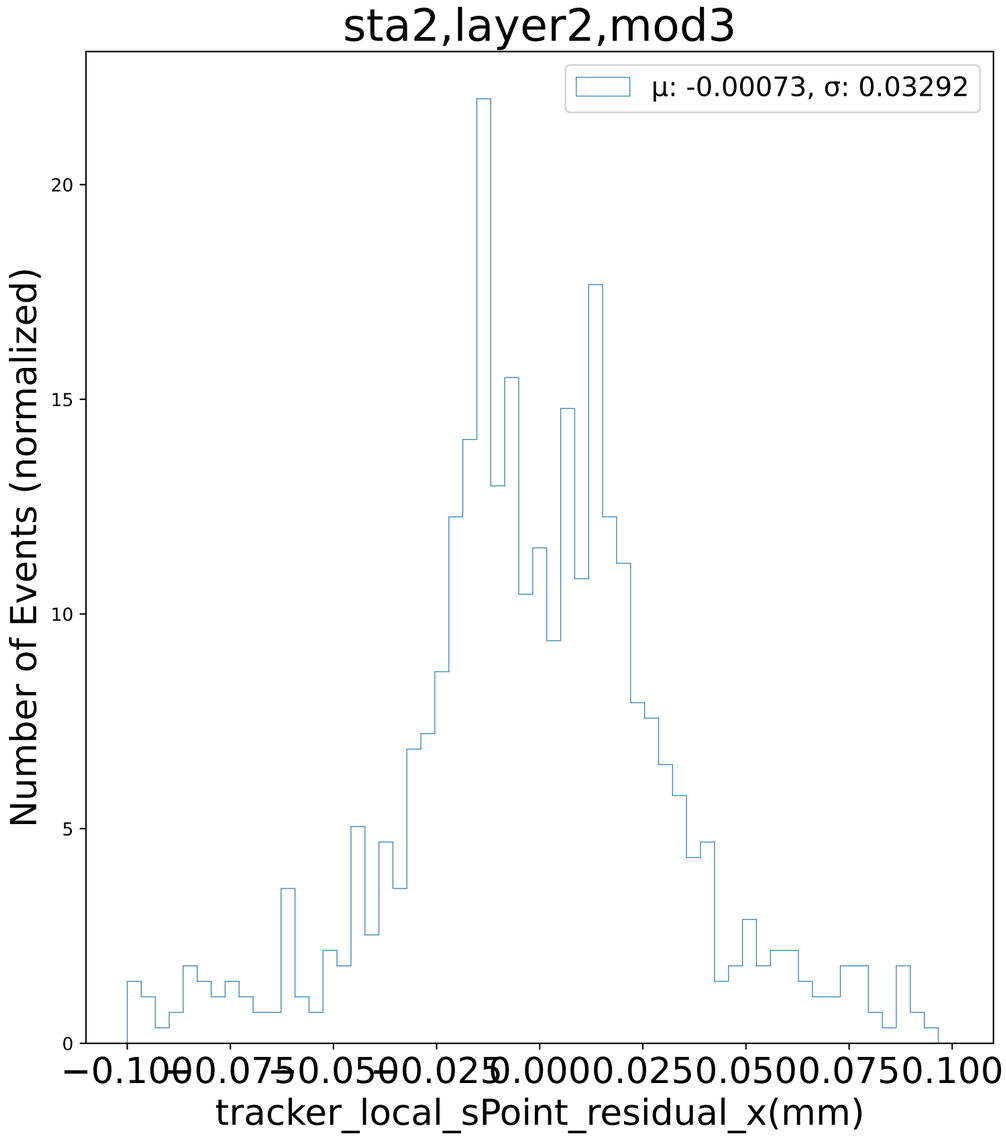

sta2,layer2,mod0
μ: -0.02535, σ: 0.76216
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

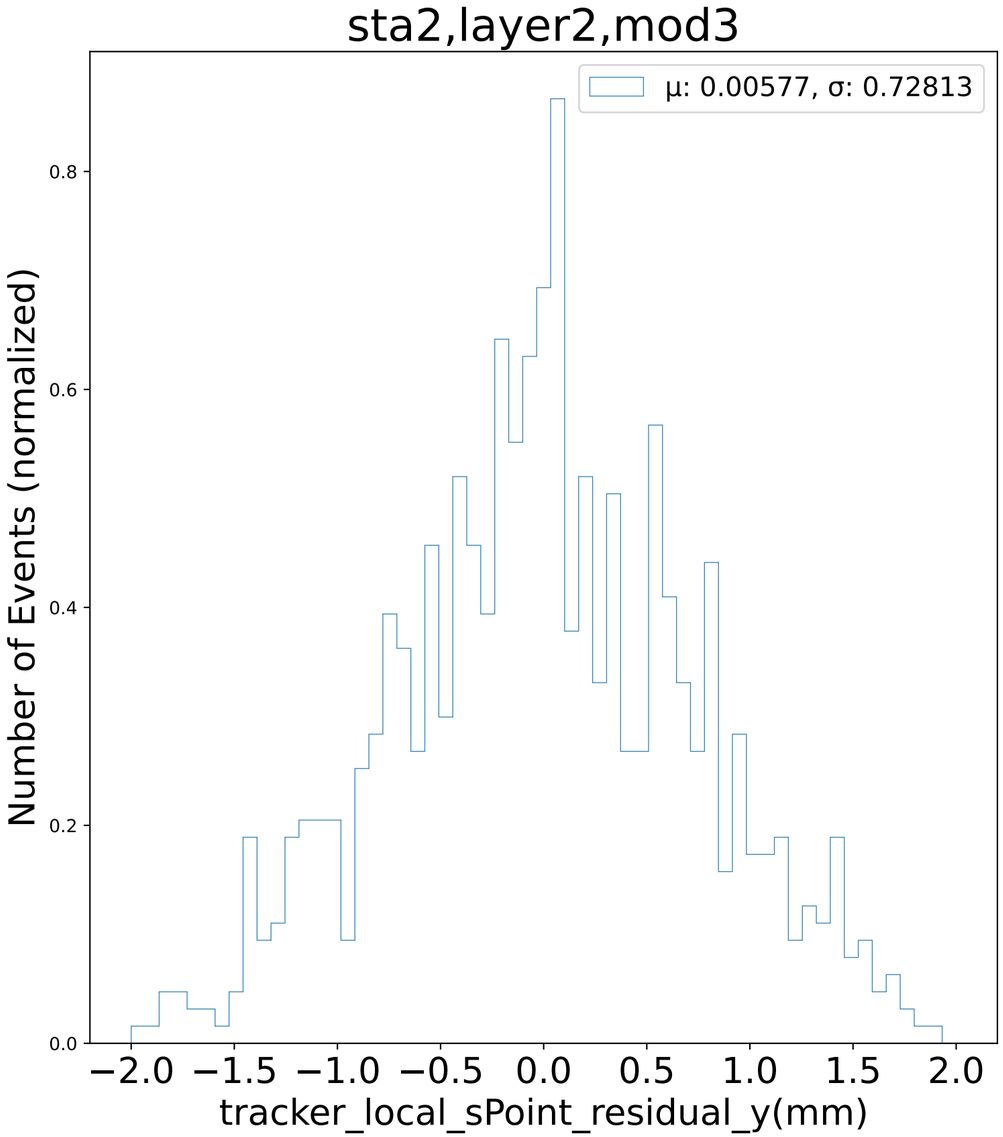

sta2,layer2,mod1
μ: -0.00175, σ: 0.03201
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

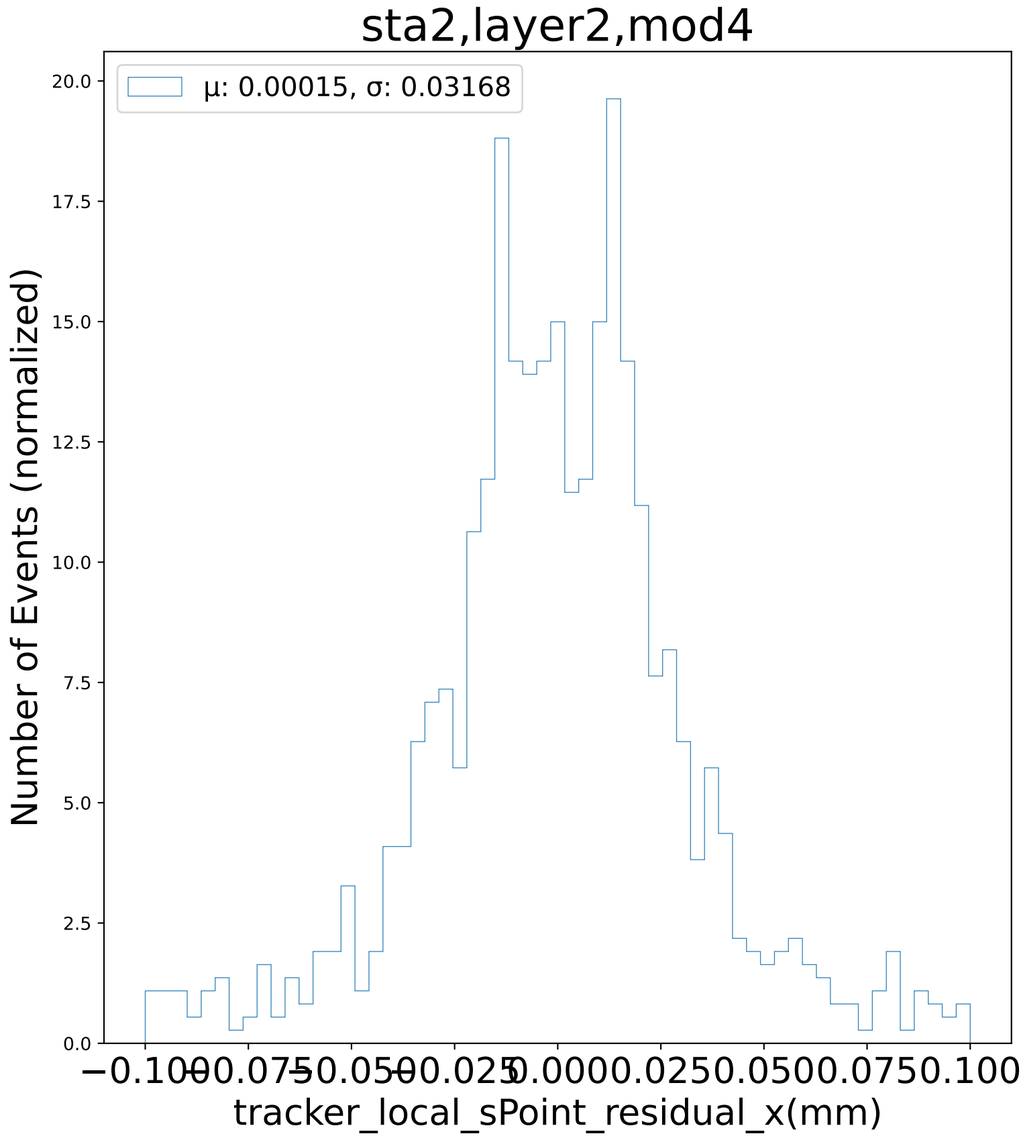

sta2,layer2,mod1
μ: -0.00976, σ: 0.73764
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

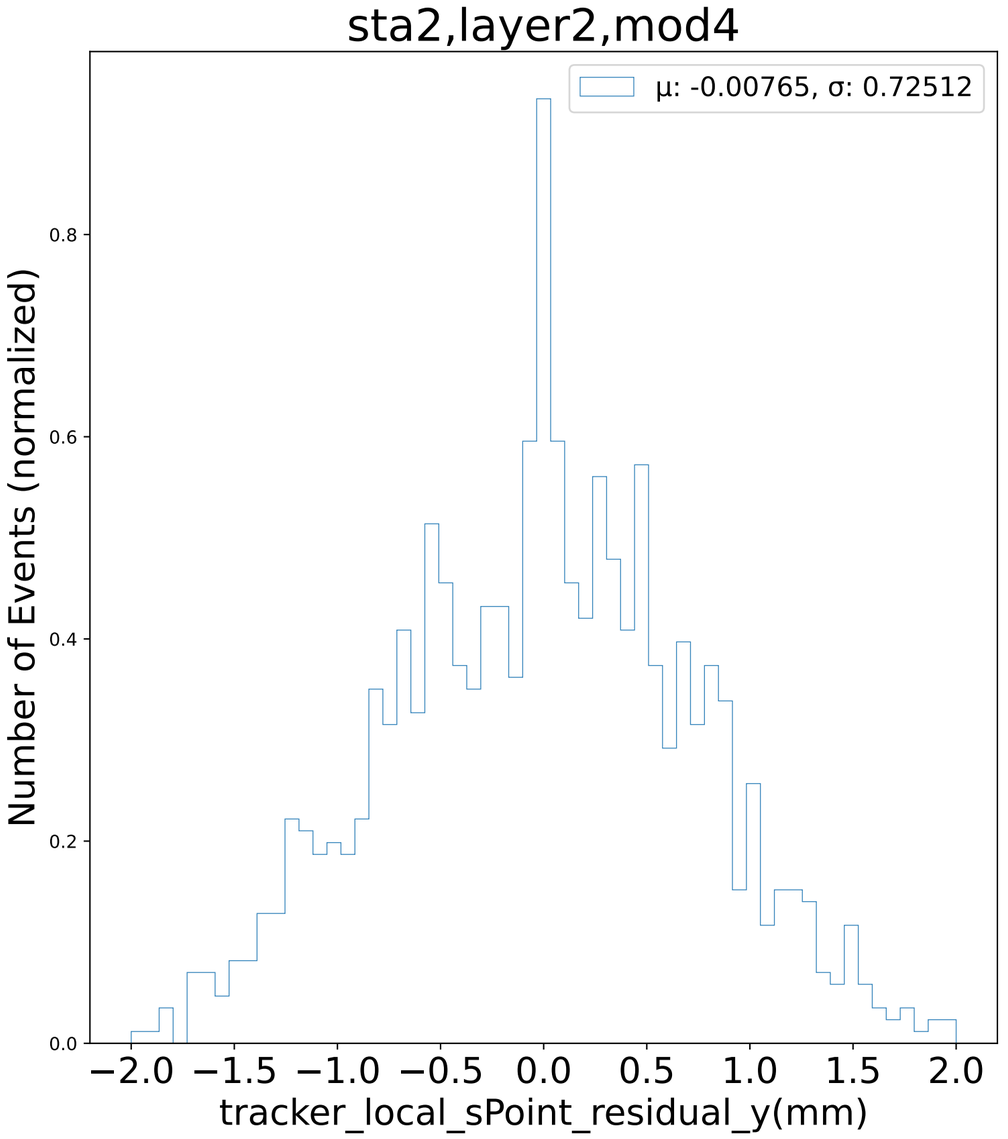

sta2,layer2,mod2
μ: -0.00121, σ: 0.0335
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

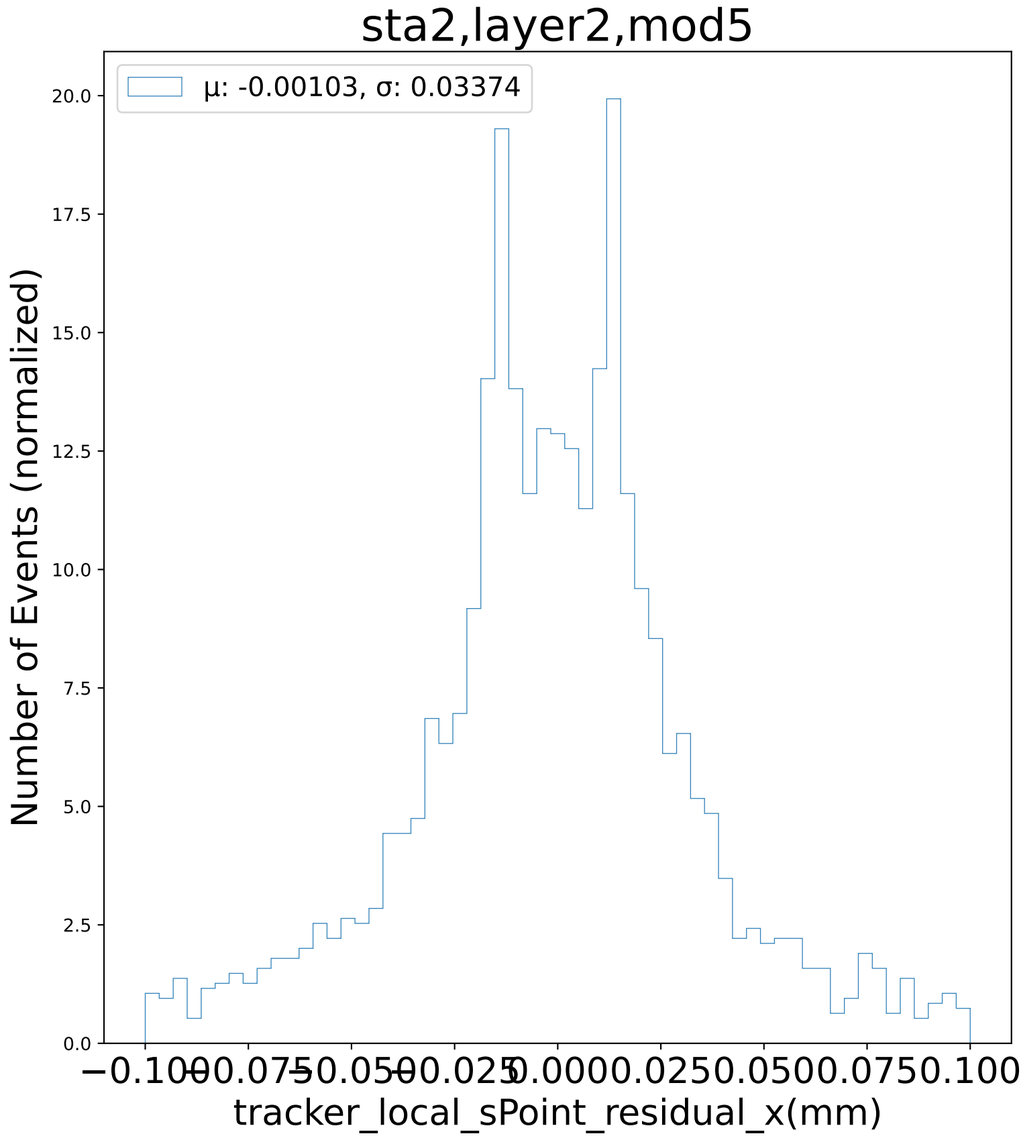

sta2,layer2,mod2
μ: -0.00742, σ: 0.73351
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

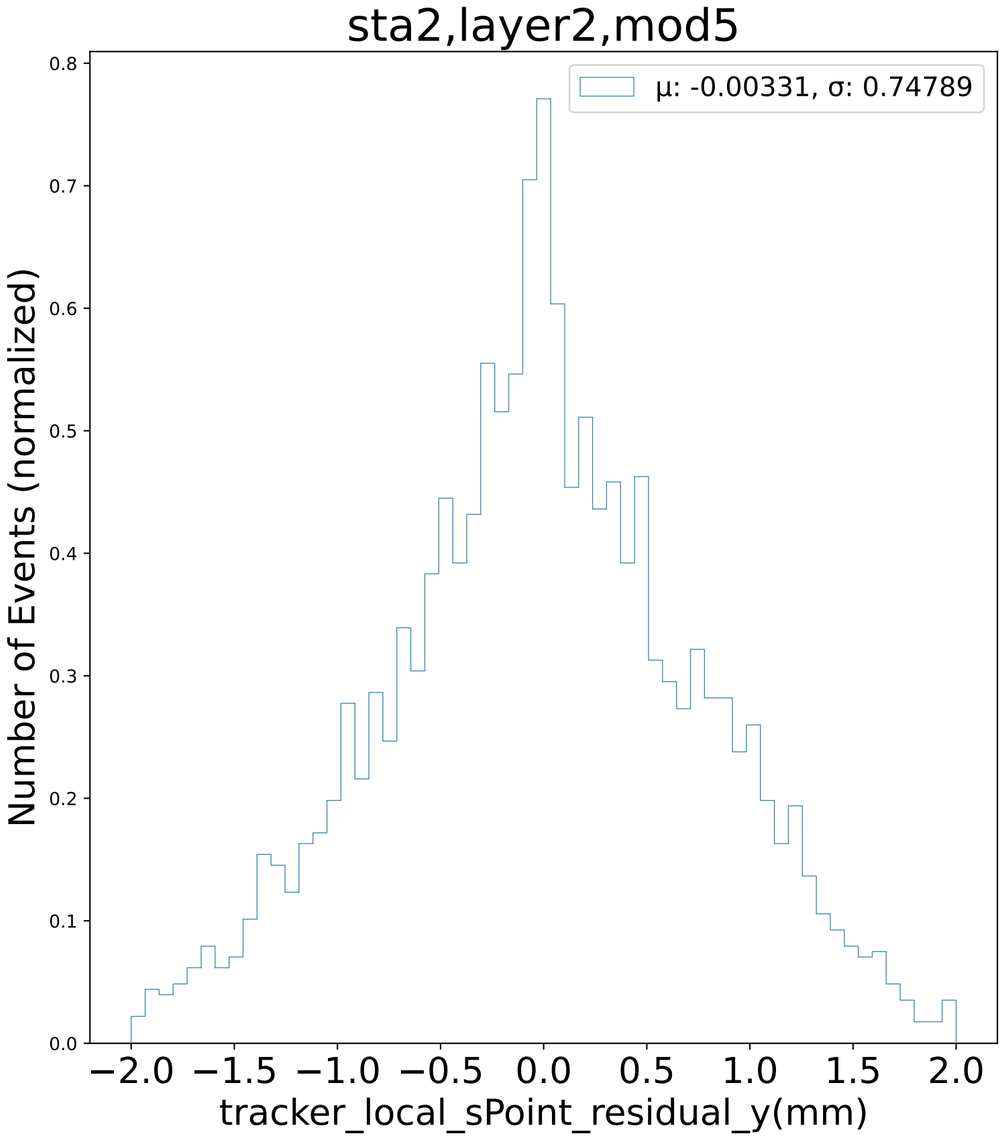

sta2,layer2,mod3
μ: -0.00073, σ: 0.03292
Number of Events (normalized)
0
5
10
15
20
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
tracker_local_sPoint_residual_x(mm)

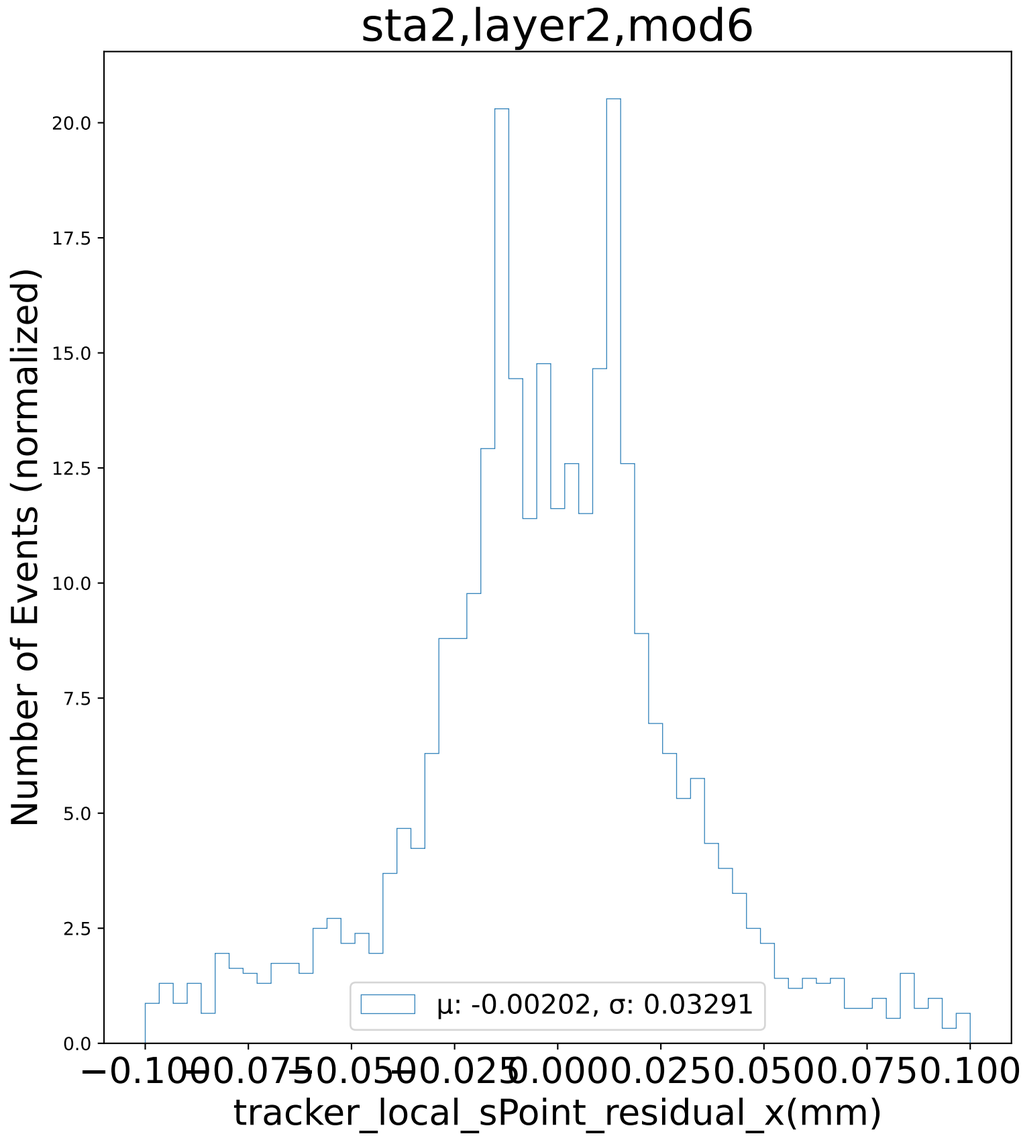

sta2,layer2,mod3
μ: 0.00577, σ: 0.72813
Number of Events (normalized)
0.0
0.2
0.4
0.6
0.8
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0
tracker_local_sPoint_residual_y(mm)

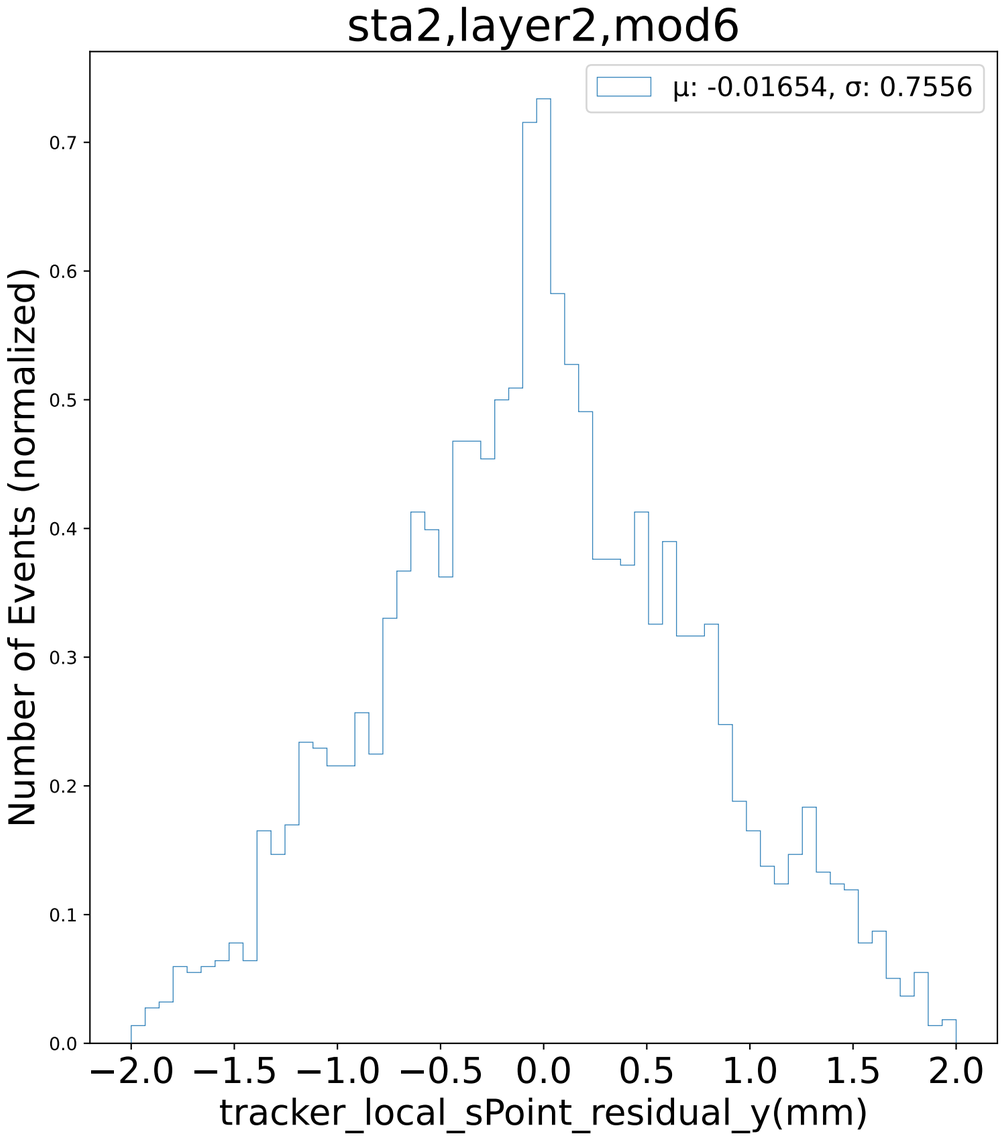

sta2,layer2,mod4
μ: 0.00015, σ: 0.03168
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

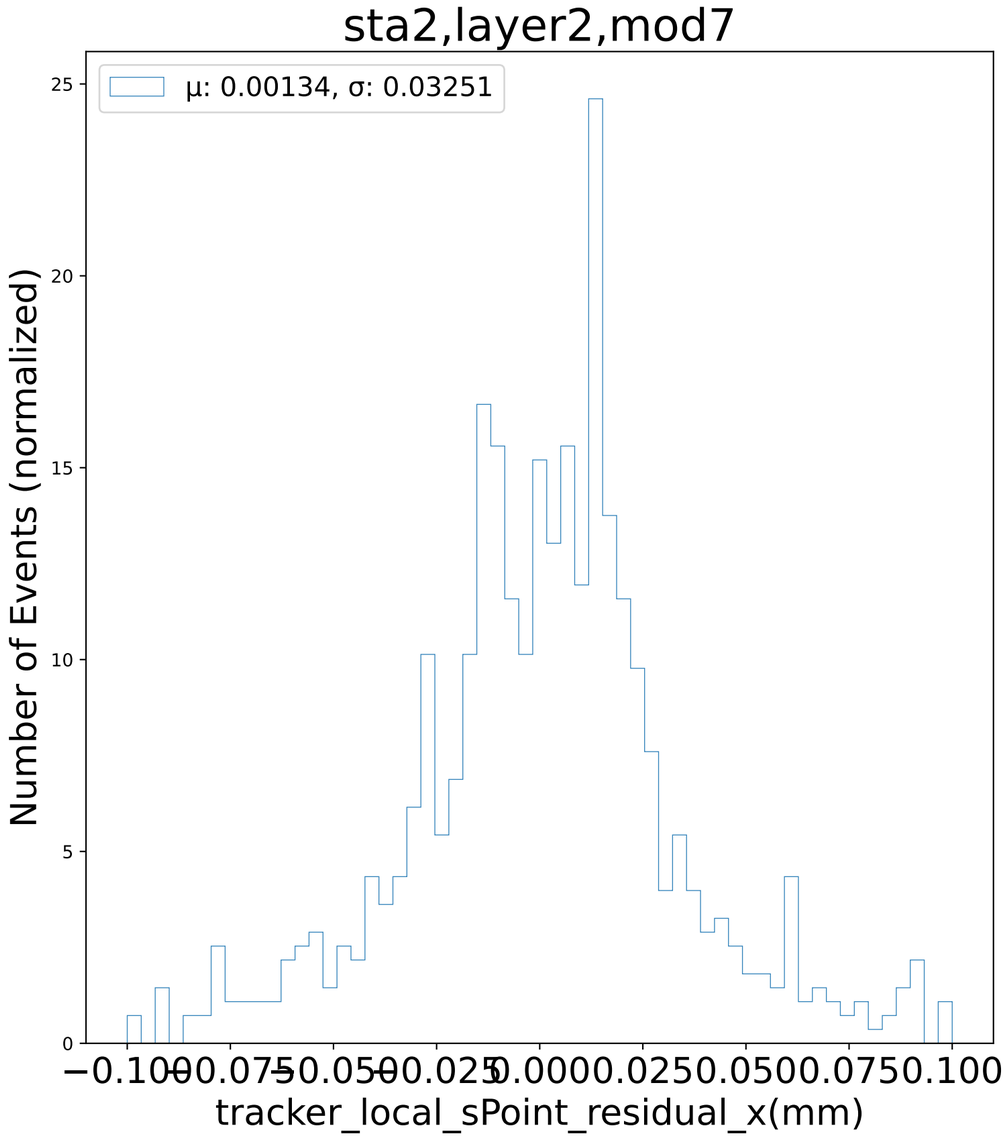

sta2,layer2,mod4
μ: -0.00765, σ: 0.72512
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

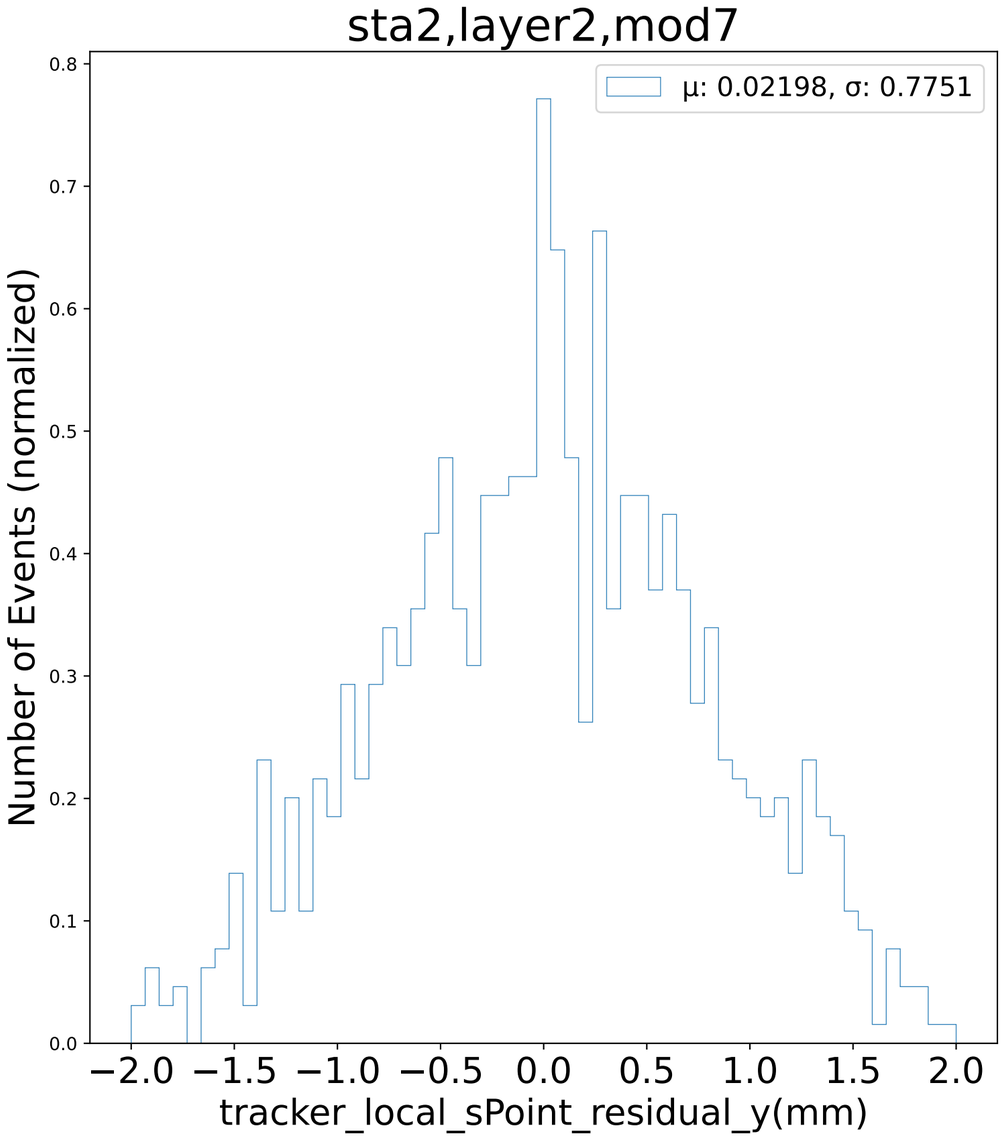

sta2,layer2,mod5
μ: -0.00103, σ: 0.03374
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

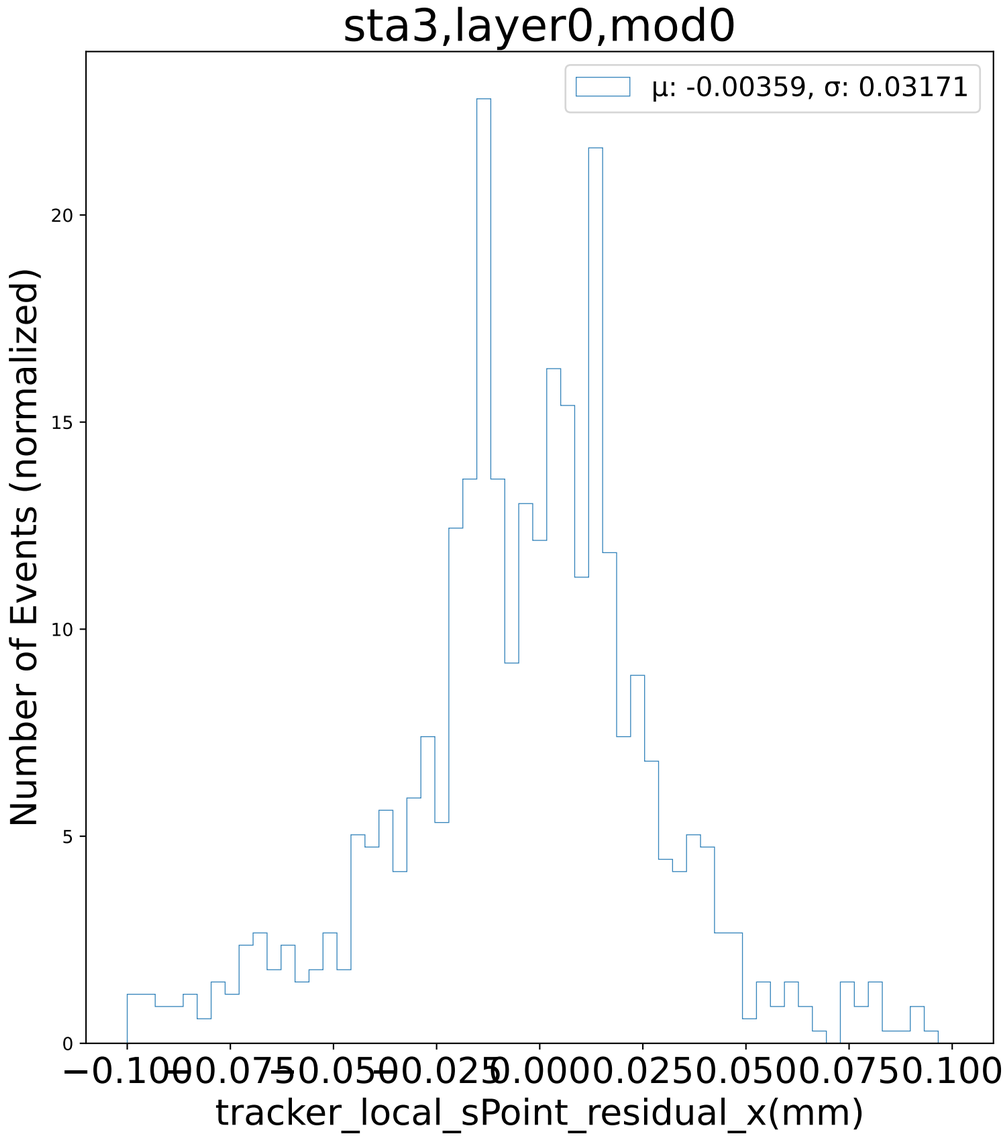

sta2,layer2,mod5
μ: -0.00331, σ: 0.74789
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

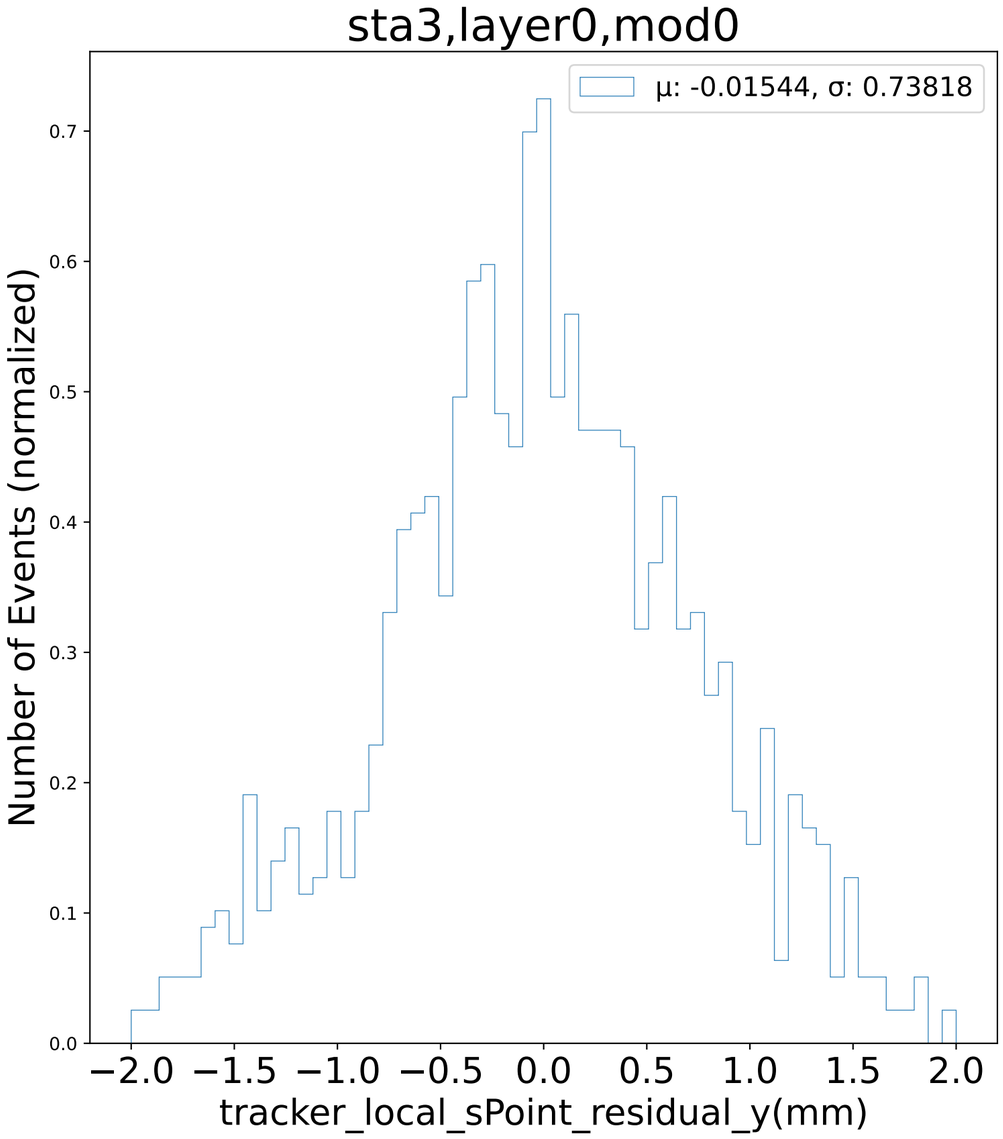

sta2,layer2,mod6
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)
μ: -0.00202, σ: 0.03291

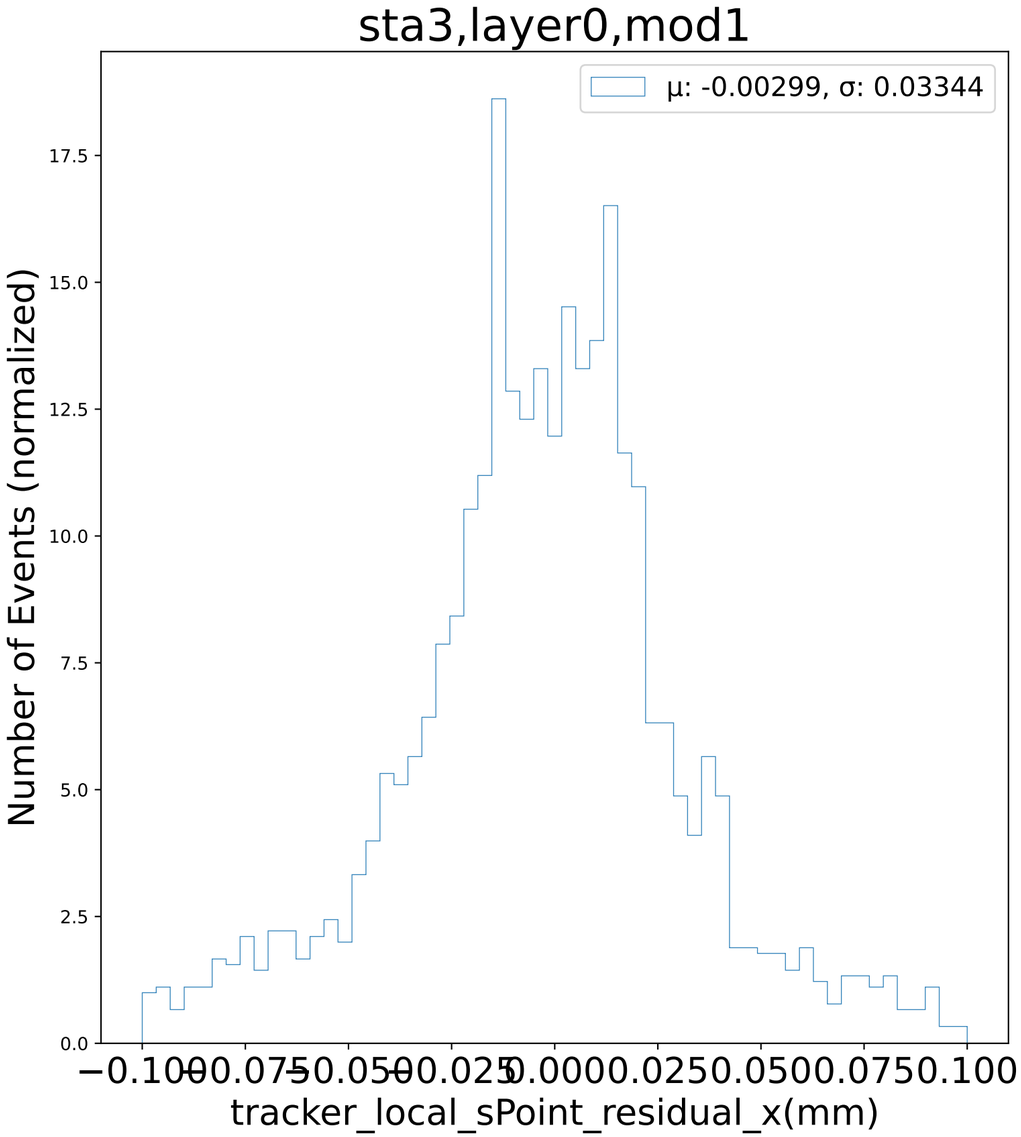

sta2,layer2,mod6
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)
μ: -0.01654, σ: 0.7556

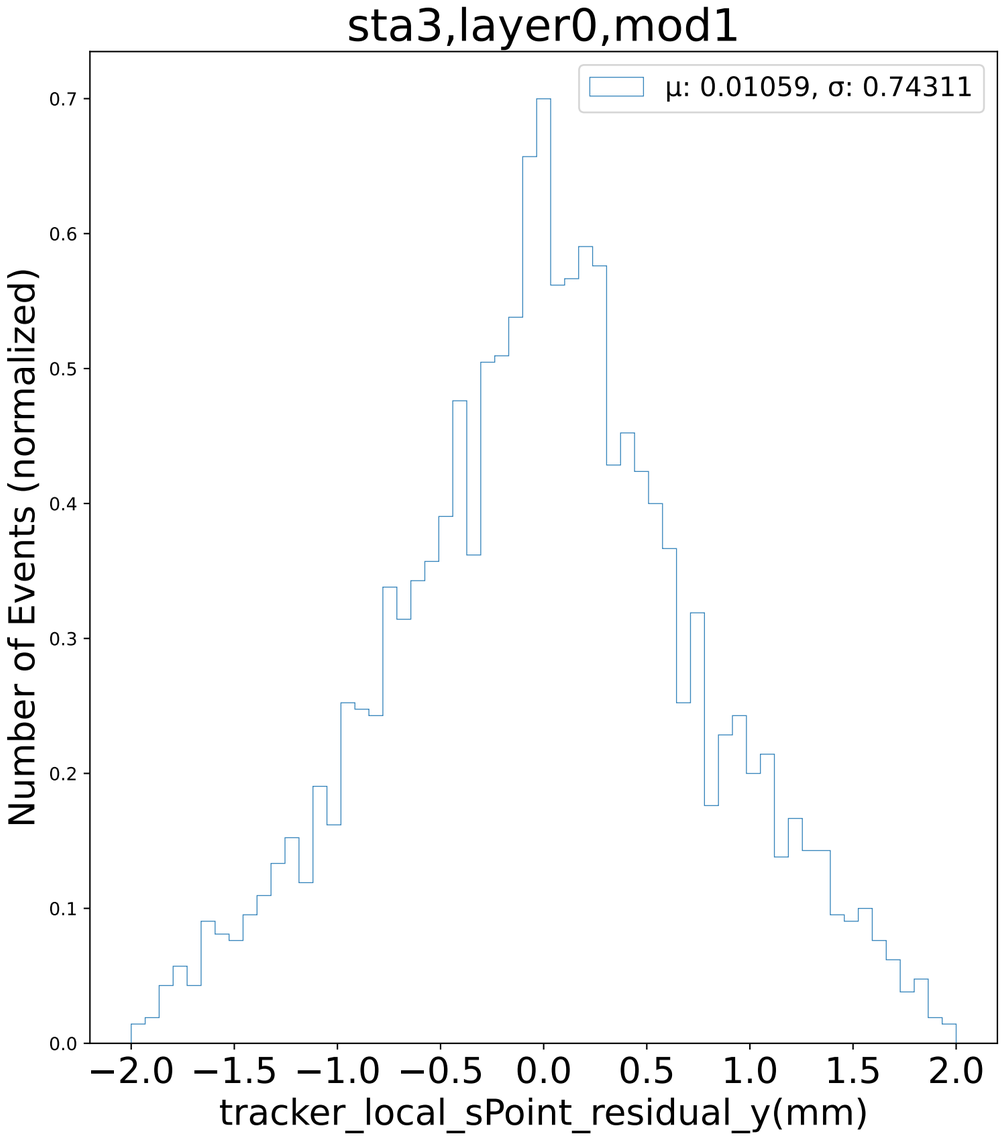

sta2,layer2,mod7
μ: 0.00134, σ: 0.03251
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

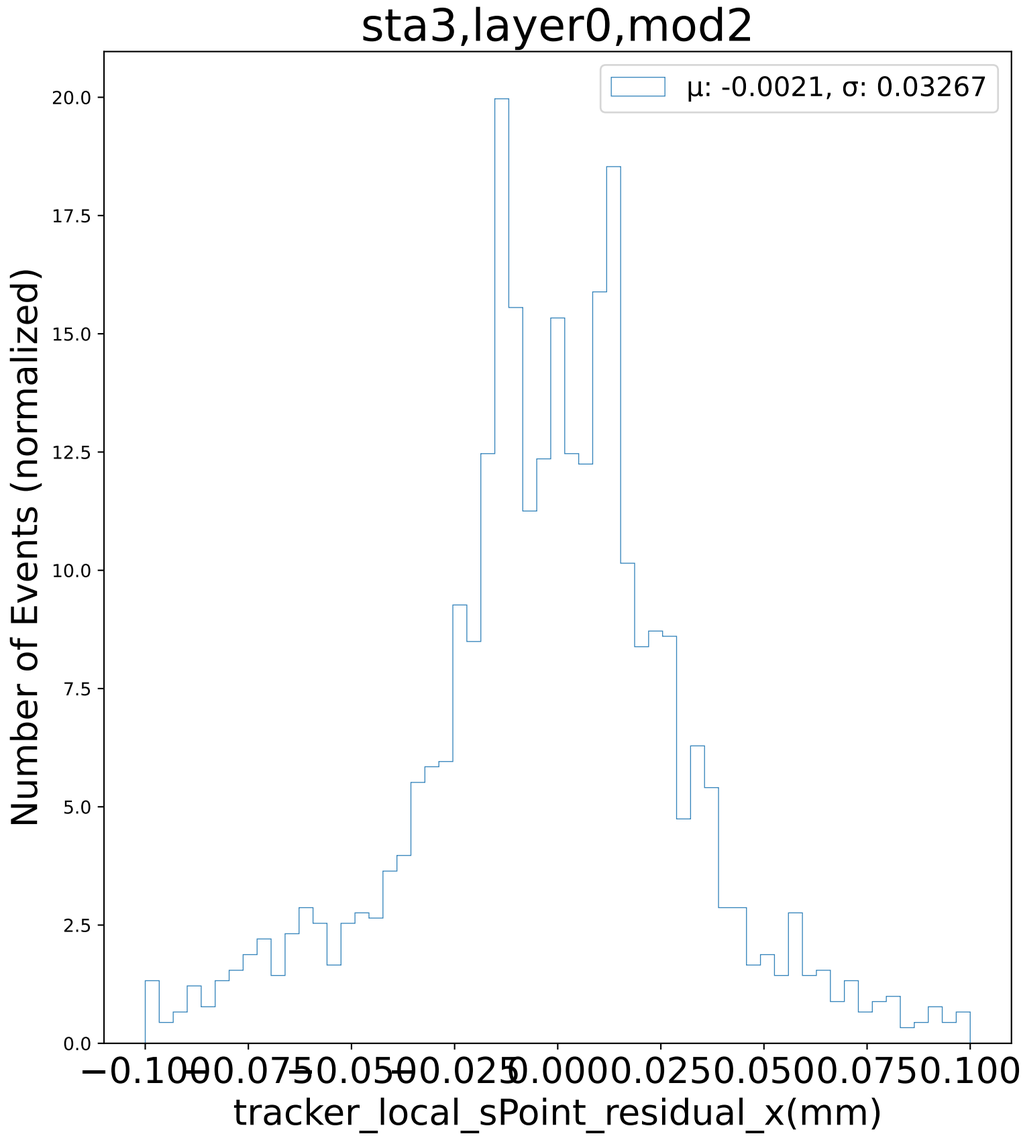

sta2,layer2,mod7
μ: 0.02198, σ: 0.7751
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

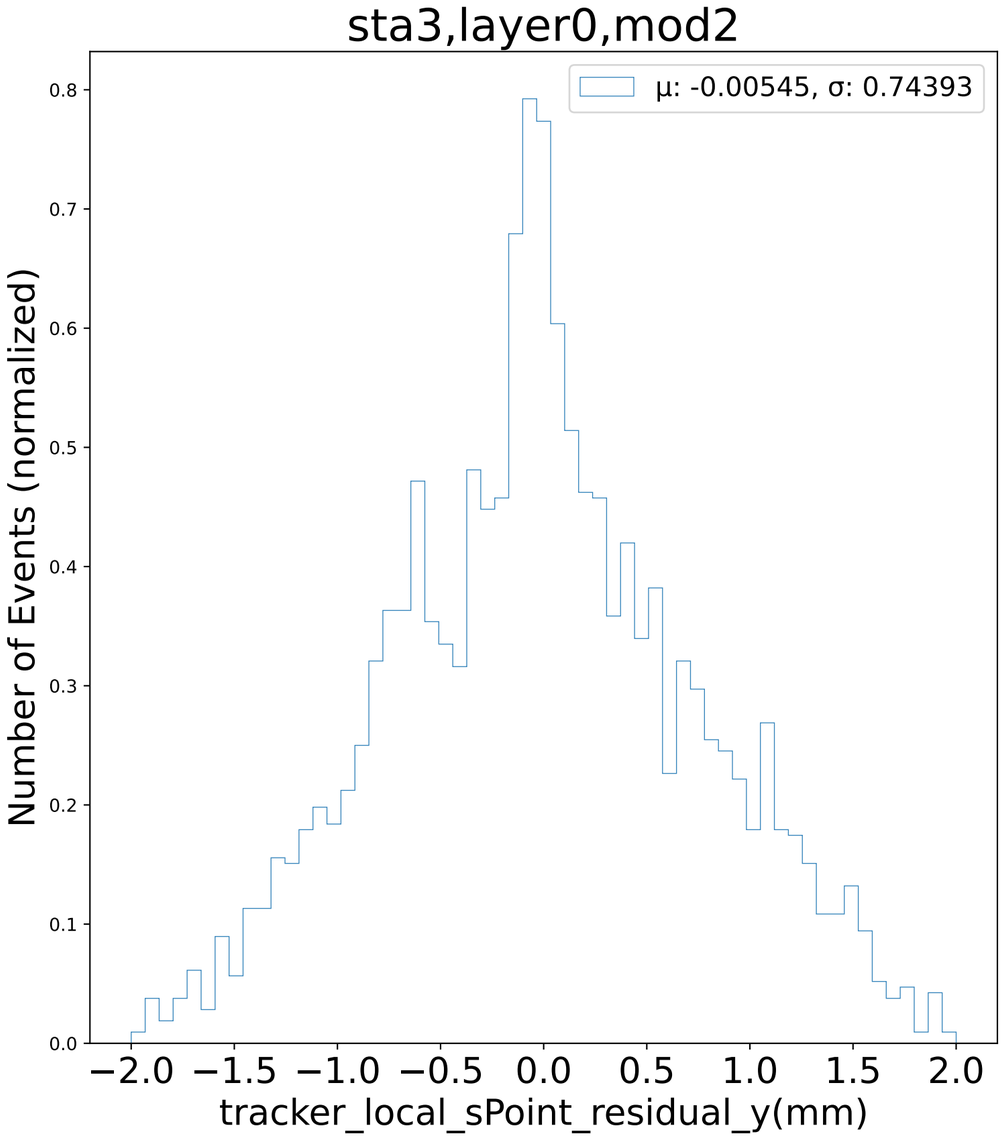

sta3,layer0,mod0
μ: -0.00359, σ: 0.03171
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

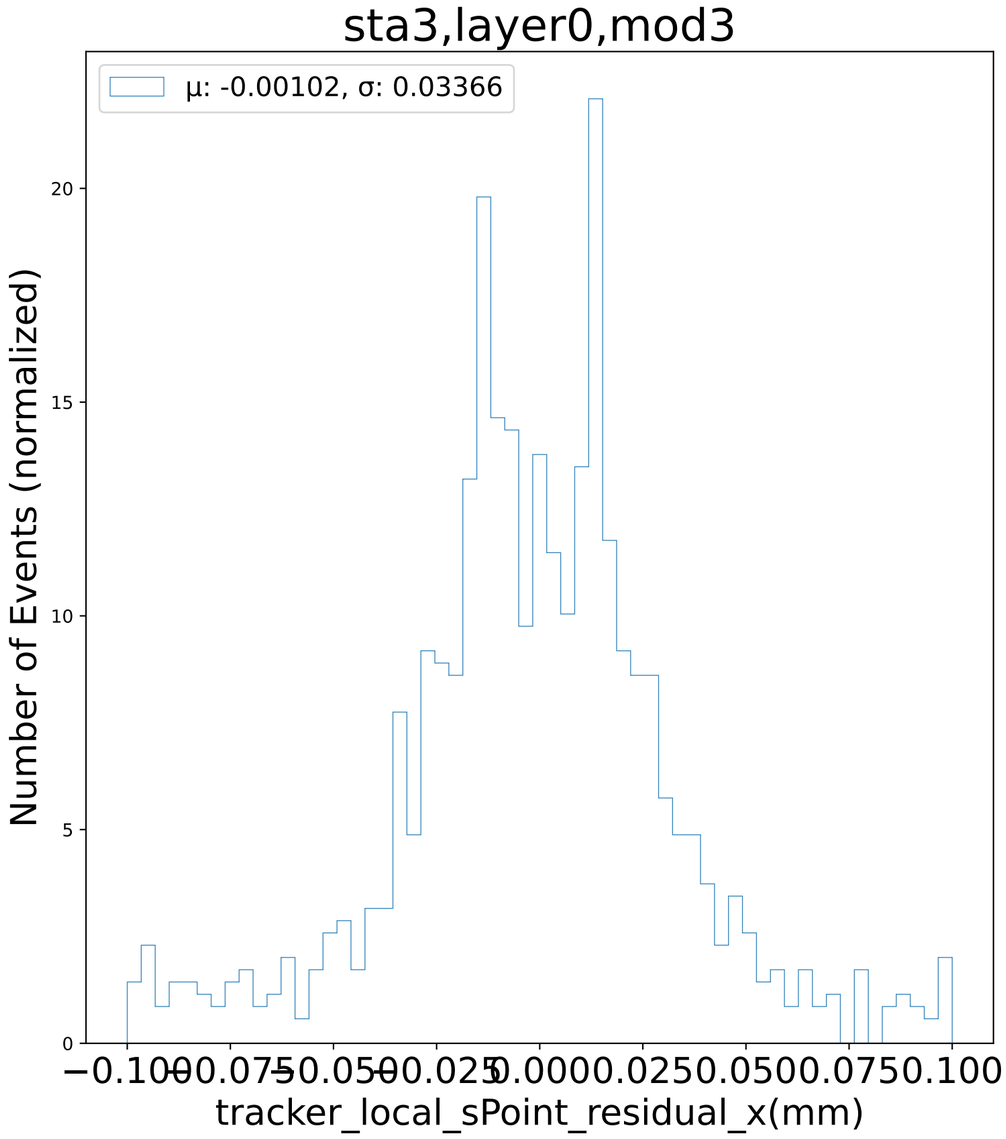

sta3,layer0,mod0
μ: -0.01544, σ: 0.73818
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

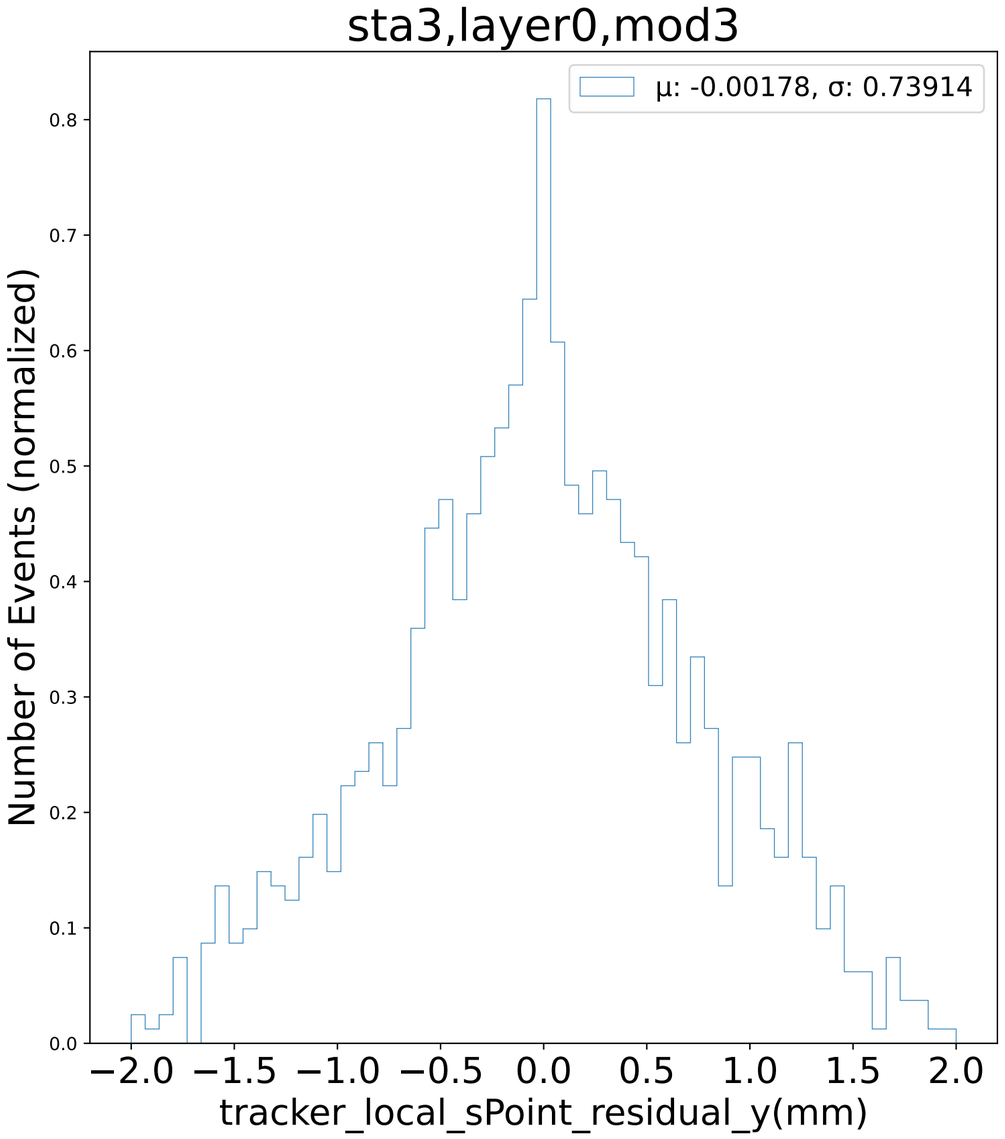

sta3,layer0,mod1
μ: -0.00299, σ: 0.03344
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

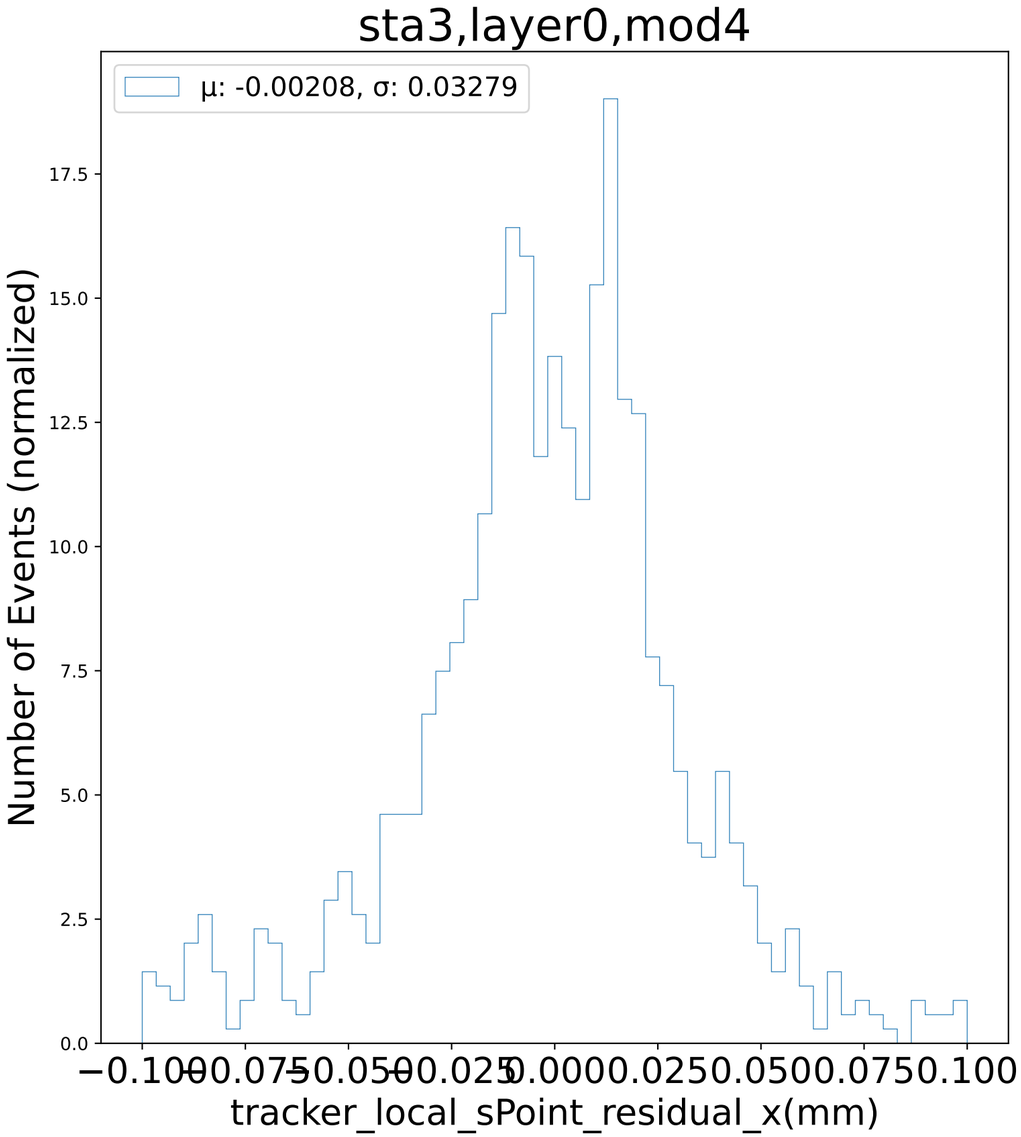

sta3,layer0,mod1
μ: 0.01059, σ: 0.74311
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

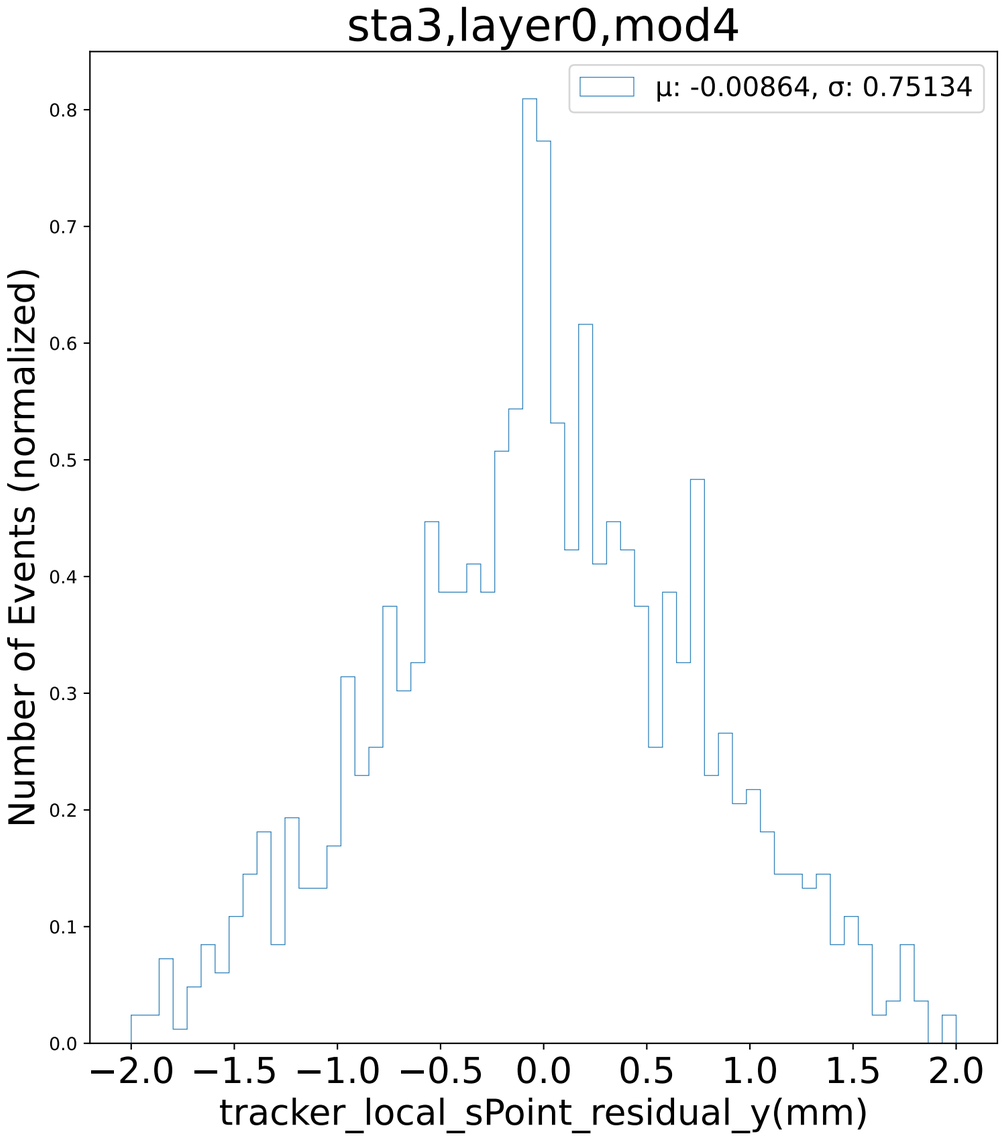

sta3,layer0,mod2
μ: -0.0021, σ: 0.03267
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

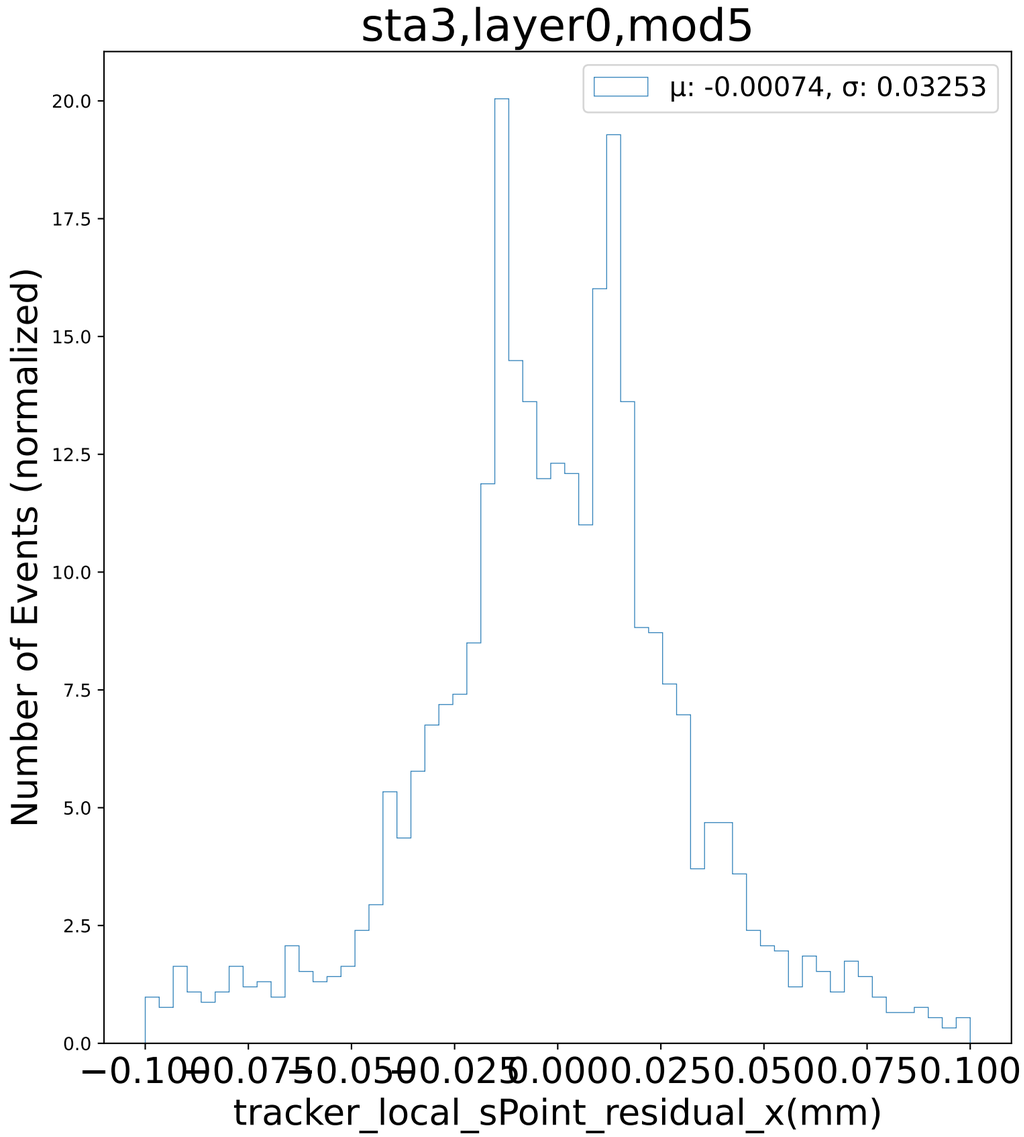

sta3,layer0,mod2
μ: -0.00545, σ: 0.74393
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

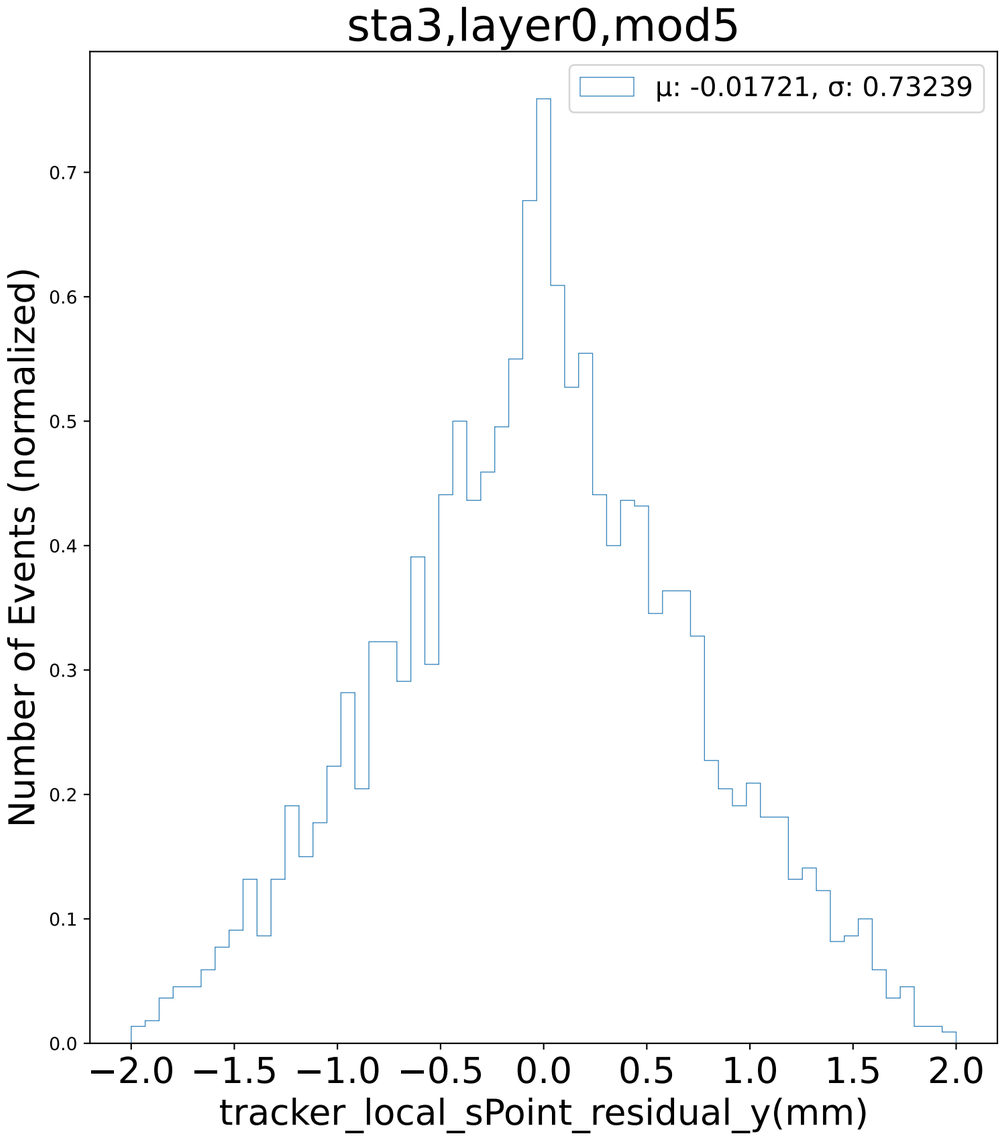

sta3,layer0,mod3
μ: -0.00102, σ: 0.03366
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

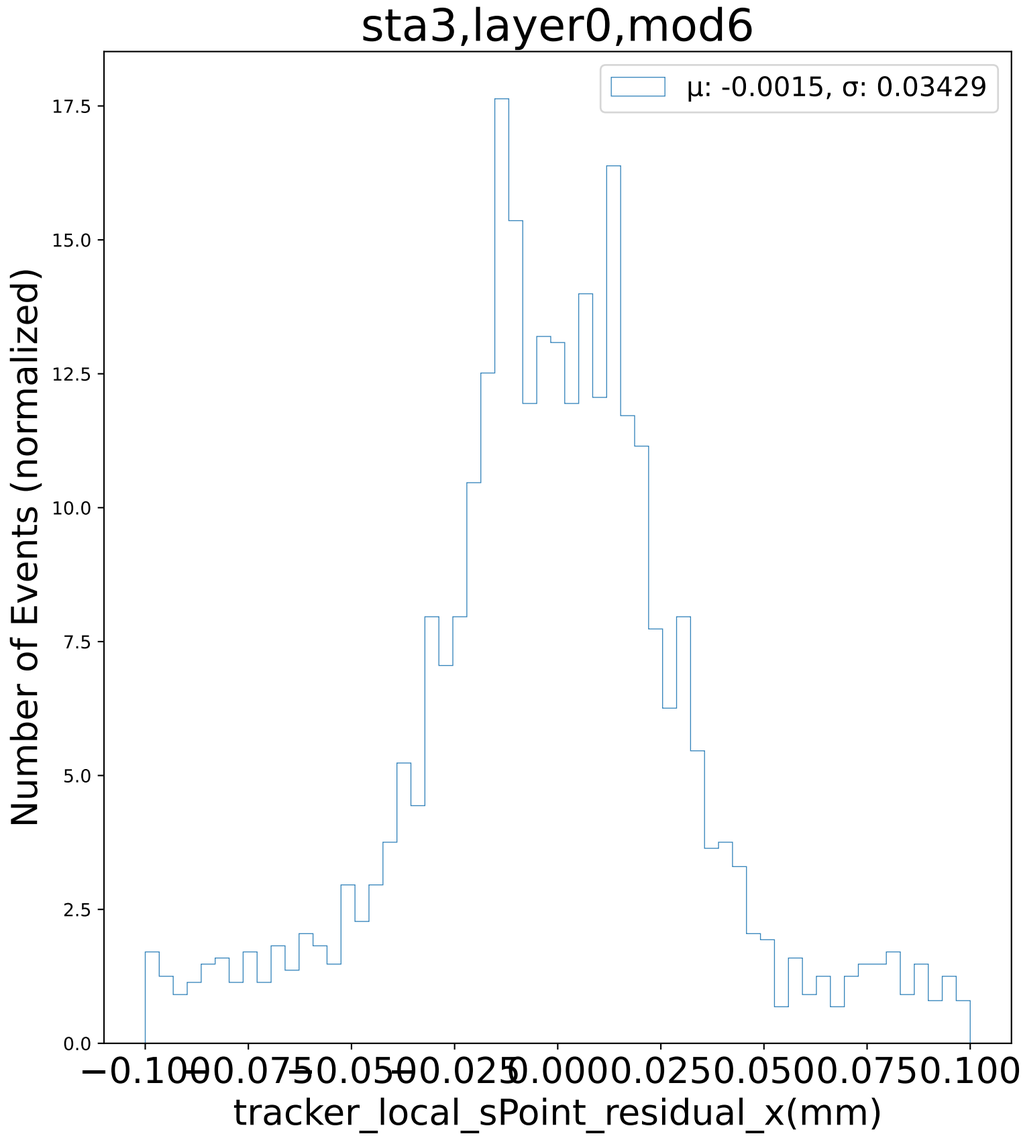

sta3,layer0,mod3
μ: -0.00178, σ: 0.73914
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

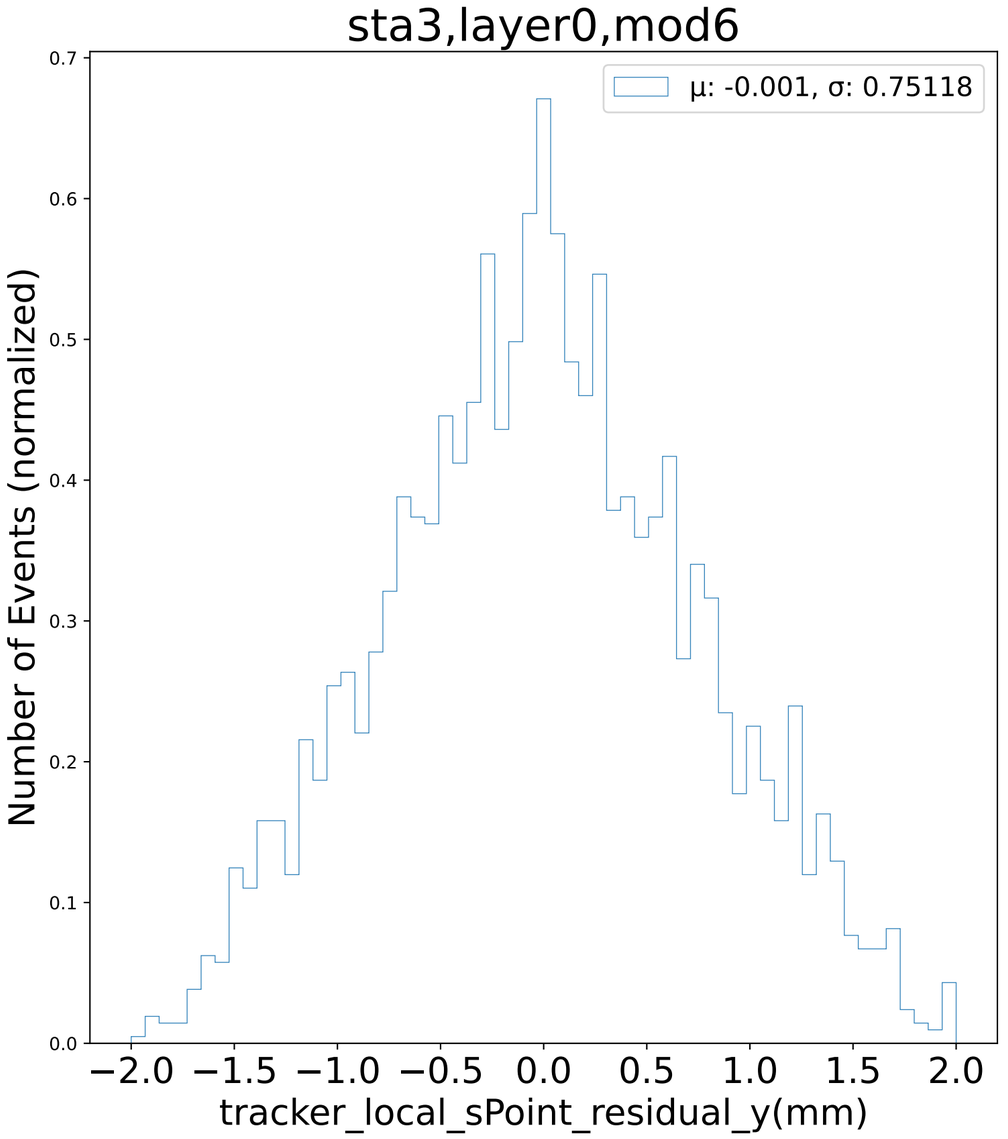

sta3,layer0,mod4
μ: -0.00208, σ: 0.03279
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

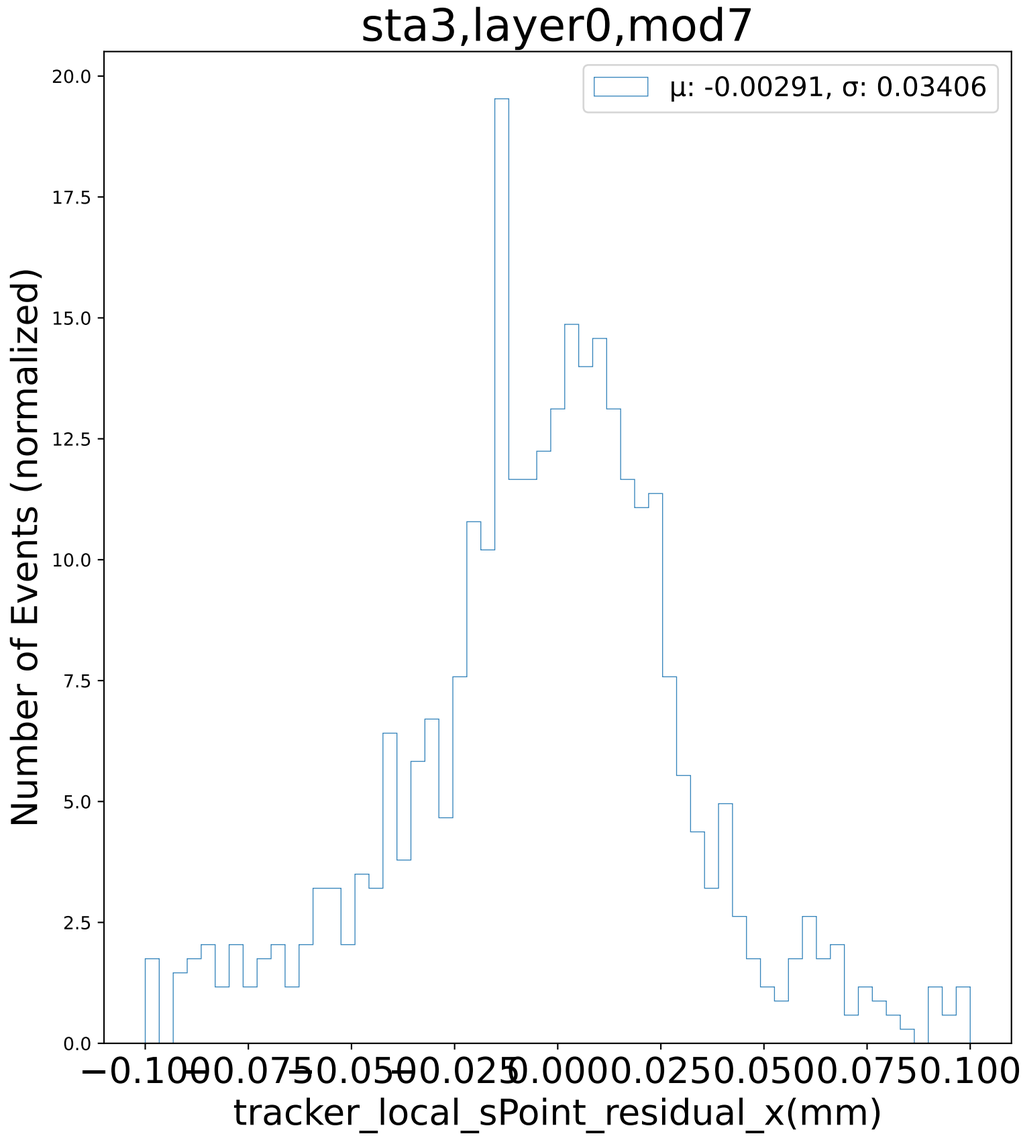

sta3,layer0,mod4
μ: -0.00864, σ: 0.75134
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

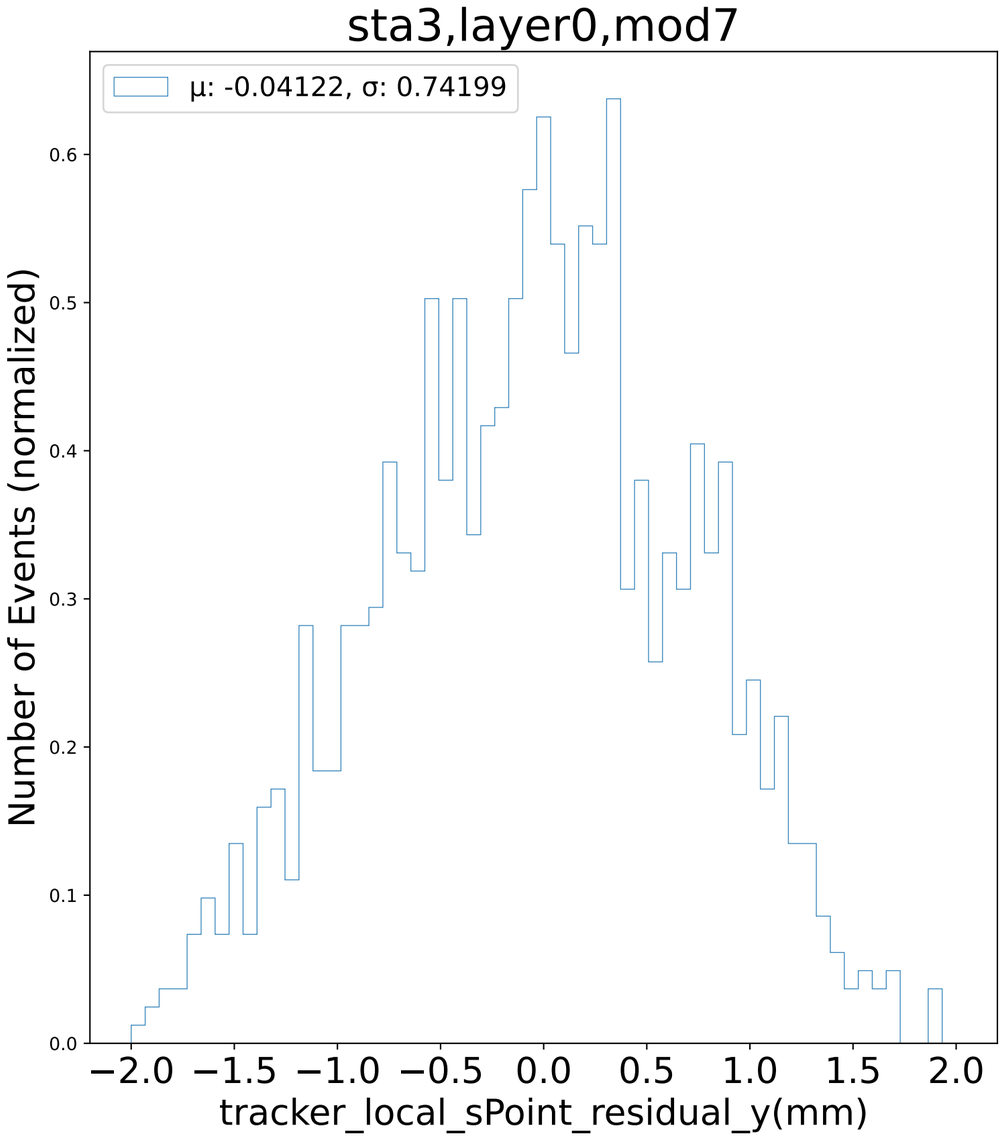

sta3,layer0,mod5
μ: -0.00074, σ: 0.03253
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

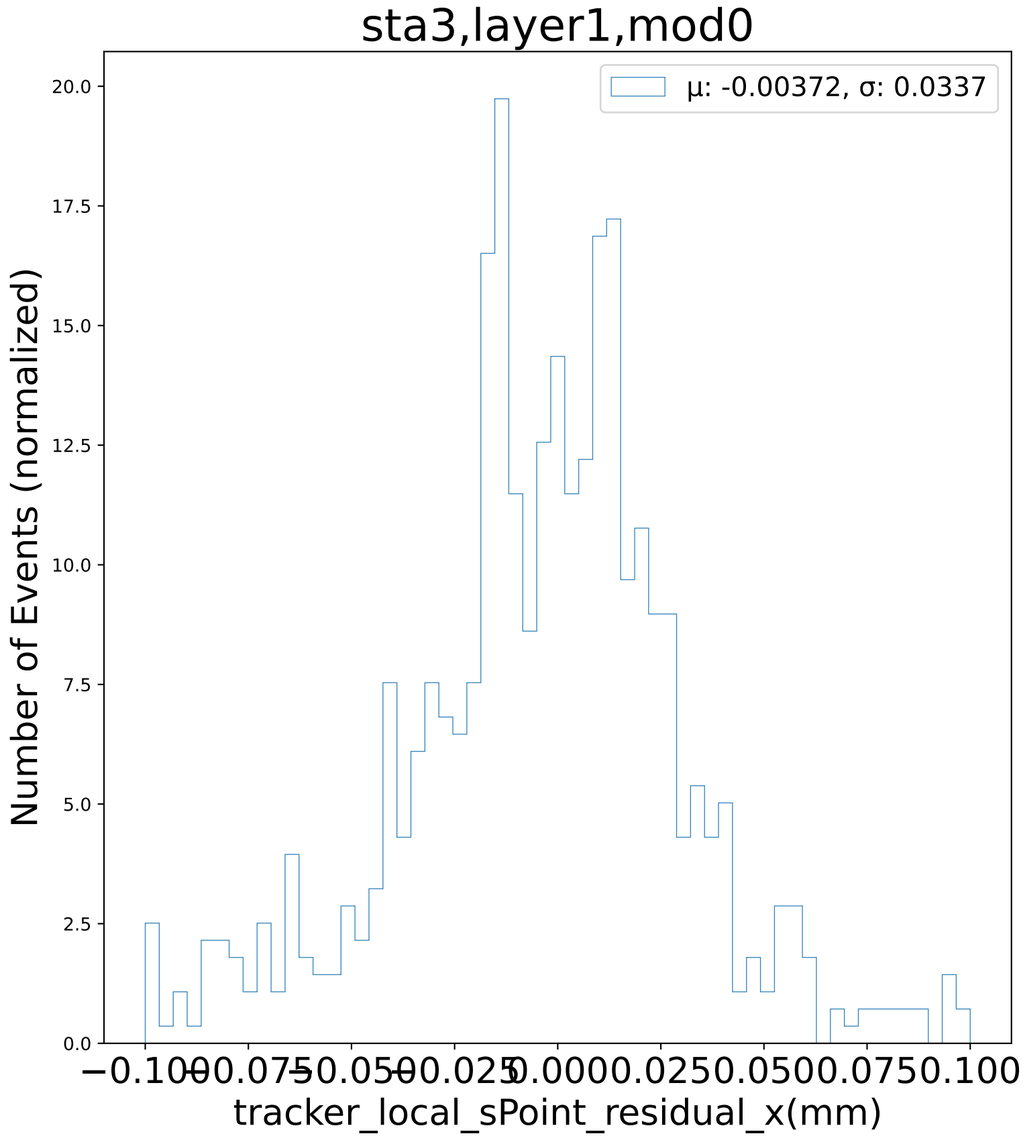

sta3,layer0,mod5
μ: -0.01721, σ: 0.73239
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

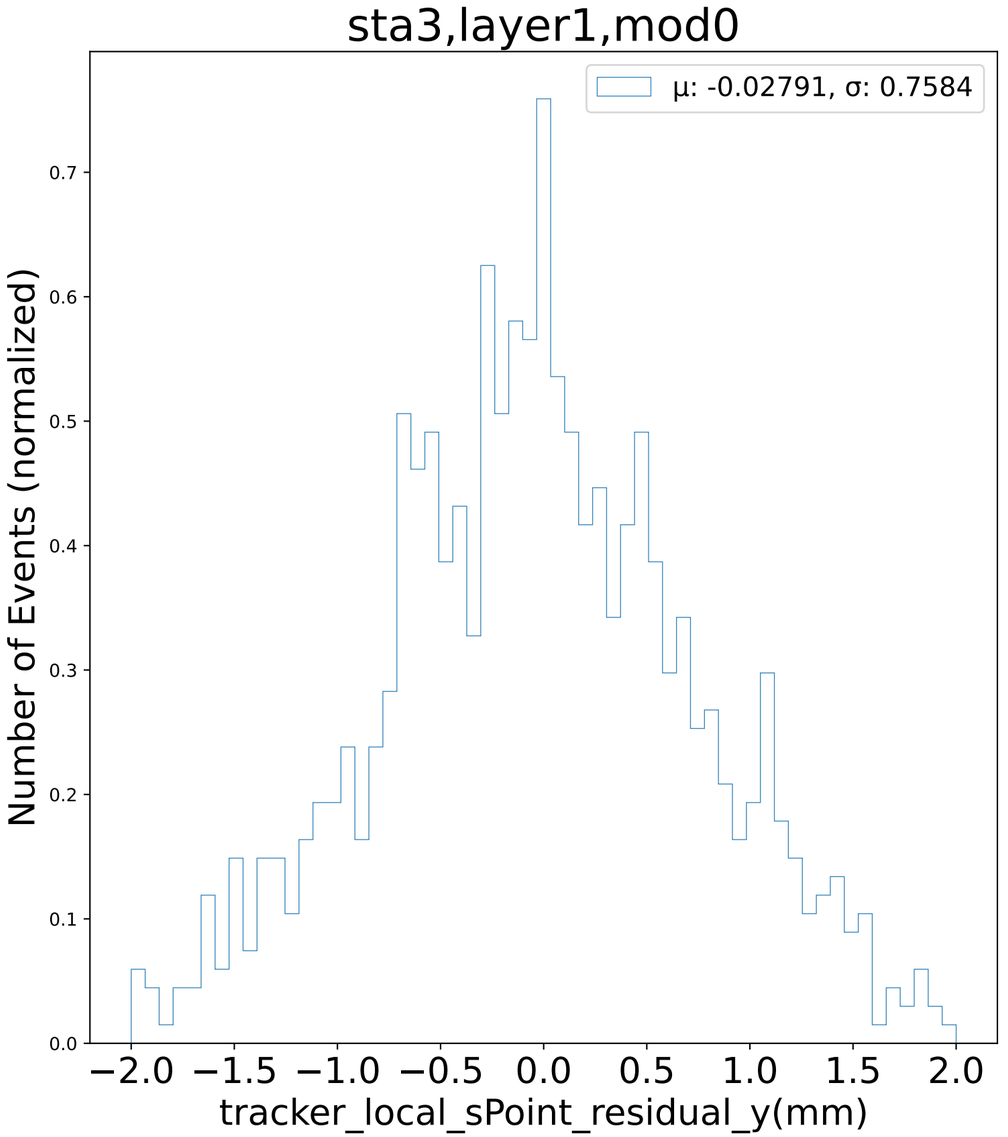

sta3,layer0,mod6
μ: -0.0015, σ: 0.03429
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

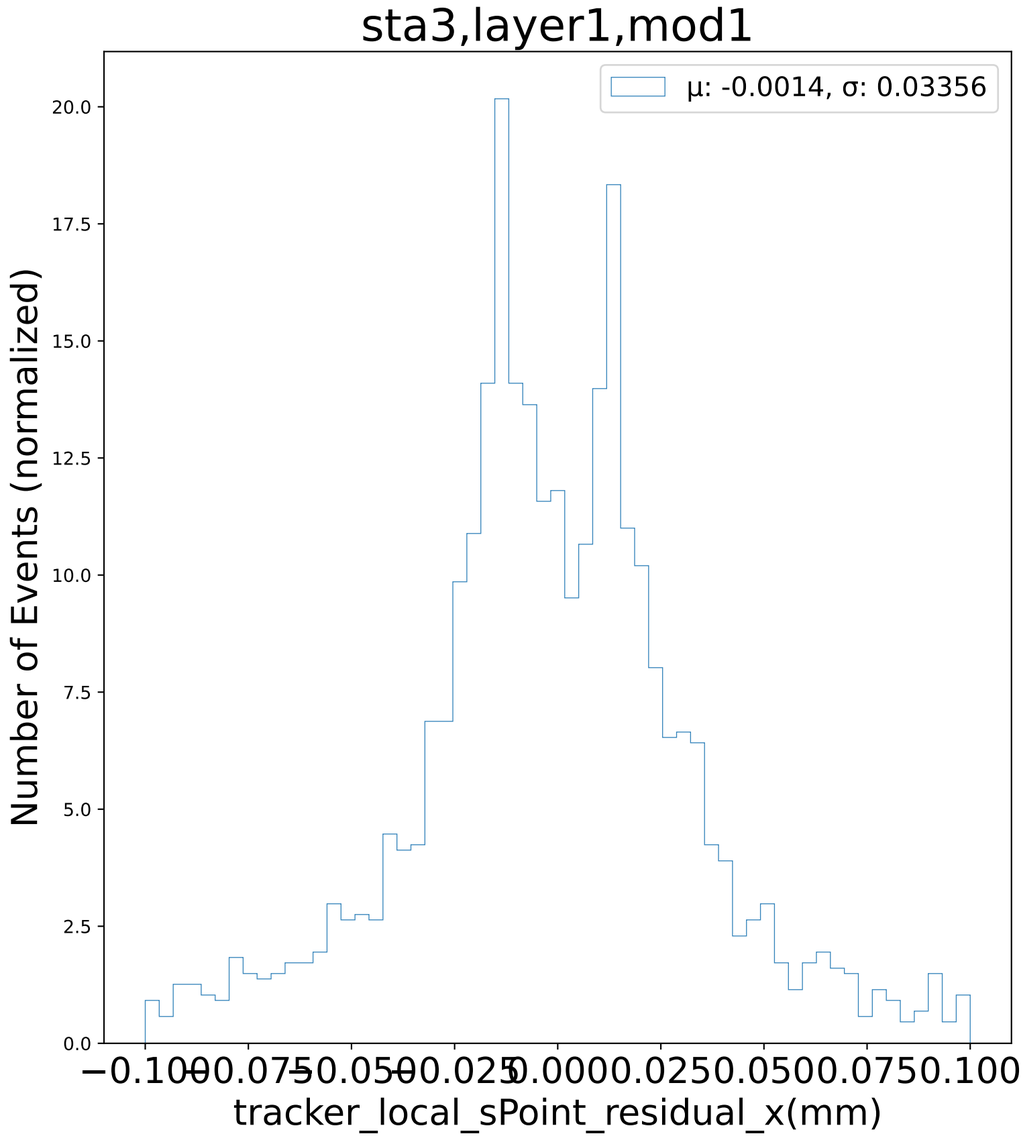

sta3,layer0,mod6
μ: -0.001, σ: 0.75118
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

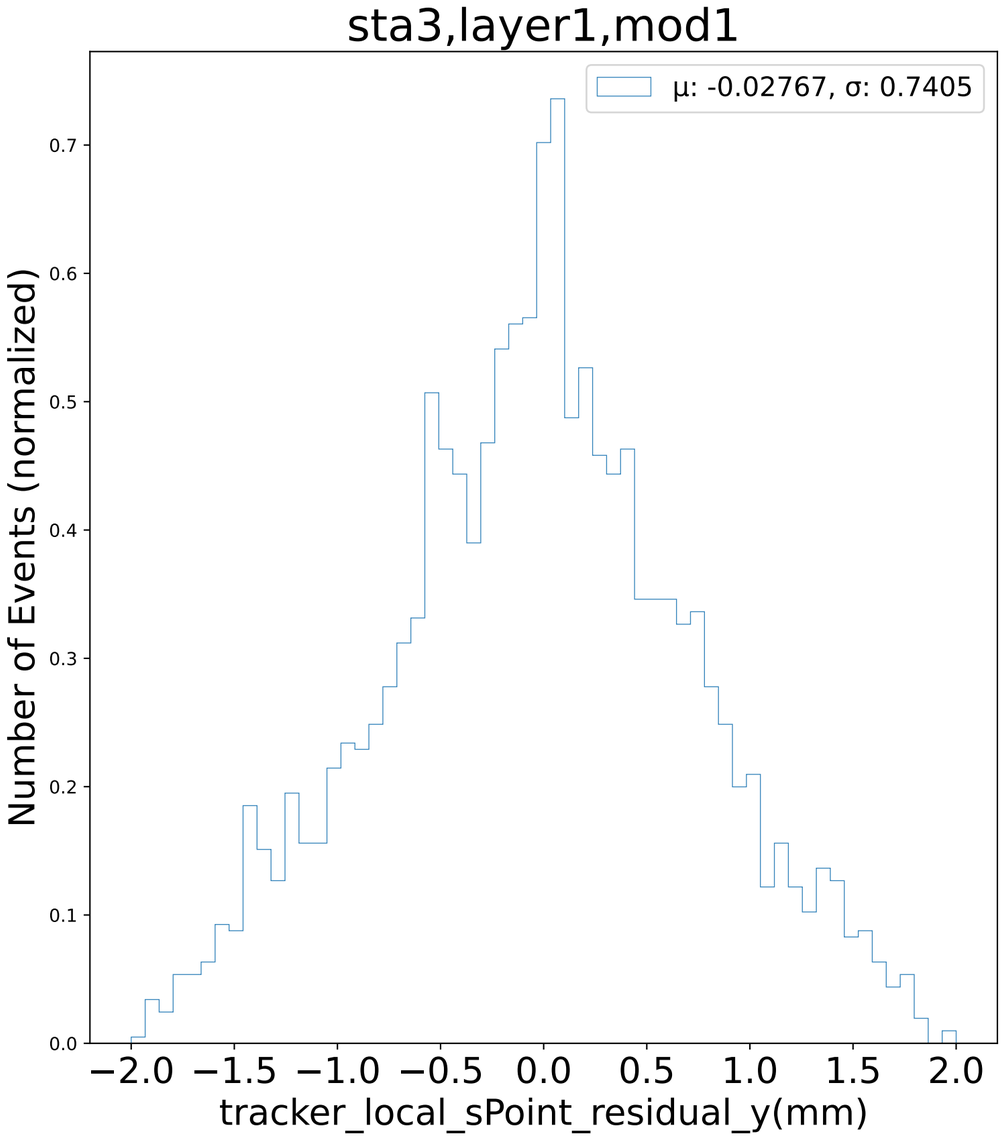

sta3,layer0,mod7
μ: -0.00291, σ: 0.03406
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

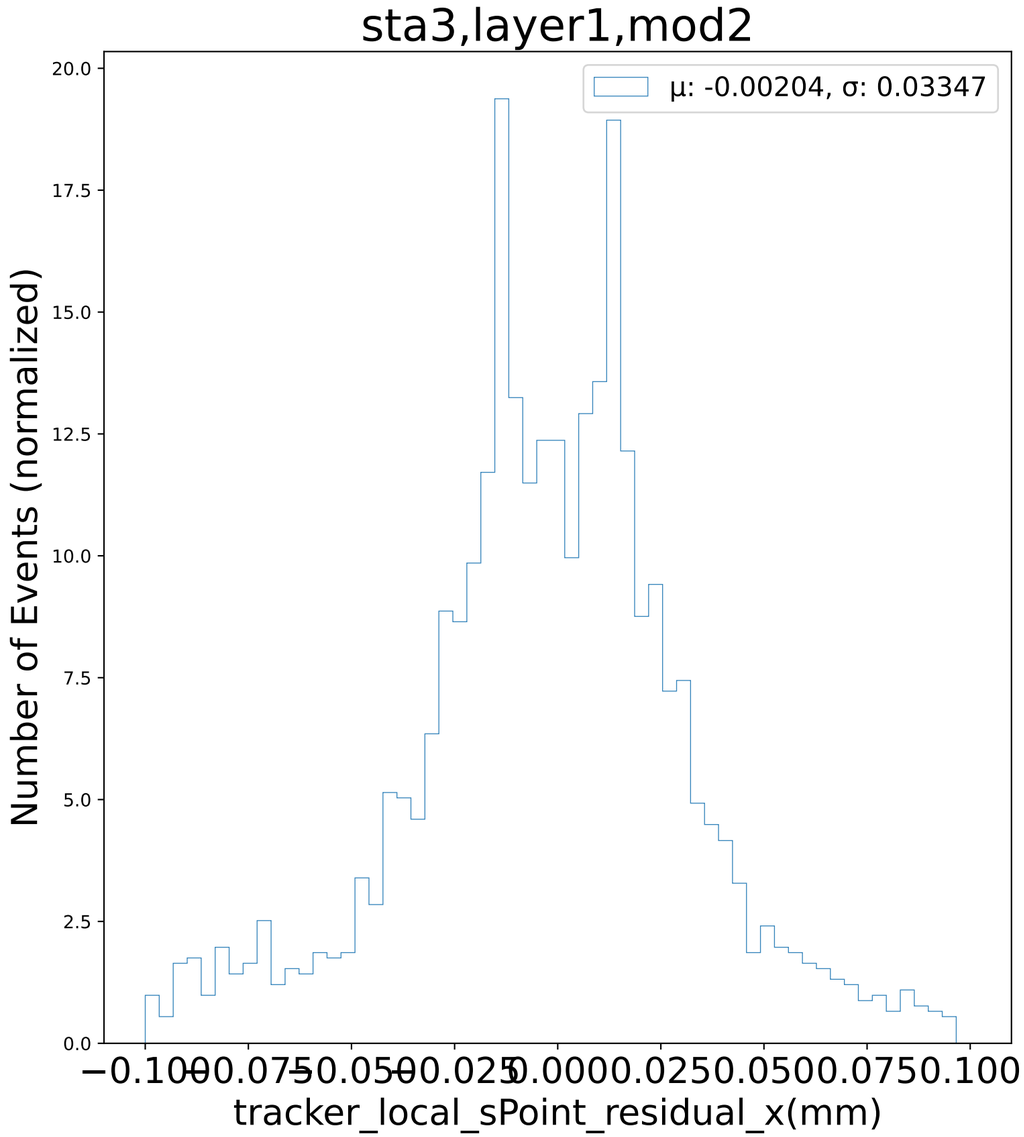

sta3,layer0,mod7
μ: -0.04122, σ: 0.74199
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

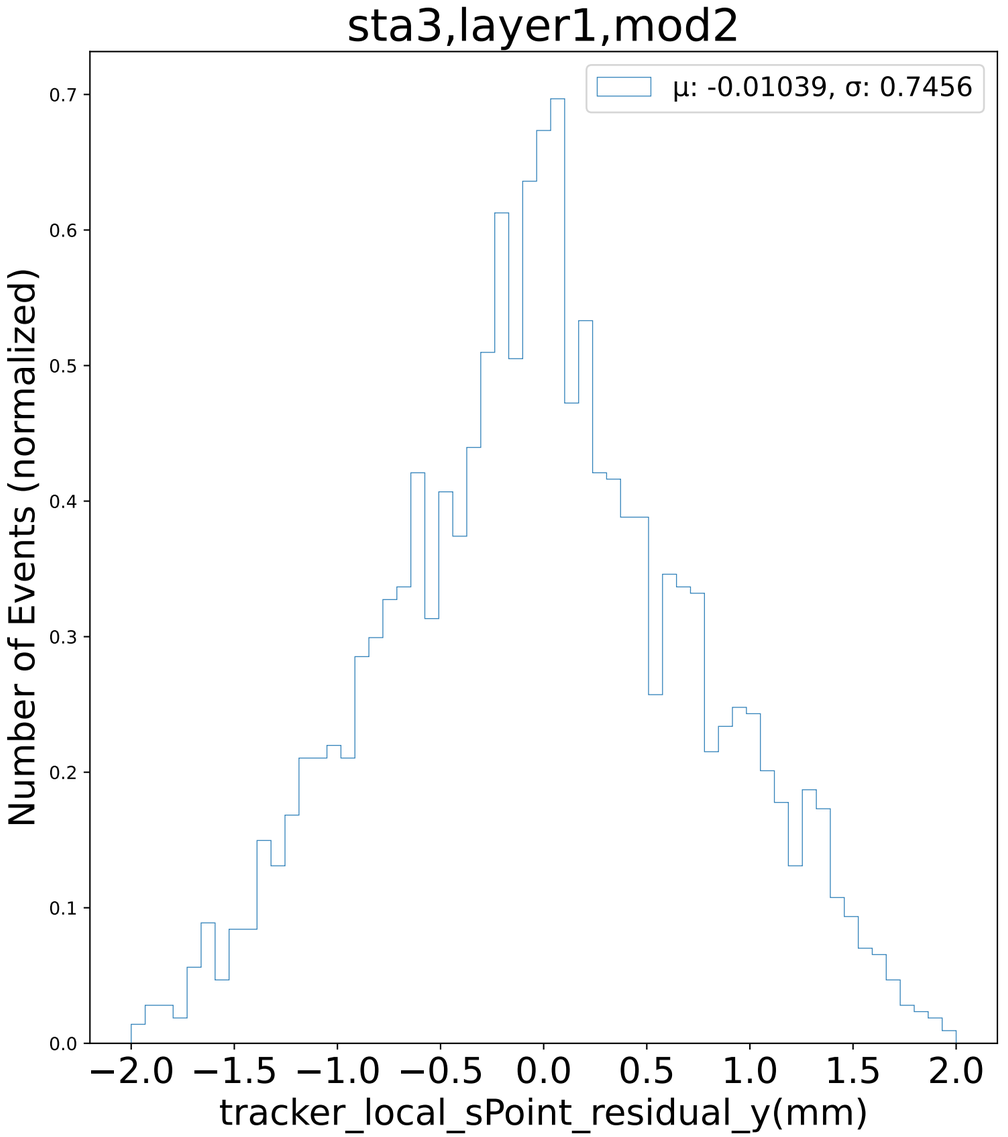

sta3,layer1,mod0
μ: -0.00372, σ: 0.0337
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

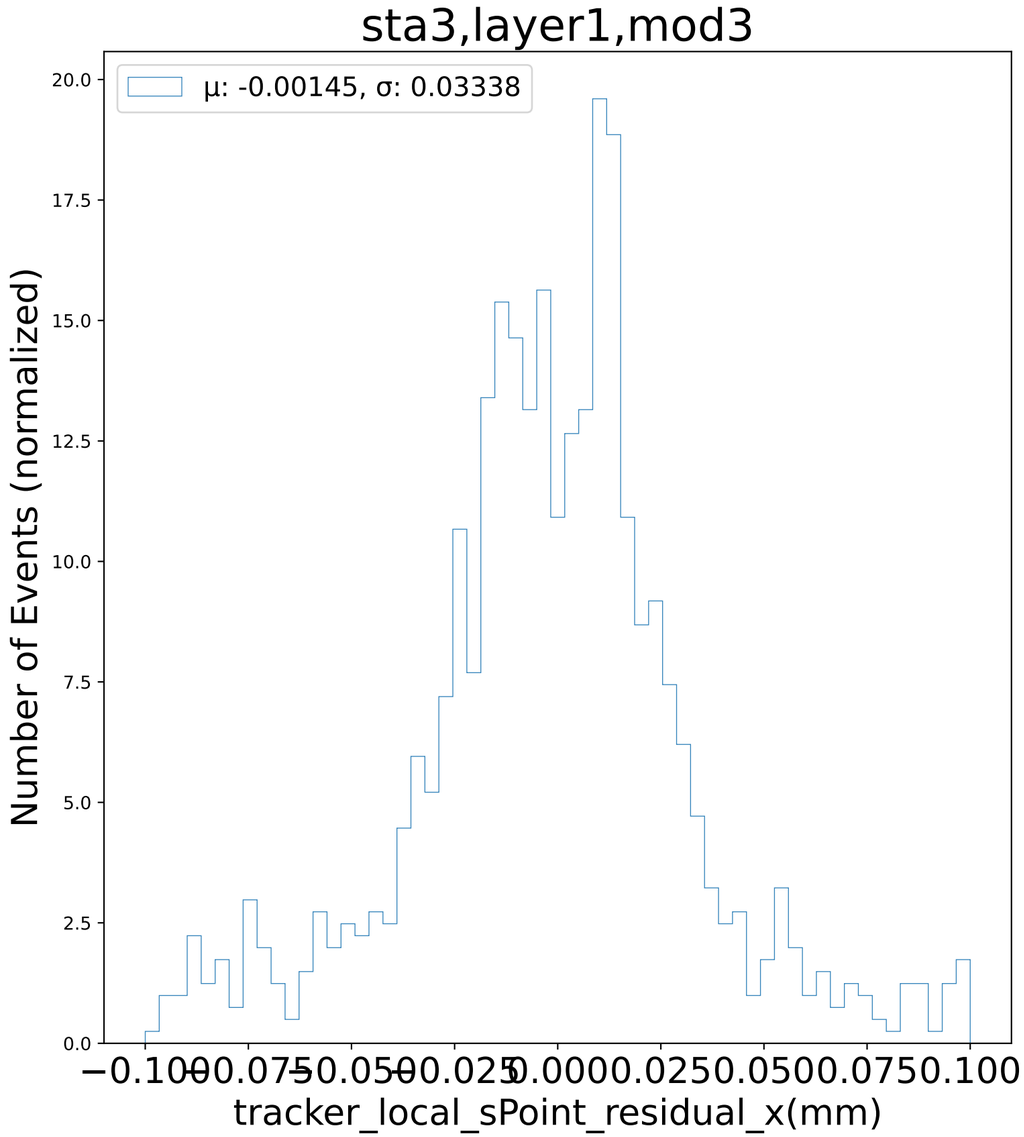

sta3,layer1,mod0
μ: -0.02791, σ: 0.7584
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

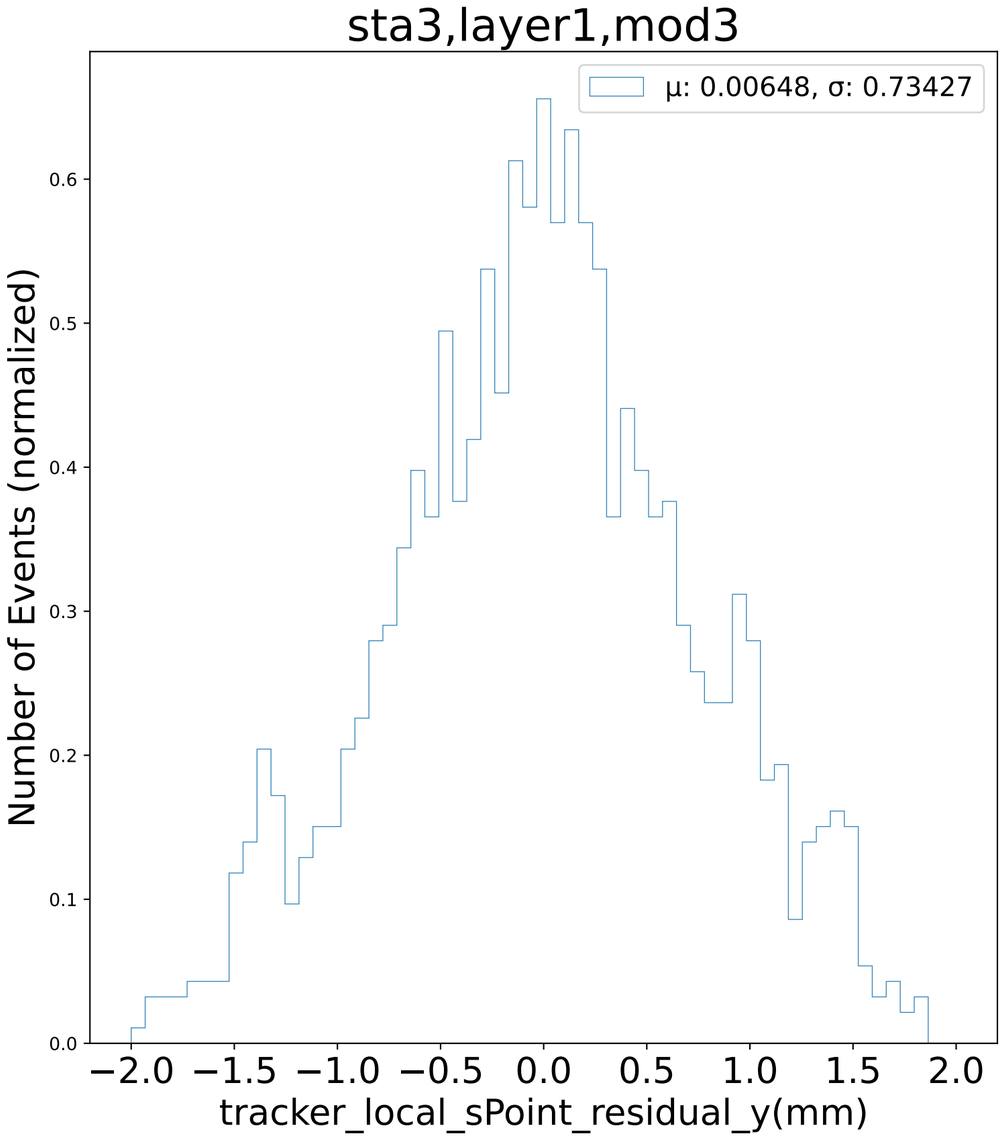

sta3,layer1,mod1
μ: -0.0014, σ: 0.03356
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

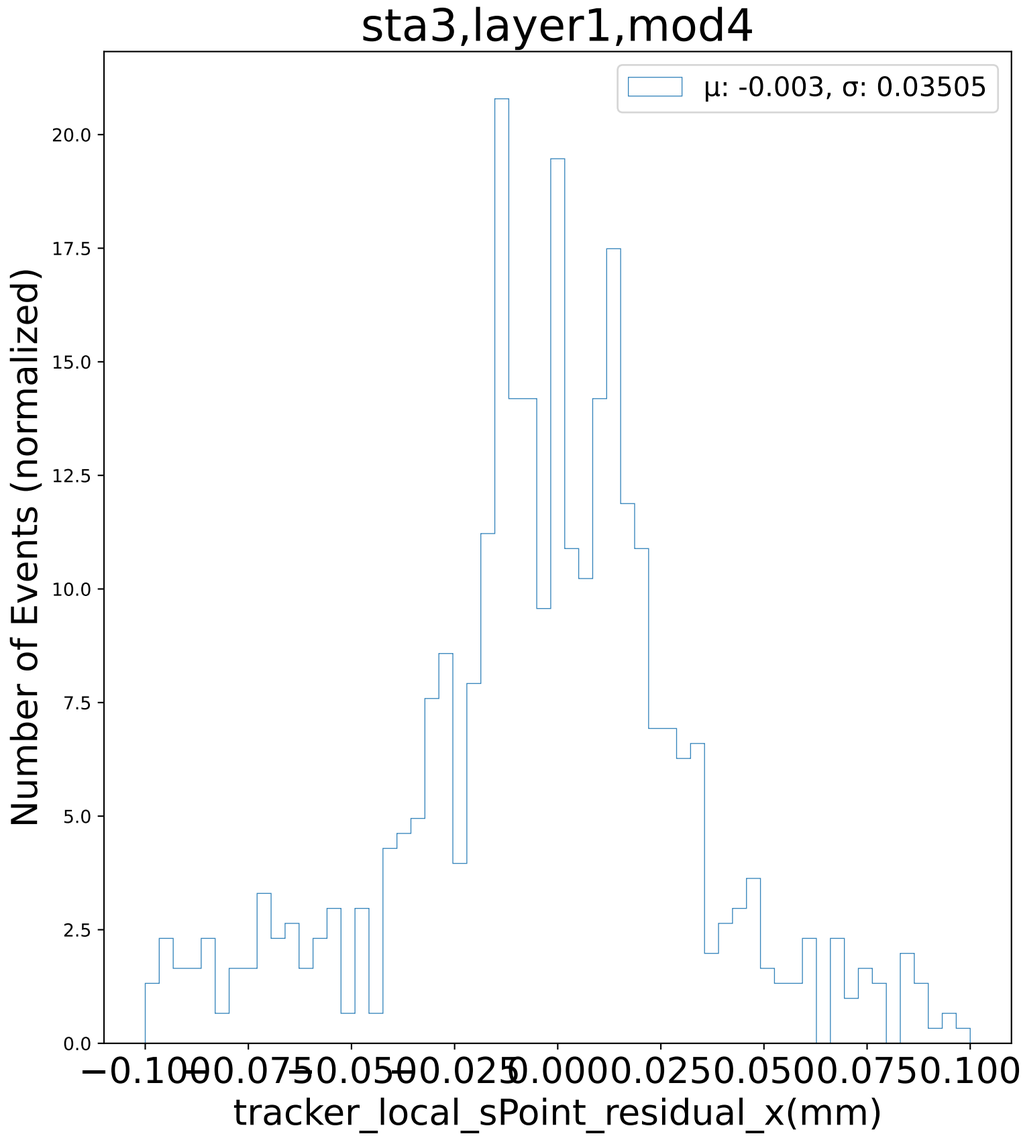

sta3,layer1,mod1
μ: -0.02767, σ: 0.7405
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

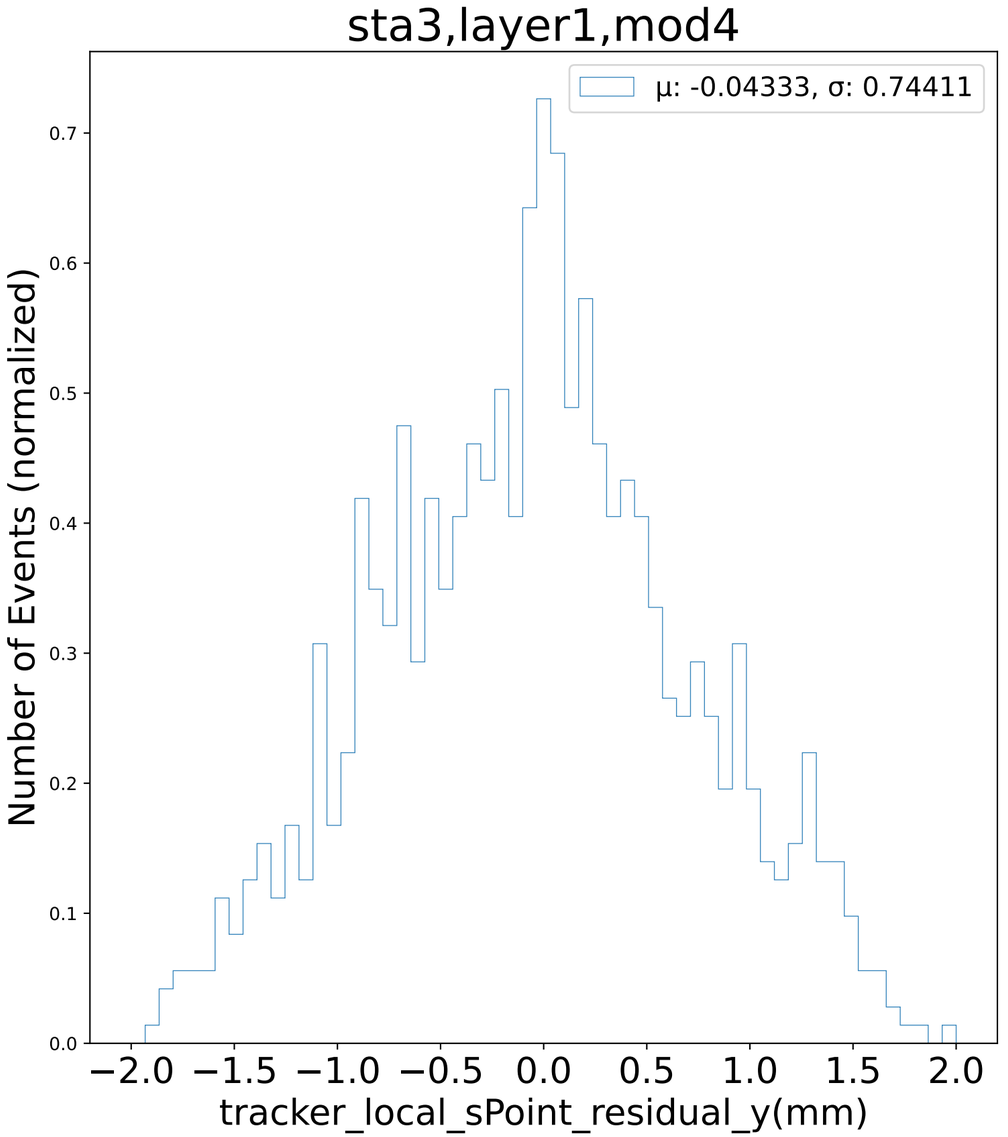

sta3,layer1,mod2
μ: -0.00204, σ: 0.03347
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

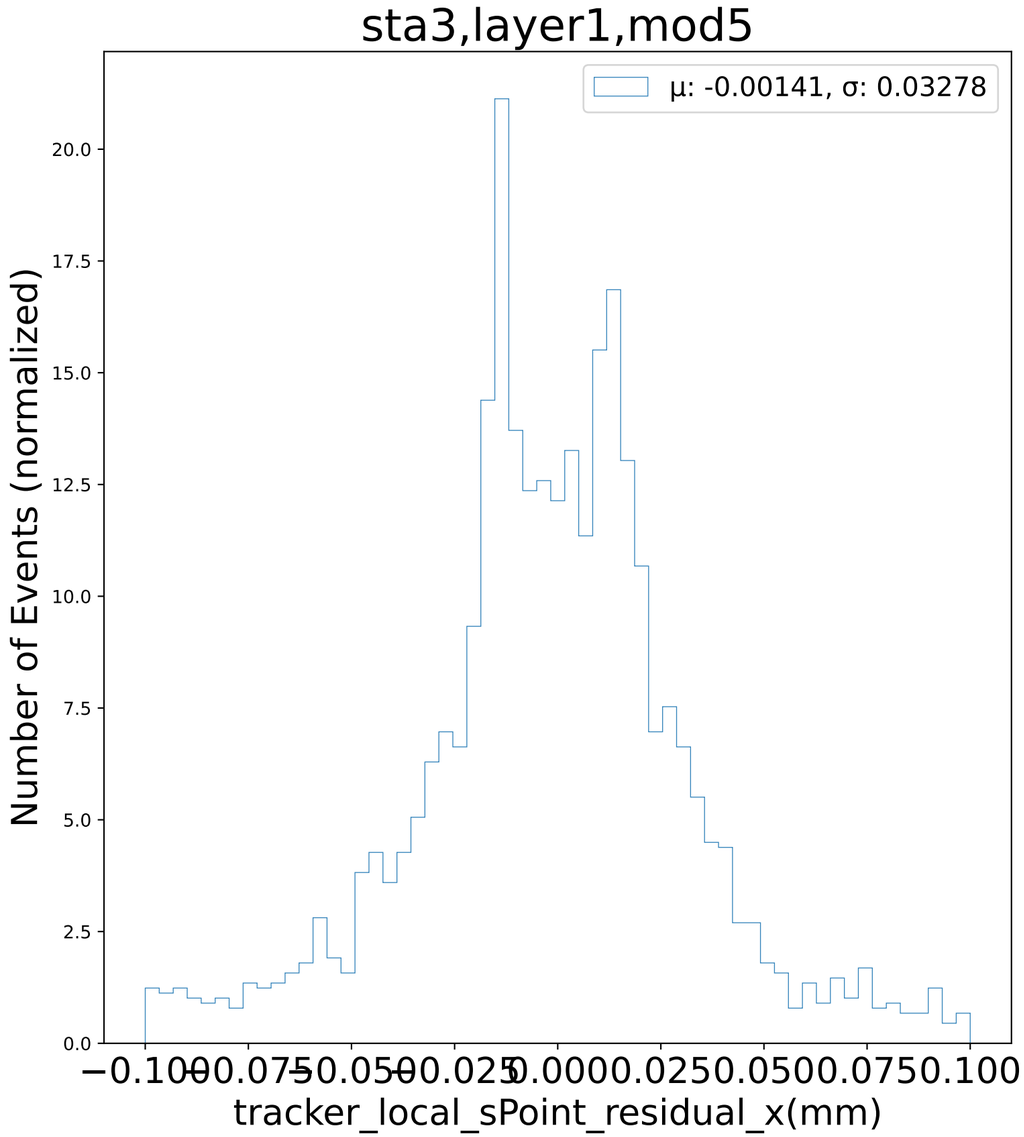

sta3,layer1,mod2
μ: -0.01039, σ: 0.7456
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

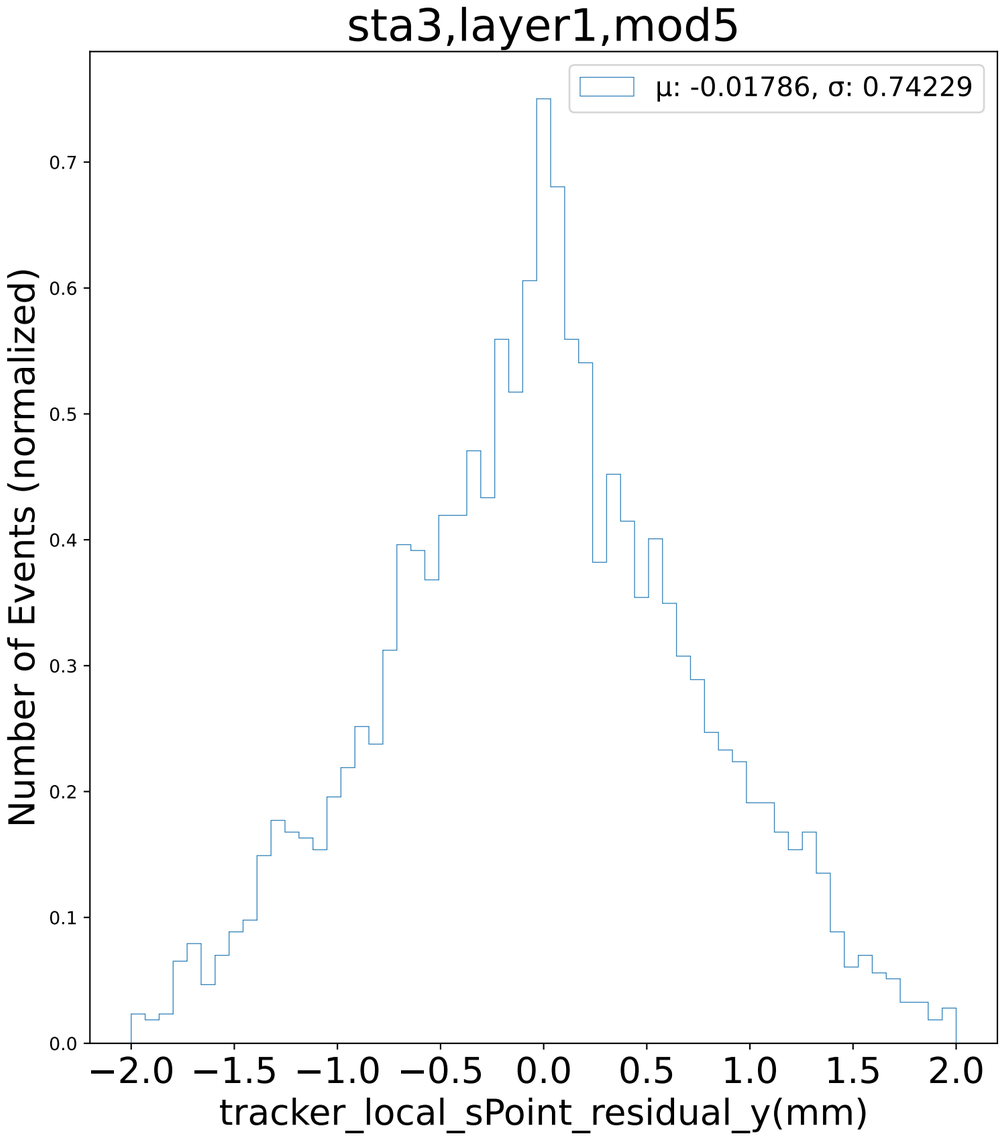

sta3,layer1,mod3
μ: -0.00145, σ: 0.03338
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

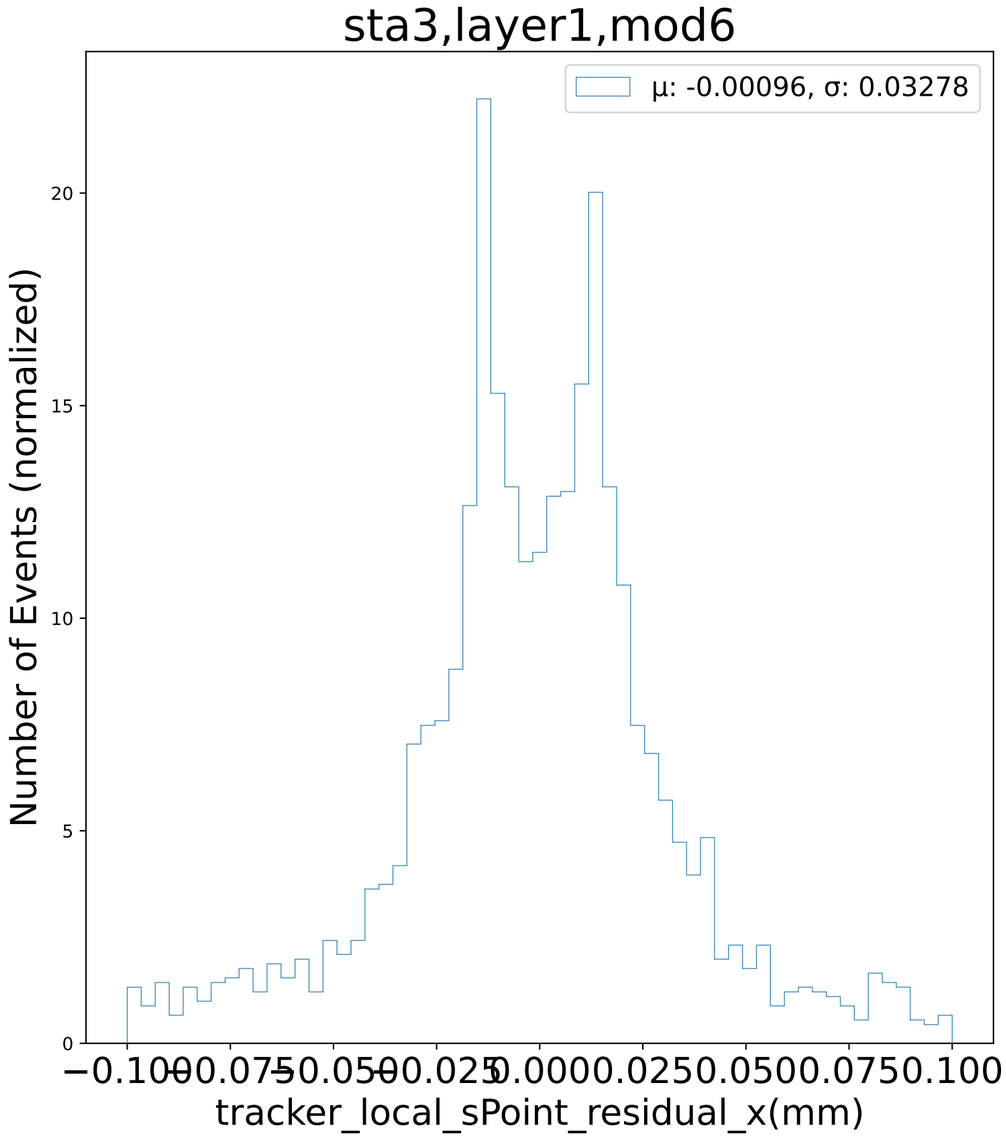

sta3,layer1,mod3
μ: 0.00648, σ: 0.73427
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

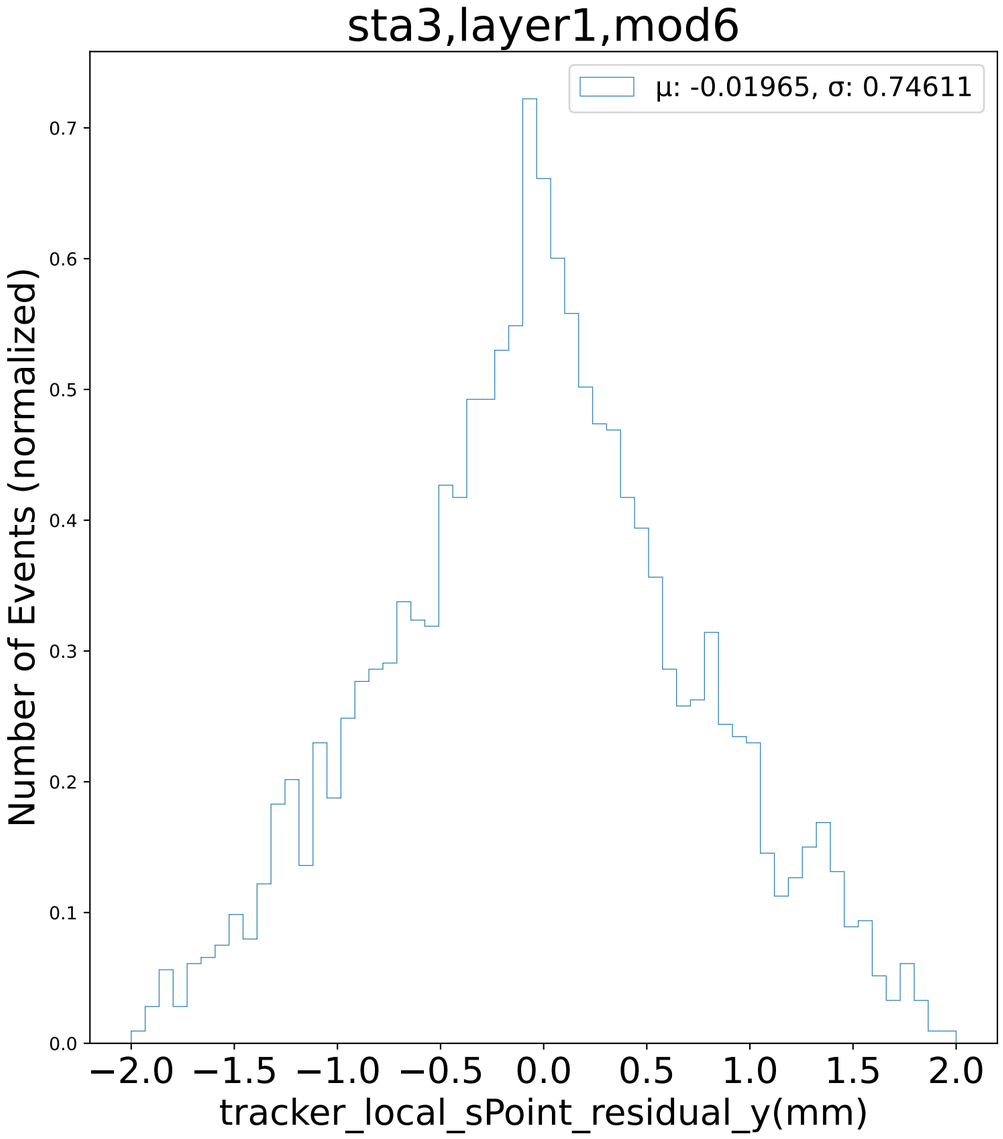

sta3,layer1,mod4
μ: -0.003, σ: 0.03505
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

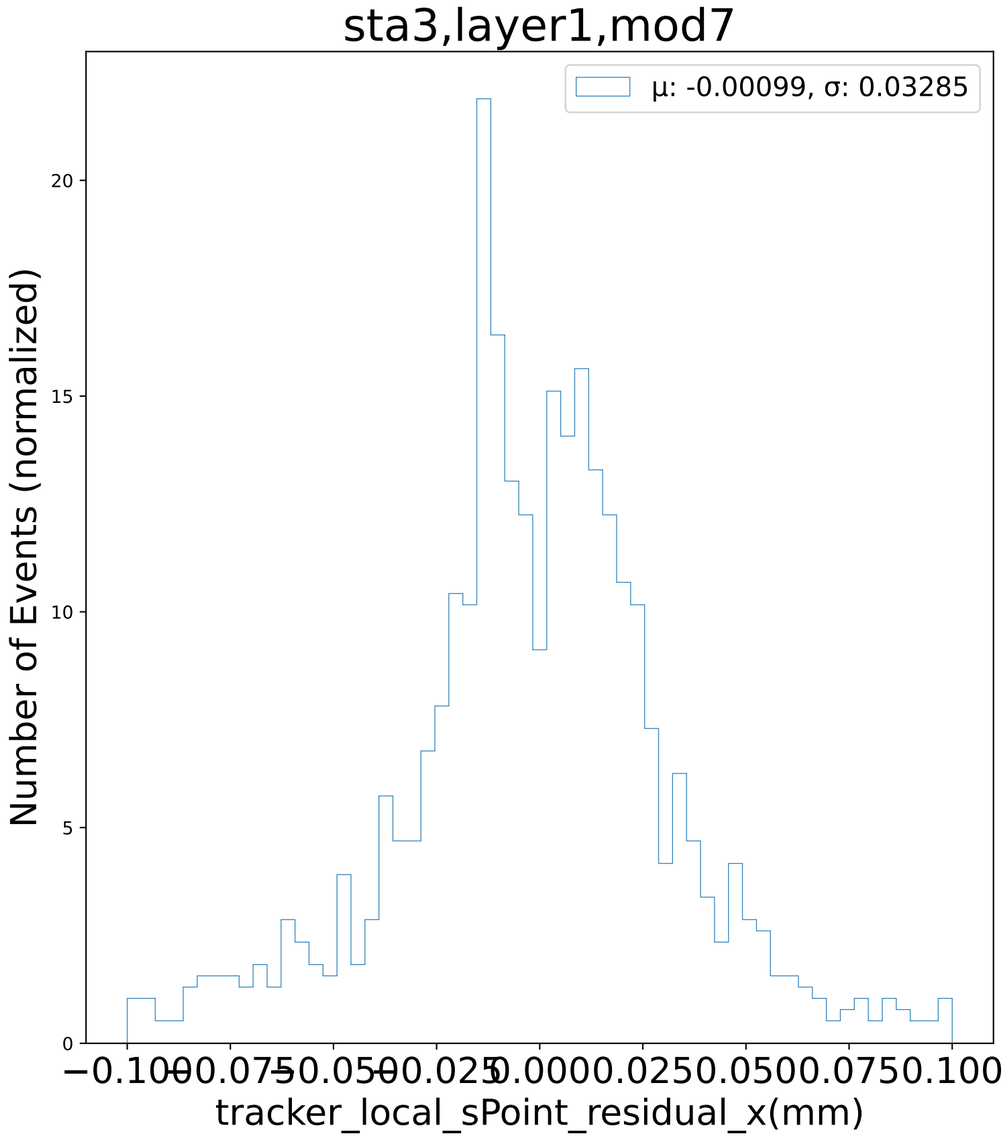

sta3,layer1,mod4
μ: -0.04333, σ: 0.74411
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

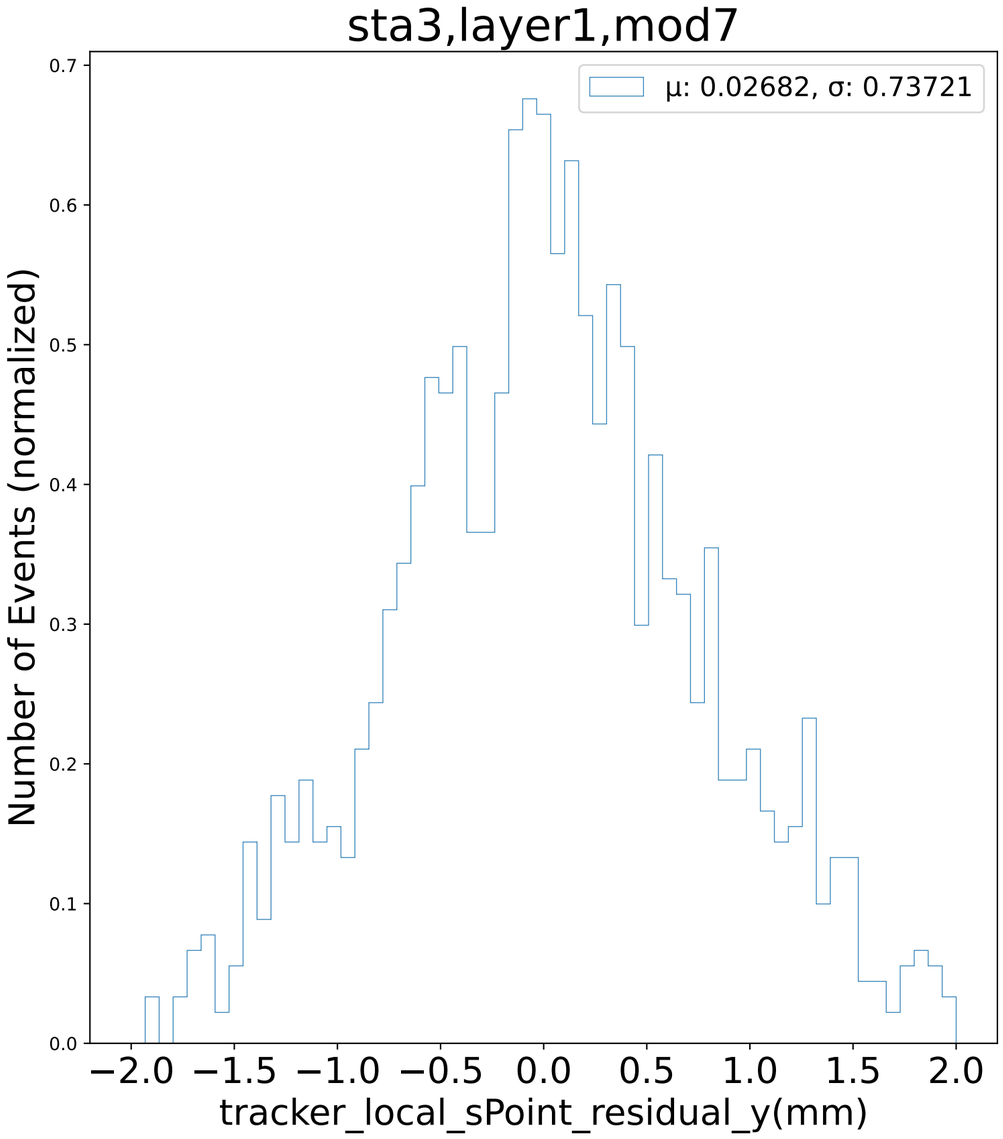

sta3,layer1,mod5
μ: -0.00141, σ: 0.03278
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

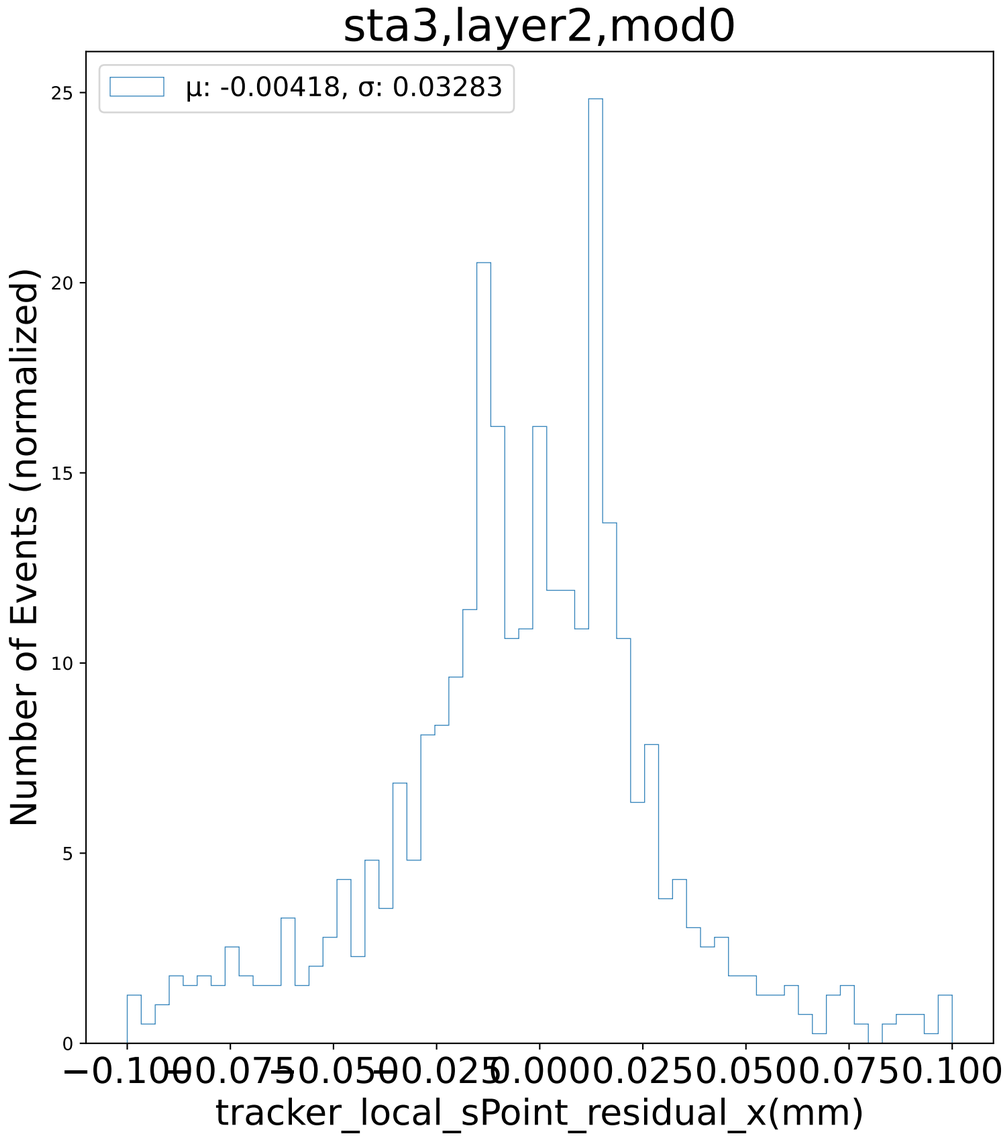

sta3,layer1,mod5
μ: -0.01786, σ: 0.74229
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

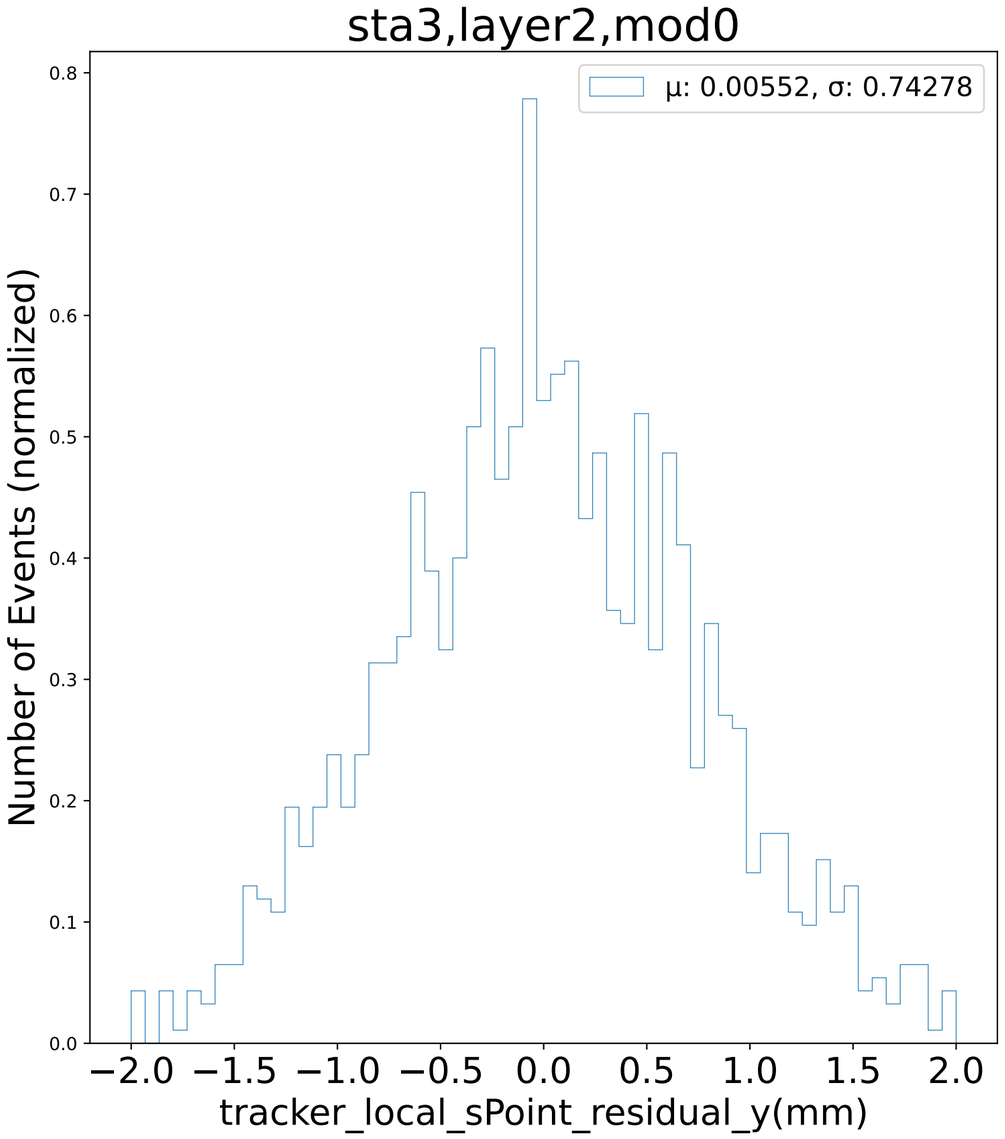

sta3,layer1,mod6
μ: -0.00096, σ: 0.03278
Number of Events (normalized)
0
5
10
15
20
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
tracker_local_sPoint_residual_x(mm)

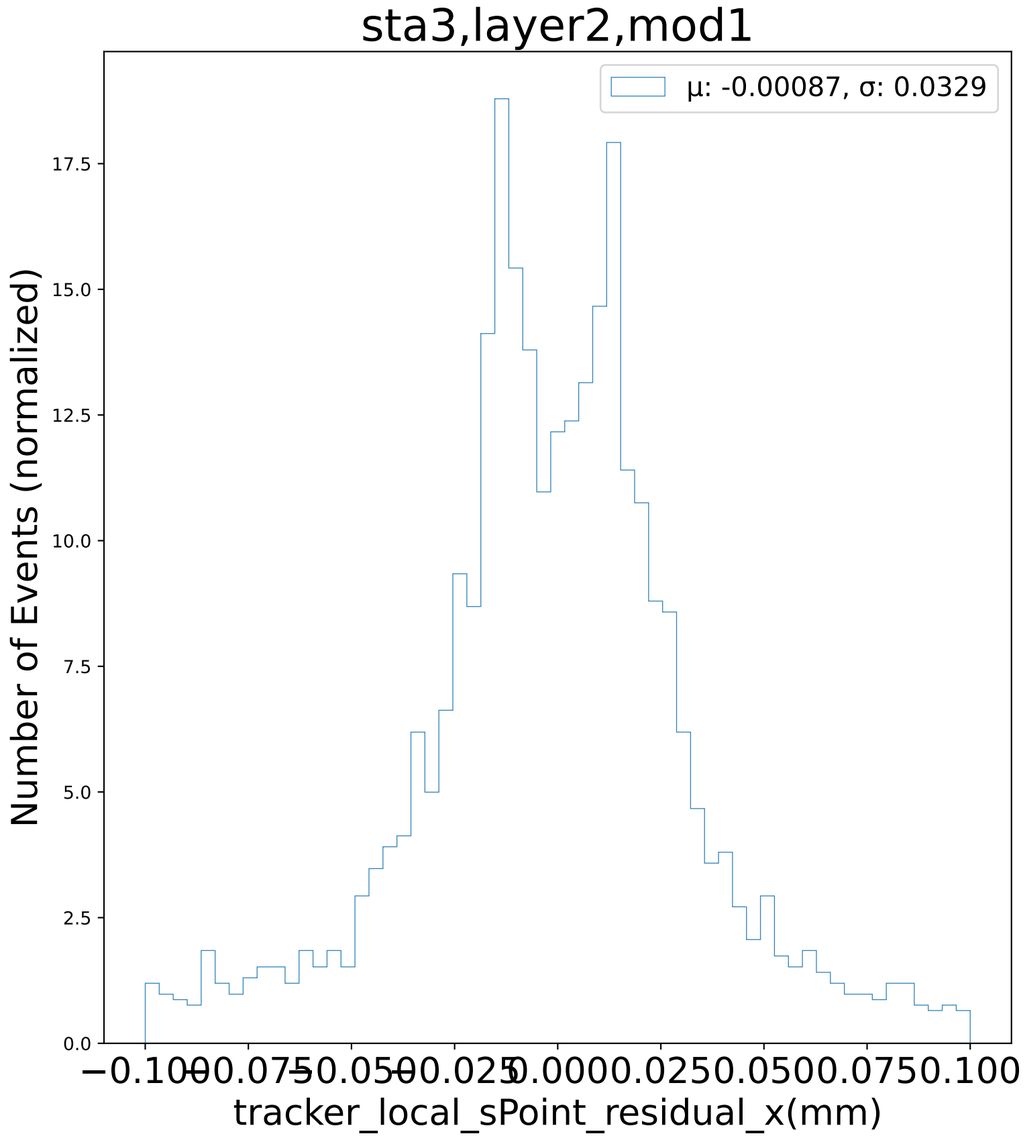

sta3,layer1,mod6
μ: -0.01965, σ: 0.74611
Number of Events (normalized)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0
tracker_local_sPoint_residual_y(mm)

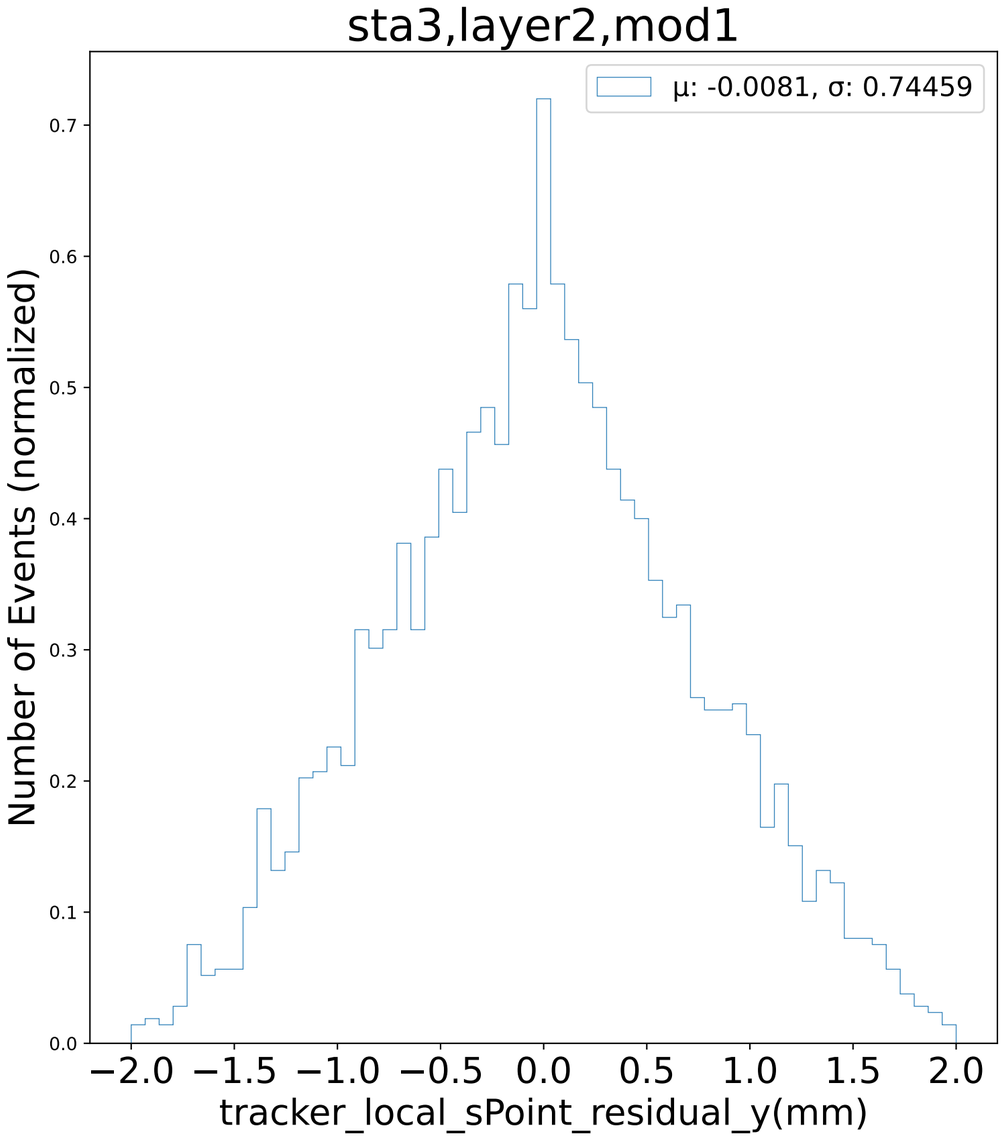

sta3,layer1,mod7
μ: -0.00099, σ: 0.03285
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

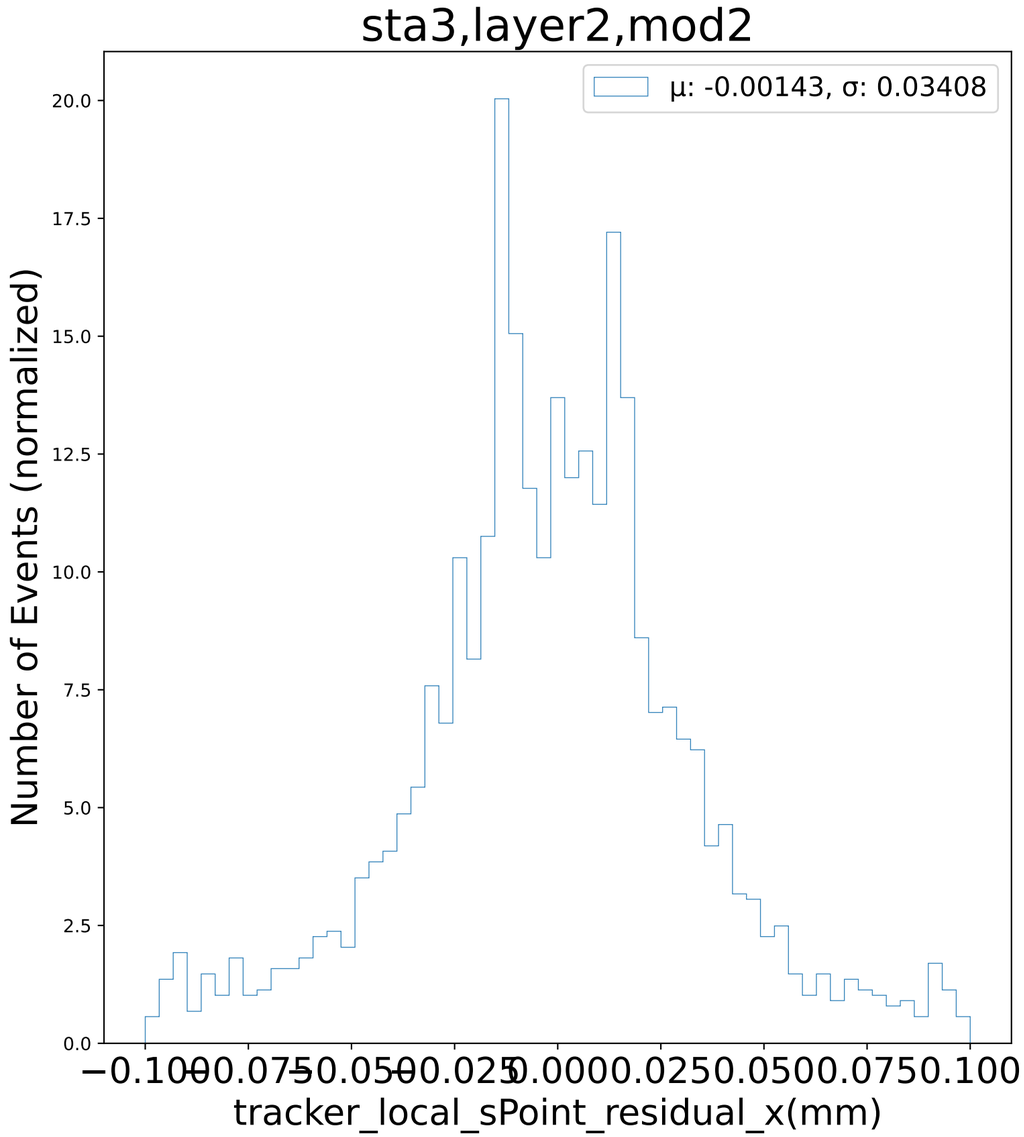

sta3,layer1,mod7
μ: 0.02682, σ: 0.73721
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

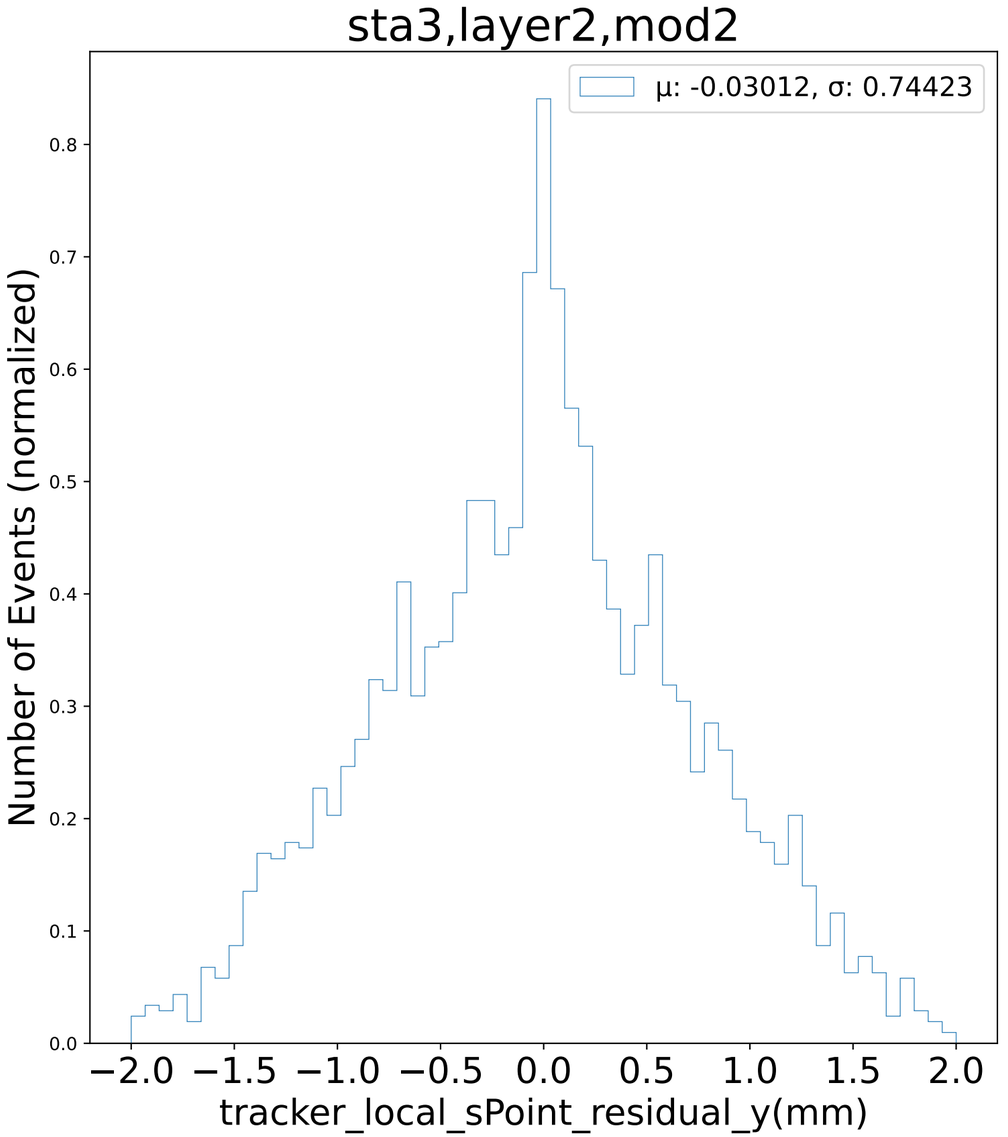

sta3,layer2,mod0
μ: -0.00418, σ: 0.03283
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

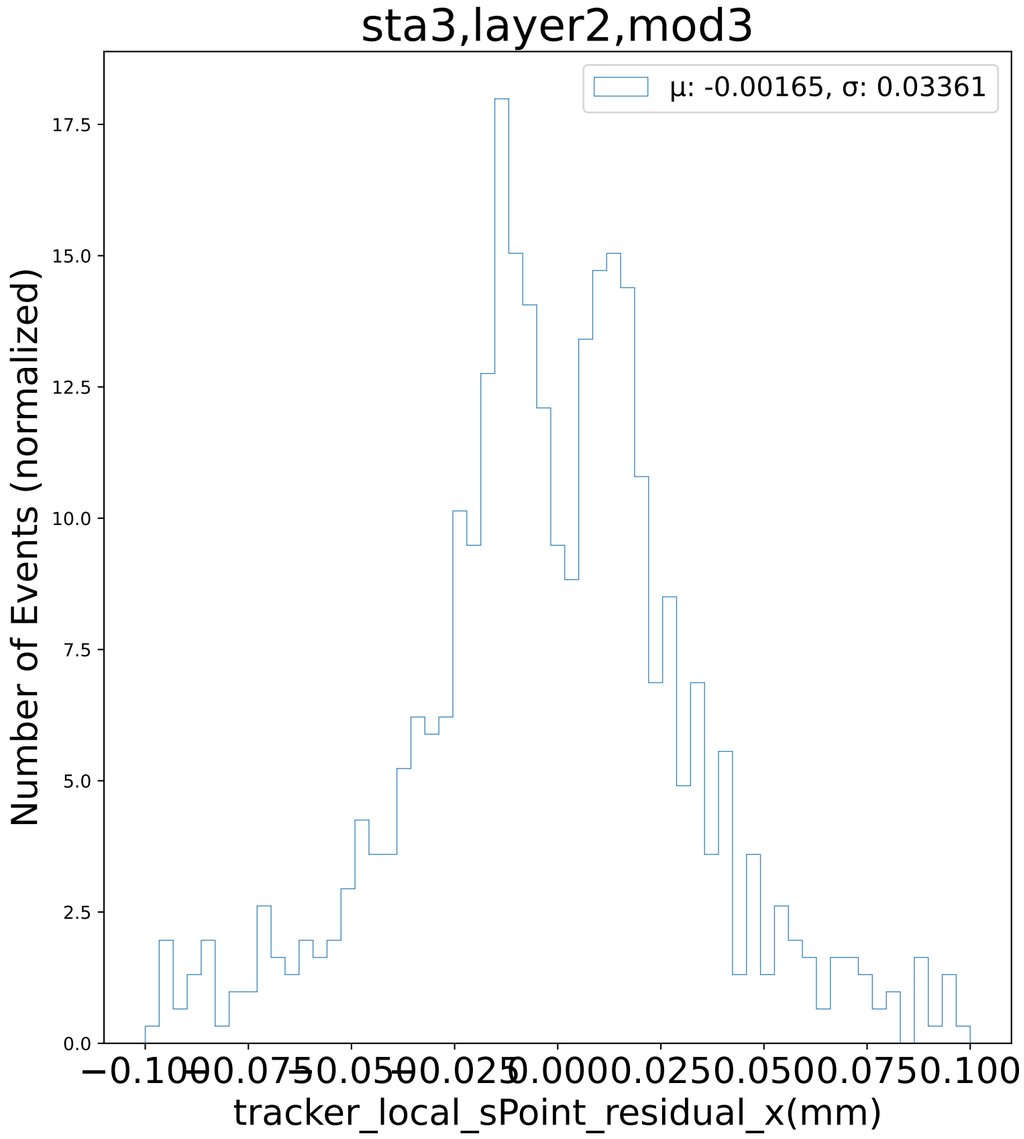

sta3,layer2,mod0
μ: 0.00552, σ: 0.74278
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

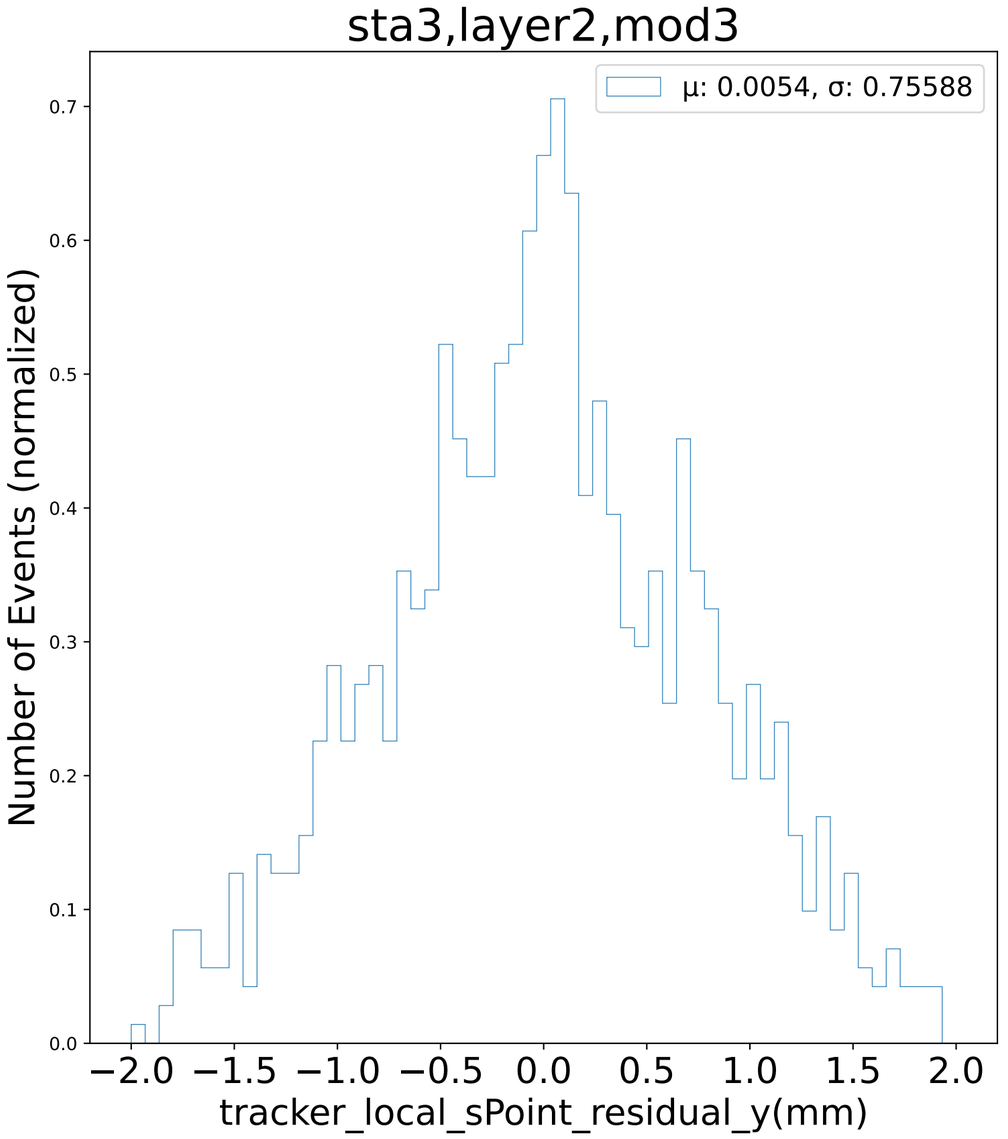

sta3,layer2,mod1
μ: -0.00087, σ: 0.0329
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

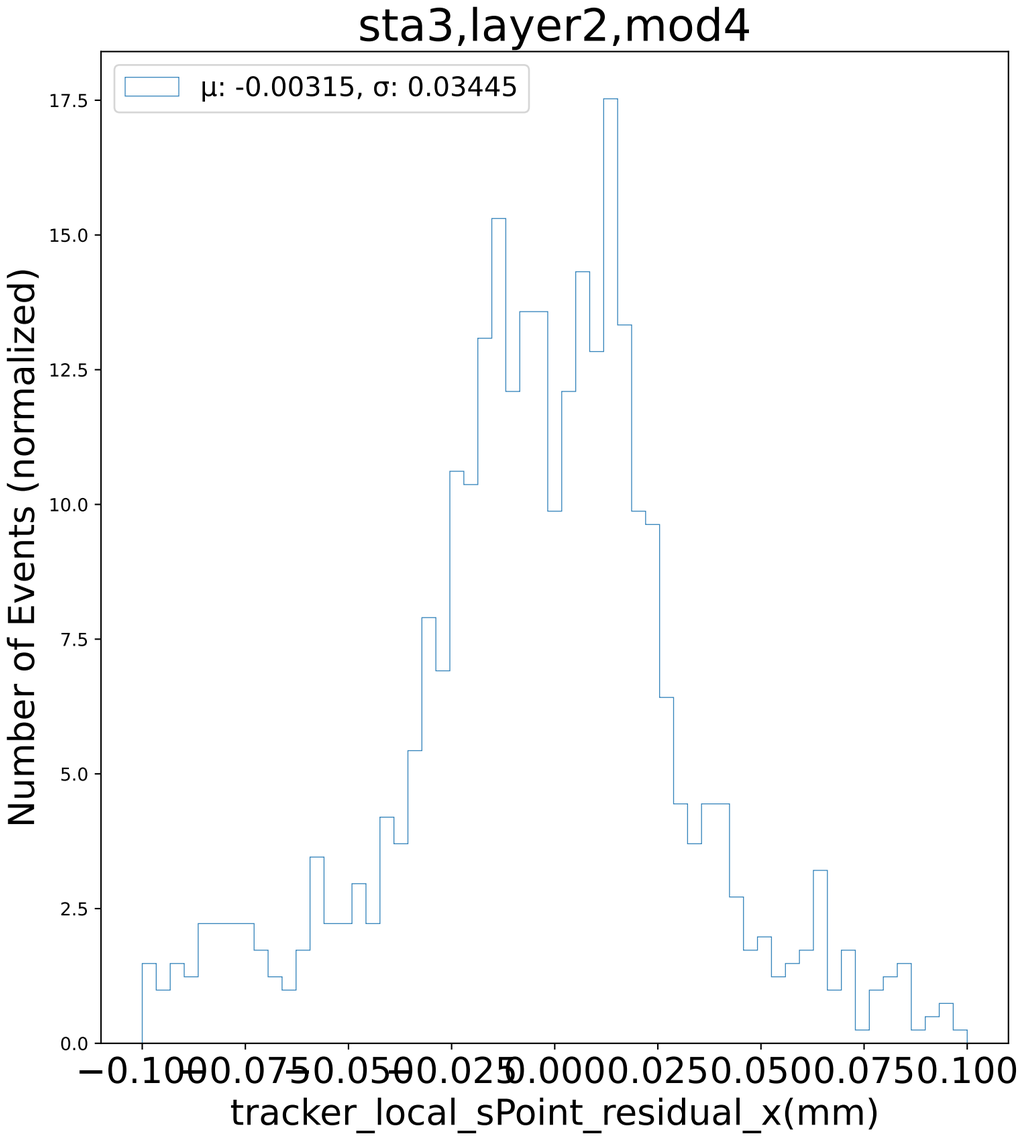

sta3,layer2,mod1
μ: -0.0081, σ: 0.74459
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

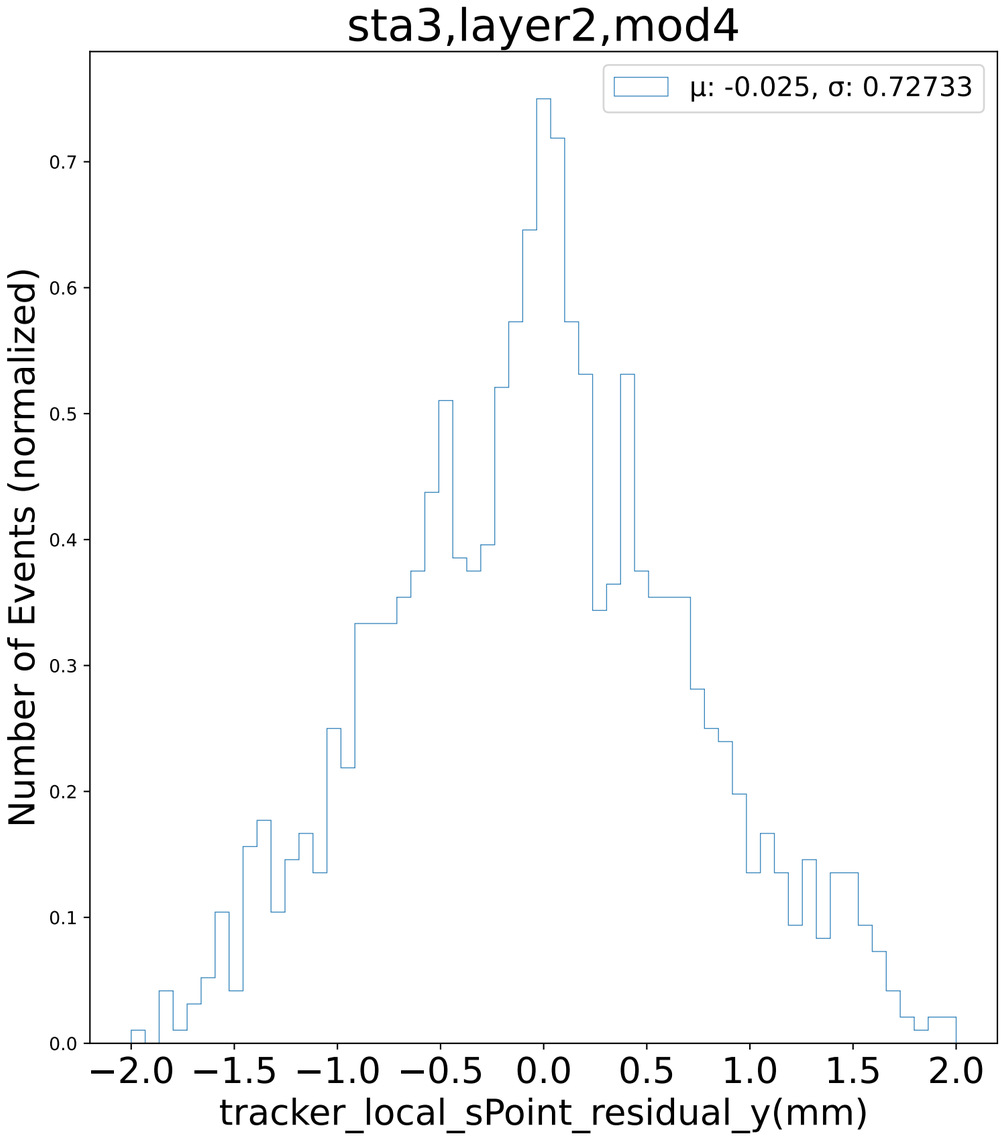

sta3,layer2,mod2
μ: -0.00143, σ: 0.03408
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

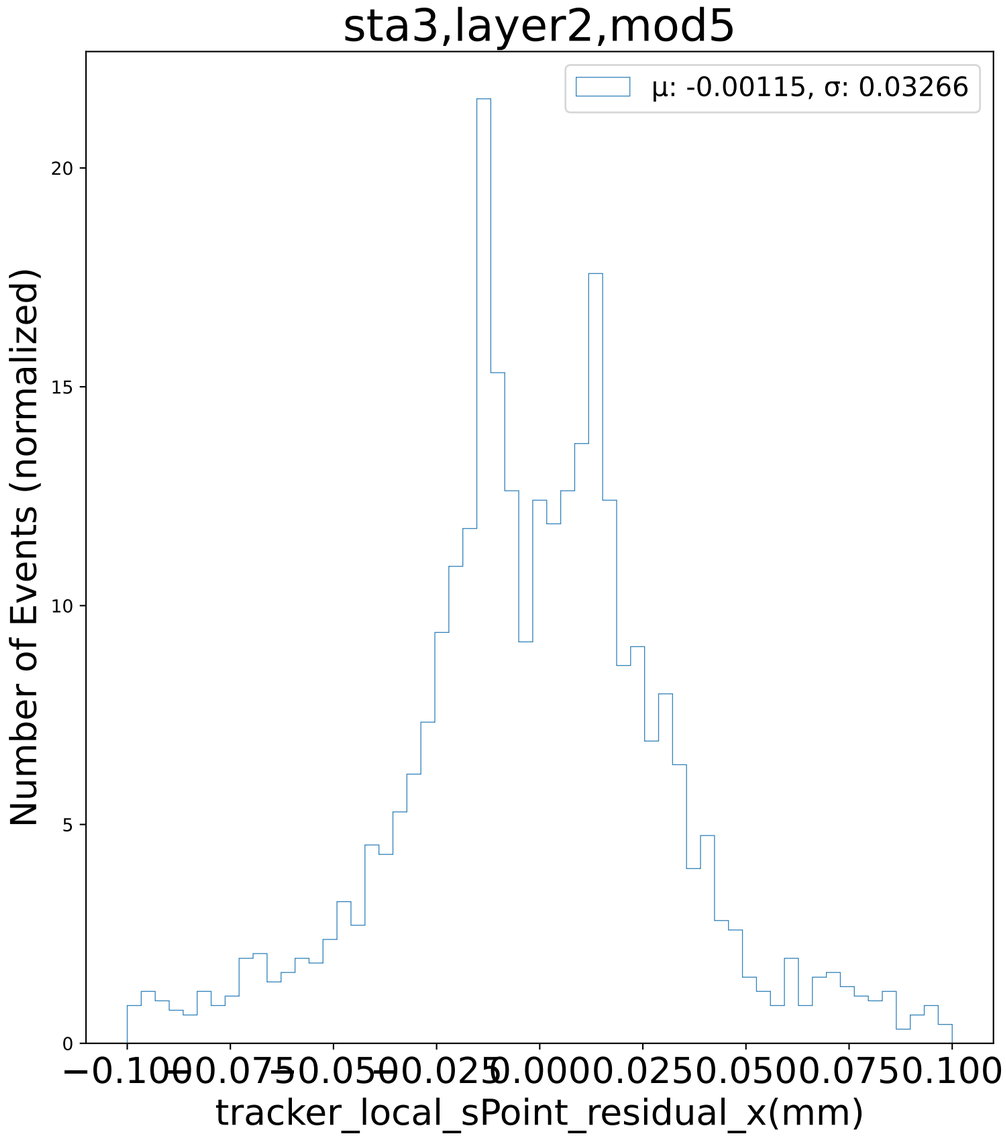

sta3,layer2,mod2
μ: -0.03012, σ: 0.74423
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

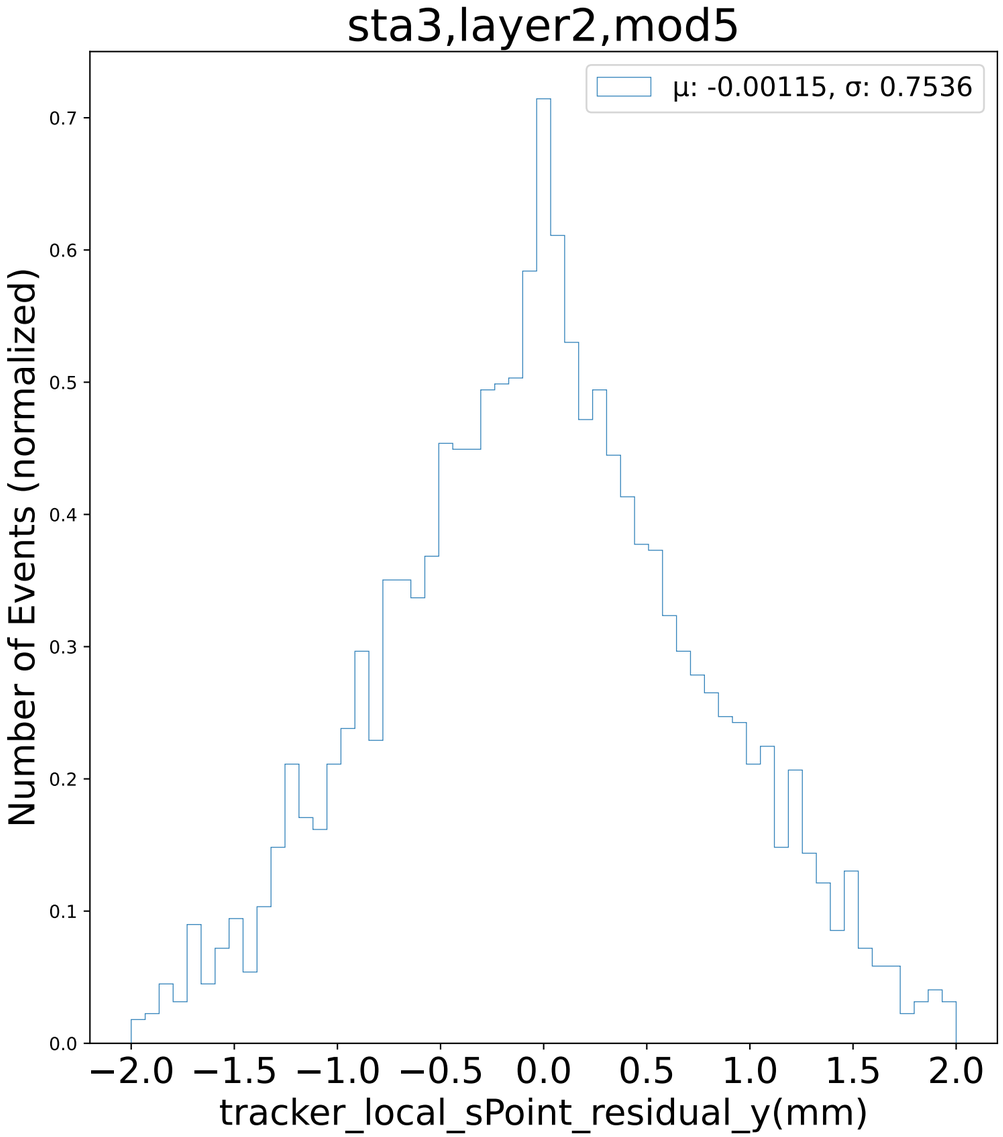

sta3,layer2,mod3
μ: -0.00165, σ: 0.03361
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

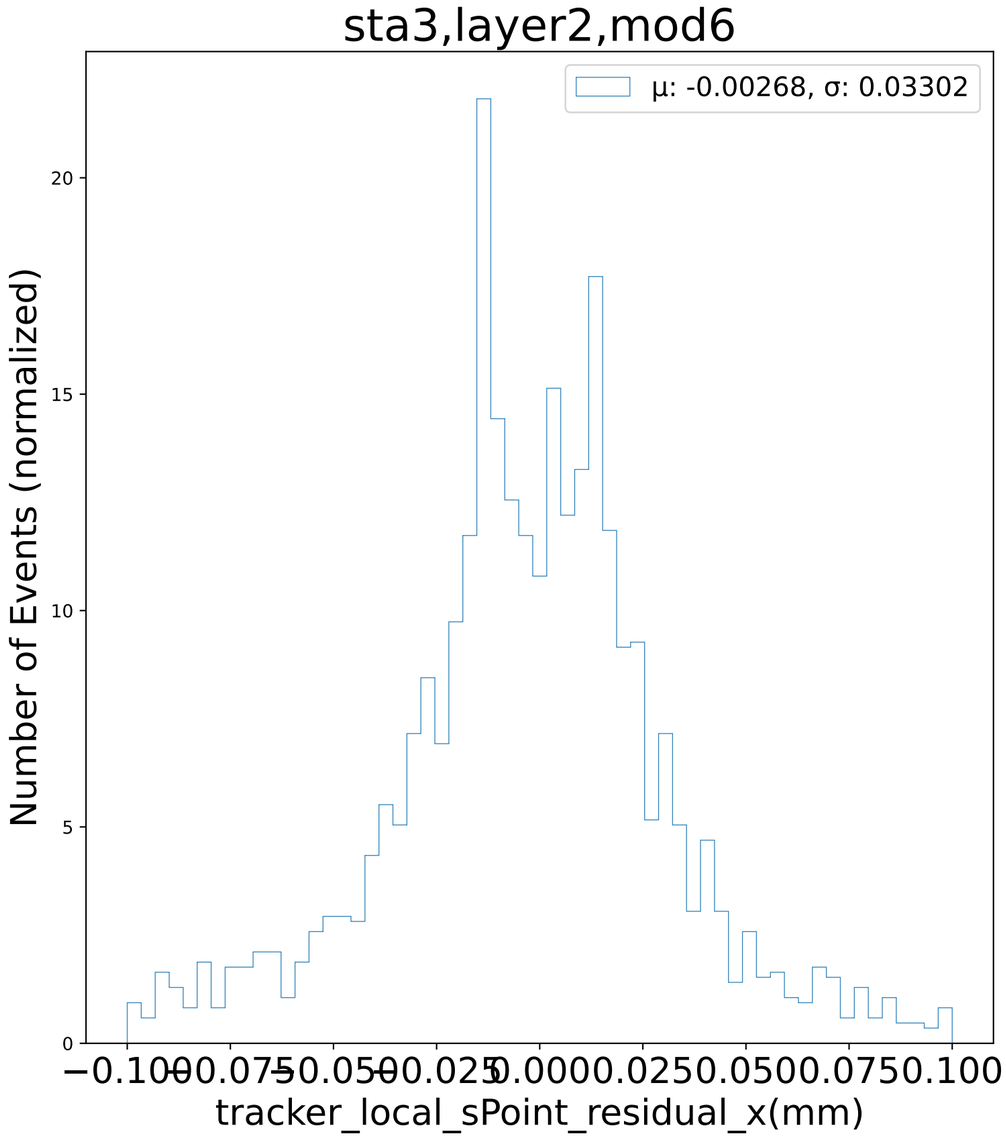

sta3,layer2,mod3
μ: 0.0054, σ: 0.75588
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

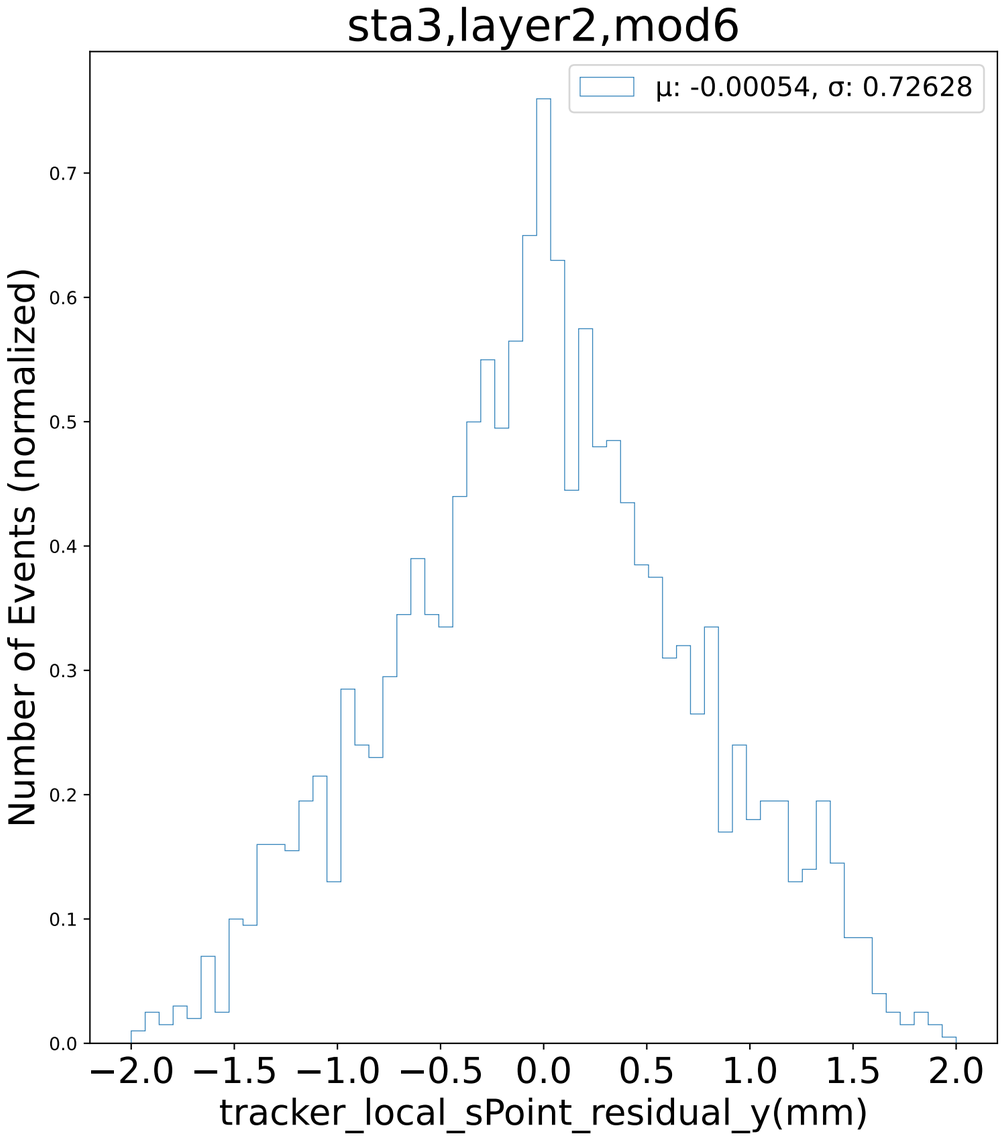

sta3,layer2,mod4
μ: -0.00315, σ: 0.03445
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

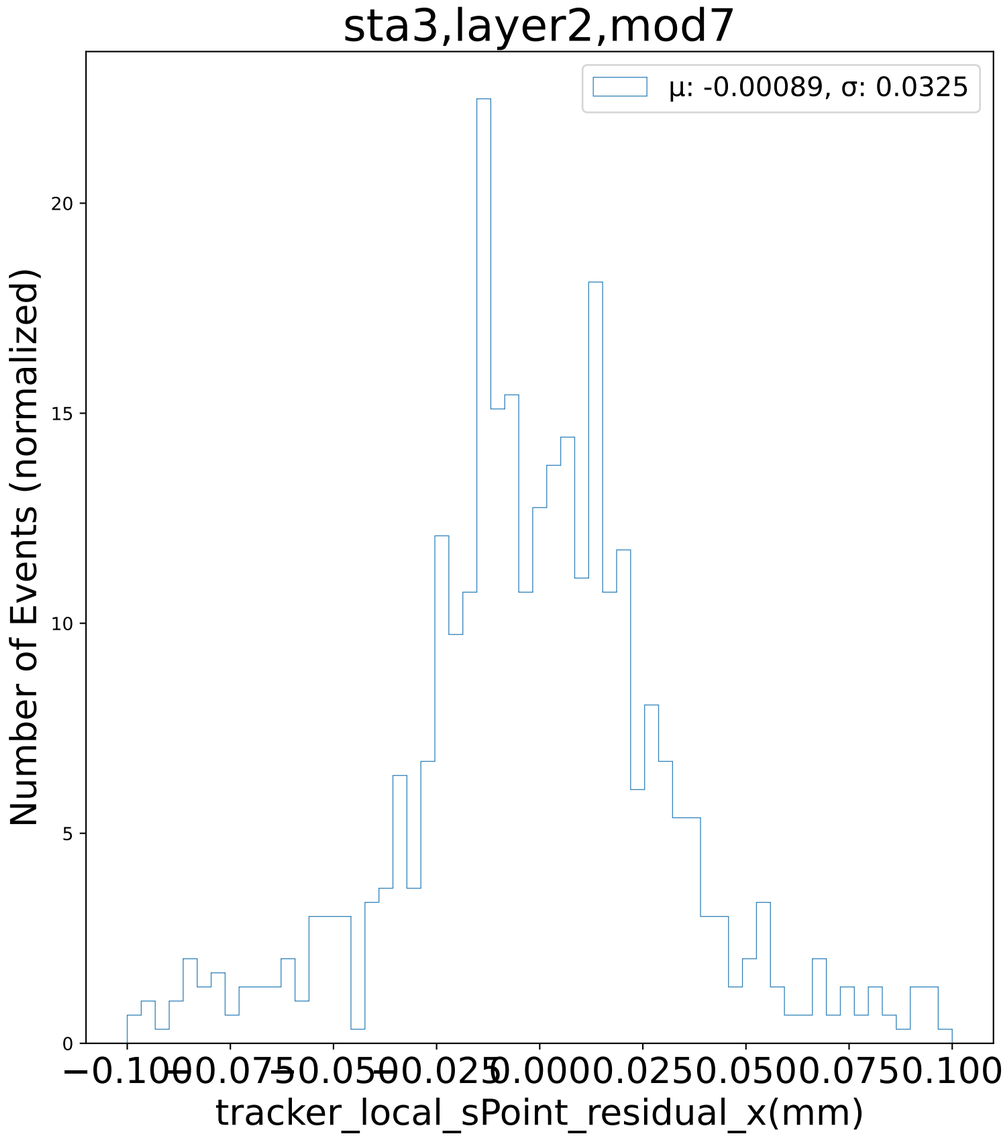

sta3,layer2,mod4
μ: -0.025, σ: 0.72733
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

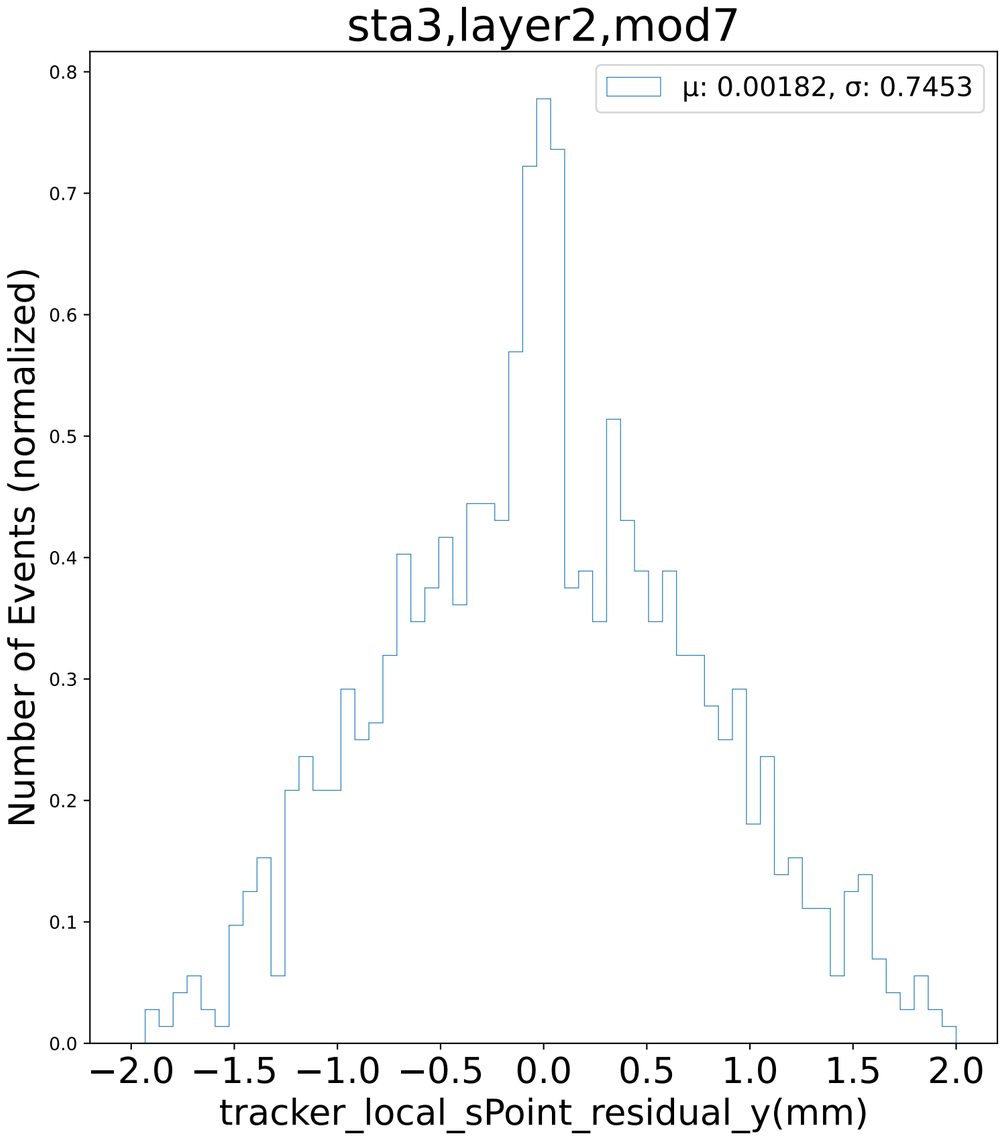

sta3,layer2,mod5
μ: -0.00115, σ: 0.03266
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

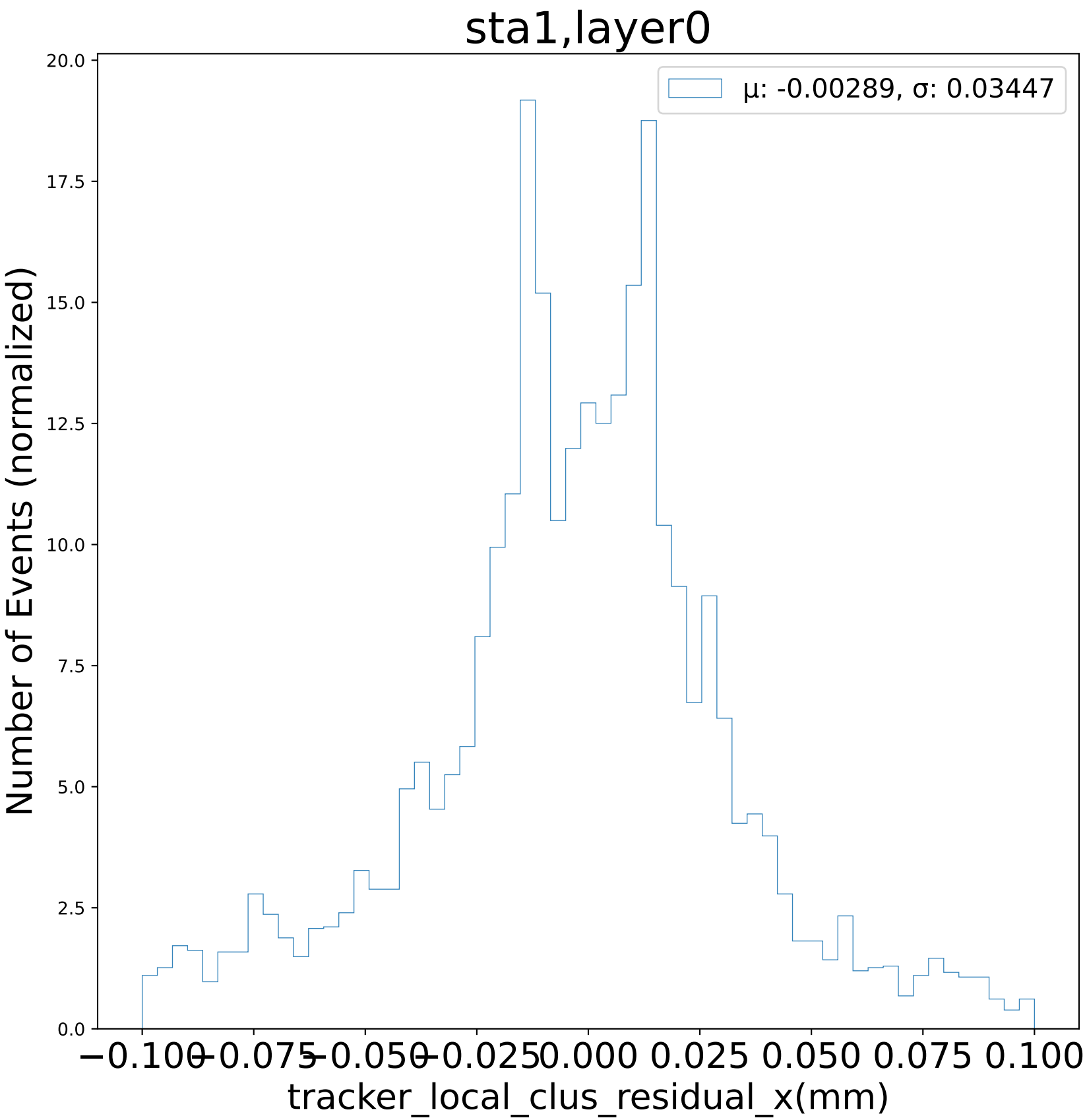

sta3,layer2,mod5
μ: -0.00115, σ: 0.7536
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

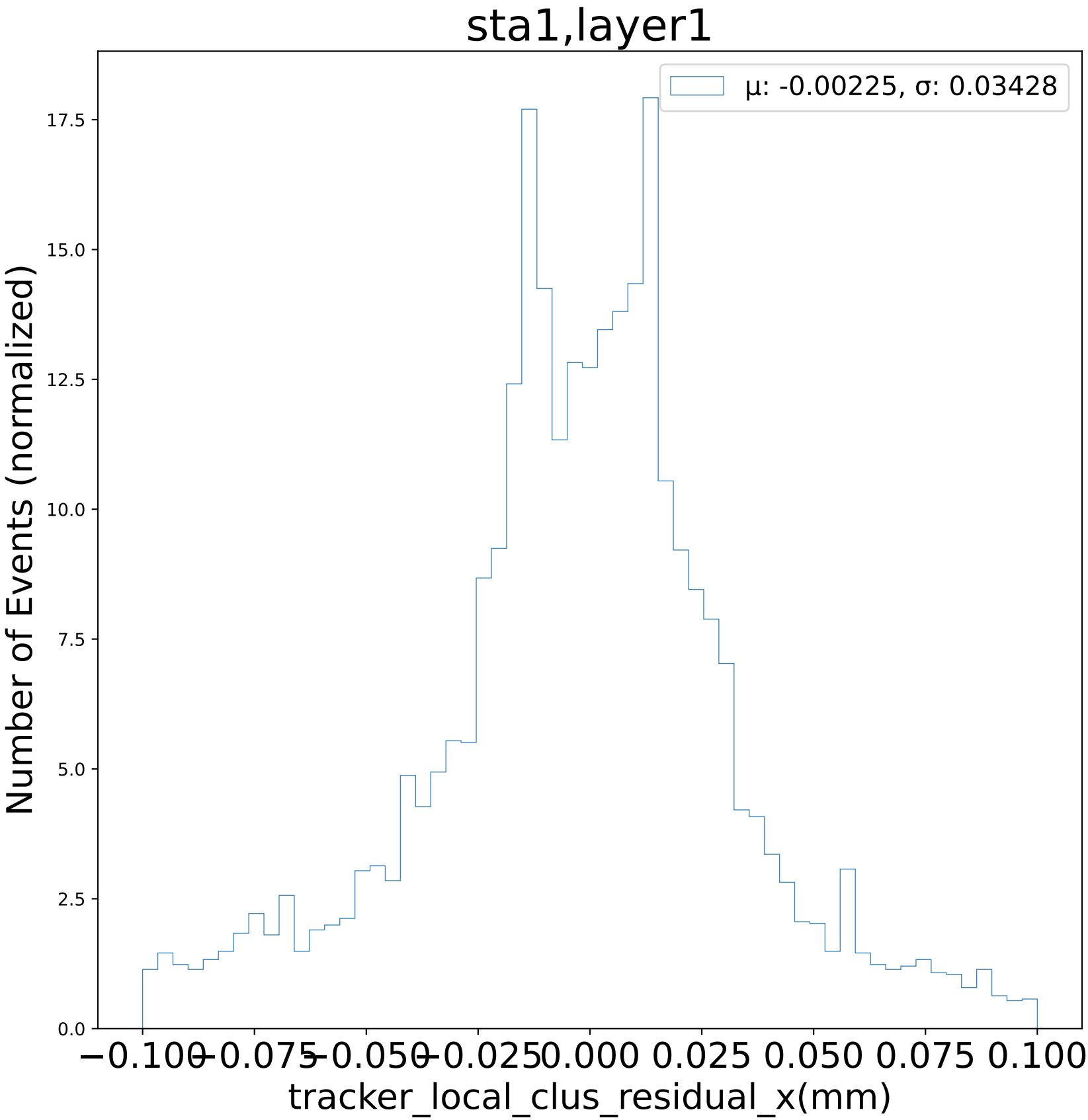

sta3,layer2,mod6
μ: -0.00268, σ: 0.03302
Number of Events (normalized)
tracker_local_sPoint_residual_x(mm)

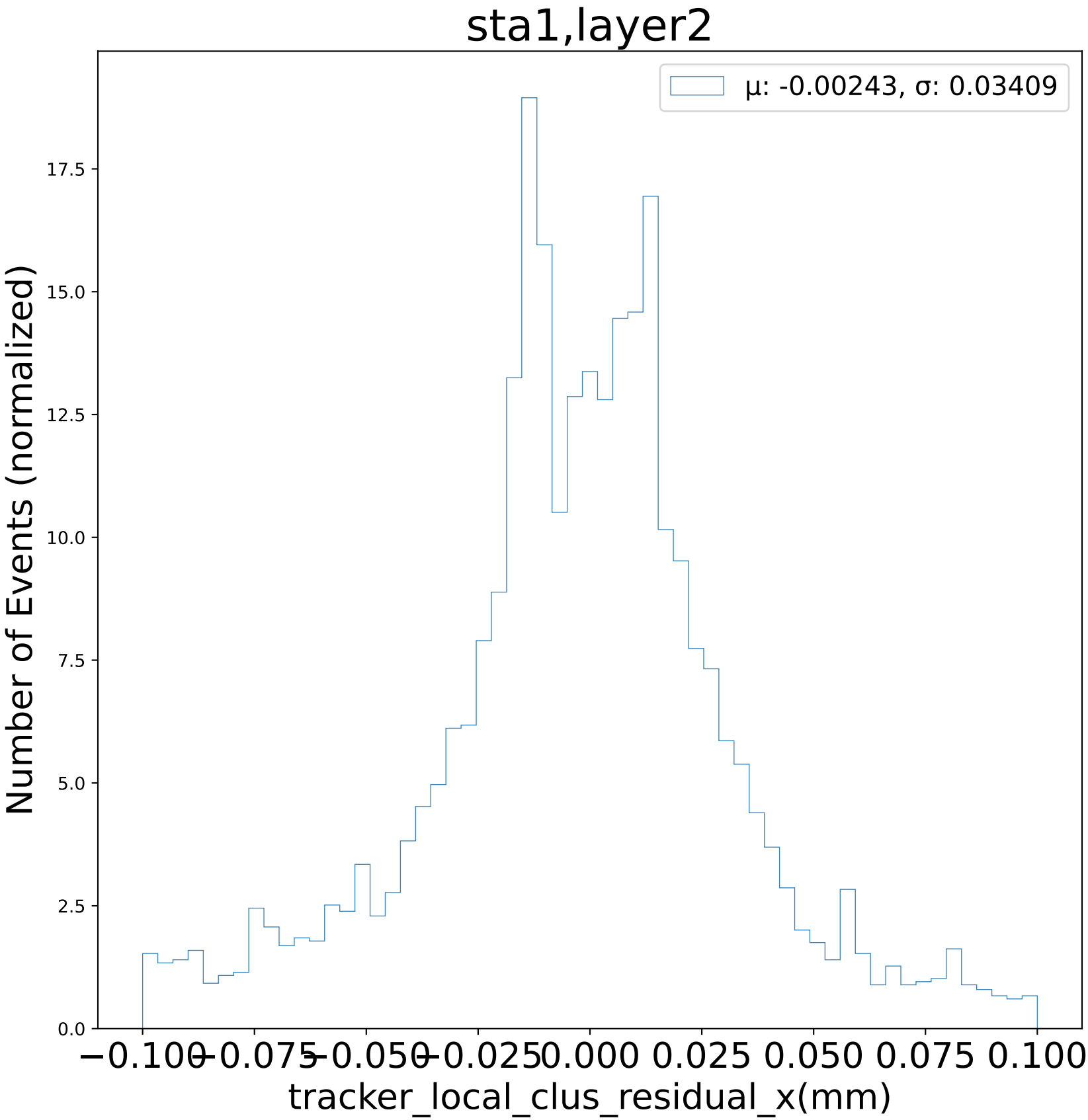

sta3,layer2,mod6
μ: -0.00054, σ: 0.72628
Number of Events (normalized)
tracker_local_sPoint_residual_y(mm)

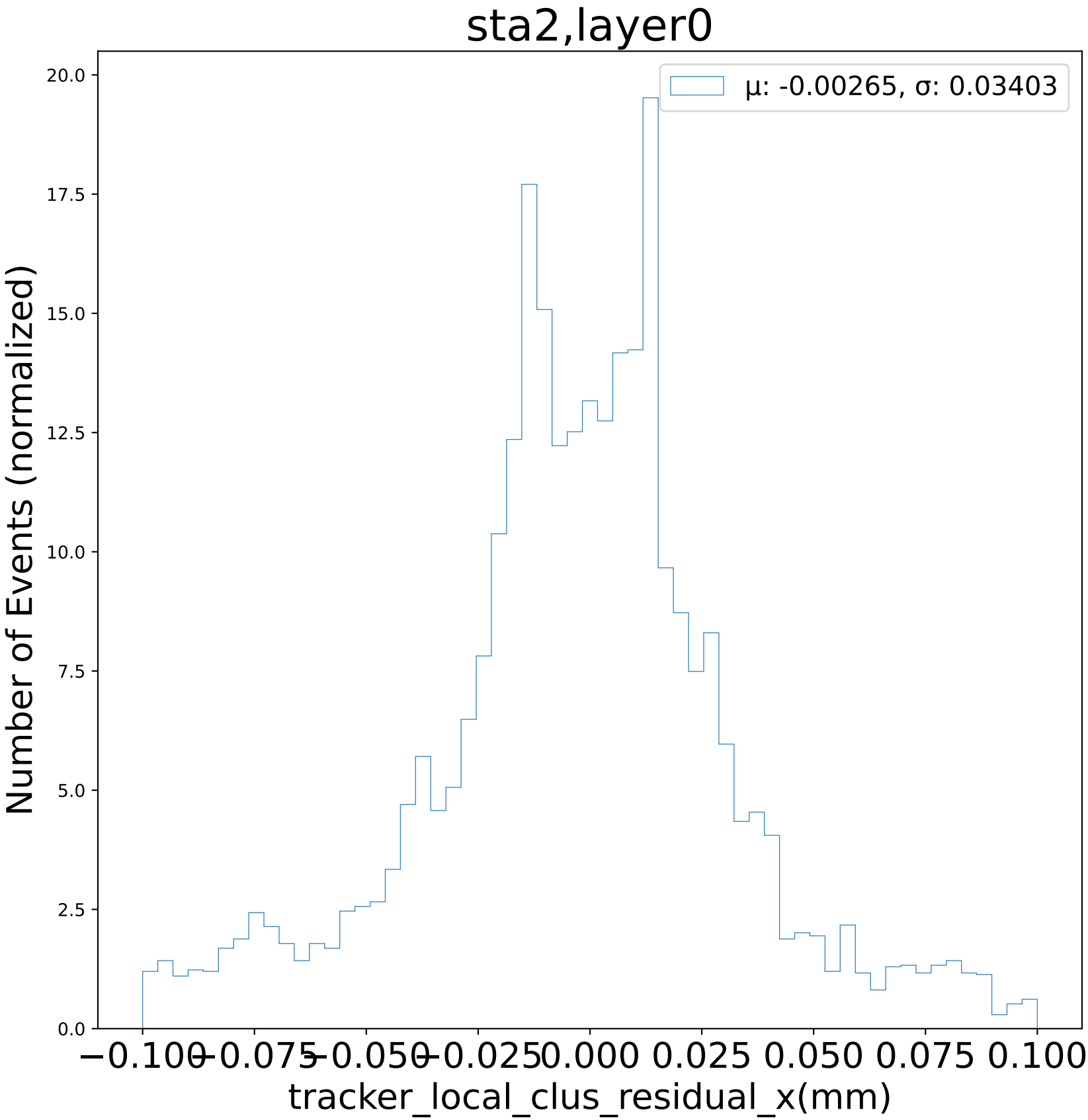

sta3,layer2,mod7
μ: -0.00089, σ: 0.0325
Number of Events (normalized)
0
5
10
15
20
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
tracker_local_sPoint_residual_x(mm)

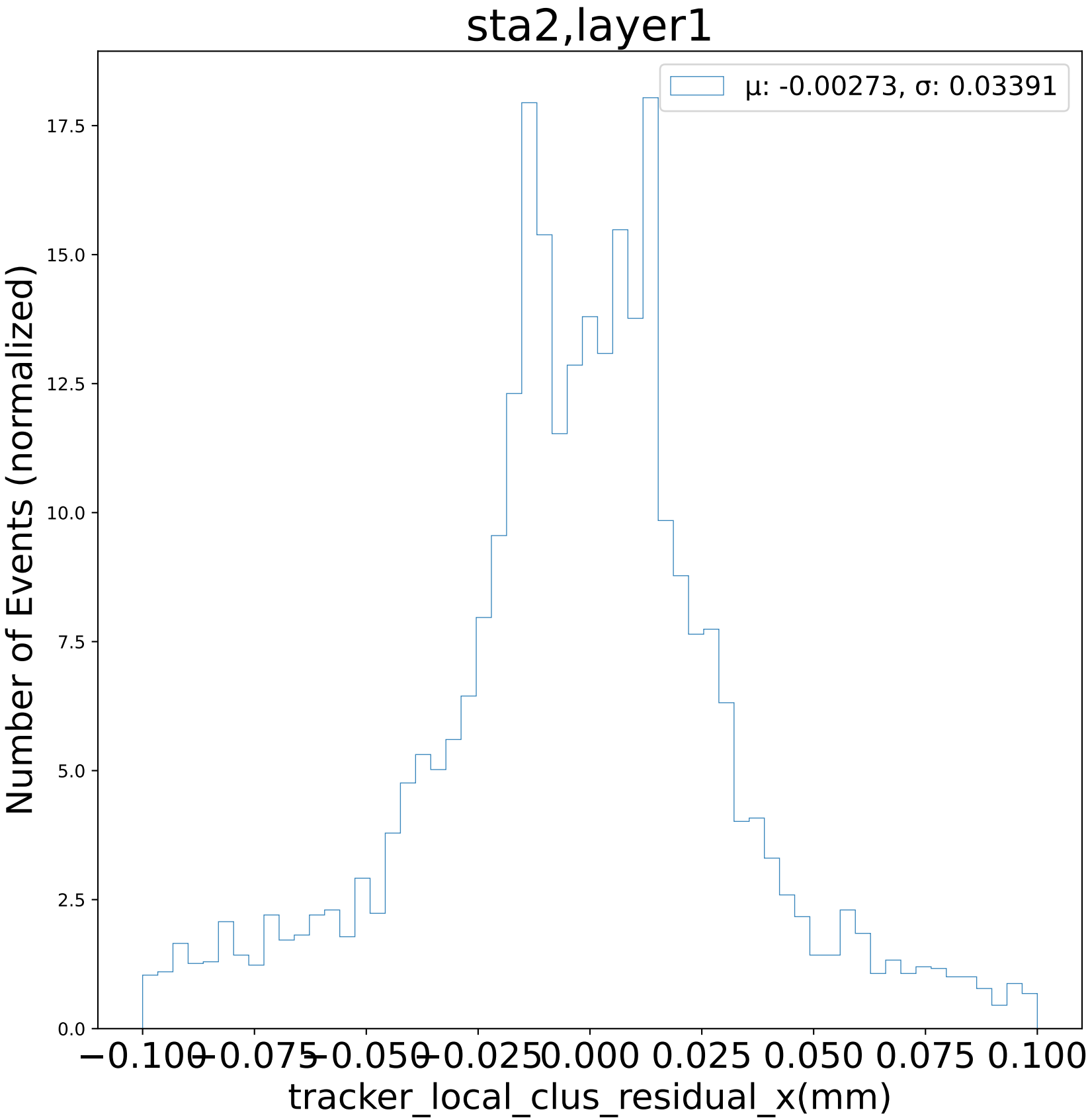

sta3,layer2,mod7
μ: 0.00182, σ: 0.7453
Number of Events (normalized)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0
tracker_local_sPoint_residual_y(mm)

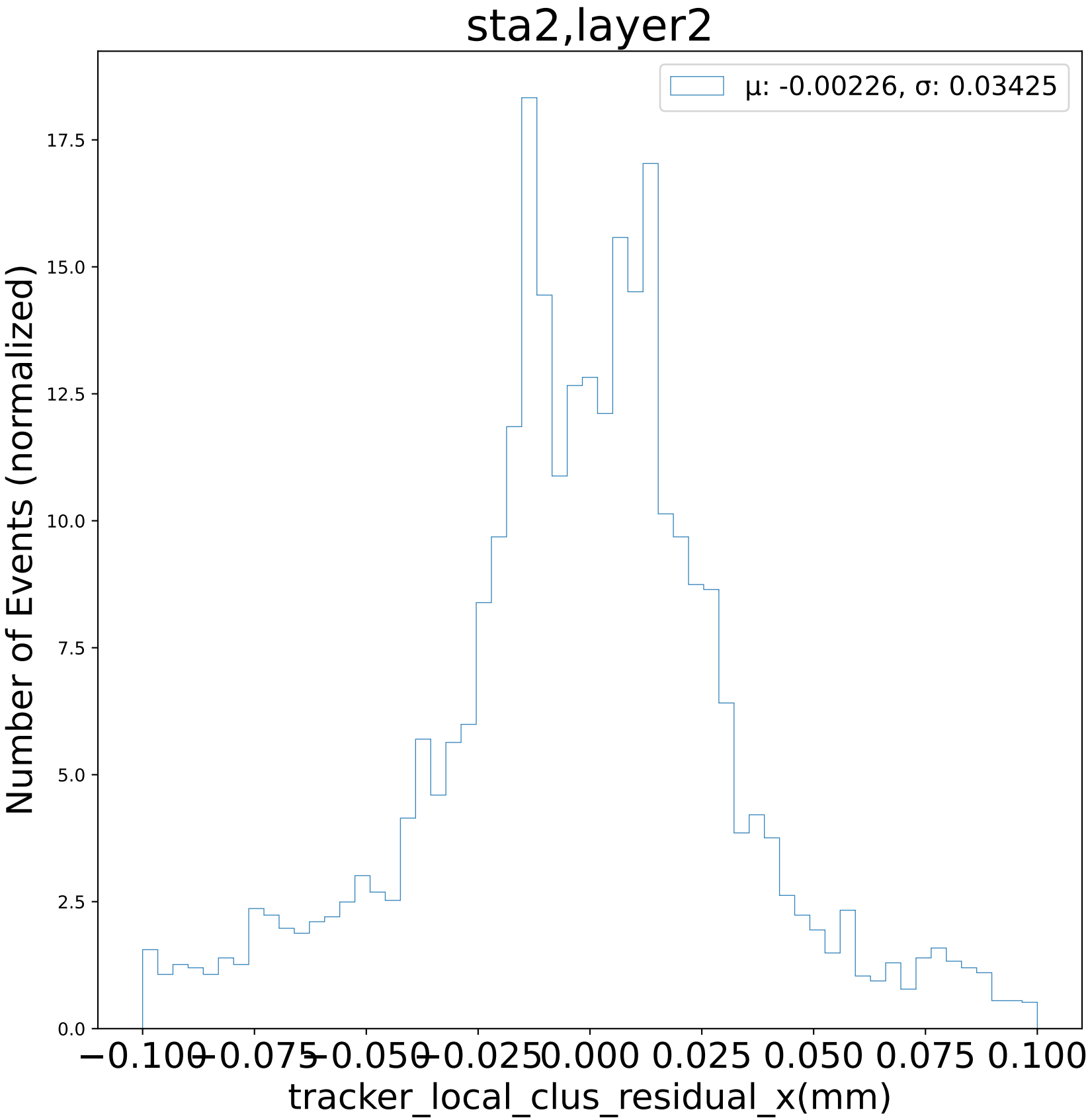

sta1,layer0
μ: -0.00289, σ: 0.03447
Number of Events (normalized)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
tracker_local_clus_residual_x(mm)

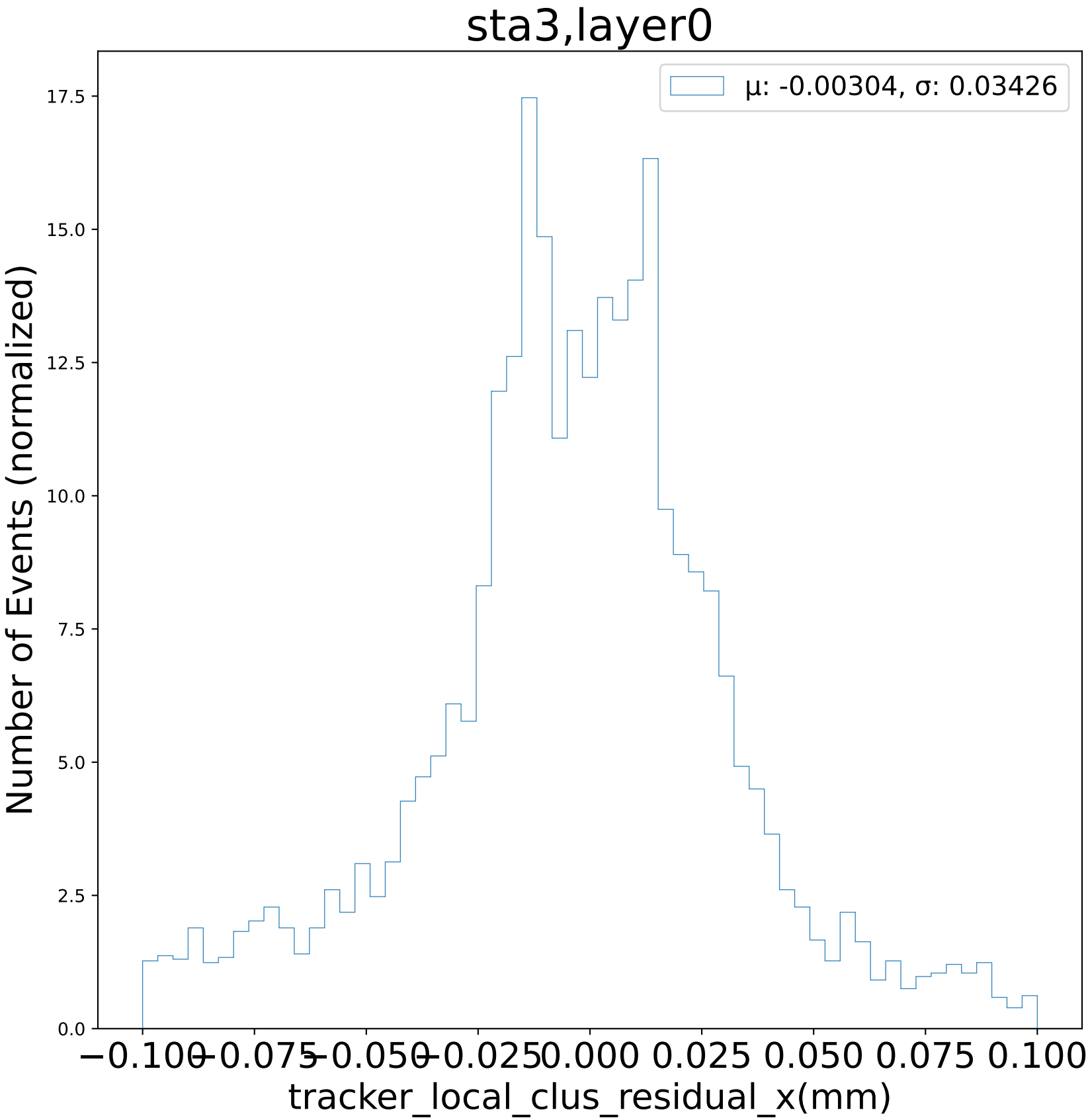

sta1,layer1
μ: -0.00225, σ: 0.03428
Number of Events (normalized)
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
tracker_local_clus_residual_x(mm)

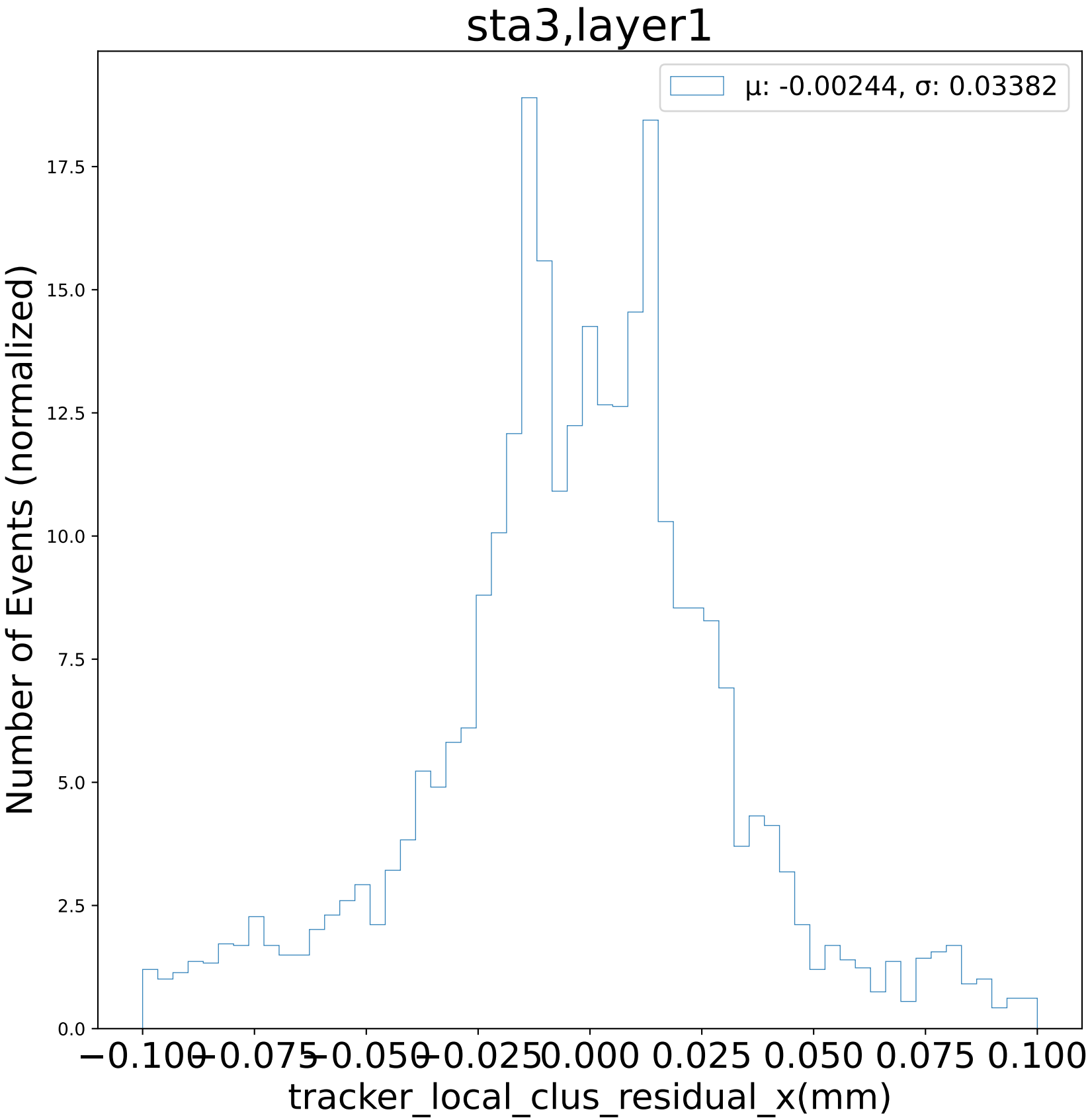

sta1,layer2
μ: -0.00243, σ: 0.03409
Number of Events (normalized)
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
tracker_local_clus_residual_x(mm)

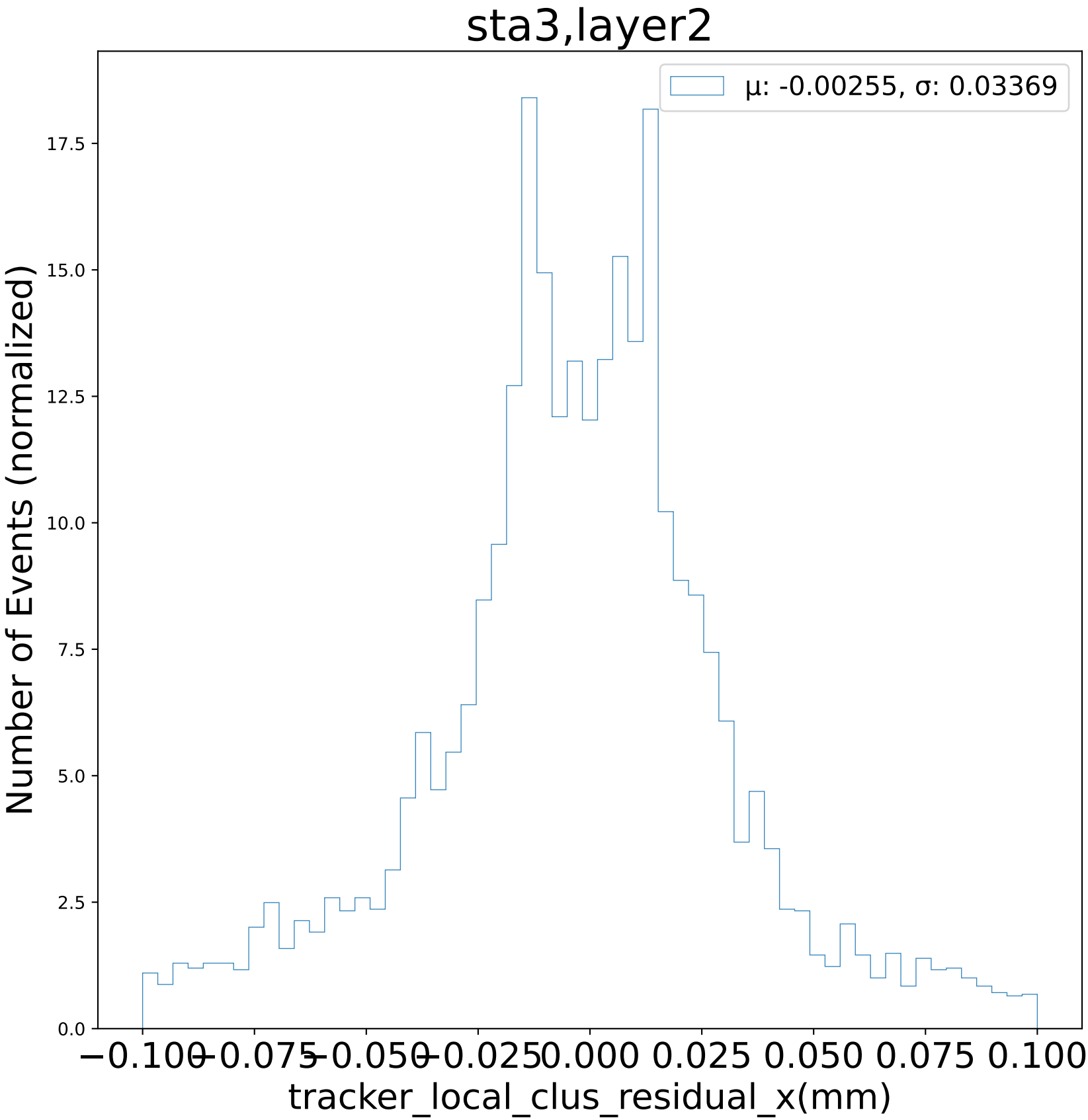

sta2,layer0
μ: -0.00265, σ: 0.03403
Number of Events (normalized)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
tracker_local_clus_residual_x(mm)

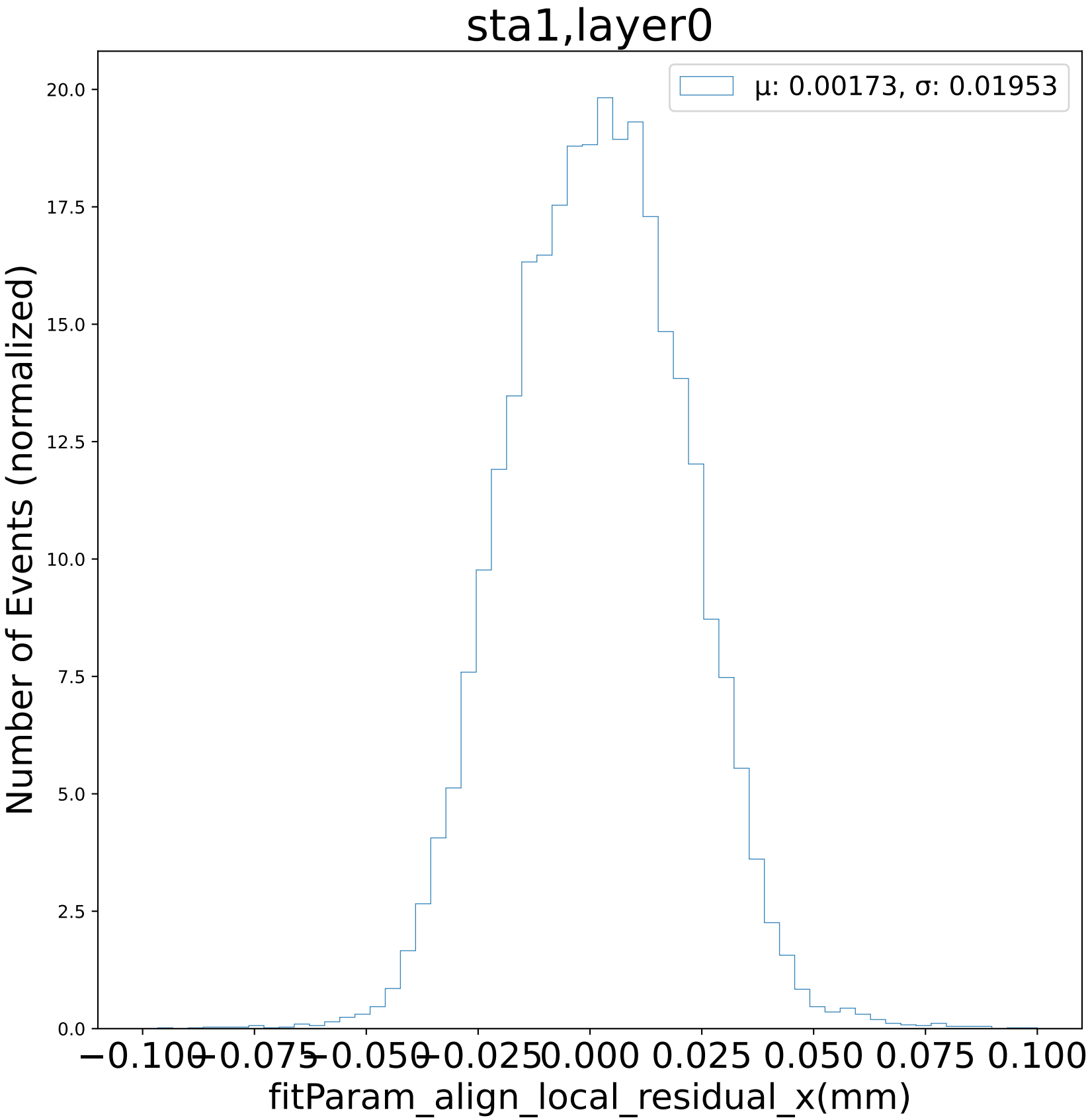

sta2,layer1
μ: -0.00273, σ: 0.03391
Number of Events (normalized)
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
tracker_local_clus_residual_x(mm)

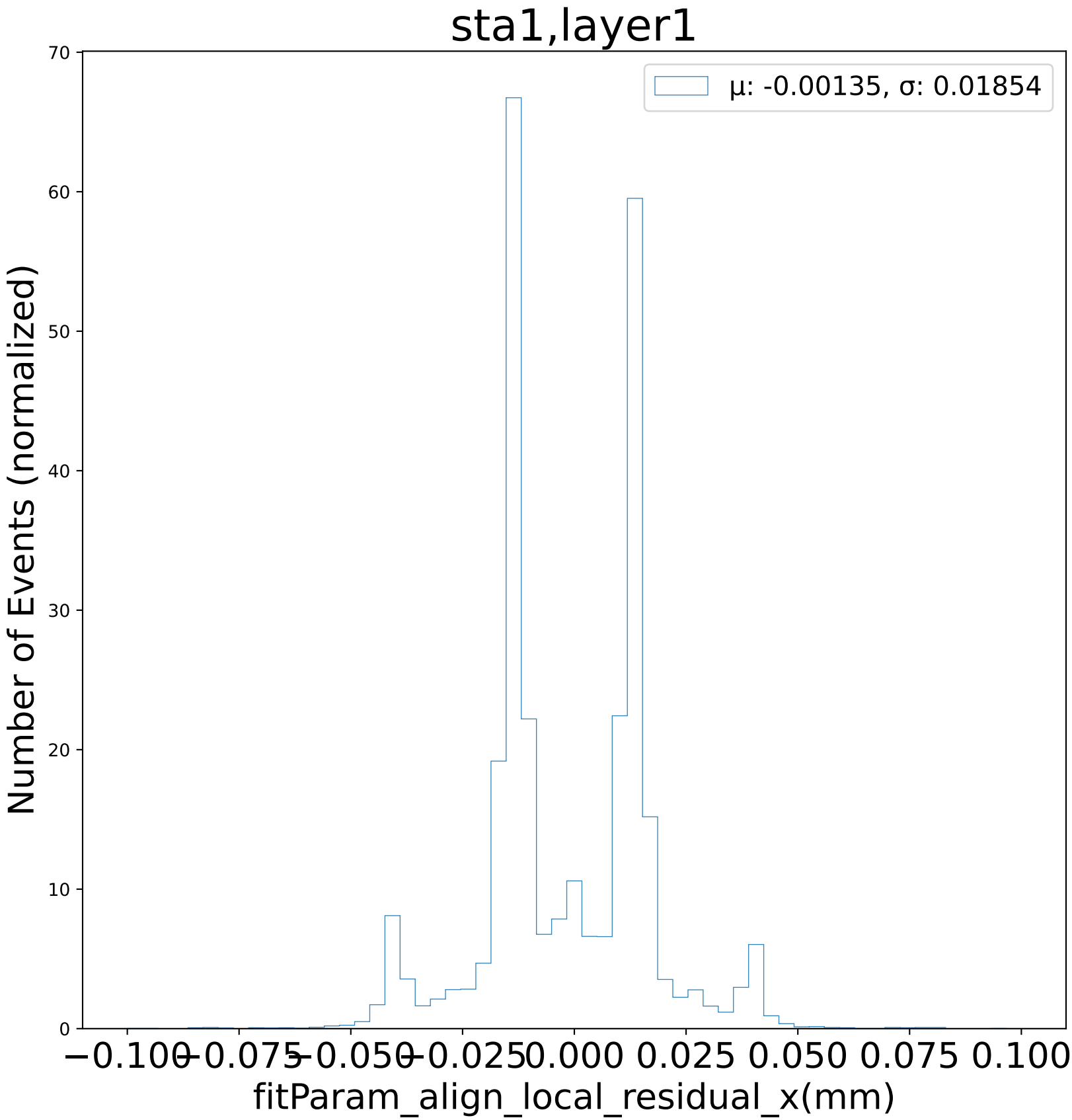

sta2,layer2
μ: -0.00226, σ: 0.03425
Number of Events (normalized)
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
tracker_local_clus_residual_x(mm)

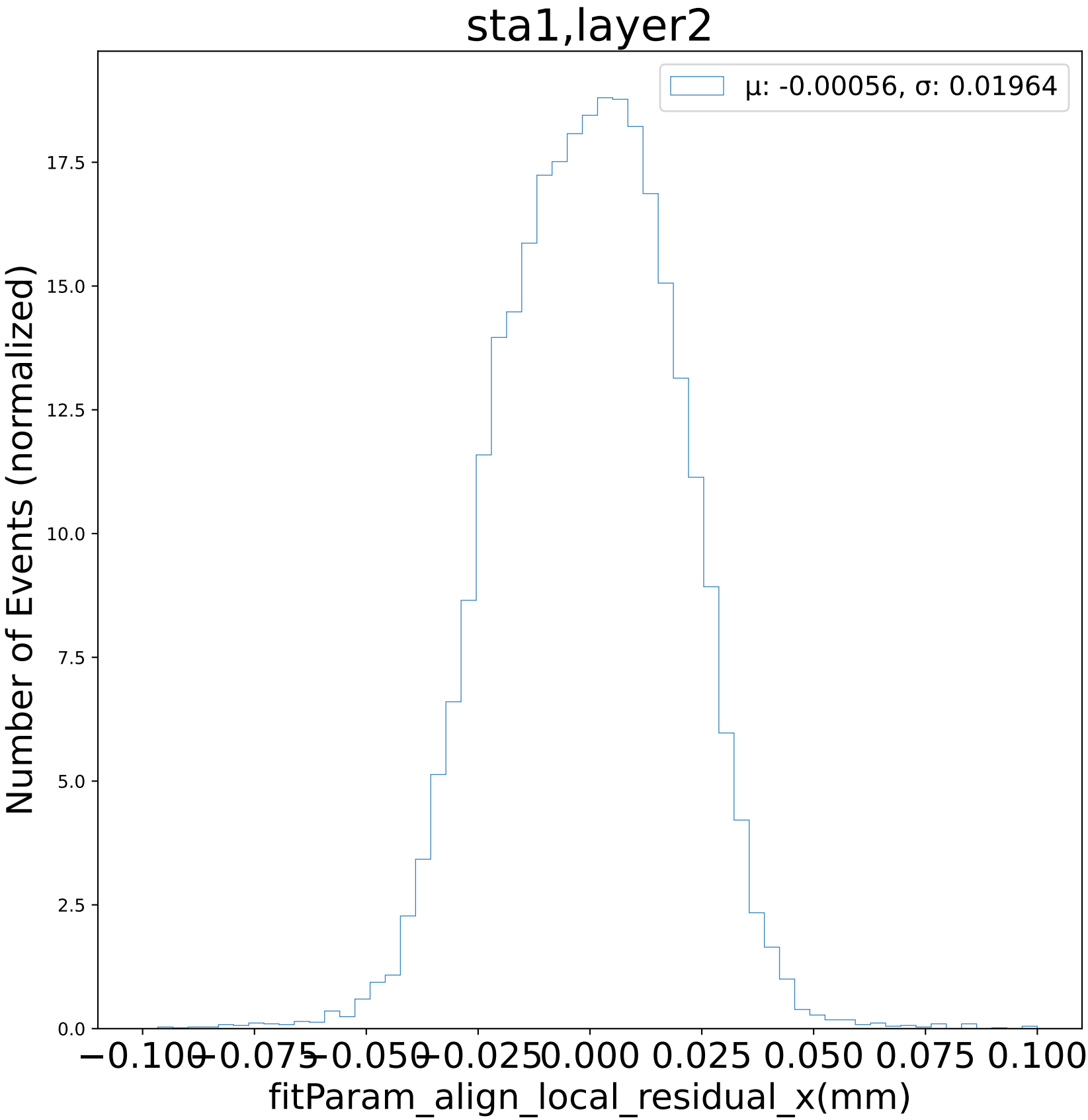

sta3,layer0
μ: -0.00304, σ: 0.03426
Number of Events (normalized)
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
tracker_local_clus_residual_x(mm)

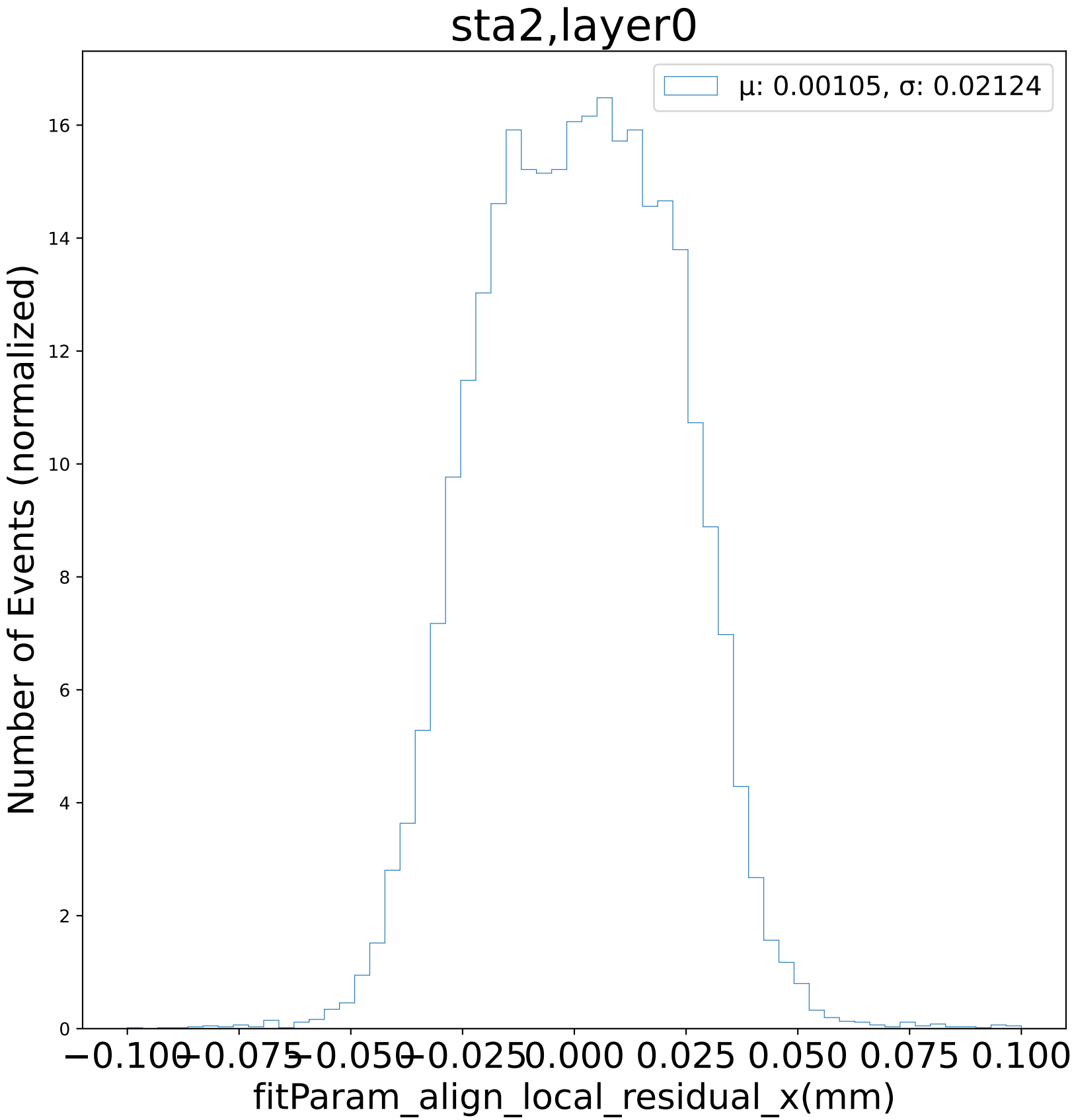

sta3,layer1
μ: -0.00244, σ: 0.03382
Number of Events (normalized)
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
tracker_local_clus_residual_x(mm)

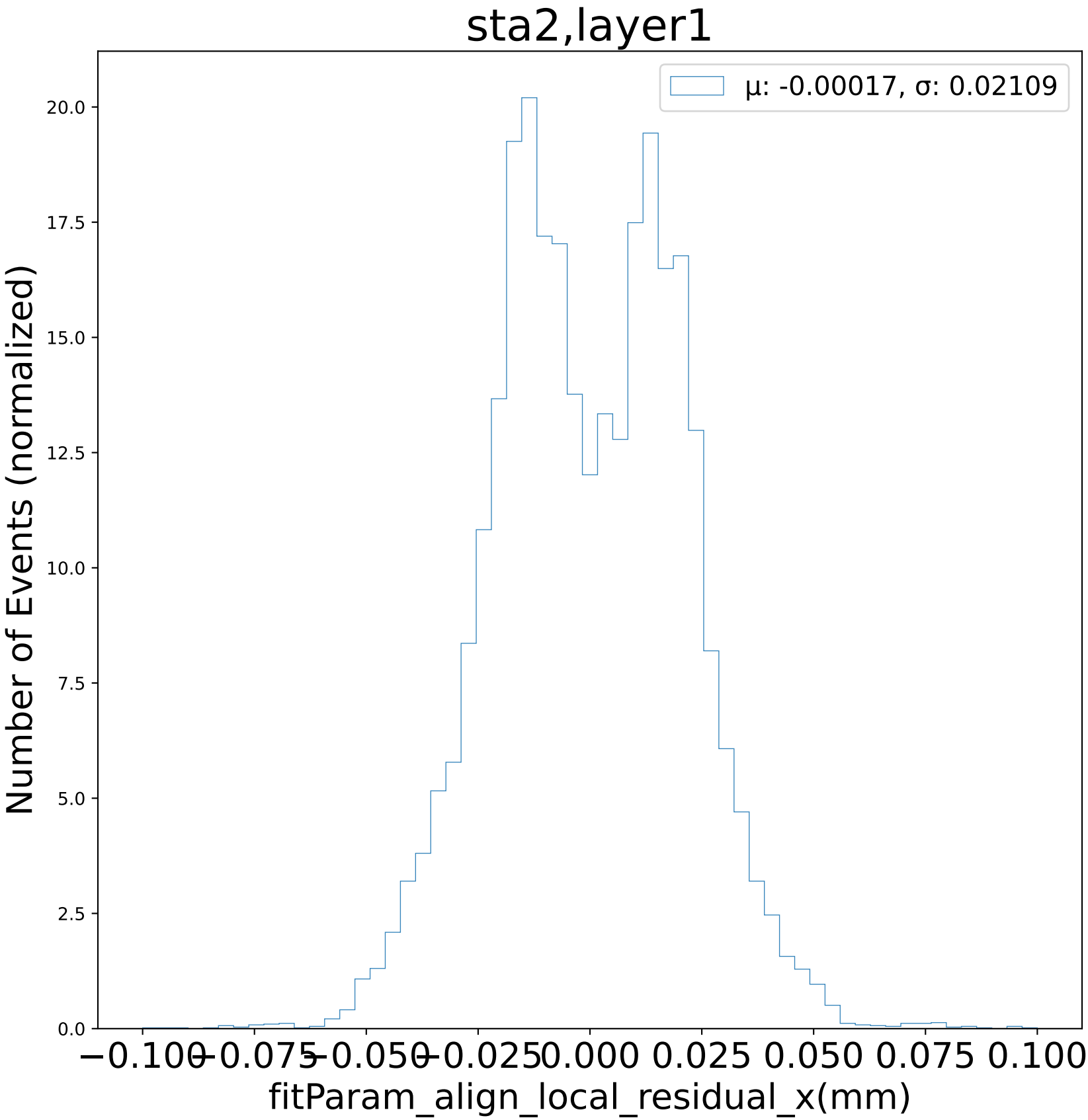

sta3,layer2
μ: -0.00255, σ: 0.03369
Number of Events (normalized)
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
tracker_local_clus_residual_x(mm)

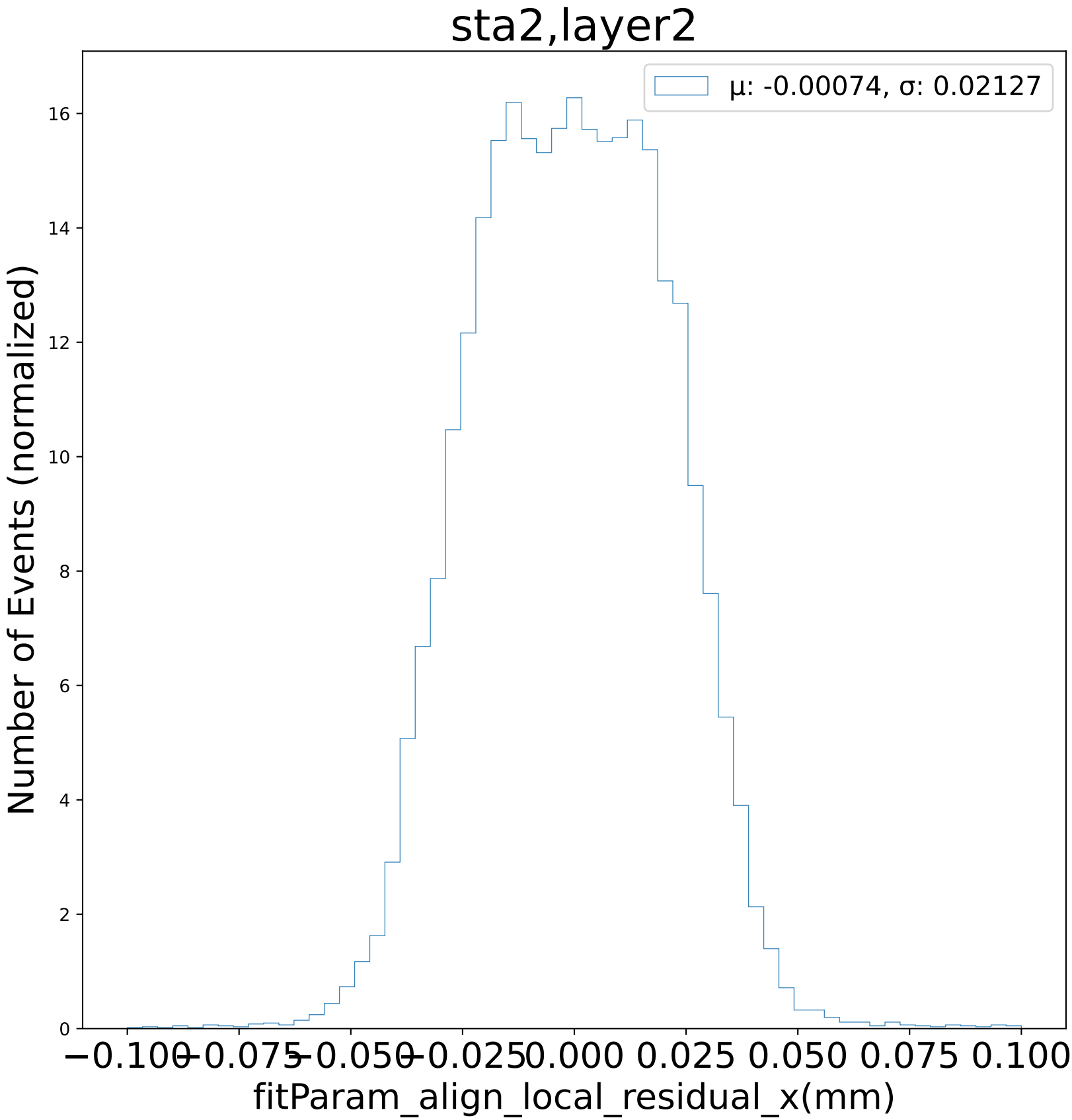

sta1,layer0
μ: 0.00173, σ: 0.01953
Number of Events (normalized)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

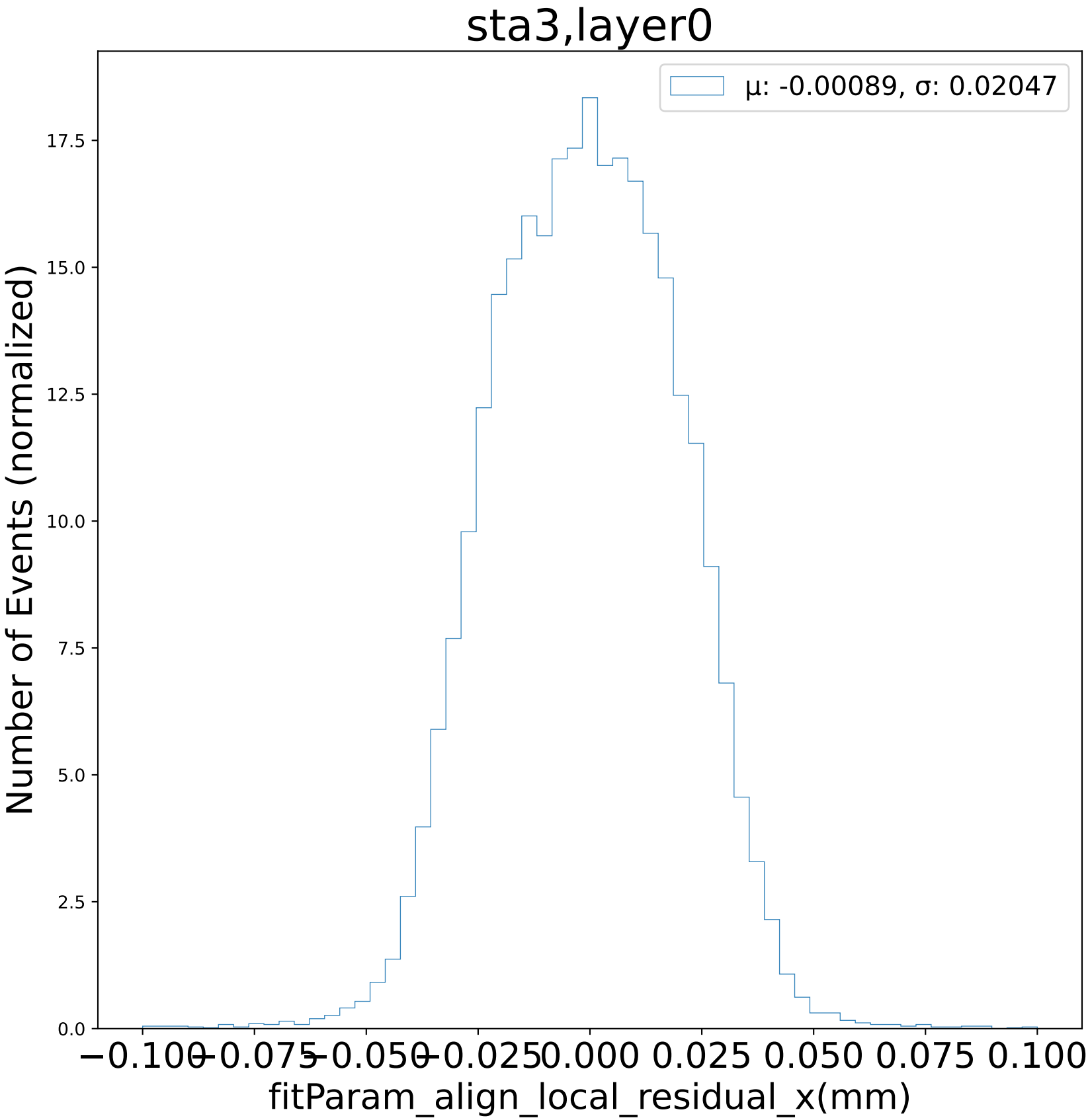

sta1,layer1
μ: -0.00135, σ: 0.01854
Number of Events (normalized)
fitParam_align_local_residual_x(mm)
0
10
20
30
40
50
60
70
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100

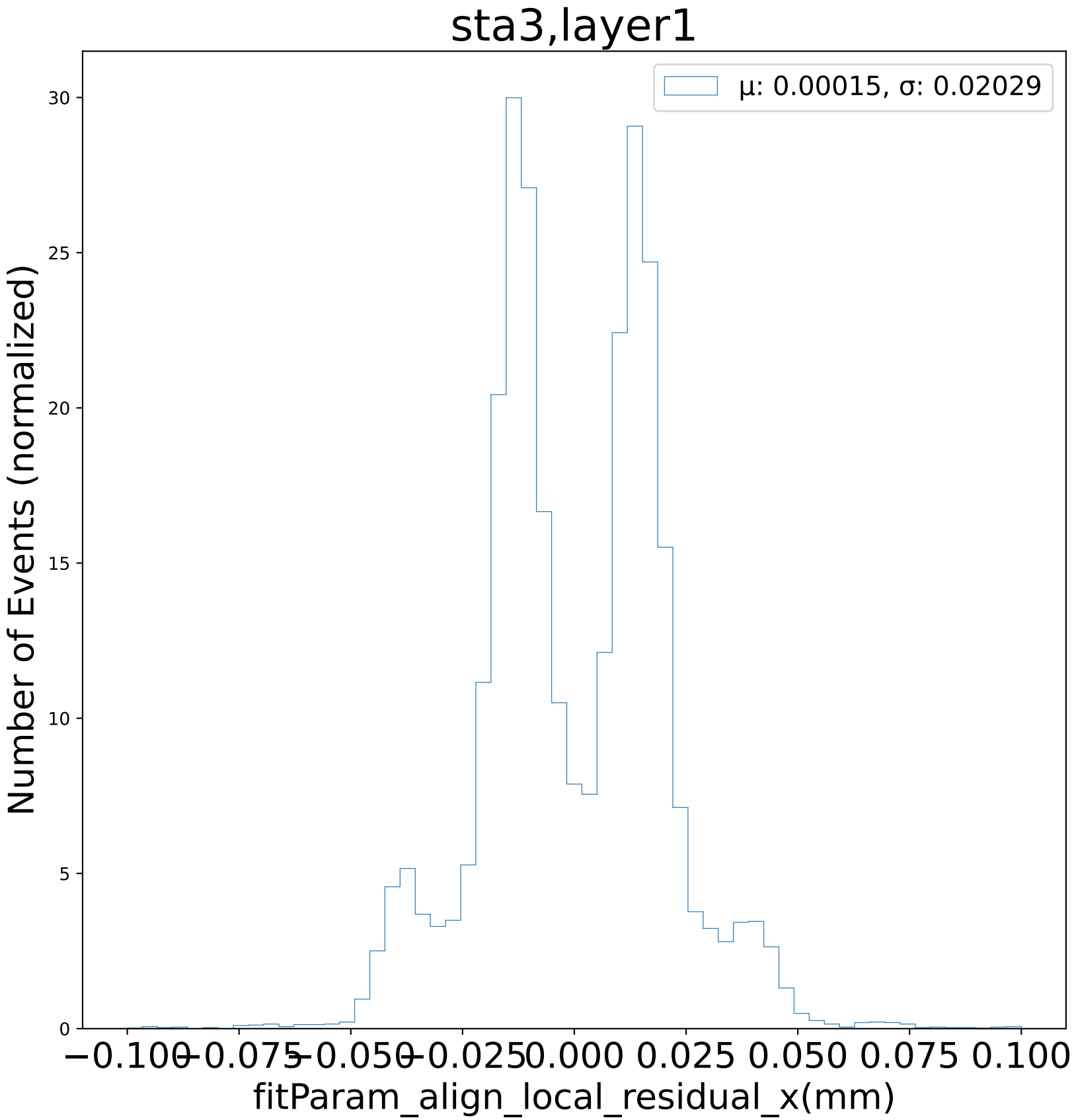

sta1,layer2
μ: -0.00056, σ: 0.01964
Number of Events (normalized)
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

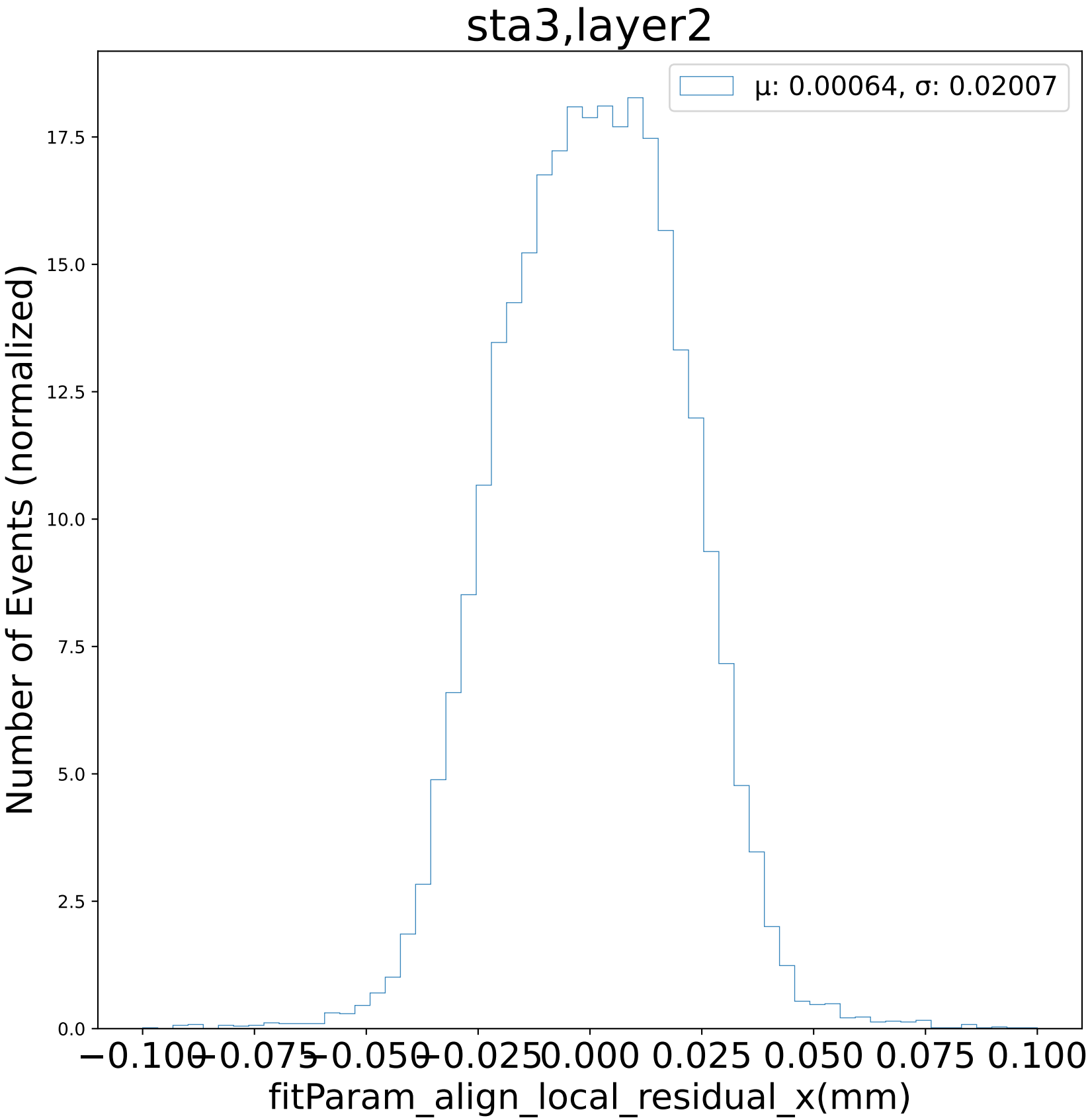

sta2,layer0
μ: 0.00105, σ: 0.02124
Number of Events (normalized)
0
2
4
6
8
10
12
14
16
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)


sta2,layer1
μ: -0.00017, σ: 0.02109
Number of Events (normalized)
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)


sta2,layer2
μ: -0.00074, σ: 0.02127
Number of Events (normalized)
0
2
4
6
8
10
12
14
16
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)


sta3,layer0
μ: -0.00089, σ: 0.02047
Number of Events (normalized)
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)


sta3,layer1
μ: 0.00015, σ: 0.02029
Number of Events (normalized)
0
5
10
15
20
25
30
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)


sta3,layer2
μ: 0.00064, σ: 0.02007
Number of Events (normalized)
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)