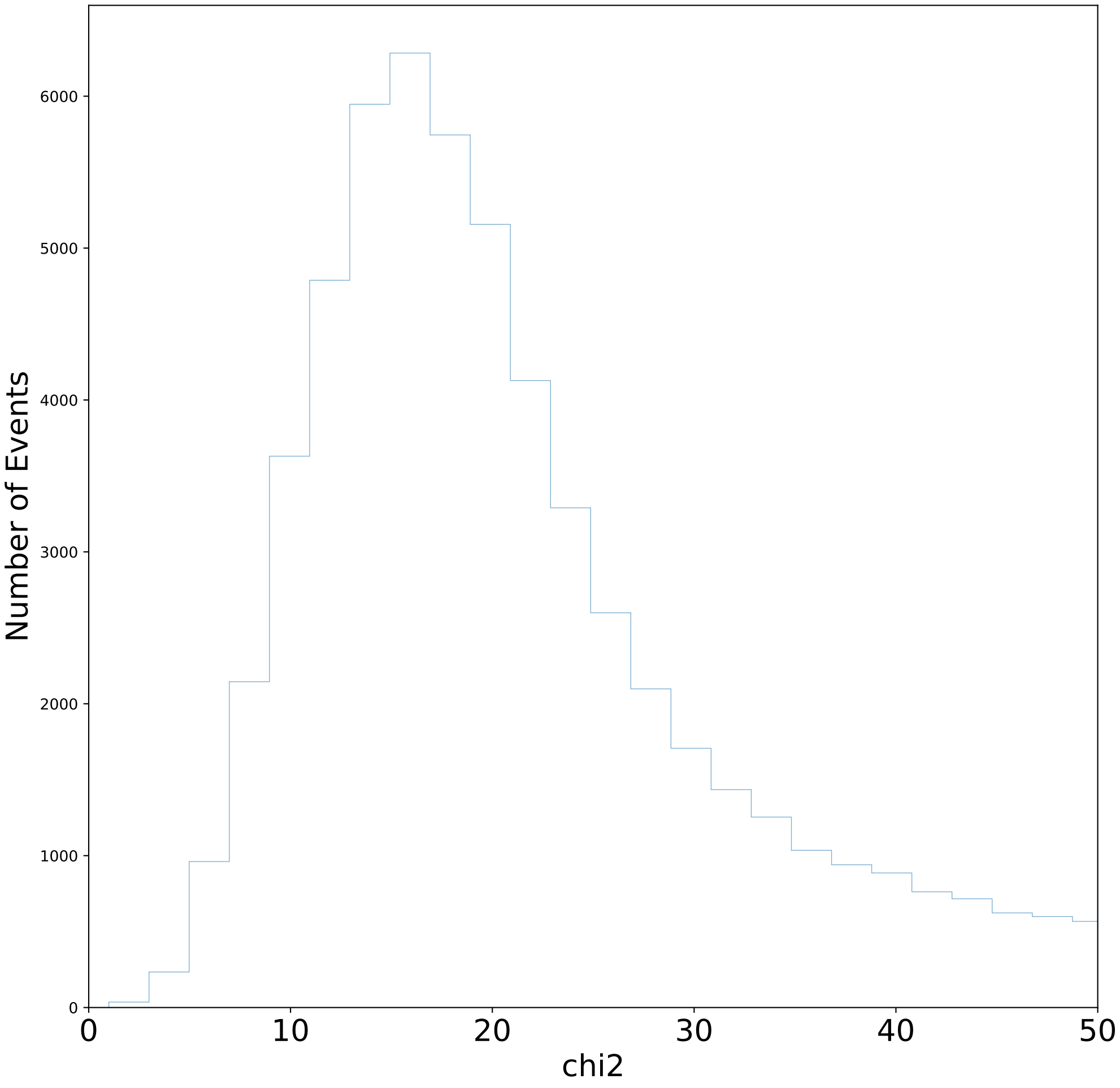
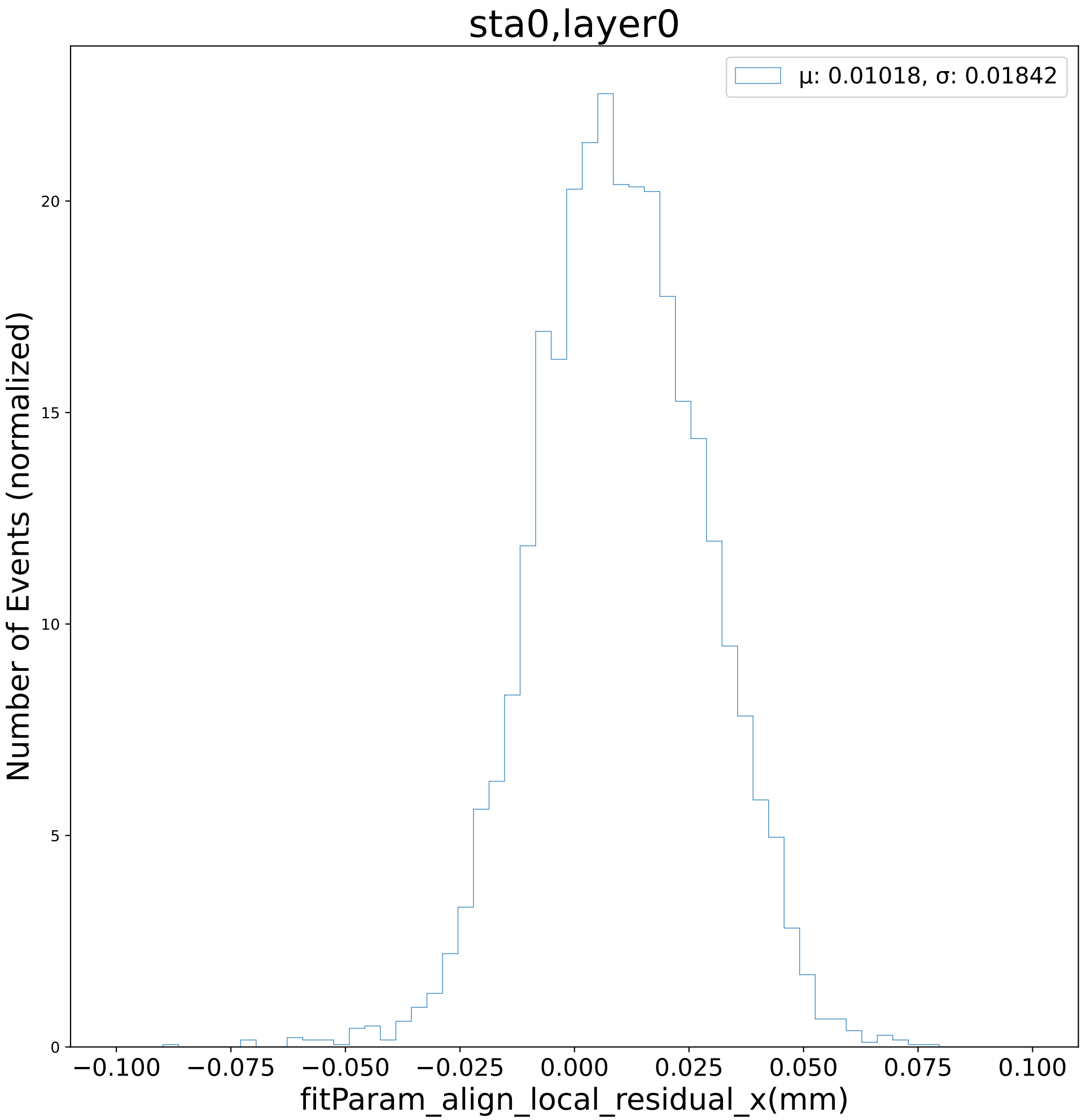
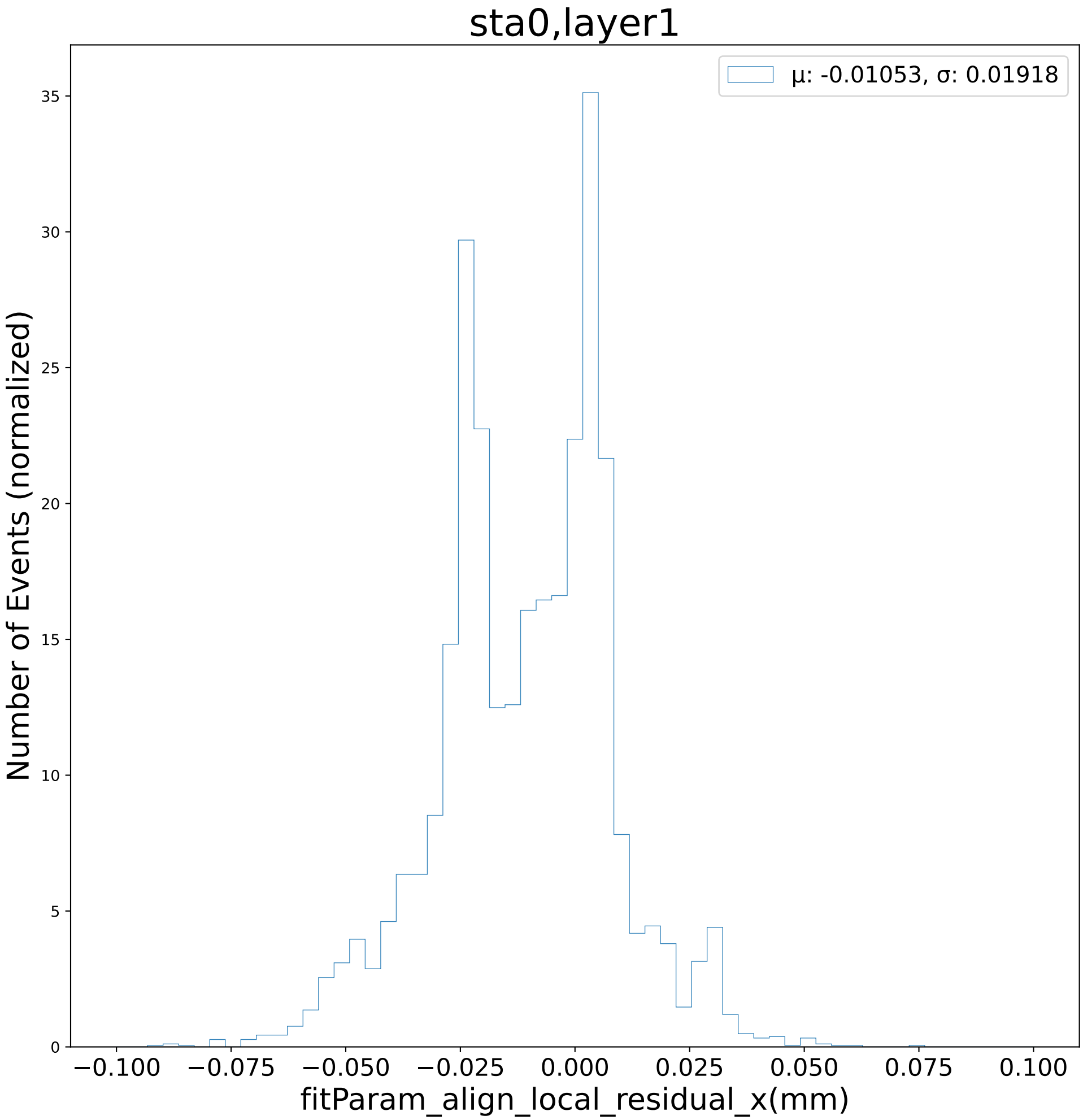
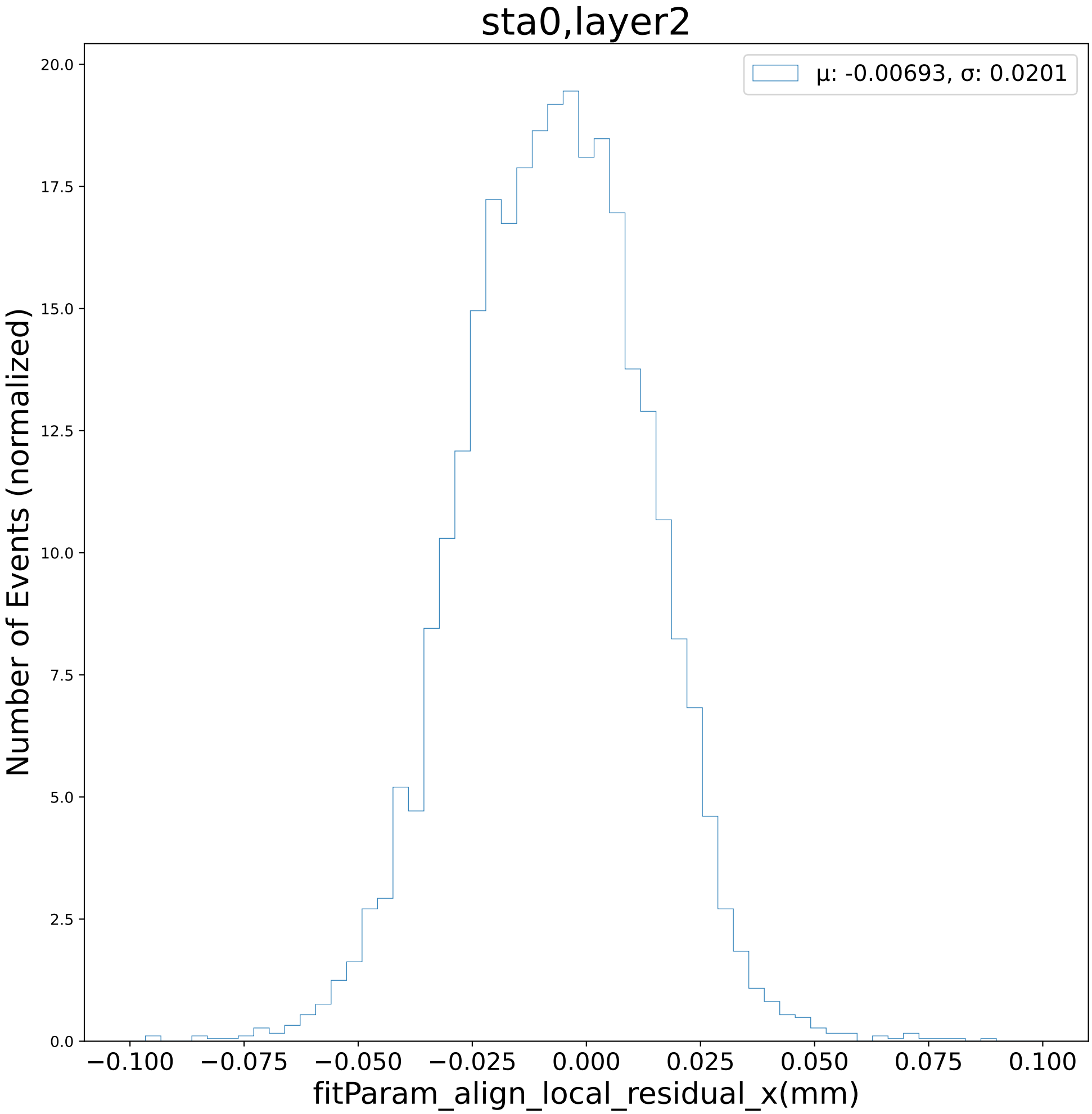
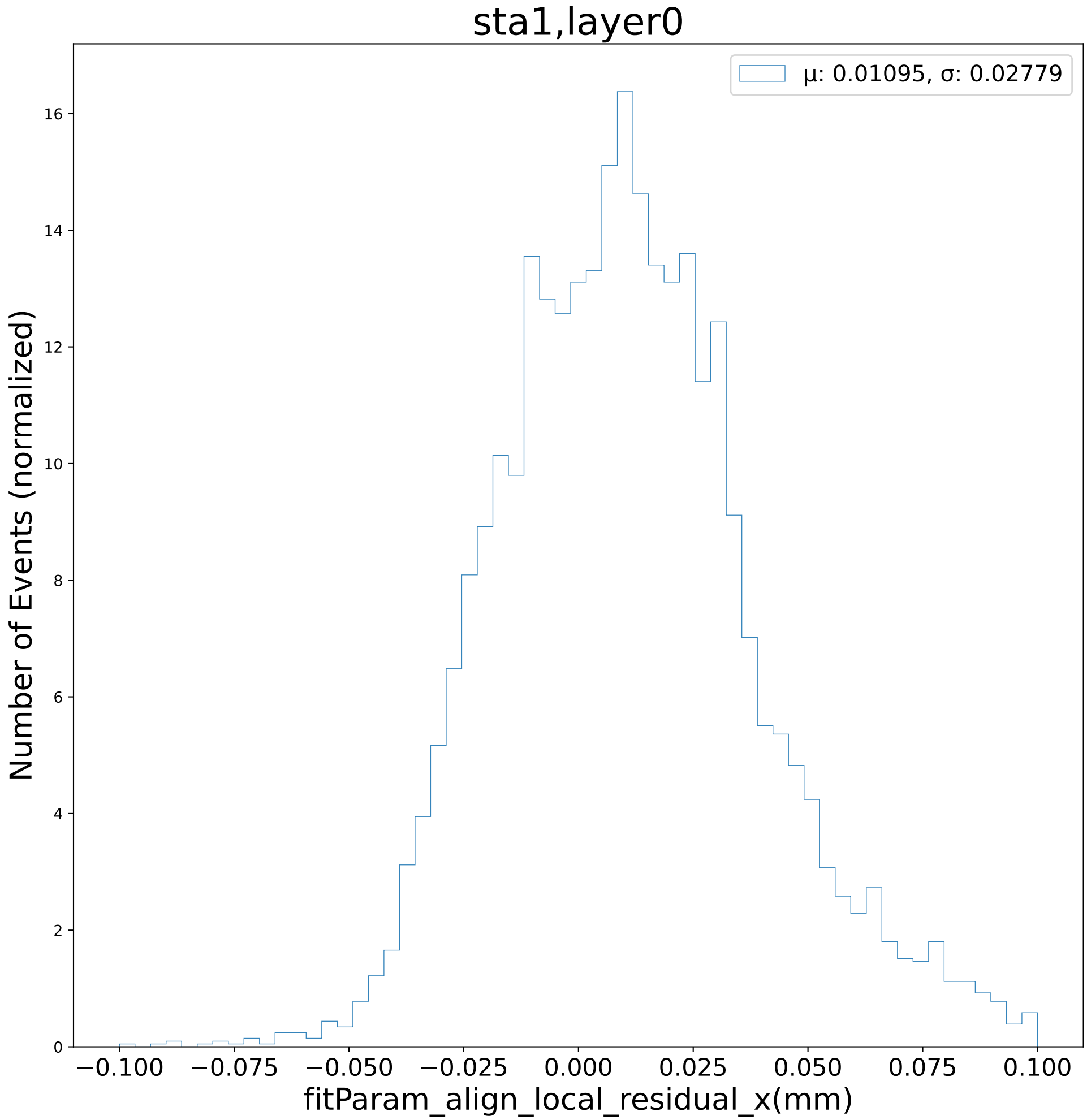
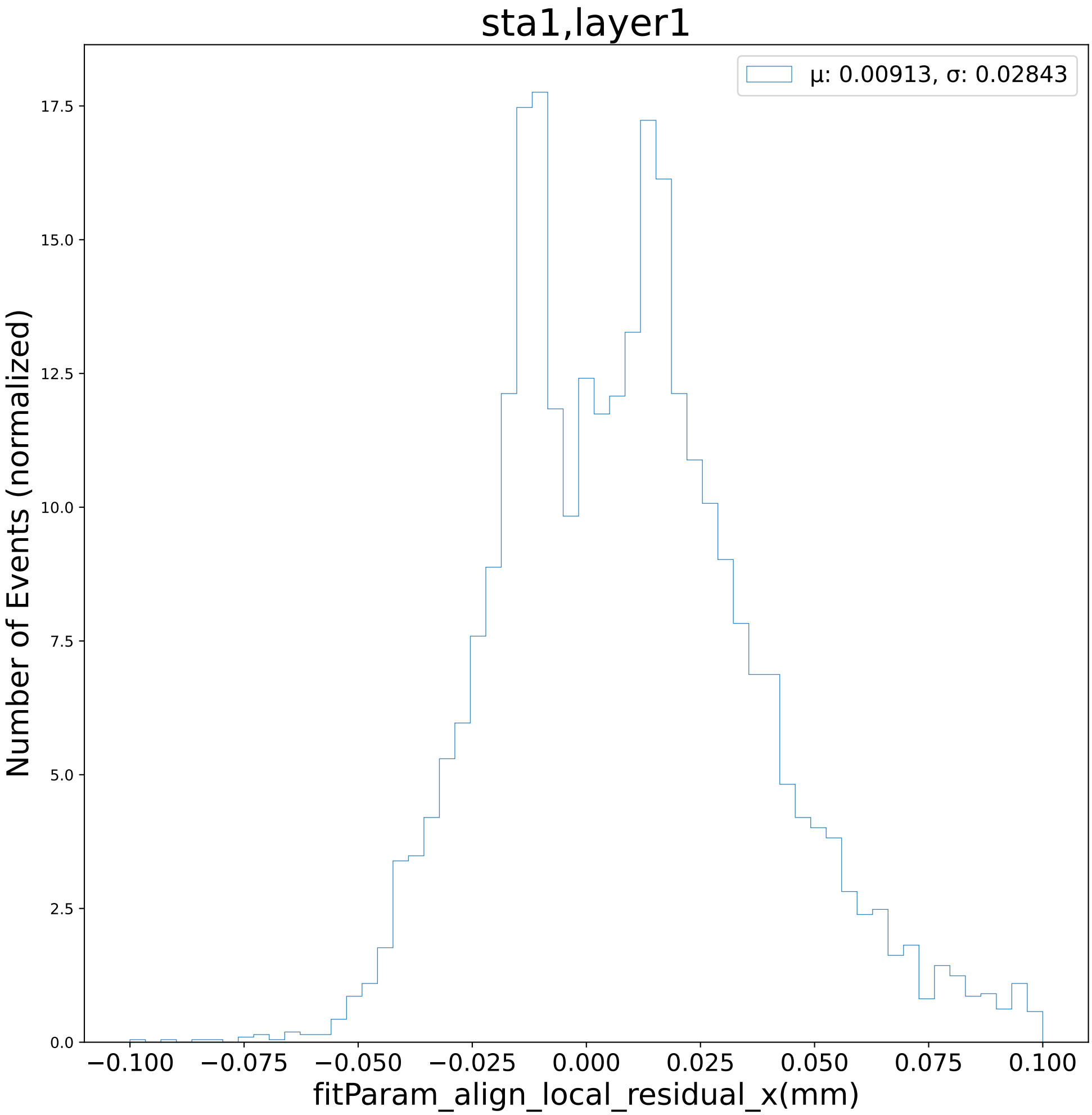

Number of Events
0
1000
2000
3000
4000
5000
6000
0
10
20
30
40
50
chi2

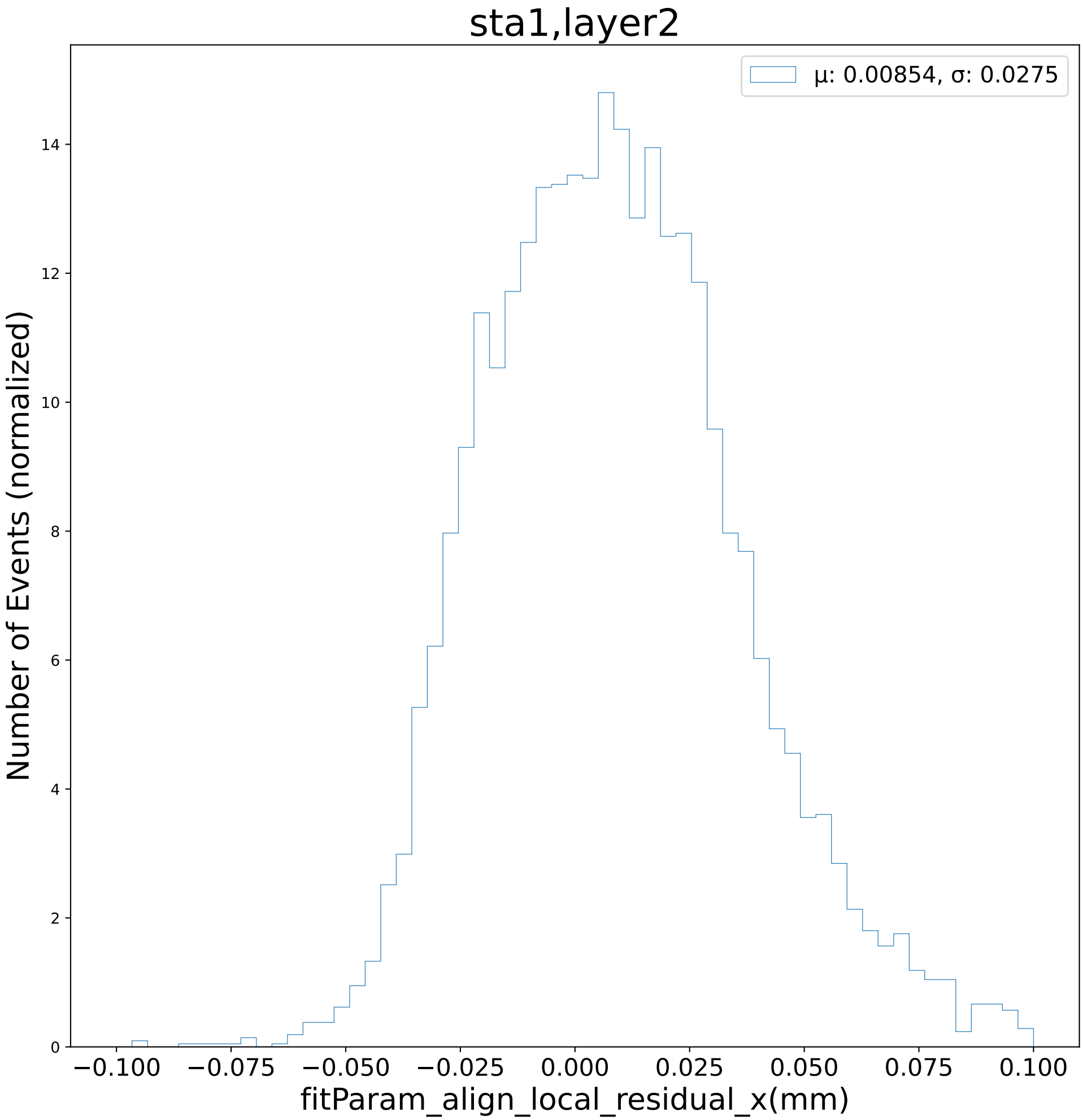

sta0,layer0
μ: 0.01018, σ: 0.01842
Number of Events (normalized)
0
5
10
15
20
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

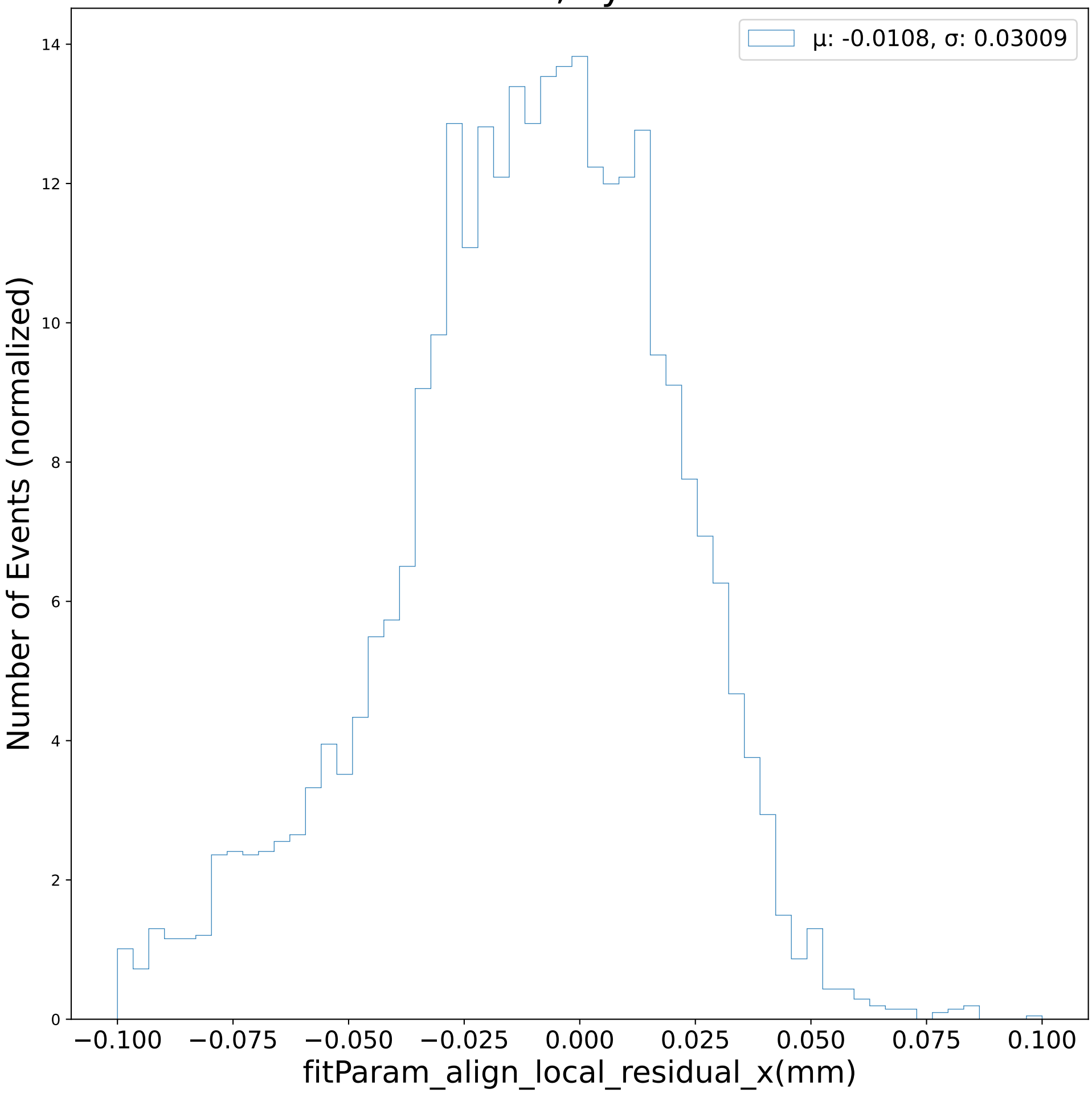

sta0,layer1
μ: -0.01053, σ: 0.01918
Number of Events (normalized)
0
5
10
15
20
25
30
35
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

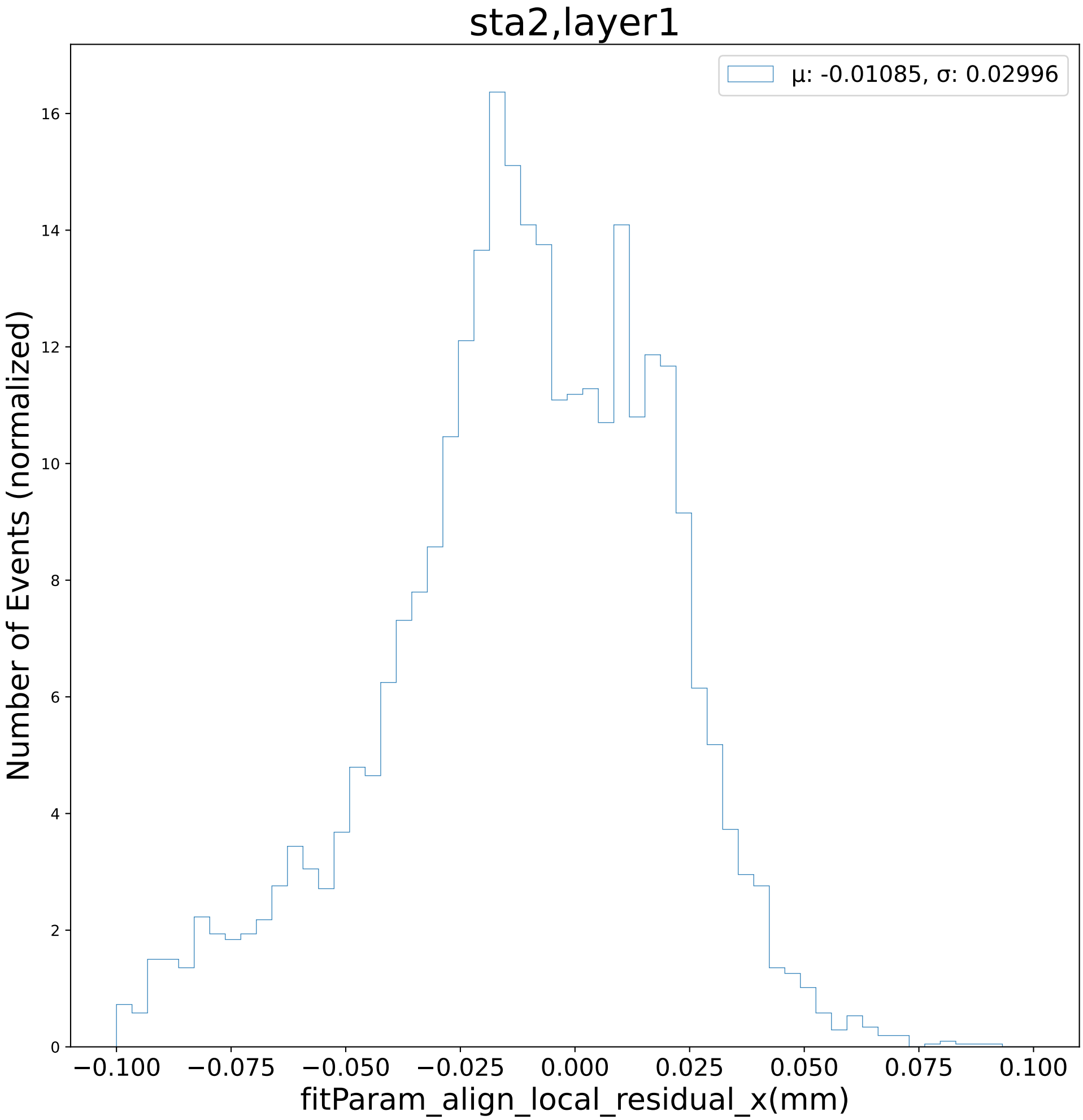

sta0,layer2
μ: -0.00693, σ: 0.0201
Number of Events (normalized)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

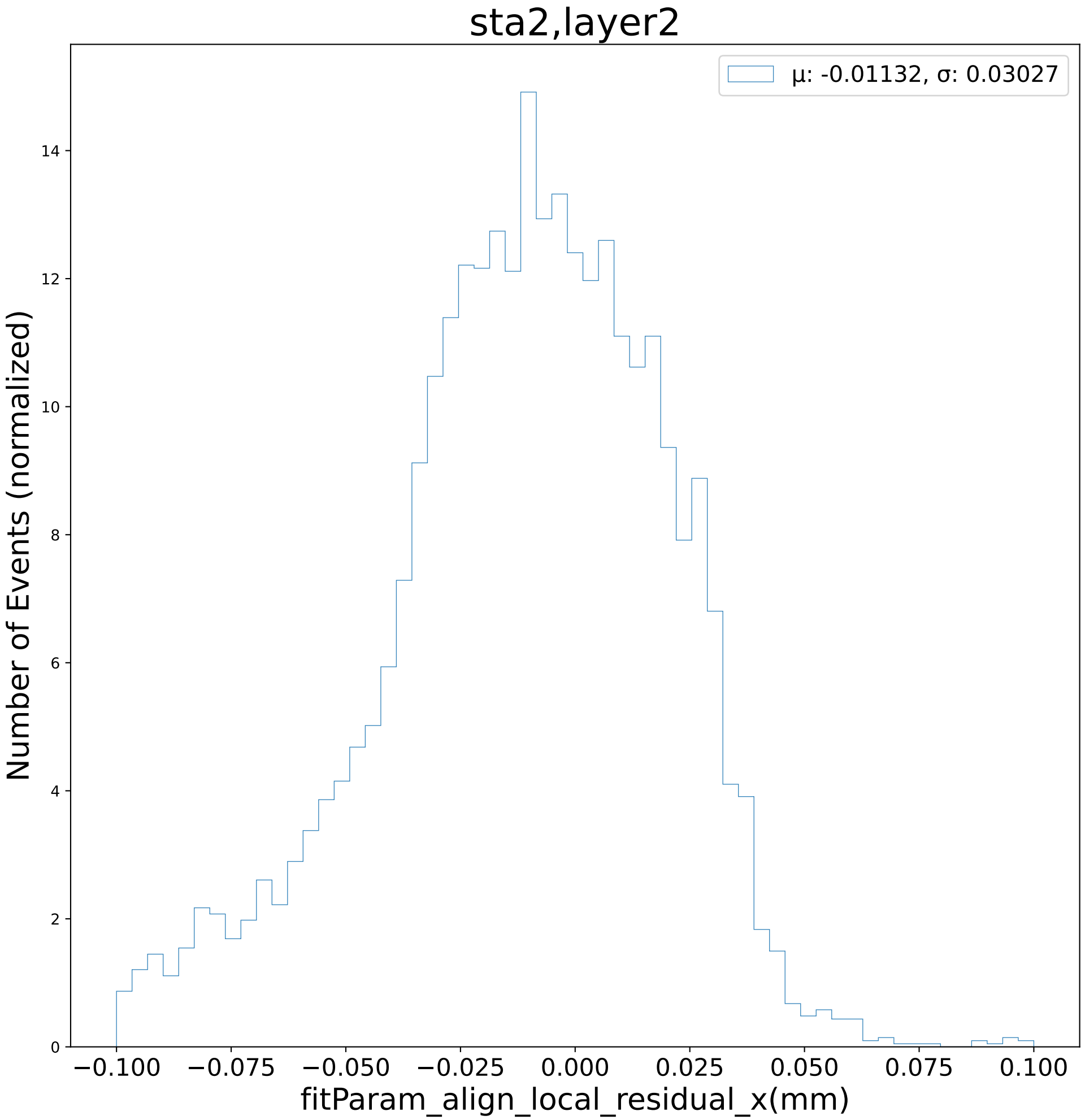

sta1,layer0
μ: 0.01095, σ: 0.02779
Number of Events (normalized)
0
2
4
6
8
10
12
14
16
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

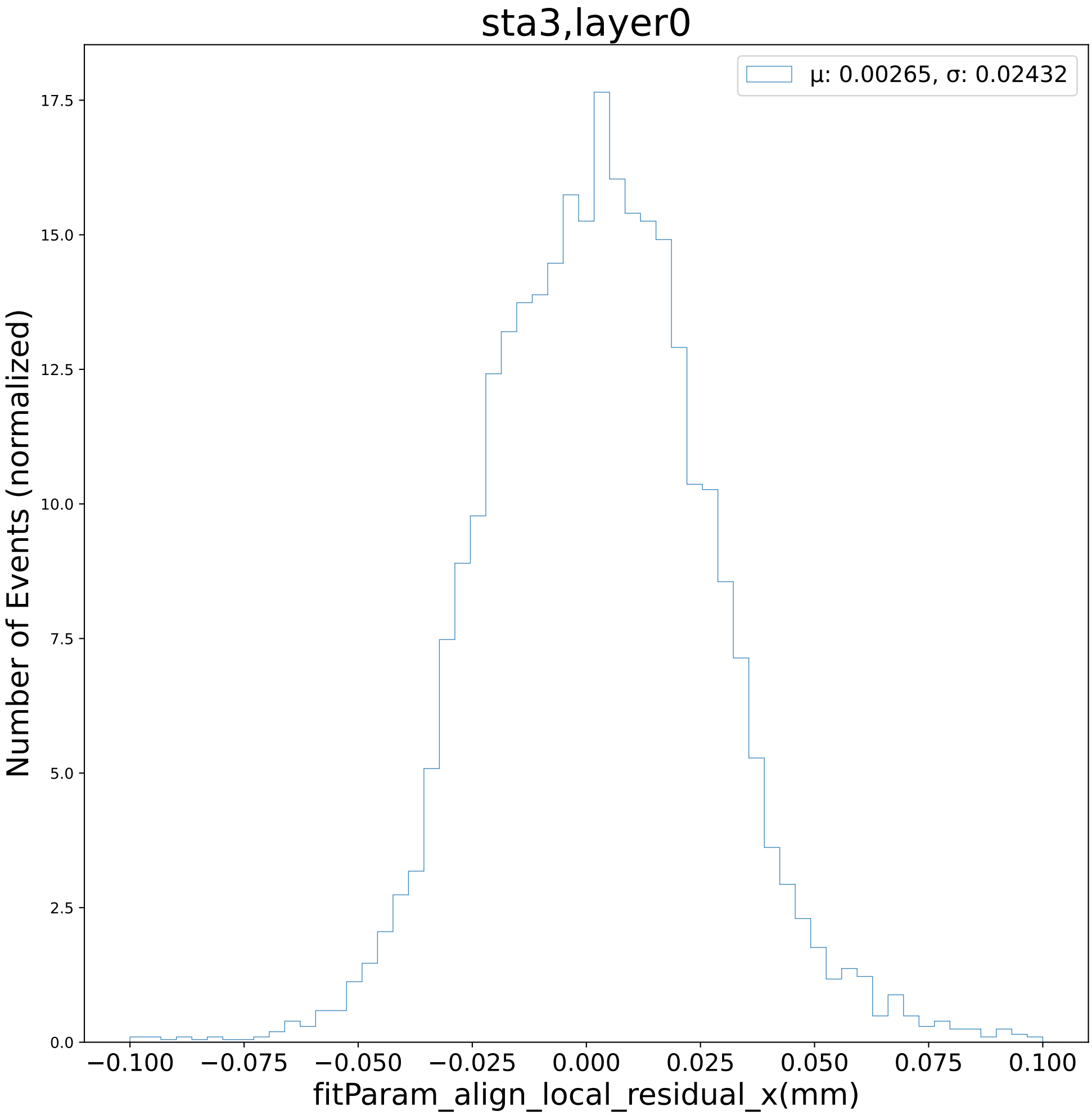

sta1,layer1
μ: 0.00913, σ: 0.02843
Number of Events (normalized)
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

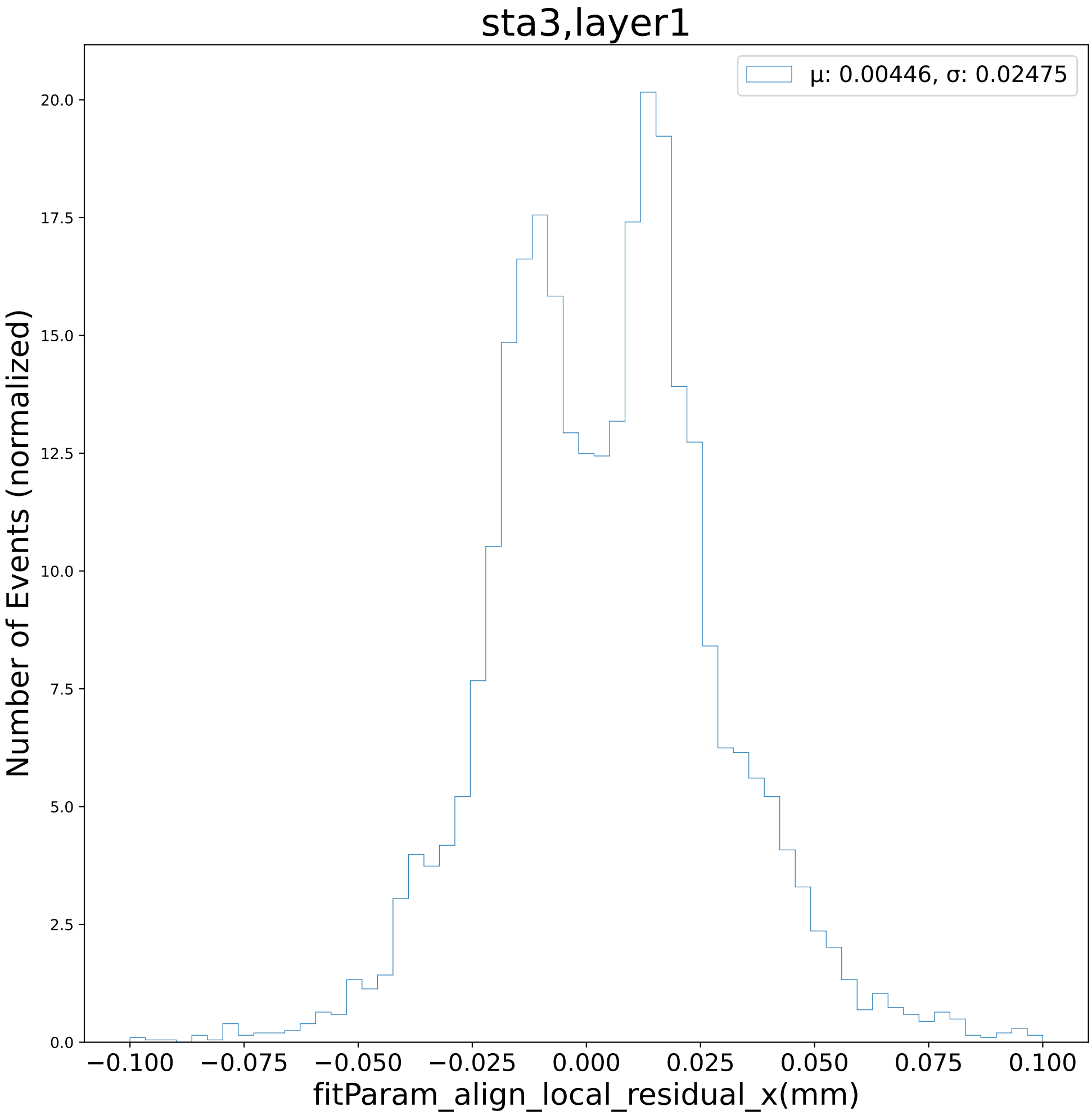

sta1,layer2
μ: 0.00854, σ: 0.0275
Number of Events (normalized)
0
2
4
6
8
10
12
14
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

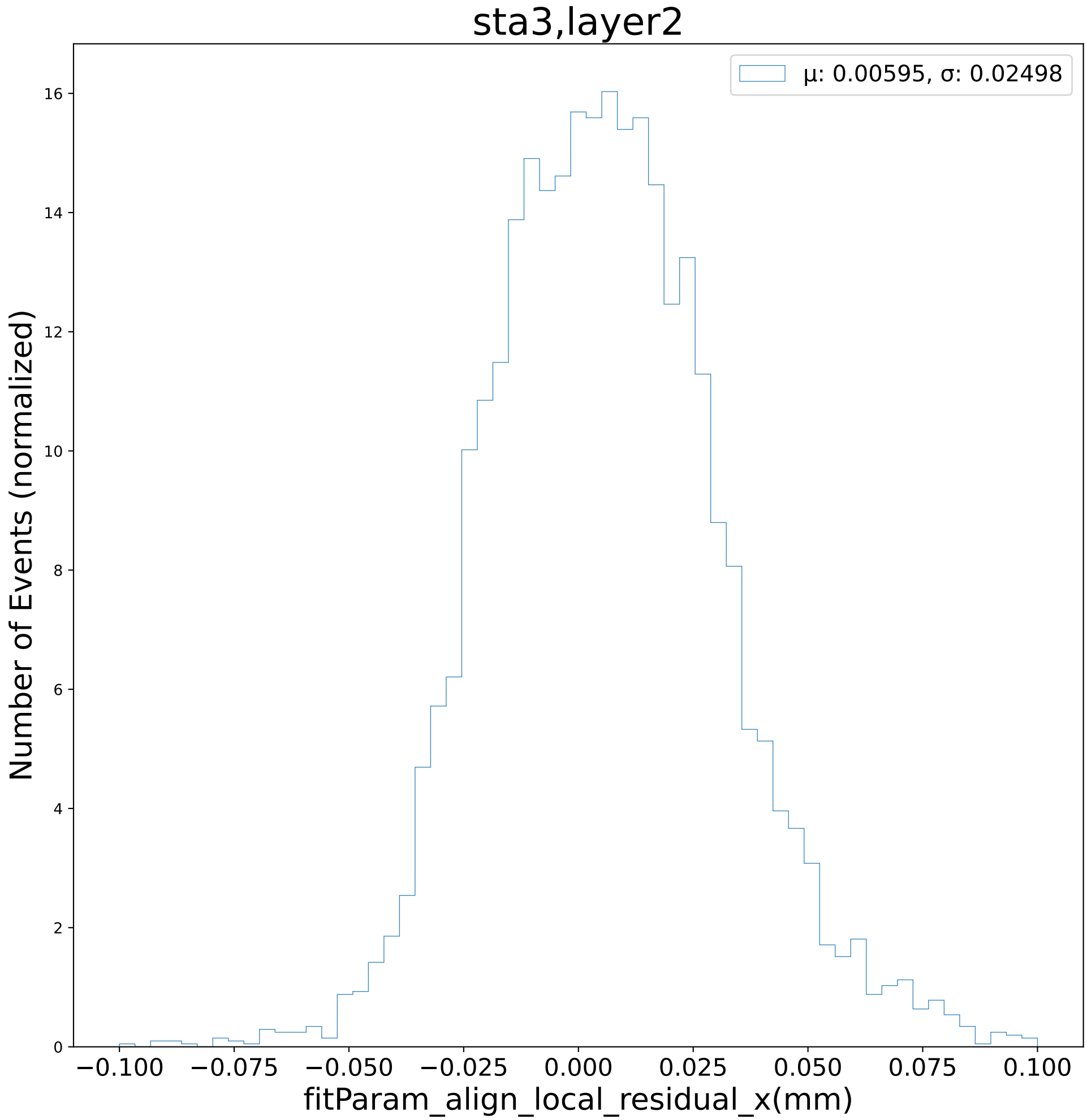

sta2,layer0
μ: -0.0108, σ: 0.03009
Number of Events (normalized)
0
2
4
6
8
10
12
14
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

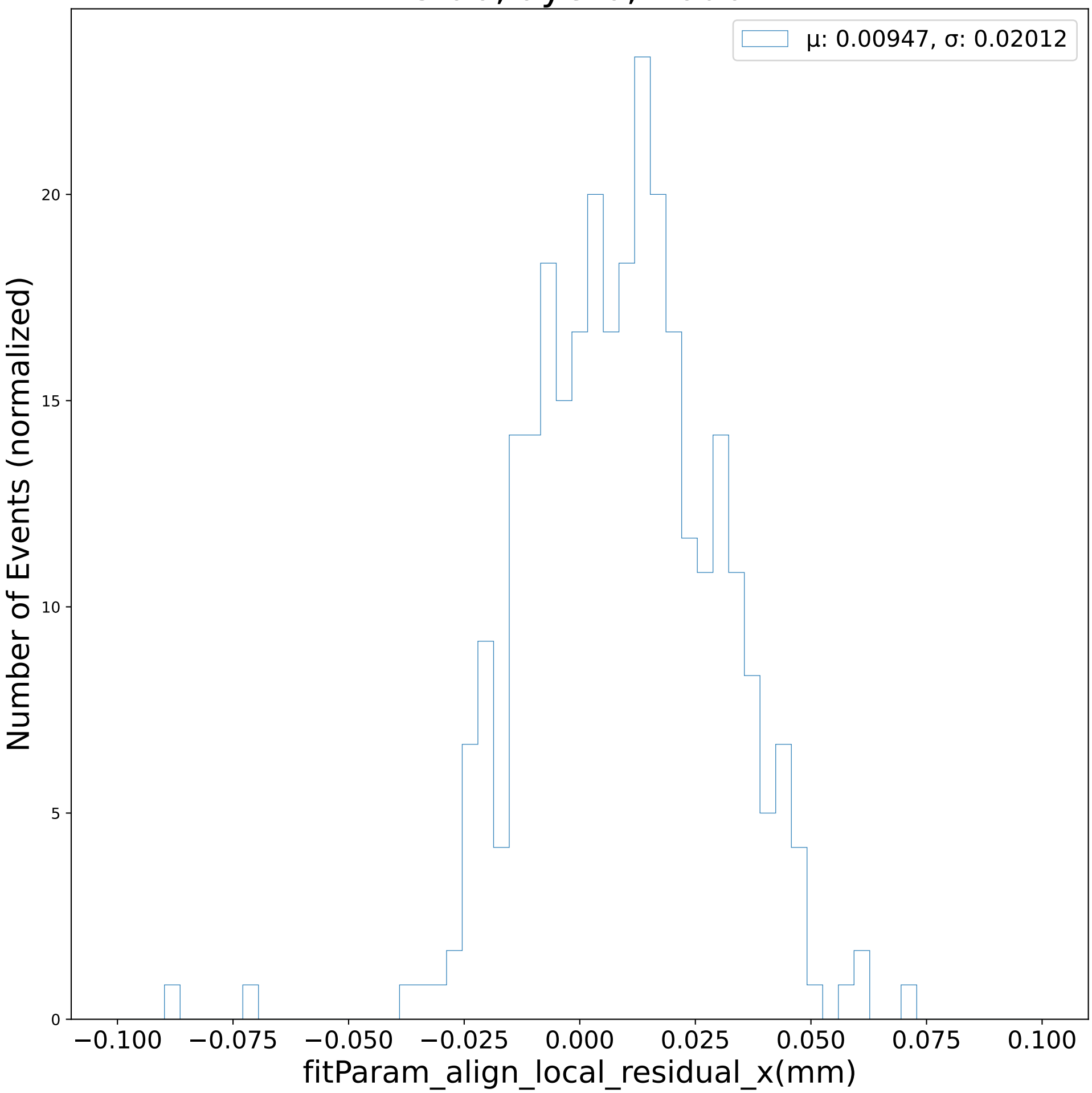

sta2,layer1
μ: -0.01085, σ: 0.02996
Number of Events (normalized)
0
2
4
6
8
10
12
14
16
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

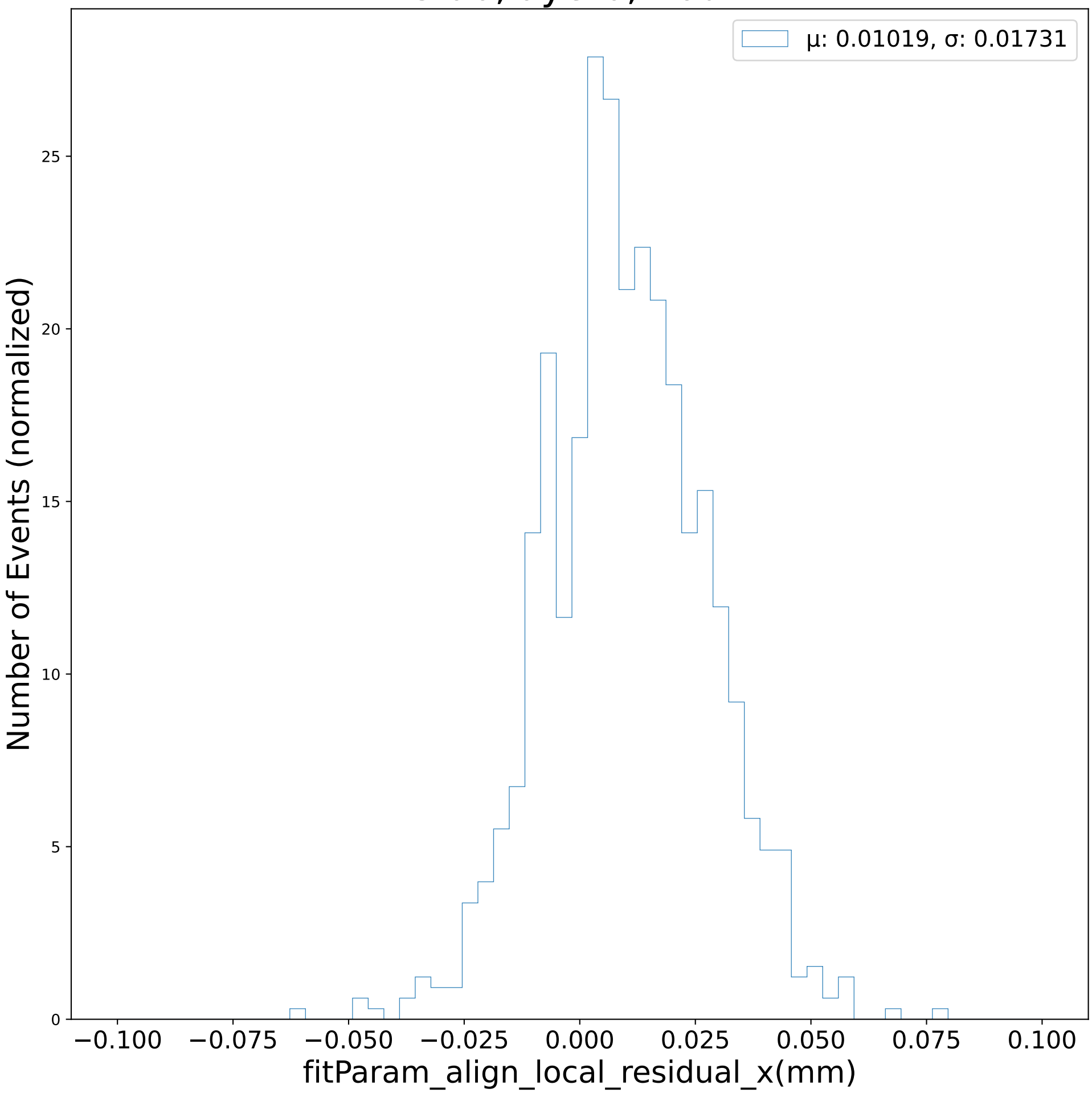

sta2,layer2
μ: -0.01132, σ: 0.03027
Number of Events (normalized)
0
2
4
6
8
10
12
14
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

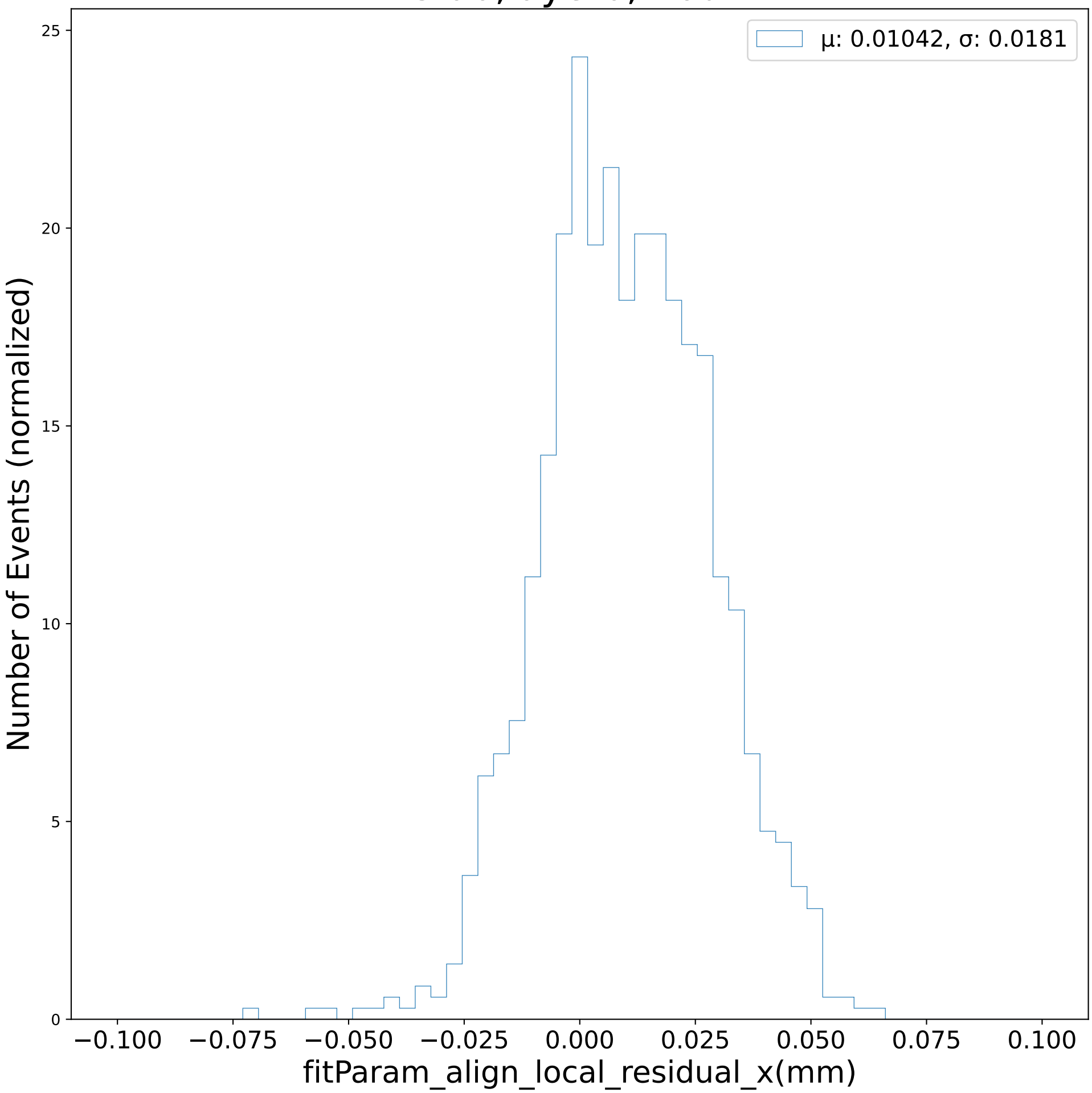

sta3,layer0
μ: 0.00265, σ: 0.02432
Number of Events (normalized)
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

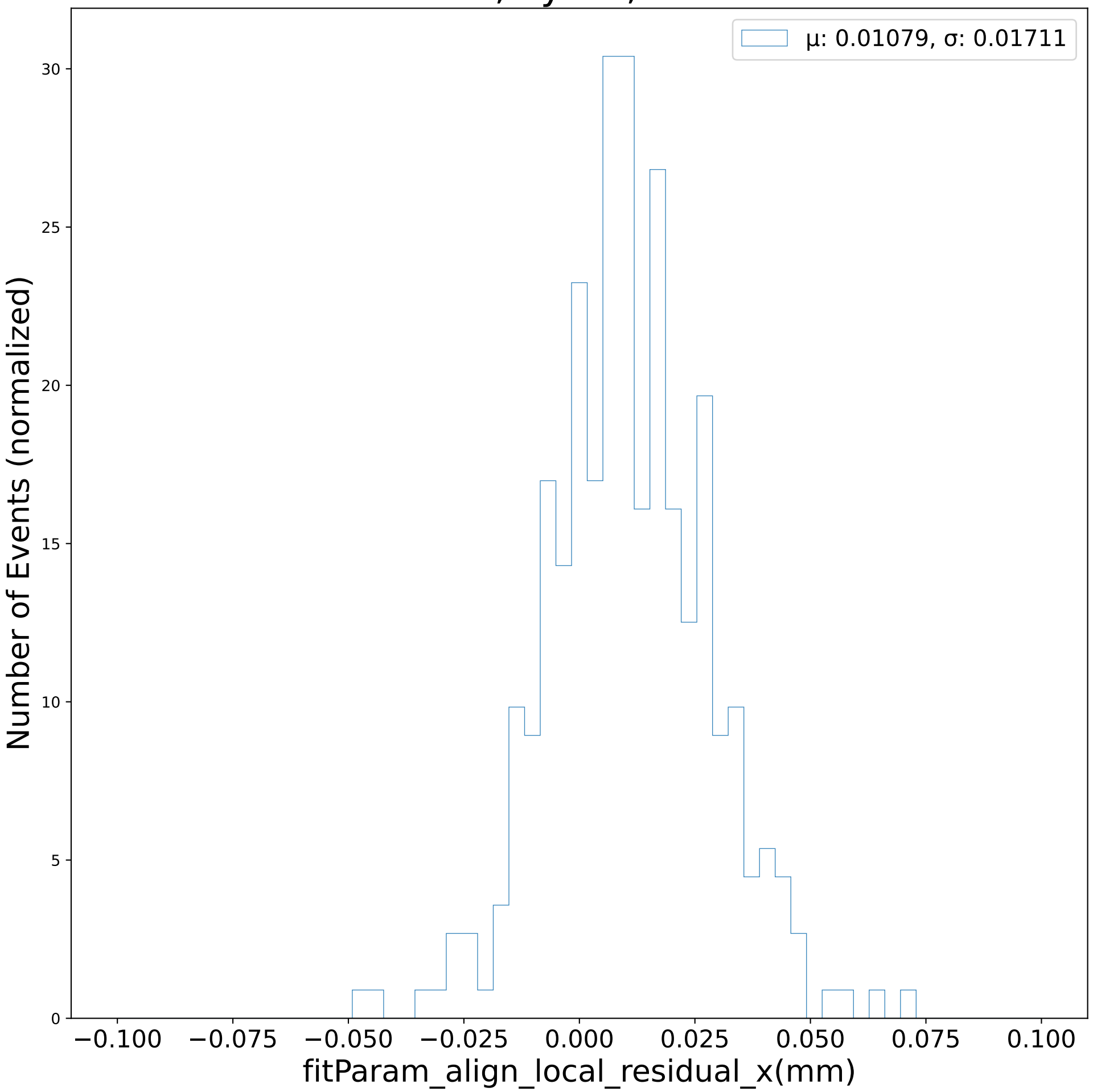

sta3,layer1
μ: 0.00446, σ: 0.02475
Number of Events (normalized)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

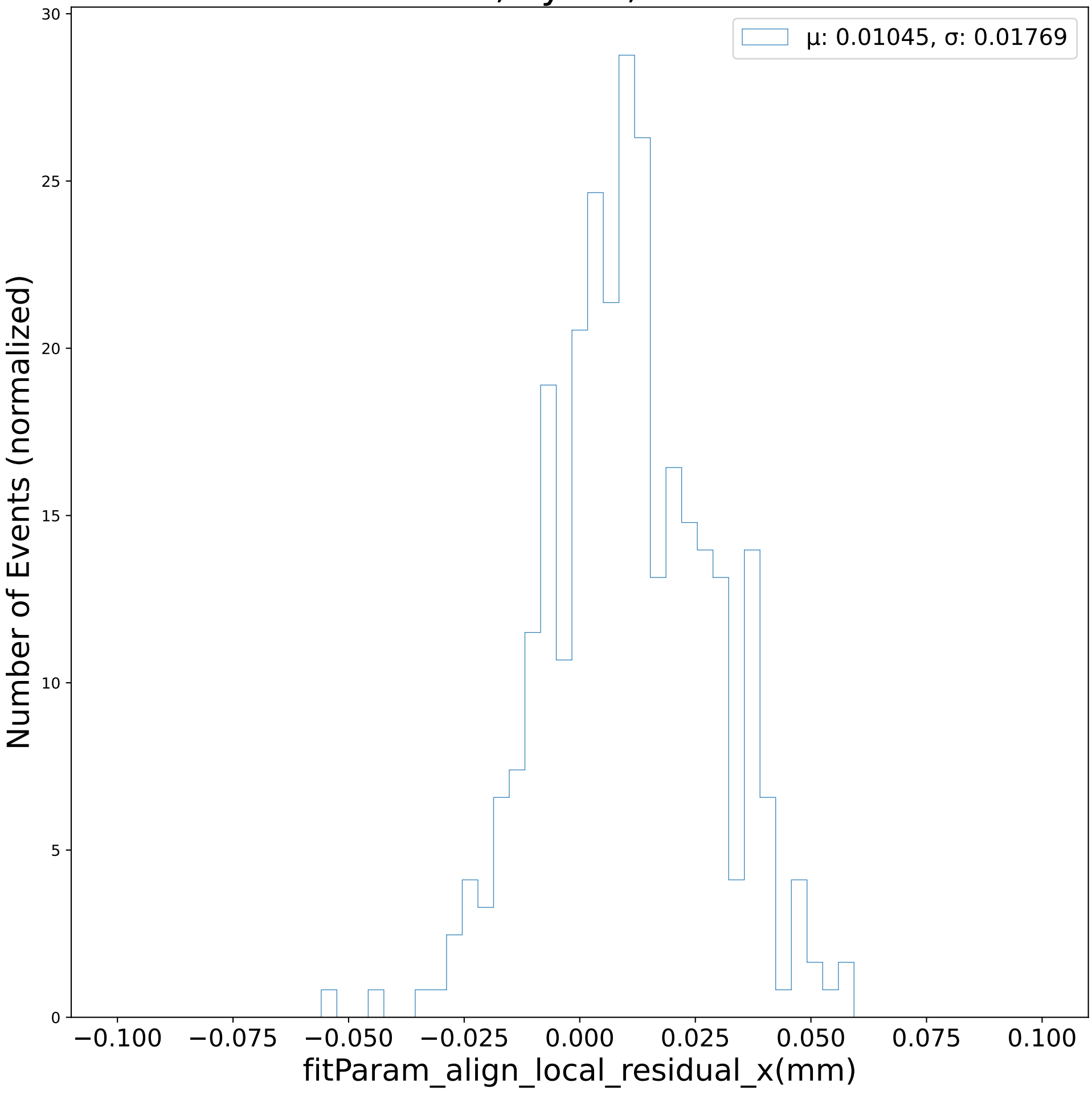

sta3,layer2
μ: 0.00595, σ: 0.02498
Number of Events (normalized)
0
2
4
6
8
10
12
14
16
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

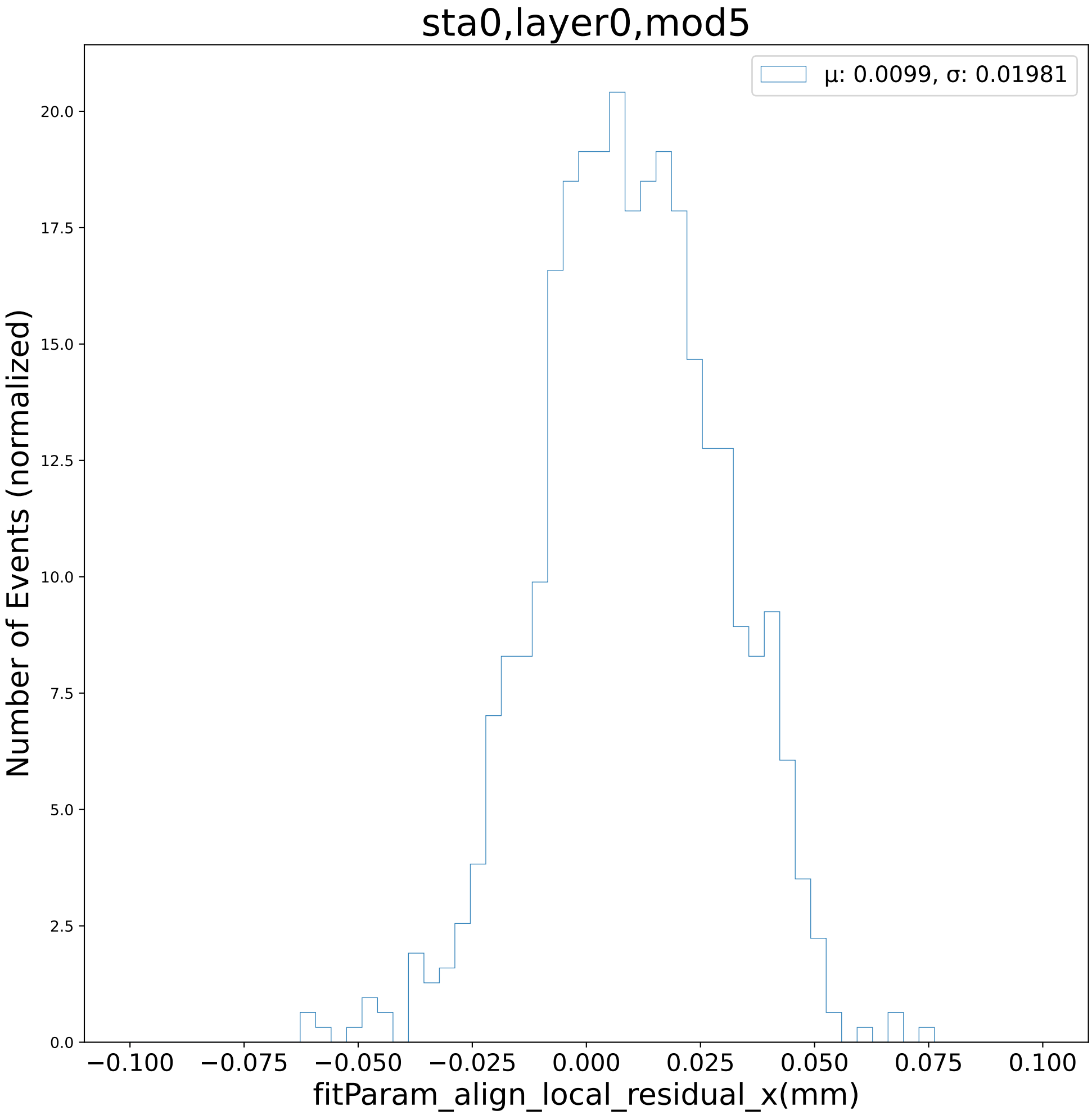

sta0,layer0,mod0
μ: 0.00947, σ: 0.02012
Number of Events (normalized)
0
5
10
20
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

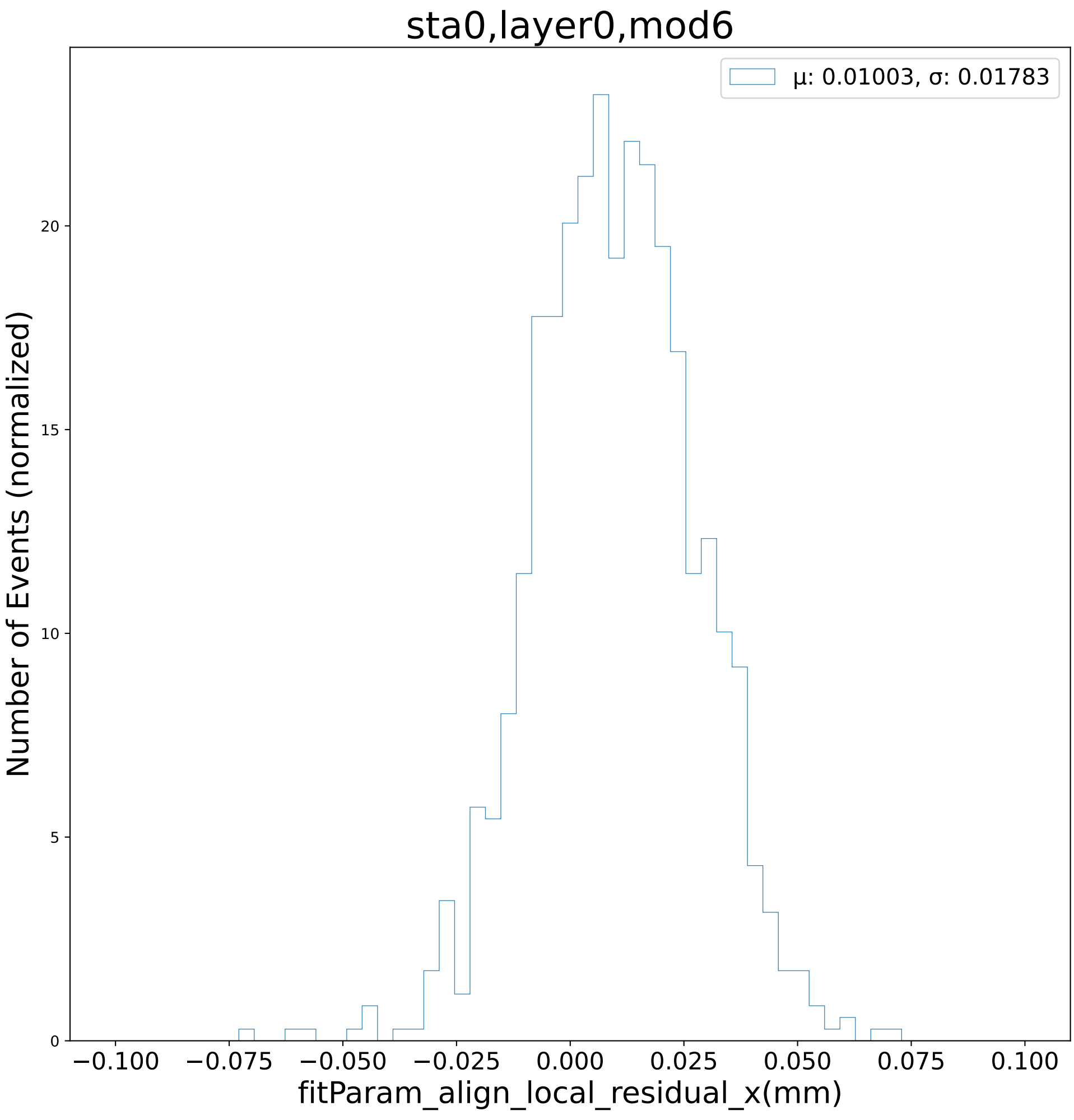

sta0,layer0,mod1
μ: 0.01019, σ: 0.01731
Number of Events (normalized)
0
5
10
15
20
25
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

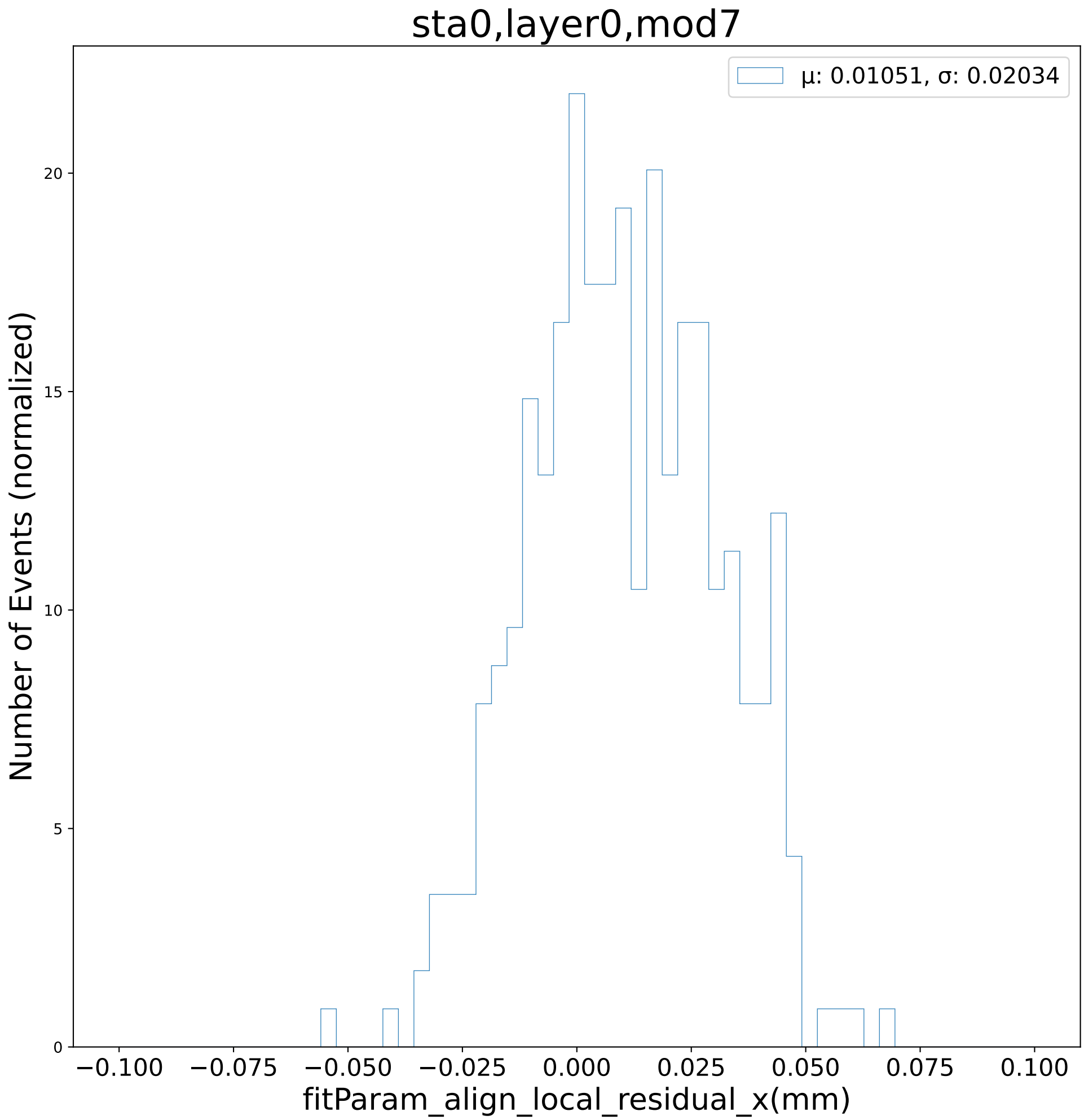

sta0,layer0,mod2
μ: 0.01042, σ: 0.0181
Number of Events (normalized)
25
20
15
10
5
0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

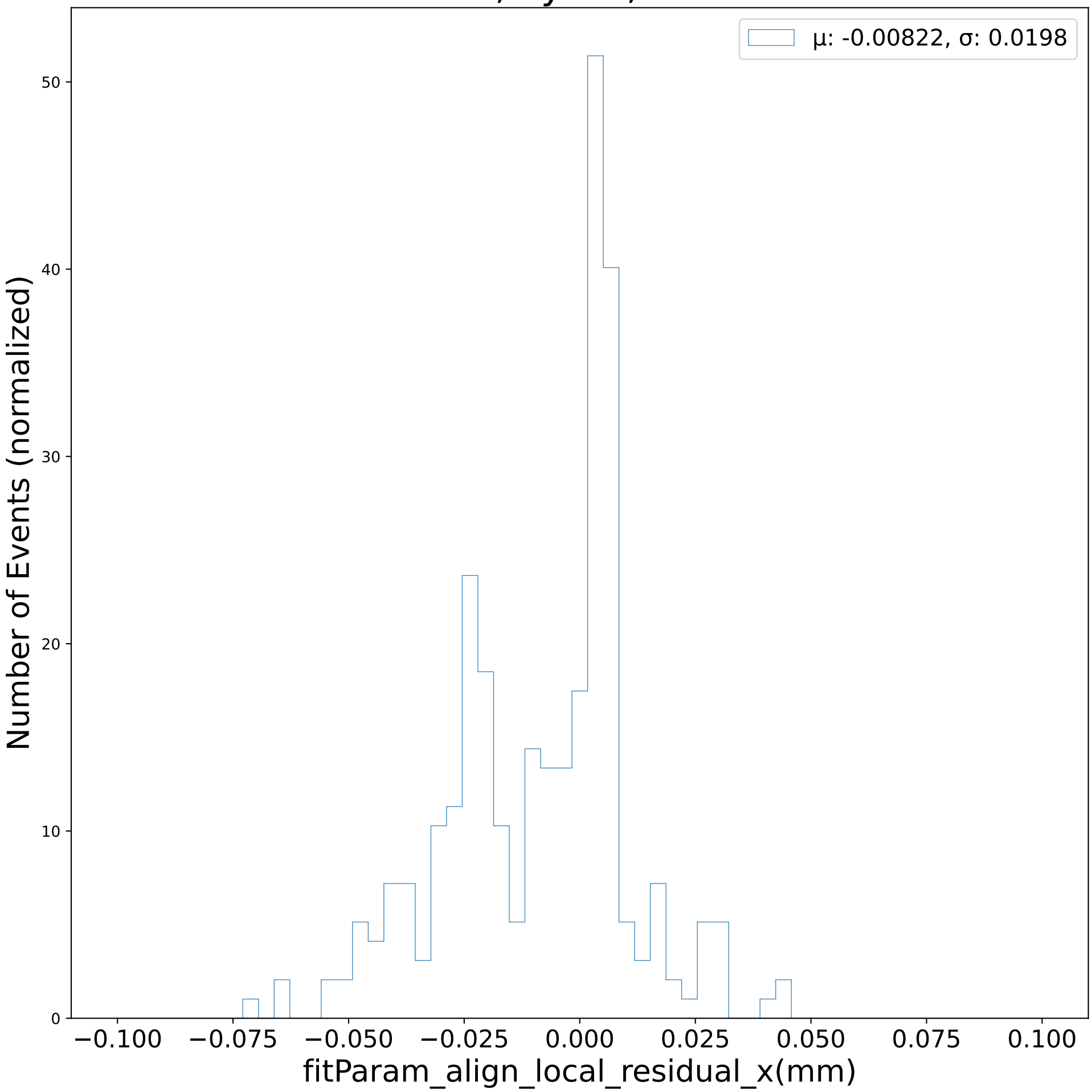

sta0,layer0,mod3
μ: 0.01079, σ: 0.01711
Number of Events (normalized)
0
5
10
15
20
25
30
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

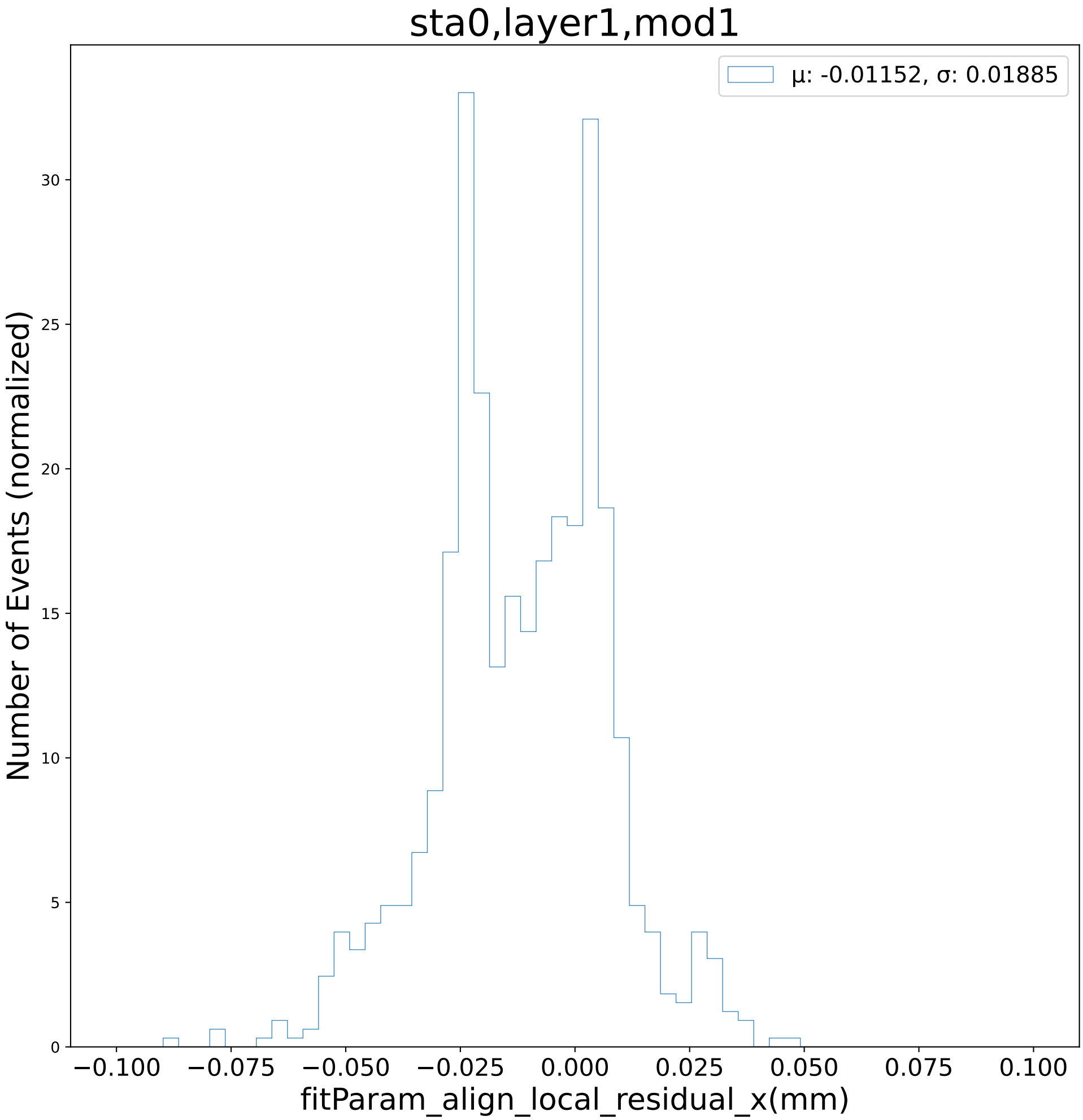

sta0,layer0,mod4
μ: 0.01045, σ: 0.01769
Number of Events (normalized)
fitParam_align_local_residual_x(mm)
0
5
10
15
20
25
30
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100

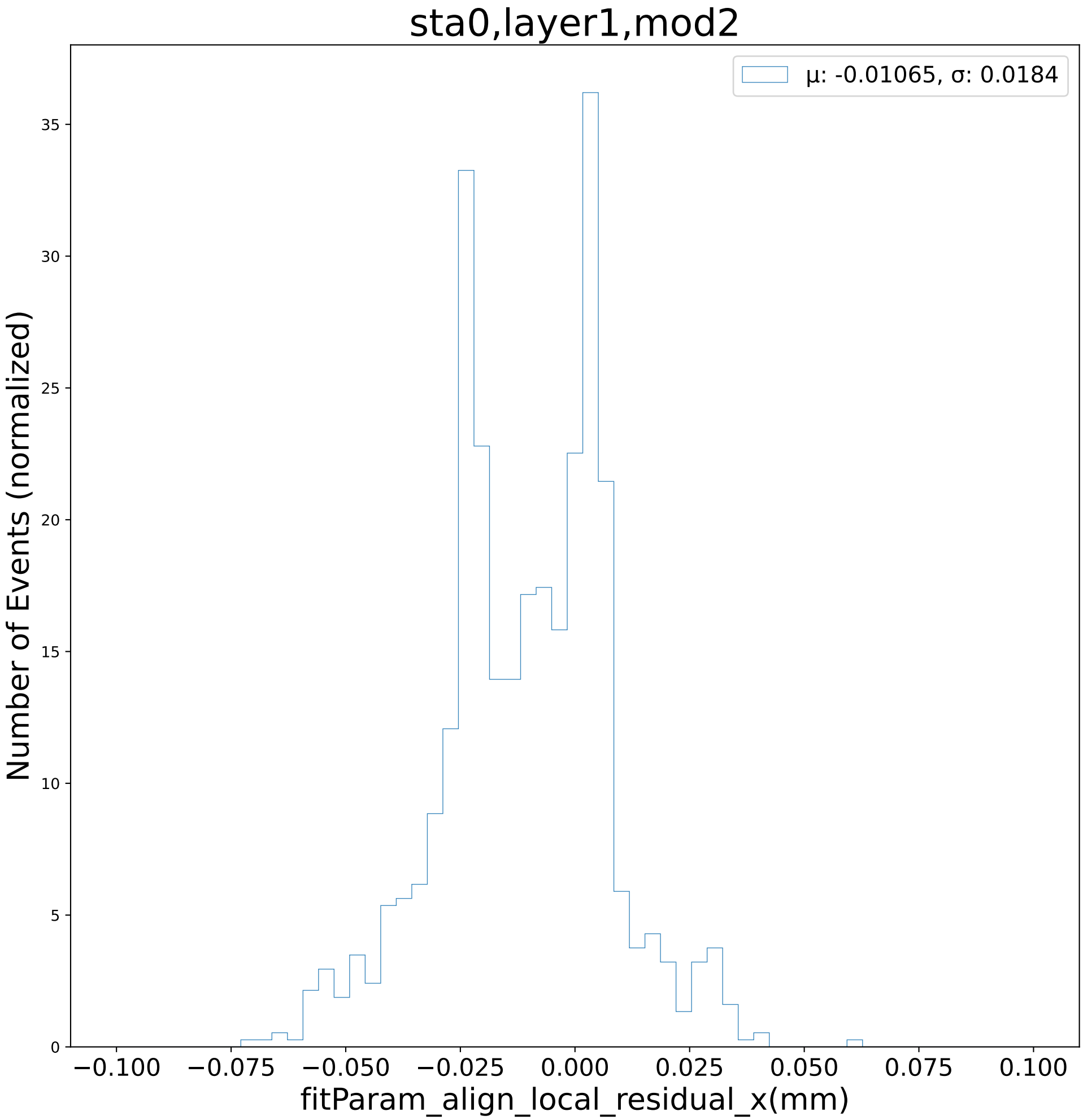

sta0,layer0,mod5
μ: 0.0099, σ: 0.01981
Number of Events (normalized)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

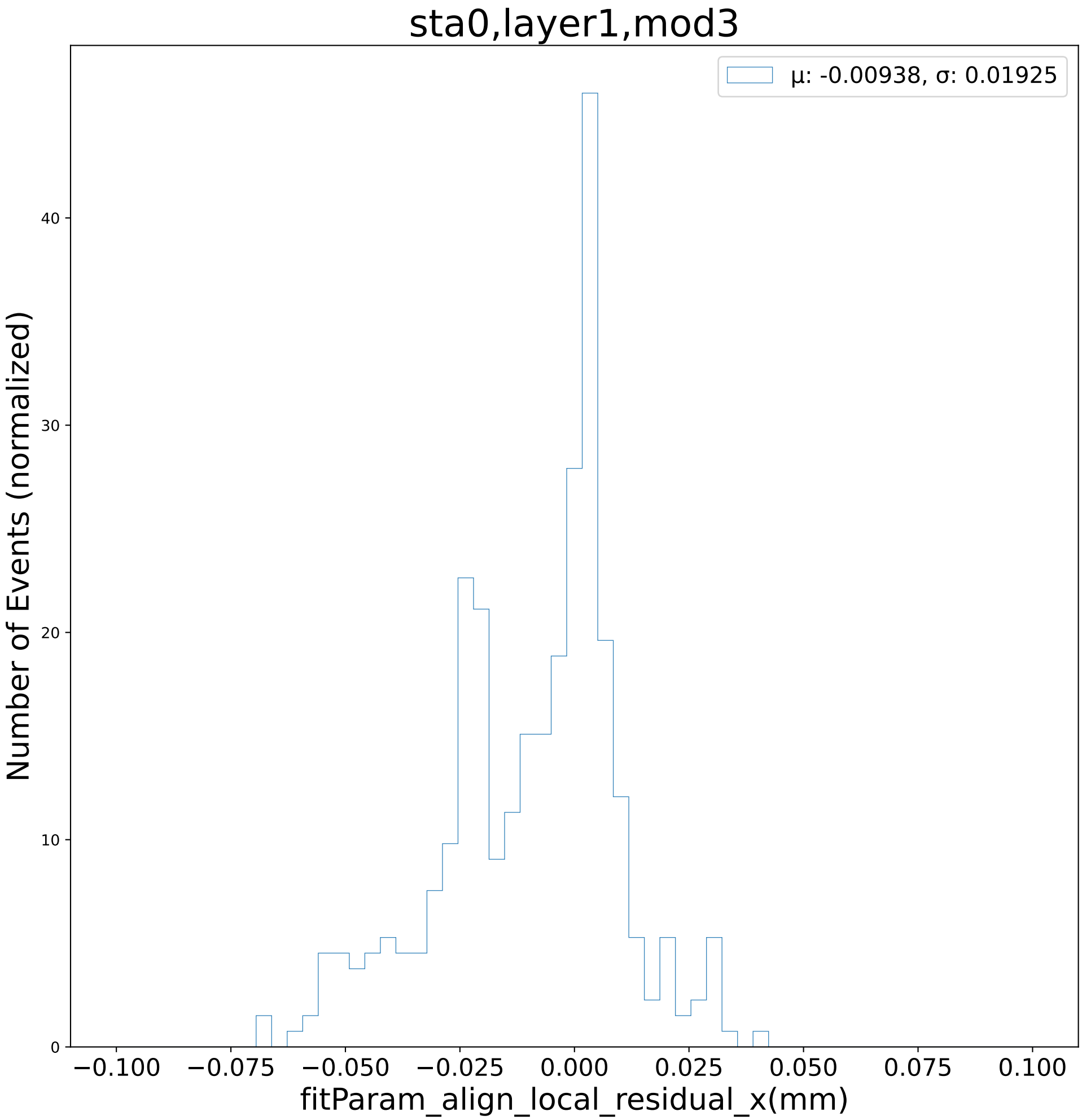

sta0,layer0,mod6
μ: 0.01003, σ: 0.01783
Number of Events (normalized)
0
5
10
20
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

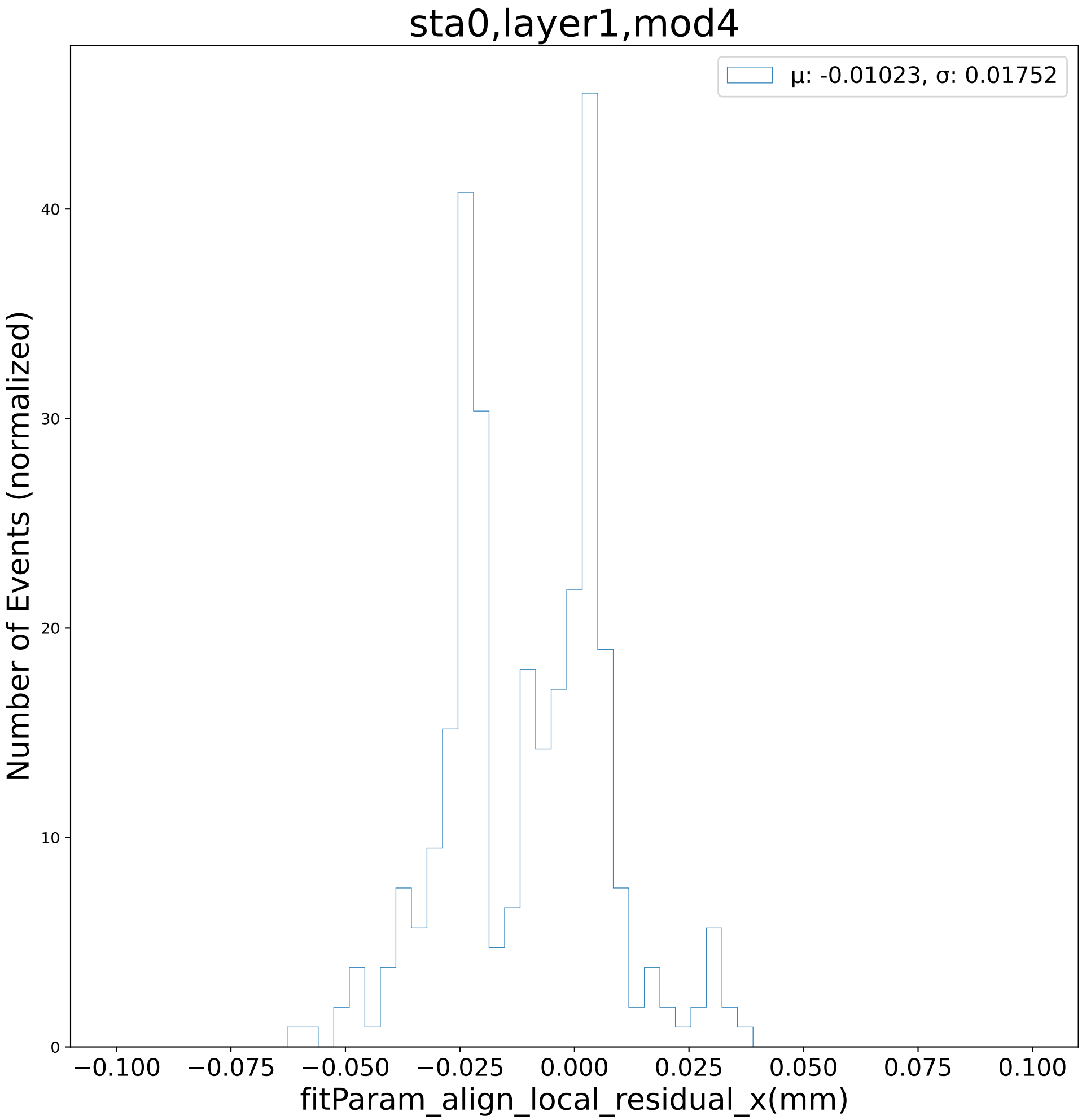

sta0,layer0,mod7
μ: 0.01051, σ: 0.02034
Number of Events (normalized)
0
5
10
15
20
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

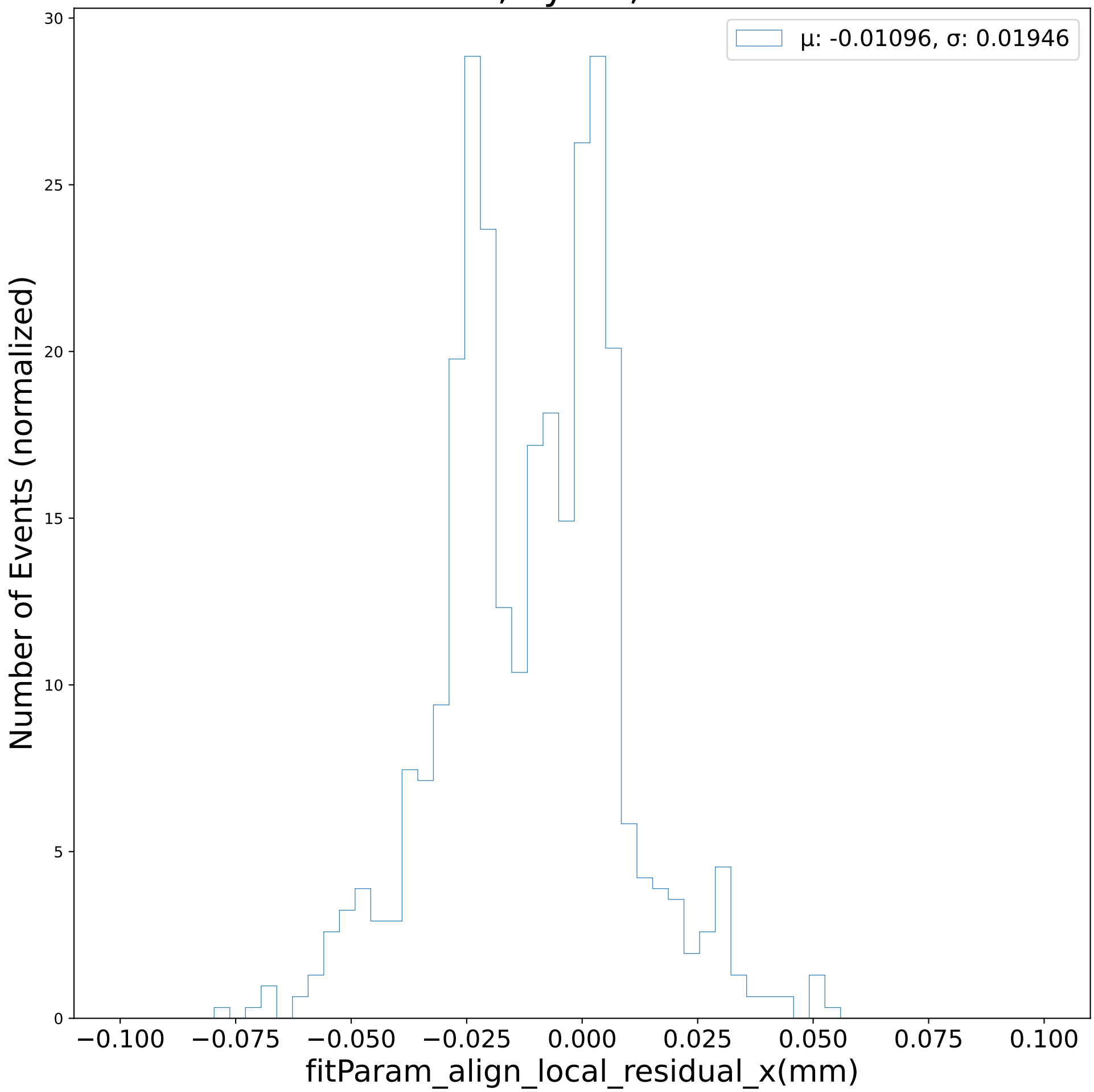

sta0,layer1,mod0
μ: -0.00822, σ: 0.0198
Number of Events (normalized)
0
10
20
30
40
50
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

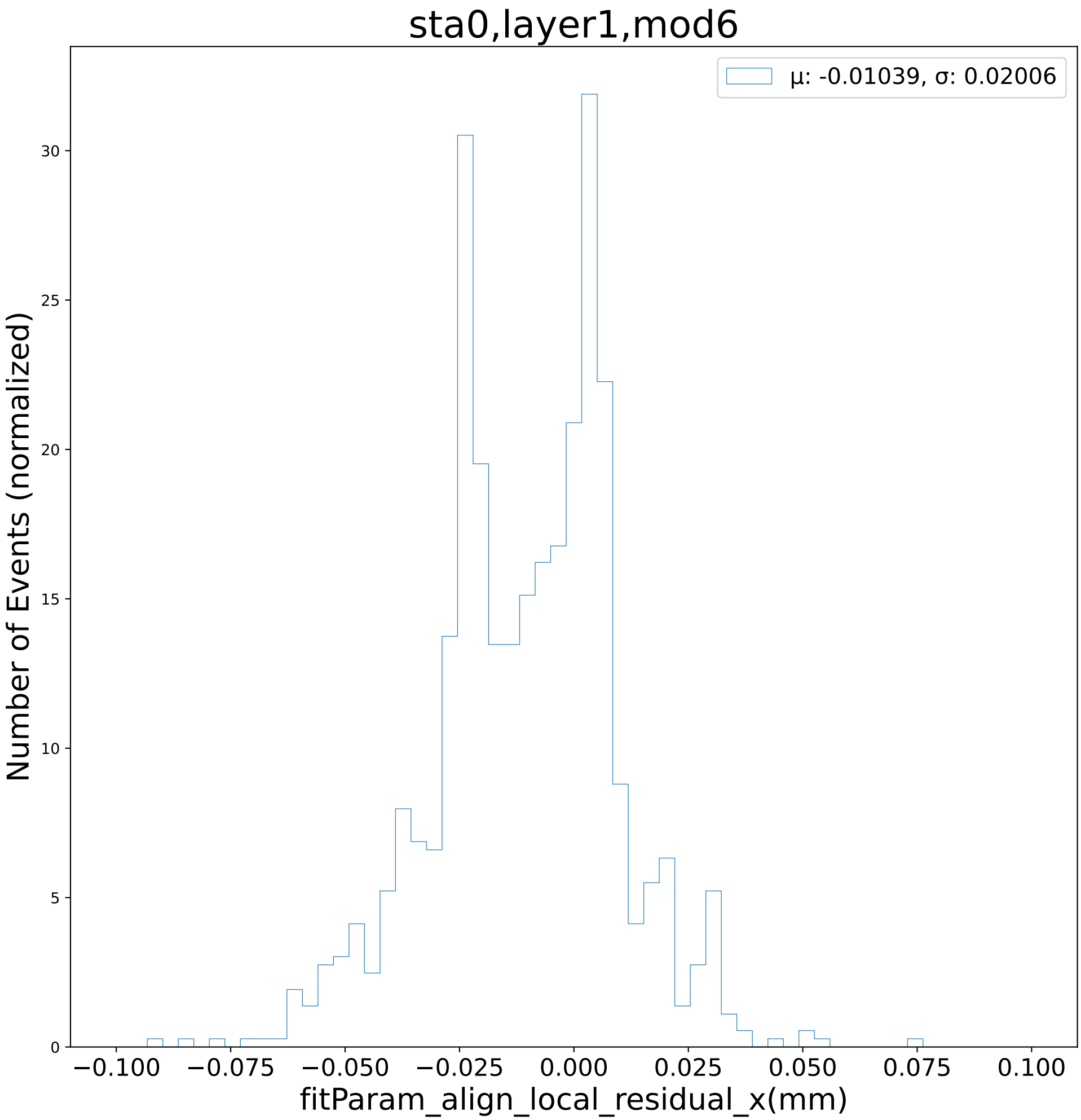

sta0,layer1,mod1
μ: -0.01152, σ: 0.01885
Number of Events (normalized)
0
5
10
15
20
25
30
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

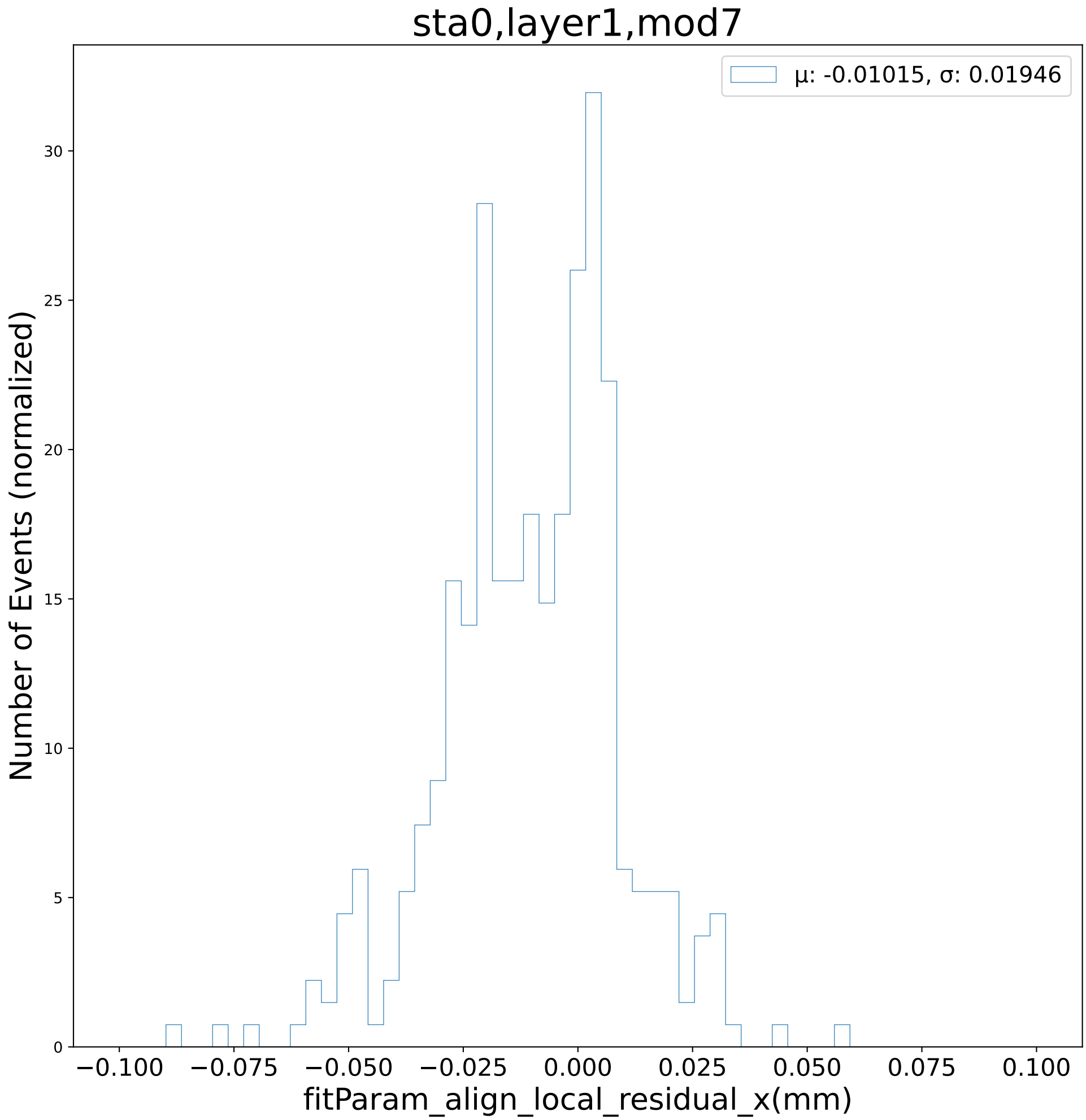

sta0,layer1,mod2
μ: -0.01065, σ: 0.0184
Number of Events (normalized)
0
5
10
15
20
25
30
35
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

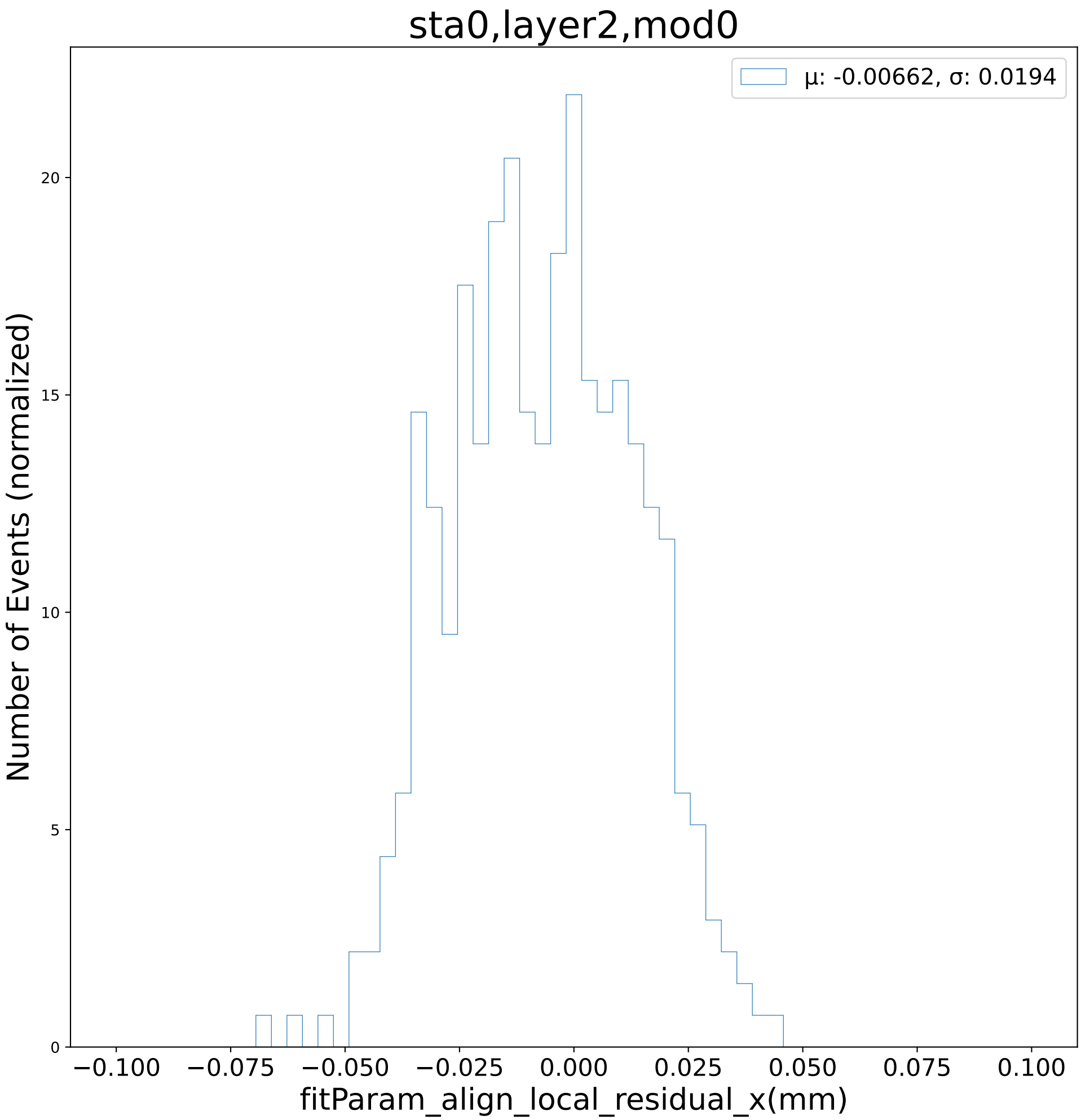

sta0,layer1,mod3
μ: -0.00938, σ: 0.01925
Number of Events (normalized)
0
10
20
30
40
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

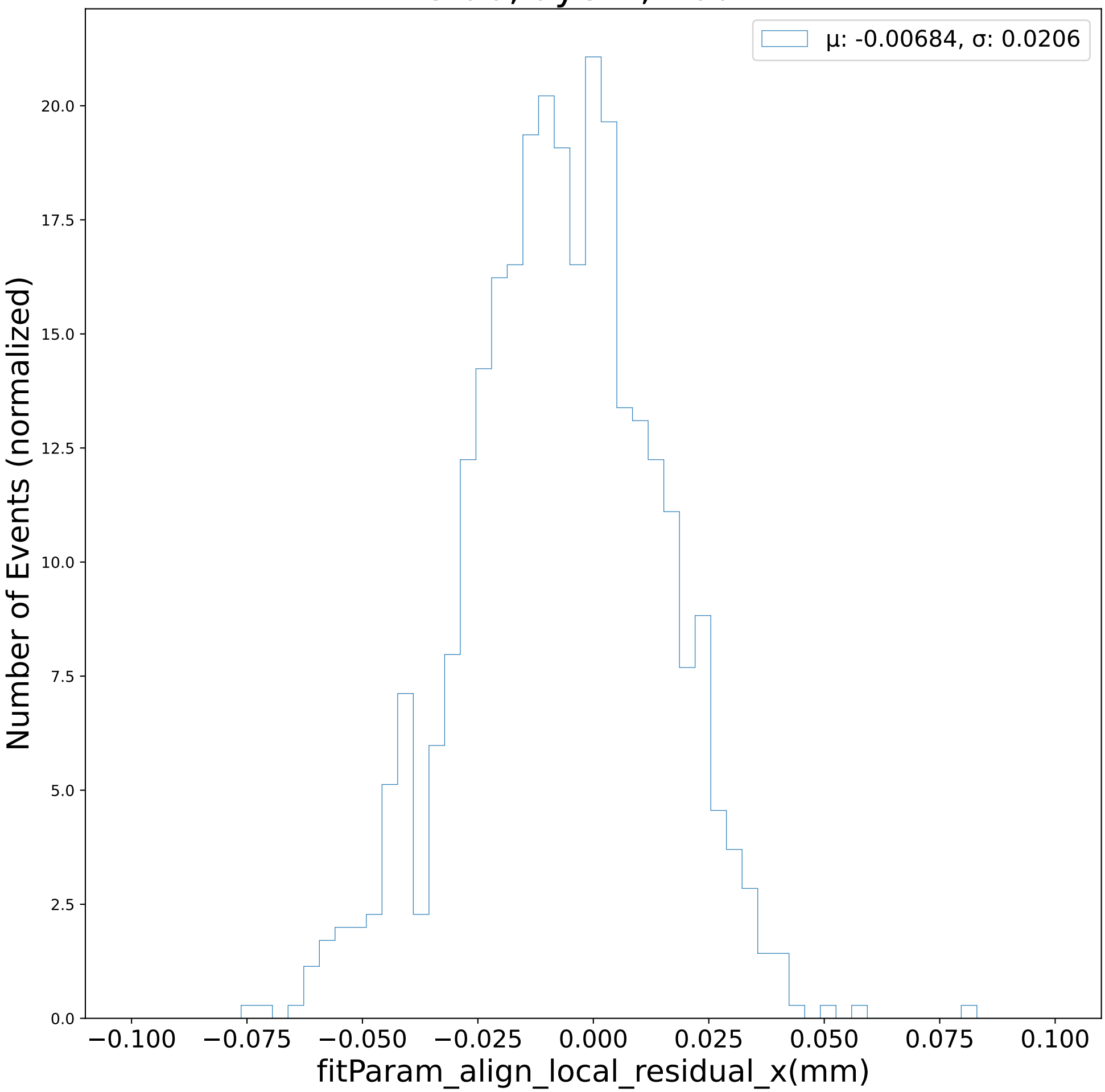

sta0,layer1,mod4
μ: -0.01023, σ: 0.01752
Number of Events (normalized)
0
10
20
30
40
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

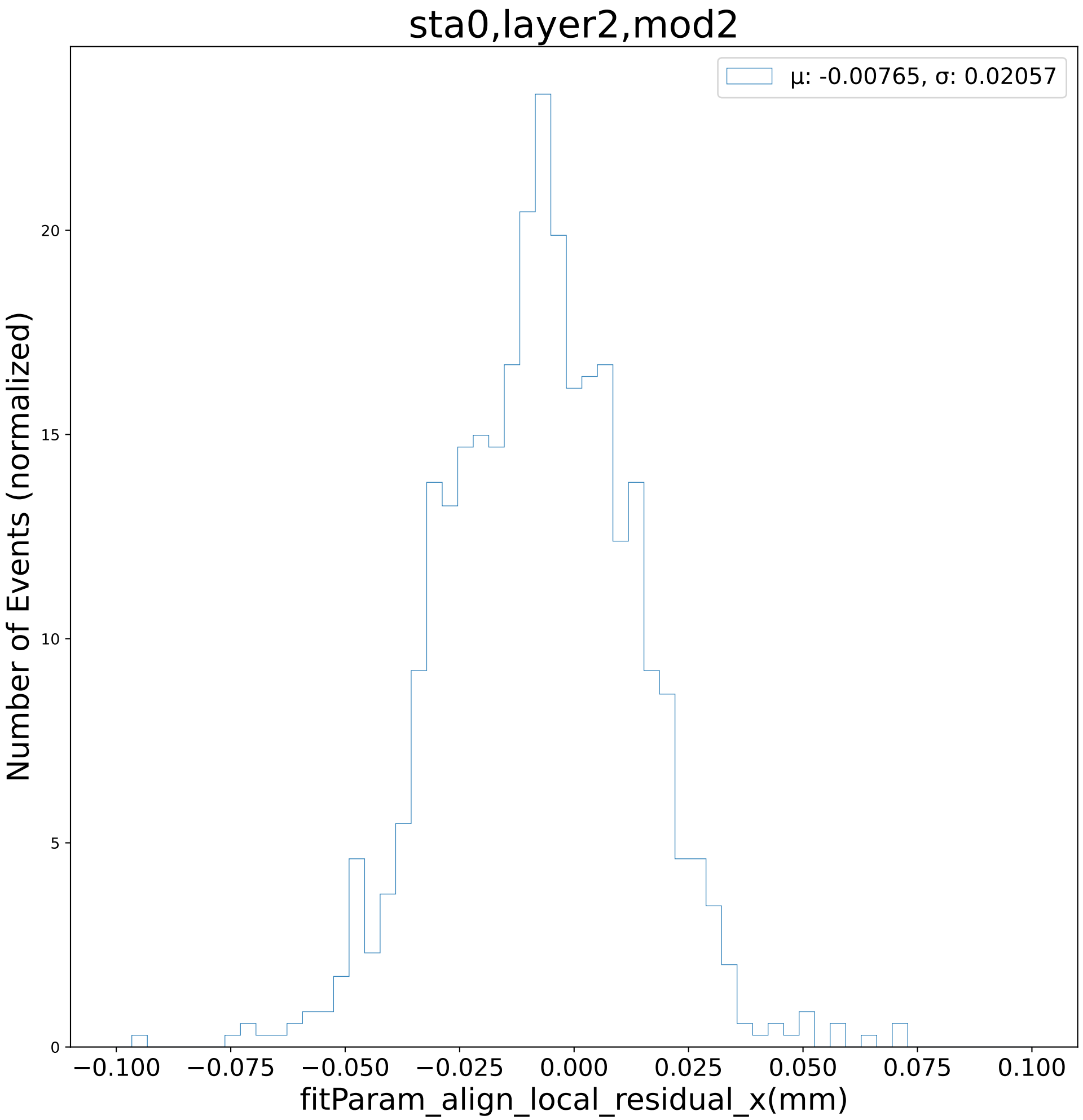

sta0,layer1,mod5
μ: -0.01096, σ: 0.01946
Number of Events (normalized)
0
5
10
15
20
25
30
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

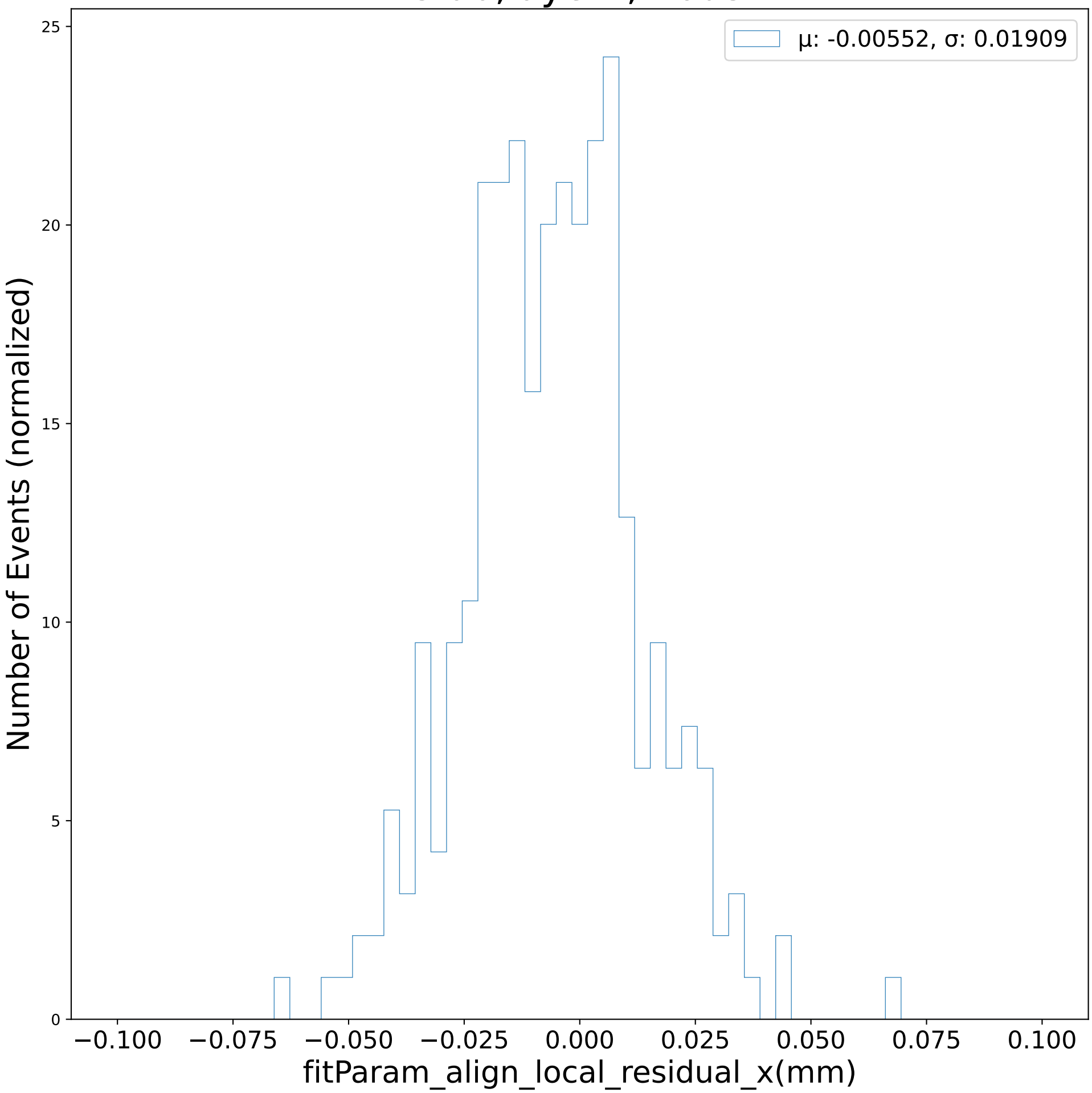

sta0,layer1,mod6
μ: -0.01039, σ: 0.02006
Number of Events (normalized)
0
5
10
15
20
25
30
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

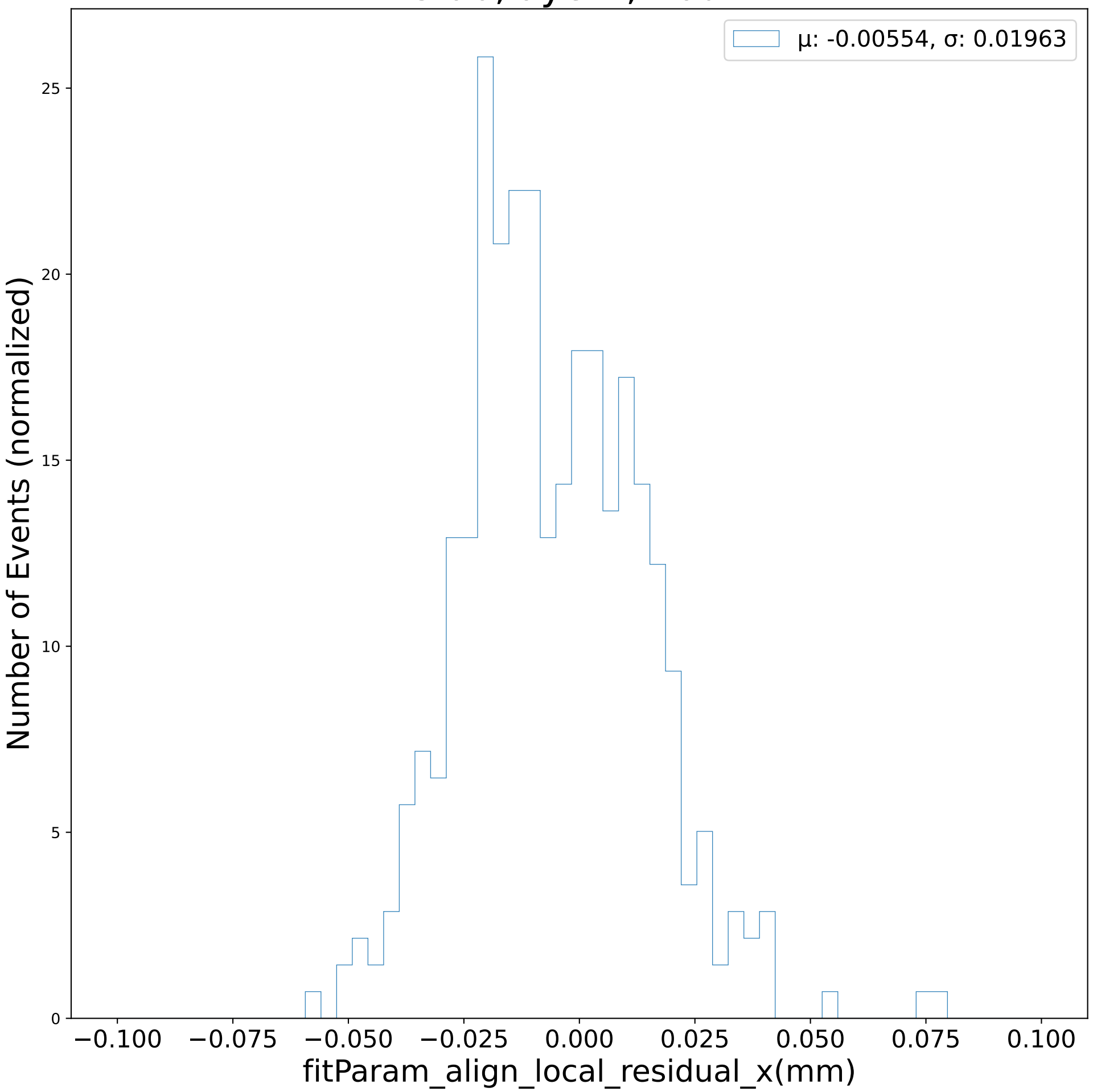

sta0,layer1,mod7
μ: -0.01015, σ: 0.01946
Number of Events (normalized)
0
5
10
15
20
25
30
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

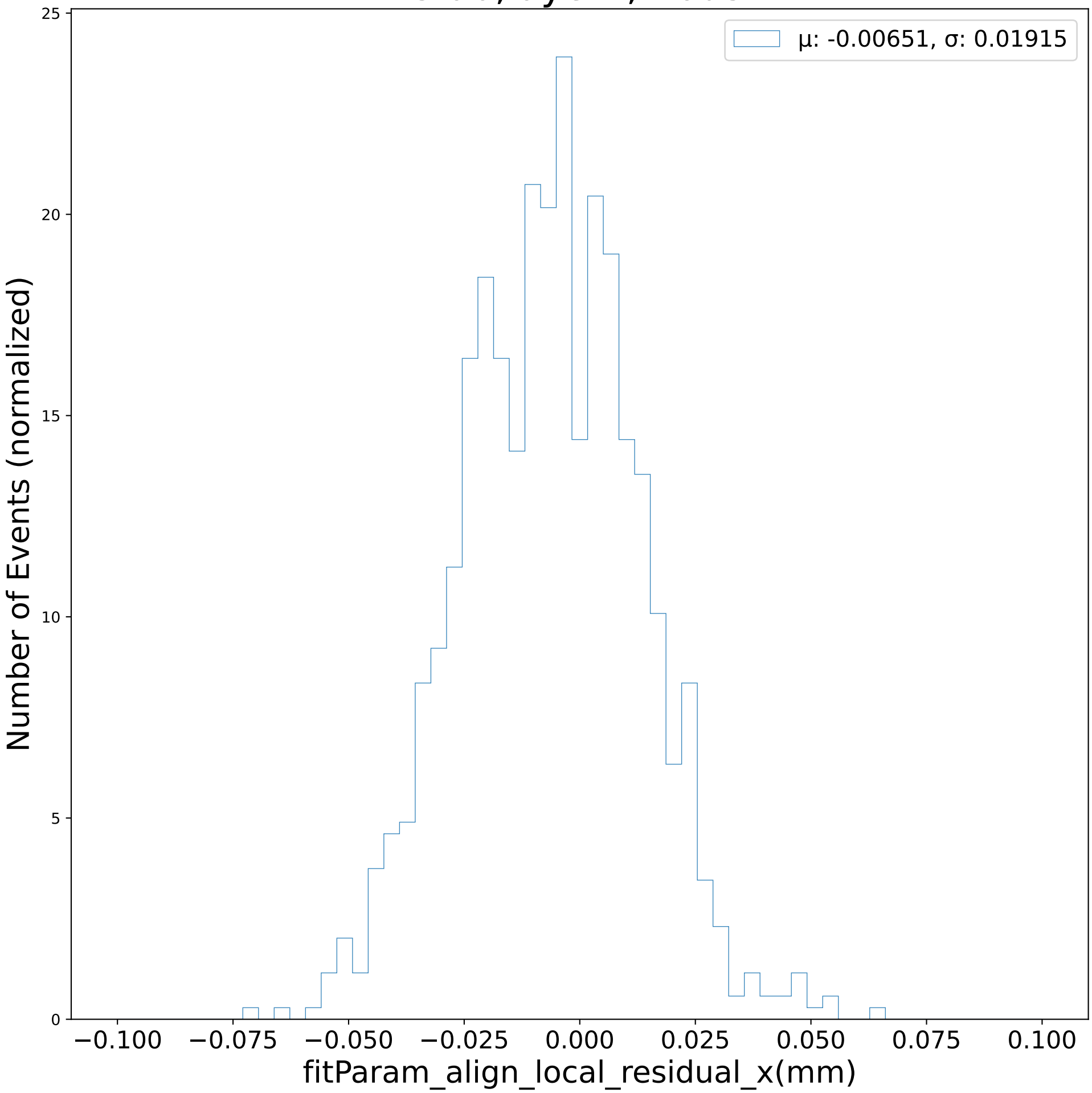

sta0,layer2,mod0
μ: -0.00662, σ: 0.0194
Number of Events (normalized)
0
5
10
15
20
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

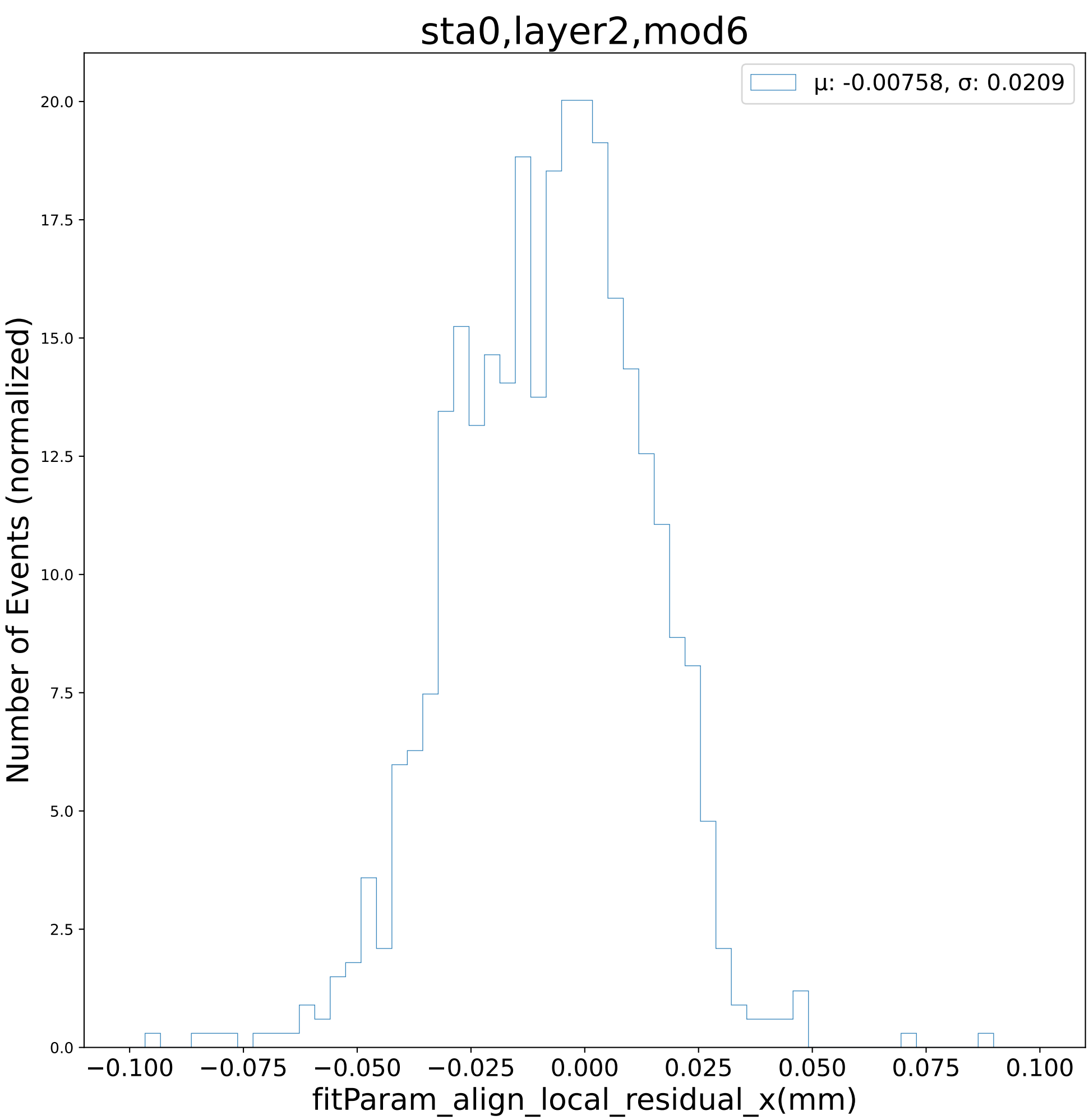

sta0,layer2,mod1
μ: -0.00684, σ: 0.0206
Number of Events (normalized)
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

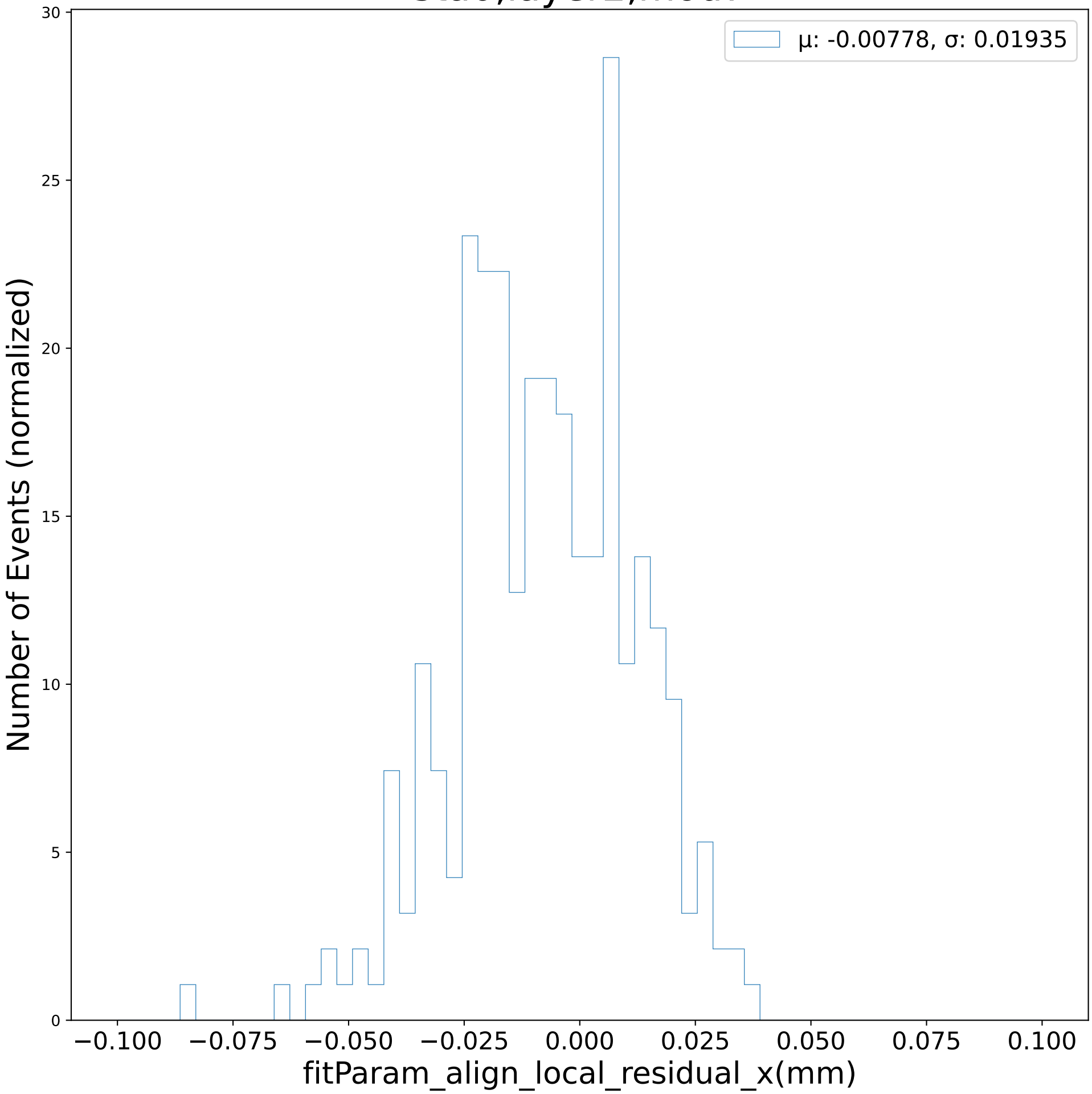

sta0,layer2,mod2
μ: -0.00765, σ: 0.02057
Number of Events (normalized)
0
5
10
15
20
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

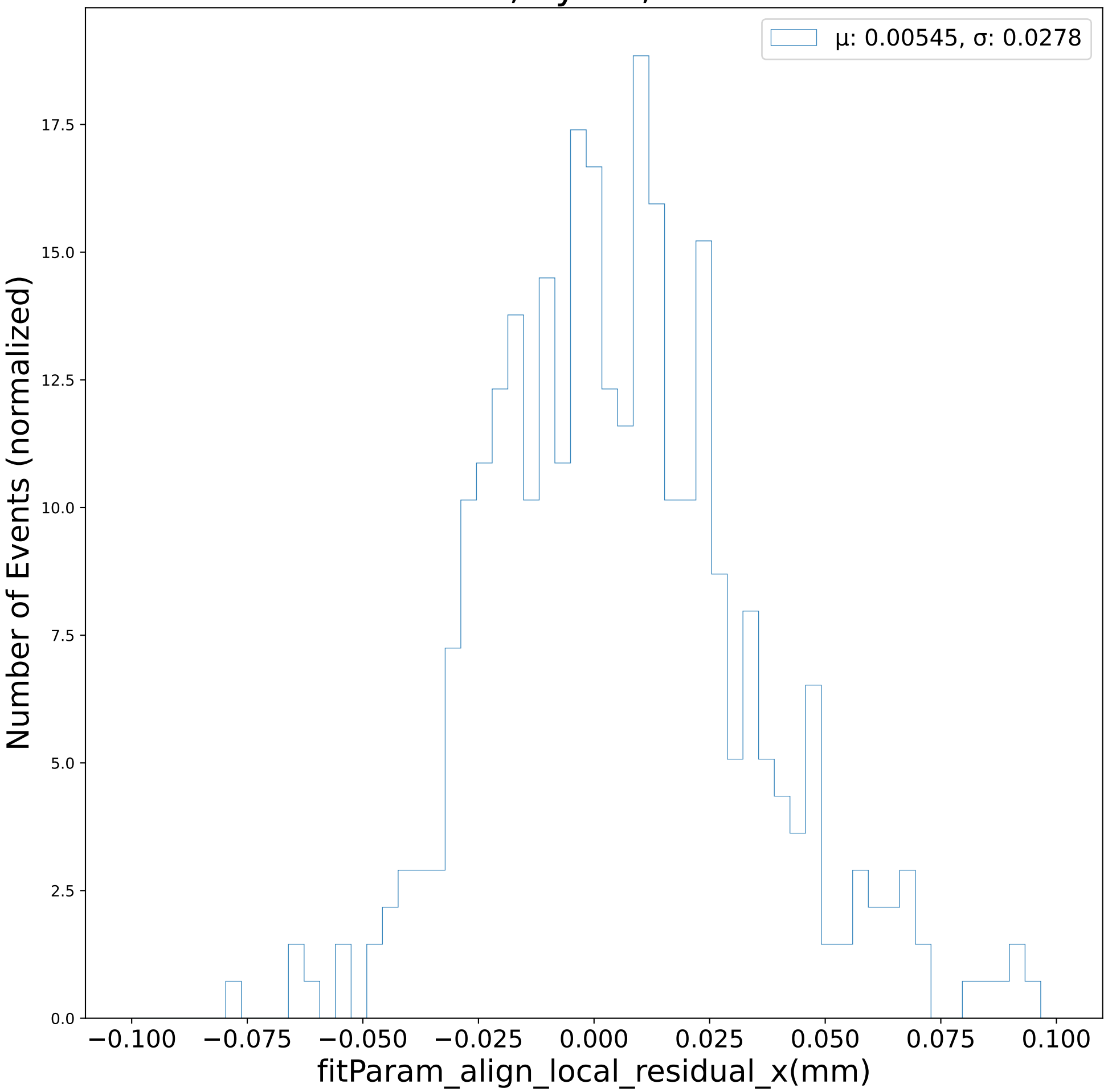

sta0,layer2,mod3
μ: -0.00552, σ: 0.01909
Number of Events (normalized)
25
20
15
10
5
0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

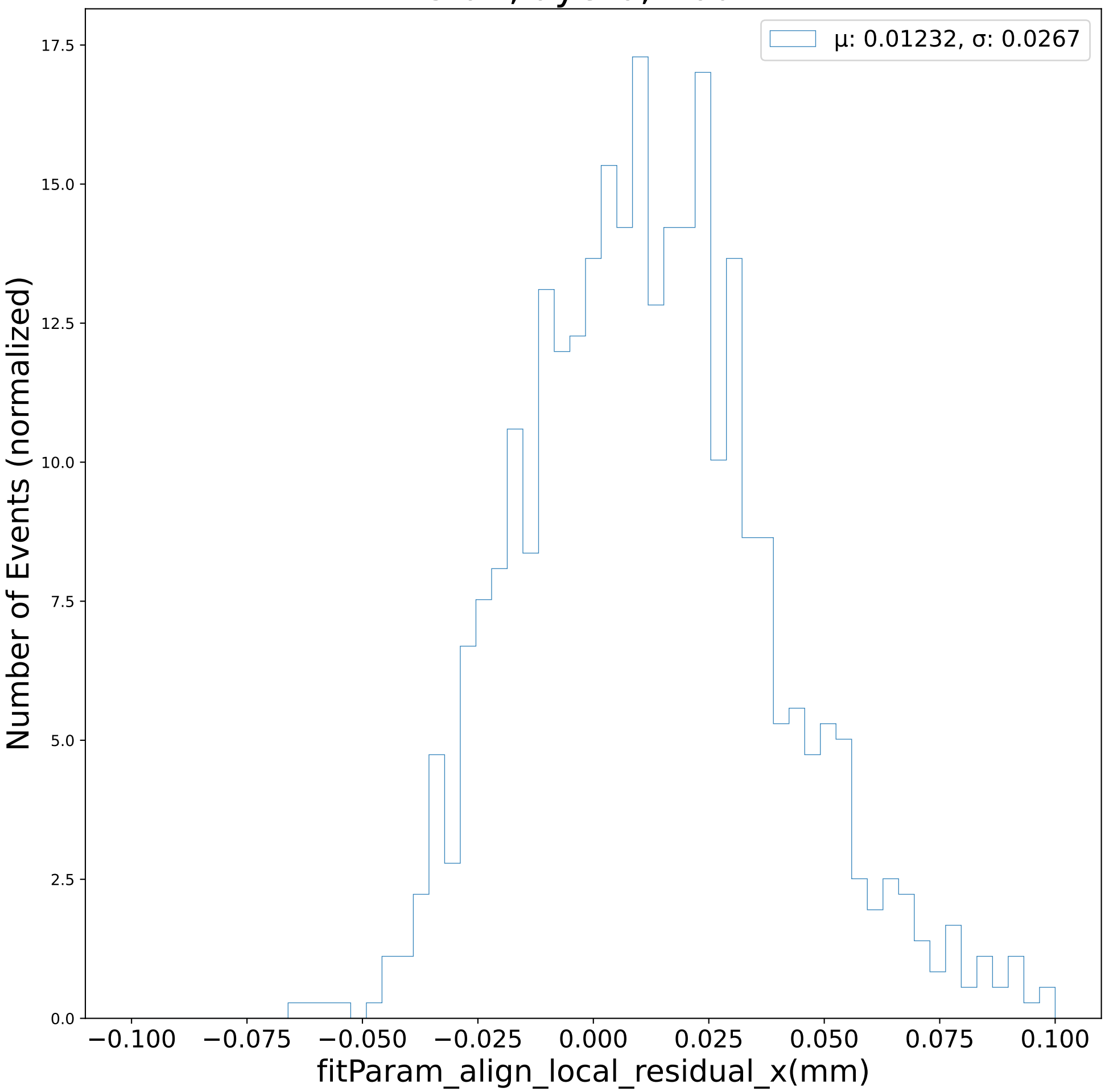

sta0,layer2,mod4
μ: -0.00554, σ: 0.01963
Number of Events (normalized)
0
5
10
15
20
25
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

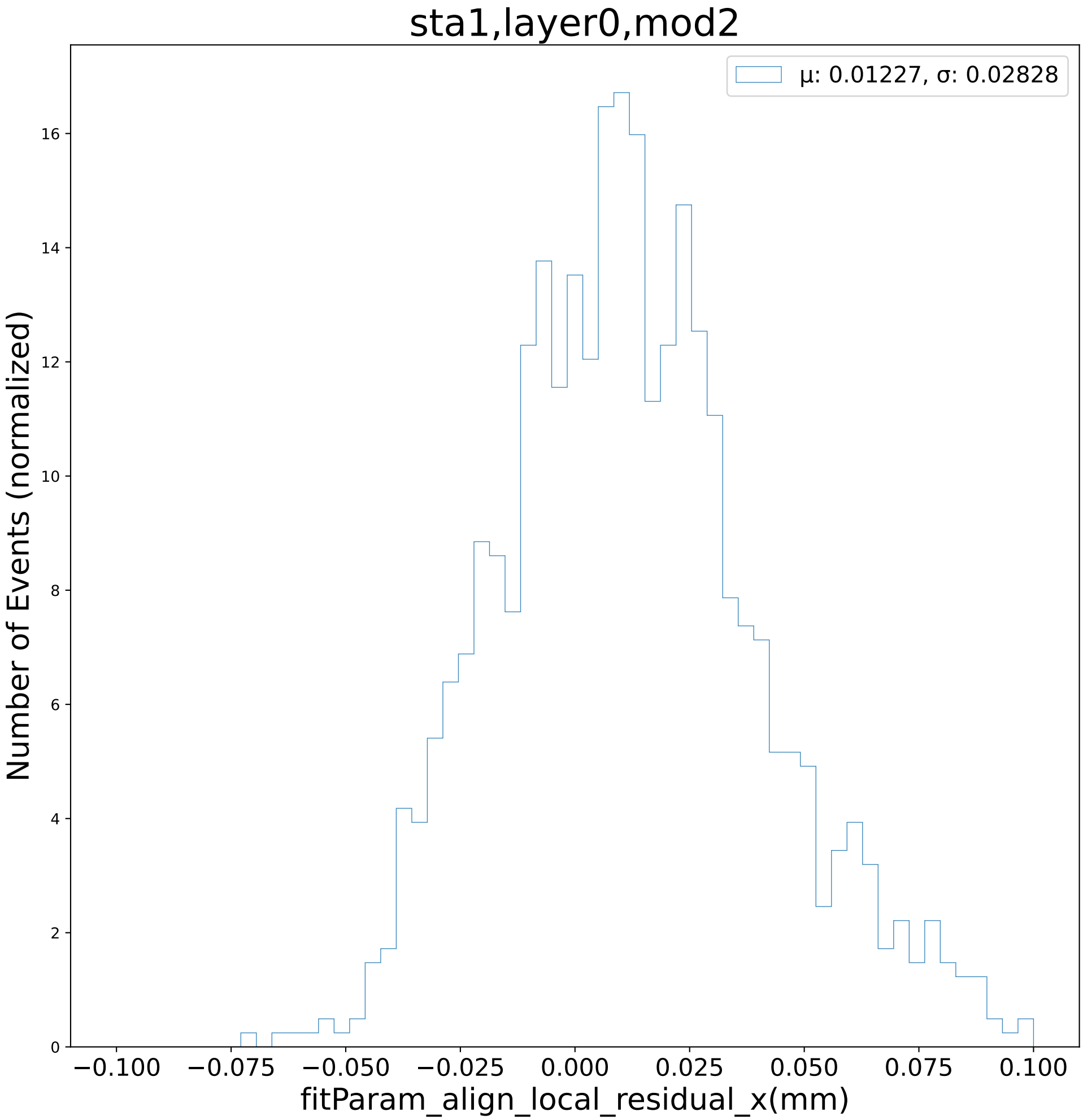

sta0,layer2,mod5
μ: -0.00651, σ: 0.01915
Number of Events (normalized)
25
20
15
10
5
0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

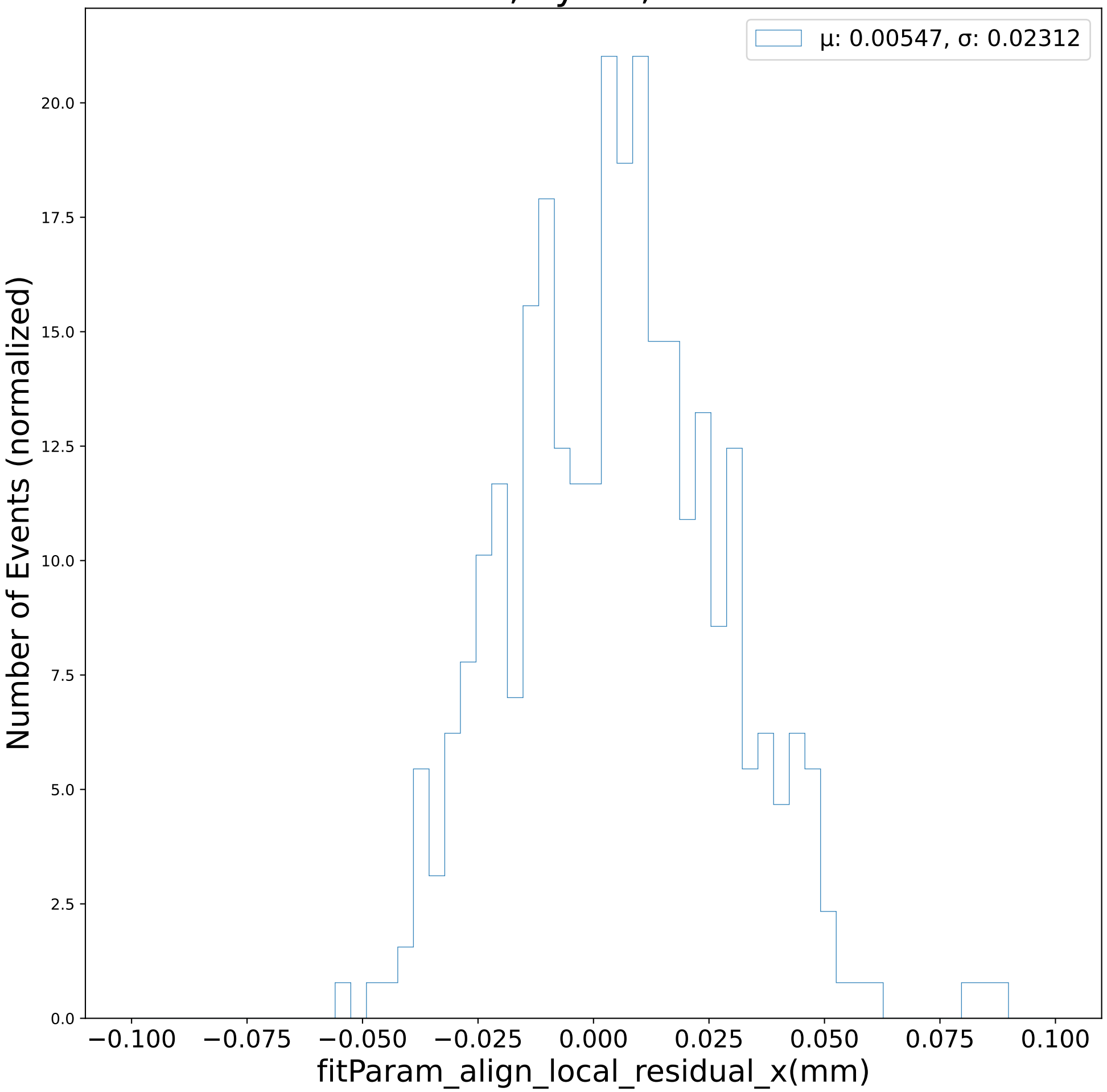

sta0,layer2,mod6
μ: -0.00758, σ: 0.0209
Number of Events (normalized)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

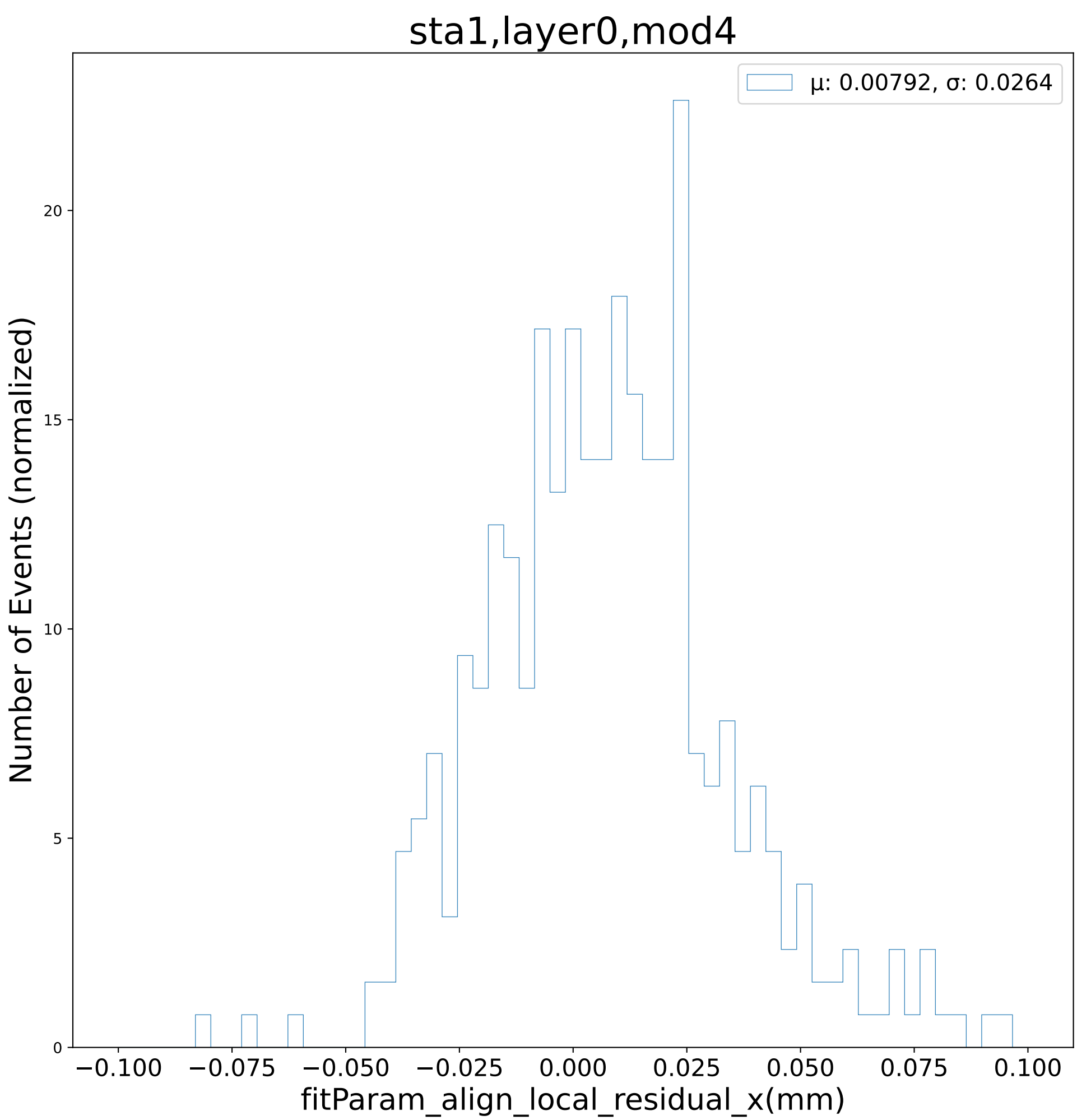

sta0,layer2,mod7
μ: -0.00778, σ: 0.01935
Number of Events (normalized)
0
5
10
15
20
25
30
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

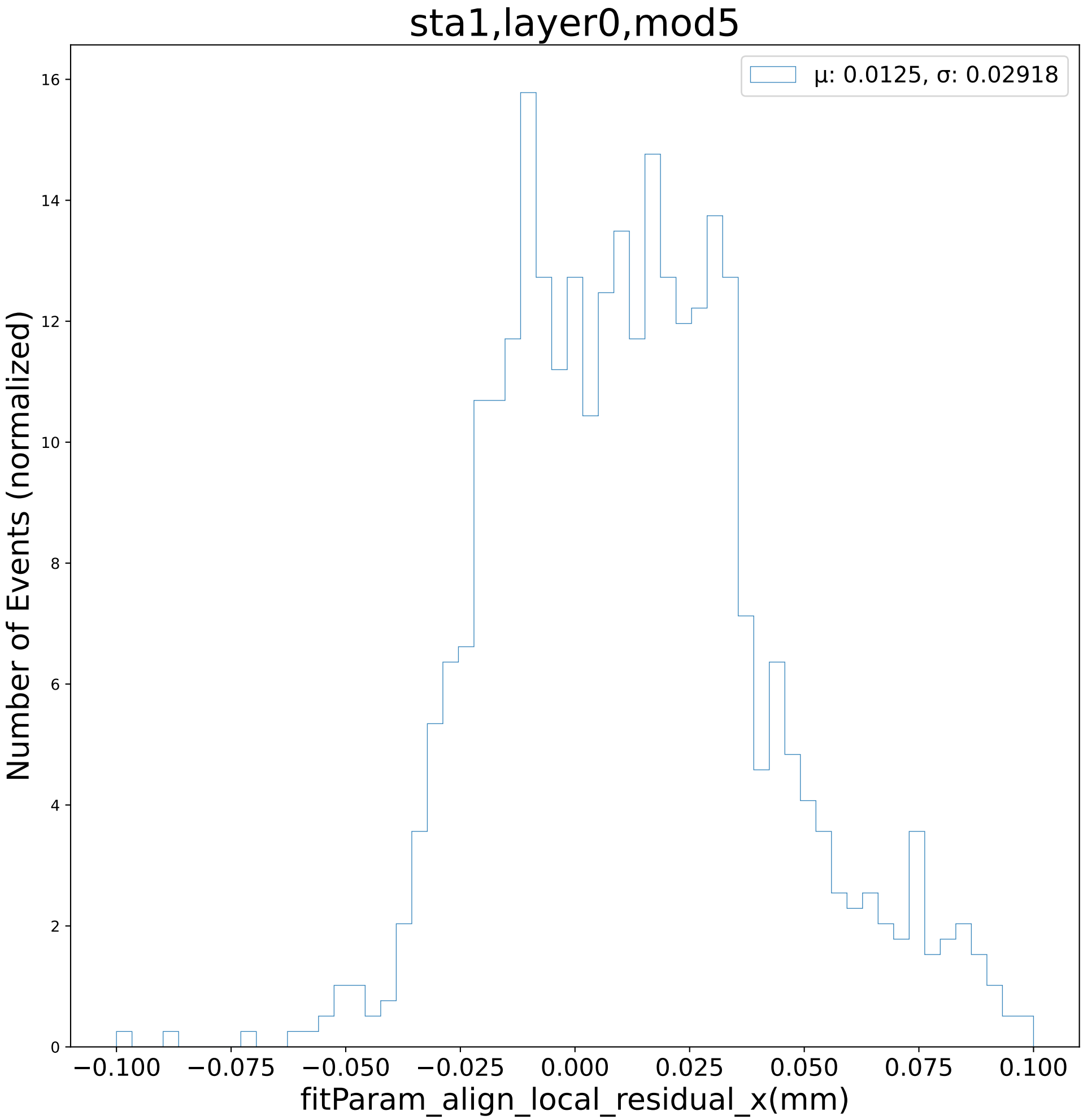

sta1,layer0,mod0
μ: 0.00545, σ: 0.0278
Number of Events (normalized)
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

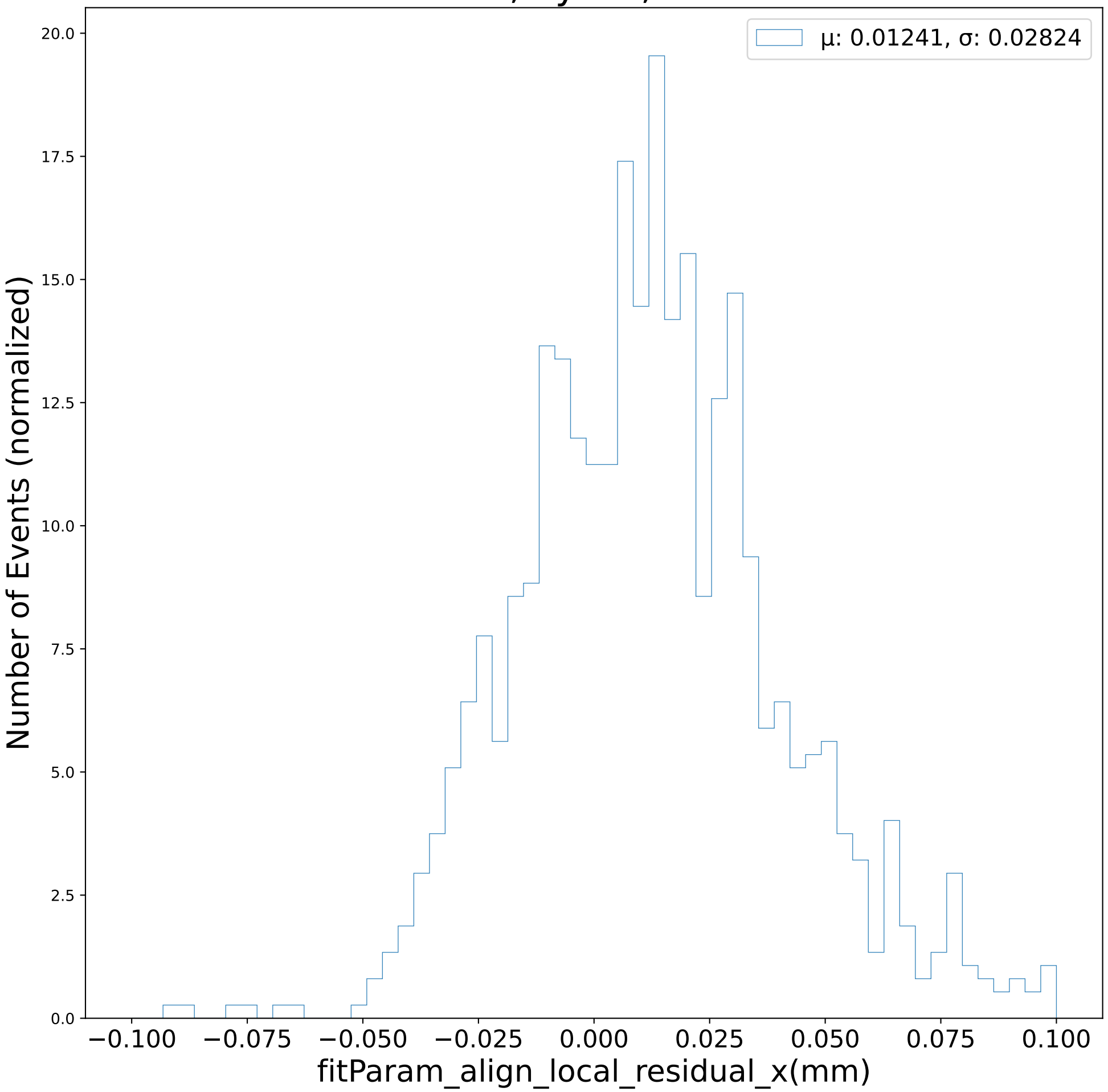

sta1,layer0,mod1
μ: 0.01232, σ: 0.0267
Number of Events (normalized)
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

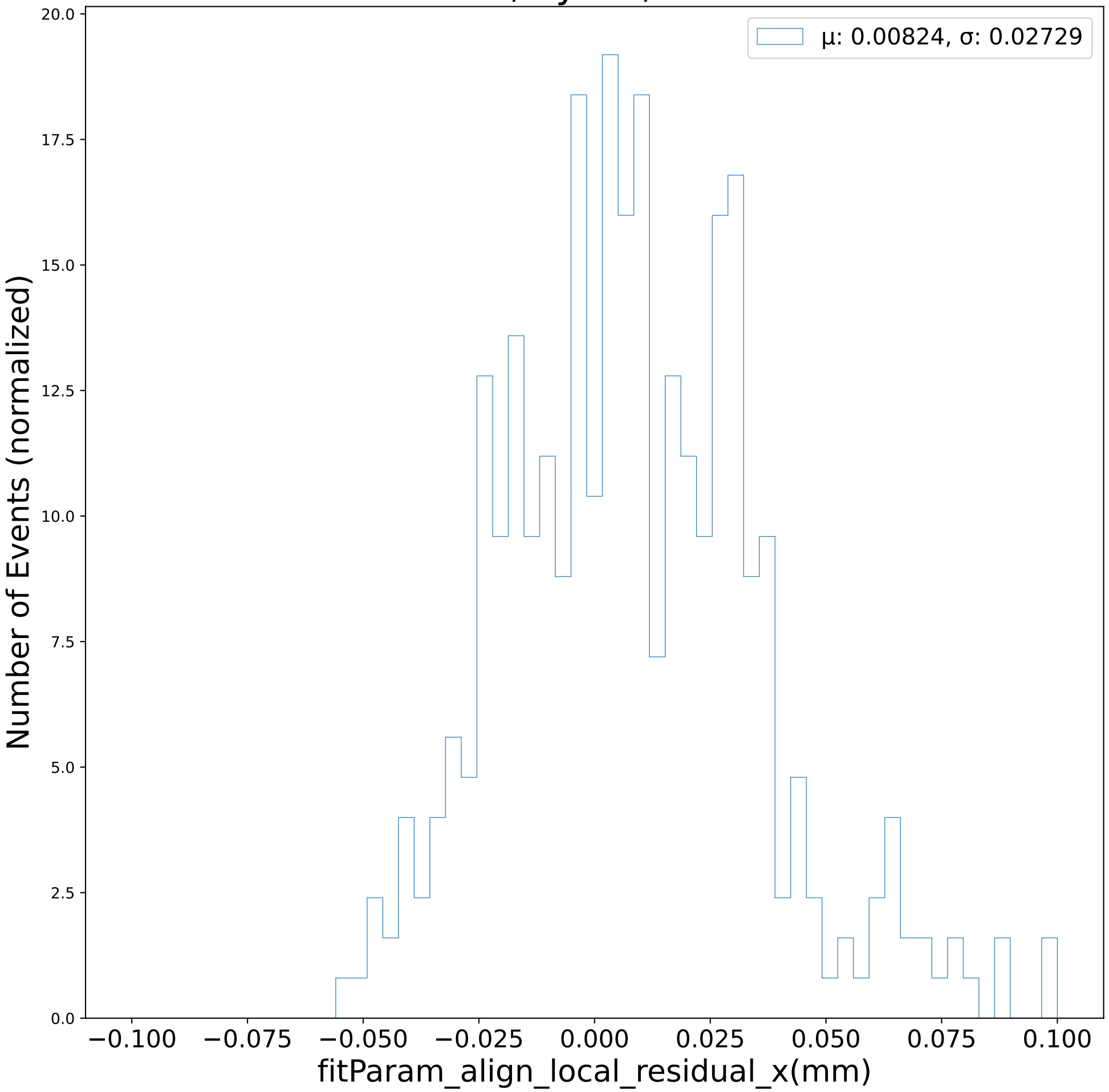

sta1,layer0,mod2
μ: 0.01227, σ: 0.02828
Number of Events (normalized)
0
2
4
6
8
10
12
14
16
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

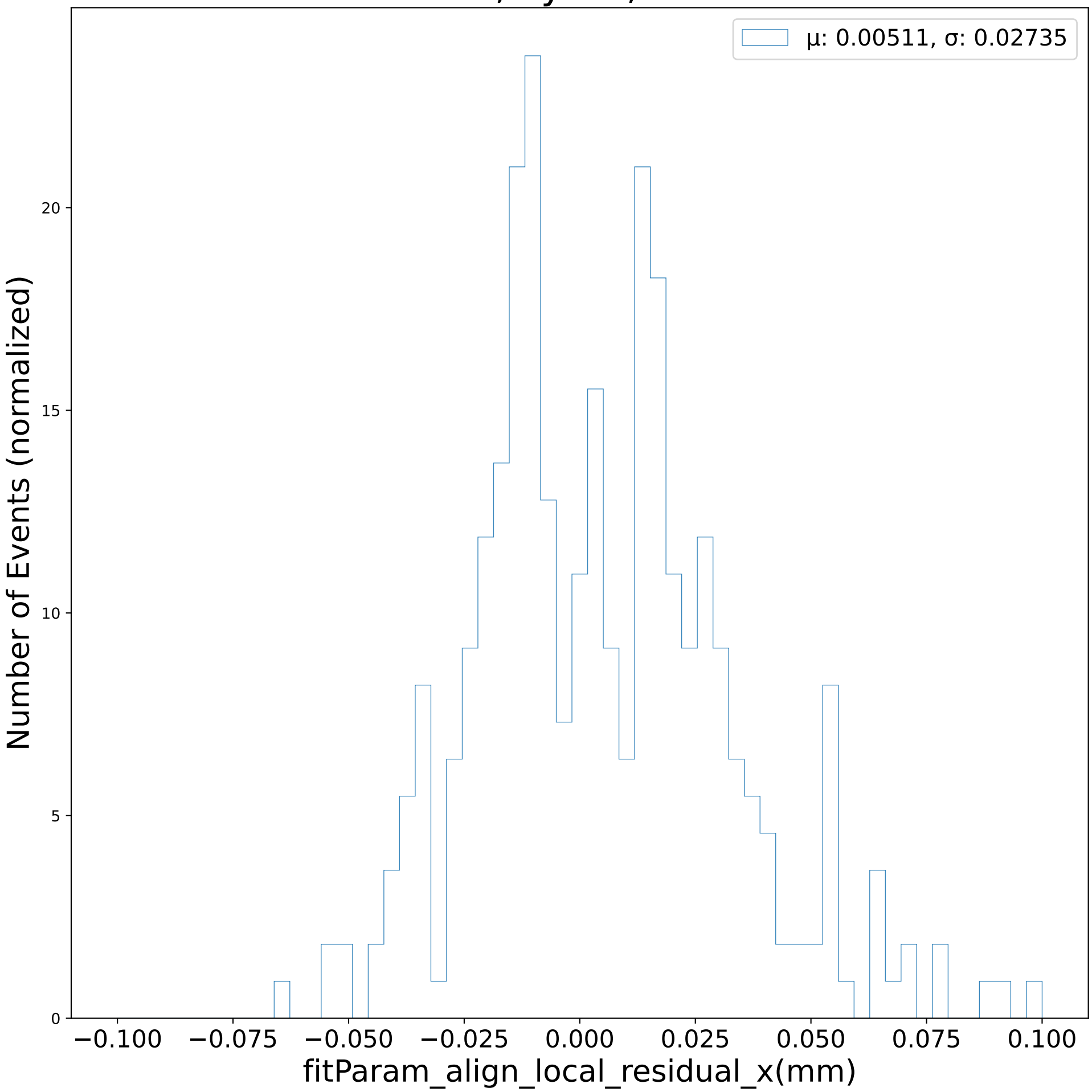

sta1,layer0,mod3
μ: 0.00547, σ: 0.02312
Number of Events (normalized)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

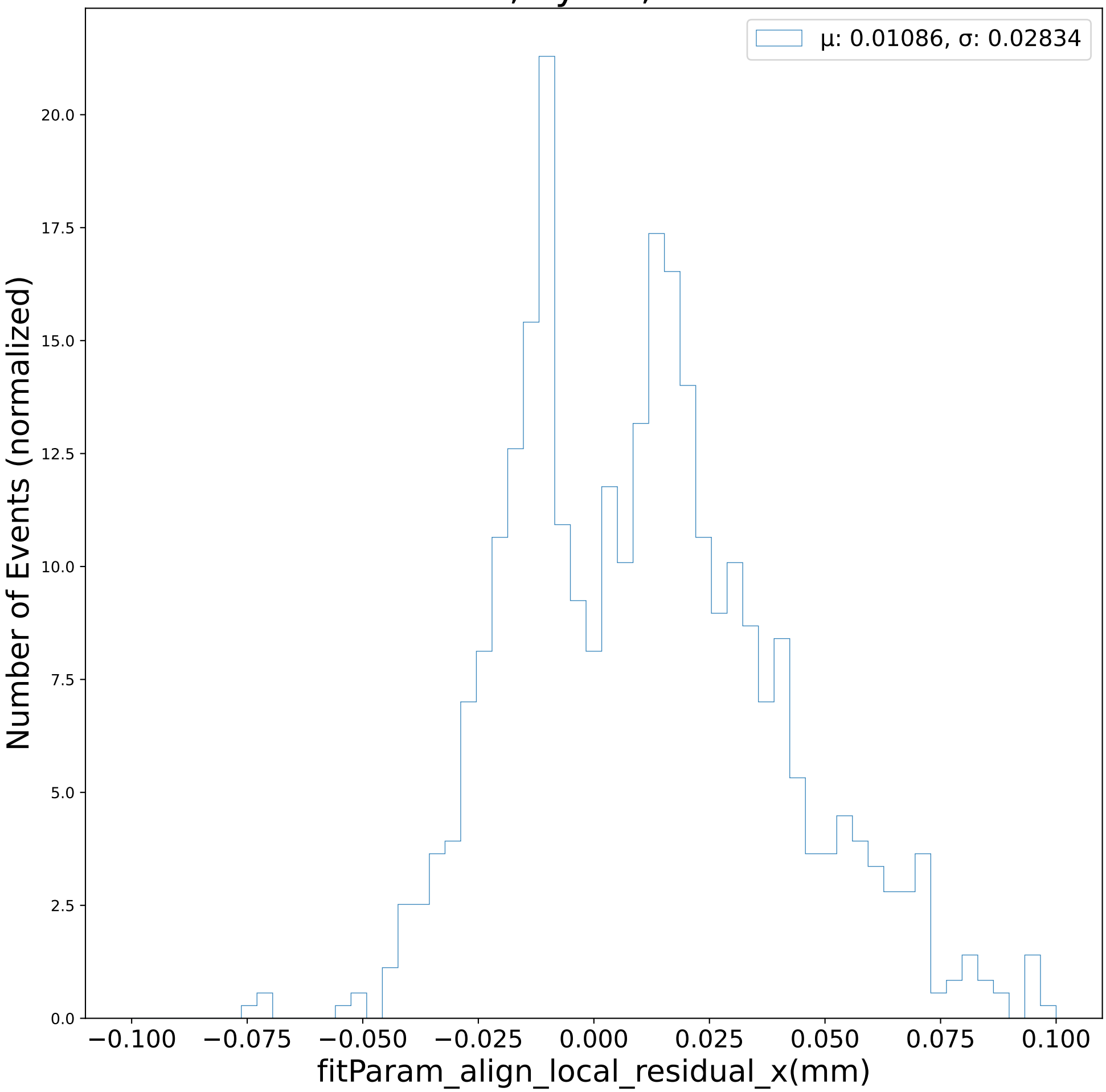

sta1,layer0,mod4
μ: 0.00792, σ: 0.0264
Number of Events (normalized)
0
5
10
15
20
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

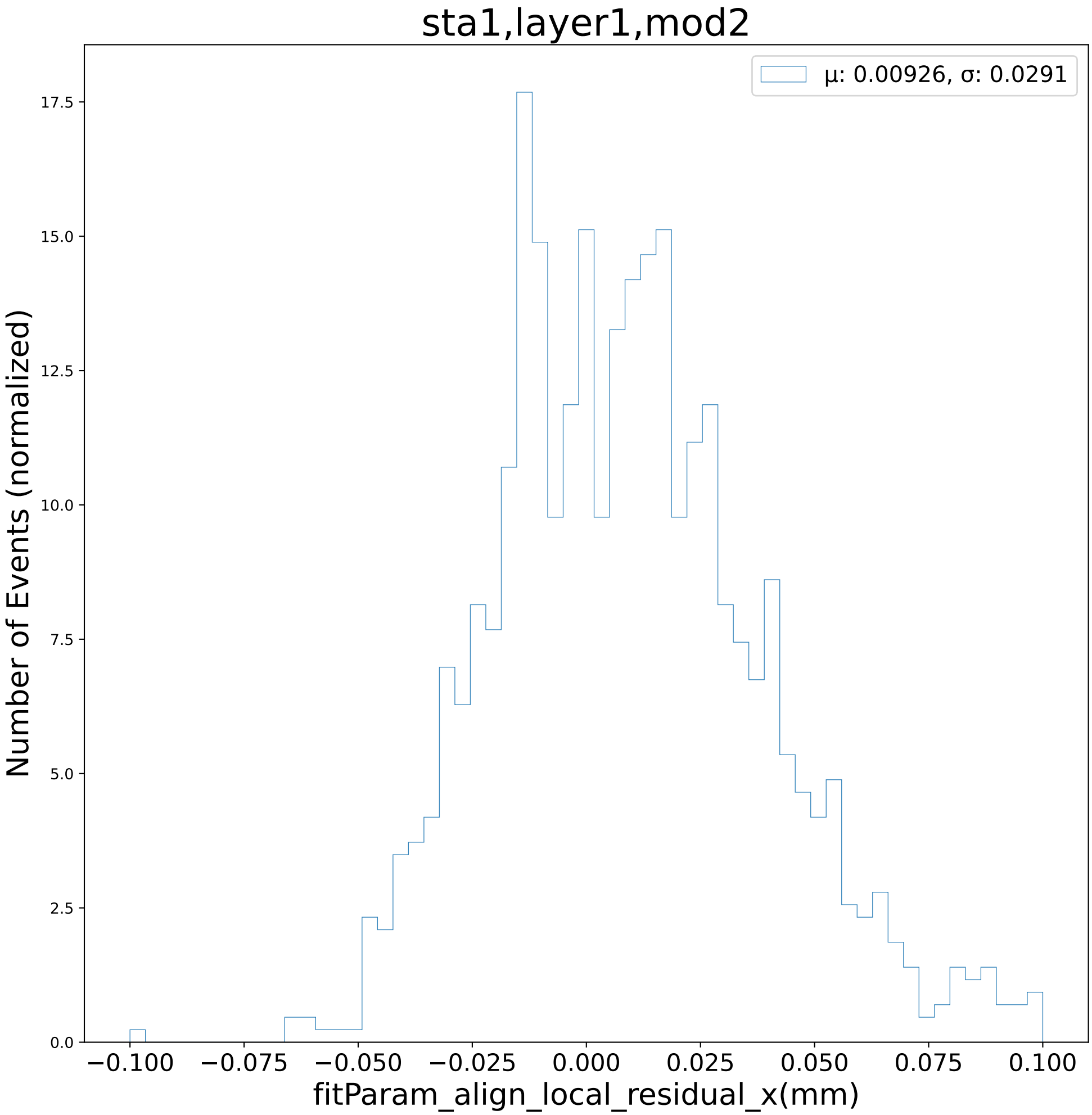

sta1,layer0,mod5
μ: 0.0125, σ: 0.02918
Number of Events (normalized)
0
2
4
6
8
10
12
14
16
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

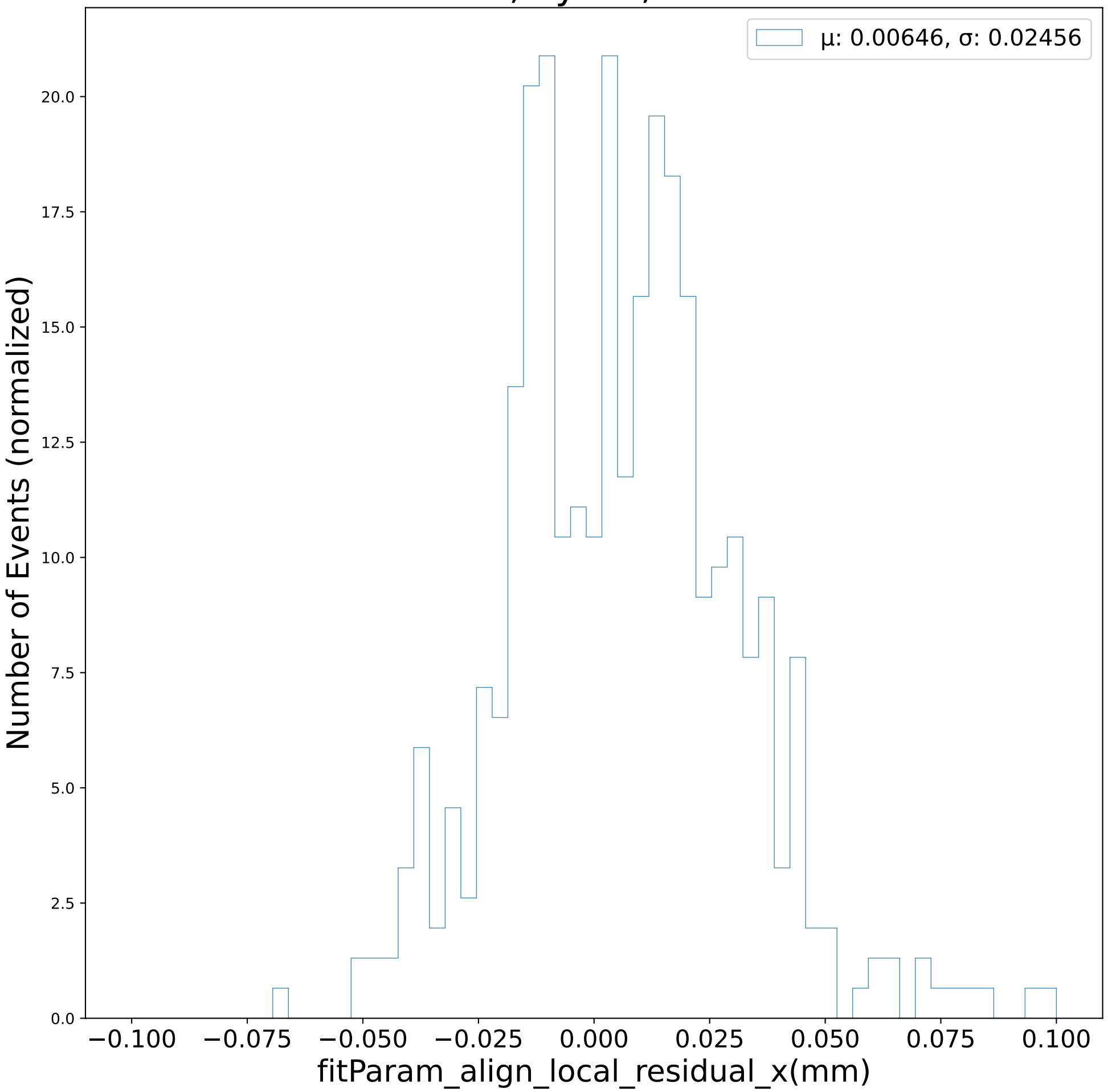

sta1,layer0,mod6
μ: 0.01241, σ: 0.02824
Number of Events (normalized)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

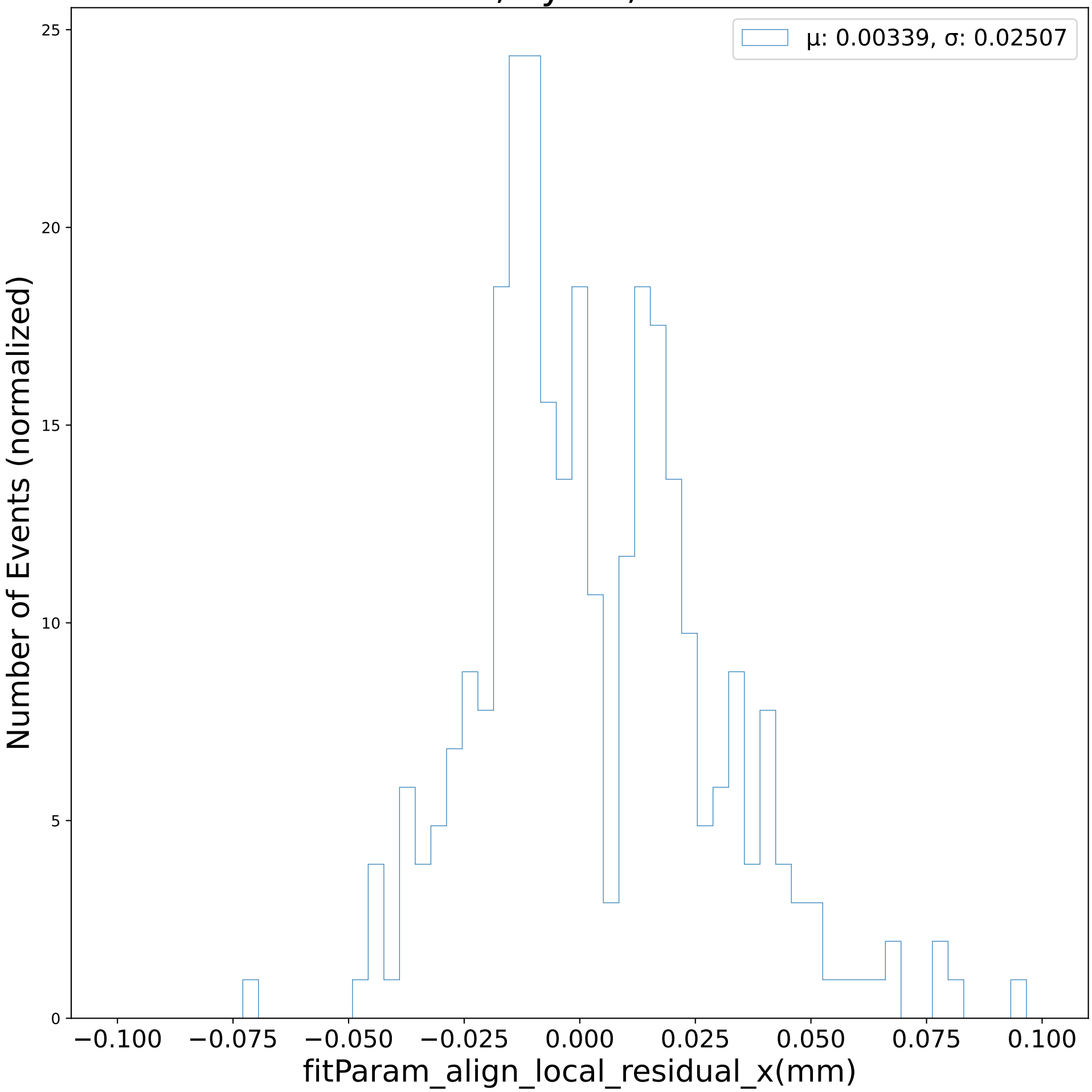

sta1,layer0,mod7
μ: 0.00824, σ: 0.02729
Number of Events (normalized)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

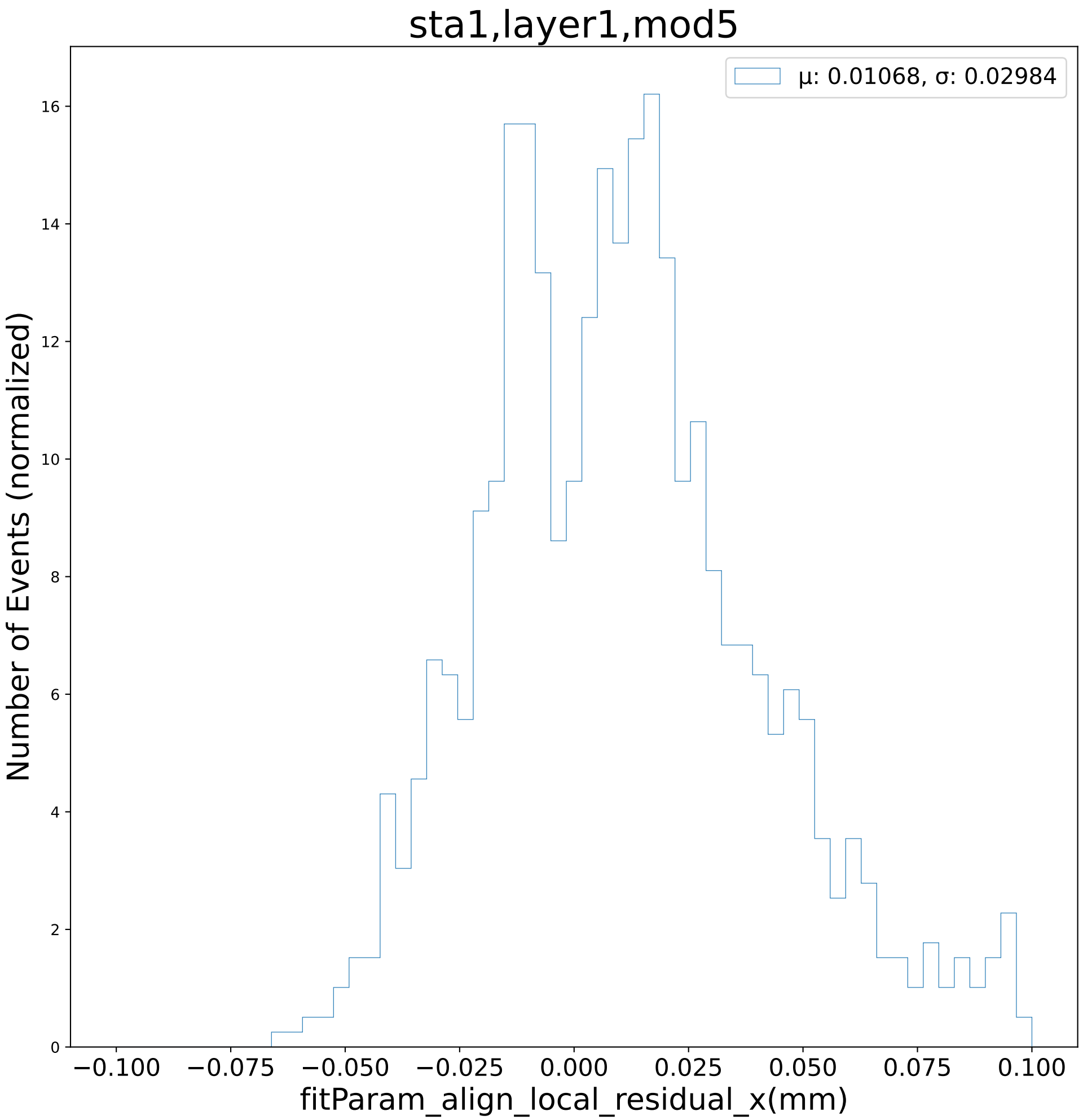

sta1,layer1,mod0
μ: 0.00511, σ: 0.02735
Number of Events (normalized)
0
5
10
20
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

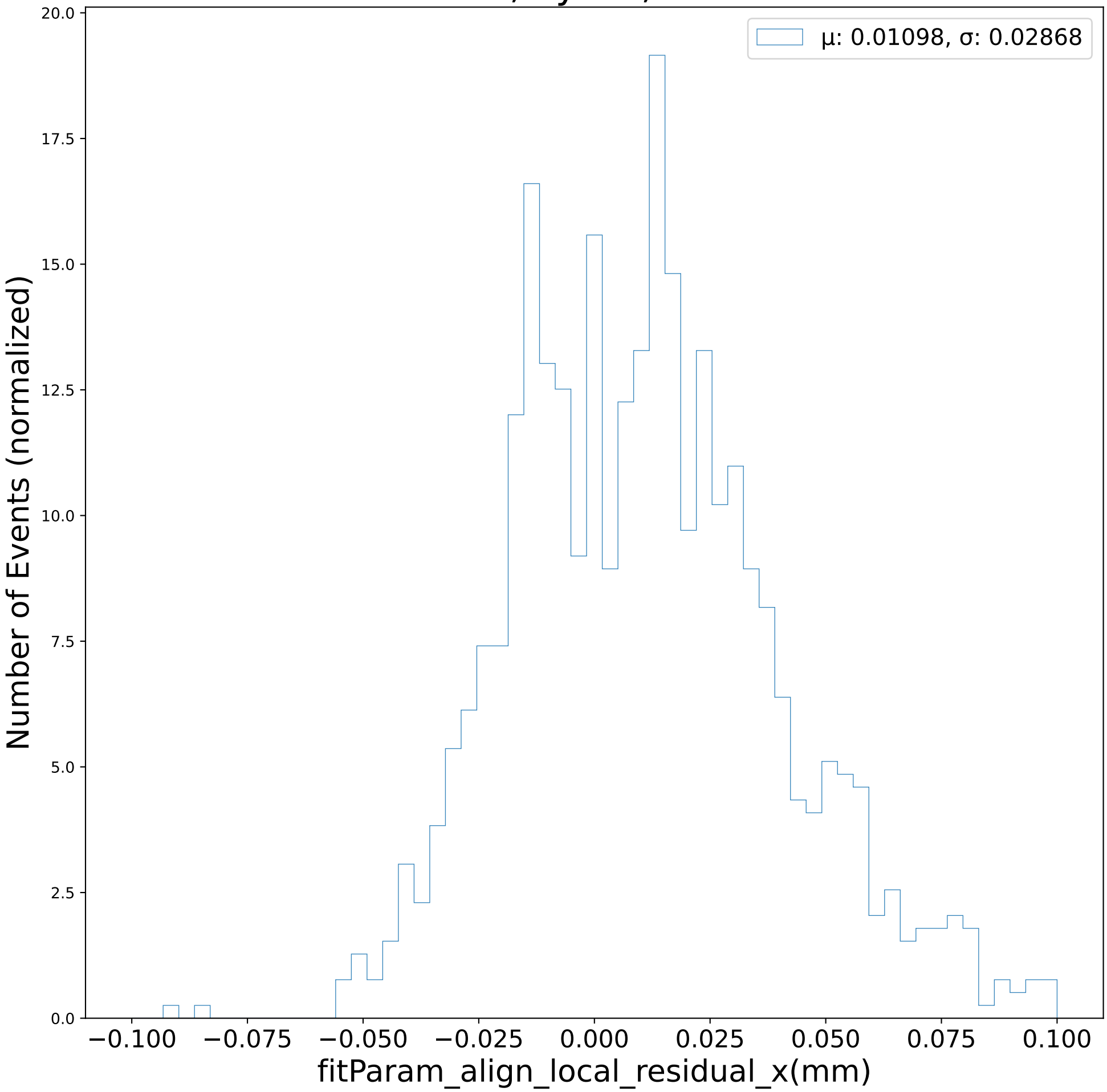

sta1,layer1,mod1
μ: 0.01086, σ: 0.02834
Number of Events (normalized)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

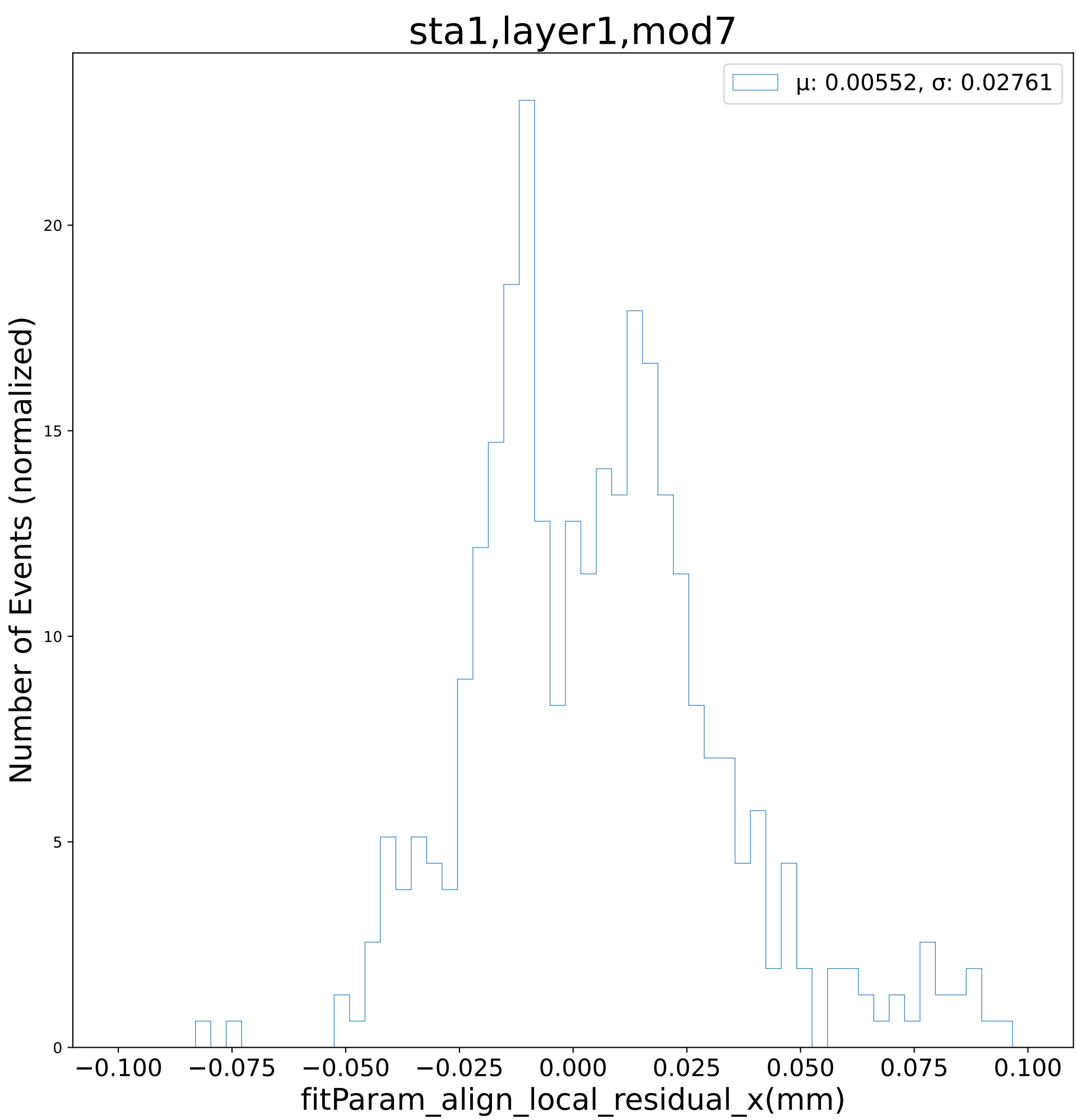

sta1,layer1,mod2
μ: 0.00926, σ: 0.0291
Number of Events (normalized)
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

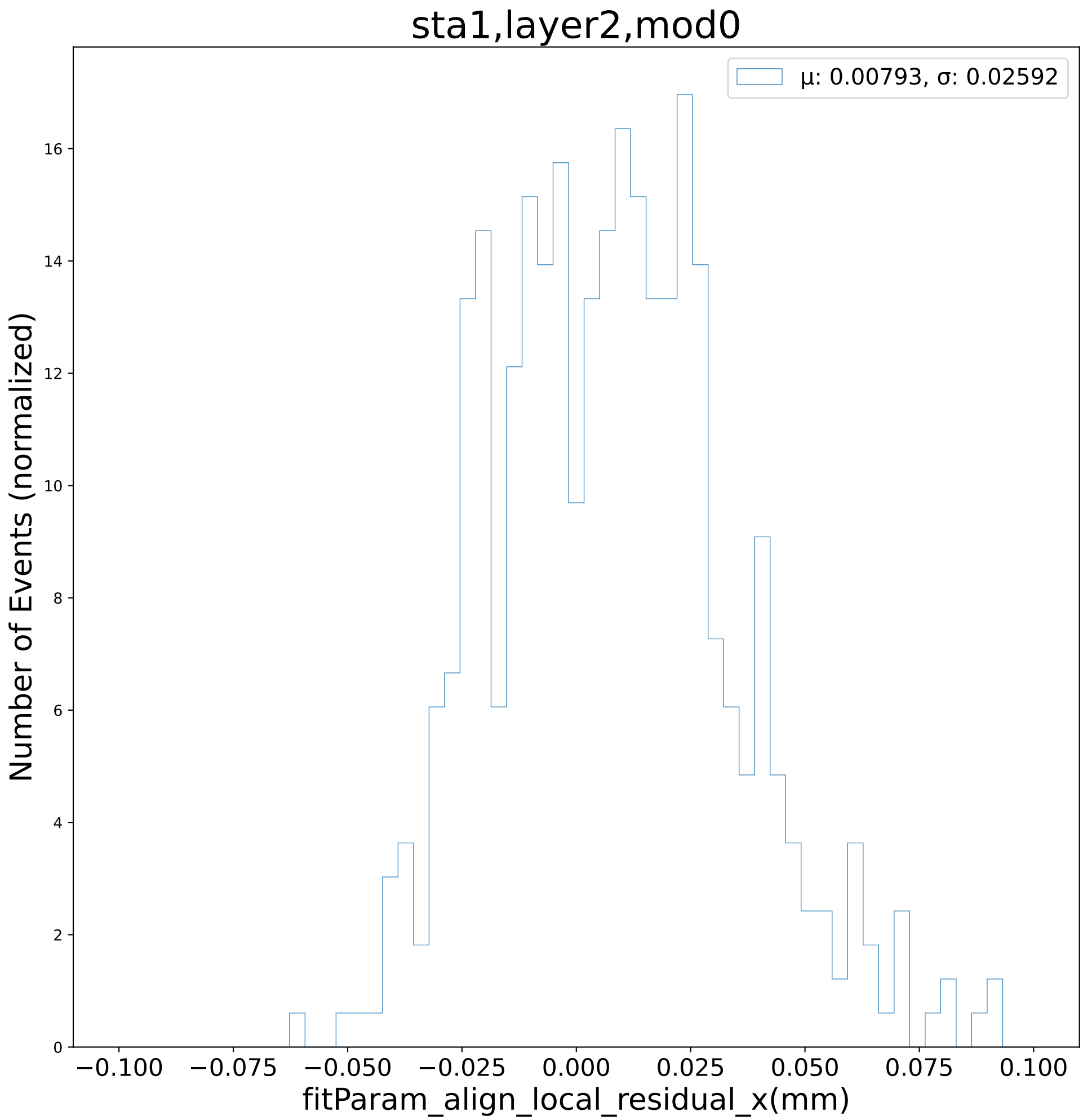

sta1,layer1,mod3
μ: 0.00646, σ: 0.02456
Number of Events (normalized)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

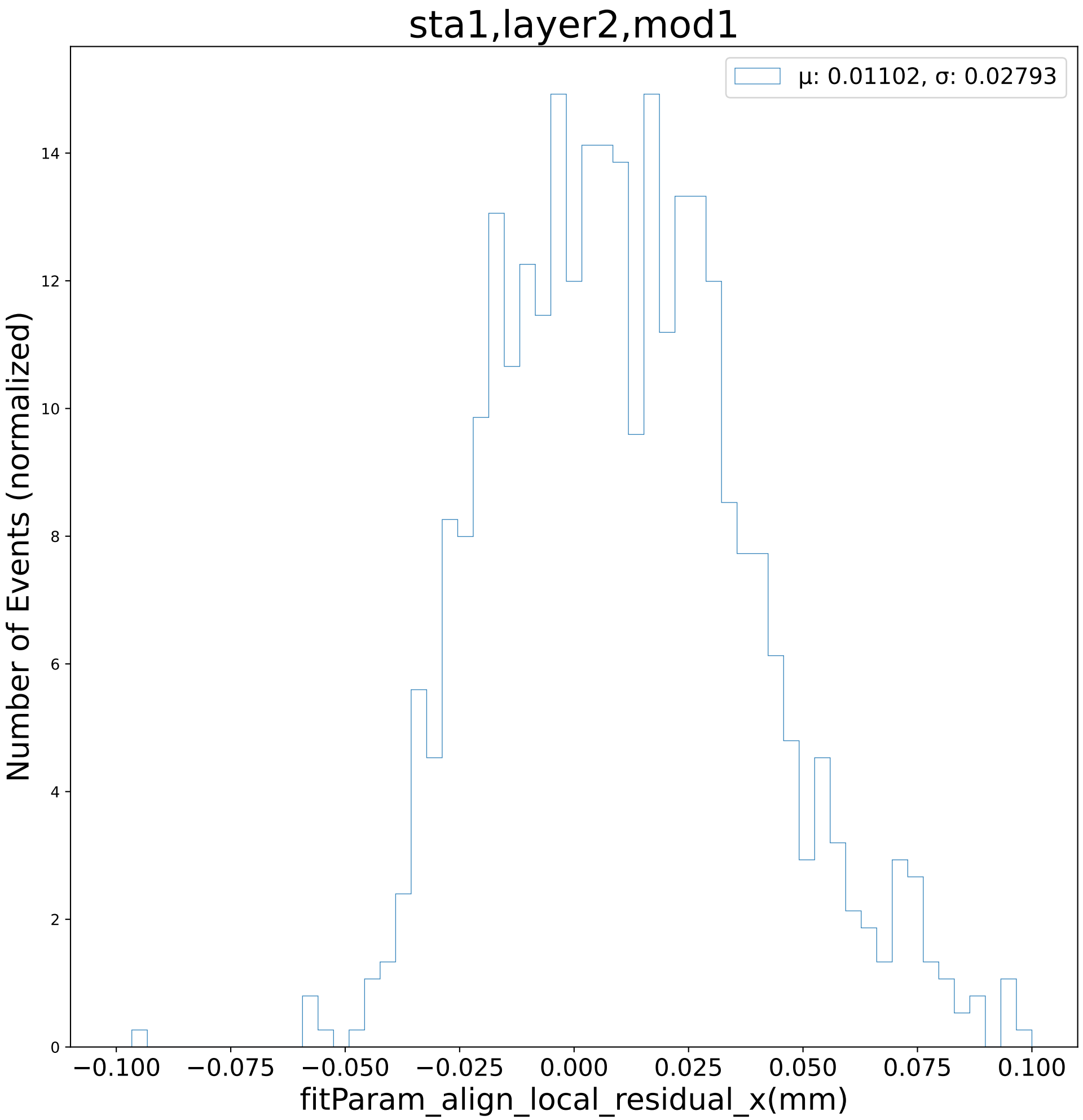

sta1,layer1,mod4
μ: 0.00339, σ: 0.02507
Number of Events (normalized)
0
5
10
15
20
25
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

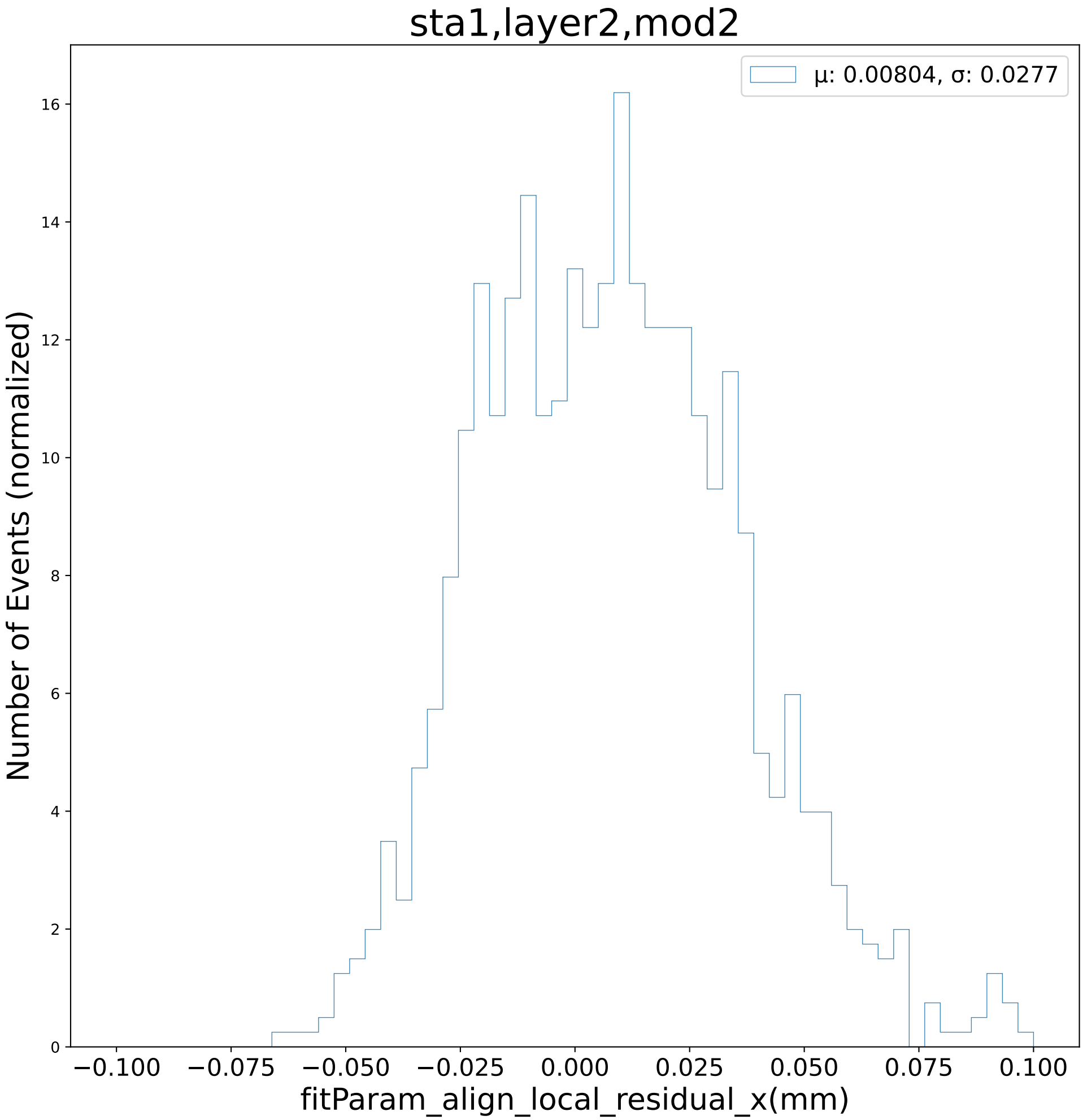

sta1,layer1,mod5
μ: 0.01068, σ: 0.02984
Number of Events (normalized)
0
2
4
6
8
10
12
14
16
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

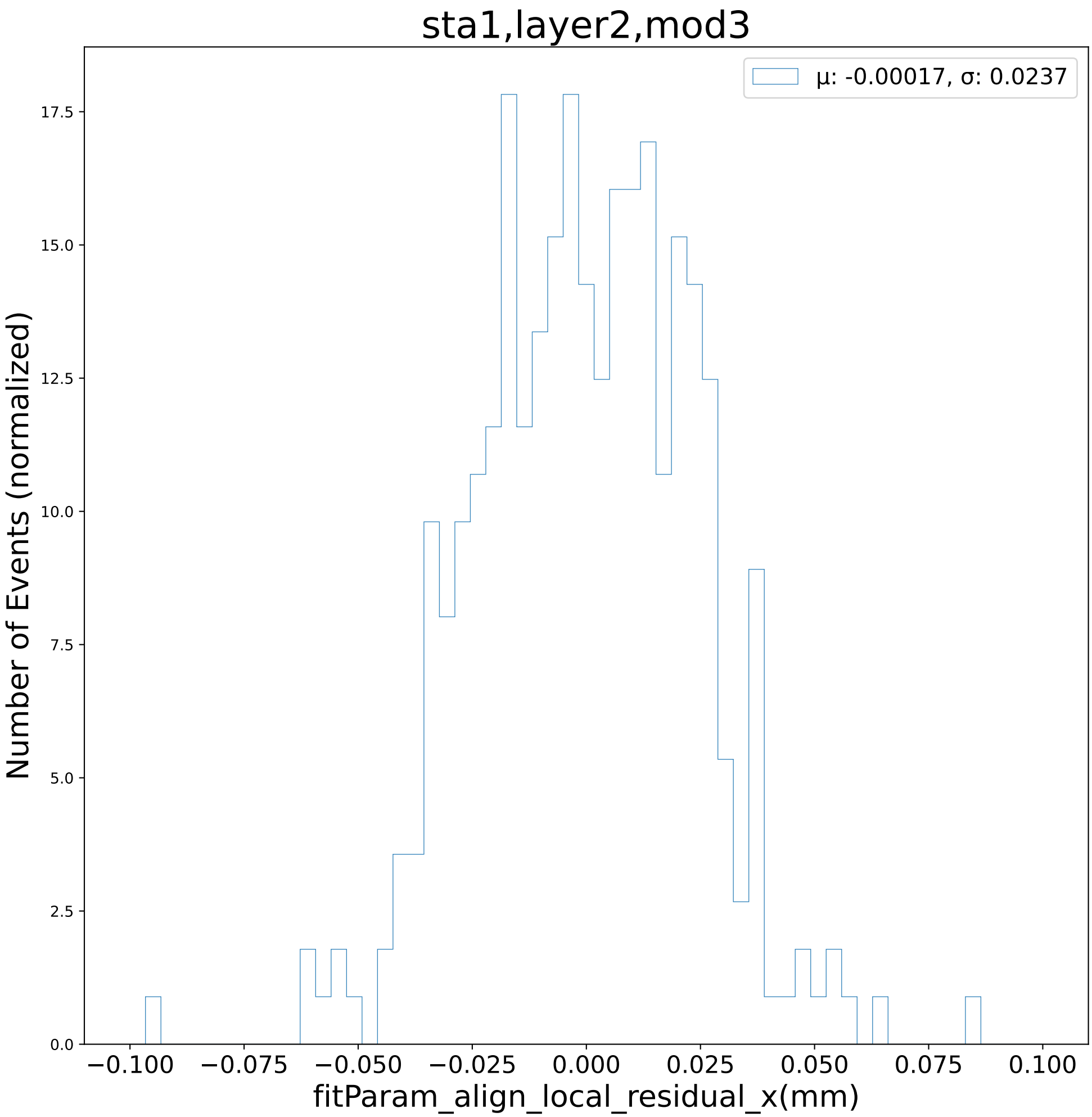

sta1,layer1,mod6
μ: 0.01098, σ: 0.02868
Number of Events (normalized)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

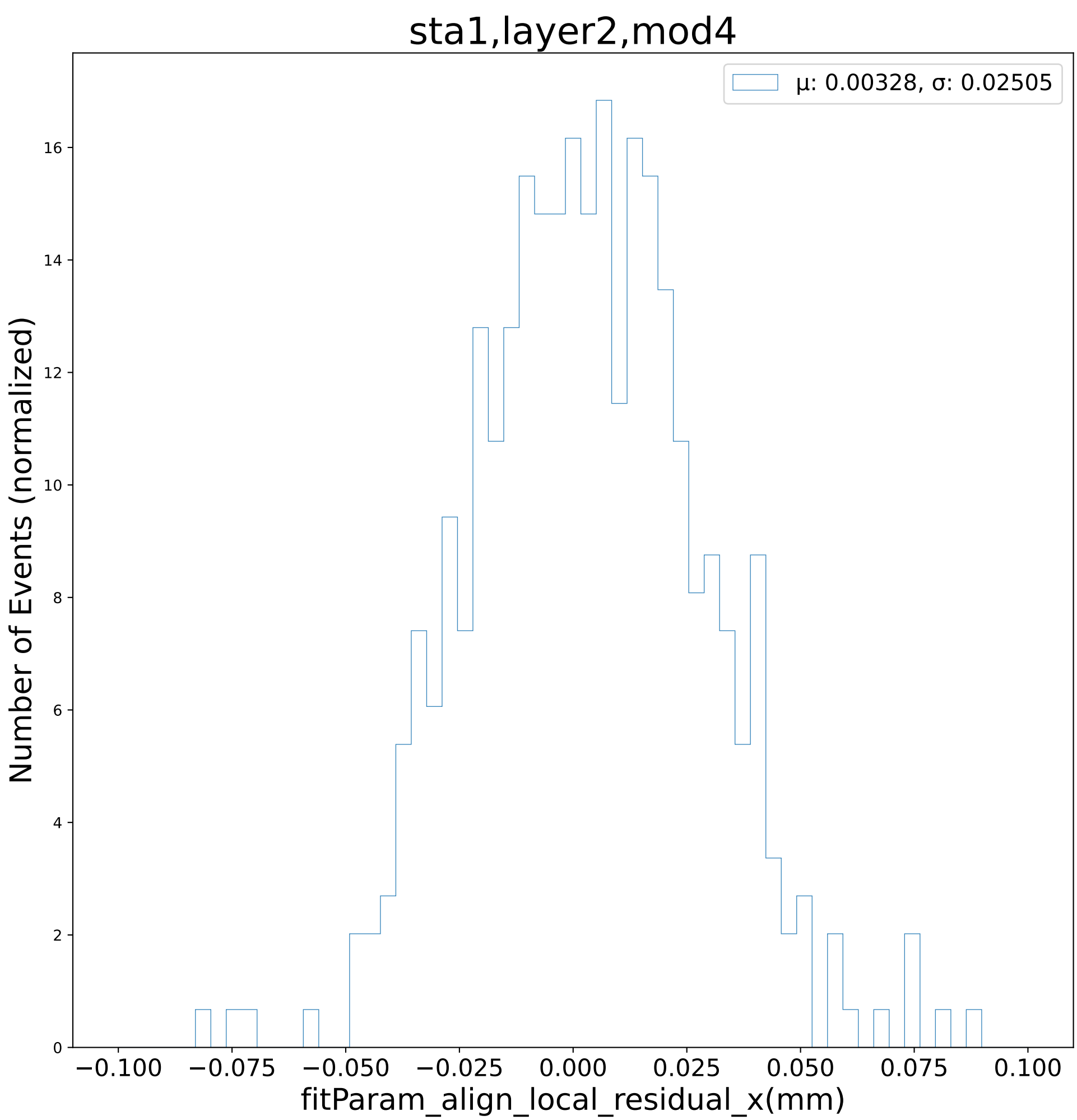

sta1,layer1,mod7
μ: 0.00552, σ: 0.02761
Number of Events (normalized)
0
5
10
20
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

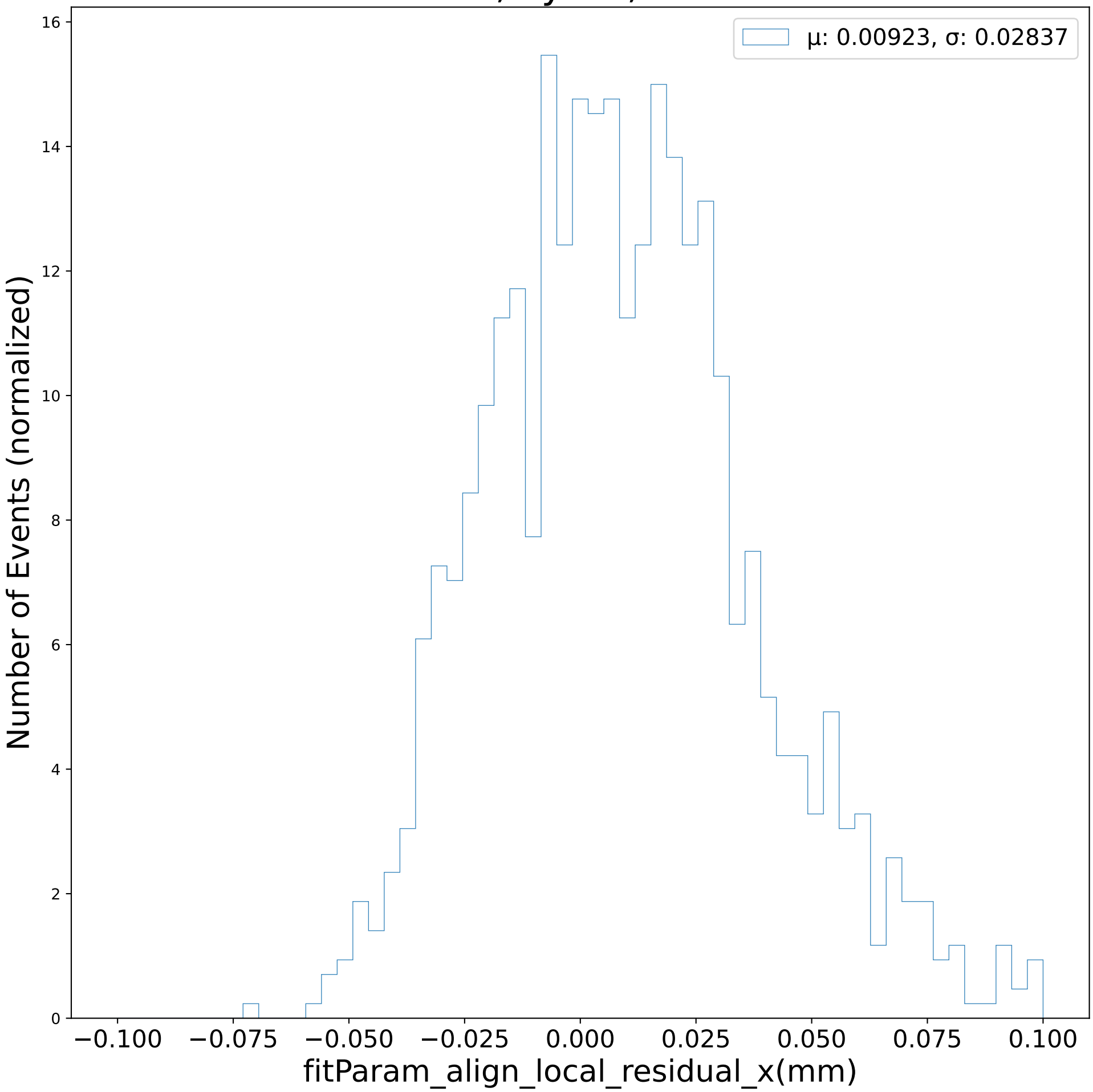

sta1,layer2,mod0
μ: 0.00793, σ: 0.02592
Number of Events (normalized)
0
2
4
6
8
10
12
14
16
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

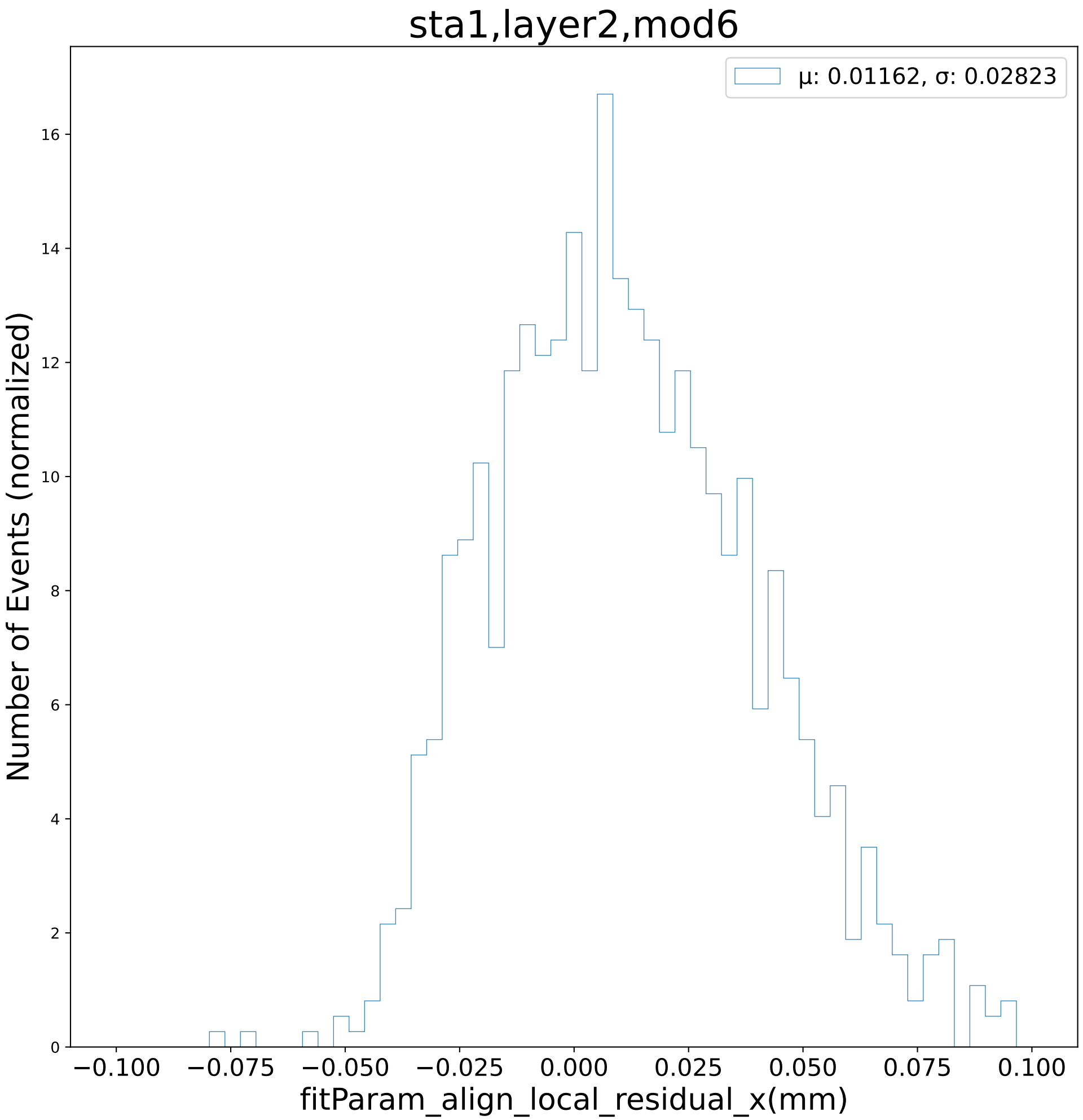

sta1,layer2,mod1
μ: 0.01102, σ: 0.02793
Number of Events (normalized)
0
2
4
6
8
10
12
14
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

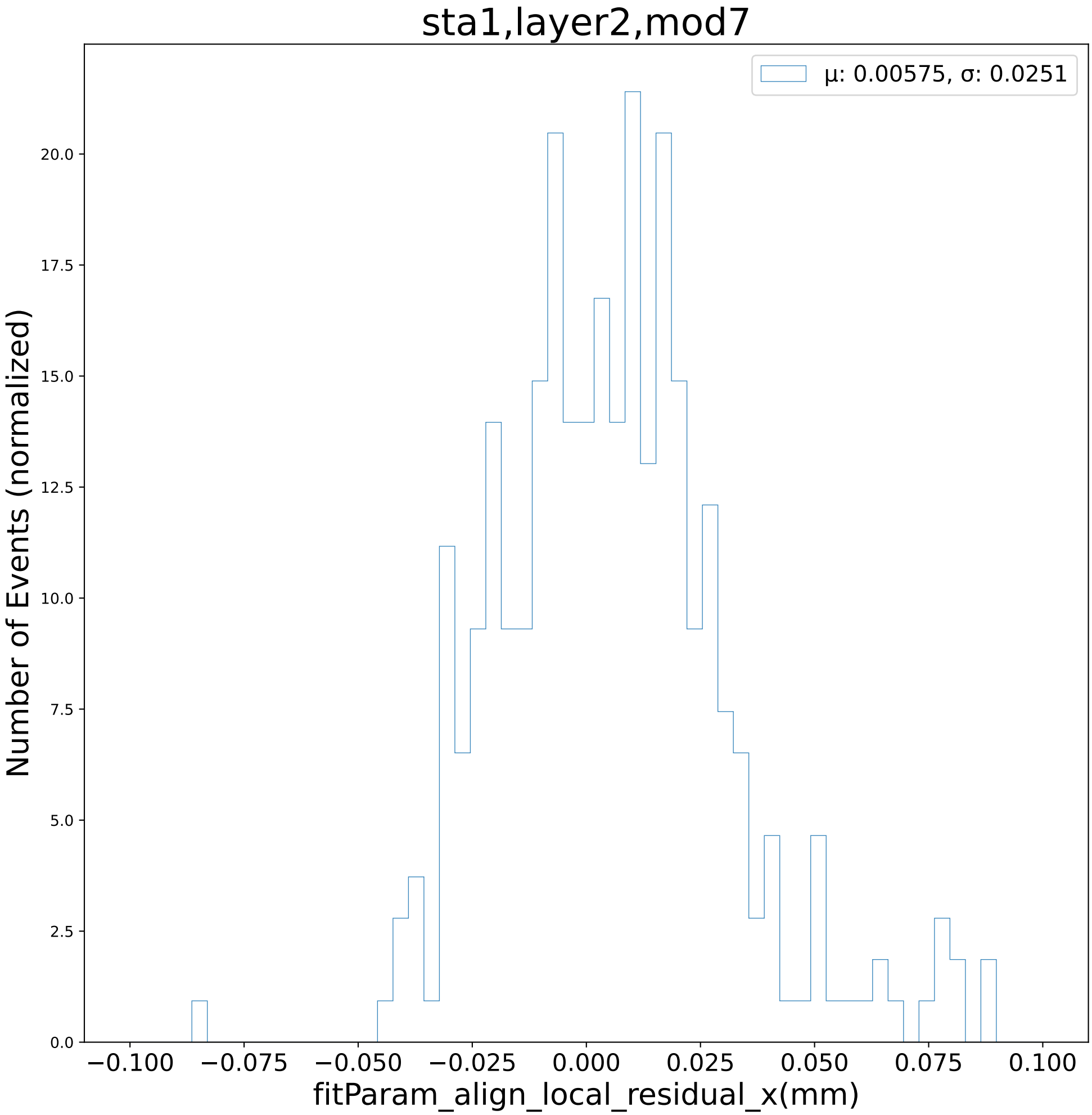

sta1,layer2,mod2
μ: 0.00804, σ: 0.0277
Number of Events (normalized)
0
2
4
6
8
10
12
14
16
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

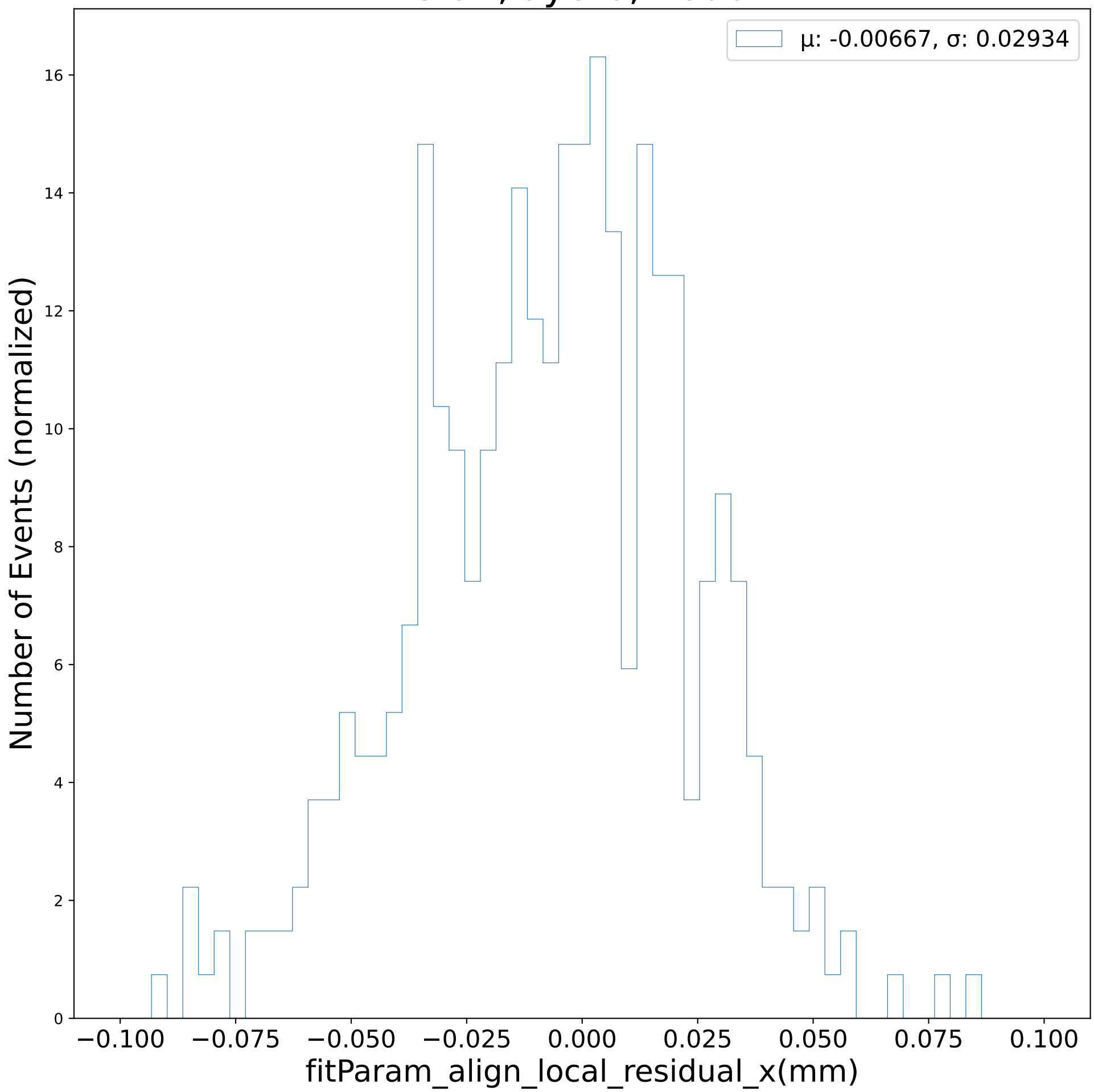

sta1,layer2,mod3
μ: -0.00017, σ: 0.0237
Number of Events (normalized)
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

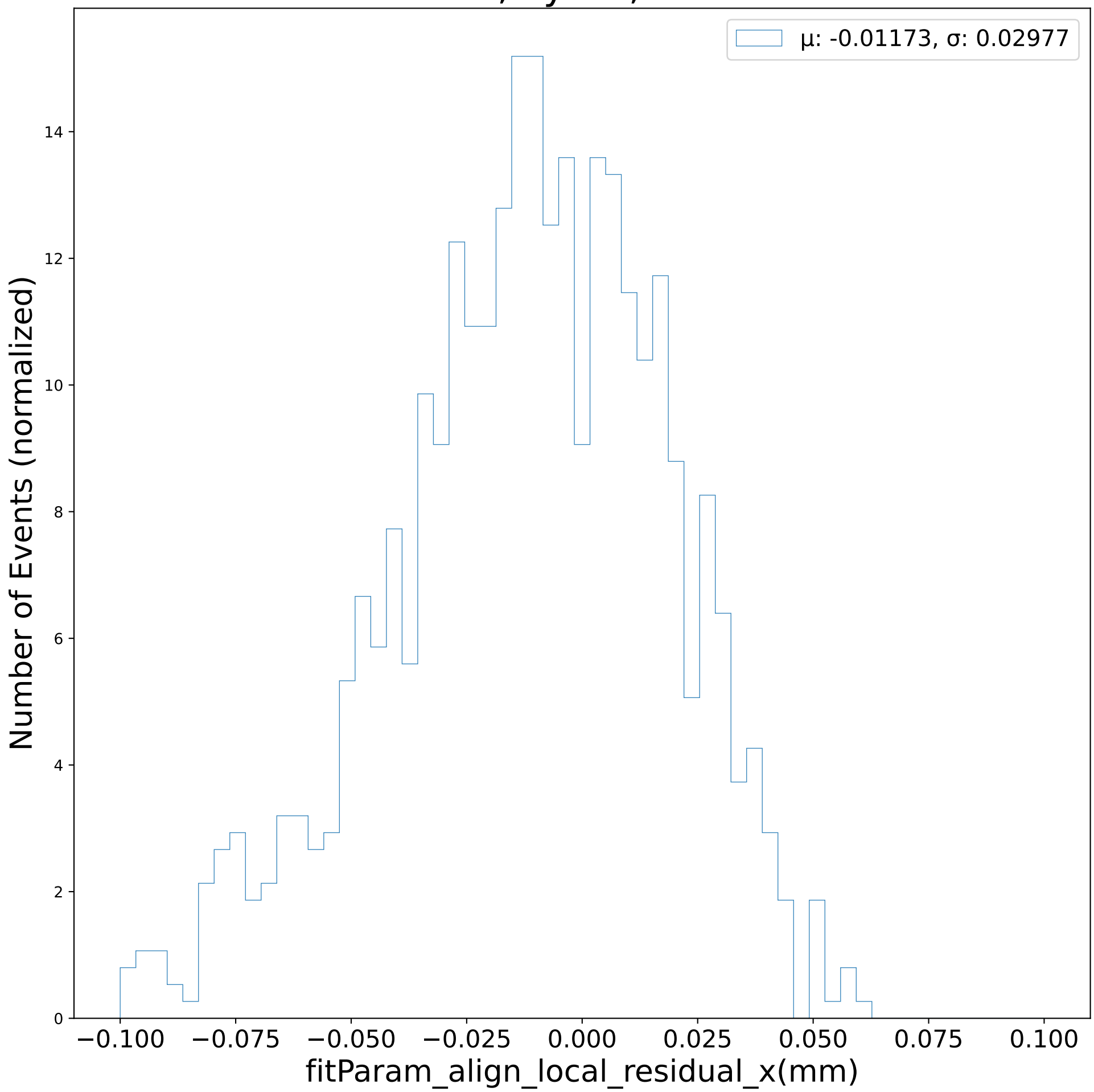

sta1,layer2,mod4
μ: 0.00328, σ: 0.02505
Number of Events (normalized)
0
2
4
6
8
10
12
14
16
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

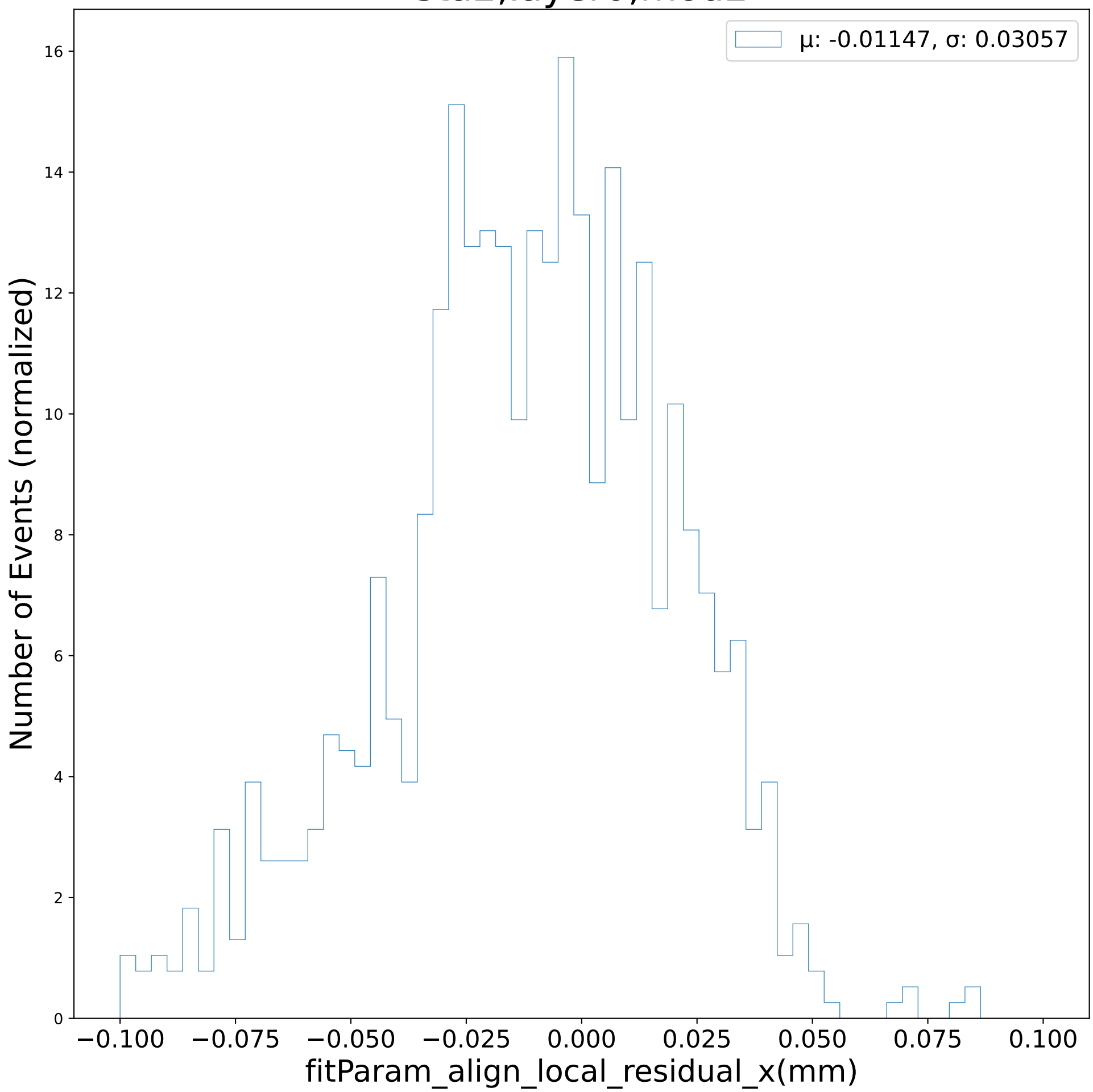

sta1,layer2,mod5
μ: 0.00923, σ: 0.02837
Number of Events (normalized)
0
2
4
6
8
10
12
14
16
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

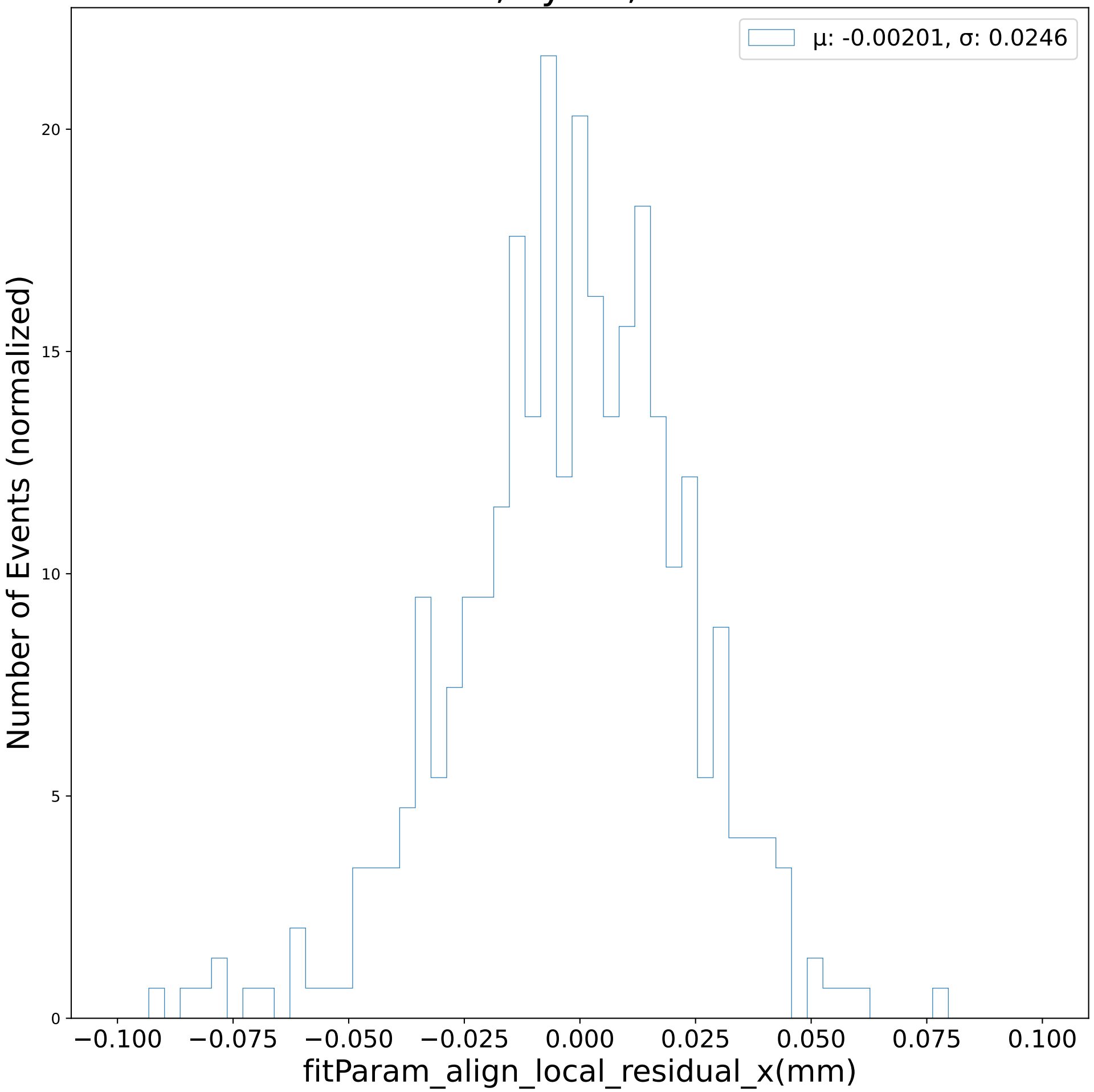

sta1,layer2,mod6
μ: 0.01162, σ: 0.02823
Number of Events (normalized)
0
2
4
6
8
10
12
14
16
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

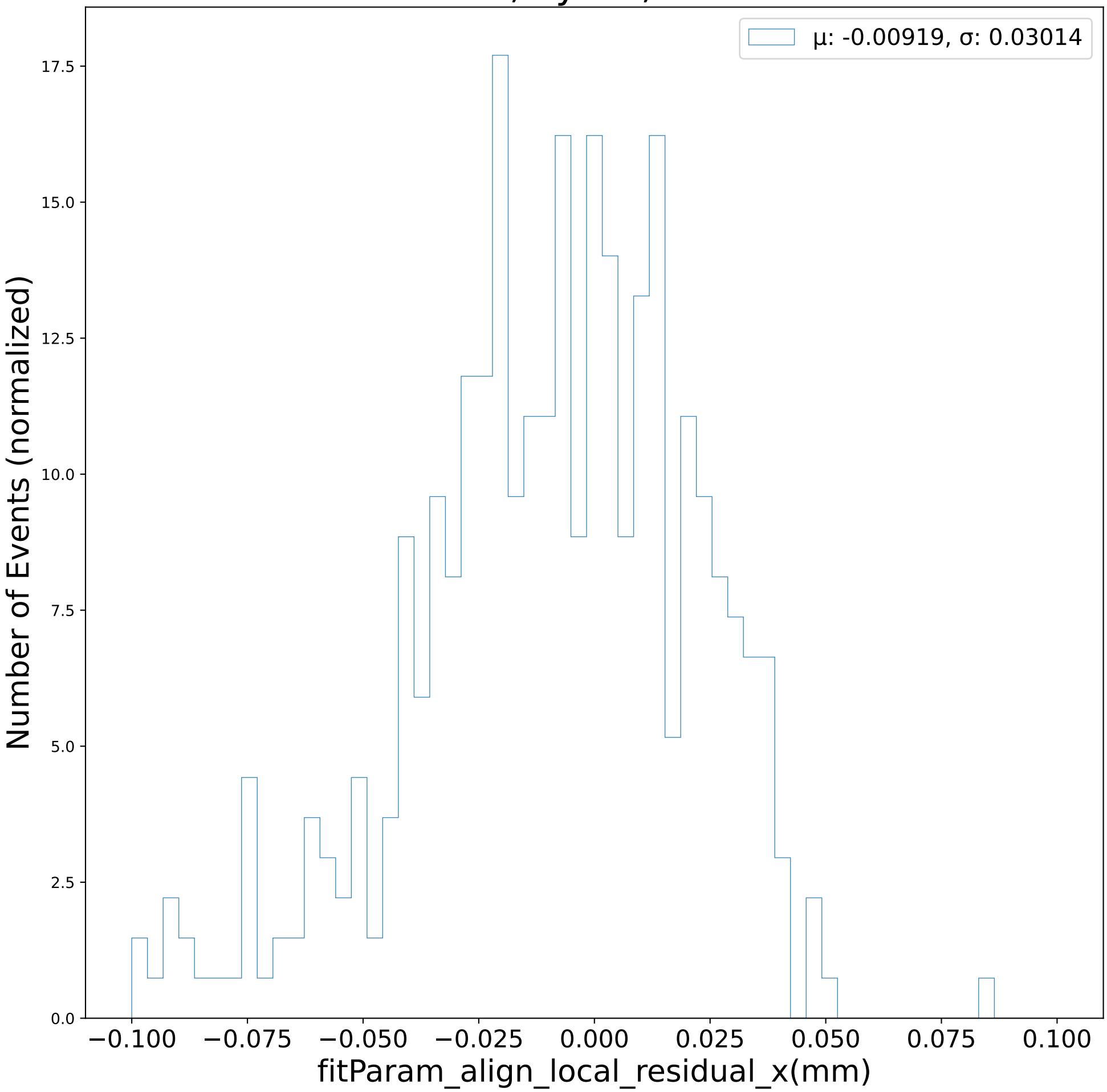

sta1,layer2,mod7
μ: 0.00575, σ: 0.0251
Number of Events (normalized)
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

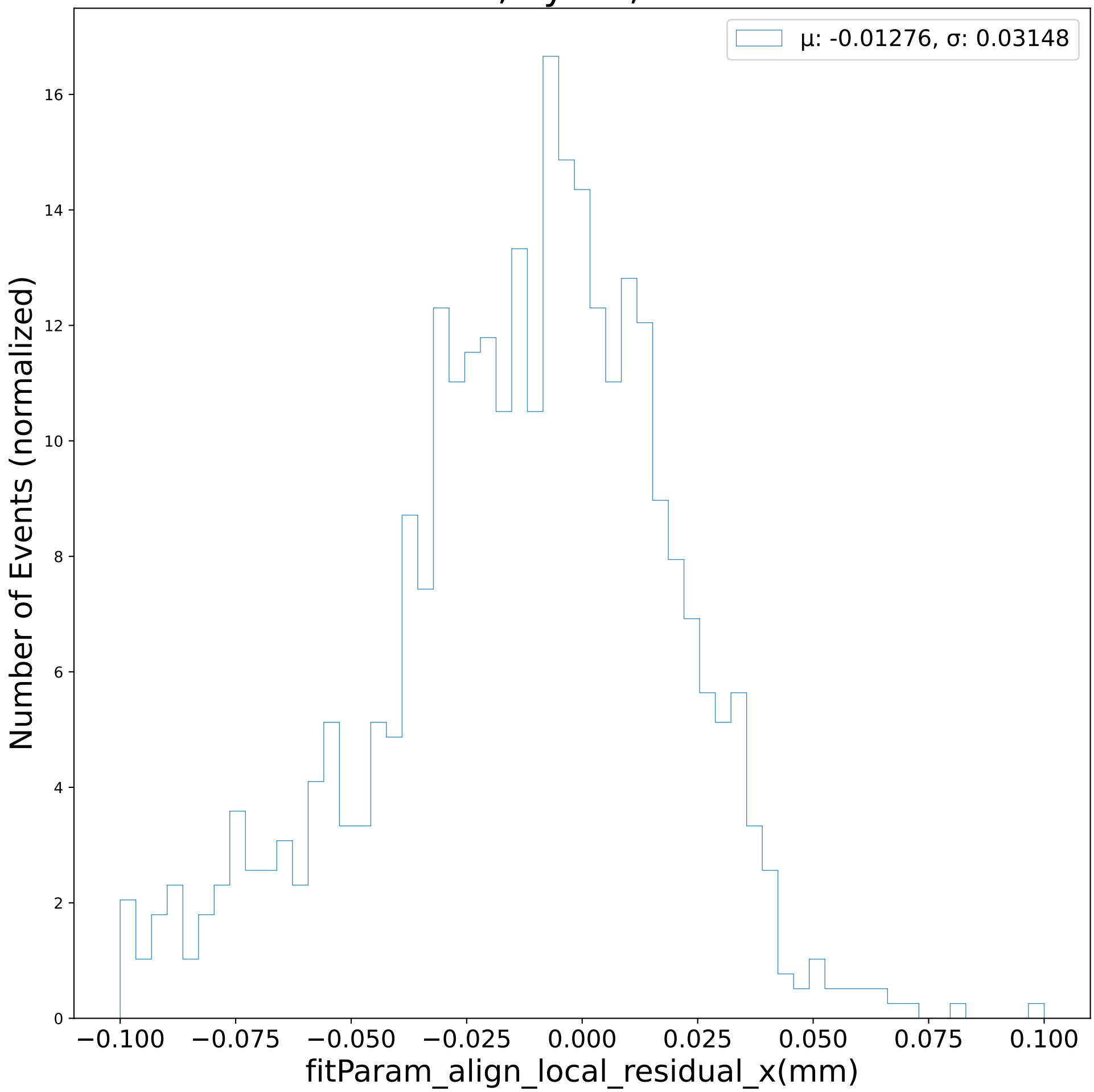

sta2,layer0,mod0
μ: -0.00667, σ: 0.02934
Number of Events (normalized)
0
2
4
6
8
10
12
14
16
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

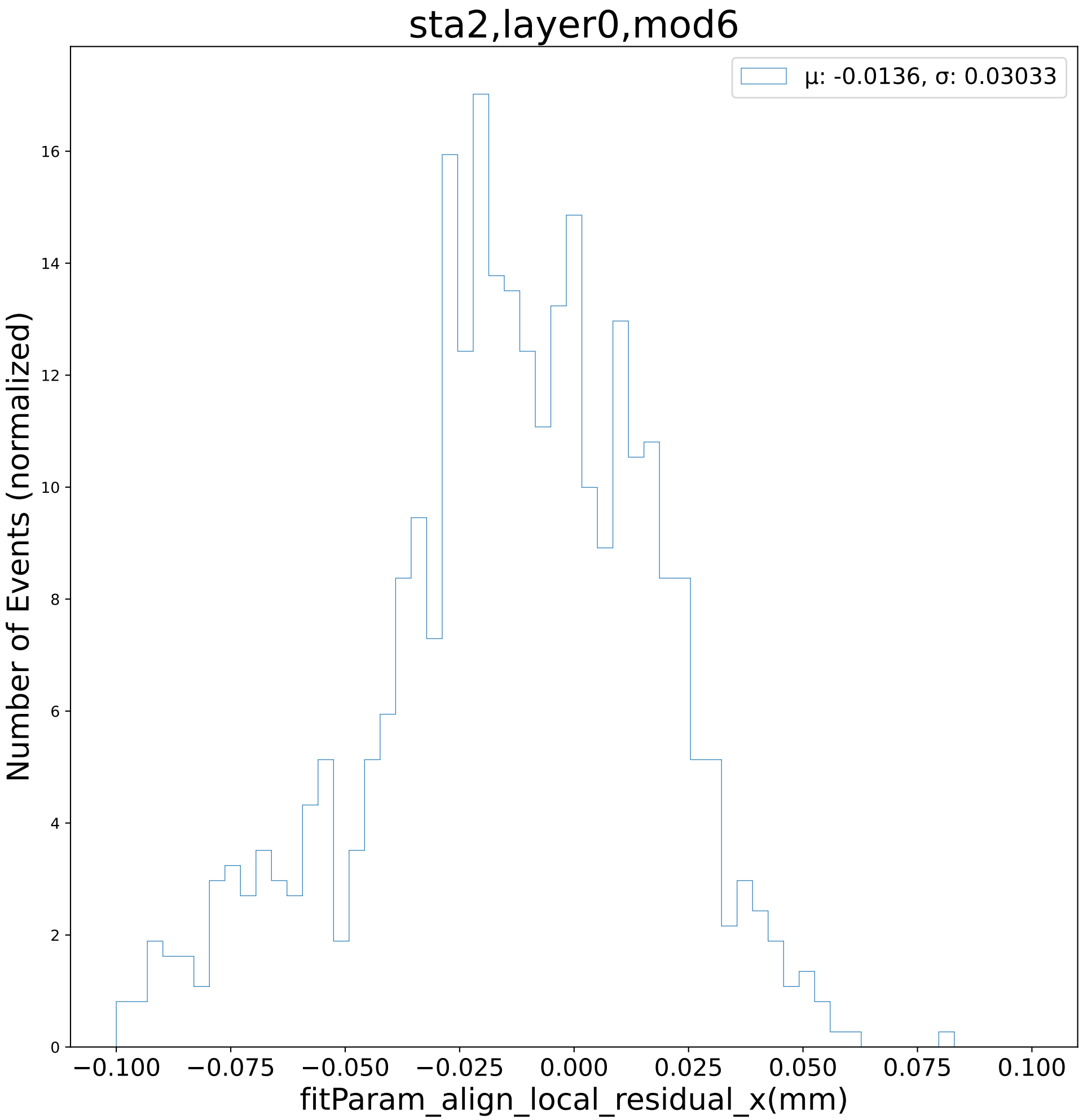

sta2,layer0,mod1
μ: -0.01173, σ: 0.02977
Number of Events (normalized)
0
2
4
6
8
10
12
14
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

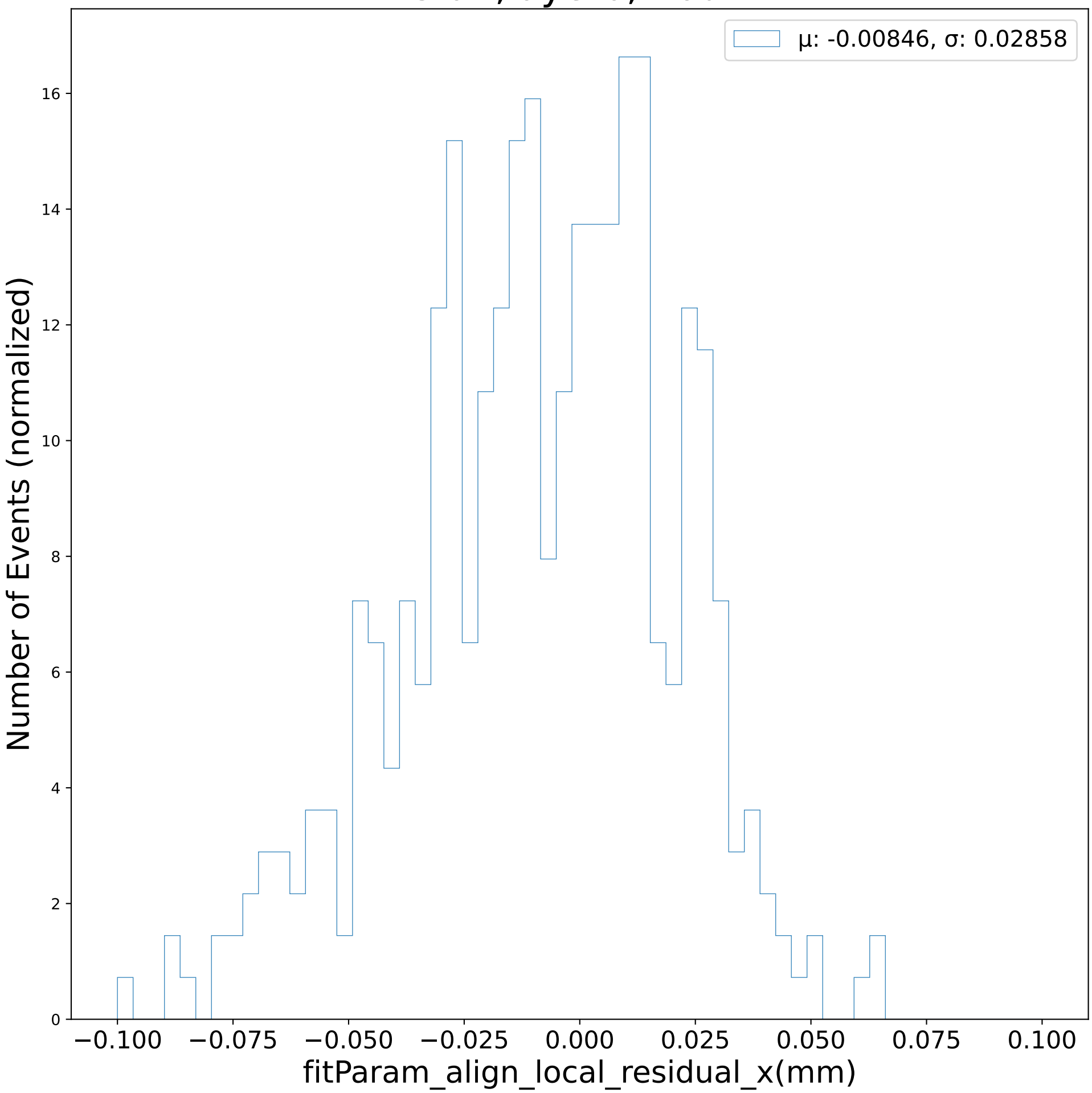

sta2,layer0,mod2
μ: -0.01147, σ: 0.03057
Number of Events (normalized)
0
2
4
6
8
10
12
14
16
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

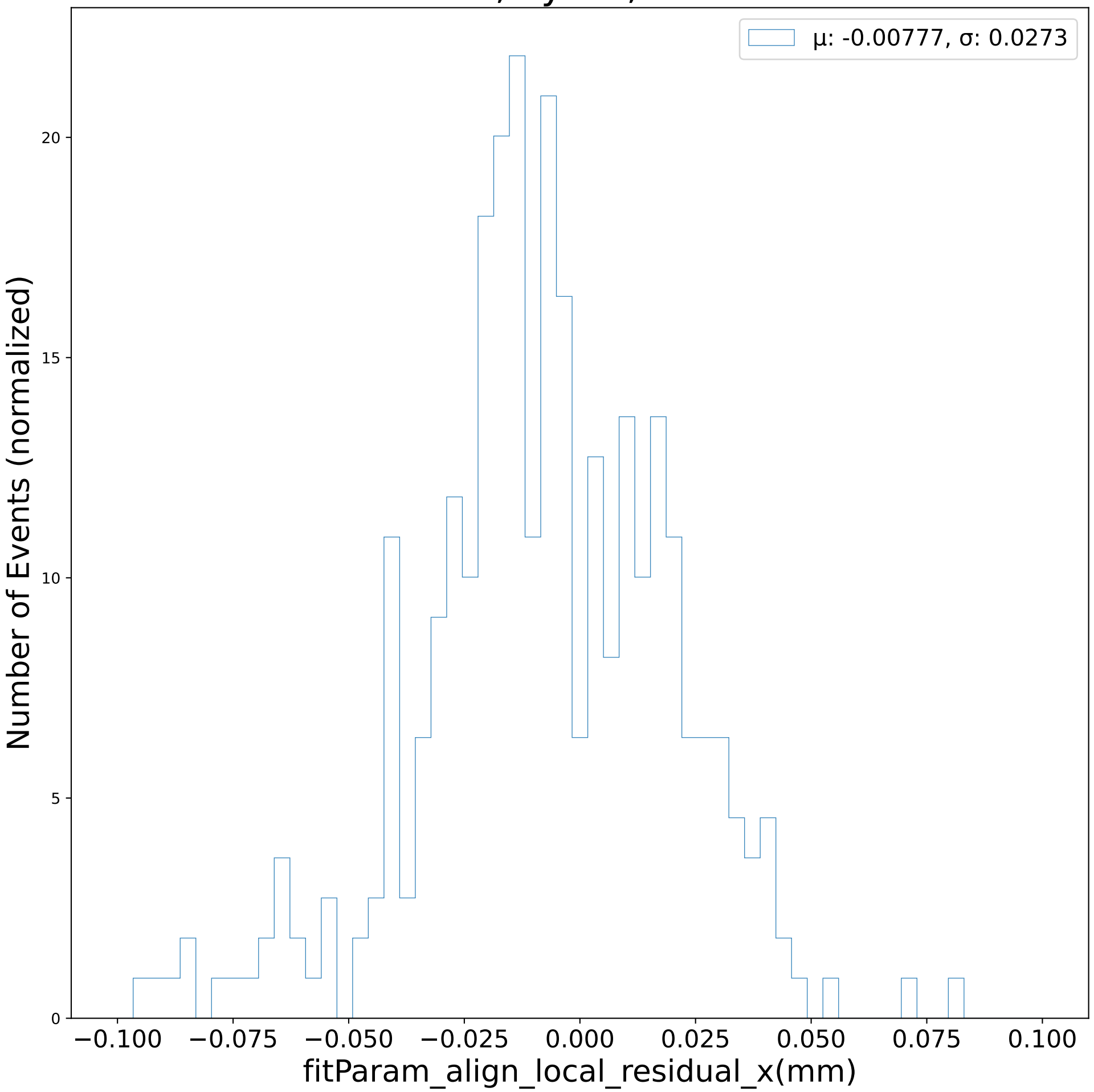

sta2,layer0,mod3
μ: -0.00201, σ: 0.0246
Number of Events (normalized)
0
5
10
15
20
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

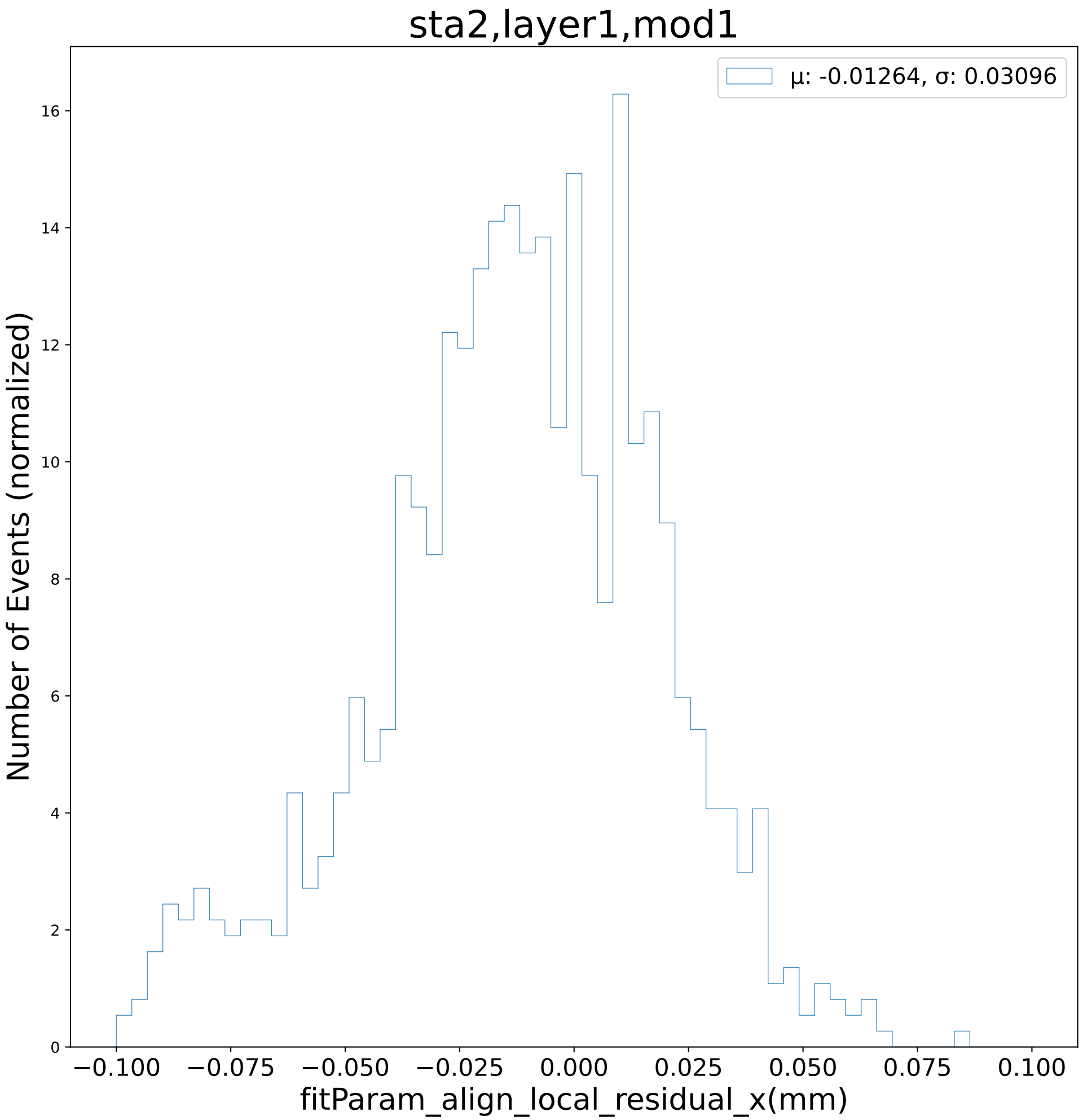

sta2,layer0,mod4
μ: -0.00919, σ: 0.03014
Number of Events (normalized)
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

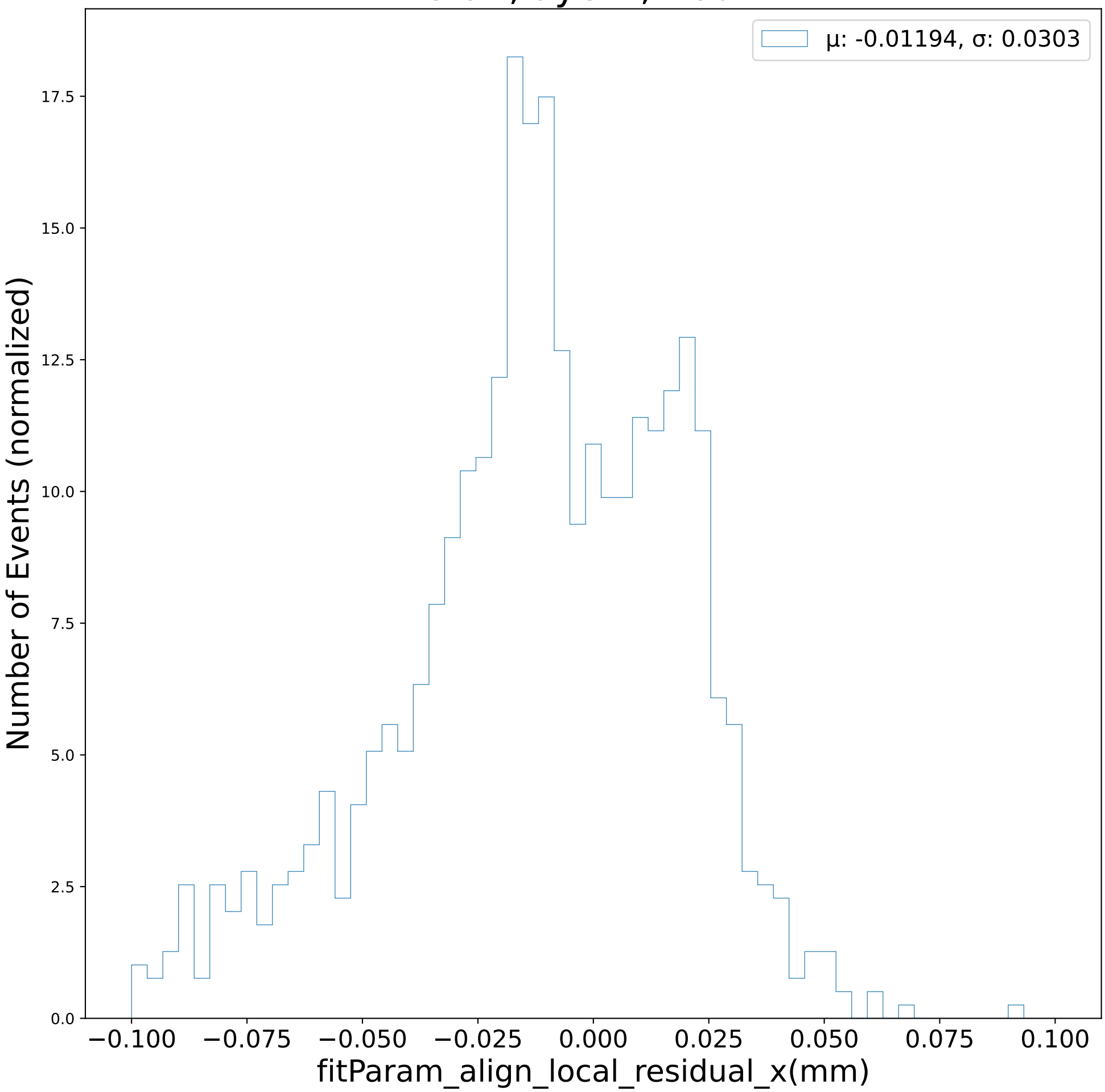

sta2,layer0,mod5
μ: -0.01276, σ: 0.03148
Number of Events (normalized)
0
2
4
6
8
10
12
14
16
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

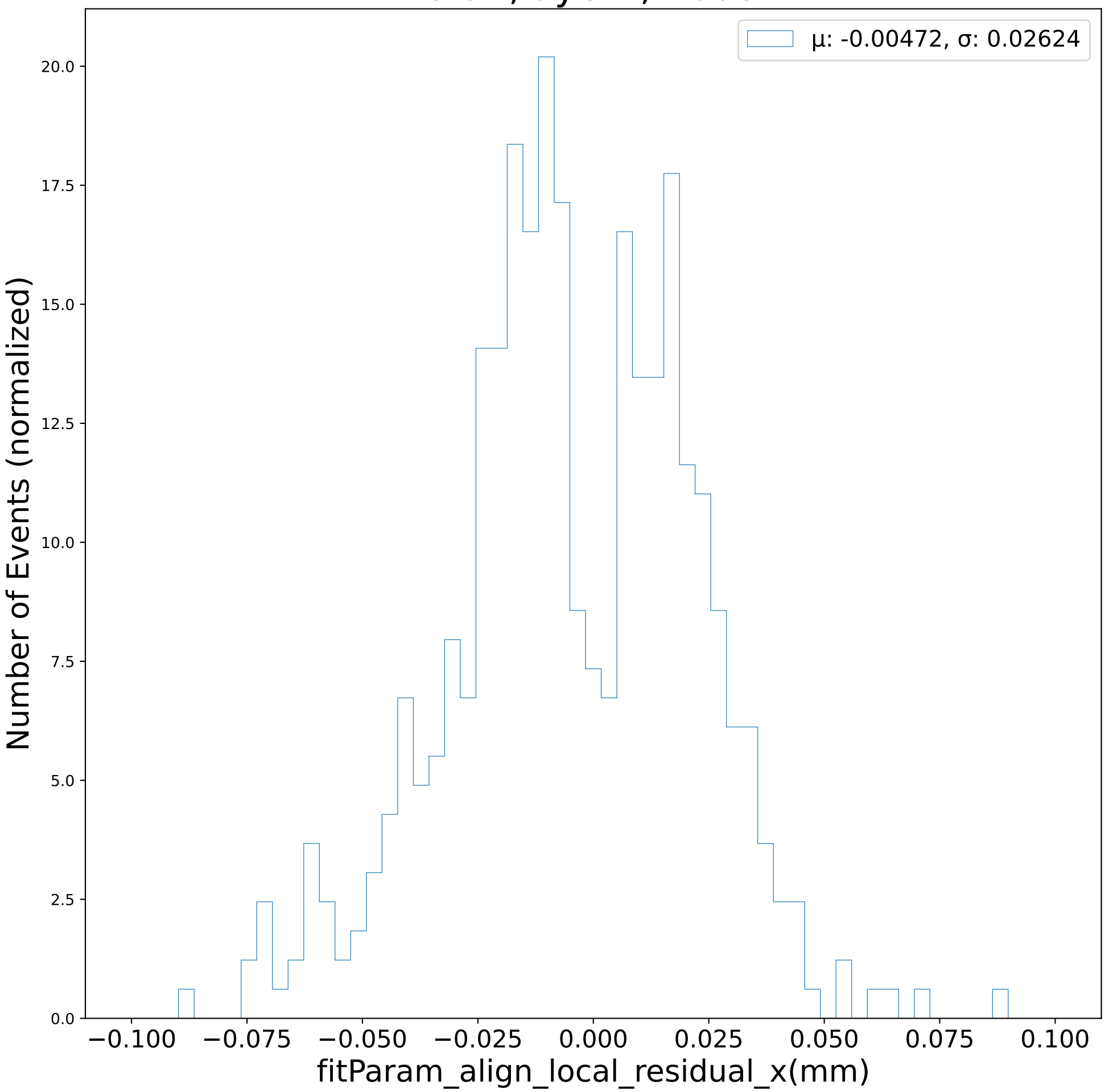

sta2,layer0,mod6
μ: -0.0136, σ: 0.03033
Number of Events (normalized)
0
2
4
6
8
10
12
14
16
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

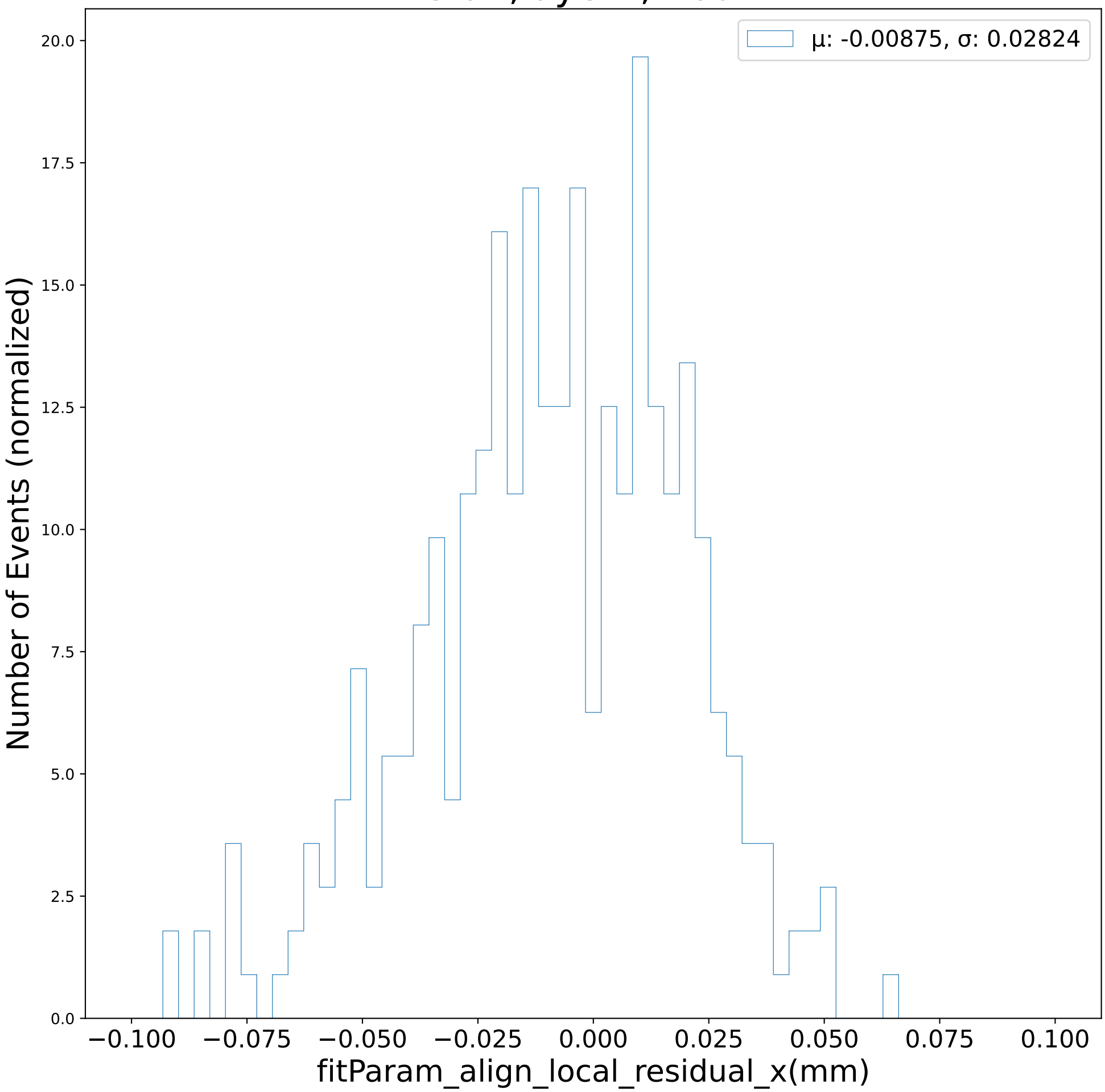

sta2,layer0,mod7
μ: -0.00846, σ: 0.02858
Number of Events (normalized)
0
2
4
6
8
10
12
14
16
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

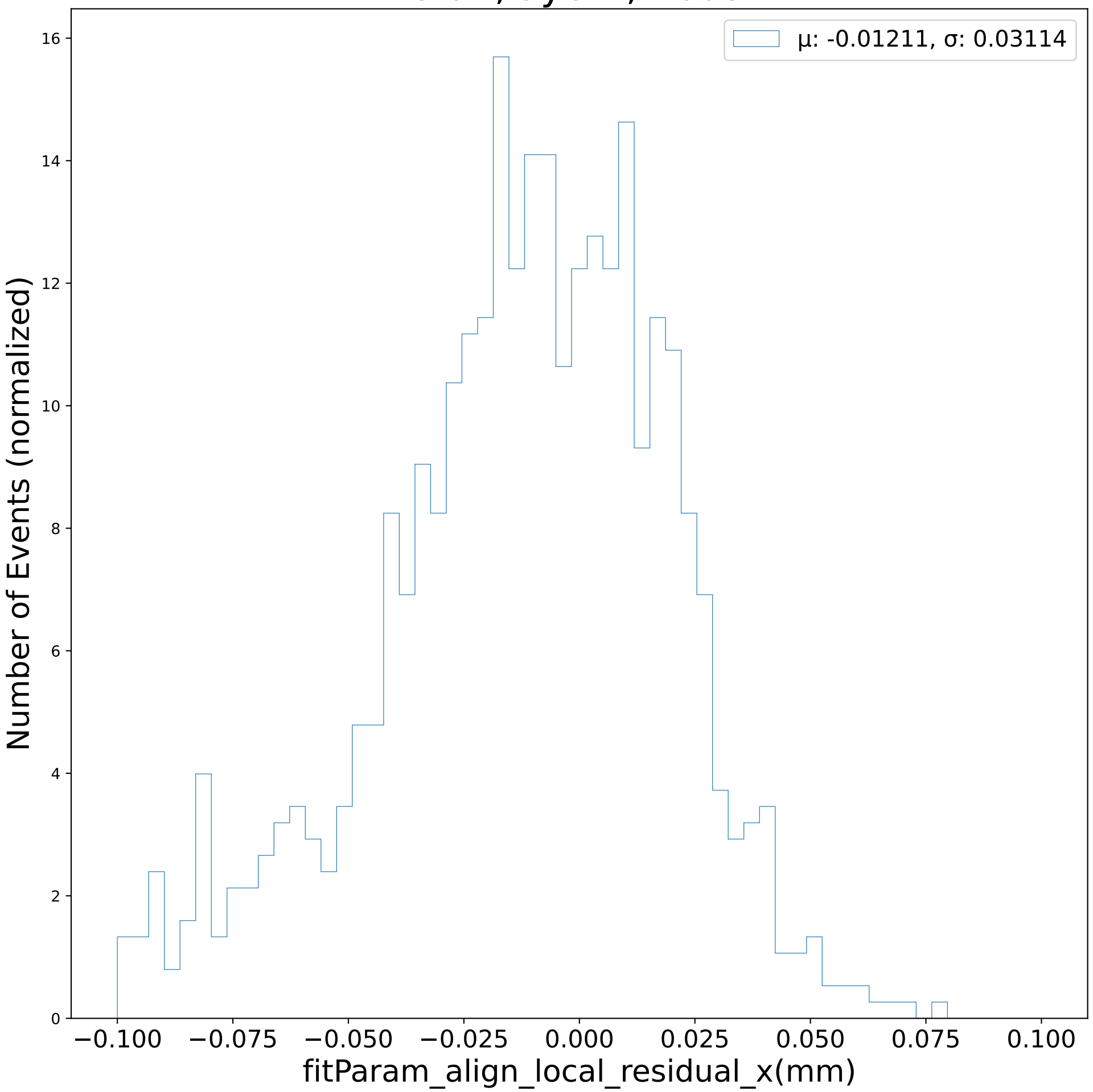

sta2,layer1,mod0
μ: -0.00777, σ: 0.0273
Number of Events (normalized)
0
5
10
20
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

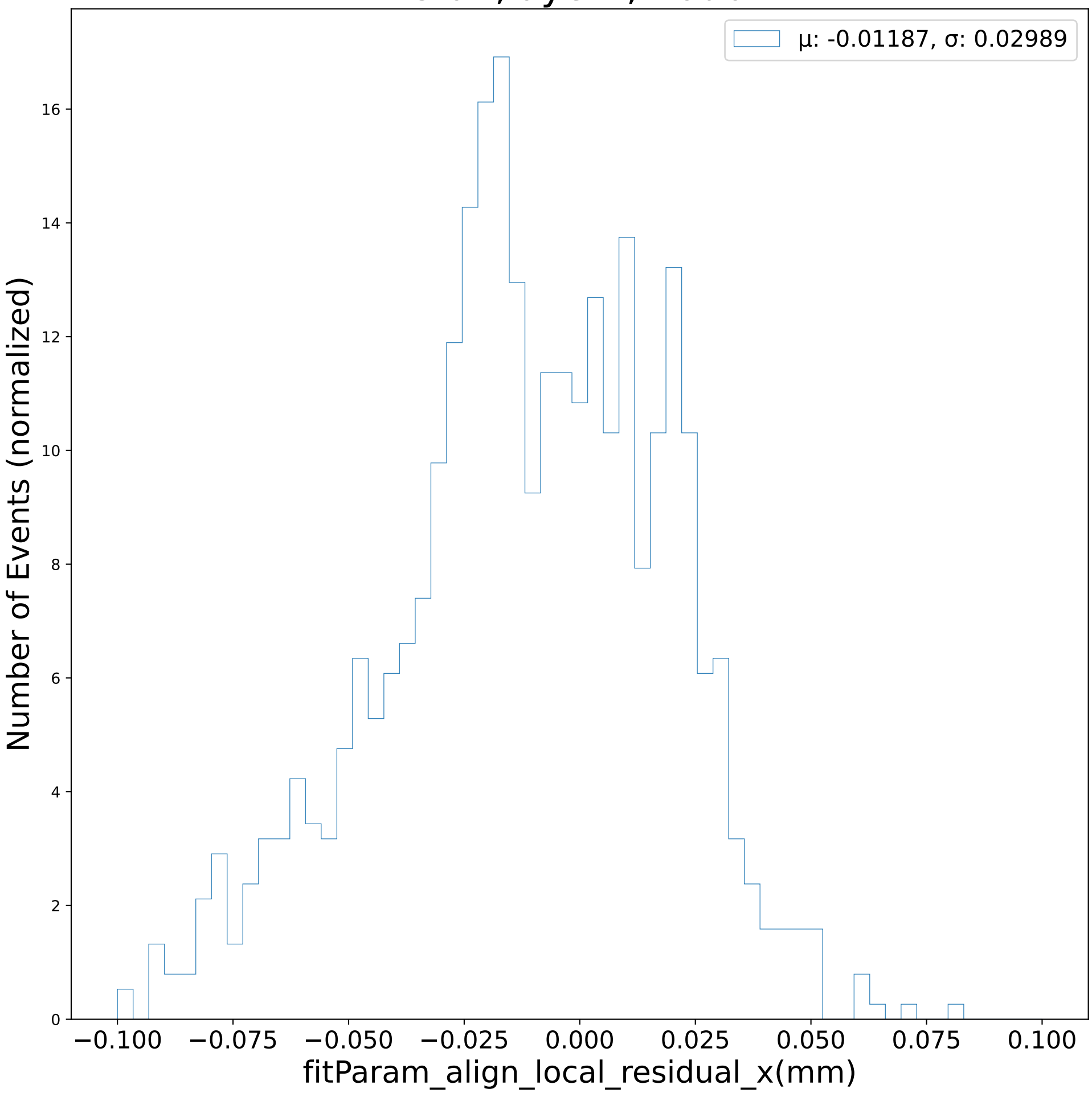

sta2,layer1,mod1
μ: -0.01264, σ: 0.03096
Number of Events (normalized)
0
2
4
6
8
10
12
14
16
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

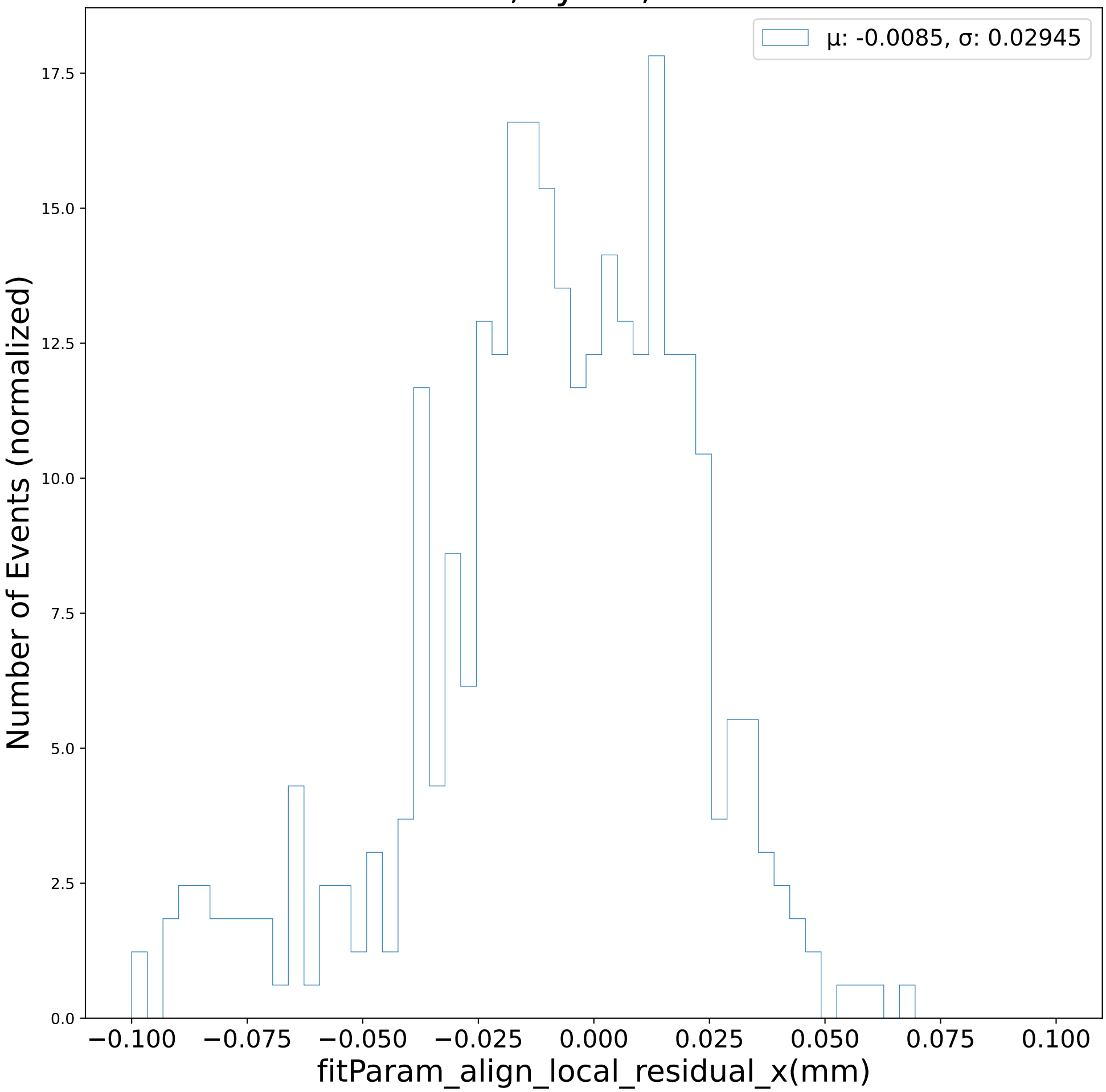

sta2,layer1,mod2
μ: -0.01194, σ: 0.0303
Number of Events (normalized)
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

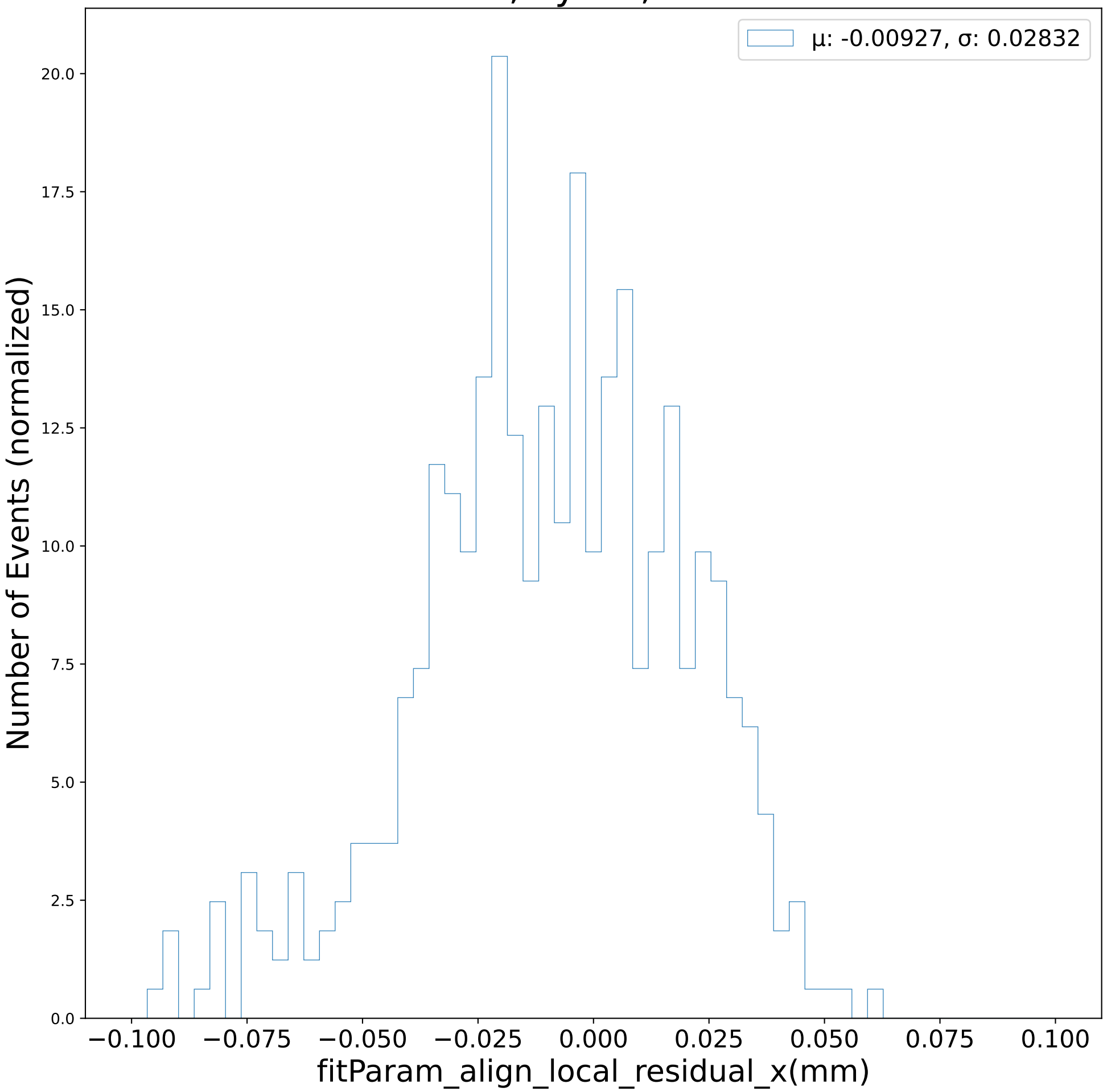

sta2,layer1,mod3
μ: -0.00472, σ: 0.02624
Number of Events (normalized)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

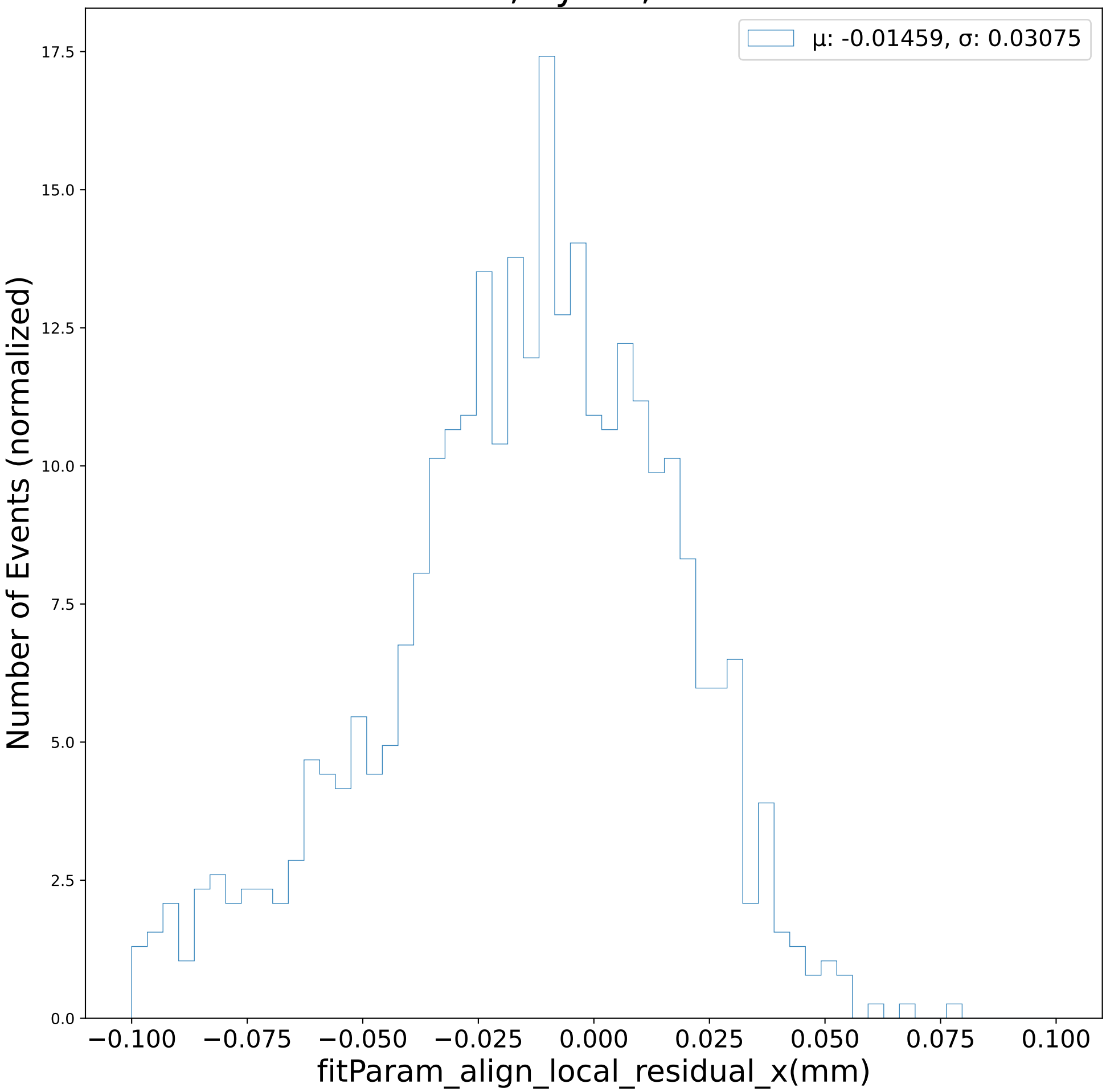

sta2,layer1,mod4
μ: -0.00875, σ: 0.02824
Number of Events (normalized)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

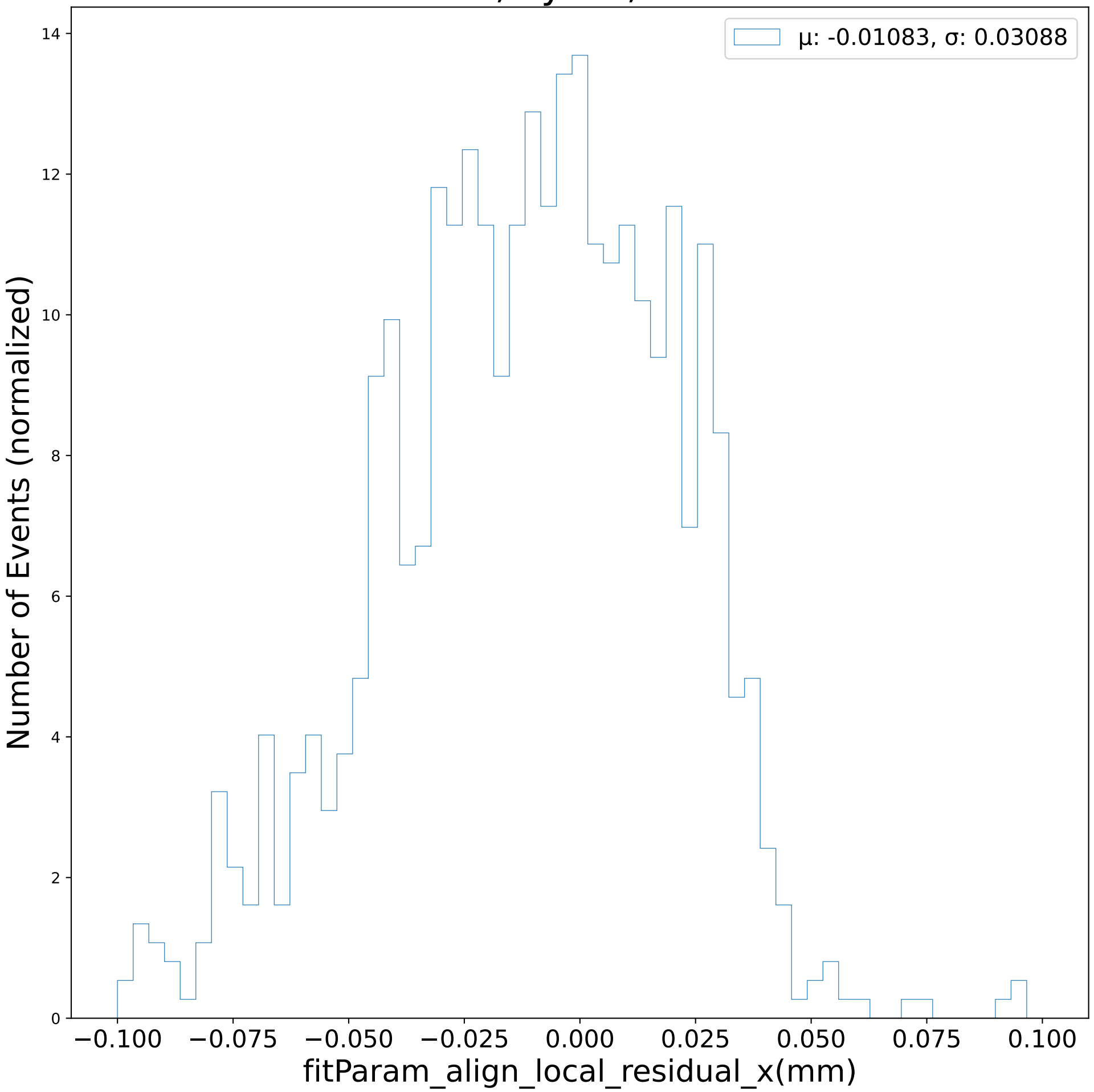

sta2,layer1,mod5
μ: -0.01211, σ: 0.03114
Number of Events (normalized)
0
2
4
6
8
10
12
14
16
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

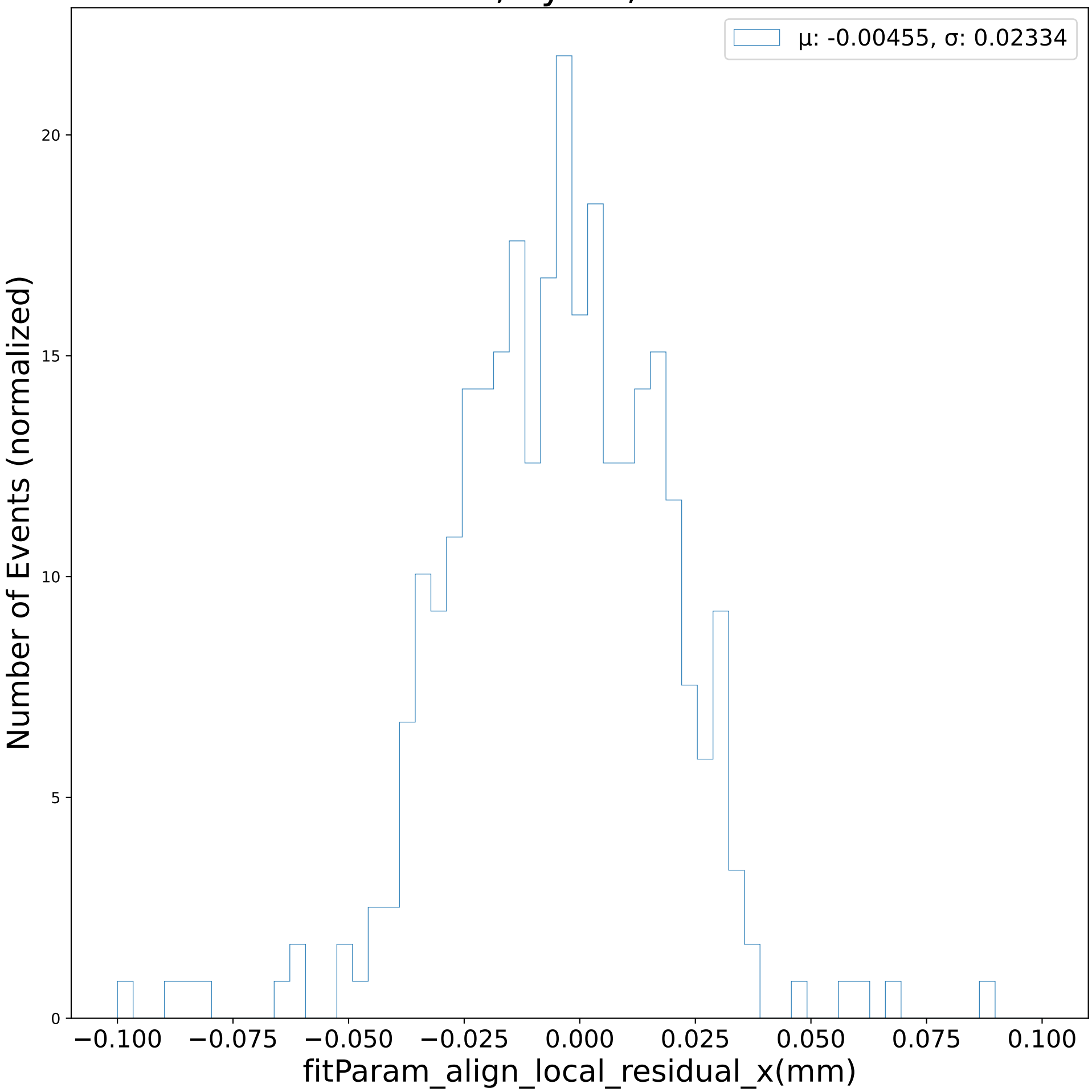

sta2,layer1,mod6
μ: -0.01187, σ: 0.02989
Number of Events (normalized)
0
2
4
6
8
10
12
14
16
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

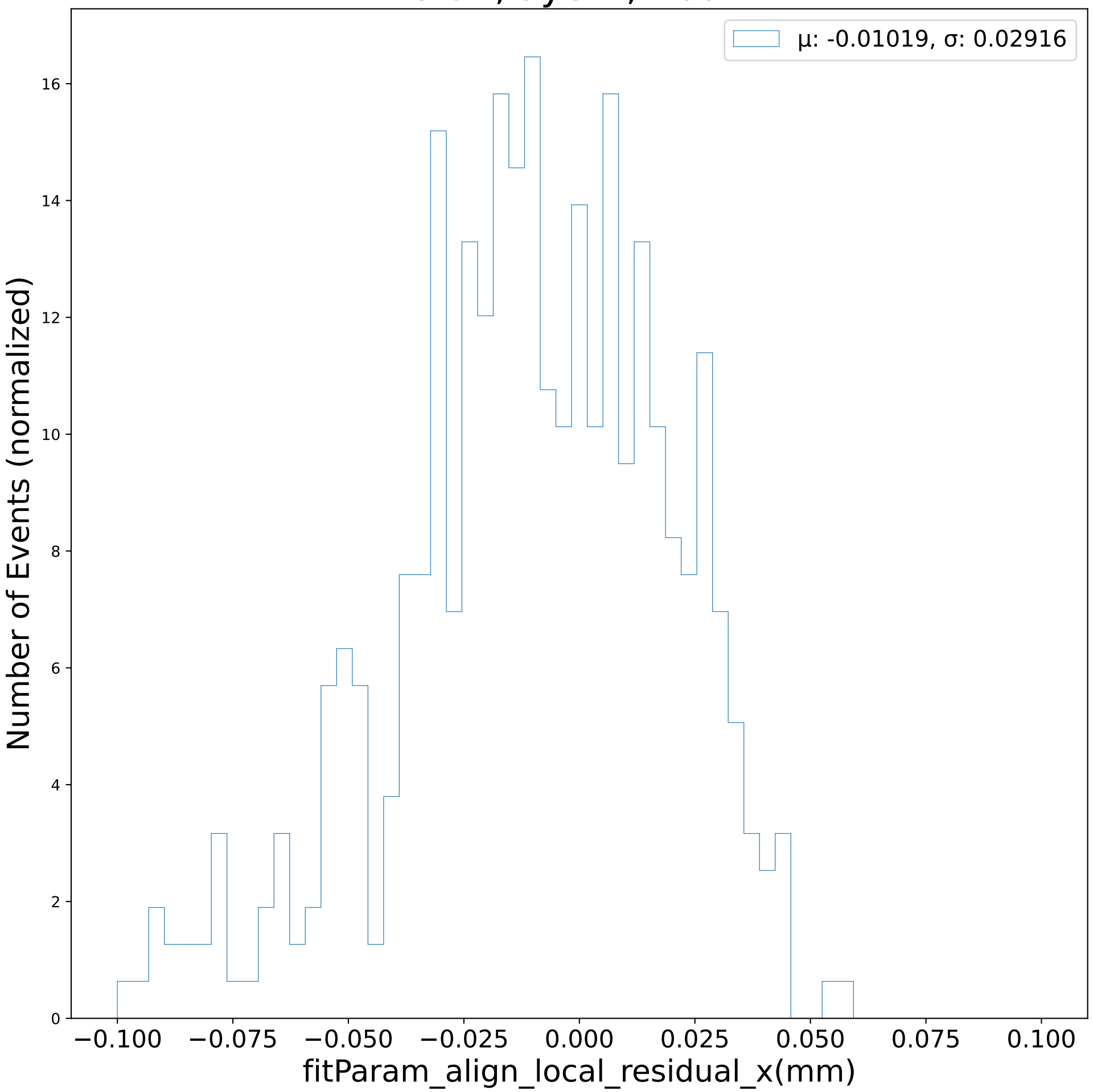

sta2,layer1,mod7
μ: -0.0085, σ: 0.02945
Number of Events (normalized)
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

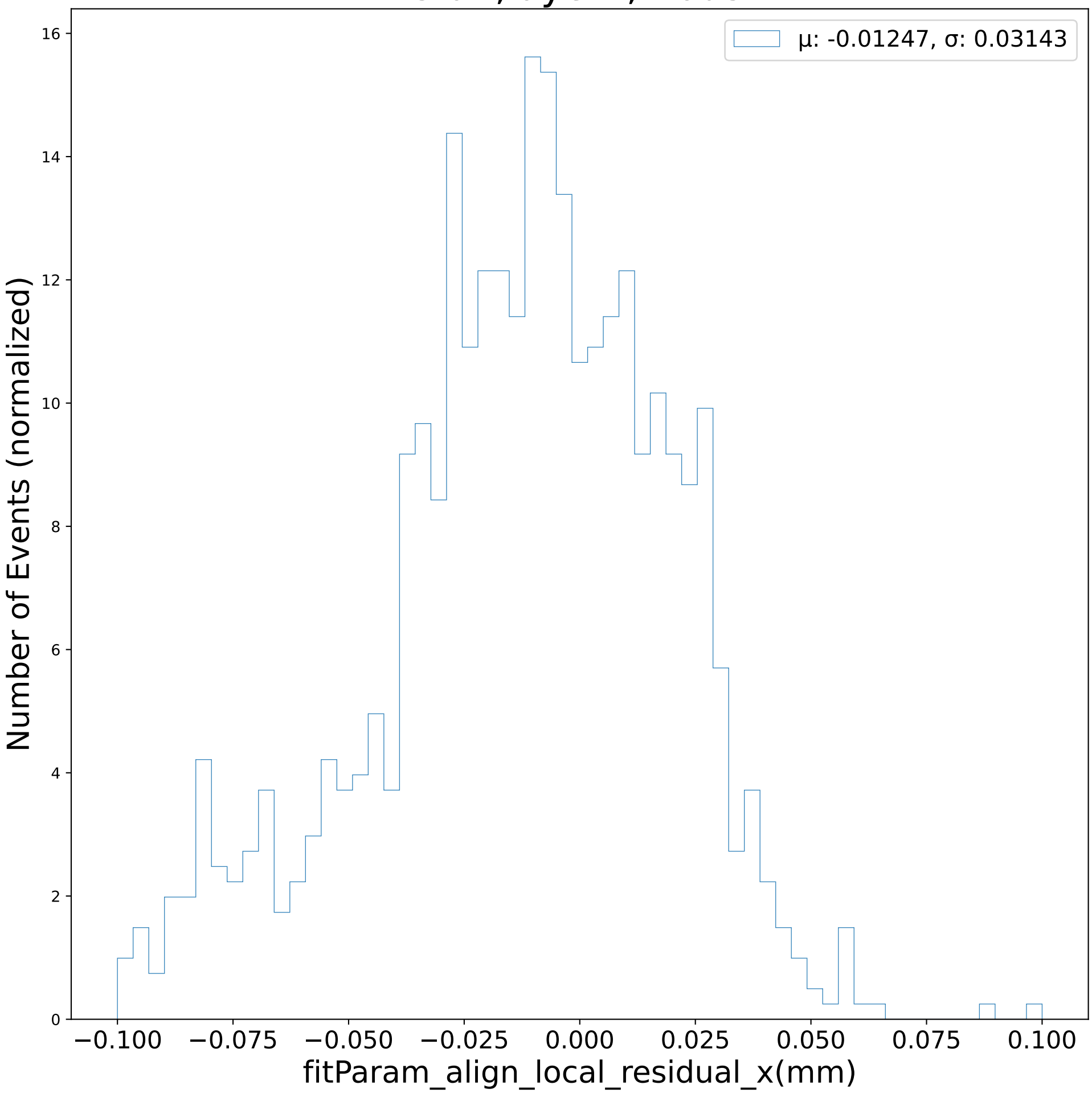

sta2,layer2,mod0
μ: -0.00927, σ: 0.02832
Number of Events (normalized)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

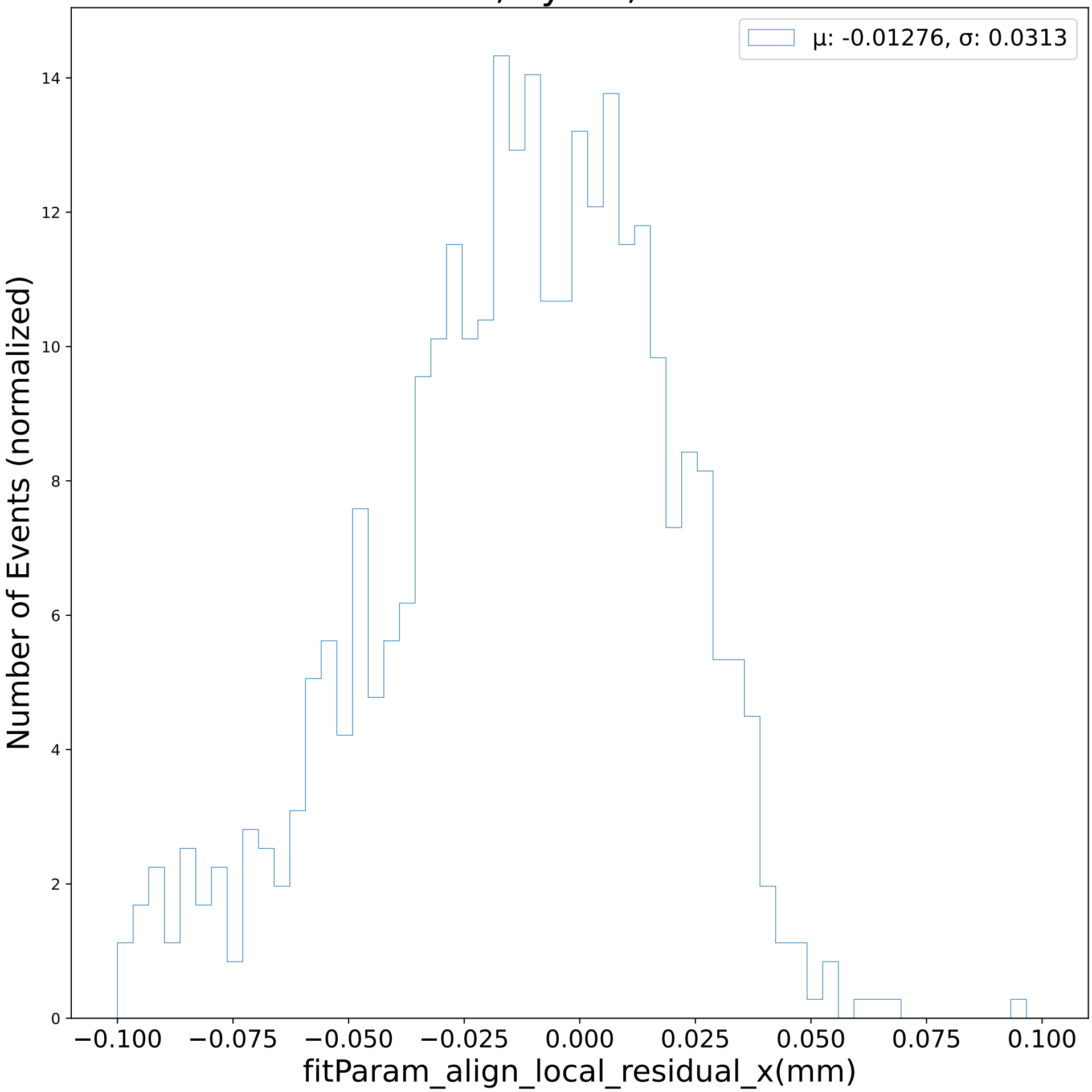

sta2,layer2,mod1
μ: -0.01459, σ: 0.03075
Number of Events (normalized)
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

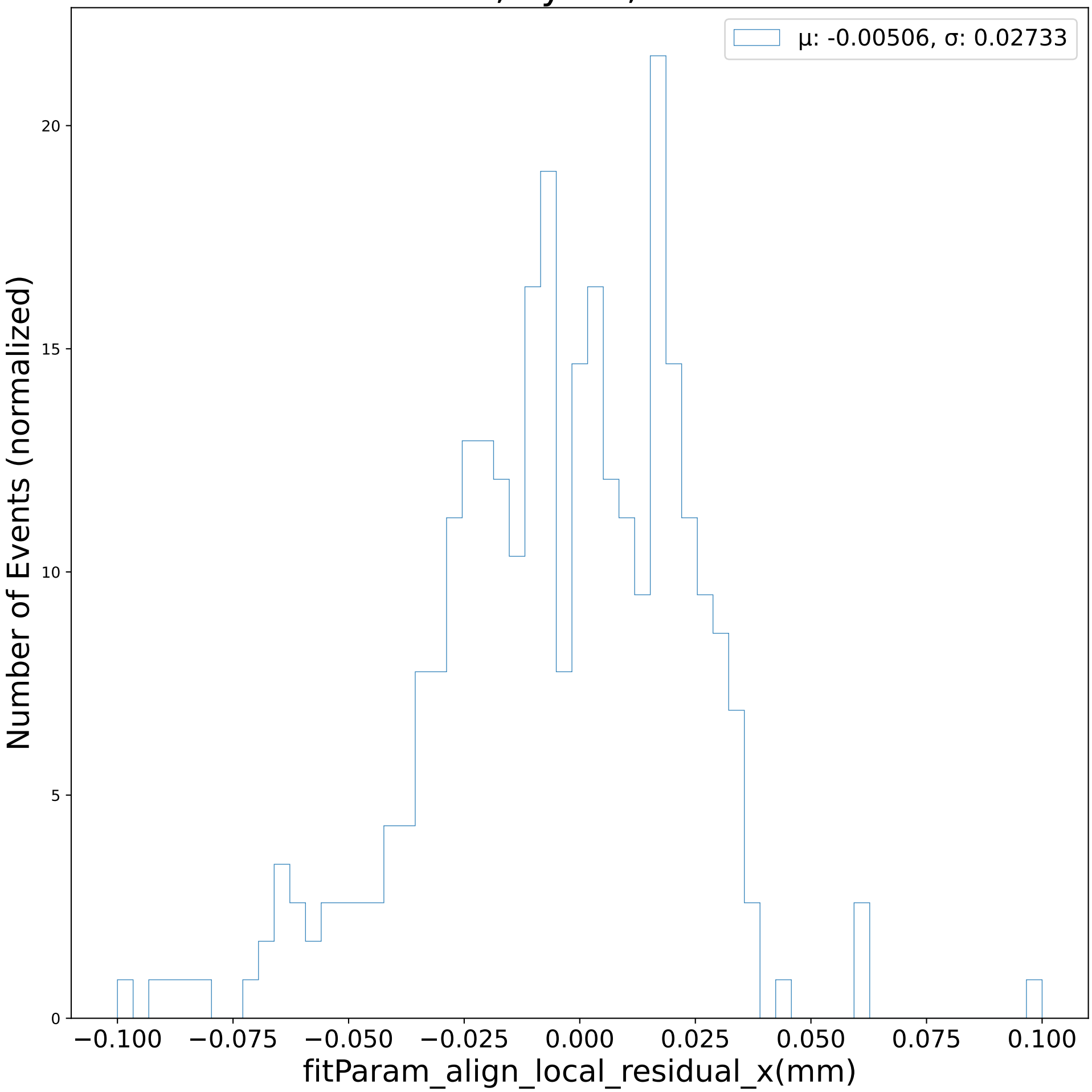

sta2,layer2,mod2
μ: -0.01083, σ: 0.03088
Number of Events (normalized)
0
2
4
6
8
10
12
14
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

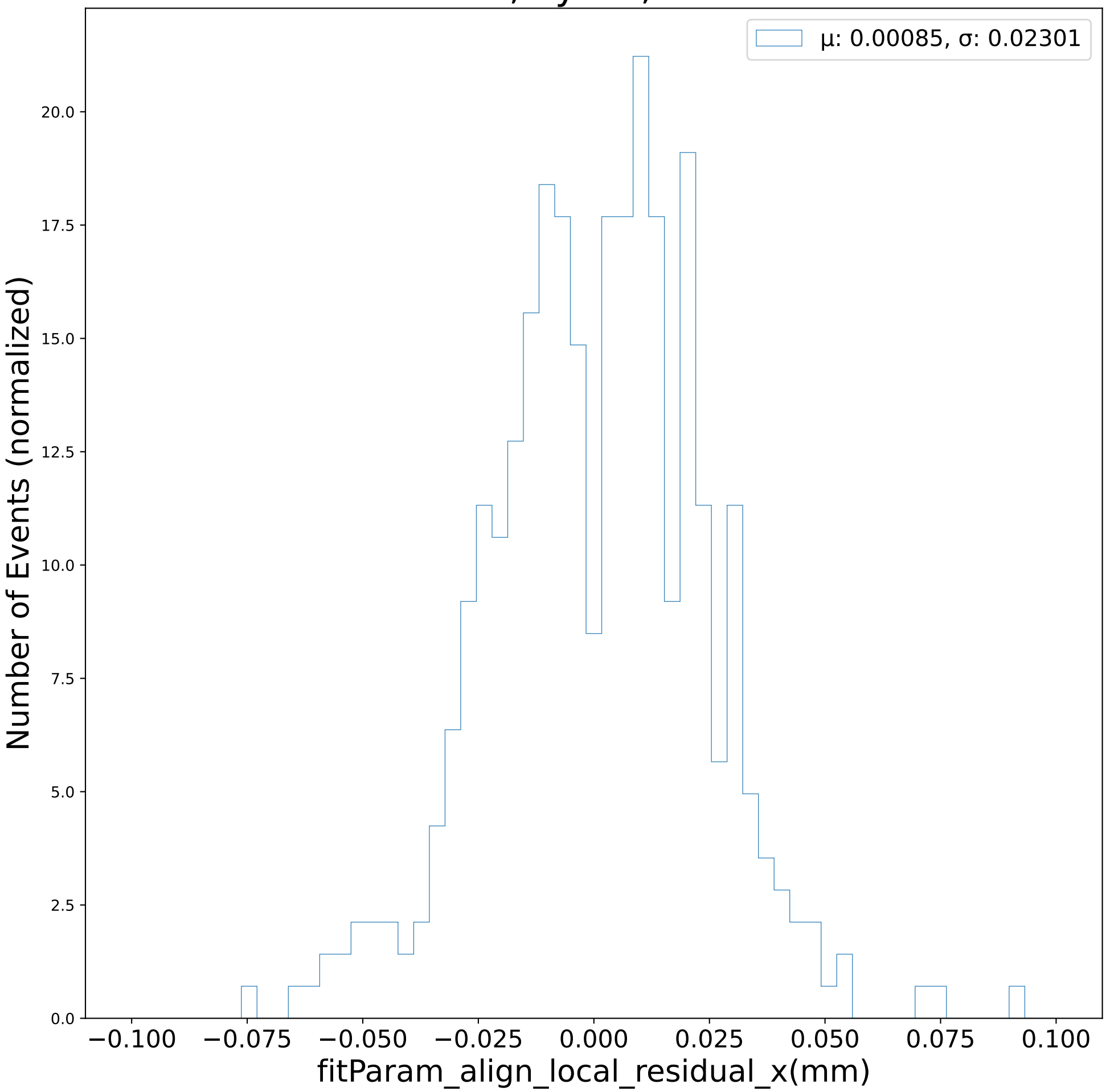

sta2,layer2,mod3
μ: -0.00455, σ: 0.02334
Number of Events (normalized)
0
5
10
15
20
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

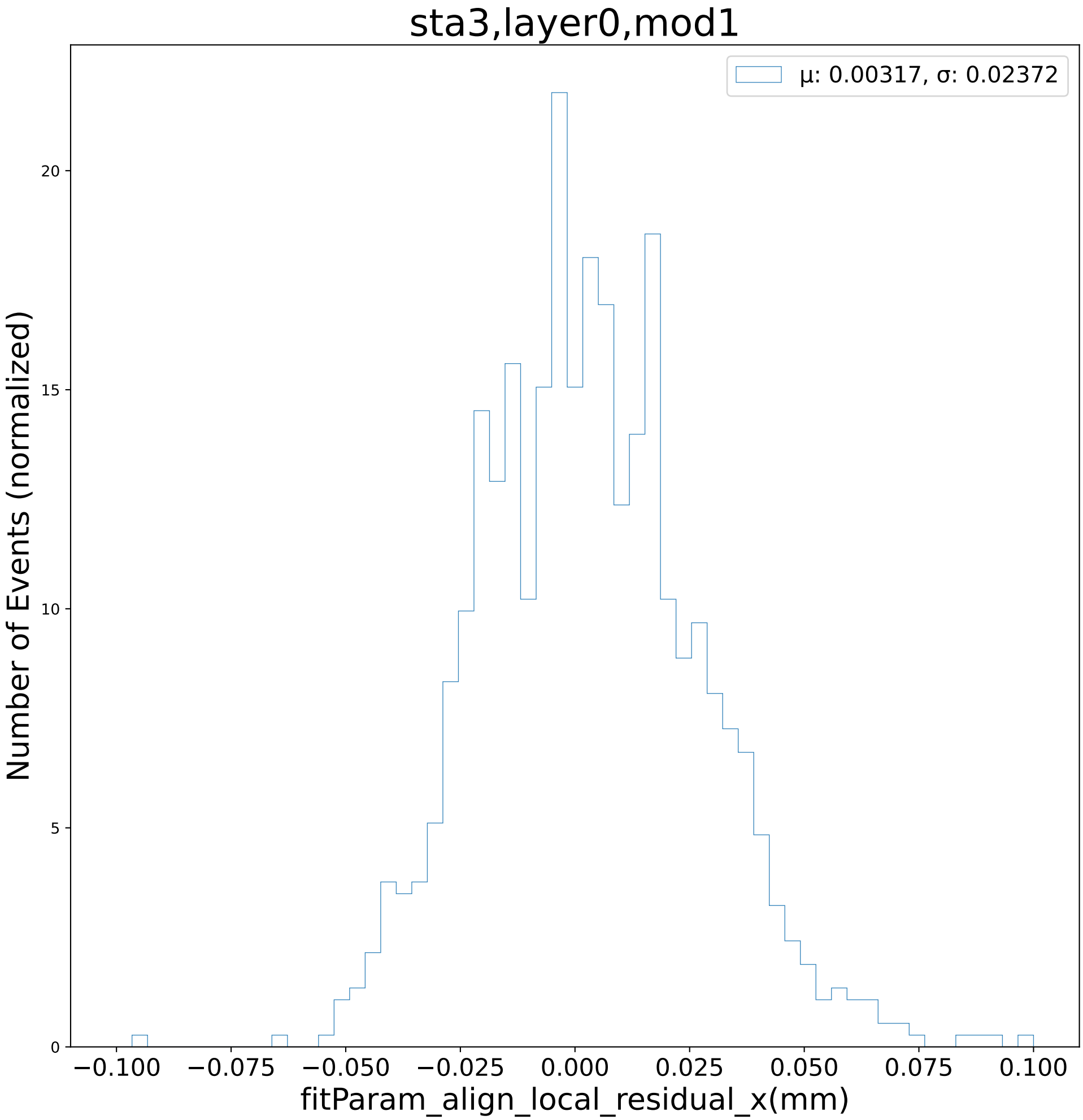

sta2,layer2,mod4
μ: -0.01019, σ: 0.02916
Number of Events (normalized)
0
2
4
6
8
10
12
14
16
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

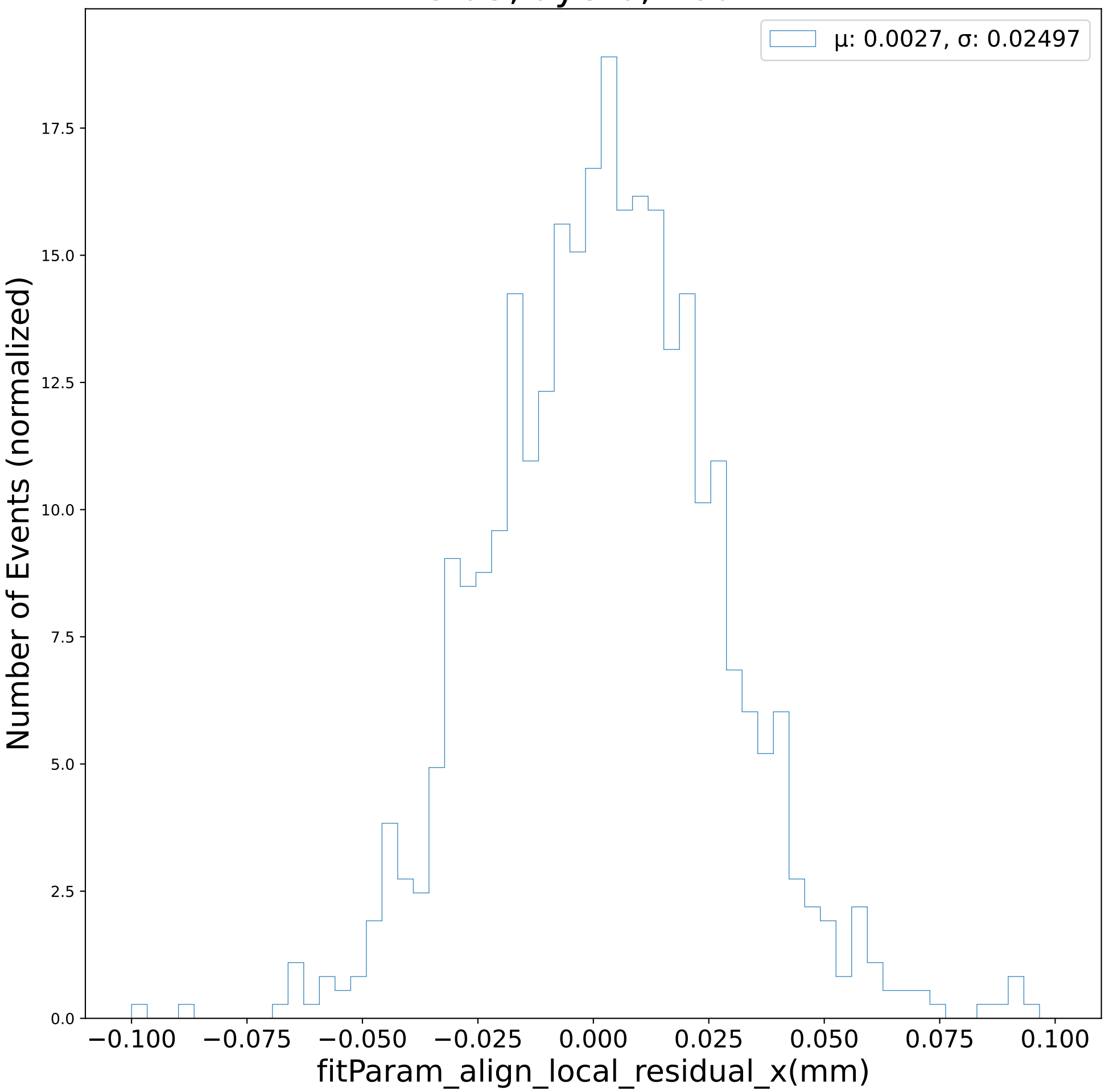

sta2,layer2,mod5
μ: -0.01247, σ: 0.03143
Number of Events (normalized)
0
2
4
6
8
10
12
14
16
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

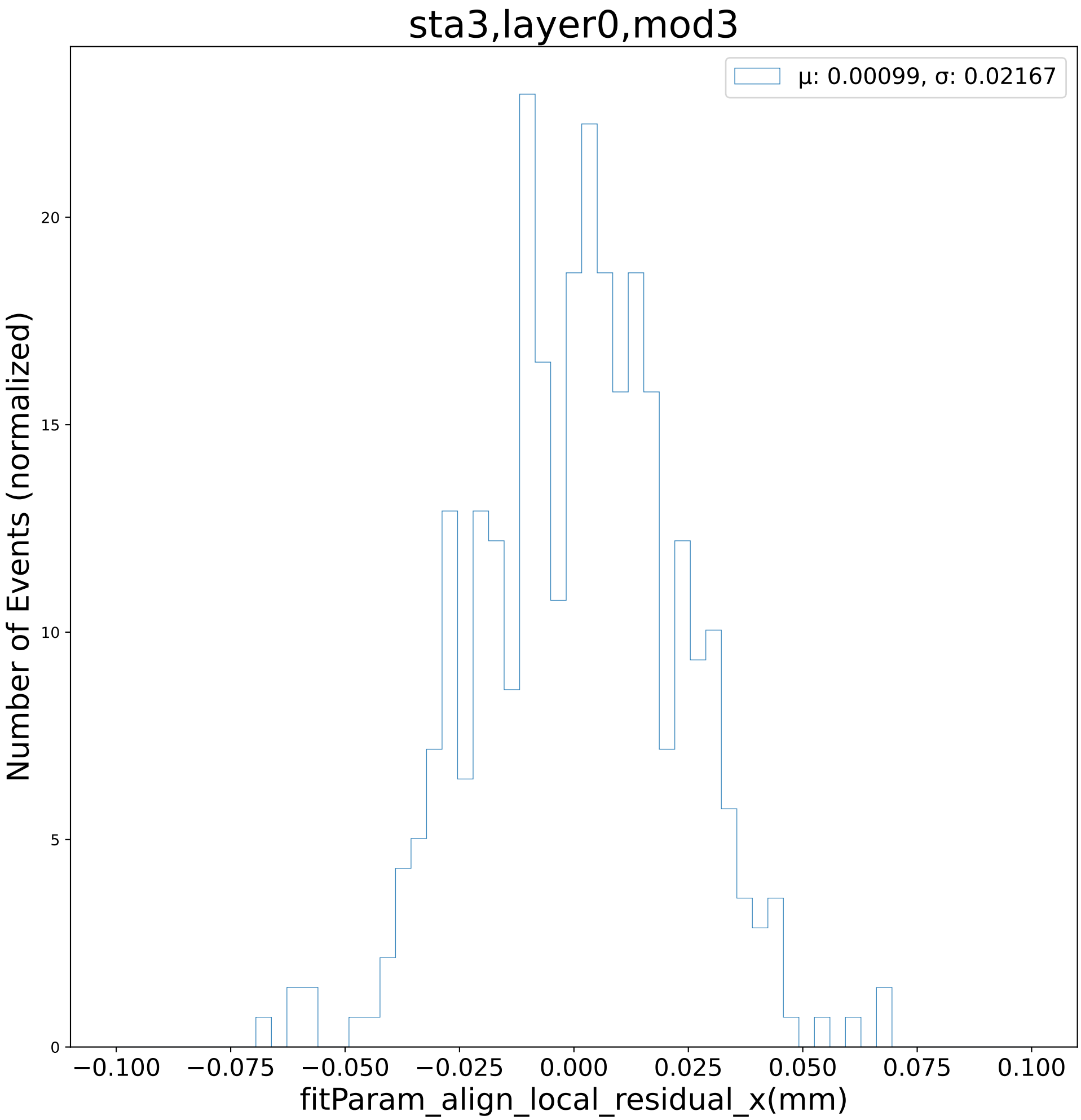

sta2,layer2,mod6
μ: -0.01276, σ: 0.0313
Number of Events (normalized)
0
2
4
6
8
10
12
14
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

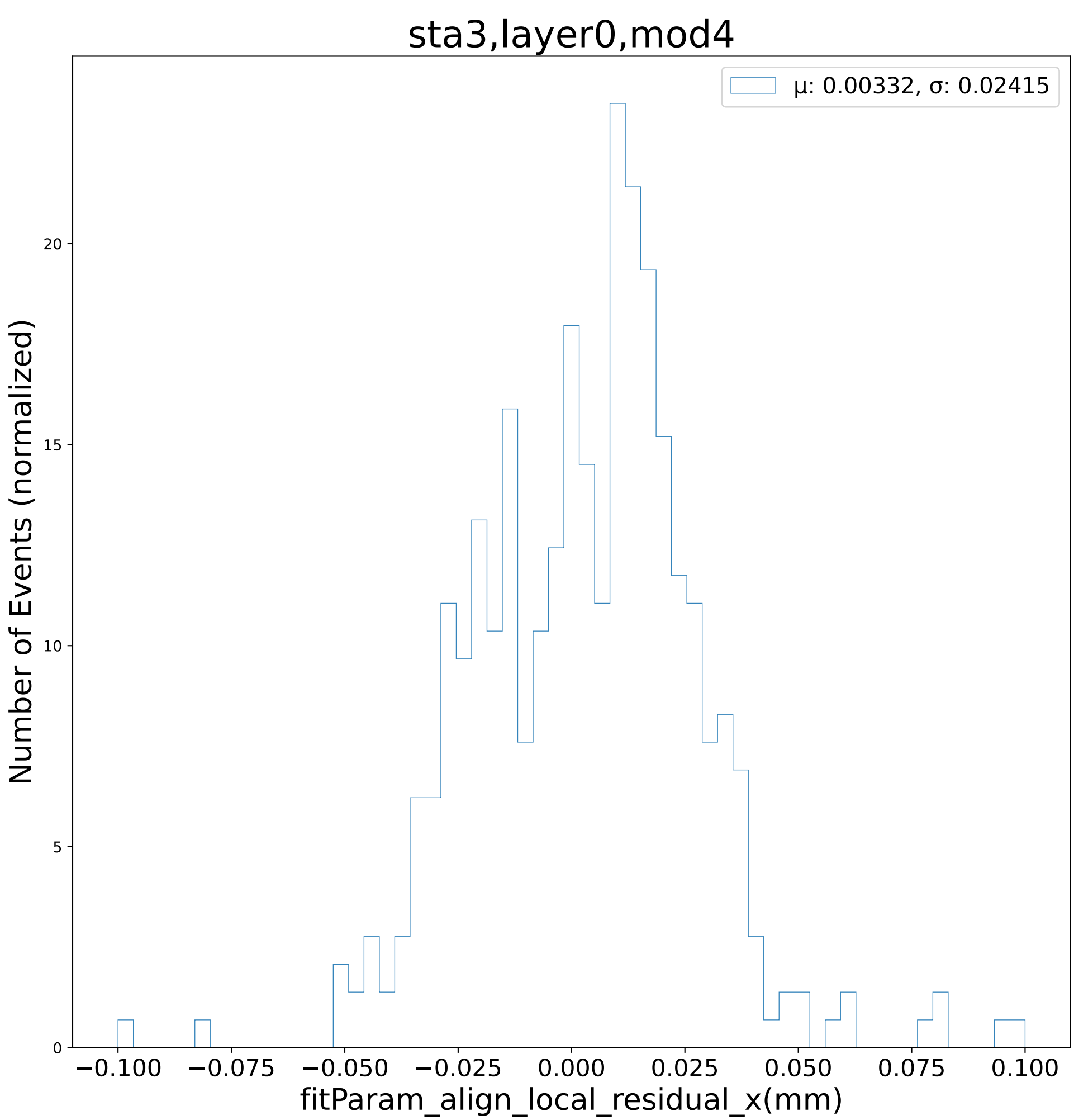

sta2,layer2,mod7
μ: -0.00506, σ: 0.02733
Number of Events (normalized)
0
5
10
15
20
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

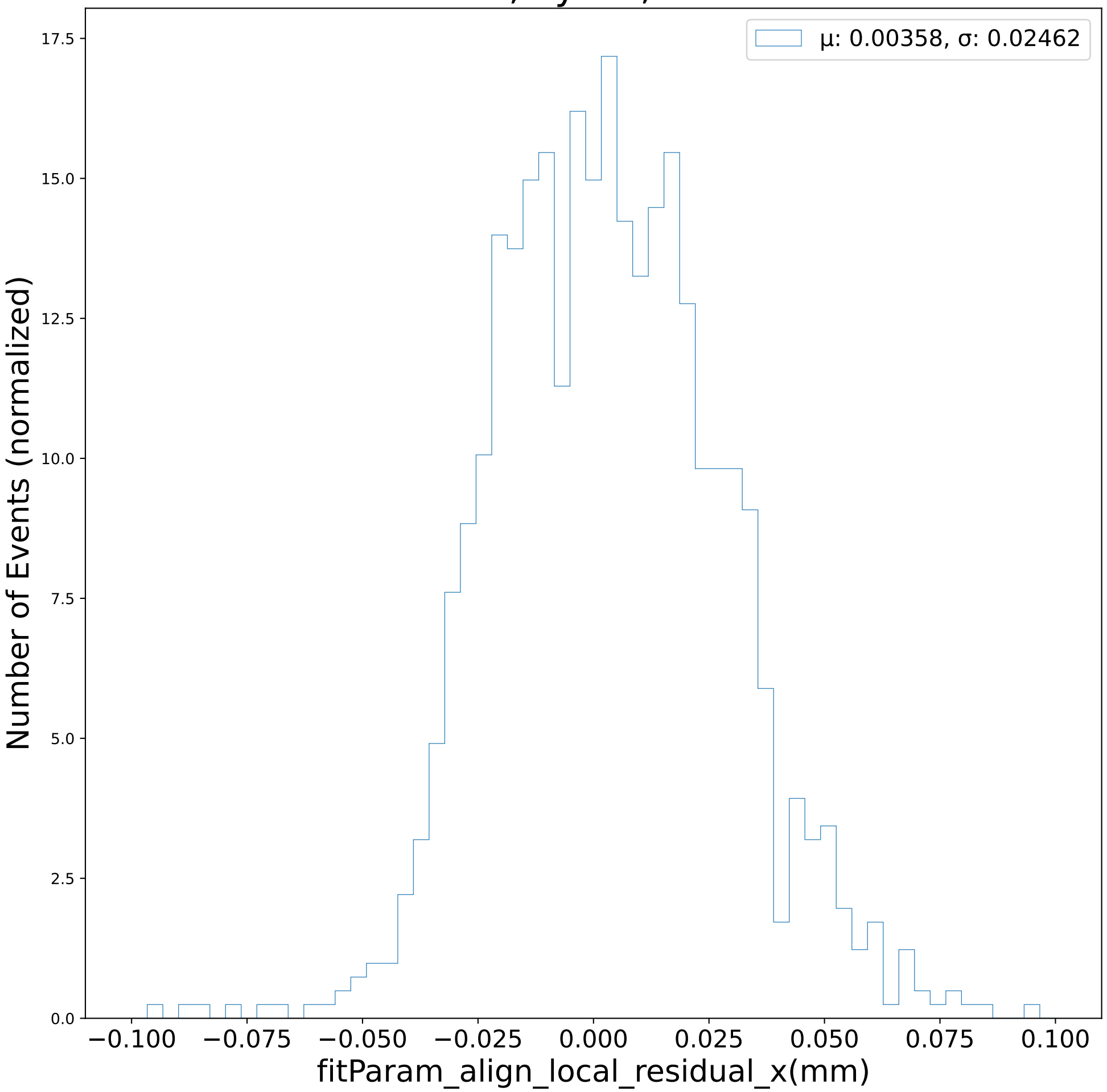

sta3,layer0,mod0
μ: 0.00085, σ: 0.02301
Number of Events (normalized)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

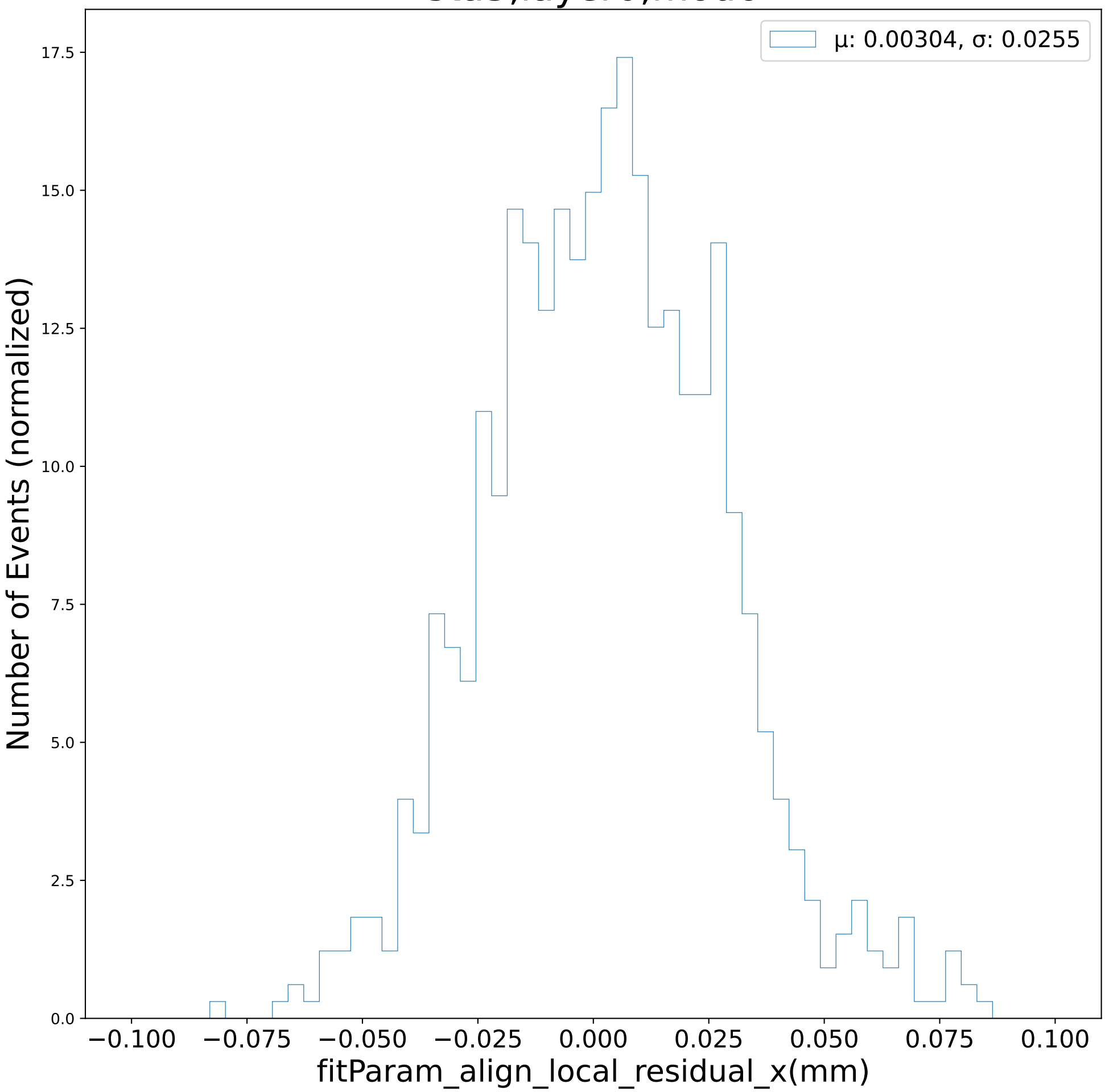

sta3,layer0,mod1
μ: 0.00317, σ: 0.02372
Number of Events (normalized)
0
5
10
15
20
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

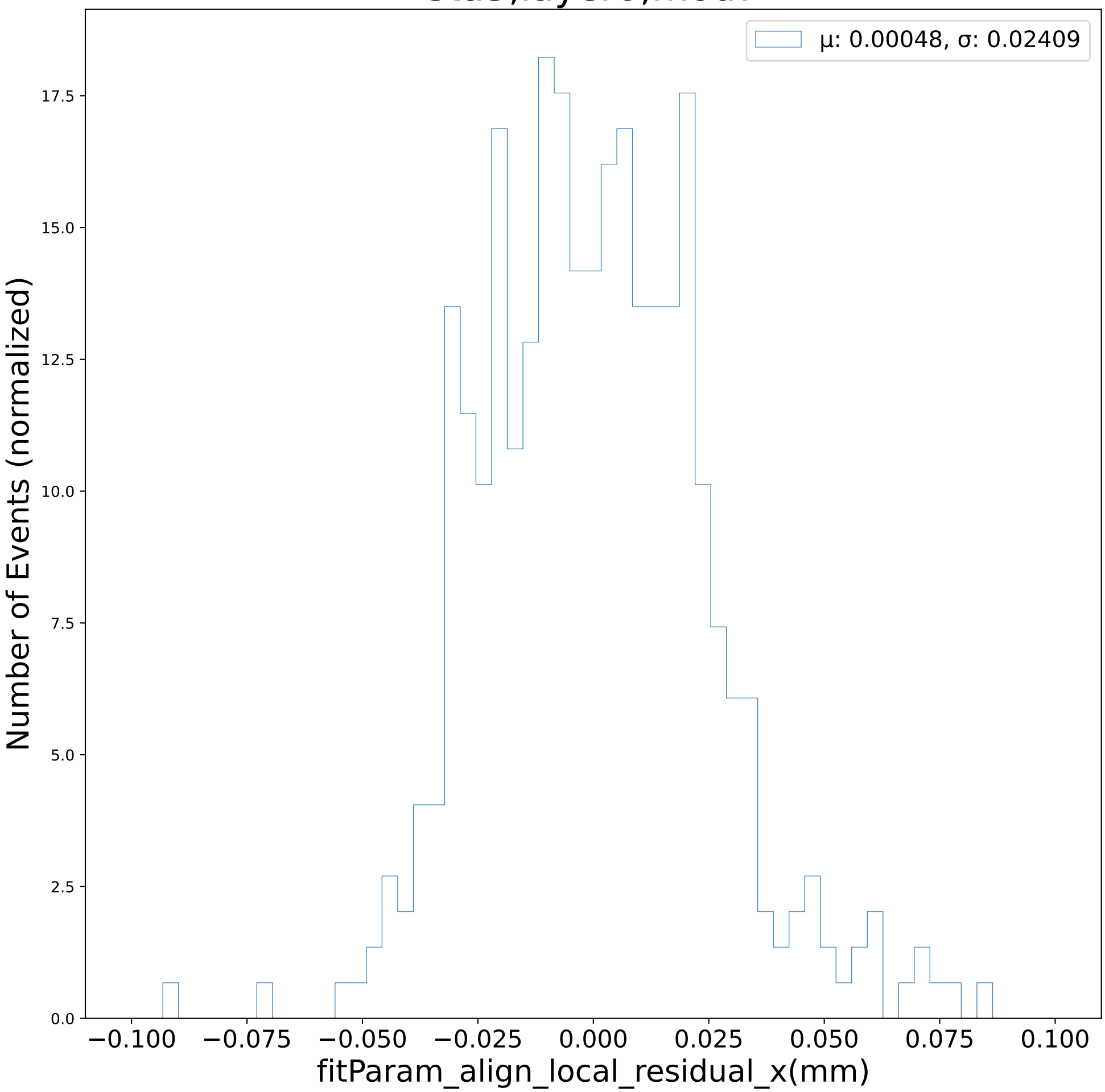

sta3,layer0,mod2
μ: 0.0027, σ: 0.02497
Number of Events (normalized)
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

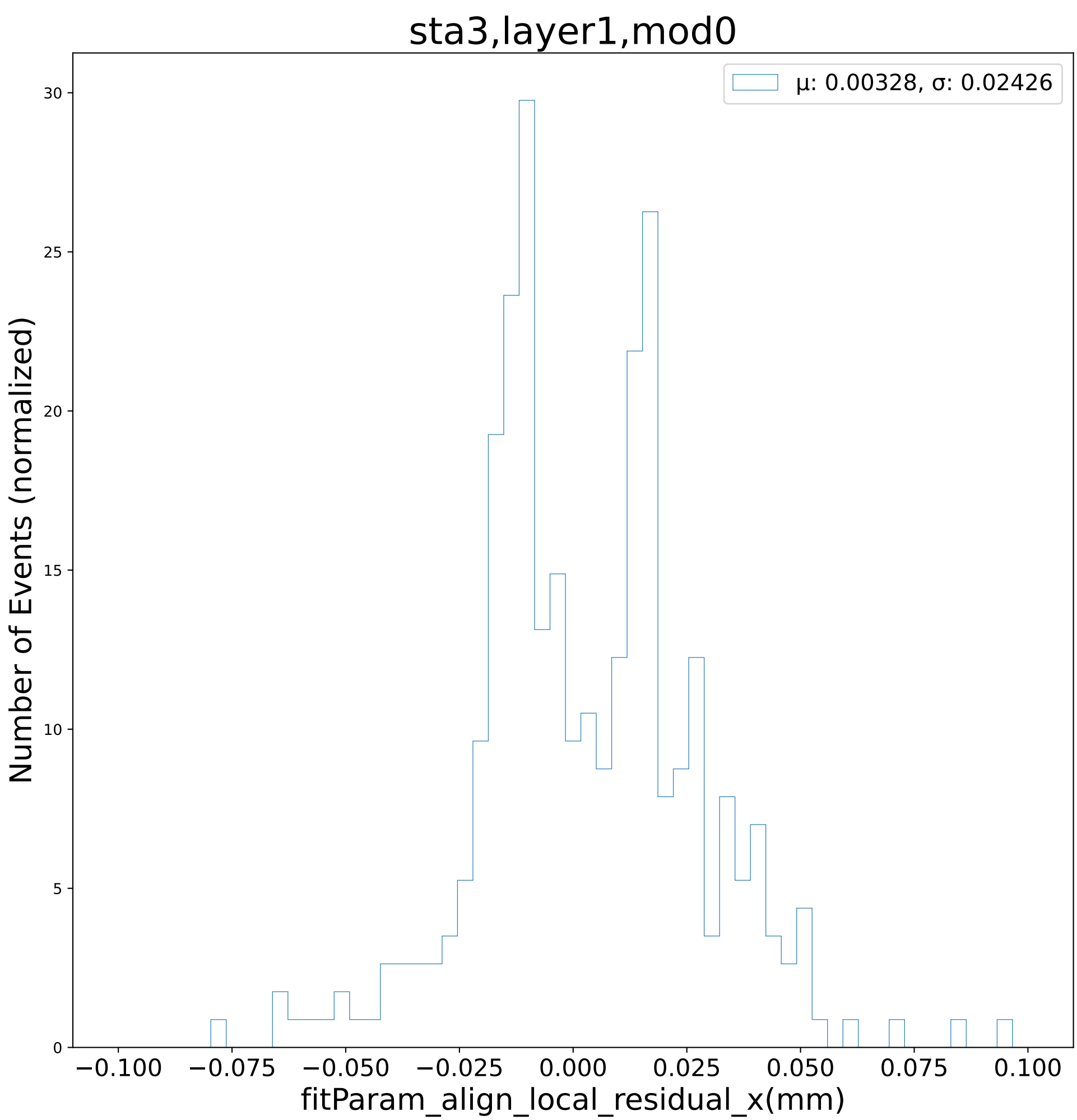

sta3,layer0,mod3
μ: 0.00099, σ: 0.02167
Number of Events (normalized)
0
5
10
15
20
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

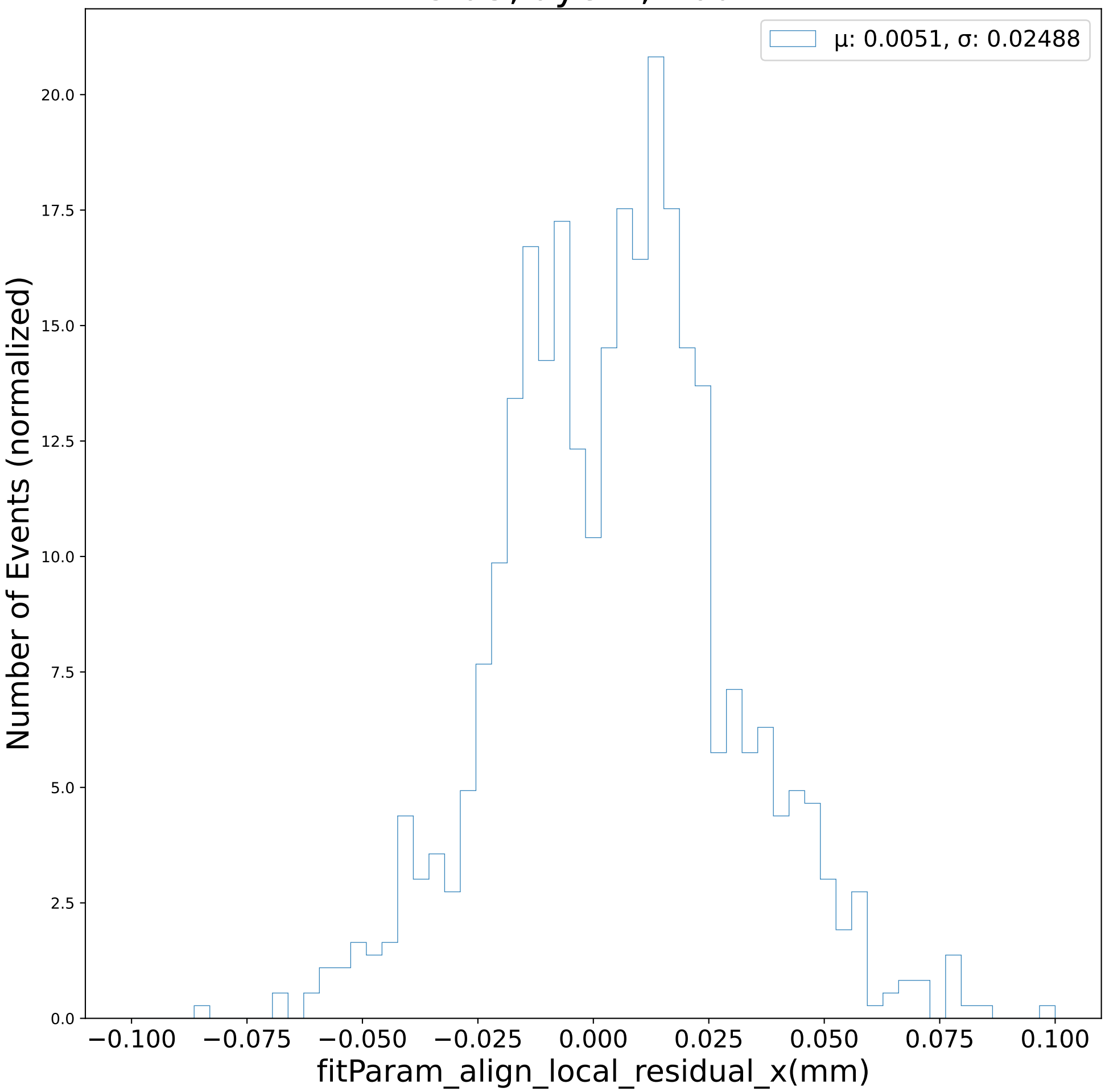

sta3,layer0,mod4
μ: 0.00332, σ: 0.02415
Number of Events (normalized)
0
5
10
20
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

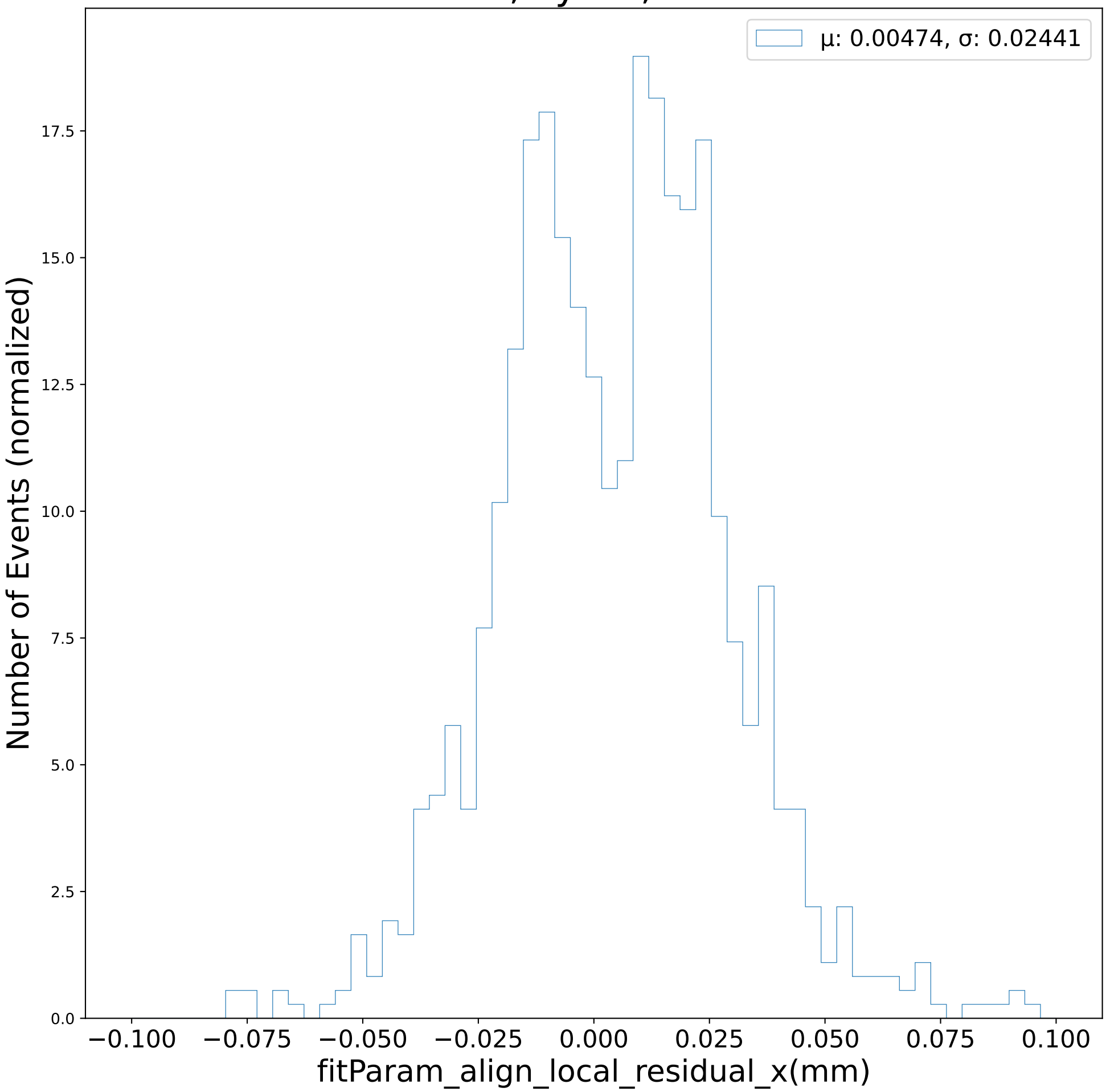

sta3,layer0,mod5
μ: 0.00358, σ: 0.02462
Number of Events (normalized)
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

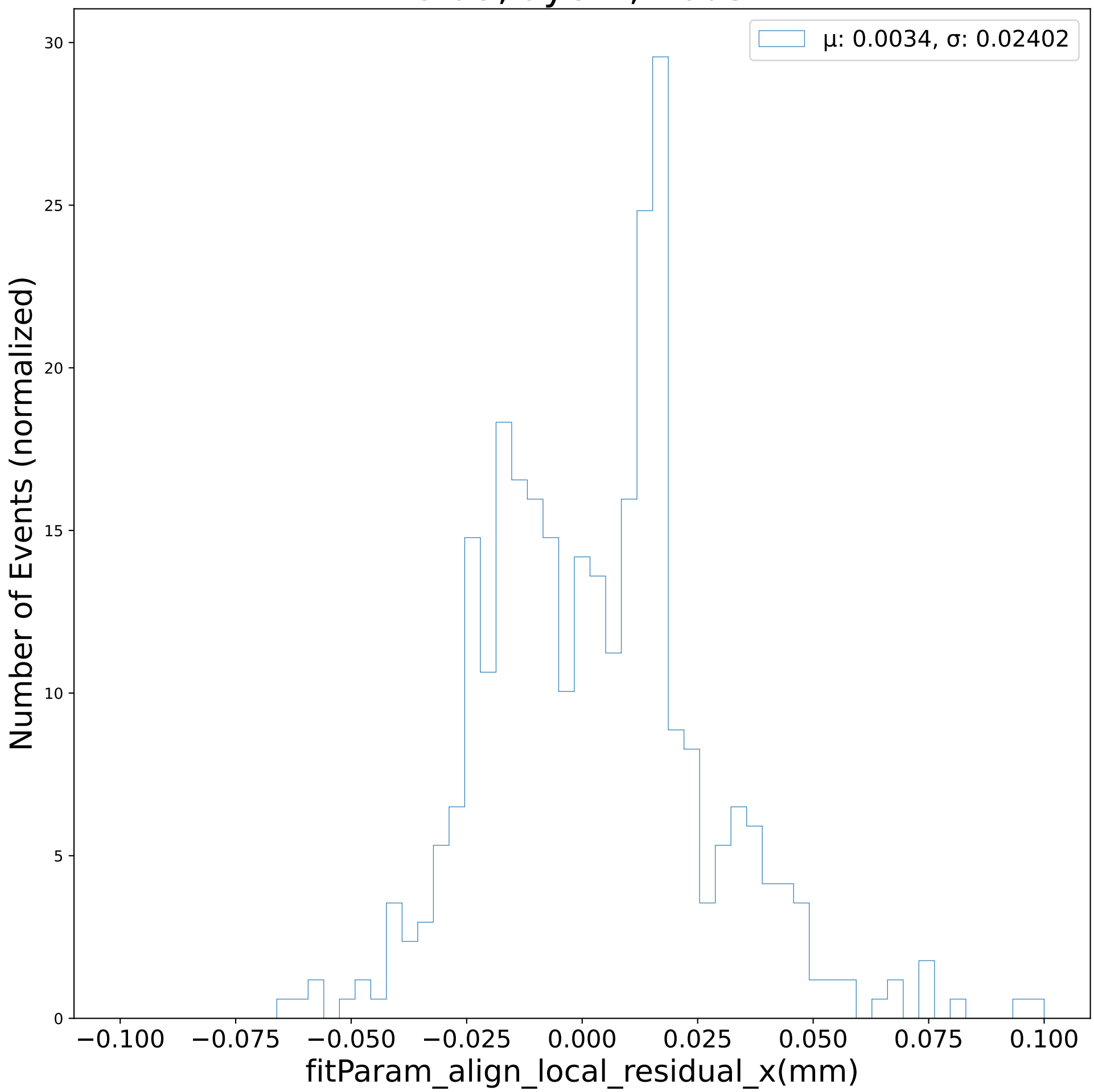

sta3,layer0,mod6
μ: 0.00304, σ: 0.0255
Number of Events (normalized)
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

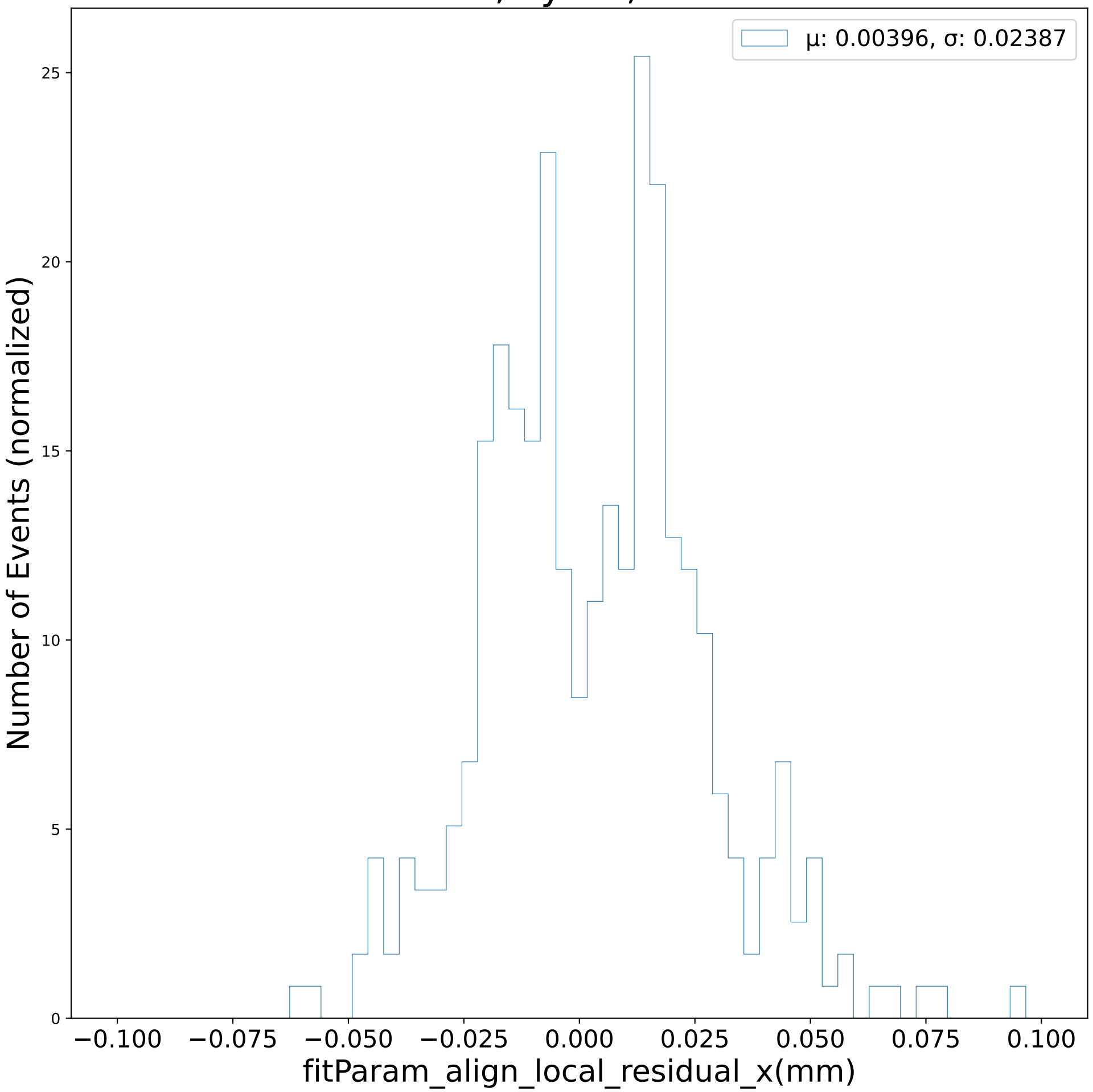

sta3,layer0,mod7
μ: 0.00048, σ: 0.02409
Number of Events (normalized)
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

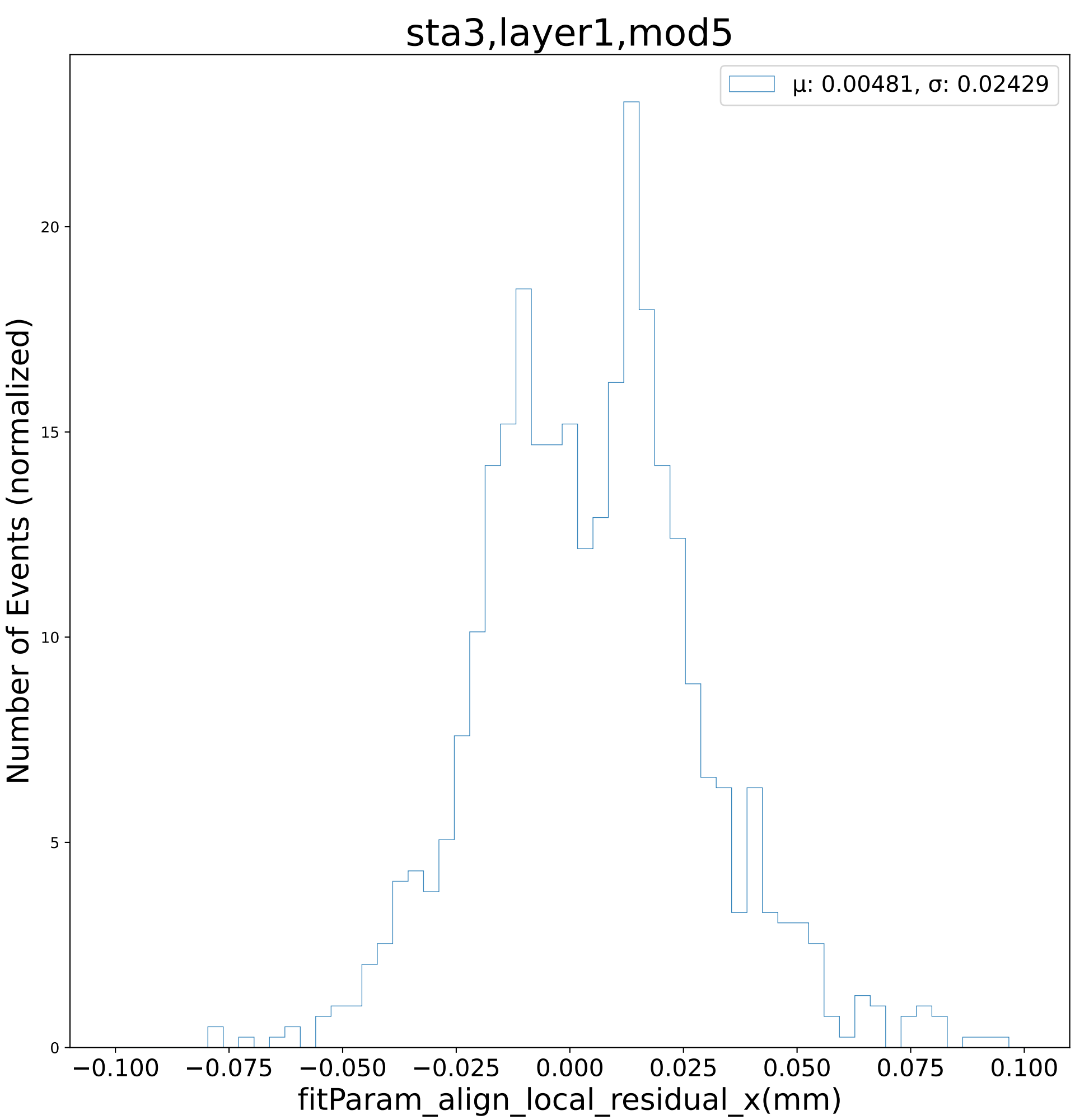

sta3,layer1,mod0
μ: 0.00328, σ: 0.02426
Number of Events (normalized)
0
5
10
15
20
25
30
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

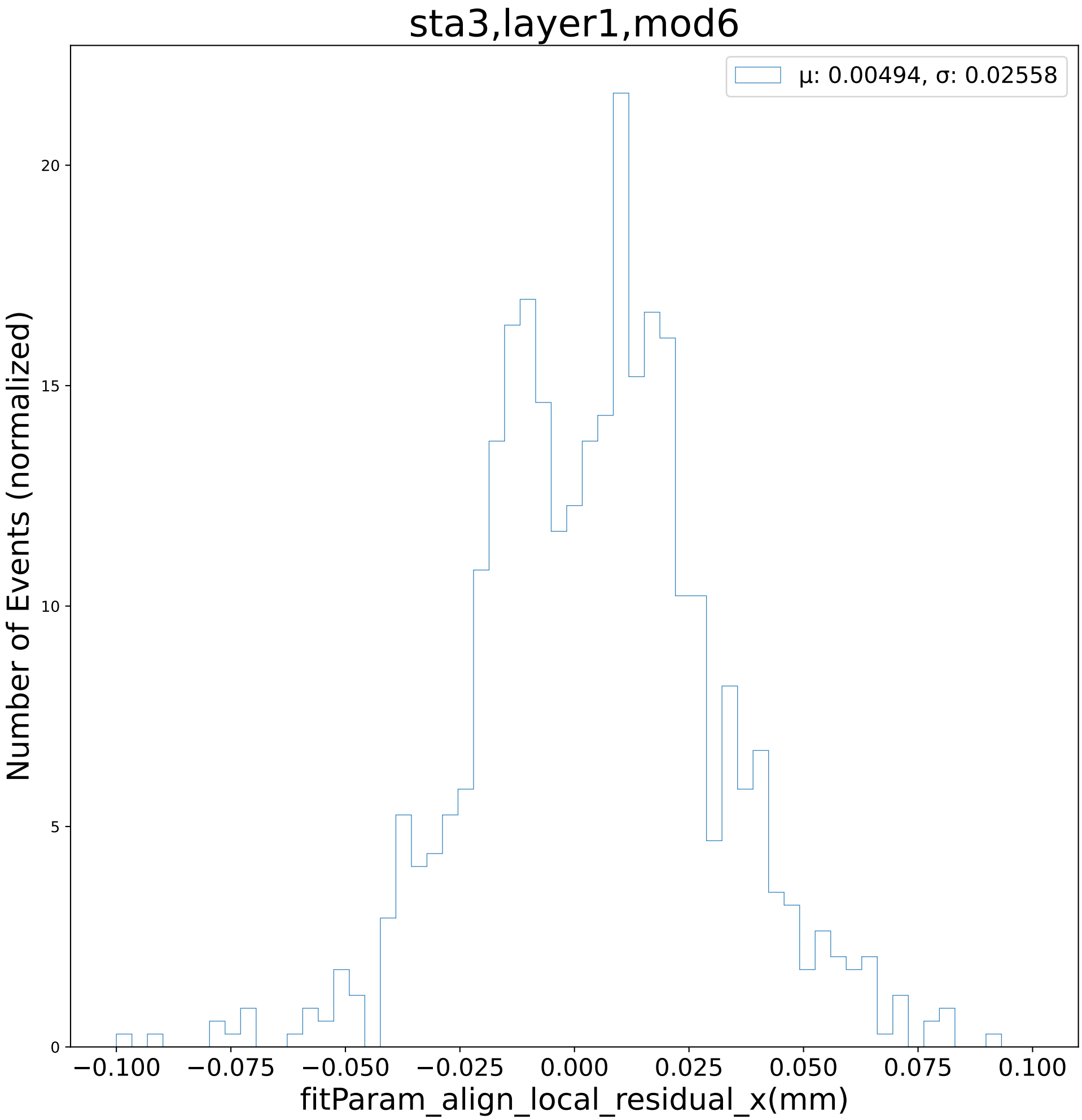

sta3,layer1,mod1
μ: 0.0051, σ: 0.02488
Number of Events (normalized)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

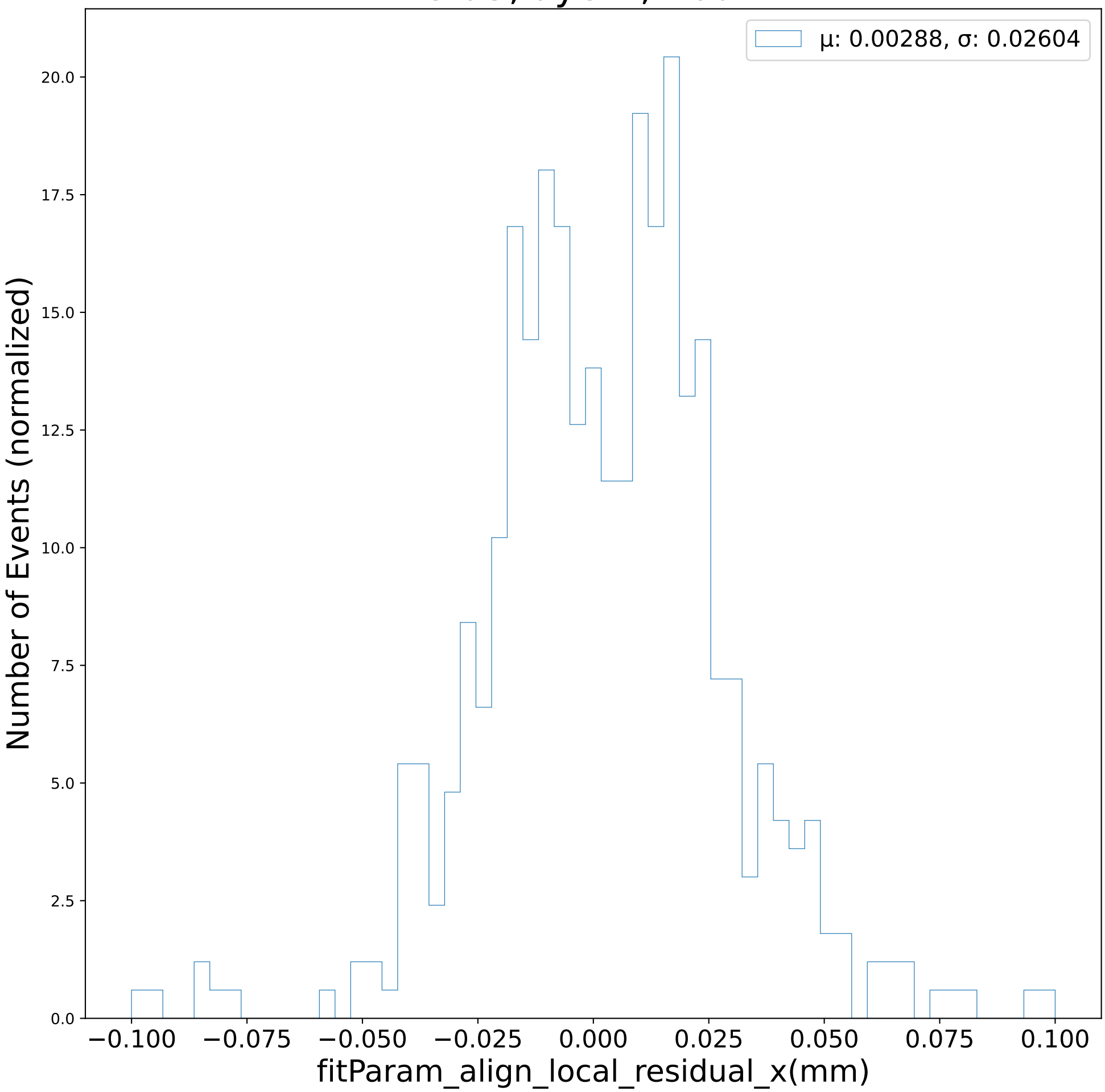

sta3,layer1,mod2
μ: 0.00474, σ: 0.02441
Number of Events (normalized)
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

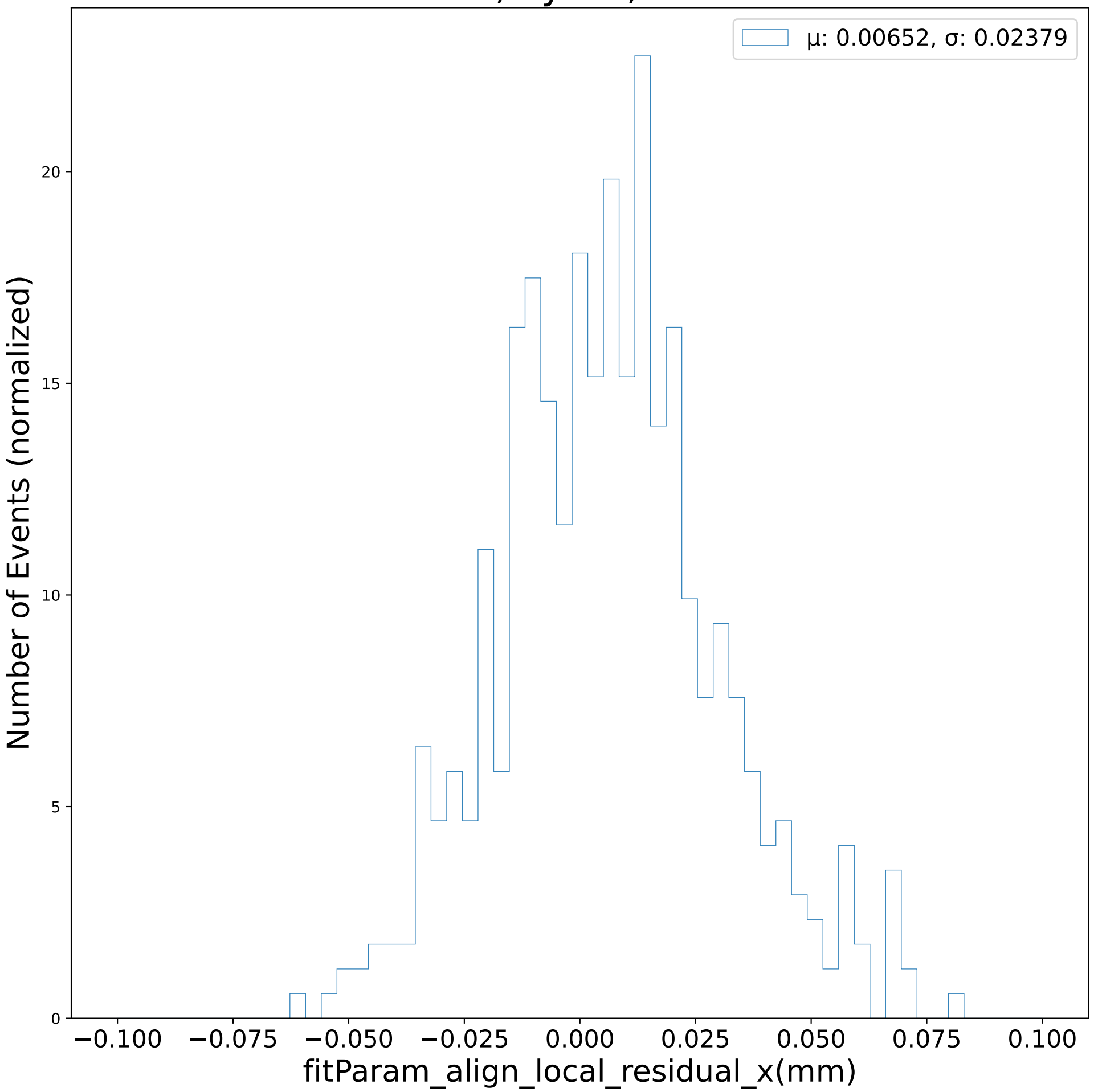

sta3,layer1,mod3
μ: 0.0034, σ: 0.02402
Number of Events (normalized)
0
5
10
15
20
25
30
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

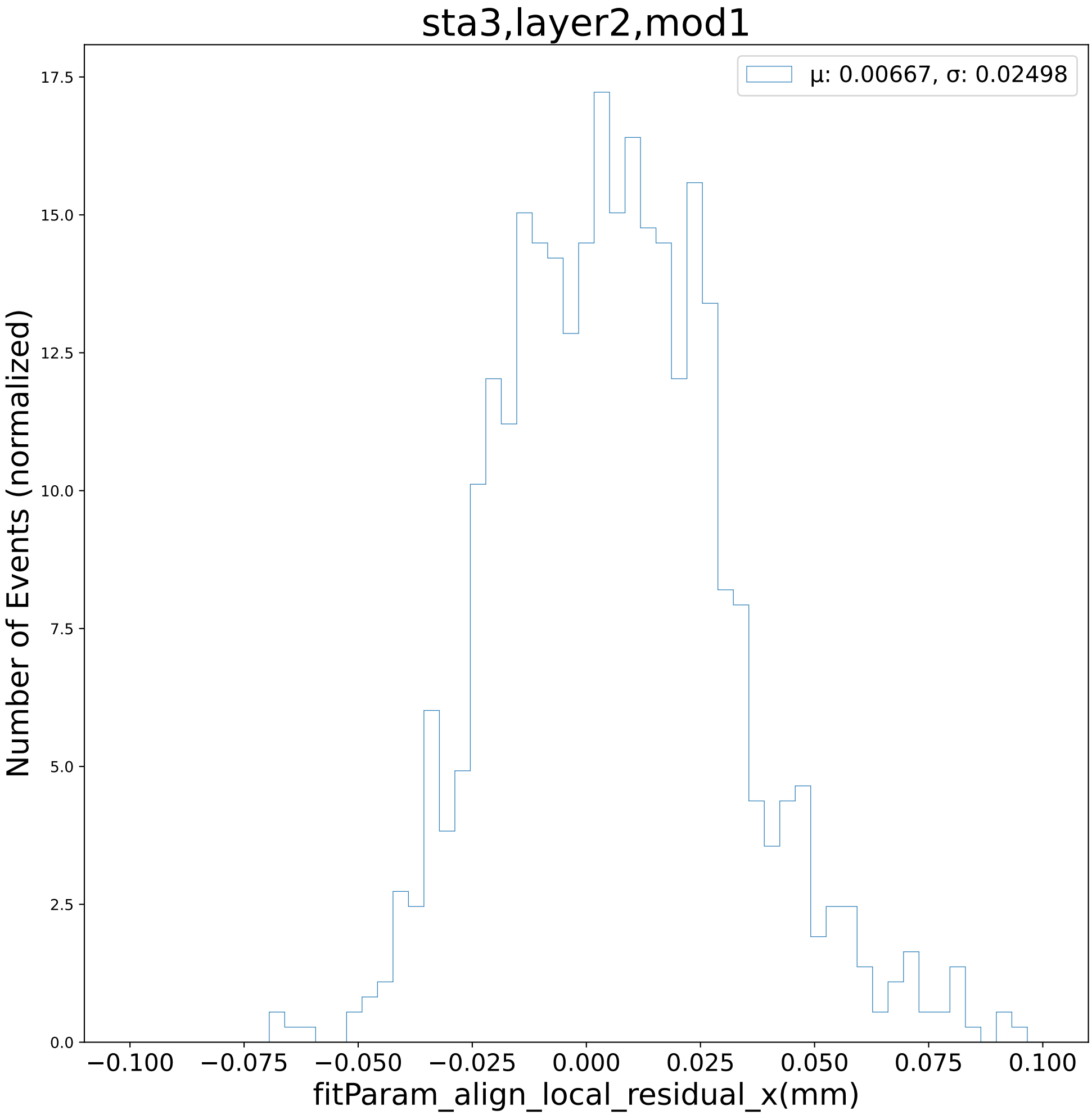

sta3,layer1,mod4
μ: 0.00396, σ: 0.02387
Number of Events (normalized)
0
5
10
15
20
25
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

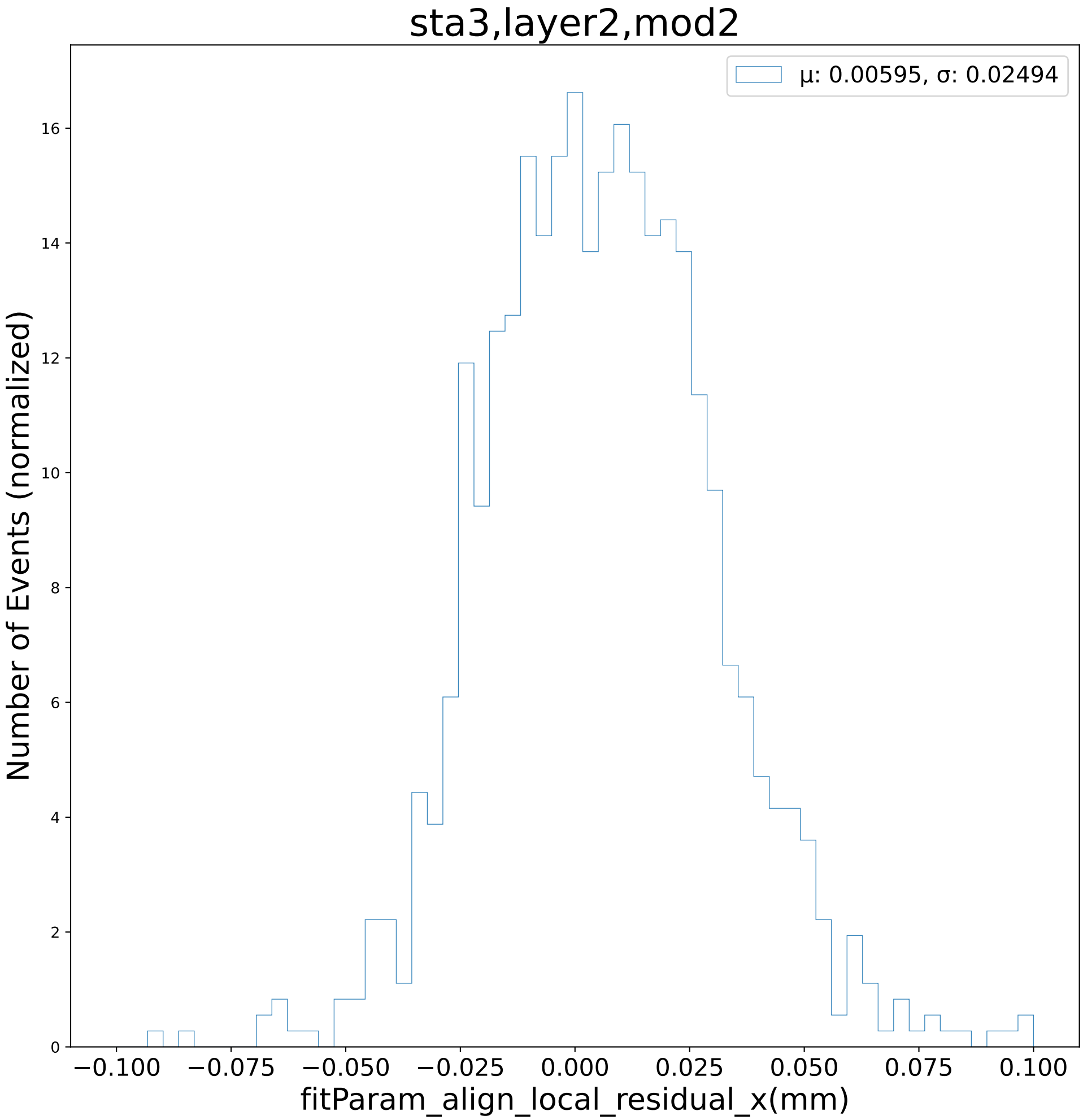

sta3,layer1,mod5
μ: 0.00481, σ: 0.02429
Number of Events (normalized)
0
5
10
15
20
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

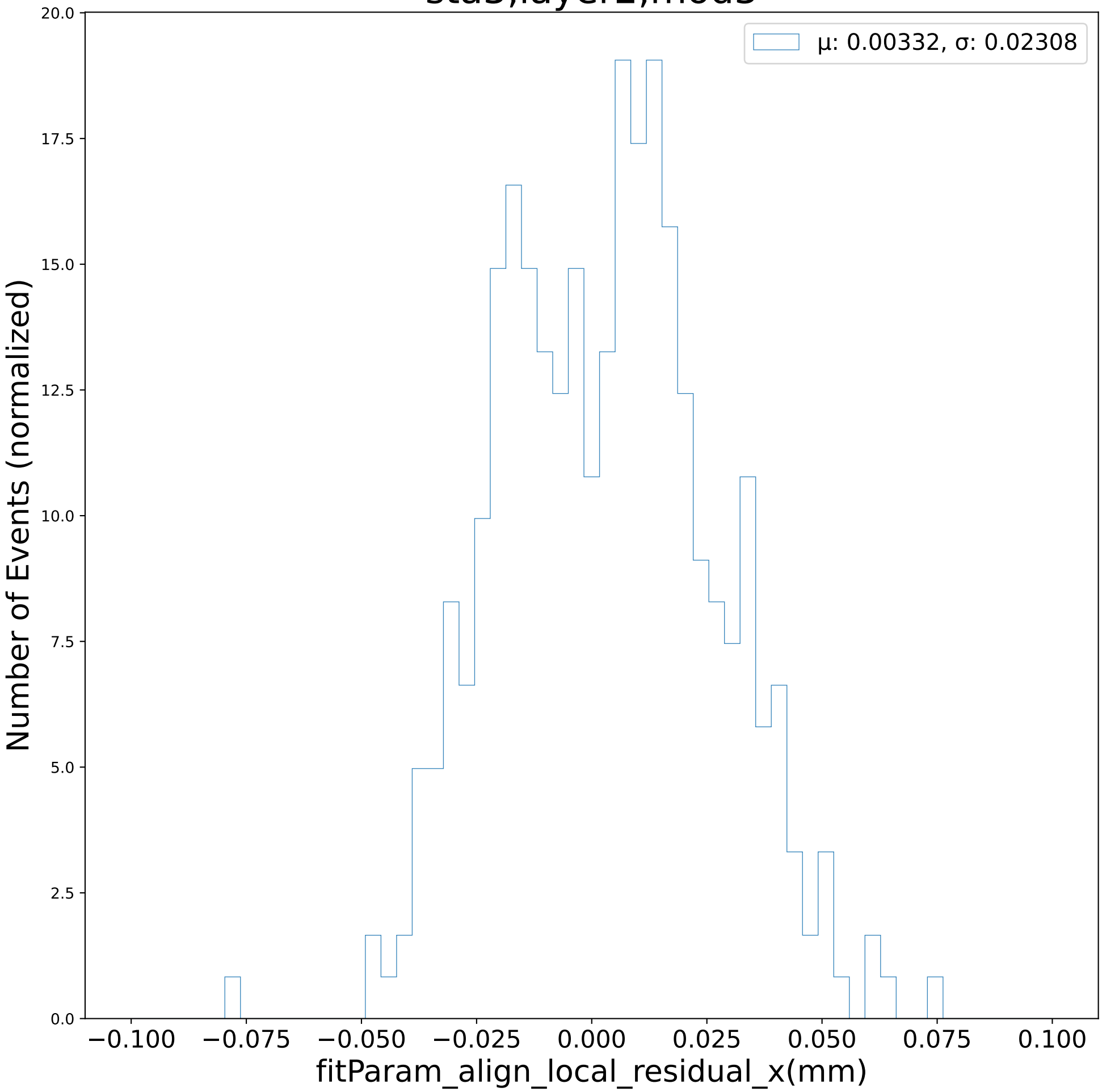

sta3,layer1,mod6
μ: 0.00494, σ: 0.02558
Number of Events (normalized)
0
5
10
15
20
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

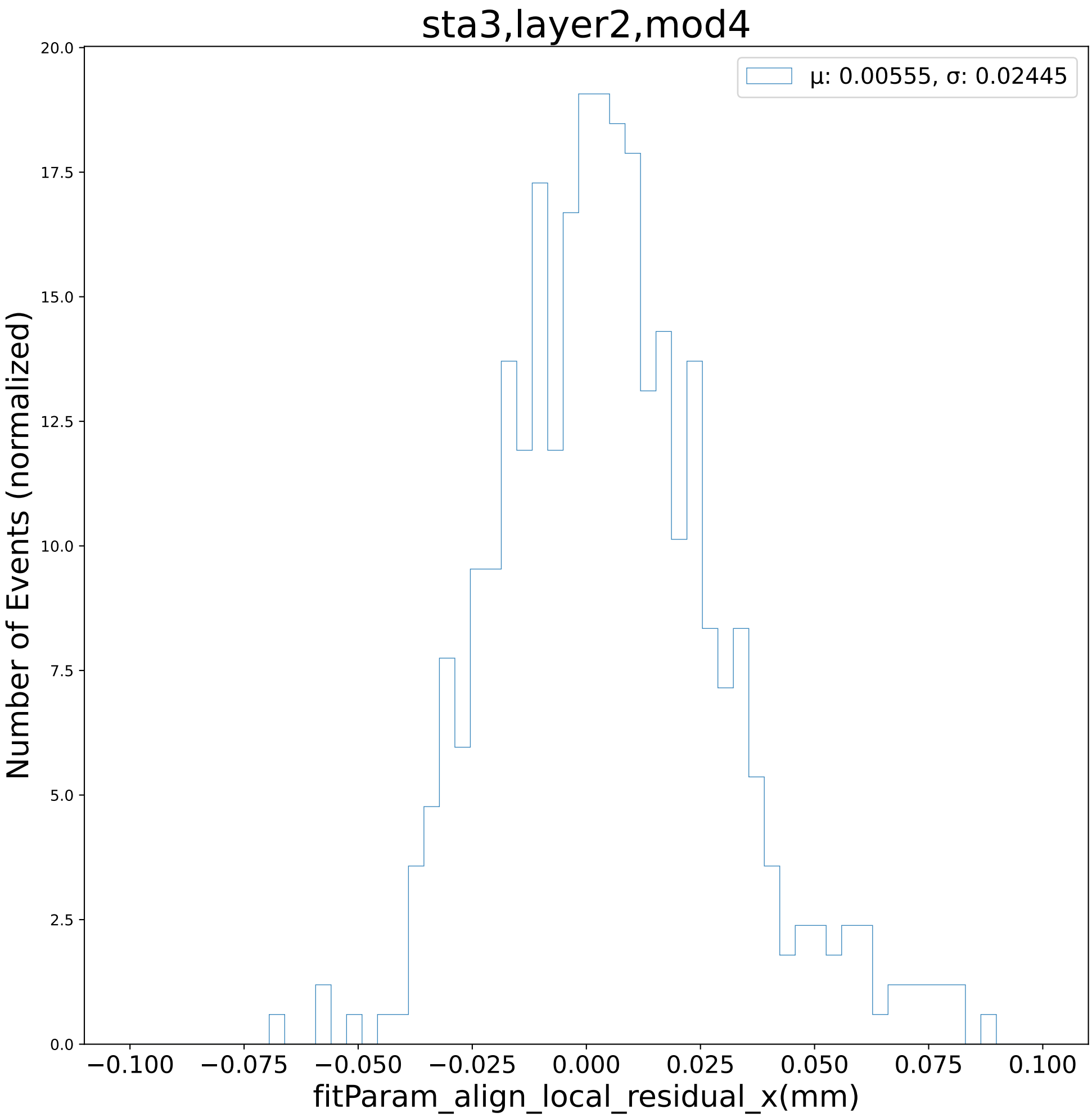

sta3,layer1,mod7
μ: 0.00288, σ: 0.02604
Number of Events (normalized)
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

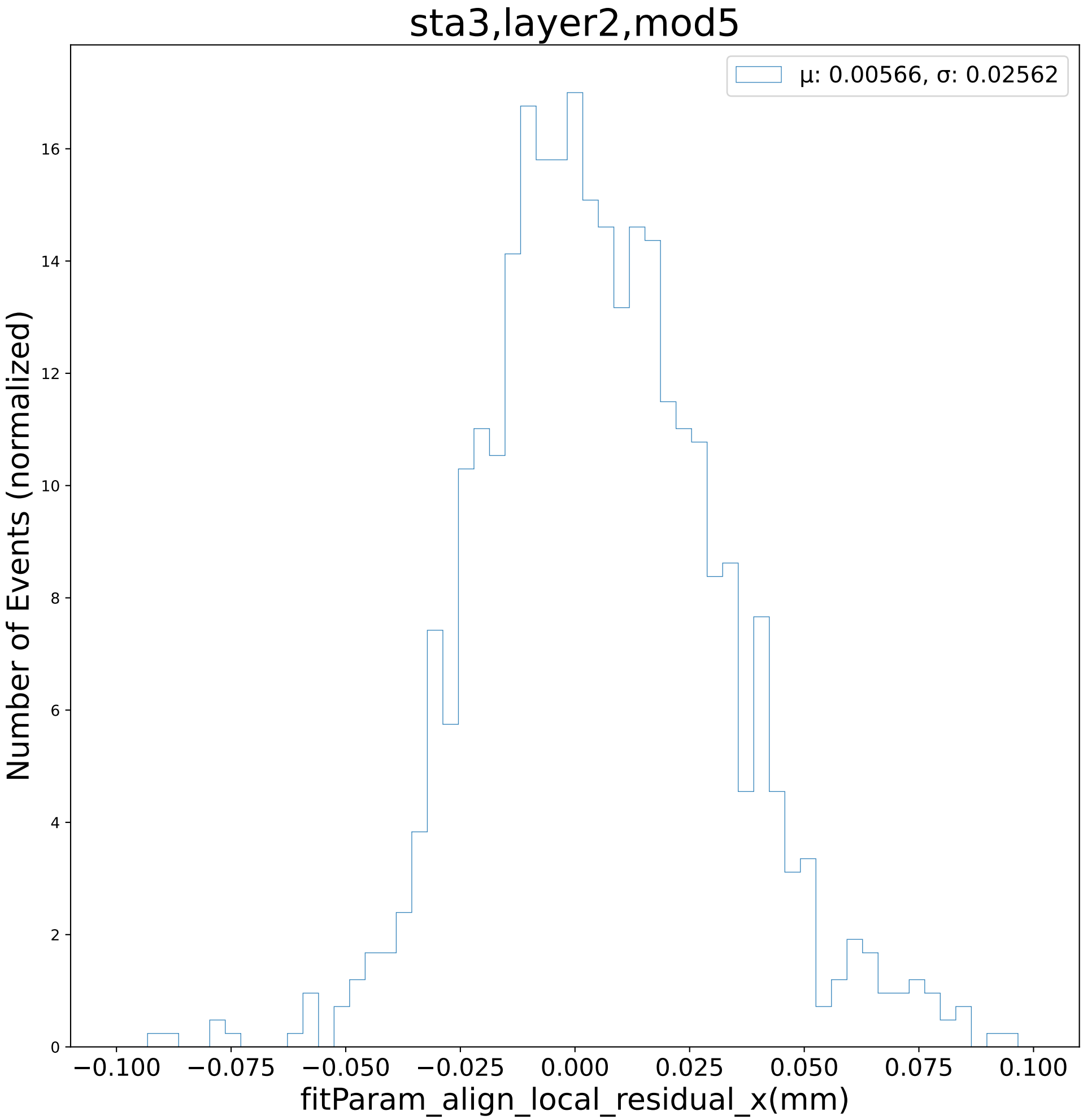

sta3,layer2,mod0
μ: 0.00652, σ: 0.02379
Number of Events (normalized)
0
5
10
15
20
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

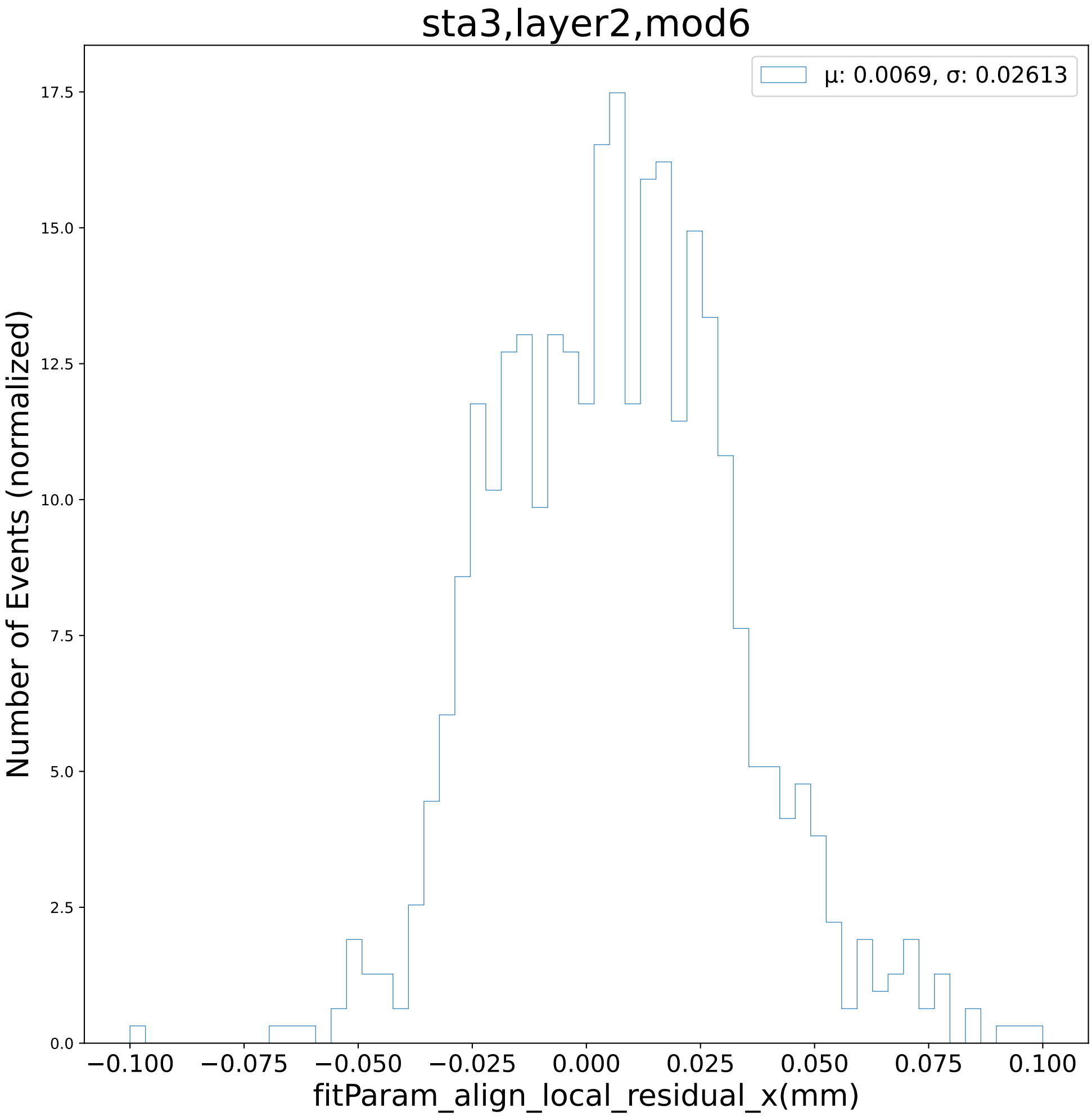

sta3,layer2,mod1
μ: 0.00667, σ: 0.02498
Number of Events (normalized)
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)

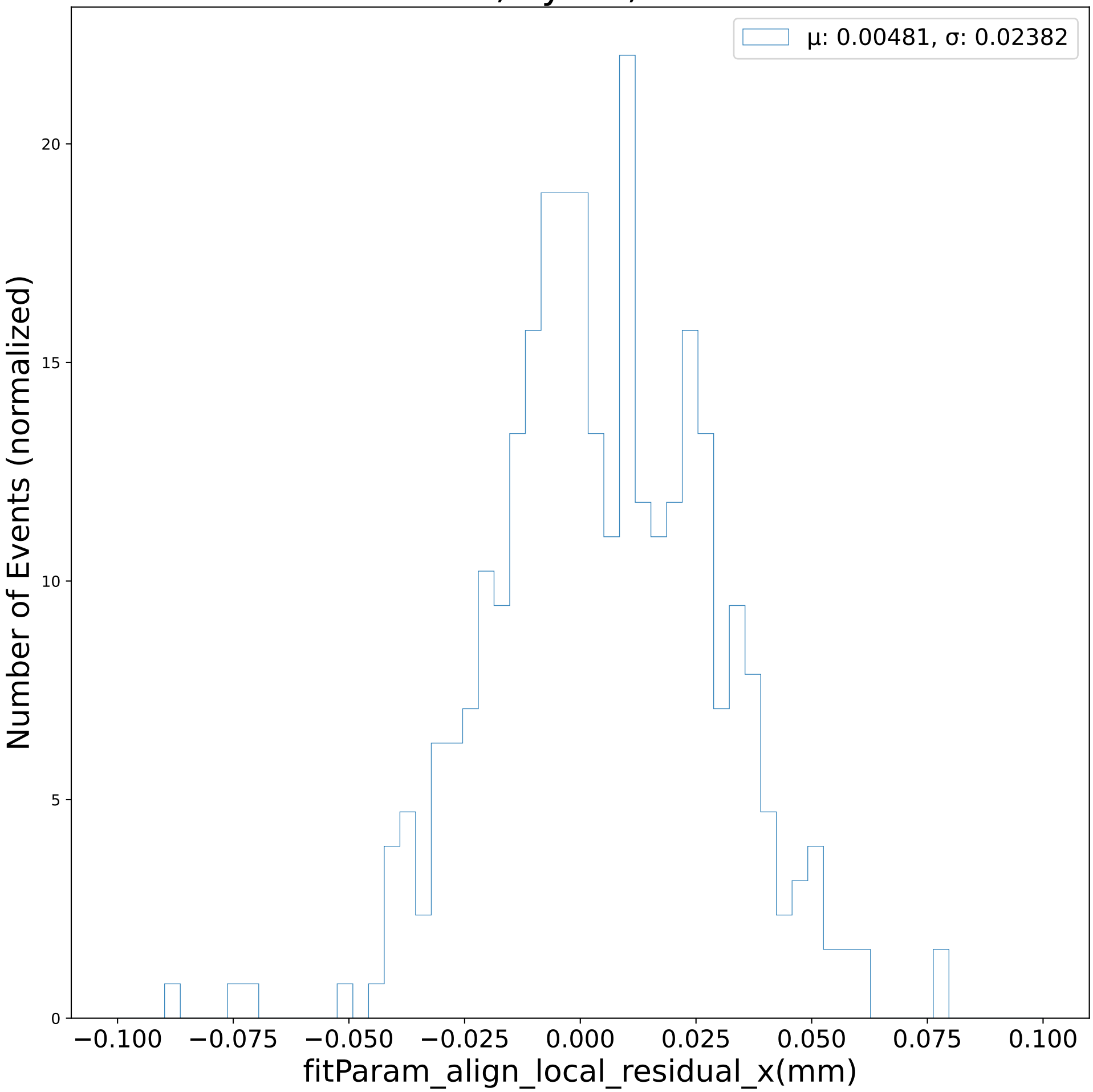

sta3,layer2,mod2
μ: 0.00595, σ: 0.02494
Number of Events (normalized)
0
2
4
6
8
10
12
14
16
−0.100
−0.075
−0.050
−0.025
0.000
0.025
0.050
0.075
0.100
fitParam_align_local_residual_x(mm)


sta3,layer2,mod3
μ: 0.00332, σ: 0.02308
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)


sta3,layer2,mod4
μ: 0.00555, σ: 0.02445
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)


sta3,layer2,mod5
μ: 0.00566, σ: 0.02562
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,layer2,mod6
μ: 0.0069, σ: 0.02613
Number of Events (normalized)
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)


sta3,layer2,mod7
μ: 0.00481, σ: 0.02382
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
fitParam_align_local_residual_x(mm)