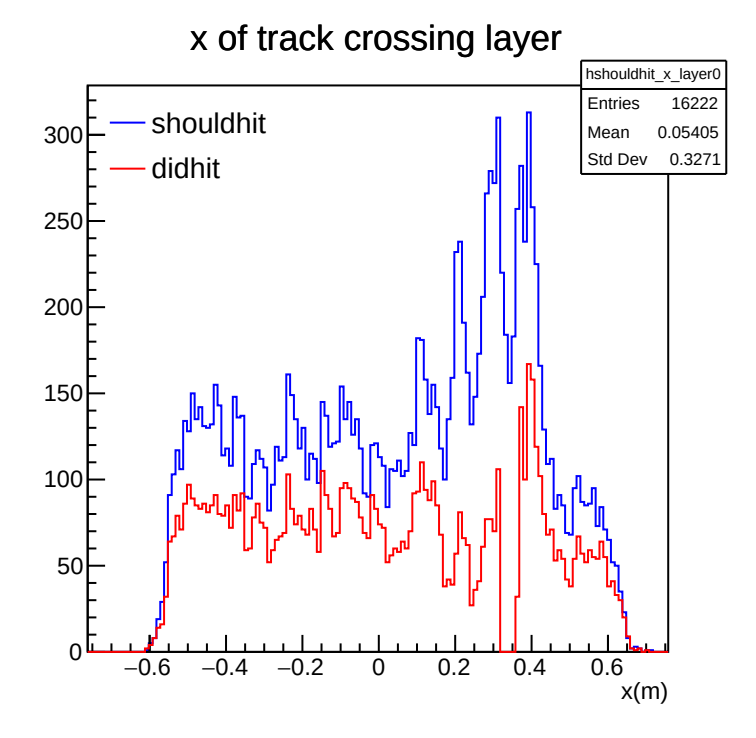
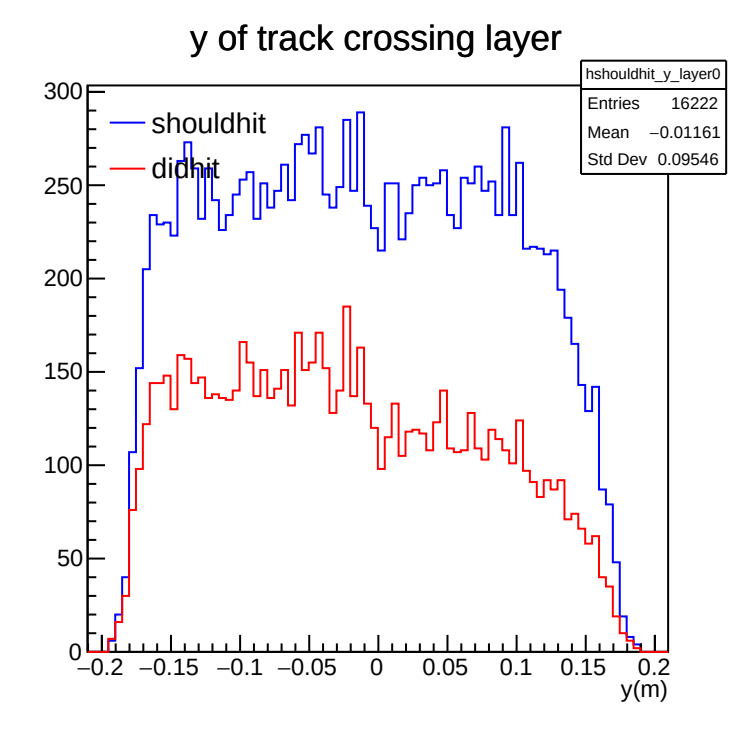
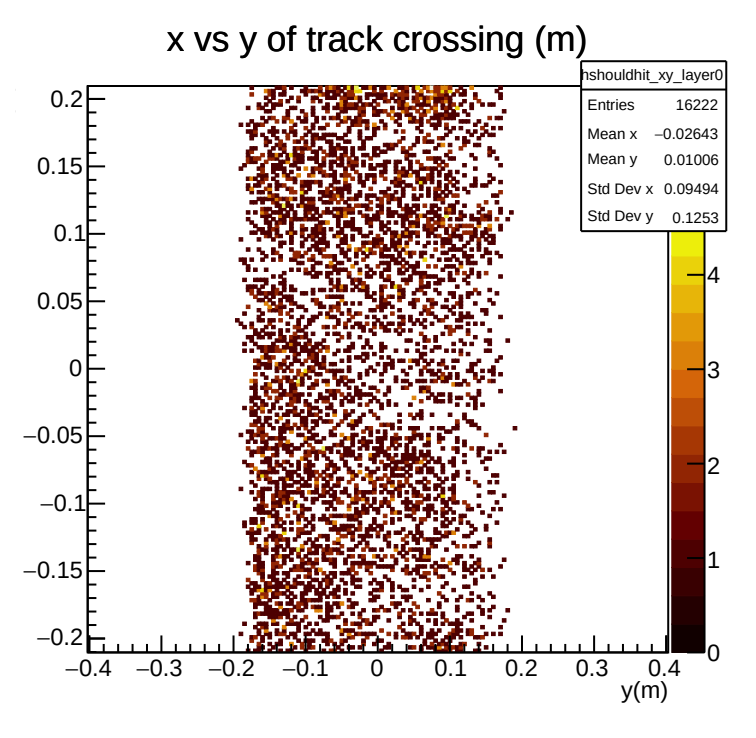
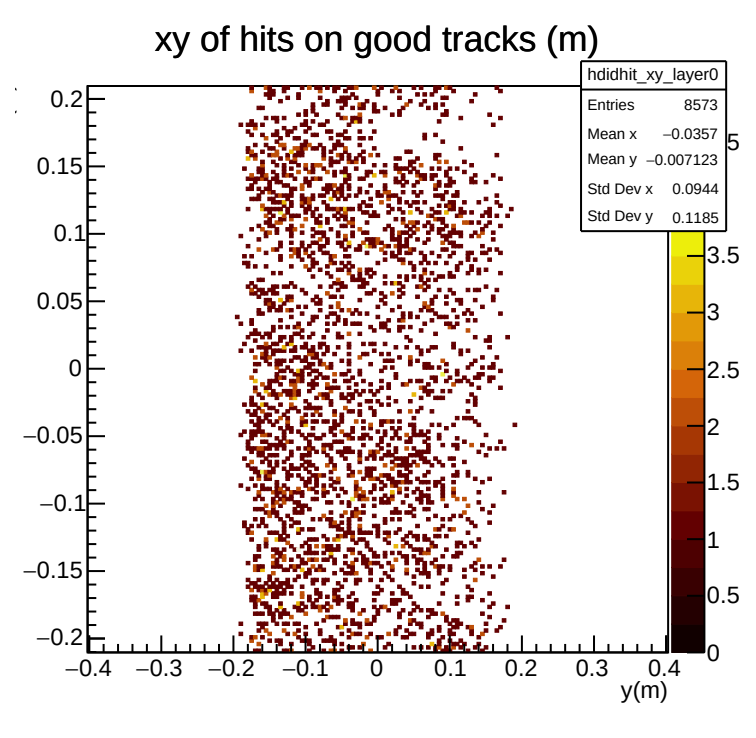
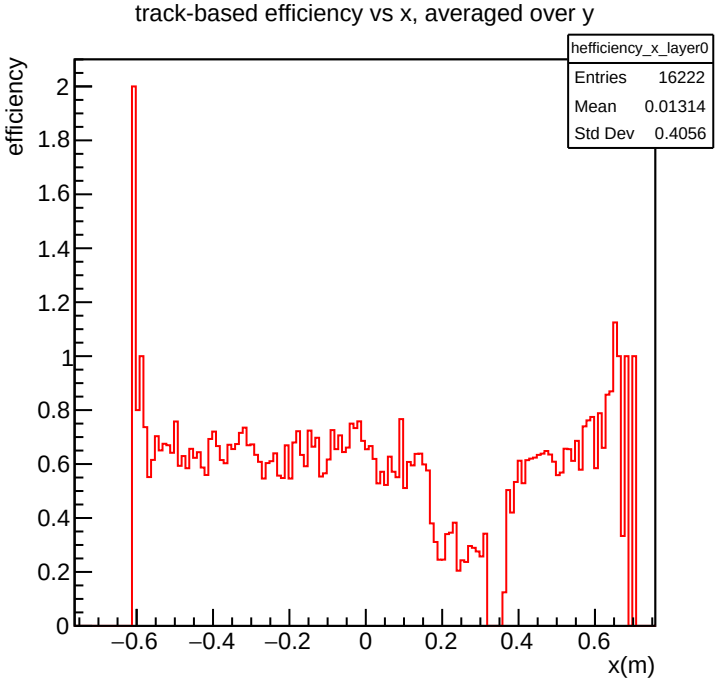
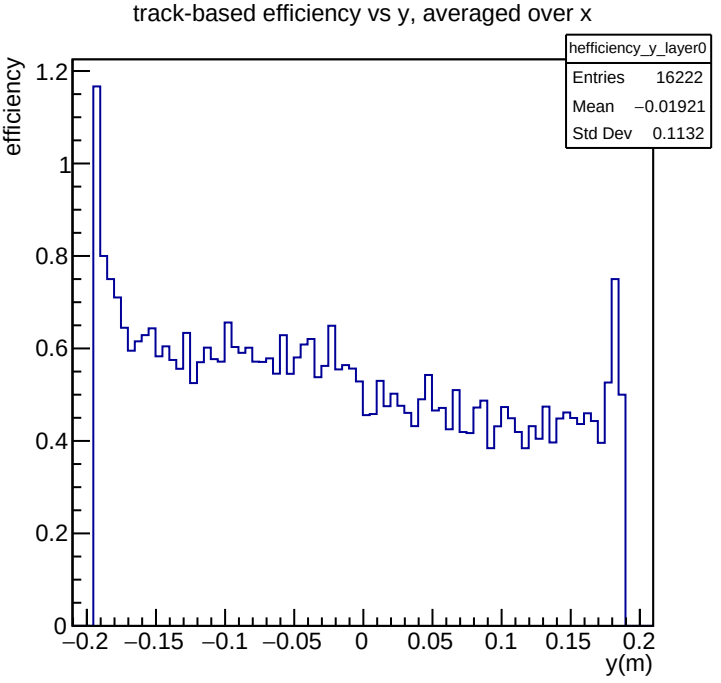

x of track crossing layer
hshouldhit_x_layer0
Entries 16222
Mean 0.05405
Std Dev 0.3271
shouldhit
didhit
x(m)

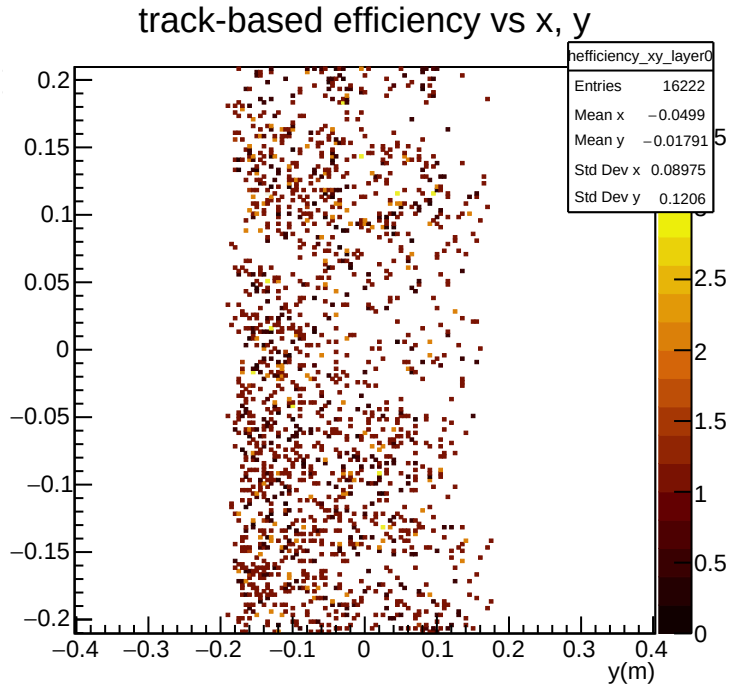

y of track crossing layer
hshouldhit_y_layer0
Entries 16222
Mean −0.01161
Std Dev 0.09546
shouldhit
didhit
y(m)


x vs y of track crossing (m)
hshouldhit_xy_layer0
Entries 16222
Mean x −0.02643
Mean y 0.01006
Std Dev x 0.09494
Std Dev y 0.1253
y(m)


xy of hits on good tracks (m)
hdidhit_xy_layer0
Entries 8573
Mean x −0.0357
Mean y −0.007123
Std Dev x 0.0944
Std Dev y 0.1185
y(m)

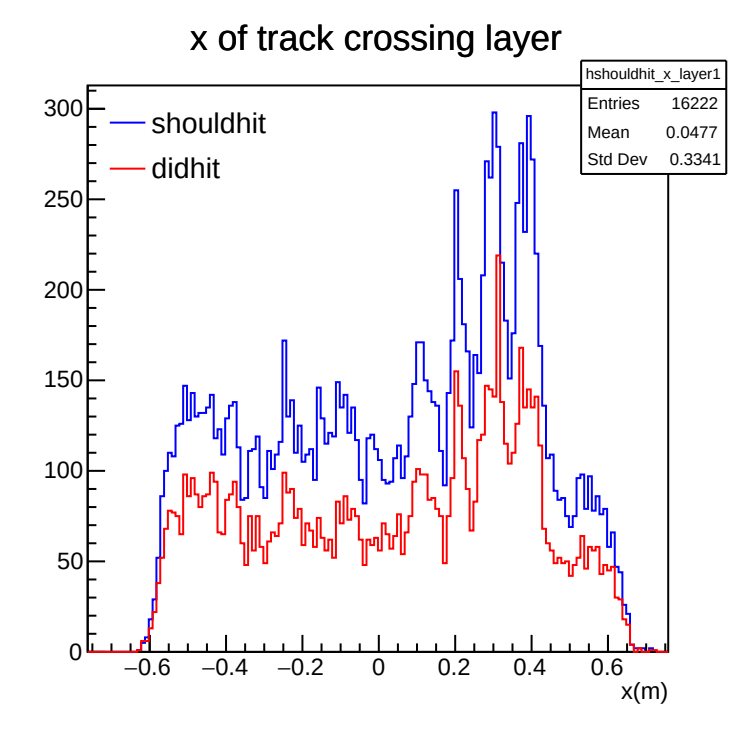


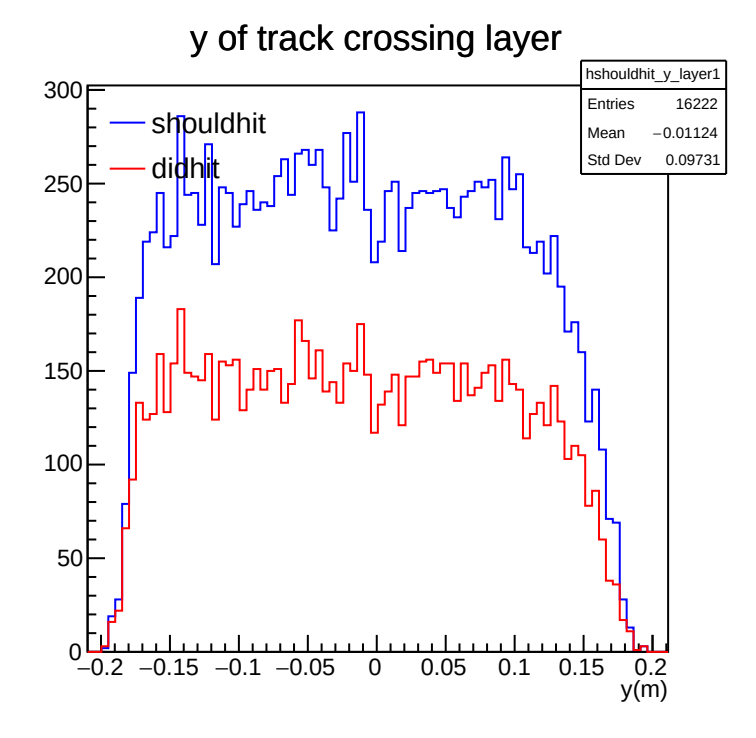


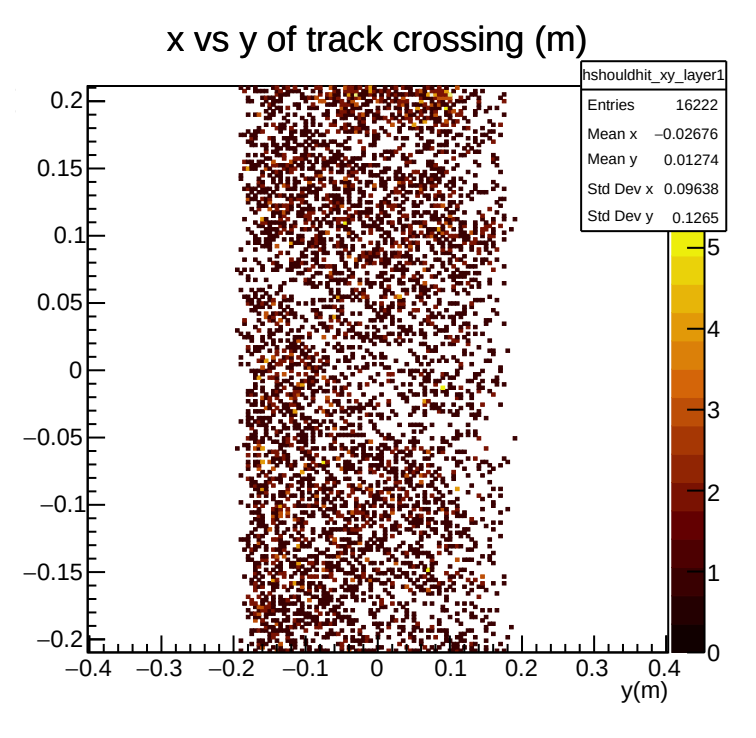


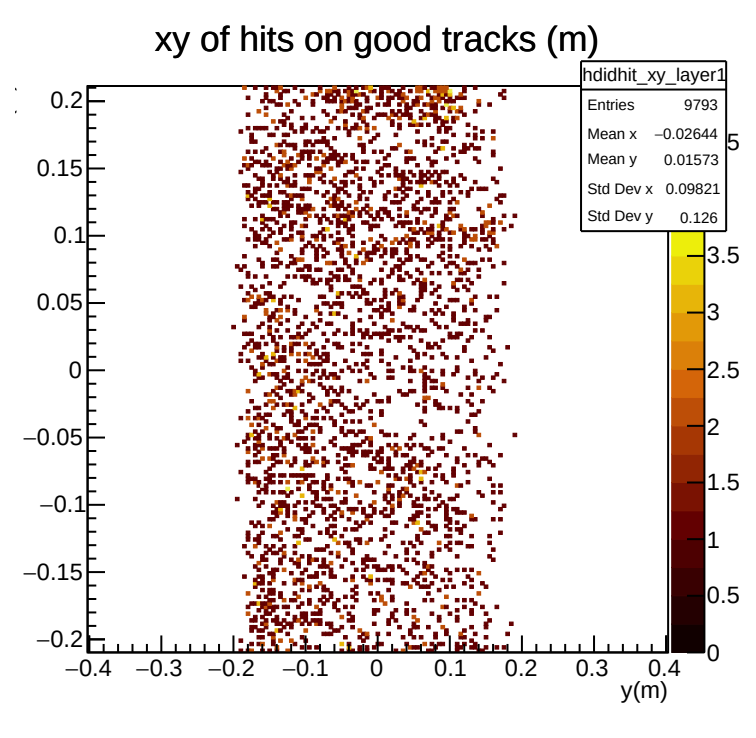
Layer: 0

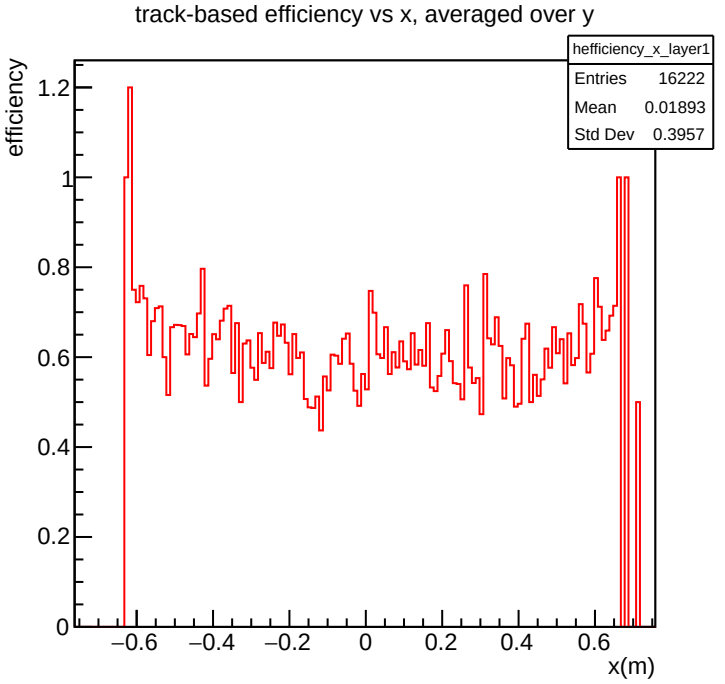
Elastic Efficiency = 52.8 %

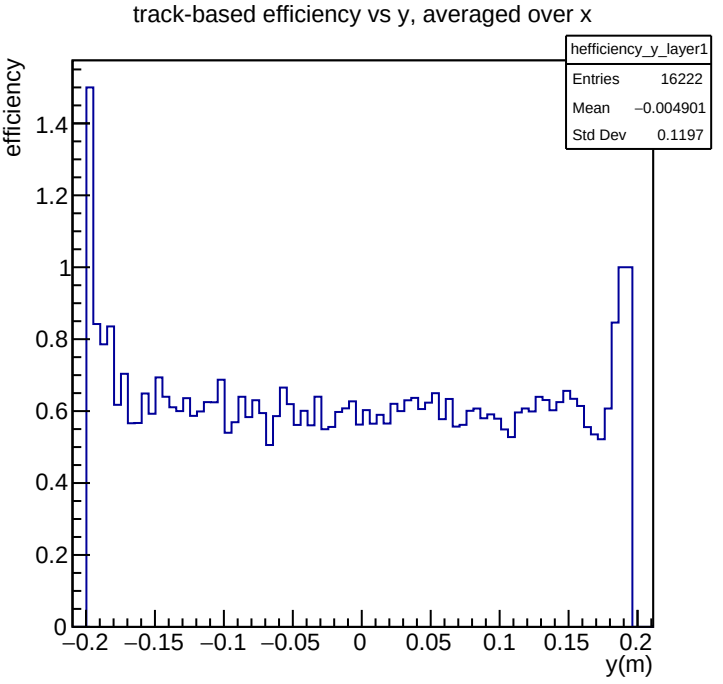

x of track crossing layer
hshouldhit_x_layer1
Entries 16222
Mean 0.0477
Std Dev 0.3341
shouldhit
didhit
x(m)

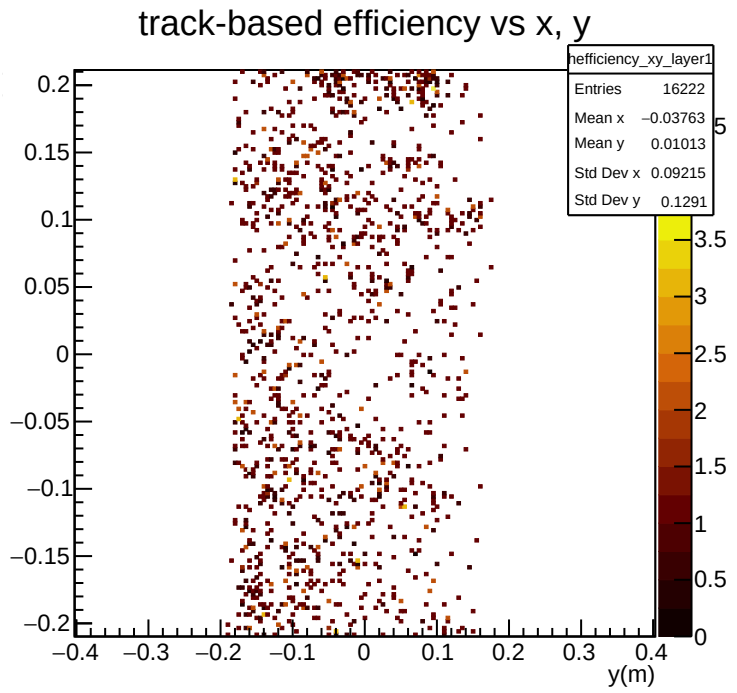

y of track crossing layer
hshouldhit_y_layer1
Entries 16222
Mean −0.01124
Std Dev 0.09731
shouldhit
didhit
y(m)


x vs y of track crossing (m)
hshouldhit_xy_layer1
Entries 16222
Mean x −0.02676
Mean y 0.01274
Std Dev x 0.09638
Std Dev y 0.1265
y(m)


xy of hits on good tracks (m)
hdidhit_xy_layer1
Entries 9793
Mean x −0.02644
Mean y 0.01573
Std Dev x 0.09821
Std Dev y 0.126
y(m)

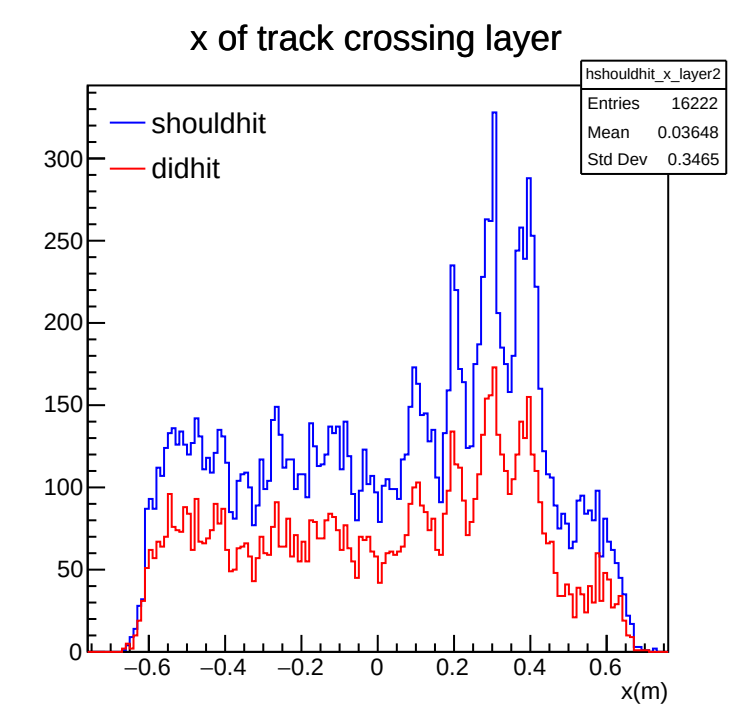


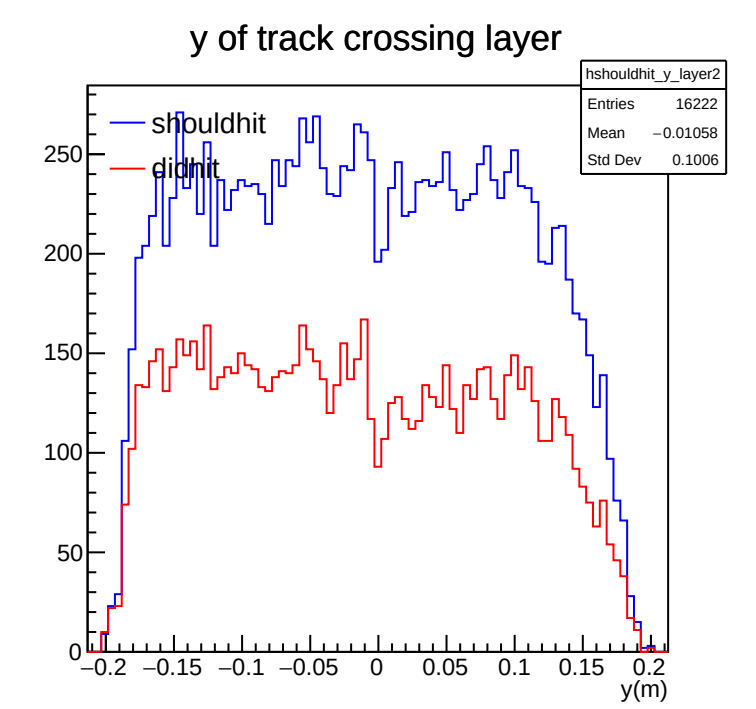


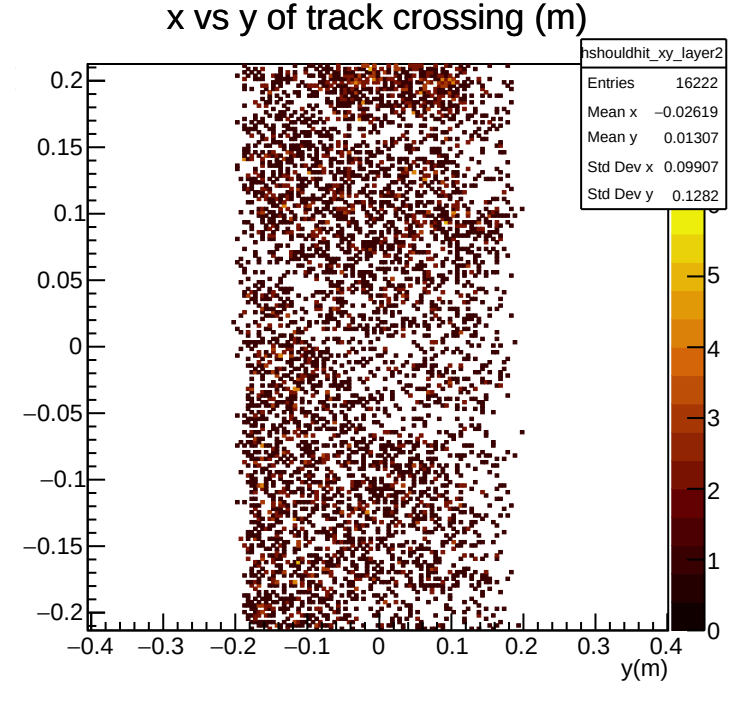


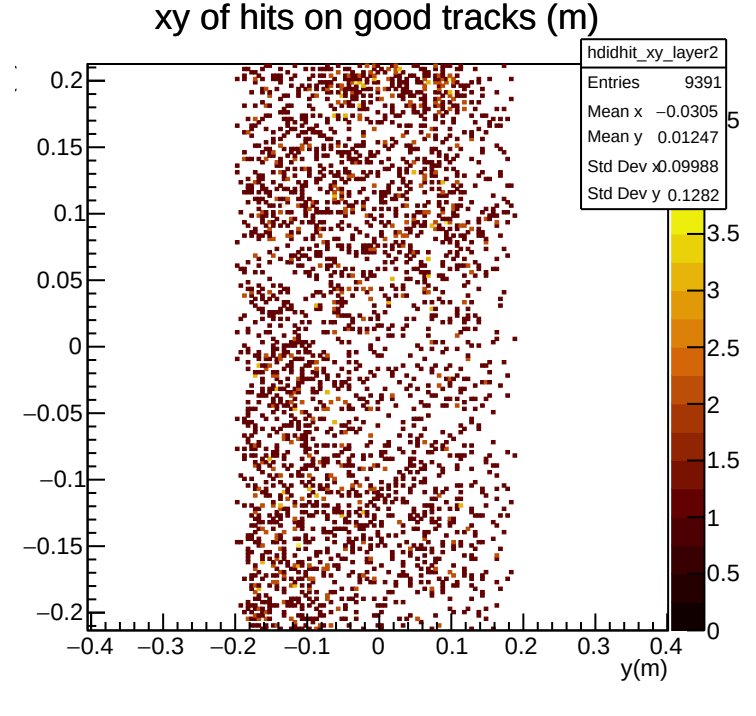
Layer: 1

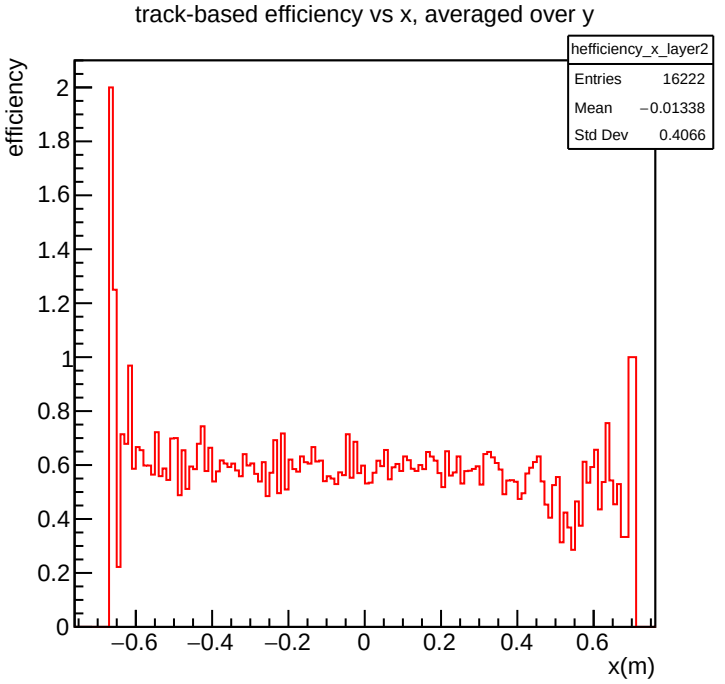
Elastic Efficiency = 60.4 %

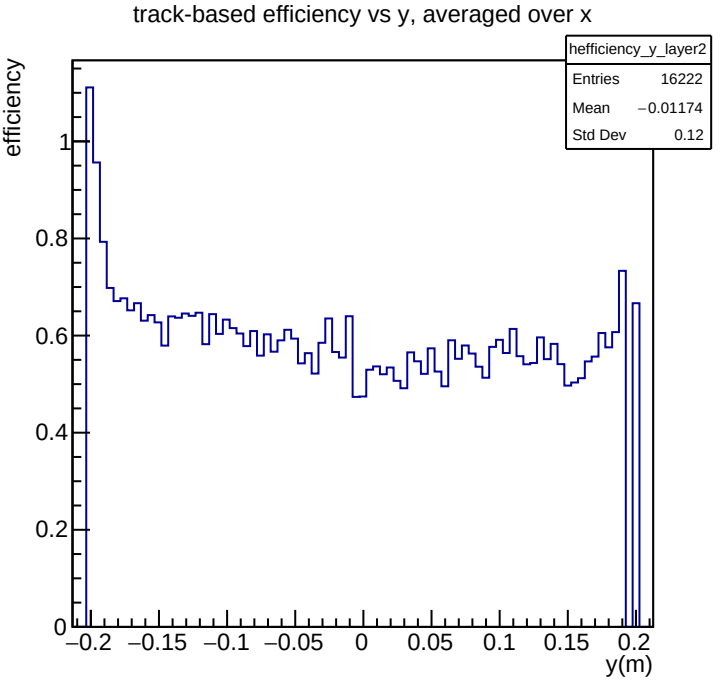

x of track crossing layer
hshouldhit_x_layer2
Entries 16222
Mean 0.03648
Std Dev 0.3465
shouldhit
didhit
x(m)

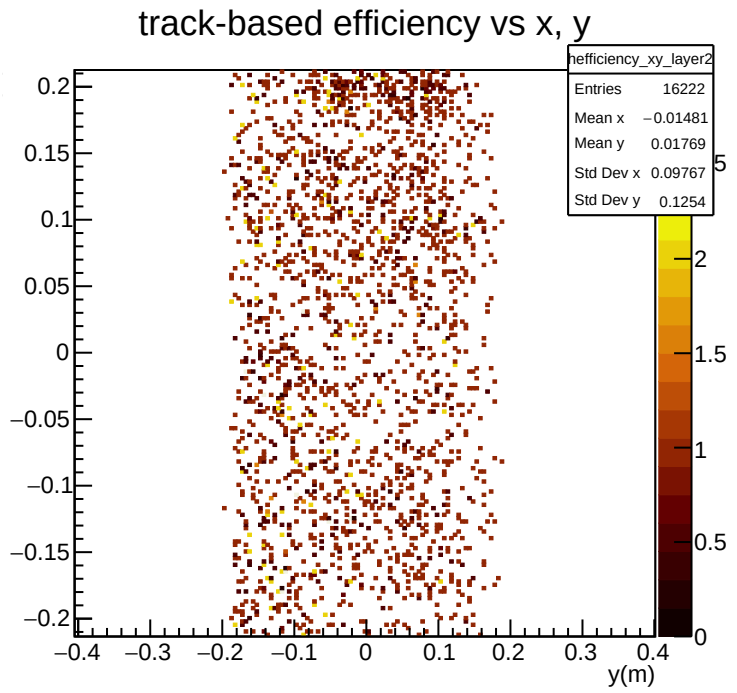

y of track crossing layer
hshouldhit_y_layer2
Entries 16222
Mean −0.01058
Std Dev 0.1006
shouldhit
didhit
y(m)


x vs y of track crossing (m)
hshouldhit_xy_layer2
Entries 16222
Mean x −0.02619
Mean y 0.01307
Std Dev x 0.09907
Std Dev y 0.1282
y(m)


xy of hits on good tracks (m)
hdidhit_xy_layer2
Entries 9391
Mean x −0.0305
Mean y 0.01247
Std Dev x 0.09988
Std Dev y 0.1282
y(m)

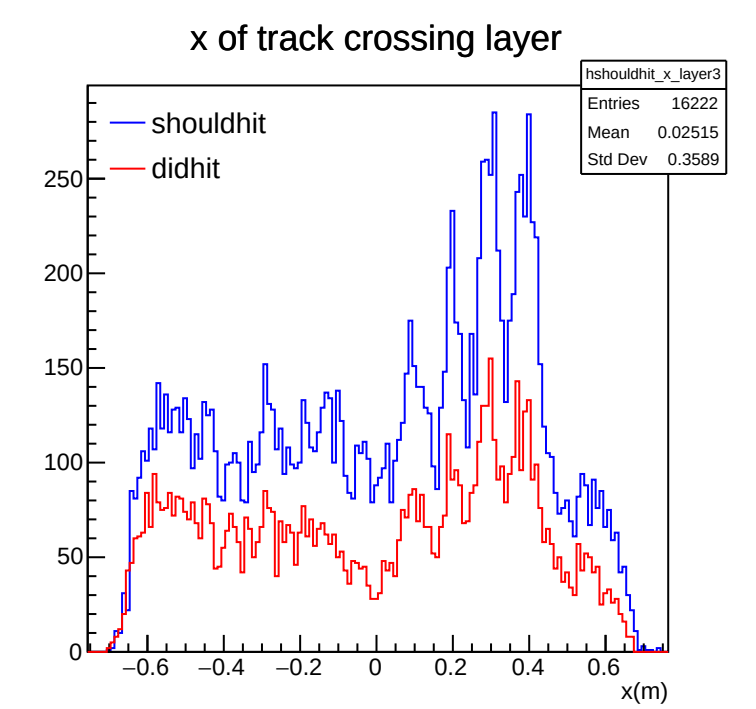


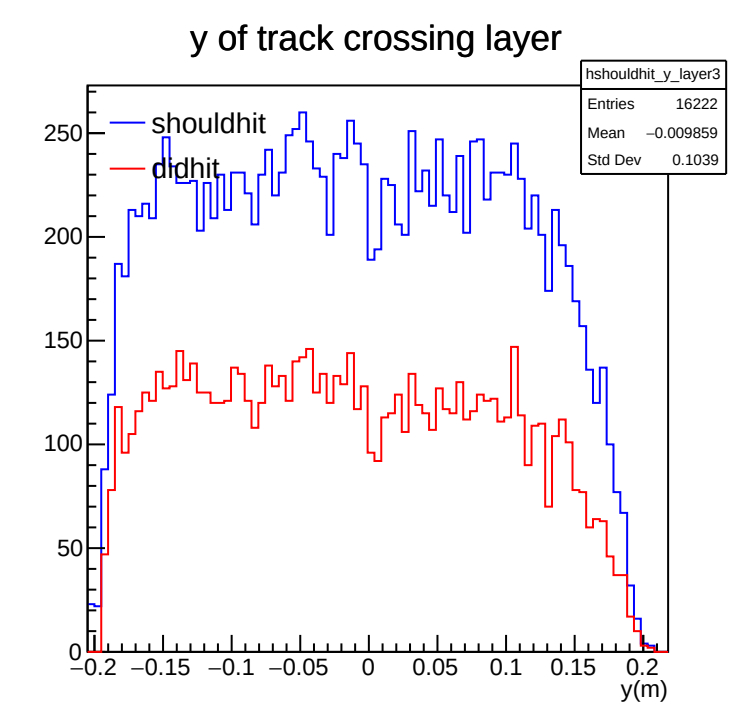


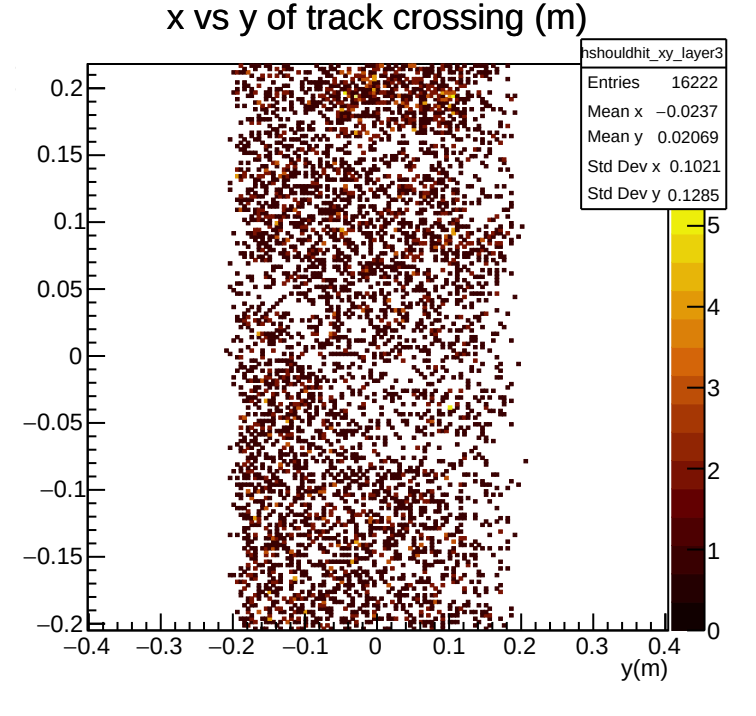


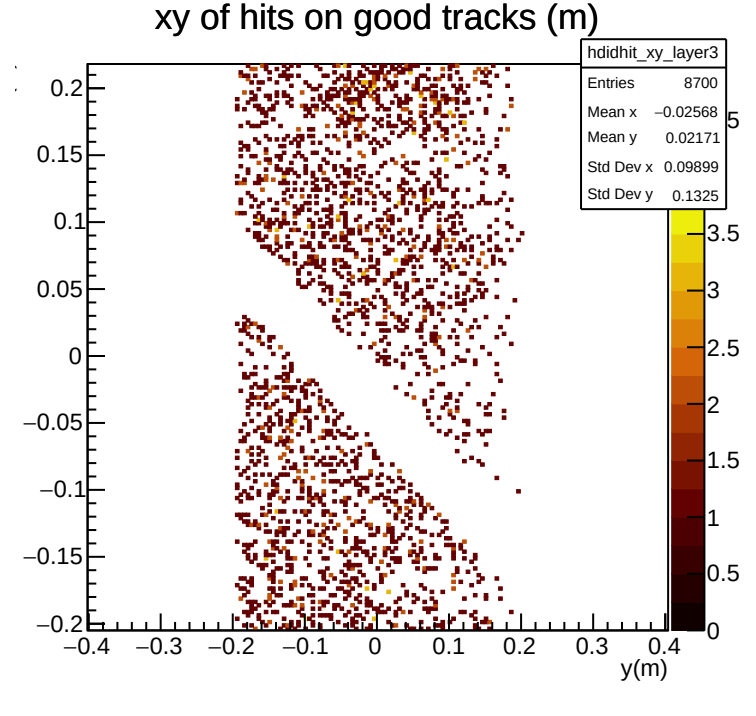
Layer: 2

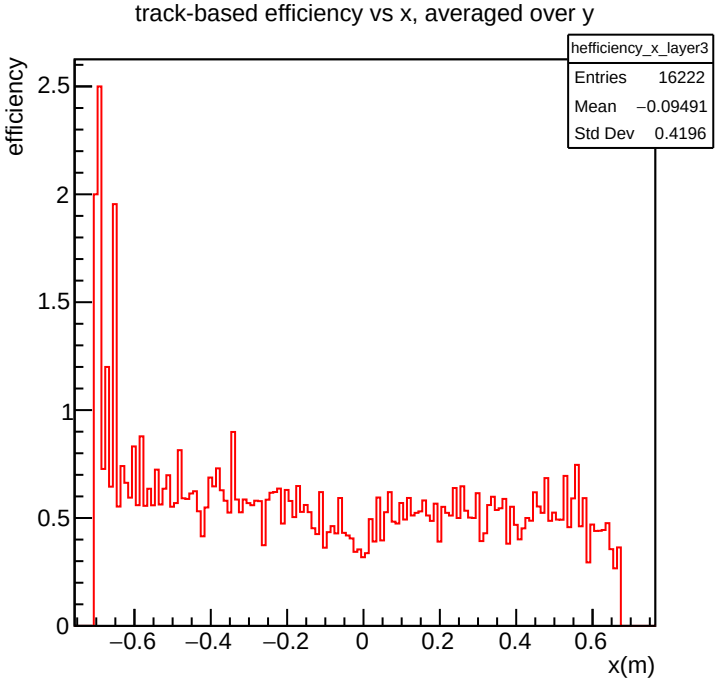
Elastic Efficiency = 57.9 %

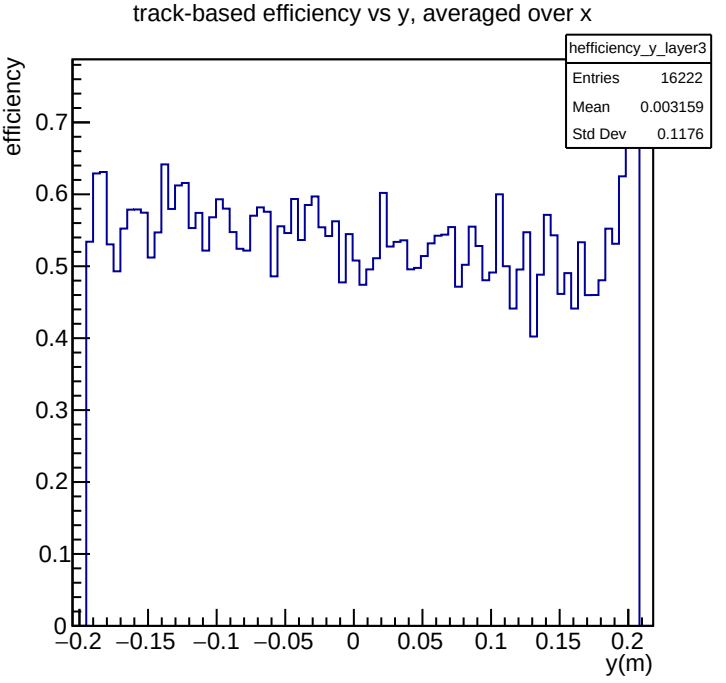

x of track crossing layer
hshouldhit_x_layer3
Entries 16222
Mean 0.02515
Std Dev 0.3589
shouldhit
didhit
x(m)

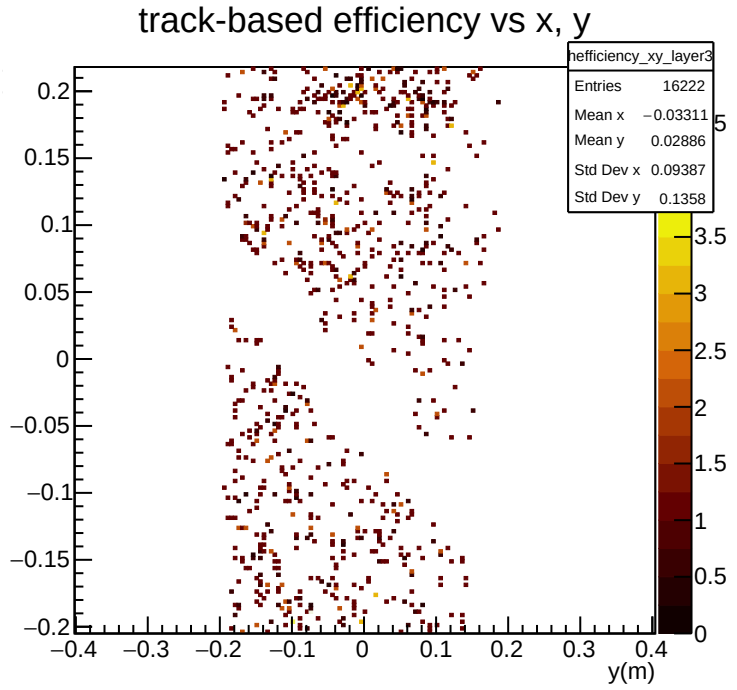

y of track crossing layer
hshouldhit_y_layer3
Entries 16222
Mean −0.009859
Std Dev 0.1039
shouldhit
didhit
y(m)


x vs y of track crossing (m)
hshouldhit_xy_layer3
Entries 16222
Mean x −0.0237
Mean y 0.02069
Std Dev x 0.1021
Std Dev y 0.1285
y(m)


xy of hits on good tracks (m)
hdidhit_xy_layer3
Entries 8700
Mean x −0.02568
Mean y 0.02171
Std Dev x 0.09899
Std Dev y 0.1325
y(m)

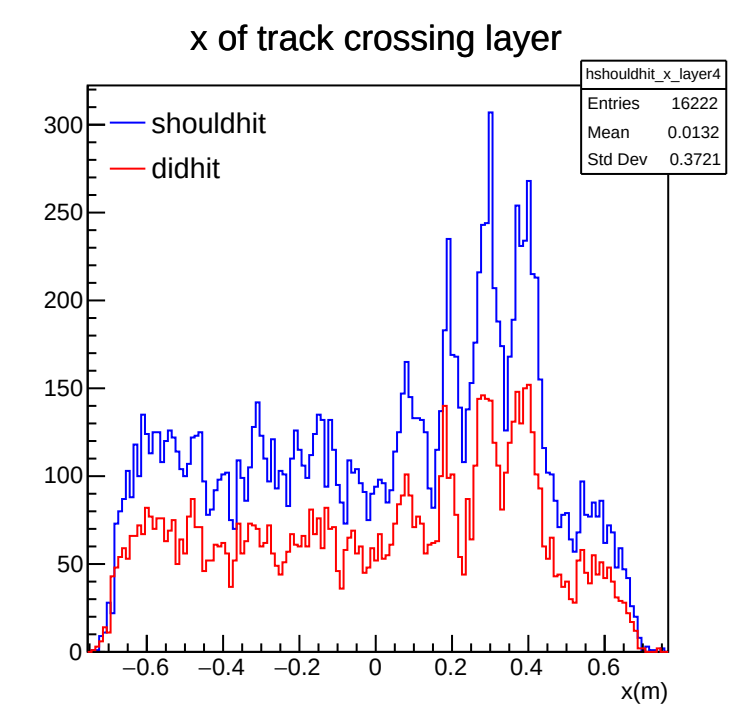


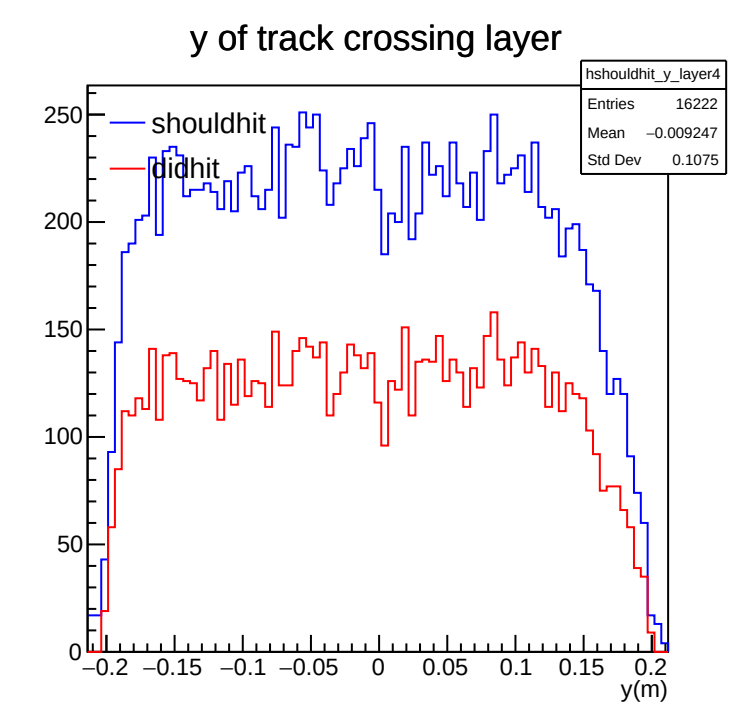


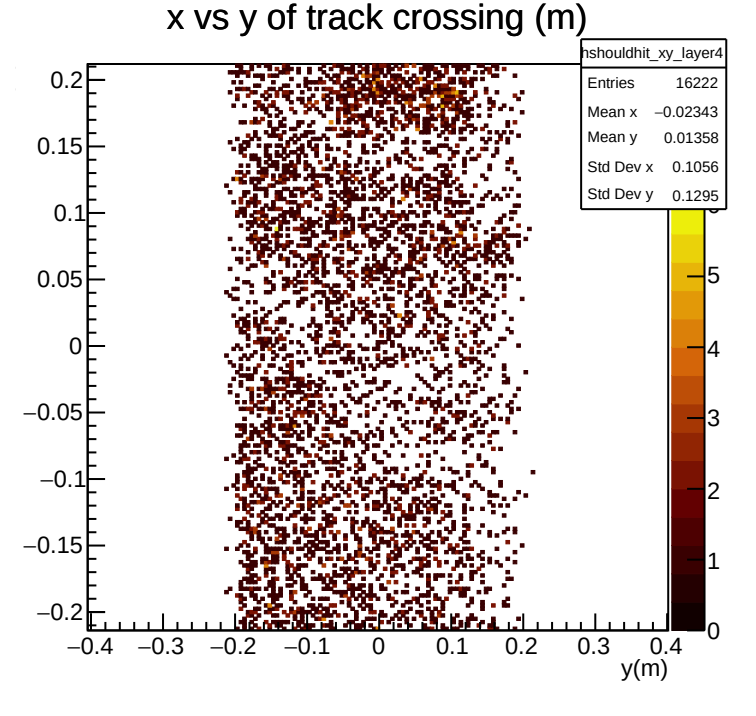


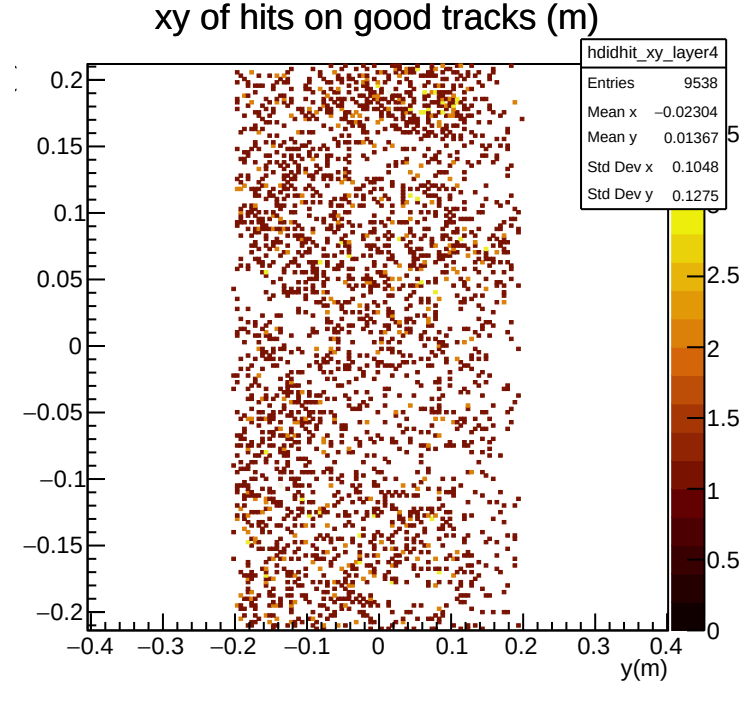
Layer: 3

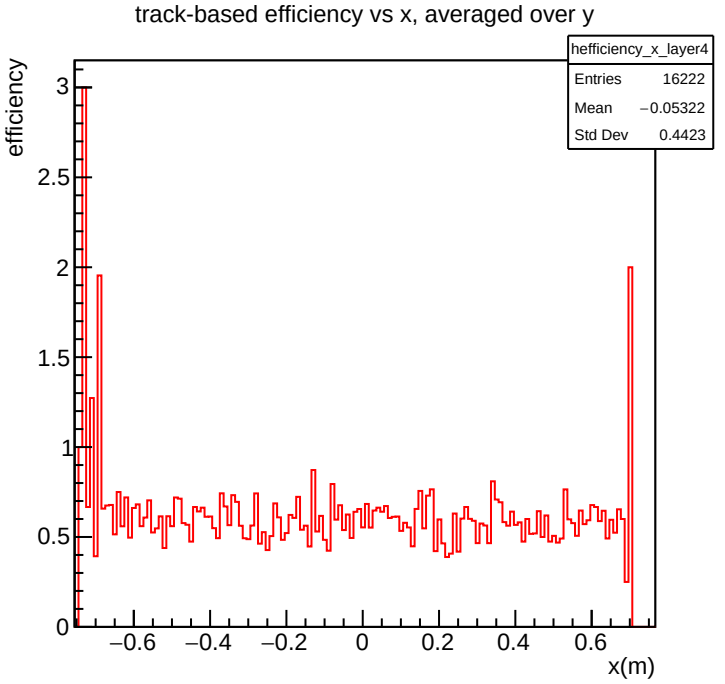
Elastic Efficiency = 53.6 %

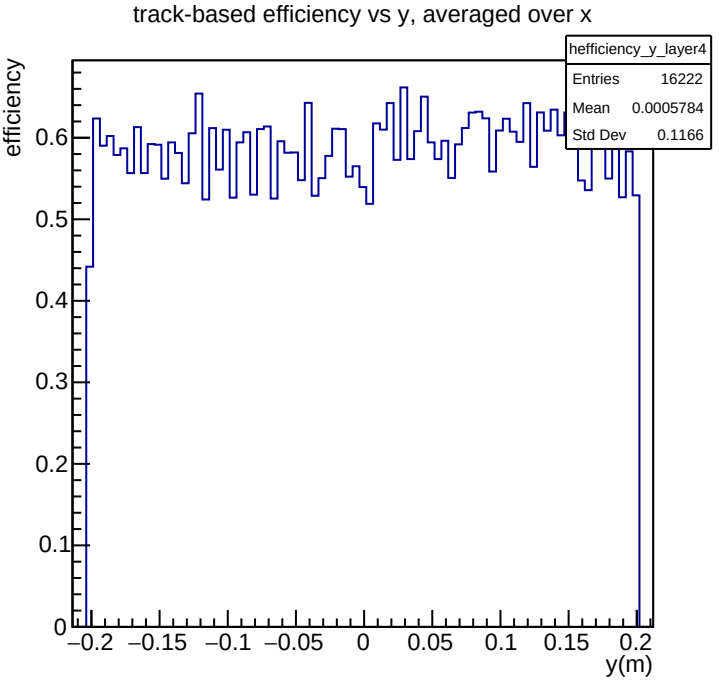

x of track crossing layer
hshouldhit_x_layer4
Entries 16222
Mean 0.0132
Std Dev 0.3721
shouldhit
didhit
x(m)

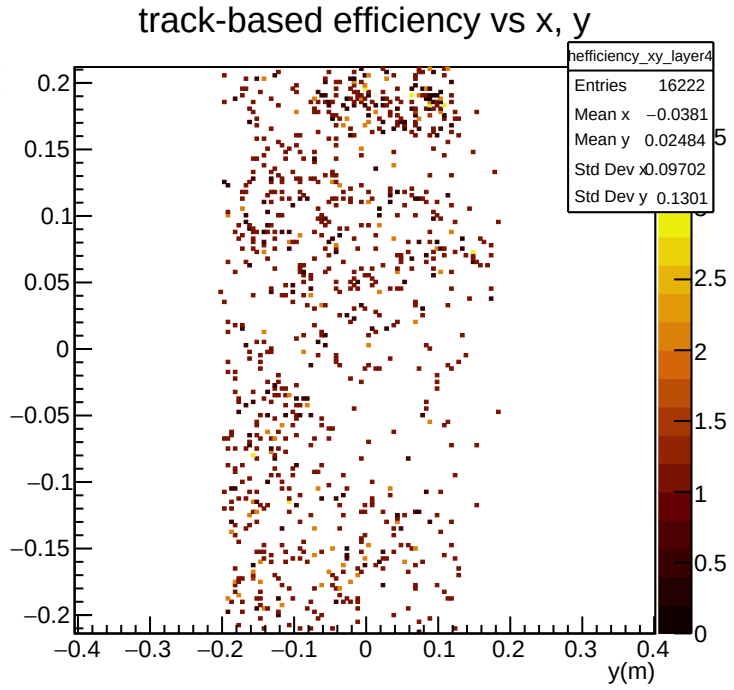

y of track crossing layer
hshouldhit_y_layer4
Entries 16222
Mean −0.009247
Std Dev 0.1075
shouldhit
didhit
y(m)


x vs y of track crossing (m)
hshouldhit_xy_layer4
Entries 16222
Mean x −0.02343
Mean y 0.01358
Std Dev x 0.1056
Std Dev y 0.1295
y(m)


xy of hits on good tracks (m)
hdidhit_xy_layer4
Entries 9538
Mean x −0.02304
Mean y 0.01367
Std Dev x 0.1048
Std Dev y 0.1275
y(m)

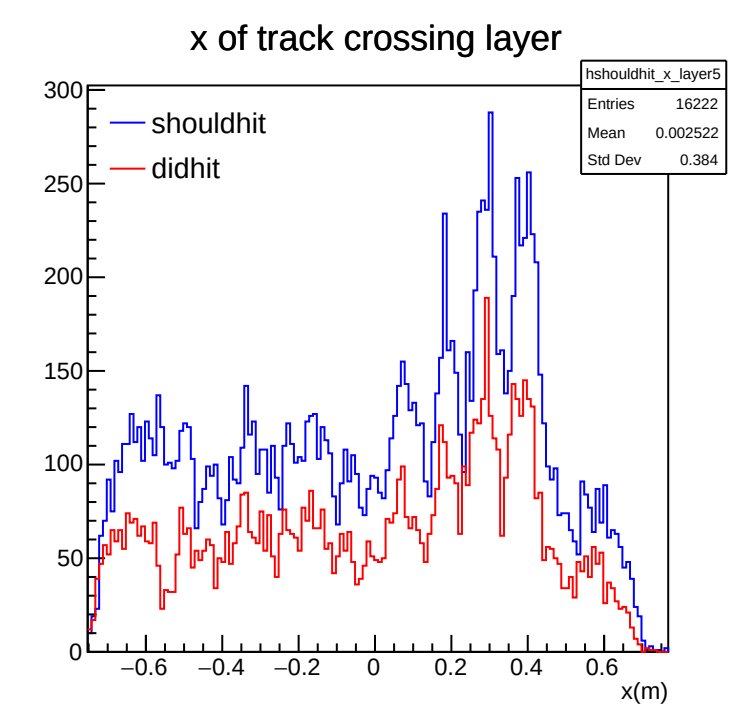


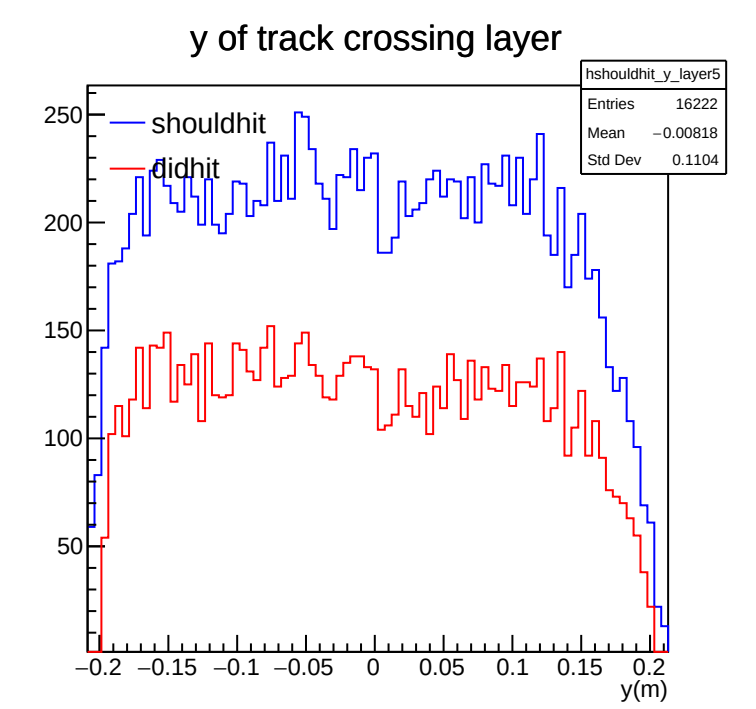


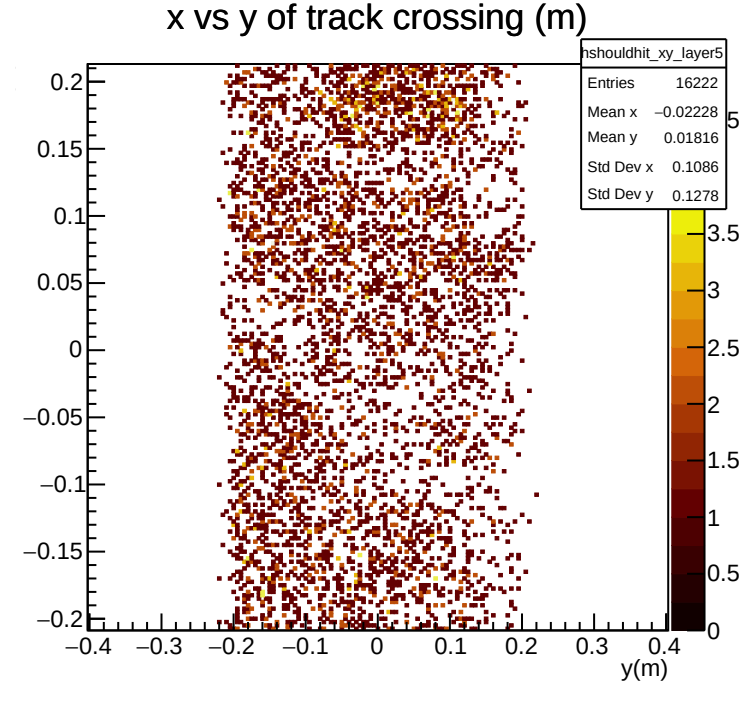


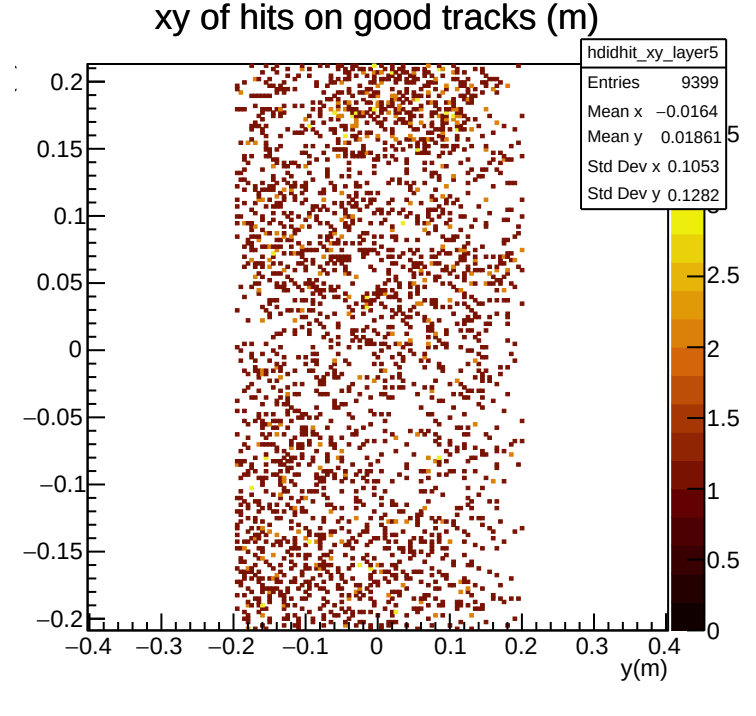
Layer: 4

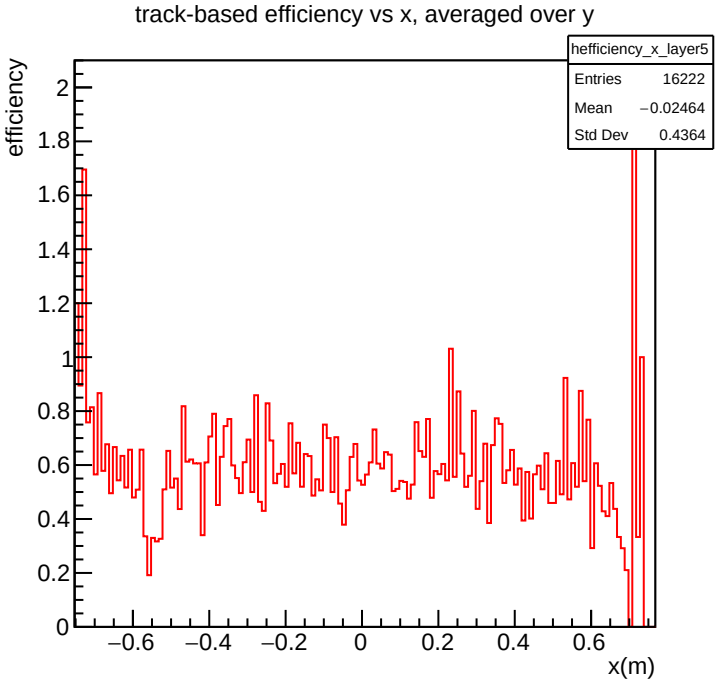
Elastic Efficiency = 58.8 %

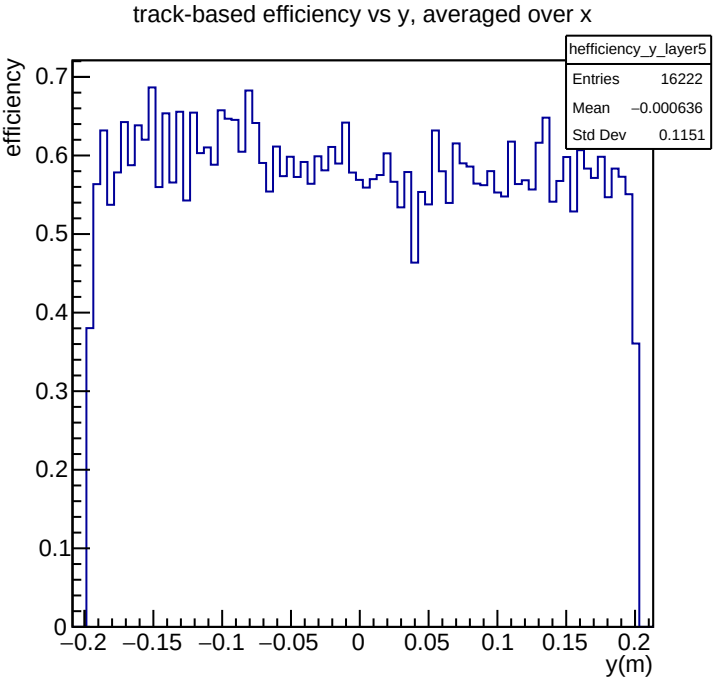

x of track crossing layer
hshouldhit_x_layer5
Entries 16222
Mean 0.002522
Std Dev 0.384
shouldhit
didhit
x(m)

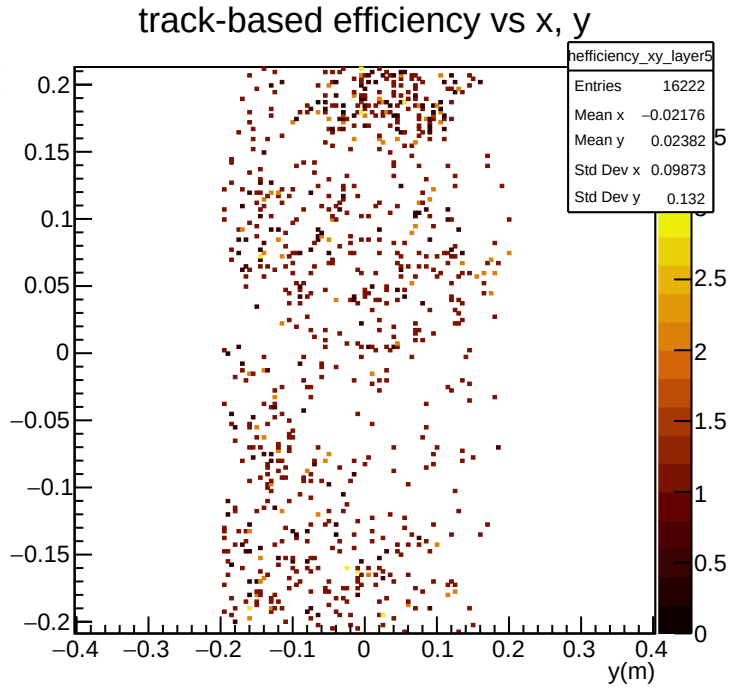

y of track crossing layer
hshouldhit_y_layer5
Entries 16222
Mean −0.00818
Std Dev 0.1104
shouldhit
didhit
y(m)


x vs y of track crossing (m)
hshouldhit_xy_layer5
Entries 16222
Mean x −0.02228
Mean y 0.01816
Std Dev x 0.1086
Std Dev y 0.1278
y(m)


xy of hits on good tracks (m)
hdidhit_xy_layer5
Entries 9399
Mean x −0.0164
Mean y 0.01861
Std Dev x 0.1053
Std Dev y 0.1282
y(m)

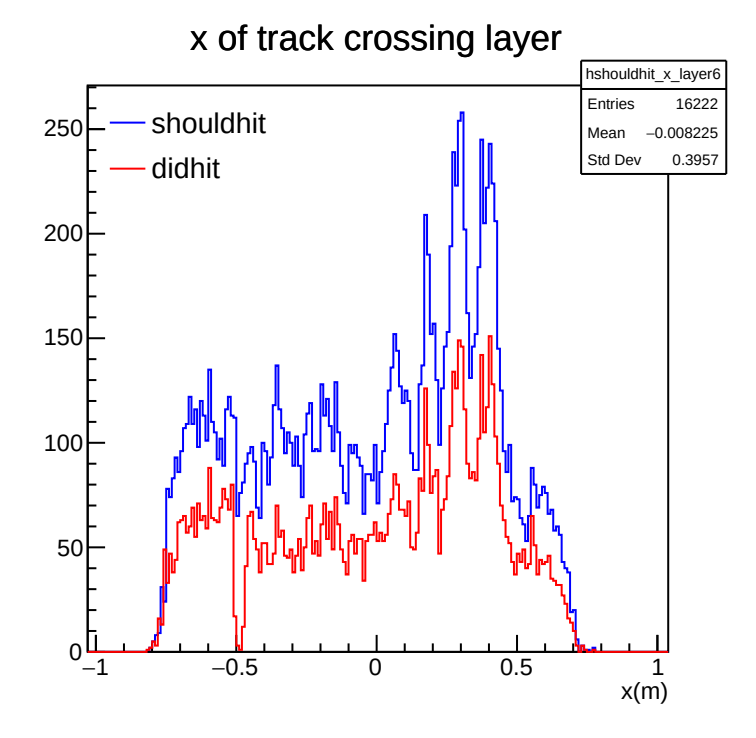


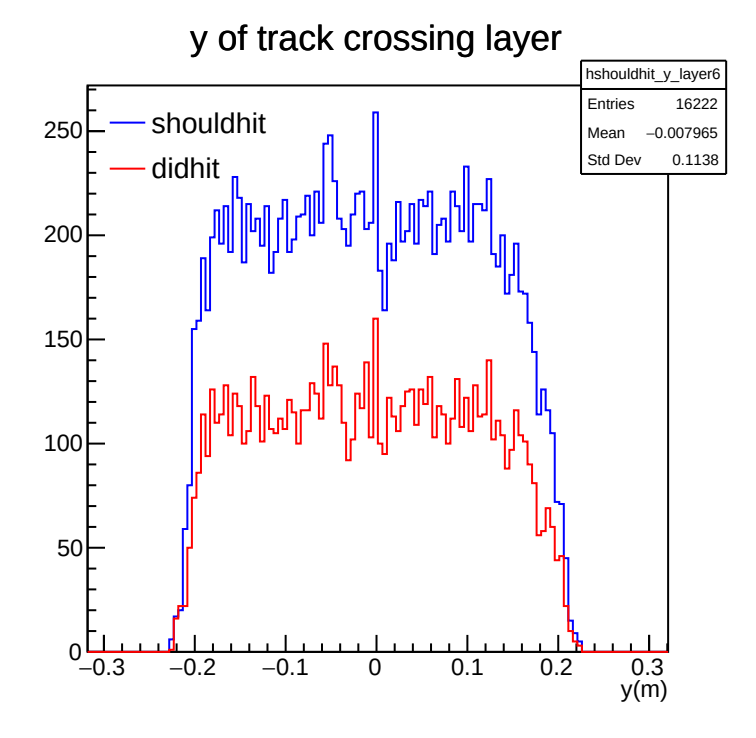


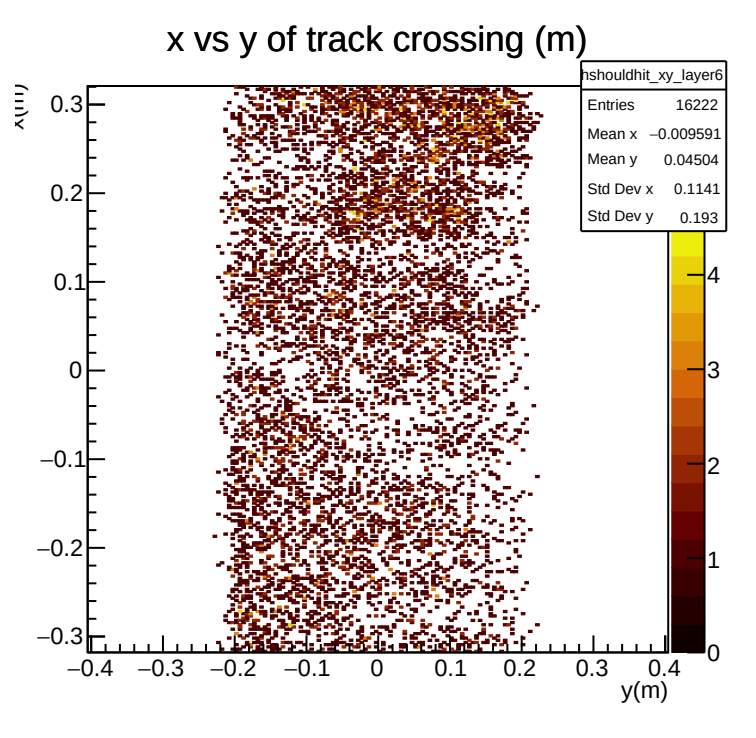


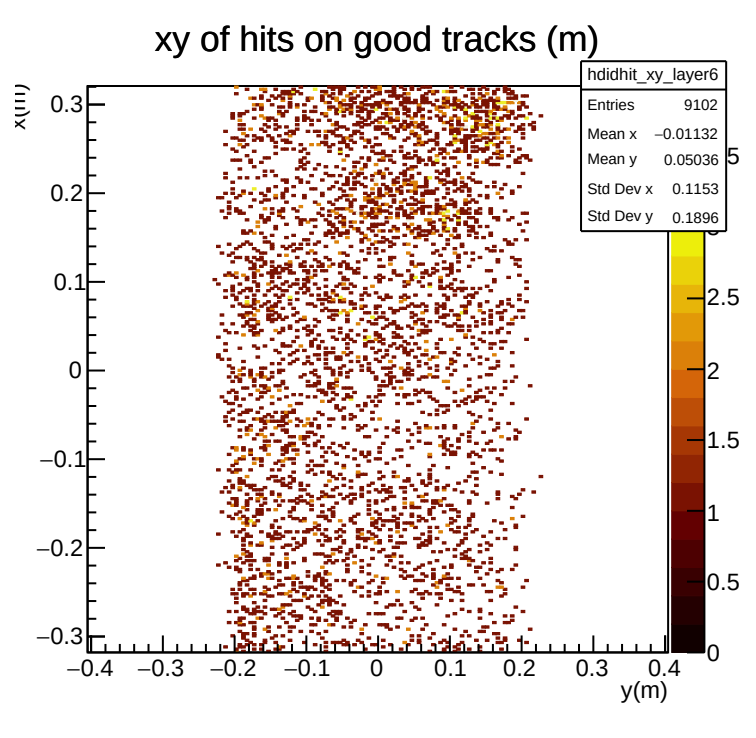
Layer: 5

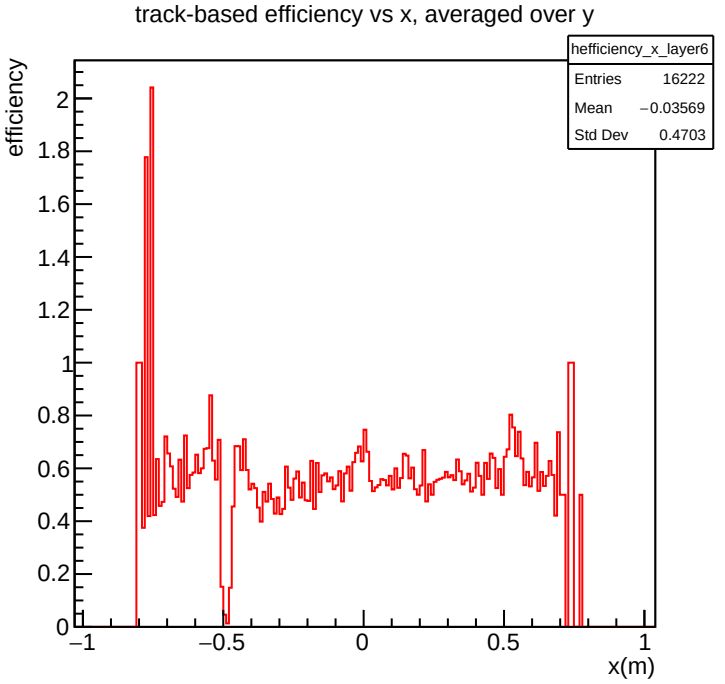
Elastic Efficiency = 57.9 %

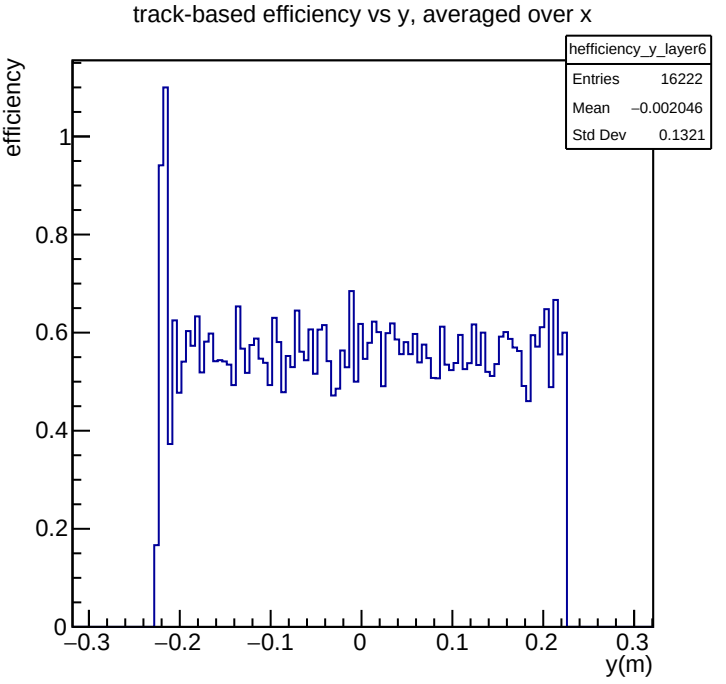

x of track crossing layer
hshouldhit_x_layer6
Entries 16222
Mean −0.008225
Std Dev 0.3957
shouldhit
didhit
x(m)

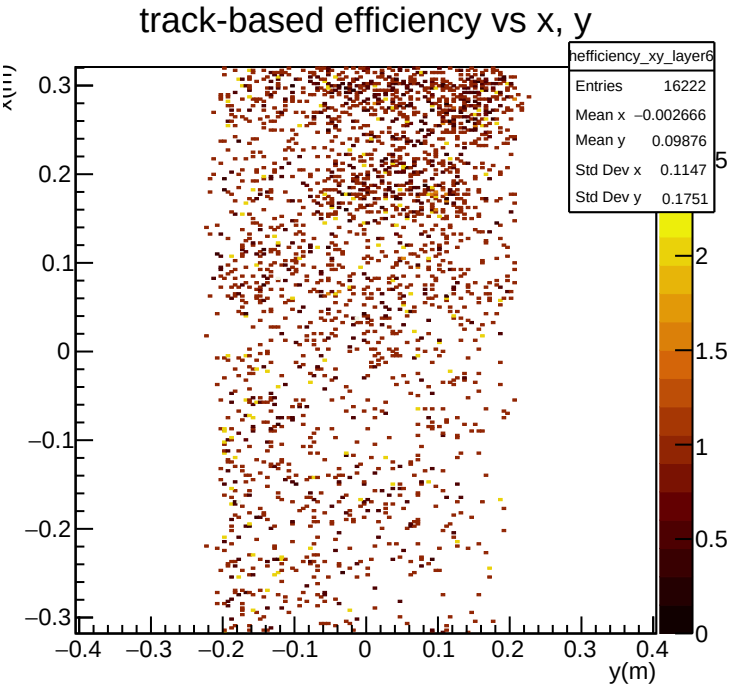

y of track crossing layer
hshouldhit_y_layer6
Entries 16222
Mean −0.007965
Std Dev 0.1138
shouldhit
didhit
y(m)


x vs y of track crossing (m)
hshouldhit_xy_layer6
Entries 16222
Mean x −0.009591
Mean y 0.04504
Std Dev x 0.1141
Std Dev y 0.193
y(m)


xy of hits on good tracks (m)
hdidhit_xy_layer6
Entries 9102
Mean x −0.01132
Mean y 0.05036
Std Dev x 0.1153
Std Dev y 0.1896
y(m)

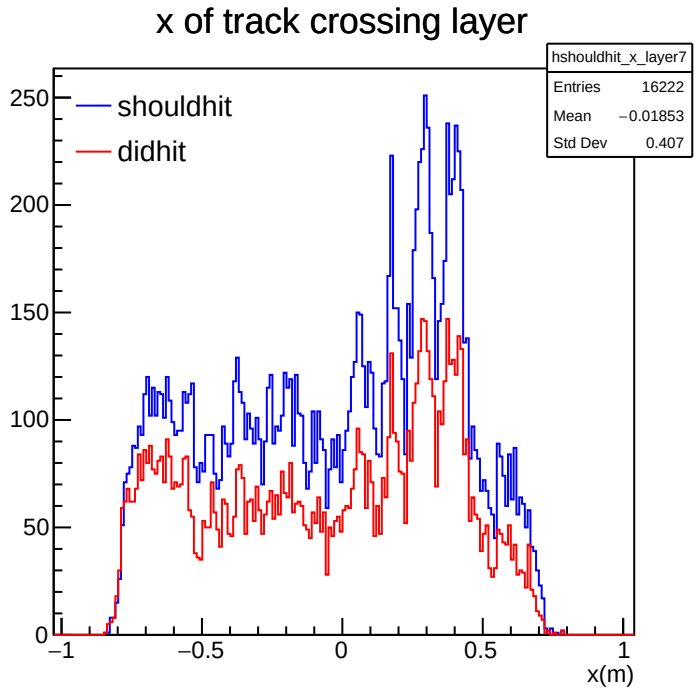


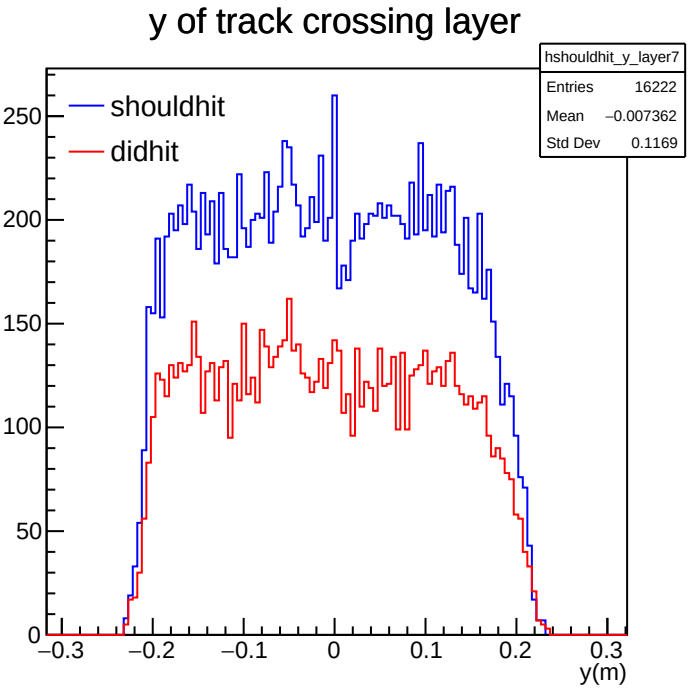


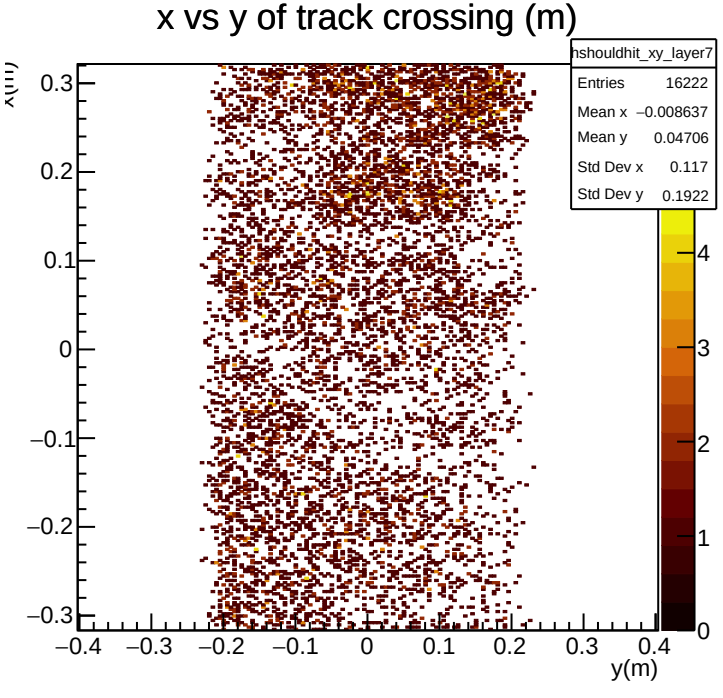


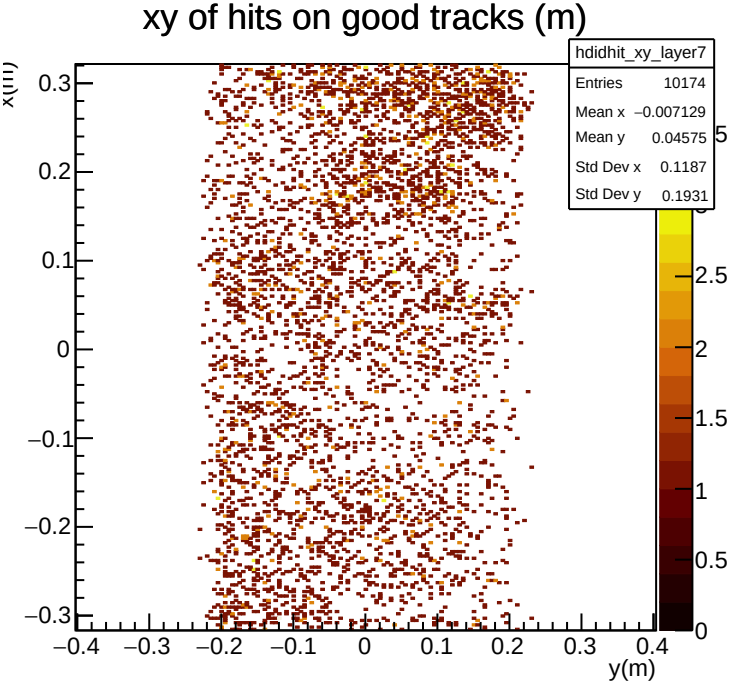
Layer: 6

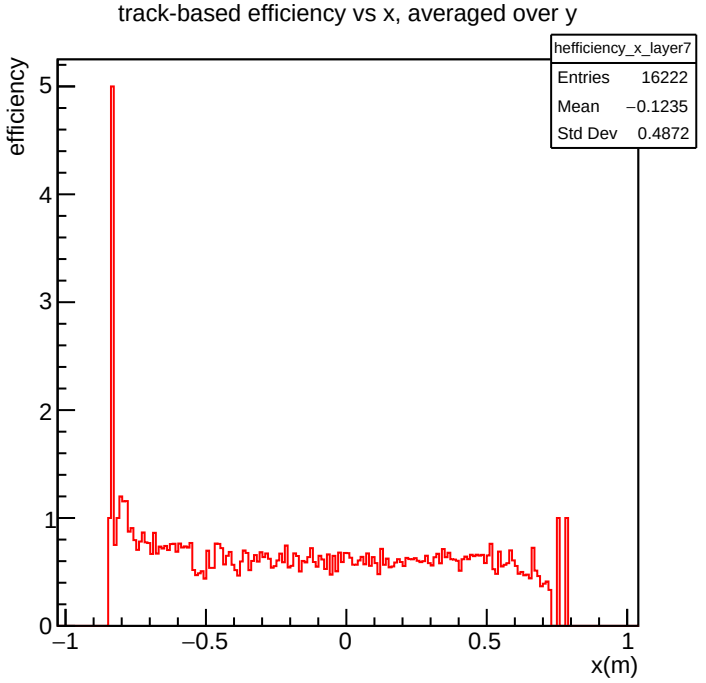
Elastic Efficiency = 56.1 %

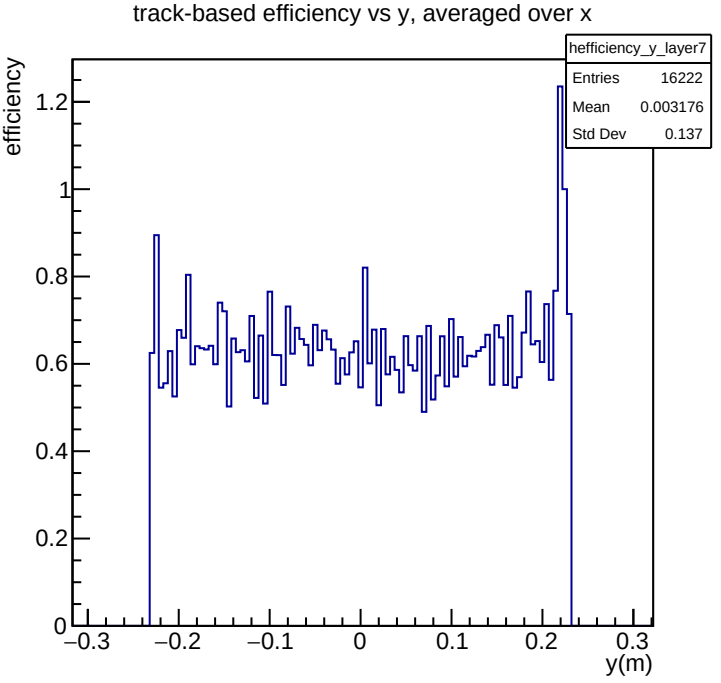

x of track crossing layer
hshouldhit_x_layer7
Entries 16222
Mean −0.01853
Std Dev 0.407
shouldhit
didhit
x(m)

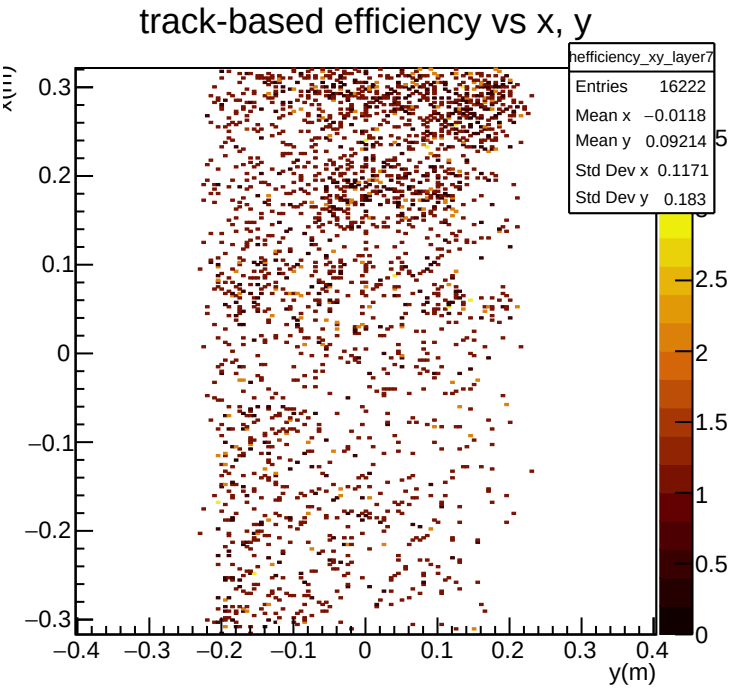

y of track crossing layer
hshouldhit_y_layer7
Entries 16222
Mean −0.007362
Std Dev 0.1169
shouldhit
didhit
y(m)


x vs y of track crossing (m)
hshouldhit_xy_layer7
Entries 16222
Mean x −0.008637
Mean y 0.04706
Std Dev x 0.117
Std Dev y 0.1922
y(m)


xy of hits on good tracks (m)
hdidhit_xy_layer7
Entries 10174
Mean x −0.007129
Mean y 0.04575
Std Dev x 0.1187
Std Dev y 0.1931
y(m)







Layer: 7

Elastic Efficiency = 62.7 %