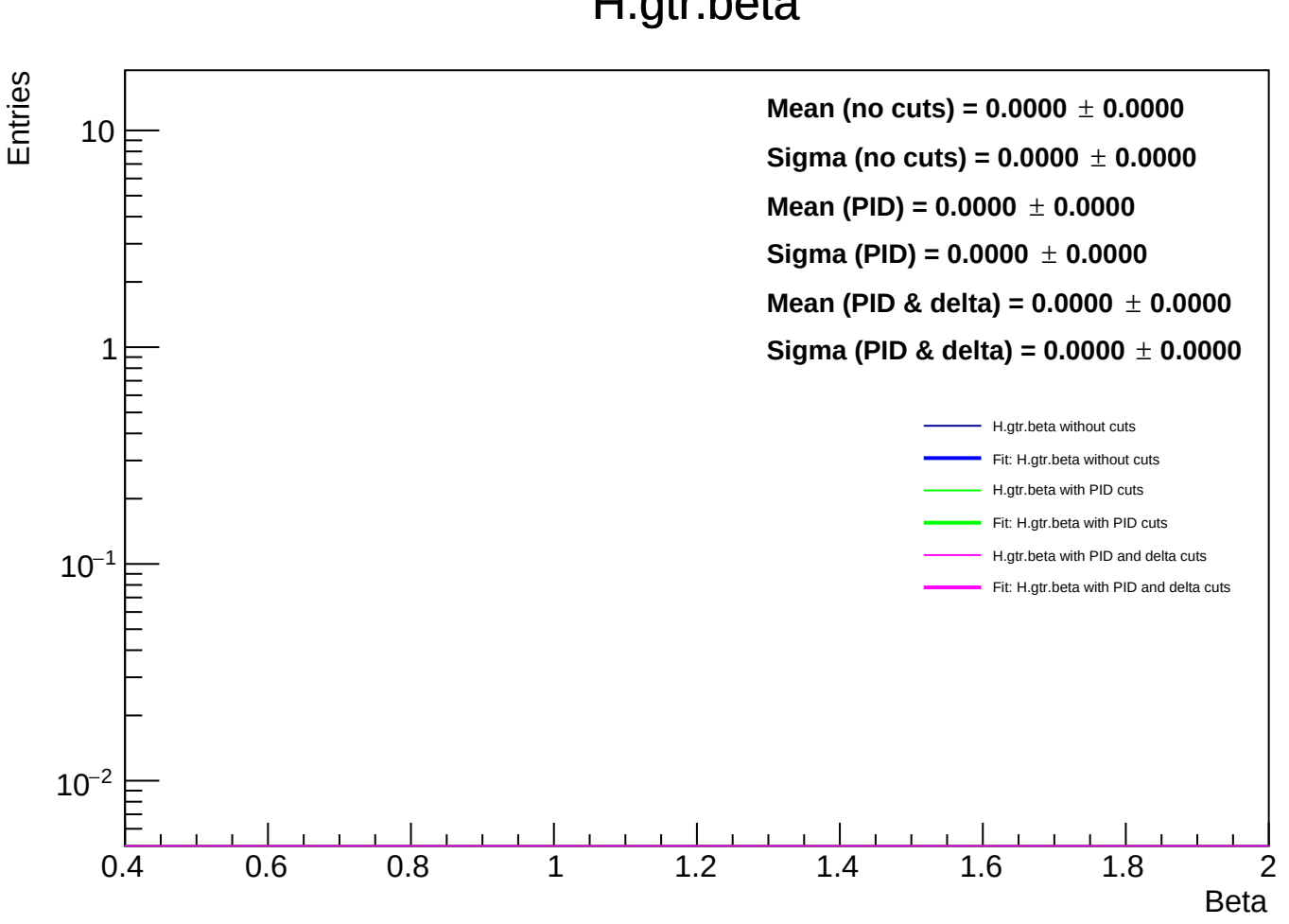
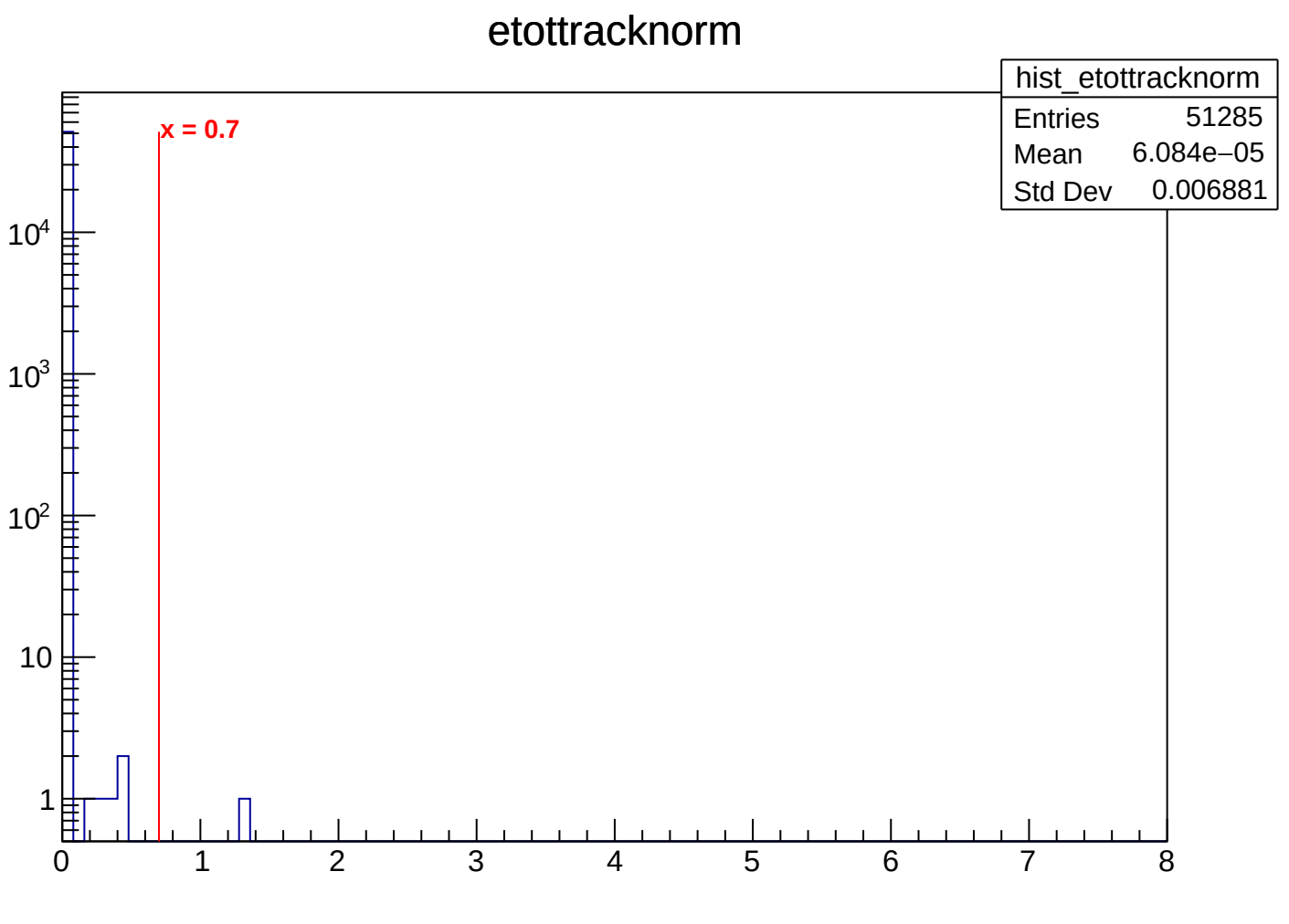
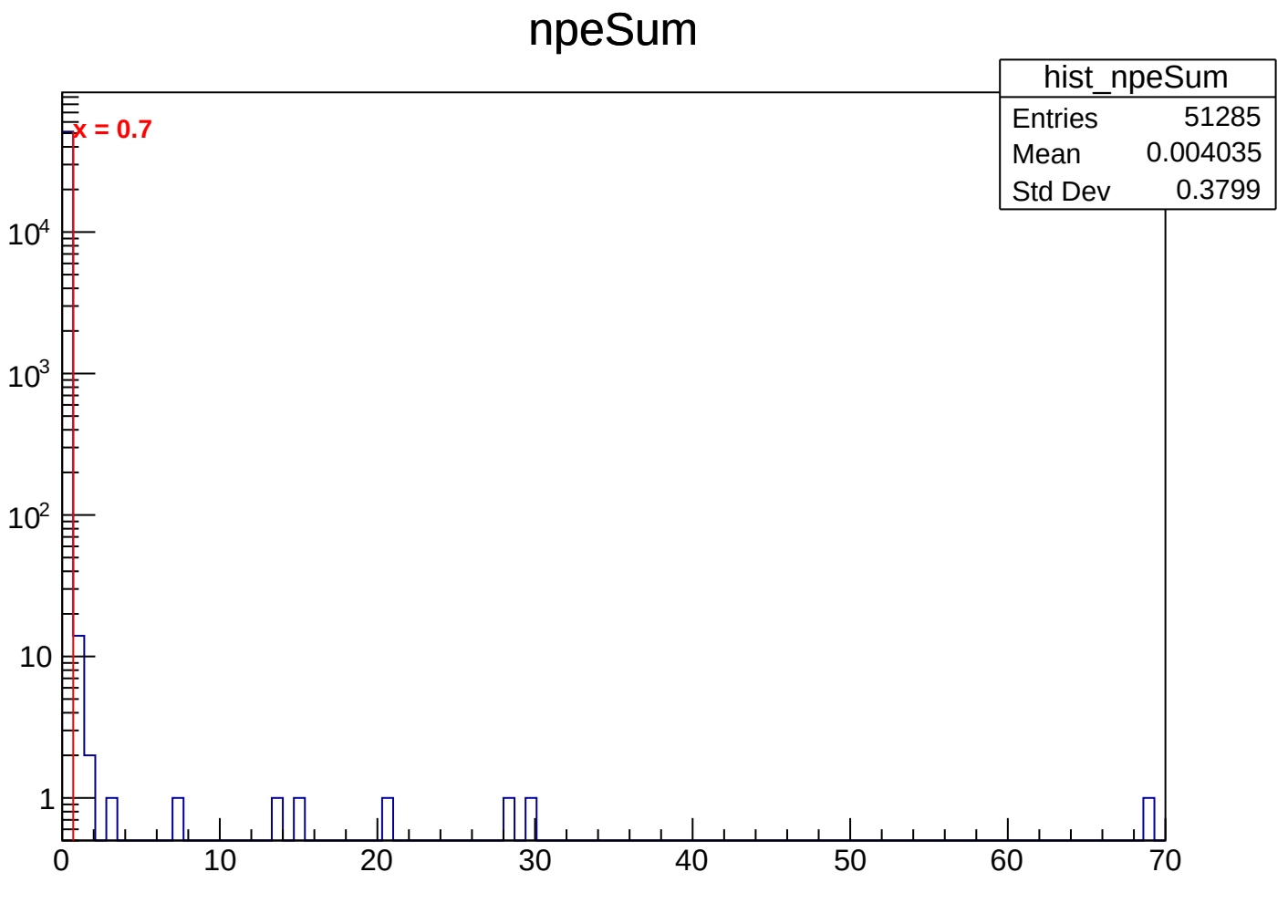
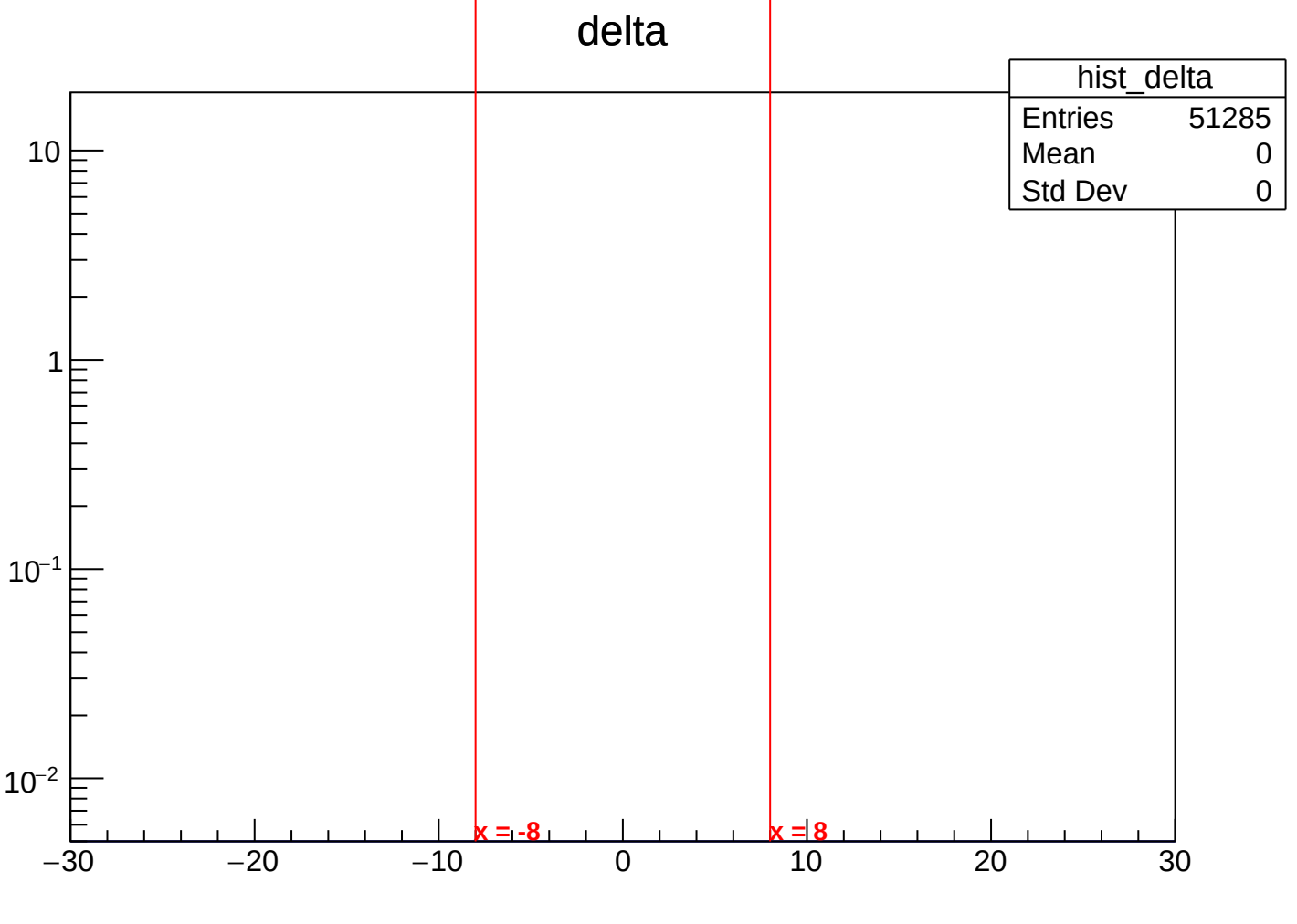
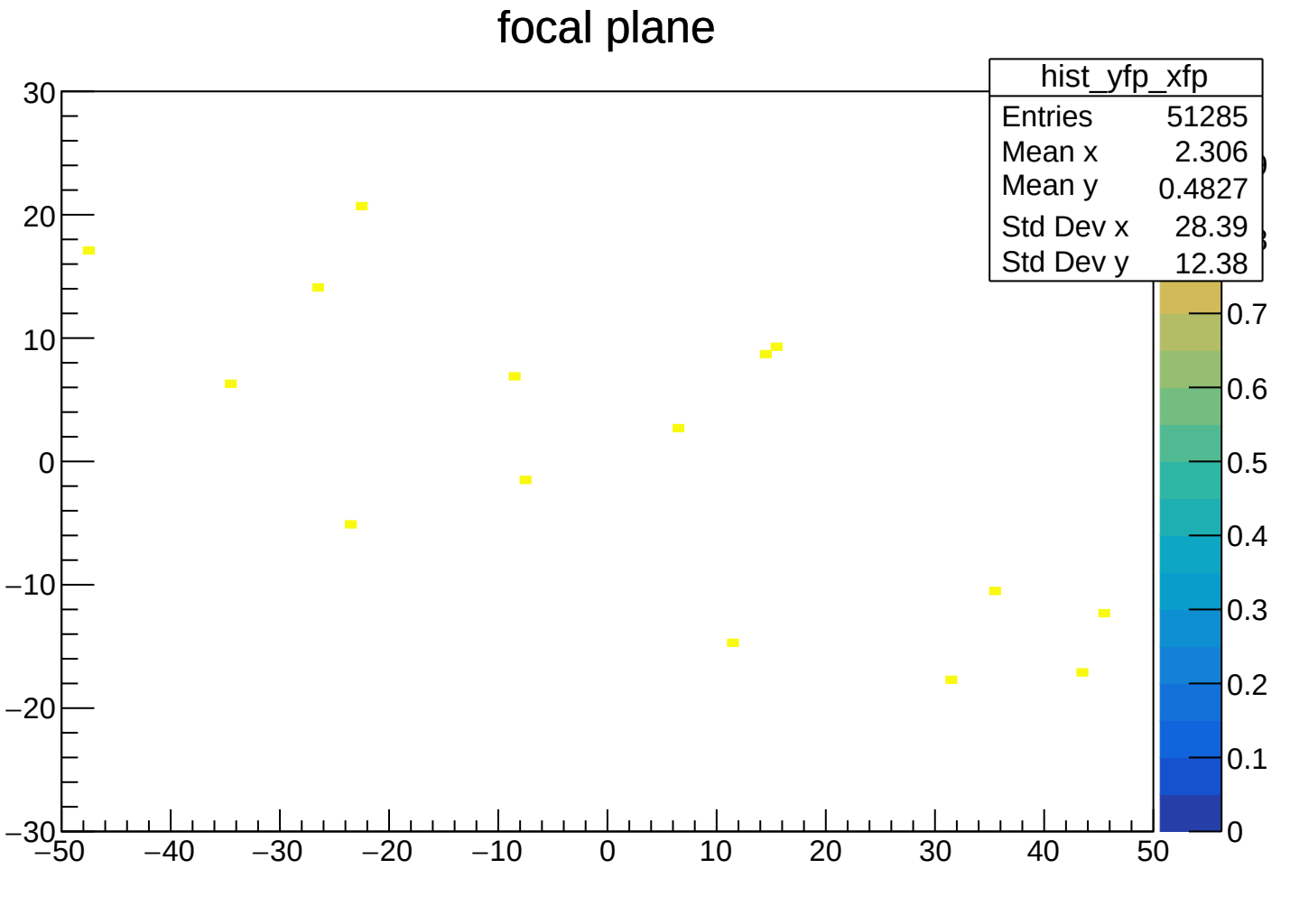
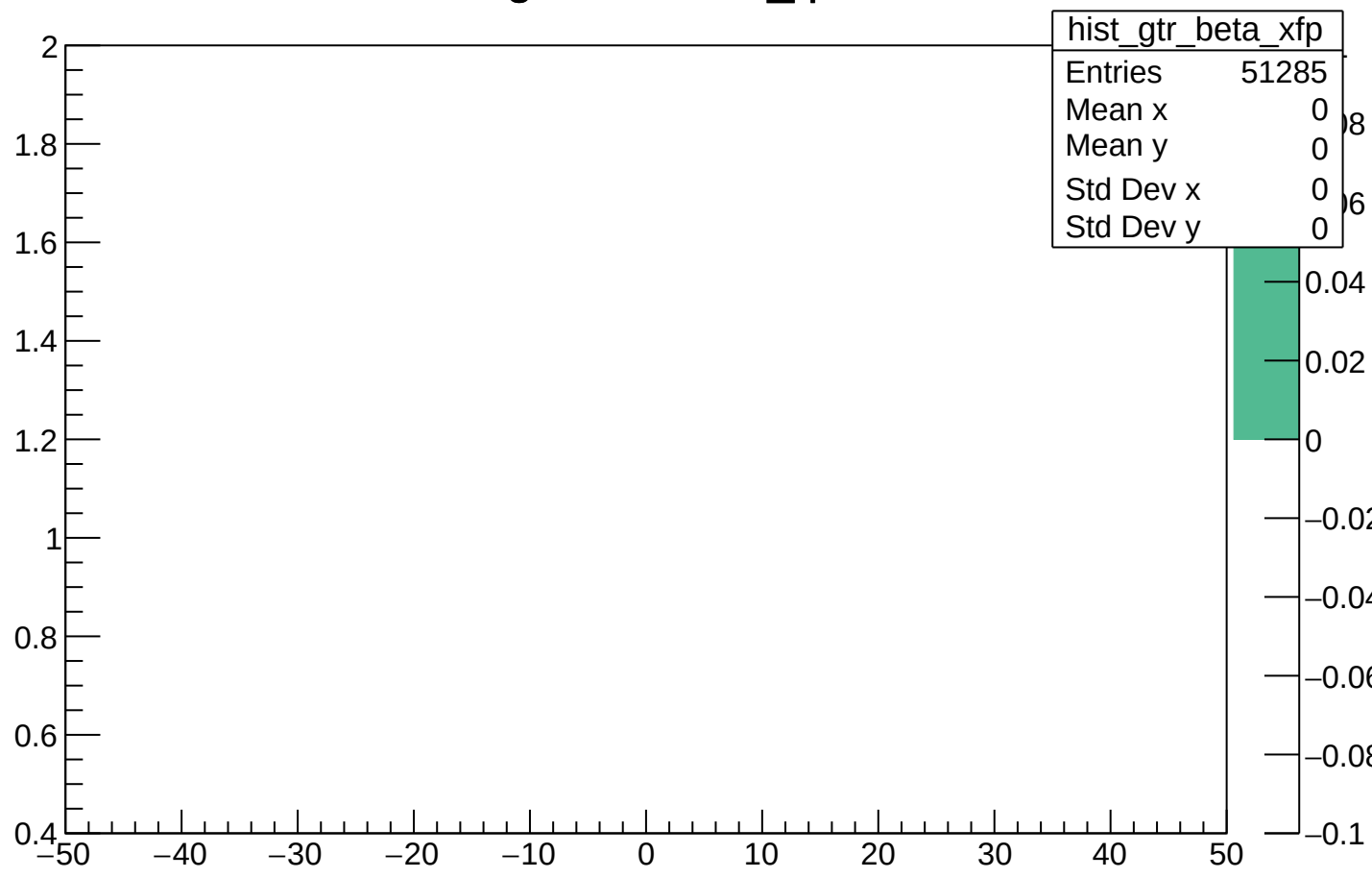

H.gtr.beta
Entries
10
1
10^{-1}
10^{-2}
Mean (no cuts) = 0.0000 ± 0.0000
Sigma (no cuts) = 0.0000 ± 0.0000
Mean (PID) = 0.0000 ± 0.0000
Sigma (PID) = 0.0000 ± 0.0000
Mean (PID & delta) = 0.0000 ± 0.0000
Sigma (PID & delta) = 0.0000 ± 0.0000
H.gtr.beta without cuts
Fit: H.gtr.beta without cuts
H.gtr.beta with PID cuts
Fit: H.gtr.beta with PID cuts
H.gtr.beta with PID and delta cuts
Fit: H.gtr.beta with PID and delta cuts
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
Beta

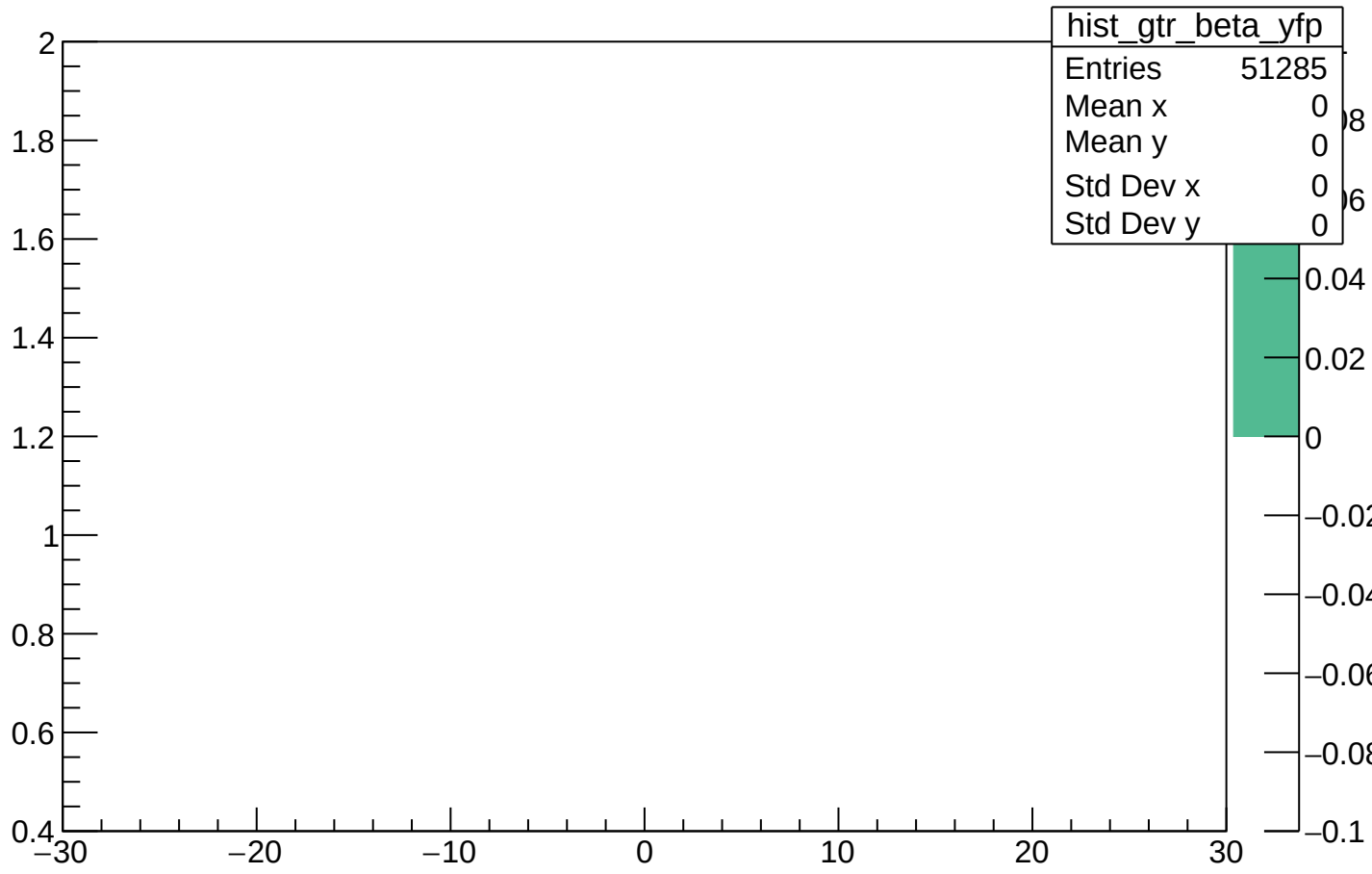

etottracknorm
hist_etottracknorm
Entries 51285
Mean 6.084e−05
Std Dev 0.006881
x = 0.7
10^4
10^3
10^2
10
1
0
1
2
3
4
5
6
7
8

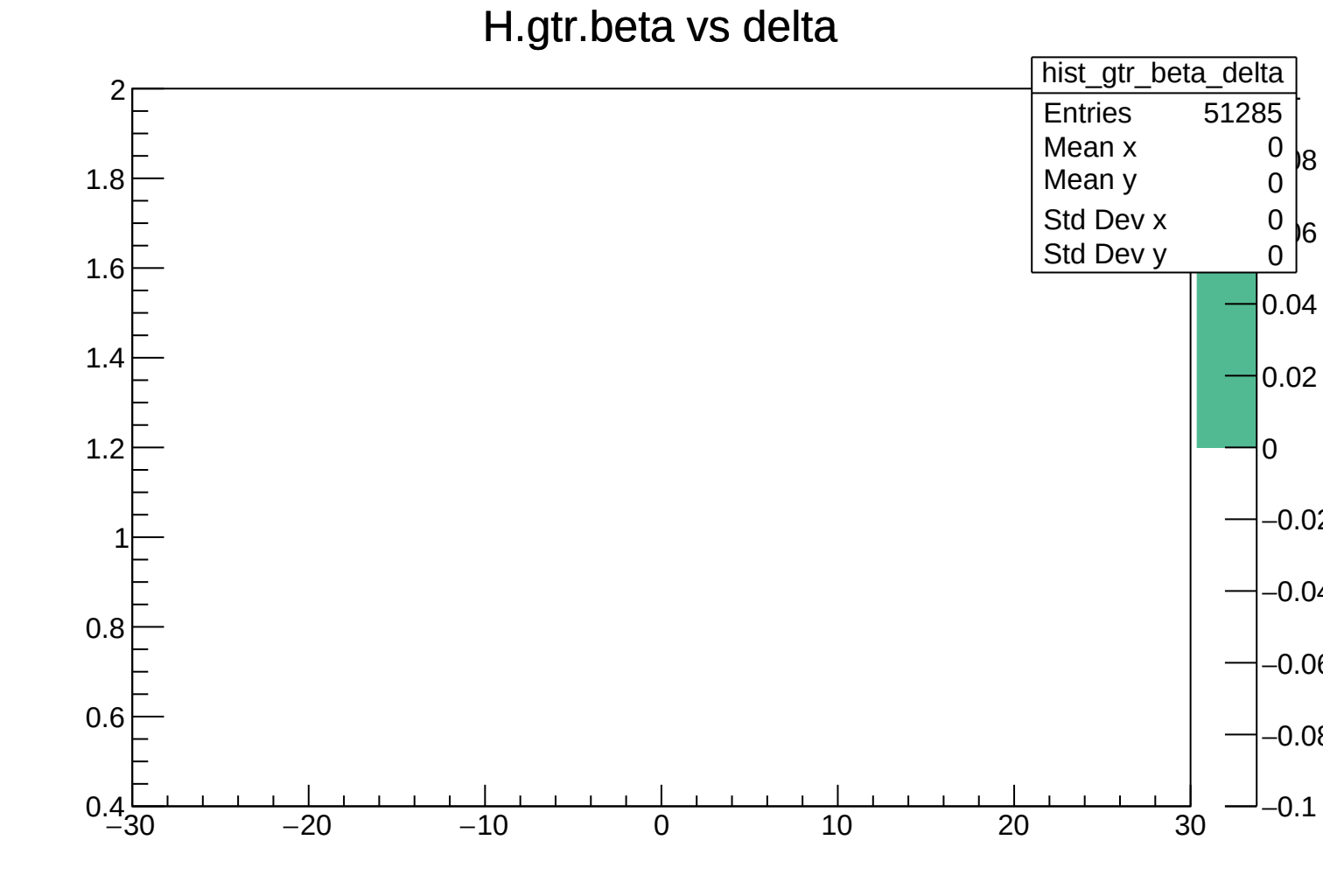

npeSum
hist_npeSum
Entries 51285
Mean 0.004035
Std Dev 0.3799
x = 0.7
10^4
10^3
10^2
10
1
0
10
20
30
40
50
60
70

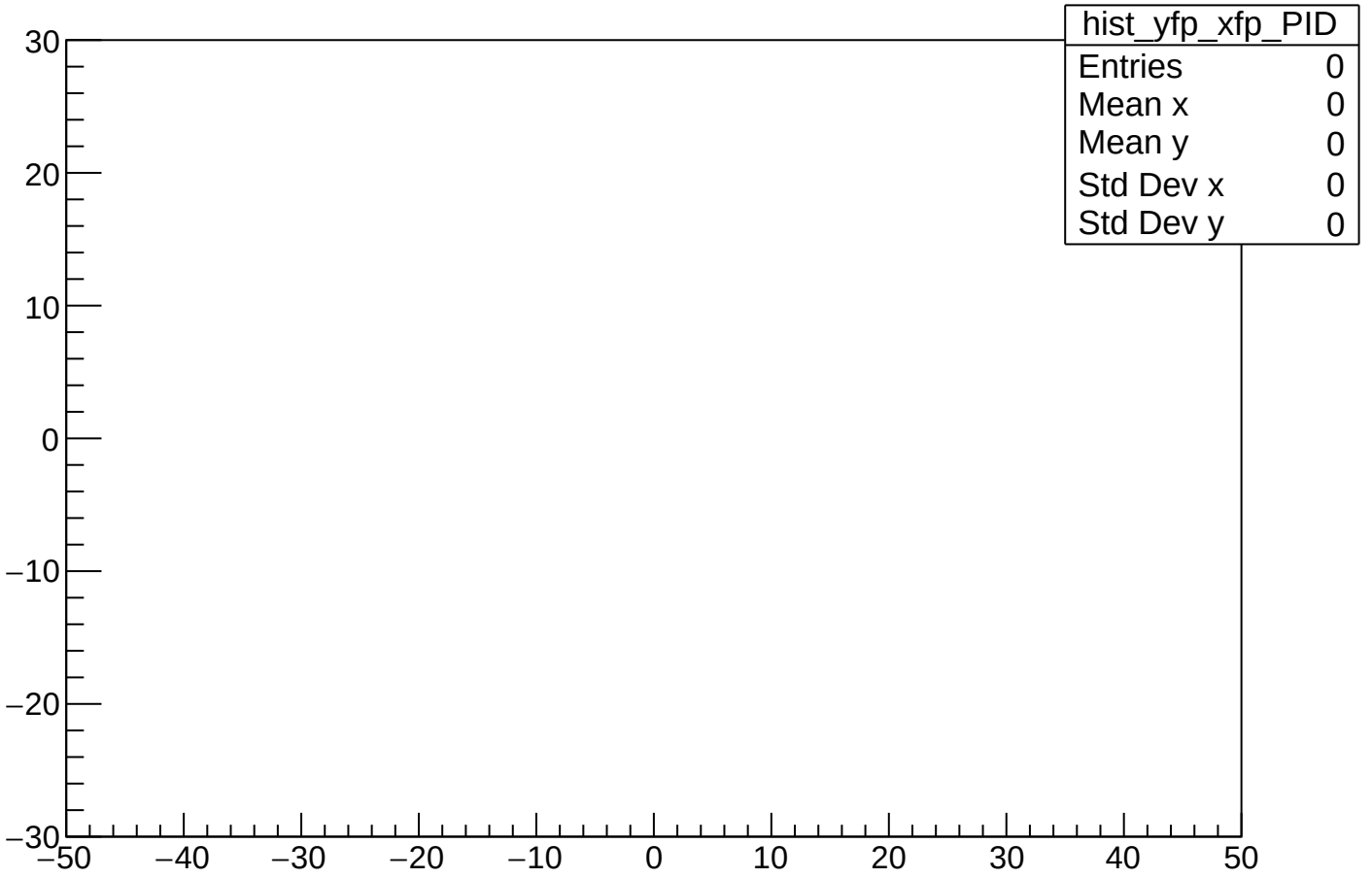

delta
hist_delta
Entries 51285
Mean 0
Std Dev 0
10
1
10^{-1}
10^{-2}
x = -8
x = 8
−30
−20
−10
0
10
20
30

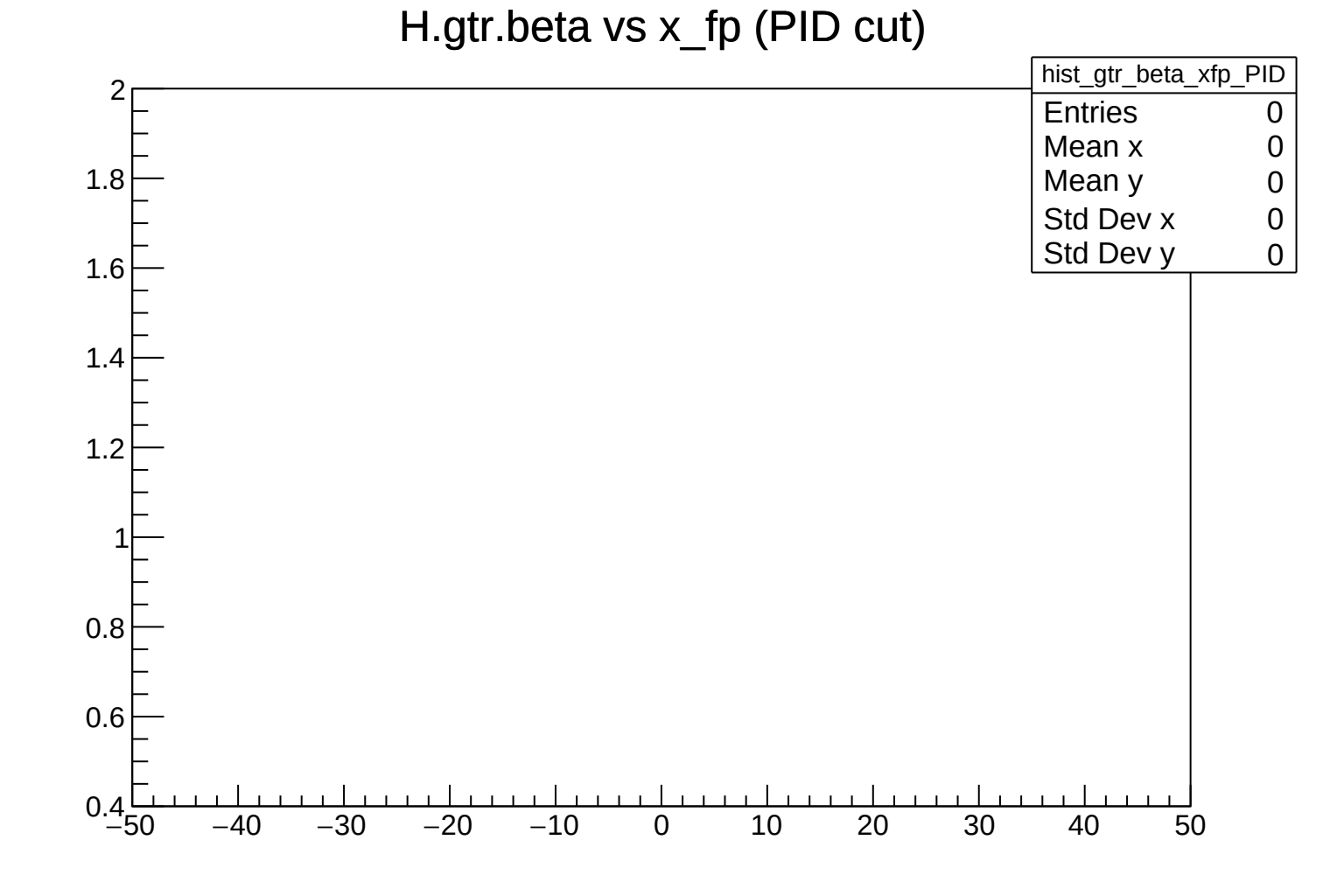

focal plane
hist_yfp_xfp
Entries 51285
Mean x 2.306
Mean y 0.4827
Std Dev x 28.39
Std Dev y 12.38
30
20
10
0
−10
−20
−30
−50
−40
−30
−20
−10
0
10
20
30
40
50
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0

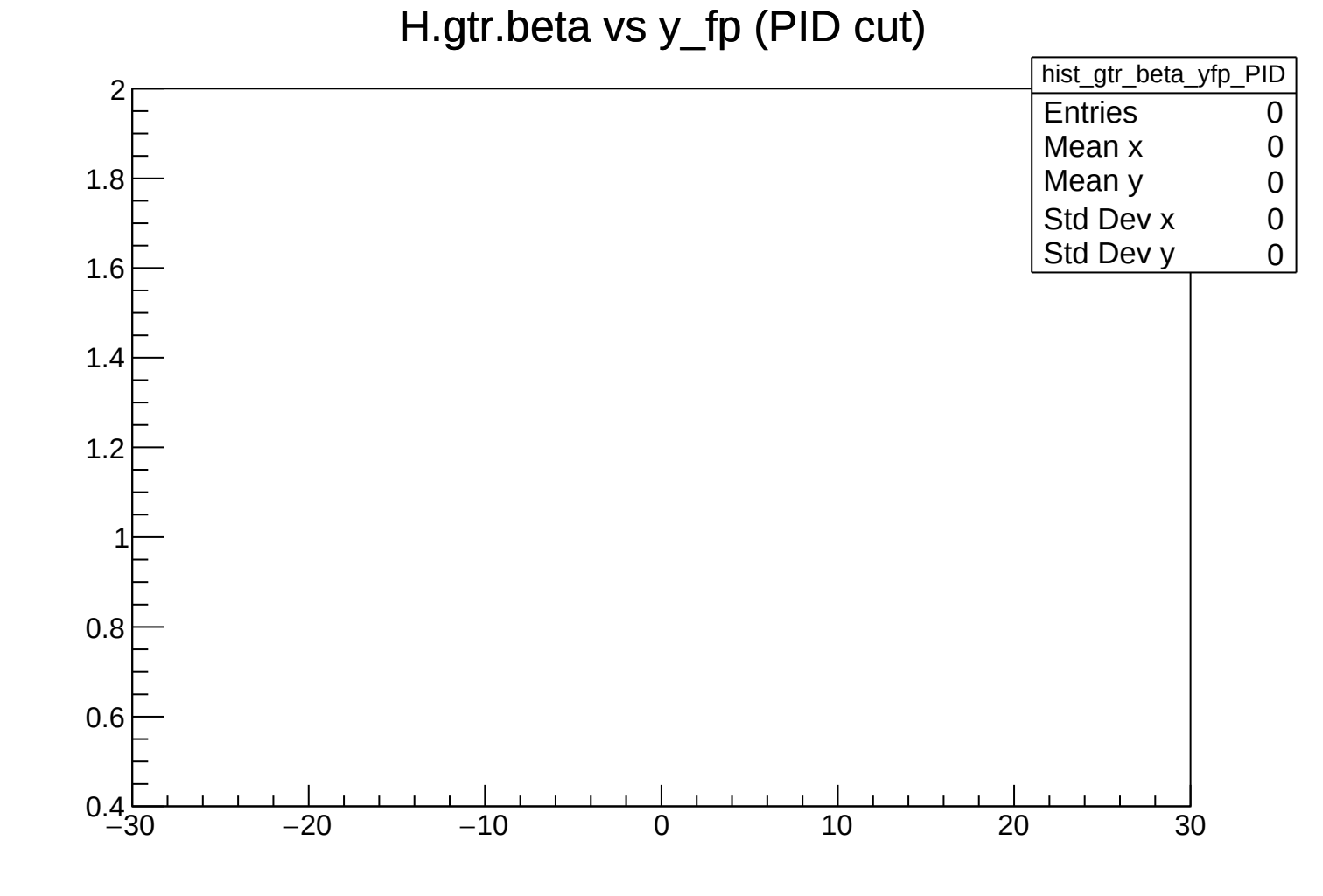

H.gtr.beta vs x_fp
hist_gtr_beta_xfp
Entries 51285
Mean x 0
Mean y 0
Std Dev x 0
Std Dev y 0
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
−50
−40
−30
−20
−10
0
10
20
30
40
50
0.04
0.02
0
−0.1

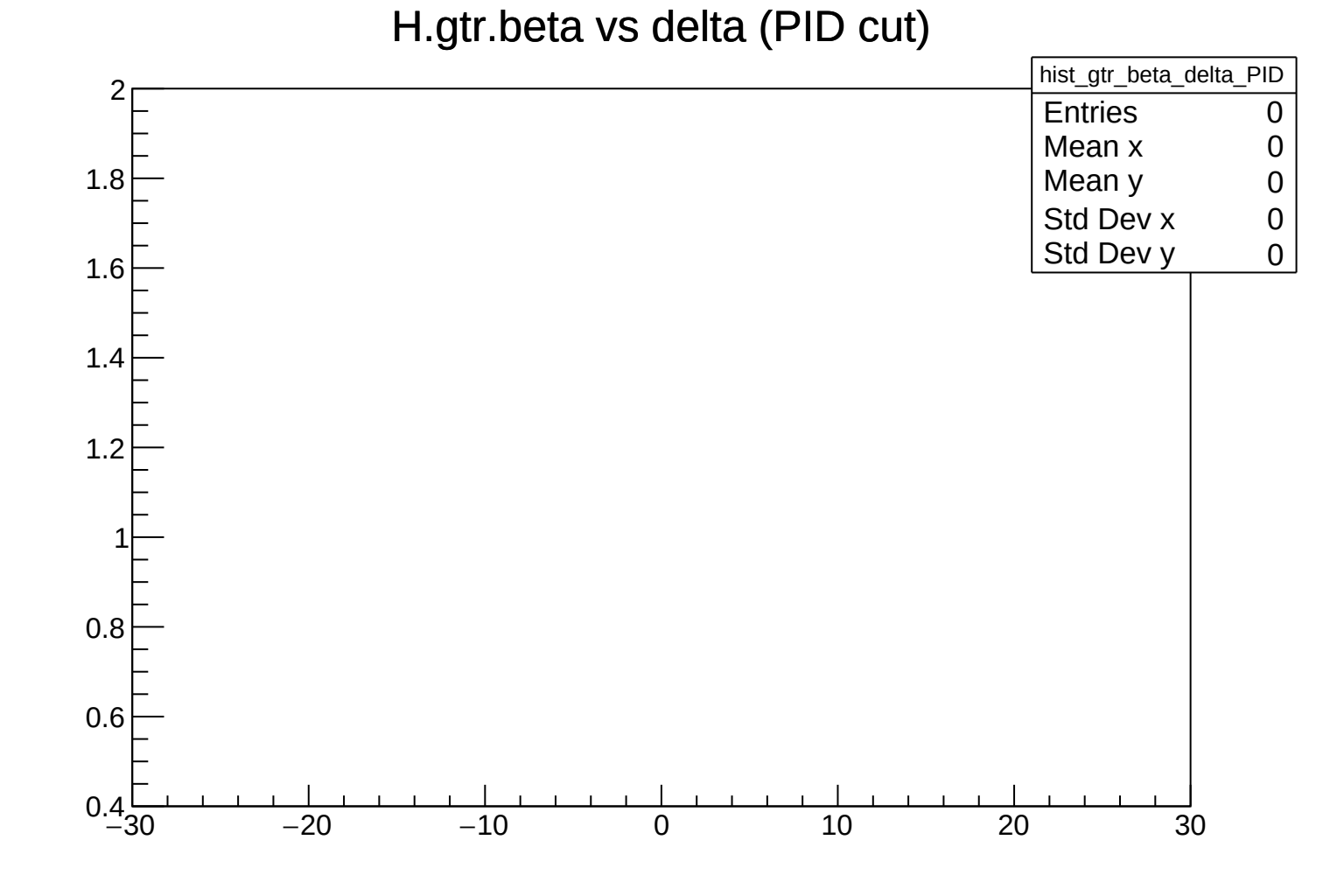

H.gtr.beta vs y_fp
hist_gtr_beta_yfp
Entries 51285
Mean x 0
Mean y 0
Std Dev x 0
Std Dev y 0
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
−30
−20
−10
0
10
20
30
0.04
0.02
0
−0.02
−0.04
−0.06
−0.08
−0.1

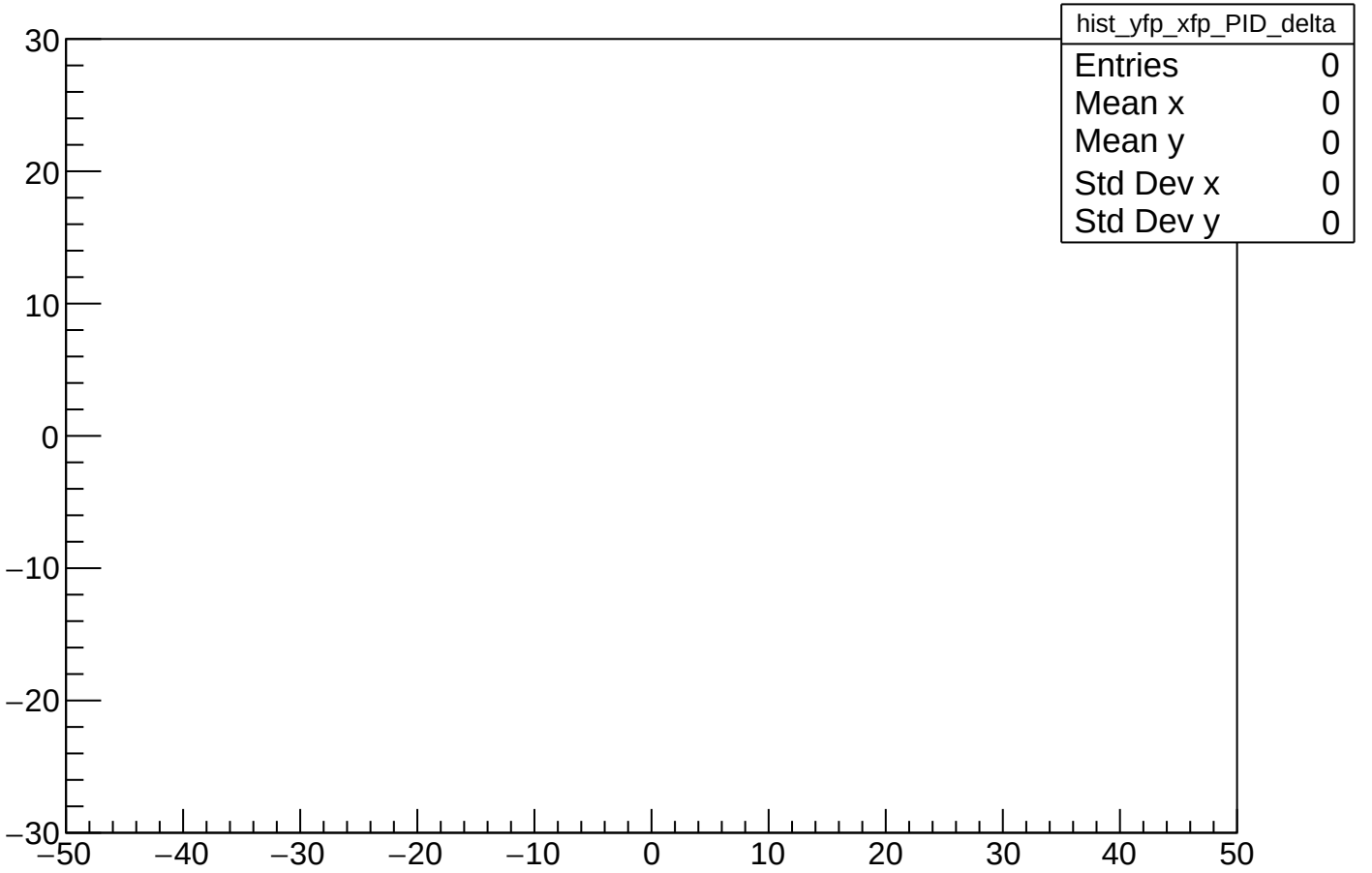

H.gtr.beta vs delta
hist_gtr_beta_delta
Entries 51285
Mean x 0
Mean y 0
Std Dev x 0
Std Dev y 0
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
−30
−20
−10
0
10
20
30
0.04
0.02
0
−0.1

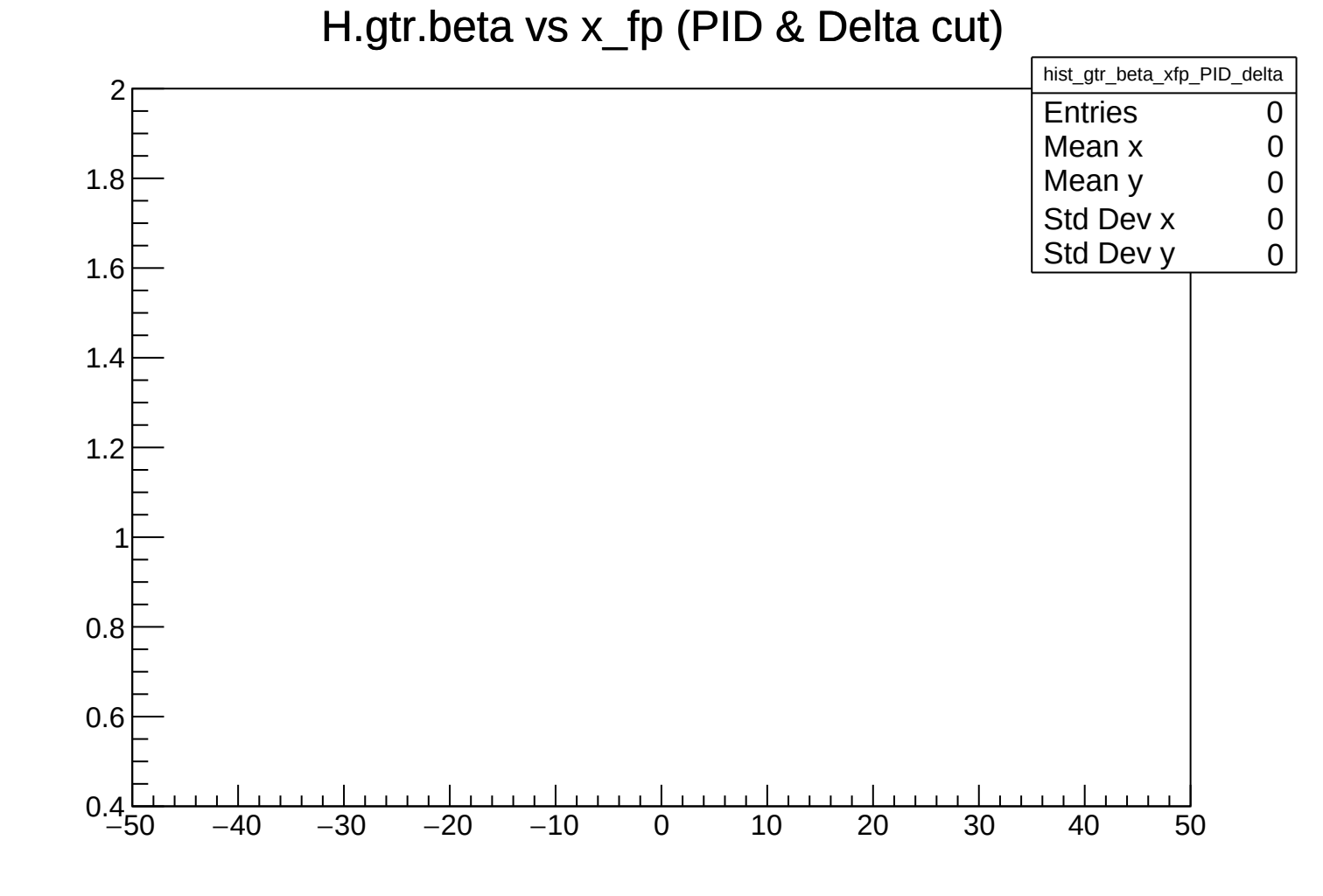

focal plane (PID cut)
hist_yfp_xfp_PID
Entries 0
Mean x 0
Mean y 0
Std Dev x 0
Std Dev y 0
30
20
10
0
−10
−20
−30
−50
−40
−30
−20
−10
0
10
20
30
40
50

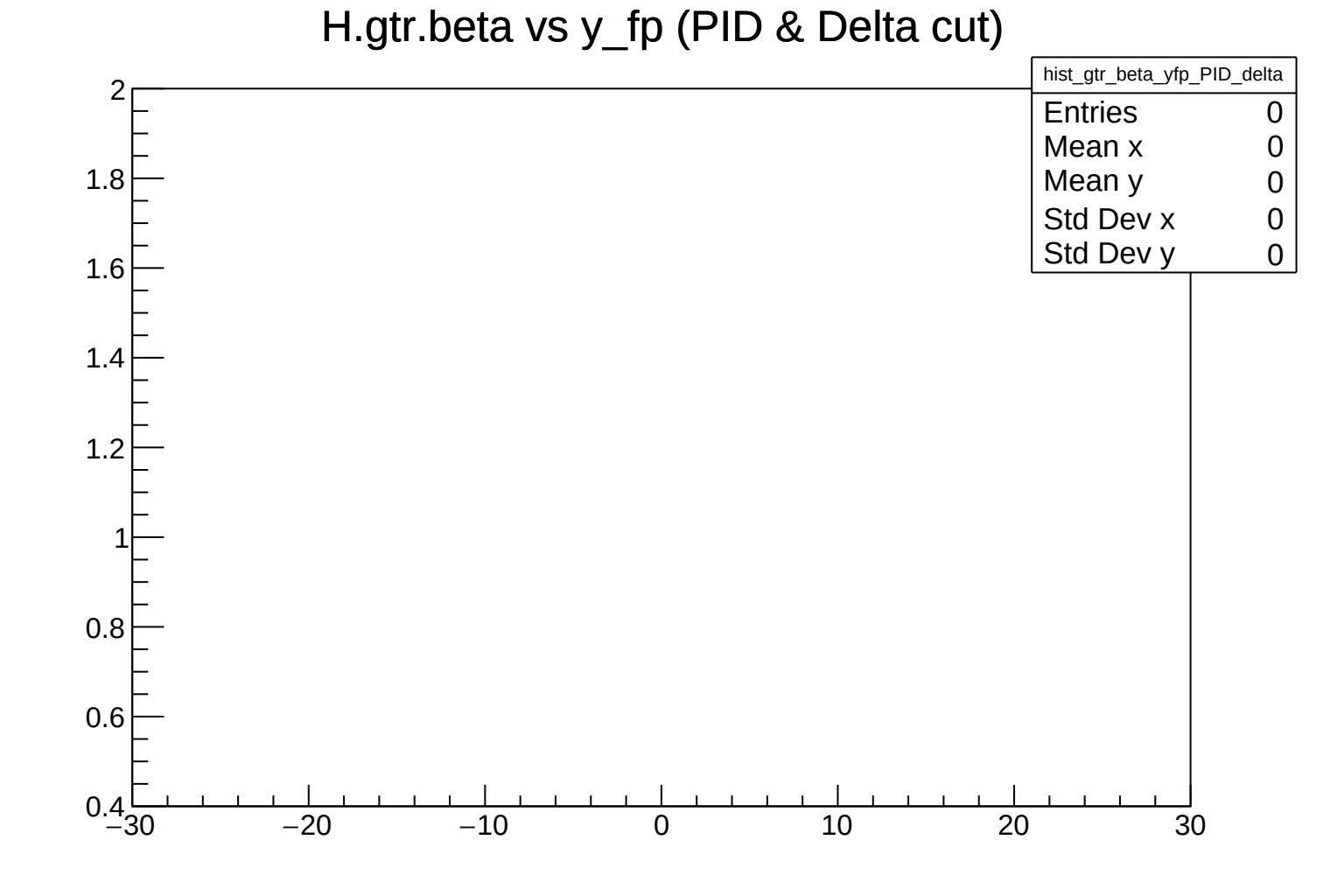

H.gtr.beta vs x_fp (PID cut)
hist_gtr_beta_xfp_PID
Entries 0
Mean x 0
Mean y 0
Std Dev x 0
Std Dev y 0
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
−50
−40
−30
−20
−10
0
10
20
30
40
50

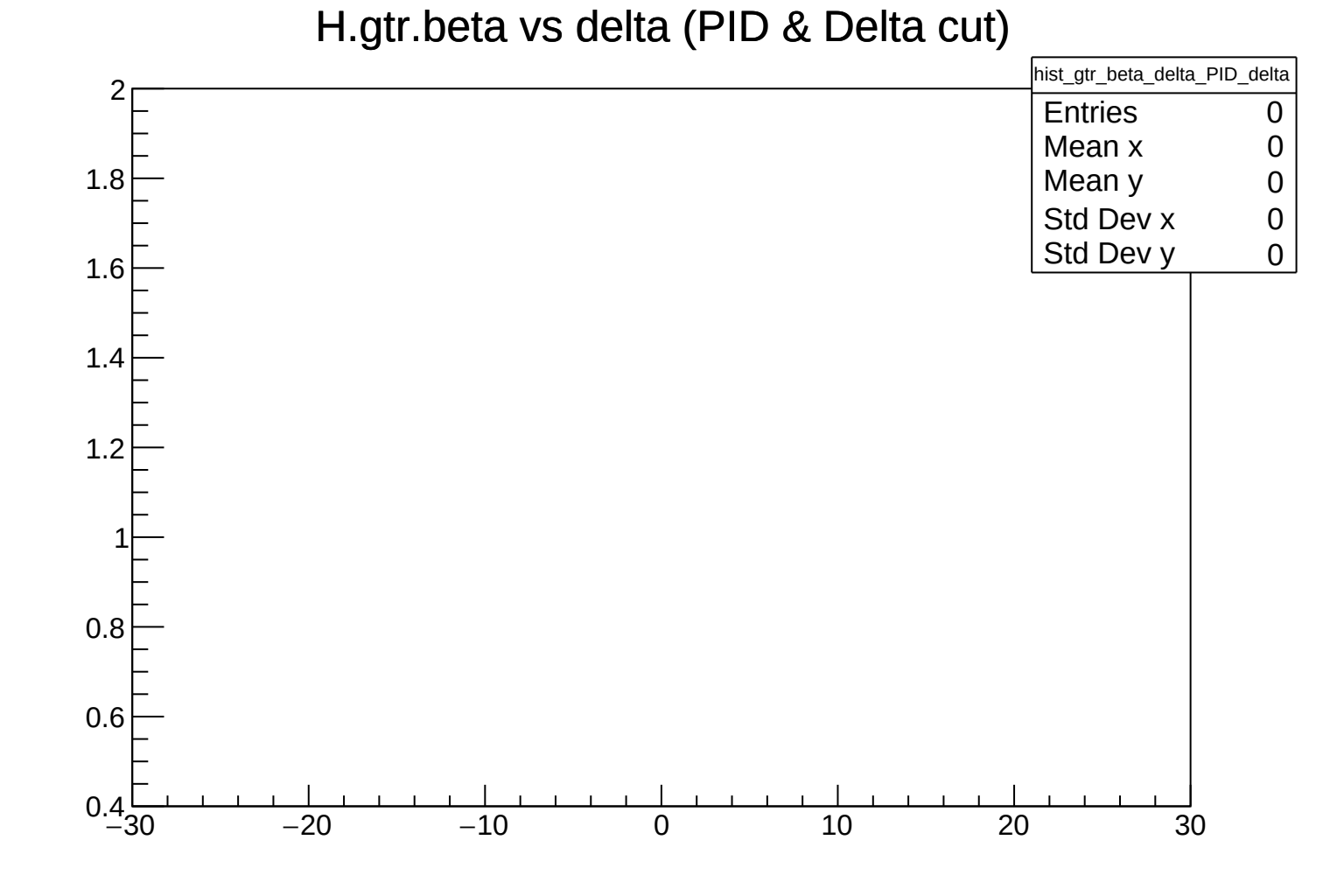

H.gtr.beta vs y_fp (PID cut)
hist_gtr_beta_yfp_PID
Entries 0
Mean x 0
Mean y 0
Std Dev x 0
Std Dev y 0
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
−30
−20
−10
0
10
20
30


H.gtr.beta vs delta (PID cut)
hist_gtr_beta_delta_PID
Entries 0
Mean x 0
Mean y 0
Std Dev x 0
Std Dev y 0
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
−30
−20
−10
0
10
20
30


focal plane (PID & Delta cut)
hist_yfp_xfp_PID_delta
Entries 0
Mean x 0
Mean y 0
Std Dev x 0
Std Dev y 0
30
20
10
0
−10
−20
−30
−50
−40
−30
−20
−10
0
10
20
30
40
50


H.gtr.beta vs x_fp (PID & Delta cut)
hist_gtr_beta_xfp_PID_delta
Entries 0
Mean x 0
Mean y 0
Std Dev x 0
Std Dev y 0
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
−50
−40
−30
−20
−10
0
10
20
30
40
50


H.gtr.beta vs y_fp (PID & Delta cut)
hist_gtr_beta_yfp_PID_delta
Entries 0
Mean x 0
Mean y 0
Std Dev x 0
Std Dev y 0
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
−30
−20
−10
0
10
20
30


H.gtr.beta vs delta (PID & Delta cut)
hist_gtr_beta_delta_PID_delta
Entries 0
Mean x 0
Mean y 0
Std Dev x 0
Std Dev y 0
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
−30
−20
−10
0
10
20
30