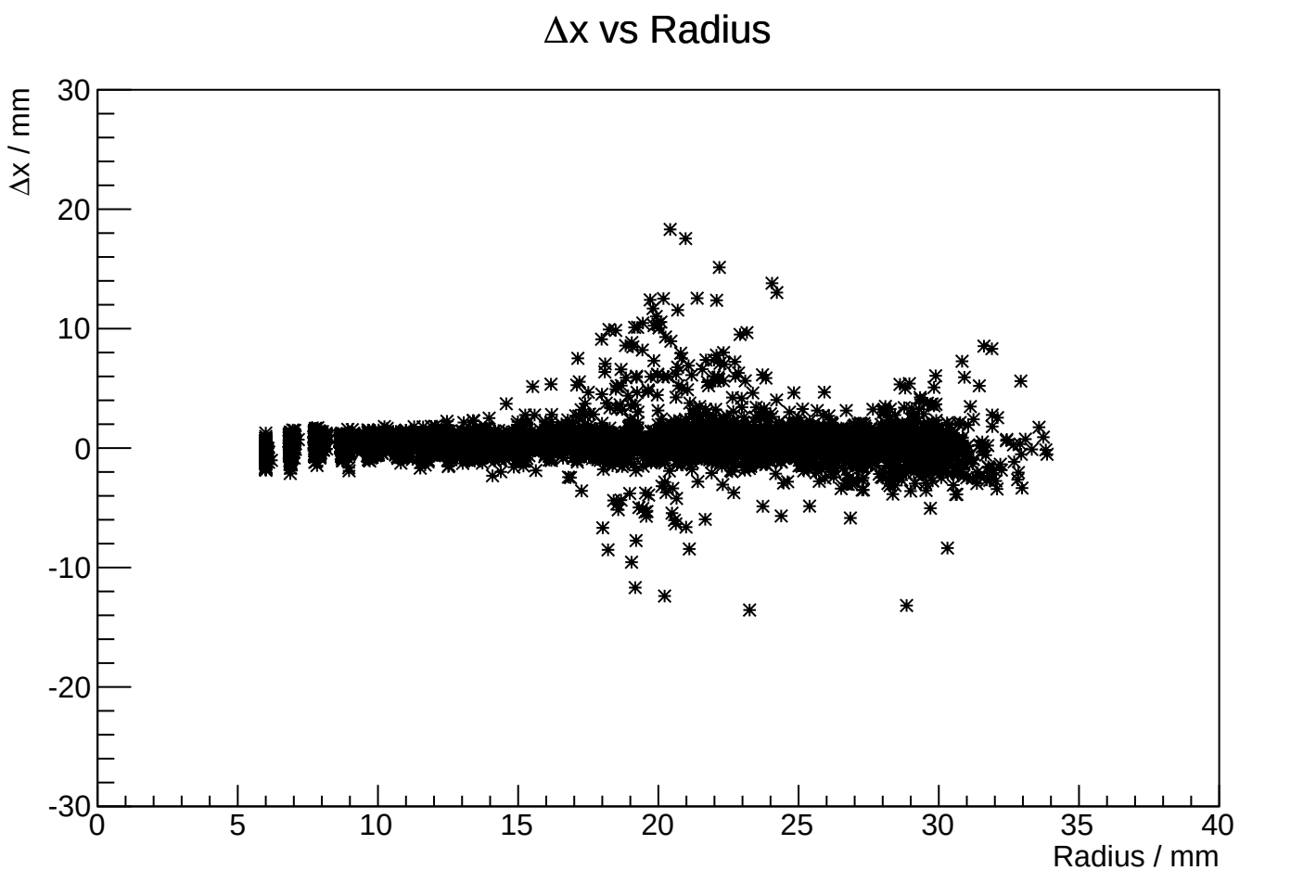
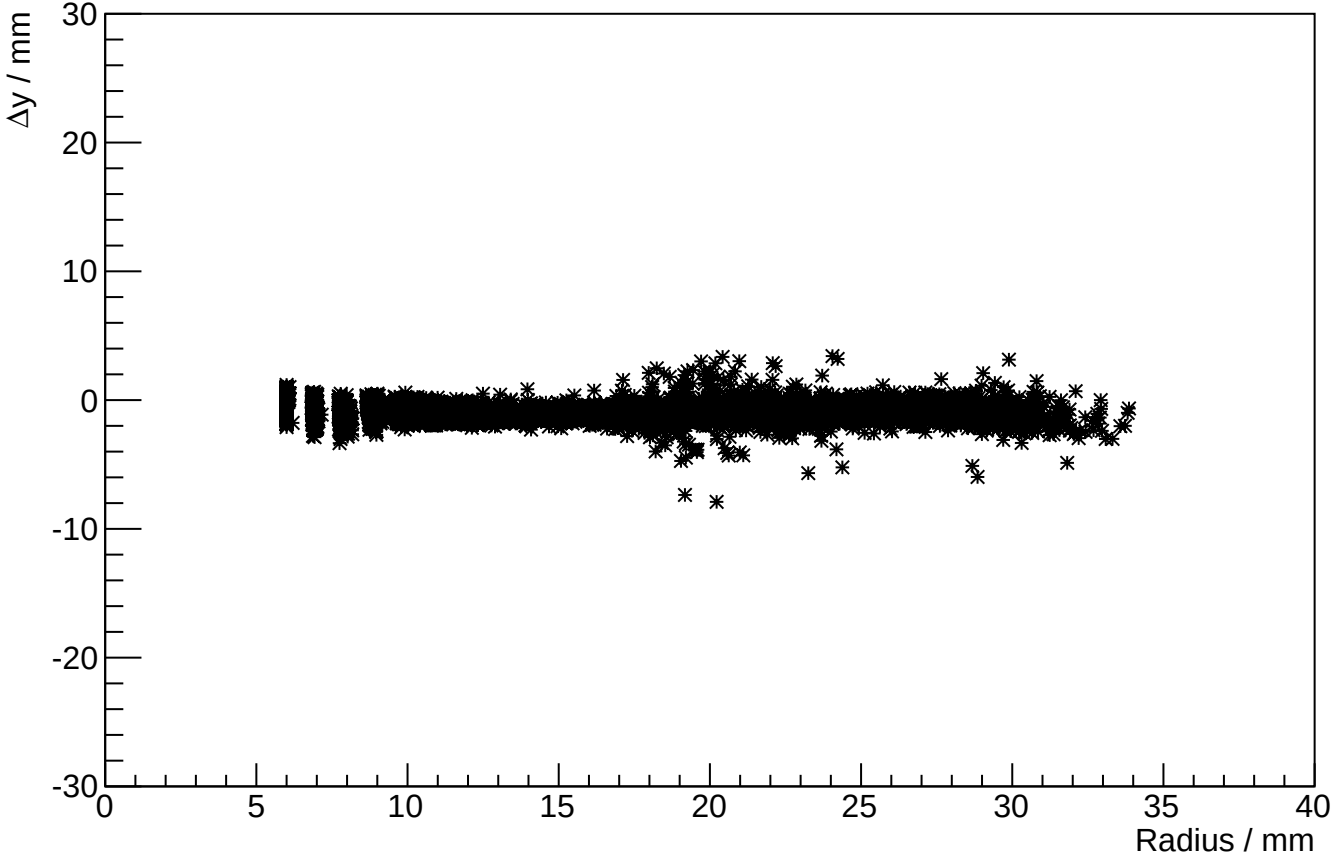
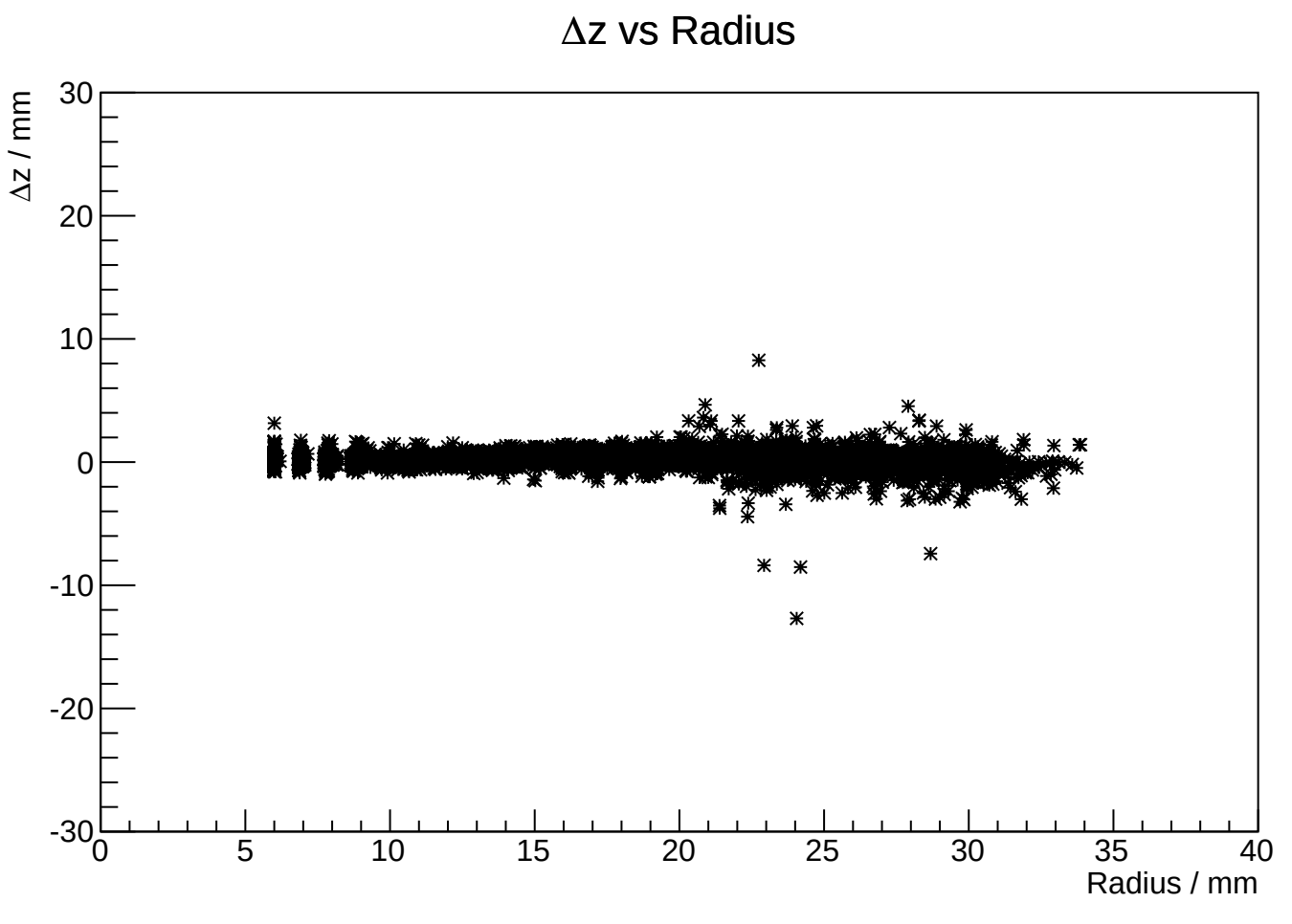
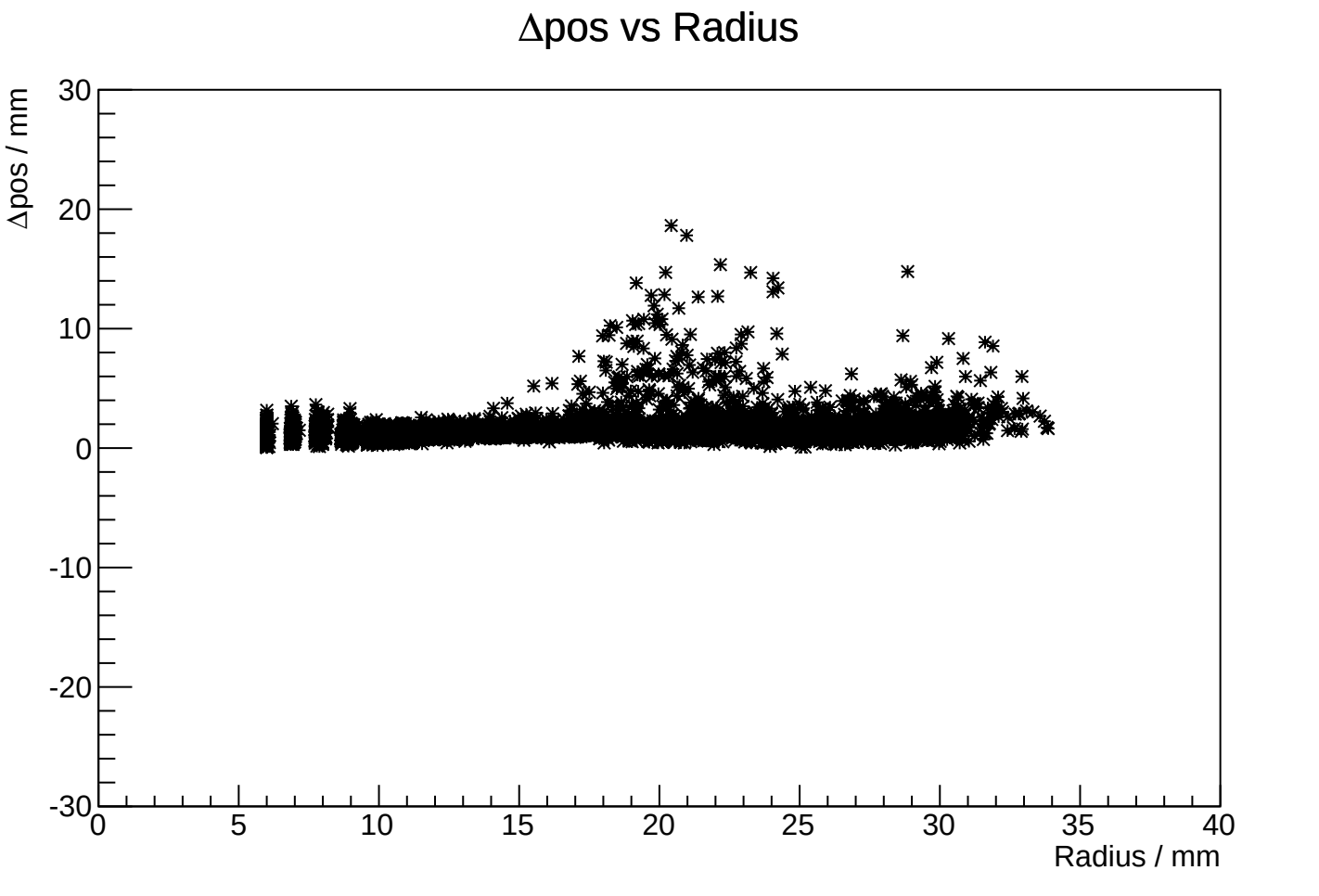
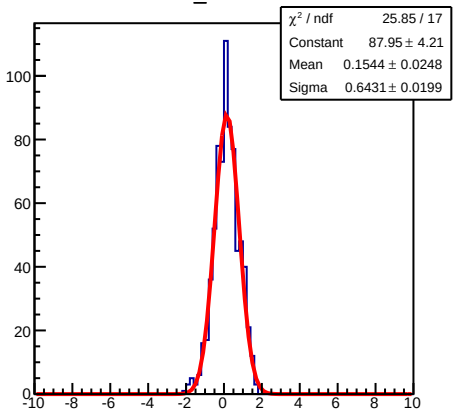
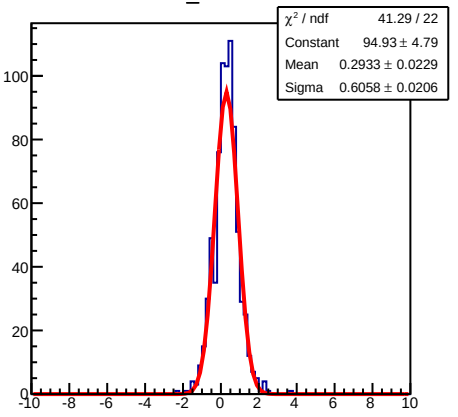

Δx vs Radius
Δx / mm
30
20
10
0
-10
-20
-30
0
5
10
15
20
25
30
35
40
Radius / mm

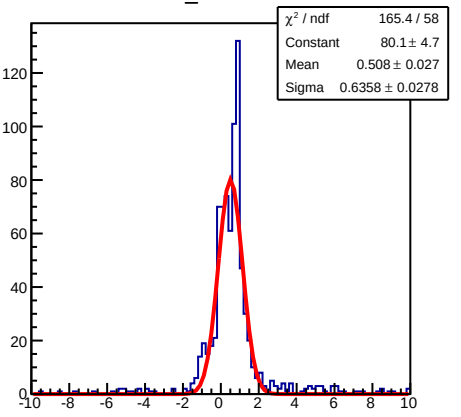

Δy vs Radius
Δy / mm
30
20
10
0
-10
-20
-30
0
5
10
15
20
25
30
35
40
Radius / mm

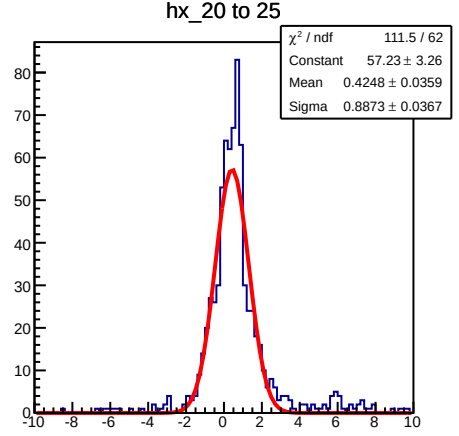

Δz vs Radius
Δz / mm
30
20
10
0
-10
-20
-30
0
5
10
15
20
25
30
35
40
Radius / mm

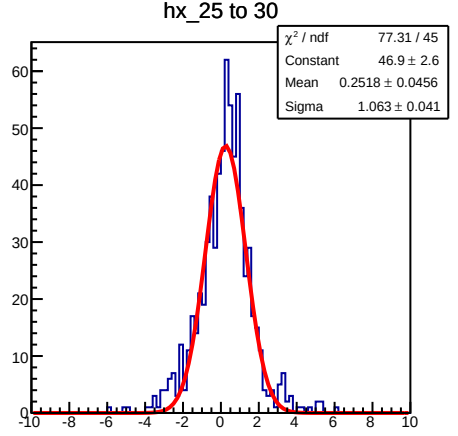

Δpos vs Radius
Δpos / mm
30
20
10
0
-10
-20
-30
0
5
10
15
20
25
30
35
40
Radius / mm

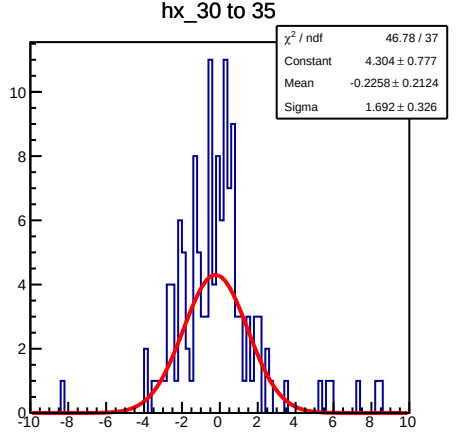

hx_5 to 10
χ² / ndf 25.85 / 17
Constant 87.95 ± 4.21
Mean 0.1544 ± 0.0248
Sigma 0.6431 ± 0.0199

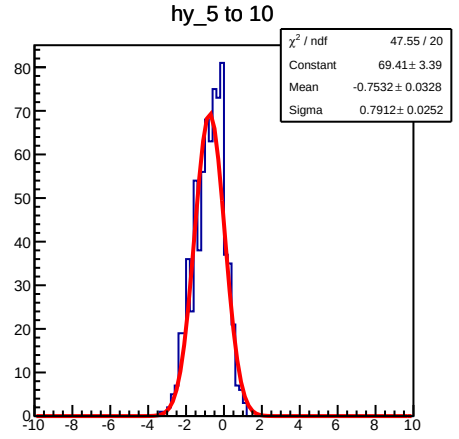

hx_10 to 15
χ² / ndf 41.29 / 22
Constant 94.93 ± 4.79
Mean 0.2933 ± 0.0229
Sigma 0.6058 ± 0.0206

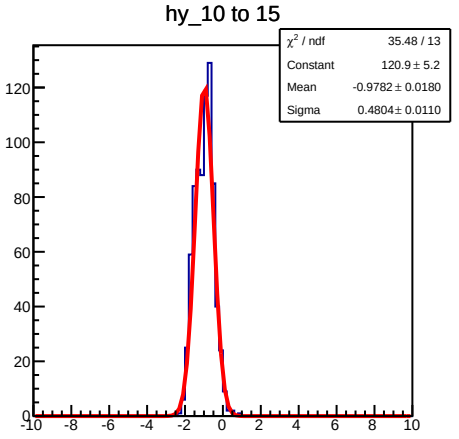

hx_15 to 20
χ² / ndf 165.4 / 58
Constant 80.1 ± 4.7
Mean 0.508 ± 0.027
Sigma 0.6358 ± 0.0278

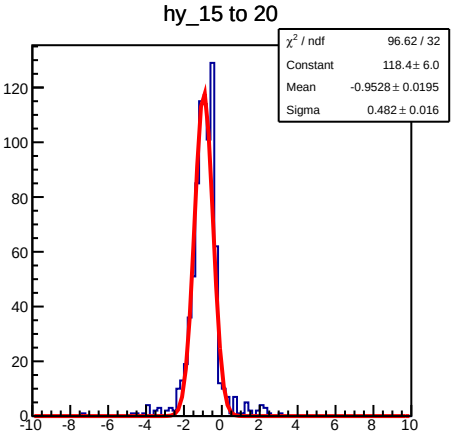

hx_20 to 25
χ² / ndf 111.5 / 62
Constant 57.23 ± 3.26
Mean 0.4248 ± 0.0359
Sigma 0.8873 ± 0.0367

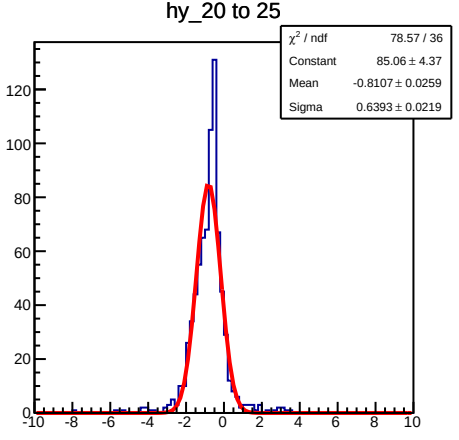

hx_25 to 30
χ² / ndf 77.31 / 45
Constant 46.9 ± 2.6
Mean 0.2518 ± 0.0456
Sigma 1.063 ± 0.041

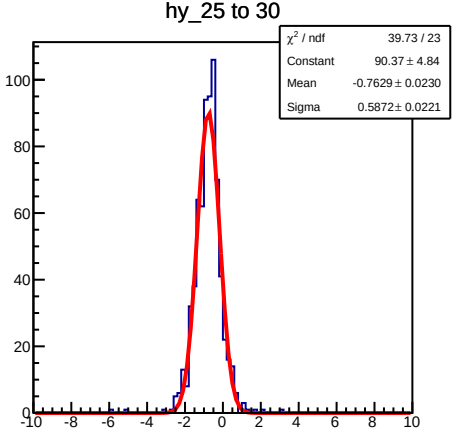

hx_30 to 35
χ² / ndf 46.78 / 37
Constant 4.304 ± 0.777
Mean -0.2258 ± 0.2124
Sigma 1.692 ± 0.326

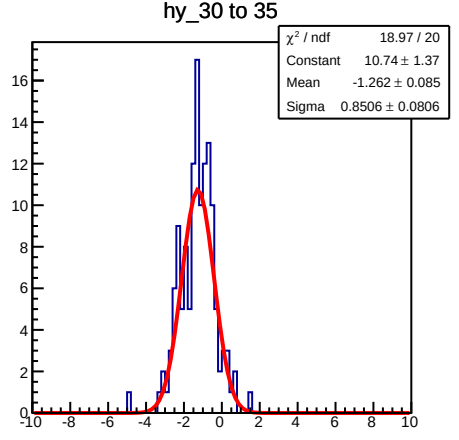

hy_5 to 10
χ² / ndf 47.55 / 20
Constant 69.41 ± 3.39
Mean -0.7532 ± 0.0328
Sigma 0.7912 ± 0.0252

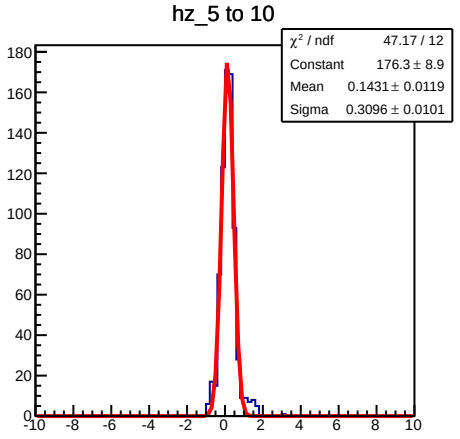

hy_10 to 15
χ² / ndf 35.48 / 13
Constant 120.9 ± 5.2
Mean -0.9782 ± 0.0180
Sigma 0.4804 ± 0.0110

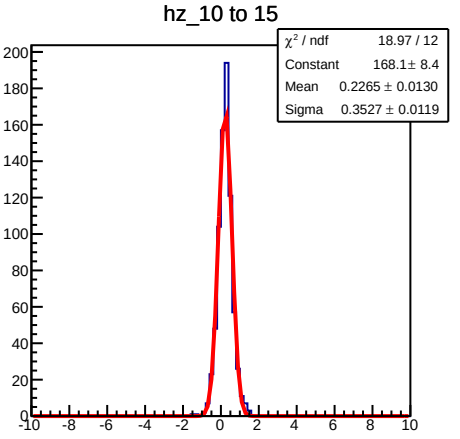

hy_15 to 20
χ² / ndf 96.62 / 32
Constant 118.4 ± 6.0
Mean -0.9528 ± 0.0195
Sigma 0.482 ± 0.016

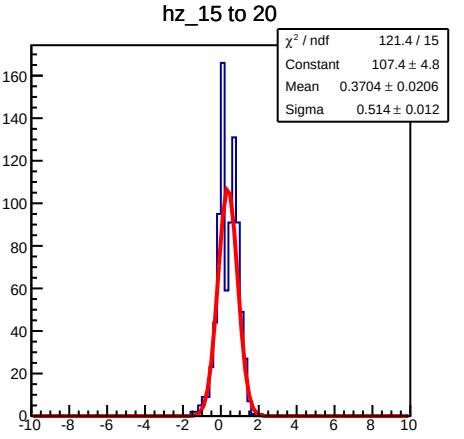

hy_20 to 25
χ² / ndf 78.57 / 36
Constant 85.06 ± 4.37
Mean -0.8107 ± 0.0259
Sigma 0.6393 ± 0.0219

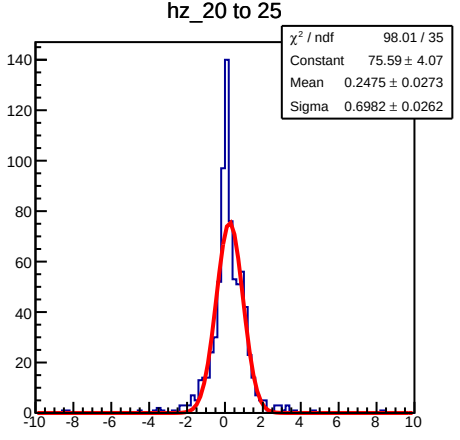

hy_25 to 30
χ² / ndf 39.73 / 23
Constant 90.37 ± 4.84
Mean -0.7629 ± 0.0230
Sigma 0.5872 ± 0.0221

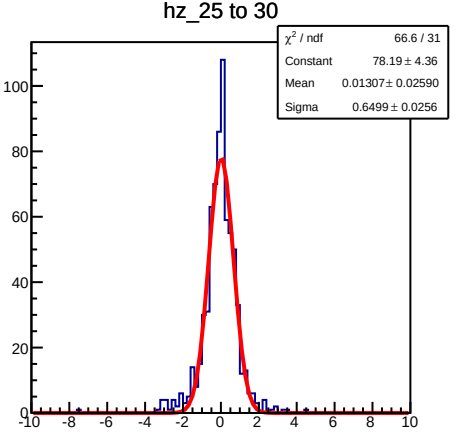

hy_30 to 35
χ² / ndf 18.97 / 20
Constant 10.74 ± 1.37
Mean -1.262 ± 0.085
Sigma 0.8506 ± 0.0806

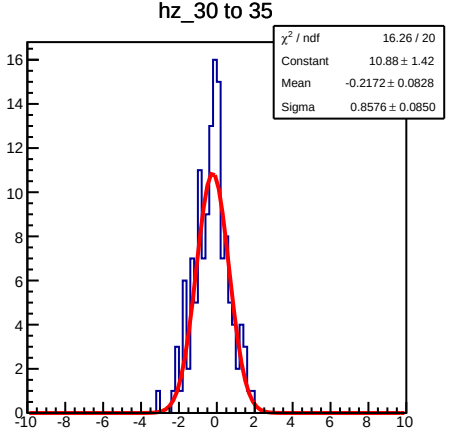

hz_5 to 10
χ² / ndf 47.17 / 12
Constant 176.3 ± 8.9
Mean 0.1431 ± 0.0119
Sigma 0.3096 ± 0.0101

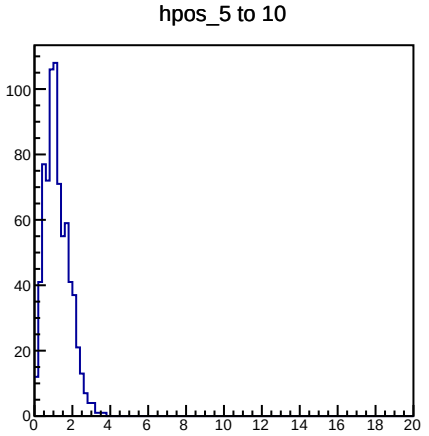

hz_10 to 15
χ² / ndf 18.97 / 12
Constant 168.1 ± 8.4
Mean 0.2265 ± 0.0130
Sigma 0.3527 ± 0.0119

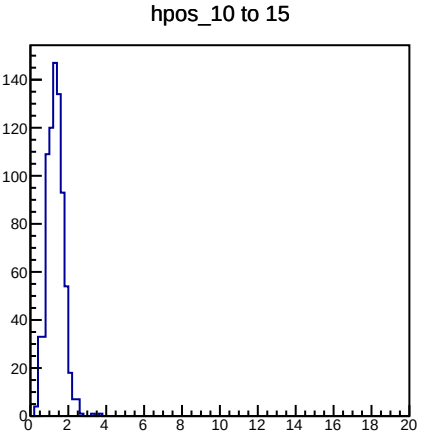

hz_15 to 20
χ² / ndf 121.4 / 15
Constant 107.4 ± 4.8
Mean 0.3704 ± 0.0206
Sigma 0.514 ± 0.012

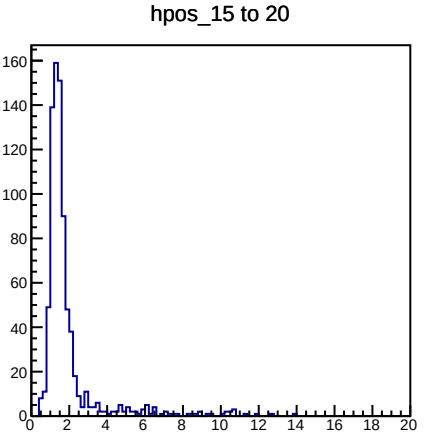

hz_20 to 25
χ² / ndf 98.01 / 35
Constant 75.59 ± 4.07
Mean 0.2475 ± 0.0273
Sigma 0.6982 ± 0.0262

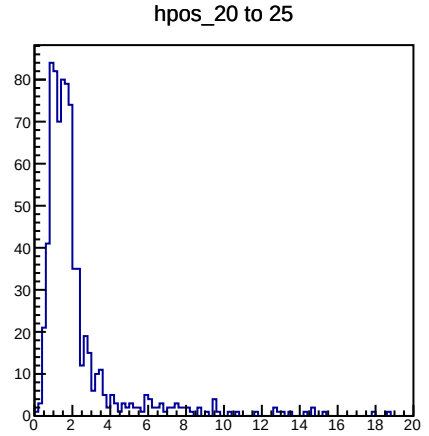

hz_25 to 30
χ² / ndf 66.6 / 31
Constant 78.19 ± 4.36
Mean 0.01307 ± 0.02590
Sigma 0.6499 ± 0.0256

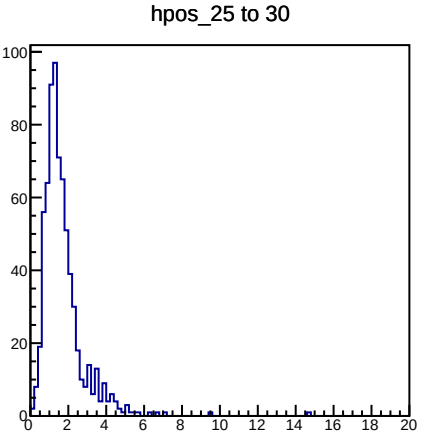

hz_30 to 35
χ² / ndf 16.26 / 20
Constant 10.88 ± 1.42
Mean -0.2172 ± 0.0828
Sigma 0.8576 ± 0.0850

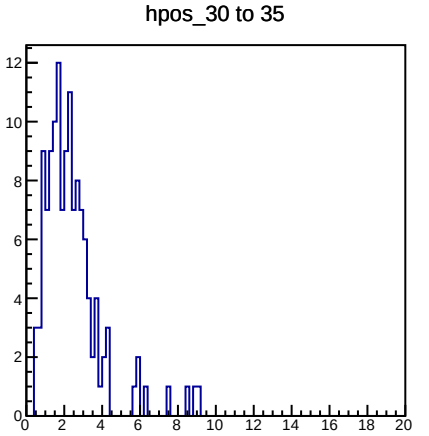

hpos_5 to 10


hpos_10 to 15


hpos_15 to 20


hpos_20 to 25


hpos_25 to 30


hpos_30 to 35