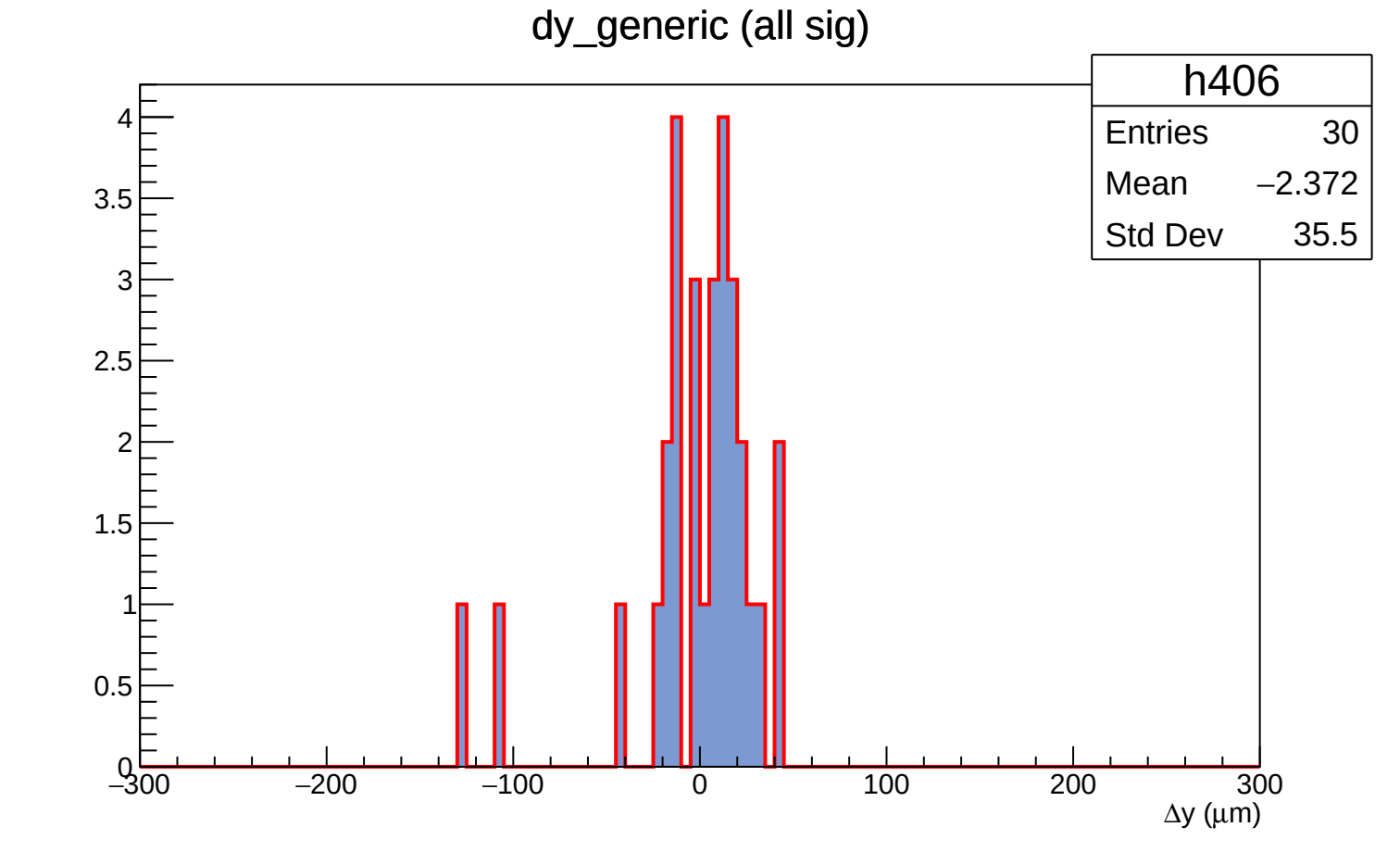
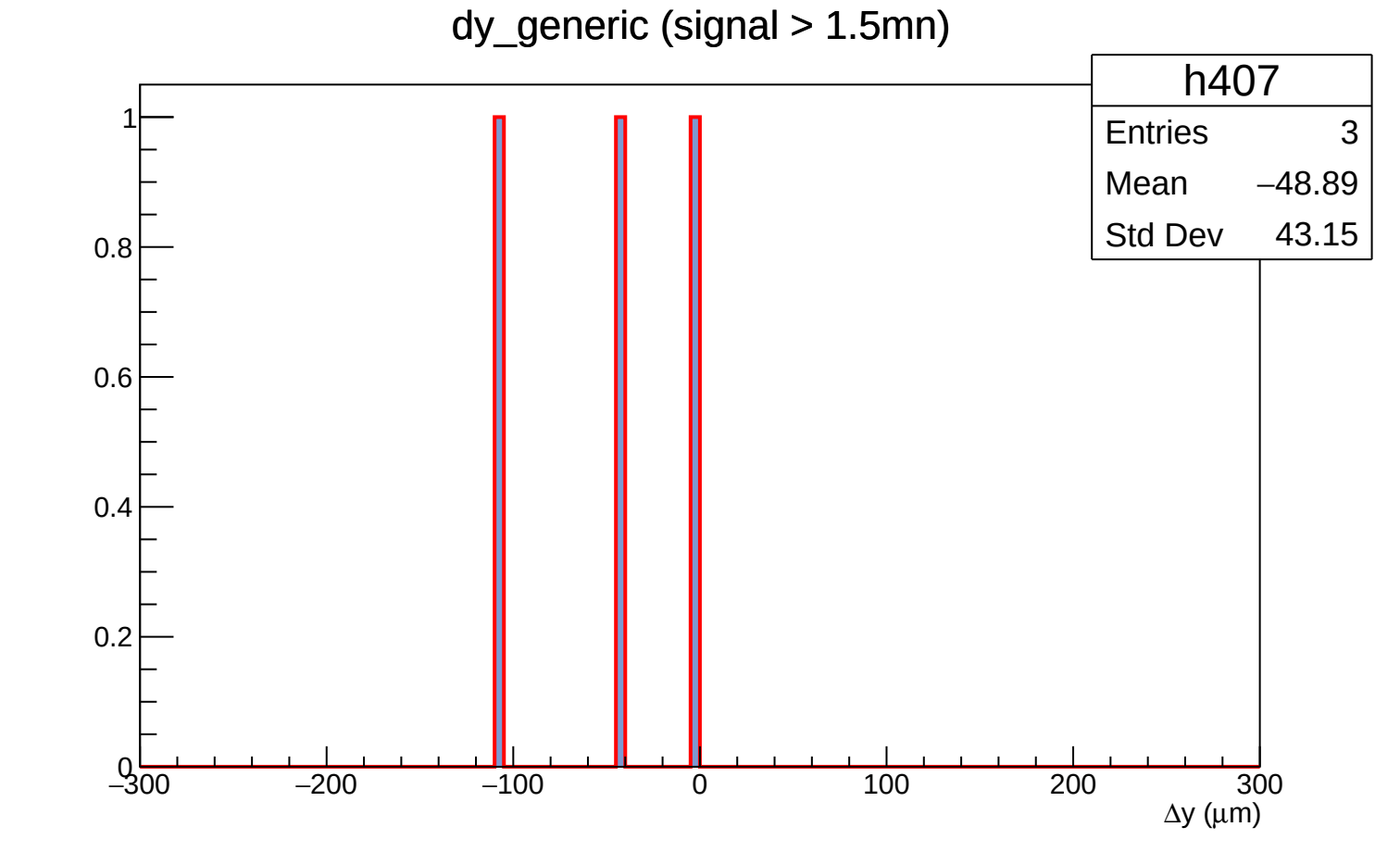
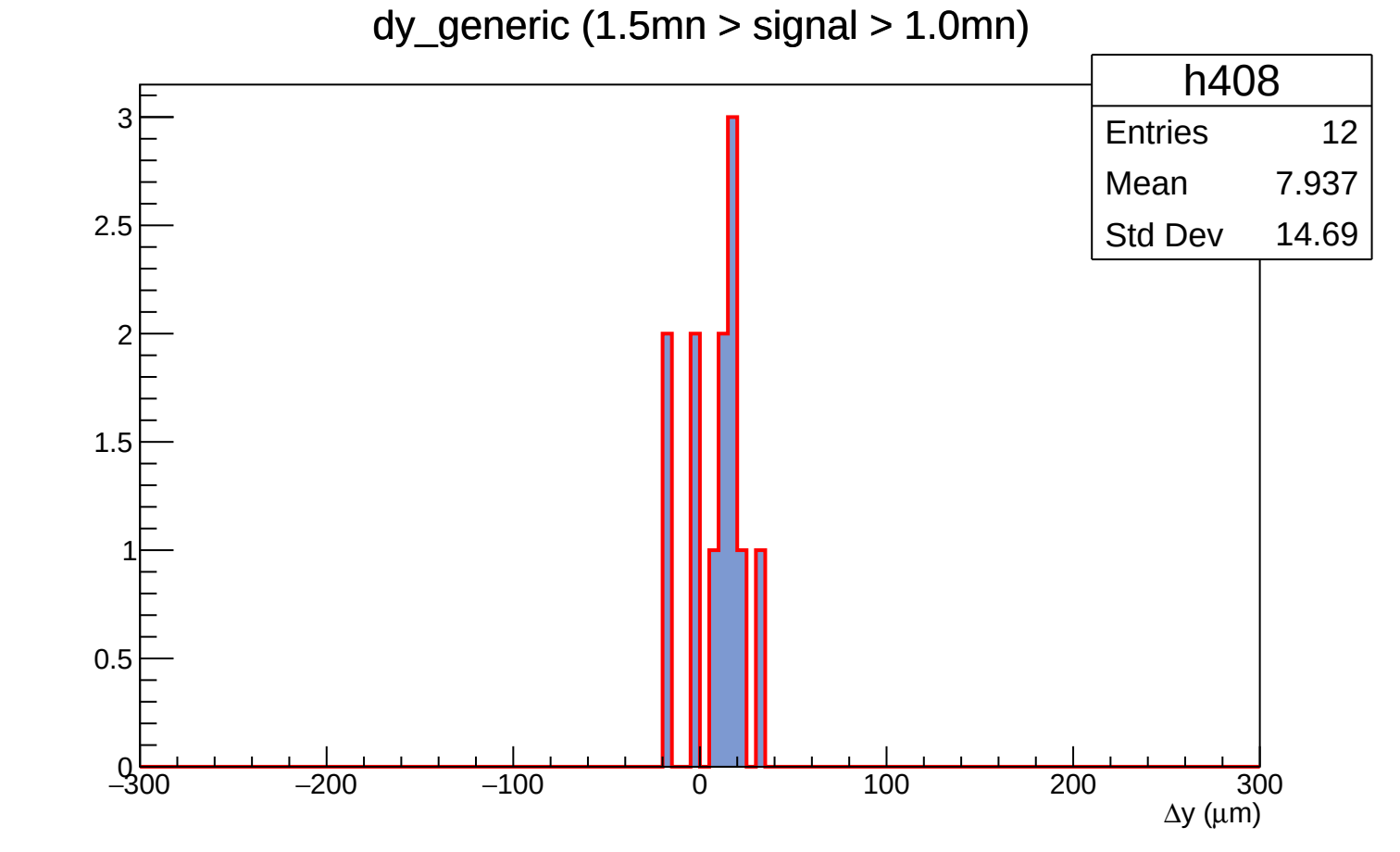
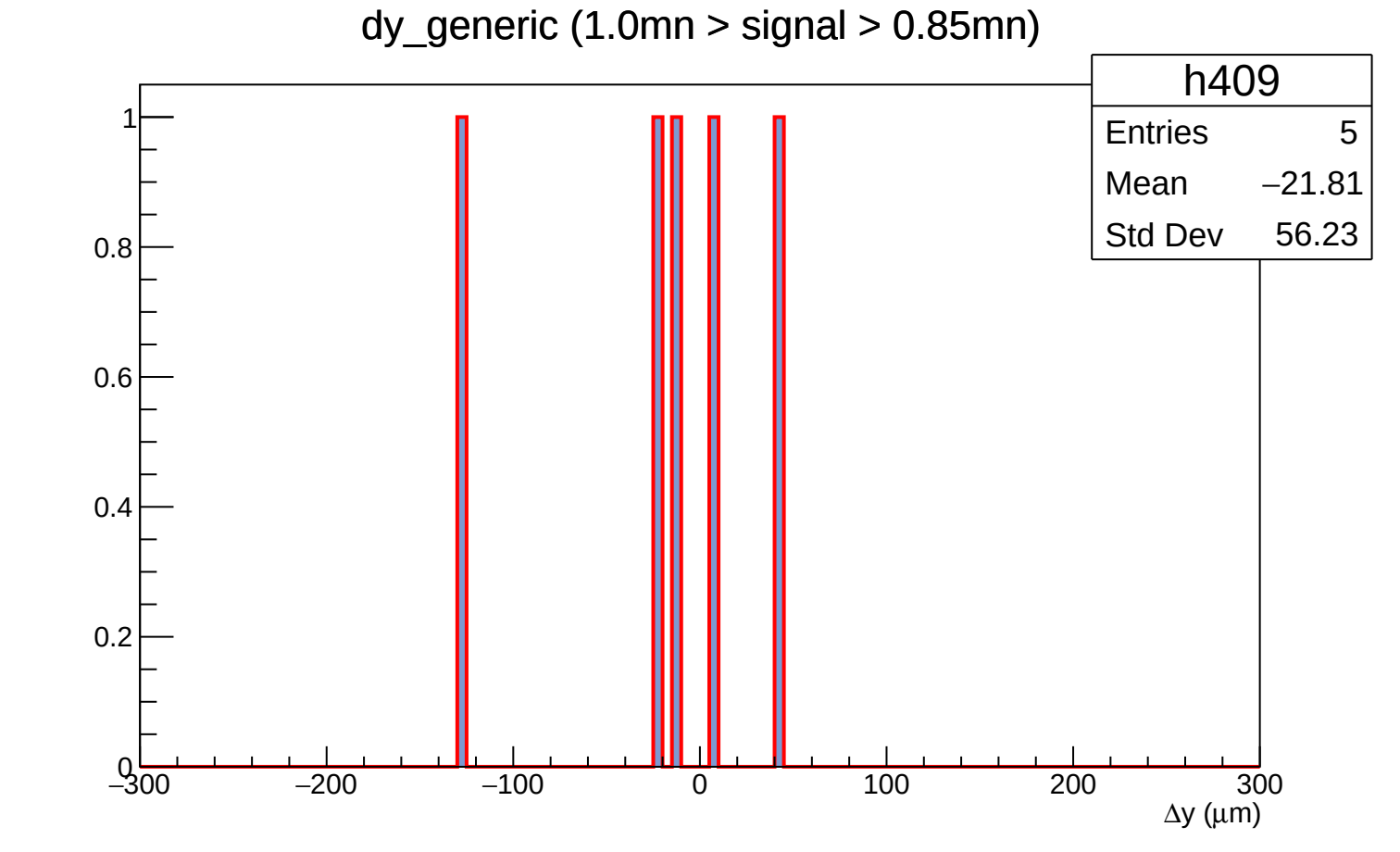
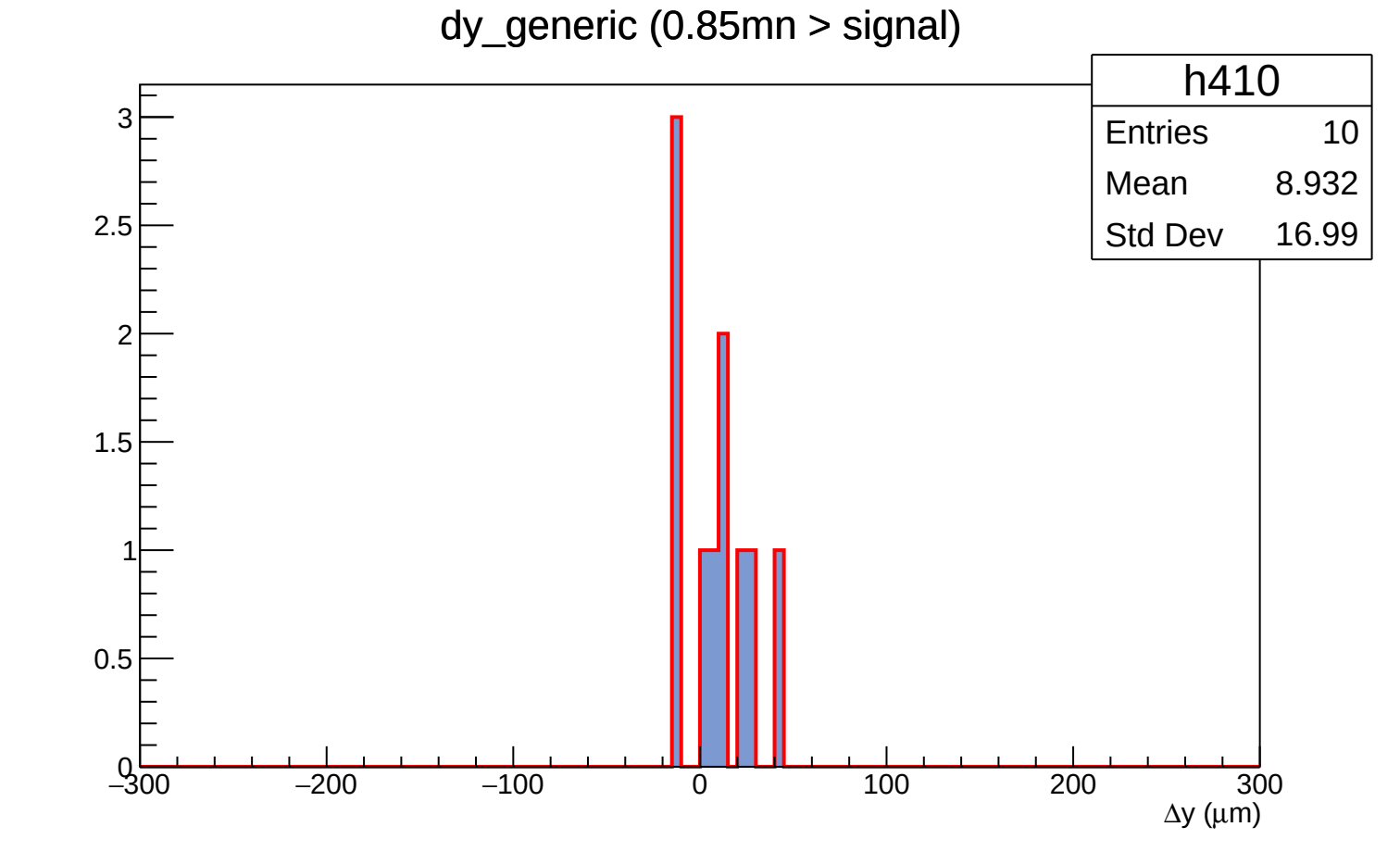
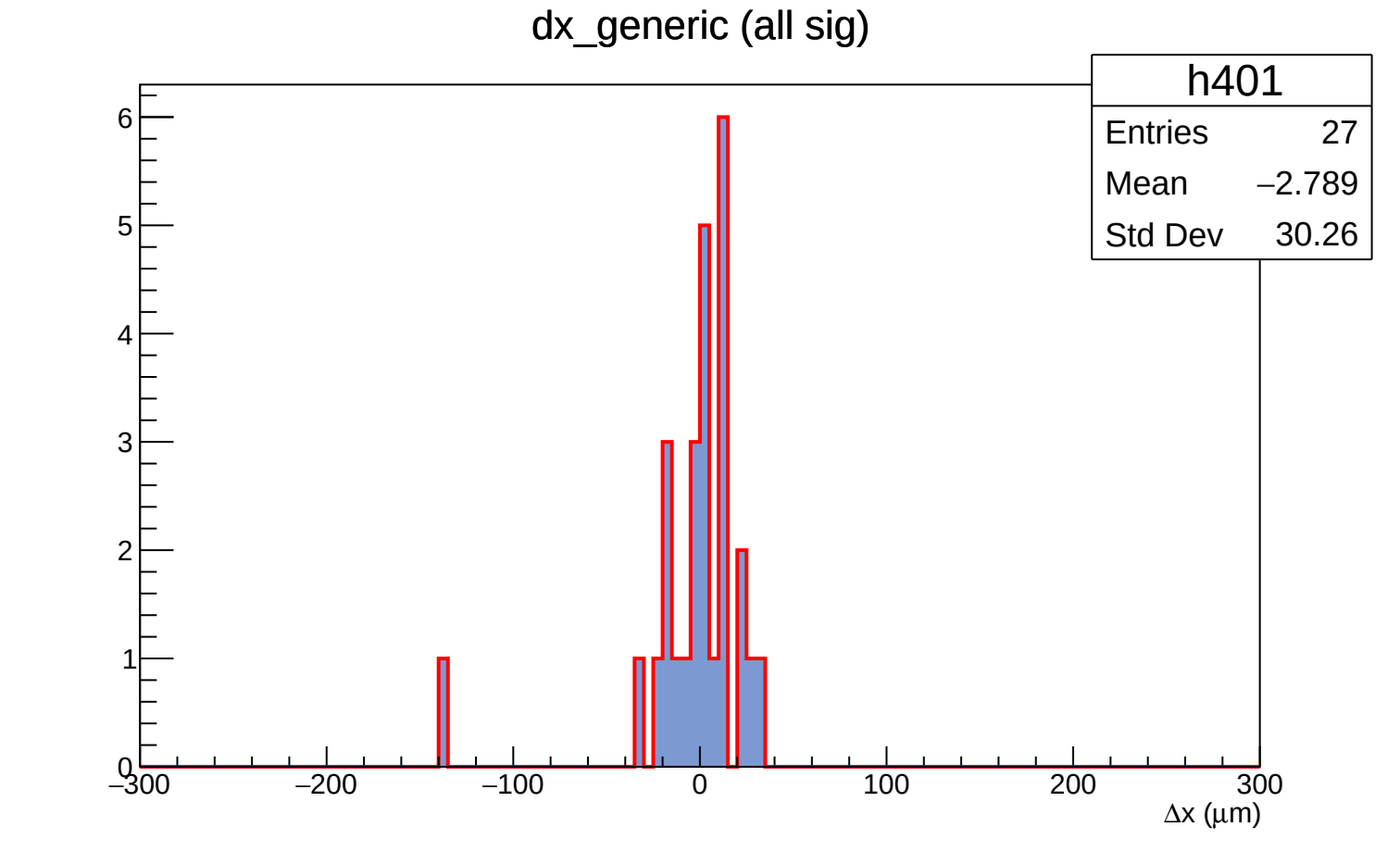

dy_generic (all sig)
h406
Entries 30
Mean −2.372
Std Dev 35.5
4
3.5
3
2.5
2
1.5
1
0.5
0
−300
−200
−100
0
100
200
300
Δy (μm)

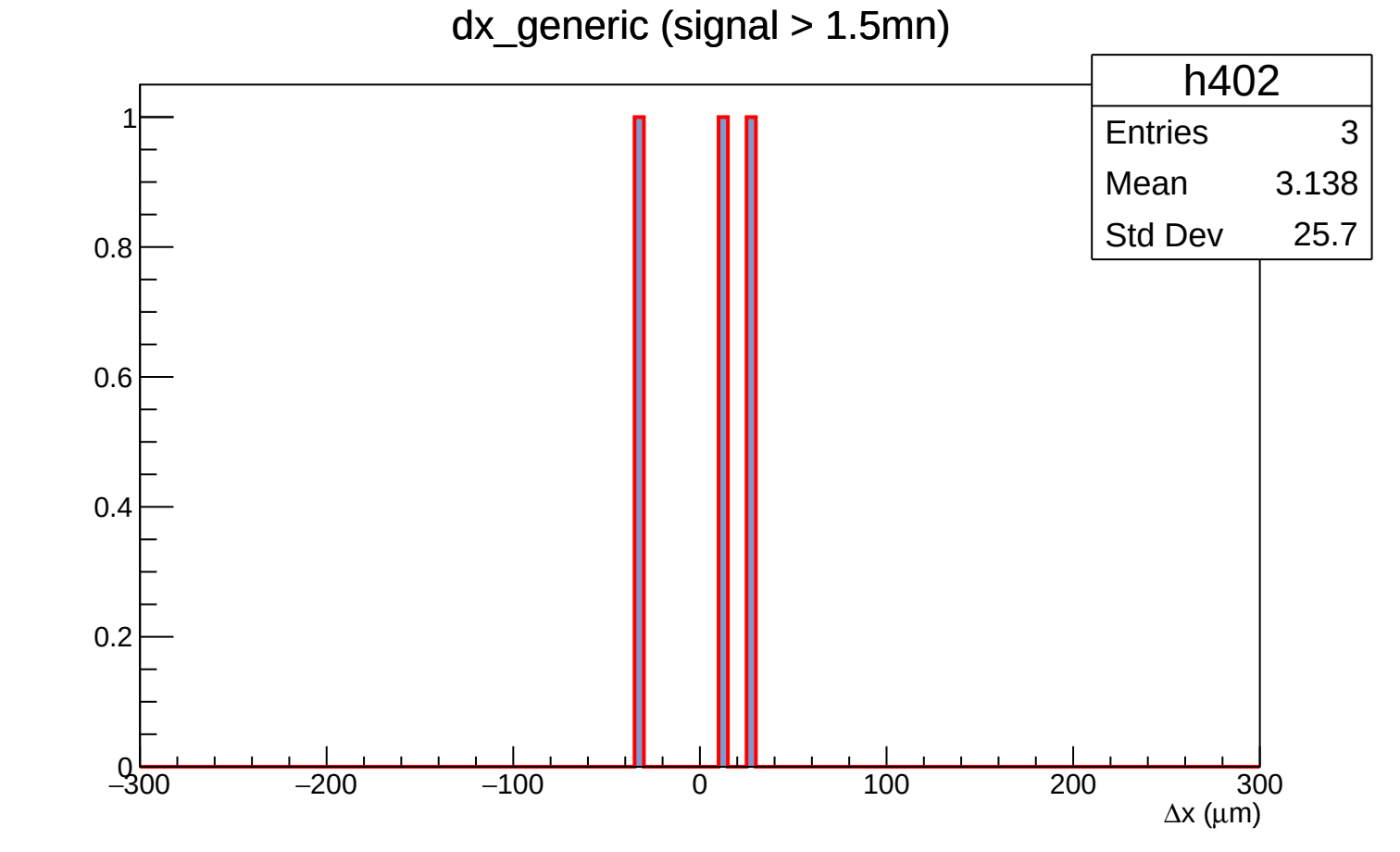

dy_generic (signal > 1.5mn)
h407
Entries 3
Mean –48.89
Std Dev 43.15
1
0.8
0.6
0.4
0.2
0
–300
–200
–100
0
100
200
300
Δy (μm)

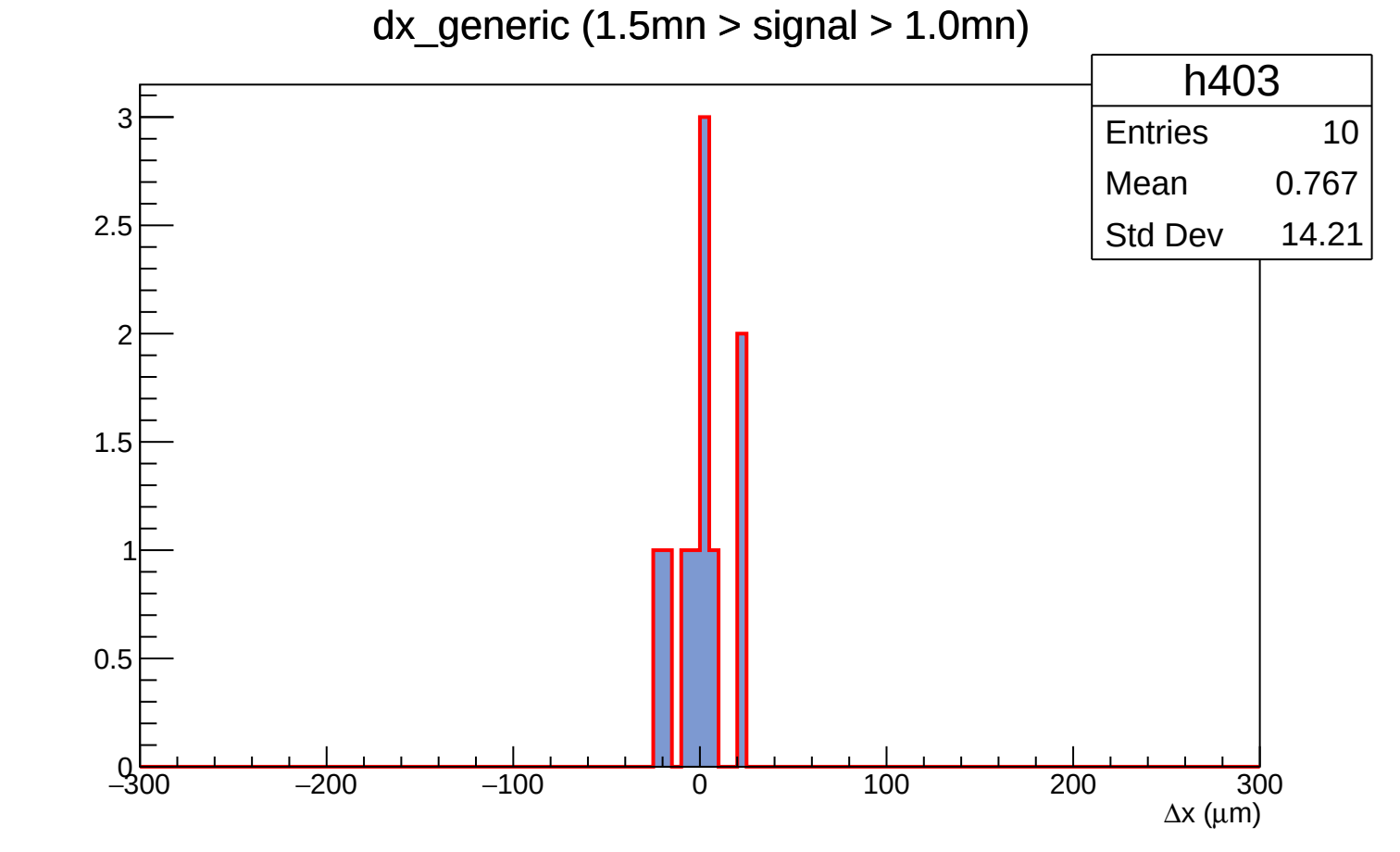

dy_generic (1.5mn > signal > 1.0mn)
h408
Entries 12
Mean 7.937
Std Dev 14.69
3
2.5
2
1.5
1
0.5
0
–300
–200
–100
0
100
200
300
Δy (μm)

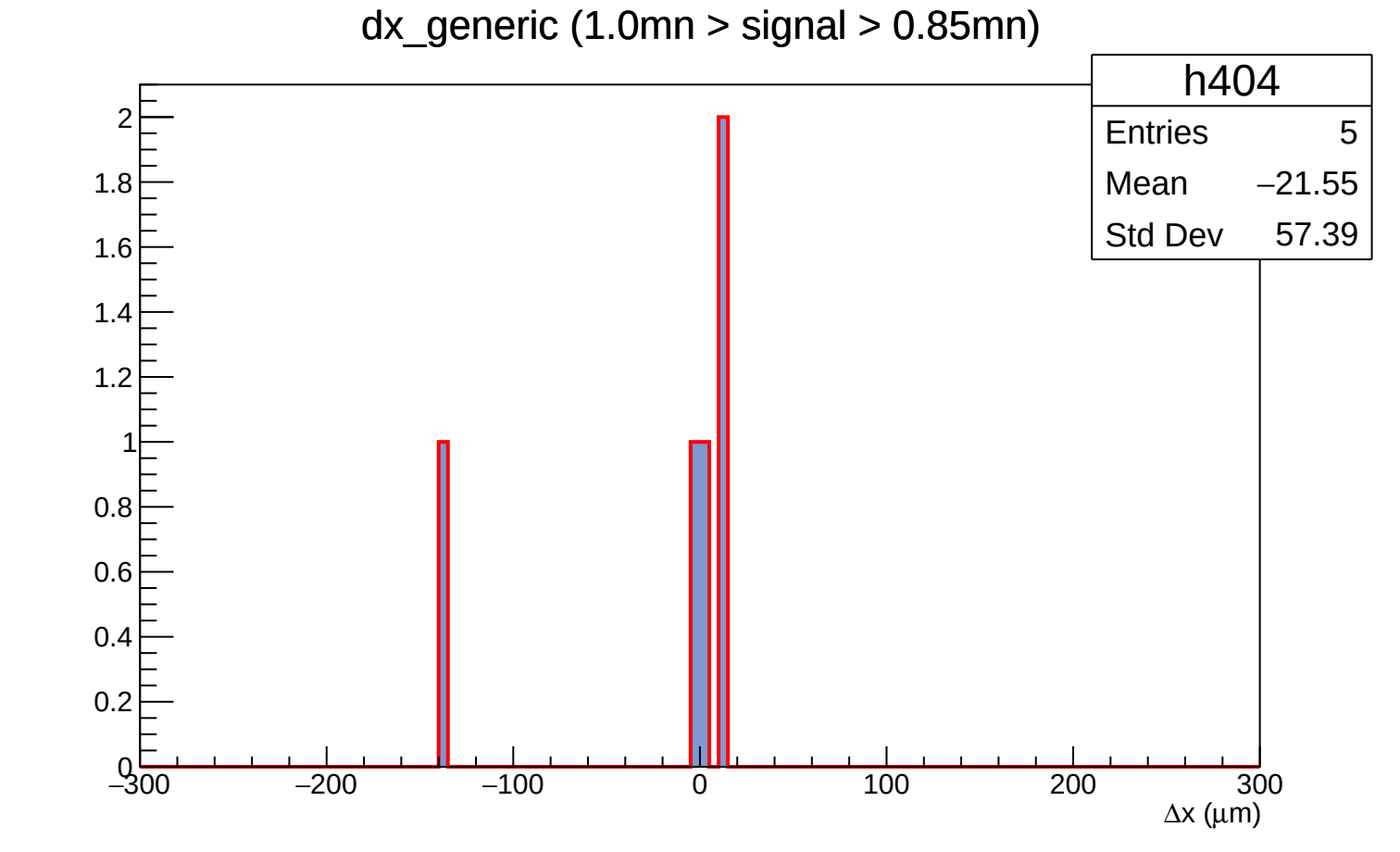

dy_generic (1.0mn > signal > 0.85mn)
h409
Entries 5
Mean −21.81
Std Dev 56.23
1
0.8
0.6
0.4
0.2
0
−300
−200
−100
0
100
200
300
Δy (μm)

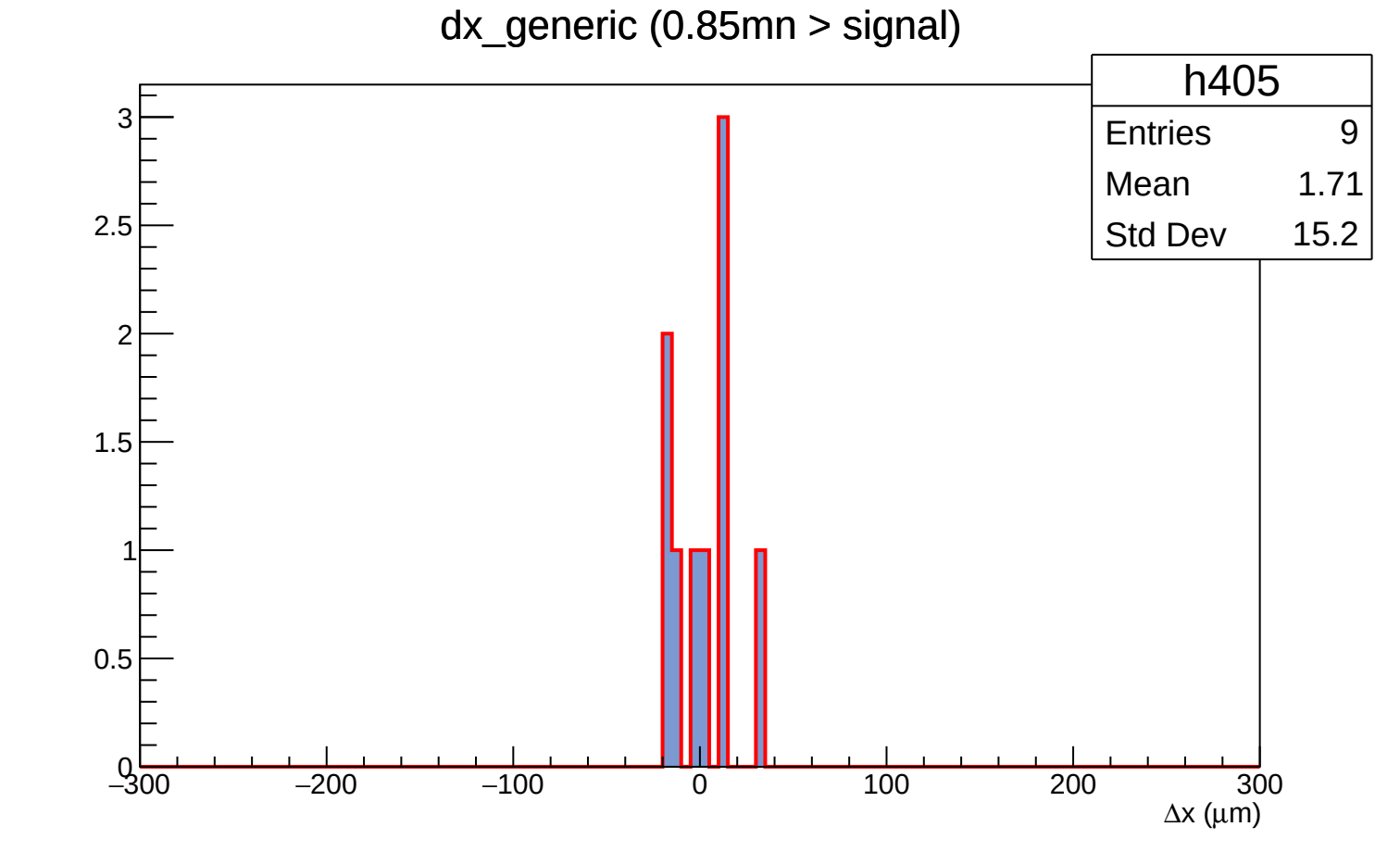

dy_generic (0.85mn > signal)
h410
Entries 10
Mean 8.932
Std Dev 16.99
3
2.5
2
1.5
1
0.5
0
–300
–200
–100
0
100
200
300
Δy (μm)

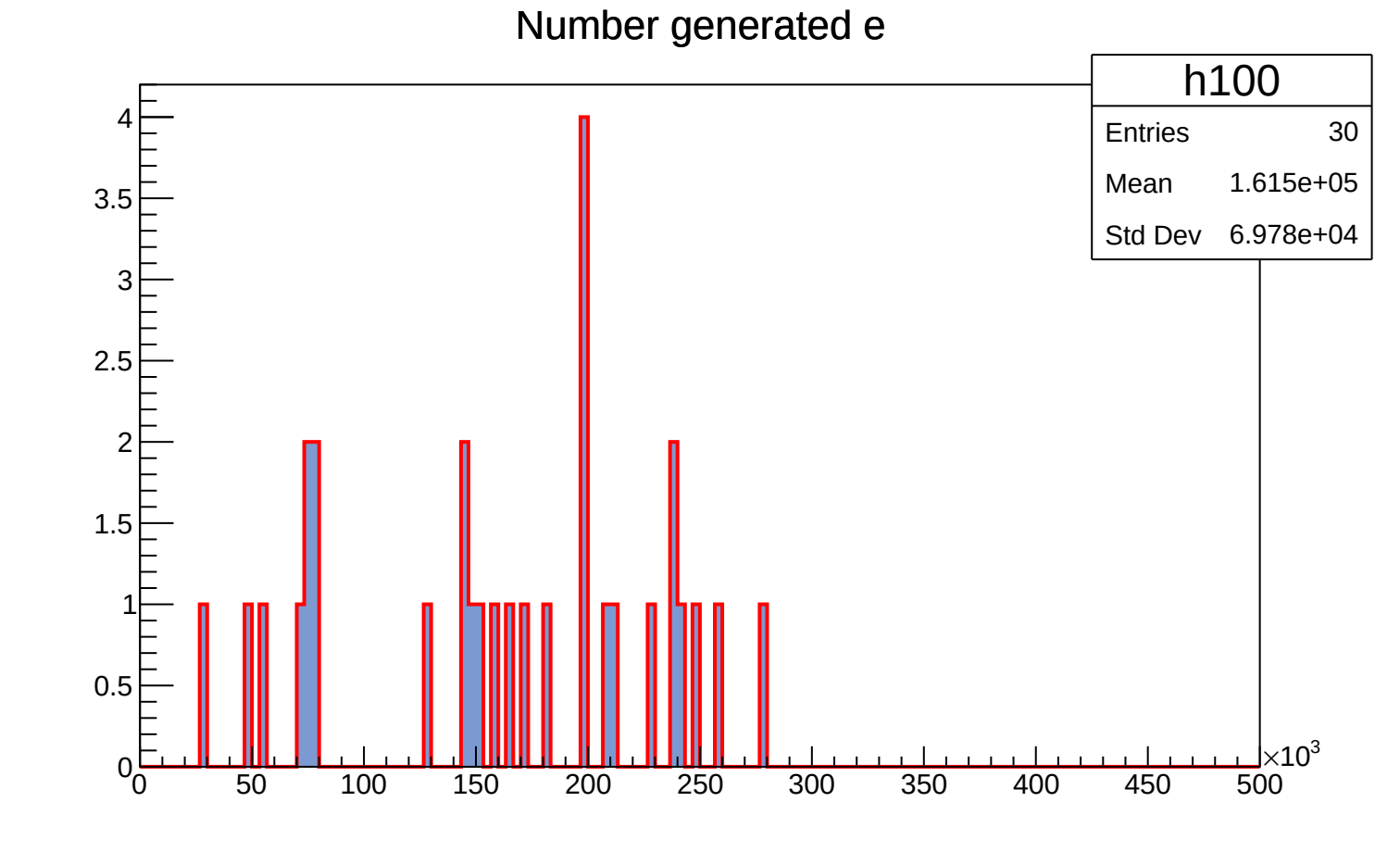

dx_generic (all sig)
h401
Entries 27
Mean −2.789
Std Dev 30.26
0
1
2
3
4
5
6
−300
−200
−100
0
100
200
300
Δx (μm)

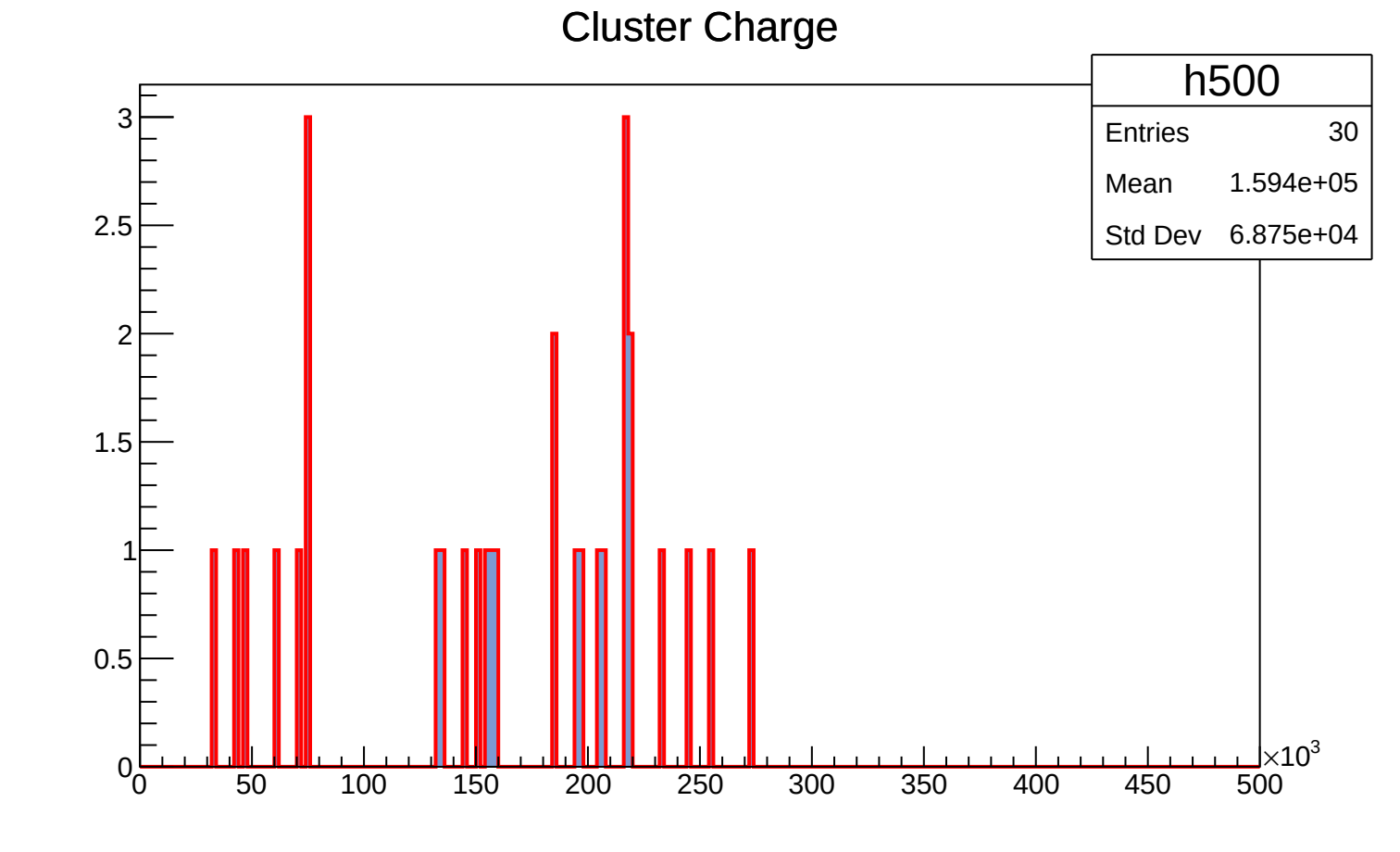

dx_generic (signal > 1.5mn)
h402
Entries 3
Mean 3.138
Std Dev 25.7
1
0.8
0.6
0.4
0.2
0
–300
–200
–100
0
100
200
300
Δx (μm)

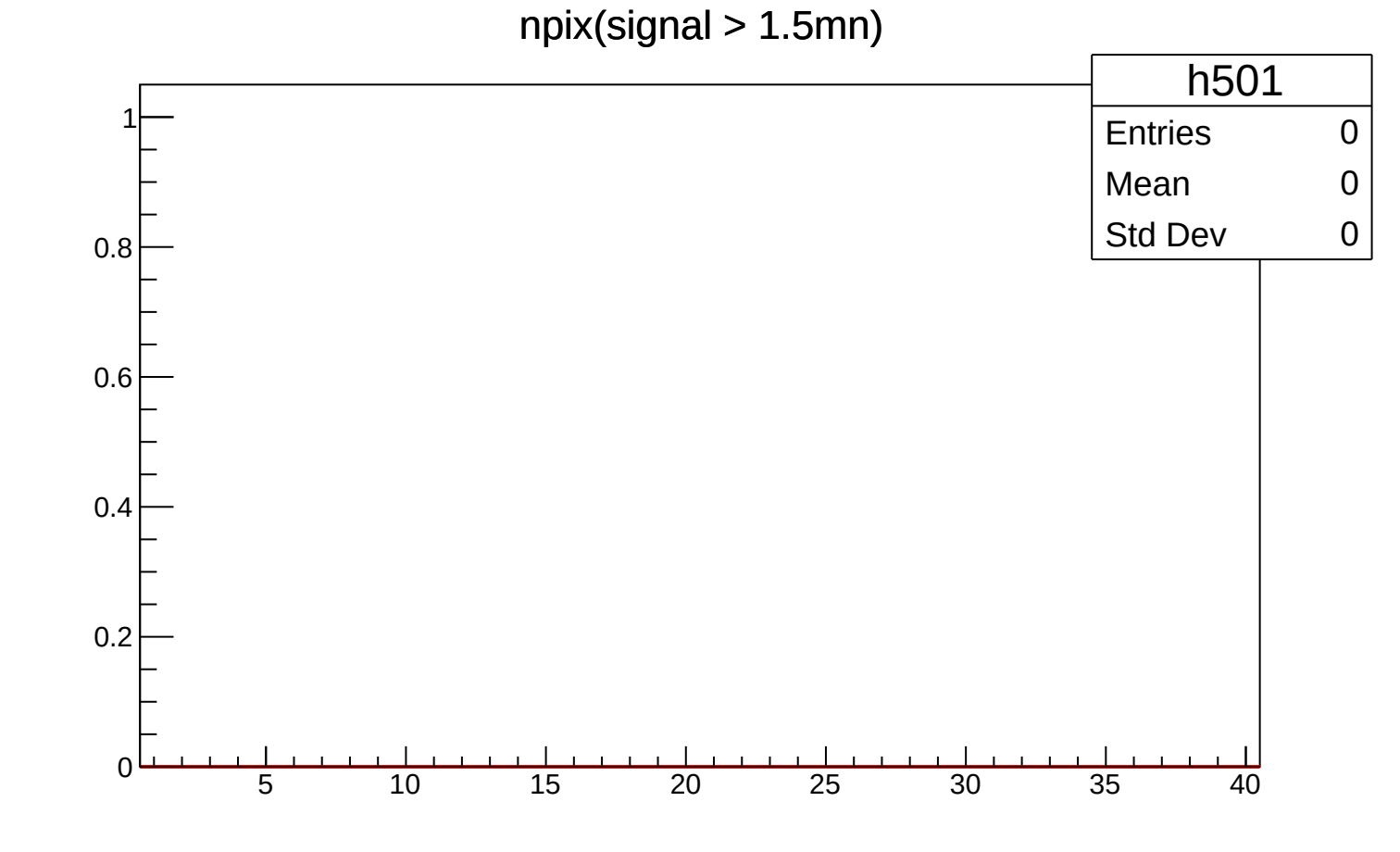

dx_generic (1.5mn > signal > 1.0mn)
h403
Entries 10
Mean 0.767
Std Dev 14.21
3
2.5
2
1.5
1
0.5
0
–300
–200
–100
0
100
200
300
Δx (μm)

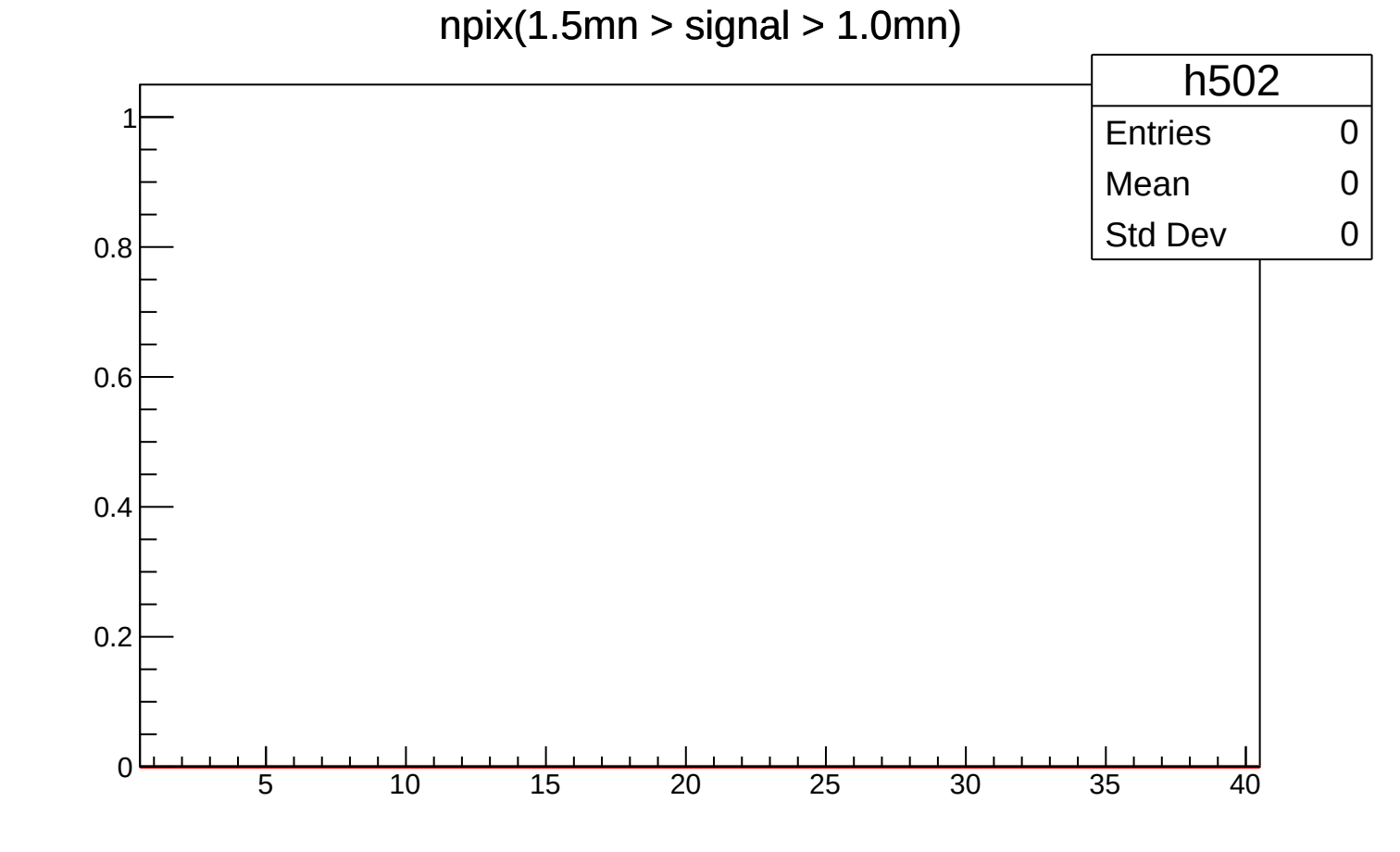

dx_generic (1.0mn > signal > 0.85mn)
h404
Entries 5
Mean −21.55
Std Dev 57.39
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−300
−200
−100
0
100
200
300
Δx (μm)

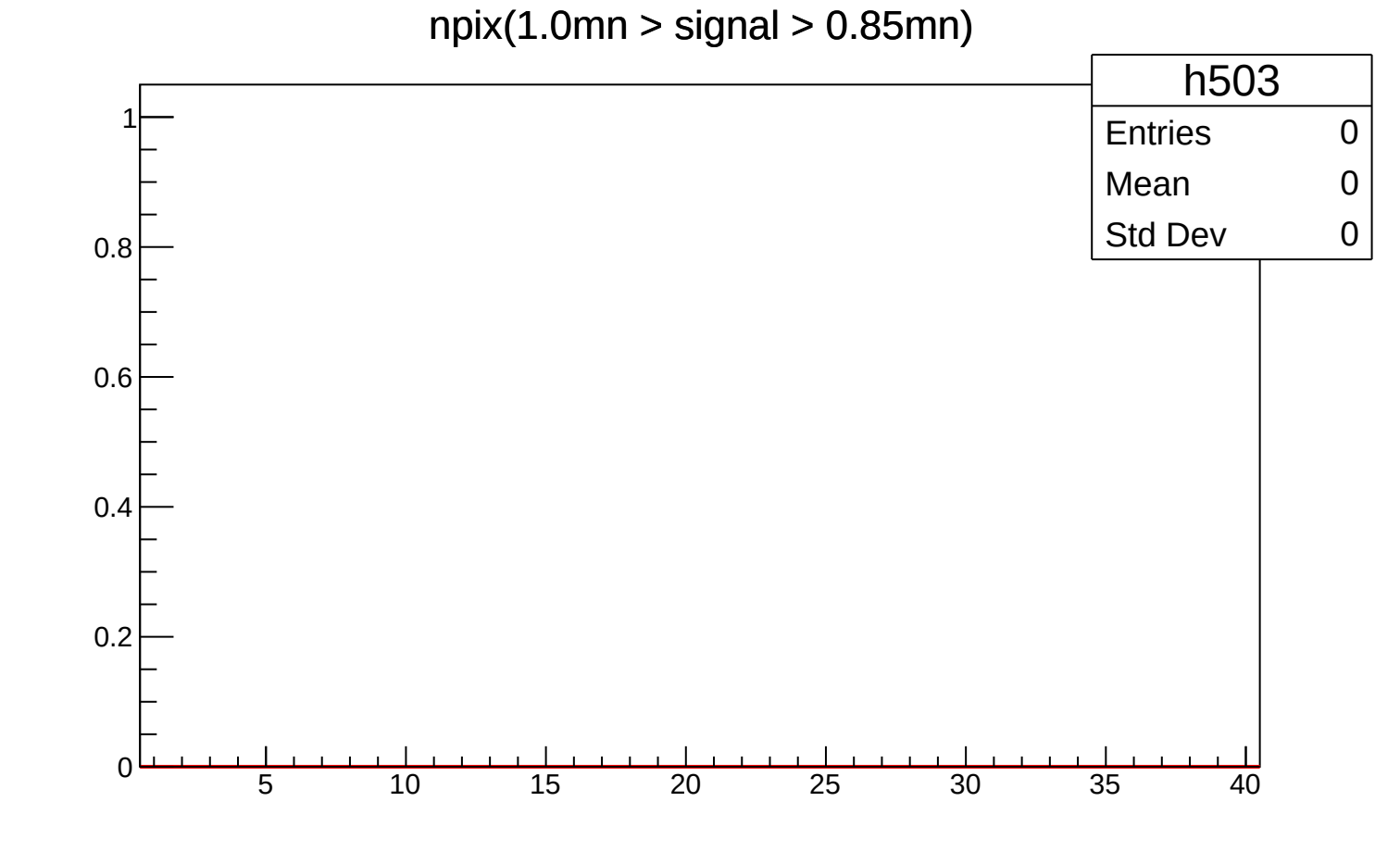

dx_generic (0.85mn > signal)
h405
Entries 9
Mean 1.71
Std Dev 15.2
3
2.5
2
1.5
1
0.5
0
−300
−200
−100
0
100
200
300
Δx (μm)

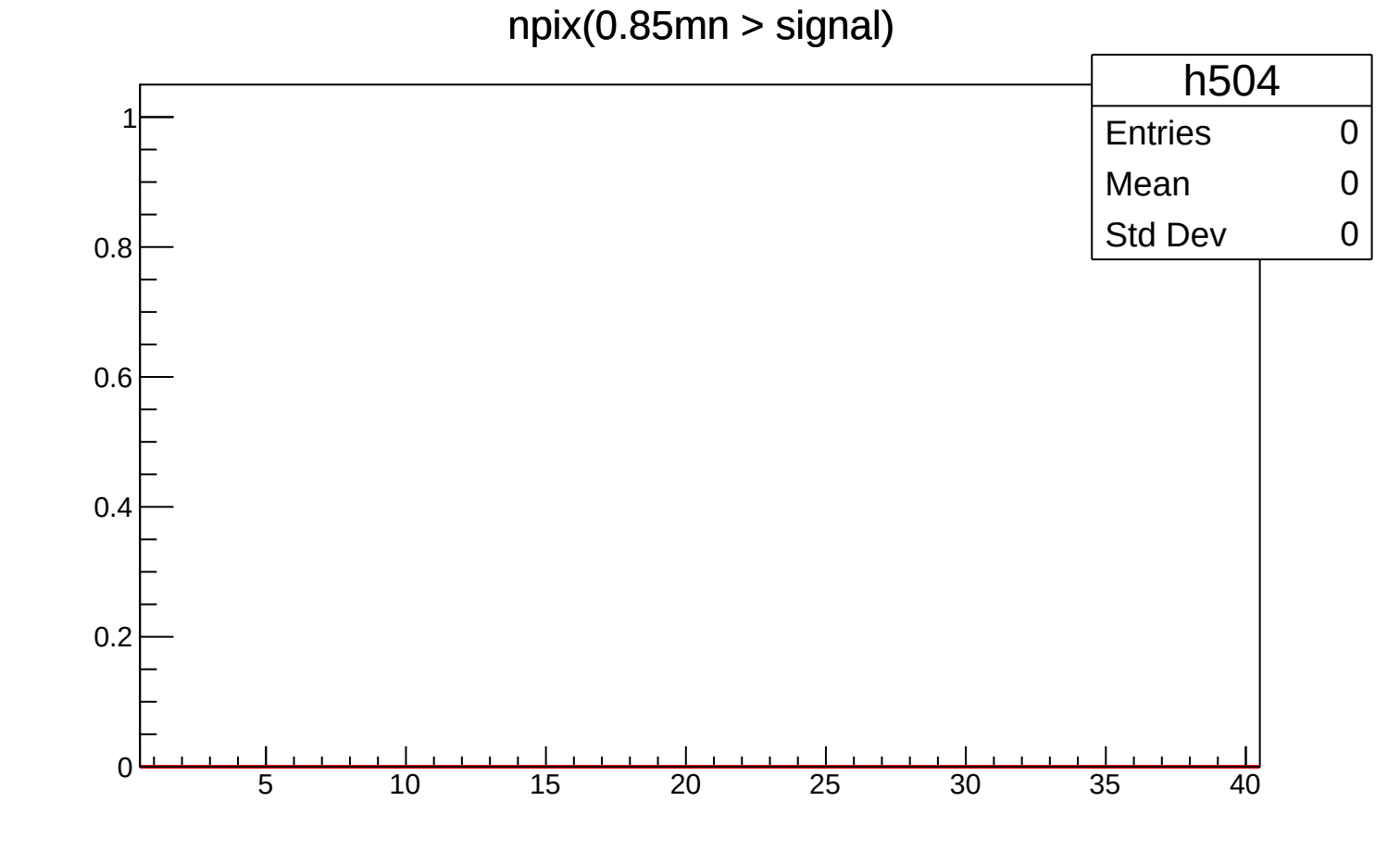

Number generated e
h100
Entries 30
Mean 1.615e+05
Std Dev 6.978e+04
4
3.5
3
2.5
2
1.5
1
0.5
0
0
50
100
150
200
250
300
350
400
450
500
×10^3

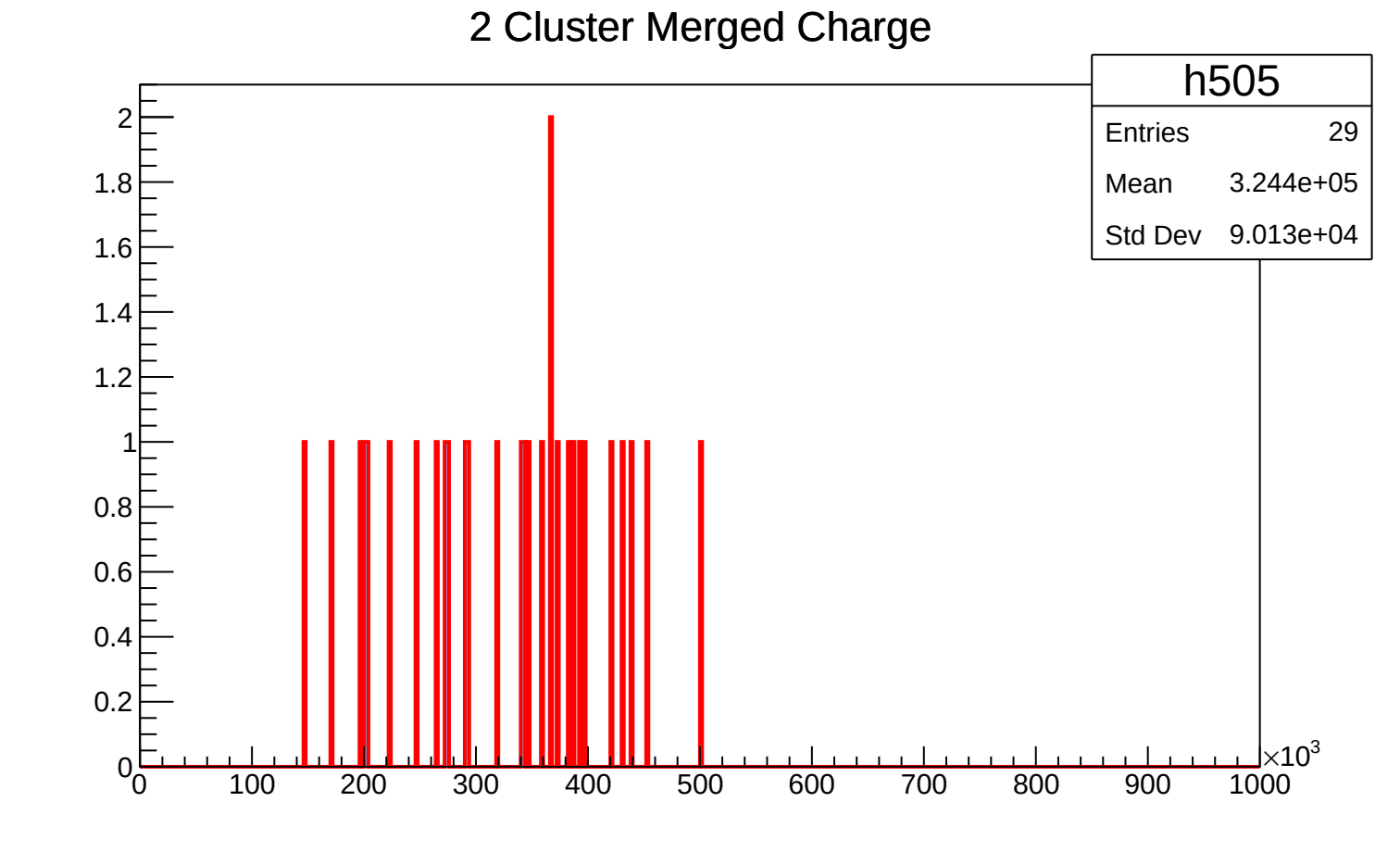

Cluster Charge
h500
Entries 30
Mean 1.594e+05
Std Dev 6.875e+04
3
2.5
2
1.5
1
0.5
0
0
50
100
150
200
250
300
350
400
450
500
×10^3

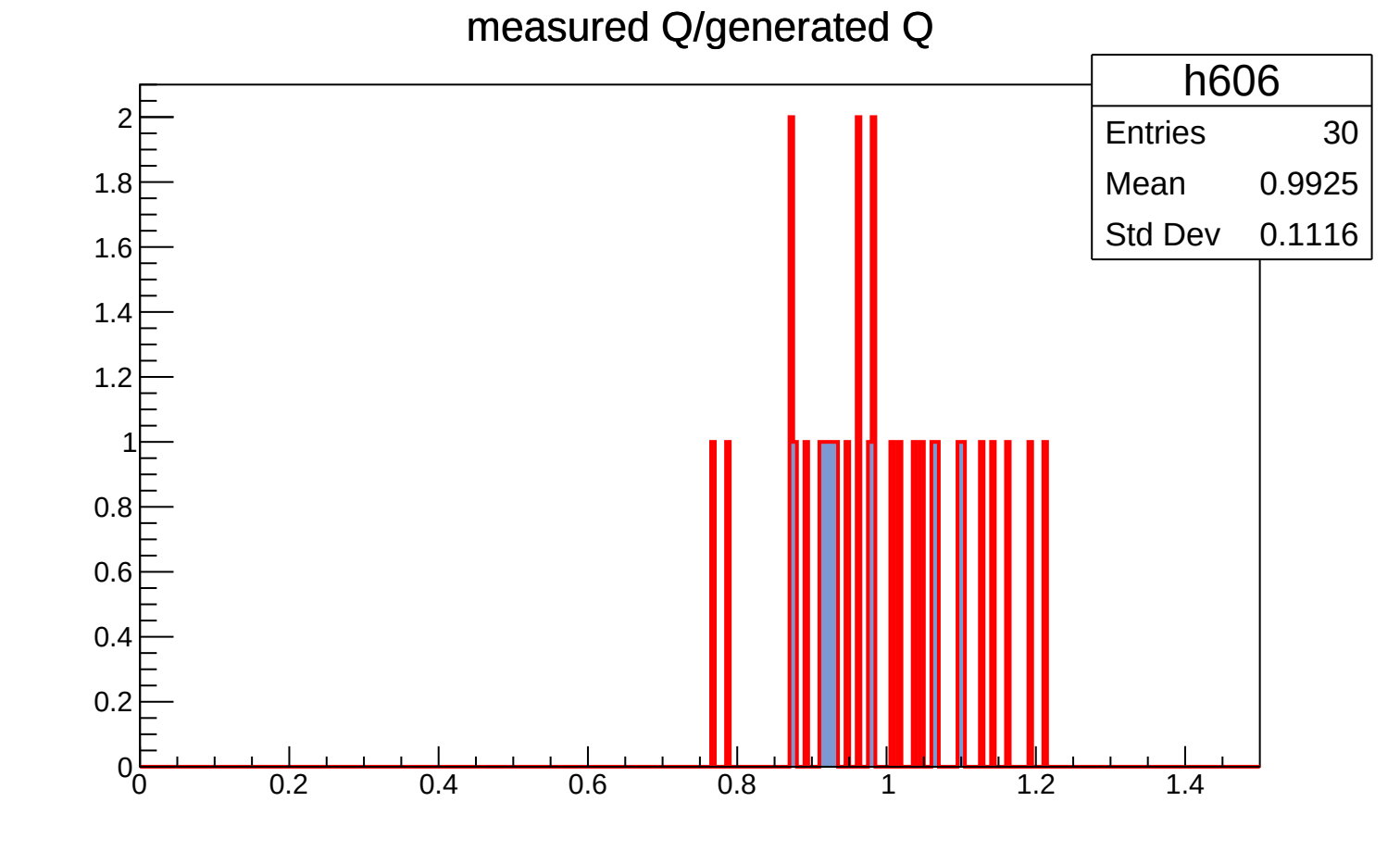

npix(signal > 1.5mn)
h501
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
5
10
15
20
25
30
35
40

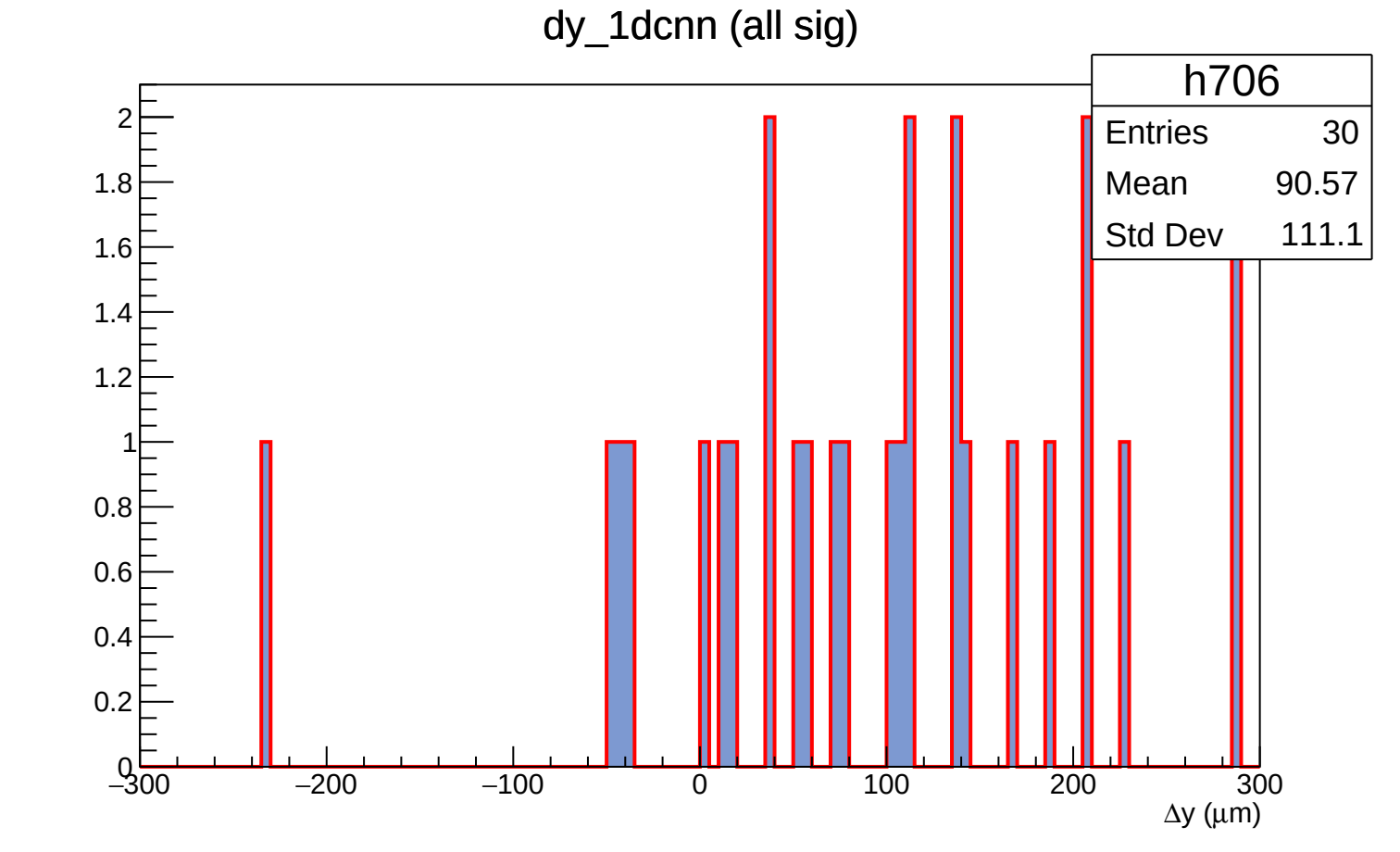

npix(1.5mn > signal > 1.0mn)
h502
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
5
10
15
20
25
30
35
40

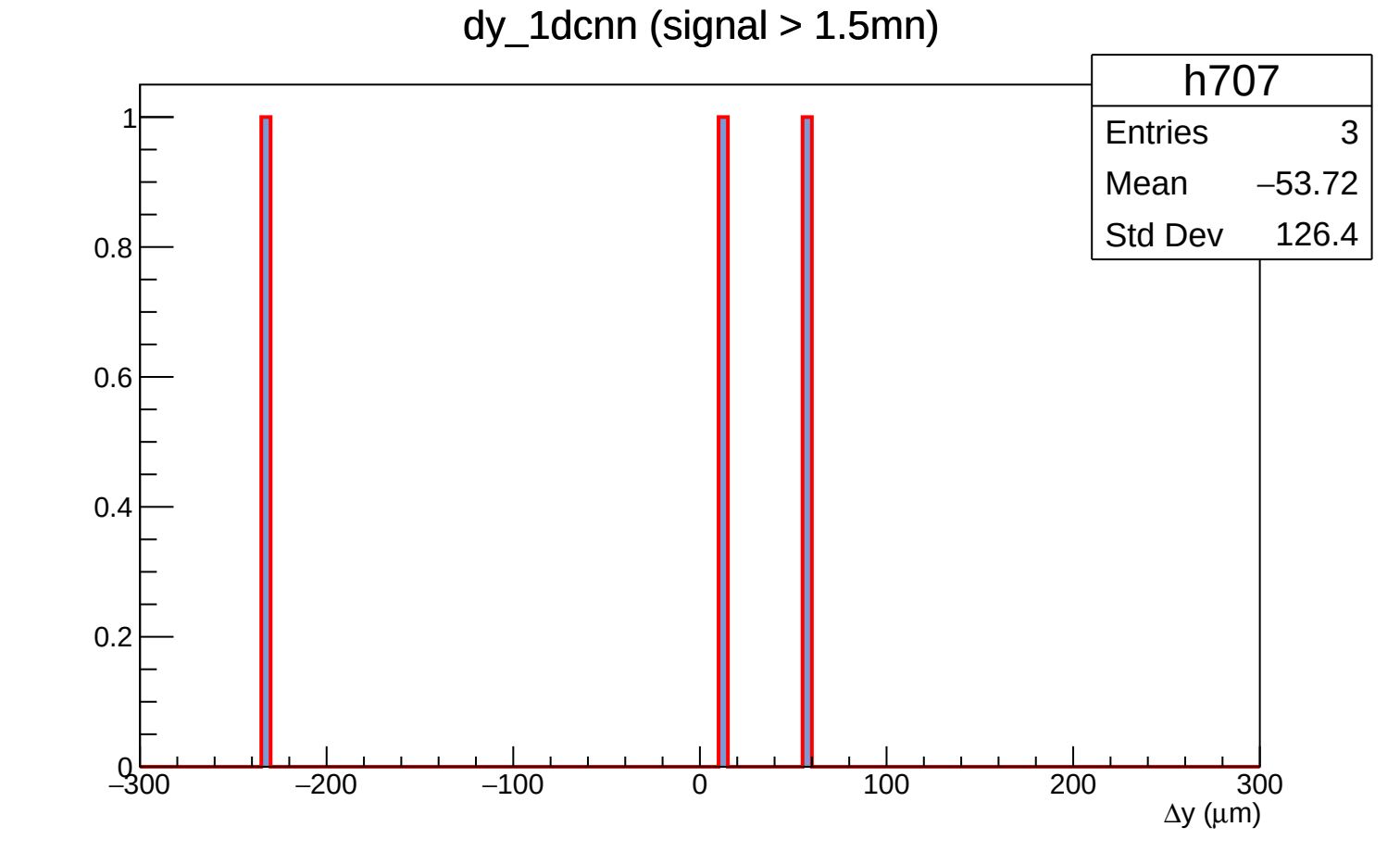

npix(1.0mn > signal > 0.85mn)
h503
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
5
10
15
20
25
30
35
40

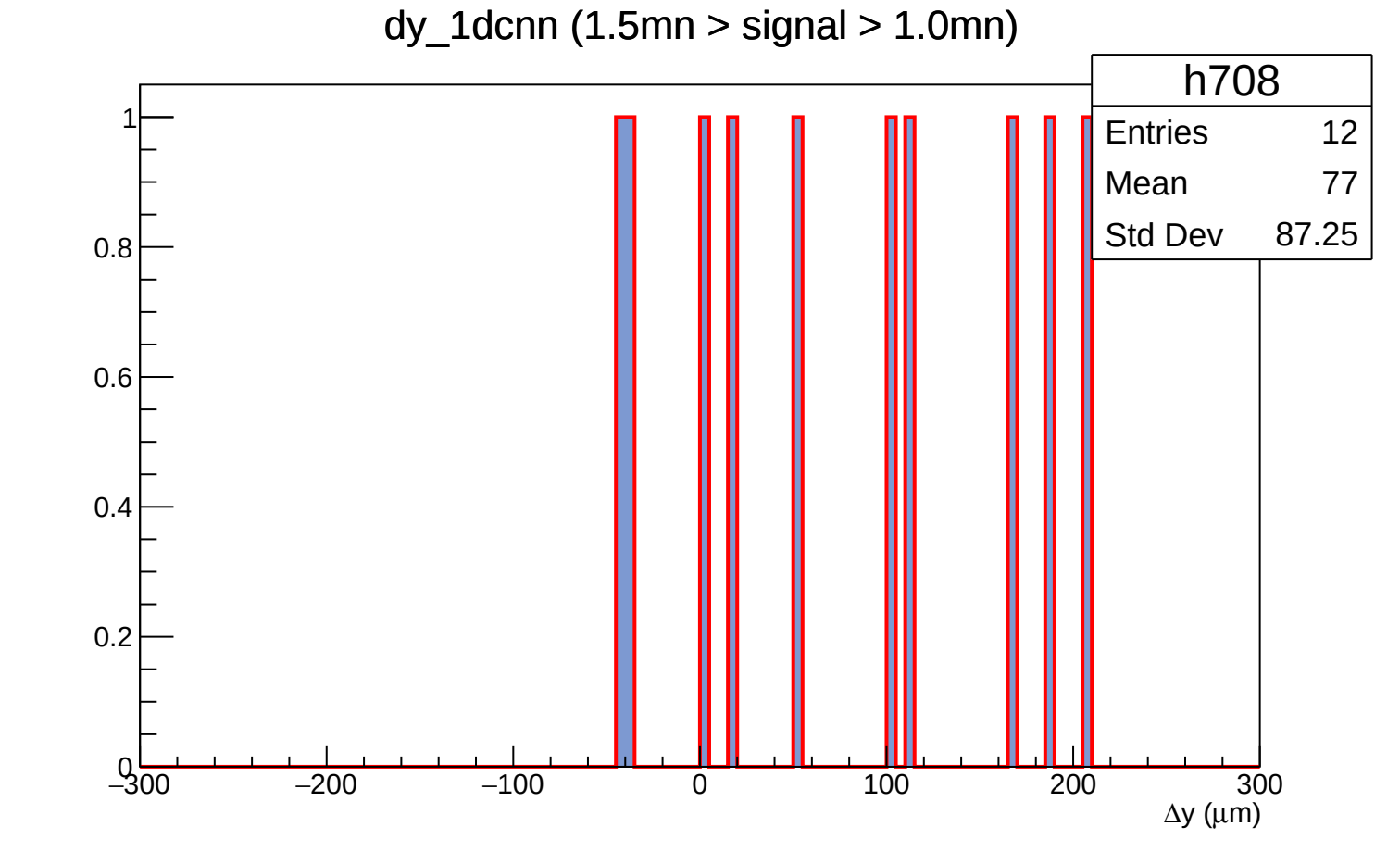

npix(0.85mn > signal)
h504
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
5
10
15
20
25
30
35
40

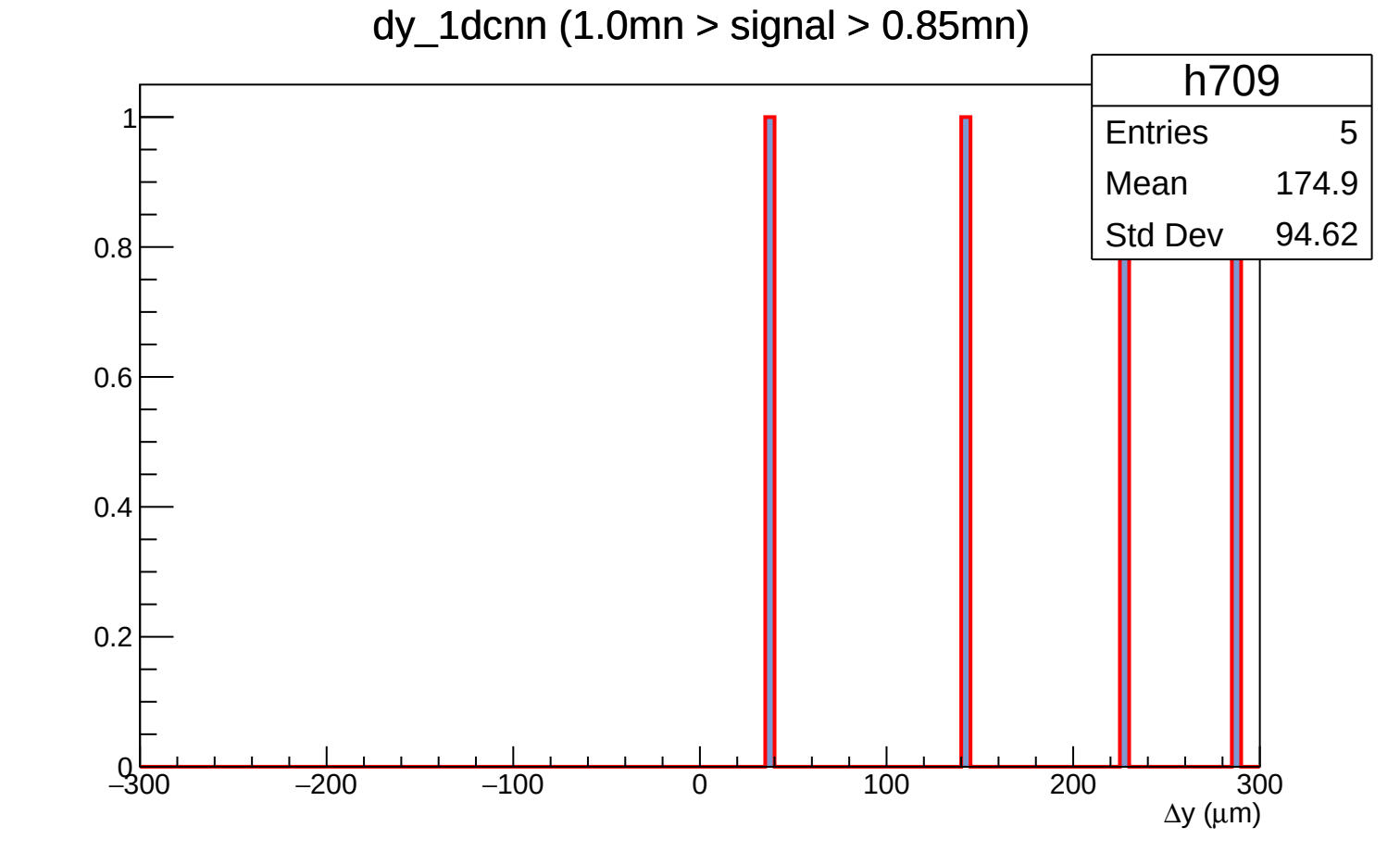

2 Cluster Merged Charge
h505
Entries 29
Mean 3.244e+05
Std Dev 9.013e+04
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
100
200
300
400
500
600
700
800
900
1000
×10^3

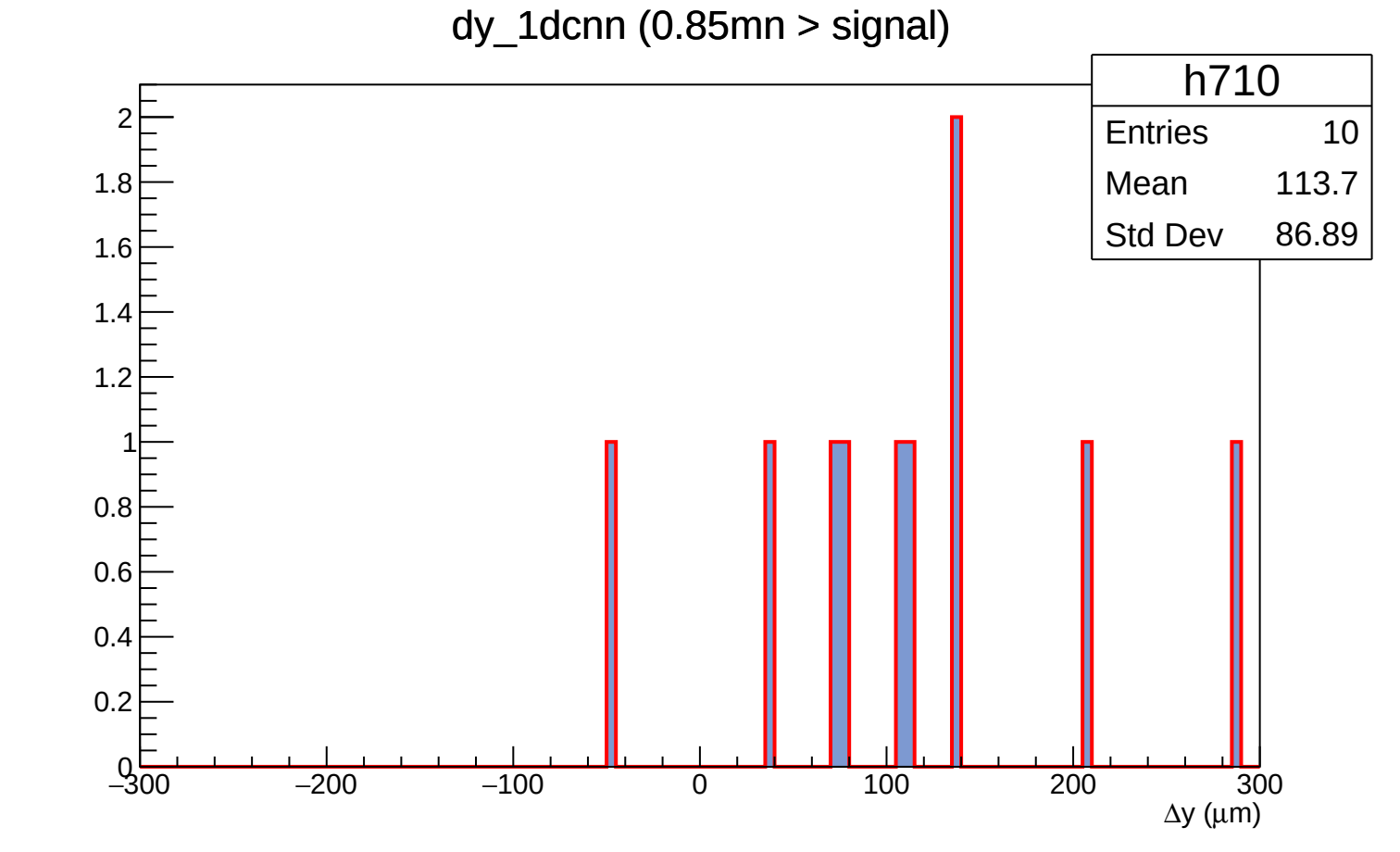

measured Q/generated Q
h606
Entries 30
Mean 0.9925
Std Dev 0.1116
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4

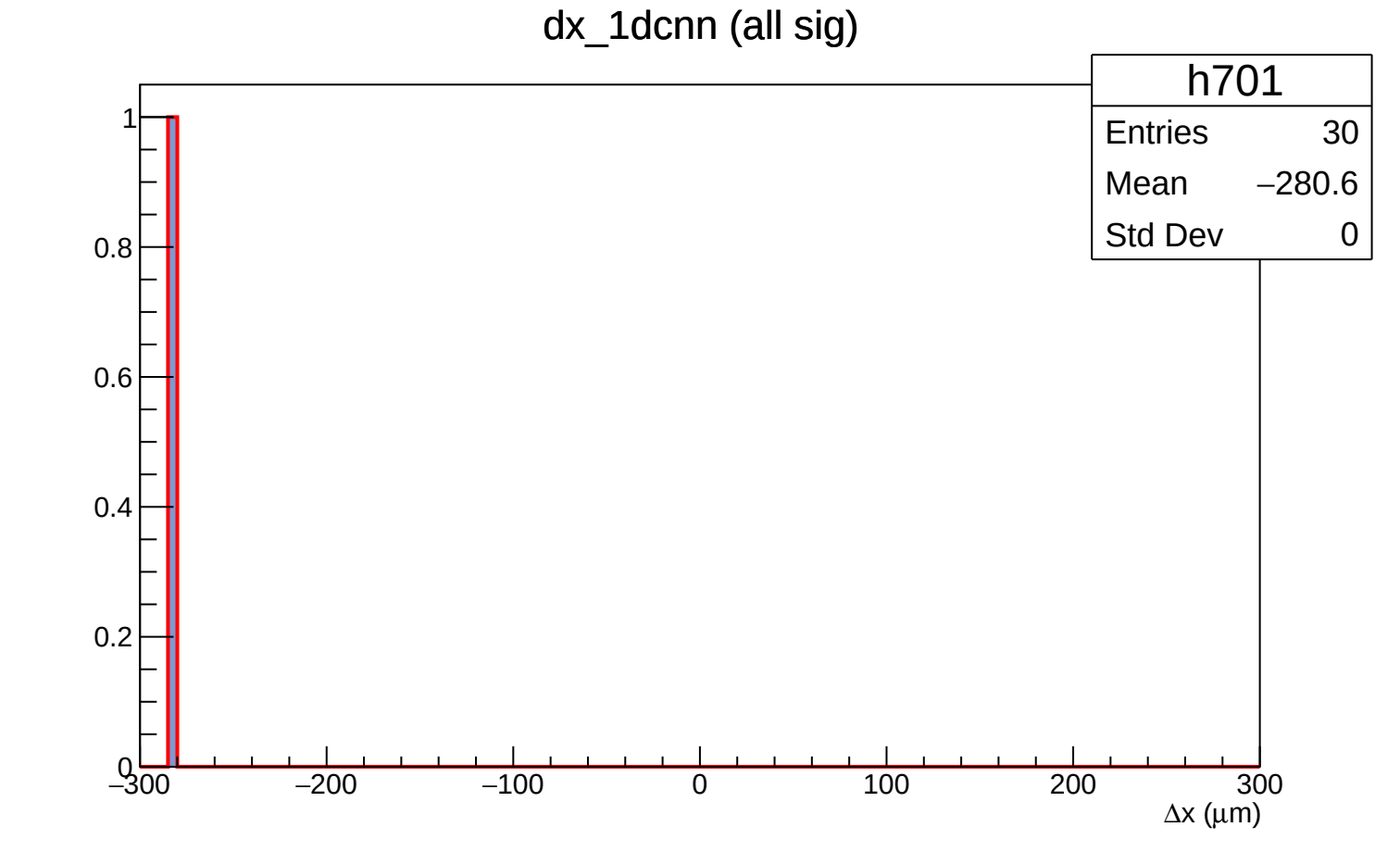

dy_1dcnn (all sig)
h706
Entries 30
Mean 90.57
Std Dev 111.1
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
–300
–200
–100
0
100
200
300
Δy (μm)

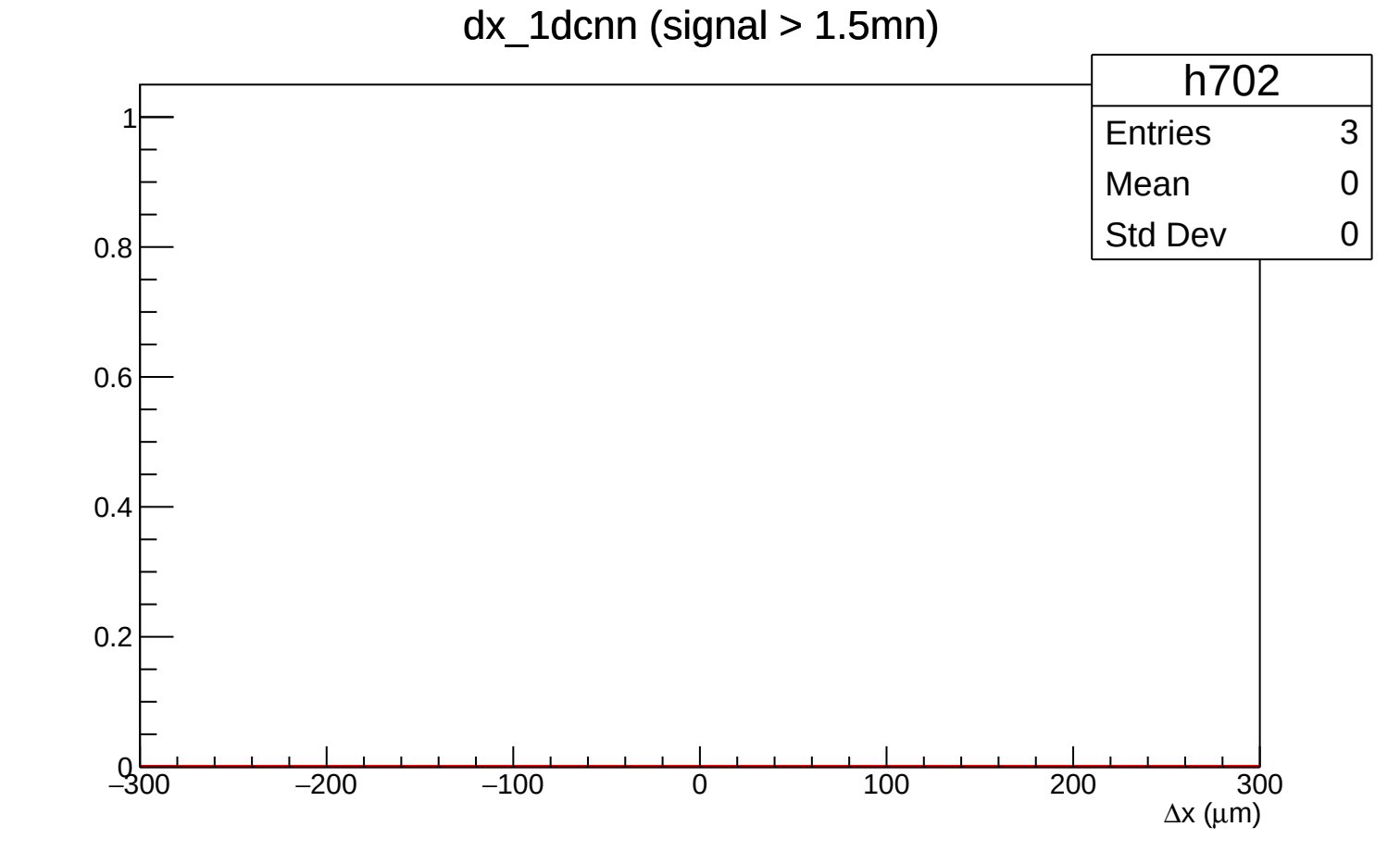

dy_1dcnn (signal > 1.5mn)
h707
Entries 3
Mean –53.72
Std Dev 126.4
1
0.8
0.6
0.4
0.2
0
–300
–200
–100
0
100
200
300
Δy (μm)

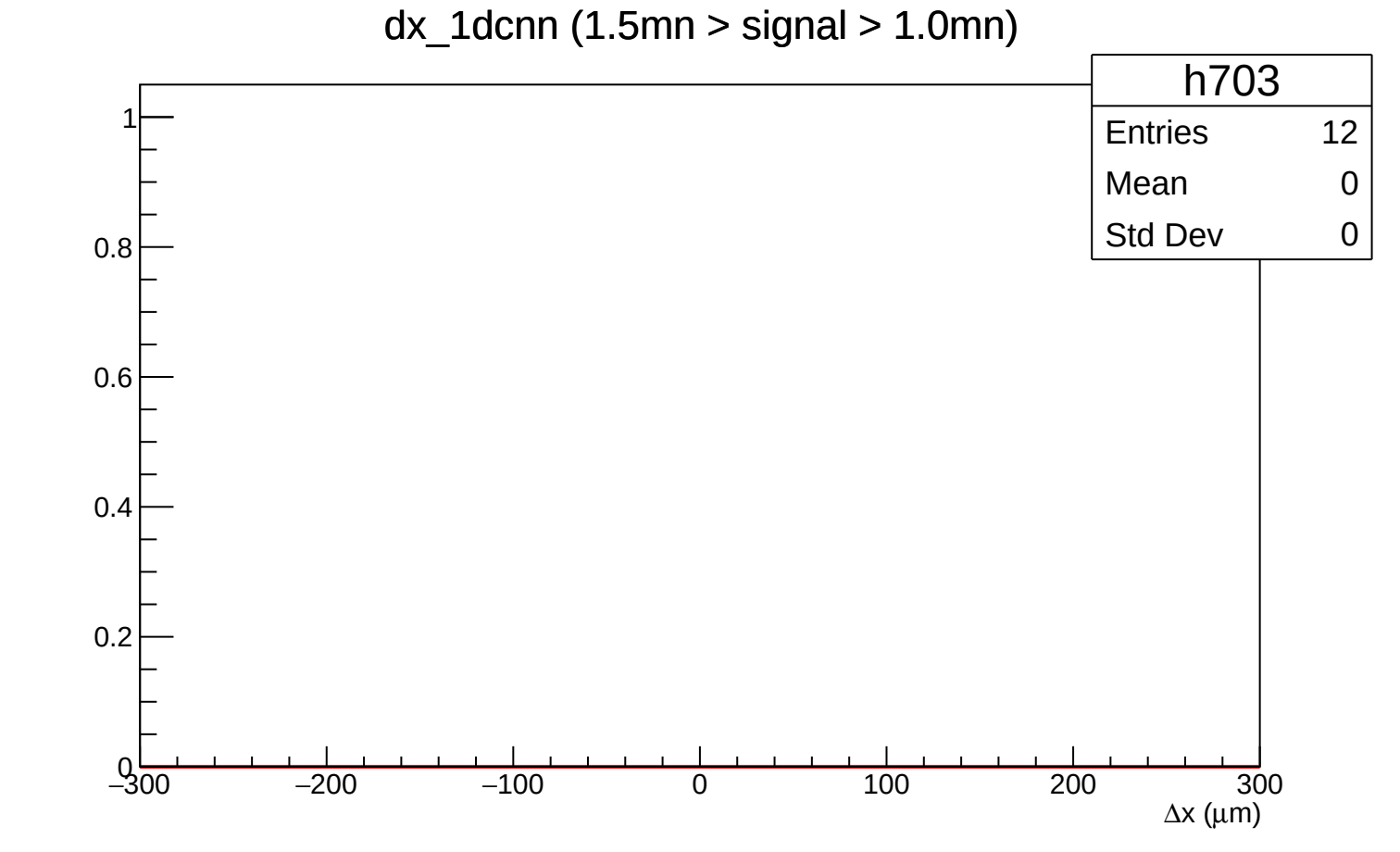

dy_1dcnn (1.5mn > signal > 1.0mn)
h708
Entries 12
Mean 77
Std Dev 87.25
1
0.8
0.6
0.4
0.2
0
–300
–200
–100
0
100
200
300
Δy (μm)

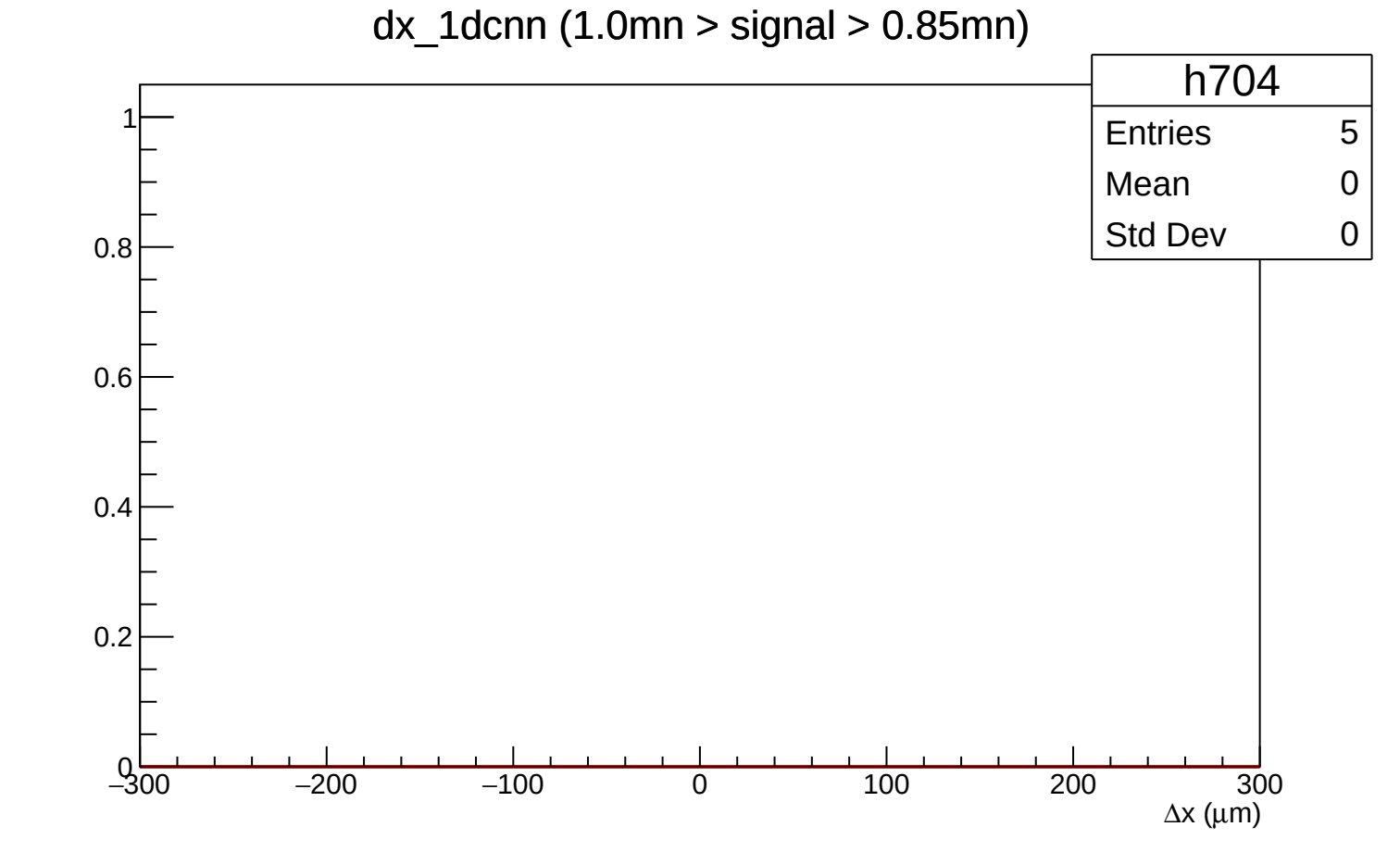

dy_1dcnn (1.0mn > signal > 0.85mn)
h709
Entries 5
Mean 174.9
Std Dev 94.62
1
0.8
0.6
0.4
0.2
0
–300
–200
–100
0
100
200
300
Δy (μm)

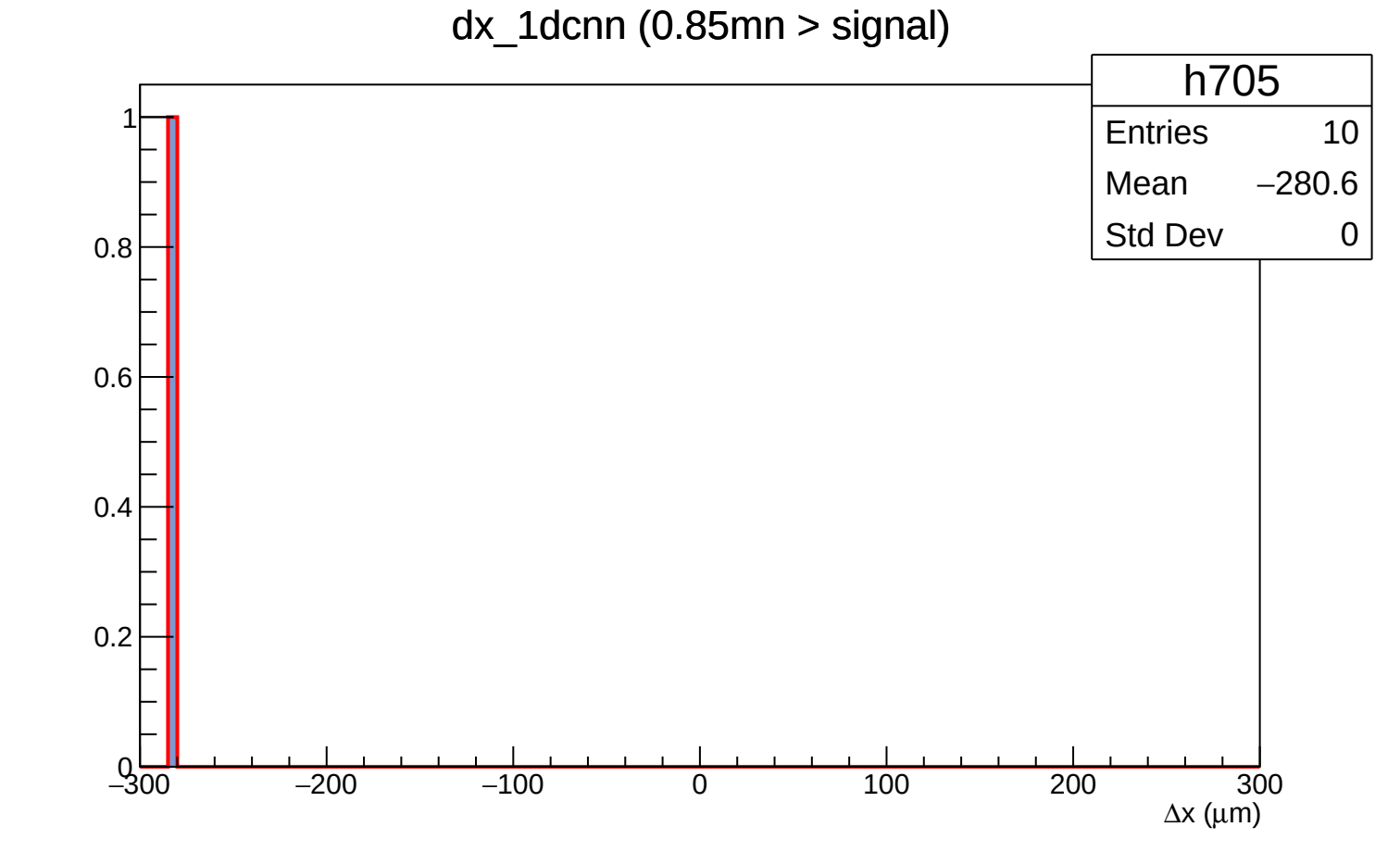

dy_1dcnn (0.85mn > signal)
h710
Entries 10
Mean 113.7
Std Dev 86.89
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
–300
–200
–100
0
100
200
300
Δy (μm)

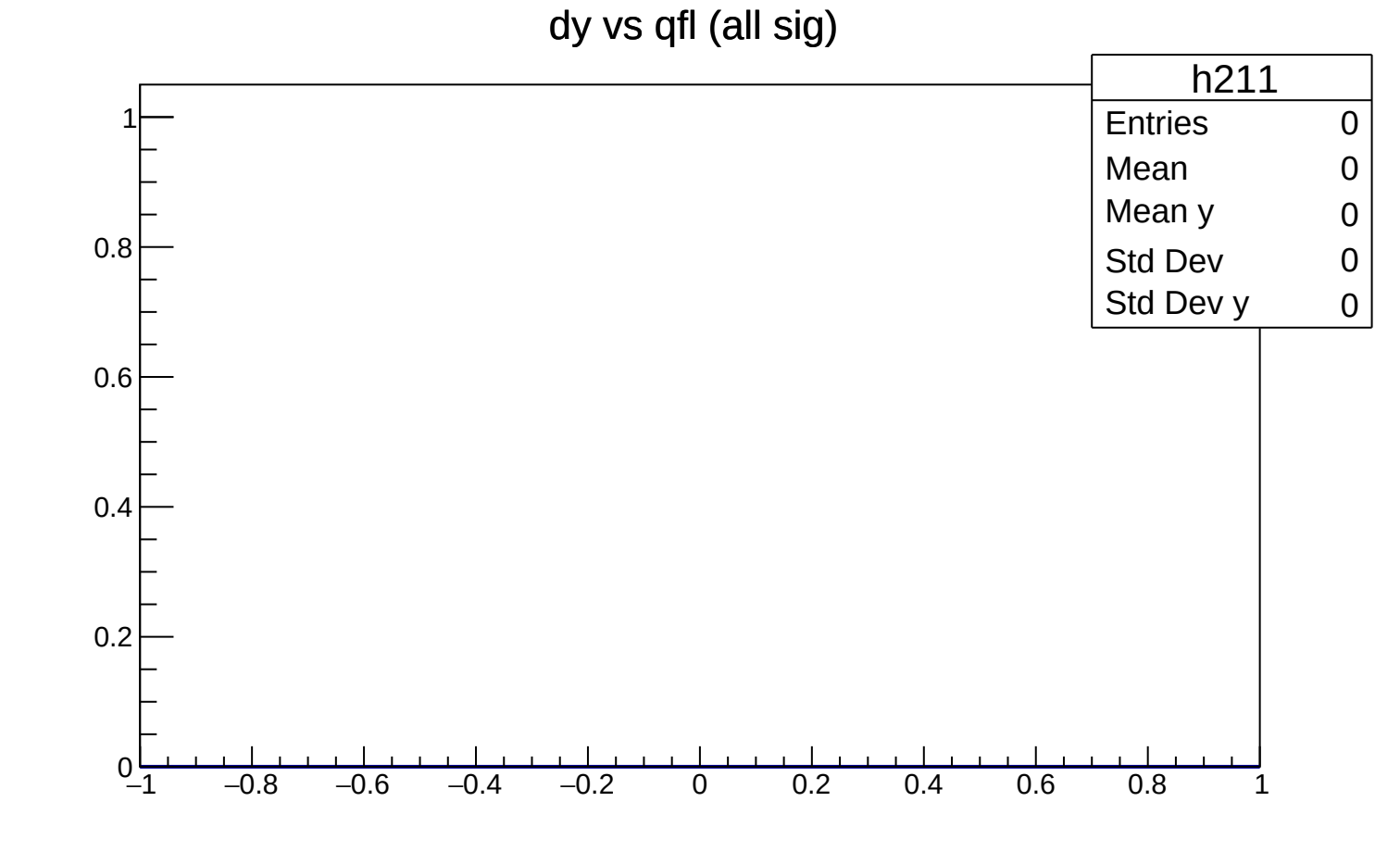

dx_1dcnn (all sig)
h701
Entries 30
Mean −280.6
Std Dev 0
1
0.8
0.6
0.4
0.2
0
−300
−200
−100
0
100
200
300
Δx (μm)

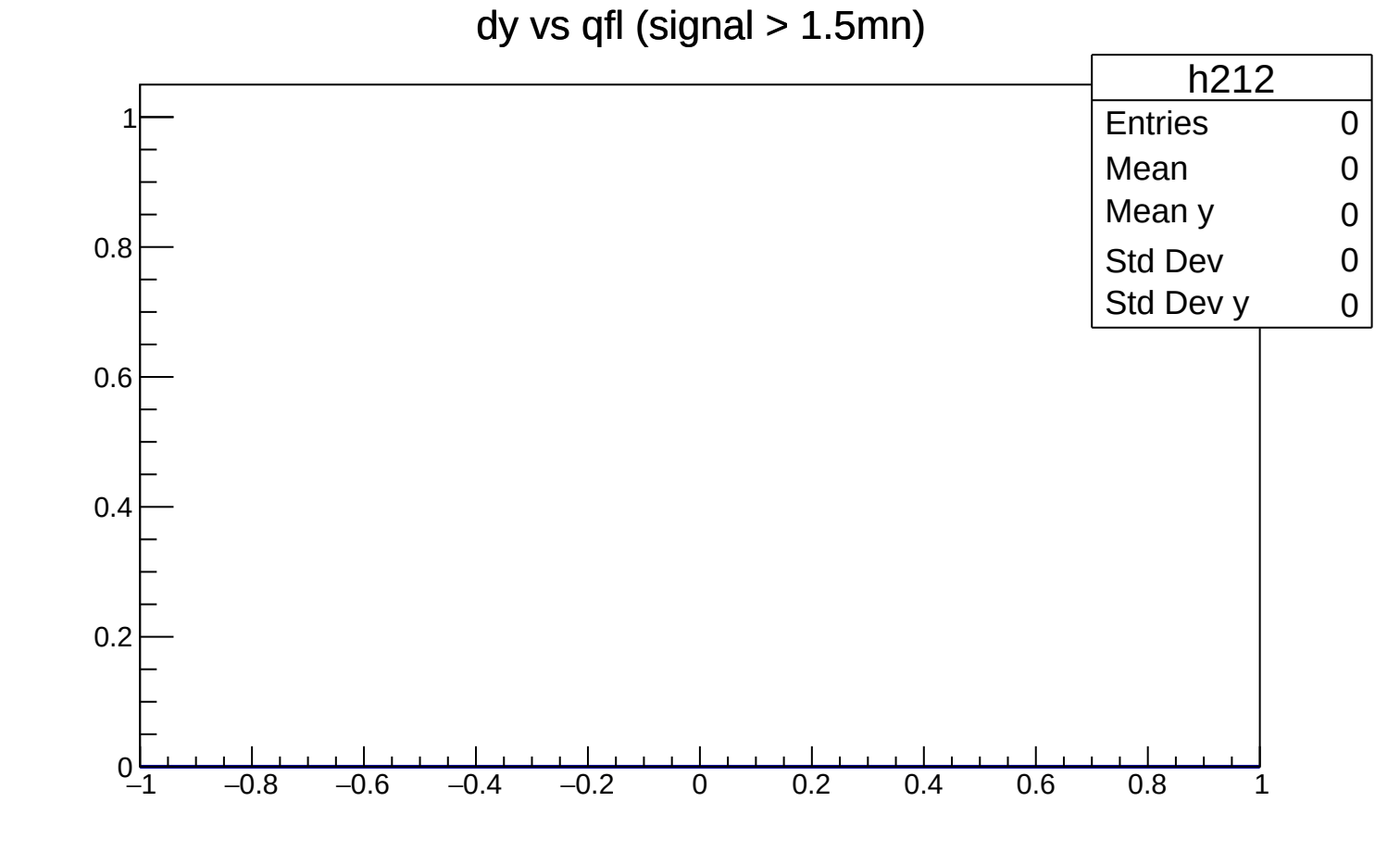

dx_1dcnn (signal > 1.5mn)
h702
Entries 3
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–300
–200
–100
0
100
200
300
Δx (μm)

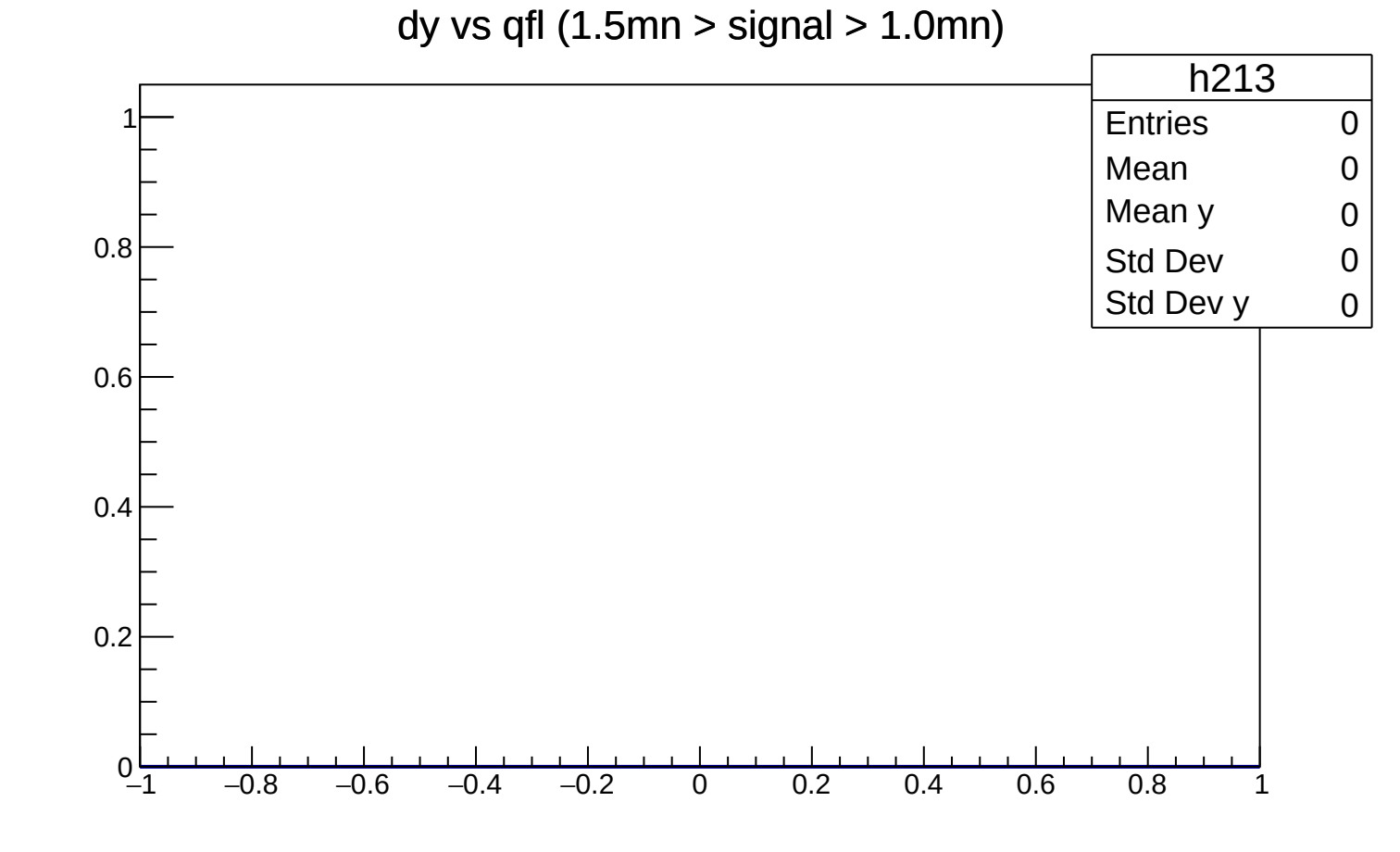

dx_1dcnn (1.5mn > signal > 1.0mn)
h703
Entries 12
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–300
–200
–100
0
100
200
300
Δx (μm)

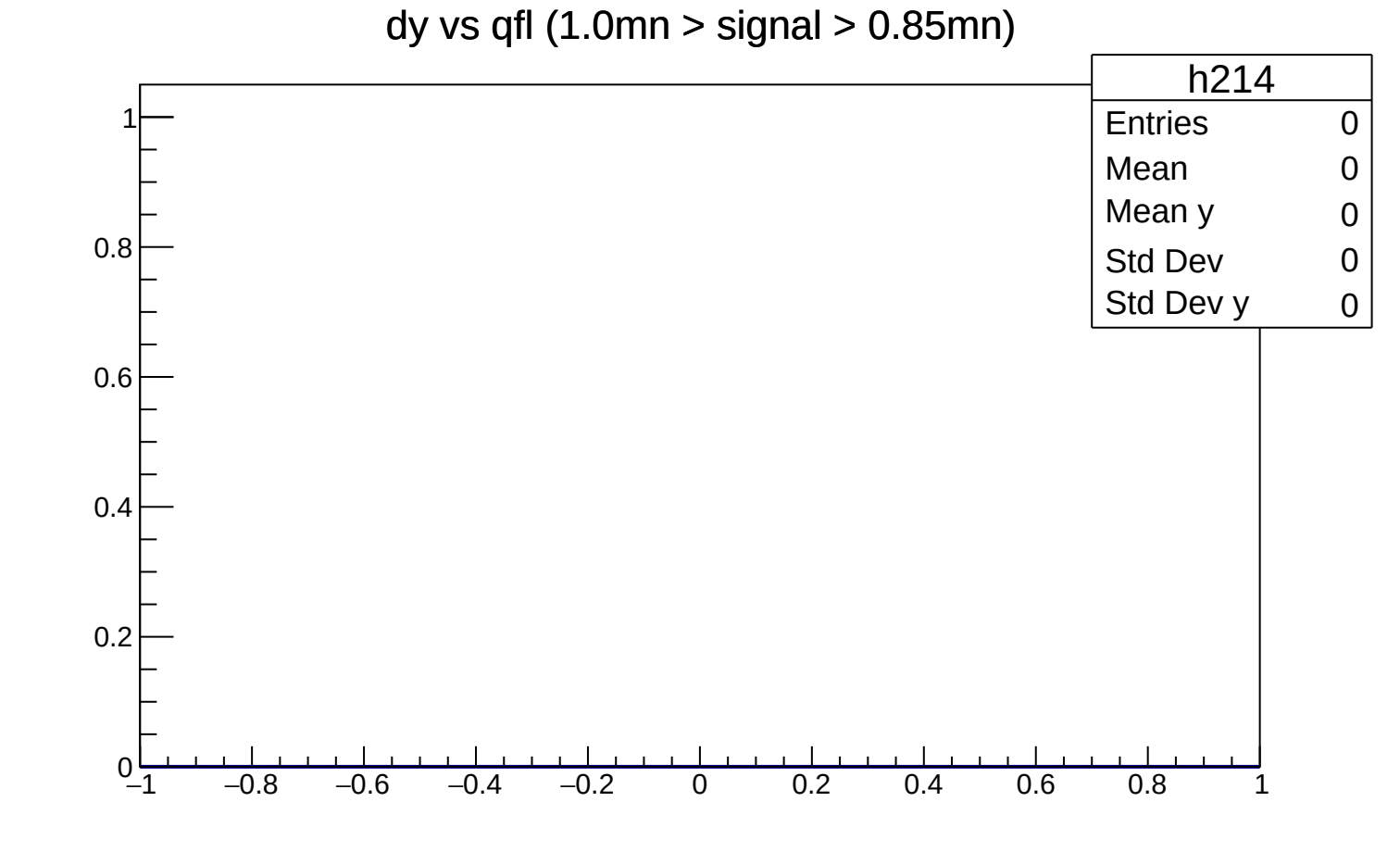

dx_1dcnn (1.0mn > signal > 0.85mn)
h704
Entries 5
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–300
–200
–100
0
100
200
300
Δx (μm)

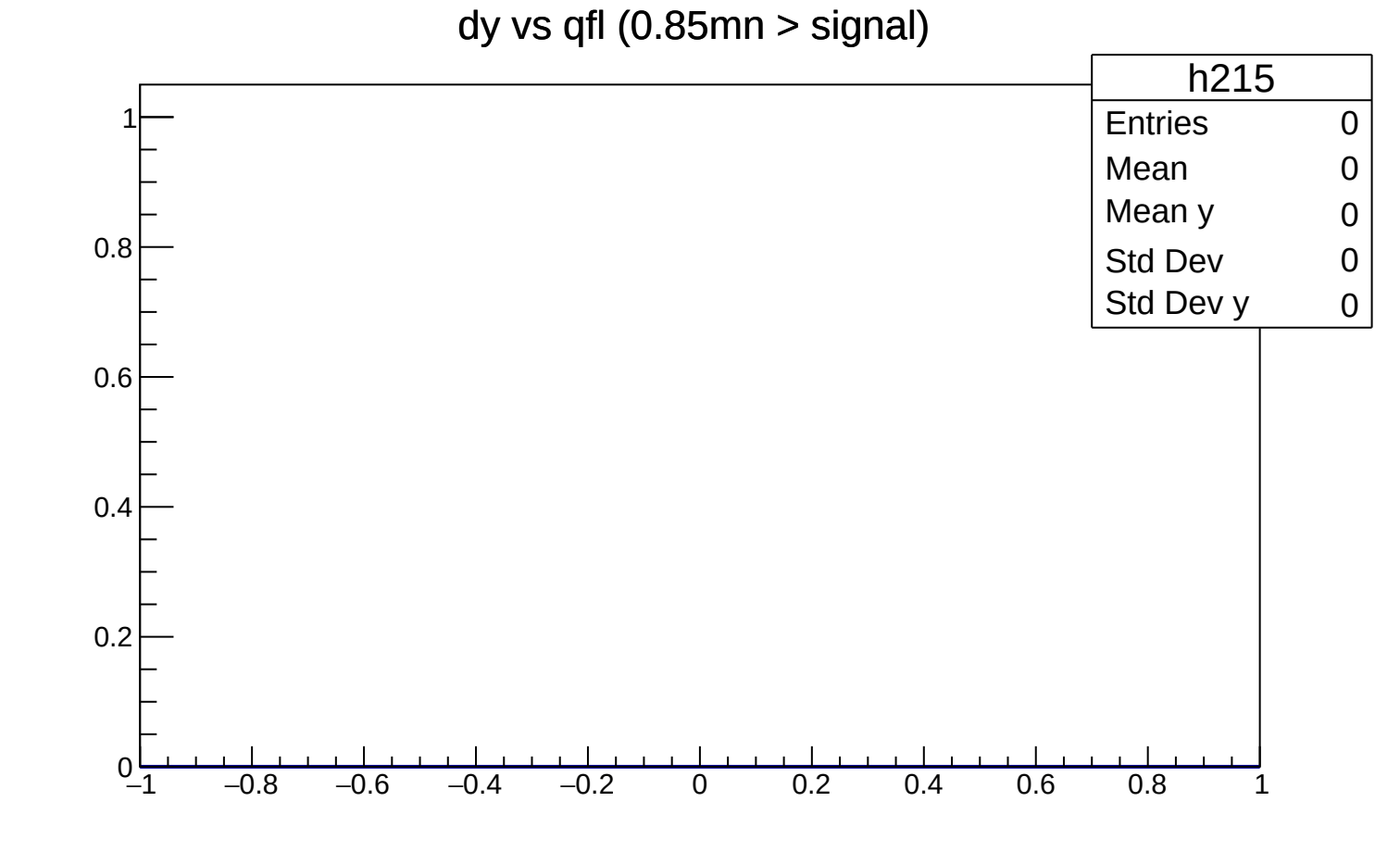

dx_1dcnn (0.85mn > signal)
h705
Entries 10
Mean −280.6
Std Dev 0
1
0.8
0.6
0.4
0.2
0
−300
−200
−100
0
100
200
300
Δx (μm)

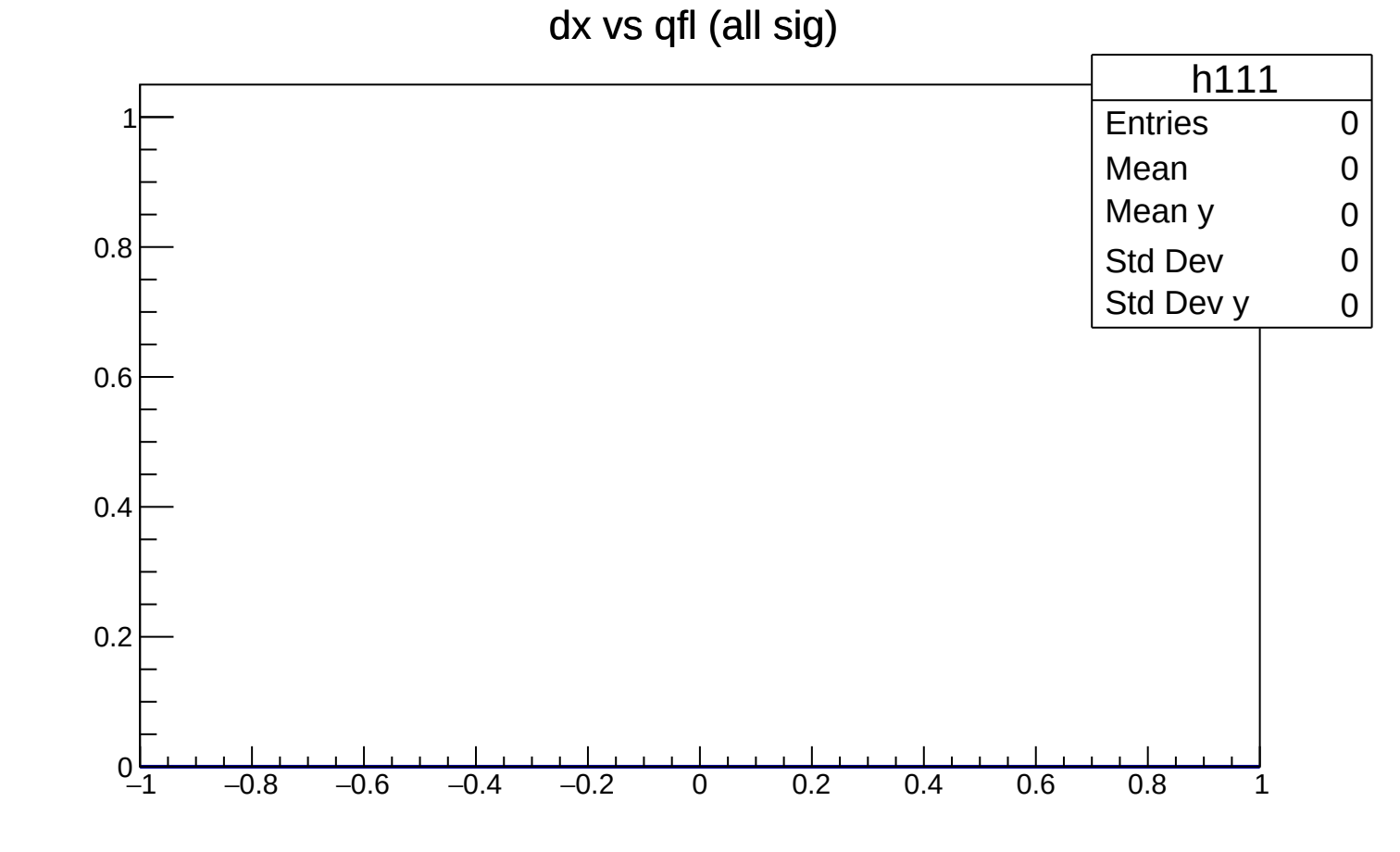

dy vs qfl (all sig)
h211
Entries 0
Mean 0
Mean y 0
Std Dev 0
Std Dev y 0
1
0.8
0.6
0.4
0.2
0
–1
–0.8
–0.6
–0.4
–0.2
0
0.2
0.4
0.6
0.8
1

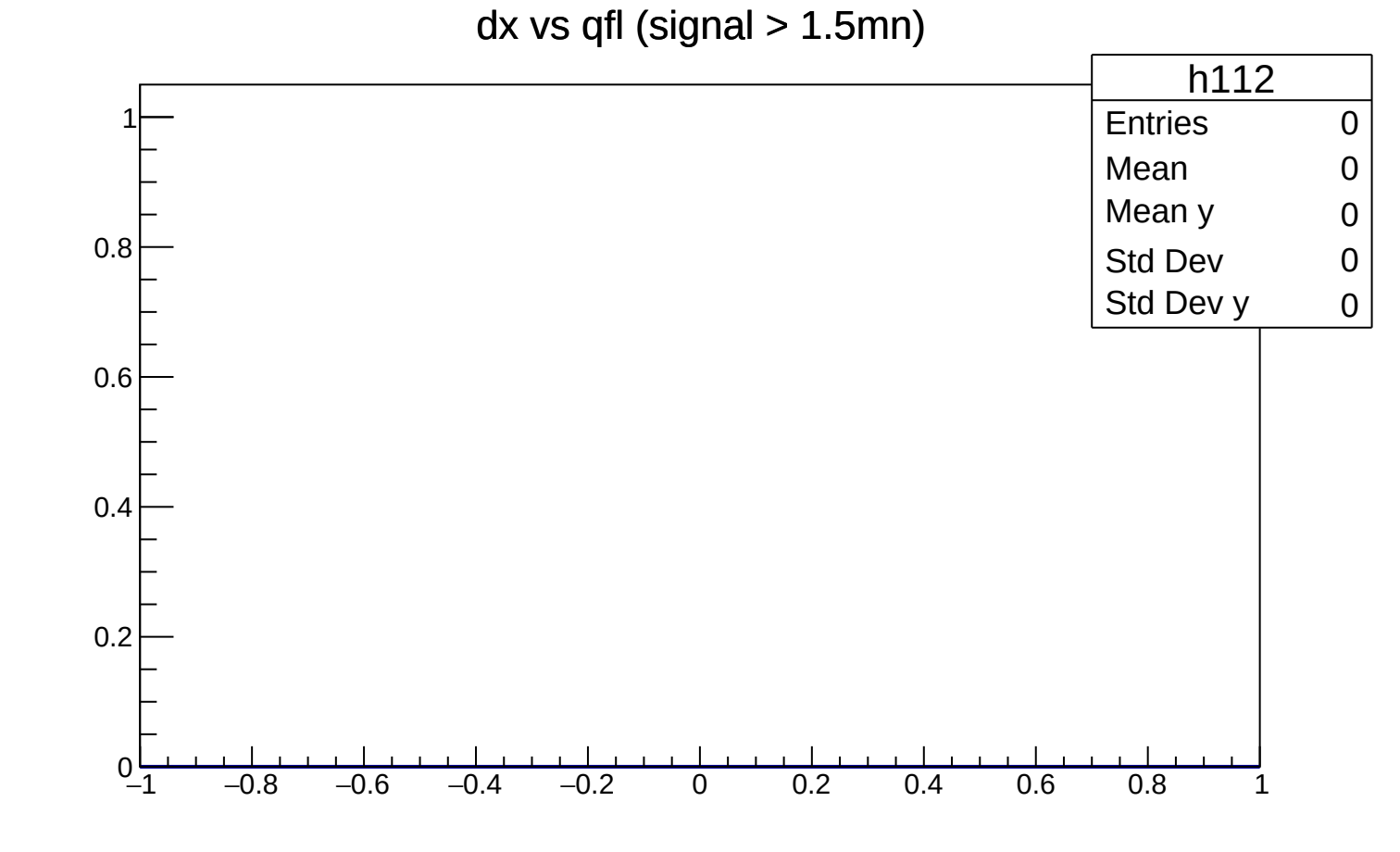

dy vs qfl (signal > 1.5mn)
h212
Entries 0
Mean 0
Mean y 0
Std Dev 0
Std Dev y 0
1
0.8
0.6
0.4
0.2
0
–1
–0.8
–0.6
–0.4
–0.2
0
0.2
0.4
0.6
0.8
1

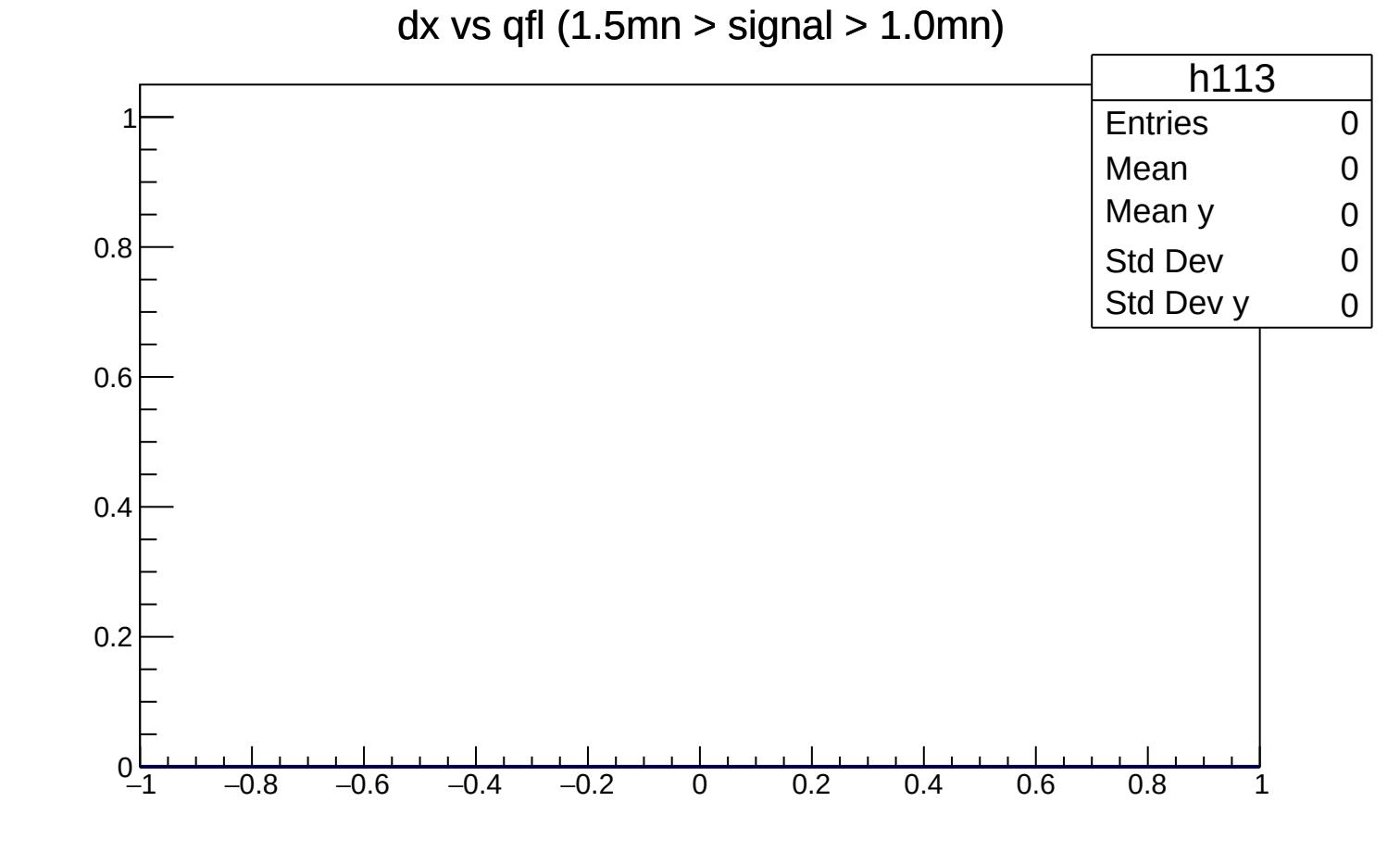

dy vs qfl (1.5mn > signal > 1.0mn)
h213
Entries 0
Mean 0
Mean y 0
Std Dev 0
Std Dev y 0
1
0.8
0.6
0.4
0.2
0
–1
–0.8
–0.6
–0.4
–0.2
0
0.2
0.4
0.6
0.8
1

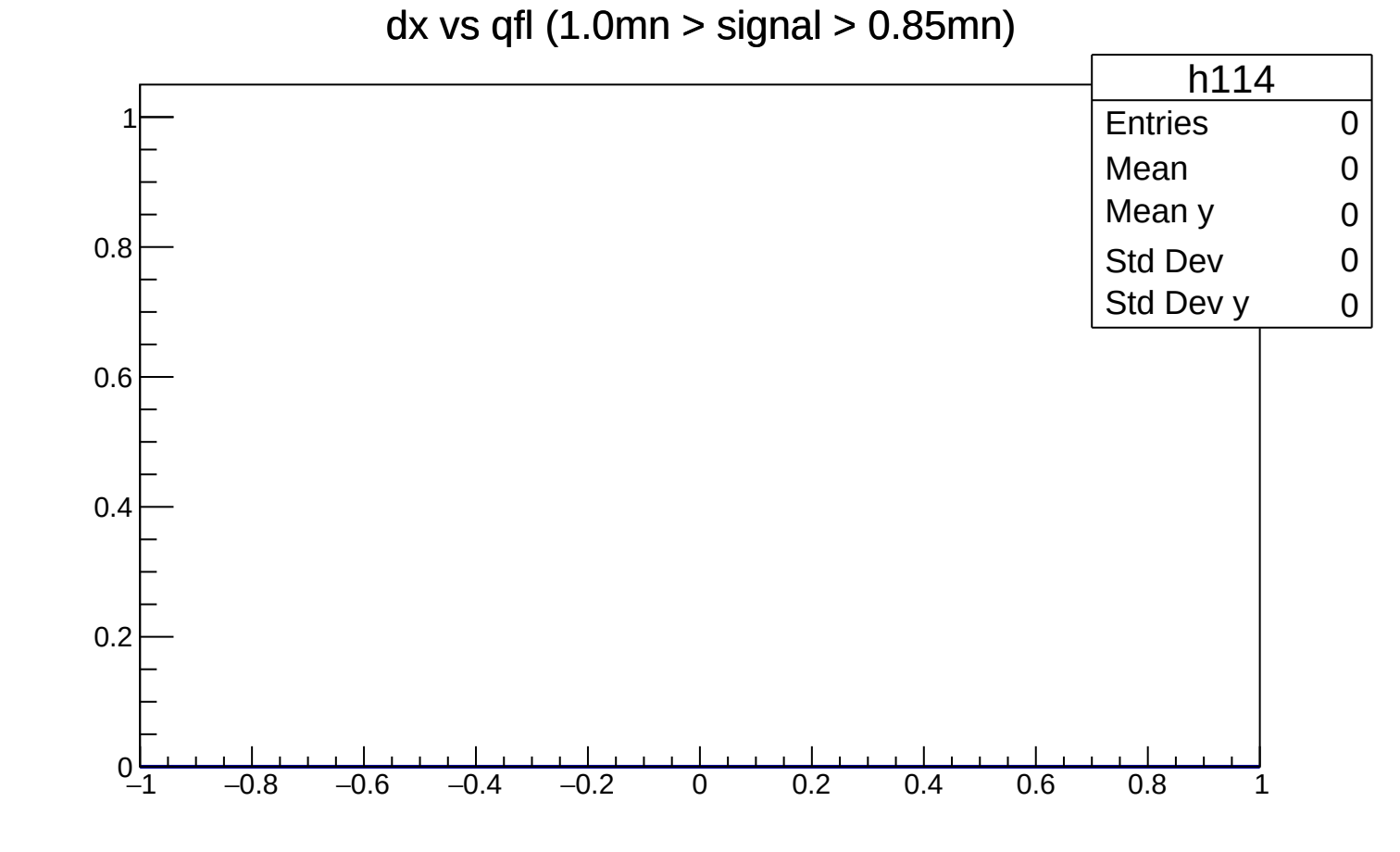

dy vs qfl (1.0mn > signal > 0.85mn)
h214
Entries 0
Mean 0
Mean y 0
Std Dev 0
Std Dev y 0
1
0.8
0.6
0.4
0.2
0
–1
–0.8
–0.6
–0.4
–0.2
0
0.2
0.4
0.6
0.8
1

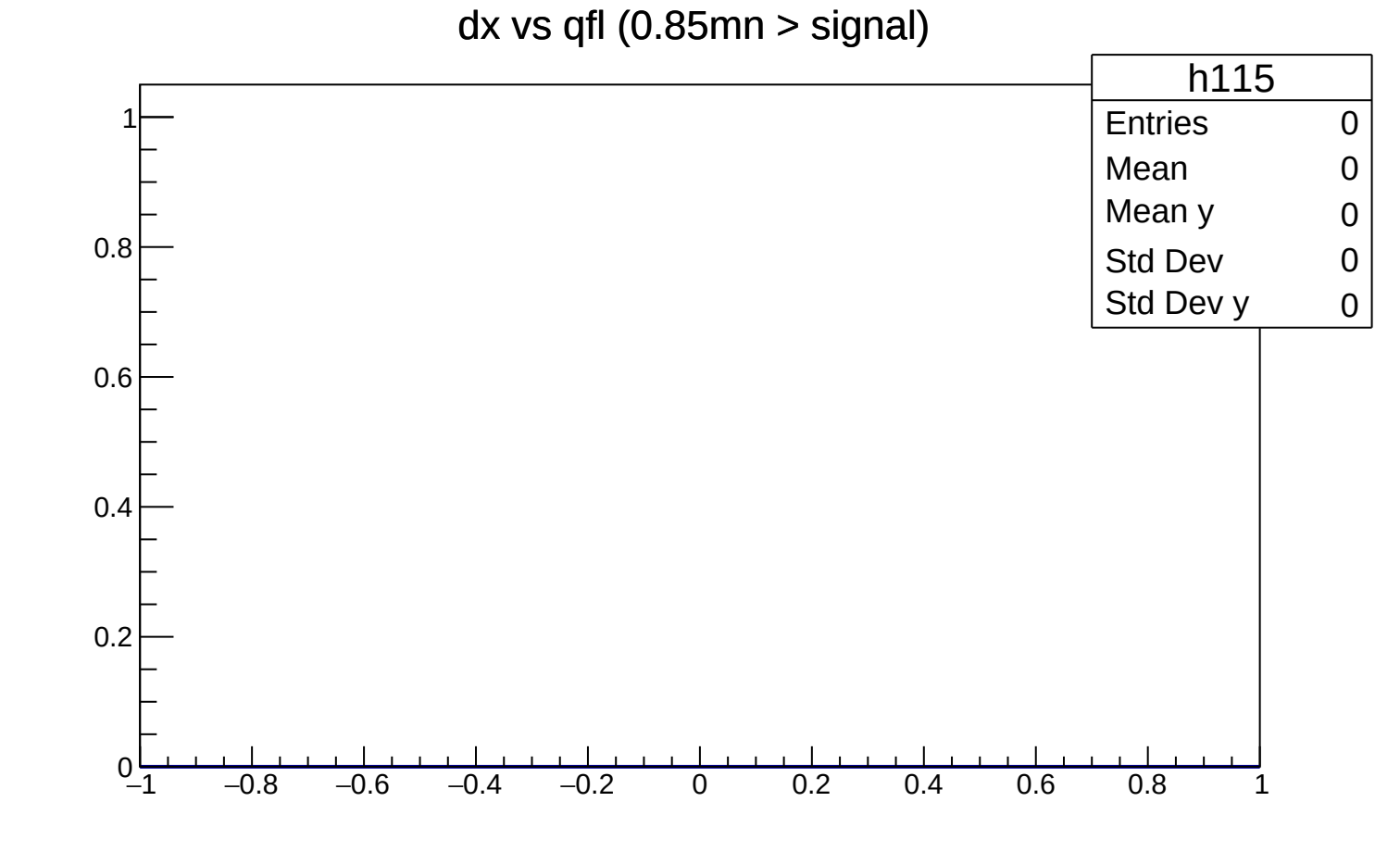

dy vs qfl (0.85mn > signal)
h215
Entries 0
Mean 0
Mean y 0
Std Dev 0
Std Dev y 0
1
0.8
0.6
0.4
0.2
0
–1
–0.8
–0.6
–0.4
–0.2
0
0.2
0.4
0.6
0.8
1


dx vs qfl (all sig)
h111
Entries 0
Mean 0
Mean y 0
Std Dev 0
Std Dev y 0
1
0.8
0.6
0.4
0.2
0
–1
–0.8
–0.6
–0.4
–0.2
0
0.2
0.4
0.6
0.8
1


dx vs qfl (signal > 1.5mn)
h112
Entries 0
Mean 0
Mean y 0
Std Dev 0
Std Dev y 0
1
0.8
0.6
0.4
0.2
0
–1
–0.8
–0.6
–0.4
–0.2
0
0.2
0.4
0.6
0.8
1


dx vs qfl (1.5mn > signal > 1.0mn)
h113
Entries 0
Mean 0
Mean y 0
Std Dev 0
Std Dev y 0
1
0.8
0.6
0.4
0.2
0
–1
–0.8
–0.6
–0.4
–0.2
0
0.2
0.4
0.6
0.8
1


dx vs qfl (1.0mn > signal > 0.85mn)
h114
Entries 0
Mean 0
Mean y 0
Std Dev 0
Std Dev y 0
1
0.8
0.6
0.4
0.2
0
–1
–0.8
–0.6
–0.4
–0.2
0
0.2
0.4
0.6
0.8
1


dx vs qfl (0.85mn > signal)
h115
Entries 0
Mean 0
Mean y 0
Std Dev 0
Std Dev y 0
1
0.8
0.6
0.4
0.2
0
–1
–0.8
–0.6
–0.4
–0.2
0
0.2
0.4
0.6
0.8
1