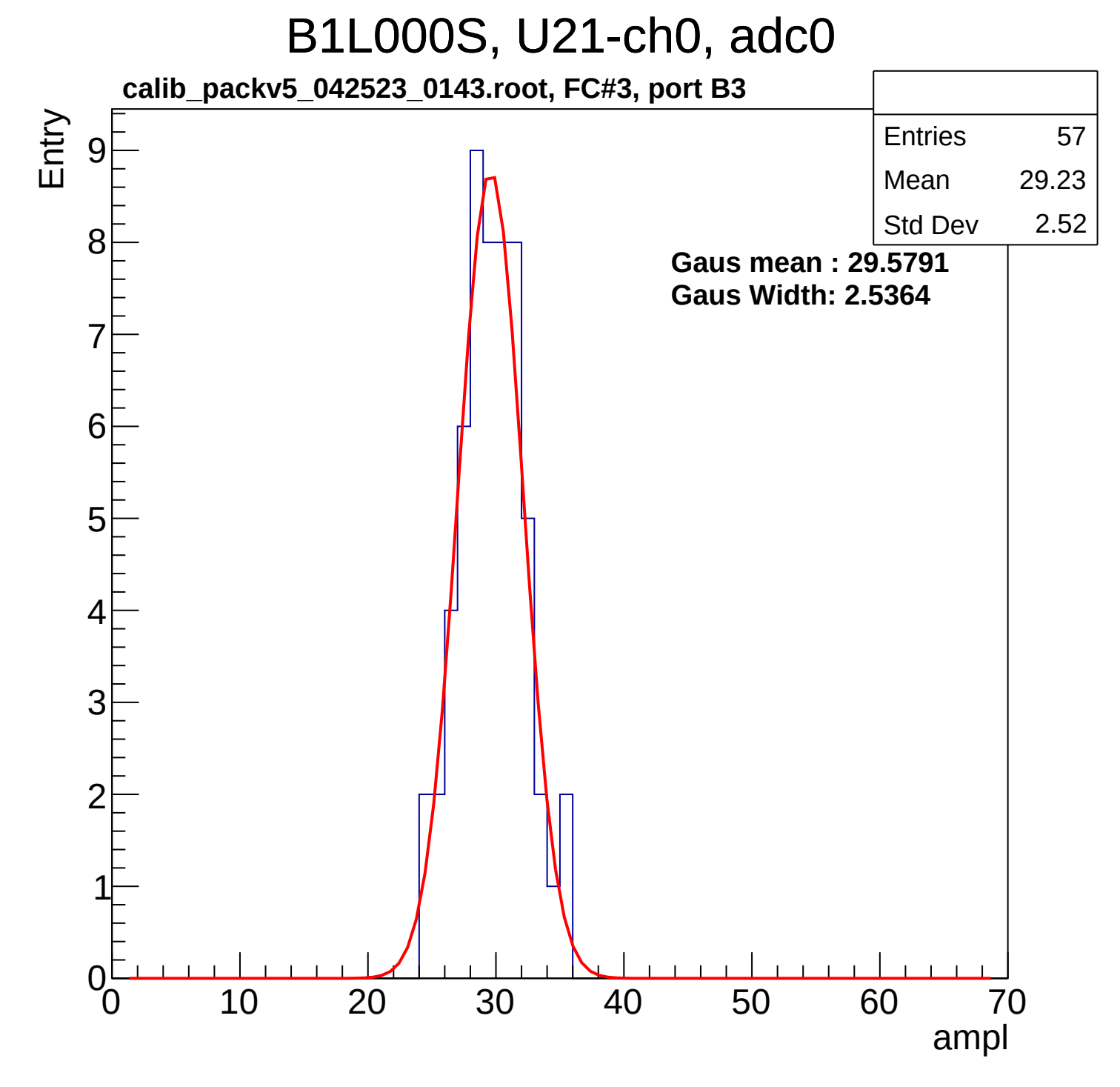
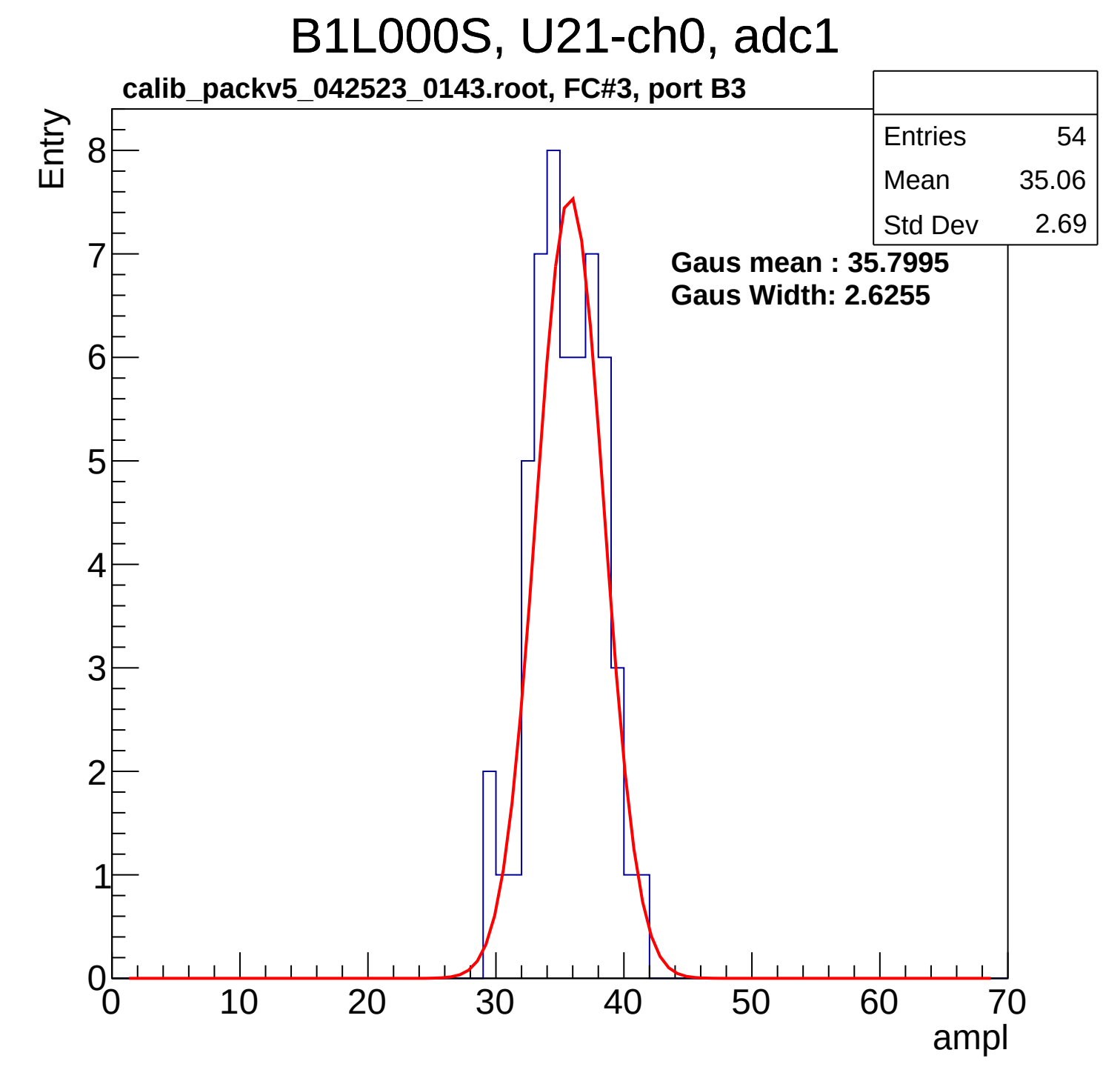
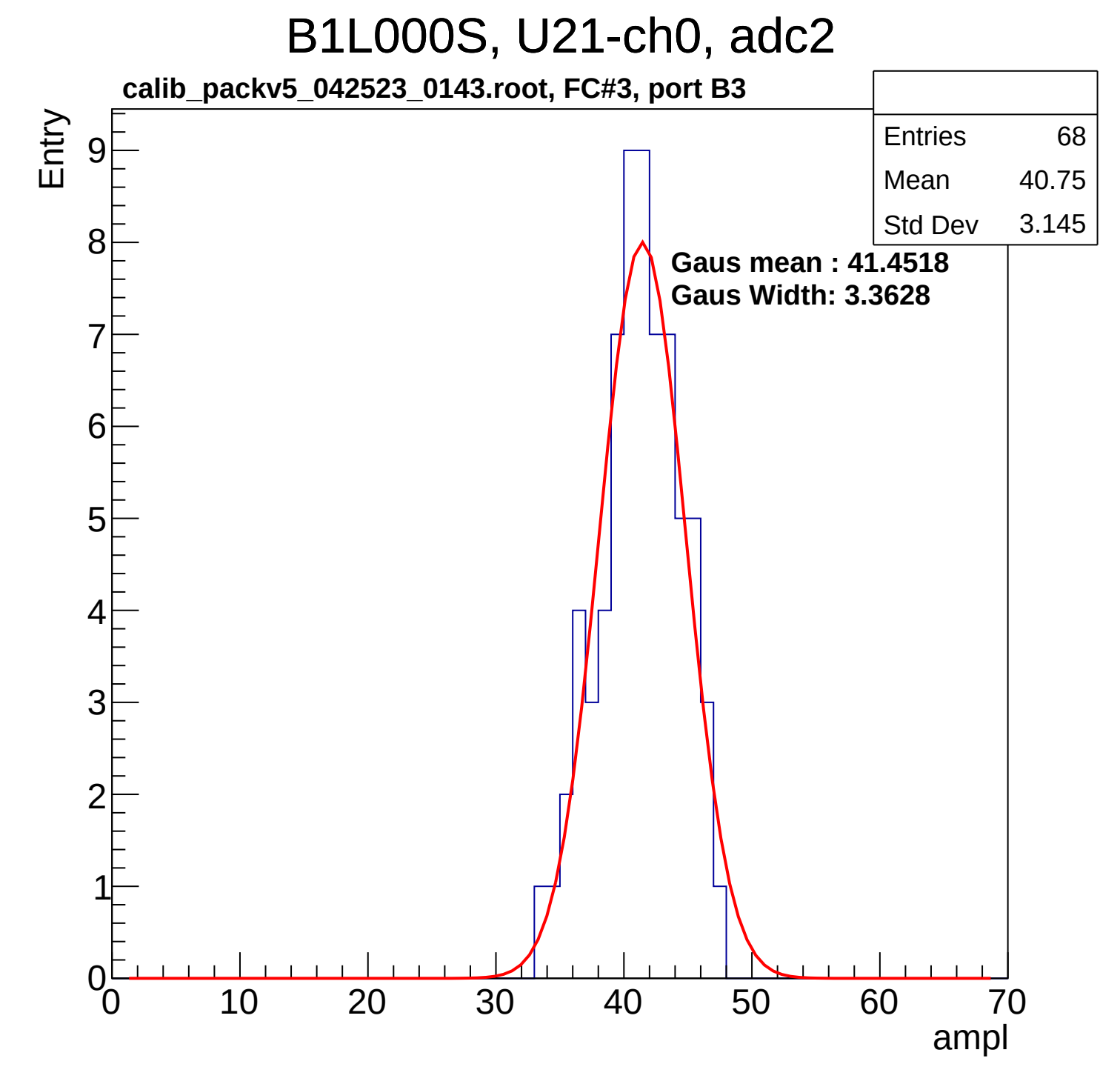
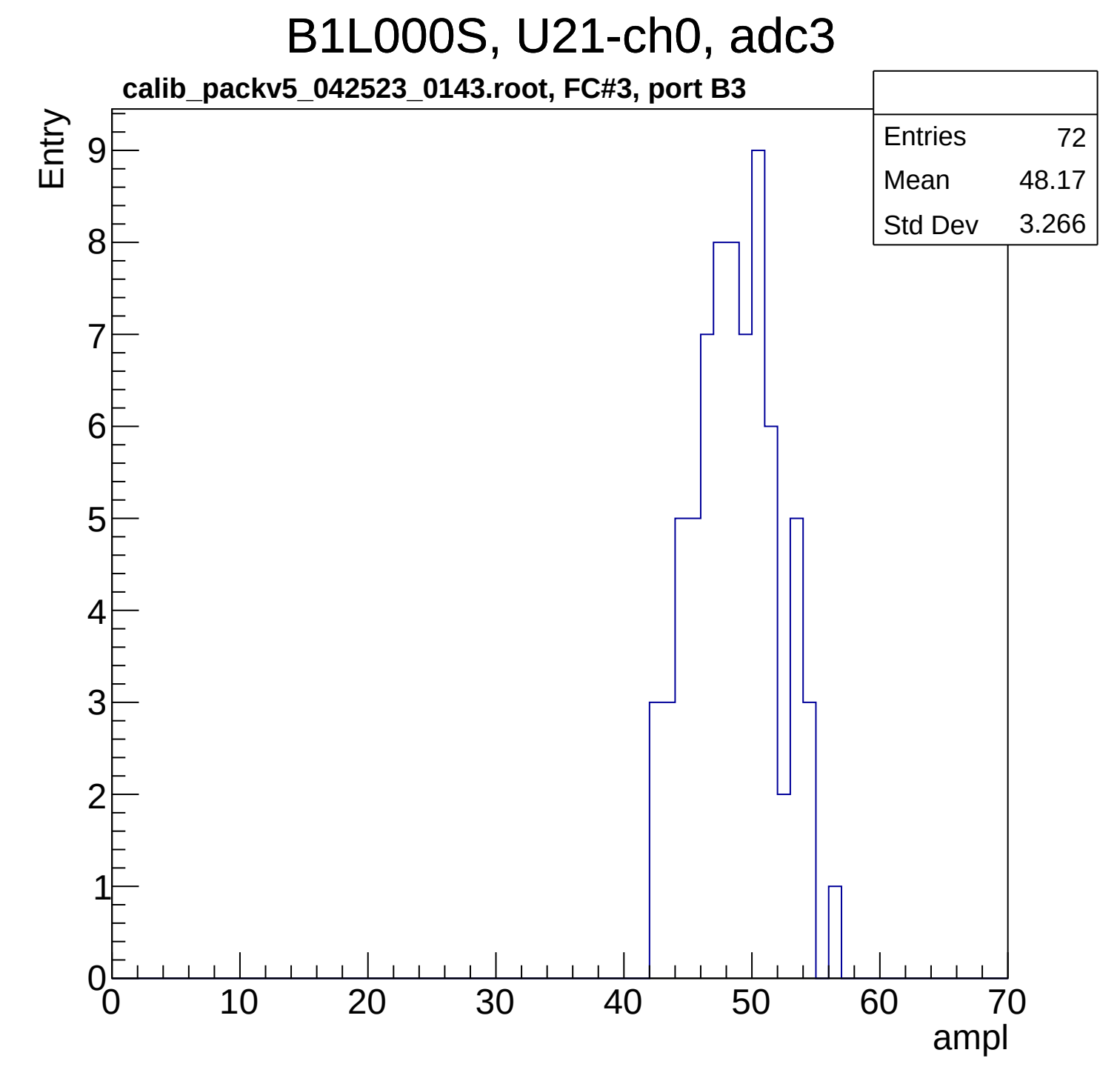
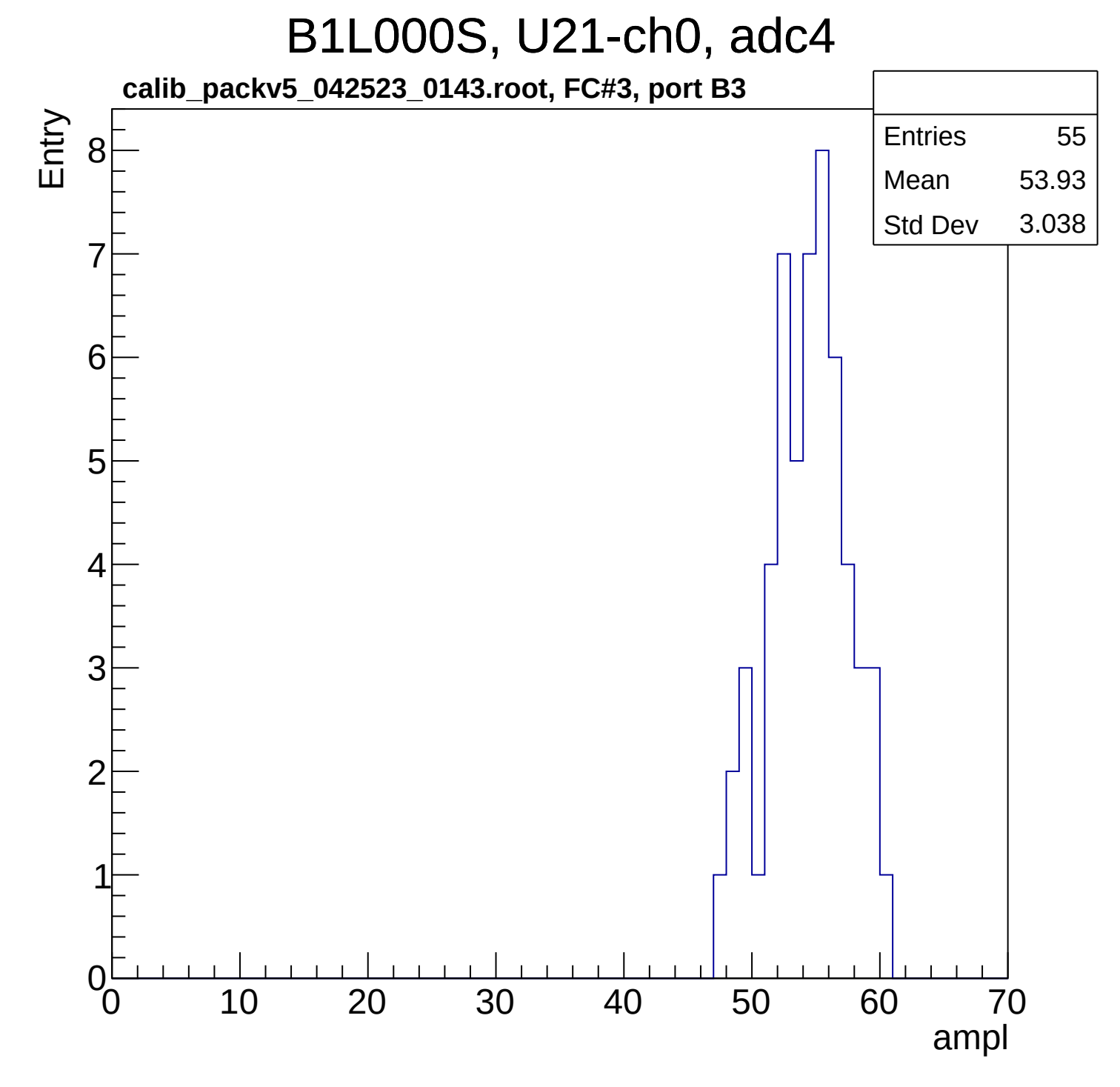
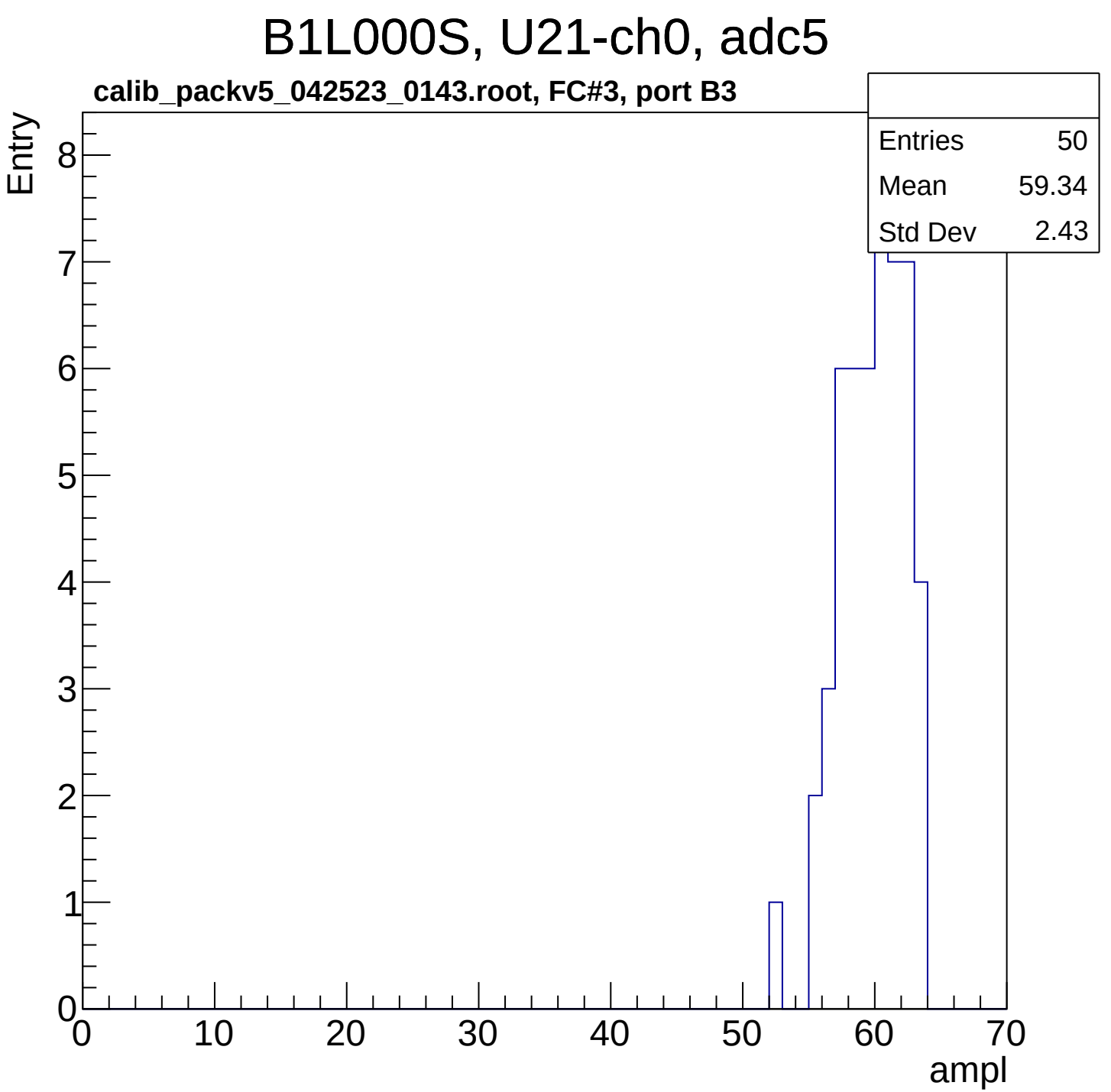

B1L000S, U21-ch0, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 29.23
Std Dev 2.52
Gaus mean : 29.5791
Gaus Width: 2.5364
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

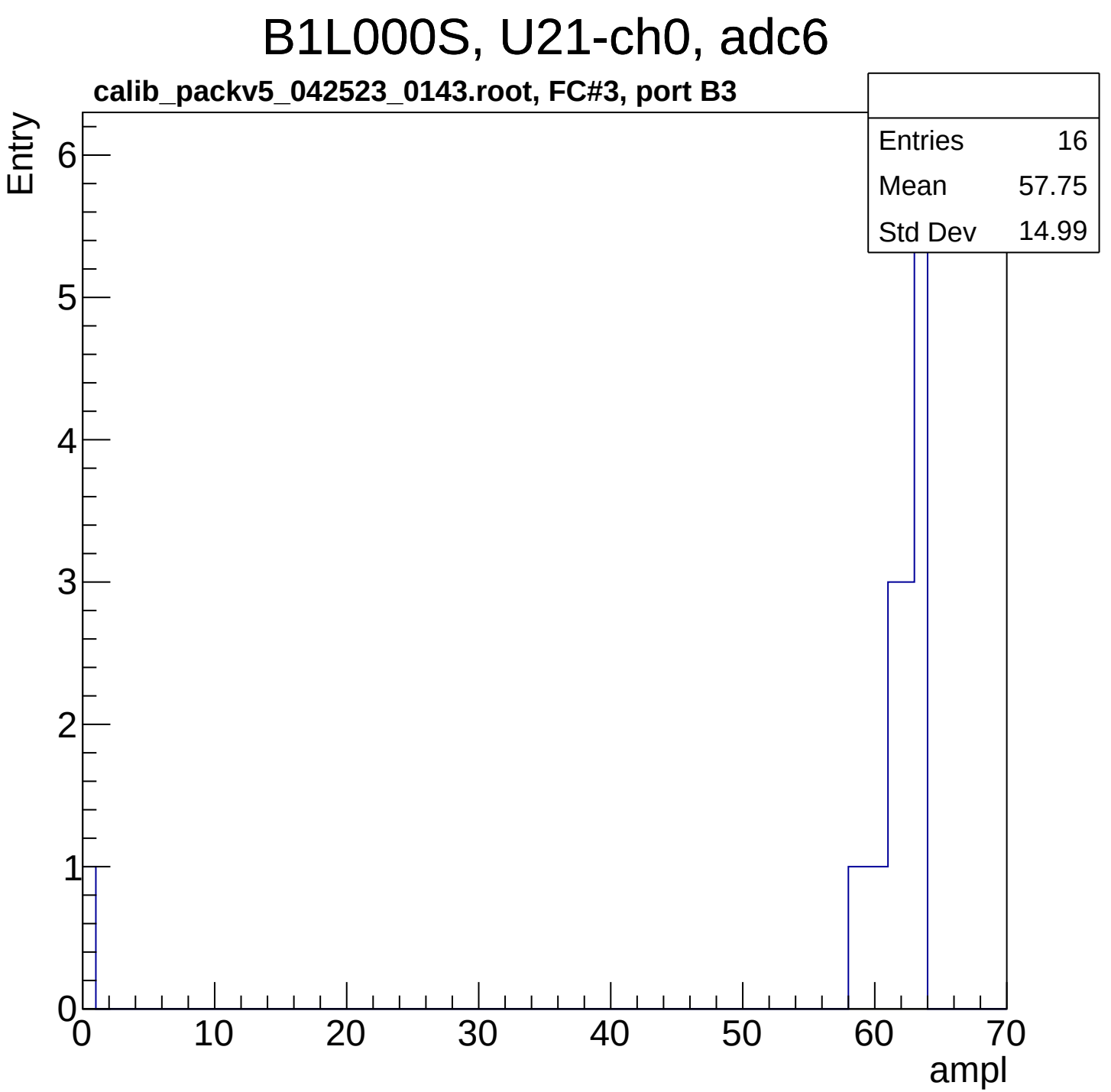

B1L000S, U21-ch0, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 35.06
Std Dev 2.69
Gaus mean : 35.7995
Gaus Width: 2.6255
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

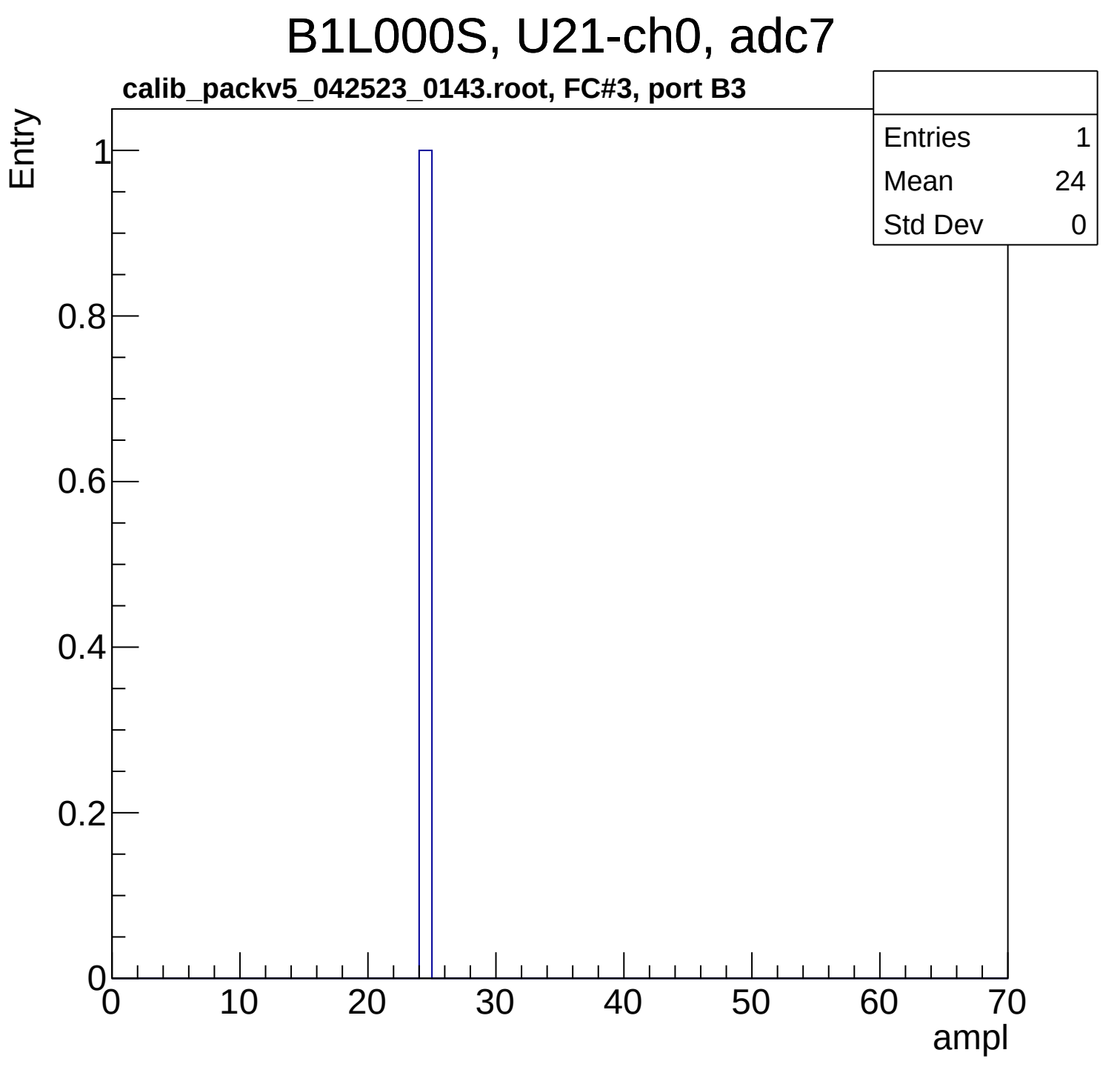

B1L000S, U21-ch0, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 40.75
Std Dev 3.145
Gaus mean : 41.4518
Gaus Width: 3.3628
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

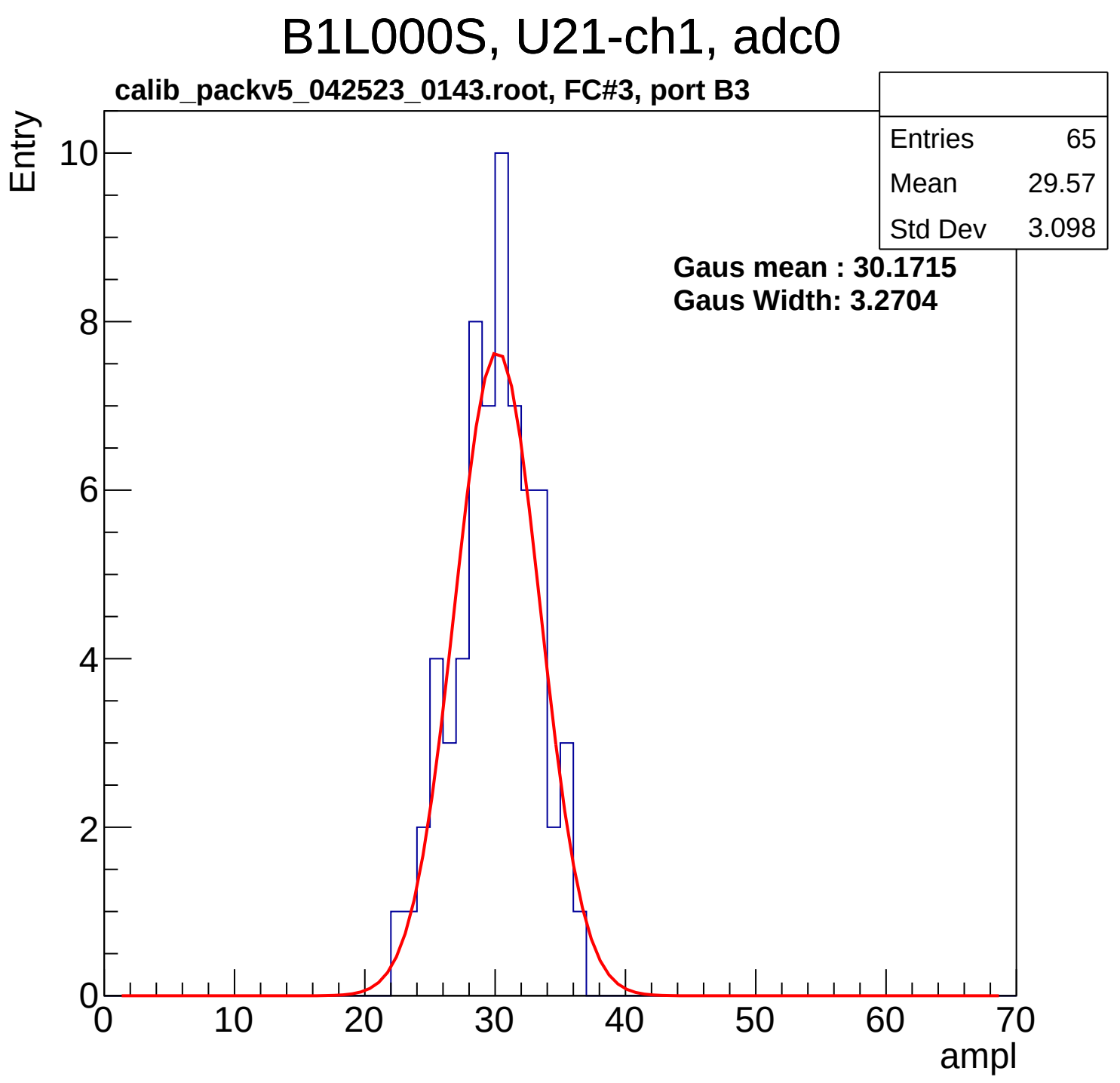

B1L000S, U21-ch0, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 48.17
Std Dev 3.266
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

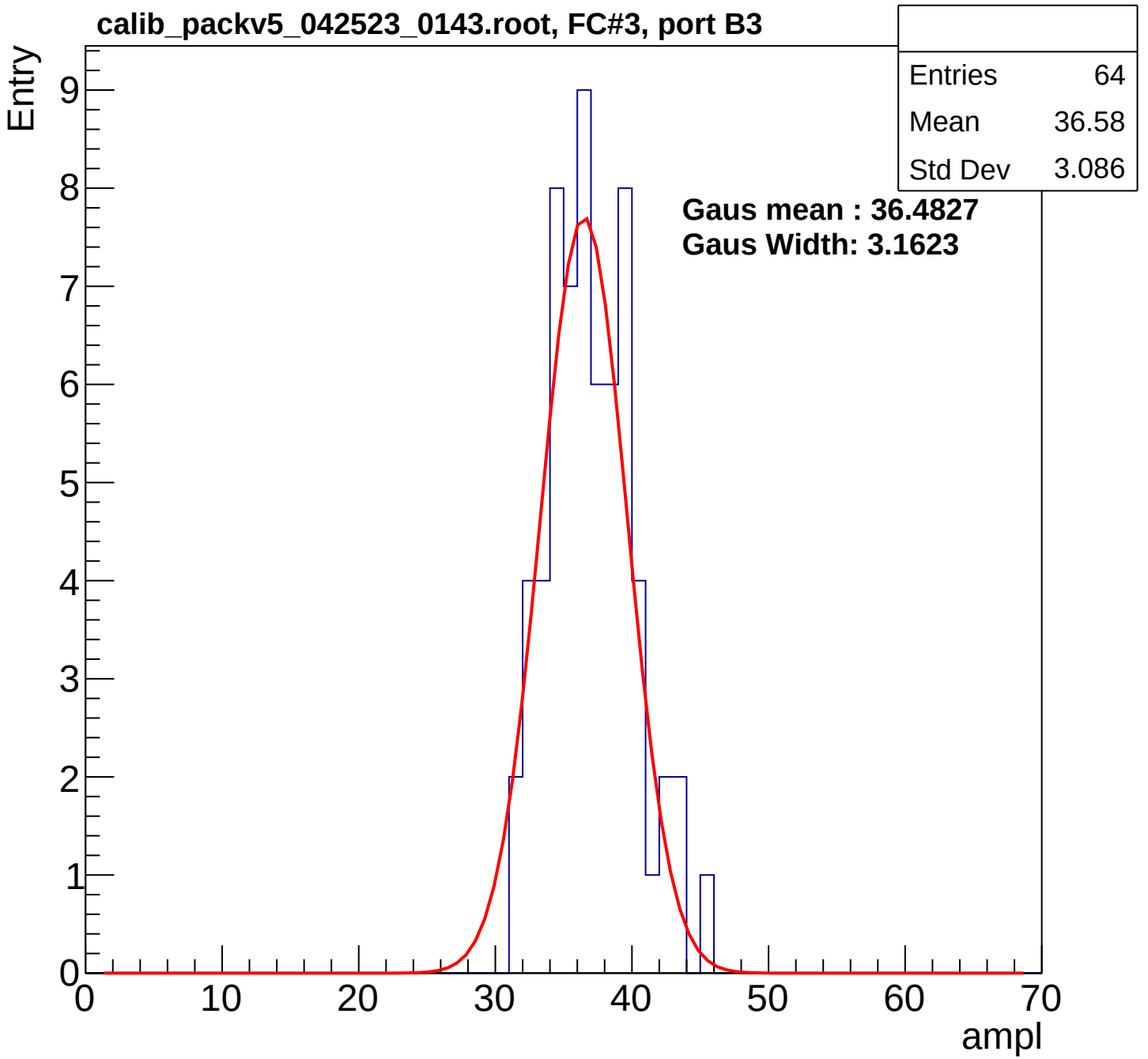

B1L000S, U21-ch0, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 53.93
Std Dev 3.038
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

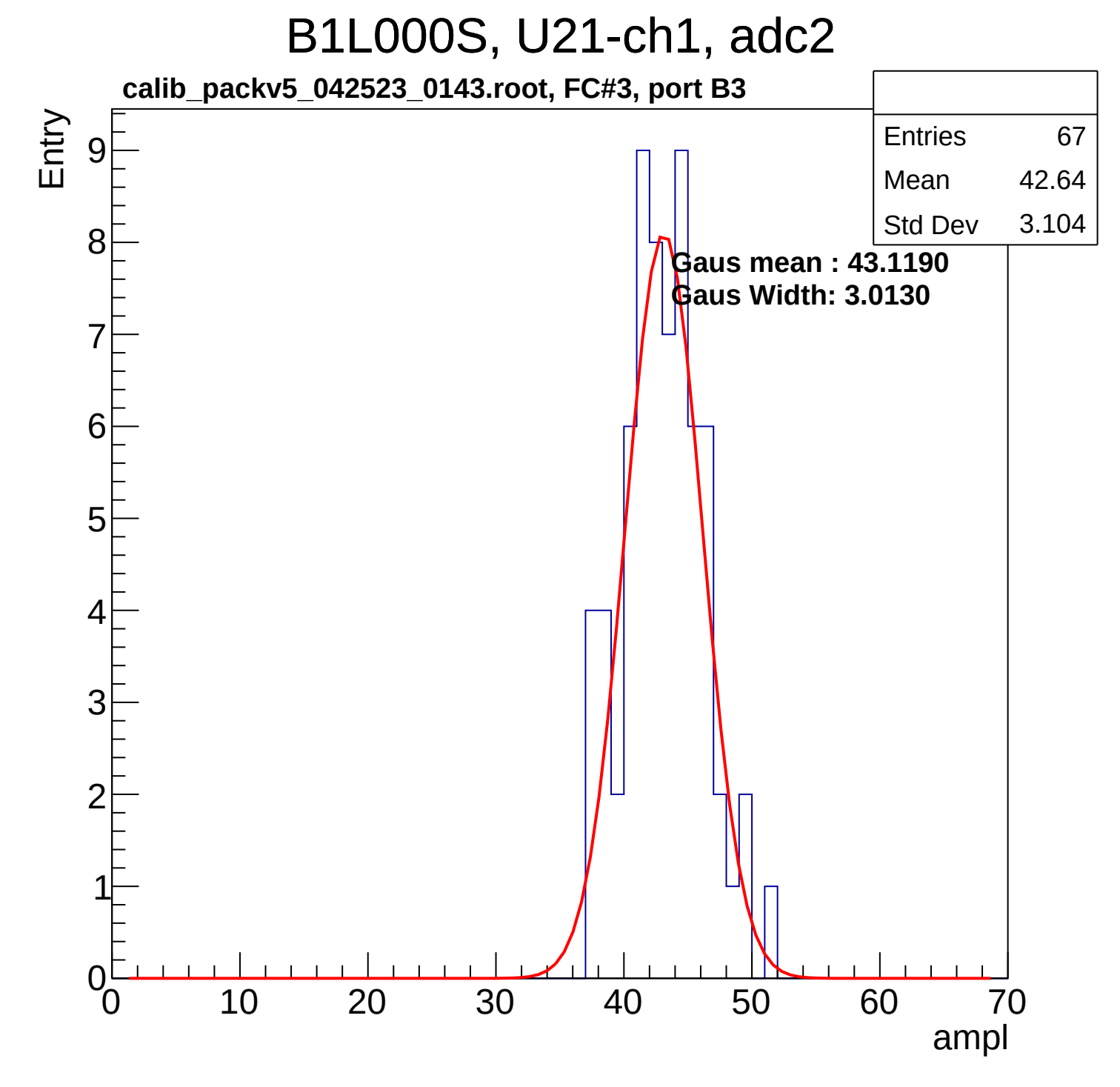

B1L000S, U21-ch0, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 59.34
Std Dev 2.43
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

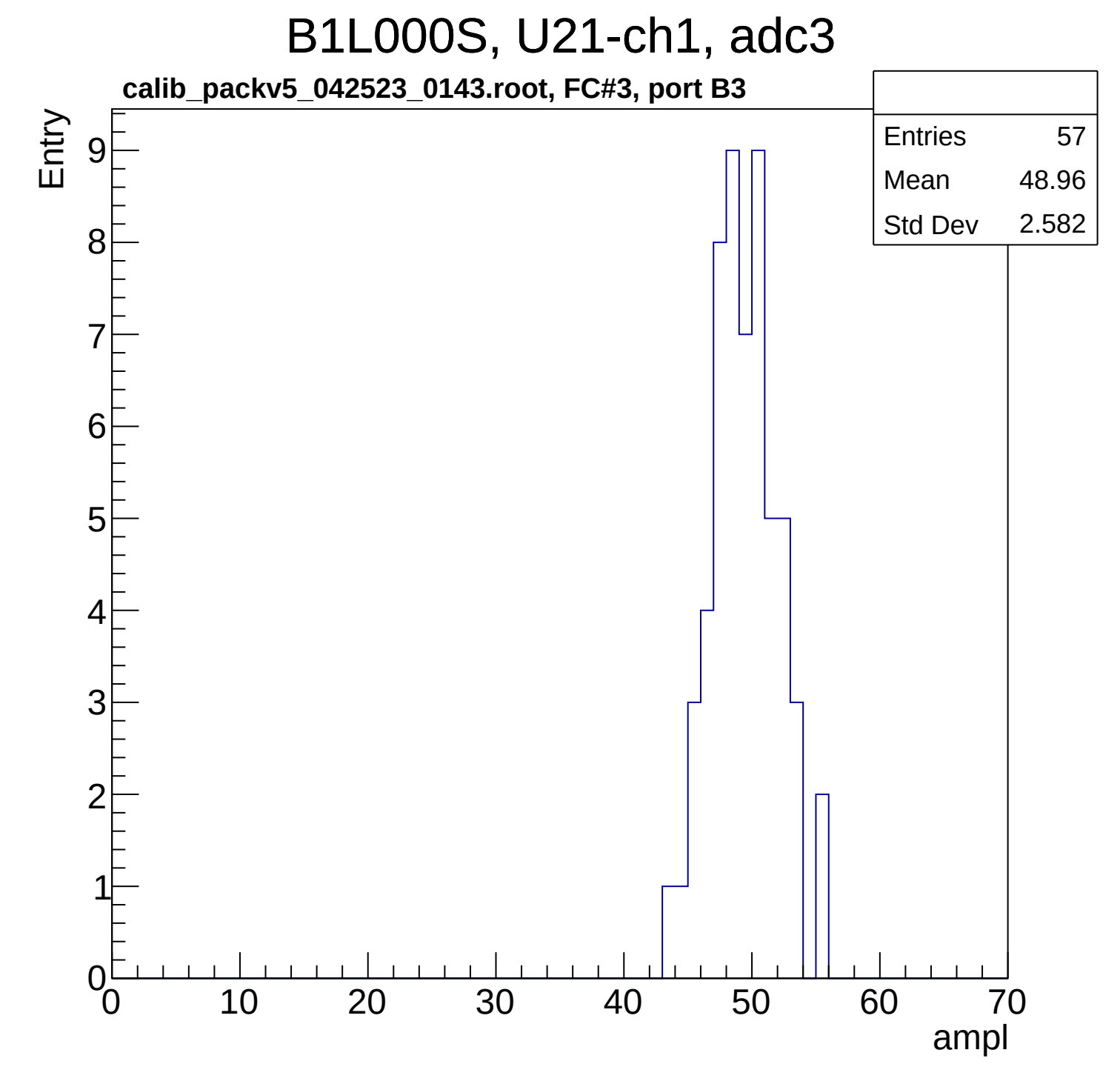

B1L000S, U21-ch0, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 57.75
Std Dev 14.99
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

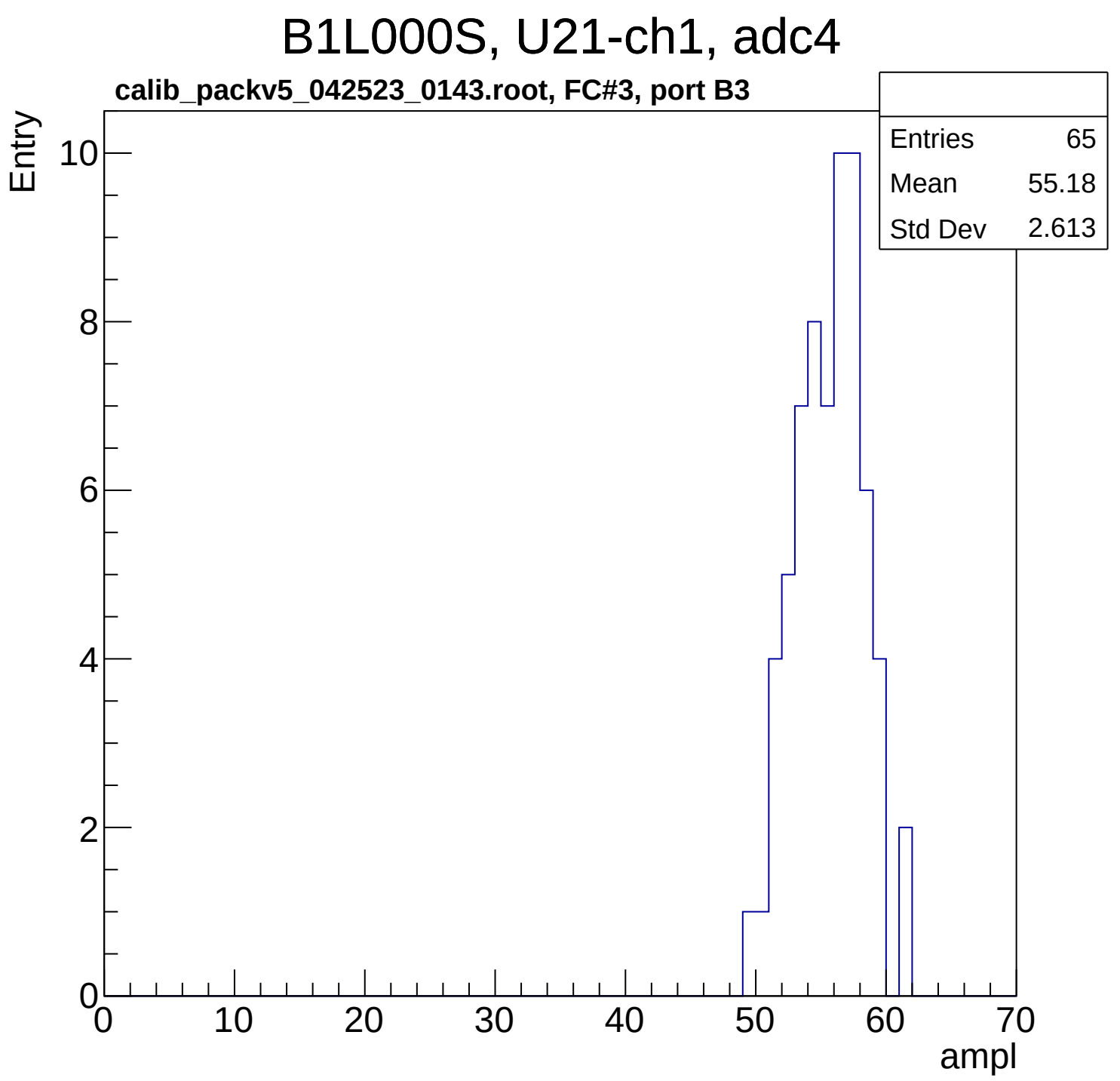

B1L000S, U21-ch0, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 24
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

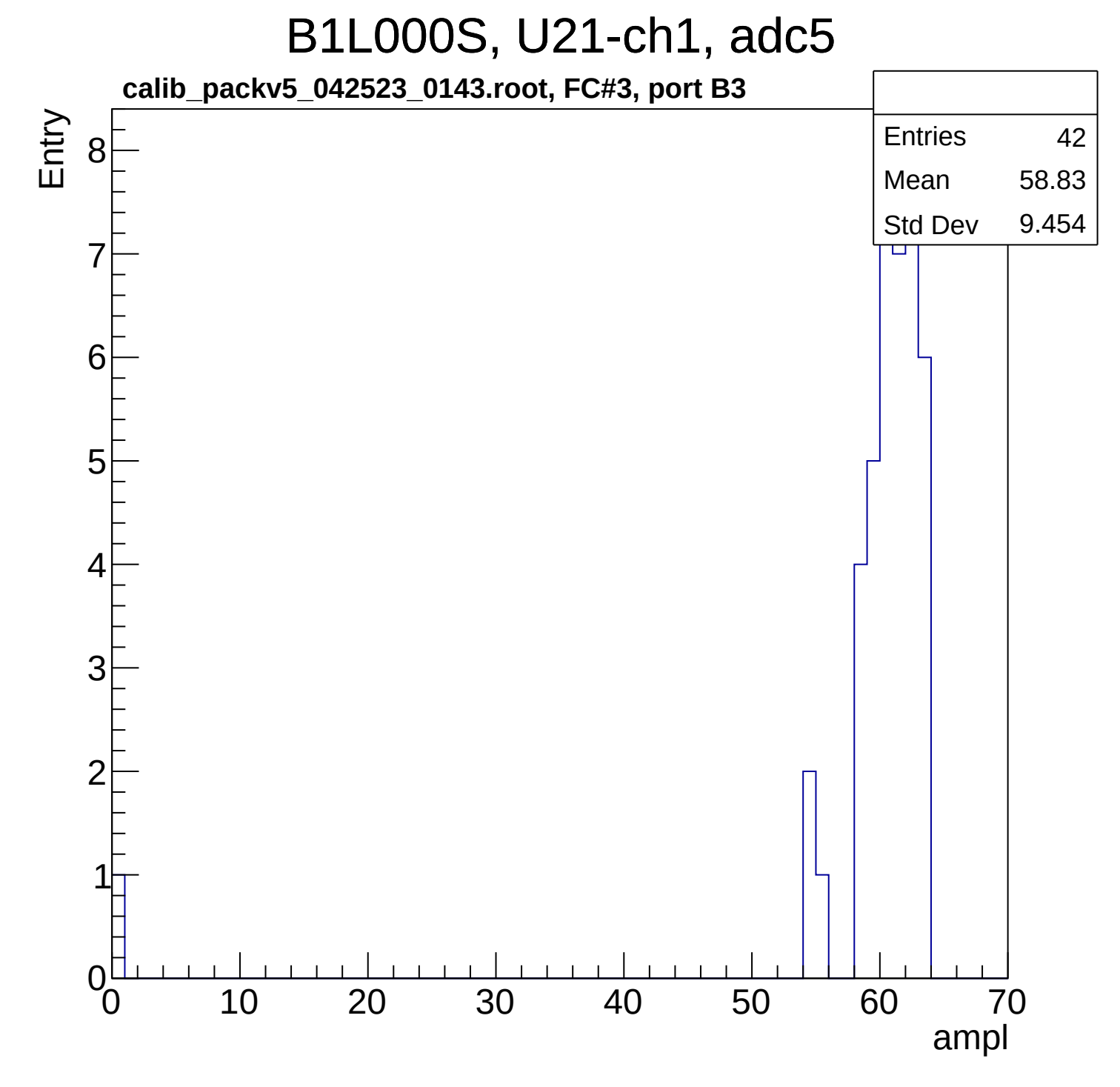

B1L000S, U21-ch1, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 29.57
Std Dev 3.098
Gaus mean : 30.1715
Gaus Width: 3.2704
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

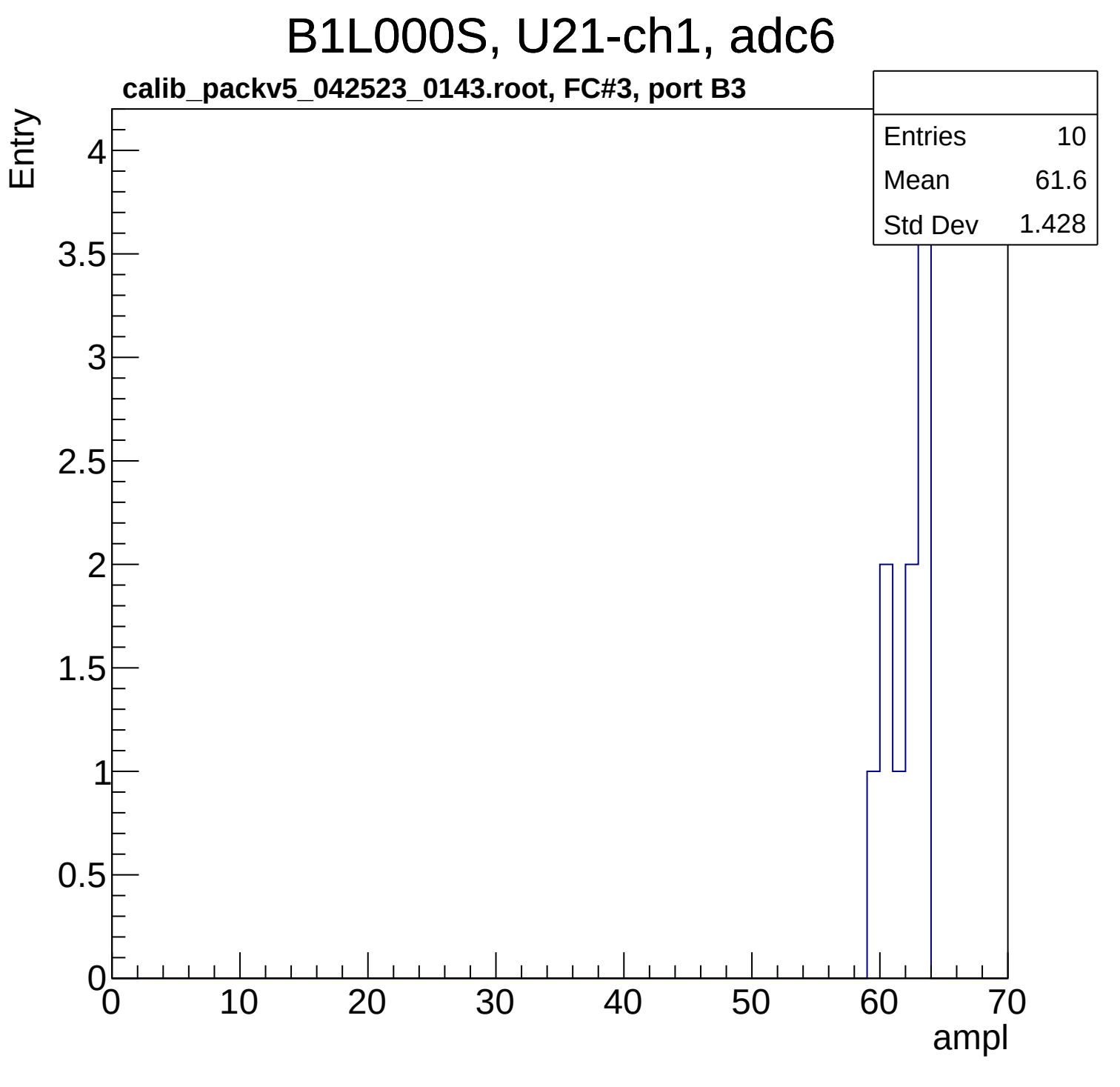

B1L000S, U21-ch1, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 36.58
Std Dev 3.086
Gaus mean : 36.4827
Gaus Width: 3.1623
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

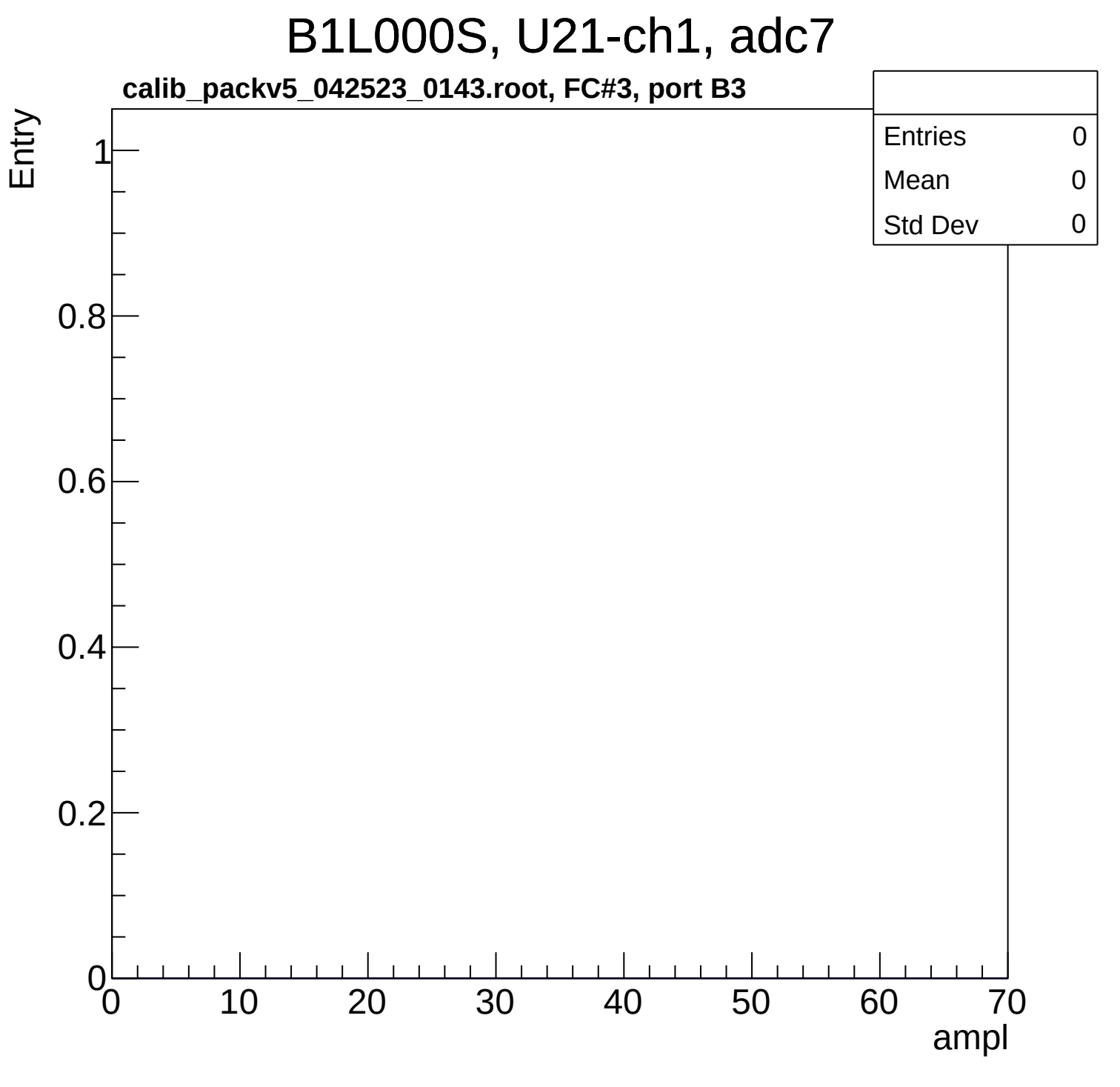

B1L000S, U21-ch1, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 42.64
Std Dev 3.104
Gaus mean : 43.1190
Gaus Width: 3.0130
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

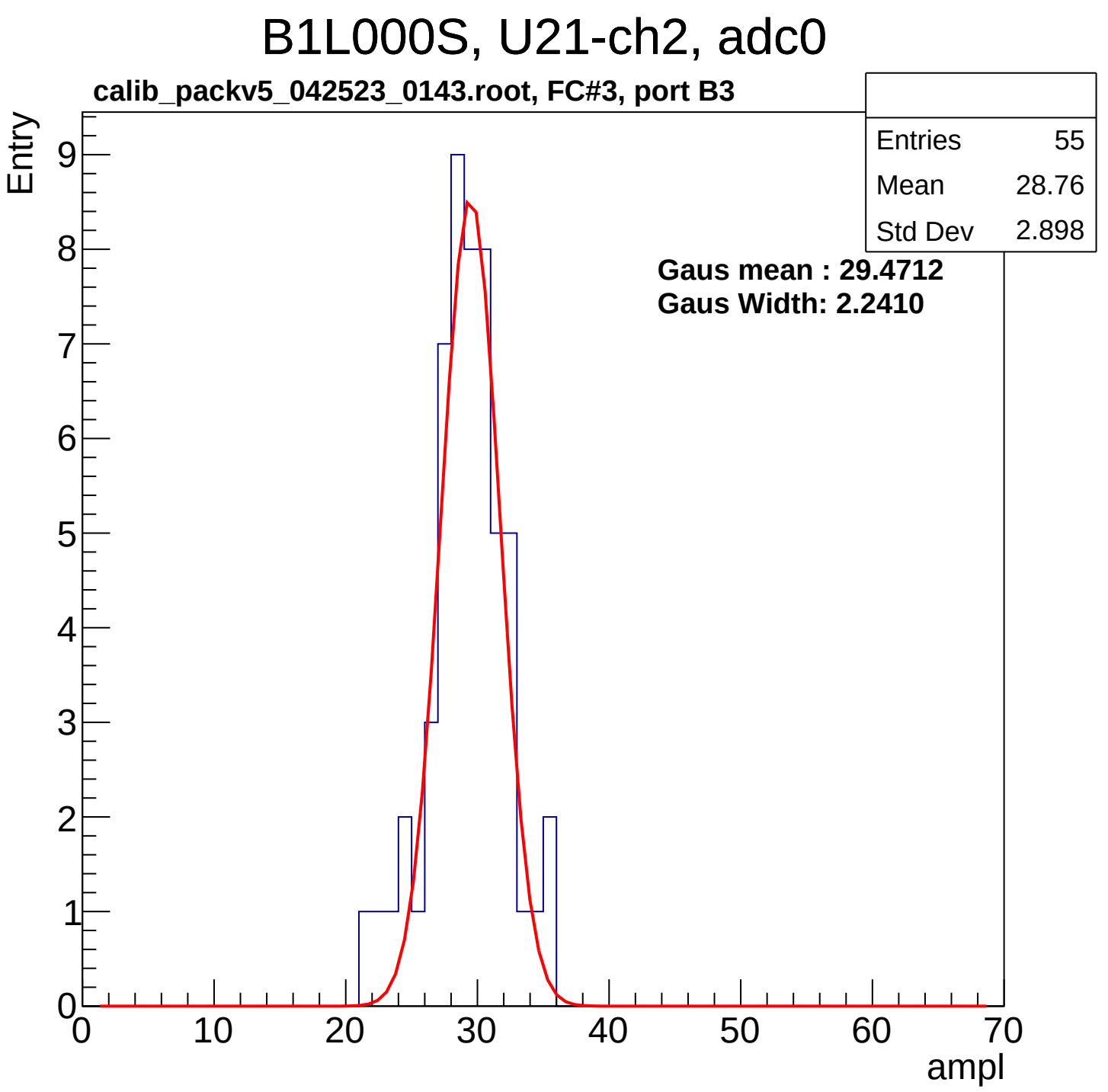

B1L000S, U21-ch1, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 48.96
Std Dev 2.582
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

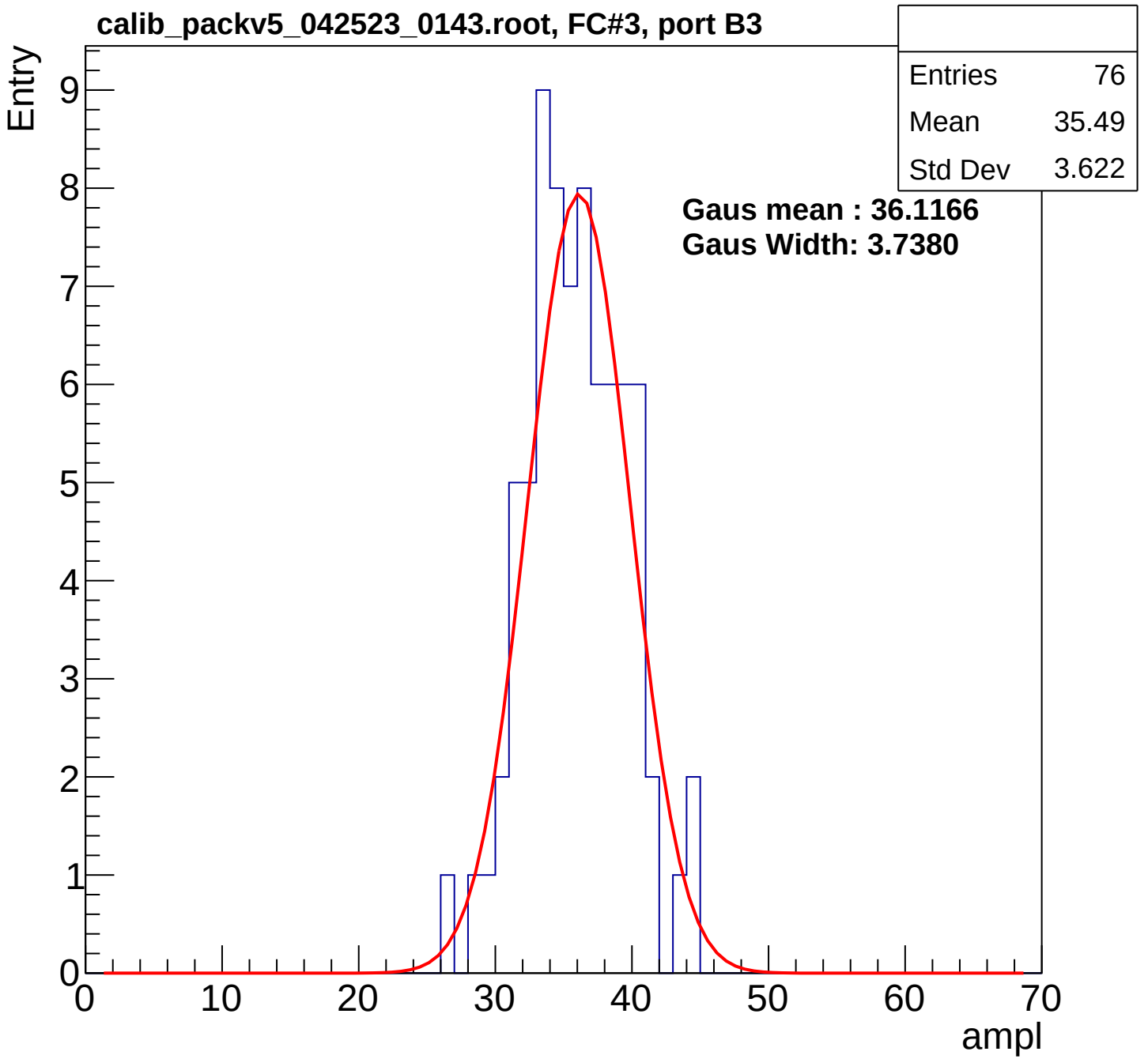

B1L000S, U21-ch1, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 55.18
Std Dev 2.613
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

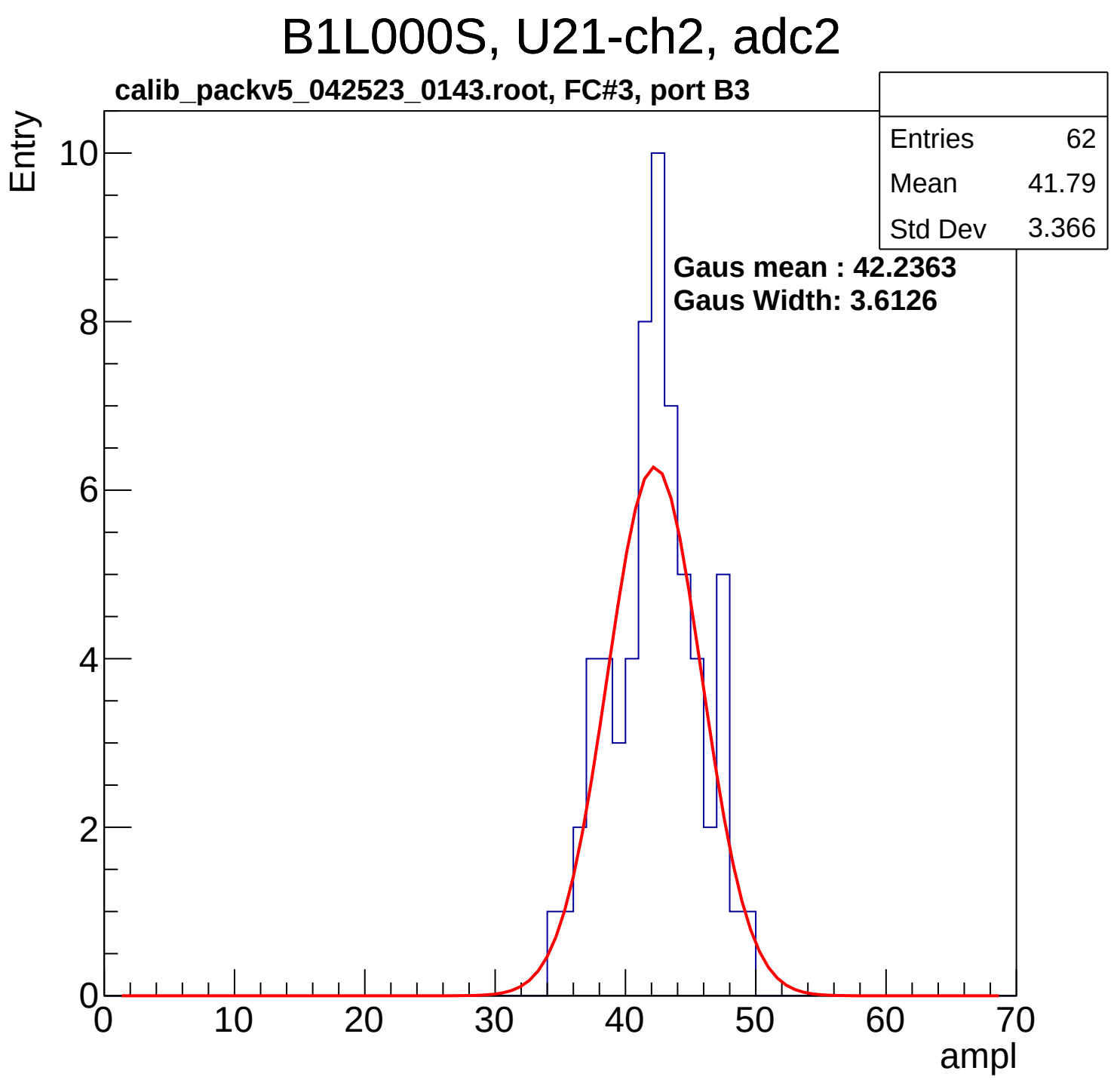

B1L000S, U21-ch1, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 58.83
Std Dev 9.454
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

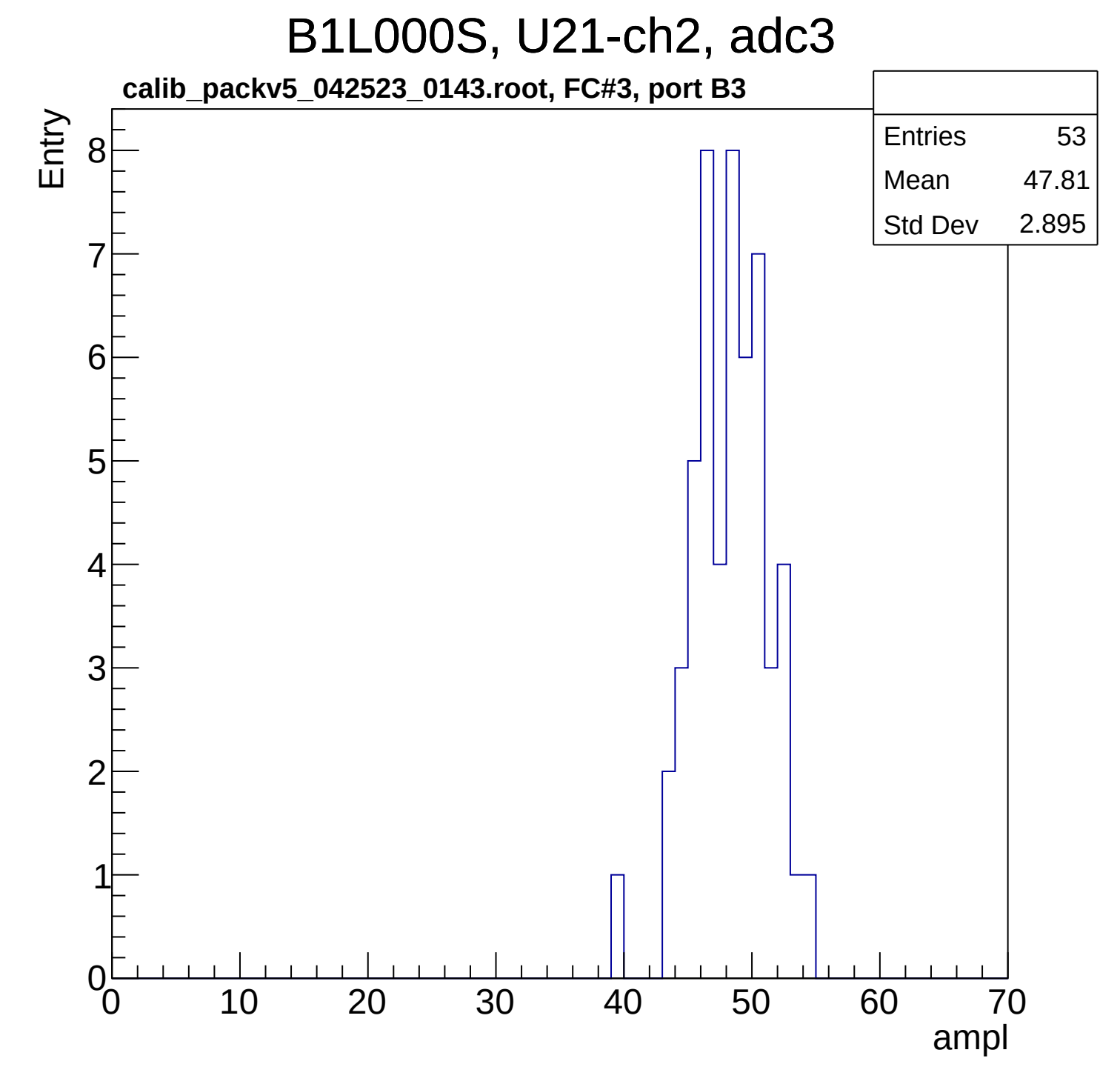

B1L000S, U21-ch1, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 10
Mean 61.6
Std Dev 1.428
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

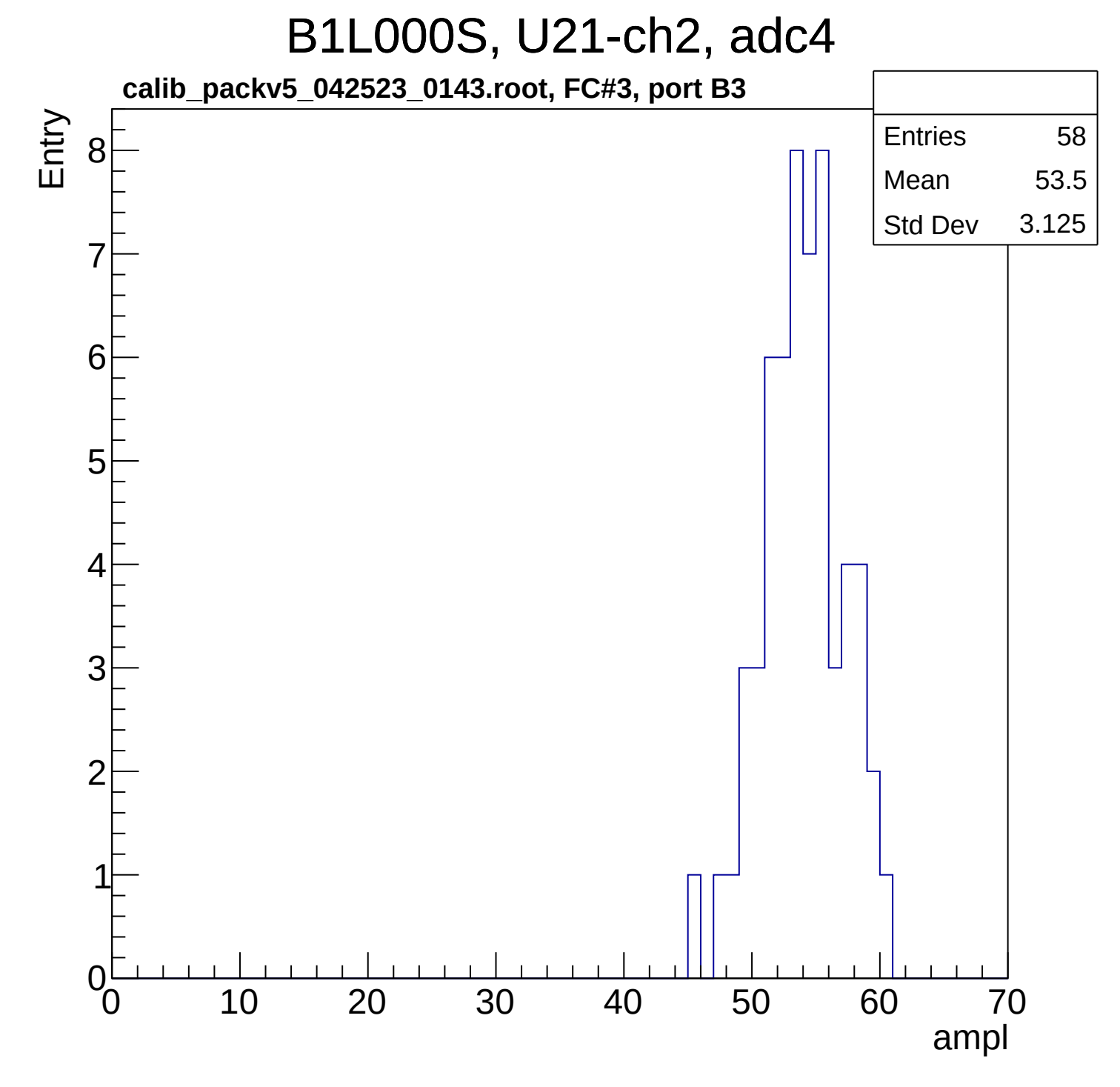

B1L000S, U21-ch1, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

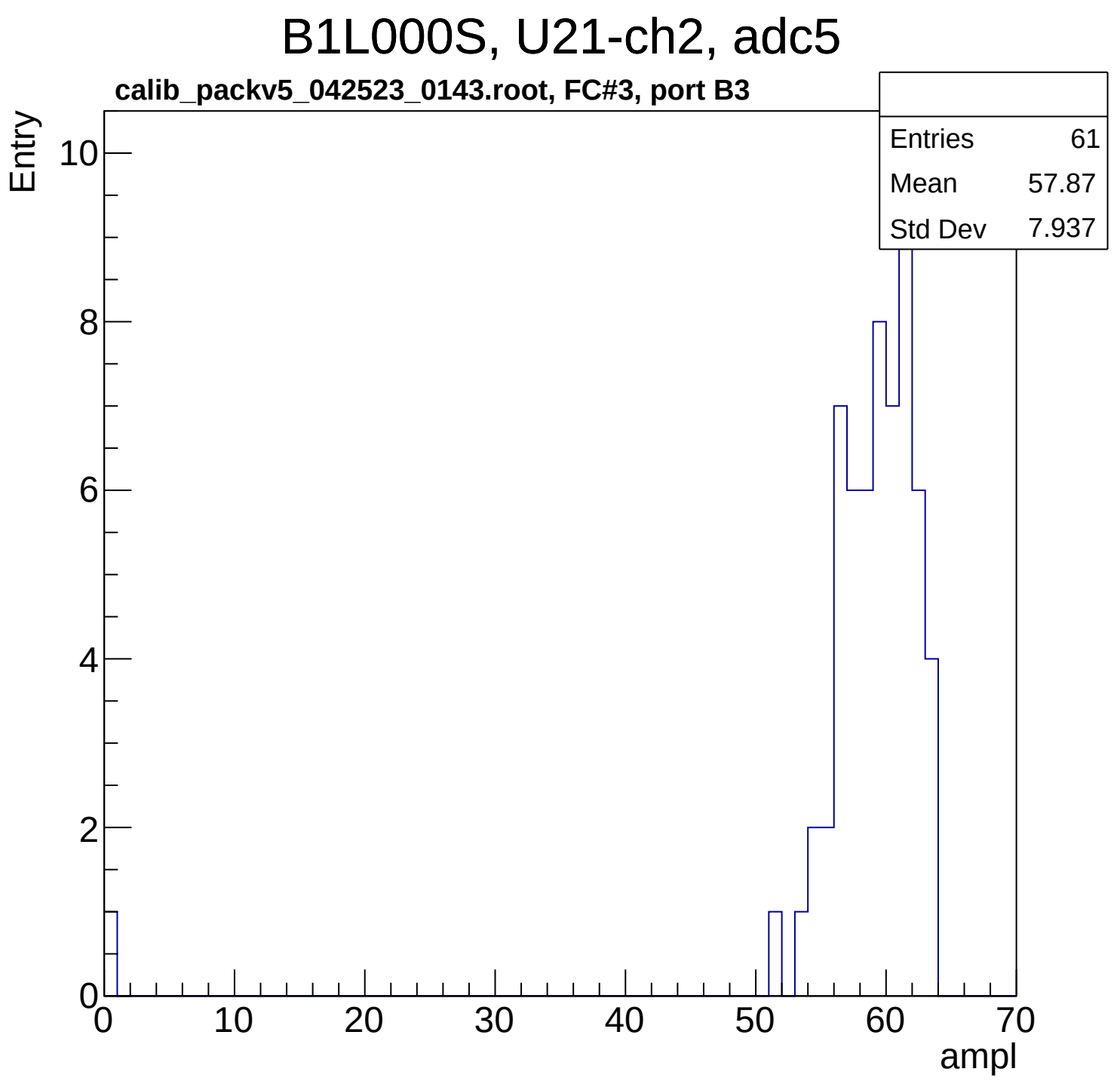

B1L000S, U21-ch2, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 28.76
Std Dev 2.898
Gaus mean : 29.4712
Gaus Width: 2.2410
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

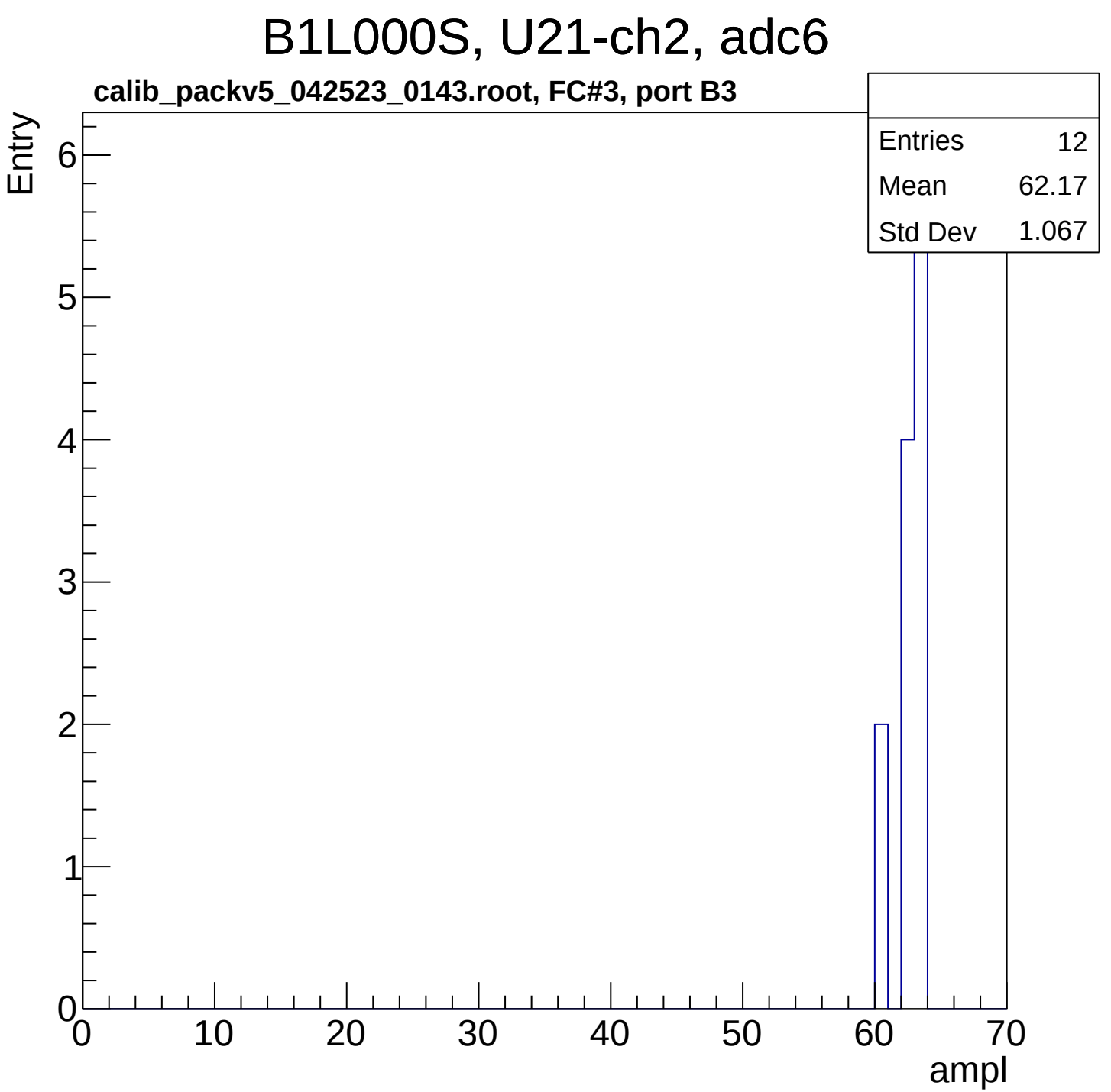

B1L000S, U21-ch2, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 35.49
Std Dev 3.622
Gaus mean : 36.1166
Gaus Width: 3.7380
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

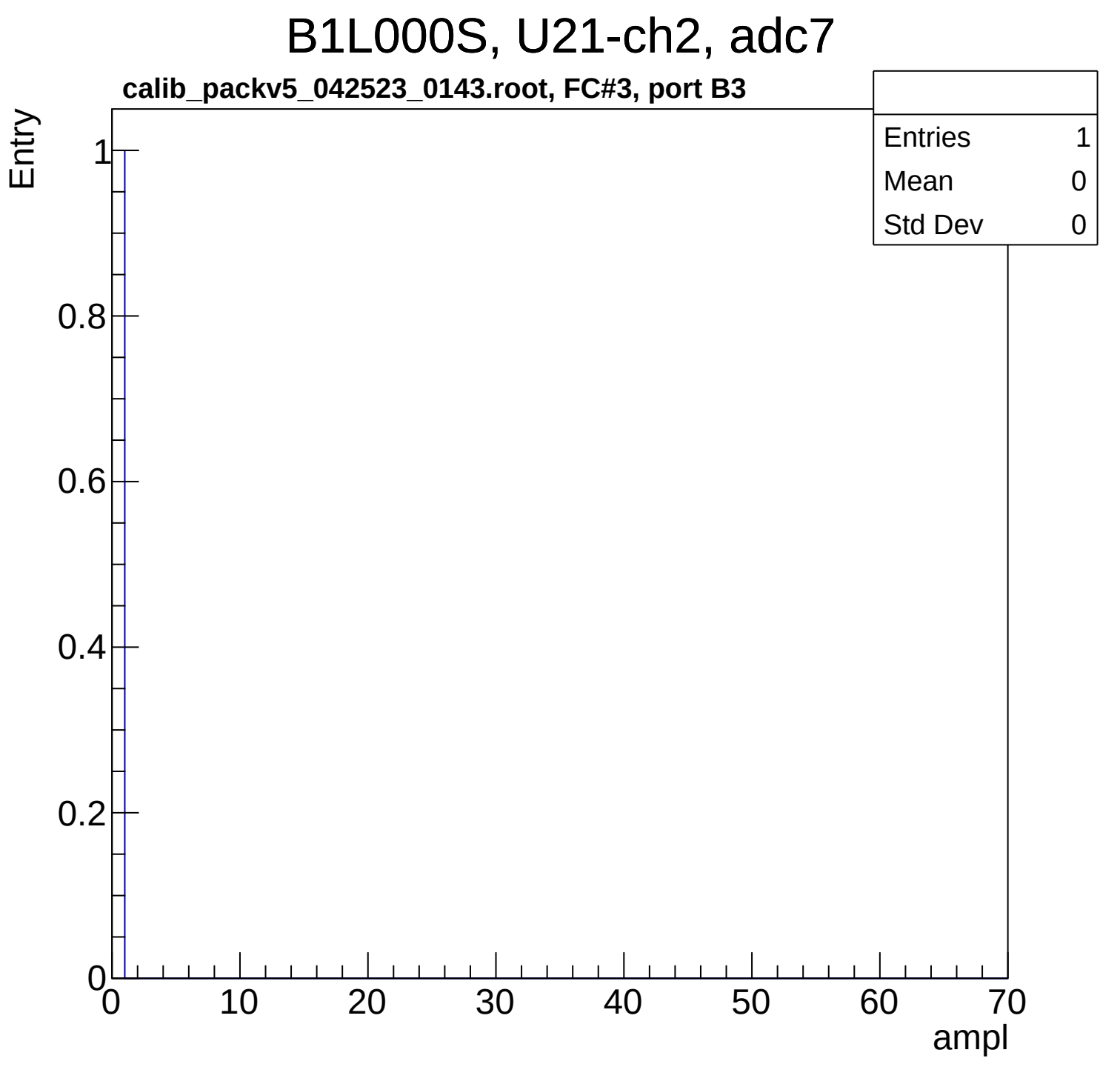

B1L000S, U21-ch2, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 41.79
Std Dev 3.366
Gaus mean : 42.2363
Gaus Width: 3.6126
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

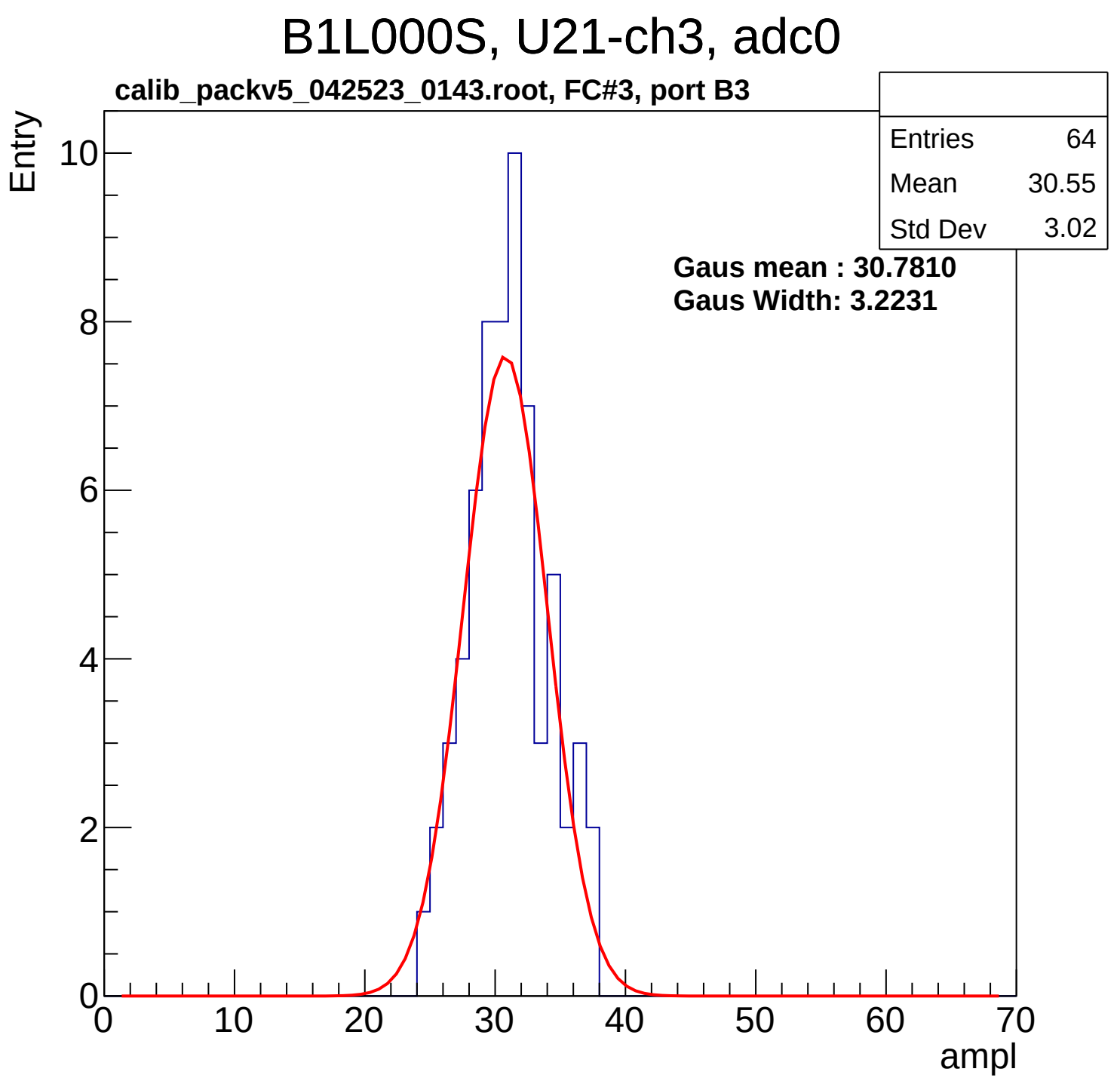

B1L000S, U21-ch2, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 47.81
Std Dev 2.895
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

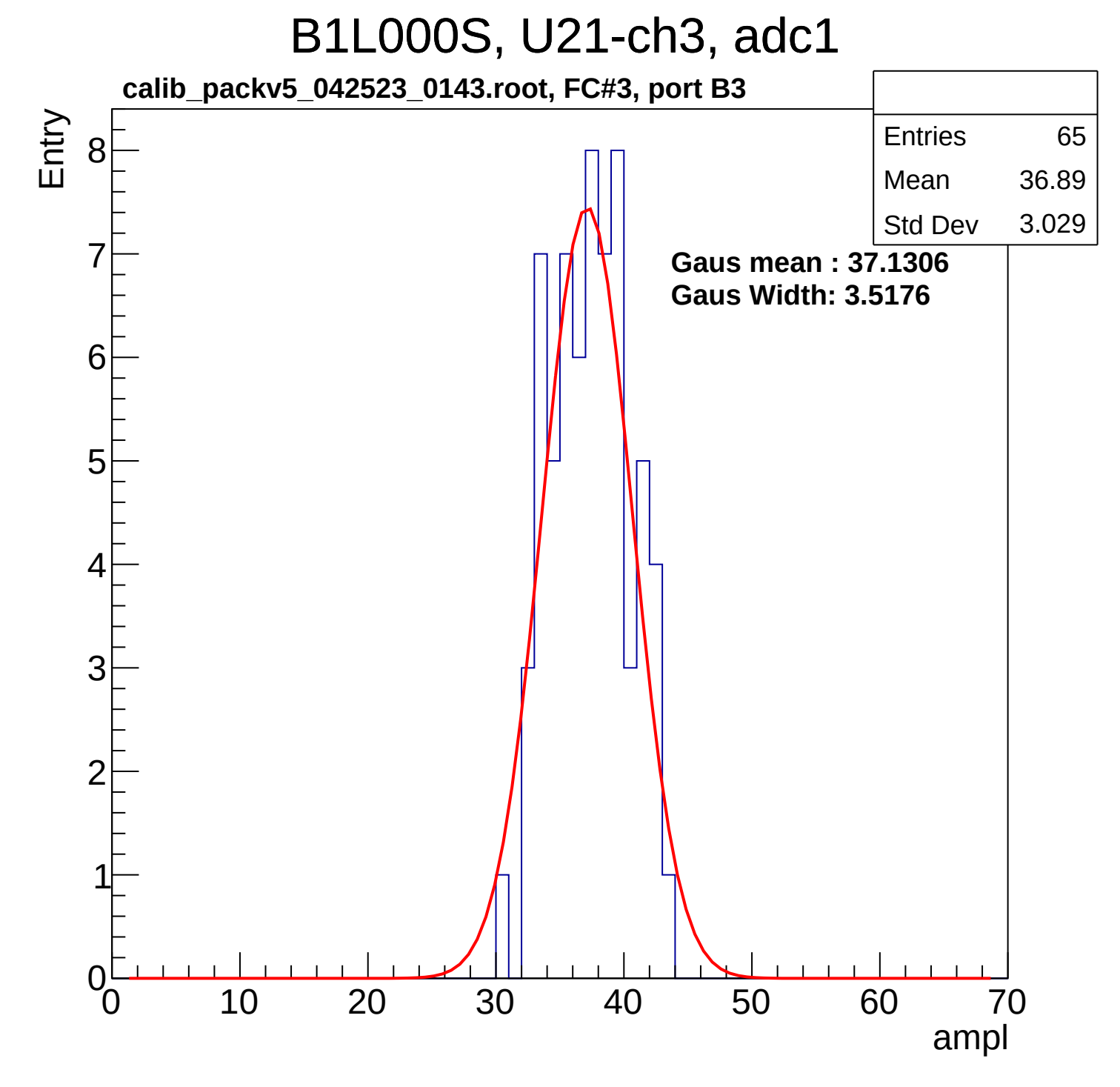

B1L000S, U21-ch2, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 53.5
Std Dev 3.125
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

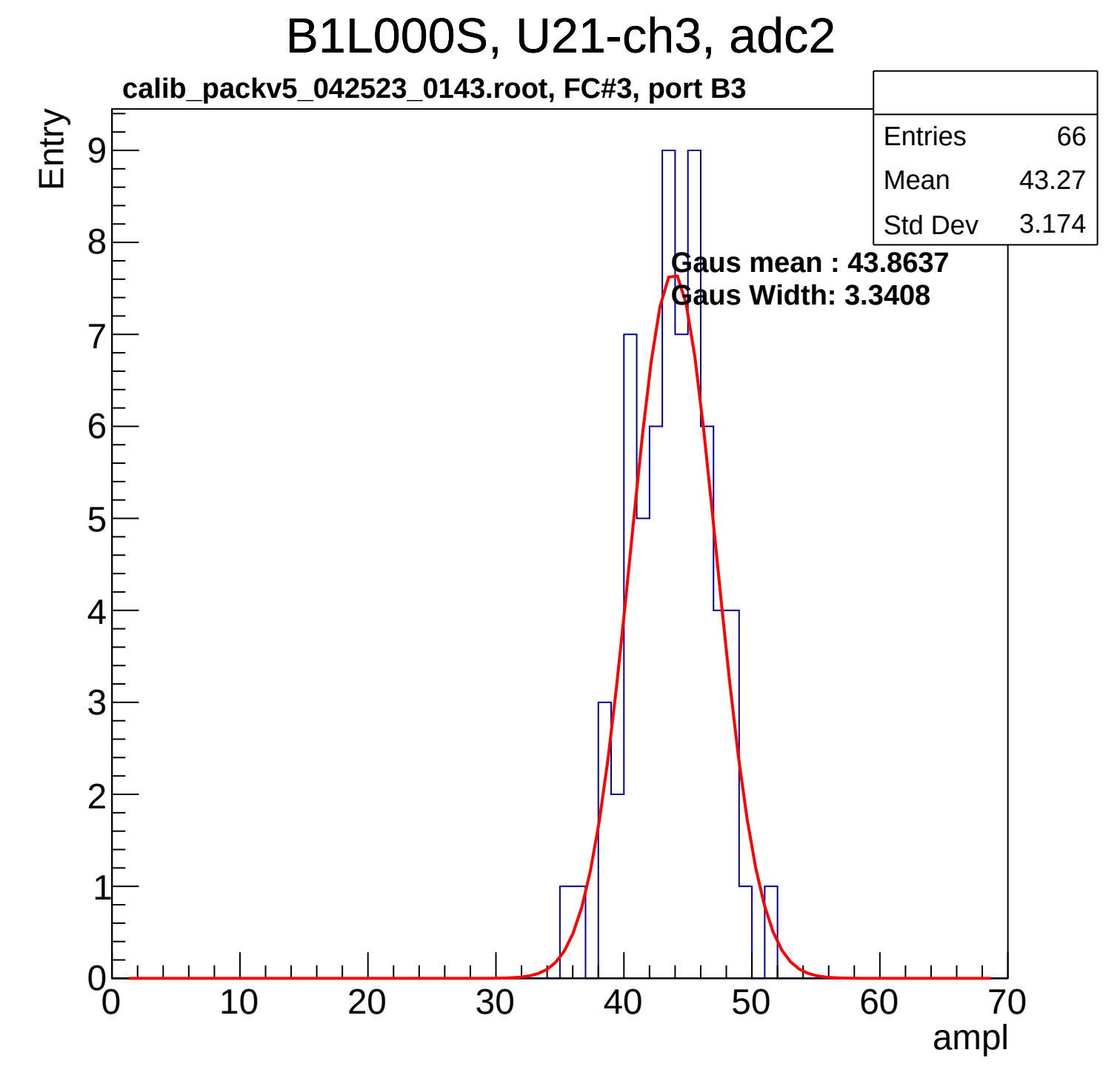

B1L000S, U21-ch2, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 57.87
Std Dev 7.937
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

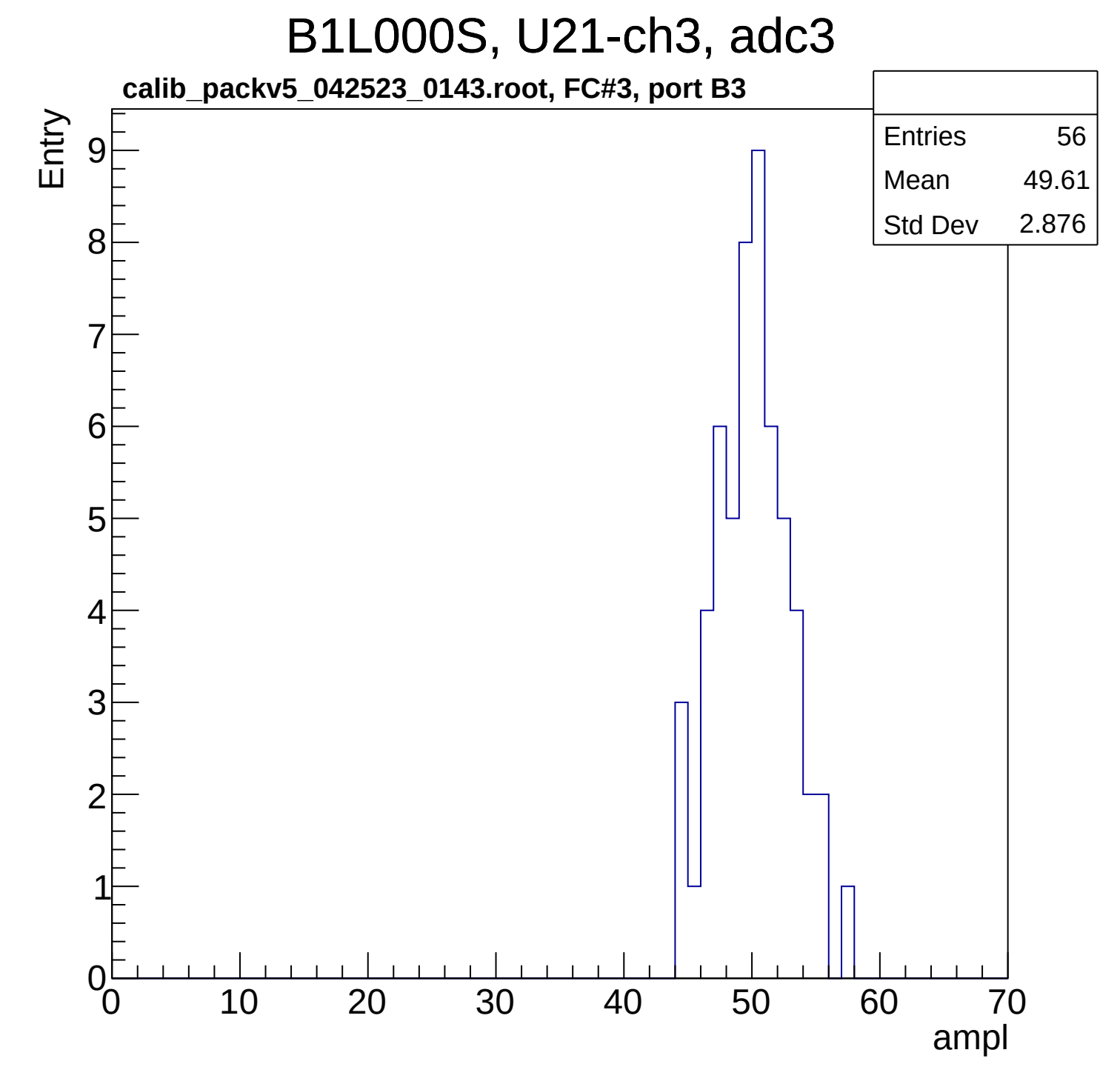

B1L000S, U21-ch2, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 62.17
Std Dev 1.067
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

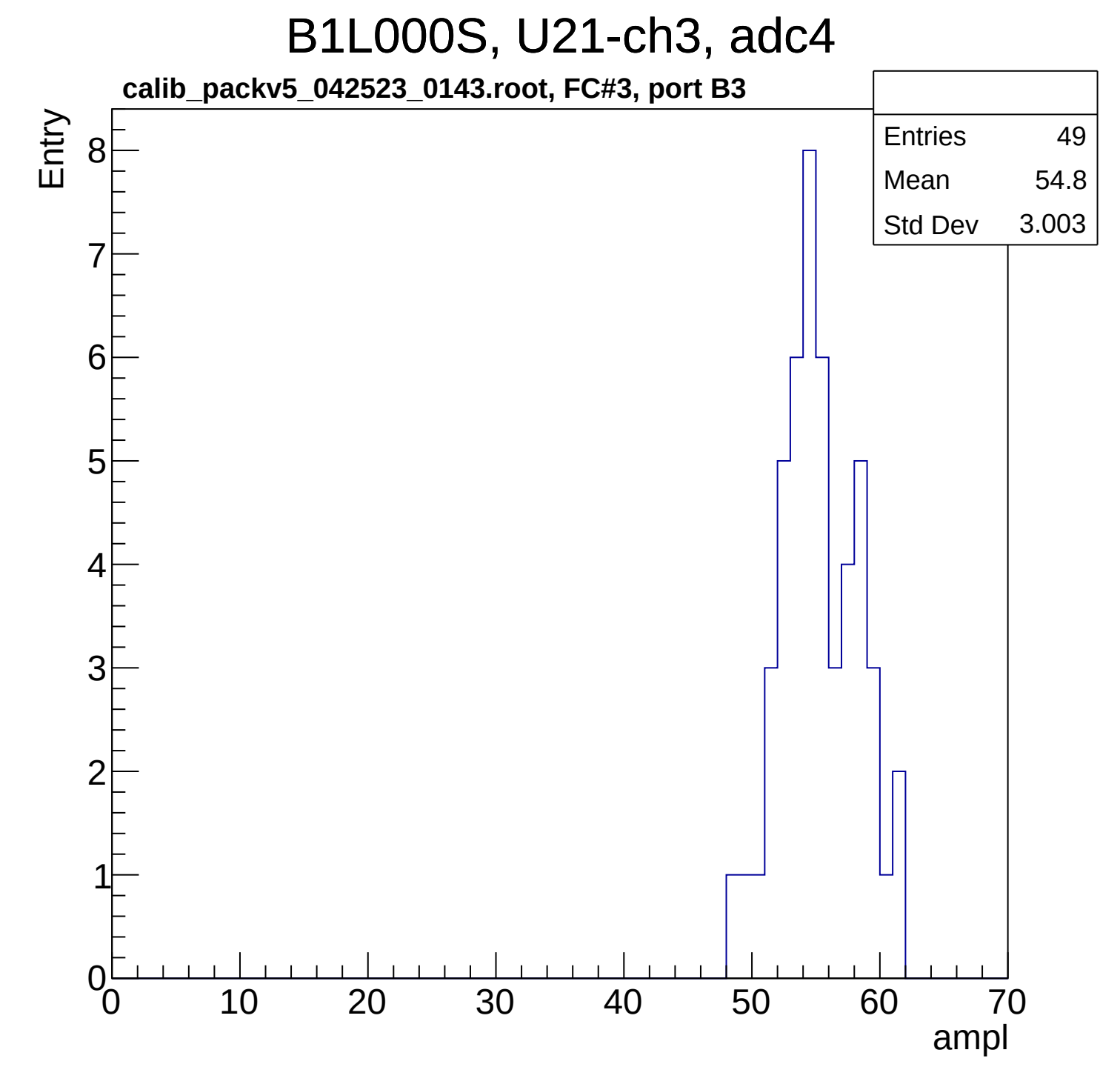

B1L000S, U21-ch2, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

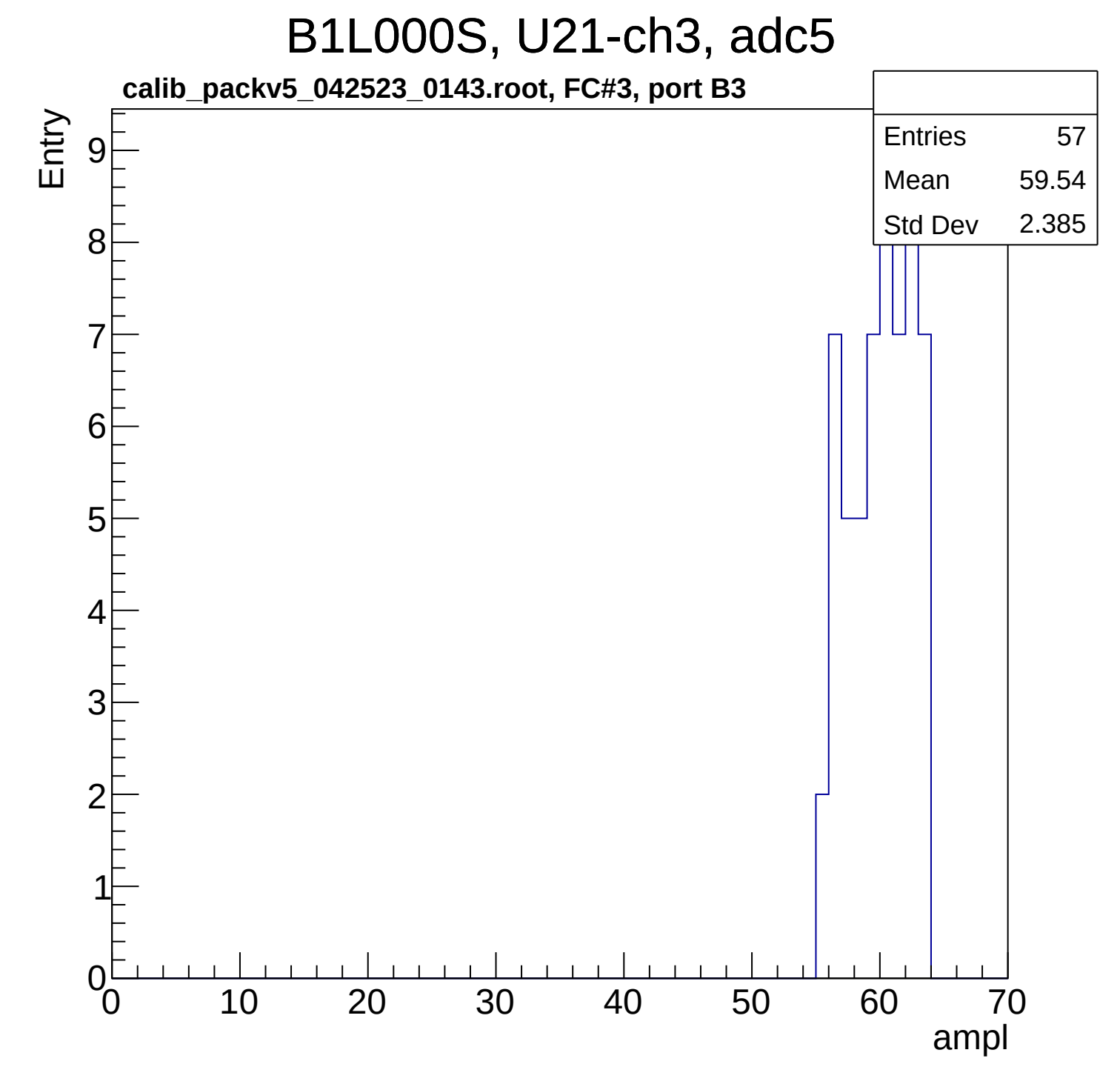

B1L000S, U21-ch3, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 30.55
Std Dev 3.02
Gaus mean : 30.7810
Gaus Width: 3.2231
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

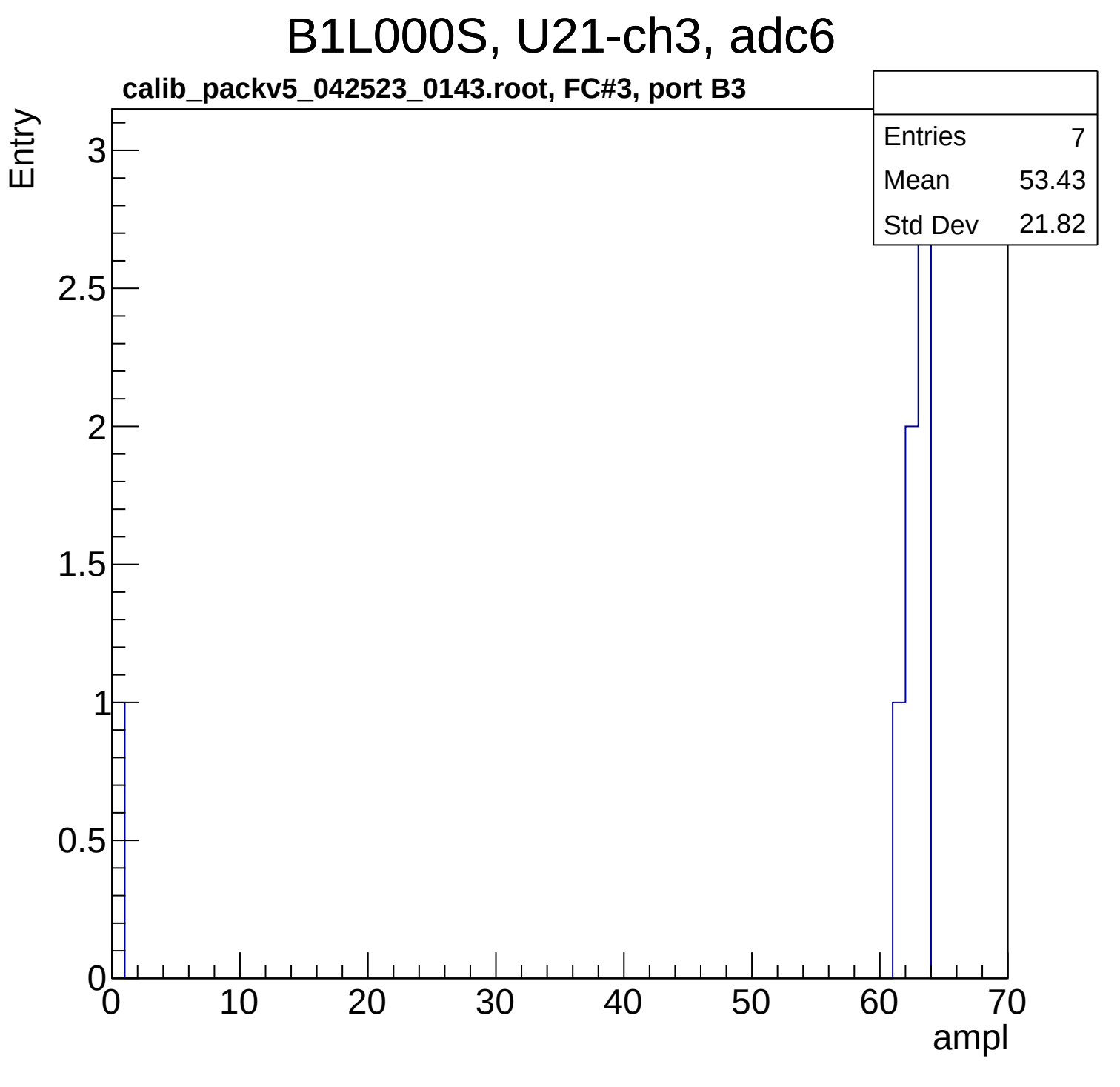

B1L000S, U21-ch3, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 36.89
Std Dev 3.029
Gaus mean : 37.1306
Gaus Width: 3.5176
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

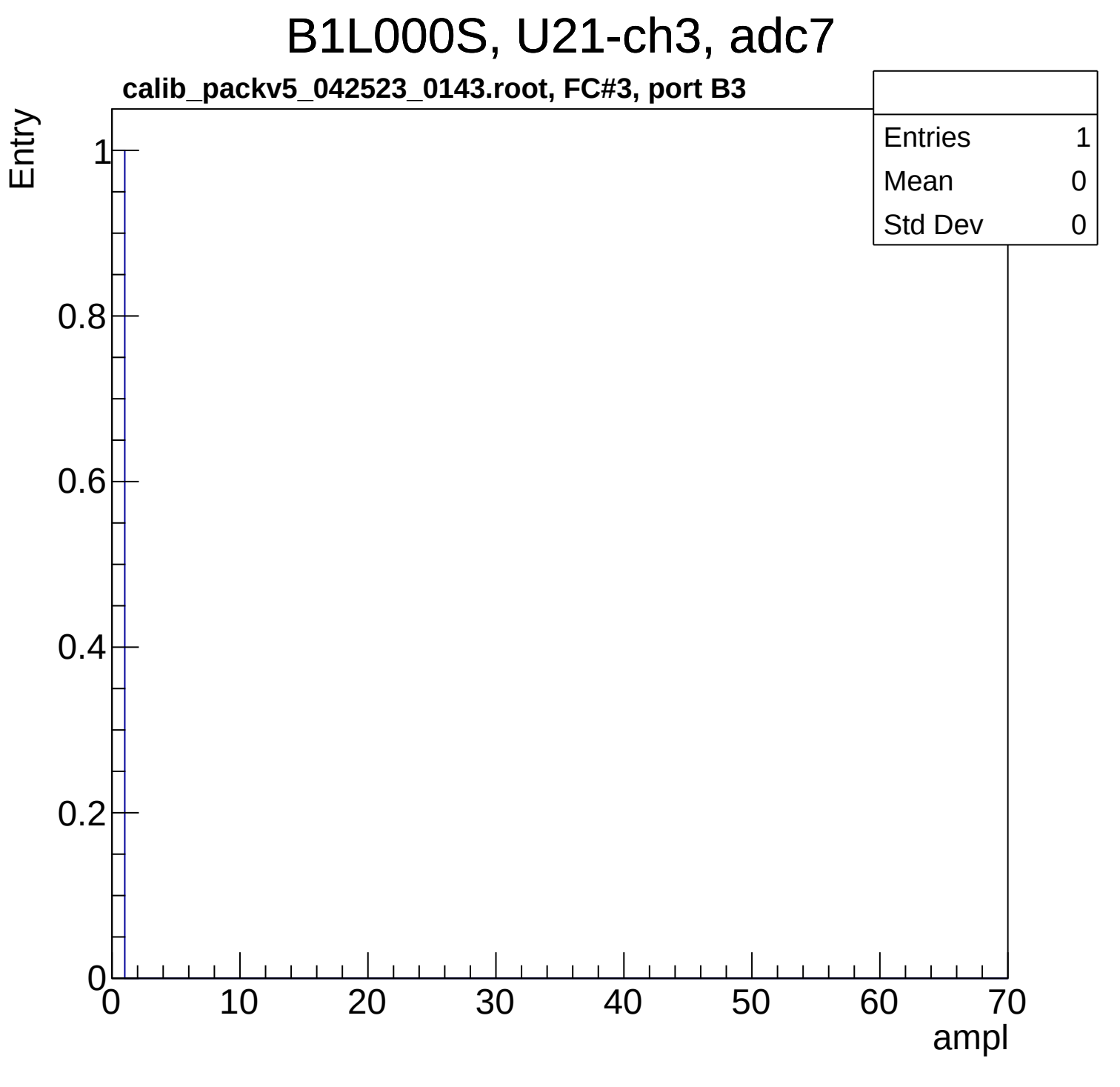

B1L000S, U21-ch3, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 43.27
Std Dev 3.174
Gaus mean : 43.8637
Gaus Width: 3.3408
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

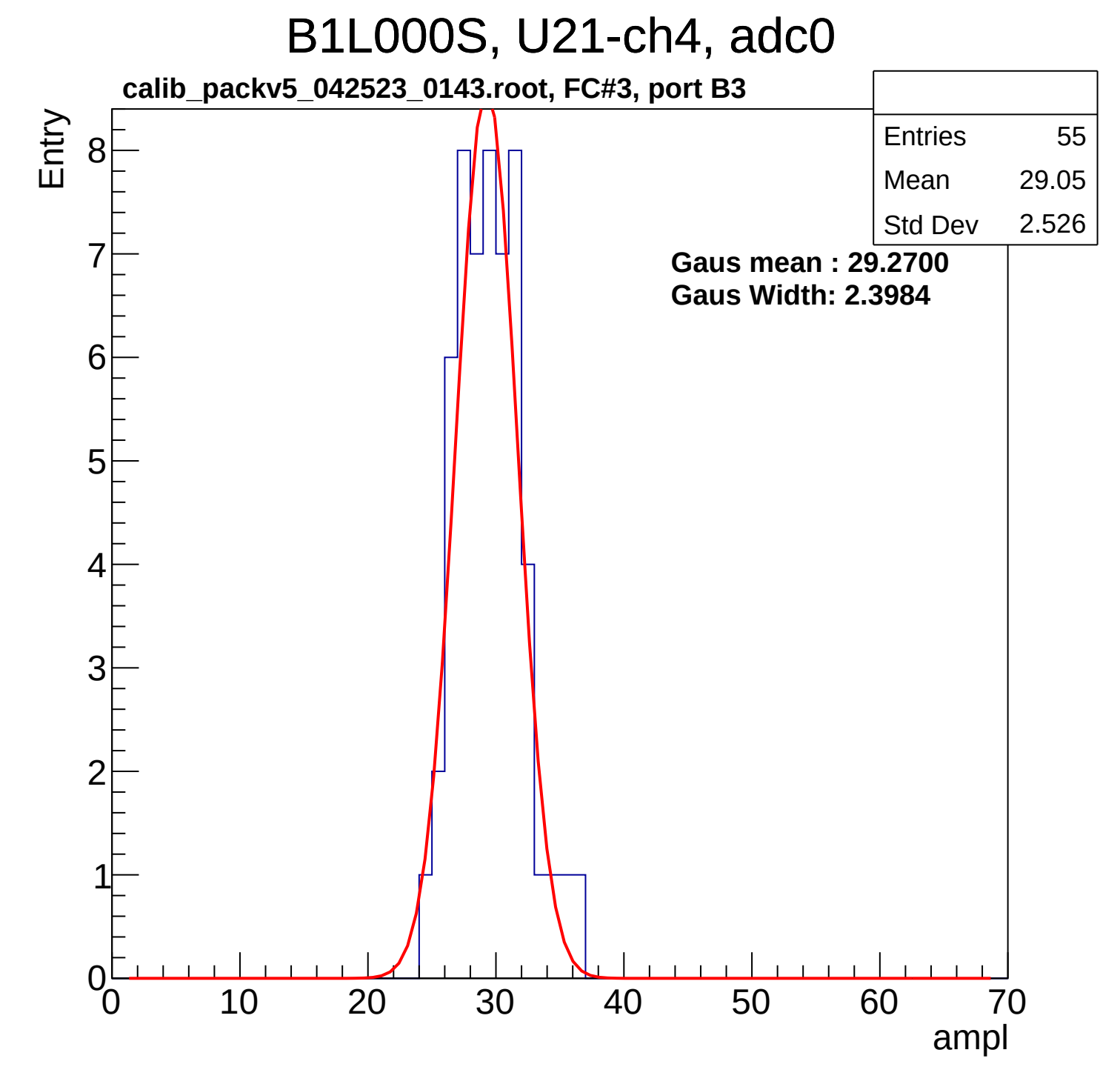

B1L000S, U21-ch3, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 49.61
Std Dev 2.876
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

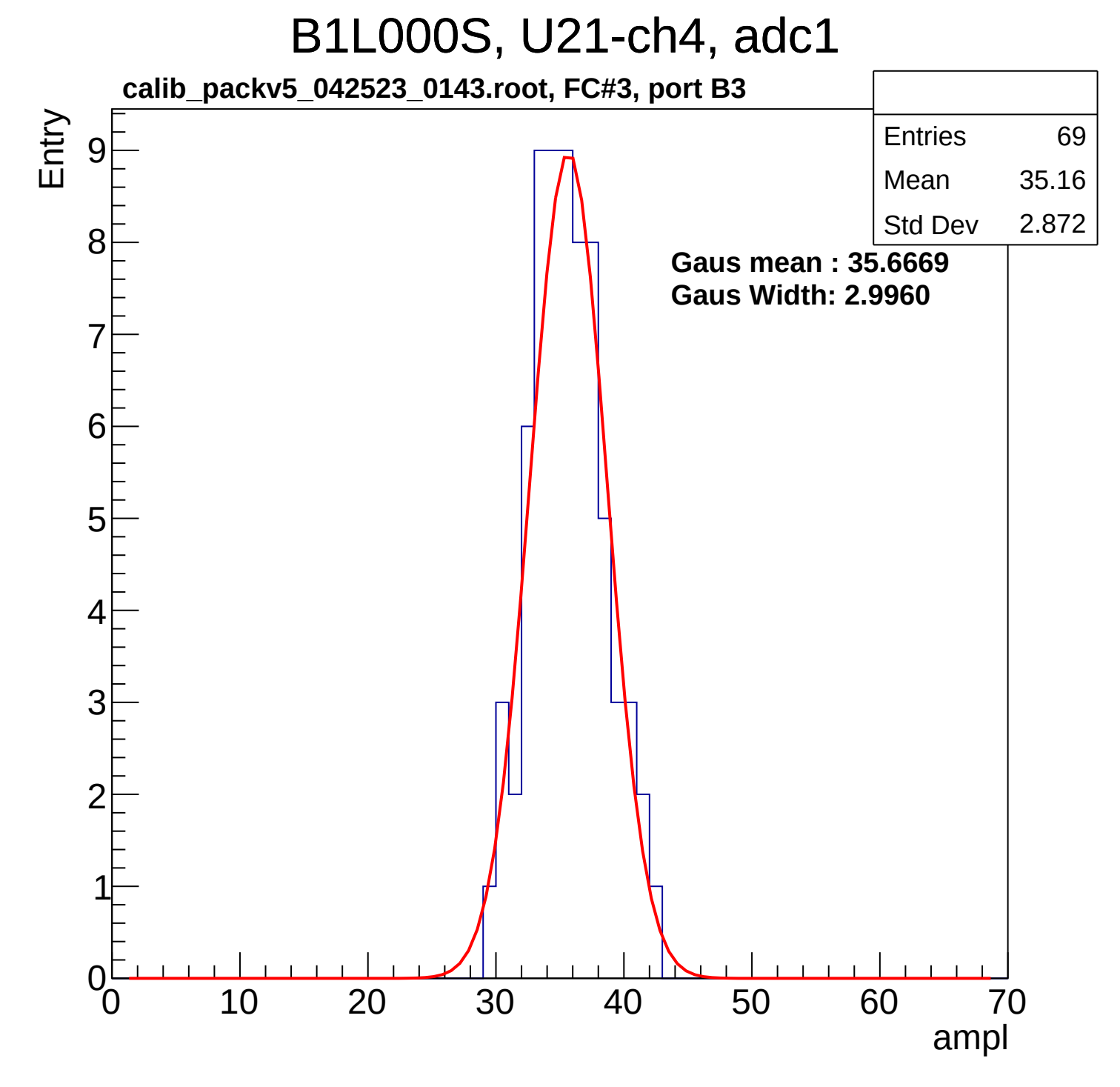

B1L000S, U21-ch3, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 54.8
Std Dev 3.003
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

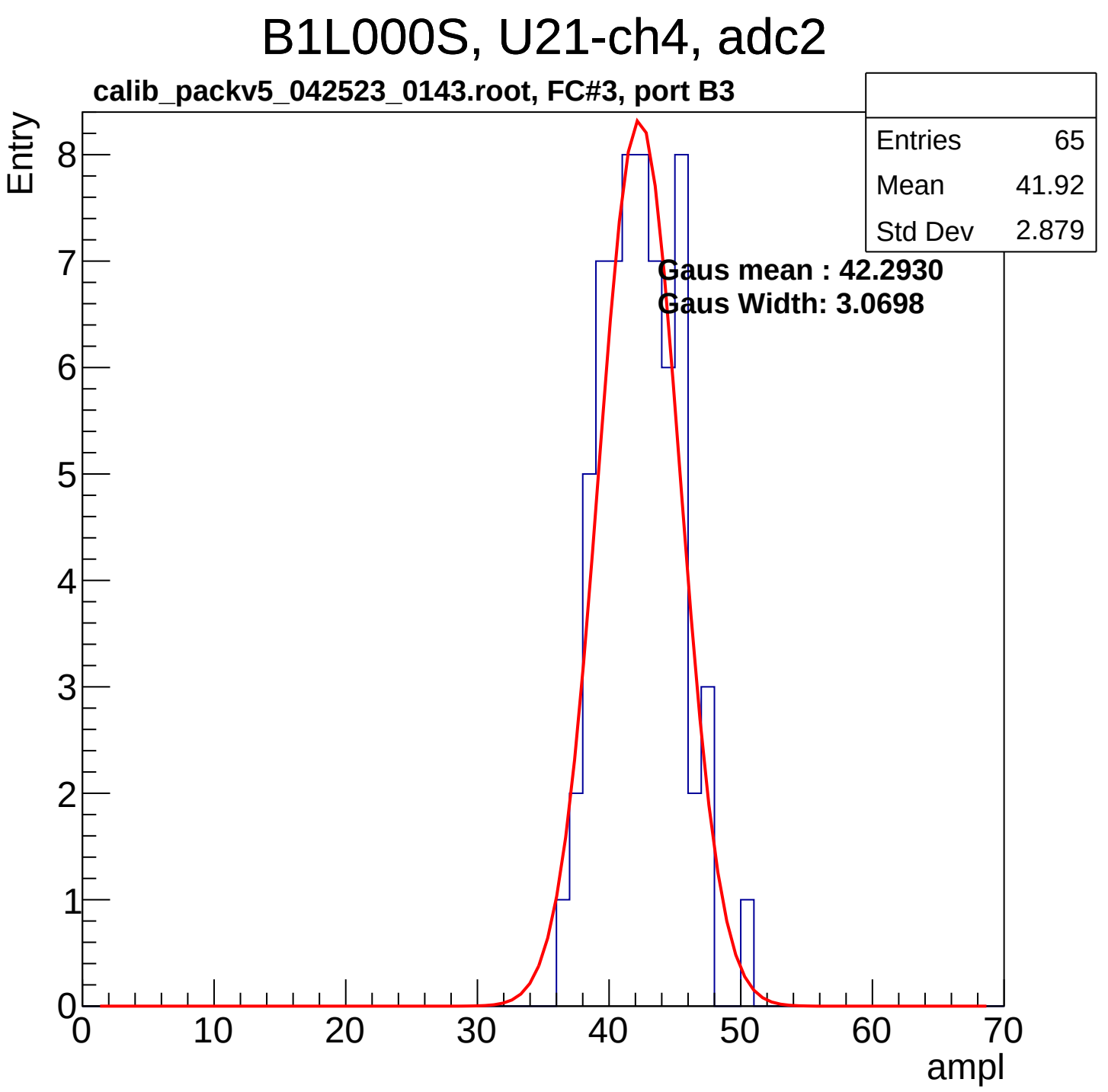

B1L000S, U21-ch3, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 59.54
Std Dev 2.385
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

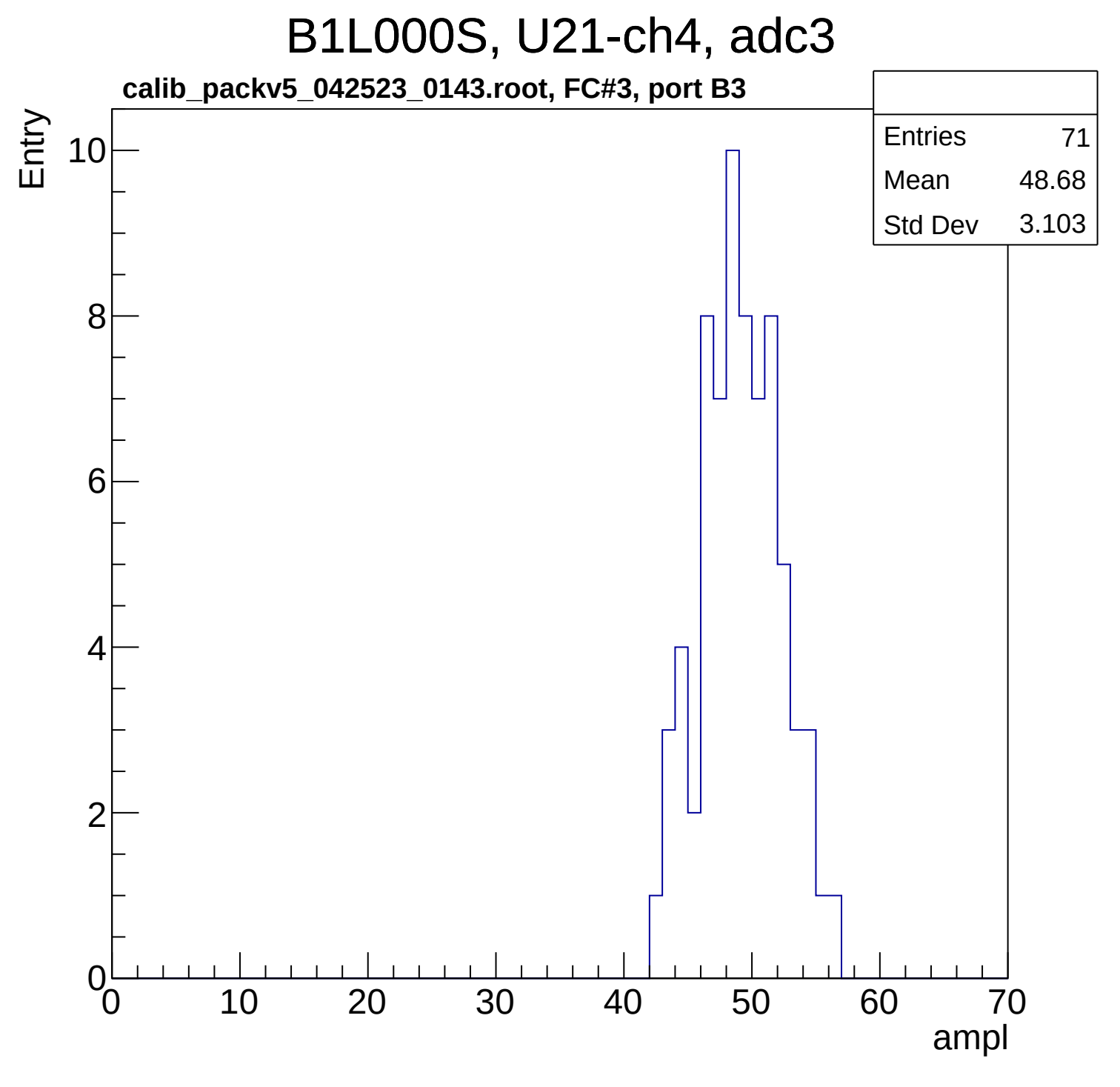

B1L000S, U21-ch3, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 7
Mean 53.43
Std Dev 21.82
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

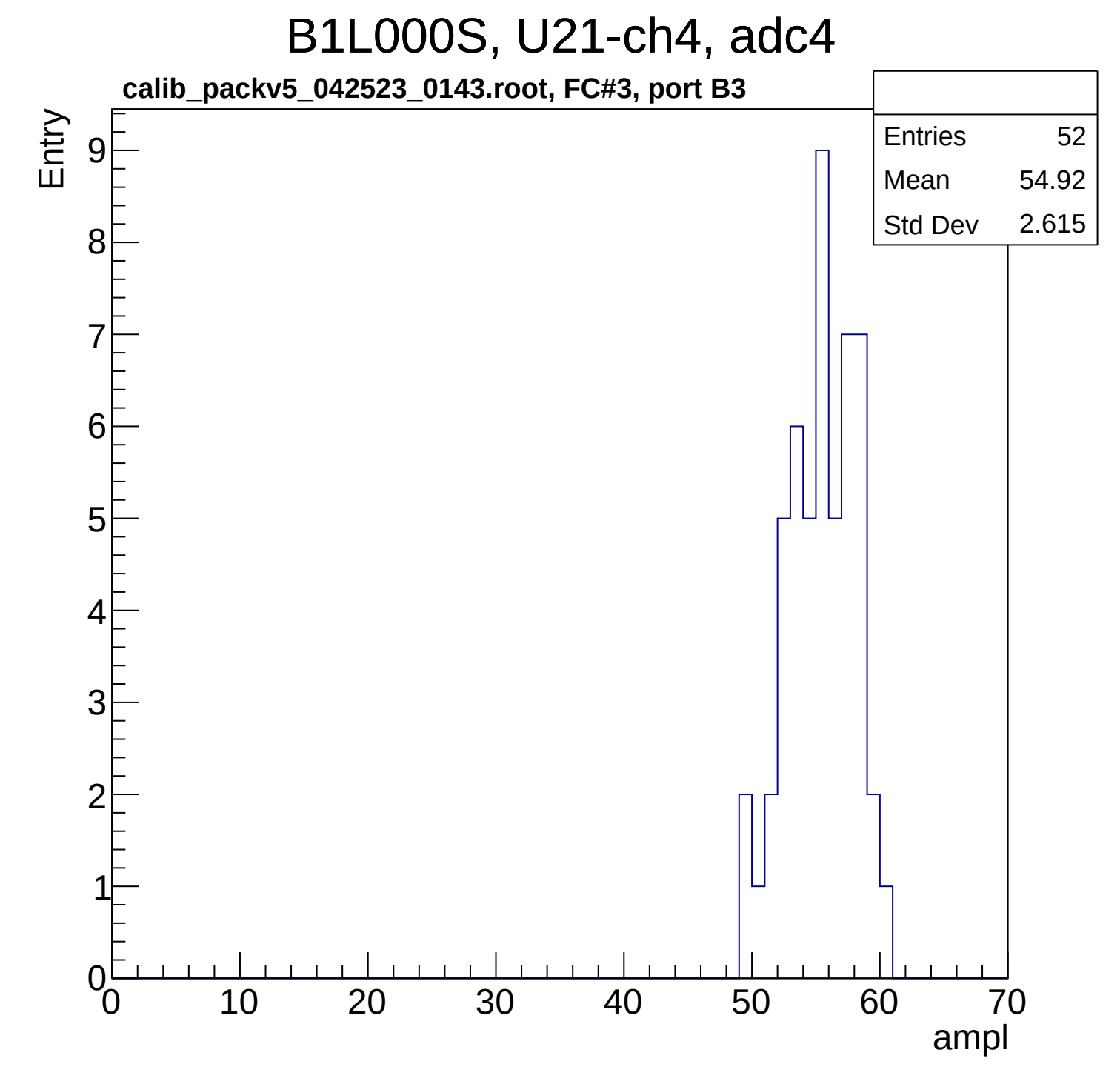

B1L000S, U21-ch3, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

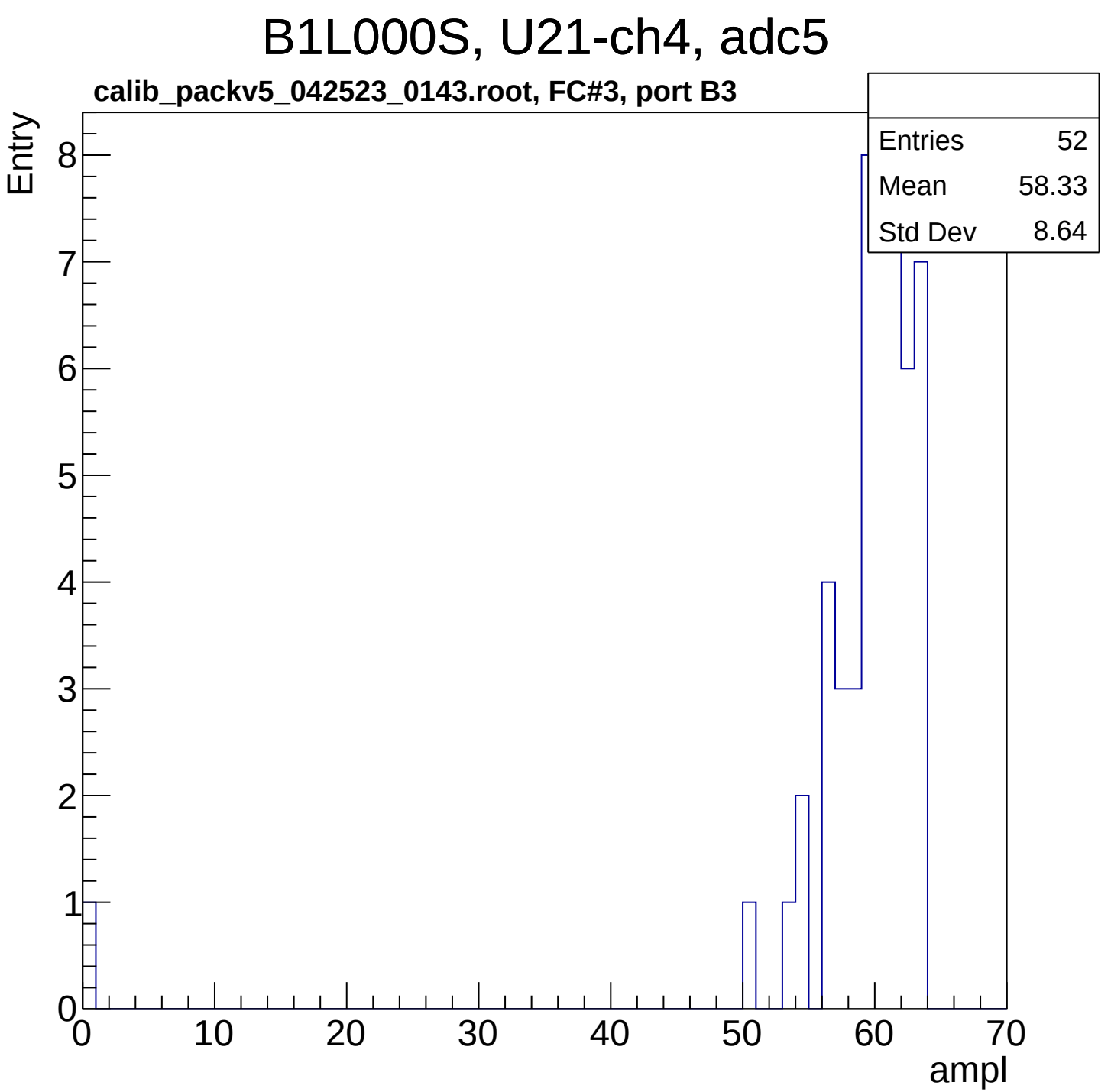

B1L000S, U21-ch4, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 29.05
Std Dev 2.526
Gaus mean : 29.2700
Gaus Width: 2.3984
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

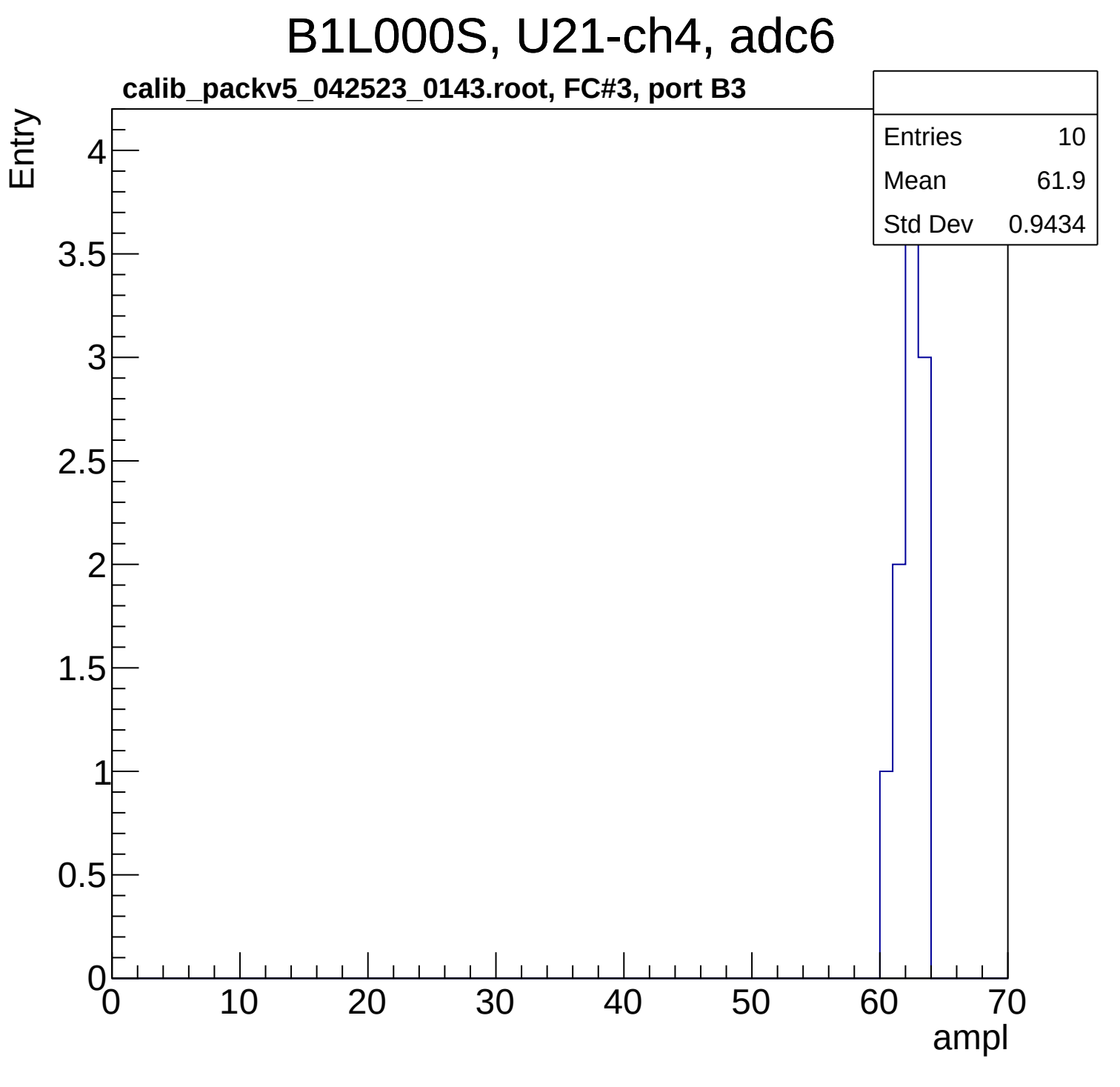

B1L000S, U21-ch4, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 35.16
Std Dev 2.872
Gaus mean : 35.6669
Gaus Width: 2.9960
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

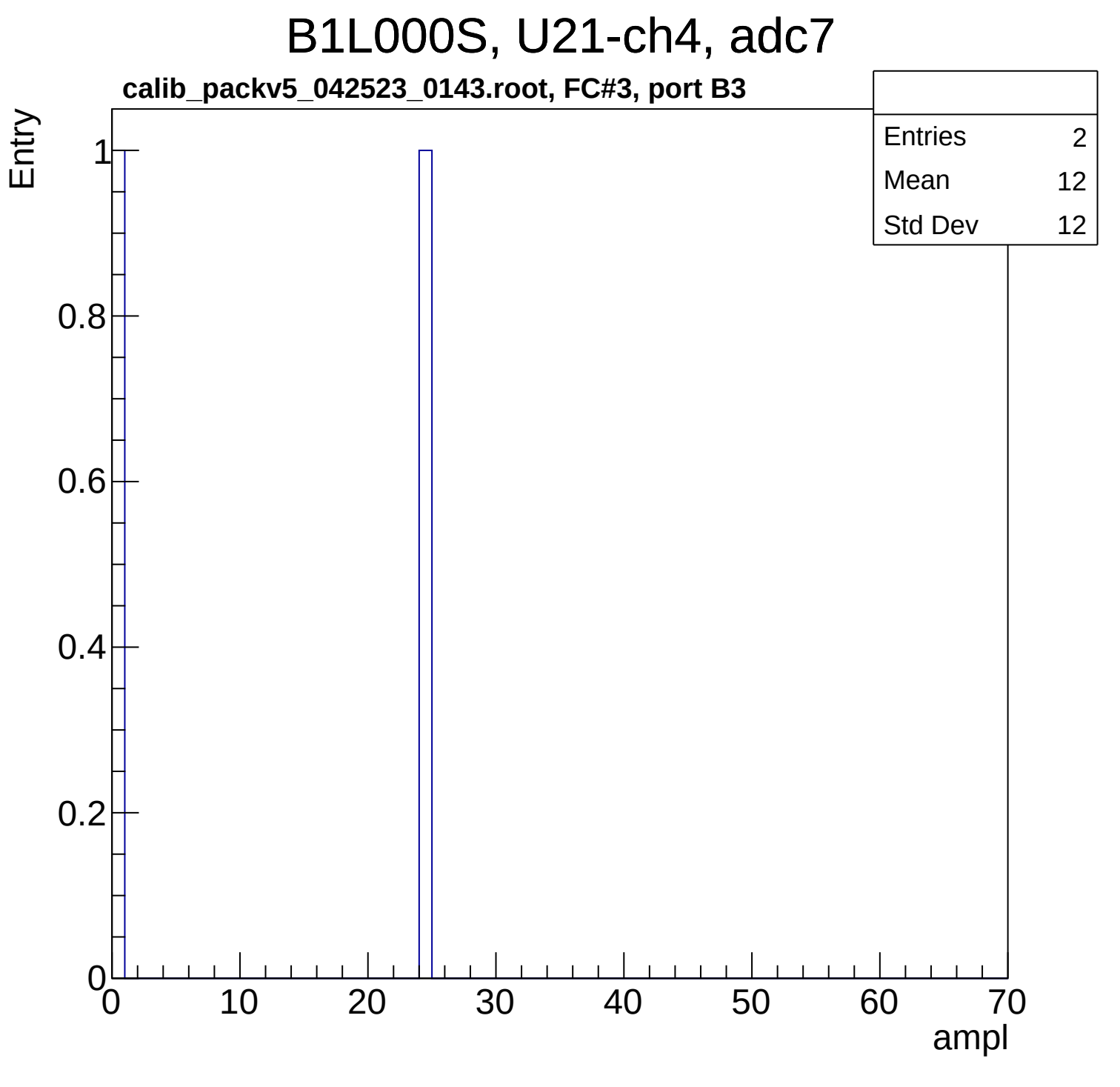

B1L000S, U21-ch4, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 41.92
Std Dev 2.879
Gaus mean : 42.2930
Gaus Width: 3.0698
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

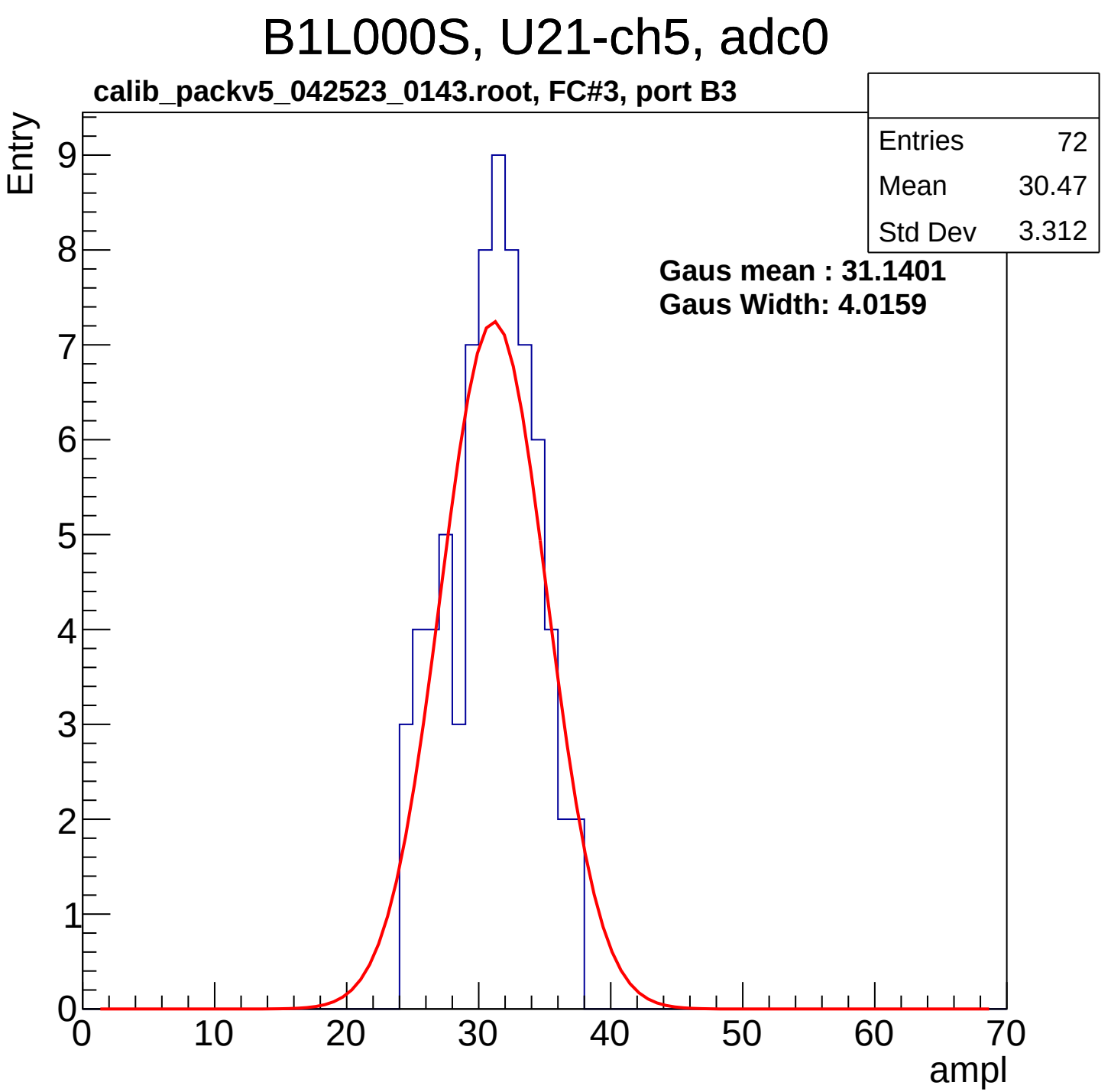

B1L000S, U21-ch4, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 48.68
Std Dev 3.103
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

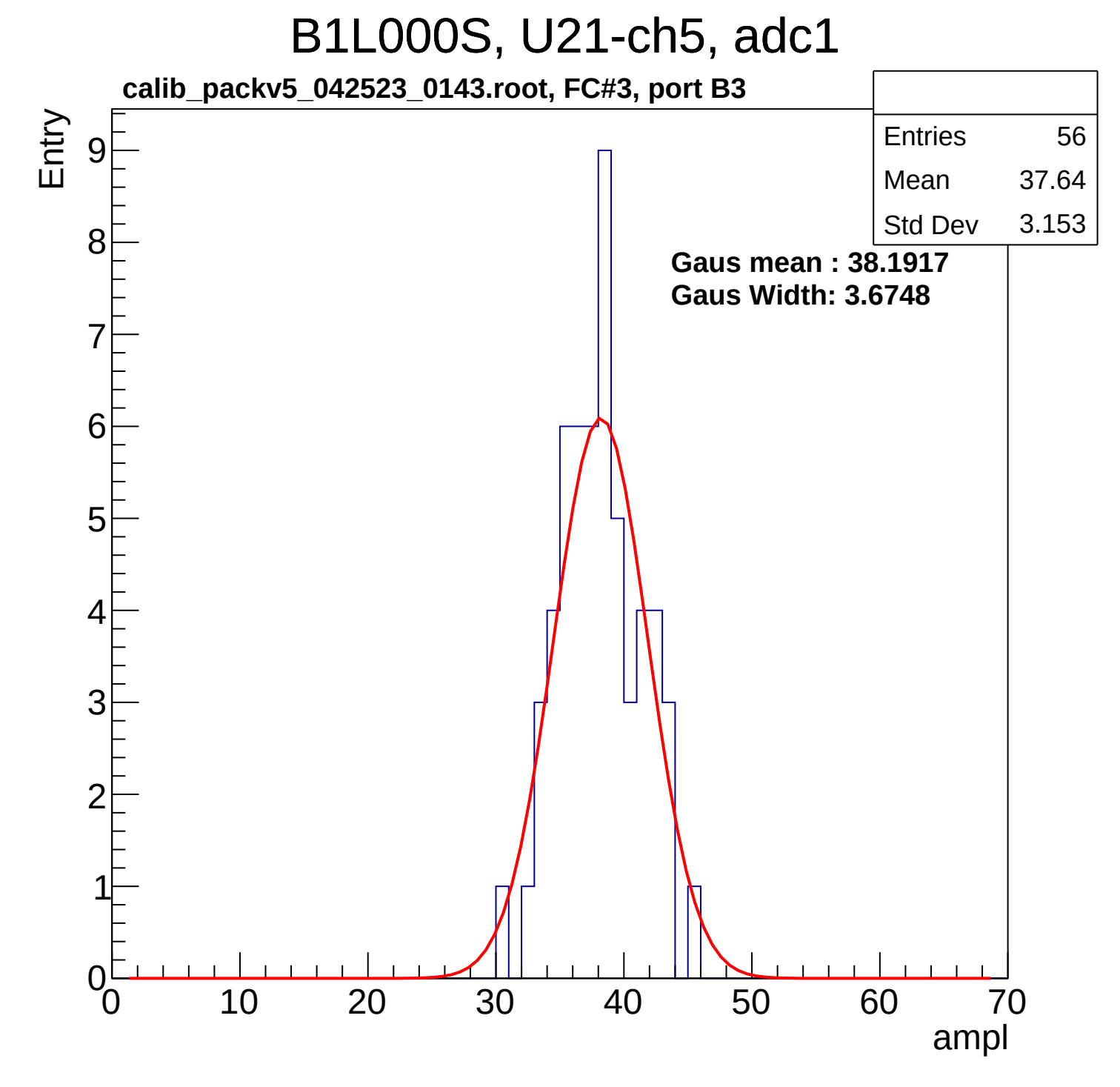

B1L000S, U21-ch4, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 54.92
Std Dev 2.615
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

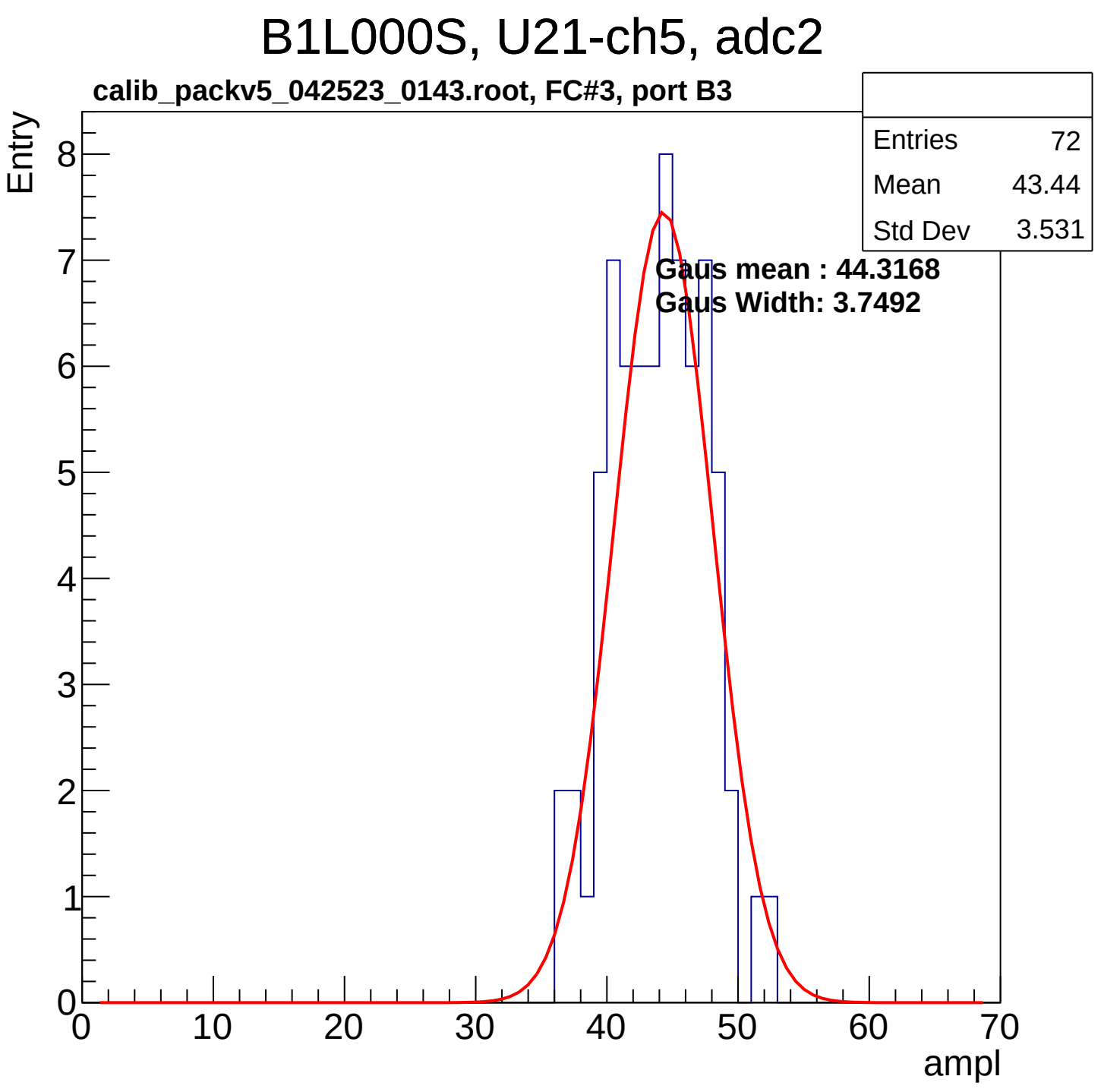

B1L000S, U21-ch4, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 58.33
Std Dev 8.64
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

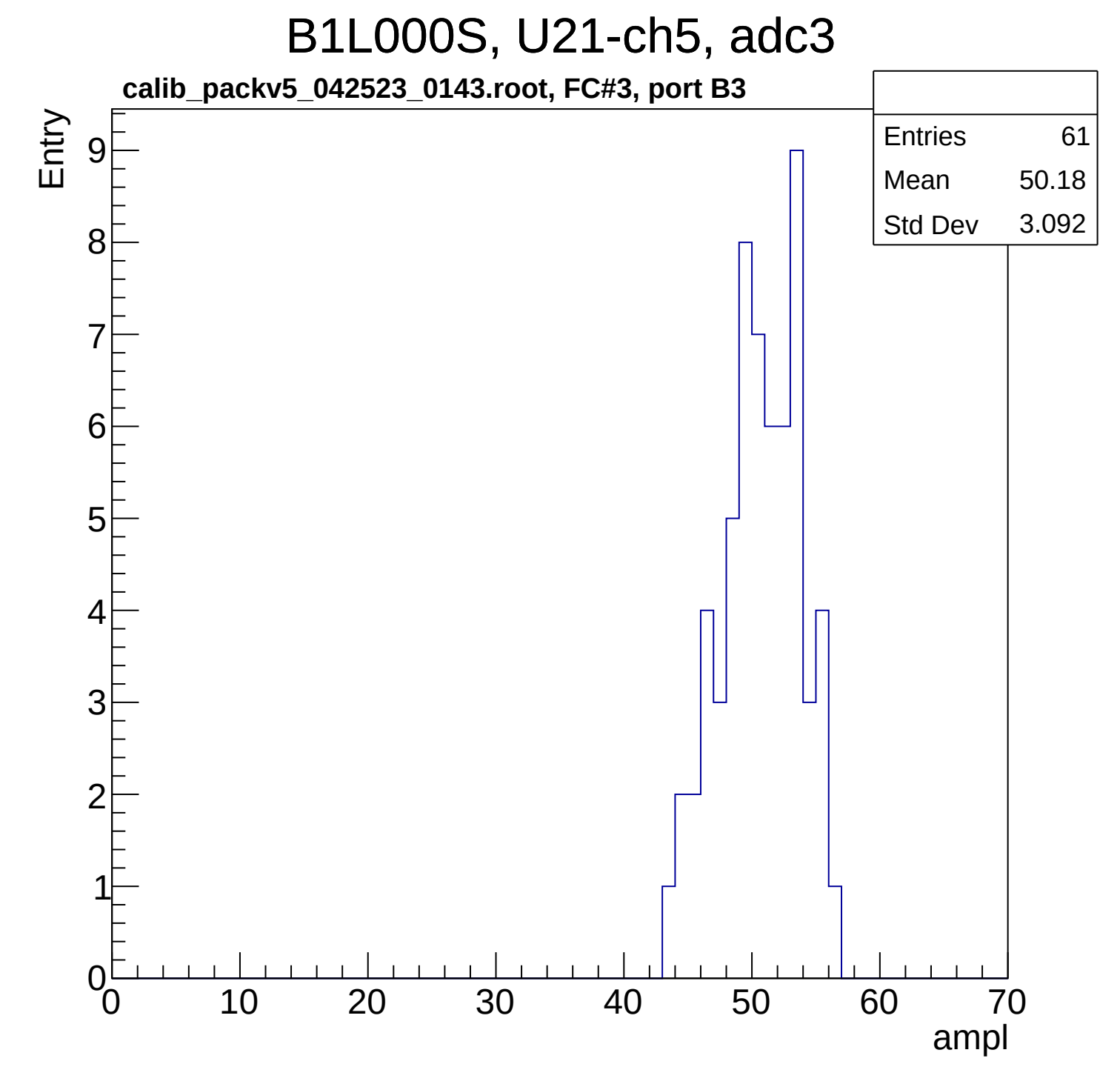

B1L000S, U21-ch4, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 10
Mean 61.9
Std Dev 0.9434
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

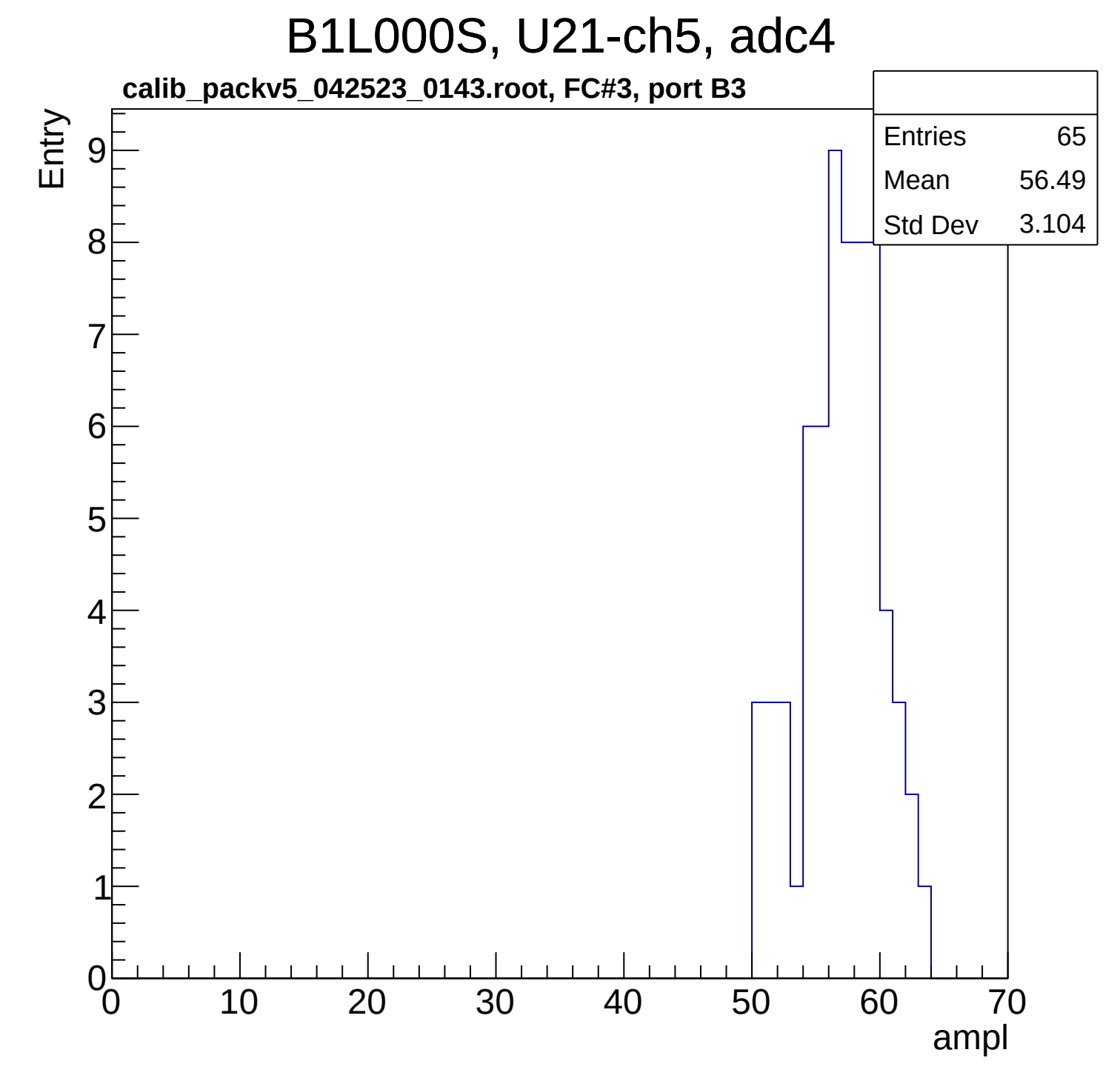

B1L000S, U21-ch4, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 12
Std Dev 12
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

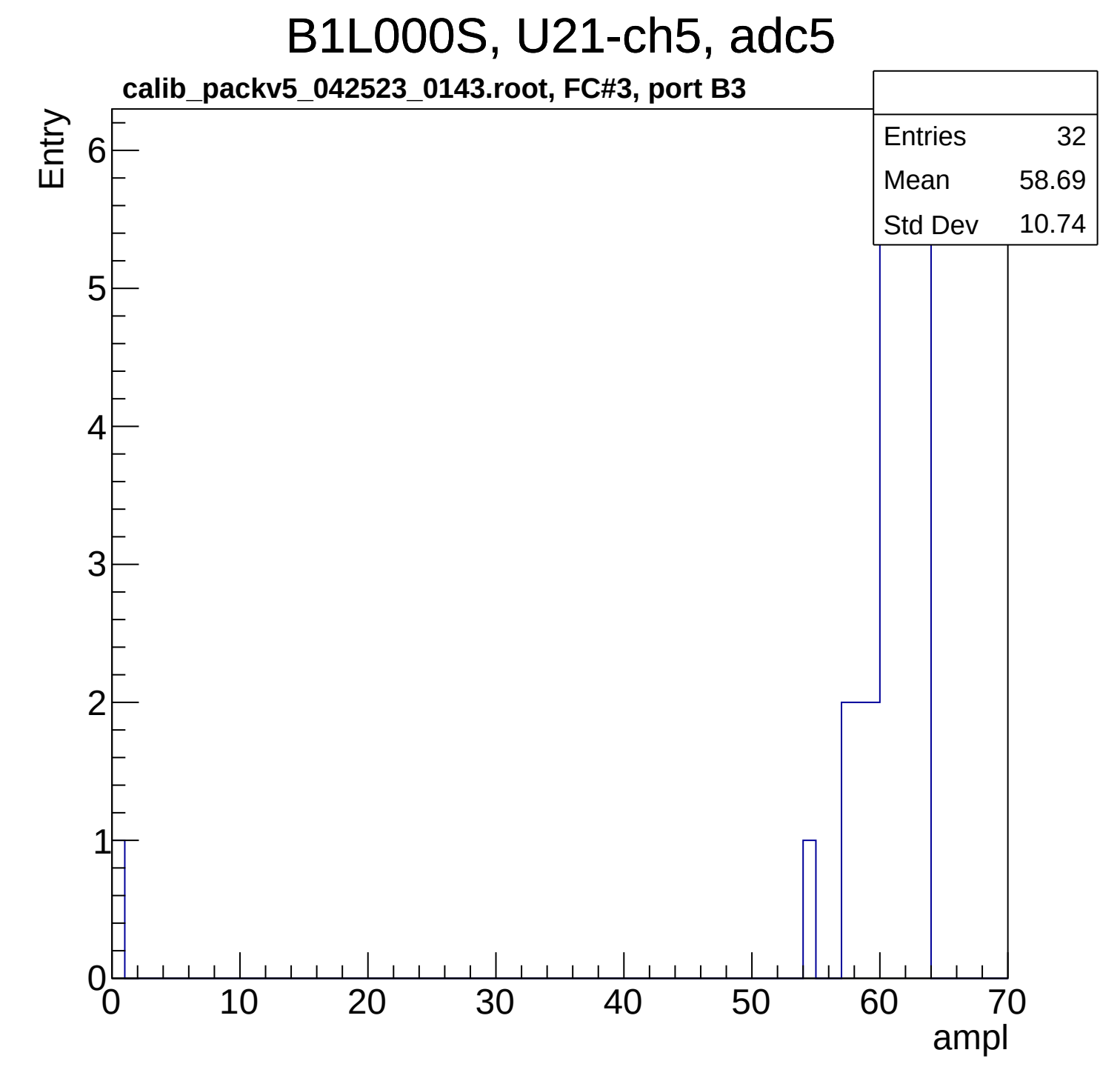

B1L000S, U21-ch5, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 30.47
Std Dev 3.312
Gaus mean : 31.1401
Gaus Width: 4.0159
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

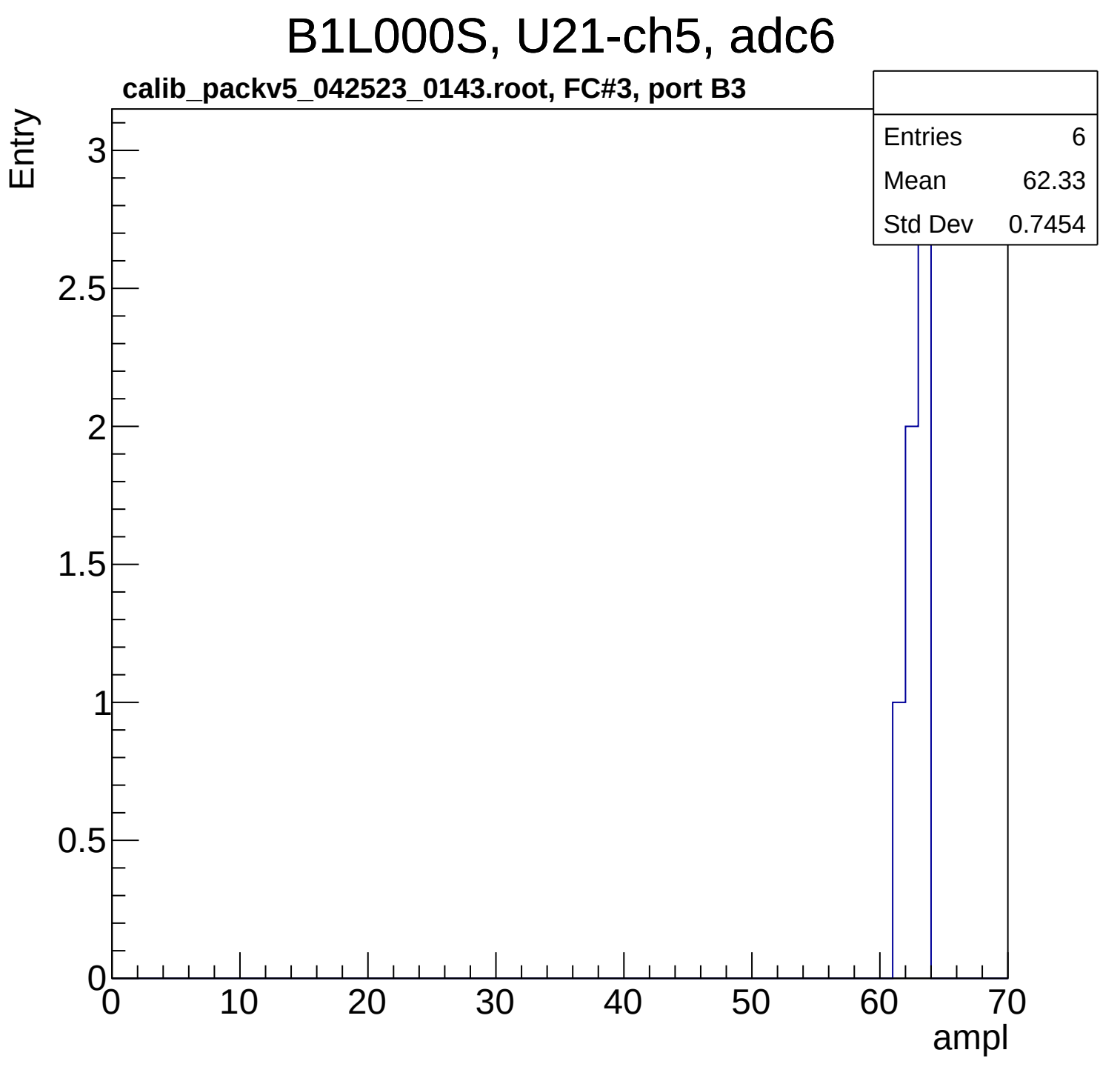

B1L000S, U21-ch5, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 37.64
Std Dev 3.153
Gaus mean : 38.1917
Gaus Width: 3.6748
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

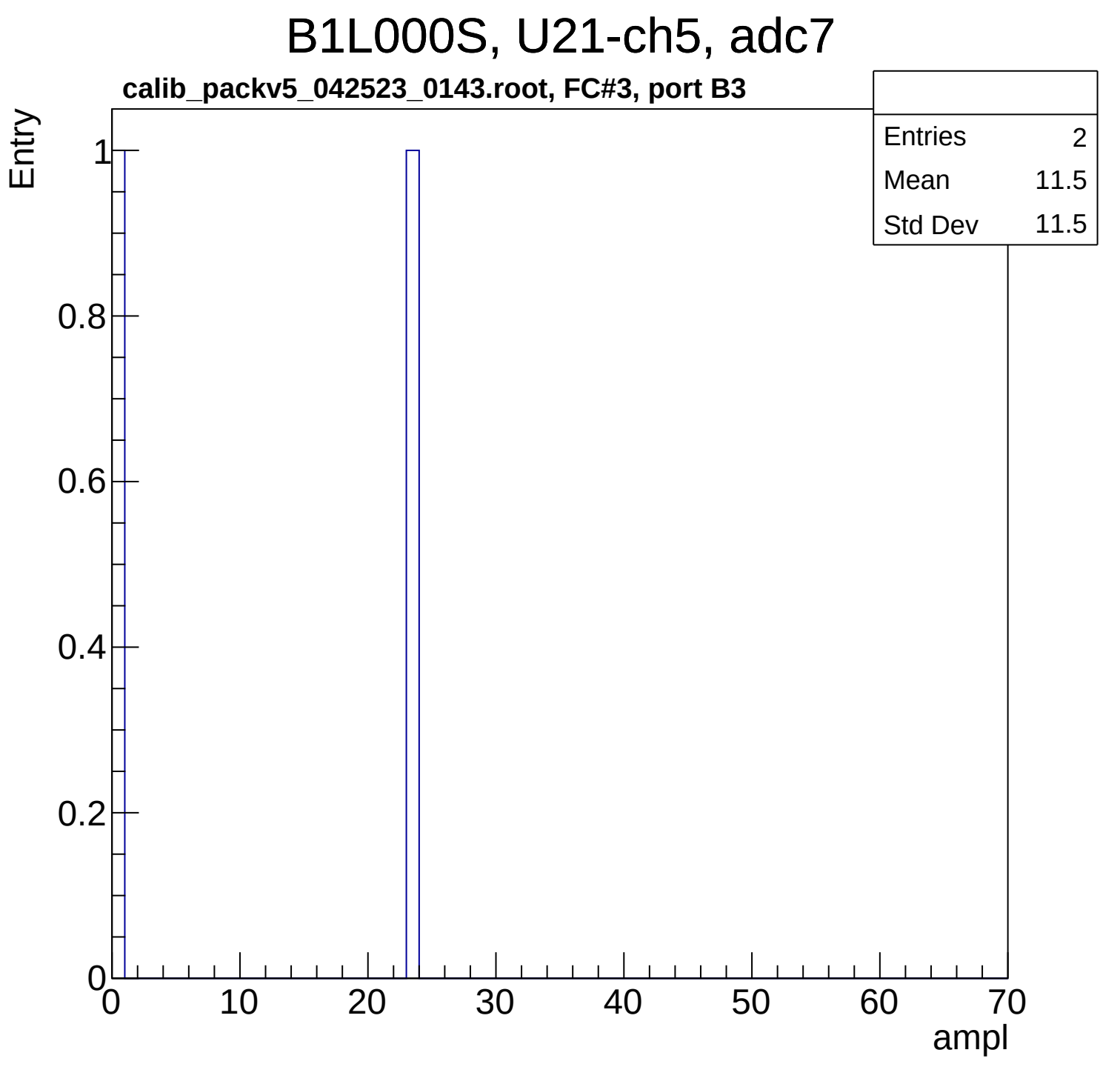

B1L000S, U21-ch5, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 43.44
Std Dev 3.531
Gaus mean : 44.3168
Gaus Width: 3.7492
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

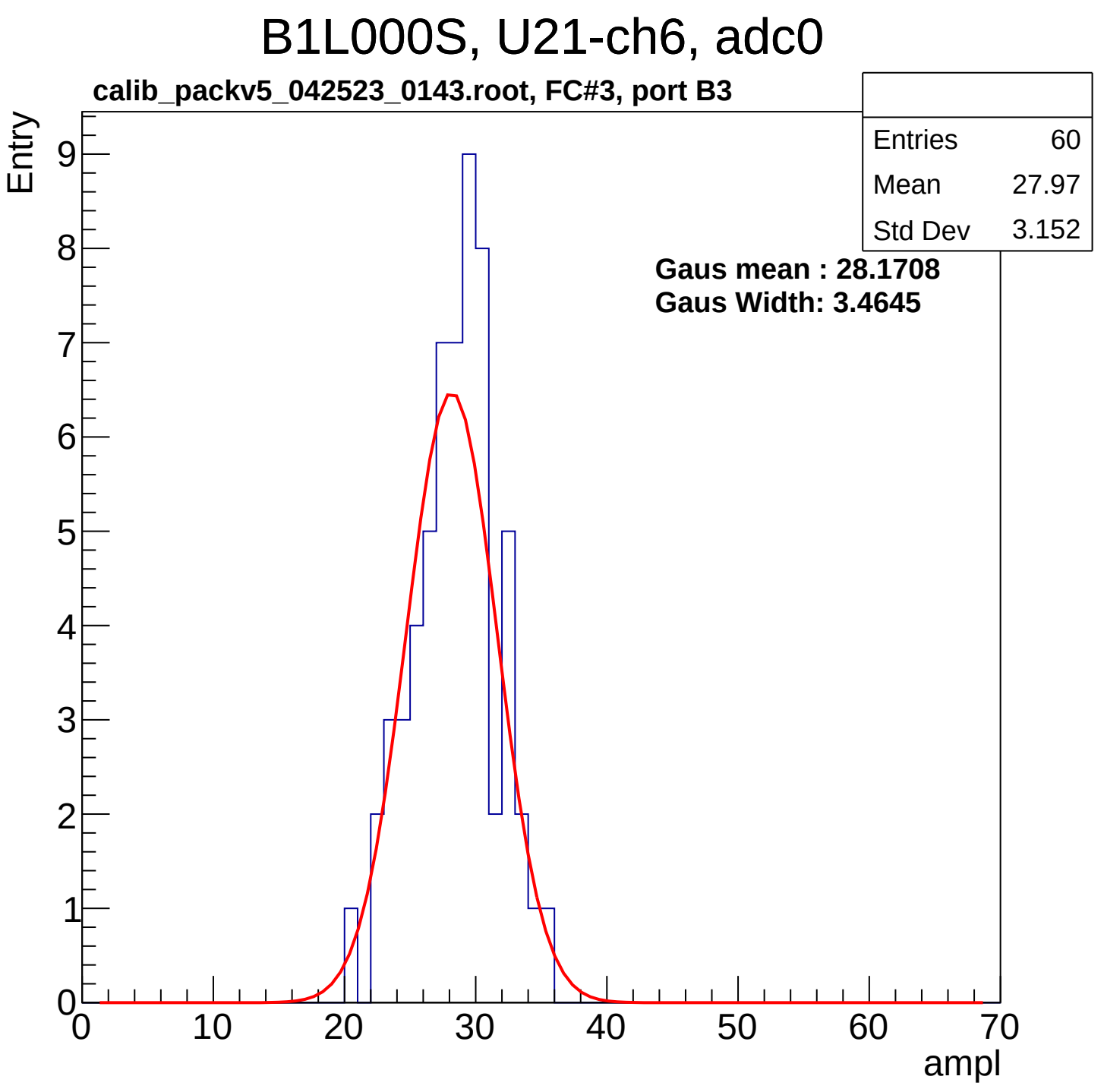

B1L000S, U21-ch5, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 50.18
Std Dev 3.092
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

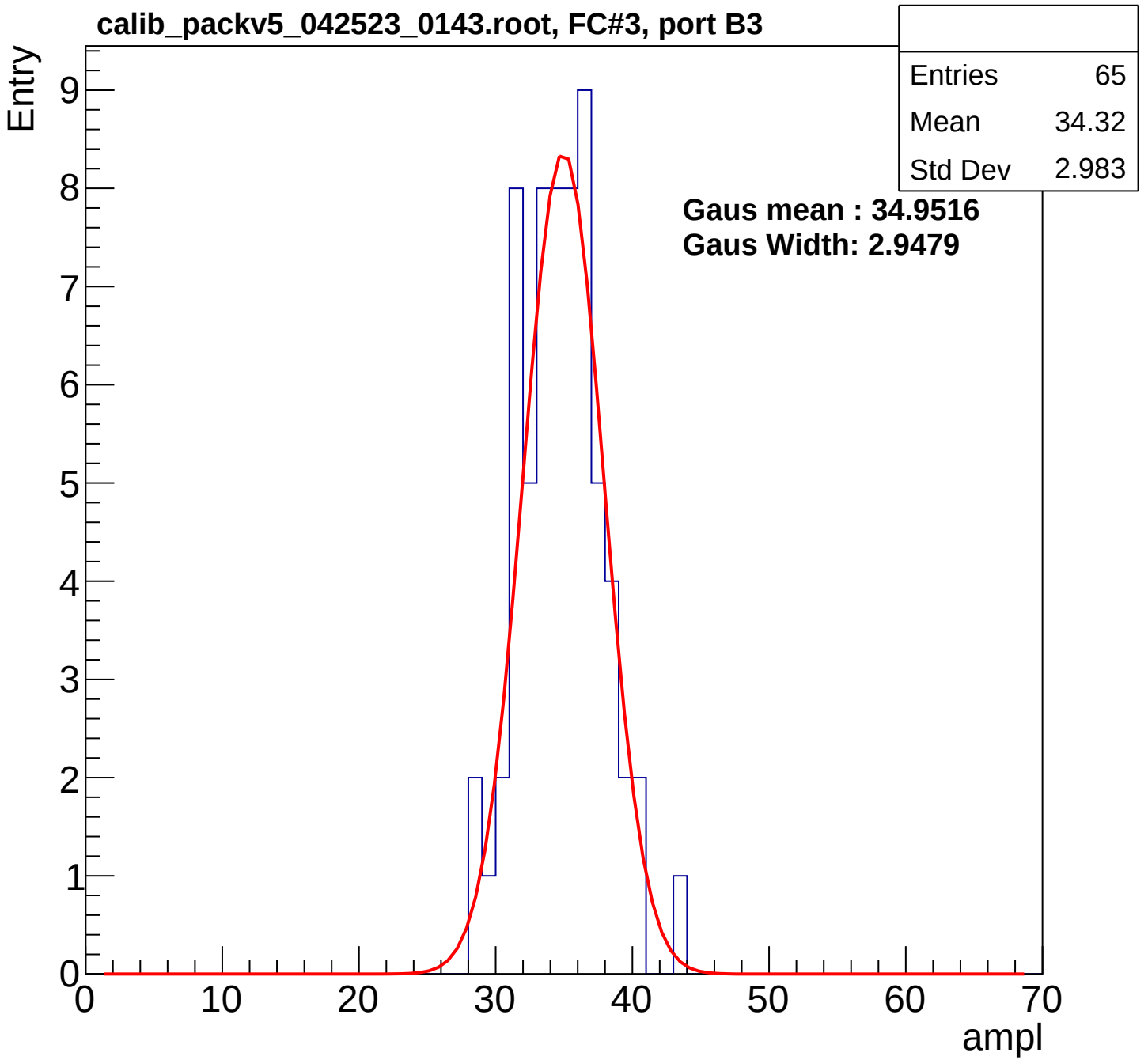

B1L000S, U21-ch5, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 56.49
Std Dev 3.104
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

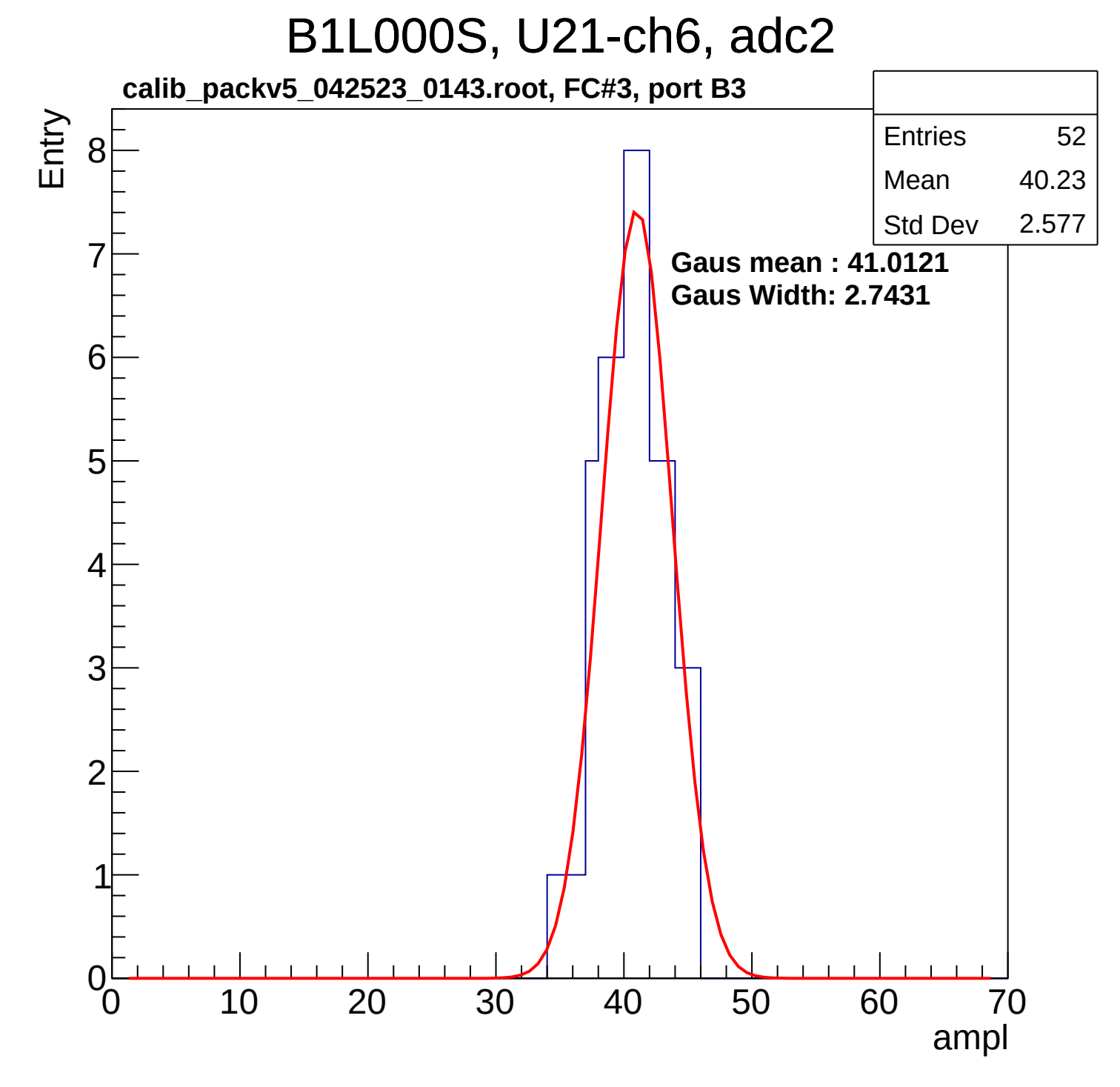

B1L000S, U21-ch5, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 32
Mean 58.69
Std Dev 10.74
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

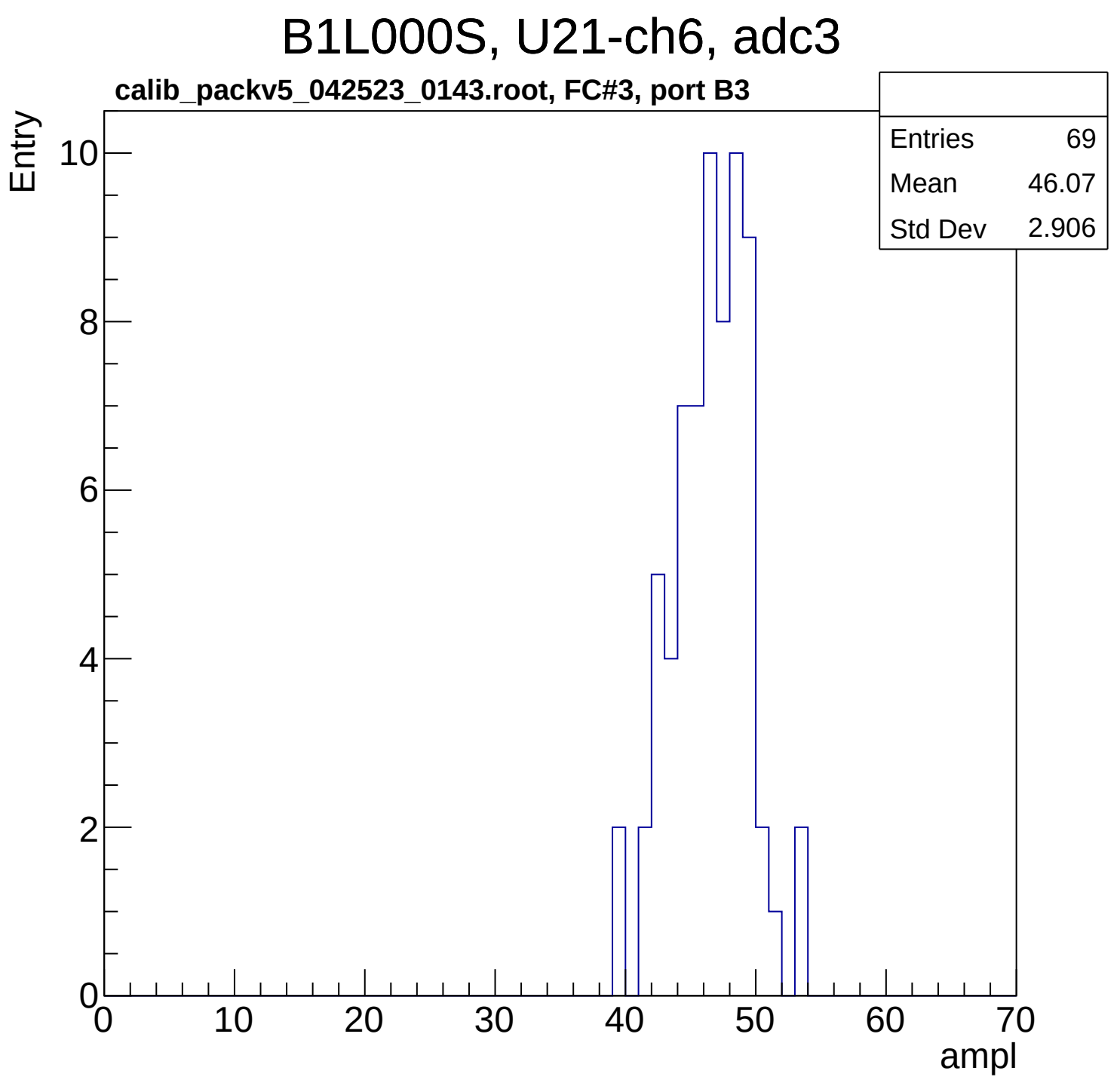

B1L000S, U21-ch5, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 62.33
Std Dev 0.7454
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

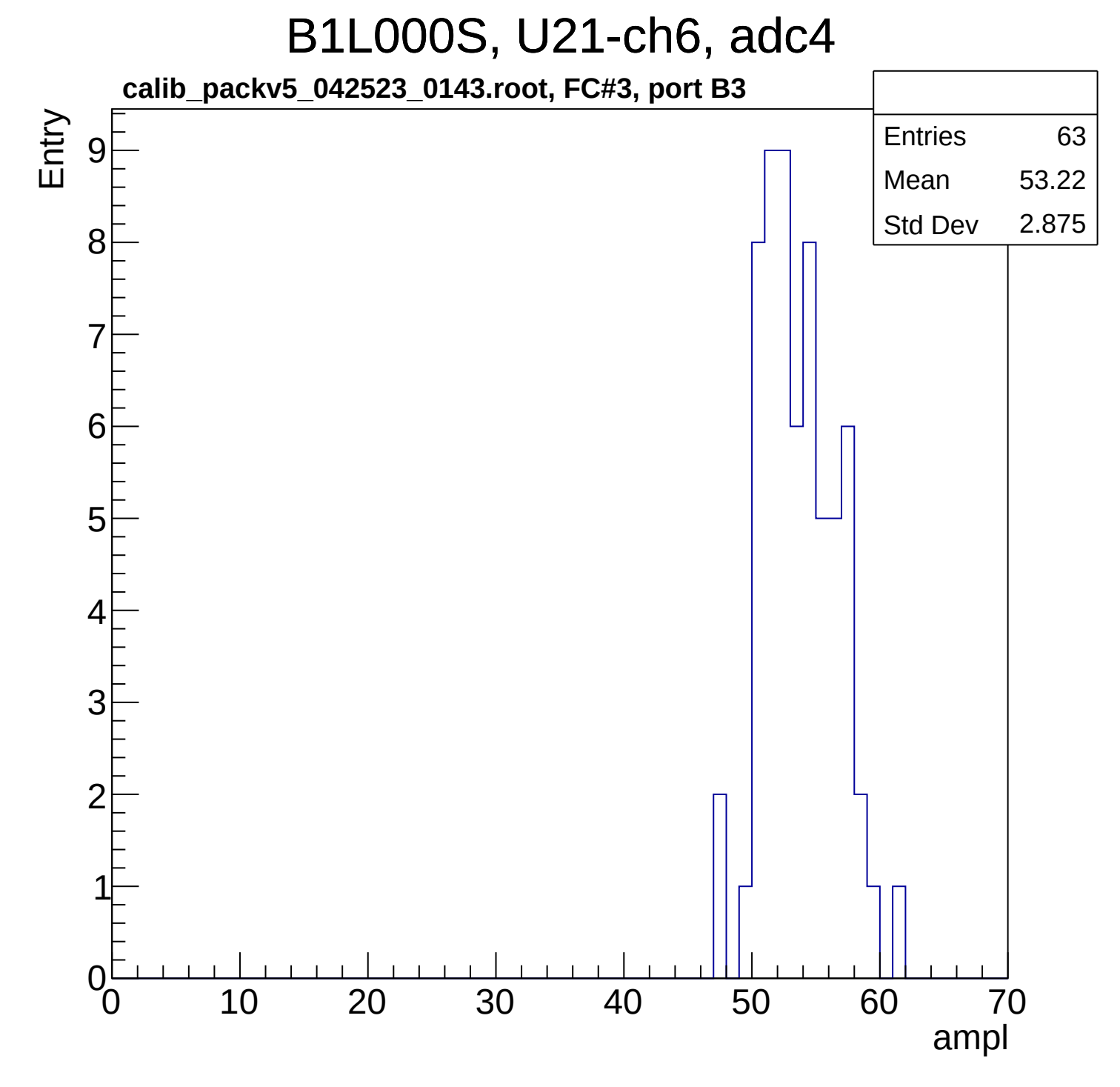

B1L000S, U21-ch5, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 11.5
Std Dev 11.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

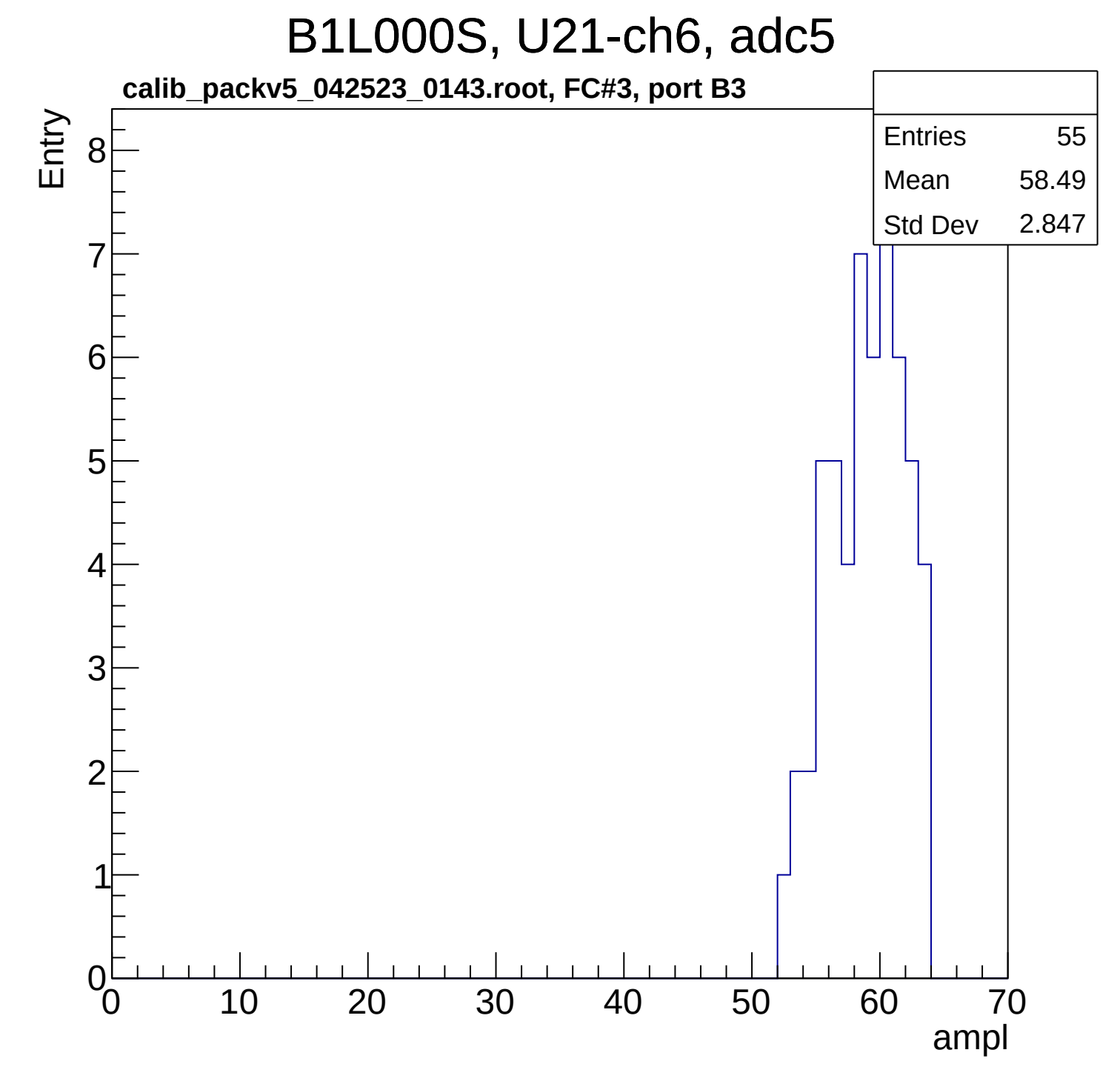

B1L000S, U21-ch6, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 27.97
Std Dev 3.152
Gaus mean : 28.1708
Gaus Width: 3.4645
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

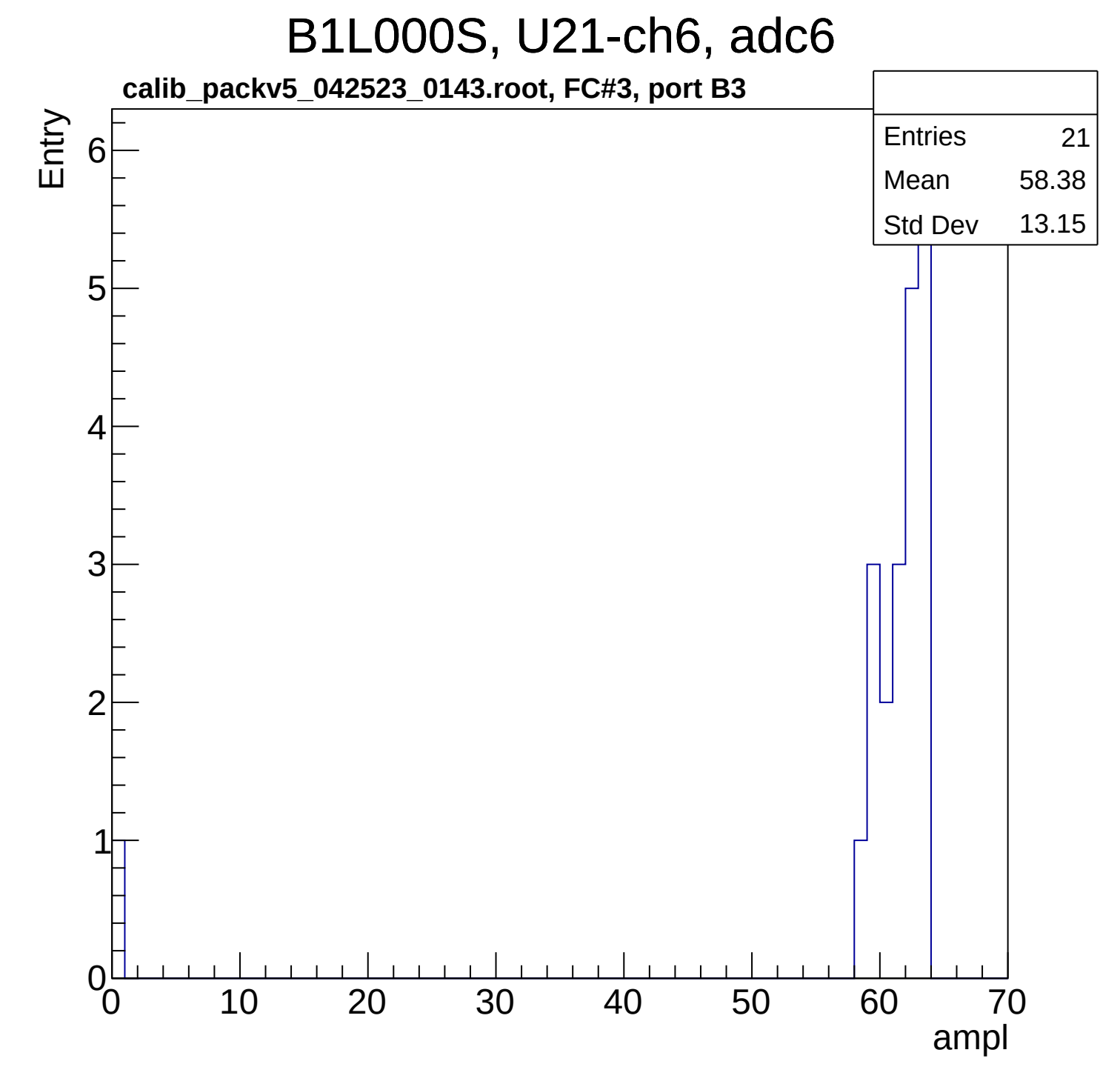

B1L000S, U21-ch6, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 34.32
Std Dev 2.983
Gaus mean : 34.9516
Gaus Width: 2.9479
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

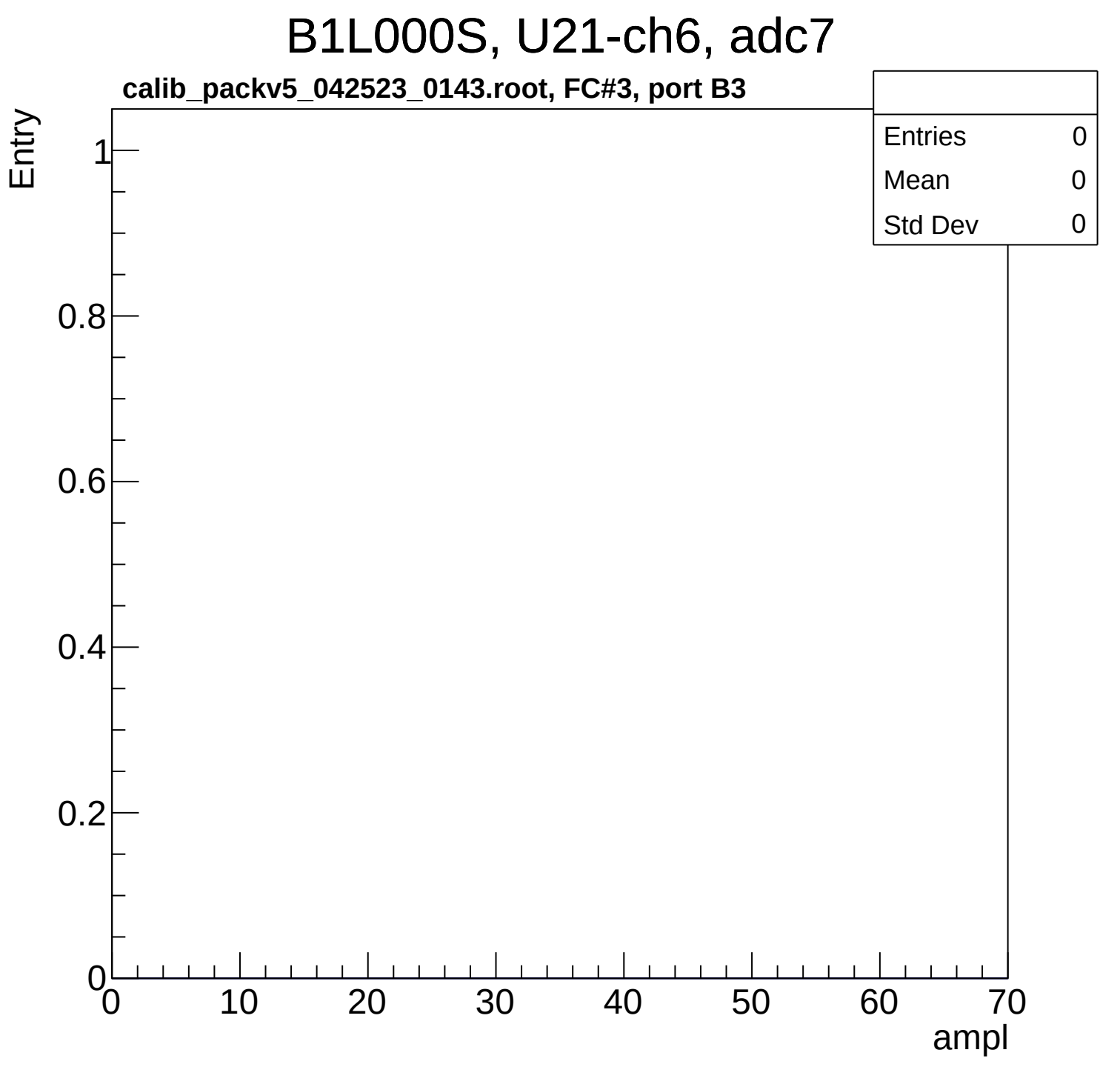

B1L000S, U21-ch6, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 40.23
Std Dev 2.577
Gaus mean : 41.0121
Gaus Width: 2.7431
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

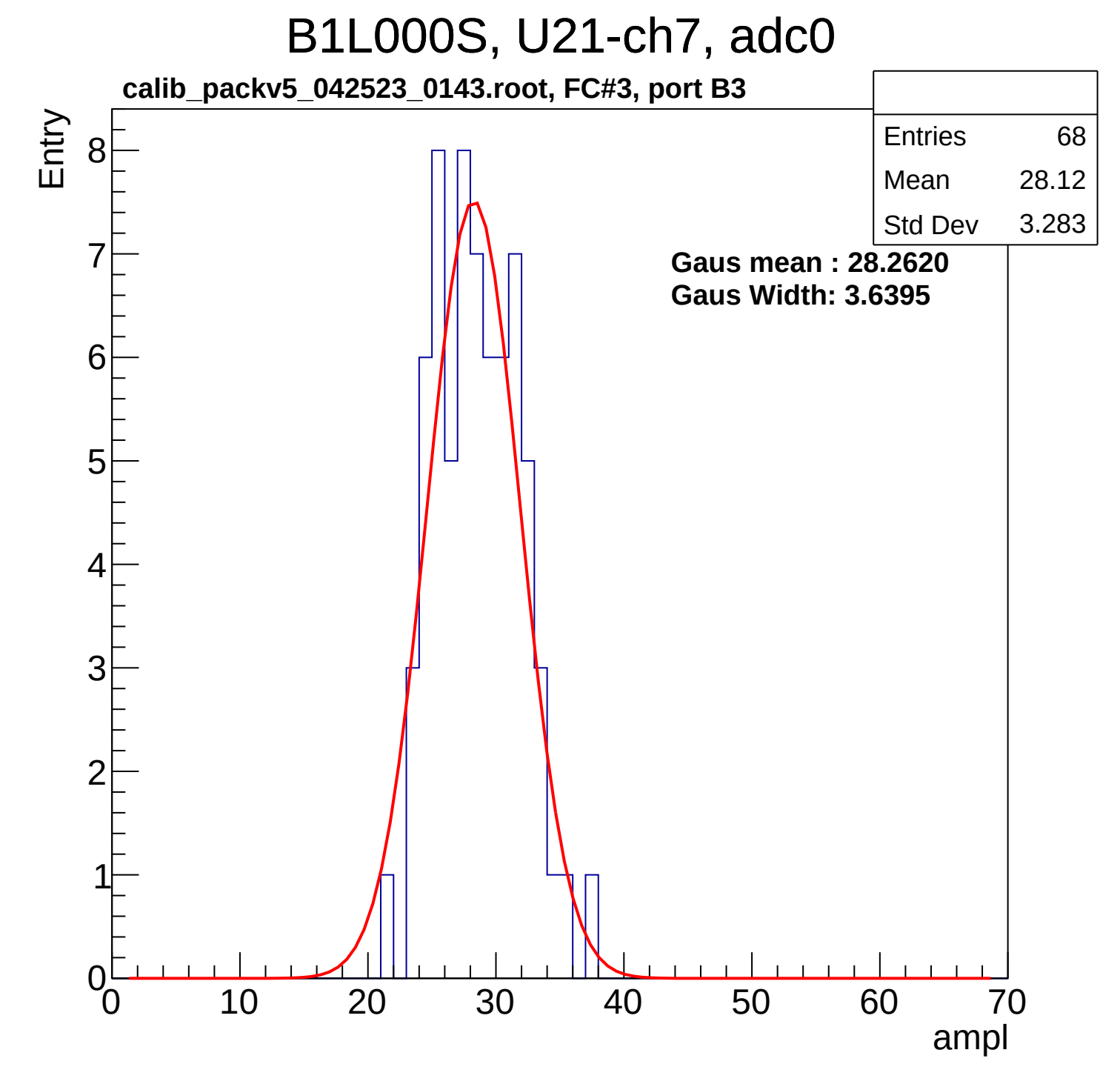

B1L000S, U21-ch6, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 46.07
Std Dev 2.906
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

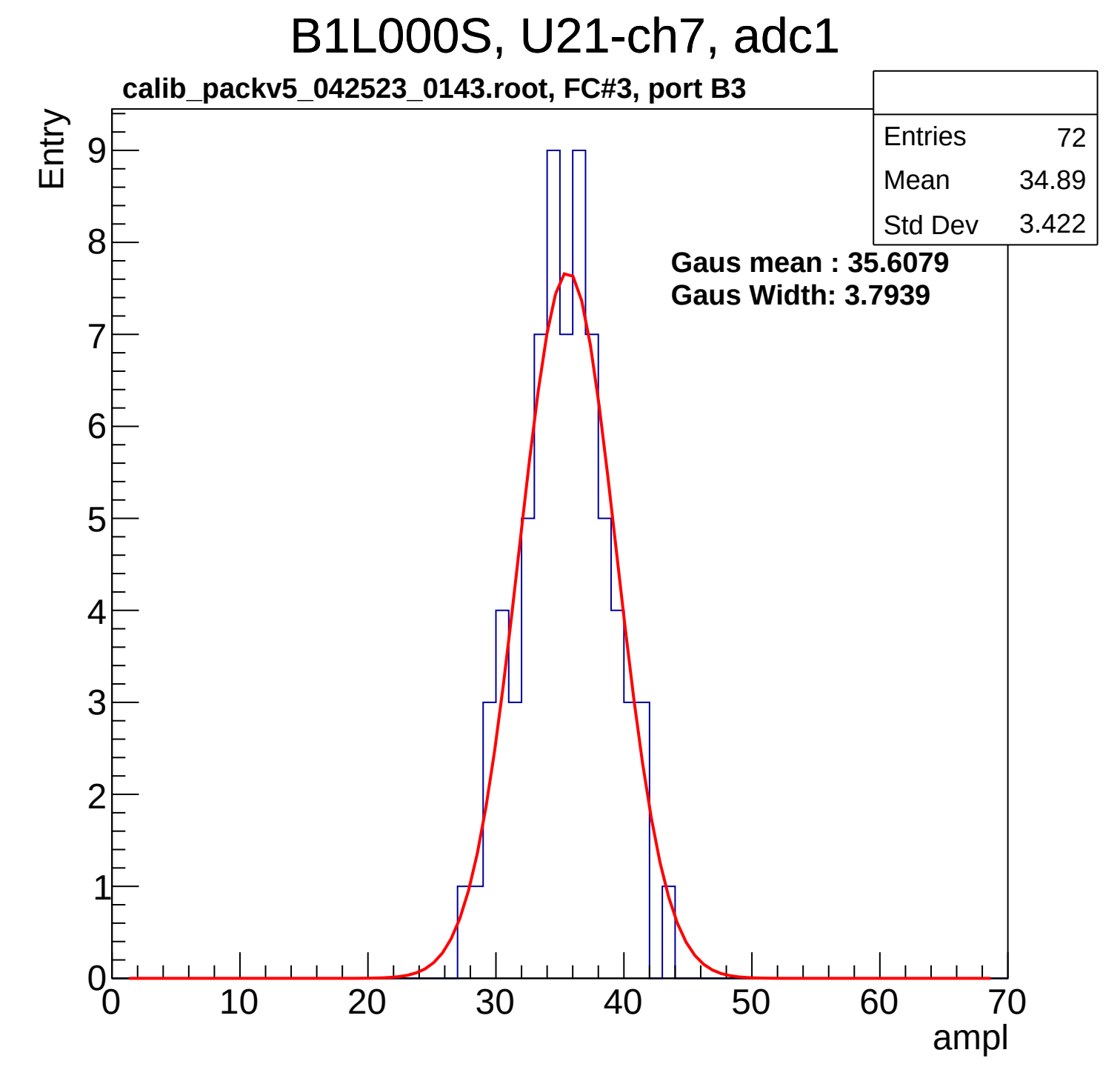

B1L000S, U21-ch6, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 53.22
Std Dev 2.875
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

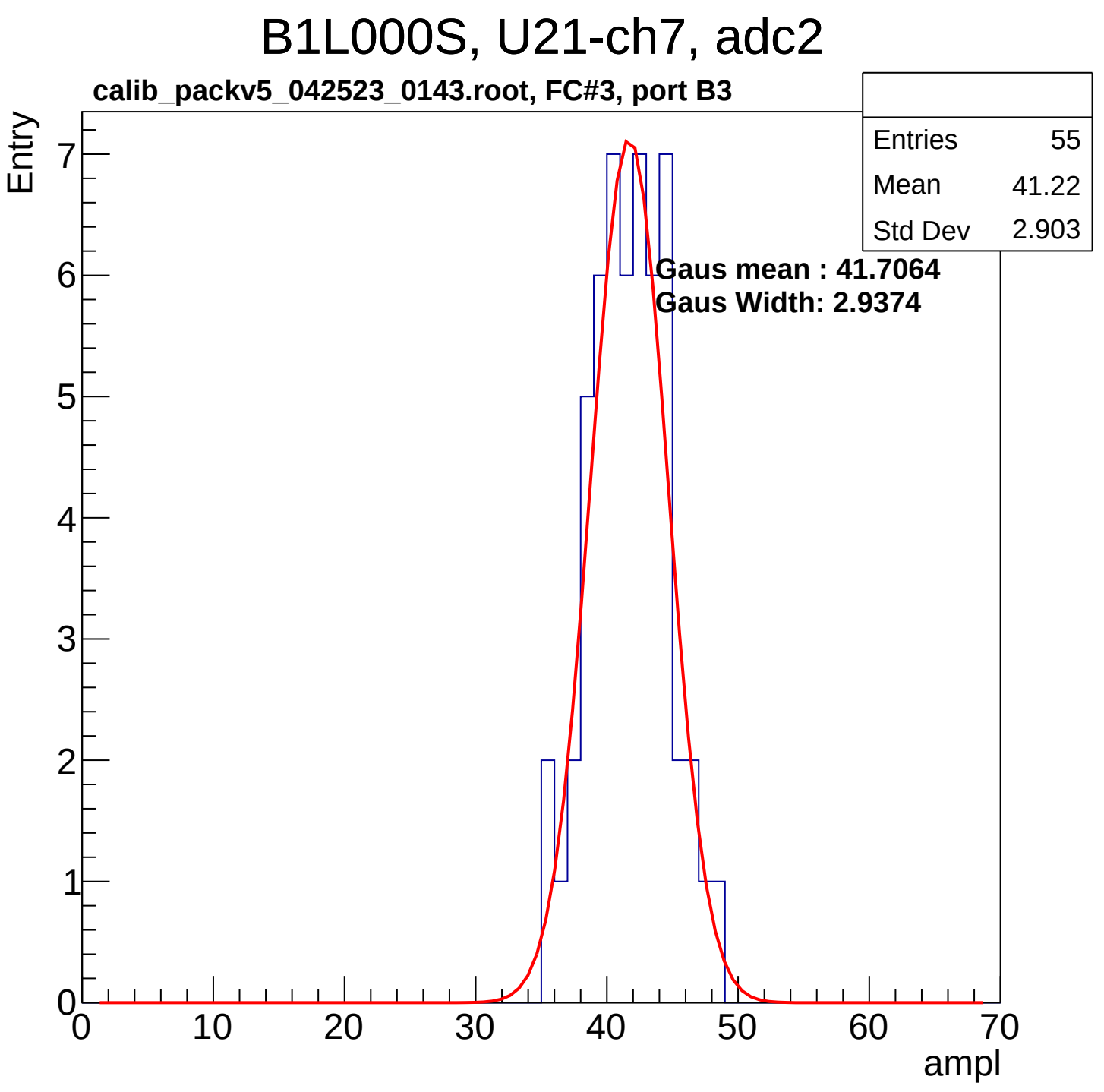

B1L000S, U21-ch6, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 58.49
Std Dev 2.847
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

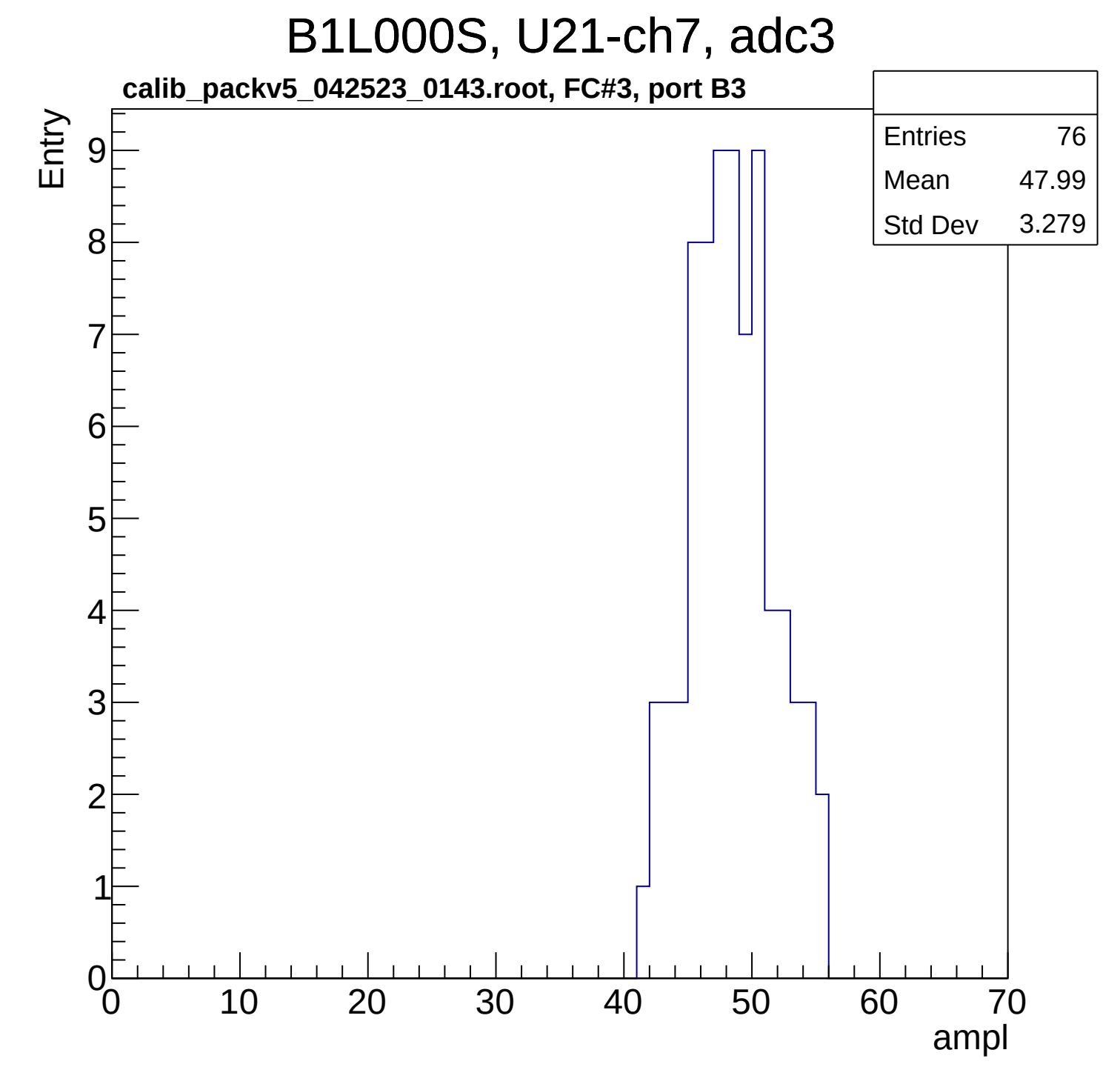

B1L000S, U21-ch6, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 21
Mean 58.38
Std Dev 13.15
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

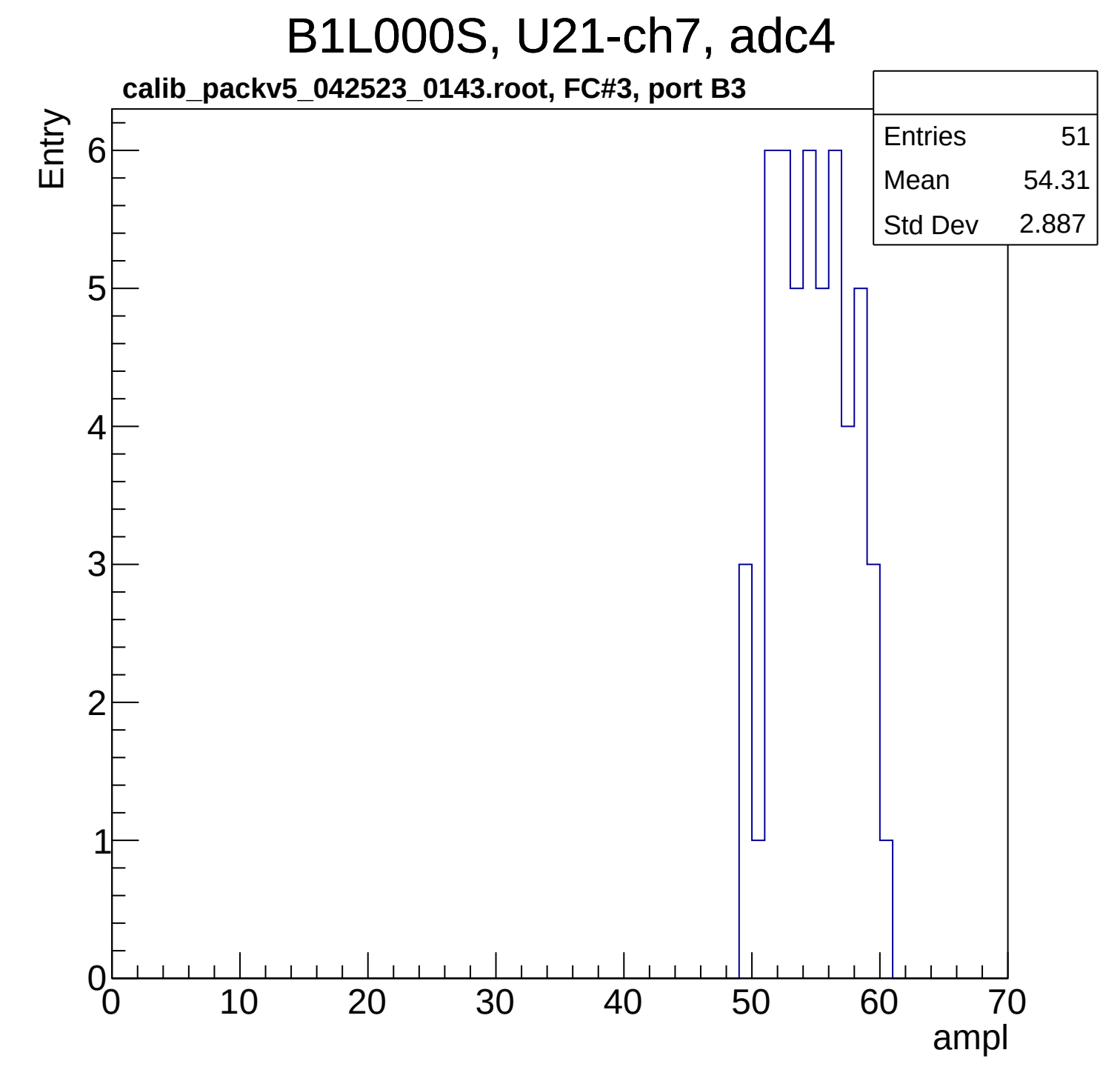

B1L000S, U21-ch6, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

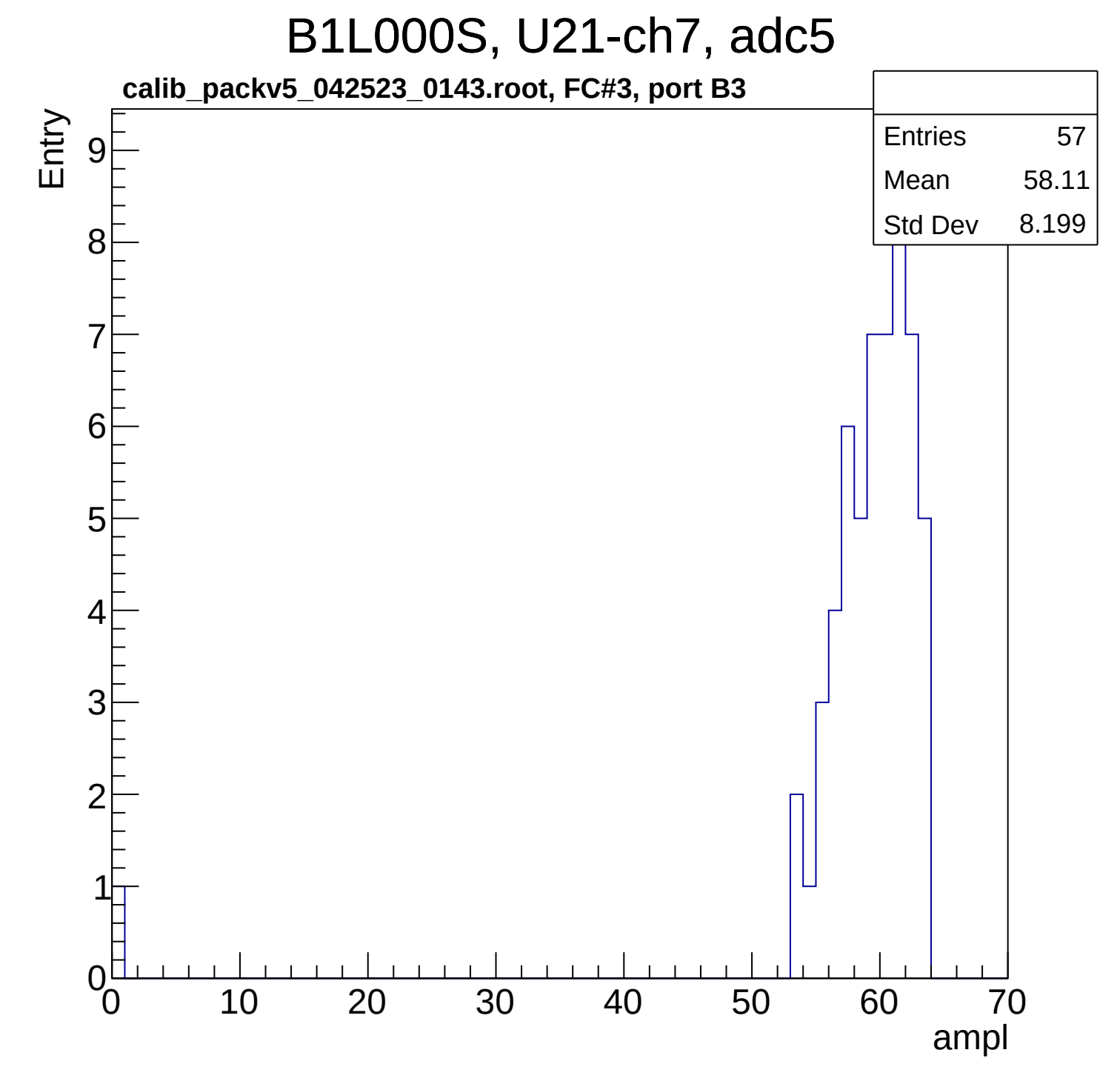

B1L000S, U21-ch7, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 28.12
Std Dev 3.283
Gaus mean : 28.2620
Gaus Width: 3.6395
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

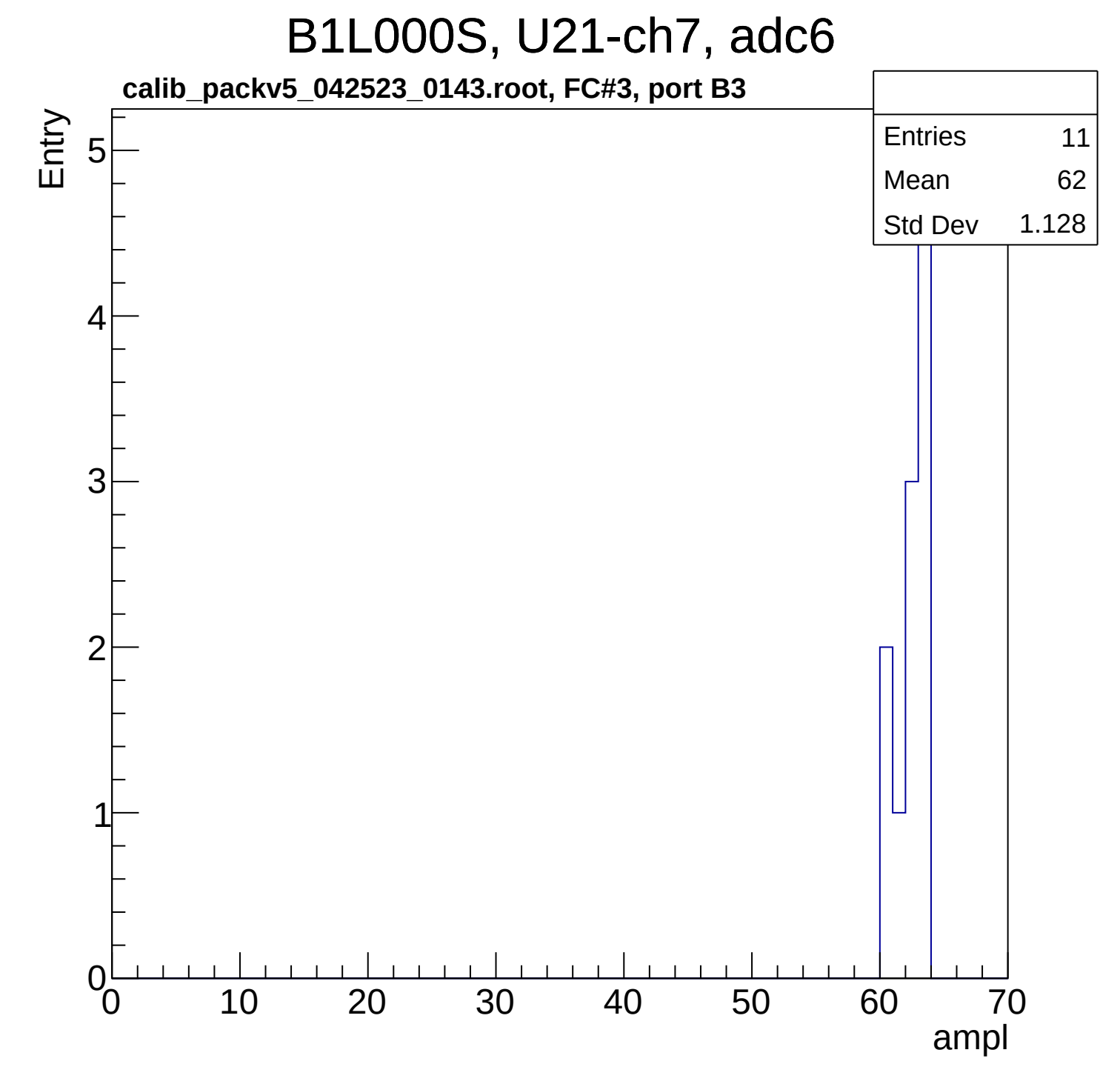

B1L000S, U21-ch7, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 34.89
Std Dev 3.422
Gaus mean : 35.6079
Gaus Width: 3.7939
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

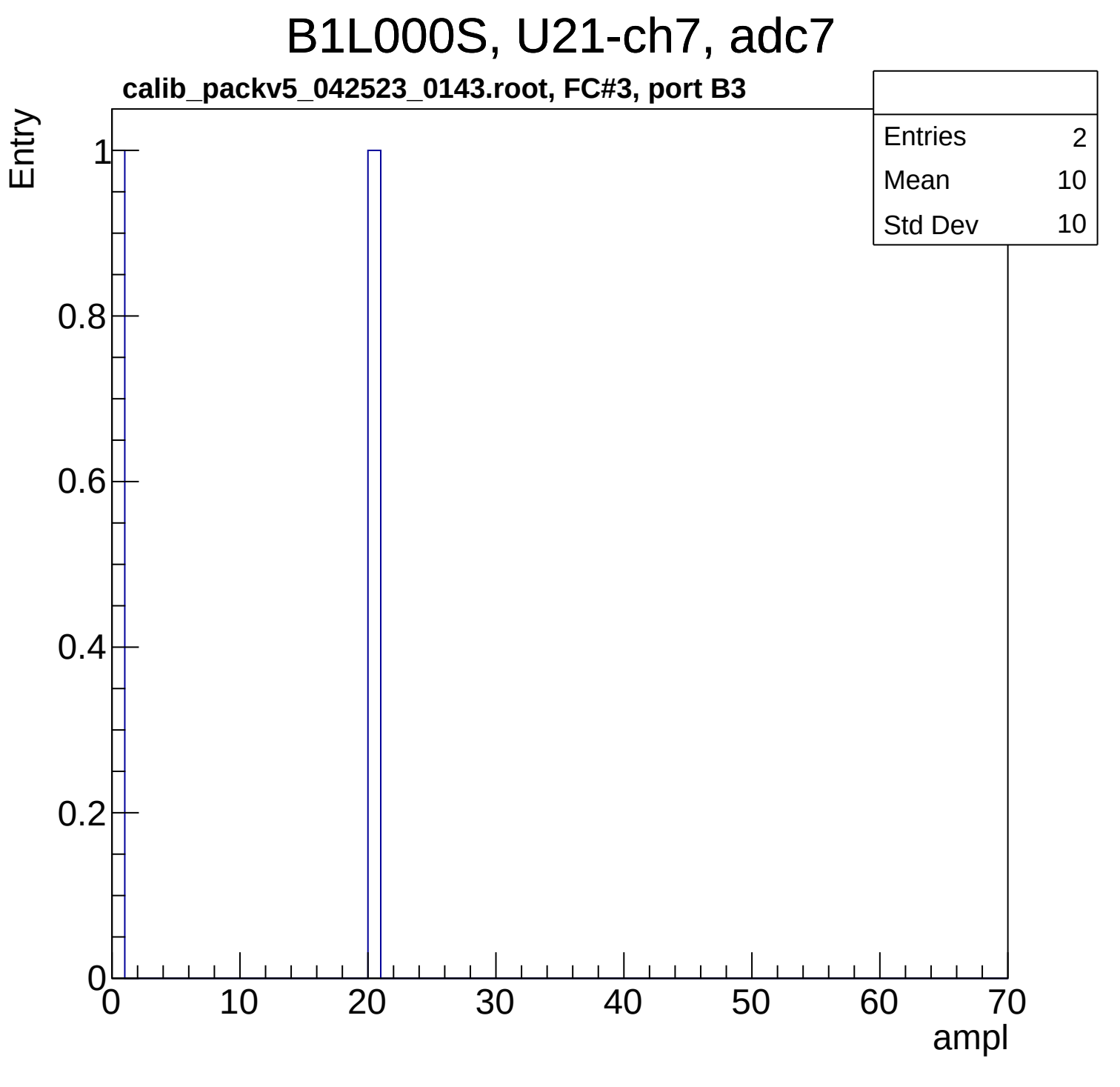

B1L000S, U21-ch7, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 41.22
Std Dev 2.903
Gaus mean : 41.7064
Gaus Width: 2.9374
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

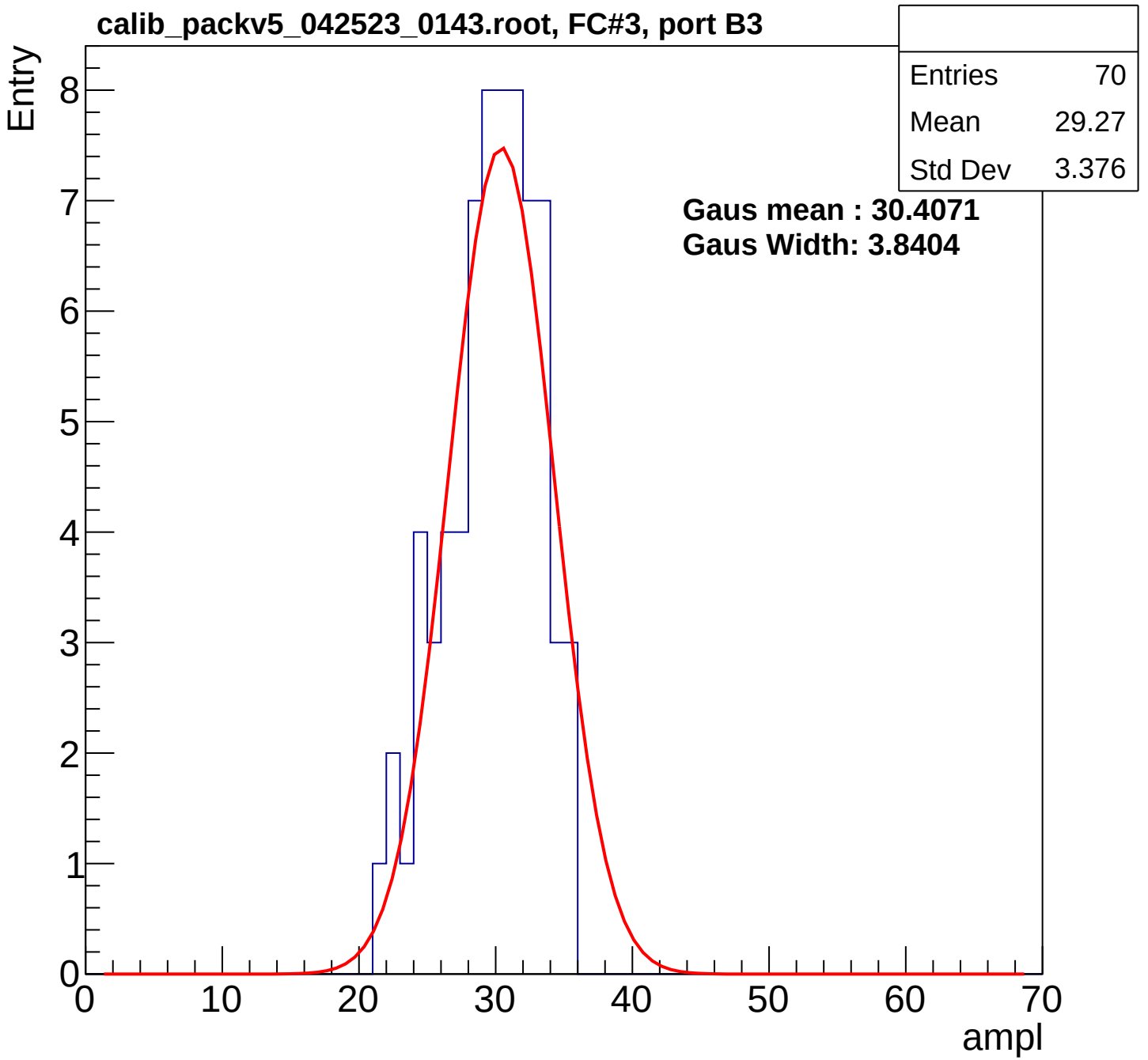

B1L000S, U21-ch7, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 47.99
Std Dev 3.279
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

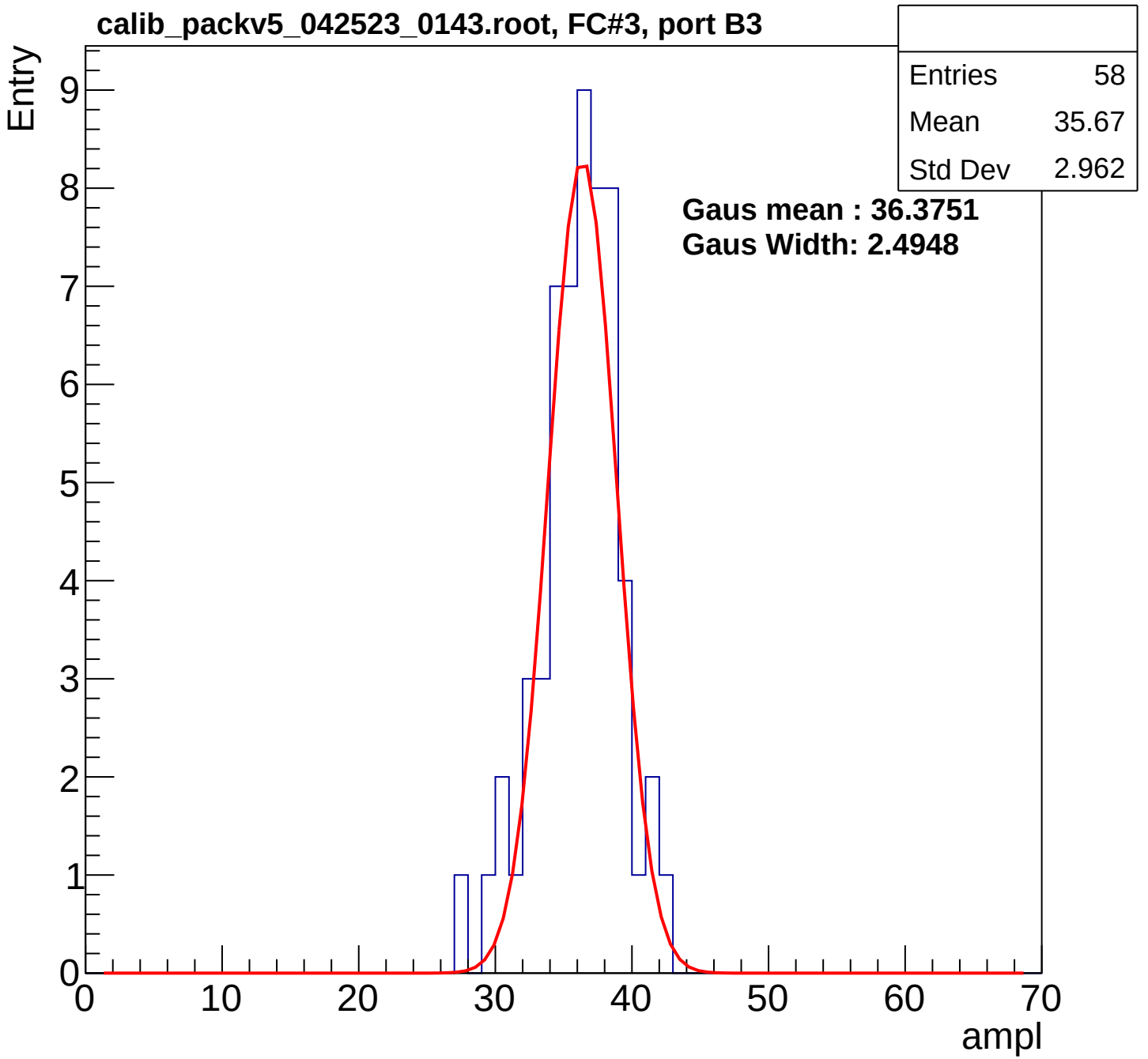

B1L000S, U21-ch7, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 54.31
Std Dev 2.887
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

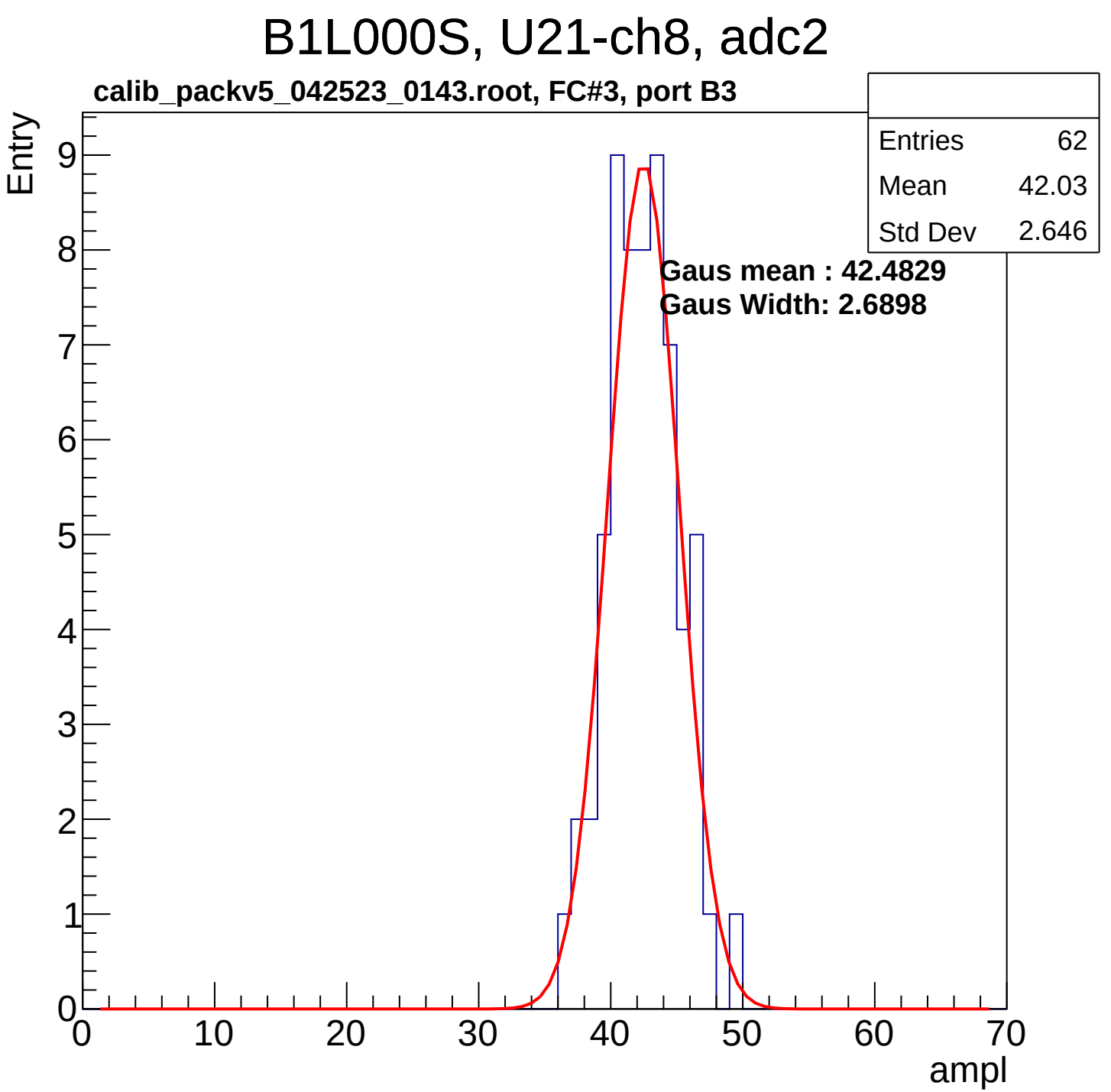

B1L000S, U21-ch7, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 58.11
Std Dev 8.199
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

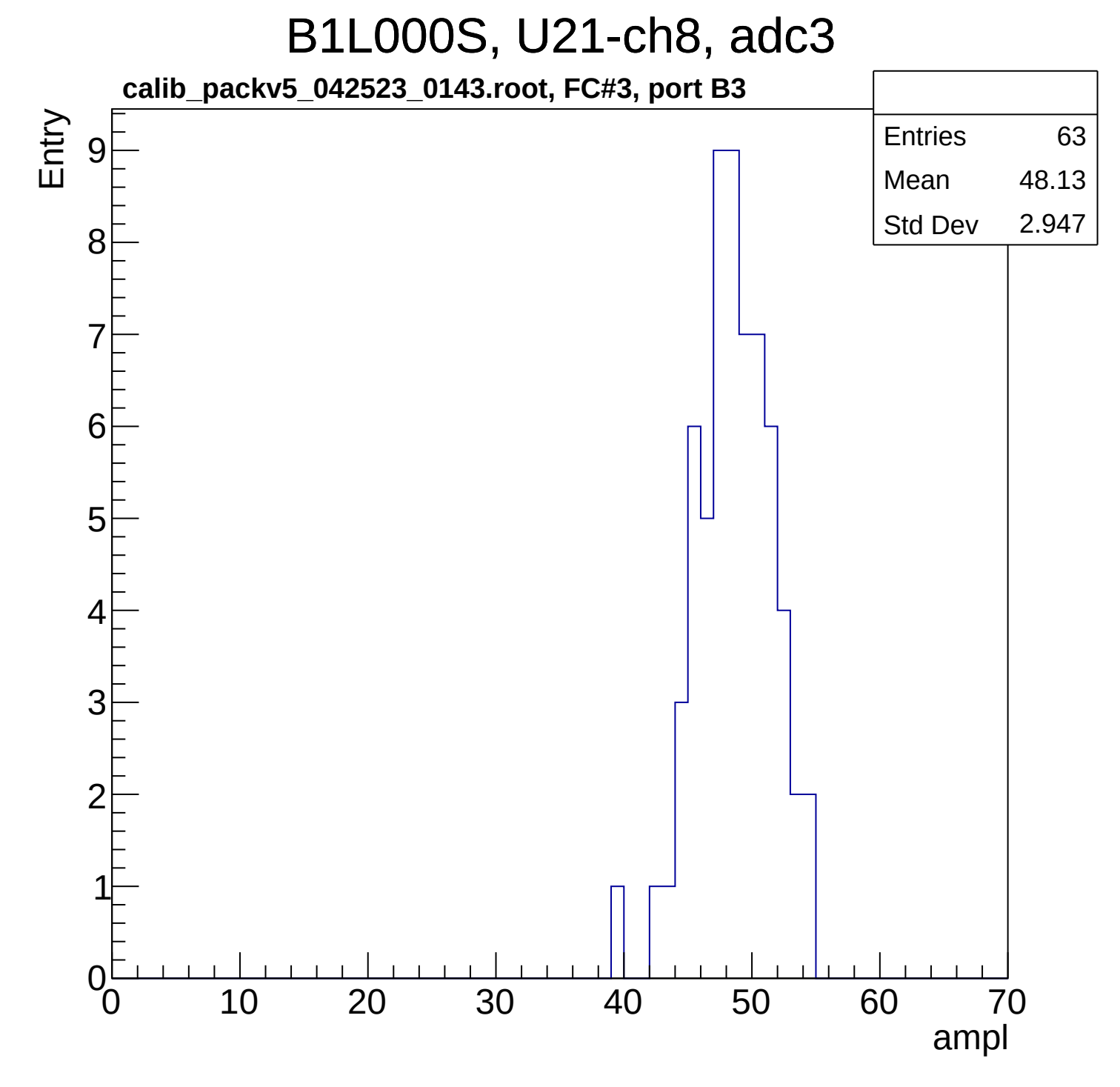

B1L000S, U21-ch7, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 62
Std Dev 1.128
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

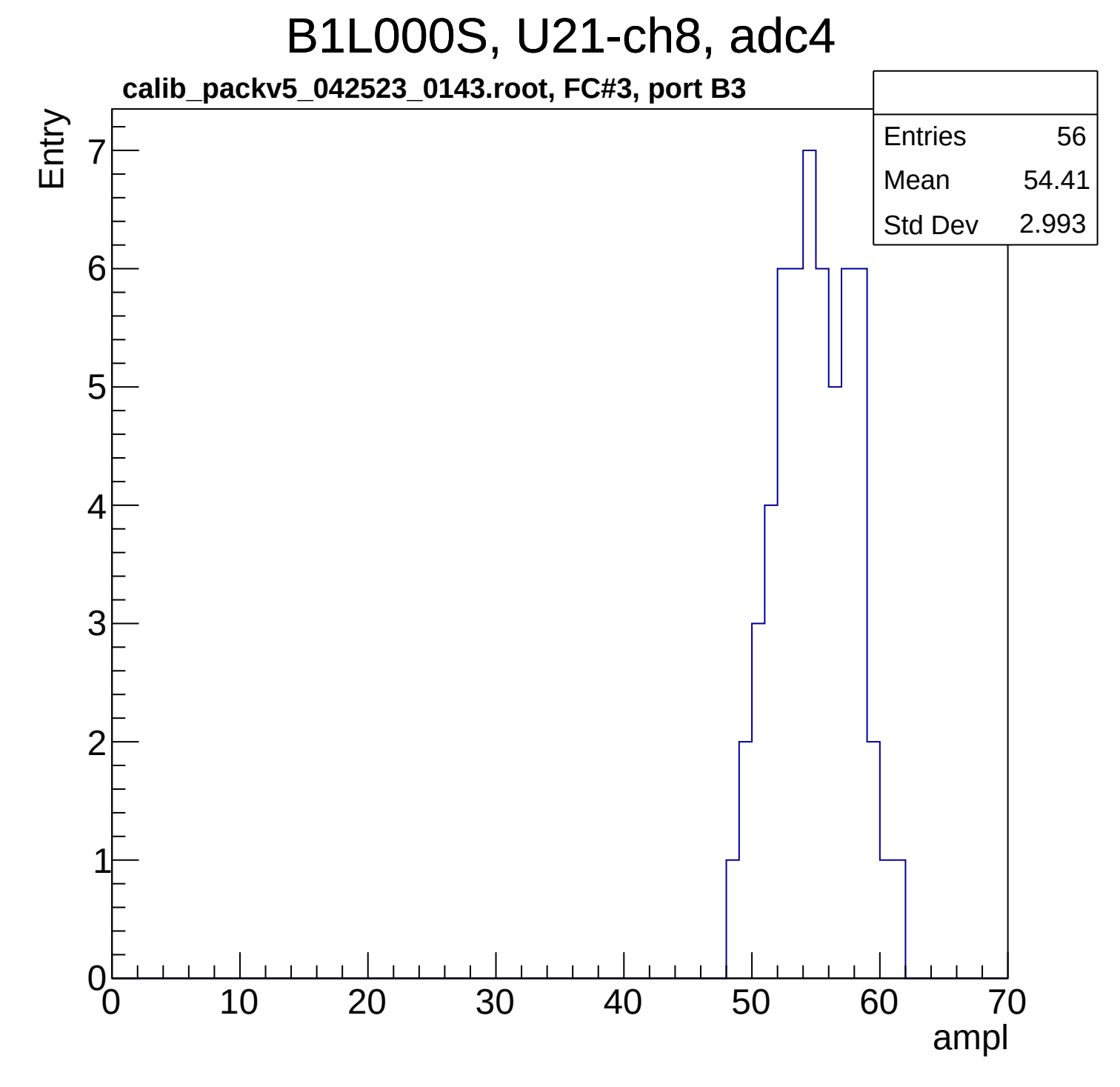

B1L000S, U21-ch7, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 10
Std Dev 10
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

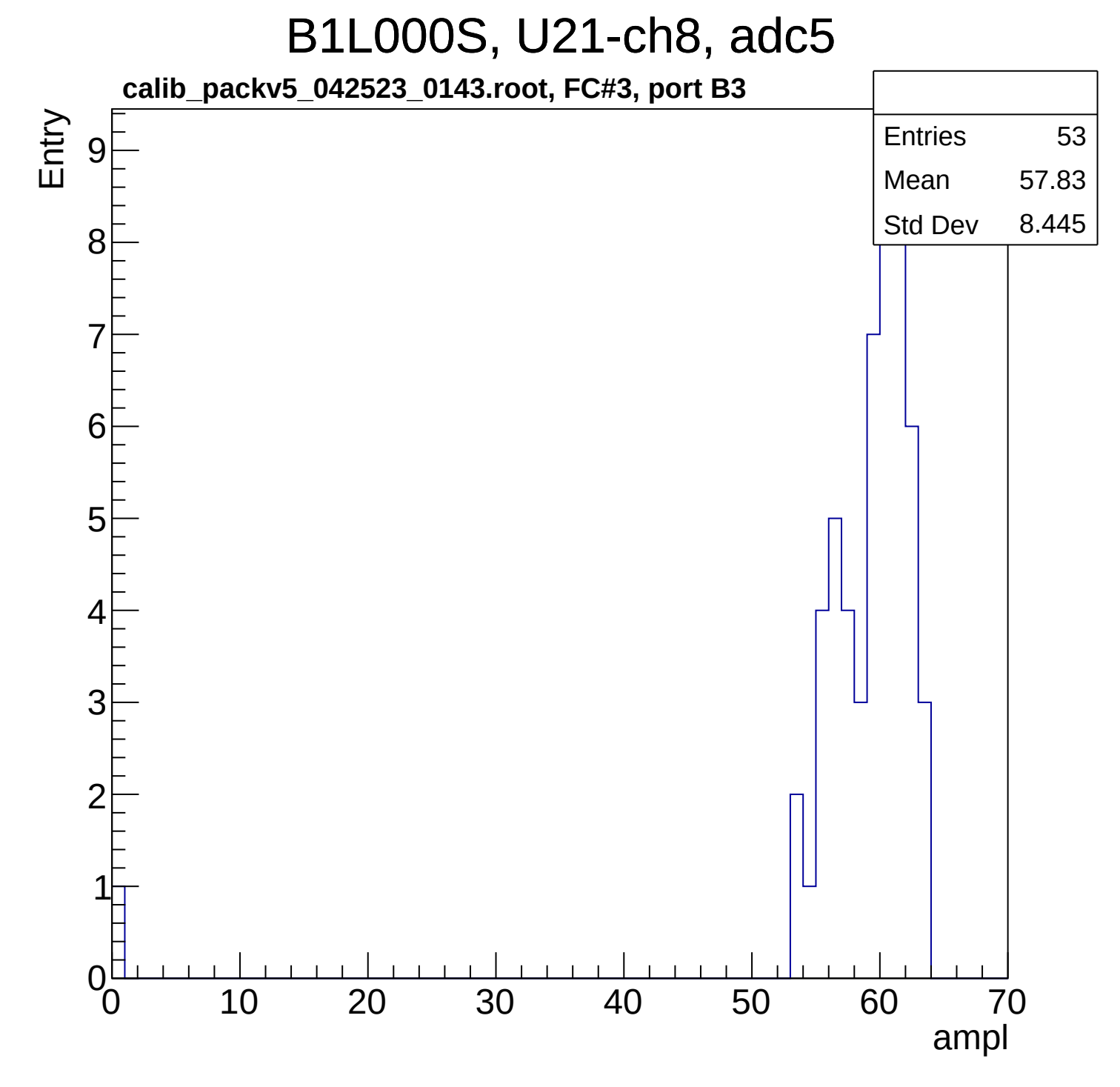

B1L000S, U21-ch8, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 29.27
Std Dev 3.376
Gaus mean : 30.4071
Gaus Width: 3.8404
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

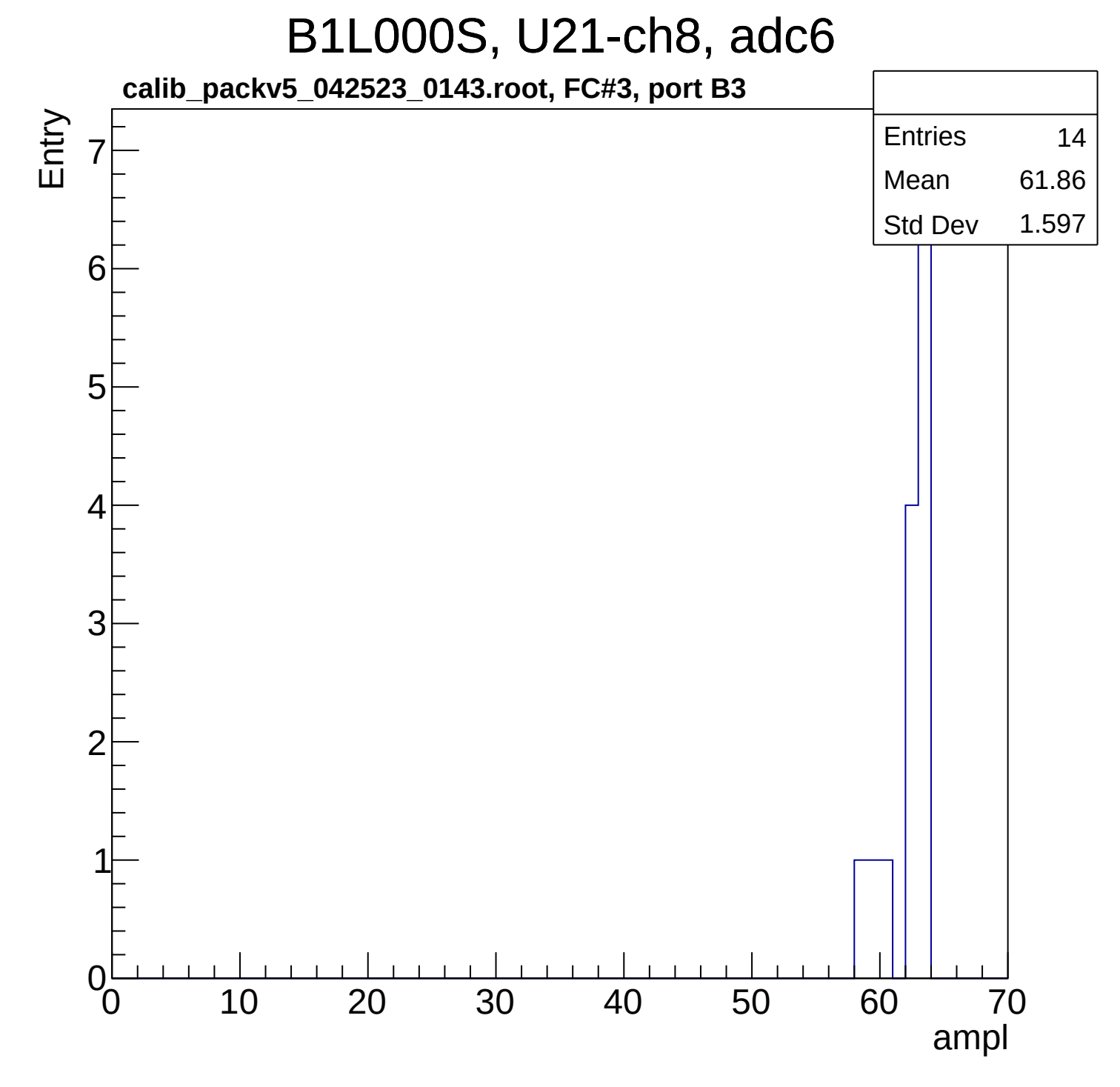

B1L000S, U21-ch8, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 35.67
Std Dev 2.962
Gaus mean : 36.3751
Gaus Width: 2.4948
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

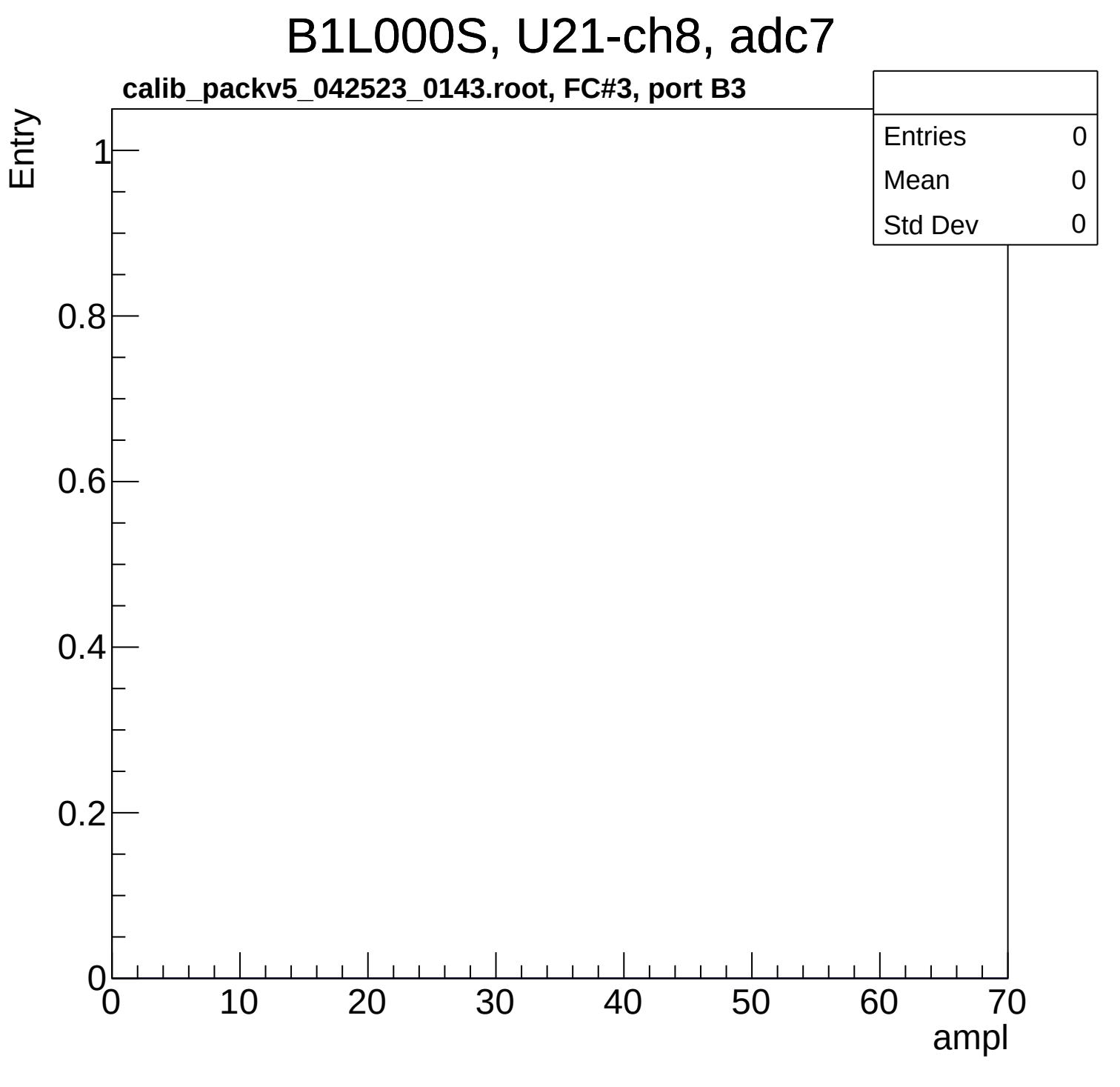

B1L000S, U21-ch8, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 42.03
Std Dev 2.646
Gaus mean : 42.4829
Gaus Width: 2.6898
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

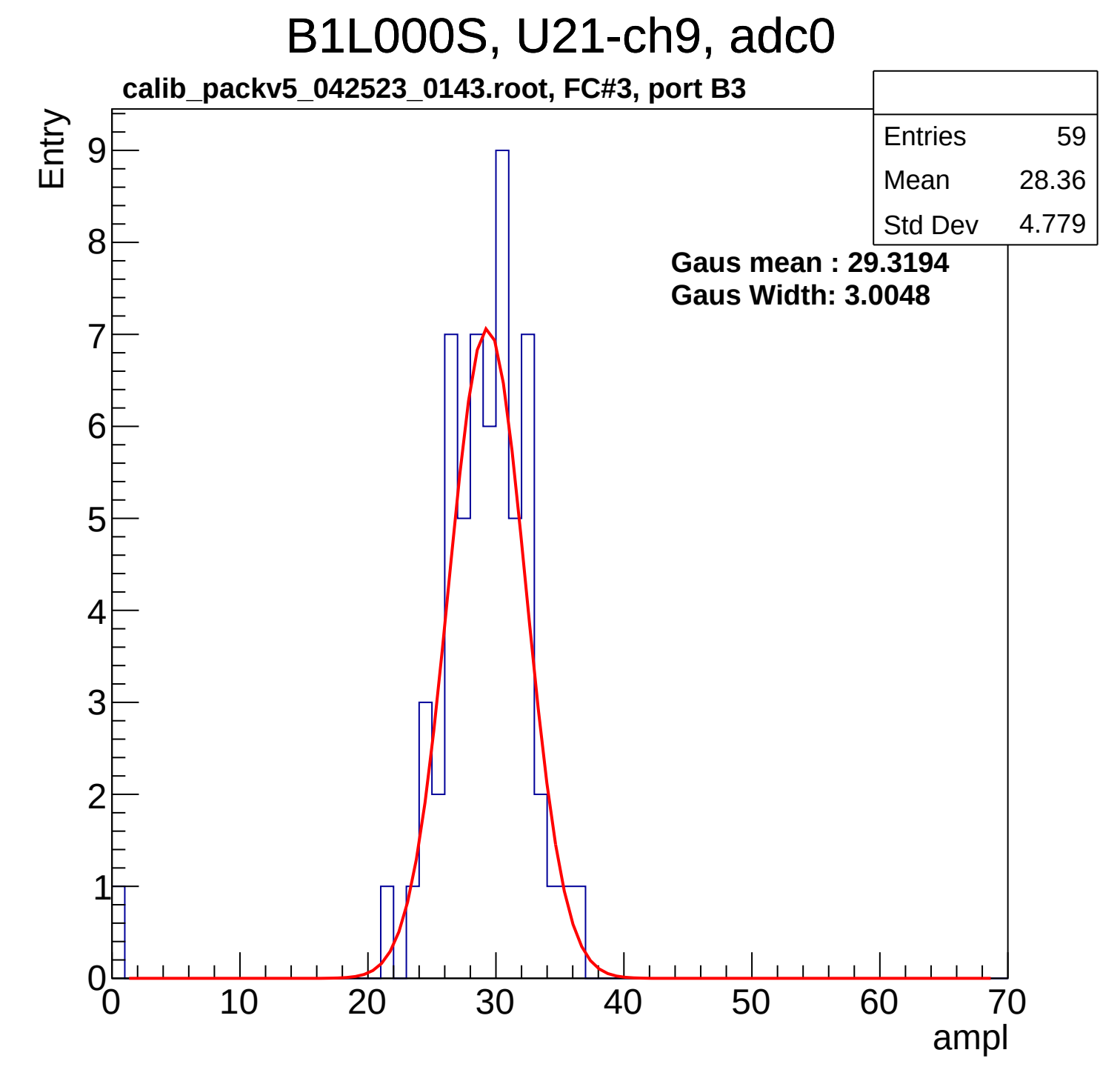

B1L000S, U21-ch8, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 48.13
Std Dev 2.947
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

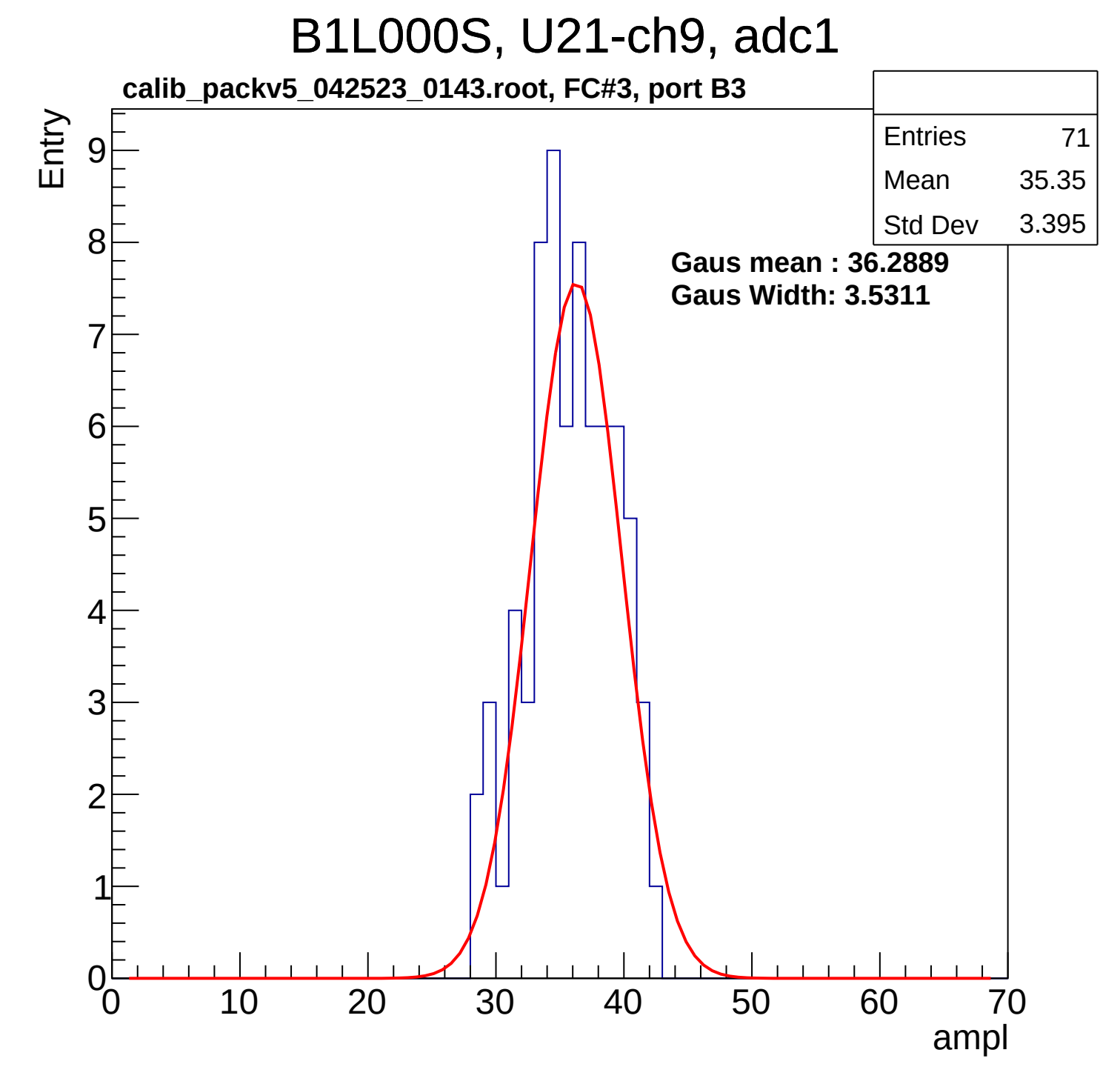

B1L000S, U21-ch8, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 54.41
Std Dev 2.993
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

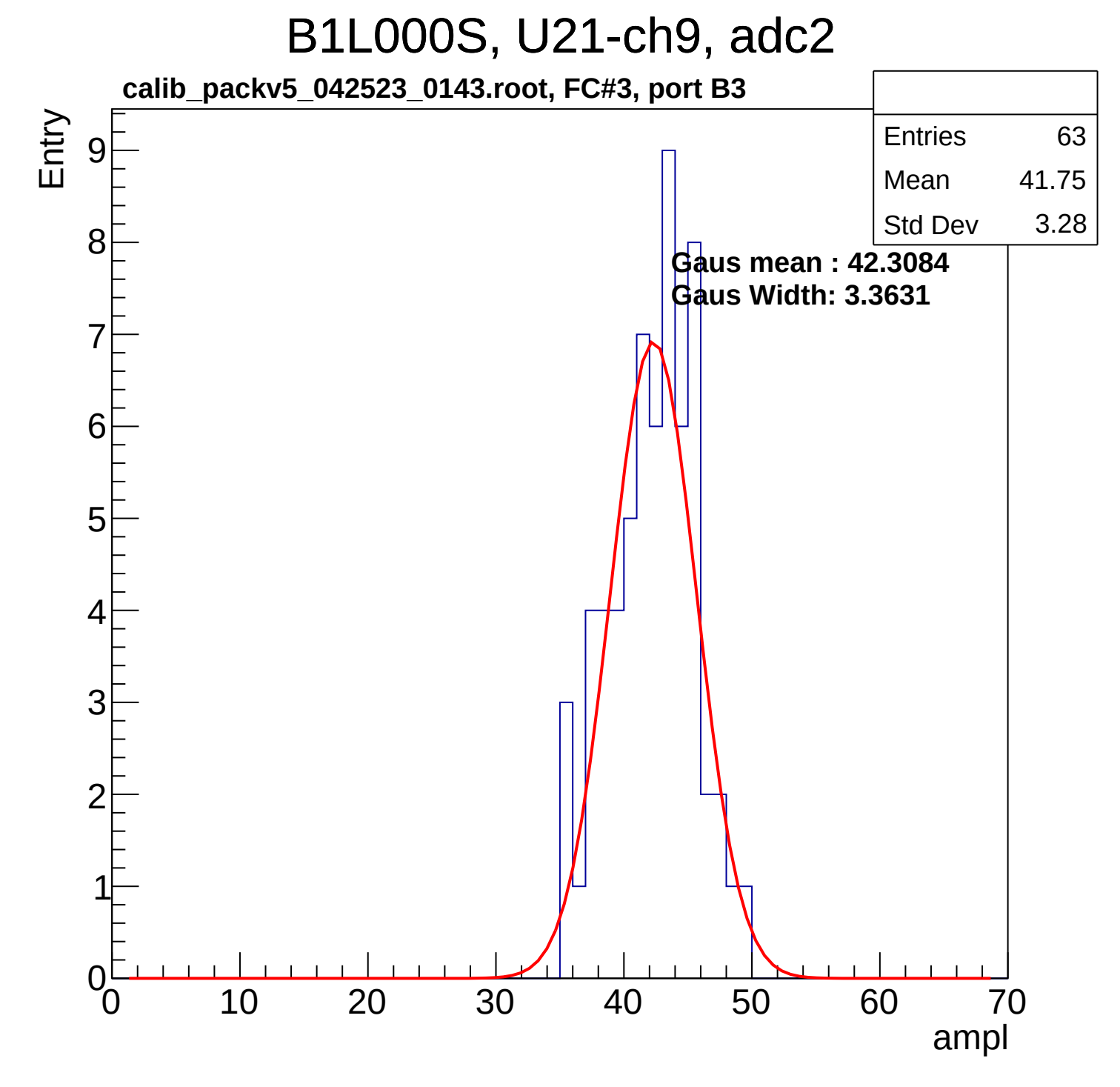

B1L000S, U21-ch8, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 57.83
Std Dev 8.445
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

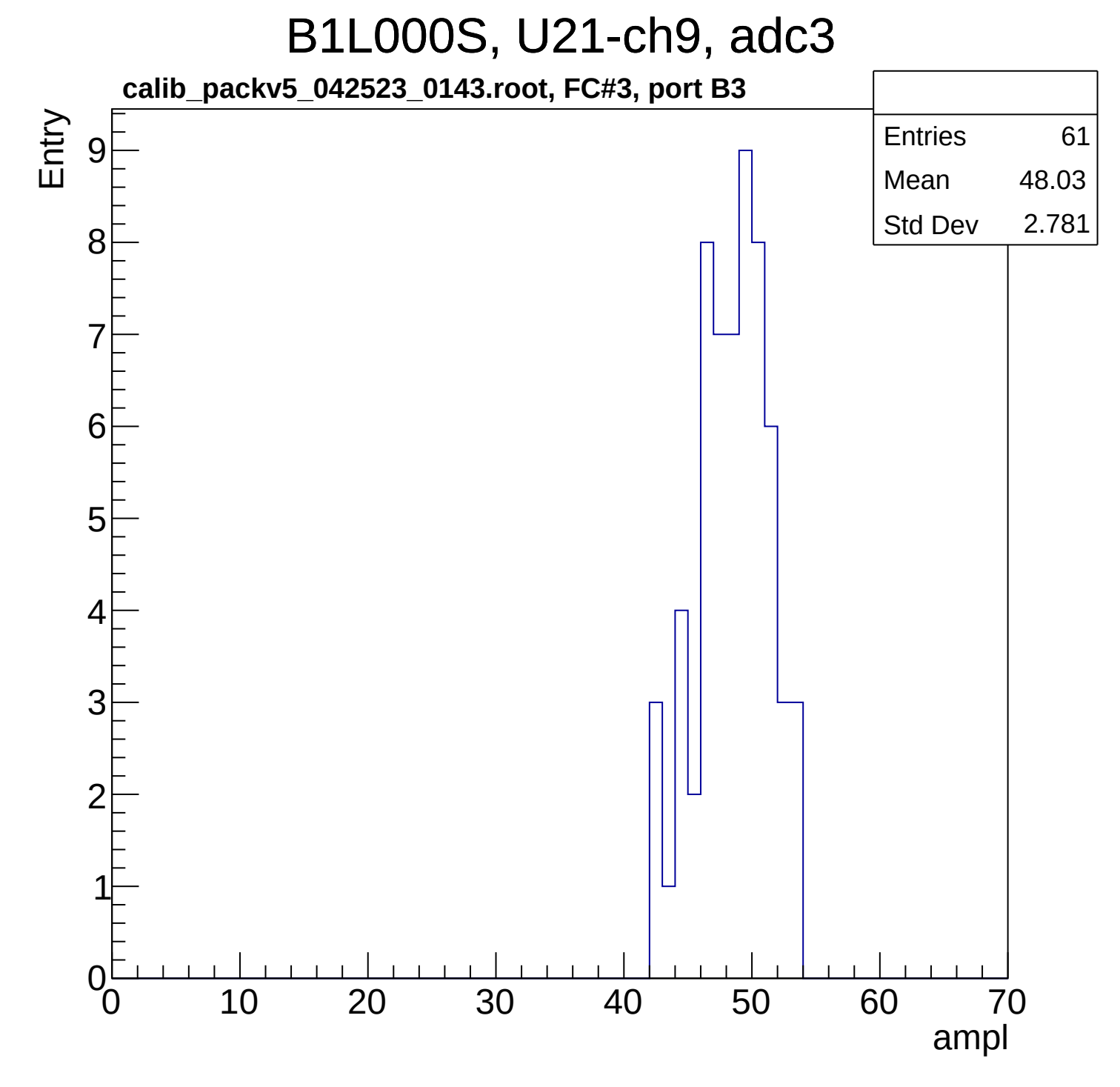

B1L000S, U21-ch8, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 61.86
Std Dev 1.597
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

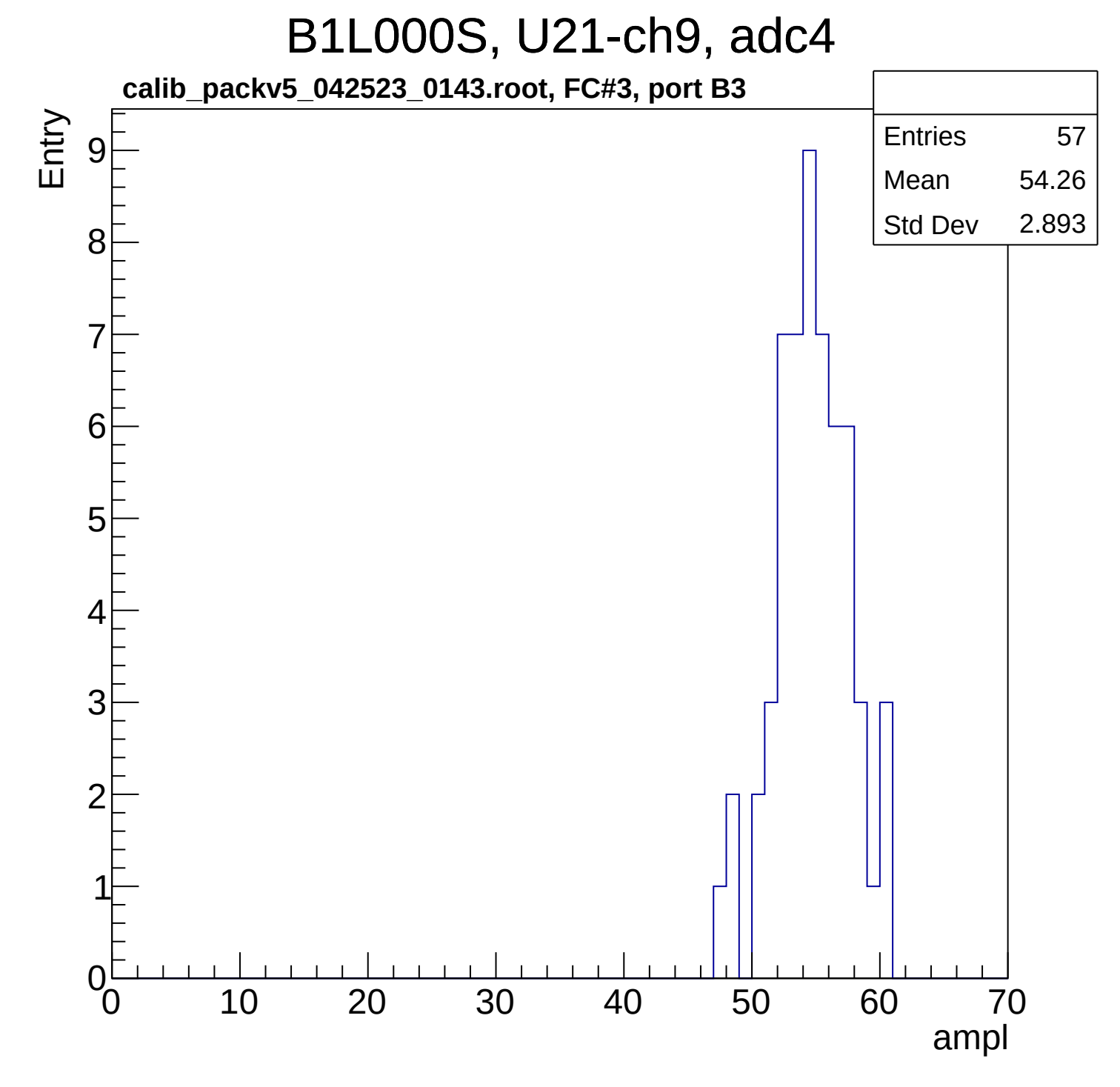

B1L000S, U21-ch8, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

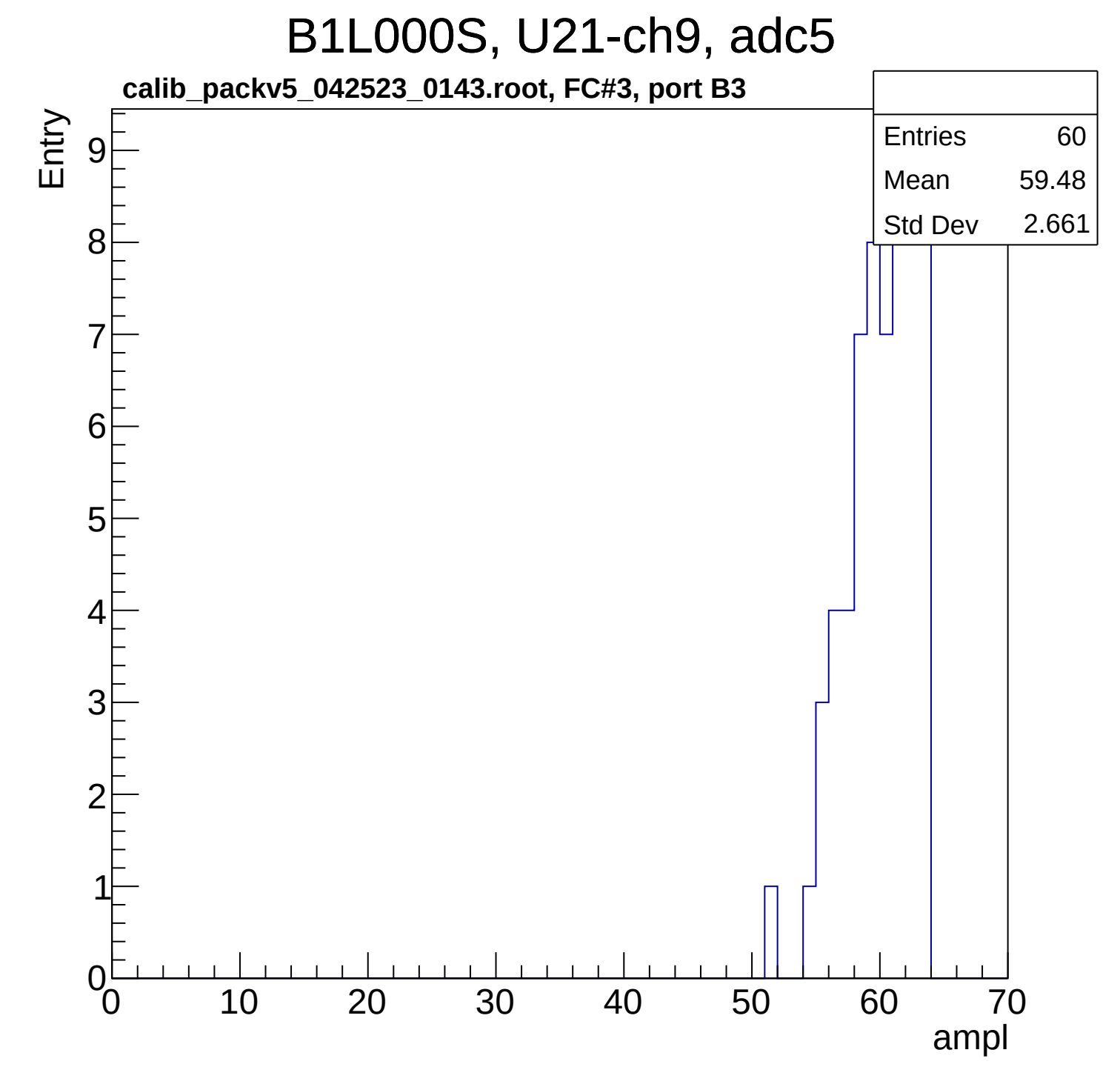

B1L000S, U21-ch9, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 28.36
Std Dev 4.779
Gaus mean : 29.3194
Gaus Width: 3.0048
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

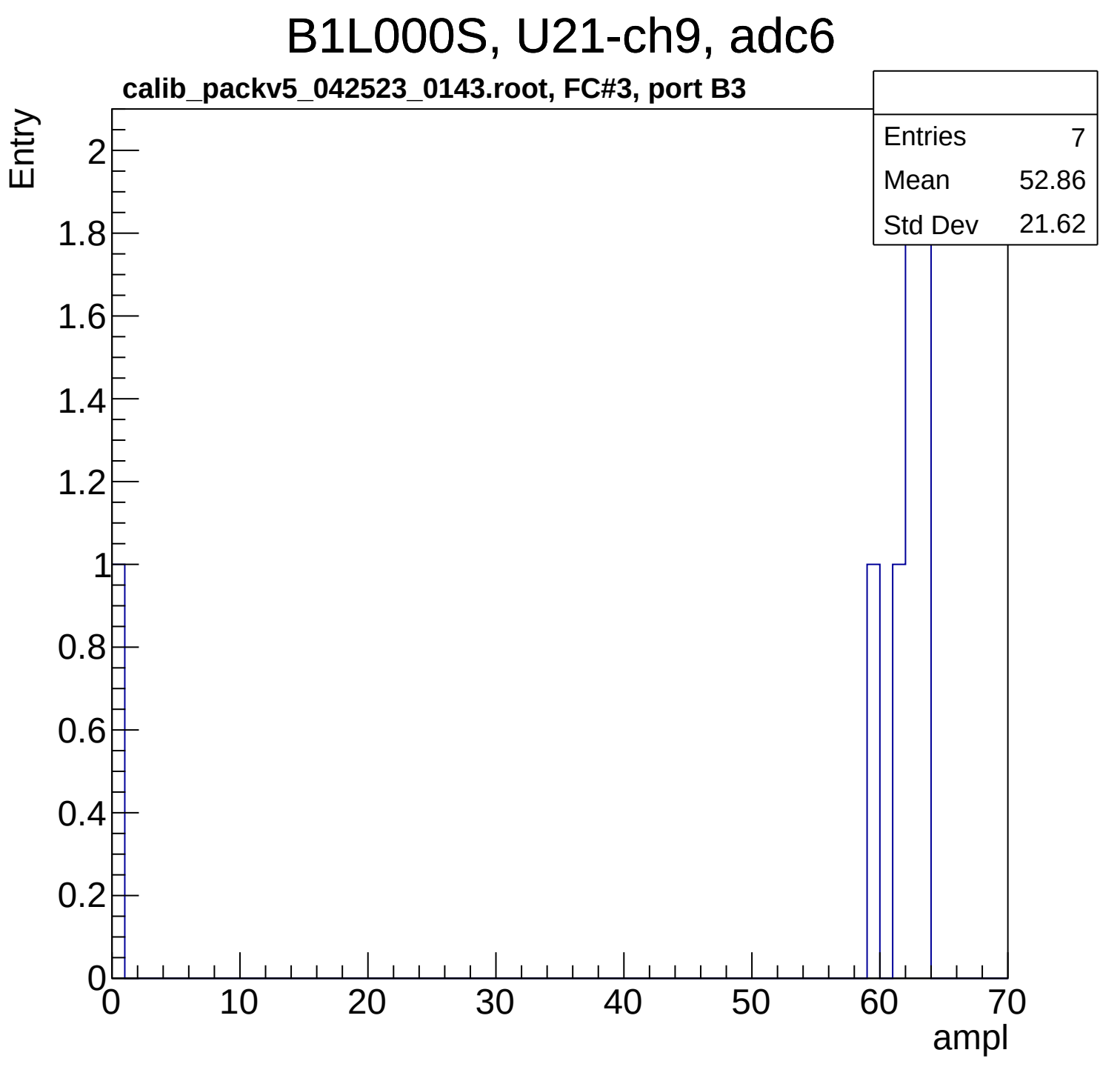

B1L000S, U21-ch9, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 35.35
Std Dev 3.395
Gaus mean : 36.2889
Gaus Width: 3.5311
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

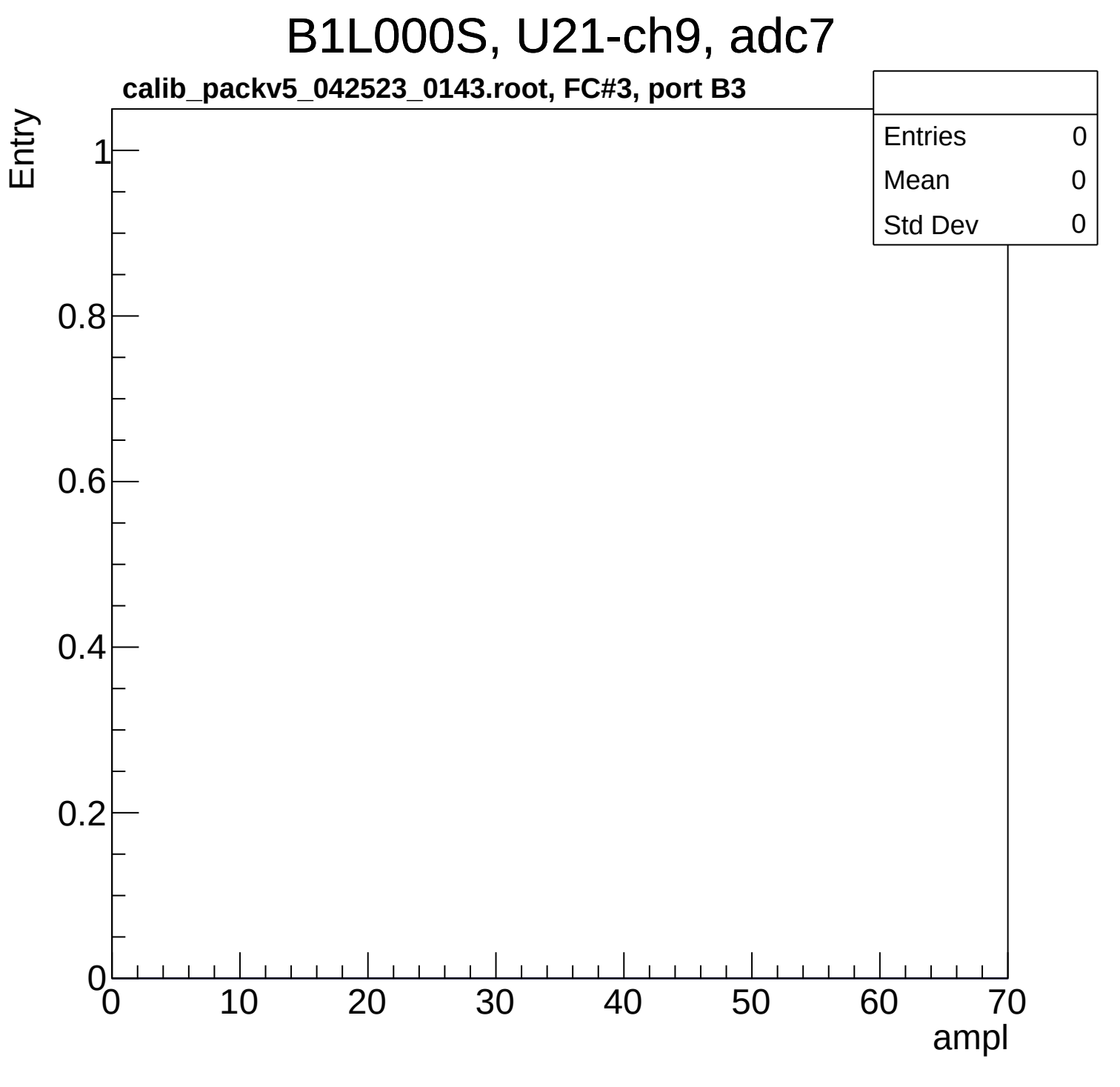

B1L000S, U21-ch9, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 41.75
Std Dev 3.28
Gaus mean : 42.3084
Gaus Width: 3.3631
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

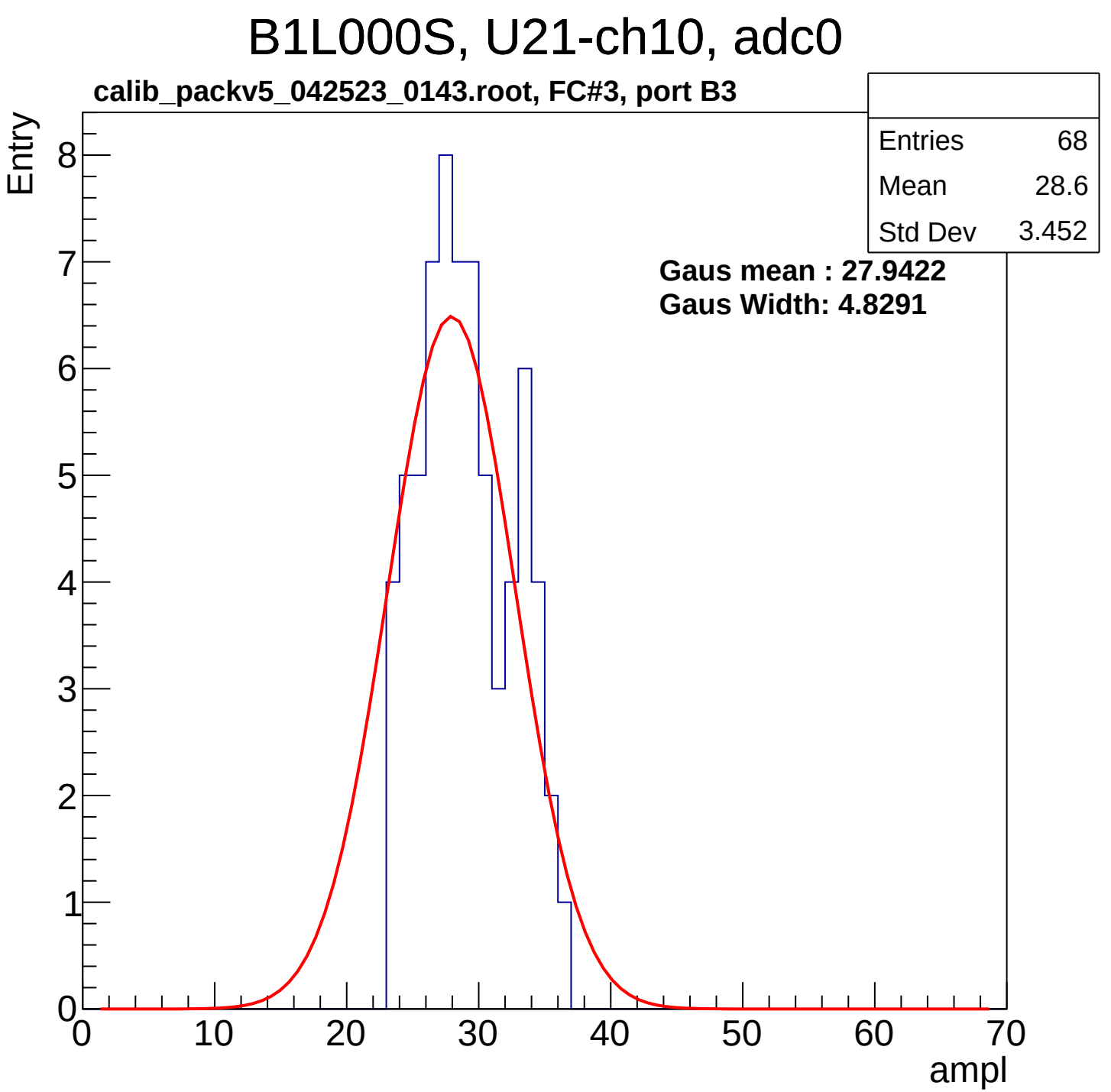

B1L000S, U21-ch9, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 48.03
Std Dev 2.781
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

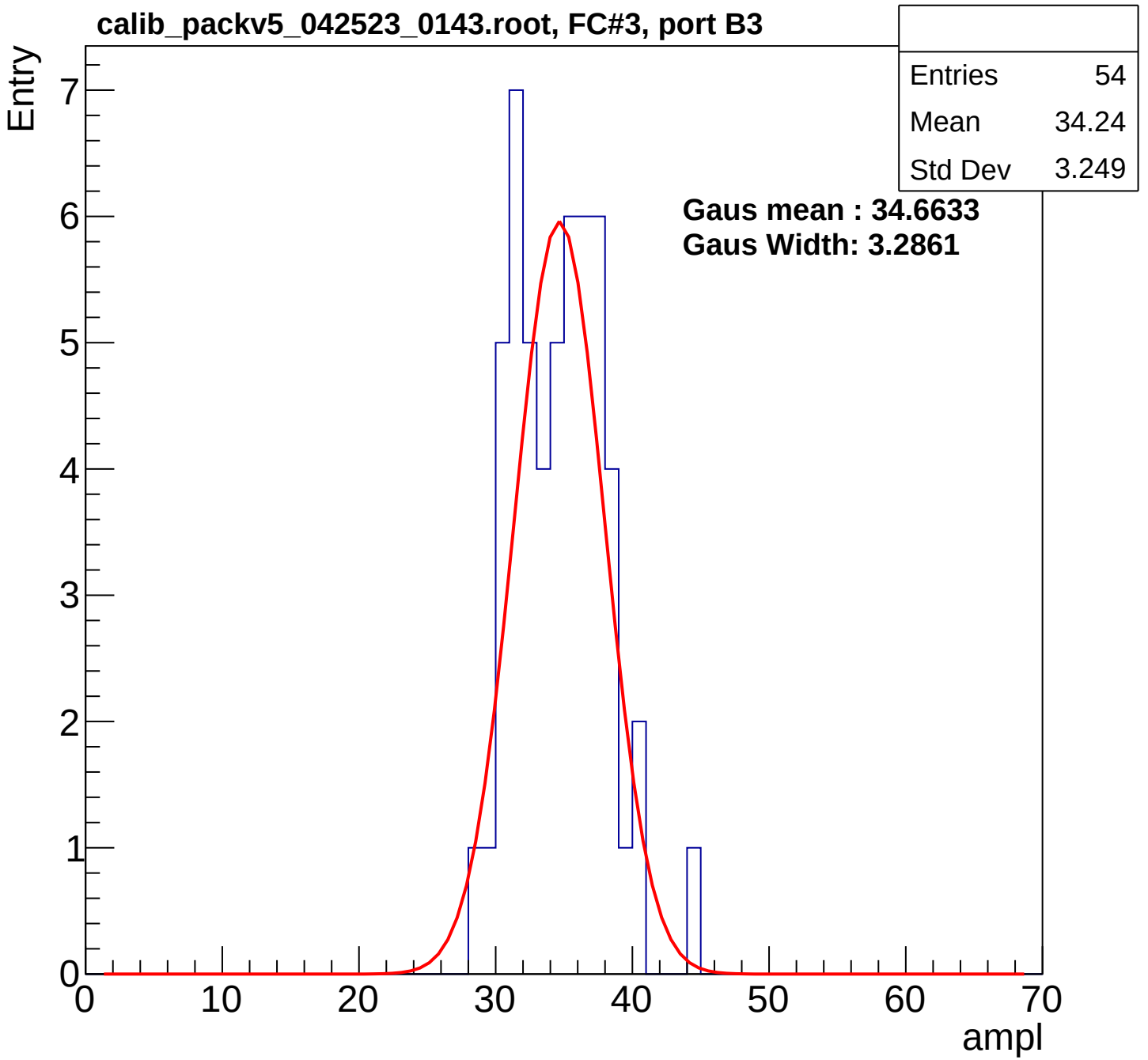

B1L000S, U21-ch9, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 54.26
Std Dev 2.893
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

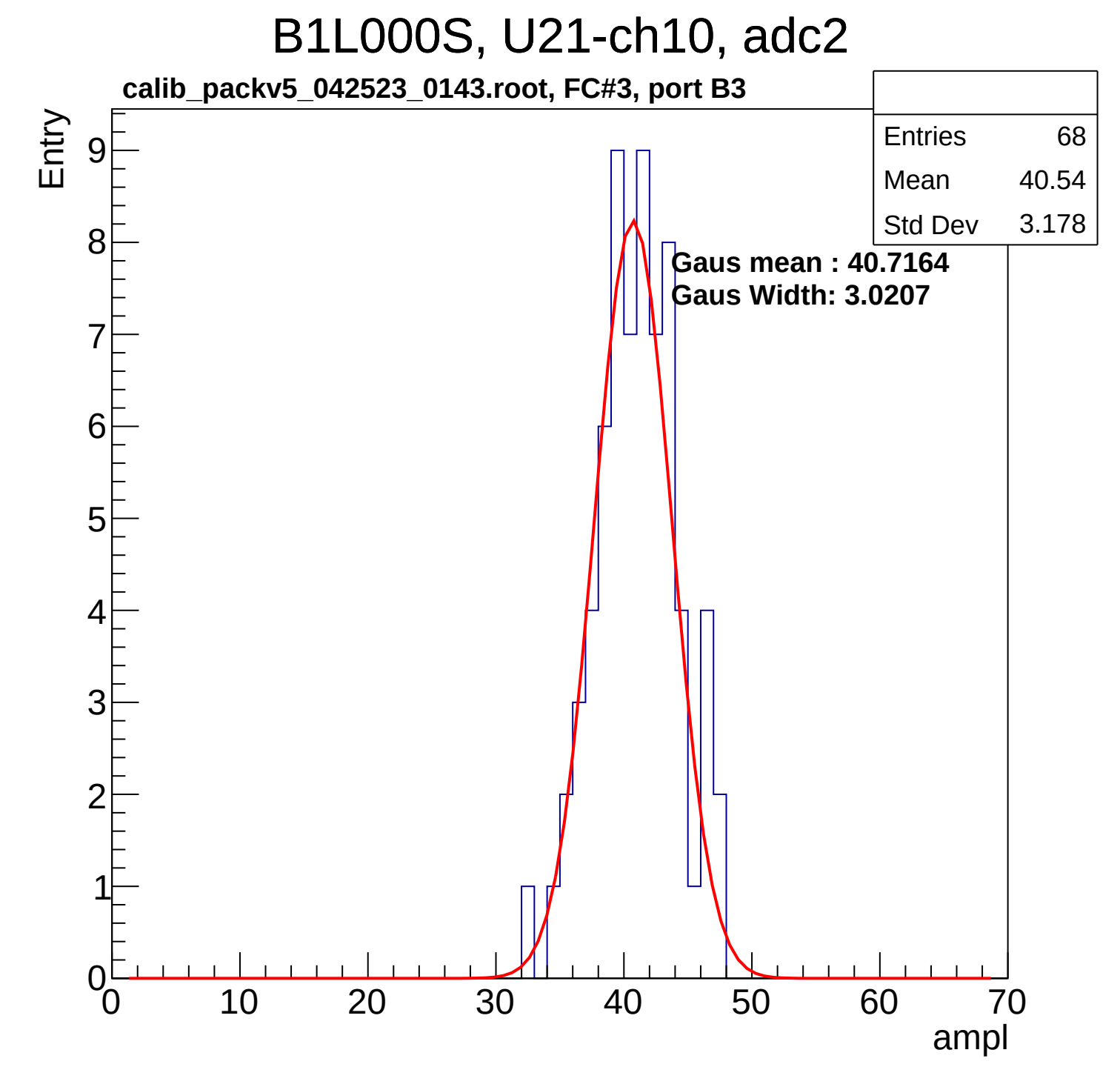

B1L000S, U21-ch9, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 59.48
Std Dev 2.661
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

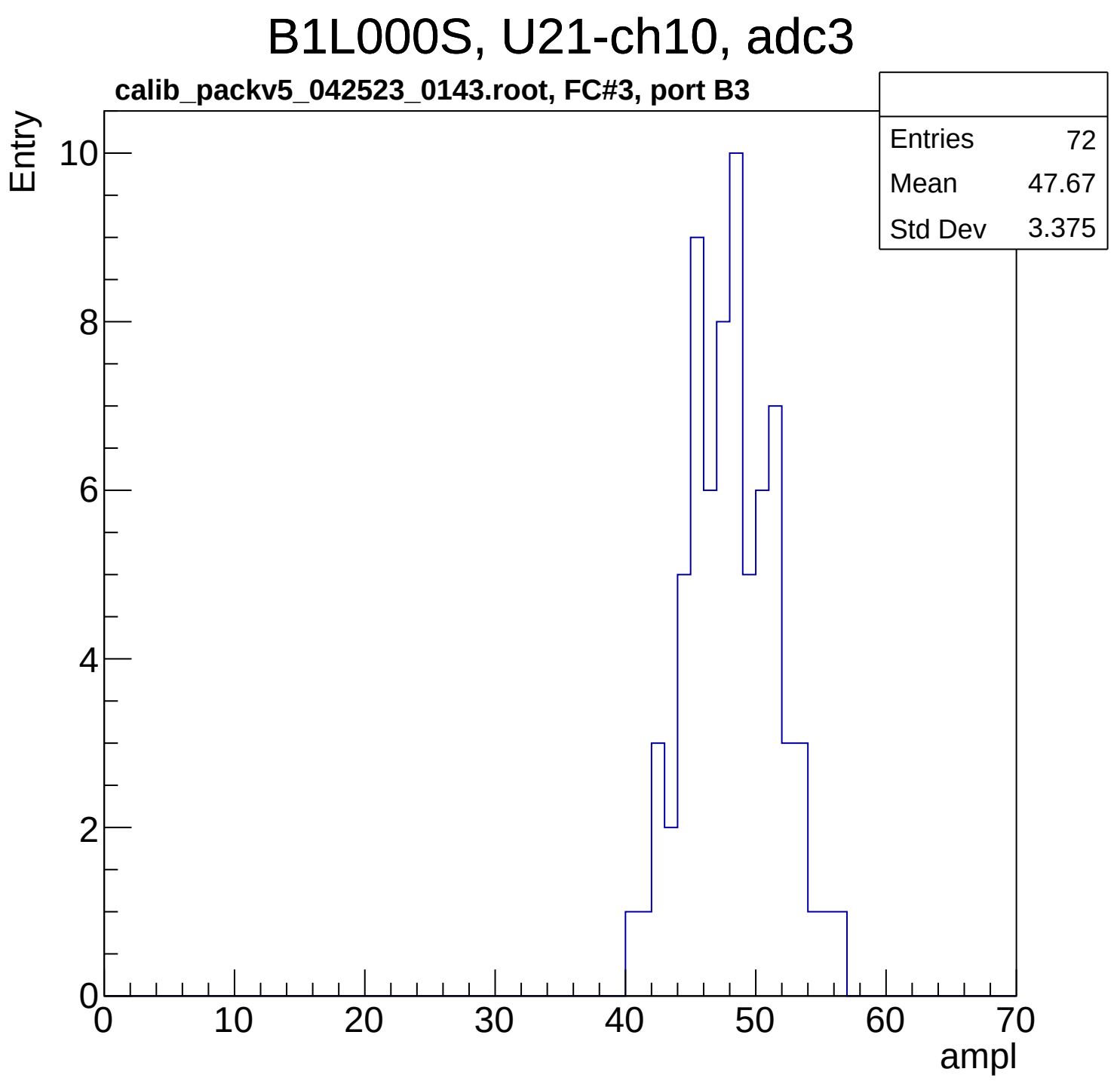

B1L000S, U21-ch9, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 7
Mean 52.86
Std Dev 21.62
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

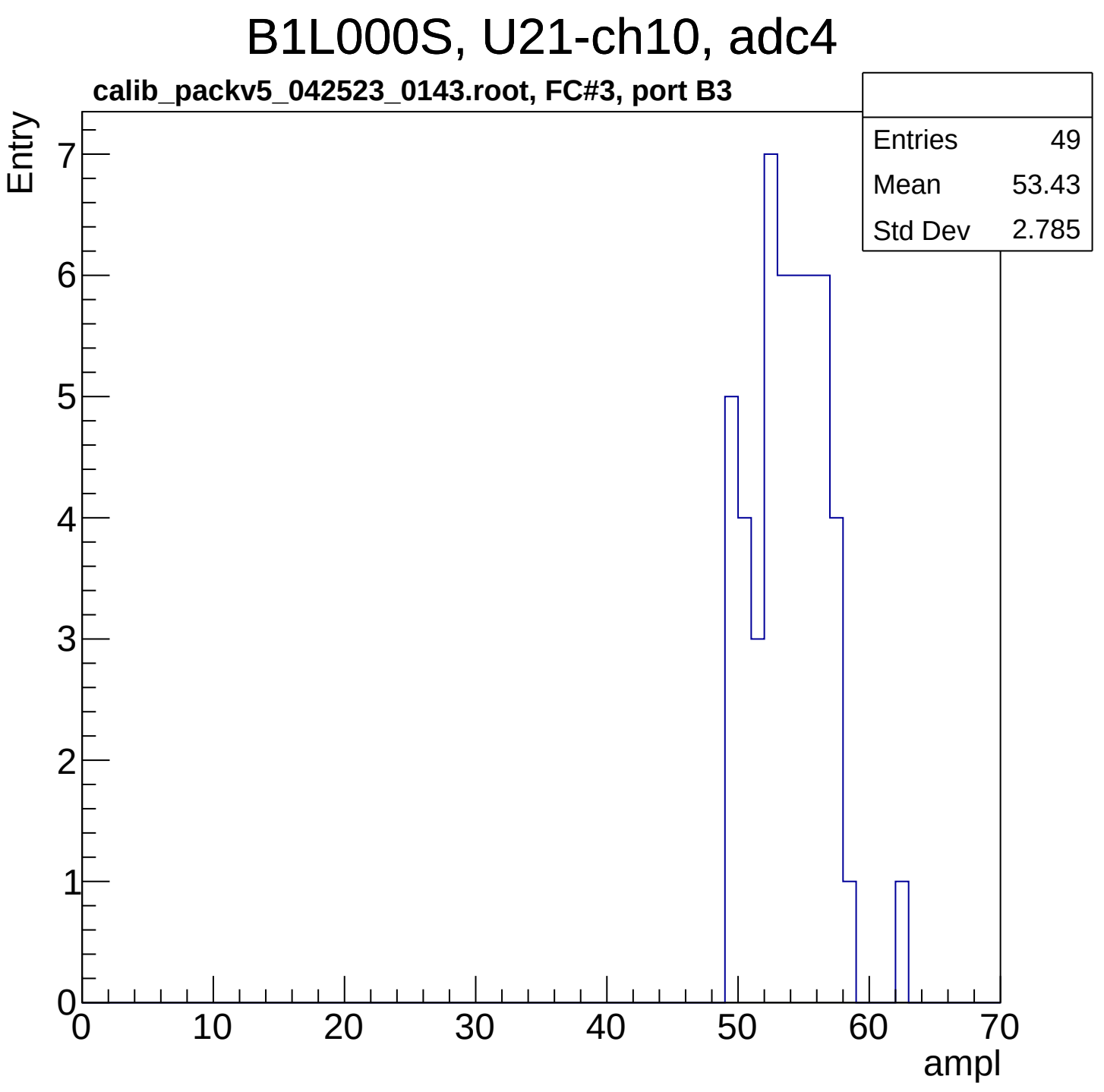

B1L000S, U21-ch9, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

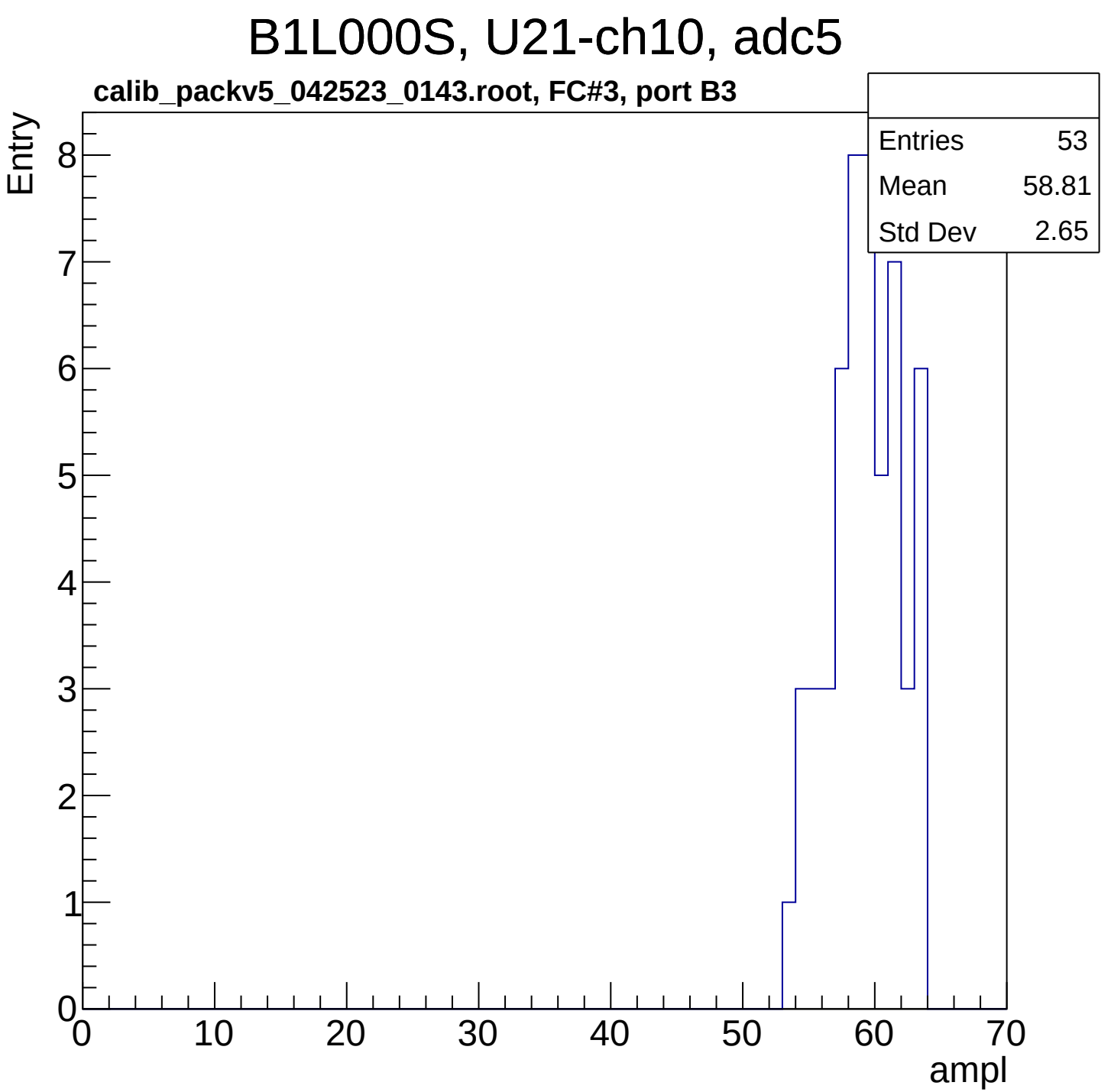

B1L000S, U21-ch10, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 28.6
Std Dev 3.452
Gaus mean : 27.9422
Gaus Width: 4.8291
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

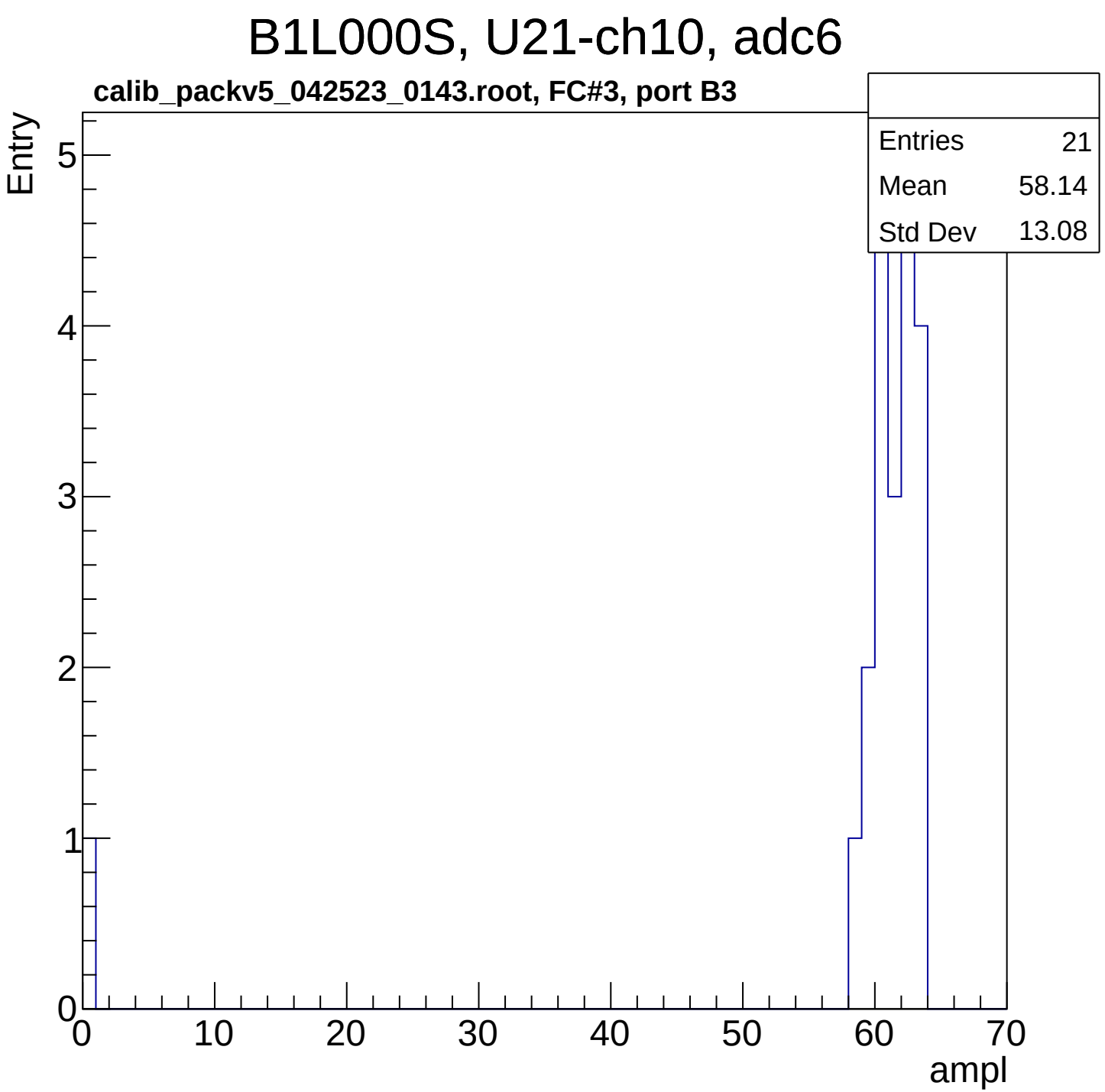

B1L000S, U21-ch10, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 34.24
Std Dev 3.249
Gaus mean : 34.6633
Gaus Width: 3.2861
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

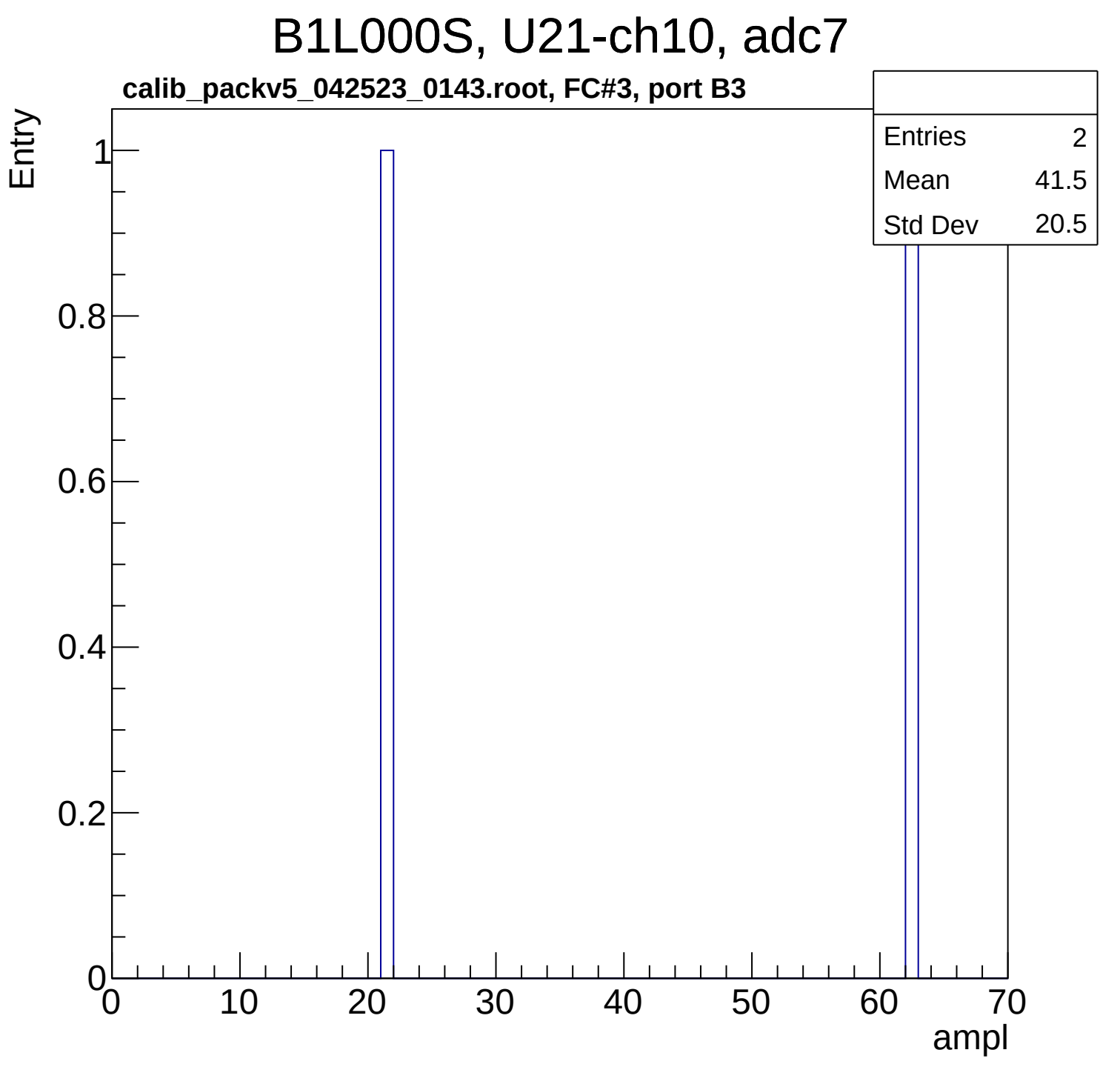

B1L000S, U21-ch10, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 40.54
Std Dev 3.178
Gaus mean : 40.7164
Gaus Width: 3.0207
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

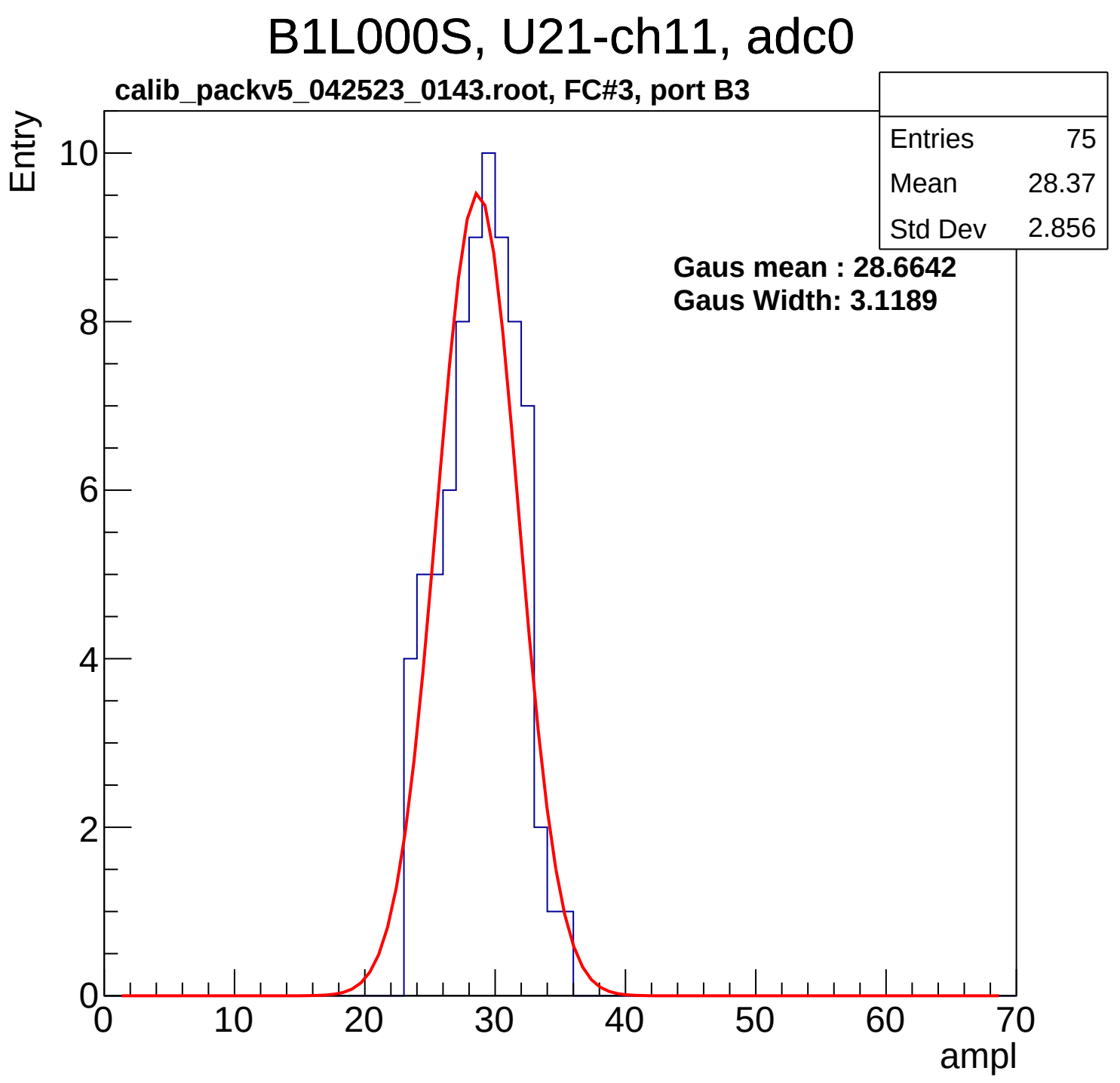

B1L000S, U21-ch10, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 47.67
Std Dev 3.375
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

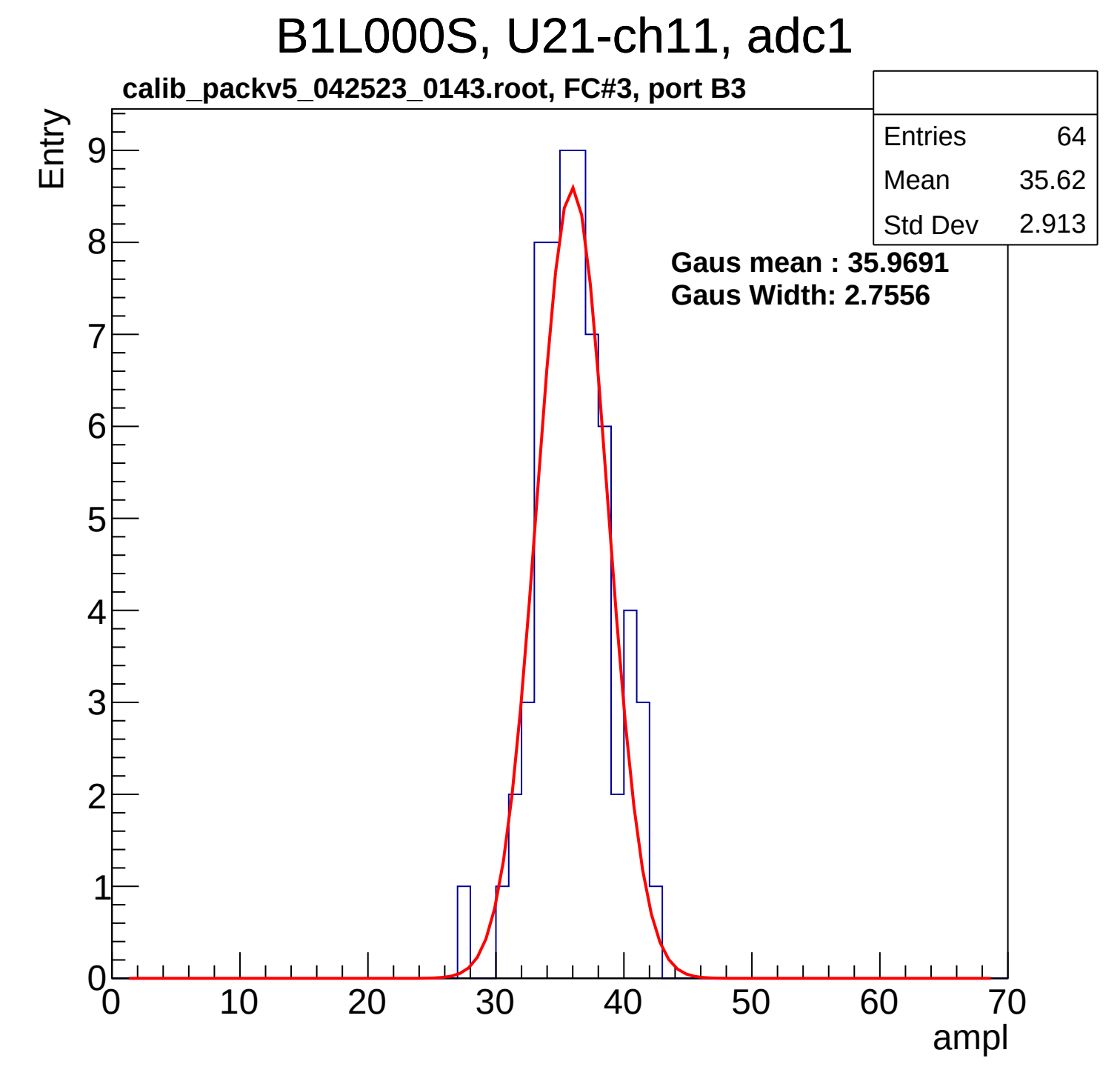

B1L000S, U21-ch10, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 53.43
Std Dev 2.785
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

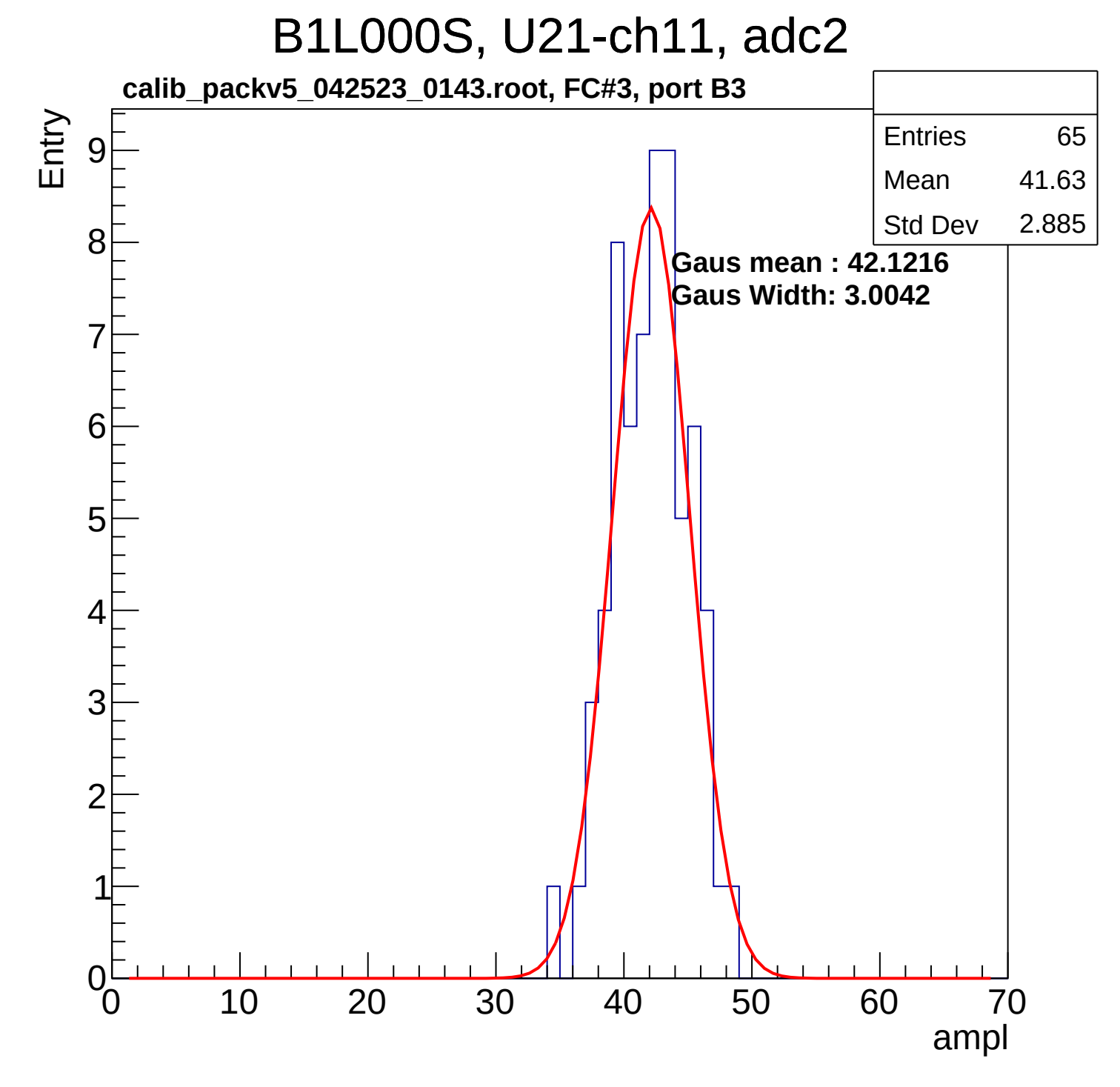

B1L000S, U21-ch10, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 58.81
Std Dev 2.65
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

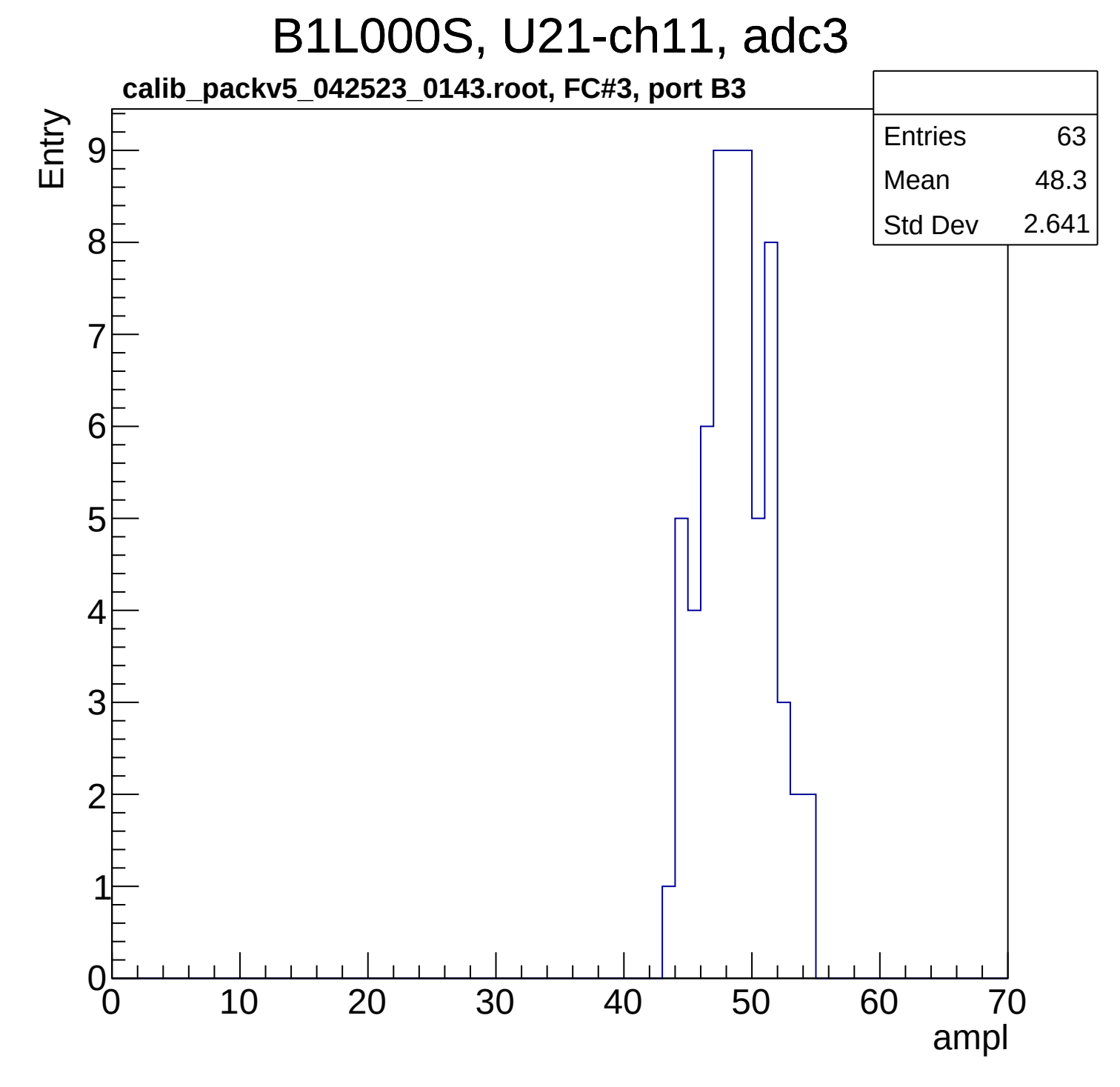

B1L000S, U21-ch10, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 21
Mean 58.14
Std Dev 13.08
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

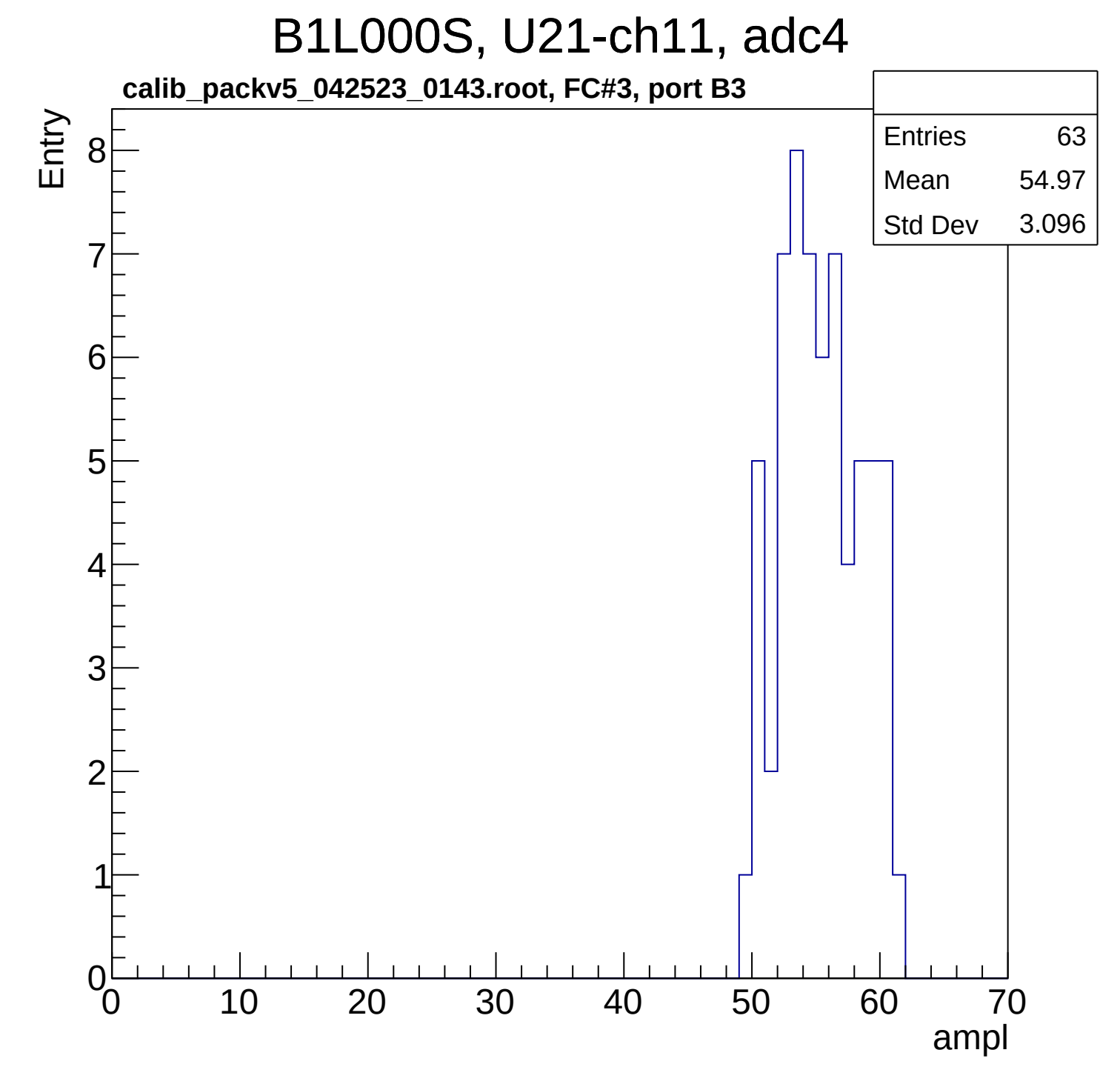

B1L000S, U21-ch10, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 41.5
Std Dev 20.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70

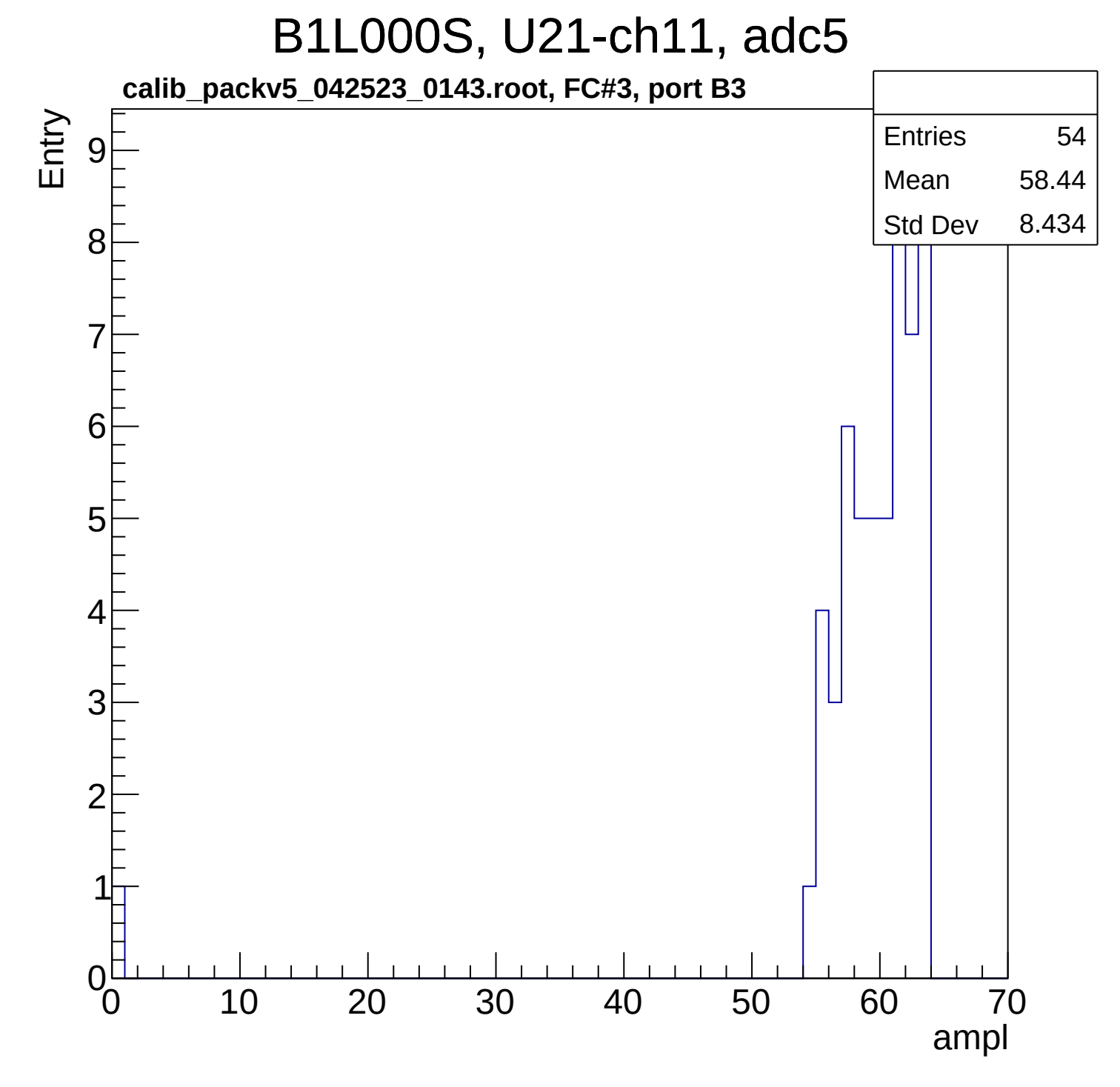

B1L000S, U21-ch11, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 28.37
Std Dev 2.856
Gaus mean : 28.6642
Gaus Width: 3.1189
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

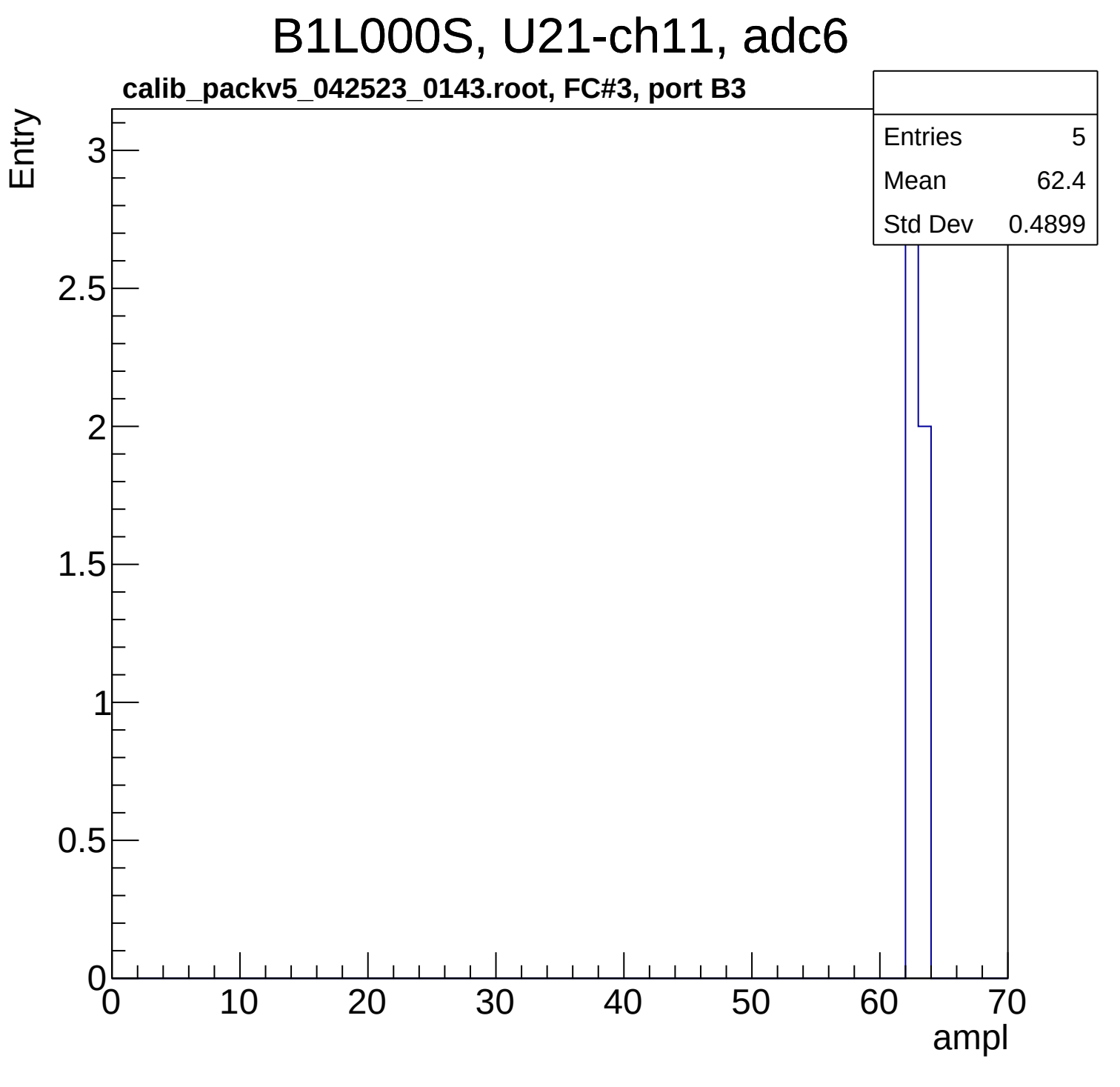

B1L000S, U21-ch11, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 35.62
Std Dev 2.913
Gaus mean : 35.9691
Gaus Width: 2.7556
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

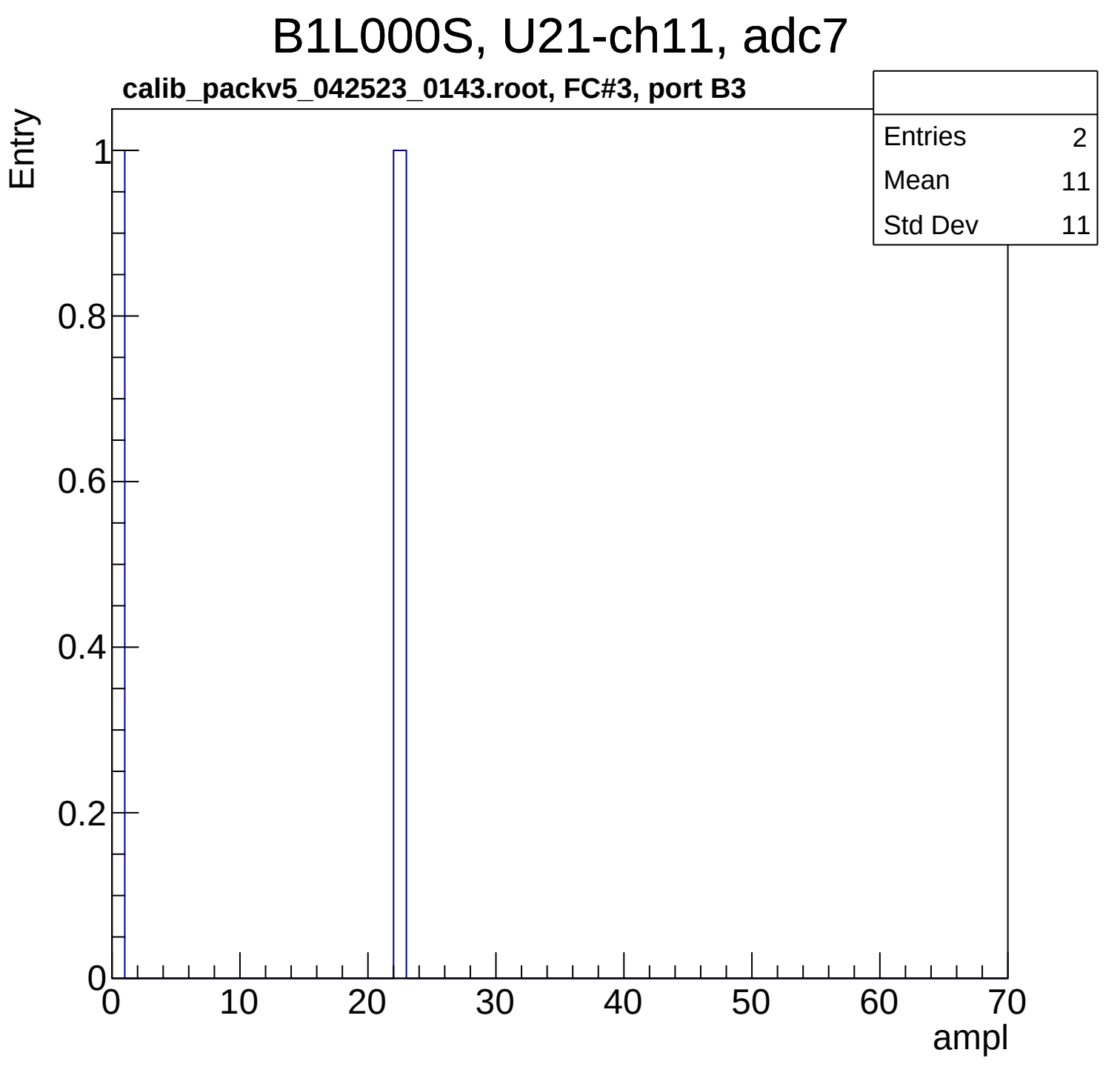

B1L000S, U21-ch11, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 41.63
Std Dev 2.885
Gaus mean : 42.1216
Gaus Width: 3.0042
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

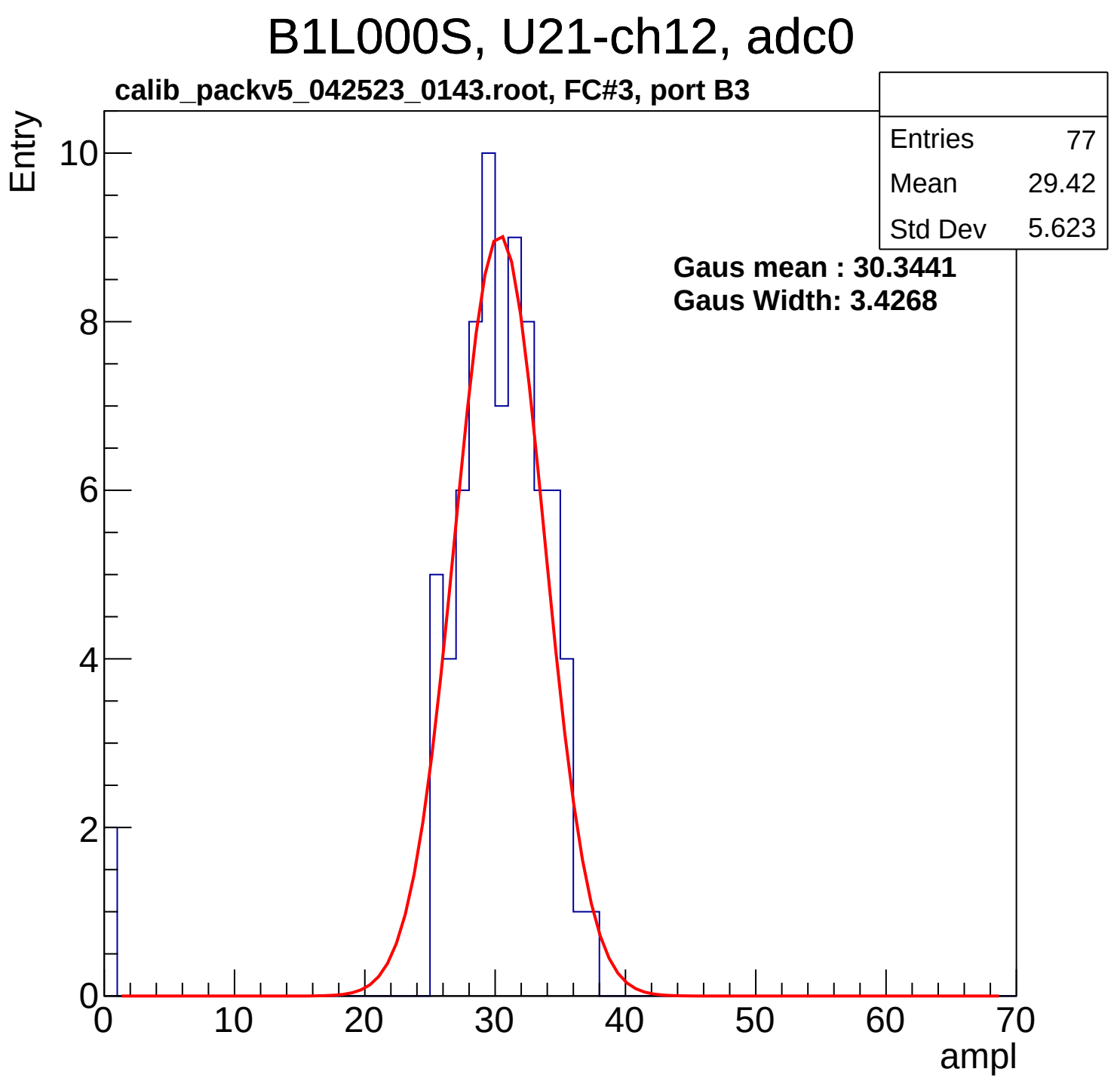

B1L000S, U21-ch11, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 48.3
Std Dev 2.641
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

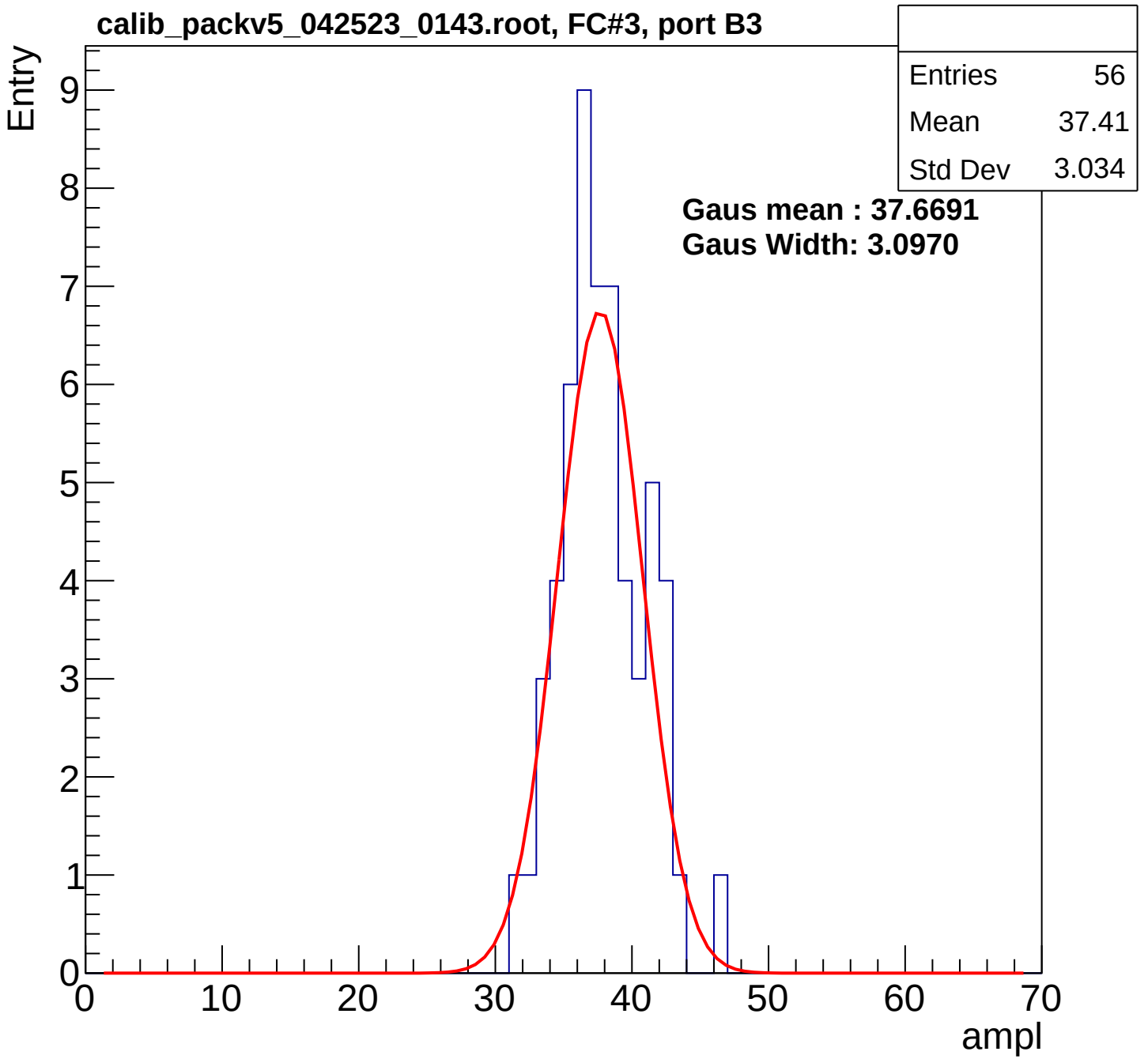

B1L000S, U21-ch11, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 54.97
Std Dev 3.096
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

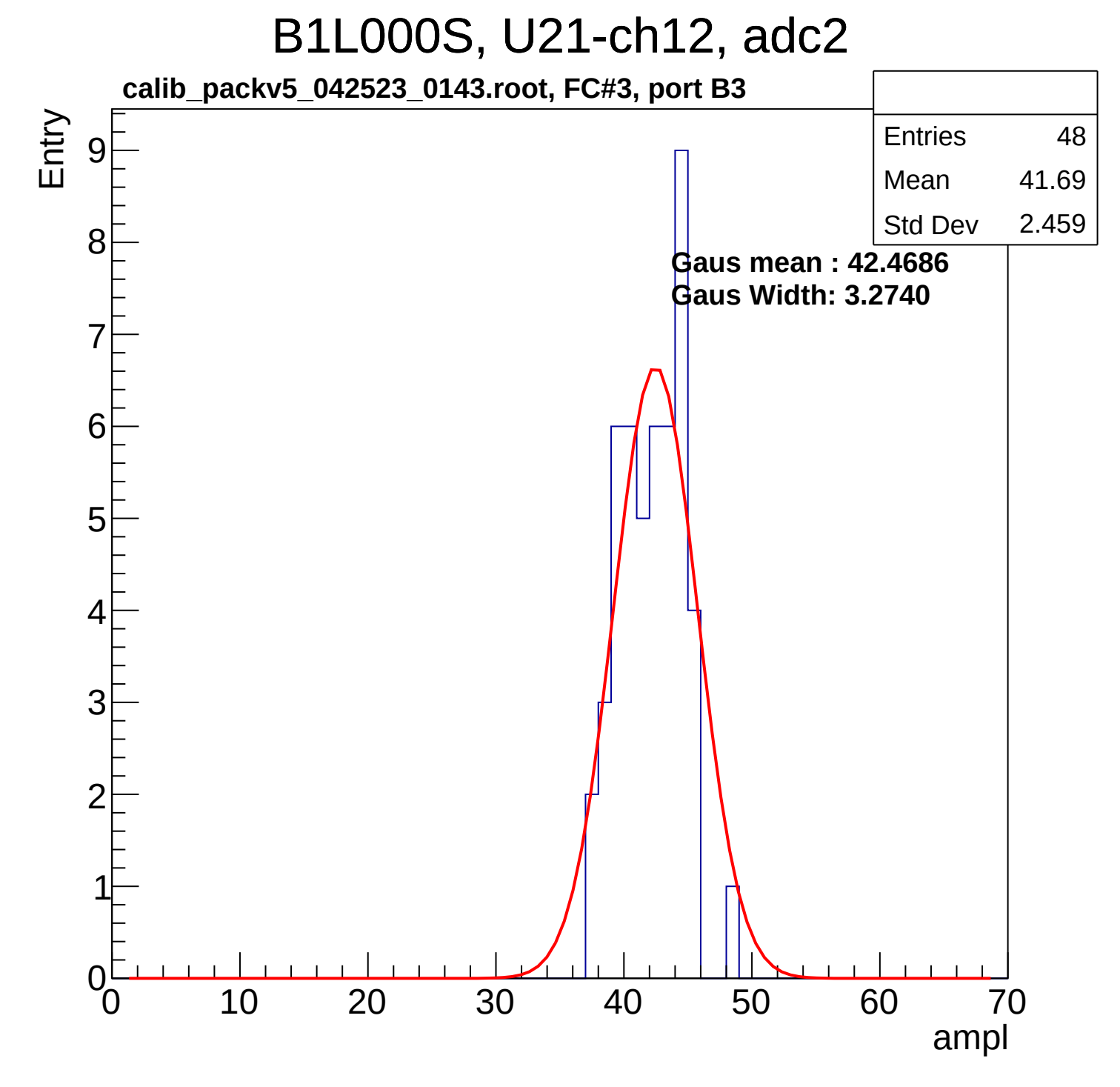

B1L000S, U21-ch11, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 58.44
Std Dev 8.434
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

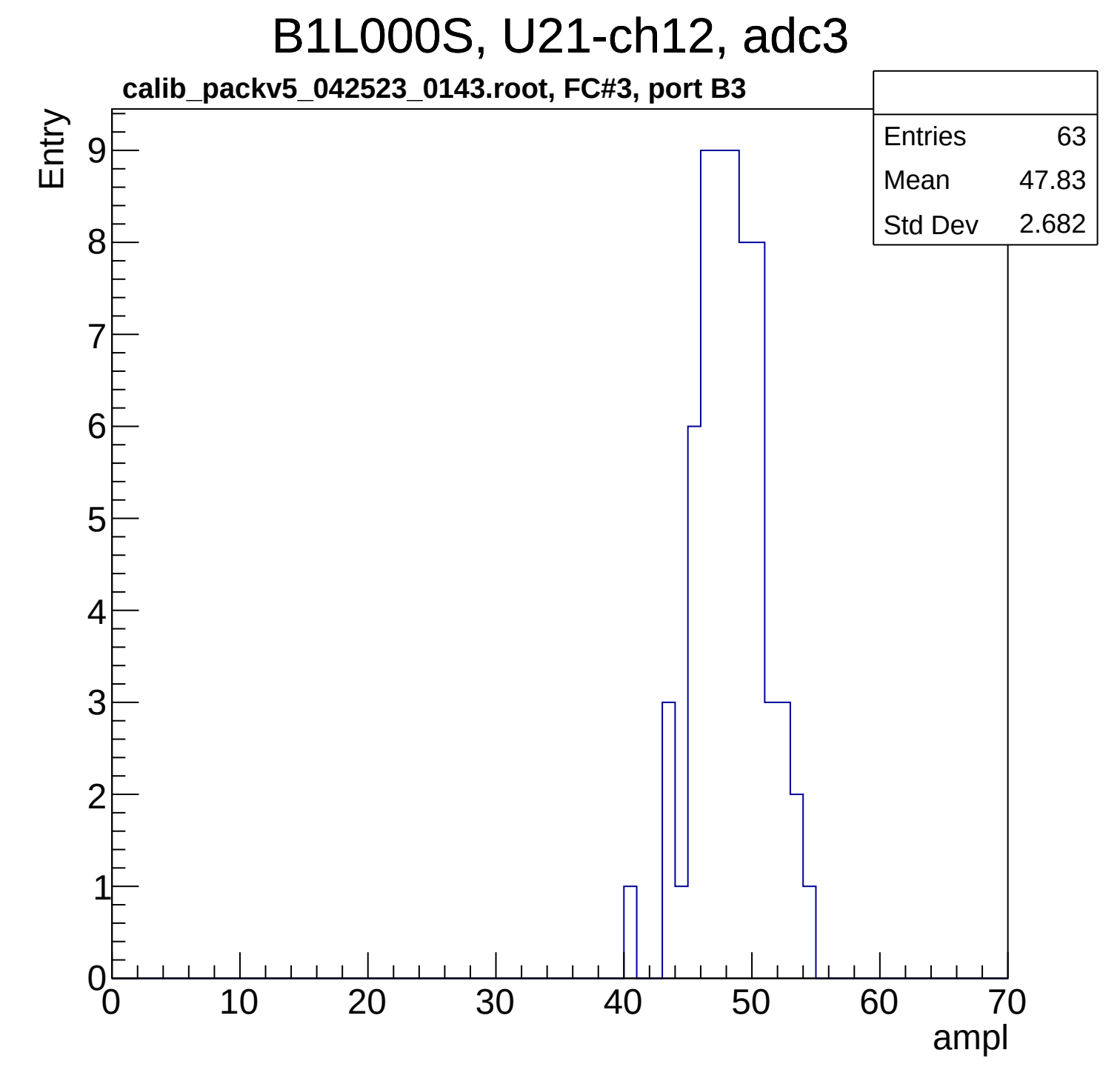

B1L000S, U21-ch11, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 62.4
Std Dev 0.4899
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

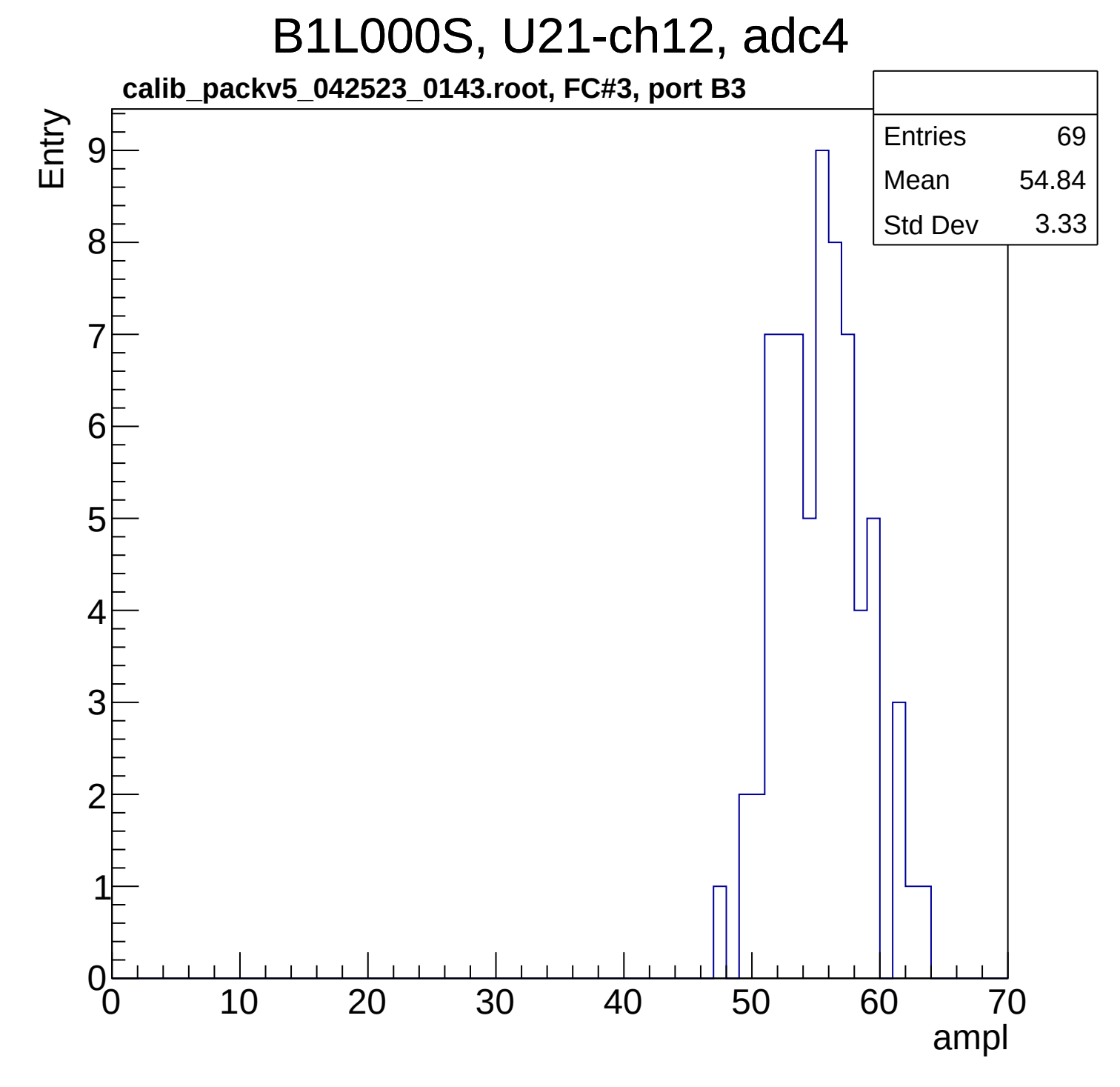

B1L000S, U21-ch11, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 11
Std Dev 11
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

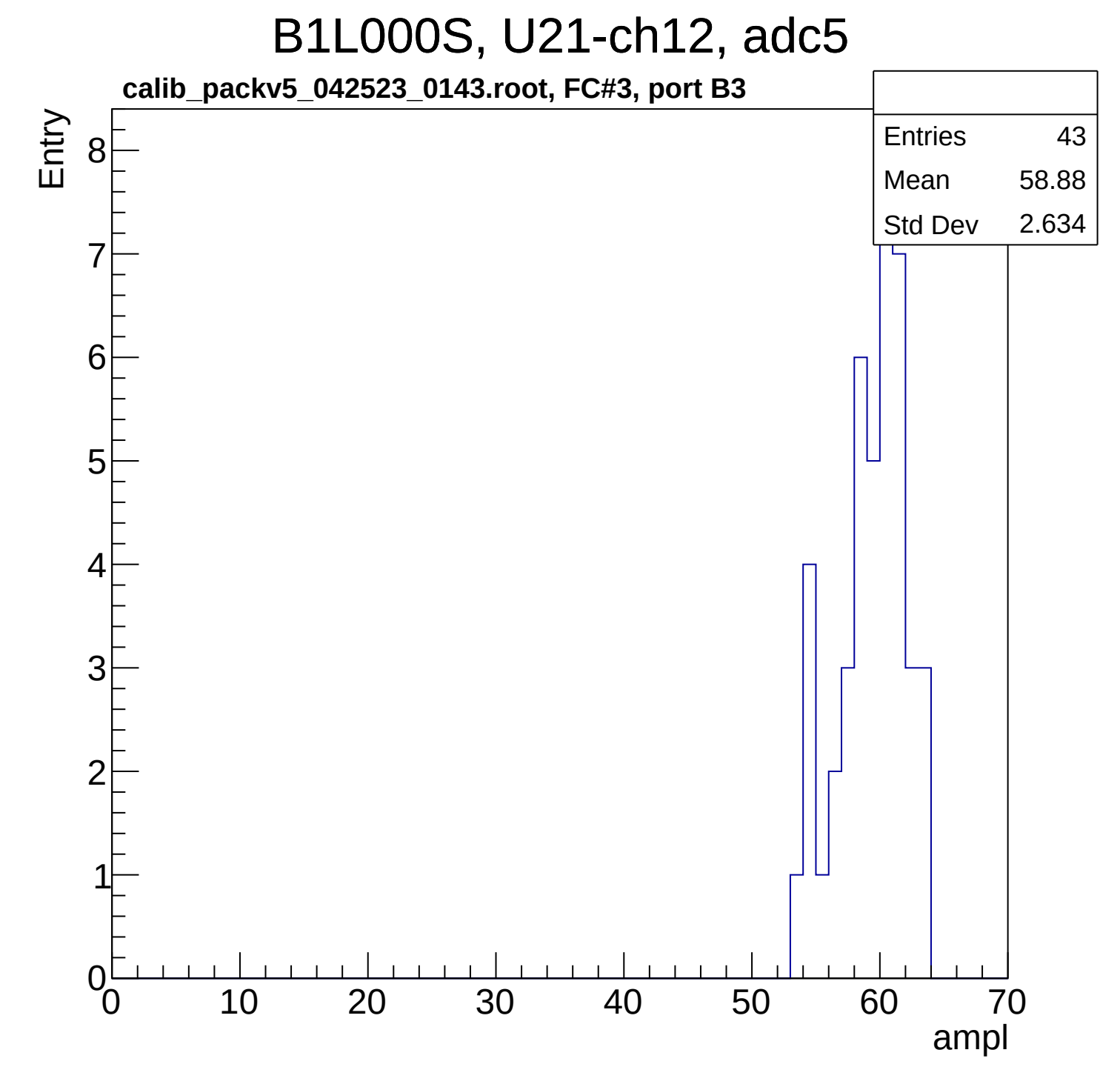

B1L000S, U21-ch12, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 29.42
Std Dev 5.623
Gaus mean : 30.3441
Gaus Width: 3.4268
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

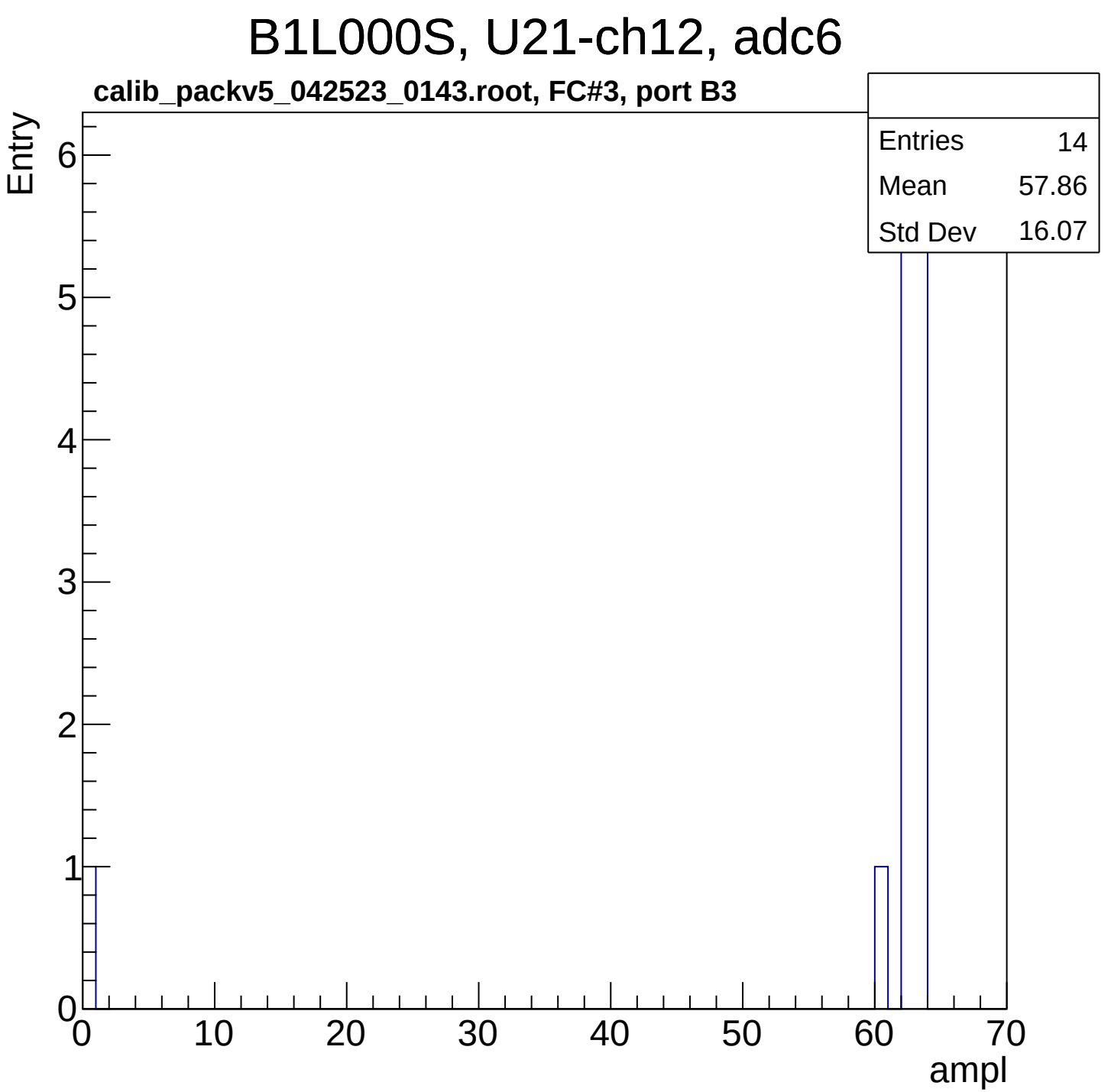

B1L000S, U21-ch12, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 37.41
Std Dev 3.034
Gaus mean : 37.6691
Gaus Width: 3.0970
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

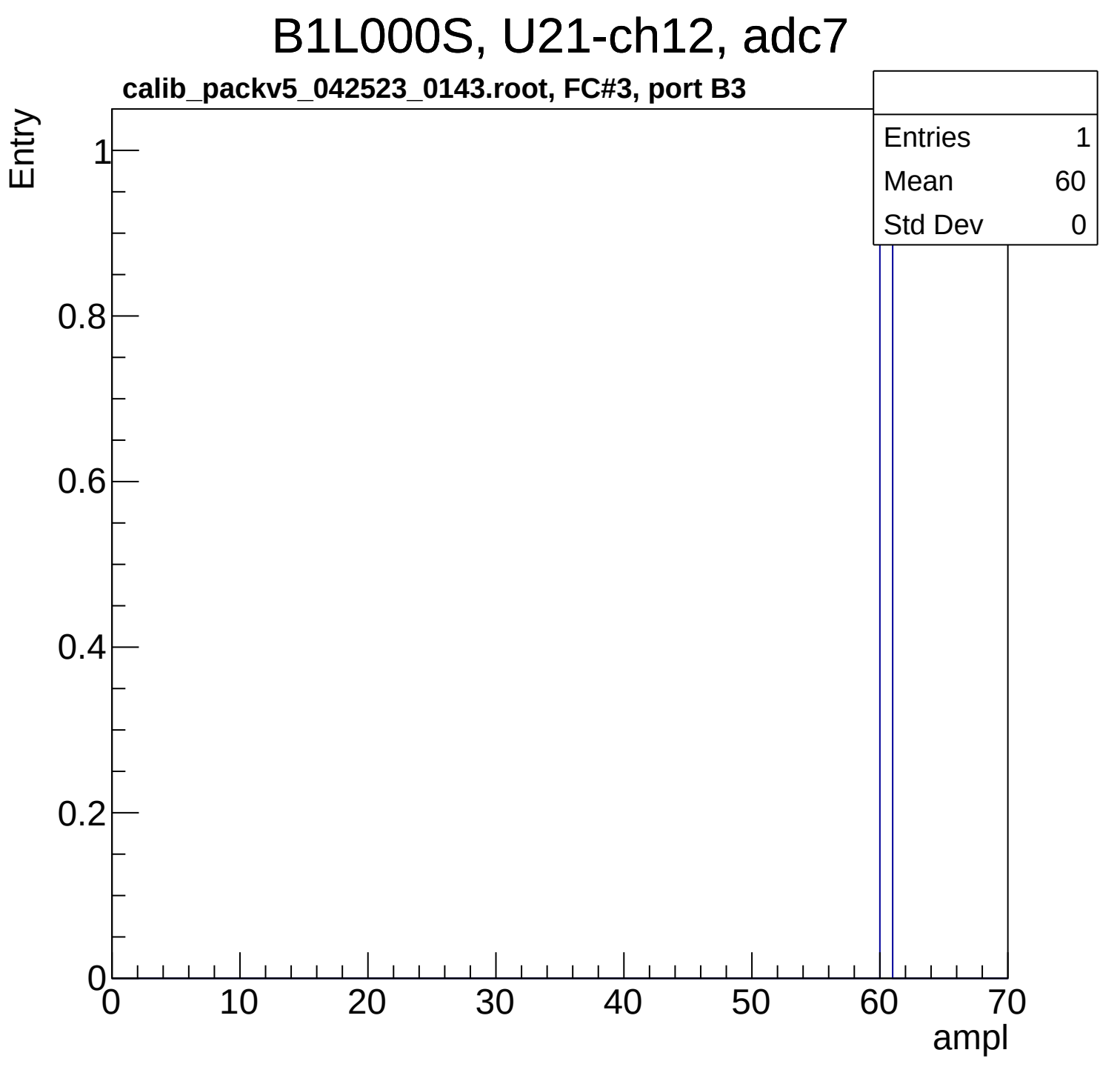

B1L000S, U21-ch12, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 41.69
Std Dev 2.459
Gaus mean : 42.4686
Gaus Width: 3.2740
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

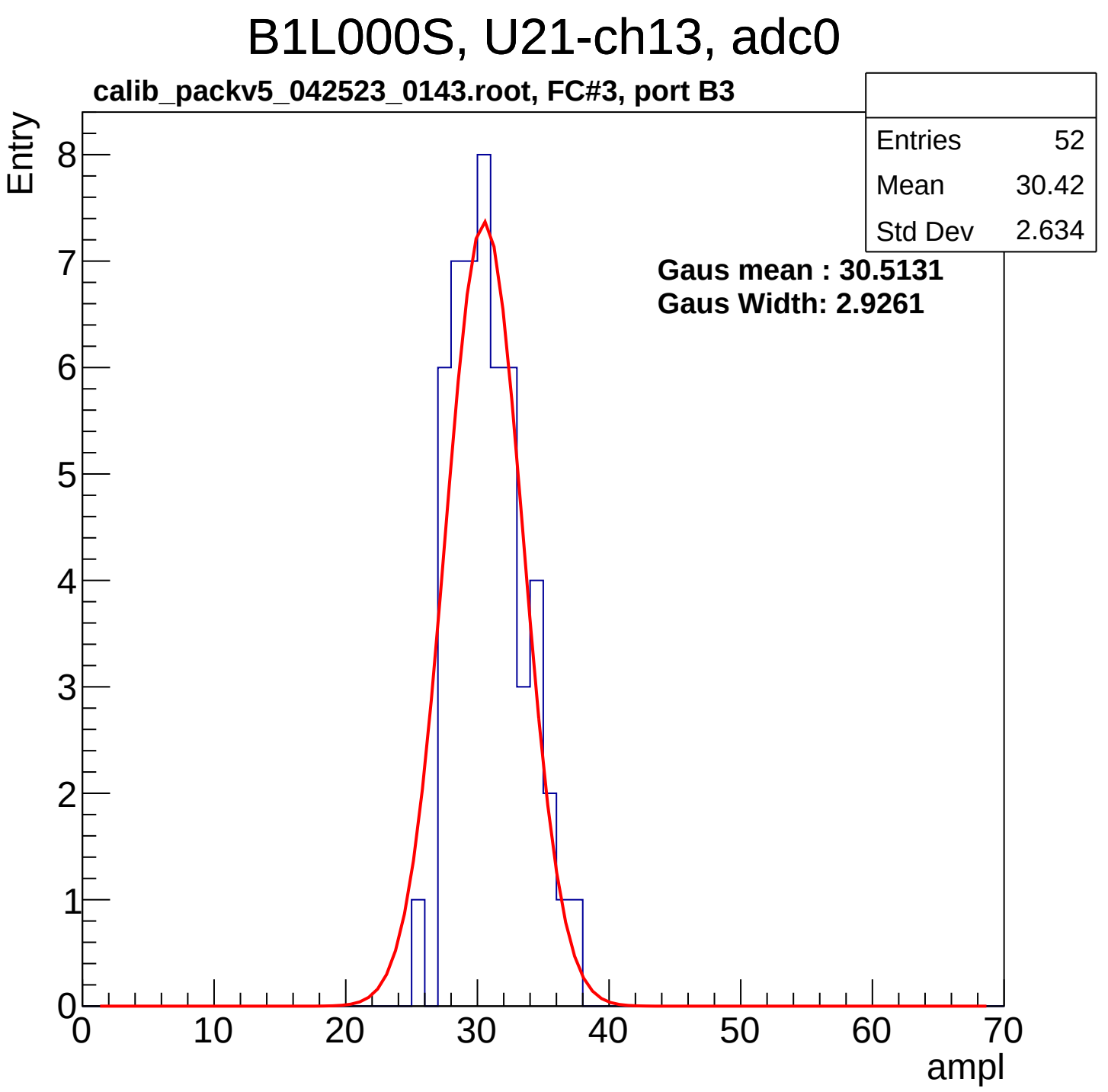

B1L000S, U21-ch12, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 47.83
Std Dev 2.682
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

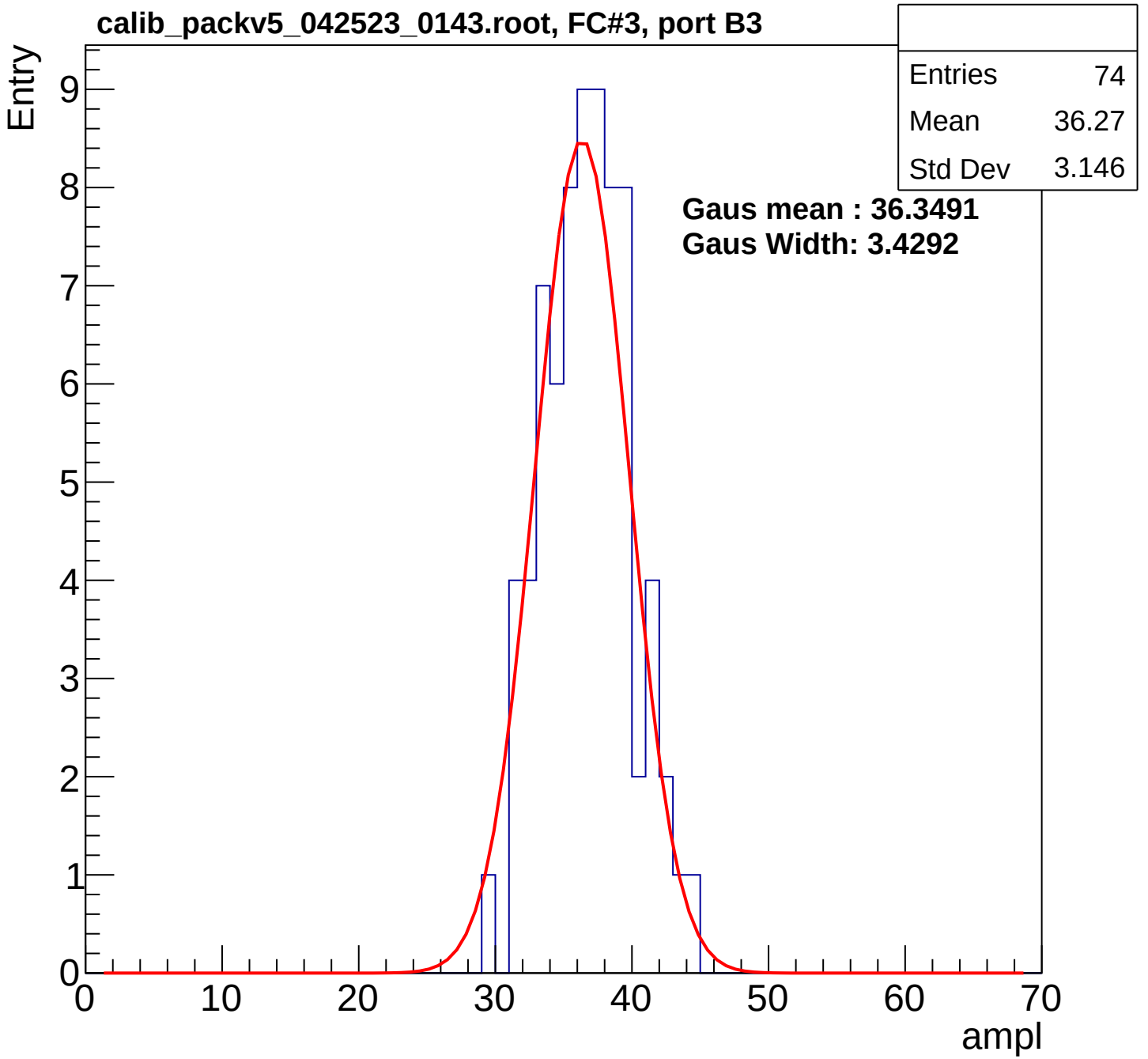

B1L000S, U21-ch12, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 54.84
Std Dev 3.33
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

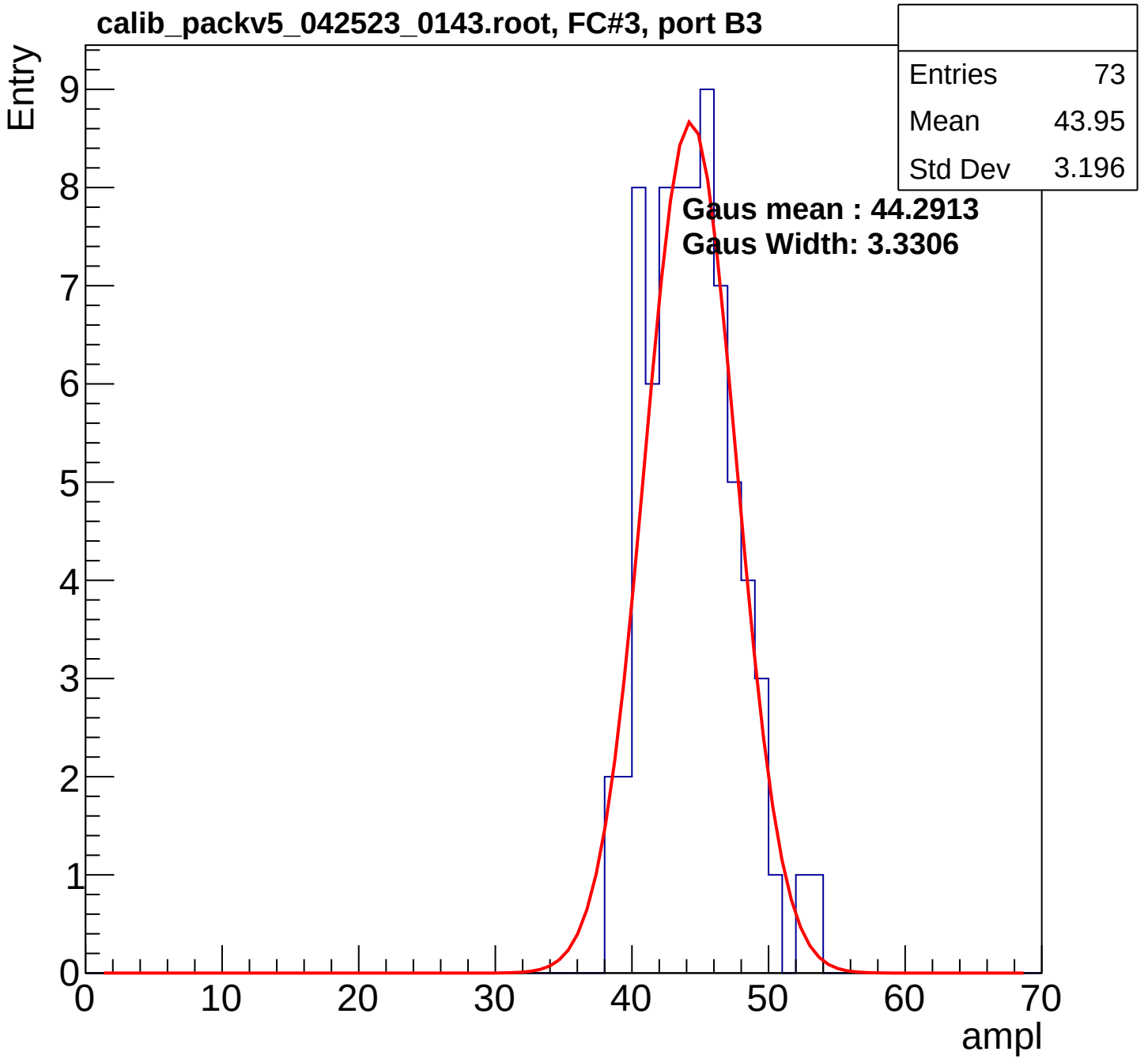

B1L000S, U21-ch12, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 58.88
Std Dev 2.634
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

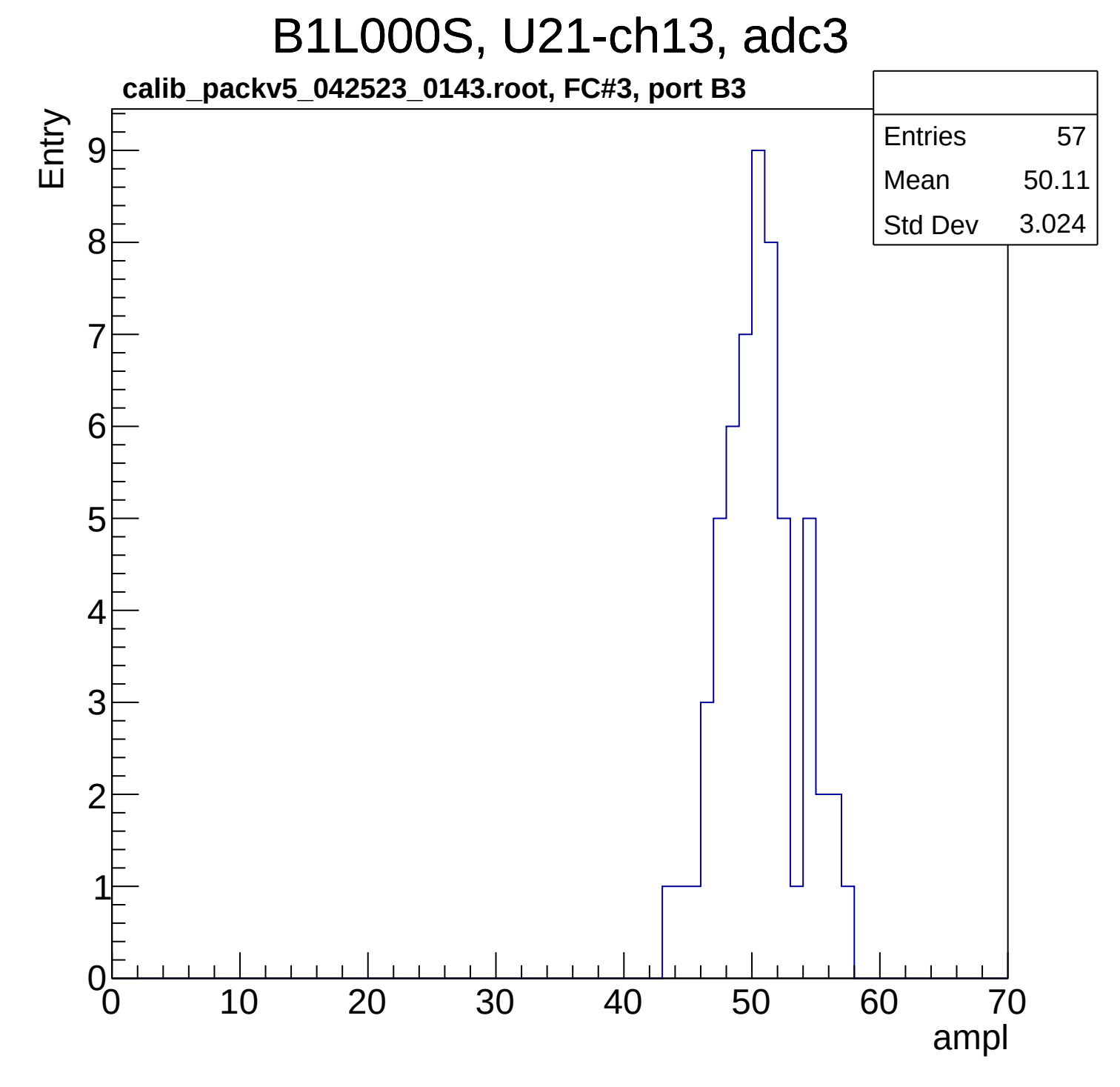

B1L000S, U21-ch12, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 57.86
Std Dev 16.07
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

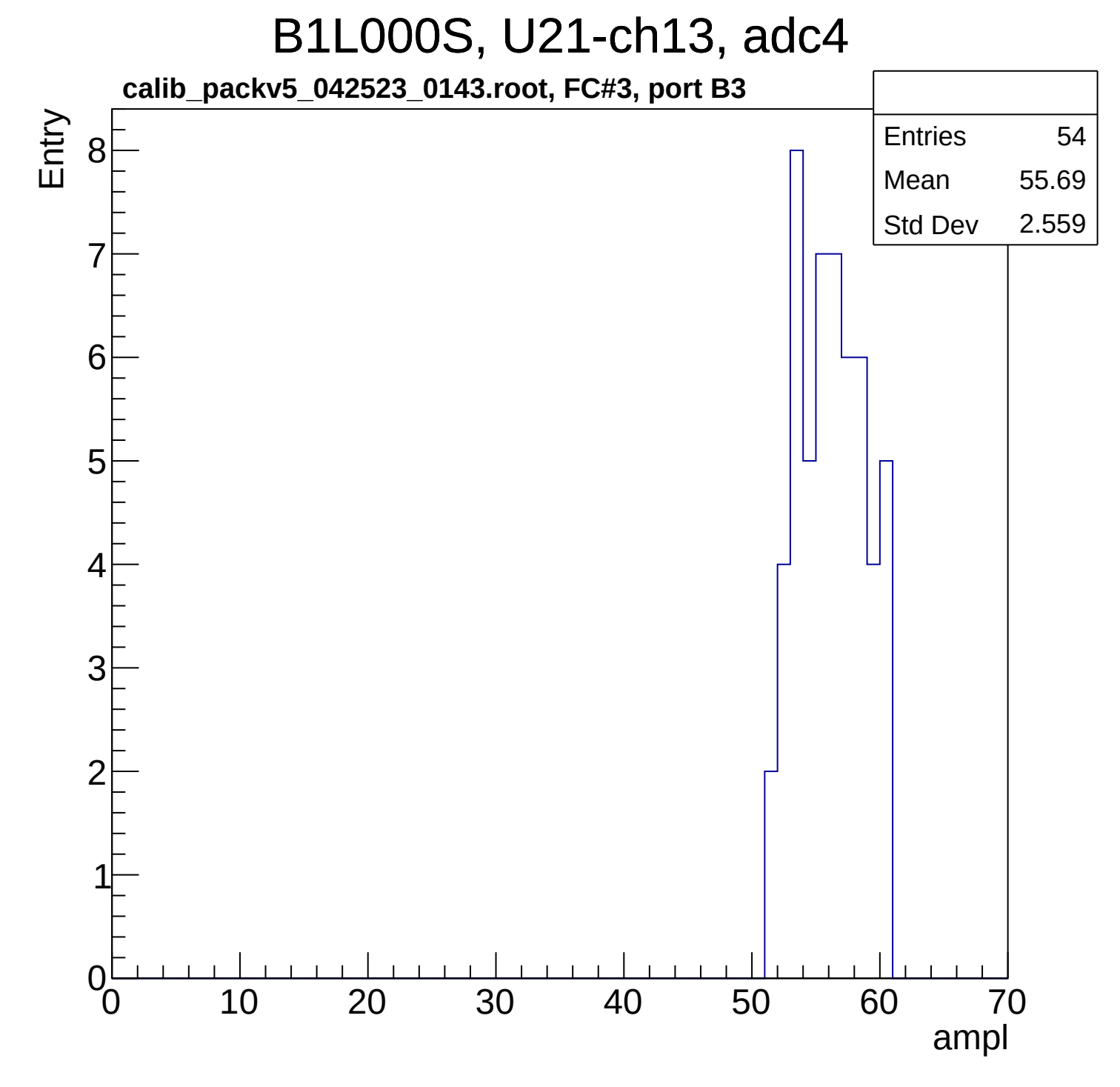

B1L000S, U21-ch12, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 60
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

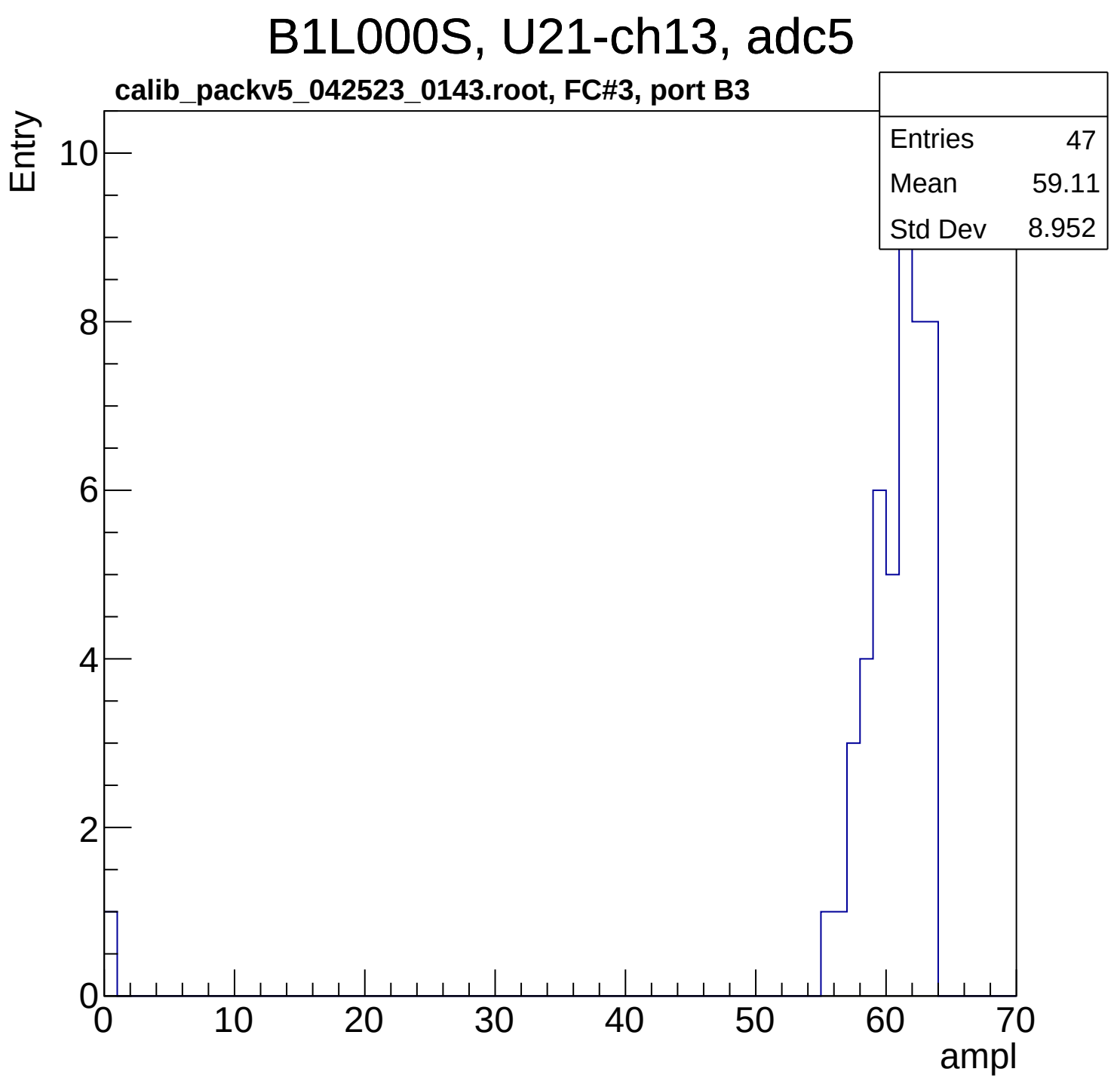

B1L000S, U21-ch13, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 30.42
Std Dev 2.634
Gaus mean : 30.5131
Gaus Width: 2.9261
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

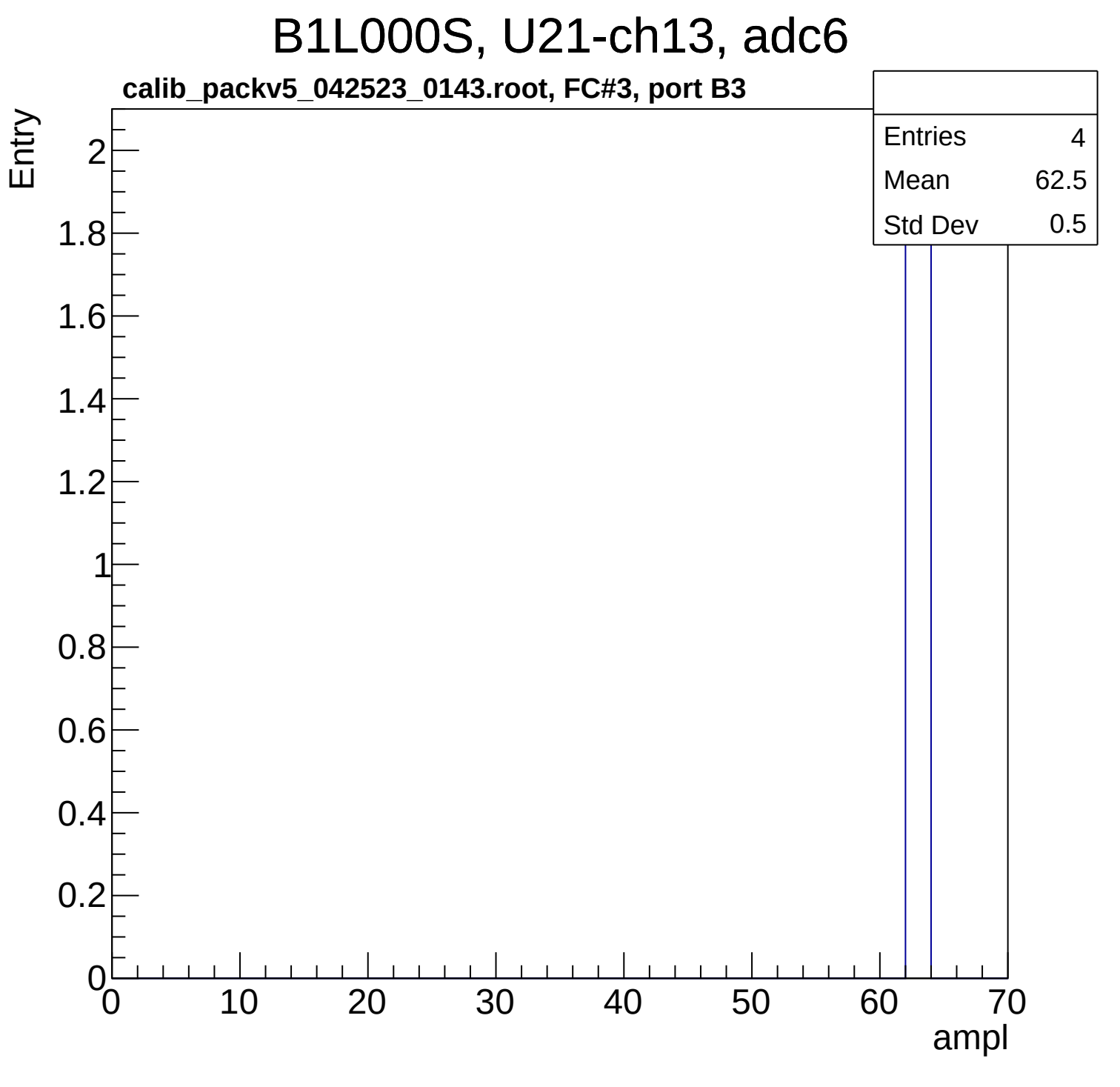

B1L000S, U21-ch13, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 36.27
Std Dev 3.146
Gaus mean : 36.3491
Gaus Width: 3.4292
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

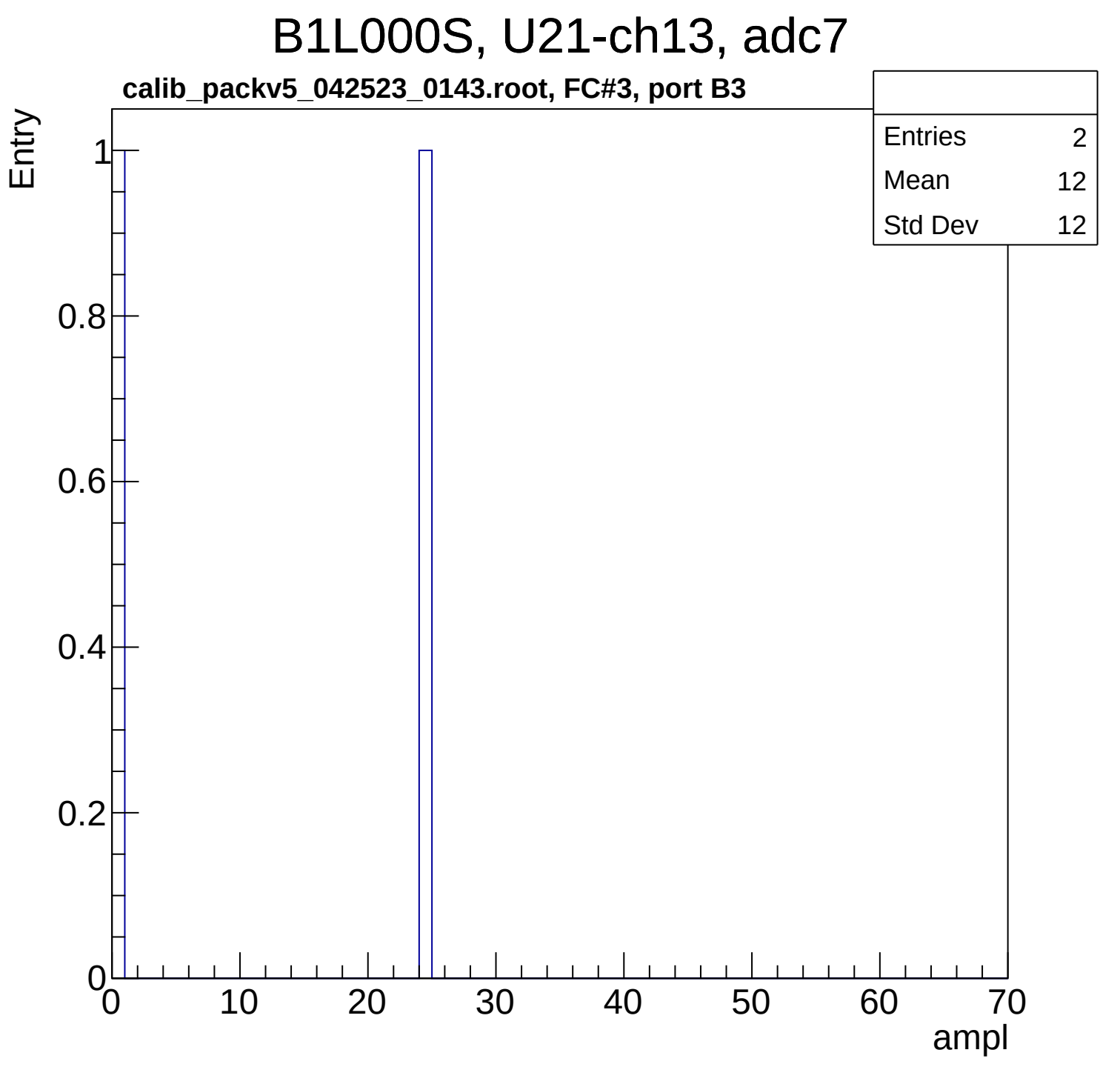

B1L000S, U21-ch13, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 43.95
Std Dev 3.196
Gaus mean : 44.2913
Gaus Width: 3.3306
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

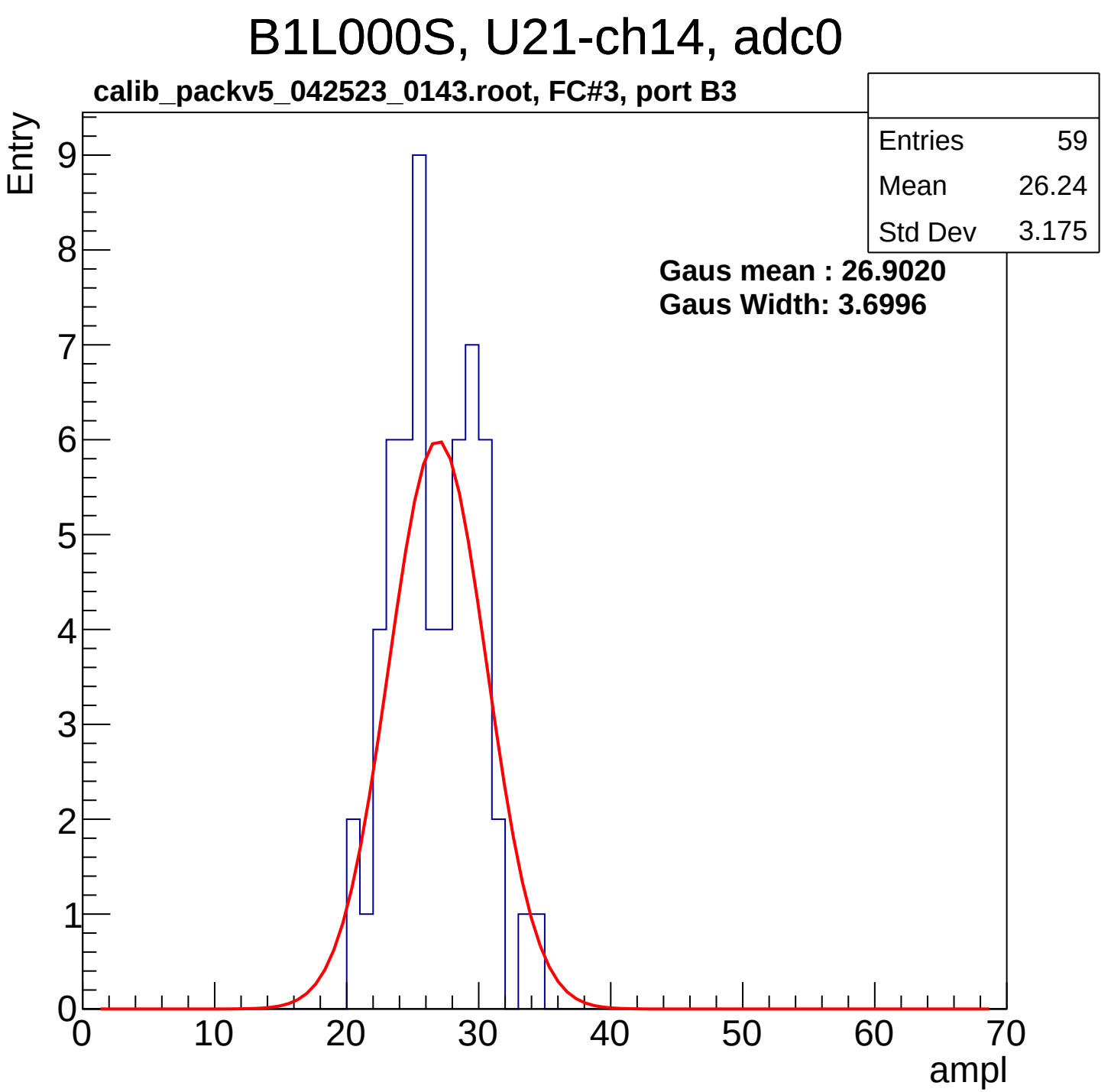

B1L000S, U21-ch13, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 50.11
Std Dev 3.024
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

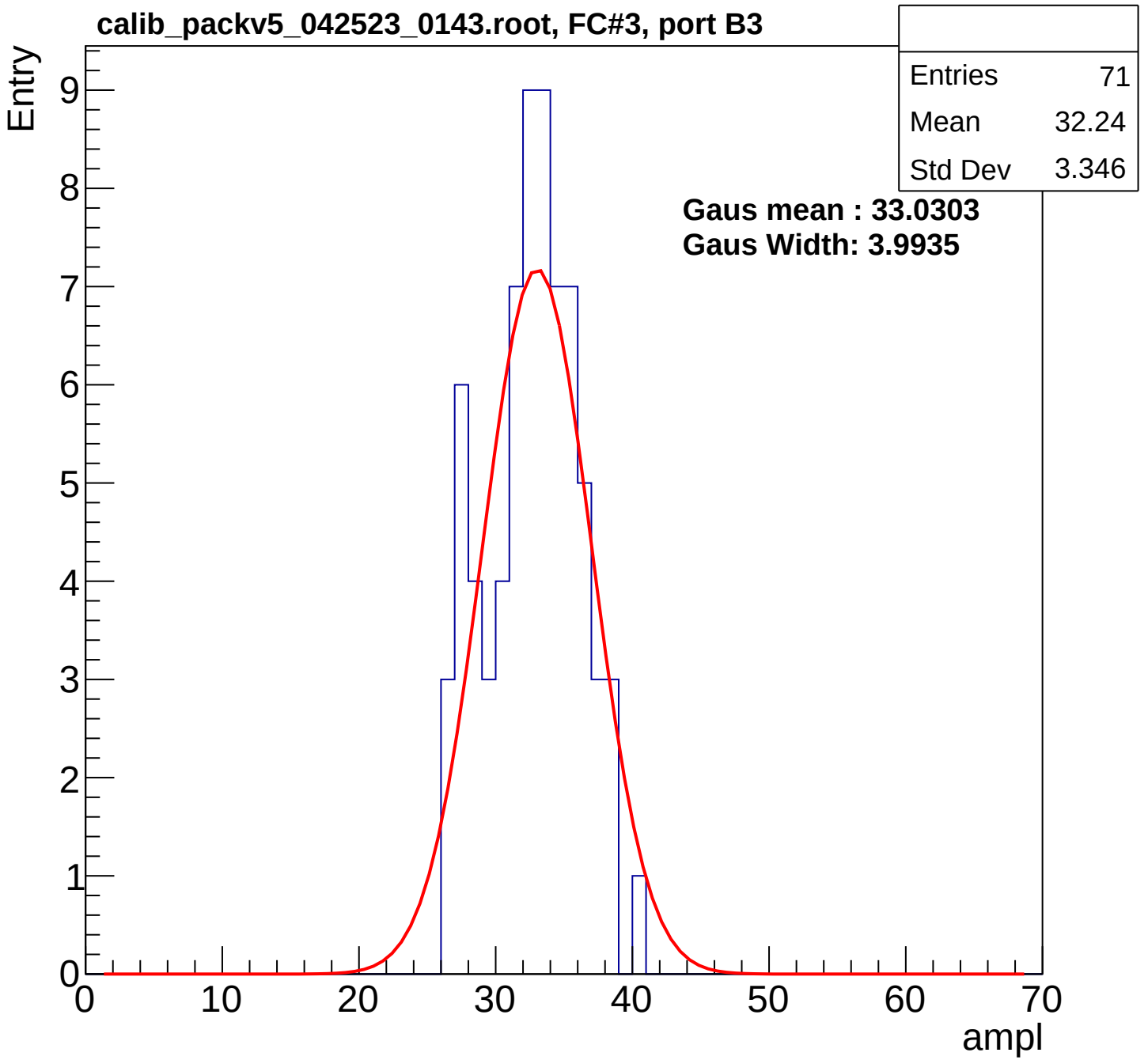

B1L000S, U21-ch13, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 55.69
Std Dev 2.559
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

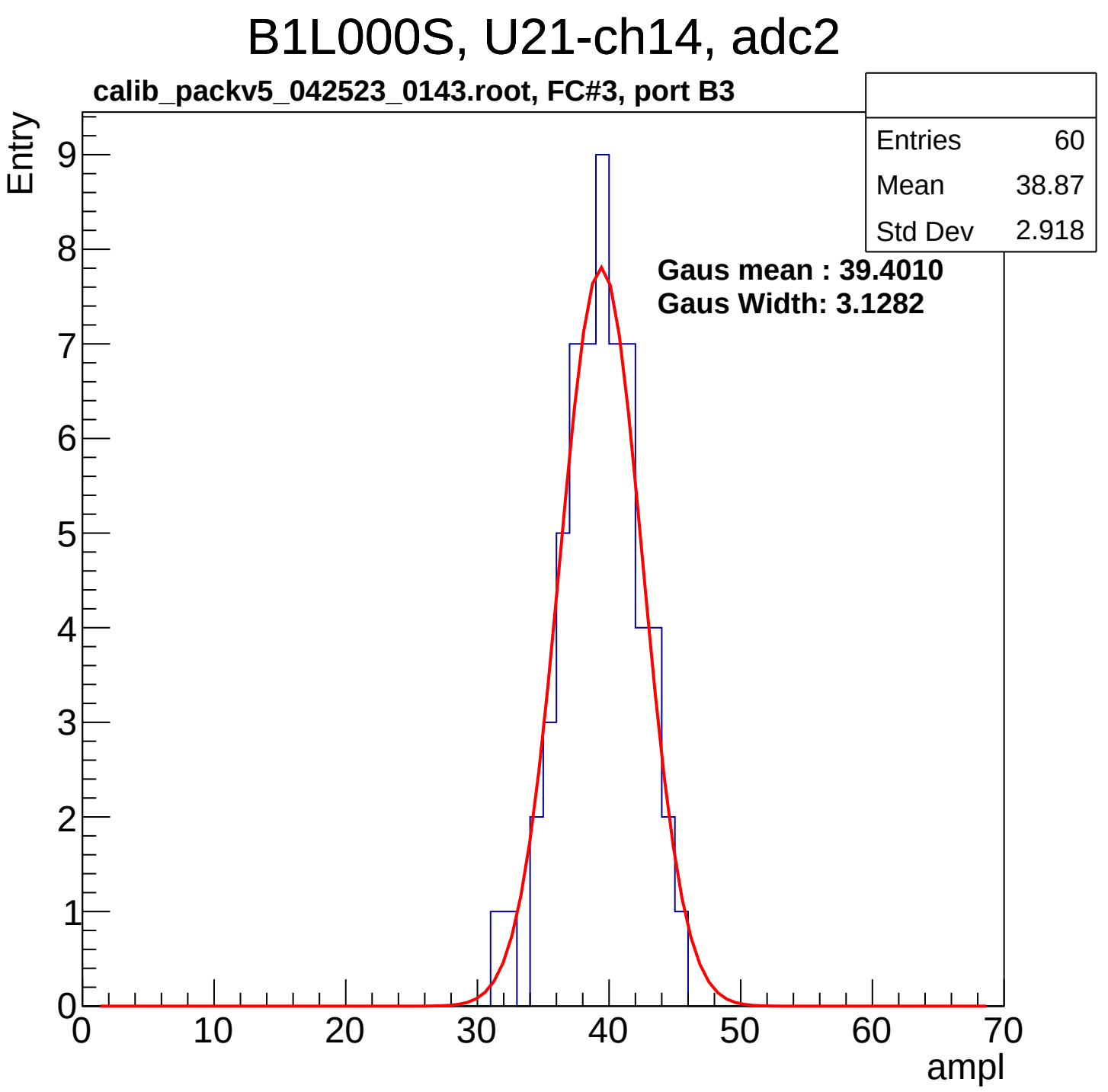

B1L000S, U21-ch13, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 59.11
Std Dev 8.952
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

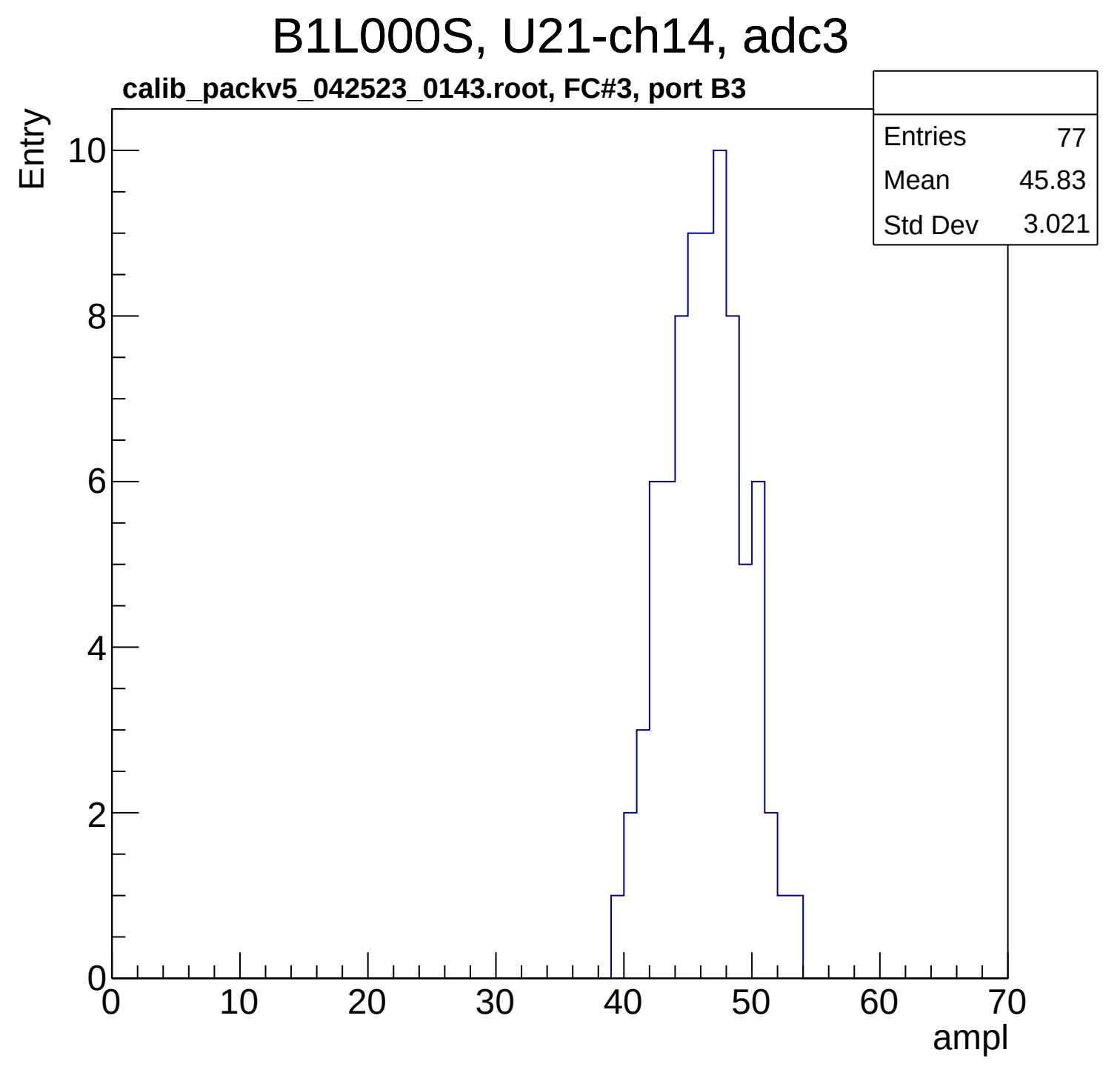

B1L000S, U21-ch13, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 62.5
Std Dev 0.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

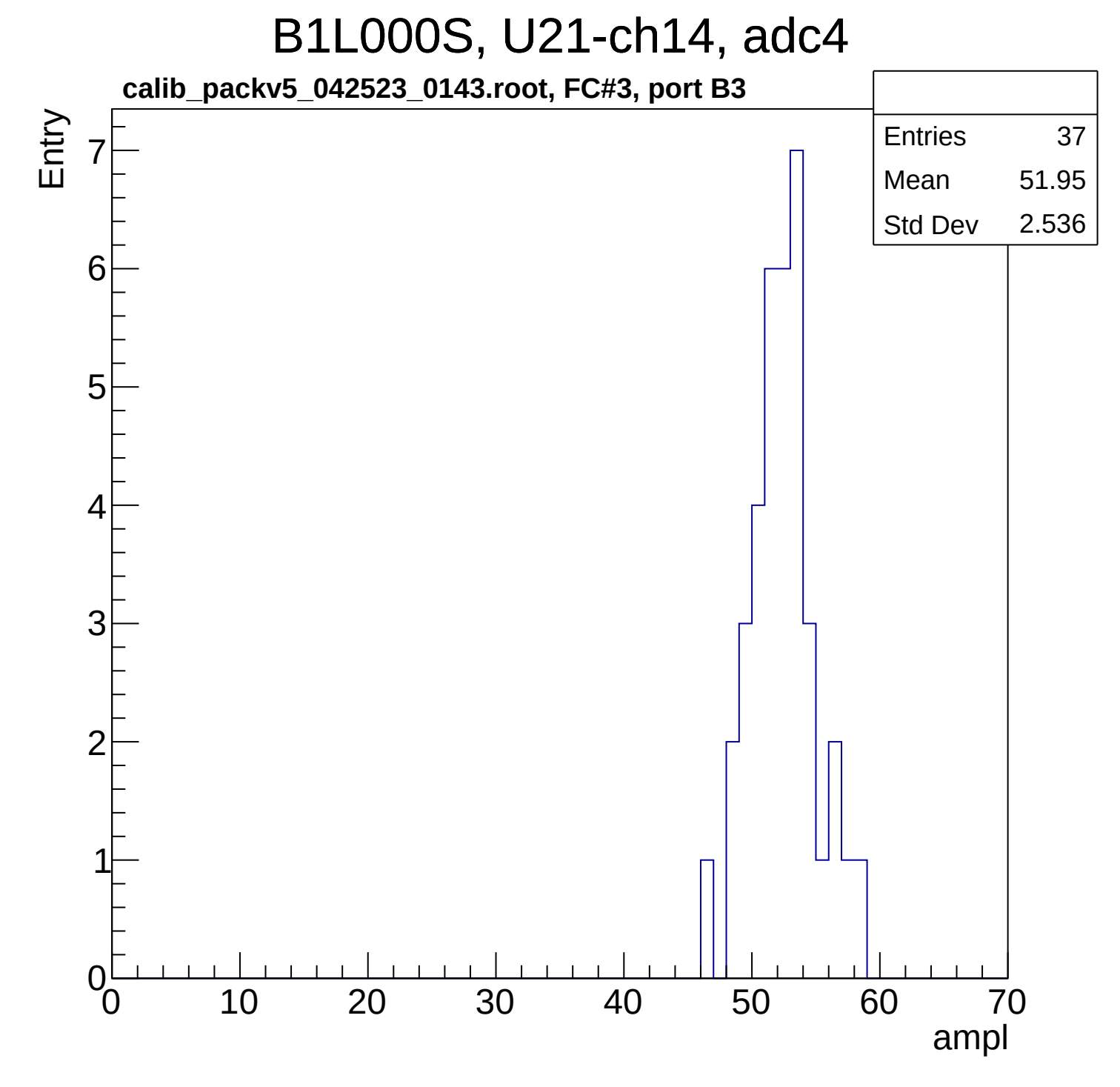

B1L000S, U21-ch13, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 12
Std Dev 12
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

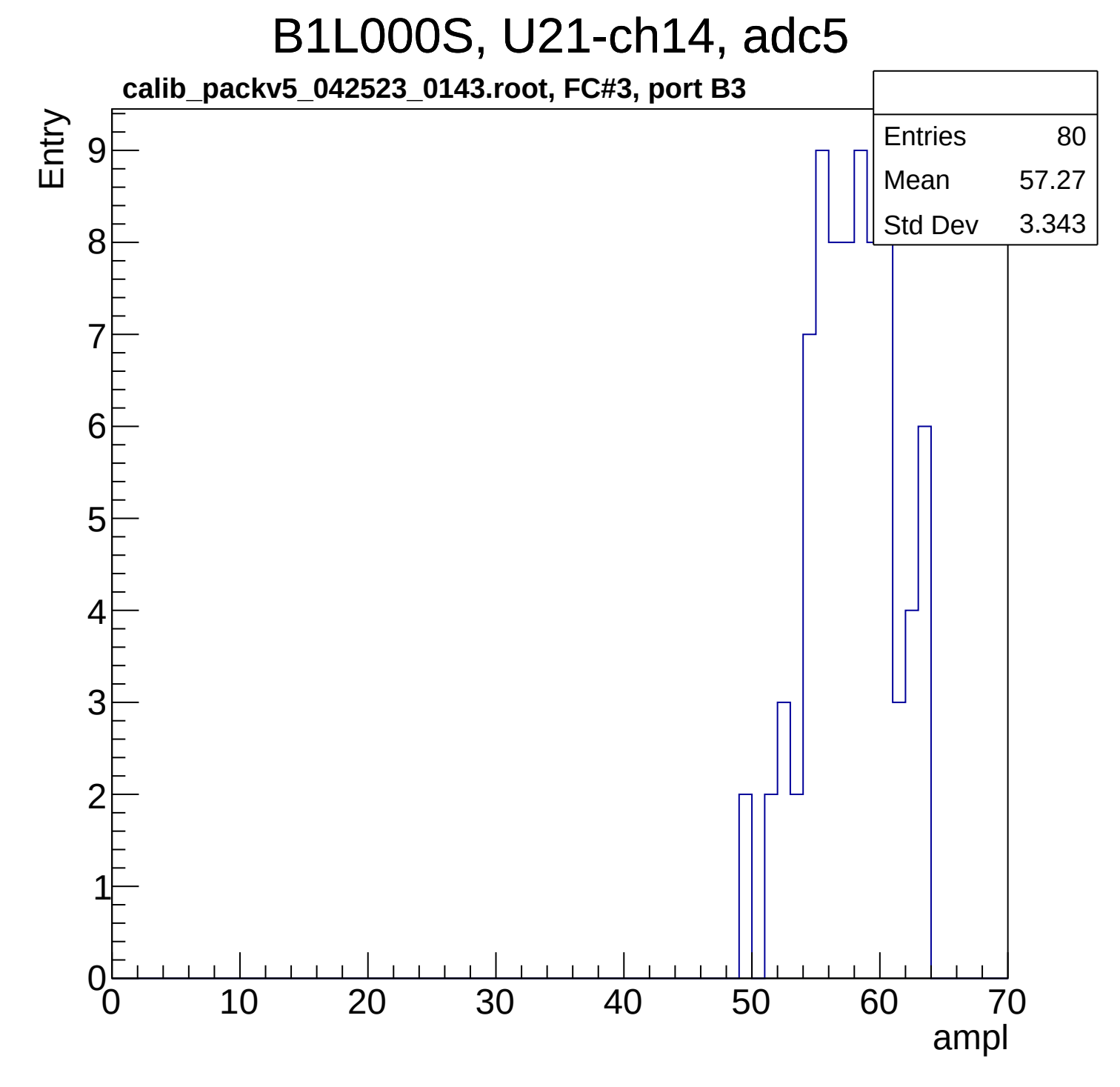

B1L000S, U21-ch14, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 26.24
Std Dev 3.175
Gaus mean : 26.9020
Gaus Width: 3.6996
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

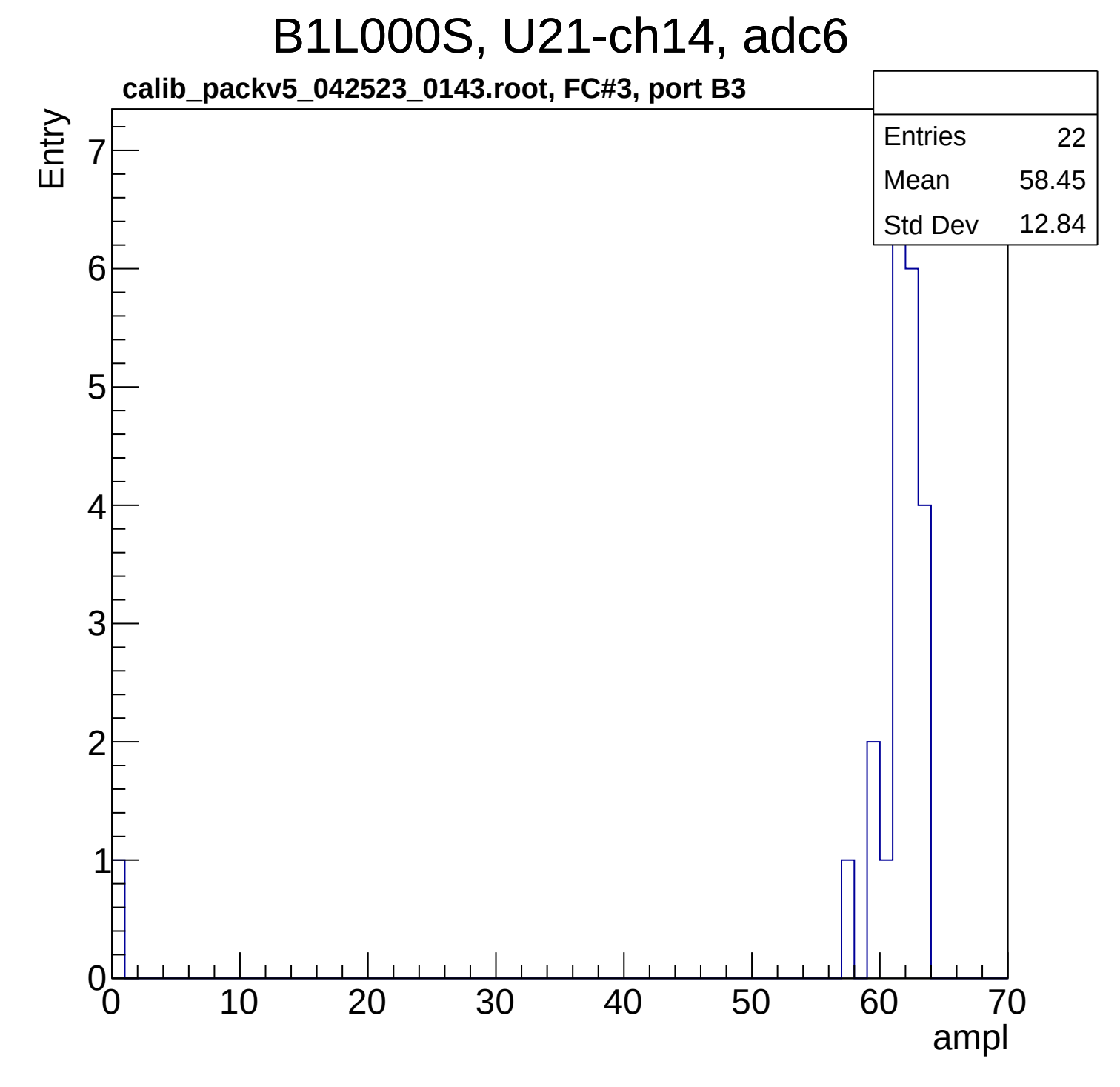

B1L000S, U21-ch14, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 32.24
Std Dev 3.346
Gaus mean : 33.0303
Gaus Width: 3.9935
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

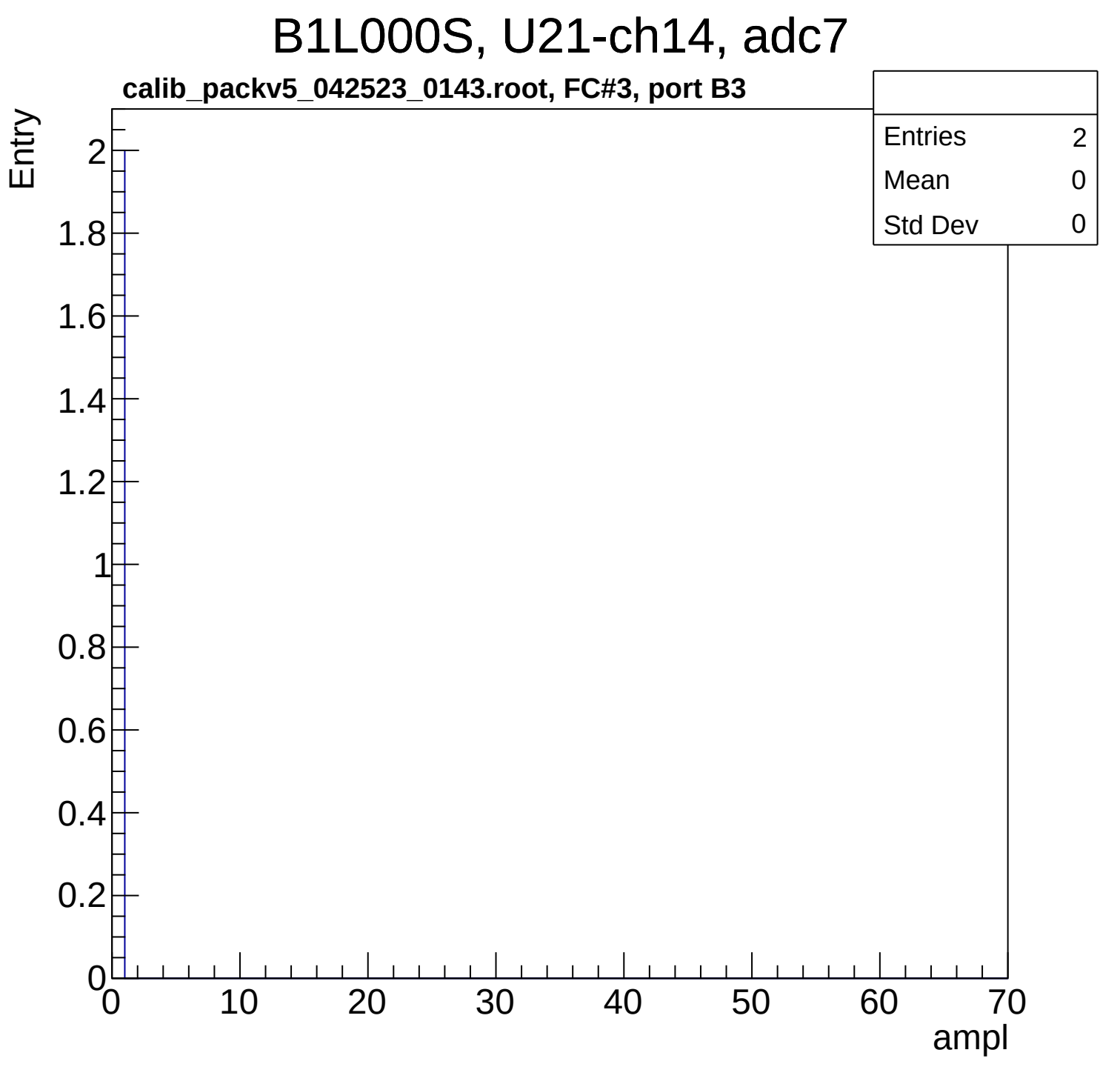

B1L000S, U21-ch14, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 38.87
Std Dev 2.918
Gaus mean : 39.4010
Gaus Width: 3.1282
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

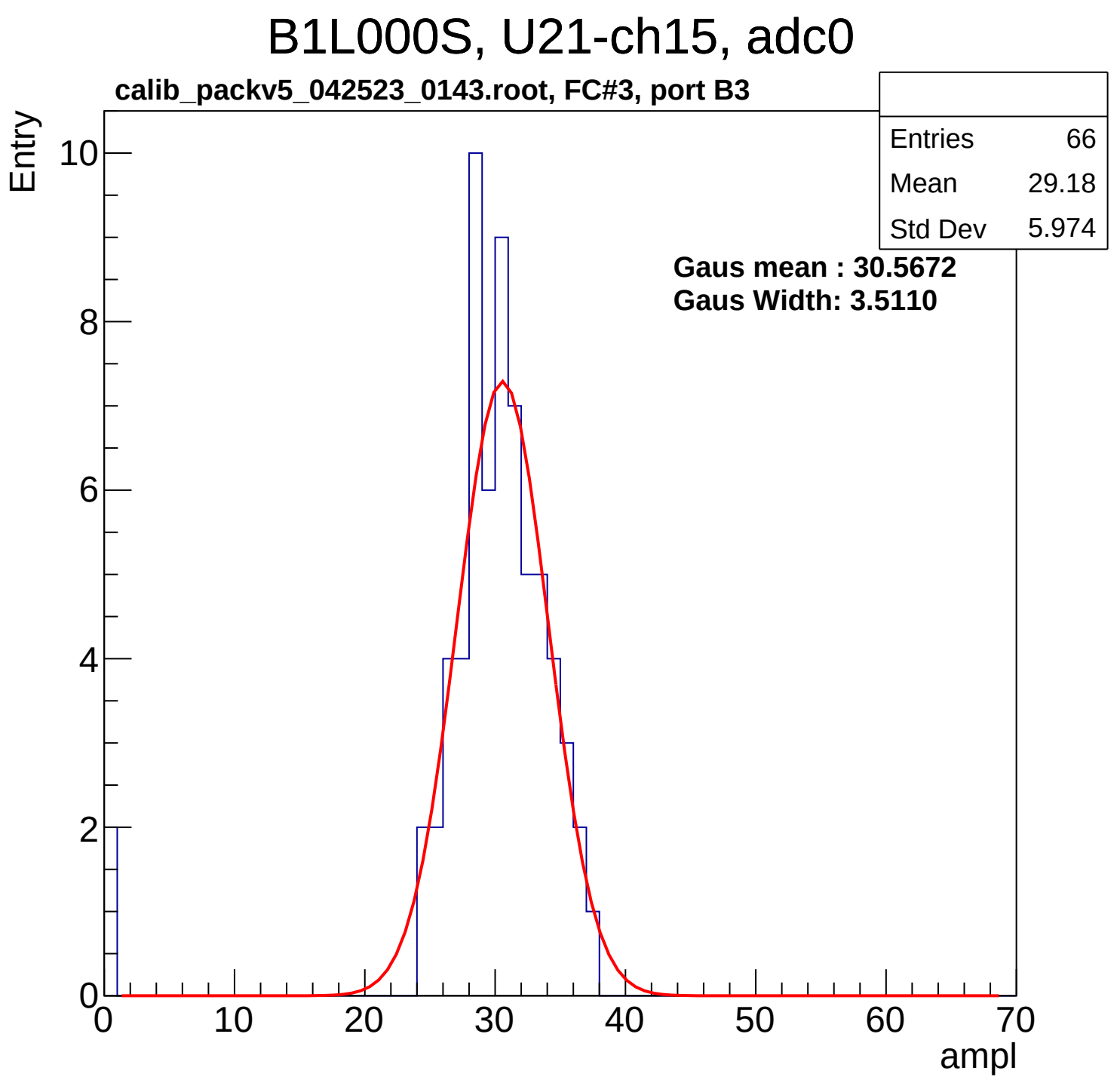

B1L000S, U21-ch14, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 45.83
Std Dev 3.021
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

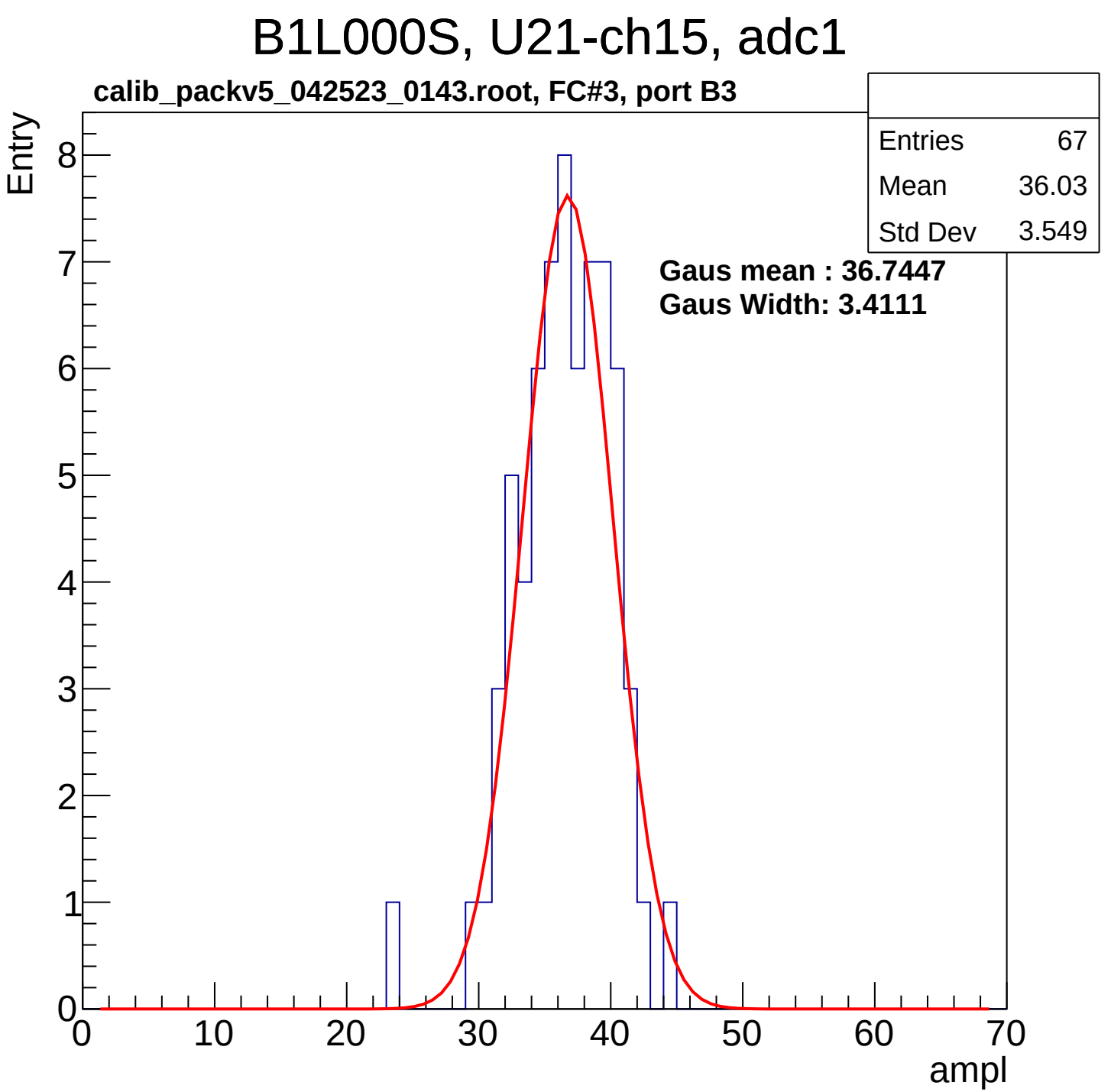

B1L000S, U21-ch14, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 37
Mean 51.95
Std Dev 2.536
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

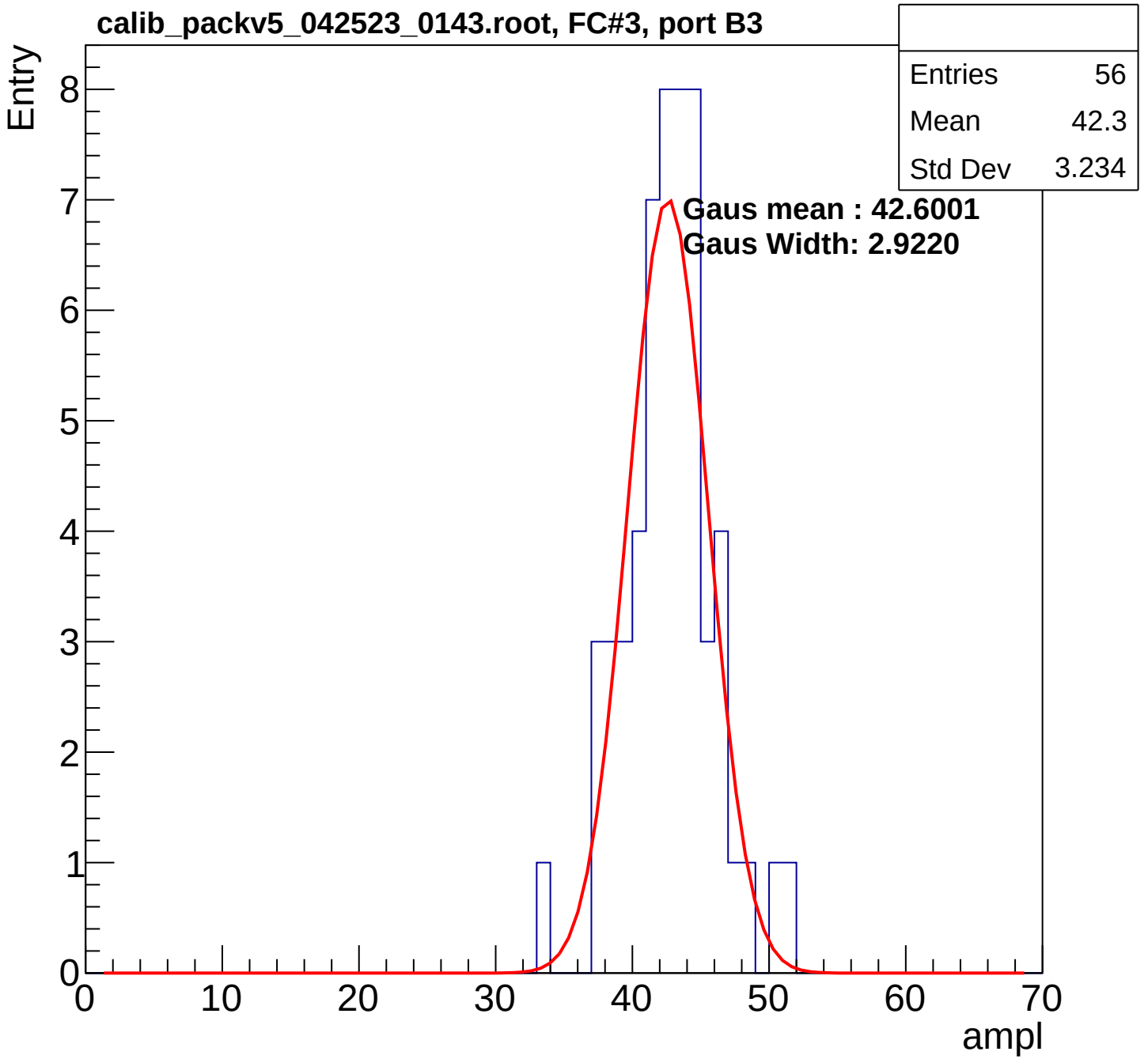

B1L000S, U21-ch14, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 80
Mean 57.27
Std Dev 3.343
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

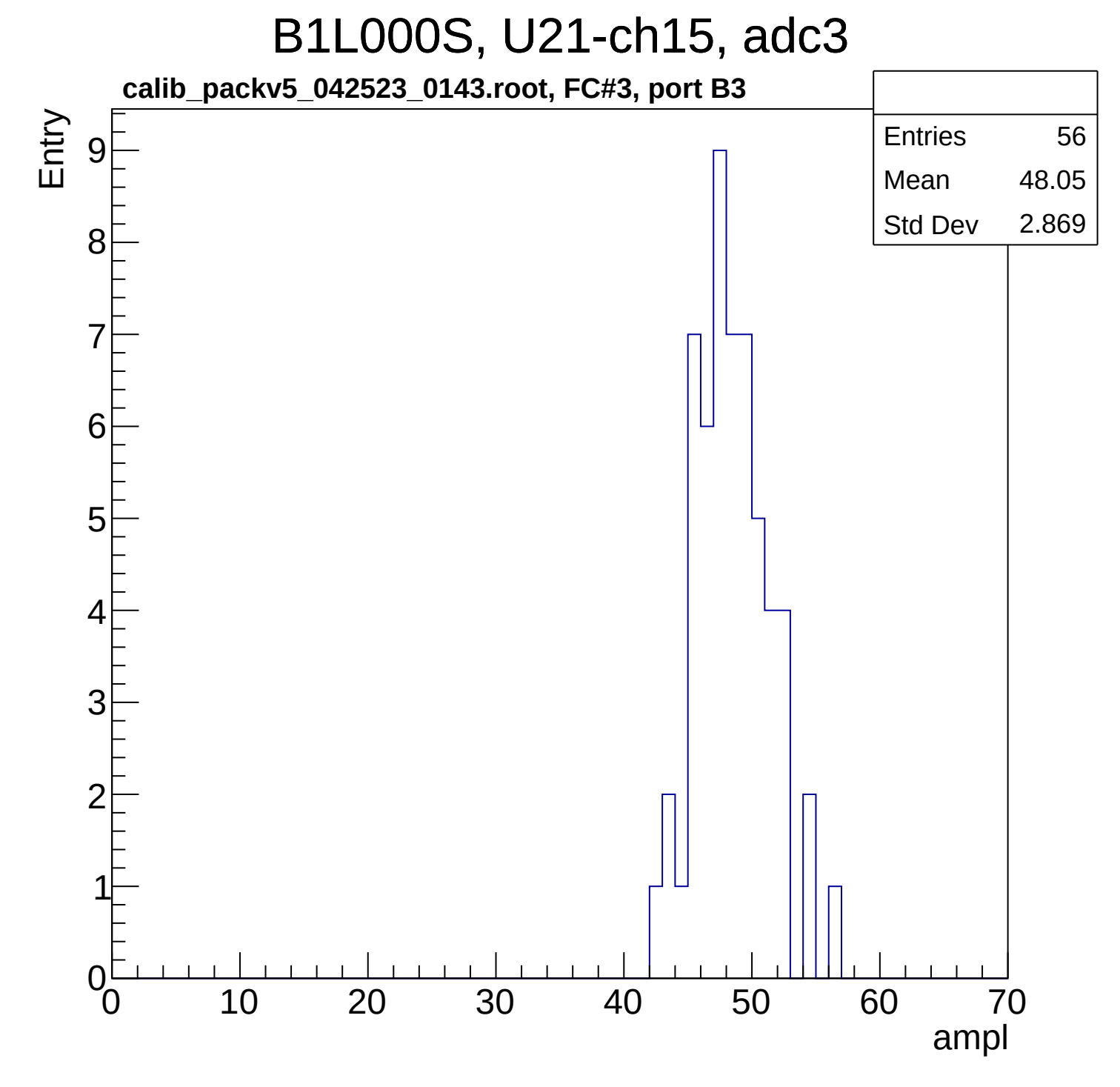

B1L000S, U21-ch14, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 22
Mean 58.45
Std Dev 12.84
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

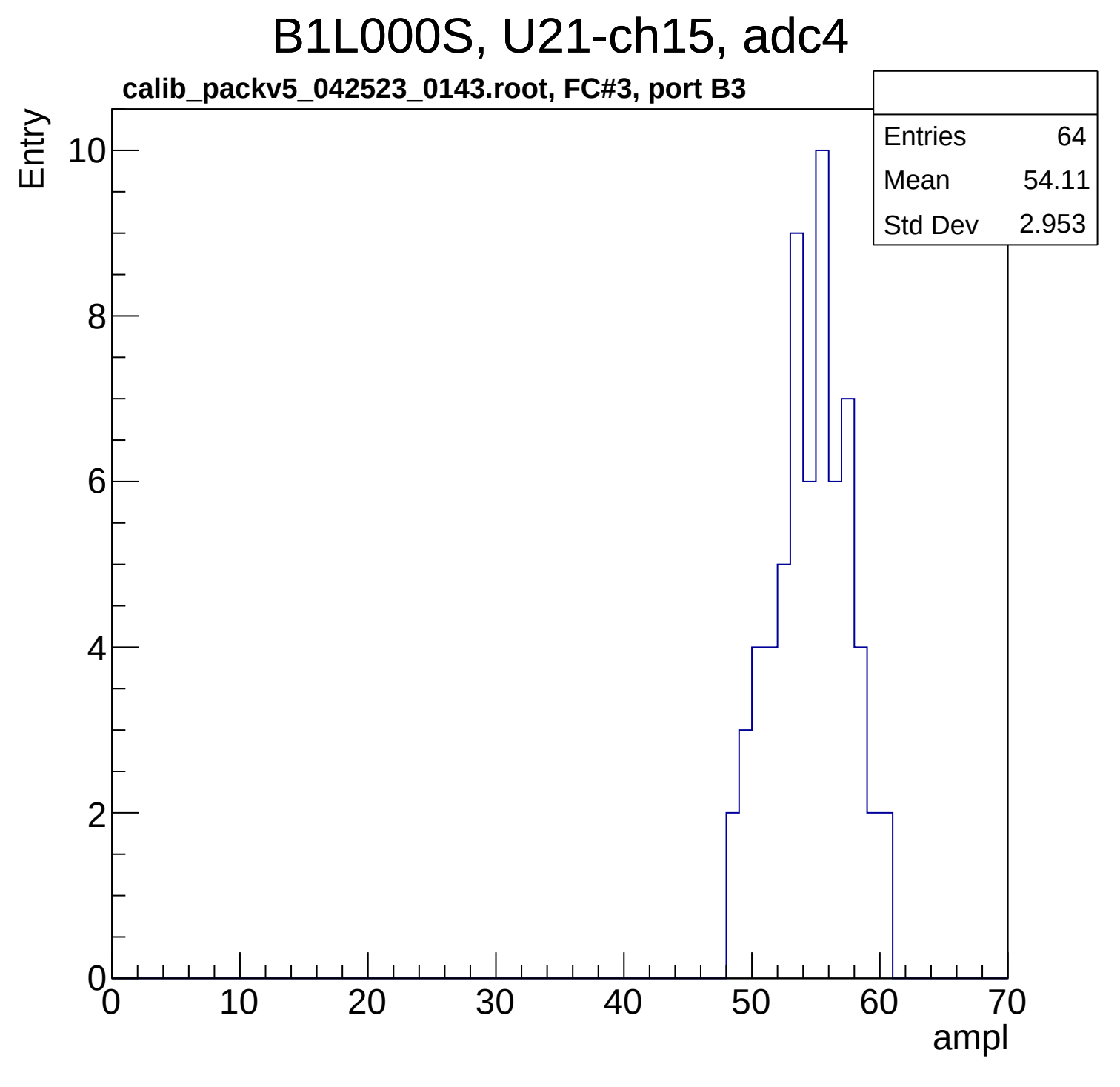

B1L000S, U21-ch14, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

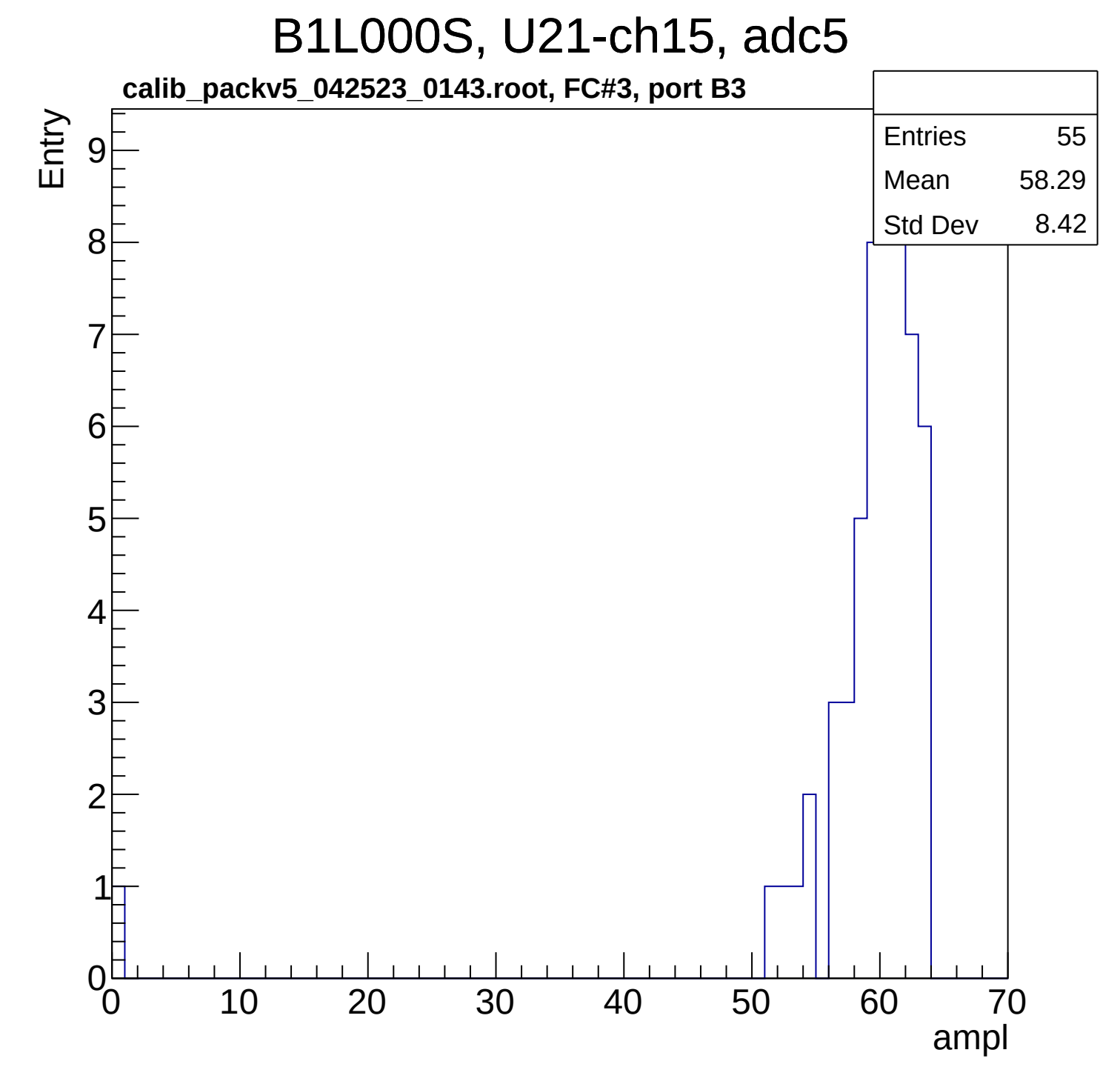

B1L000S, U21-ch15, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 29.18
Std Dev 5.974
Gaus mean : 30.5672
Gaus Width: 3.5110
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

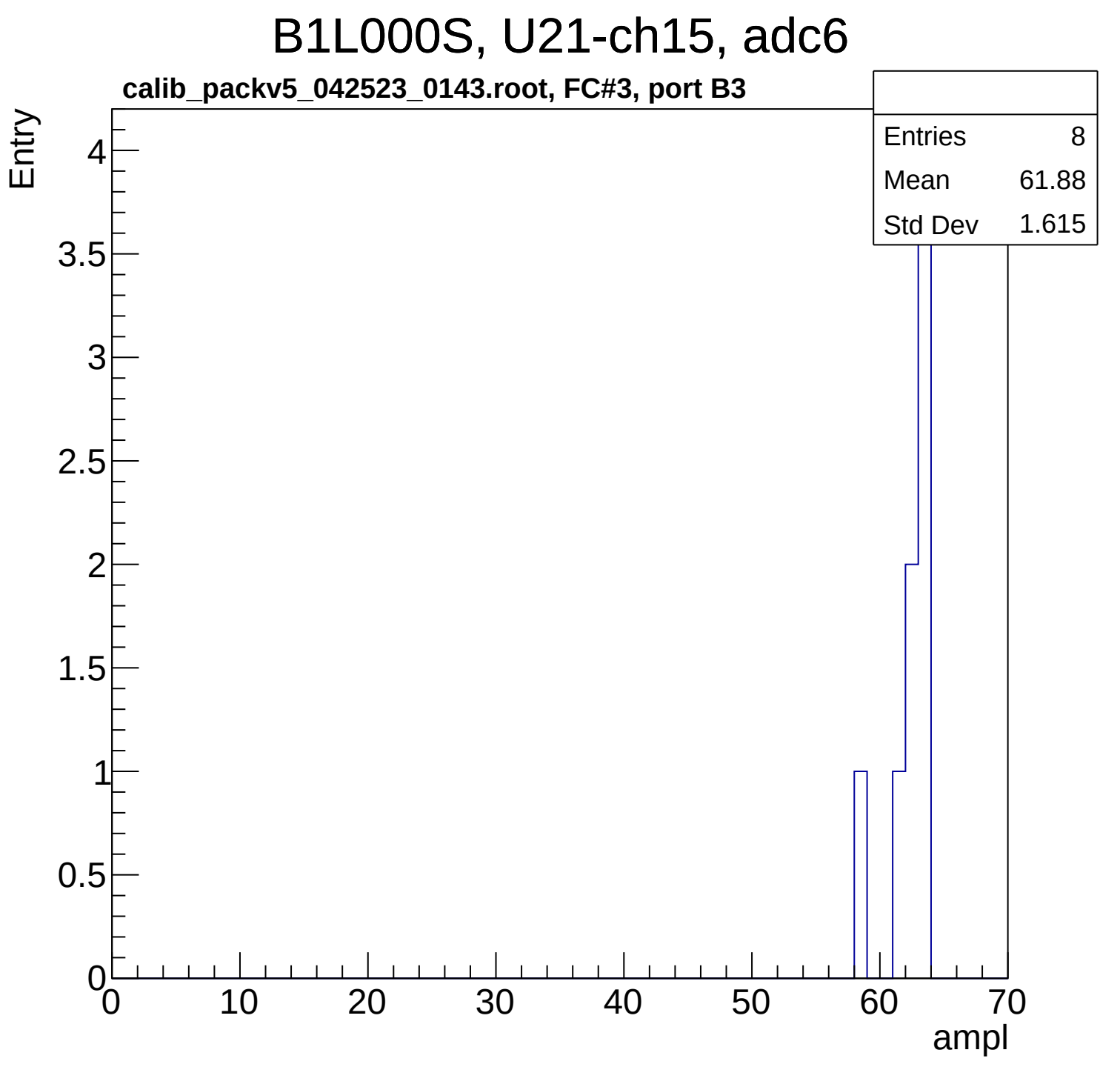

B1L000S, U21-ch15, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 36.03
Std Dev 3.549
Gaus mean : 36.7447
Gaus Width: 3.4111
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

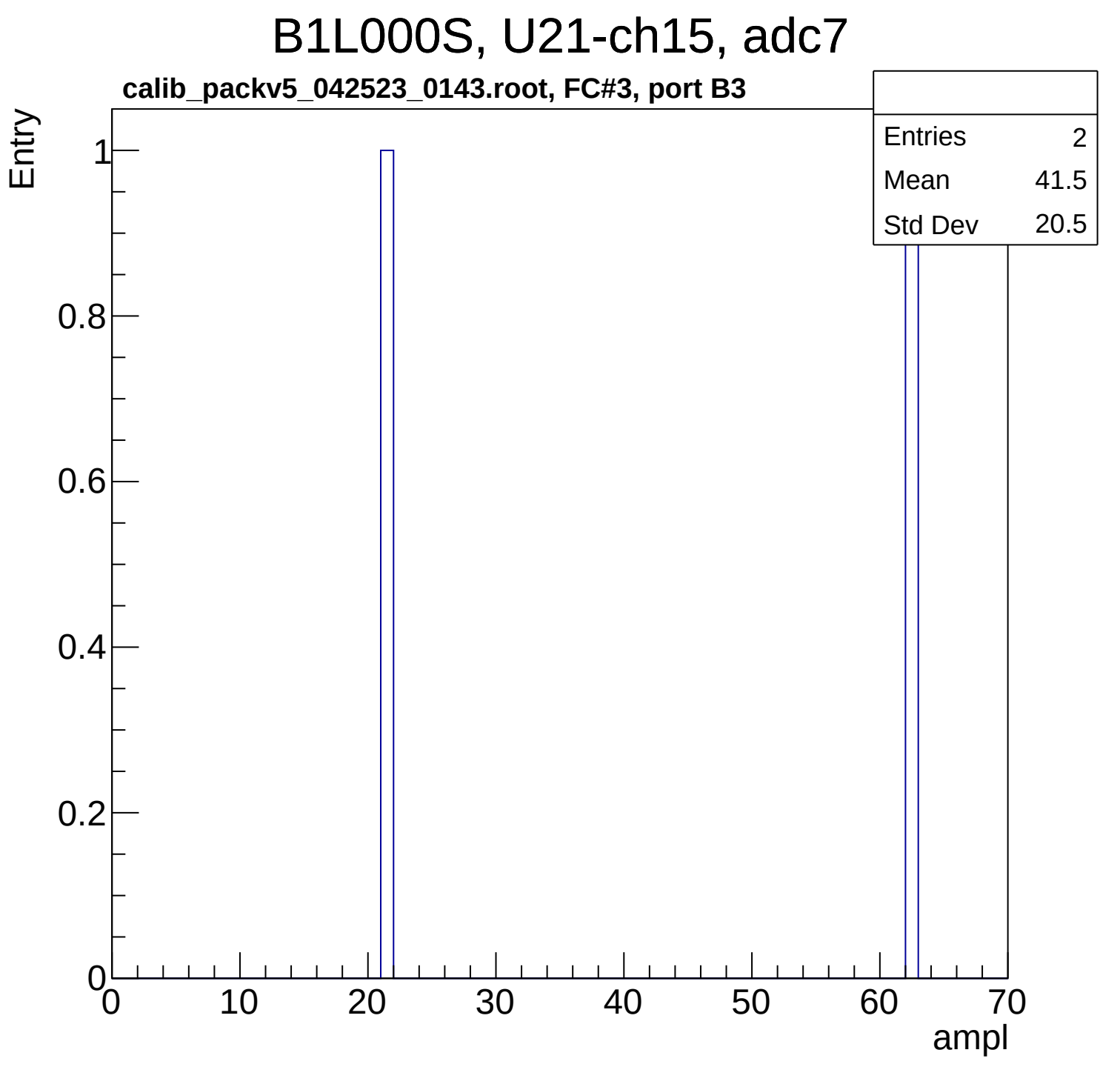

B1L000S, U21-ch15, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 42.3
Std Dev 3.234
Gaus mean : 42.6001
Gaus Width: 2.9220
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

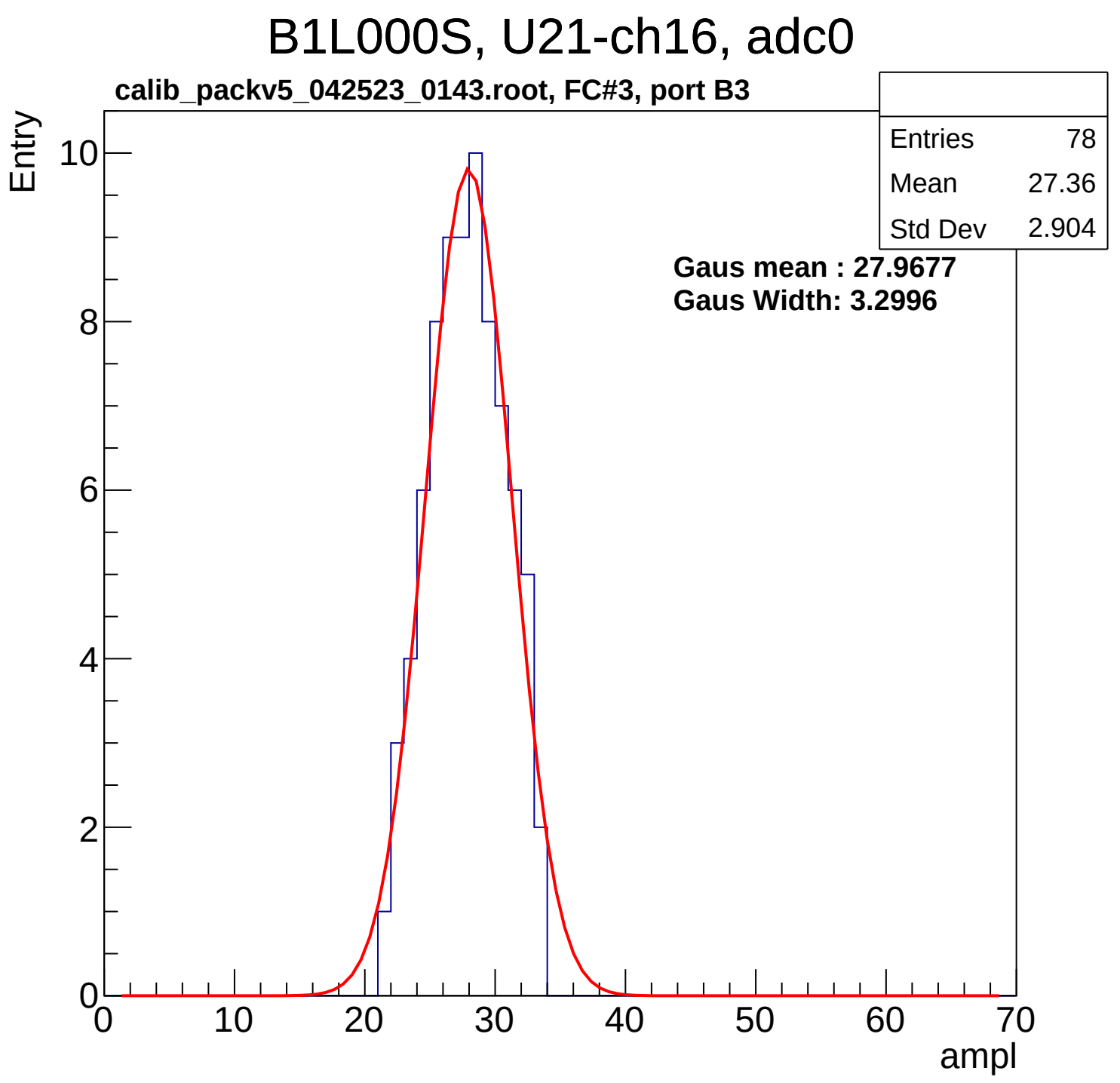

B1L000S, U21-ch15, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 48.05
Std Dev 2.869
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

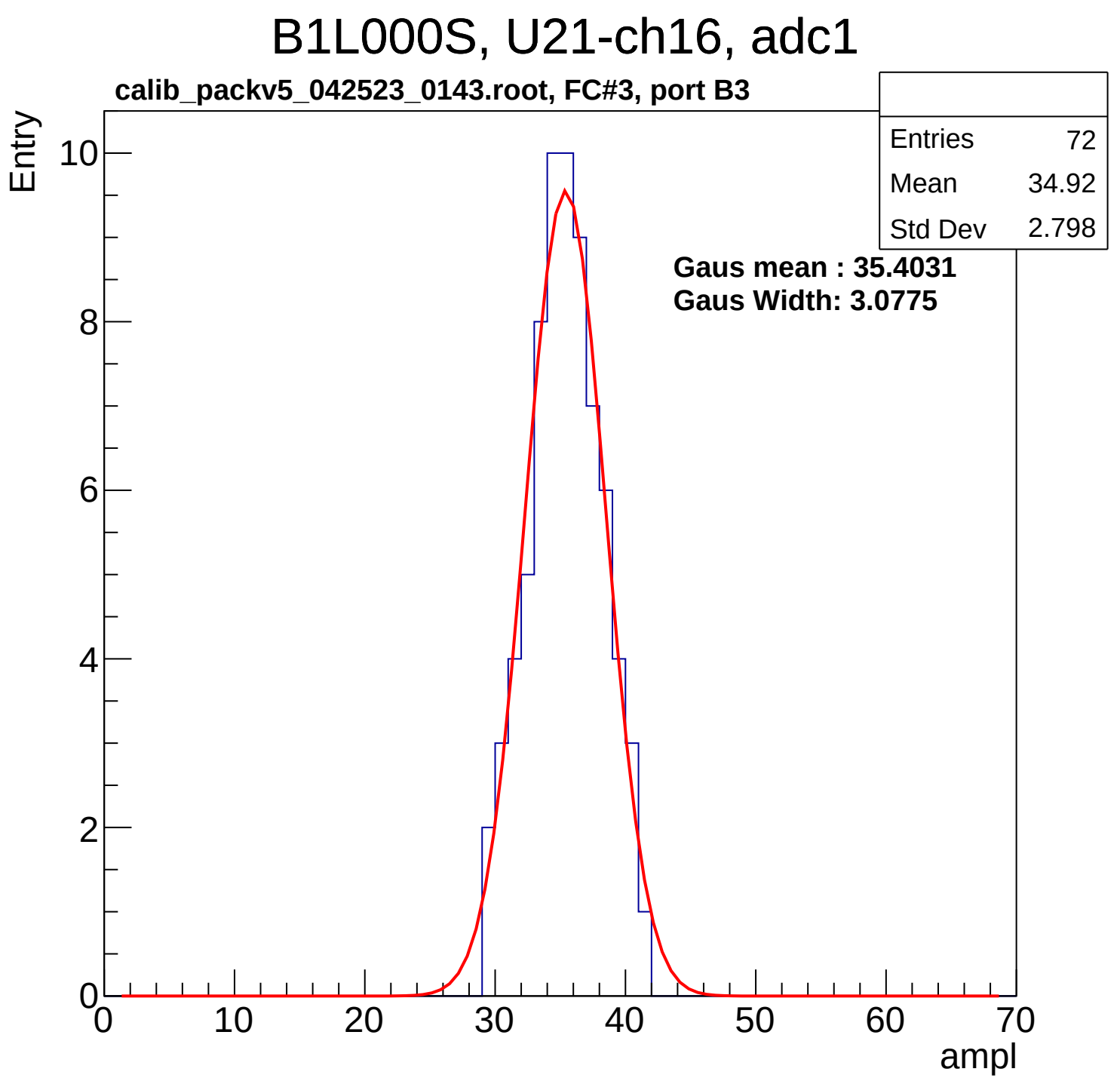

B1L000S, U21-ch15, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 54.11
Std Dev 2.953
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

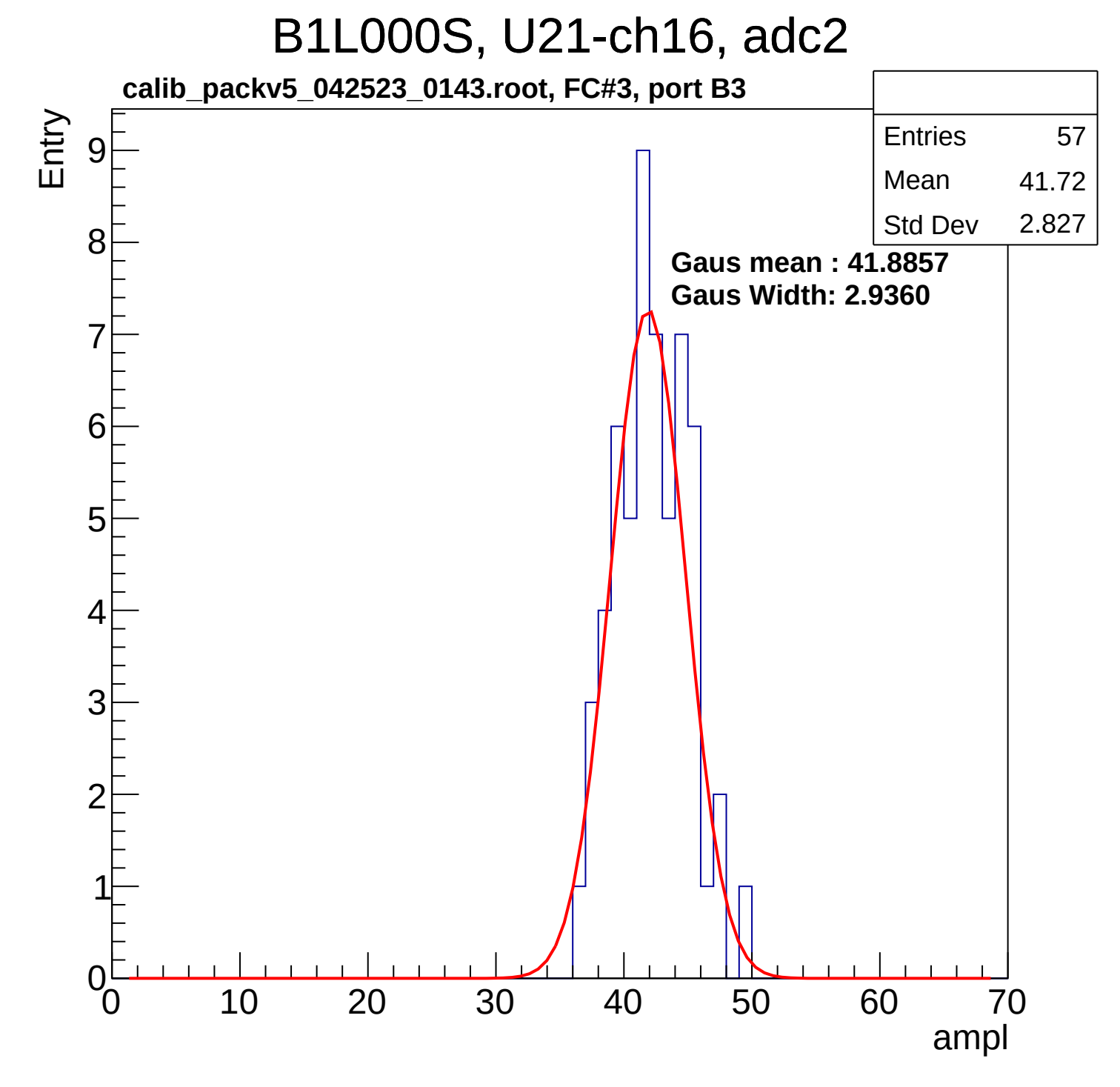

B1L000S, U21-ch15, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 58.29
Std Dev 8.42
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

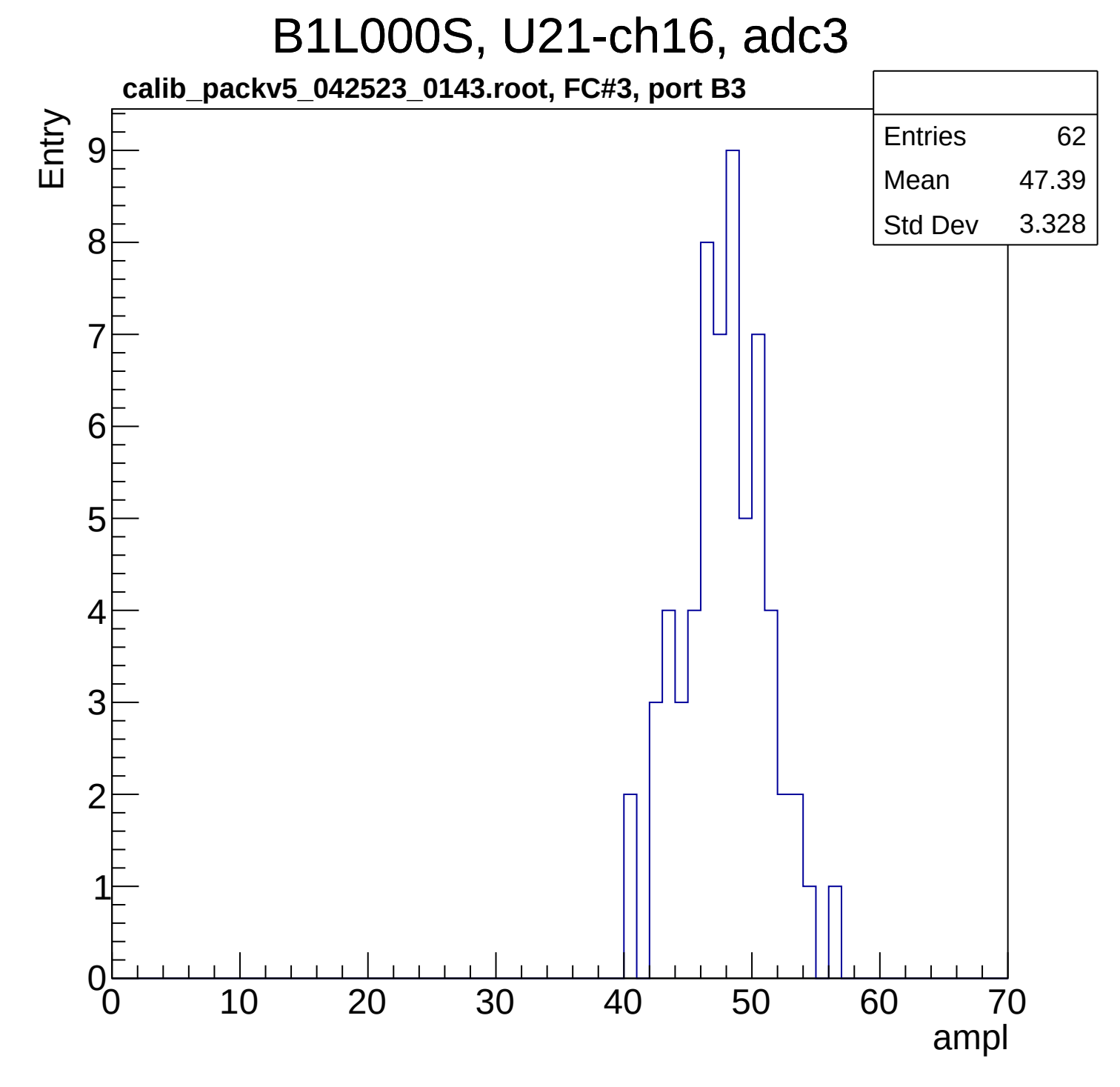

B1L000S, U21-ch15, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 61.88
Std Dev 1.615
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

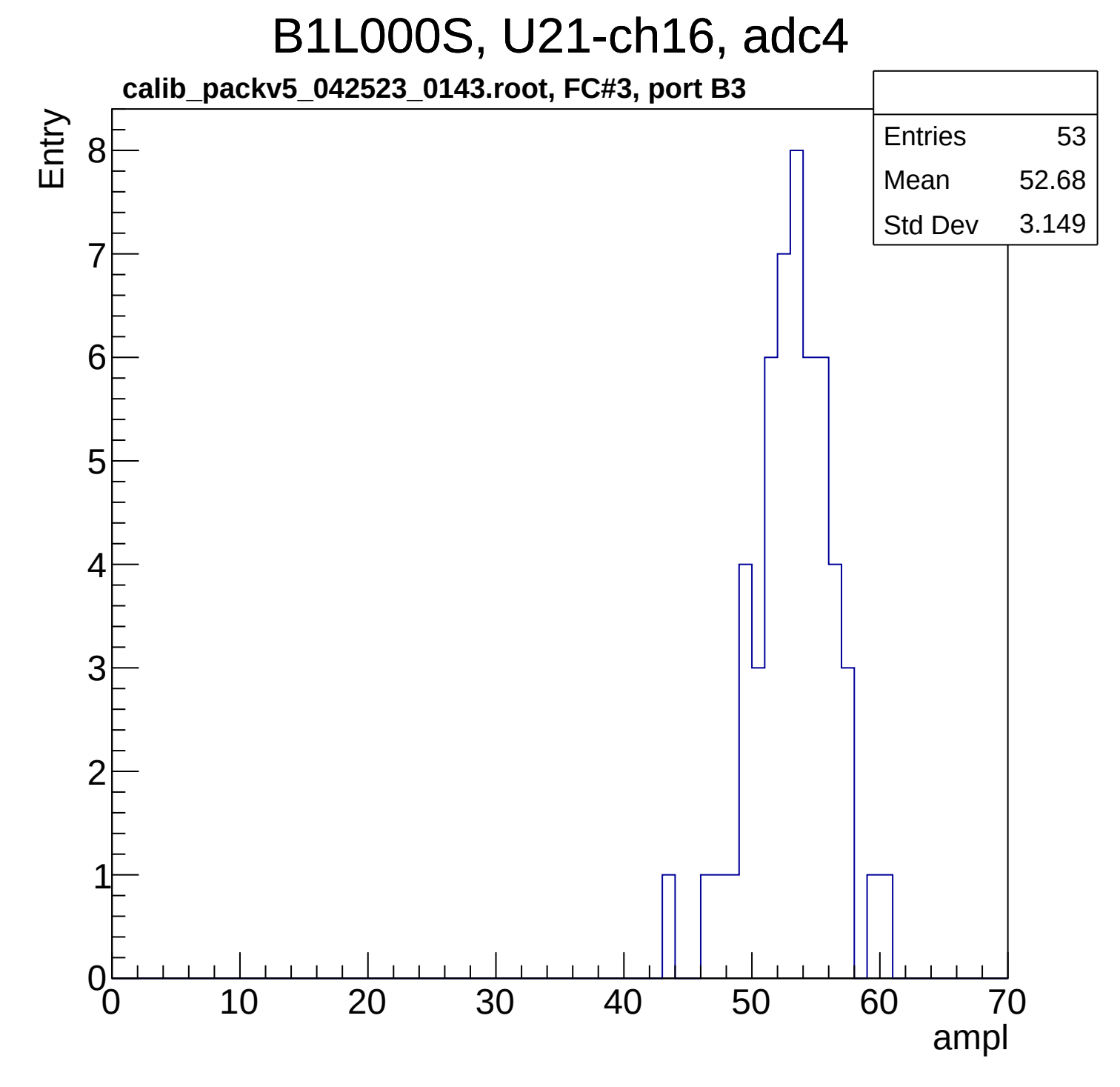

B1L000S, U21-ch15, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 41.5
Std Dev 20.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70

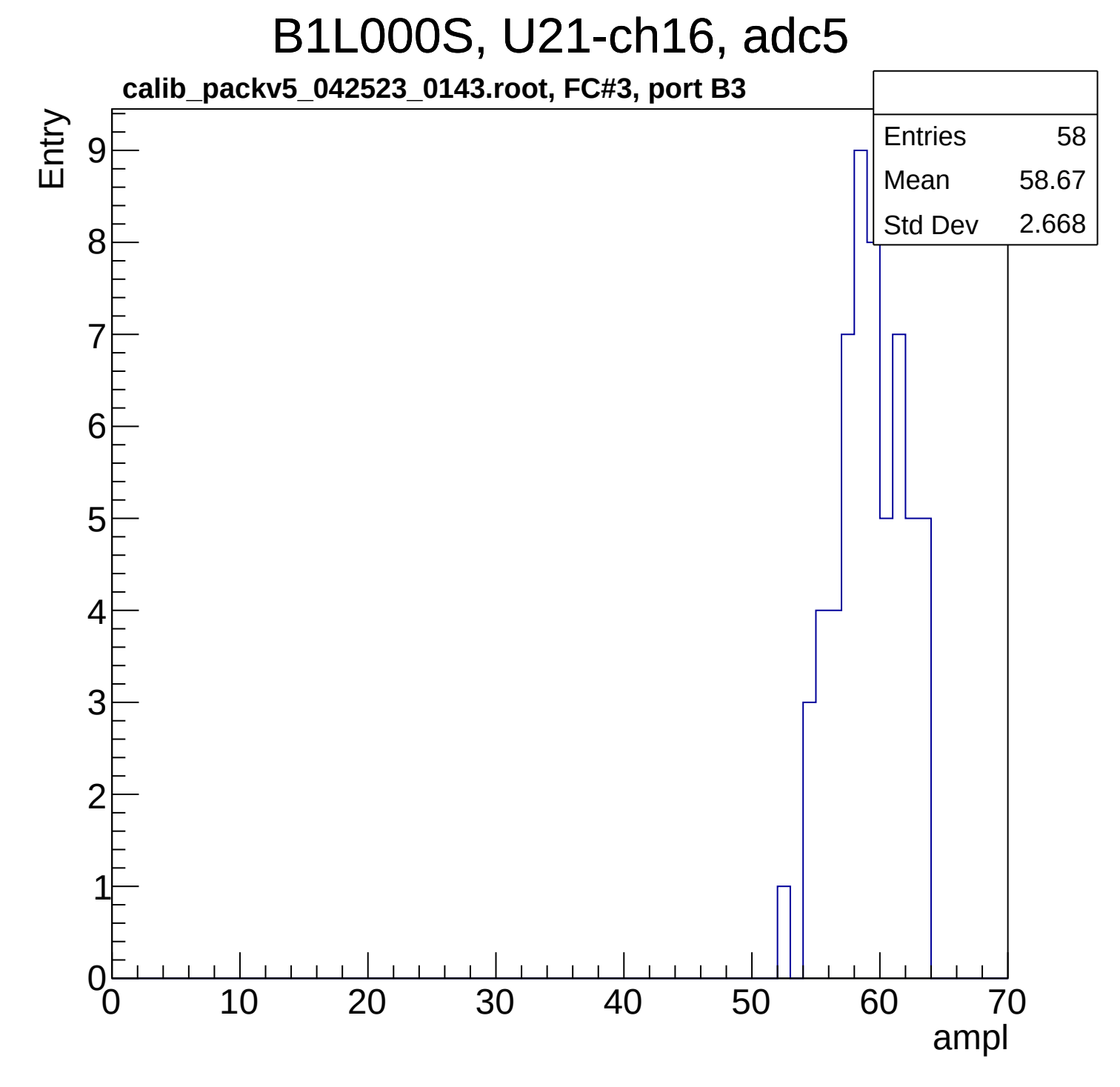

B1L000S, U21-ch16, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 27.36
Std Dev 2.904
Gaus mean : 27.9677
Gaus Width: 3.2996
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

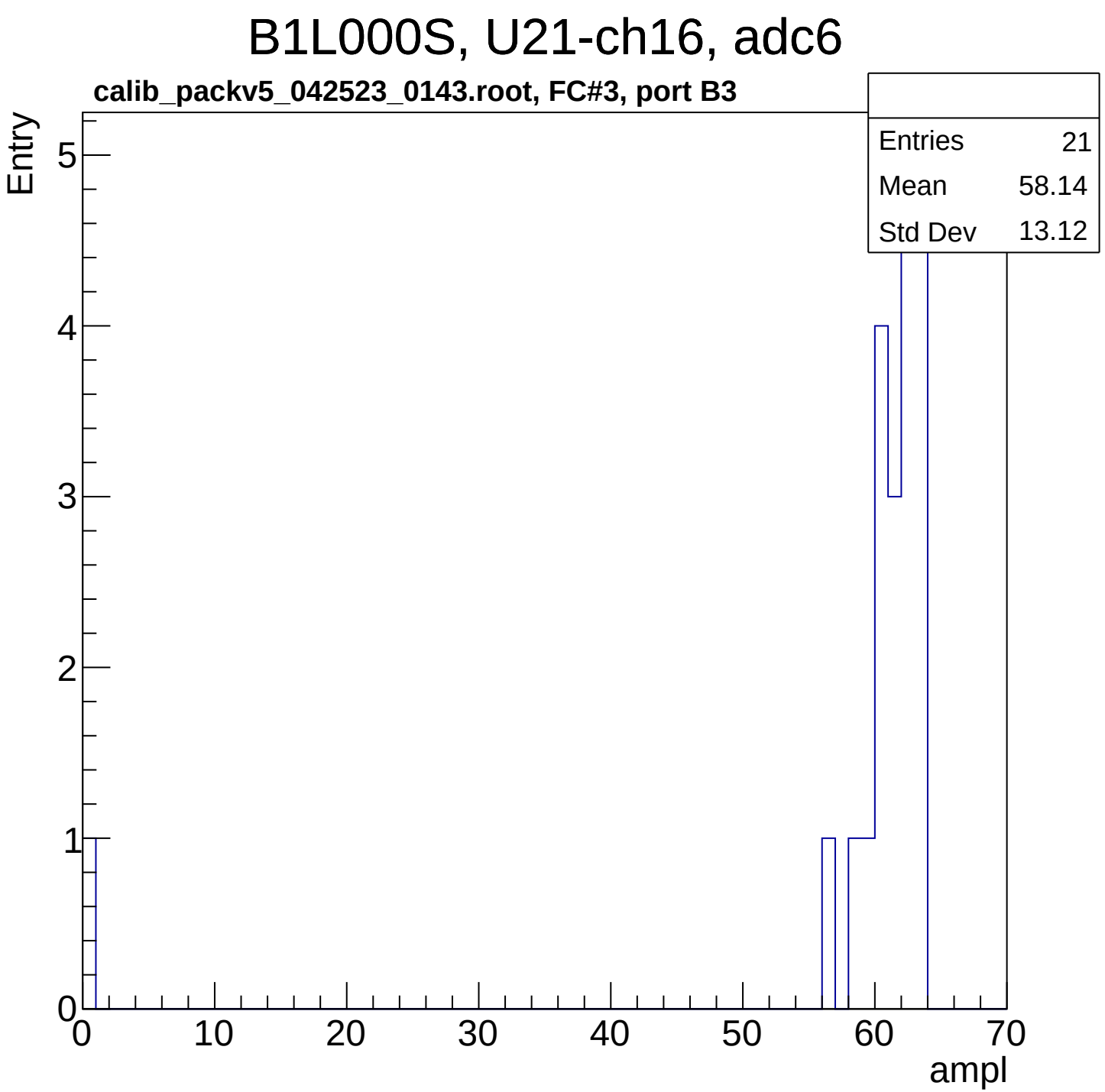

B1L000S, U21-ch16, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 34.92
Std Dev 2.798
Gaus mean : 35.4031
Gaus Width: 3.0775
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

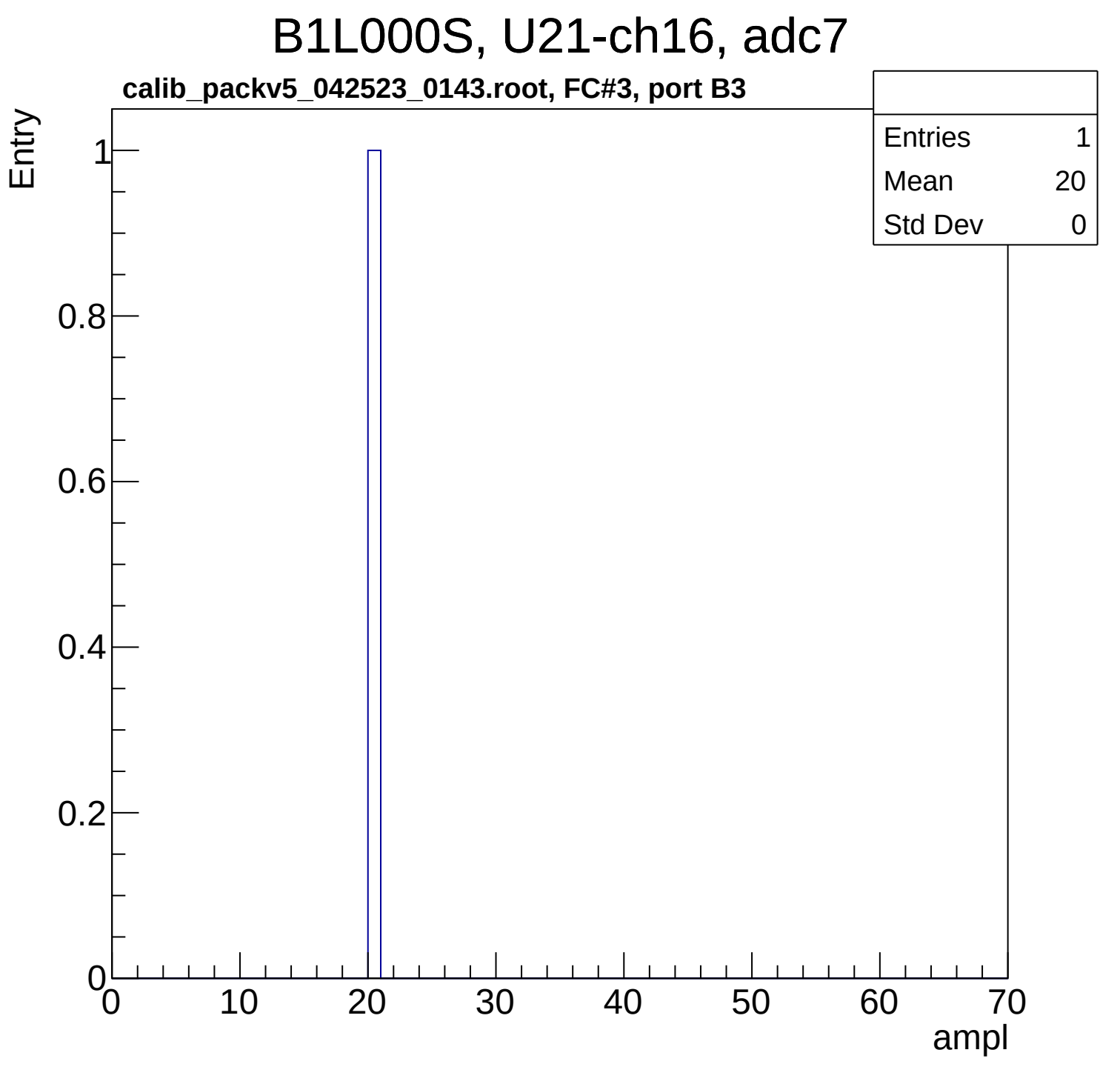

B1L000S, U21-ch16, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 41.72
Std Dev 2.827
Gaus mean : 41.8857
Gaus Width: 2.9360
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

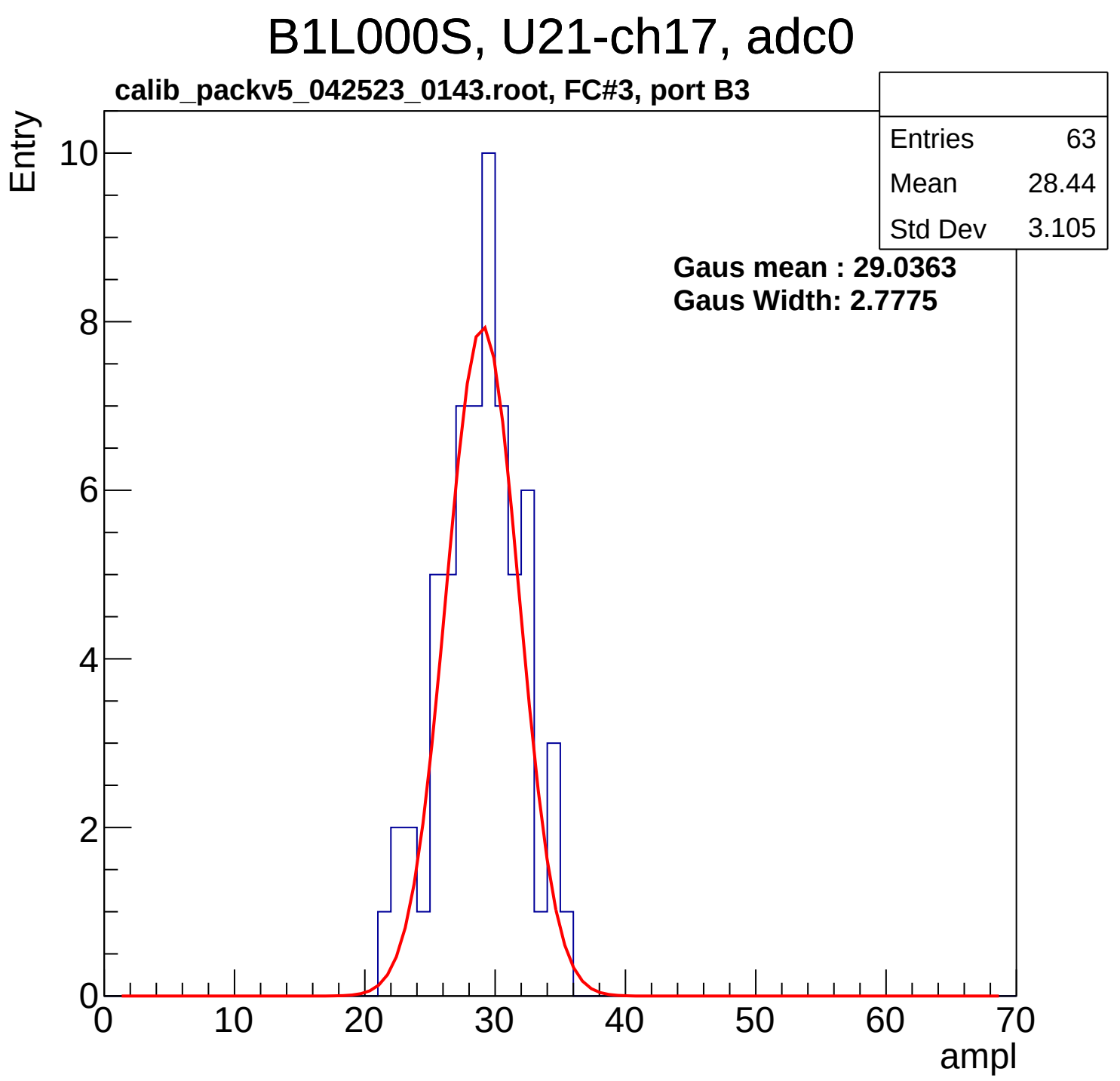

B1L000S, U21-ch16, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 47.39
Std Dev 3.328
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

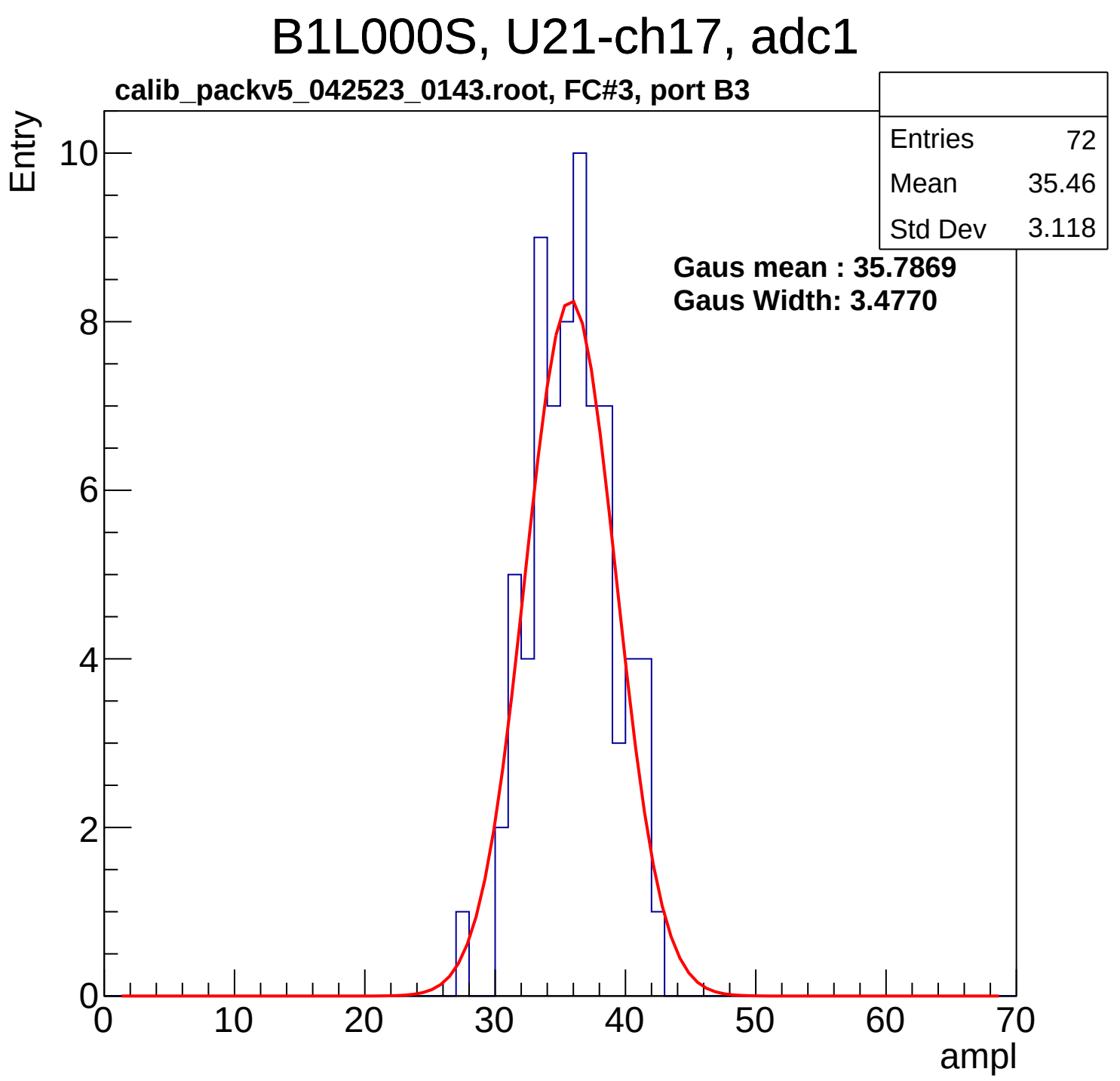

B1L000S, U21-ch16, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 52.68
Std Dev 3.149
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

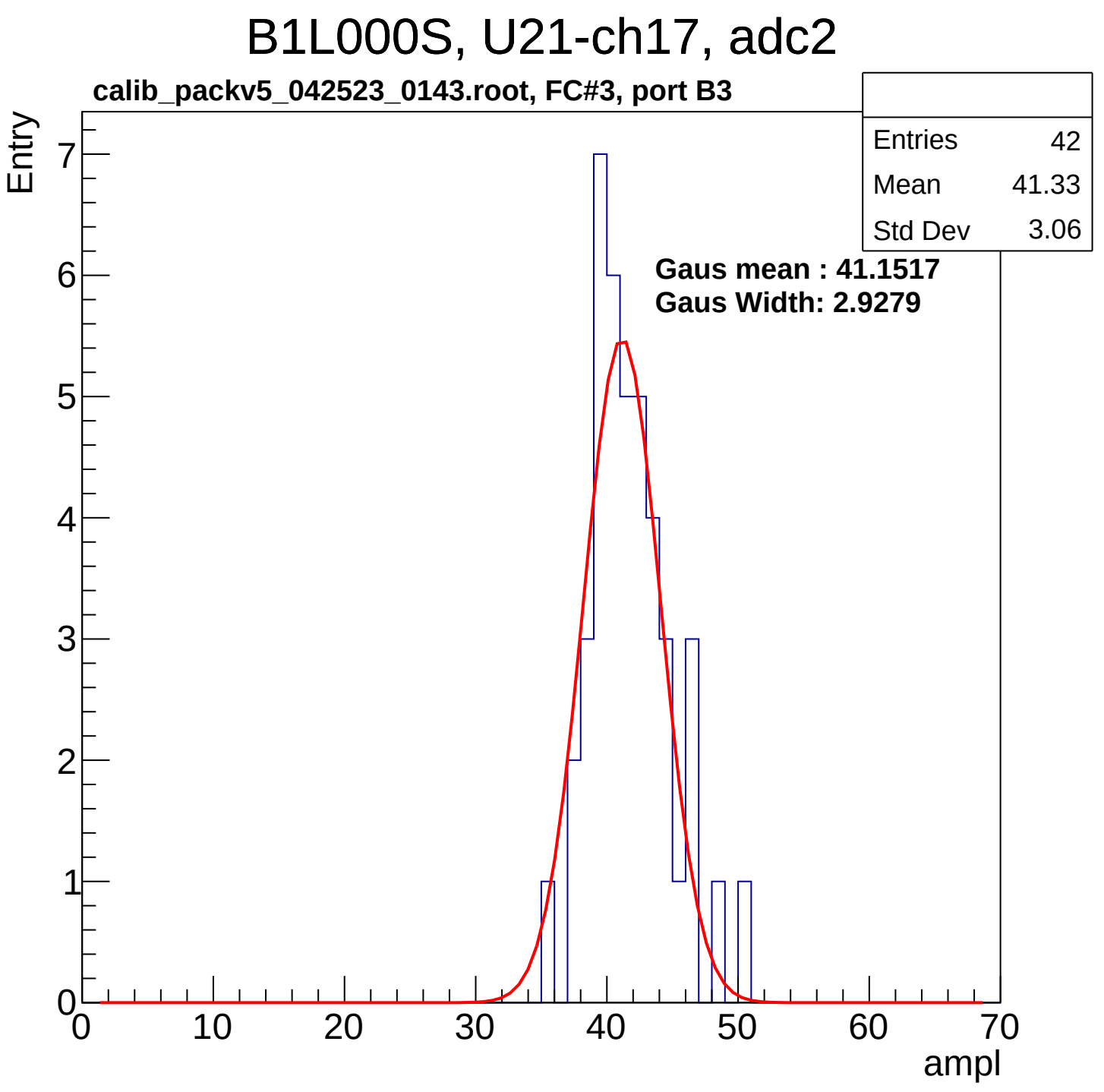

B1L000S, U21-ch16, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 58.67
Std Dev 2.668
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

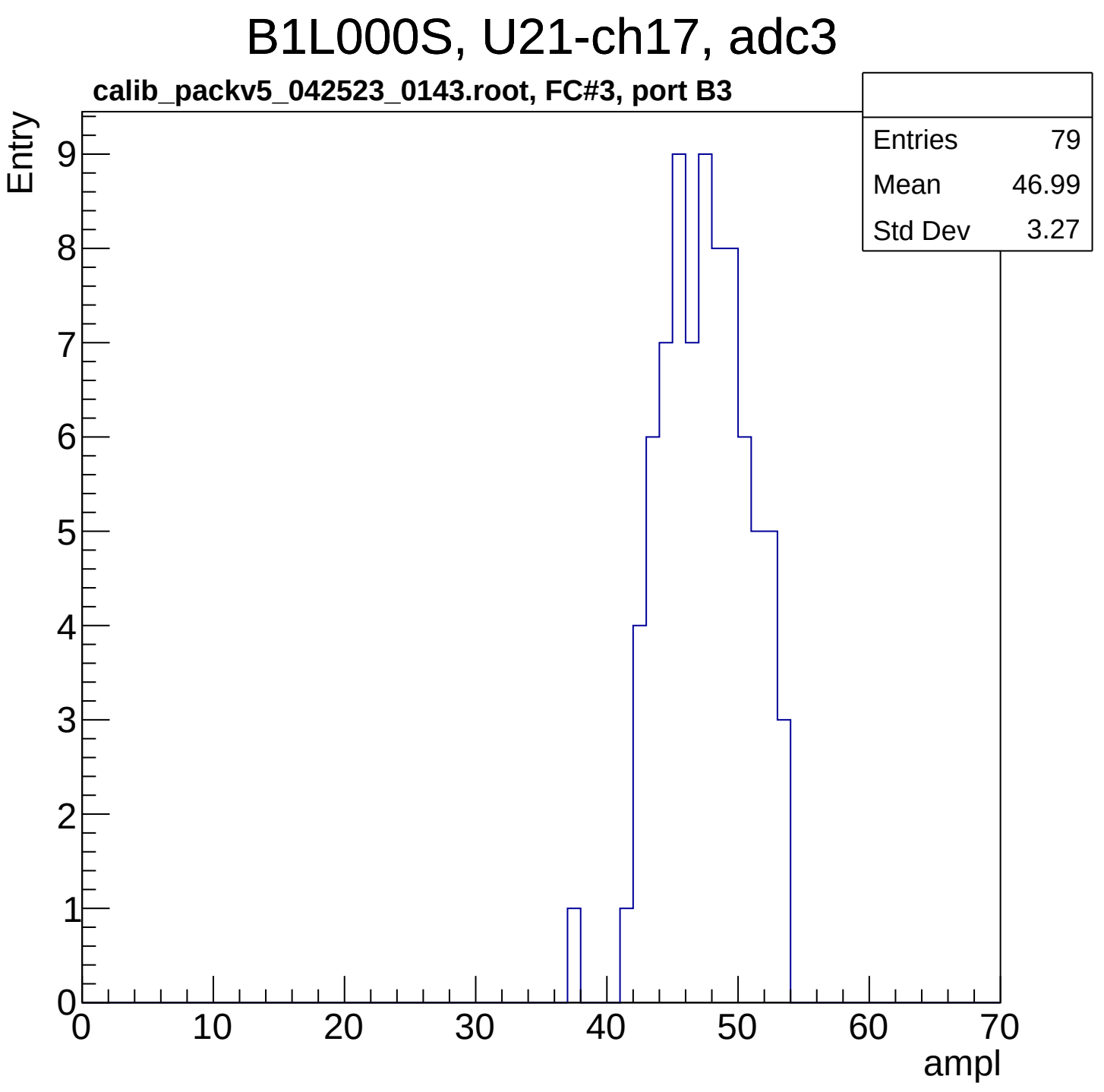

B1L000S, U21-ch16, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 21
Mean 58.14
Std Dev 13.12
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

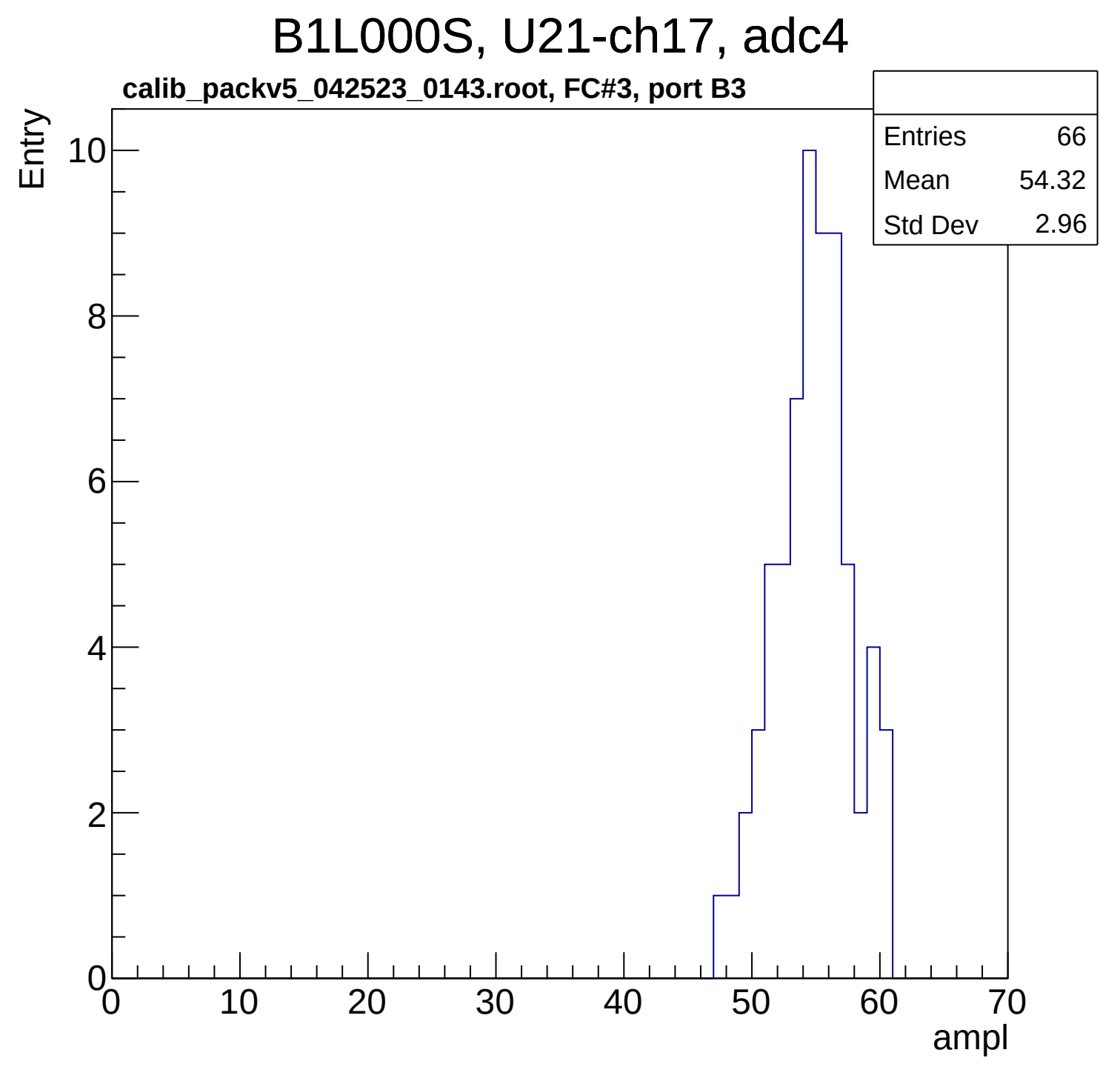

B1L000S, U21-ch16, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 20
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

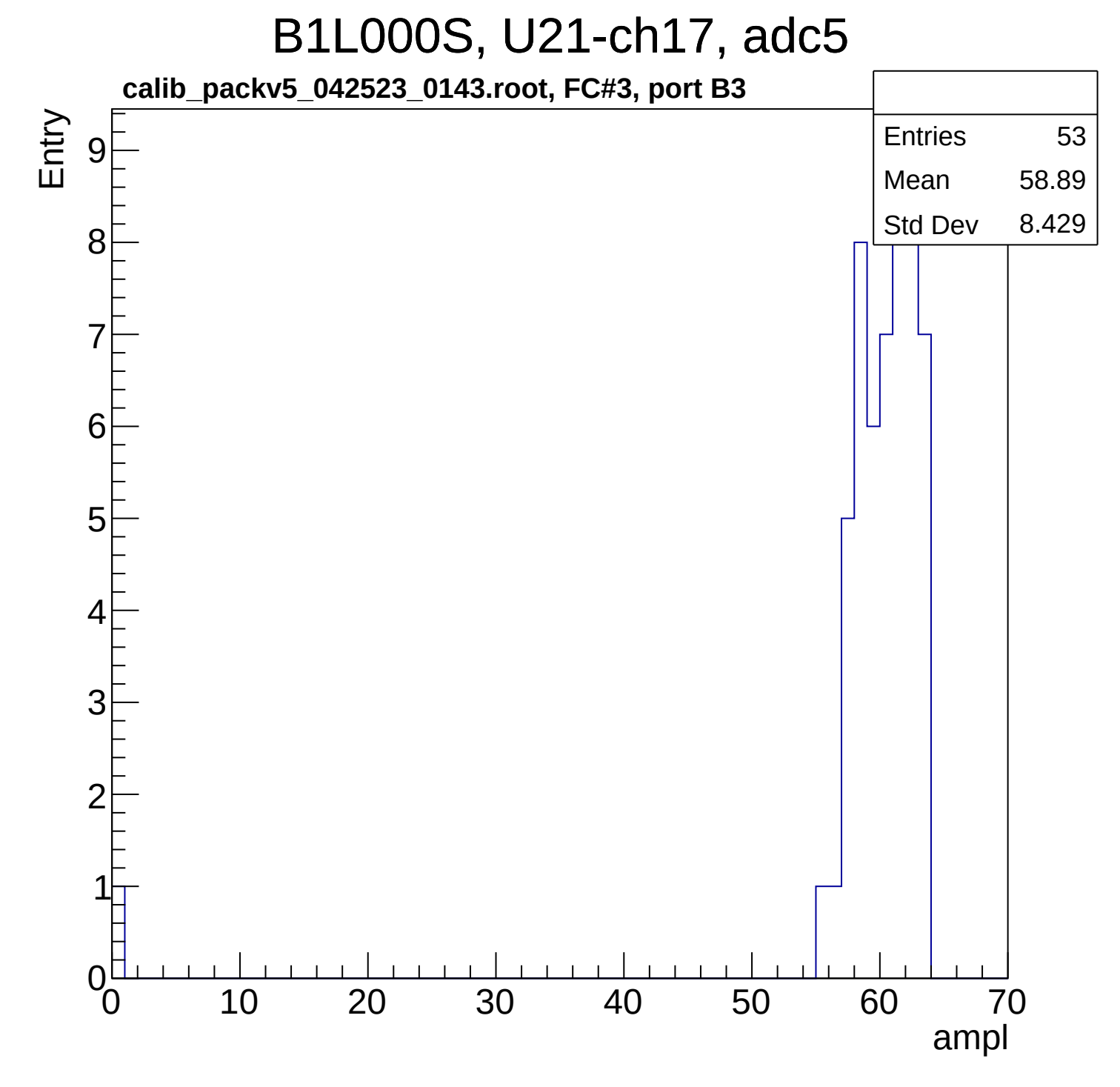

B1L000S, U21-ch17, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 28.44
Std Dev 3.105
Gaus mean : 29.0363
Gaus Width: 2.7775
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

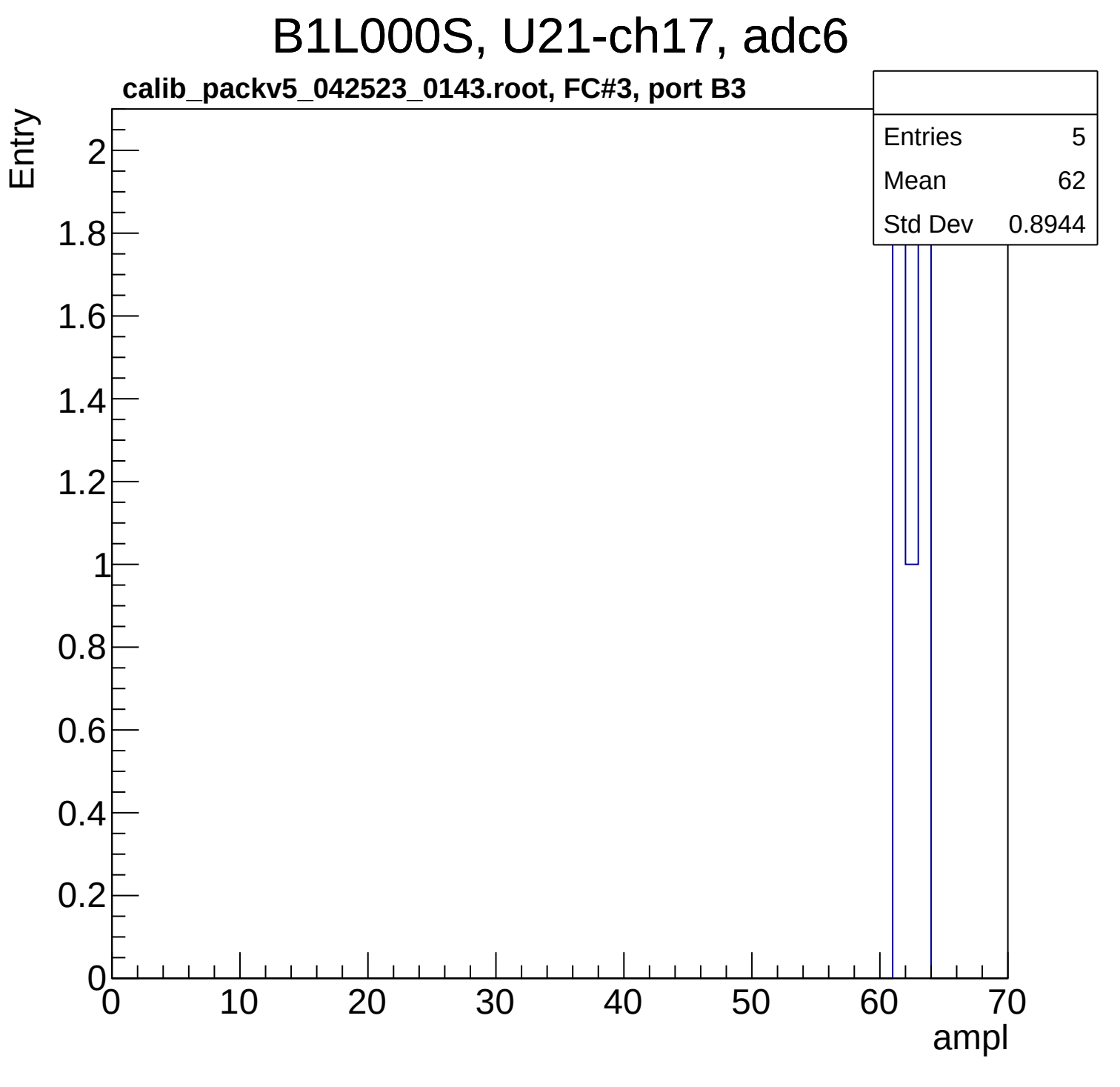

B1L000S, U21-ch17, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 35.46
Std Dev 3.118
Gaus mean : 35.7869
Gaus Width: 3.4770
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

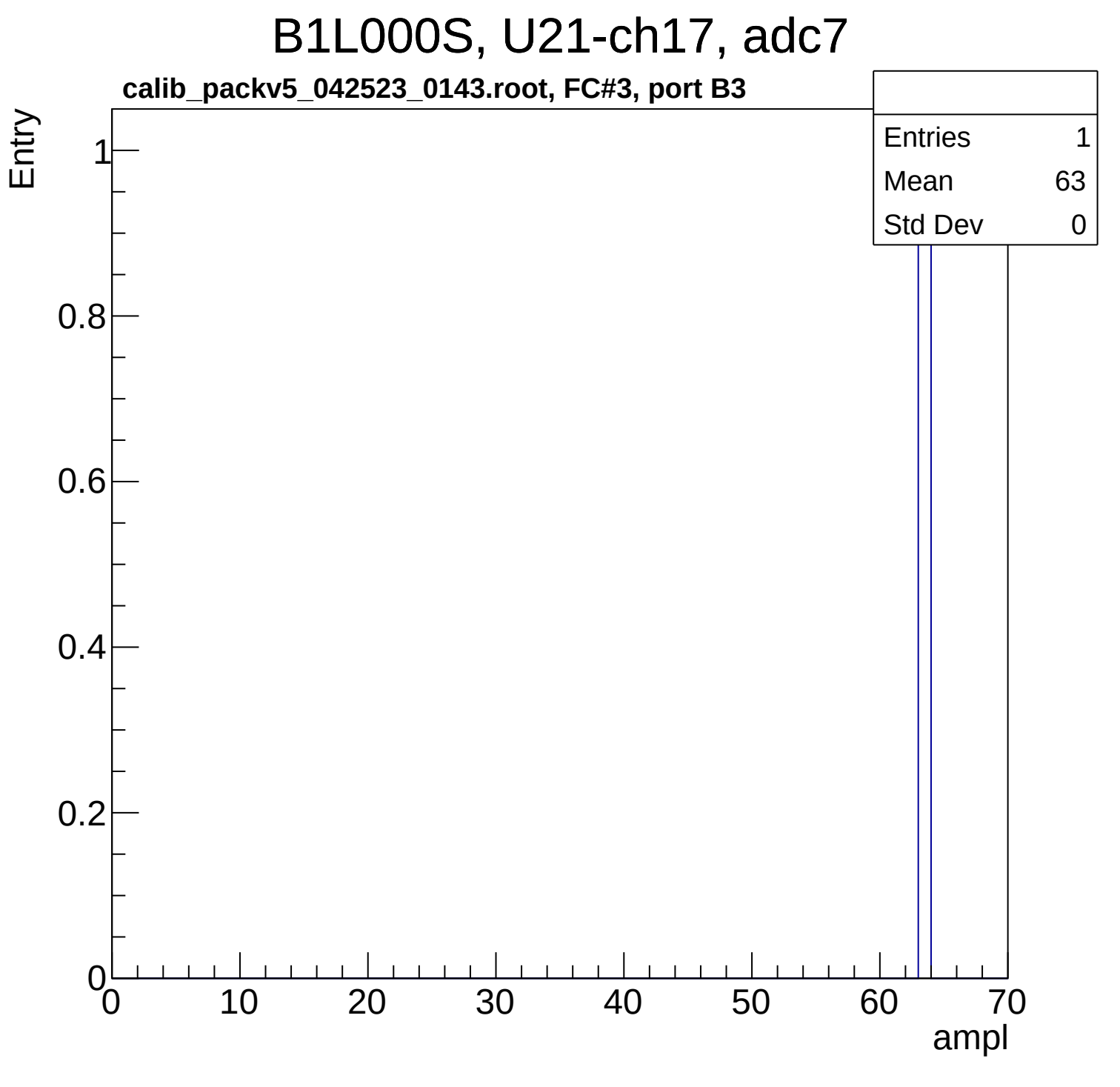

B1L000S, U21-ch17, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 41.33
Std Dev 3.06
Gaus mean : 41.1517
Gaus Width: 2.9279
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

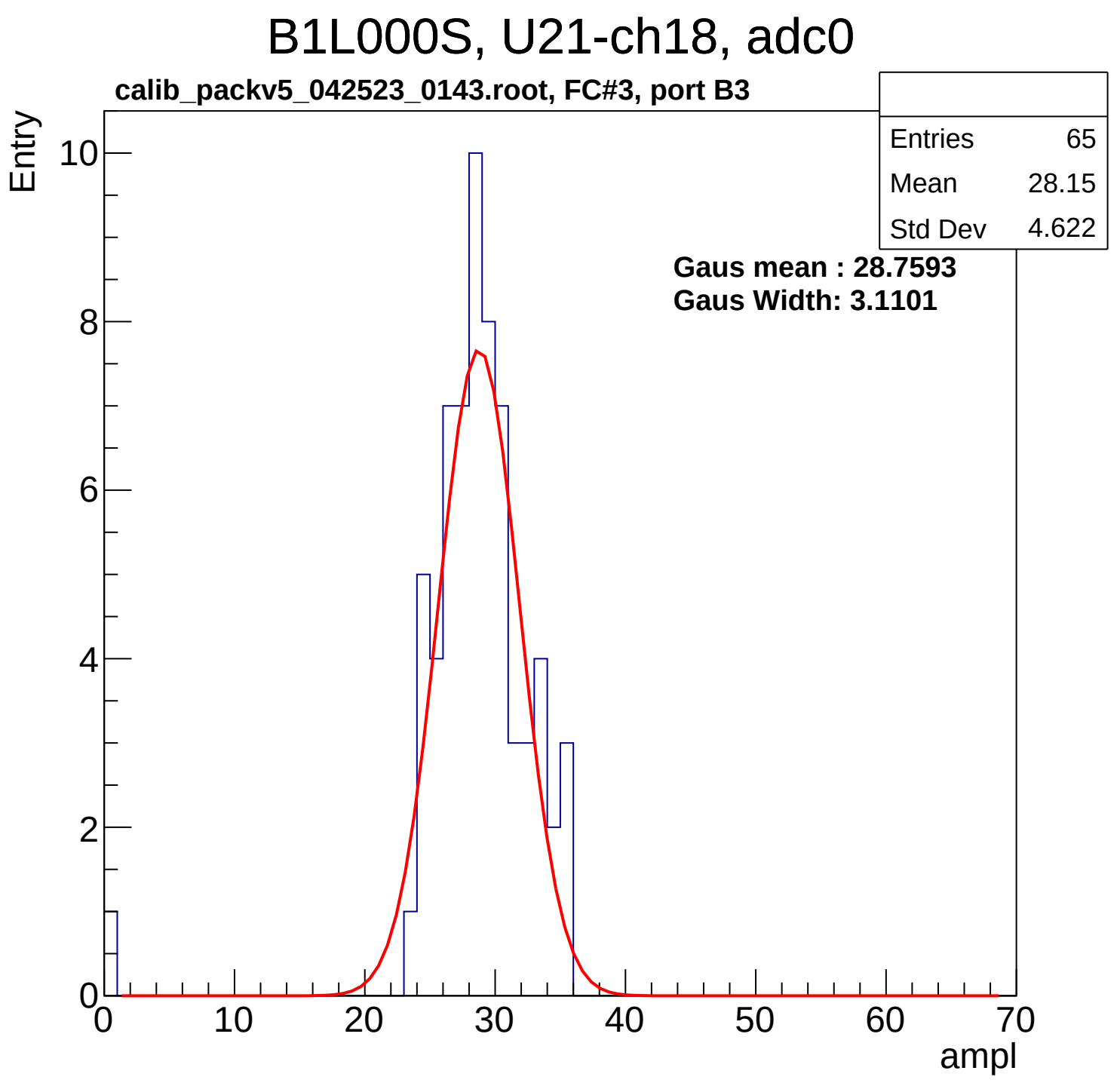

B1L000S, U21-ch17, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 46.99
Std Dev 3.27
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

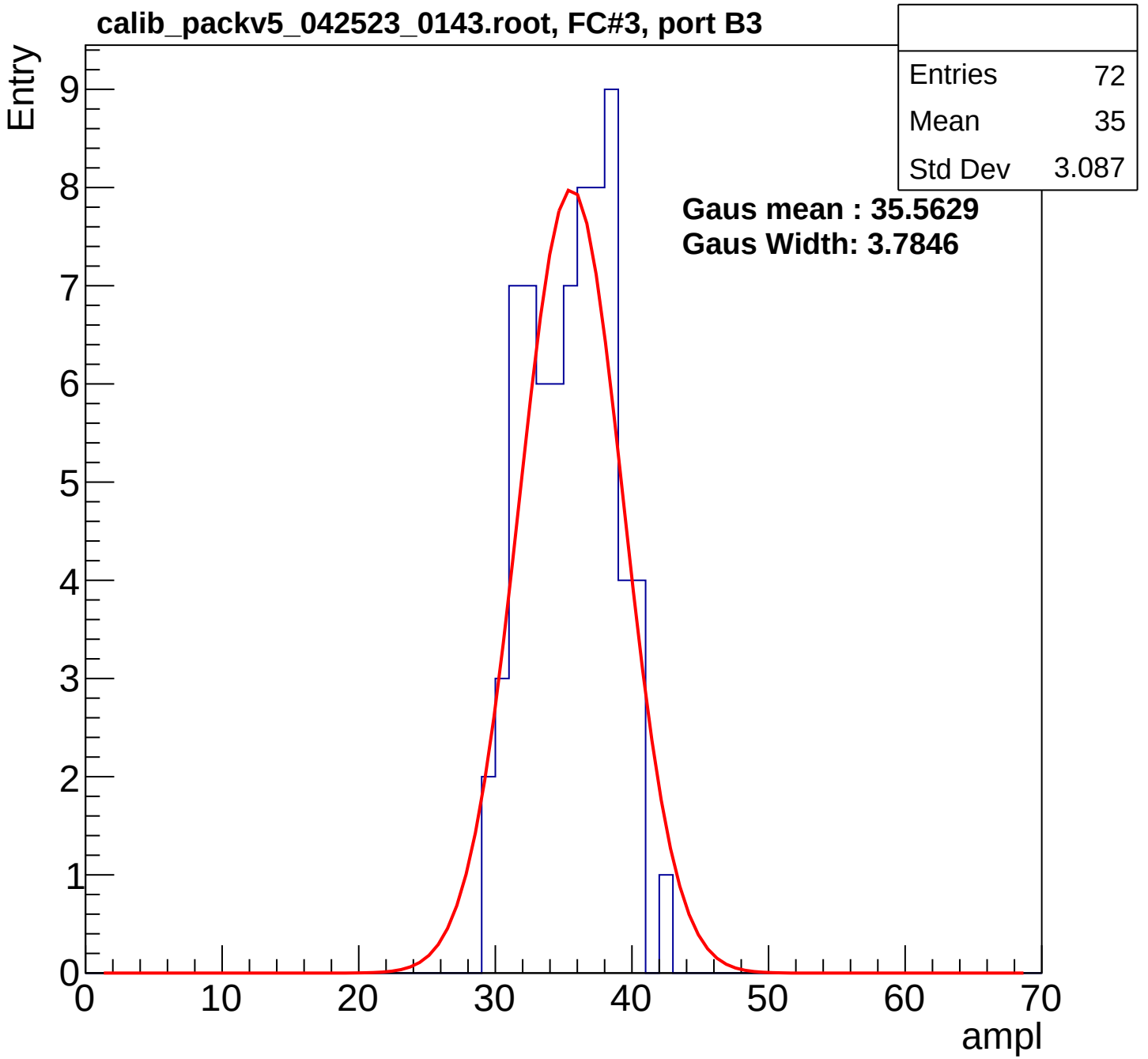

B1L000S, U21-ch17, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 54.32
Std Dev 2.96
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

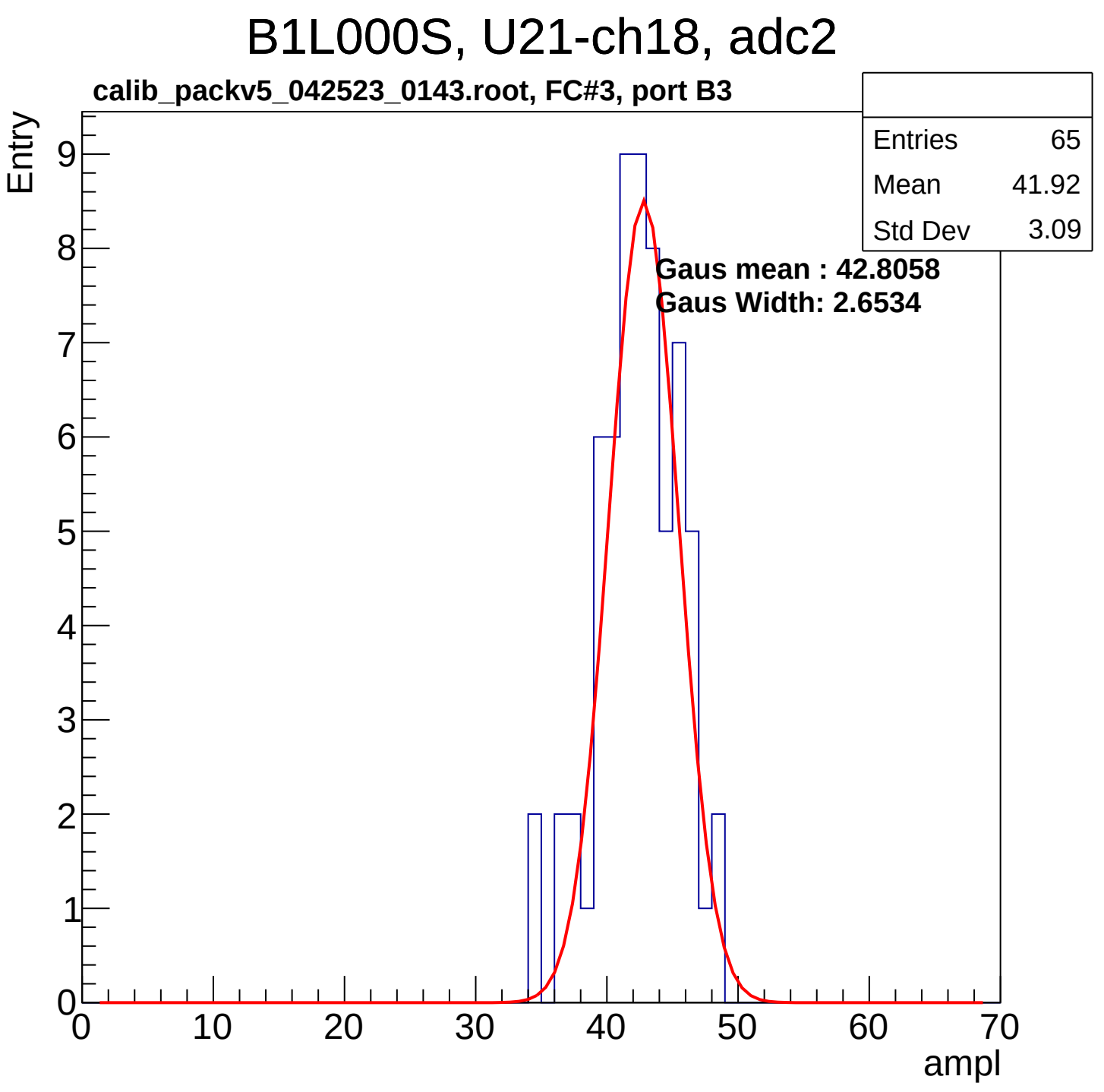

B1L000S, U21-ch17, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 58.89
Std Dev 8.429
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

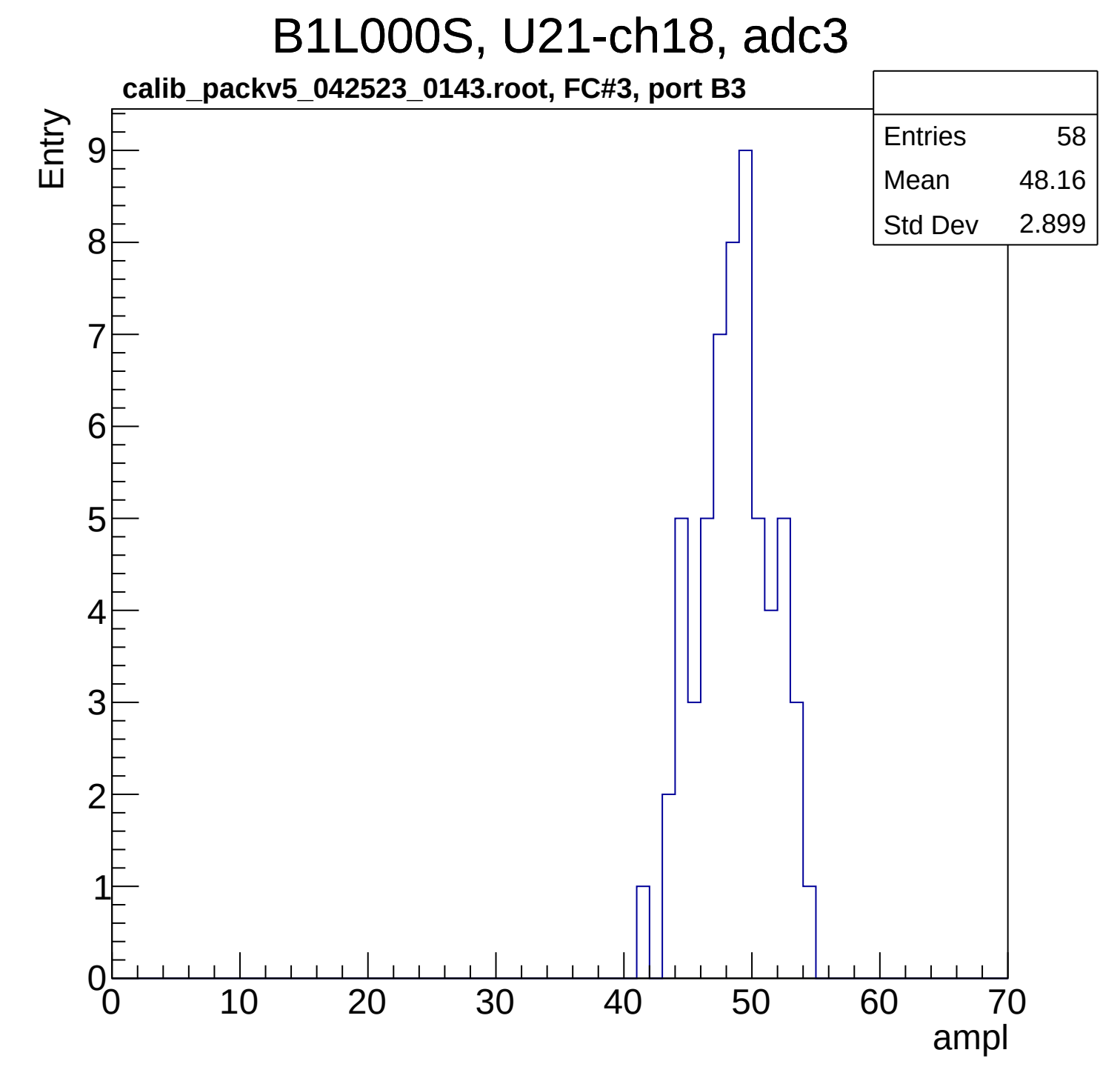

B1L000S, U21-ch17, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 62
Std Dev 0.8944
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

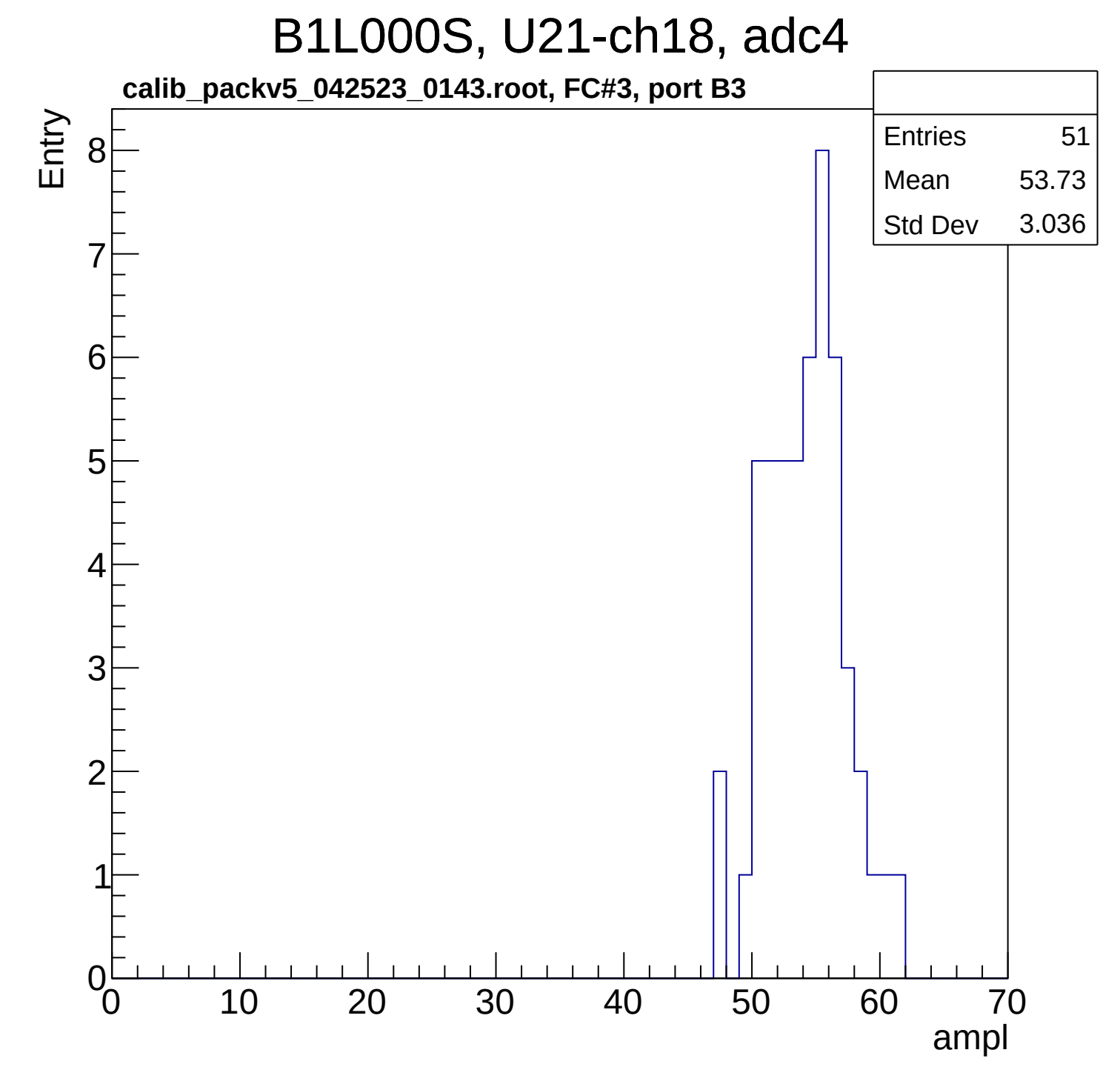

B1L000S, U21-ch17, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

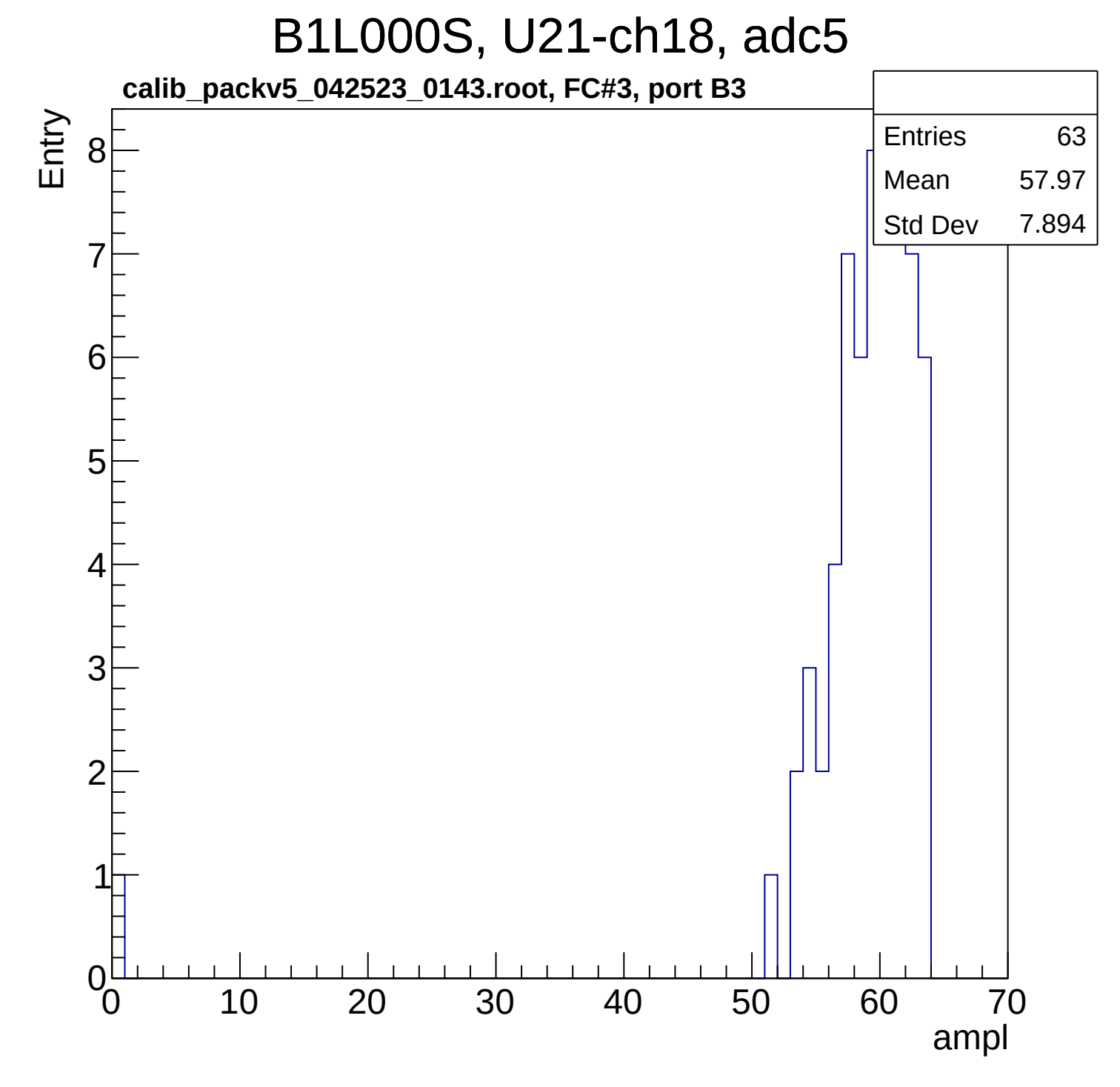

B1L000S, U21-ch18, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 28.15
Std Dev 4.622
Gaus mean : 28.7593
Gaus Width: 3.1101
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

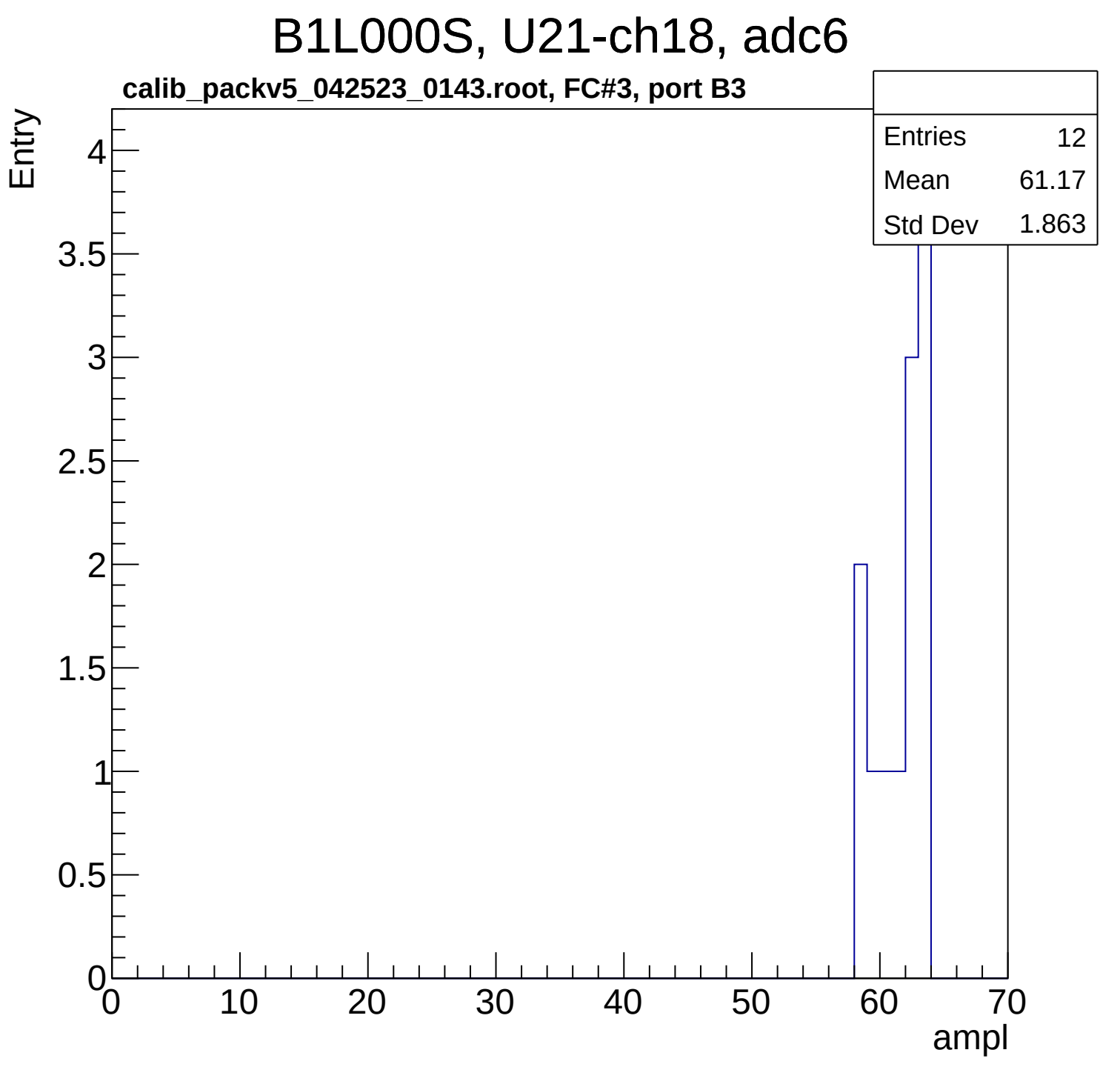

B1L000S, U21-ch18, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 35
Std Dev 3.087
Gaus mean : 35.5629
Gaus Width: 3.7846
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

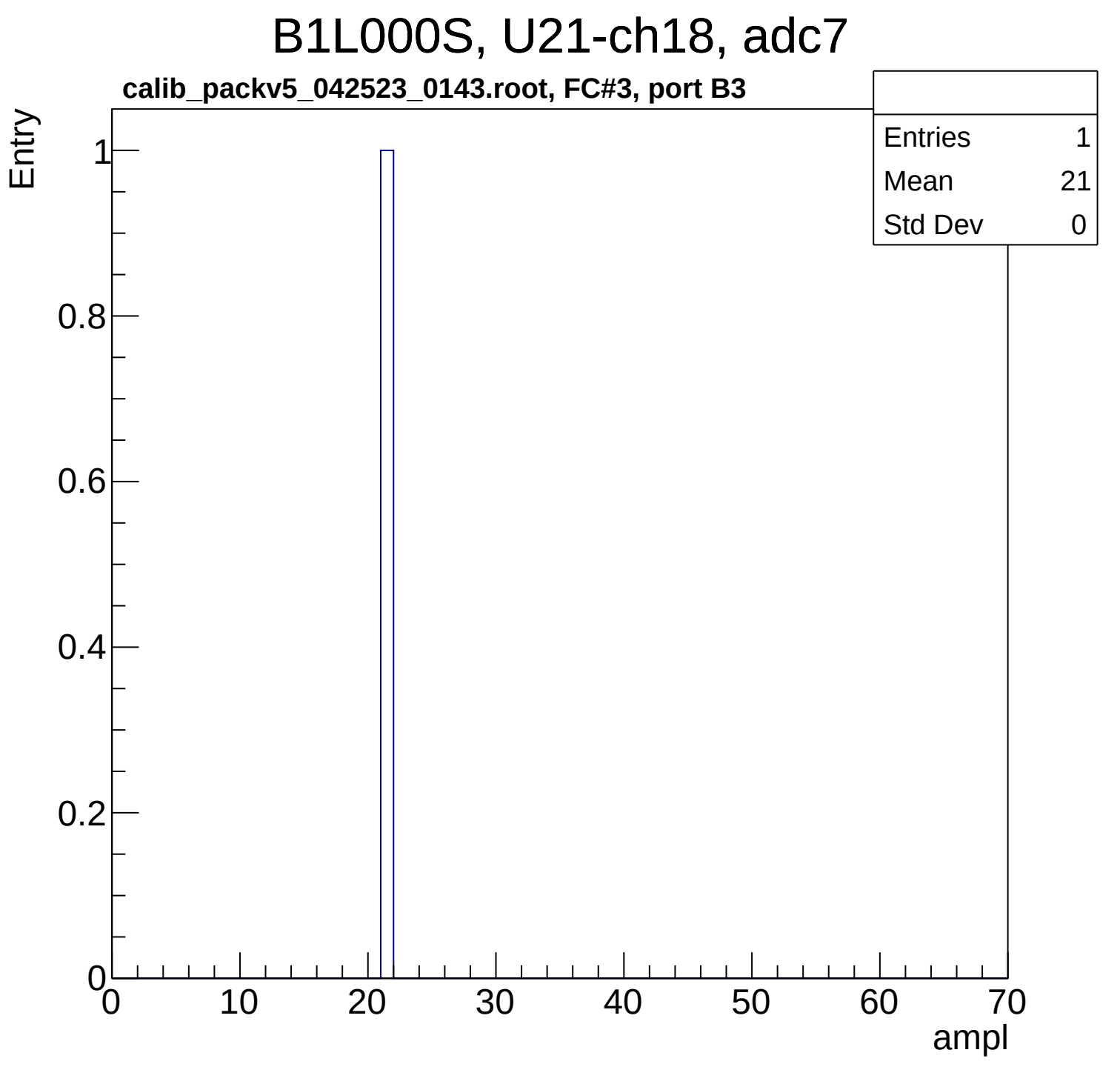

B1L000S, U21-ch18, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 41.92
Std Dev 3.09
Gaus mean : 42.8058
Gaus Width: 2.6534
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

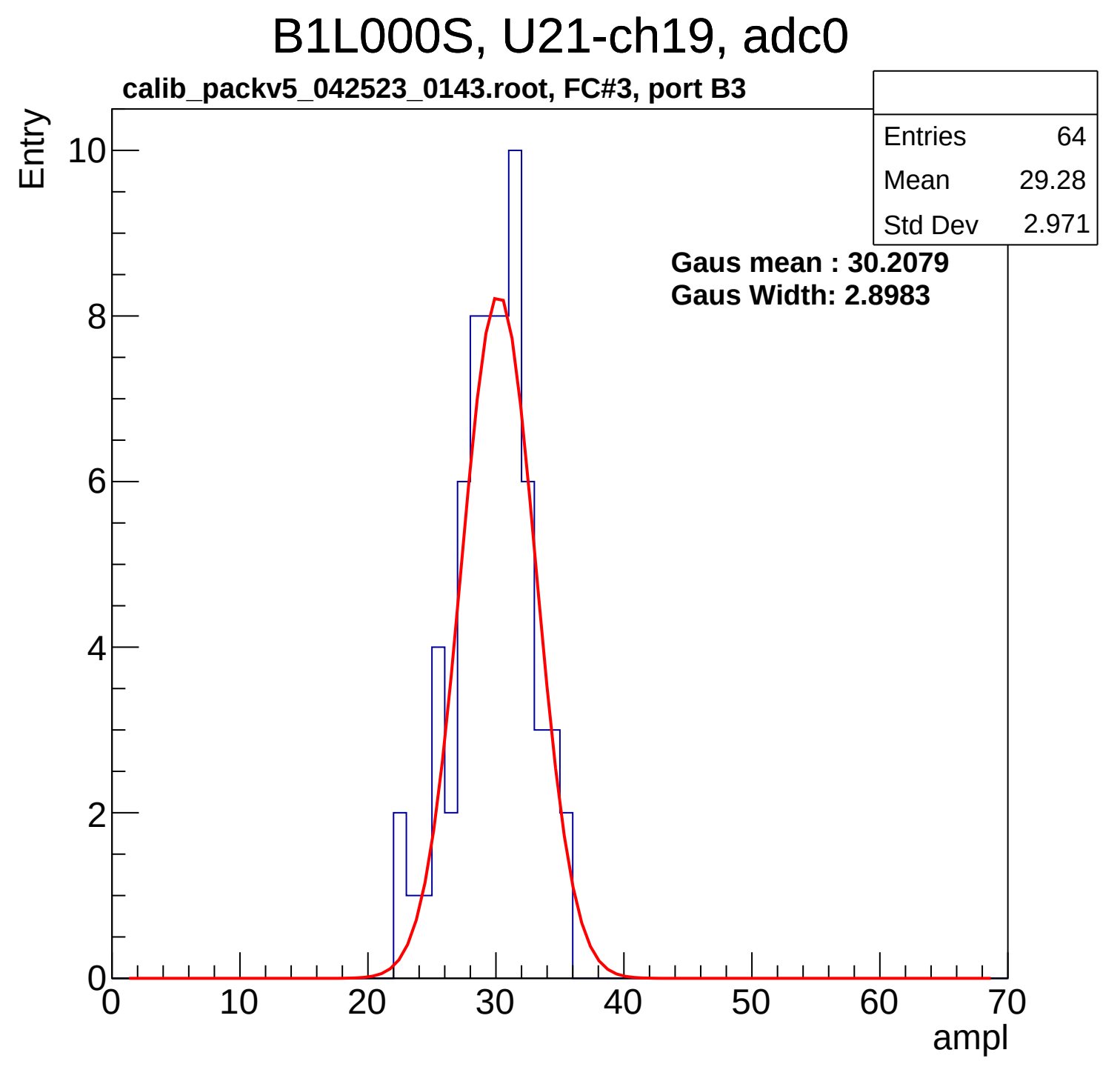

B1L000S, U21-ch18, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 48.16
Std Dev 2.899
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

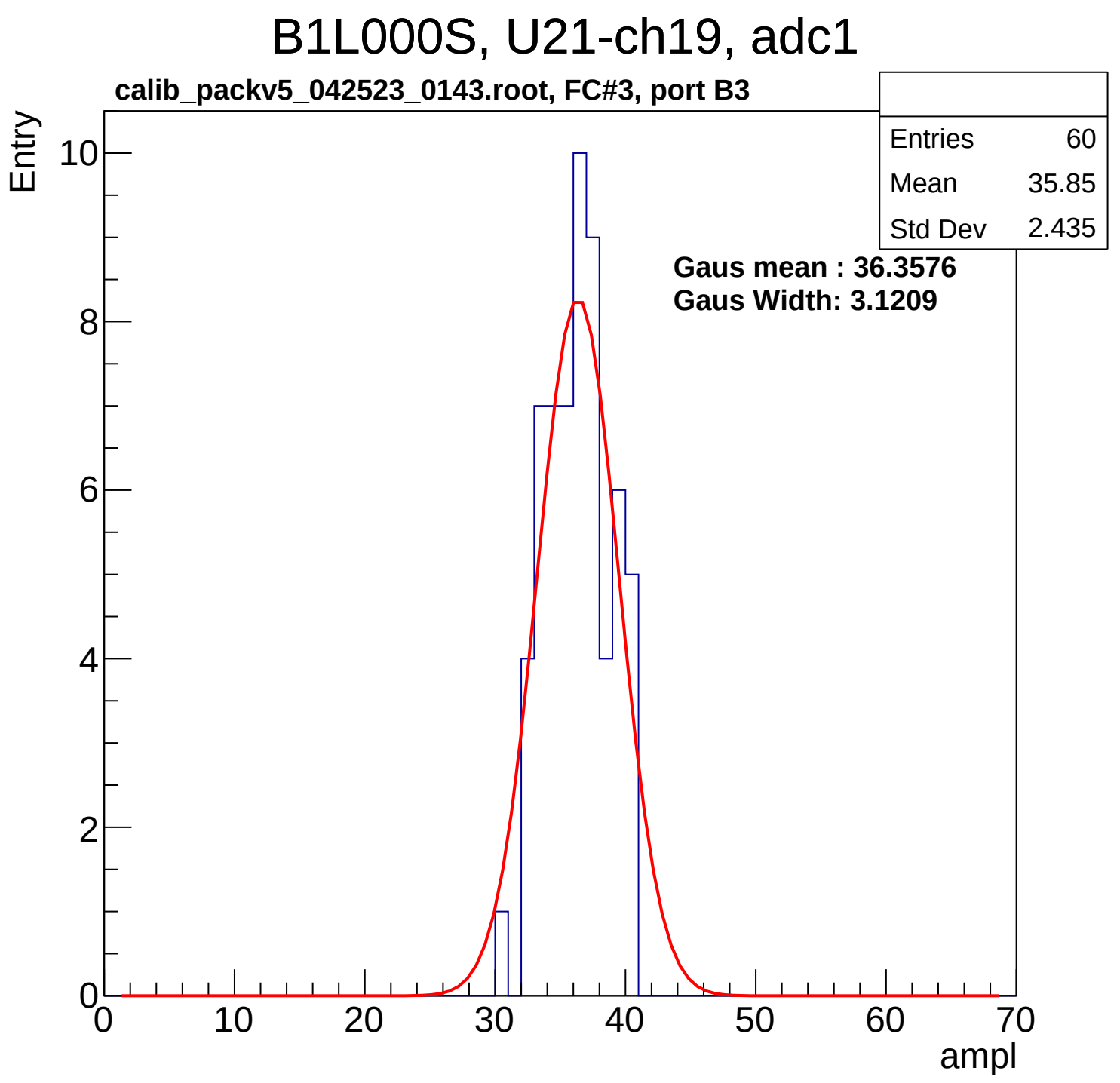

B1L000S, U21-ch18, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 53.73
Std Dev 3.036
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

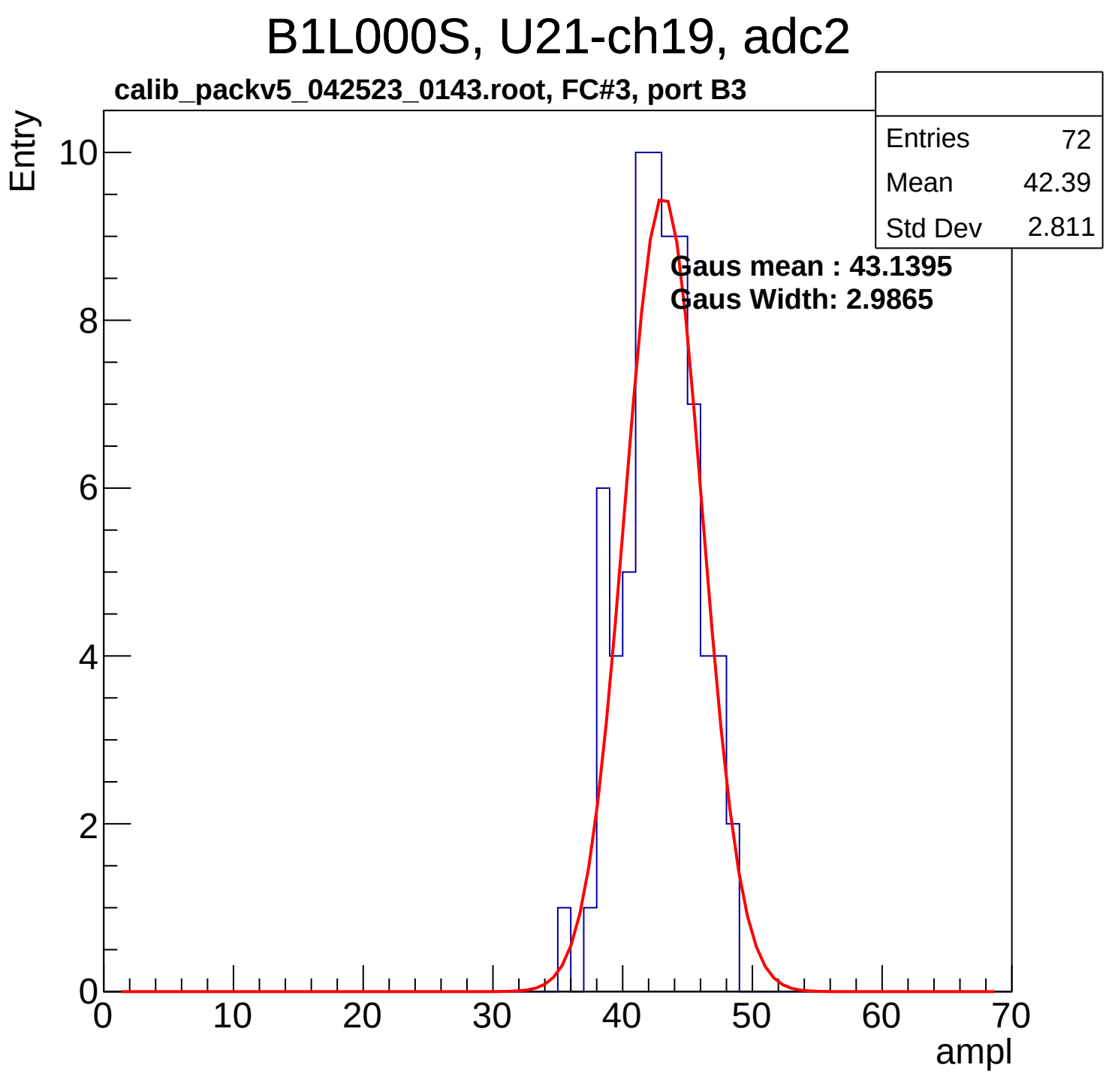

B1L000S, U21-ch18, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 57.97
Std Dev 7.894
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

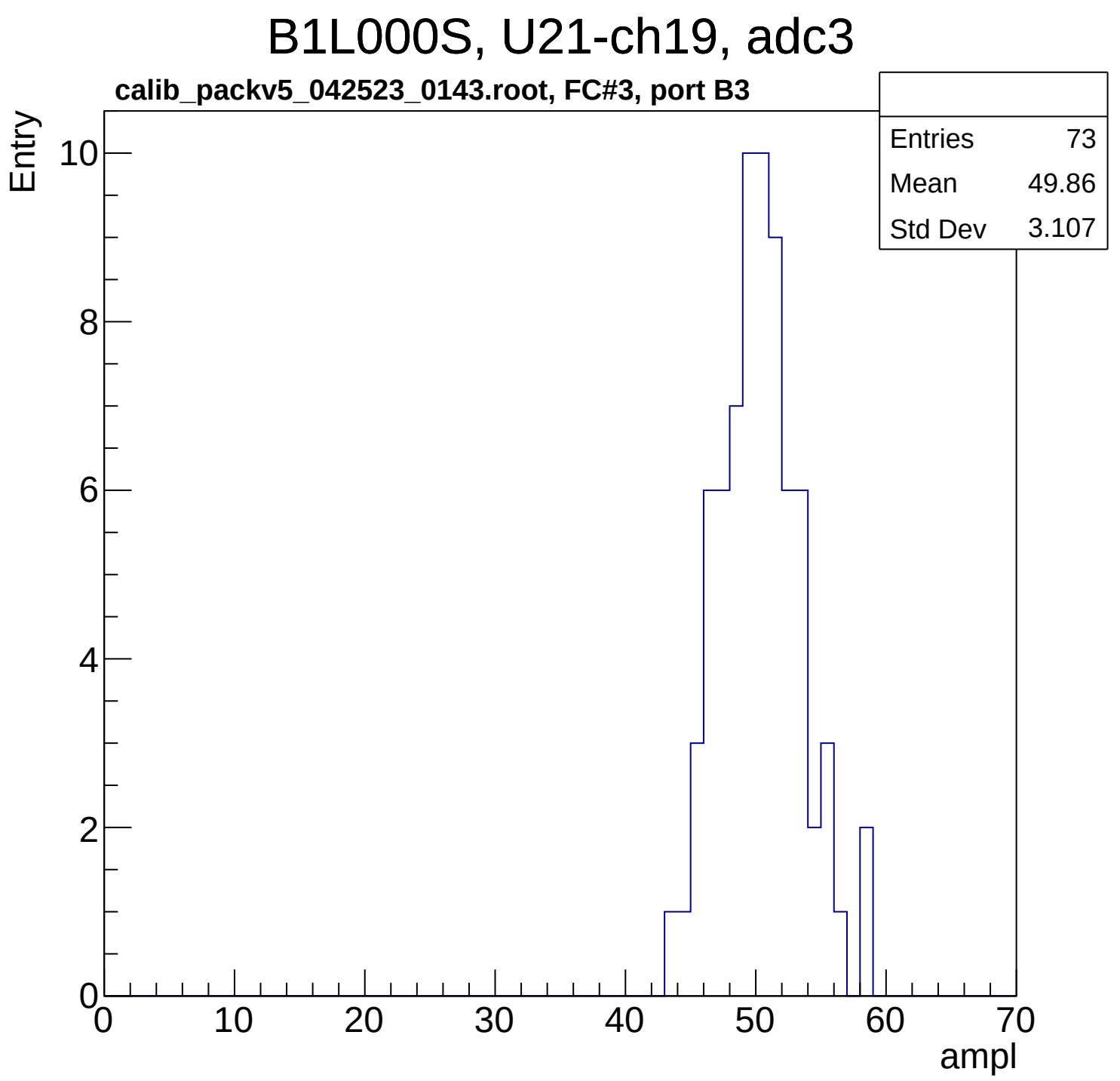

B1L000S, U21-ch18, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 61.17
Std Dev 1.863
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

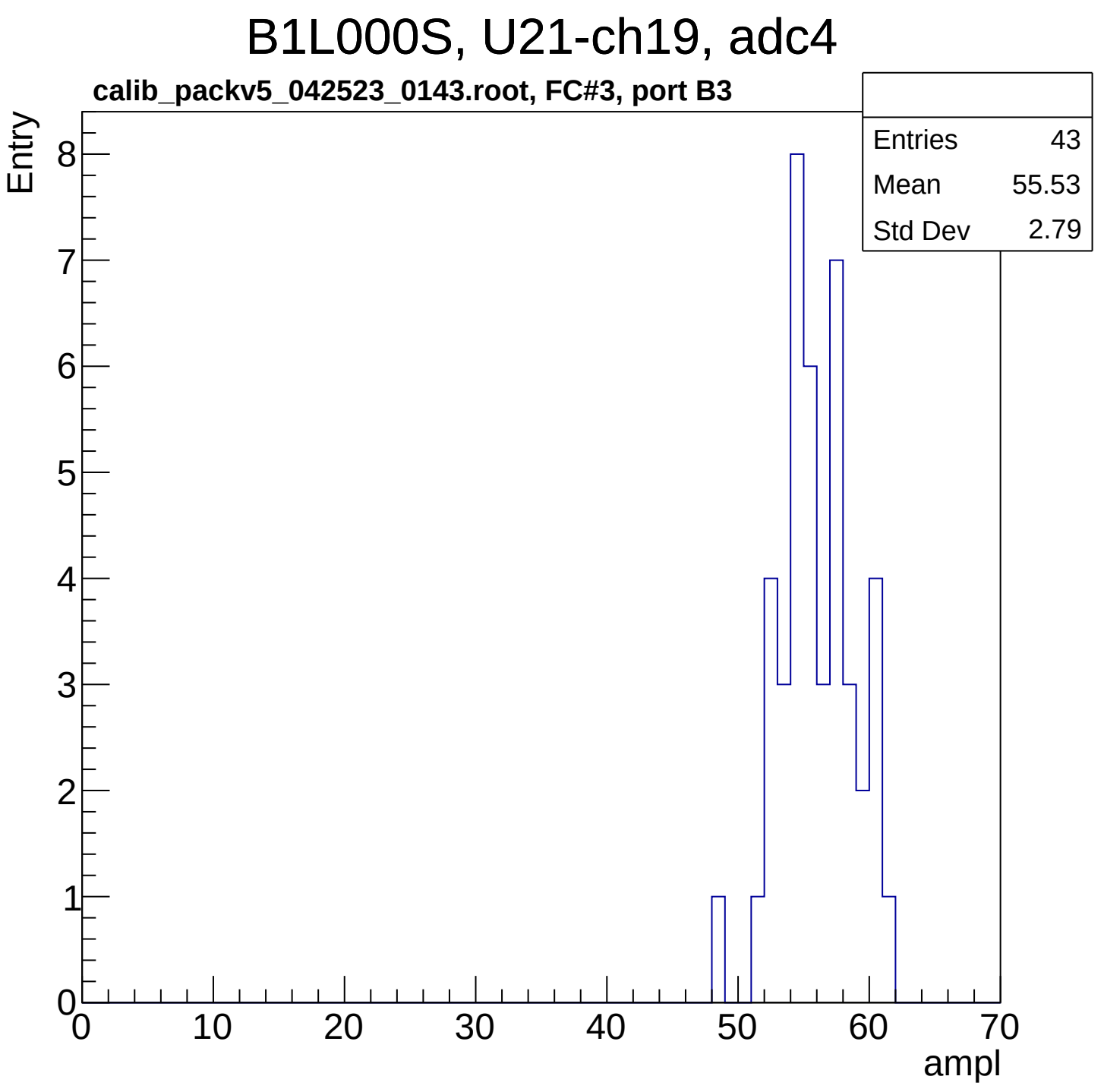

B1L000S, U21-ch18, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 21
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

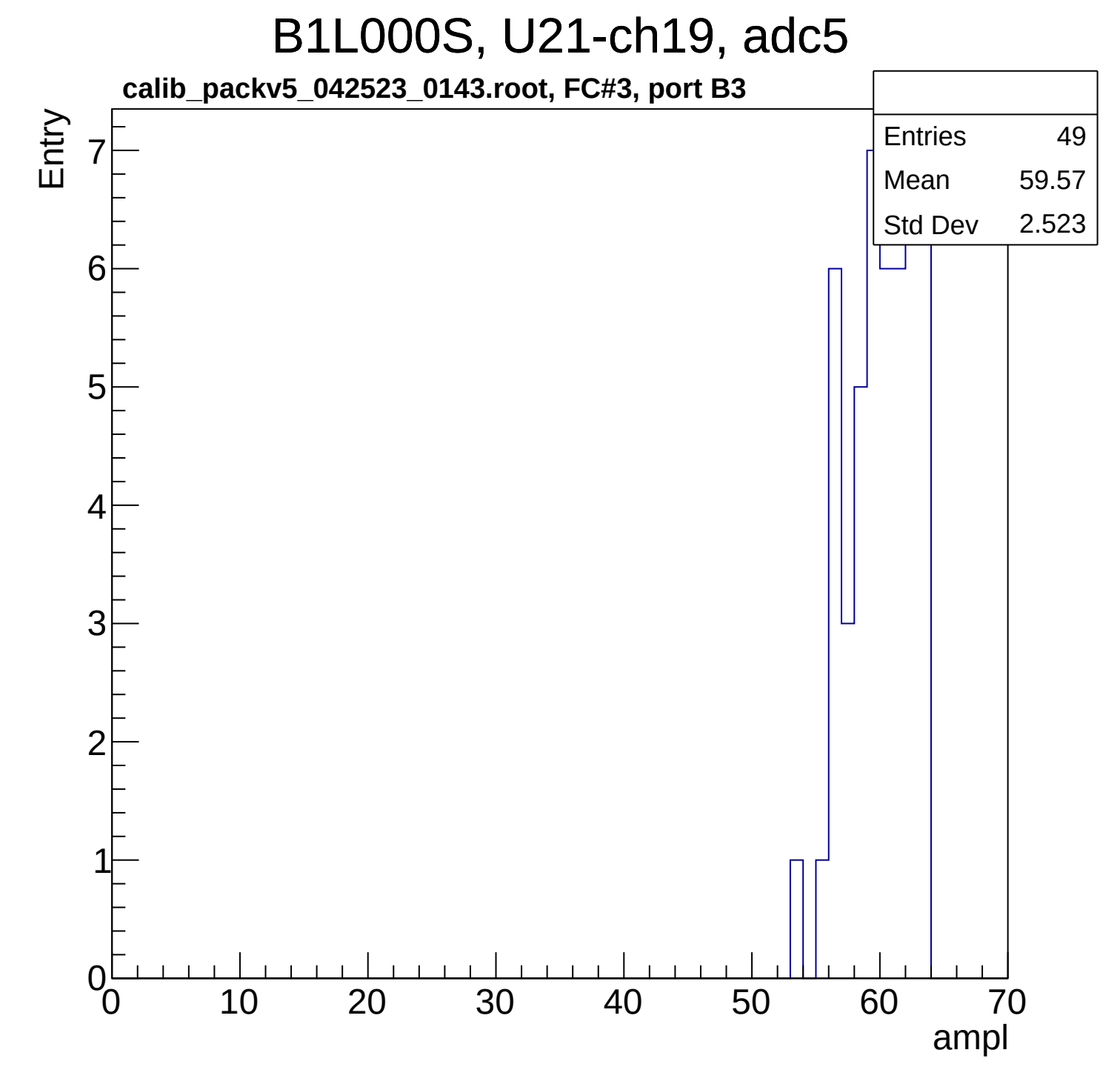

B1L000S, U21-ch19, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 29.28
Std Dev 2.971
Gaus mean : 30.2079
Gaus Width: 2.8983
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

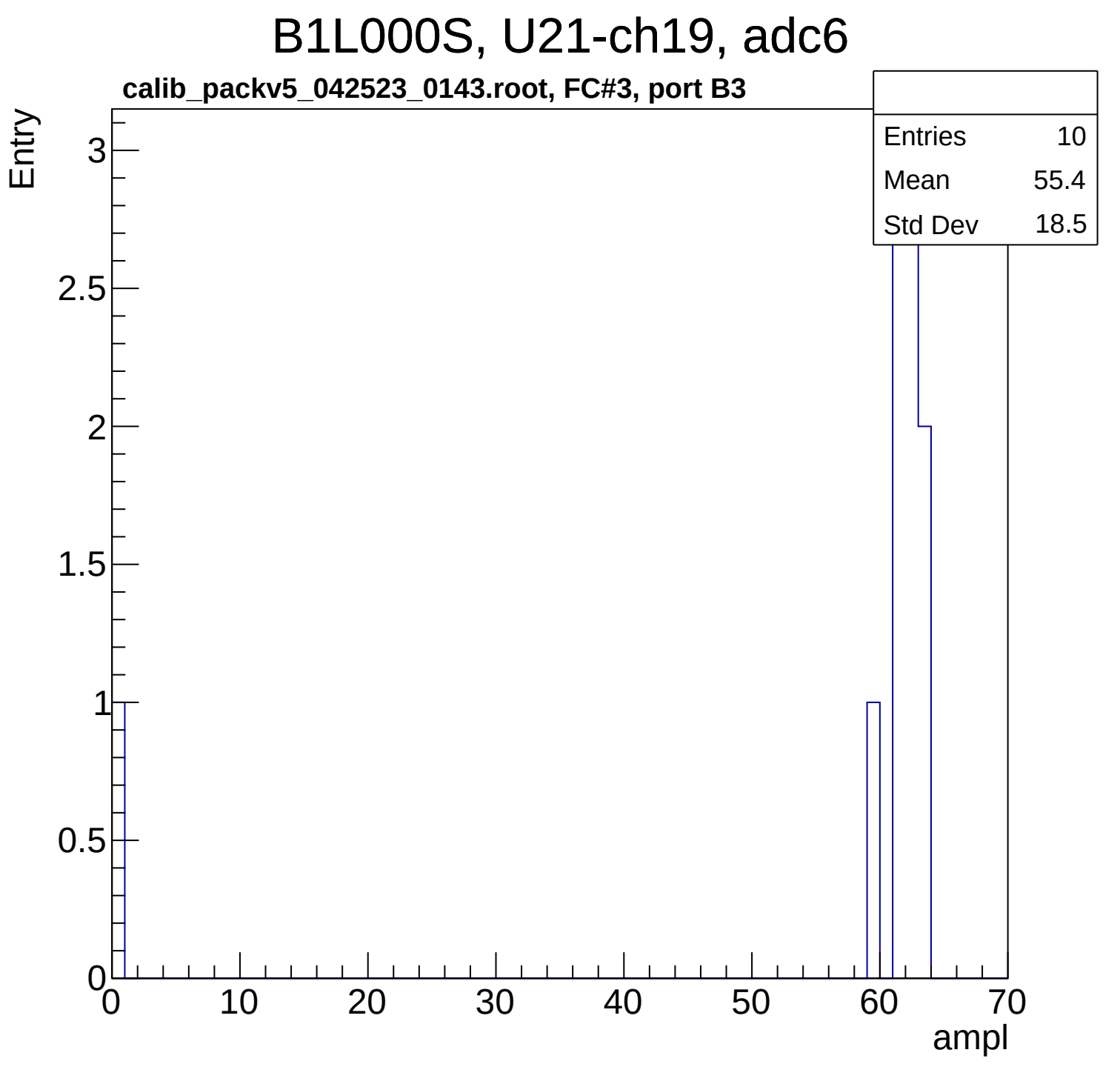

B1L000S, U21-ch19, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 35.85
Std Dev 2.435
Gaus mean : 36.3576
Gaus Width: 3.1209
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

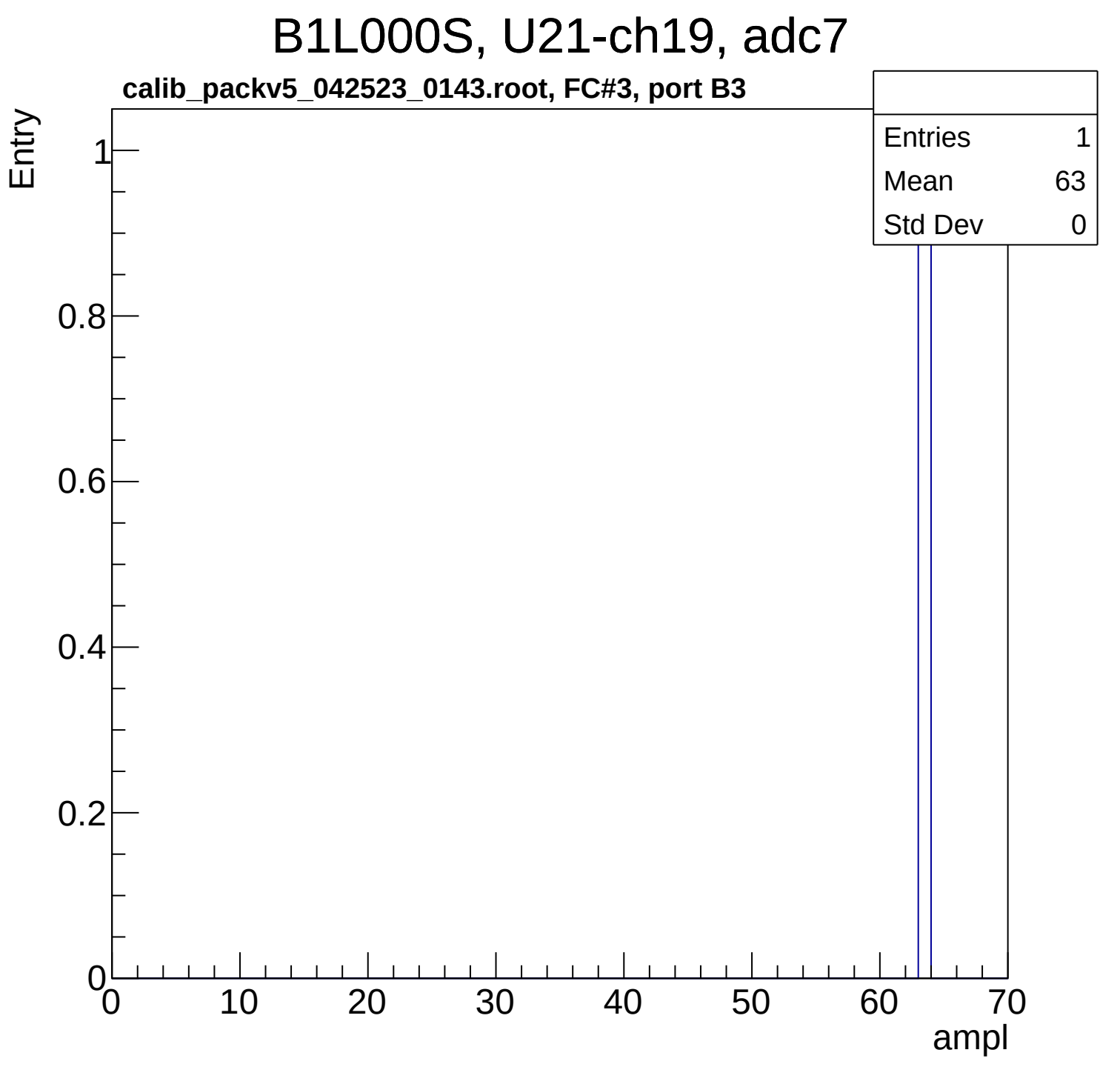

B1L000S, U21-ch19, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 42.39
Std Dev 2.811
Gaus mean : 43.1395
Gaus Width: 2.9865
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

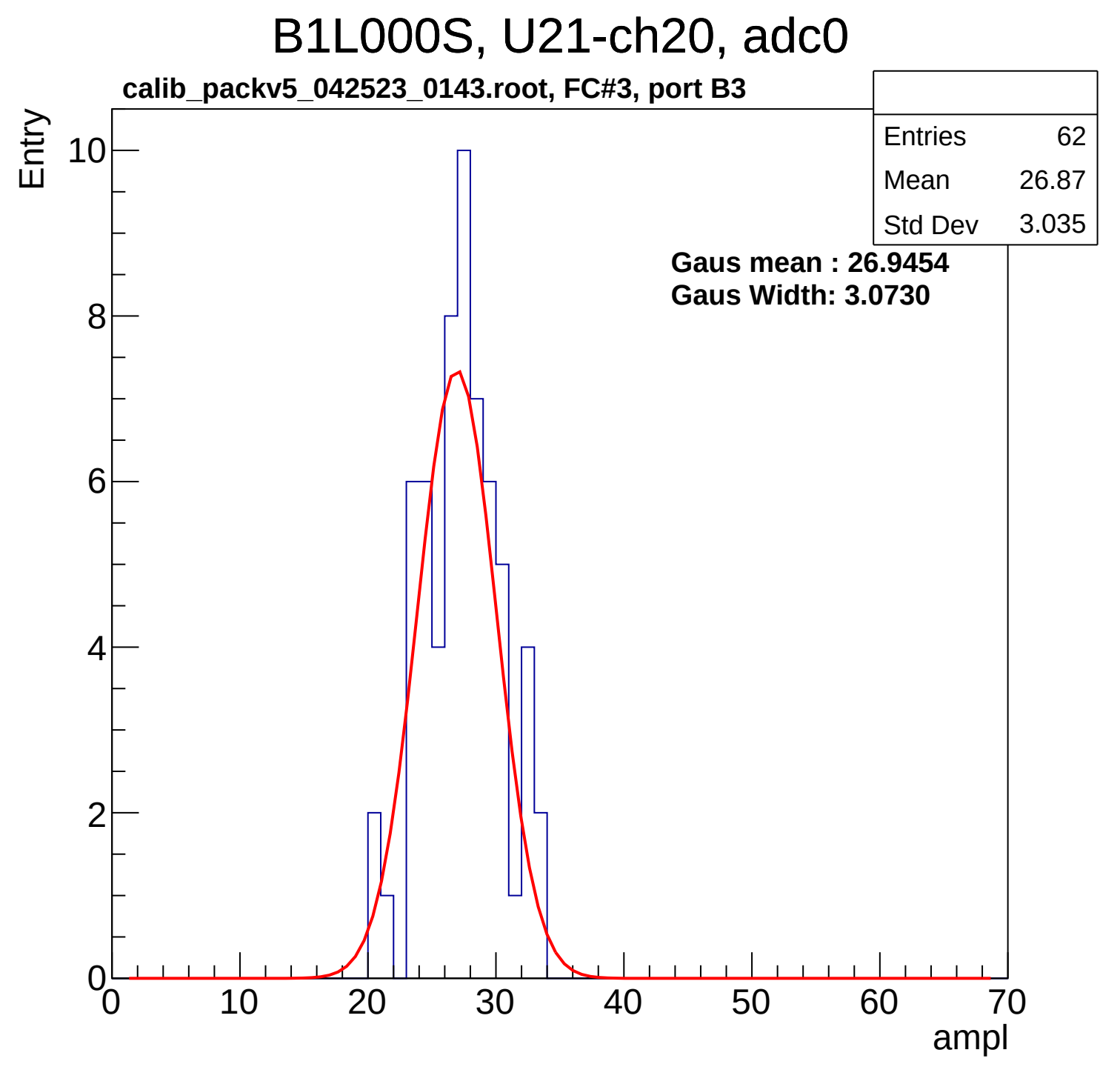

B1L000S, U21-ch19, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 49.86
Std Dev 3.107
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

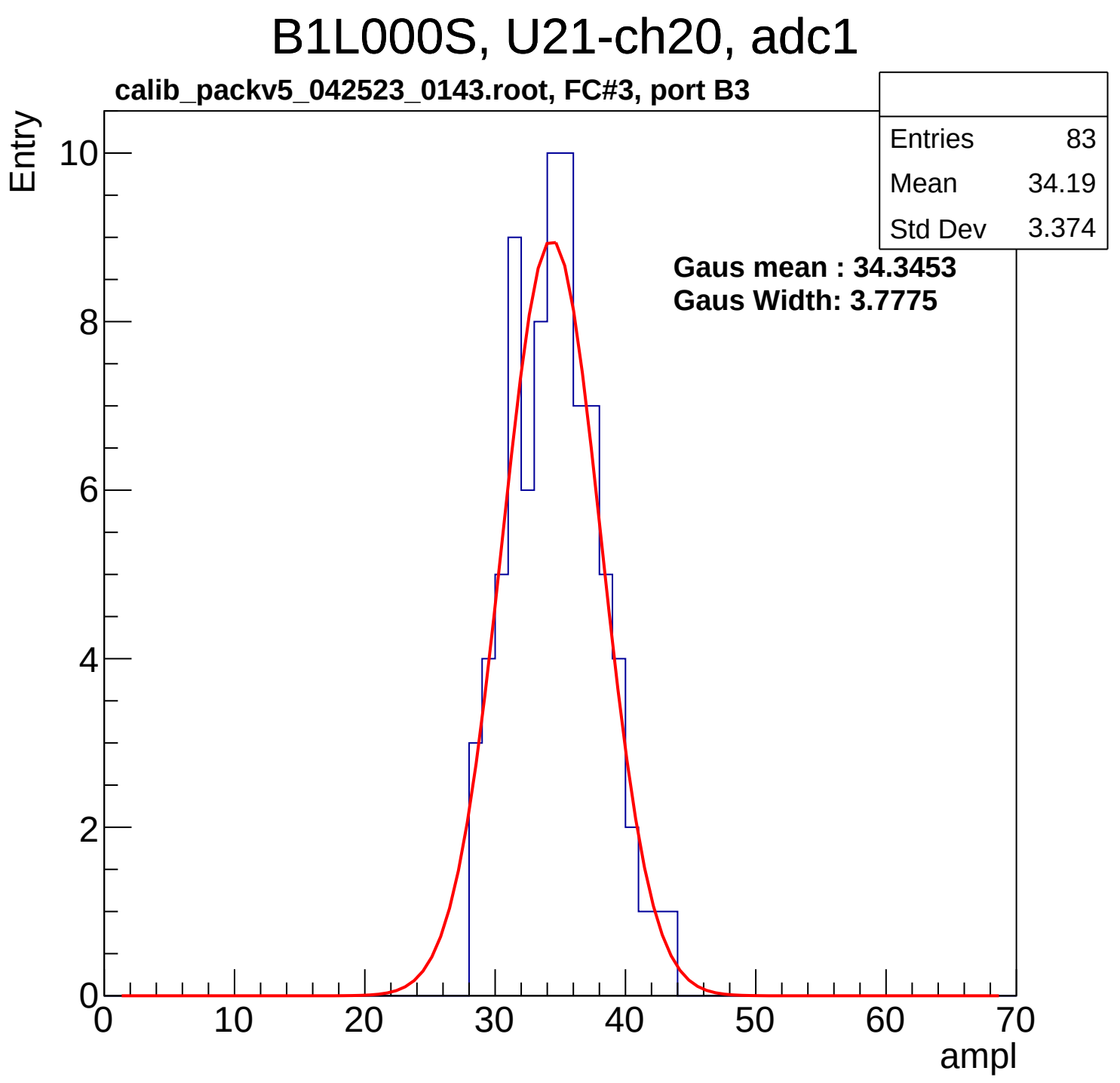

B1L000S, U21-ch19, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 55.53
Std Dev 2.79
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

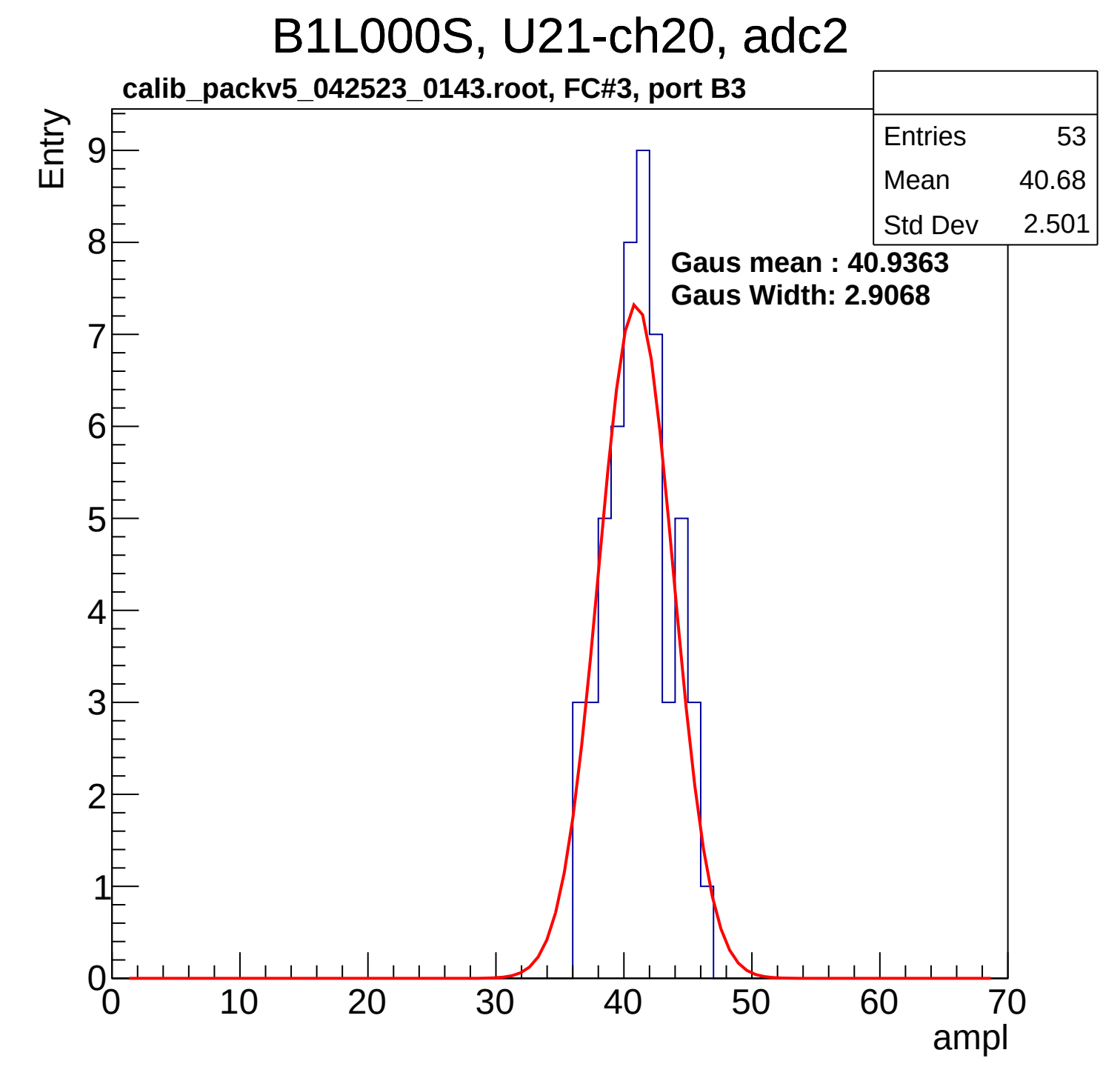

B1L000S, U21-ch19, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 59.57
Std Dev 2.523
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

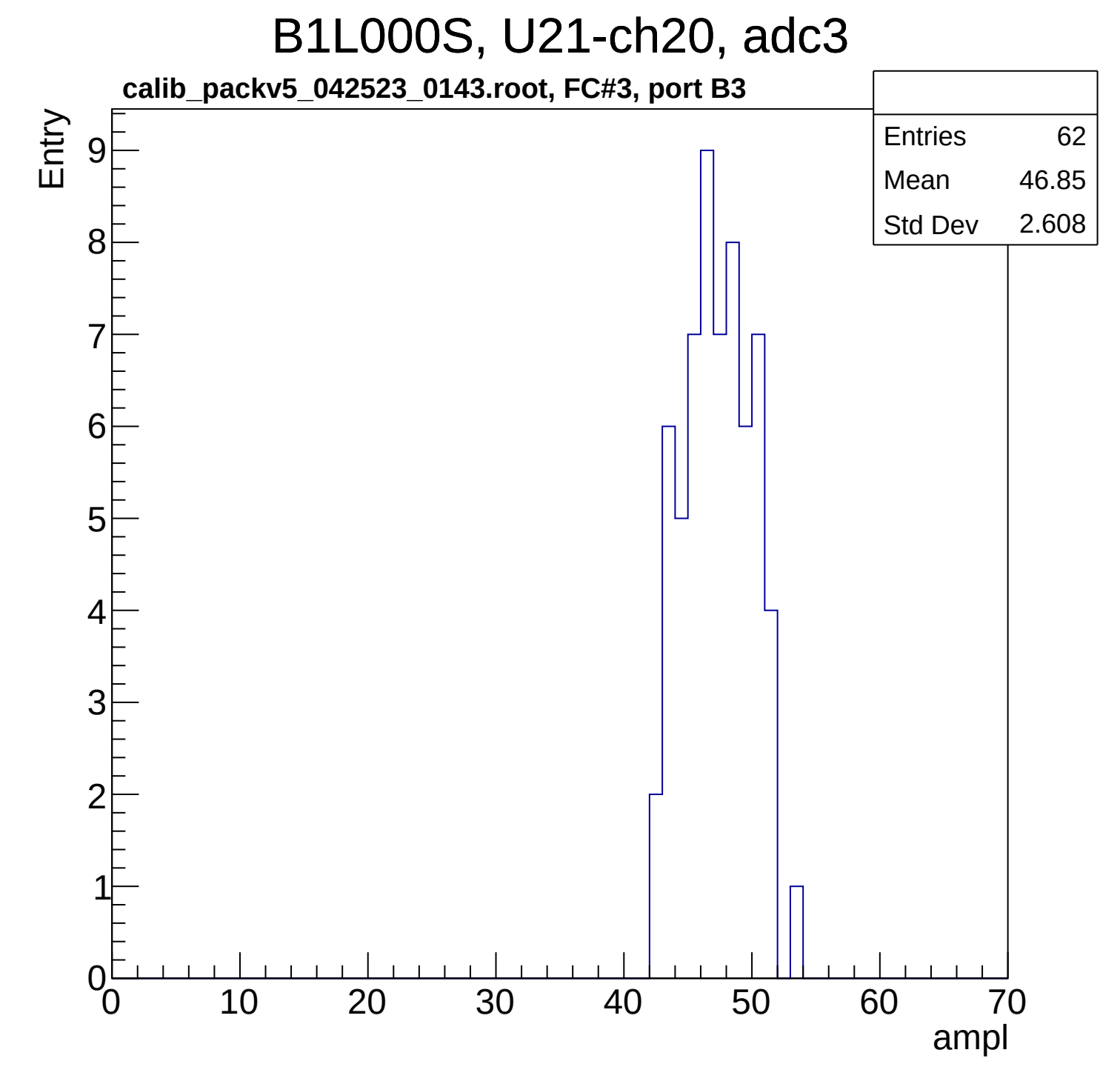

B1L000S, U21-ch19, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 10
Mean 55.4
Std Dev 18.5
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

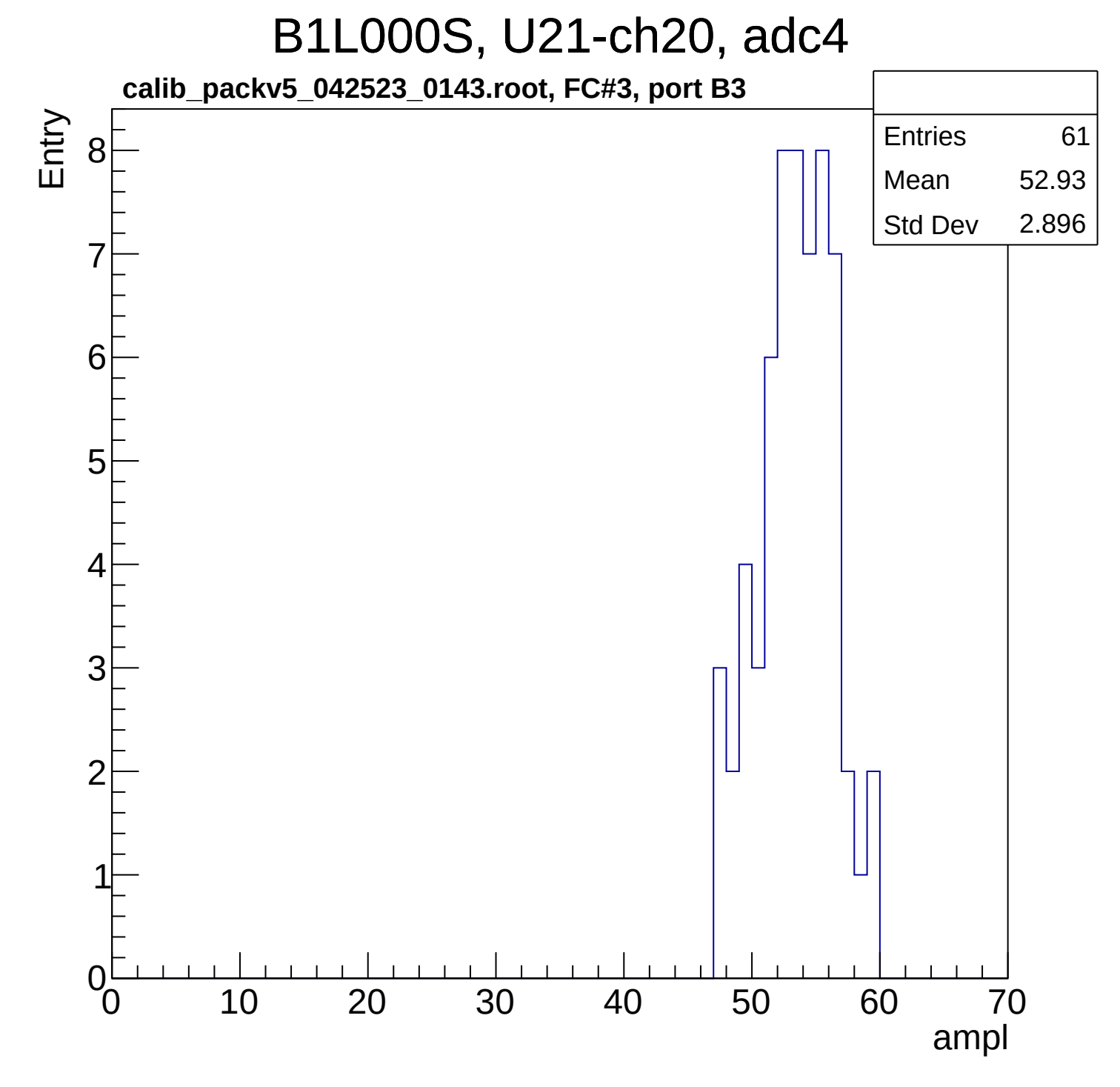

B1L000S, U21-ch19, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

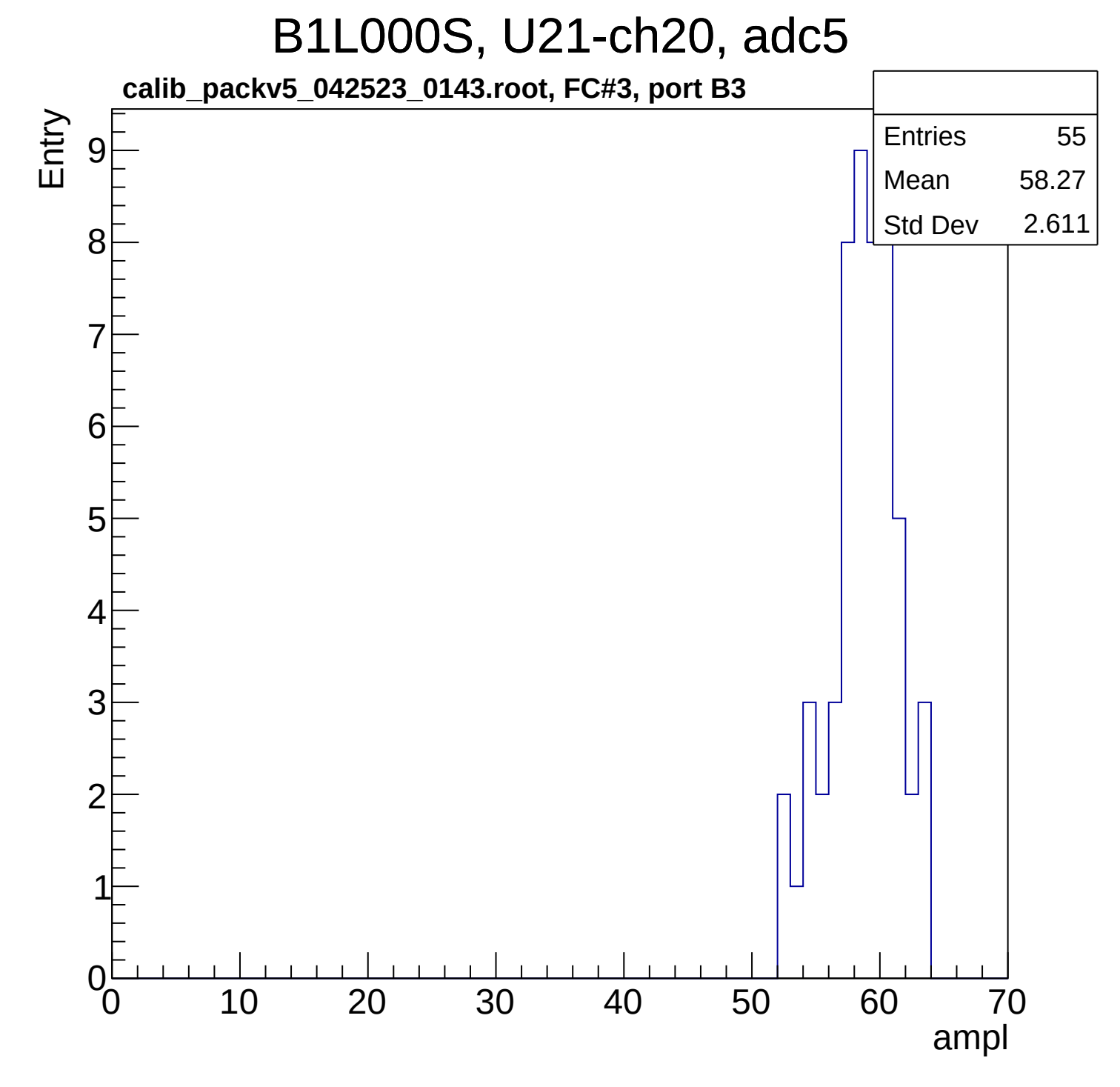

B1L000S, U21-ch20, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 26.87
Std Dev 3.035
Gaus mean : 26.9454
Gaus Width: 3.0730
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

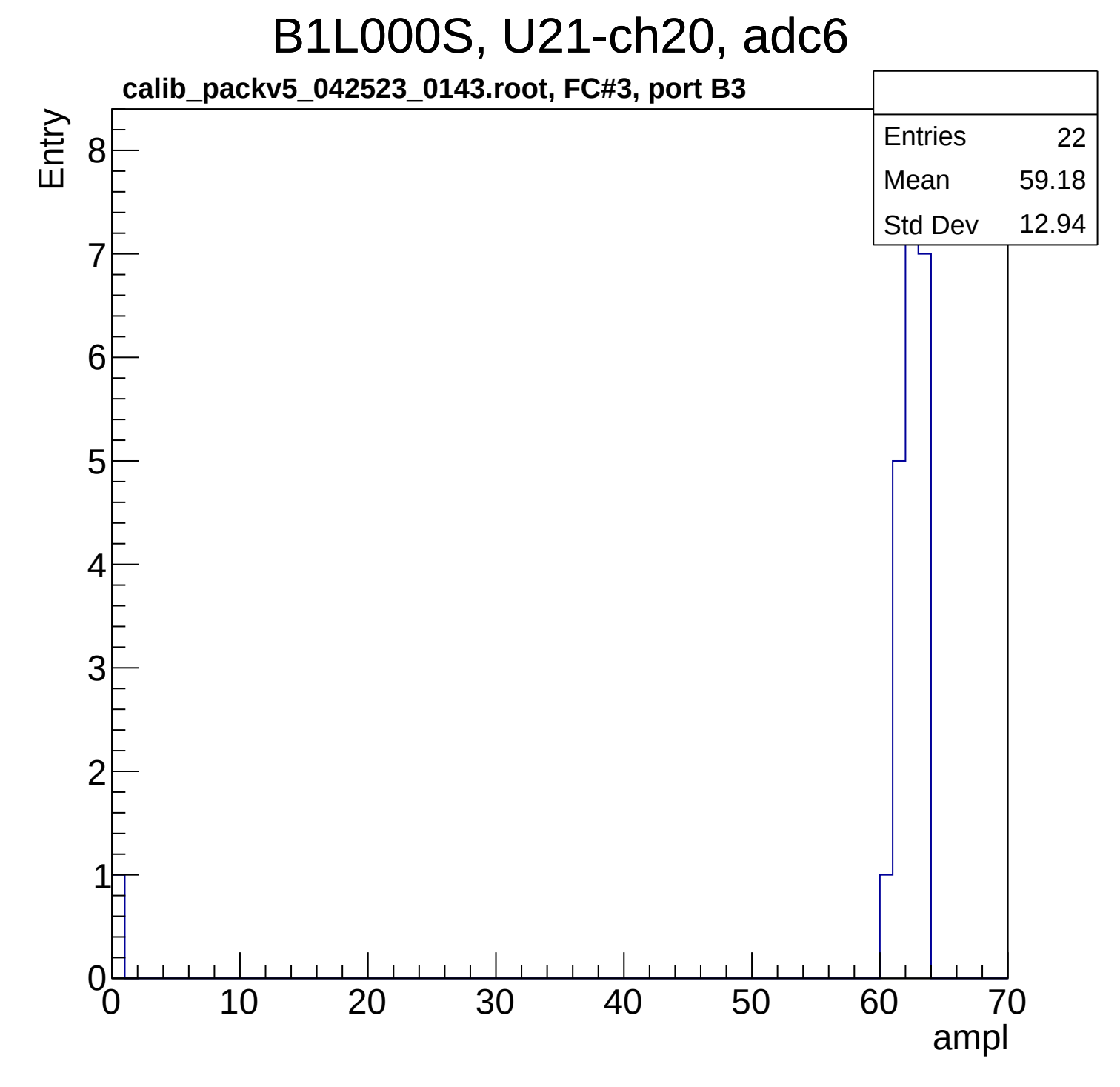

B1L000S, U21-ch20, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 83
Mean 34.19
Std Dev 3.374
Gaus mean : 34.3453
Gaus Width: 3.7775
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

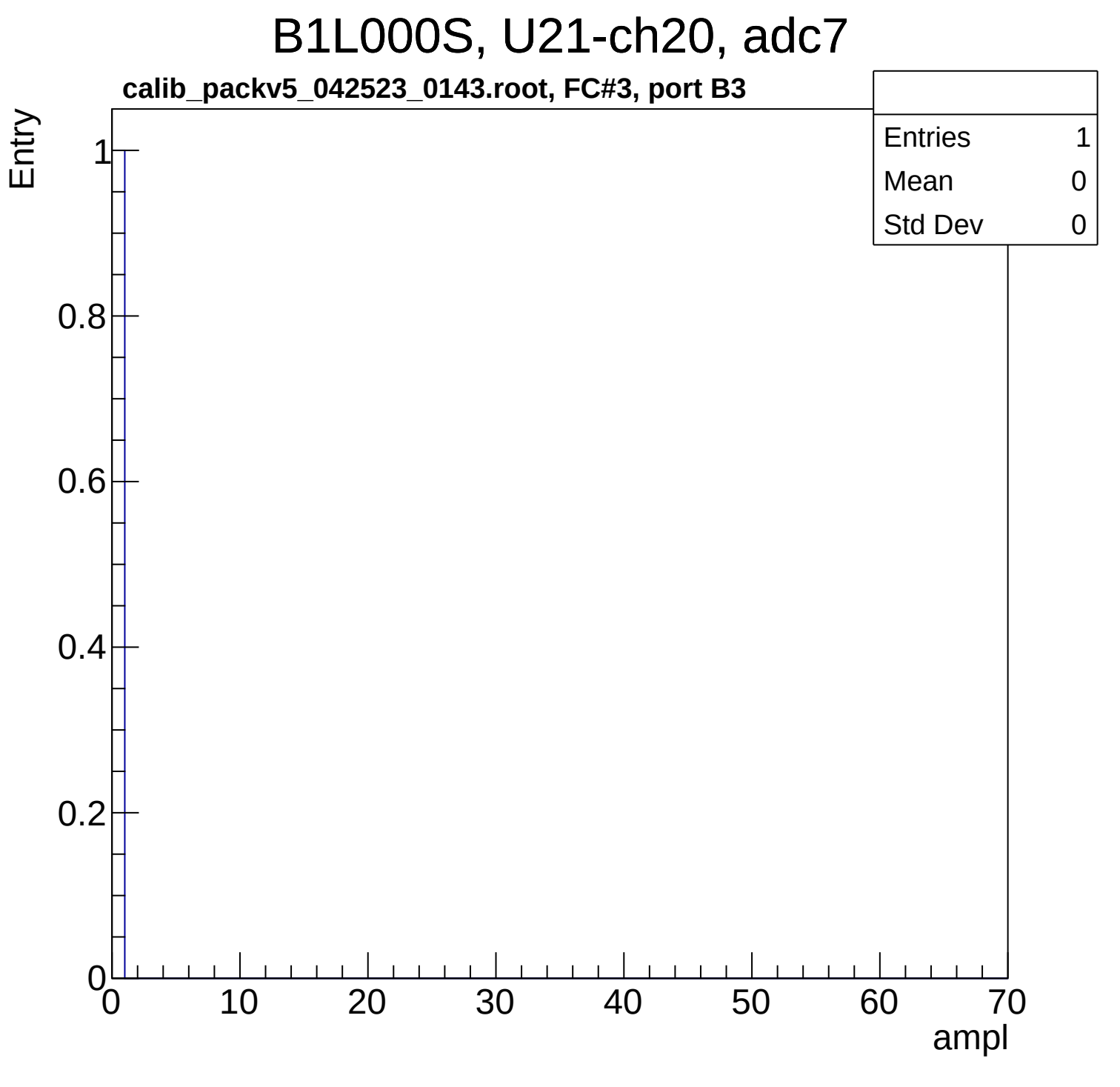

B1L000S, U21-ch20, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 40.68
Std Dev 2.501
Gaus mean : 40.9363
Gaus Width: 2.9068
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

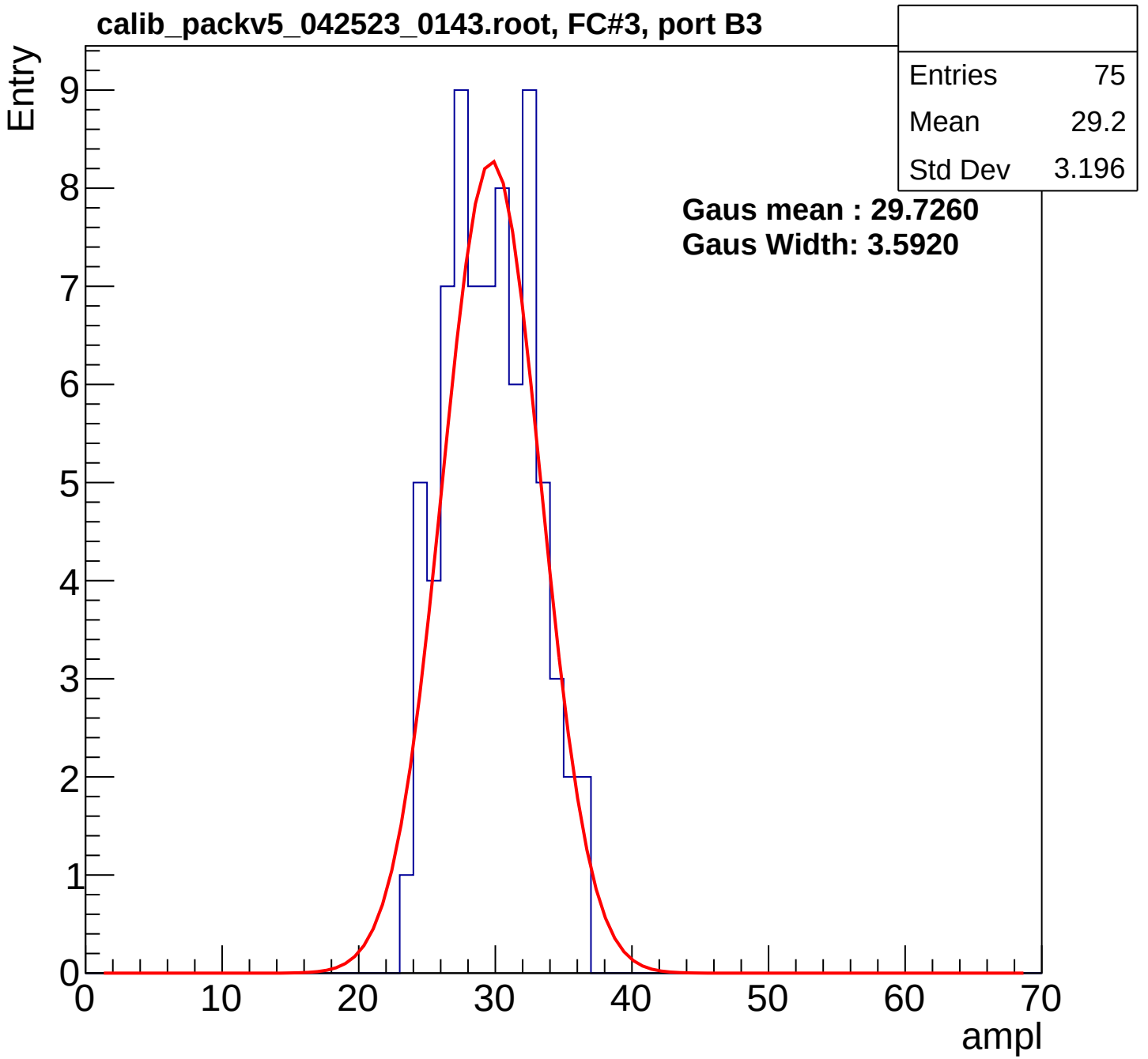

B1L000S, U21-ch20, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 46.85
Std Dev 2.608
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

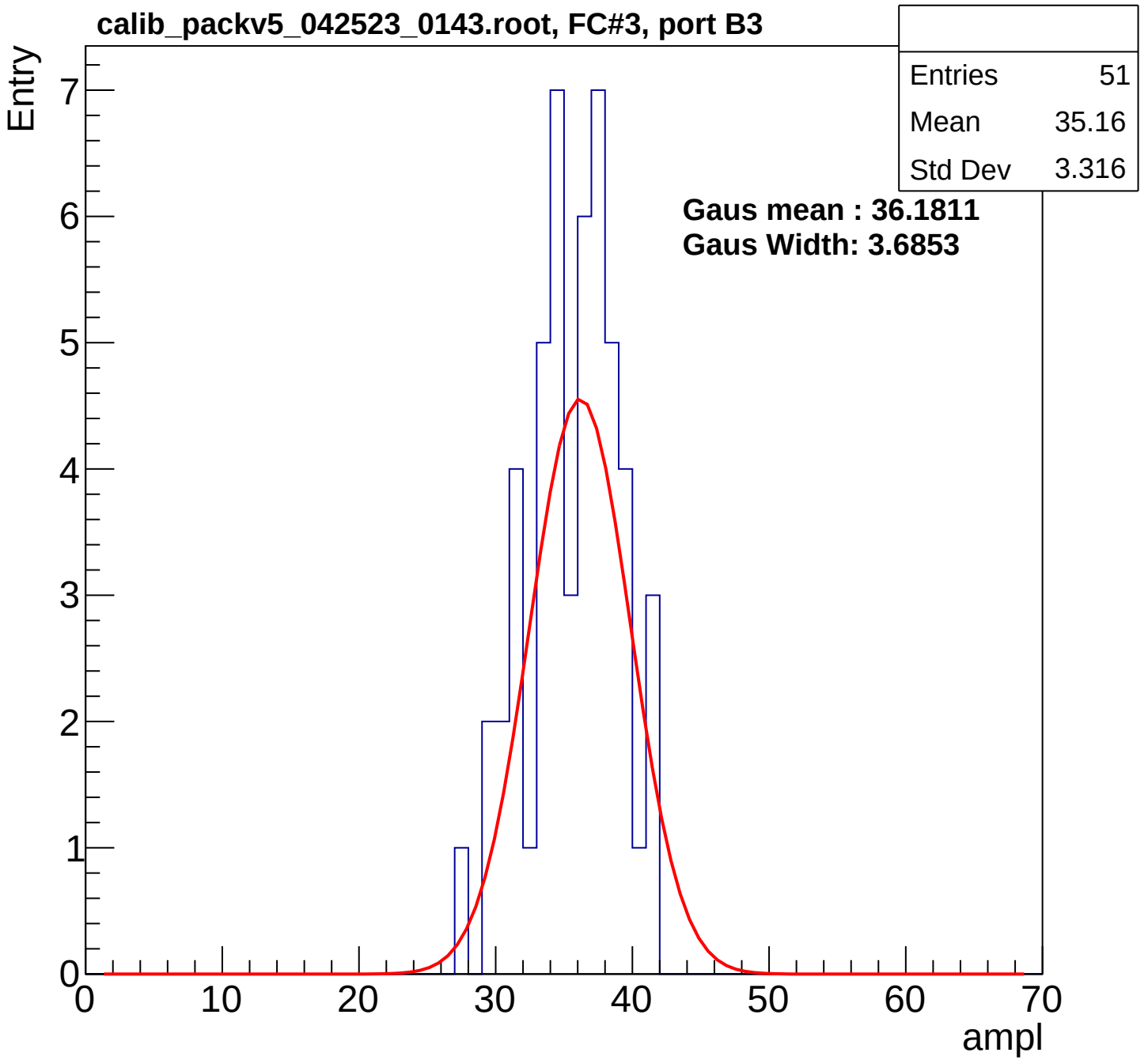

B1L000S, U21-ch20, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 52.93
Std Dev 2.896
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

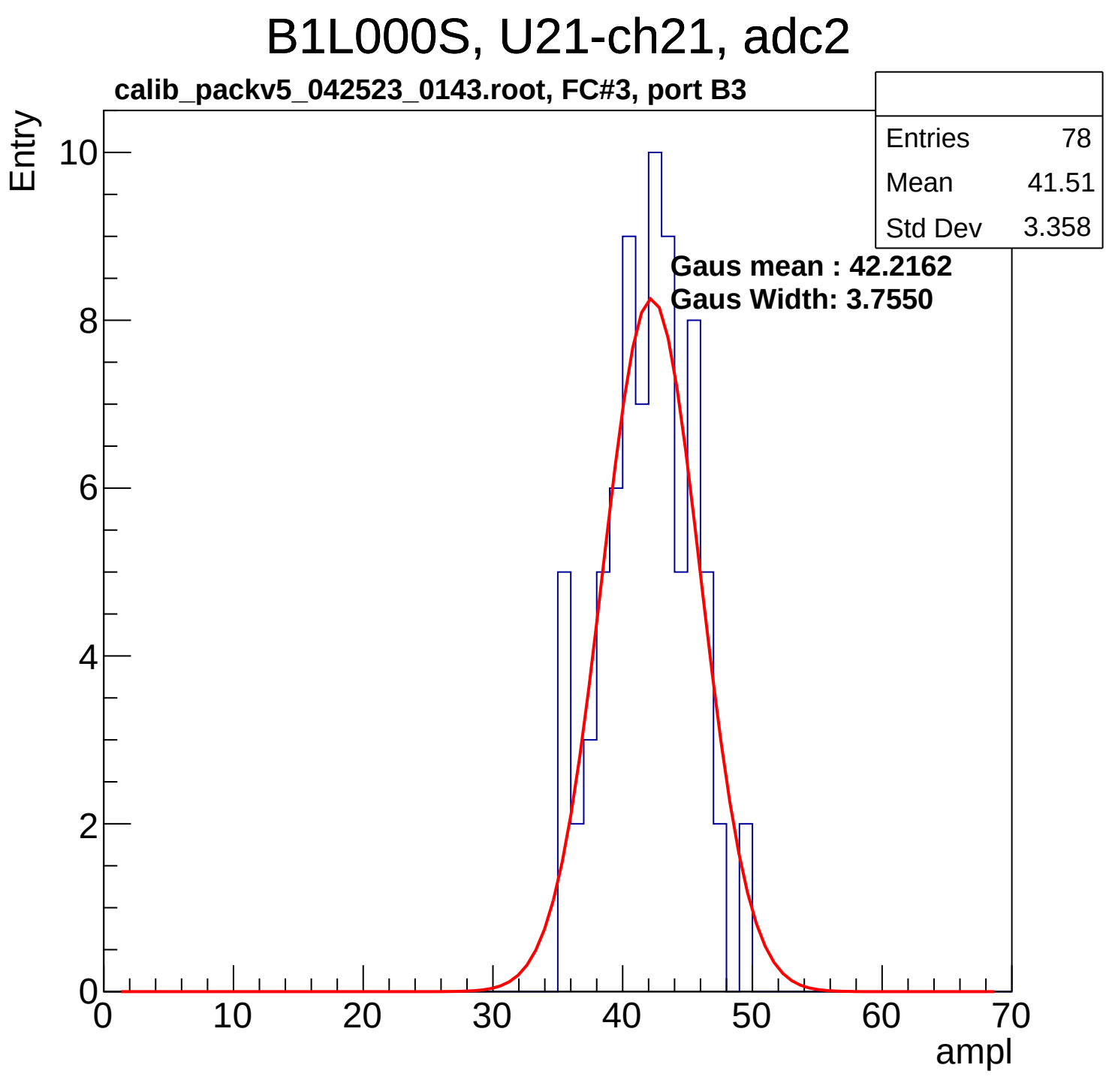

B1L000S, U21-ch20, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 58.27
Std Dev 2.611
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

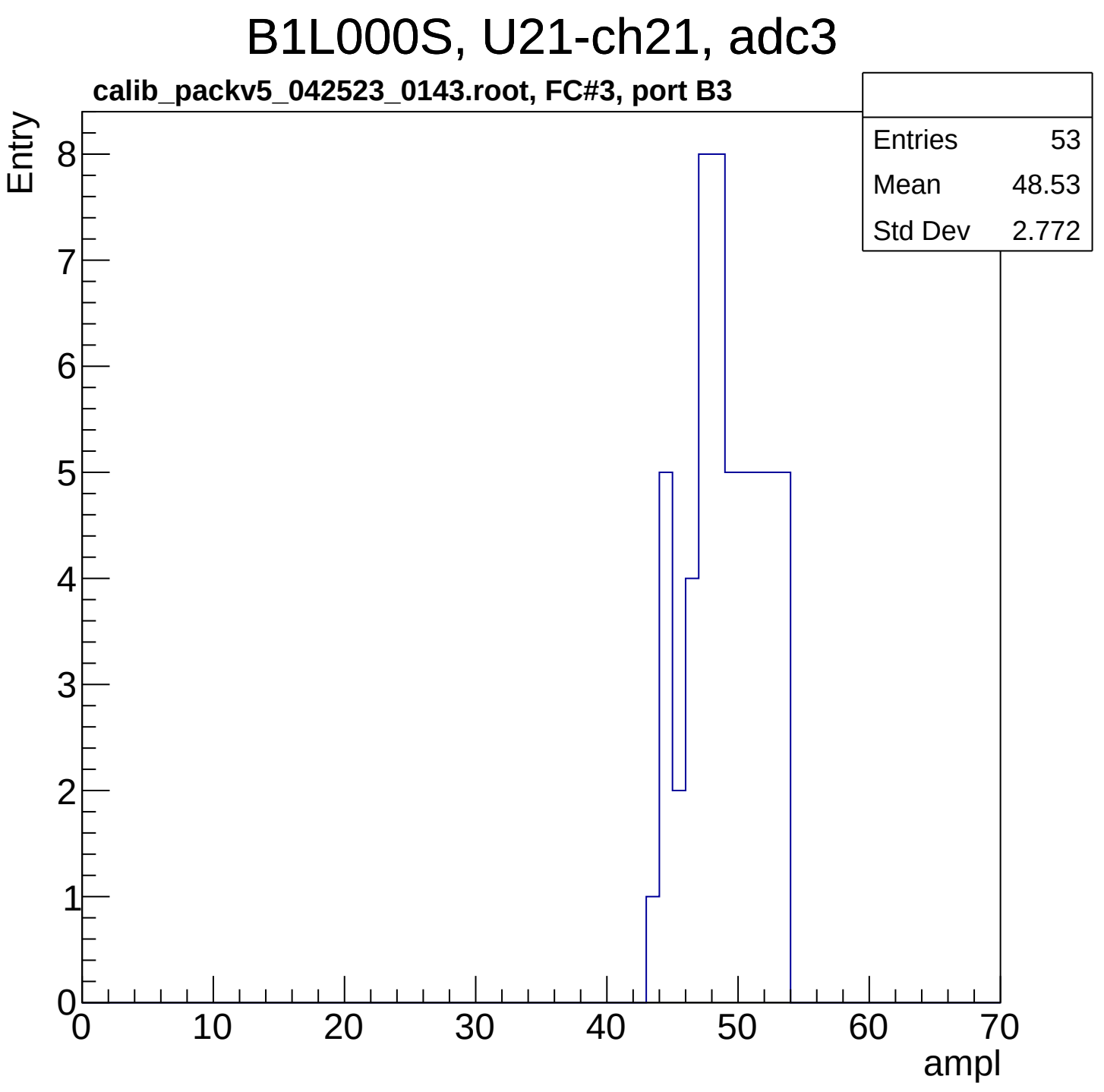

B1L000S, U21-ch20, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 22
Mean 59.18
Std Dev 12.94
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

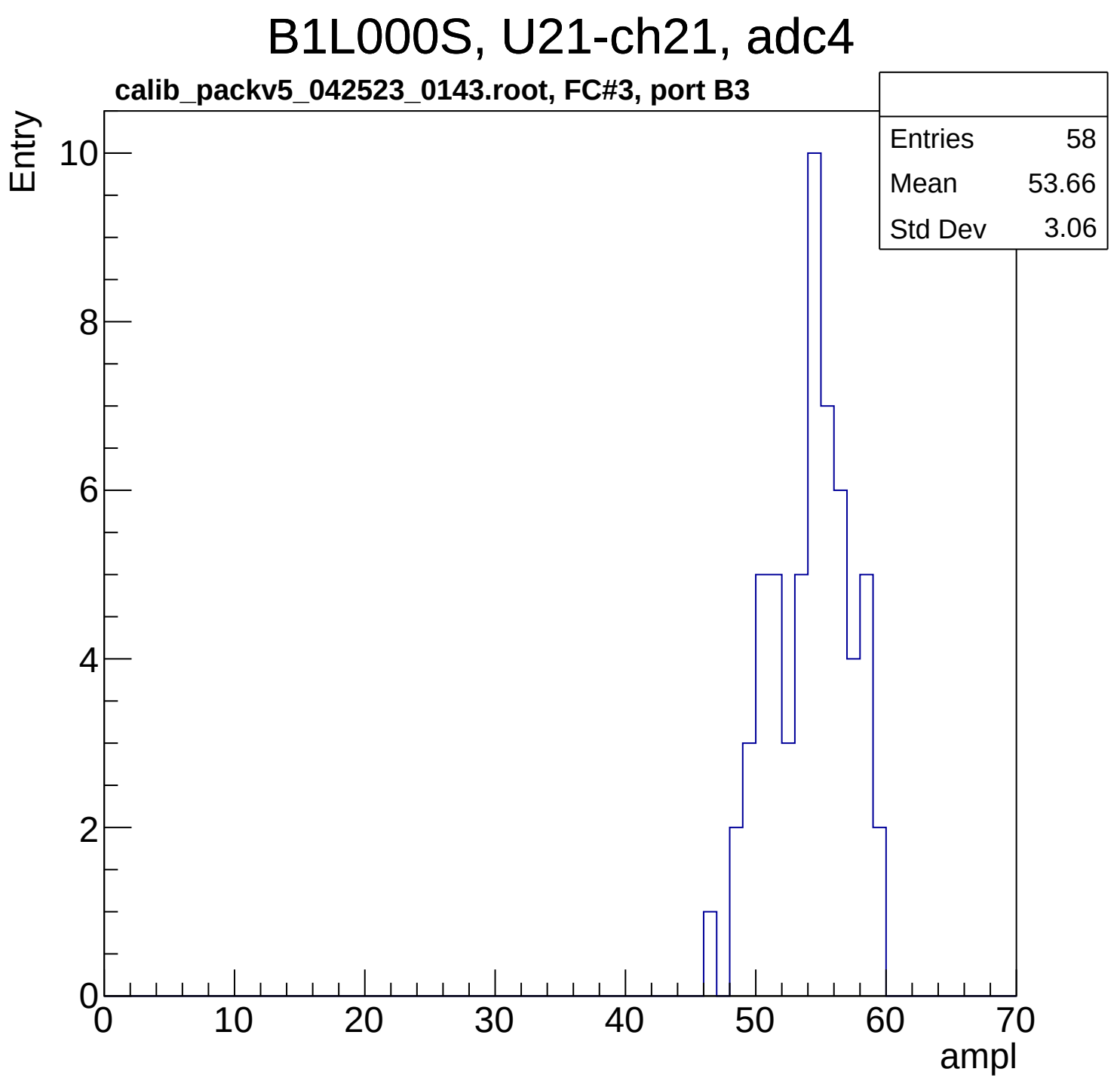

B1L000S, U21-ch20, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

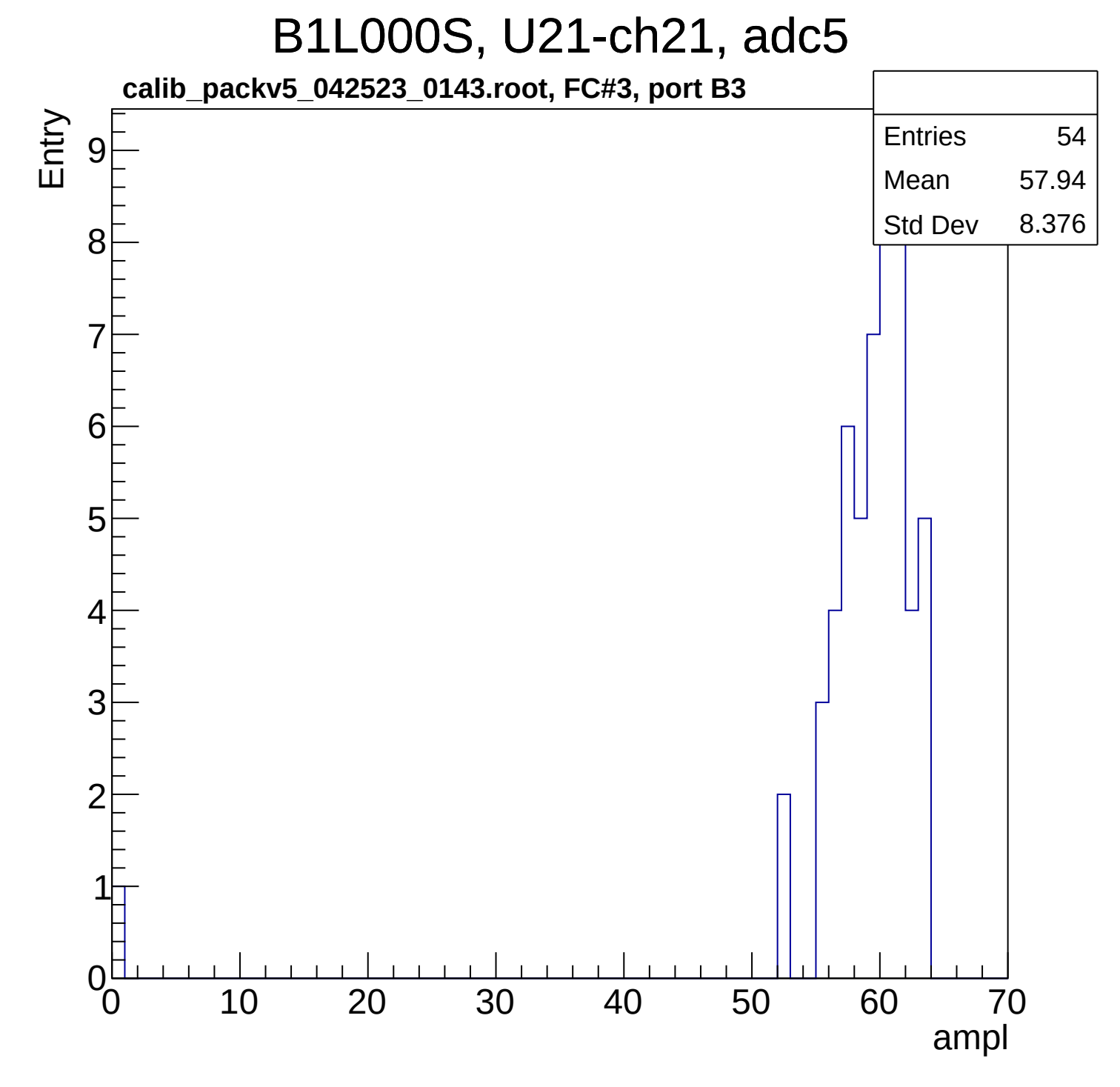

B1L000S, U21-ch21, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 29.2
Std Dev 3.196
Gaus mean : 29.7260
Gaus Width: 3.5920
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

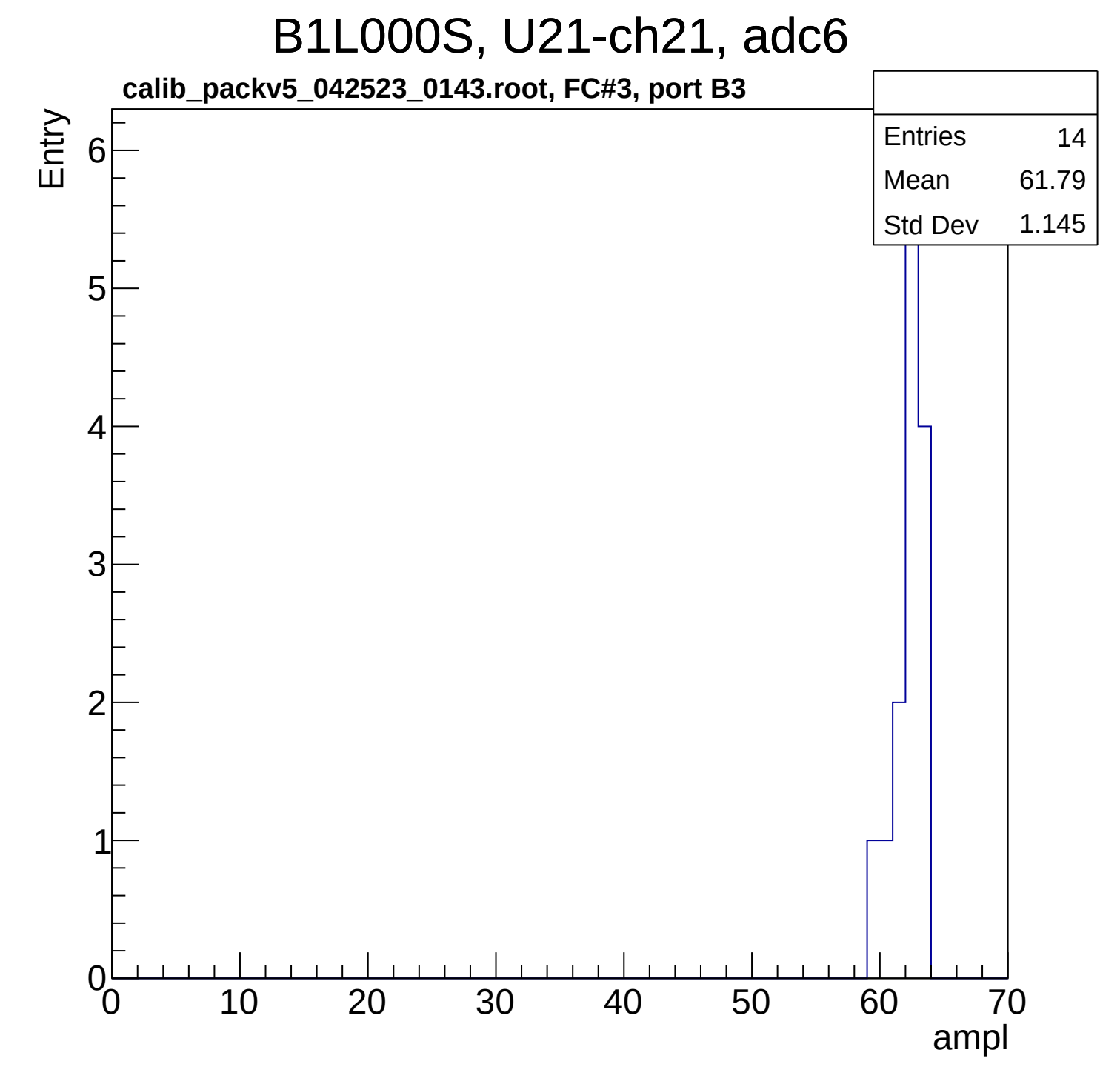

B1L000S, U21-ch21, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 35.16
Std Dev 3.316
Gaus mean : 36.1811
Gaus Width: 3.6853
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

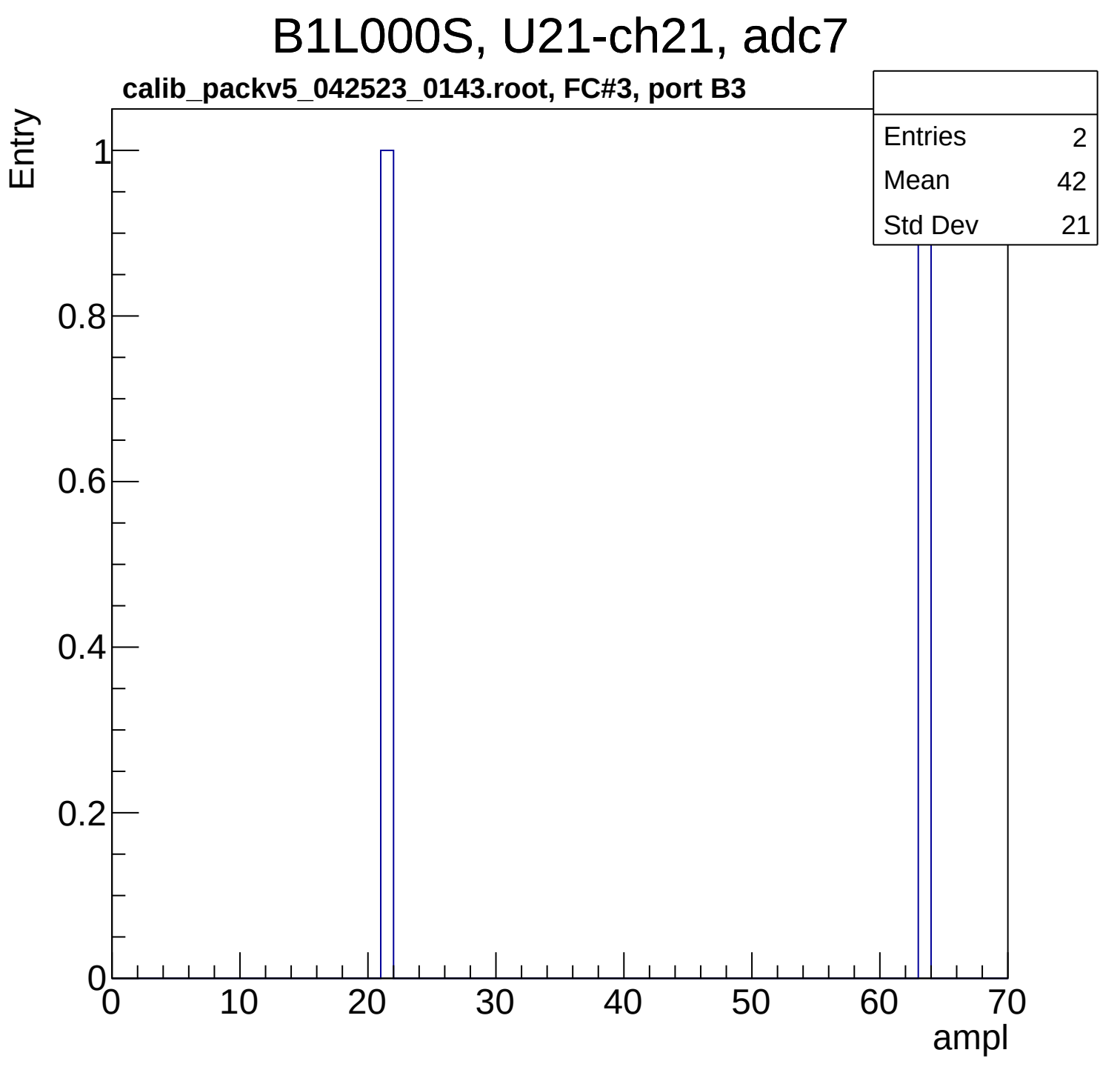

B1L000S, U21-ch21, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 41.51
Std Dev 3.358
Gaus mean : 42.2162
Gaus Width: 3.7550
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

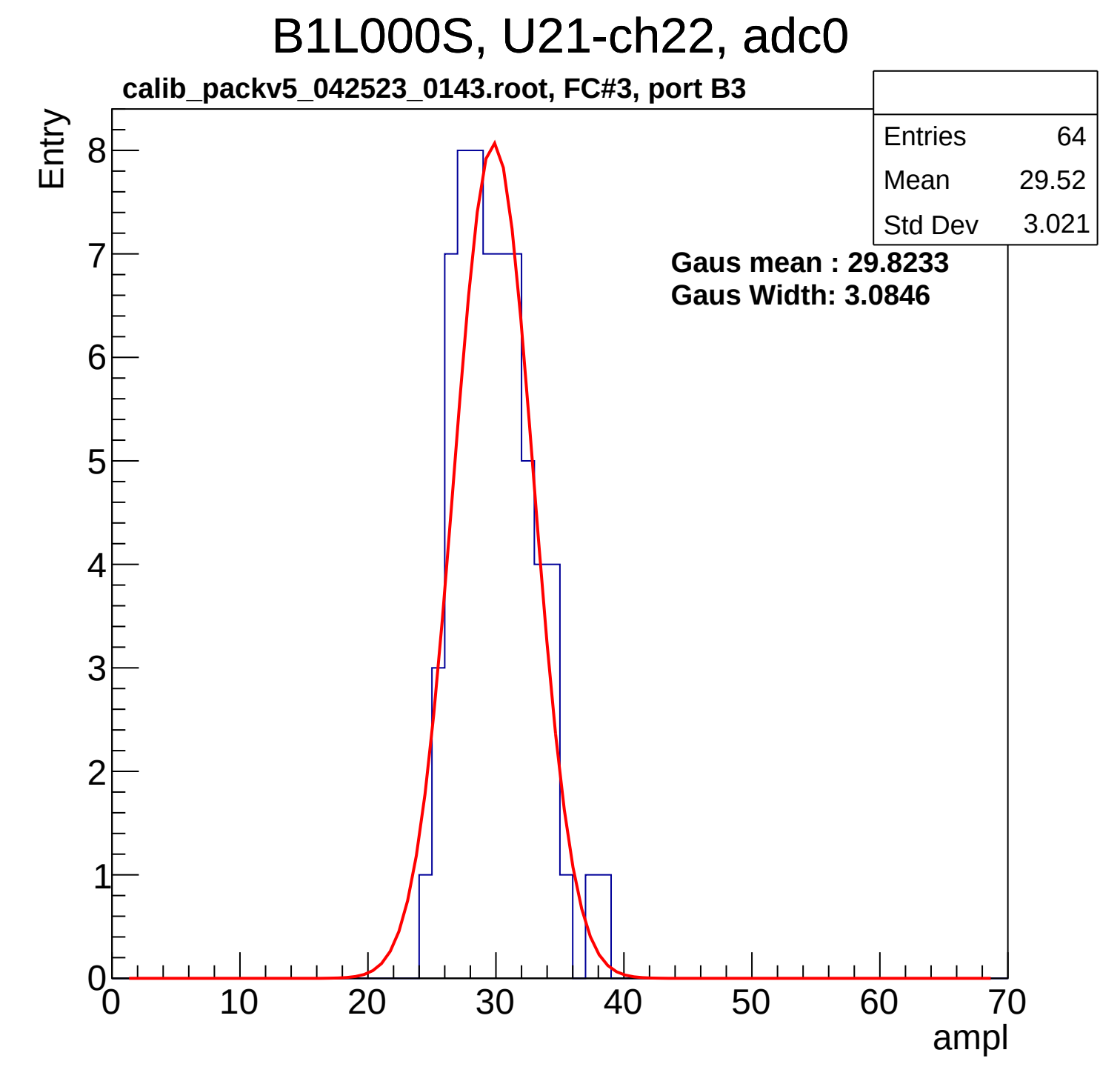

B1L000S, U21-ch21, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 48.53
Std Dev 2.772
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

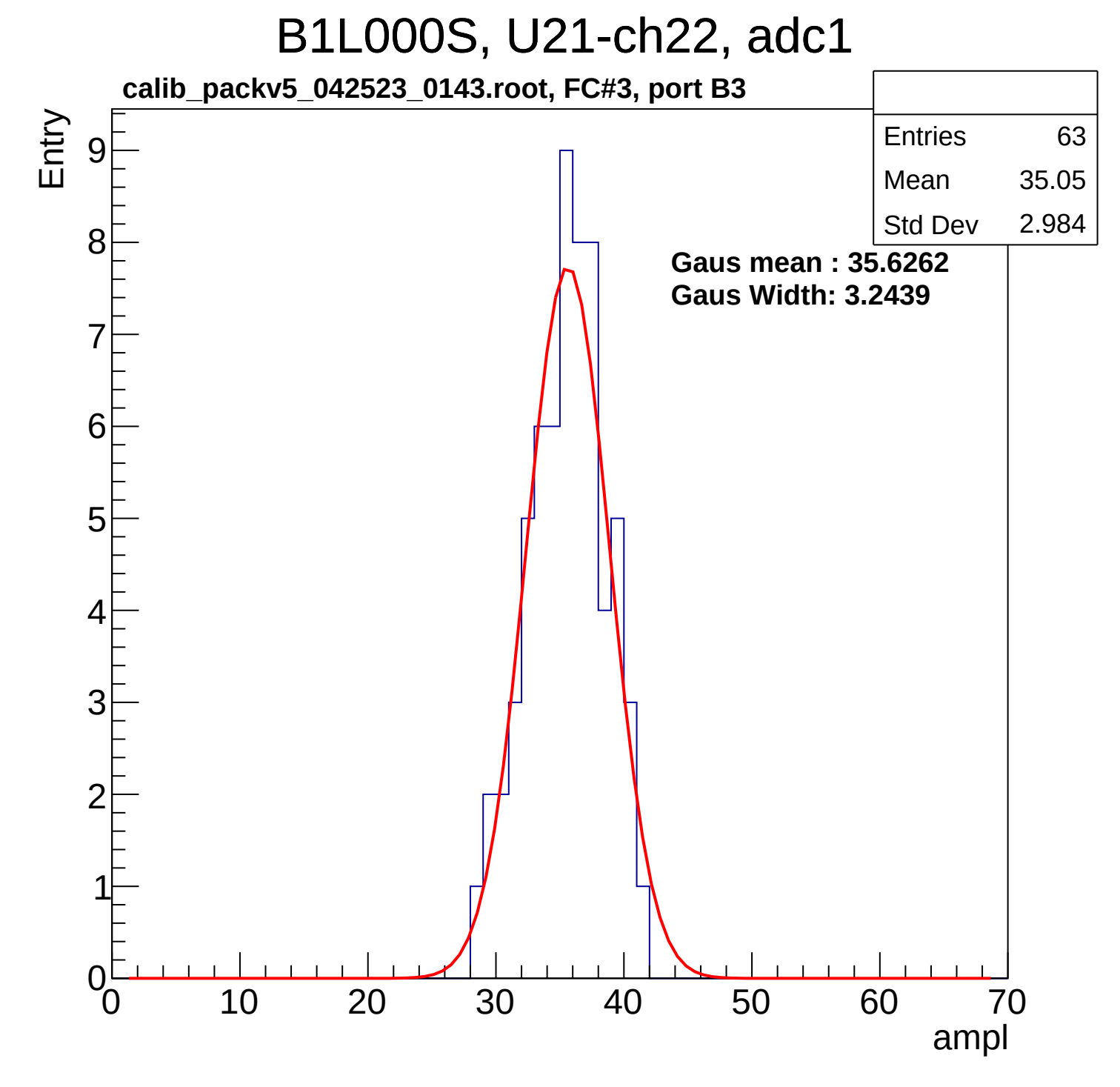

B1L000S, U21-ch21, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 53.66
Std Dev 3.06
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

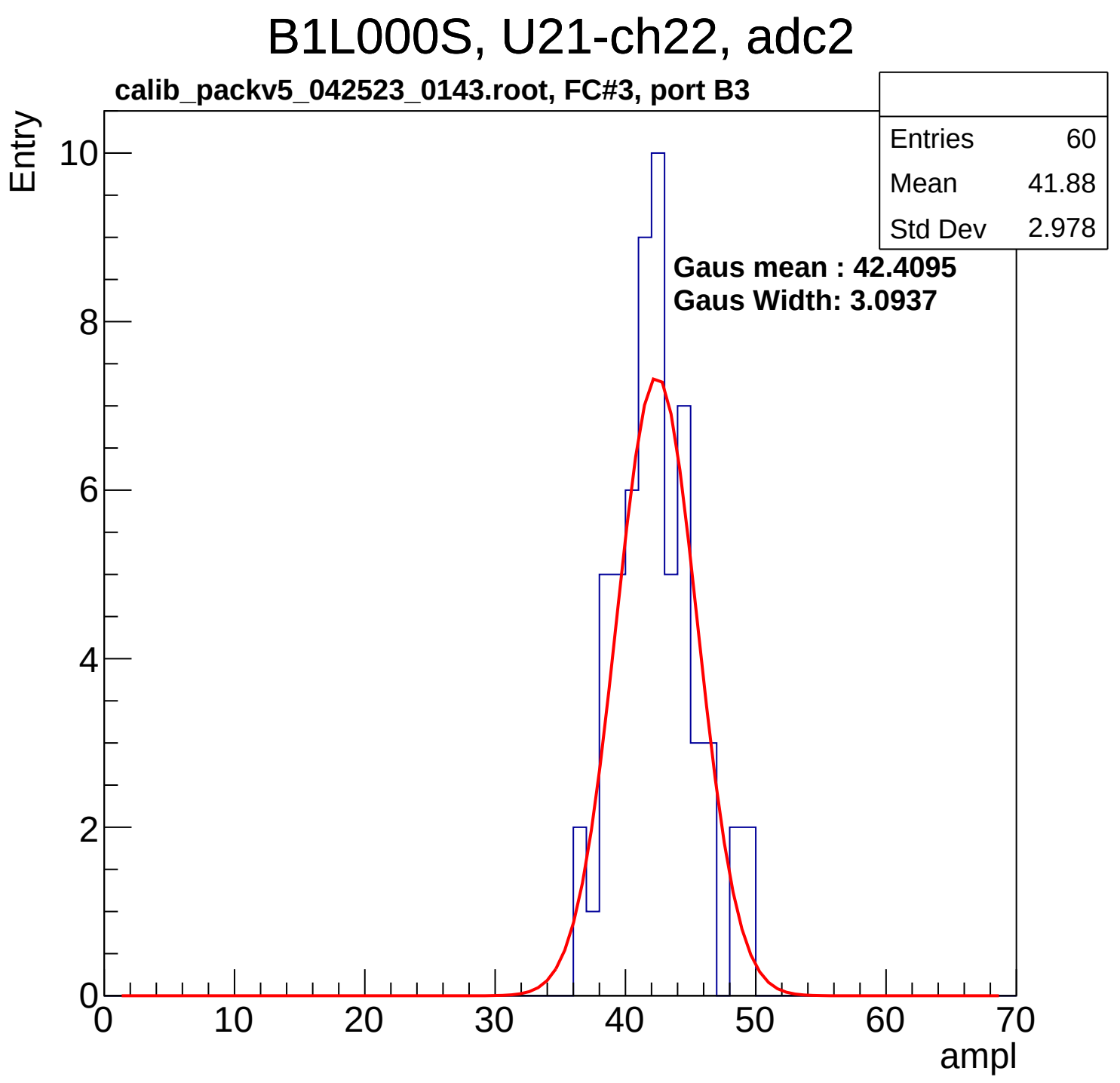

B1L000S, U21-ch21, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 57.94
Std Dev 8.376
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

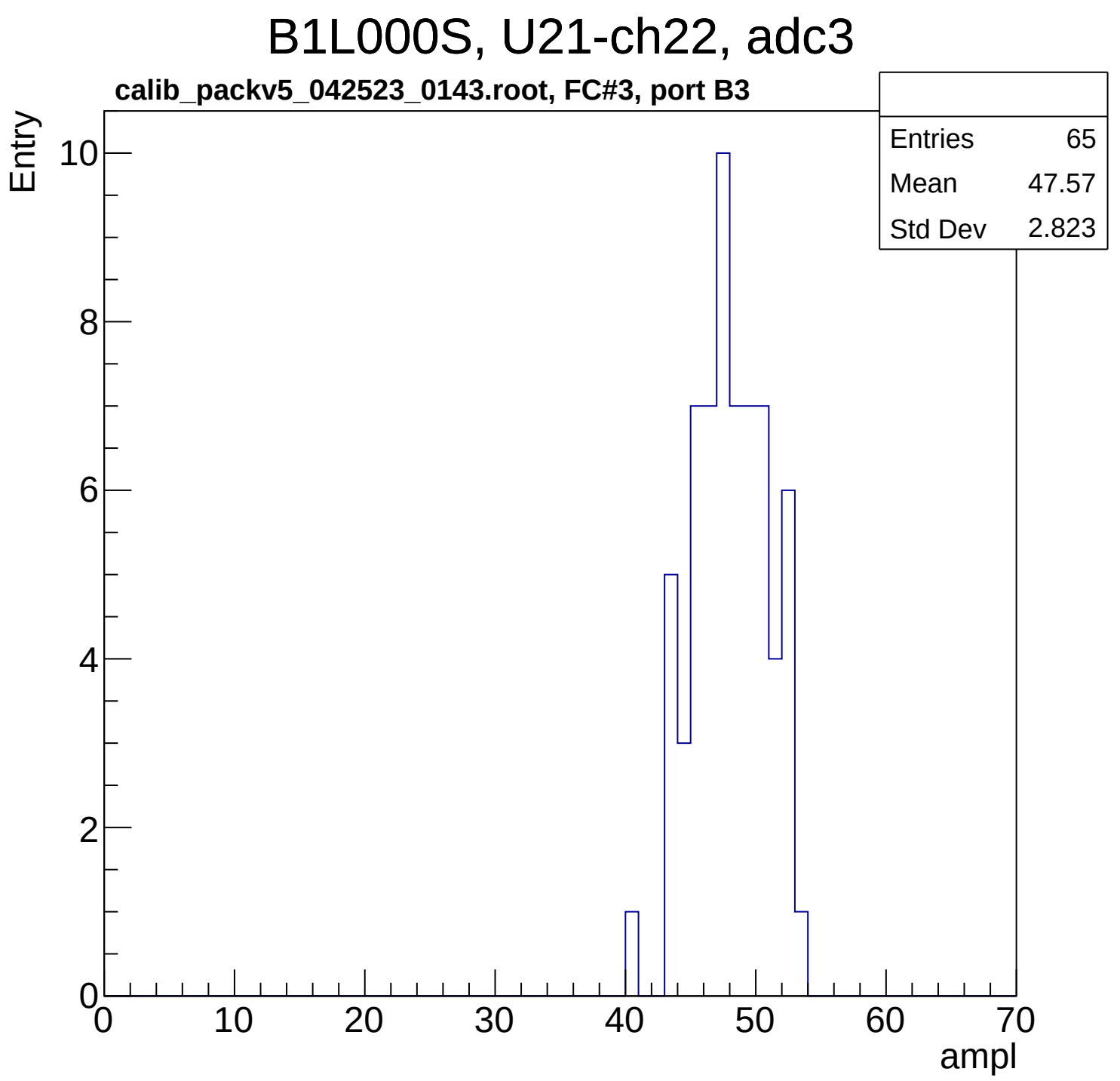

B1L000S, U21-ch21, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 61.79
Std Dev 1.145
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

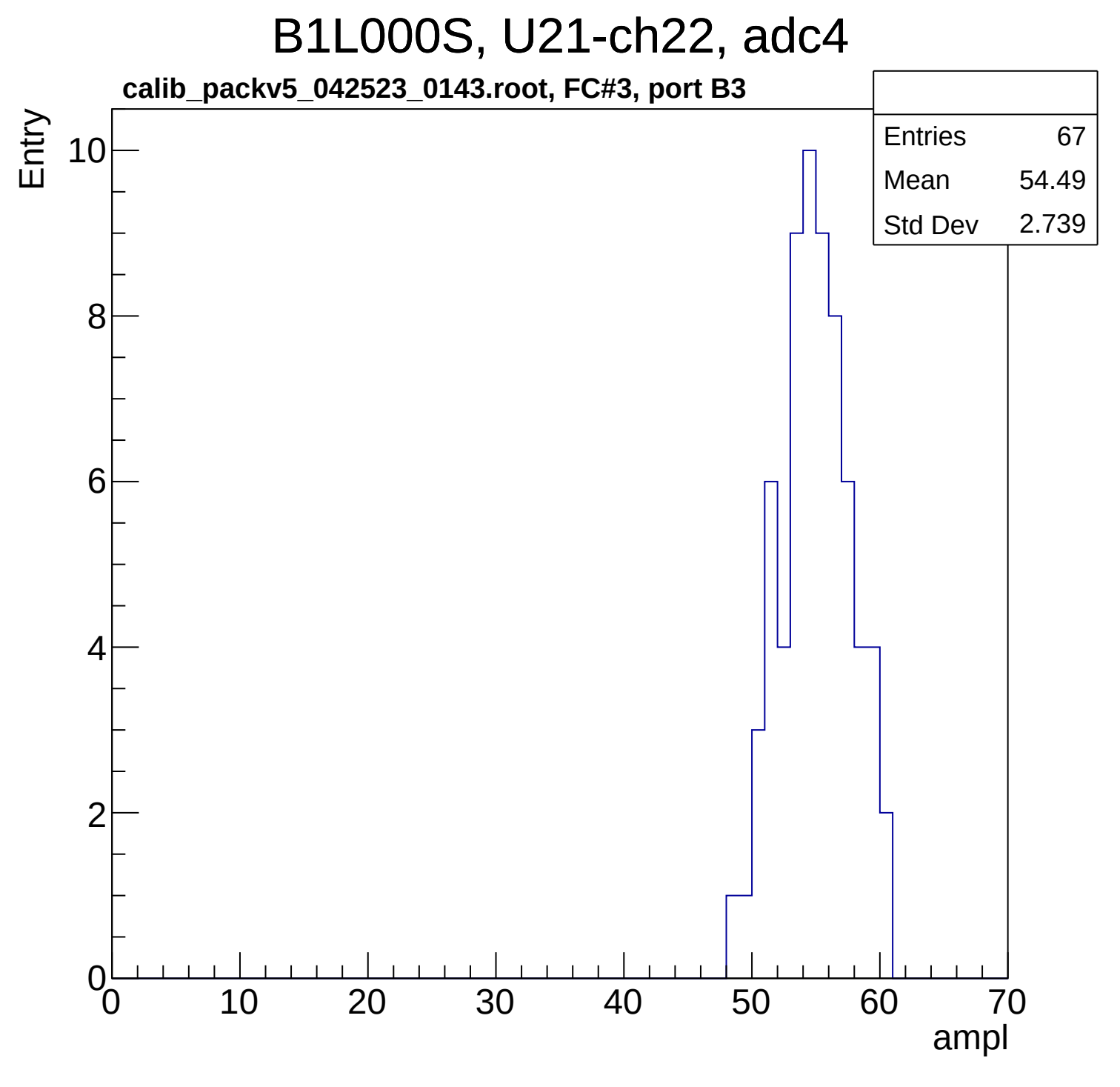

B1L000S, U21-ch21, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 42
Std Dev 21
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

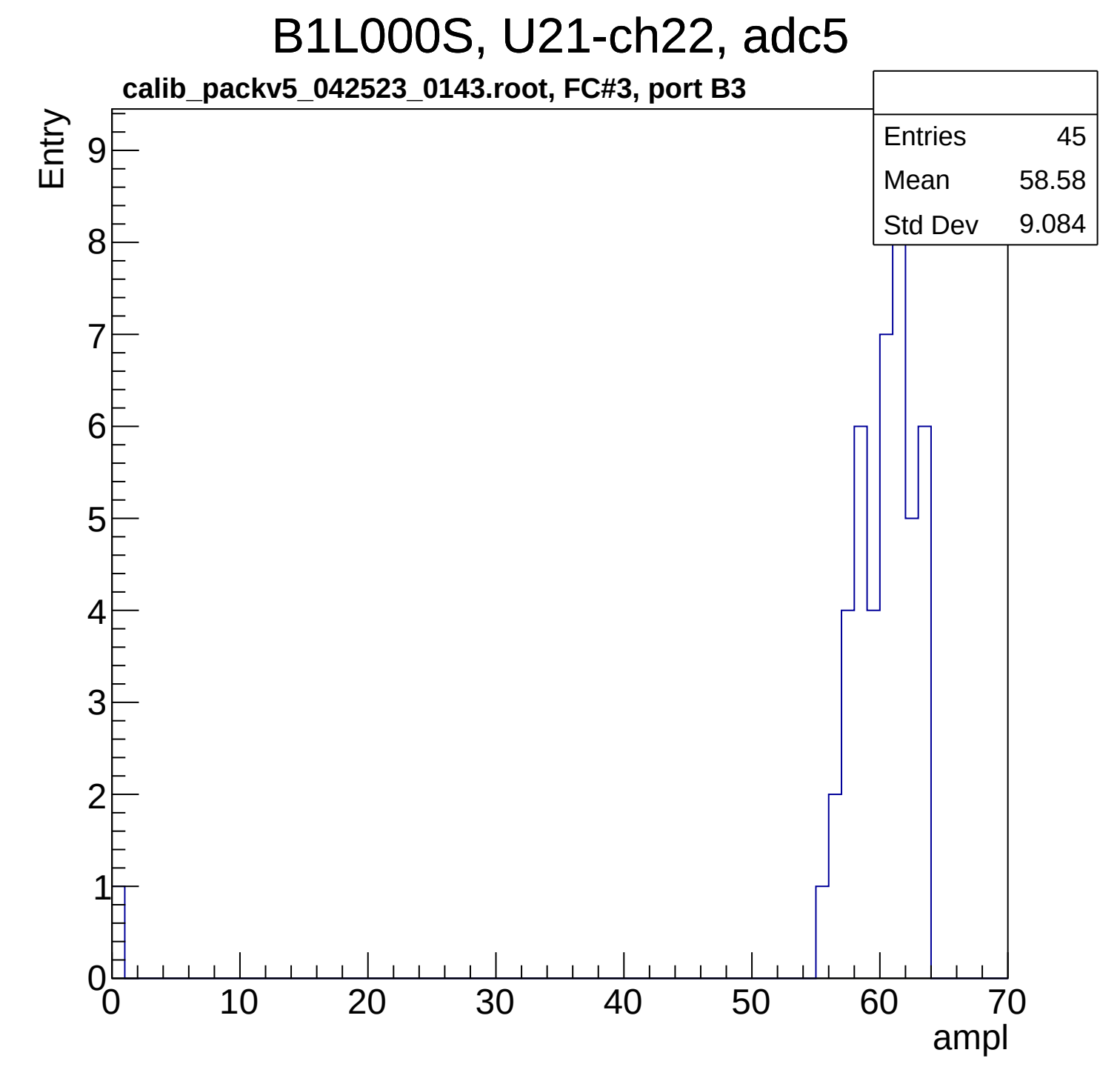

B1L000S, U21-ch22, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 29.52
Std Dev 3.021
Gaus mean : 29.8233
Gaus Width: 3.0846
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

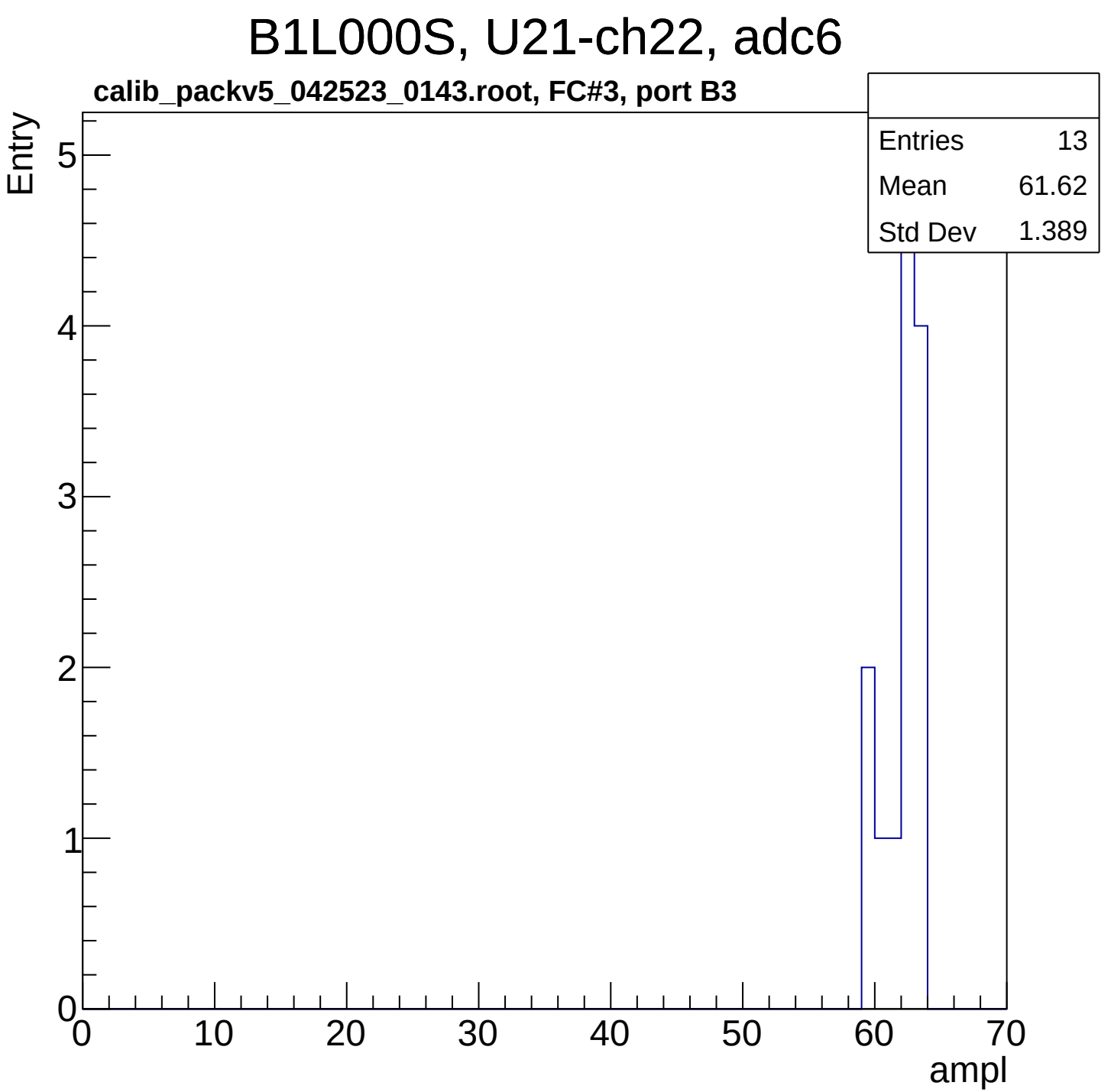

B1L000S, U21-ch22, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 35.05
Std Dev 2.984
Gaus mean : 35.6262
Gaus Width: 3.2439
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

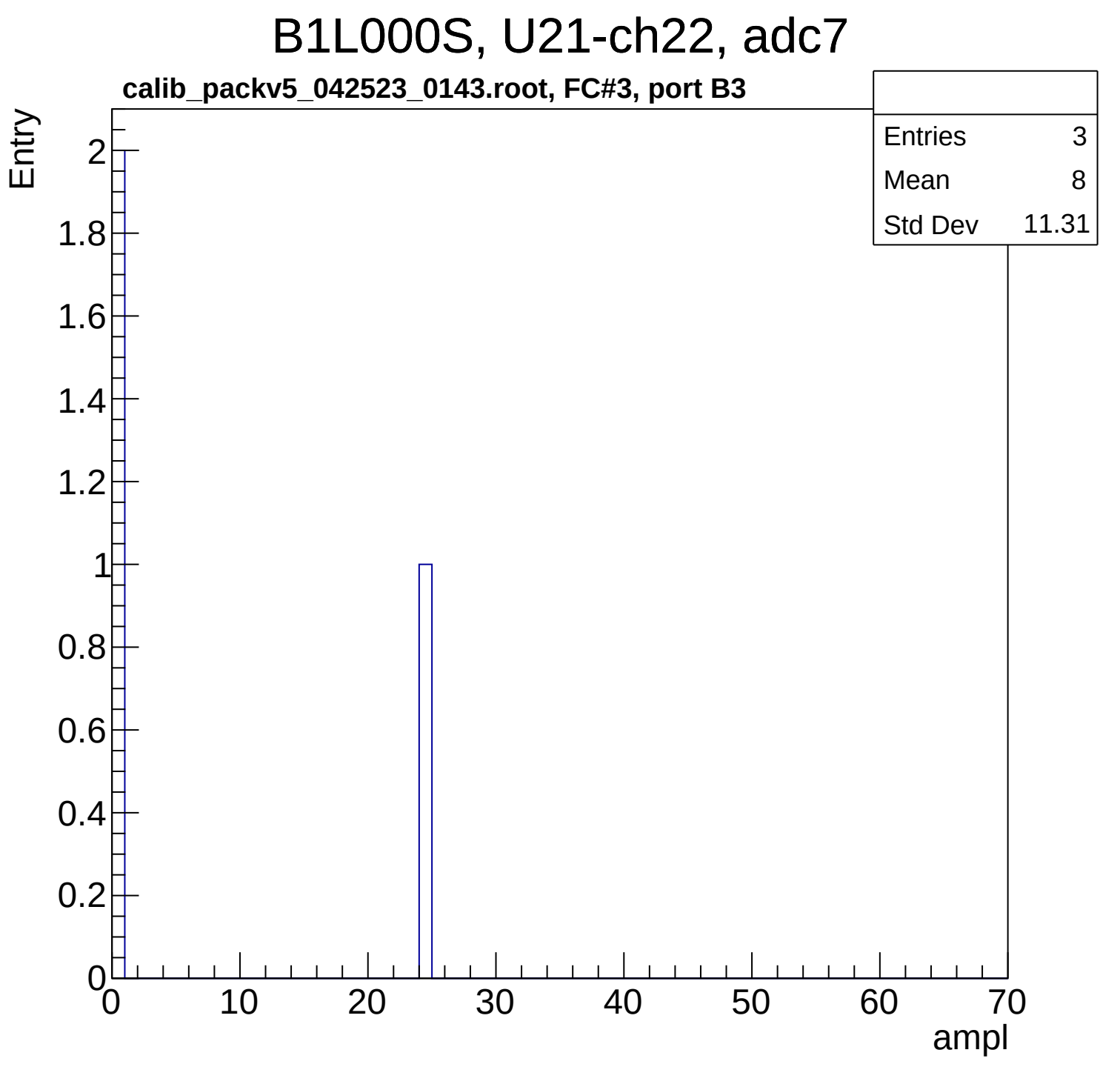

B1L000S, U21-ch22, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 41.88
Std Dev 2.978
Gaus mean : 42.4095
Gaus Width: 3.0937
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

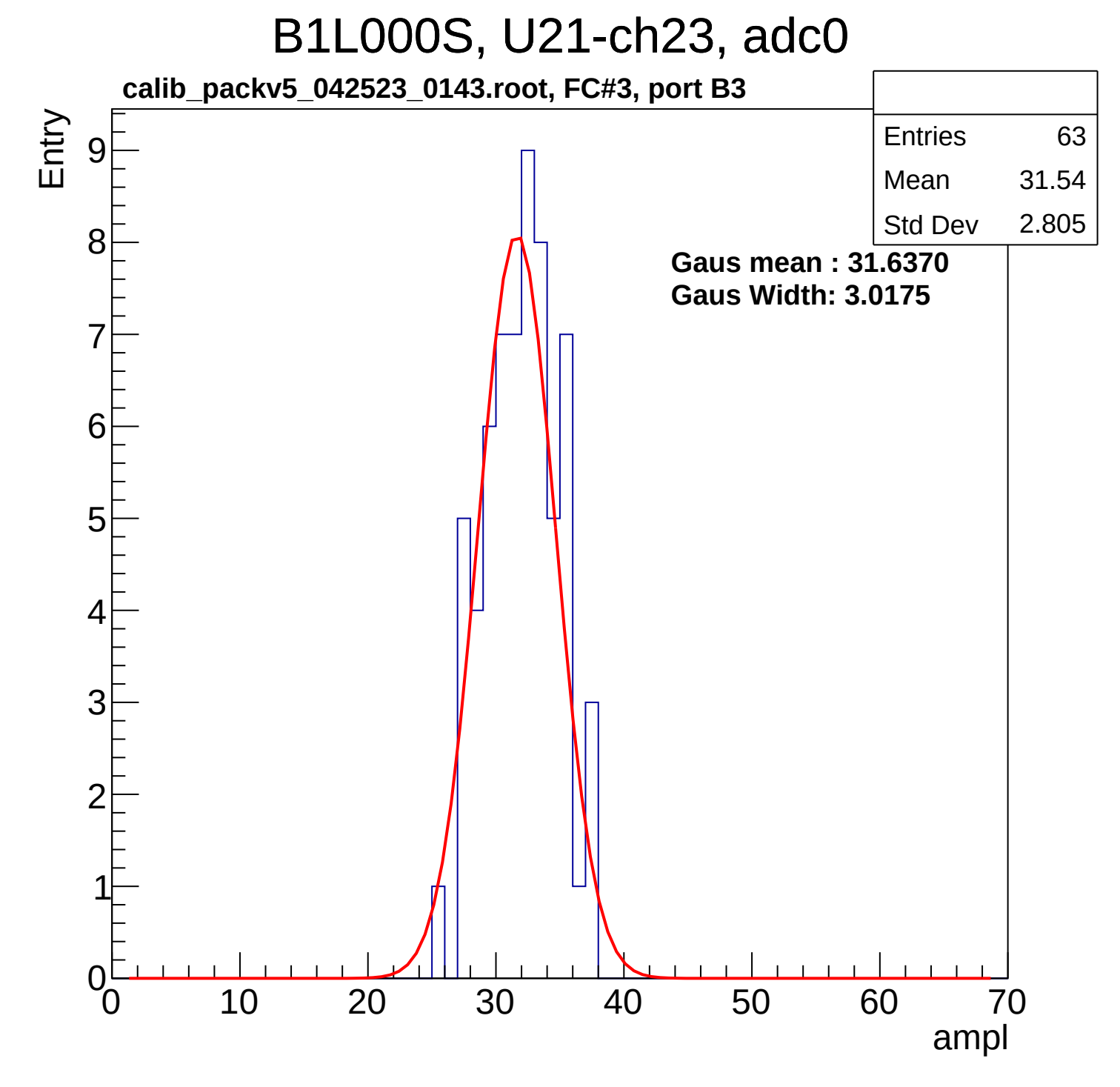

B1L000S, U21-ch22, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 47.57
Std Dev 2.823
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

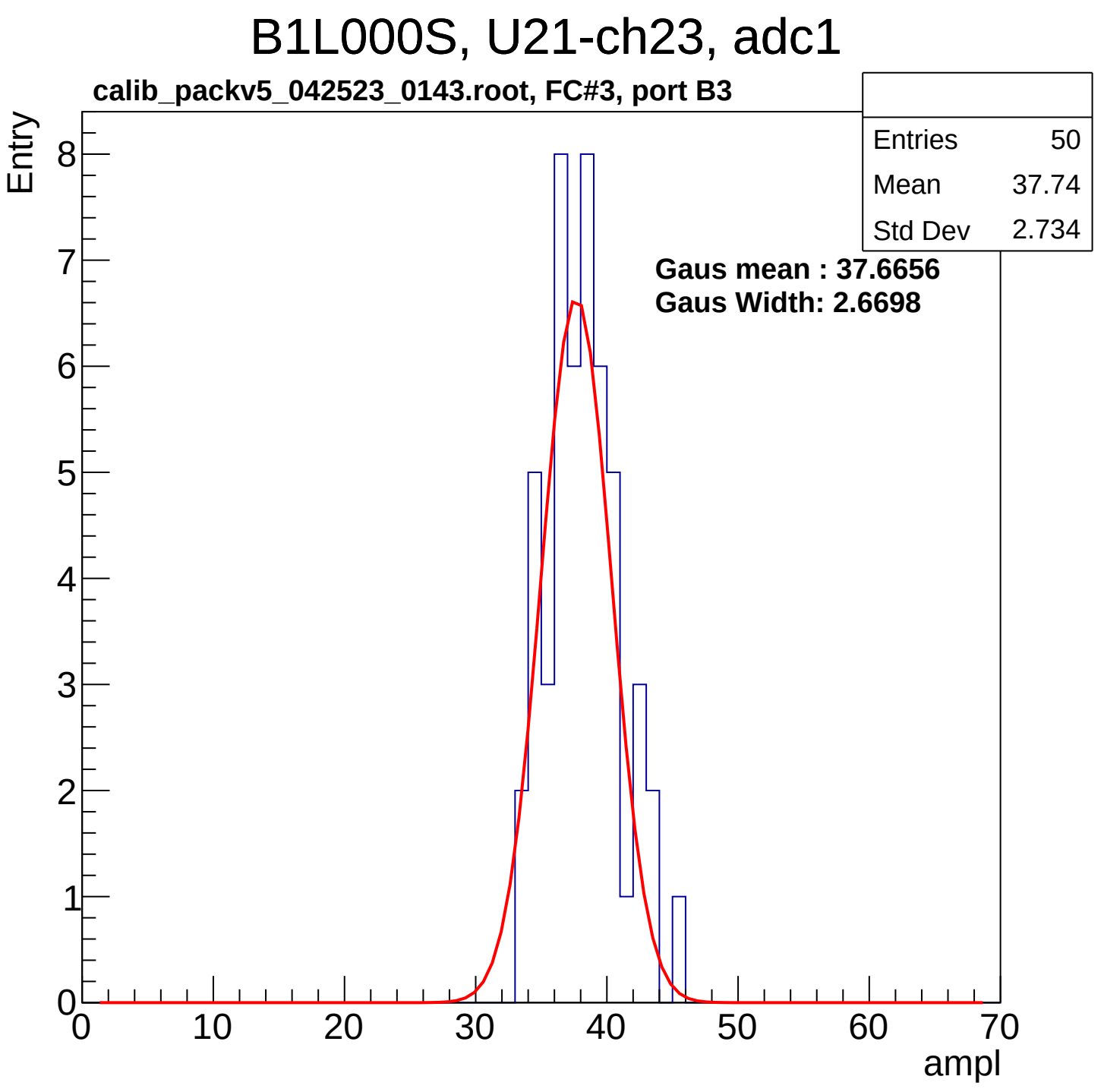

B1L000S, U21-ch22, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 54.49
Std Dev 2.739
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

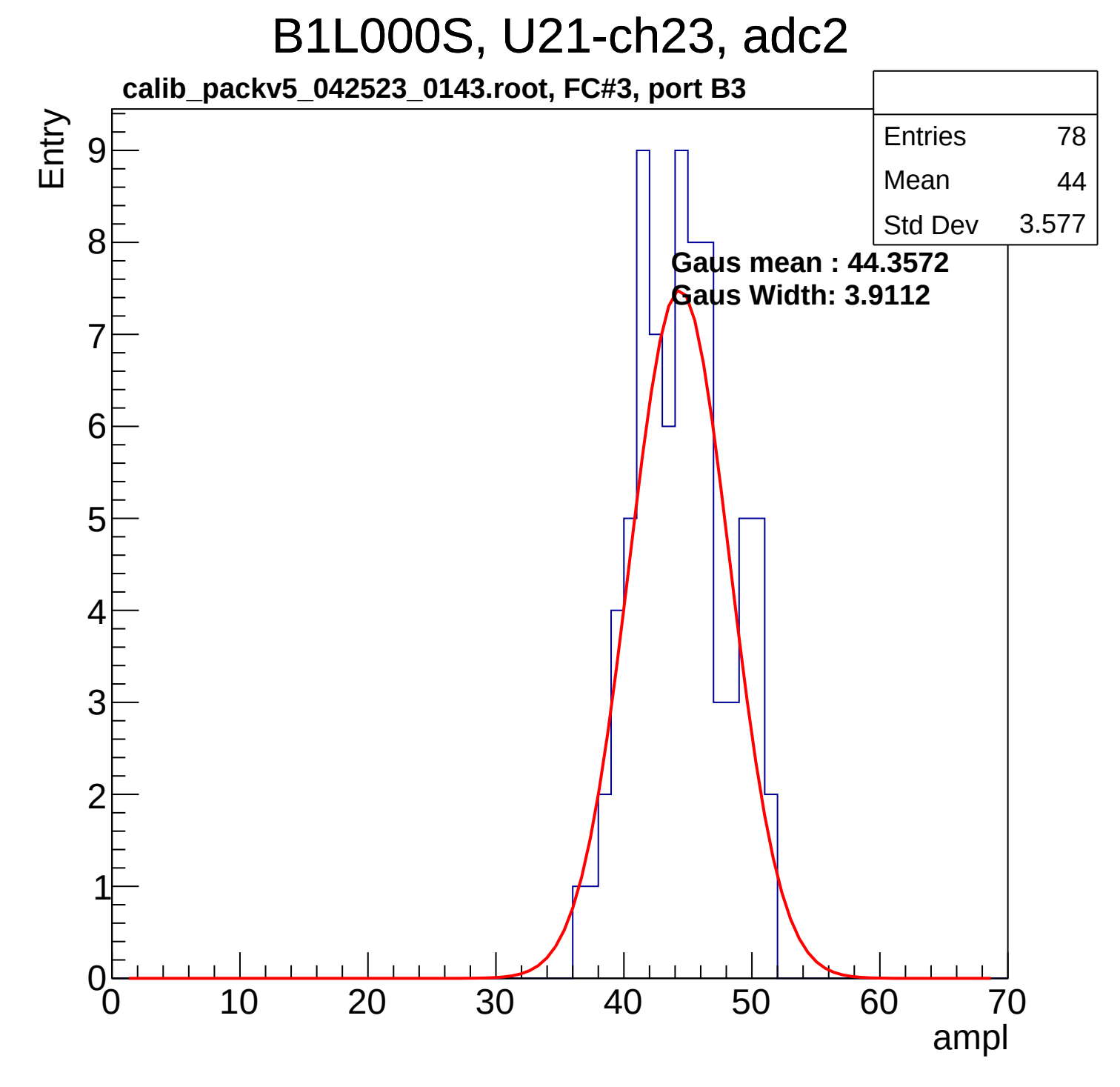

B1L000S, U21-ch22, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 58.58
Std Dev 9.084
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

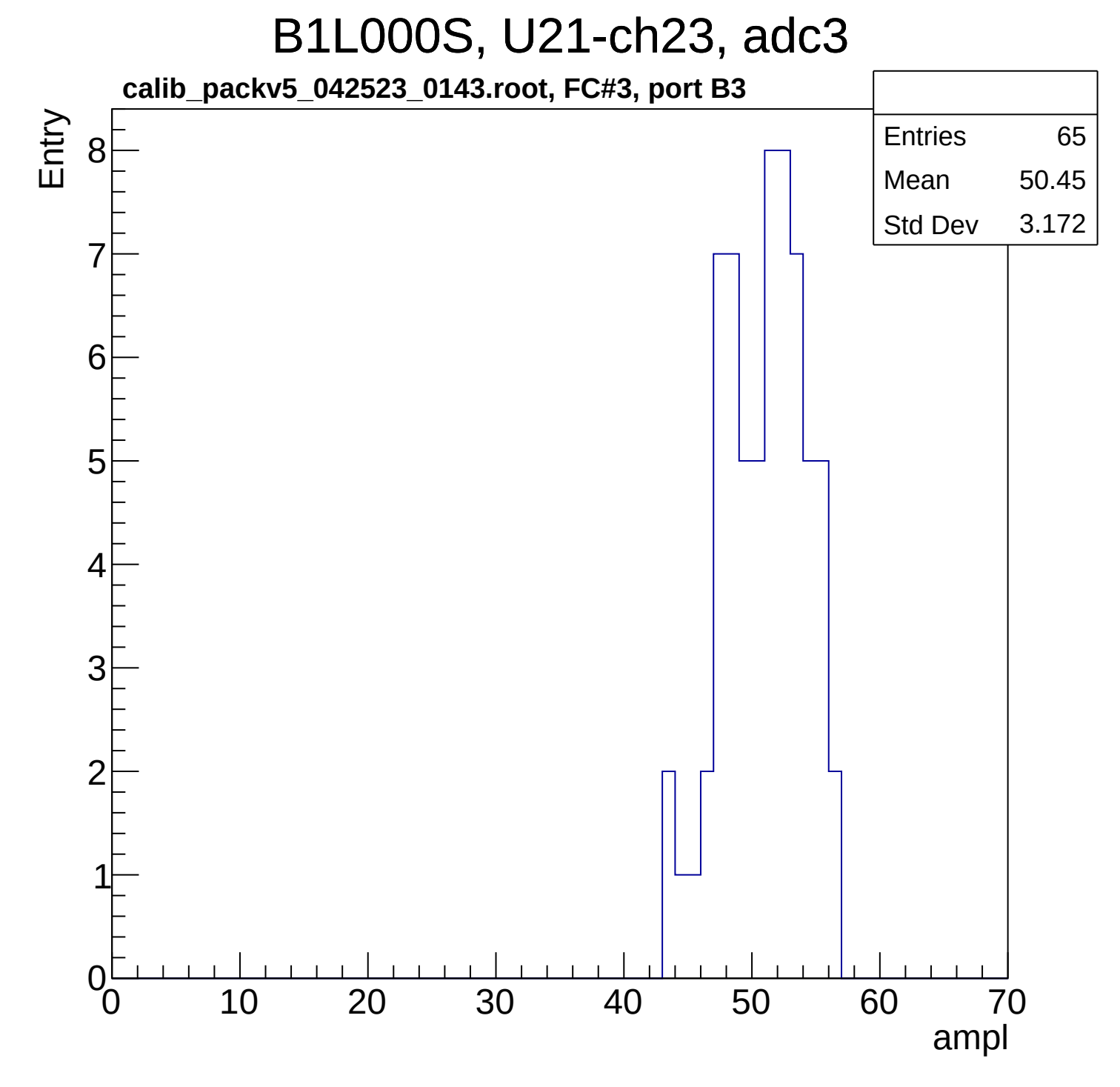

B1L000S, U21-ch22, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 61.62
Std Dev 1.389
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

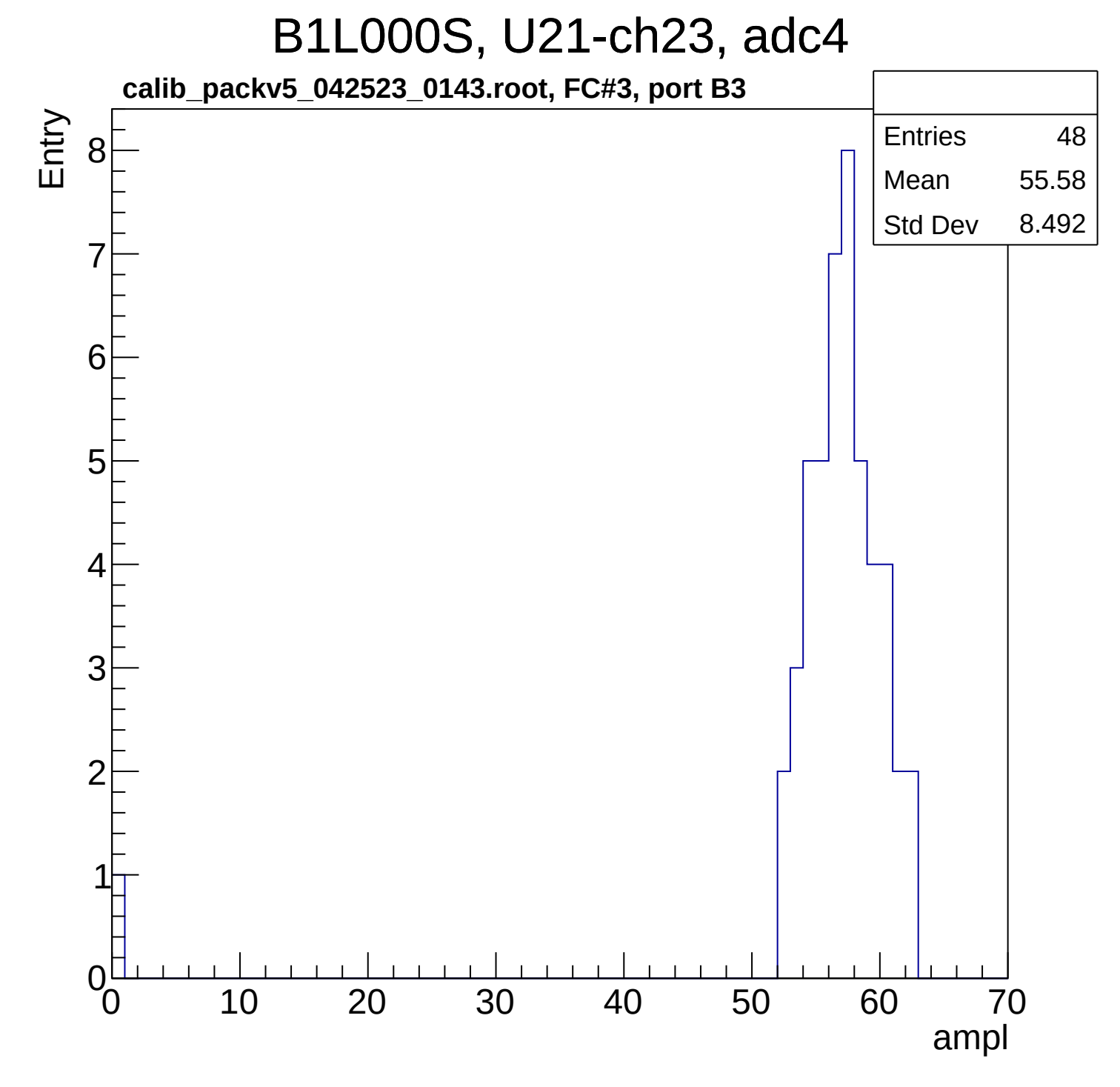

B1L000S, U21-ch22, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 8
Std Dev 11.31
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

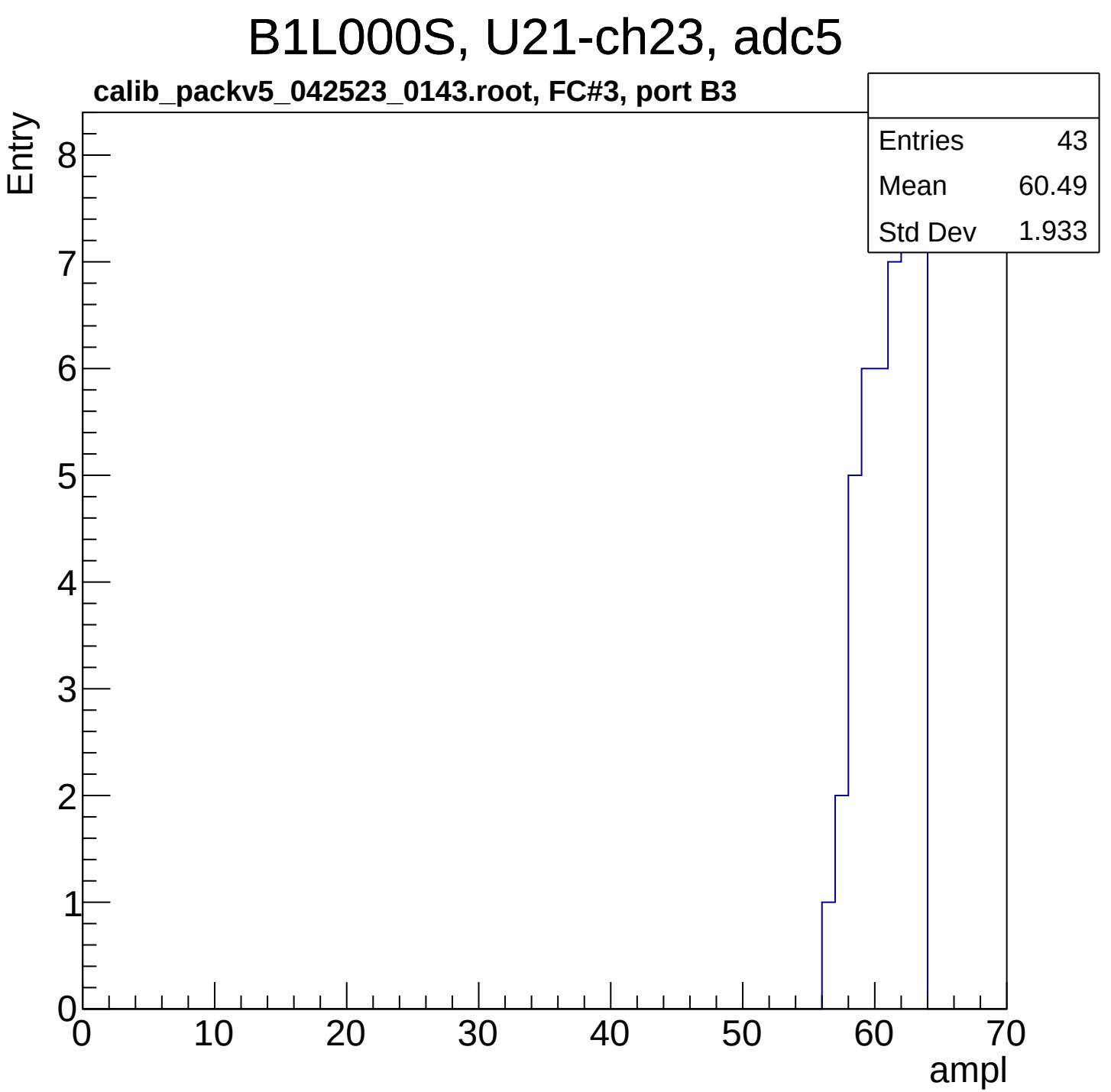

B1L000S, U21-ch23, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 31.54
Std Dev 2.805
Gaus mean : 31.6370
Gaus Width: 3.0175
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

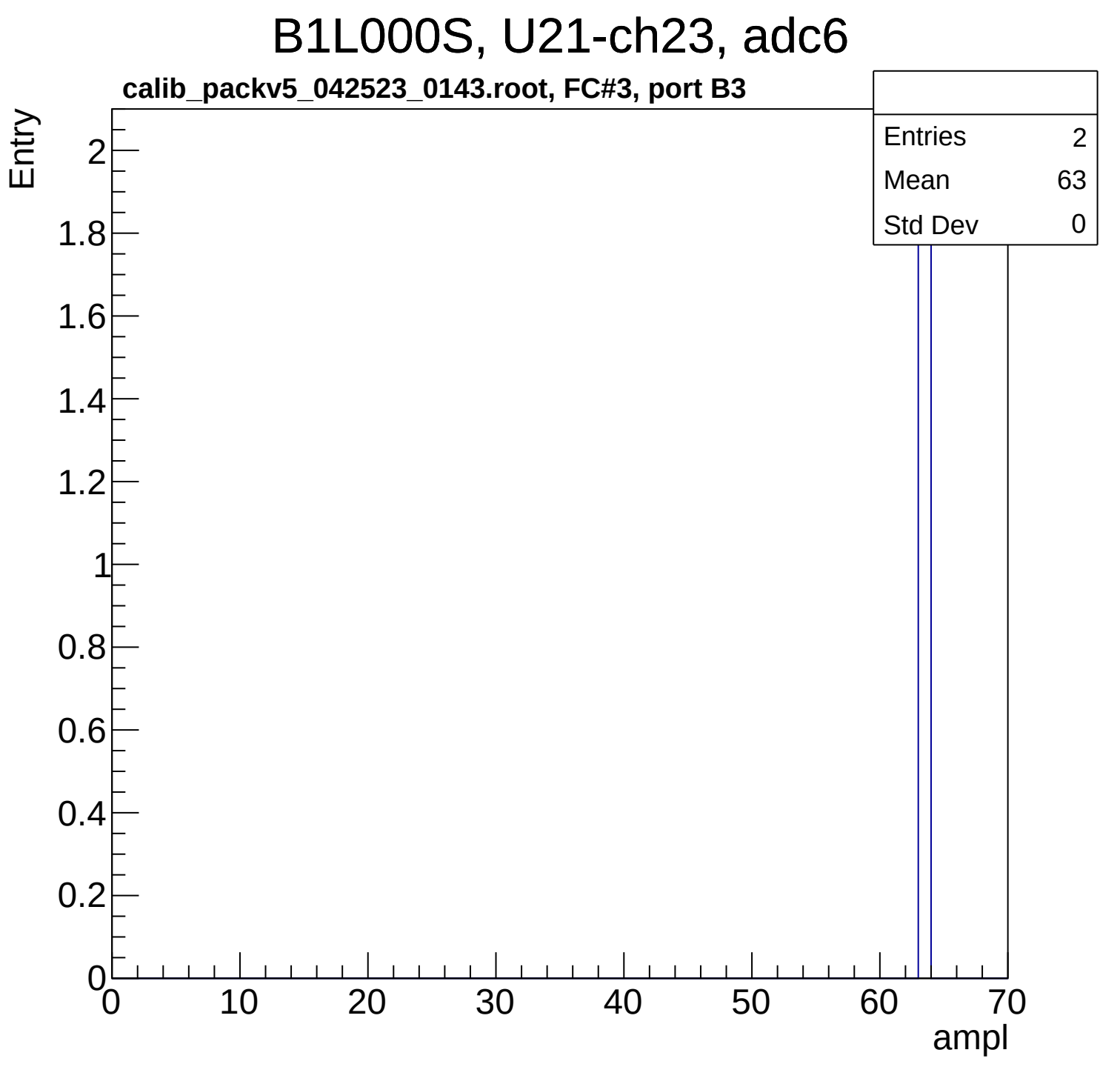

B1L000S, U21-ch23, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 37.74
Std Dev 2.734
Gaus mean : 37.6656
Gaus Width: 2.6698
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

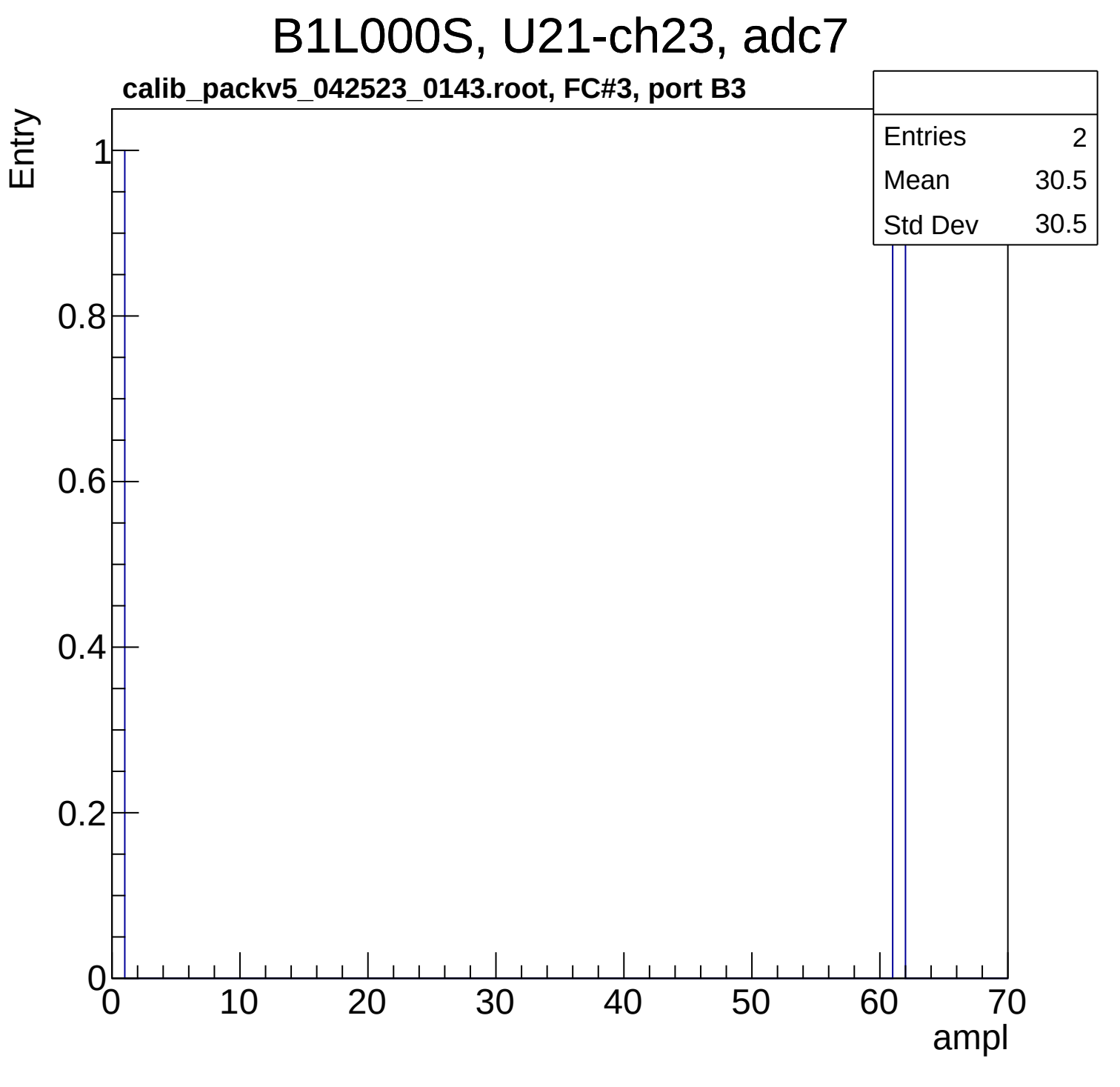

B1L000S, U21-ch23, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 44
Std Dev 3.577
Gaus mean : 44.3572
Gaus Width: 3.9112
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

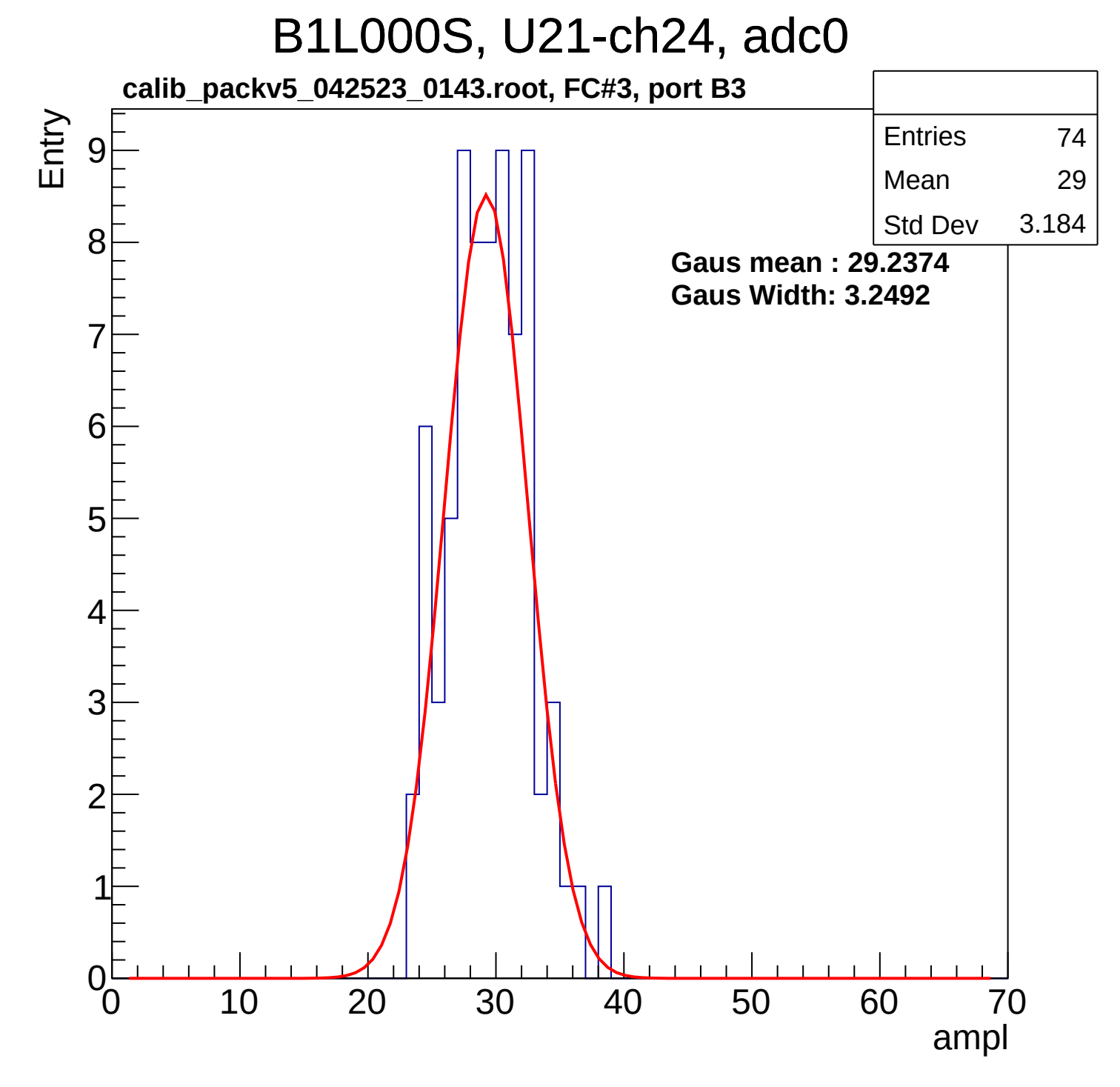

B1L000S, U21-ch23, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 50.45
Std Dev 3.172
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

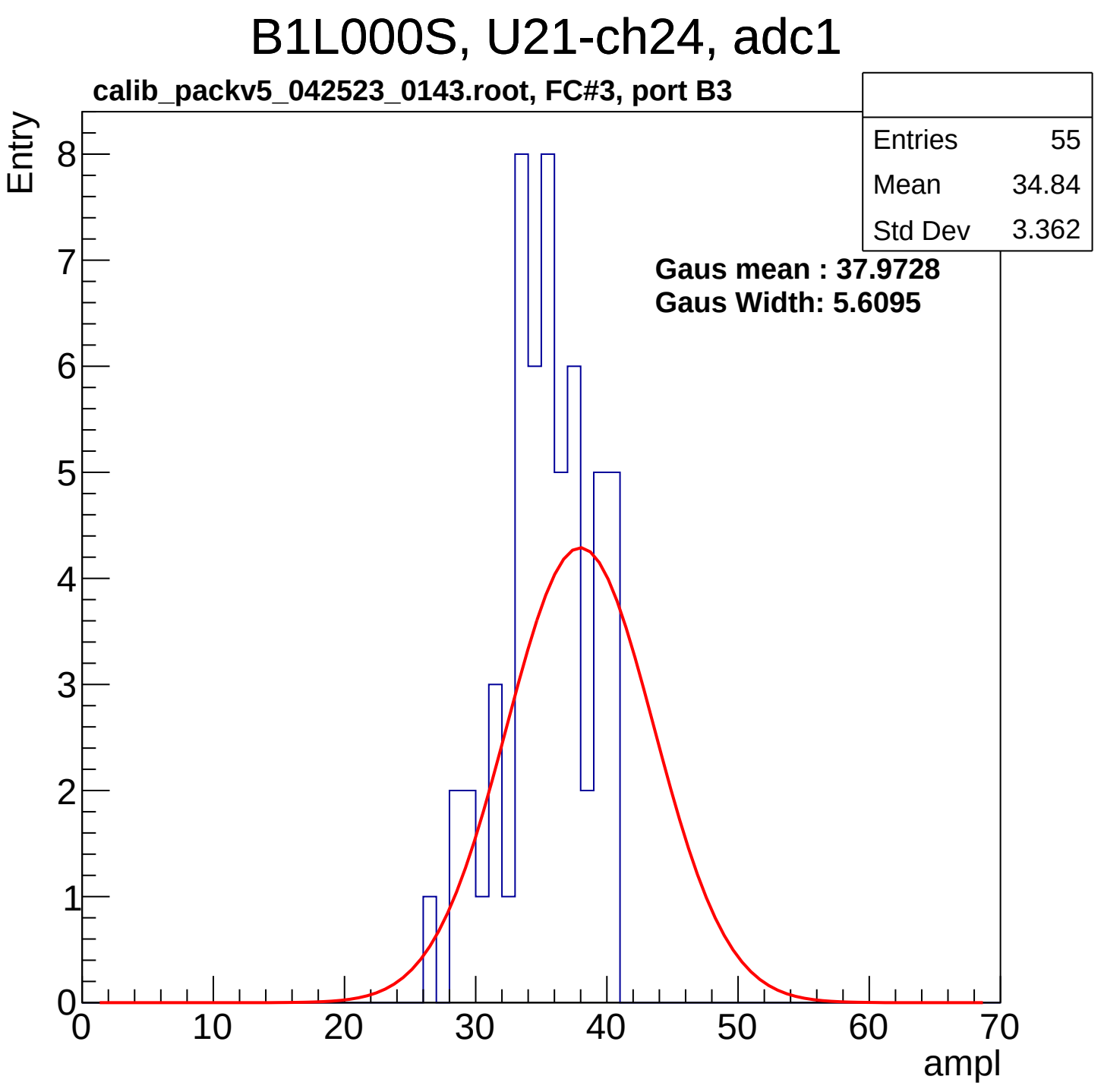

B1L000S, U21-ch23, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 55.58
Std Dev 8.492
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

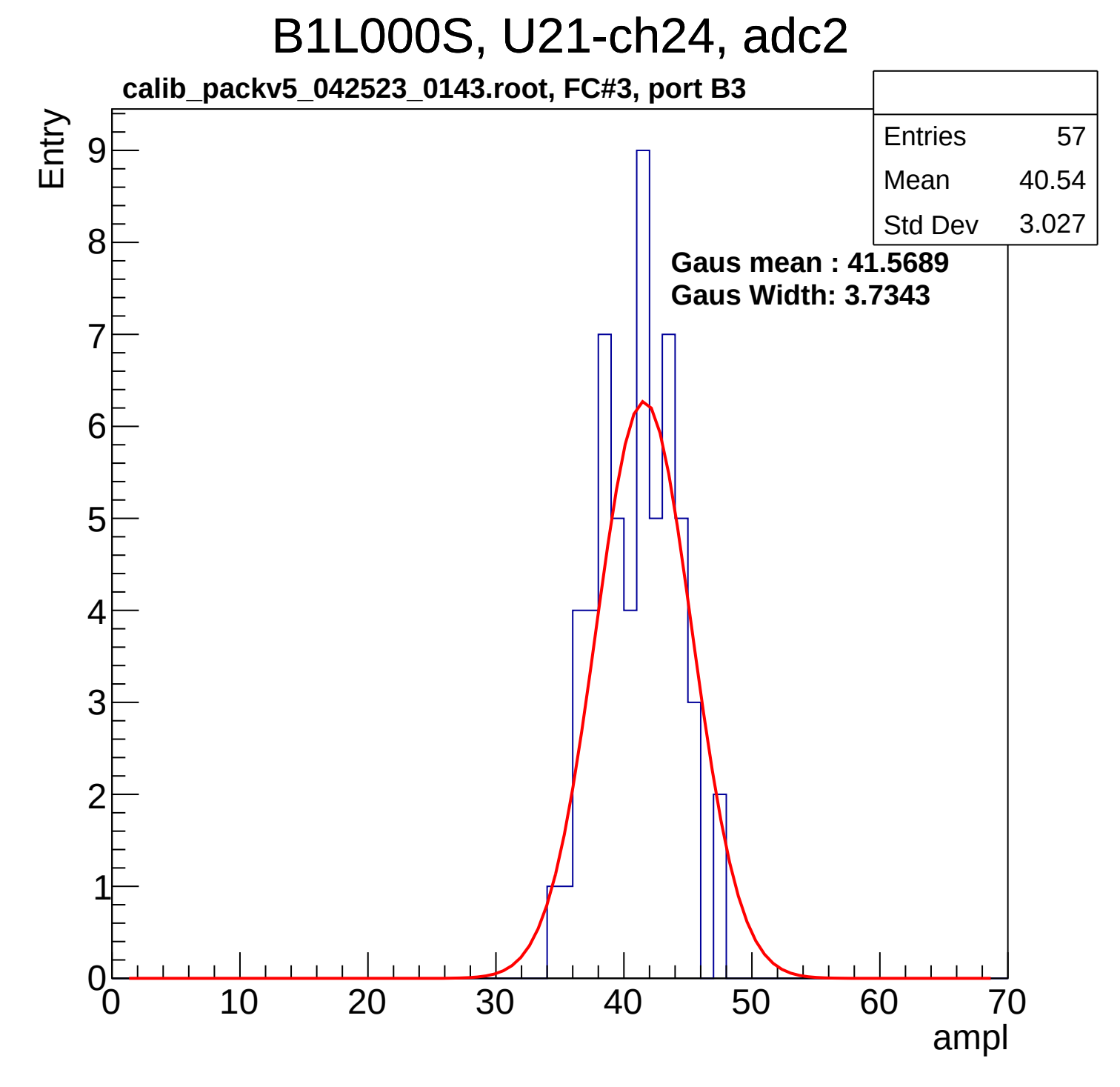

B1L000S, U21-ch23, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 60.49
Std Dev 1.933
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

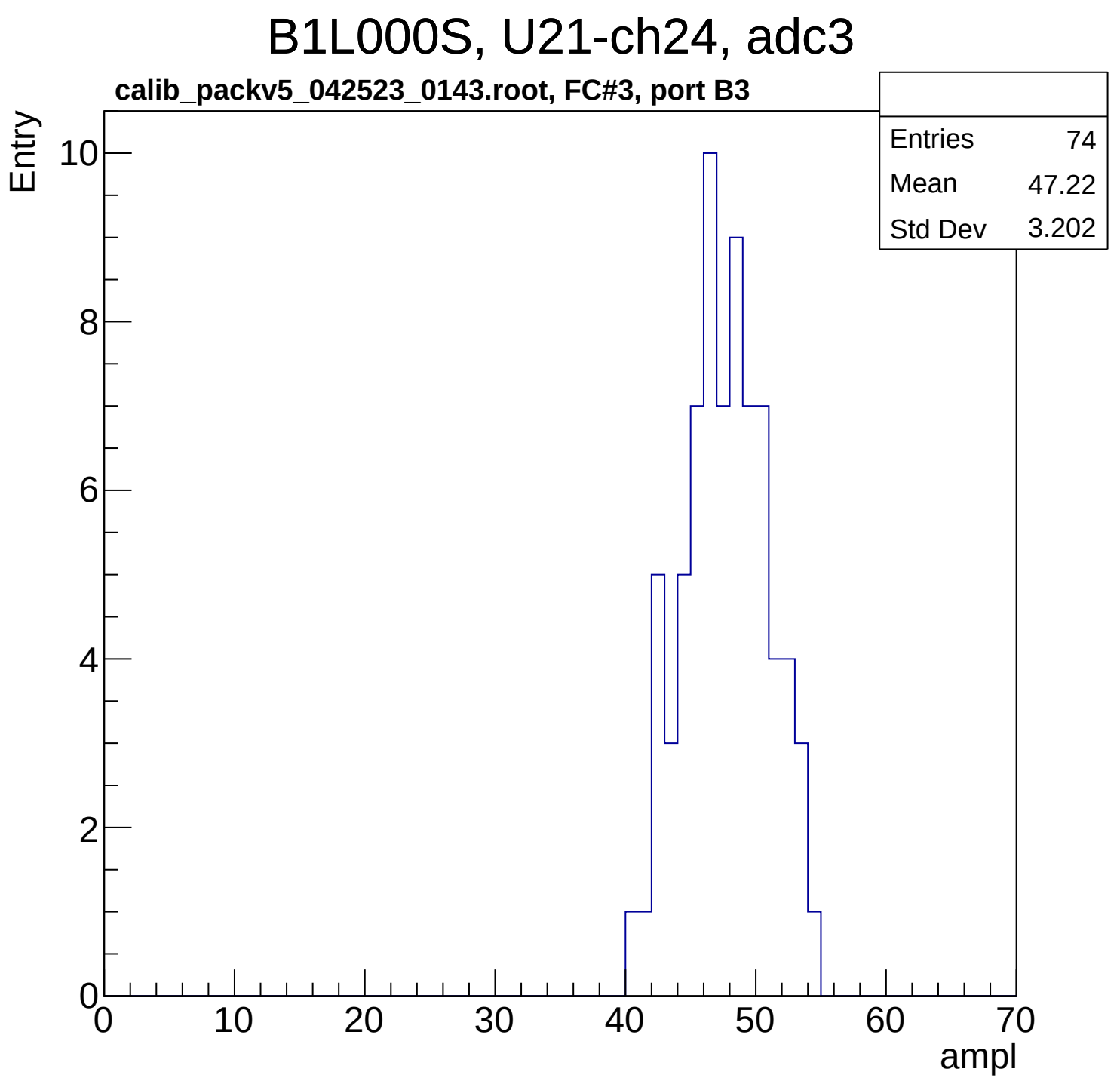

B1L000S, U21-ch23, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

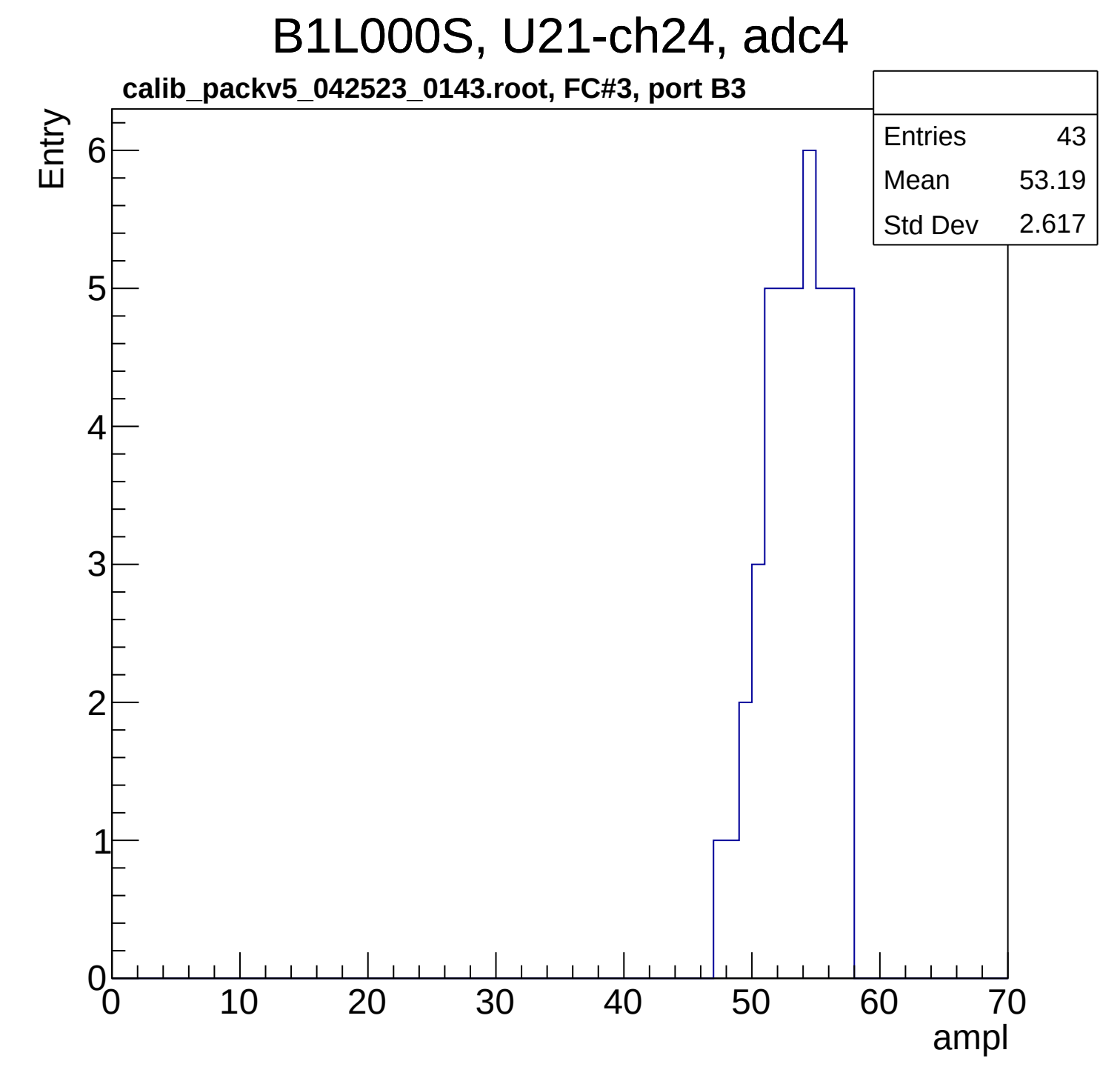

B1L000S, U21-ch23, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 30.5
Std Dev 30.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

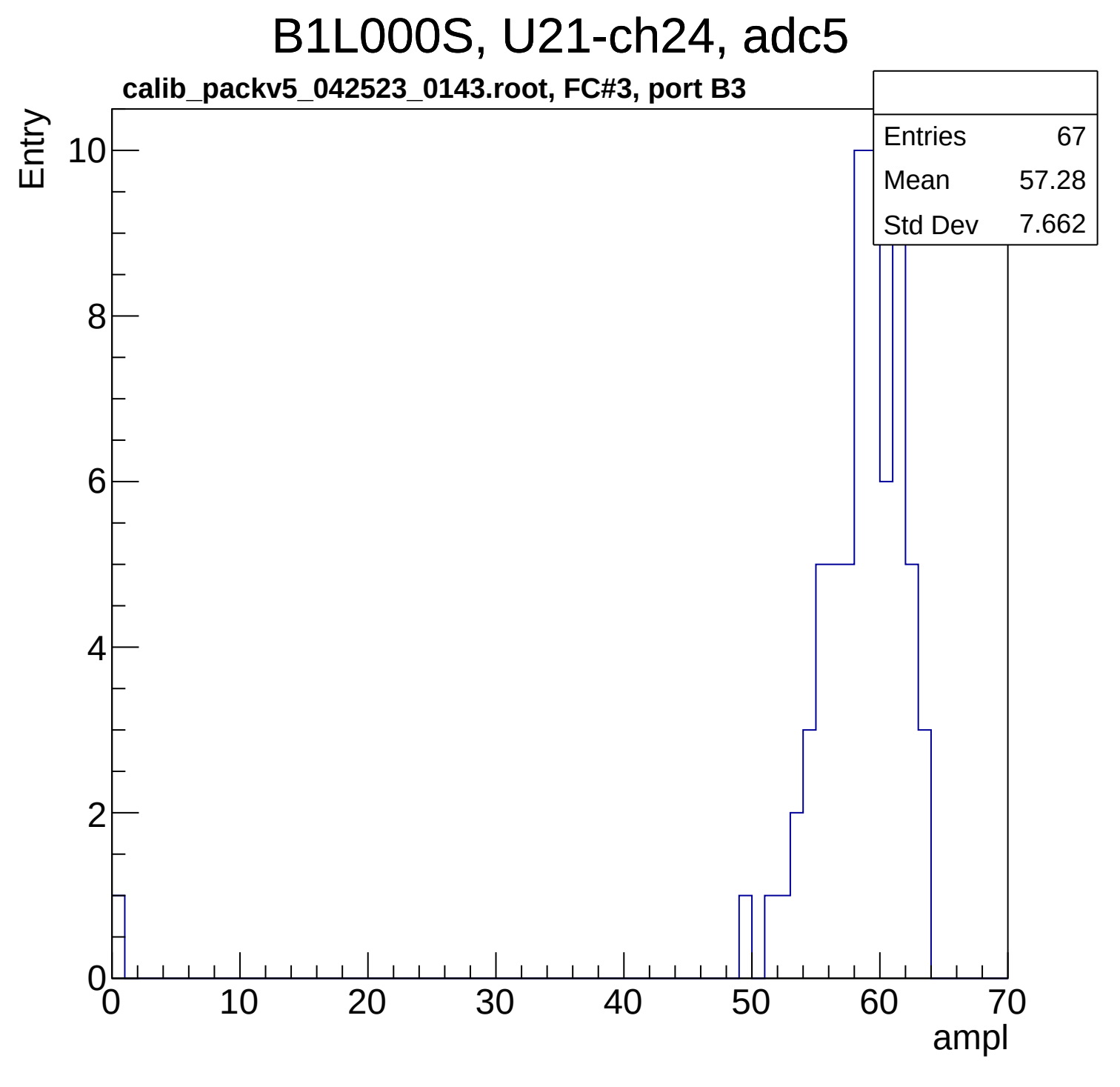

B1L000S, U21-ch24, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 29
Std Dev 3.184
Gaus mean : 29.2374
Gaus Width: 3.2492
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

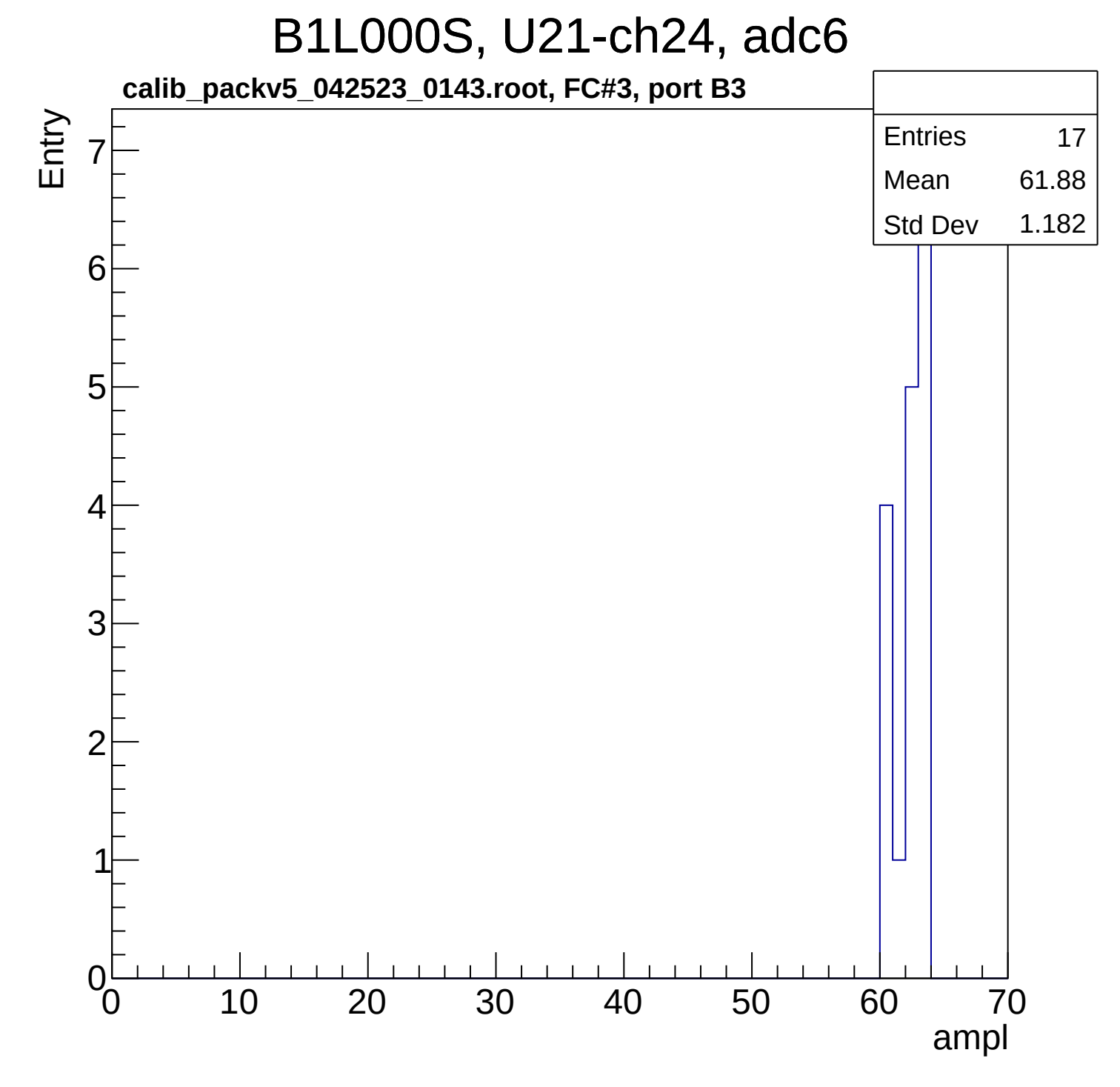

B1L000S, U21-ch24, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 34.84
Std Dev 3.362
Gaus mean : 37.9728
Gaus Width: 5.6095
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

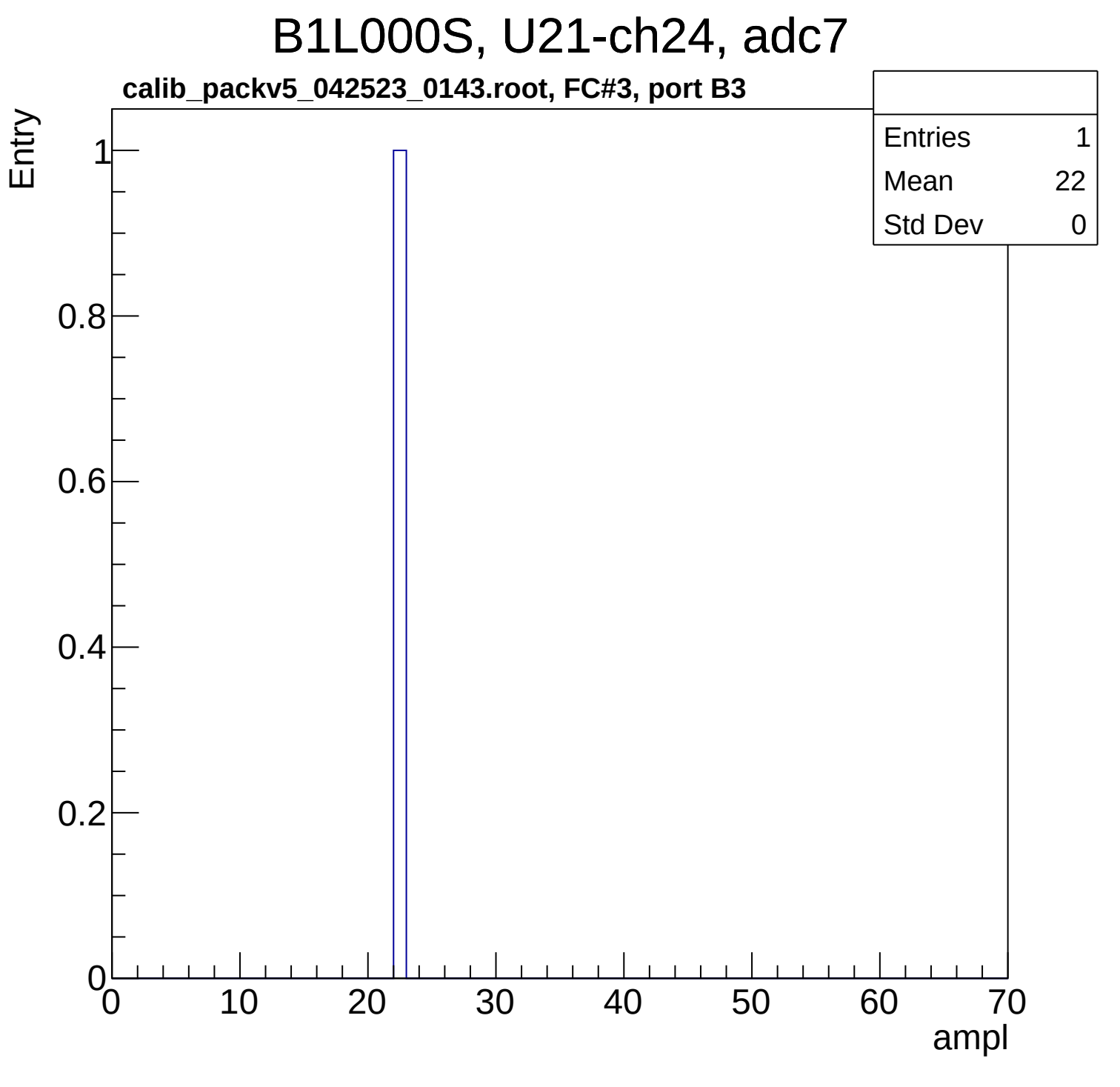

B1L000S, U21-ch24, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 40.54
Std Dev 3.027
Gaus mean : 41.5689
Gaus Width: 3.7343
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

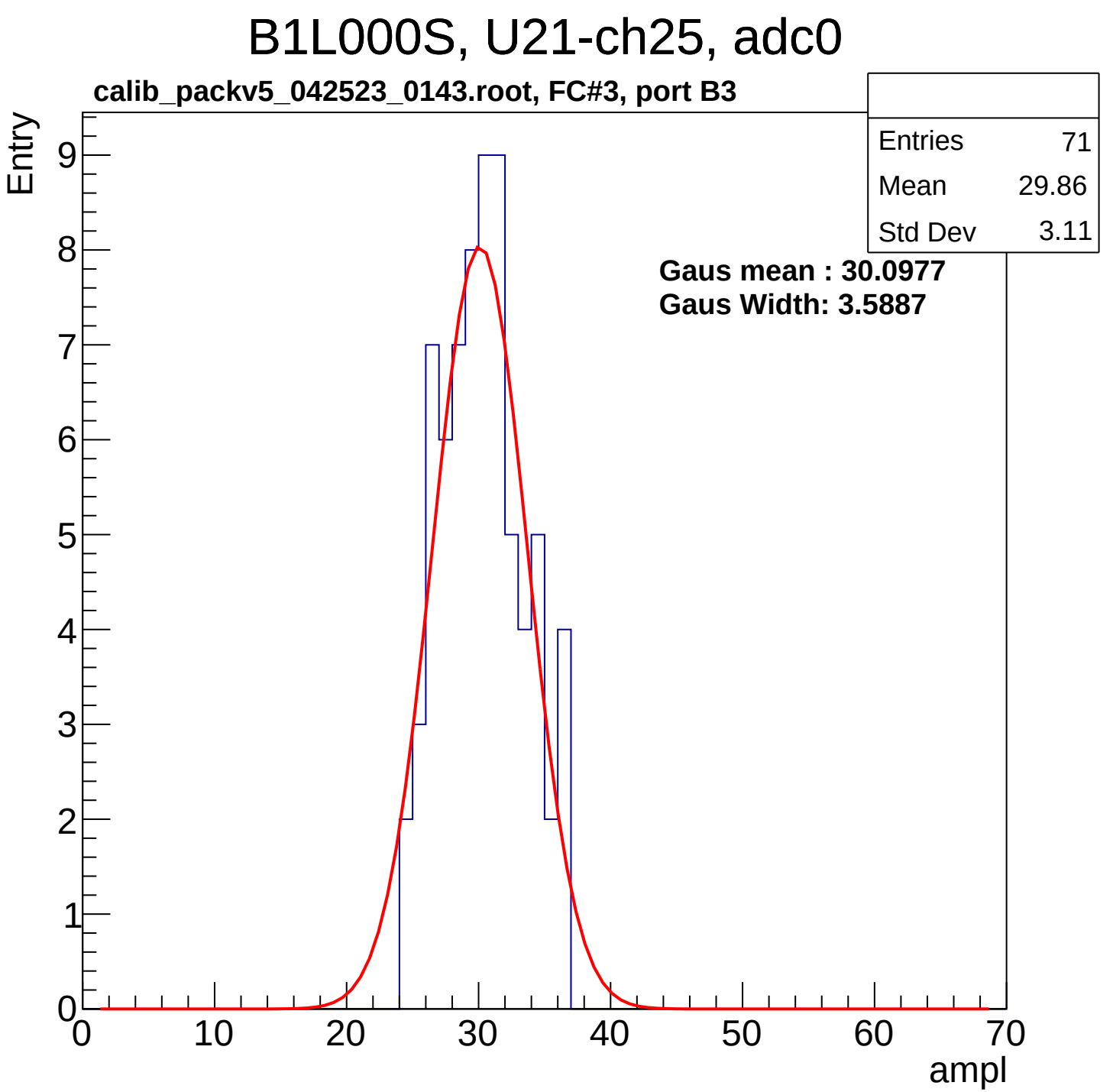

B1L000S, U21-ch24, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 47.22
Std Dev 3.202
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

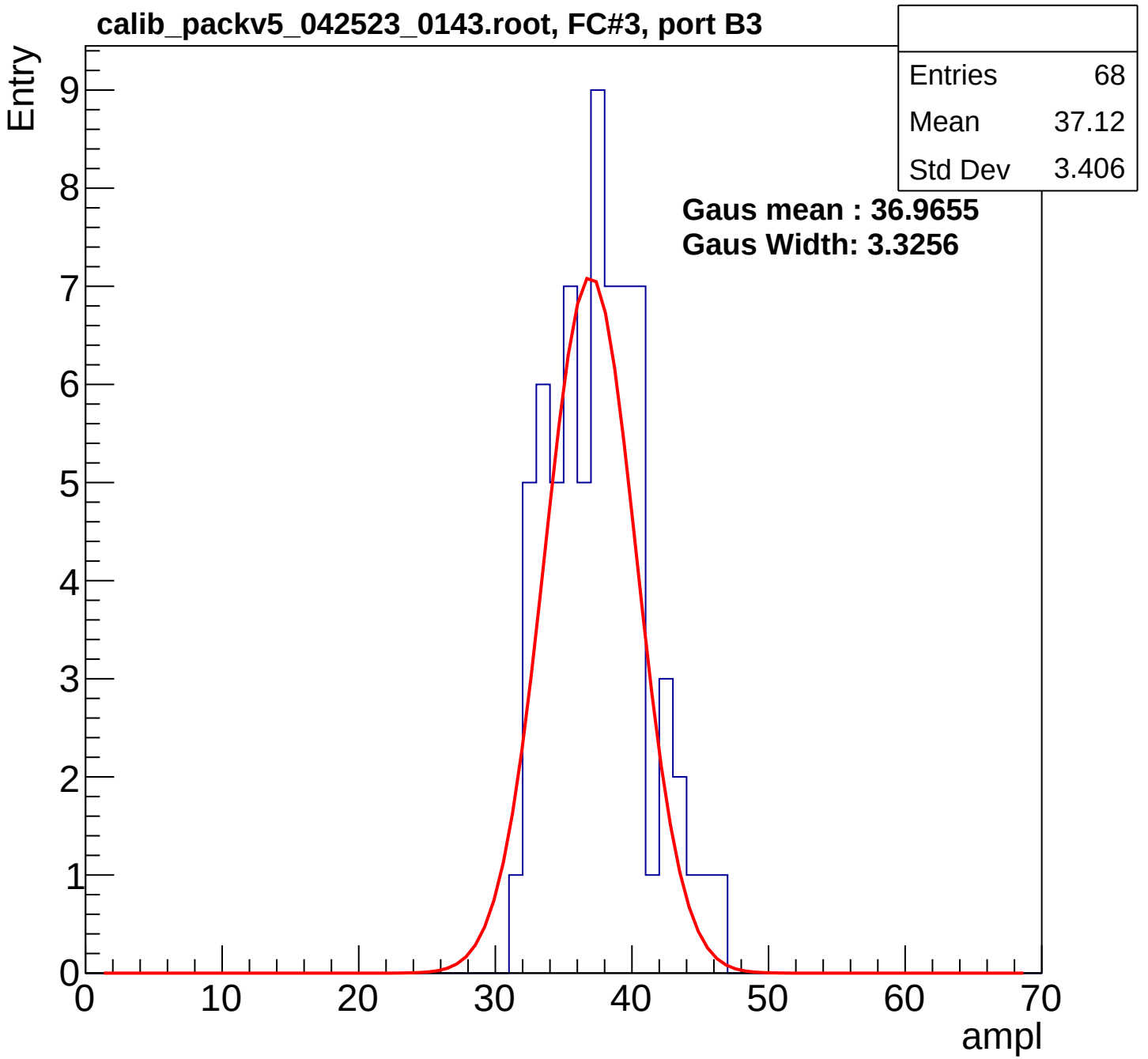

B1L000S, U21-ch24, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 53.19
Std Dev 2.617
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

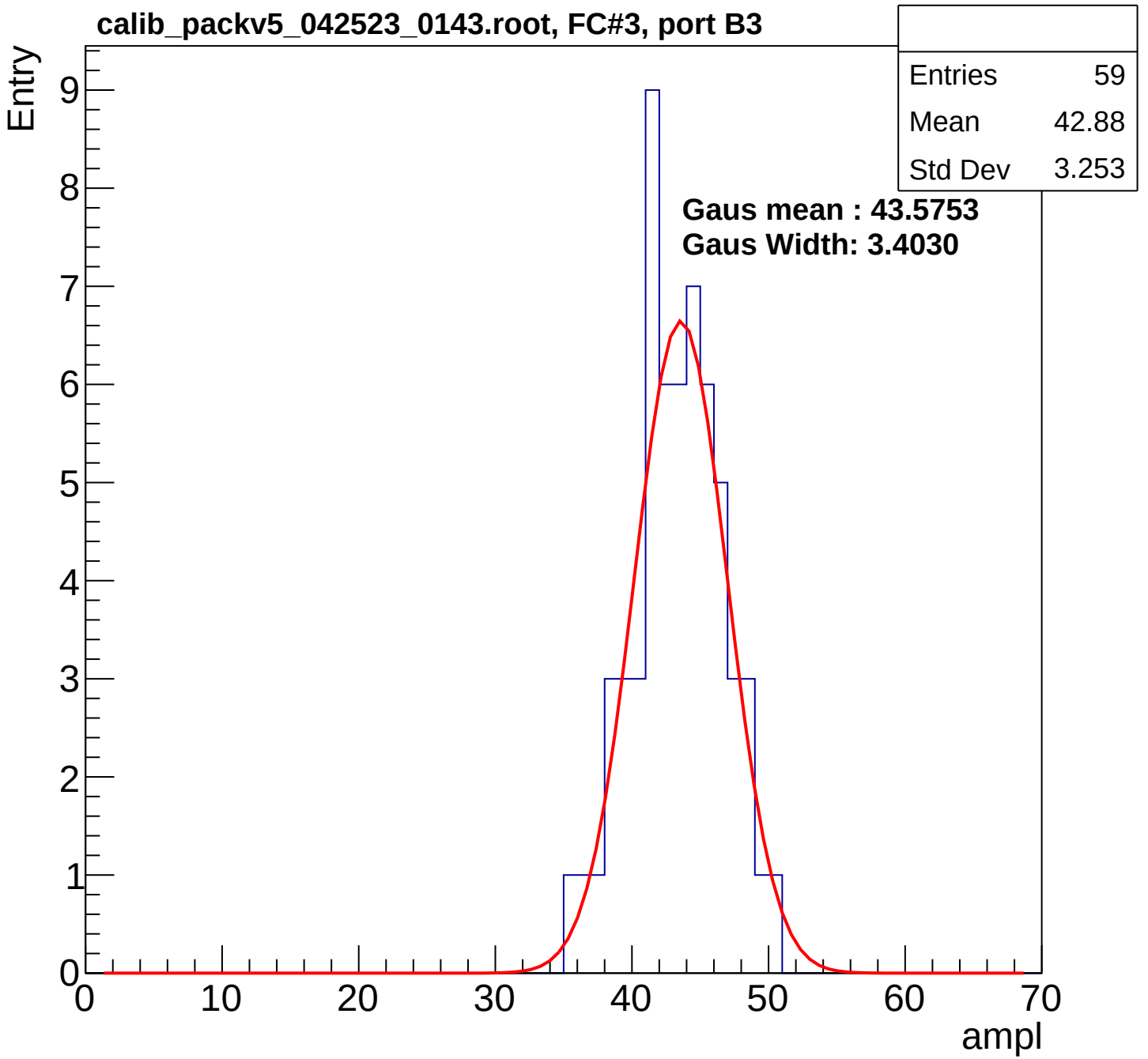

B1L000S, U21-ch24, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 57.28
Std Dev 7.662
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

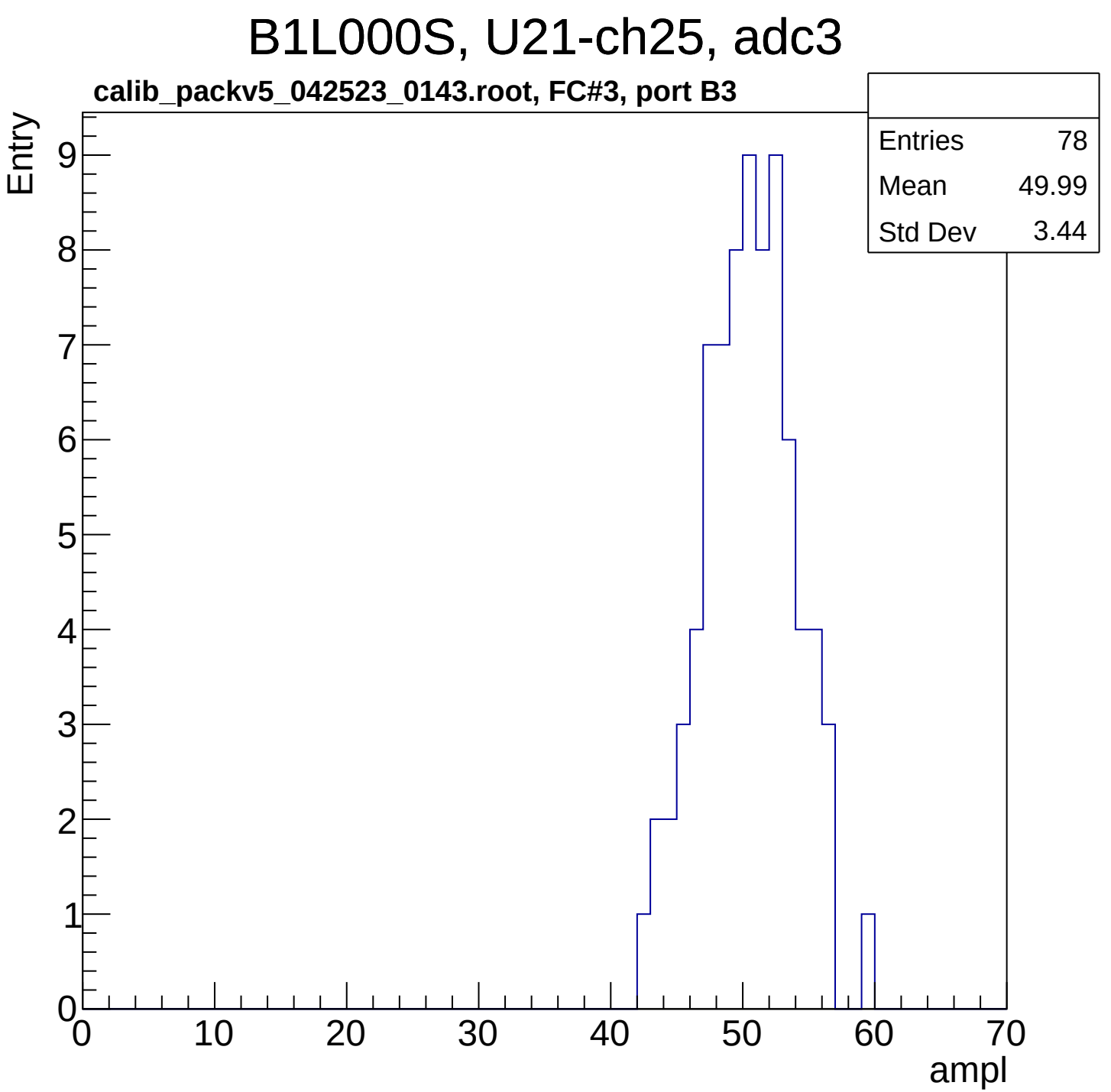

B1L000S, U21-ch24, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 61.88
Std Dev 1.182
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

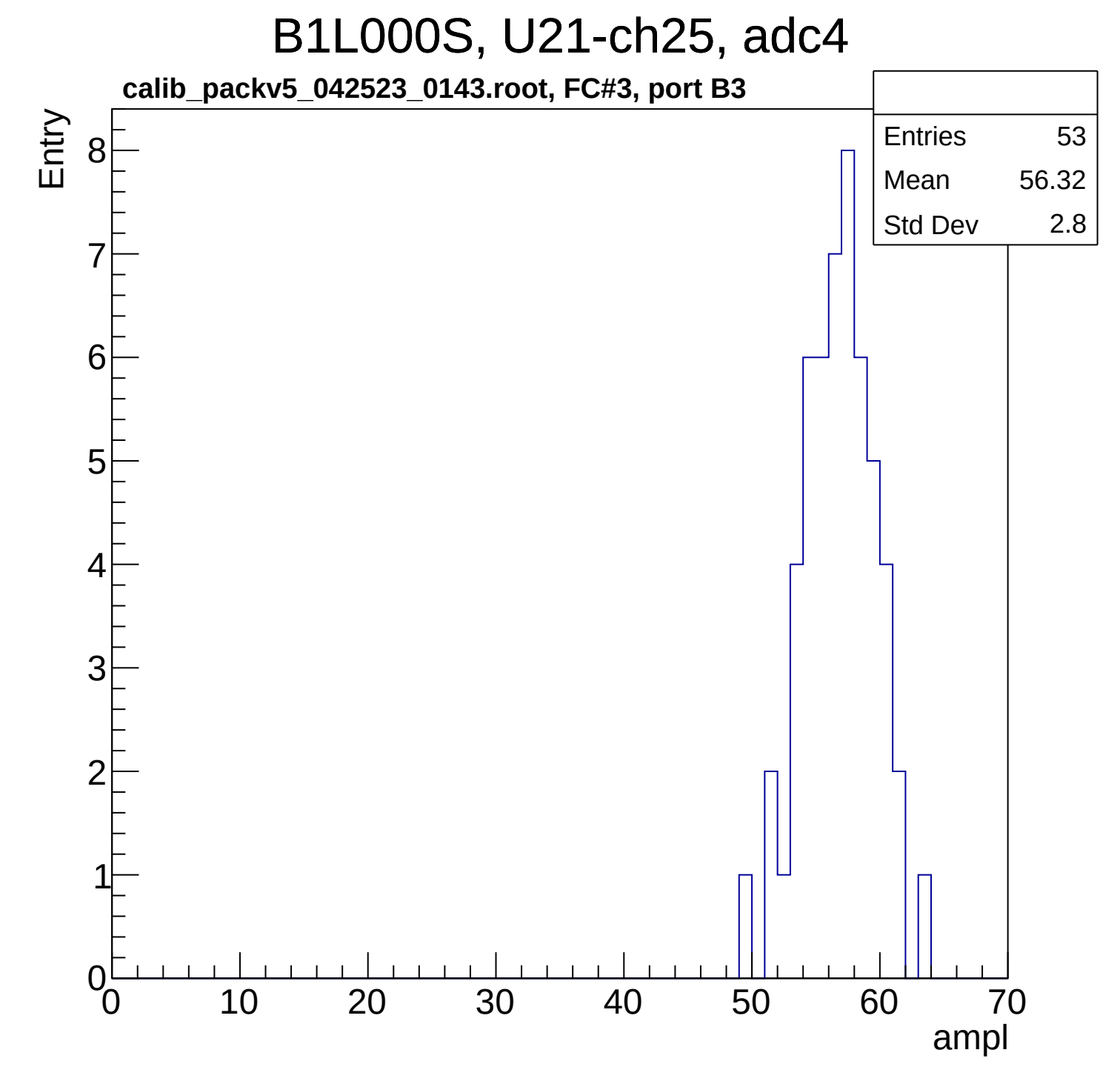

B1L000S, U21-ch24, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 22
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

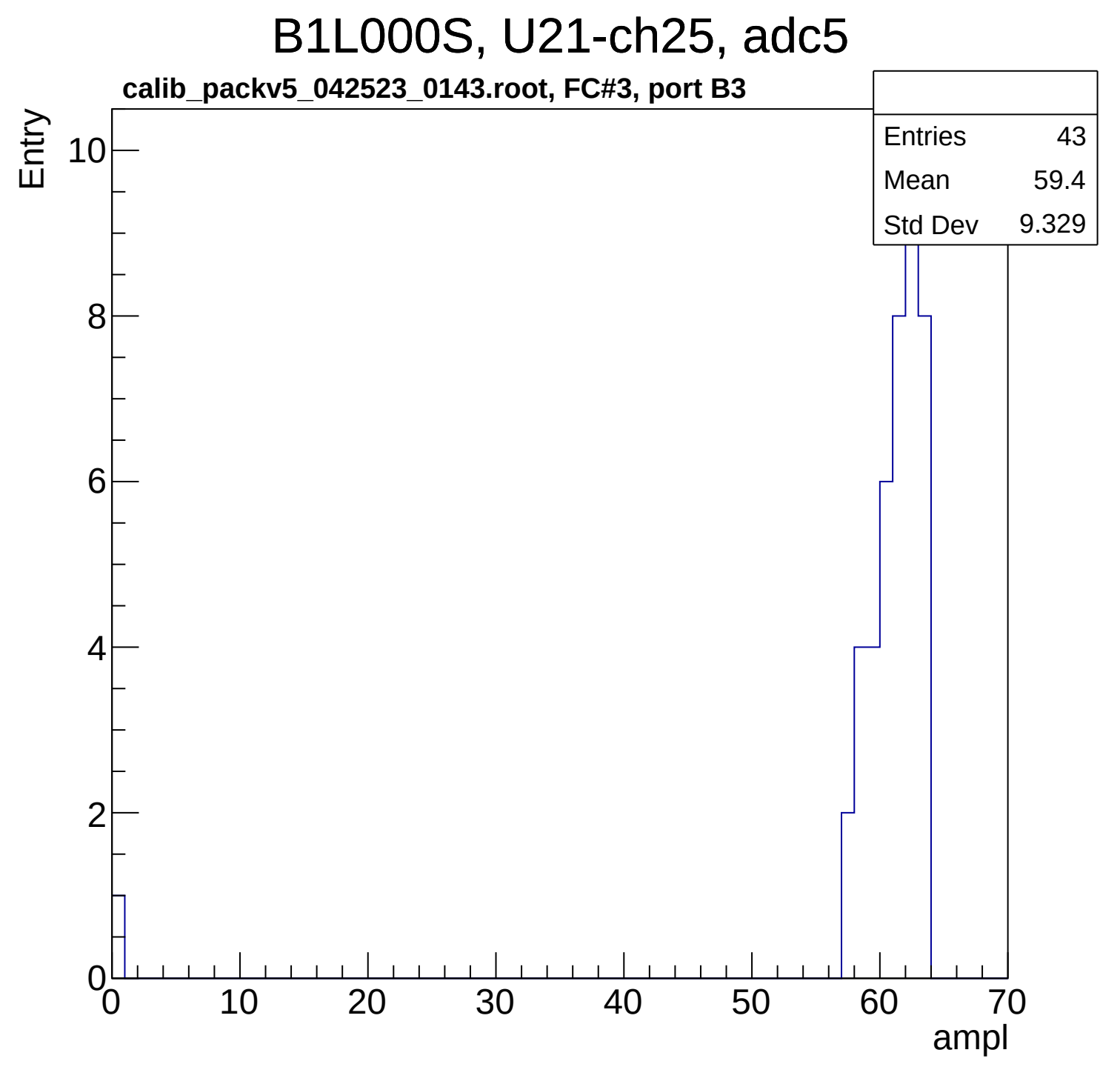

B1L000S, U21-ch25, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 29.86
Std Dev 3.11
Gaus mean : 30.0977
Gaus Width: 3.5887
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

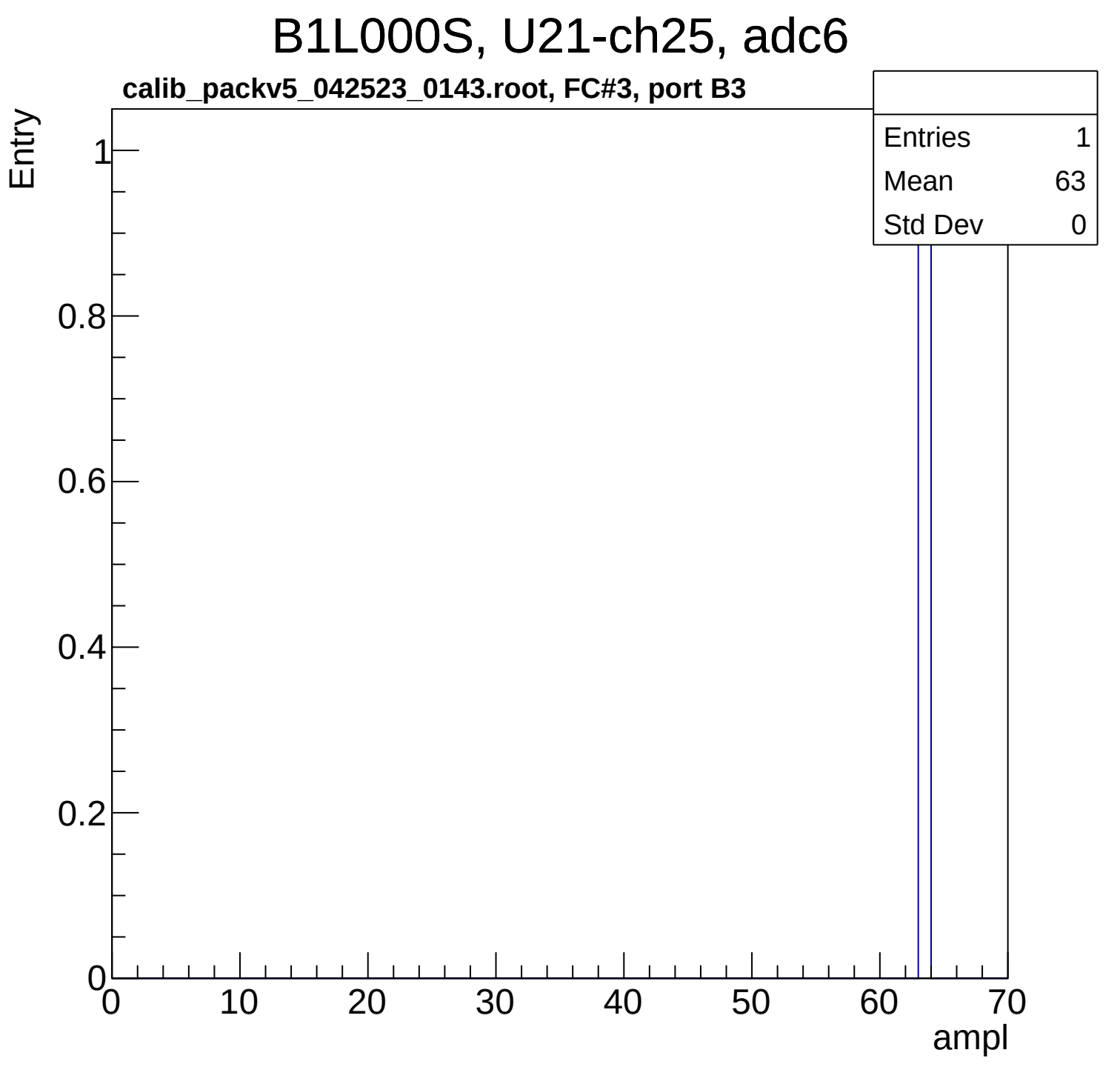

B1L000S, U21-ch25, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 37.12
Std Dev 3.406
Gaus mean : 36.9655
Gaus Width: 3.3256
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

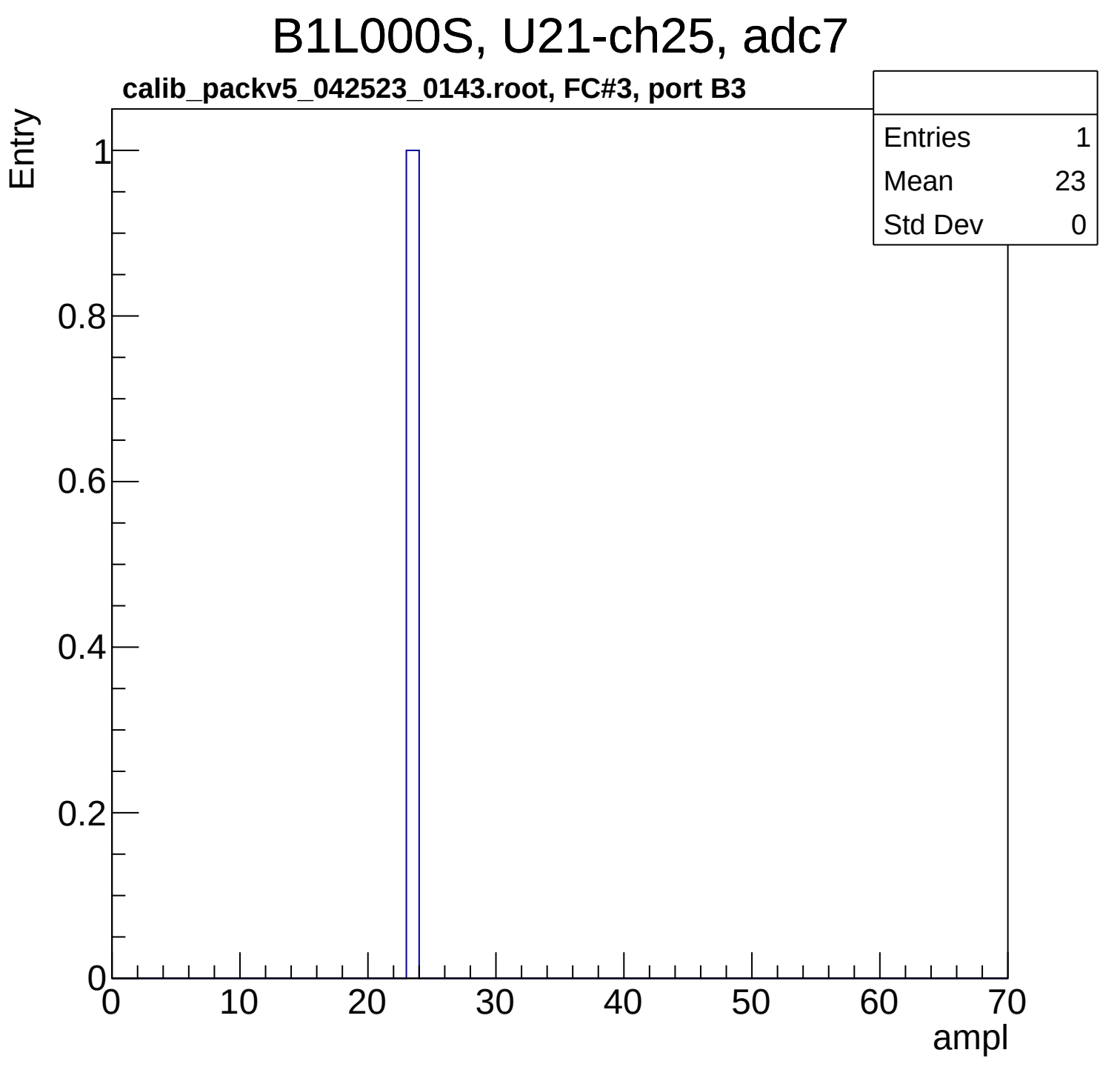

B1L000S, U21-ch25, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 42.88
Std Dev 3.253
Gaus mean : 43.5753
Gaus Width: 3.4030
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

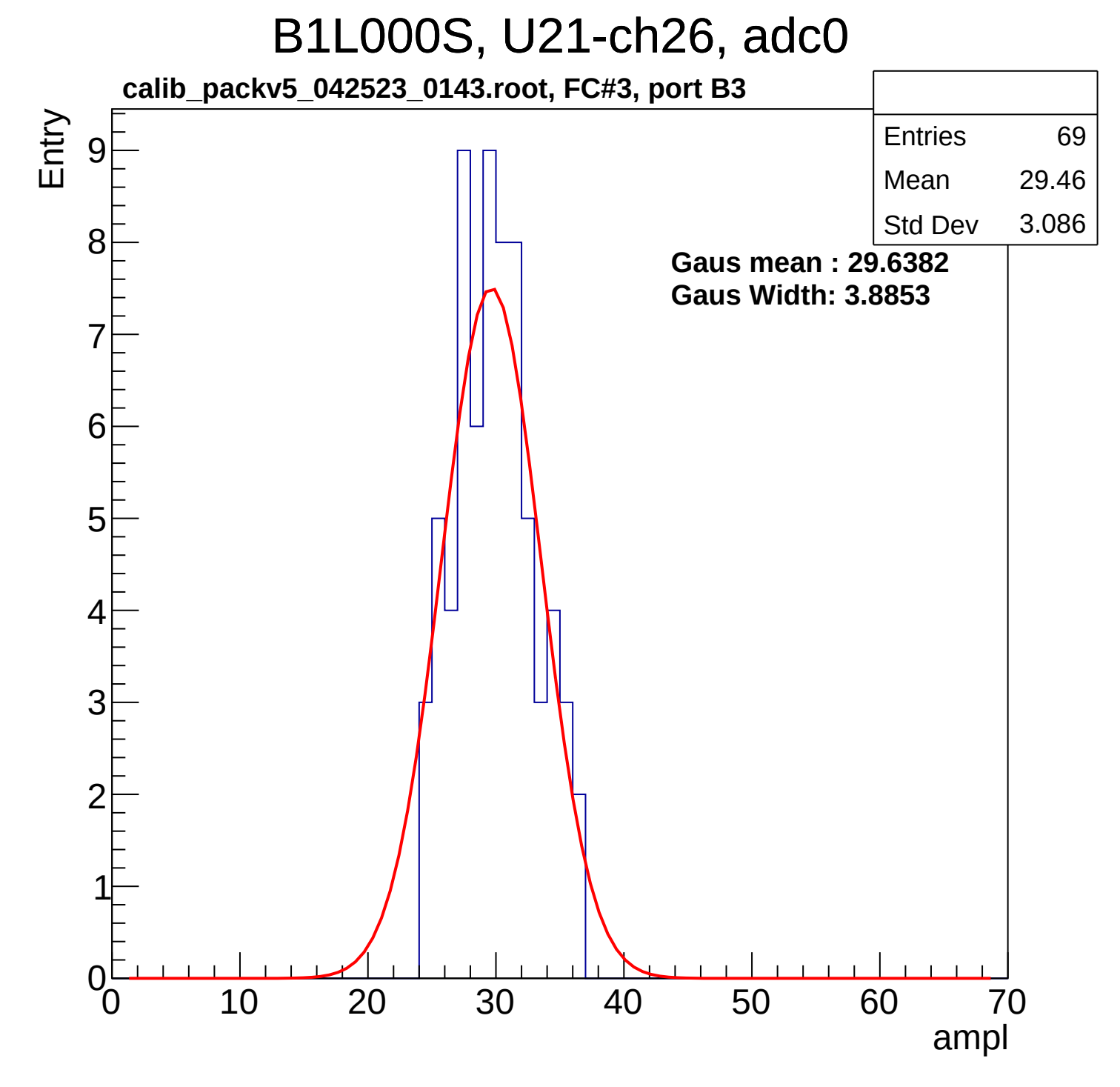

B1L000S, U21-ch25, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 49.99
Std Dev 3.44
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

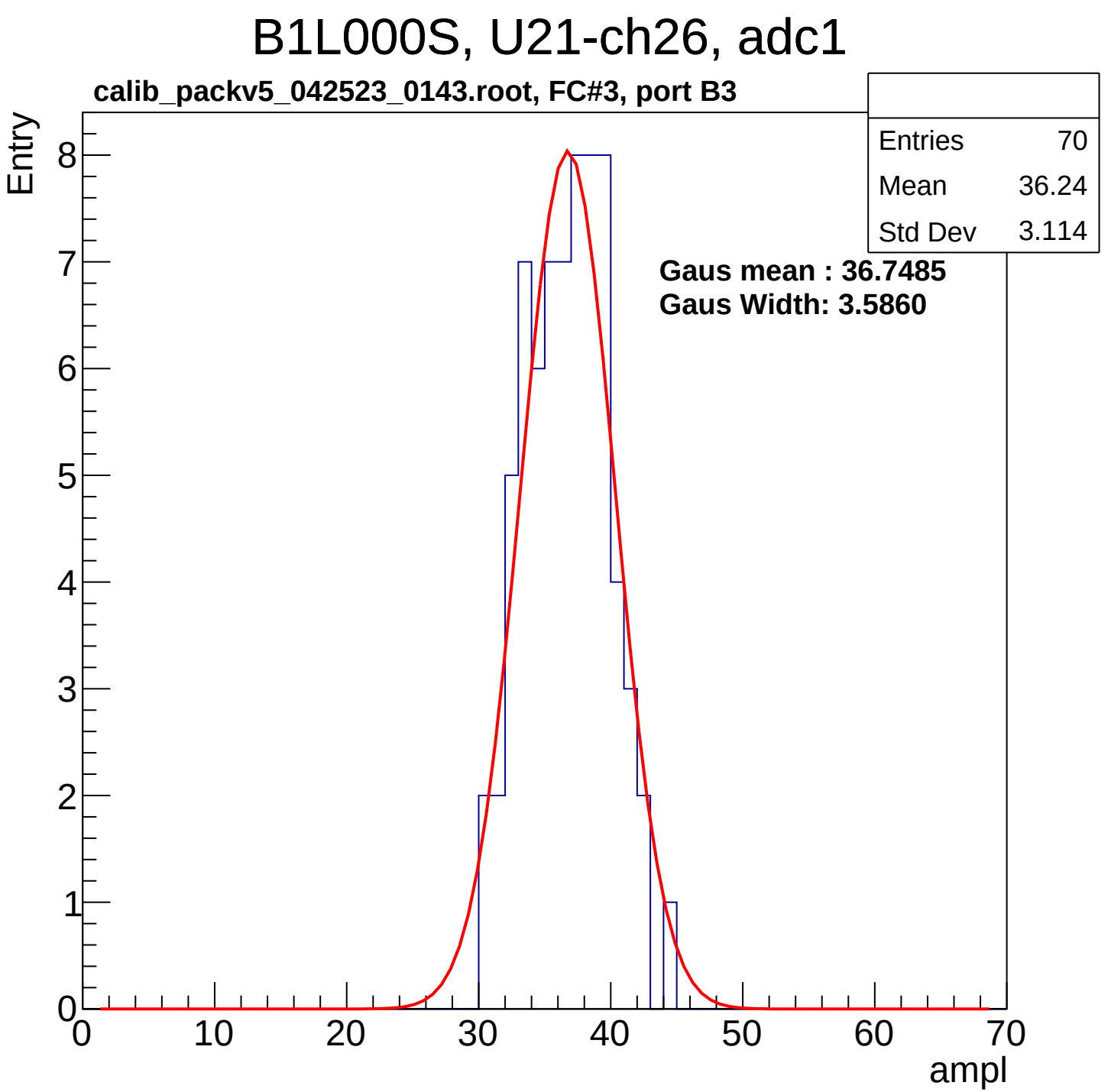

B1L000S, U21-ch25, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 56.32
Std Dev 2.8
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

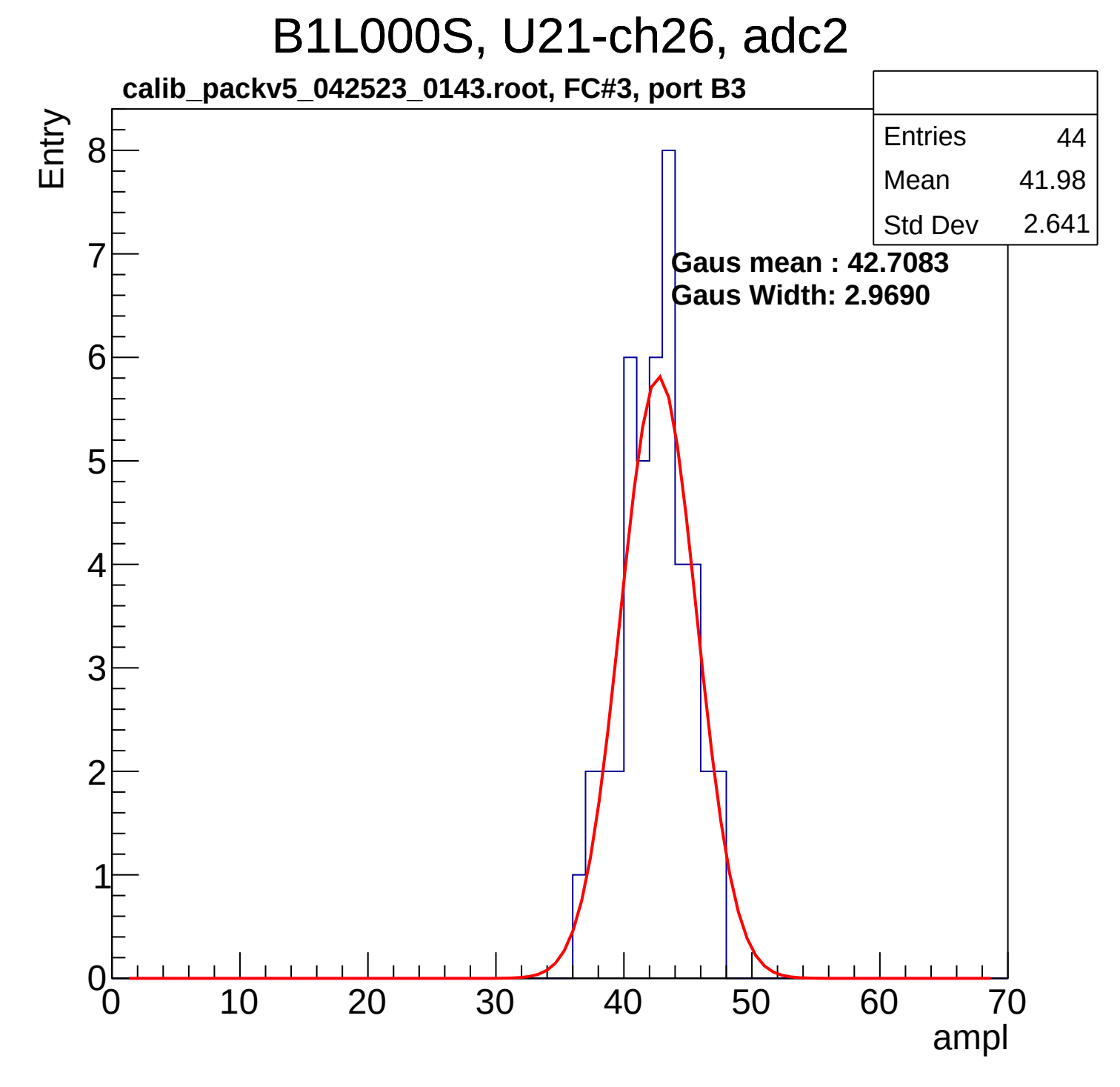

B1L000S, U21-ch25, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 59.4
Std Dev 9.329
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

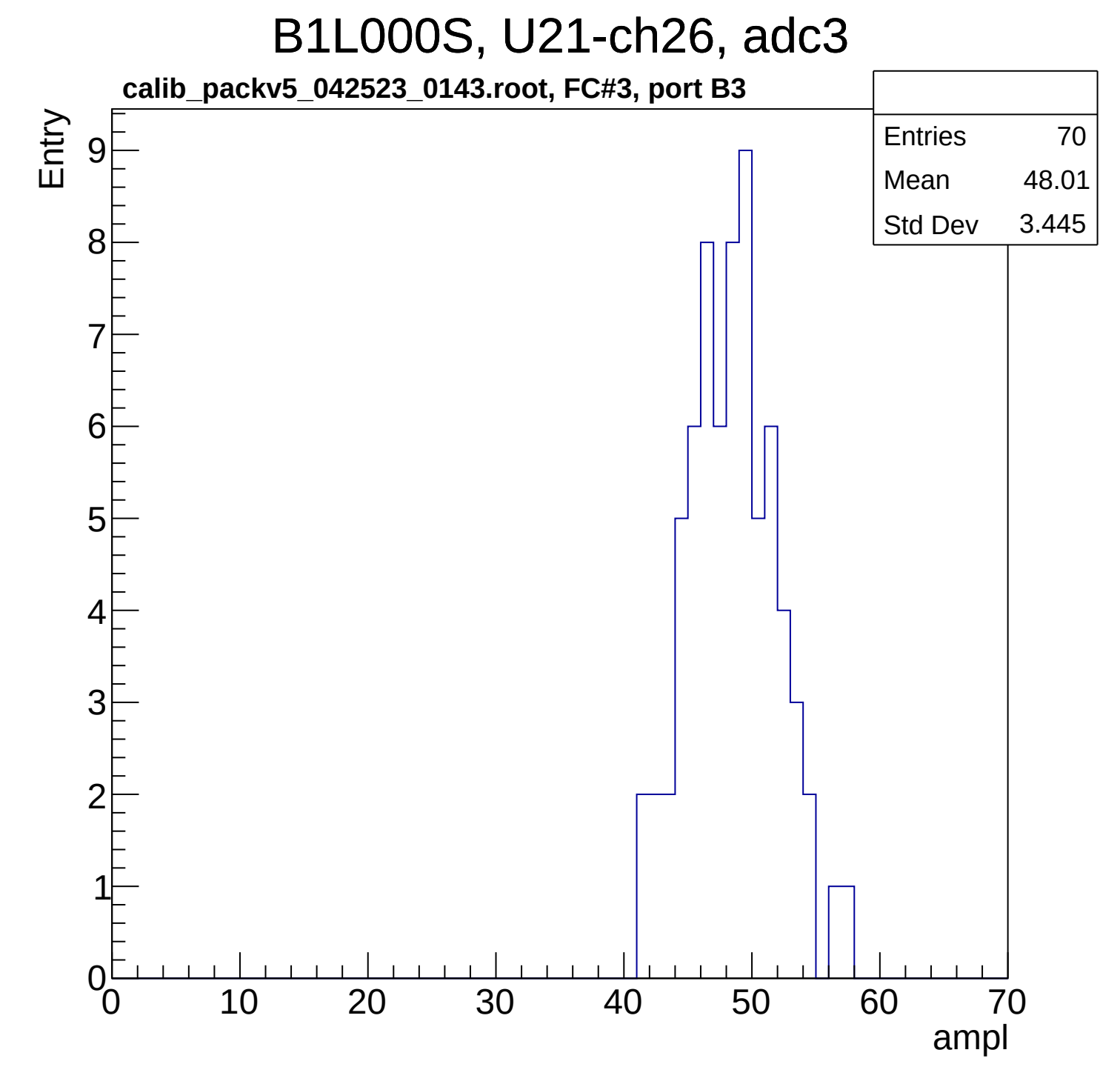

B1L000S, U21-ch25, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

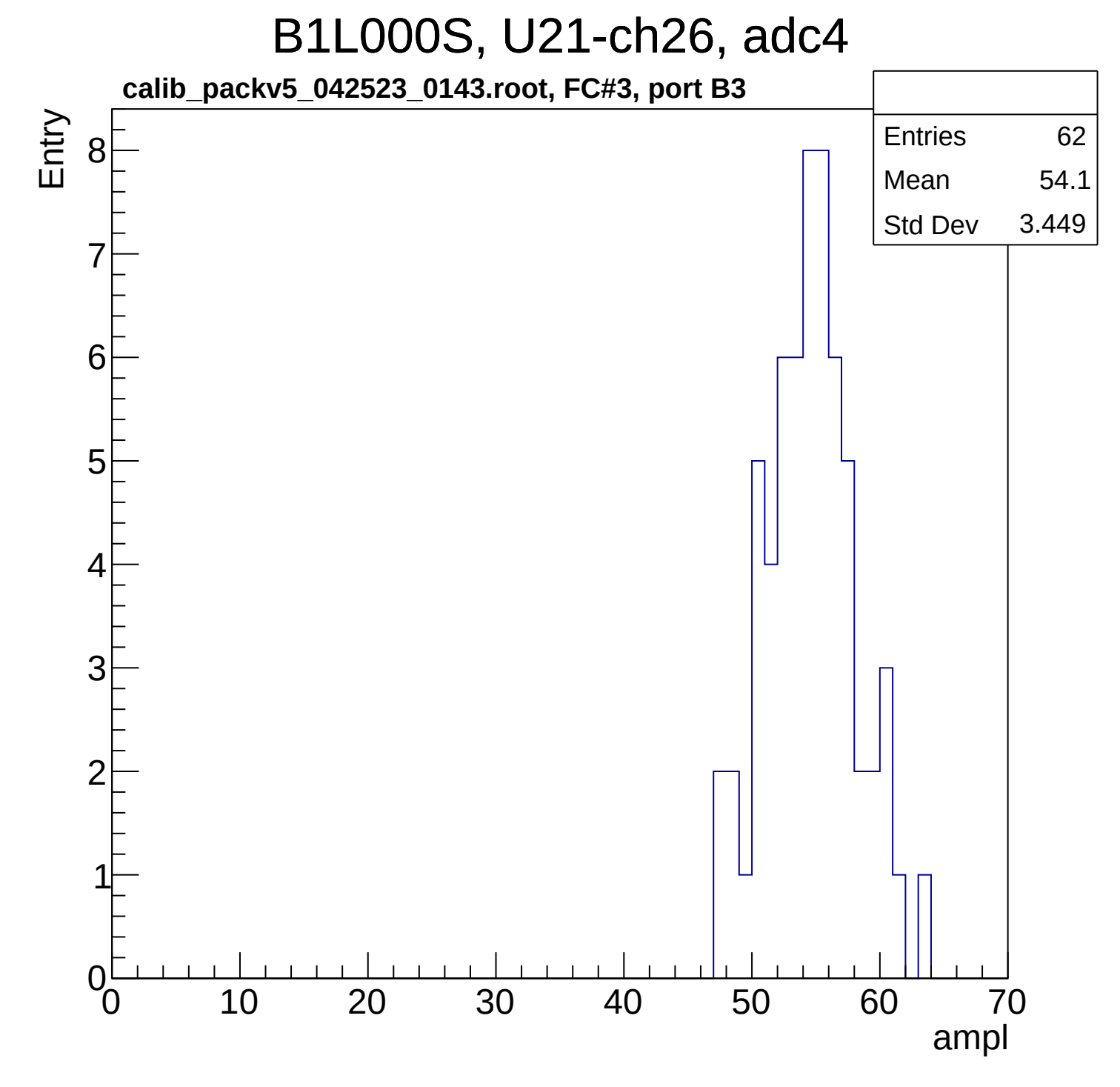

B1L000S, U21-ch25, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 23
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

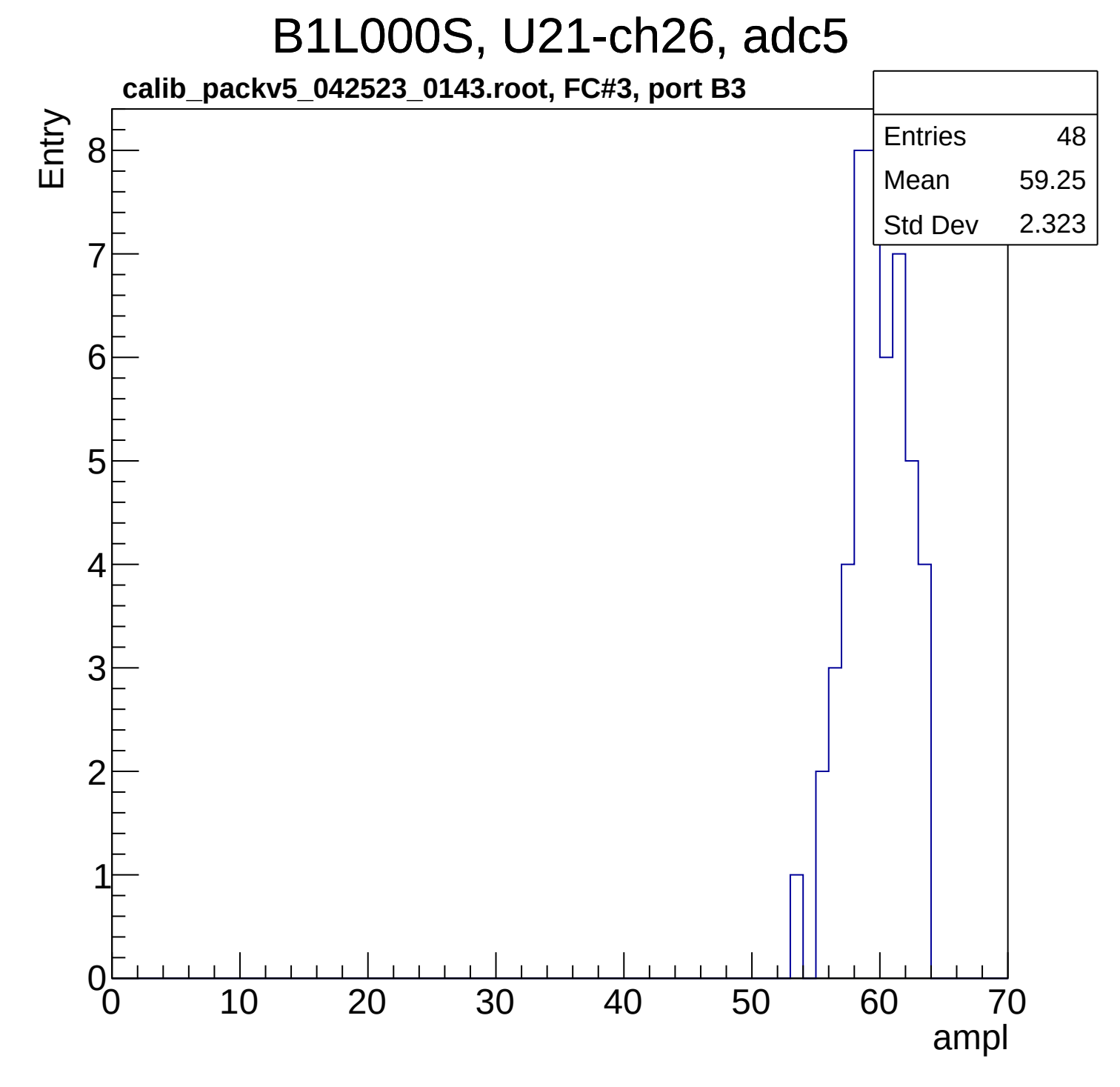

B1L000S, U21-ch26, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 29.46
Std Dev 3.086
Gaus mean : 29.6382
Gaus Width: 3.8853
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

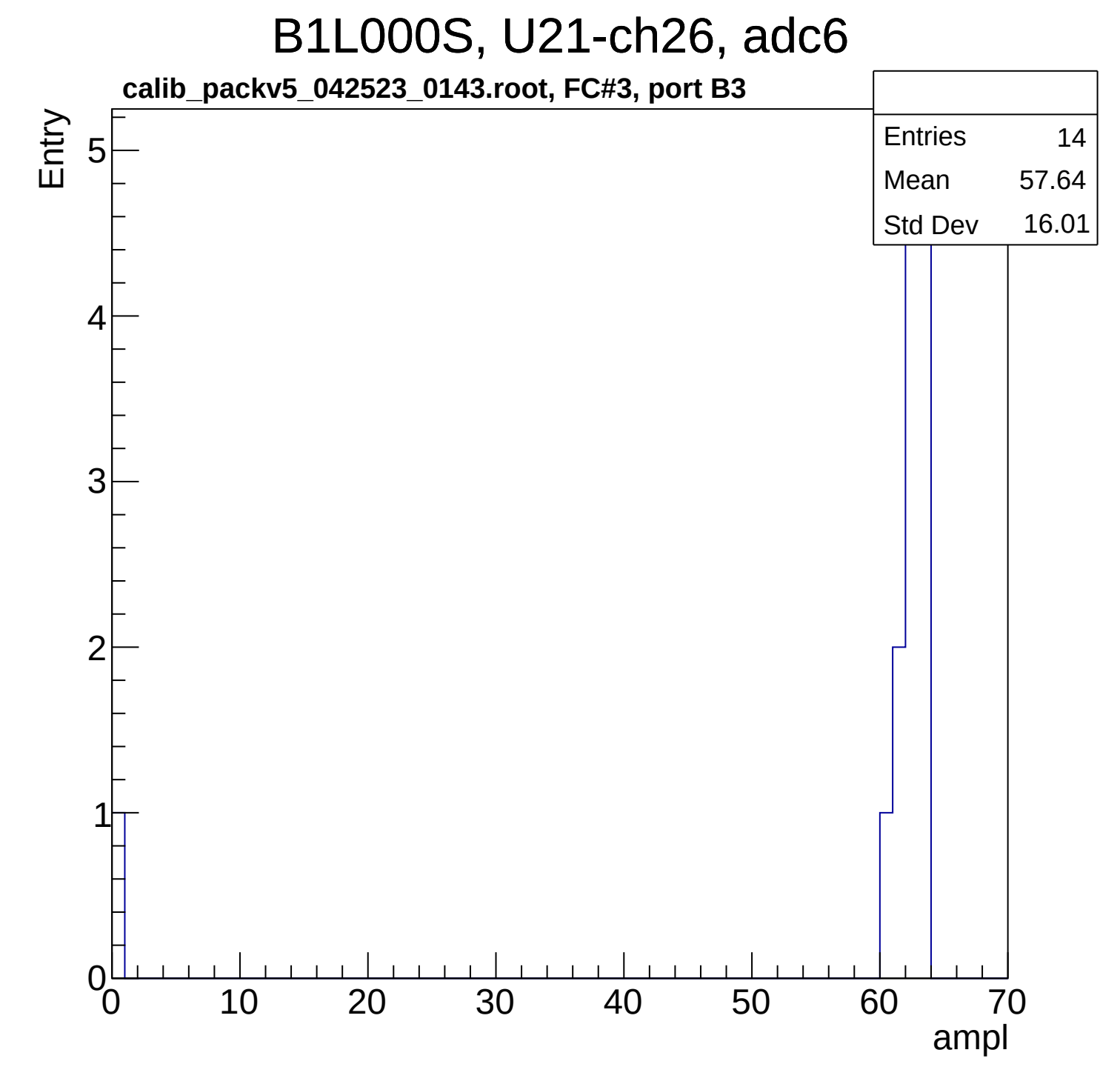

B1L000S, U21-ch26, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 36.24
Std Dev 3.114
Gaus mean : 36.7485
Gaus Width: 3.5860
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

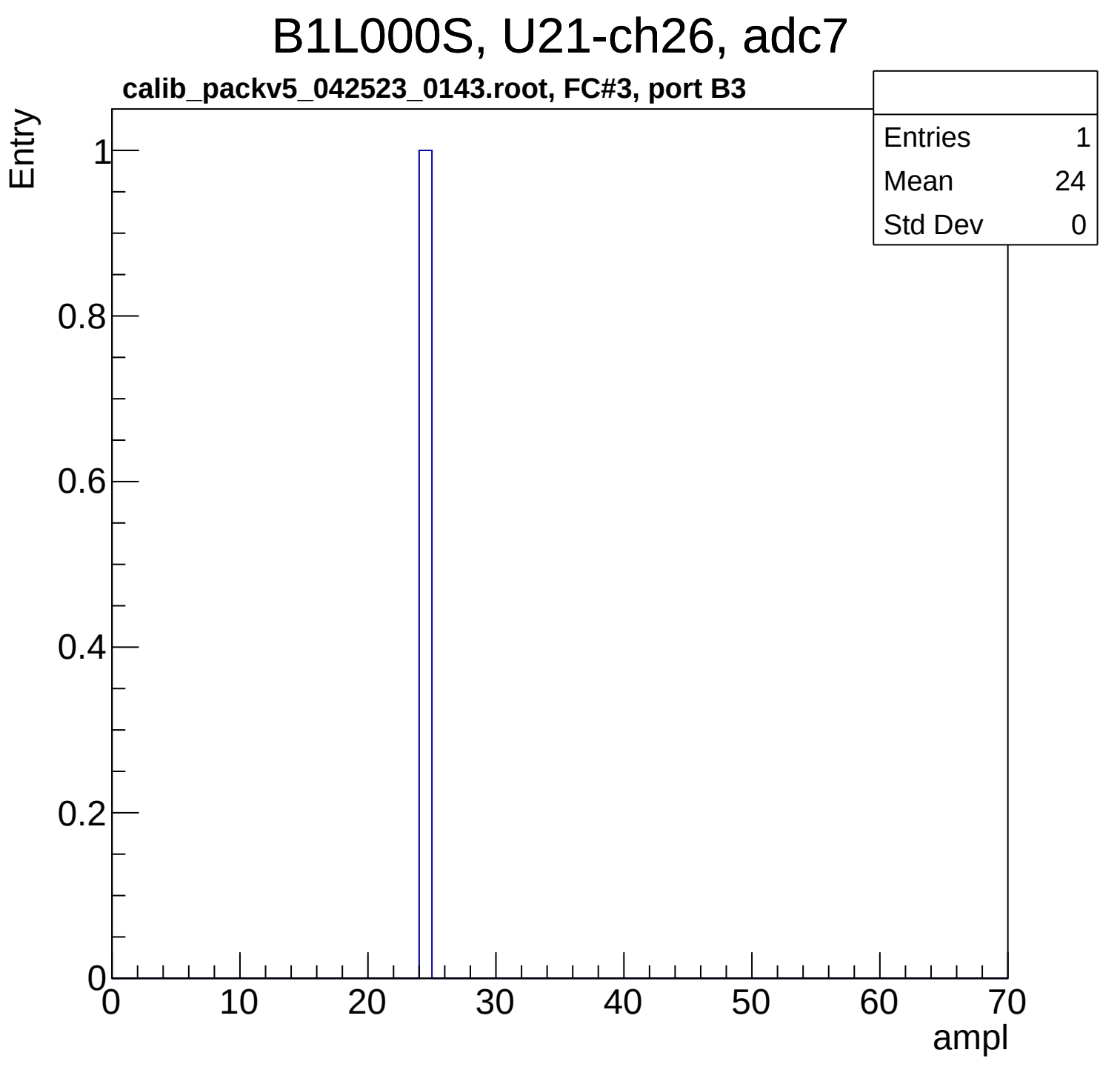

B1L000S, U21-ch26, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 41.98
Std Dev 2.641
Gaus mean : 42.7083
Gaus Width: 2.9690
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

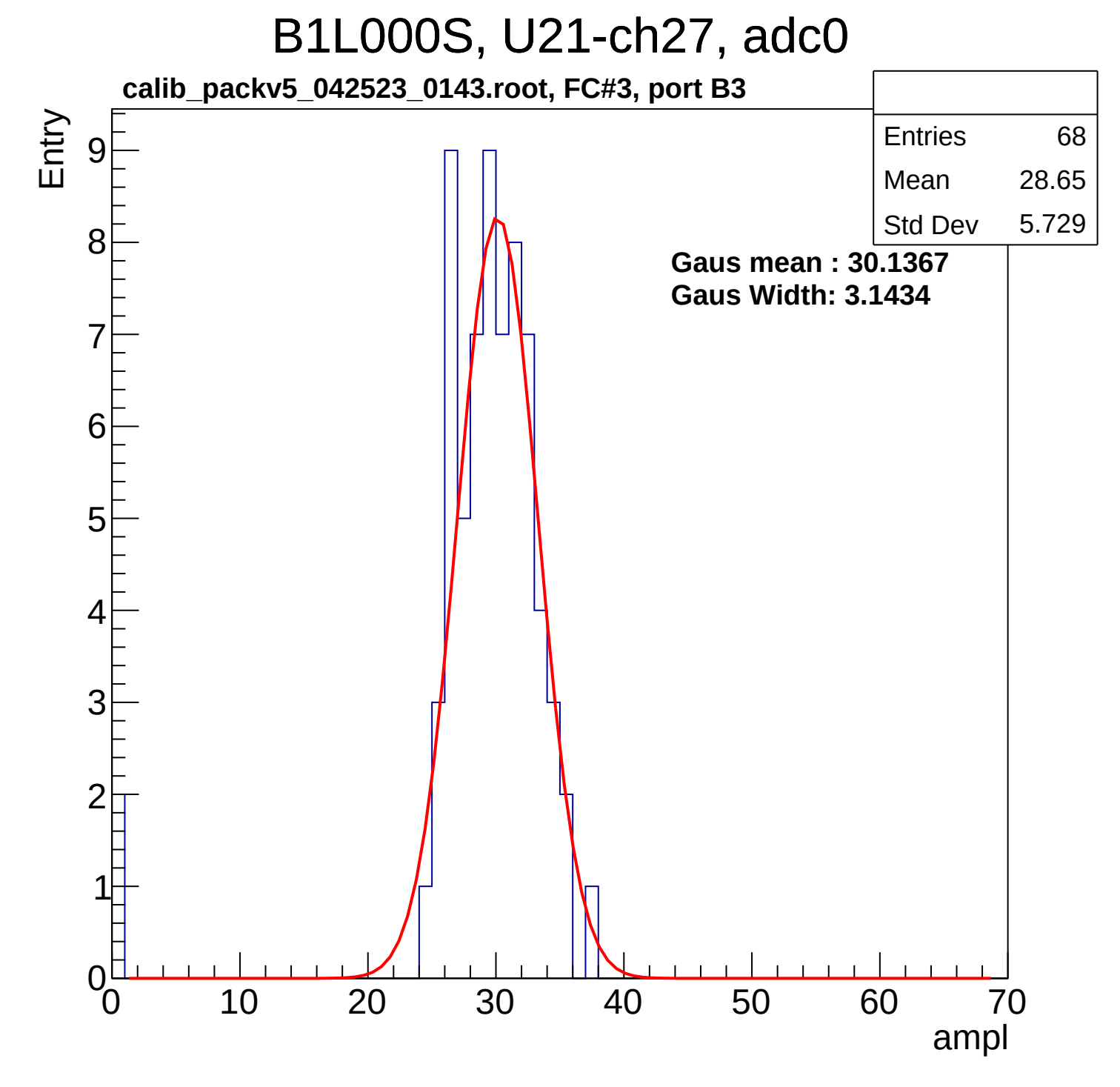

B1L000S, U21-ch26, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 48.01
Std Dev 3.445
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

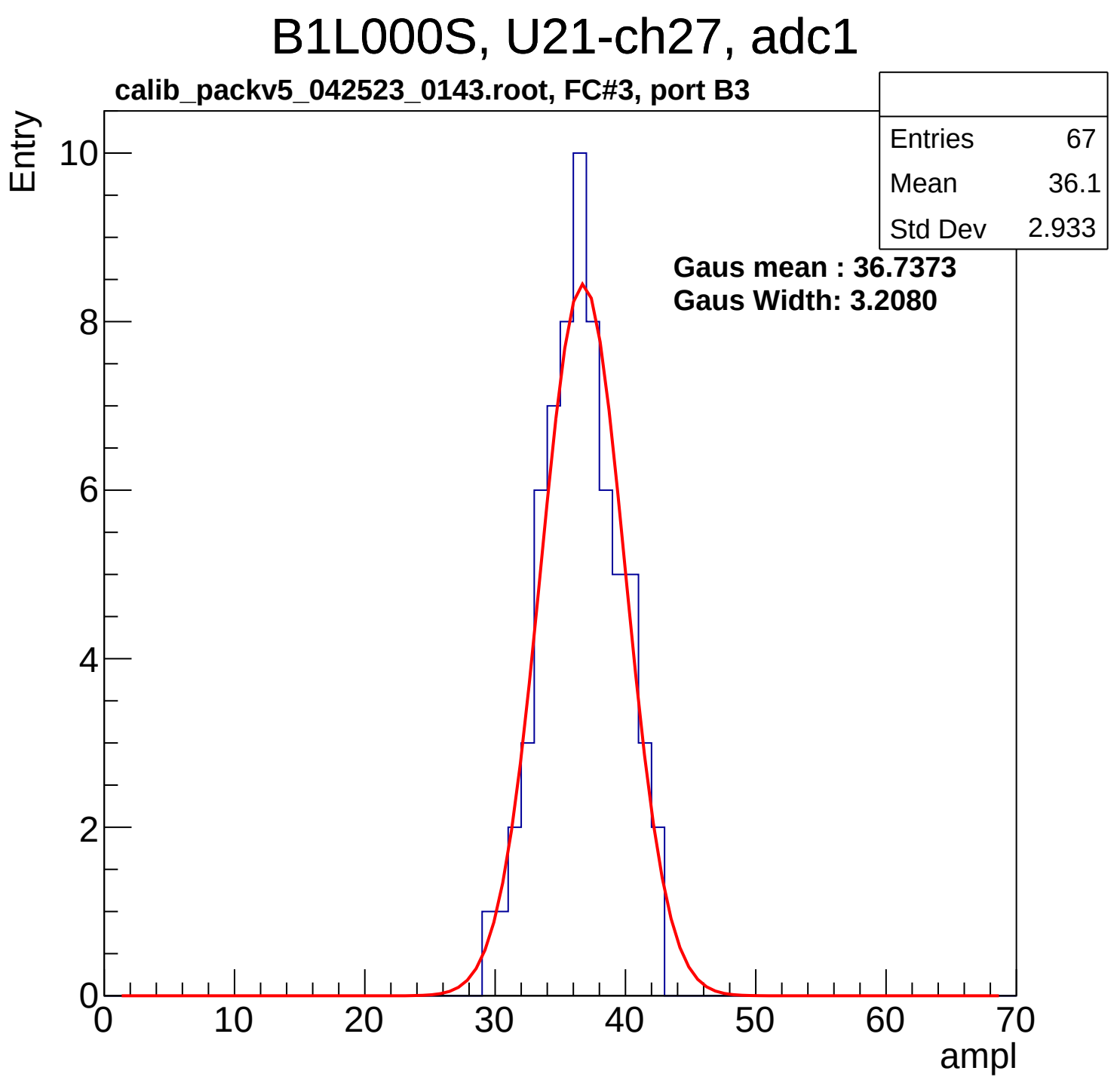

B1L000S, U21-ch26, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 54.1
Std Dev 3.449
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

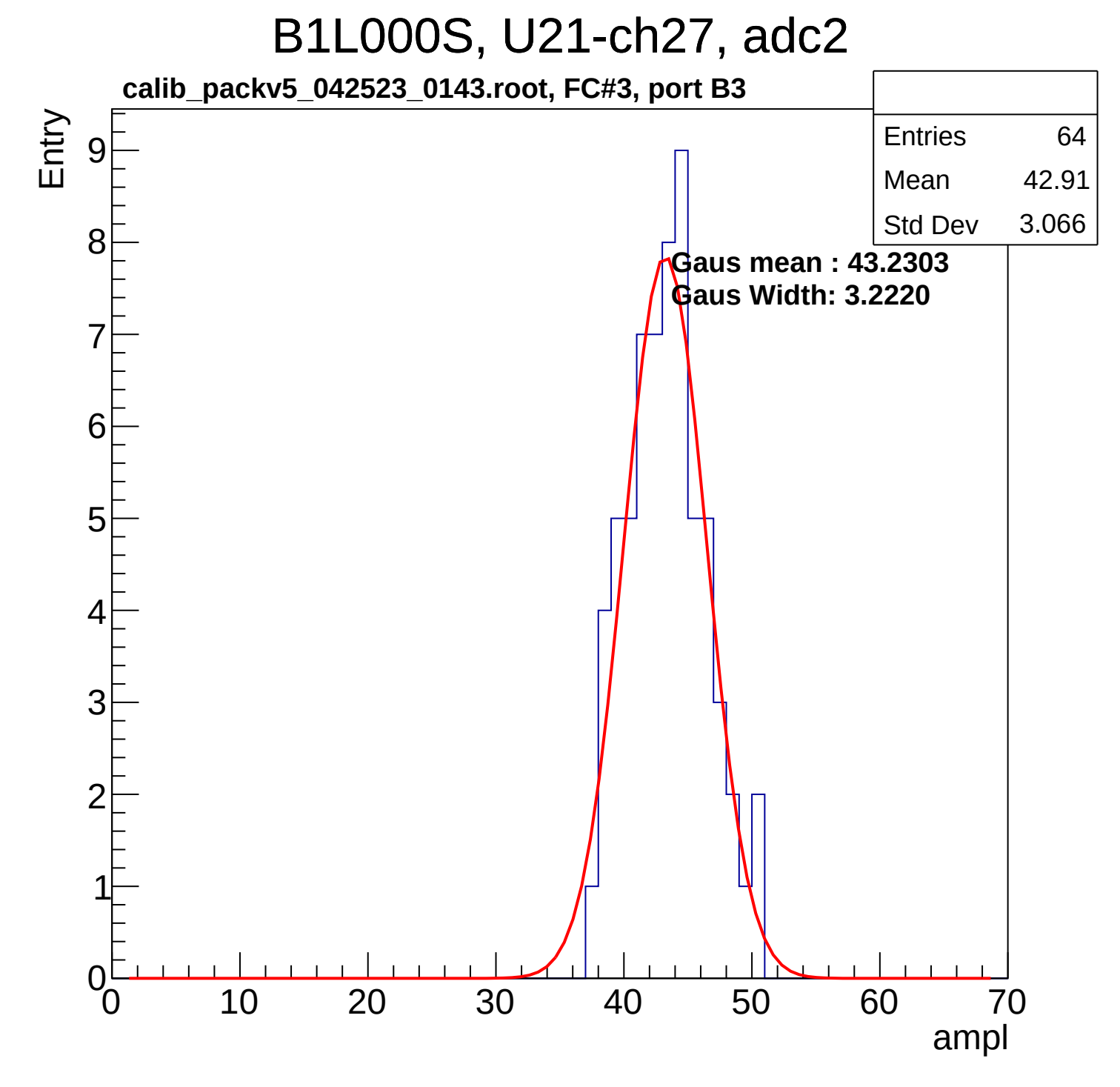

B1L000S, U21-ch26, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 59.25
Std Dev 2.323
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

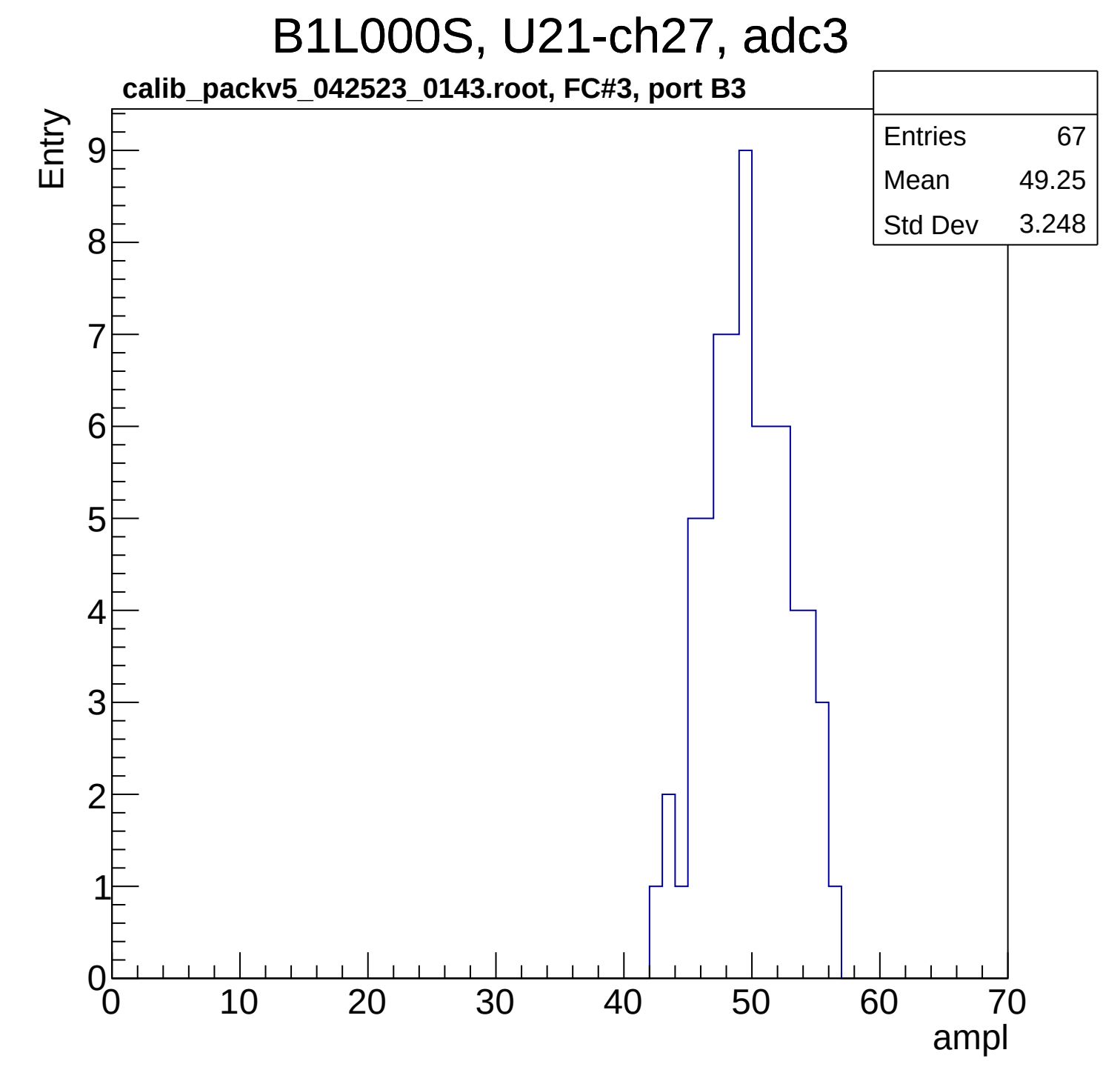

B1L000S, U21-ch26, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 57.64
Std Dev 16.01
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

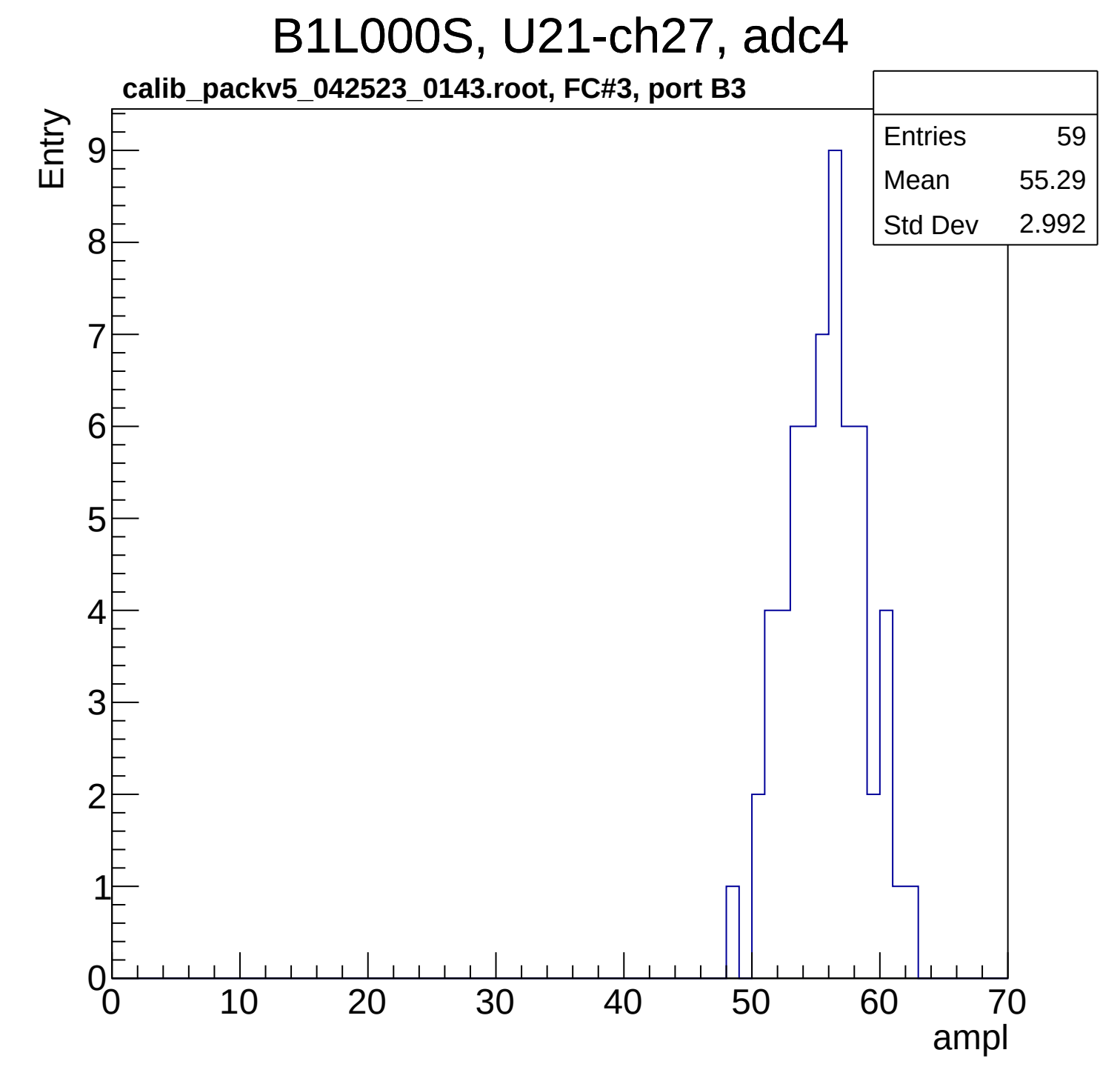

B1L000S, U21-ch26, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 24
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

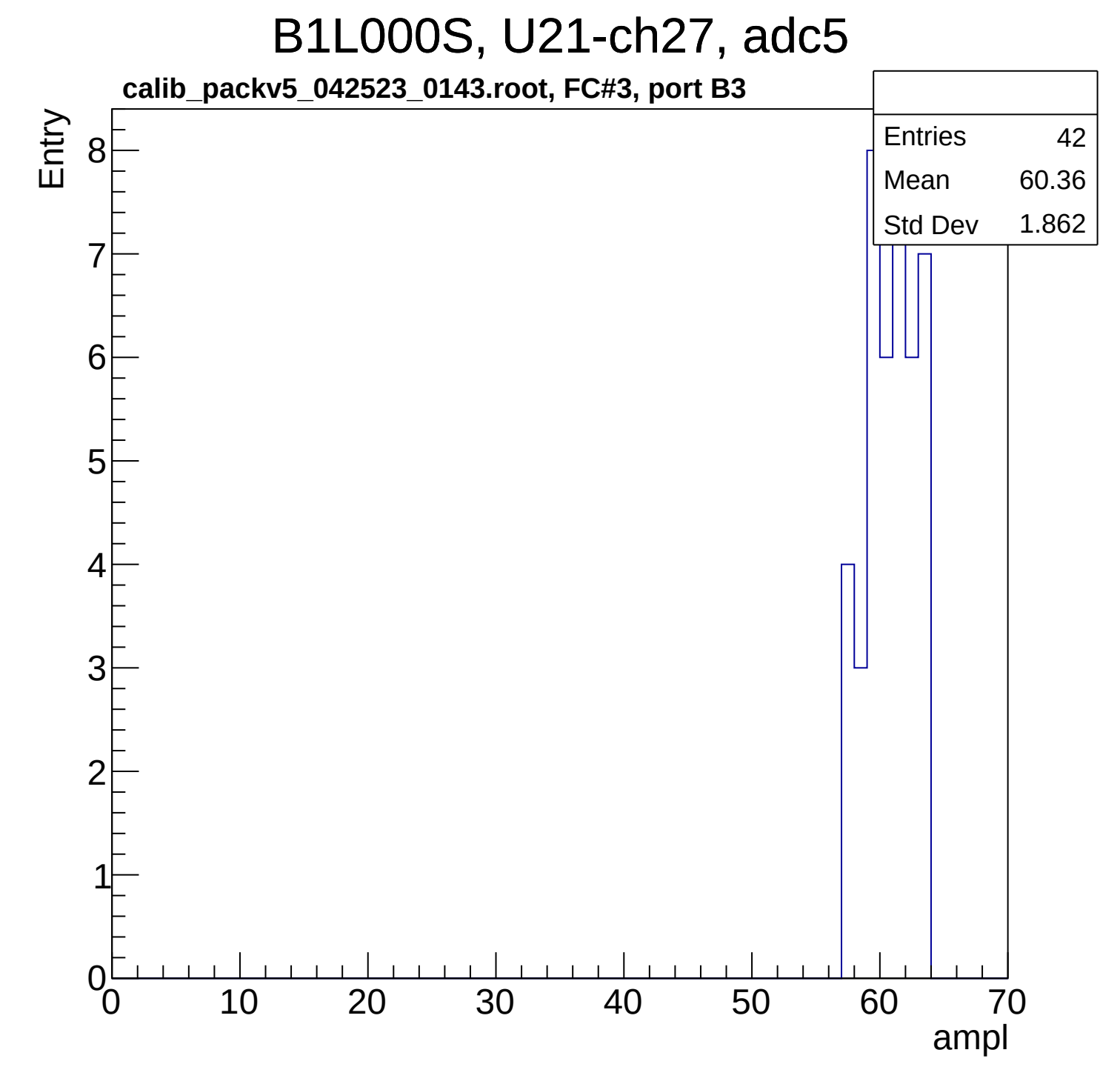

B1L000S, U21-ch27, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 28.65
Std Dev 5.729
Gaus mean : 30.1367
Gaus Width: 3.1434
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

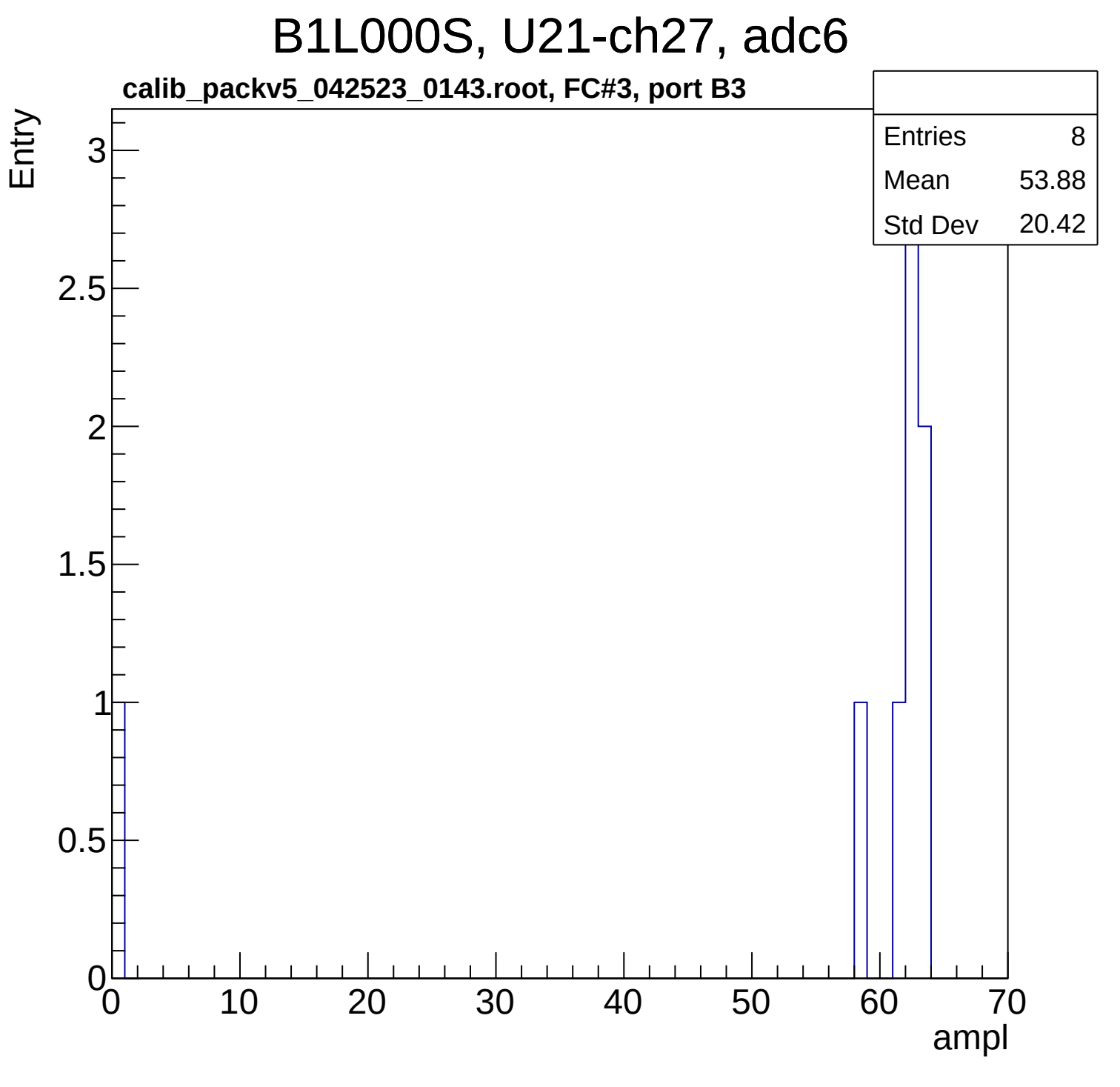

B1L000S, U21-ch27, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 36.1
Std Dev 2.933
Gaus mean : 36.7373
Gaus Width: 3.2080
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

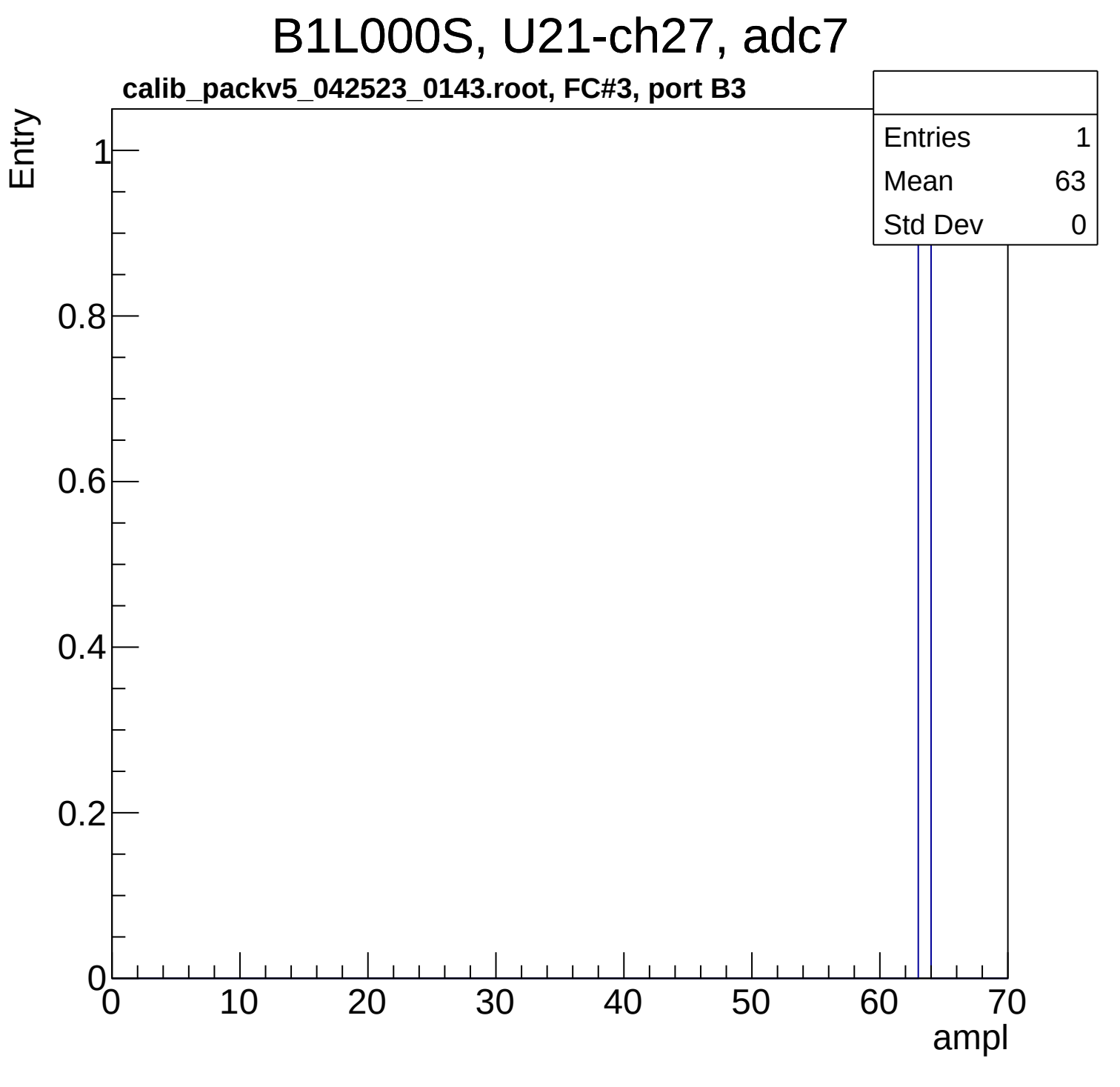

B1L000S, U21-ch27, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 42.91
Std Dev 3.066
Gaus mean : 43.2303
Gaus Width: 3.2220
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

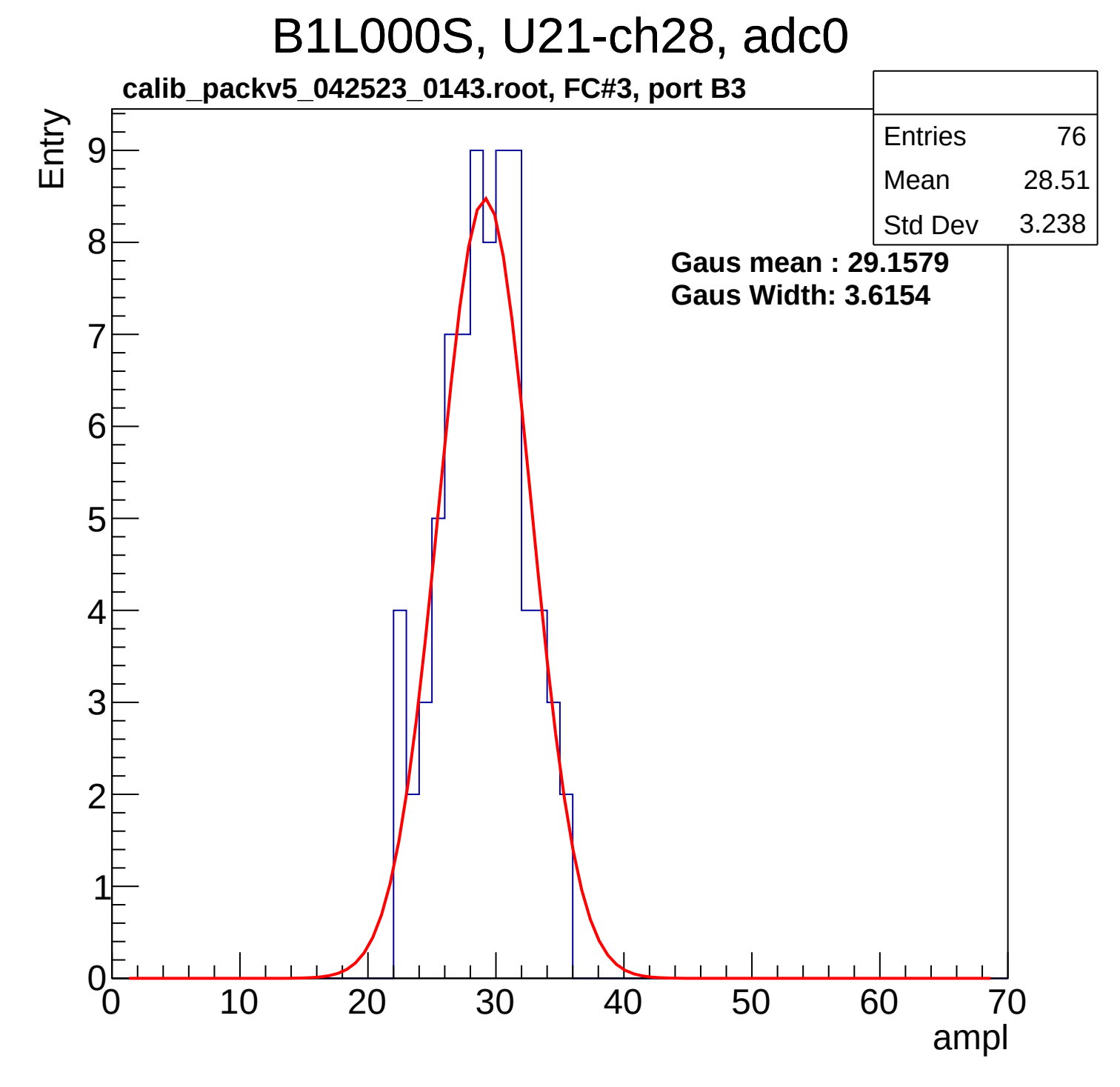

B1L000S, U21-ch27, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 49.25
Std Dev 3.248
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

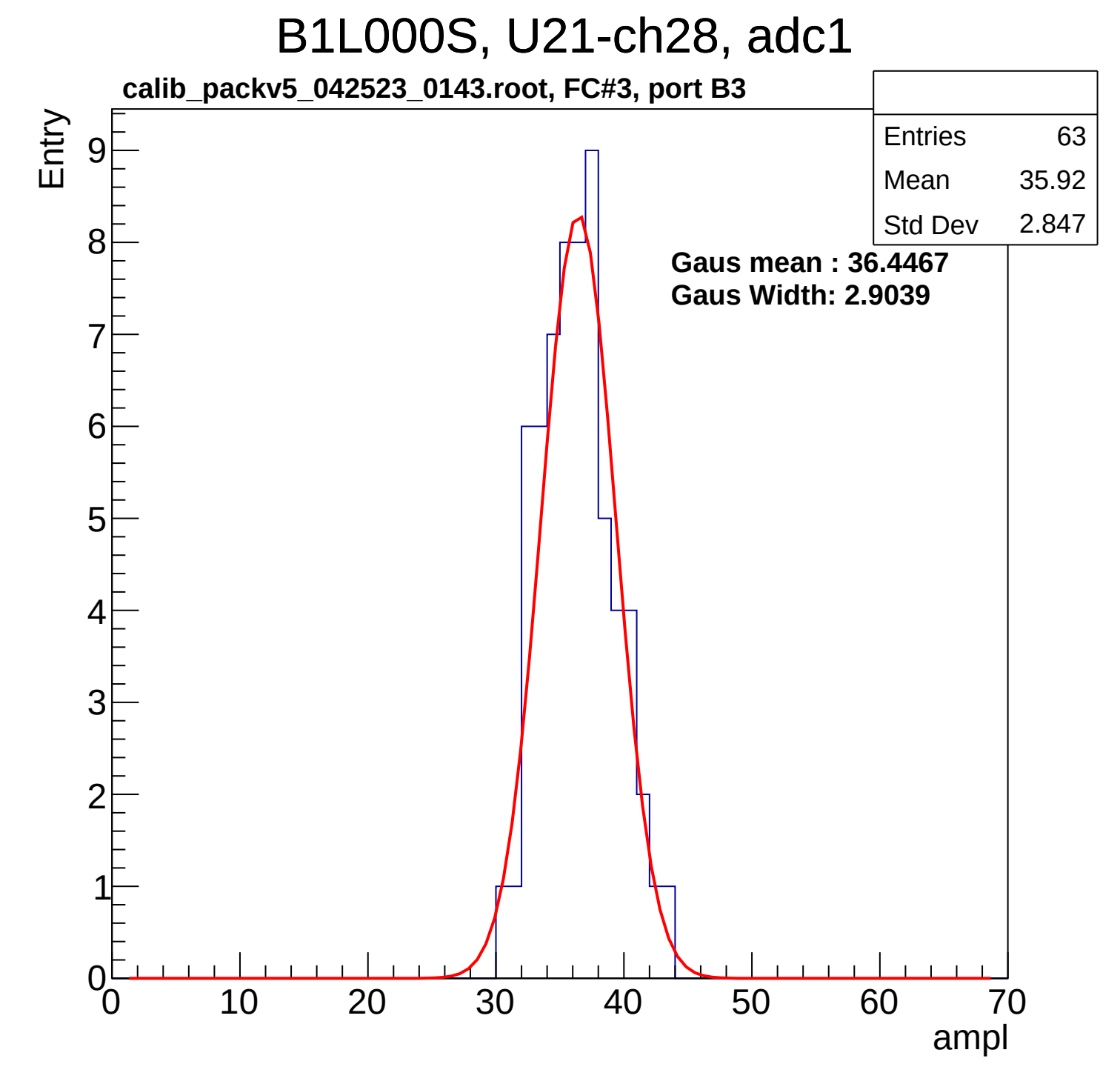

B1L000S, U21-ch27, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 55.29
Std Dev 2.992
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

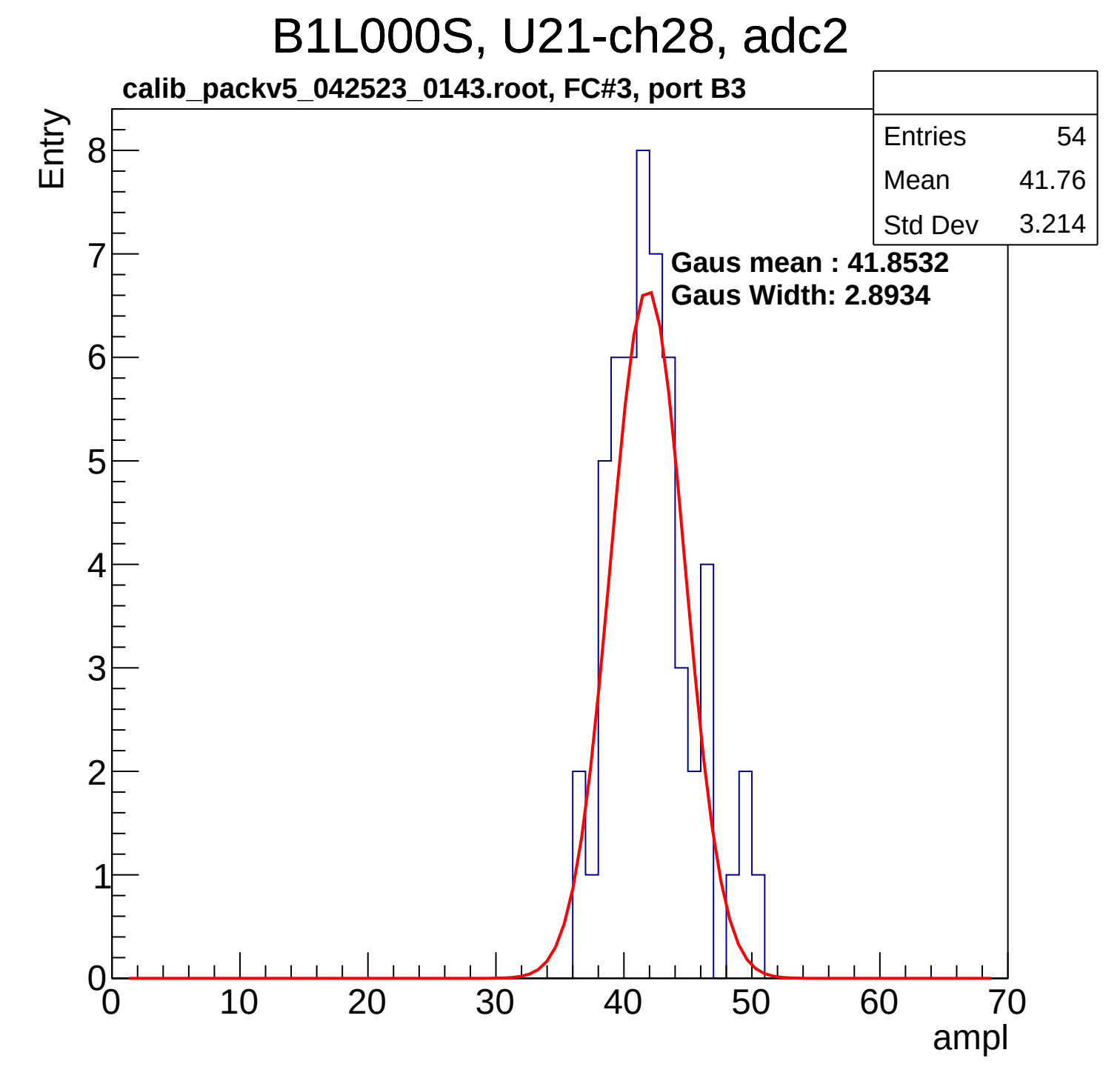

B1L000S, U21-ch27, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 60.36
Std Dev 1.862
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

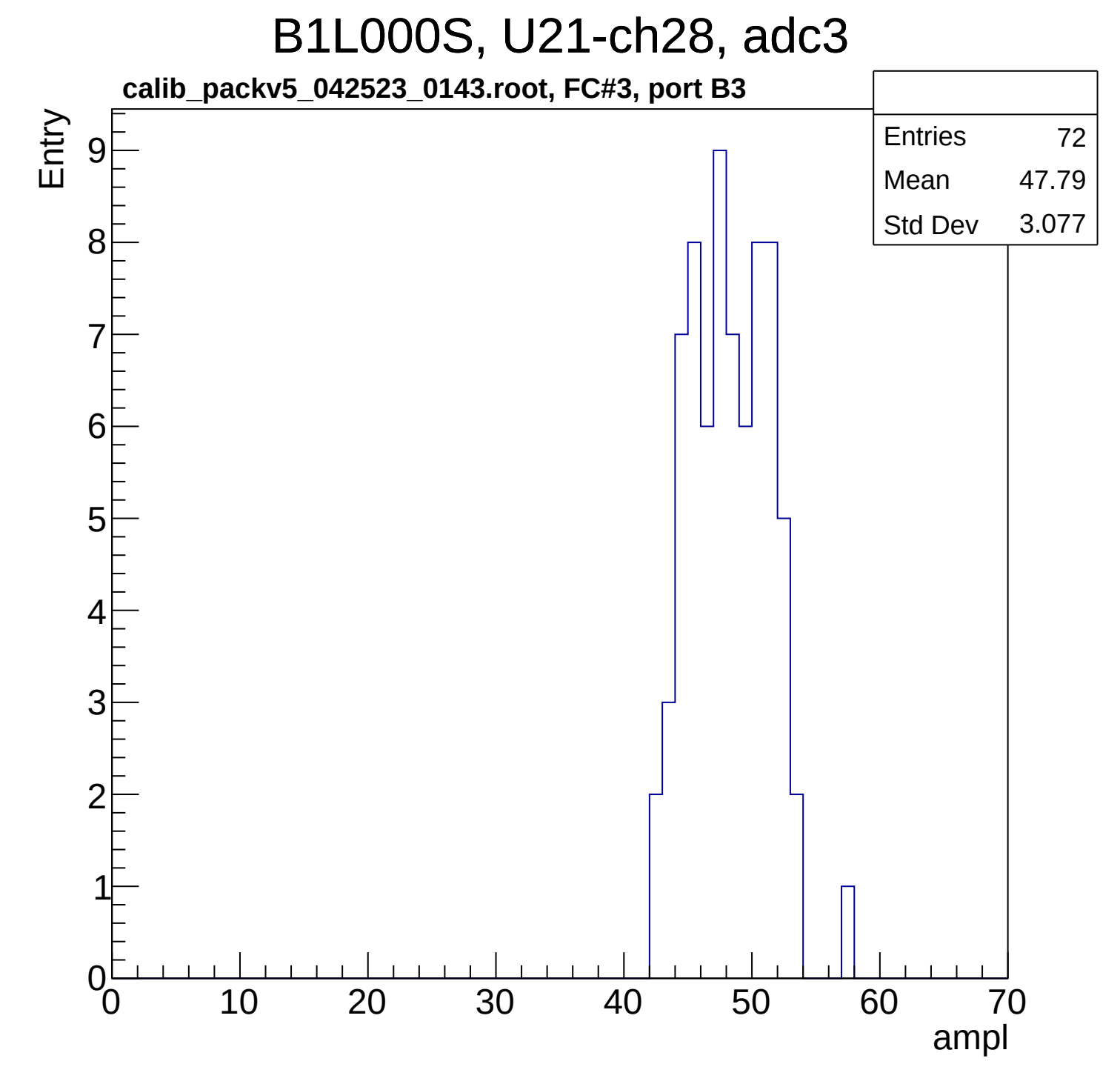

B1L000S, U21-ch27, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 53.88
Std Dev 20.42
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

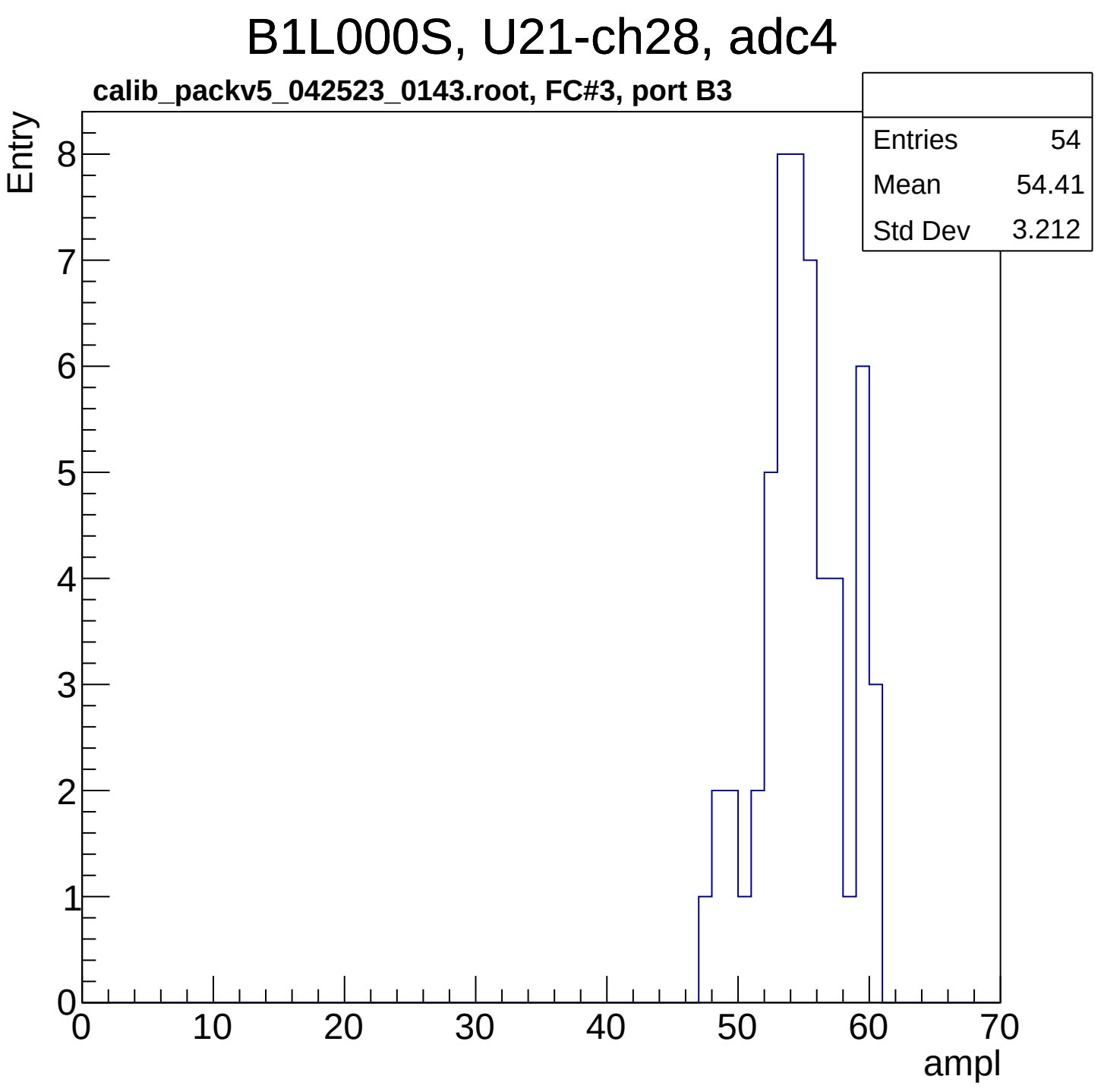

B1L000S, U21-ch27, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

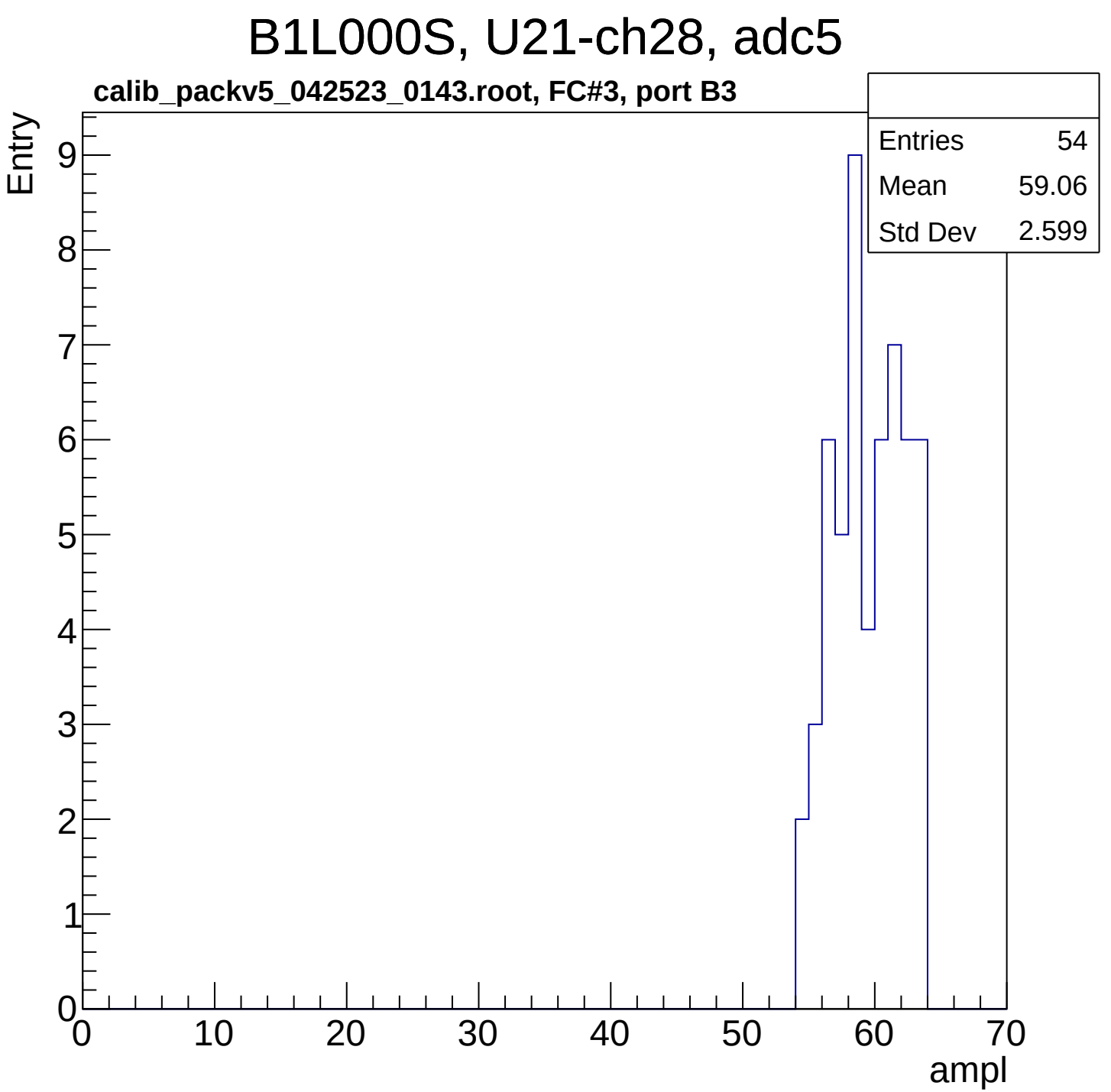

B1L000S, U21-ch28, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 28.51
Std Dev 3.238
Gaus mean : 29.1579
Gaus Width: 3.6154
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

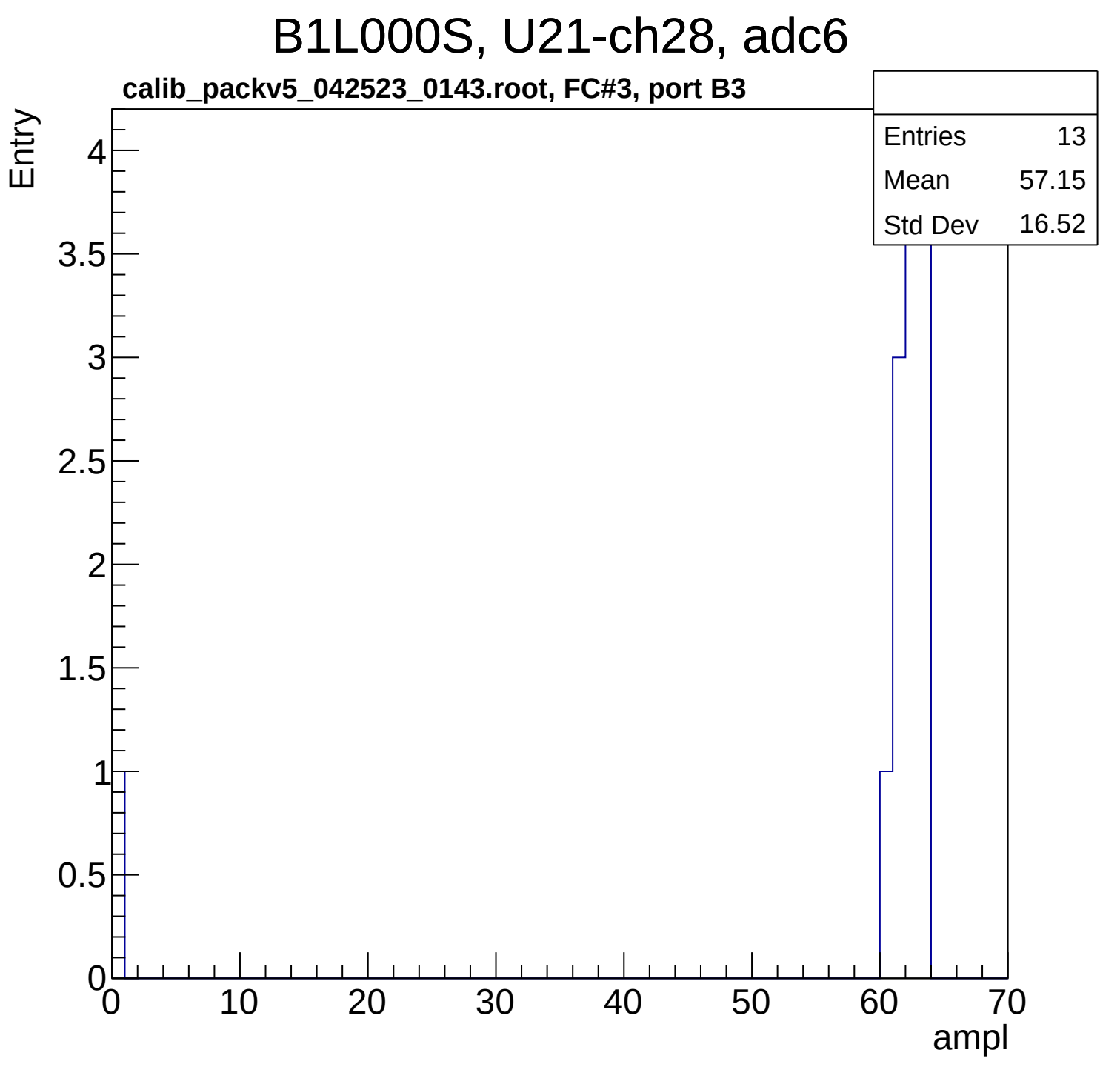

B1L000S, U21-ch28, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 35.92
Std Dev 2.847
Gaus mean : 36.4467
Gaus Width: 2.9039
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

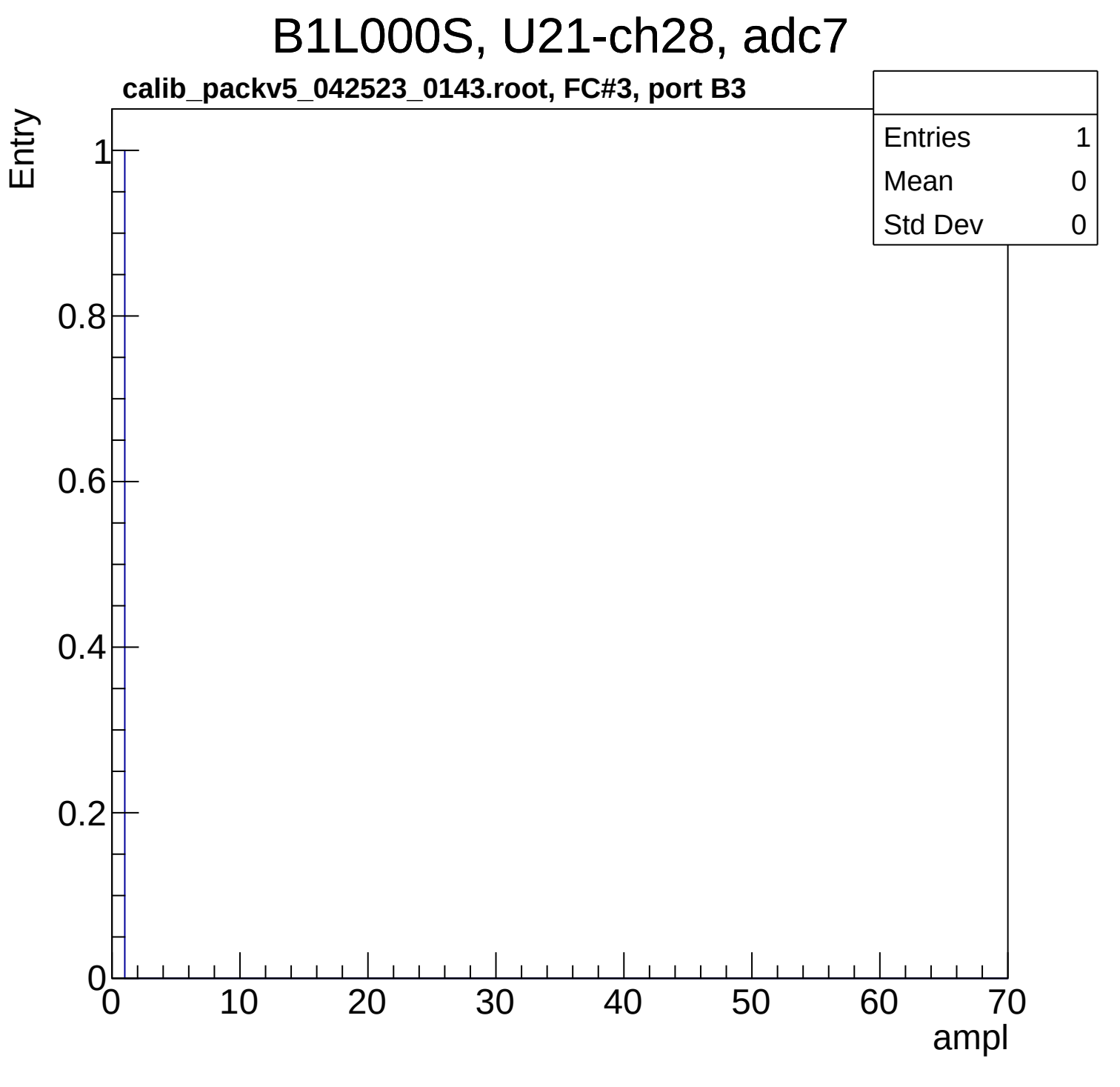

B1L000S, U21-ch28, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 41.76
Std Dev 3.214
Gaus mean : 41.8532
Gaus Width: 2.8934
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

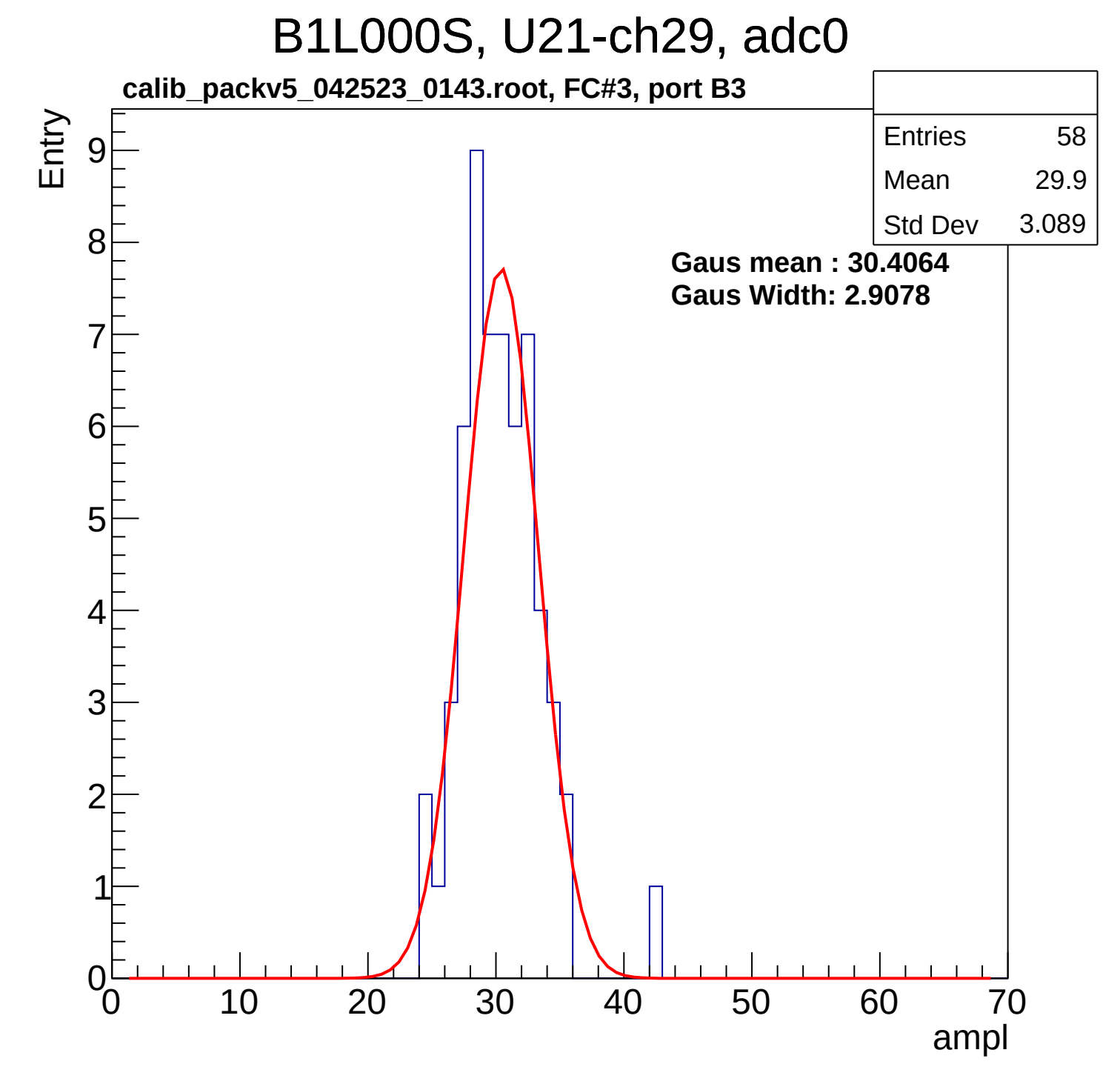

B1L000S, U21-ch28, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 47.79
Std Dev 3.077
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

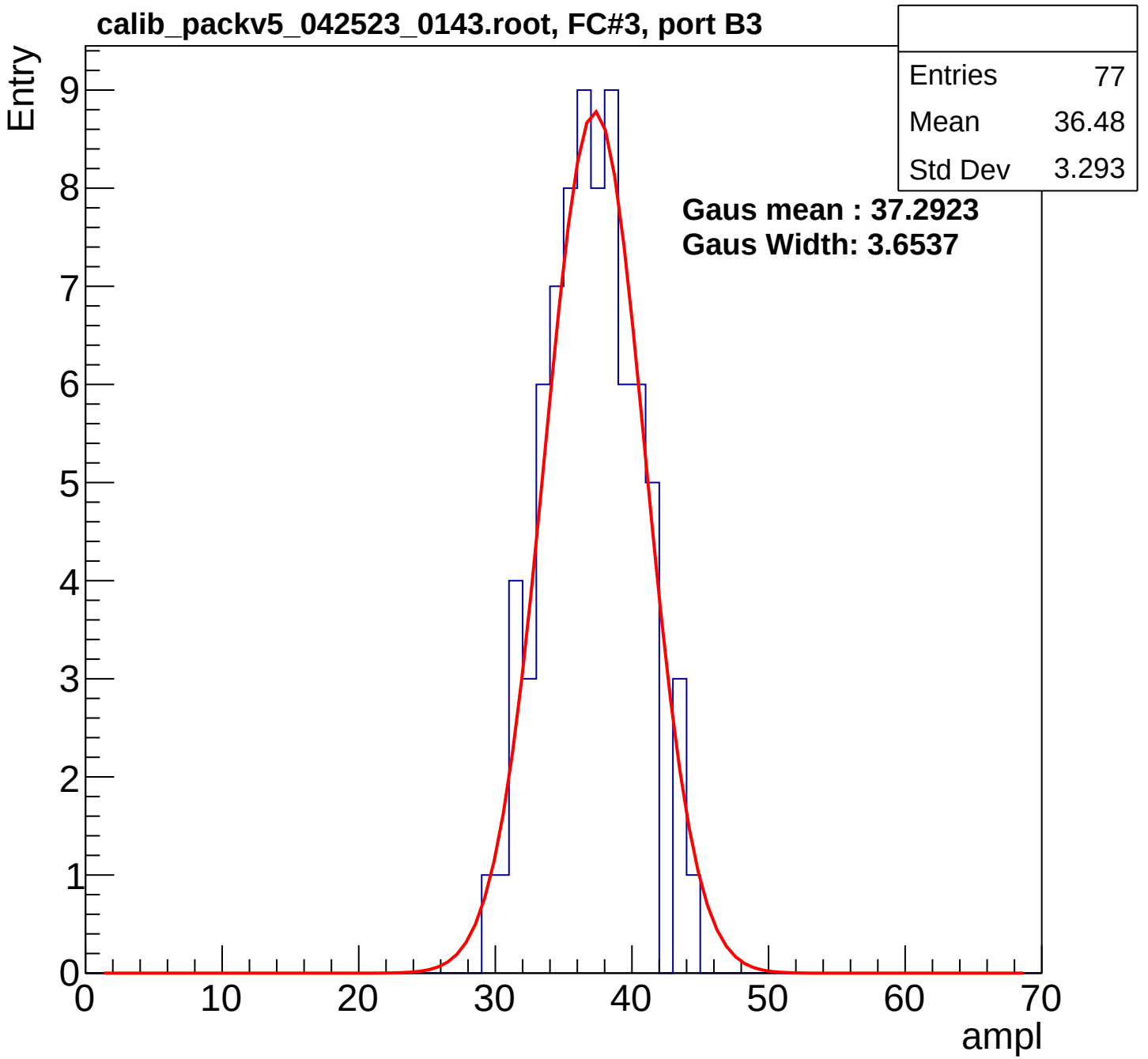

B1L000S, U21-ch28, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 54.41
Std Dev 3.212
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

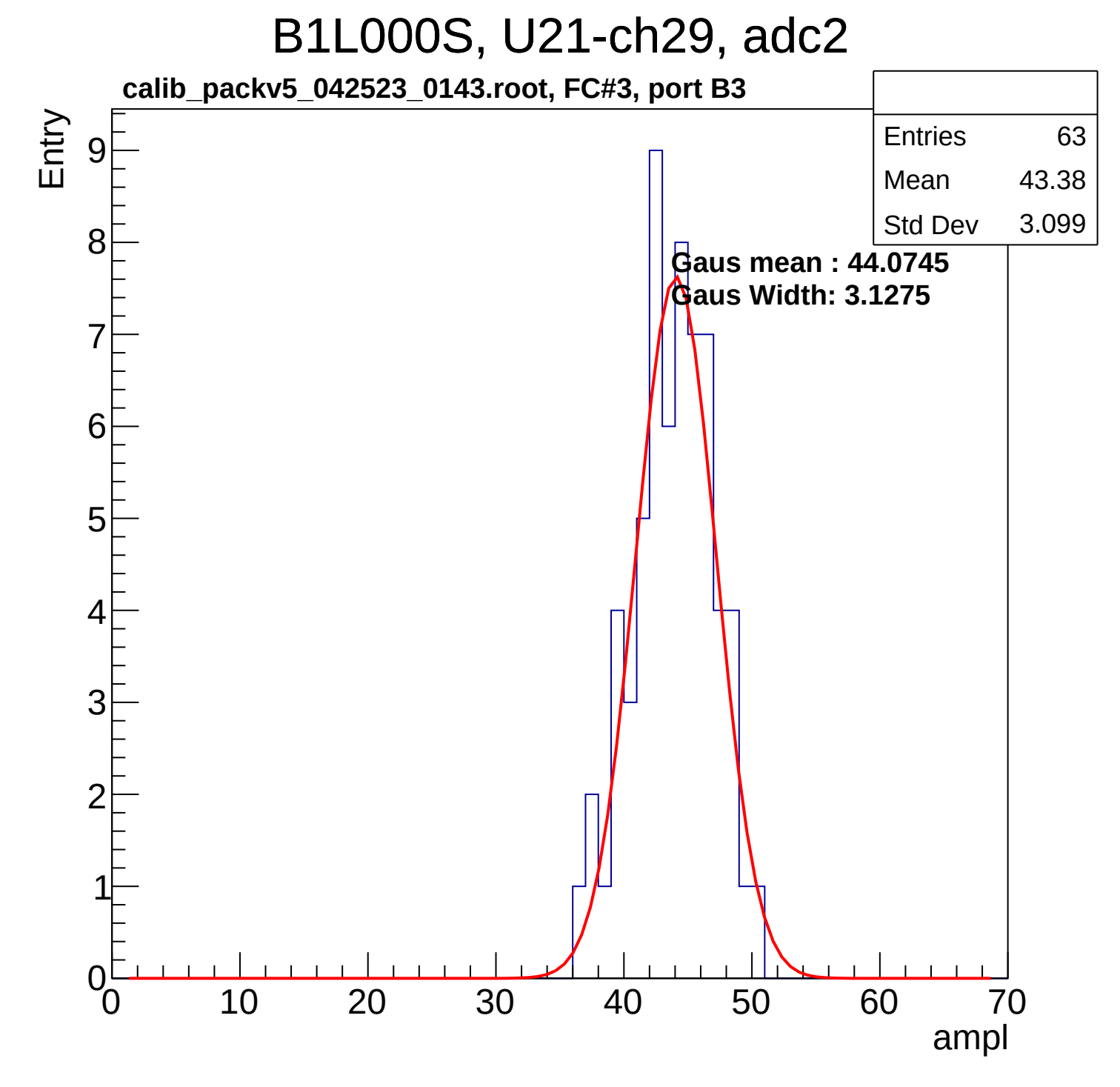

B1L000S, U21-ch28, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 59.06
Std Dev 2.599
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

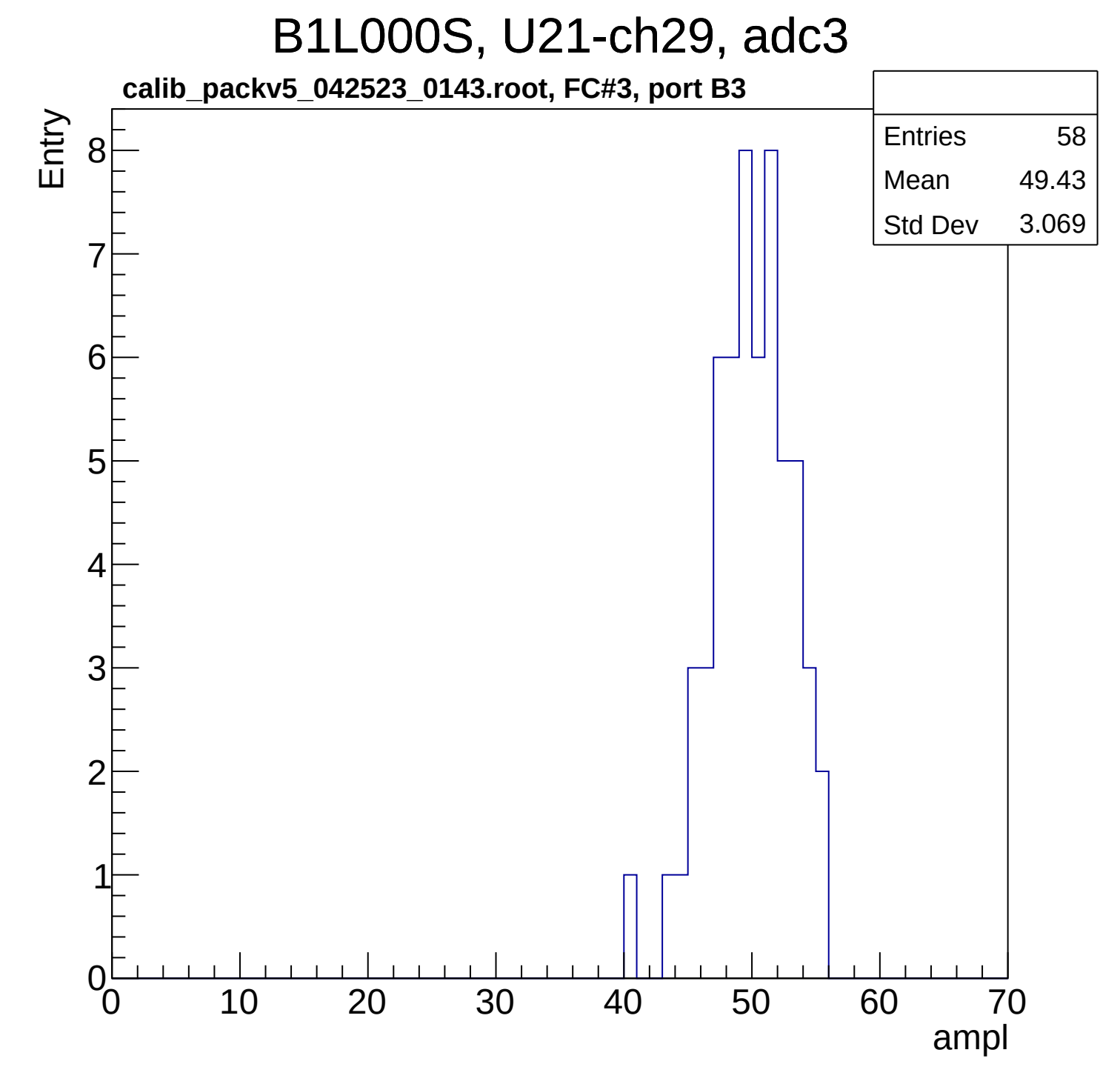

B1L000S, U21-ch28, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 57.15
Std Dev 16.52
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

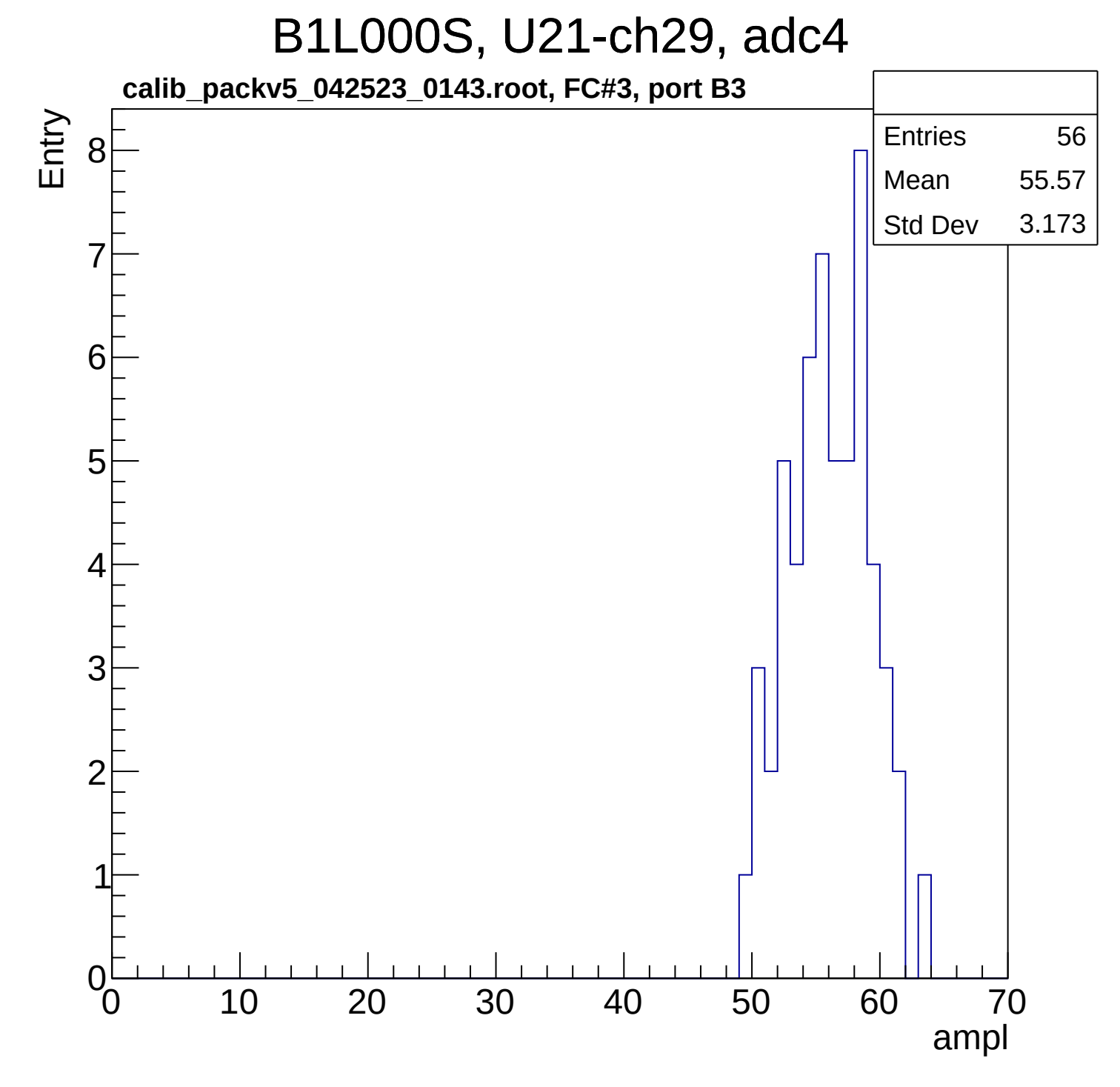

B1L000S, U21-ch28, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

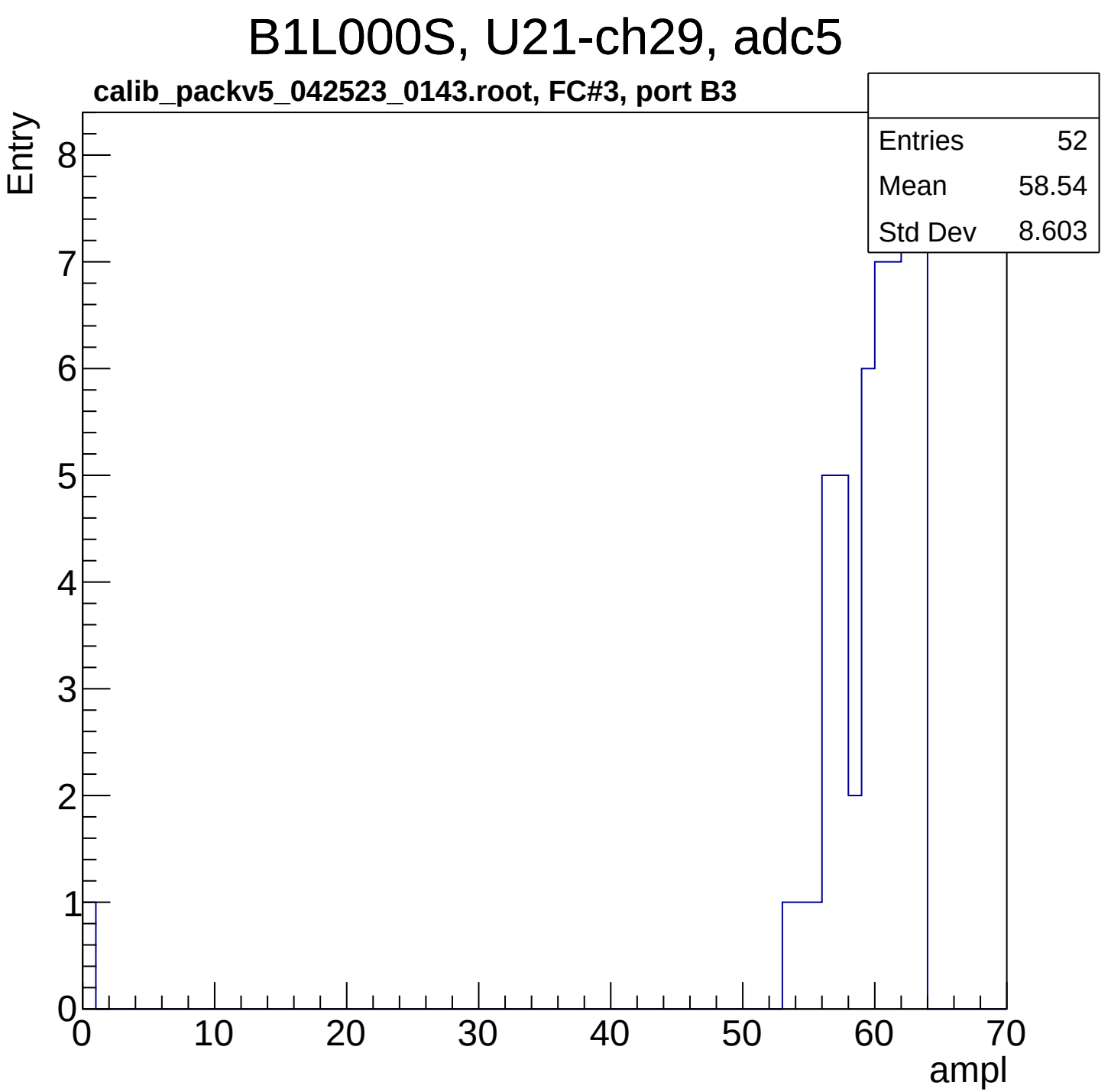

B1L000S, U21-ch29, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 29.9
Std Dev 3.089
Gaus mean : 30.4064
Gaus Width: 2.9078
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

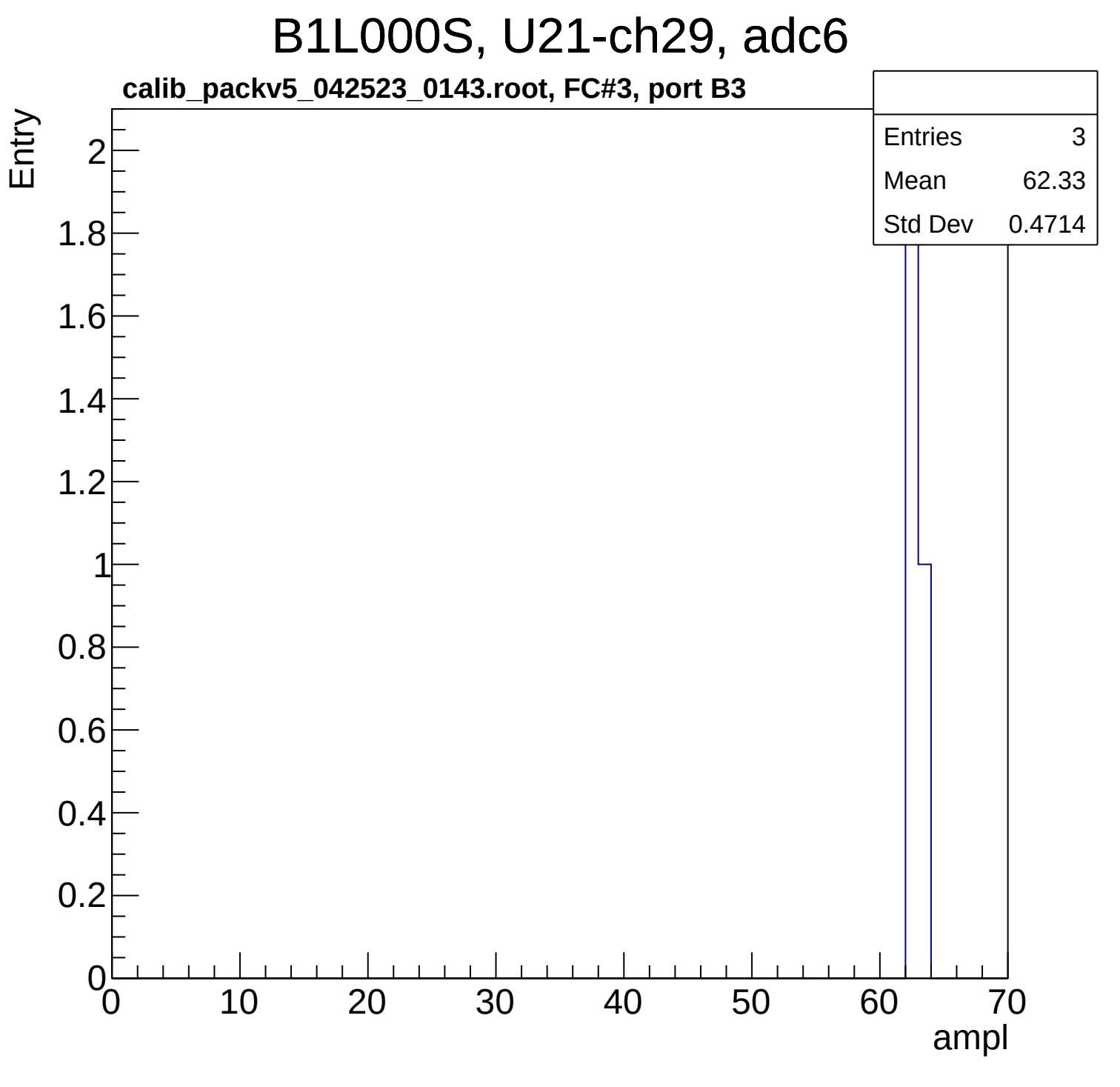

B1L000S, U21-ch29, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 36.48
Std Dev 3.293
Gaus mean : 37.2923
Gaus Width: 3.6537
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

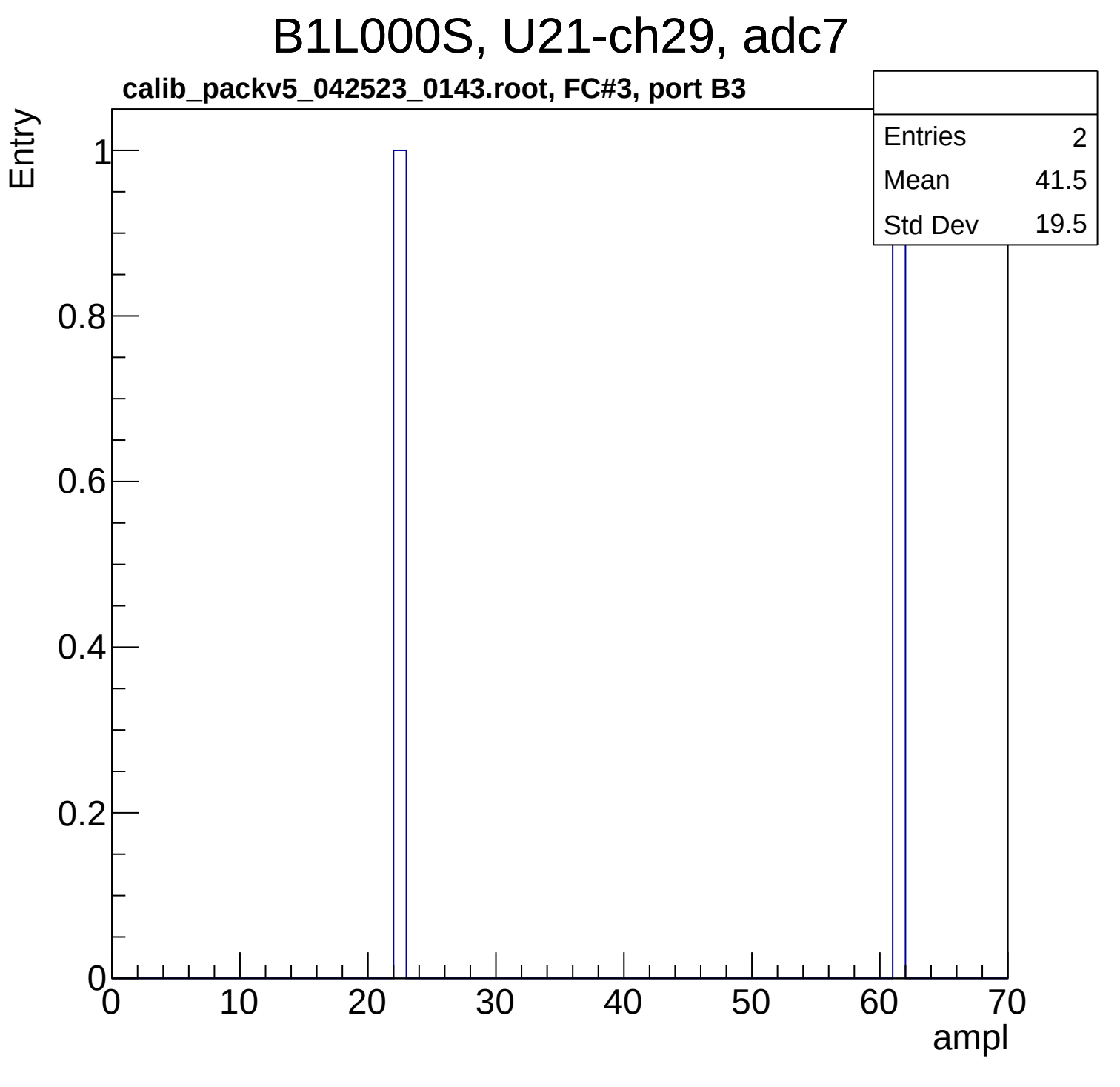

B1L000S, U21-ch29, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 43.38
Std Dev 3.099
Gaus mean : 44.0745
Gaus Width: 3.1275
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

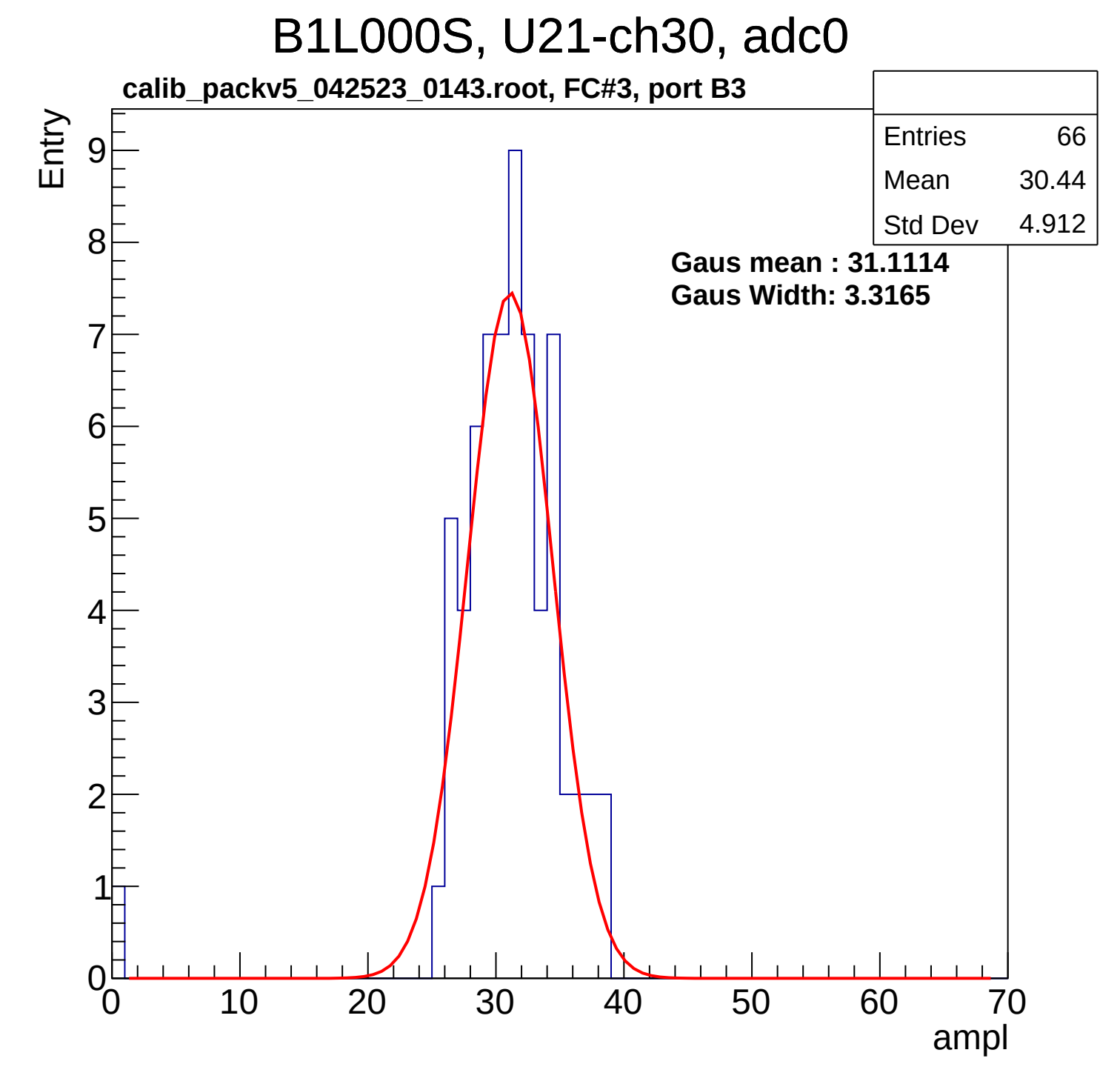

B1L000S, U21-ch29, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 49.43
Std Dev 3.069
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

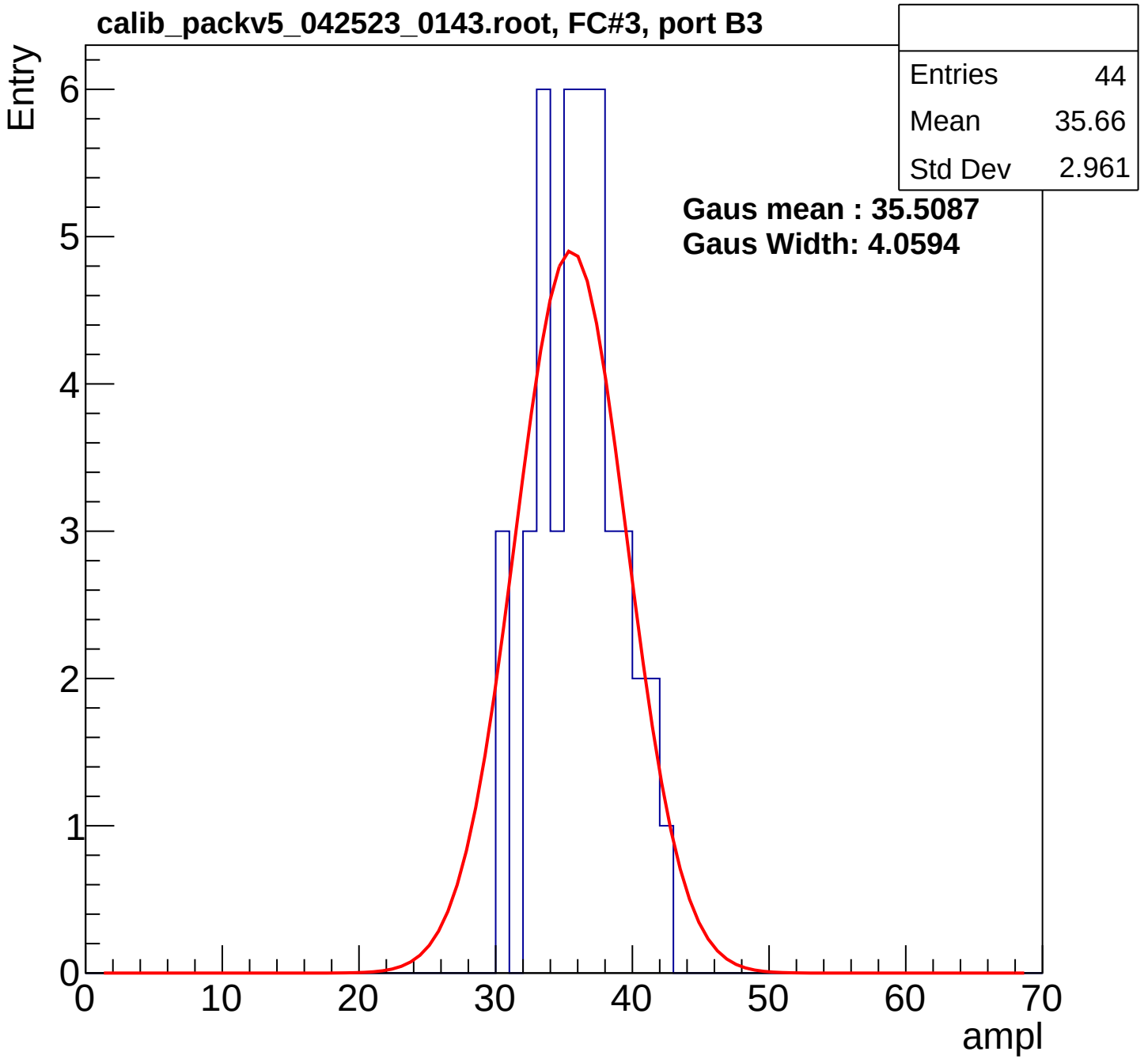

B1L000S, U21-ch29, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 55.57
Std Dev 3.173
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

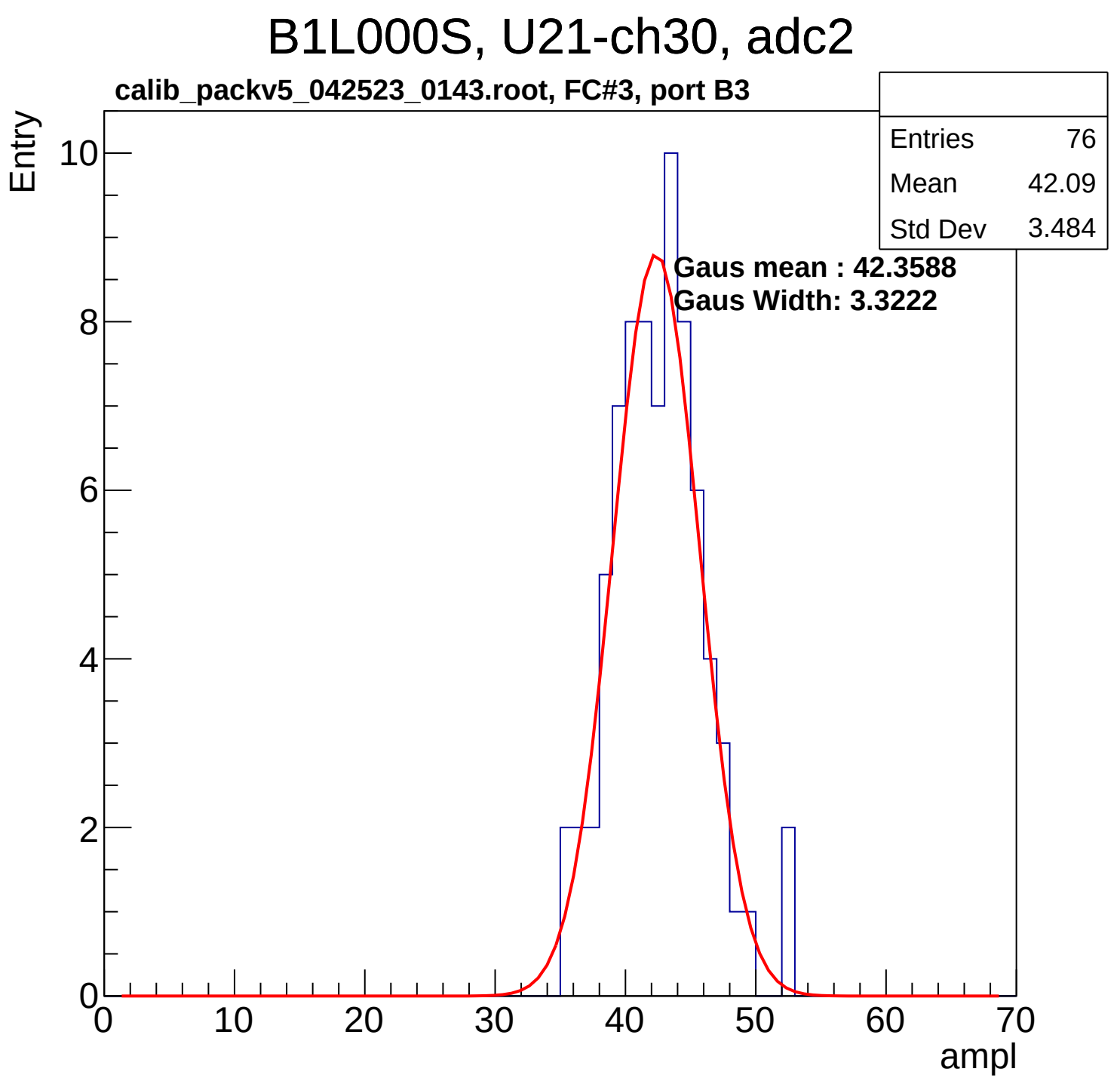

B1L000S, U21-ch29, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 58.54
Std Dev 8.603
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

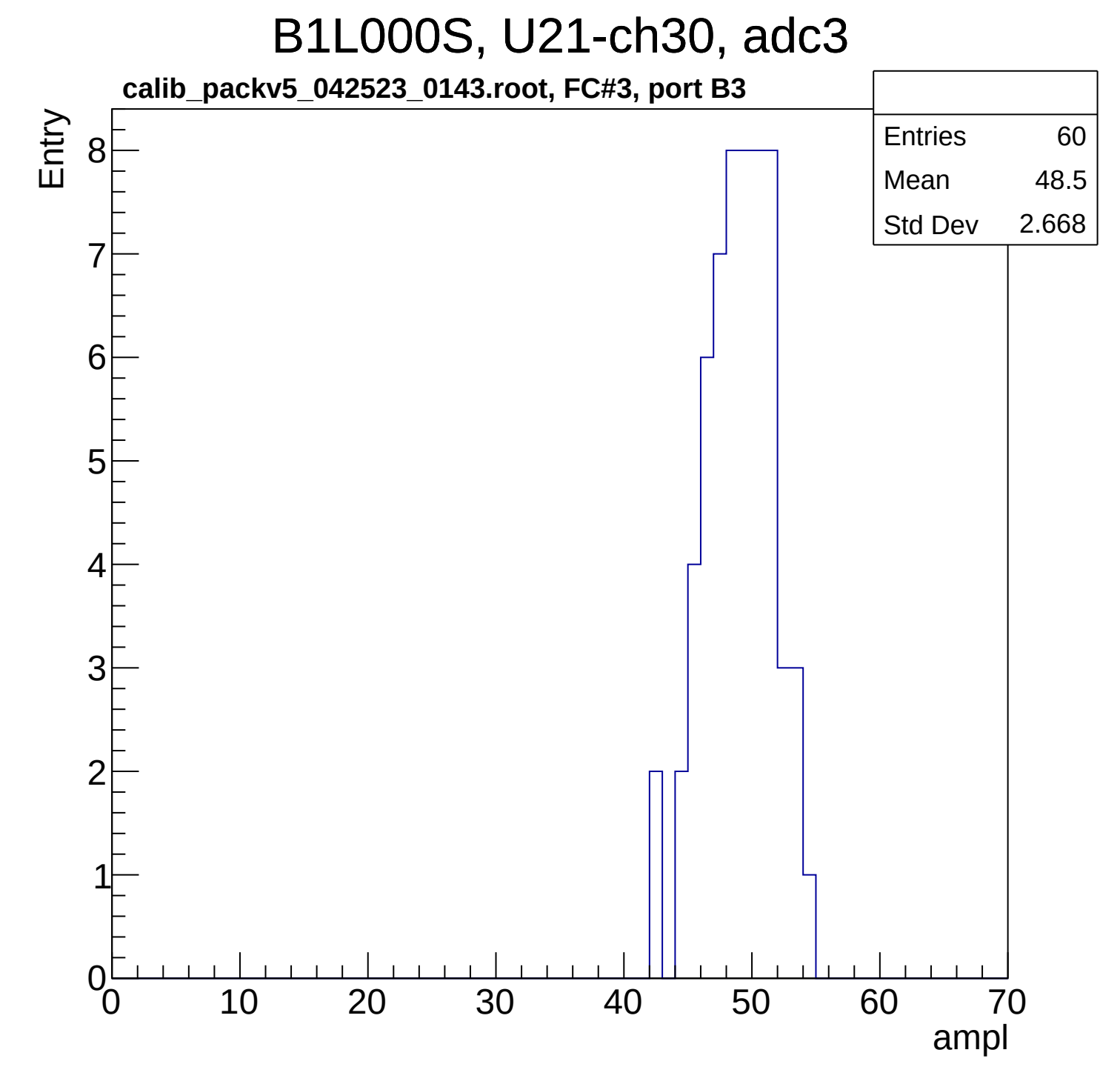

B1L000S, U21-ch29, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 62.33
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

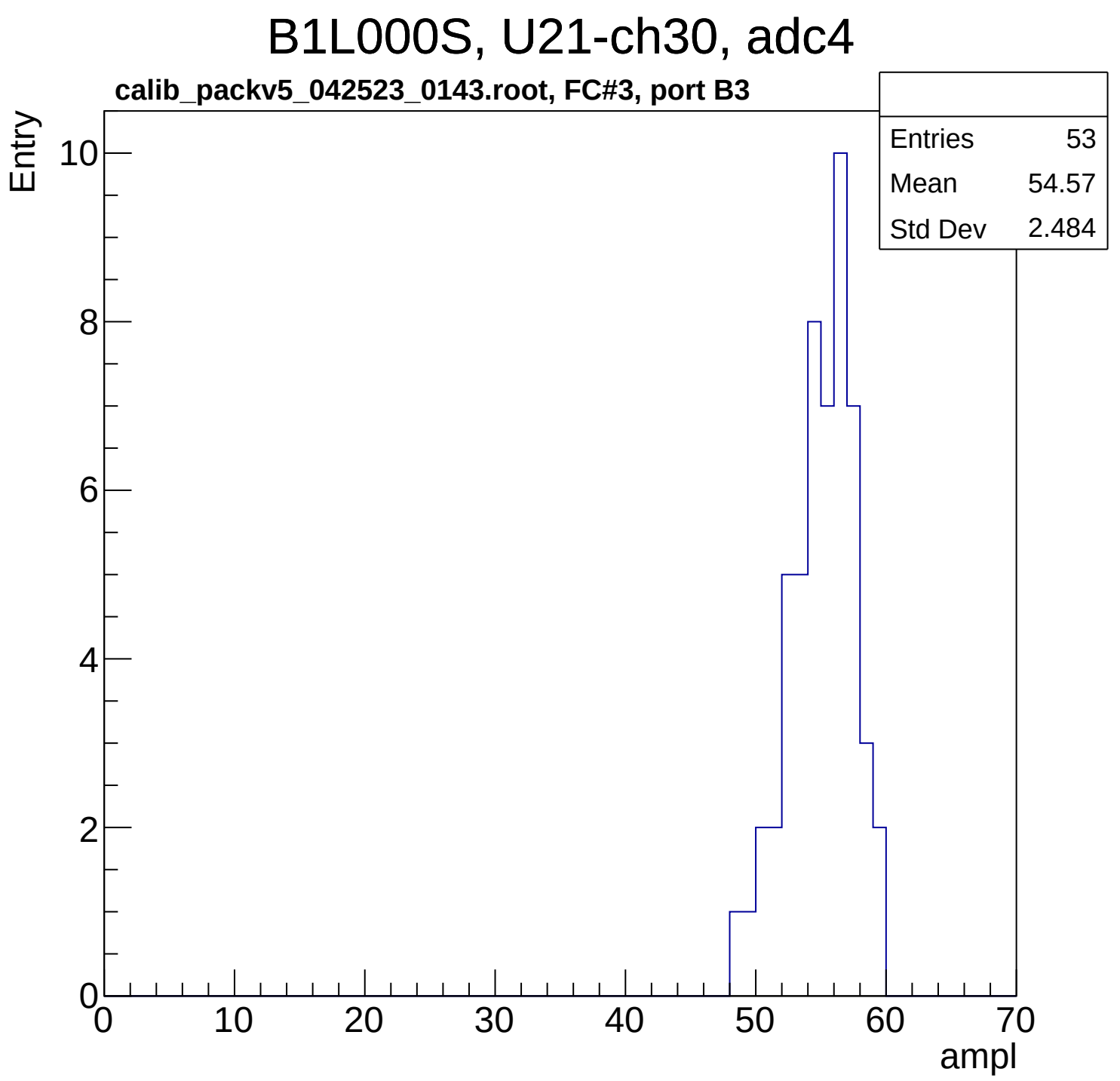

B1L000S, U21-ch29, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 41.5
Std Dev 19.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

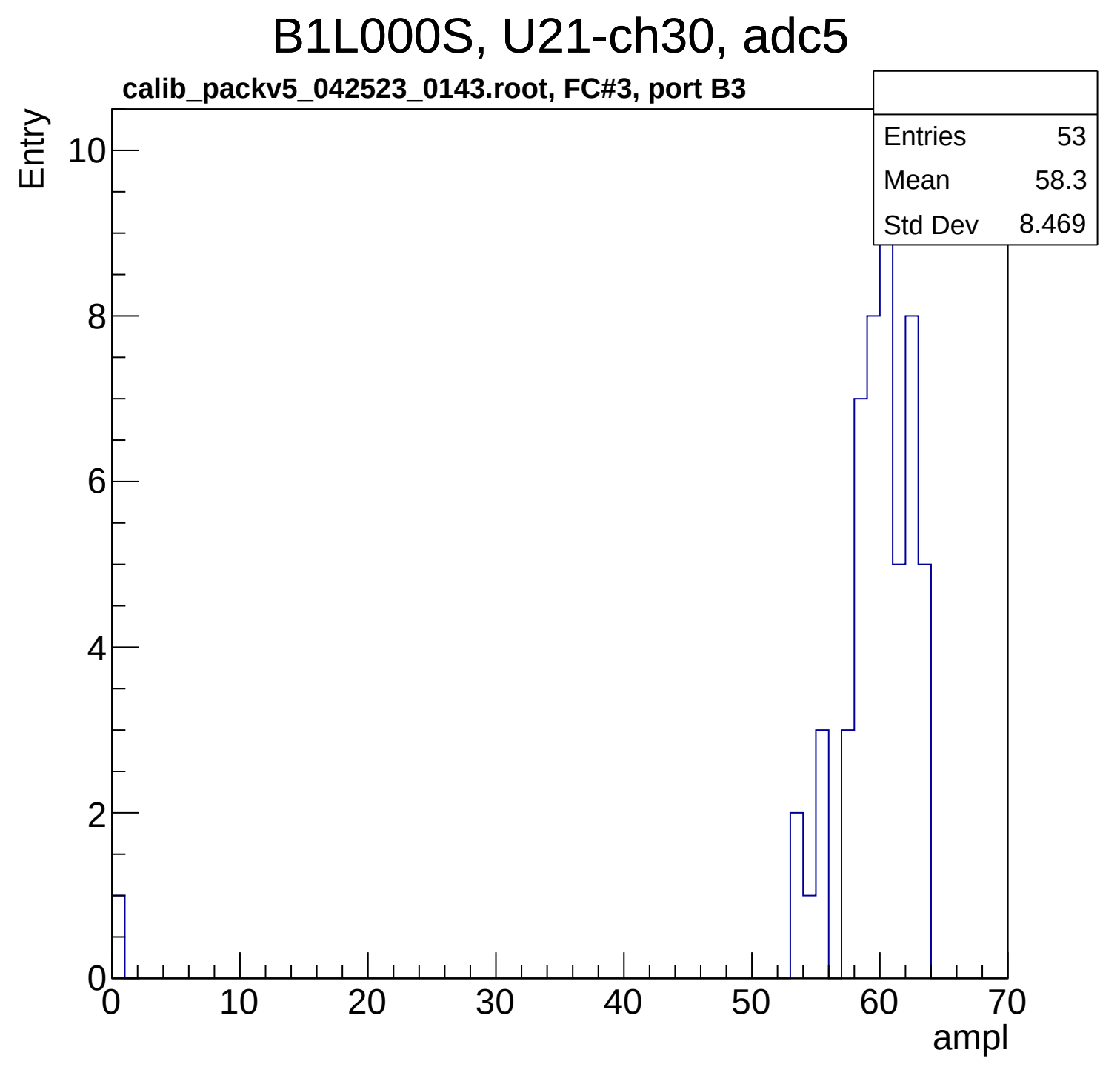

B1L000S, U21-ch30, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 30.44
Std Dev 4.912
Gaus mean : 31.1114
Gaus Width: 3.3165
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

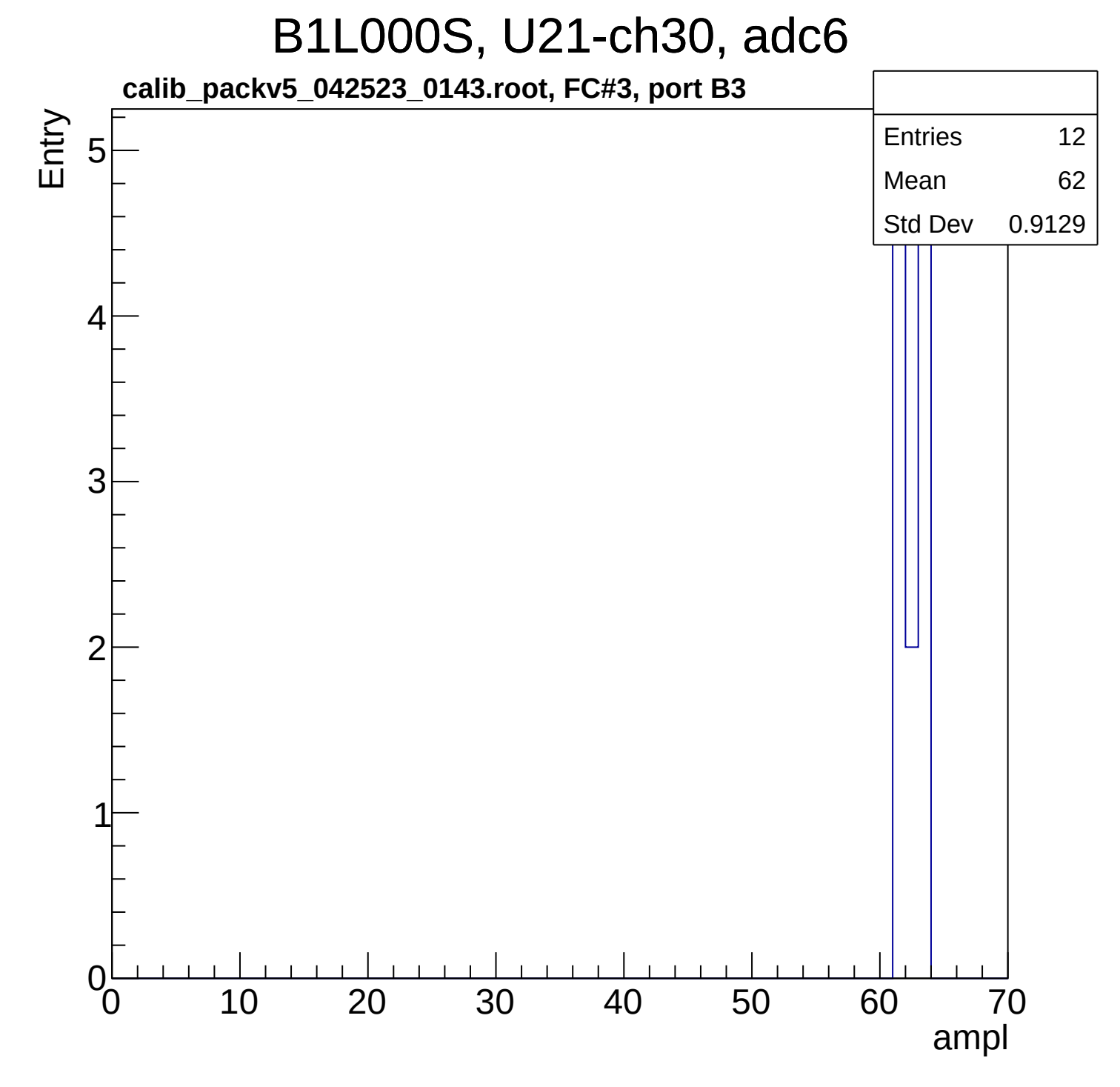

B1L000S, U21-ch30, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 35.66
Std Dev 2.961
Gaus mean : 35.5087
Gaus Width: 4.0594
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

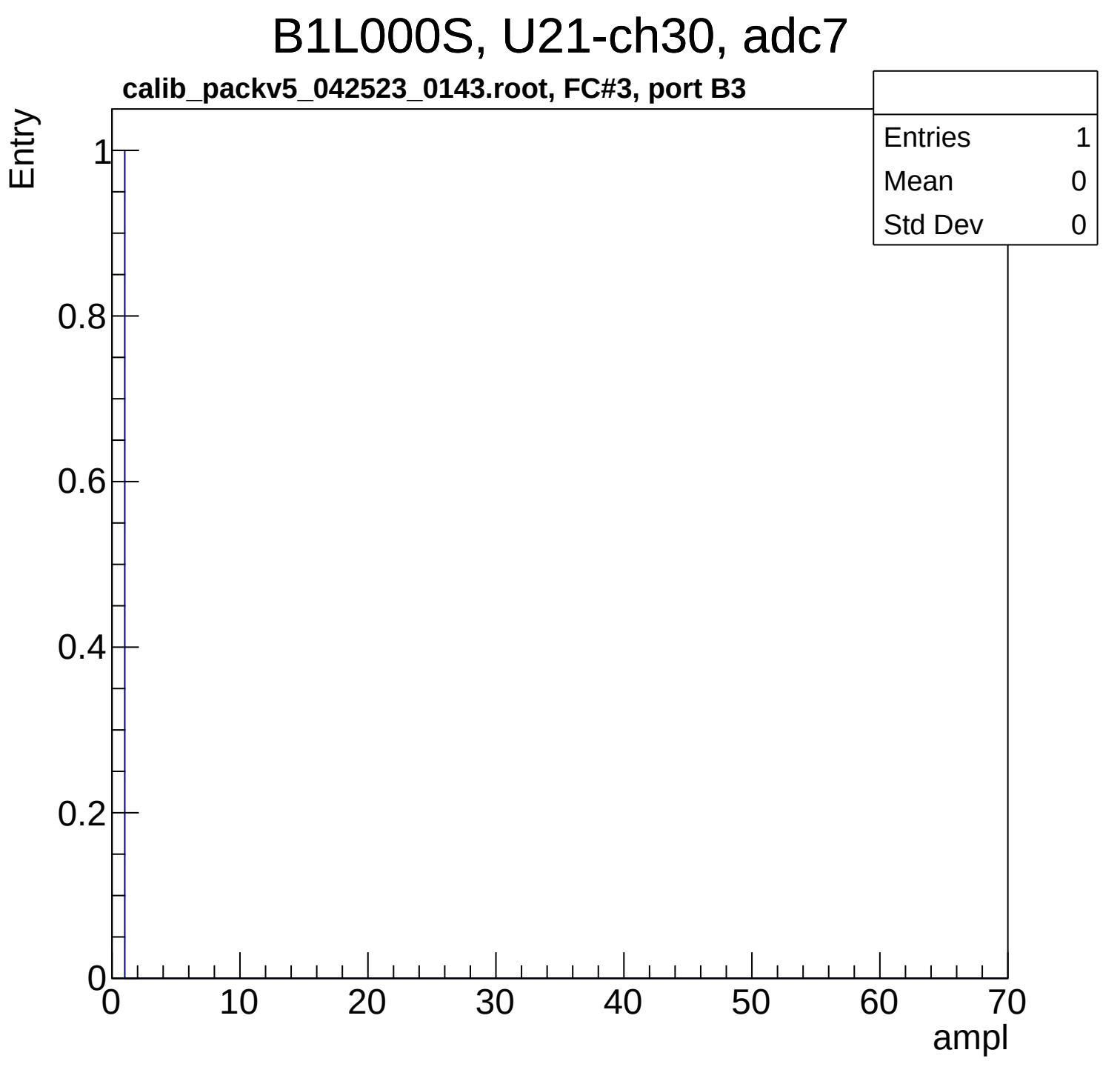

B1L000S, U21-ch30, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 42.09
Std Dev 3.484
Gaus mean : 42.3588
Gaus Width: 3.3222
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

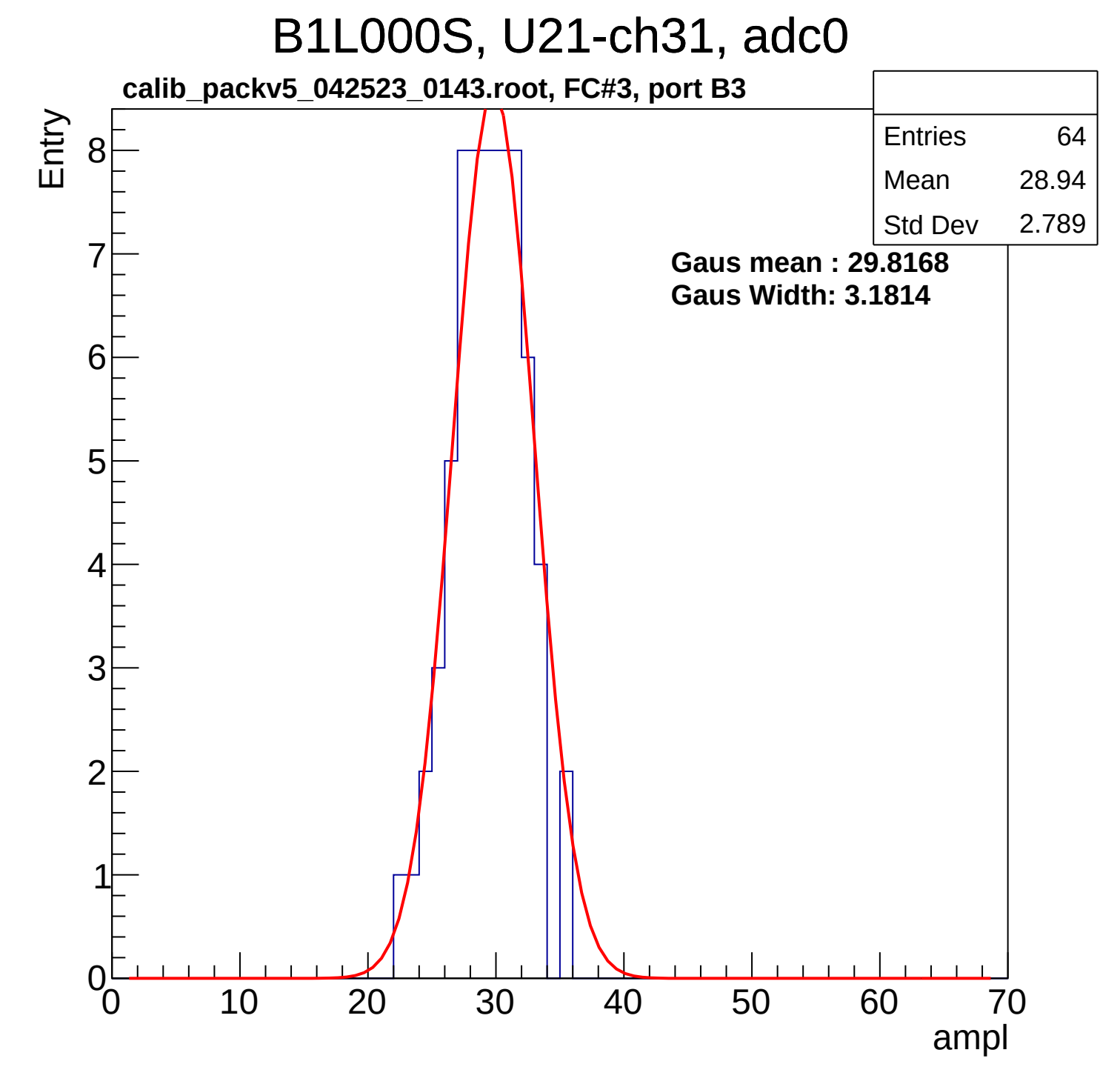

B1L000S, U21-ch30, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 48.5
Std Dev 2.668
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

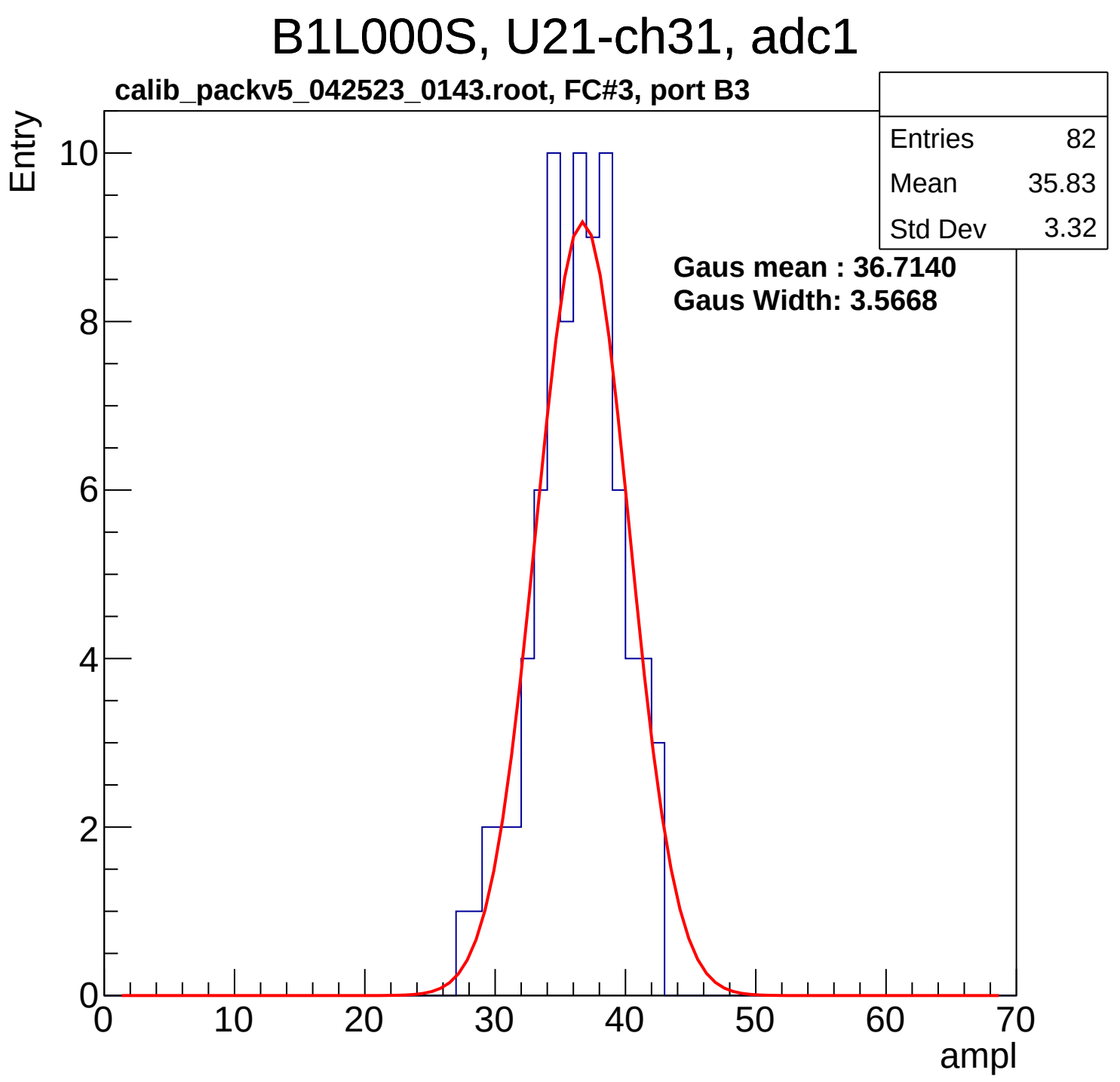

B1L000S, U21-ch30, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 54.57
Std Dev 2.484
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

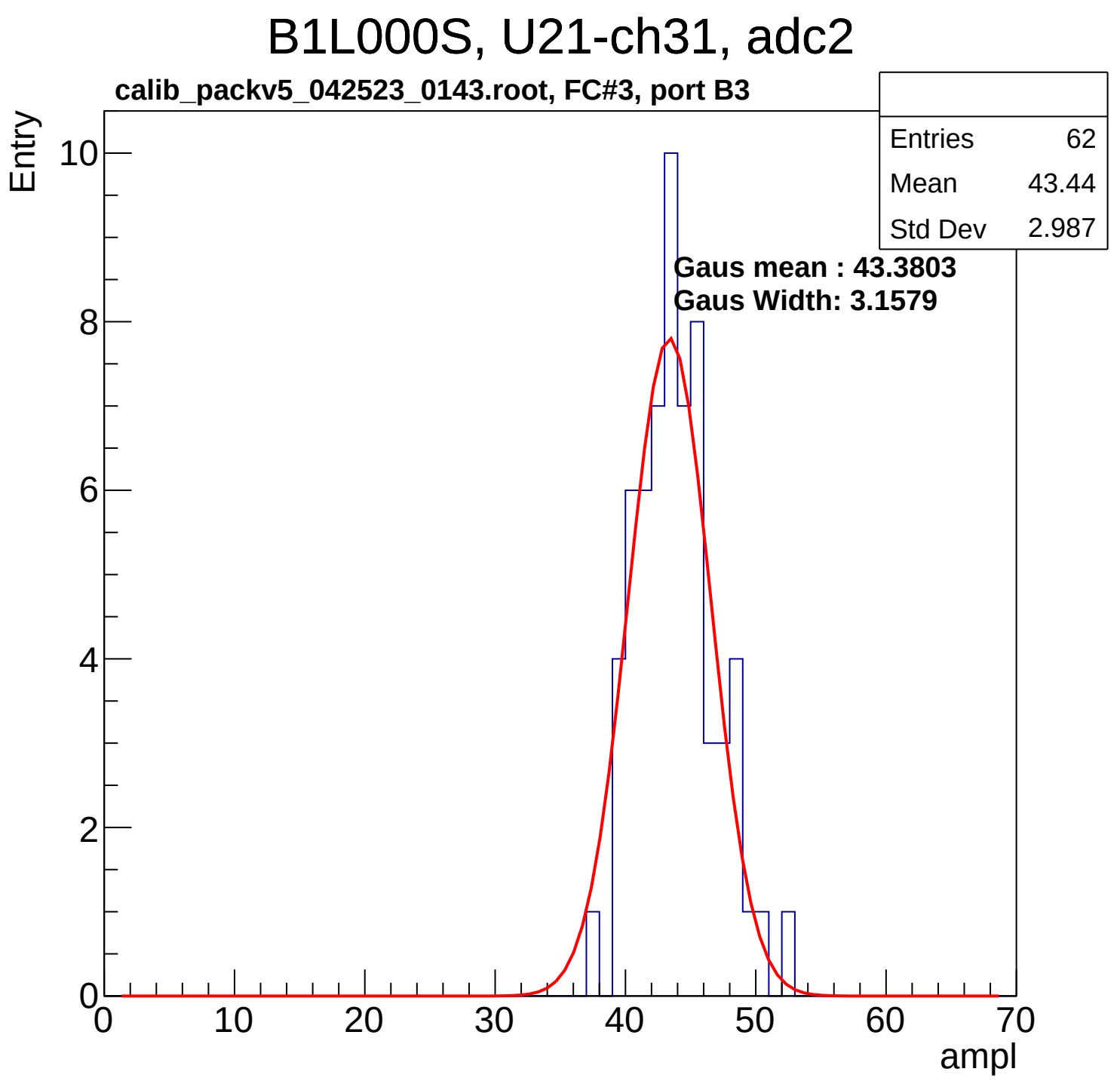

B1L000S, U21-ch30, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 58.3
Std Dev 8.469
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

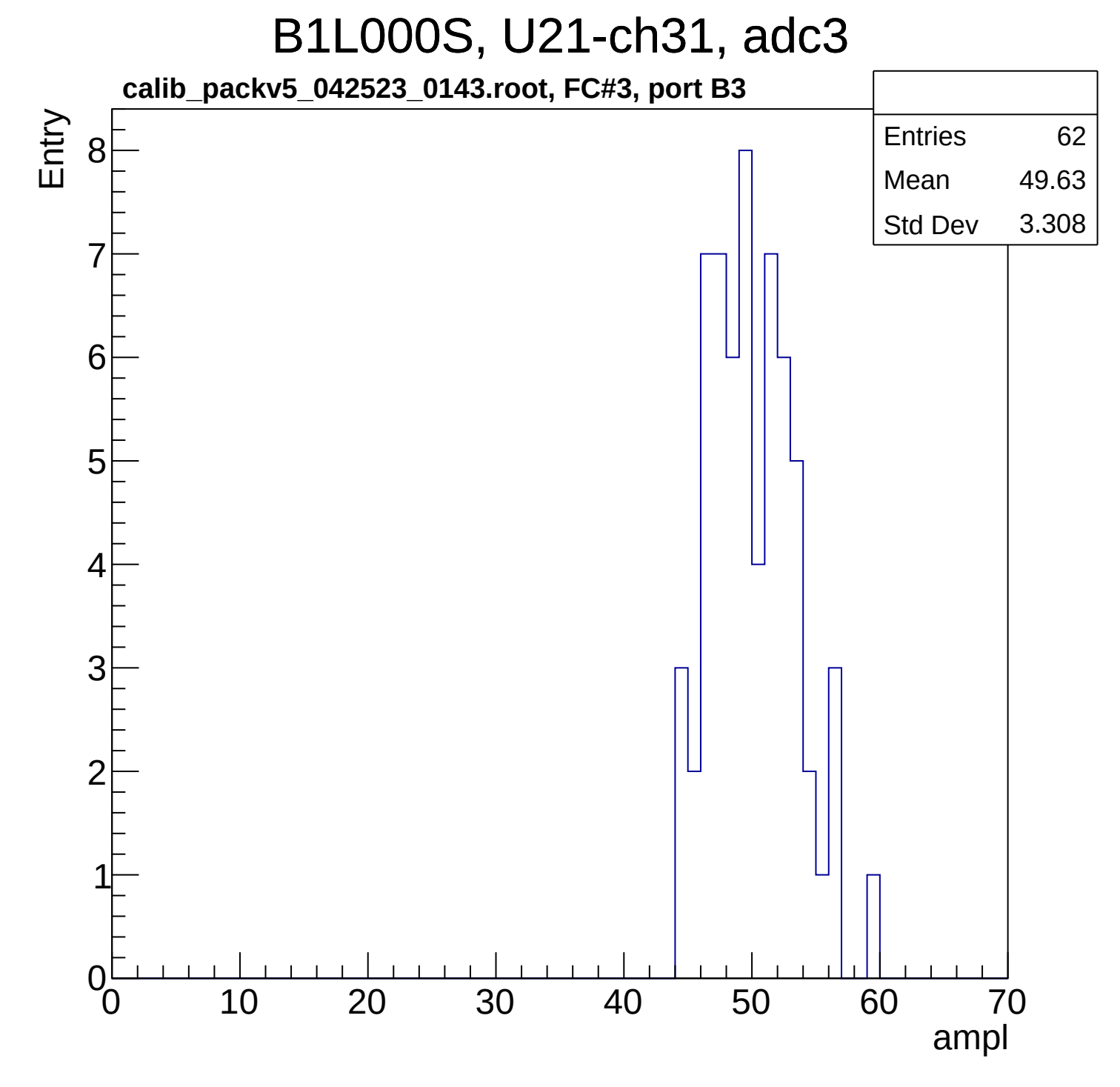

B1L000S, U21-ch30, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 62
Std Dev 0.9129
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

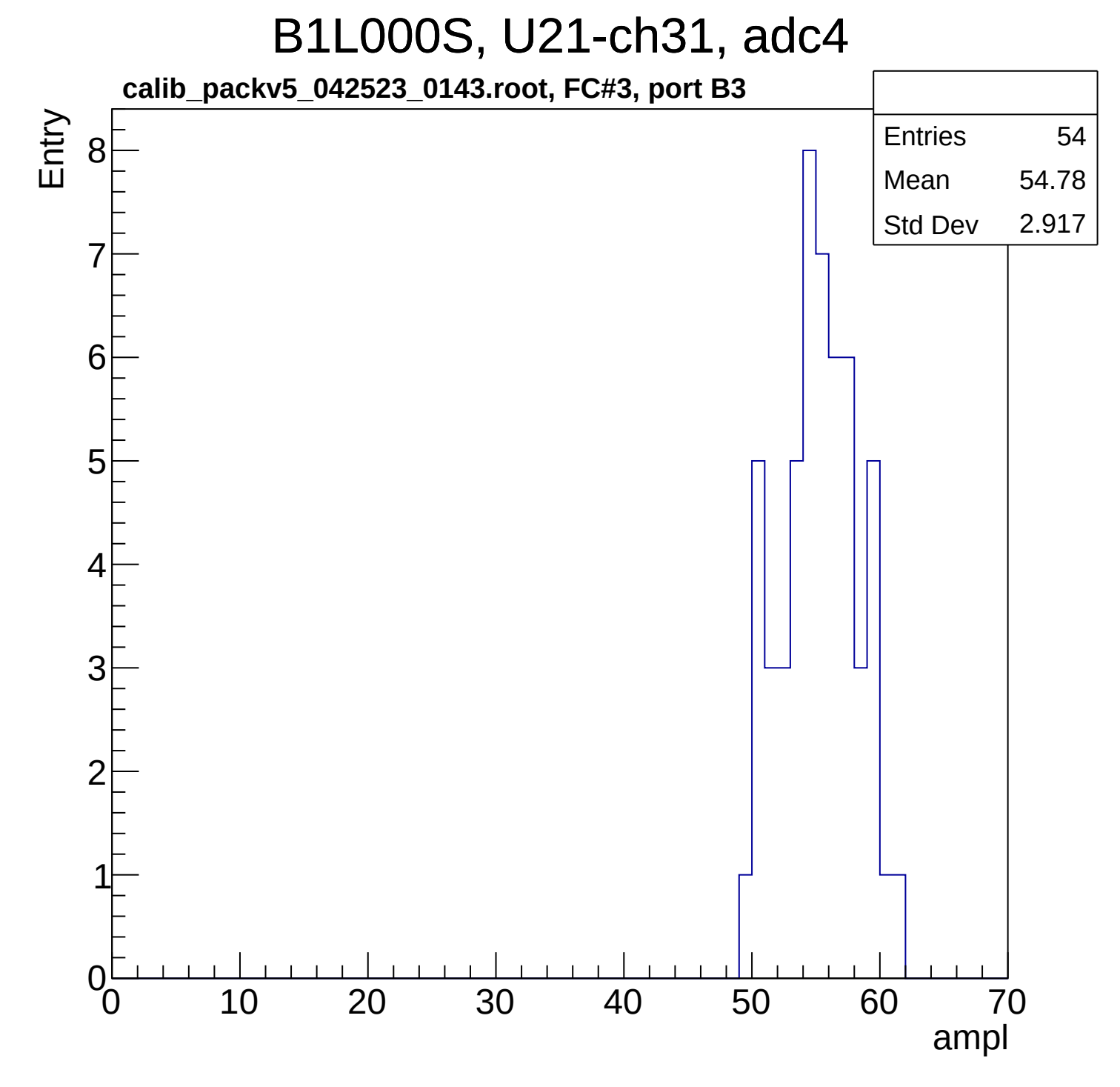

B1L000S, U21-ch30, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

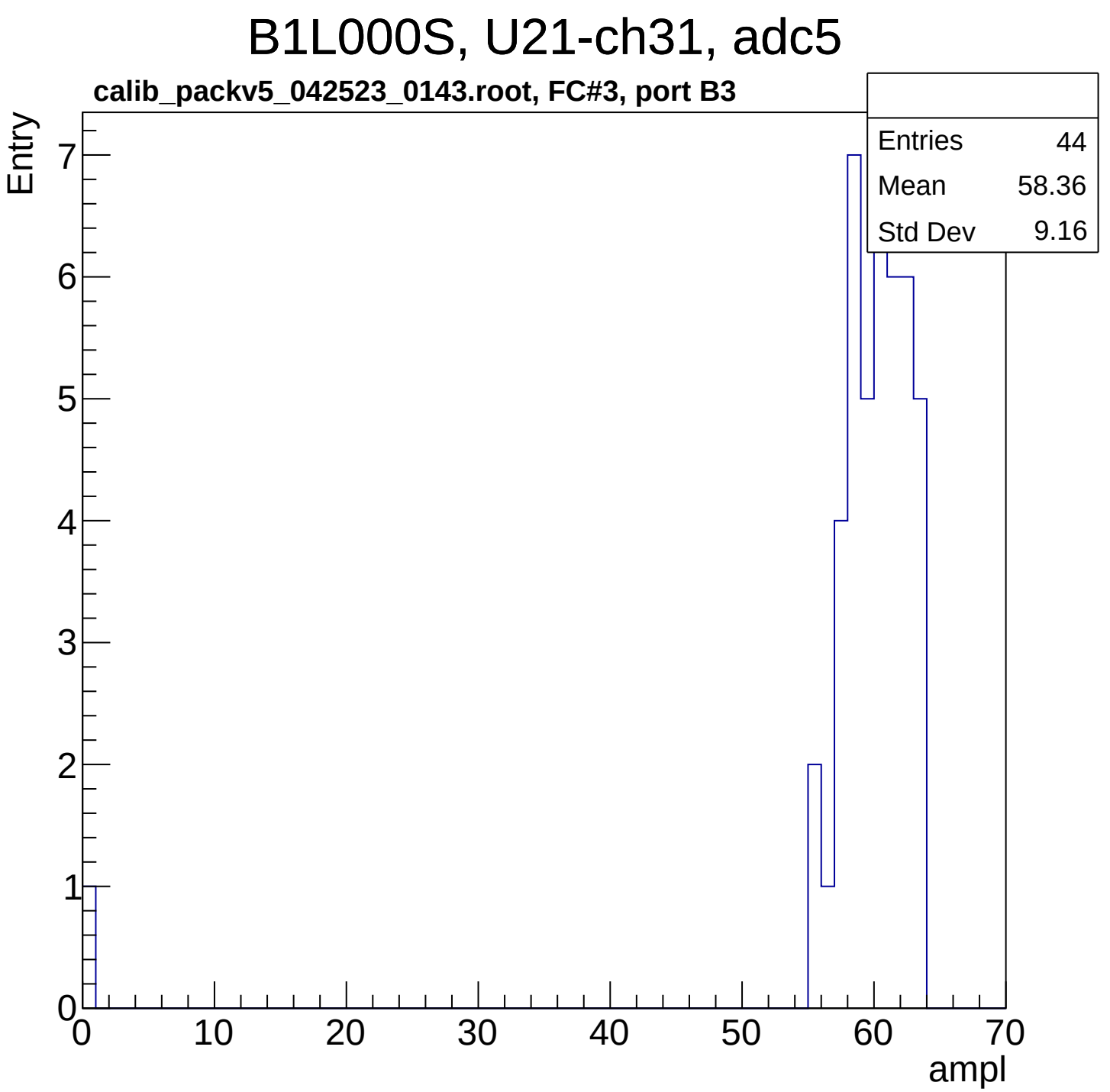

B1L000S, U21-ch31, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 28.94
Std Dev 2.789
Gaus mean : 29.8168
Gaus Width: 3.1814
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

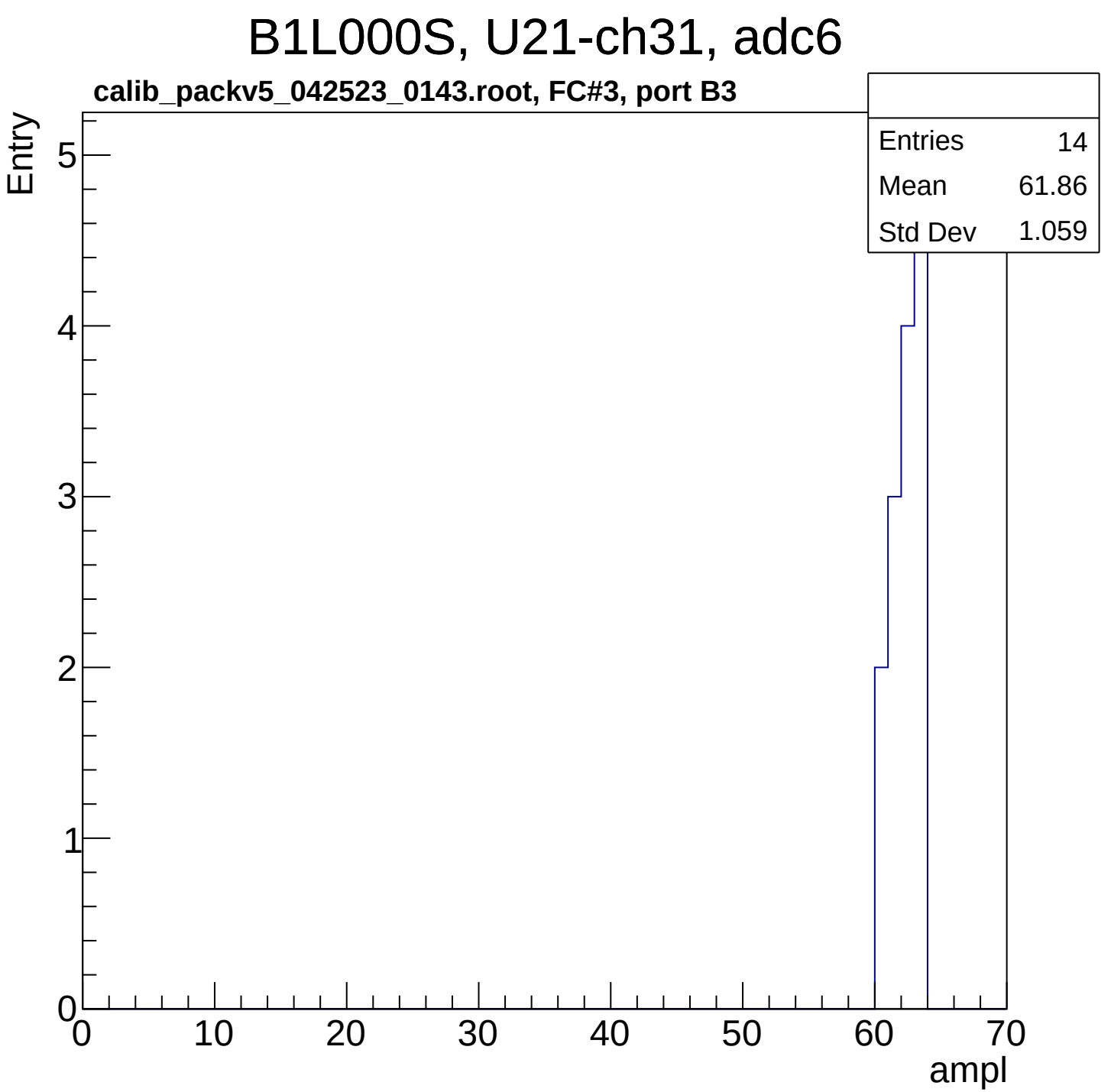

B1L000S, U21-ch31, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 82
Mean 35.83
Std Dev 3.32
Gaus mean : 36.7140
Gaus Width: 3.5668
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

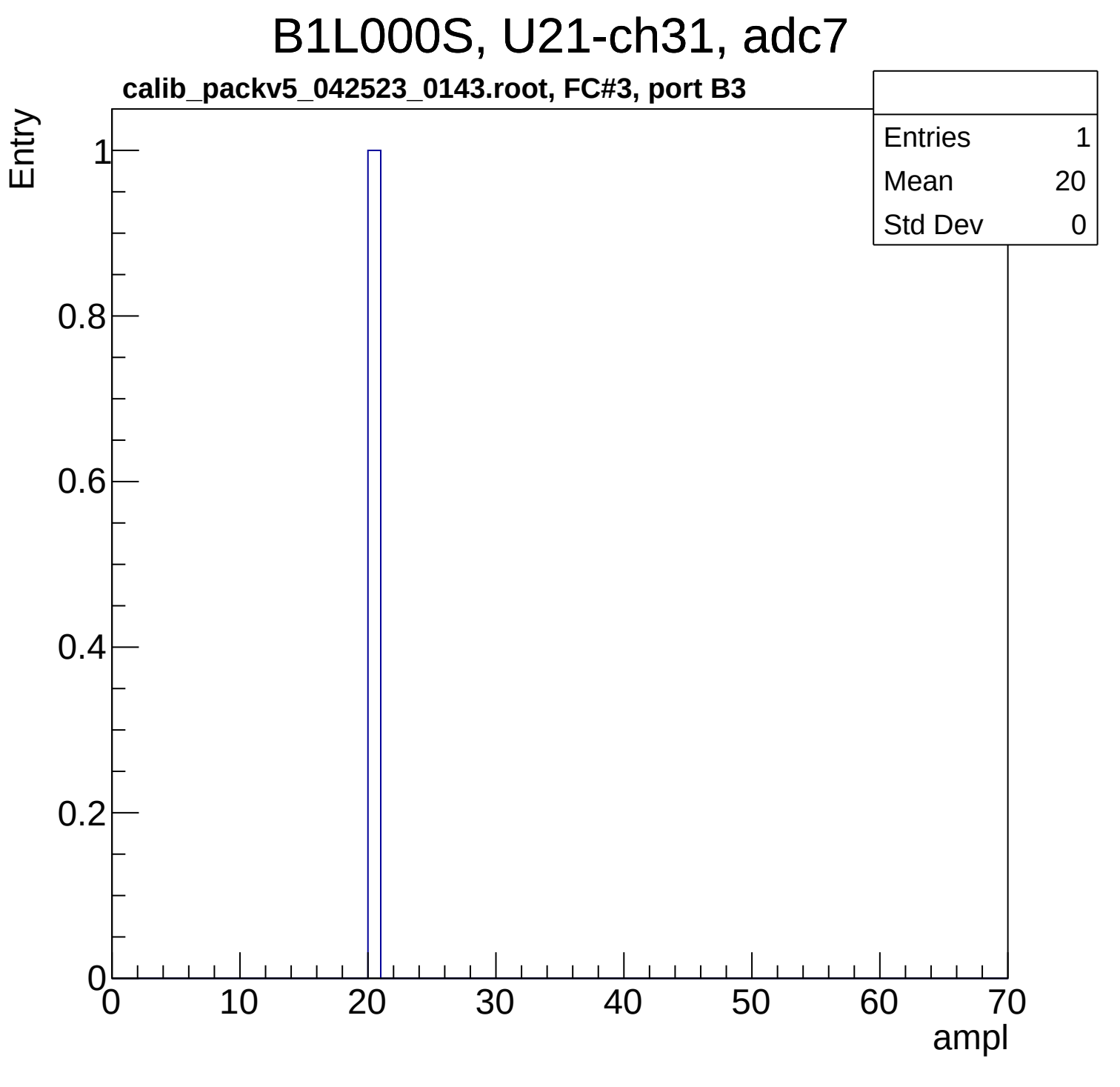

B1L000S, U21-ch31, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 43.44
Std Dev 2.987
Gaus mean : 43.3803
Gaus Width: 3.1579
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

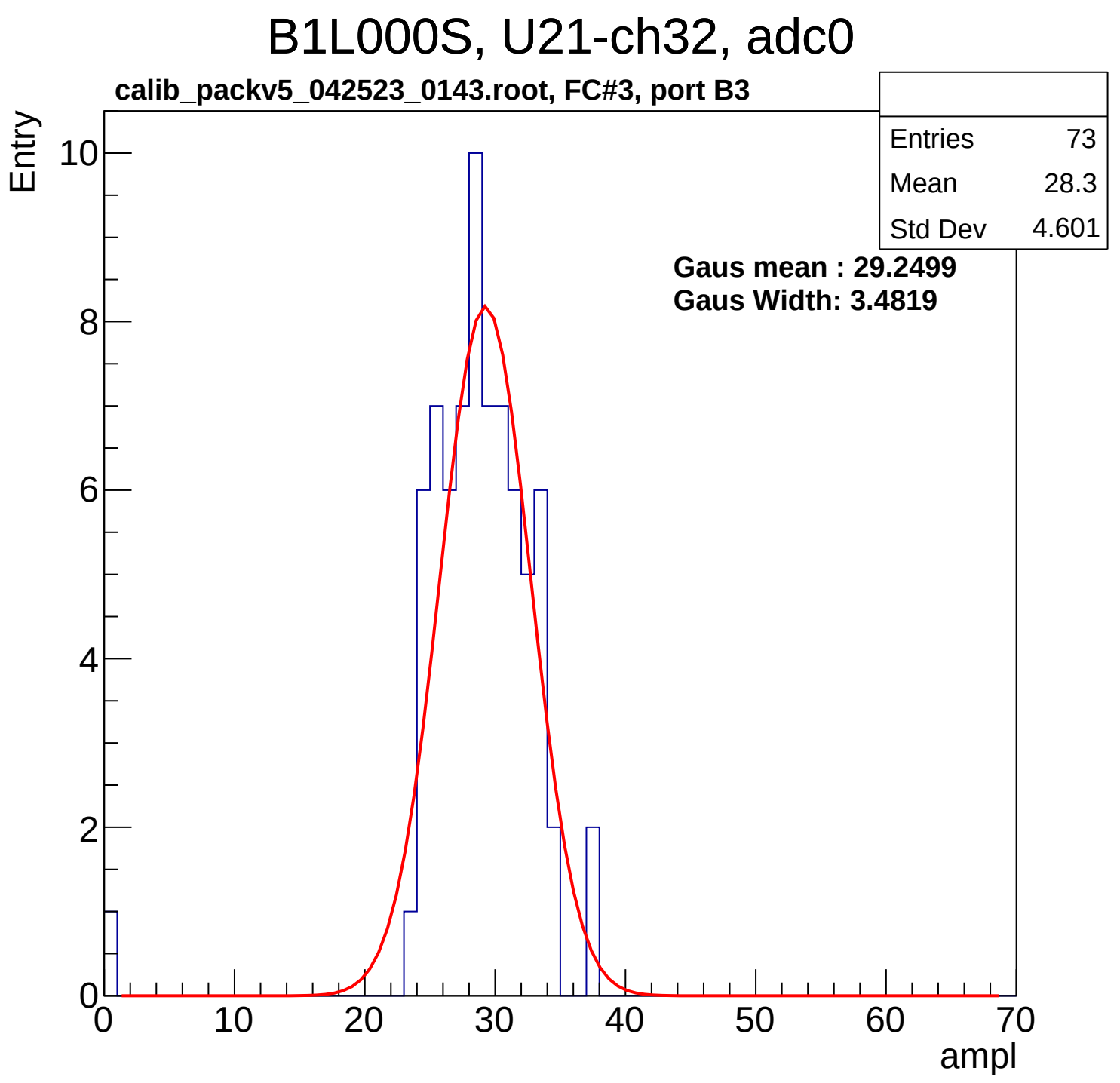

B1L000S, U21-ch31, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 49.63
Std Dev 3.308
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

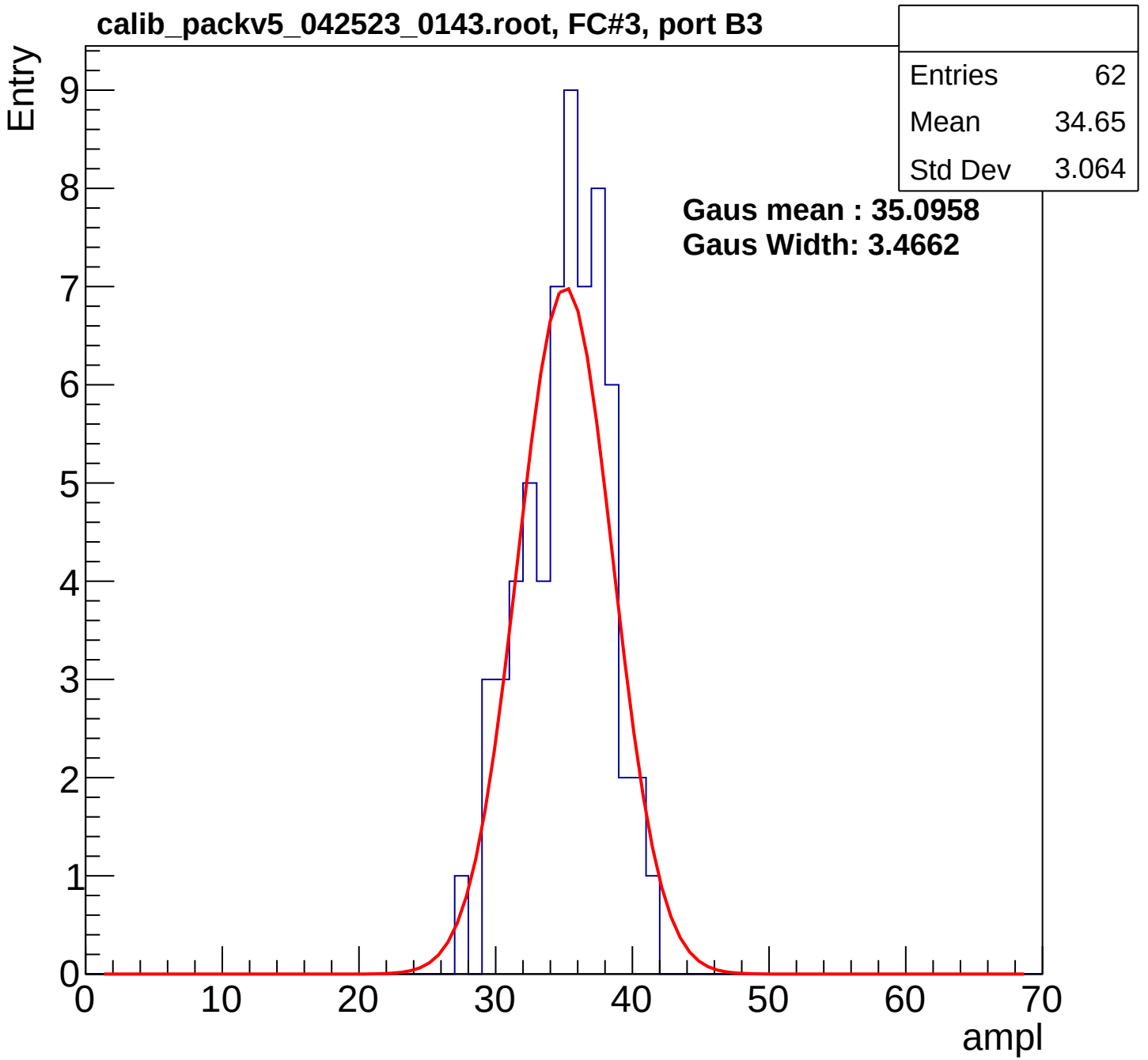

B1L000S, U21-ch31, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 54.78
Std Dev 2.917
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

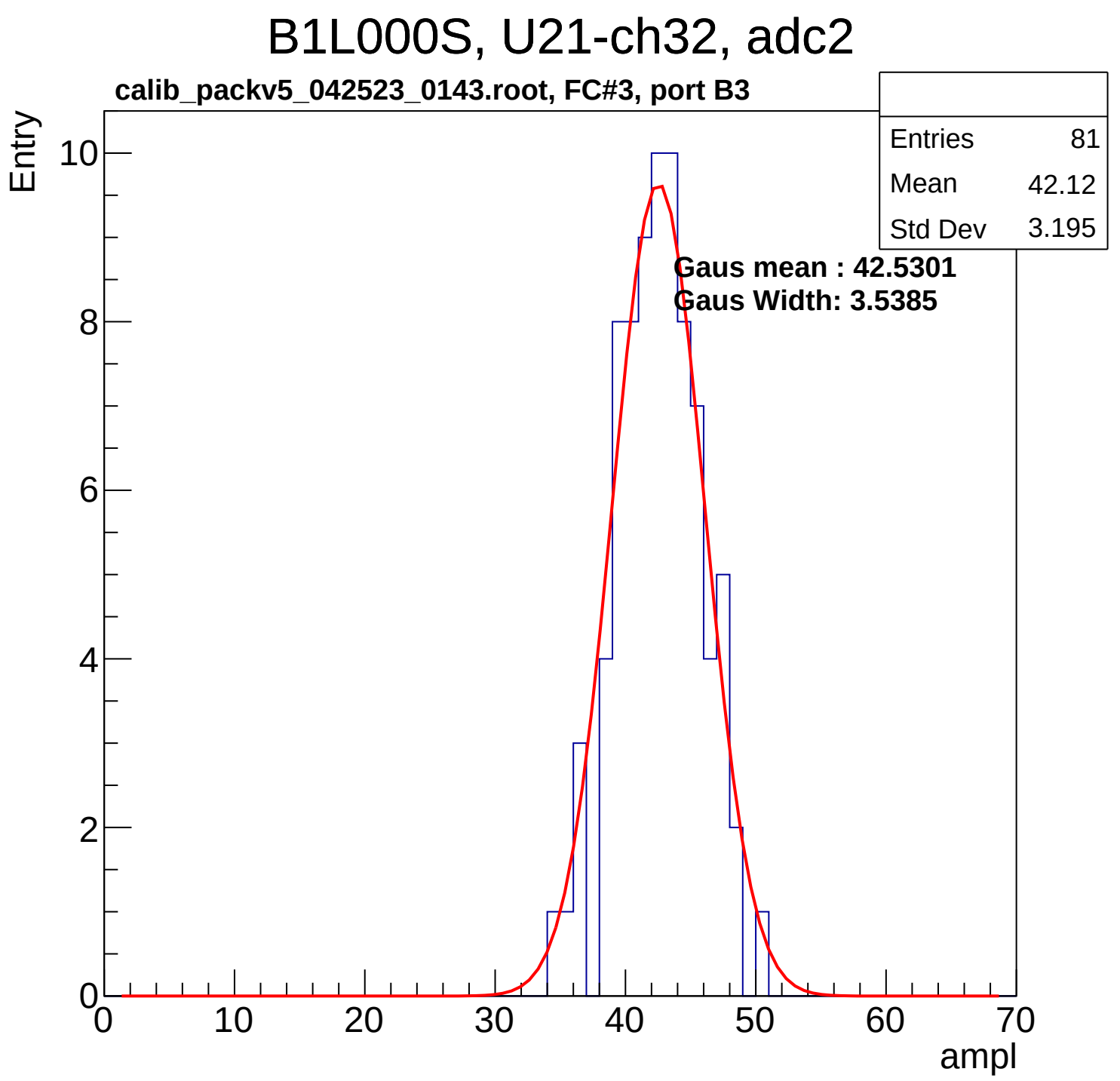

B1L000S, U21-ch31, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 58.36
Std Dev 9.16
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

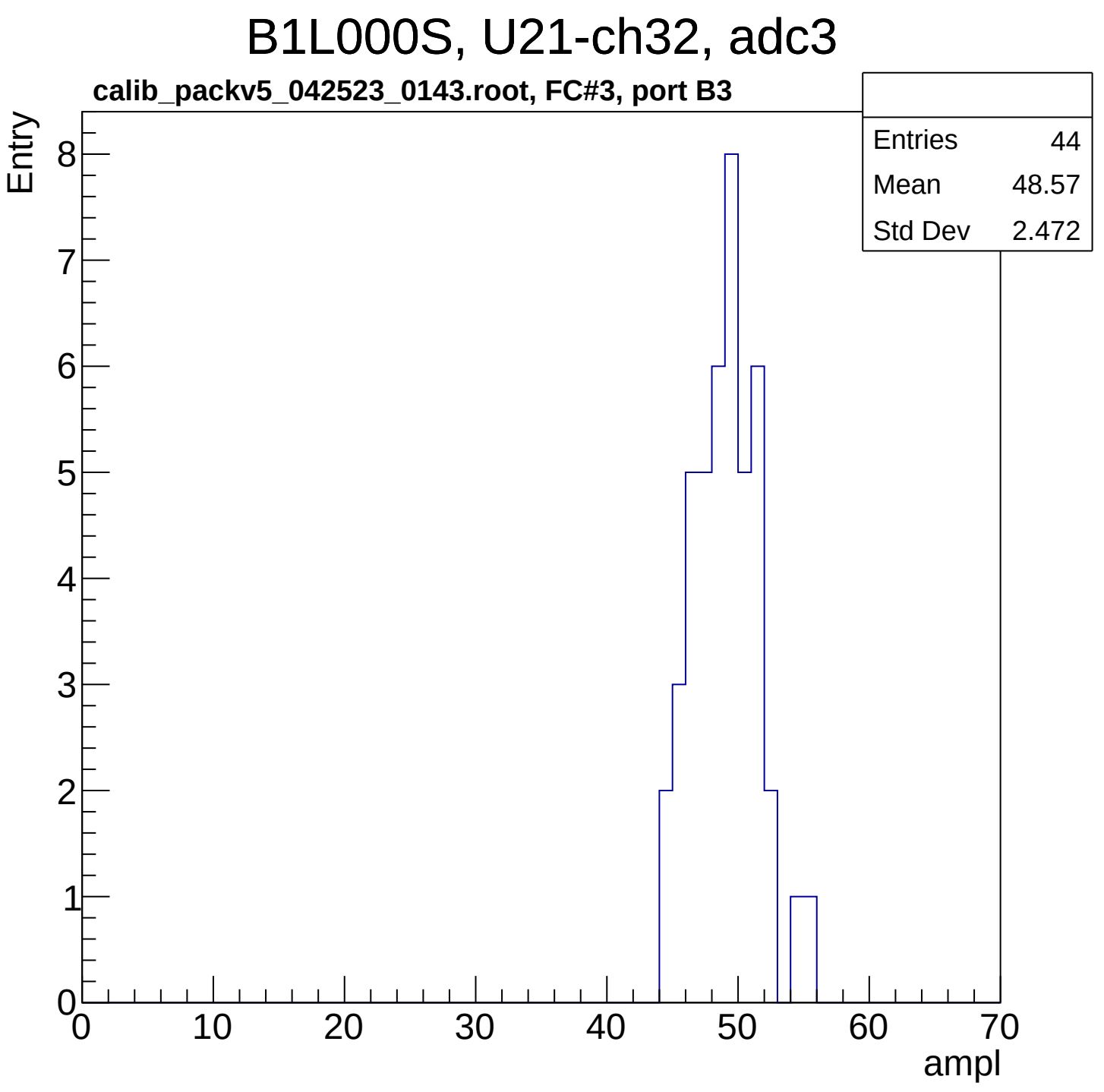

B1L000S, U21-ch31, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 61.86
Std Dev 1.059
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

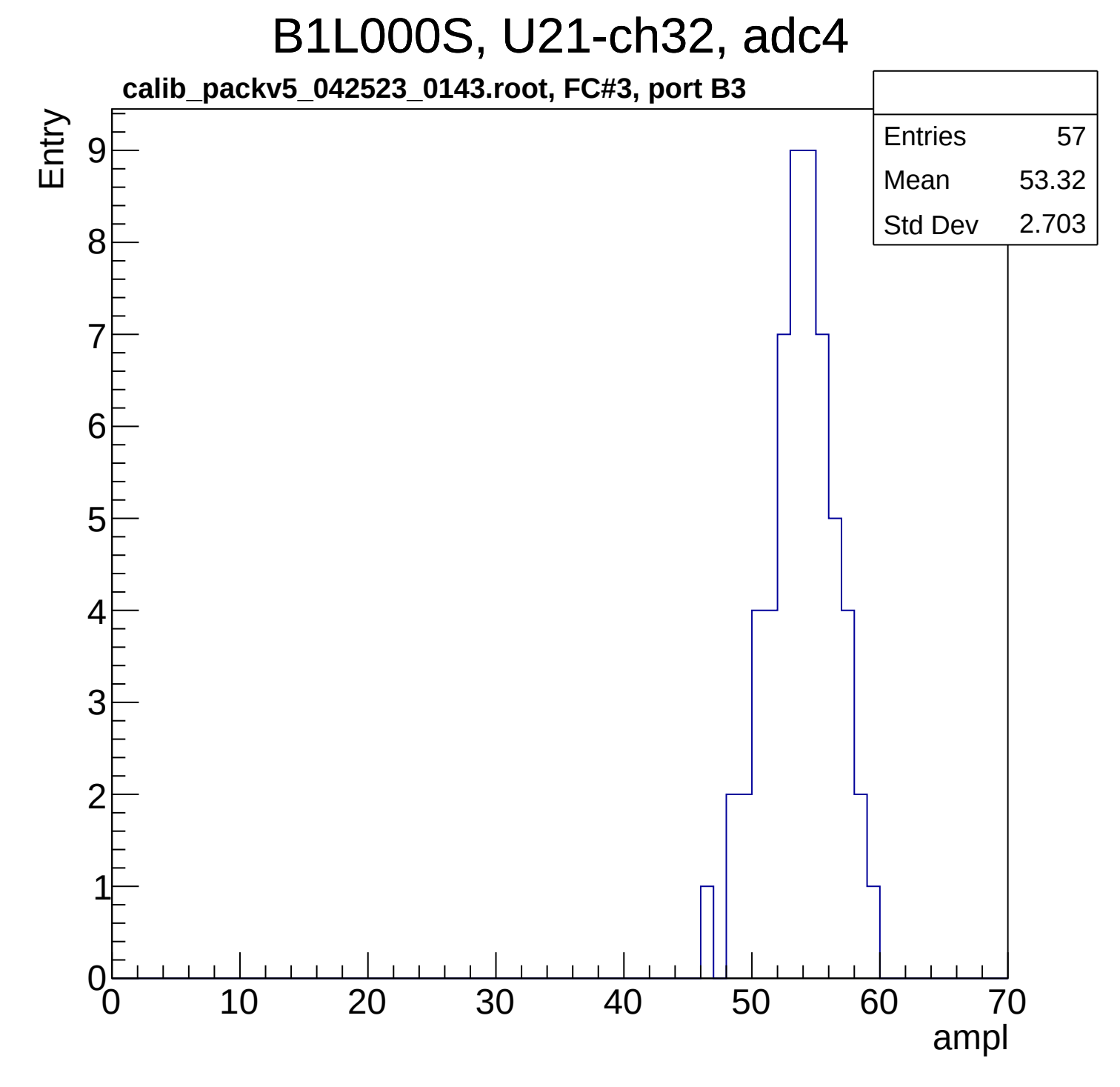

B1L000S, U21-ch31, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 20
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

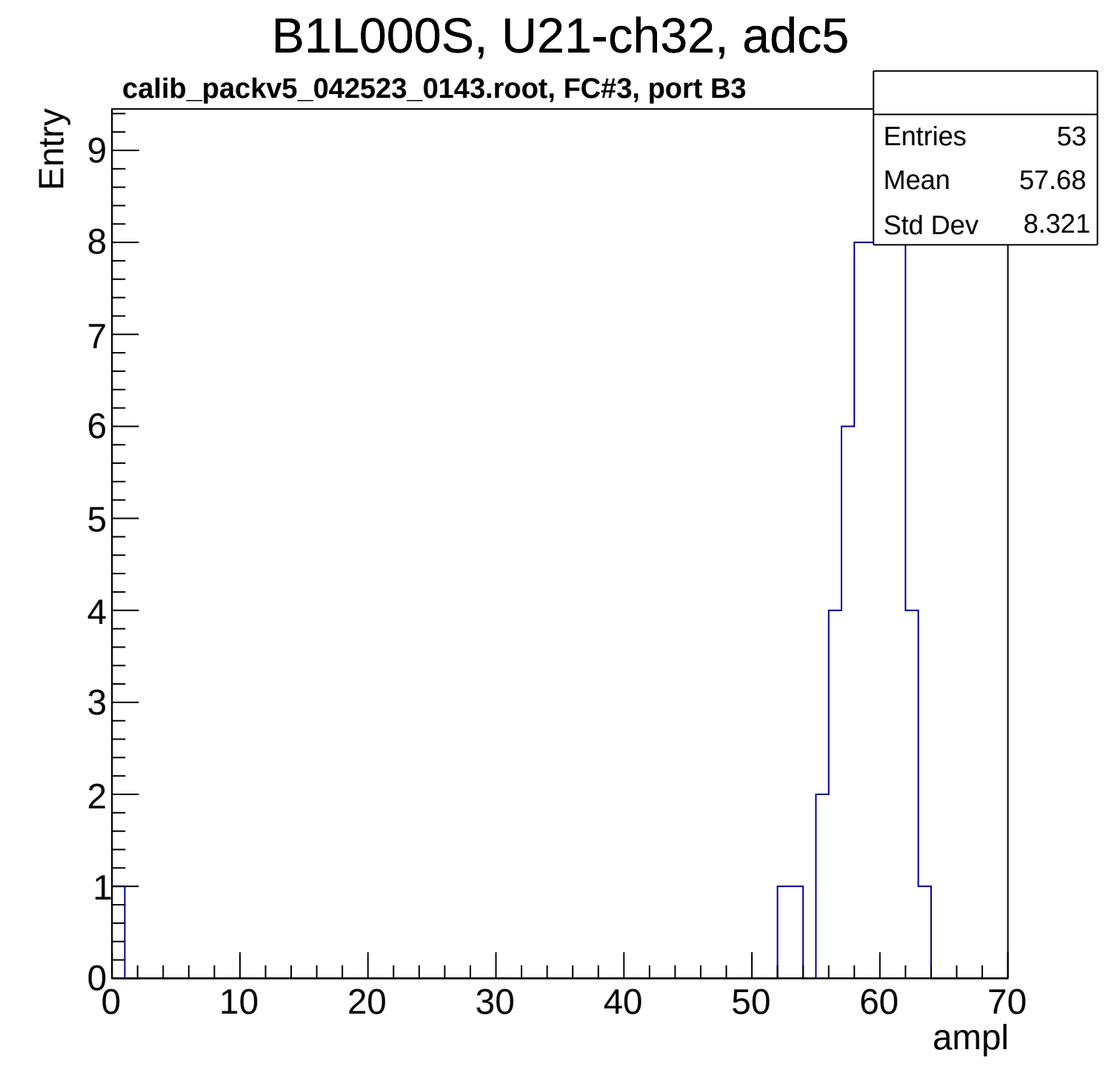

B1L000S, U21-ch32, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 28.3
Std Dev 4.601
Gaus mean : 29.2499
Gaus Width: 3.4819
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

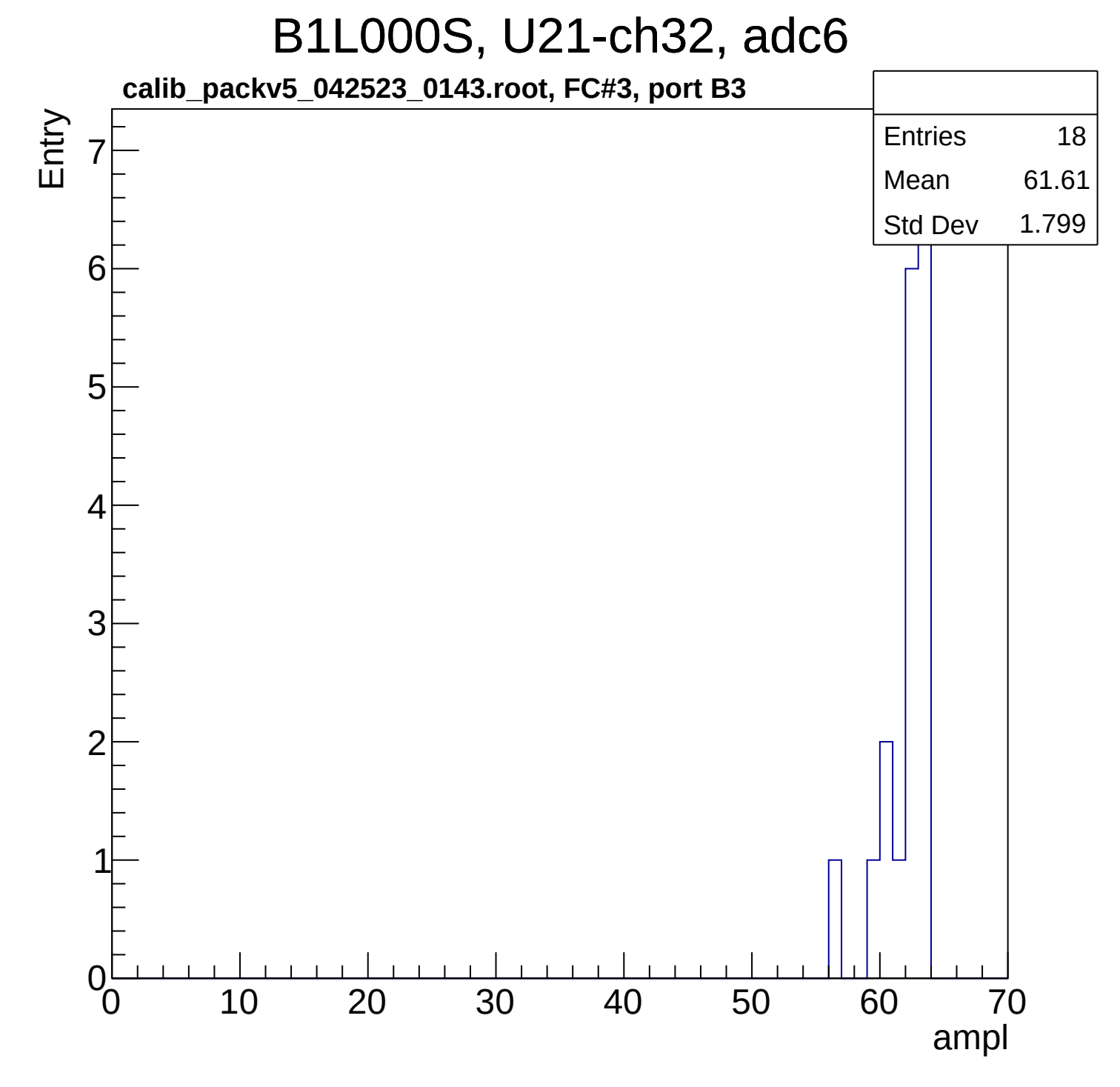

B1L000S, U21-ch32, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 34.65
Std Dev 3.064
Gaus mean : 35.0958
Gaus Width: 3.4662
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

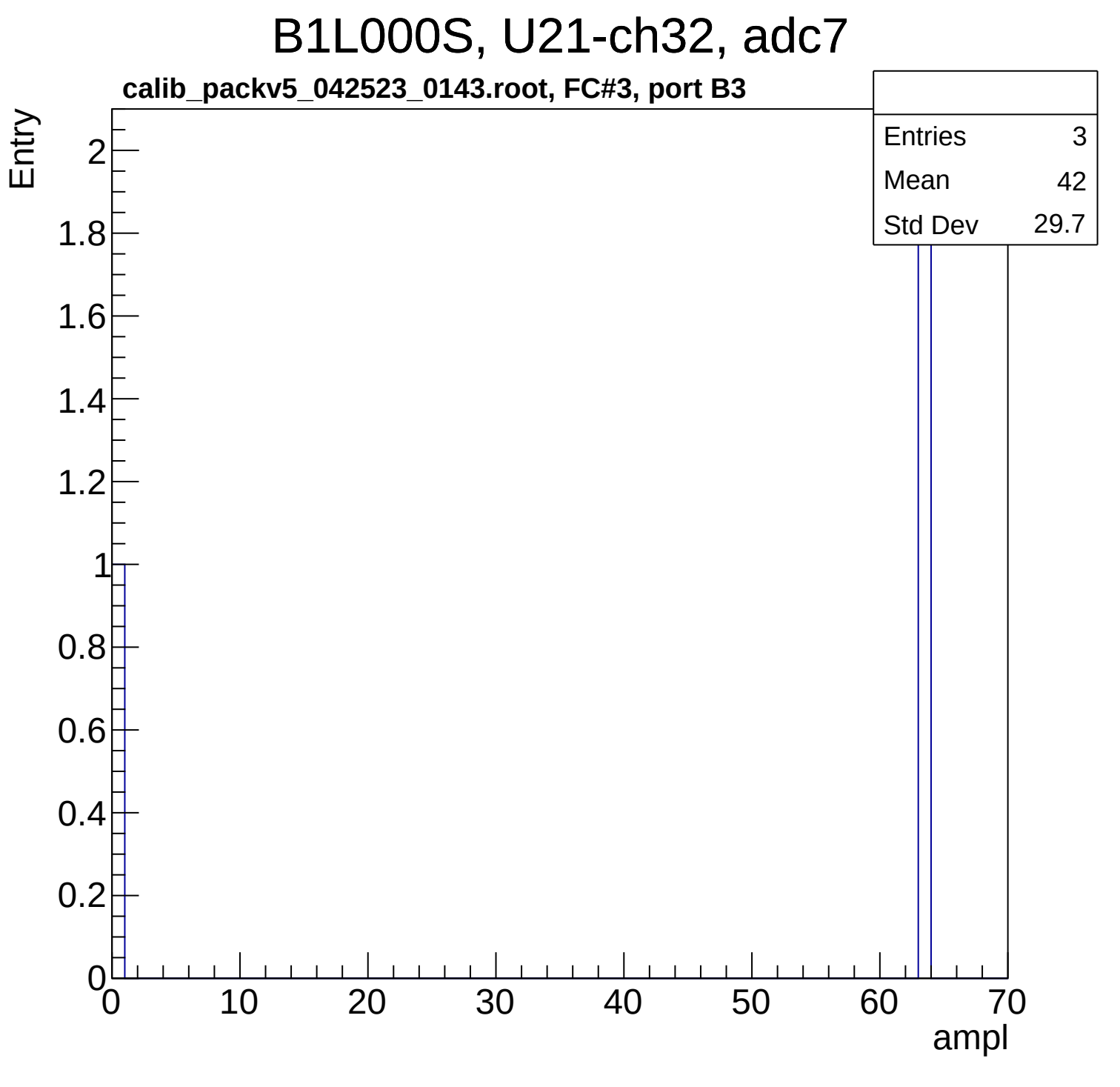

B1L000S, U21-ch32, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 81
Mean 42.12
Std Dev 3.195
Gaus mean : 42.5301
Gaus Width: 3.5385
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

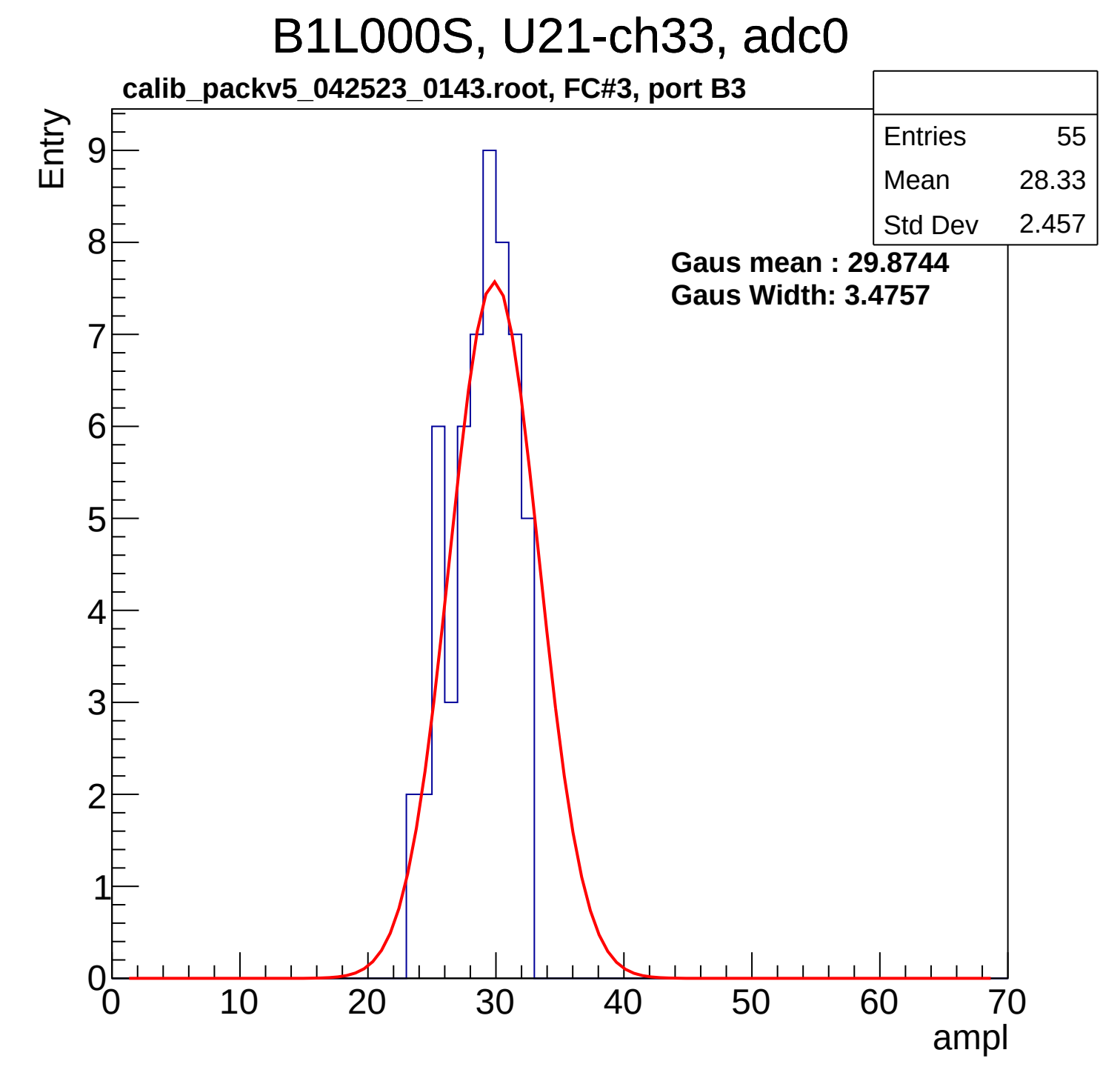

B1L000S, U21-ch32, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 48.57
Std Dev 2.472
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

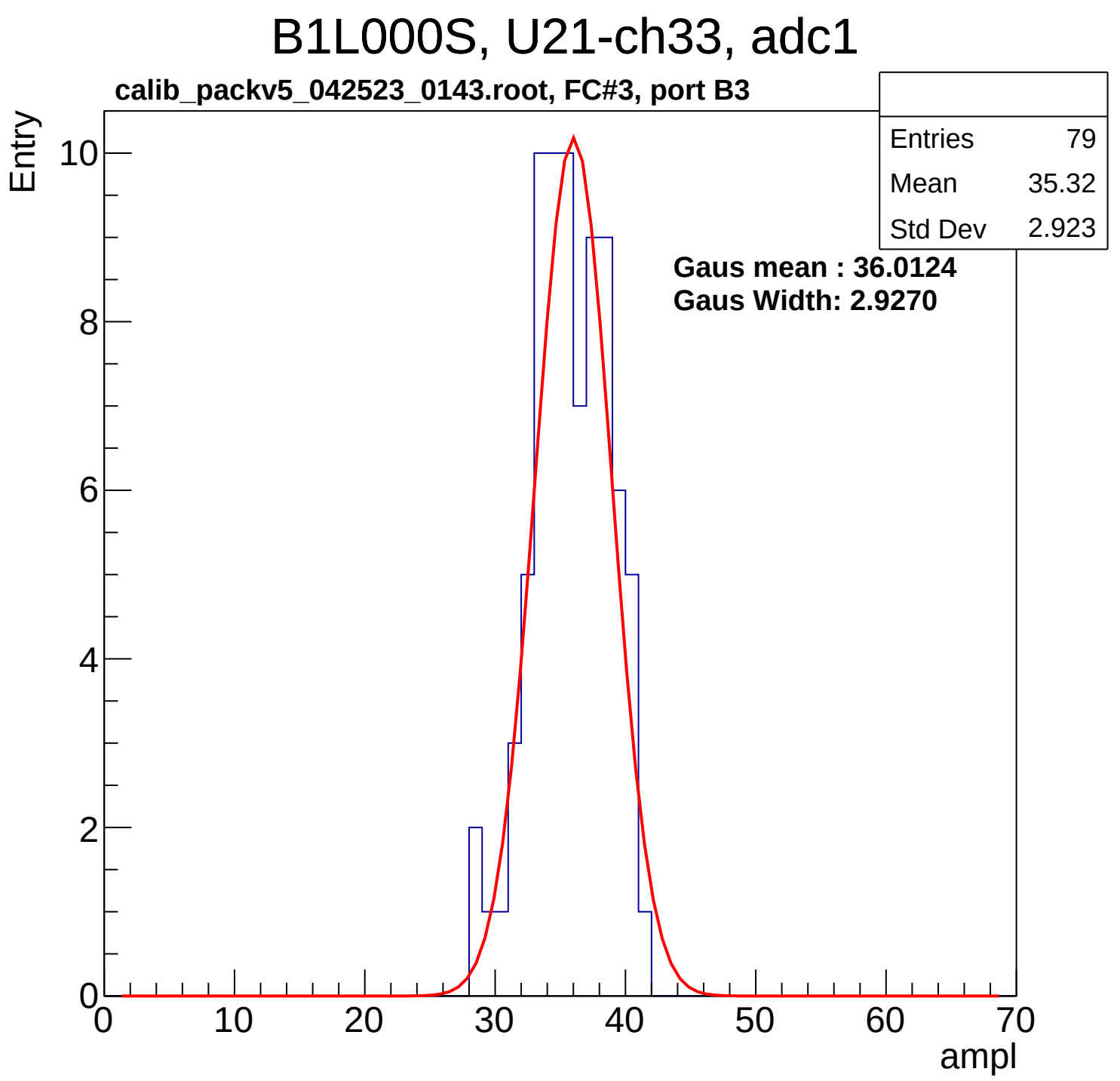

B1L000S, U21-ch32, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 53.32
Std Dev 2.703
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

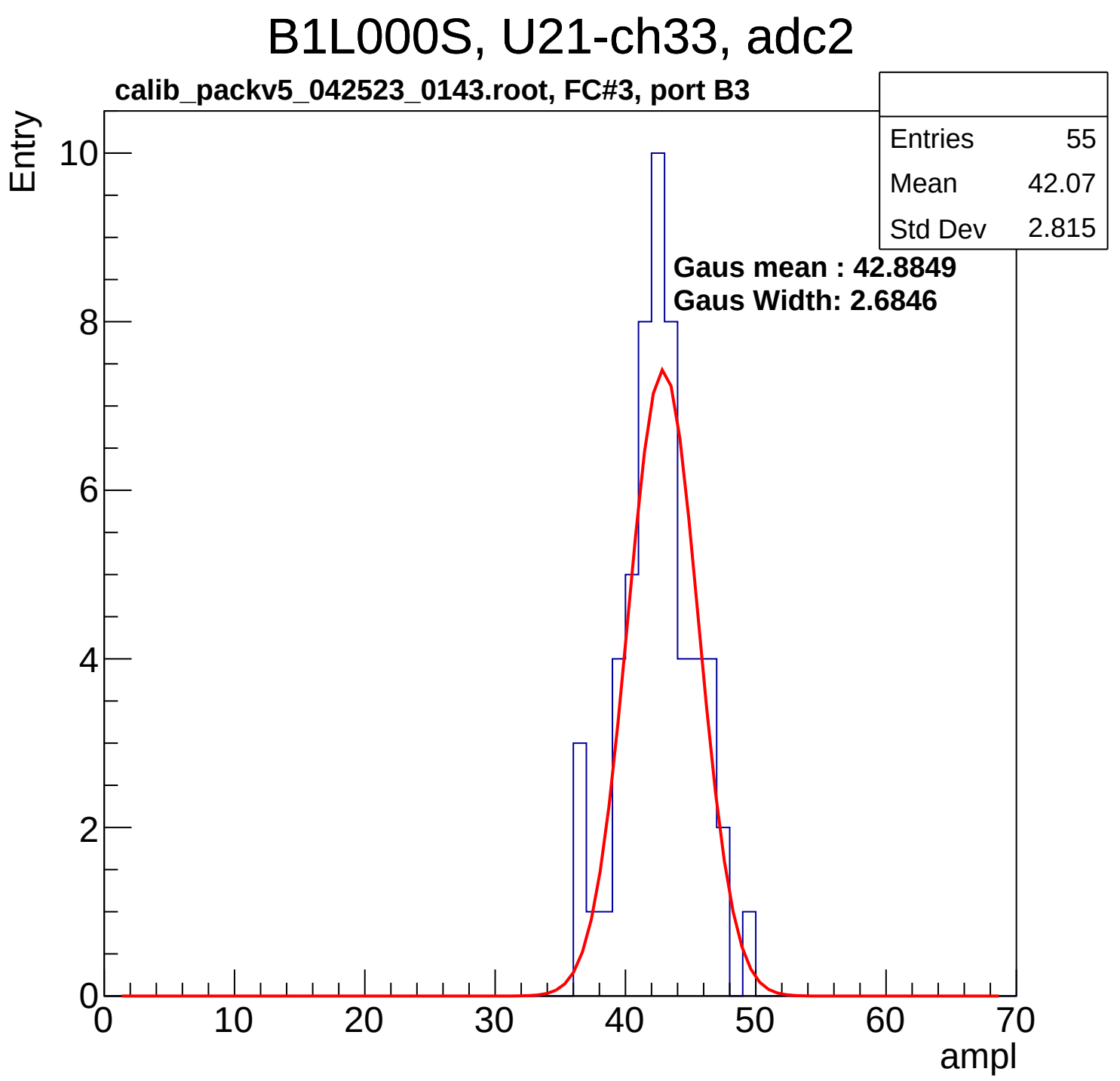

B1L000S, U21-ch32, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 57.68
Std Dev 8.321
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

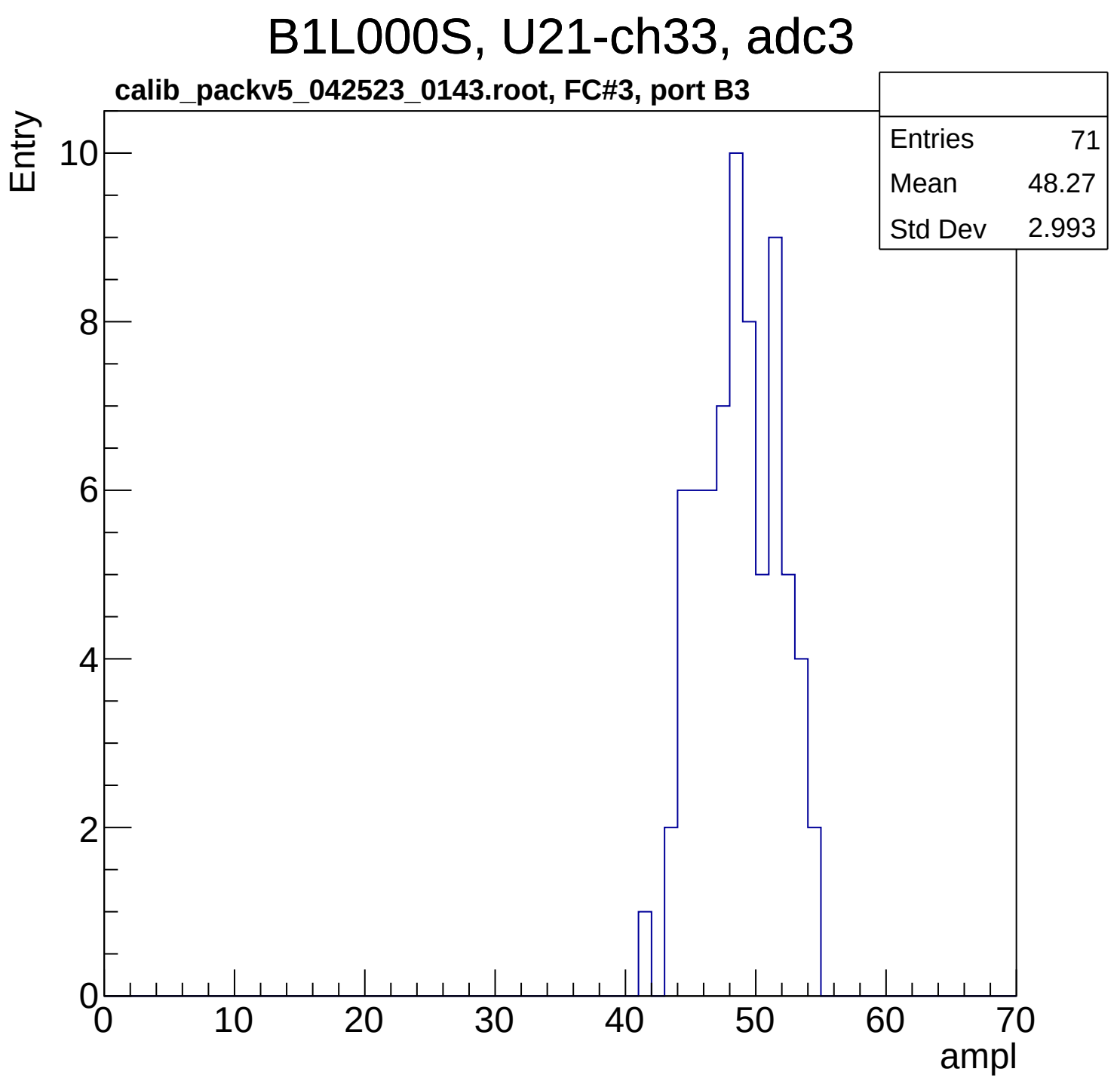

B1L000S, U21-ch32, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 18
Mean 61.61
Std Dev 1.799
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

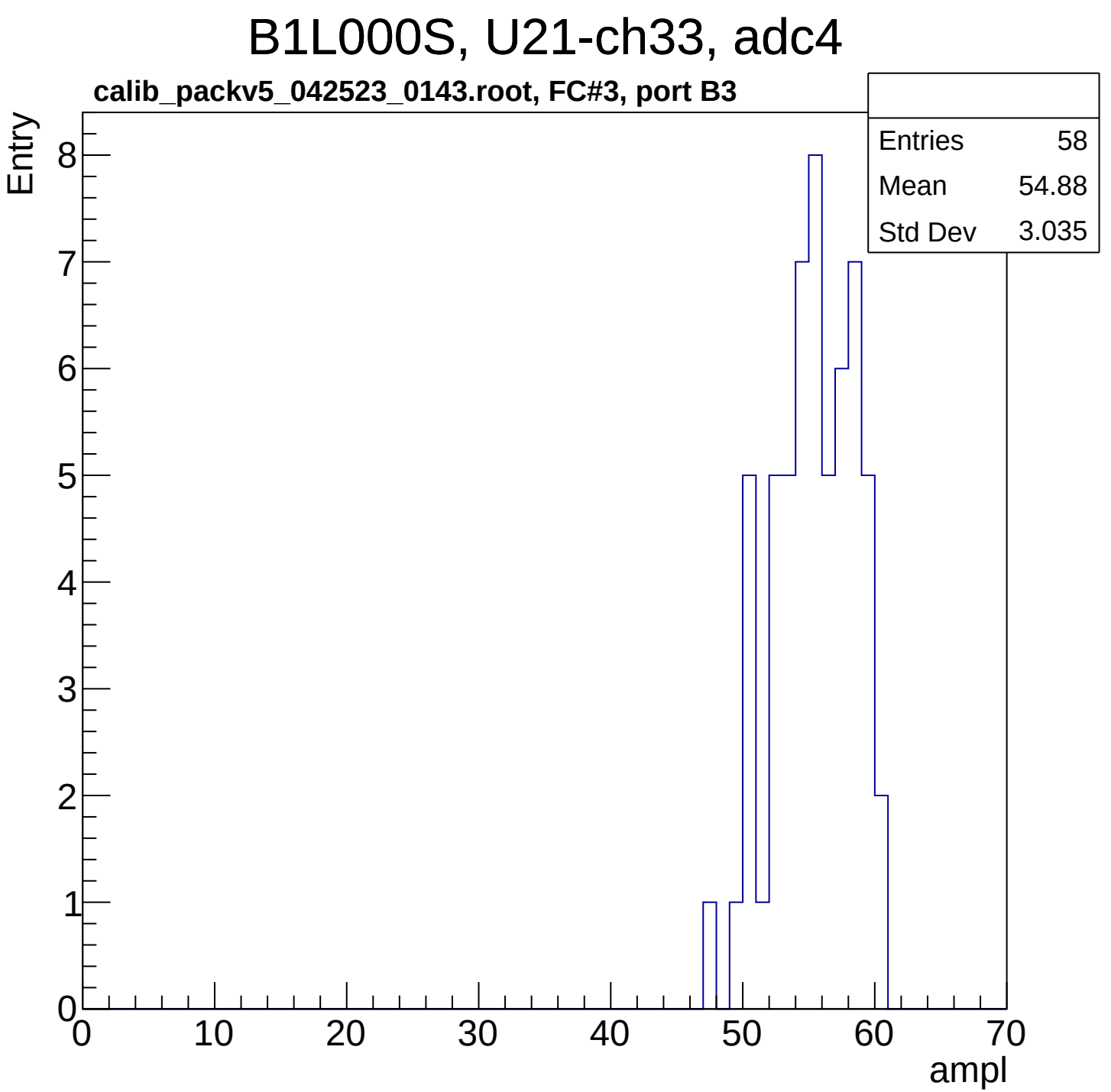

B1L000S, U21-ch32, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 42
Std Dev 29.7
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

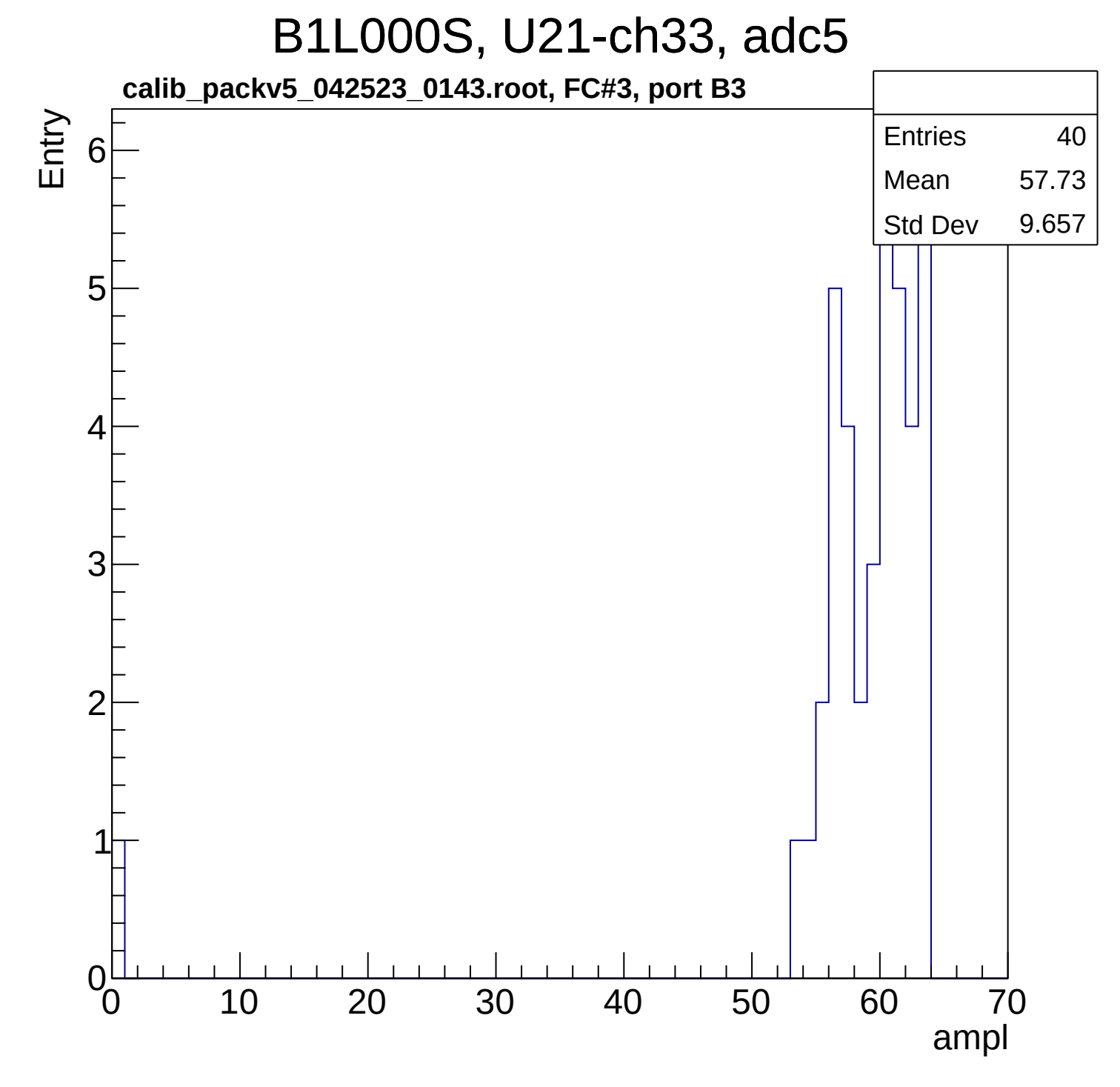

B1L000S, U21-ch33, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 28.33
Std Dev 2.457
Gaus mean : 29.8744
Gaus Width: 3.4757
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

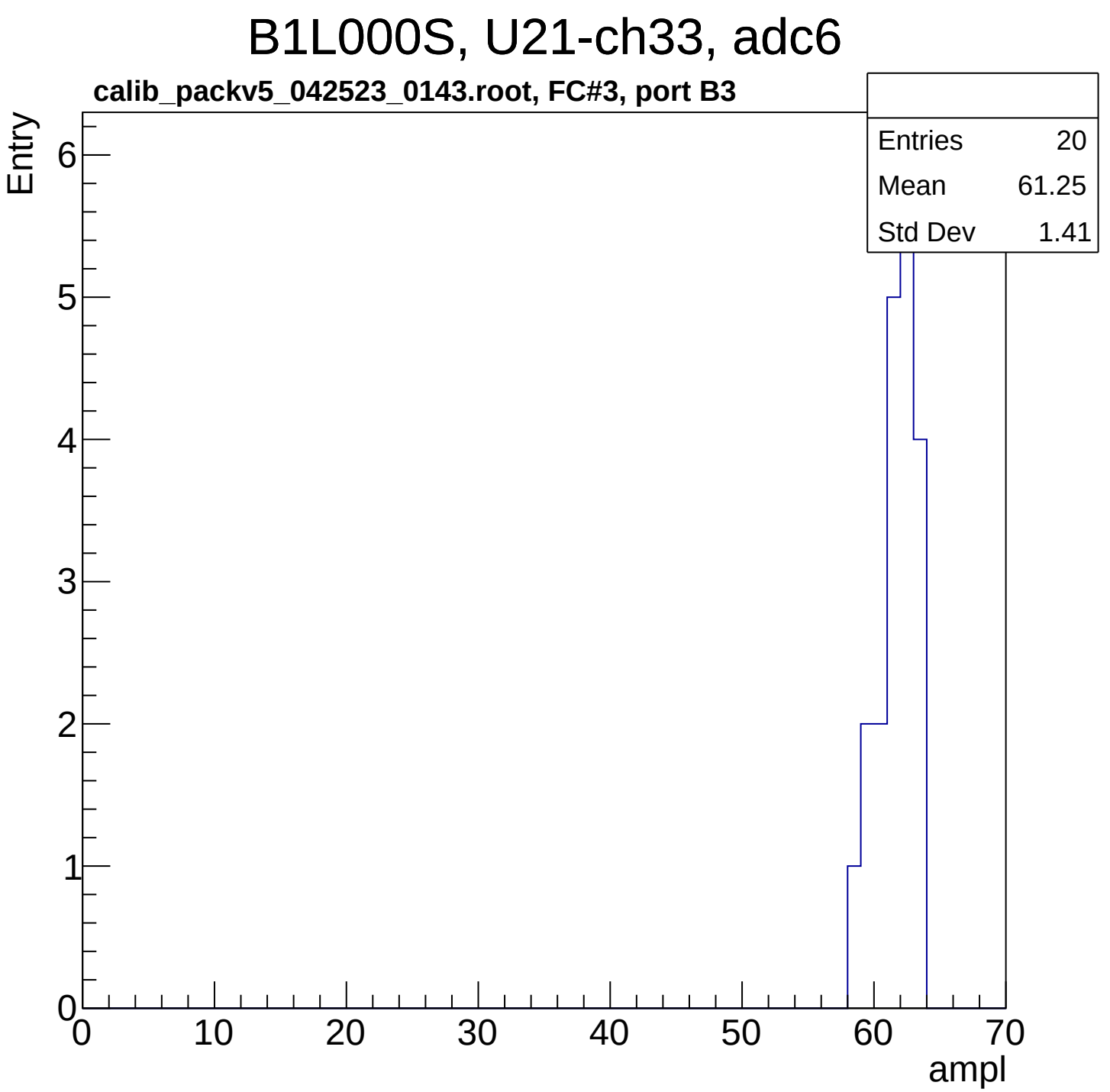

B1L000S, U21-ch33, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 35.32
Std Dev 2.923
Gaus mean : 36.0124
Gaus Width: 2.9270
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

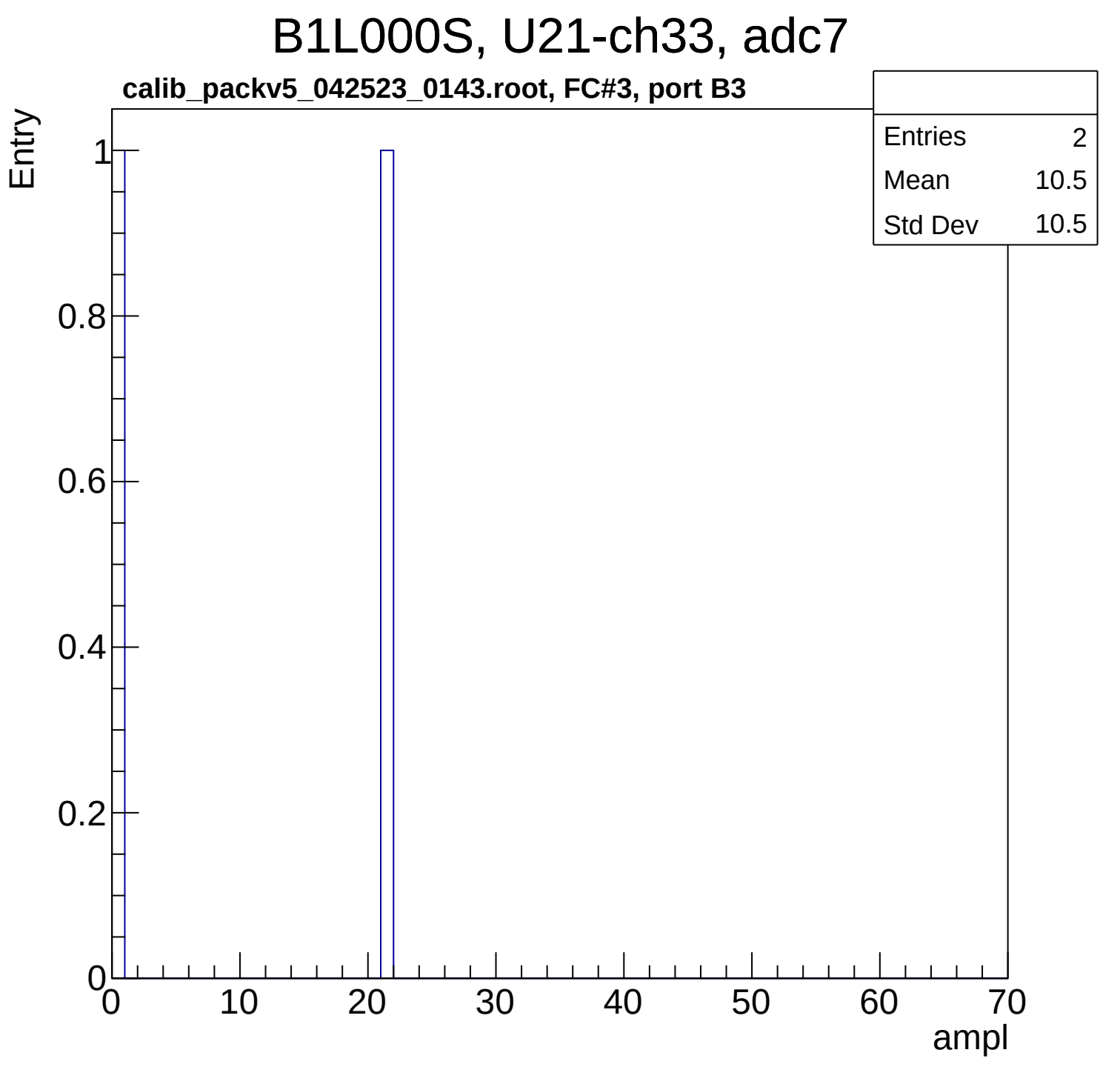

B1L000S, U21-ch33, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 42.07
Std Dev 2.815
Gaus mean : 42.8849
Gaus Width: 2.6846
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

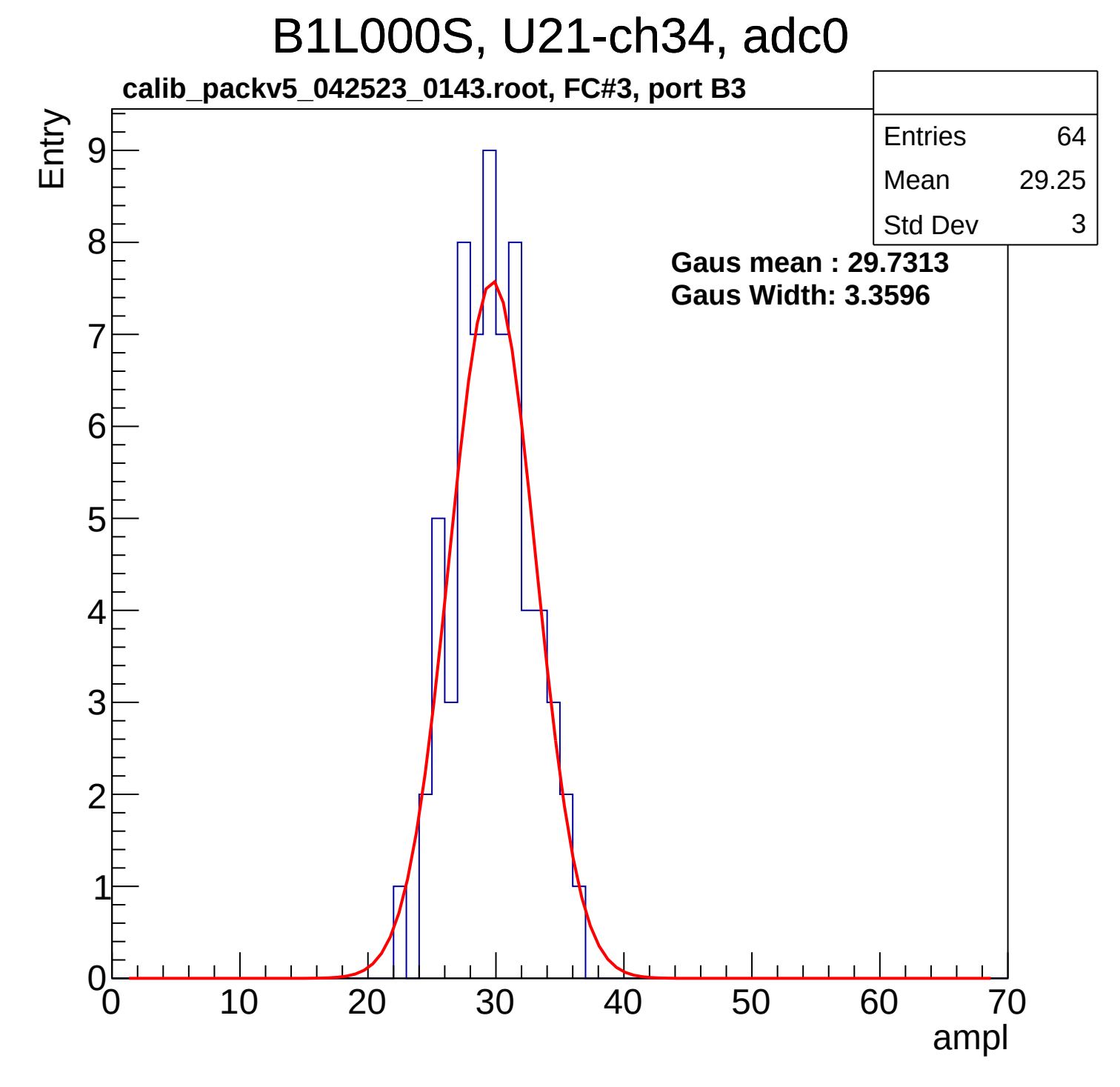

B1L000S, U21-ch33, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 48.27
Std Dev 2.993
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

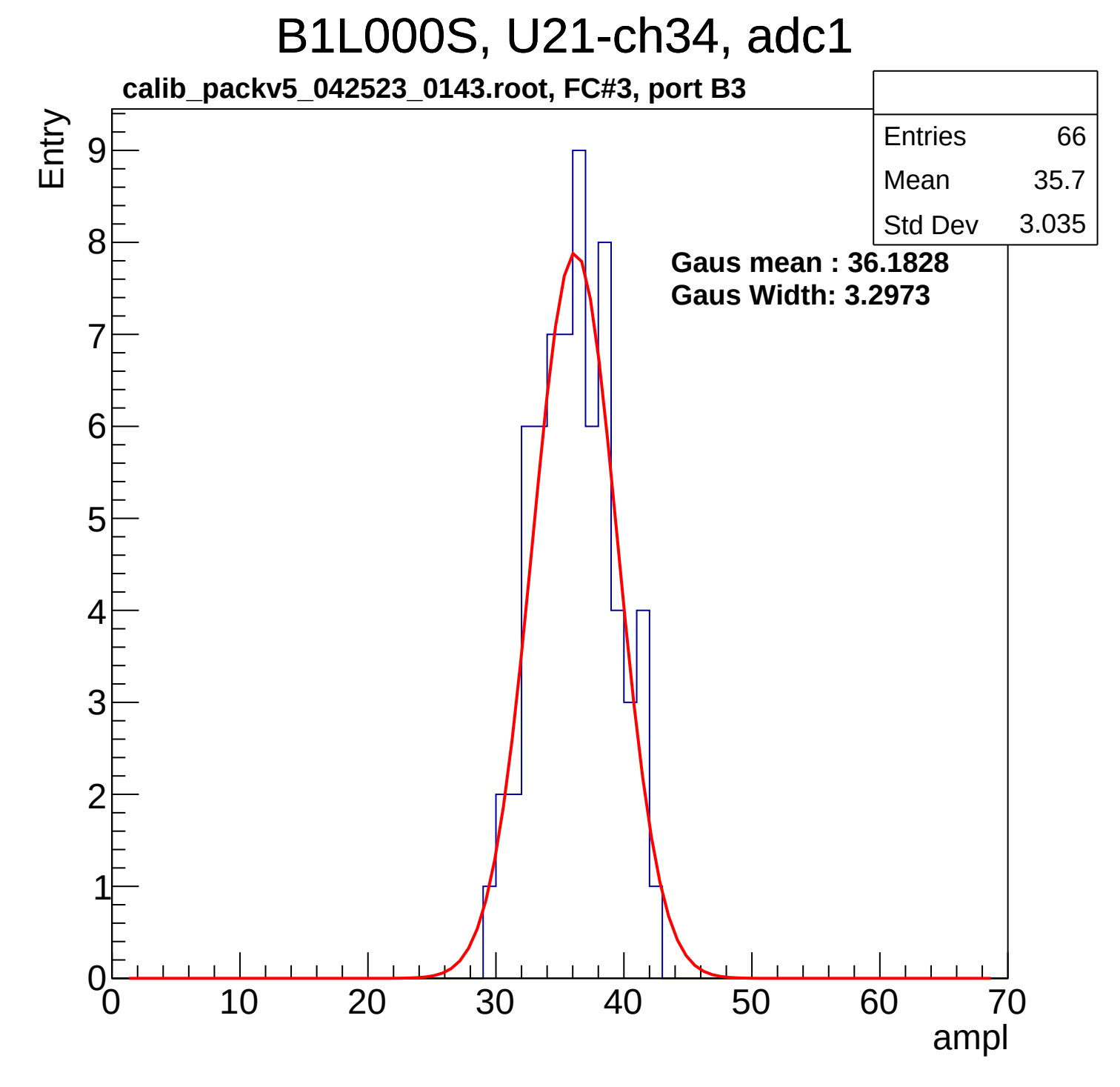

B1L000S, U21-ch33, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 54.88
Std Dev 3.035
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

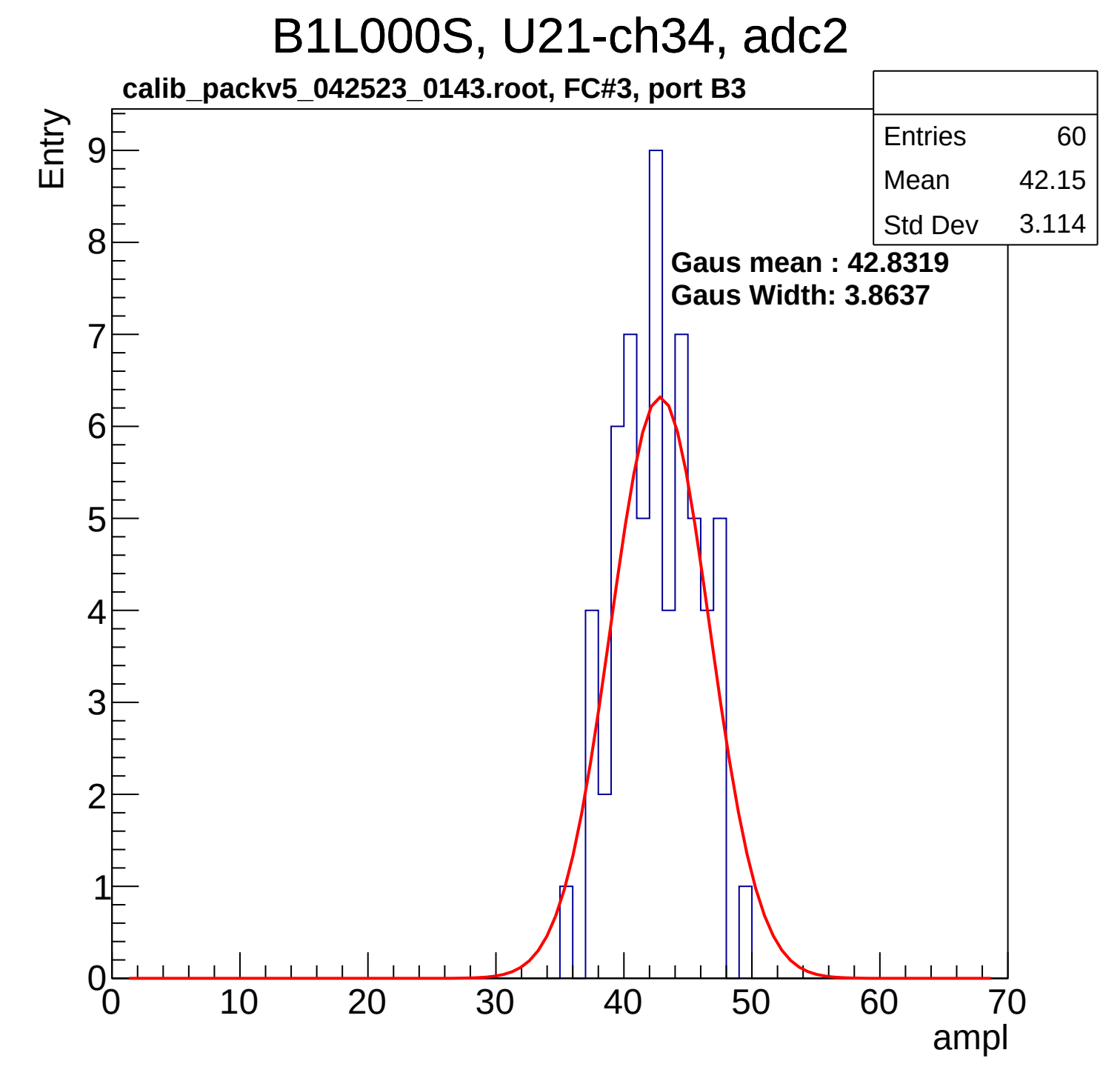

B1L000S, U21-ch33, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 40
Mean 57.73
Std Dev 9.657
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

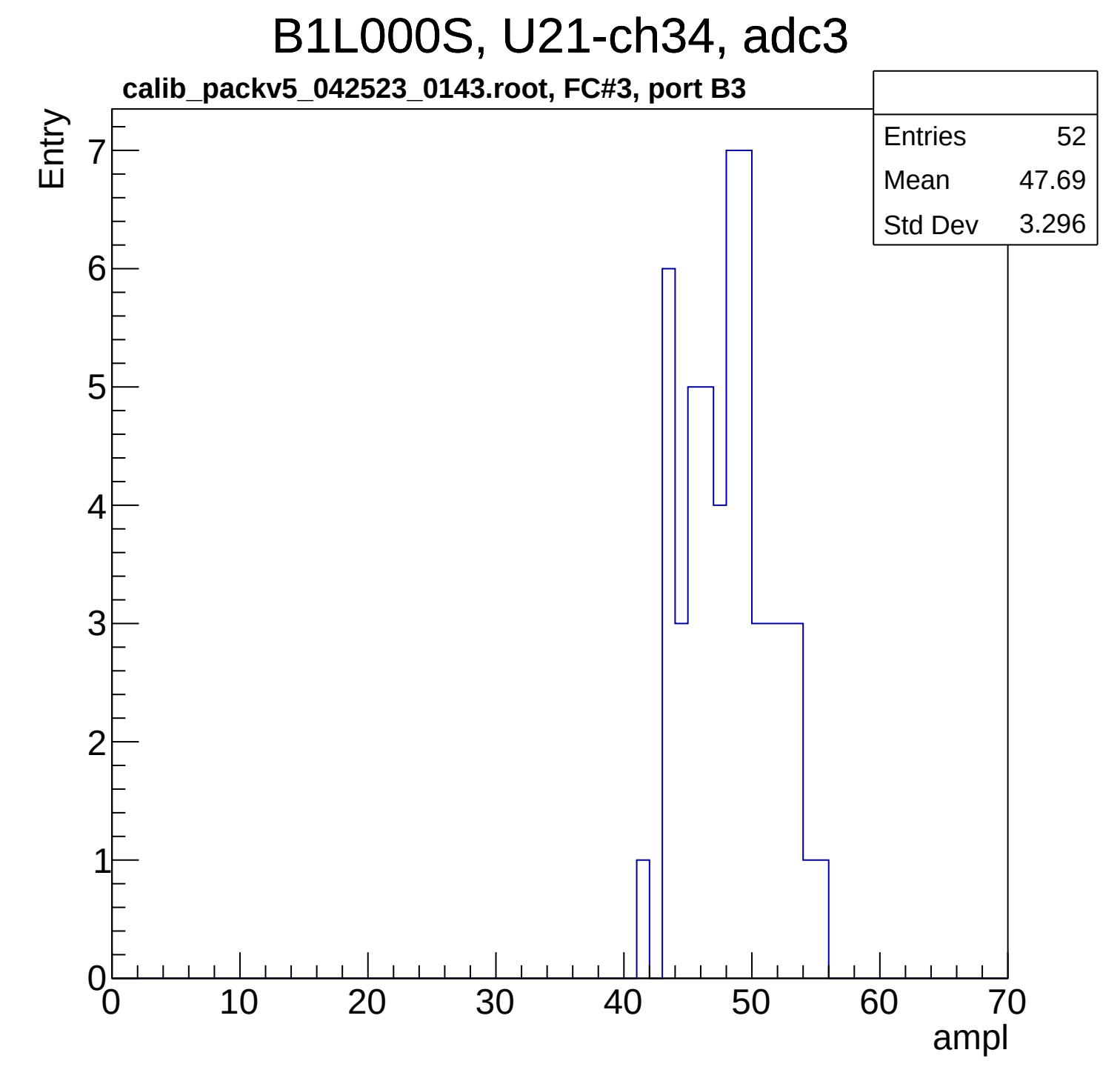

B1L000S, U21-ch33, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 20
Mean 61.25
Std Dev 1.41
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

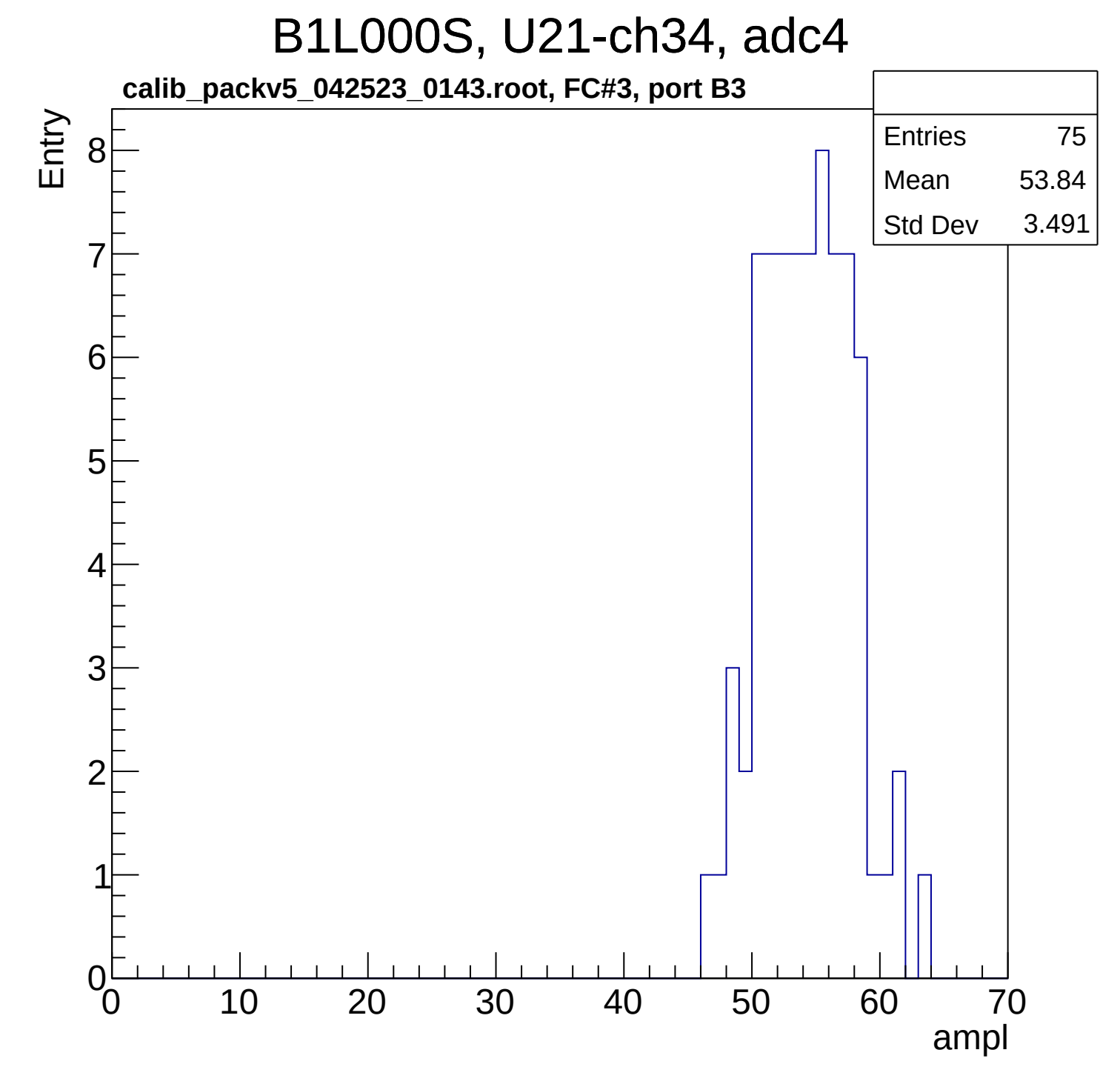

B1L000S, U21-ch33, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 10.5
Std Dev 10.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

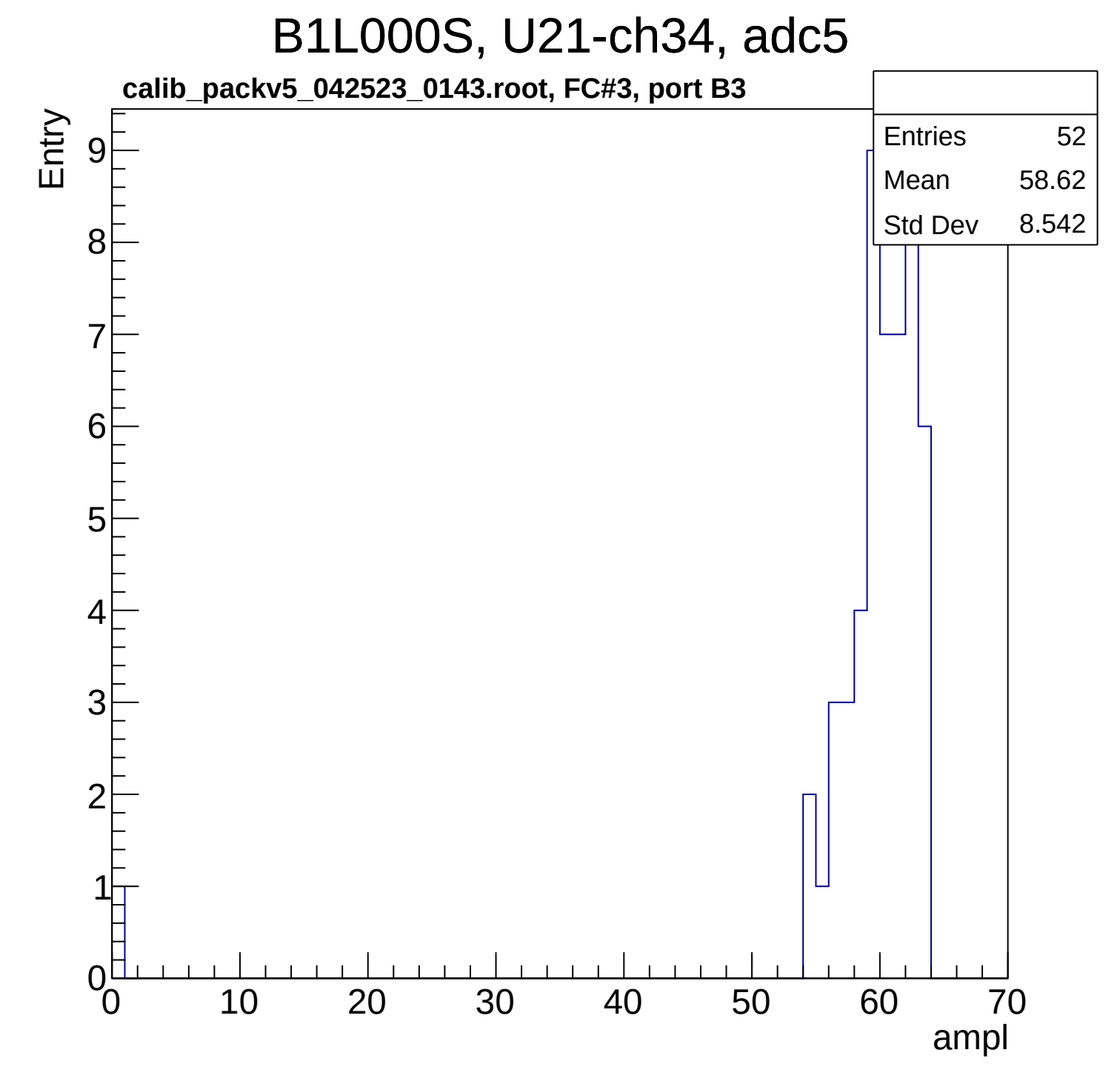

B1L000S, U21-ch34, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 29.25
Std Dev 3
Gaus mean : 29.7313
Gaus Width: 3.3596
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

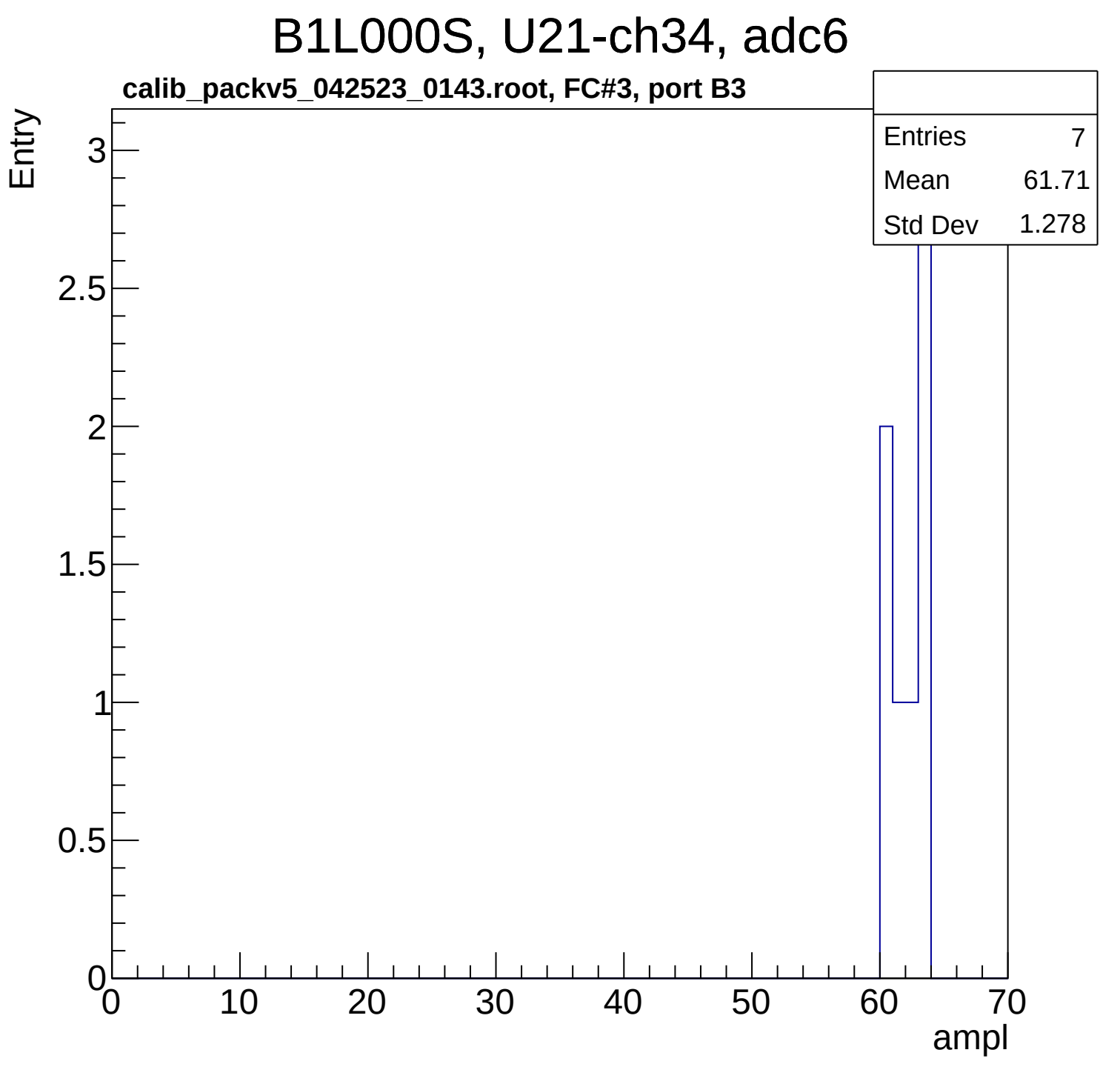

B1L000S, U21-ch34, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 35.7
Std Dev 3.035
Gaus mean : 36.1828
Gaus Width: 3.2973
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

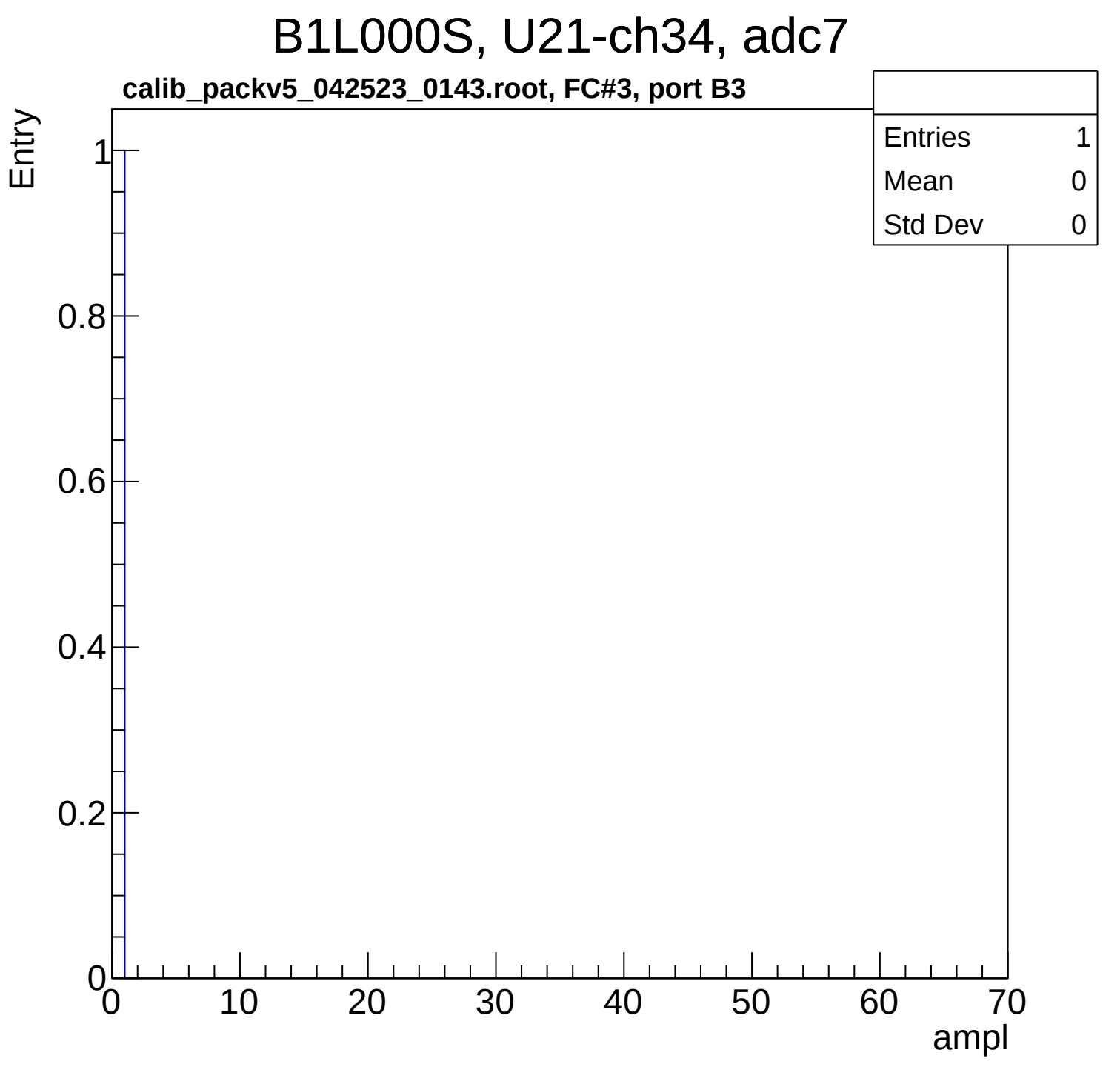

B1L000S, U21-ch34, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 42.15
Std Dev 3.114
Gaus mean : 42.8319
Gaus Width: 3.8637
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

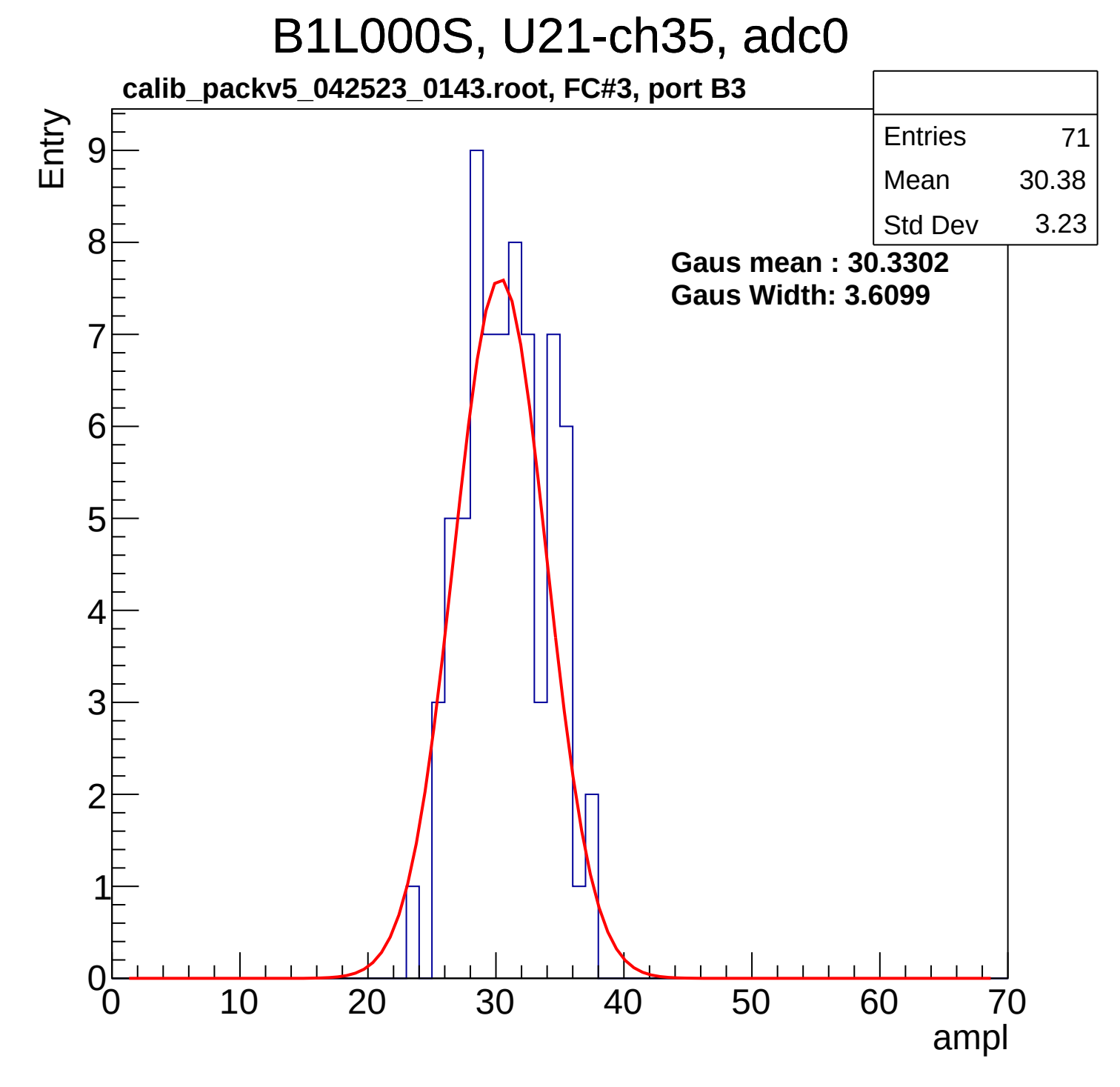

B1L000S, U21-ch34, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 47.69
Std Dev 3.296
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

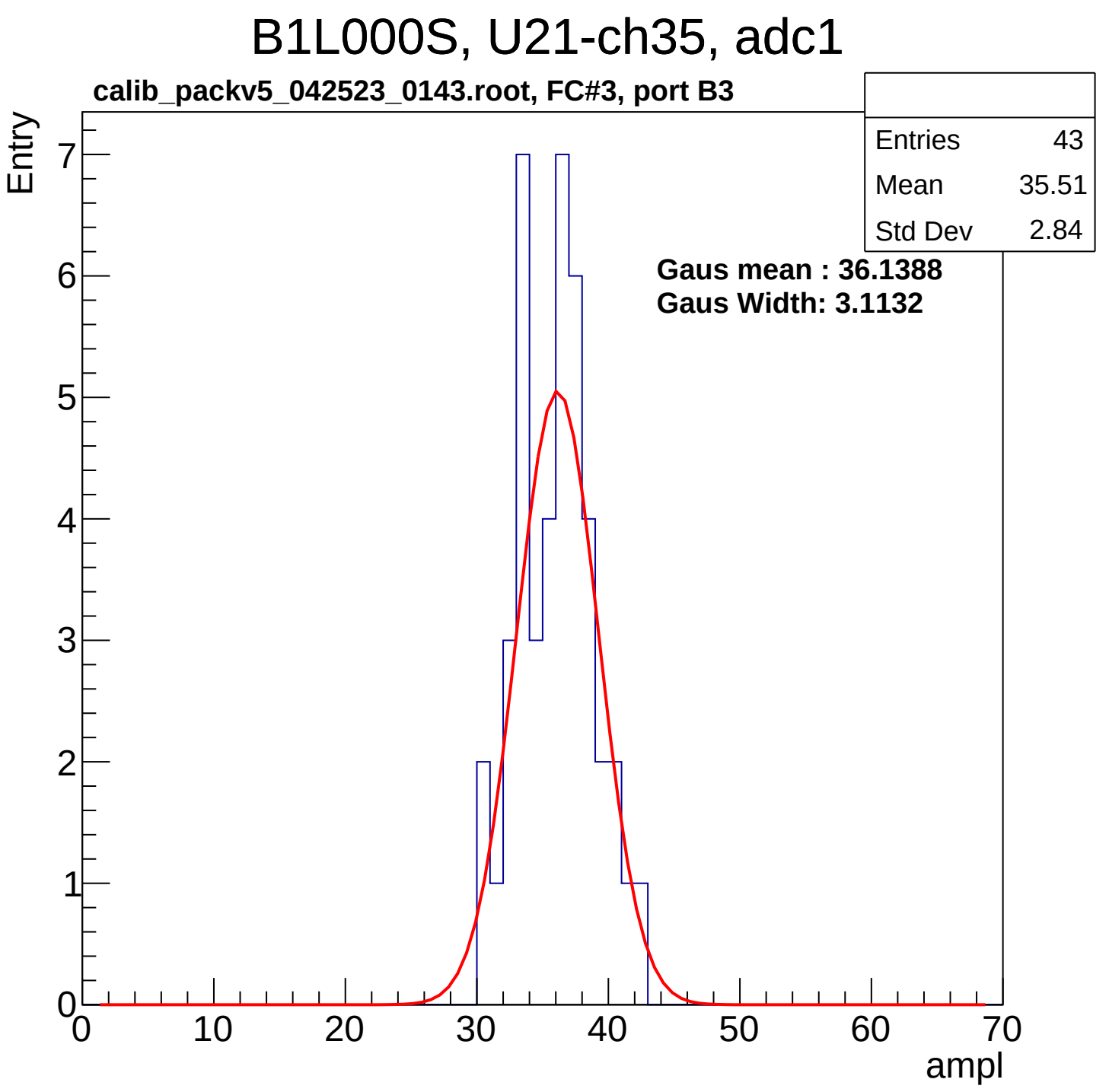

B1L000S, U21-ch34, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 53.84
Std Dev 3.491
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

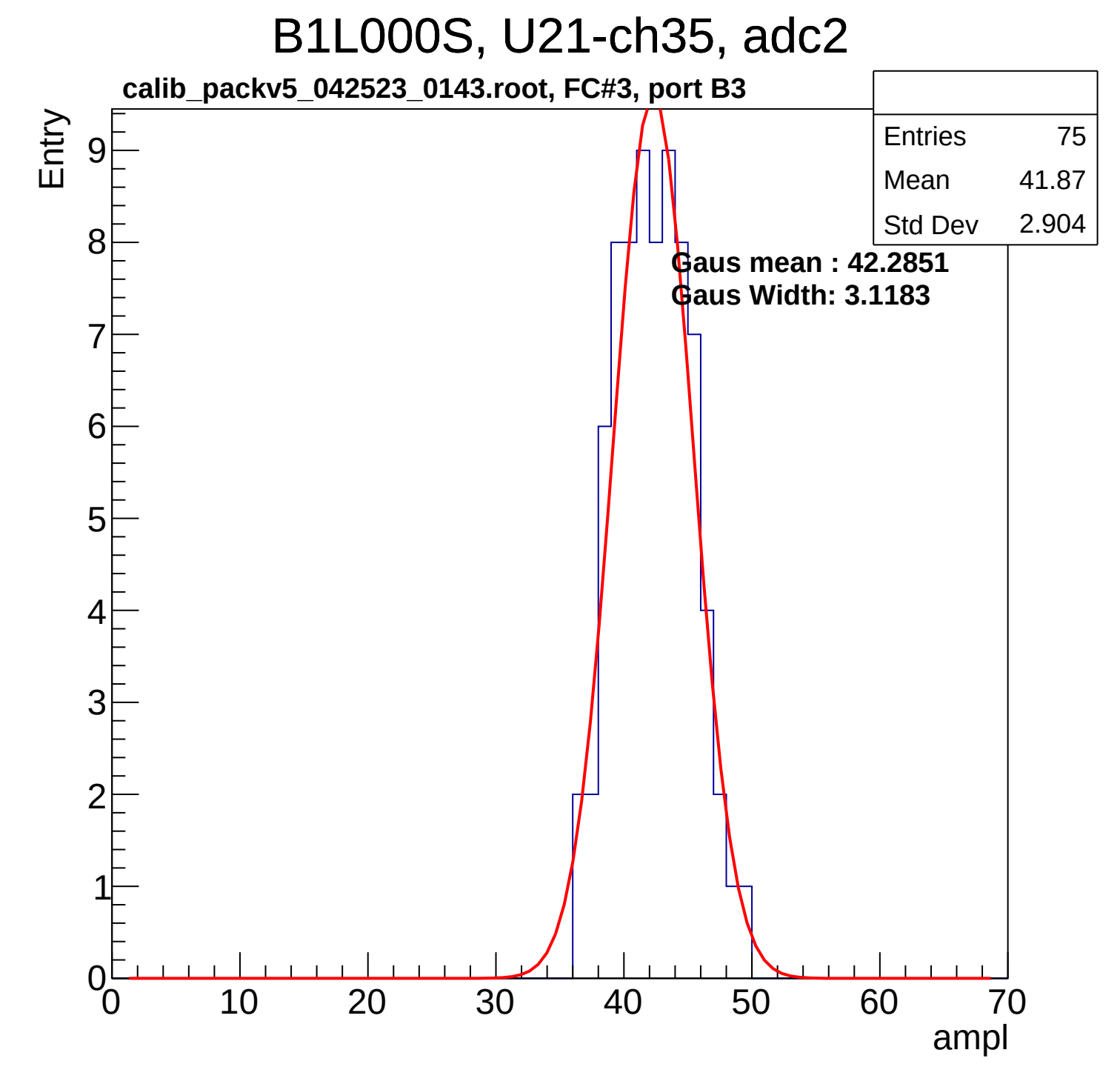

B1L000S, U21-ch34, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 58.62
Std Dev 8.542
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

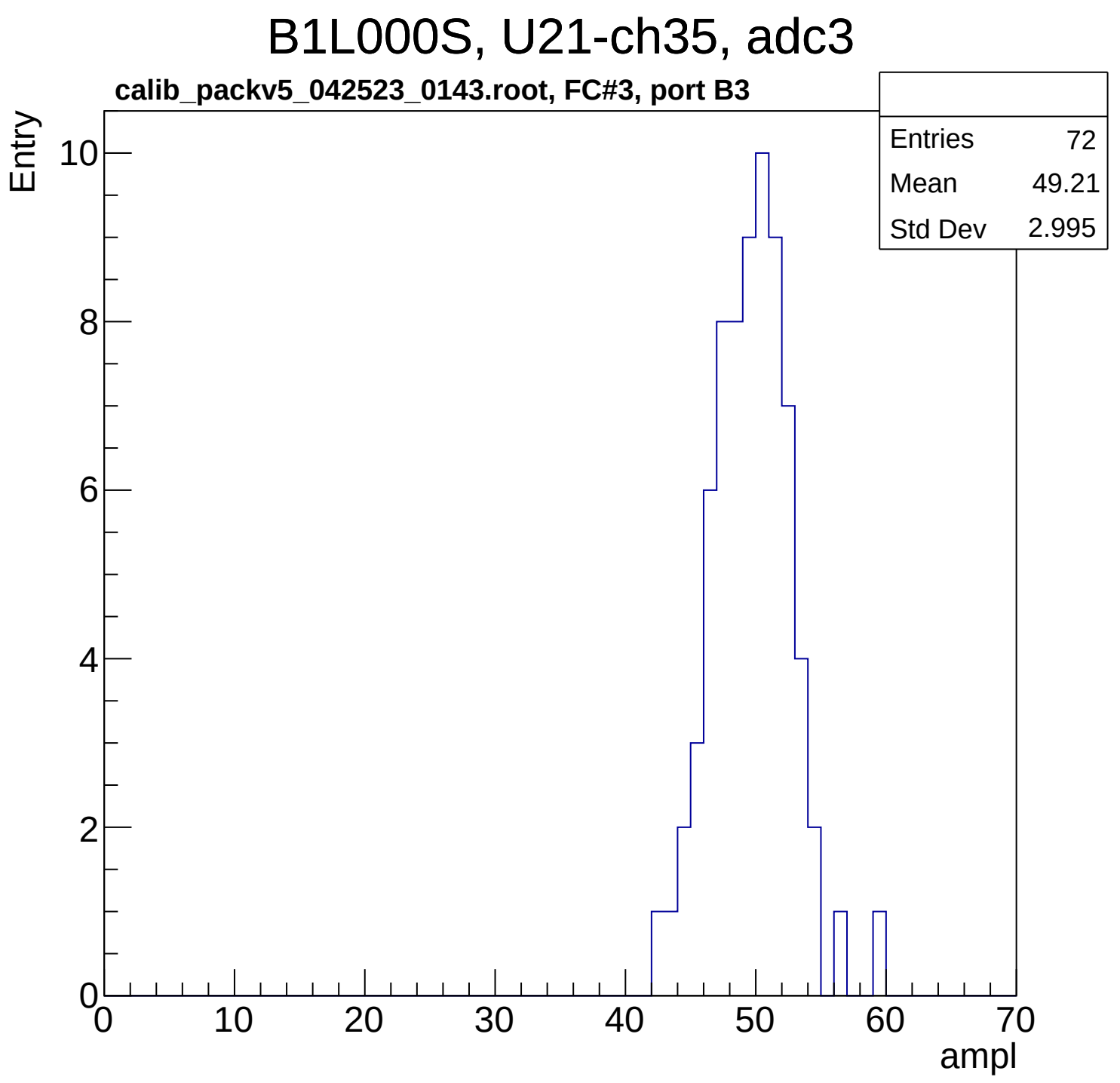

B1L000S, U21-ch34, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 7
Mean 61.71
Std Dev 1.278
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

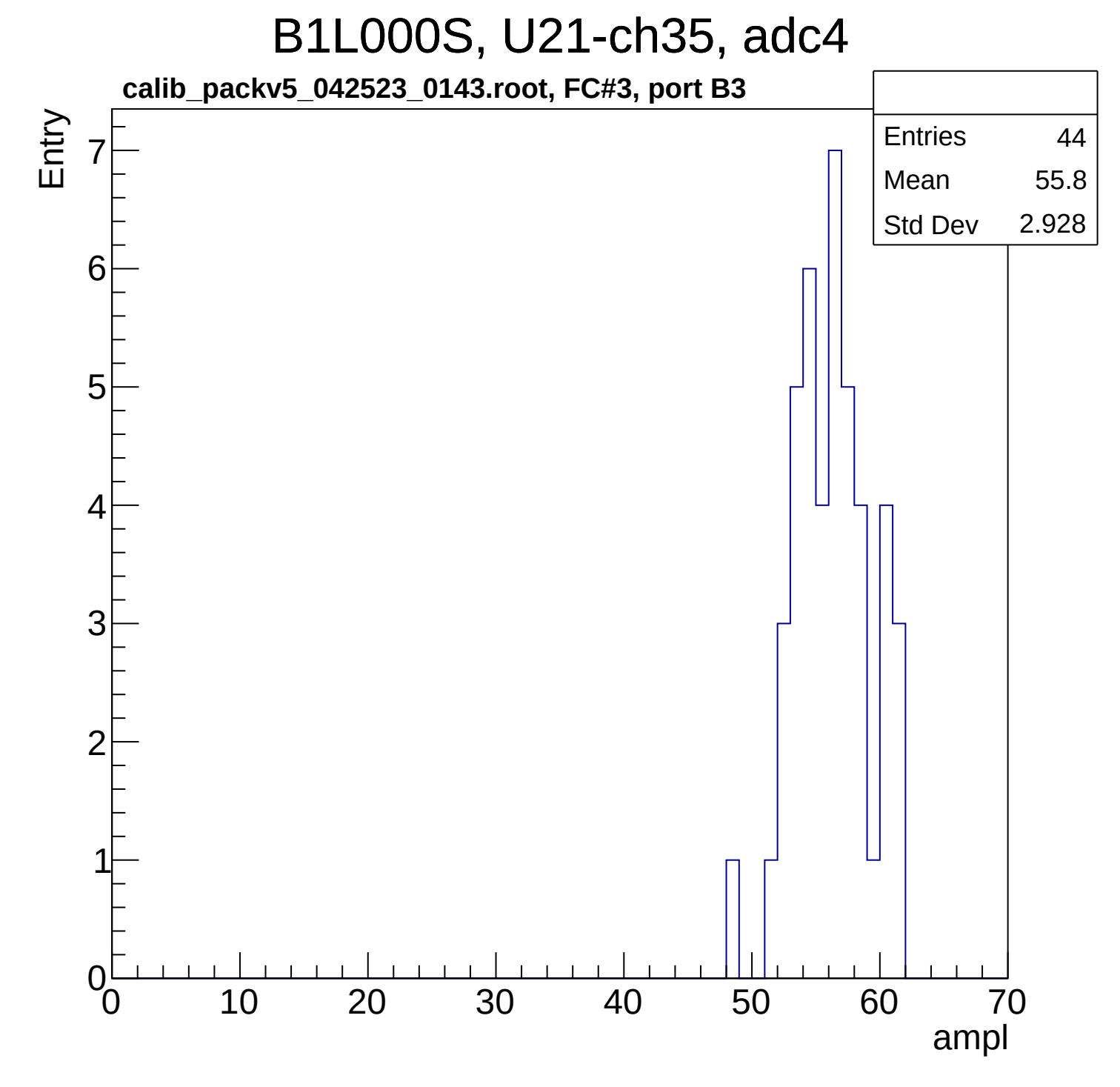

B1L000S, U21-ch34, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

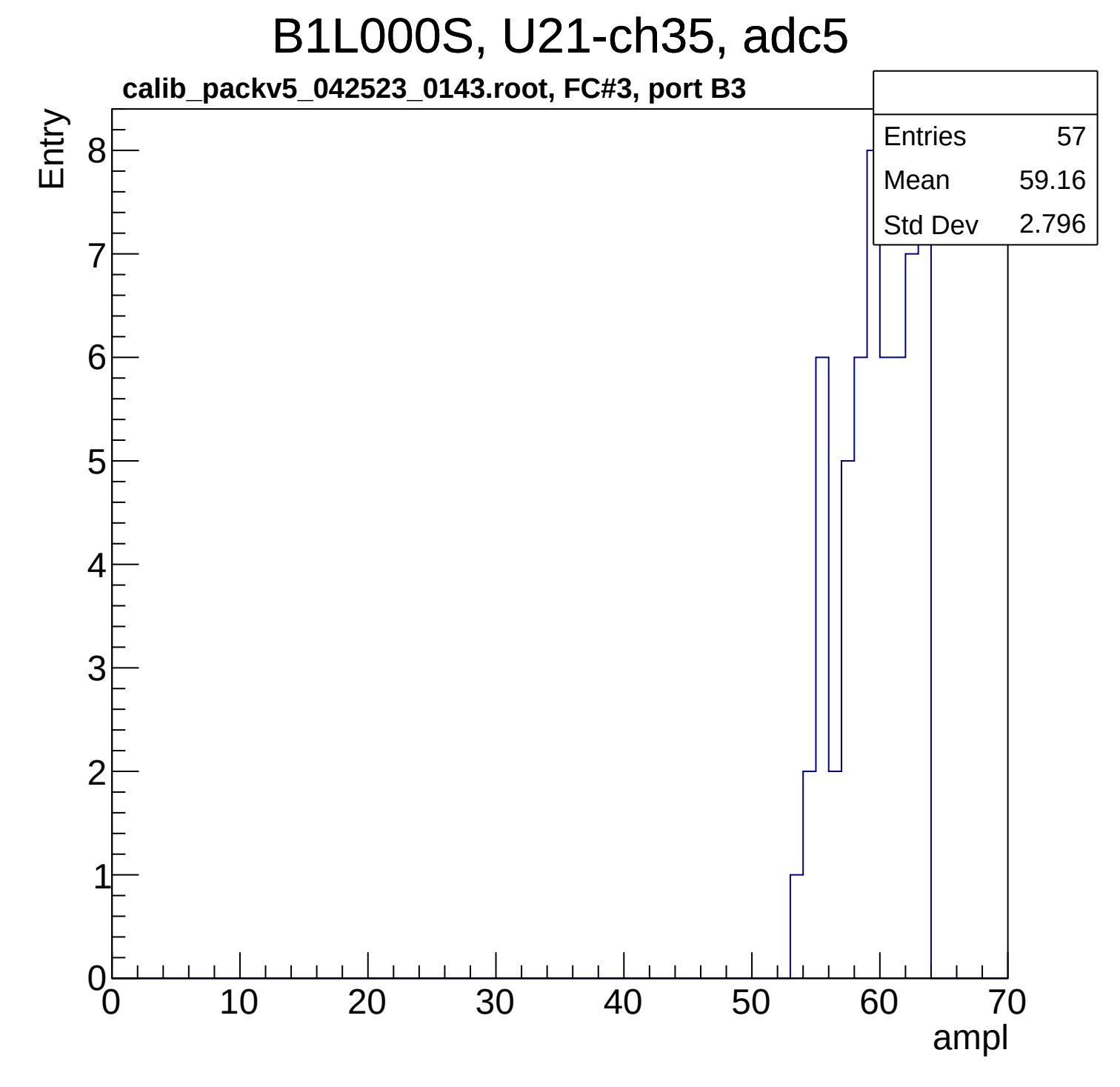

B1L000S, U21-ch35, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 30.38
Std Dev 3.23
Gaus mean : 30.3302
Gaus Width: 3.6099
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

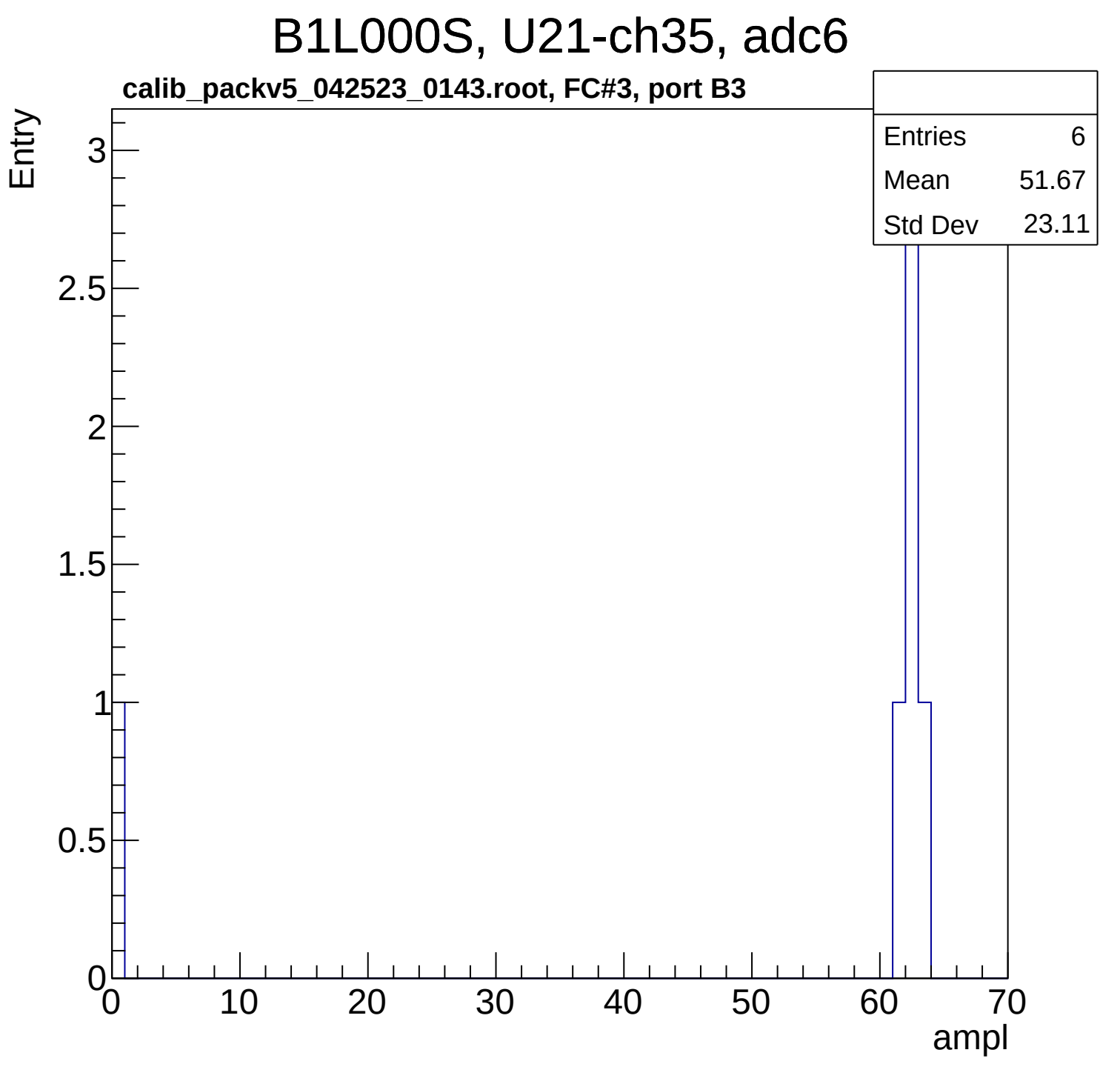

B1L000S, U21-ch35, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 35.51
Std Dev 2.84
Gaus mean : 36.1388
Gaus Width: 3.1132
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

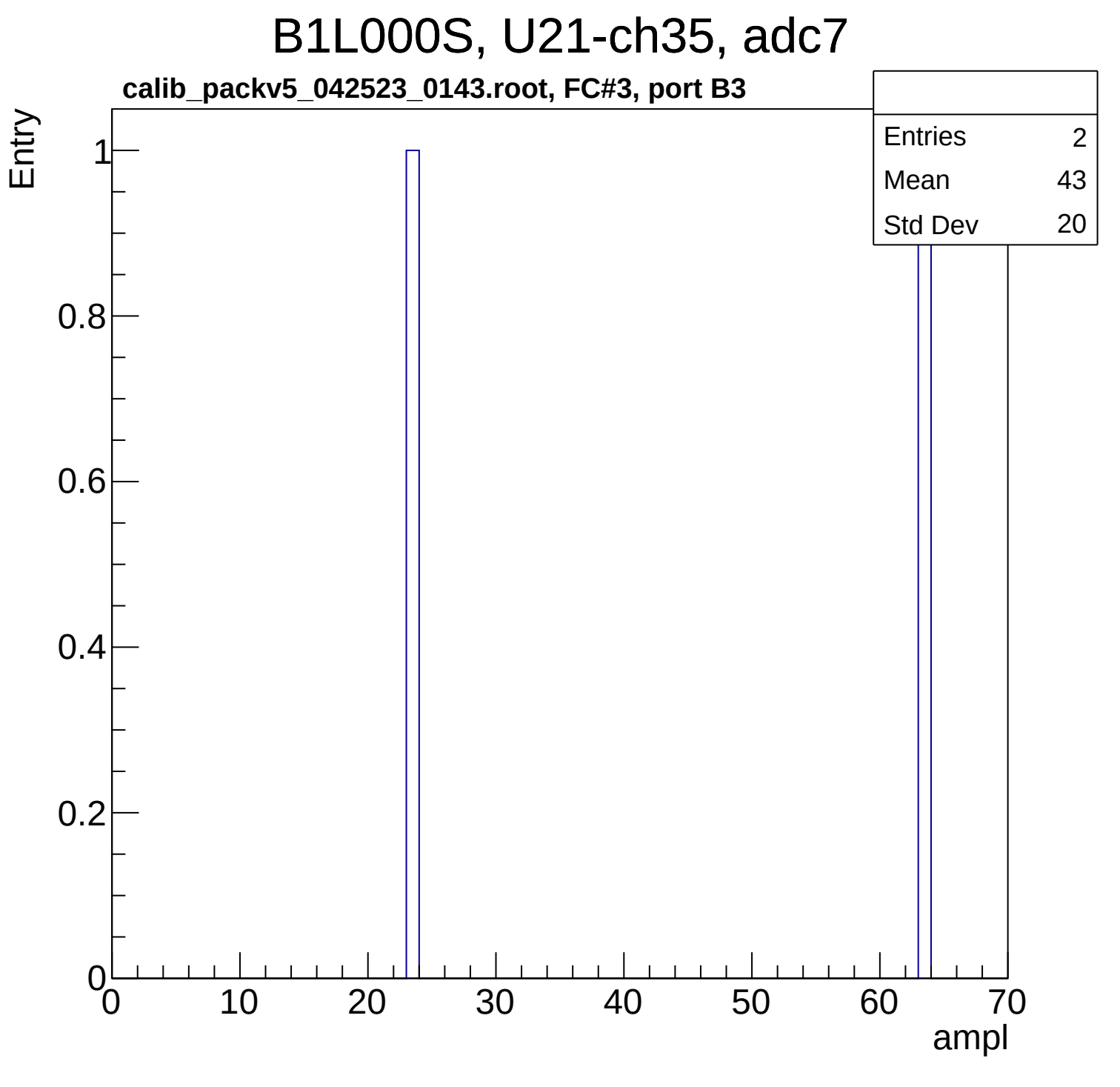

B1L000S, U21-ch35, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 41.87
Std Dev 2.904
Gaus mean : 42.2851
Gaus Width: 3.1183
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

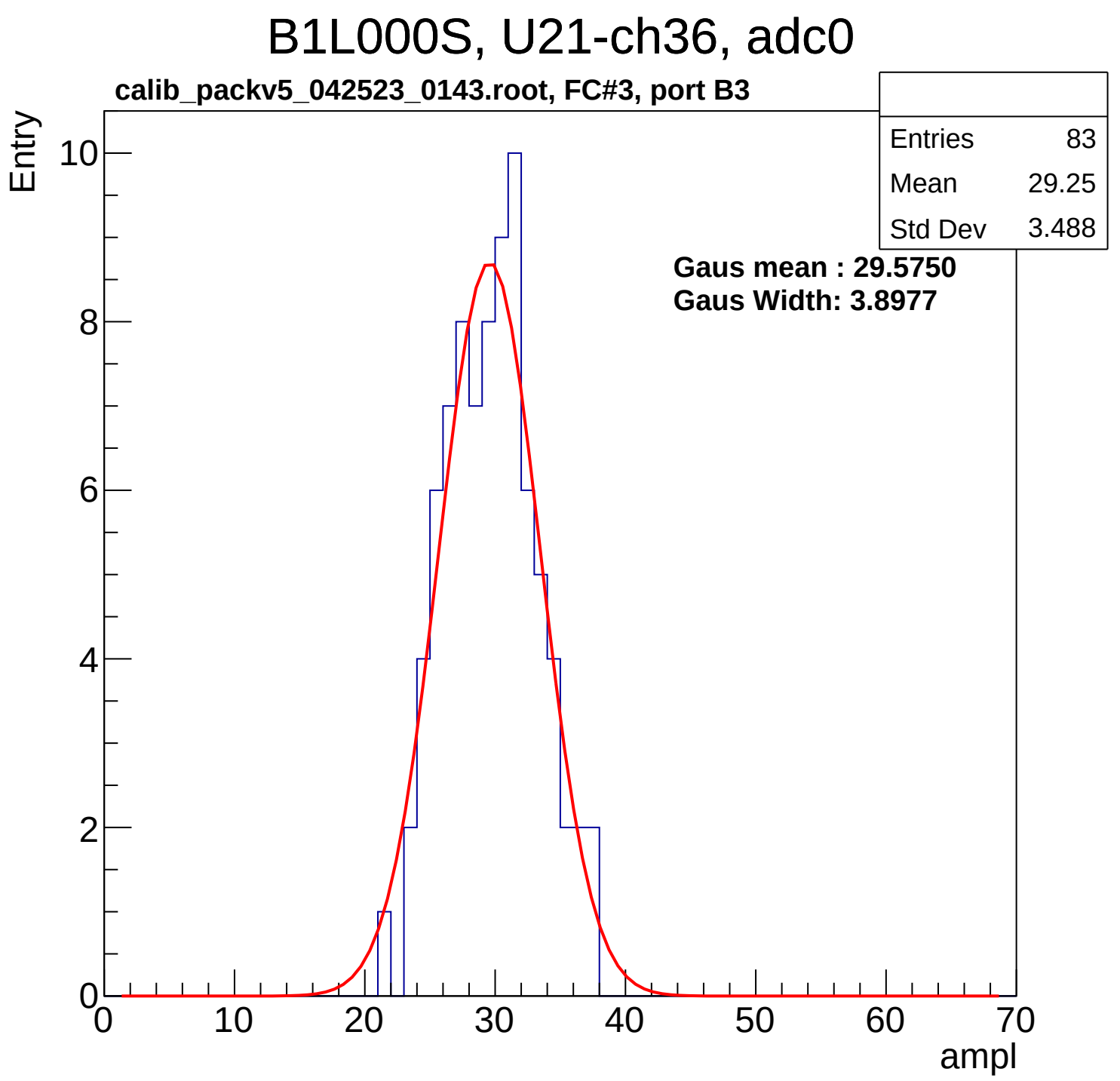

B1L000S, U21-ch35, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 49.21
Std Dev 2.995
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

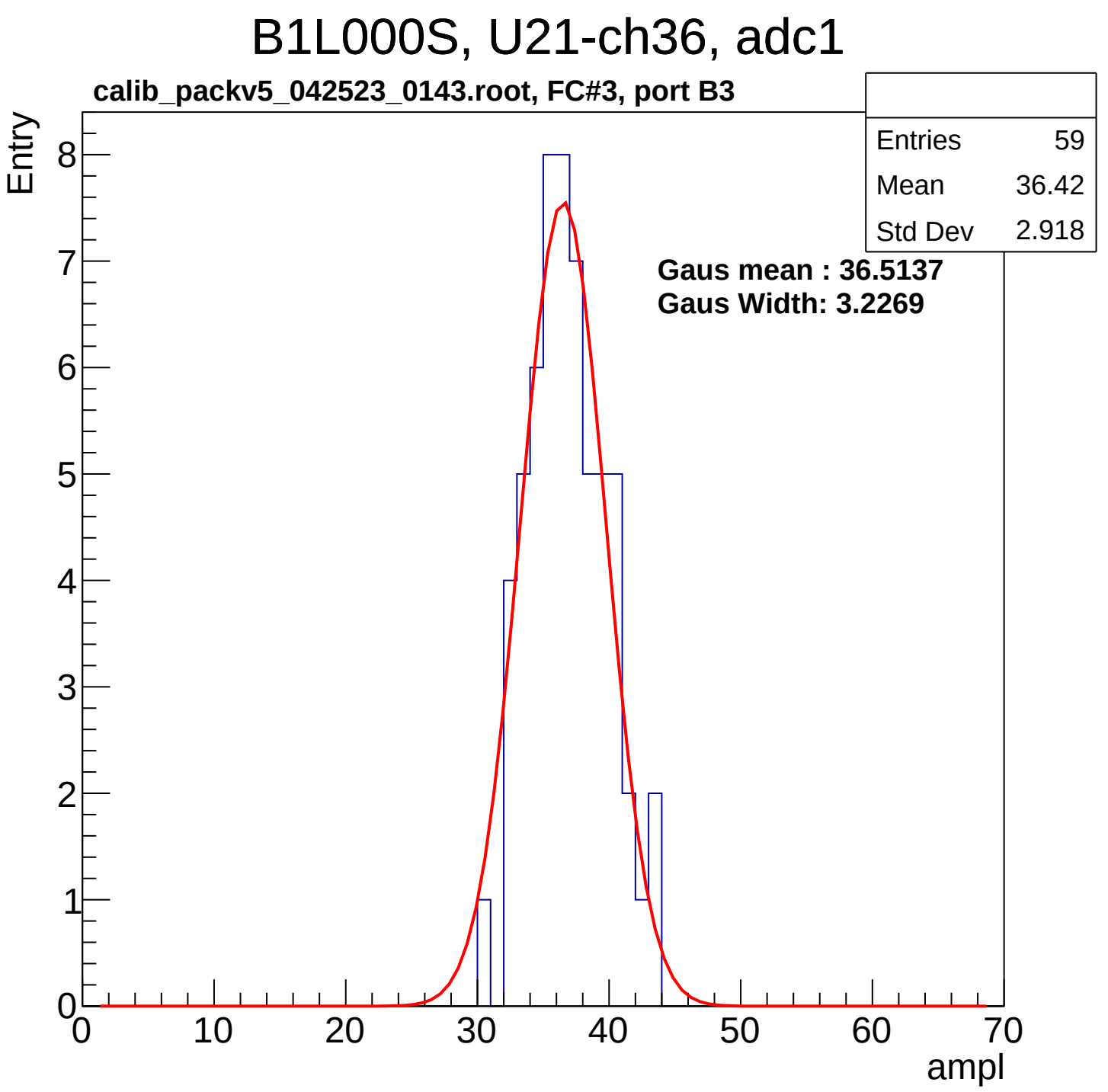

B1L000S, U21-ch35, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 55.8
Std Dev 2.928
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

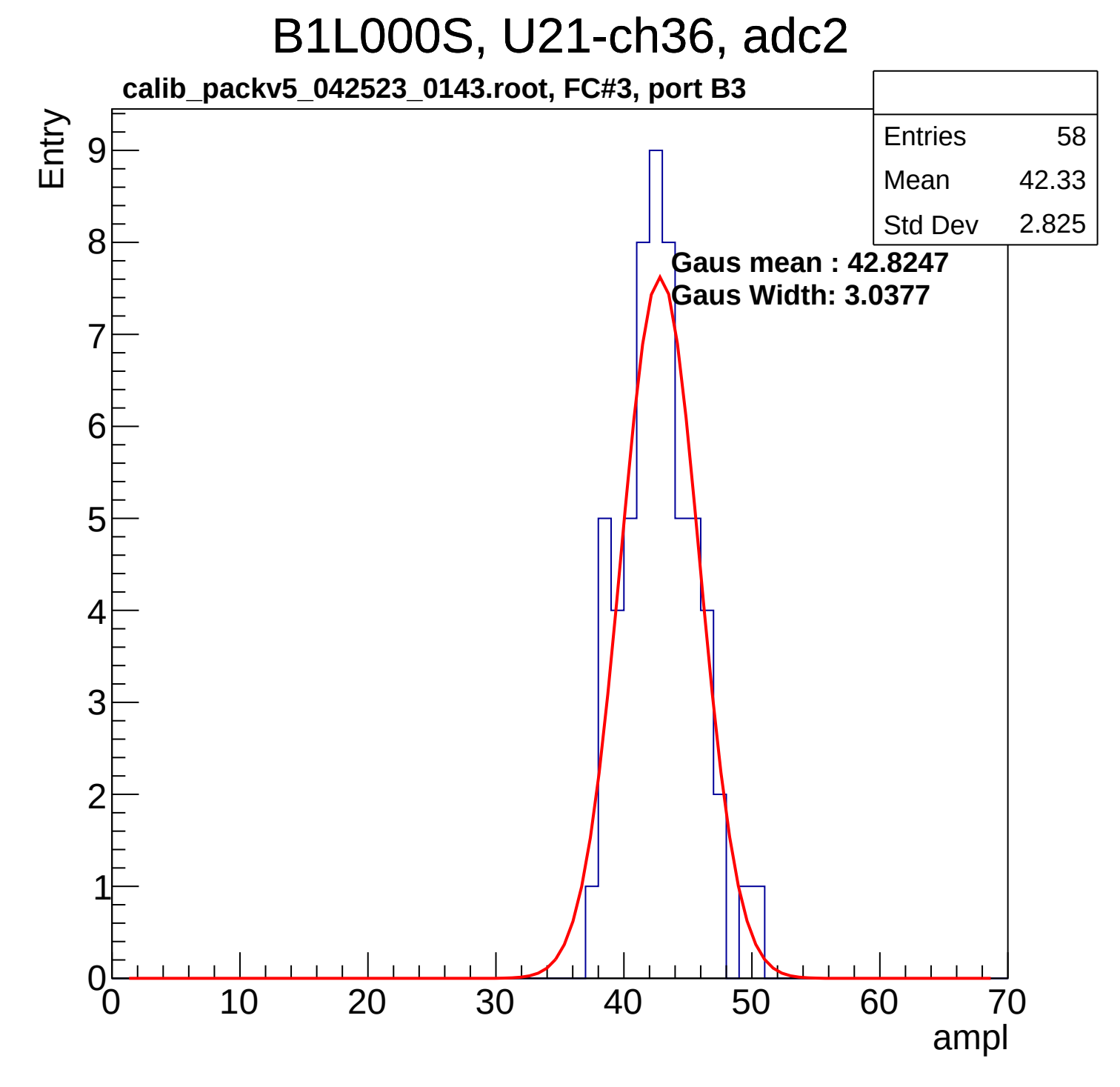

B1L000S, U21-ch35, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 59.16
Std Dev 2.796
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

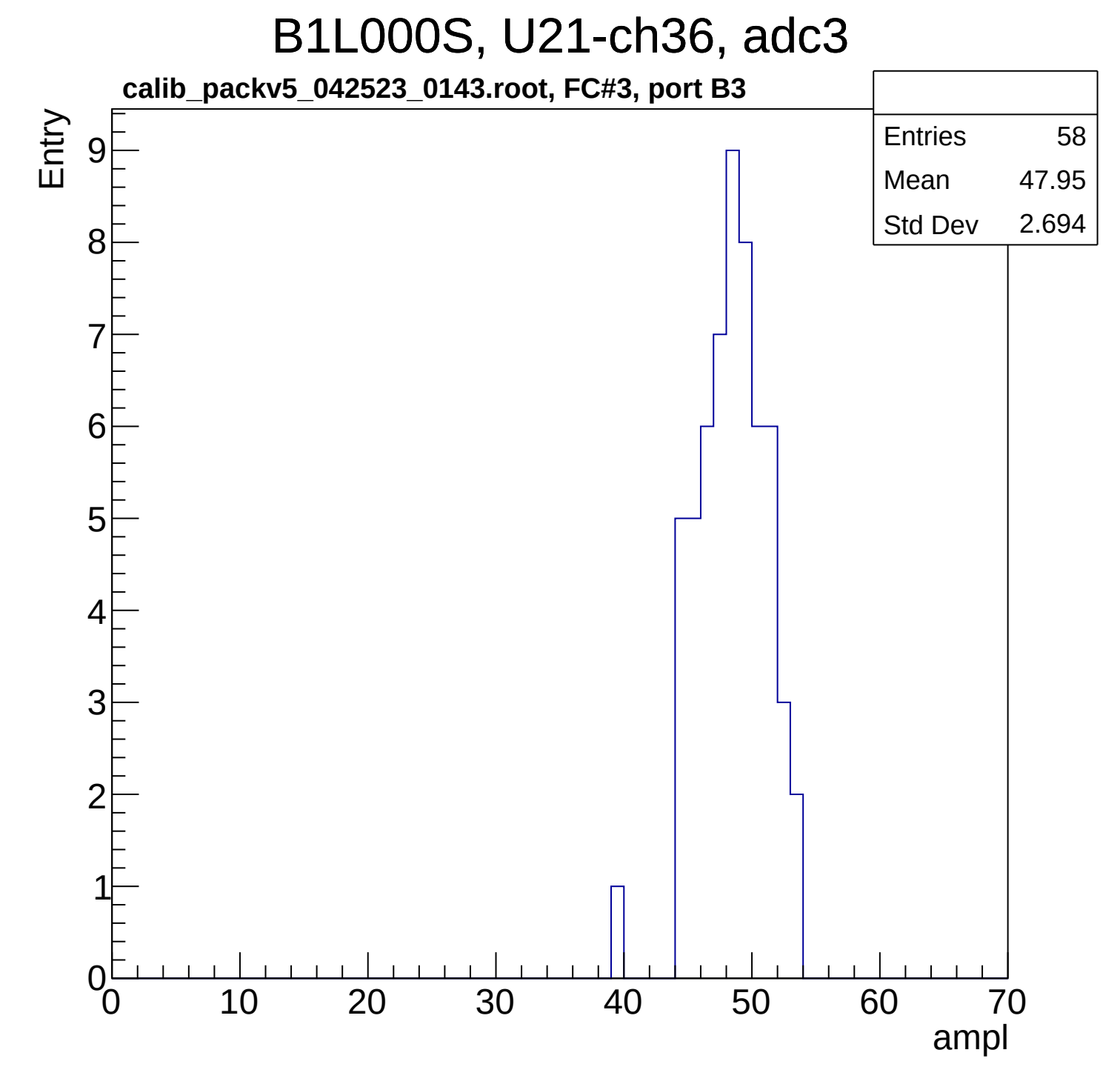

B1L000S, U21-ch35, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 51.67
Std Dev 23.11
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

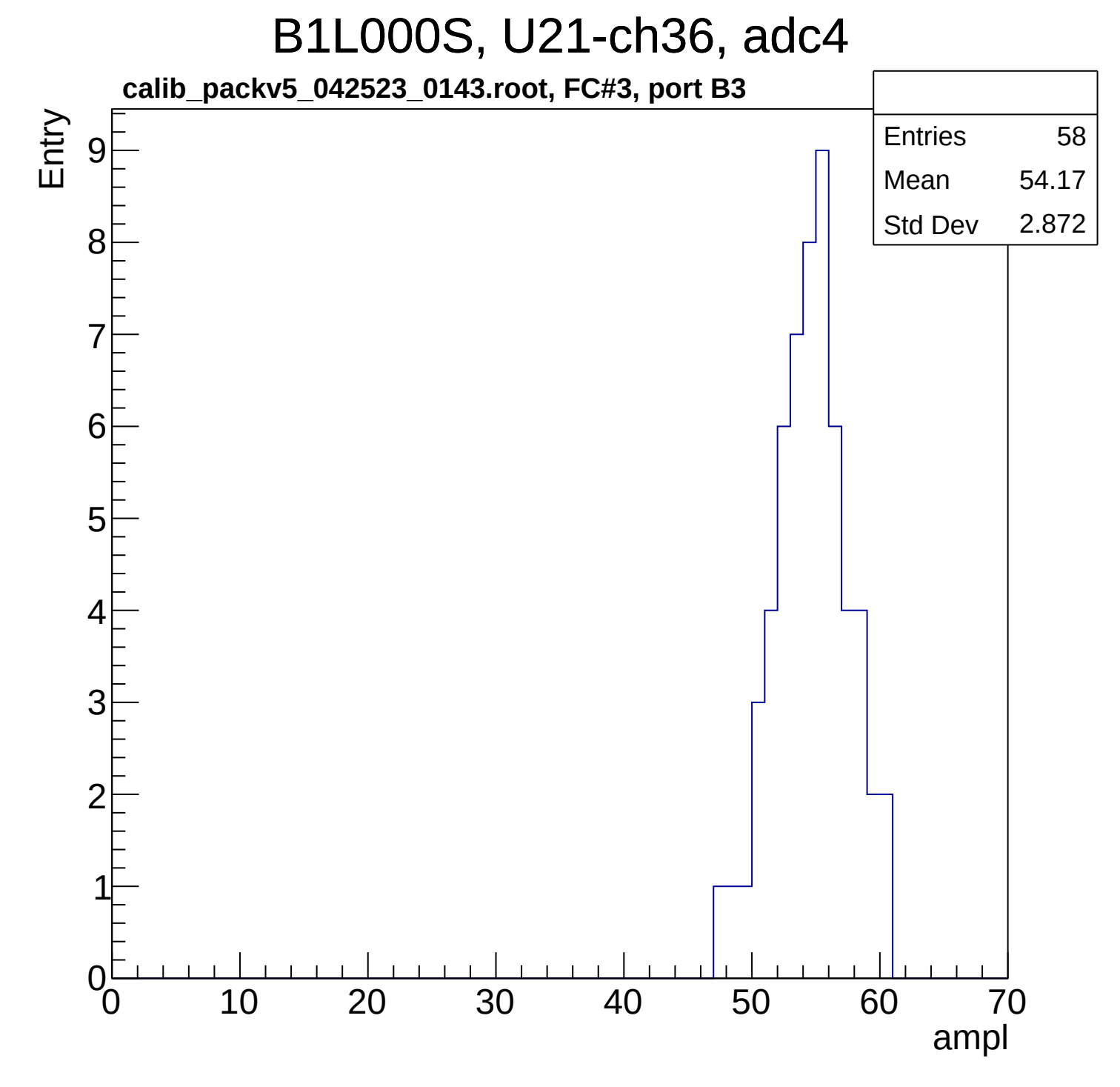

B1L000S, U21-ch35, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 43
Std Dev 20
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

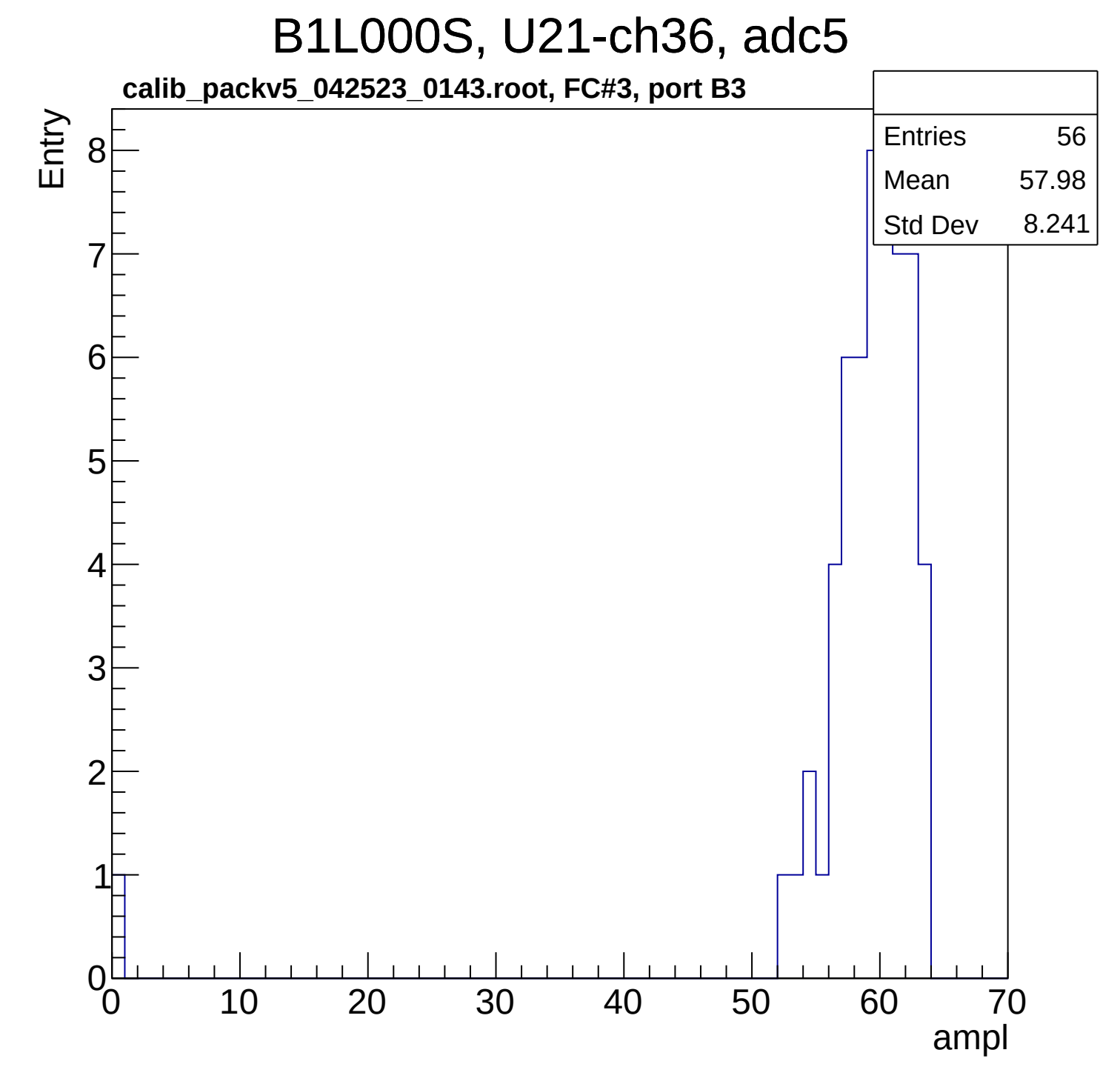

B1L000S, U21-ch36, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 83
Mean 29.25
Std Dev 3.488
Gaus mean : 29.5750
Gaus Width: 3.8977
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

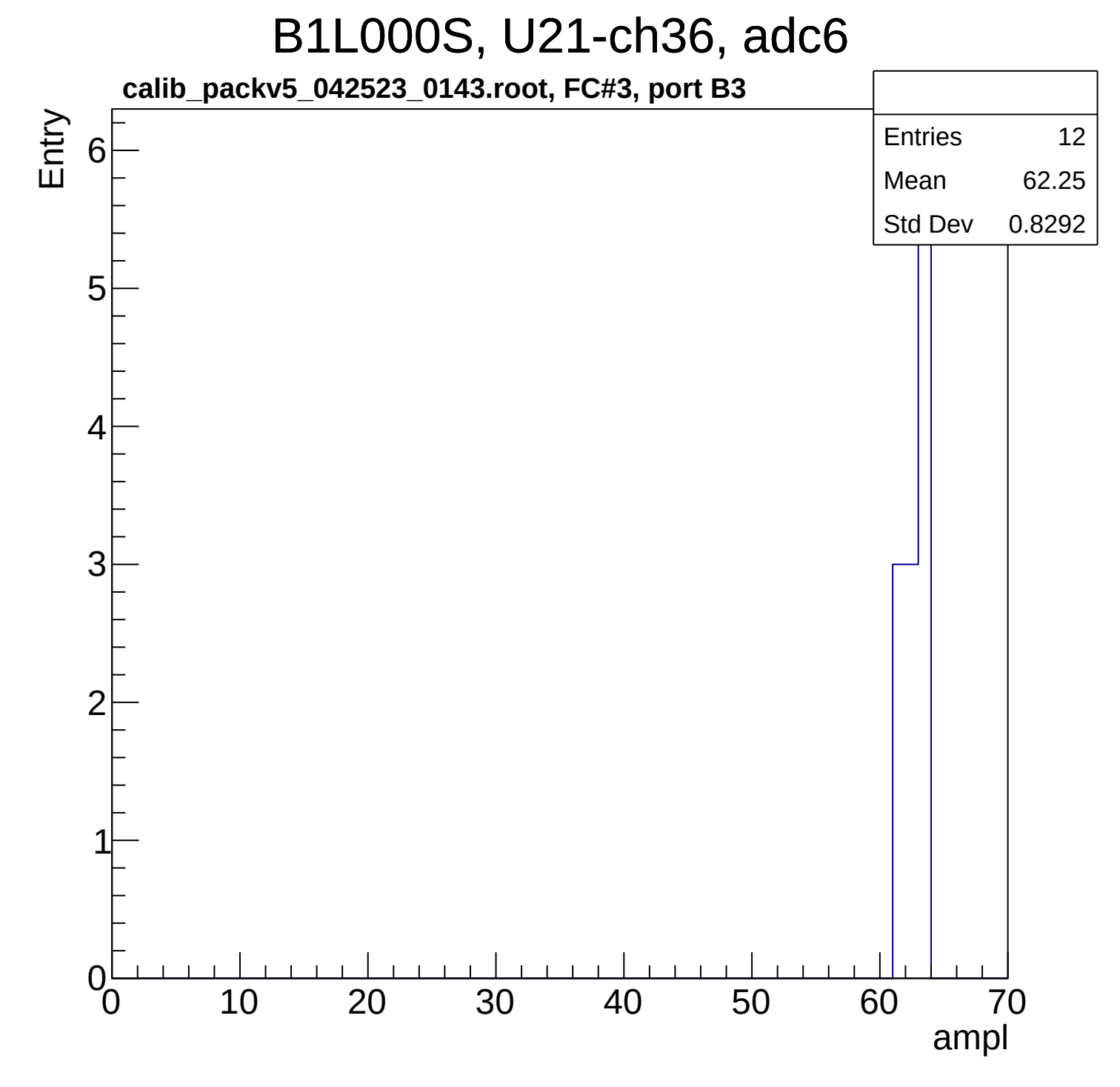

B1L000S, U21-ch36, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 36.42
Std Dev 2.918
Gaus mean : 36.5137
Gaus Width: 3.2269
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

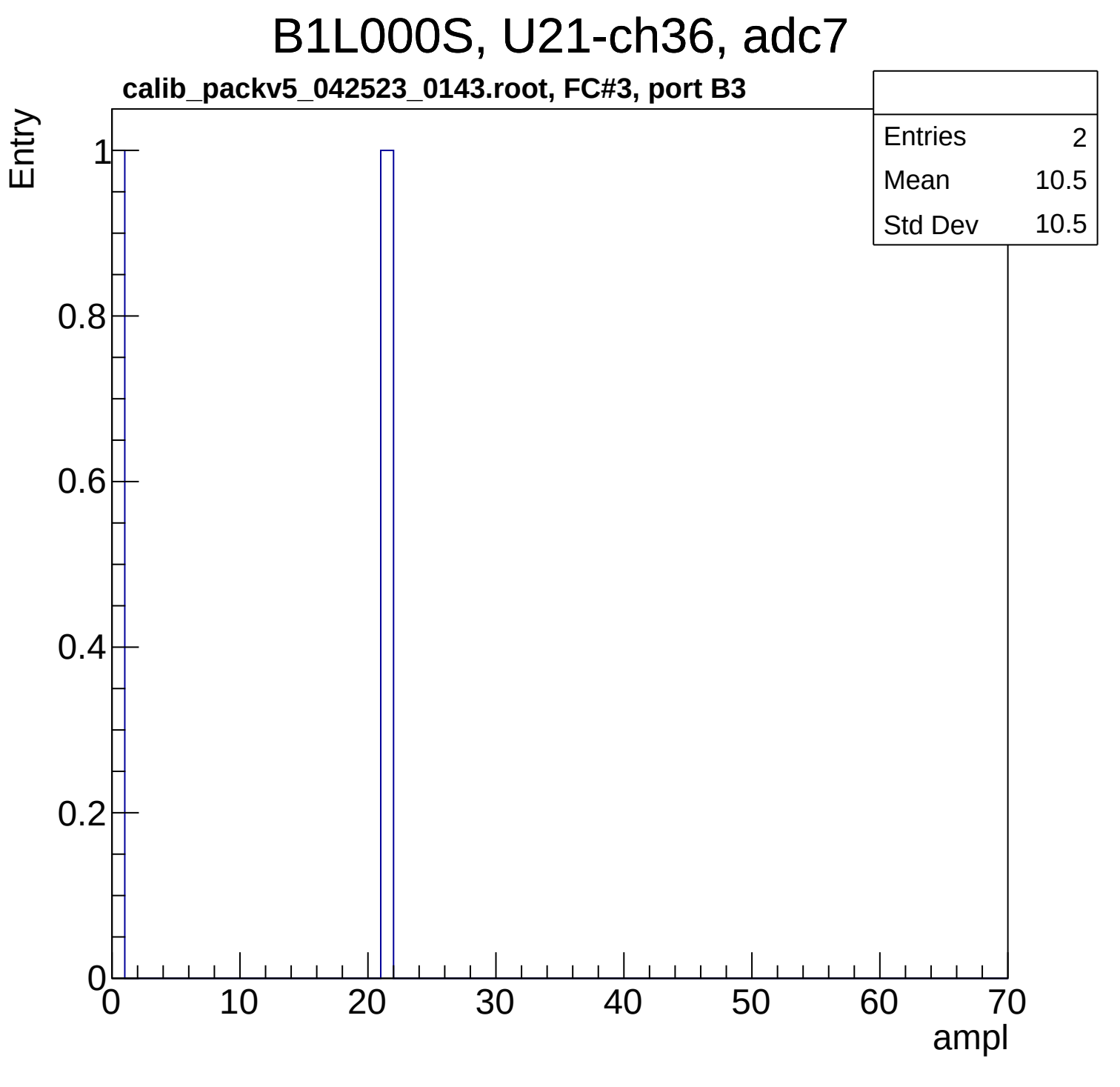

B1L000S, U21-ch36, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 42.33
Std Dev 2.825
Gaus mean : 42.8247
Gaus Width: 3.0377
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

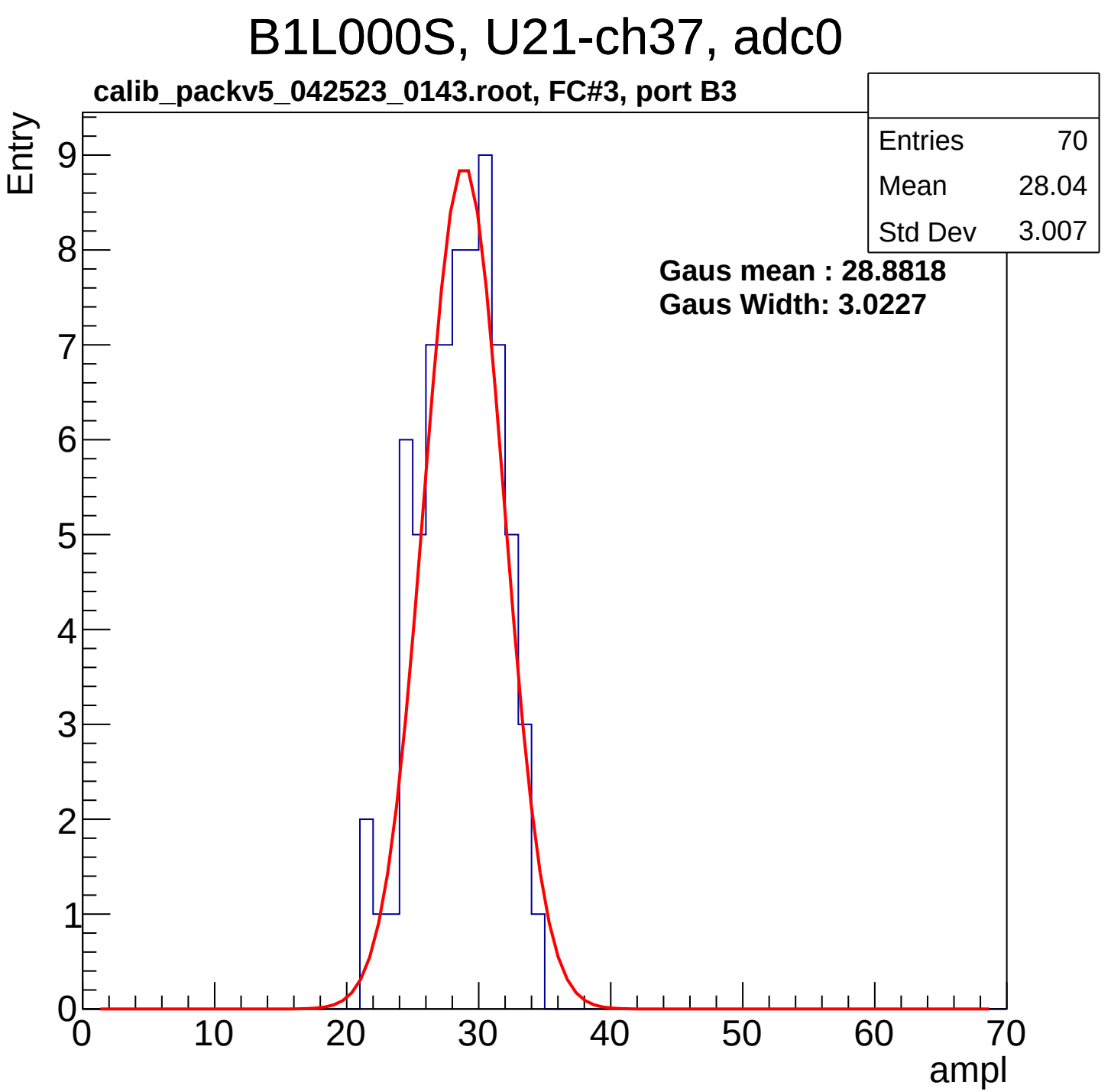

B1L000S, U21-ch36, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 47.95
Std Dev 2.694
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

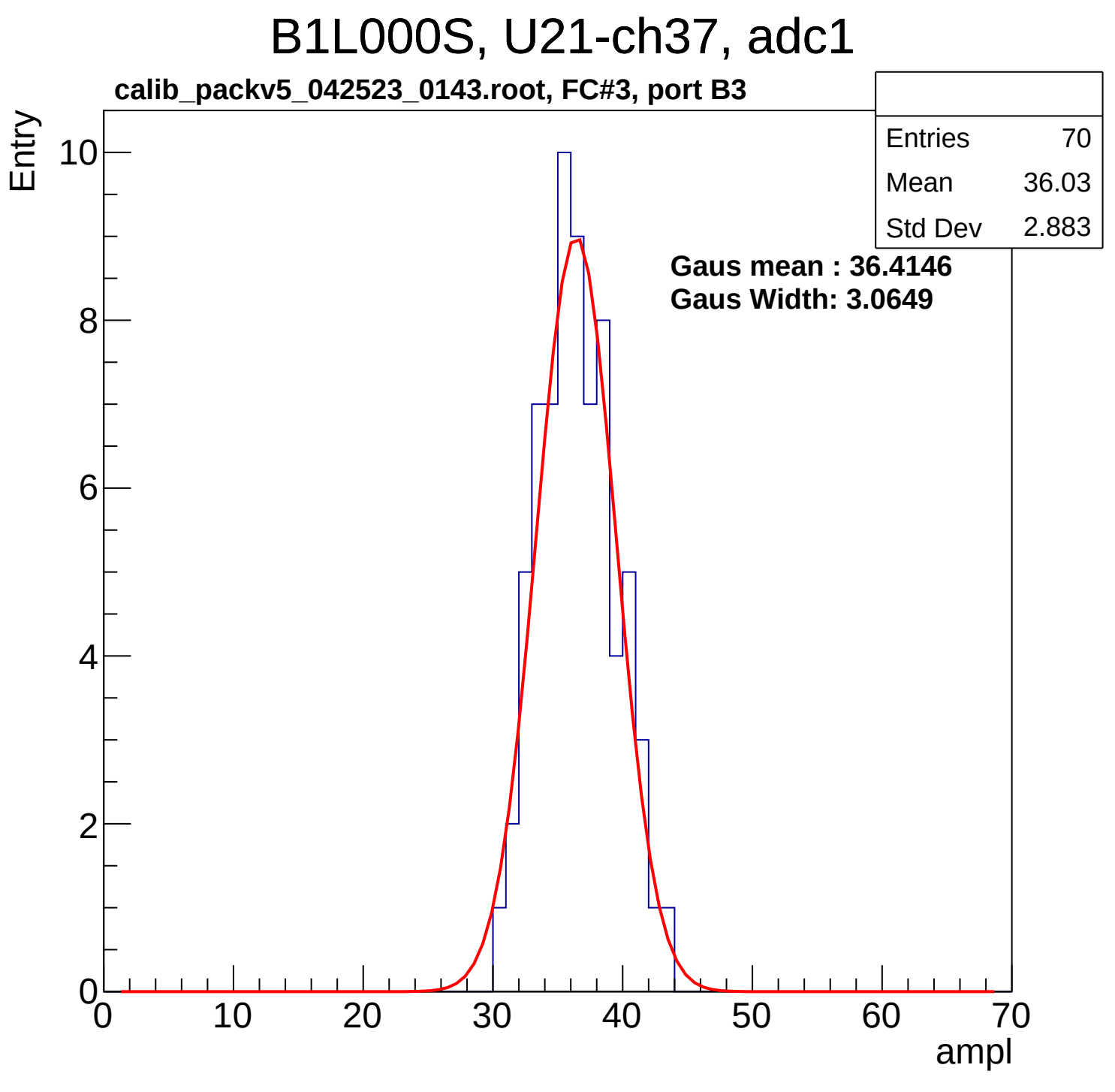

B1L000S, U21-ch36, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 54.17
Std Dev 2.872
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

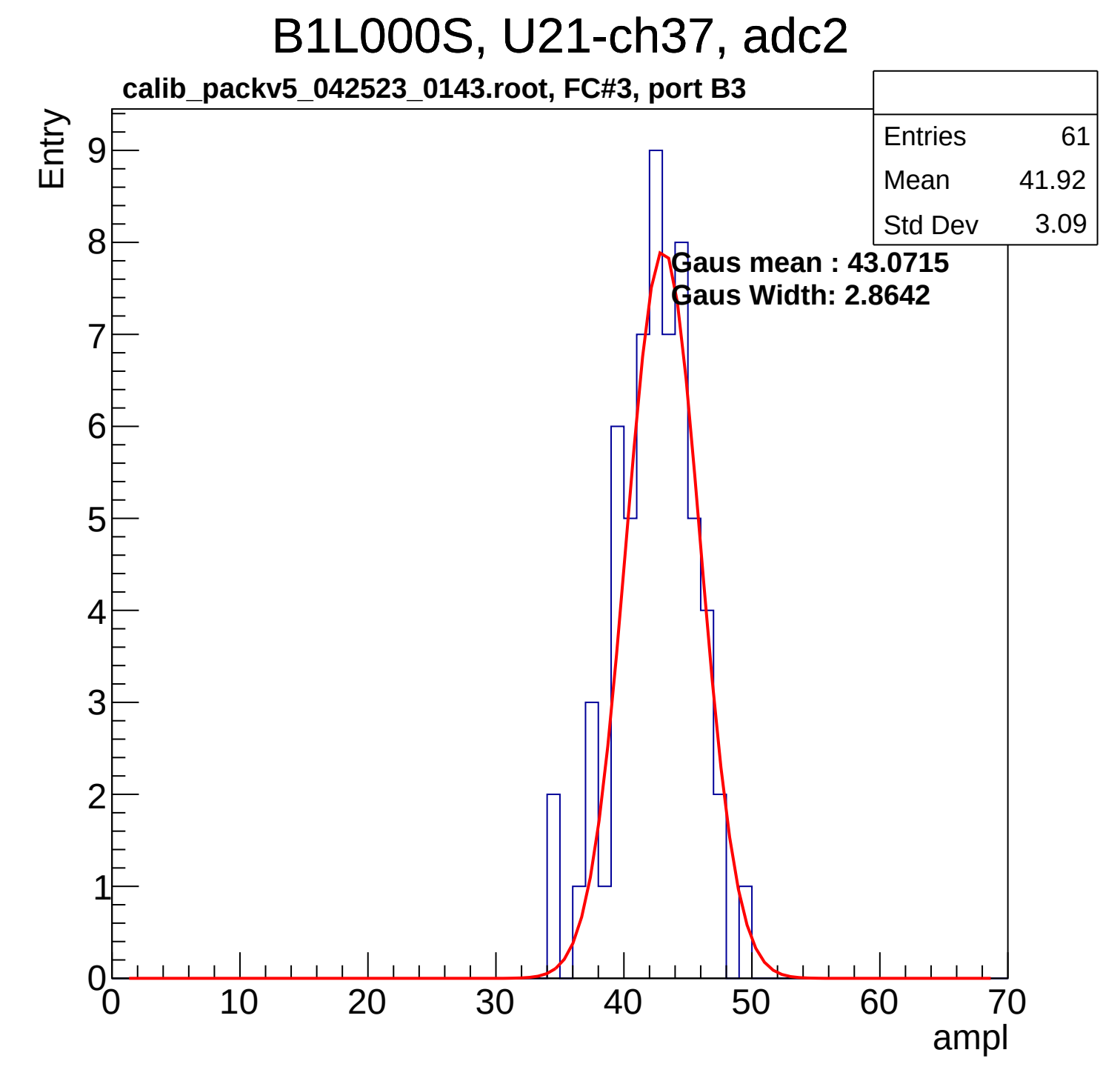

B1L000S, U21-ch36, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 57.98
Std Dev 8.241
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

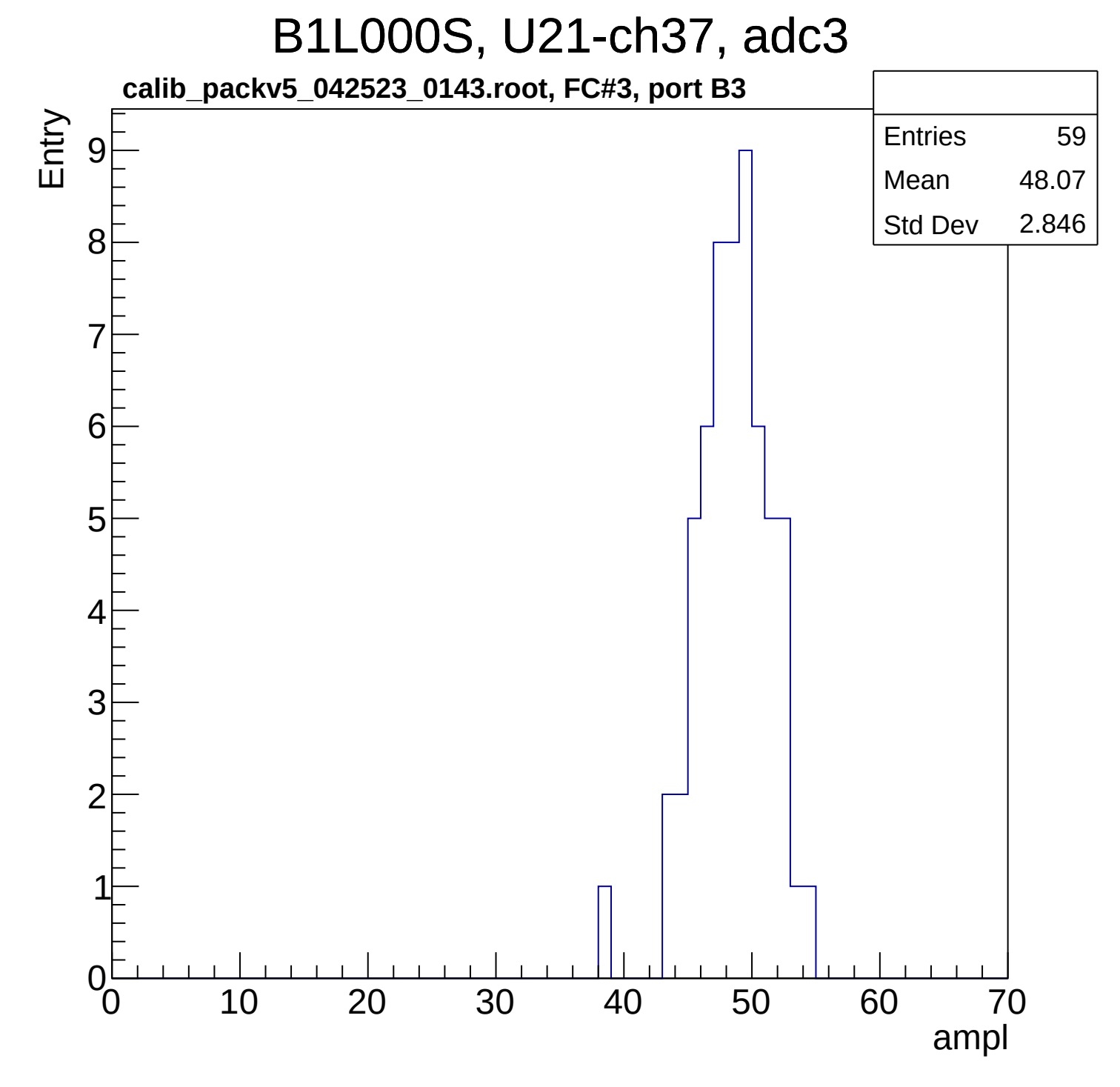

B1L000S, U21-ch36, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 62.25
Std Dev 0.8292
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

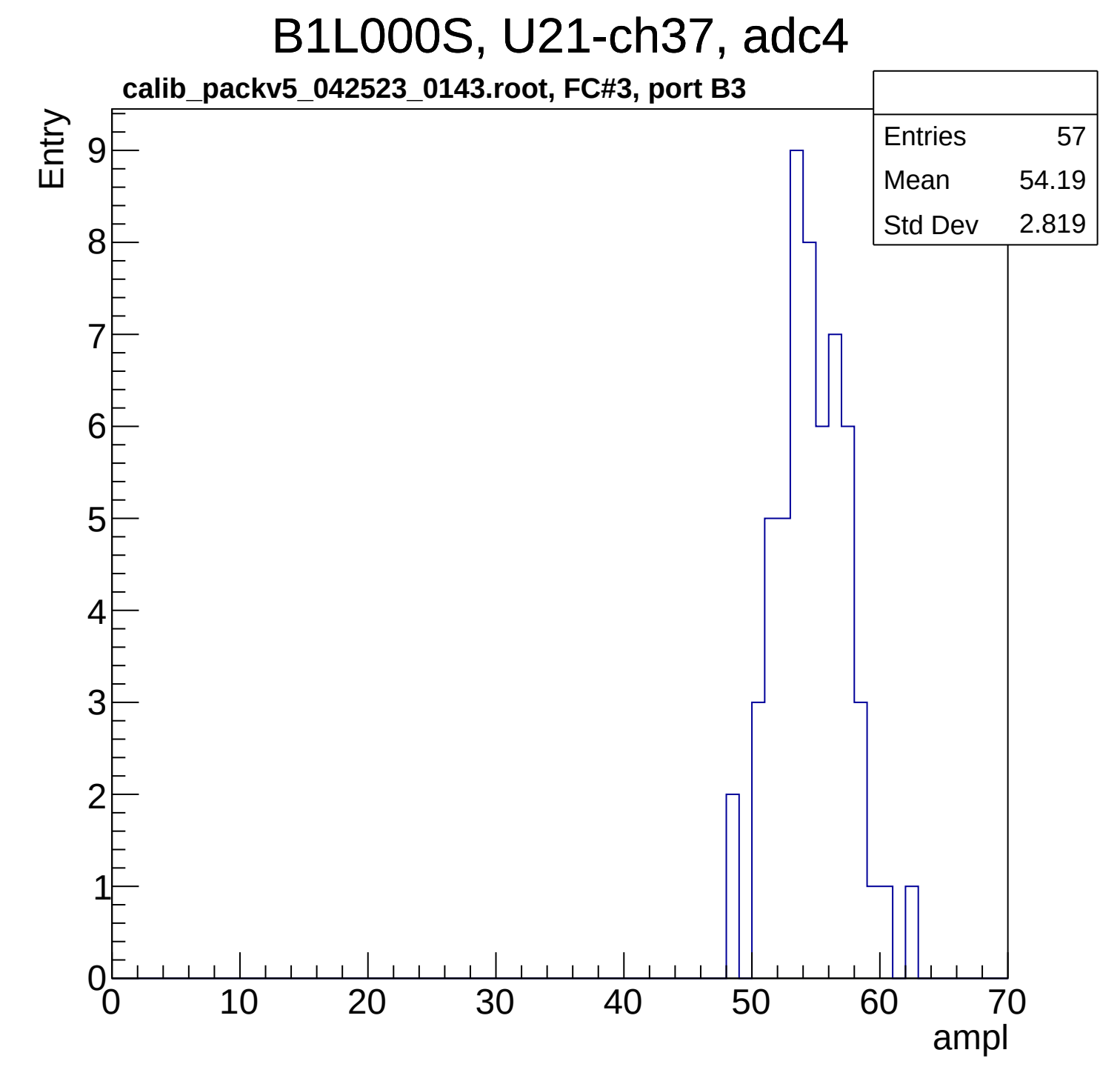

B1L000S, U21-ch36, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 10.5
Std Dev 10.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

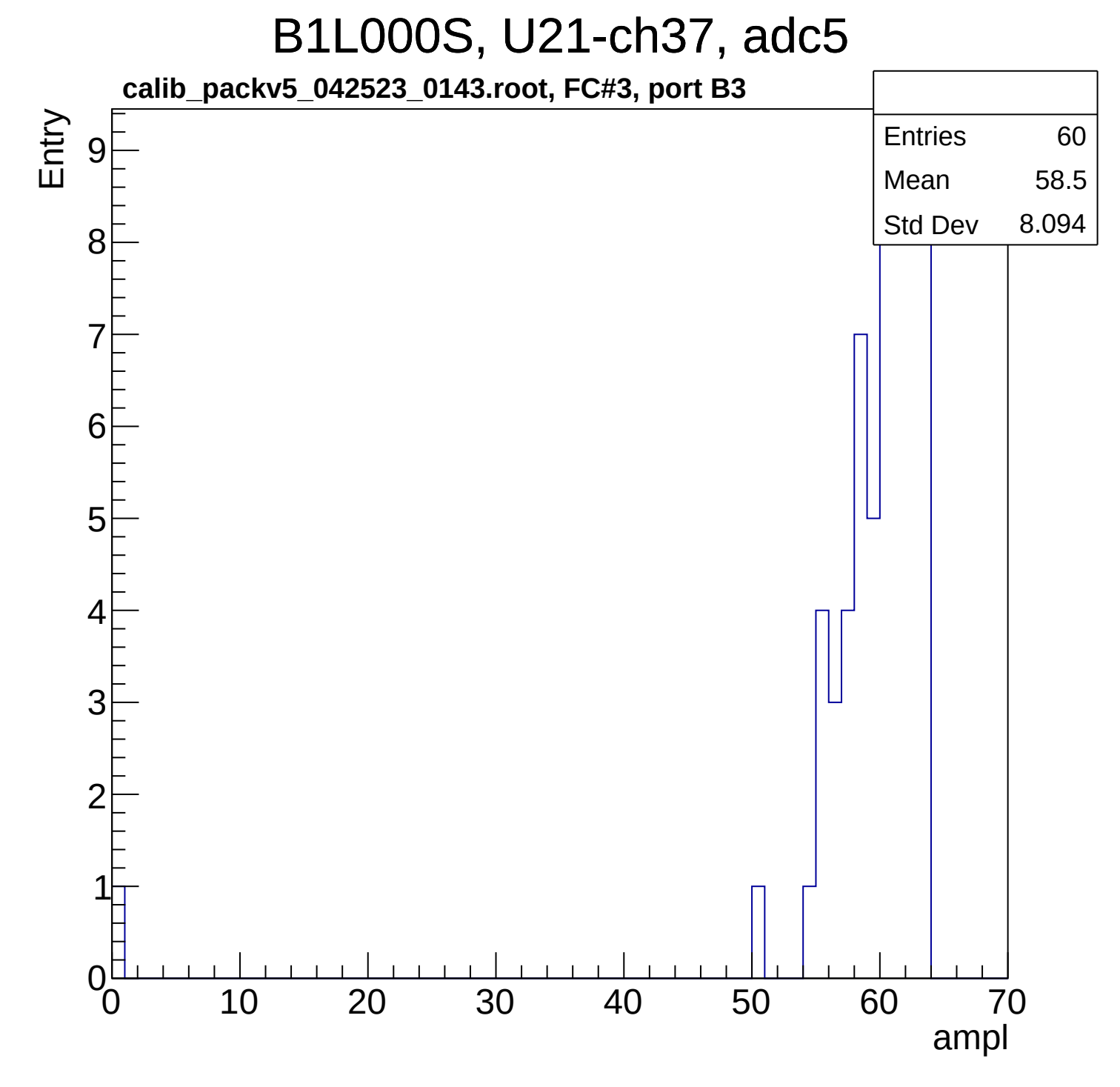

B1L000S, U21-ch37, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 28.04
Std Dev 3.007
Gaus mean : 28.8818
Gaus Width: 3.0227
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

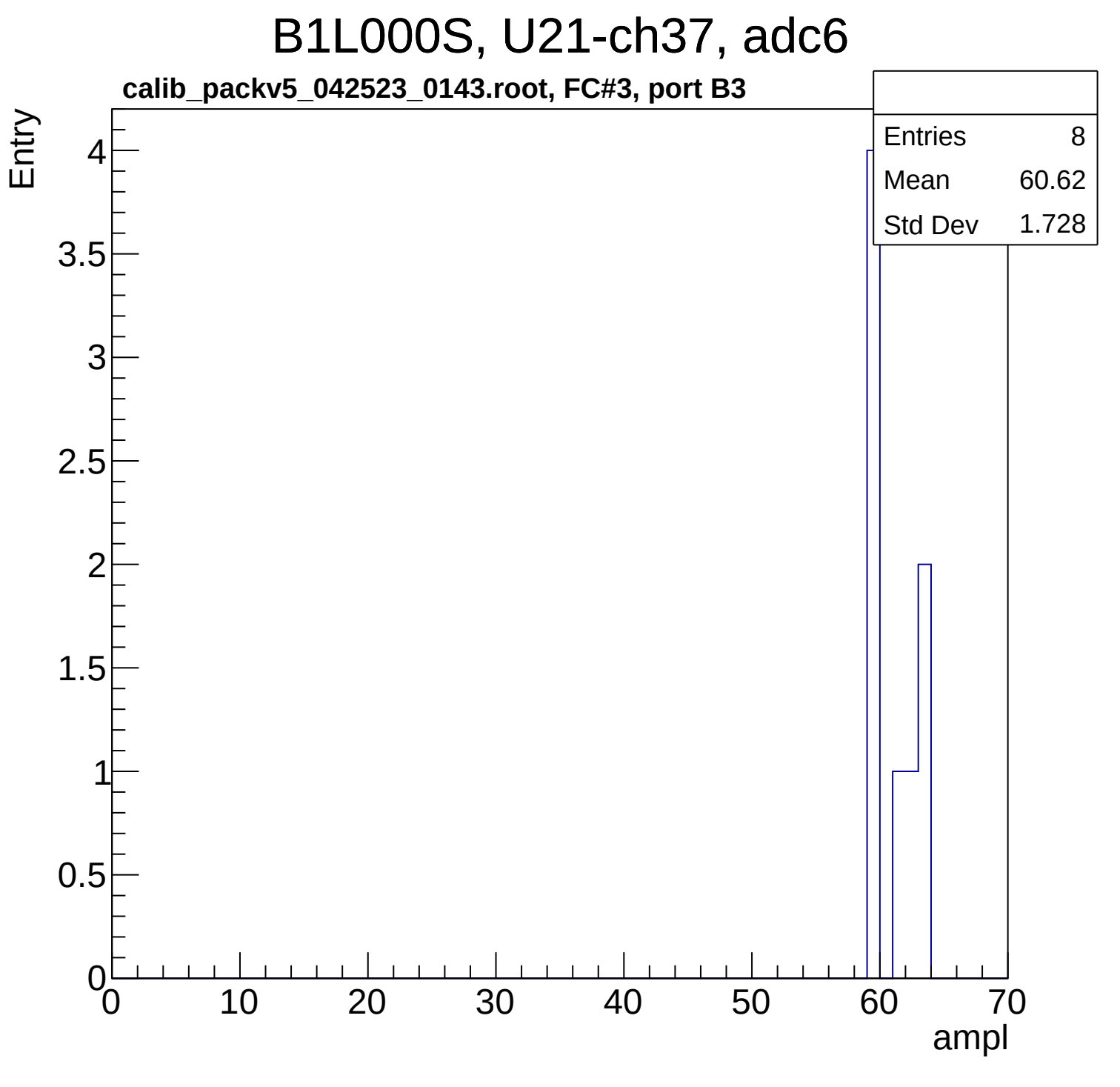

B1L000S, U21-ch37, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 36.03
Std Dev 2.883
Gaus mean : 36.4146
Gaus Width: 3.0649
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

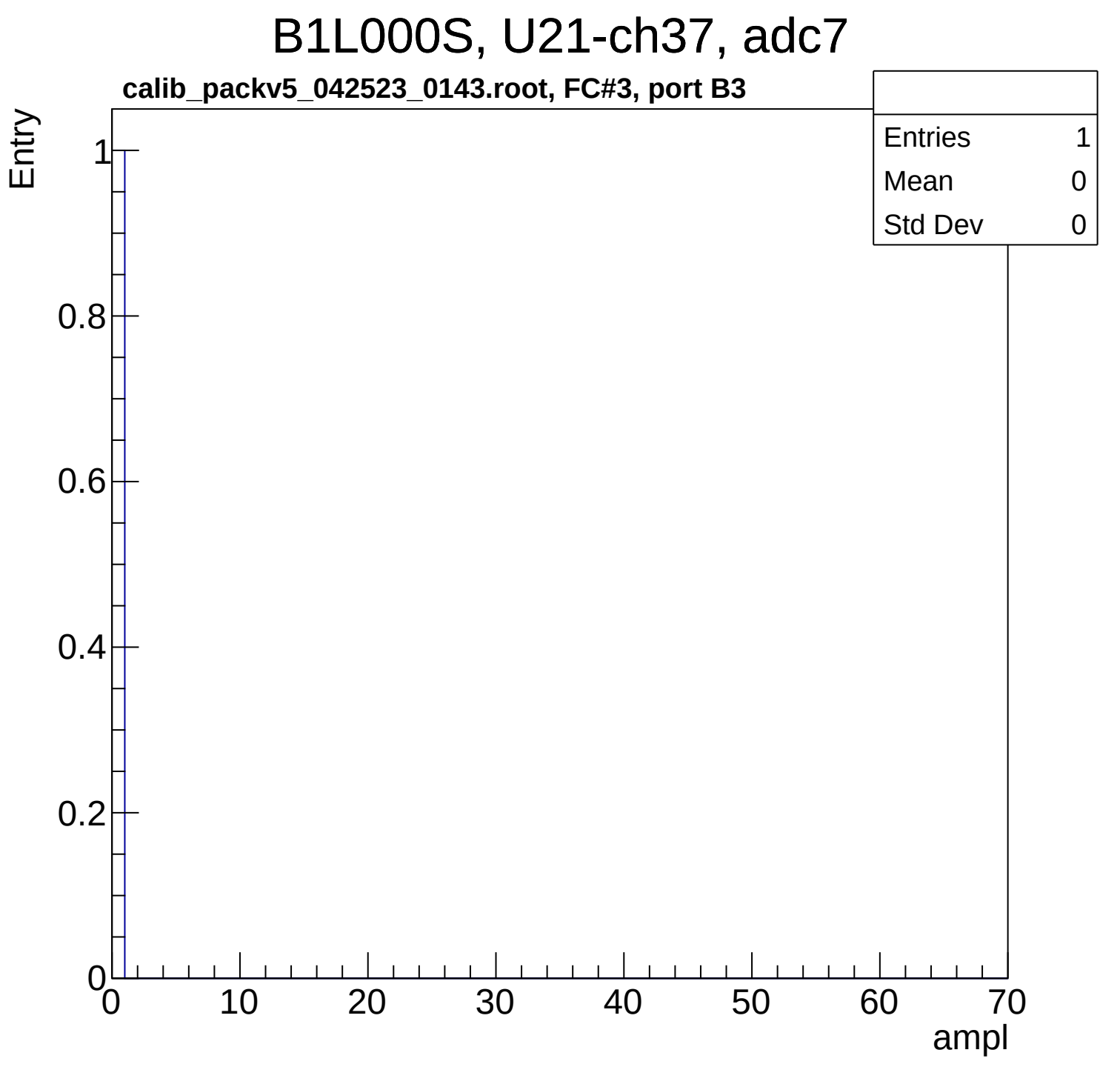

B1L000S, U21-ch37, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 41.92
Std Dev 3.09
Gaus mean : 43.0715
Gaus Width: 2.8642
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

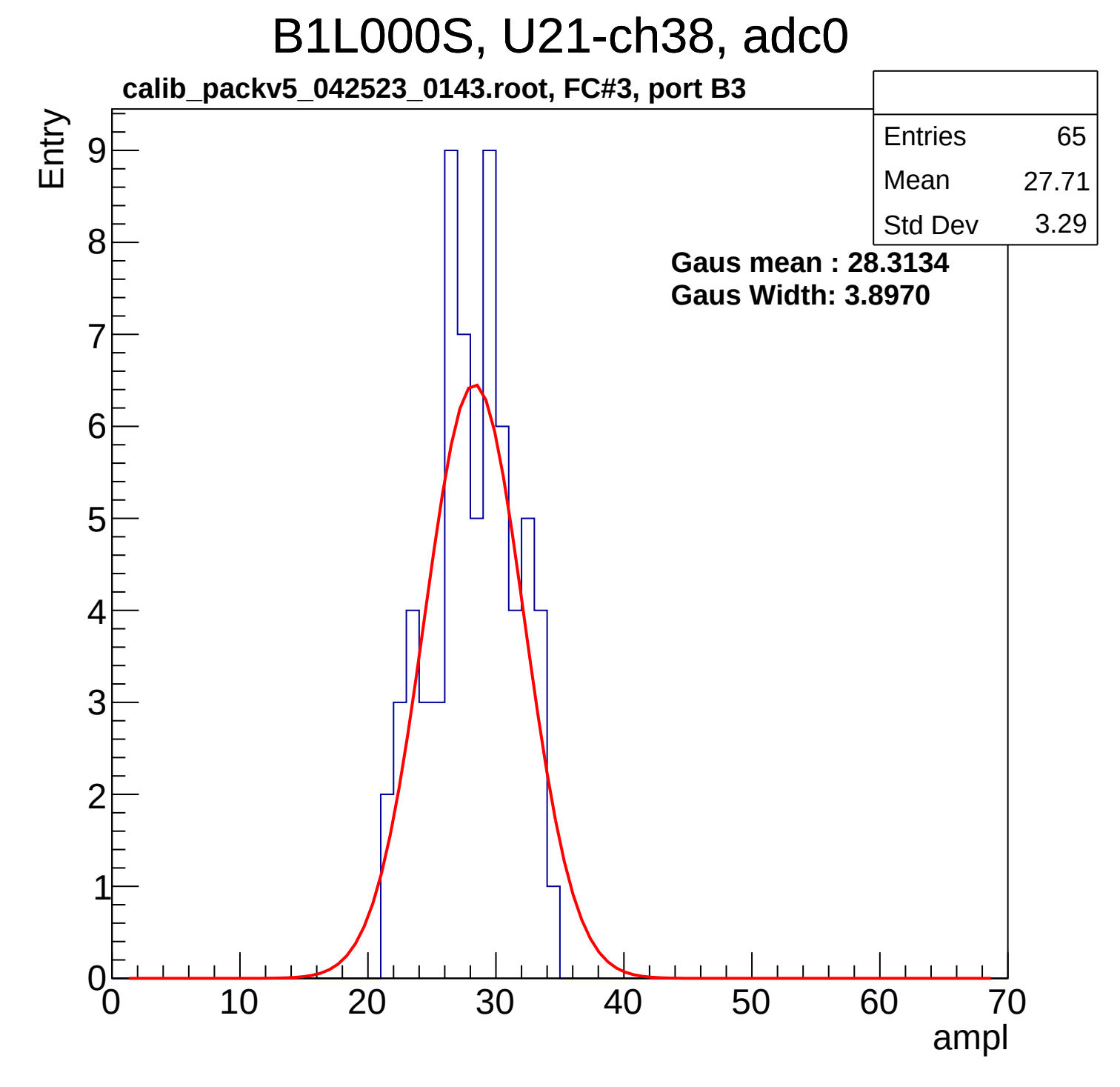

B1L000S, U21-ch37, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 48.07
Std Dev 2.846
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

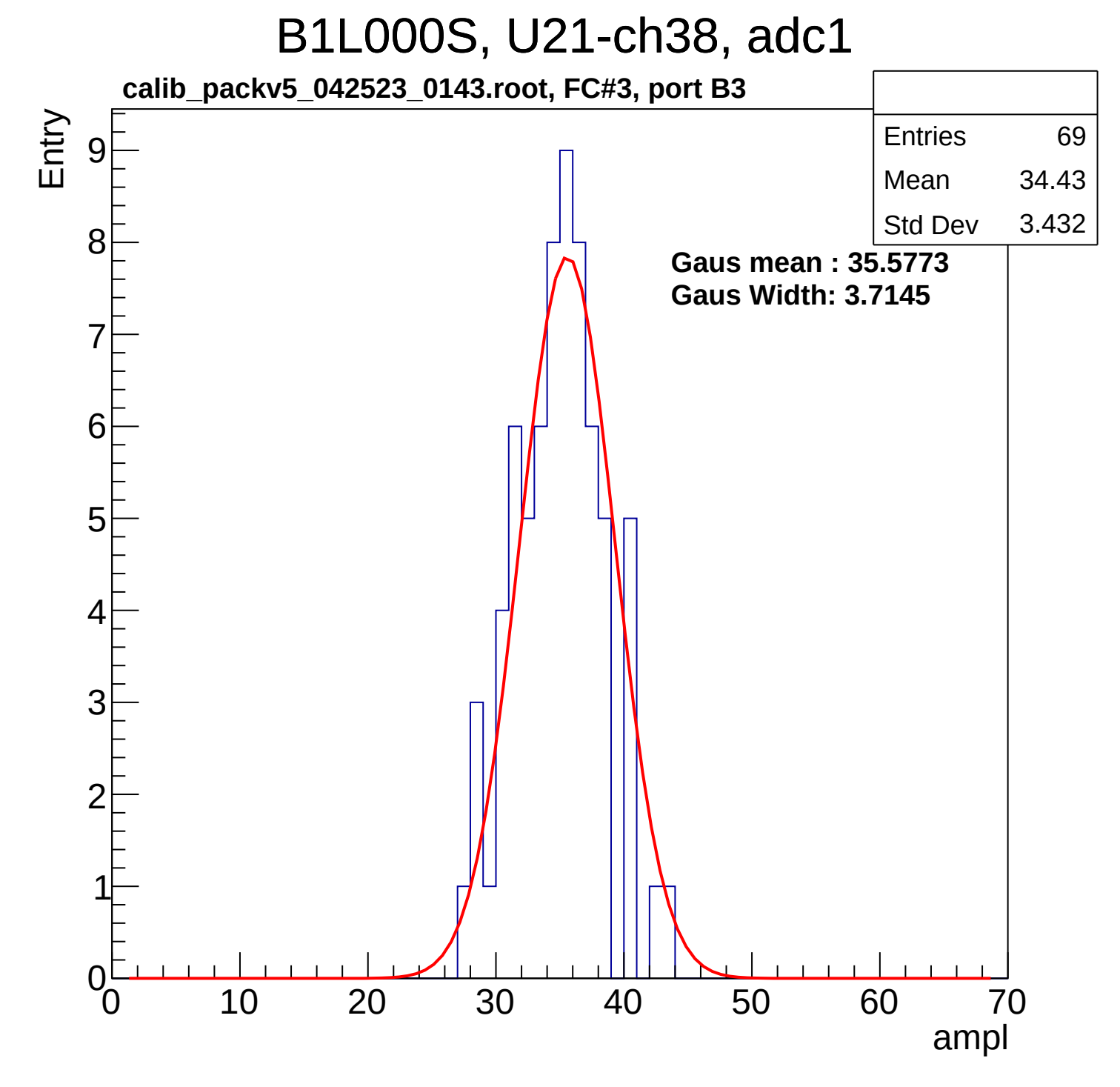

B1L000S, U21-ch37, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 54.19
Std Dev 2.819
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

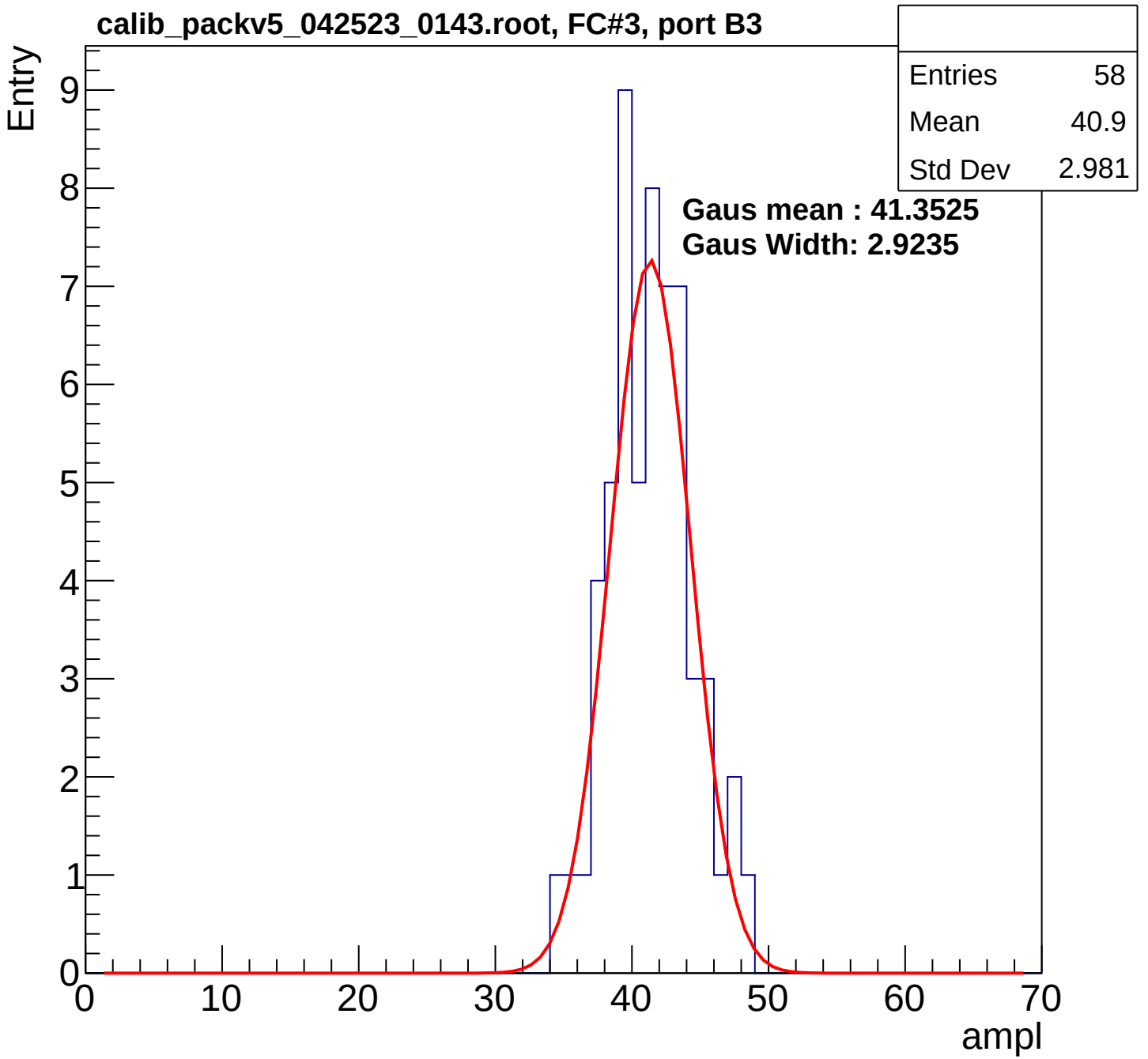

B1L000S, U21-ch37, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 58.5
Std Dev 8.094
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

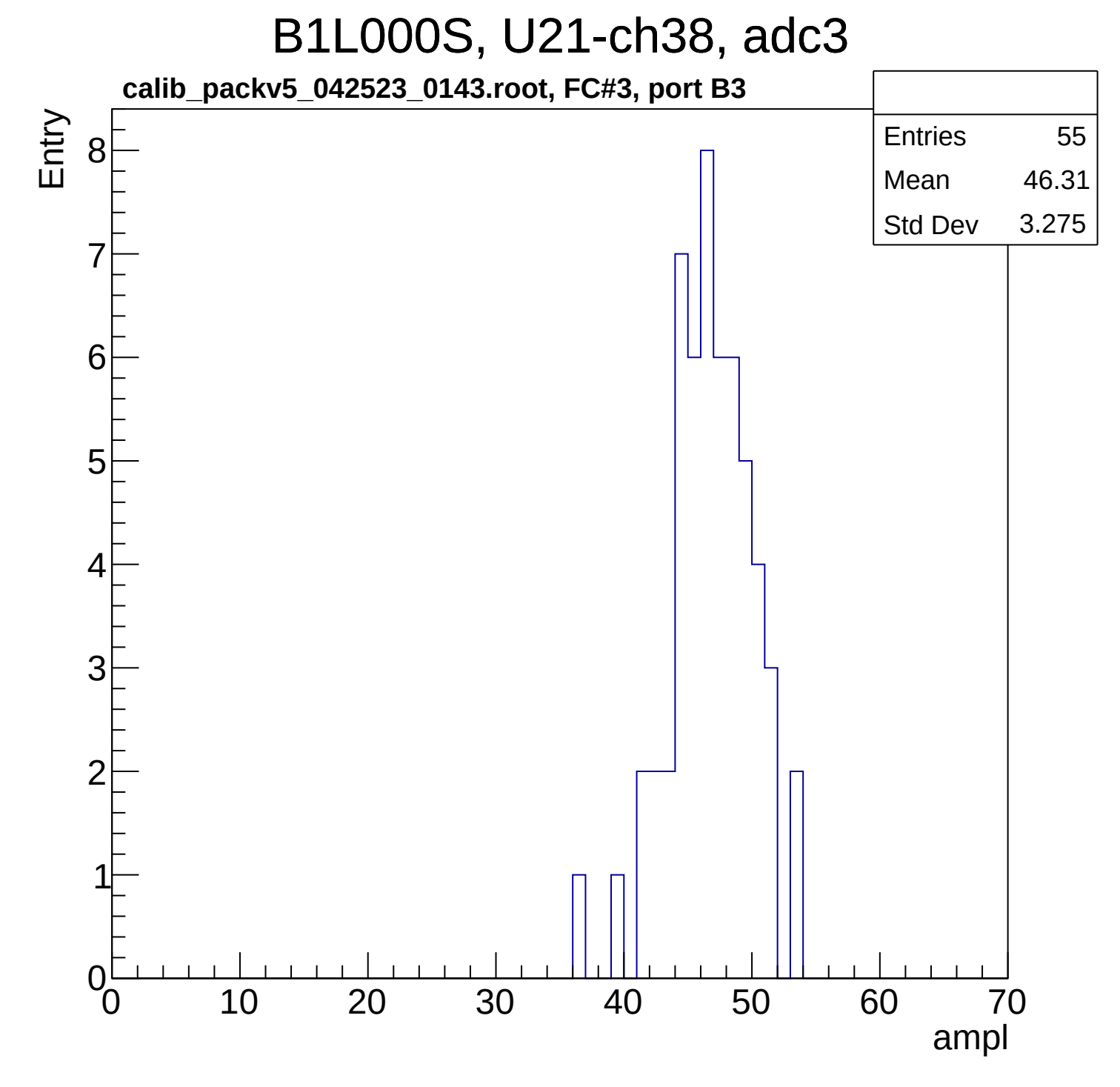

B1L000S, U21-ch37, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 60.62
Std Dev 1.728
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

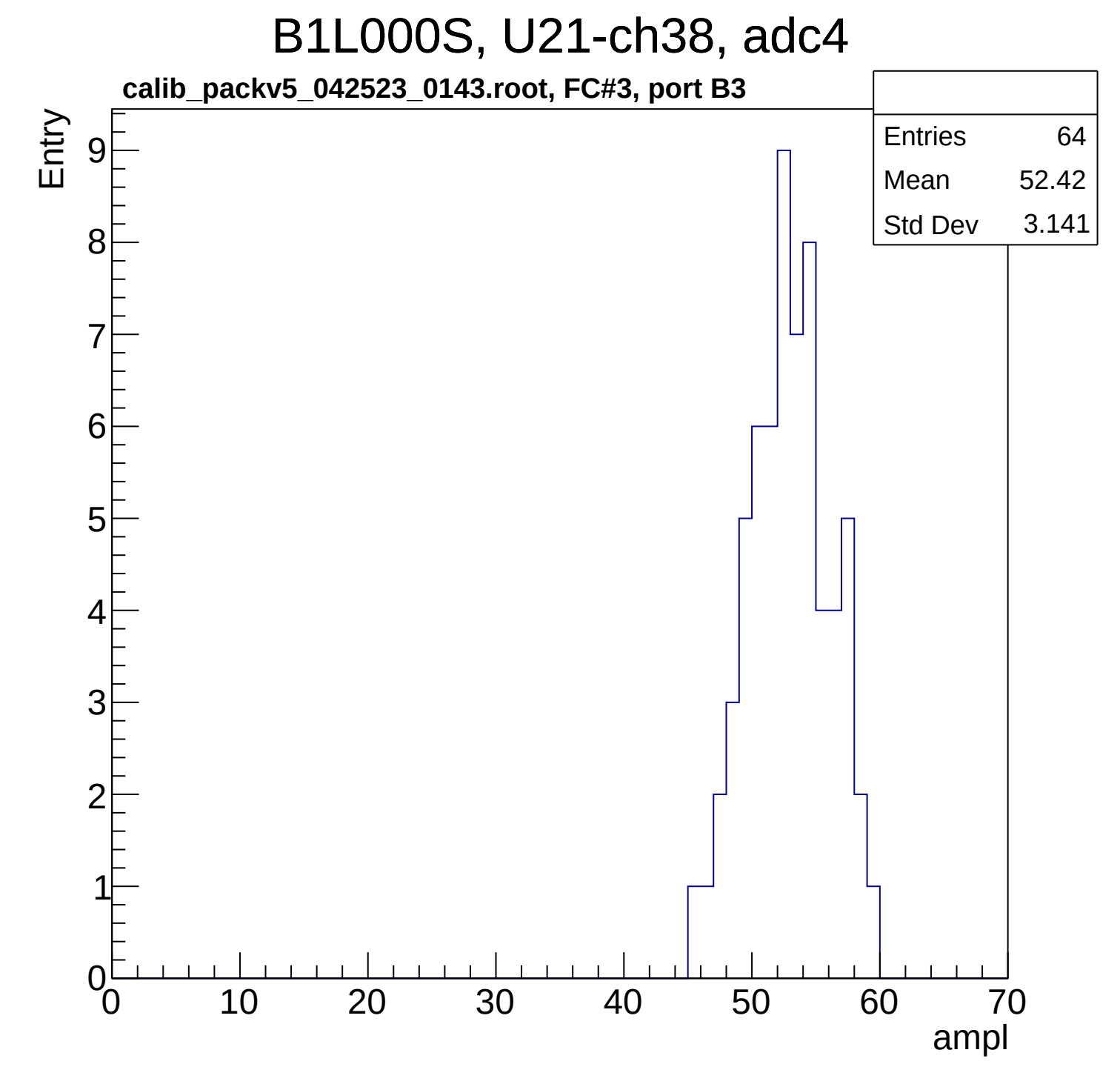

B1L000S, U21-ch37, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

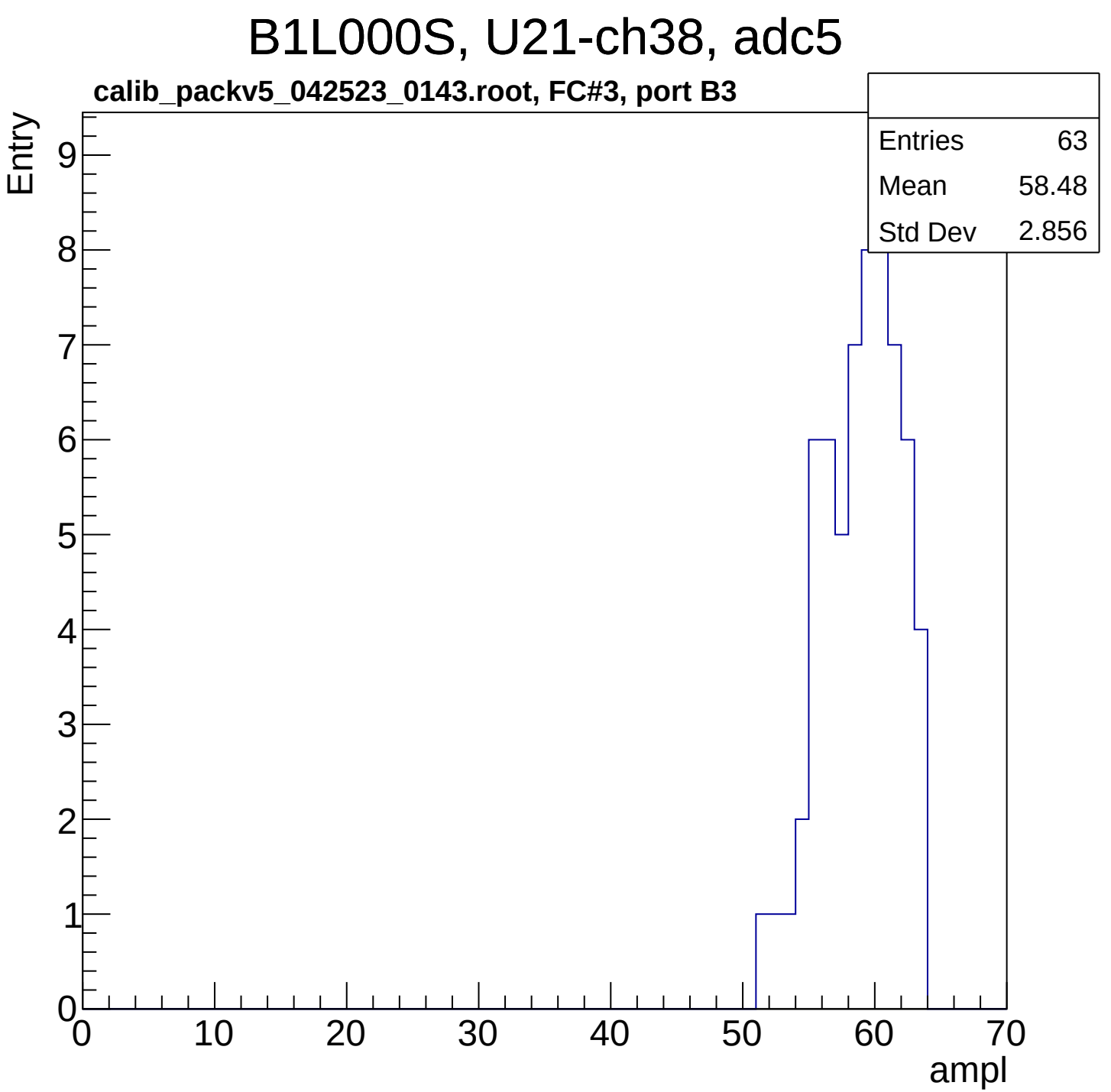

B1L000S, U21-ch38, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 27.71
Std Dev 3.29
Gaus mean : 28.3134
Gaus Width: 3.8970
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

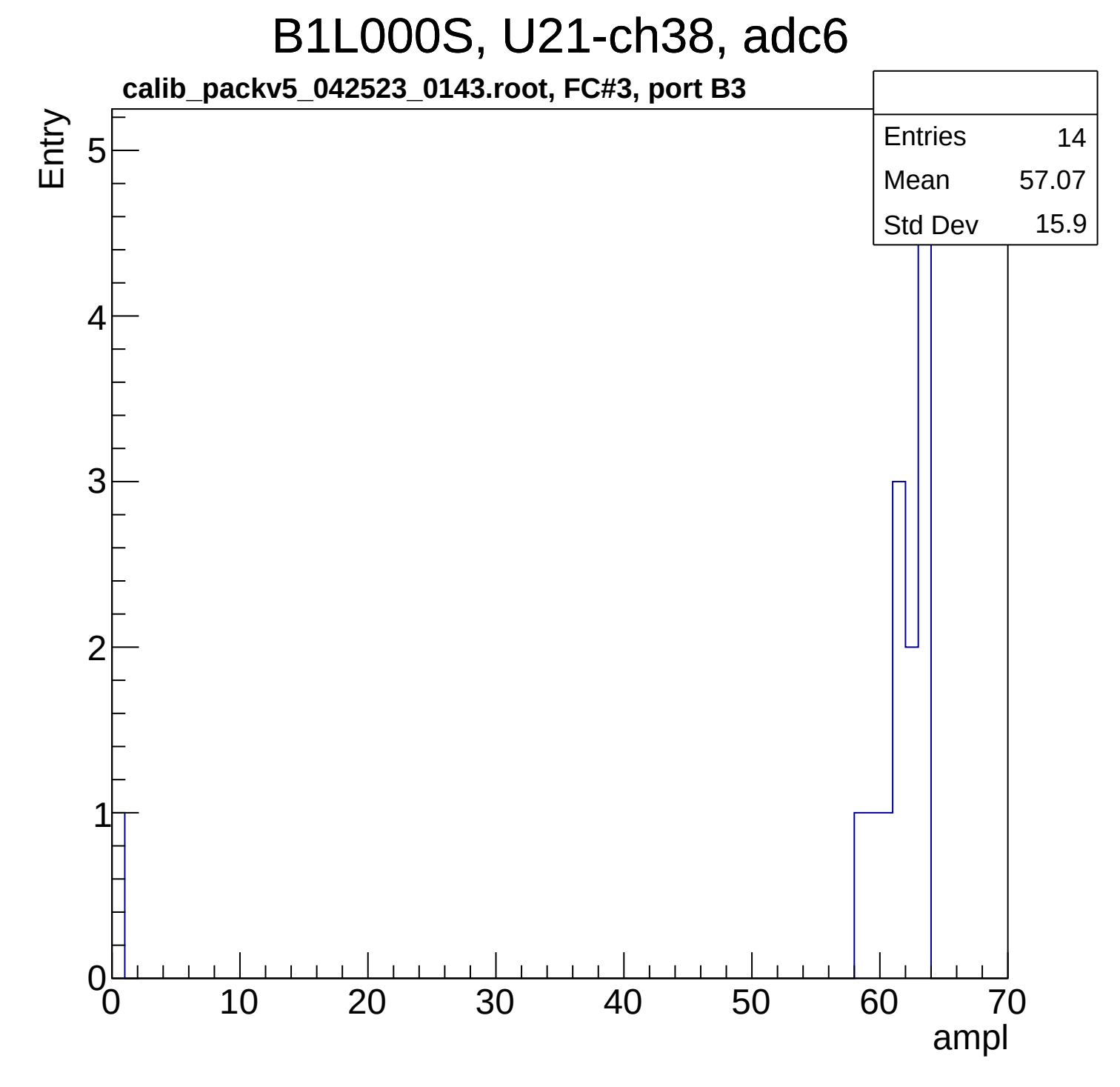

B1L000S, U21-ch38, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 34.43
Std Dev 3.432
Gaus mean : 35.5773
Gaus Width: 3.7145
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

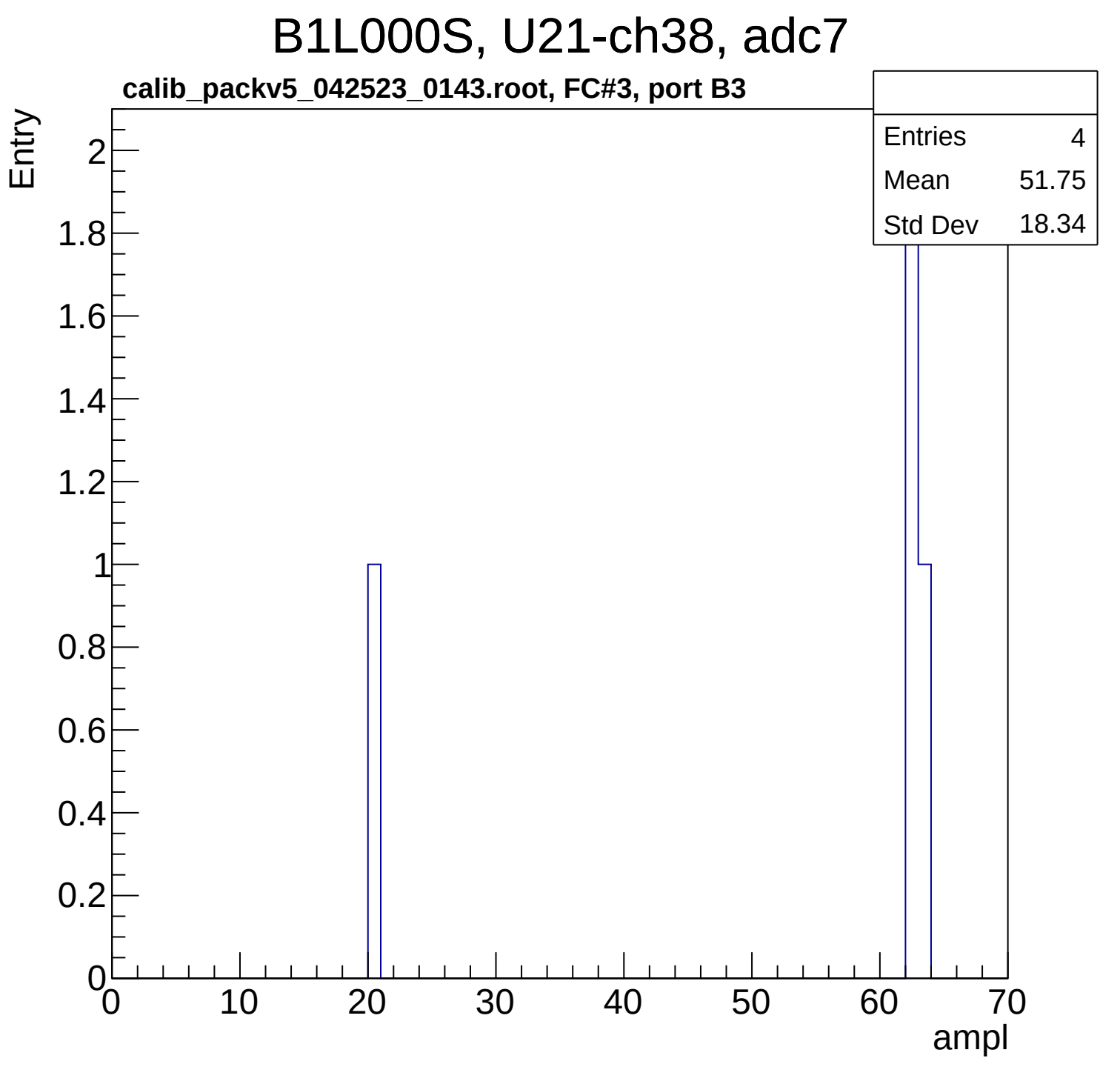

B1L000S, U21-ch38, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 40.9
Std Dev 2.981
Gaus mean : 41.3525
Gaus Width: 2.9235
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

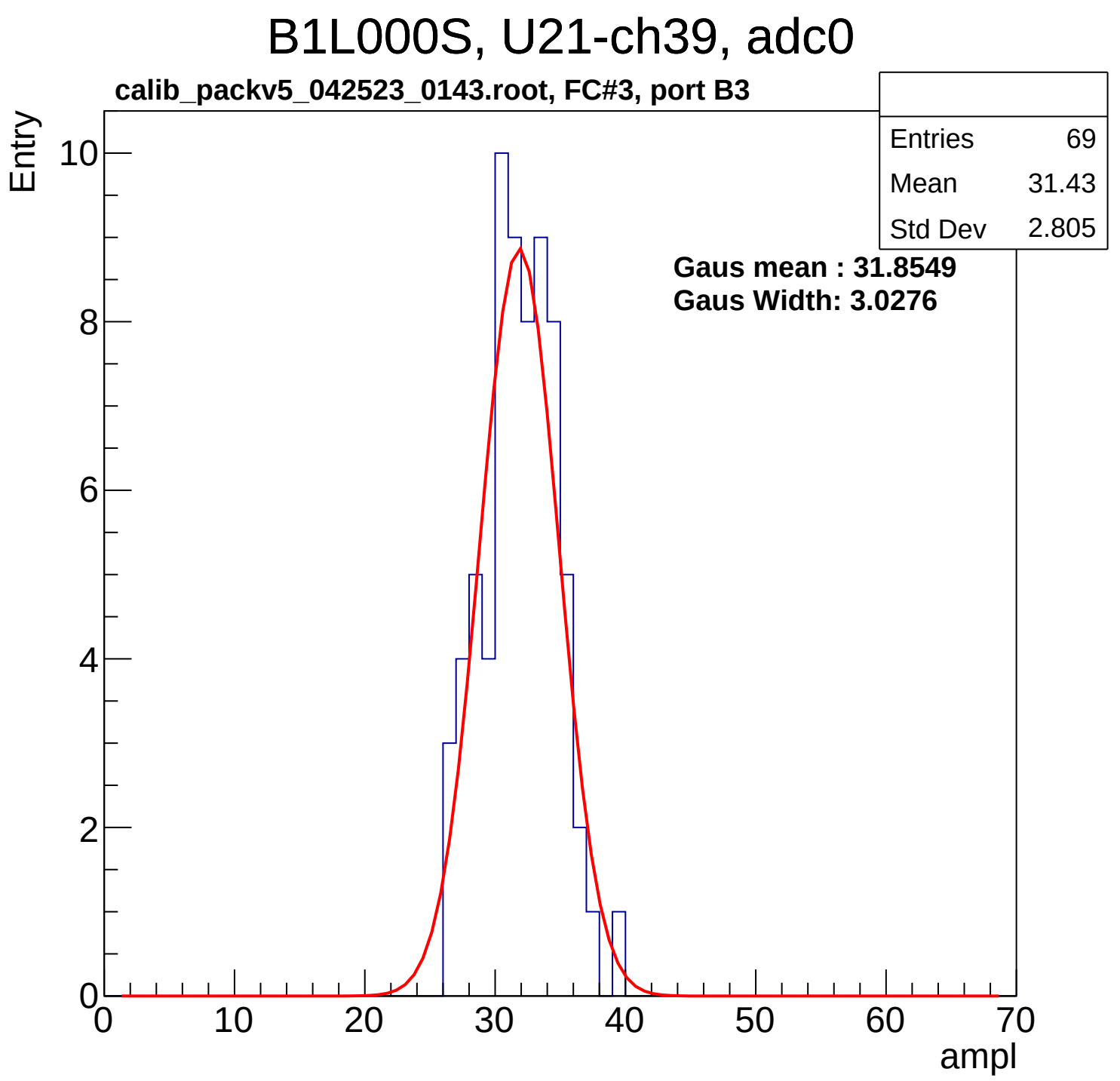

B1L000S, U21-ch38, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 46.31
Std Dev 3.275
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

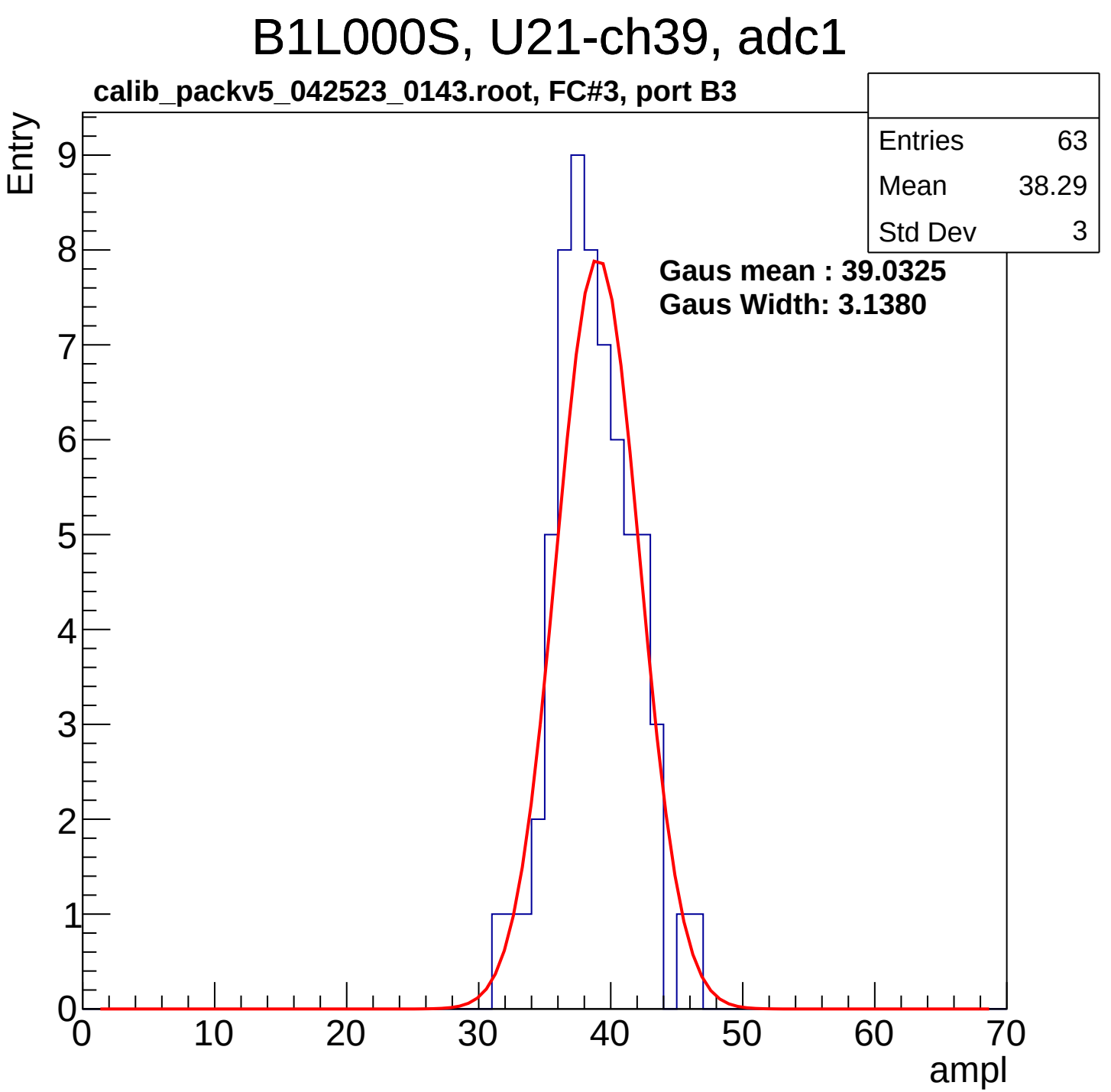

B1L000S, U21-ch38, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 52.42
Std Dev 3.141
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

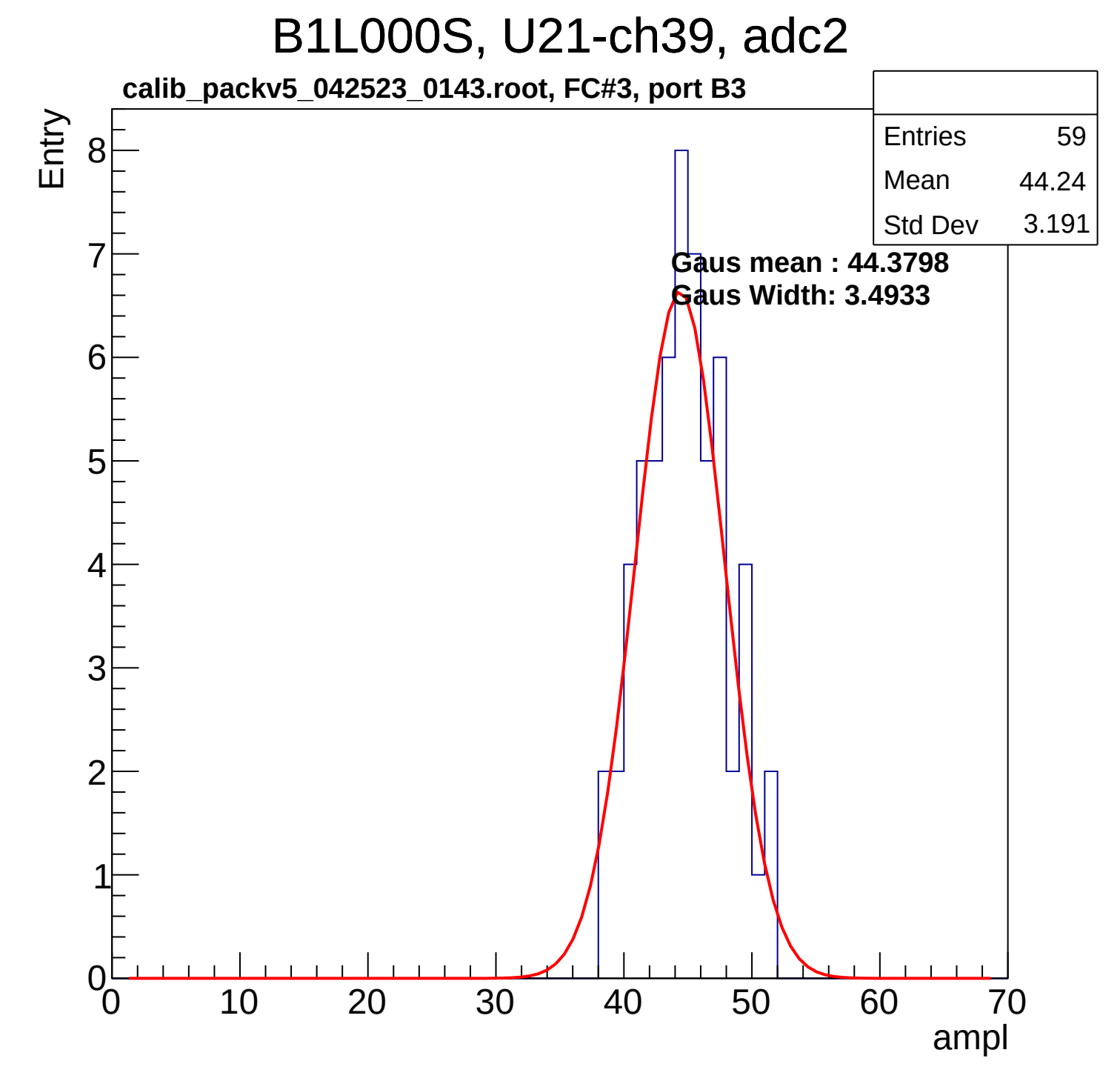

B1L000S, U21-ch38, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 58.48
Std Dev 2.856
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

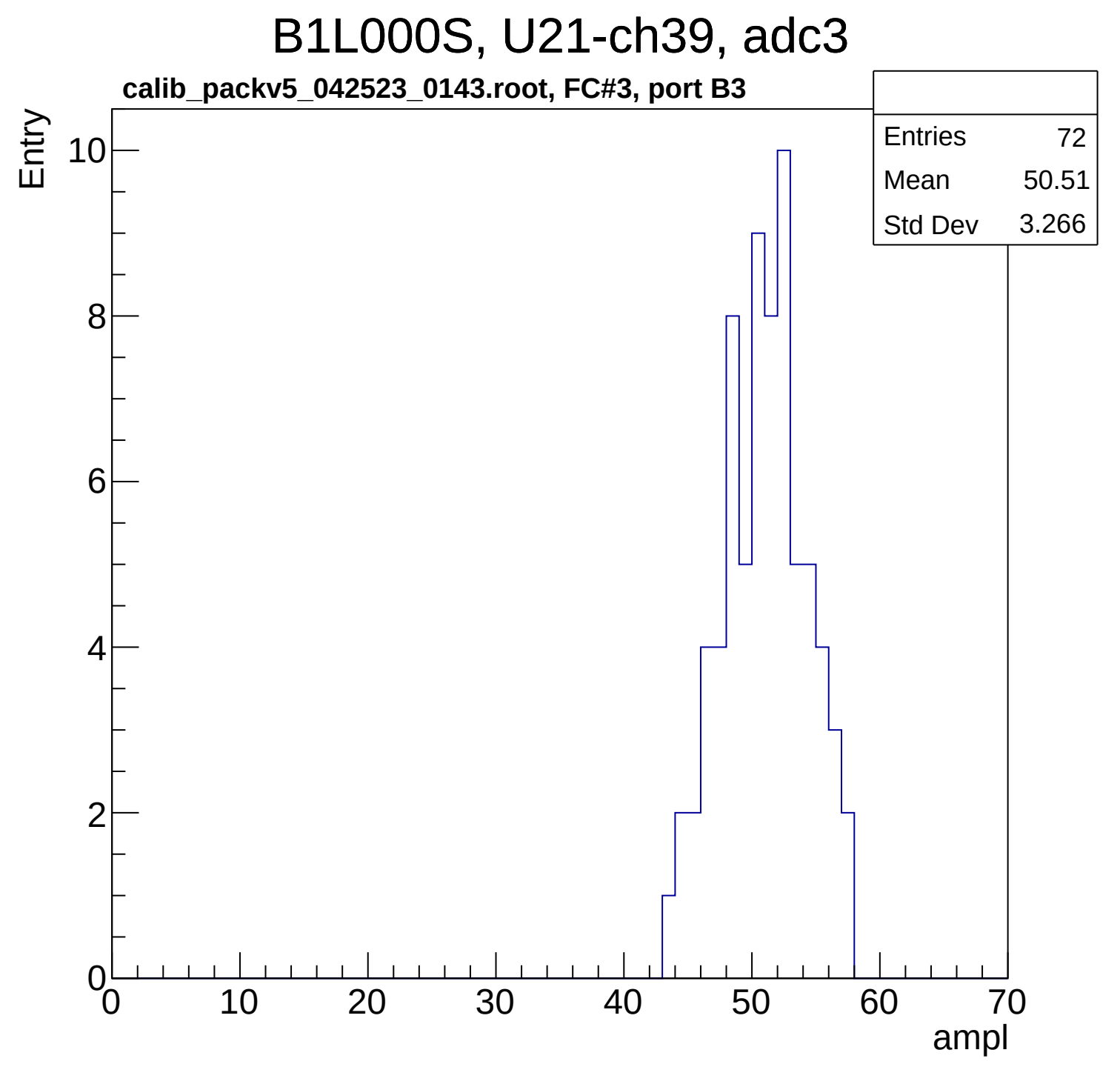

B1L000S, U21-ch38, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 57.07
Std Dev 15.9
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

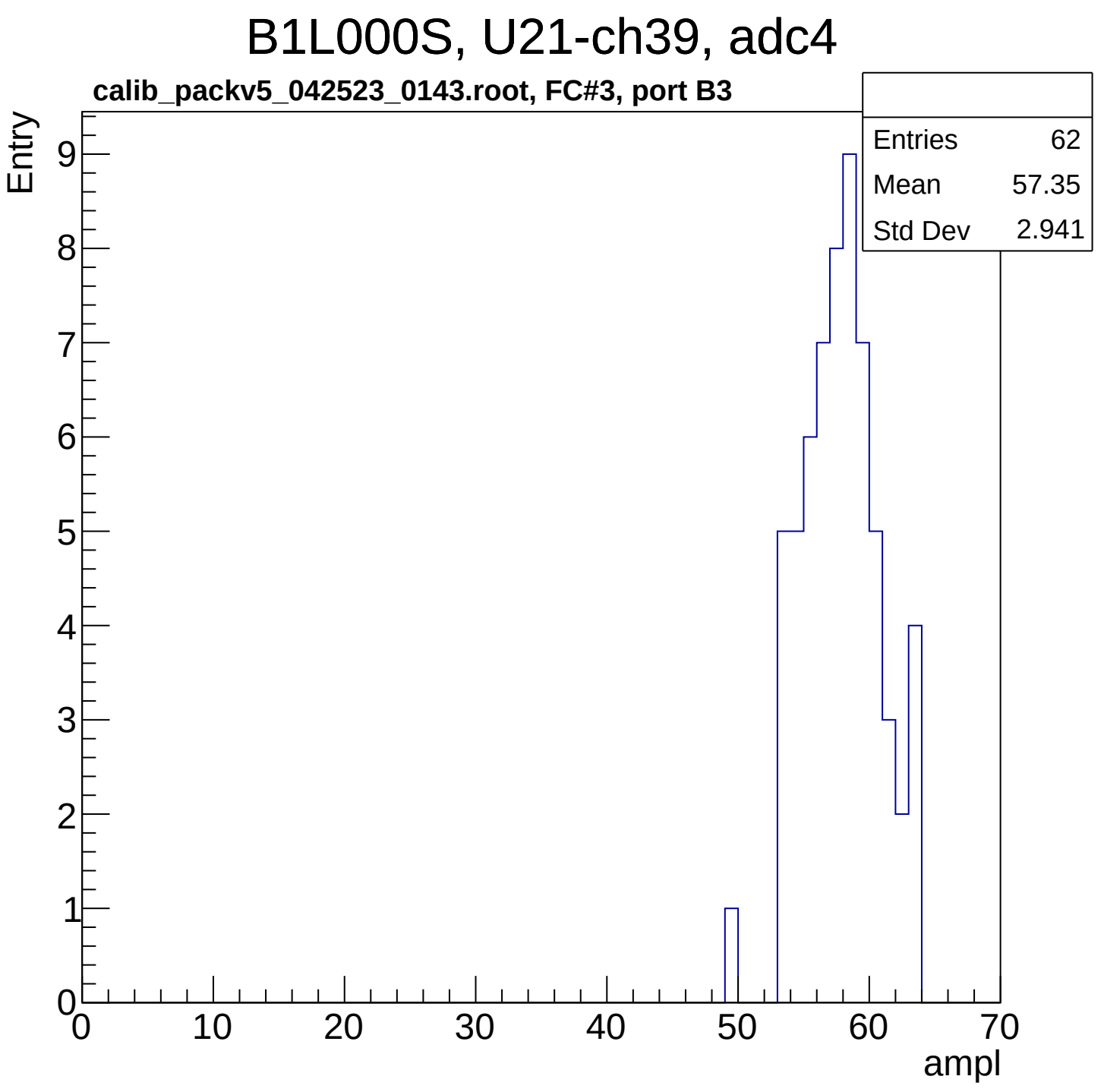

B1L000S, U21-ch38, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 51.75
Std Dev 18.34
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

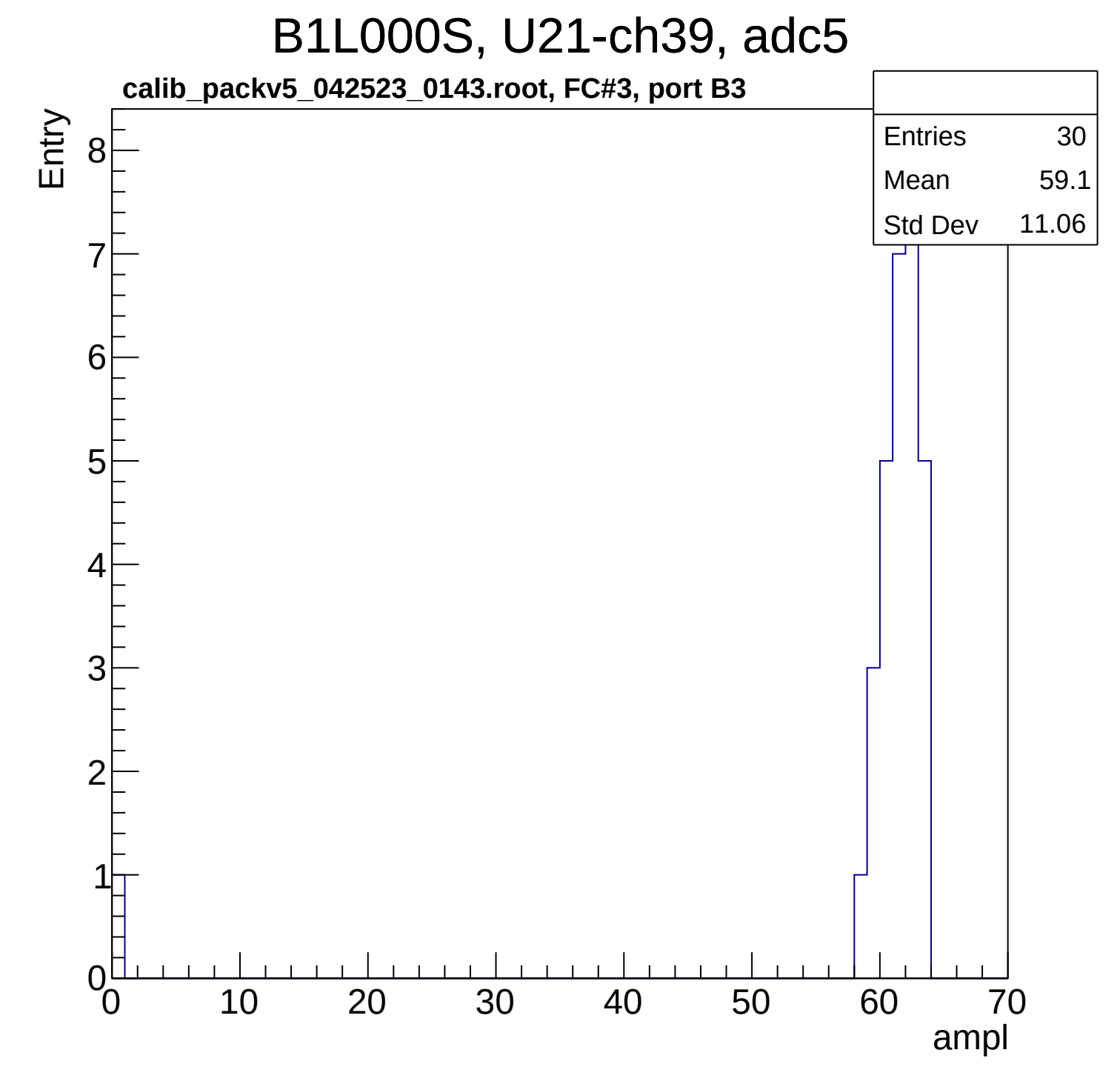

B1L000S, U21-ch39, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 31.43
Std Dev 2.805
Gaus mean : 31.8549
Gaus Width: 3.0276
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

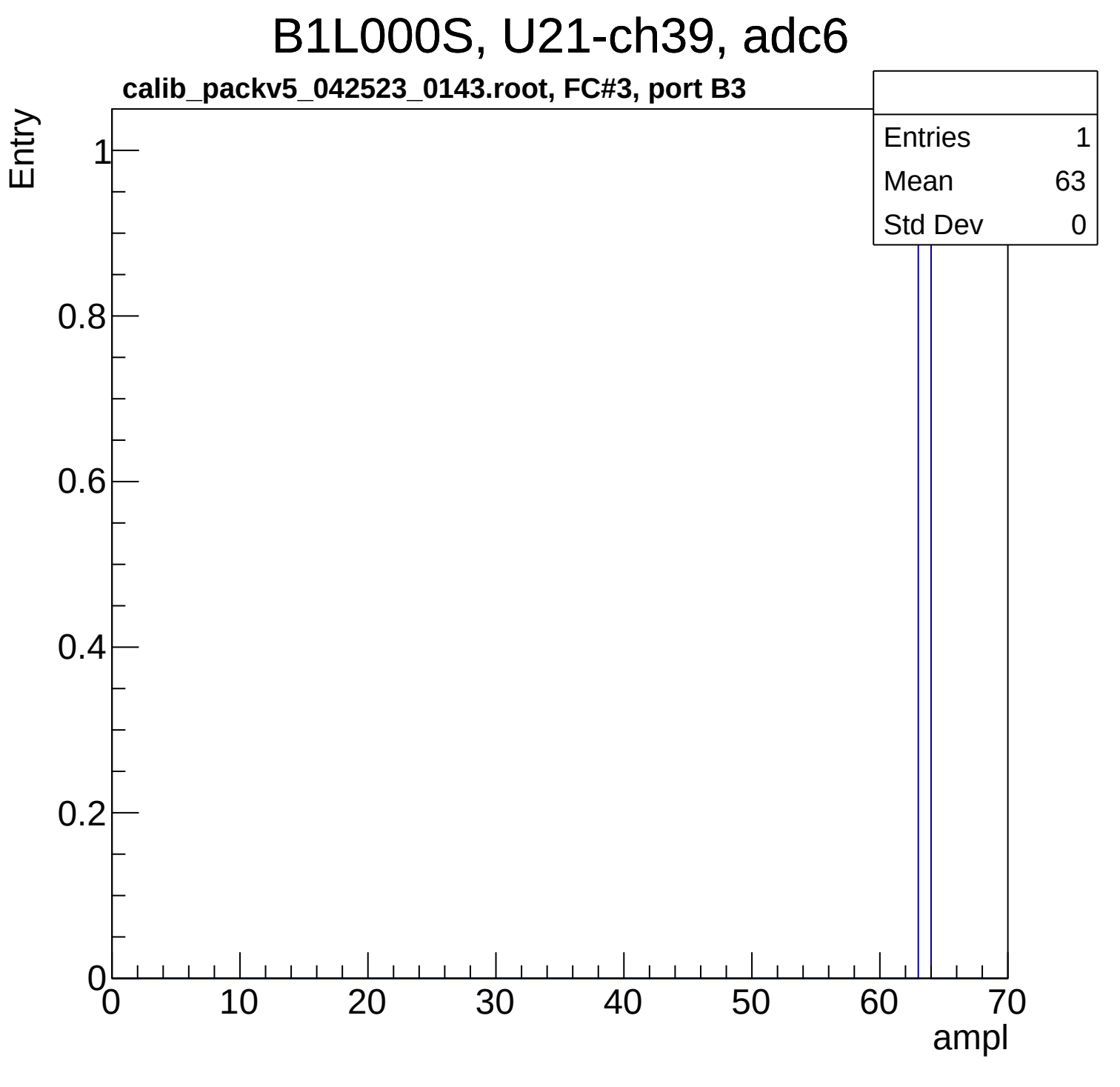

B1L000S, U21-ch39, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 38.29
Std Dev 3
Gaus mean : 39.0325
Gaus Width: 3.1380
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

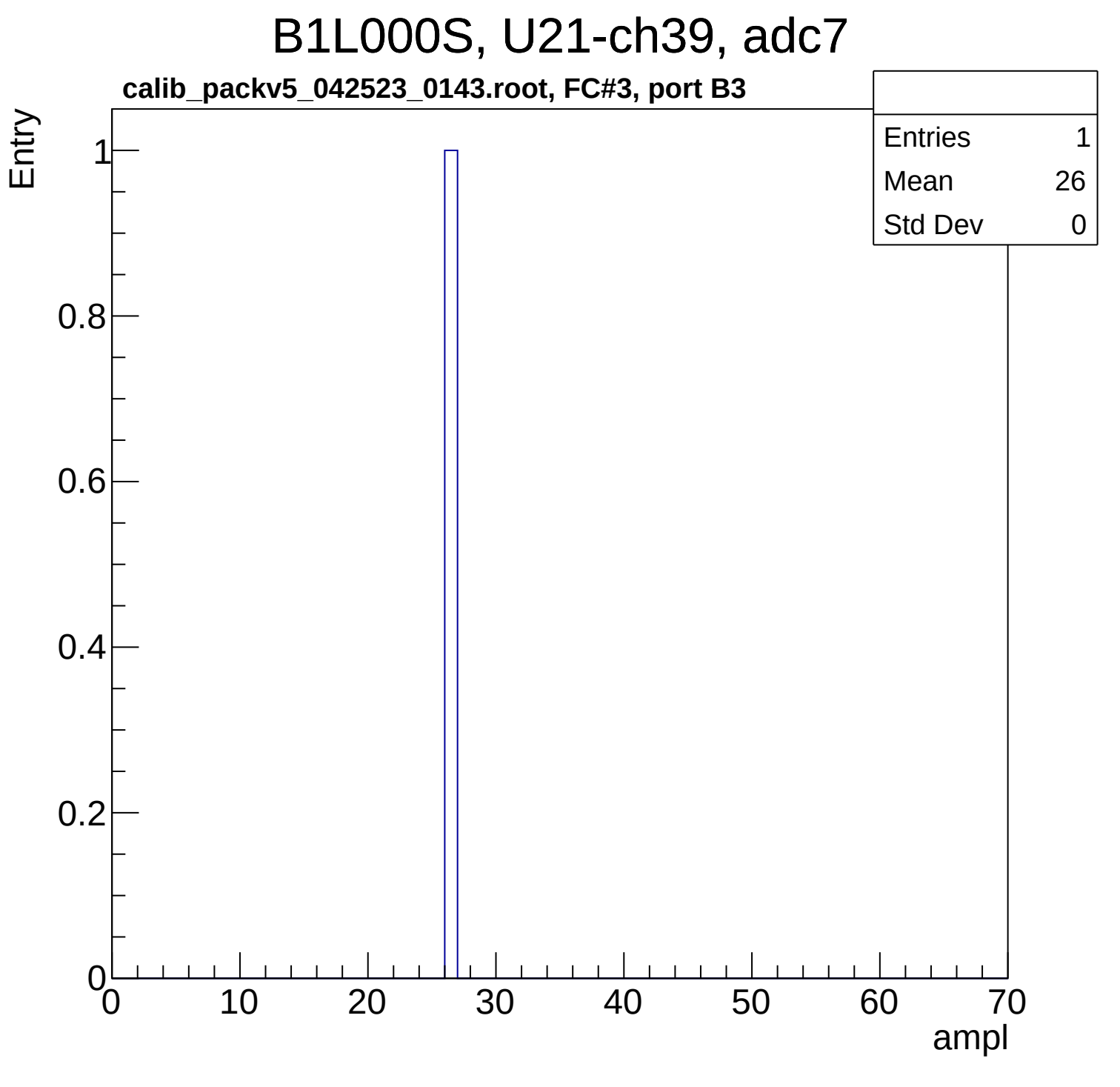

B1L000S, U21-ch39, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 44.24
Std Dev 3.191
Gaus mean : 44.3798
Gaus Width: 3.4933
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

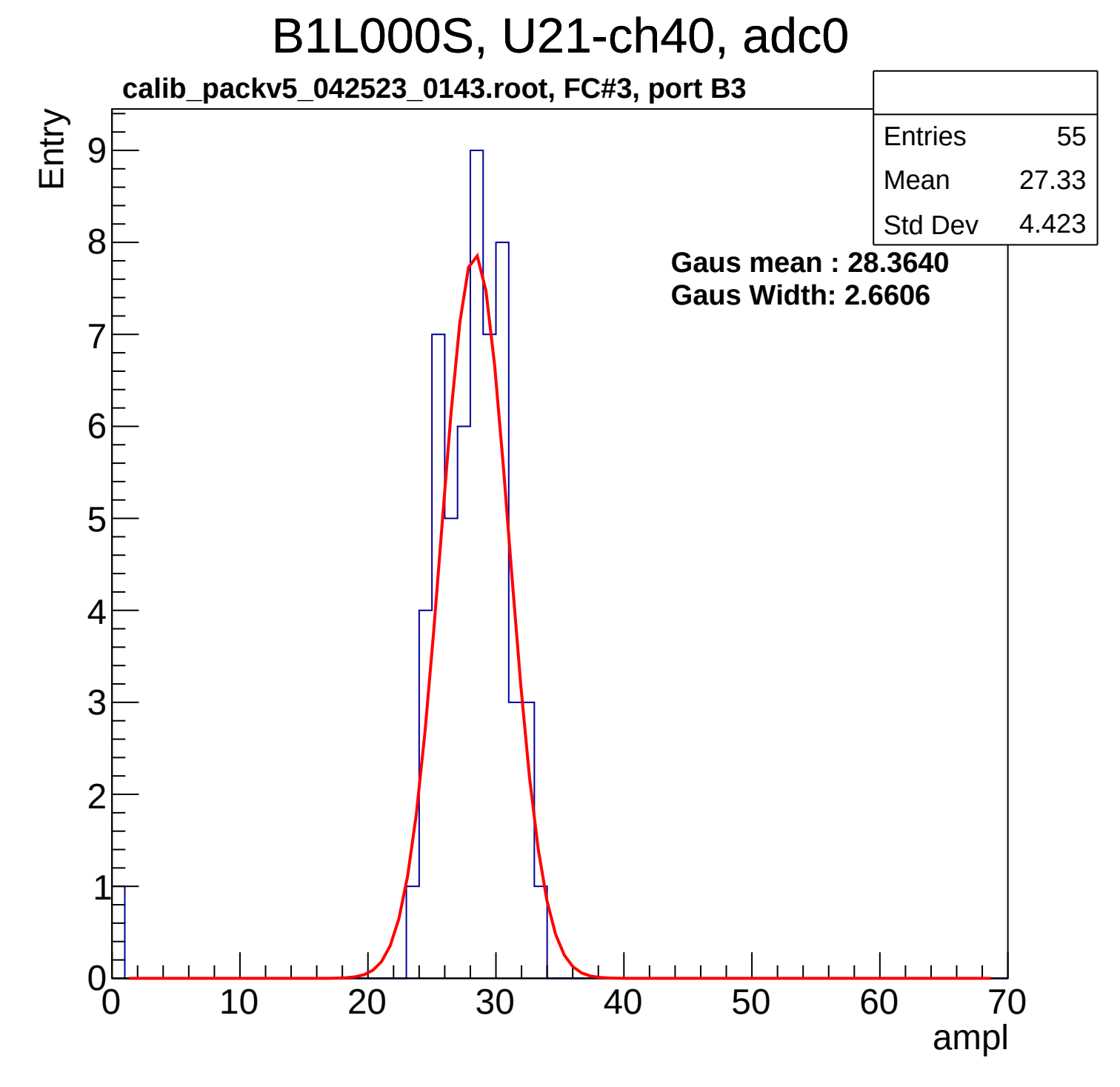

B1L000S, U21-ch39, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 50.51
Std Dev 3.266
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

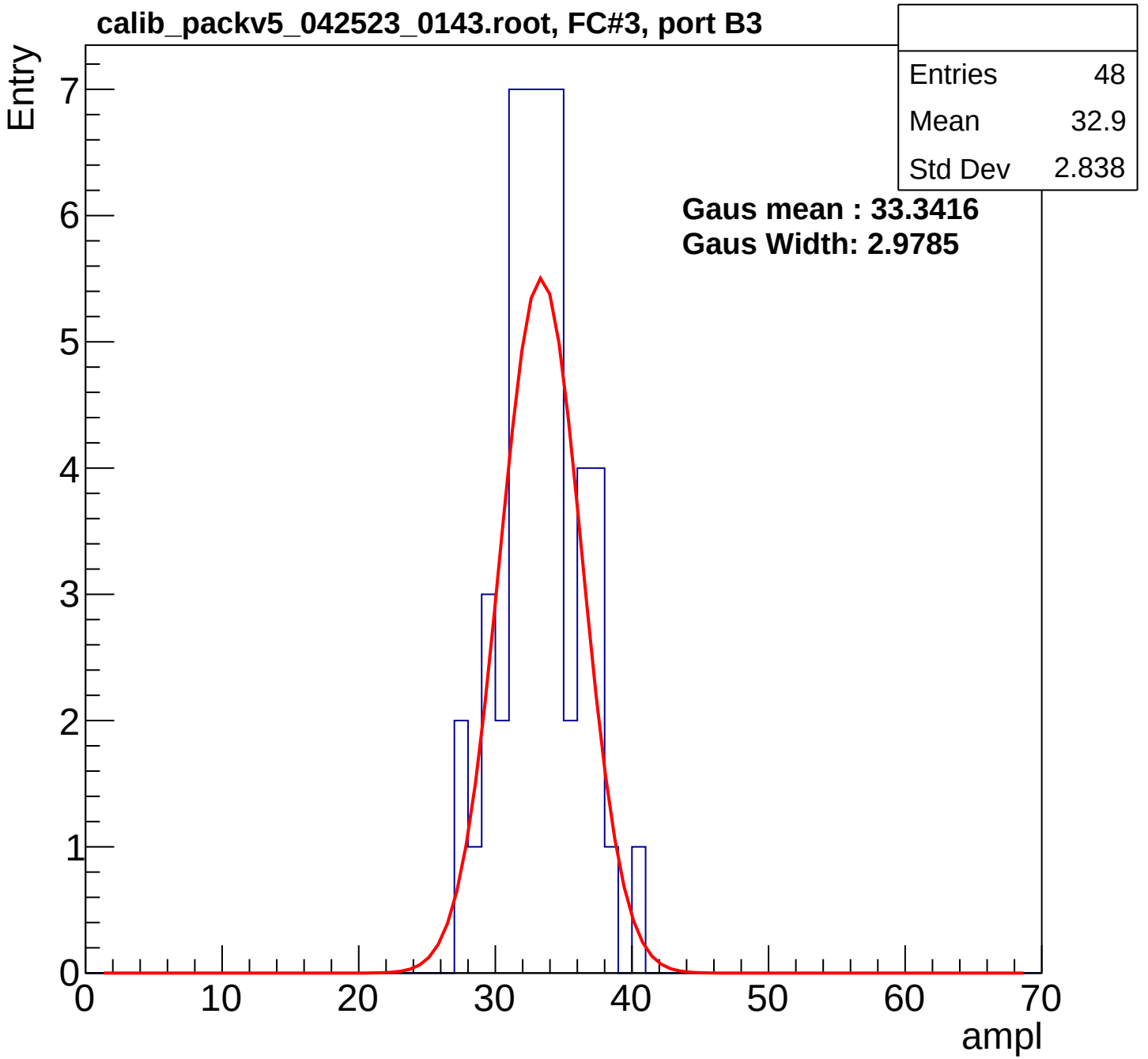

B1L000S, U21-ch39, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 57.35
Std Dev 2.941
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

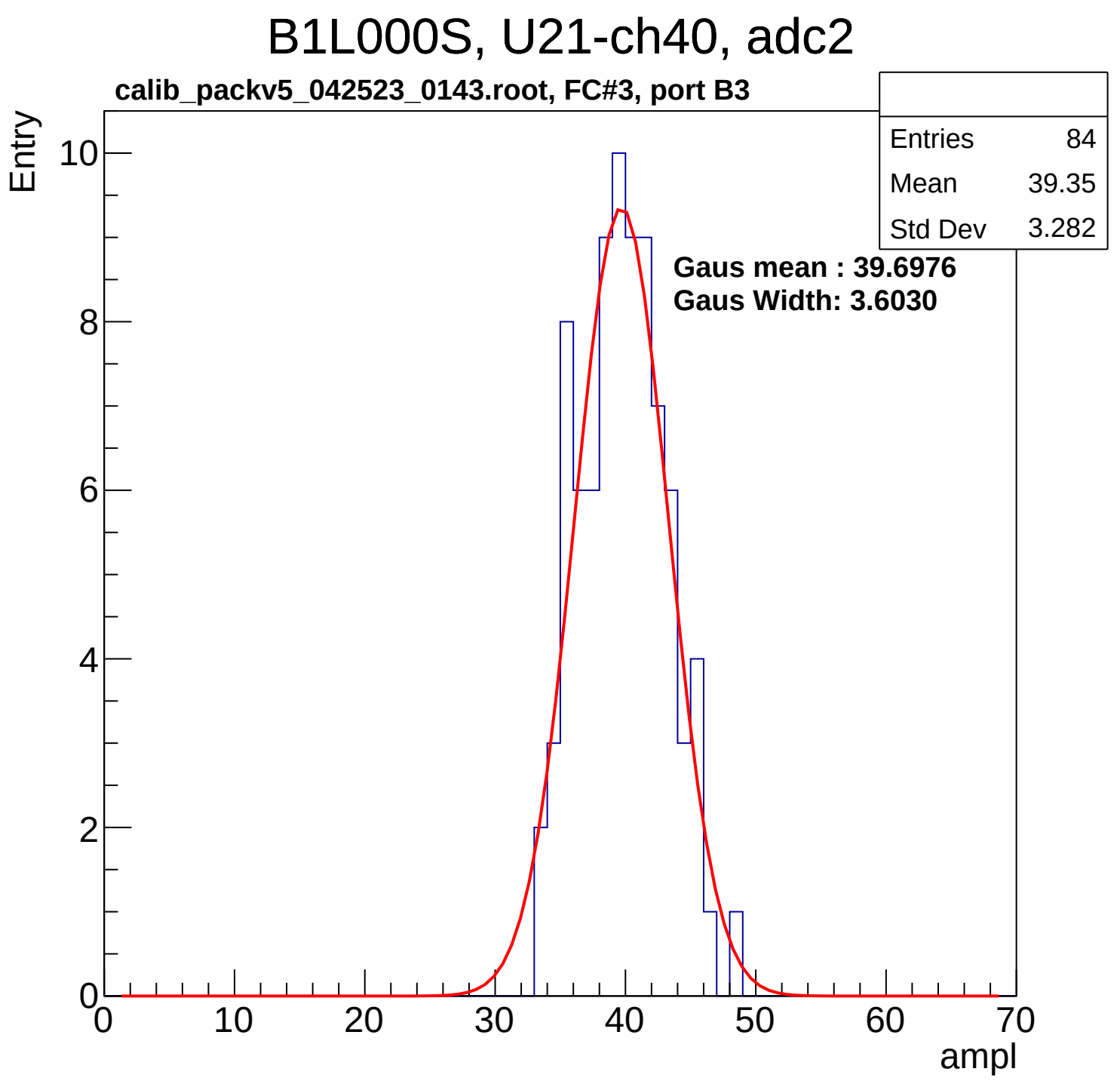

B1L000S, U21-ch39, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 30
Mean 59.1
Std Dev 11.06
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

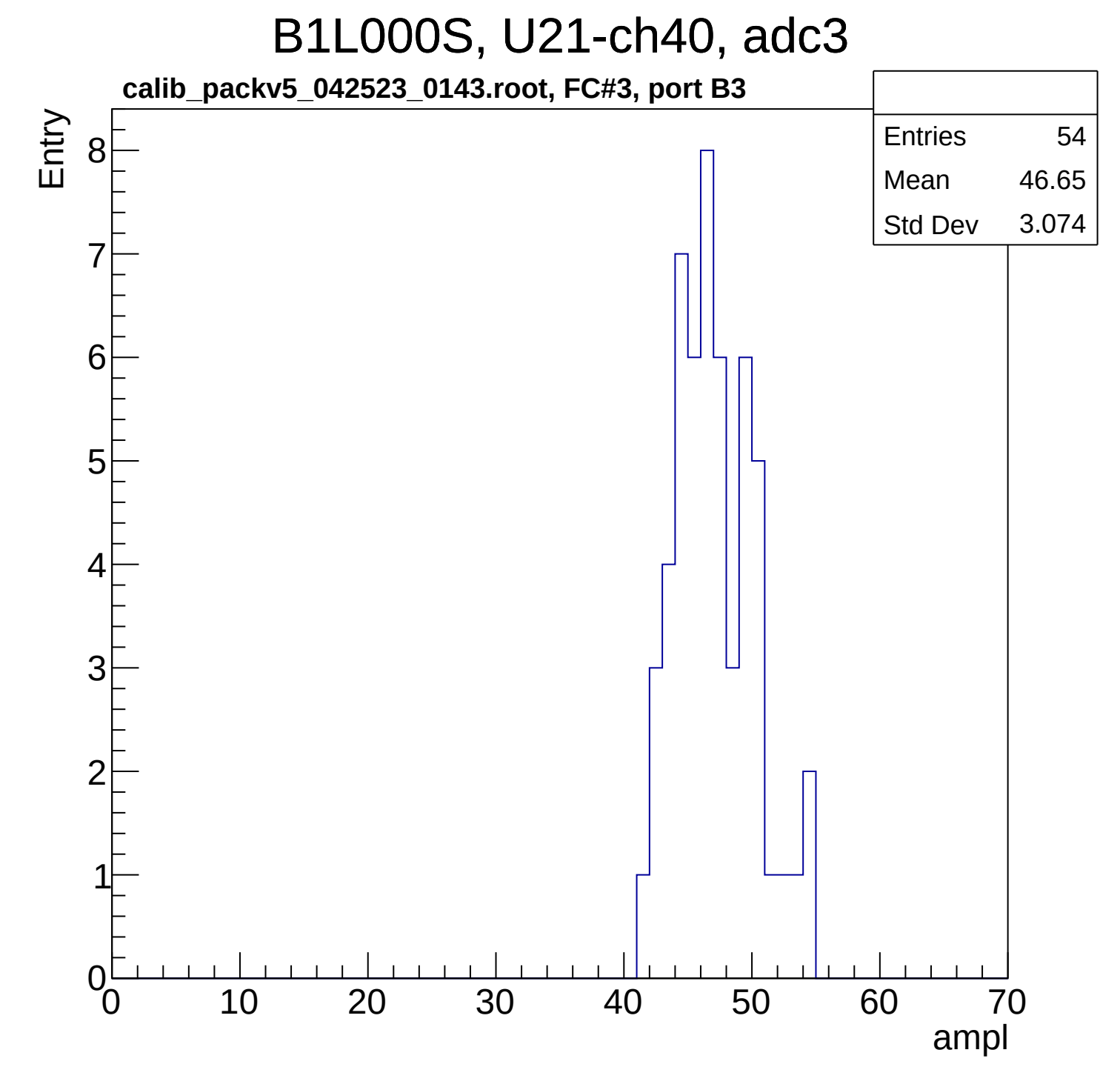

B1L000S, U21-ch39, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

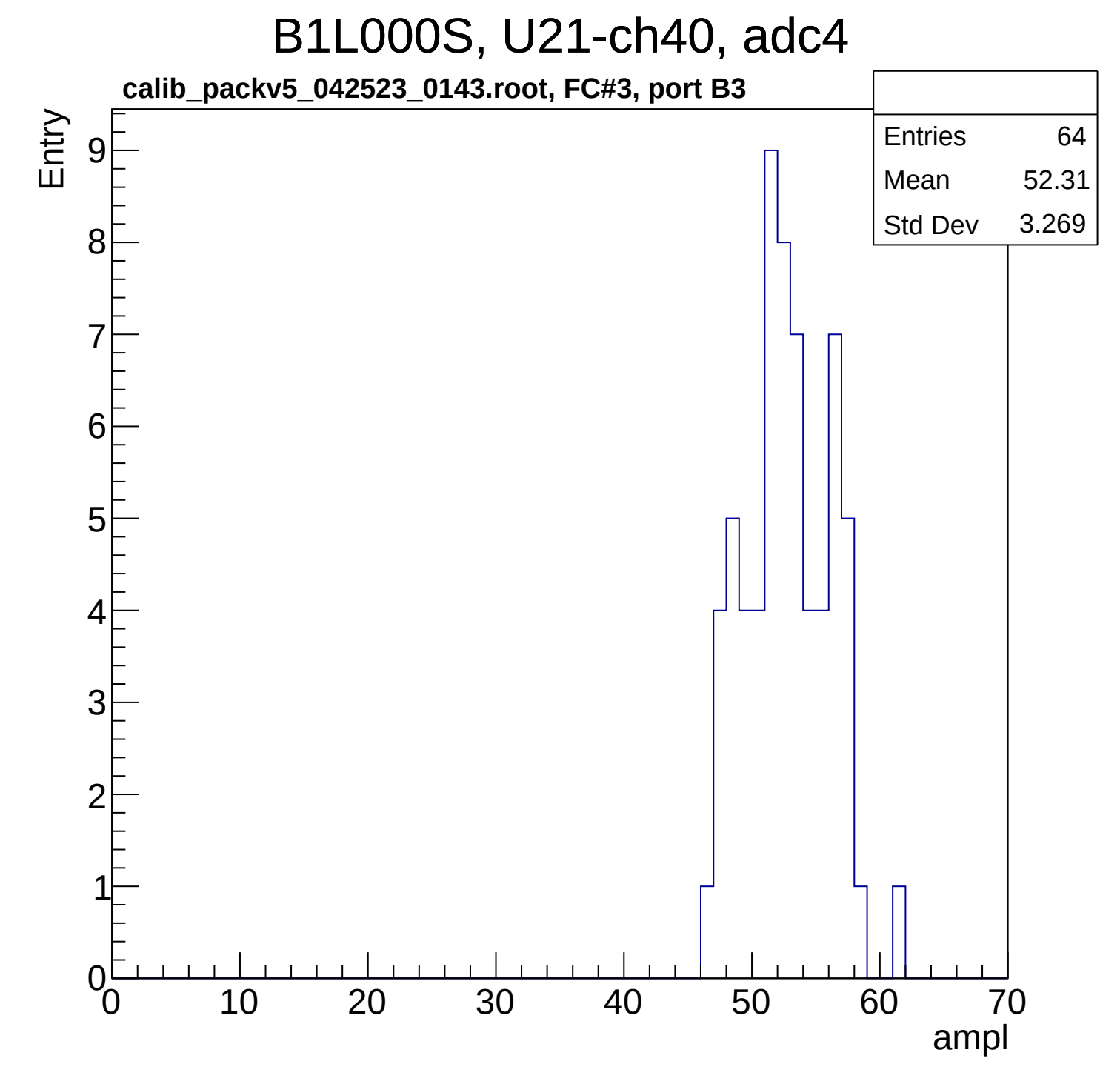

B1L000S, U21-ch39, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 26
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

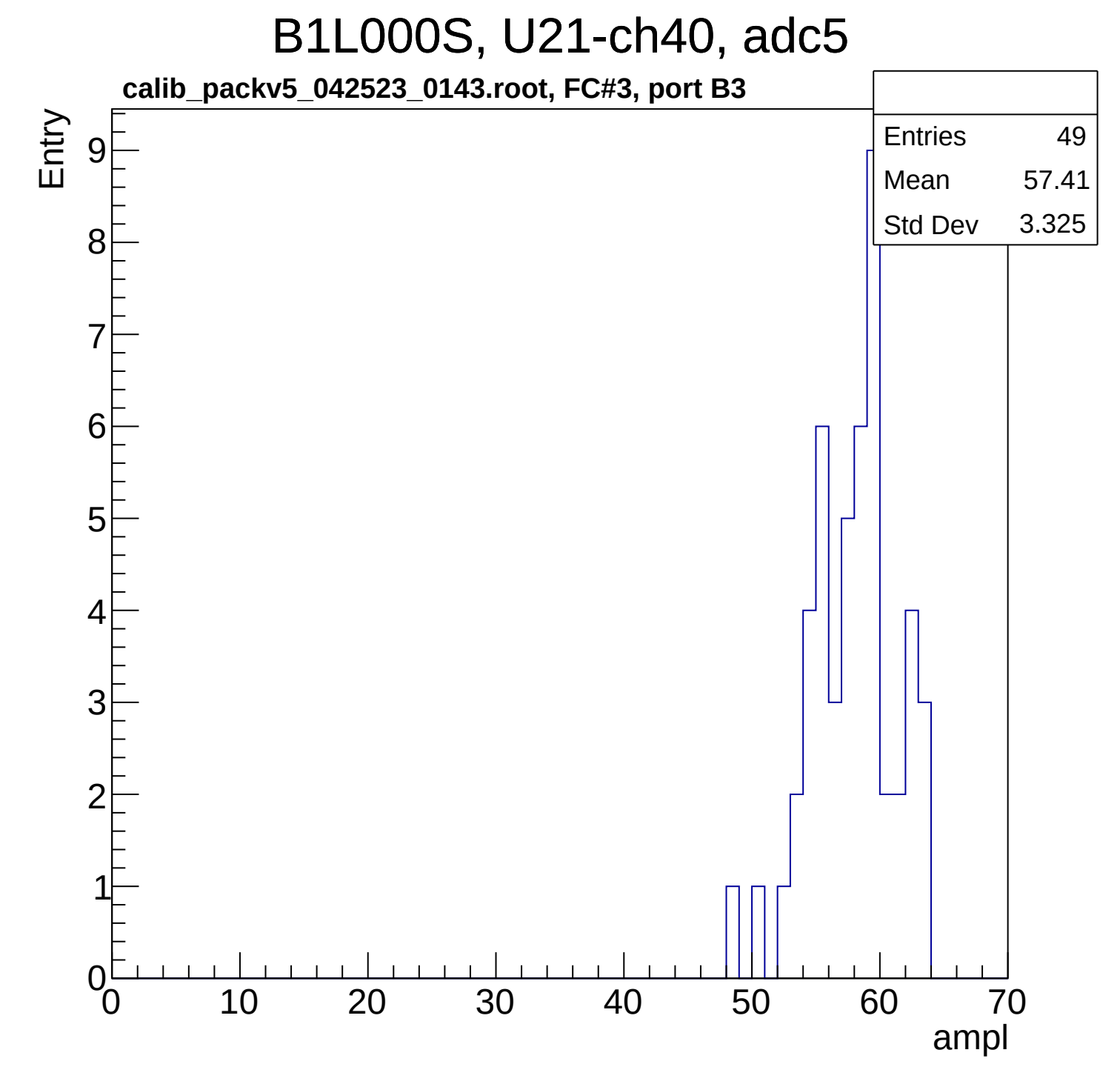

B1L000S, U21-ch40, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 27.33
Std Dev 4.423
Gaus mean : 28.3640
Gaus Width: 2.6606
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

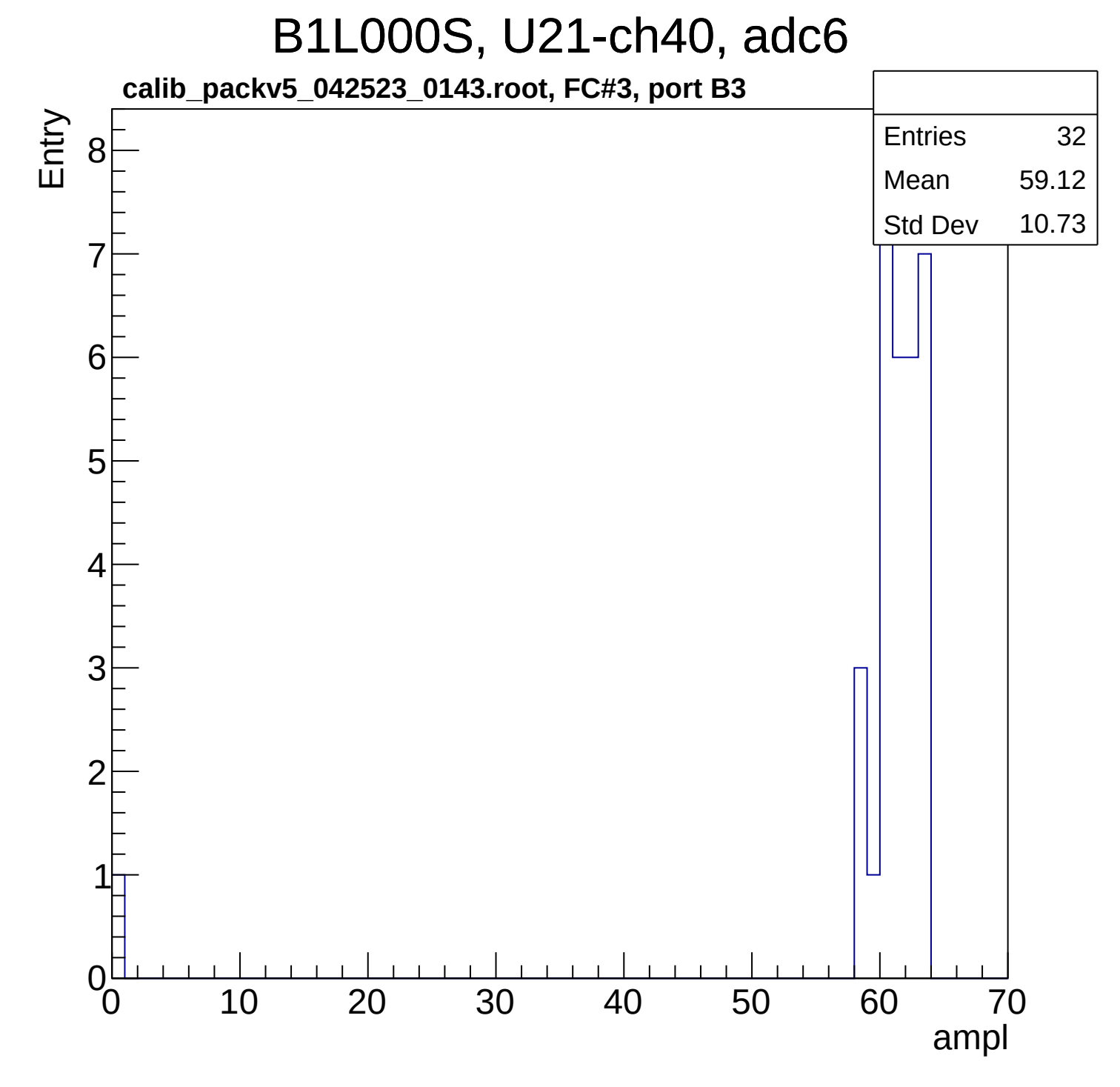

B1L000S, U21-ch40, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 32.9
Std Dev 2.838
Gaus mean : 33.3416
Gaus Width: 2.9785
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

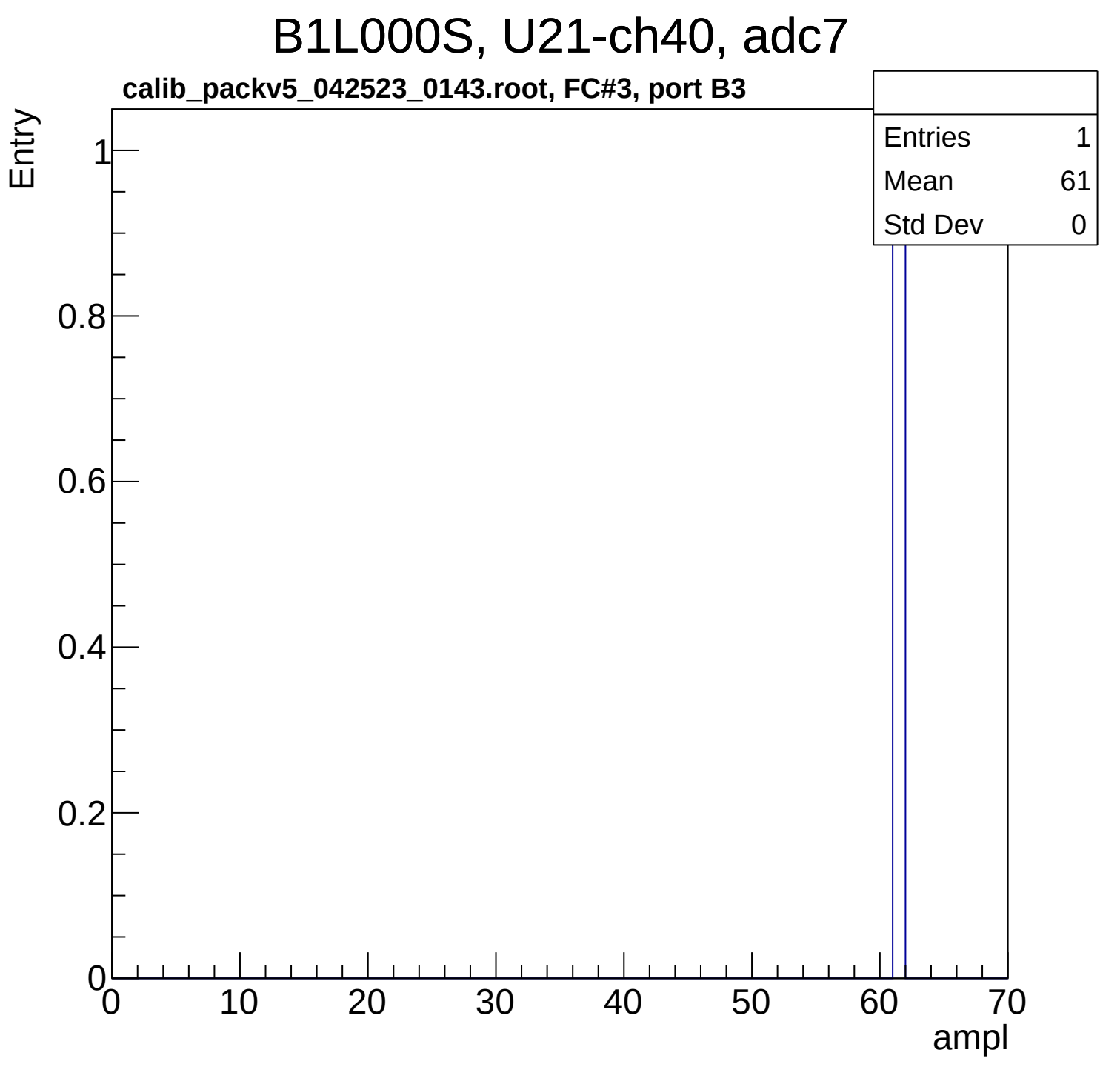

B1L000S, U21-ch40, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 84
Mean 39.35
Std Dev 3.282
Gaus mean : 39.6976
Gaus Width: 3.6030
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

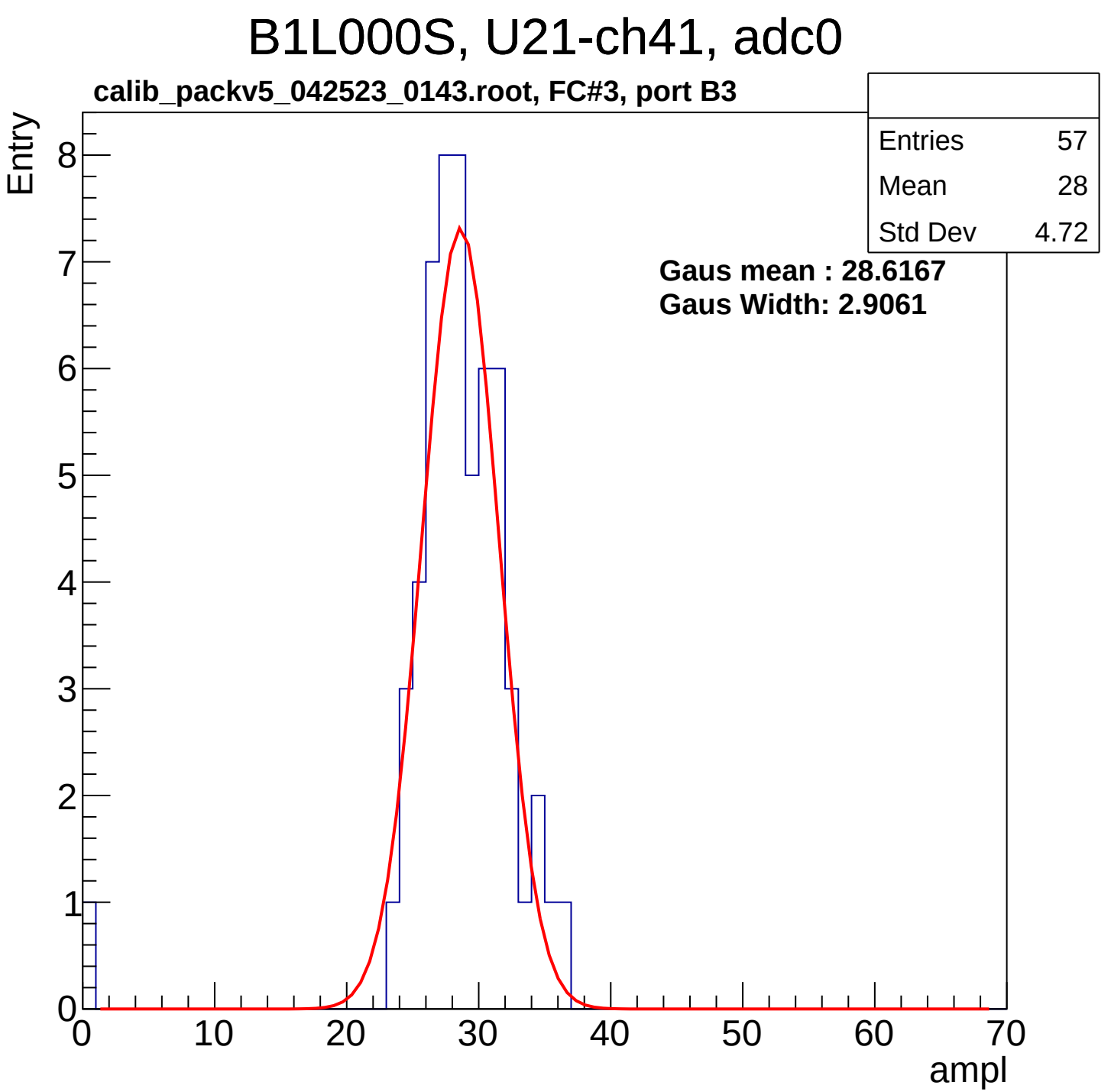

B1L000S, U21-ch40, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 46.65
Std Dev 3.074
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

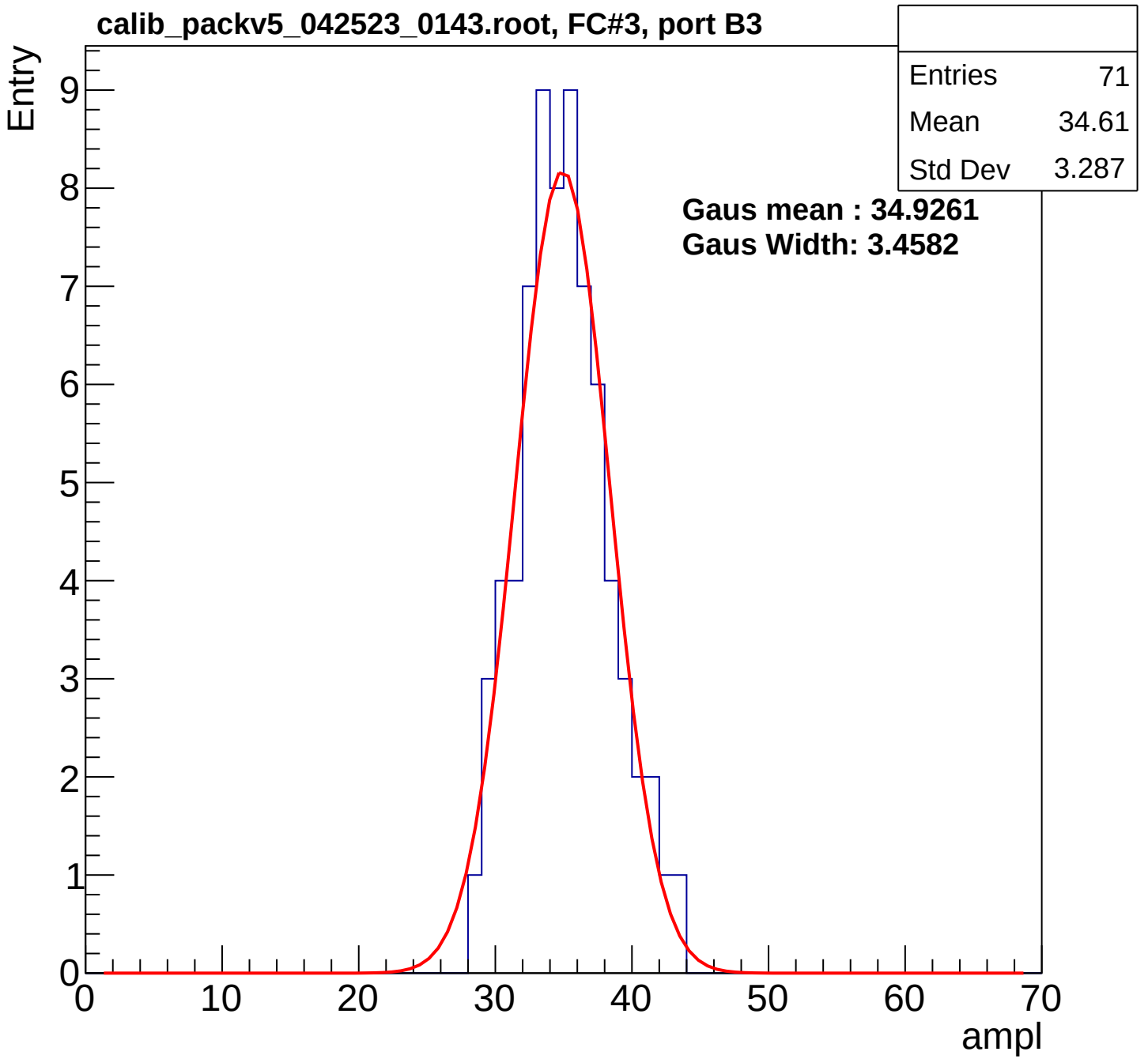

B1L000S, U21-ch40, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 52.31
Std Dev 3.269
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

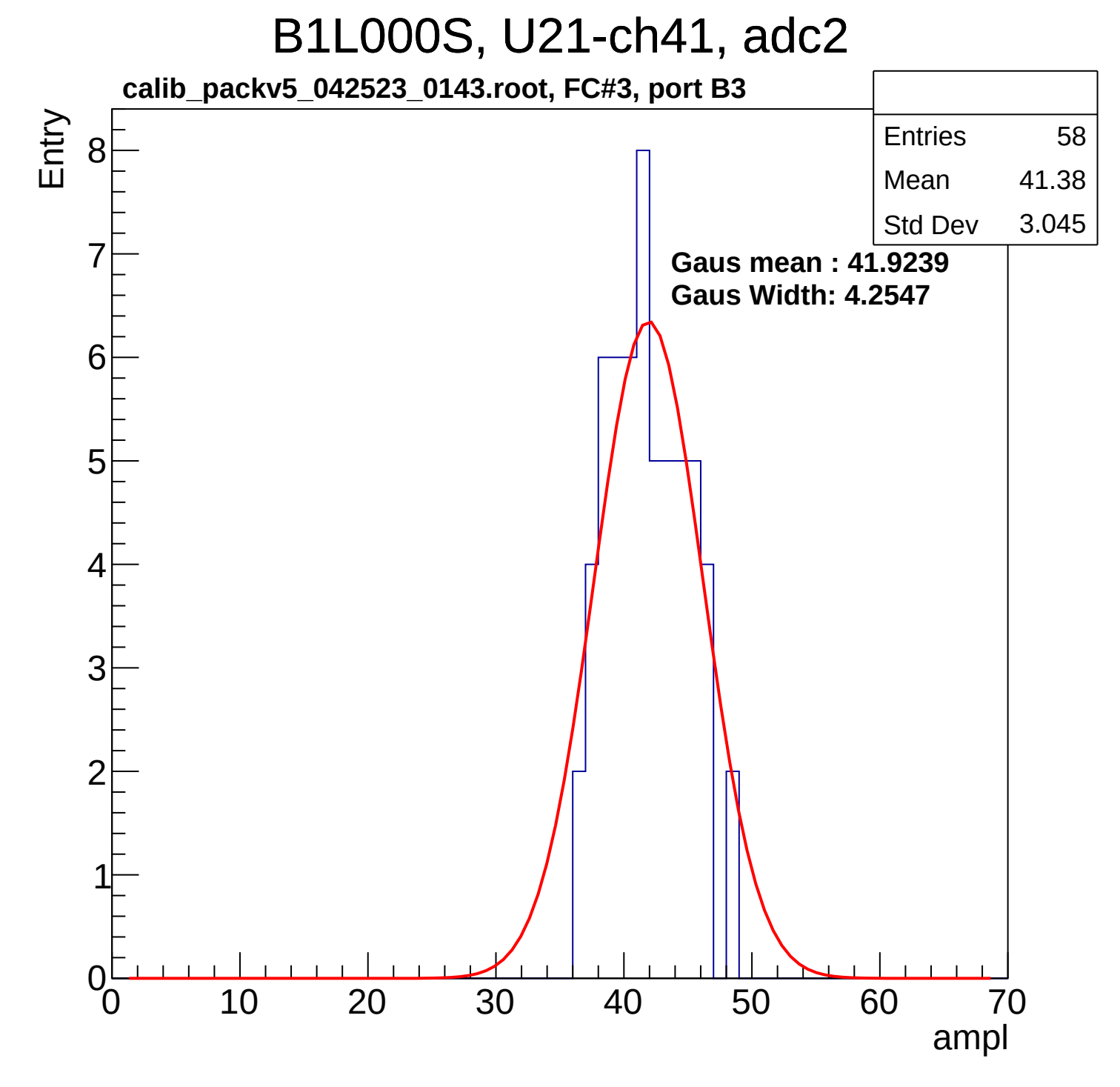

B1L000S, U21-ch40, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 57.41
Std Dev 3.325
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

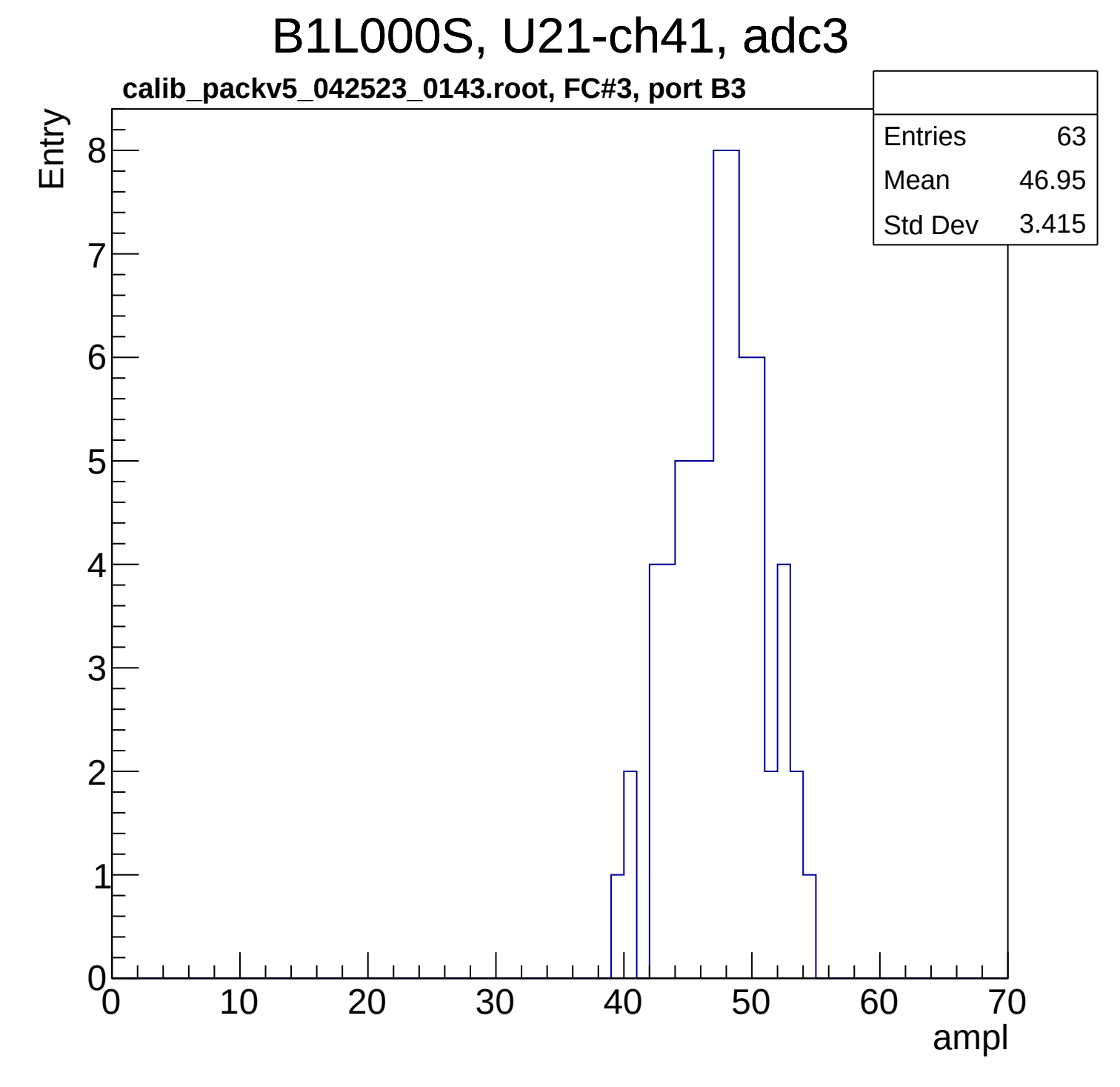

B1L000S, U21-ch40, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 32
Mean 59.12
Std Dev 10.73
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

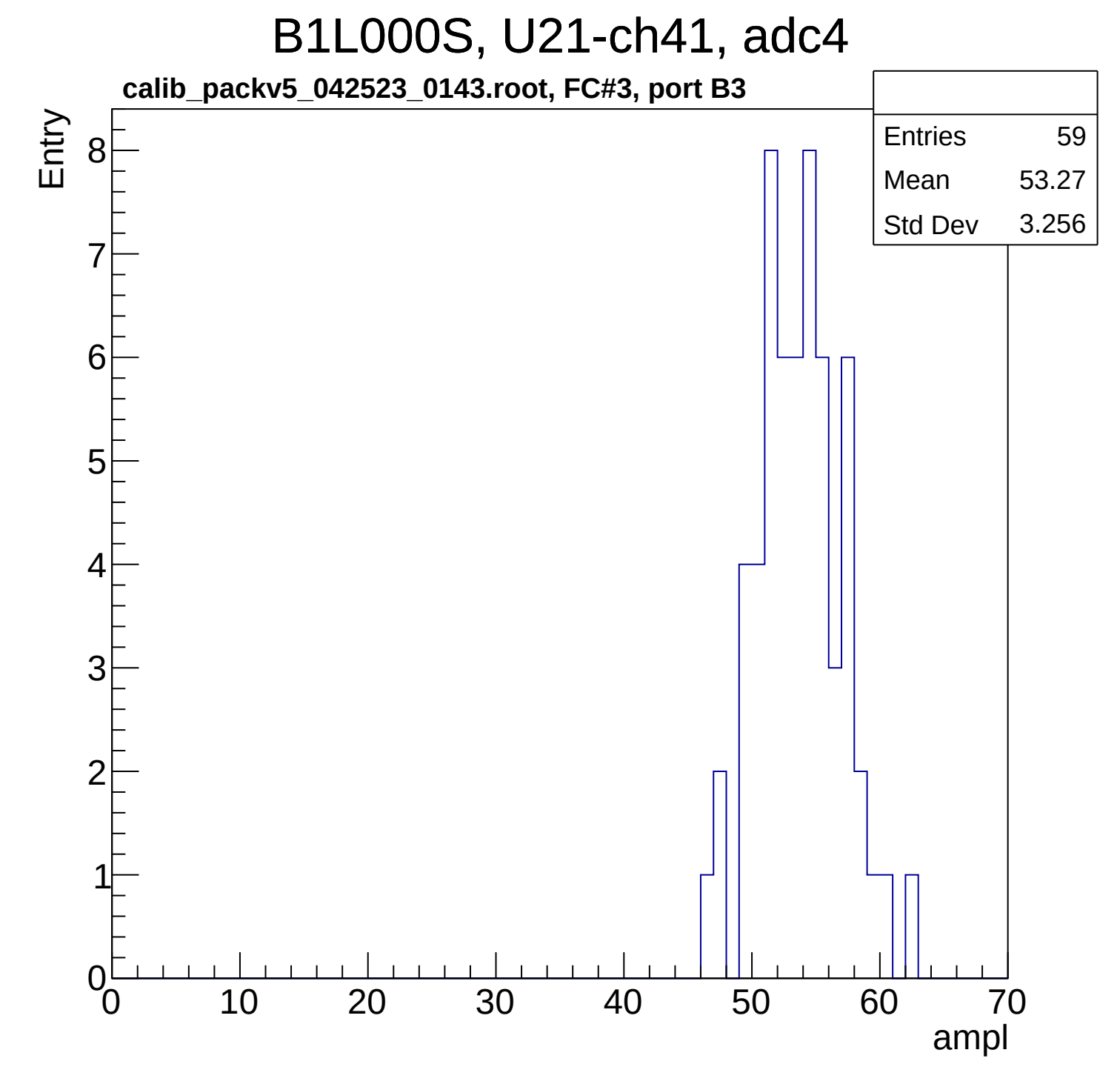

B1L000S, U21-ch40, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 61
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

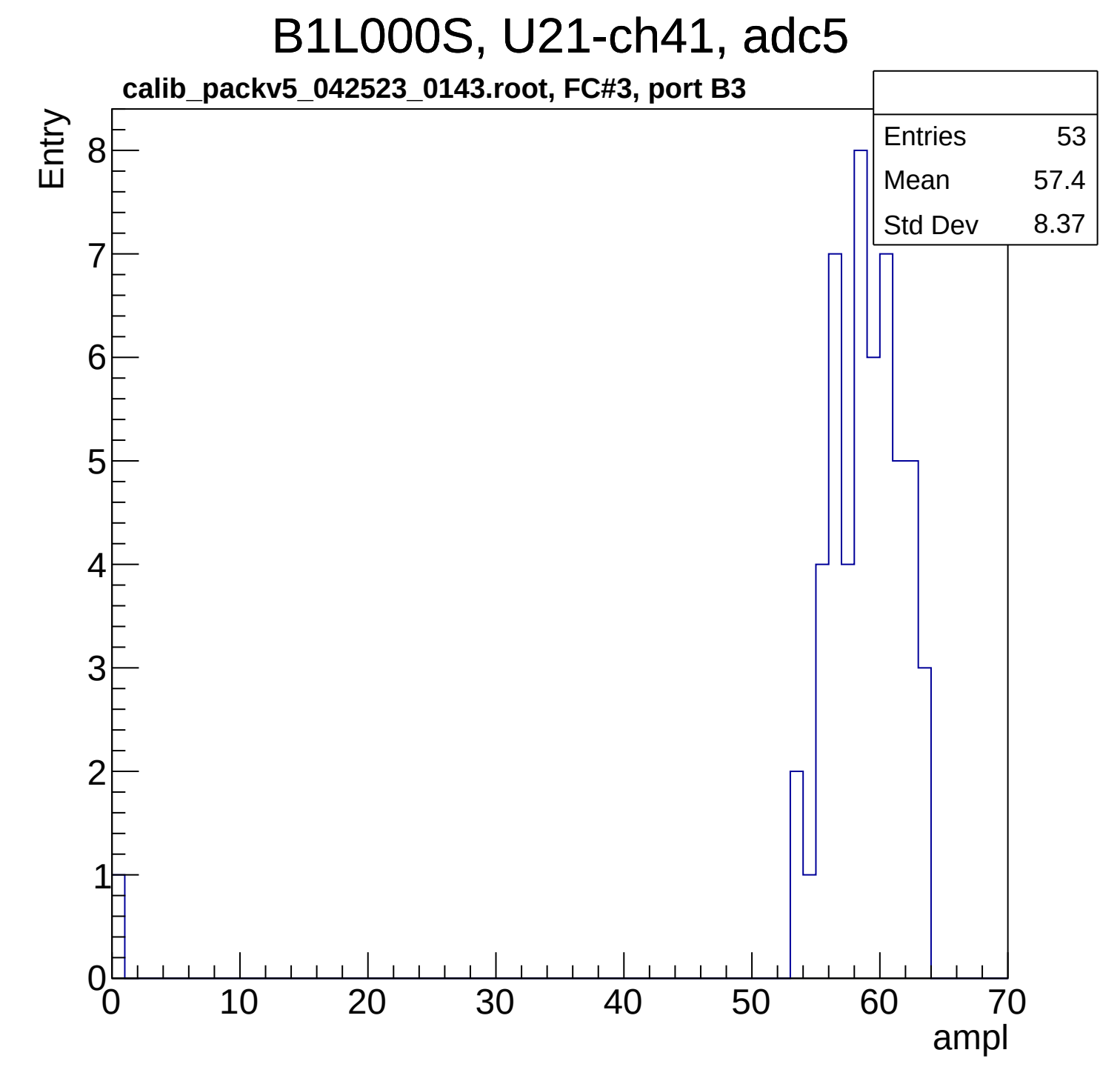

B1L000S, U21-ch41, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 28
Std Dev 4.72
Gaus mean : 28.6167
Gaus Width: 2.9061
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

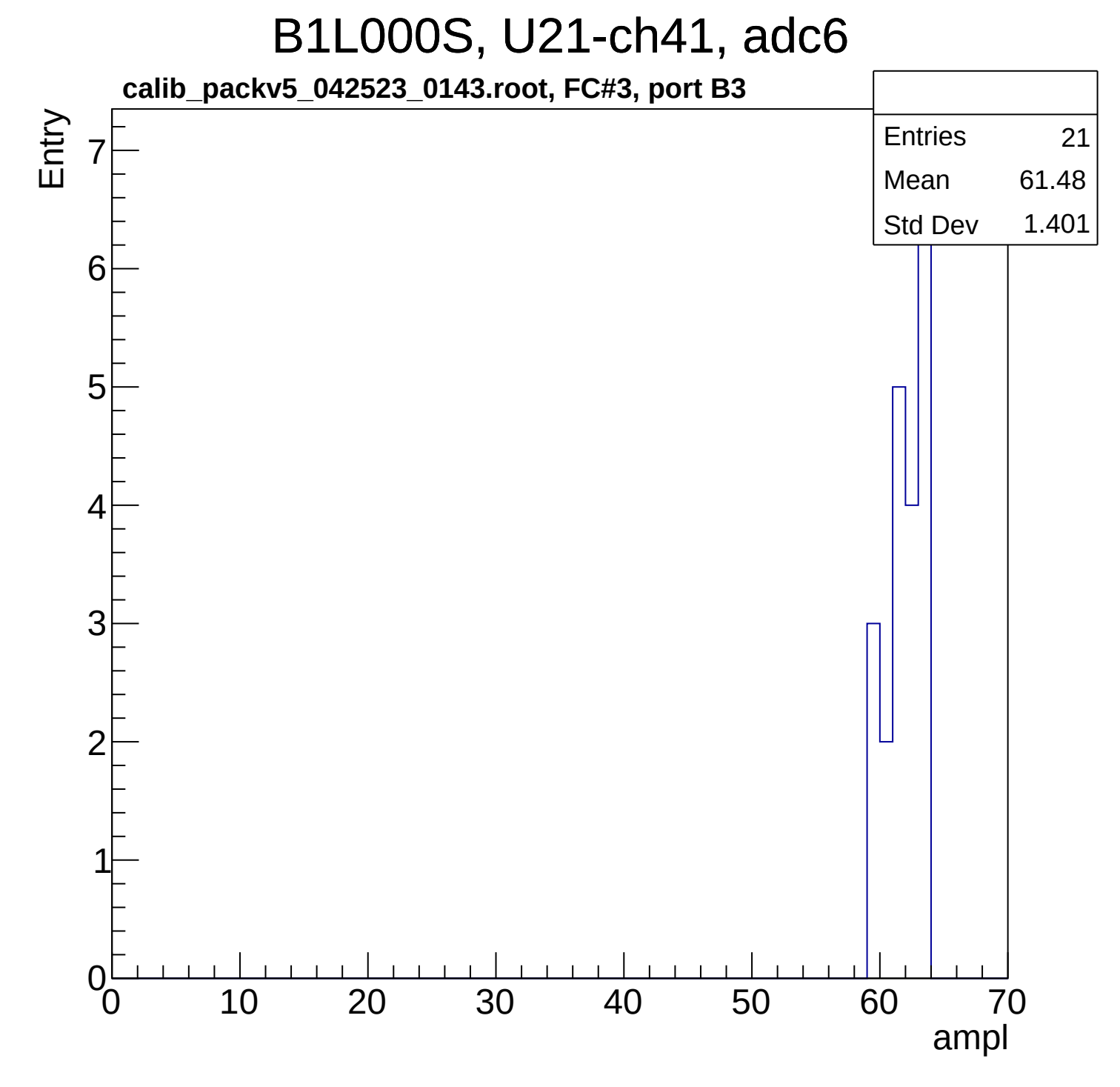

B1L000S, U21-ch41, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 34.61
Std Dev 3.287
Gaus mean : 34.9261
Gaus Width: 3.4582
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

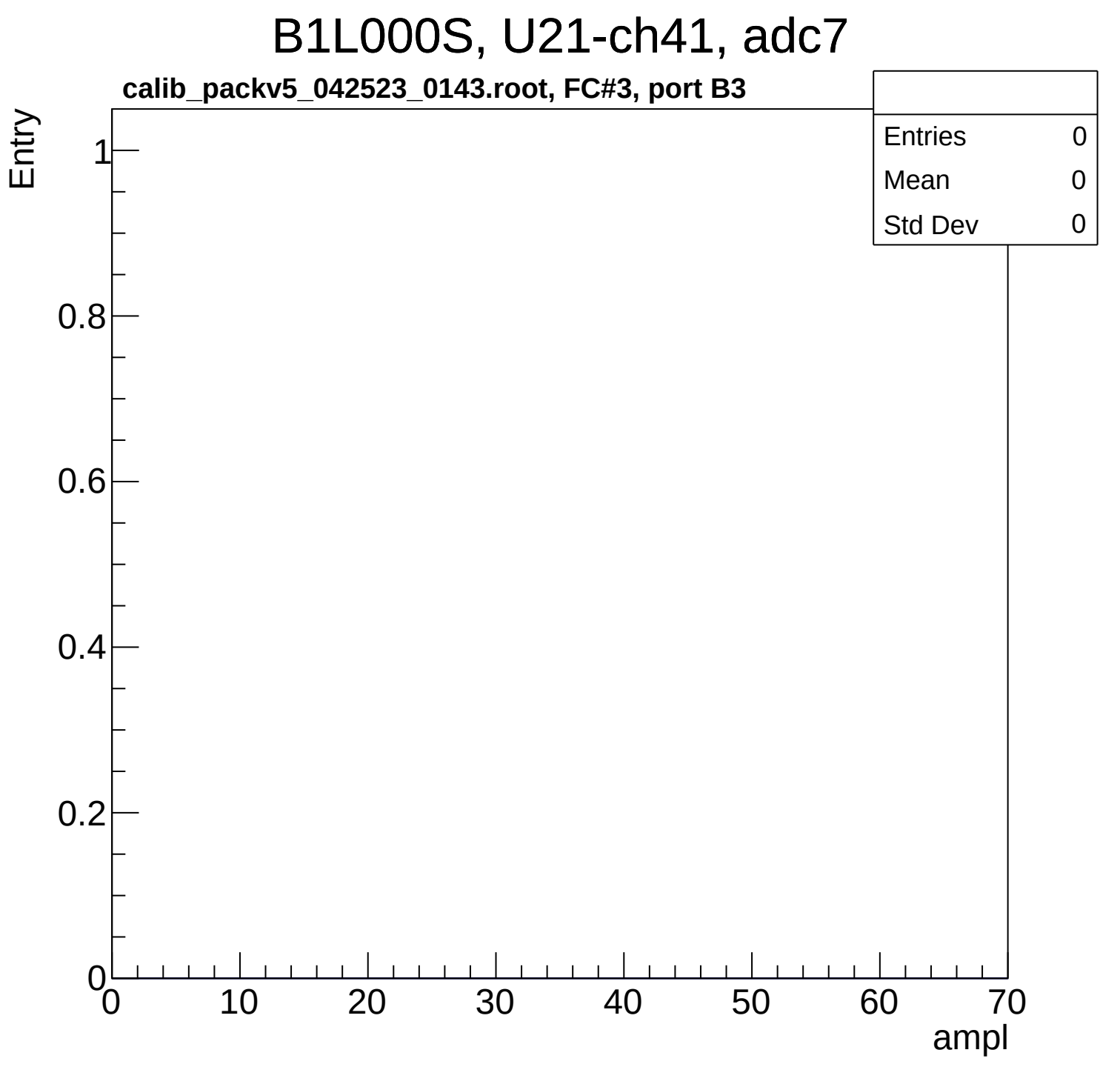

B1L000S, U21-ch41, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 41.38
Std Dev 3.045
Gaus mean : 41.9239
Gaus Width: 4.2547
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

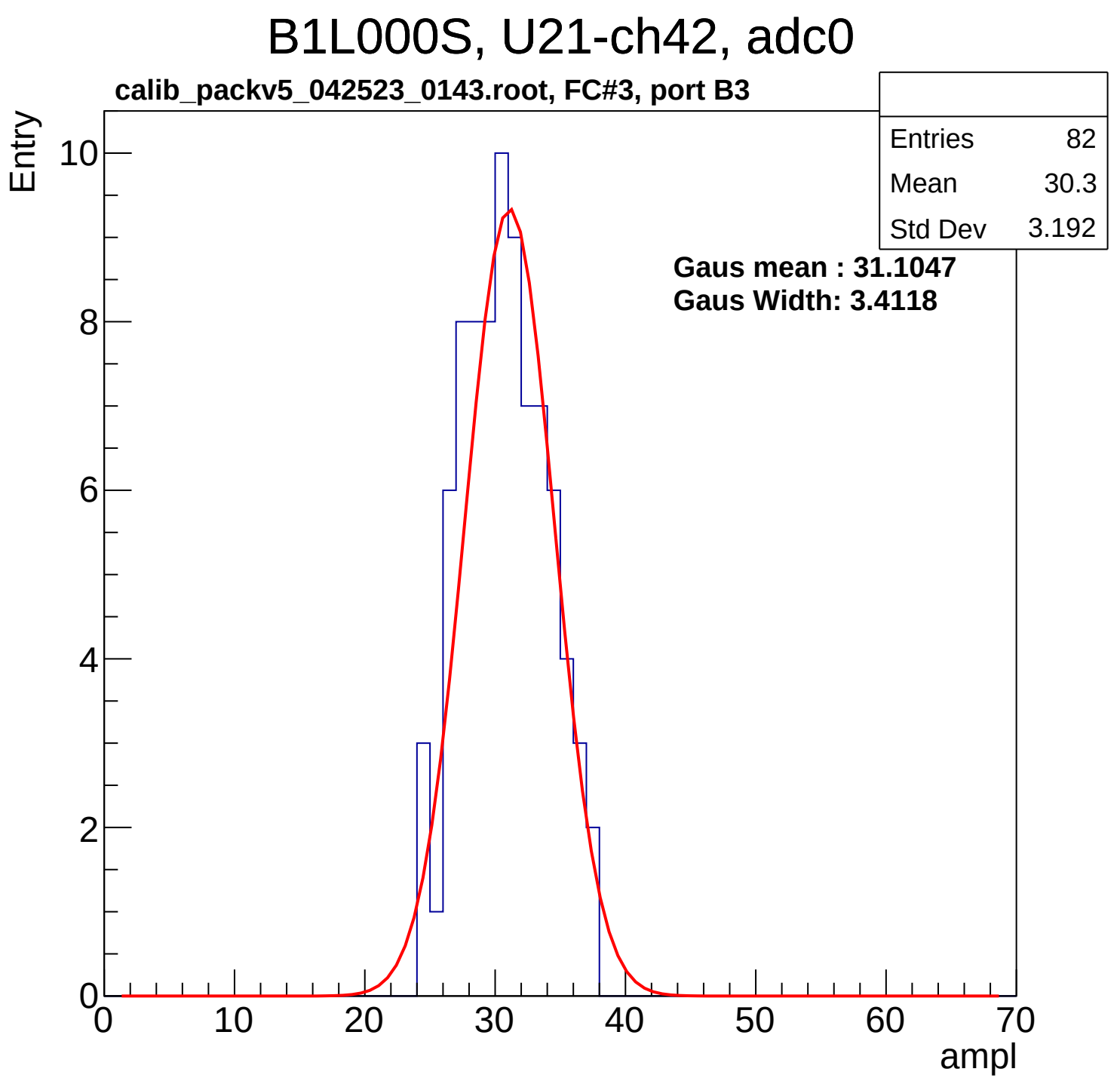

B1L000S, U21-ch41, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 46.95
Std Dev 3.415
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

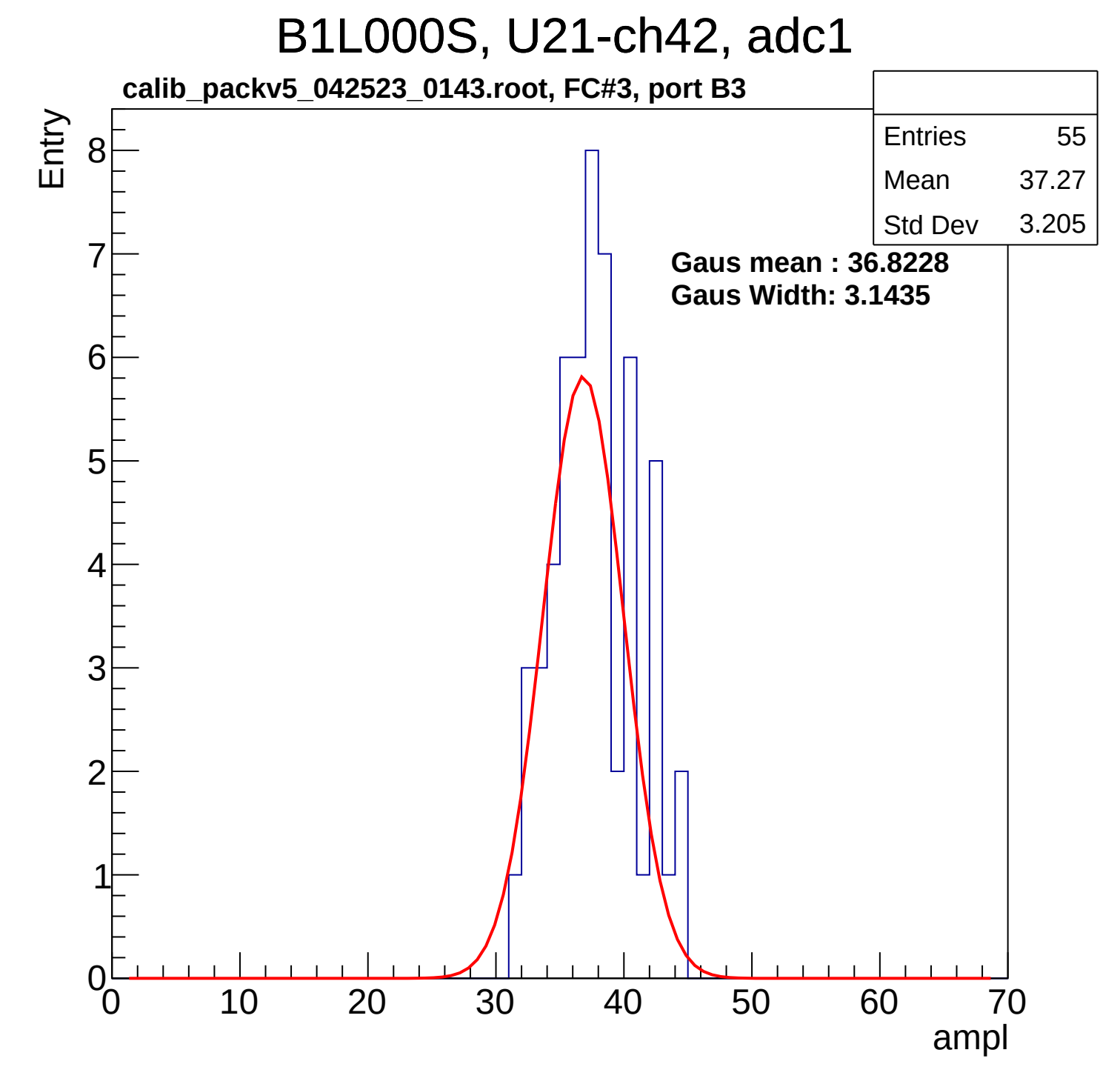

B1L000S, U21-ch41, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 53.27
Std Dev 3.256
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

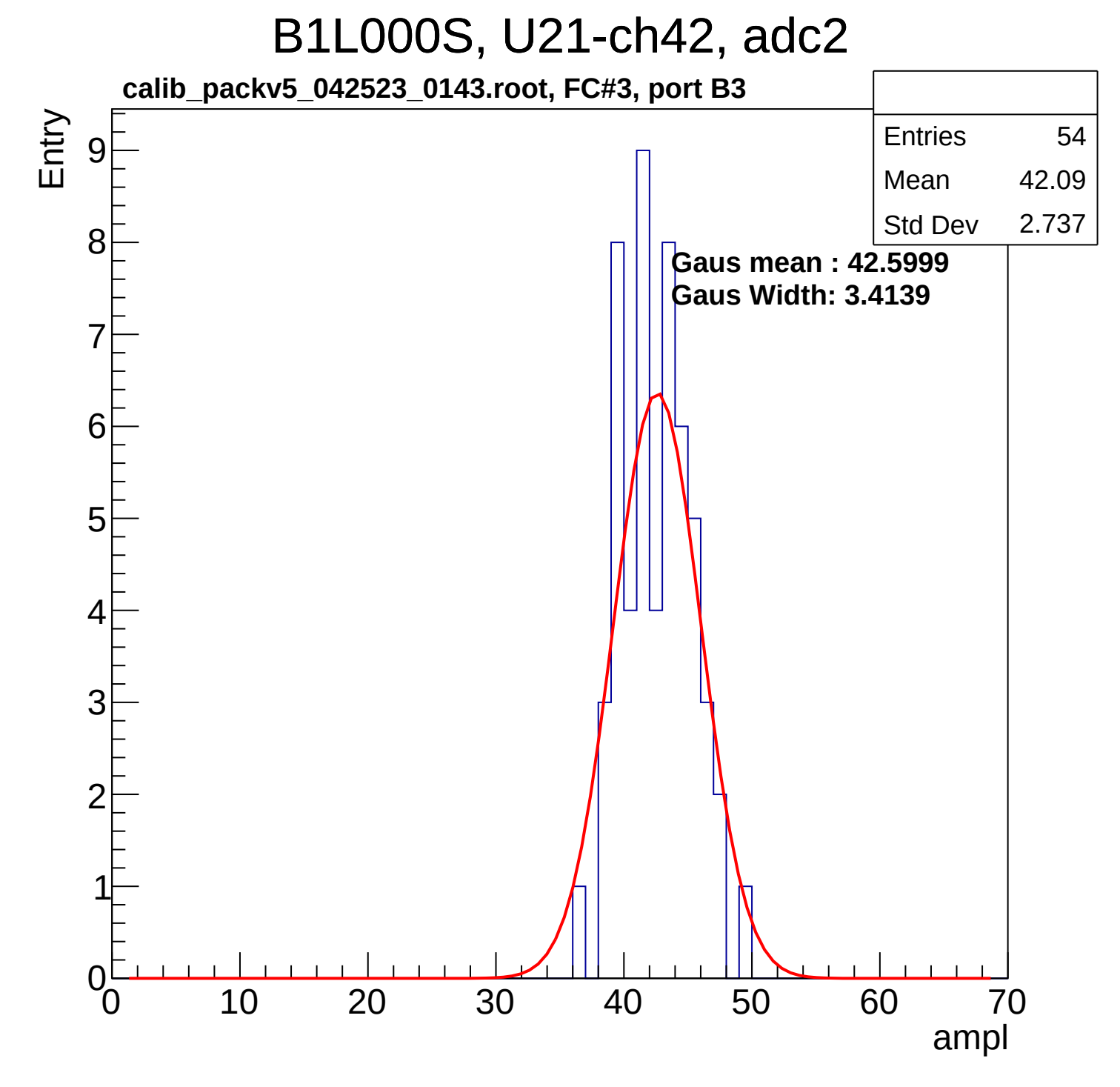

B1L000S, U21-ch41, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 57.4
Std Dev 8.37
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

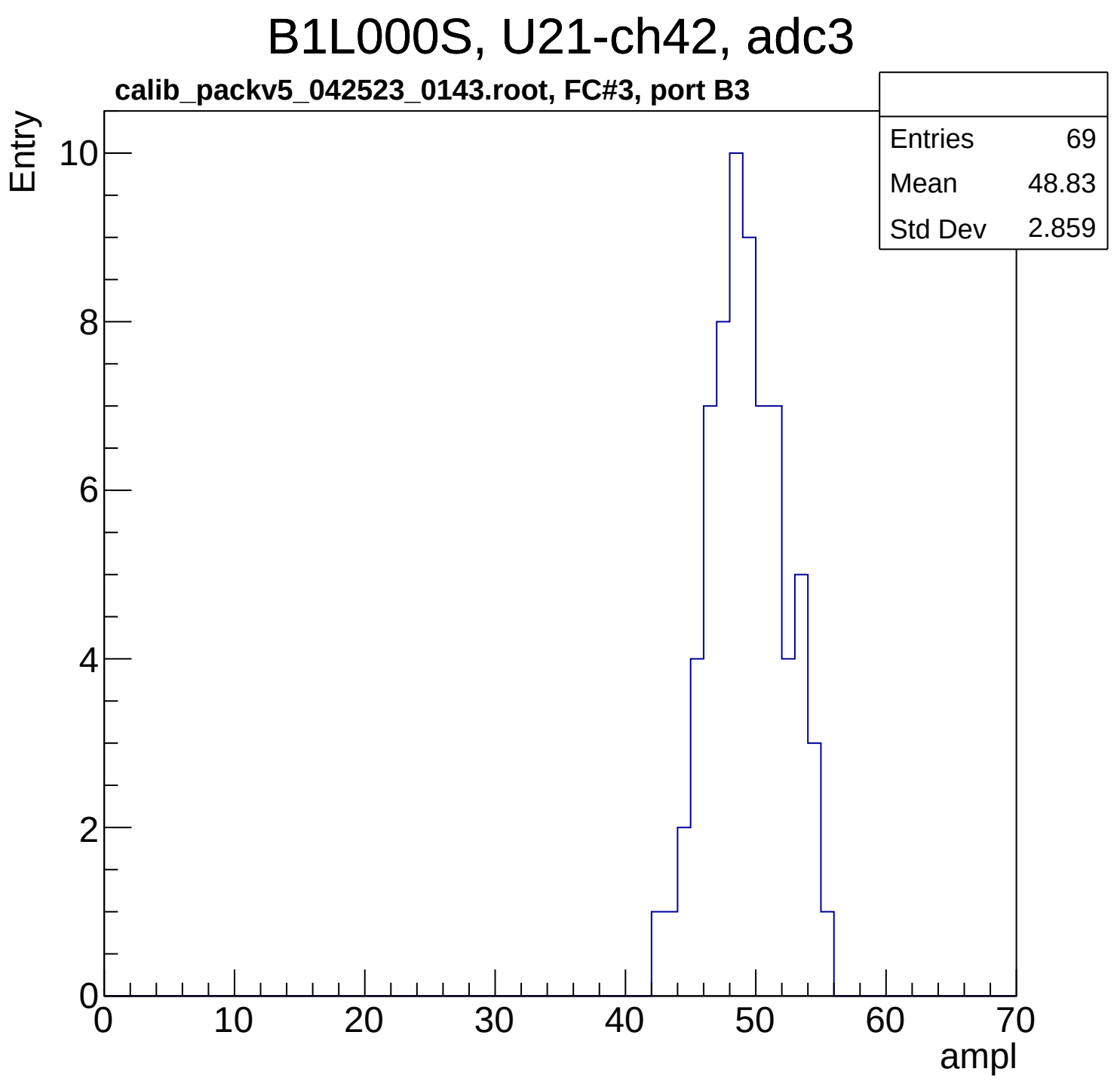

B1L000S, U21-ch41, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 21
Mean 61.48
Std Dev 1.401
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

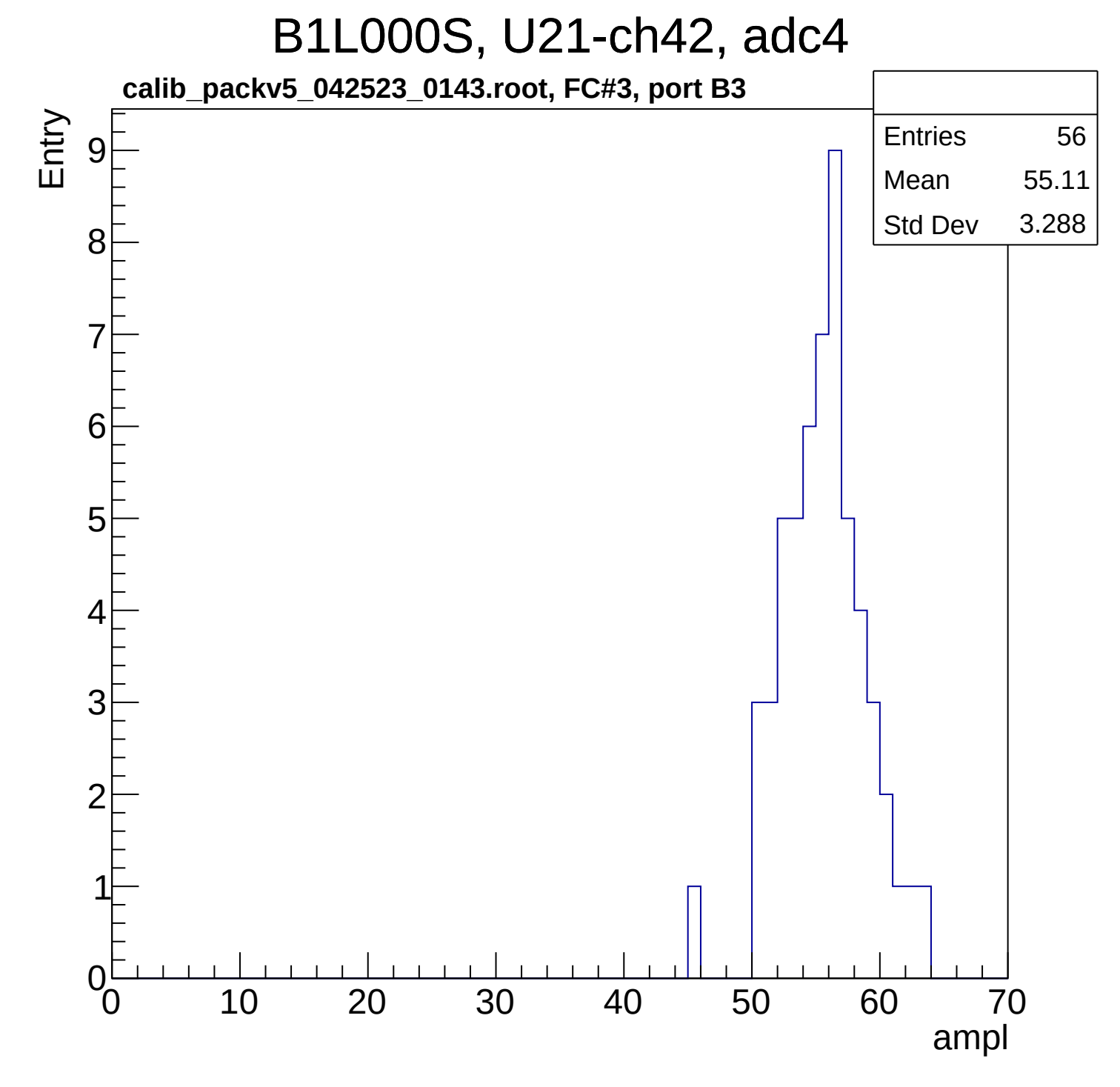

B1L000S, U21-ch41, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

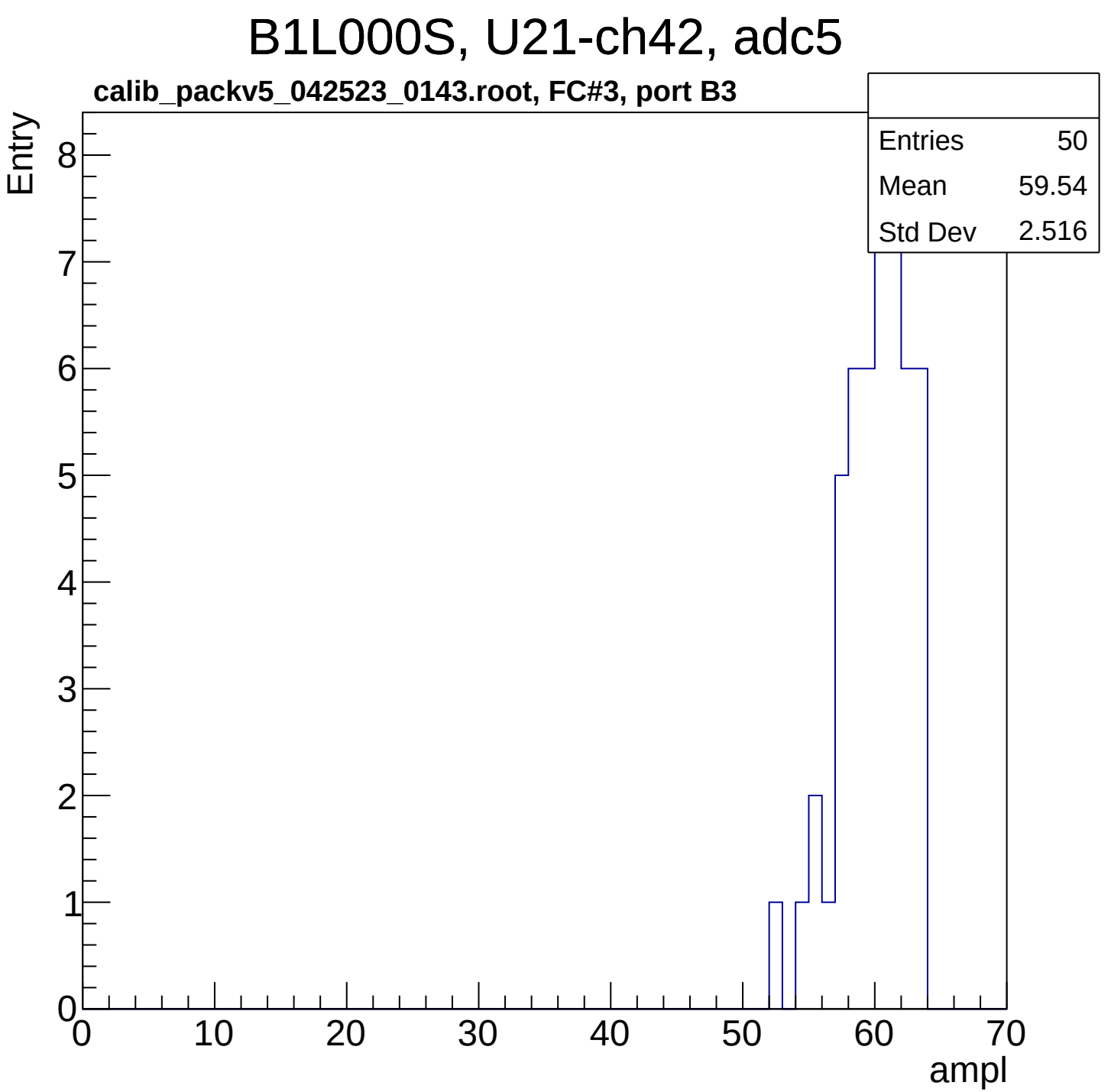

B1L000S, U21-ch42, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 82
Mean 30.3
Std Dev 3.192
Gaus mean : 31.1047
Gaus Width: 3.4118
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

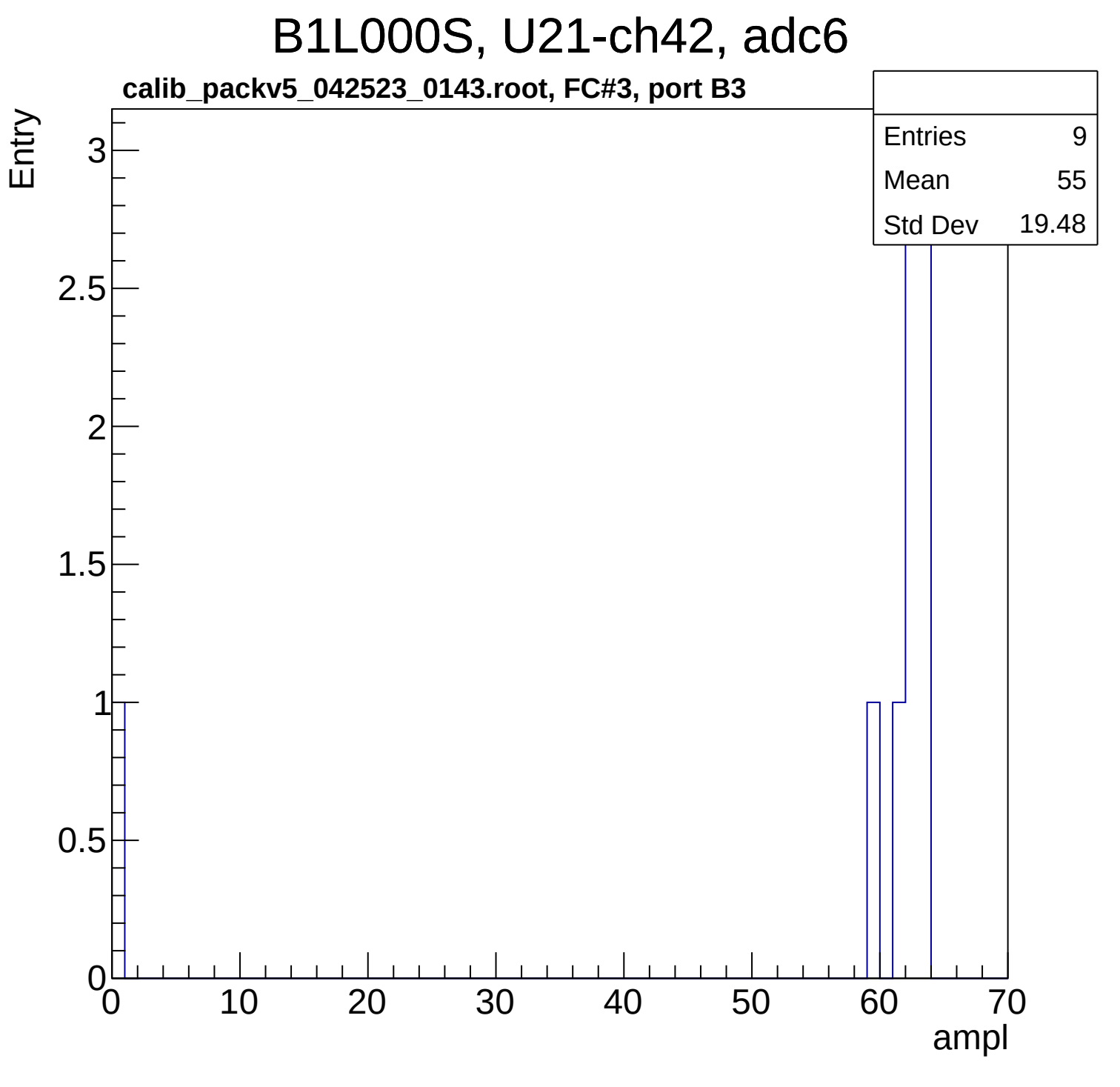

B1L000S, U21-ch42, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 37.27
Std Dev 3.205
Gaus mean : 36.8228
Gaus Width: 3.1435
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

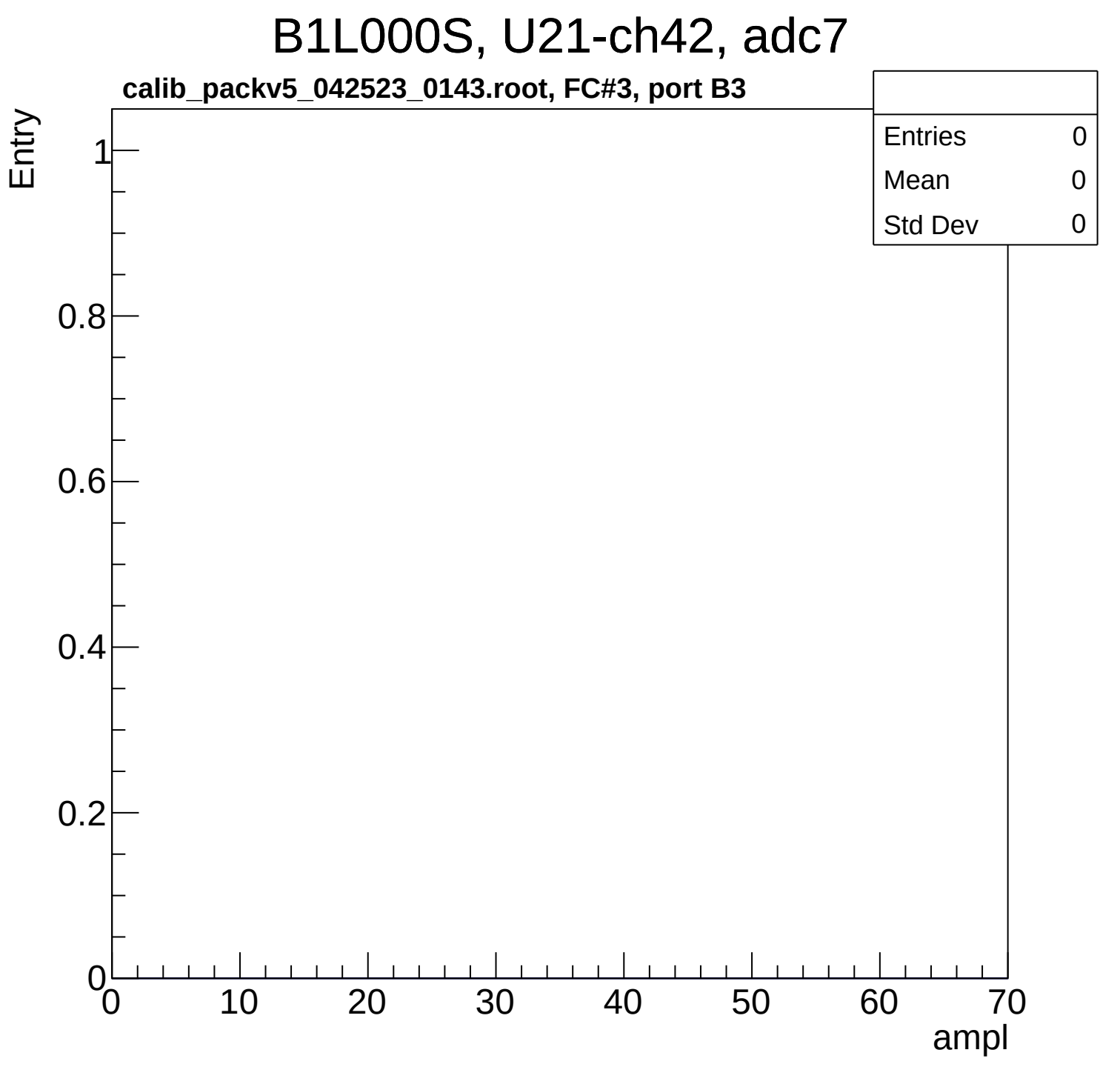

B1L000S, U21-ch42, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 42.09
Std Dev 2.737
Gaus mean : 42.5999
Gaus Width: 3.4139
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

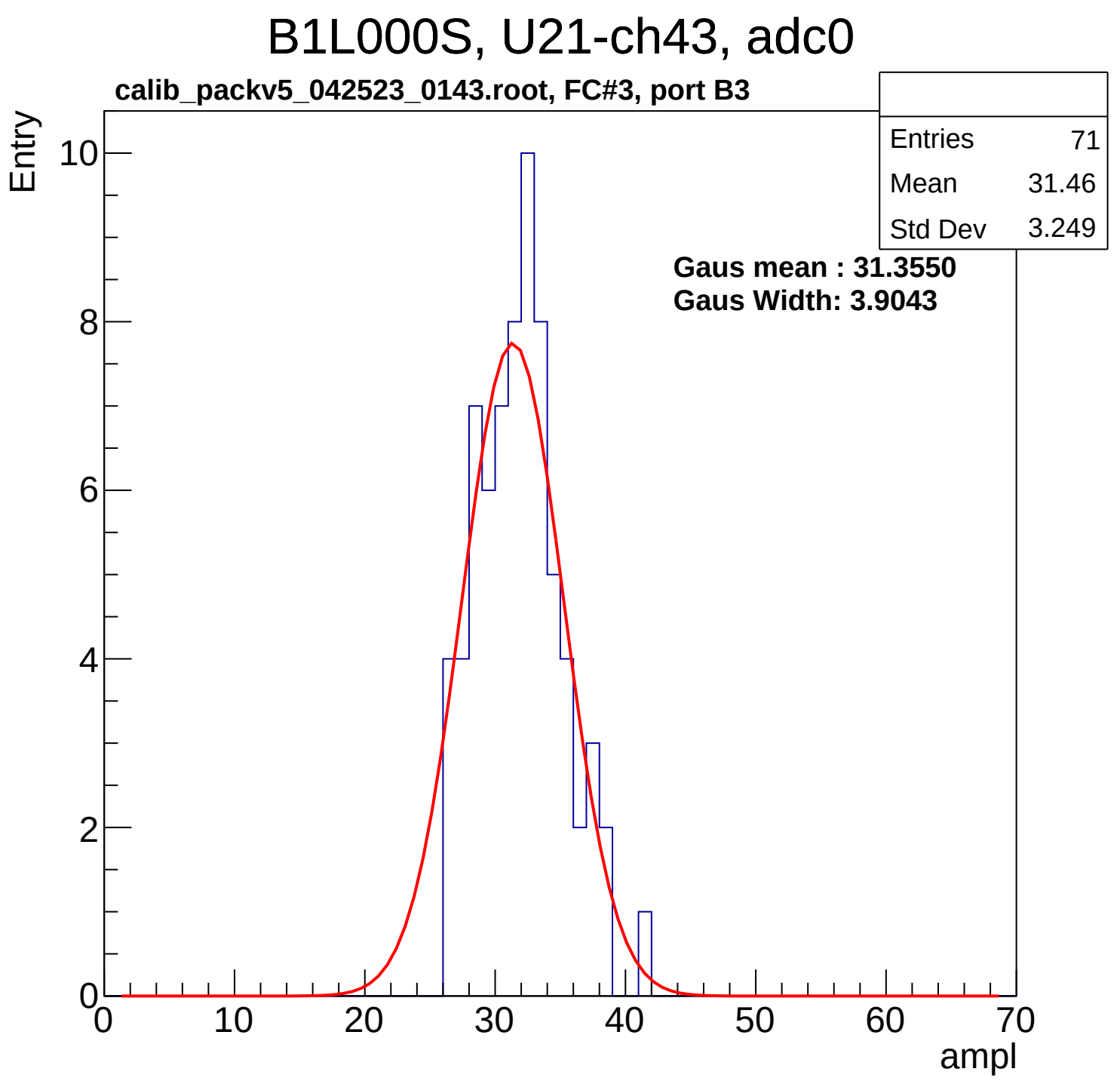

B1L000S, U21-ch42, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 48.83
Std Dev 2.859
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

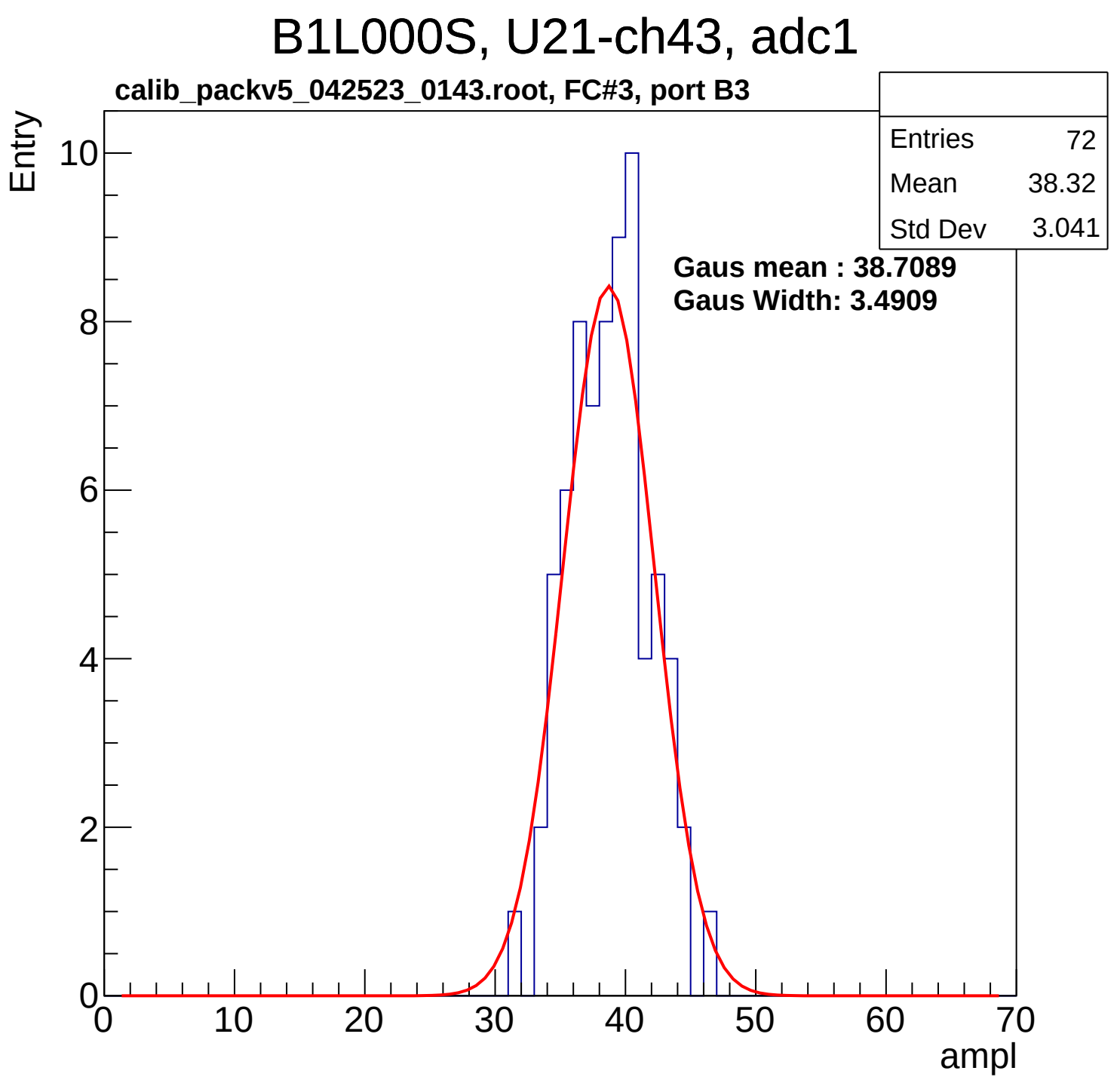

B1L000S, U21-ch42, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 55.11
Std Dev 3.288
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

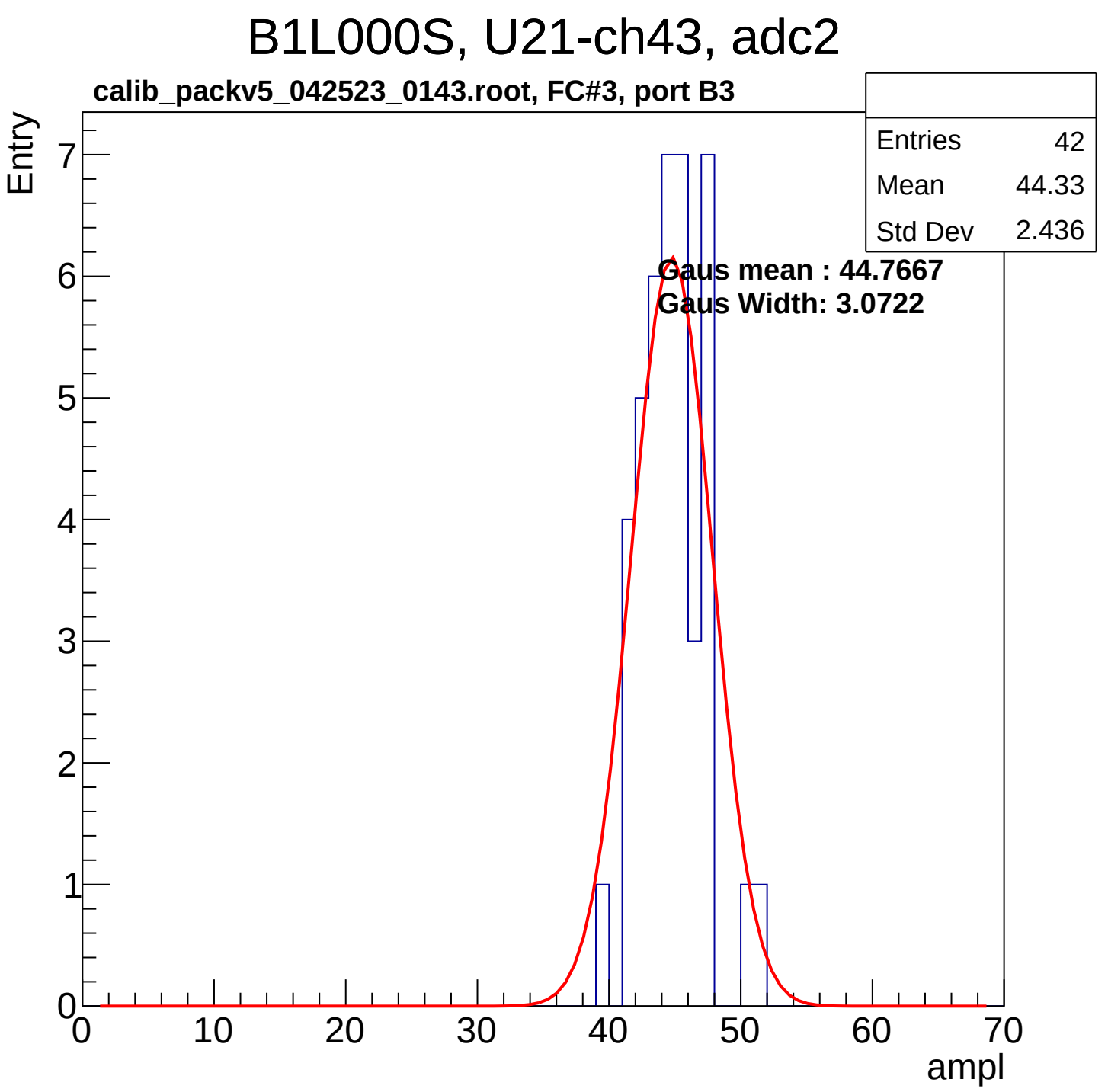

B1L000S, U21-ch42, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 59.54
Std Dev 2.516
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

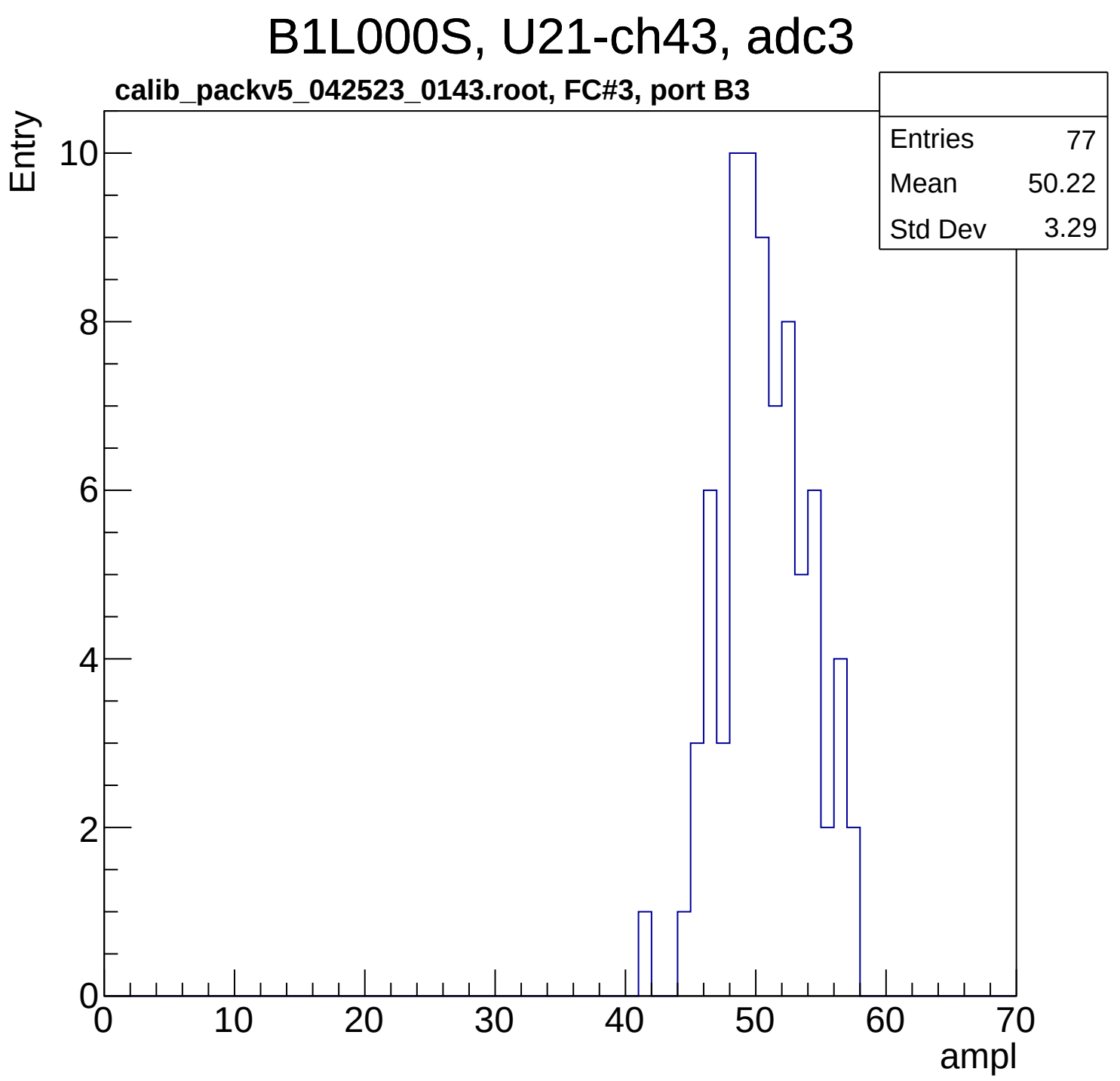

B1L000S, U21-ch42, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 55
Std Dev 19.48
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

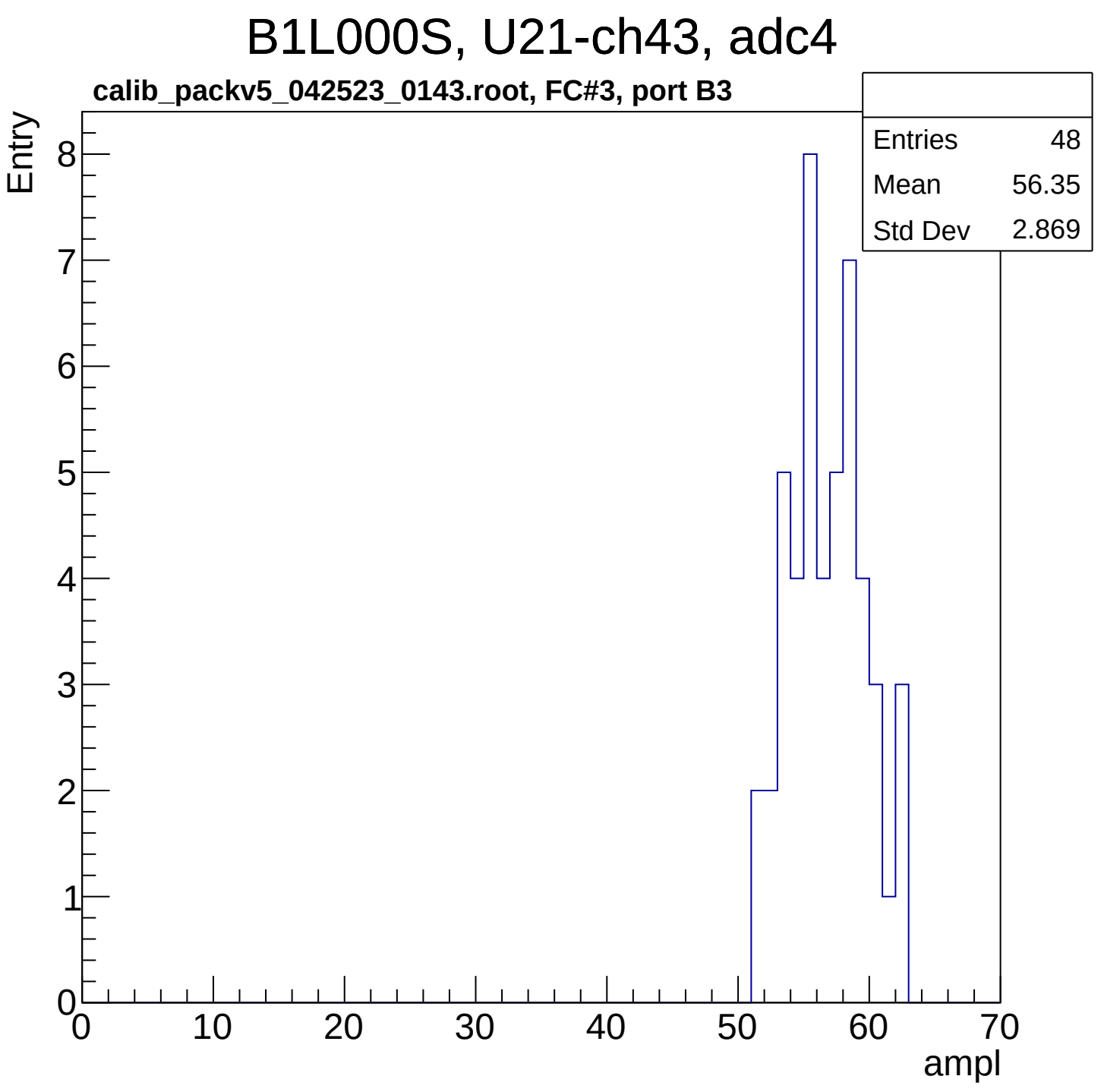

B1L000S, U21-ch42, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

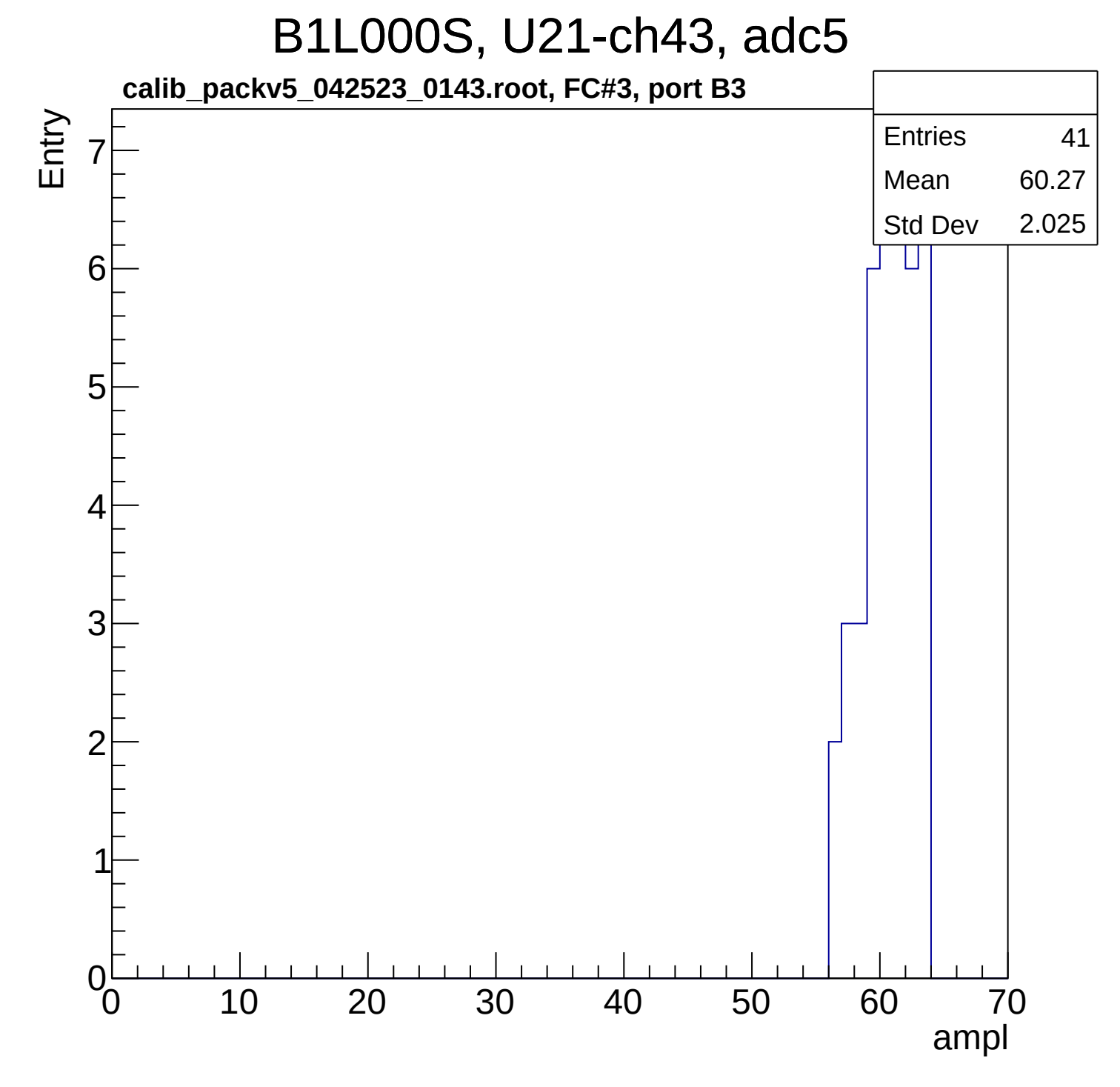

B1L000S, U21-ch43, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 31.46
Std Dev 3.249
Gaus mean : 31.3550
Gaus Width: 3.9043
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

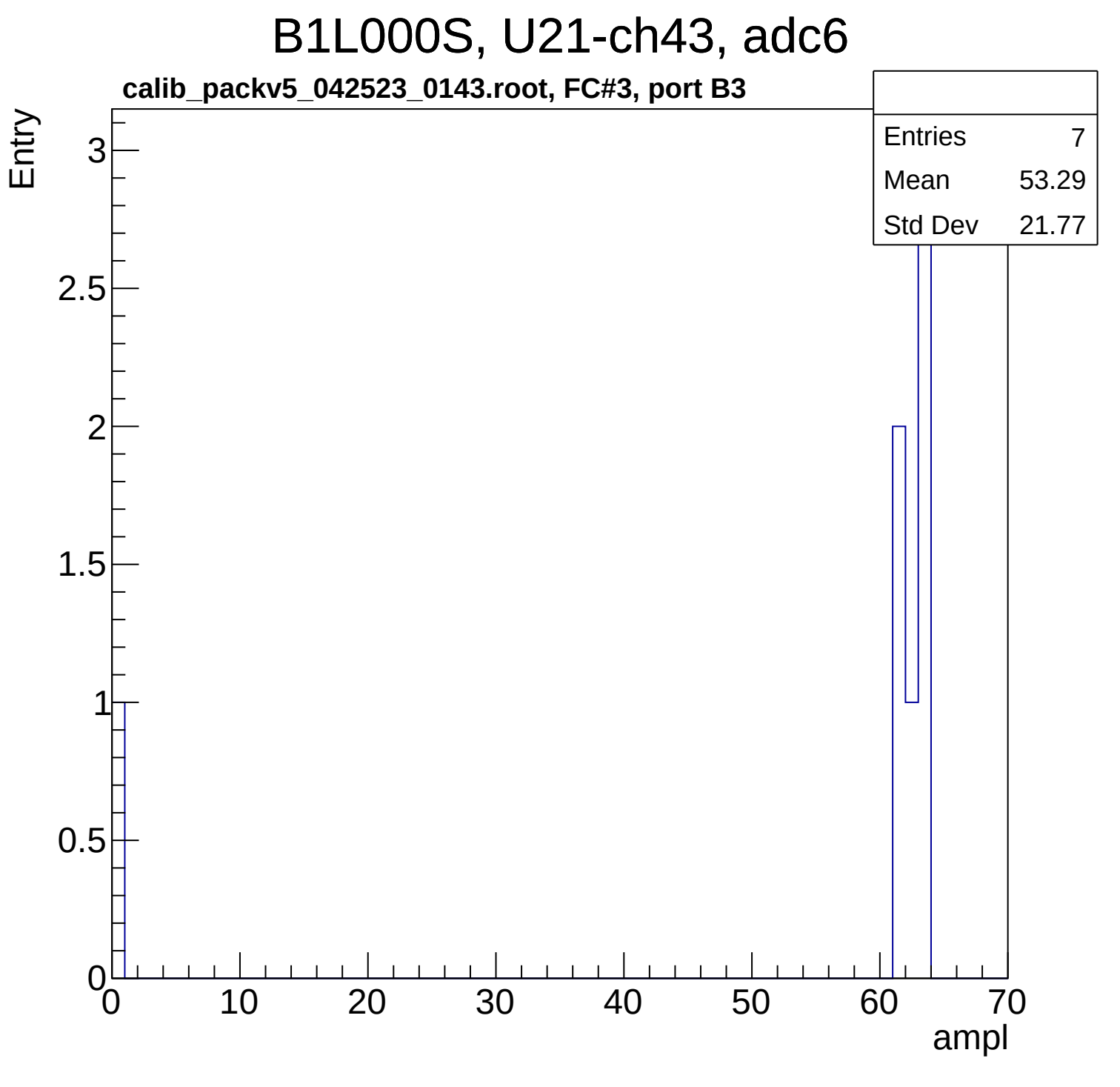

B1L000S, U21-ch43, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 38.32
Std Dev 3.041
Gaus mean : 38.7089
Gaus Width: 3.4909
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

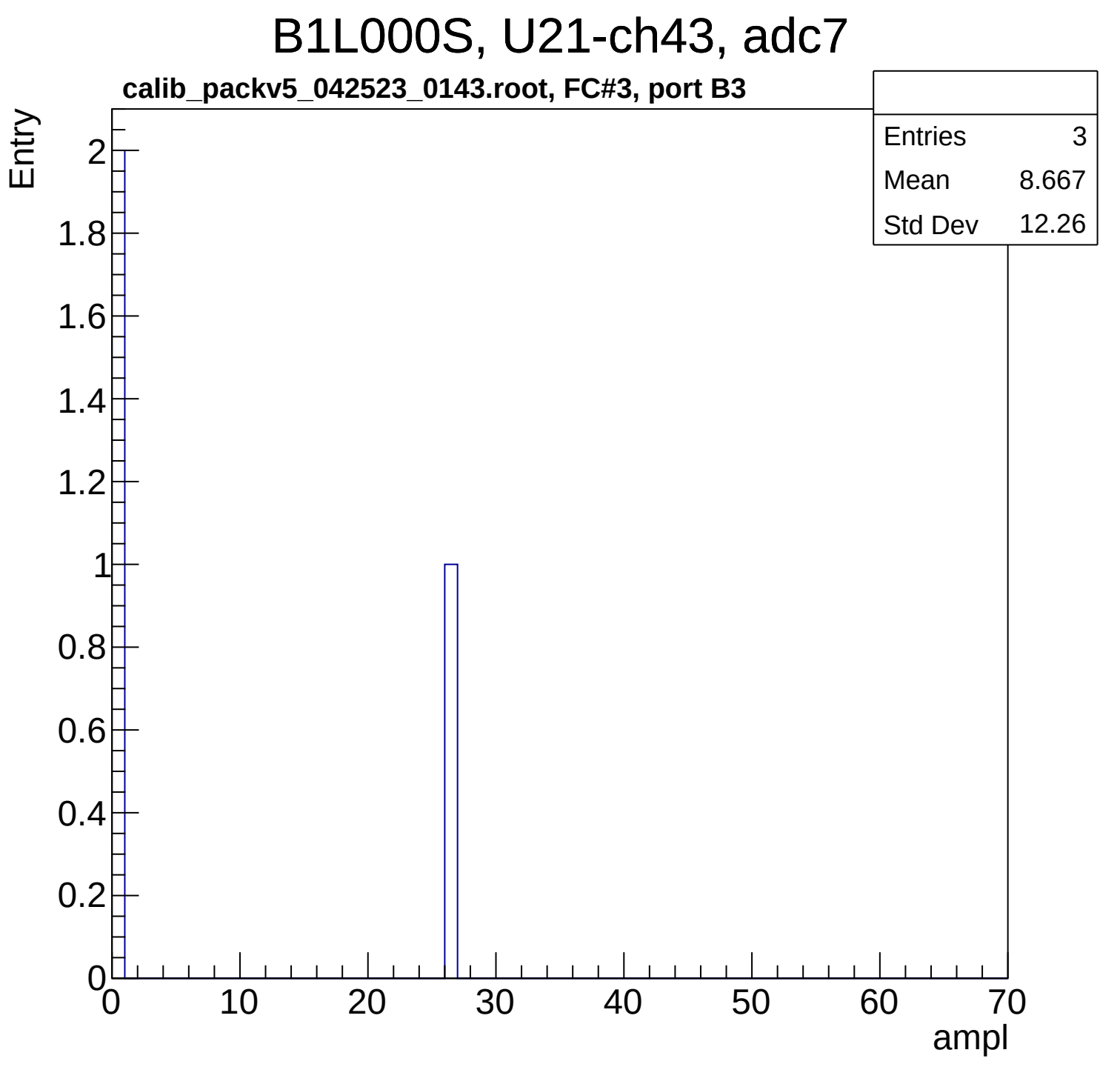

B1L000S, U21-ch43, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 44.33
Std Dev 2.436
Gaus mean : 44.7667
Gaus Width: 3.0722
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

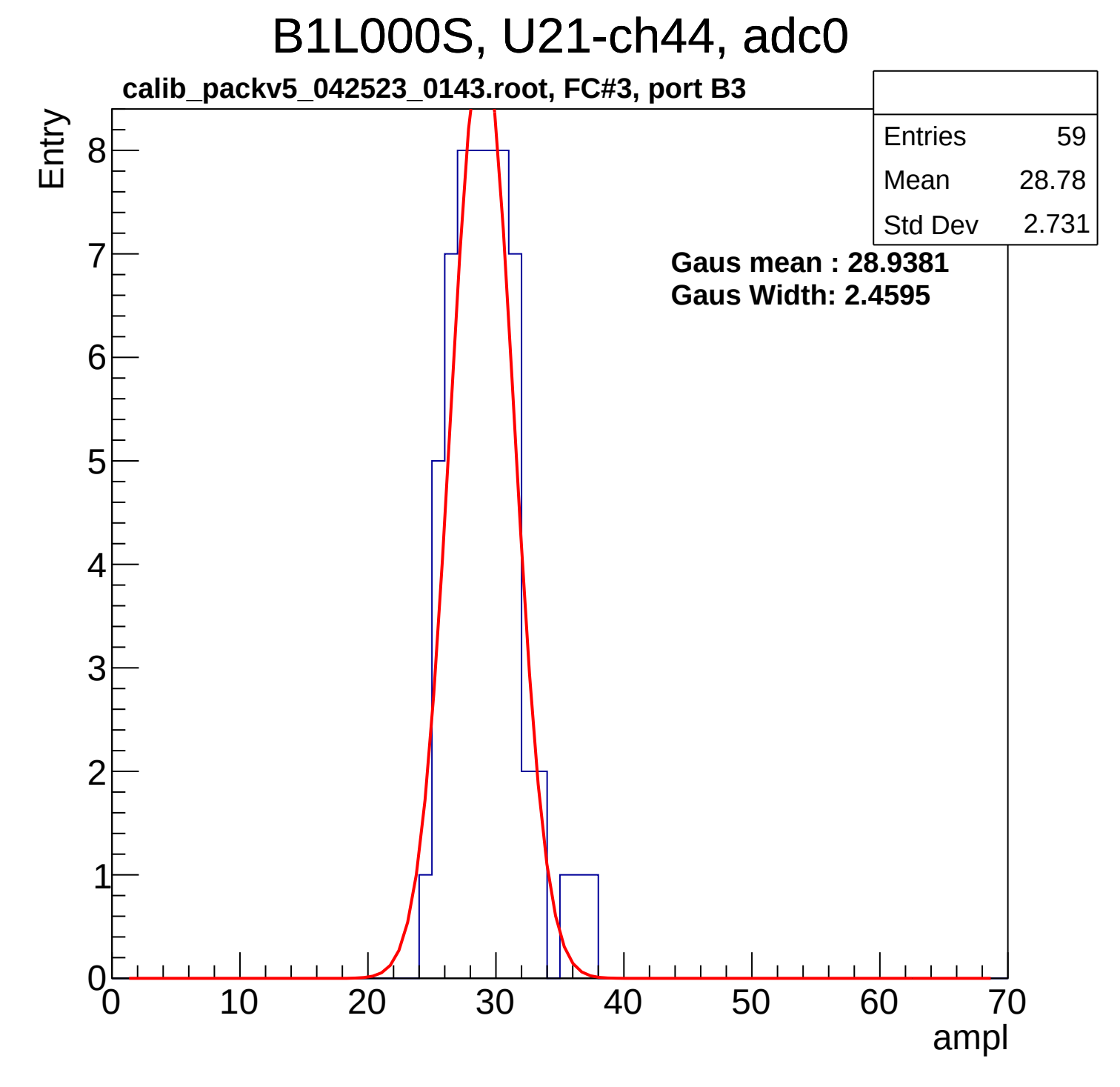

B1L000S, U21-ch43, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 50.22
Std Dev 3.29
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

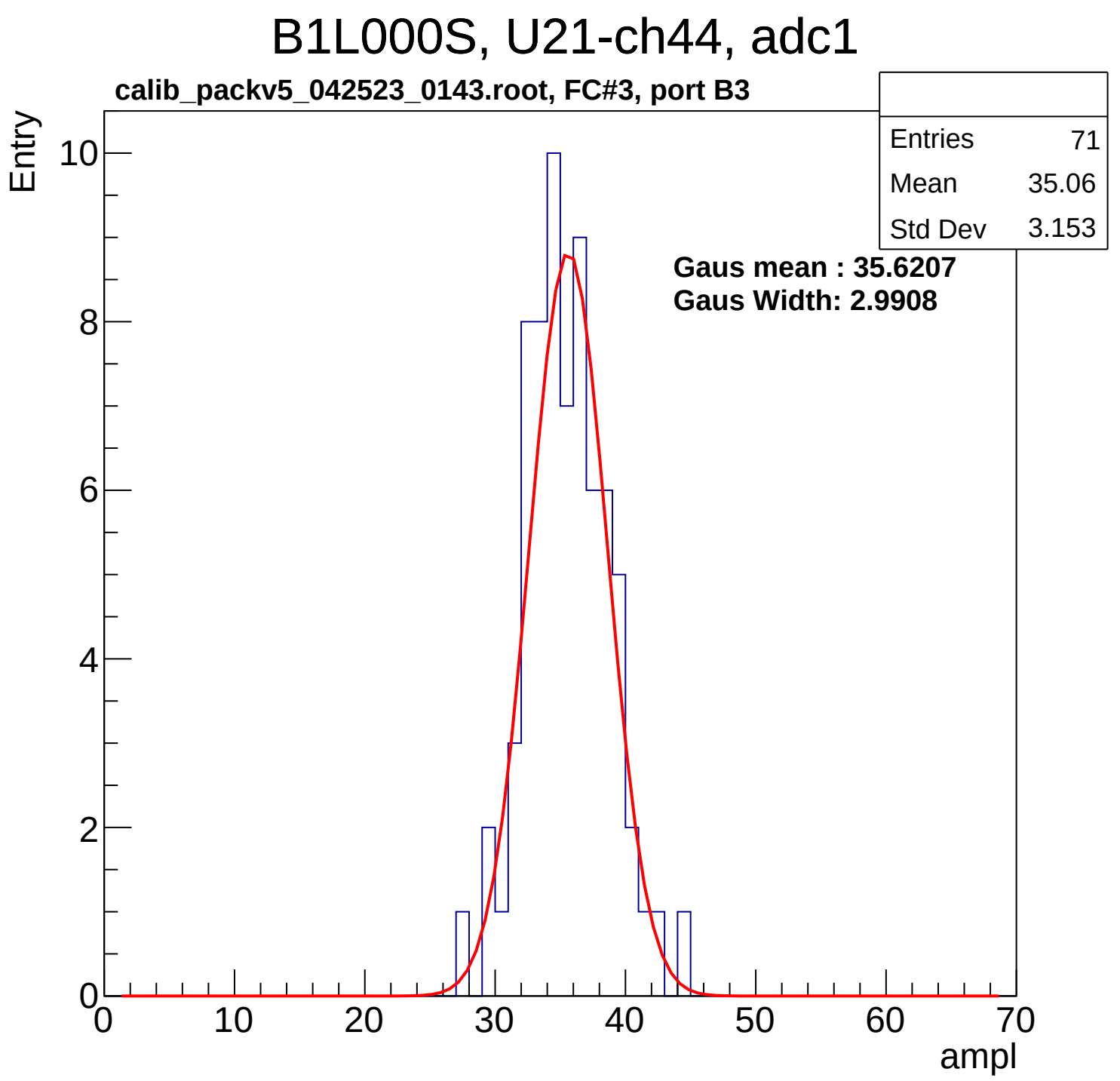

B1L000S, U21-ch43, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 56.35
Std Dev 2.869
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

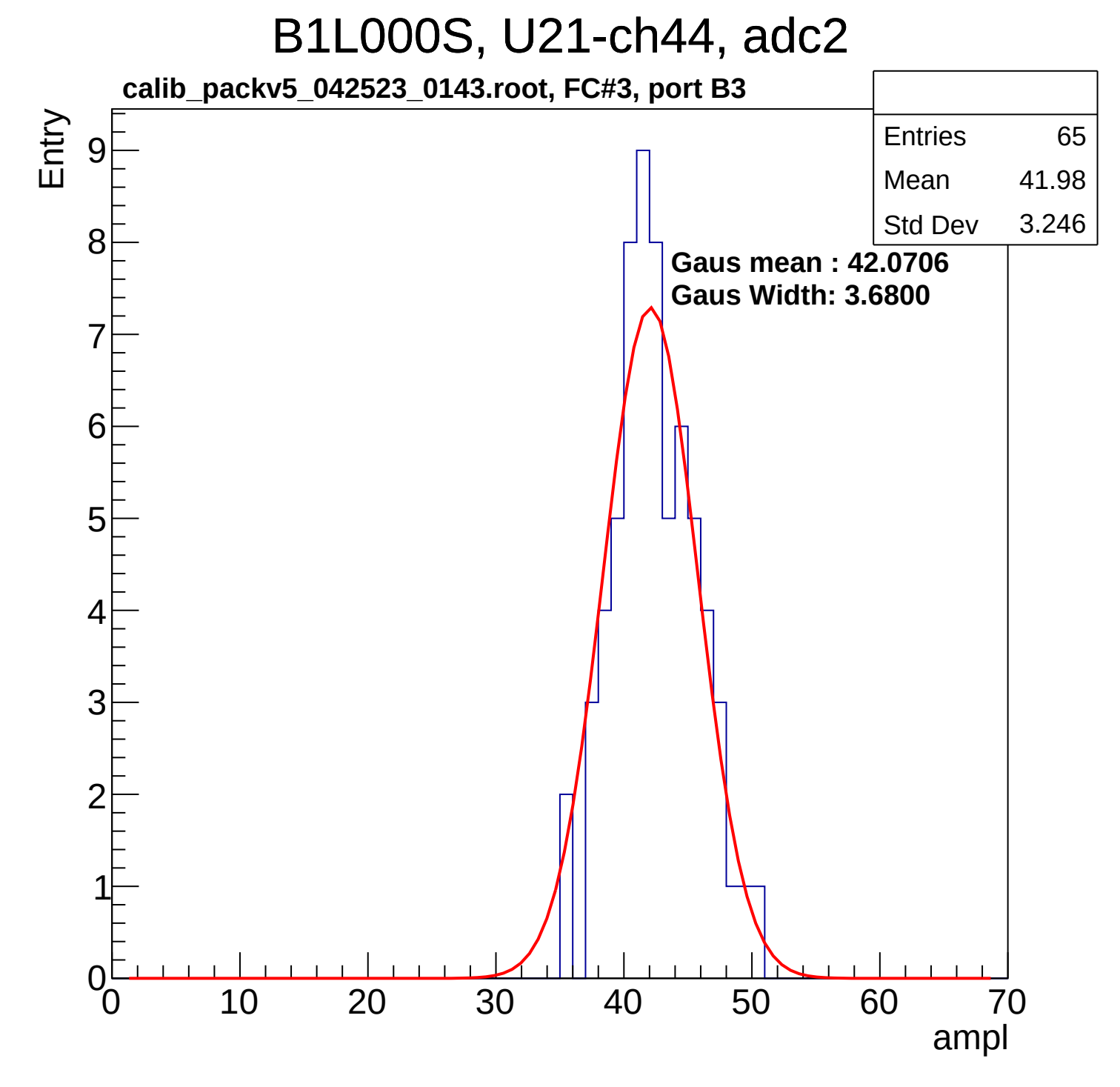

B1L000S, U21-ch43, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 41
Mean 60.27
Std Dev 2.025
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

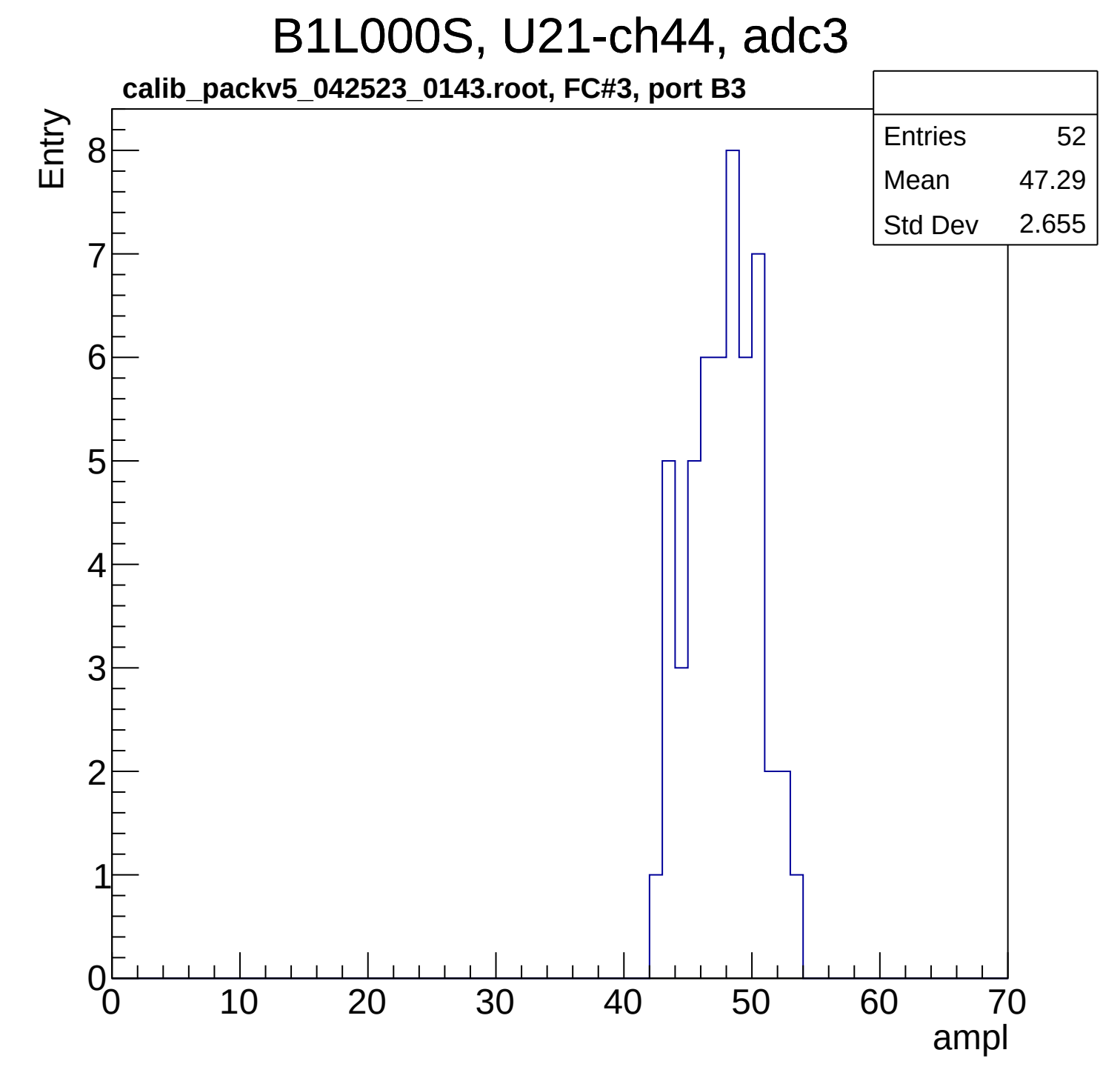

B1L000S, U21-ch43, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 7
Mean 53.29
Std Dev 21.77
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

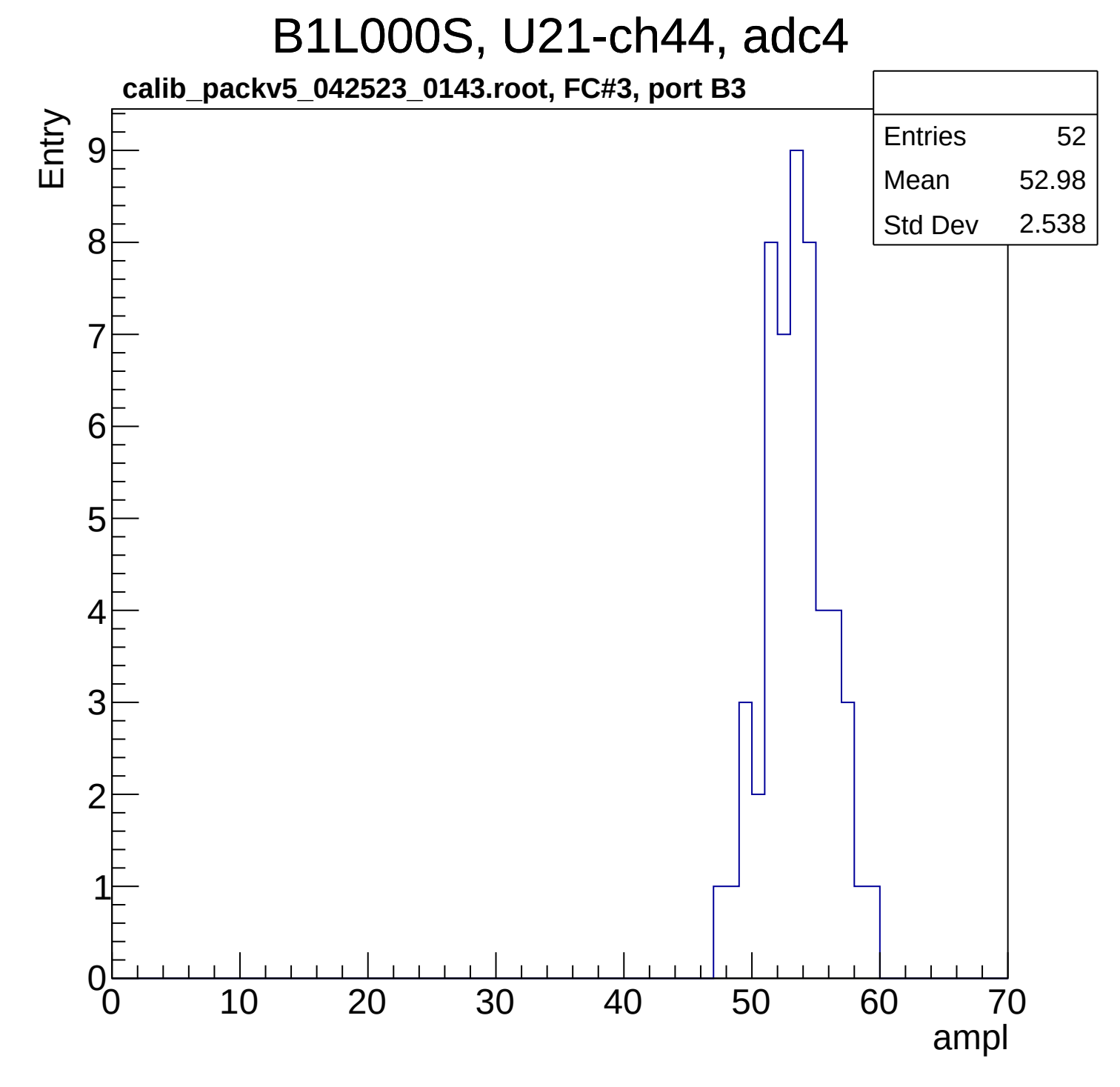

B1L000S, U21-ch43, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 8.667
Std Dev 12.26
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

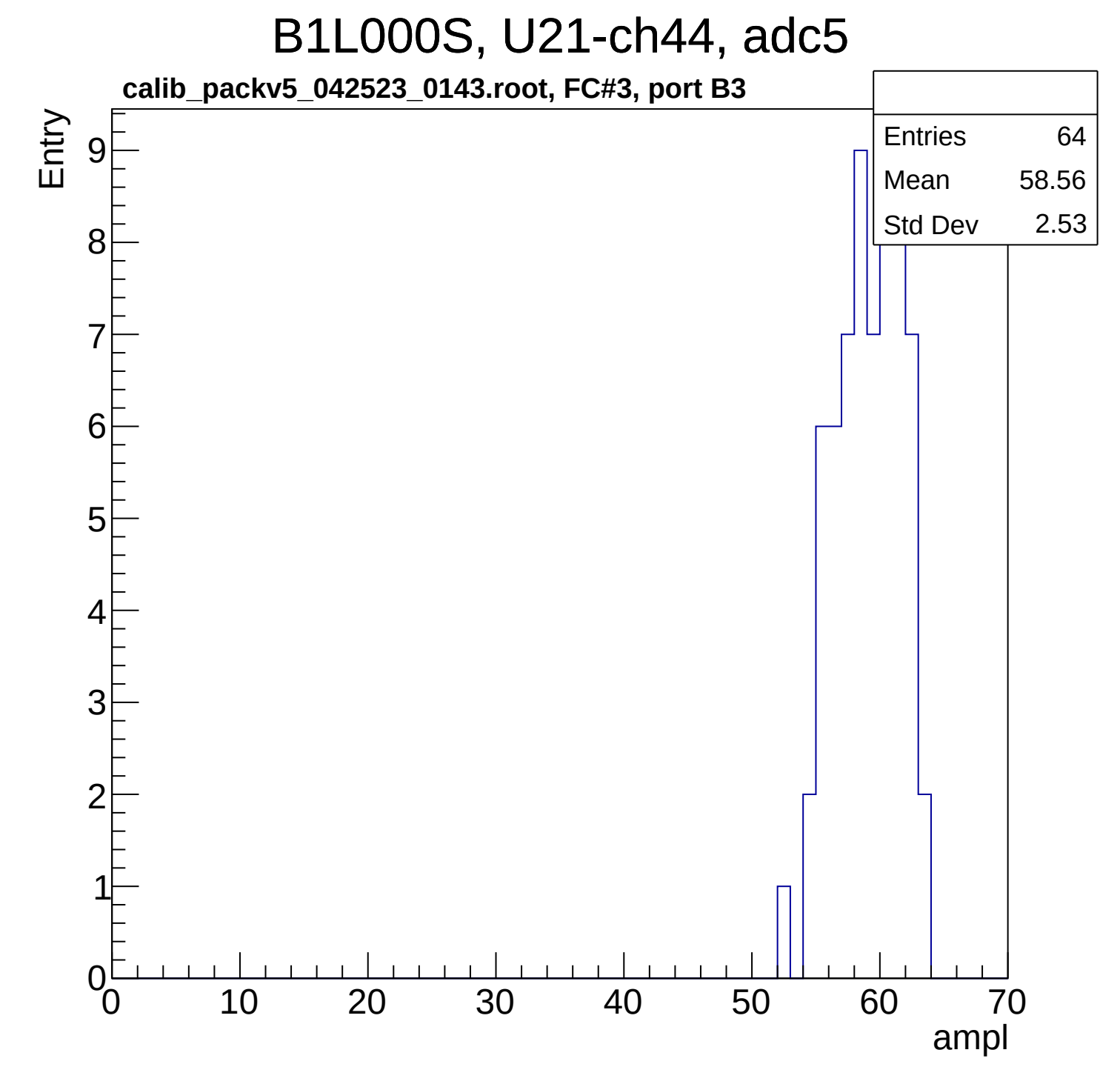

B1L000S, U21-ch44, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 28.78
Std Dev 2.731
Gaus mean : 28.9381
Gaus Width: 2.4595
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

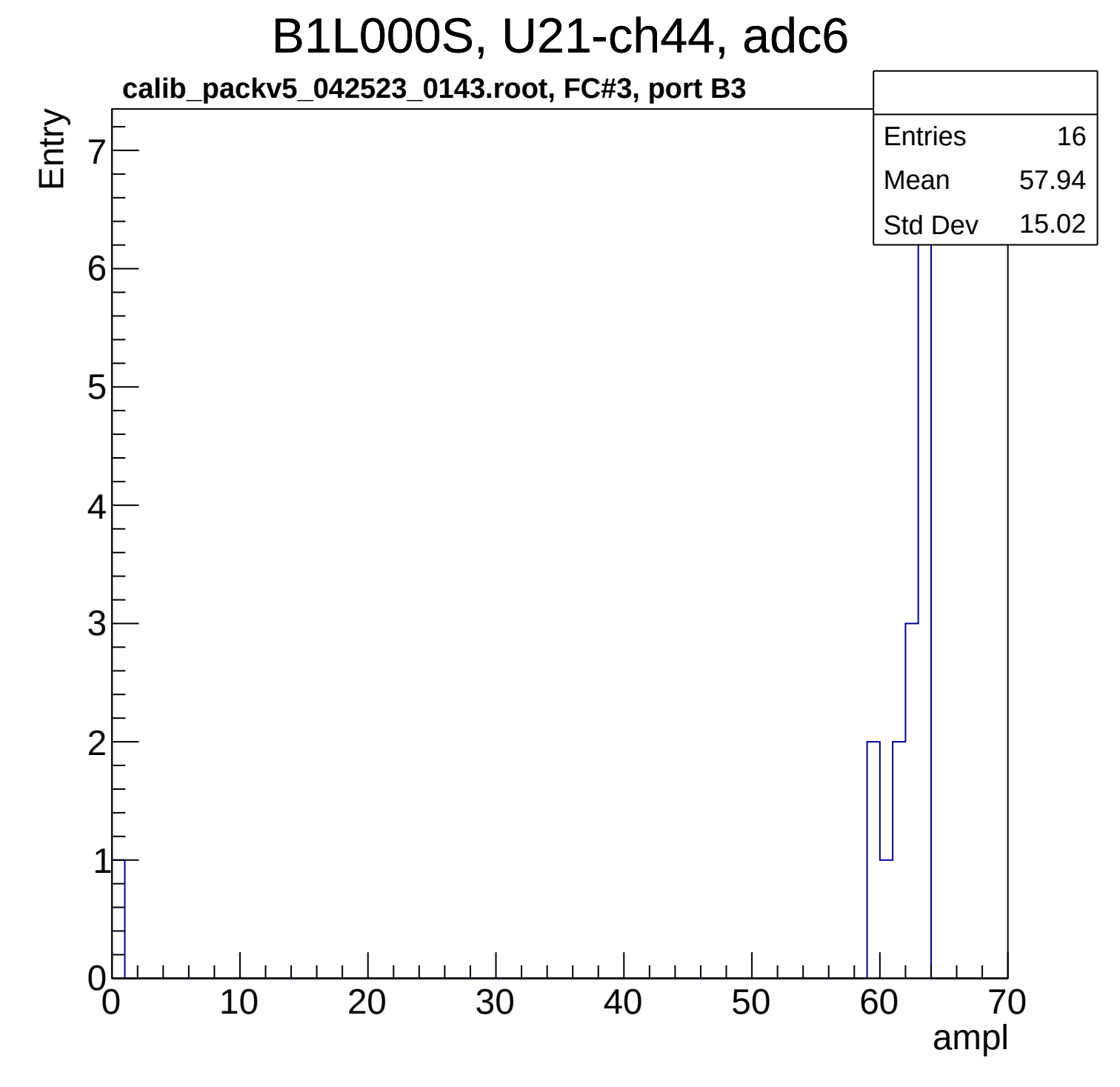

B1L000S, U21-ch44, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 35.06
Std Dev 3.153
Gaus mean : 35.6207
Gaus Width: 2.9908
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

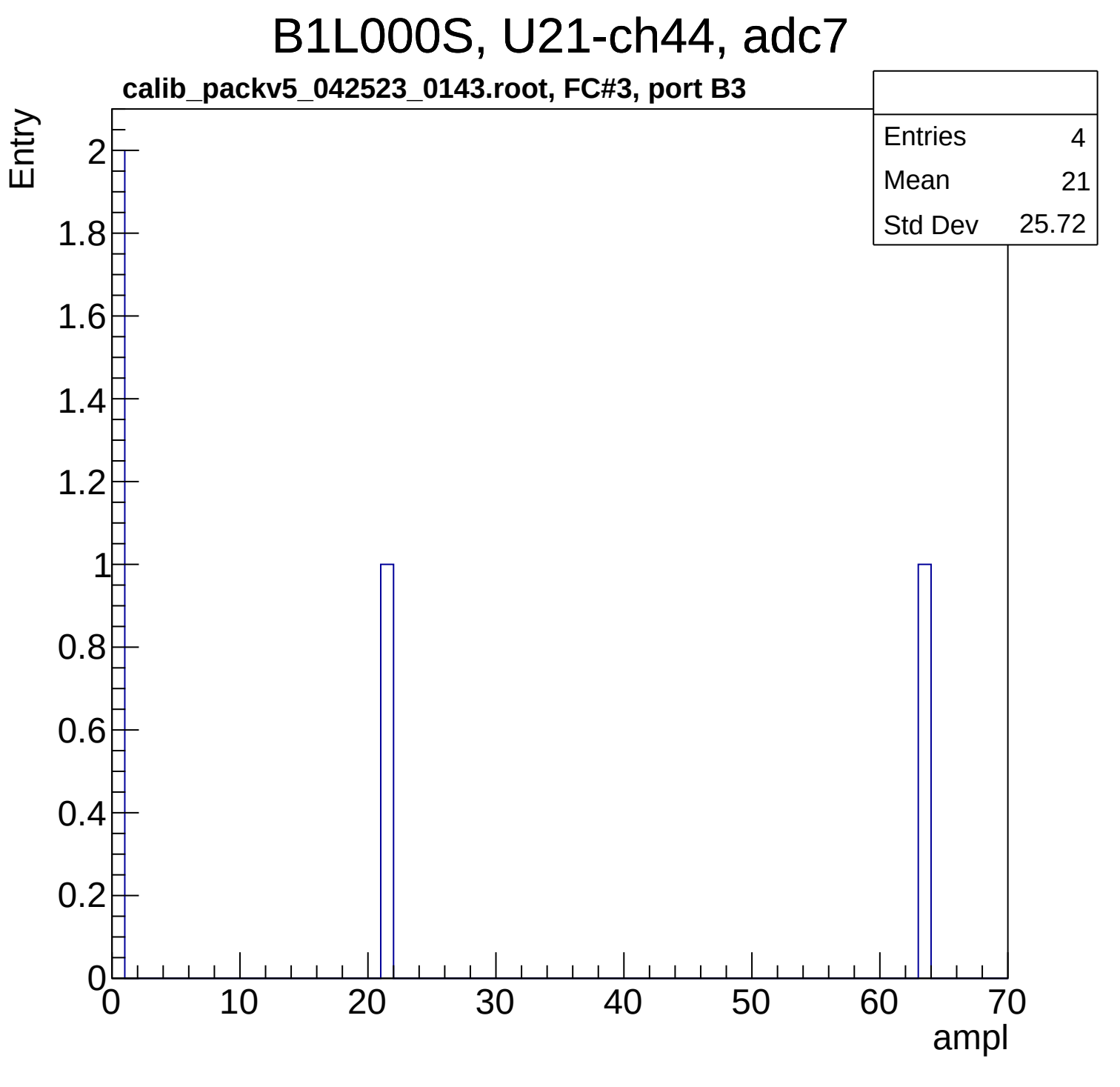

B1L000S, U21-ch44, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 41.98
Std Dev 3.246
Gaus mean : 42.0706
Gaus Width: 3.6800
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

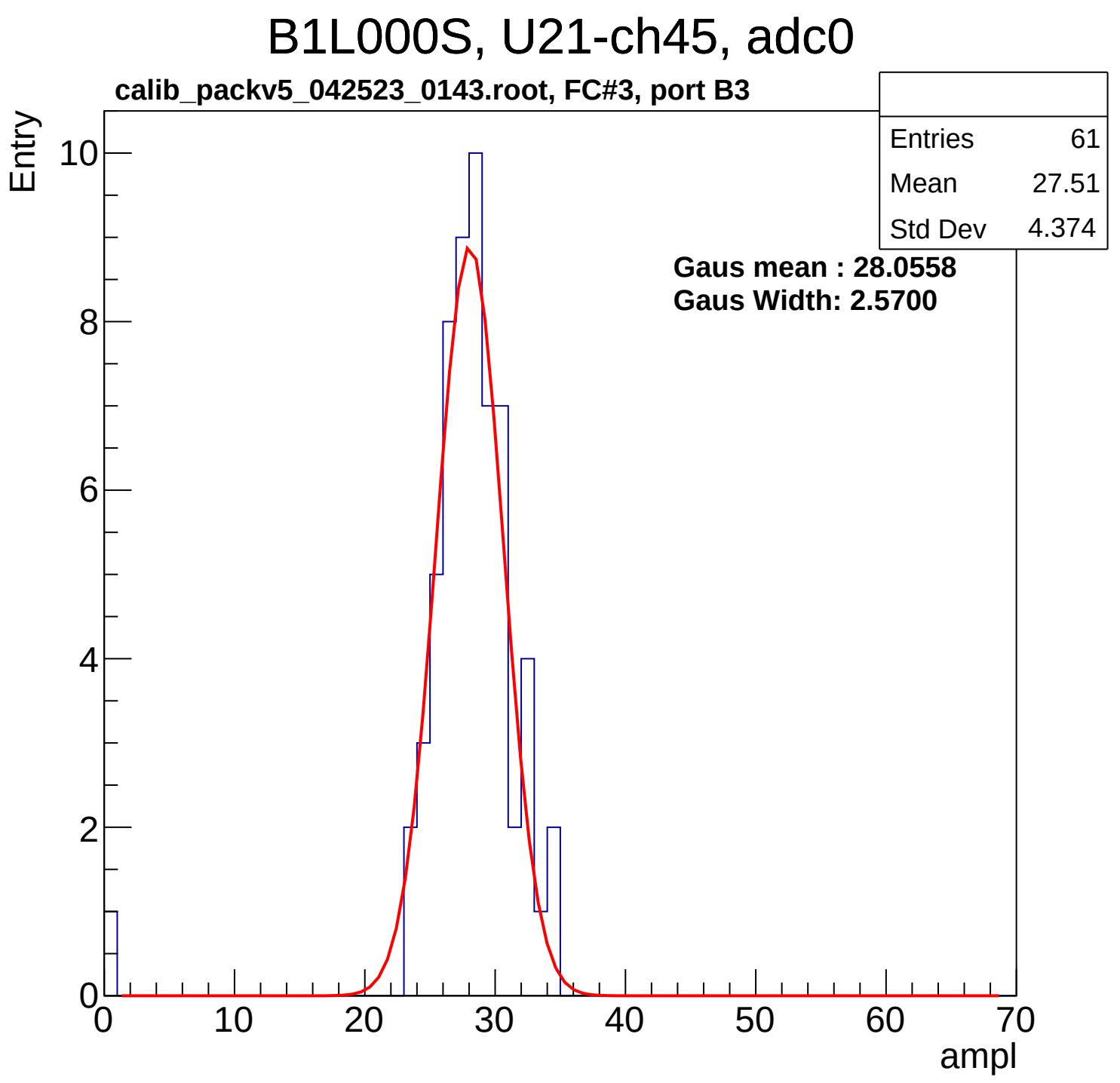

B1L000S, U21-ch44, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 47.29
Std Dev 2.655
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

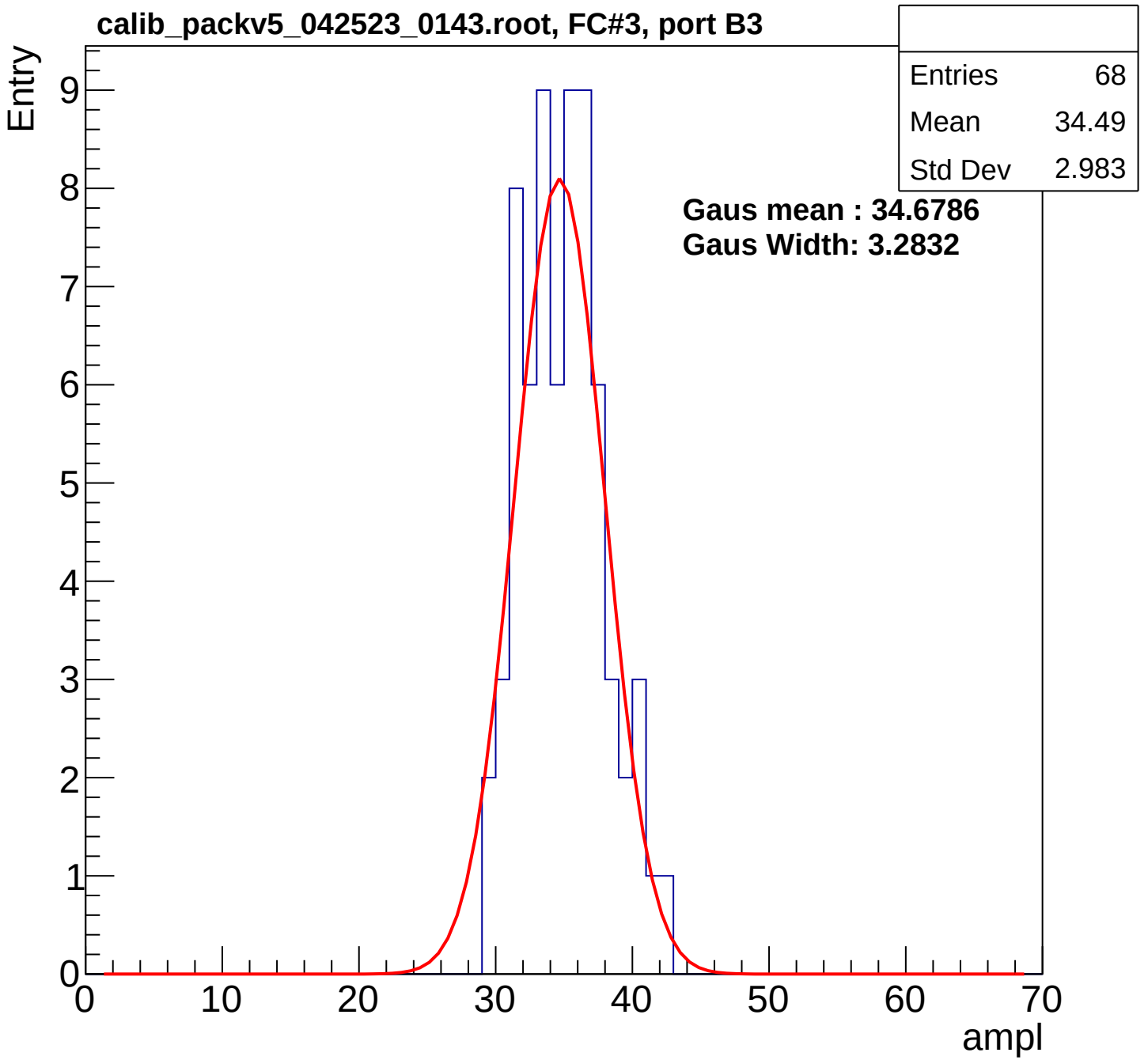

B1L000S, U21-ch44, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 52.98
Std Dev 2.538
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

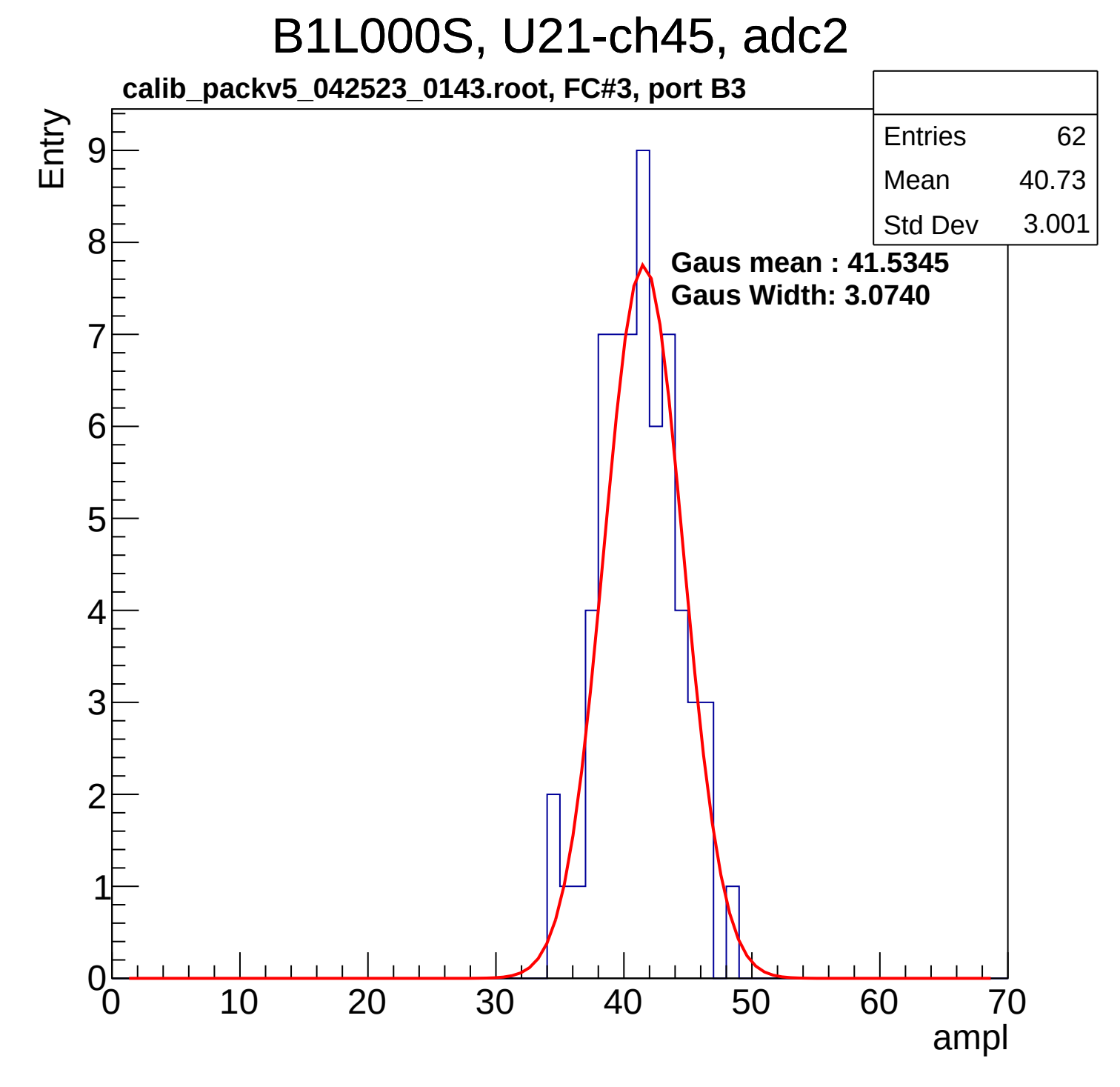

B1L000S, U21-ch44, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 58.56
Std Dev 2.53
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

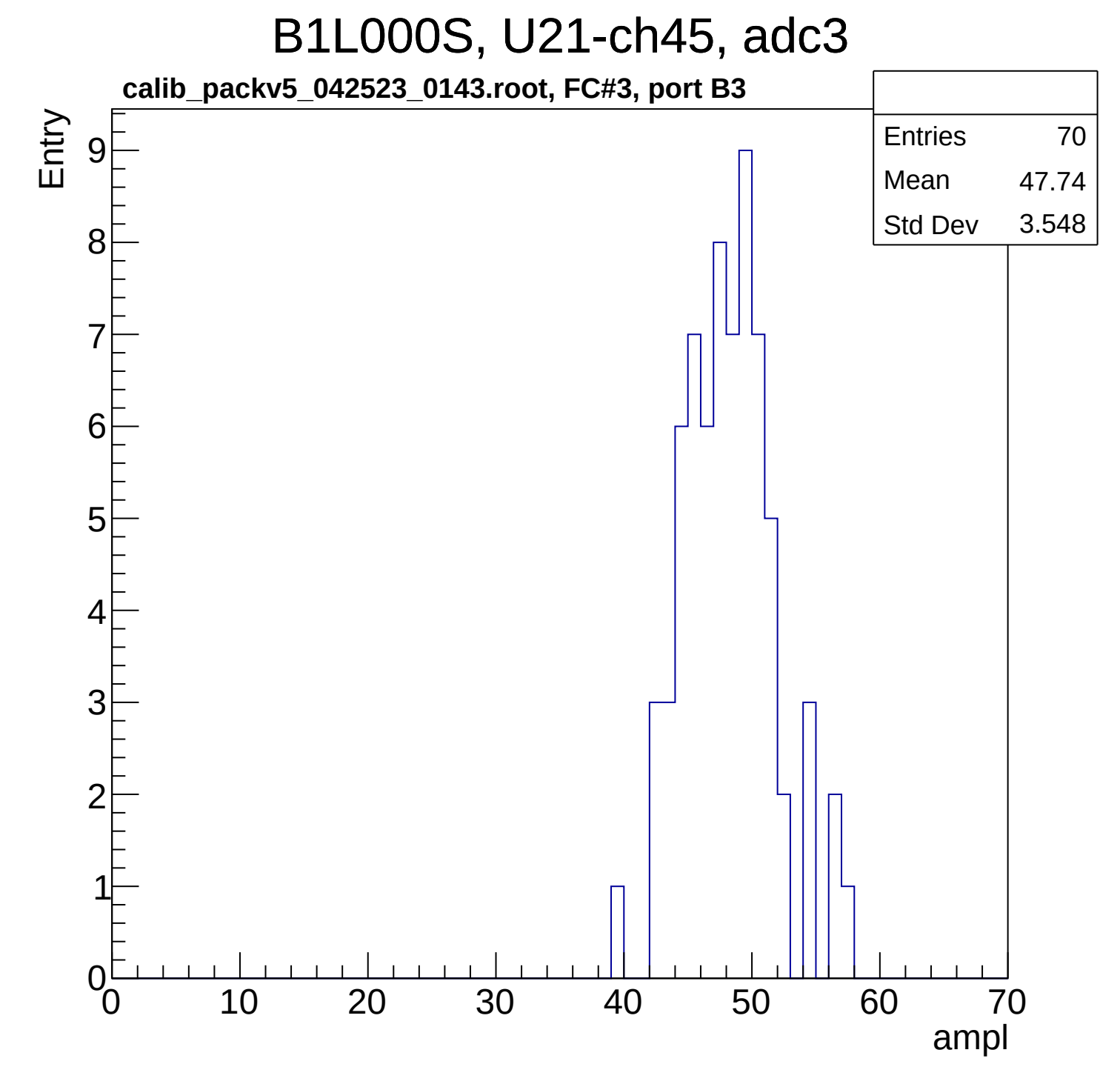

B1L000S, U21-ch44, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 57.94
Std Dev 15.02
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

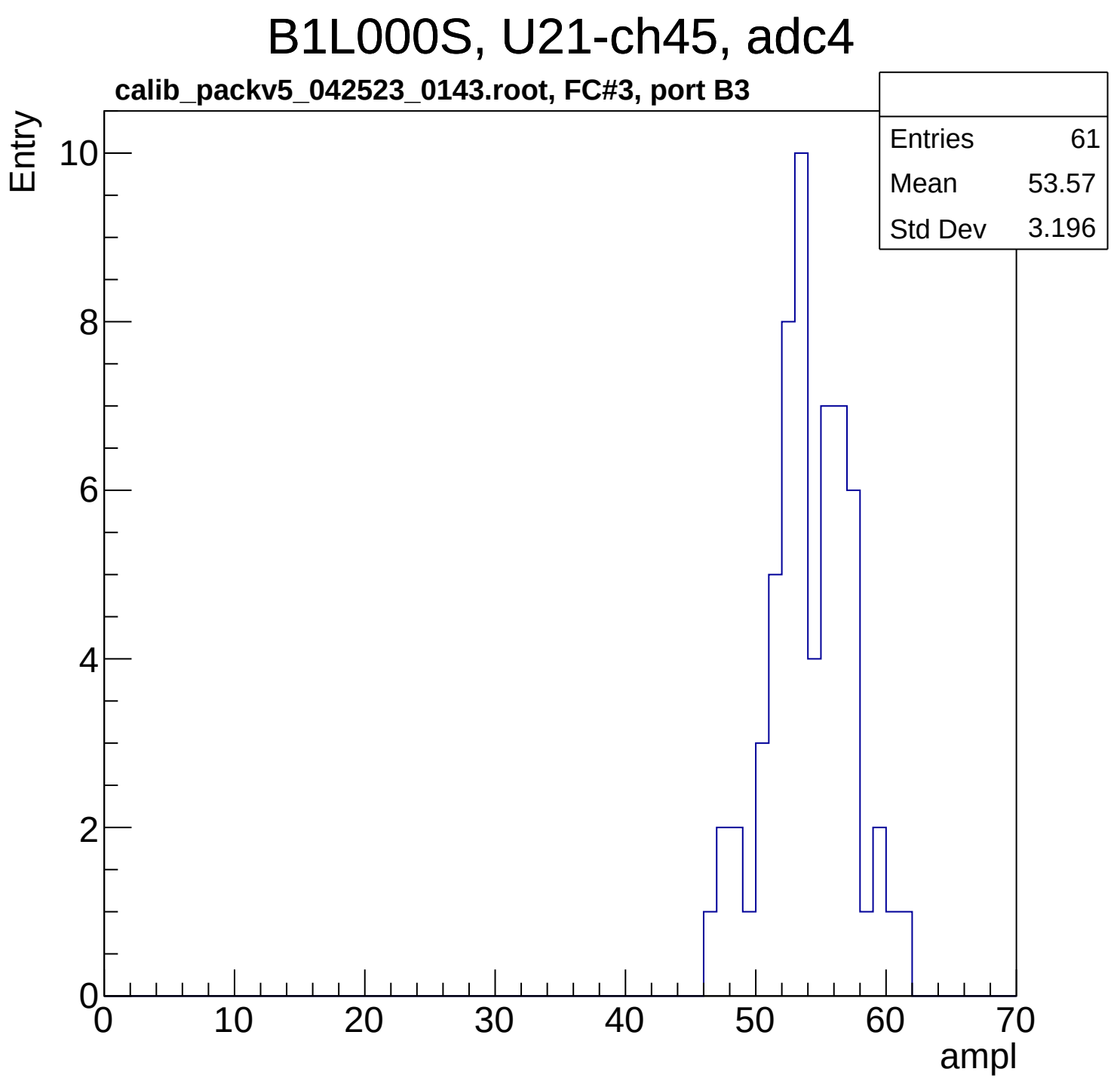

B1L000S, U21-ch44, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 21
Std Dev 25.72
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

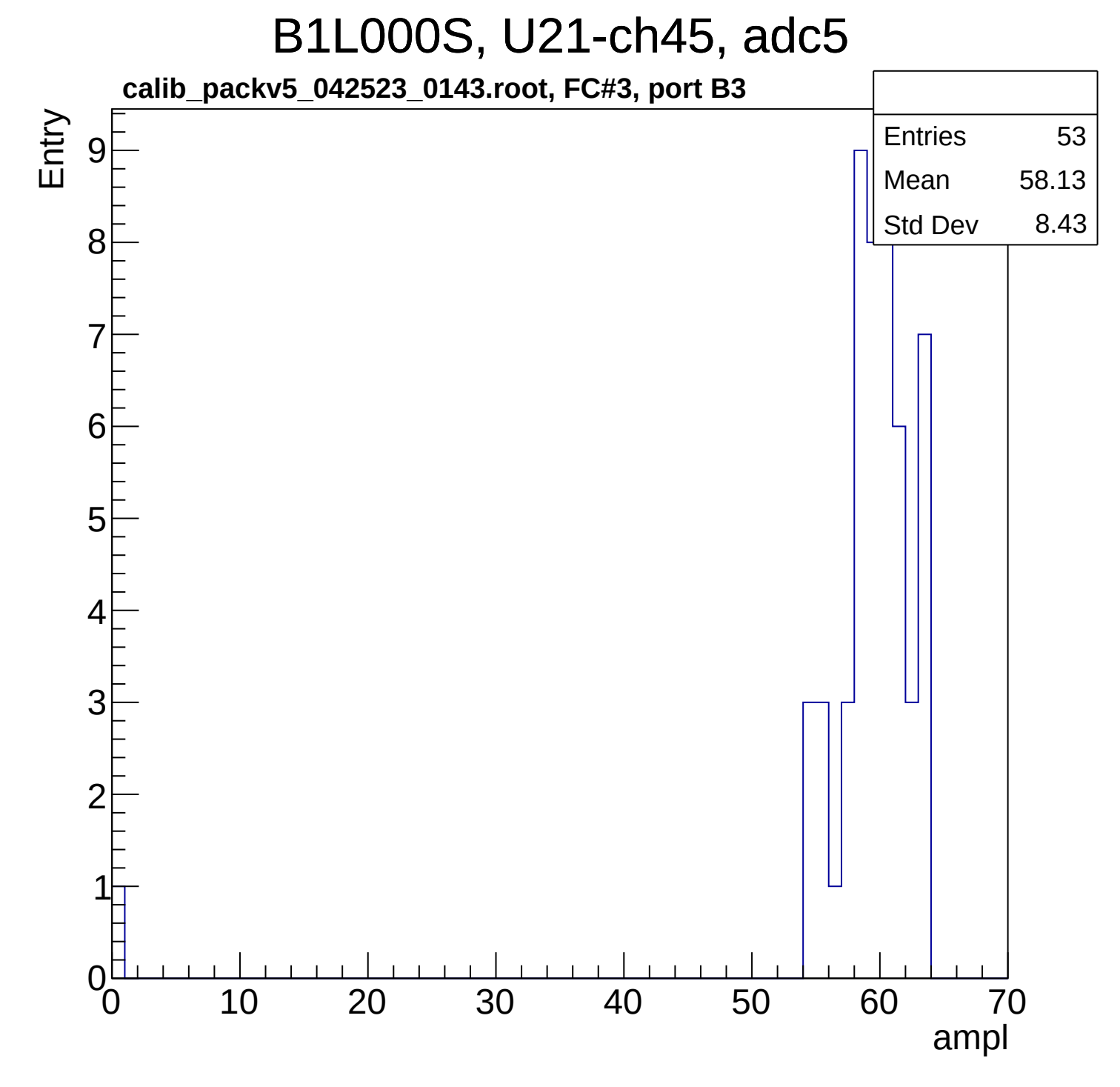

B1L000S, U21-ch45, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 27.51
Std Dev 4.374
Gaus mean : 28.0558
Gaus Width: 2.5700
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

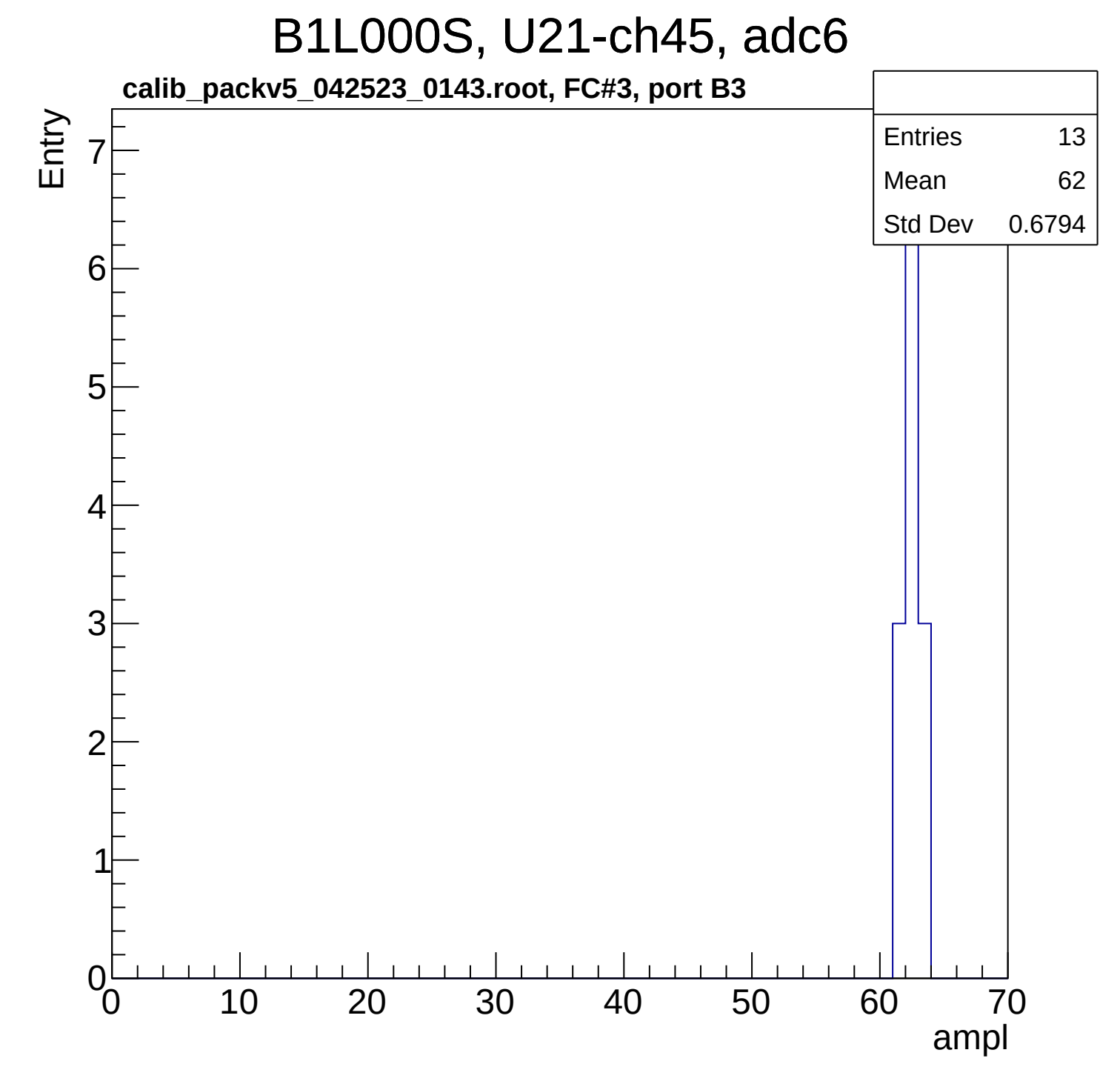

B1L000S, U21-ch45, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 34.49
Std Dev 2.983
Gaus mean : 34.6786
Gaus Width: 3.2832
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

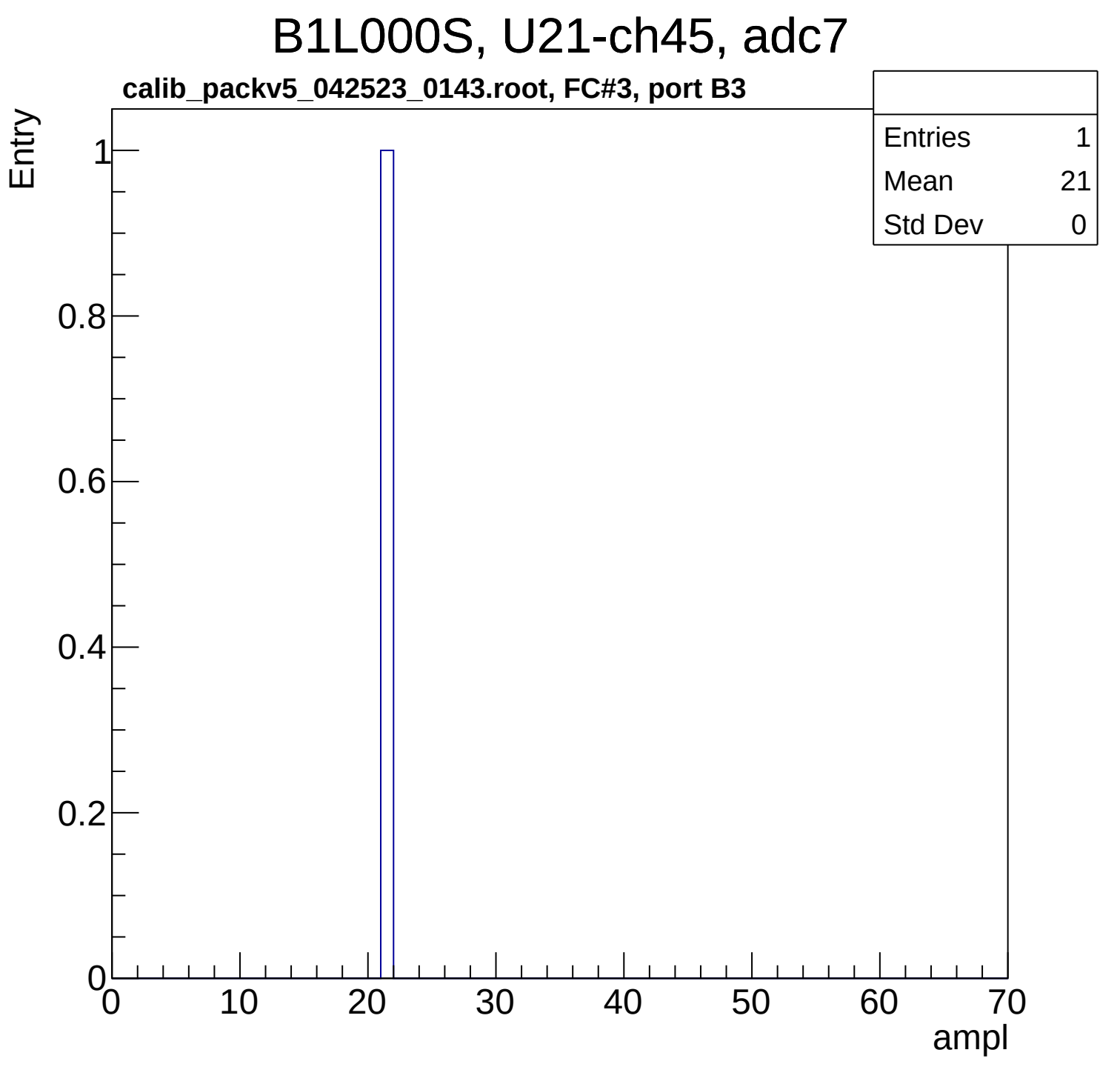

B1L000S, U21-ch45, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 40.73
Std Dev 3.001
Gaus mean : 41.5345
Gaus Width: 3.0740
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

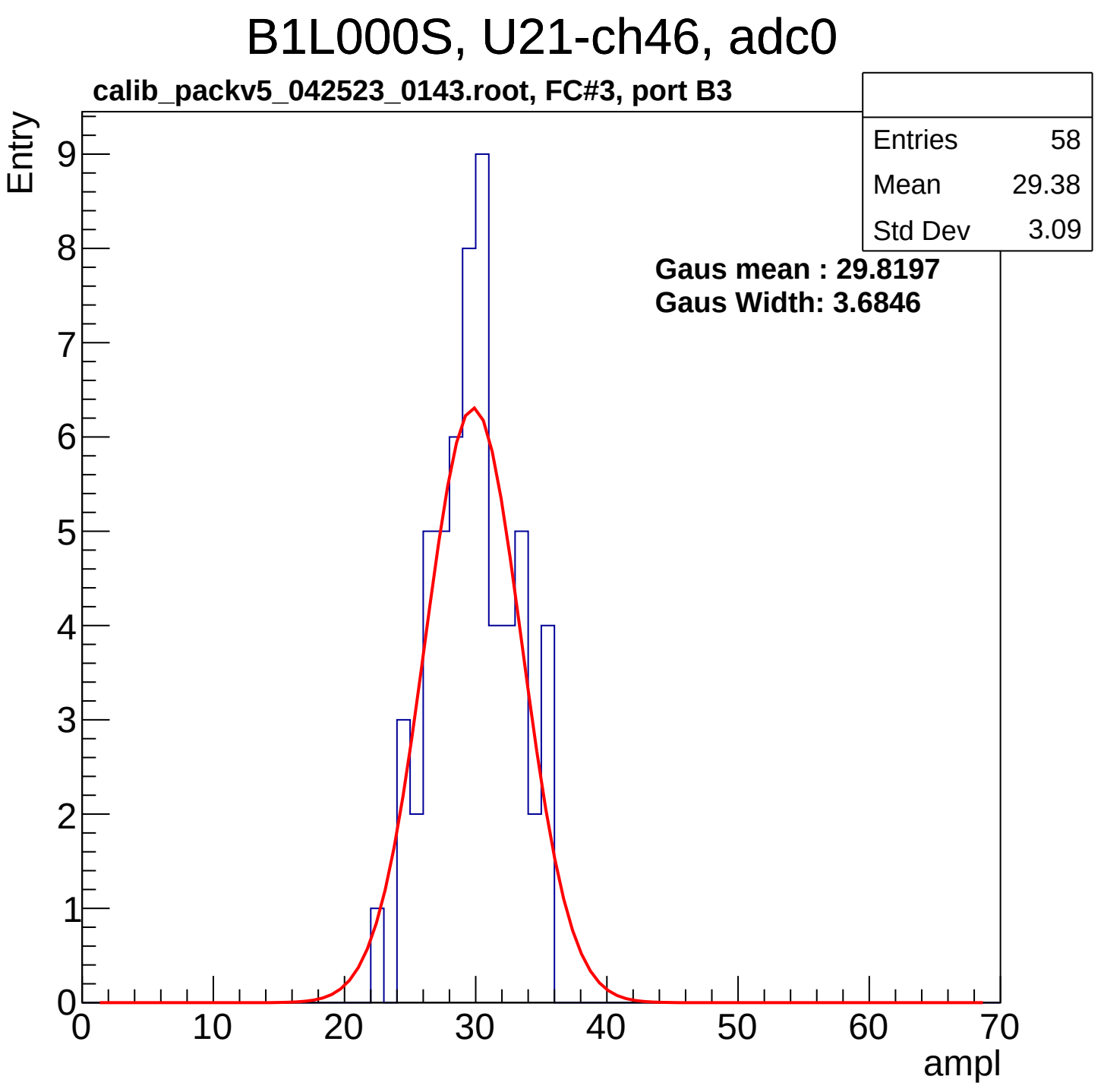

B1L000S, U21-ch45, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 47.74
Std Dev 3.548
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

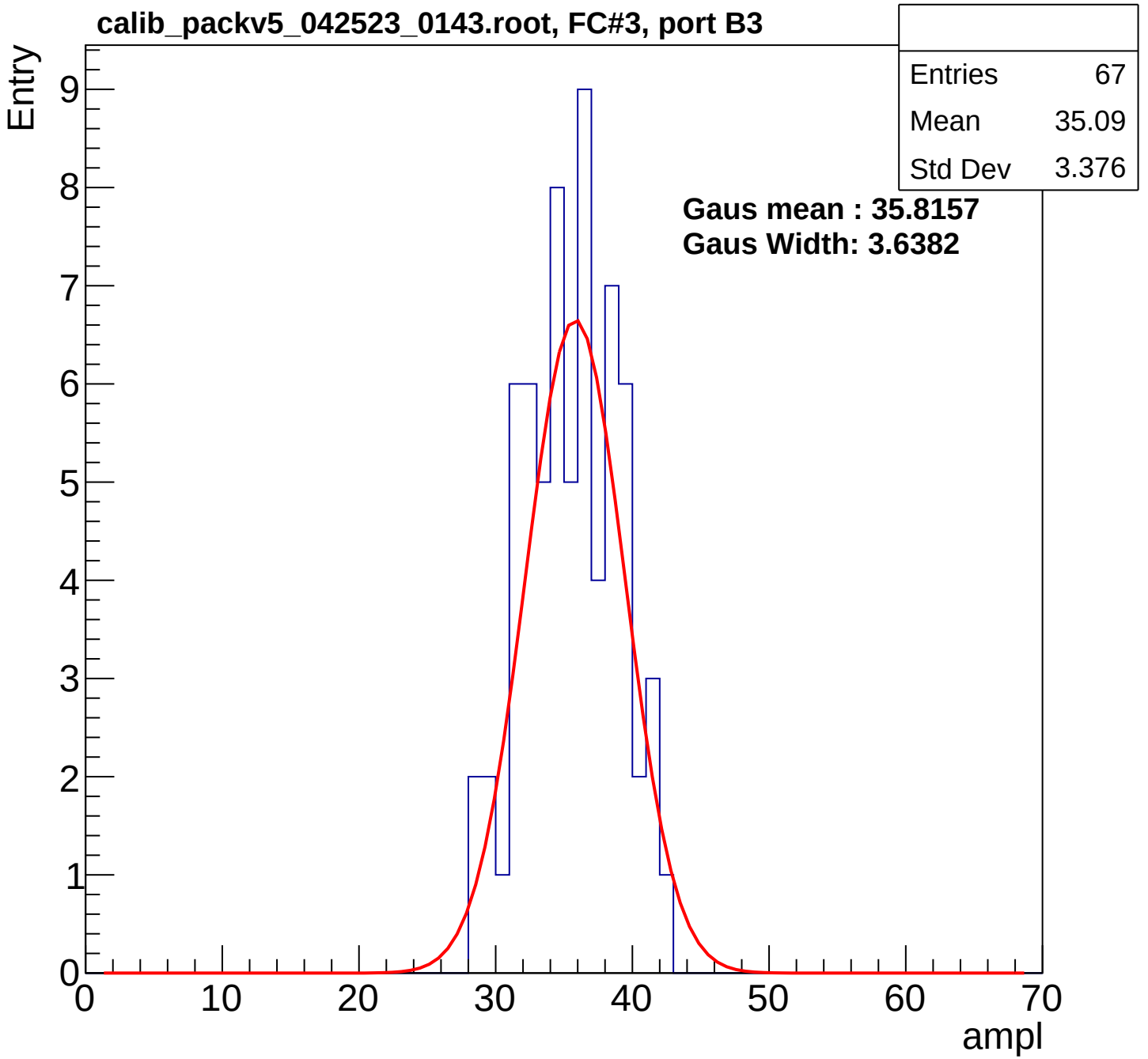

B1L000S, U21-ch45, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 53.57
Std Dev 3.196
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

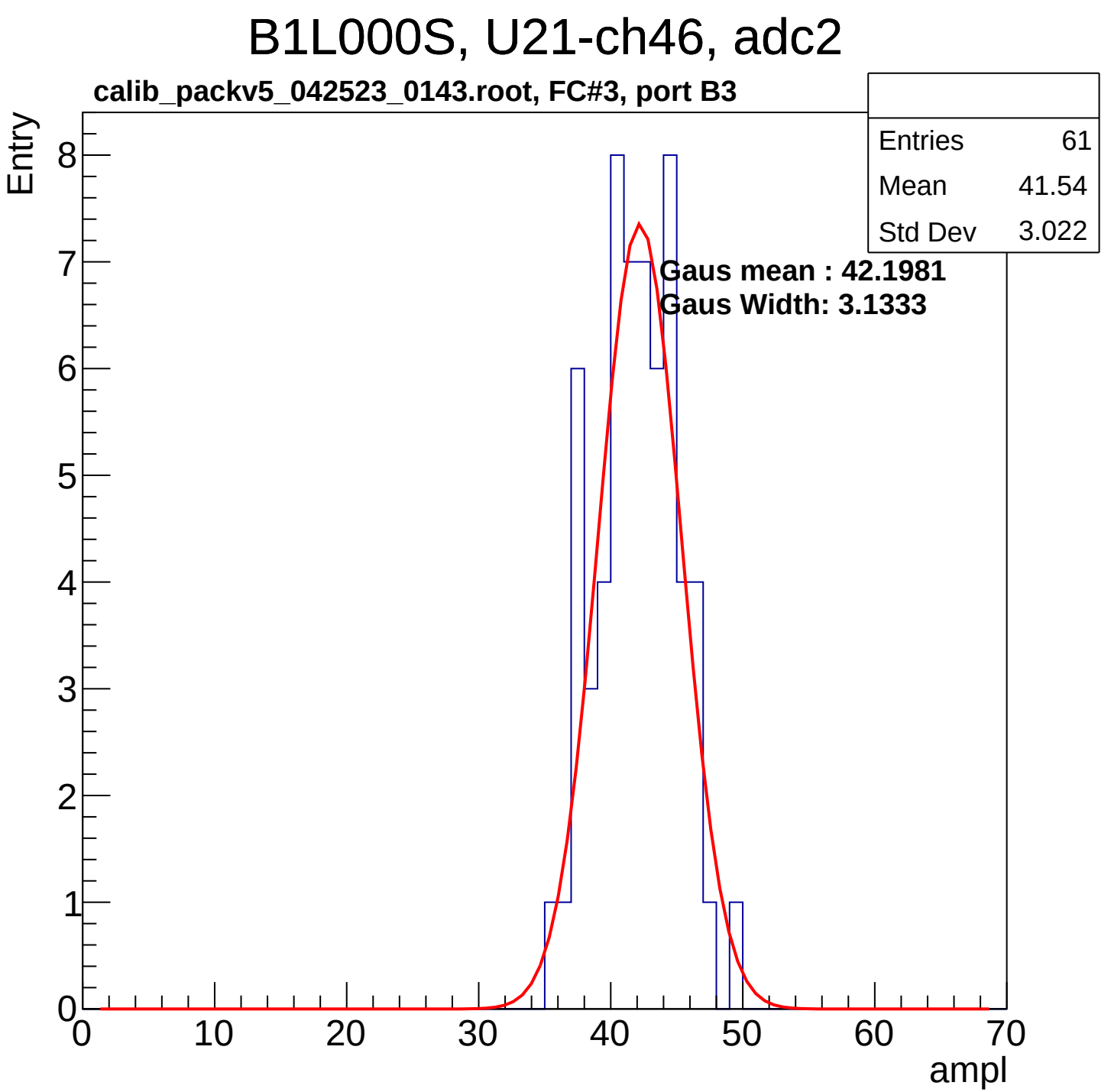

B1L000S, U21-ch45, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 58.13
Std Dev 8.43
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

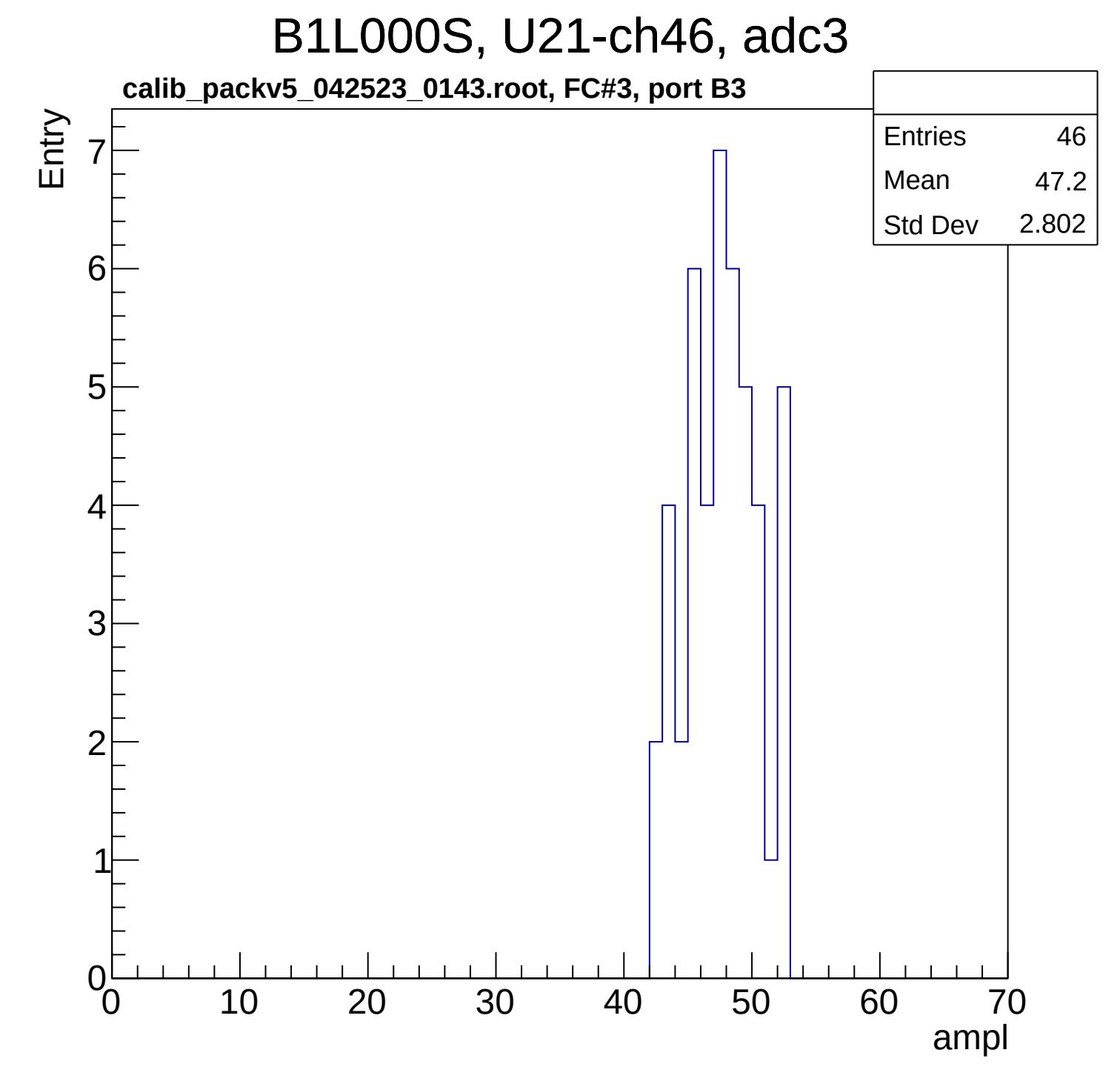

B1L000S, U21-ch45, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 62
Std Dev 0.6794
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

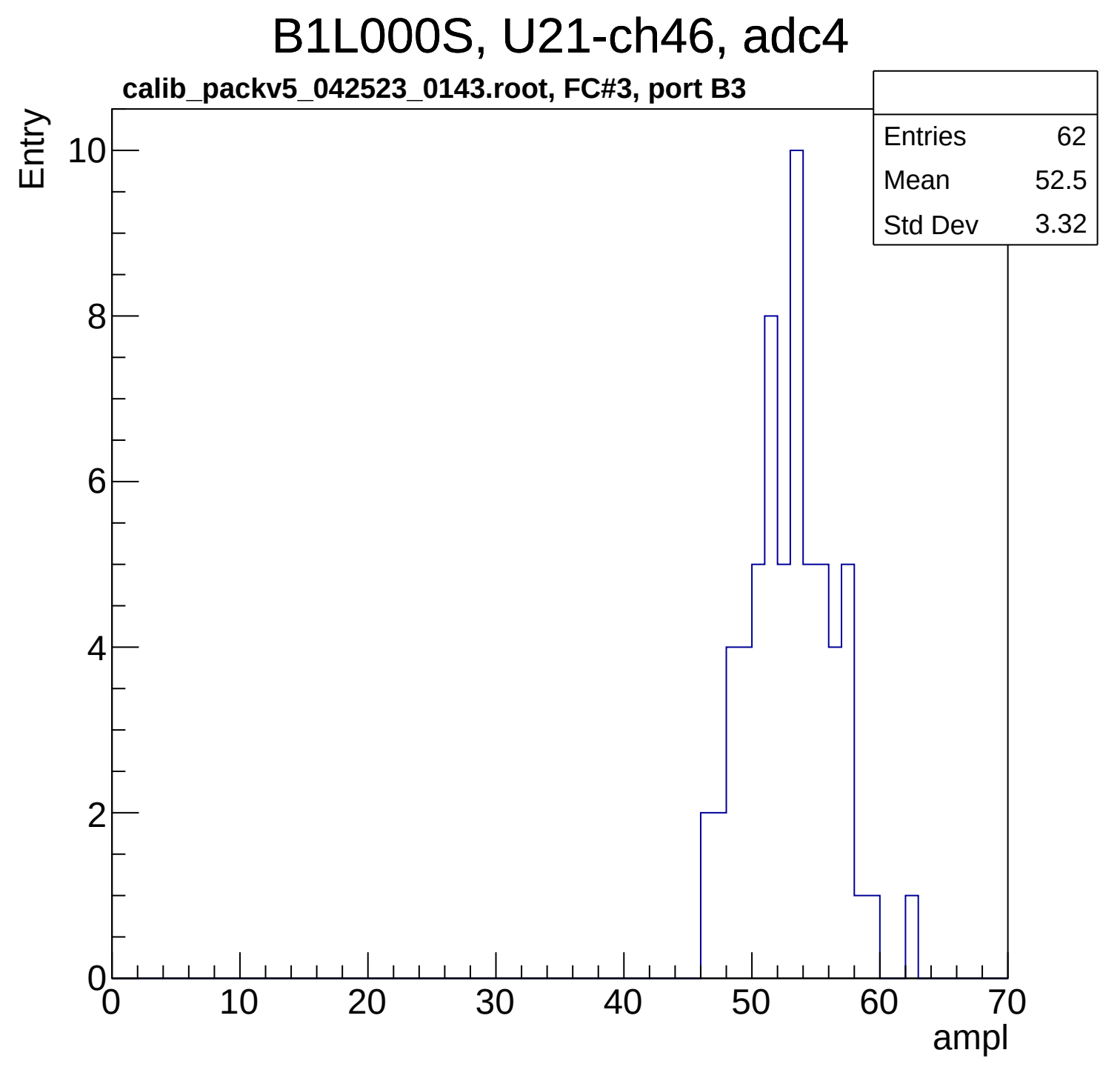

B1L000S, U21-ch45, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 21
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

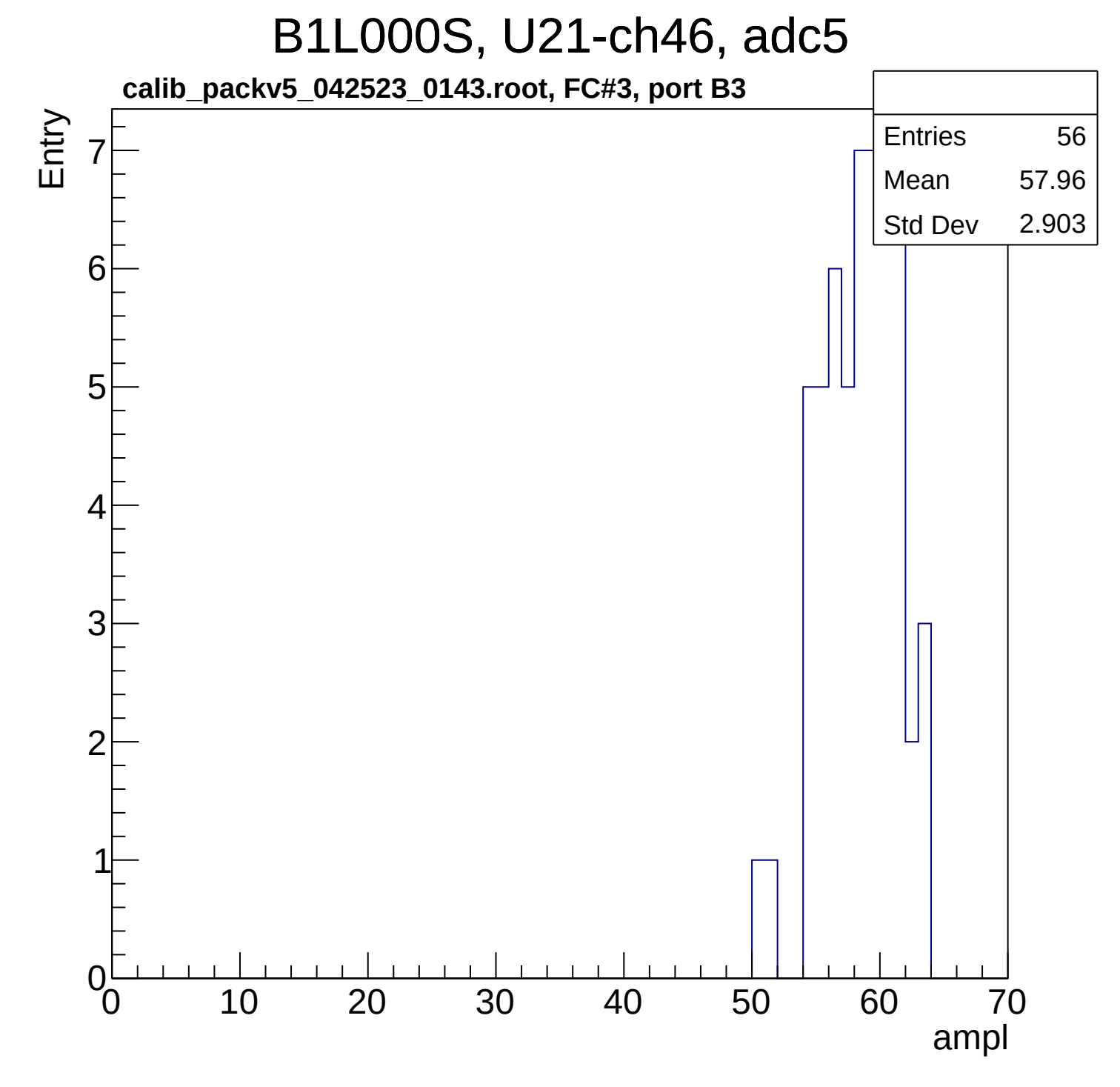

B1L000S, U21-ch46, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 29.38
Std Dev 3.09
Gaus mean : 29.8197
Gaus Width: 3.6846
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

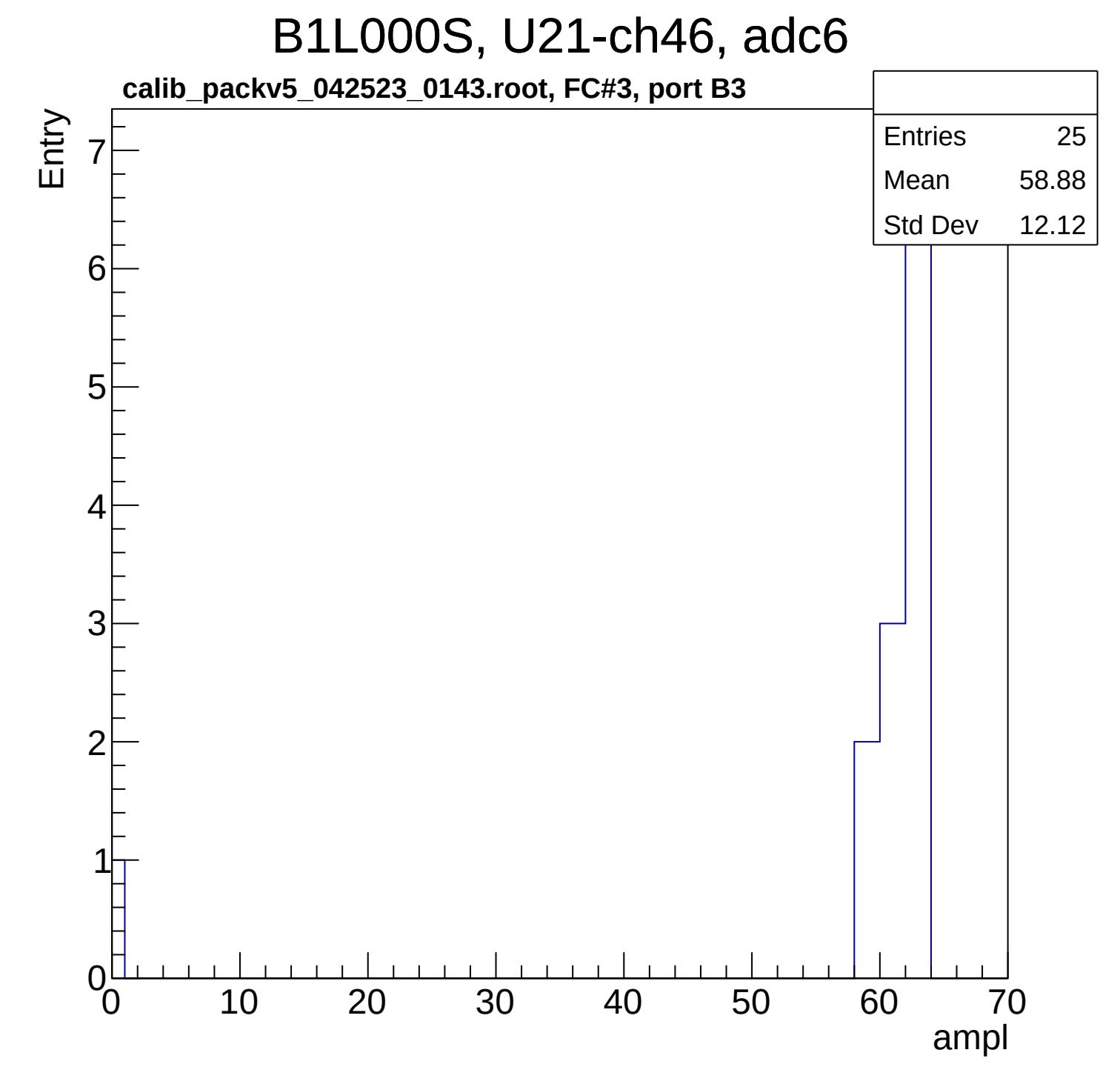

B1L000S, U21-ch46, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 35.09
Std Dev 3.376
Gaus mean : 35.8157
Gaus Width: 3.6382
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

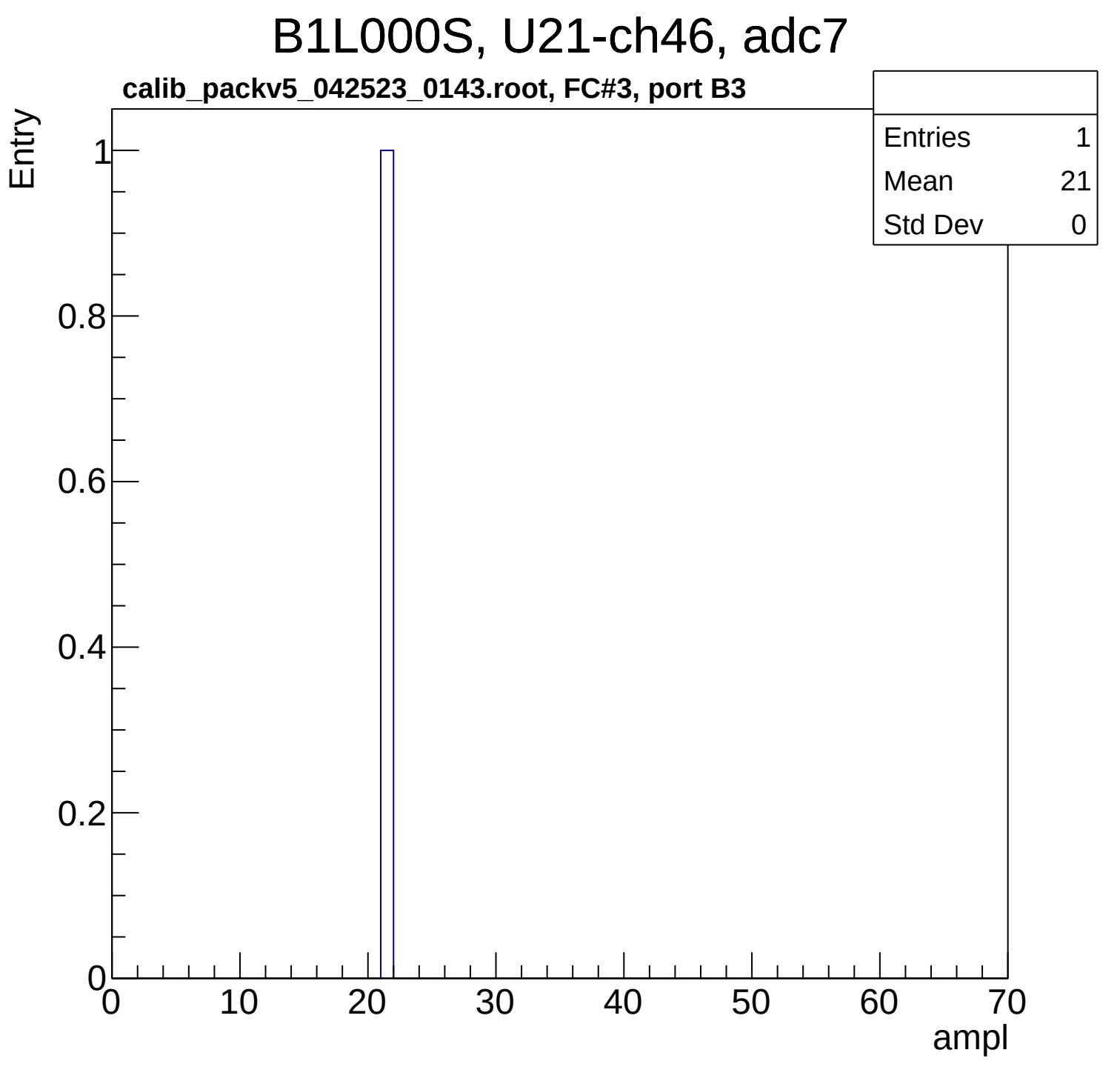

B1L000S, U21-ch46, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 41.54
Std Dev 3.022
Gaus mean : 42.1981
Gaus Width: 3.1333
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

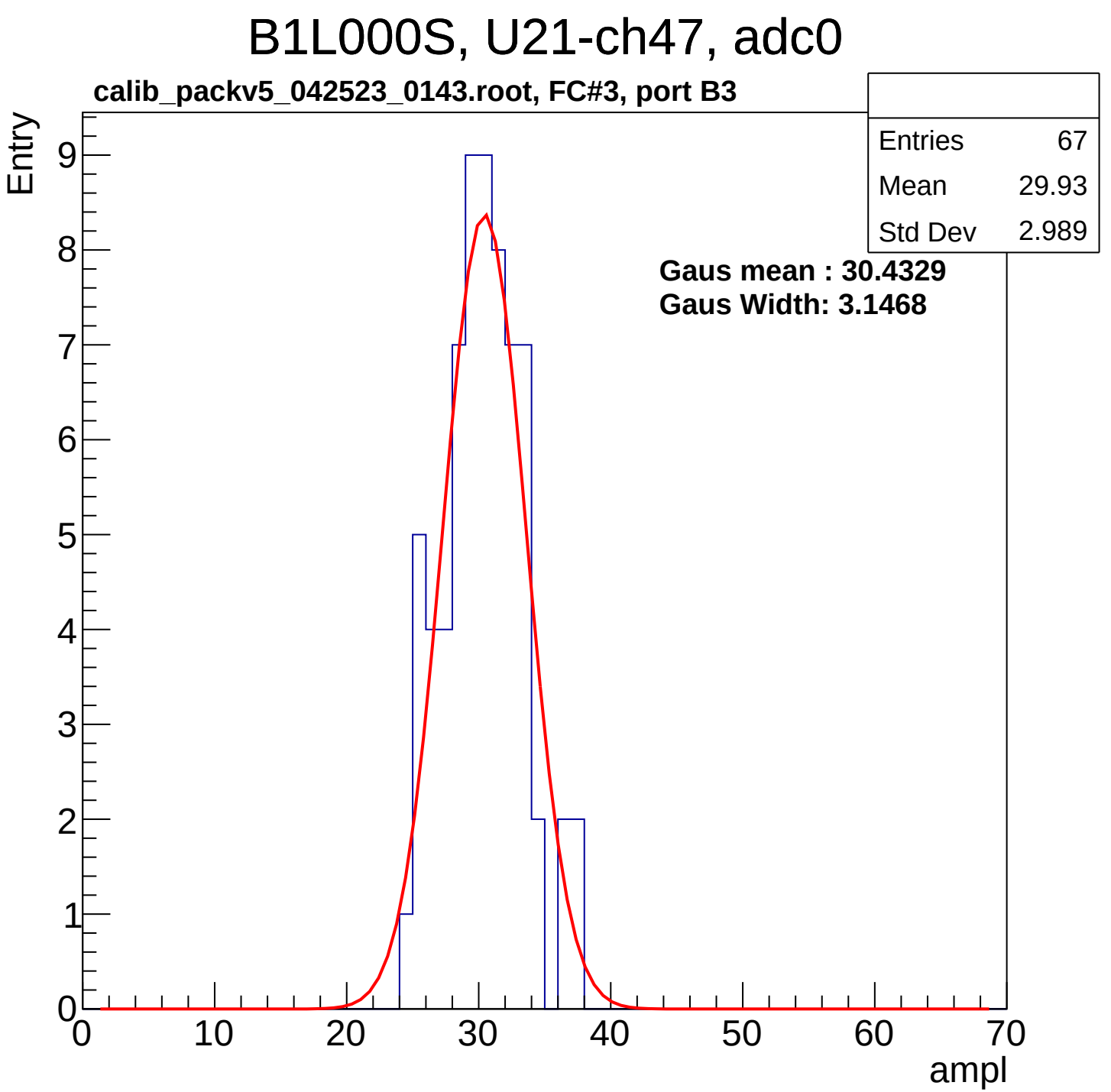

B1L000S, U21-ch46, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 47.2
Std Dev 2.802
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

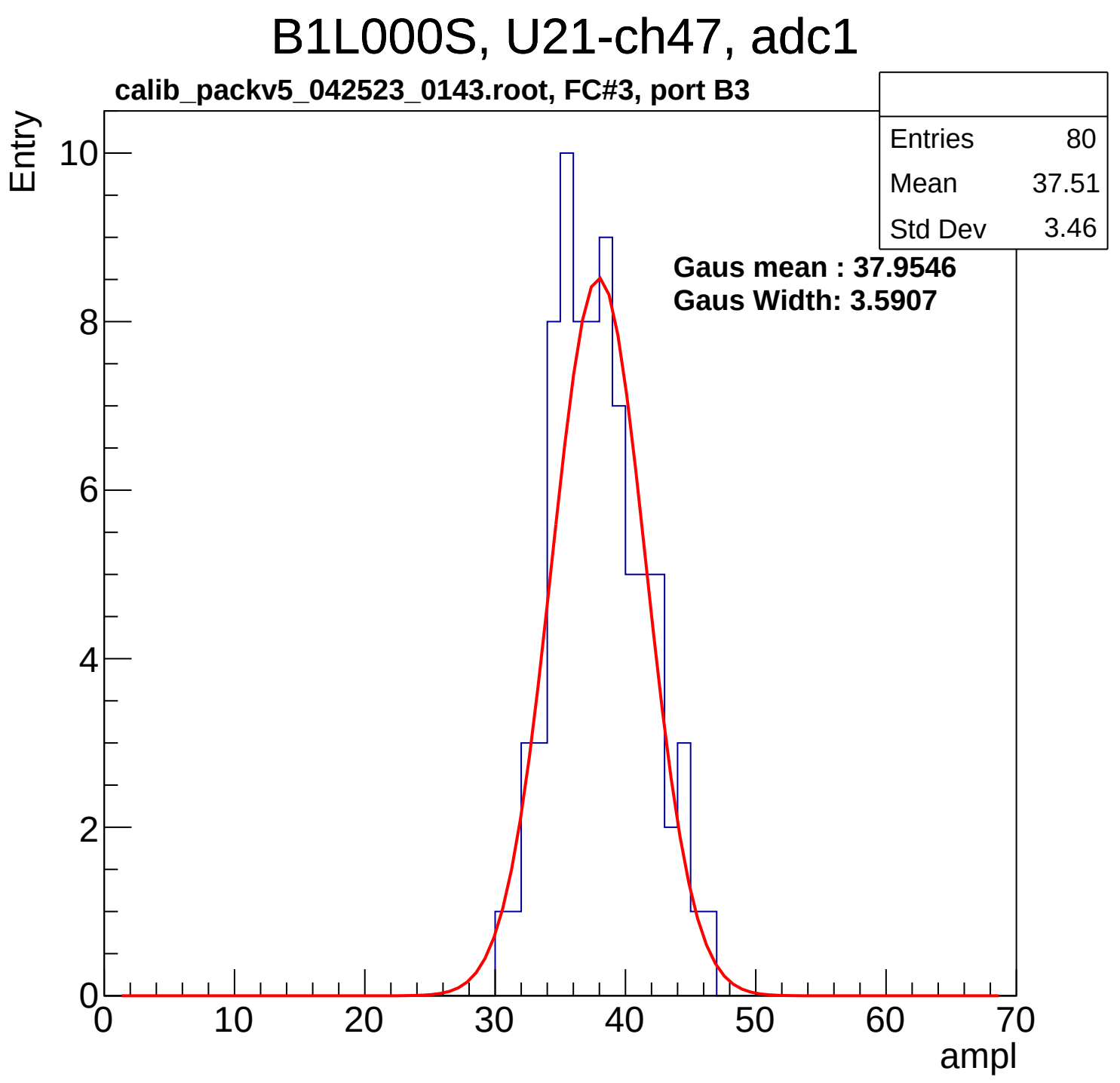

B1L000S, U21-ch46, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 52.5
Std Dev 3.32
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

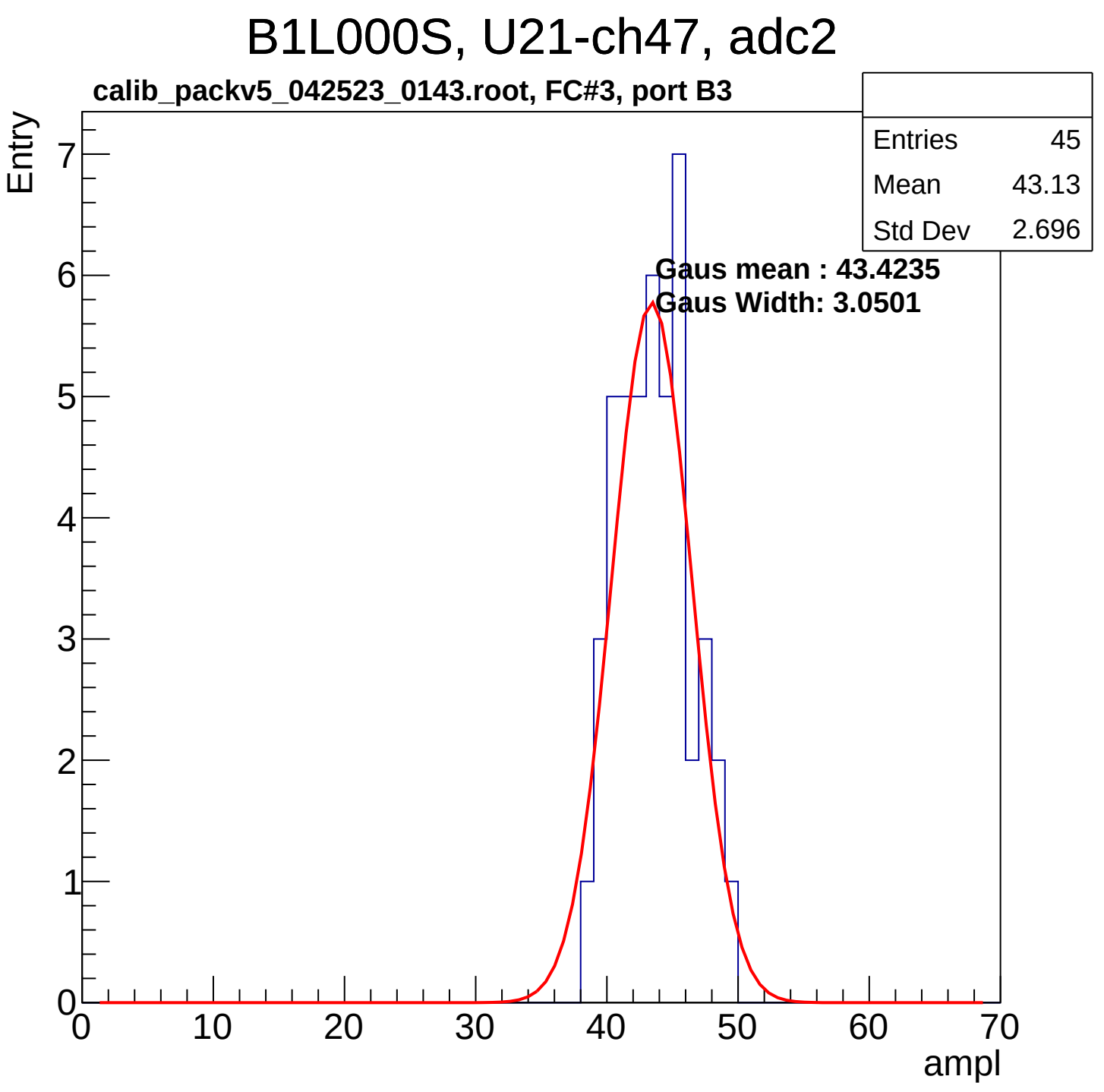

B1L000S, U21-ch46, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 57.96
Std Dev 2.903
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

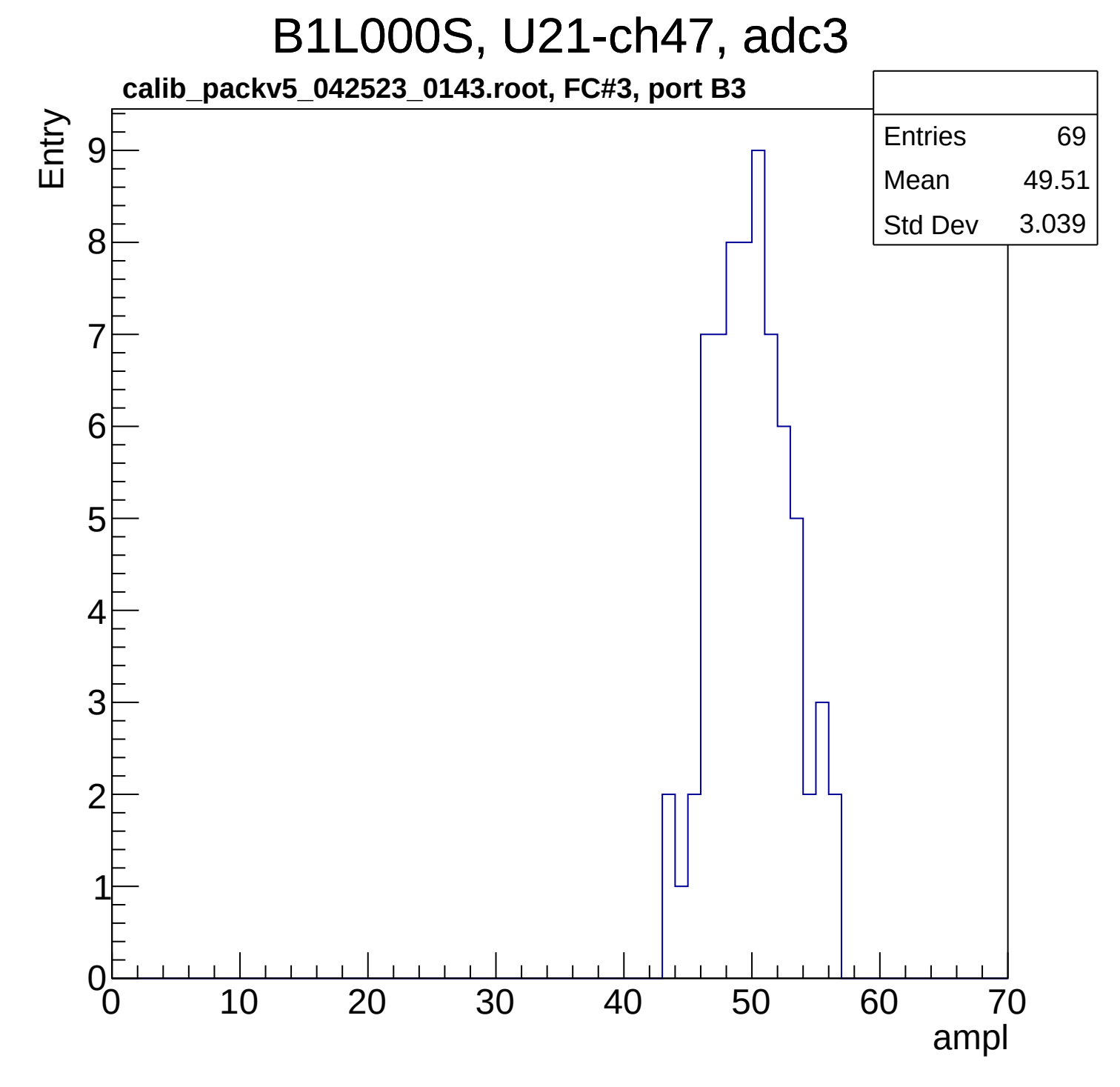

B1L000S, U21-ch46, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 25
Mean 58.88
Std Dev 12.12
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

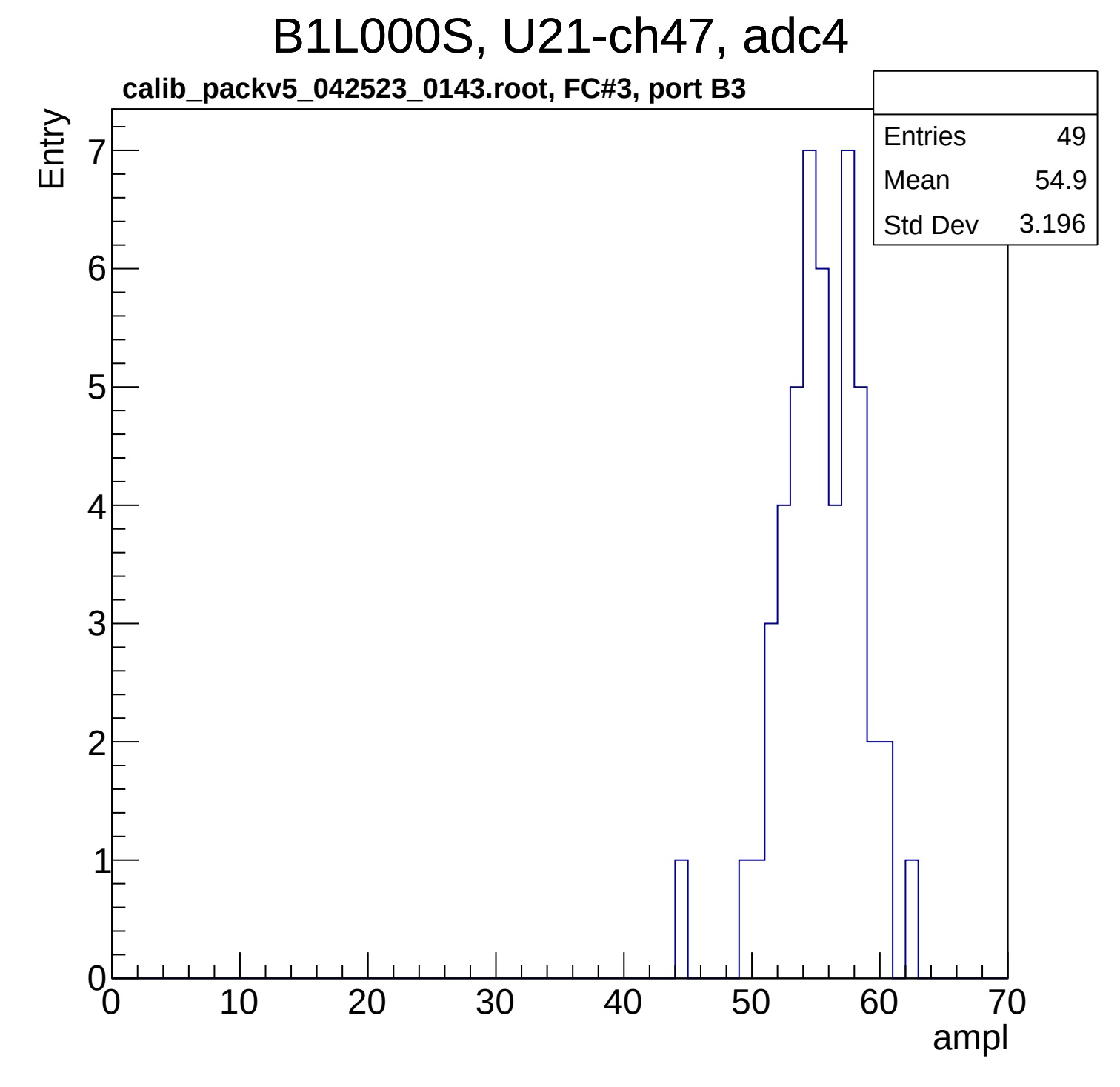

B1L000S, U21-ch46, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 21
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

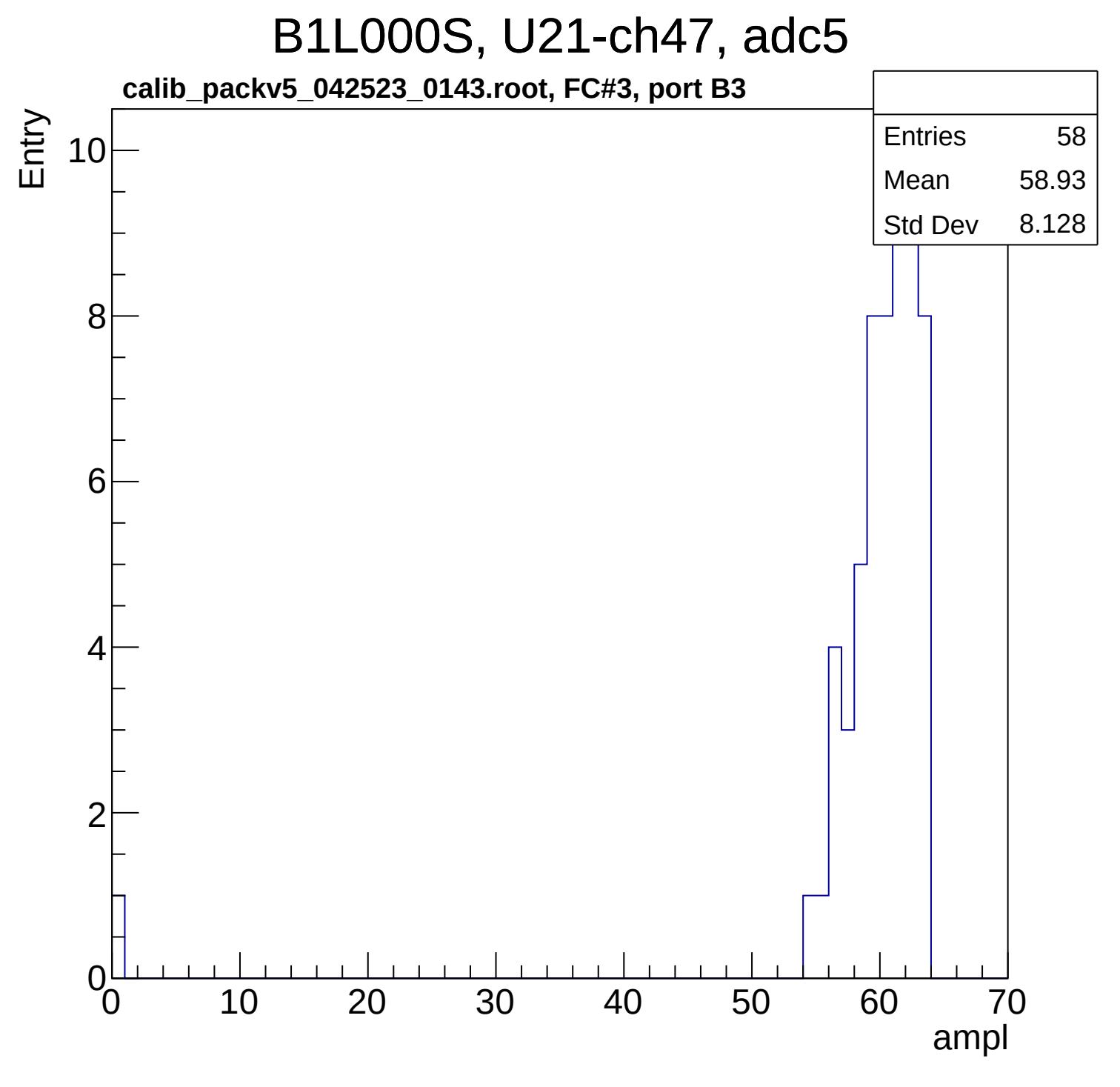

B1L000S, U21-ch47, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 29.93
Std Dev 2.989
Gaus mean : 30.4329
Gaus Width: 3.1468
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

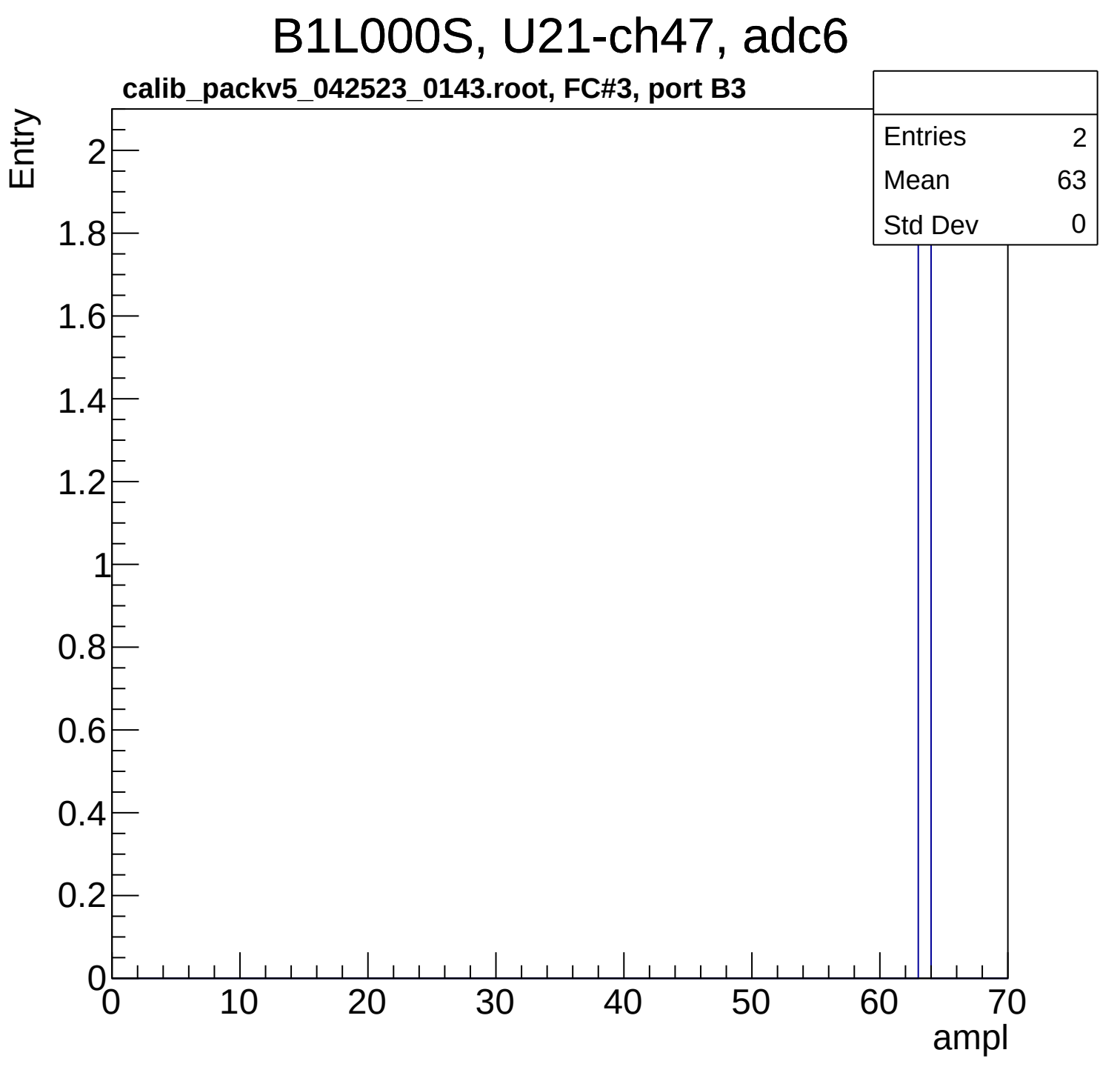

B1L000S, U21-ch47, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 80
Mean 37.51
Std Dev 3.46
Gaus mean : 37.9546
Gaus Width: 3.5907
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

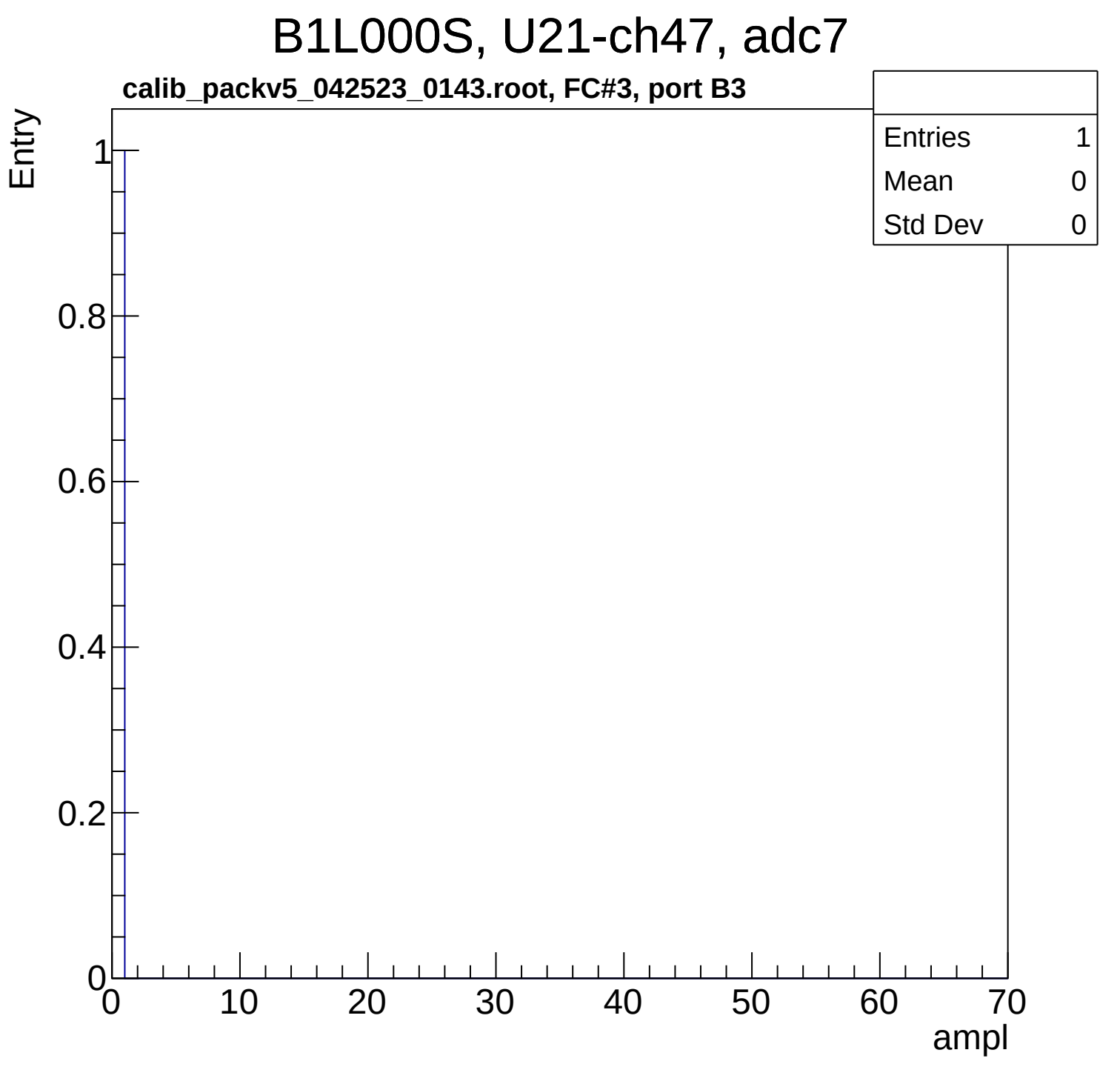

B1L000S, U21-ch47, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 43.13
Std Dev 2.696
Gaus mean : 43.4235
Gaus Width: 3.0501
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

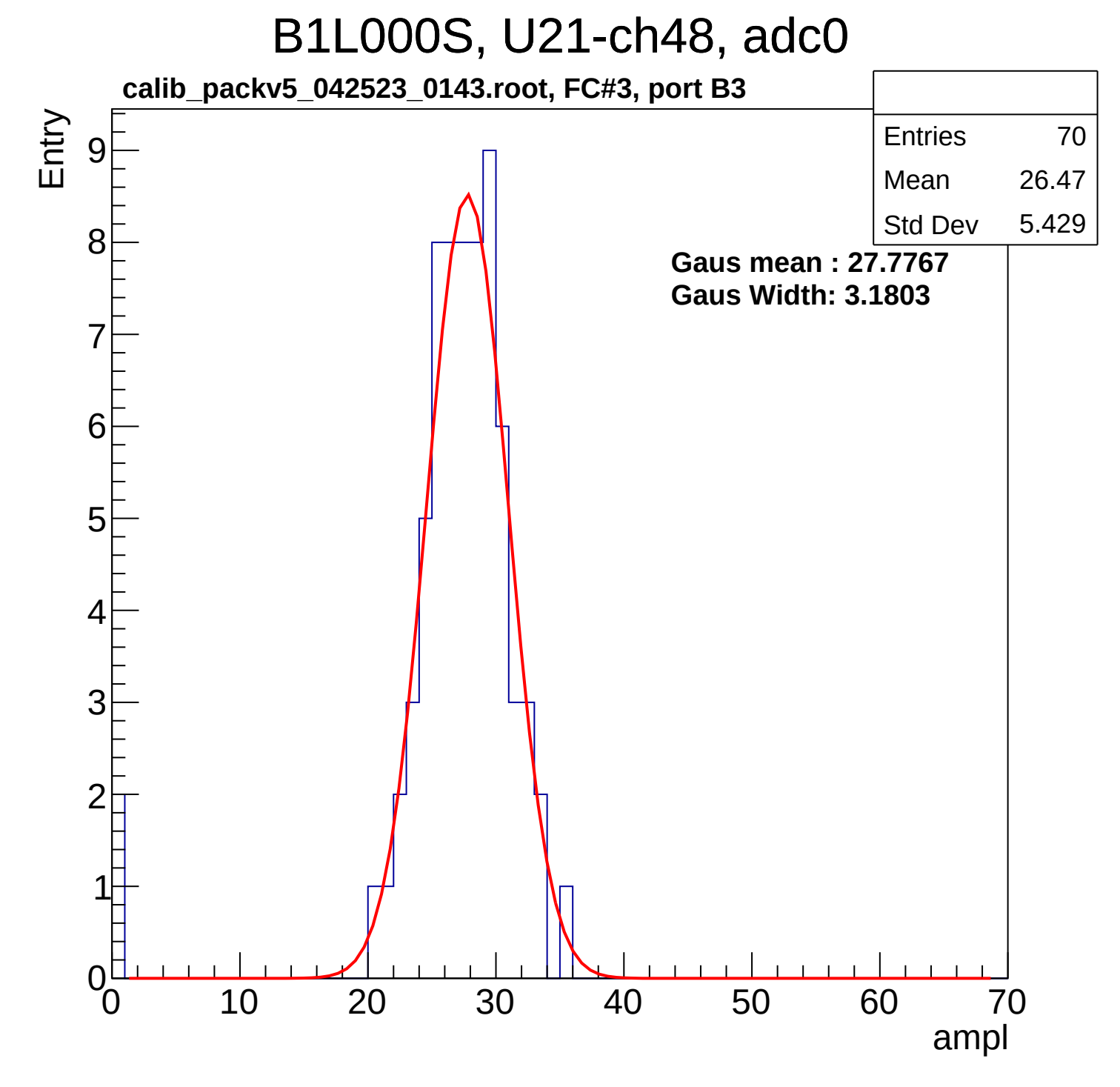

B1L000S, U21-ch47, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 49.51
Std Dev 3.039
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

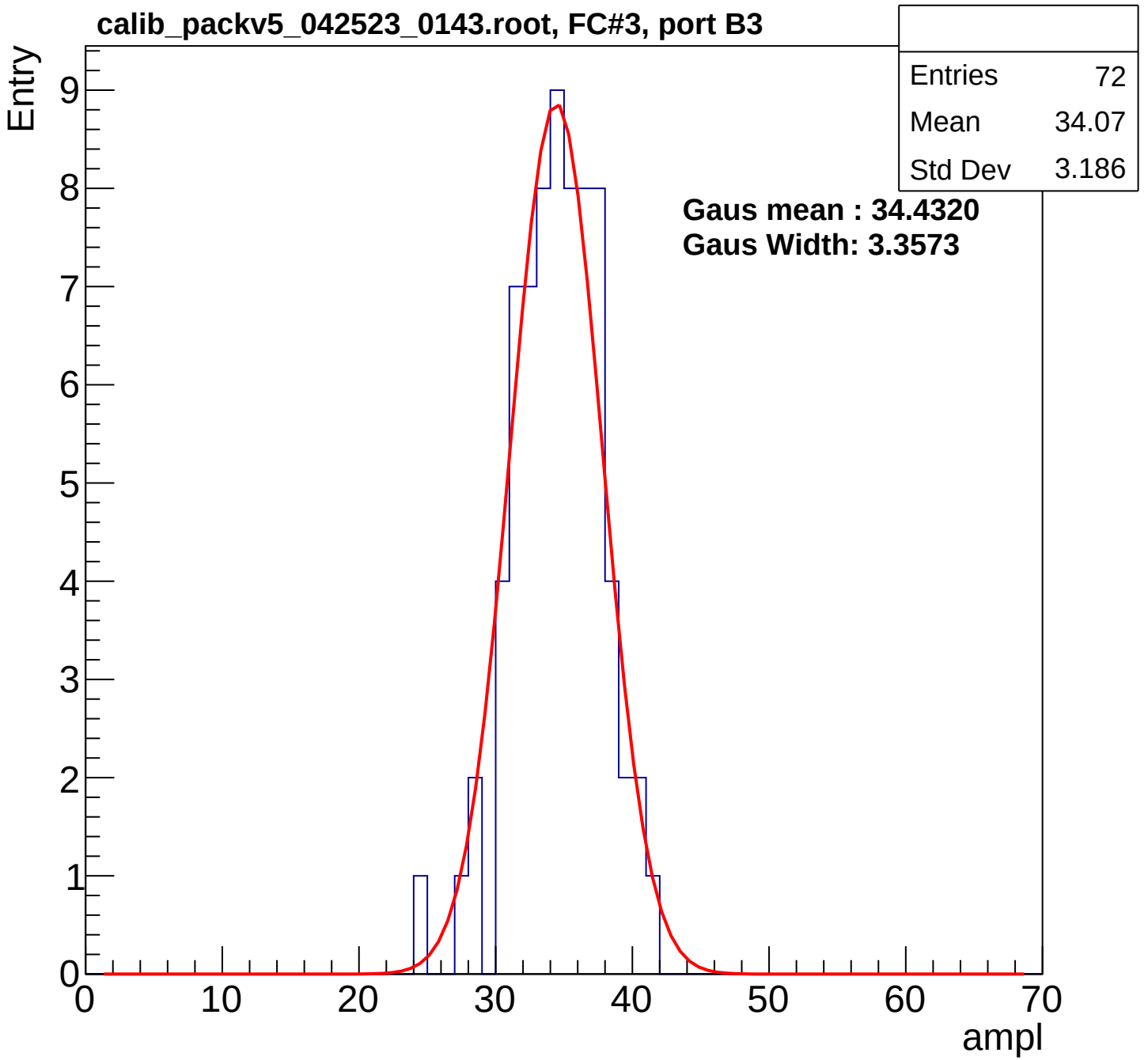

B1L000S, U21-ch47, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 54.9
Std Dev 3.196
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

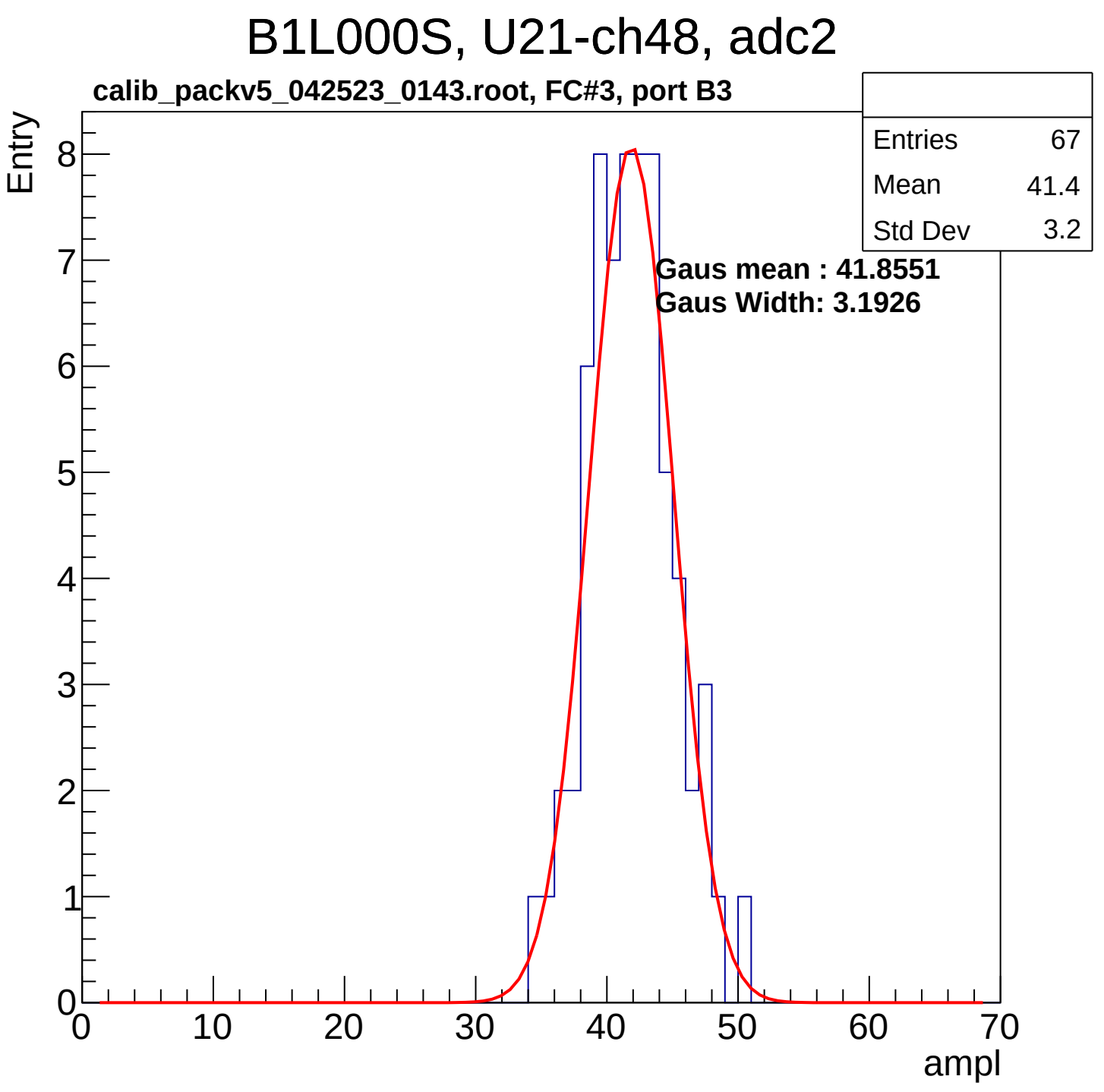

B1L000S, U21-ch47, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 58.93
Std Dev 8.128
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

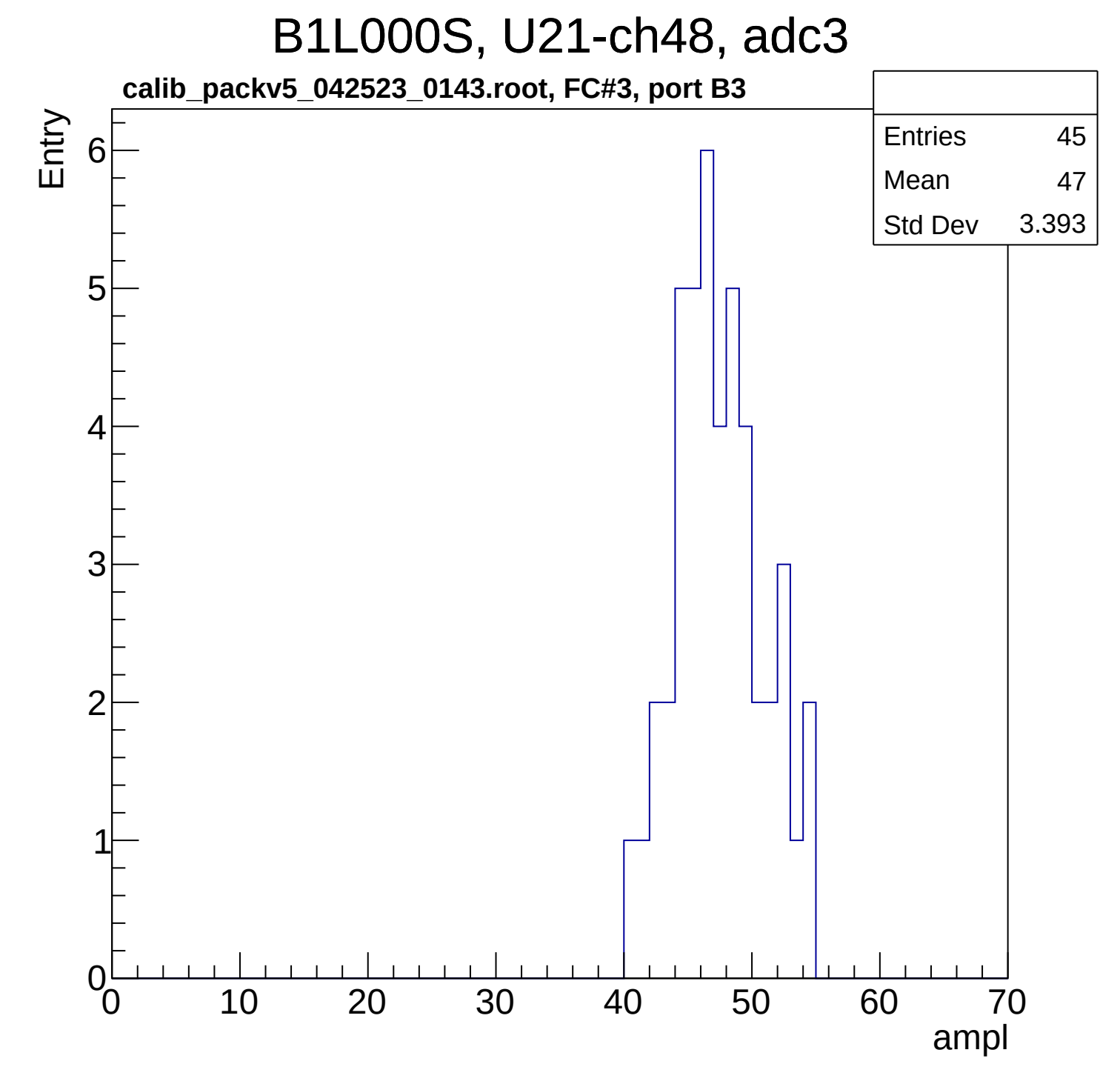

B1L000S, U21-ch47, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

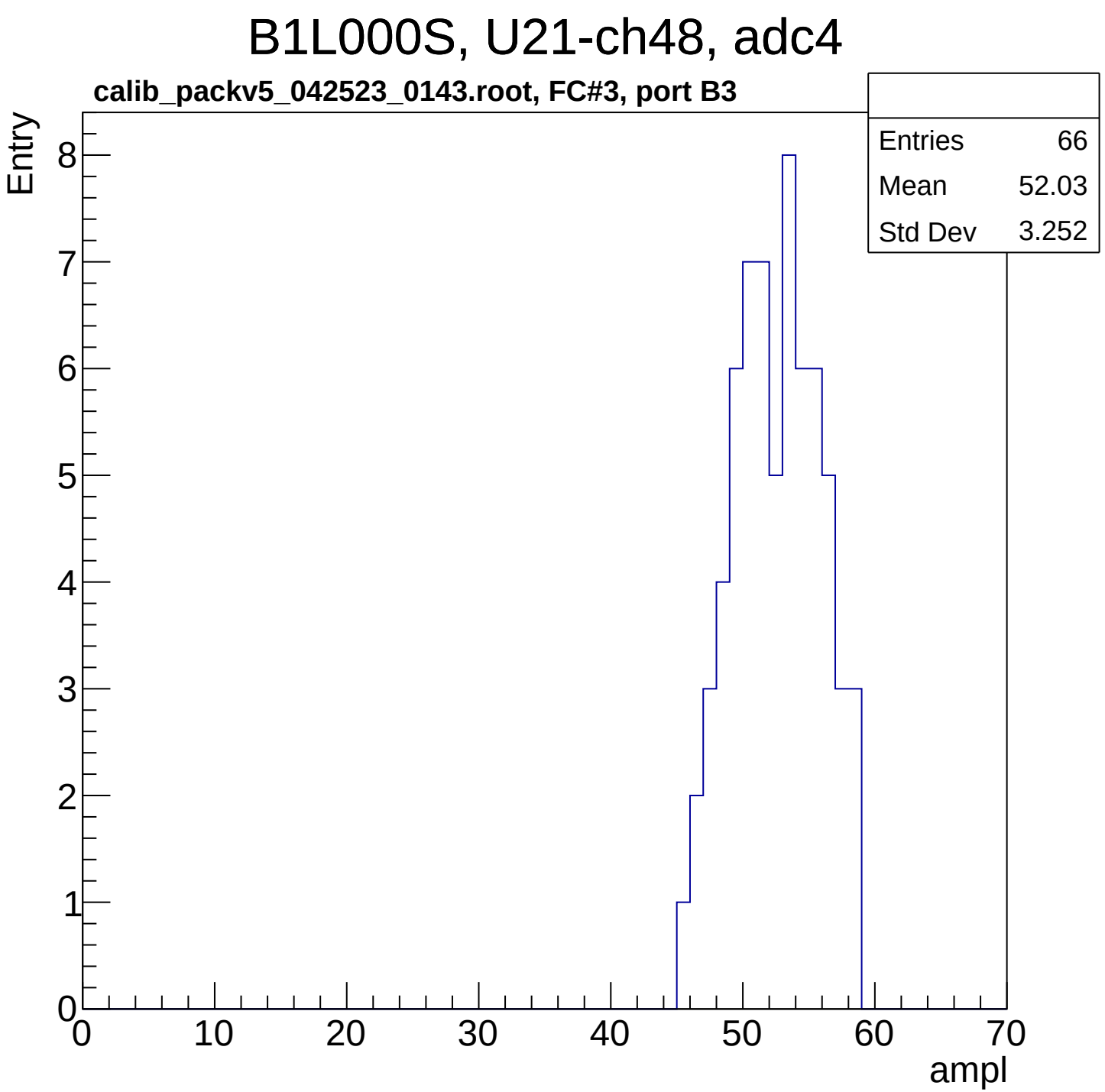

B1L000S, U21-ch47, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

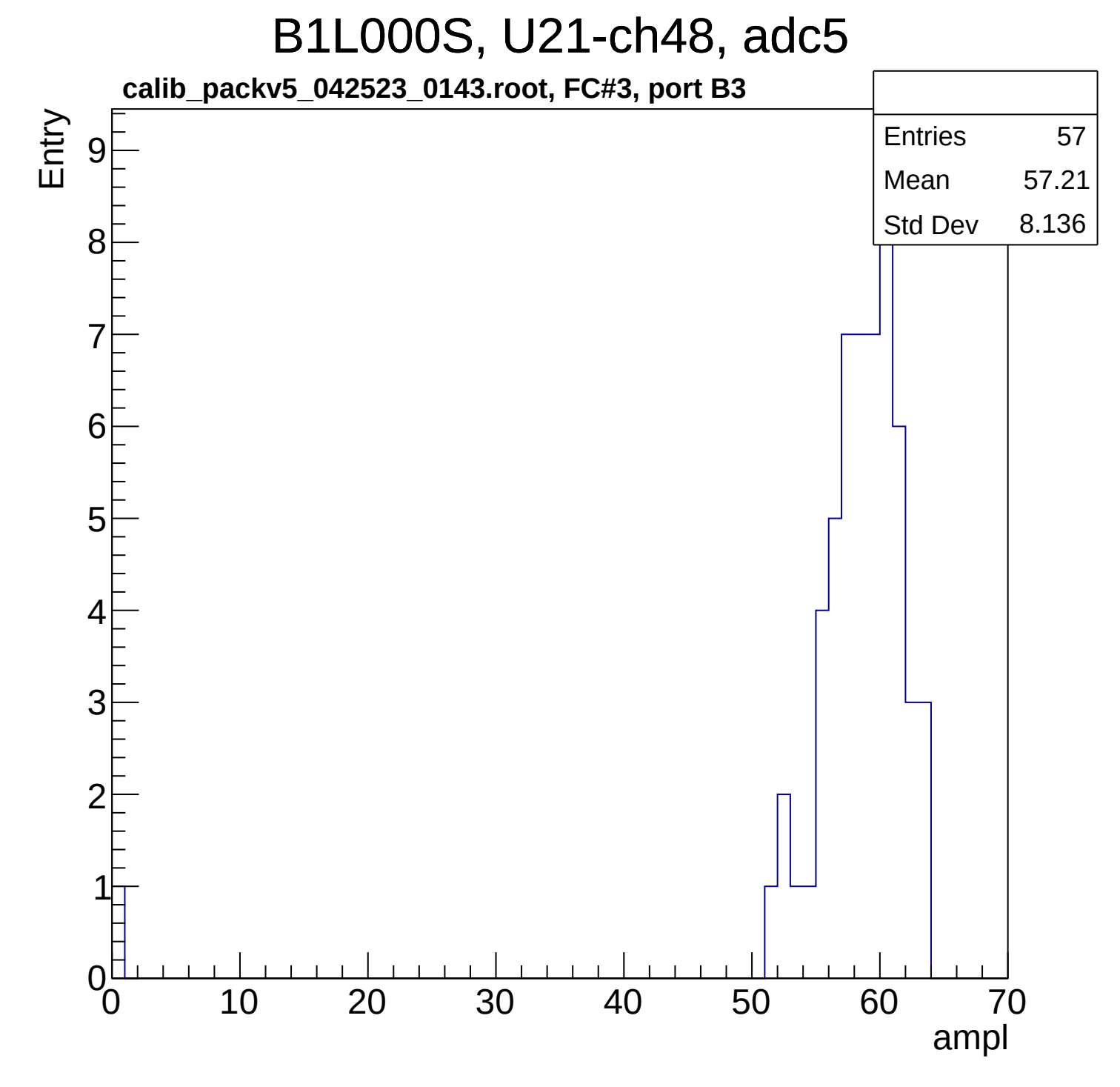

B1L000S, U21-ch48, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 26.47
Std Dev 5.429
Gaus mean : 27.7767
Gaus Width: 3.1803
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

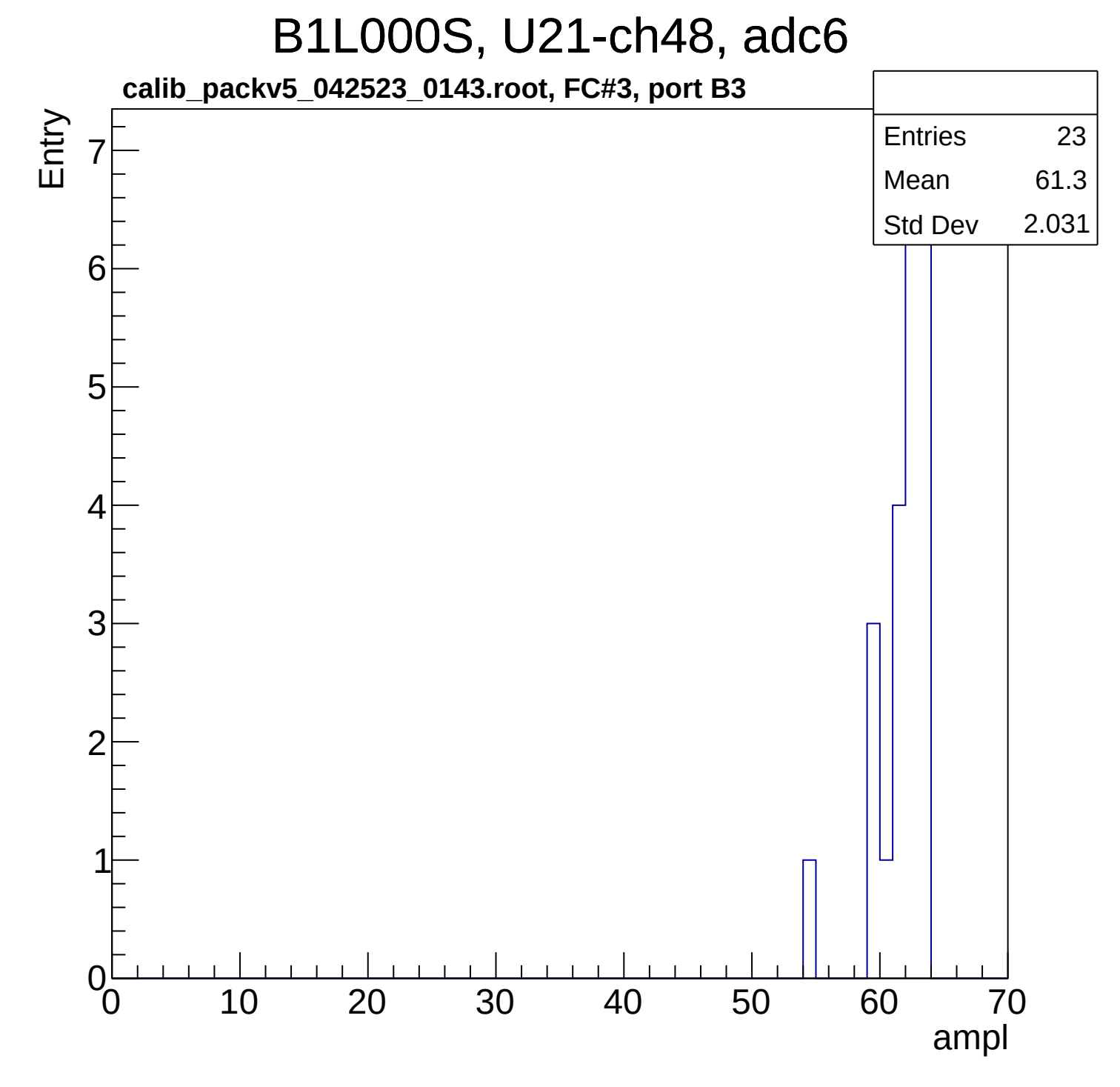

B1L000S, U21-ch48, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 34.07
Std Dev 3.186
Gaus mean : 34.4320
Gaus Width: 3.3573
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

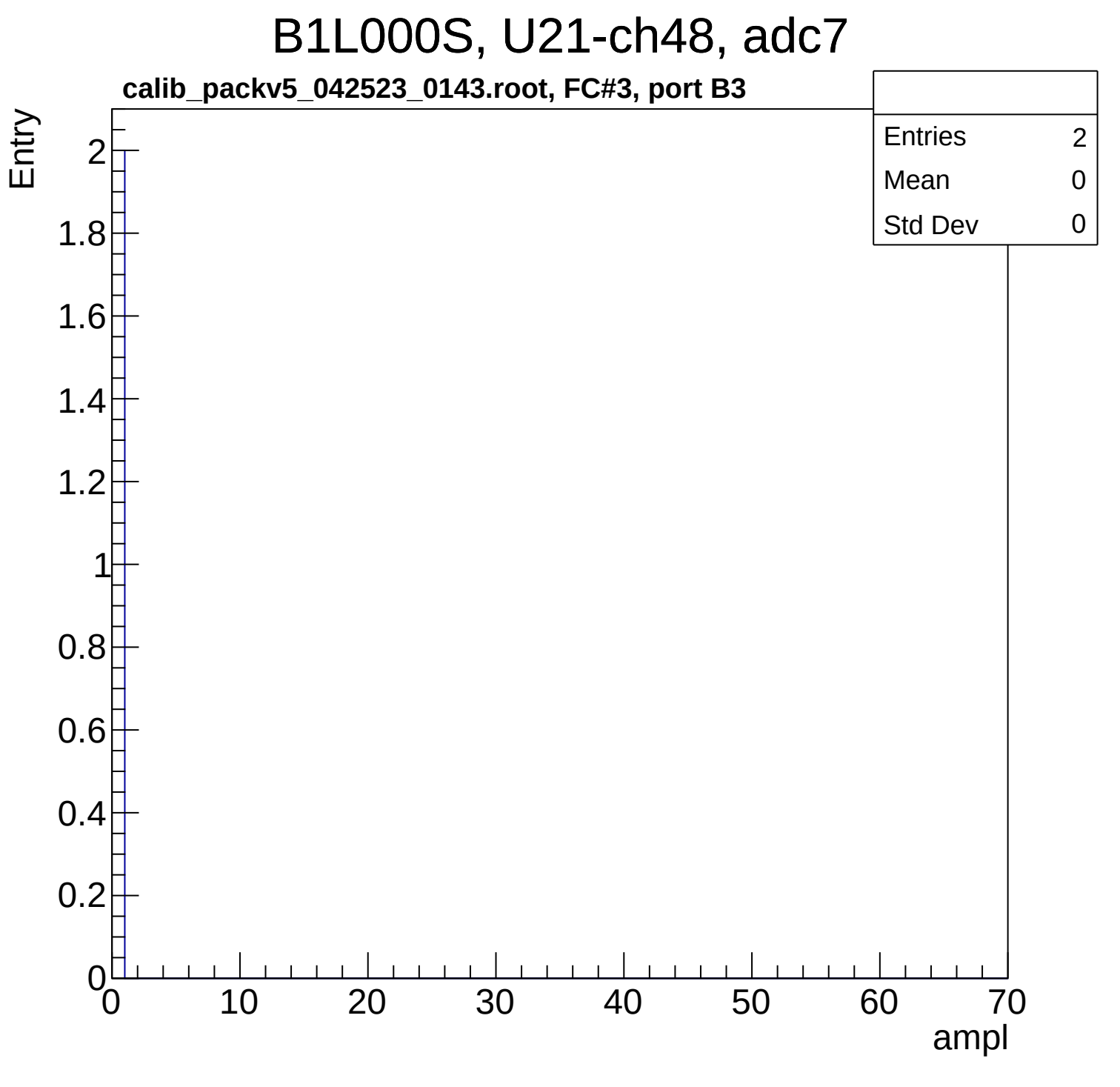

B1L000S, U21-ch48, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 41.4
Std Dev 3.2
Gaus mean : 41.8551
Gaus Width: 3.1926
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

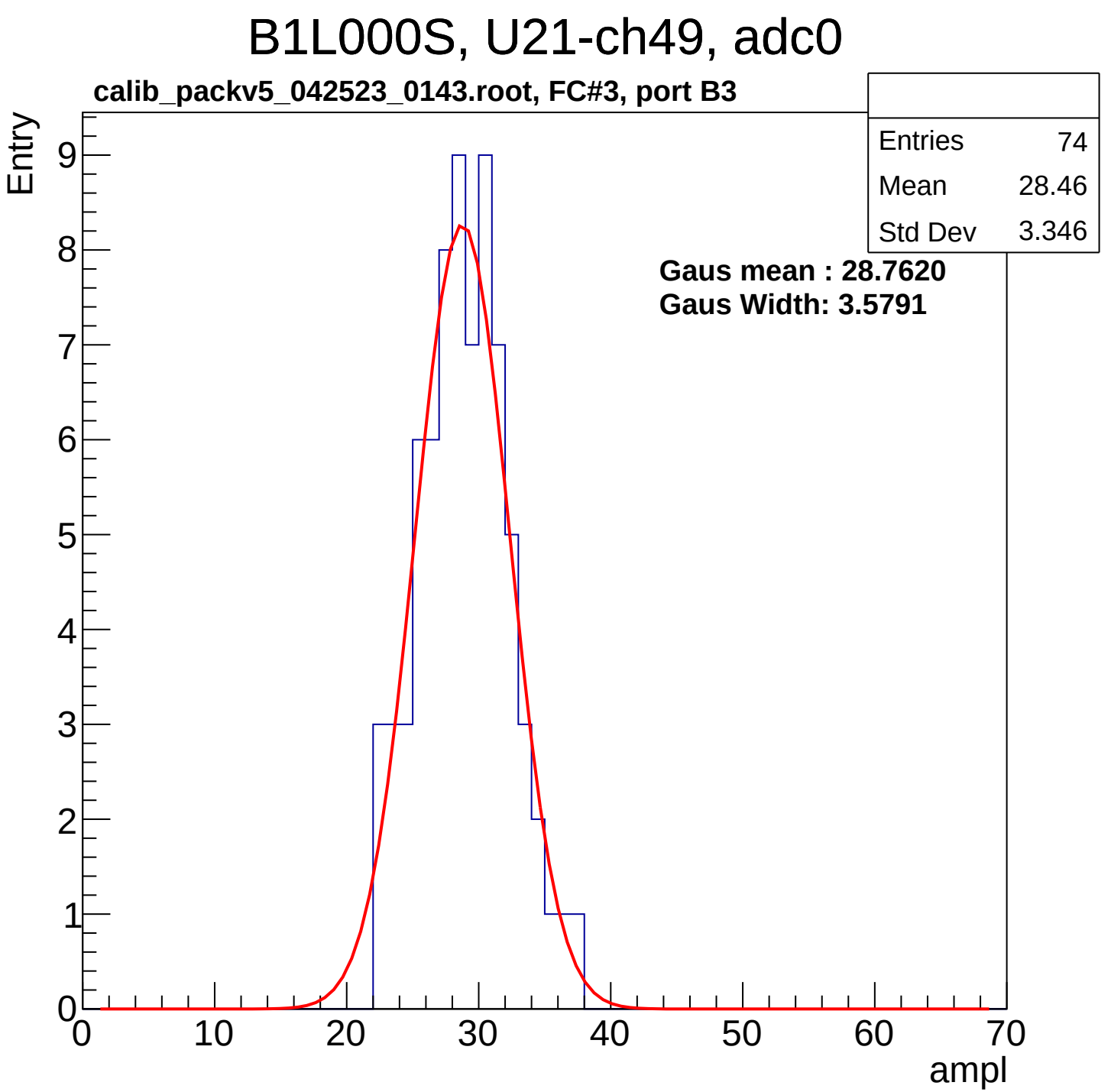

B1L000S, U21-ch48, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 47
Std Dev 3.393
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

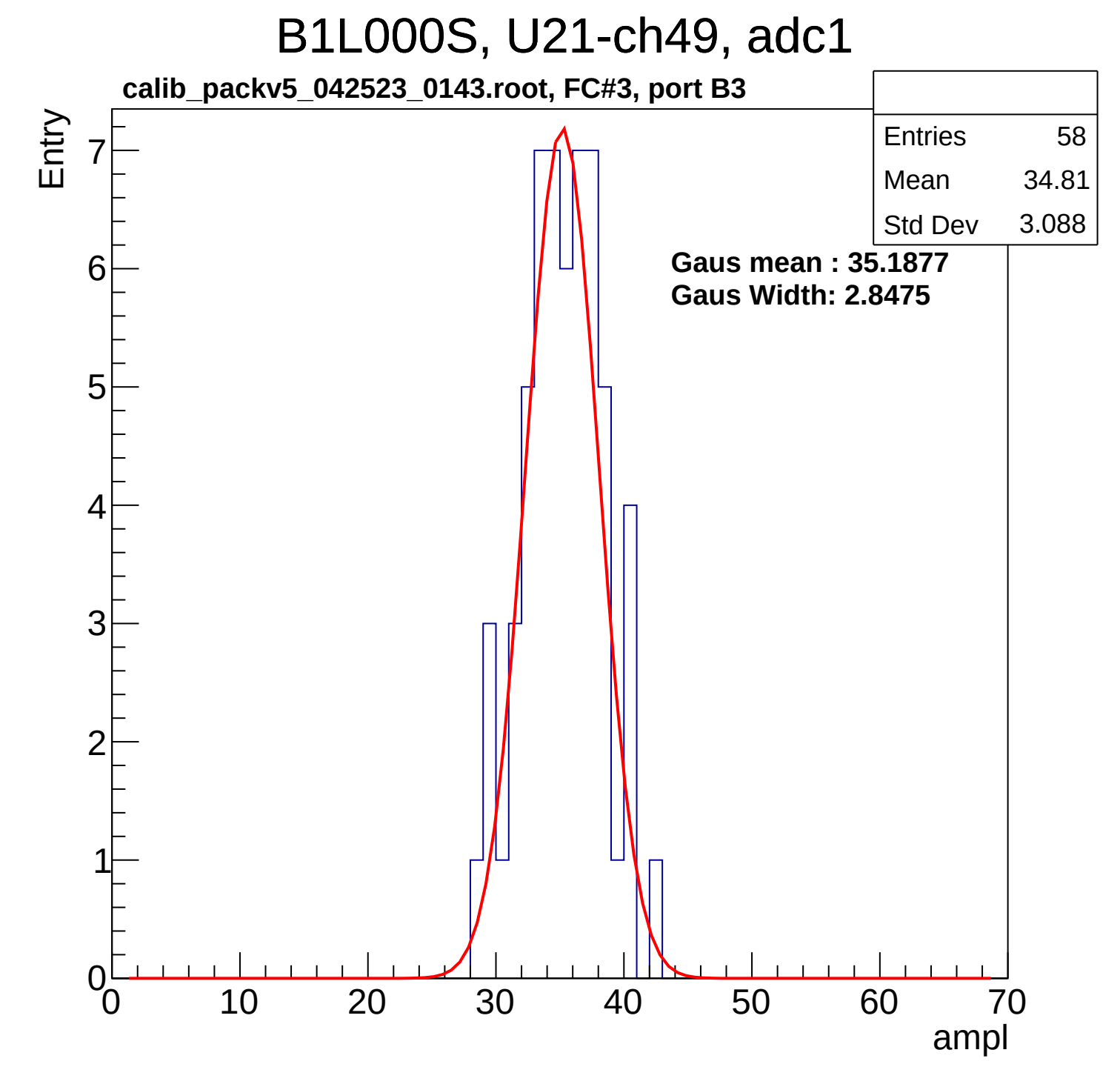

B1L000S, U21-ch48, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 52.03
Std Dev 3.252
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

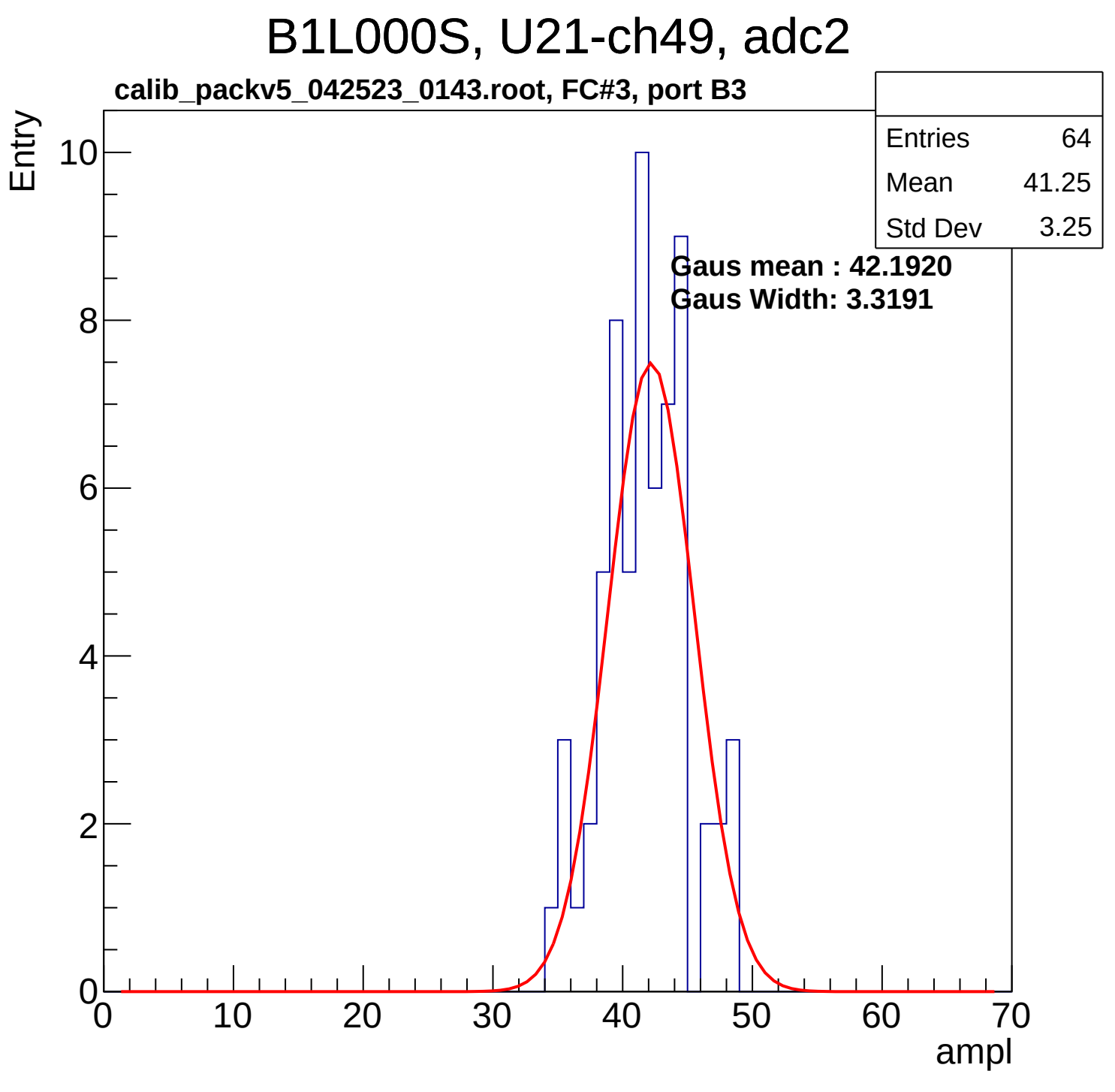

B1L000S, U21-ch48, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 57.21
Std Dev 8.136
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

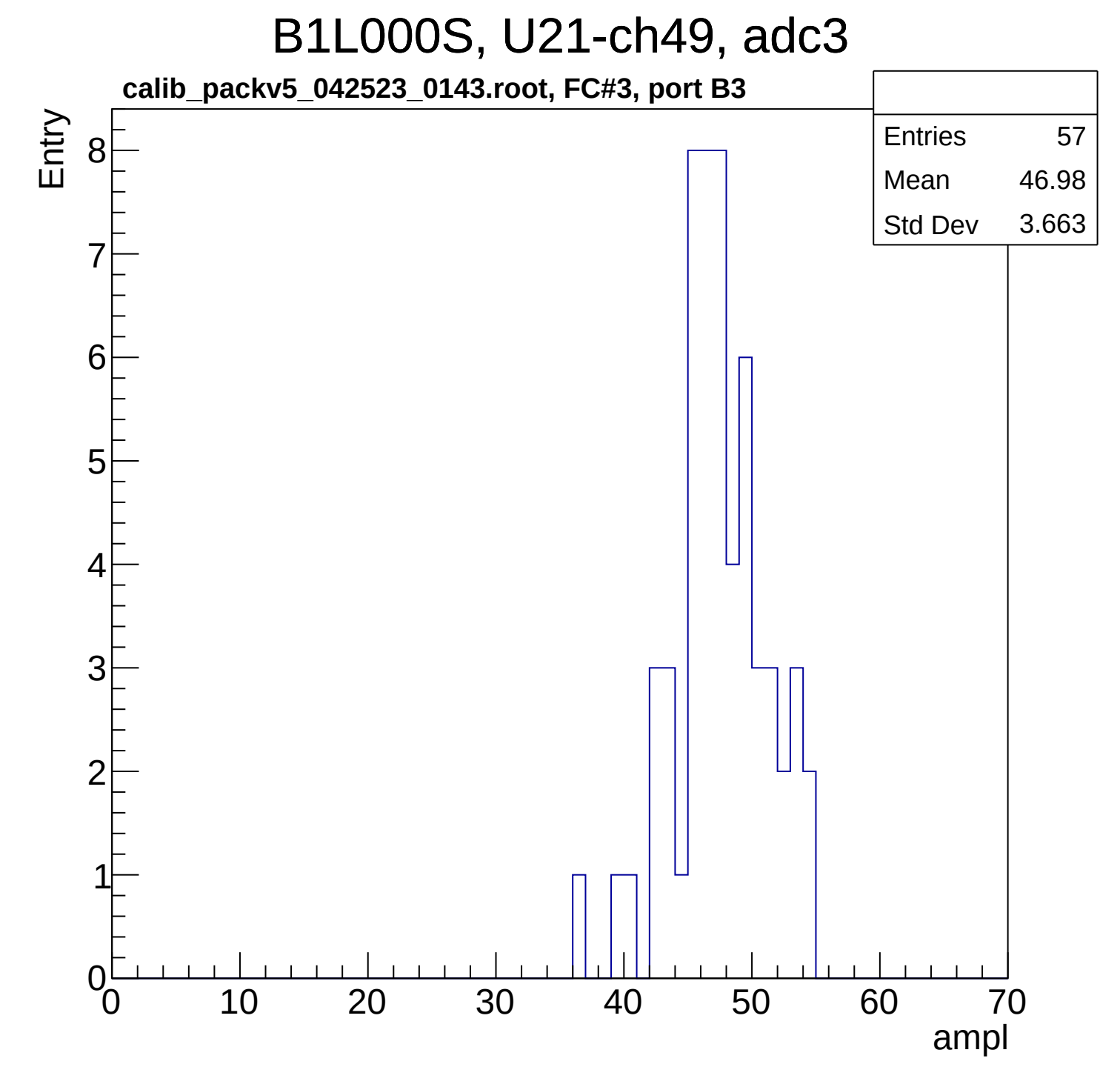

B1L000S, U21-ch48, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 23
Mean 61.3
Std Dev 2.031
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

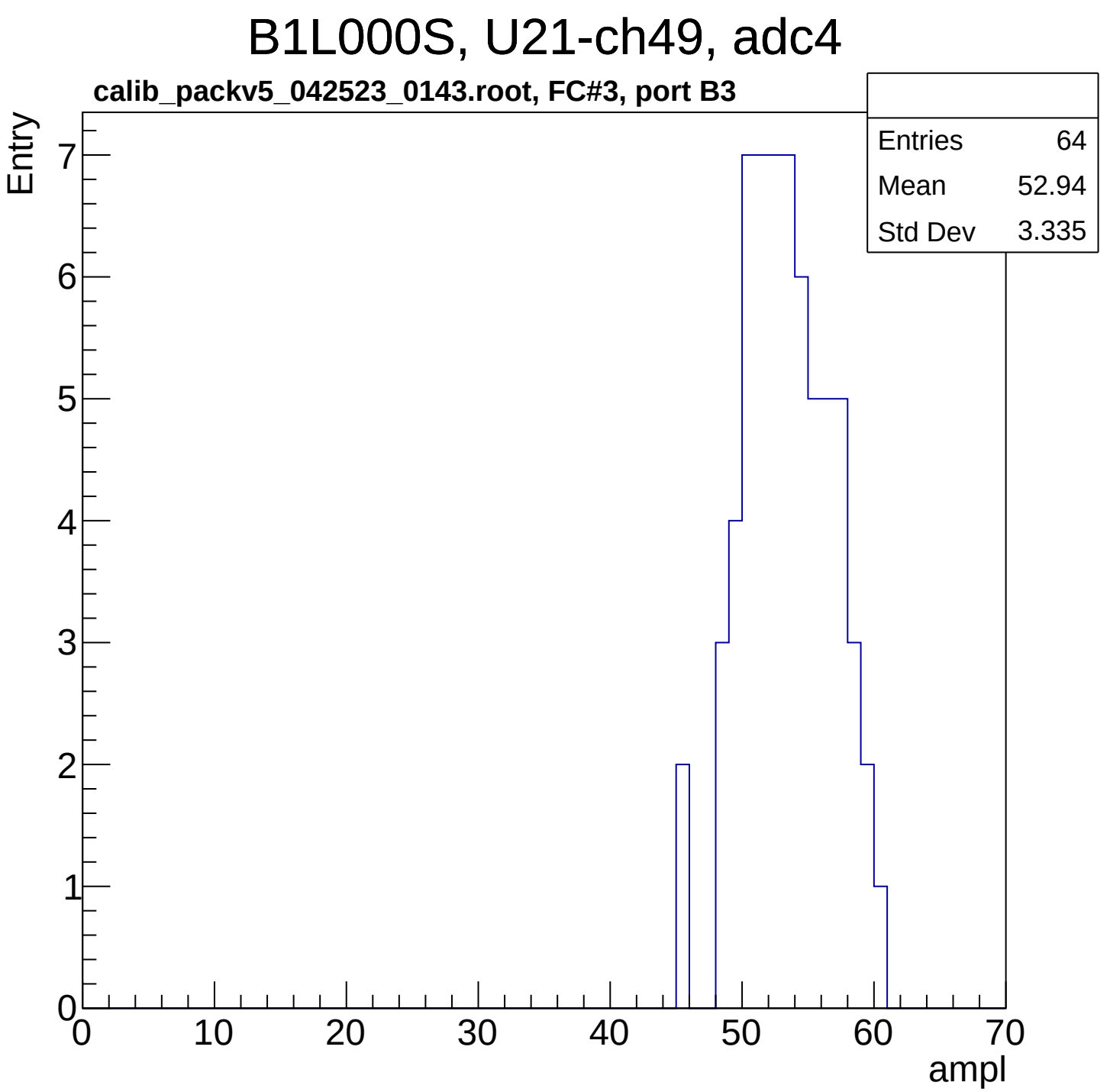

B1L000S, U21-ch48, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

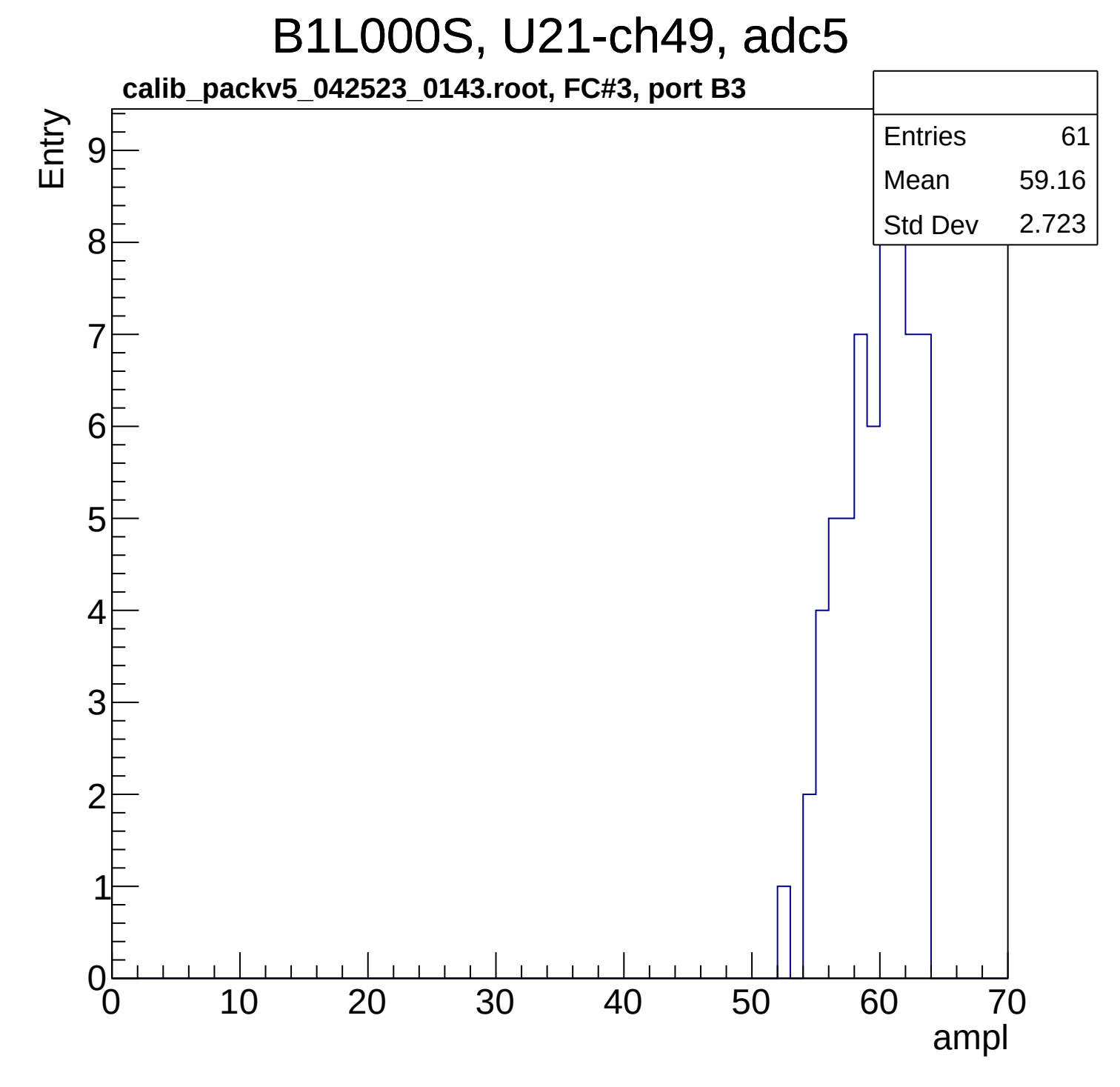

B1L000S, U21-ch49, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 28.46
Std Dev 3.346
Gaus mean : 28.7620
Gaus Width: 3.5791
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

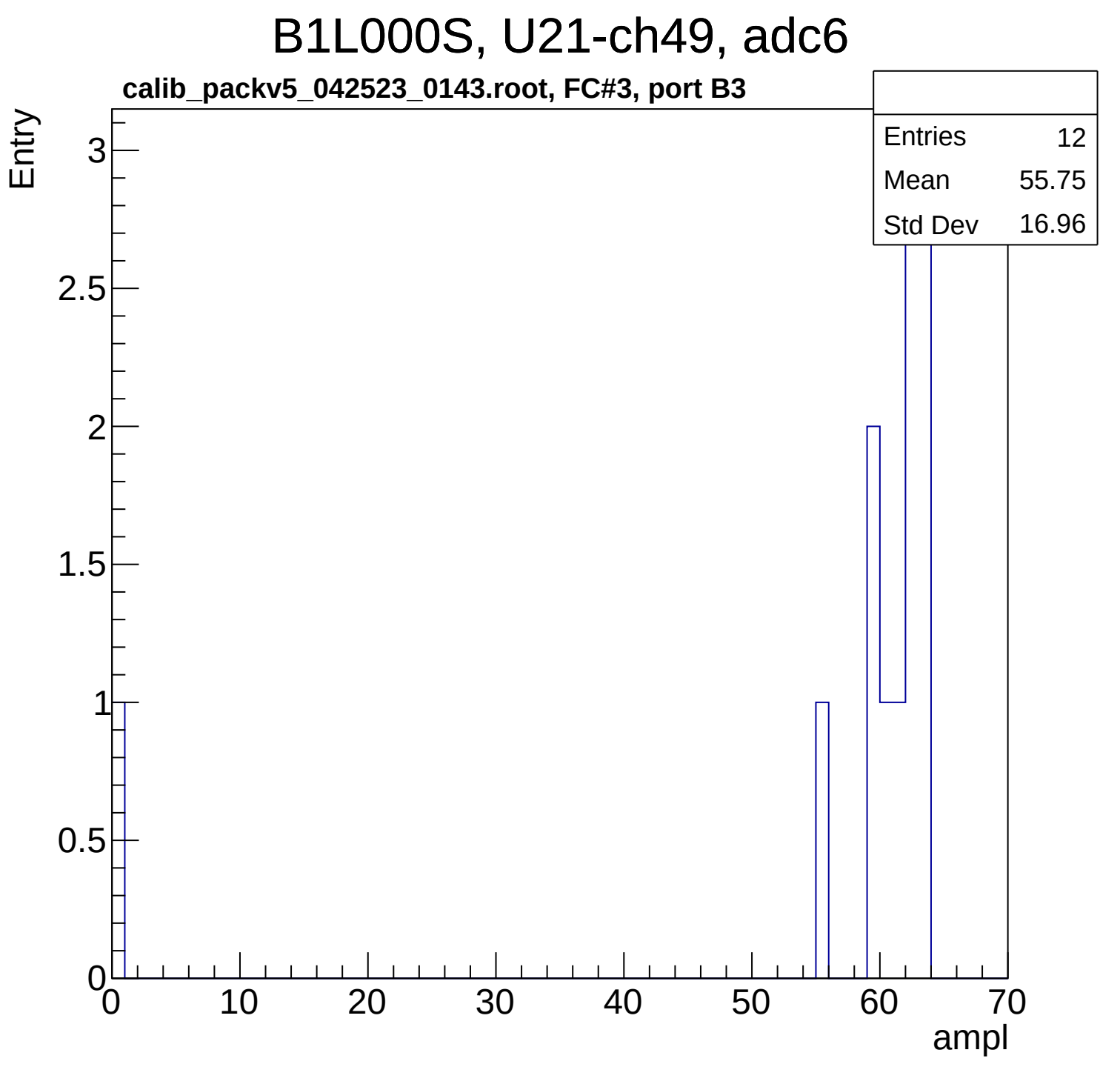

B1L000S, U21-ch49, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 34.81
Std Dev 3.088
Gaus mean : 35.1877
Gaus Width: 2.8475
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

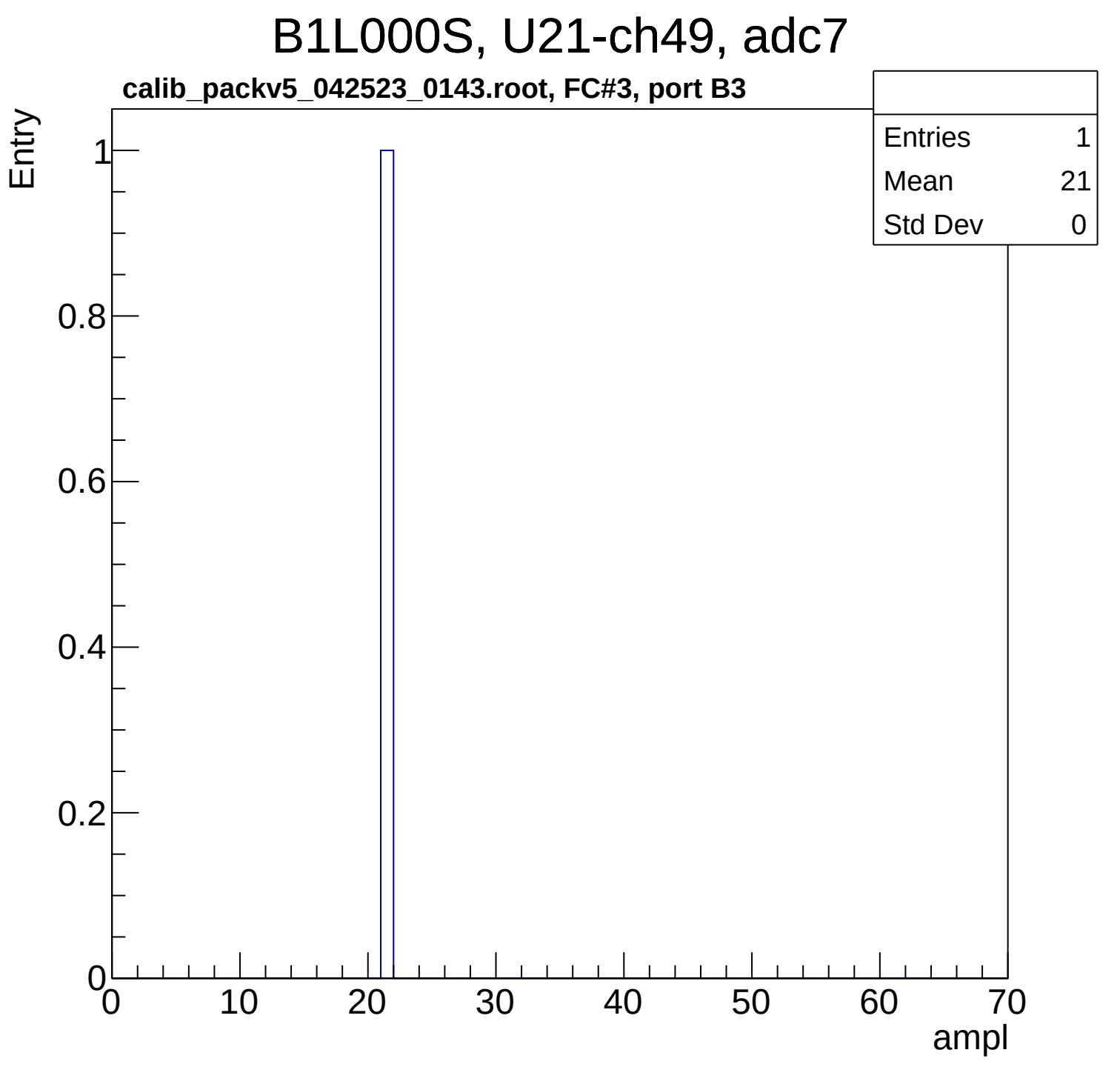

B1L000S, U21-ch49, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 41.25
Std Dev 3.25
Gaus mean : 42.1920
Gaus Width: 3.3191
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

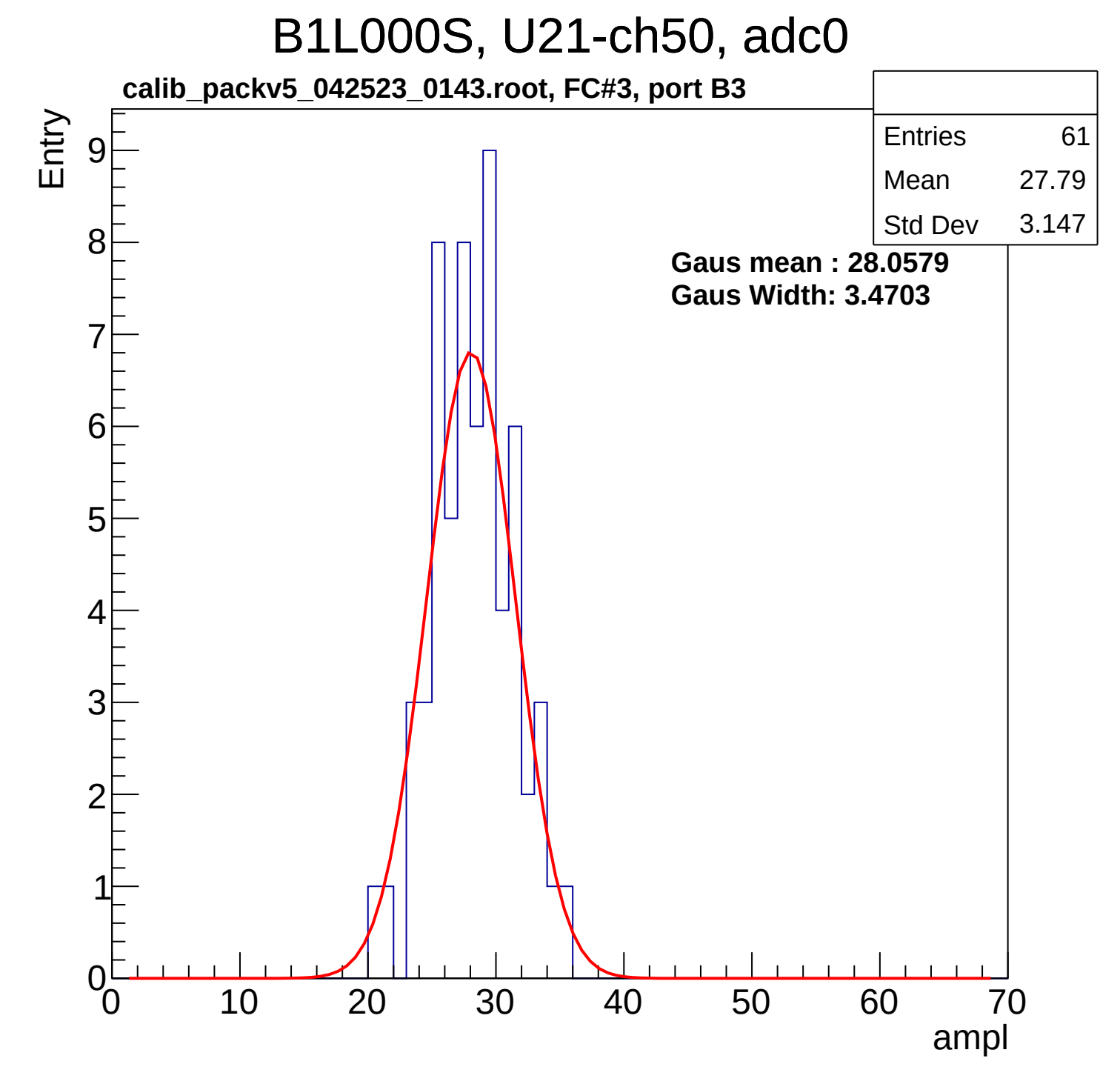

B1L000S, U21-ch49, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 46.98
Std Dev 3.663
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

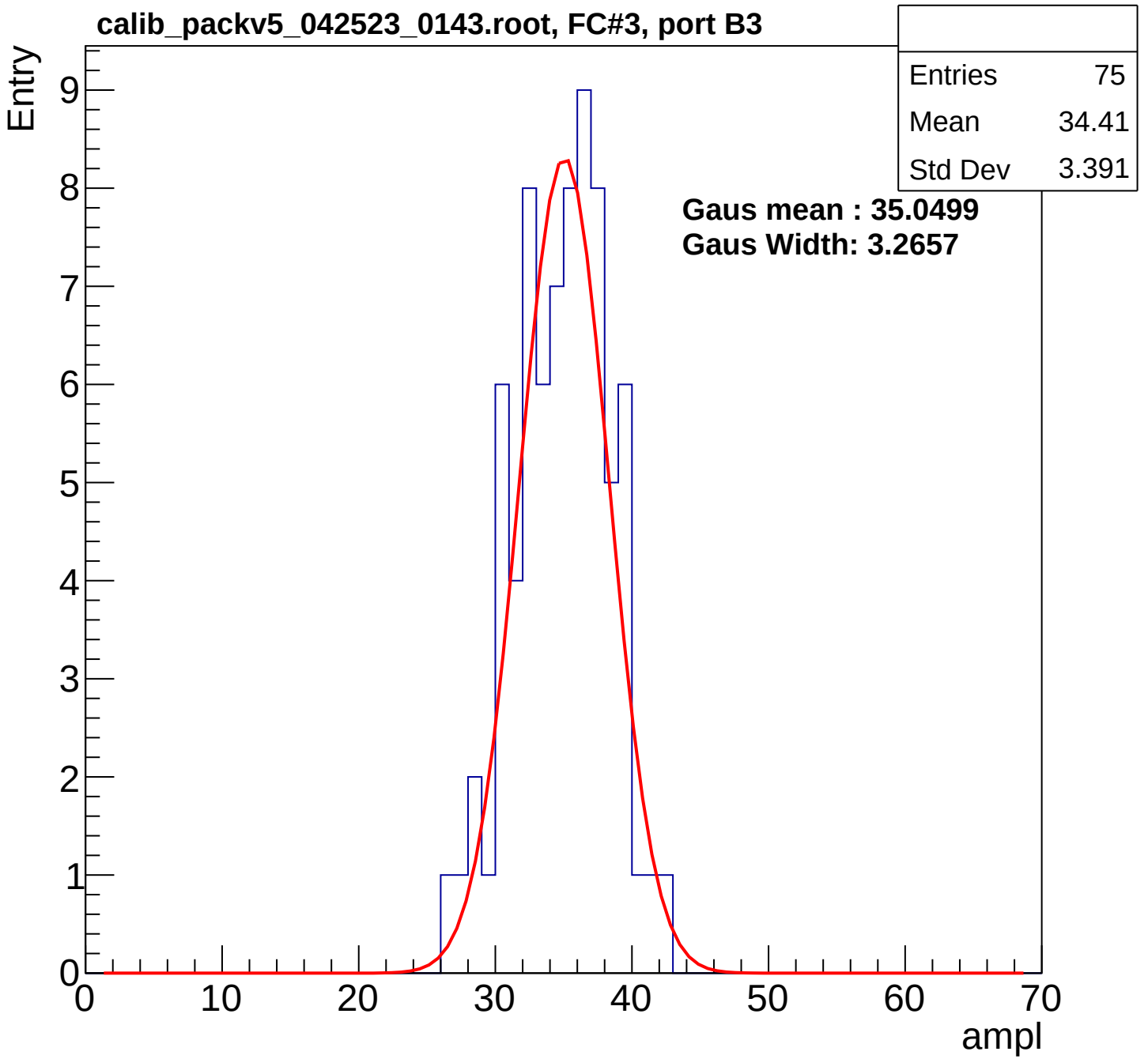

B1L000S, U21-ch49, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 52.94
Std Dev 3.335
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

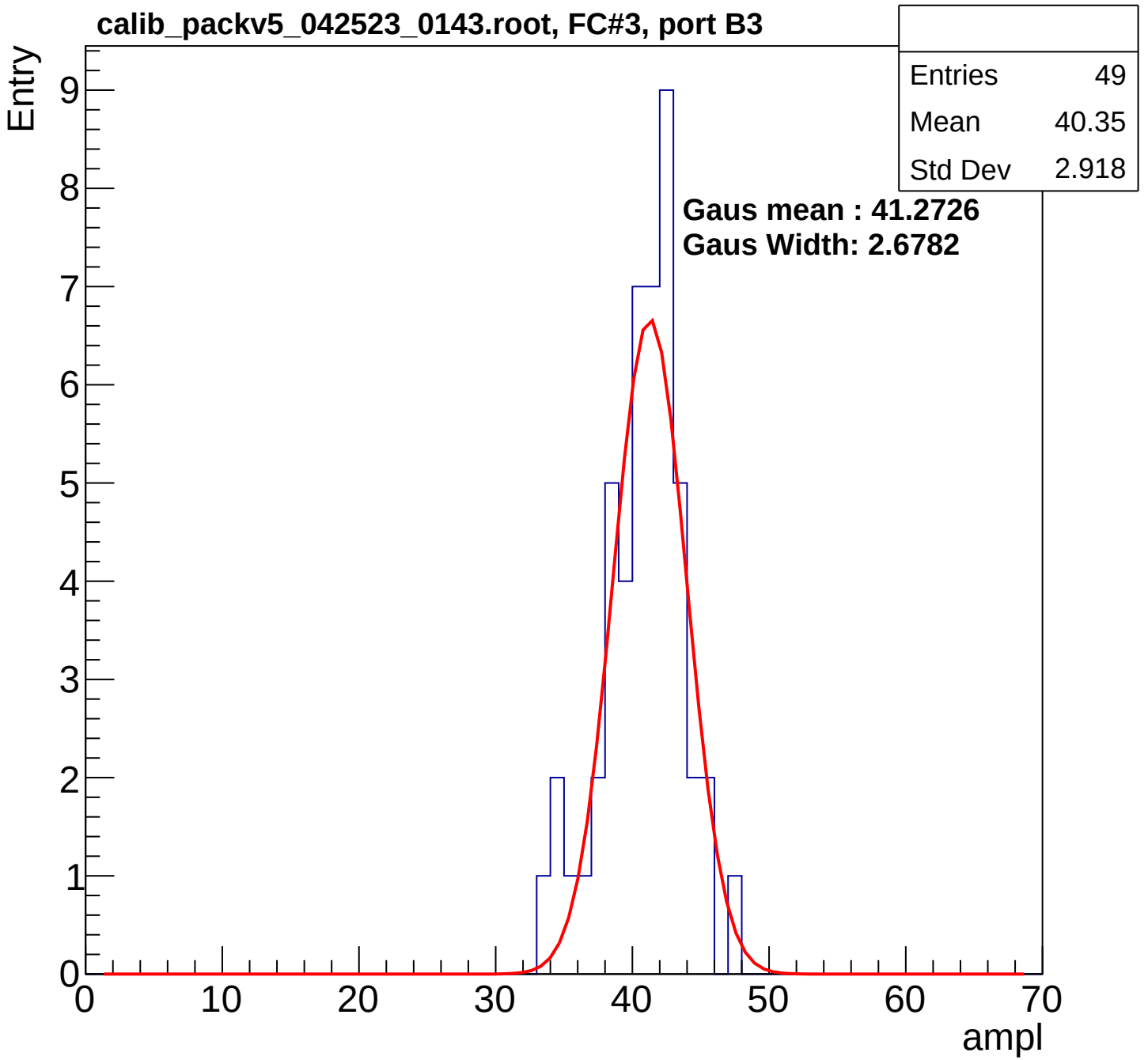

B1L000S, U21-ch49, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 59.16
Std Dev 2.723
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

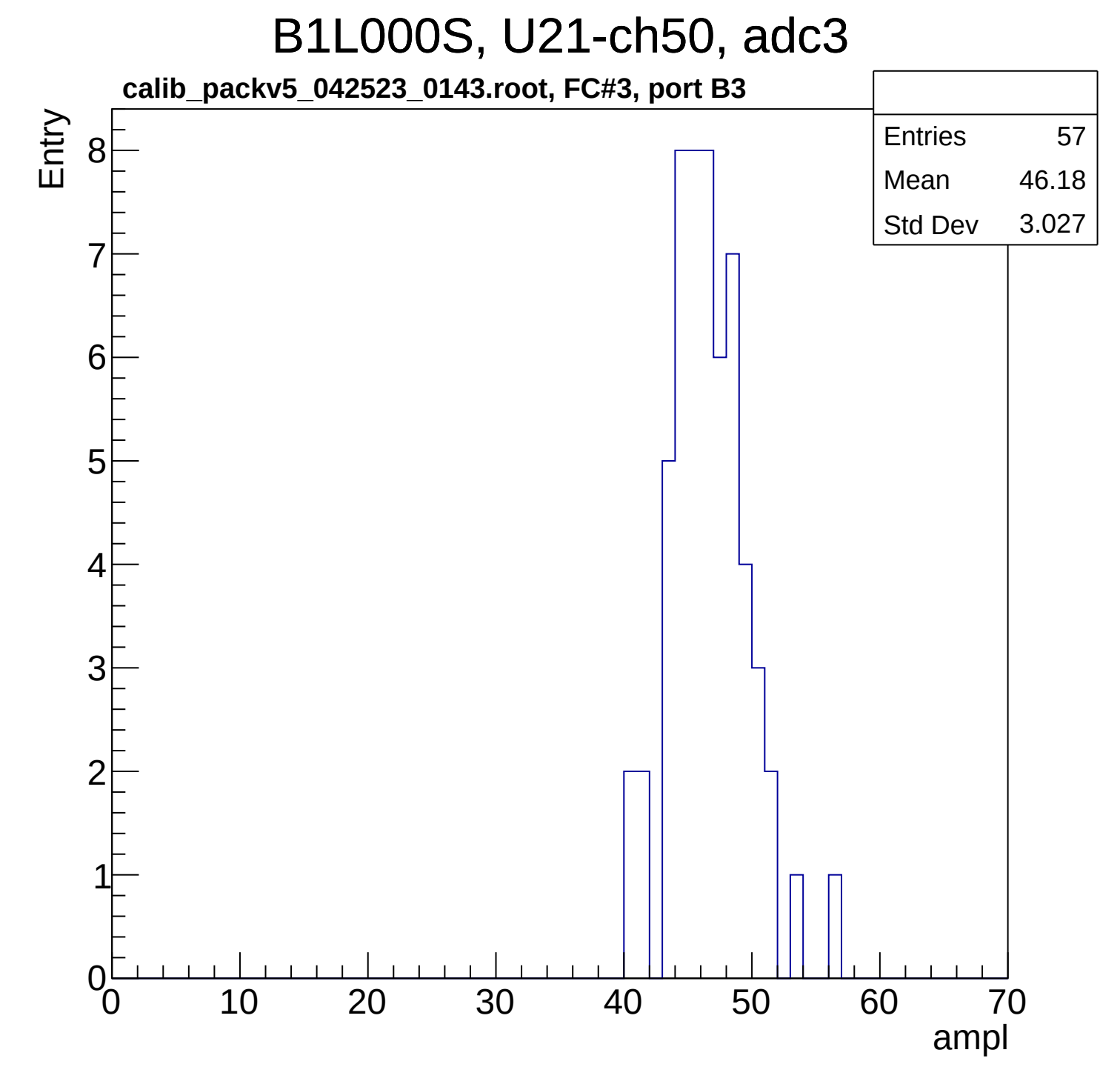

B1L000S, U21-ch49, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 55.75
Std Dev 16.96
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

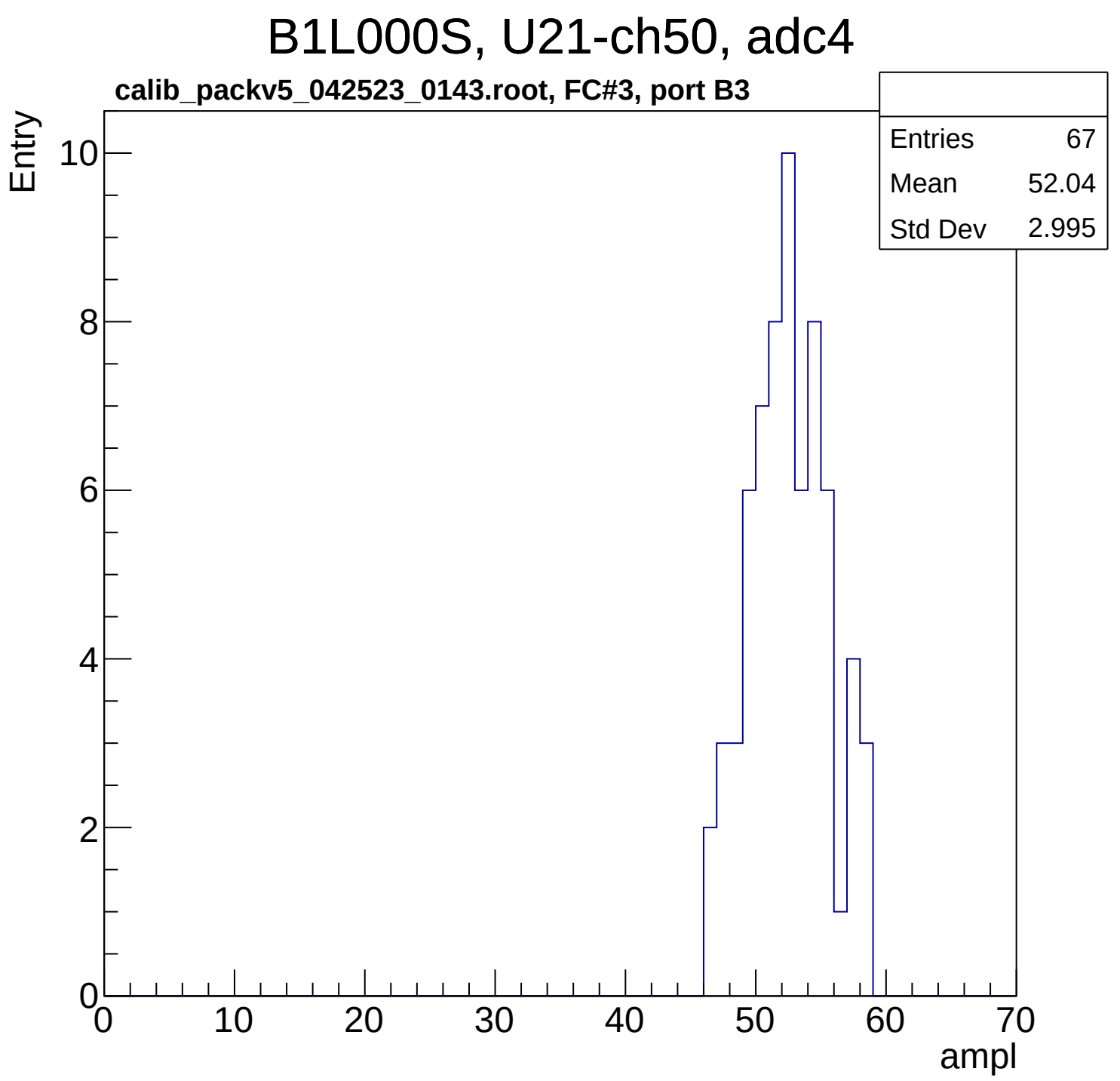

B1L000S, U21-ch49, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 21
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

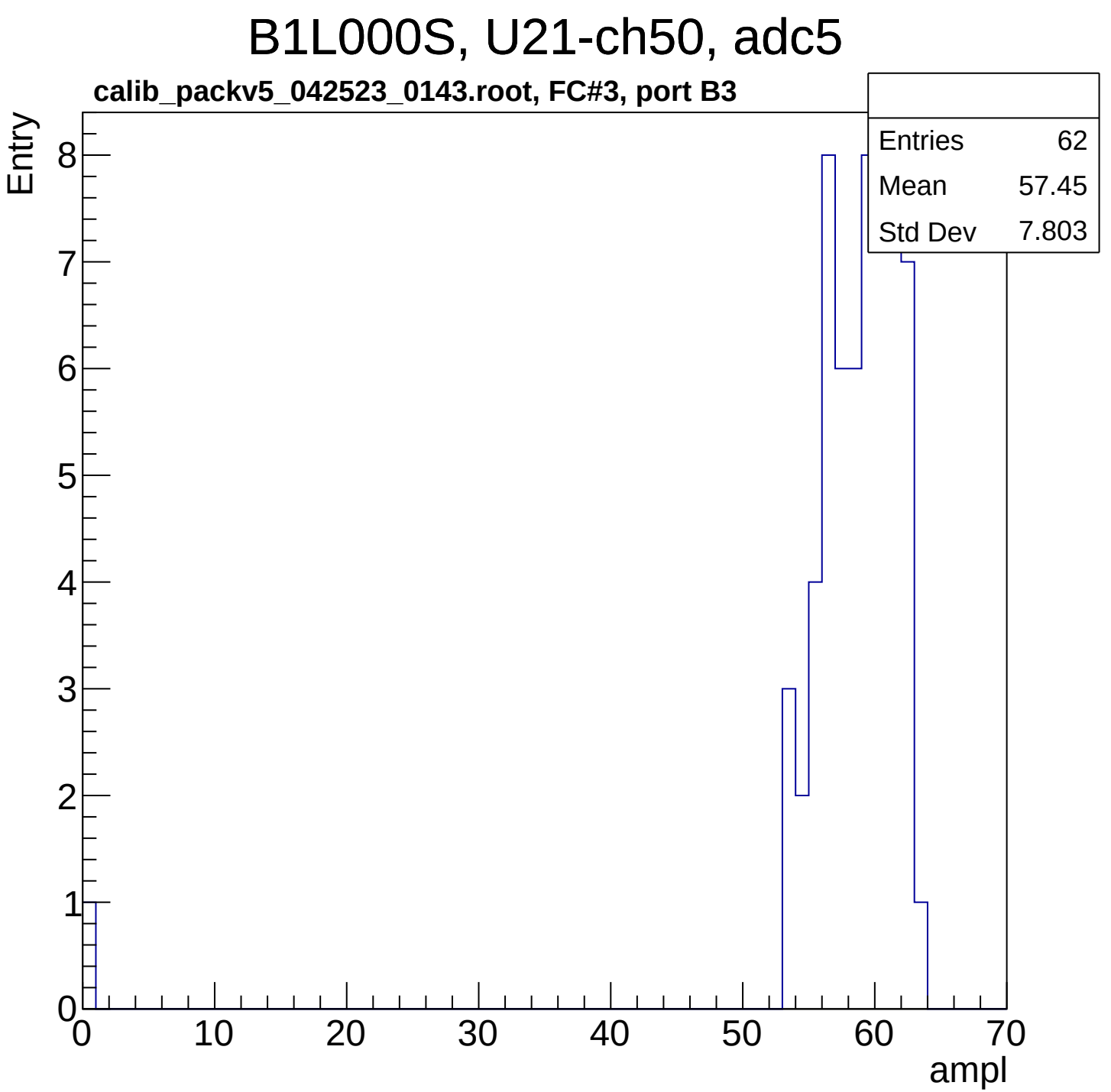

B1L000S, U21-ch50, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 27.79
Std Dev 3.147
Gaus mean : 28.0579
Gaus Width: 3.4703
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

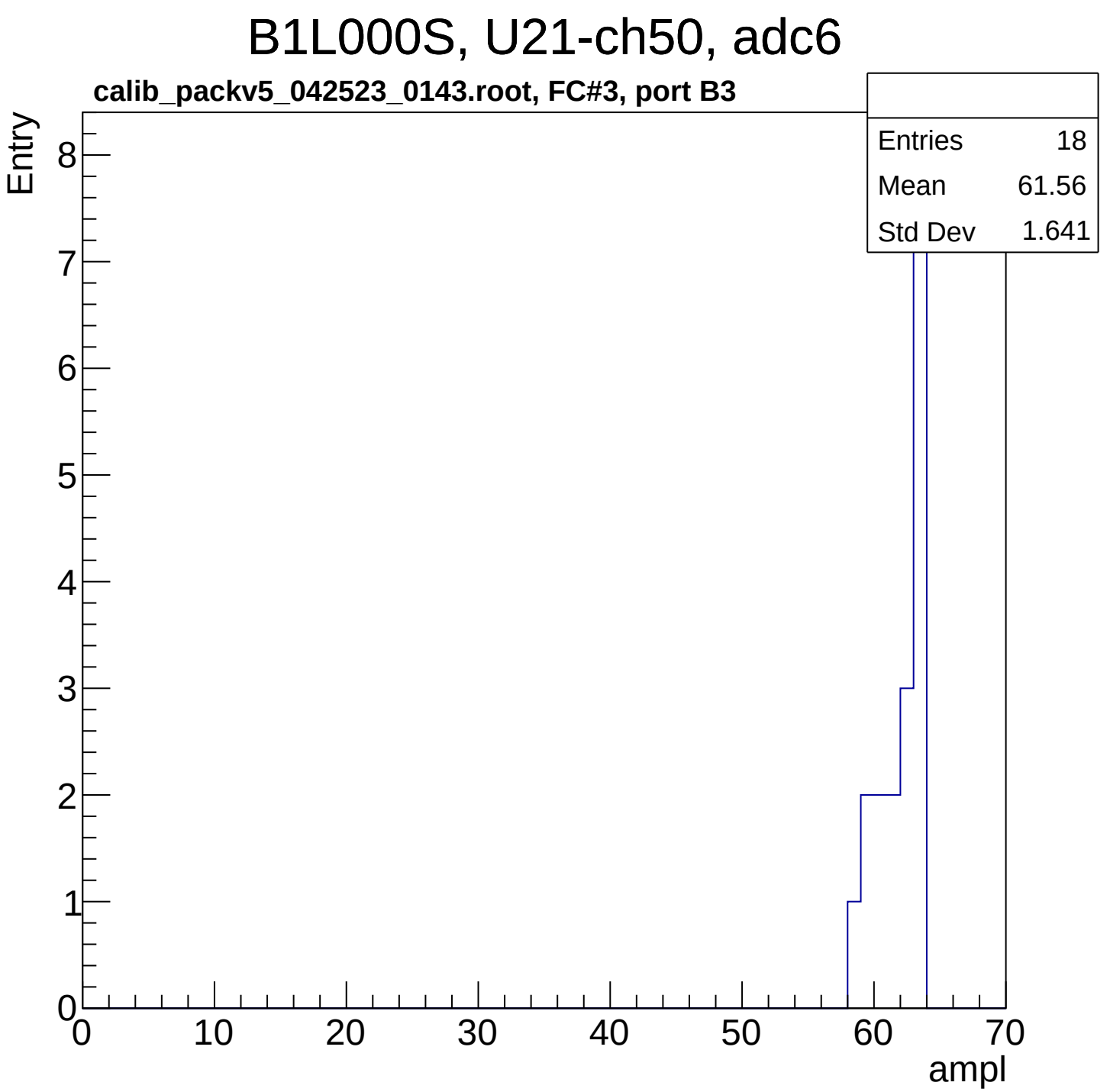

B1L000S, U21-ch50, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 34.41
Std Dev 3.391
Gaus mean : 35.0499
Gaus Width: 3.2657
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

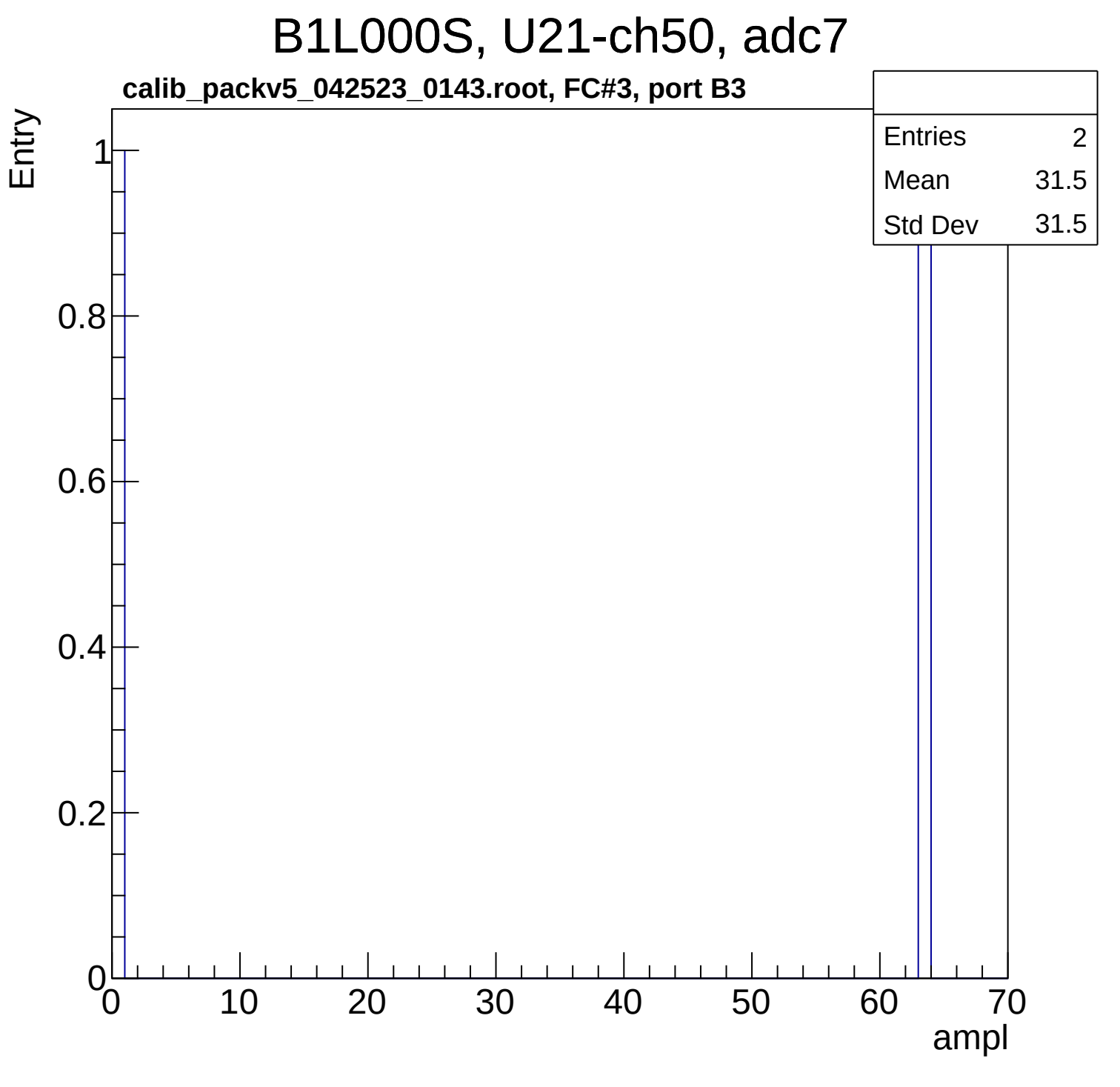

B1L000S, U21-ch50, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 40.35
Std Dev 2.918
Gaus mean : 41.2726
Gaus Width: 2.6782
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

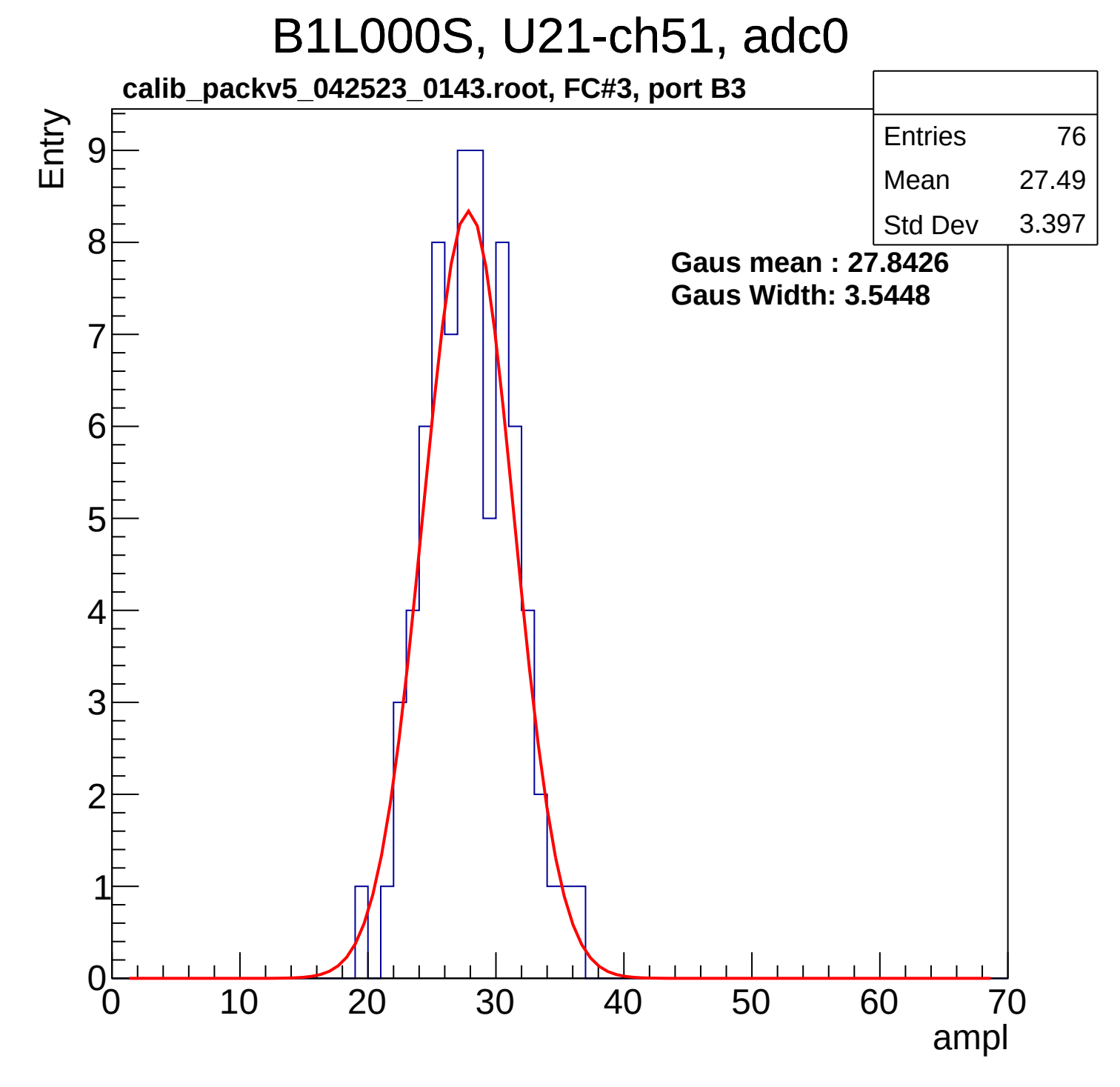

B1L000S, U21-ch50, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 46.18
Std Dev 3.027
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

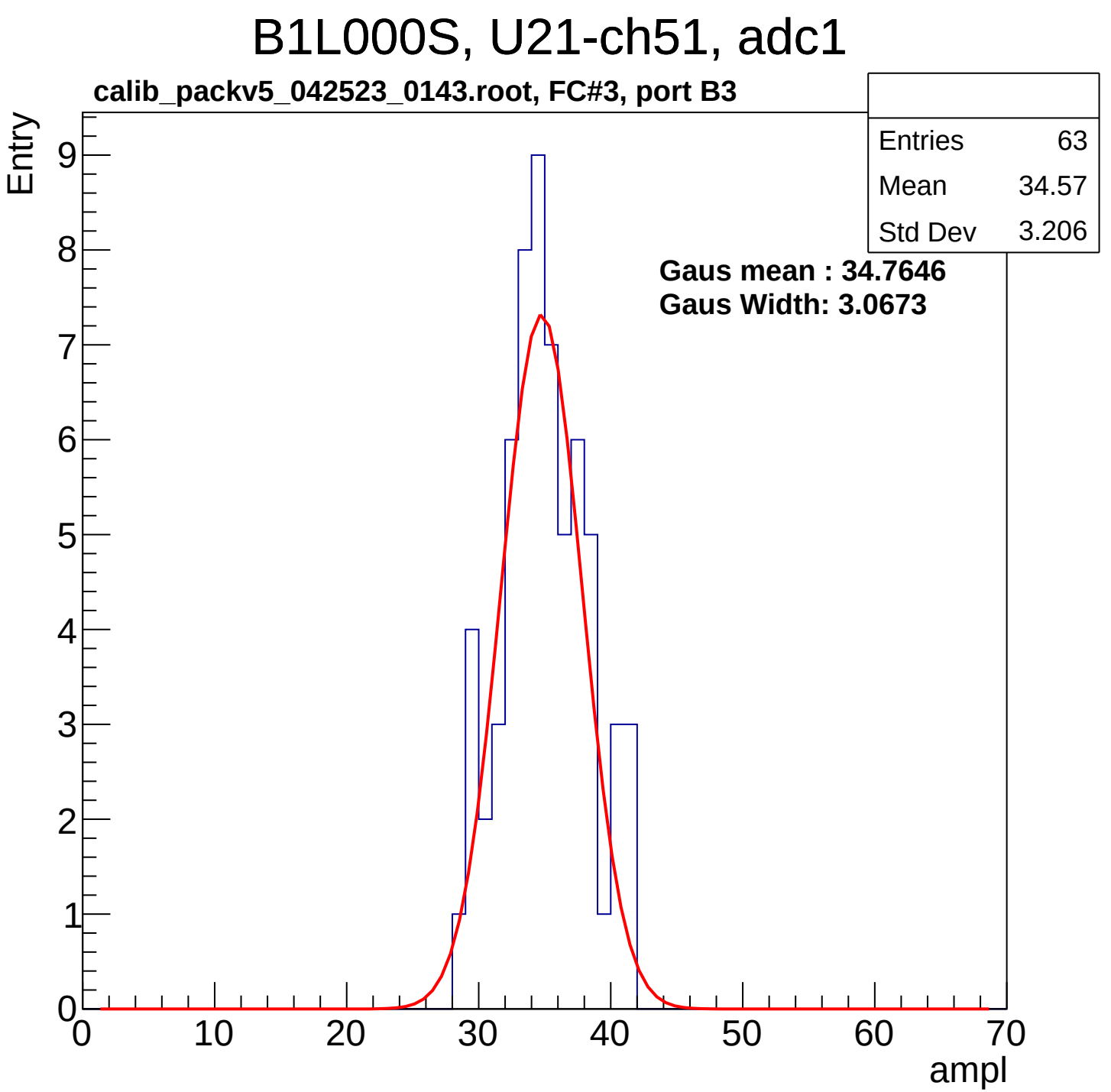

B1L000S, U21-ch50, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 52.04
Std Dev 2.995
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

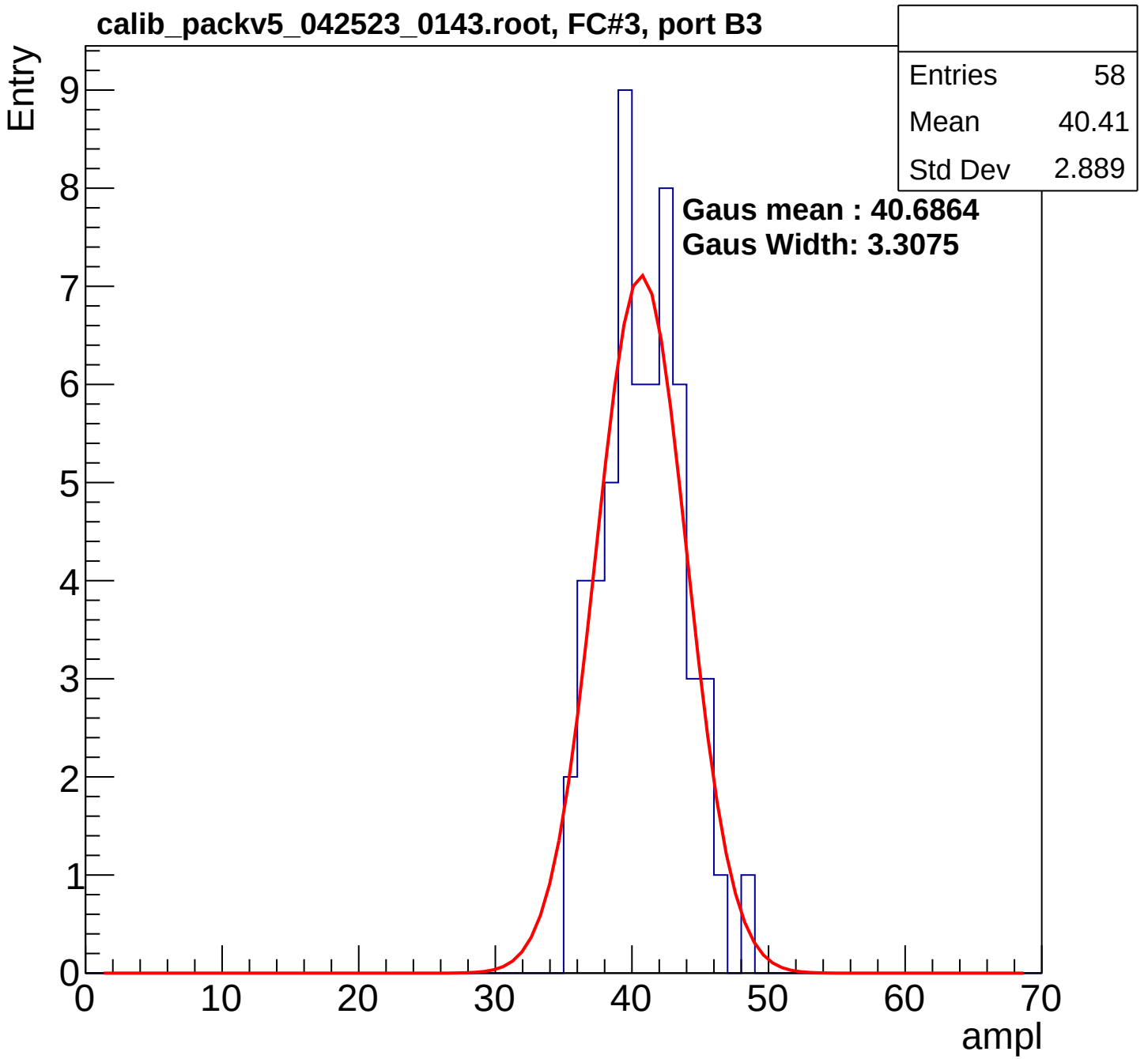

B1L000S, U21-ch50, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 57.45
Std Dev 7.803
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

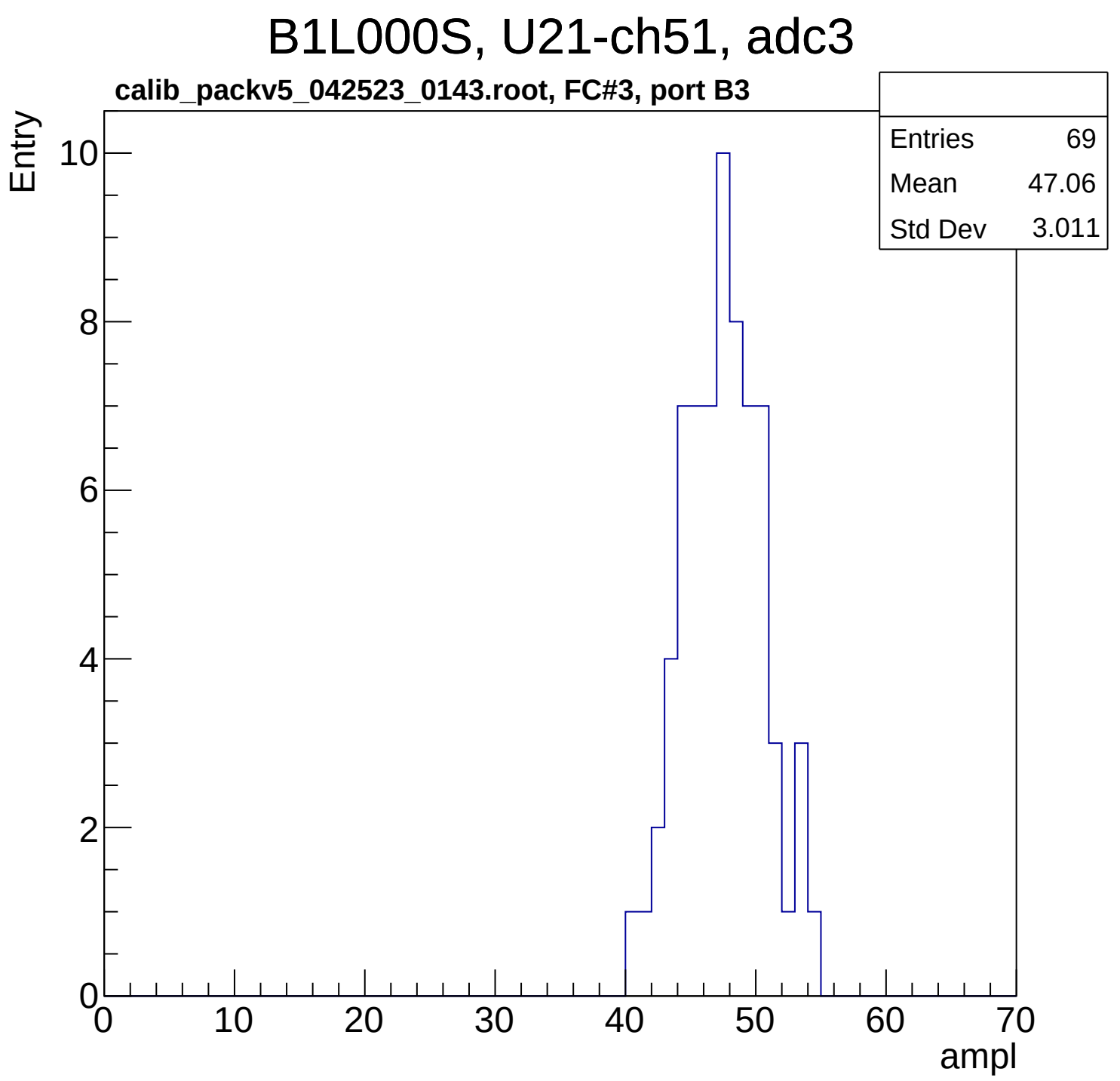

B1L000S, U21-ch50, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 18
Mean 61.56
Std Dev 1.641
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

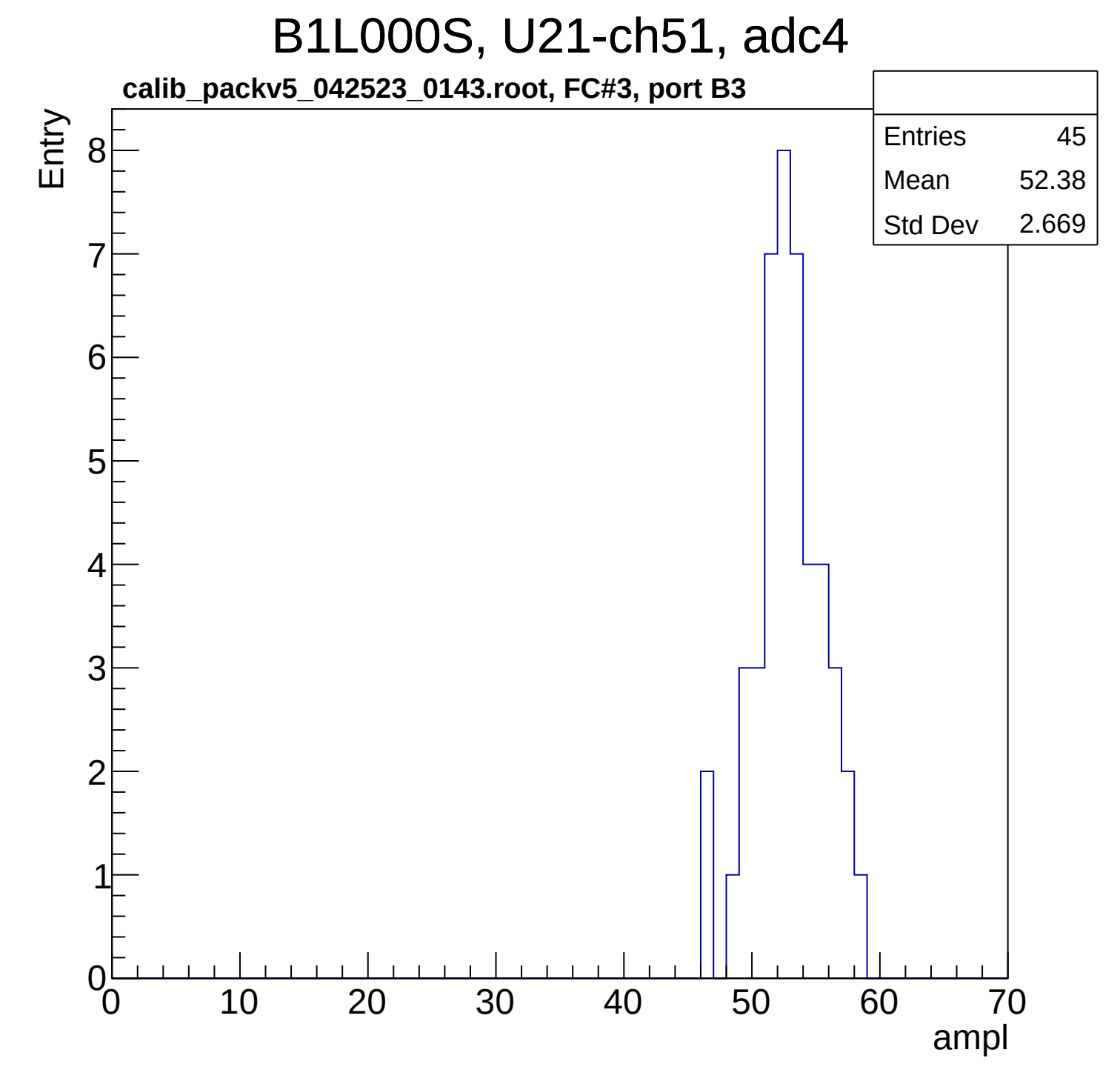

B1L000S, U21-ch50, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 31.5
Std Dev 31.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

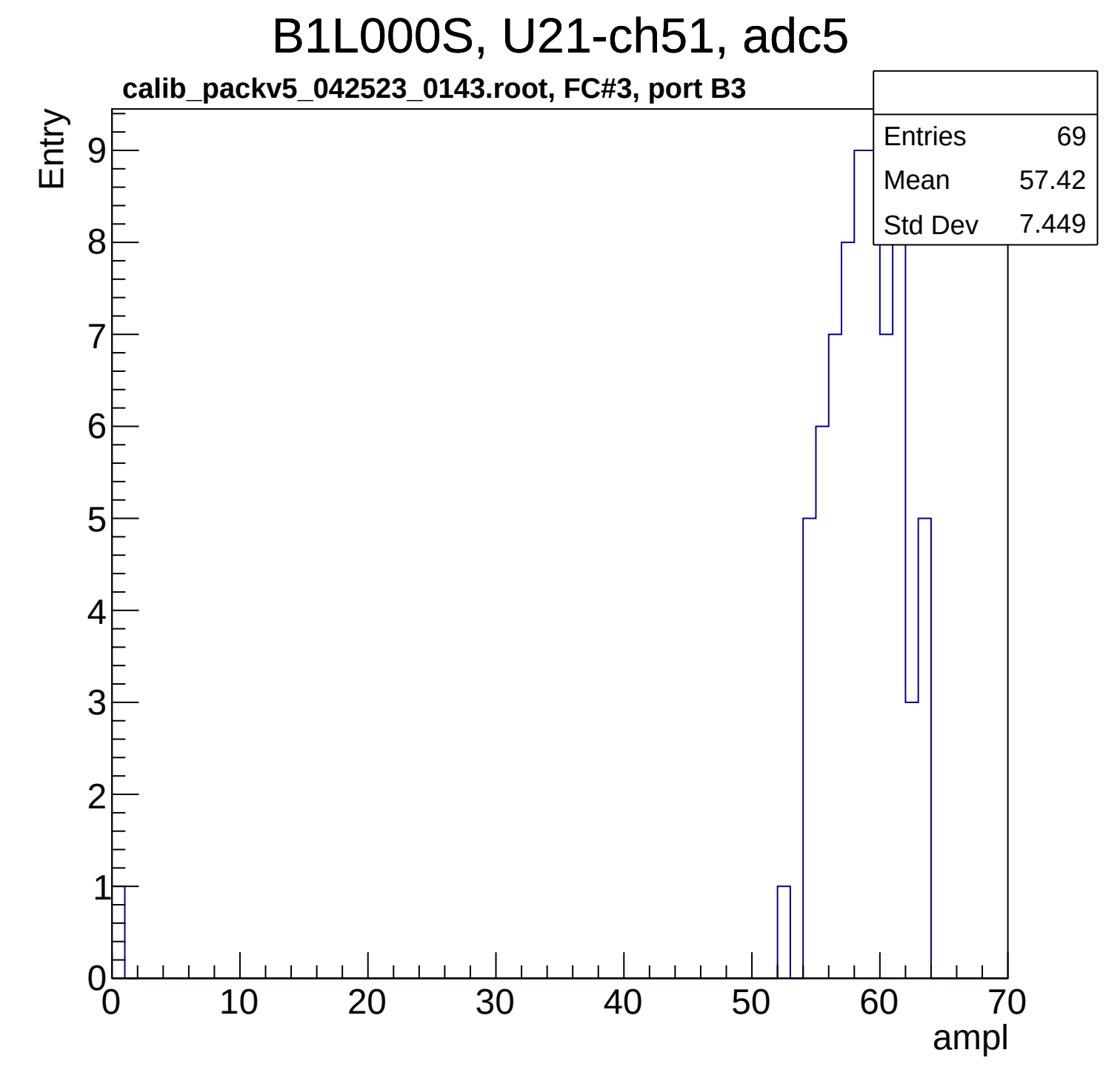

B1L000S, U21-ch51, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 27.49
Std Dev 3.397
Gaus mean : 27.8426
Gaus Width: 3.5448
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

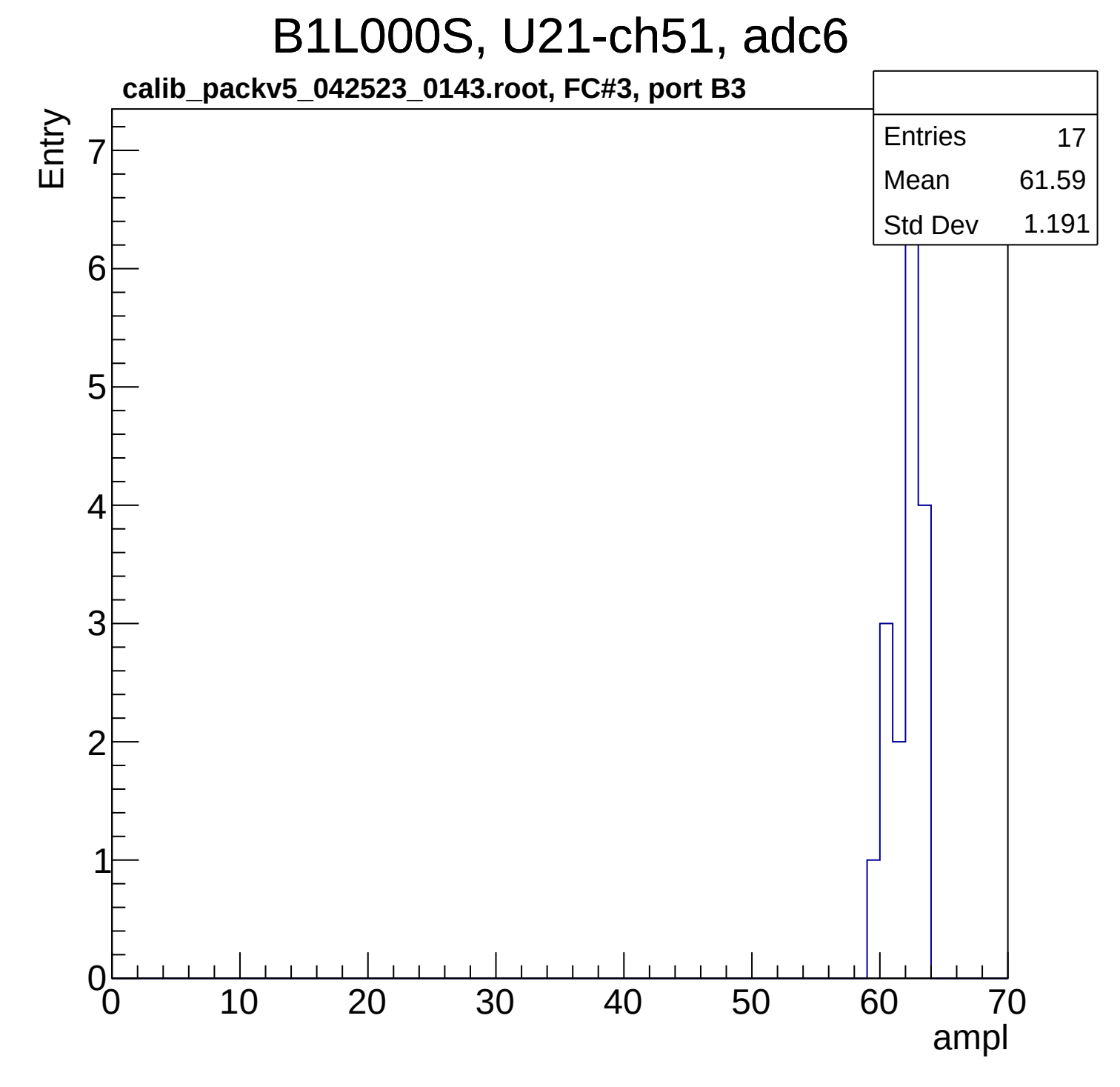

B1L000S, U21-ch51, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 34.57
Std Dev 3.206
Gaus mean : 34.7646
Gaus Width: 3.0673
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

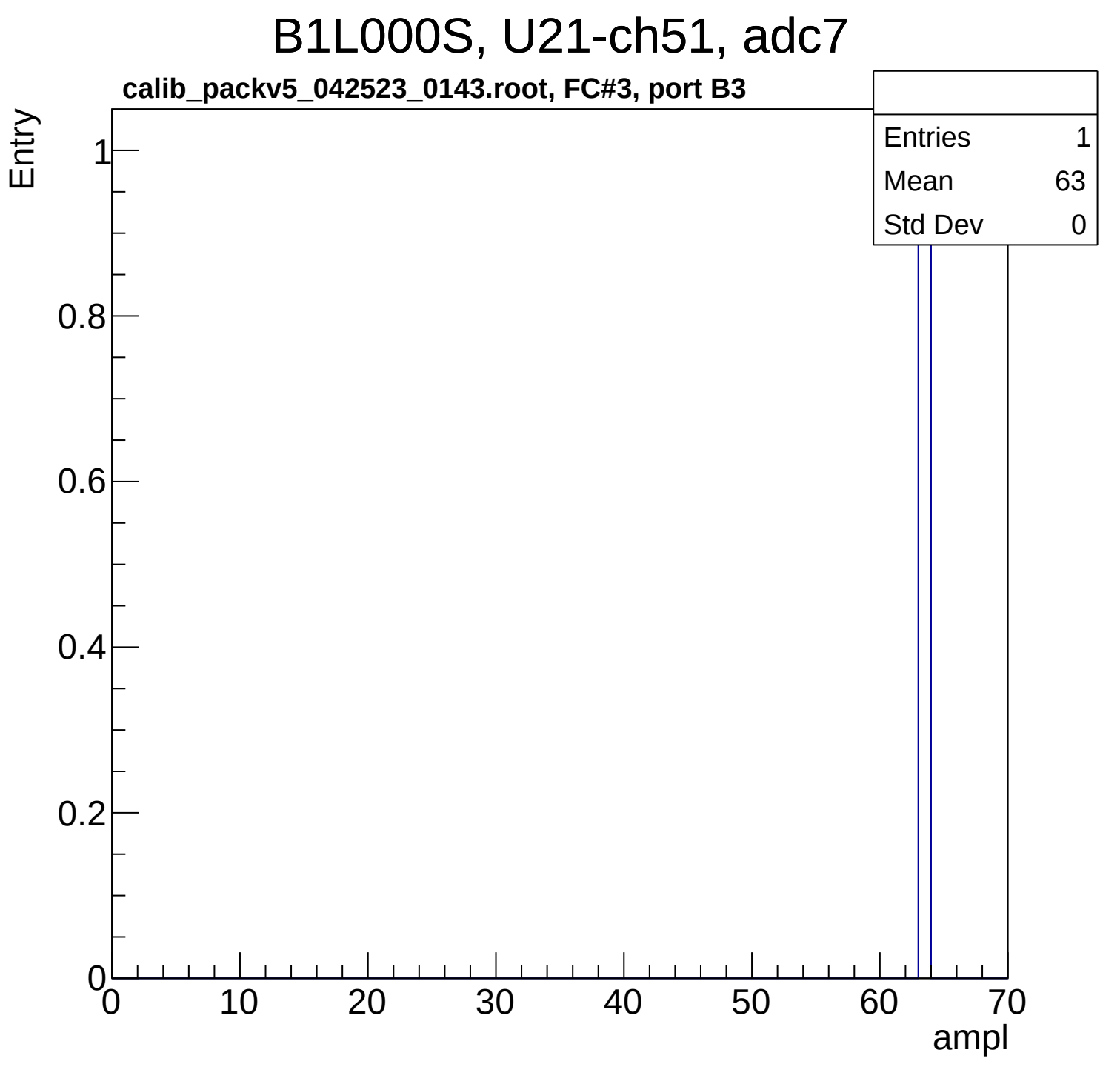

B1L000S, U21-ch51, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 40.41
Std Dev 2.889
Gaus mean : 40.6864
Gaus Width: 3.3075
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

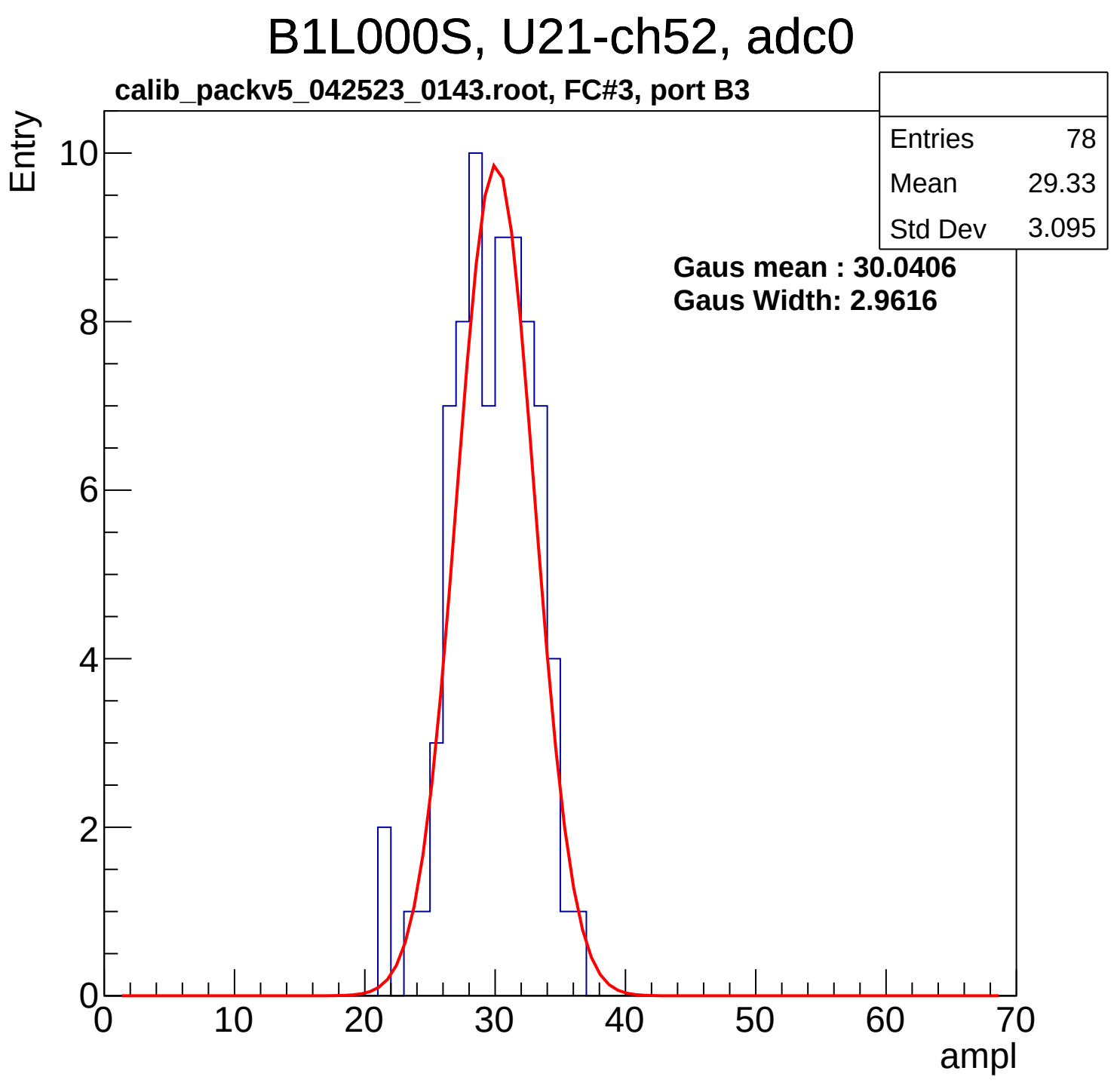

B1L000S, U21-ch51, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 47.06
Std Dev 3.011
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

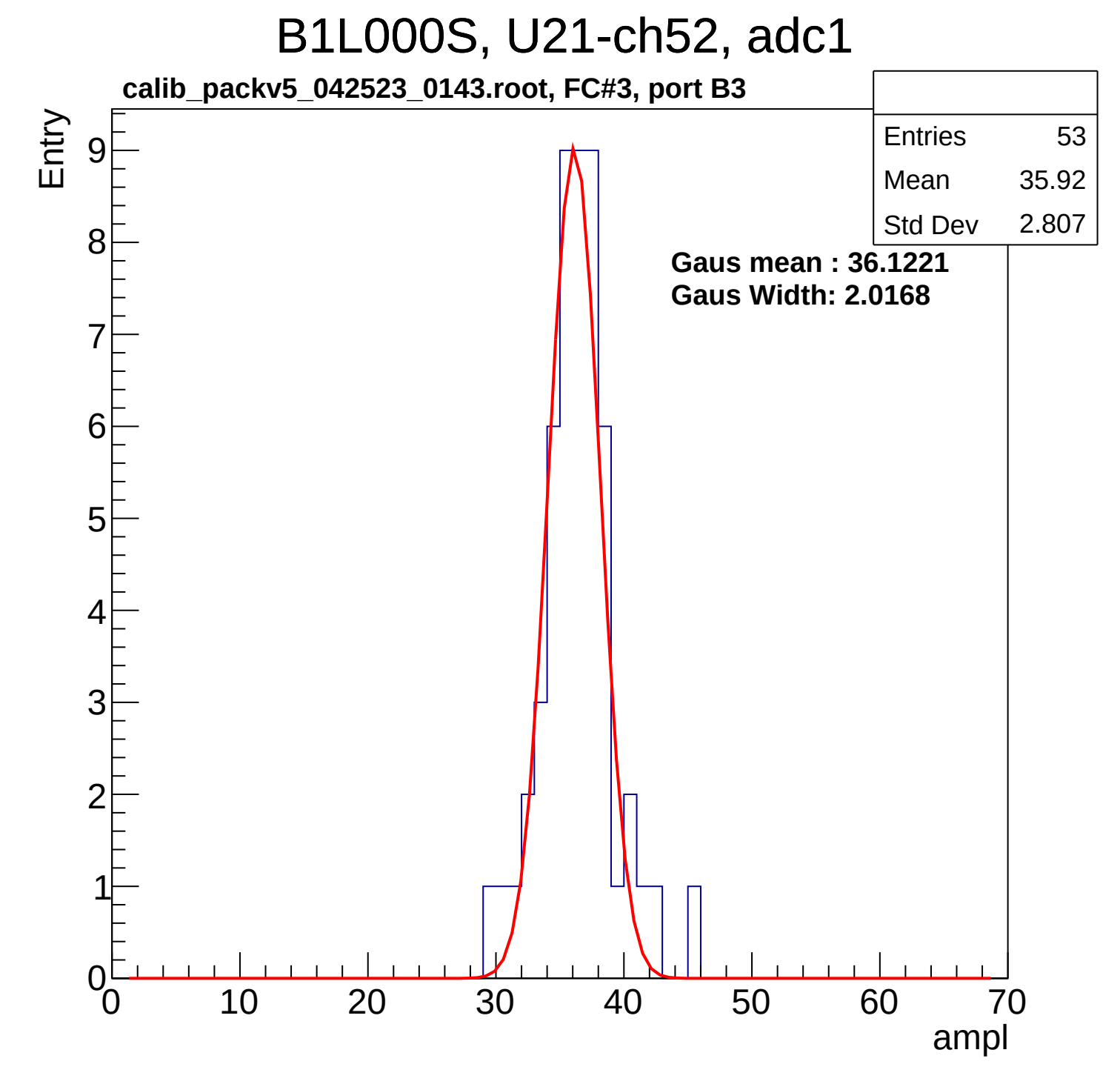

B1L000S, U21-ch51, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 52.38
Std Dev 2.669
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

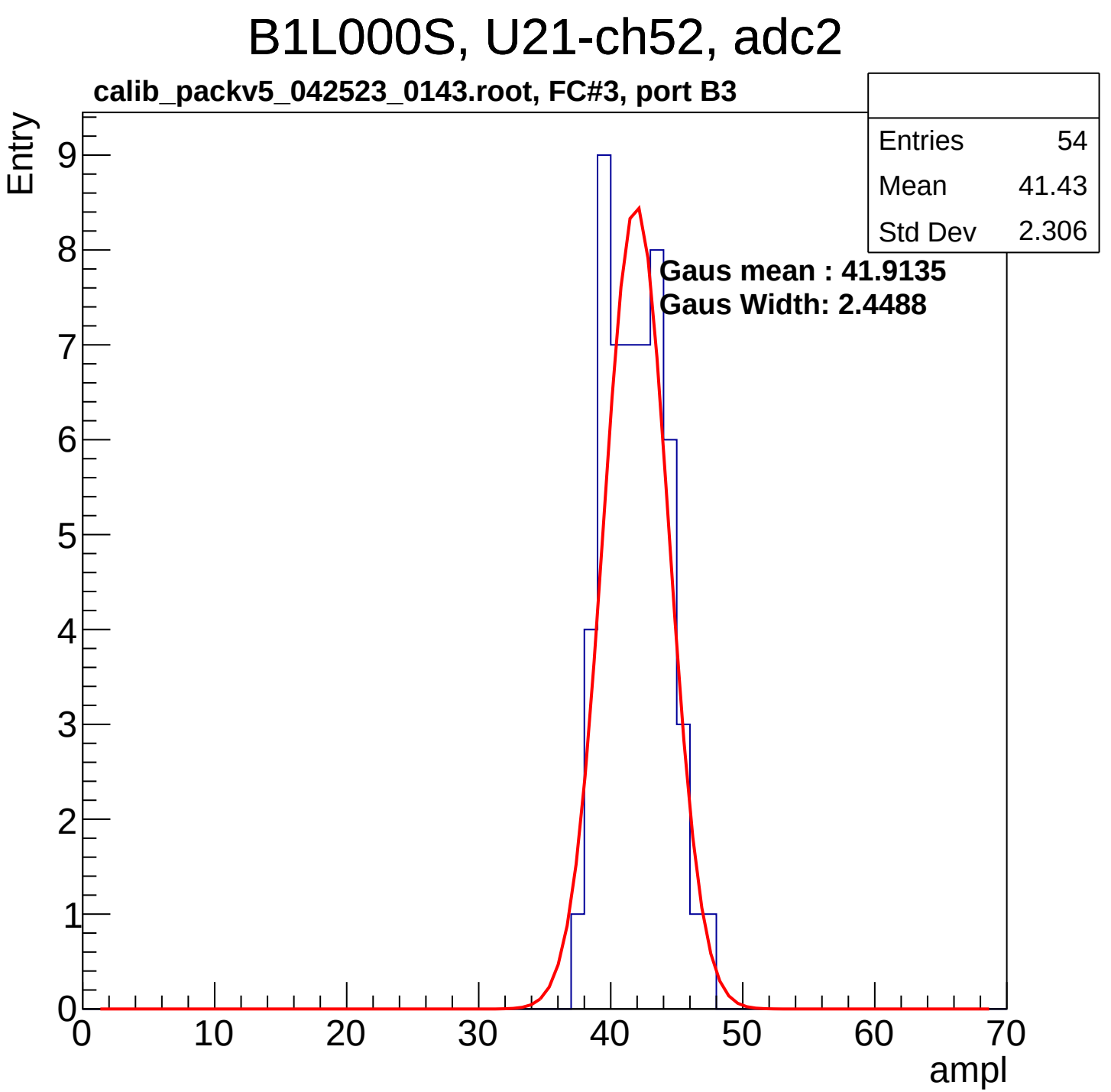

B1L000S, U21-ch51, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 57.42
Std Dev 7.449
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

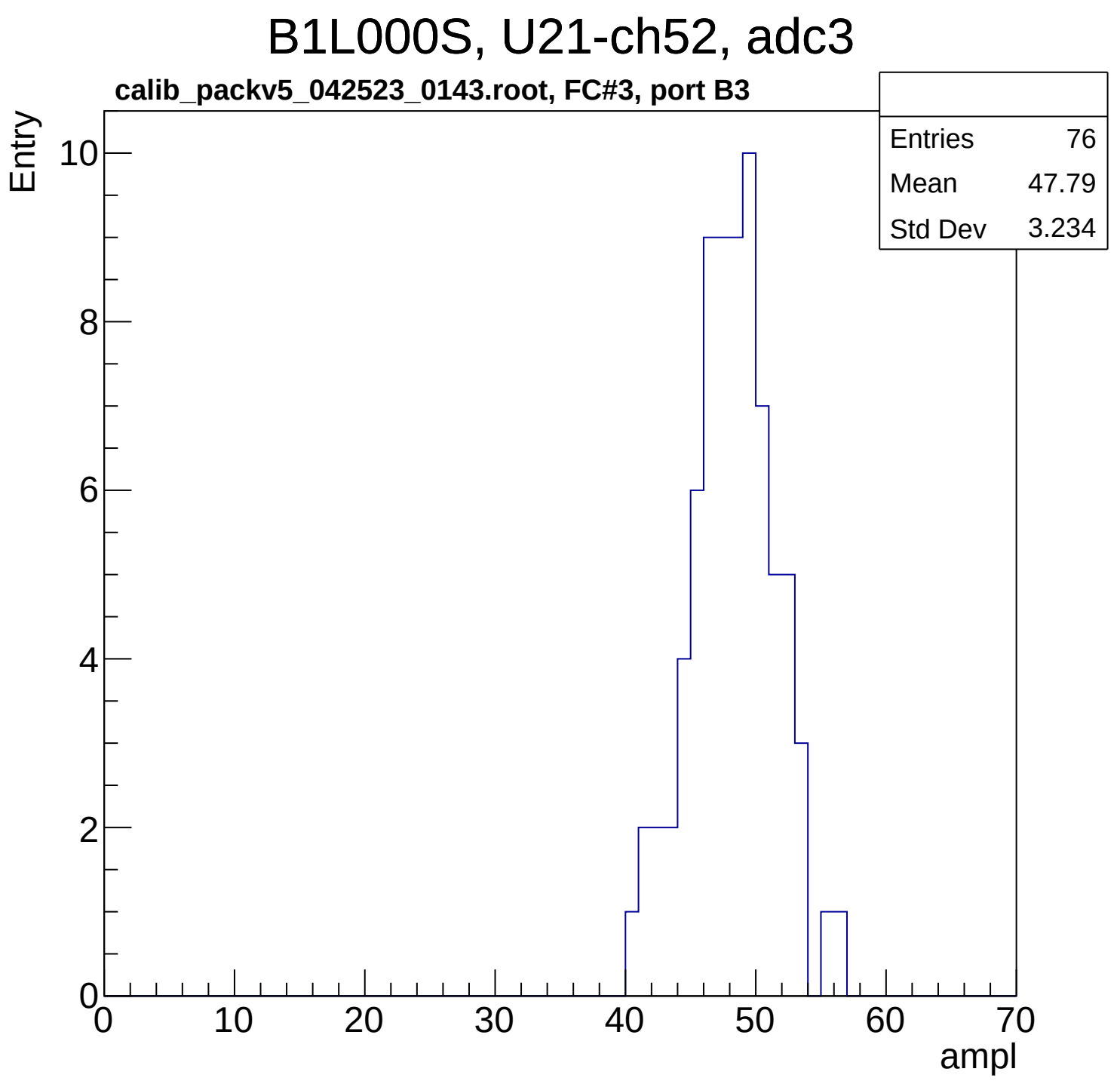

B1L000S, U21-ch51, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 61.59
Std Dev 1.191
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

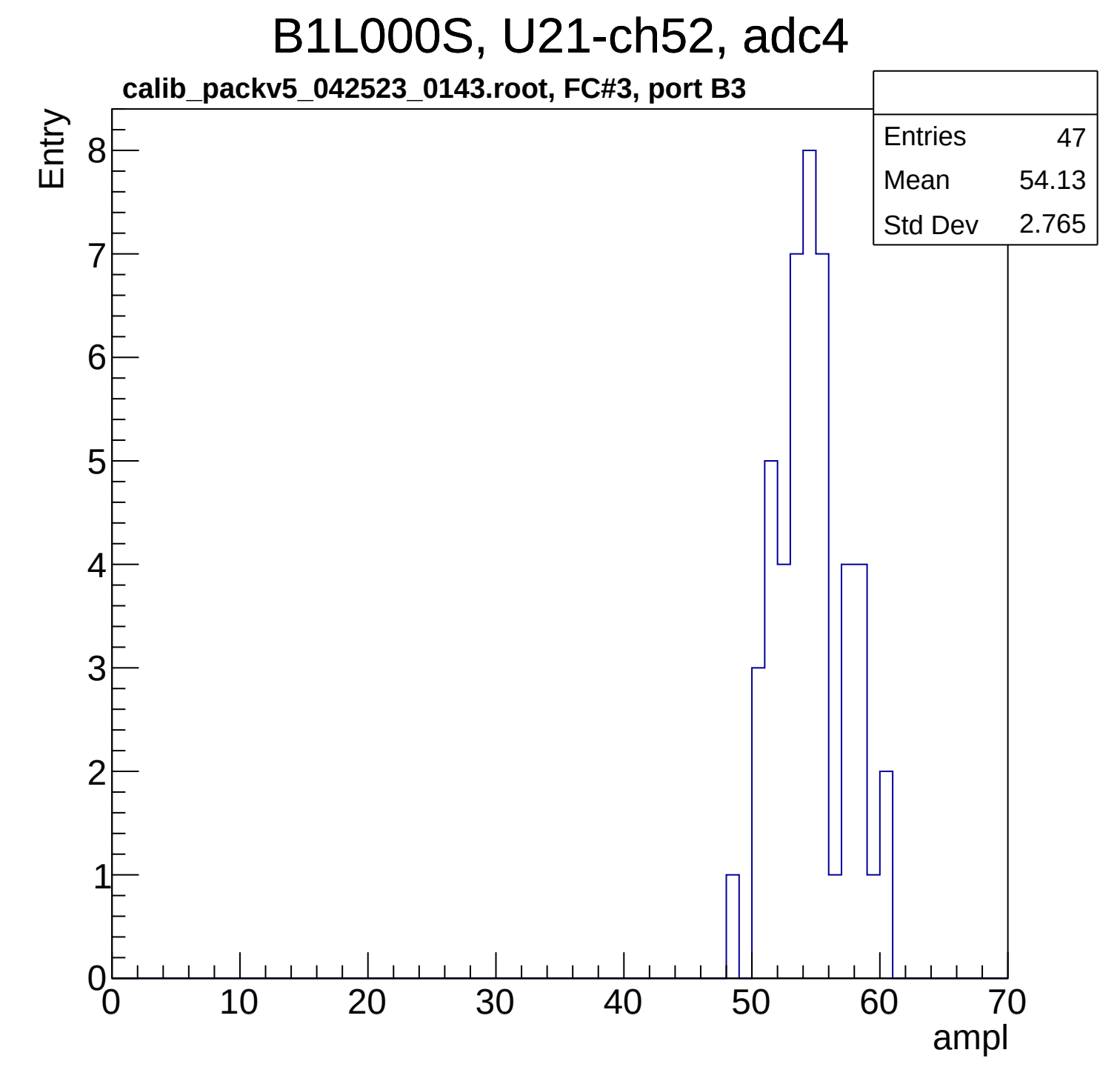

B1L000S, U21-ch51, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

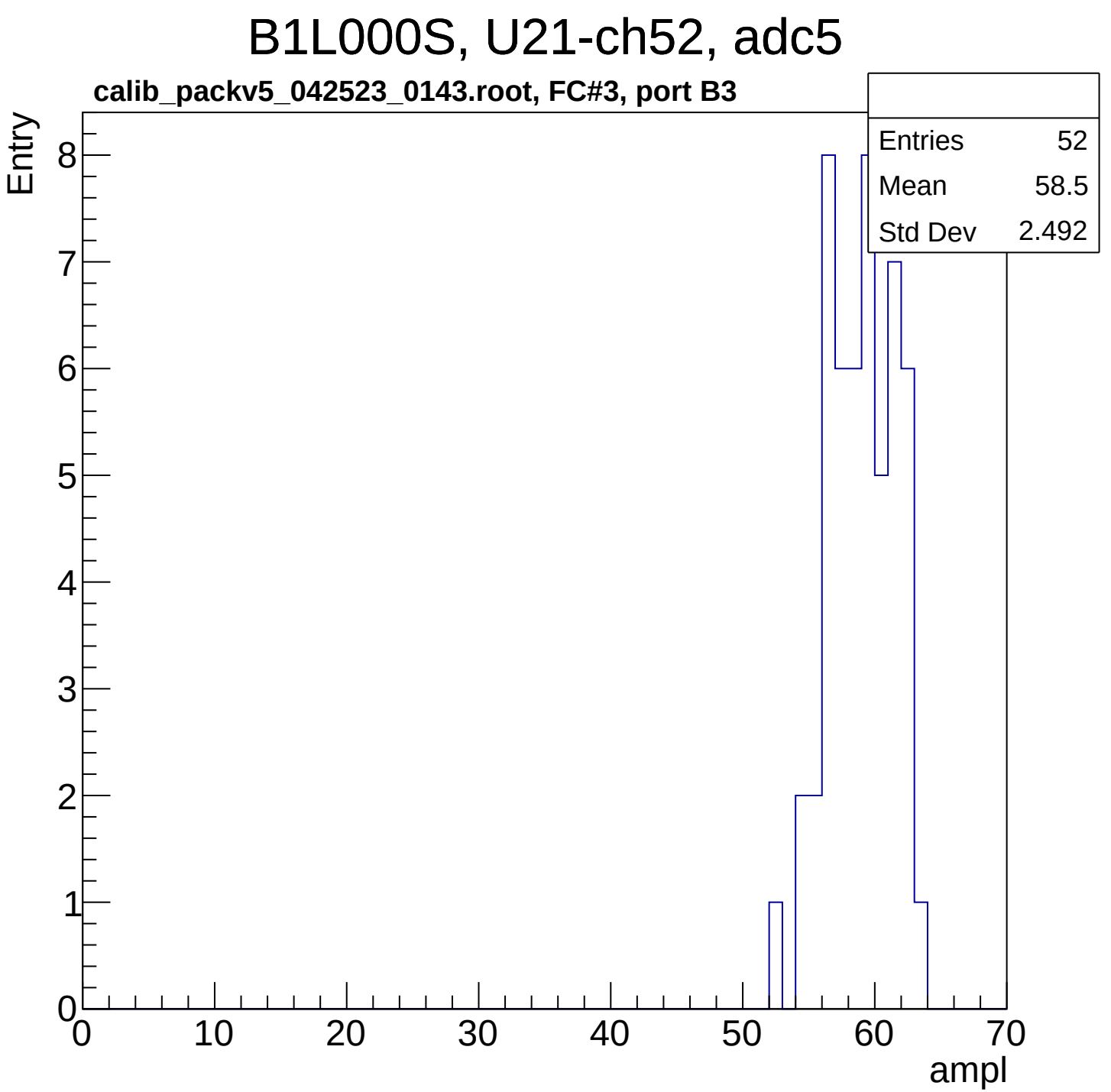

B1L000S, U21-ch52, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 29.33
Std Dev 3.095
Gaus mean : 30.0406
Gaus Width: 2.9616
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

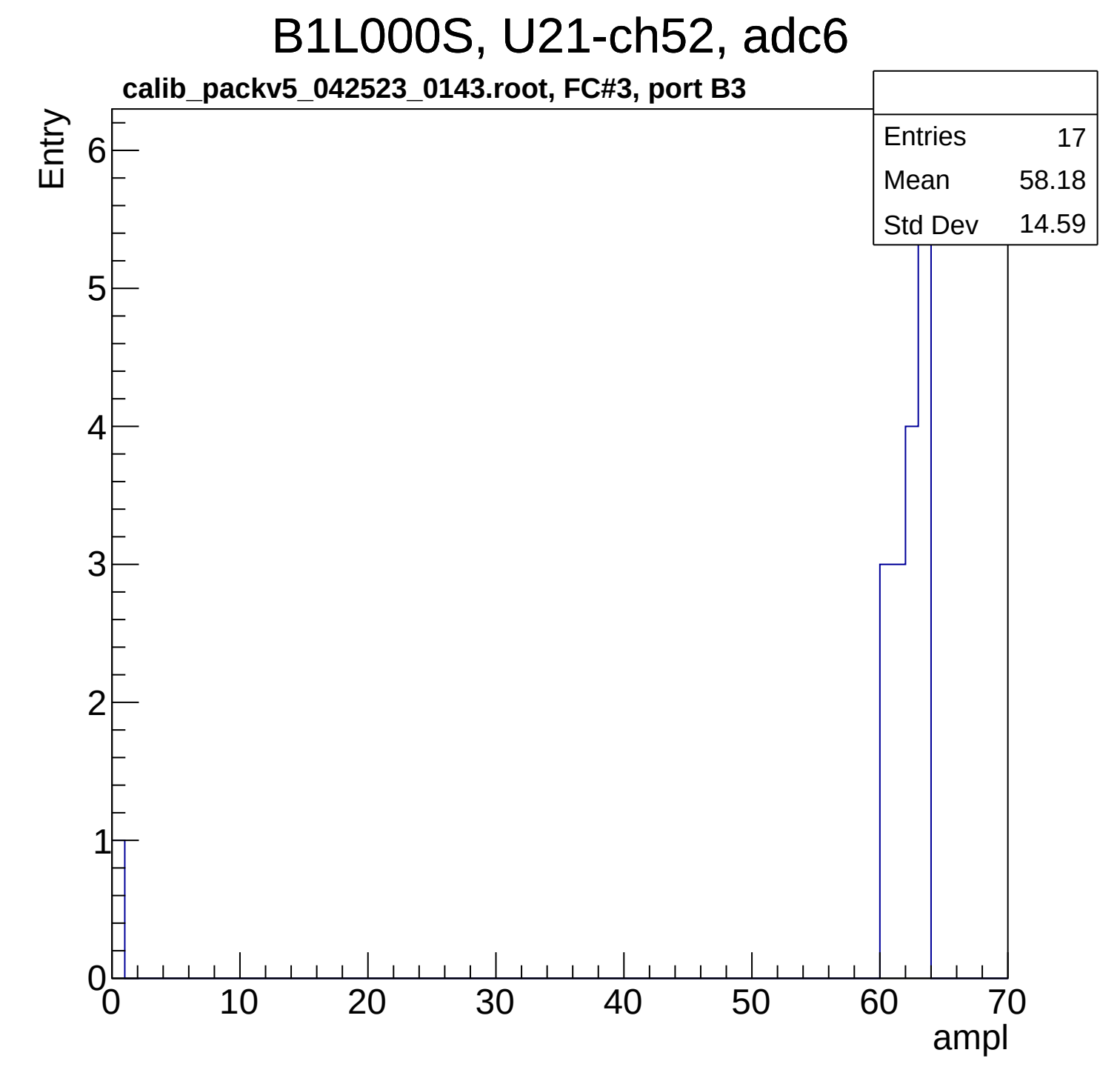

B1L000S, U21-ch52, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 35.92
Std Dev 2.807
Gaus mean : 36.1221
Gaus Width: 2.0168
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

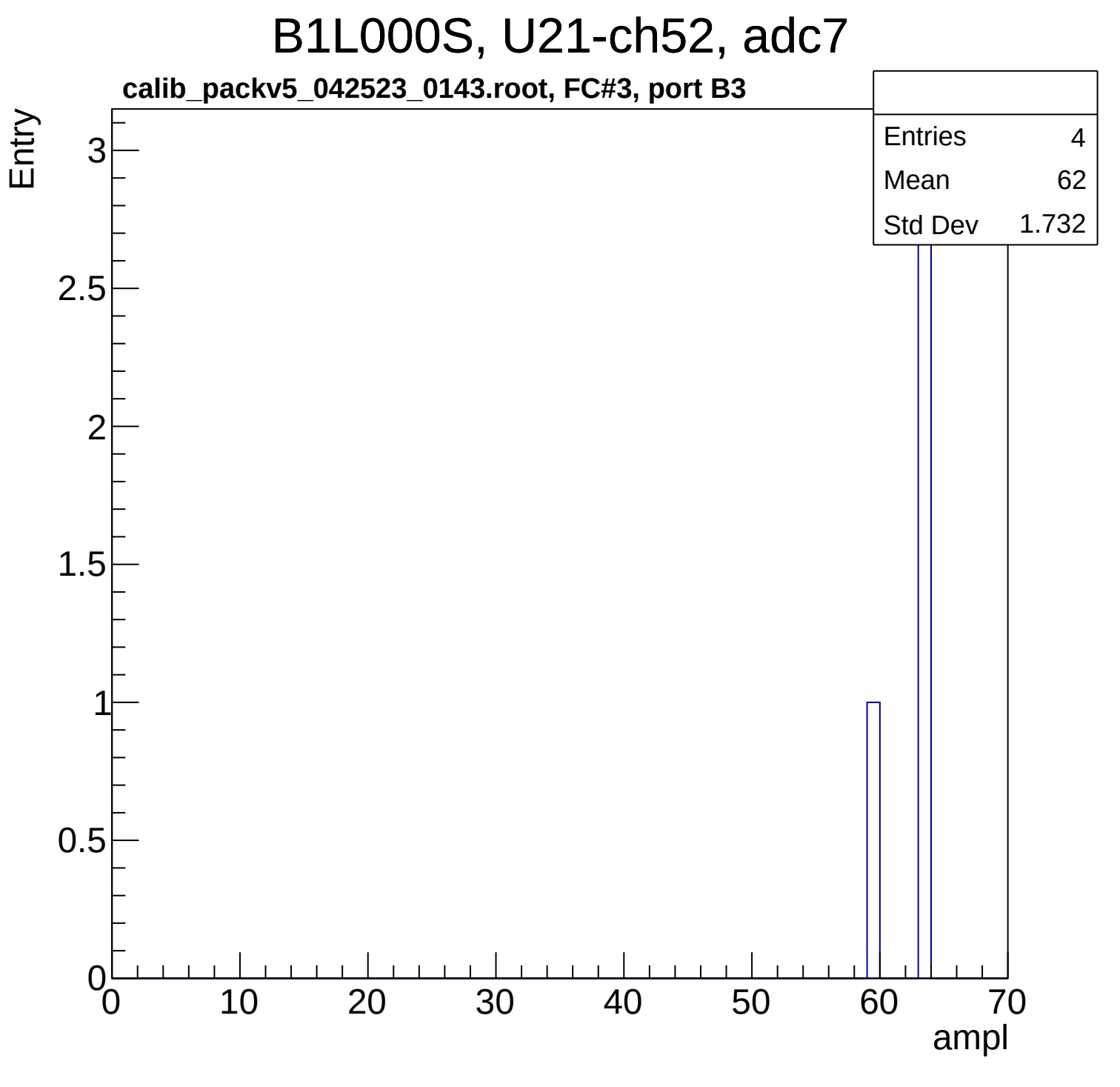

B1L000S, U21-ch52, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 41.43
Std Dev 2.306
Gaus mean : 41.9135
Gaus Width: 2.4488
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

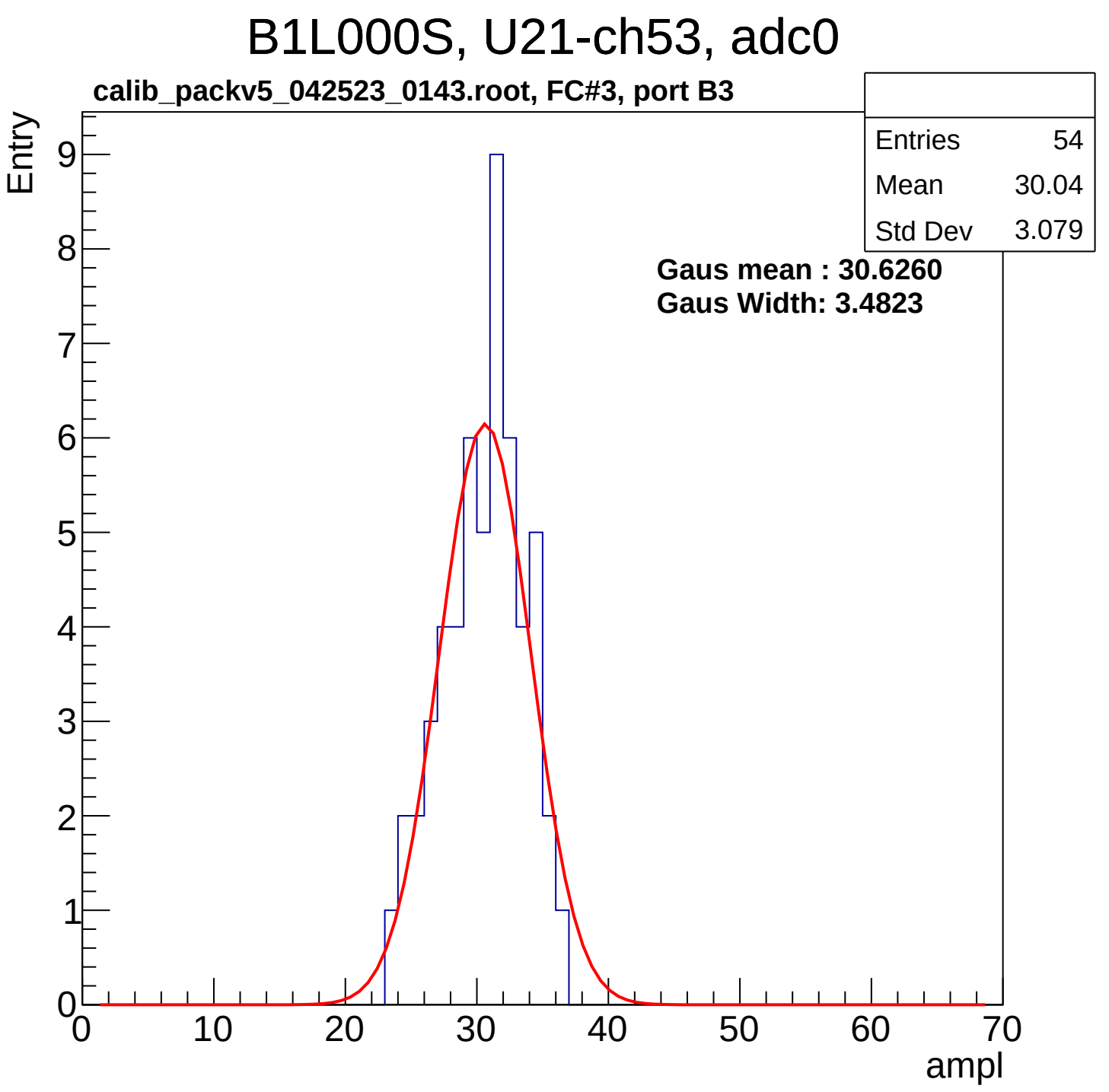

B1L000S, U21-ch52, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 47.79
Std Dev 3.234
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

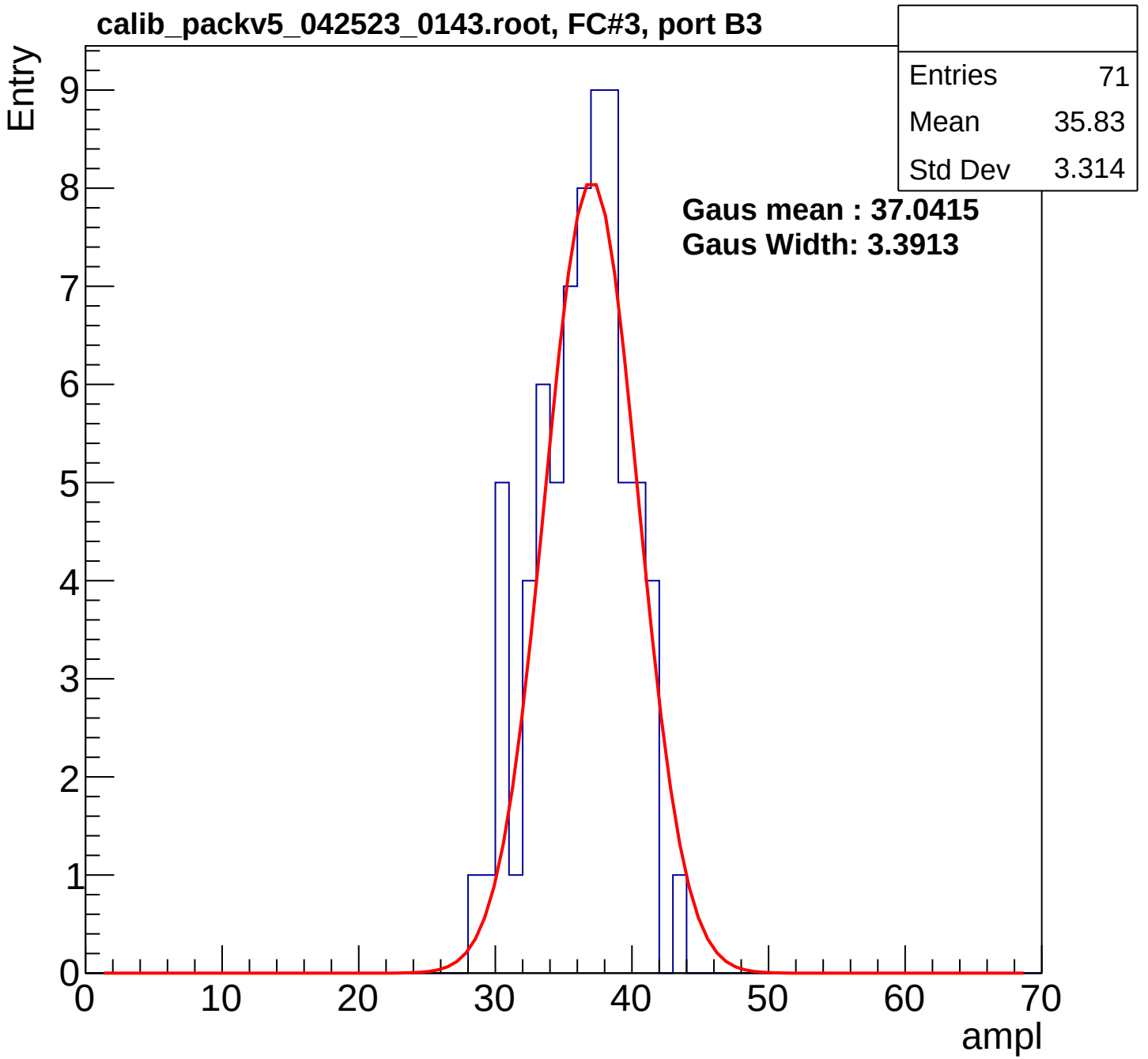

B1L000S, U21-ch52, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 54.13
Std Dev 2.765
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

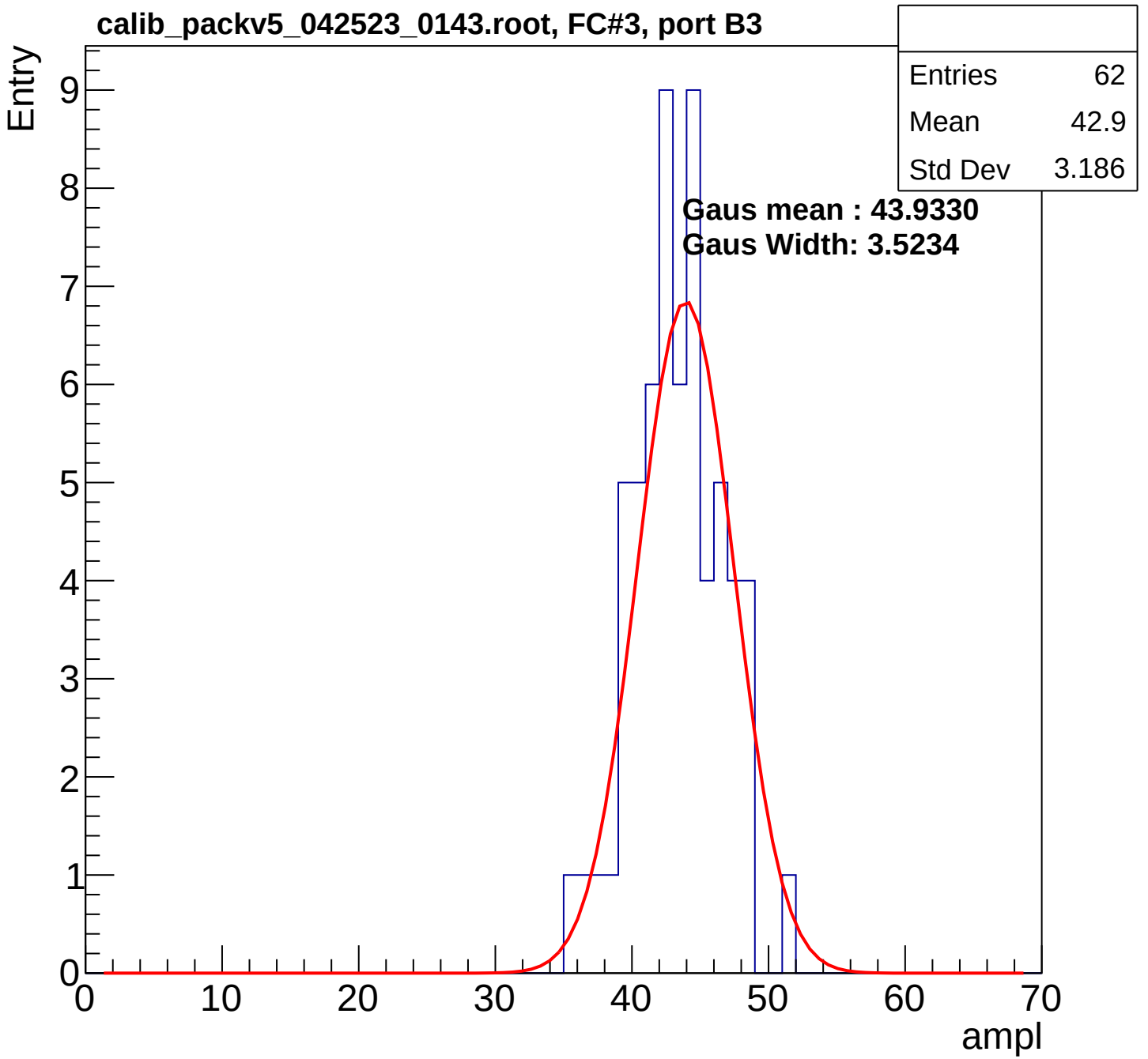

B1L000S, U21-ch52, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 58.5
Std Dev 2.492
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

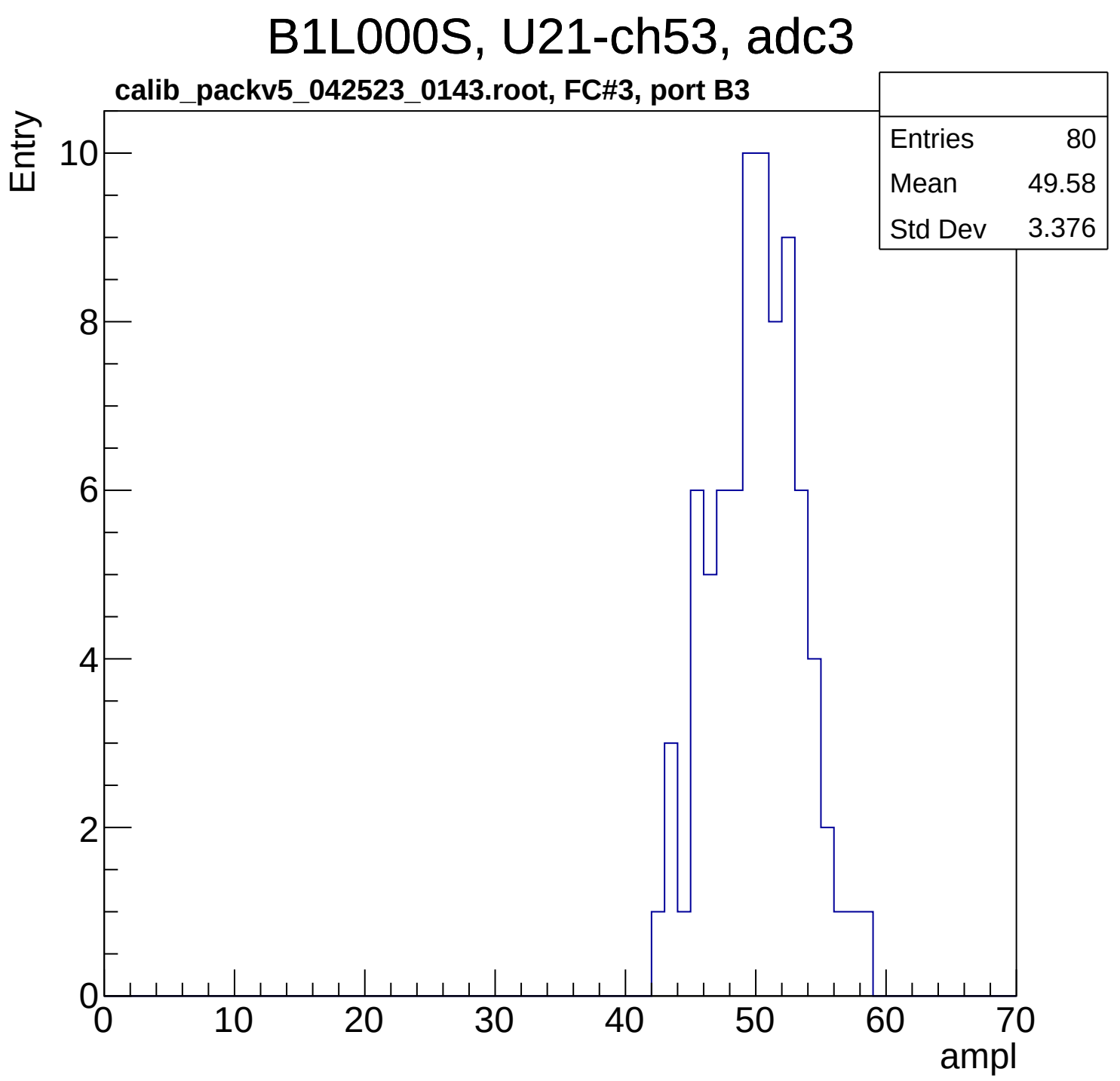

B1L000S, U21-ch52, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 58.18
Std Dev 14.59
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

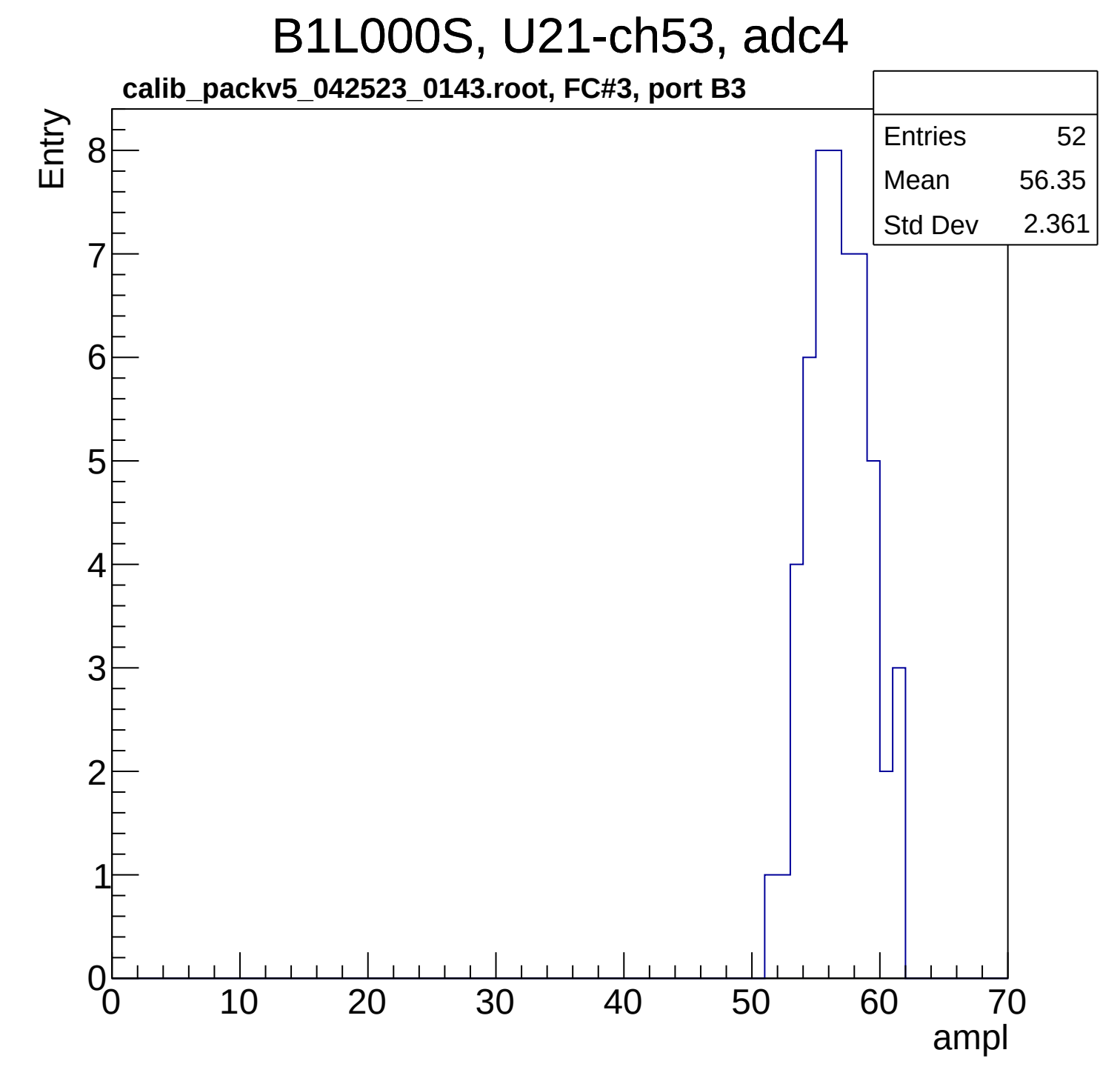

B1L000S, U21-ch52, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 62
Std Dev 1.732
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

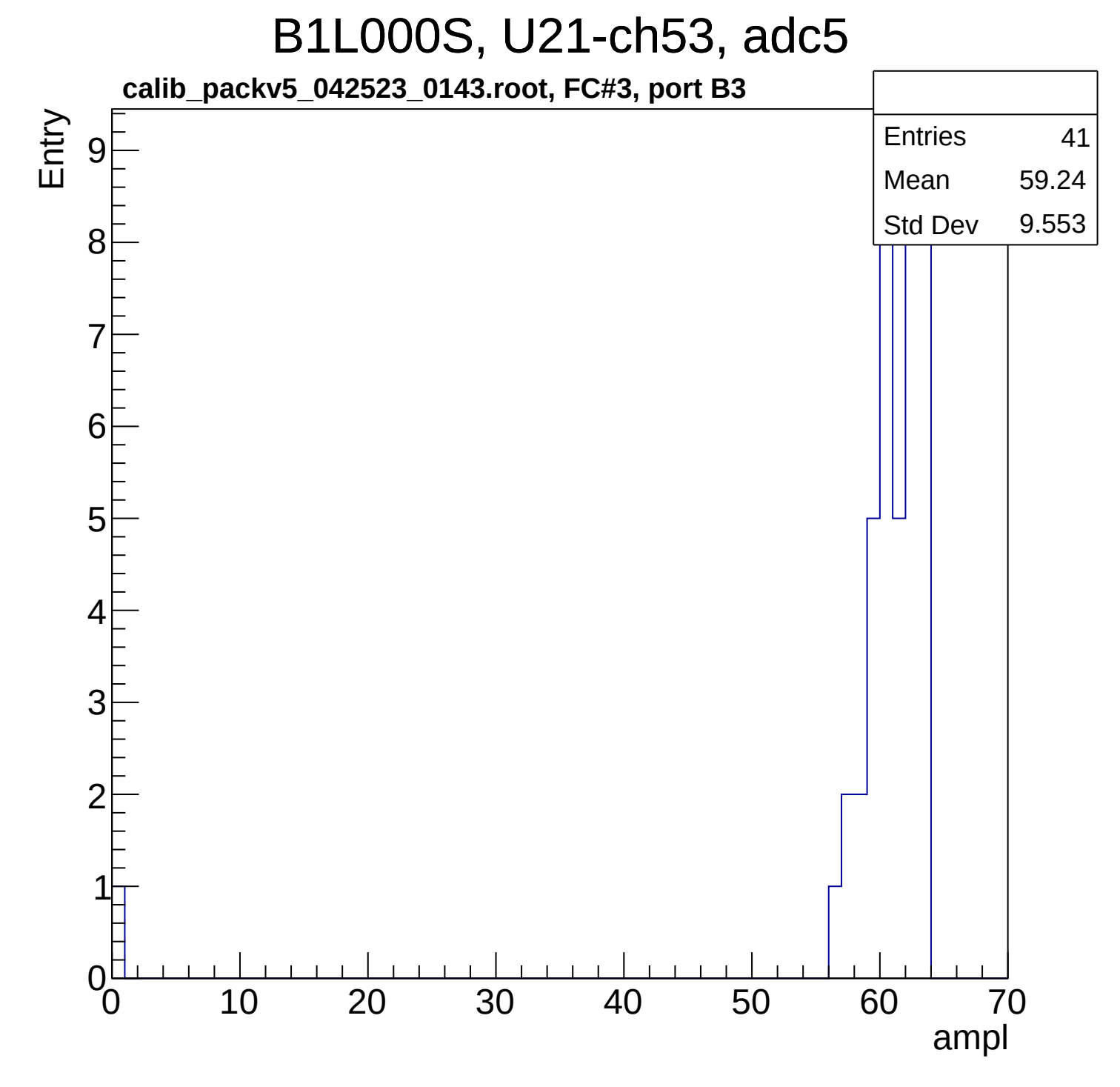

B1L000S, U21-ch53, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 30.04
Std Dev 3.079
Gaus mean : 30.6260
Gaus Width: 3.4823
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

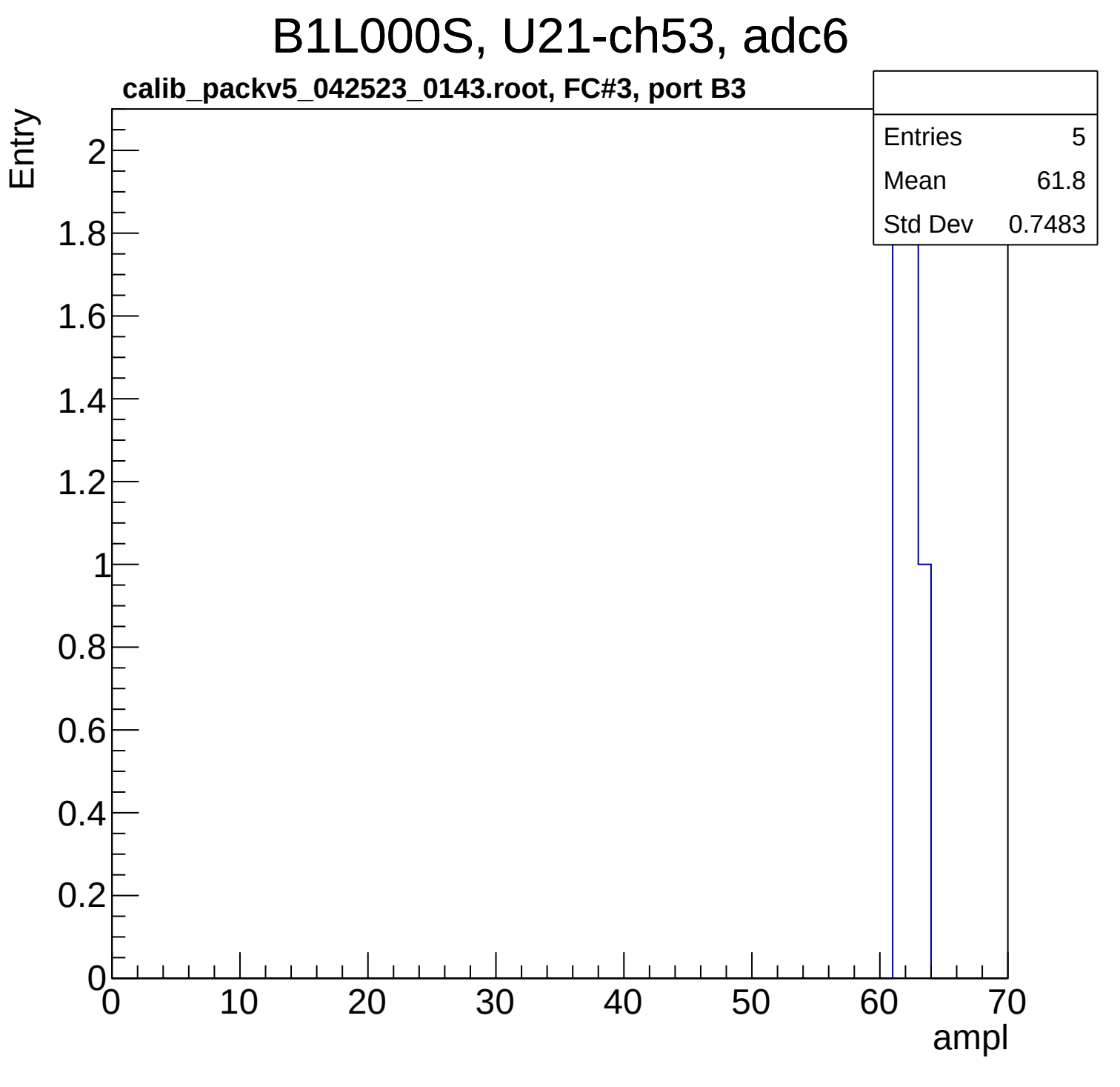

B1L000S, U21-ch53, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 35.83
Std Dev 3.314
Gaus mean : 37.0415
Gaus Width: 3.3913
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

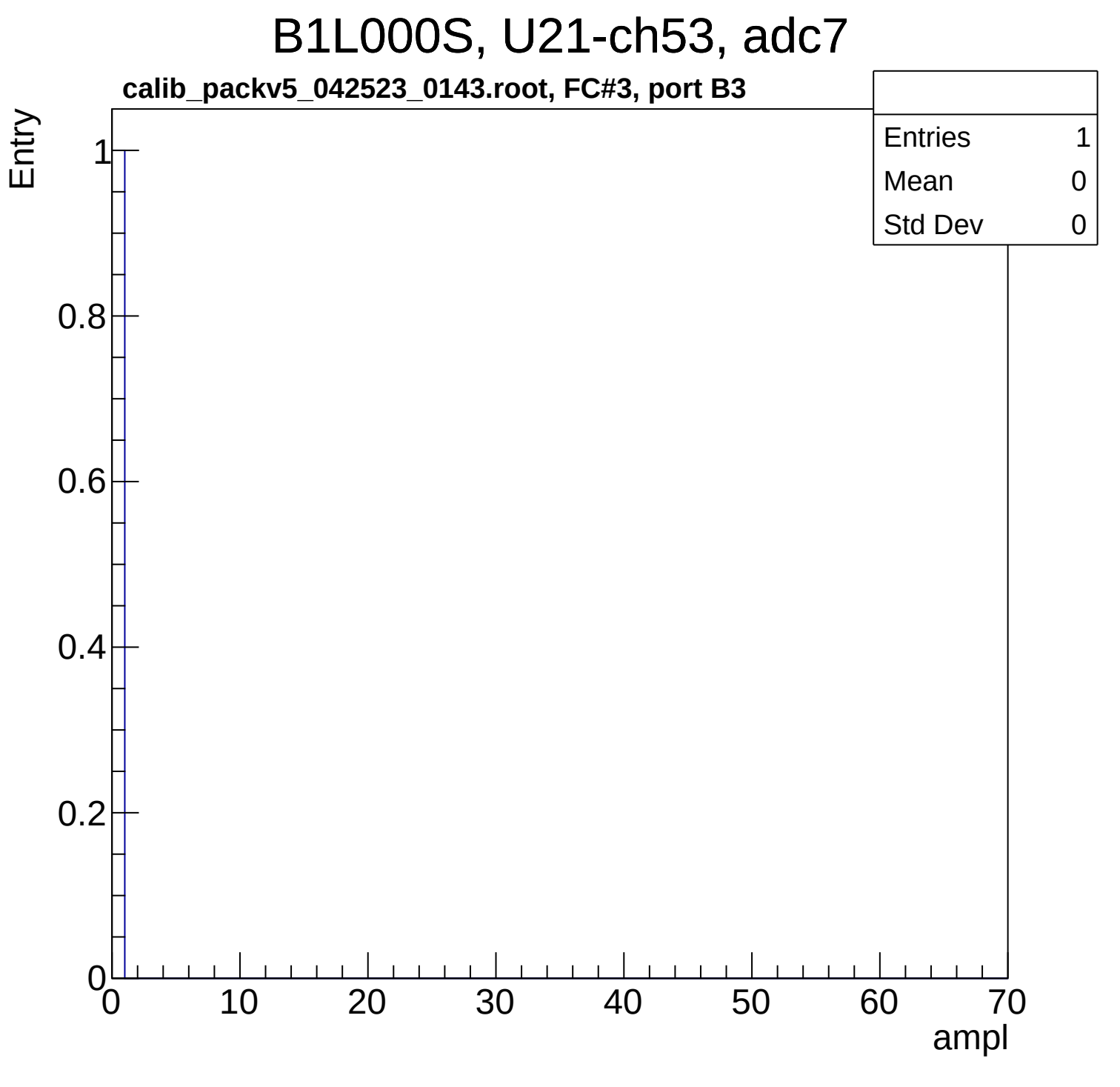

B1L000S, U21-ch53, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 42.9
Std Dev 3.186
Gaus mean : 43.9330
Gaus Width: 3.5234
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

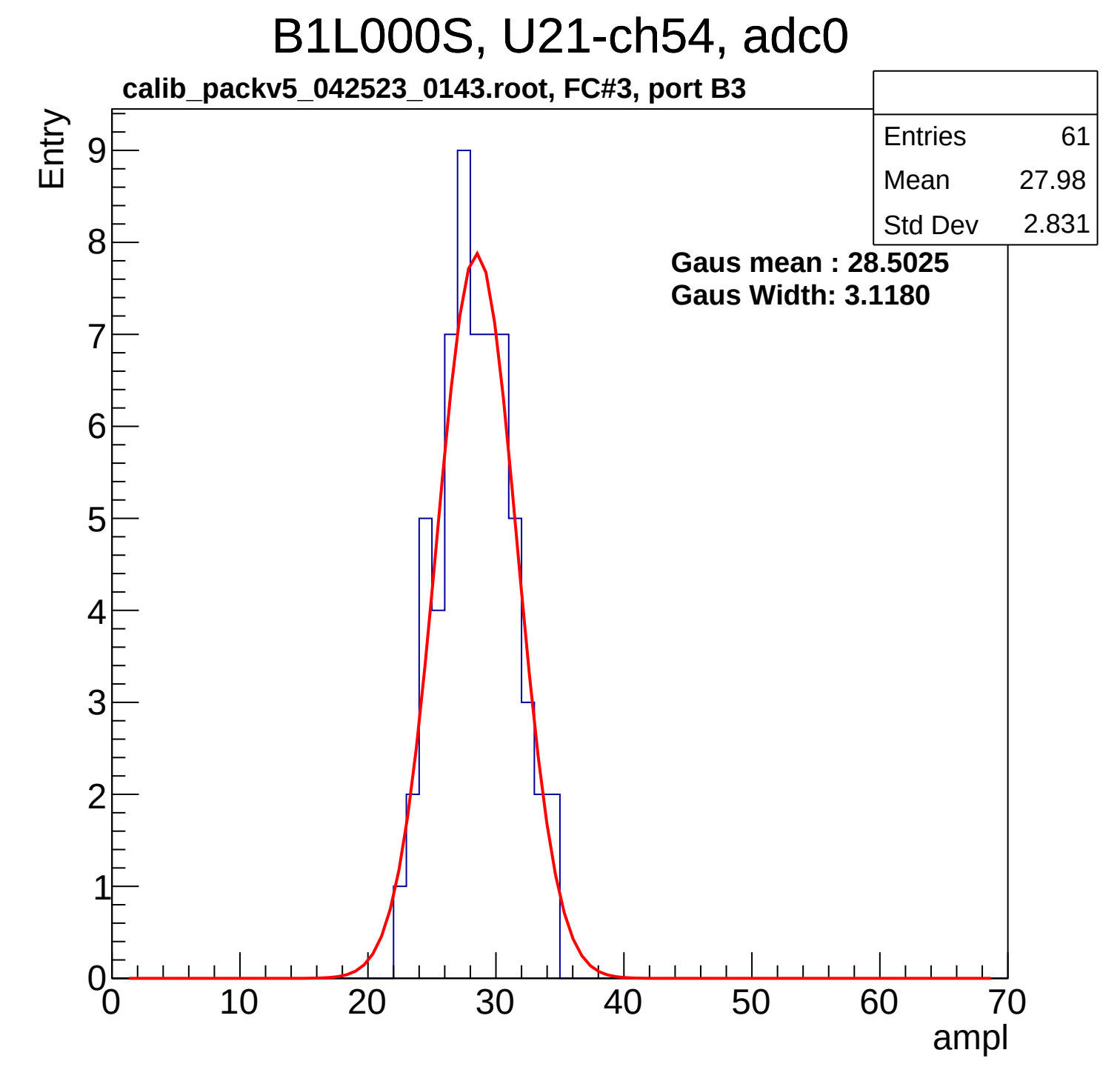

B1L000S, U21-ch53, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 80
Mean 49.58
Std Dev 3.376
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

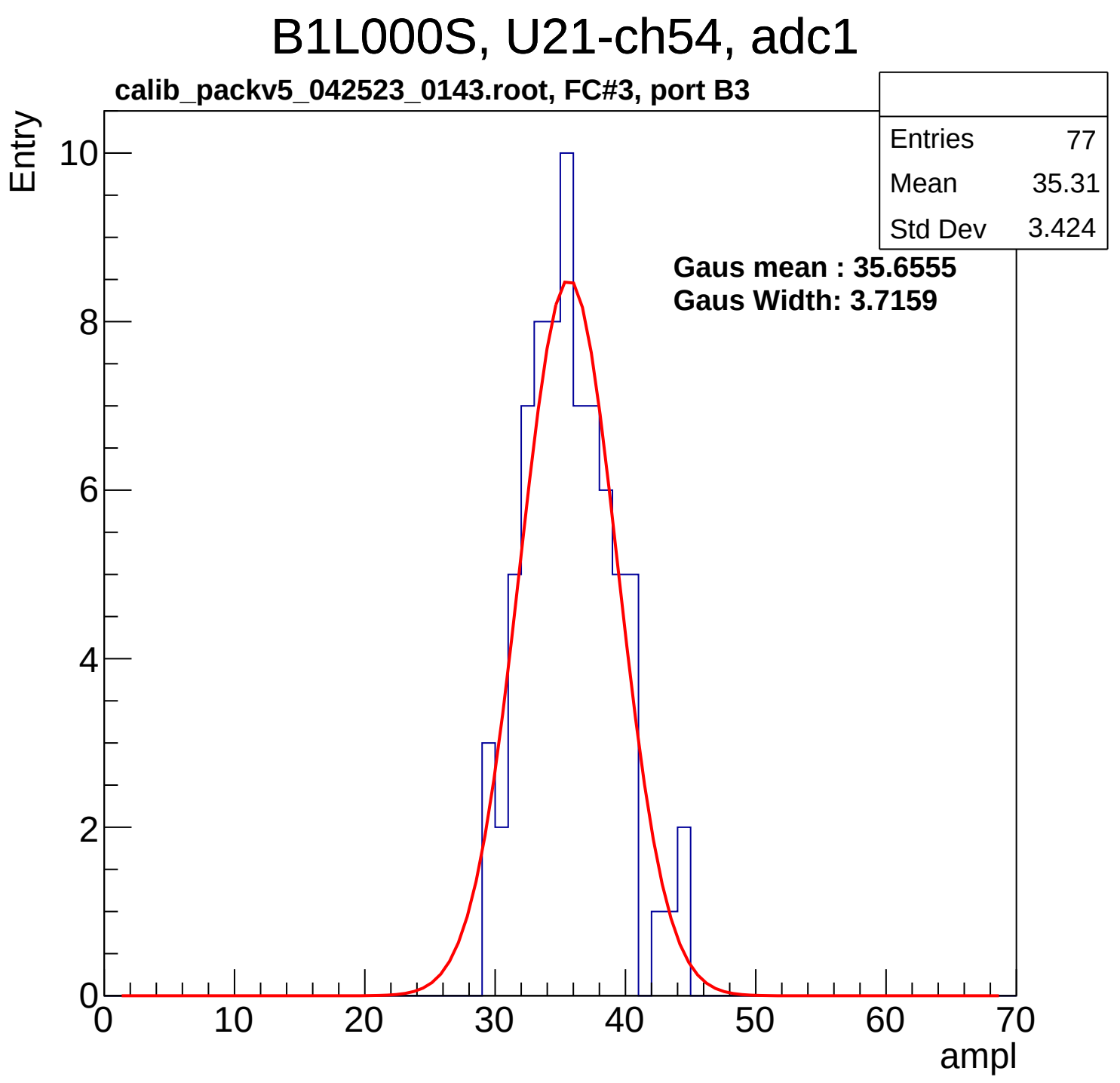

B1L000S, U21-ch53, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 56.35
Std Dev 2.361
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

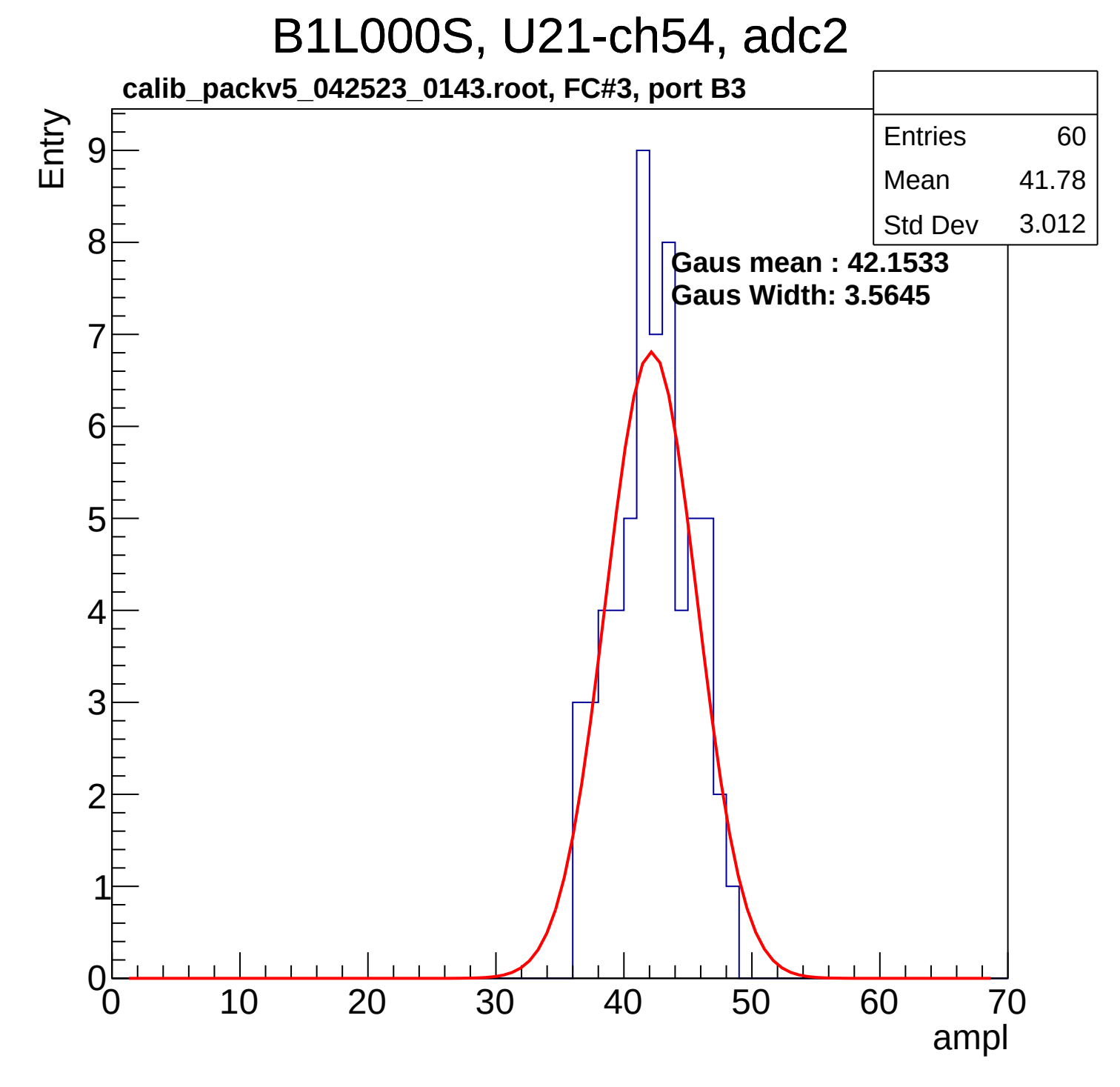

B1L000S, U21-ch53, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 41
Mean 59.24
Std Dev 9.553
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

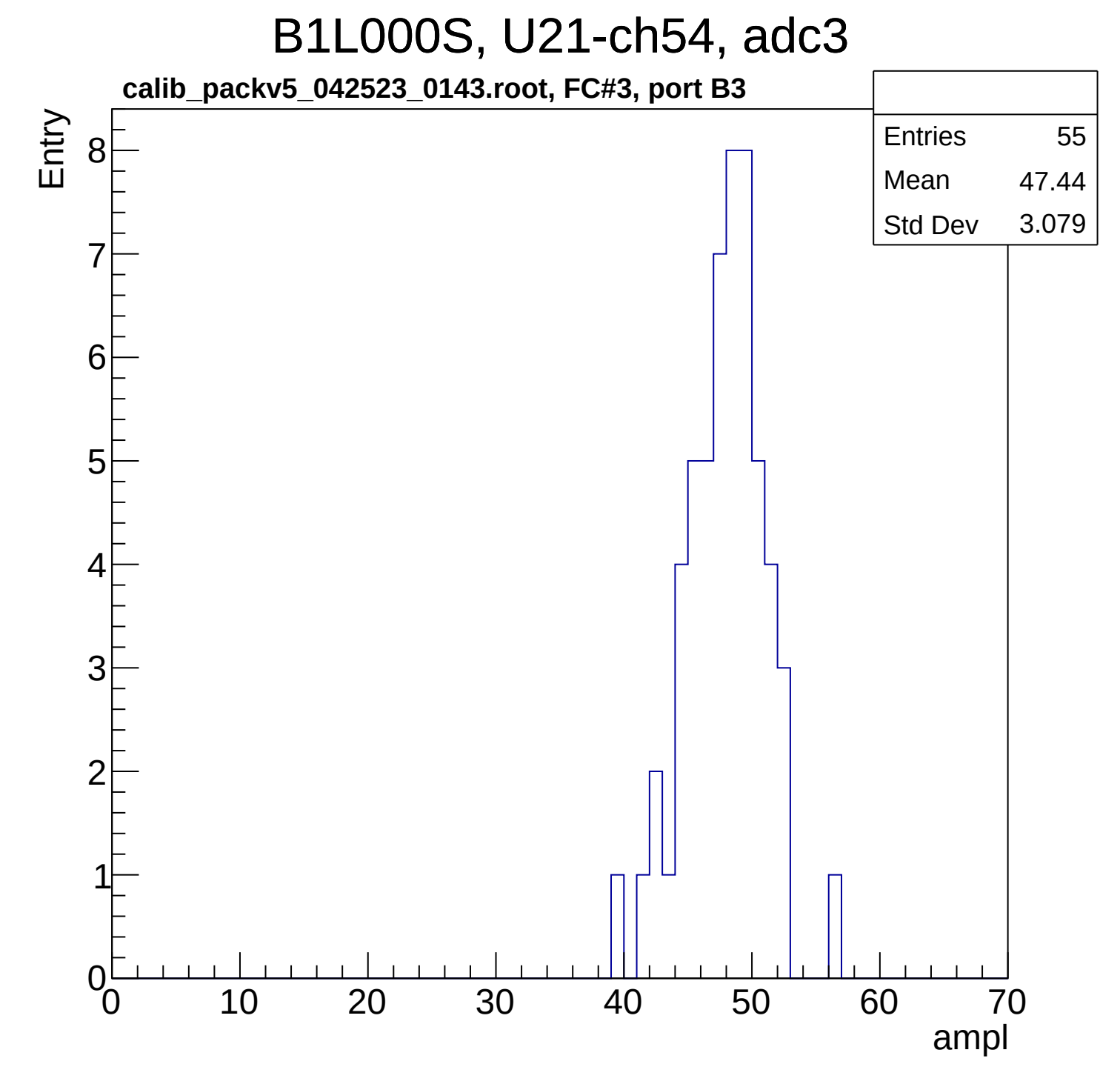

B1L000S, U21-ch53, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 61.8
Std Dev 0.7483
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

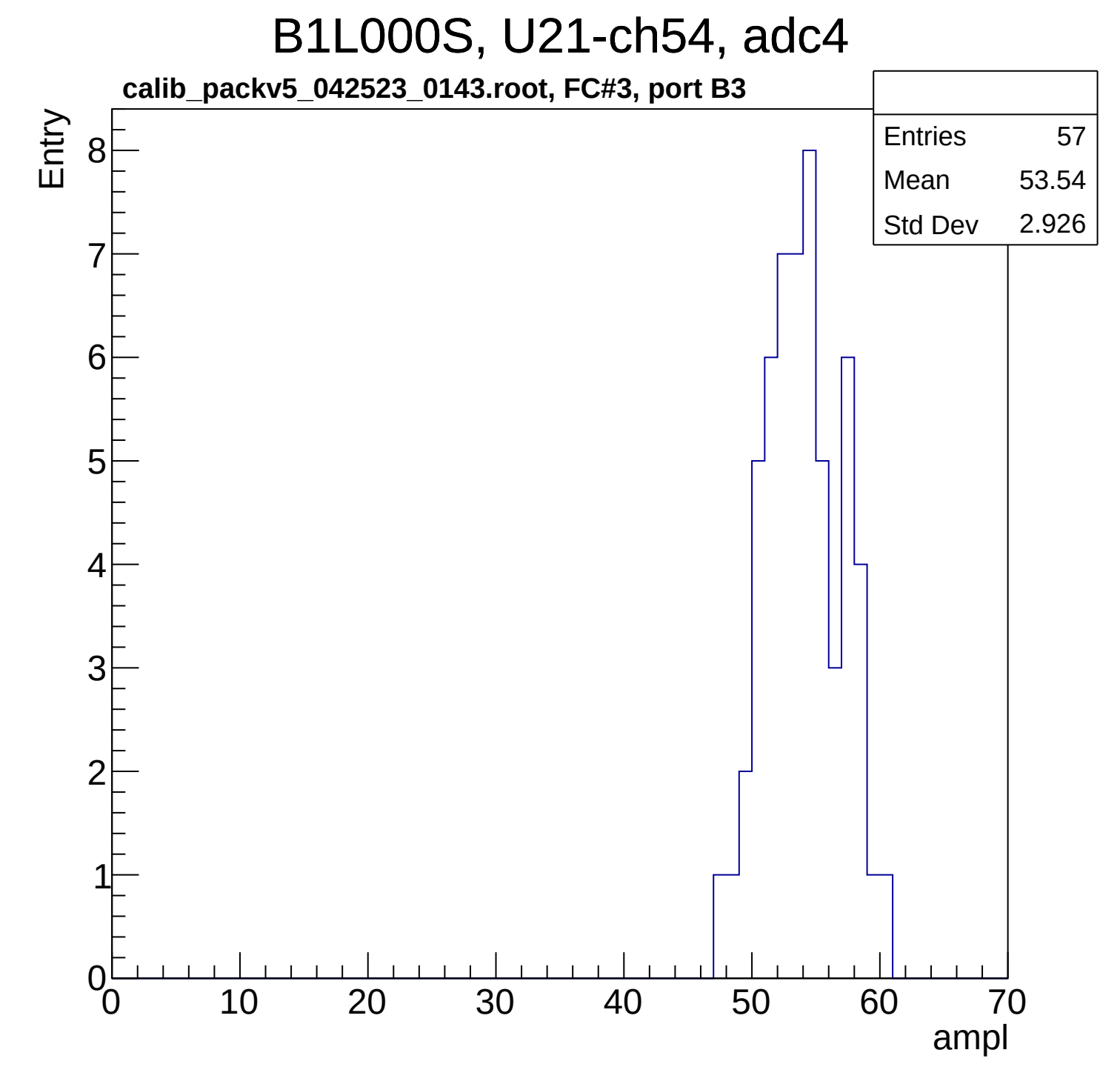

B1L000S, U21-ch53, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

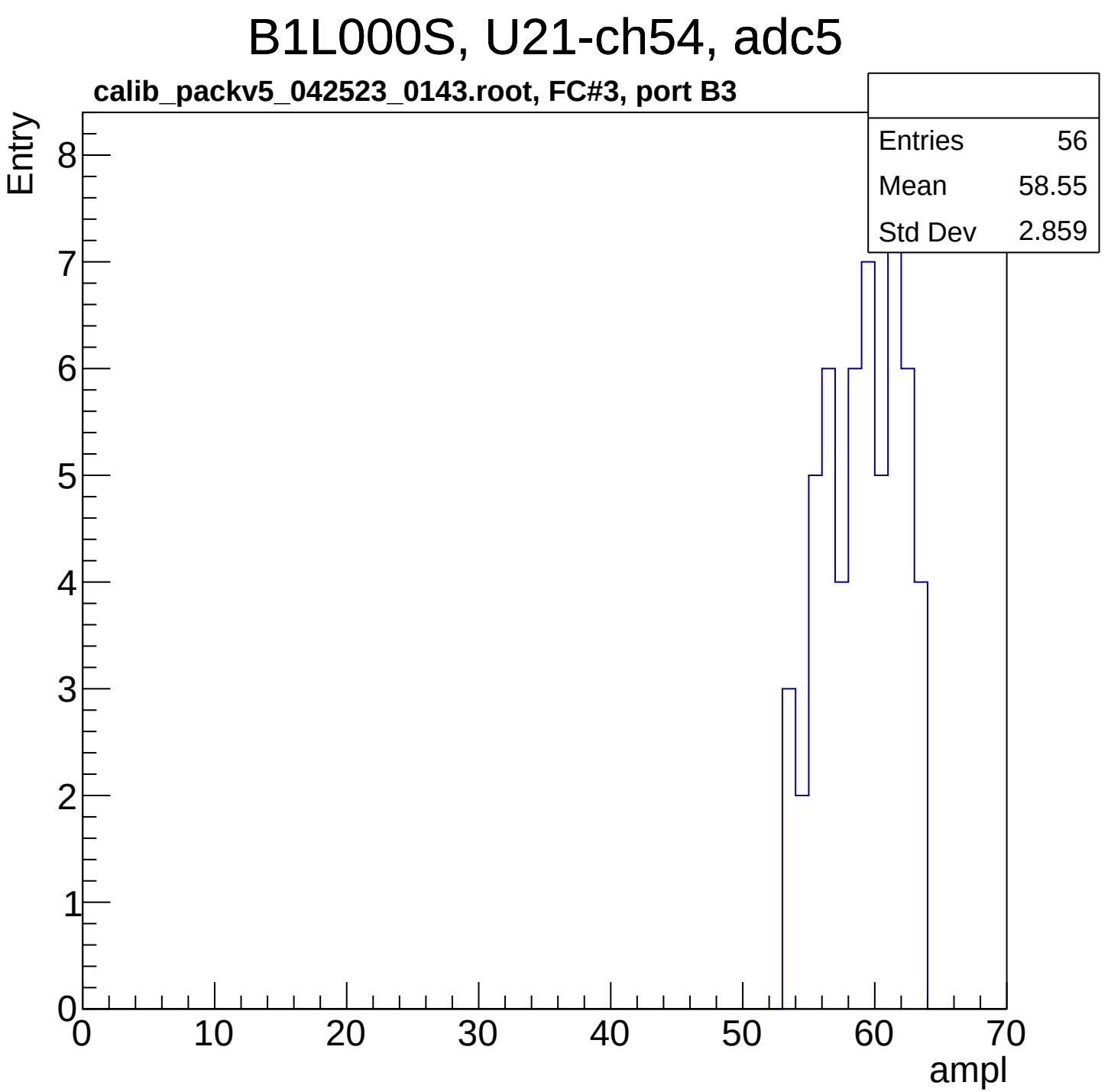

B1L000S, U21-ch54, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 27.98
Std Dev 2.831
Gaus mean : 28.5025
Gaus Width: 3.1180
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

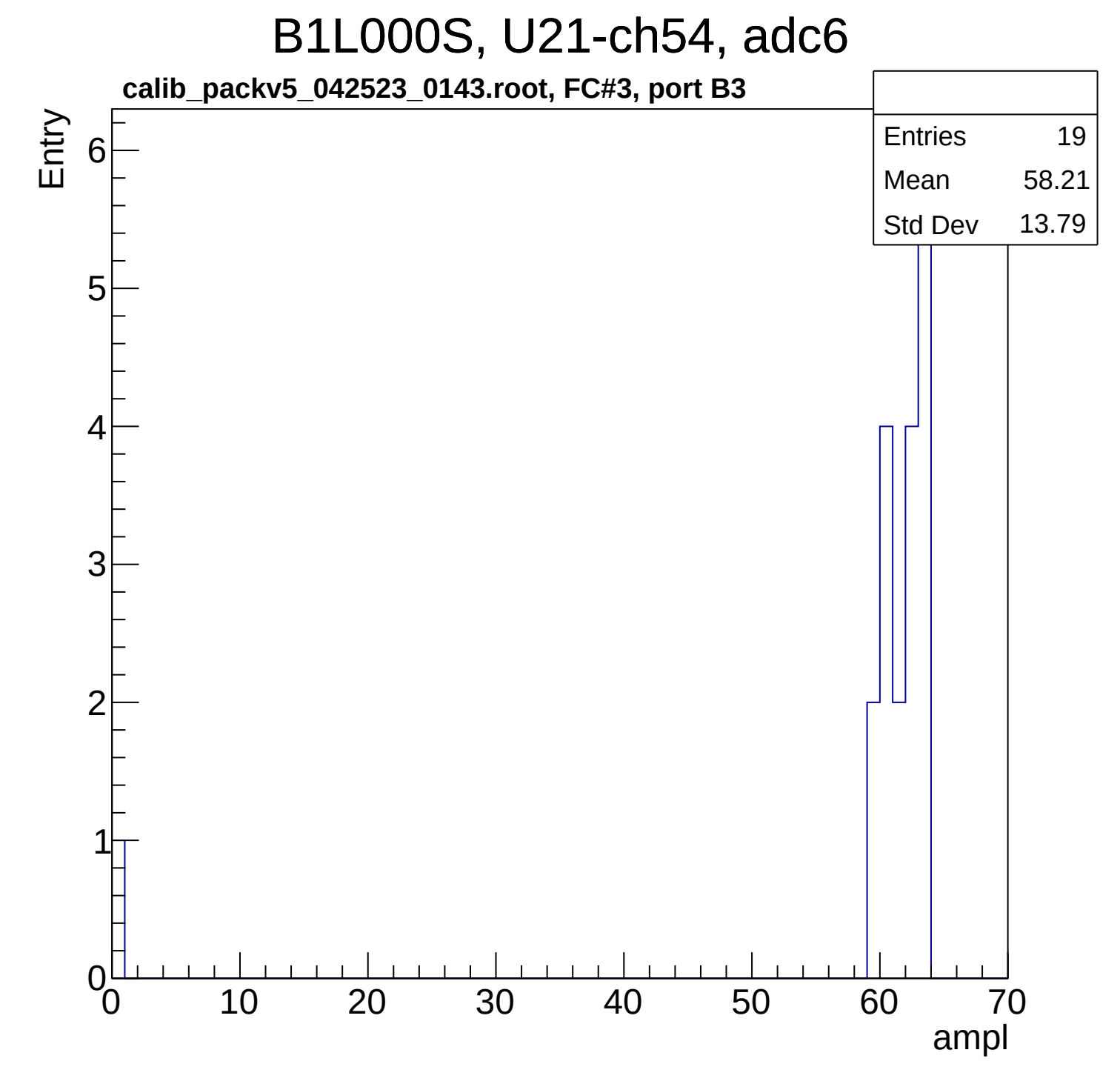

B1L000S, U21-ch54, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 35.31
Std Dev 3.424
Gaus mean : 35.6555
Gaus Width: 3.7159
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

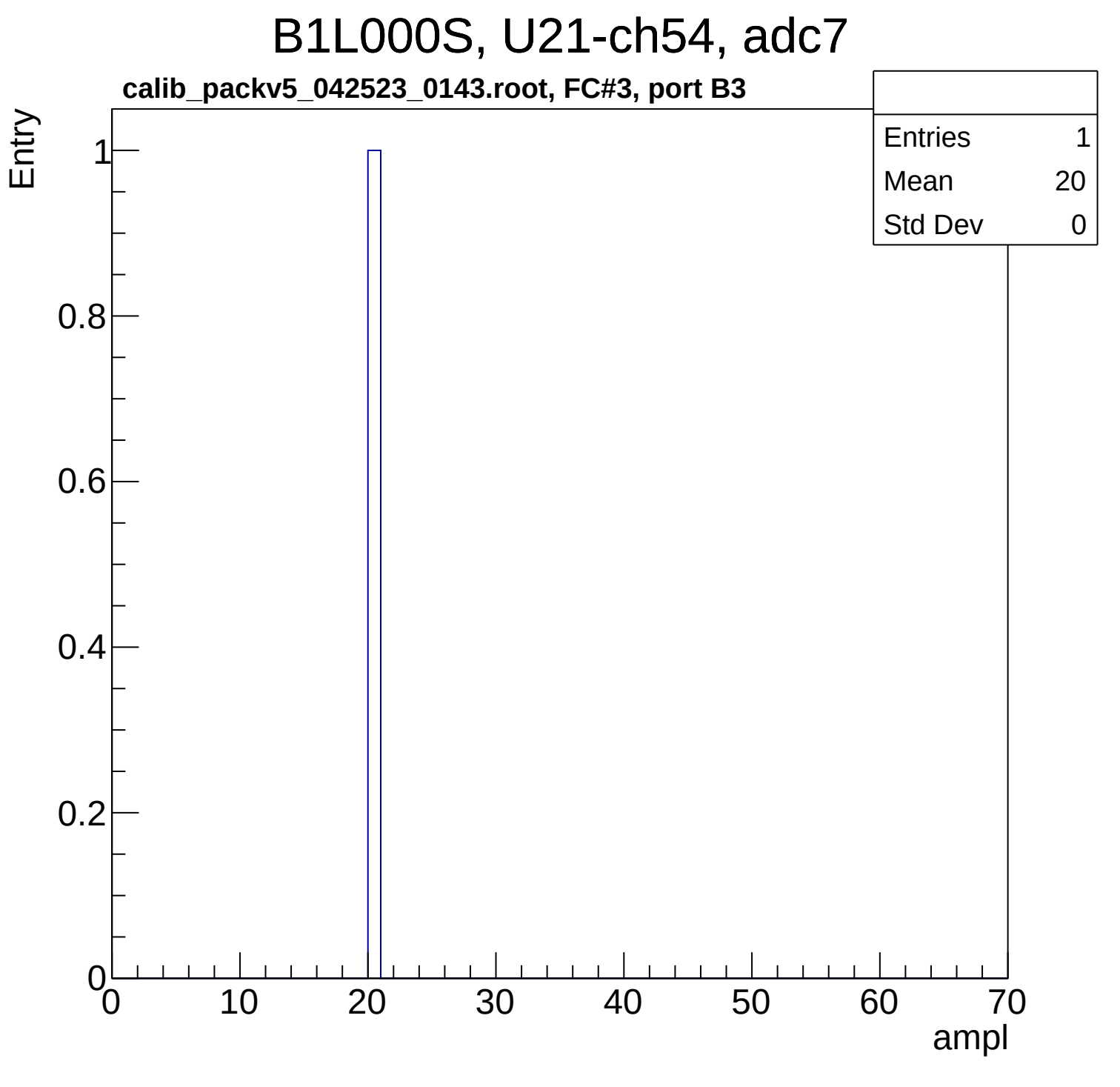

B1L000S, U21-ch54, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 41.78
Std Dev 3.012
Gaus mean : 42.1533
Gaus Width: 3.5645
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

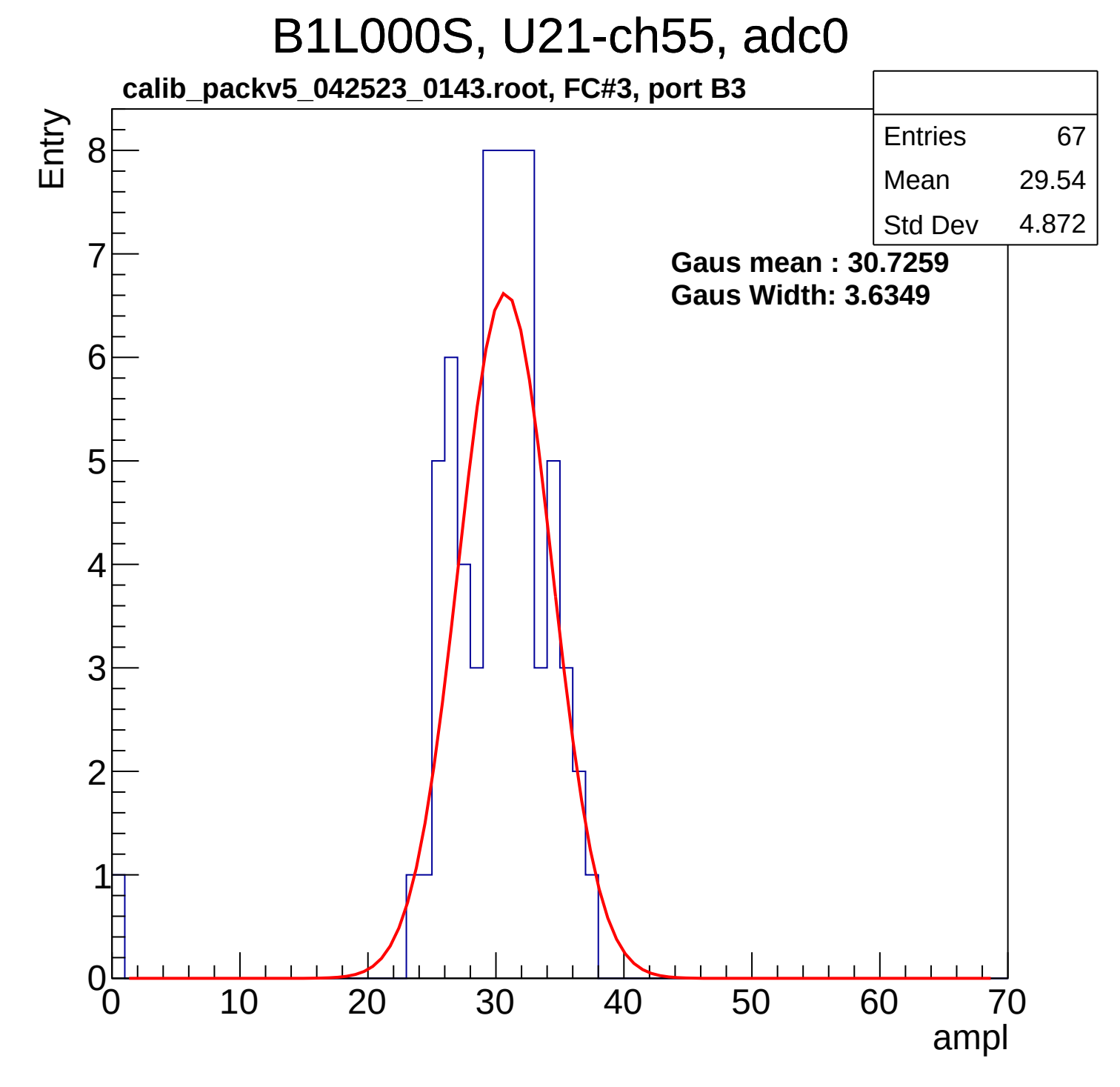

B1L000S, U21-ch54, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 47.44
Std Dev 3.079
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

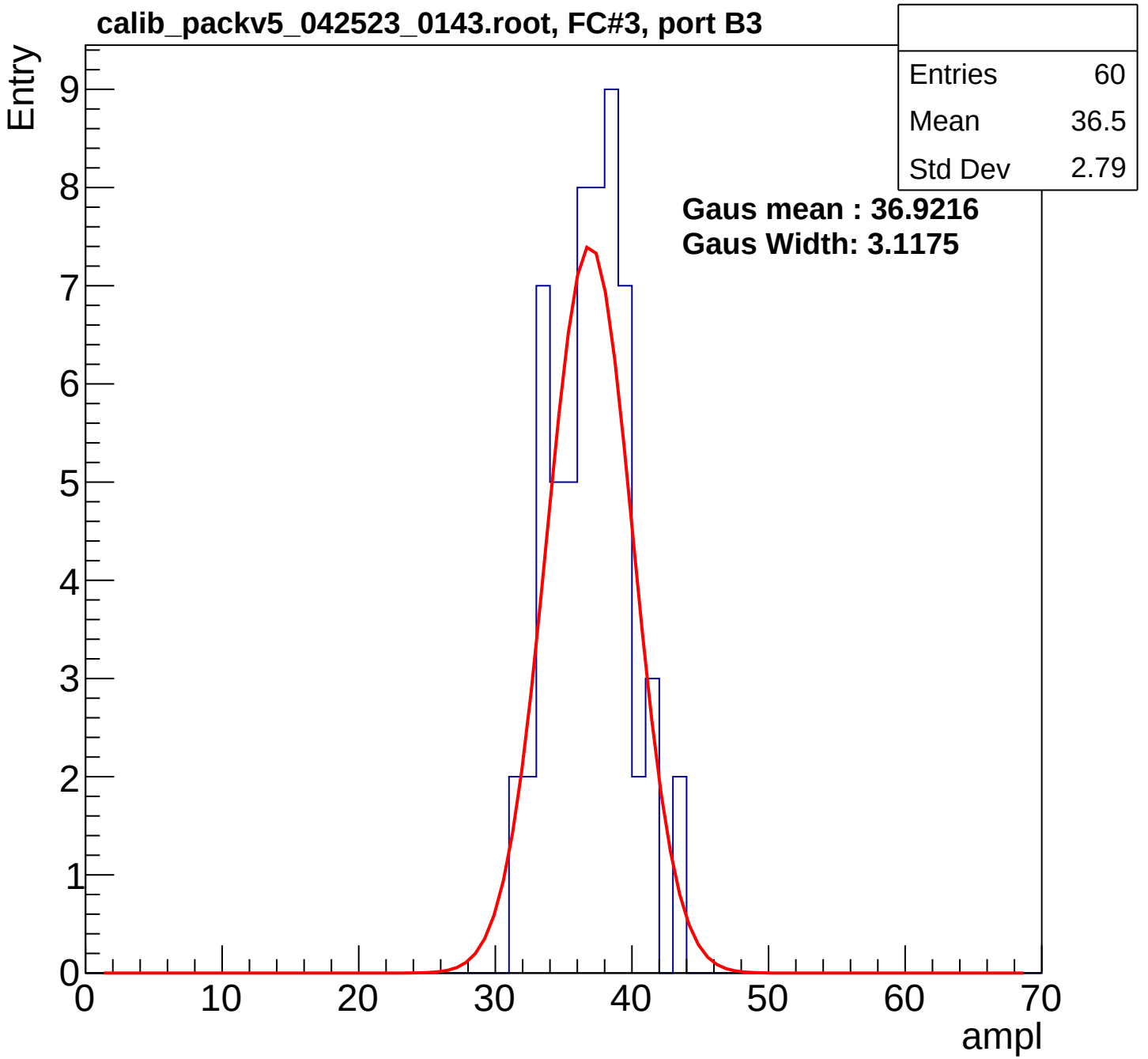

B1L000S, U21-ch54, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 53.54
Std Dev 2.926
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

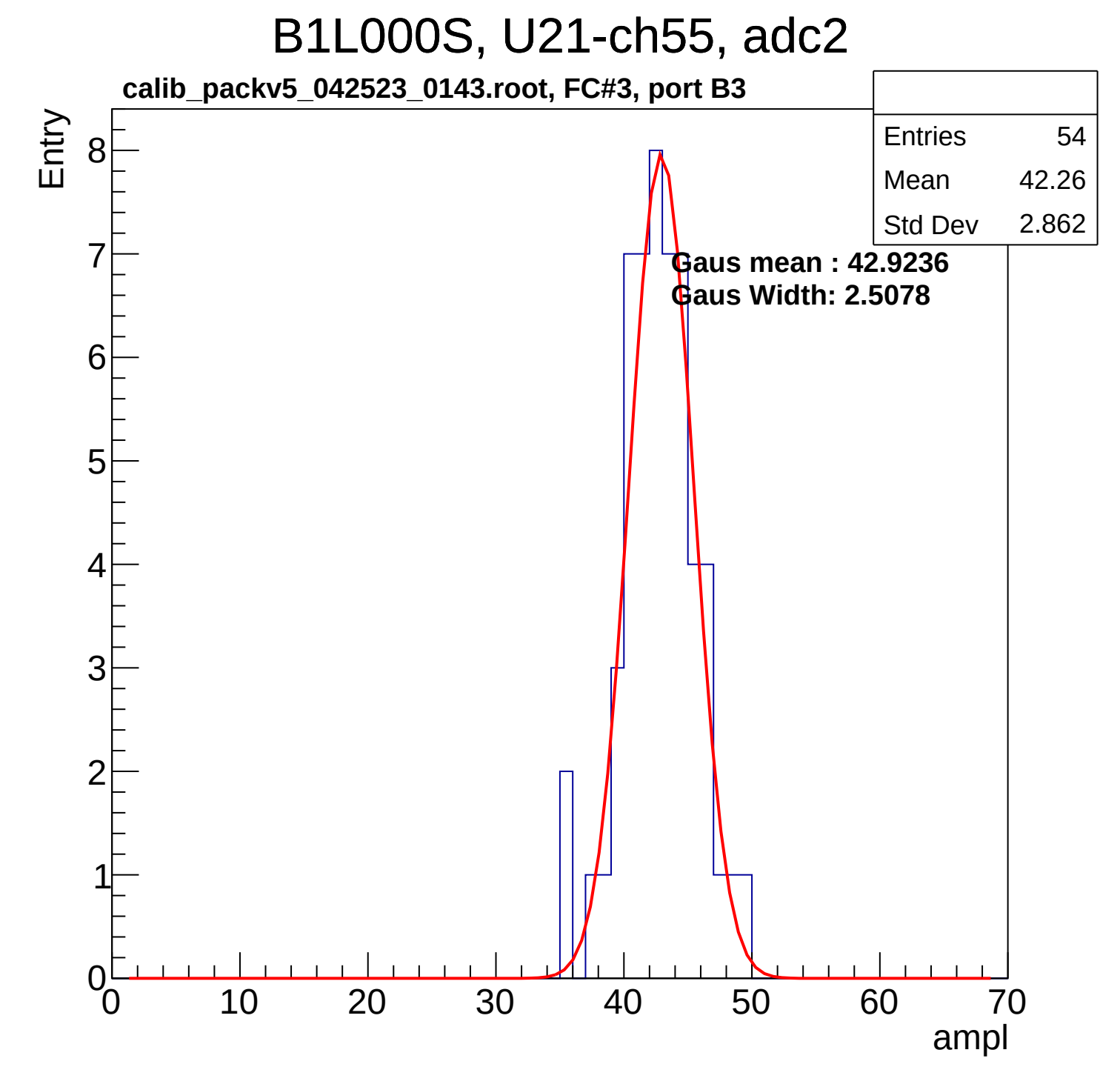

B1L000S, U21-ch54, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 58.55
Std Dev 2.859
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

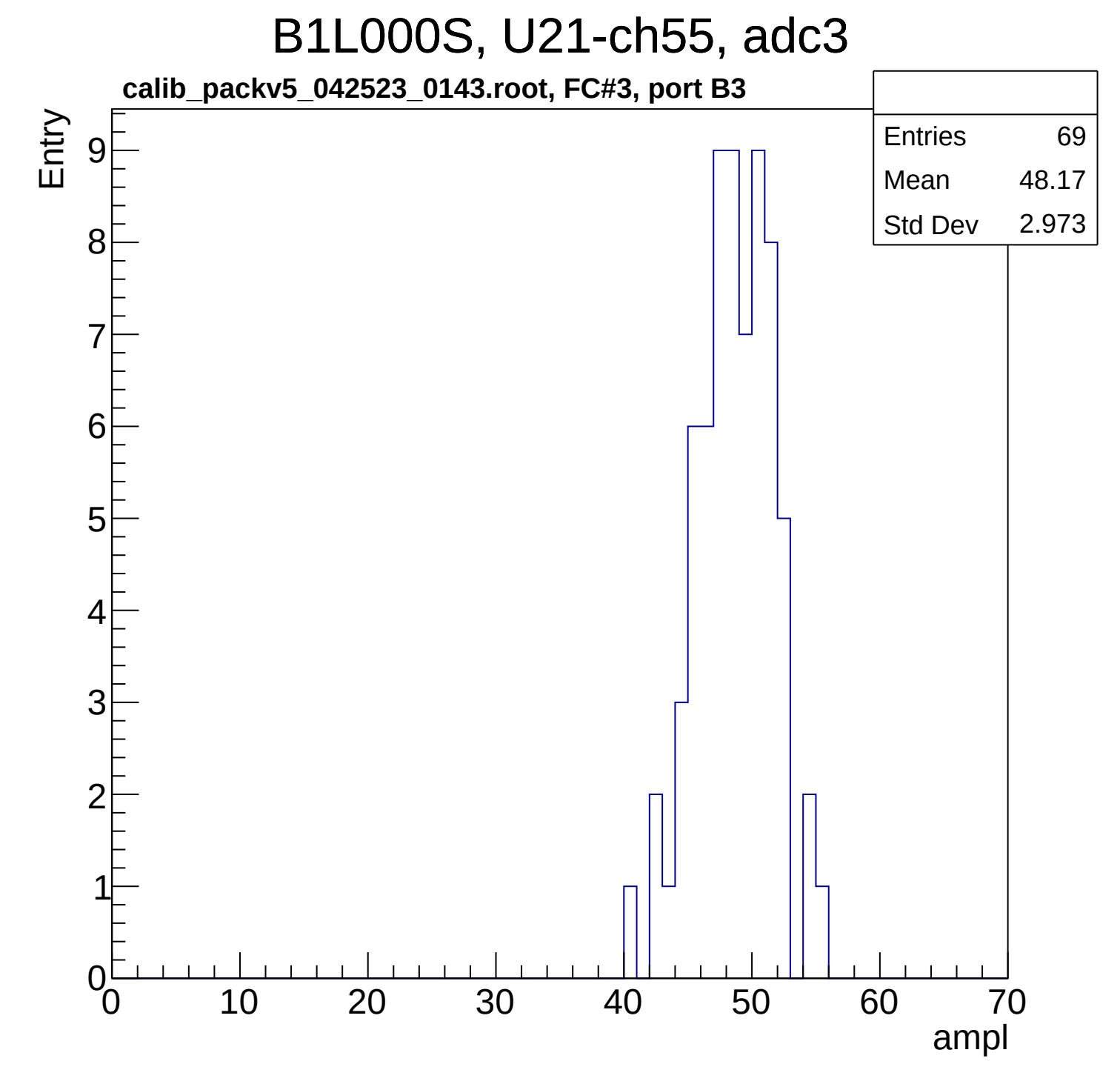

B1L000S, U21-ch54, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 19
Mean 58.21
Std Dev 13.79
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

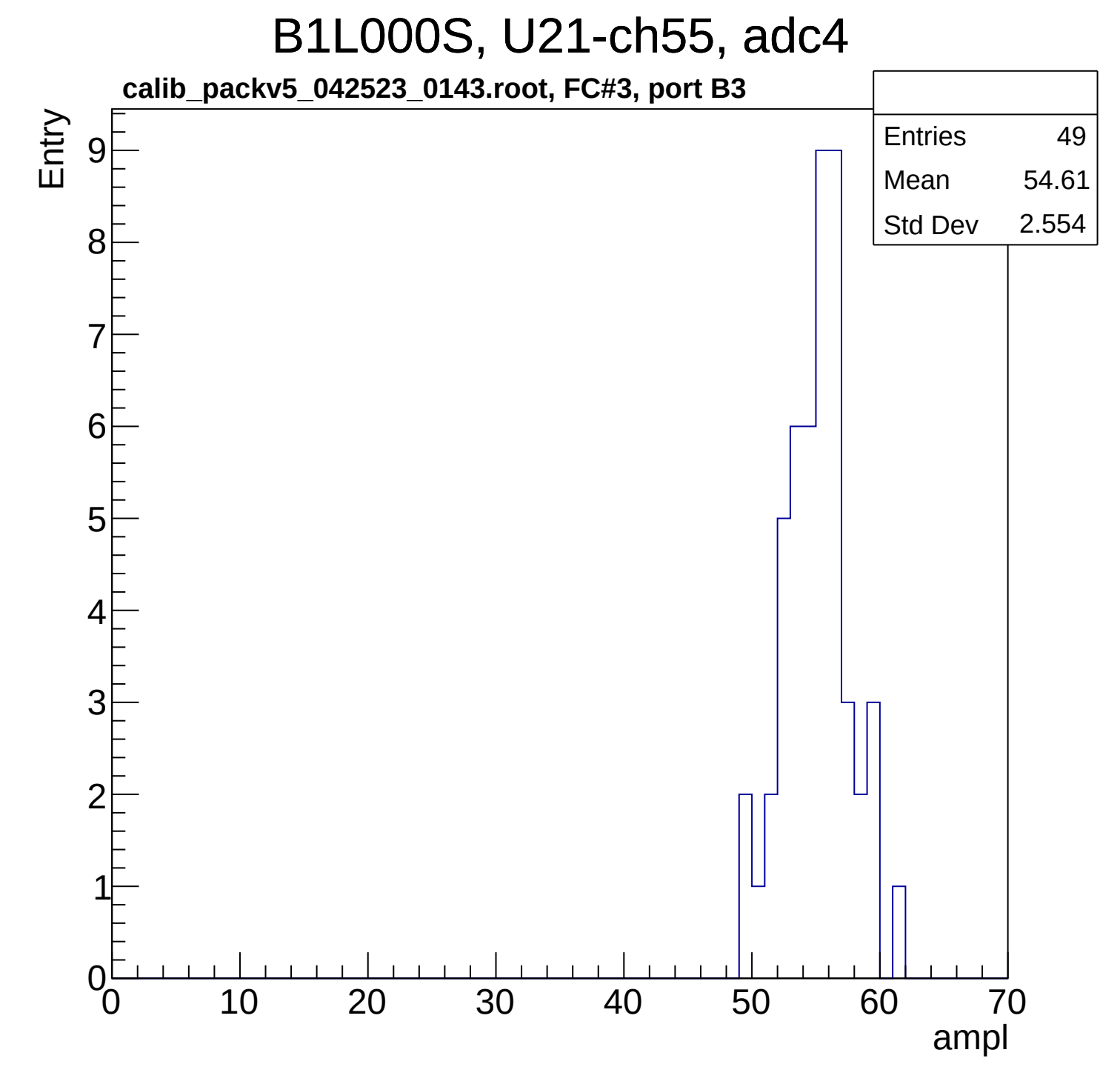

B1L000S, U21-ch54, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 20
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

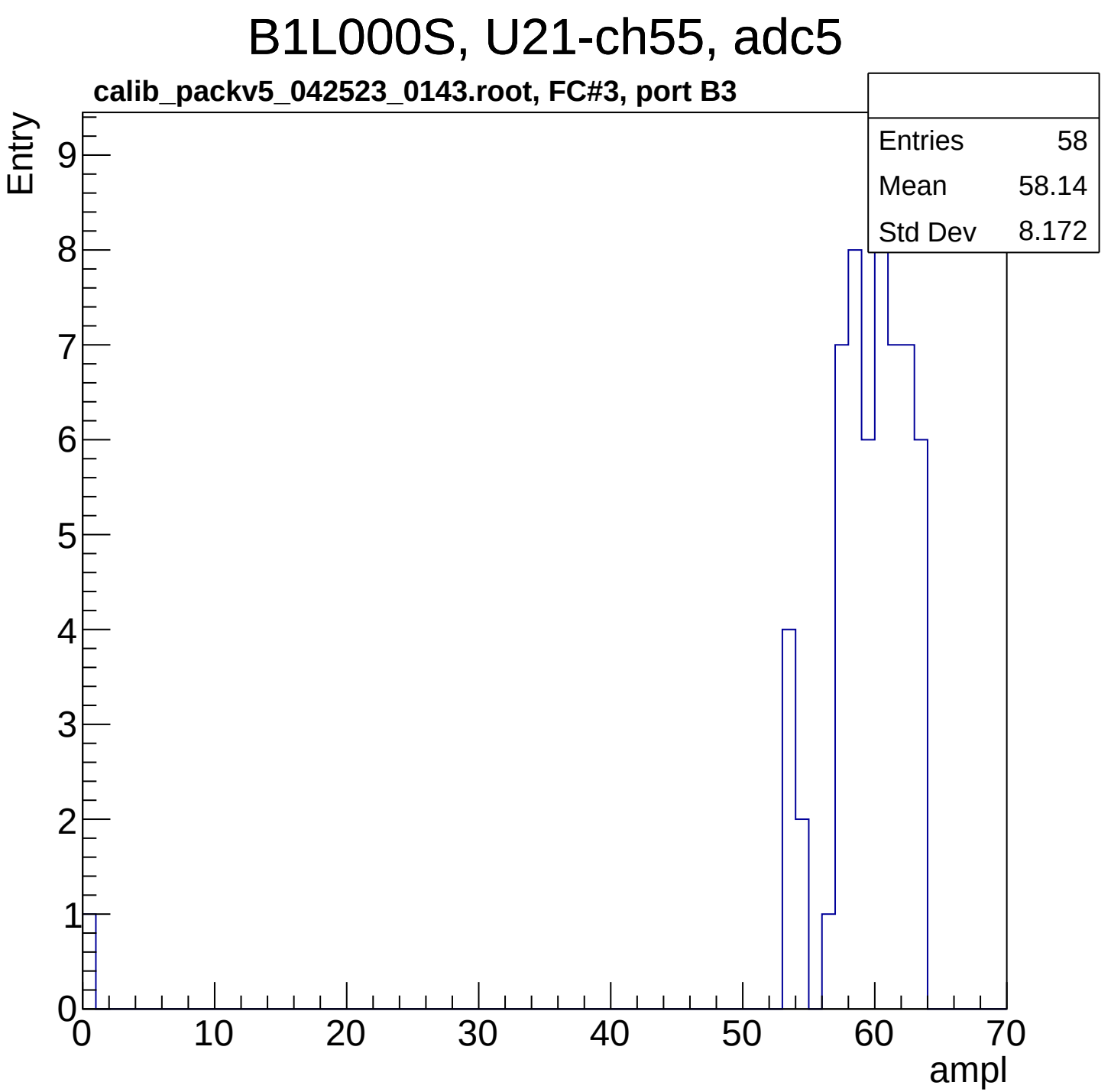

B1L000S, U21-ch55, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 29.54
Std Dev 4.872
Gaus mean : 30.7259
Gaus Width: 3.6349
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

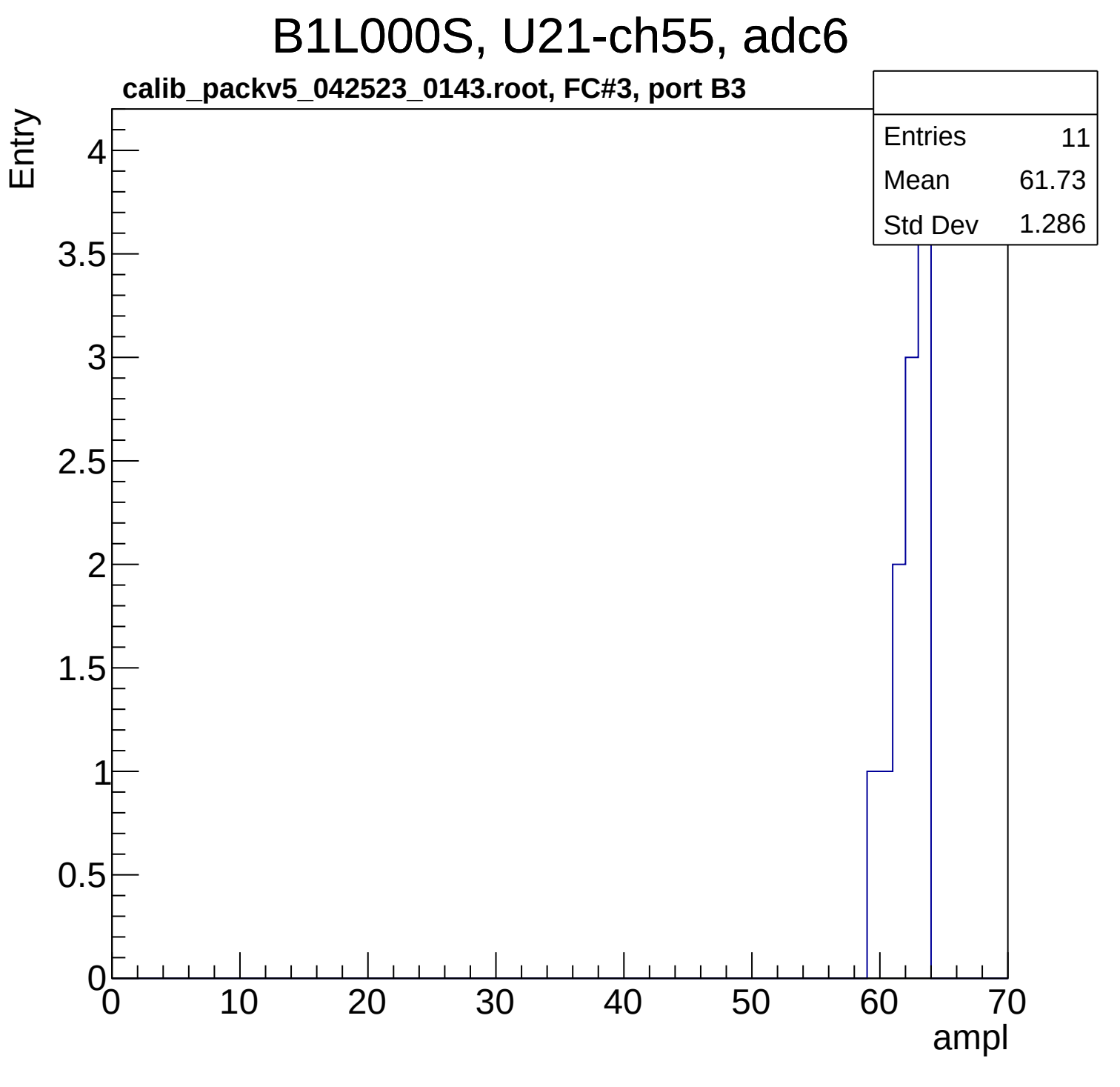

B1L000S, U21-ch55, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 36.5
Std Dev 2.79
Gaus mean : 36.9216
Gaus Width: 3.1175
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

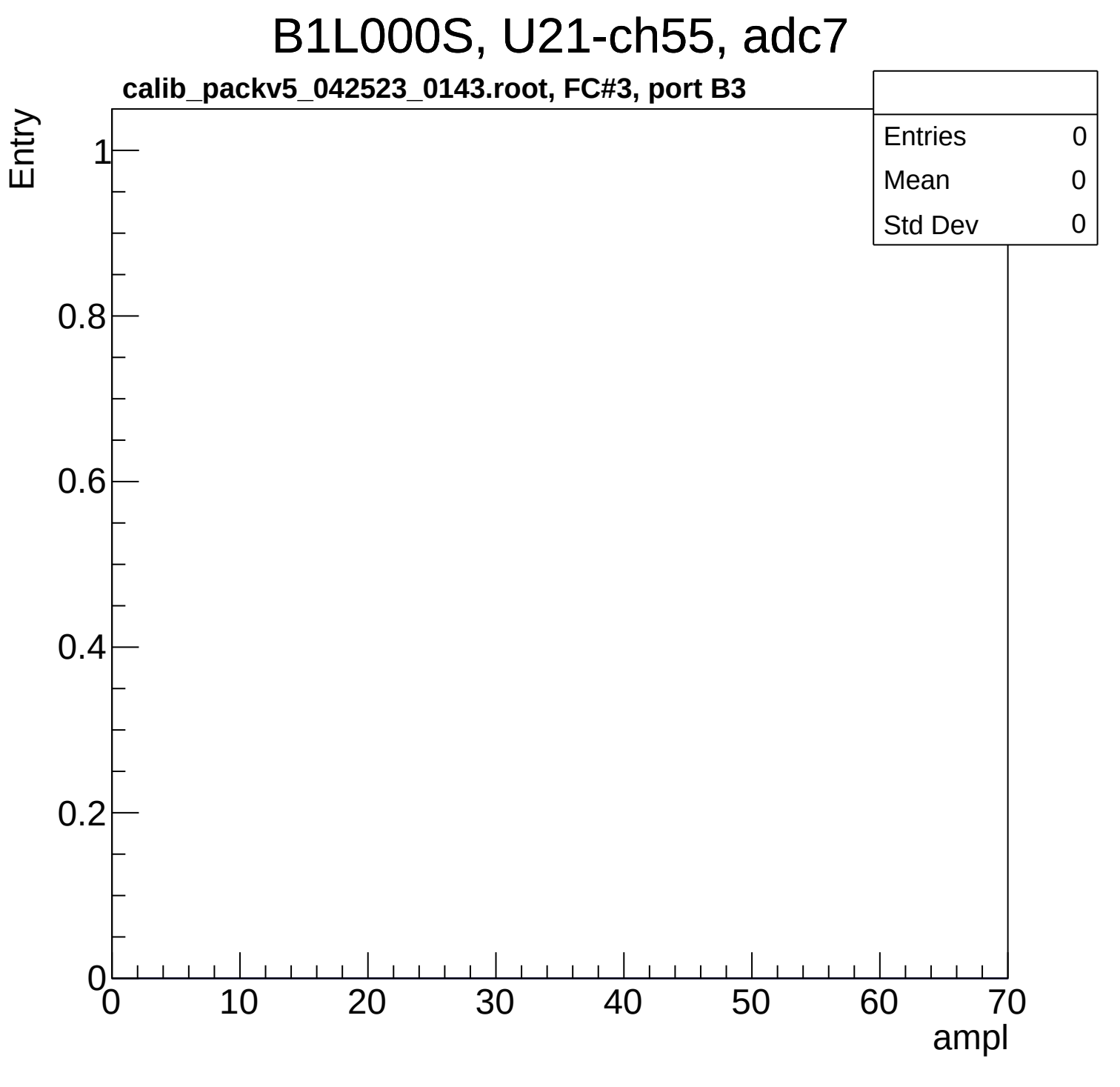

B1L000S, U21-ch55, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 42.26
Std Dev 2.862
Gaus mean : 42.9236
Gaus Width: 2.5078
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

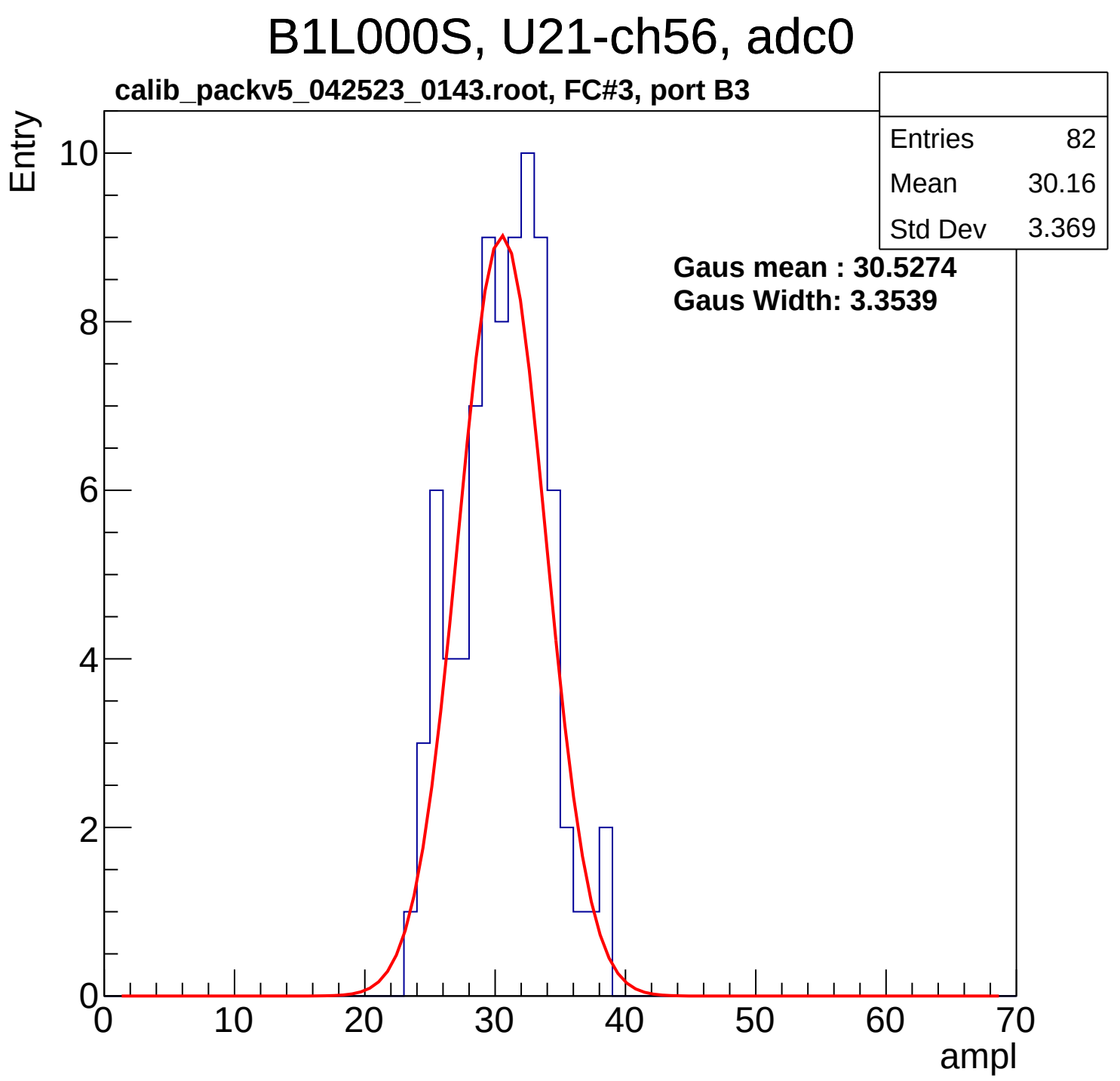

B1L000S, U21-ch55, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 48.17
Std Dev 2.973
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

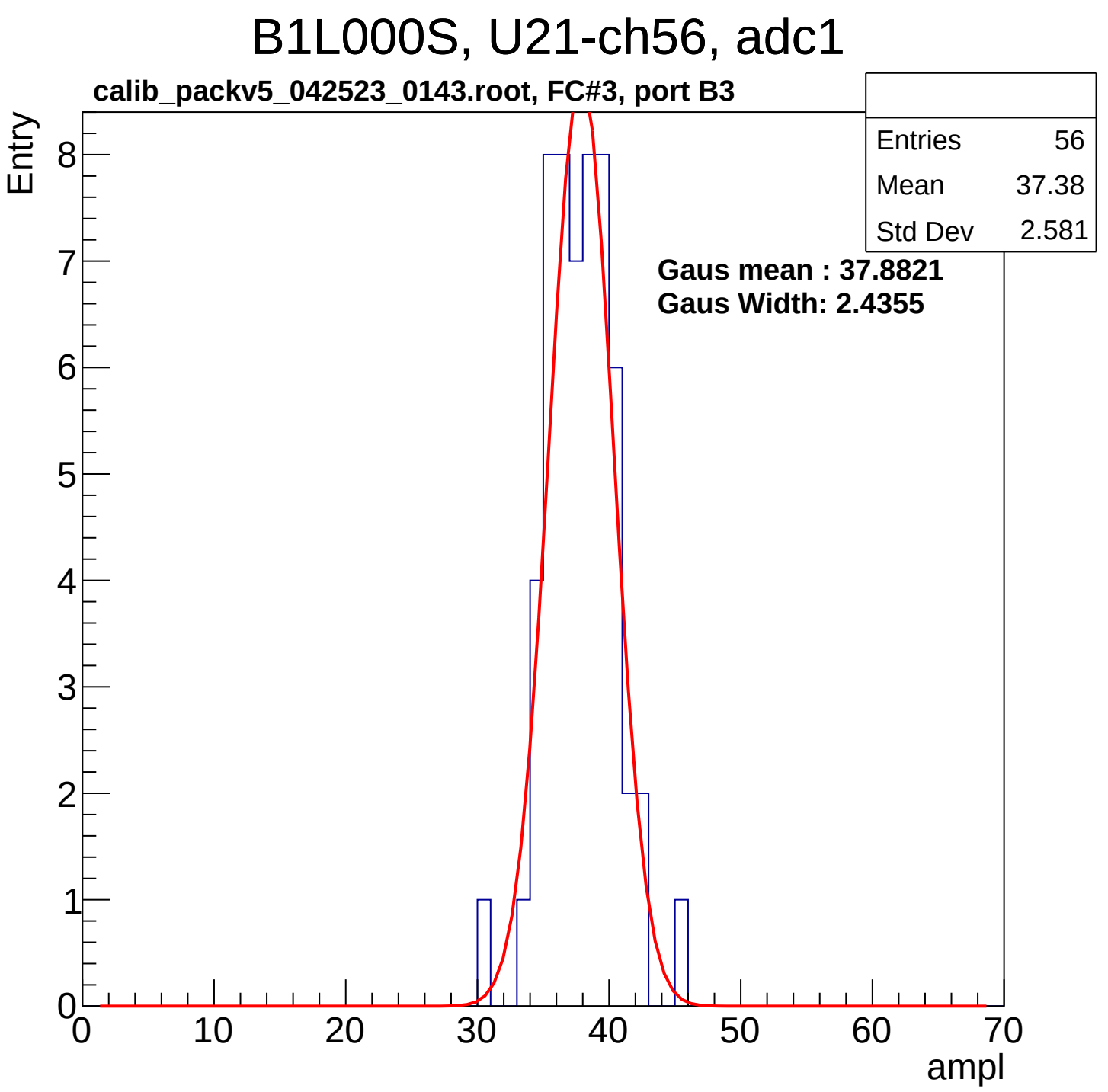

B1L000S, U21-ch55, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 54.61
Std Dev 2.554
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

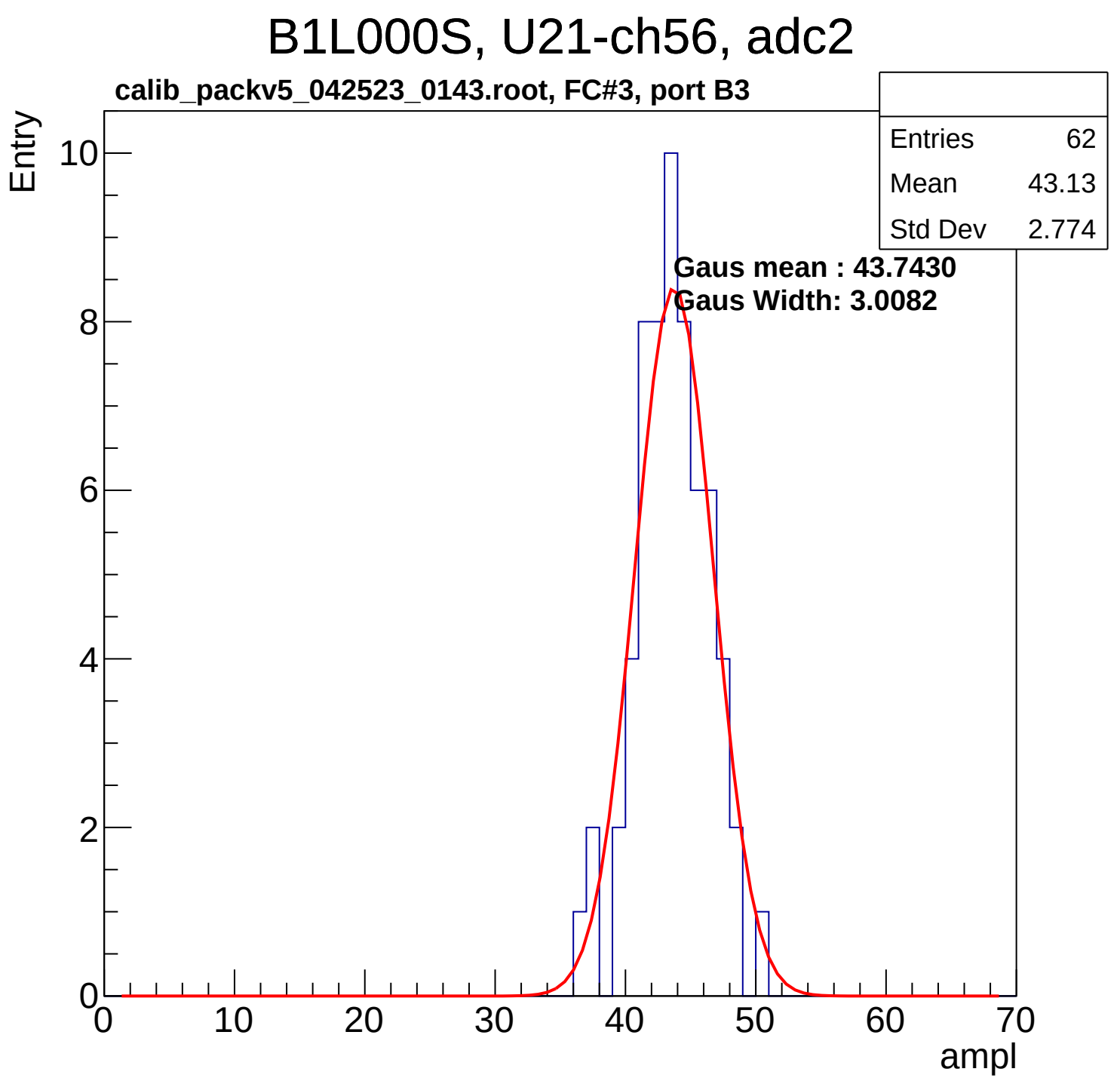

B1L000S, U21-ch55, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 58.14
Std Dev 8.172
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

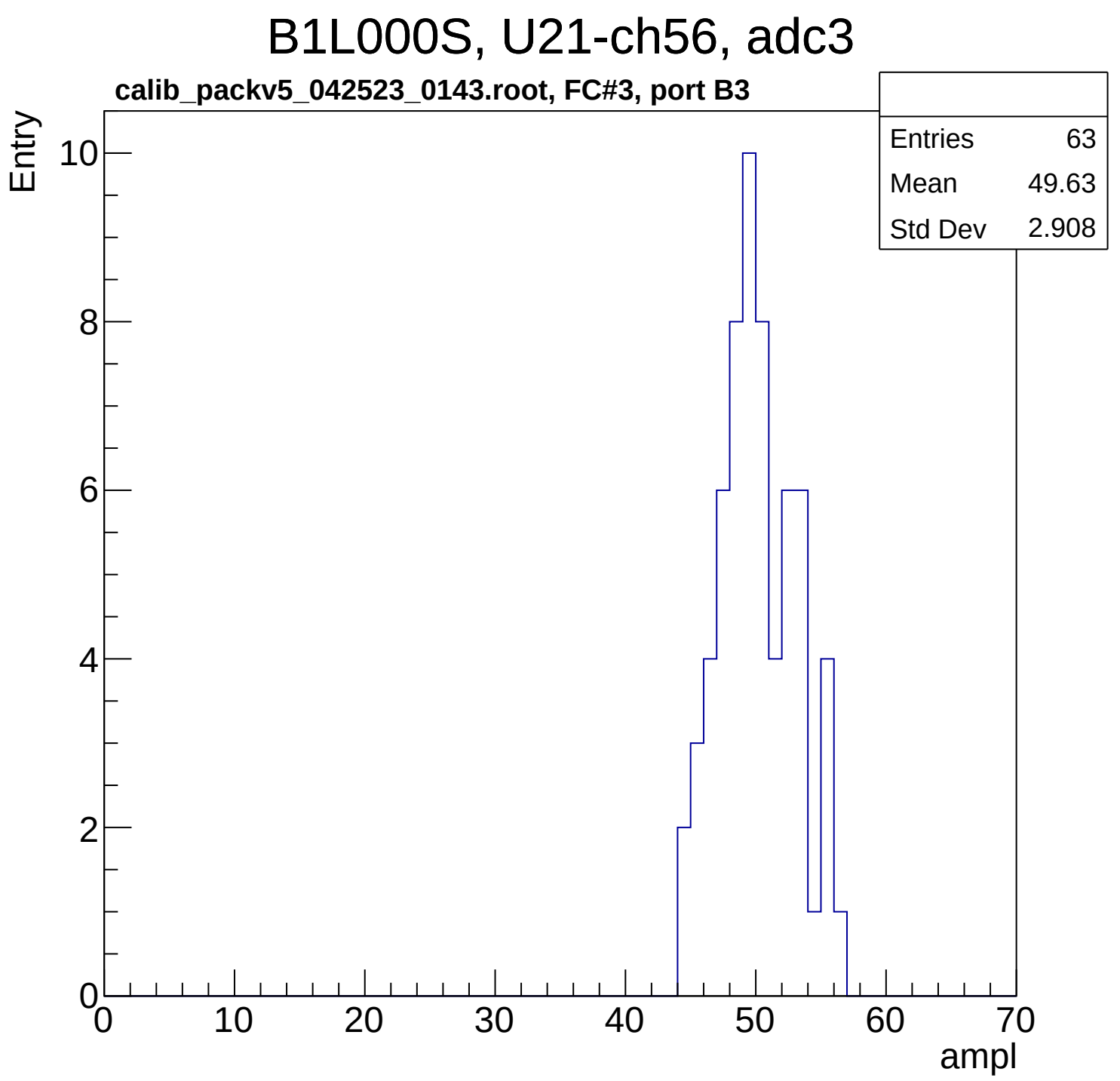

B1L000S, U21-ch55, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 61.73
Std Dev 1.286
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

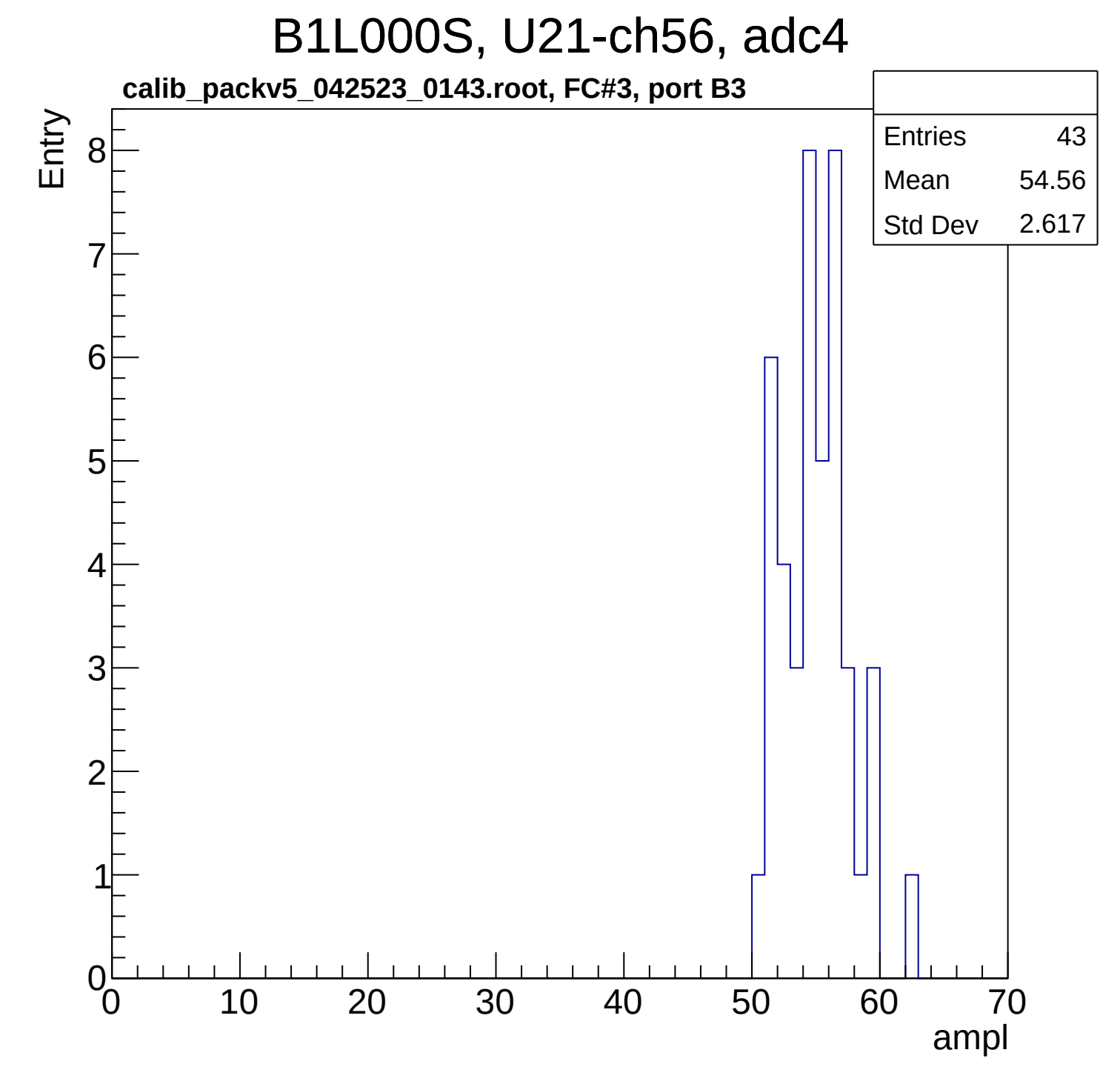

B1L000S, U21-ch55, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

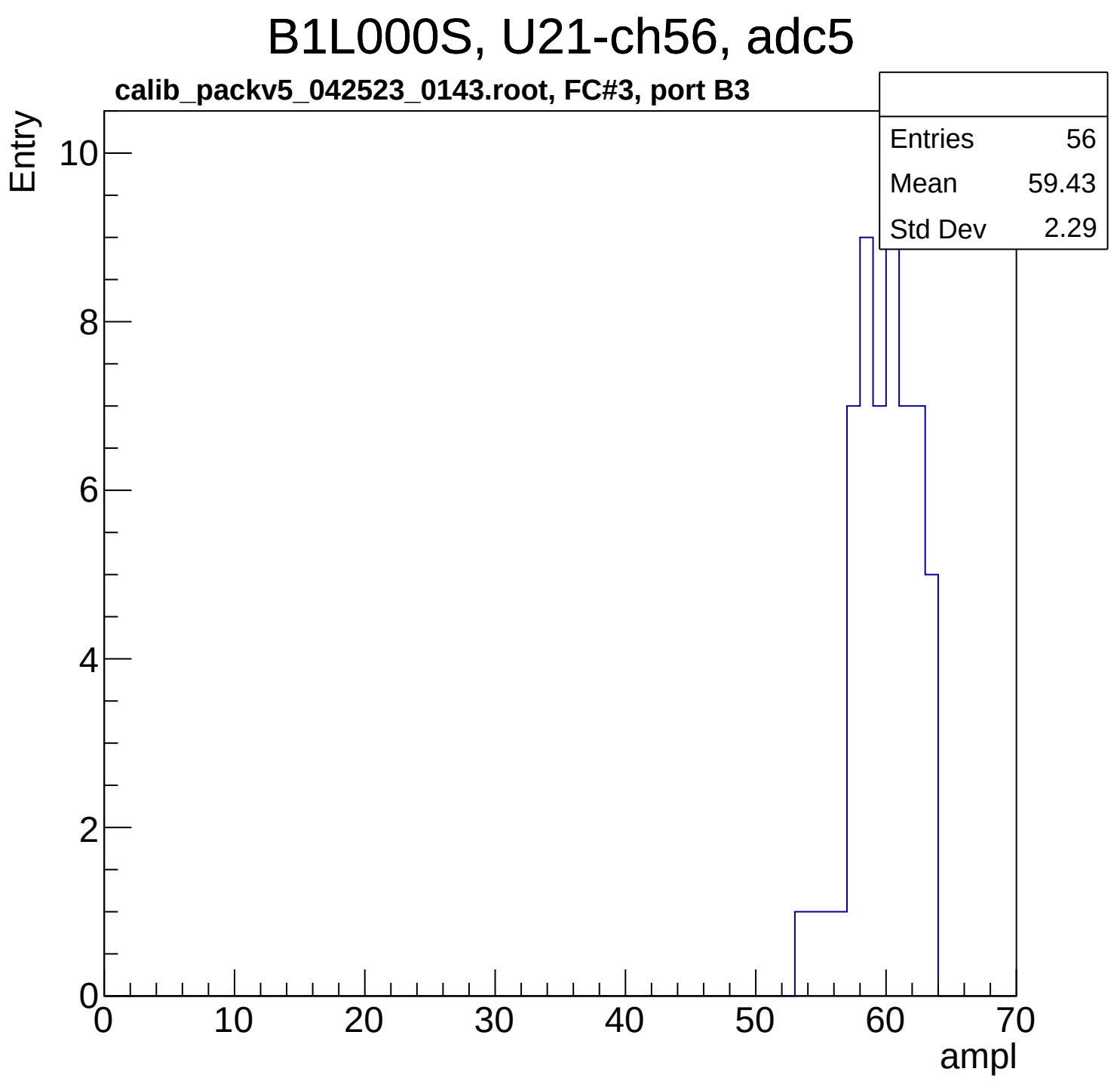

B1L000S, U21-ch56, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 82
Mean 30.16
Std Dev 3.369
Gaus mean : 30.5274
Gaus Width: 3.3539
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

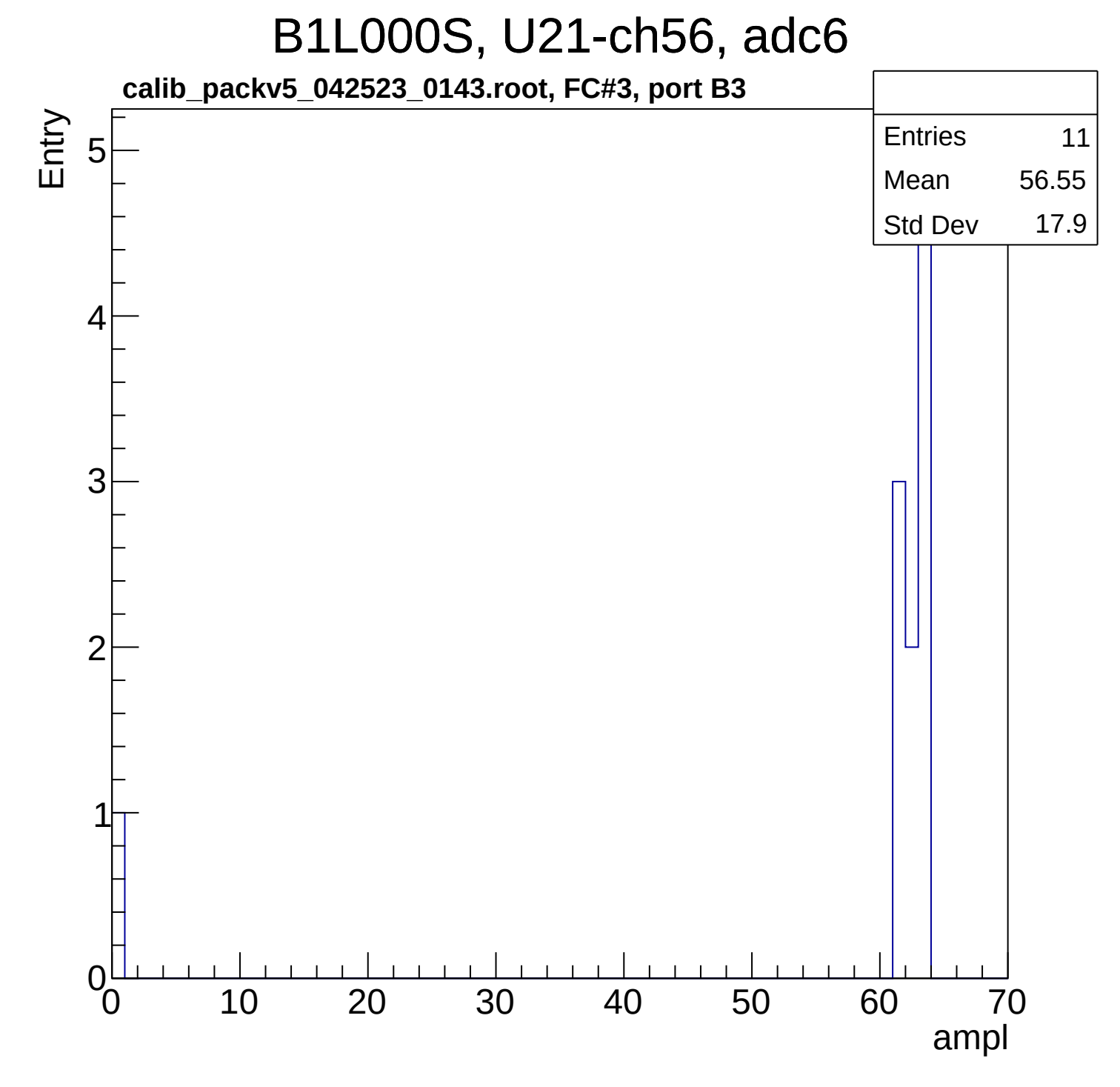

B1L000S, U21-ch56, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 37.38
Std Dev 2.581
Gaus mean : 37.8821
Gaus Width: 2.4355
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

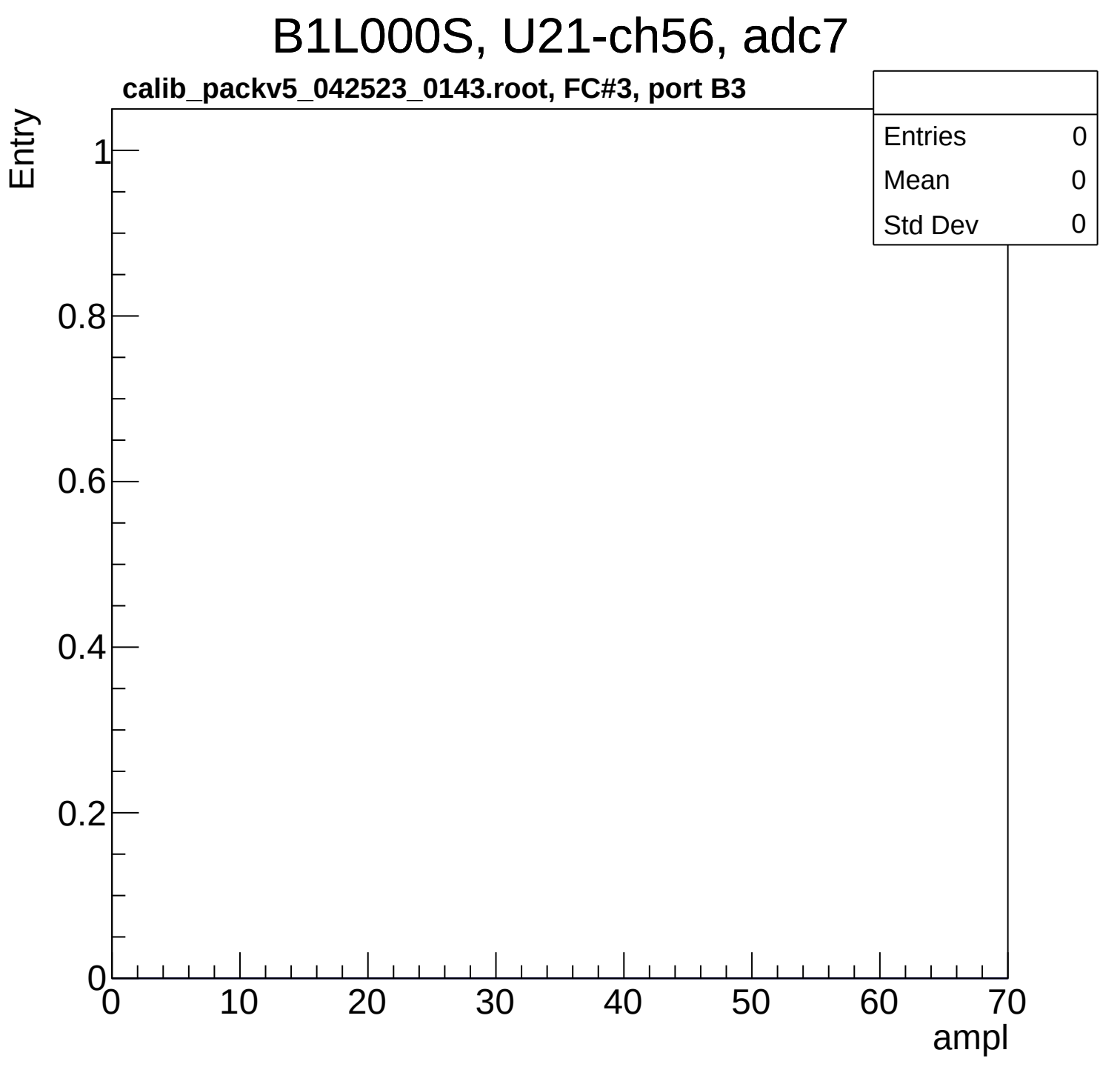

B1L000S, U21-ch56, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 43.13
Std Dev 2.774
Gaus mean : 43.7430
Gaus Width: 3.0082
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

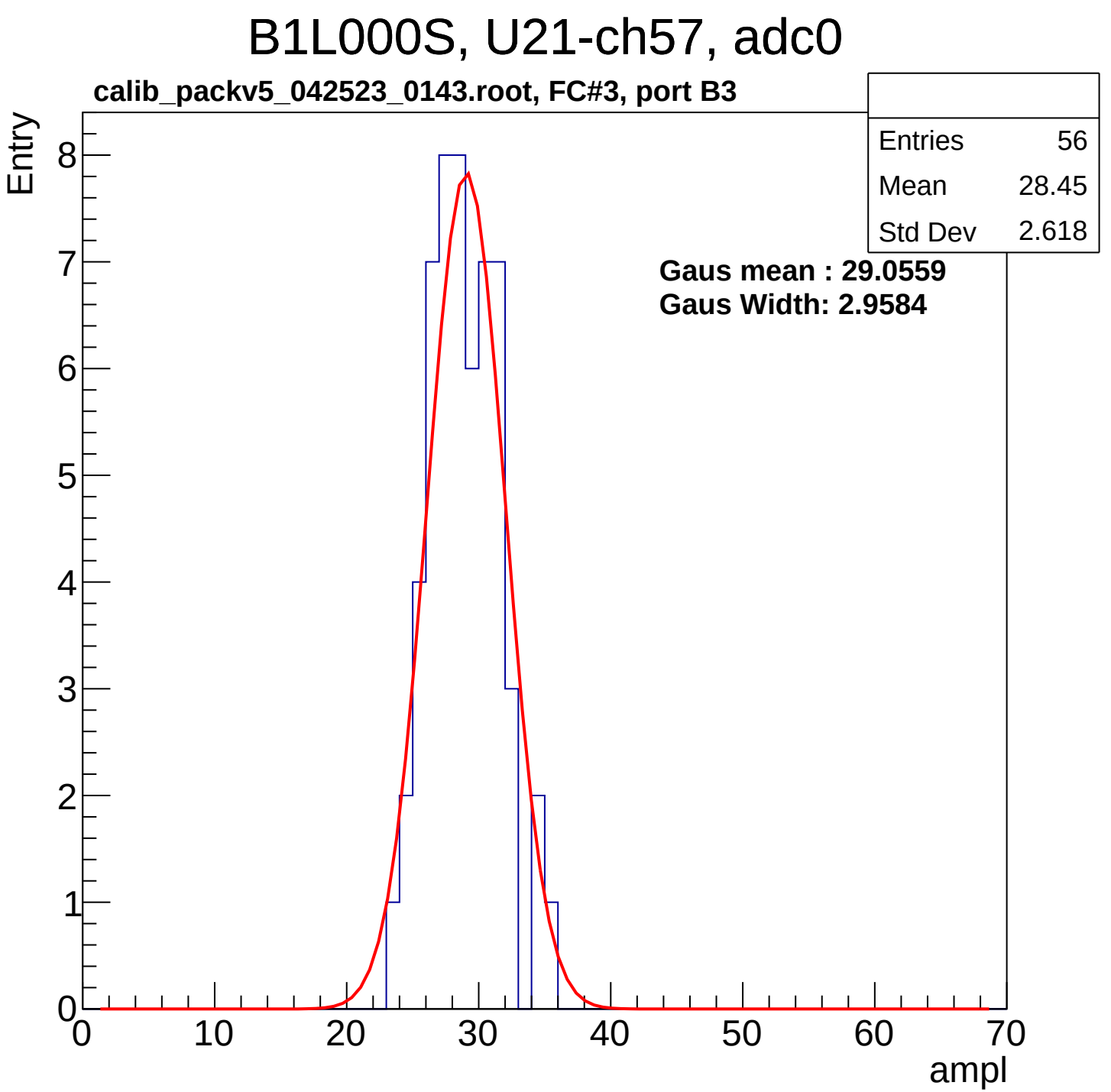

B1L000S, U21-ch56, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 49.63
Std Dev 2.908
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

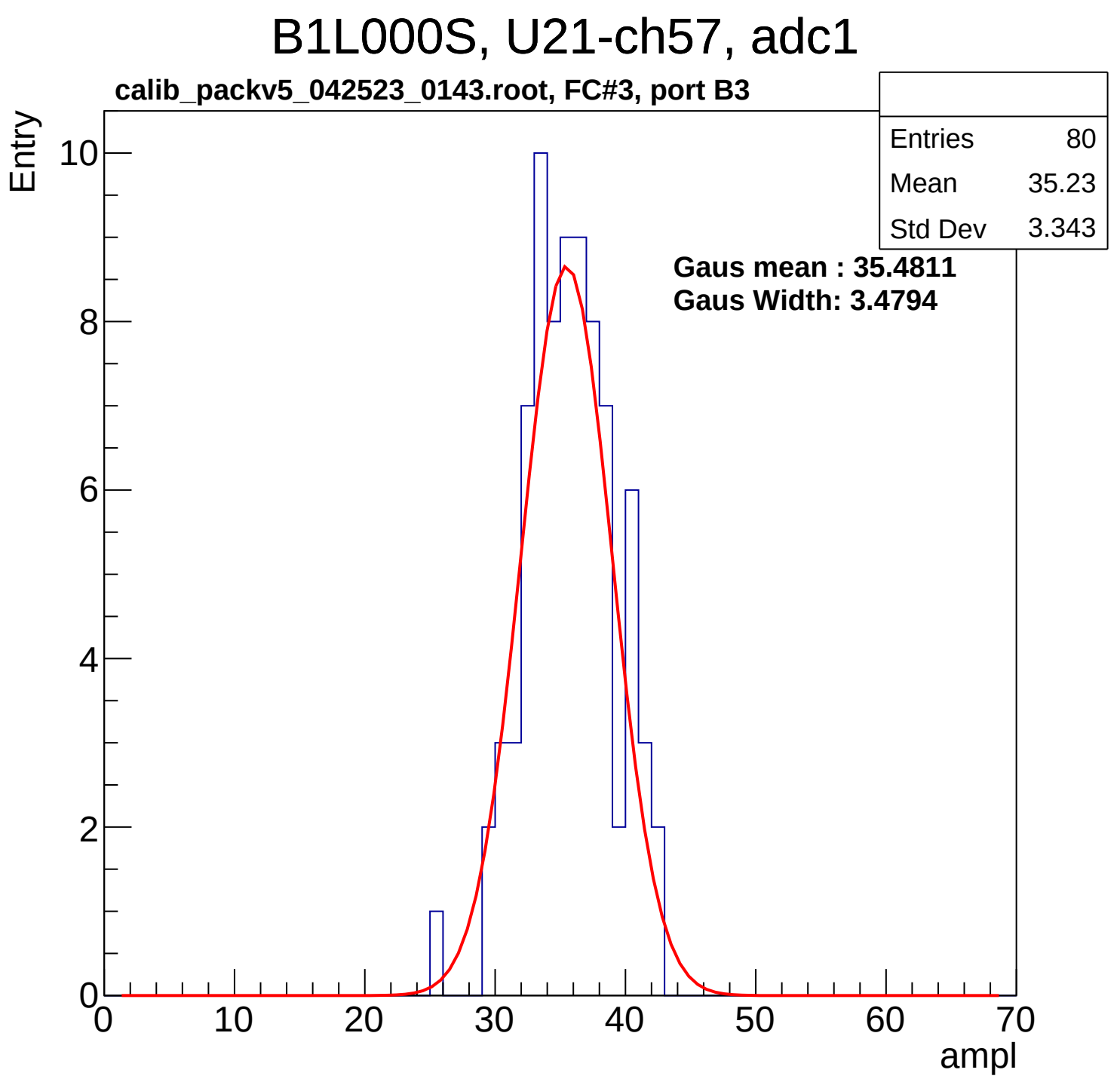

B1L000S, U21-ch56, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 54.56
Std Dev 2.617
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

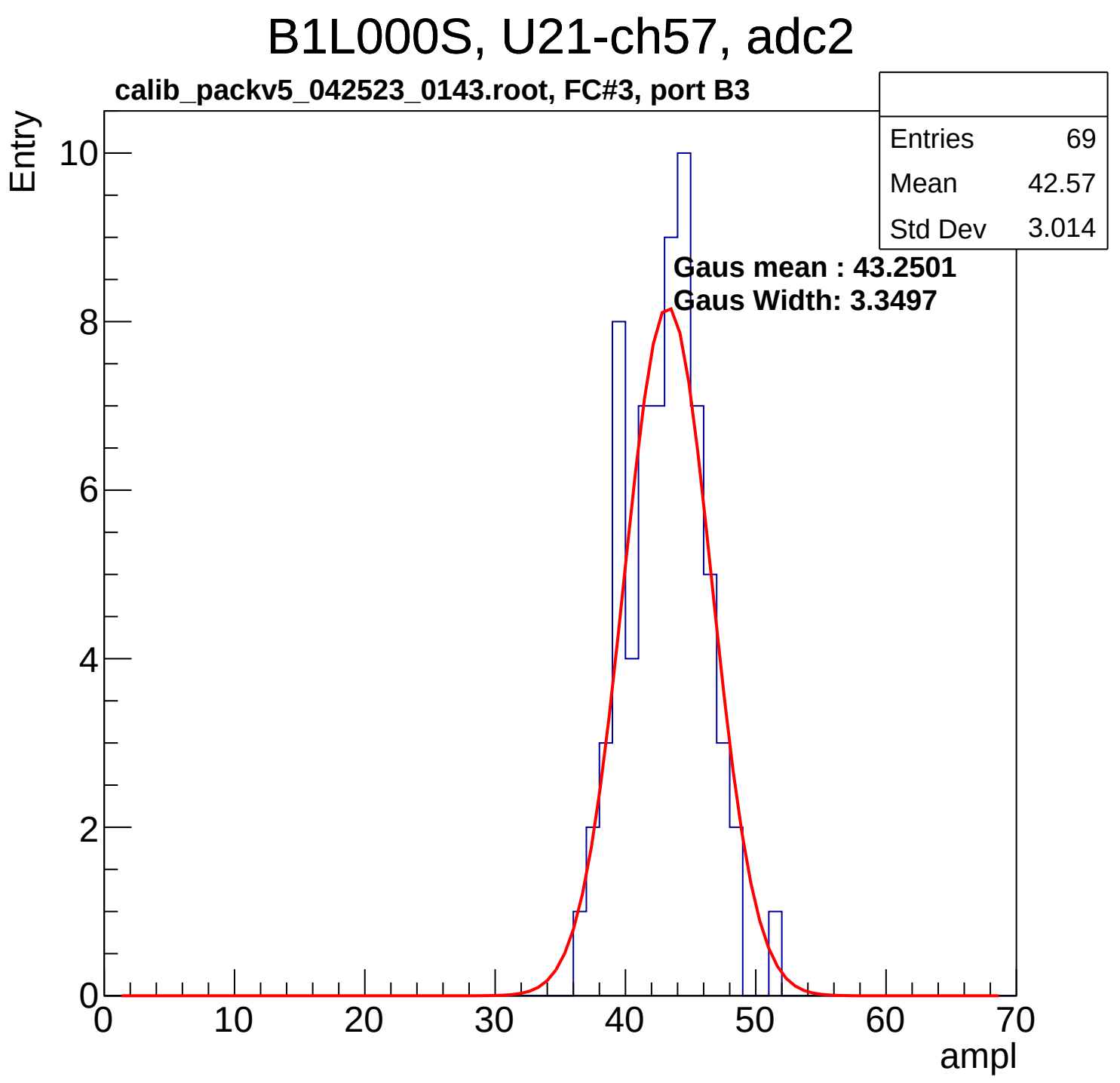

B1L000S, U21-ch56, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 59.43
Std Dev 2.29
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

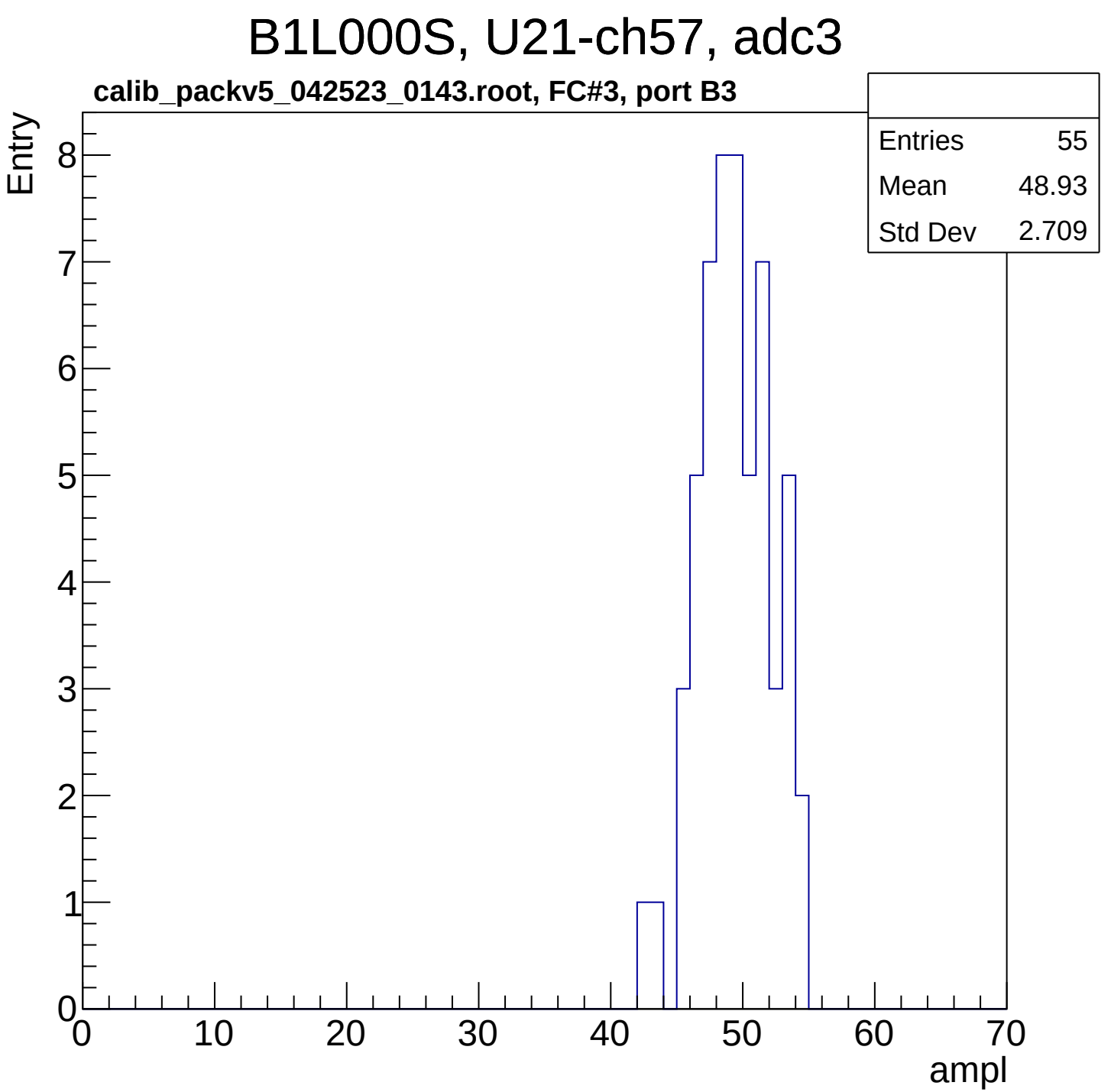

B1L000S, U21-ch56, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 56.55
Std Dev 17.9
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

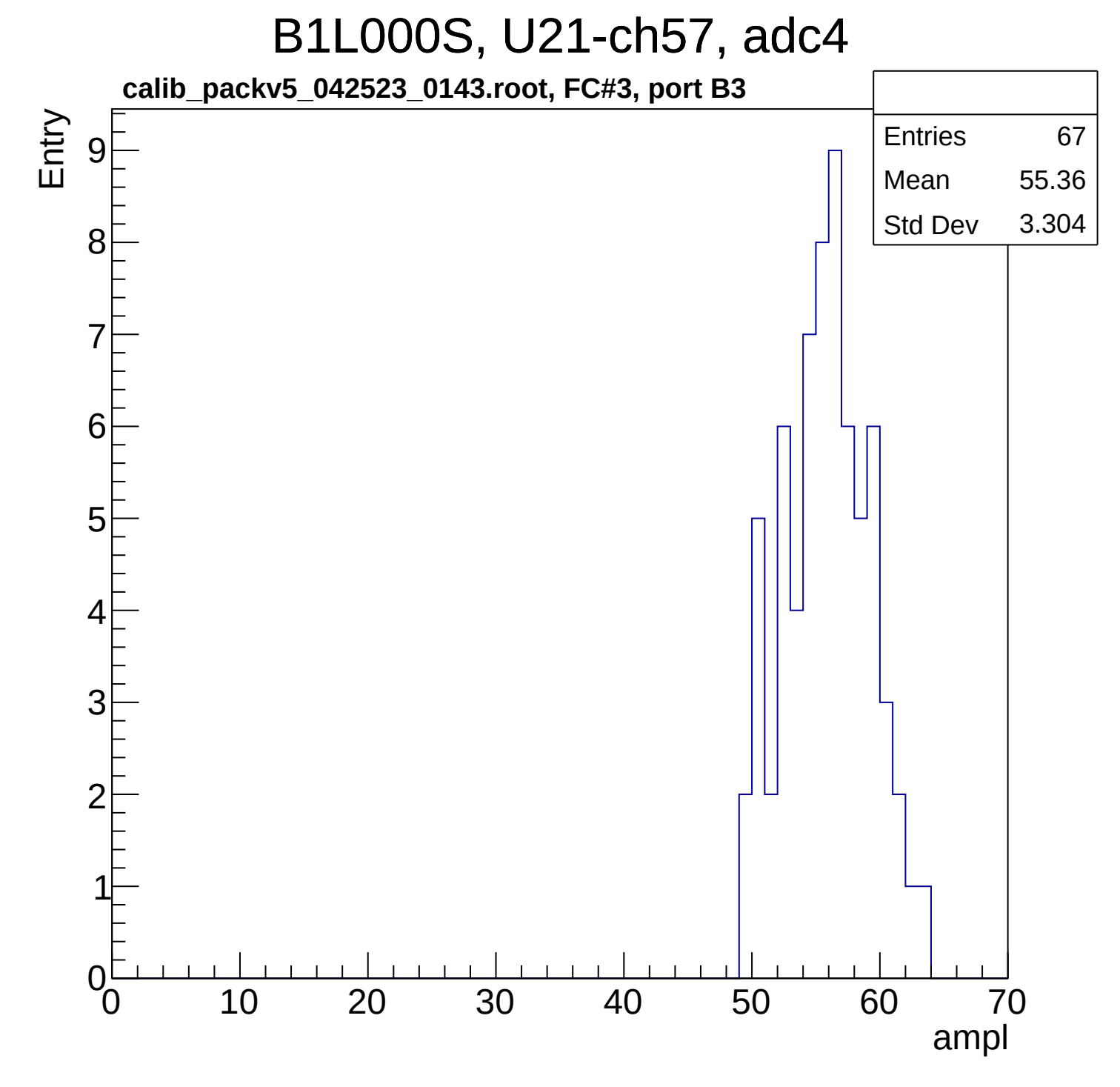

B1L000S, U21-ch56, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

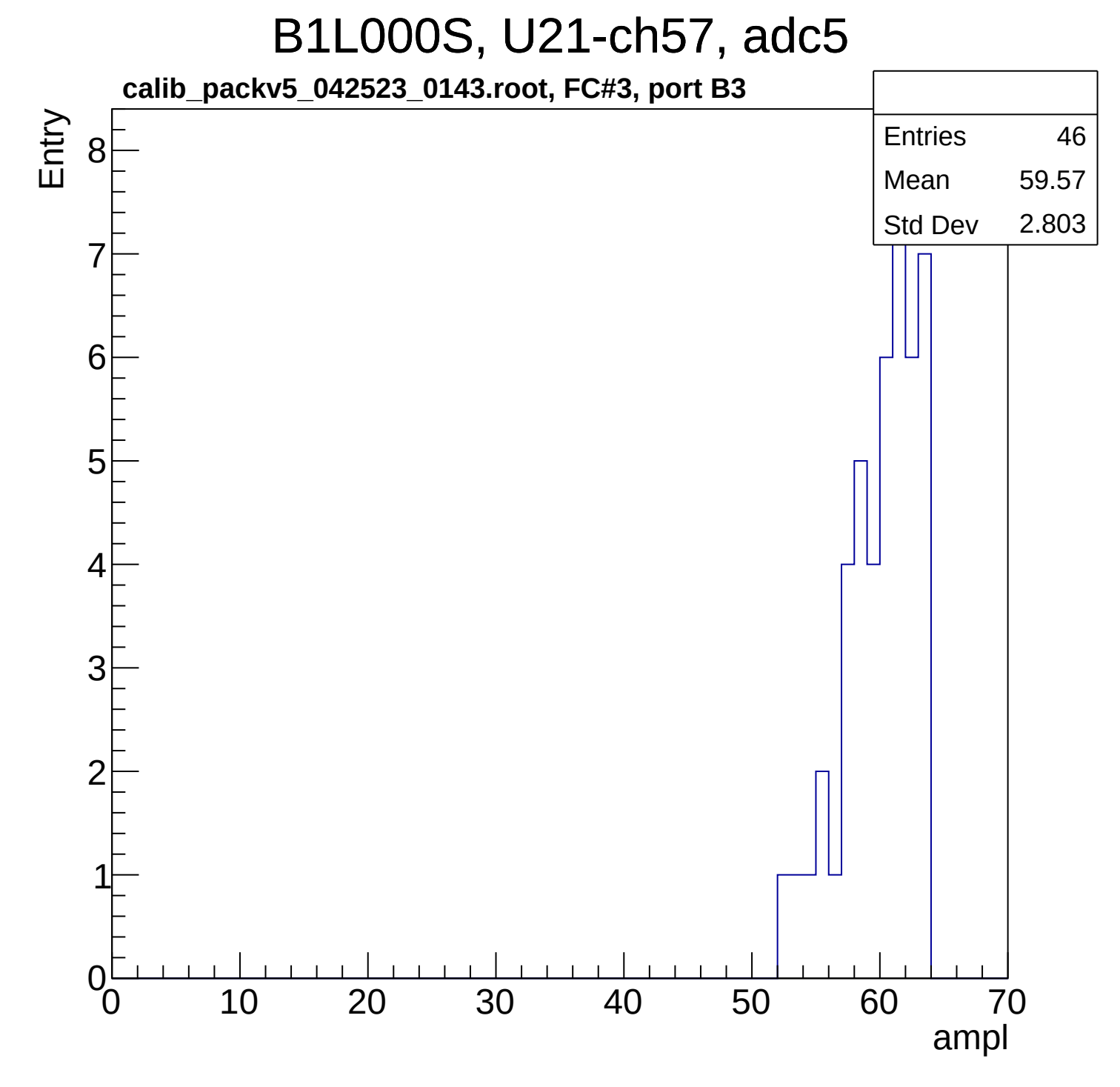

B1L000S, U21-ch57, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 28.45
Std Dev 2.618
Gaus mean : 29.0559
Gaus Width: 2.9584
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

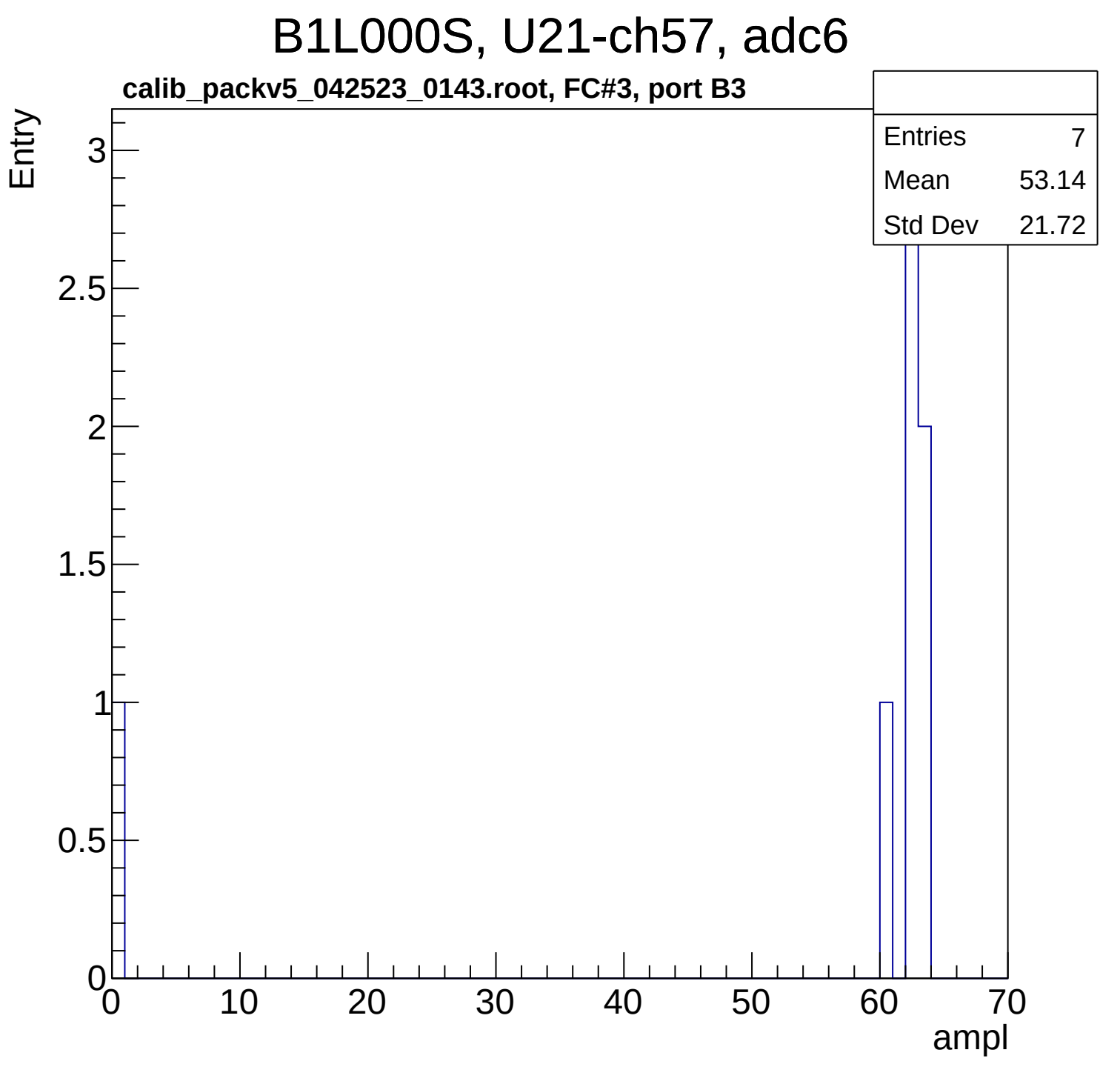

B1L000S, U21-ch57, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 80
Mean 35.23
Std Dev 3.343
Gaus mean : 35.4811
Gaus Width: 3.4794
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

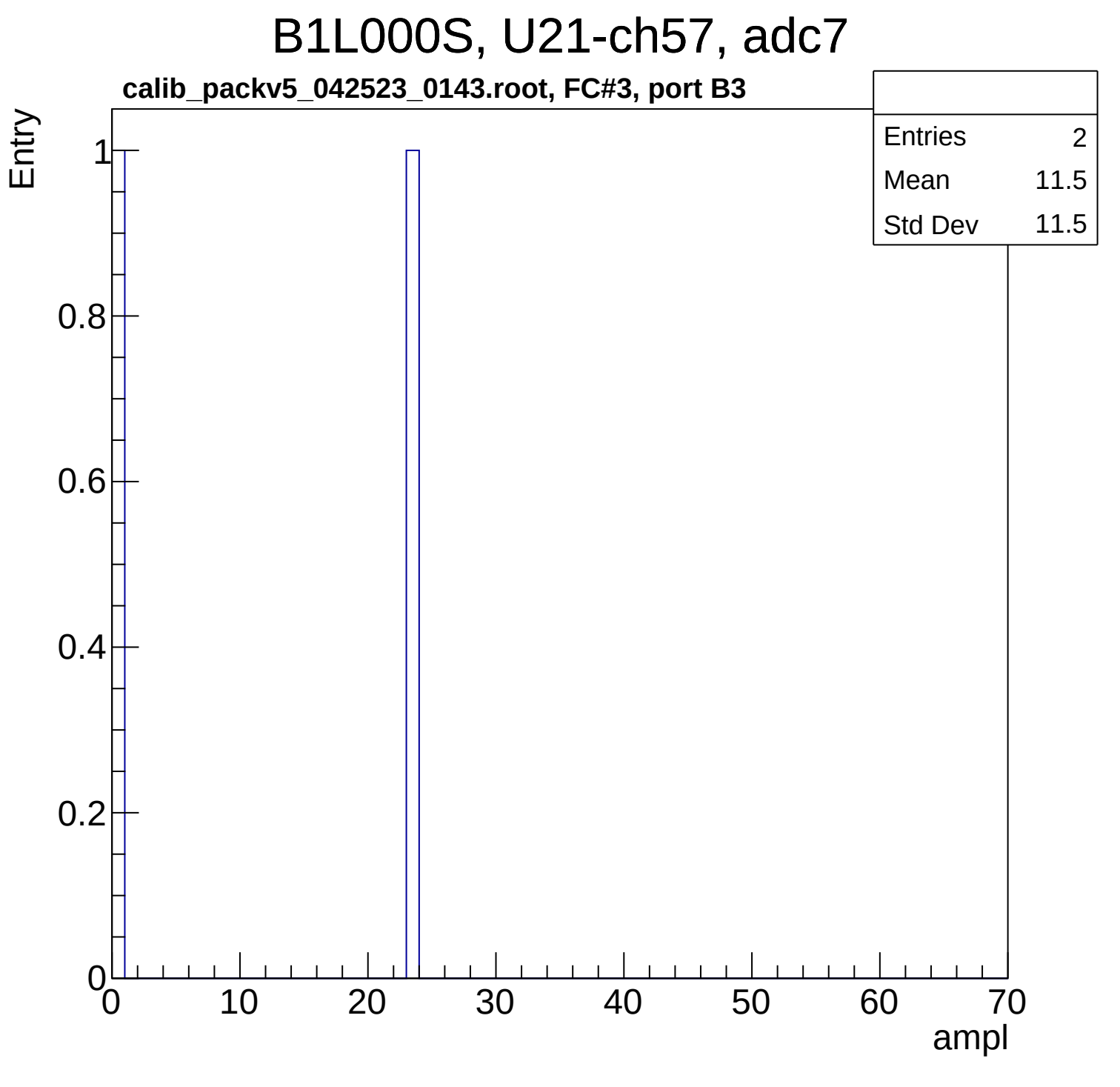

B1L000S, U21-ch57, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 42.57
Std Dev 3.014
Gaus mean : 43.2501
Gaus Width: 3.3497
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

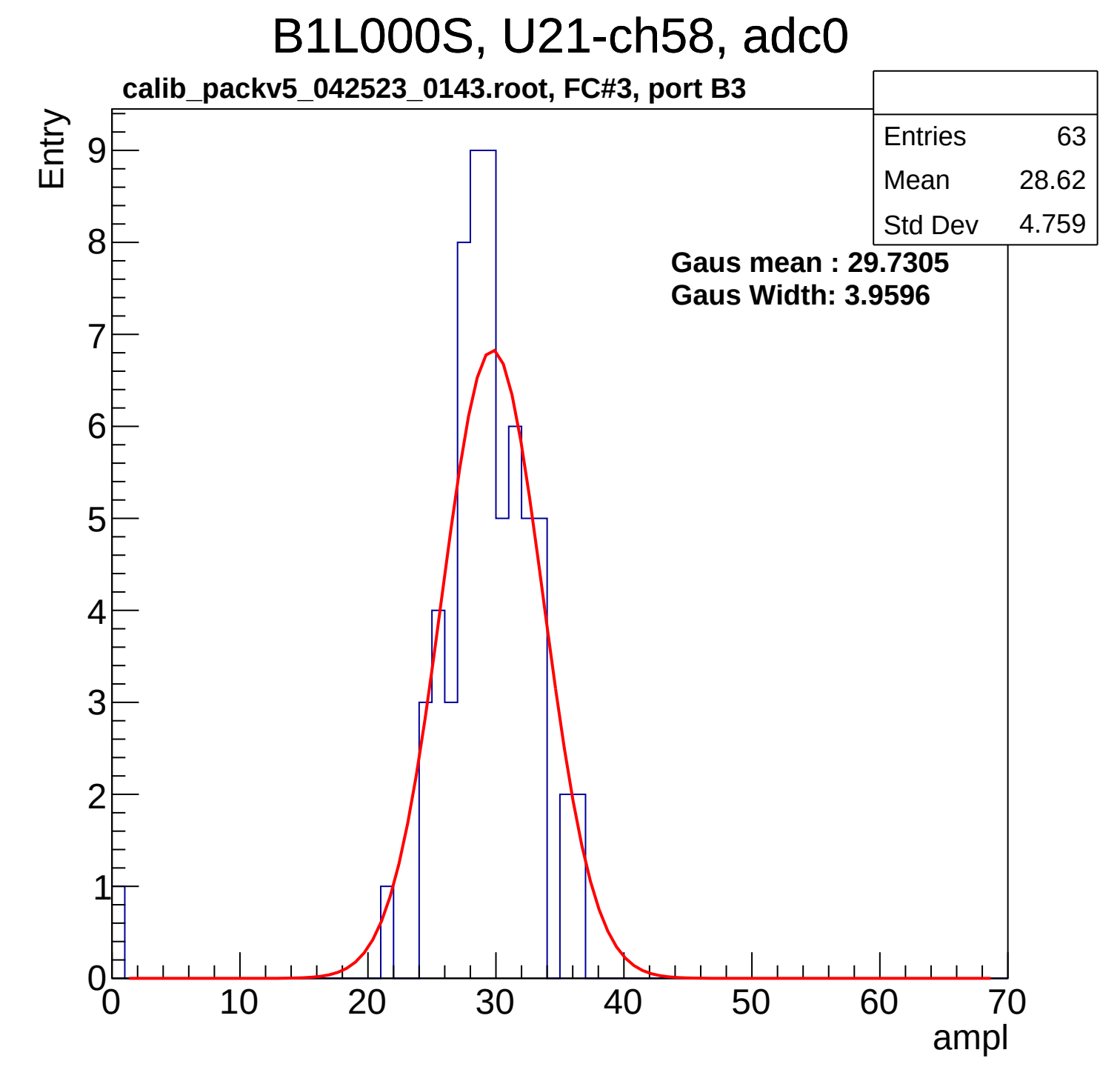

B1L000S, U21-ch57, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 48.93
Std Dev 2.709
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

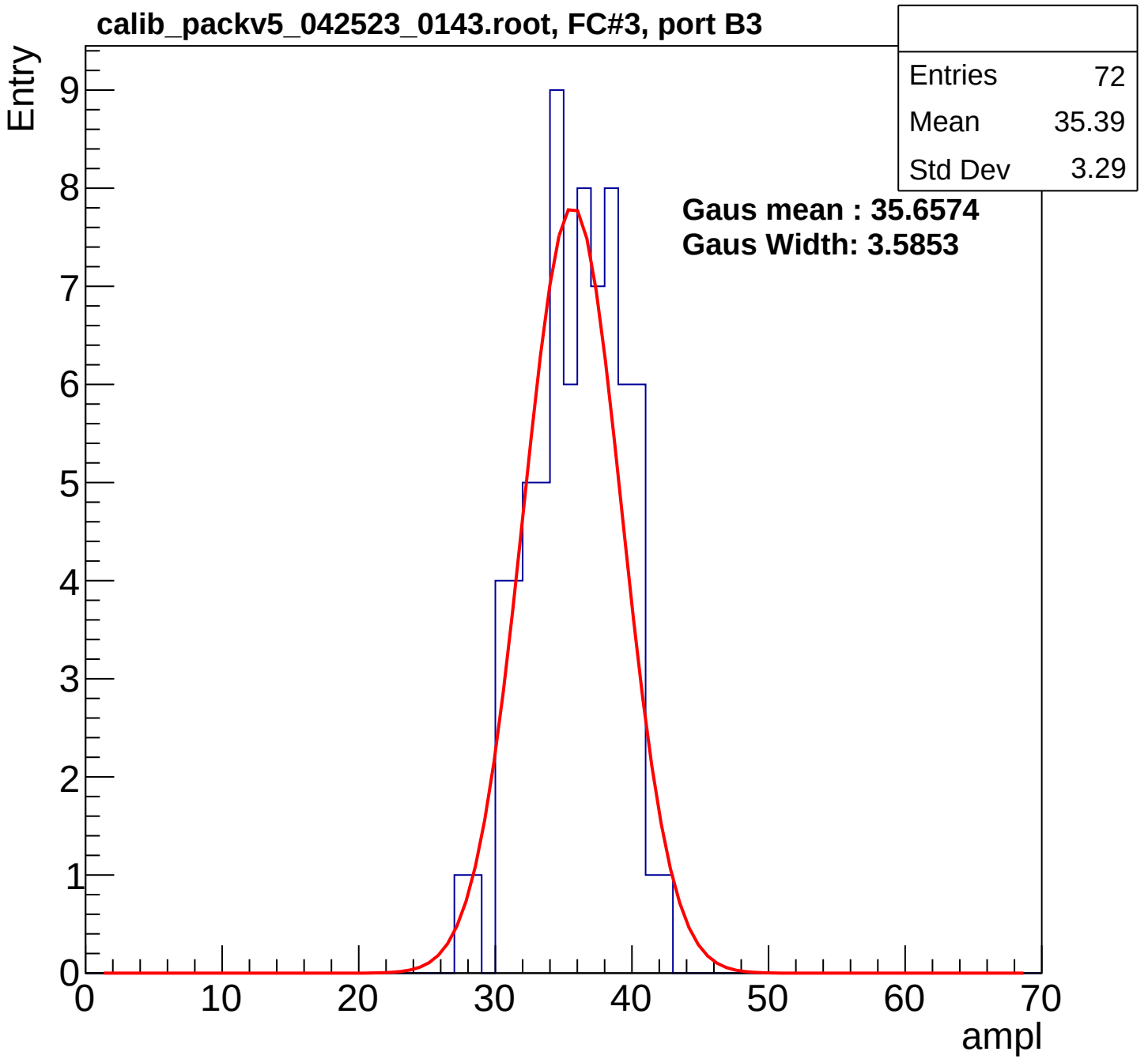

B1L000S, U21-ch57, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 55.36
Std Dev 3.304
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

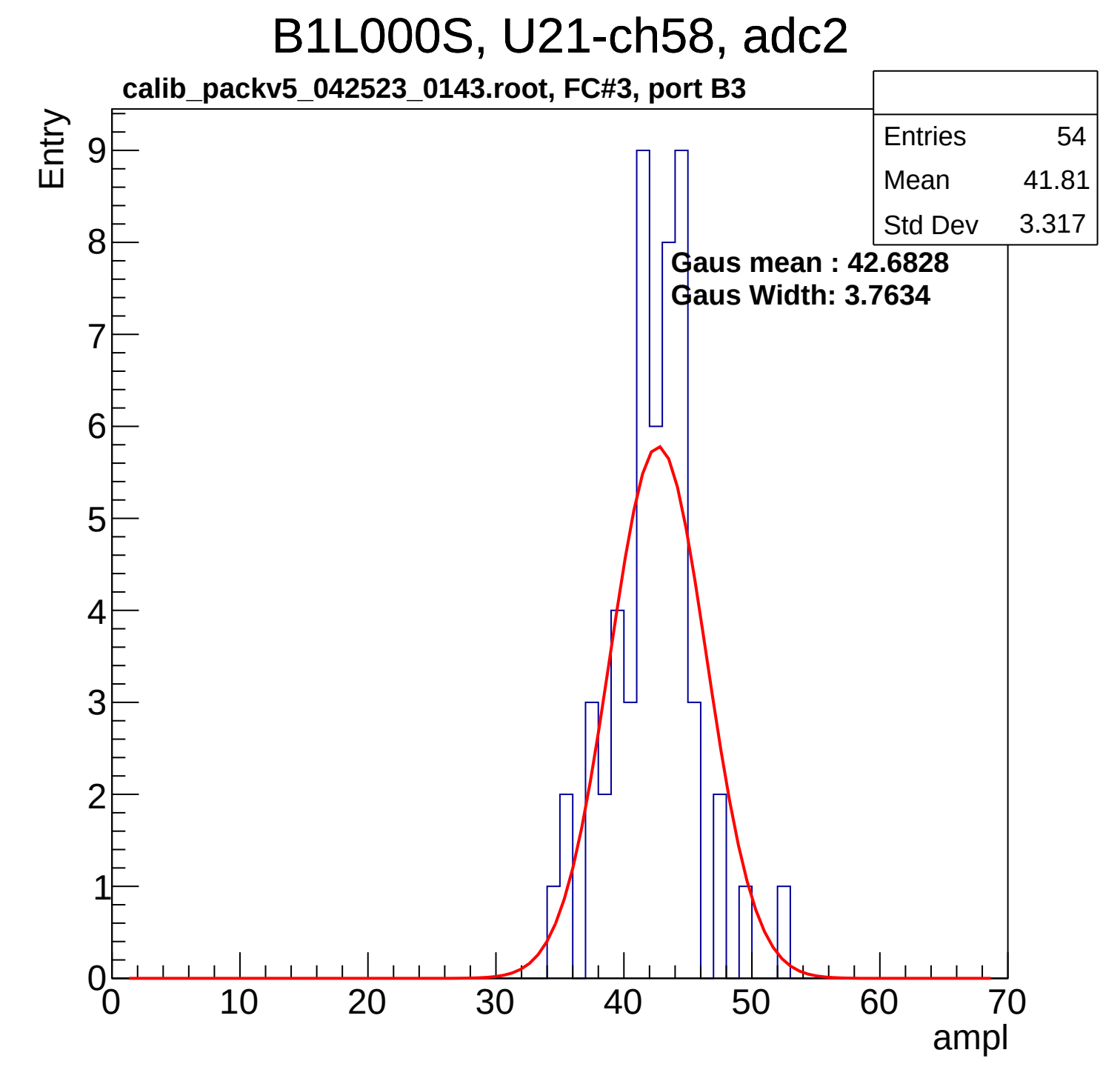

B1L000S, U21-ch57, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 59.57
Std Dev 2.803
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

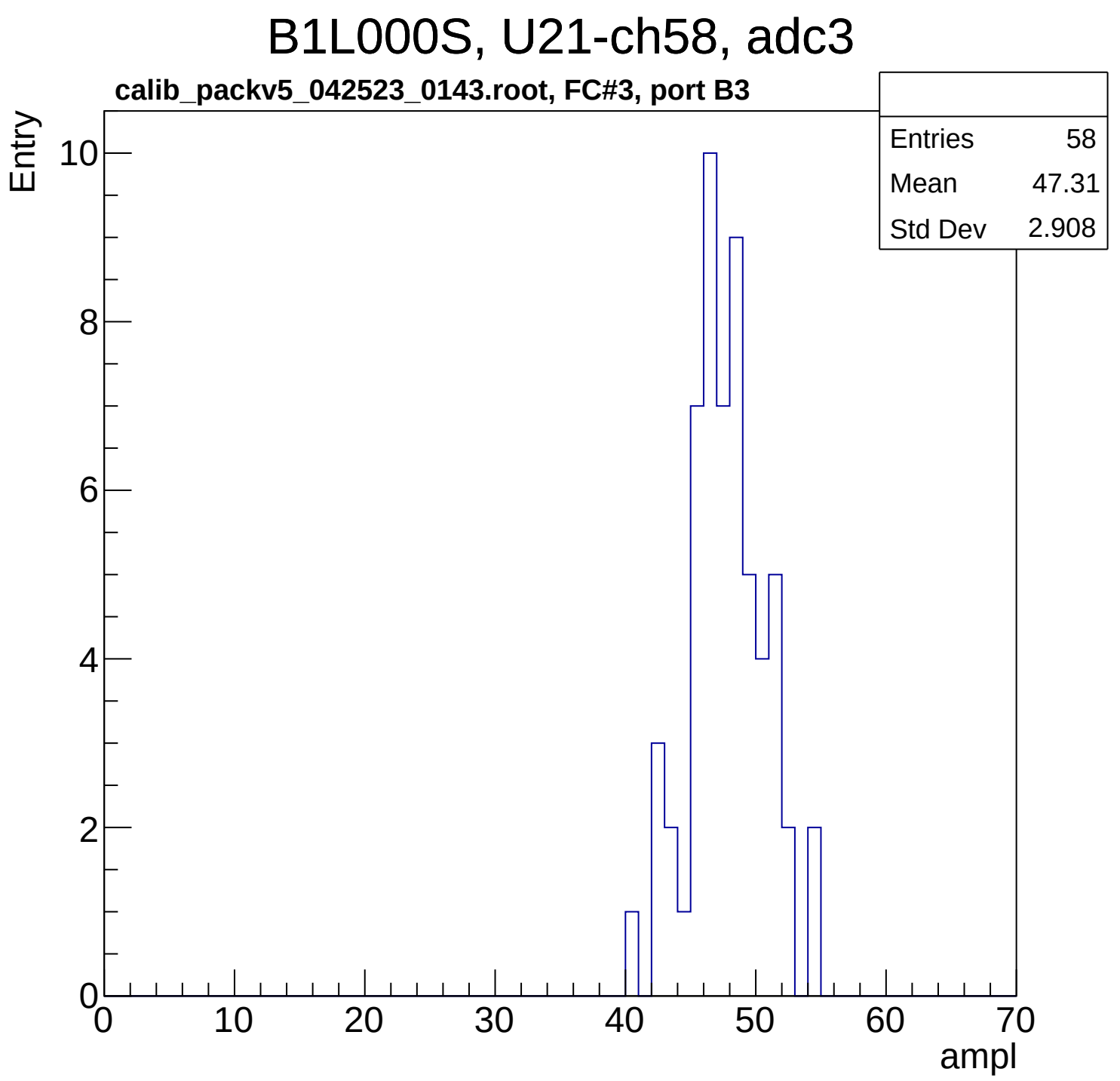

B1L000S, U21-ch57, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 7
Mean 53.14
Std Dev 21.72
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

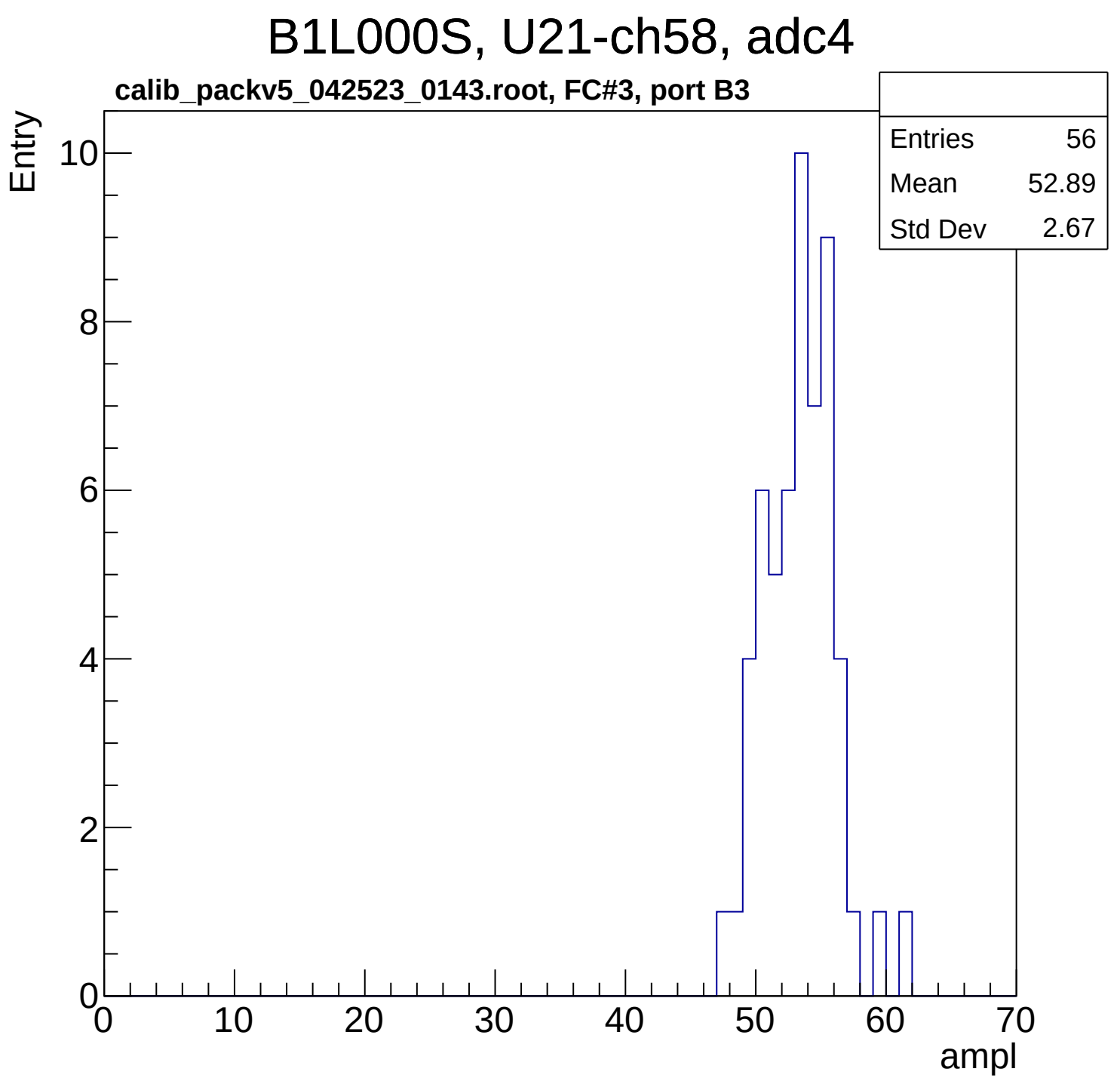

B1L000S, U21-ch57, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 11.5
Std Dev 11.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

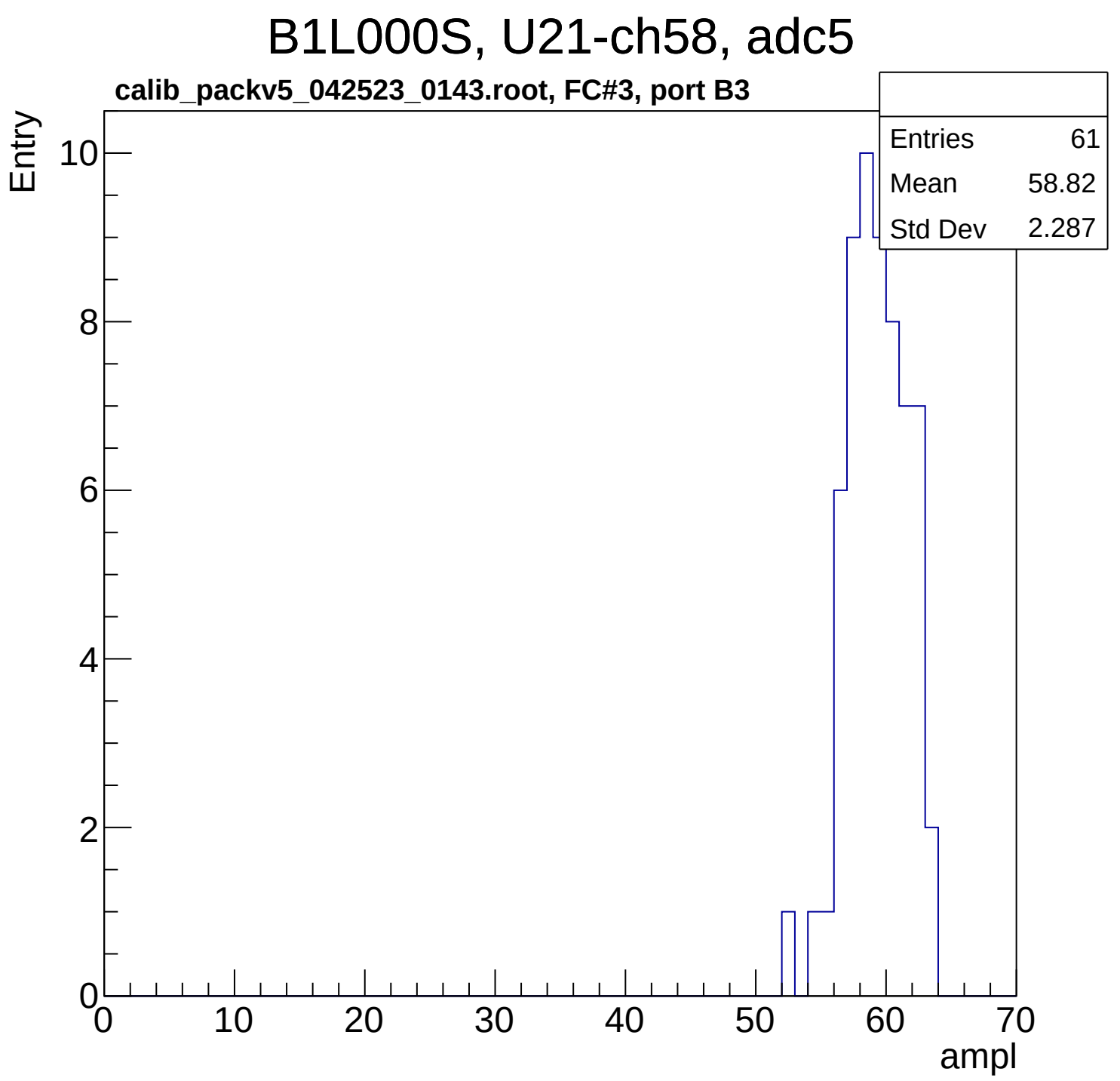

B1L000S, U21-ch58, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 28.62
Std Dev 4.759
Gaus mean : 29.7305
Gaus Width: 3.9596
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

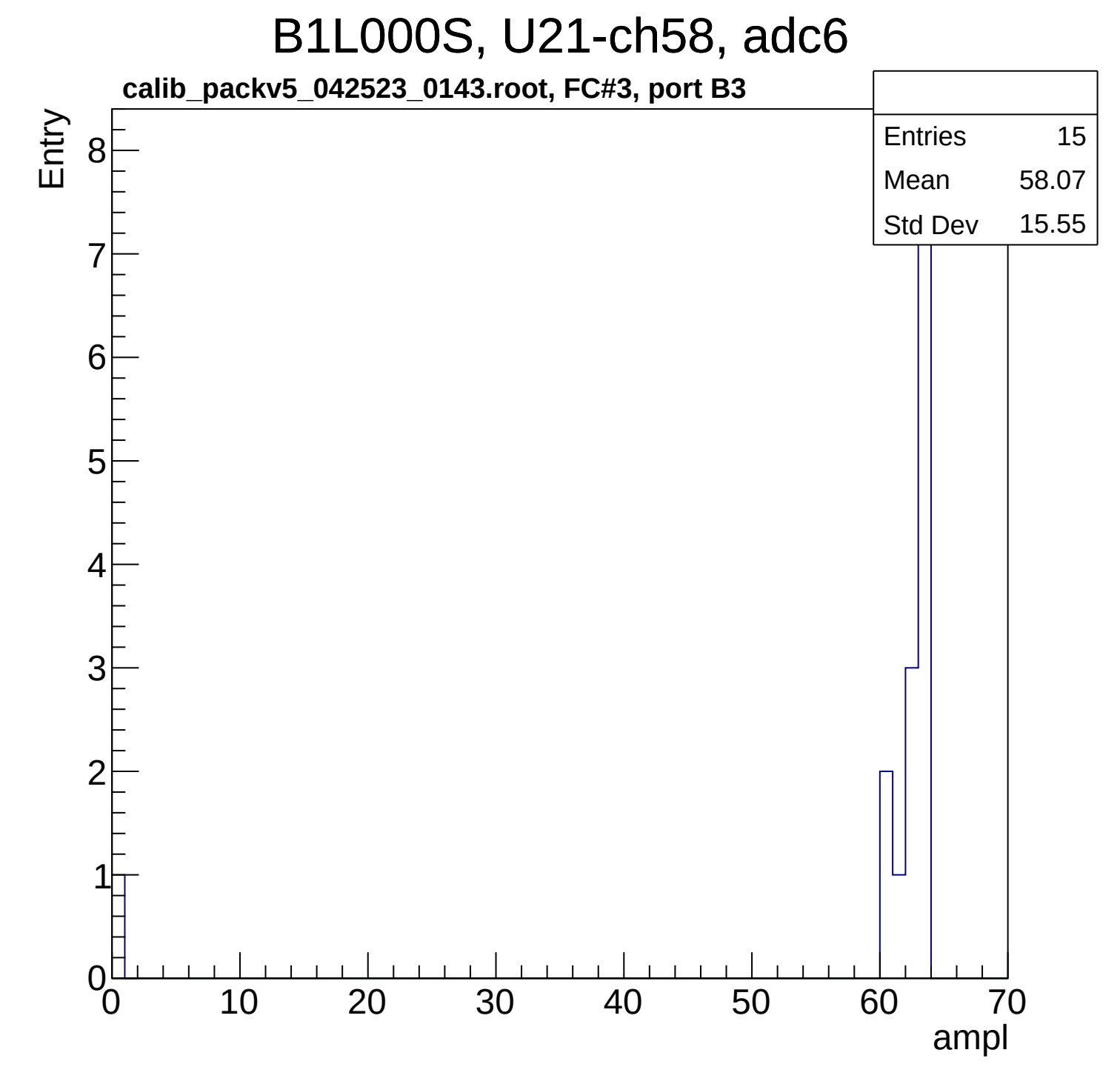

B1L000S, U21-ch58, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 35.39
Std Dev 3.29
Gaus mean : 35.6574
Gaus Width: 3.5853
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

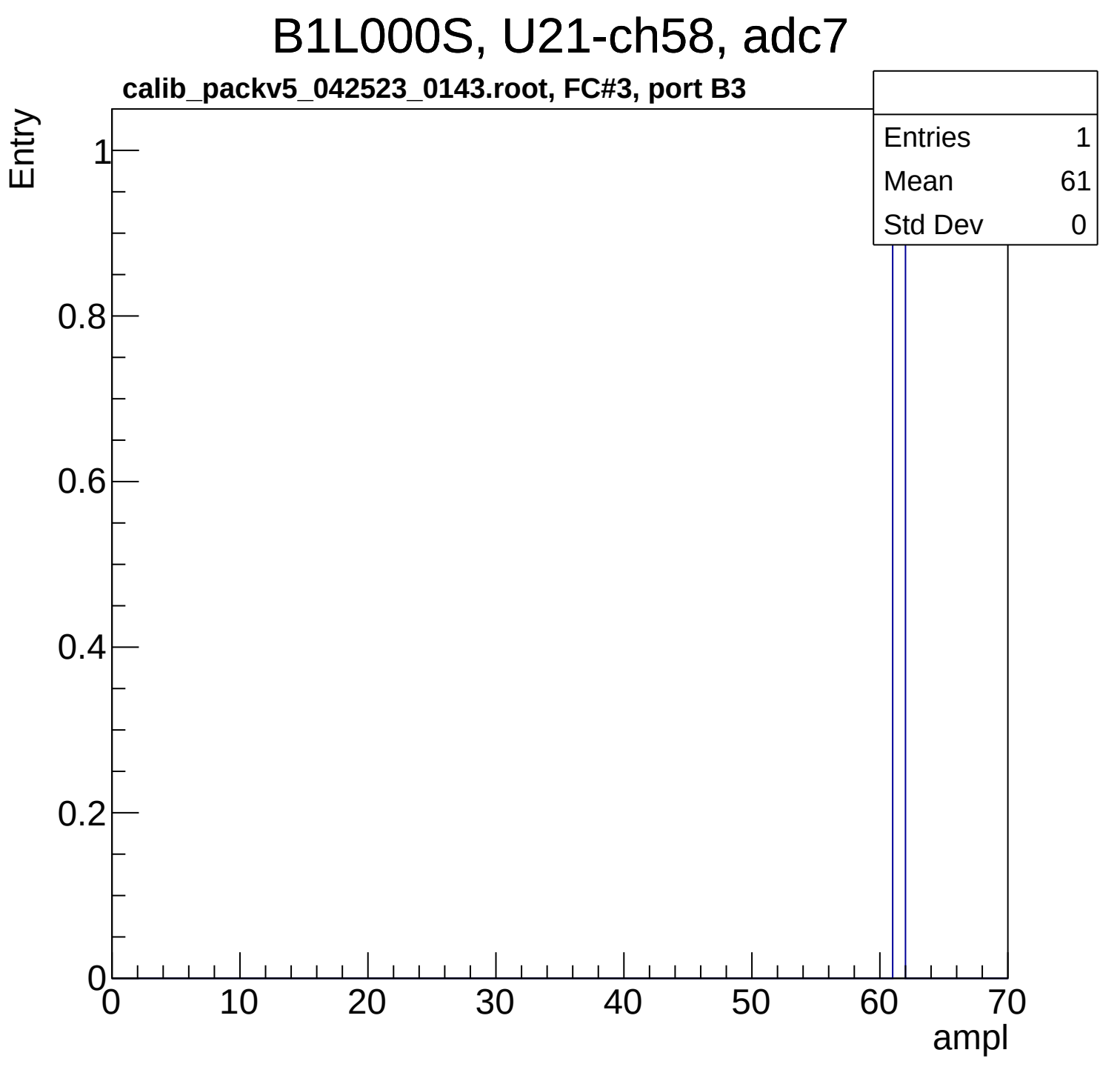

B1L000S, U21-ch58, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 41.81
Std Dev 3.317
Gaus mean : 42.6828
Gaus Width: 3.7634
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

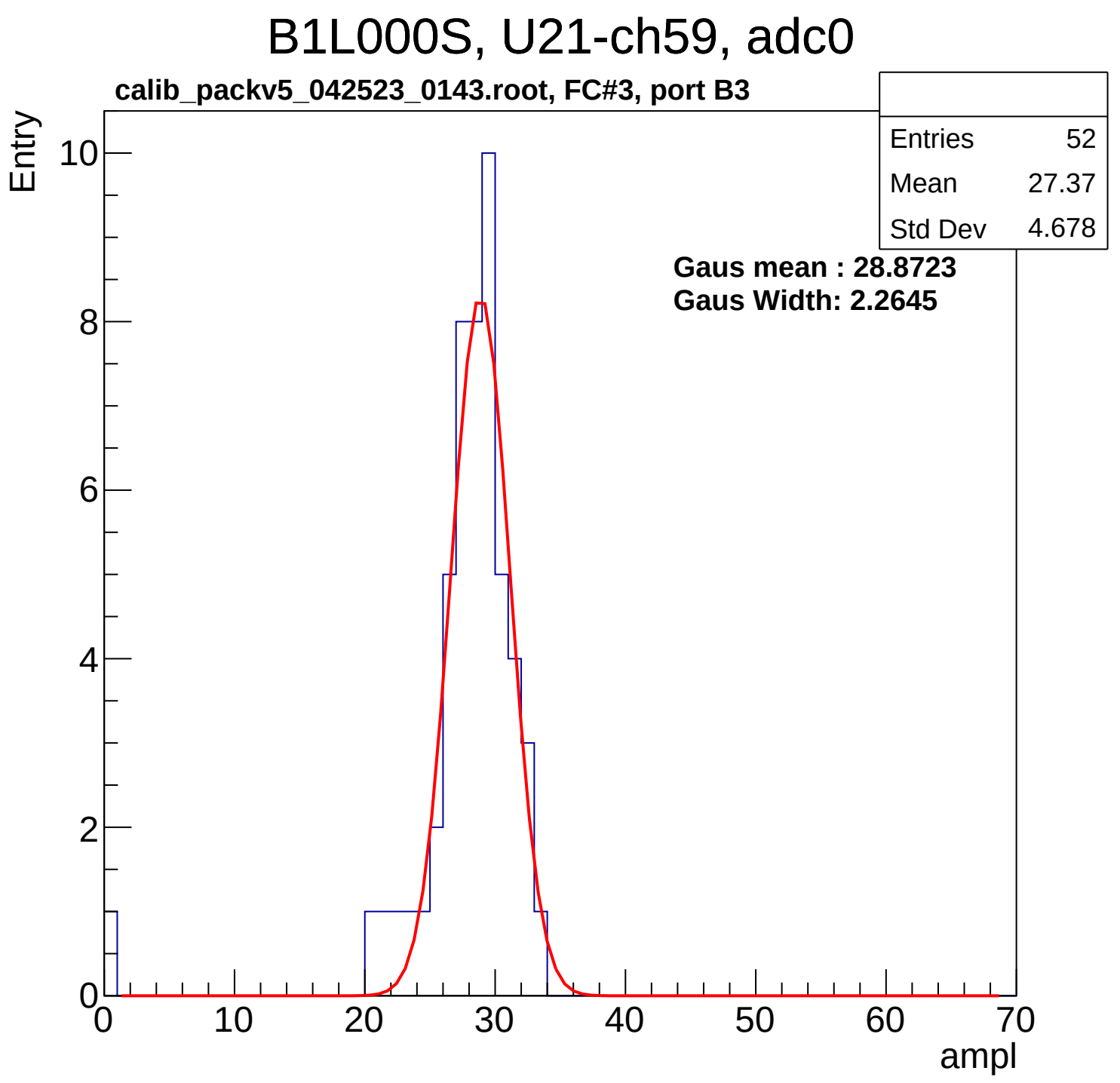

B1L000S, U21-ch58, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 47.31
Std Dev 2.908
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

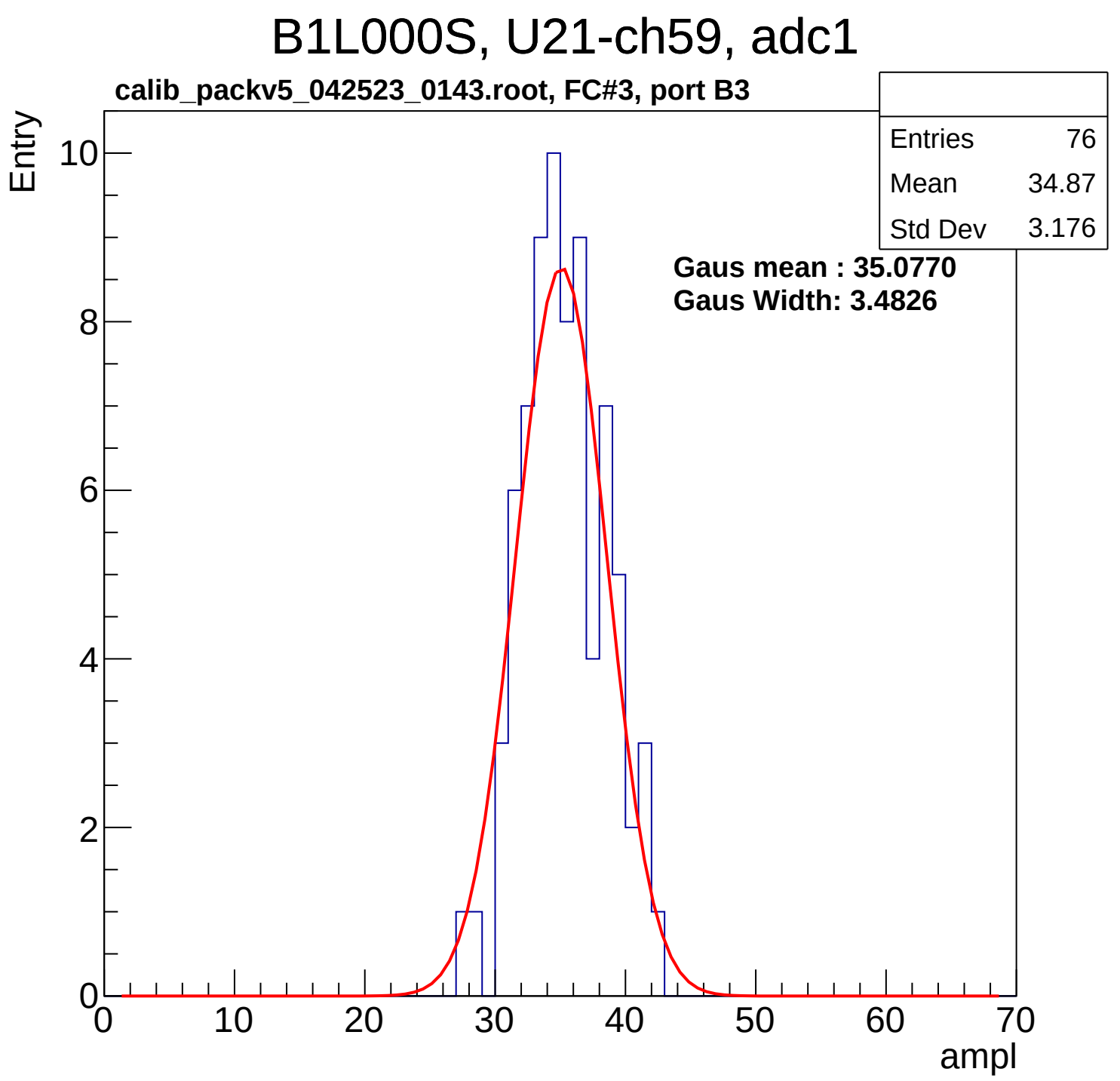

B1L000S, U21-ch58, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 52.89
Std Dev 2.67
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

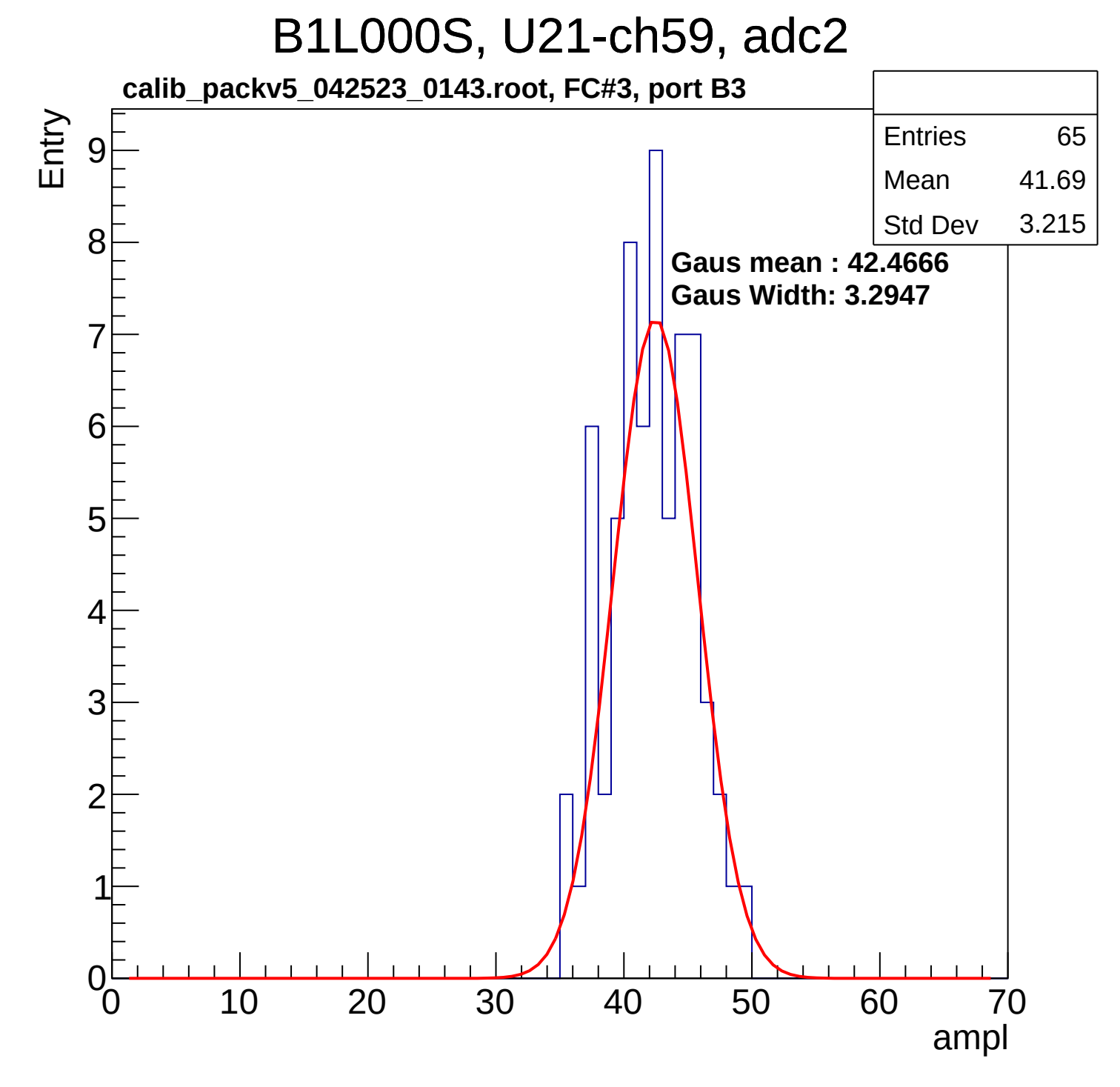

B1L000S, U21-ch58, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 58.82
Std Dev 2.287
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

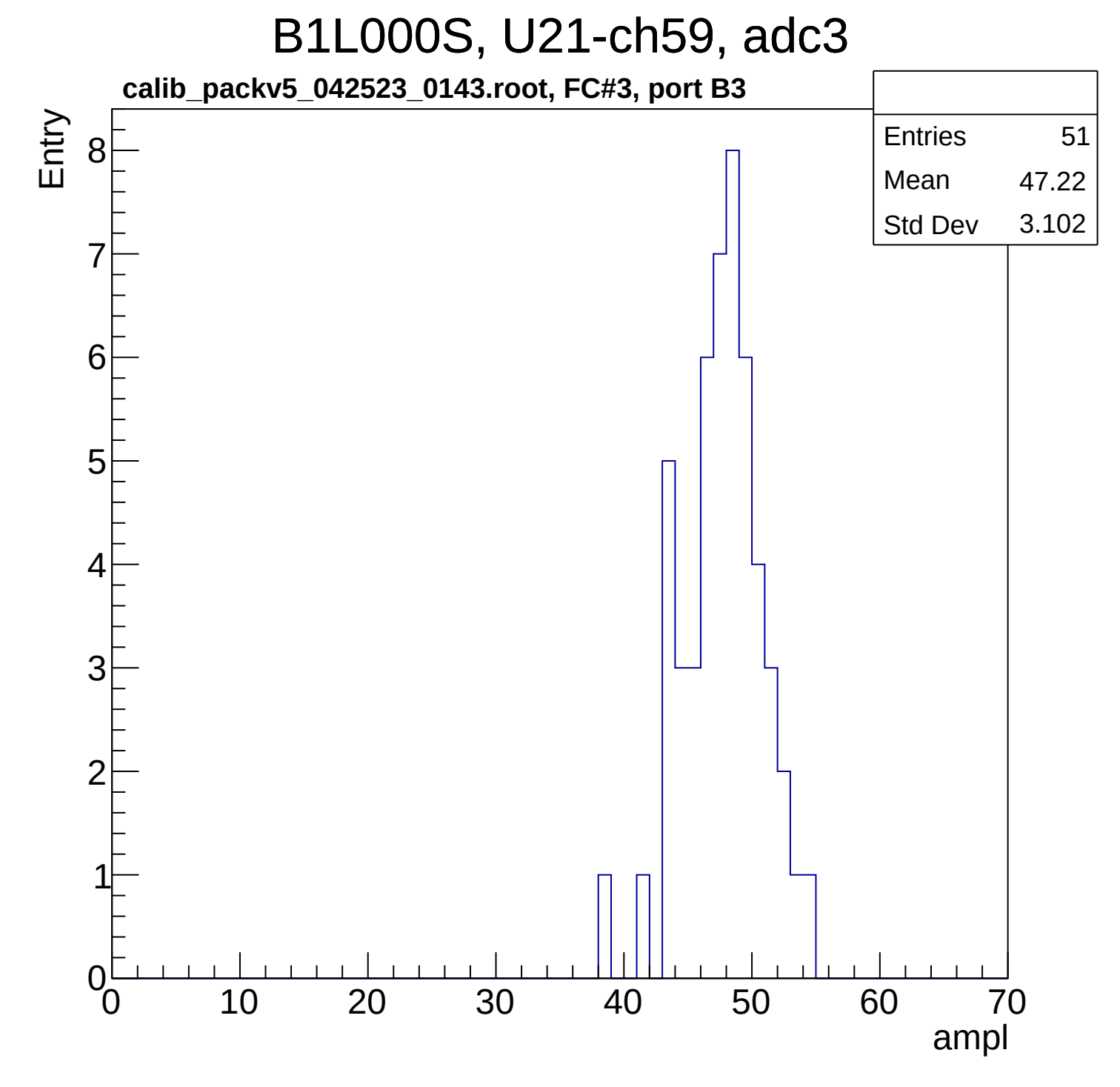

B1L000S, U21-ch58, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 58.07
Std Dev 15.55
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

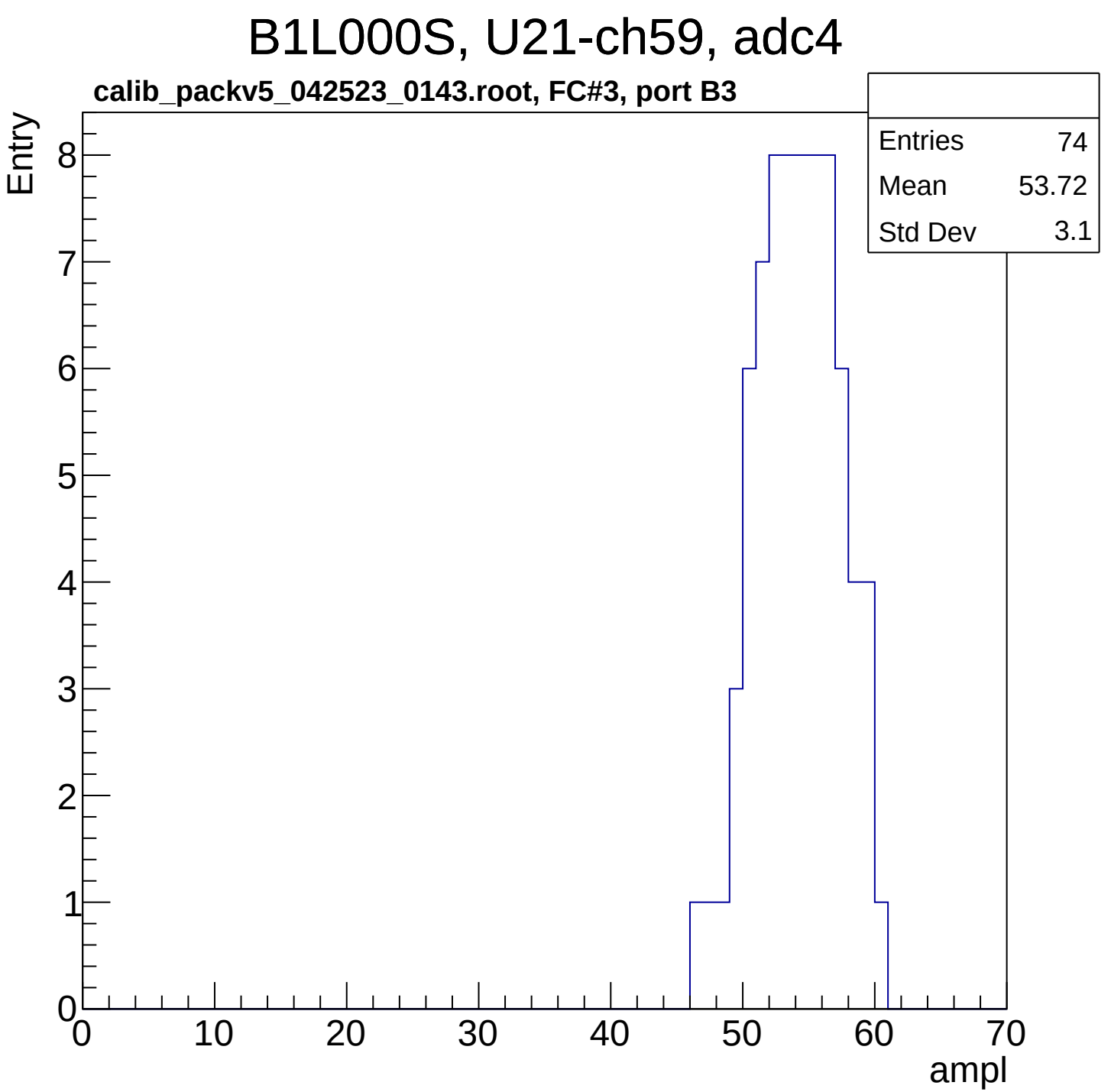

B1L000S, U21-ch58, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 61
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

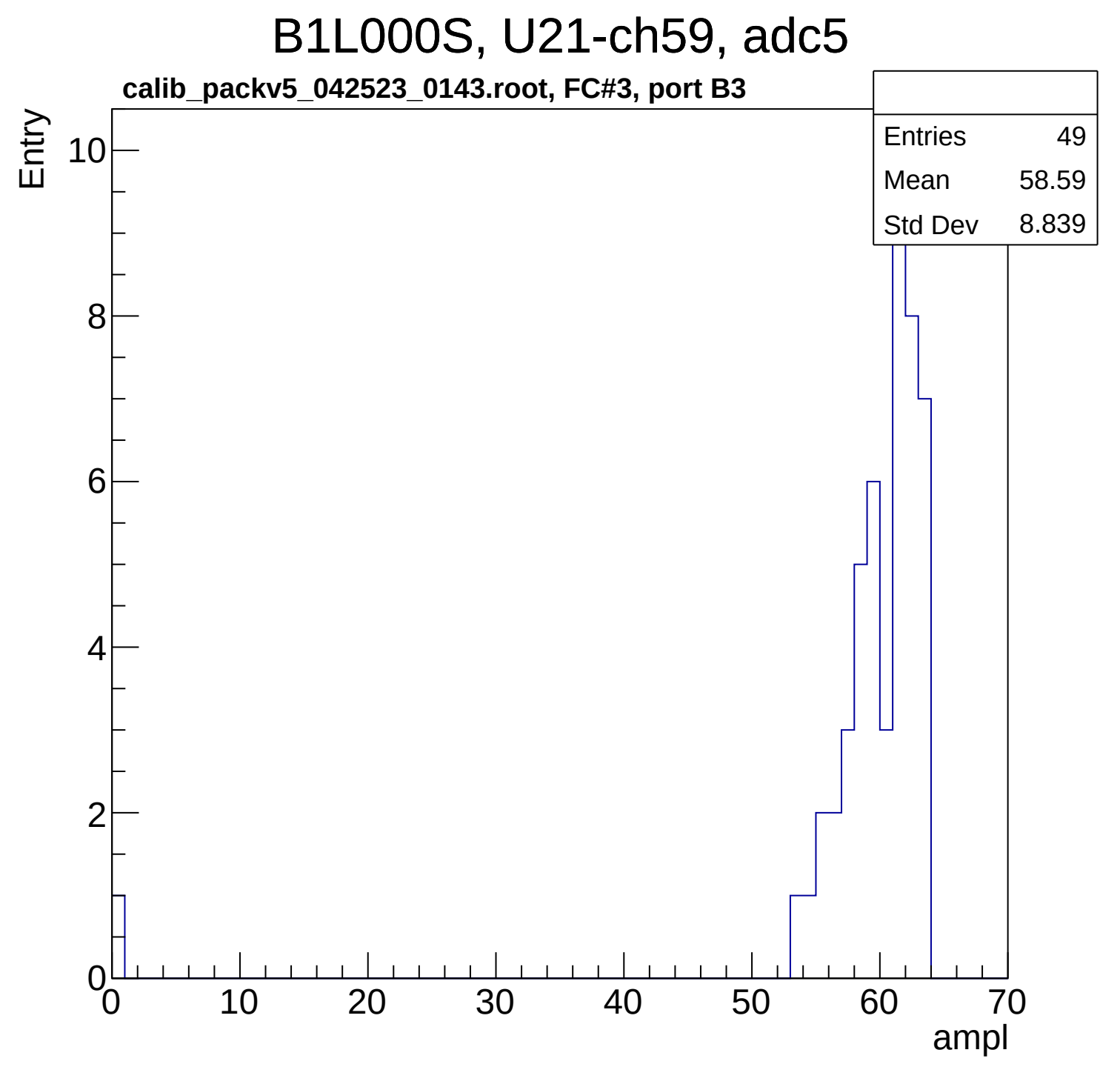

B1L000S, U21-ch59, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 27.37
Std Dev 4.678
Gaus mean : 28.8723
Gaus Width: 2.2645
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

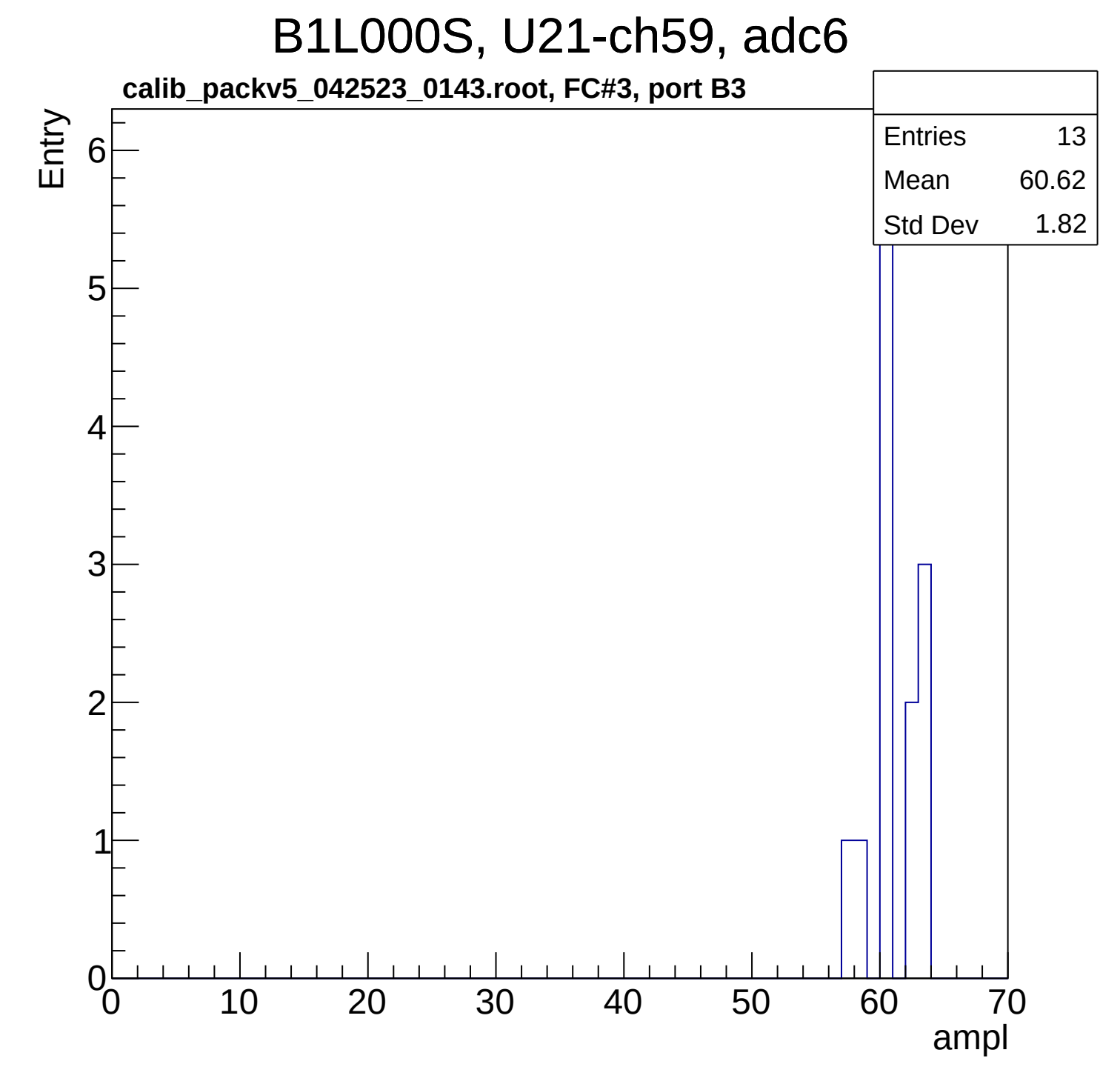

B1L000S, U21-ch59, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 34.87
Std Dev 3.176
Gaus mean : 35.0770
Gaus Width: 3.4826
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

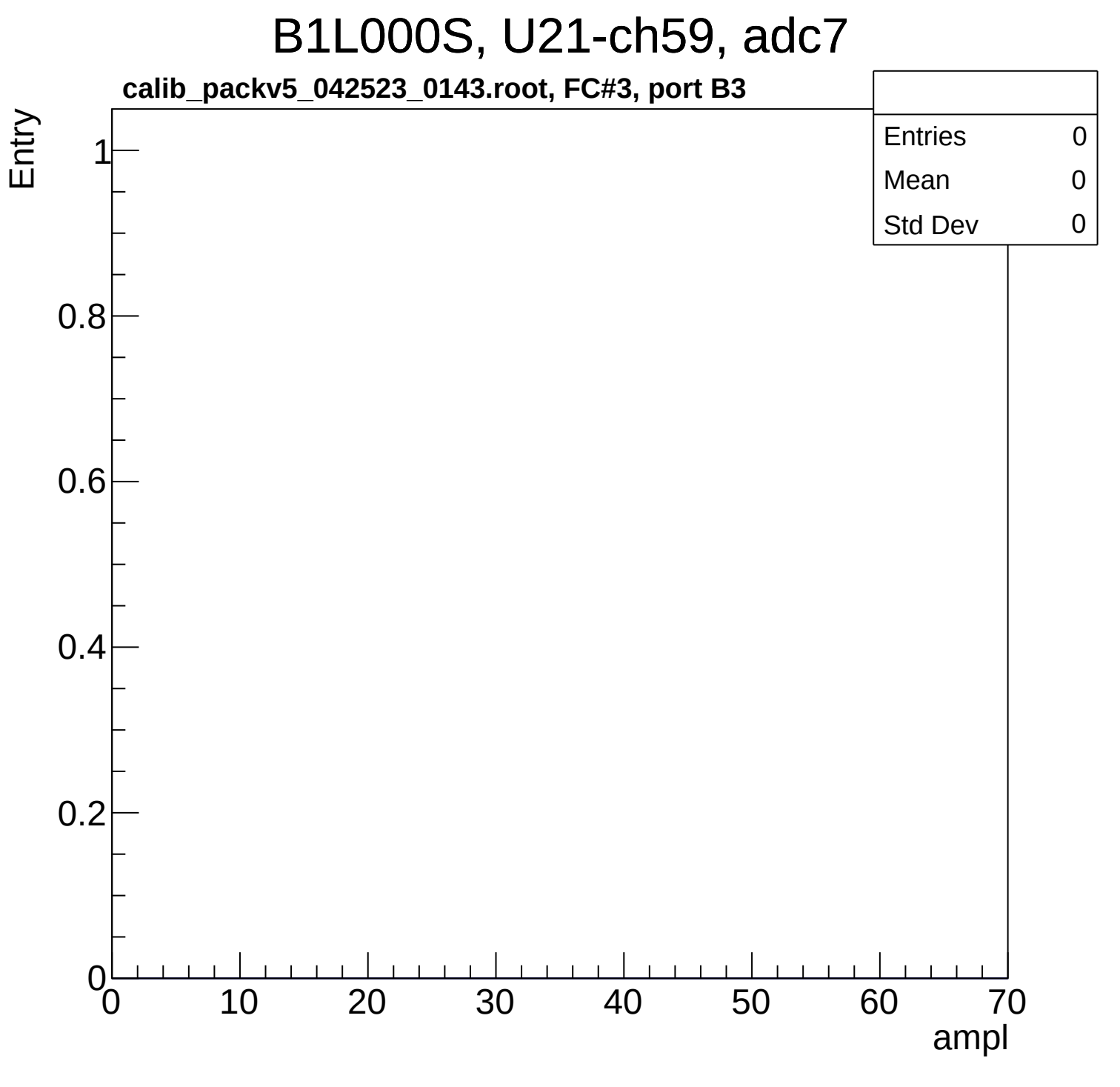

B1L000S, U21-ch59, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 41.69
Std Dev 3.215
Gaus mean : 42.4666
Gaus Width: 3.2947
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

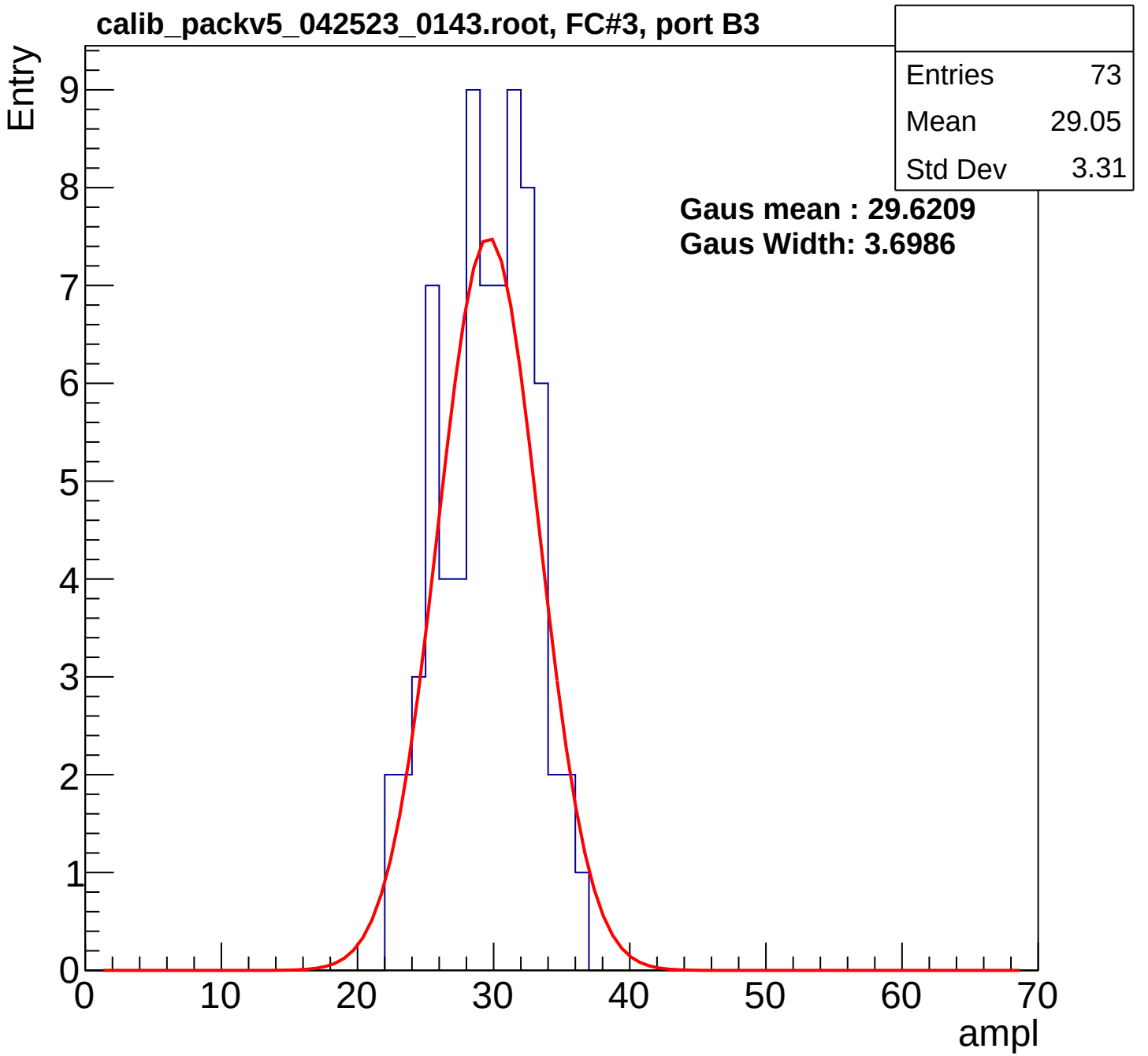

B1L000S, U21-ch59, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 47.22
Std Dev 3.102
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

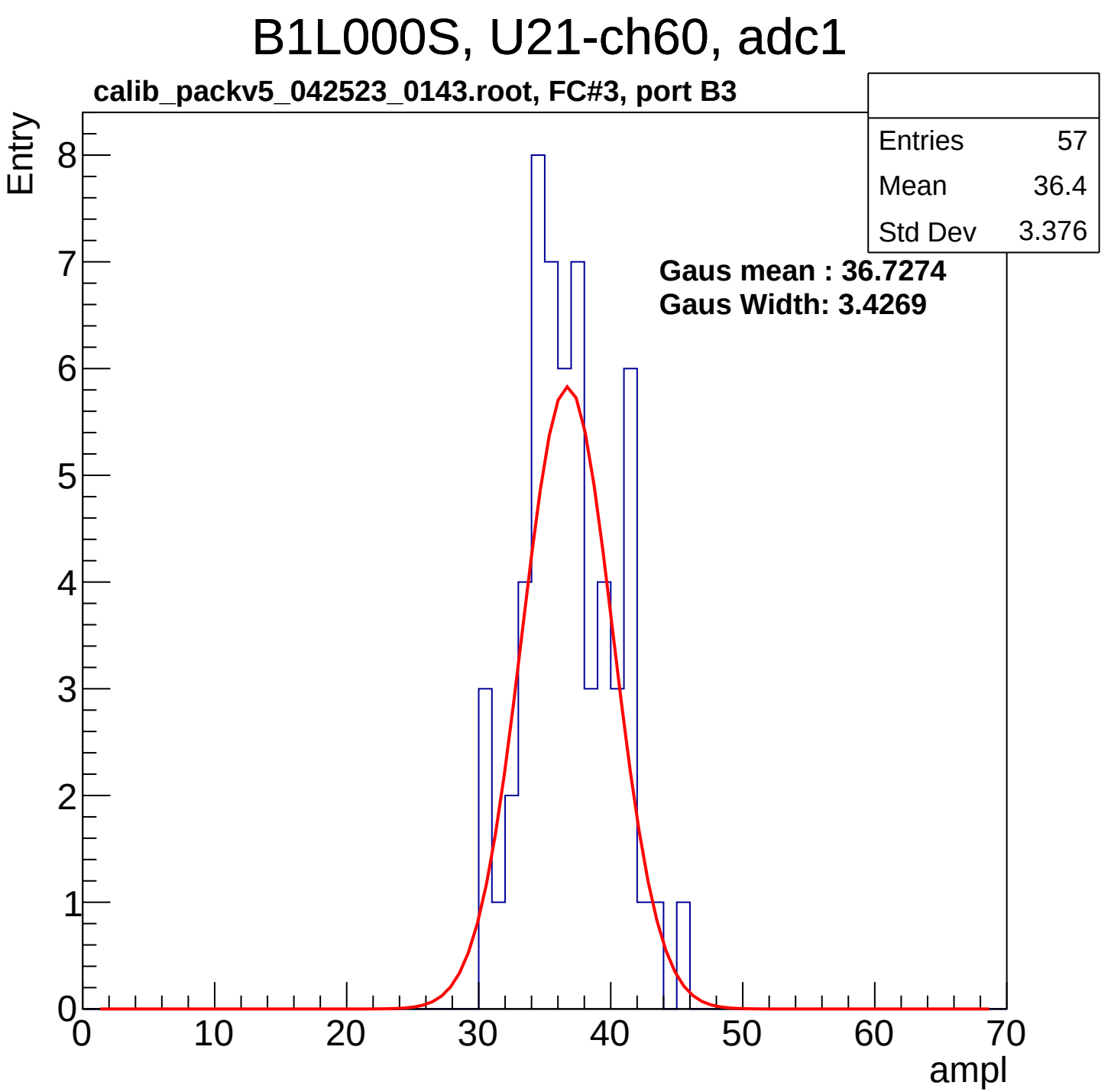

B1L000S, U21-ch59, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 53.72
Std Dev 3.1
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

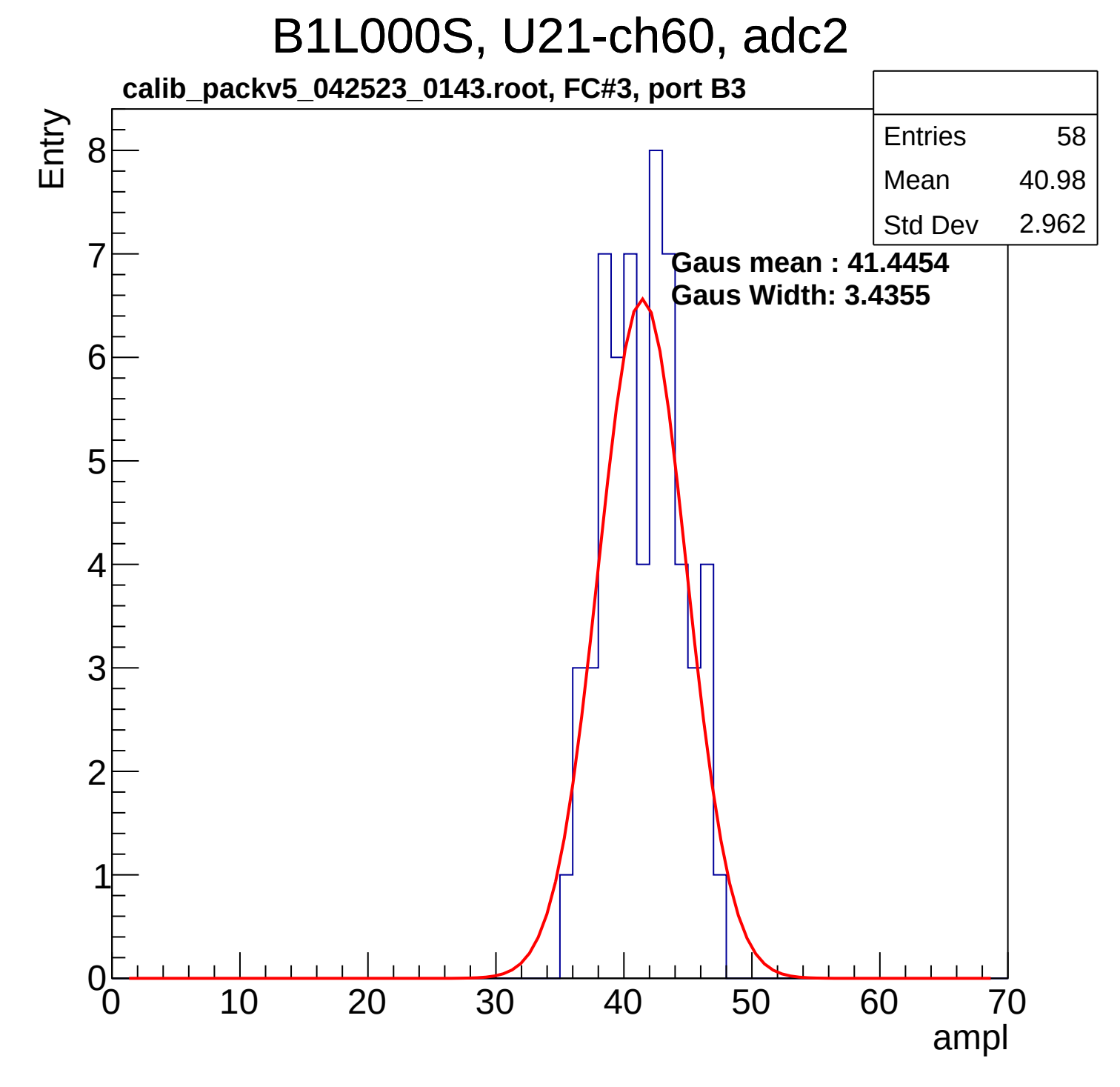

B1L000S, U21-ch59, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 58.59
Std Dev 8.839
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

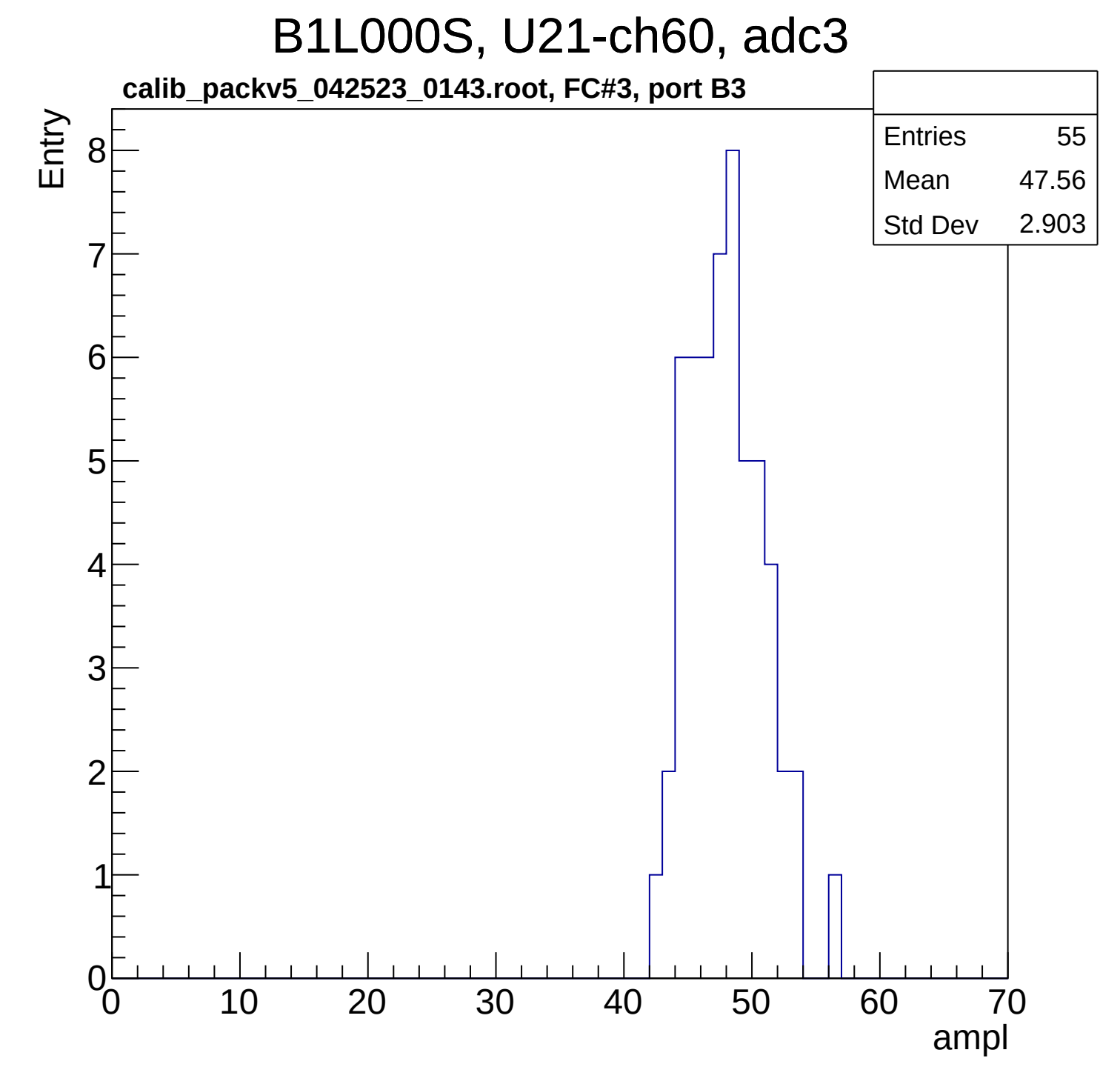

B1L000S, U21-ch59, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 60.62
Std Dev 1.82
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

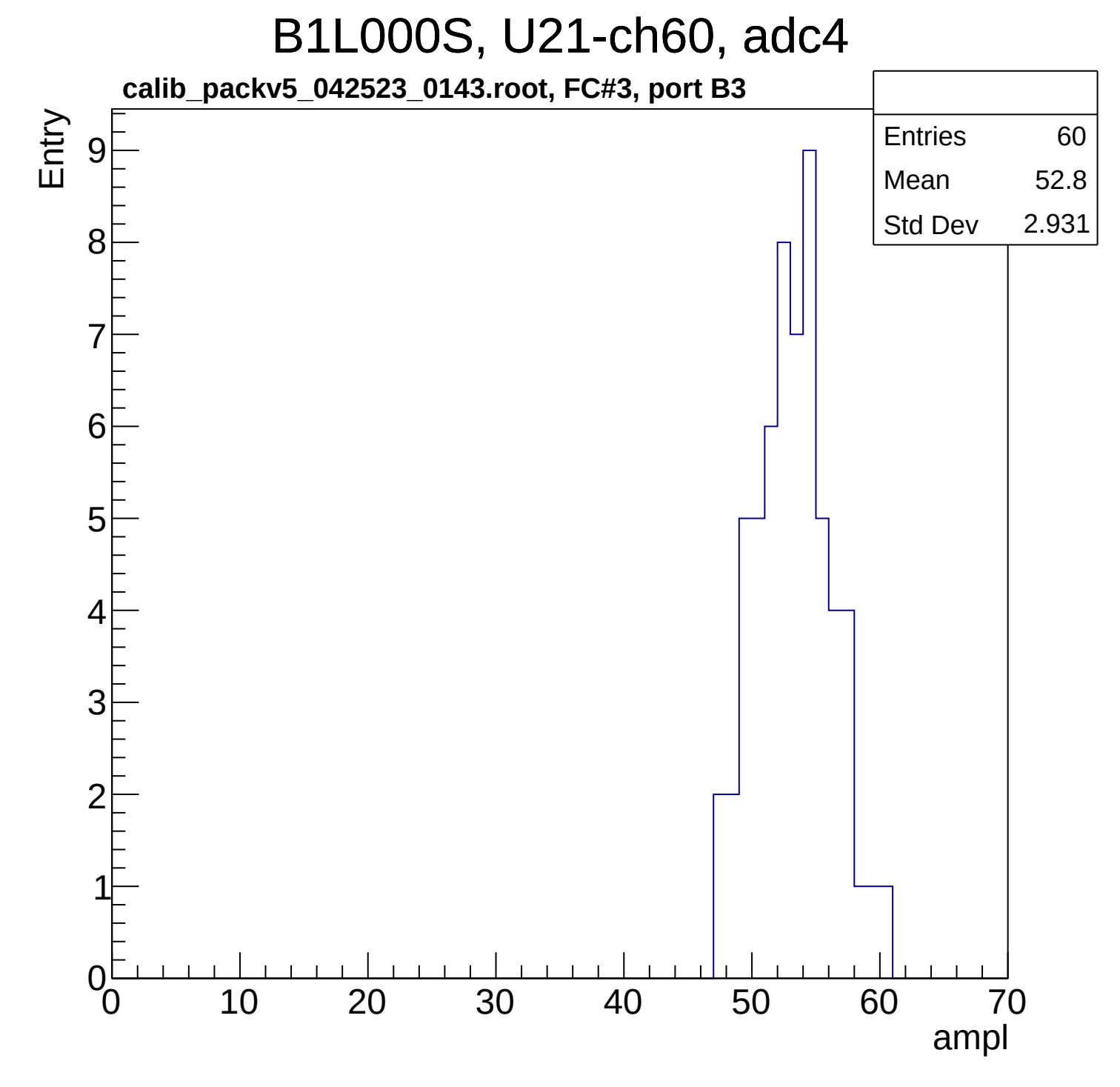

B1L000S, U21-ch59, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

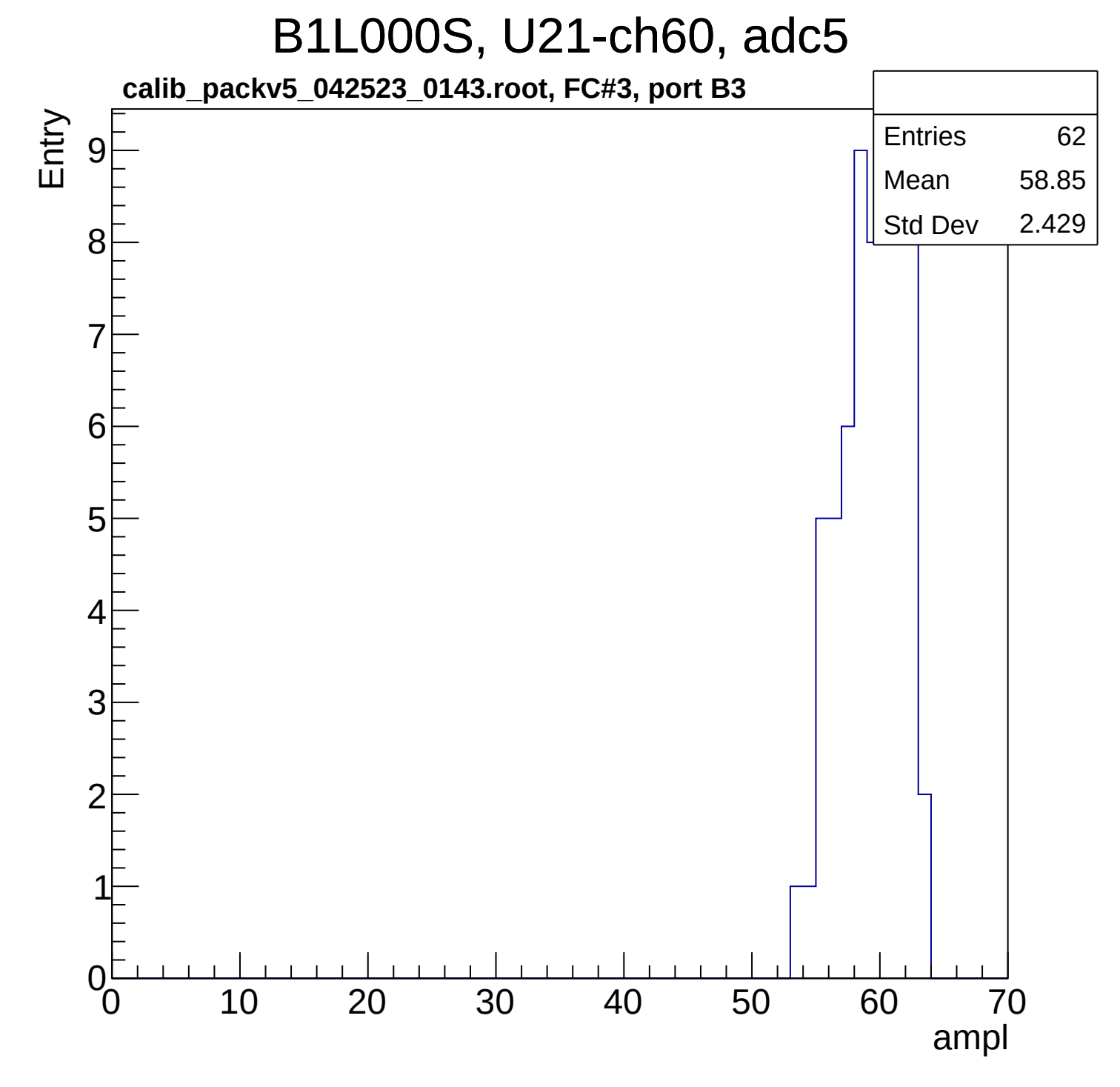

B1L000S, U21-ch60, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 29.05
Std Dev 3.31
Gaus mean : 29.6209
Gaus Width: 3.6986
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

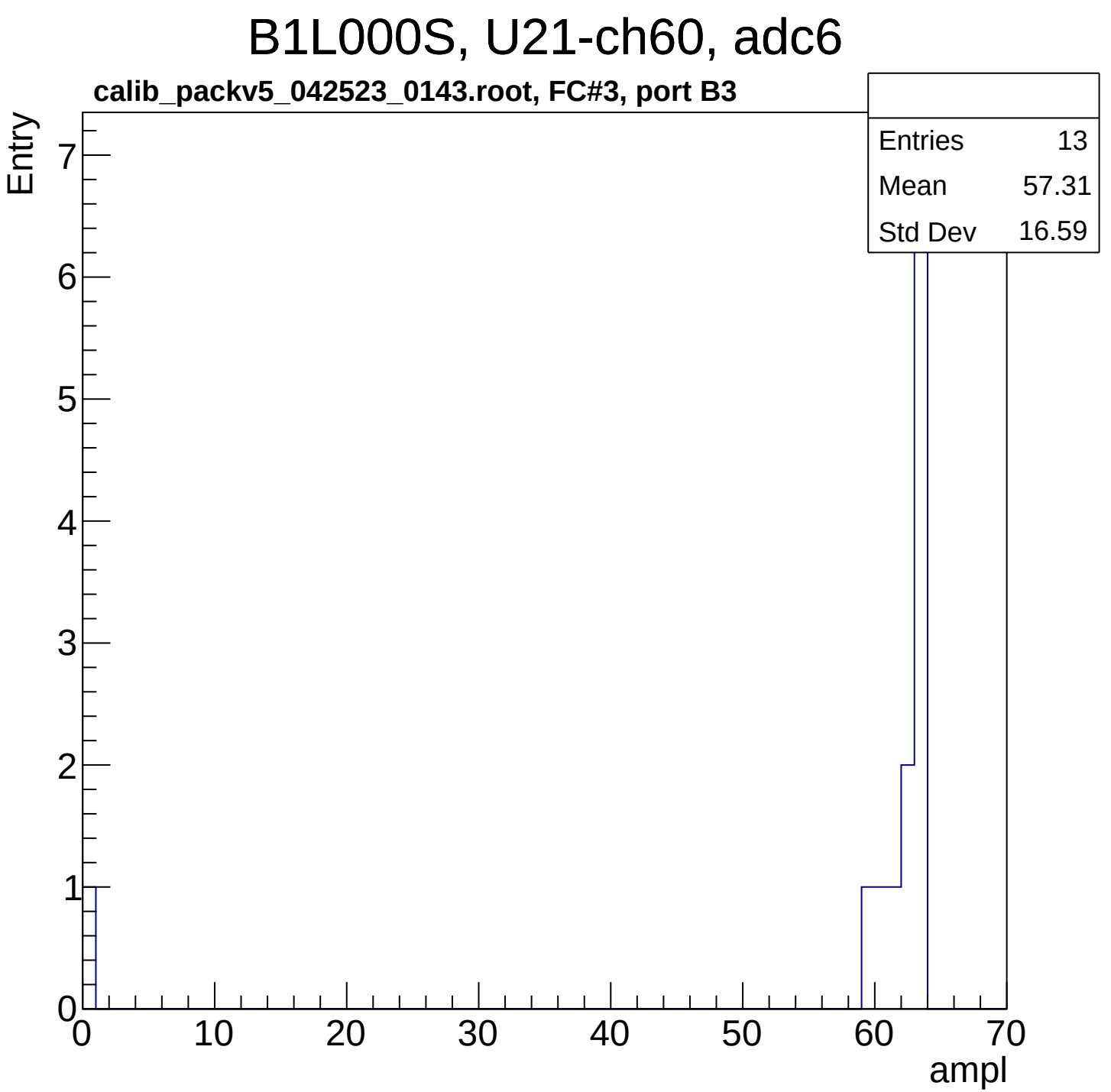

B1L000S, U21-ch60, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 36.4
Std Dev 3.376
Gaus mean : 36.7274
Gaus Width: 3.4269
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

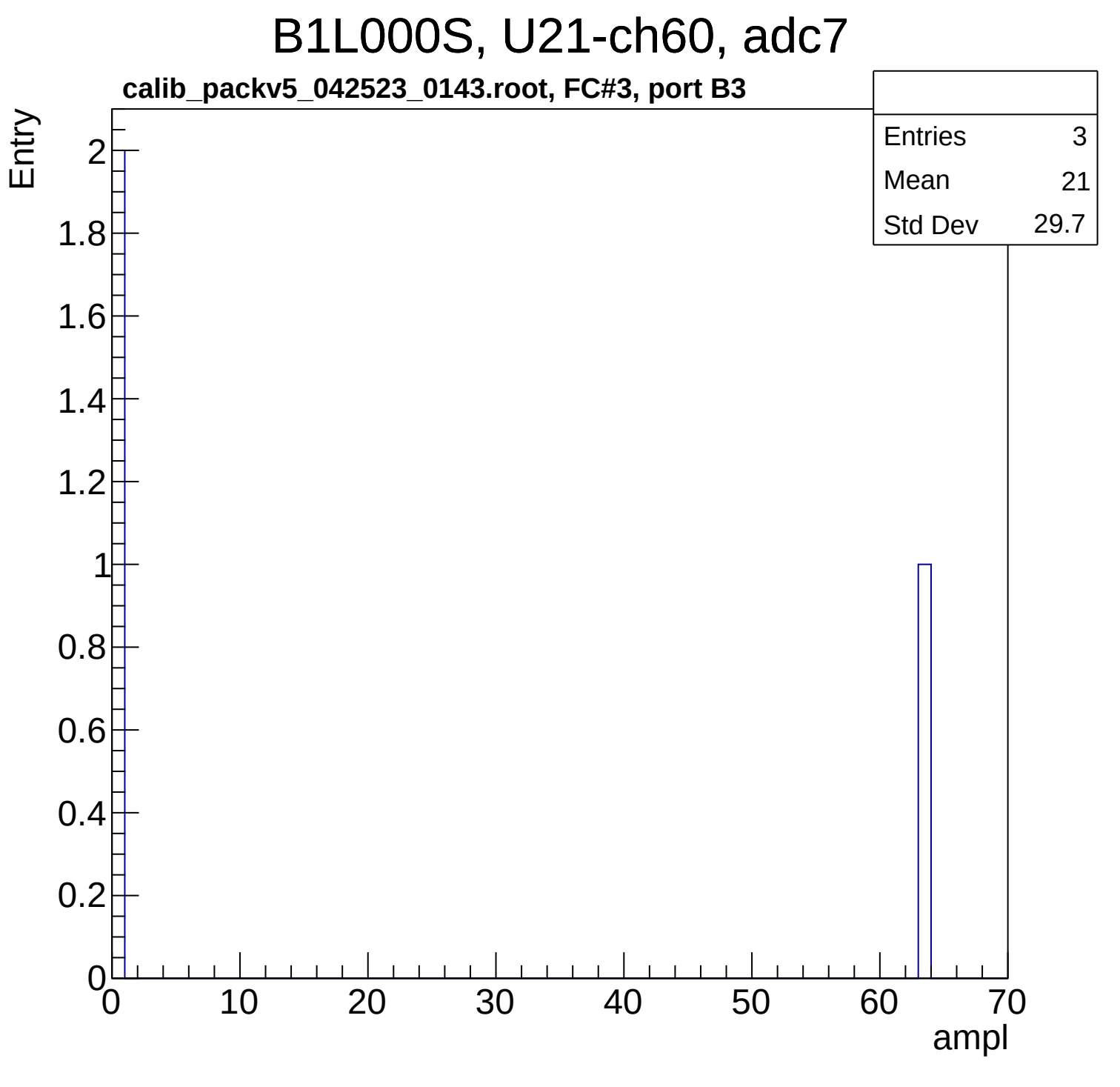

B1L000S, U21-ch60, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 40.98
Std Dev 2.962
Gaus mean : 41.4454
Gaus Width: 3.4355
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

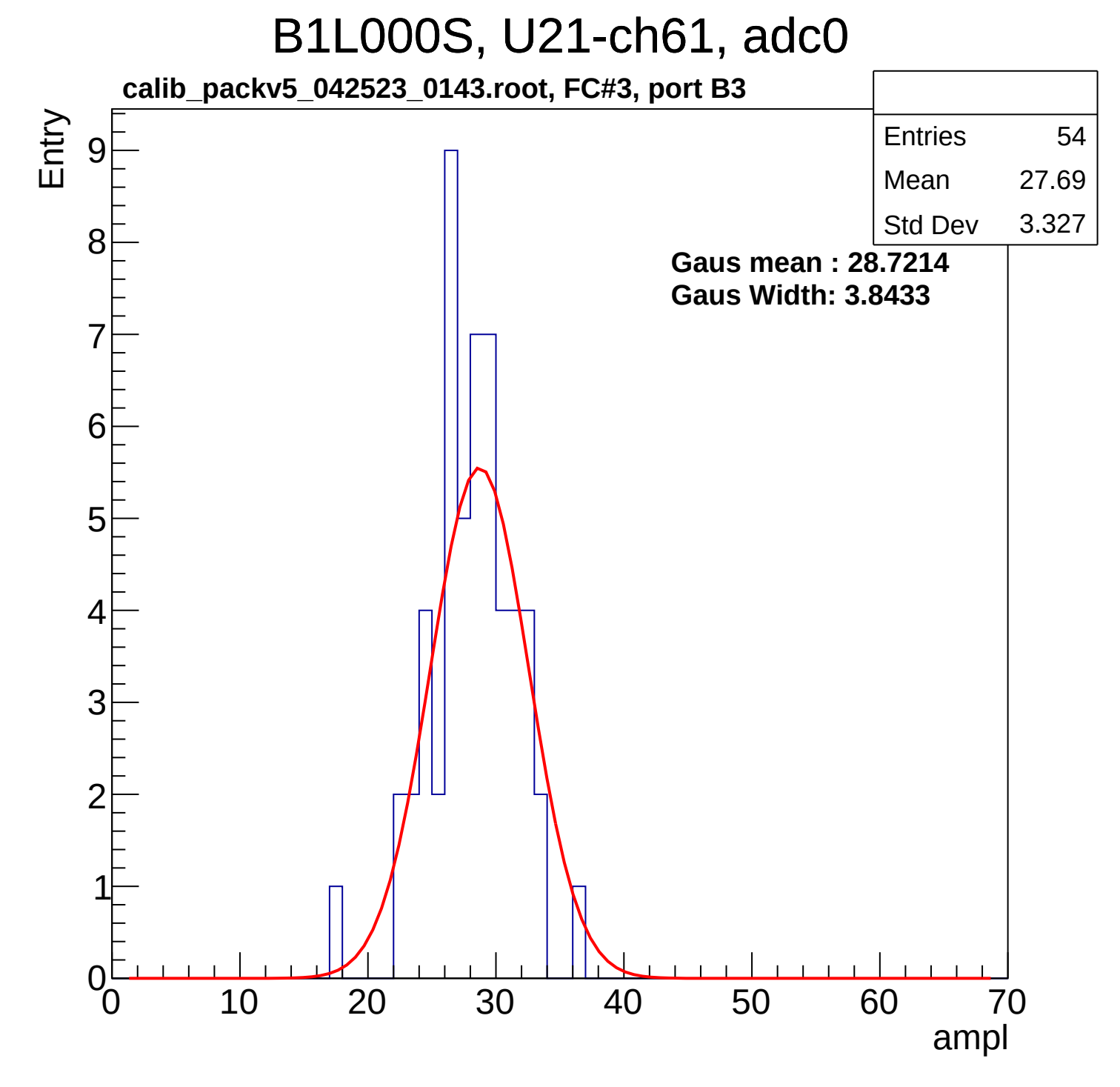

B1L000S, U21-ch60, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 47.56
Std Dev 2.903
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

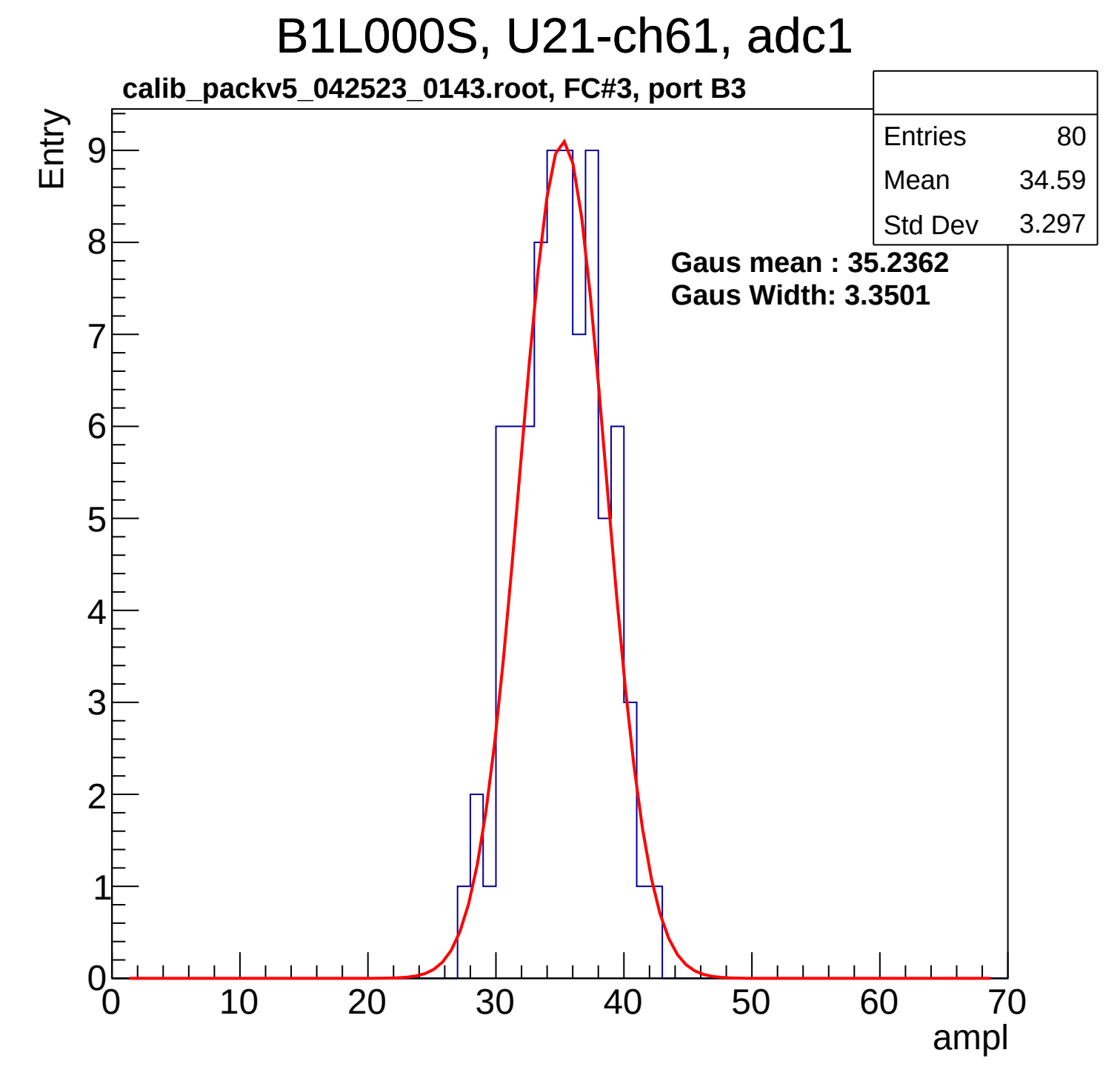

B1L000S, U21-ch60, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 52.8
Std Dev 2.931
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

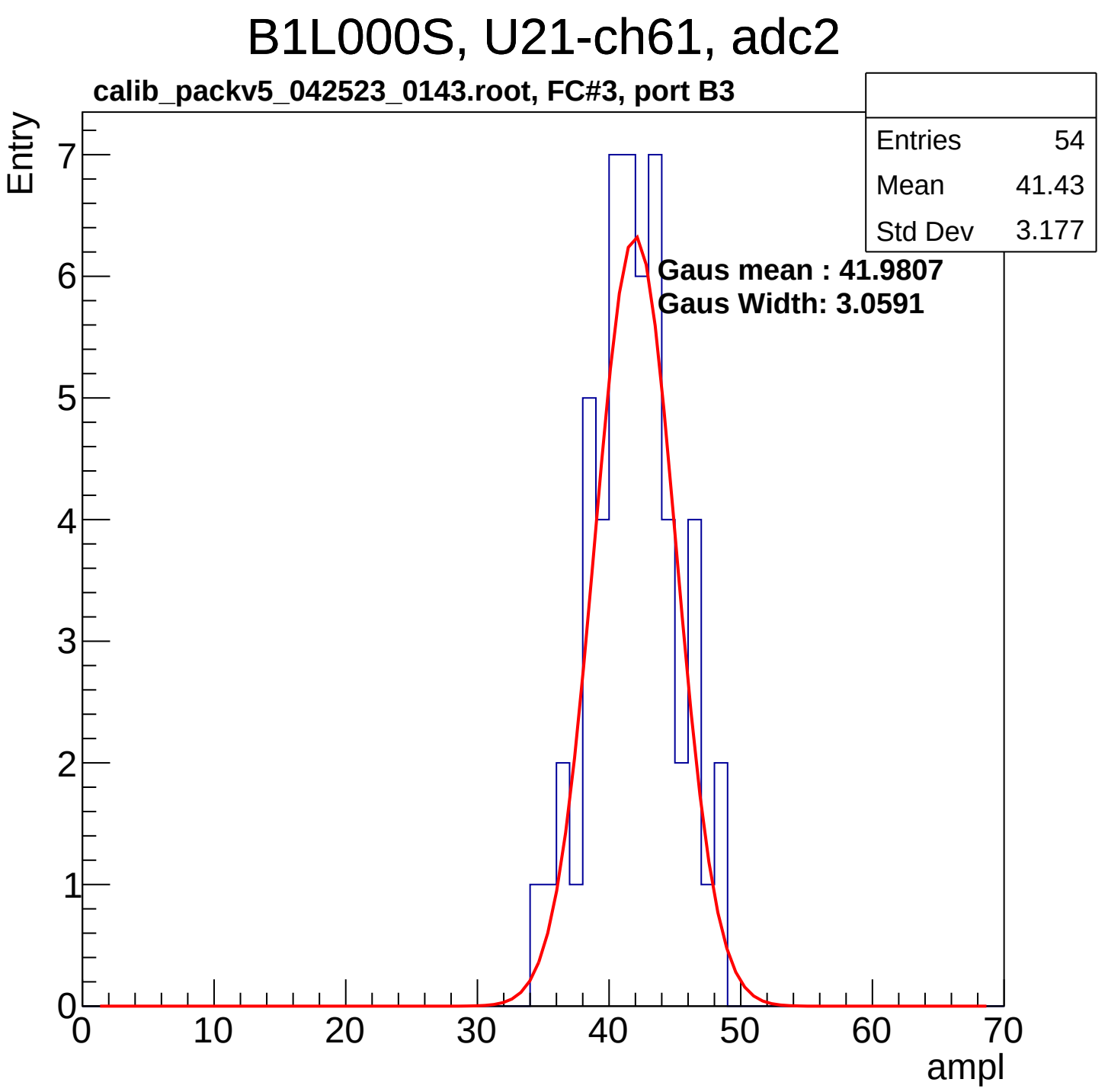

B1L000S, U21-ch60, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 58.85
Std Dev 2.429
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

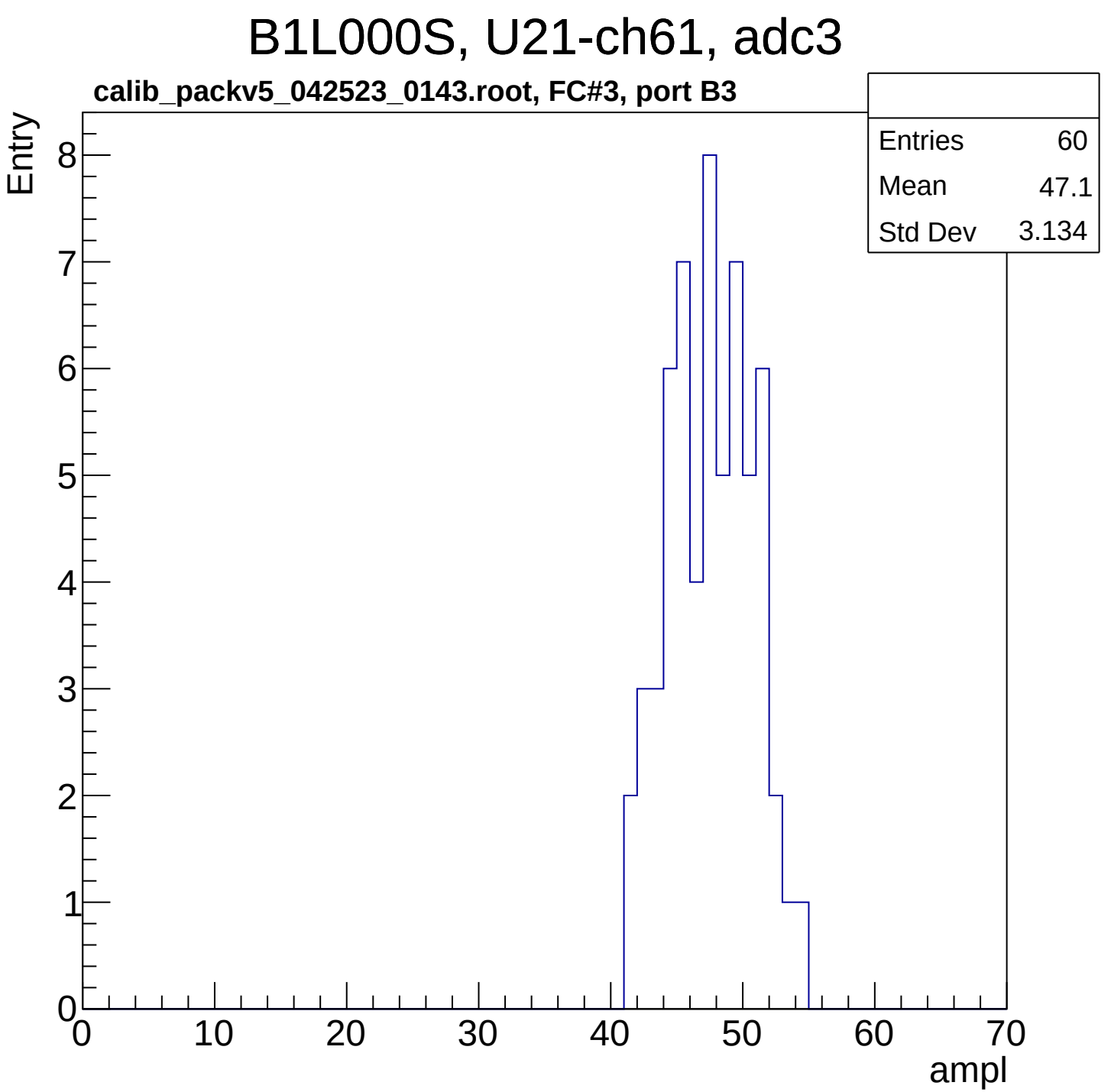

B1L000S, U21-ch60, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 57.31
Std Dev 16.59
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

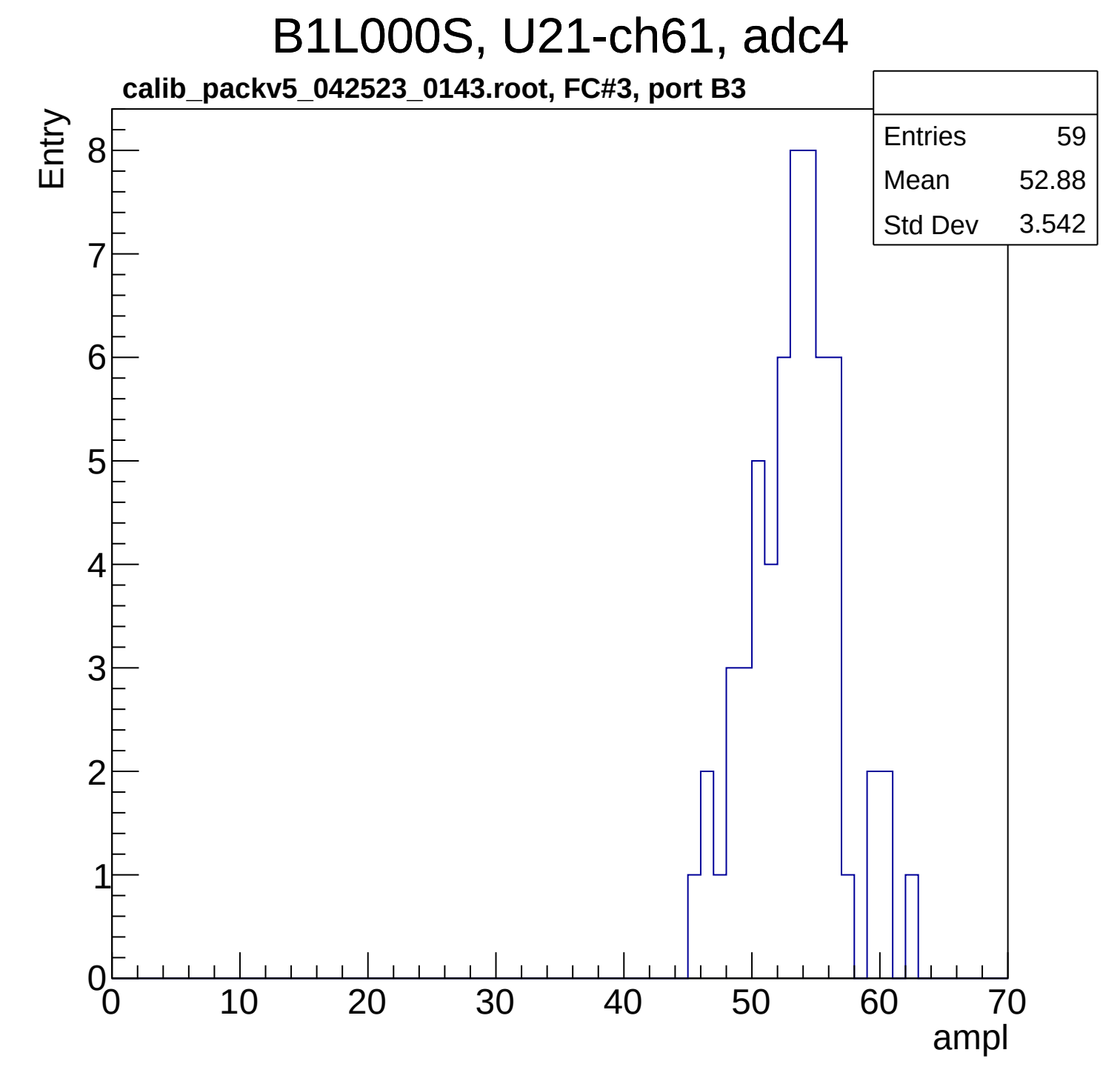

B1L000S, U21-ch60, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 21
Std Dev 29.7
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

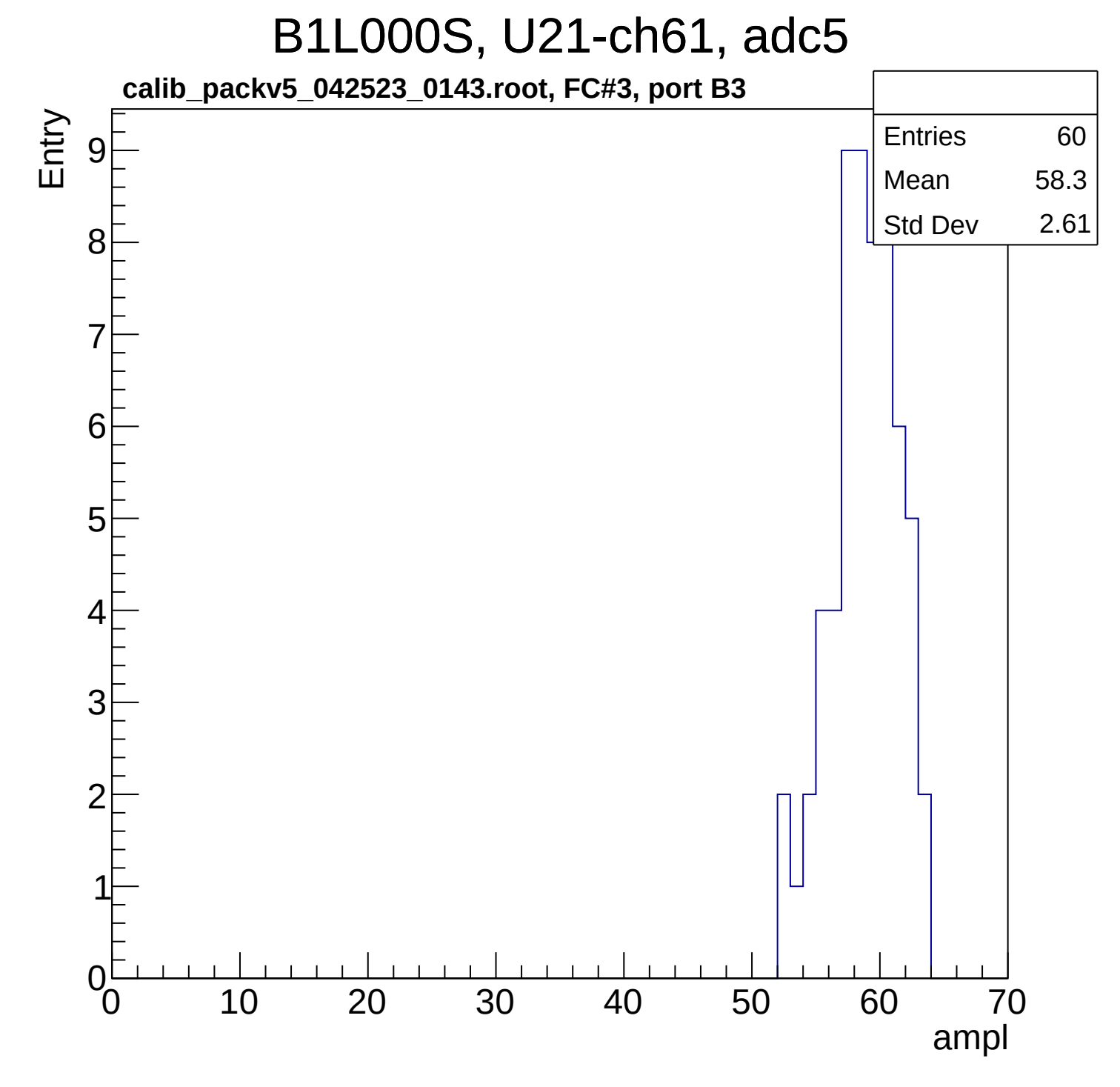

B1L000S, U21-ch61, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 27.69
Std Dev 3.327
Gaus mean : 28.7214
Gaus Width: 3.8433
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

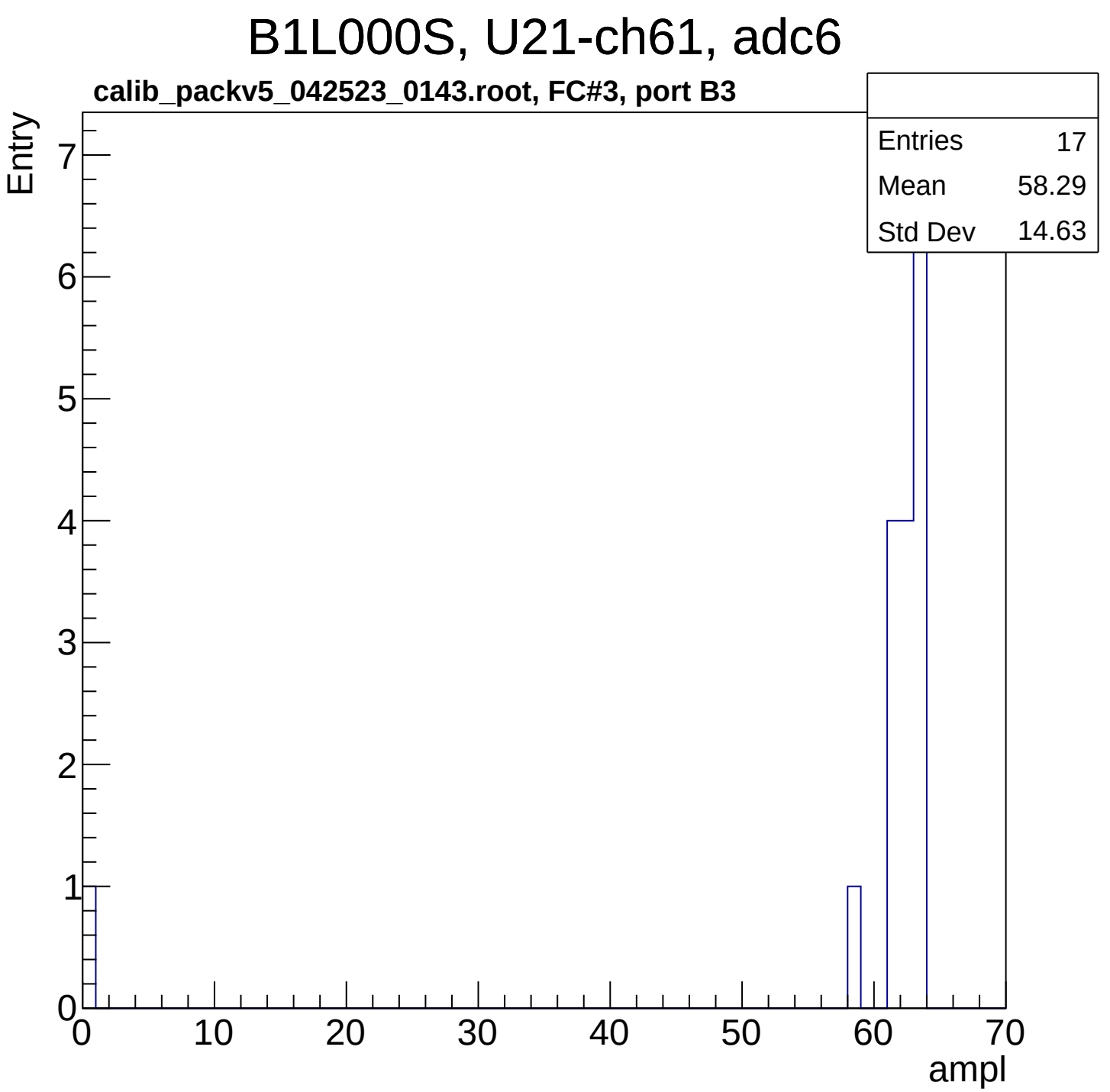

B1L000S, U21-ch61, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 80
Mean 34.59
Std Dev 3.297
Gaus mean : 35.2362
Gaus Width: 3.3501
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

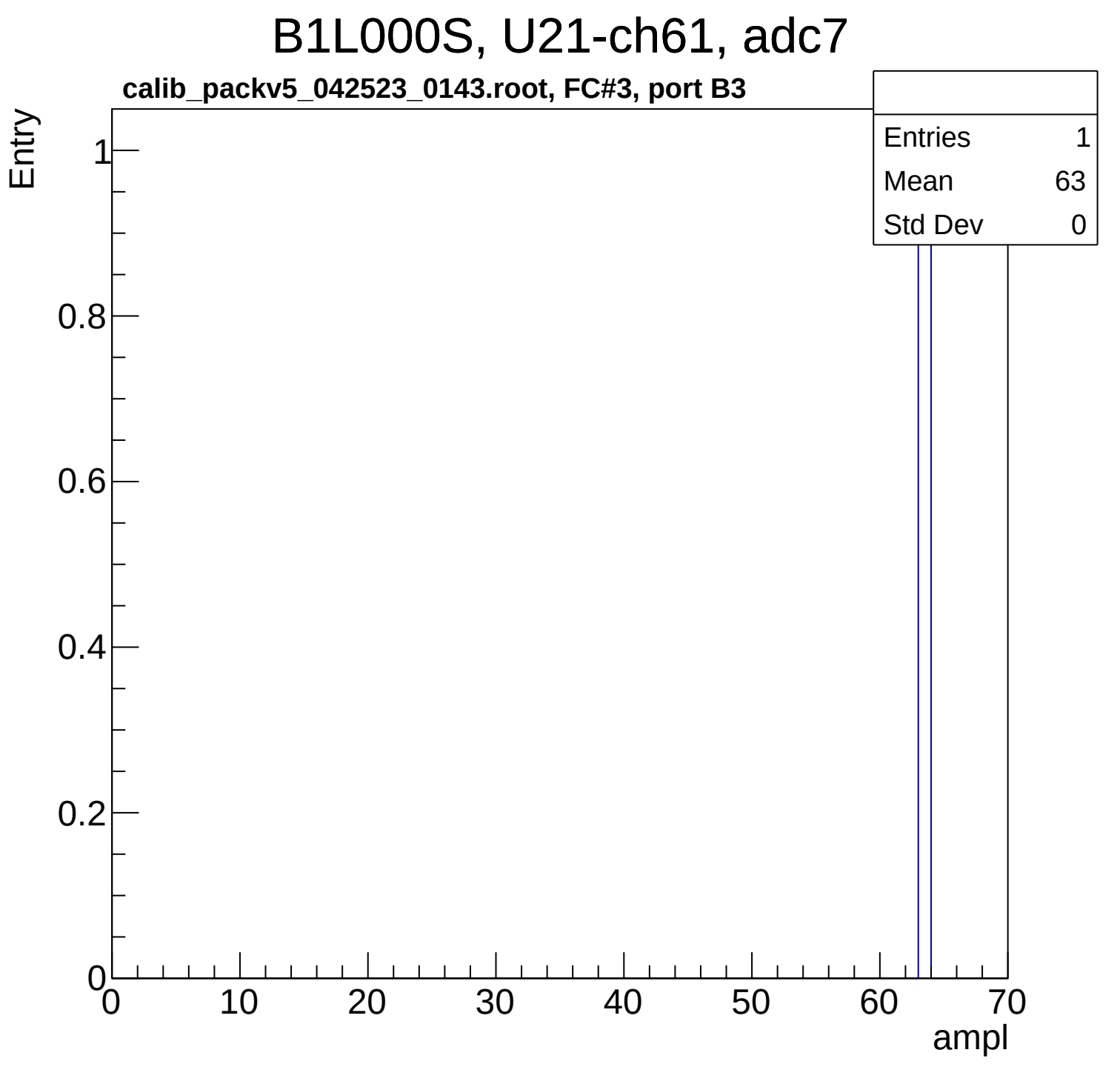

B1L000S, U21-ch61, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 41.43
Std Dev 3.177
Gaus mean : 41.9807
Gaus Width: 3.0591
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

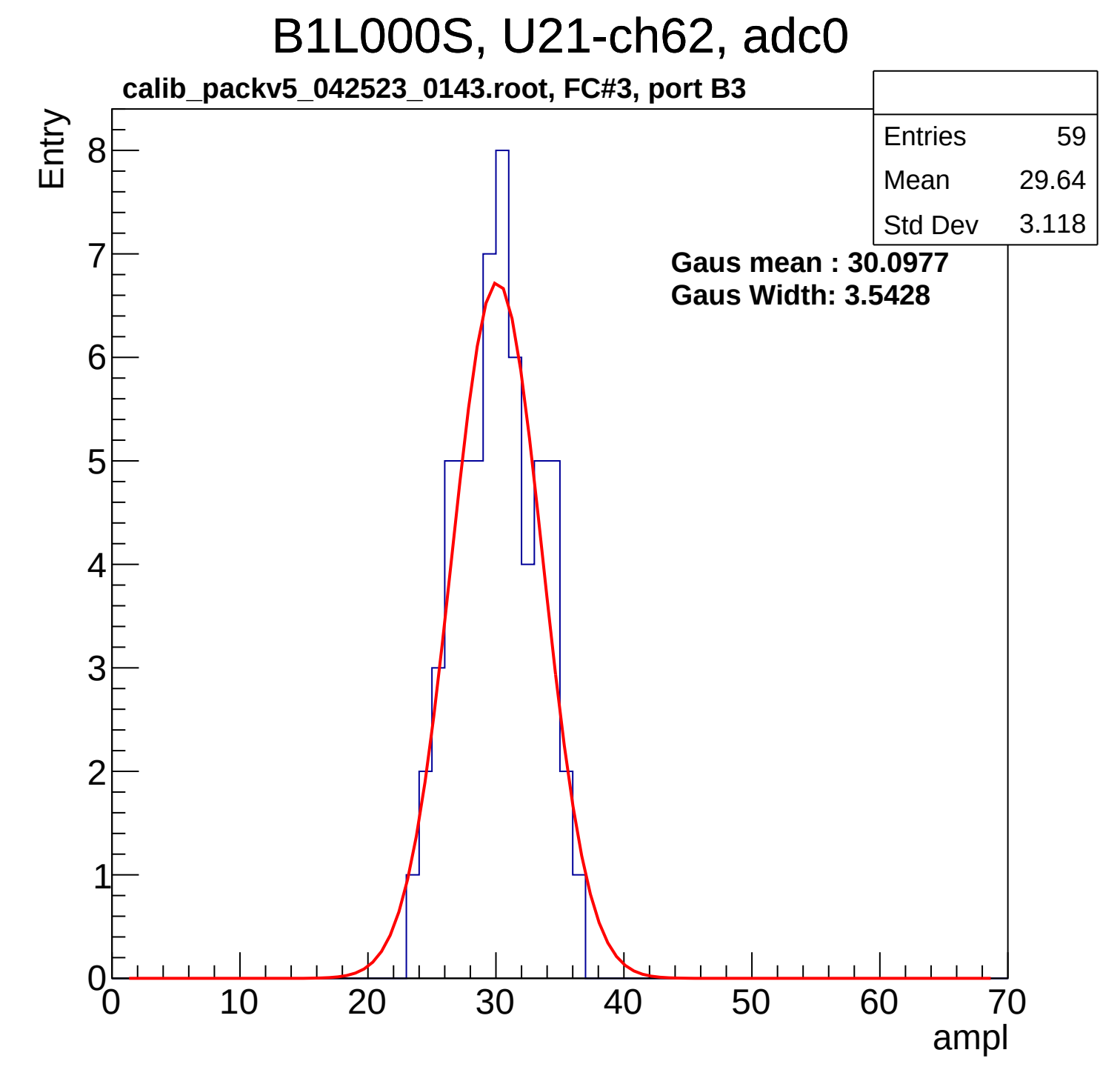

B1L000S, U21-ch61, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 47.1
Std Dev 3.134
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

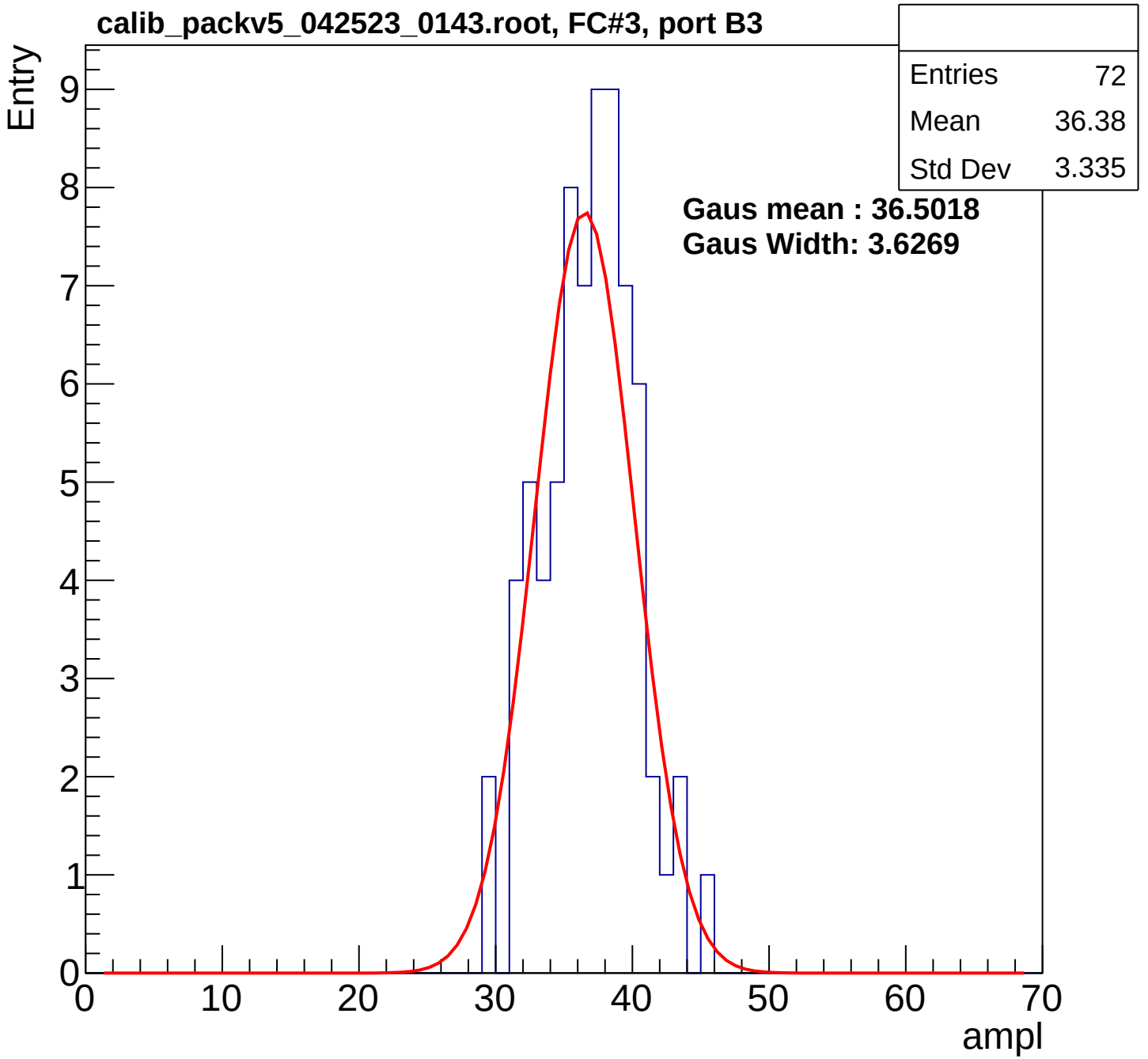

B1L000S, U21-ch61, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 52.88
Std Dev 3.542
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

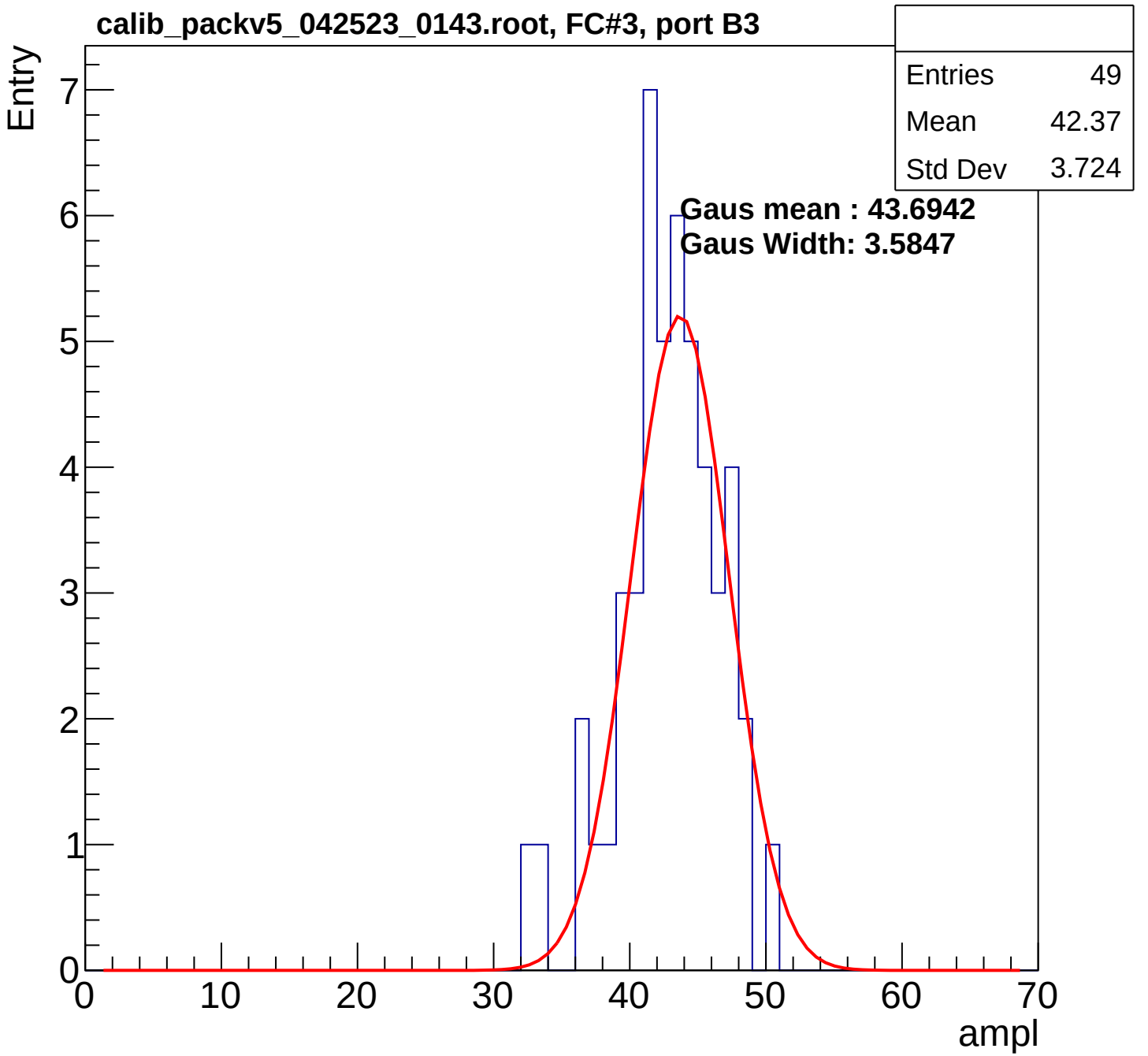

B1L000S, U21-ch61, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 58.3
Std Dev 2.61
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

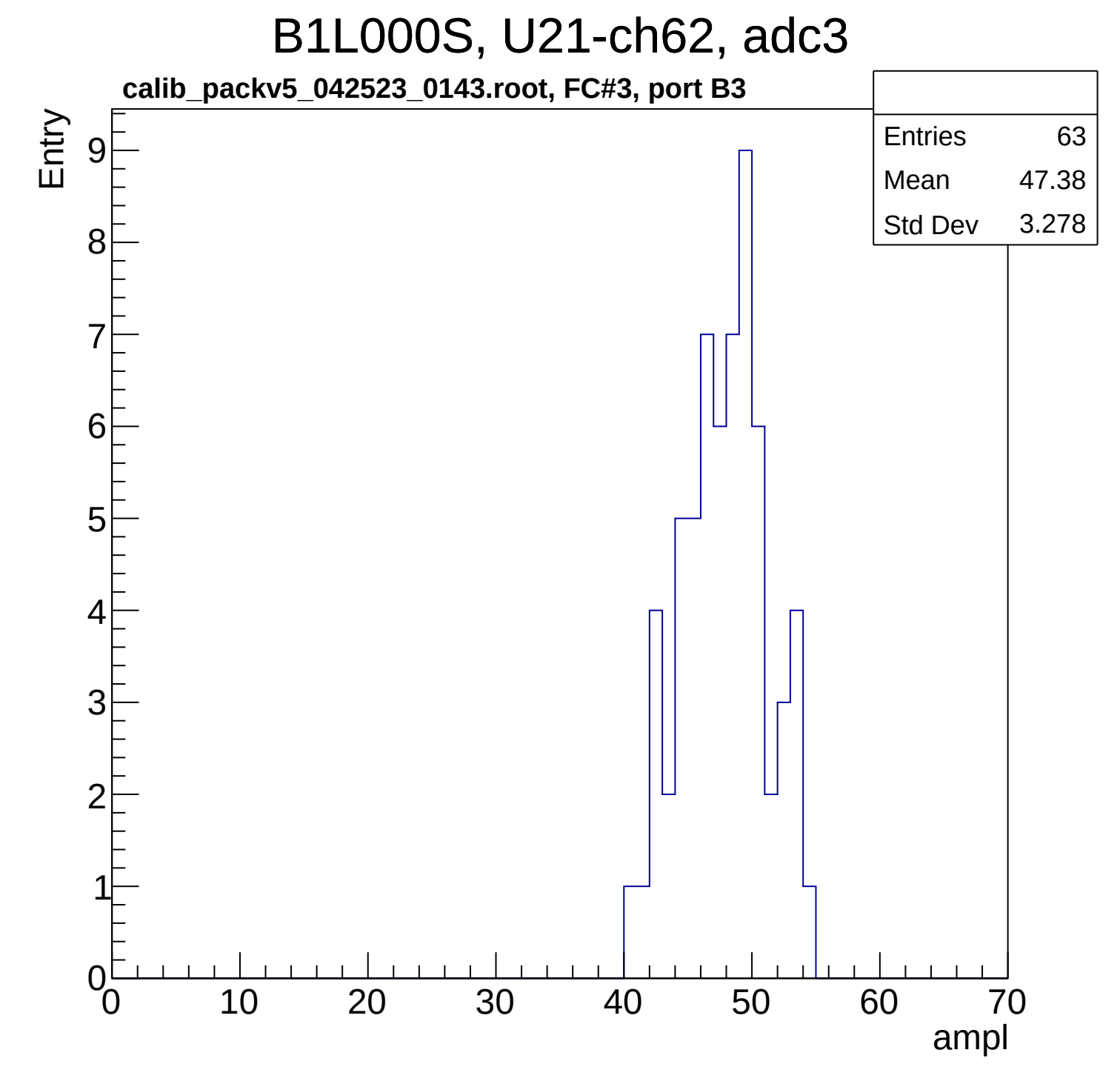

B1L000S, U21-ch61, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 58.29
Std Dev 14.63
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

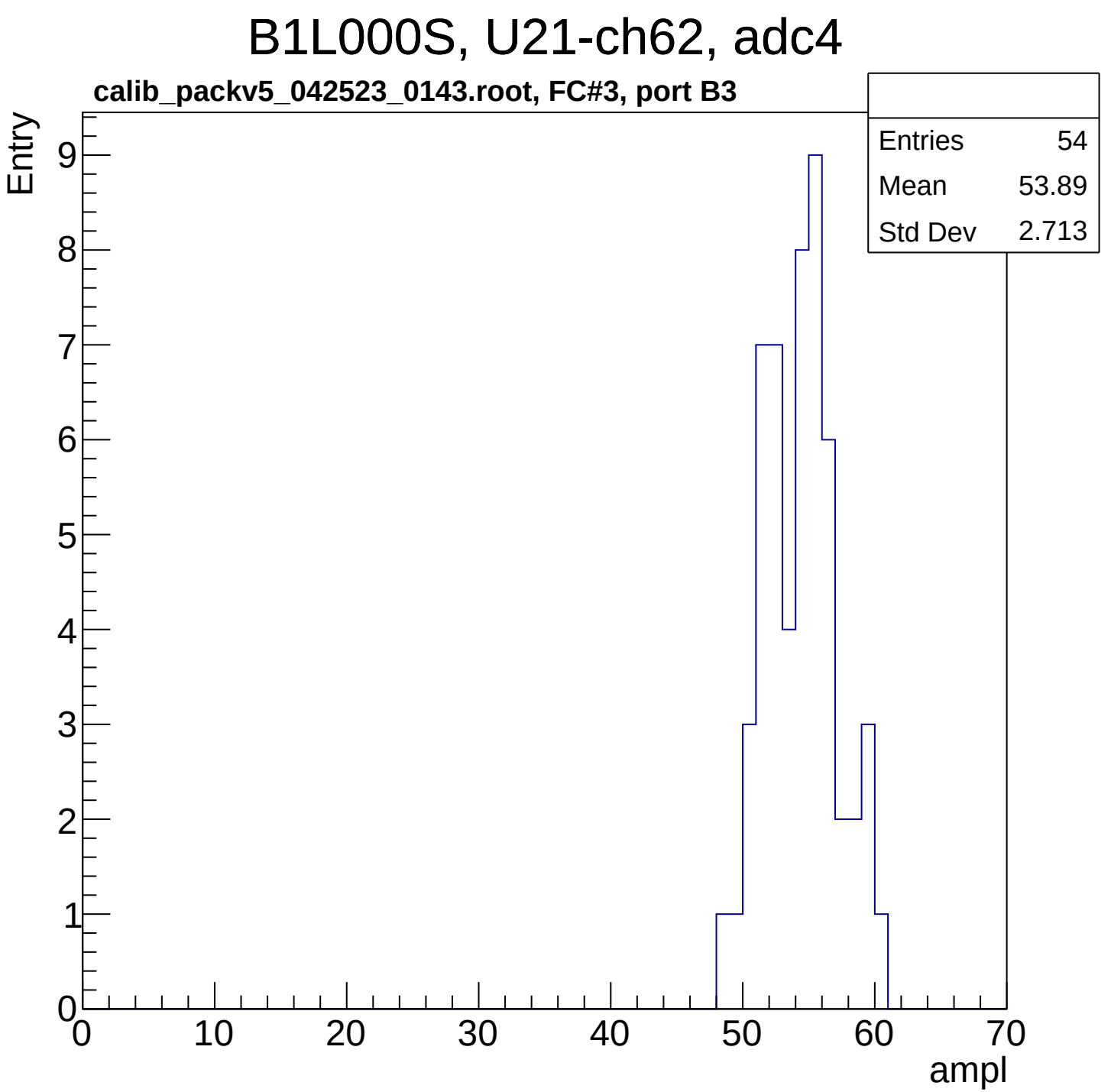

B1L000S, U21-ch61, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

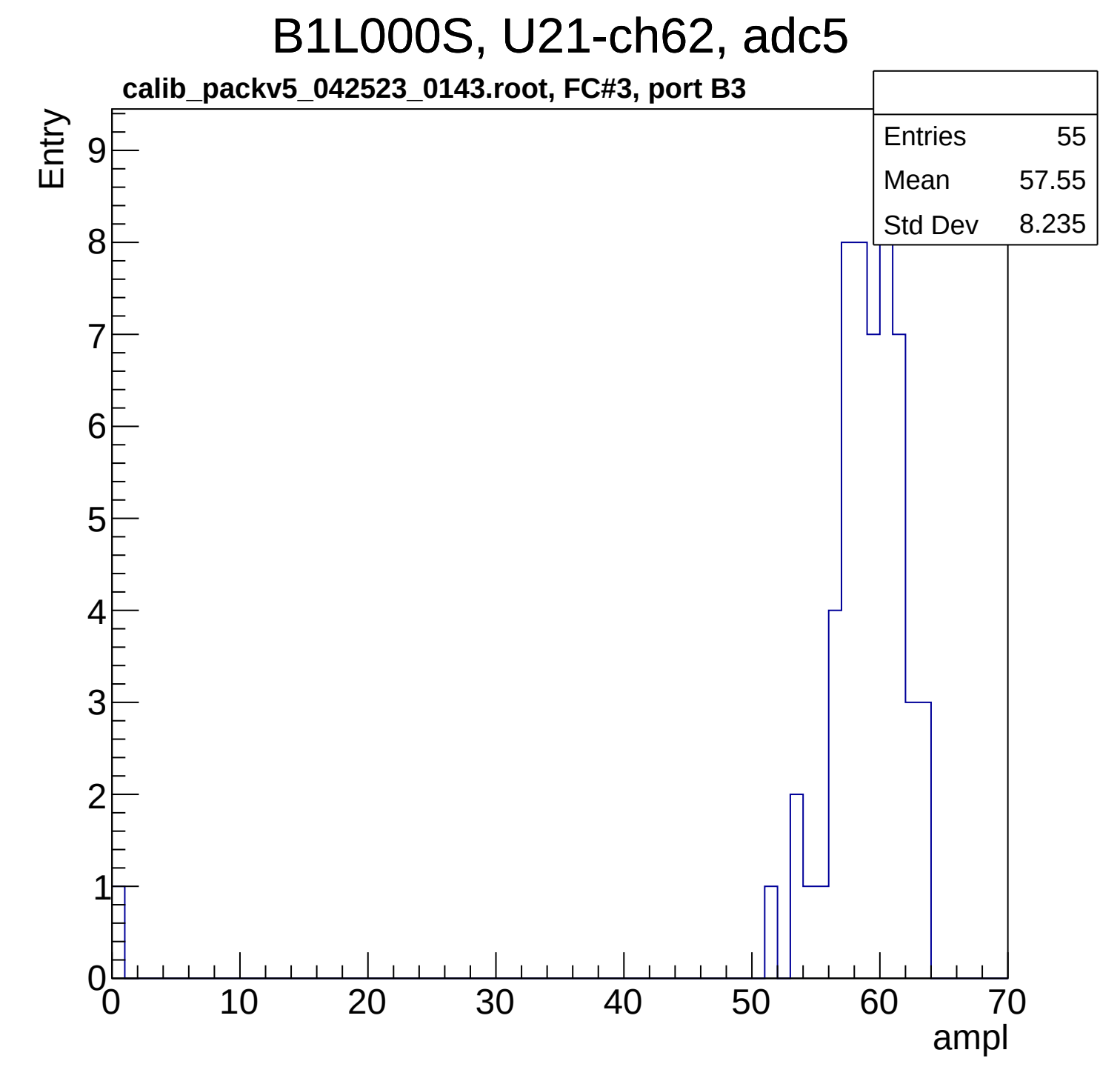

B1L000S, U21-ch62, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 29.64
Std Dev 3.118
Gaus mean : 30.0977
Gaus Width: 3.5428
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

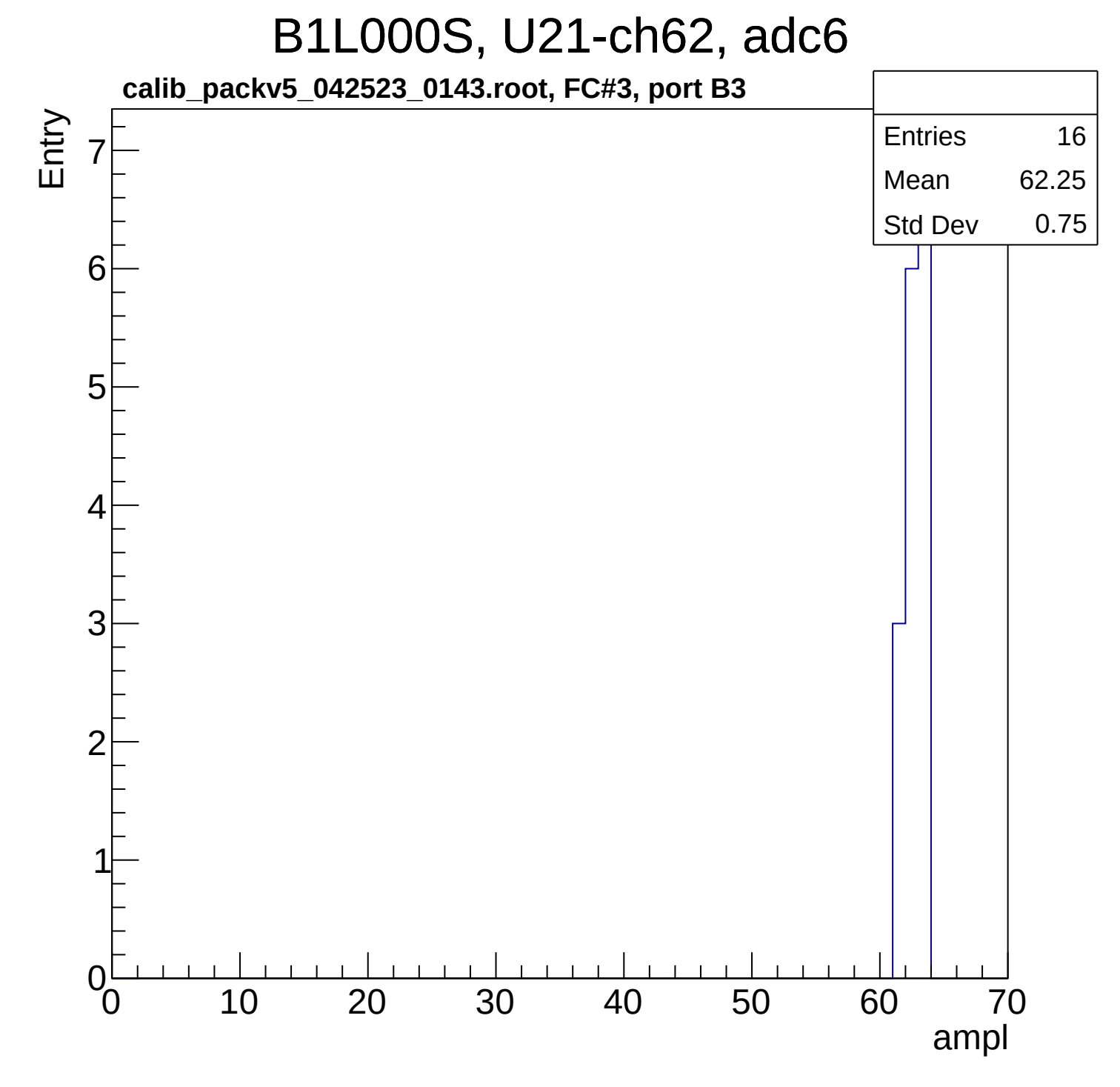

B1L000S, U21-ch62, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 36.38
Std Dev 3.335
Gaus mean : 36.5018
Gaus Width: 3.6269
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

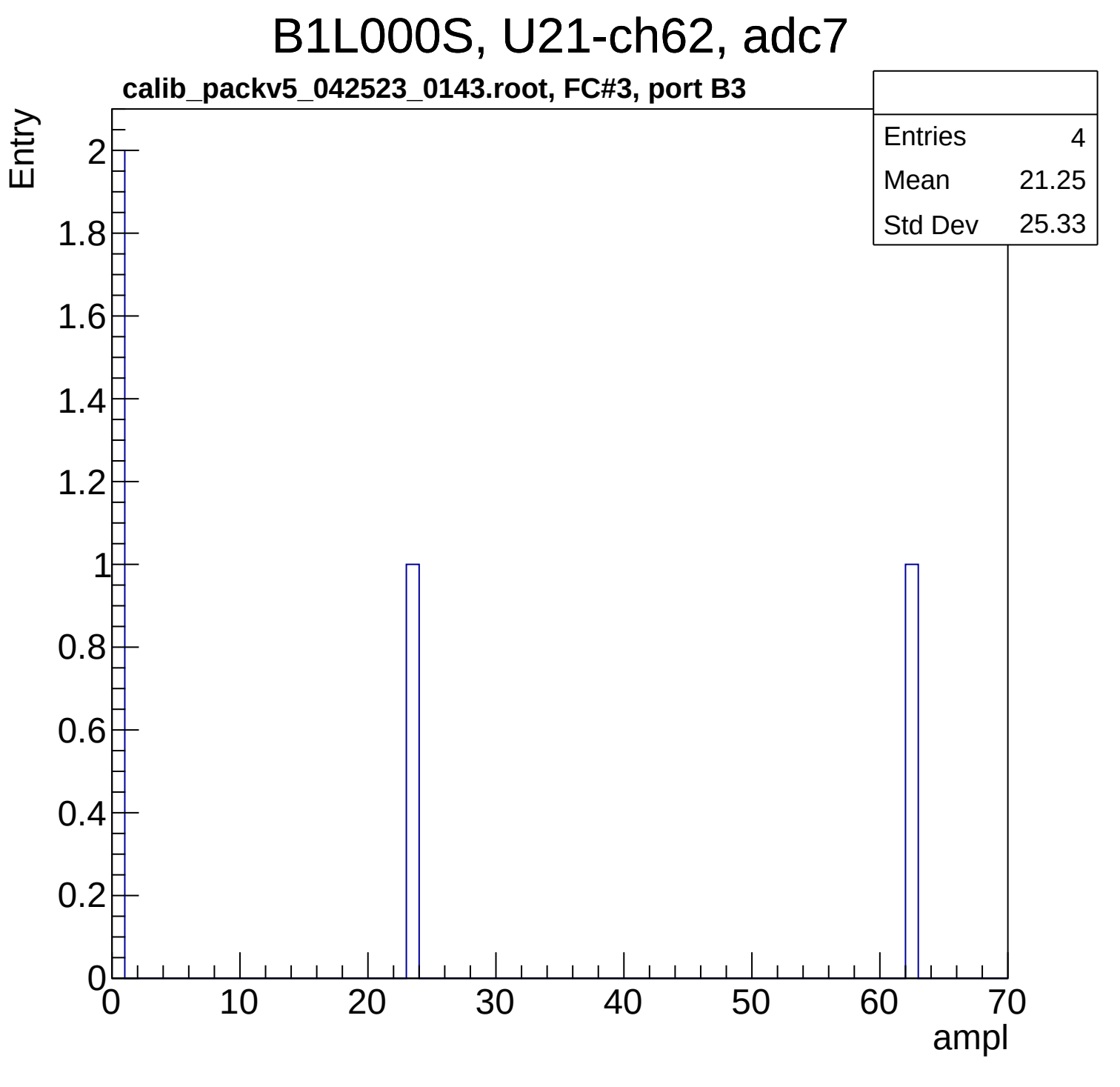

B1L000S, U21-ch62, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 42.37
Std Dev 3.724
Gaus mean : 43.6942
Gaus Width: 3.5847
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

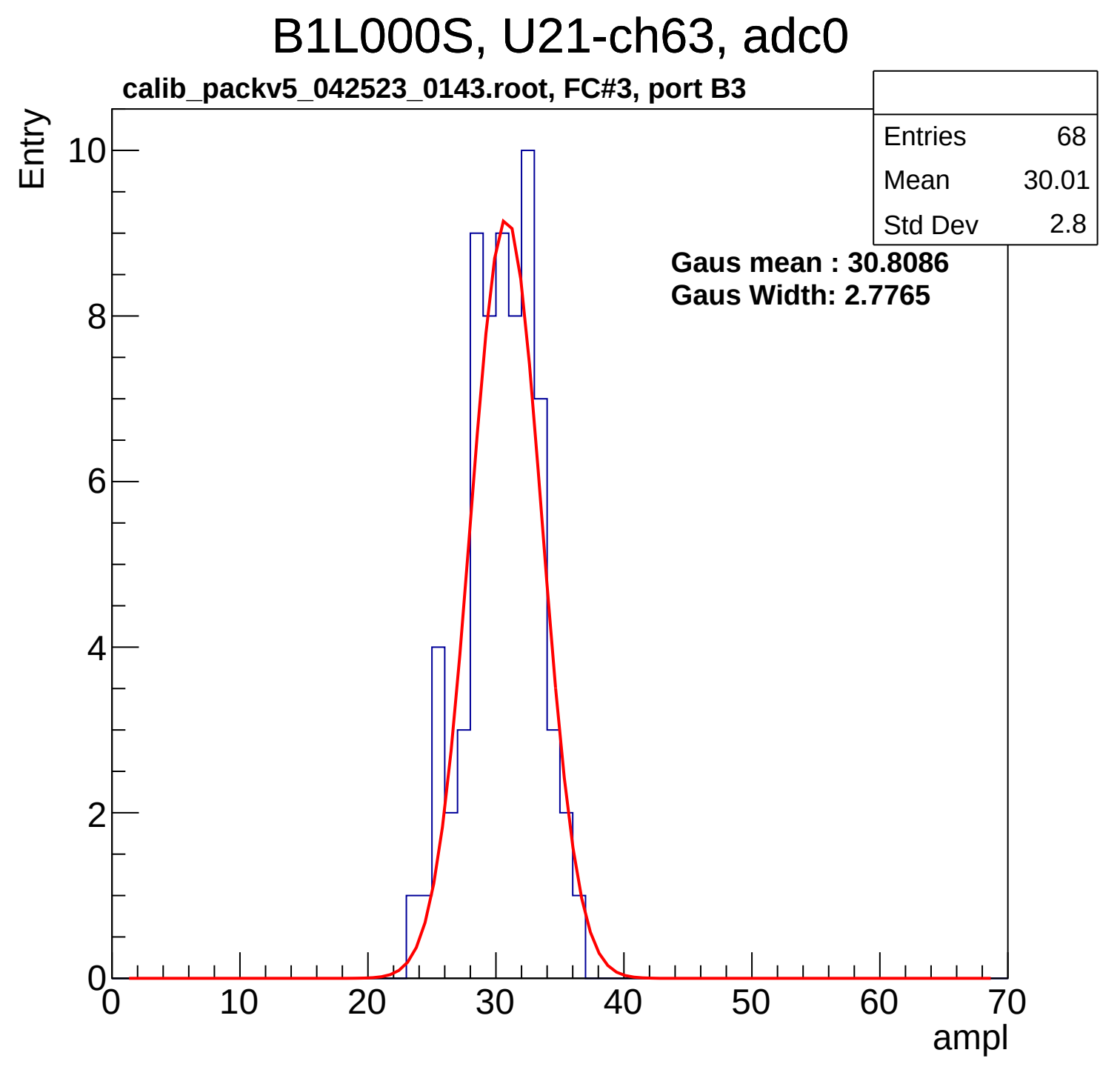

B1L000S, U21-ch62, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 47.38
Std Dev 3.278
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

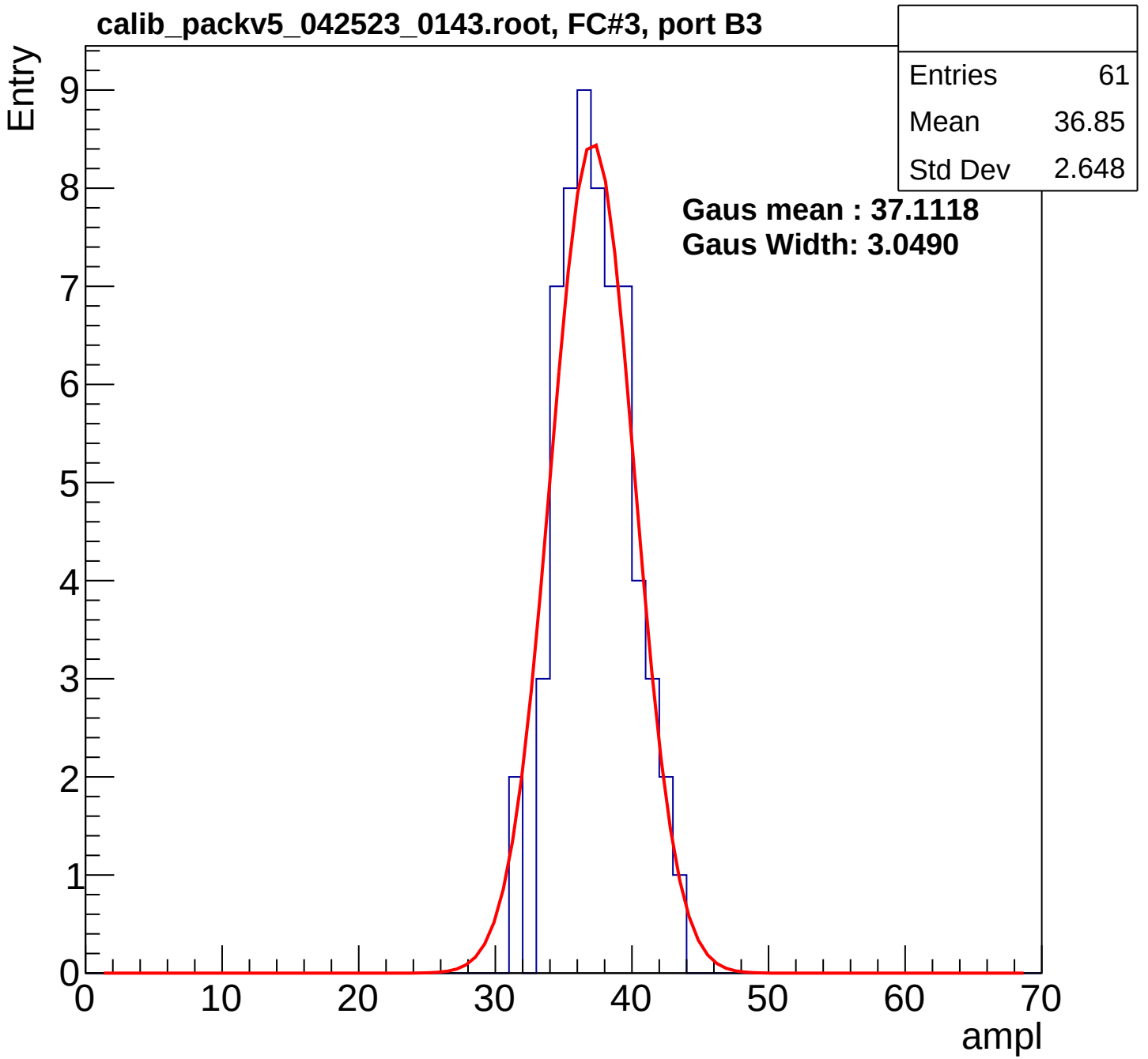

B1L000S, U21-ch62, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 53.89
Std Dev 2.713
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

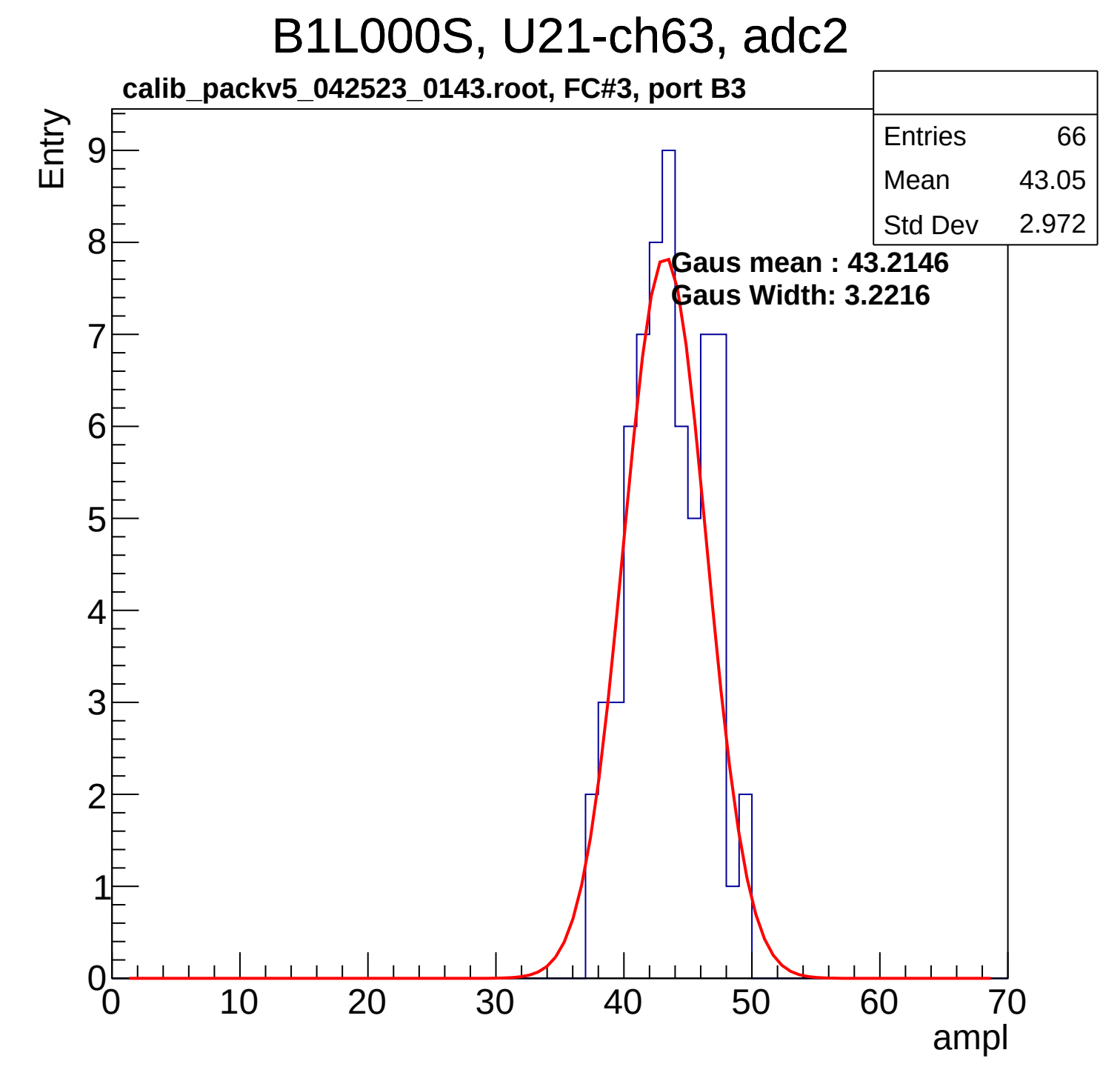

B1L000S, U21-ch62, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 57.55
Std Dev 8.235
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

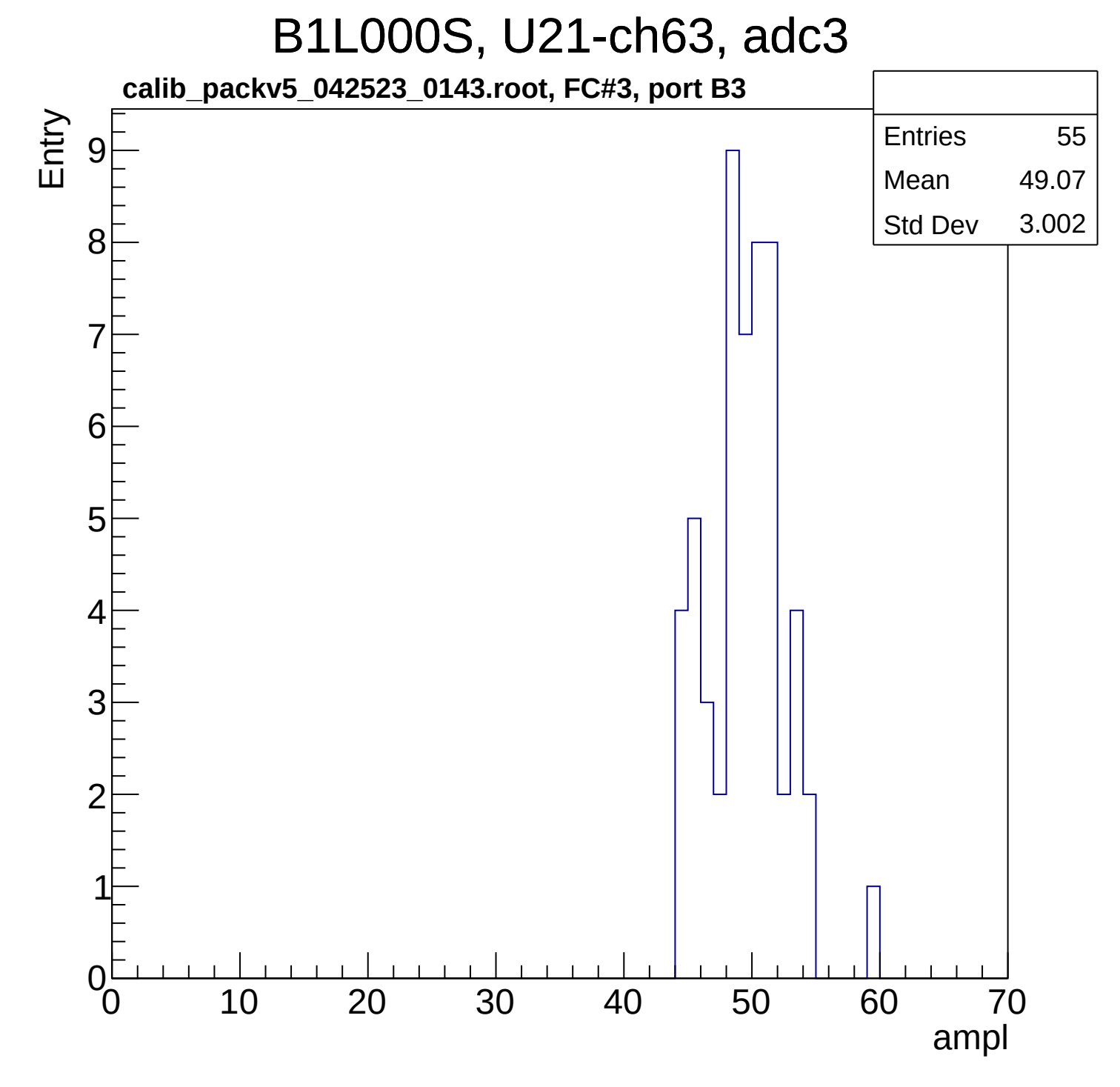

B1L000S, U21-ch62, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 62.25
Std Dev 0.75
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

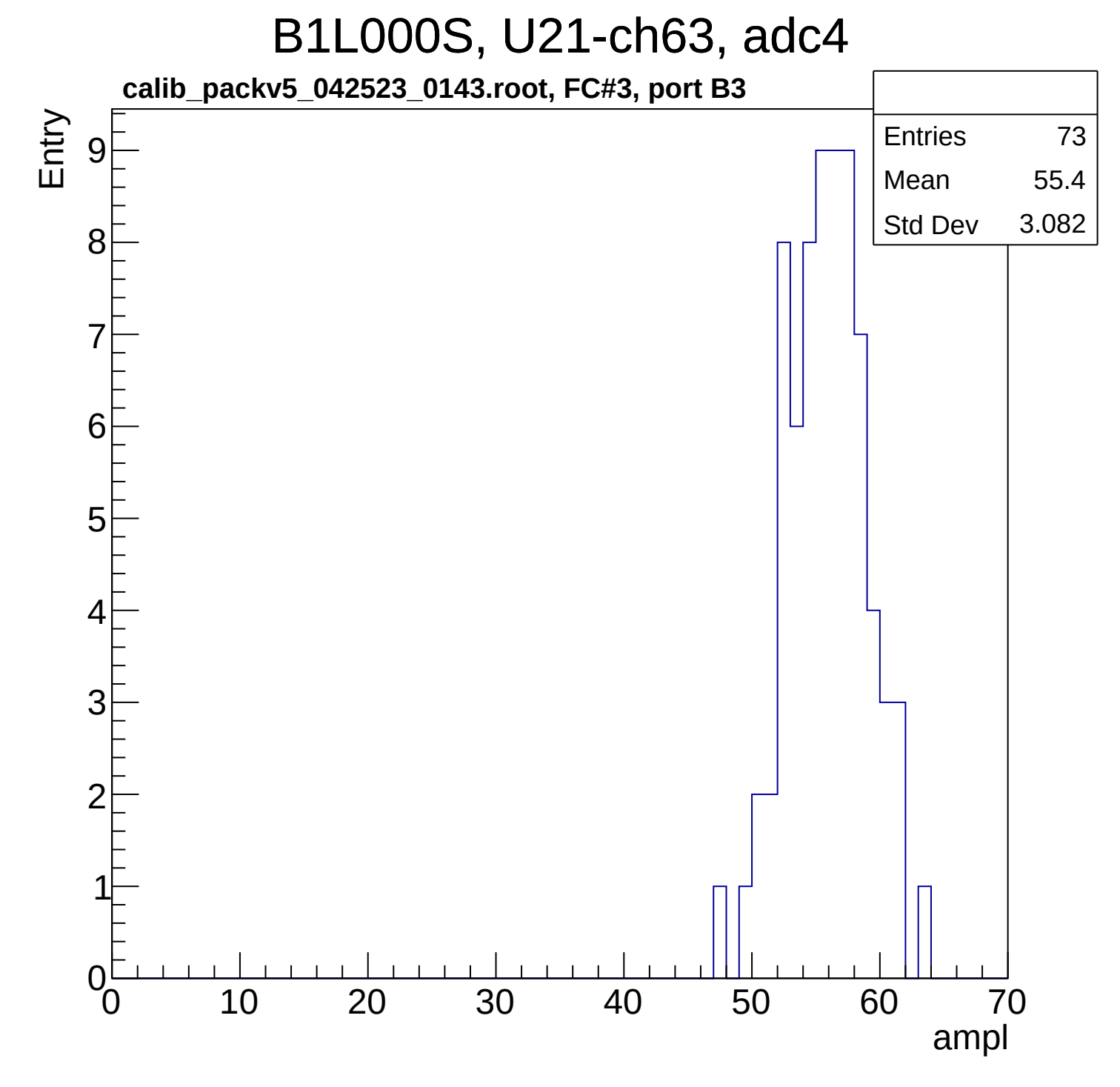

B1L000S, U21-ch62, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 21.25
Std Dev 25.33
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

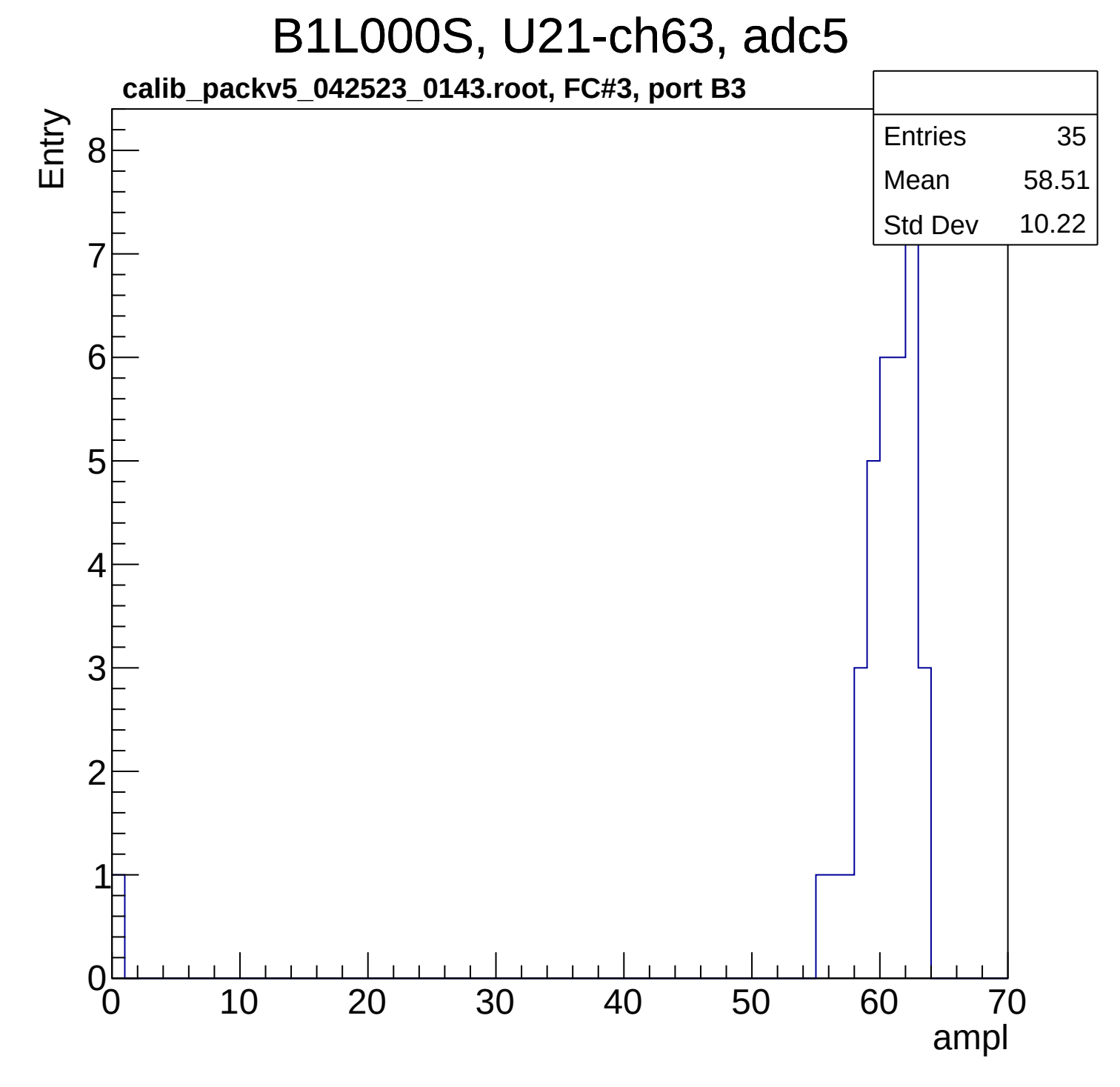

B1L000S, U21-ch63, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 30.01
Std Dev 2.8
Gaus mean : 30.8086
Gaus Width: 2.7765
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

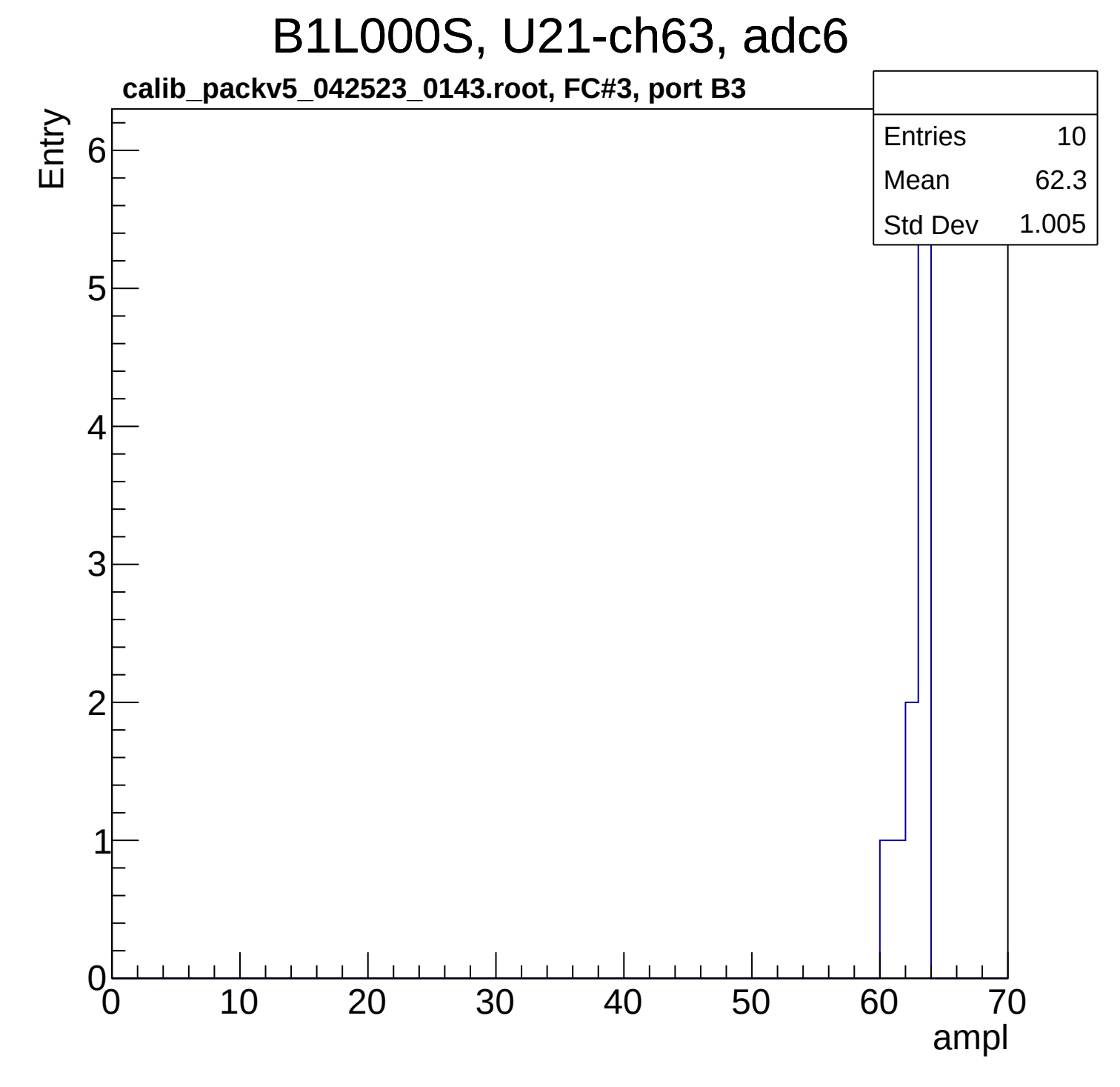

B1L000S, U21-ch63, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 36.85
Std Dev 2.648
Gaus mean : 37.1118
Gaus Width: 3.0490
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

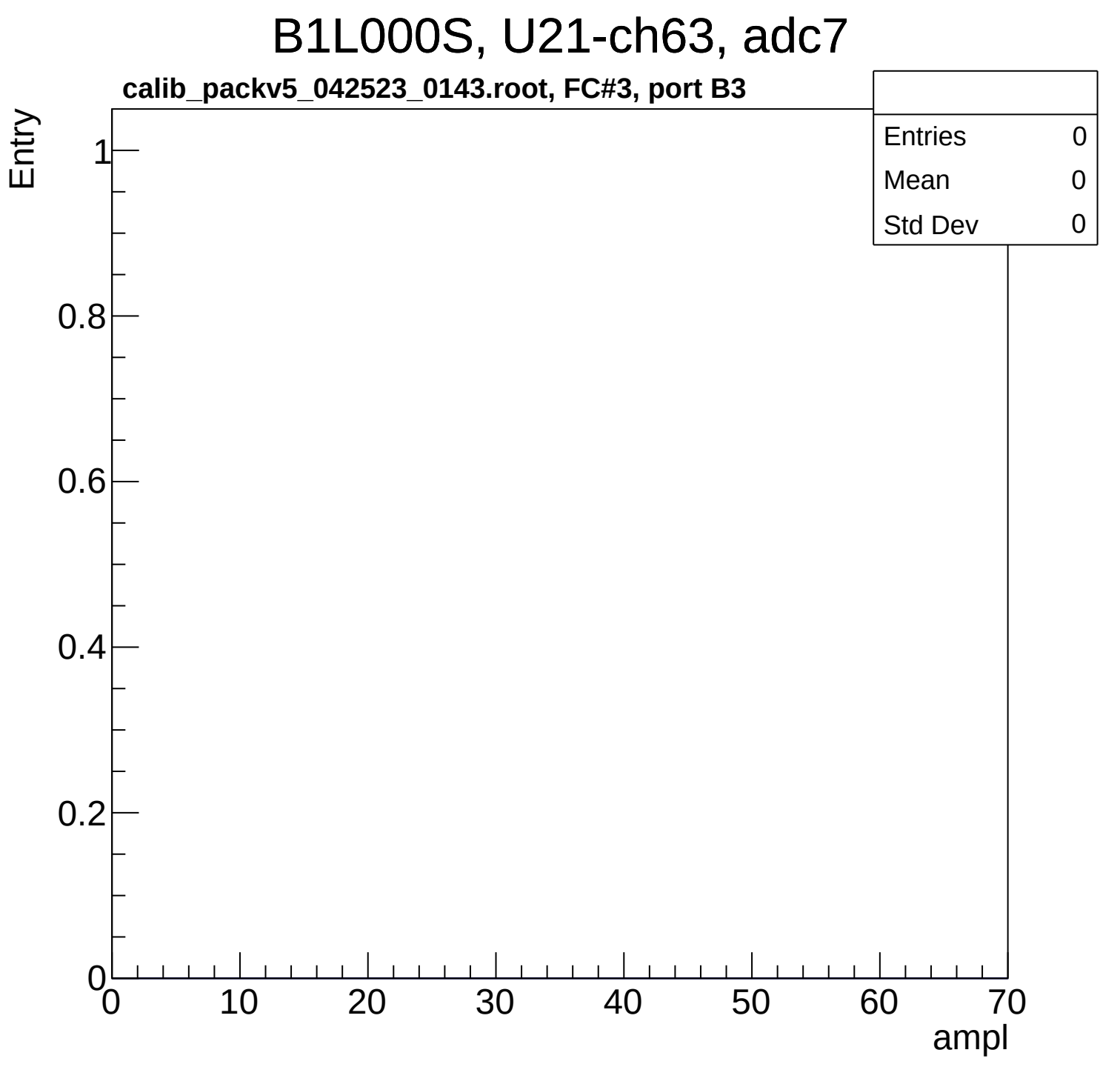

B1L000S, U21-ch63, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 43.05
Std Dev 2.972
Gaus mean : 43.2146
Gaus Width: 3.2216
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

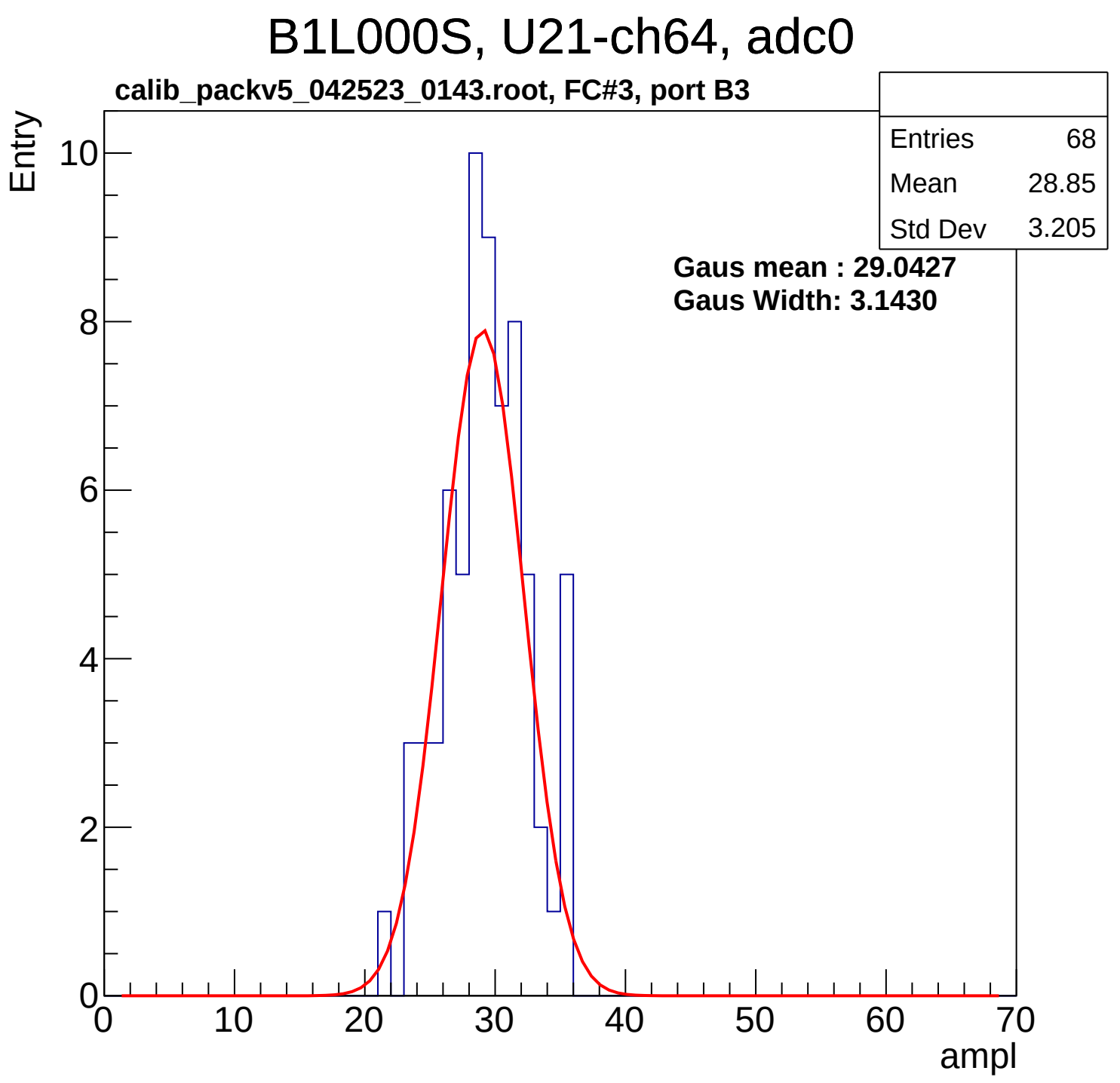

B1L000S, U21-ch63, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 49.07
Std Dev 3.002
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

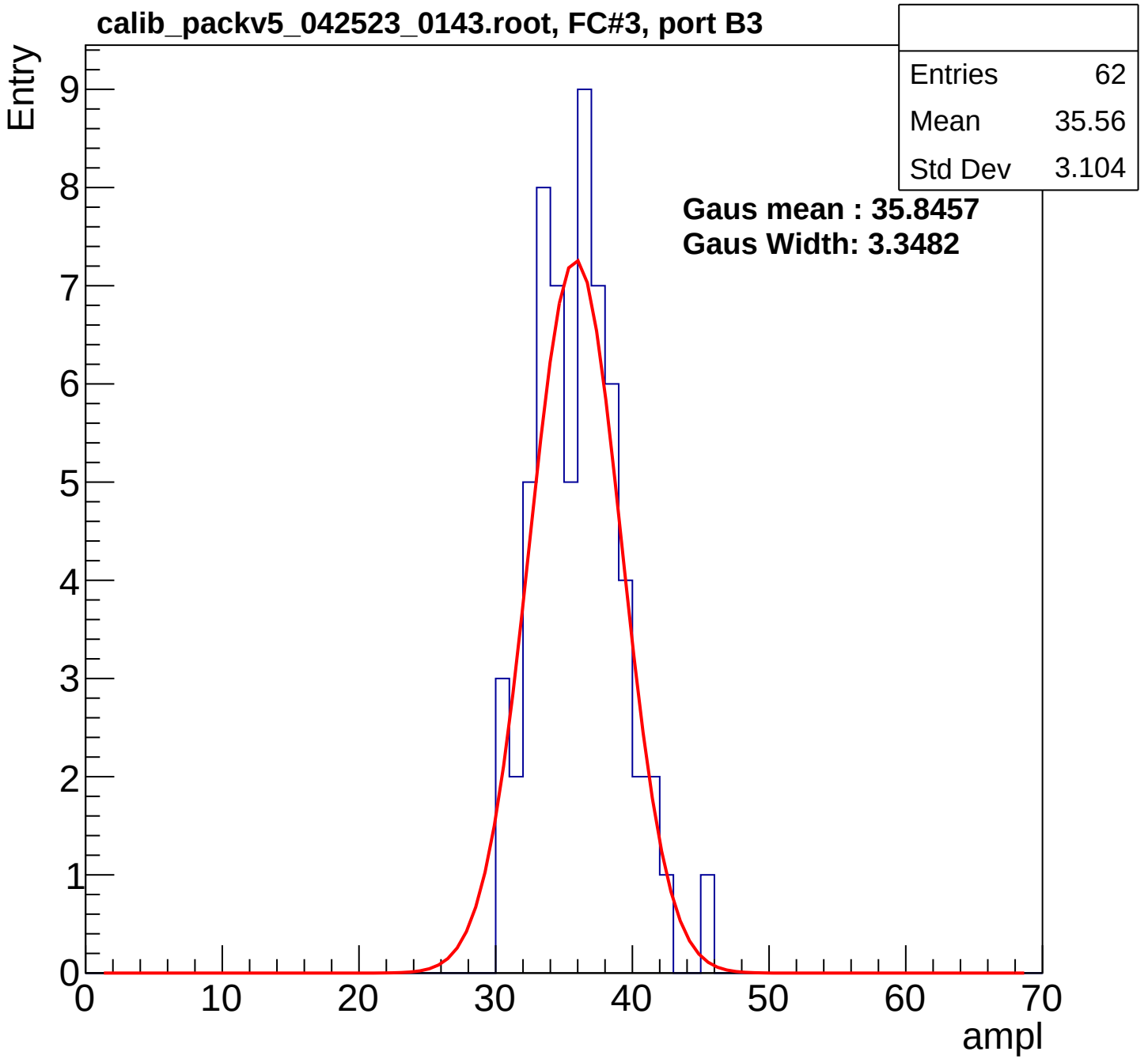

B1L000S, U21-ch63, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 55.4
Std Dev 3.082
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

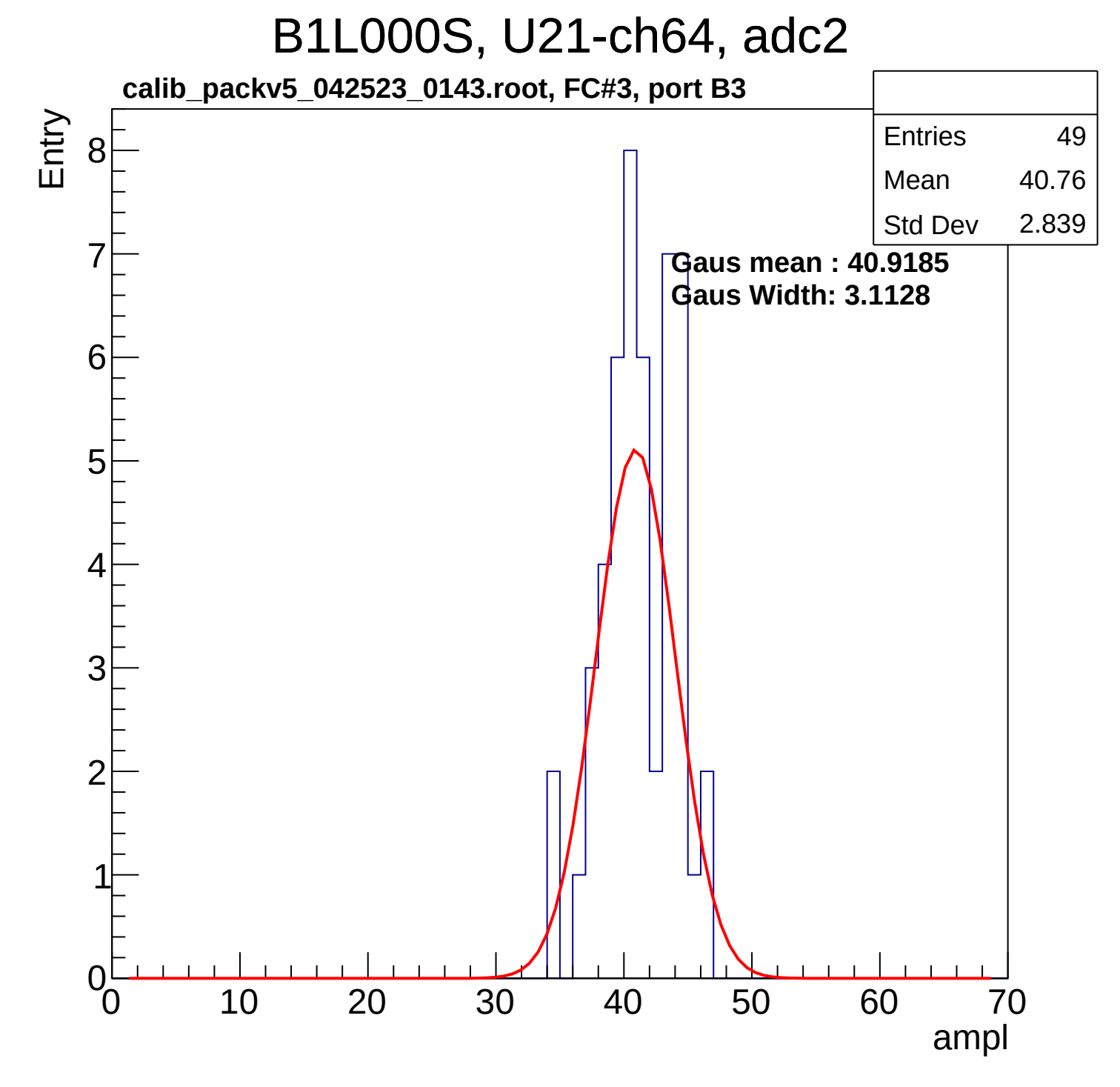

B1L000S, U21-ch63, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 35
Mean 58.51
Std Dev 10.22
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

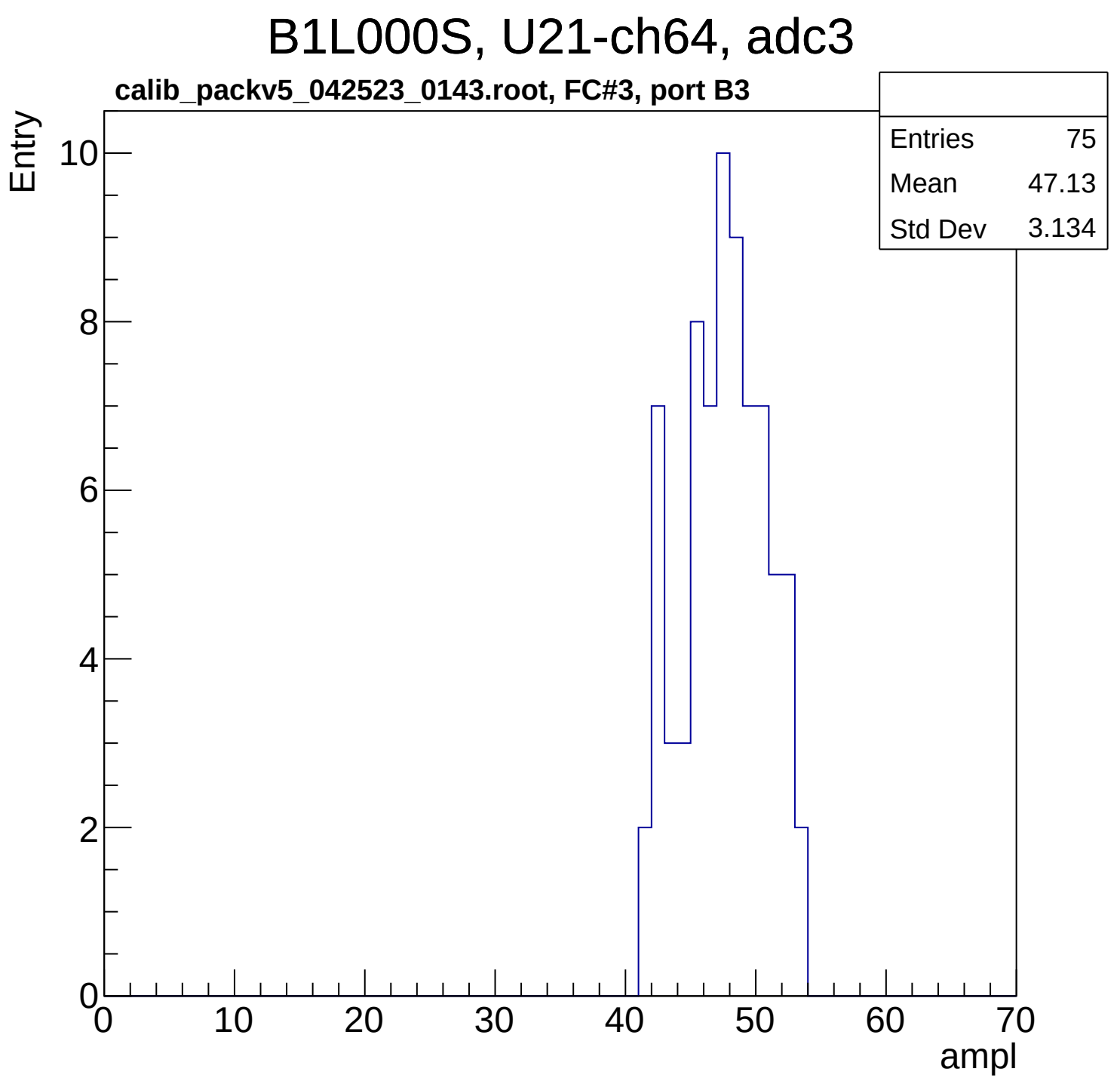

B1L000S, U21-ch63, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 10
Mean 62.3
Std Dev 1.005
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

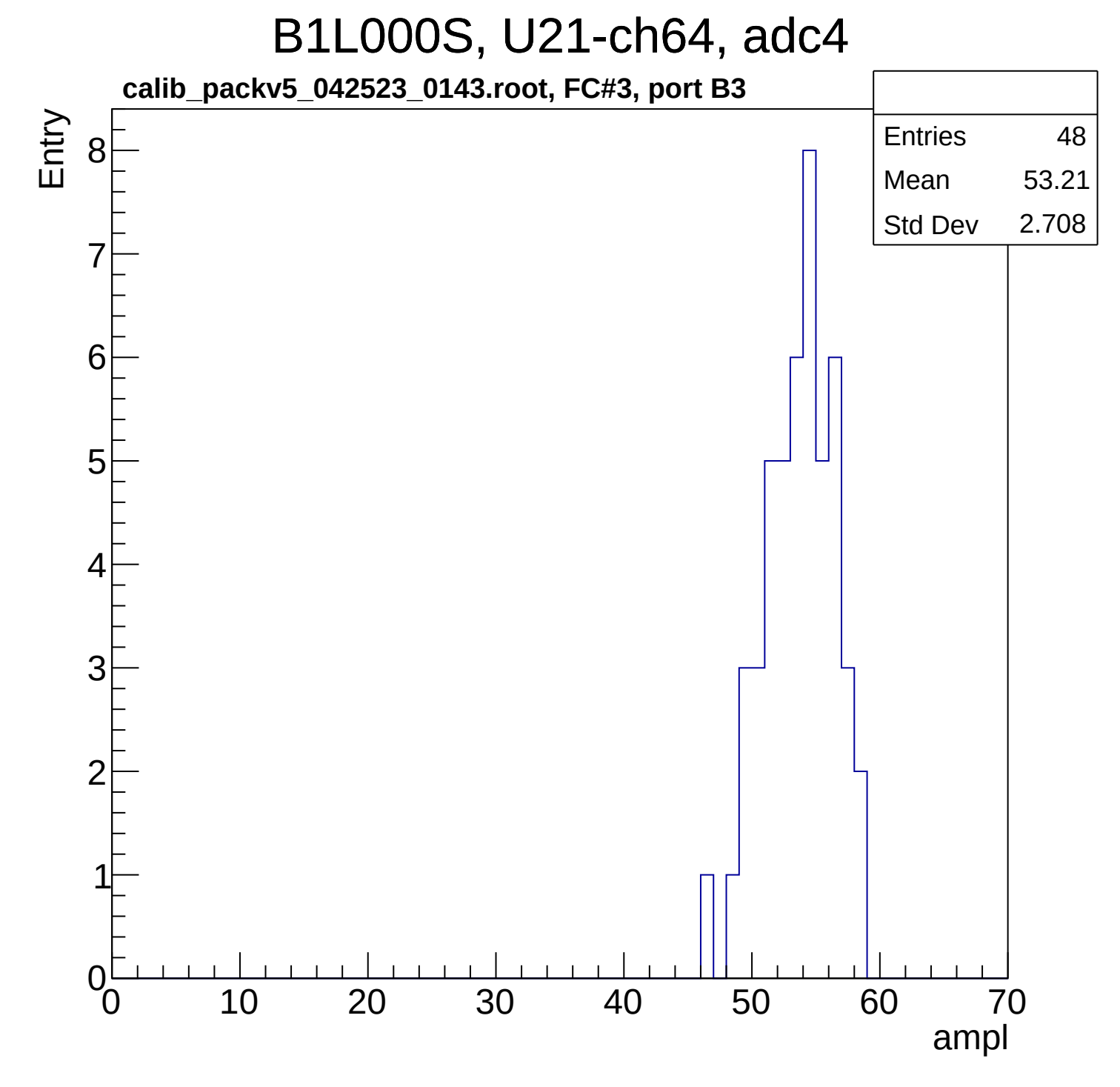

B1L000S, U21-ch63, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

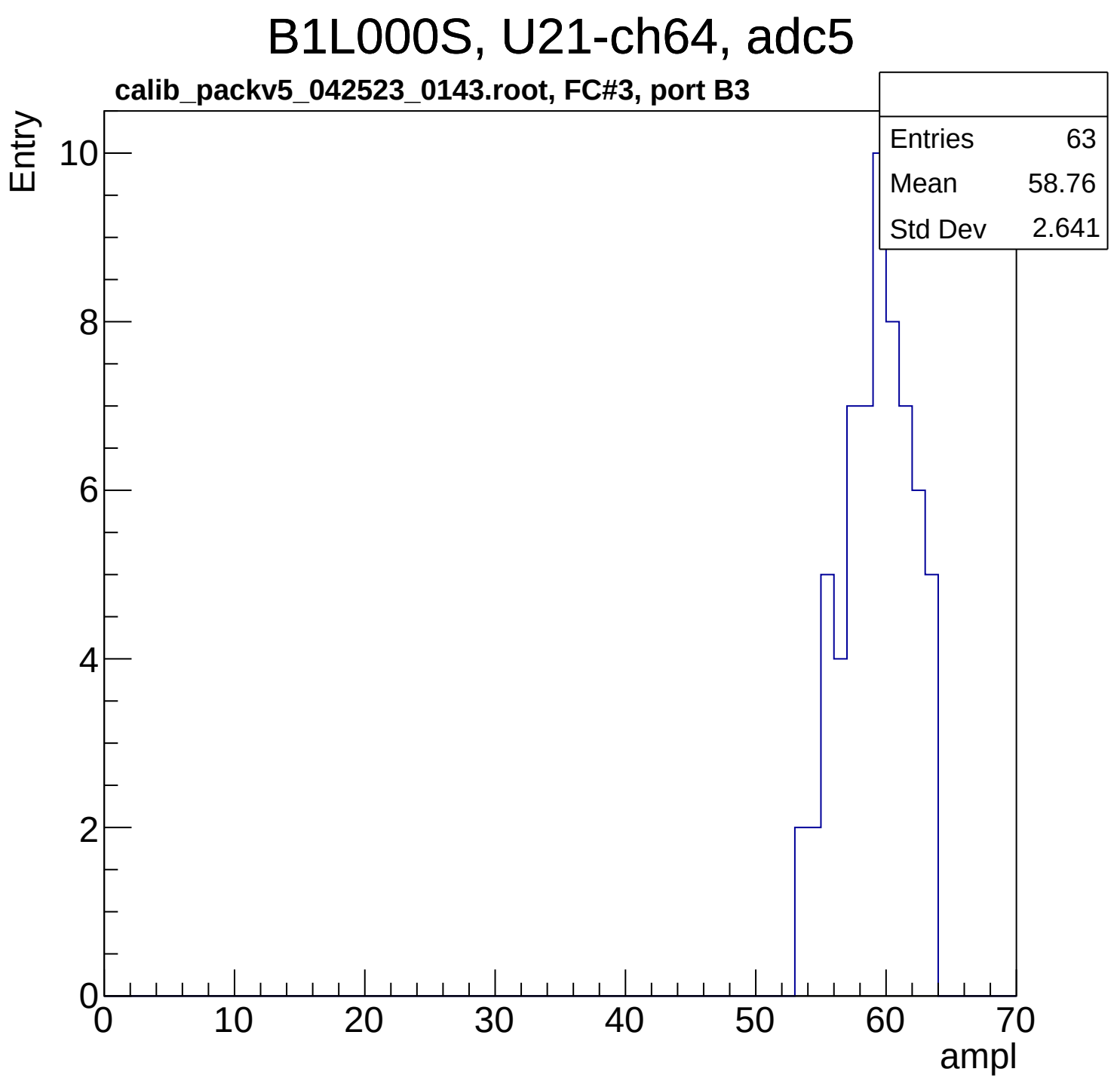

B1L000S, U21-ch64, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 28.85
Std Dev 3.205
Gaus mean : 29.0427
Gaus Width: 3.1430
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

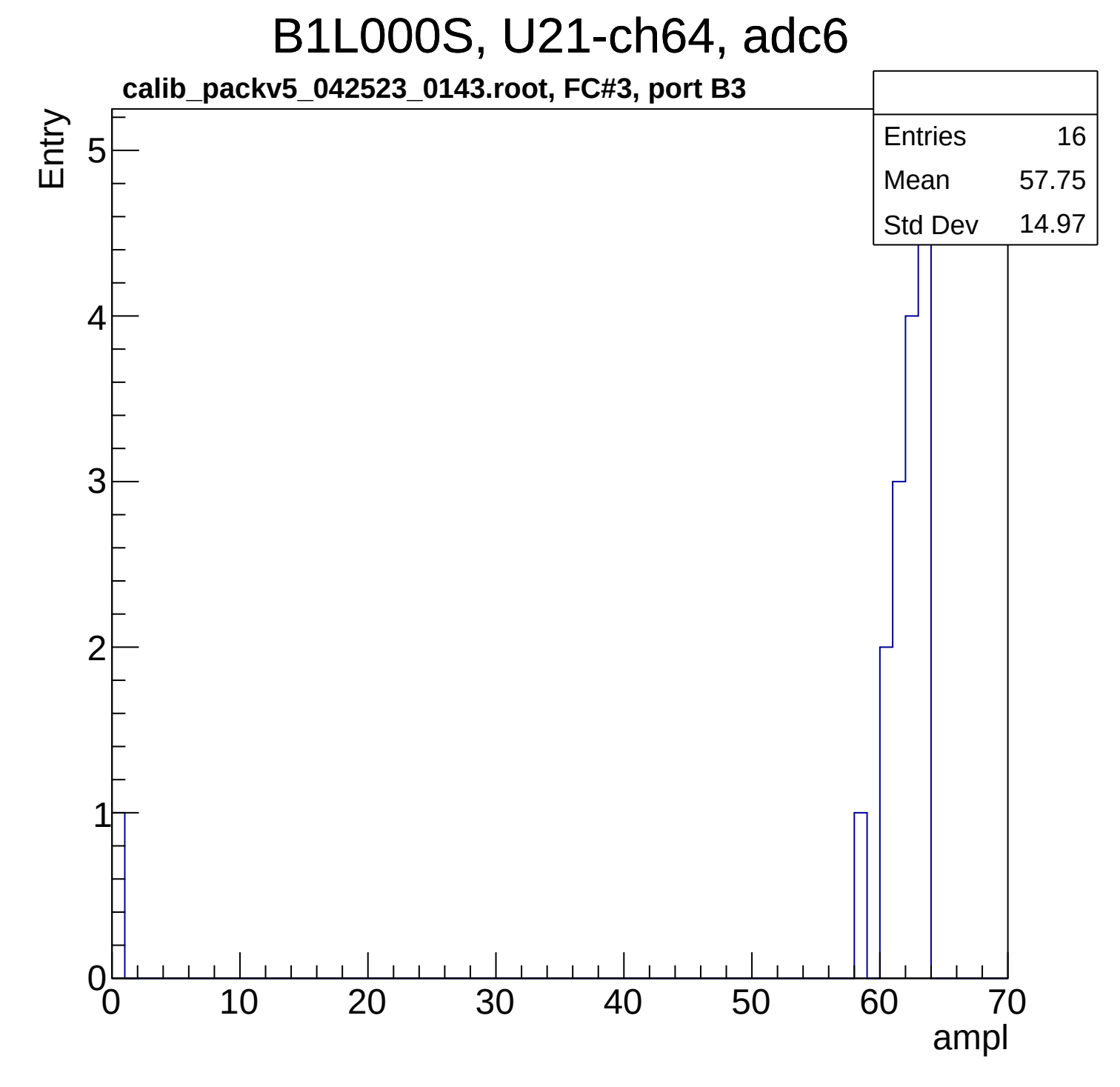

B1L000S, U21-ch64, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 35.56
Std Dev 3.104
Gaus mean : 35.8457
Gaus Width: 3.3482
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

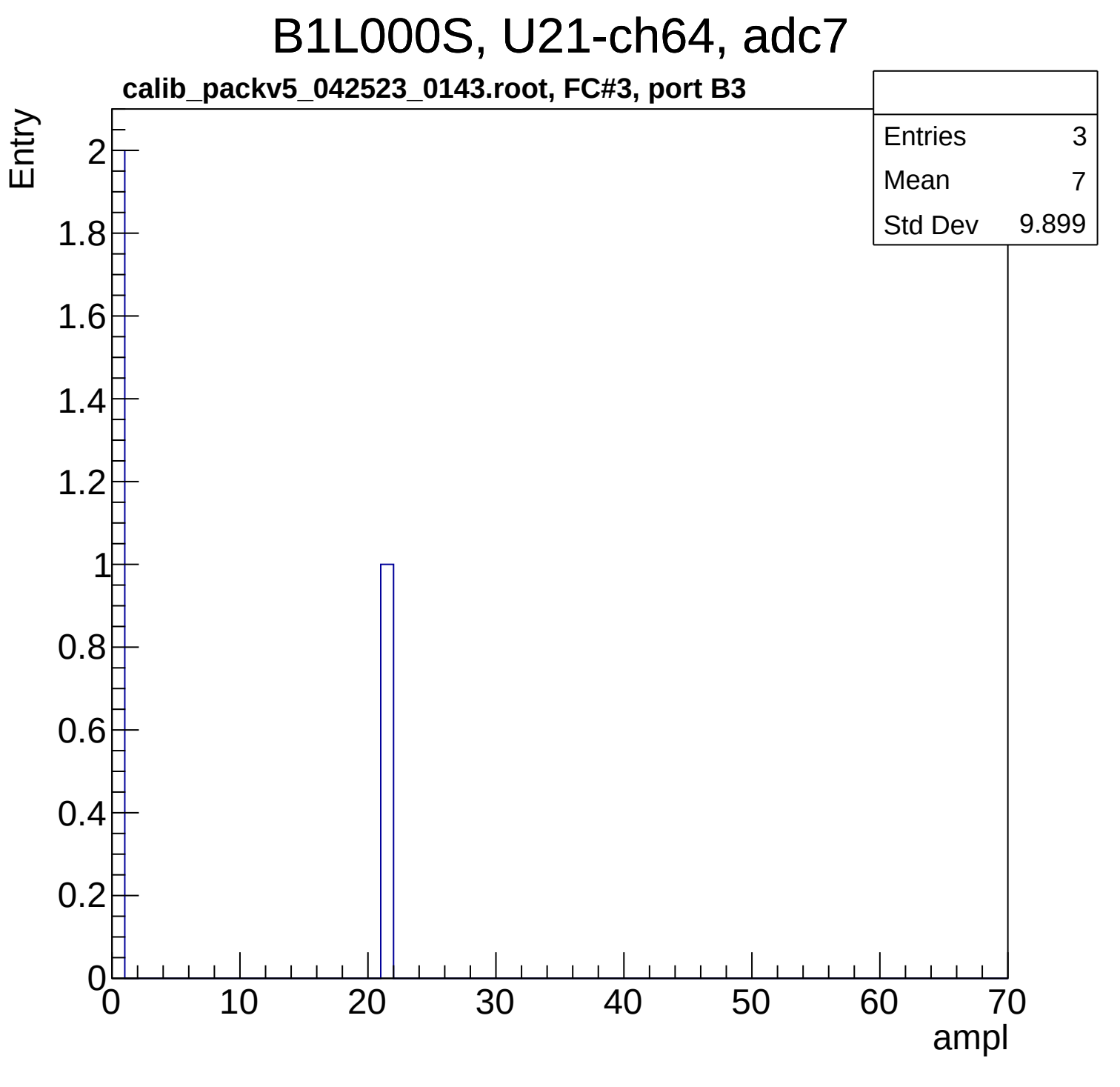

B1L000S, U21-ch64, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 40.76
Std Dev 2.839
Gaus mean : 40.9185
Gaus Width: 3.1128
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

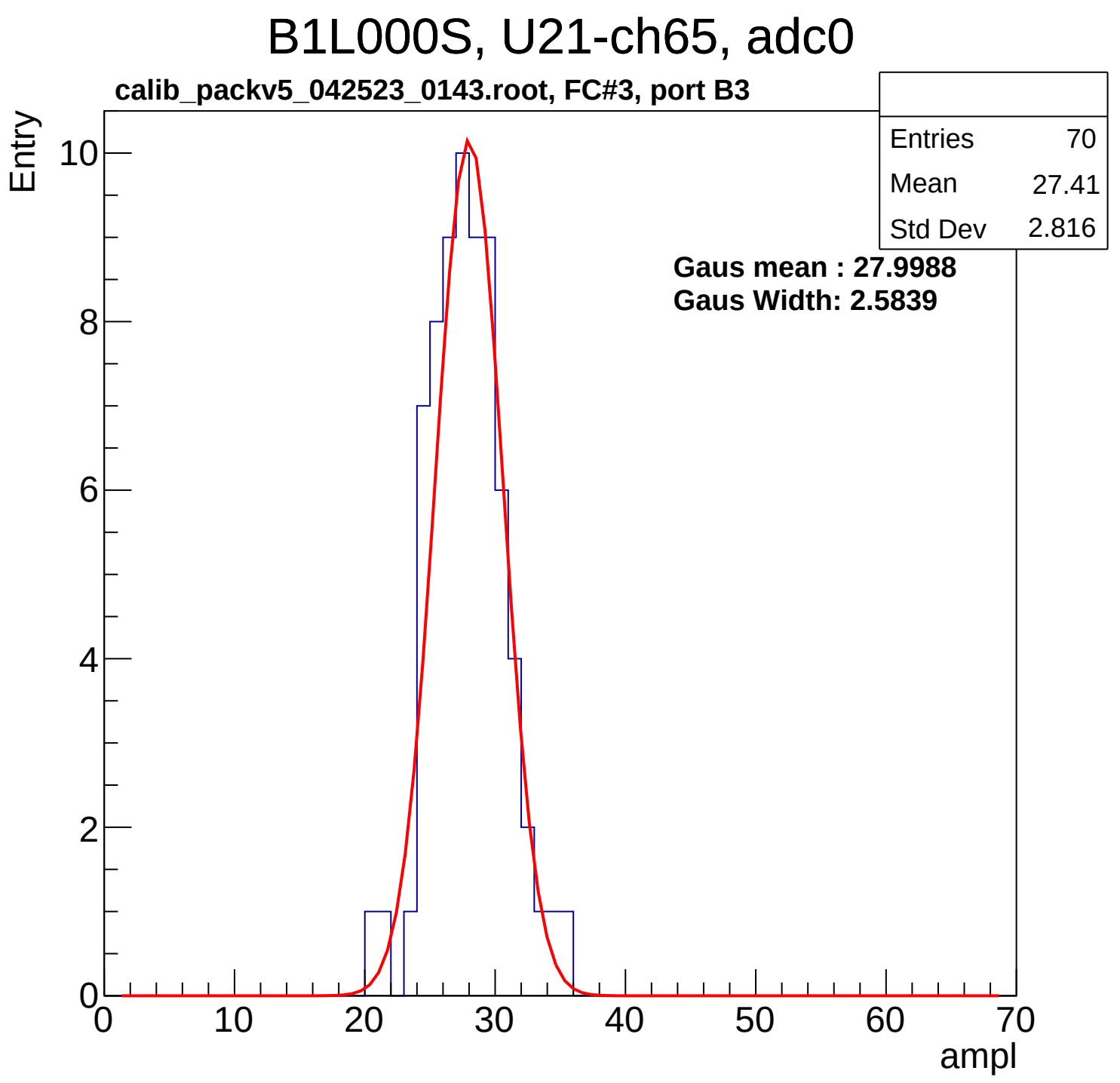

B1L000S, U21-ch64, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 47.13
Std Dev 3.134
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

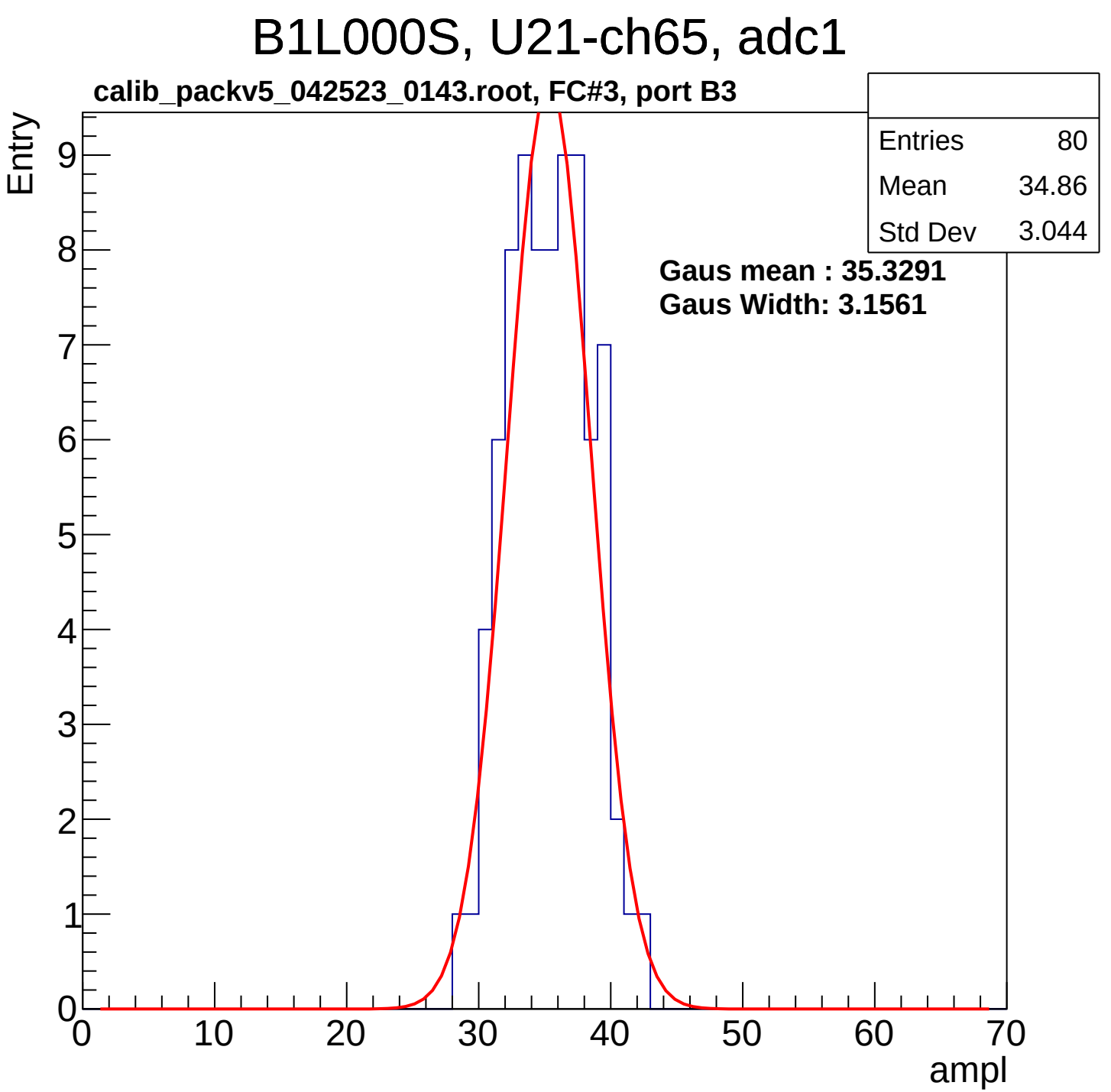

B1L000S, U21-ch64, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 53.21
Std Dev 2.708
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

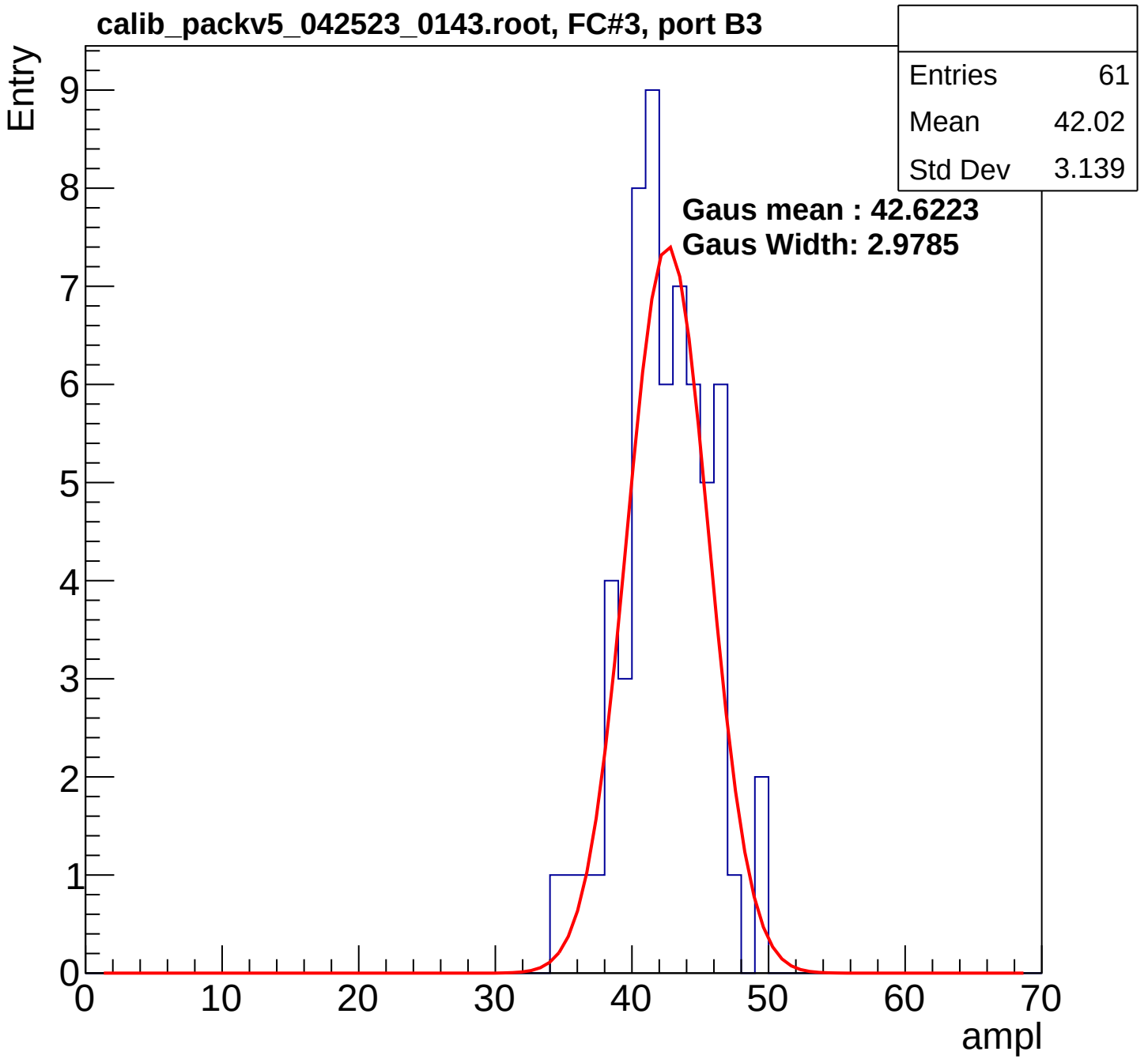

B1L000S, U21-ch64, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 58.76
Std Dev 2.641
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

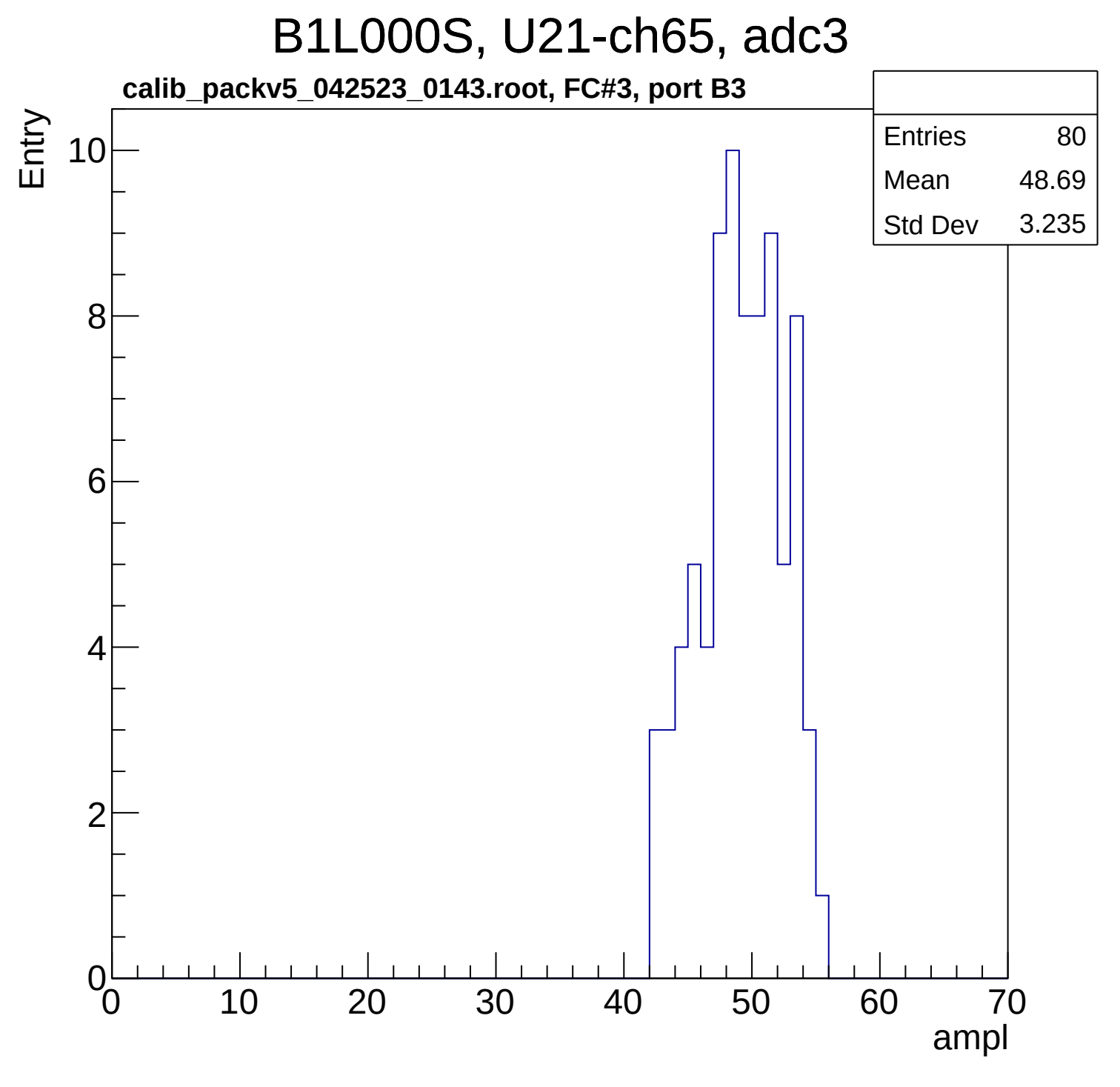

B1L000S, U21-ch64, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 57.75
Std Dev 14.97
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

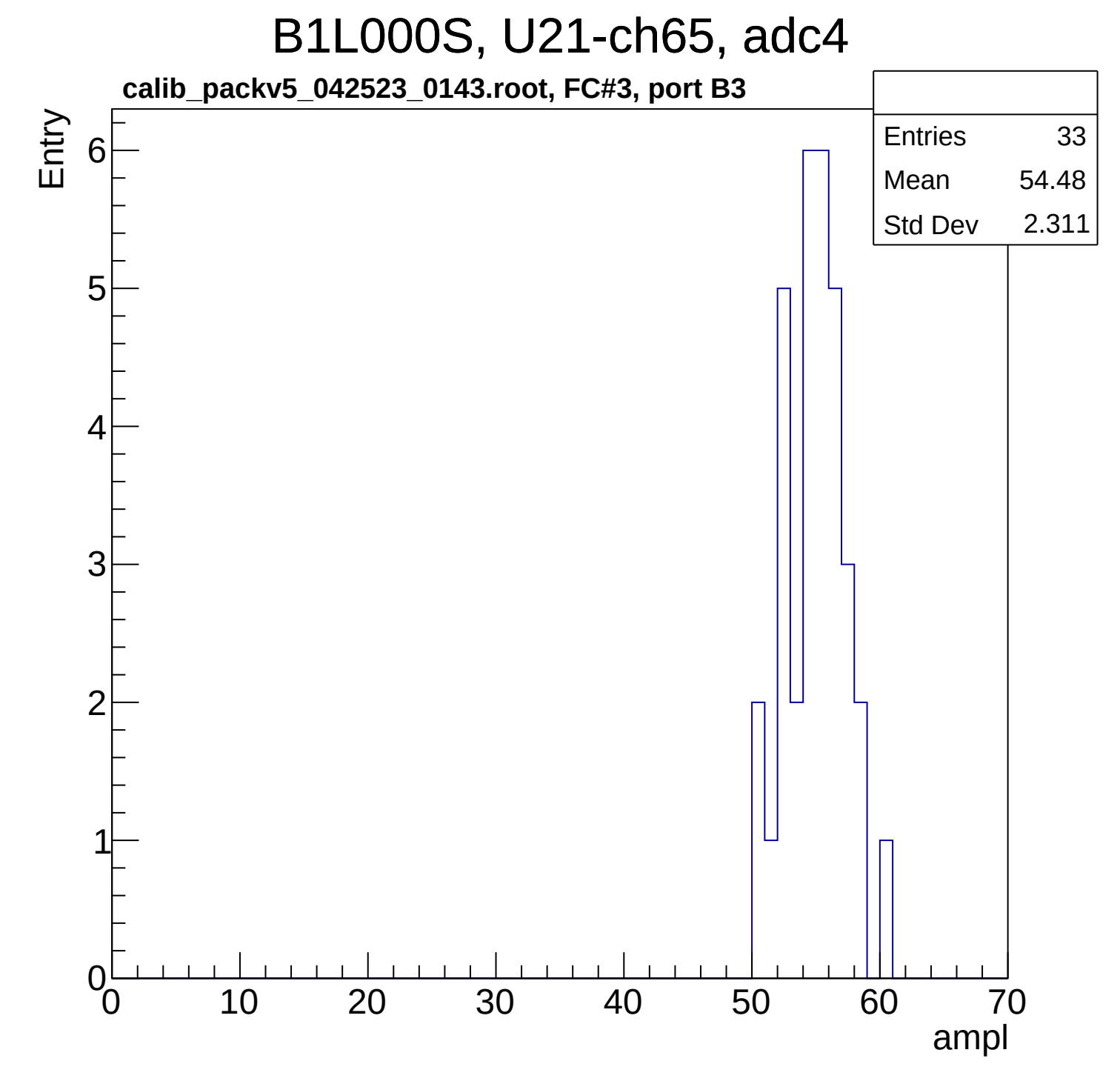

B1L000S, U21-ch64, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 7
Std Dev 9.899
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

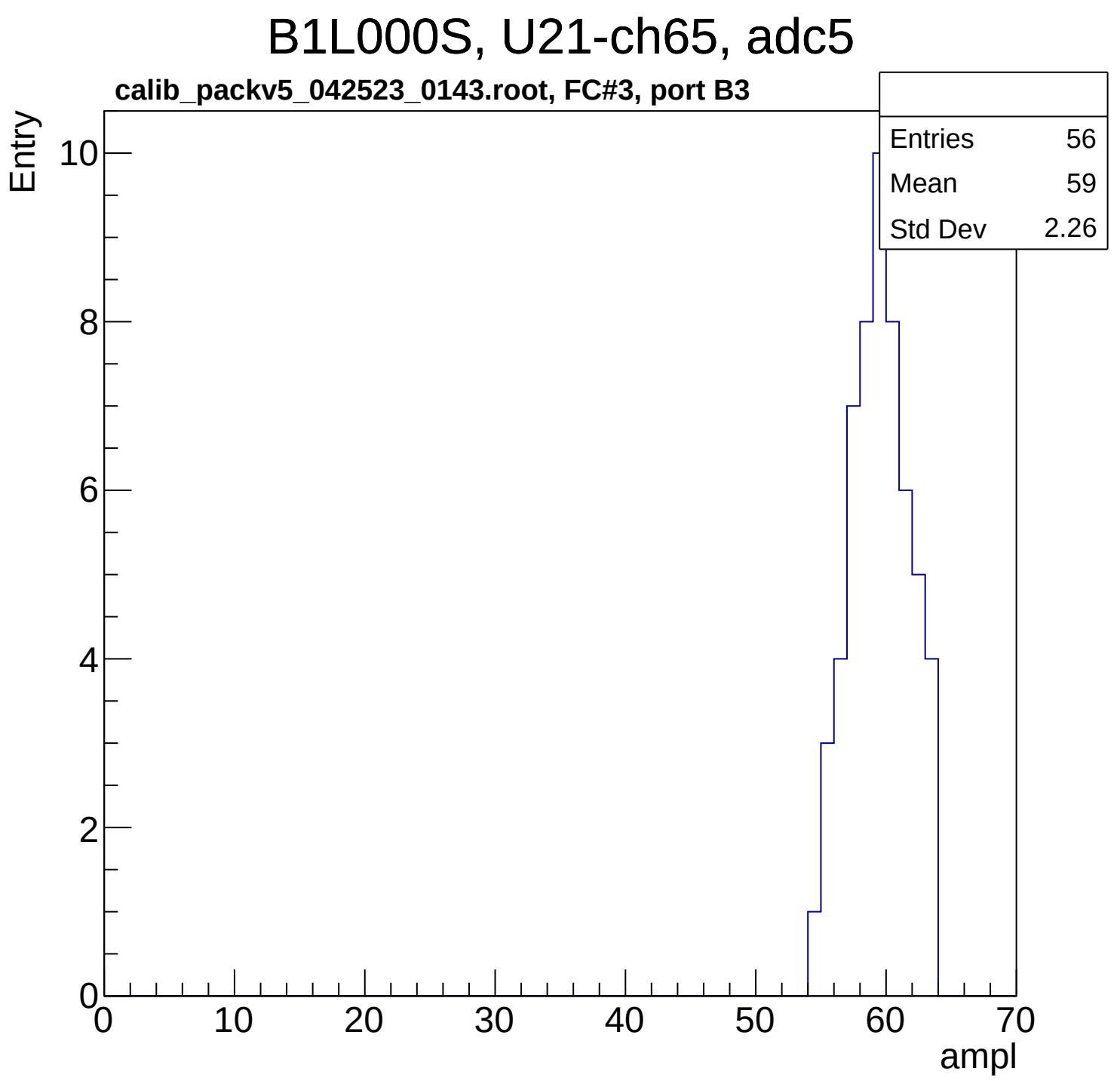

B1L000S, U21-ch65, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 27.41
Std Dev 2.816
Gaus mean : 27.9988
Gaus Width: 2.5839
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

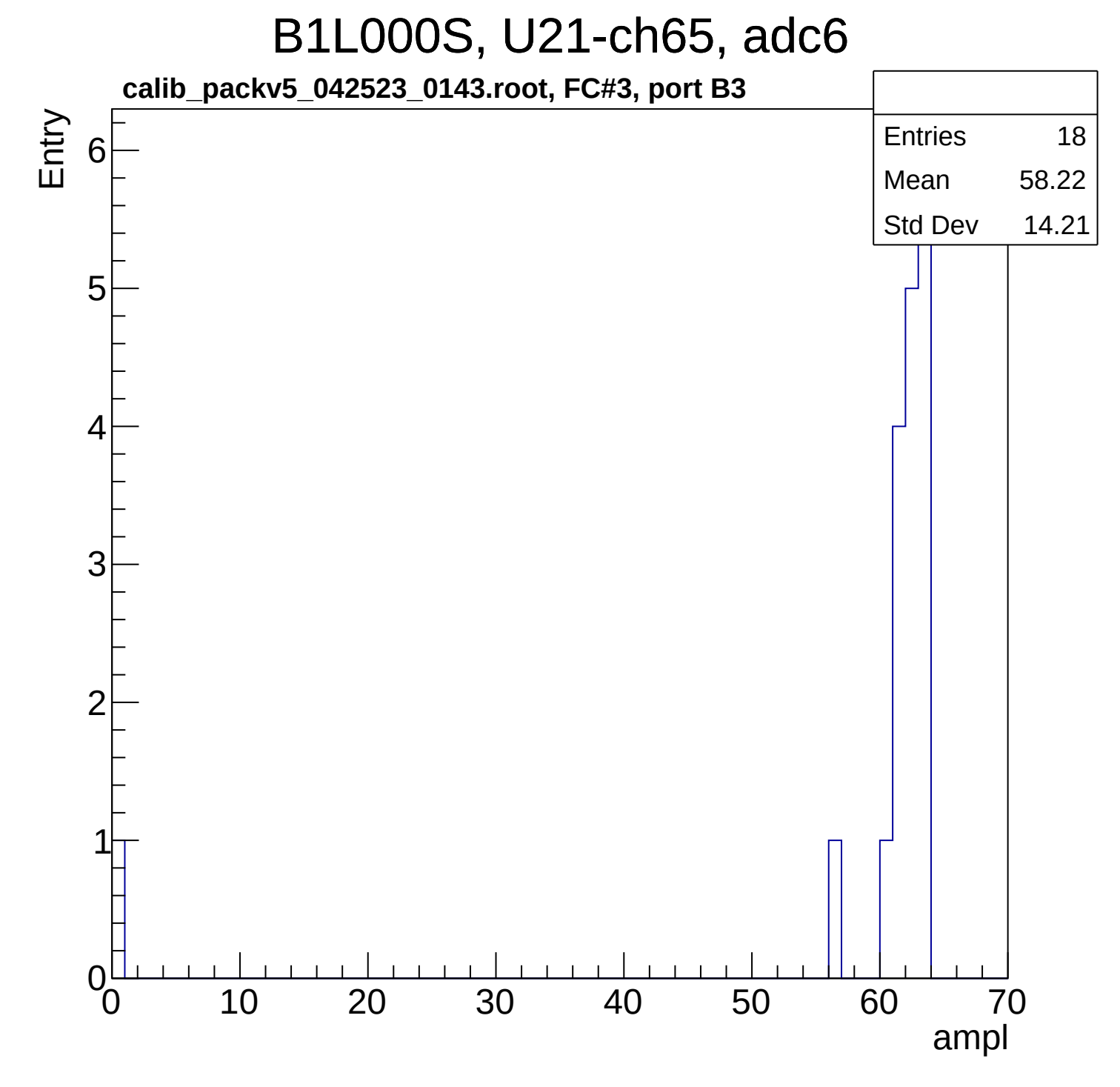

B1L000S, U21-ch65, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 80
Mean 34.86
Std Dev 3.044
Gaus mean : 35.3291
Gaus Width: 3.1561
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

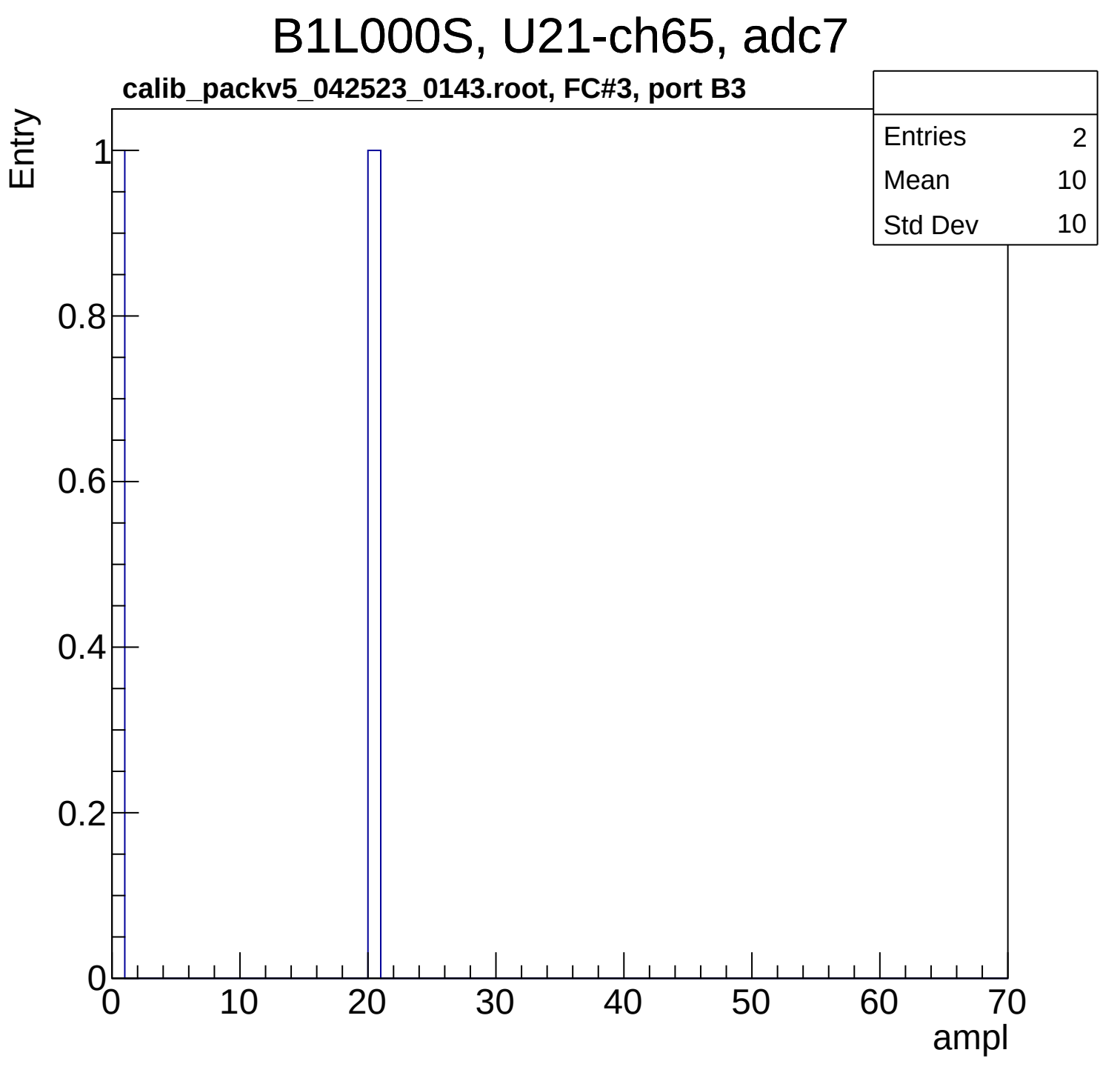

B1L000S, U21-ch65, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 42.02
Std Dev 3.139
Gaus mean : 42.6223
Gaus Width: 2.9785
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

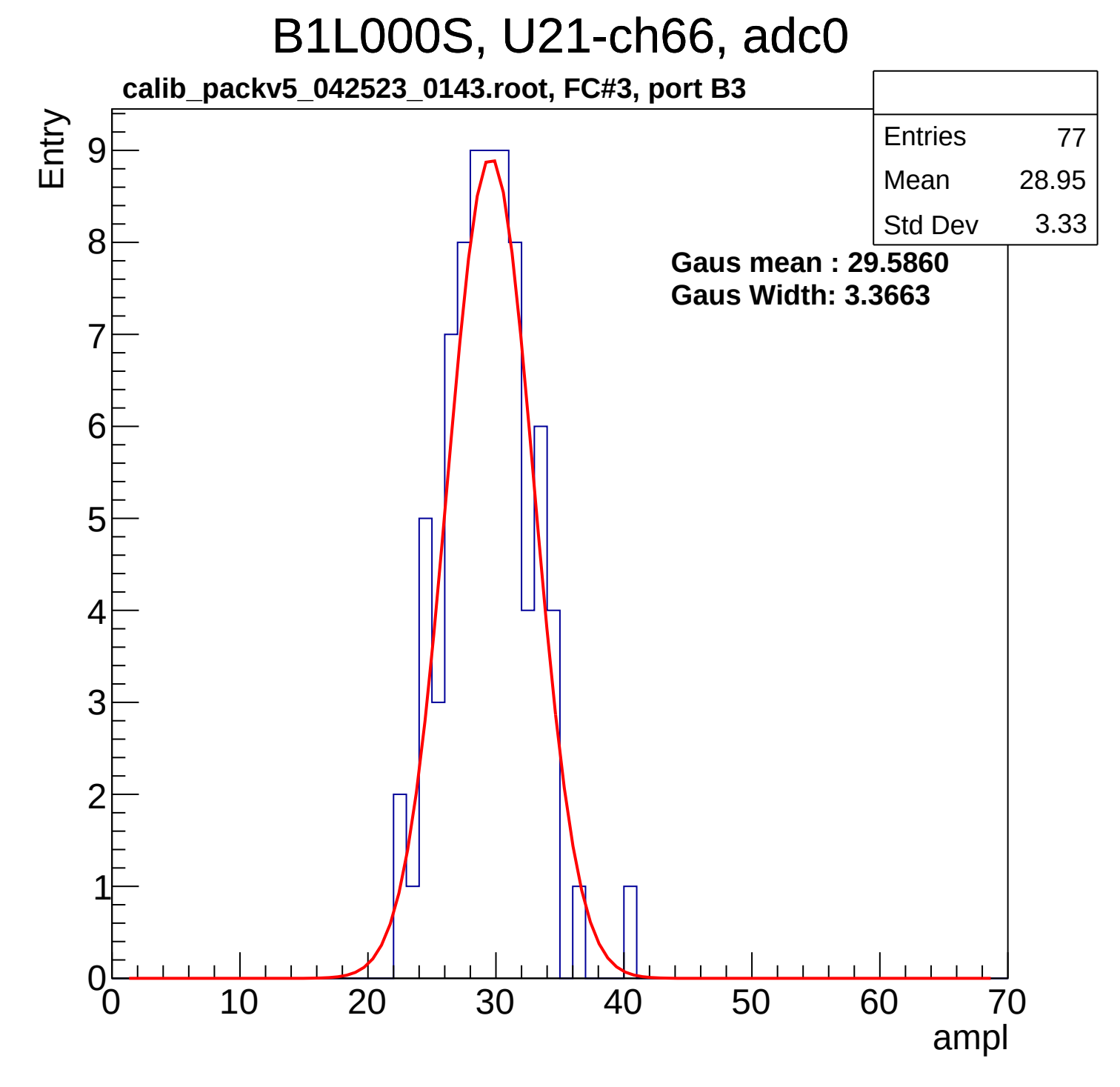

B1L000S, U21-ch65, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 80
Mean 48.69
Std Dev 3.235
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

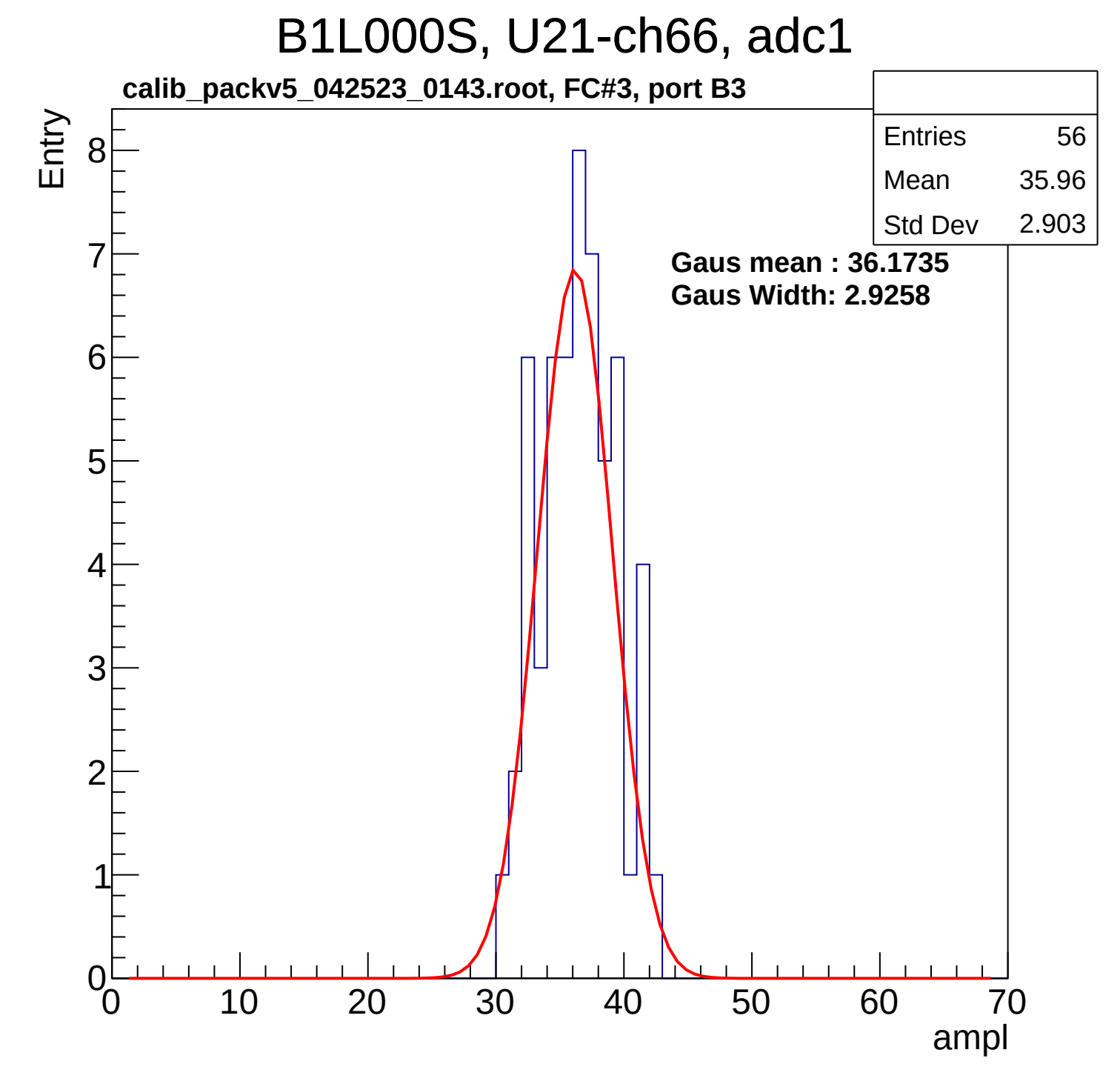

B1L000S, U21-ch65, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 33
Mean 54.48
Std Dev 2.311
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

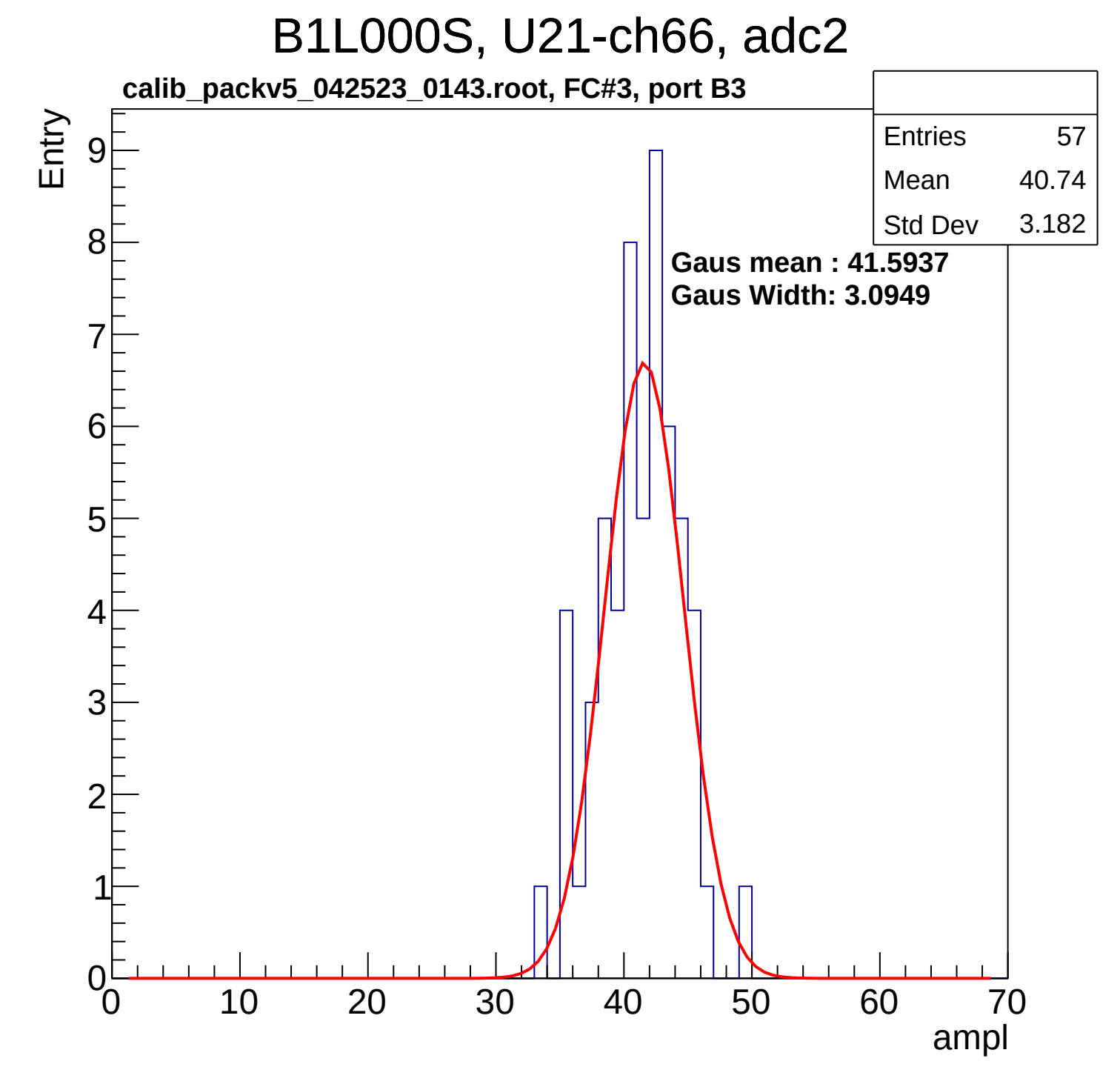

B1L000S, U21-ch65, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 59
Std Dev 2.26
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

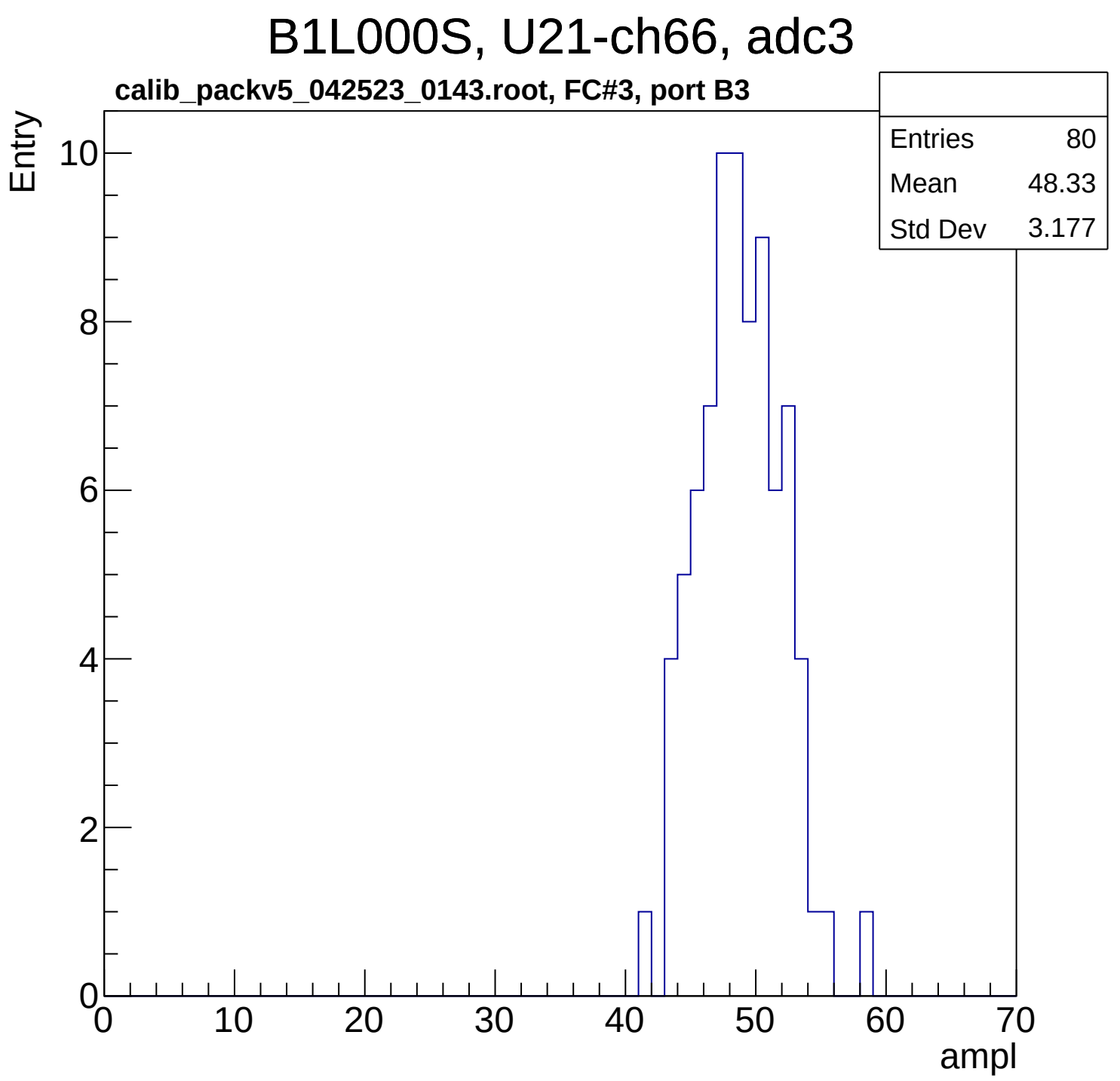

B1L000S, U21-ch65, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 18
Mean 58.22
Std Dev 14.21
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

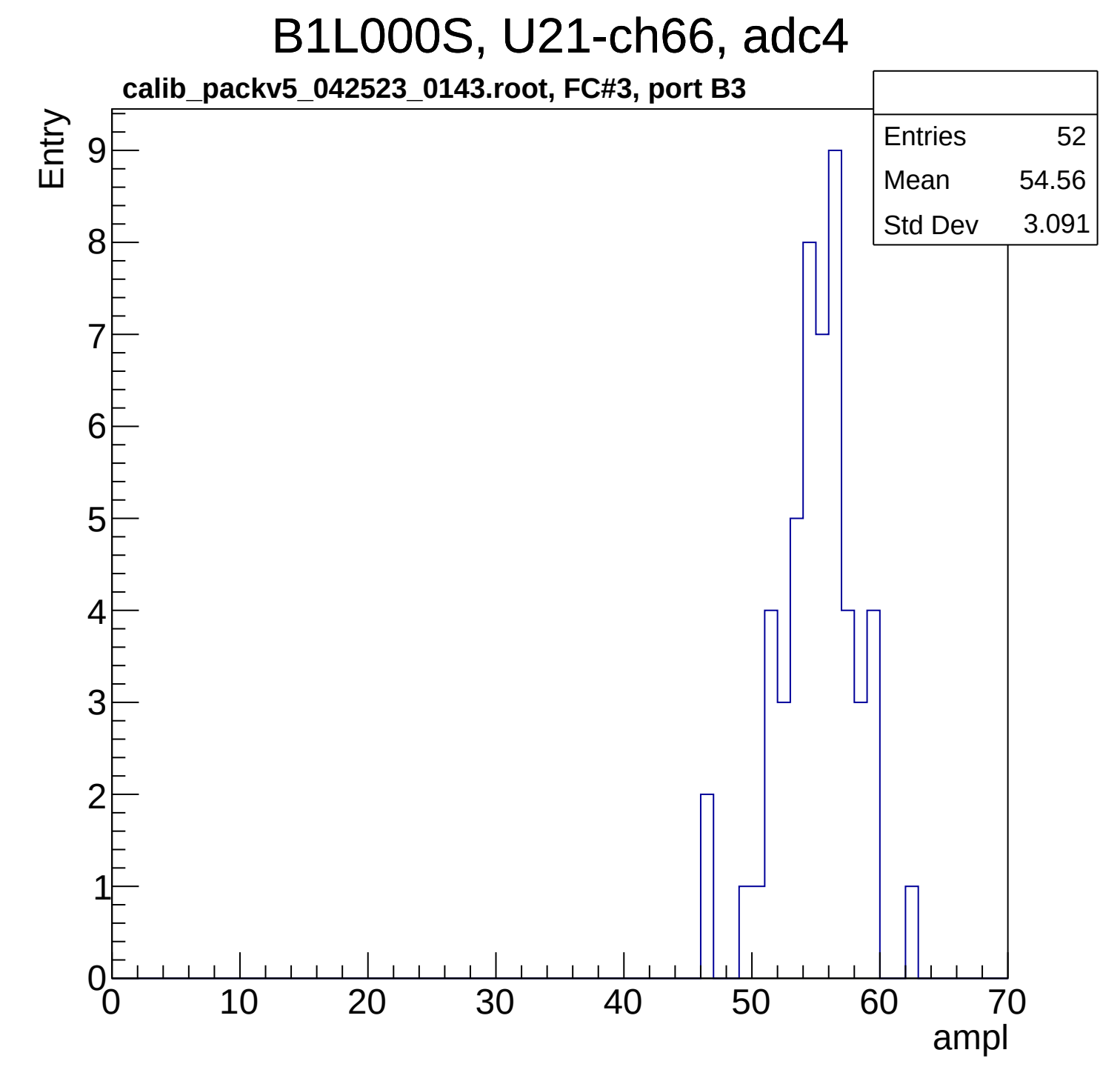

B1L000S, U21-ch65, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 10
Std Dev 10
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

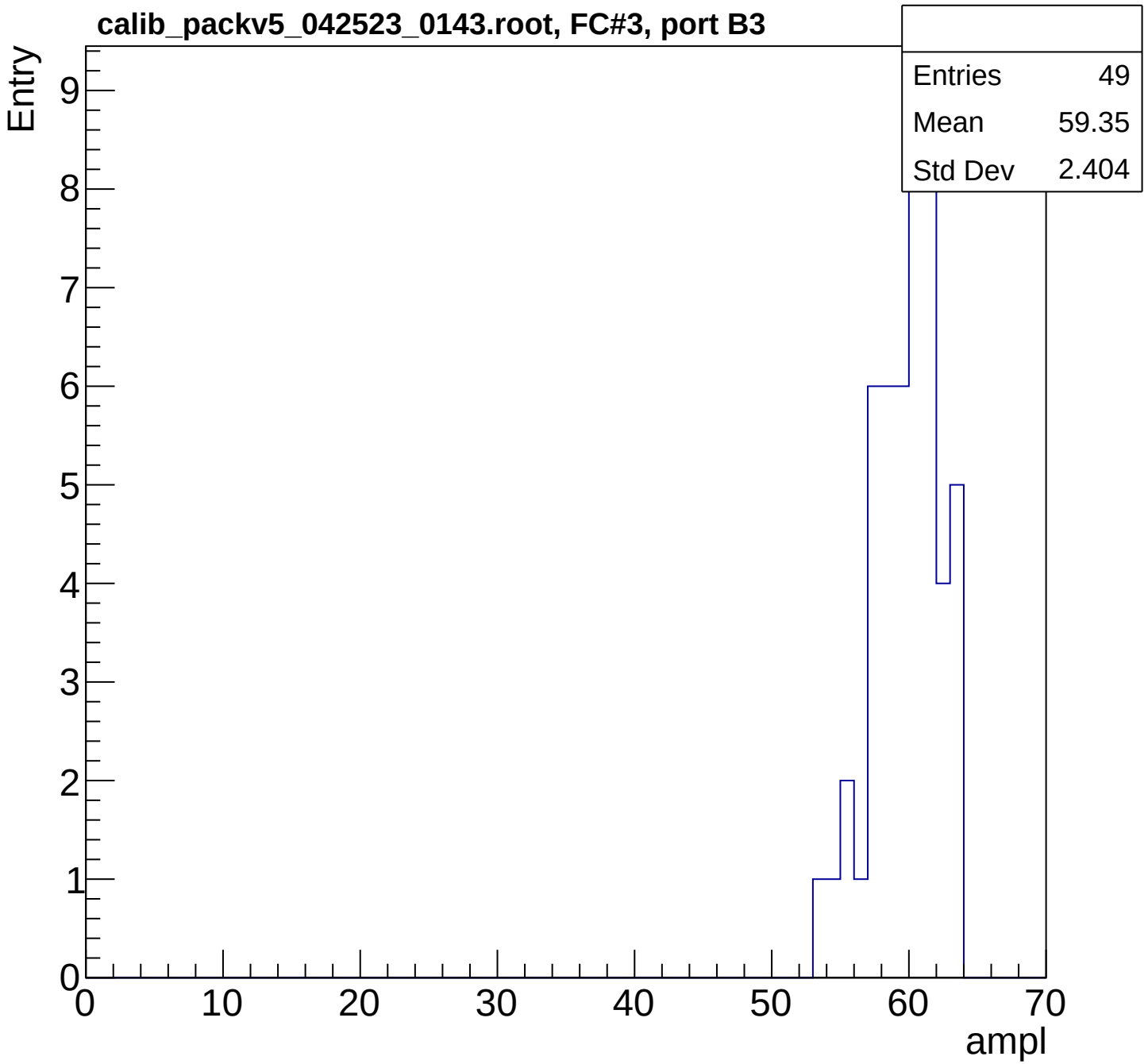

B1L000S, U21-ch66, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 28.95
Std Dev 3.33
Gaus mean : 29.5860
Gaus Width: 3.3663
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

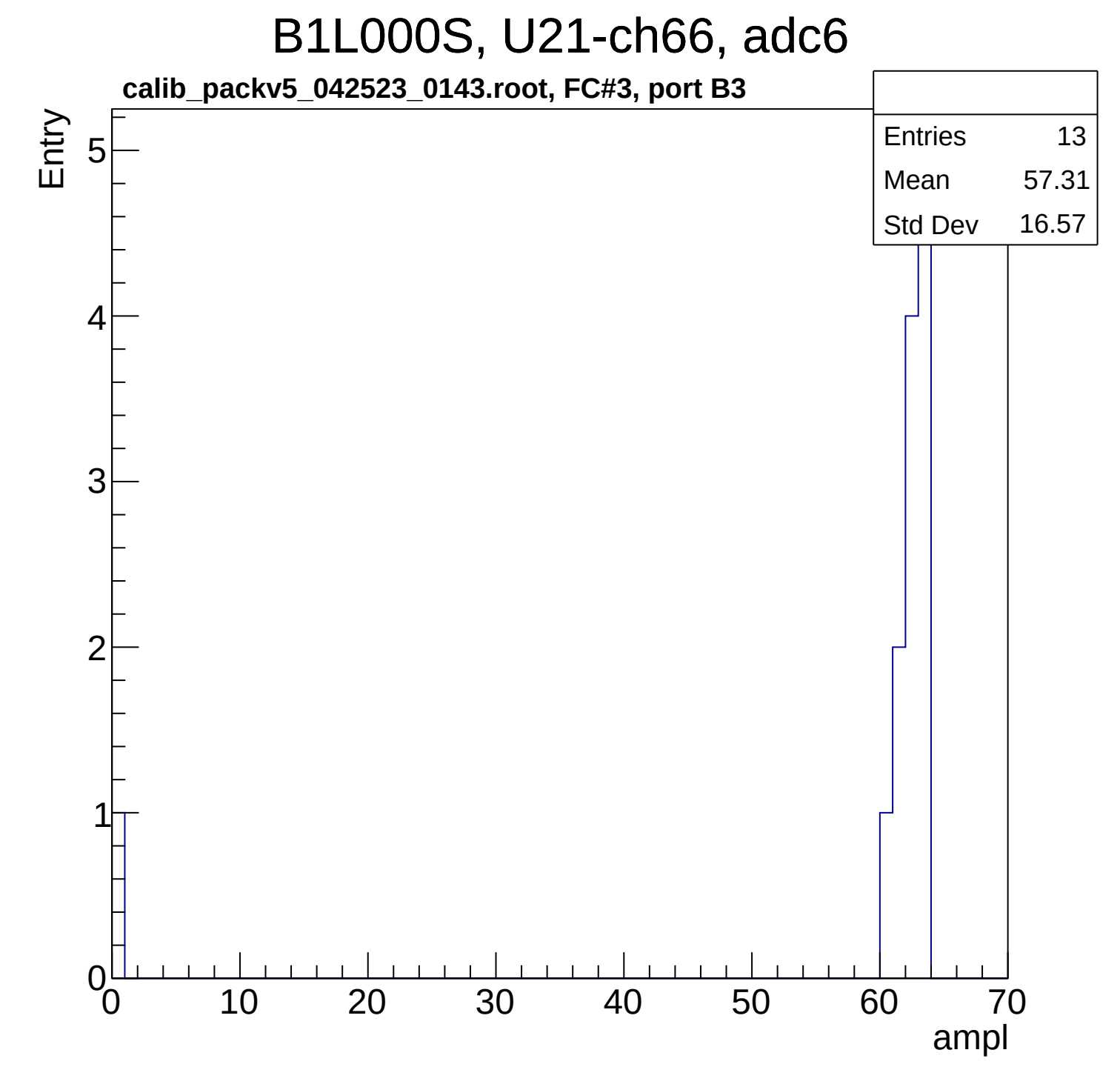

B1L000S, U21-ch66, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 35.96
Std Dev 2.903
Gaus mean : 36.1735
Gaus Width: 2.9258
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

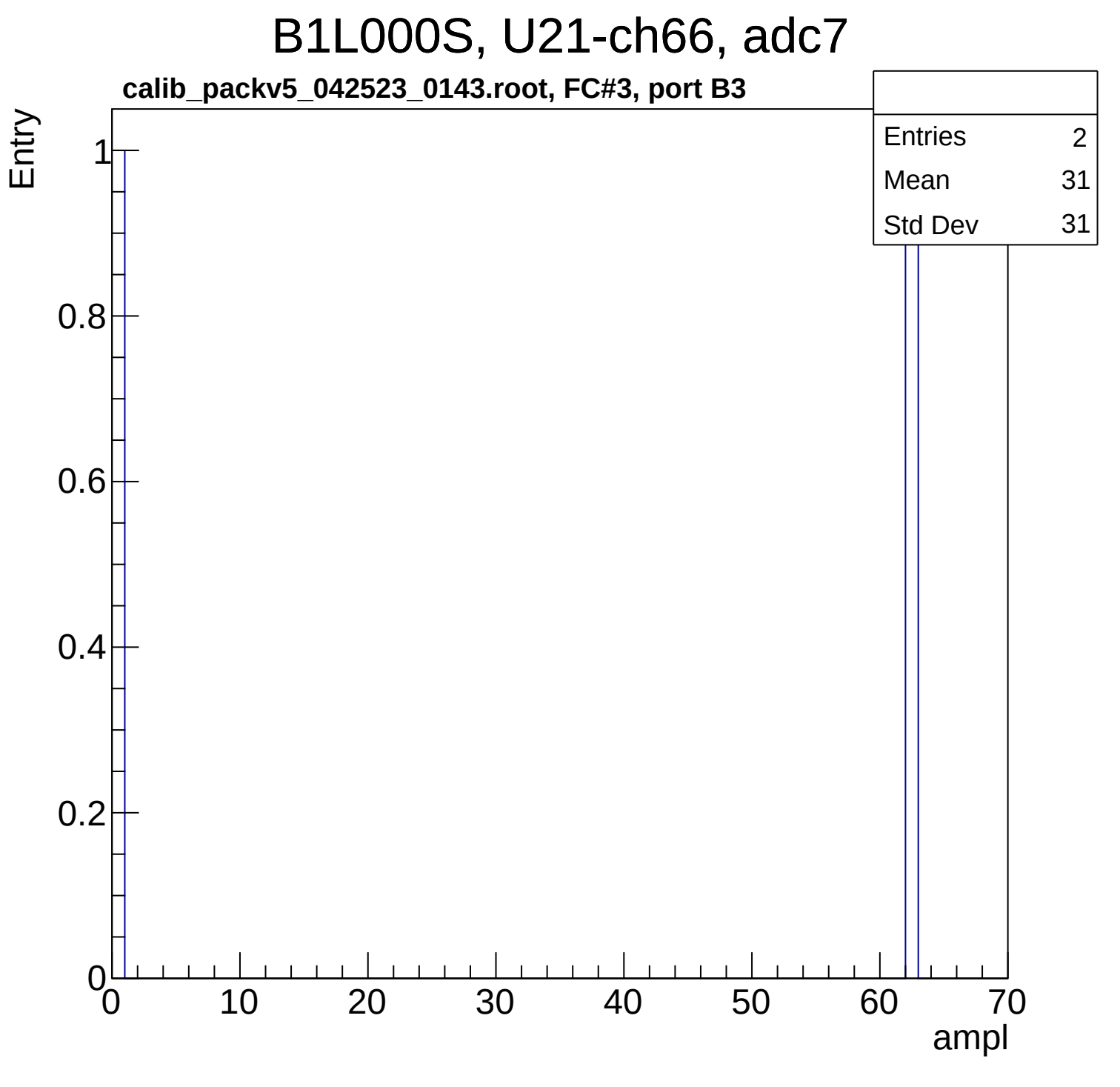

B1L000S, U21-ch66, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 40.74
Std Dev 3.182
Gaus mean : 41.5937
Gaus Width: 3.0949
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

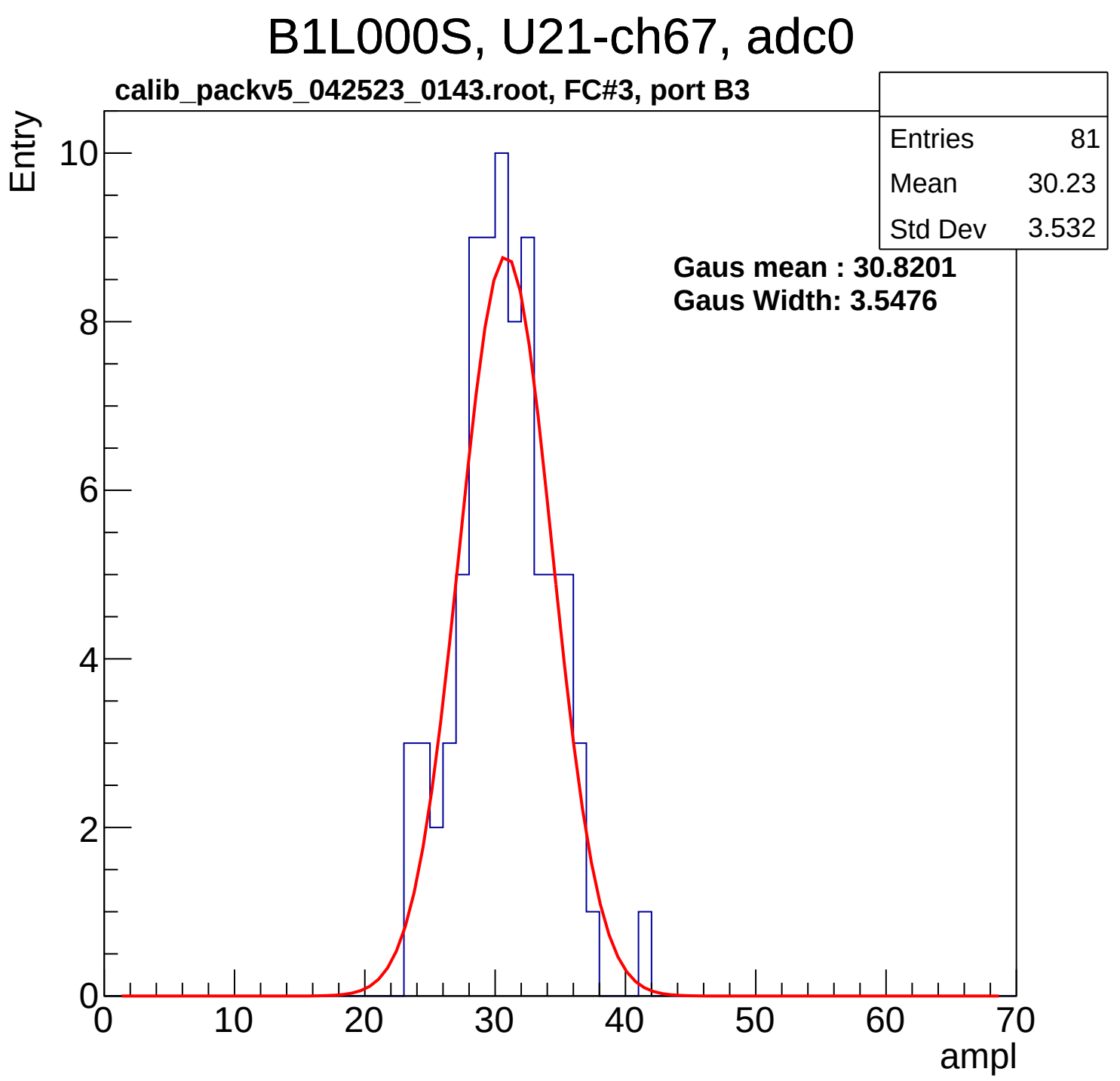

B1L000S, U21-ch66, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 80
Mean 48.33
Std Dev 3.177
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

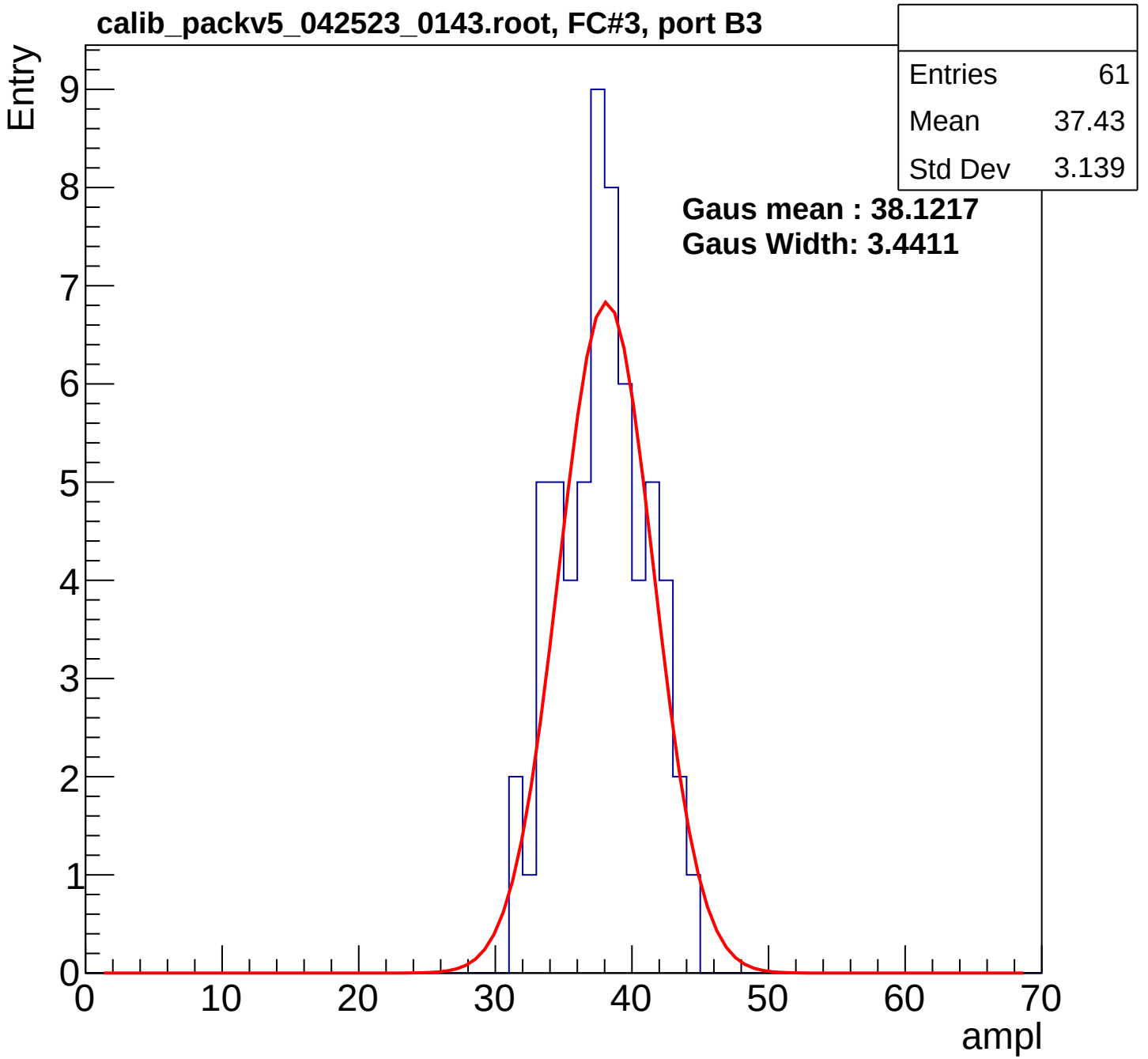

B1L000S, U21-ch66, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 54.56
Std Dev 3.091
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

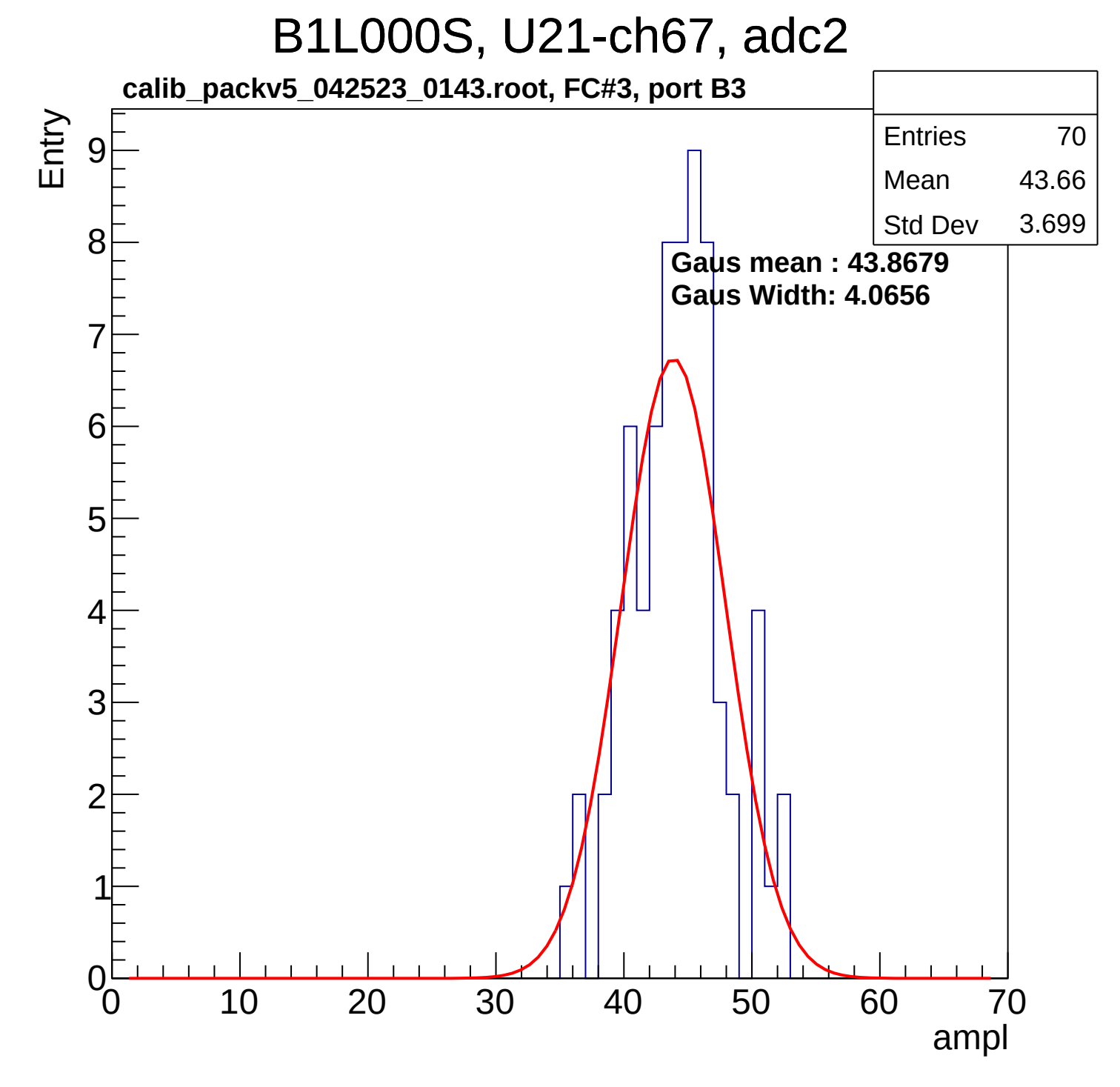

B1L000S, U21-ch66, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 59.35
Std Dev 2.404
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

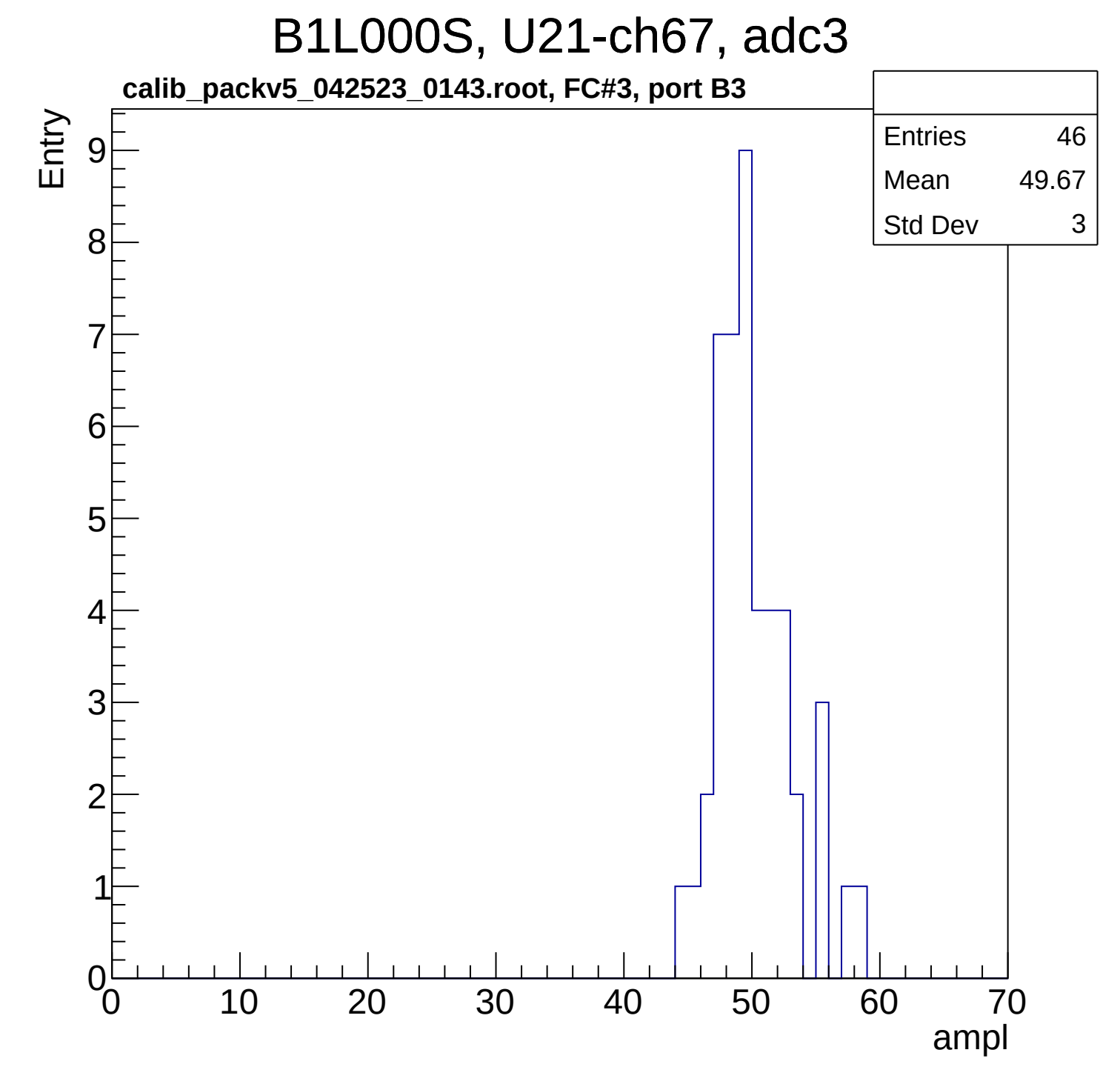

B1L000S, U21-ch66, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 57.31
Std Dev 16.57
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

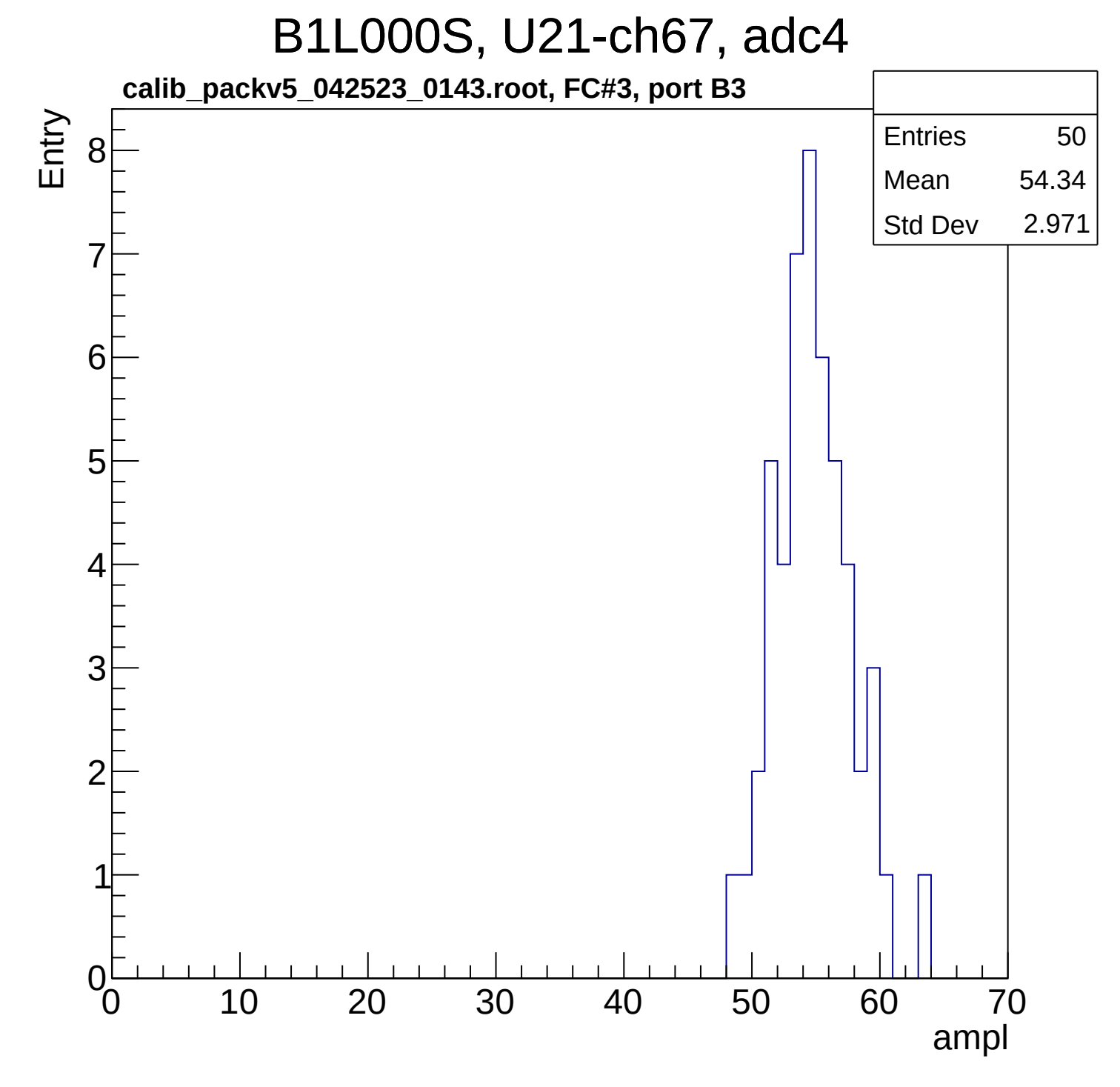

B1L000S, U21-ch66, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 31
Std Dev 31
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

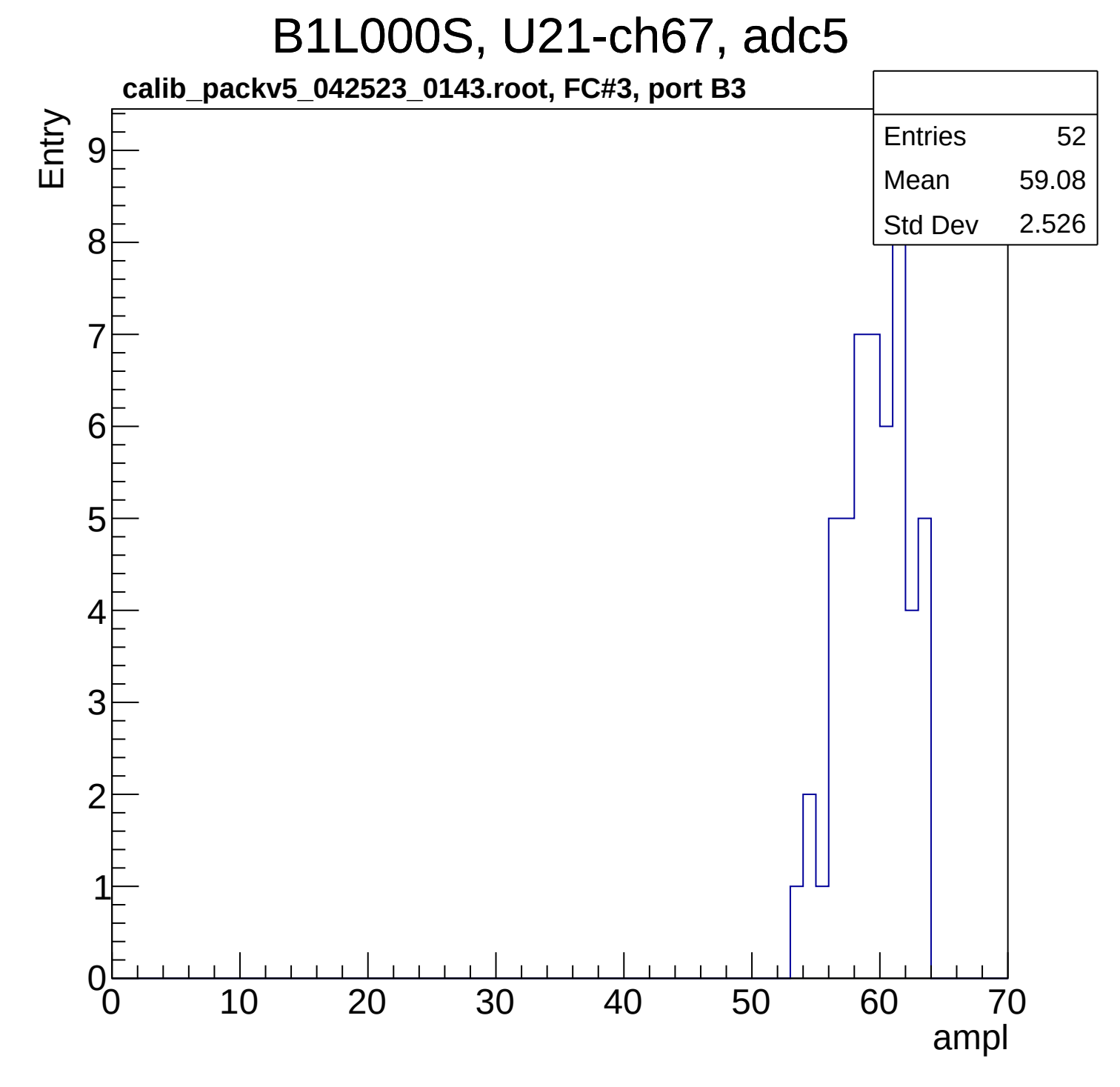

B1L000S, U21-ch67, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 81
Mean 30.23
Std Dev 3.532
Gaus mean : 30.8201
Gaus Width: 3.5476
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

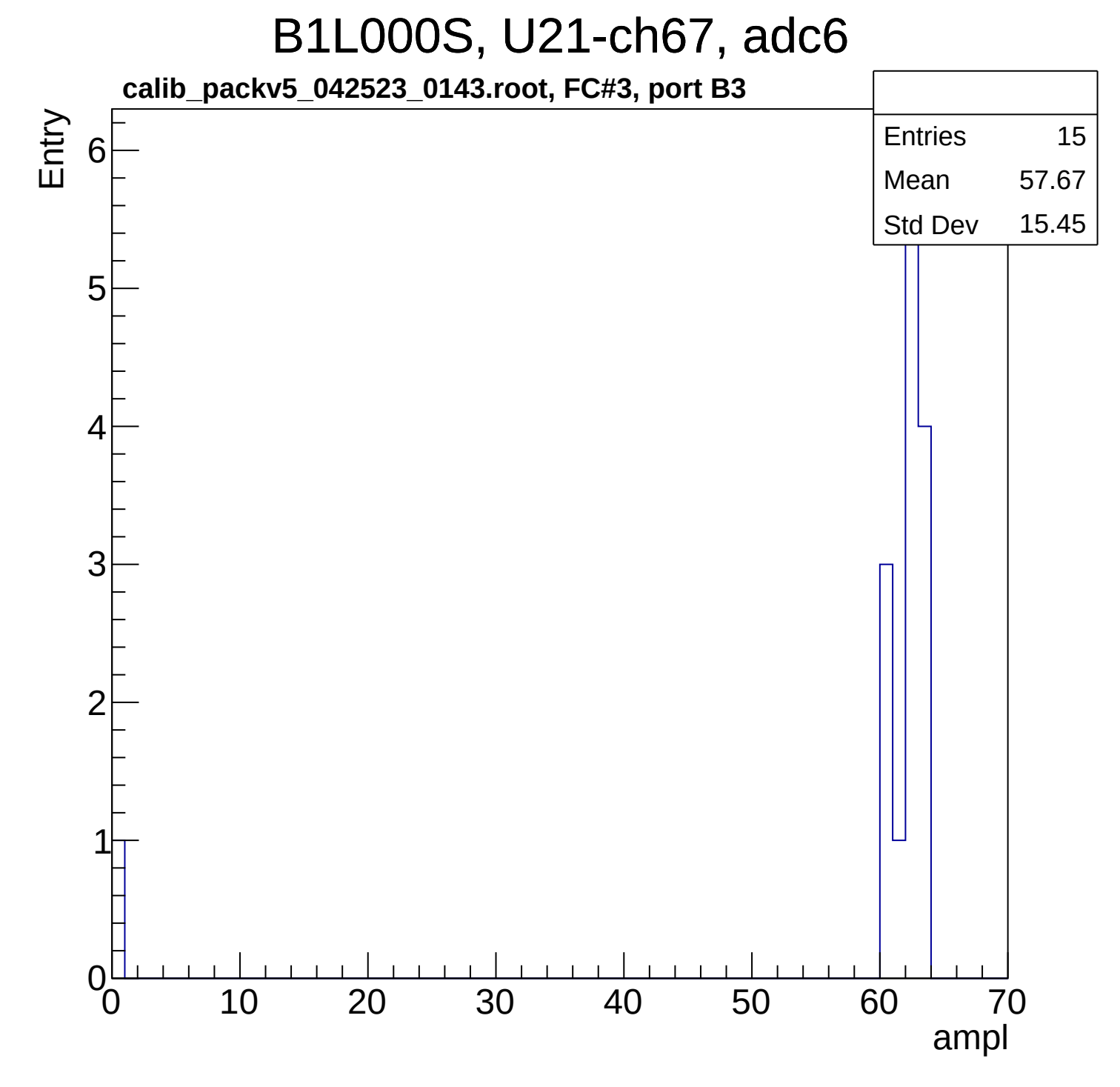

B1L000S, U21-ch67, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 37.43
Std Dev 3.139
Gaus mean : 38.1217
Gaus Width: 3.4411
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

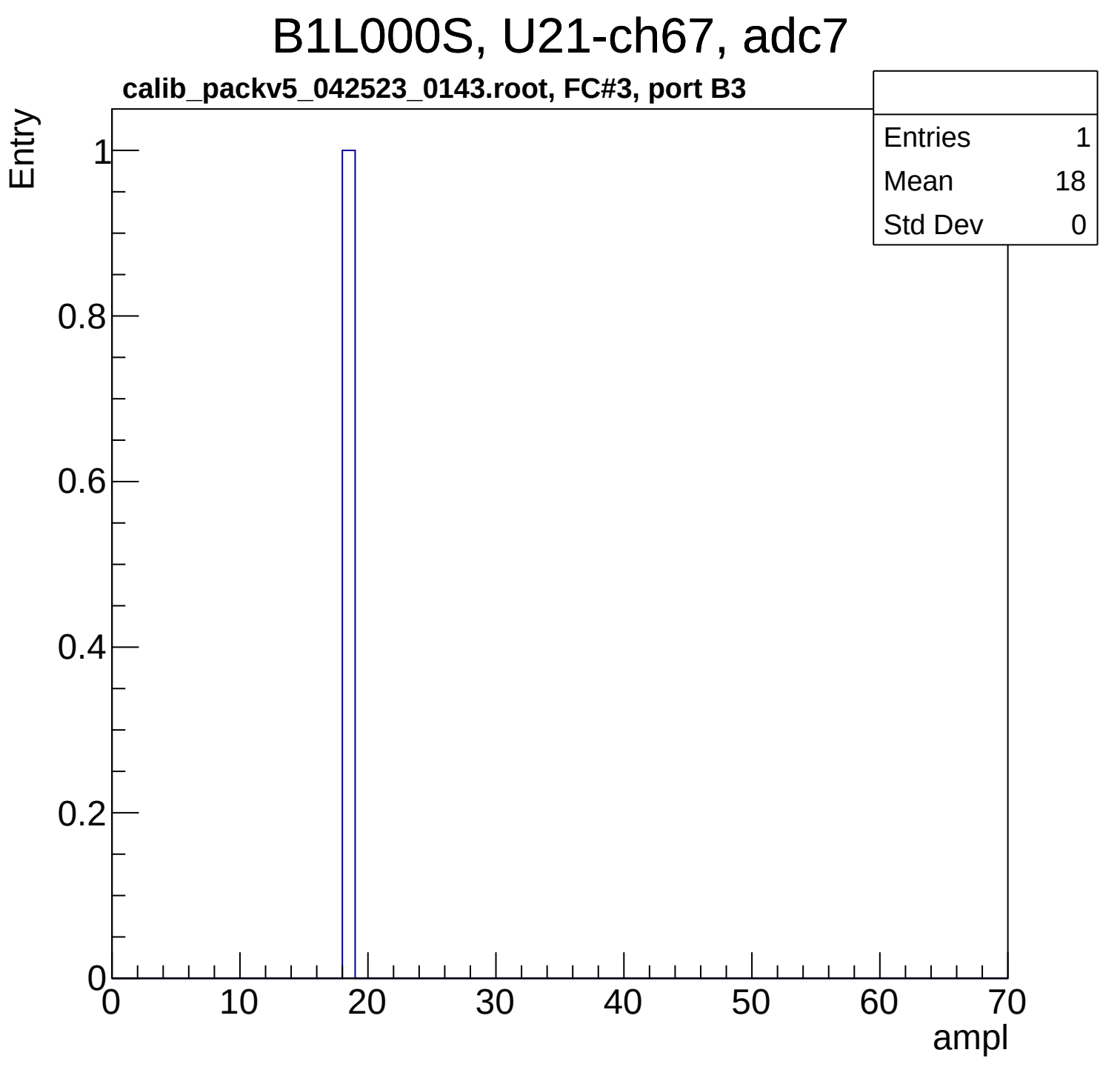

B1L000S, U21-ch67, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 43.66
Std Dev 3.699
Gaus mean : 43.8679
Gaus Width: 4.0656
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

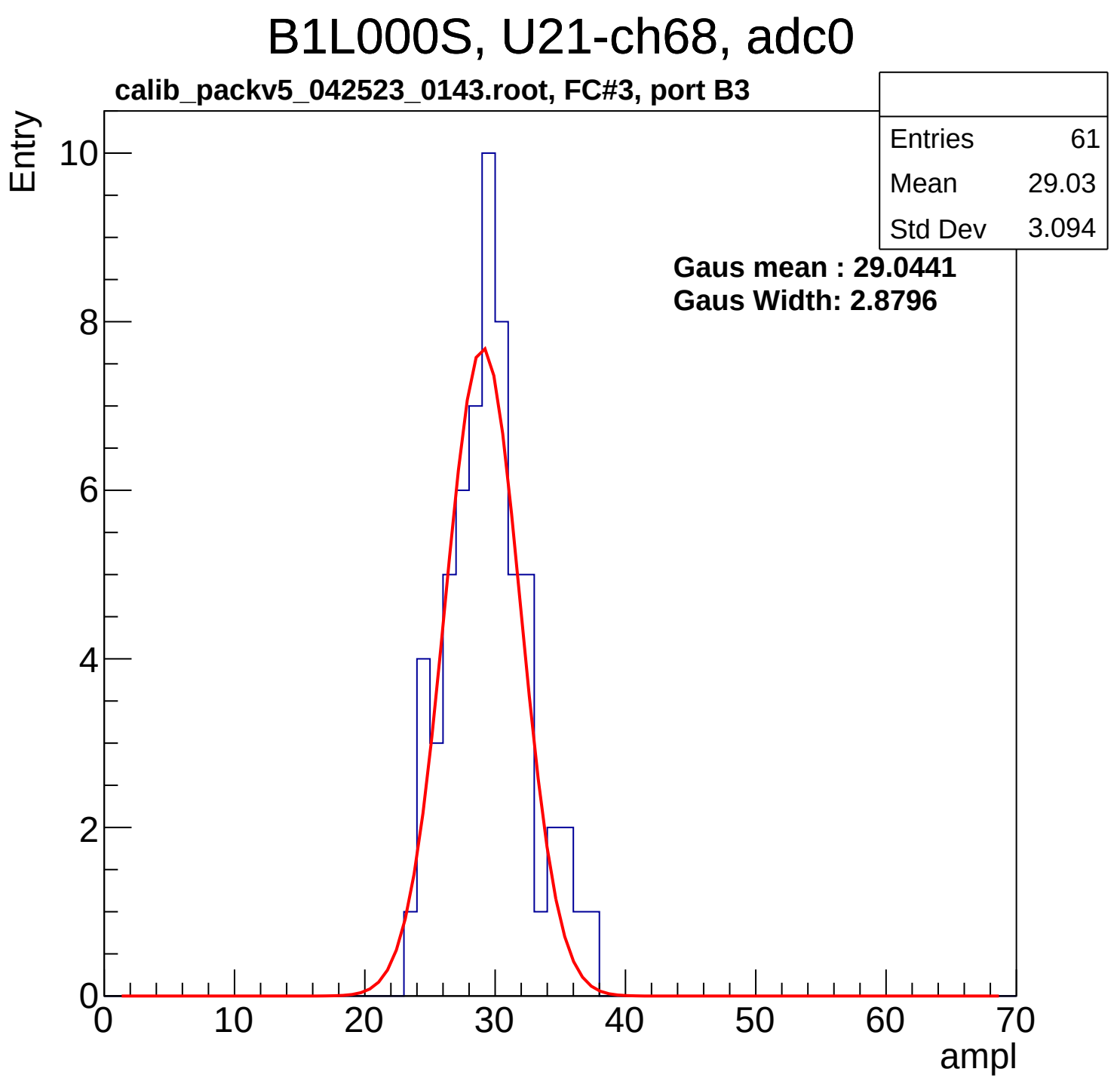

B1L000S, U21-ch67, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 49.67
Std Dev 3
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

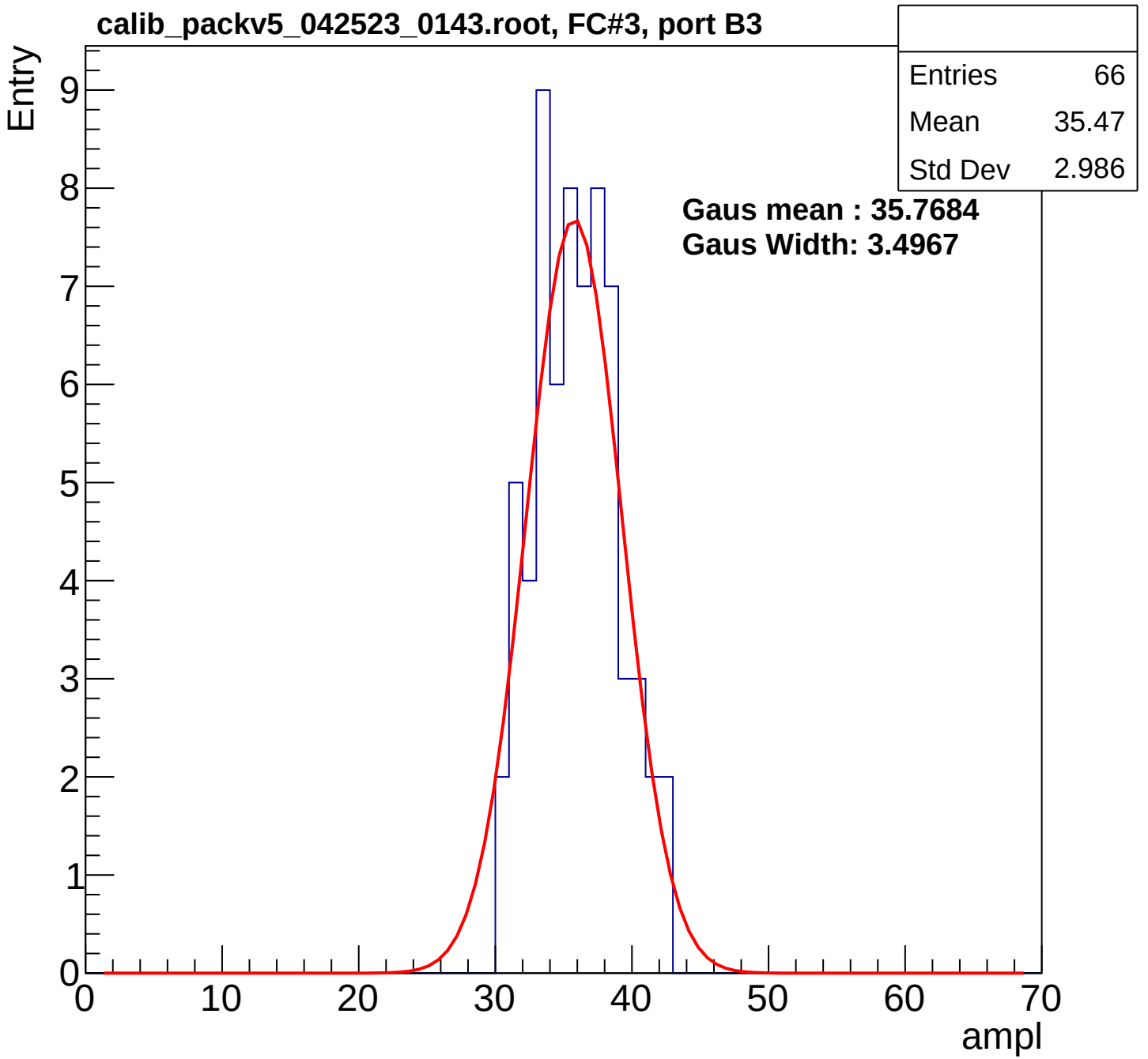

B1L000S, U21-ch67, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 54.34
Std Dev 2.971
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

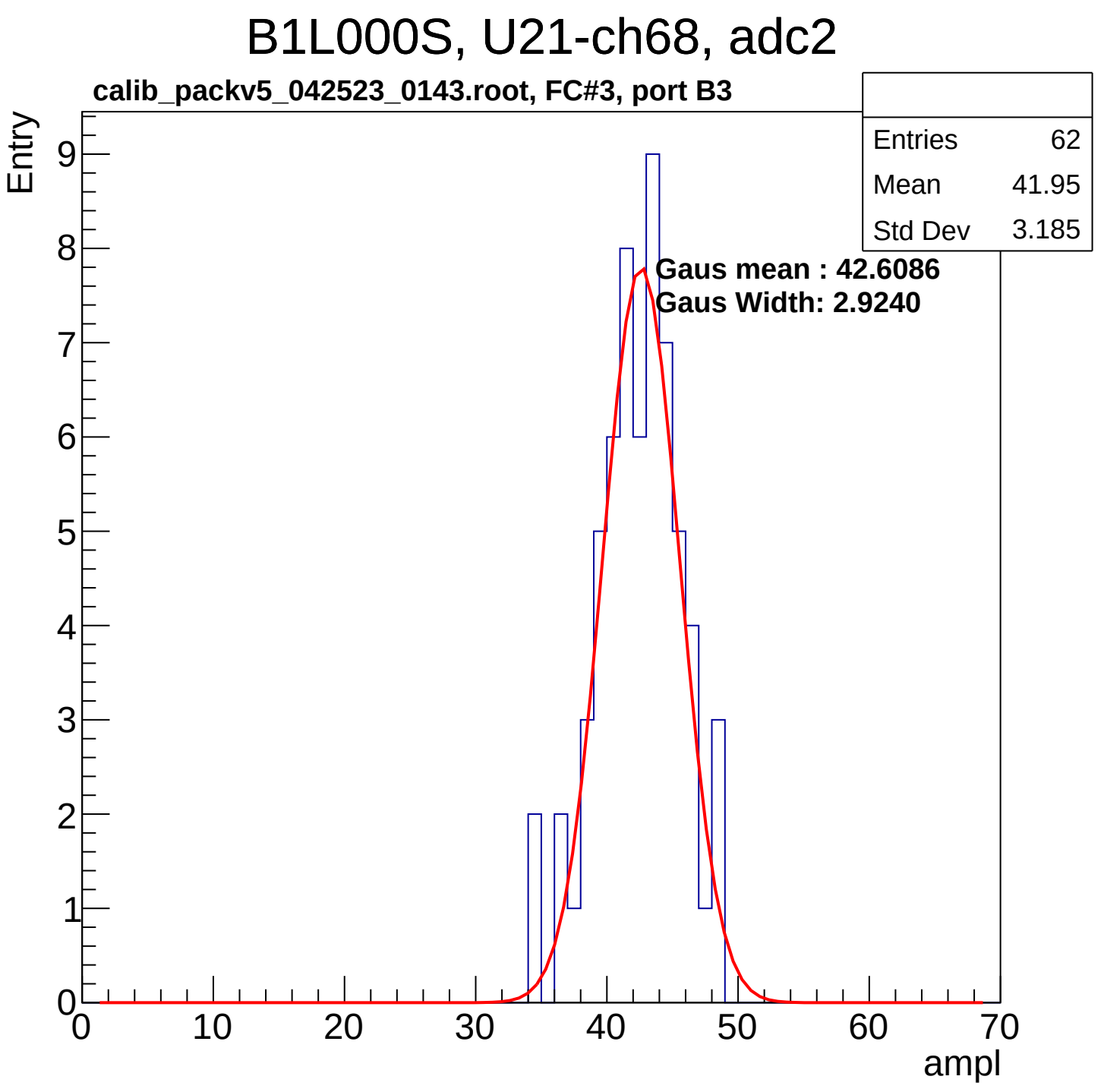

B1L000S, U21-ch67, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 59.08
Std Dev 2.526
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

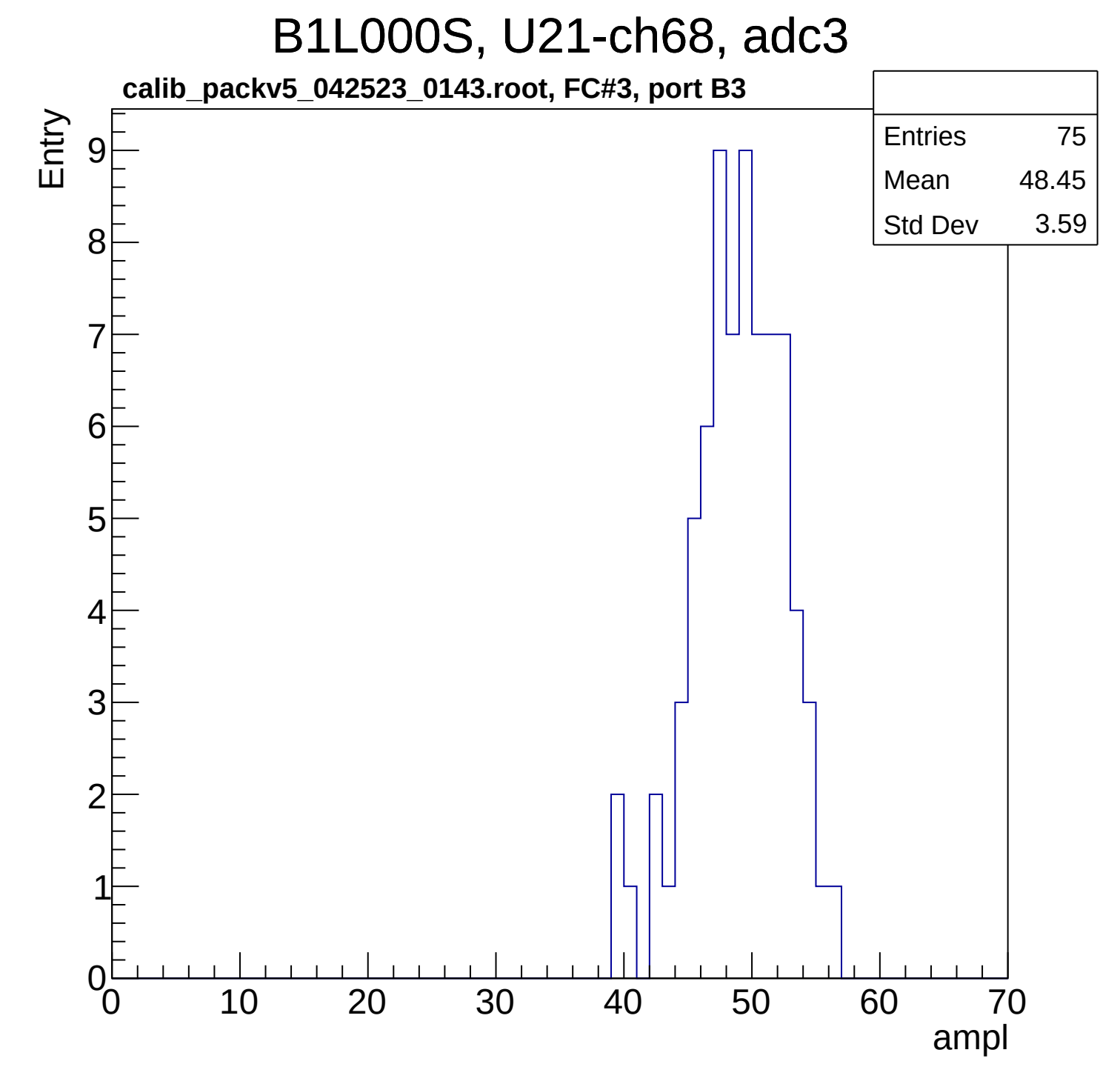

B1L000S, U21-ch67, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 57.67
Std Dev 15.45
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

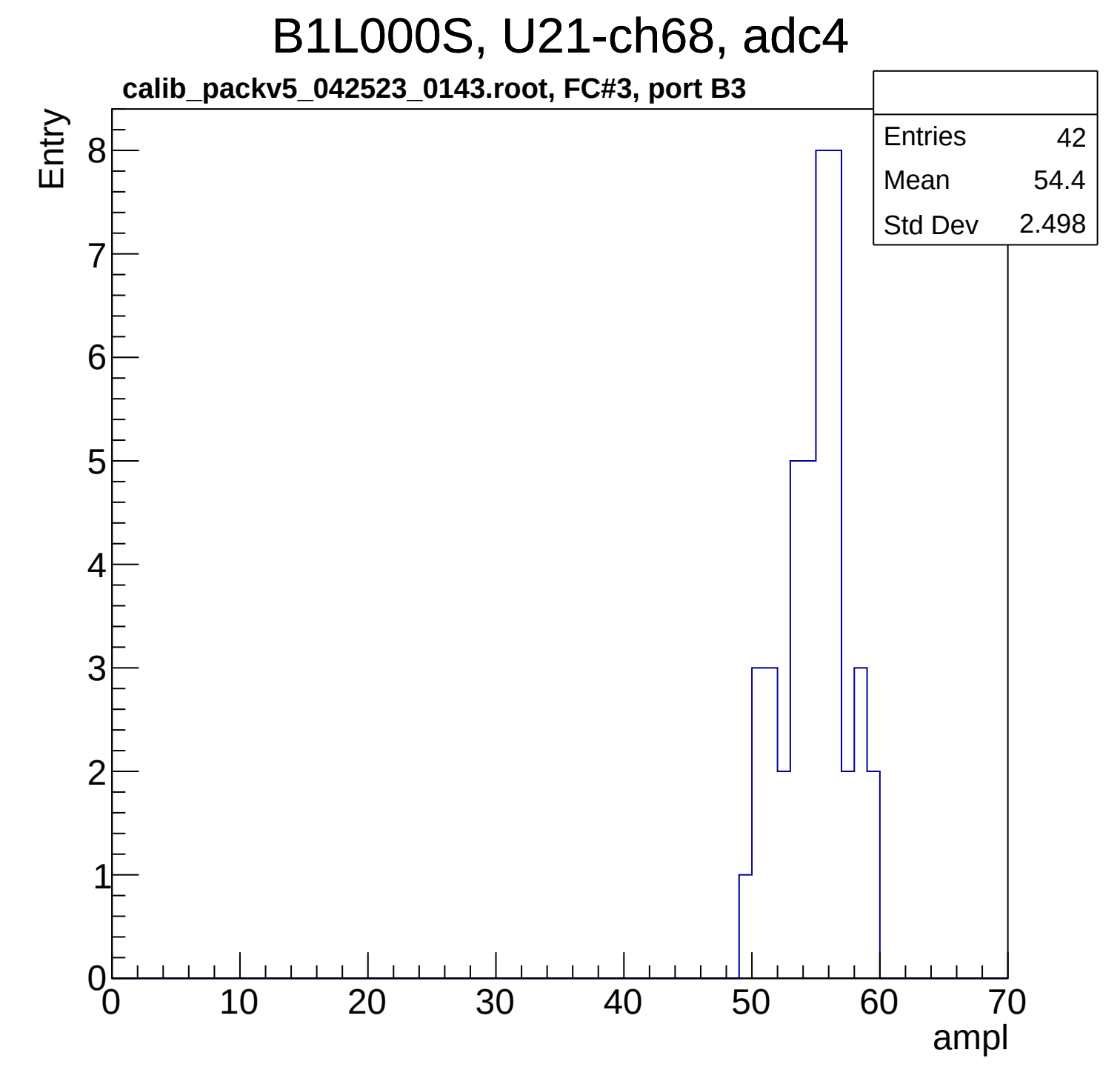

B1L000S, U21-ch67, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 18
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

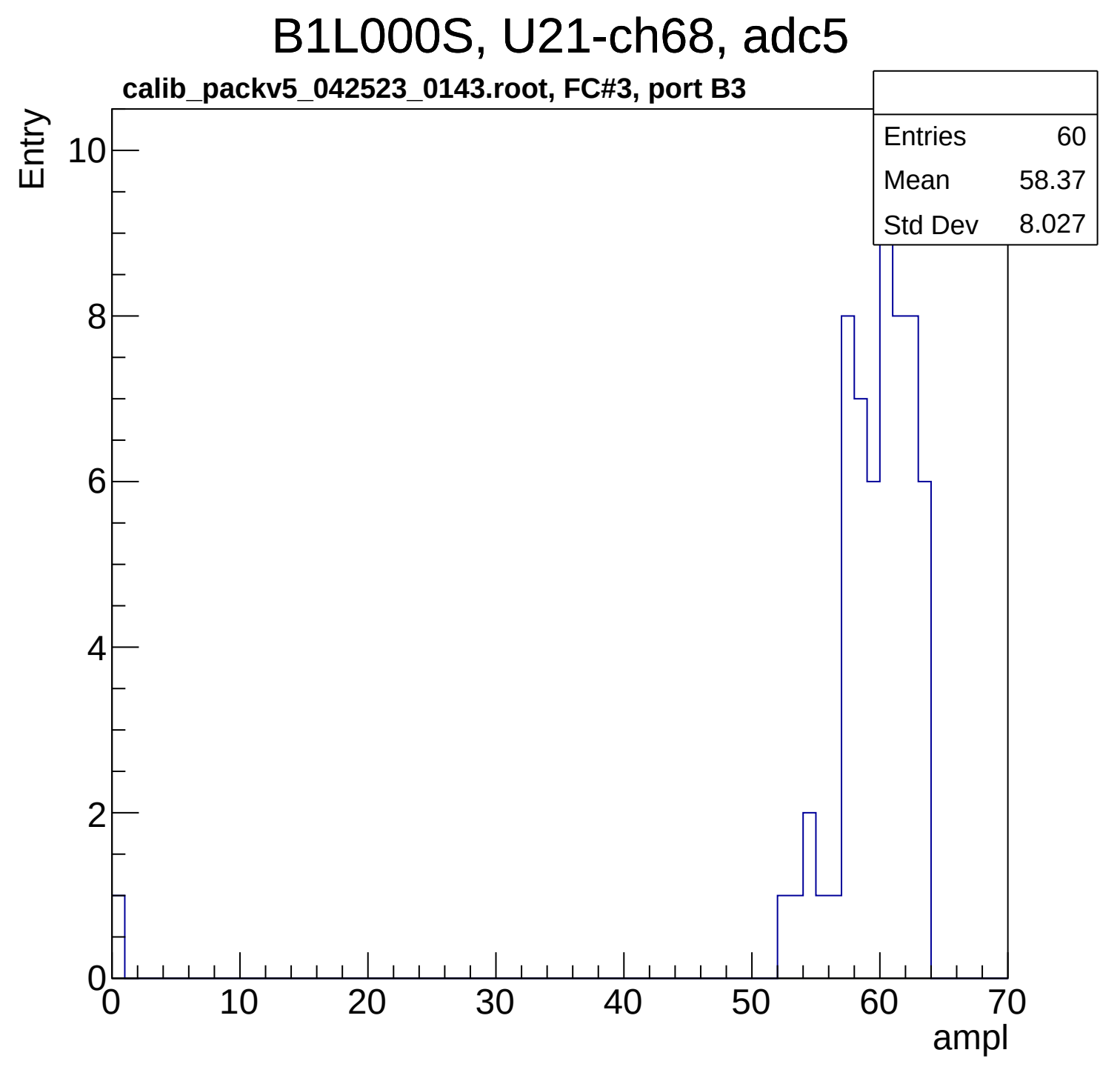

B1L000S, U21-ch68, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 29.03
Std Dev 3.094
Gaus mean : 29.0441
Gaus Width: 2.8796
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

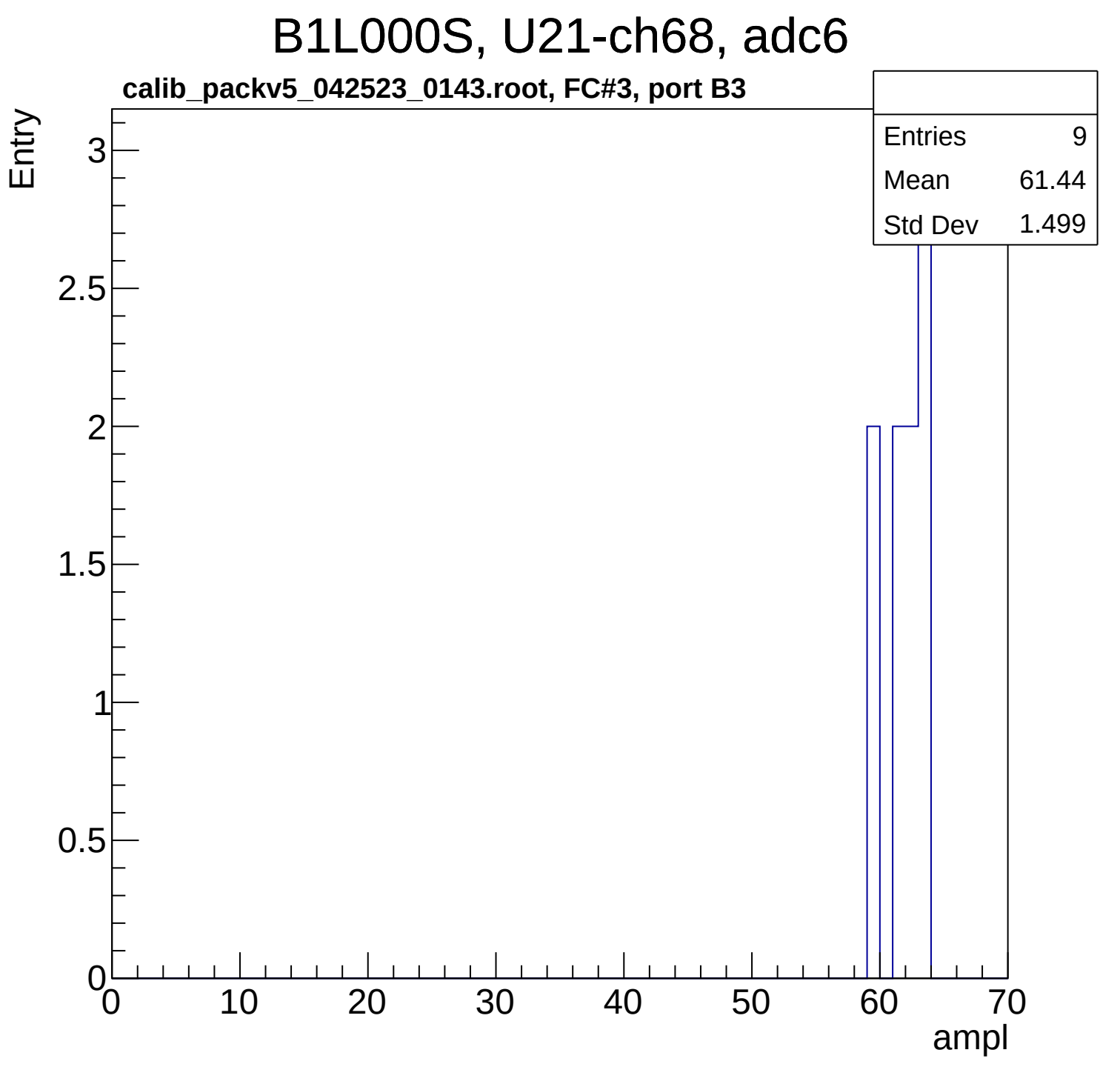

B1L000S, U21-ch68, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 35.47
Std Dev 2.986
Gaus mean : 35.7684
Gaus Width: 3.4967
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

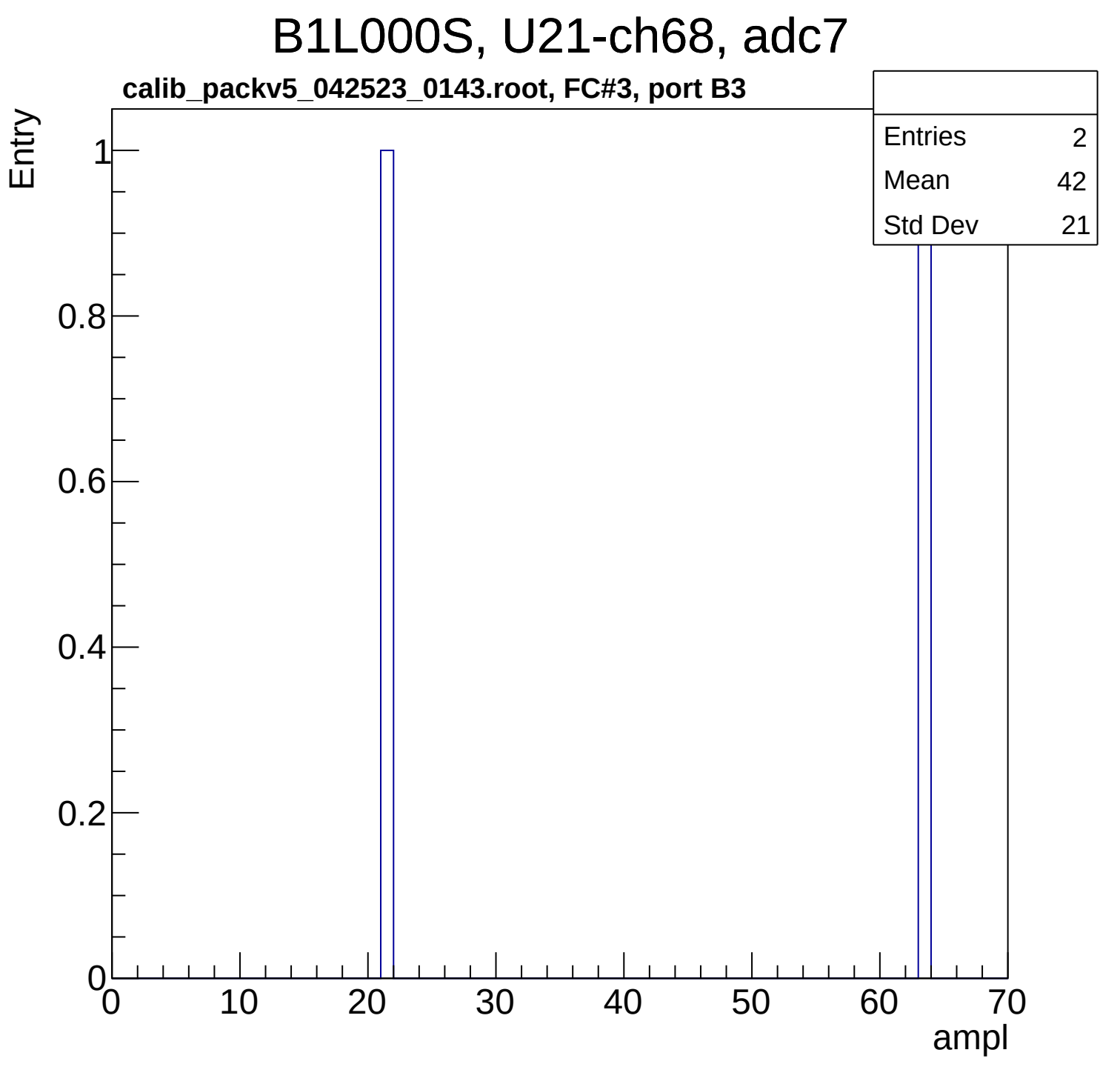

B1L000S, U21-ch68, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 41.95
Std Dev 3.185
Gaus mean : 42.6086
Gaus Width: 2.9240
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

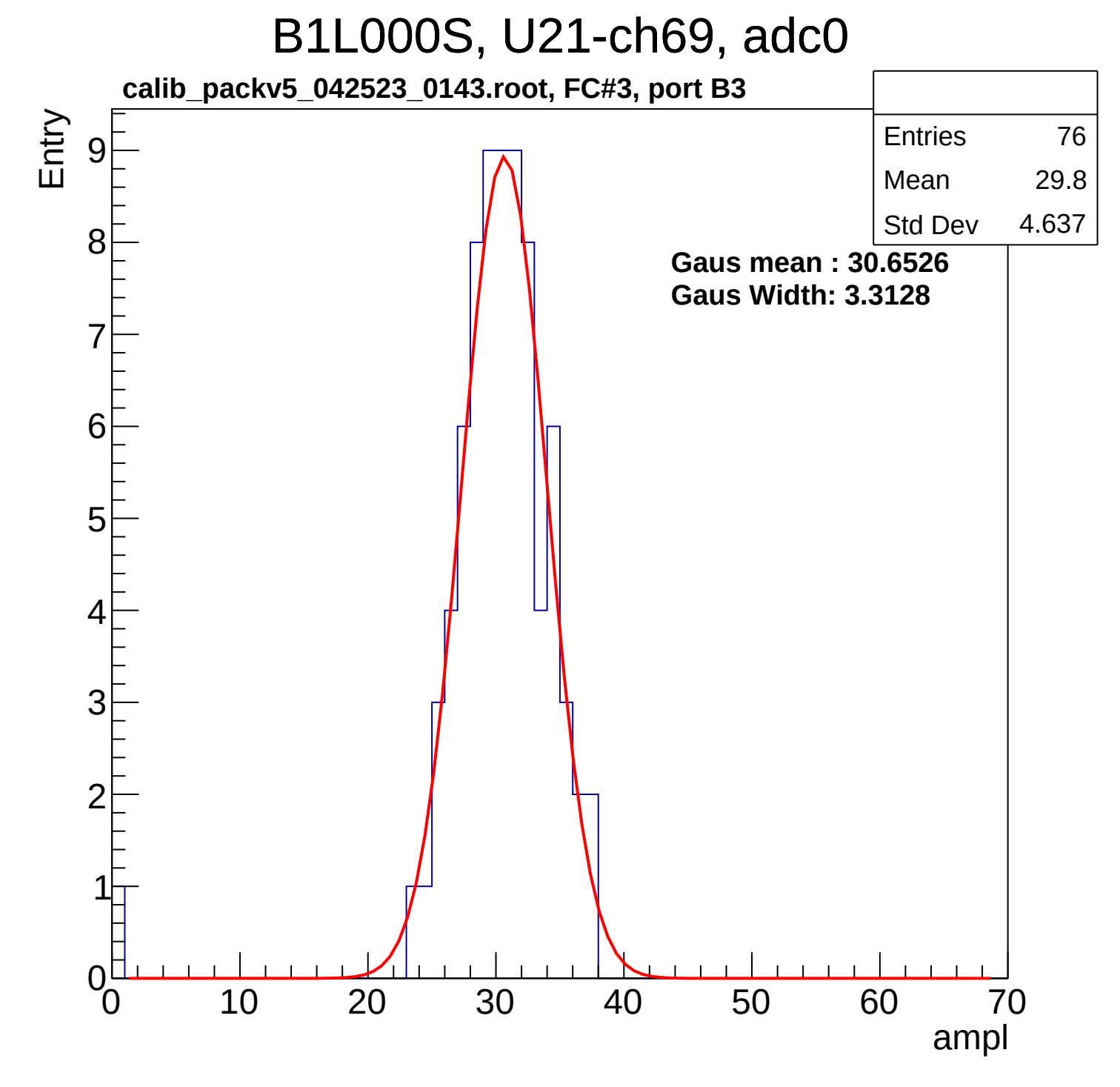

B1L000S, U21-ch68, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 48.45
Std Dev 3.59
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

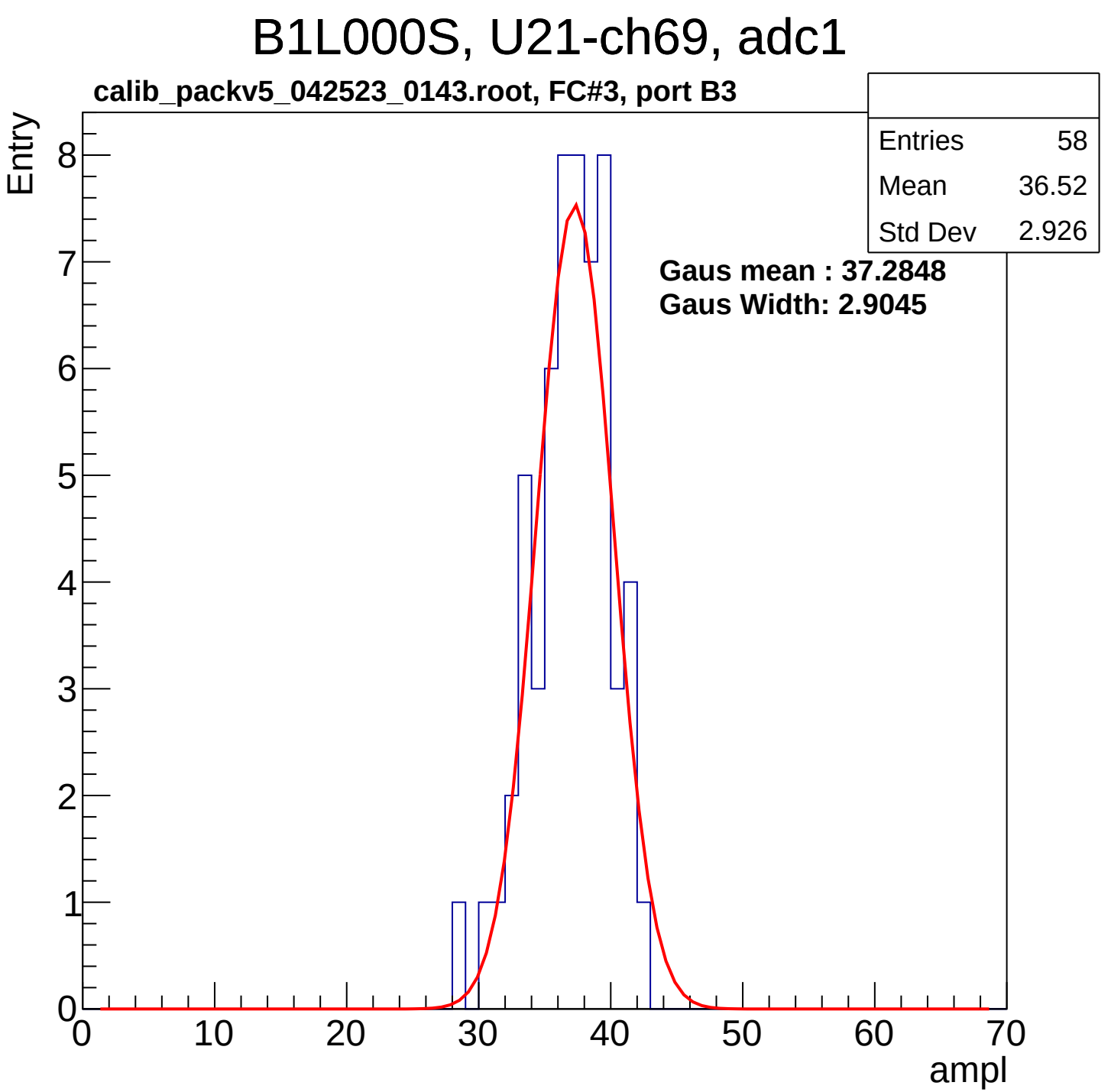

B1L000S, U21-ch68, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 54.4
Std Dev 2.498
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

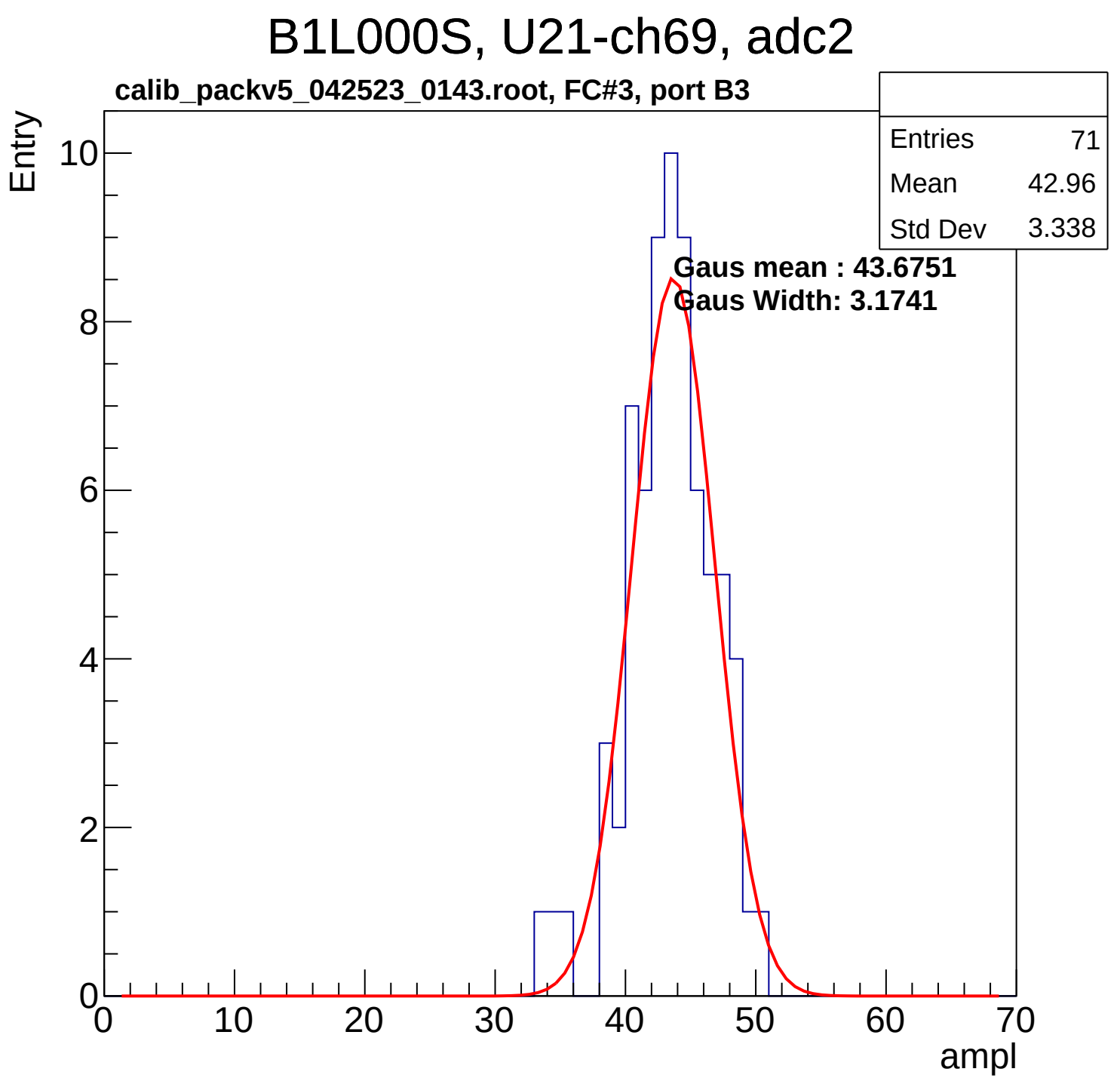

B1L000S, U21-ch68, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 58.37
Std Dev 8.027
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

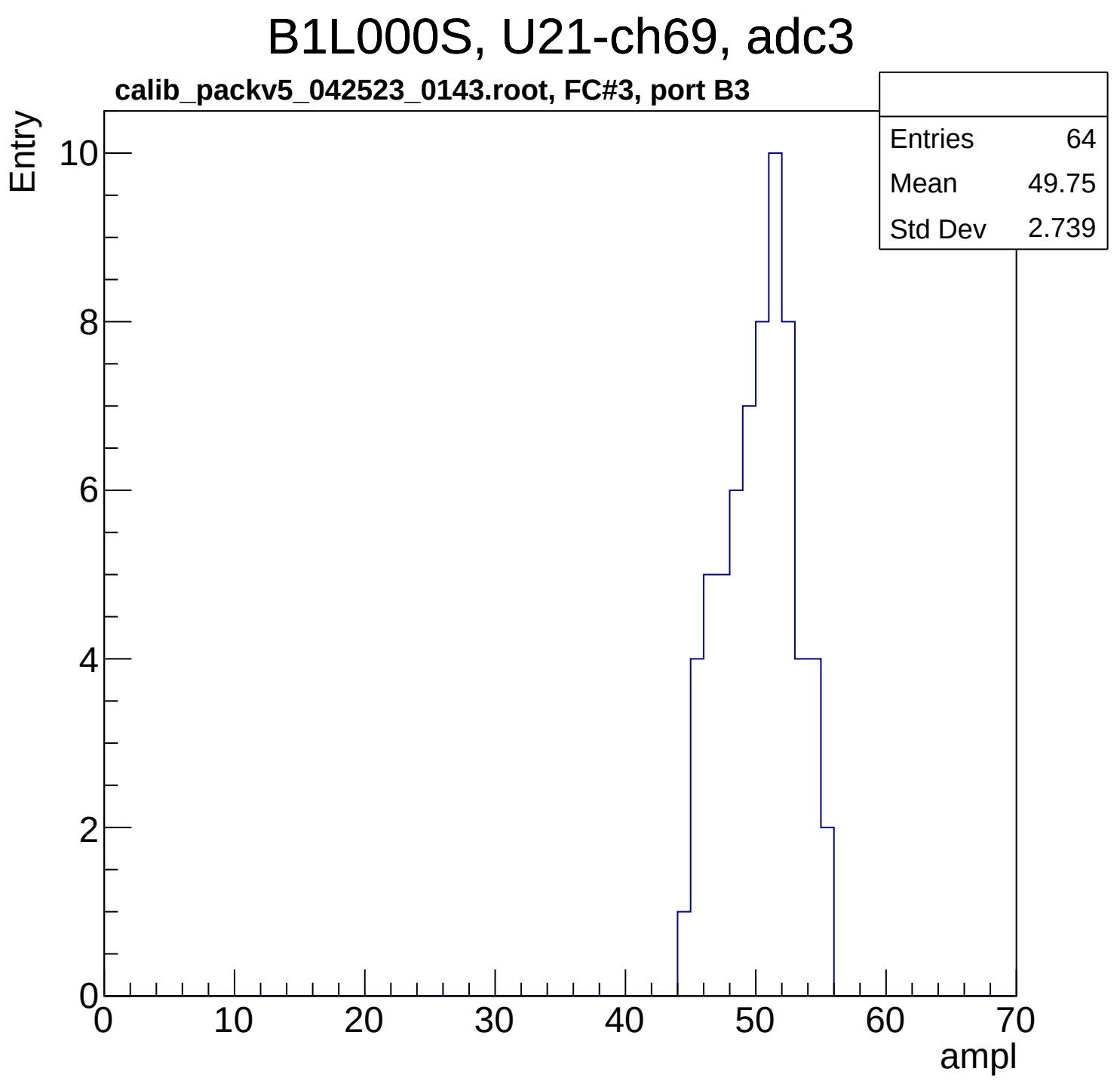

B1L000S, U21-ch68, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 61.44
Std Dev 1.499
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

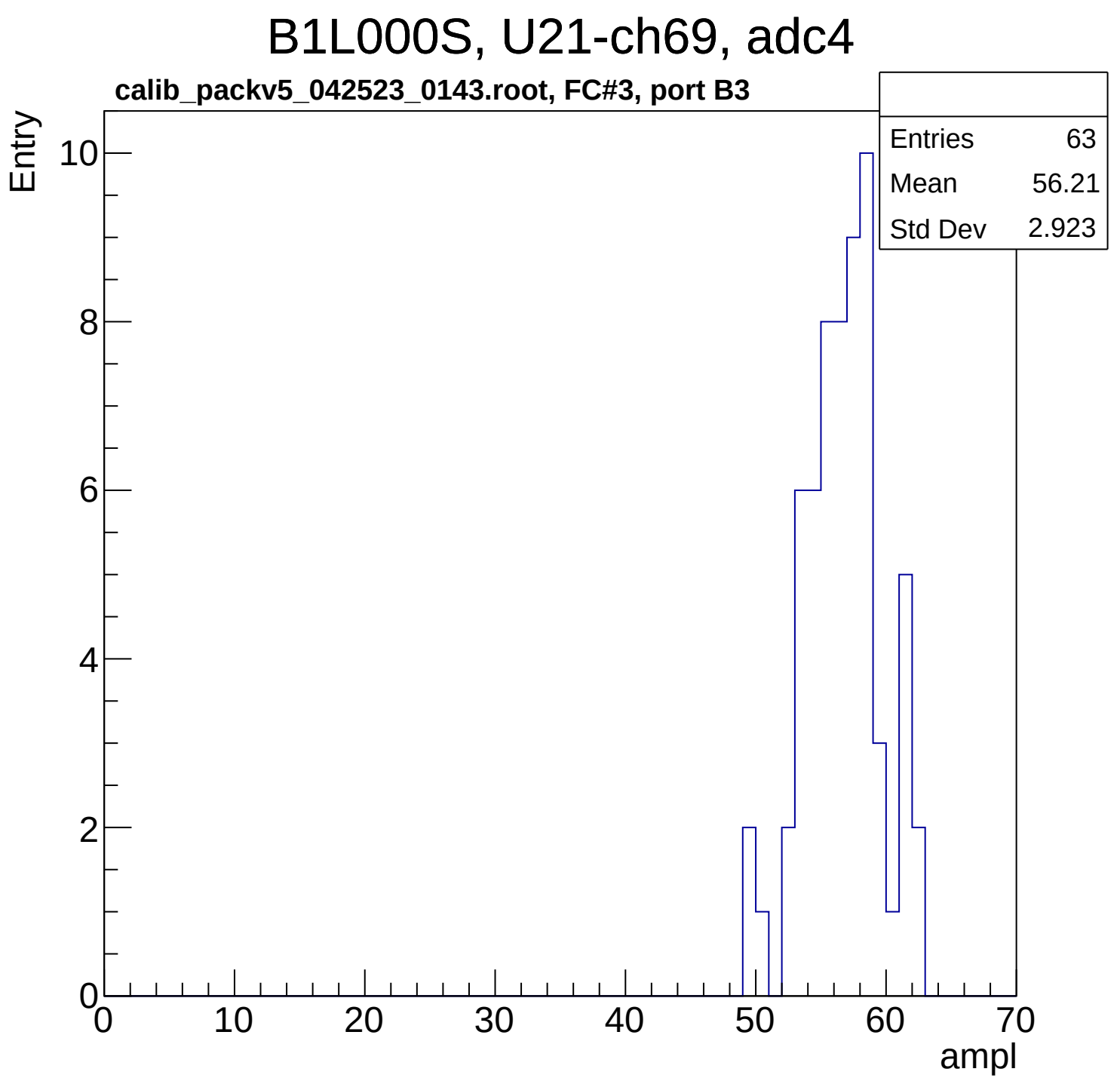

B1L000S, U21-ch68, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 42
Std Dev 21
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

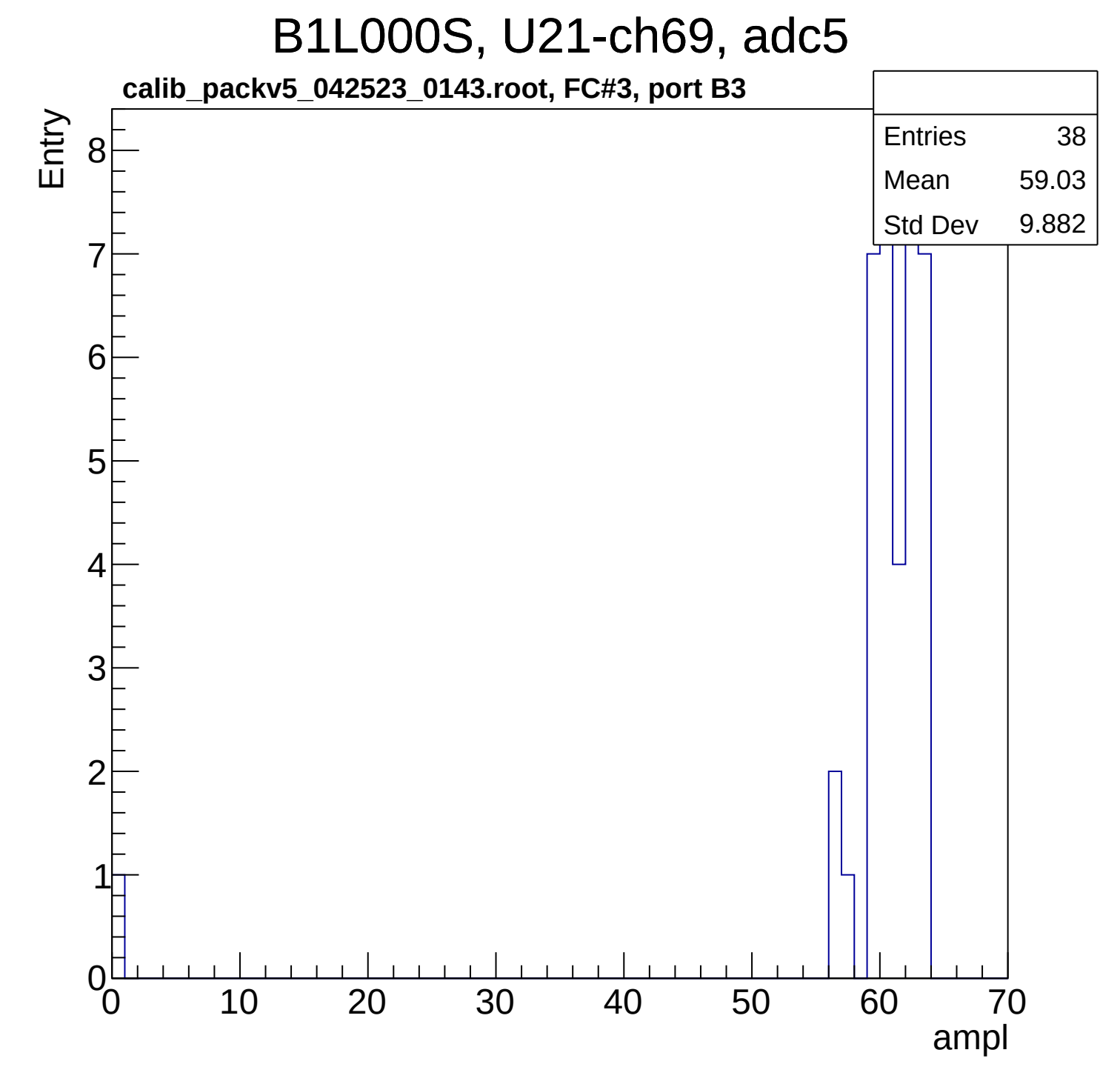

B1L000S, U21-ch69, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 29.8
Std Dev 4.637
Gaus mean : 30.6526
Gaus Width: 3.3128
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

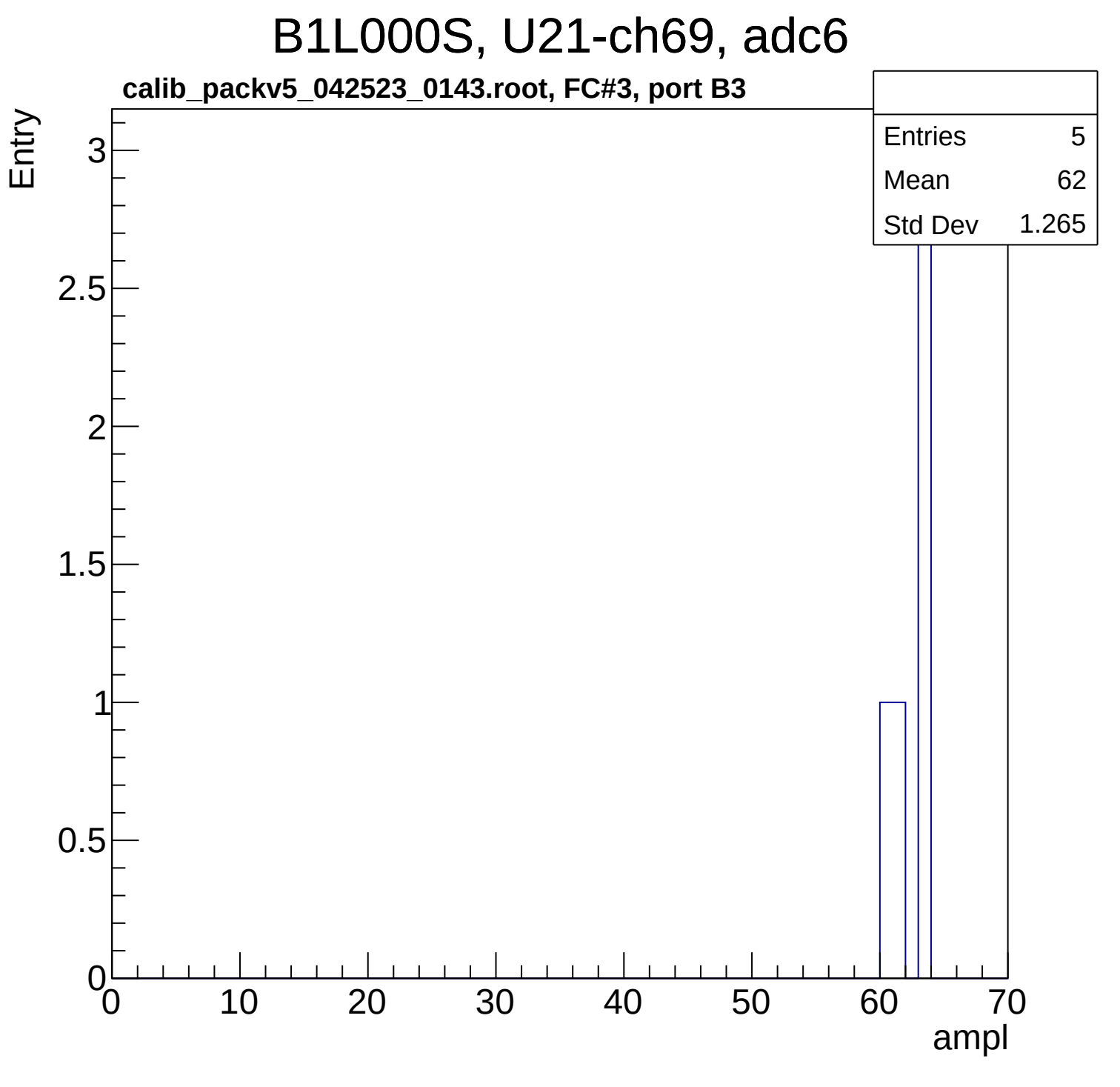

B1L000S, U21-ch69, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 36.52
Std Dev 2.926
Gaus mean : 37.2848
Gaus Width: 2.9045
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

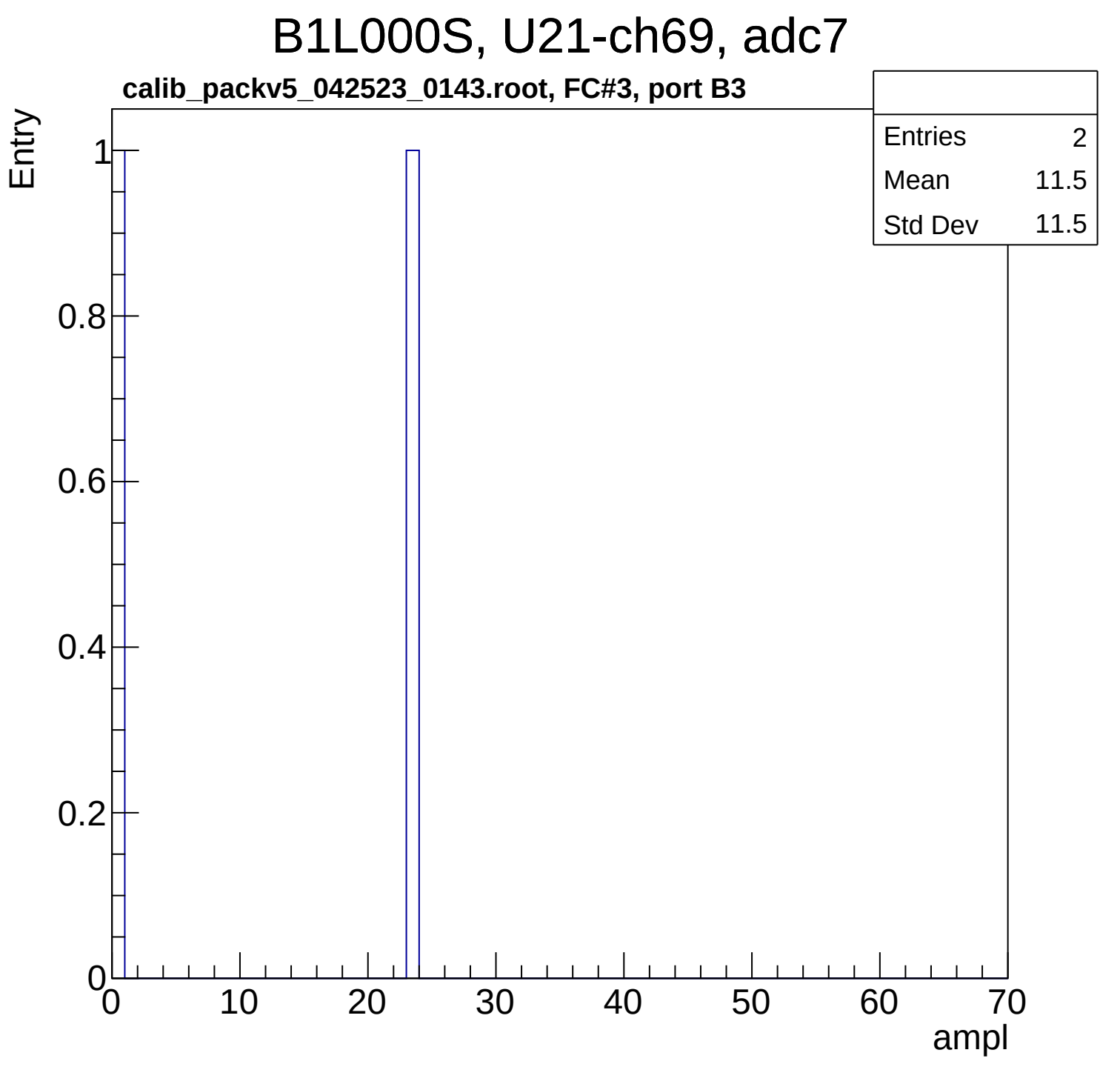

B1L000S, U21-ch69, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 42.96
Std Dev 3.338
Gaus mean : 43.6751
Gaus Width: 3.1741
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

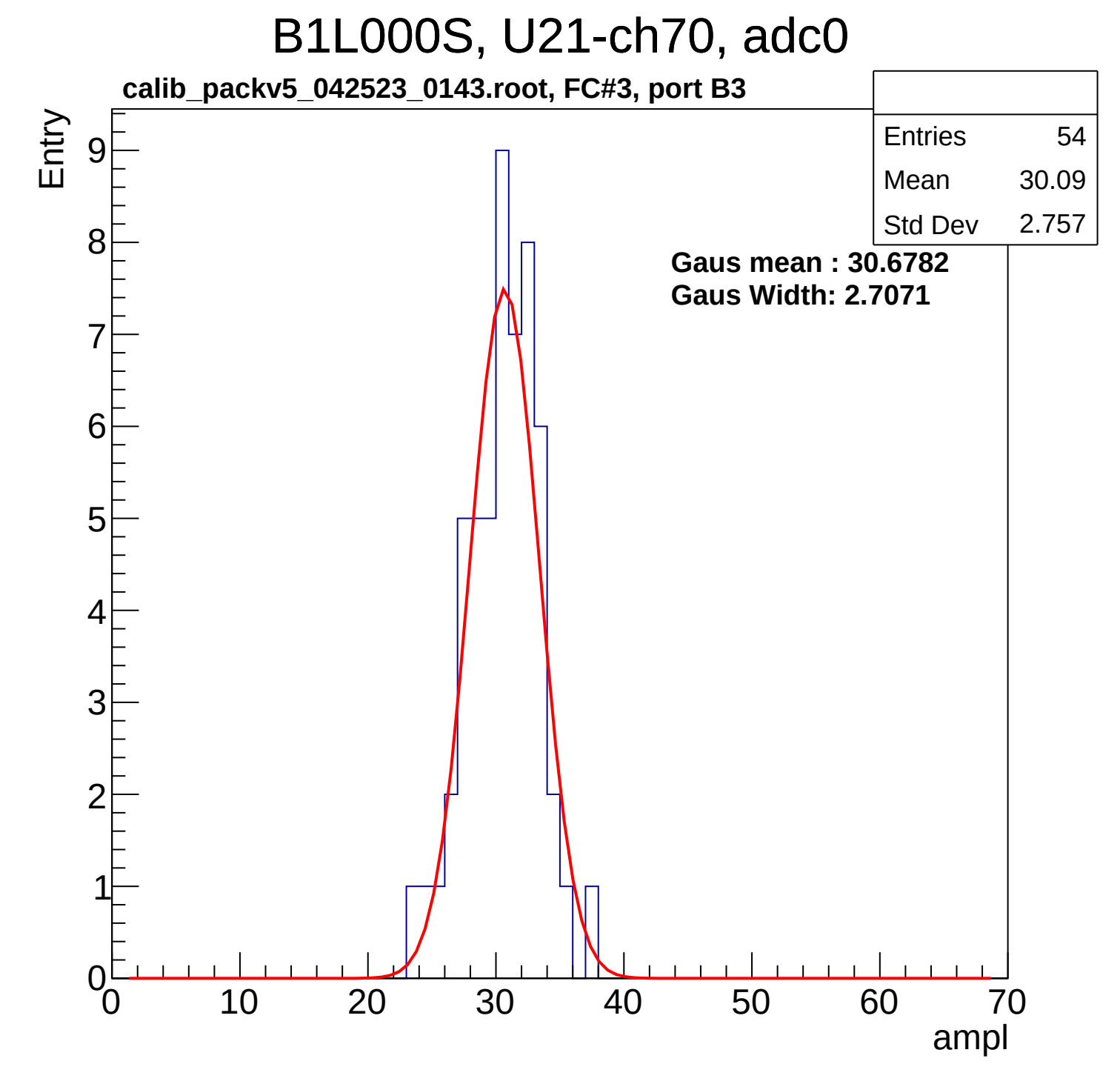

B1L000S, U21-ch69, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 49.75
Std Dev 2.739
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

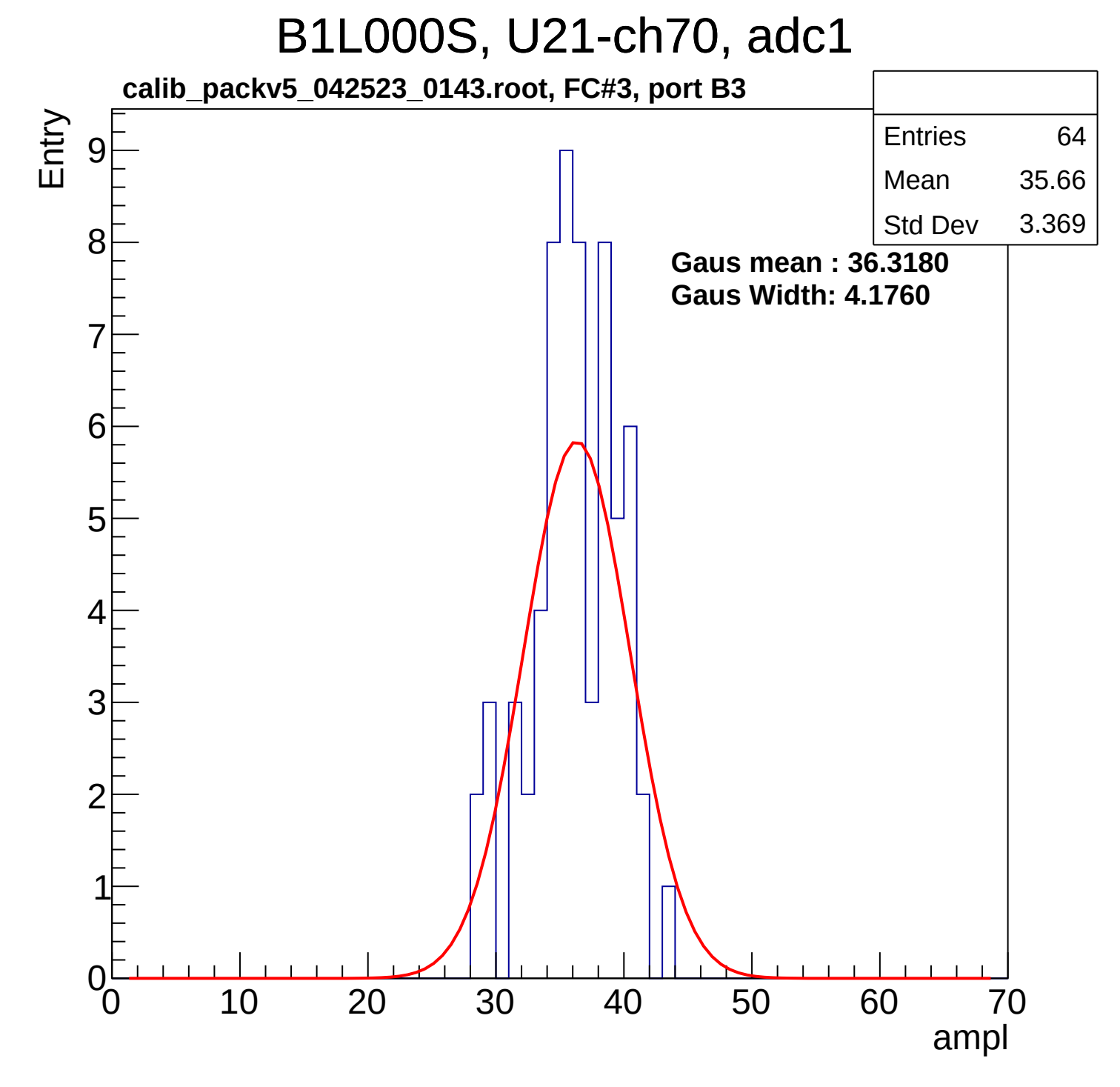

B1L000S, U21-ch69, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 56.21
Std Dev 2.923
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

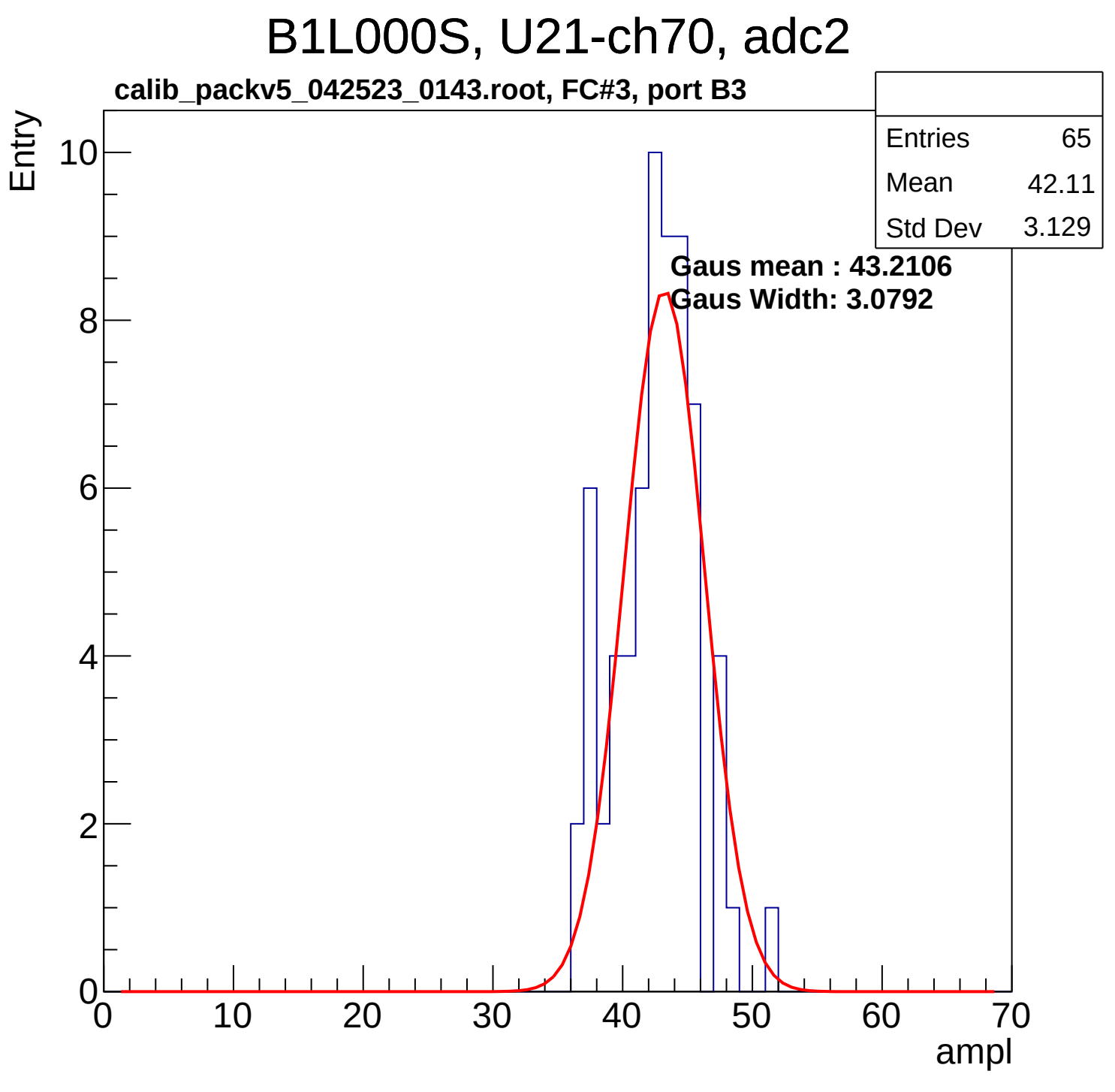

B1L000S, U21-ch69, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 38
Mean 59.03
Std Dev 9.882
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

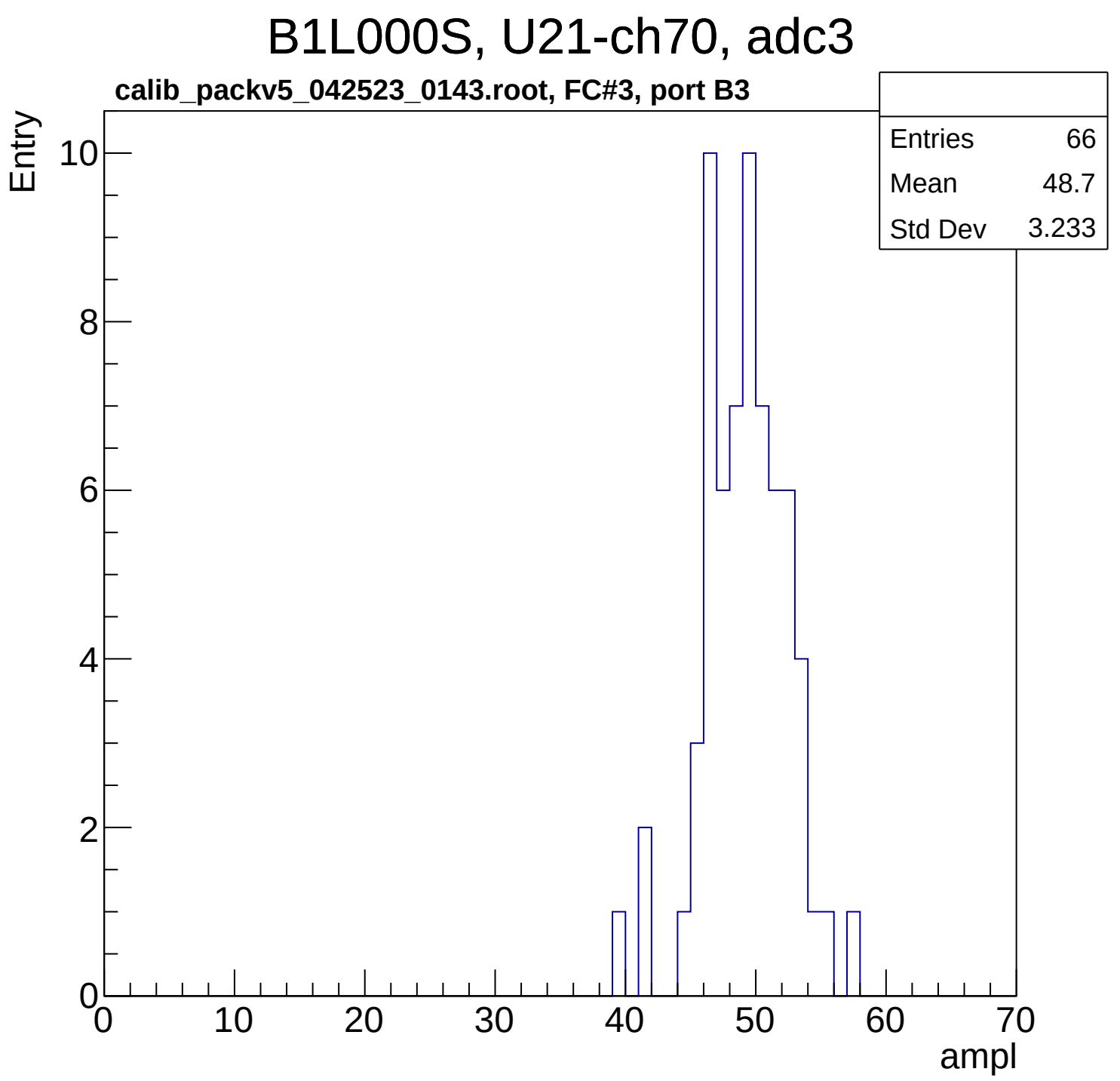

B1L000S, U21-ch69, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 62
Std Dev 1.265
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

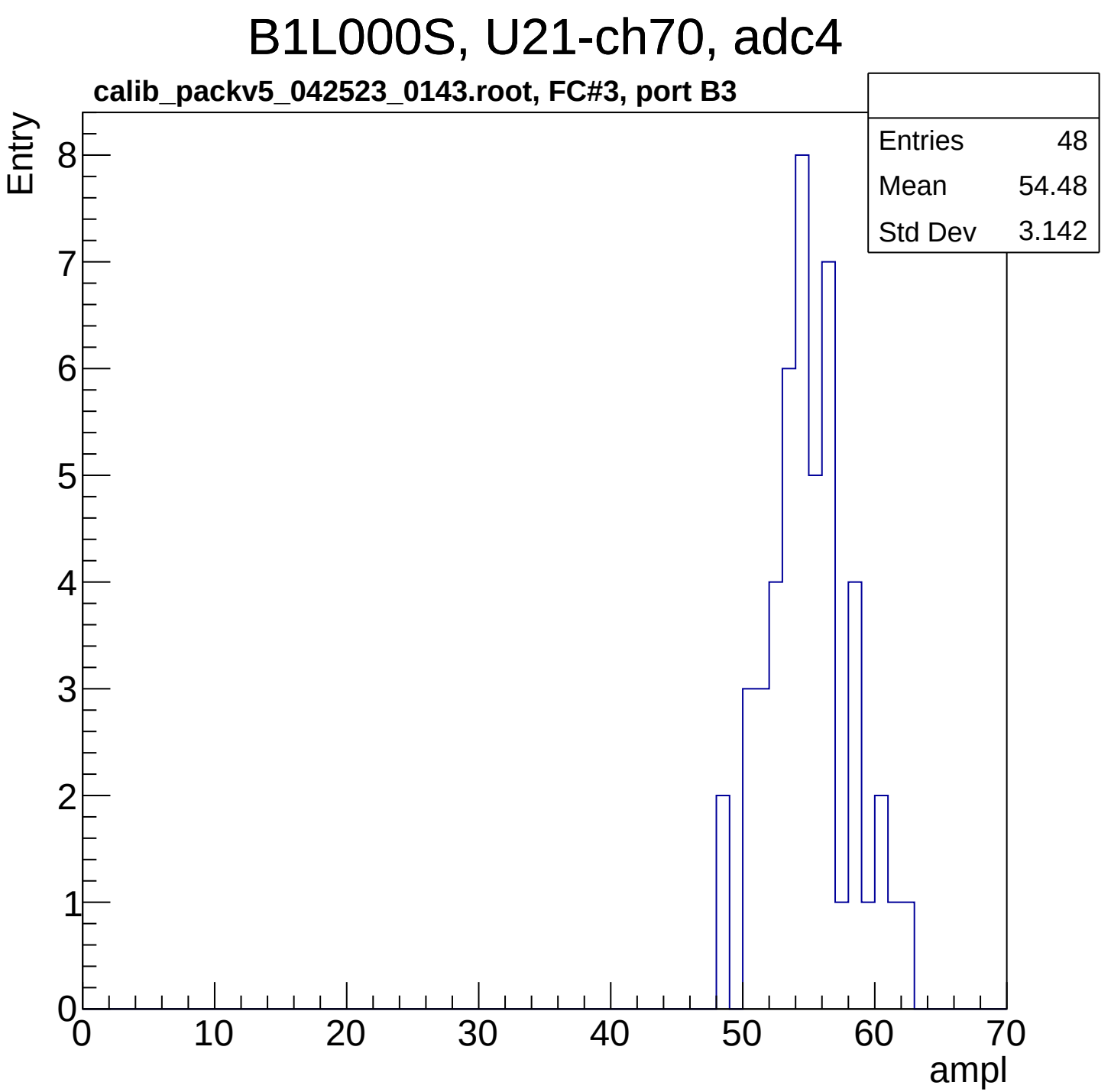

B1L000S, U21-ch69, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 11.5
Std Dev 11.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

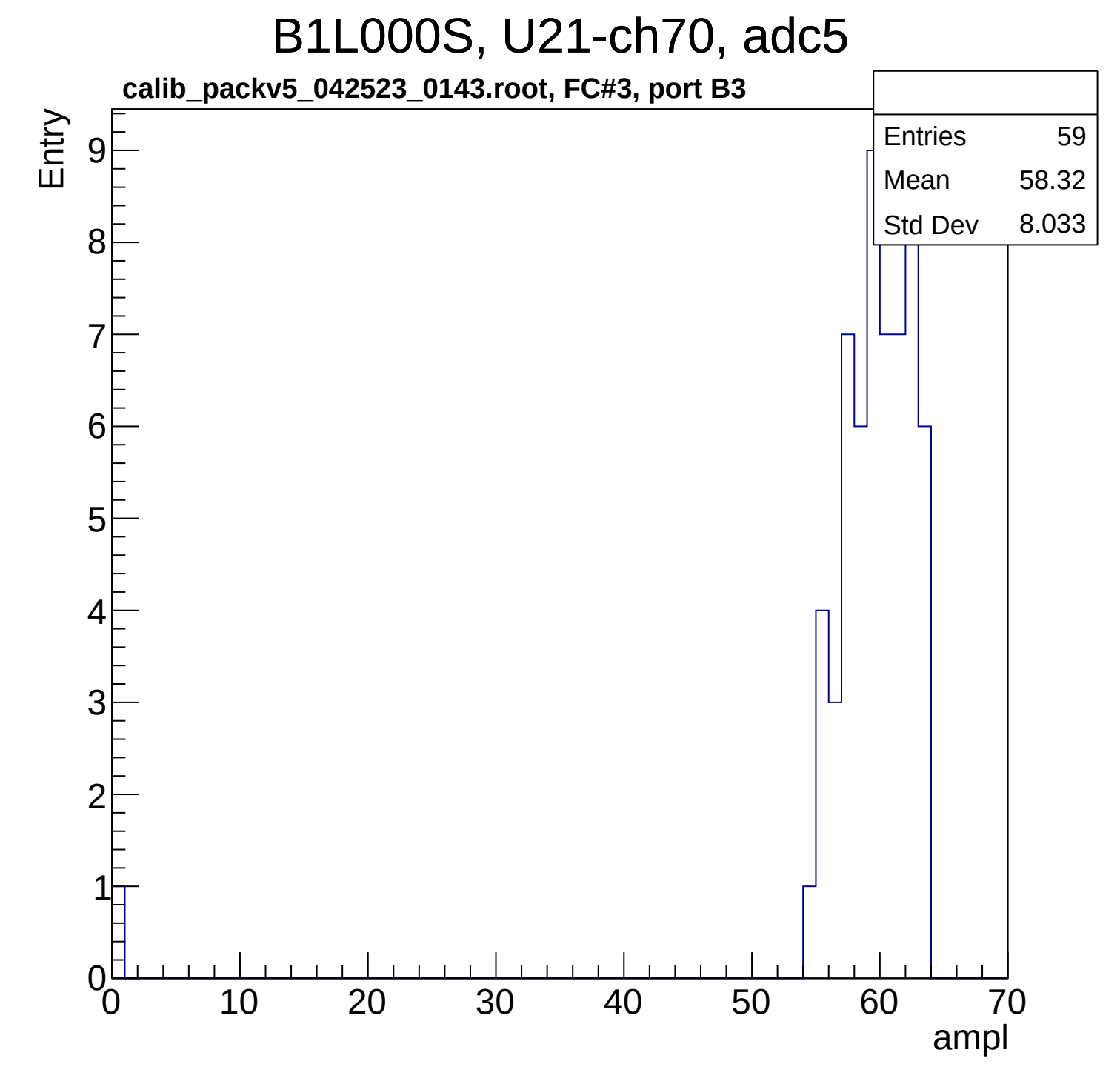

B1L000S, U21-ch70, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 30.09
Std Dev 2.757
Gaus mean : 30.6782
Gaus Width: 2.7071
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

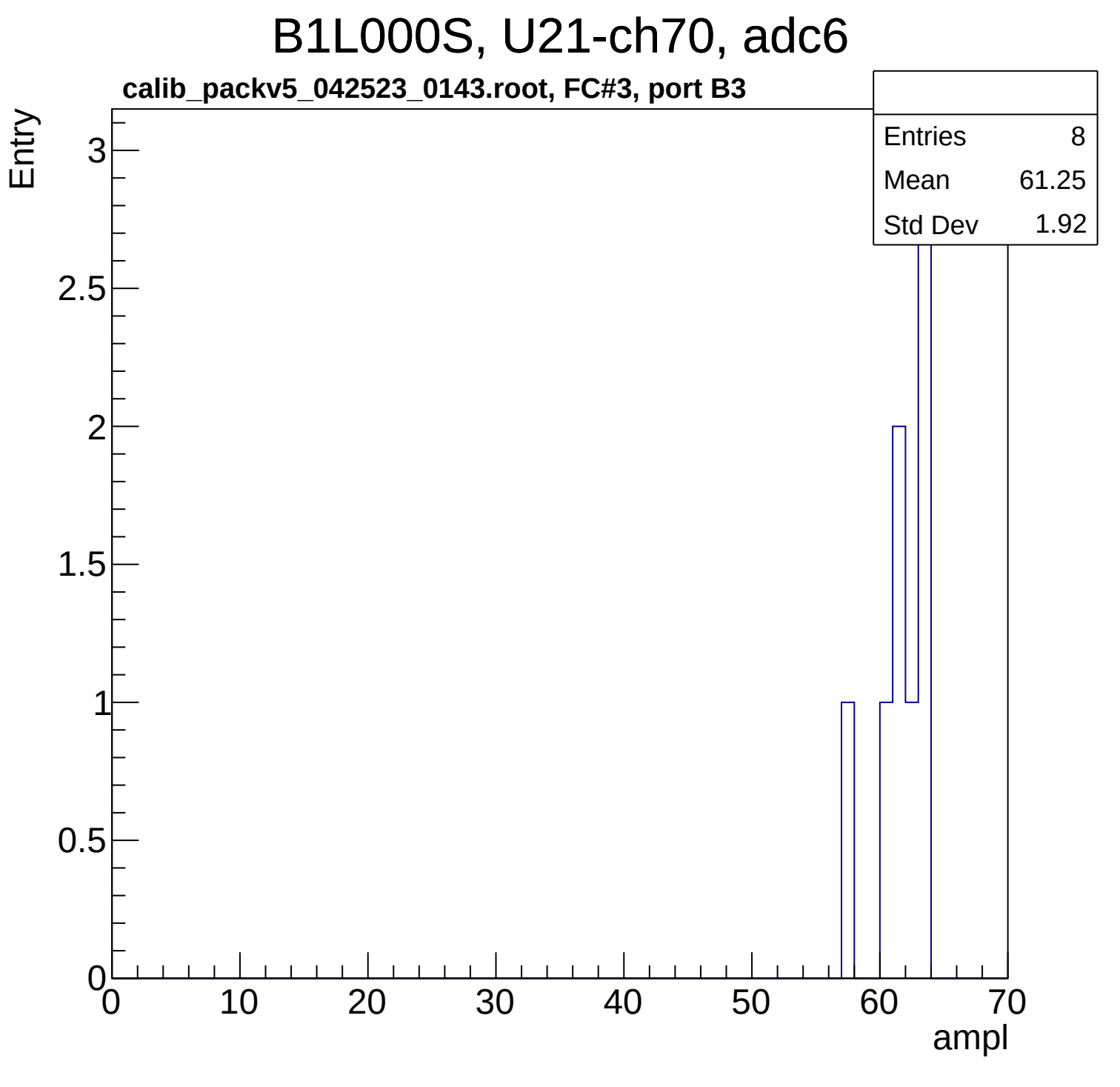

B1L000S, U21-ch70, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 35.66
Std Dev 3.369
Gaus mean : 36.3180
Gaus Width: 4.1760
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

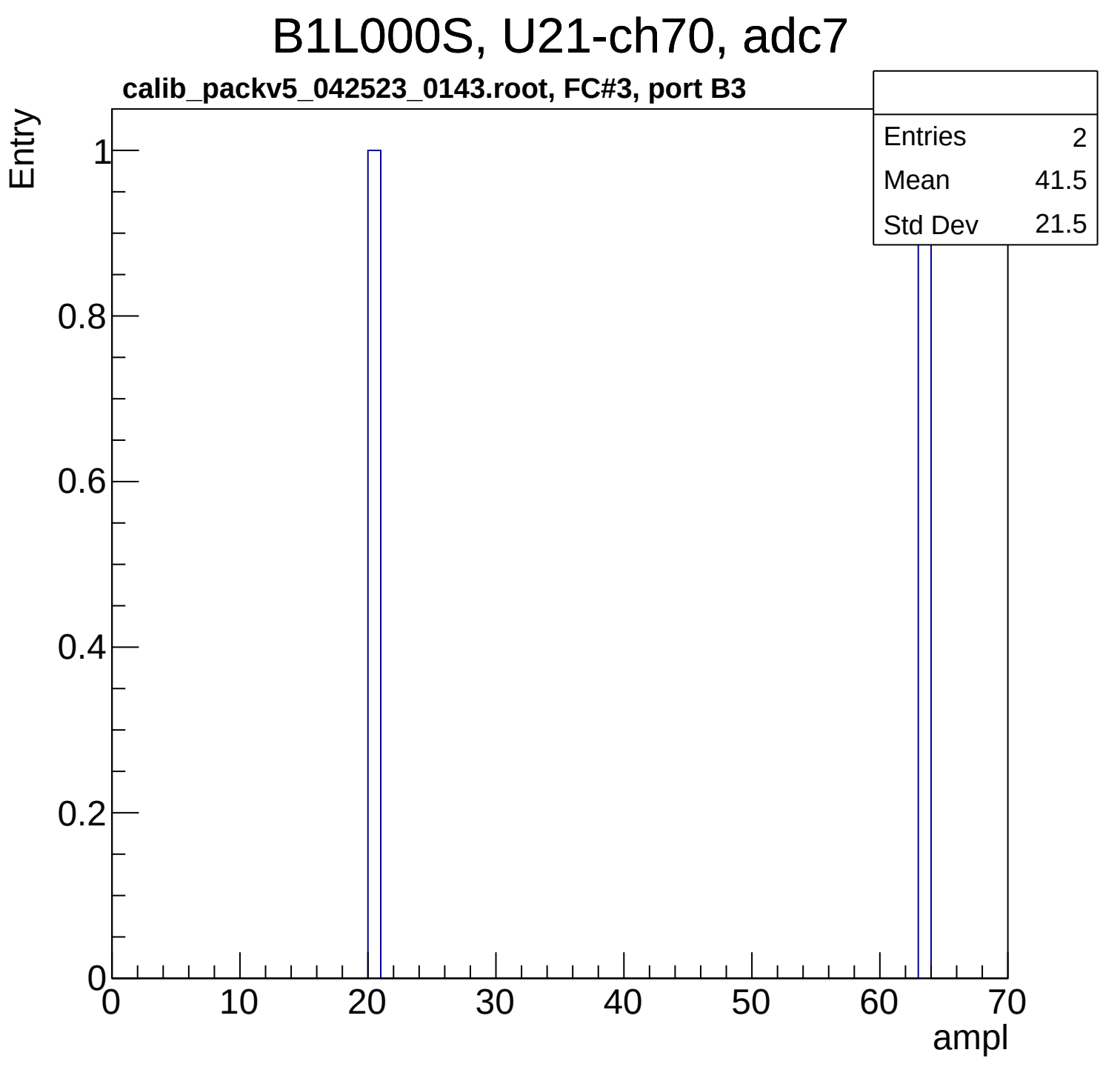

B1L000S, U21-ch70, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 42.11
Std Dev 3.129
Gaus mean : 43.2106
Gaus Width: 3.0792
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

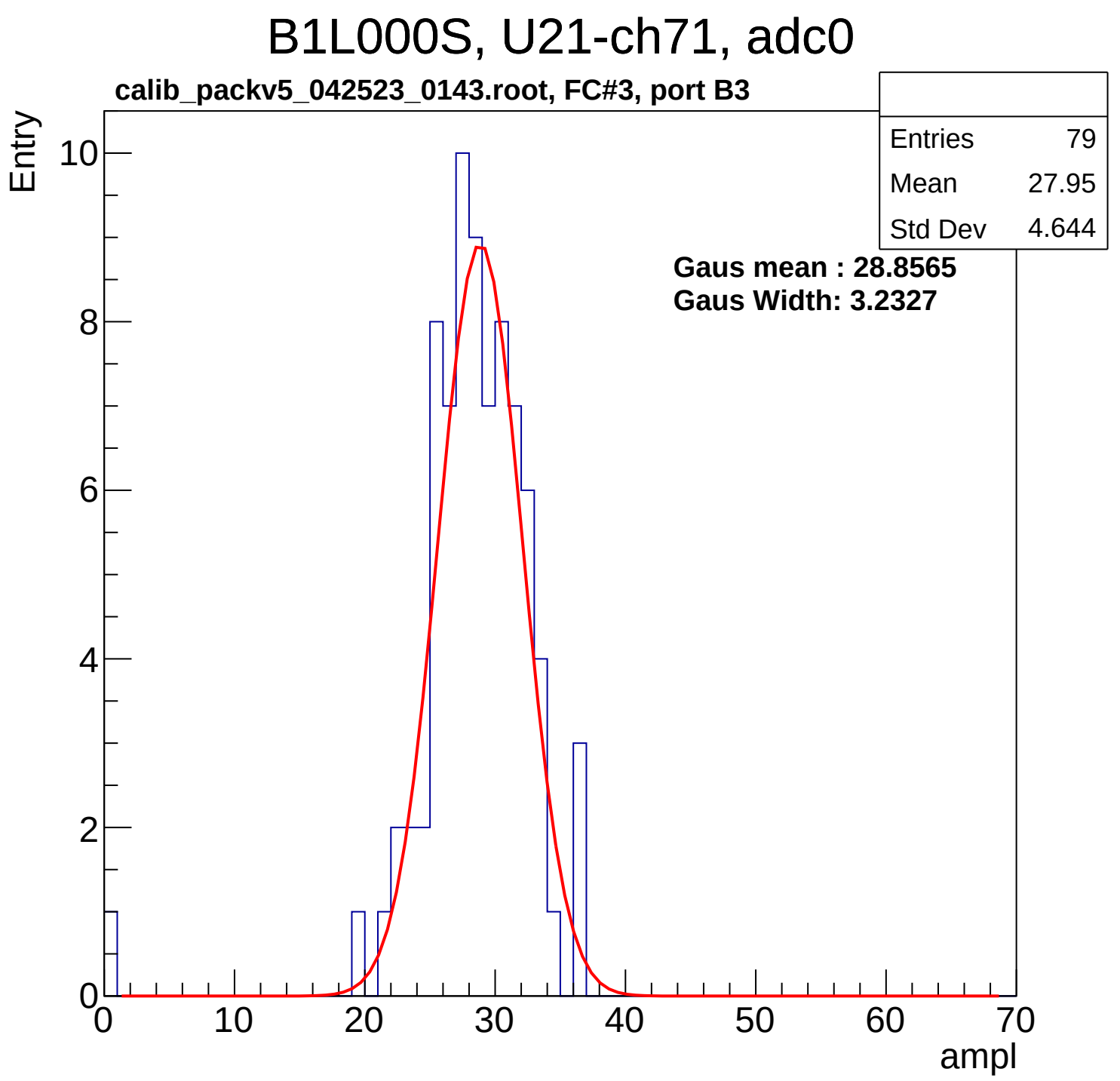

B1L000S, U21-ch70, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 48.7
Std Dev 3.233
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

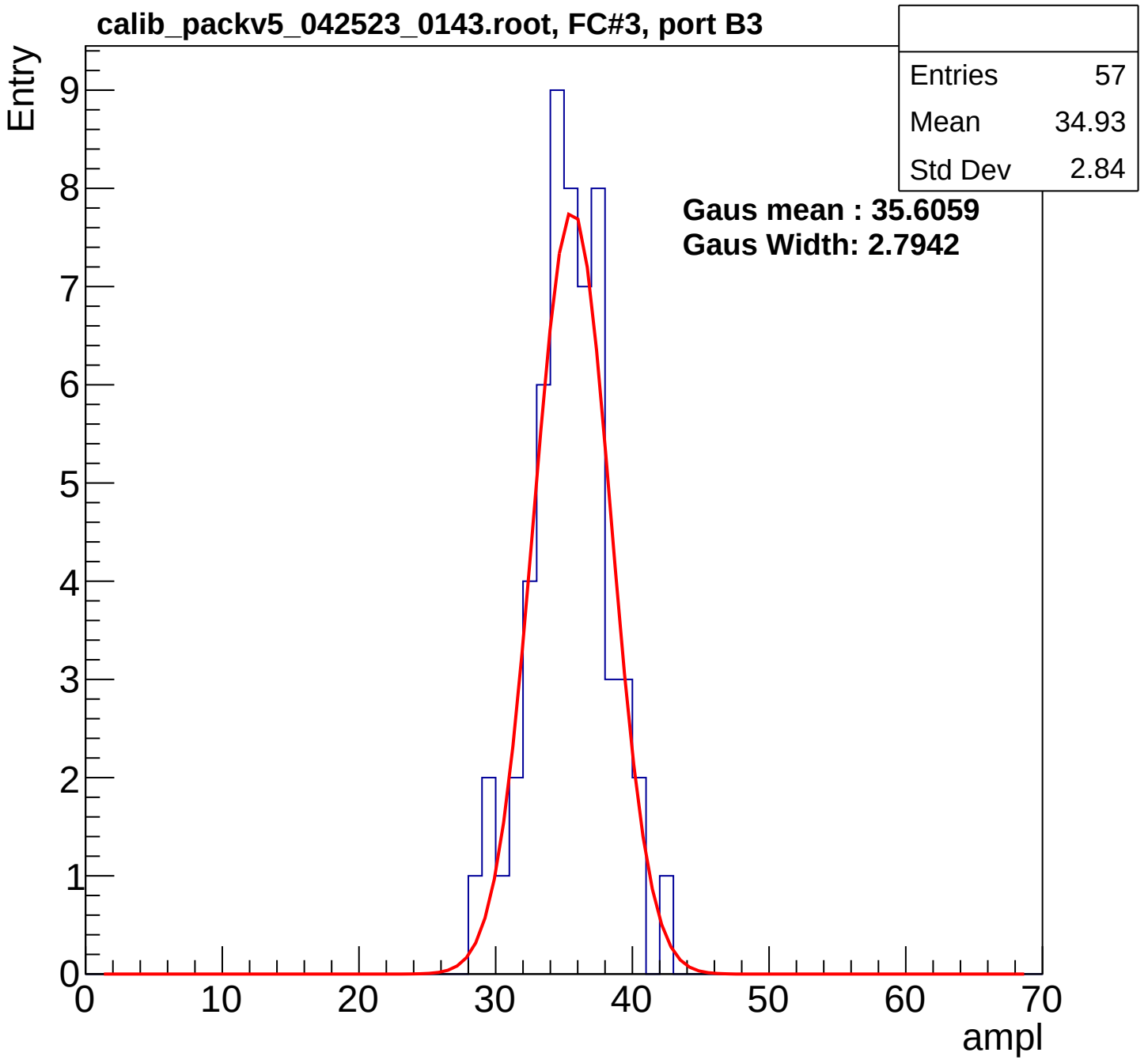

B1L000S, U21-ch70, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 54.48
Std Dev 3.142
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

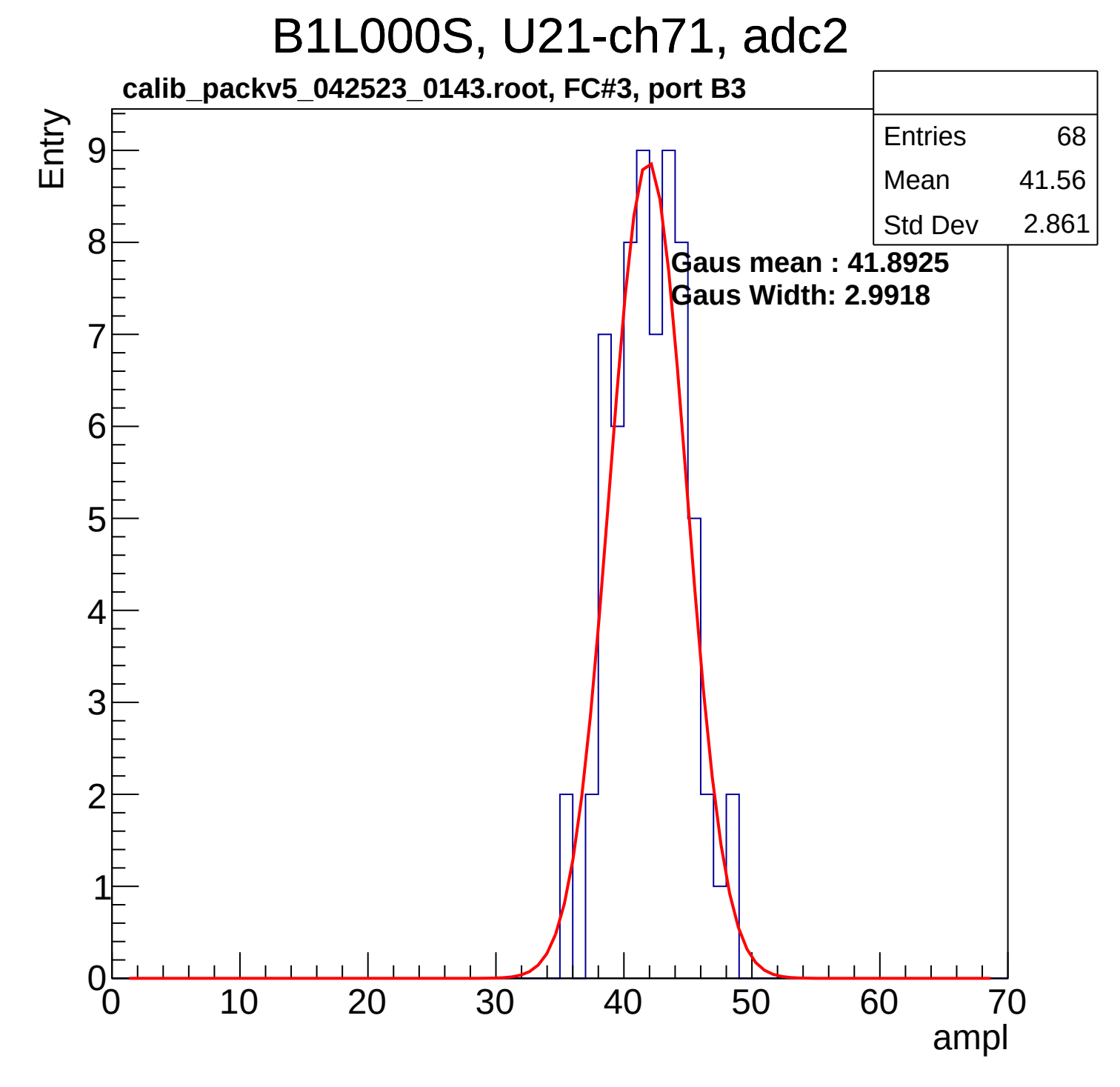

B1L000S, U21-ch70, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 58.32
Std Dev 8.033
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

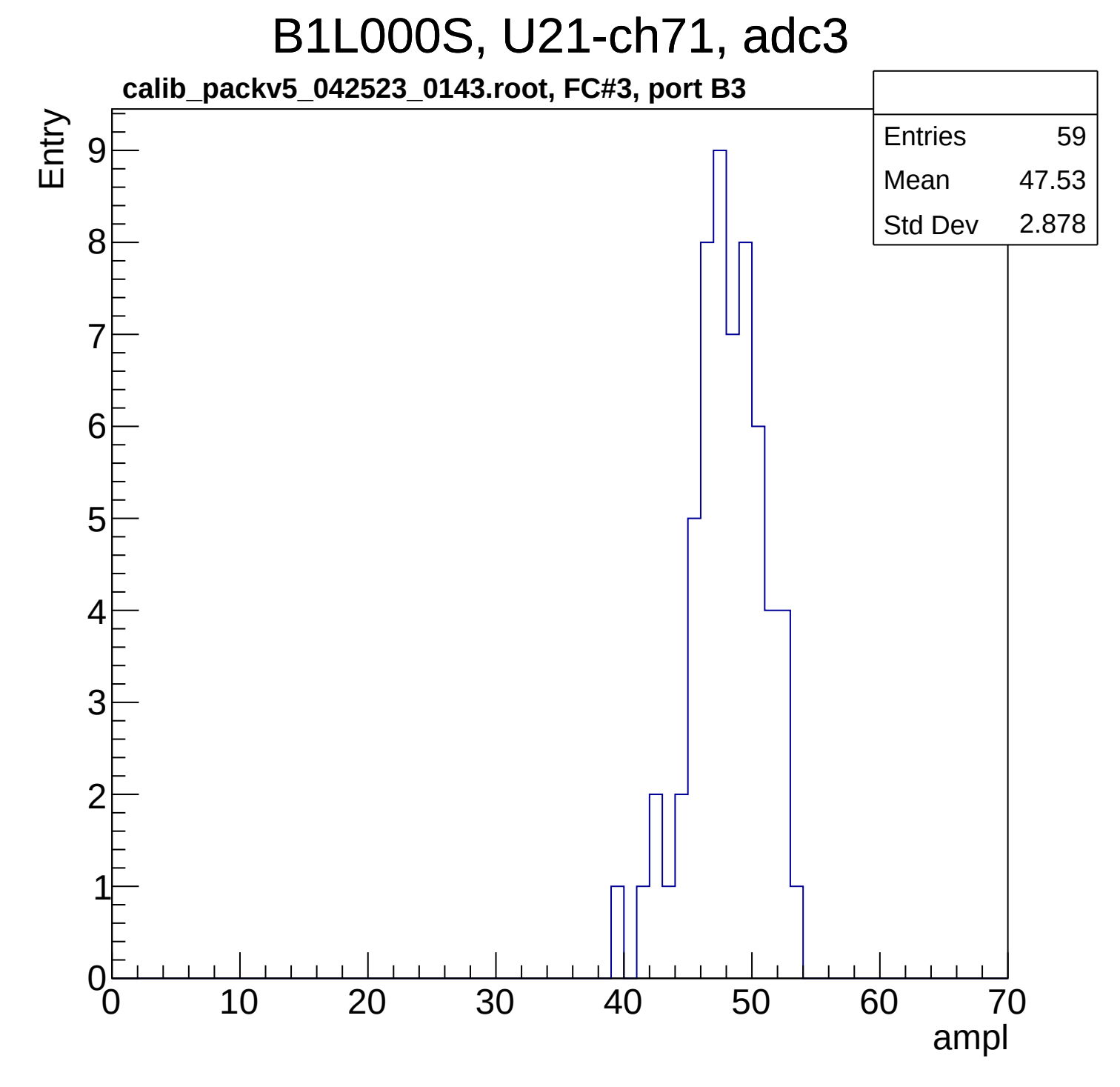

B1L000S, U21-ch70, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 61.25
Std Dev 1.92
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

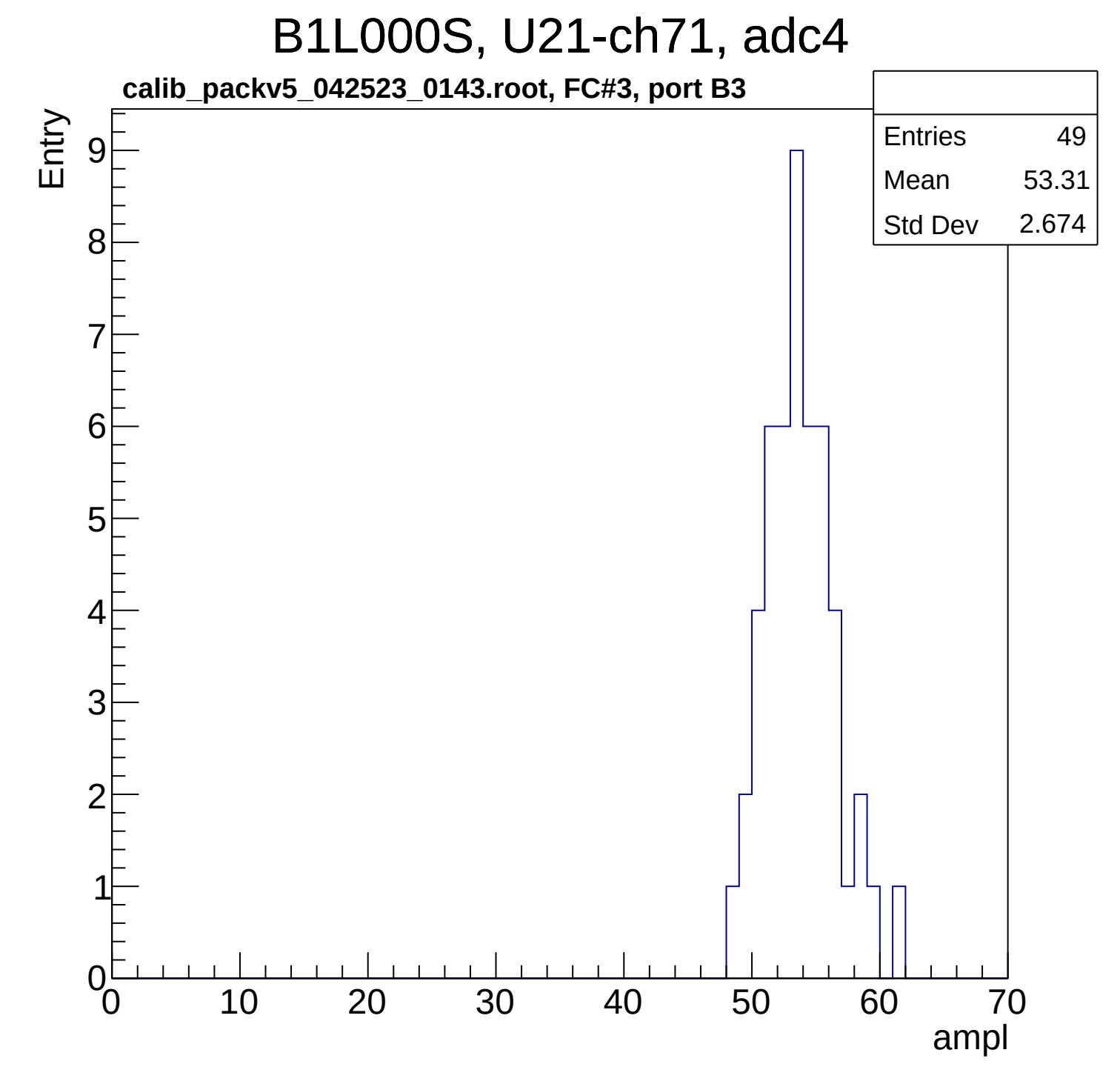

B1L000S, U21-ch70, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 41.5
Std Dev 21.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

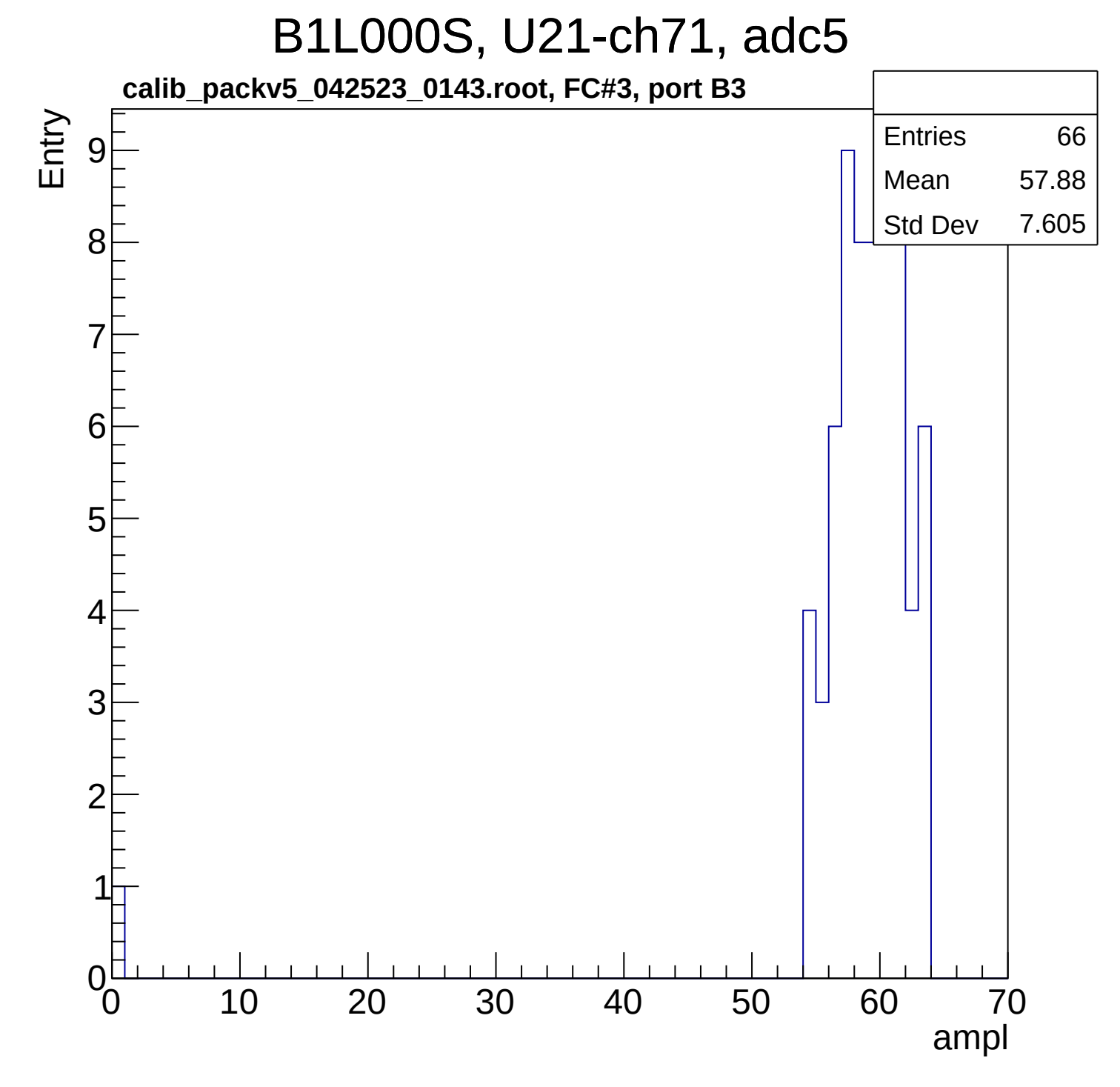

B1L000S, U21-ch71, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 27.95
Std Dev 4.644
Gaus mean : 28.8565
Gaus Width: 3.2327
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

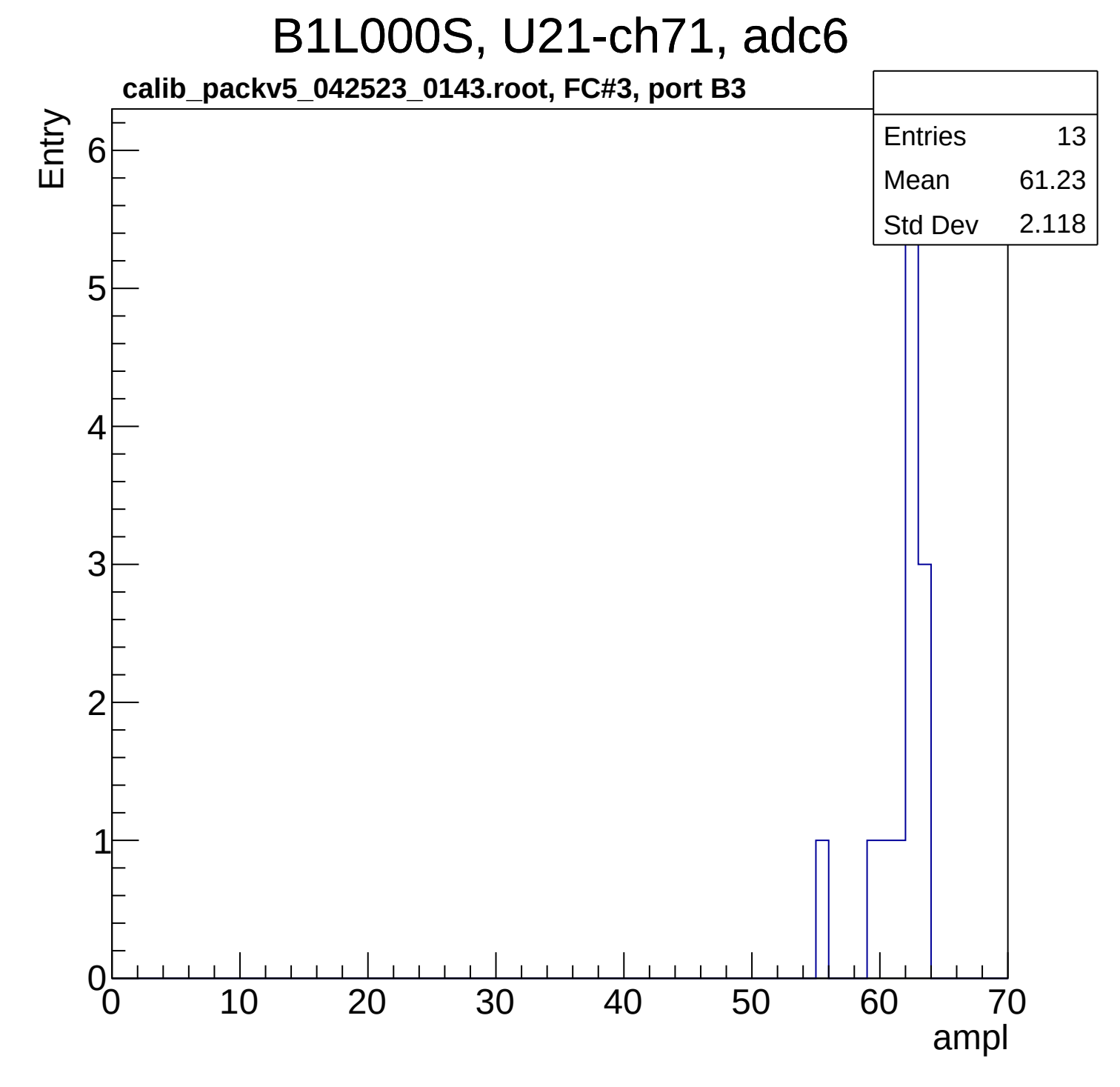

B1L000S, U21-ch71, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 34.93
Std Dev 2.84
Gaus mean : 35.6059
Gaus Width: 2.7942
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

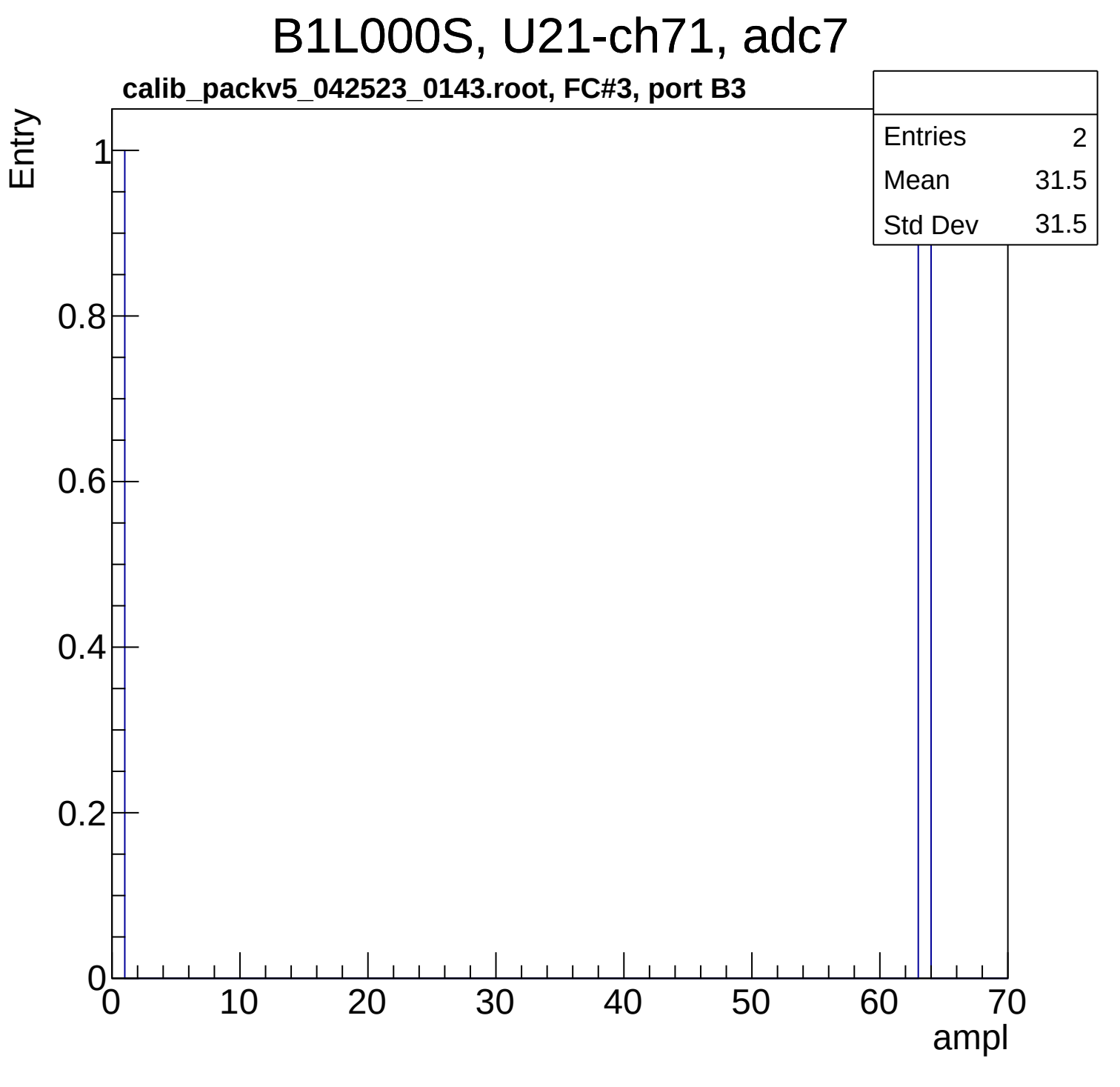

B1L000S, U21-ch71, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 41.56
Std Dev 2.861
Gaus mean : 41.8925
Gaus Width: 2.9918
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

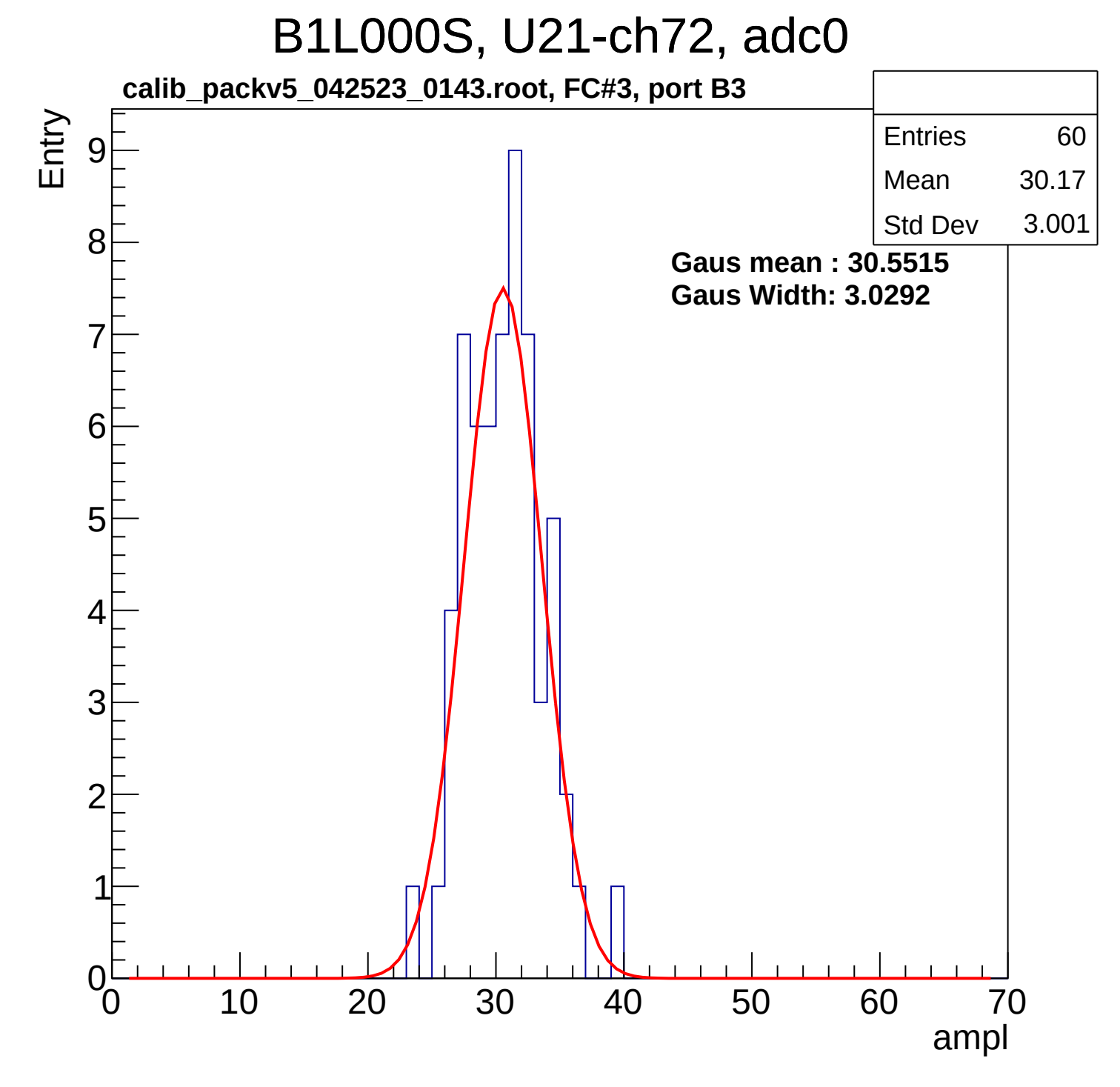

B1L000S, U21-ch71, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 47.53
Std Dev 2.878
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

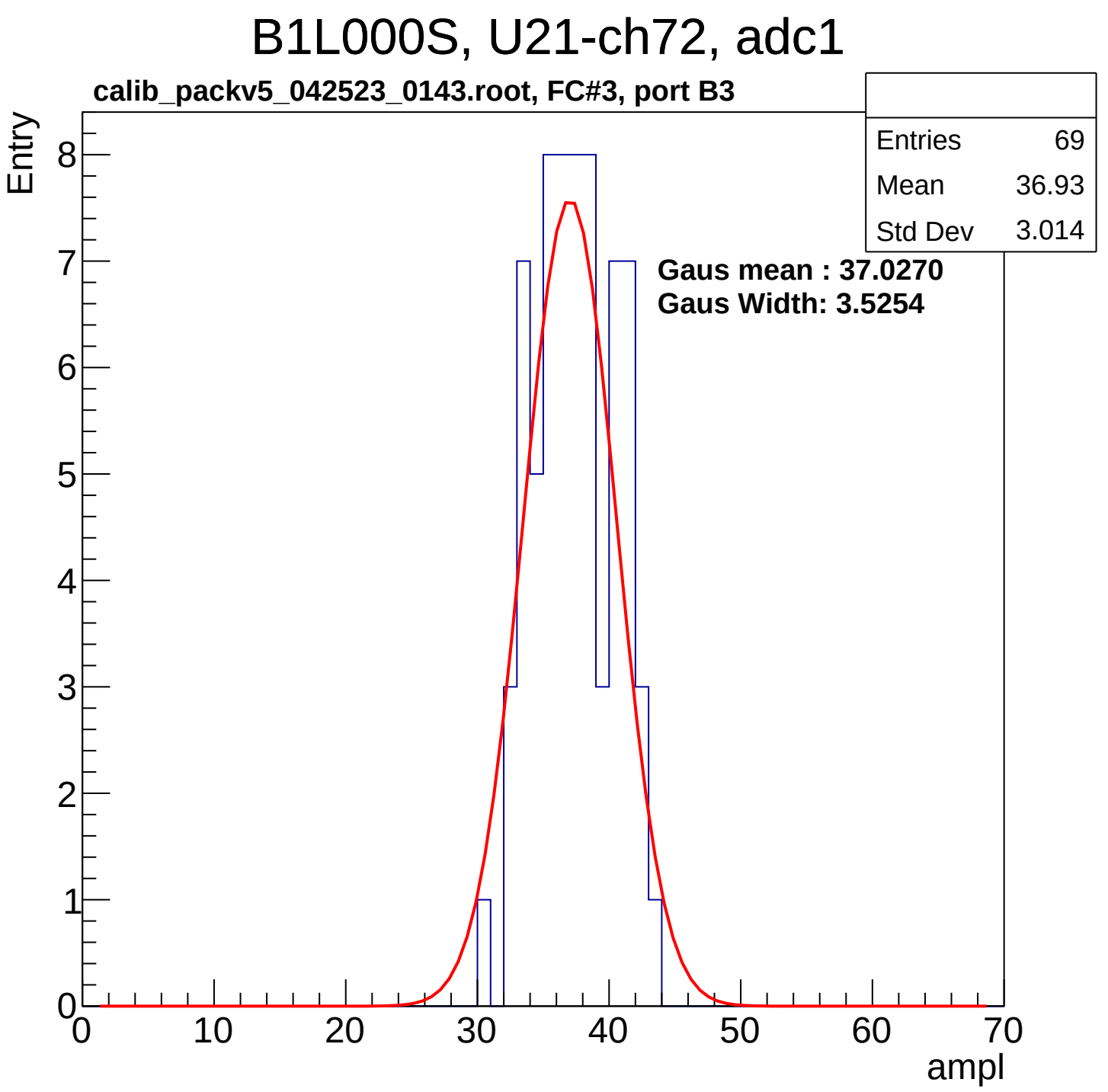

B1L000S, U21-ch71, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 53.31
Std Dev 2.674
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

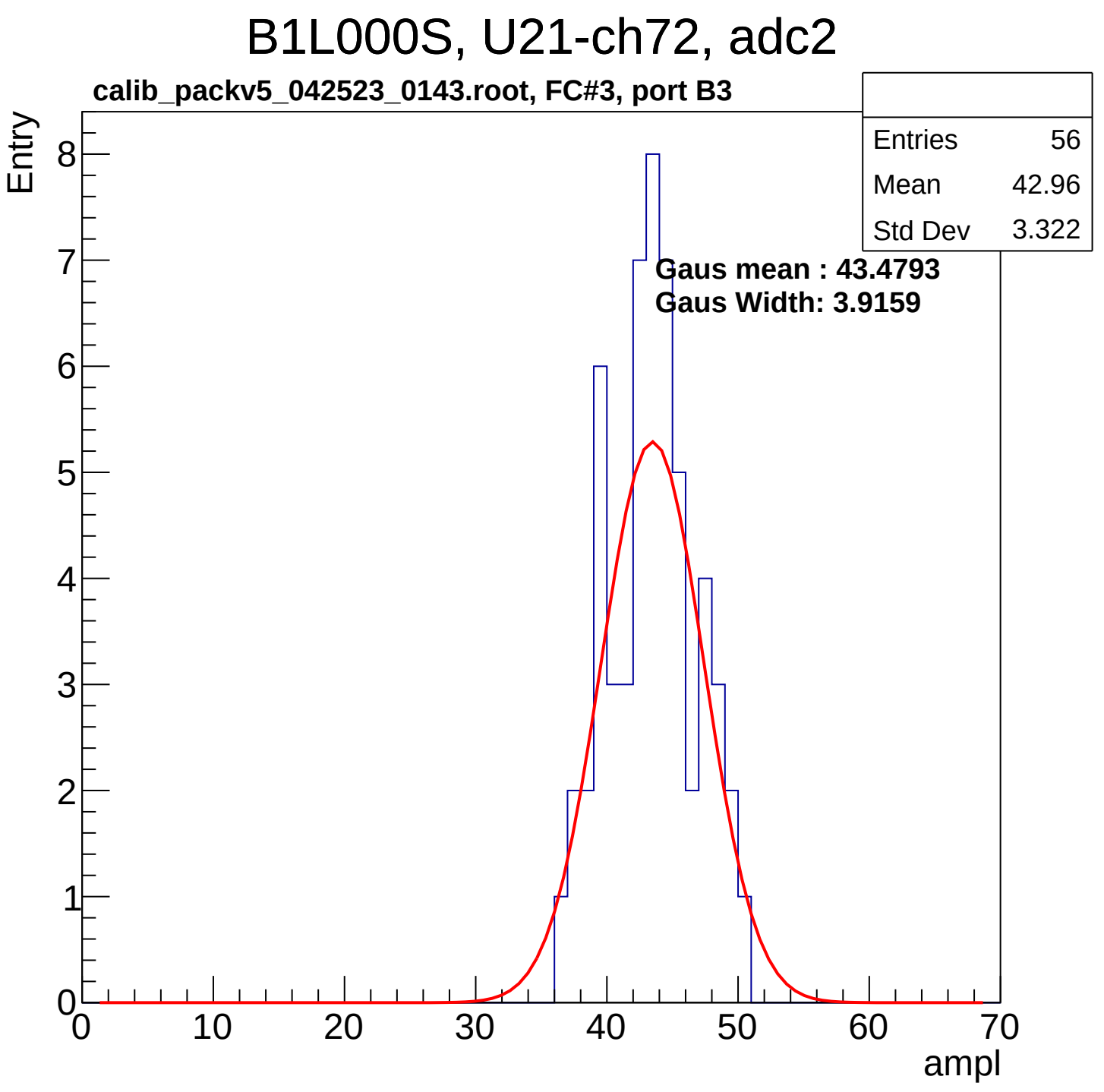

B1L000S, U21-ch71, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 57.88
Std Dev 7.605
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

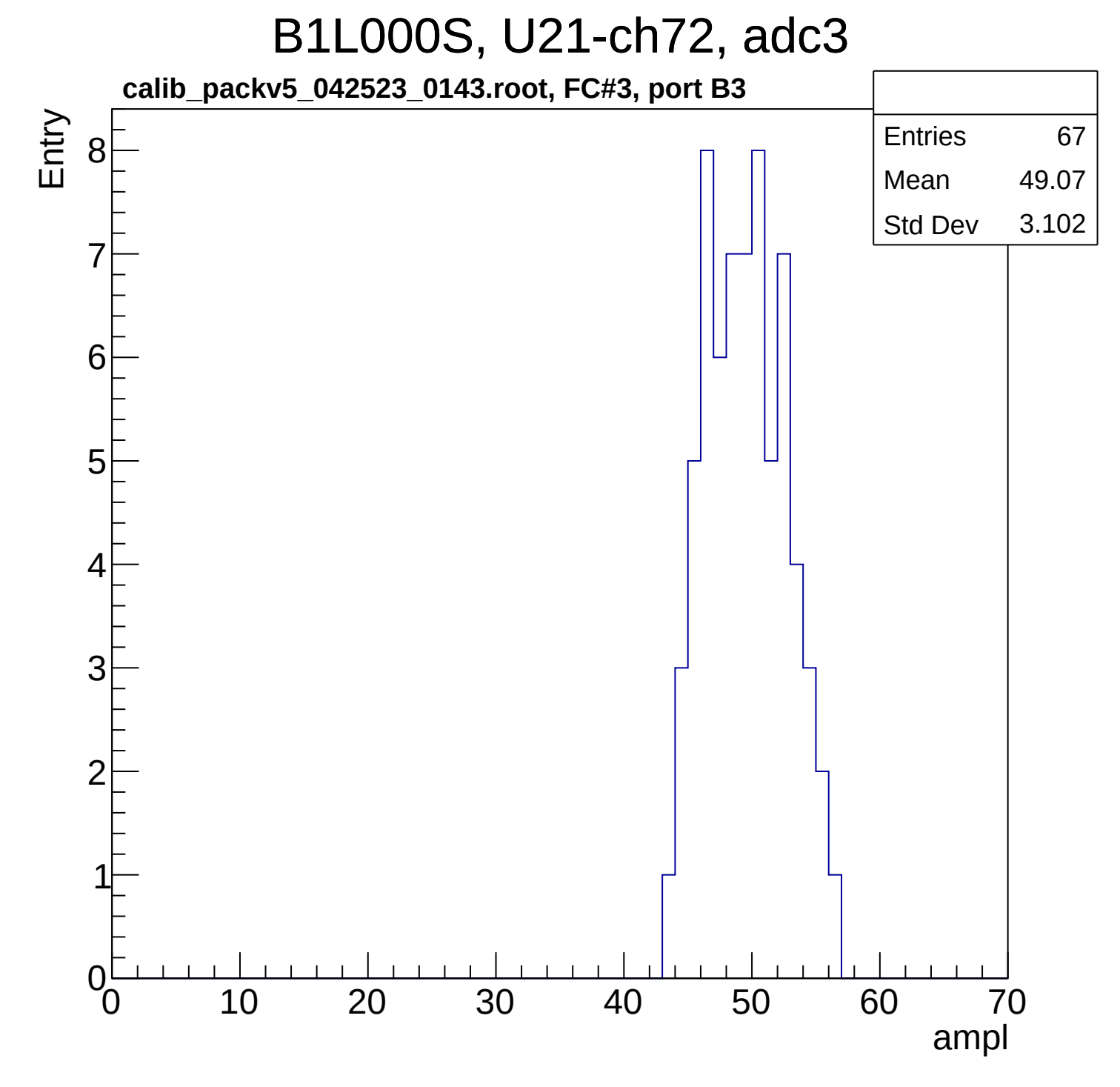

B1L000S, U21-ch71, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 61.23
Std Dev 2.118
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

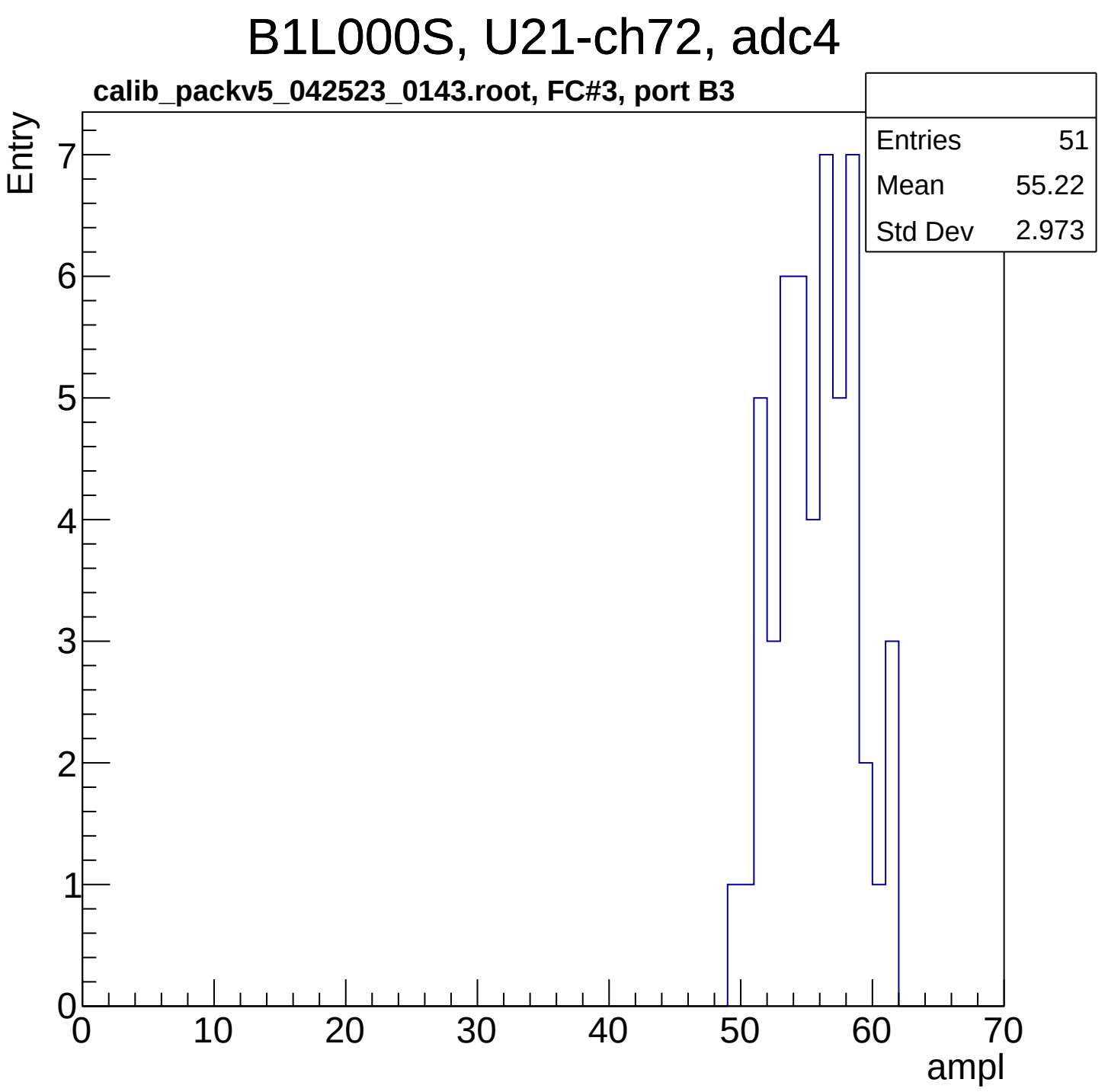

B1L000S, U21-ch71, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 31.5
Std Dev 31.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

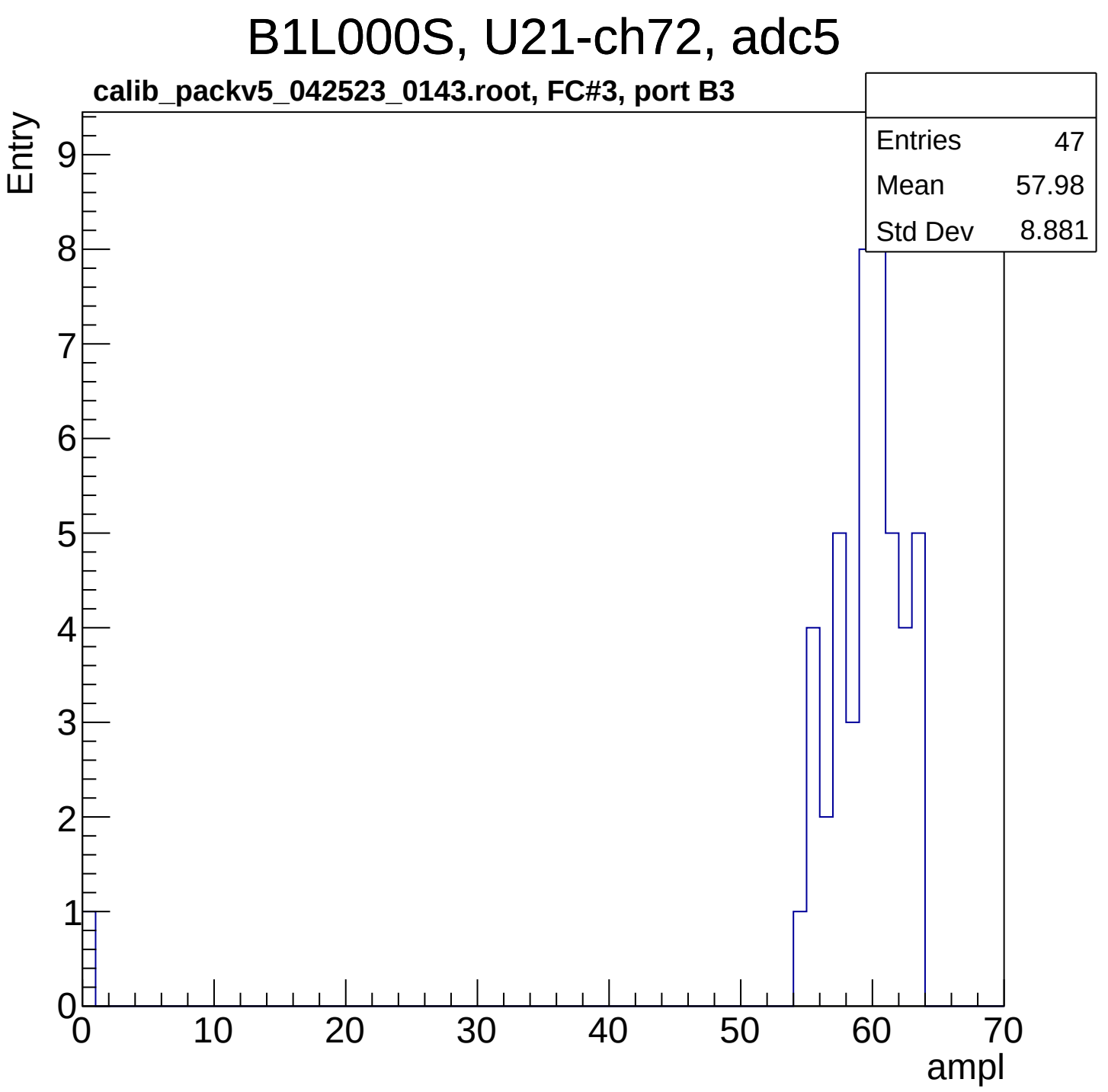

B1L000S, U21-ch72, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 30.17
Std Dev 3.001
Gaus mean : 30.5515
Gaus Width: 3.0292
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

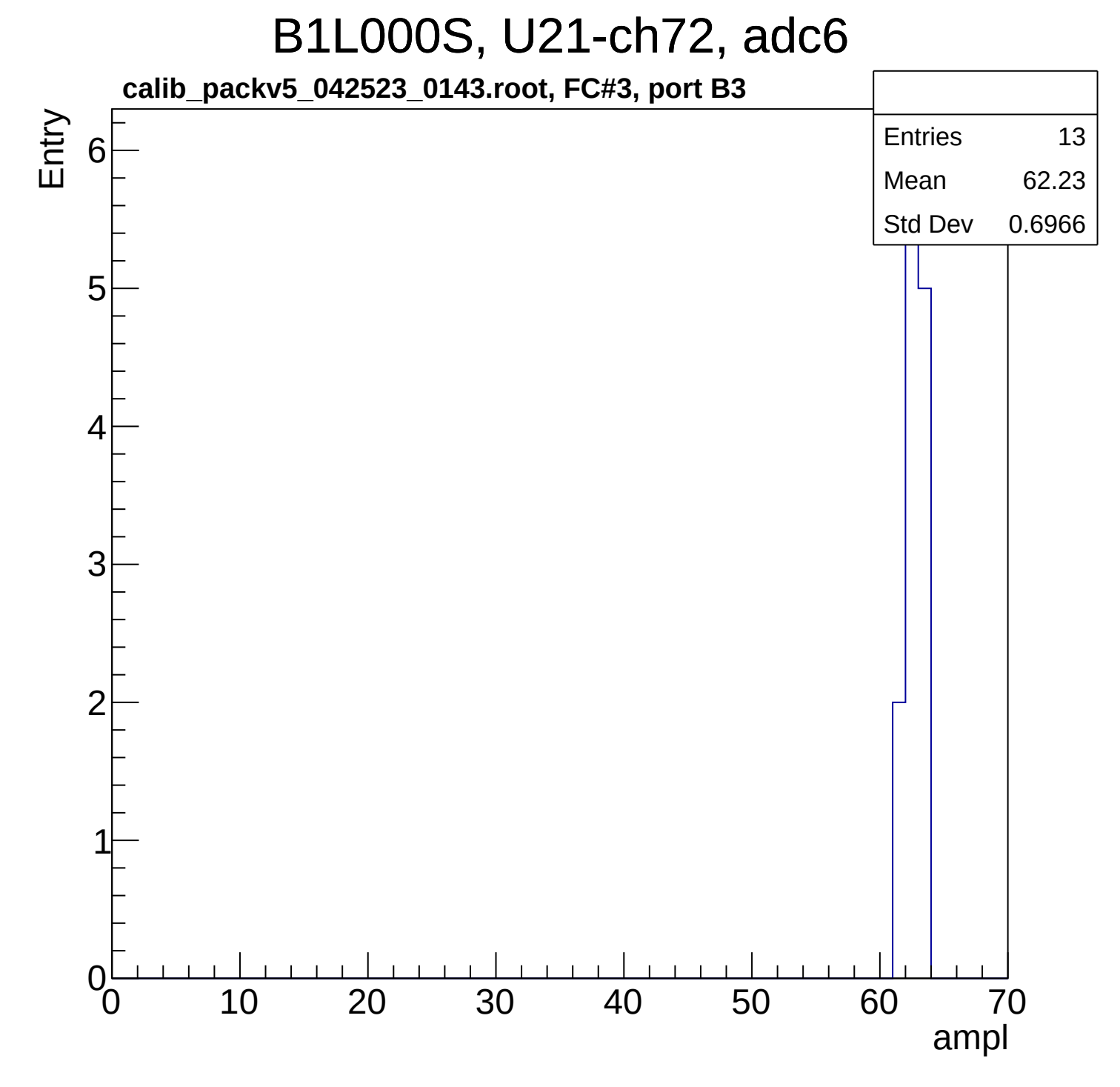

B1L000S, U21-ch72, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 36.93
Std Dev 3.014
Gaus mean : 37.0270
Gaus Width: 3.5254
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

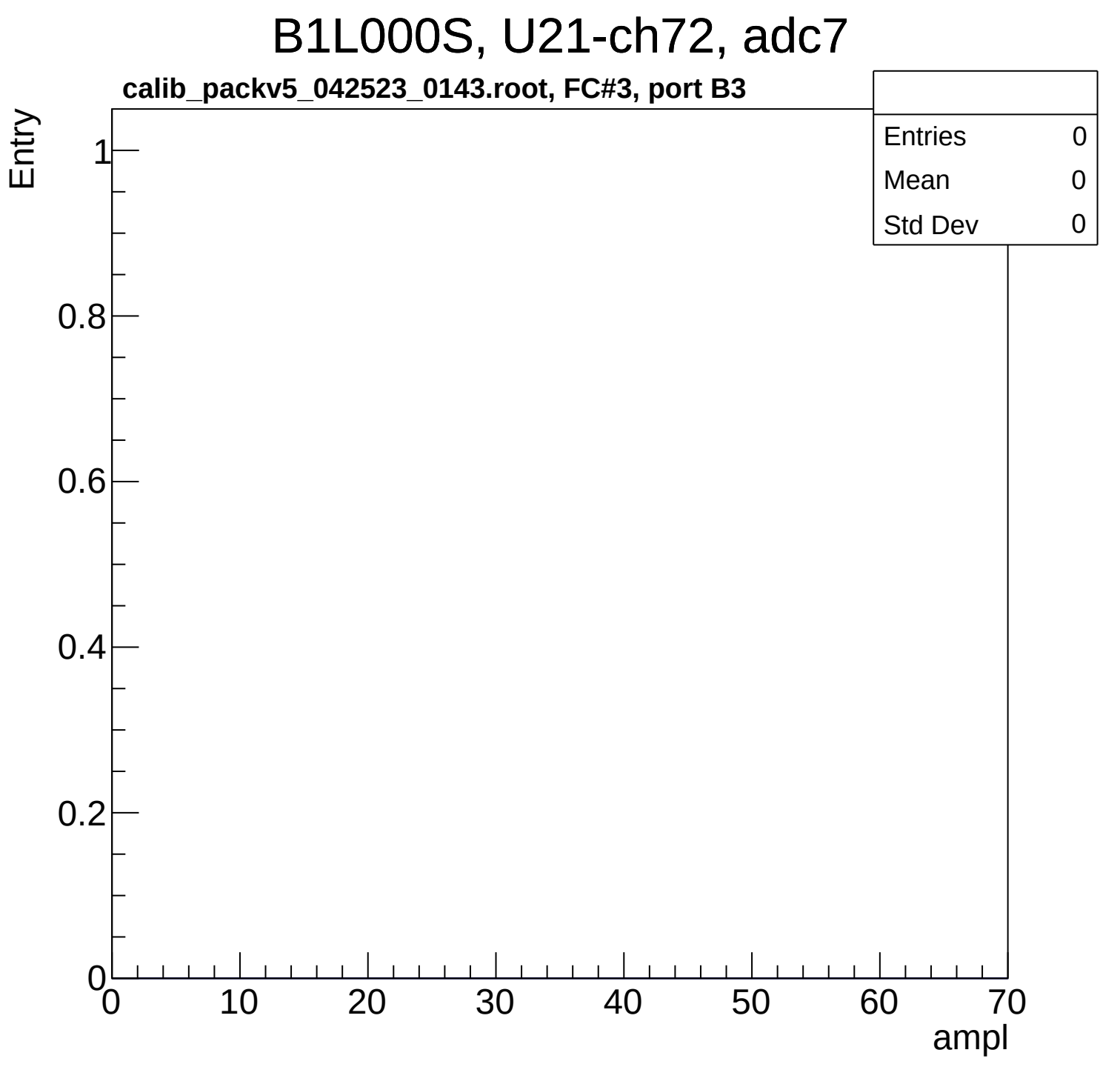

B1L000S, U21-ch72, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 42.96
Std Dev 3.322
Gaus mean : 43.4793
Gaus Width: 3.9159
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

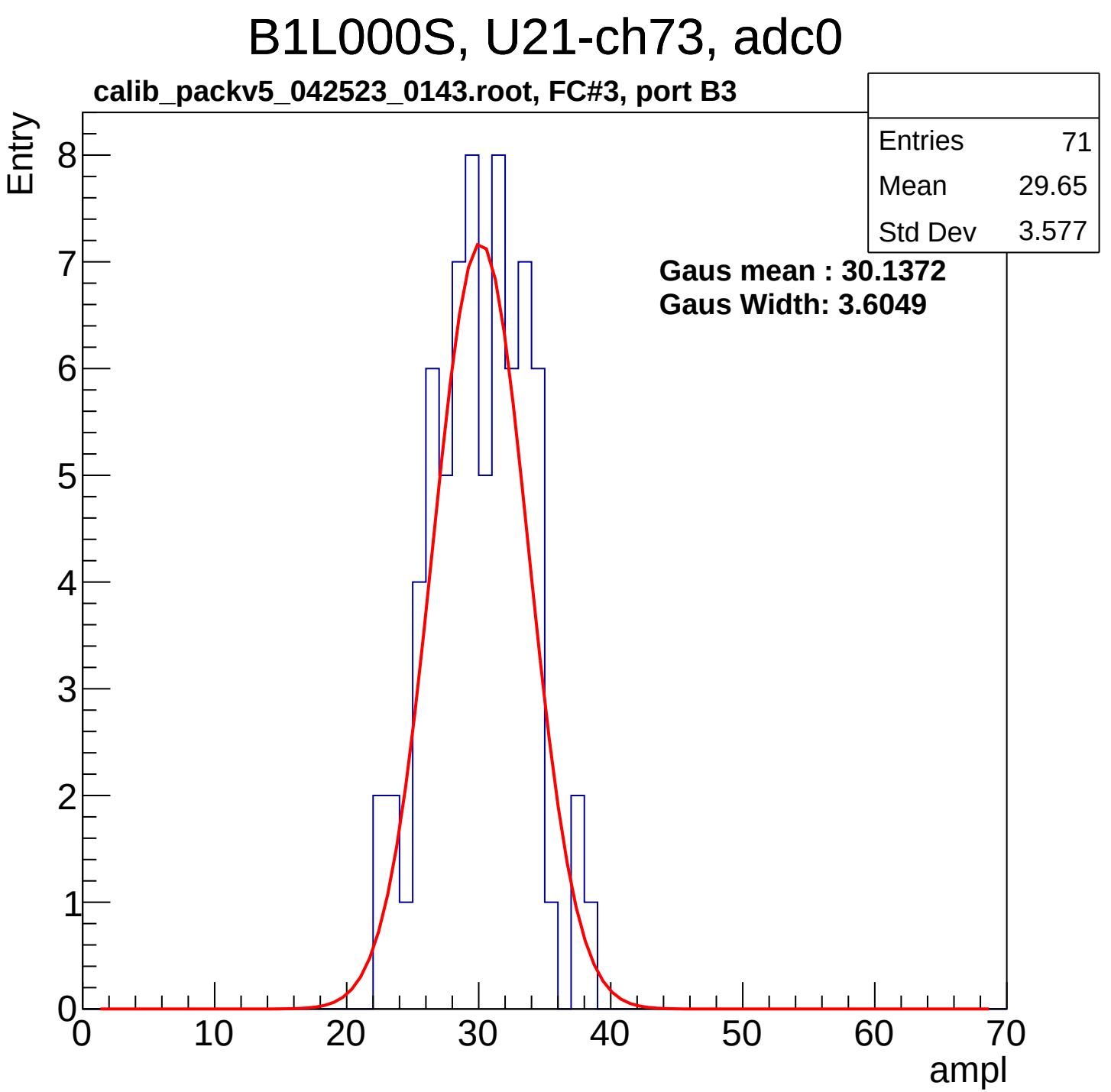

B1L000S, U21-ch72, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 49.07
Std Dev 3.102
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

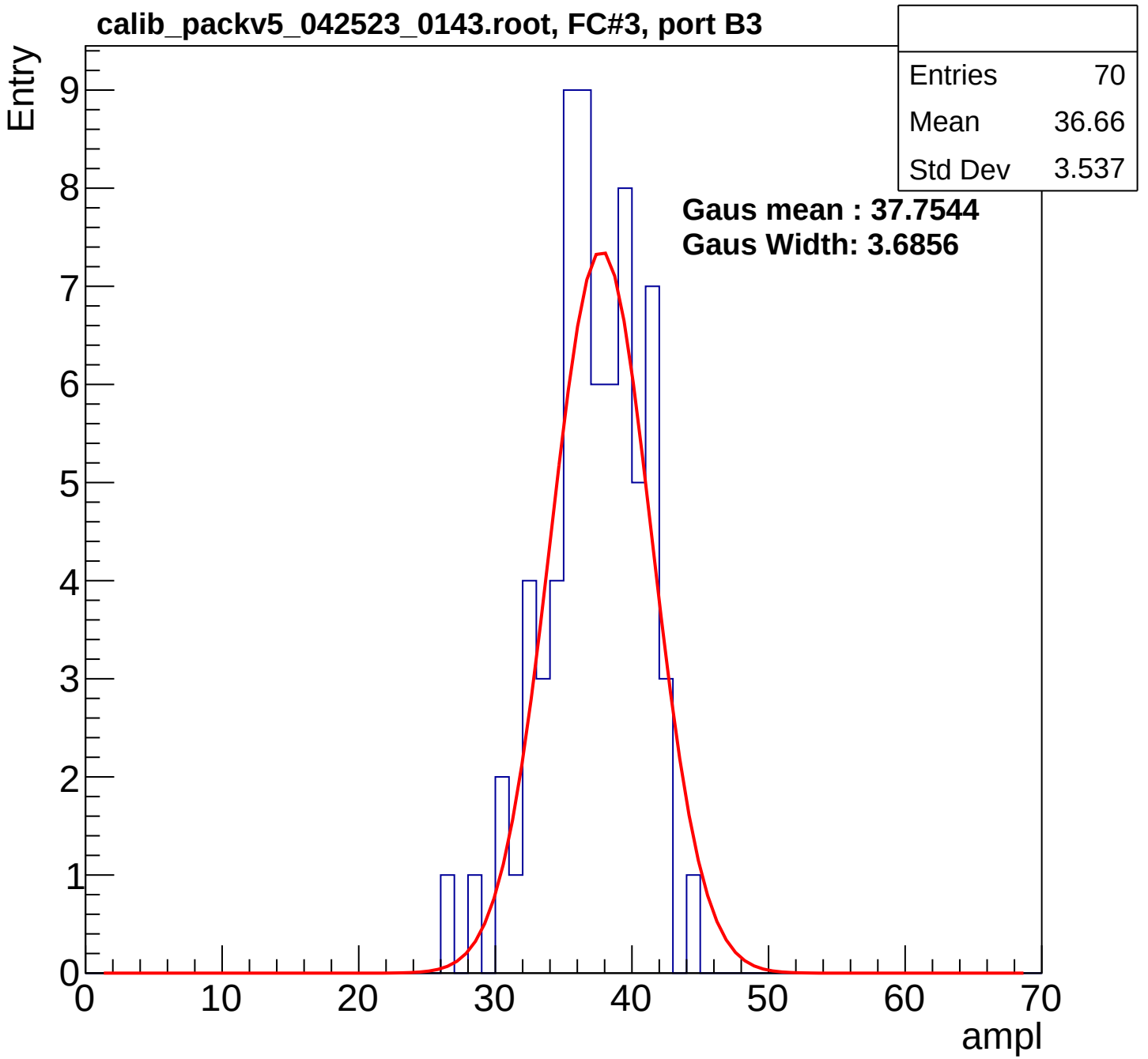

B1L000S, U21-ch72, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 55.22
Std Dev 2.973
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

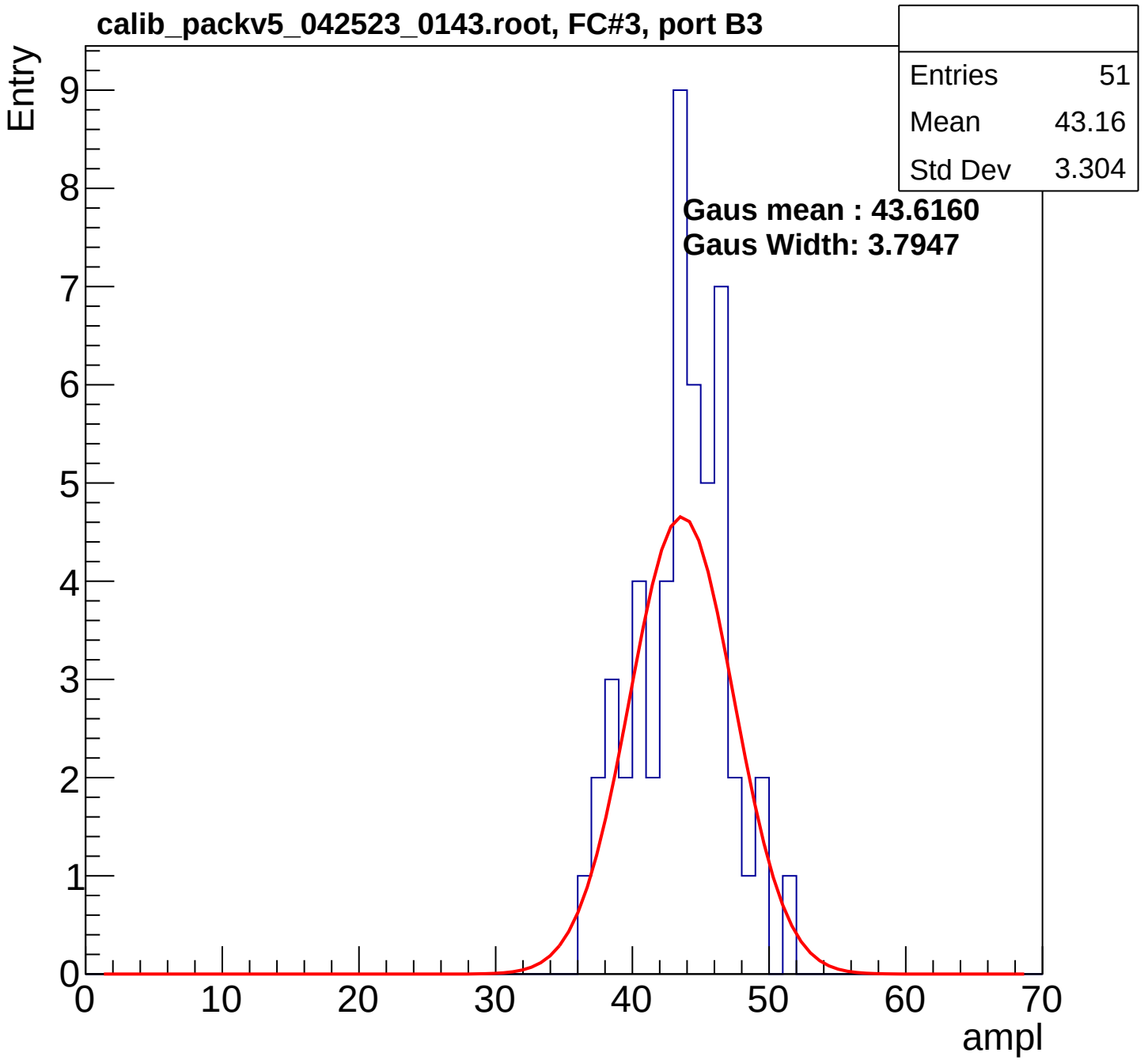

B1L000S, U21-ch72, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 57.98
Std Dev 8.881
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

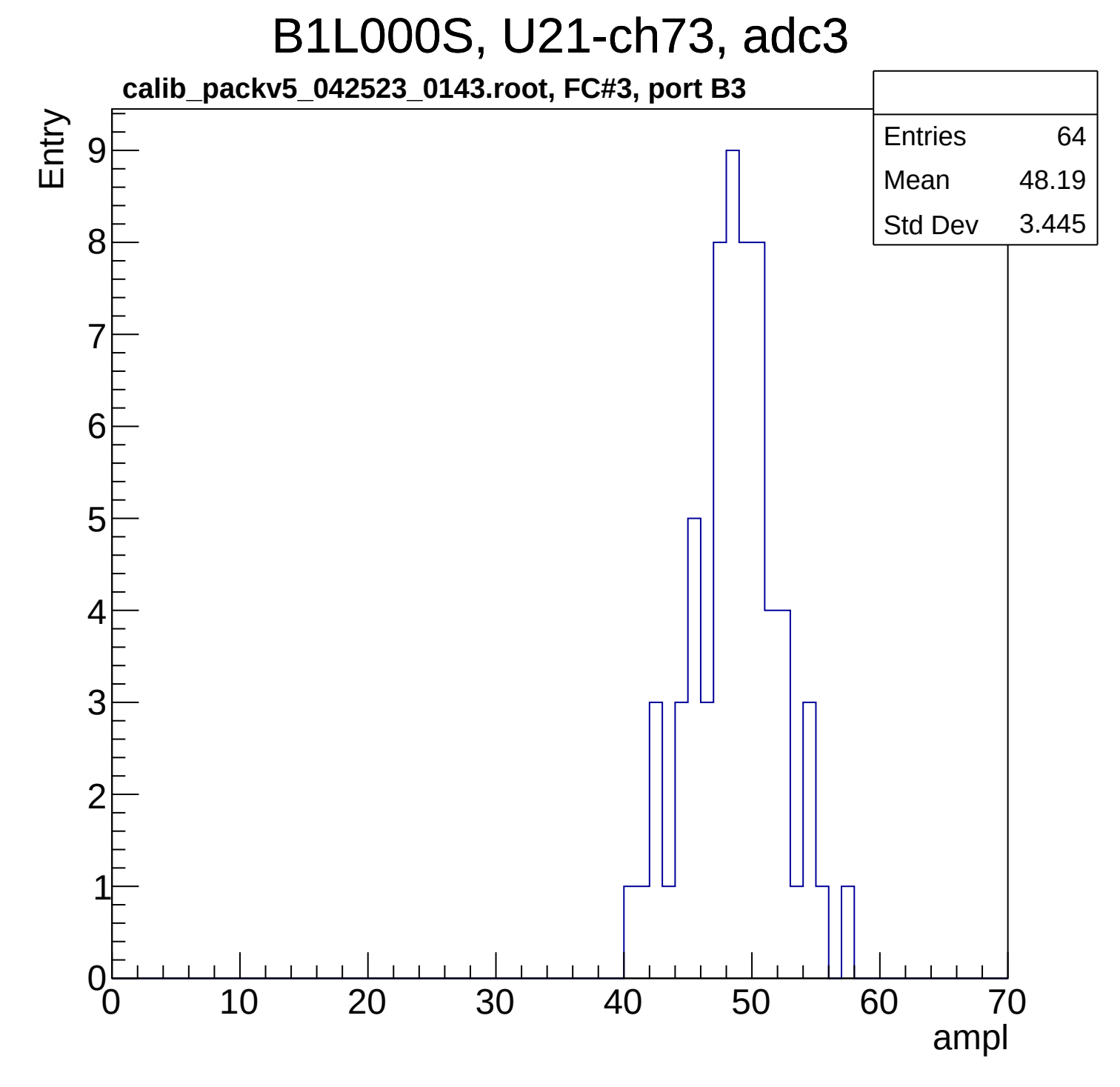

B1L000S, U21-ch72, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 62.23
Std Dev 0.6966
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

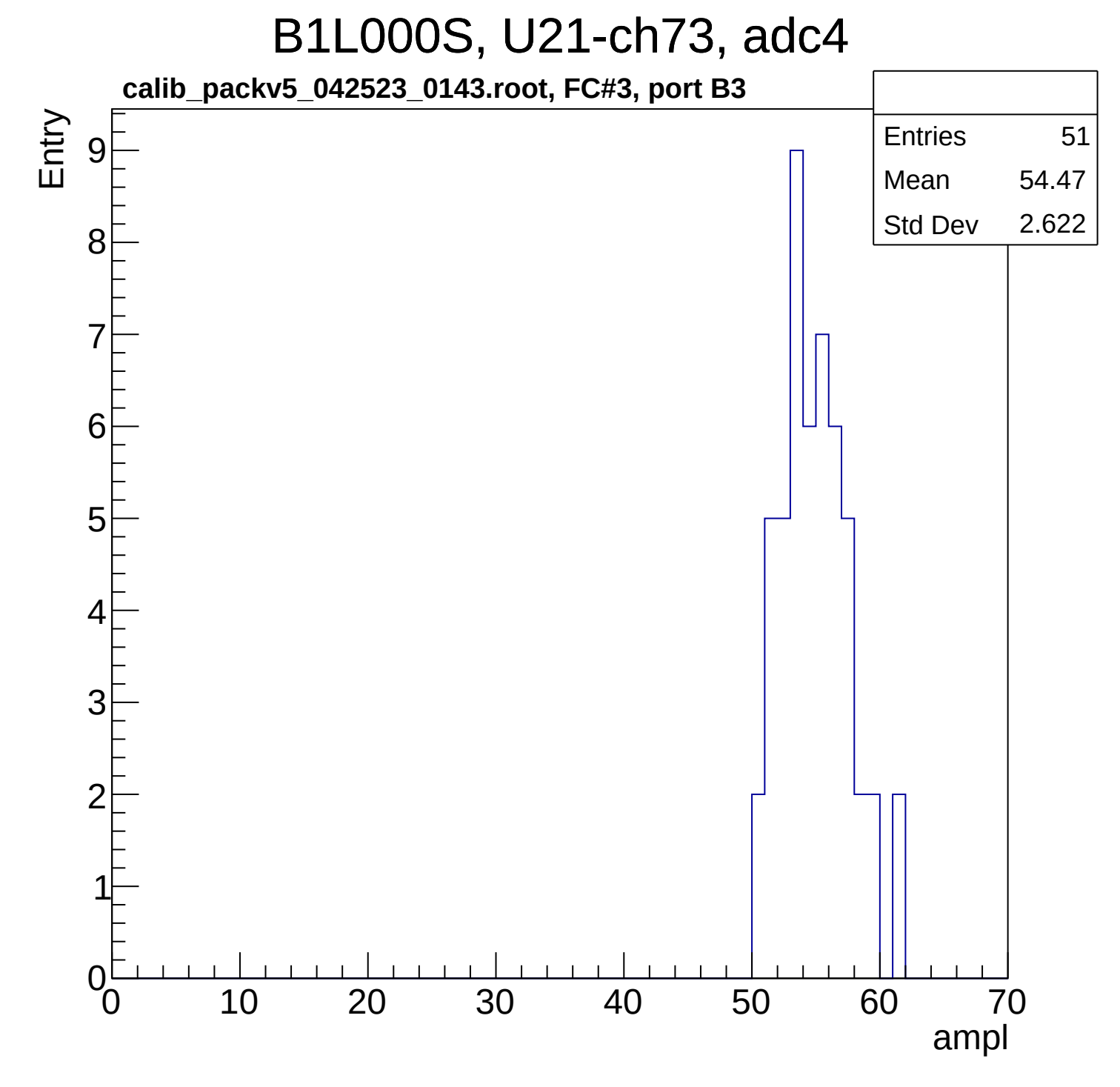

B1L000S, U21-ch72, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

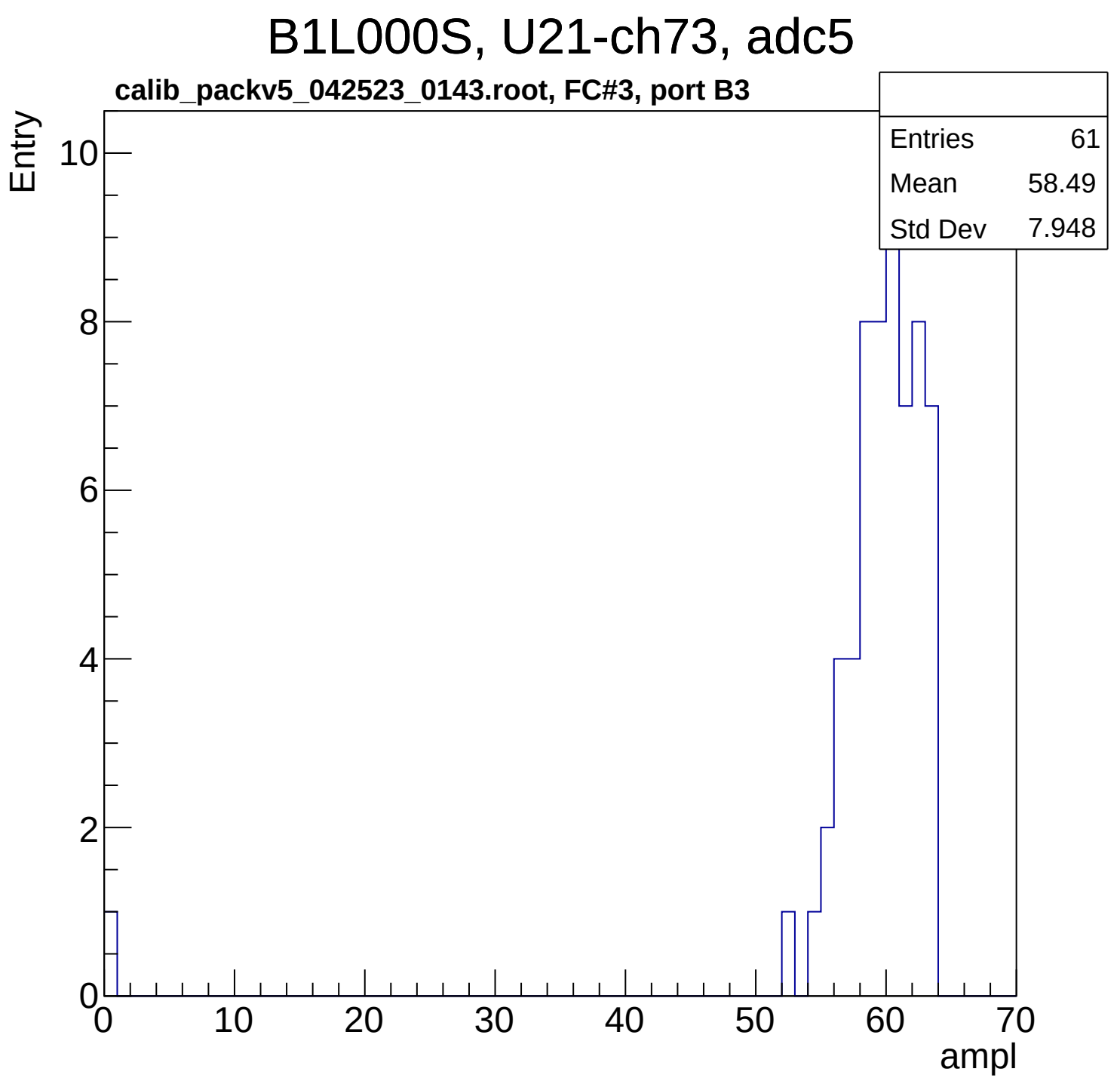

B1L000S, U21-ch73, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 29.65
Std Dev 3.577
Gaus mean : 30.1372
Gaus Width: 3.6049
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

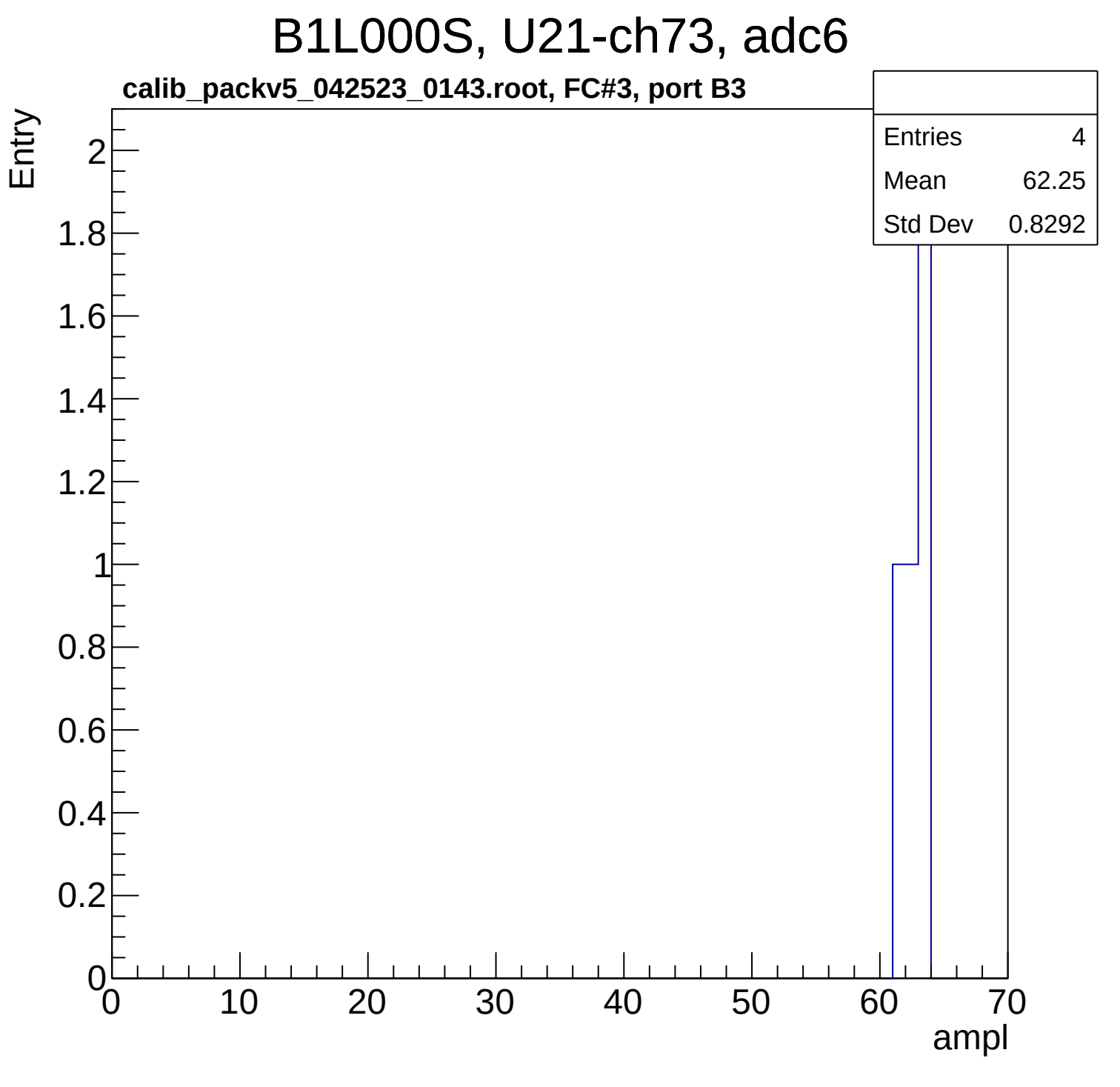

B1L000S, U21-ch73, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 36.66
Std Dev 3.537
Gaus mean : 37.7544
Gaus Width: 3.6856
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

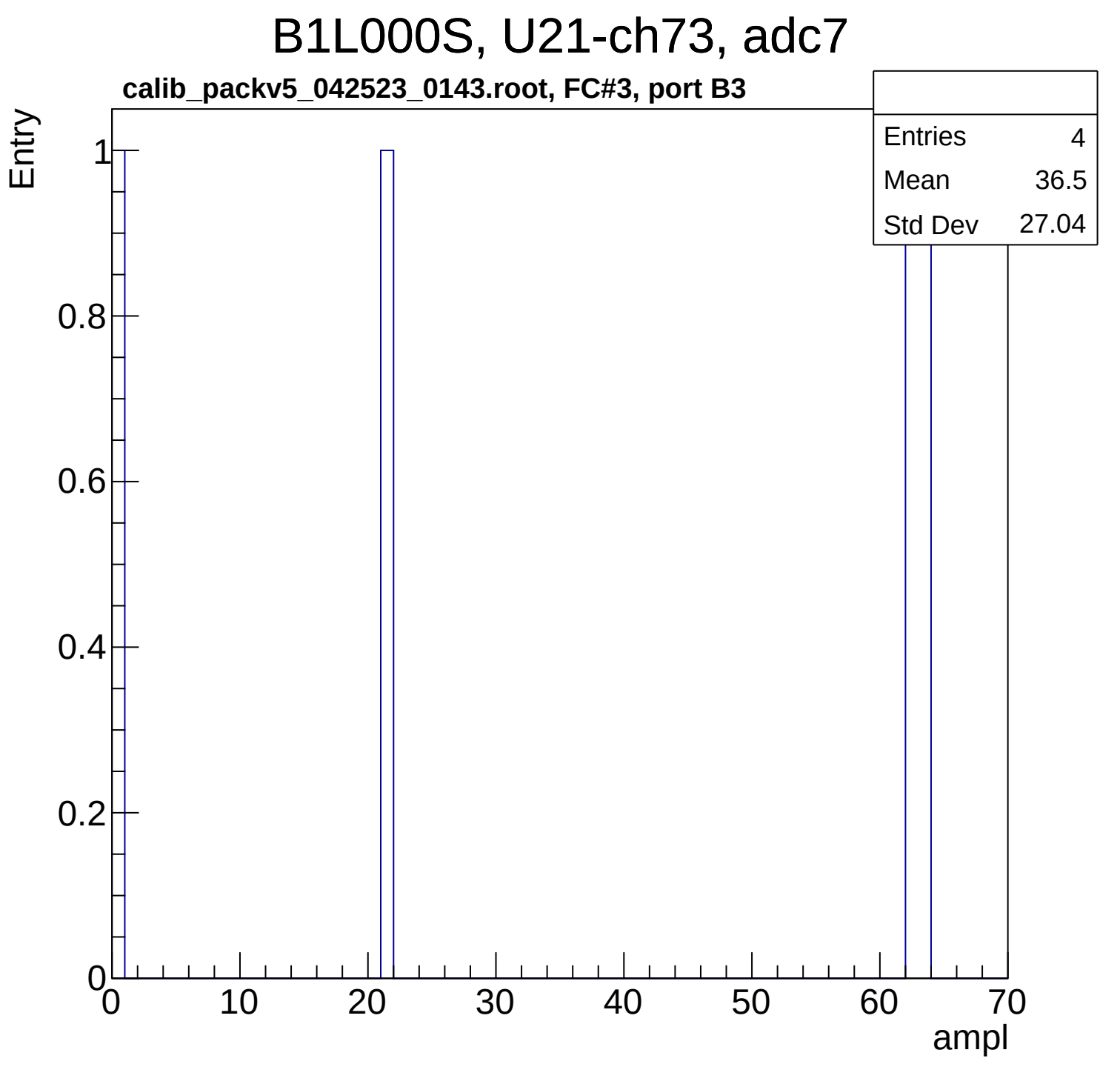

B1L000S, U21-ch73, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 43.16
Std Dev 3.304
Gaus mean : 43.6160
Gaus Width: 3.7947
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

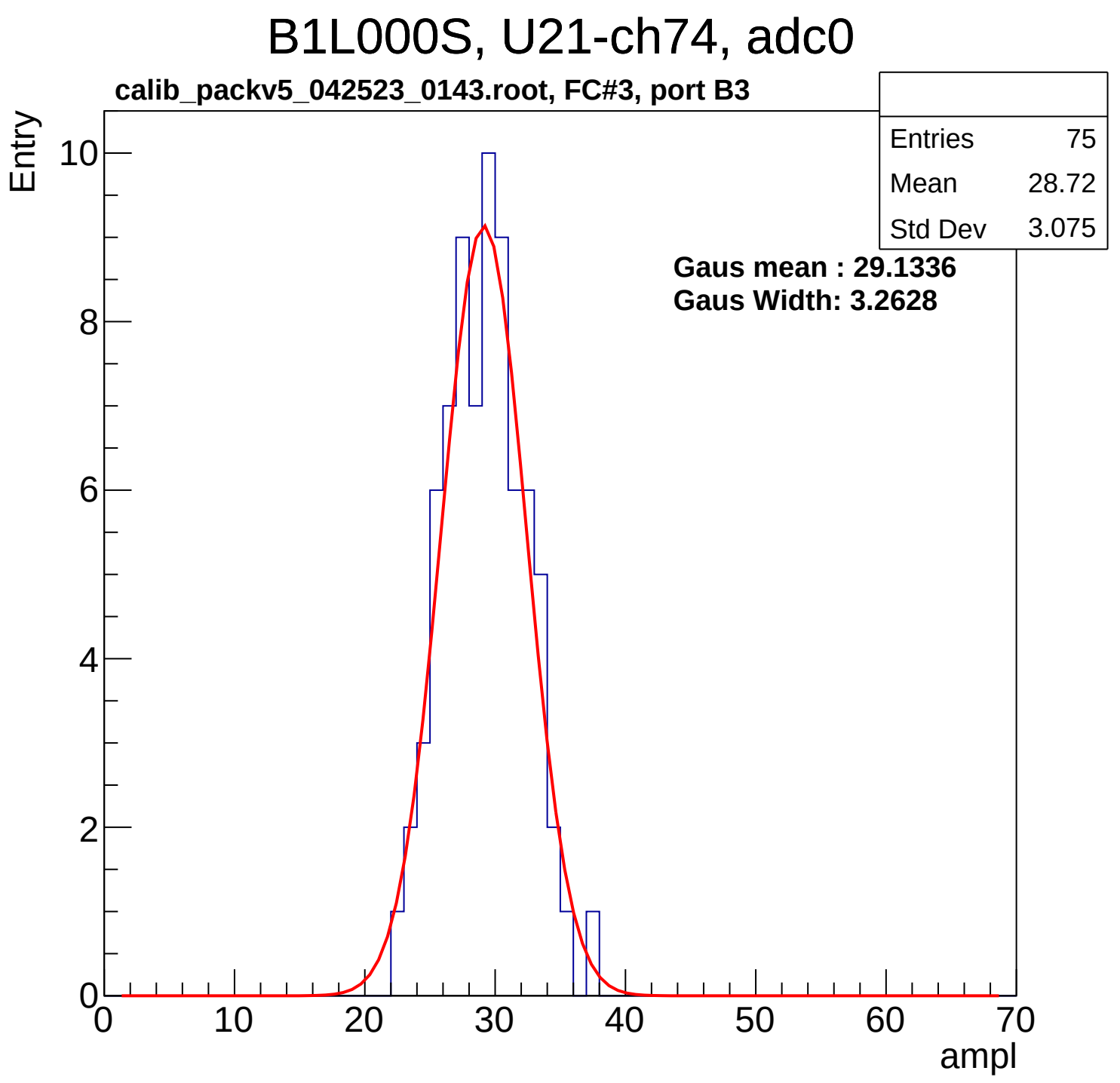

B1L000S, U21-ch73, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 48.19
Std Dev 3.445
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

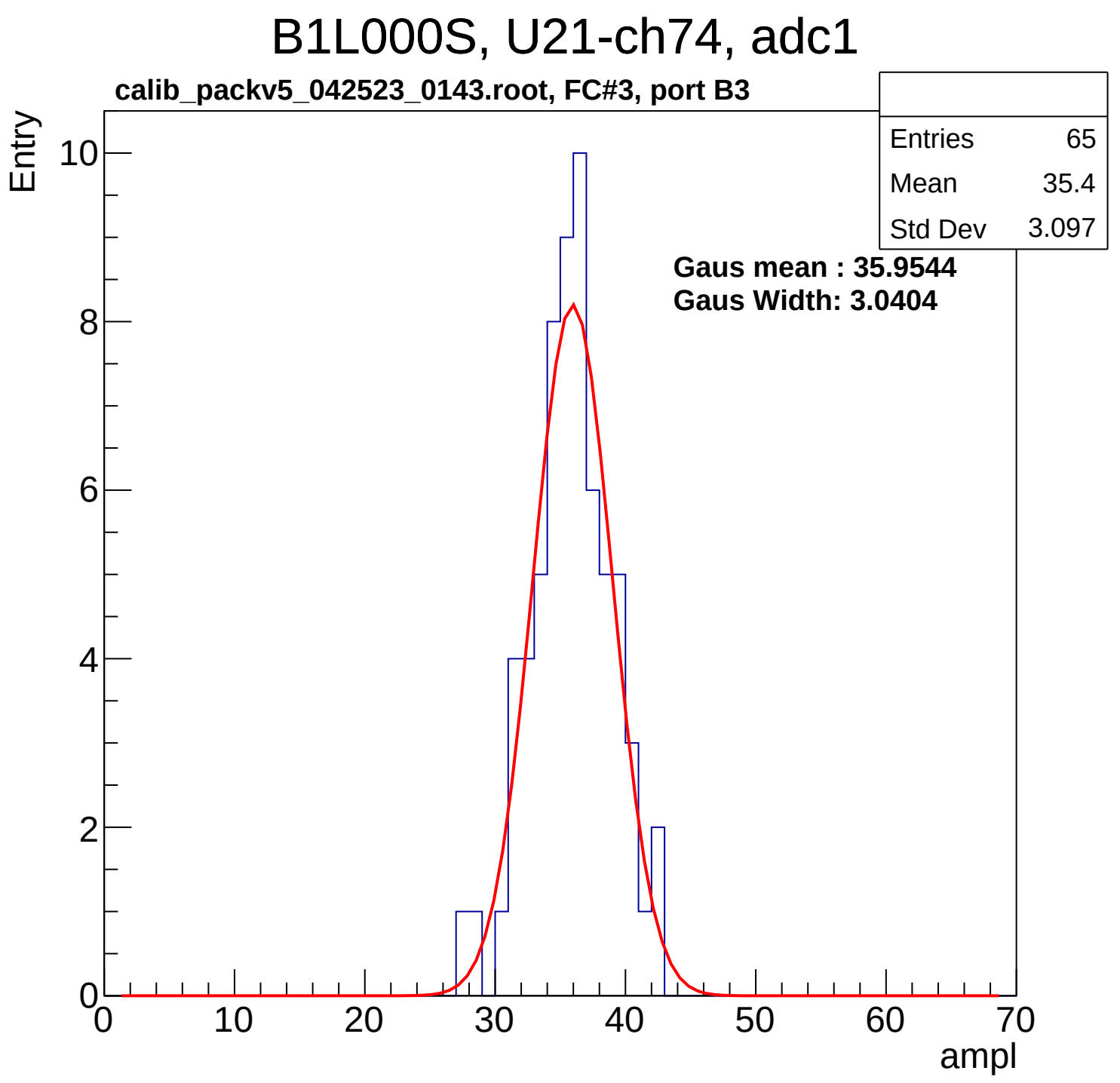

B1L000S, U21-ch73, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 54.47
Std Dev 2.622
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

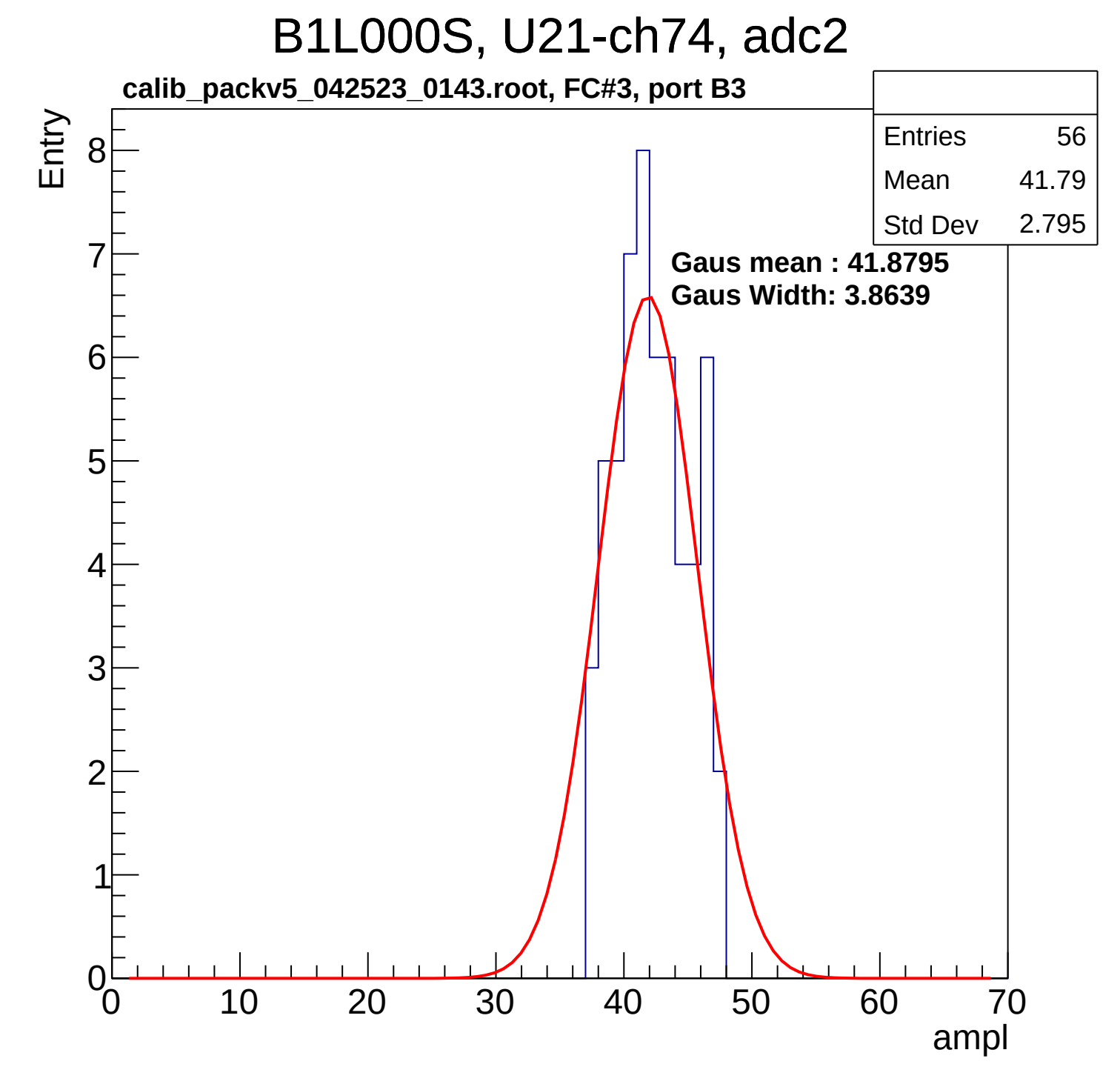

B1L000S, U21-ch73, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 58.49
Std Dev 7.948
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

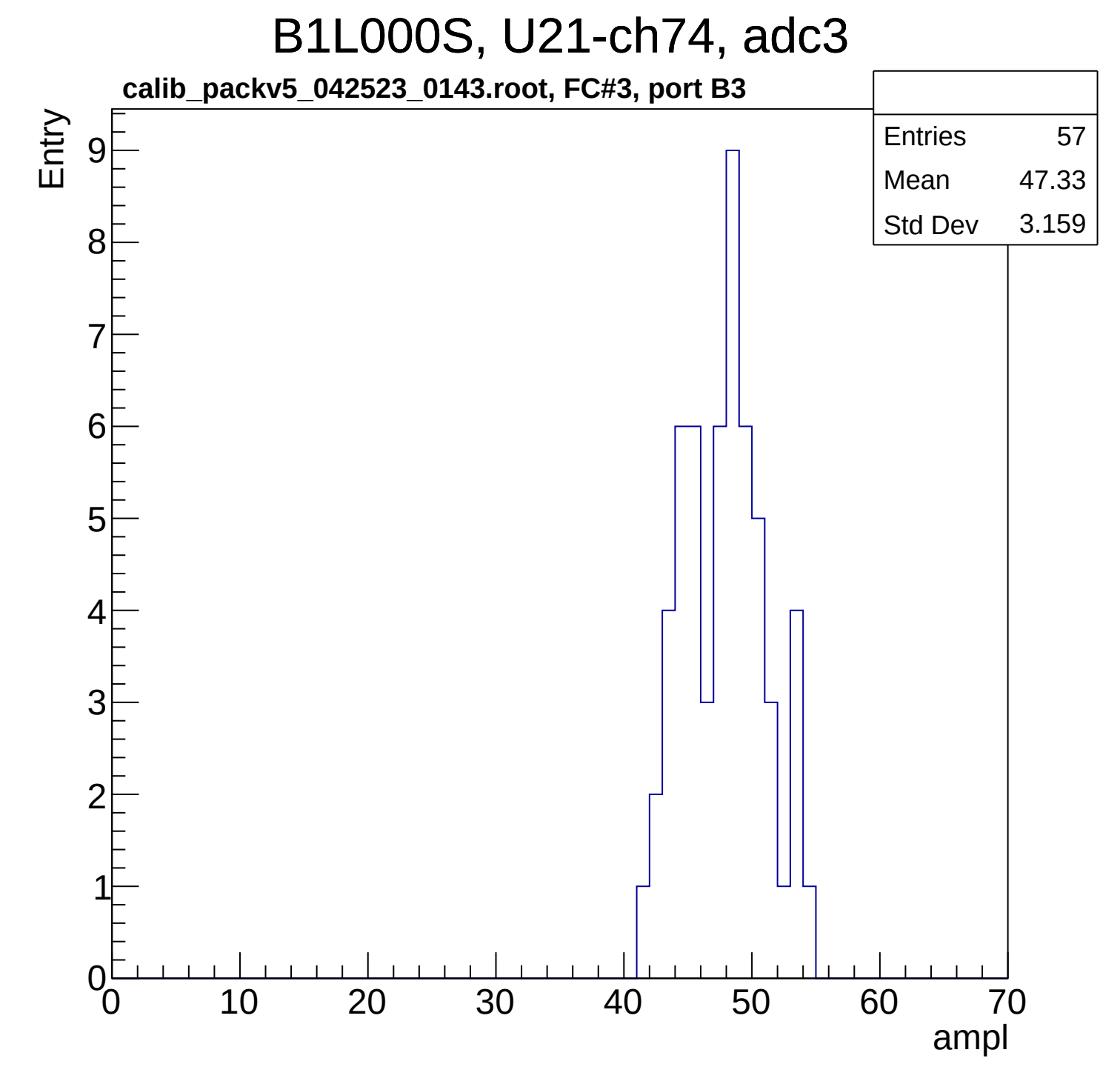

B1L000S, U21-ch73, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 62.25
Std Dev 0.8292
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

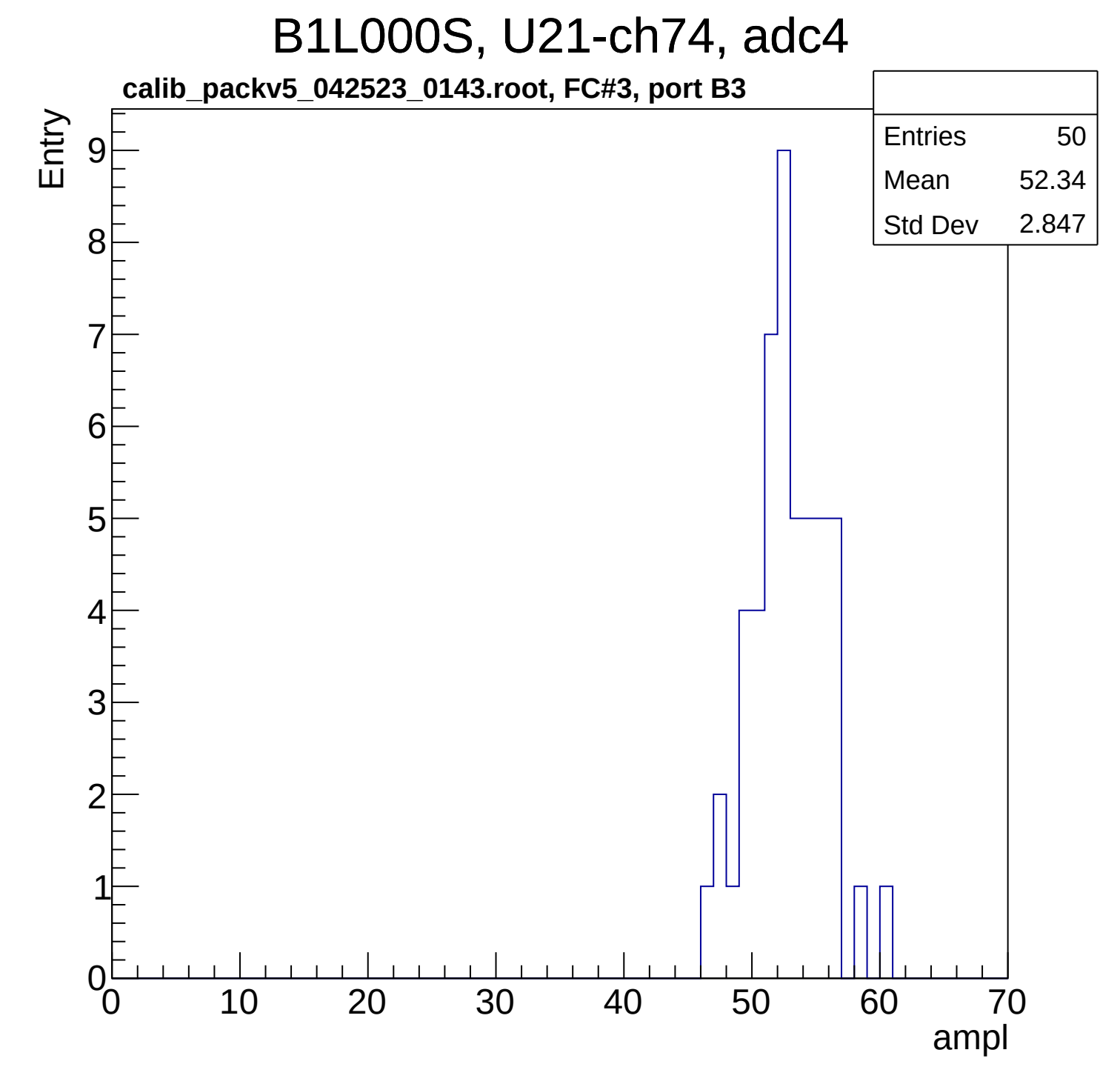

B1L000S, U21-ch73, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 36.5
Std Dev 27.04
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70

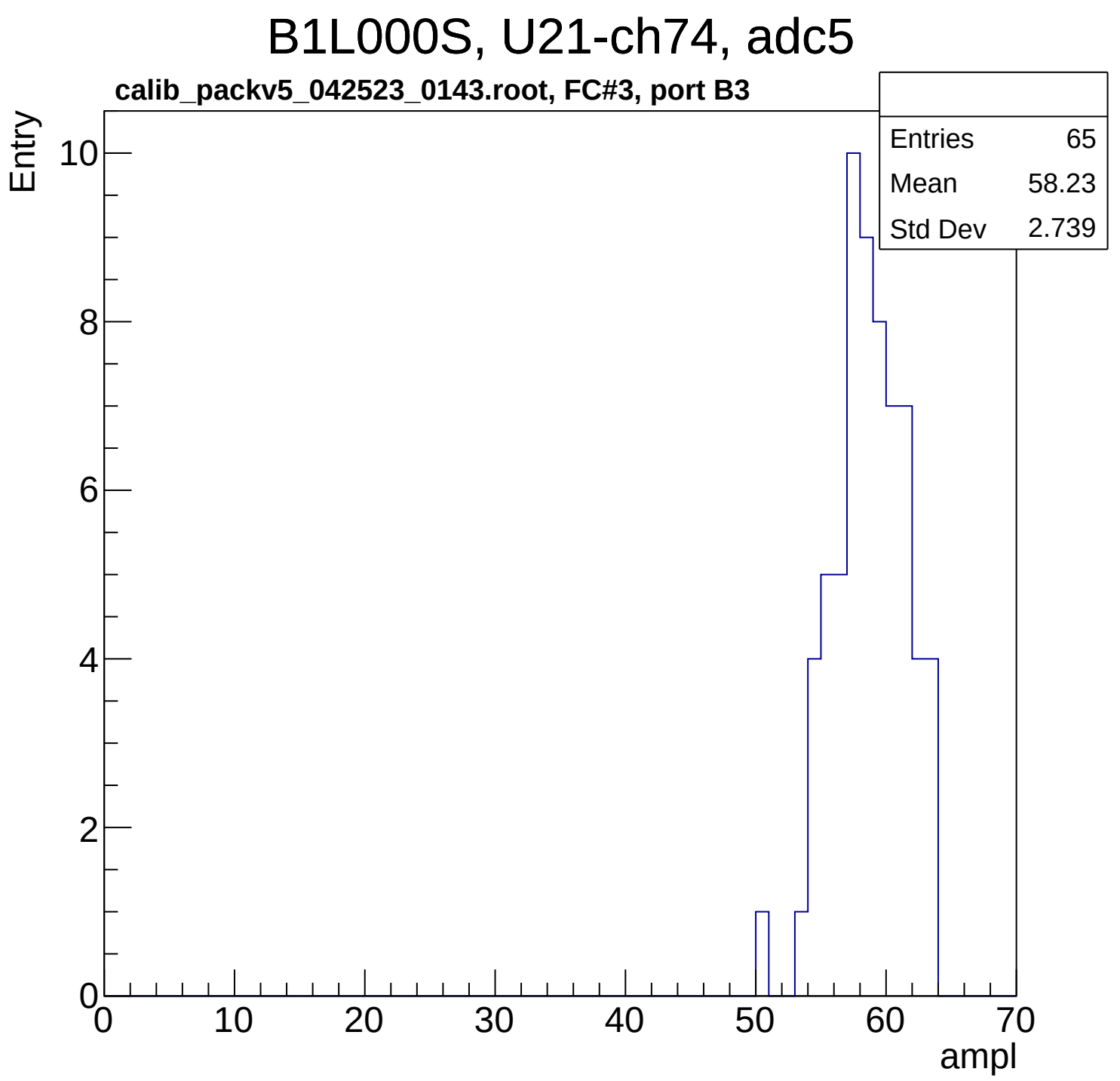

B1L000S, U21-ch74, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 28.72
Std Dev 3.075
Gaus mean : 29.1336
Gaus Width: 3.2628
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

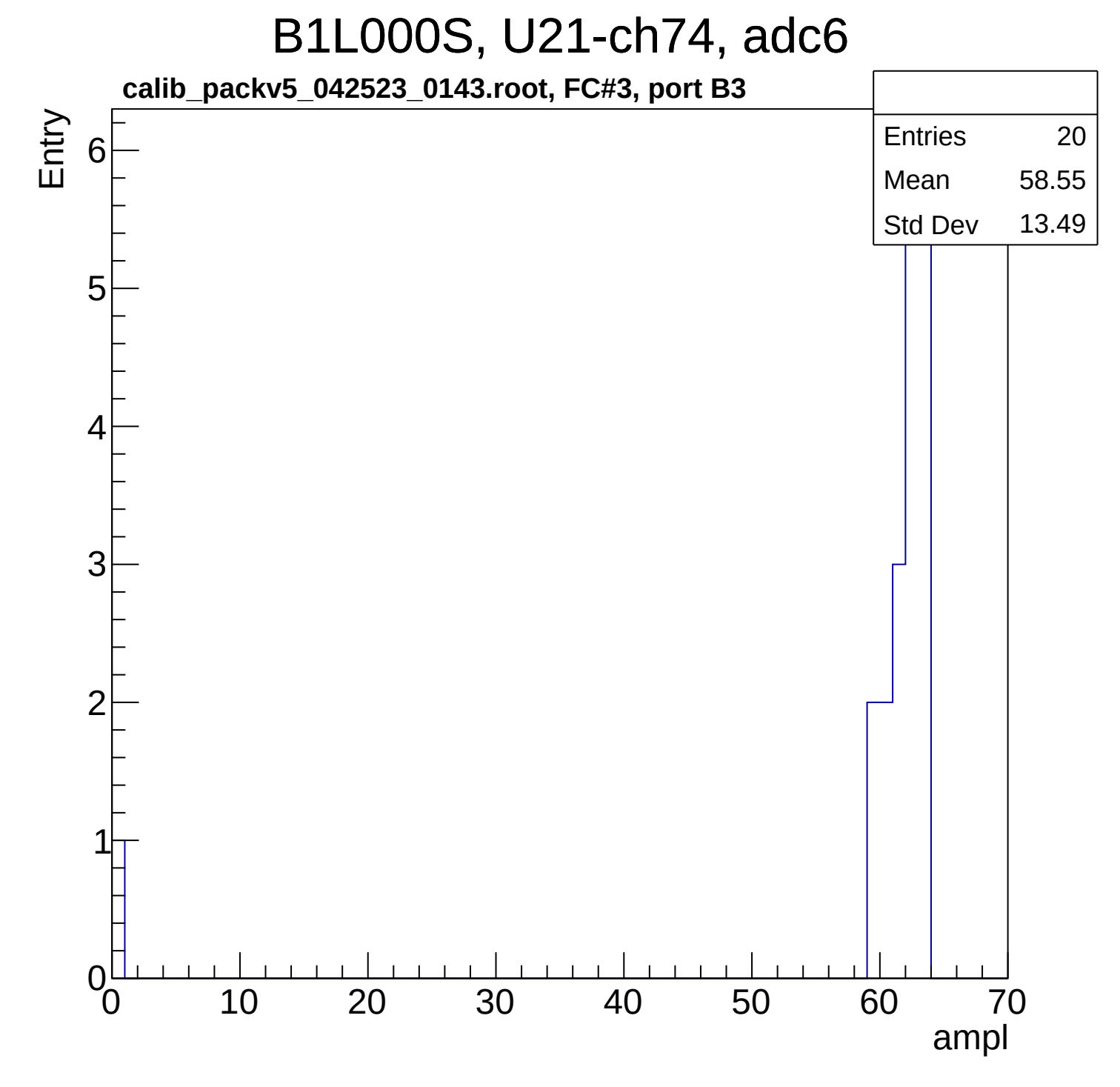

B1L000S, U21-ch74, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 35.4
Std Dev 3.097
Gaus mean : 35.9544
Gaus Width: 3.0404
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

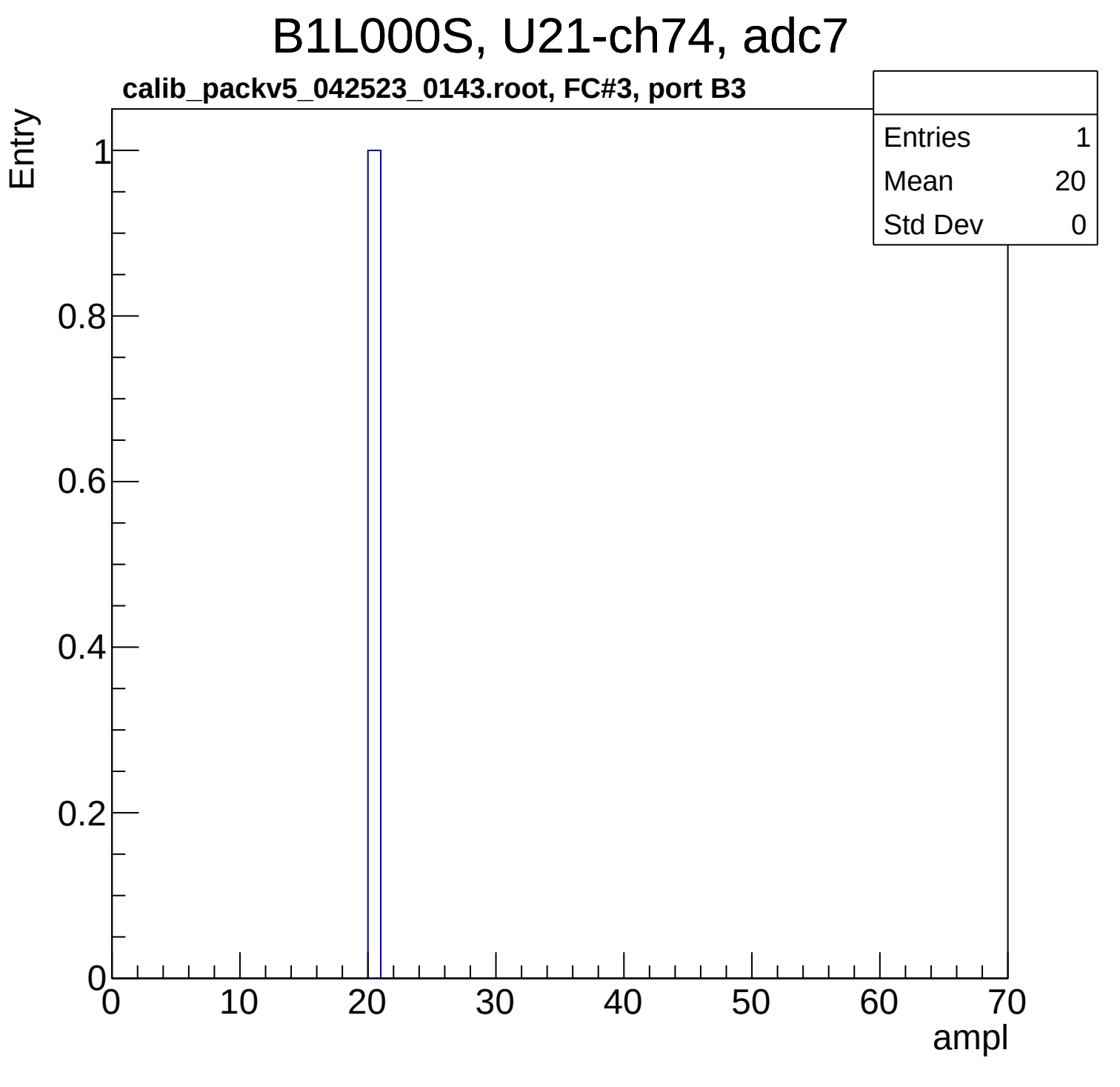

B1L000S, U21-ch74, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 41.79
Std Dev 2.795
Gaus mean : 41.8795
Gaus Width: 3.8639
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

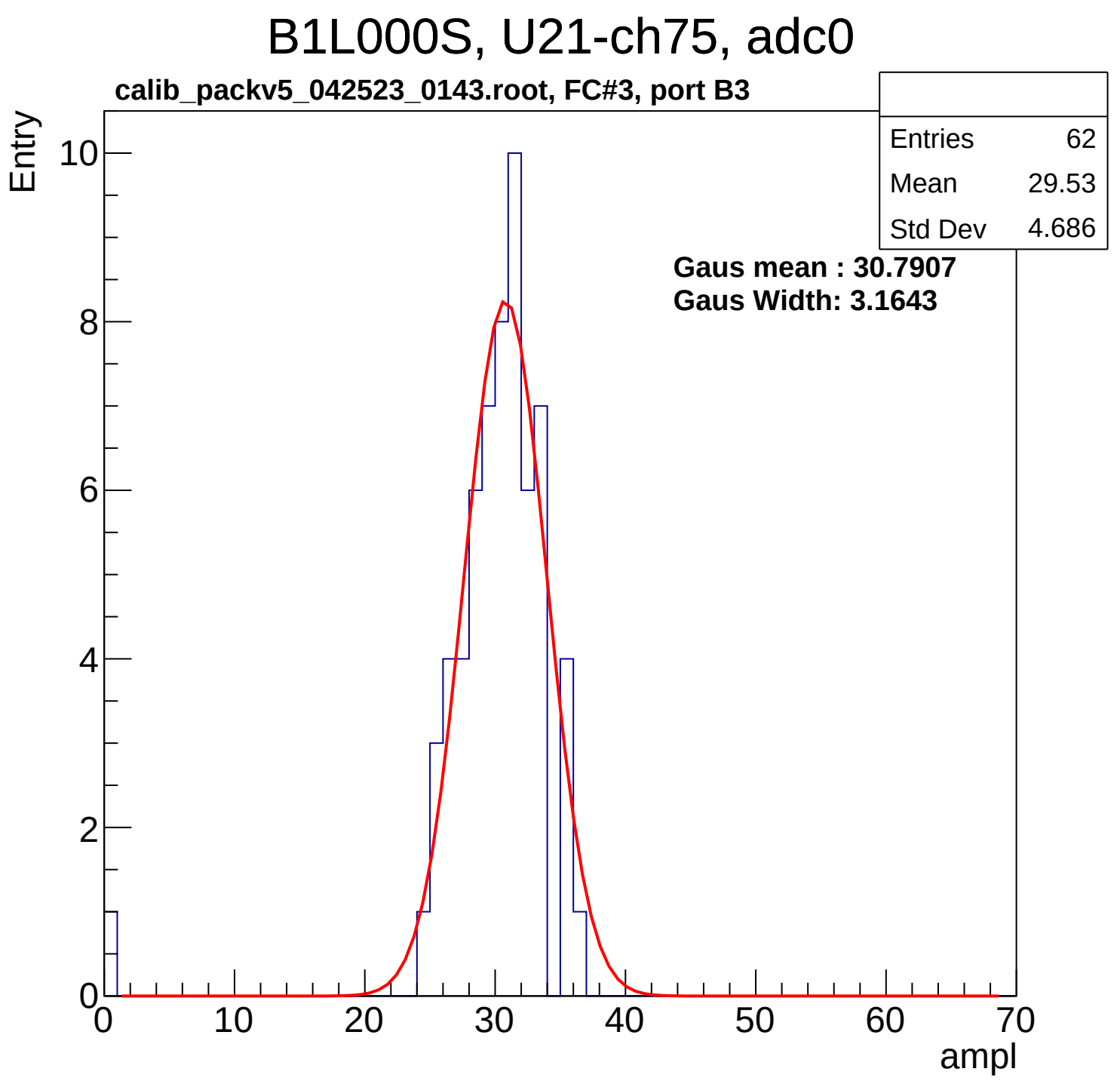

B1L000S, U21-ch74, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 47.33
Std Dev 3.159
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

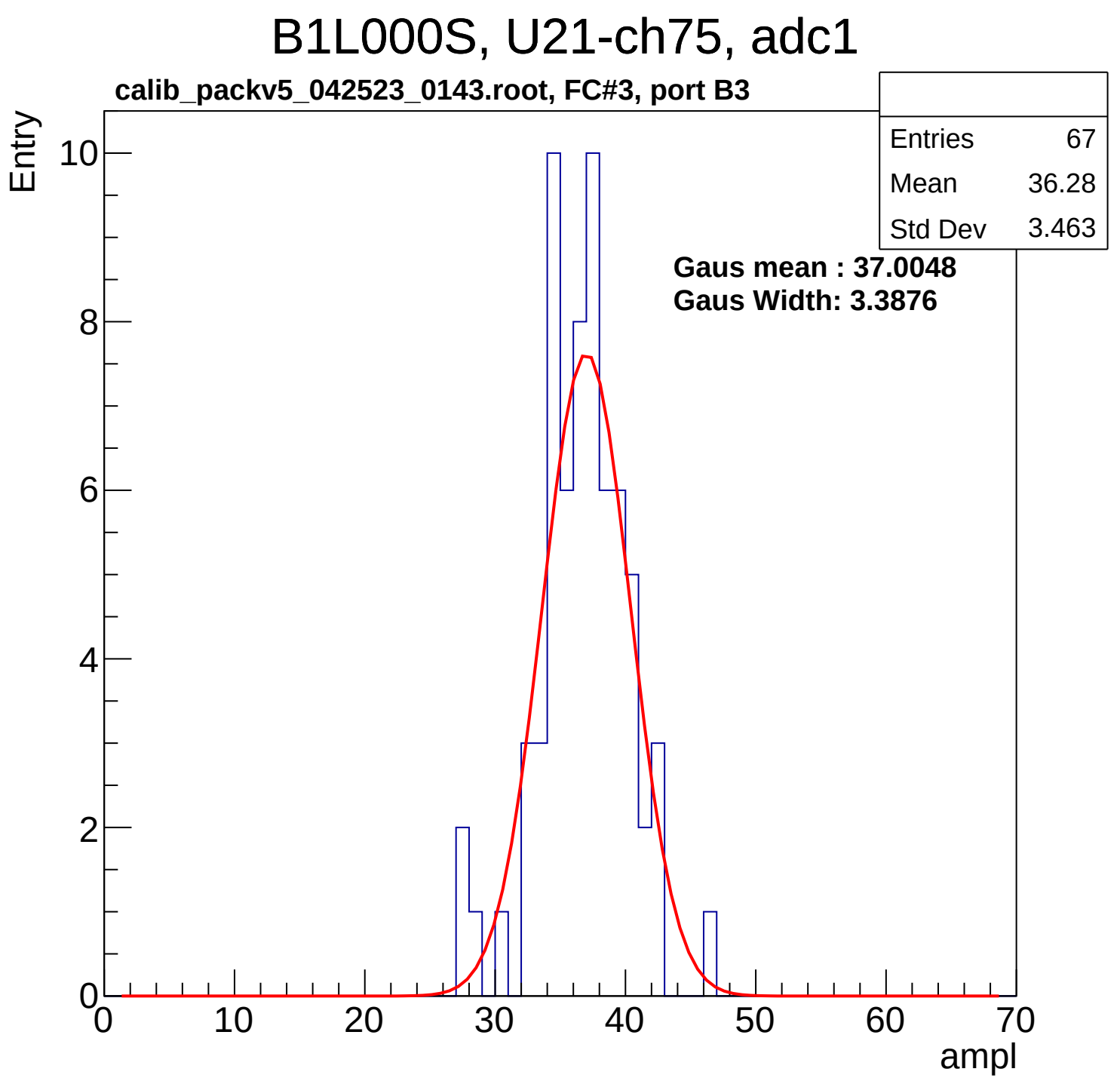

B1L000S, U21-ch74, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 52.34
Std Dev 2.847
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

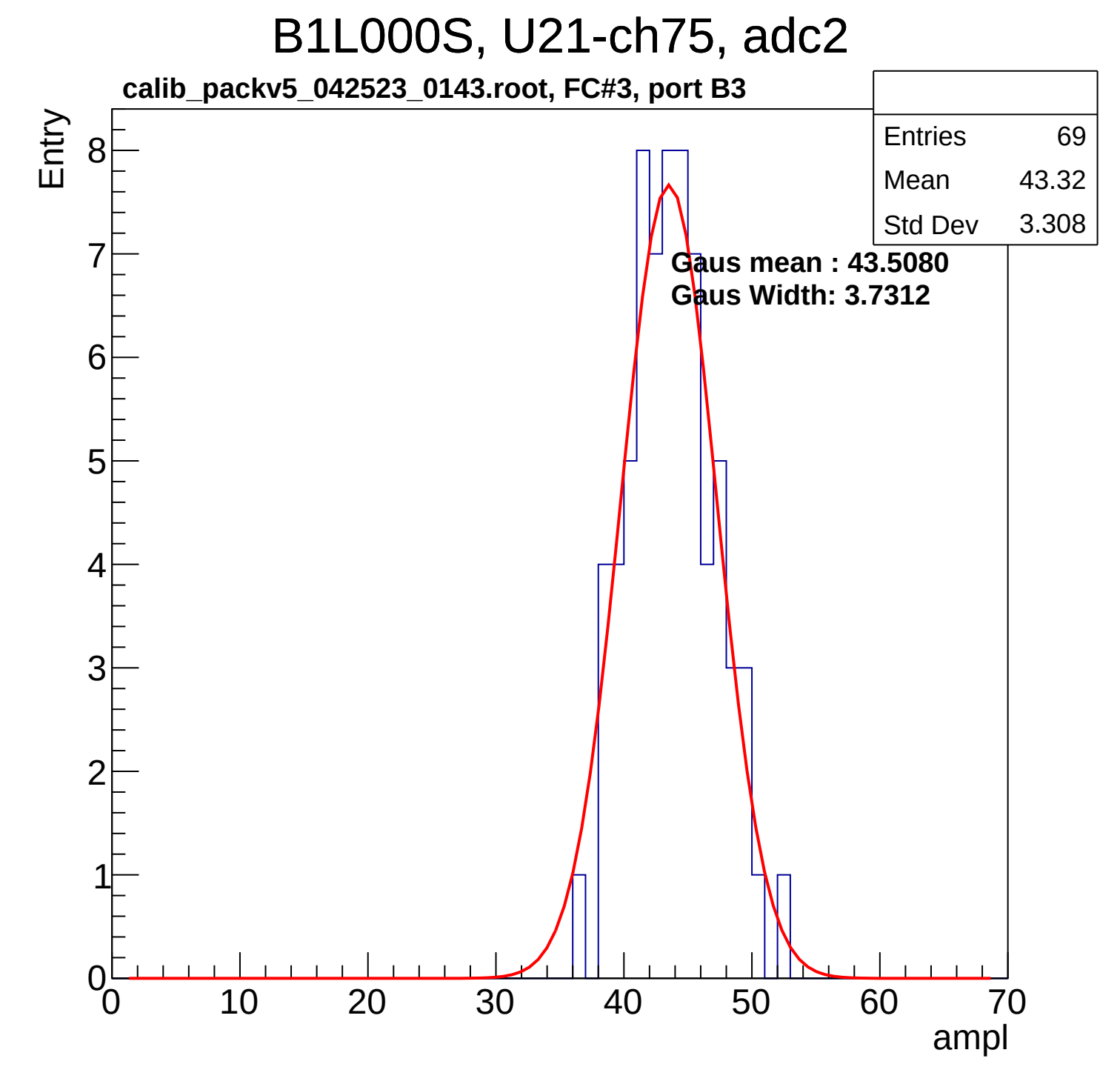

B1L000S, U21-ch74, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 58.23
Std Dev 2.739
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

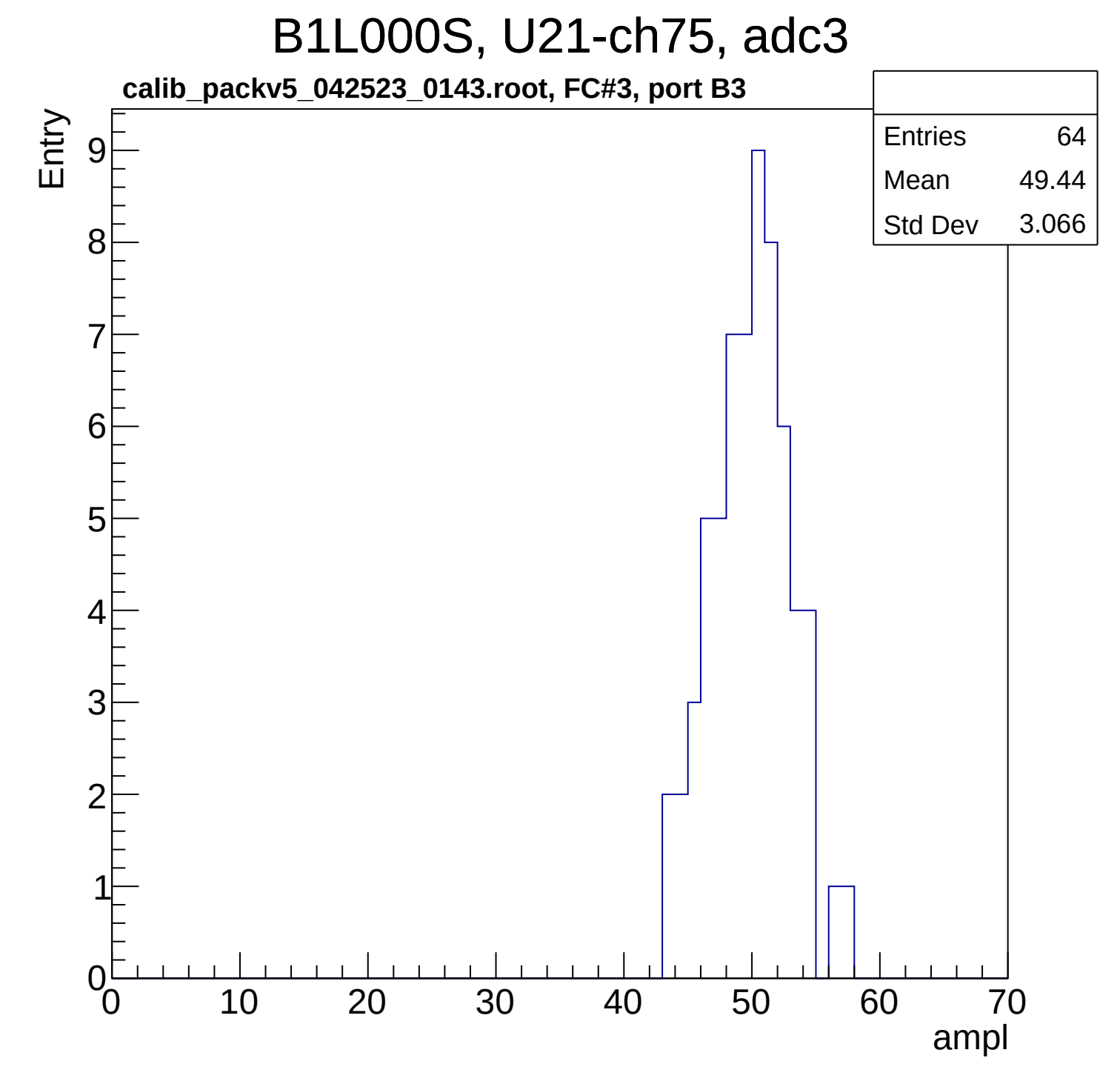

B1L000S, U21-ch74, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 20
Mean 58.55
Std Dev 13.49
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

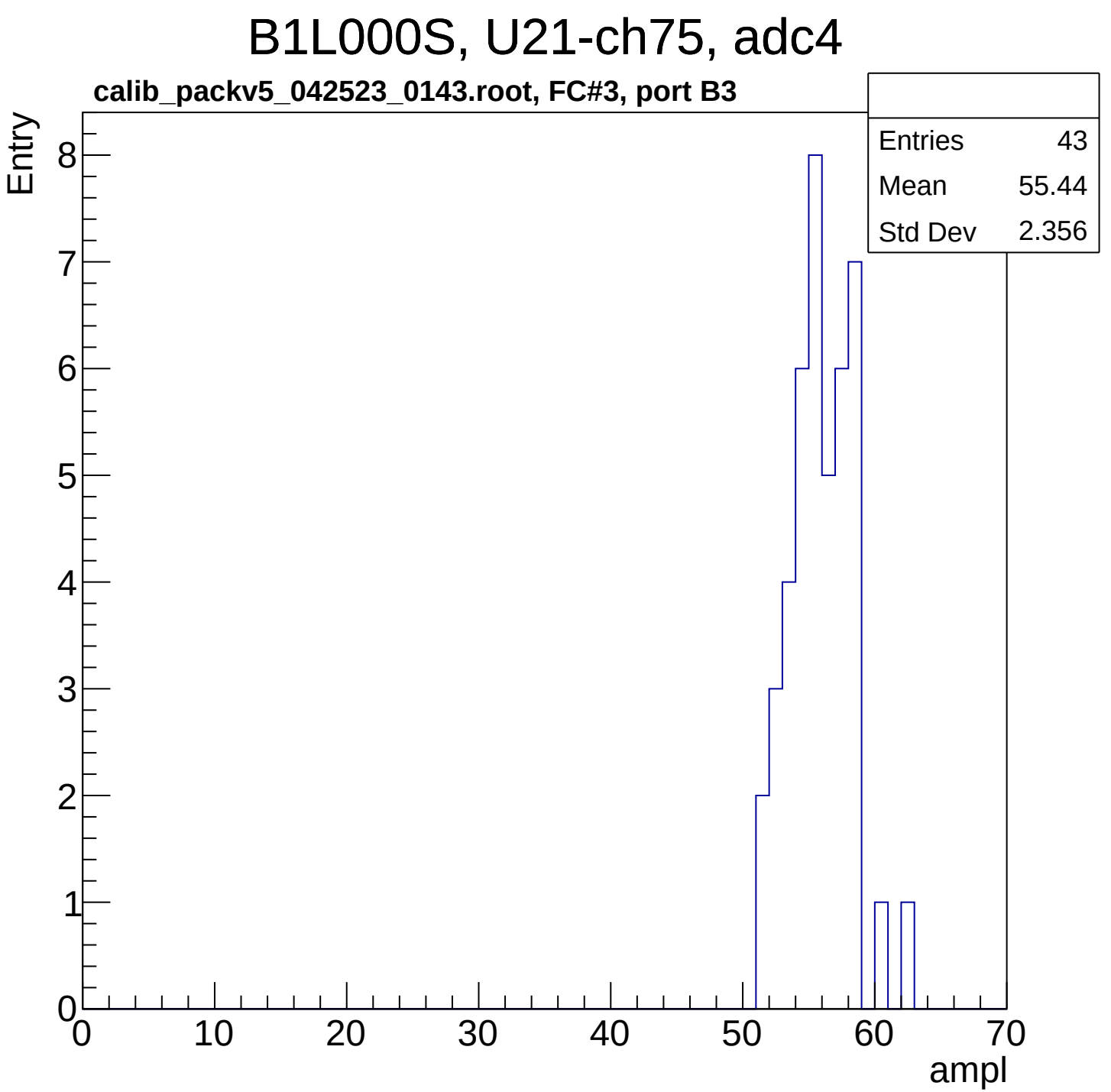

B1L000S, U21-ch74, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 20
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

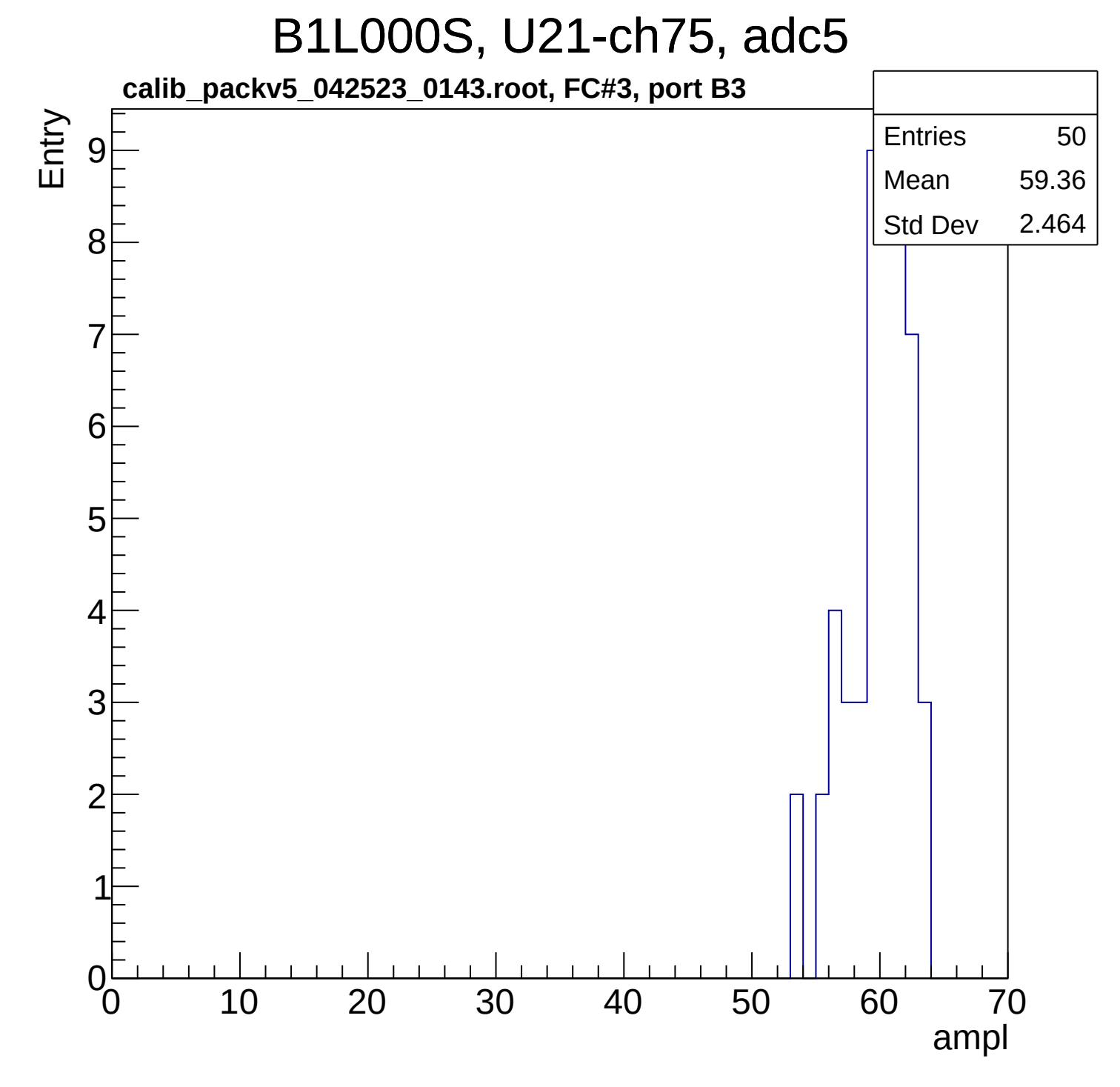

B1L000S, U21-ch75, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 29.53
Std Dev 4.686
Gaus mean : 30.7907
Gaus Width: 3.1643
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

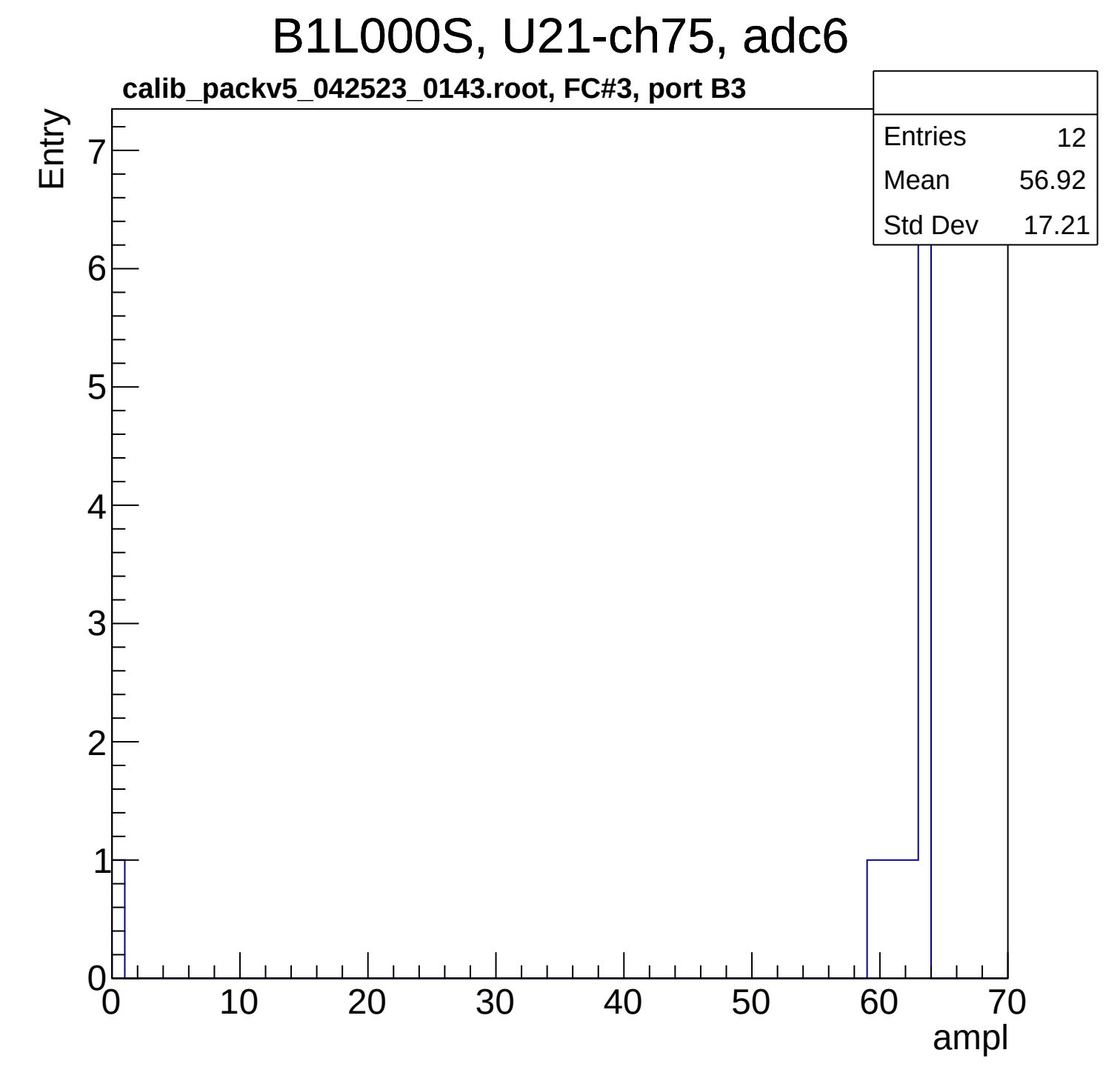

B1L000S, U21-ch75, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 36.28
Std Dev 3.463
Gaus mean : 37.0048
Gaus Width: 3.3876
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

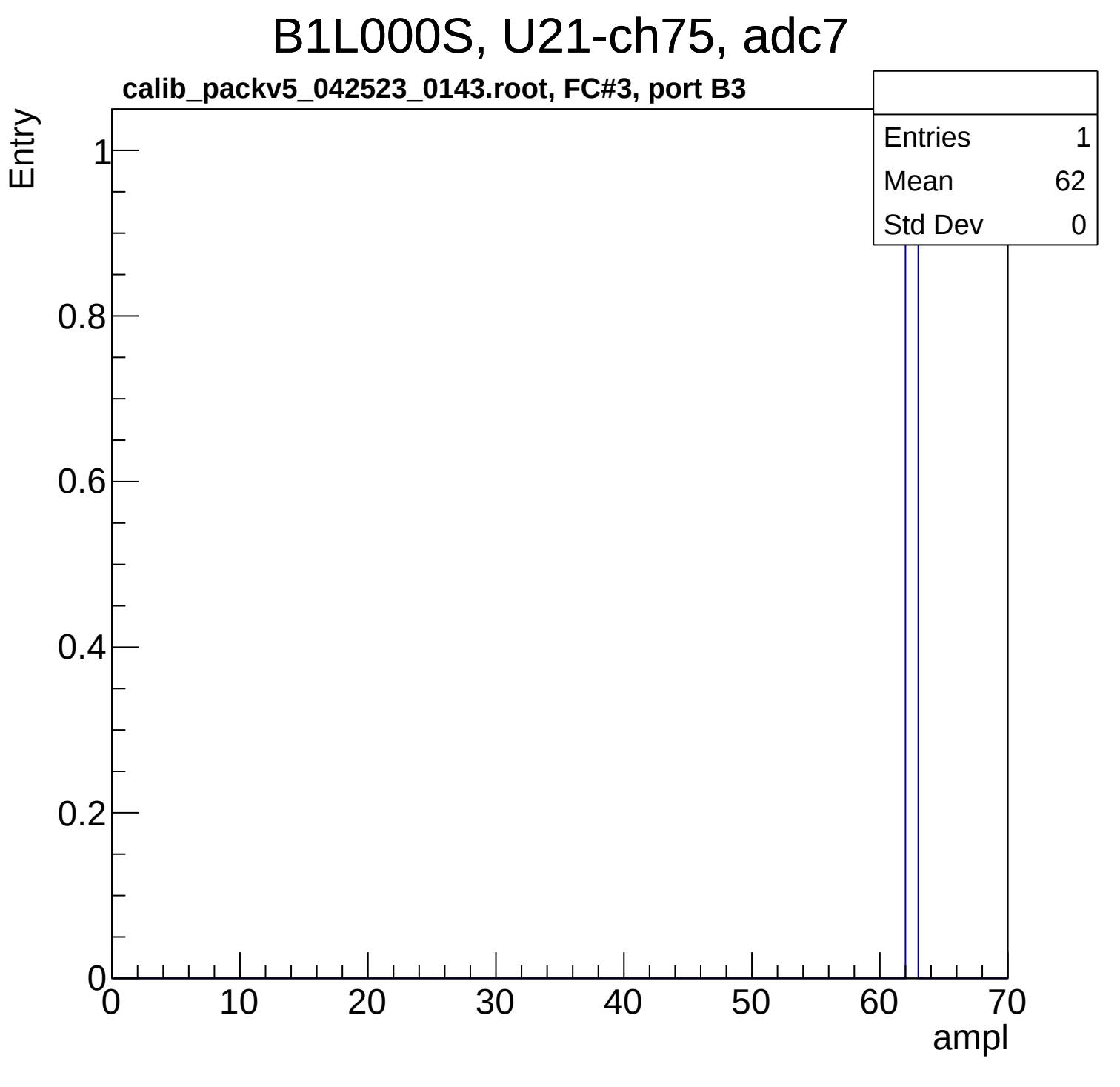

B1L000S, U21-ch75, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 43.32
Std Dev 3.308
Gaus mean : 43.5080
Gaus Width: 3.7312
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

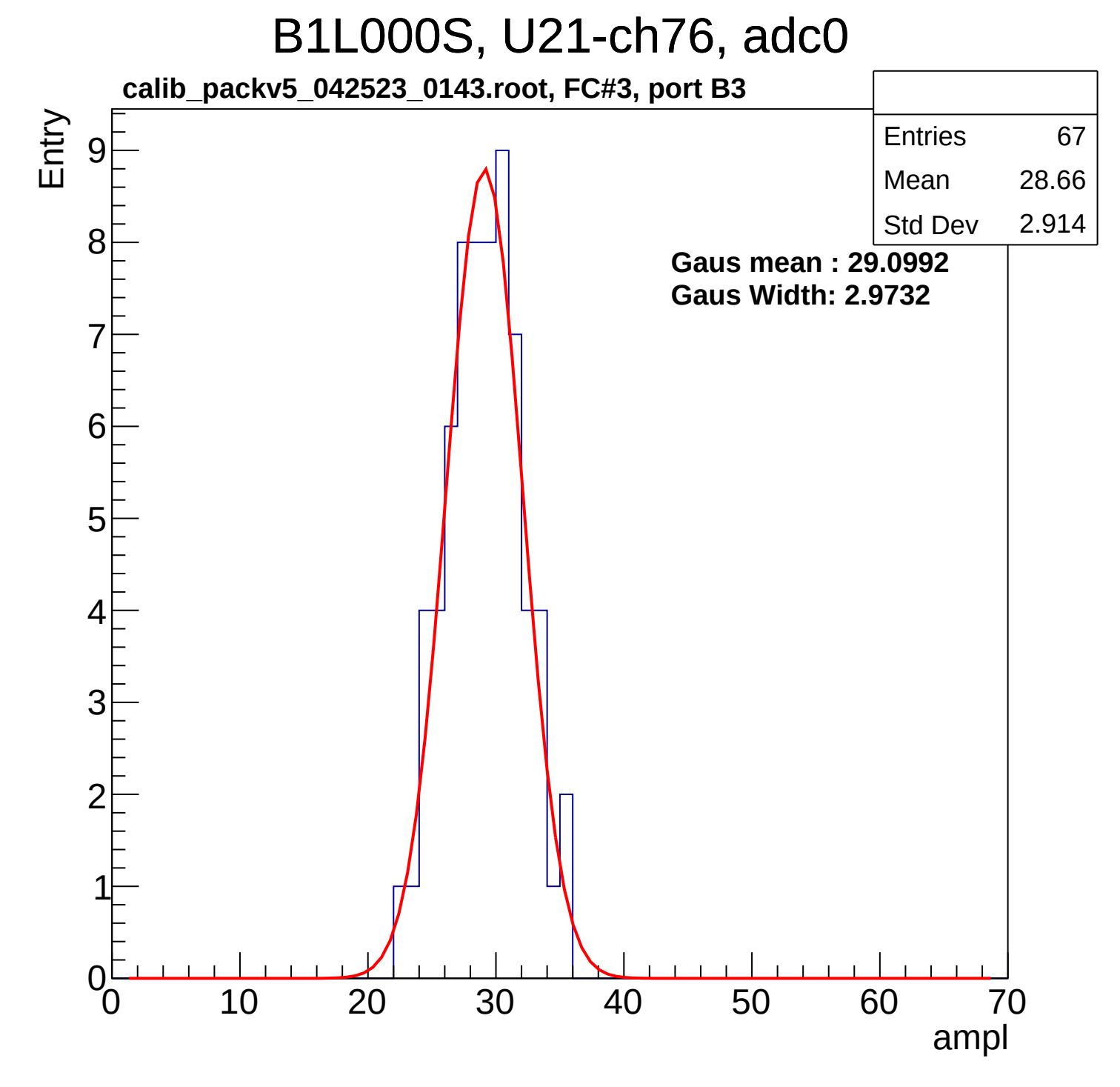

B1L000S, U21-ch75, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 49.44
Std Dev 3.066
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

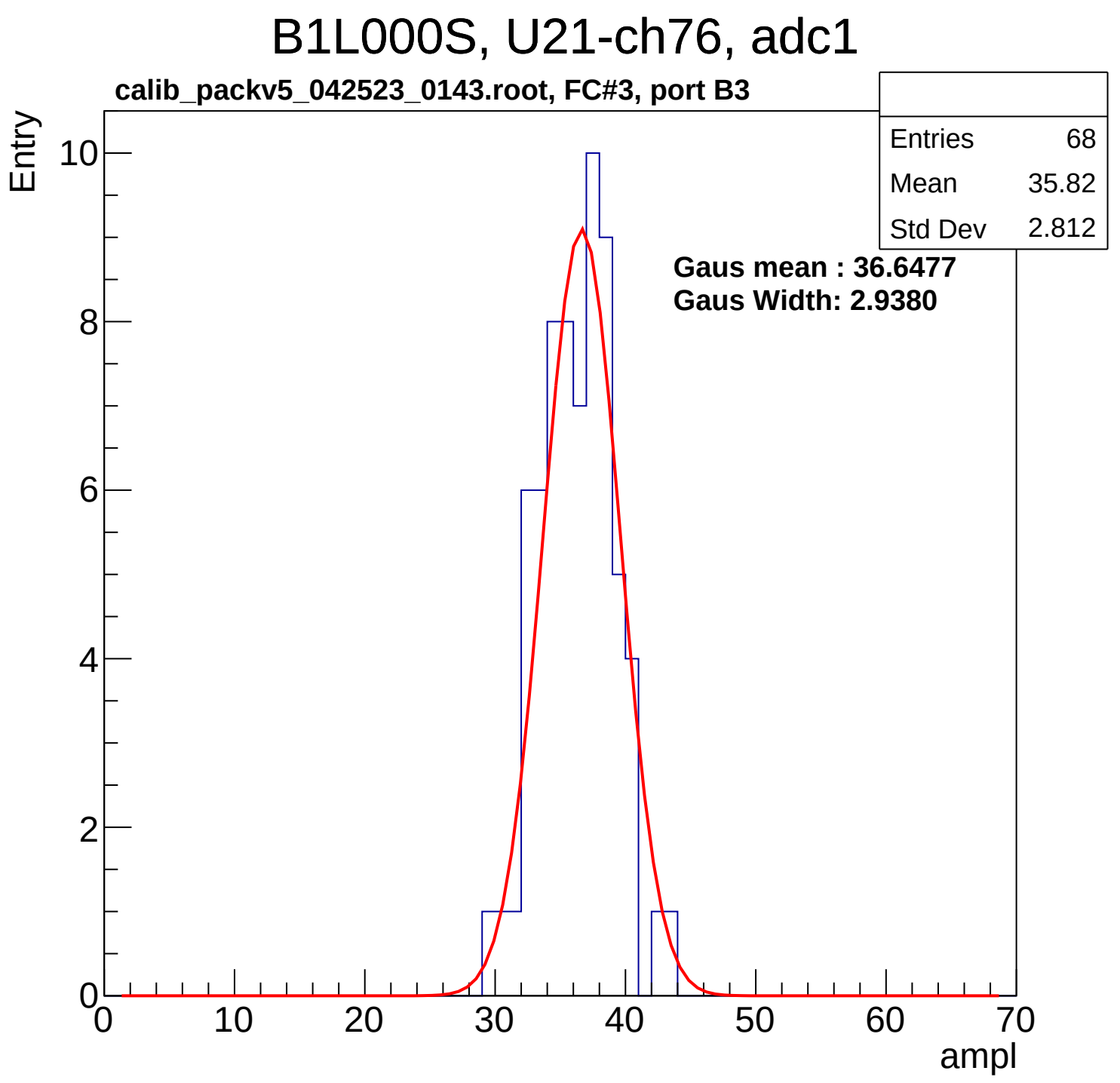

B1L000S, U21-ch75, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 55.44
Std Dev 2.356
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

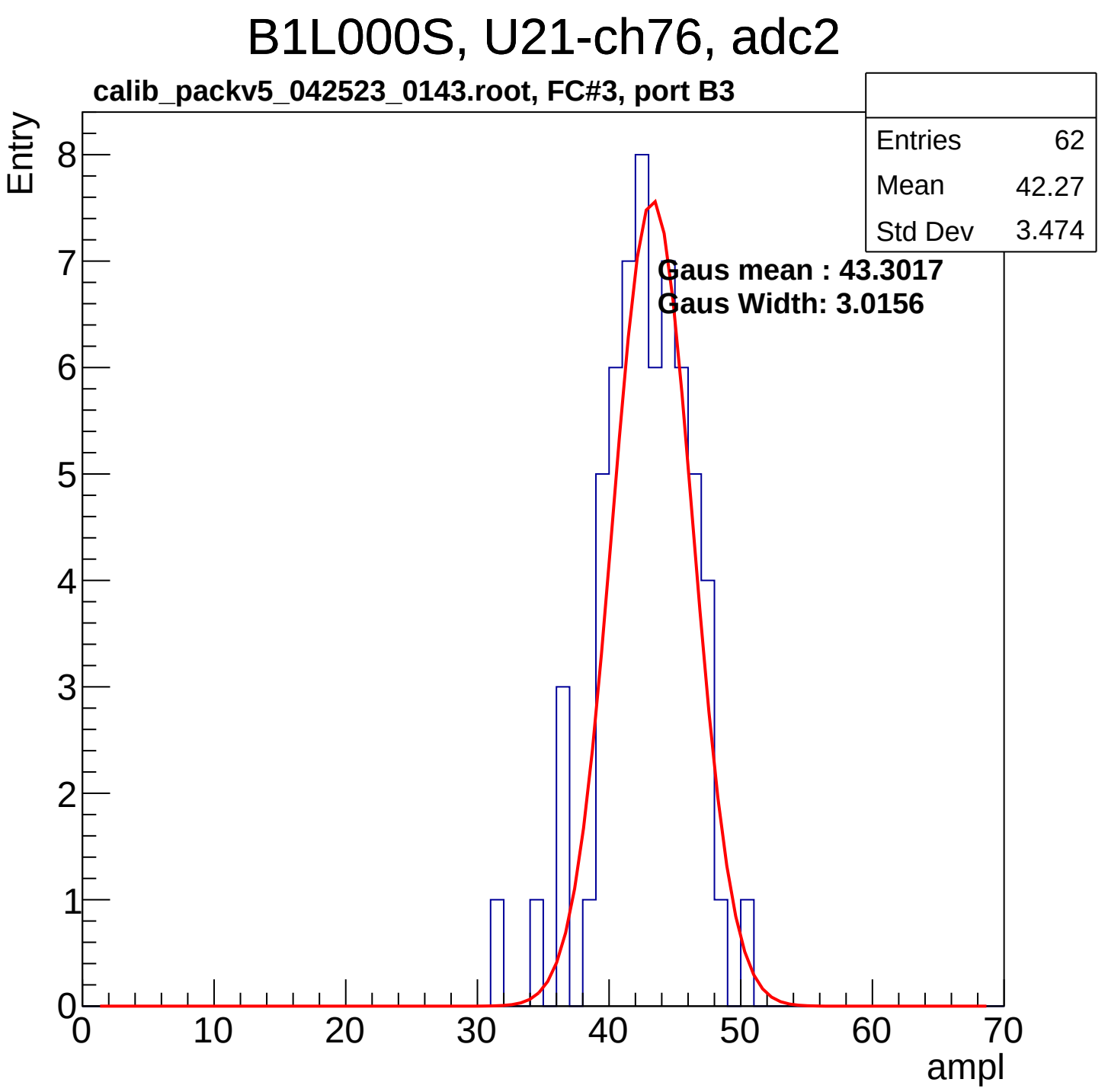

B1L000S, U21-ch75, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 59.36
Std Dev 2.464
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

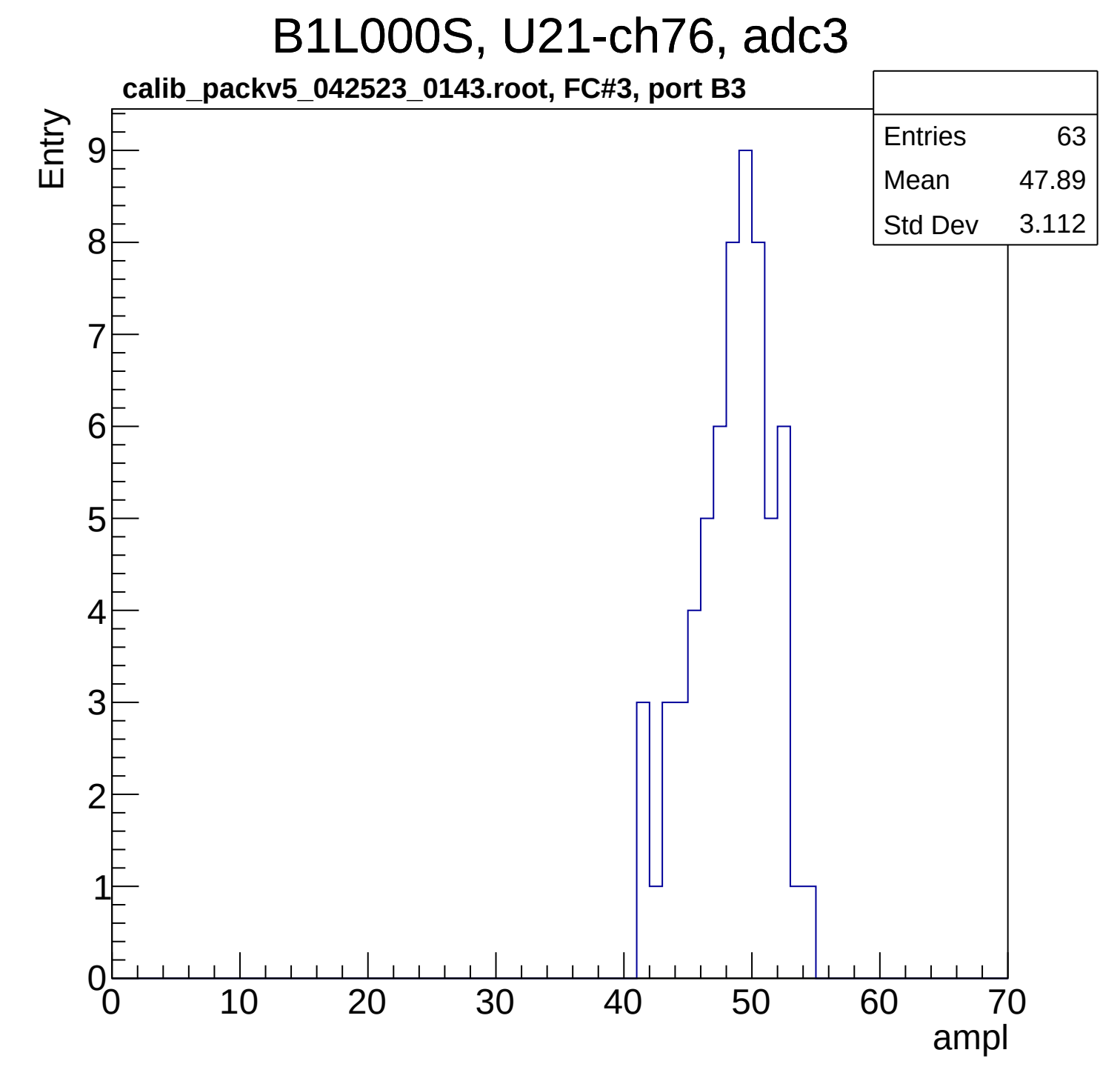

B1L000S, U21-ch75, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 56.92
Std Dev 17.21
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

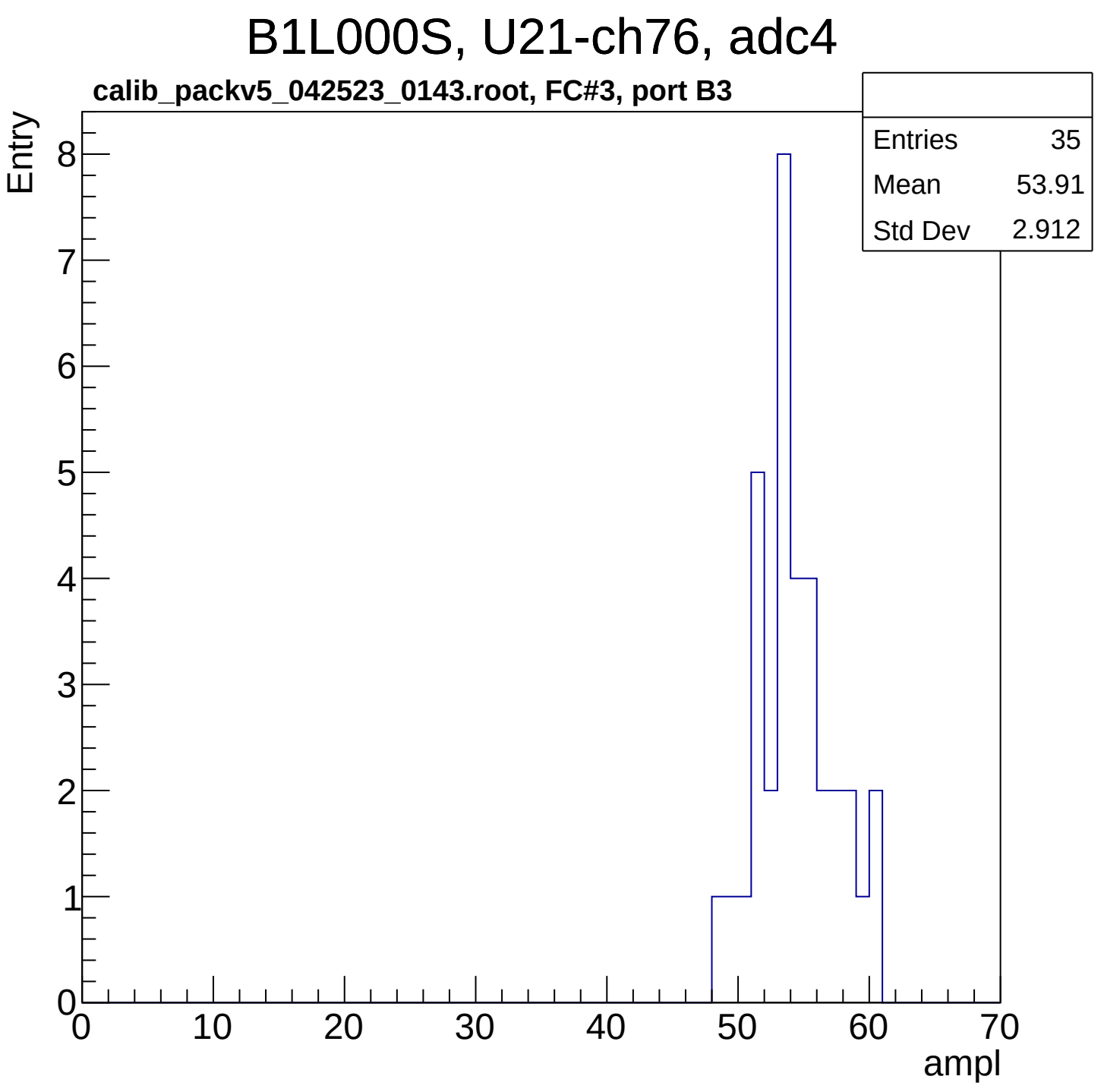

B1L000S, U21-ch75, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

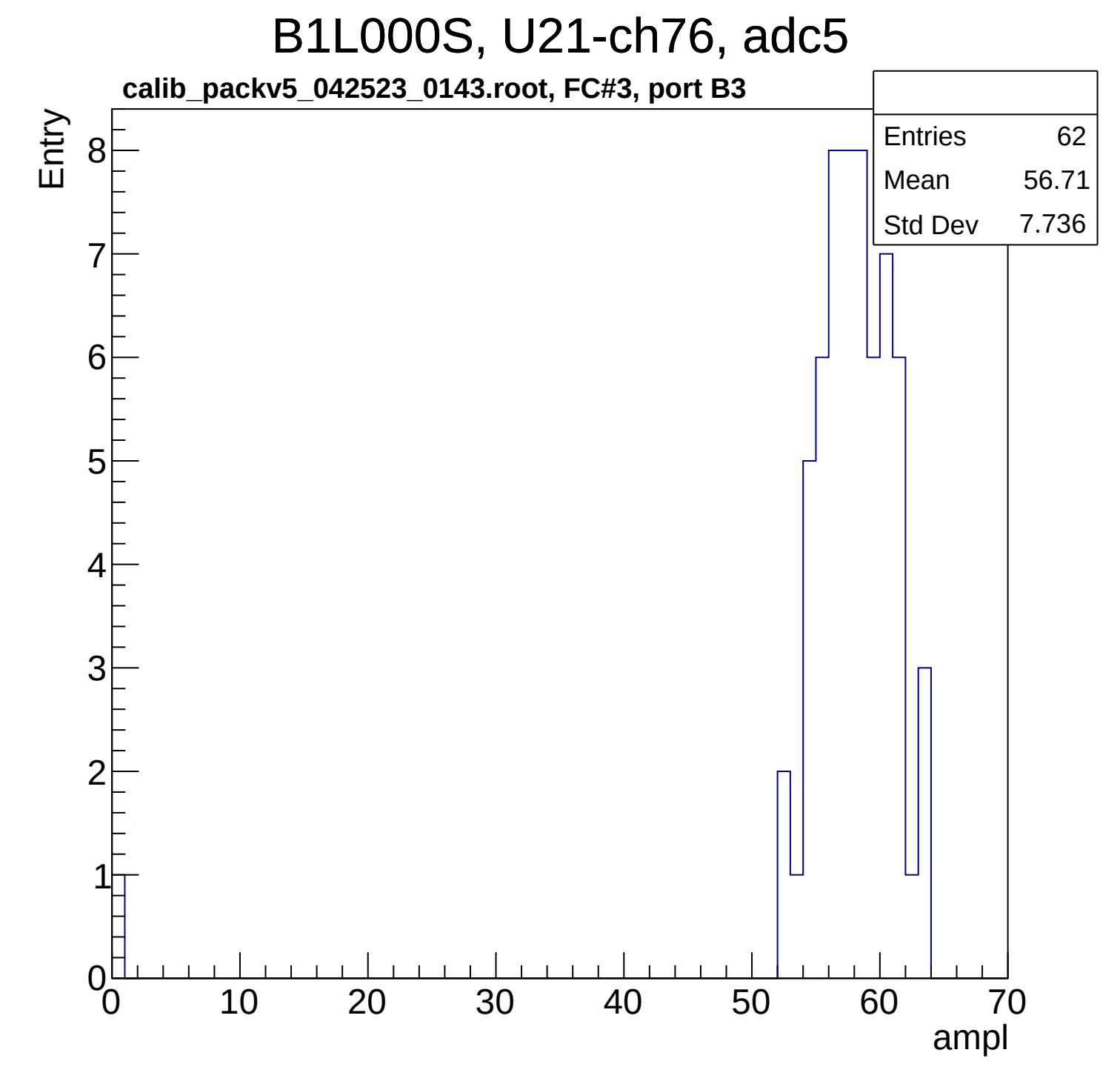

B1L000S, U21-ch76, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 28.66
Std Dev 2.914
Gaus mean : 29.0992
Gaus Width: 2.9732
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

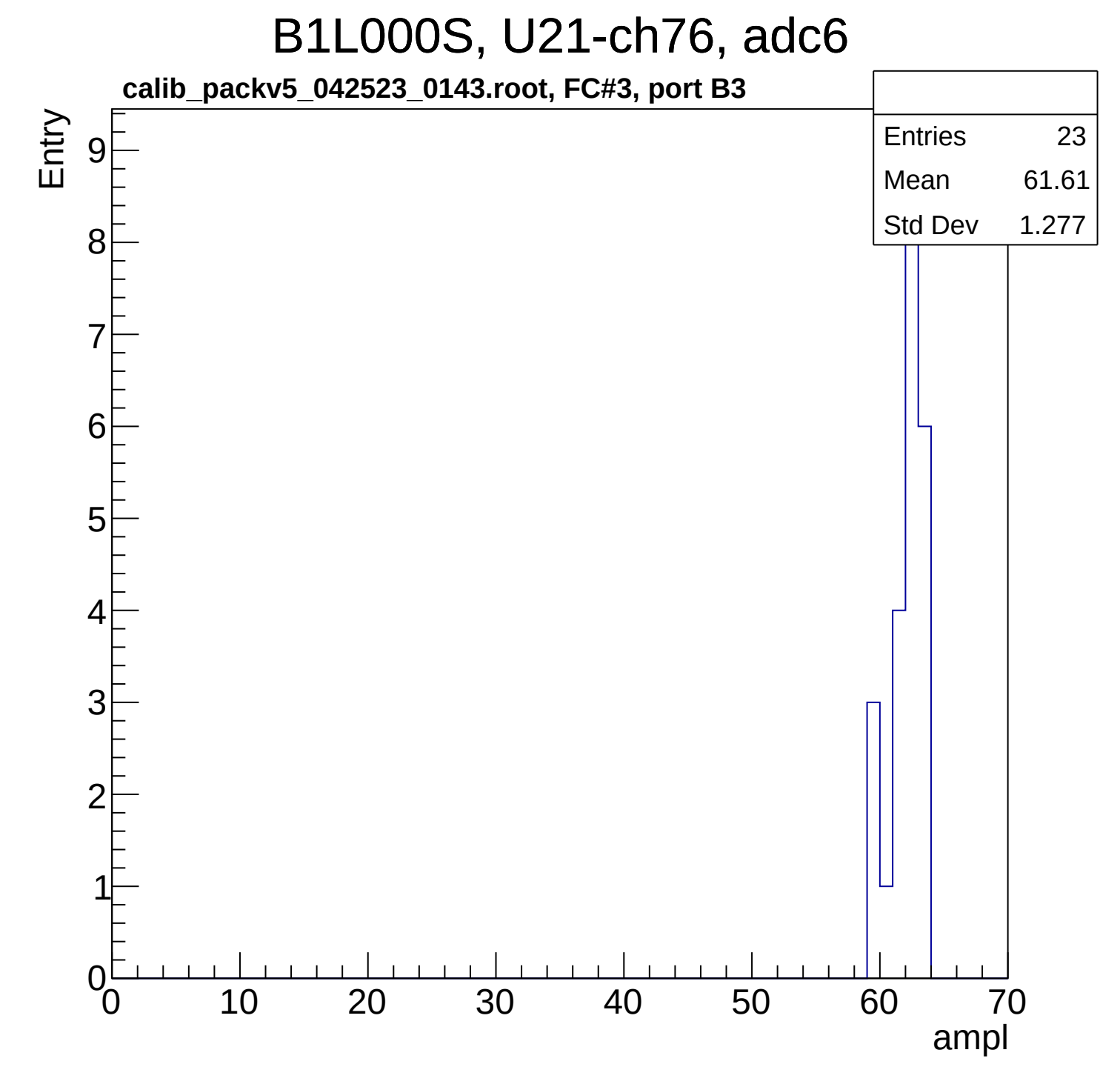

B1L000S, U21-ch76, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 35.82
Std Dev 2.812
Gaus mean : 36.6477
Gaus Width: 2.9380
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

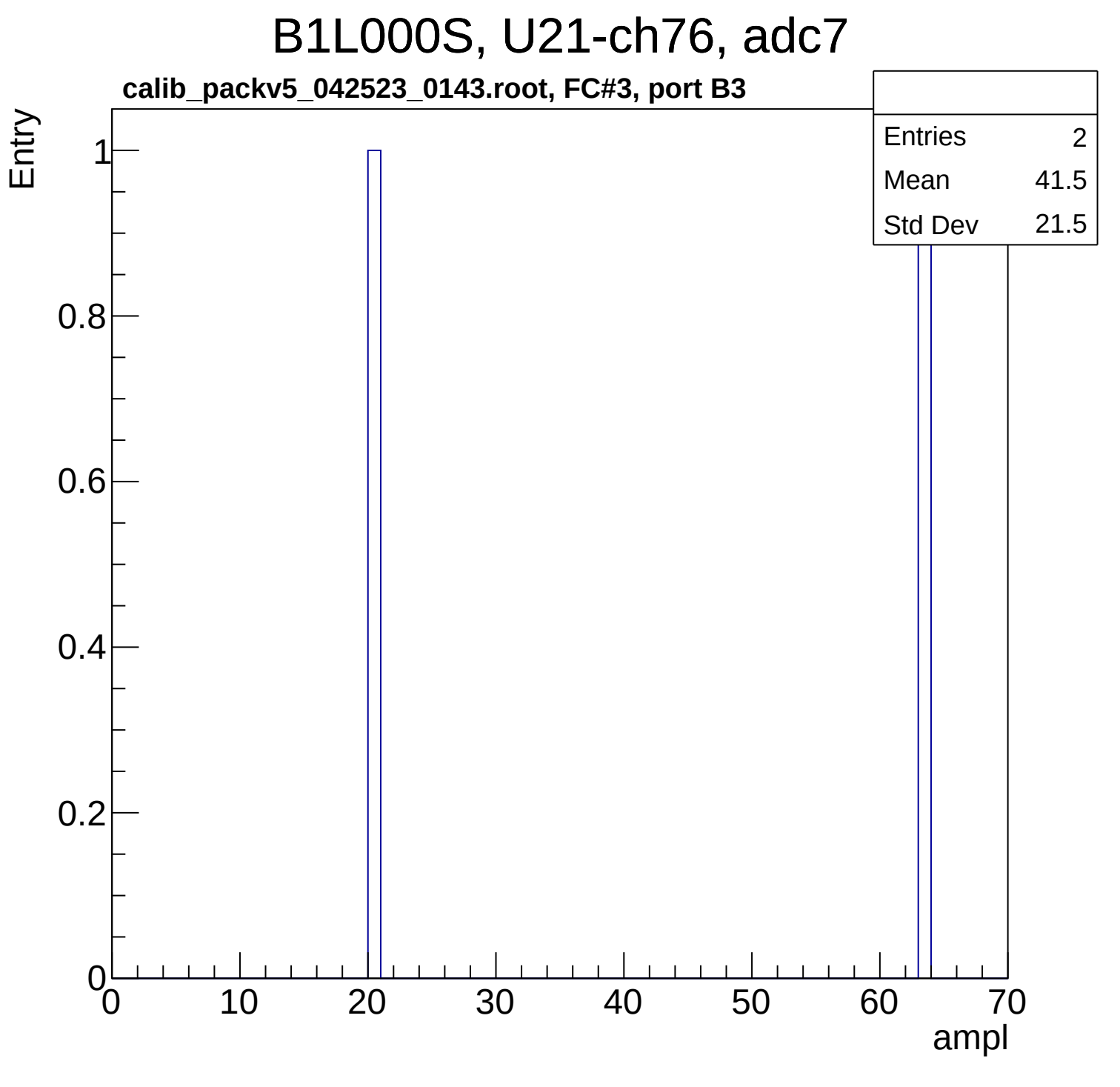

B1L000S, U21-ch76, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 42.27
Std Dev 3.474
Gaus mean : 43.3017
Gaus Width: 3.0156
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

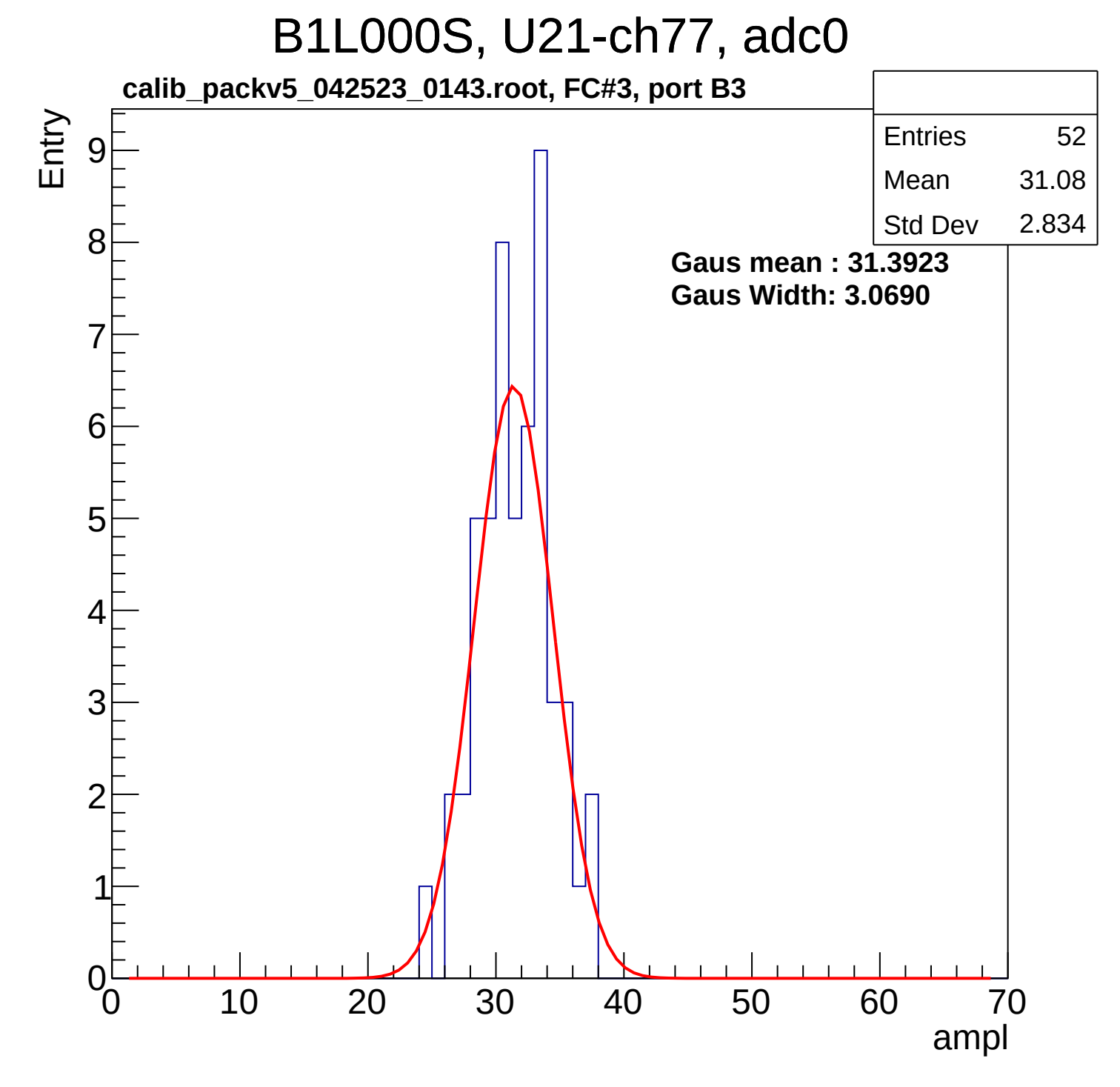

B1L000S, U21-ch76, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 47.89
Std Dev 3.112
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

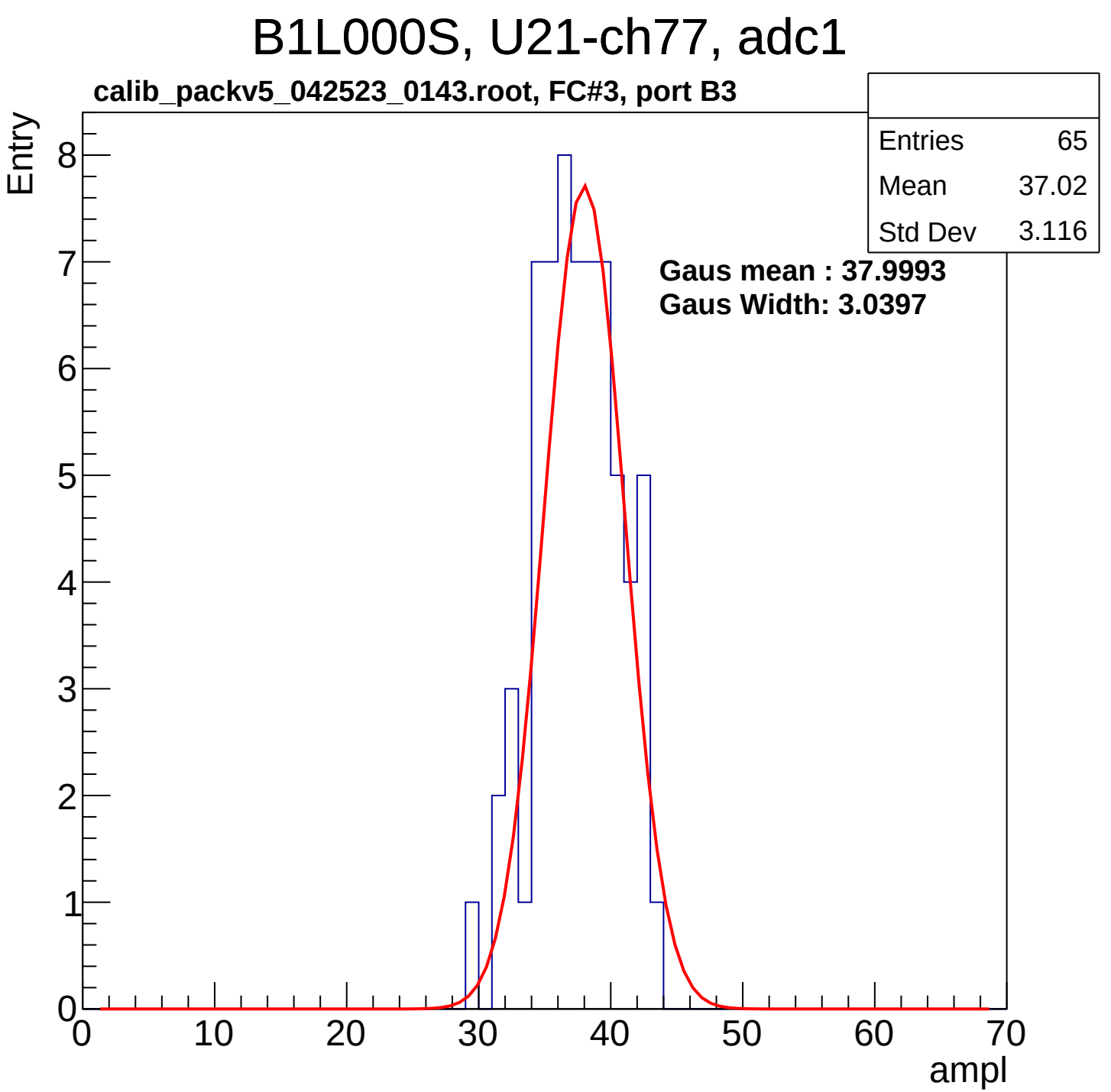

B1L000S, U21-ch76, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 35
Mean 53.91
Std Dev 2.912
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

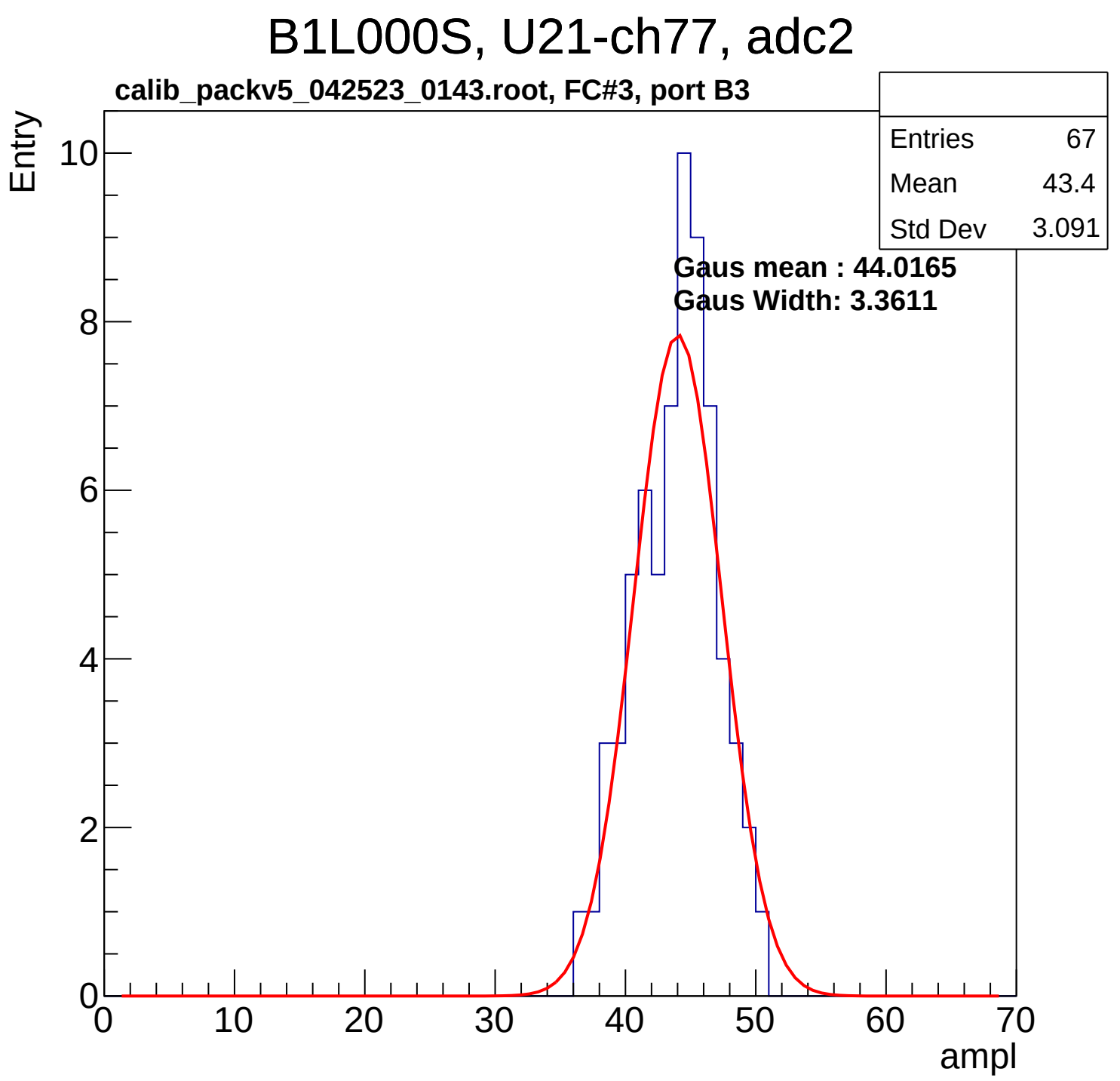

B1L000S, U21-ch76, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 56.71
Std Dev 7.736
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

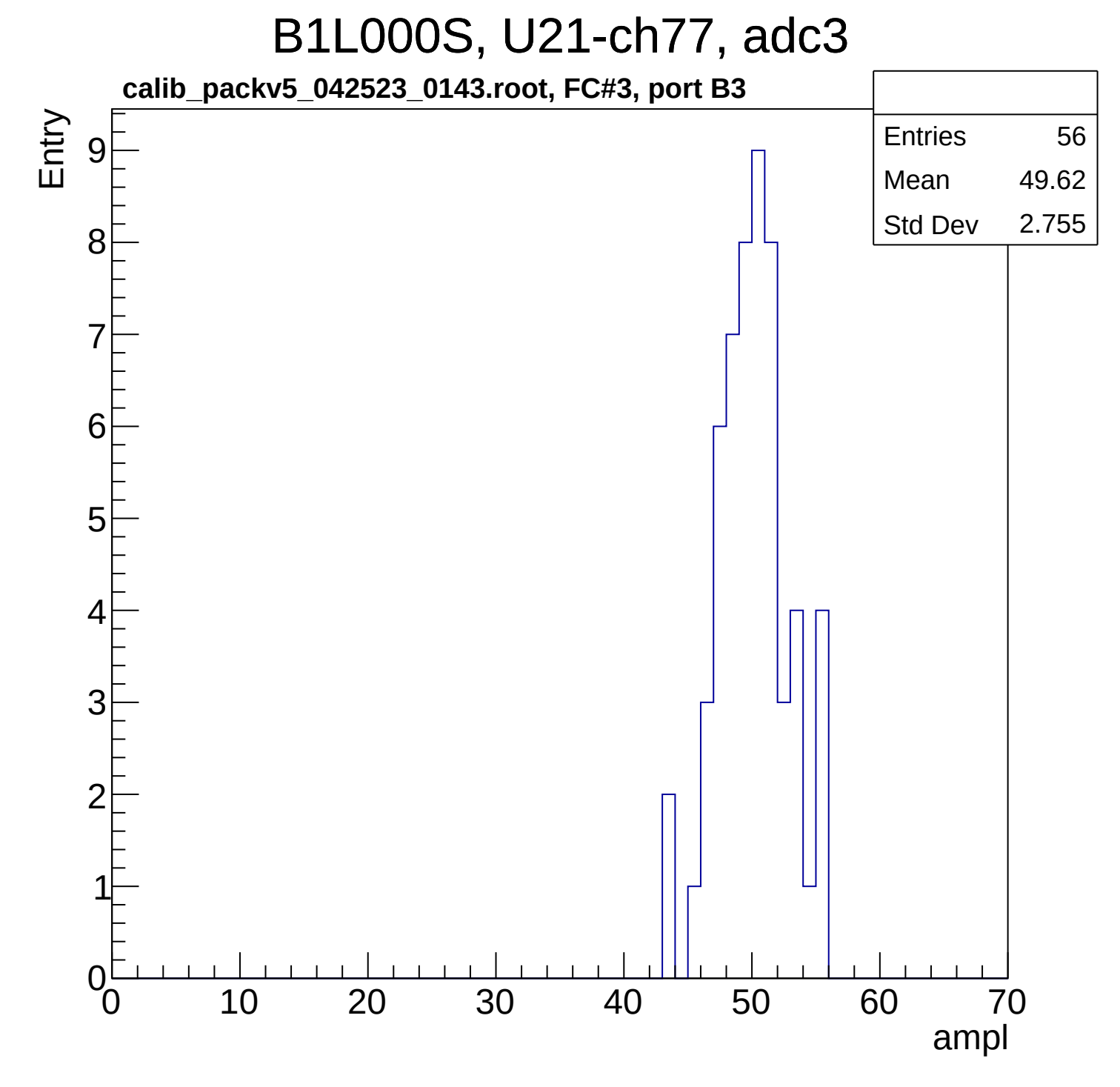

B1L000S, U21-ch76, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 23
Mean 61.61
Std Dev 1.277
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

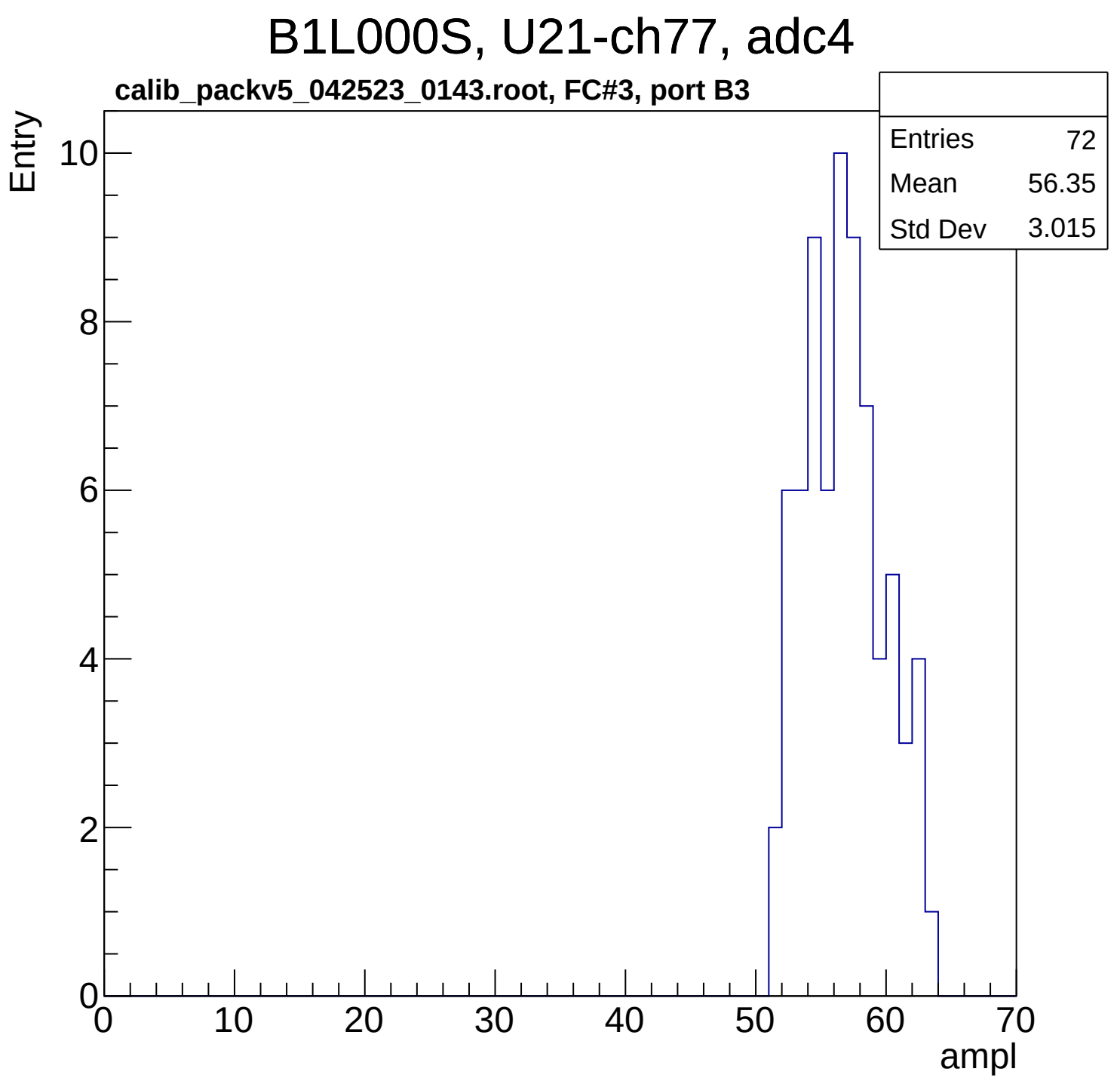

B1L000S, U21-ch76, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 41.5
Std Dev 21.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70

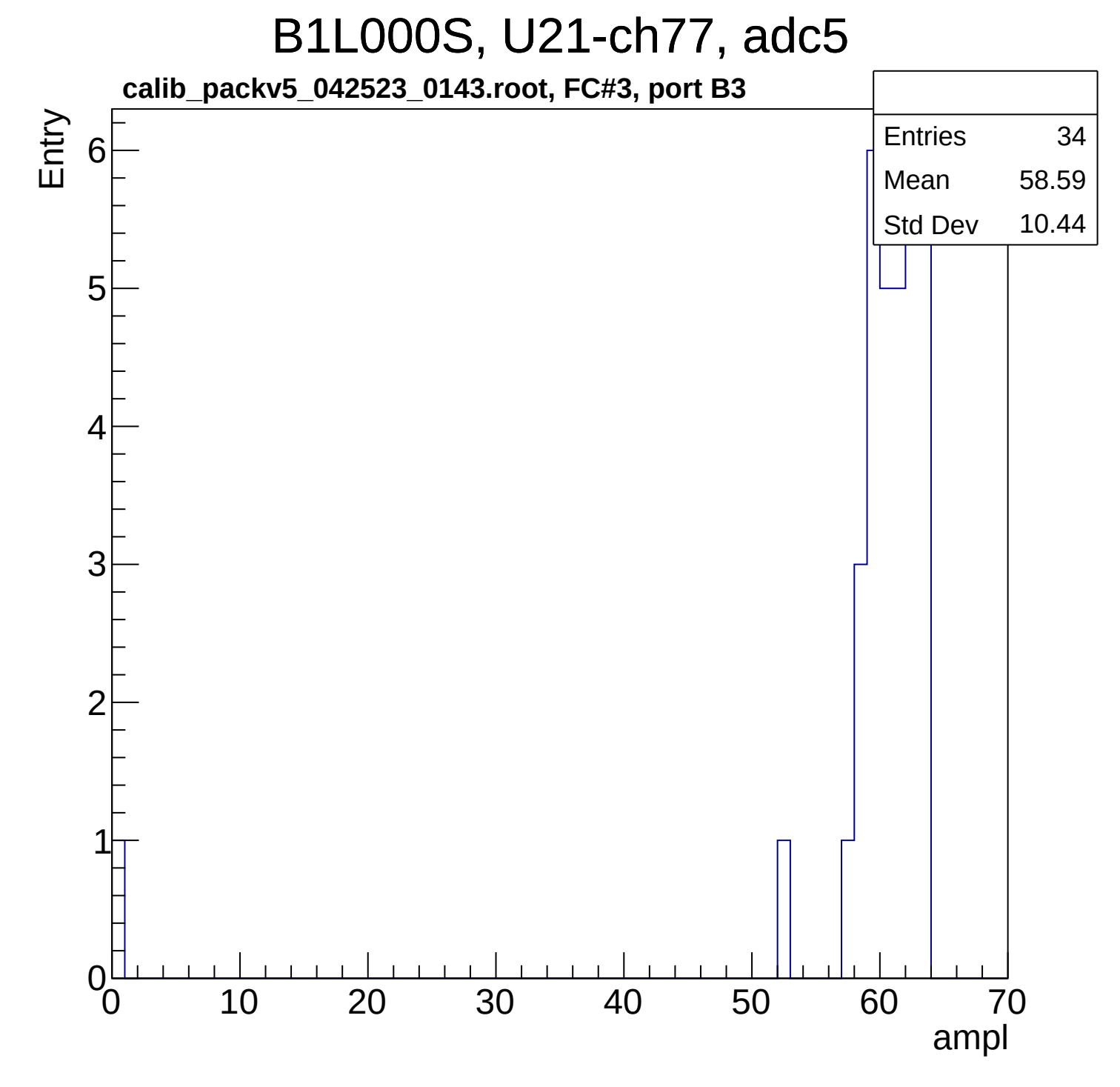

B1L000S, U21-ch77, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 31.08
Std Dev 2.834
Gaus mean : 31.3923
Gaus Width: 3.0690
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

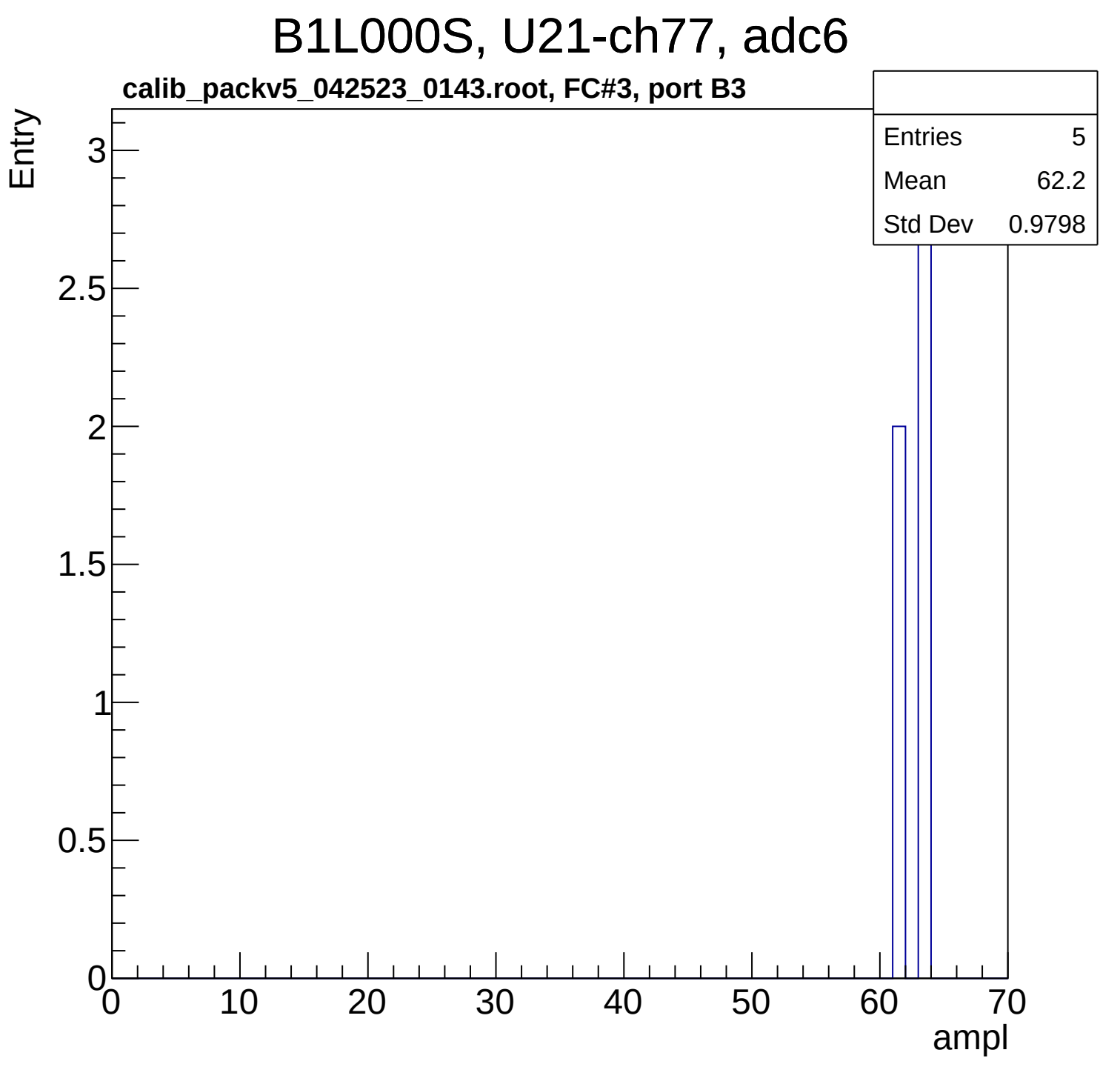

B1L000S, U21-ch77, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 37.02
Std Dev 3.116
Gaus mean : 37.9993
Gaus Width: 3.0397
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

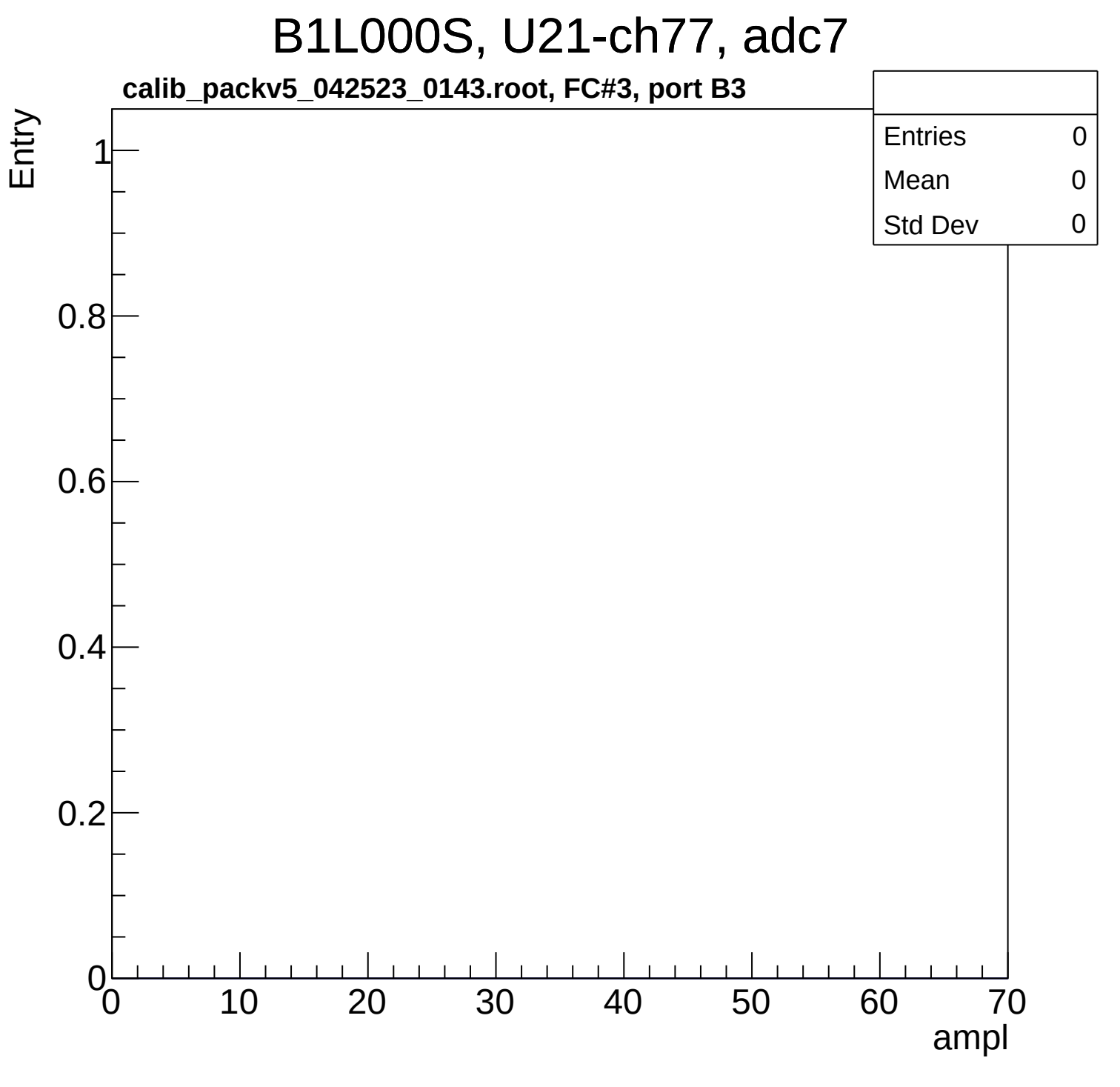

B1L000S, U21-ch77, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 43.4
Std Dev 3.091
Gaus mean : 44.0165
Gaus Width: 3.3611
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

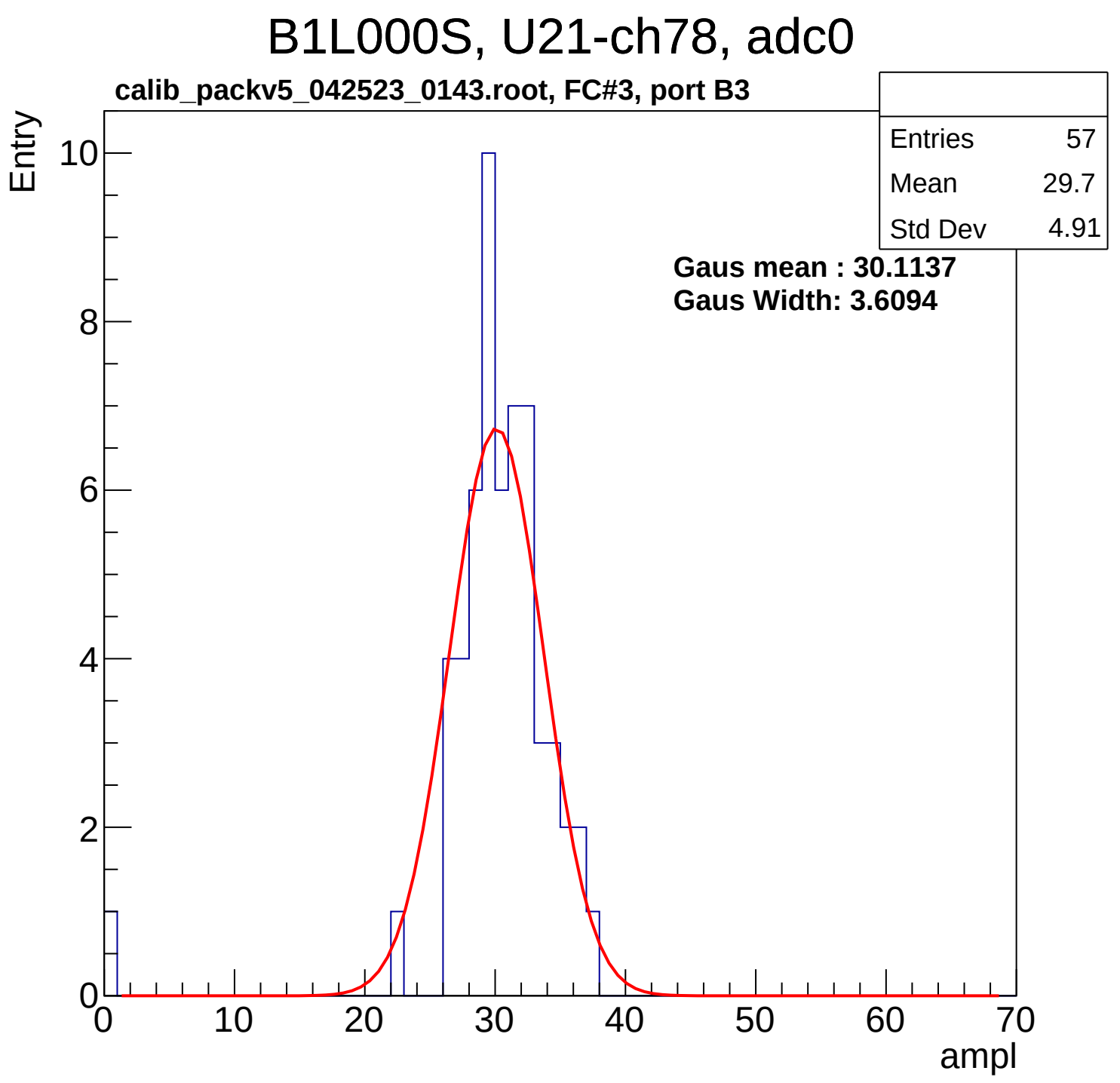

B1L000S, U21-ch77, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 49.62
Std Dev 2.755
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

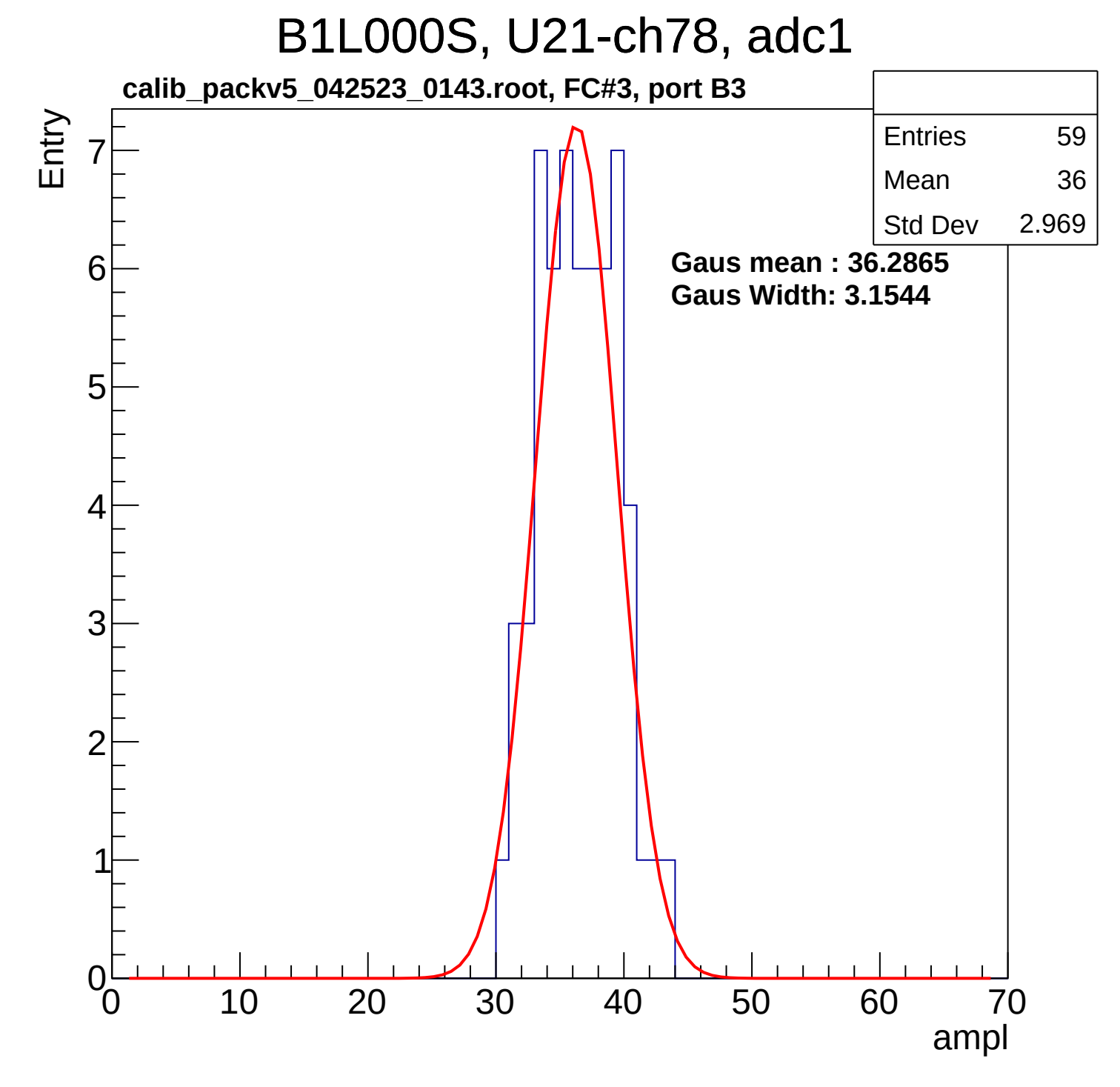

B1L000S, U21-ch77, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 56.35
Std Dev 3.015
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

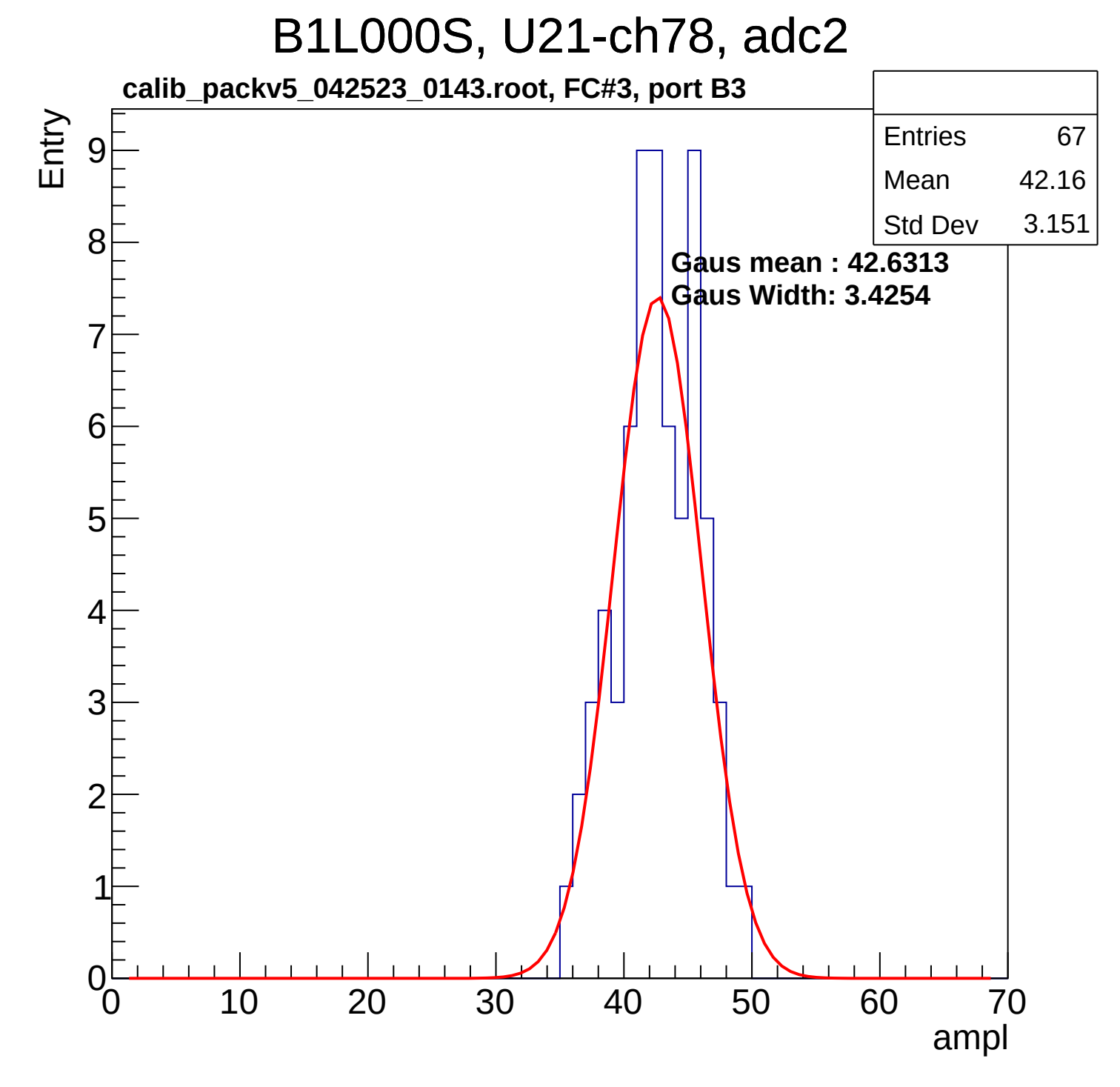

B1L000S, U21-ch77, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 34
Mean 58.59
Std Dev 10.44
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

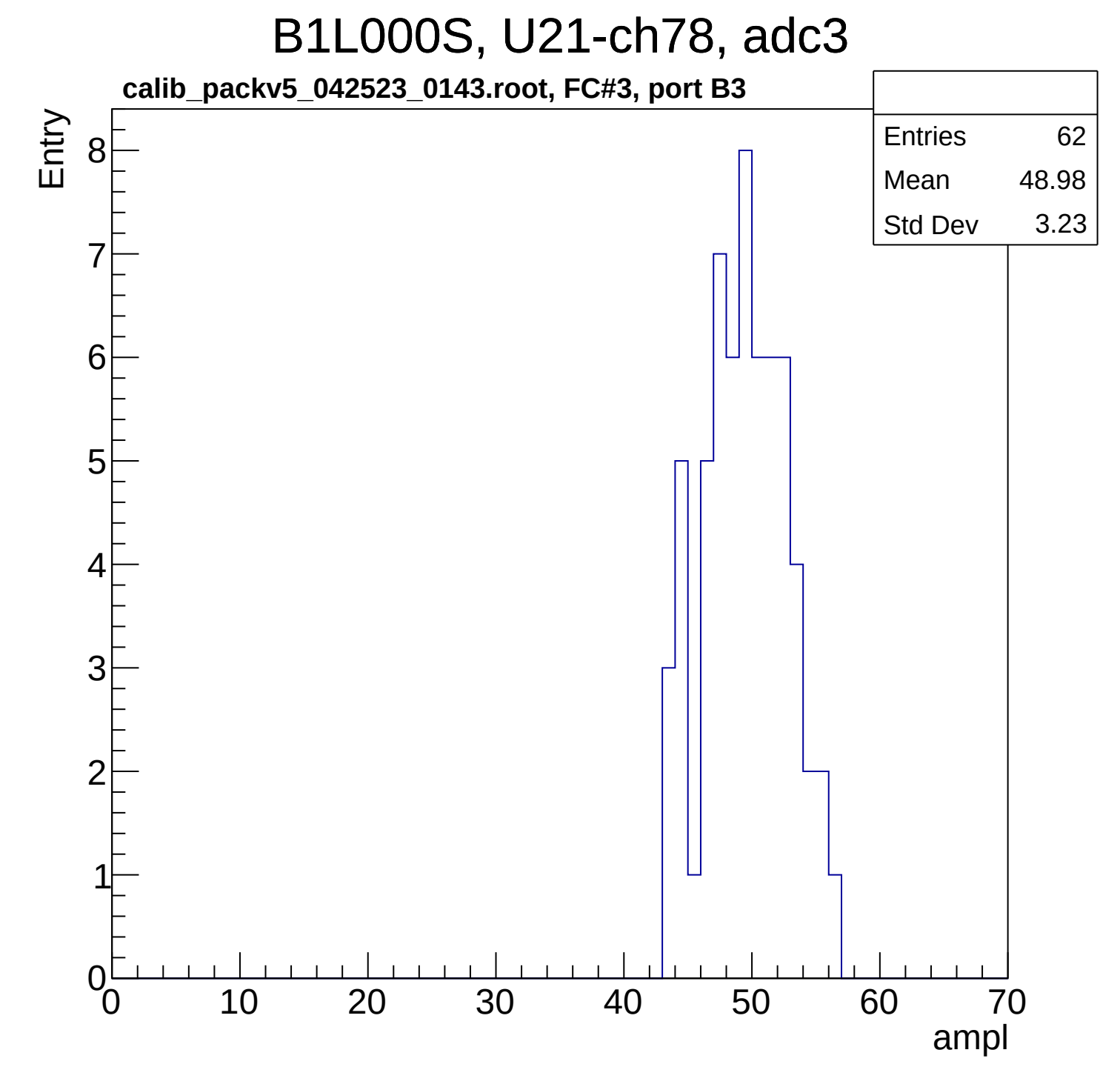

B1L000S, U21-ch77, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 62.2
Std Dev 0.9798
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

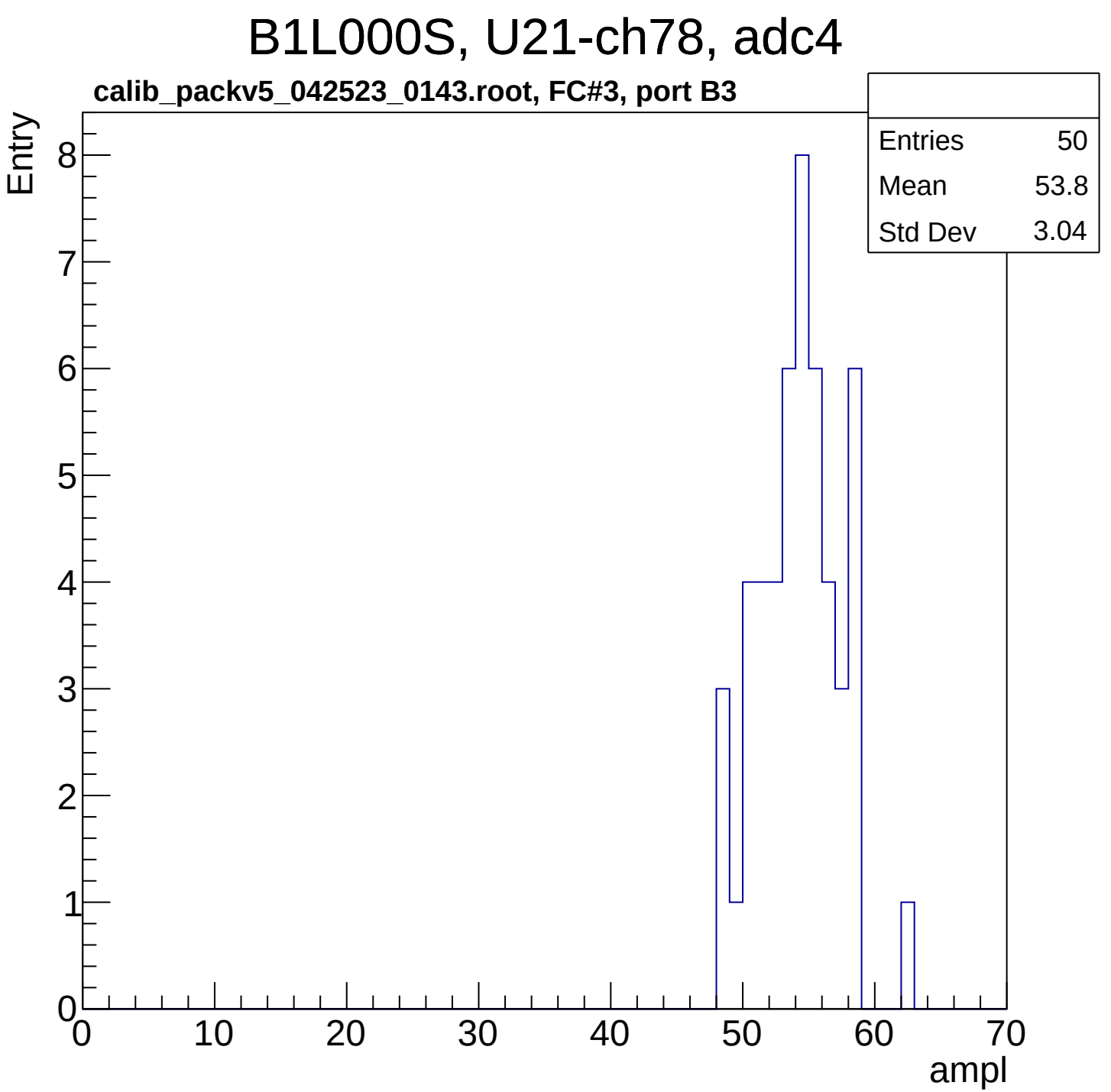

B1L000S, U21-ch77, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

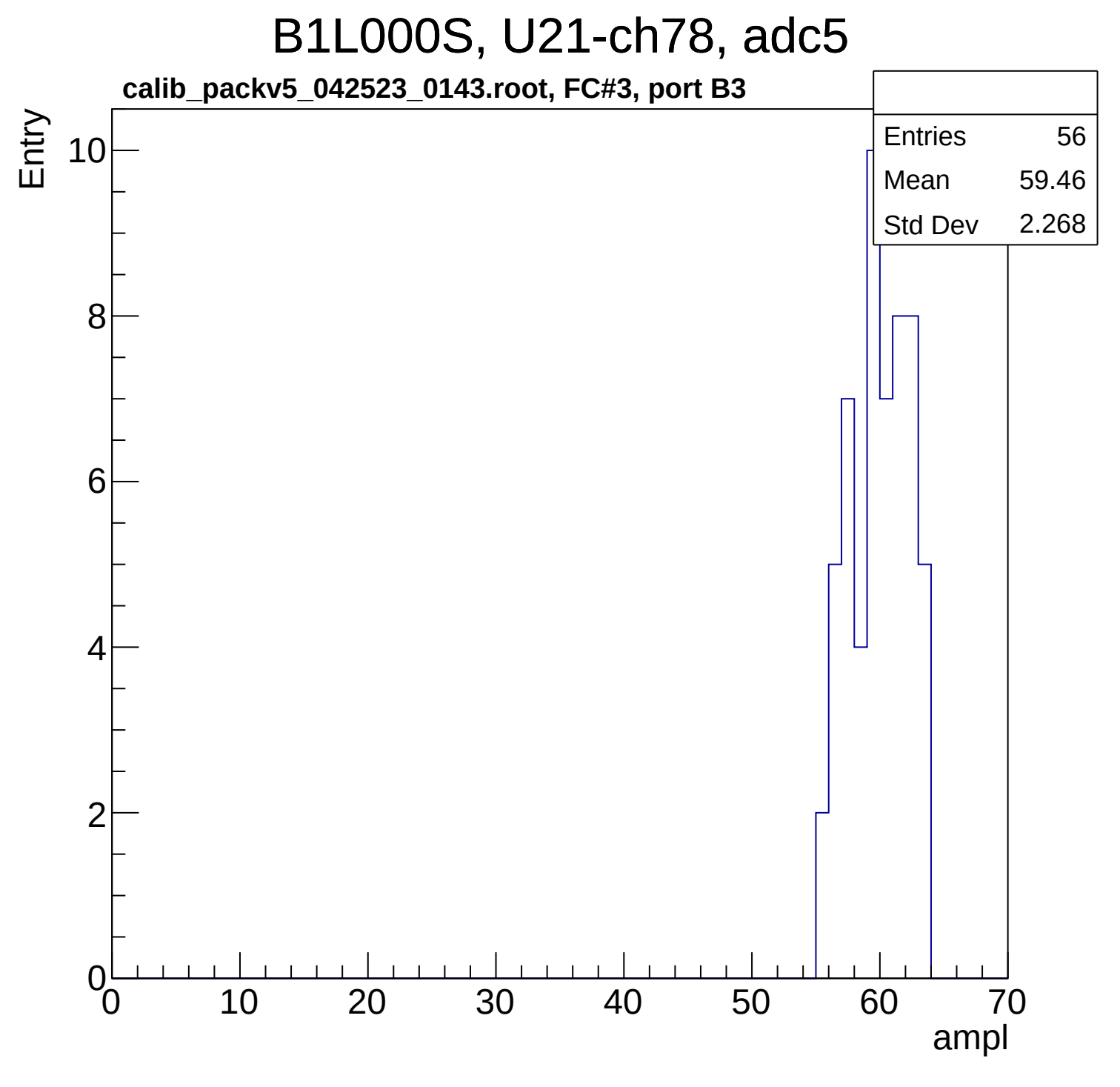

B1L000S, U21-ch78, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 29.7
Std Dev 4.91
Gaus mean : 30.1137
Gaus Width: 3.6094
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

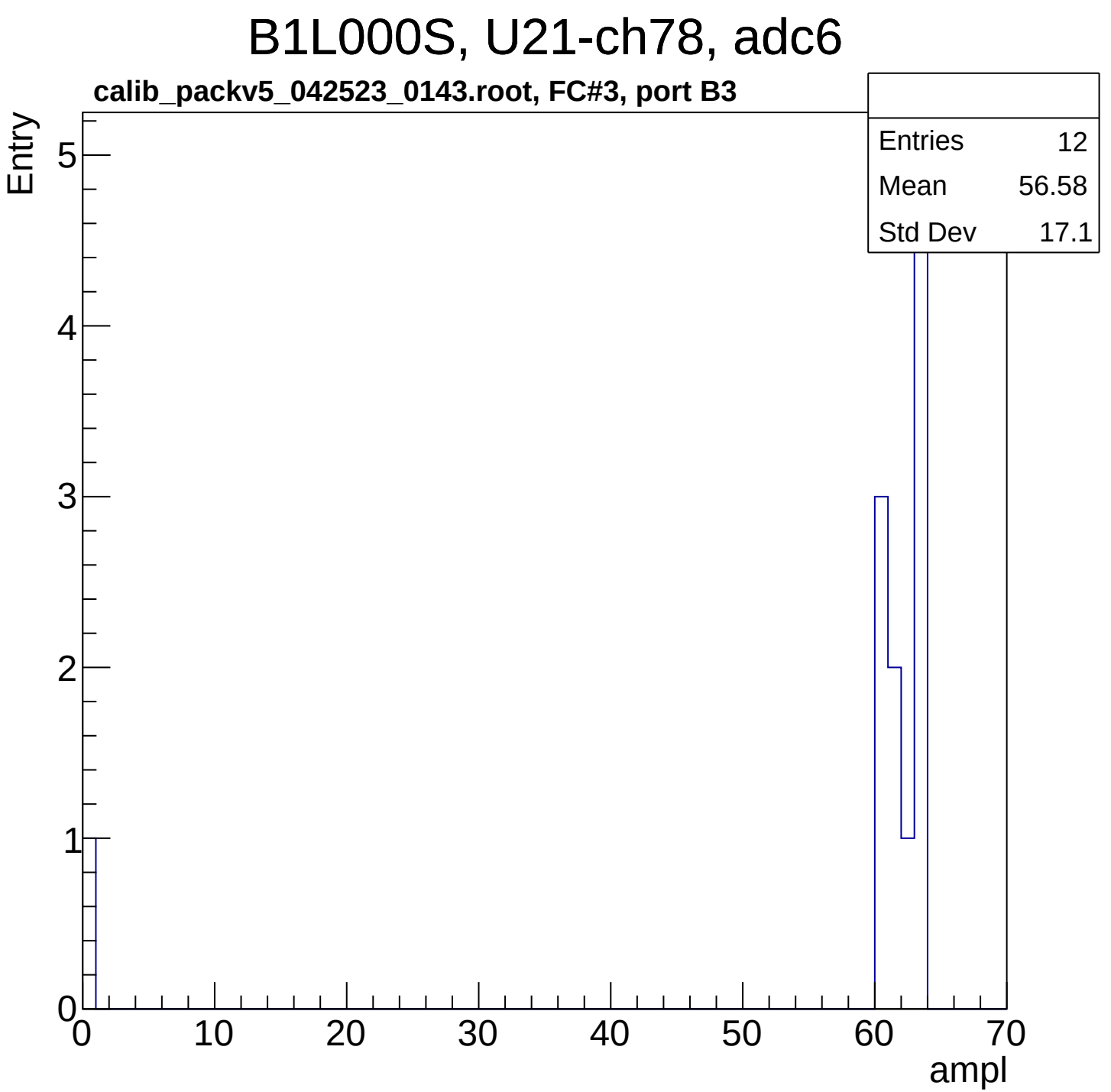

B1L000S, U21-ch78, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 36
Std Dev 2.969
Gaus mean : 36.2865
Gaus Width: 3.1544
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

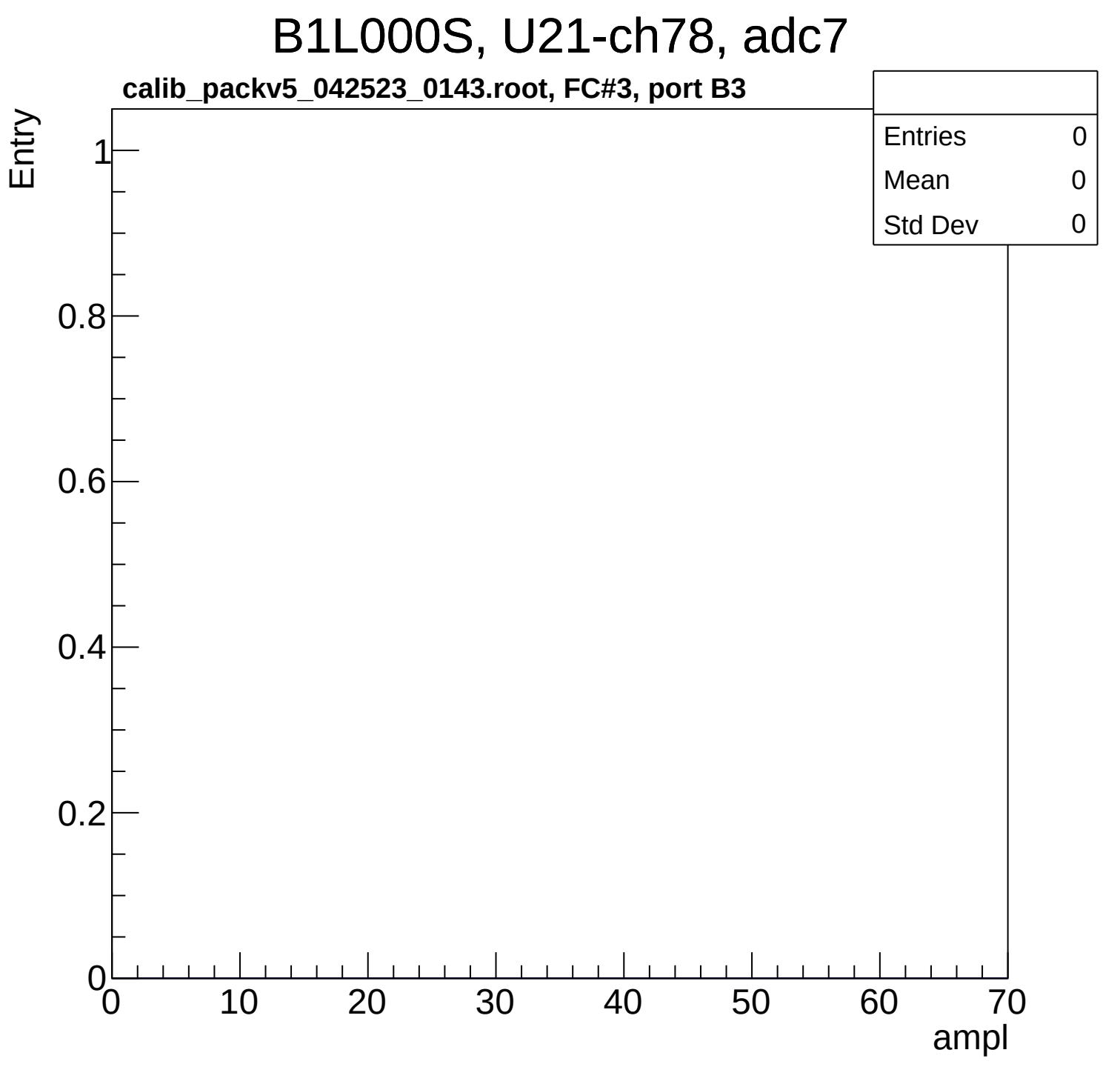

B1L000S, U21-ch78, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 42.16
Std Dev 3.151
Gaus mean : 42.6313
Gaus Width: 3.4254
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

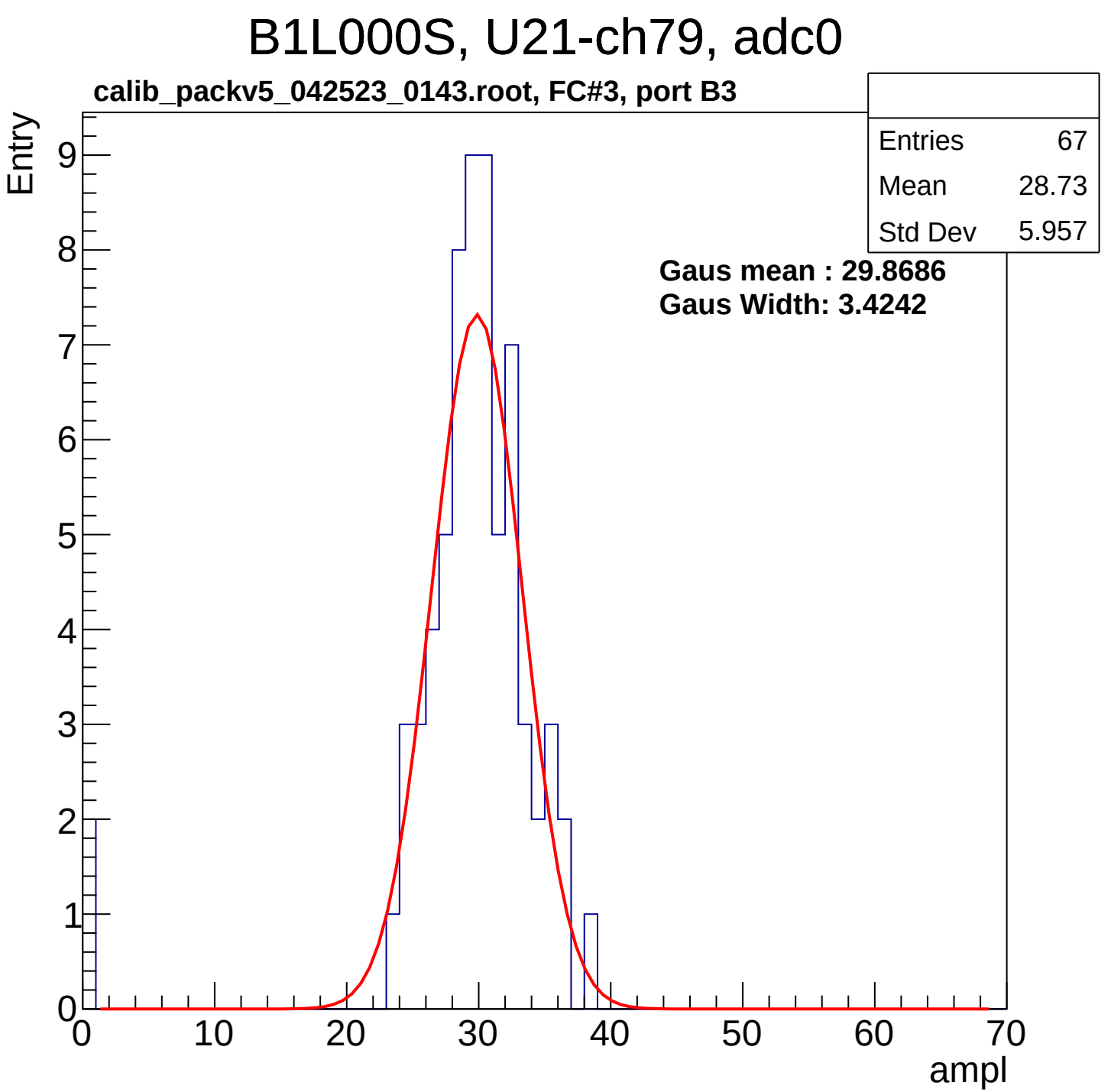

B1L000S, U21-ch78, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 48.98
Std Dev 3.23
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

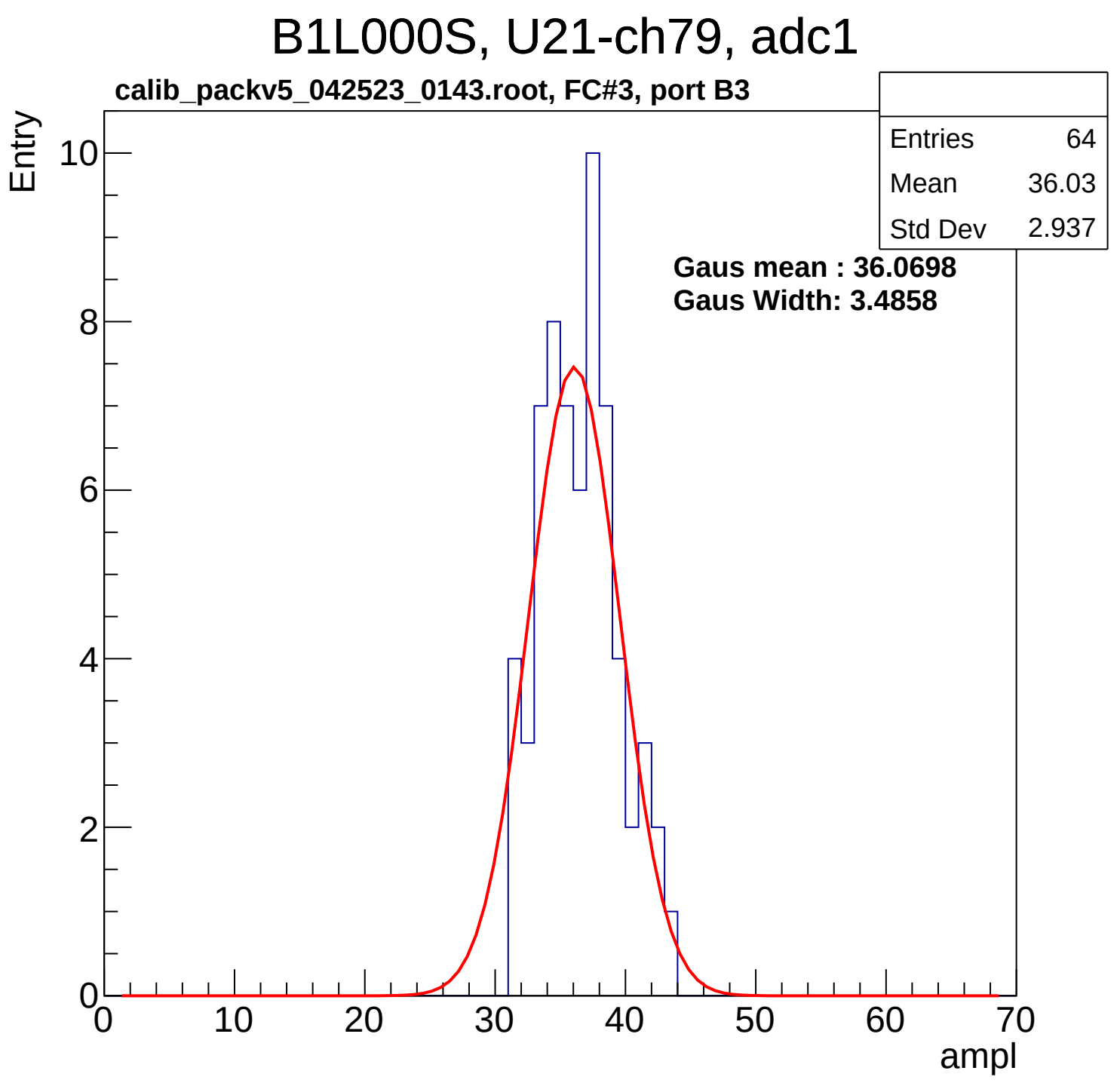

B1L000S, U21-ch78, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 53.8
Std Dev 3.04
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

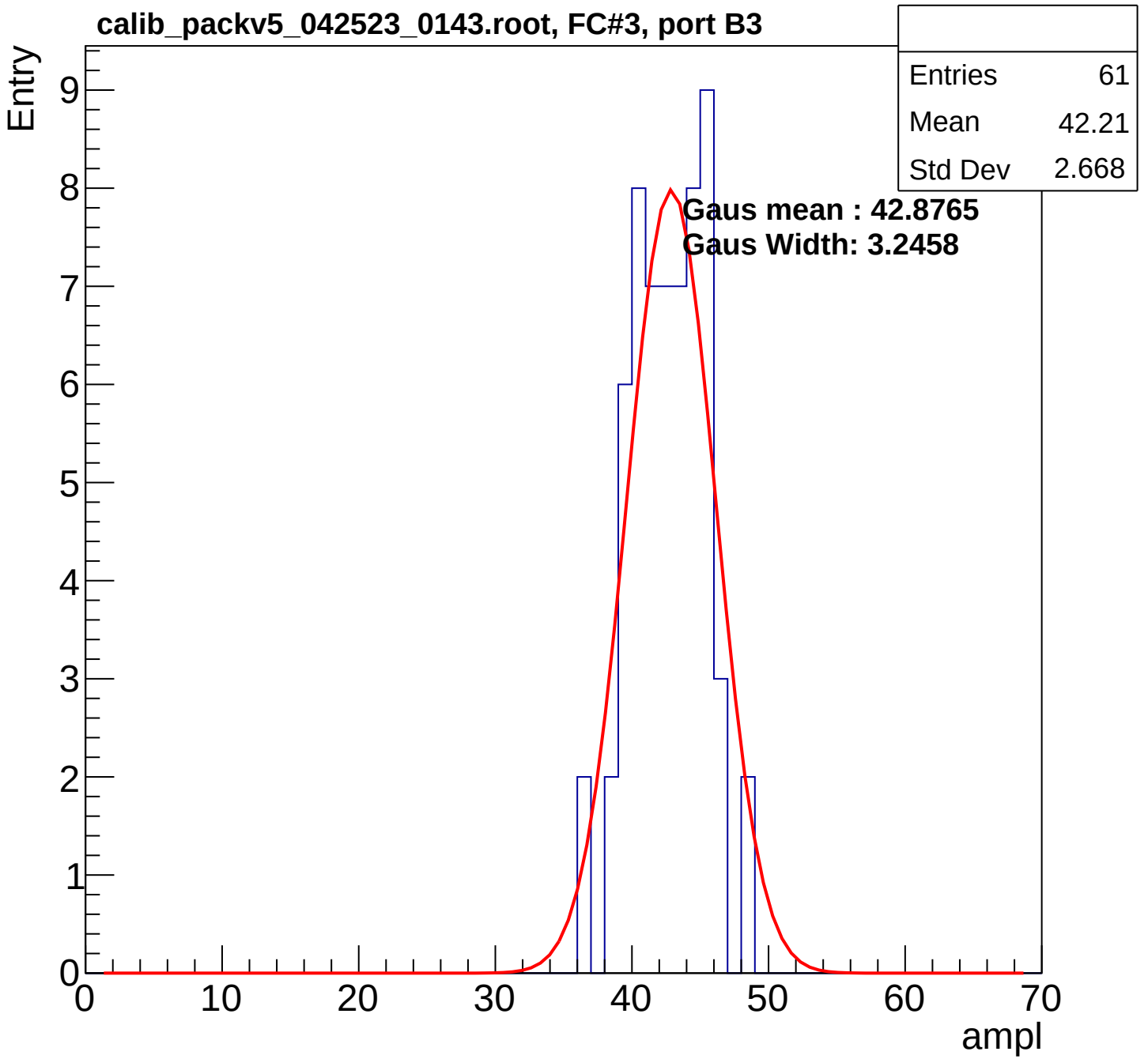

B1L000S, U21-ch78, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 59.46
Std Dev 2.268
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

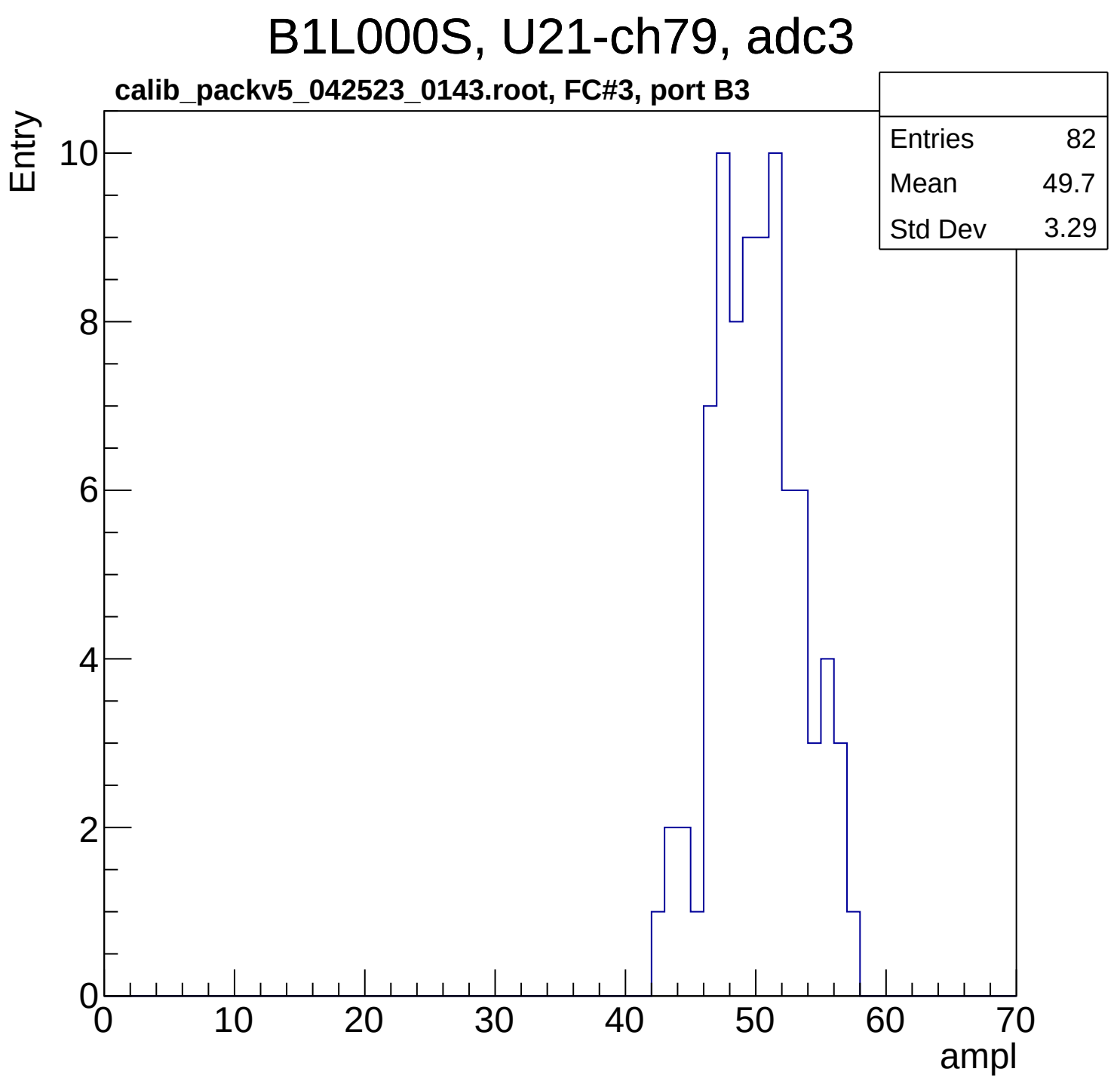

B1L000S, U21-ch78, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 56.58
Std Dev 17.1
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

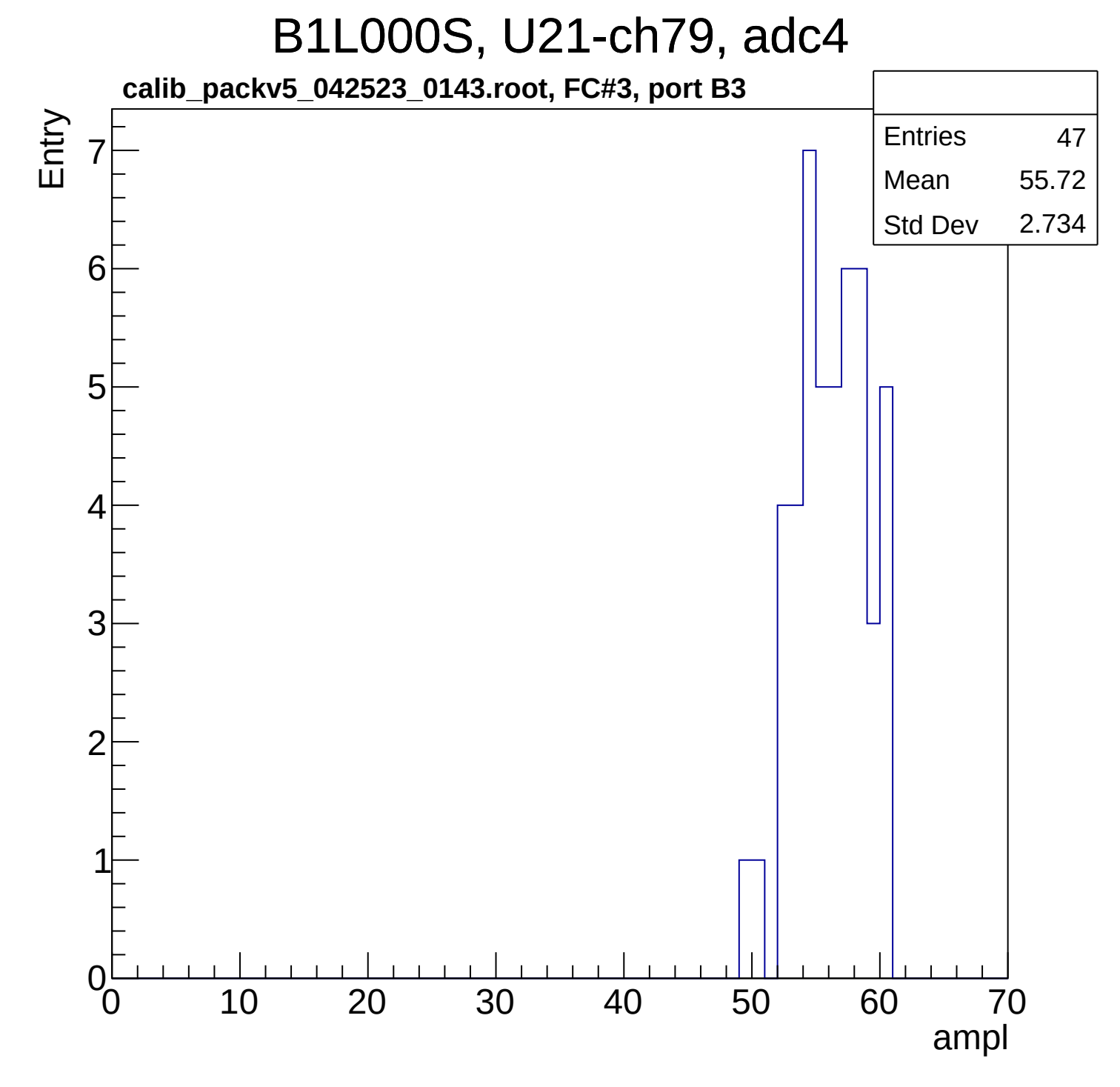

B1L000S, U21-ch78, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

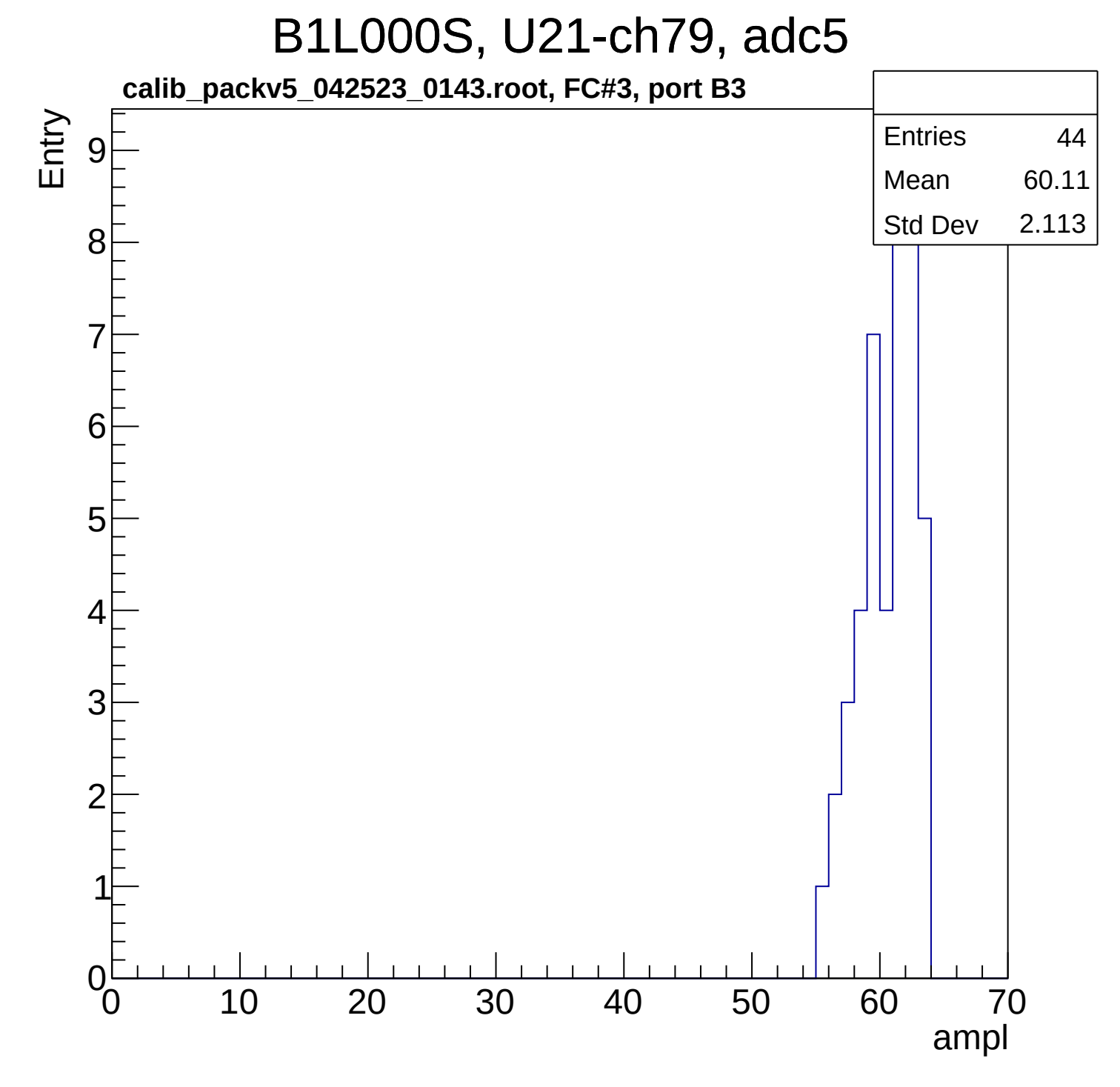

B1L000S, U21-ch79, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 28.73
Std Dev 5.957
Gaus mean : 29.8686
Gaus Width: 3.4242
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

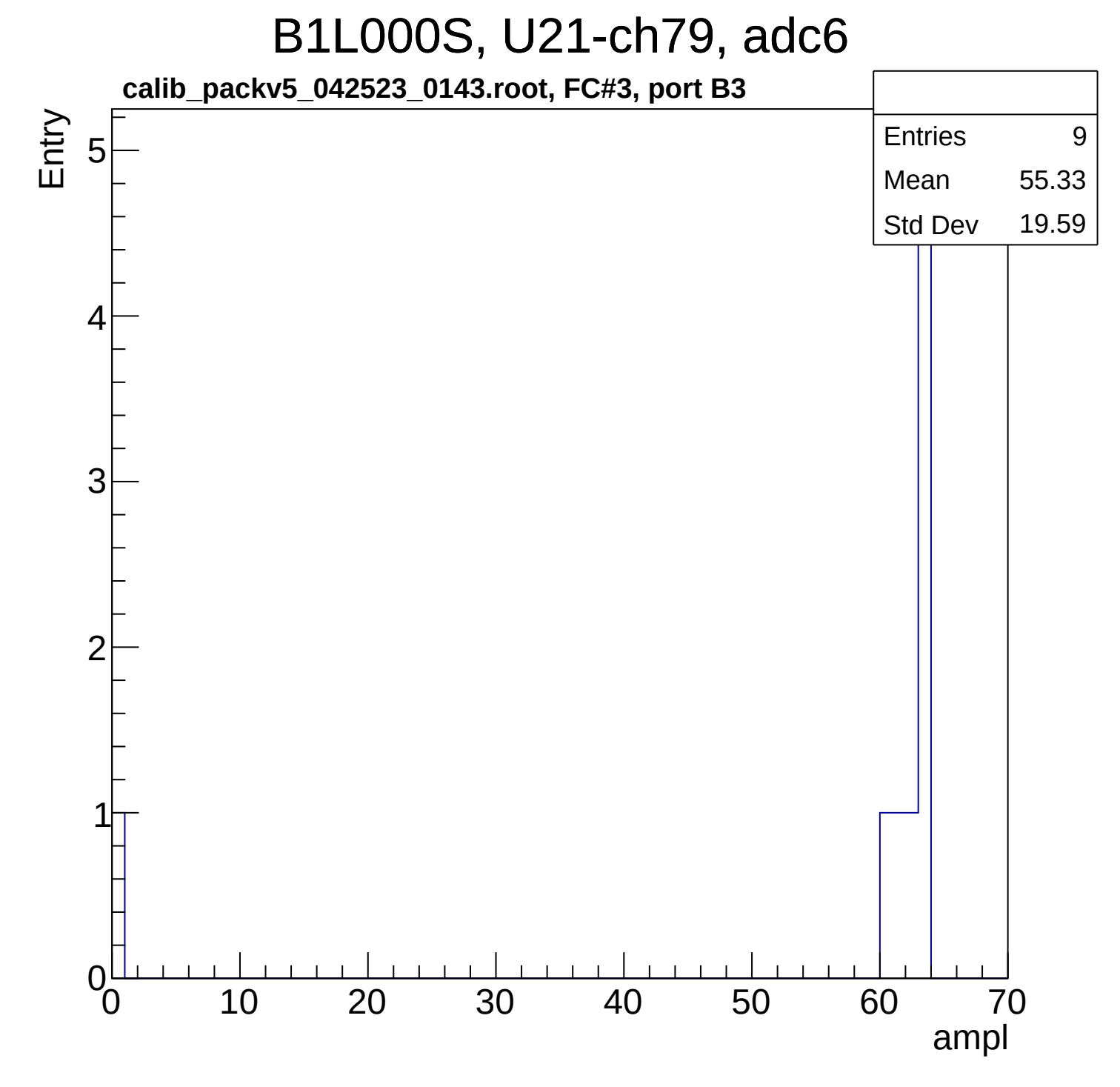

B1L000S, U21-ch79, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 36.03
Std Dev 2.937
Gaus mean : 36.0698
Gaus Width: 3.4858
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

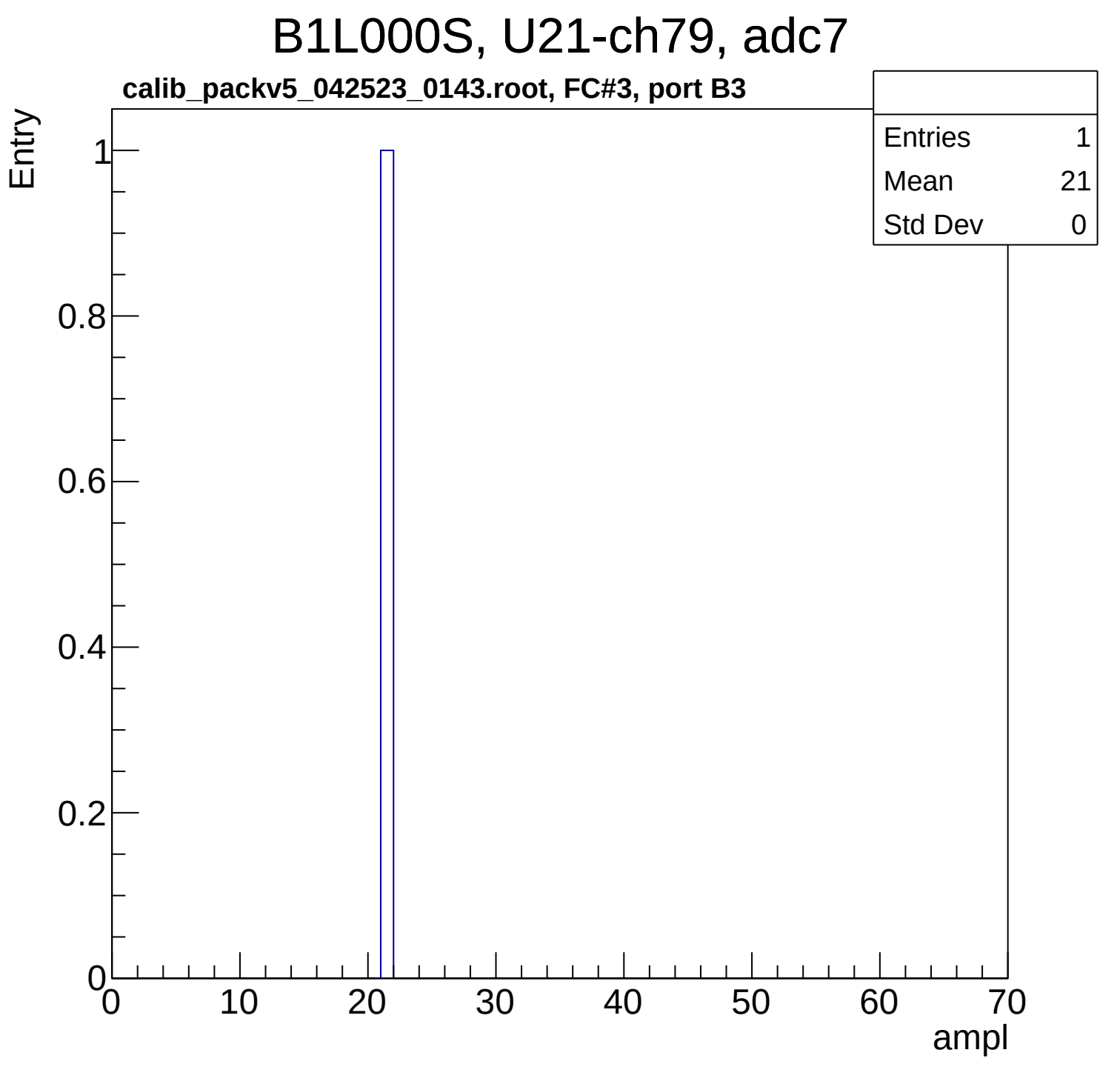

B1L000S, U21-ch79, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 42.21
Std Dev 2.668
Gaus mean : 42.8765
Gaus Width: 3.2458
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

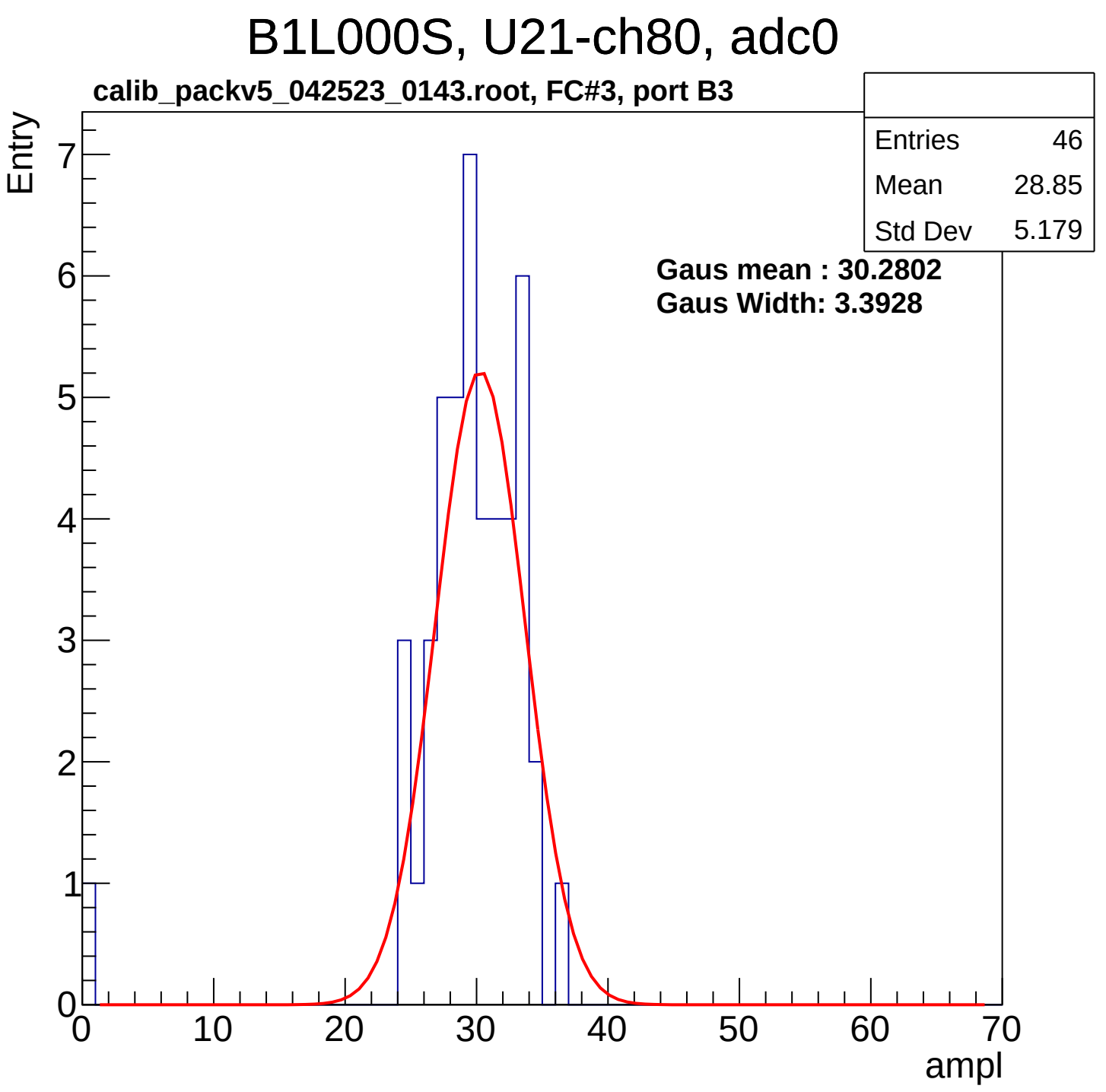

B1L000S, U21-ch79, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 82
Mean 49.7
Std Dev 3.29
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

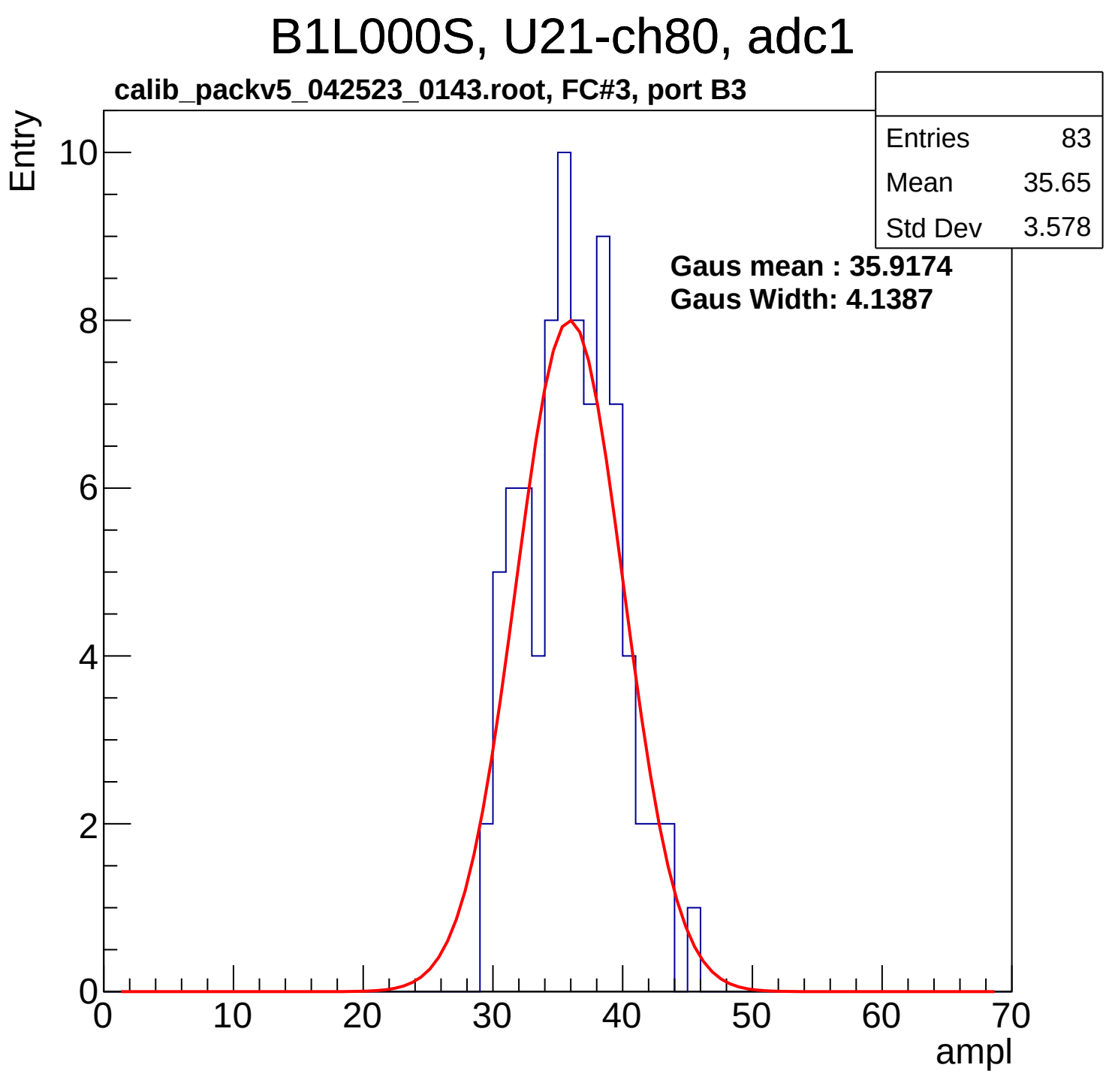

B1L000S, U21-ch79, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 55.72
Std Dev 2.734
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

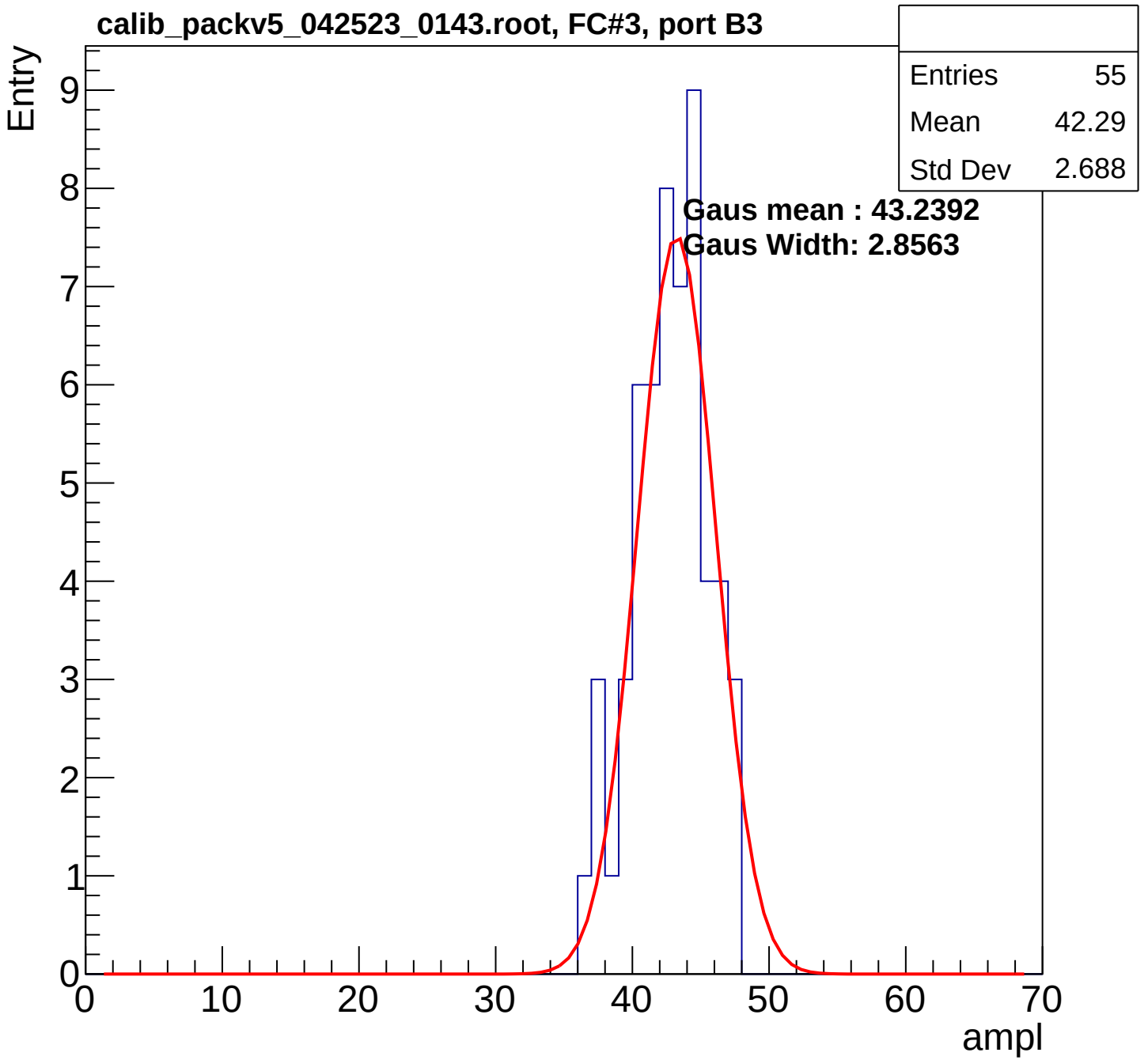

B1L000S, U21-ch79, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 60.11
Std Dev 2.113
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

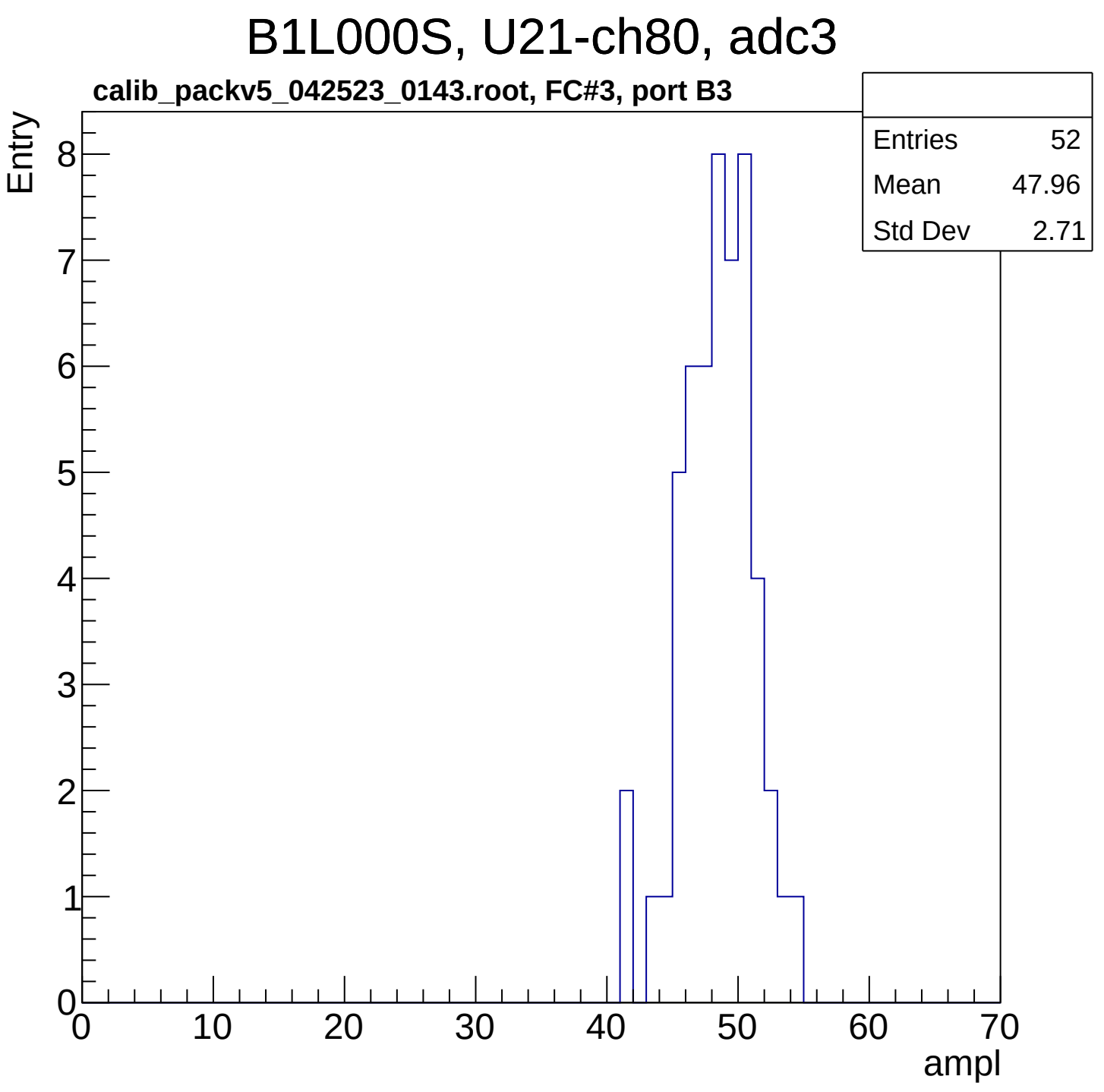

B1L000S, U21-ch79, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 55.33
Std Dev 19.59
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

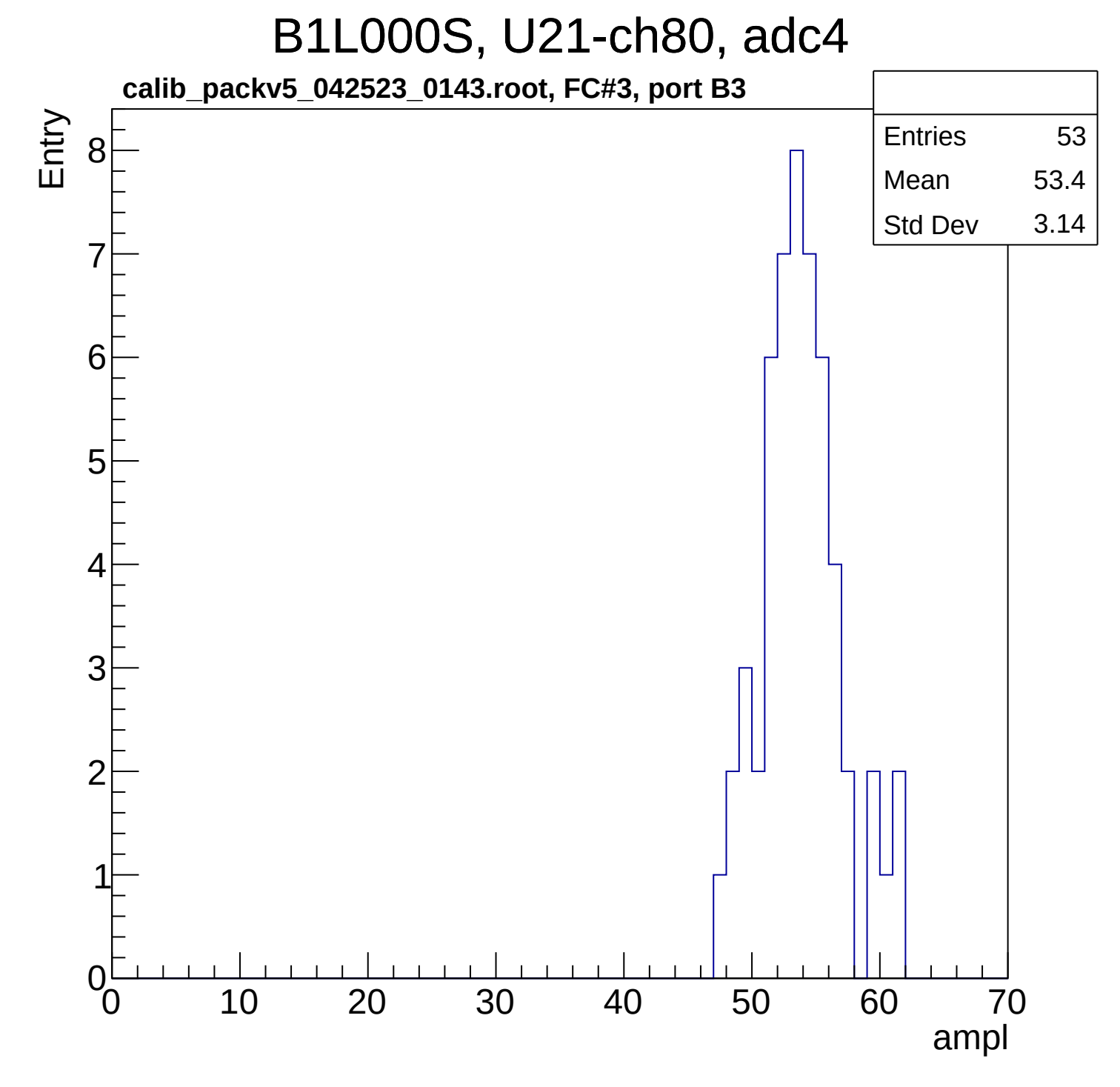

B1L000S, U21-ch79, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 21
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

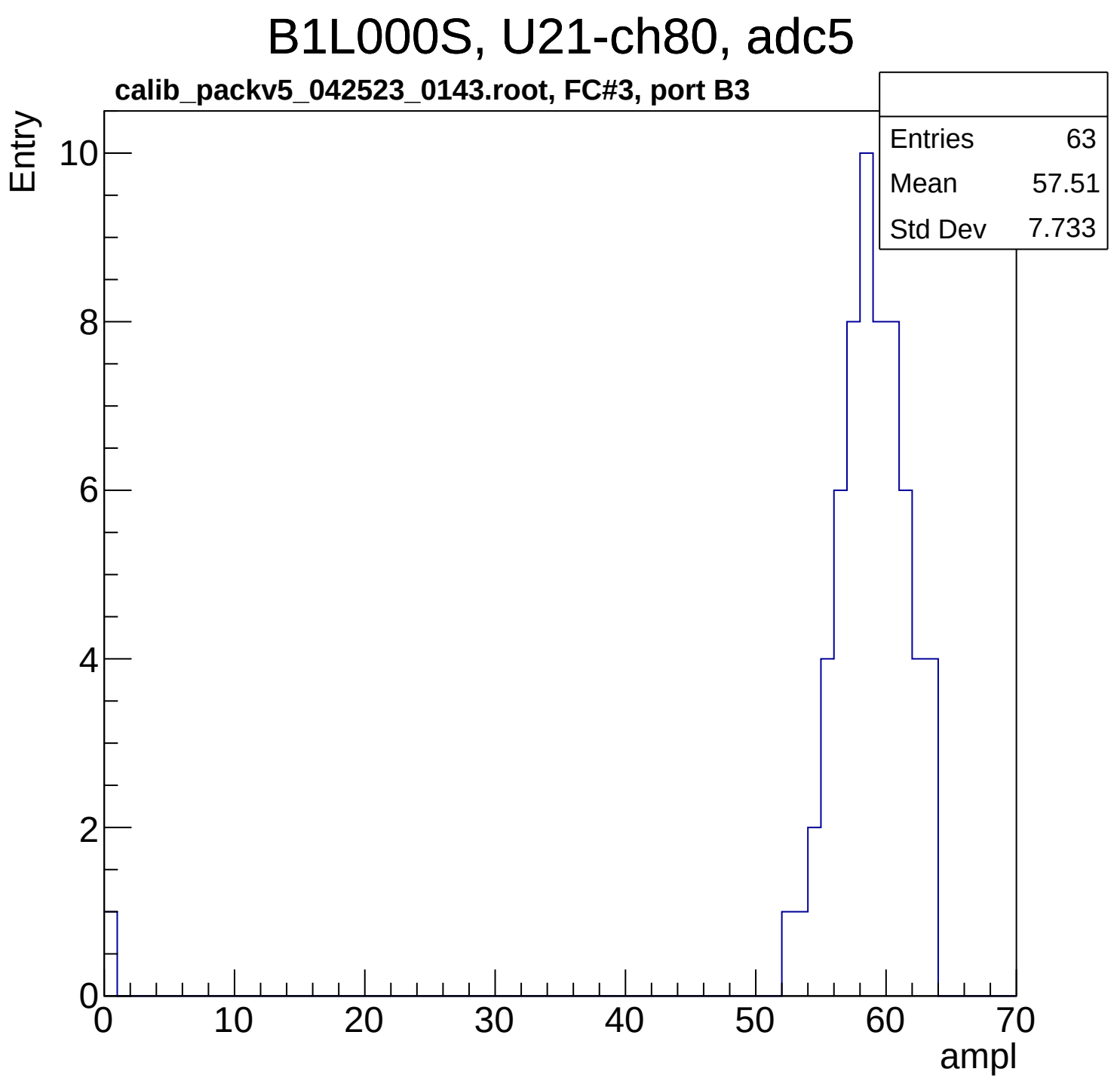

B1L000S, U21-ch80, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 28.85
Std Dev 5.179
Gaus mean : 30.2802
Gaus Width: 3.3928
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

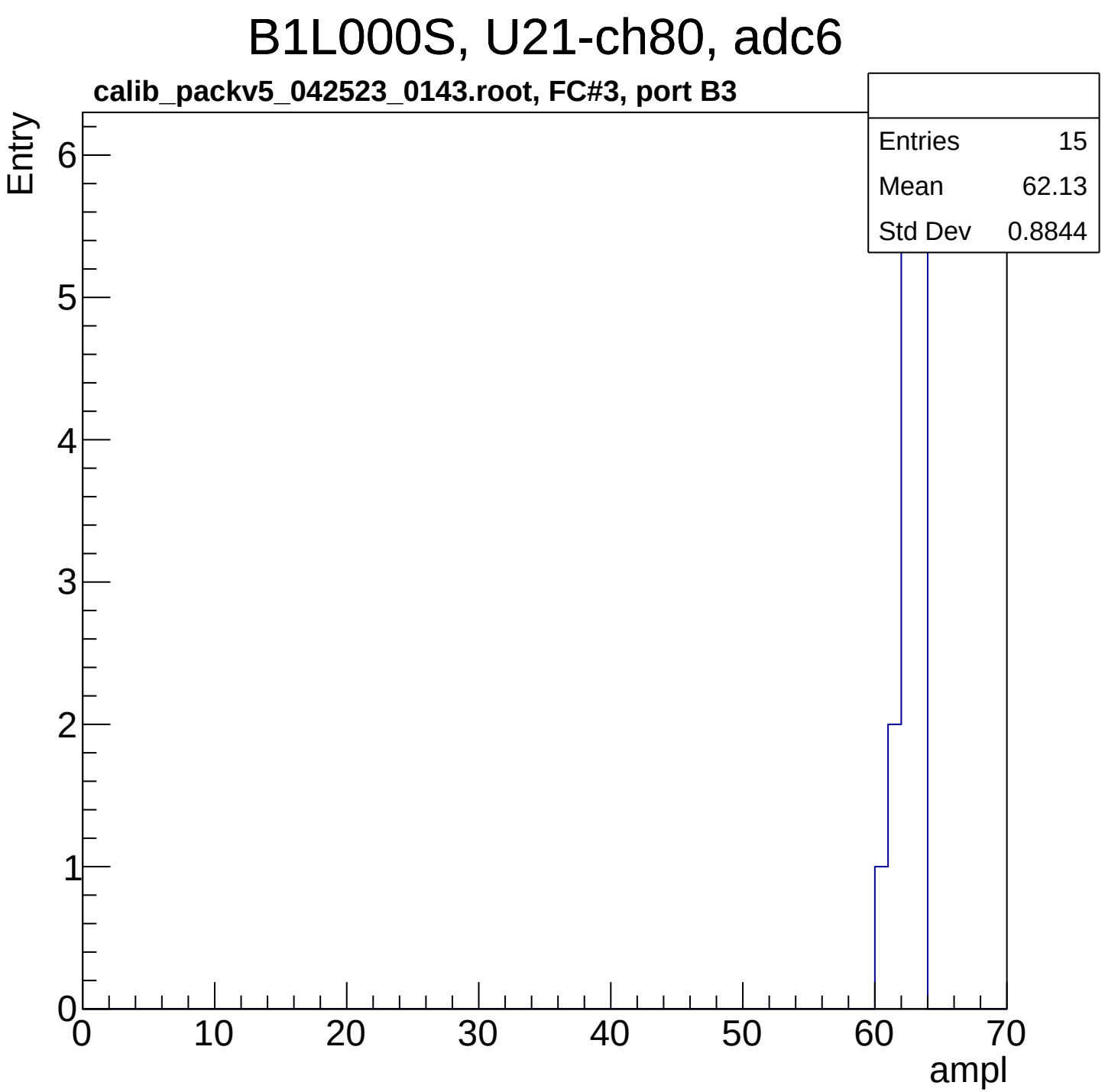

B1L000S, U21-ch80, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 83
Mean 35.65
Std Dev 3.578
Gaus mean : 35.9174
Gaus Width: 4.1387
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

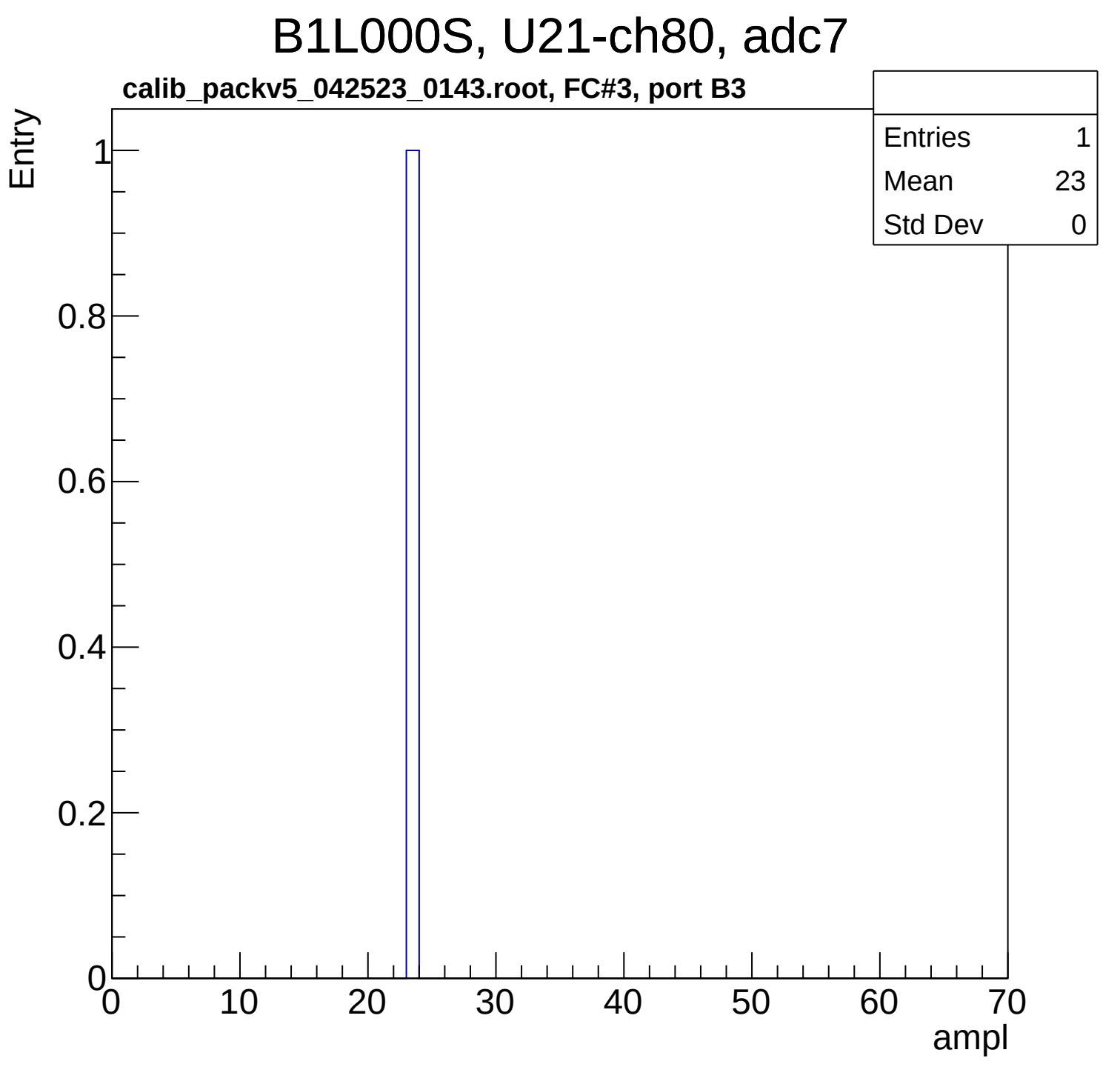

B1L000S, U21-ch80, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 42.29
Std Dev 2.688
Gaus mean : 43.2392
Gaus Width: 2.8563
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

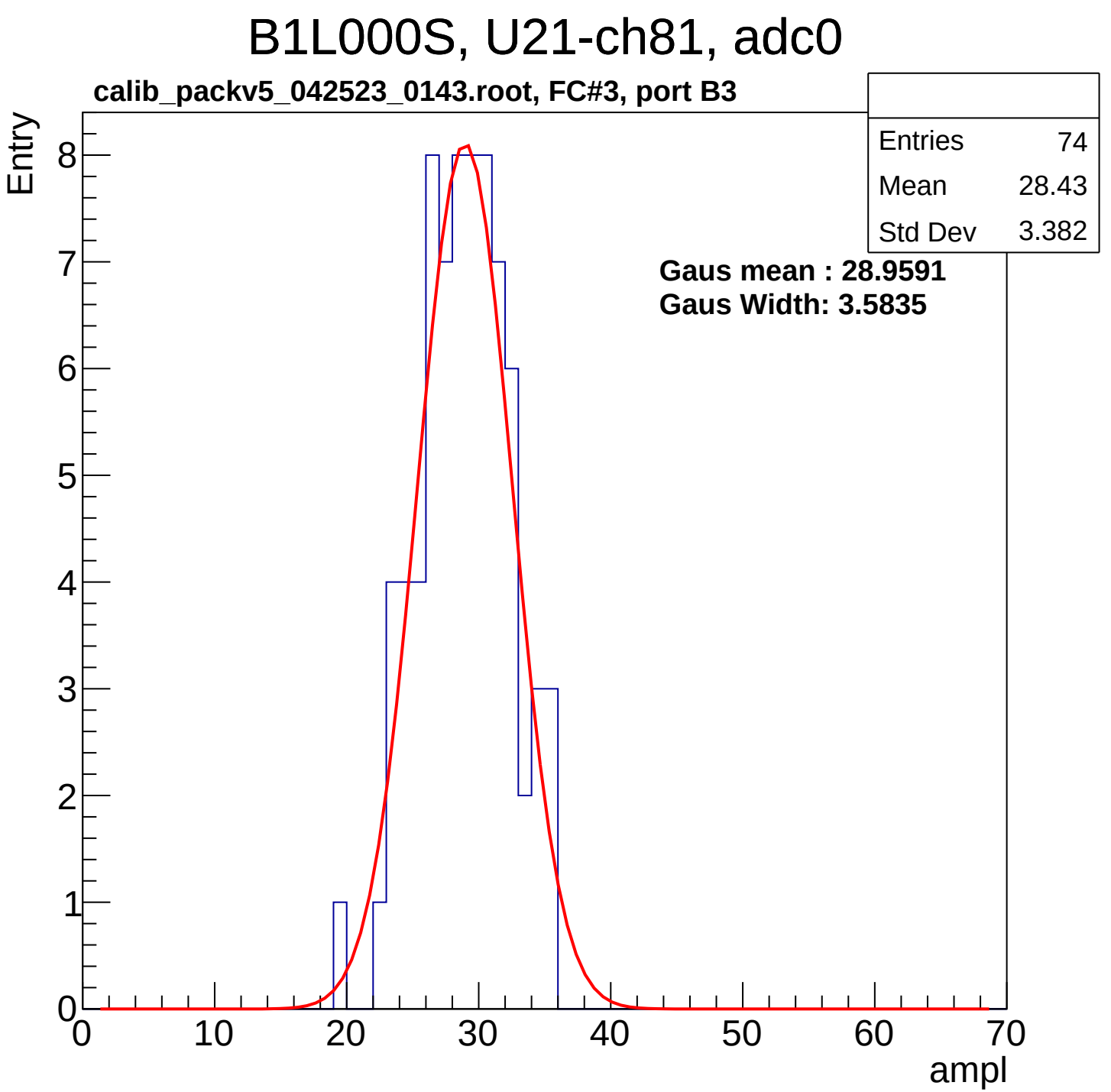

B1L000S, U21-ch80, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 47.96
Std Dev 2.71
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

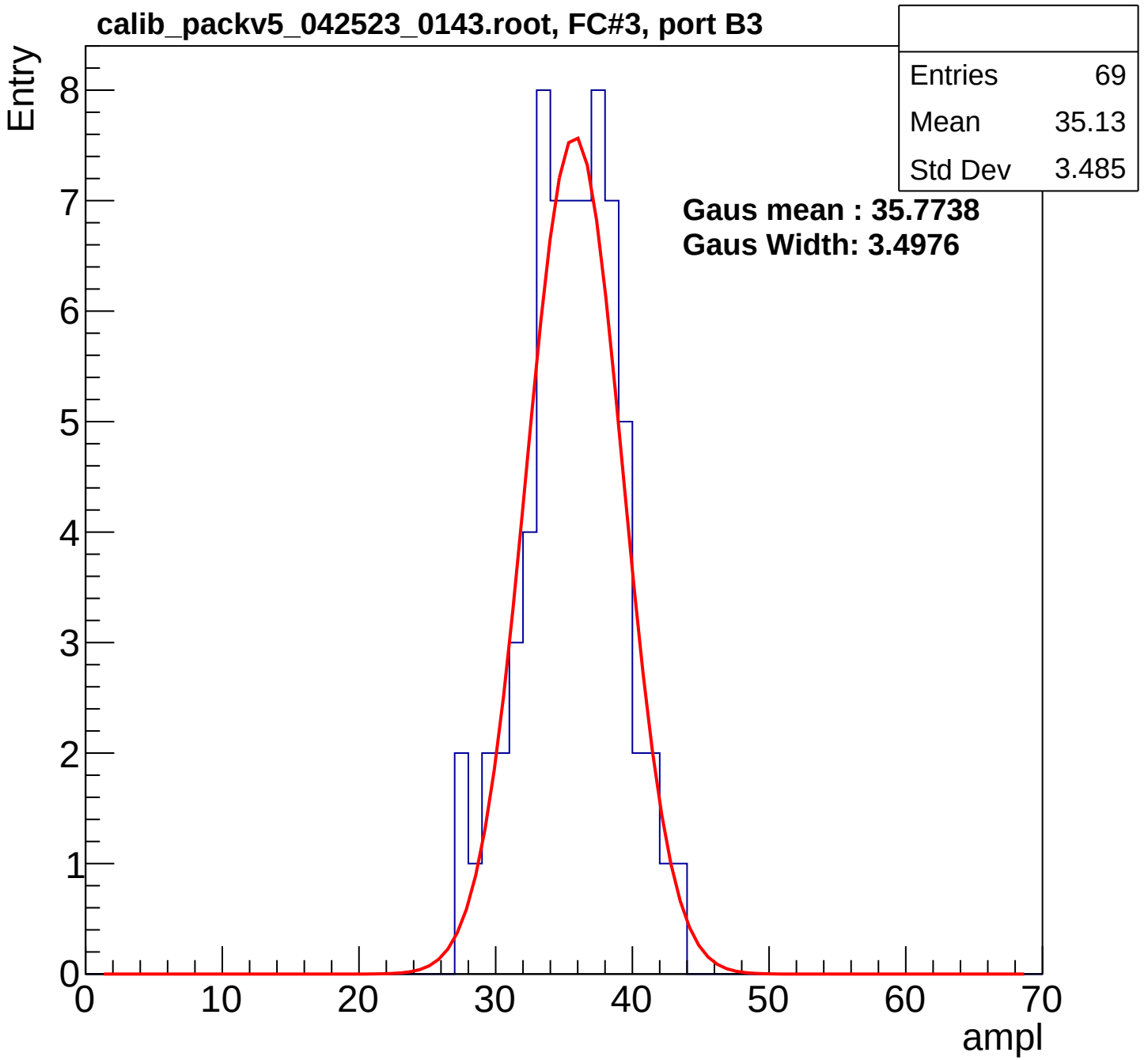

B1L000S, U21-ch80, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 53.4
Std Dev 3.14
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

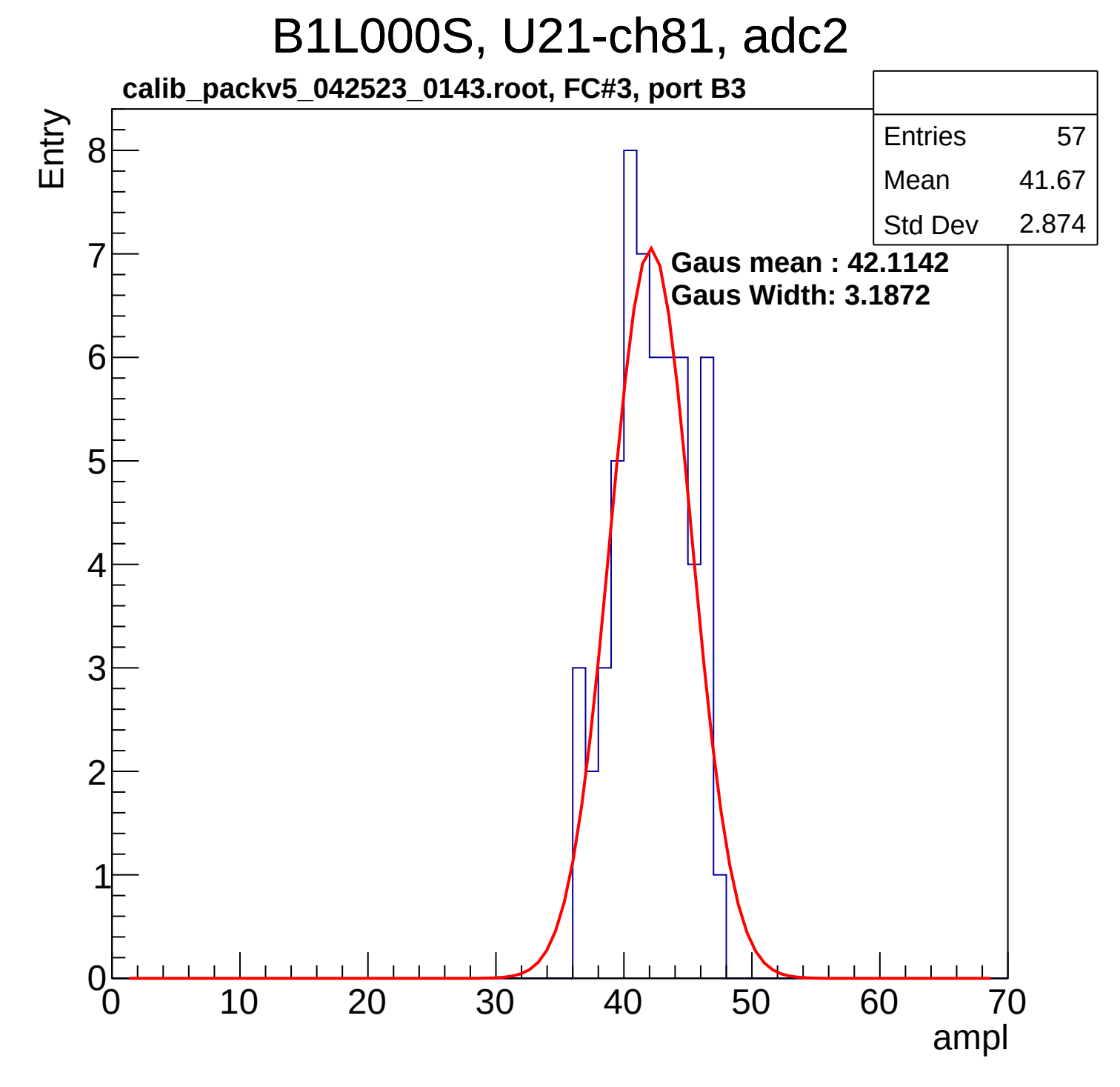

B1L000S, U21-ch80, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 57.51
Std Dev 7.733
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

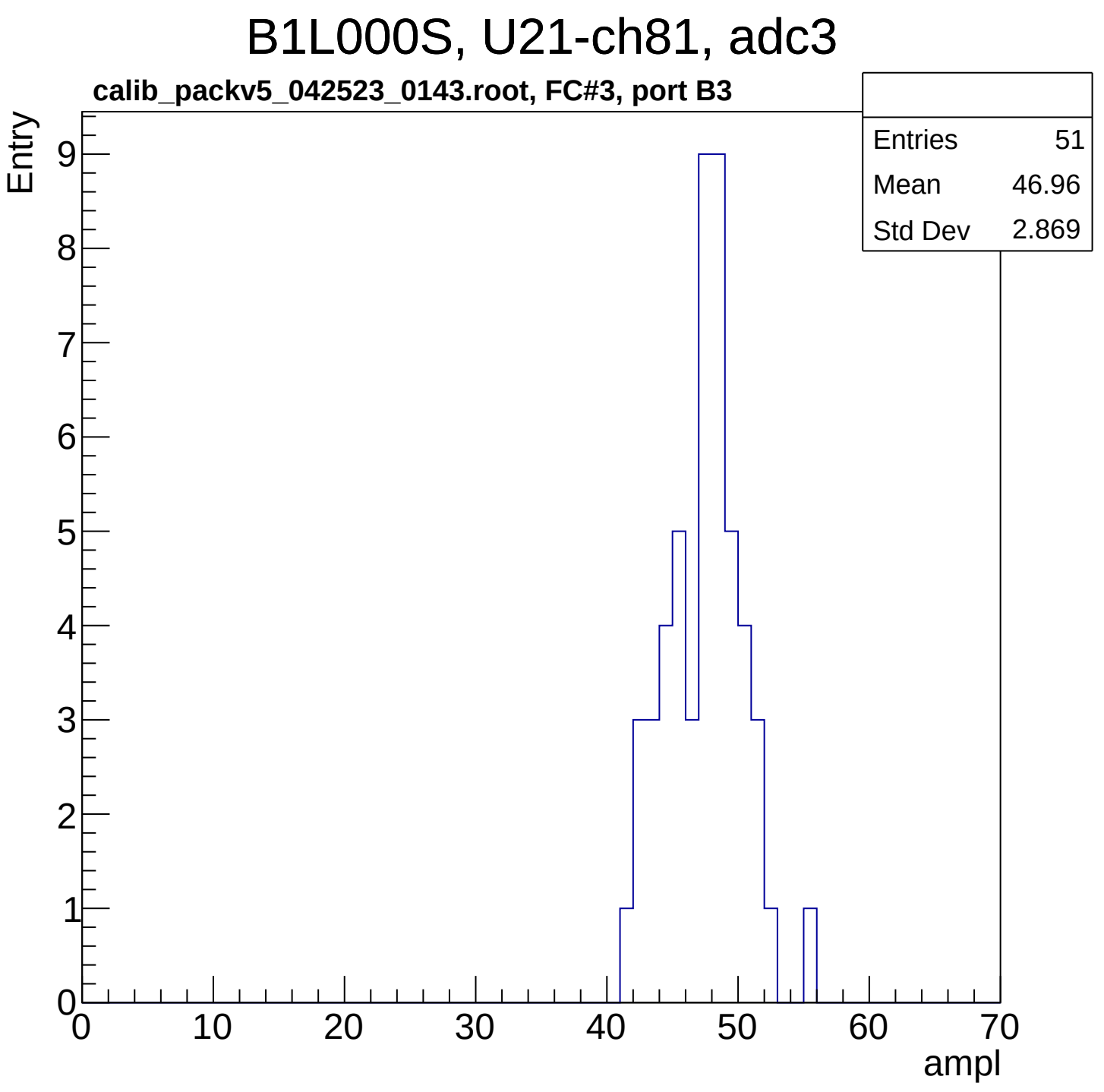

B1L000S, U21-ch80, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 62.13
Std Dev 0.8844
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

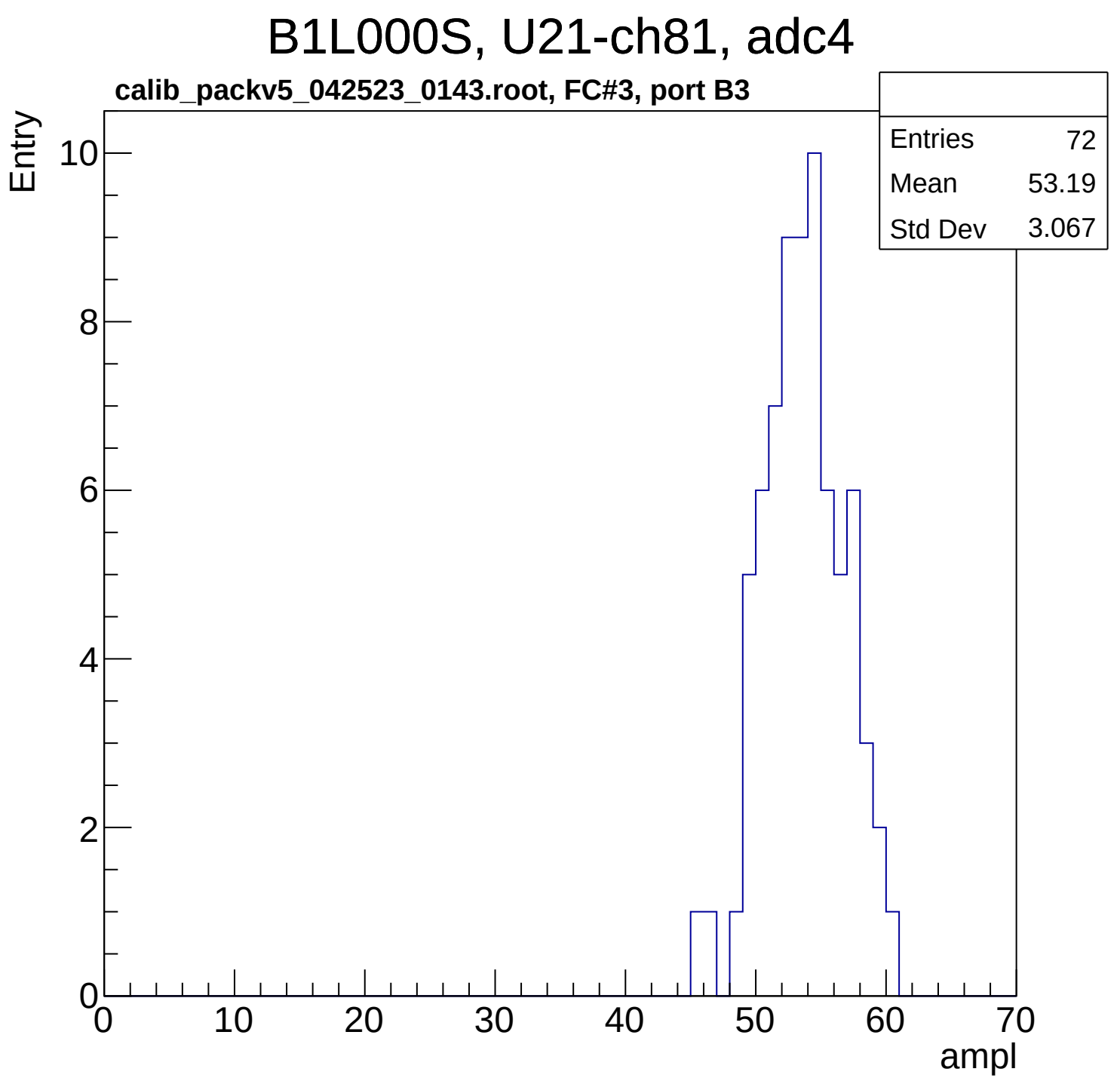

B1L000S, U21-ch80, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 23
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

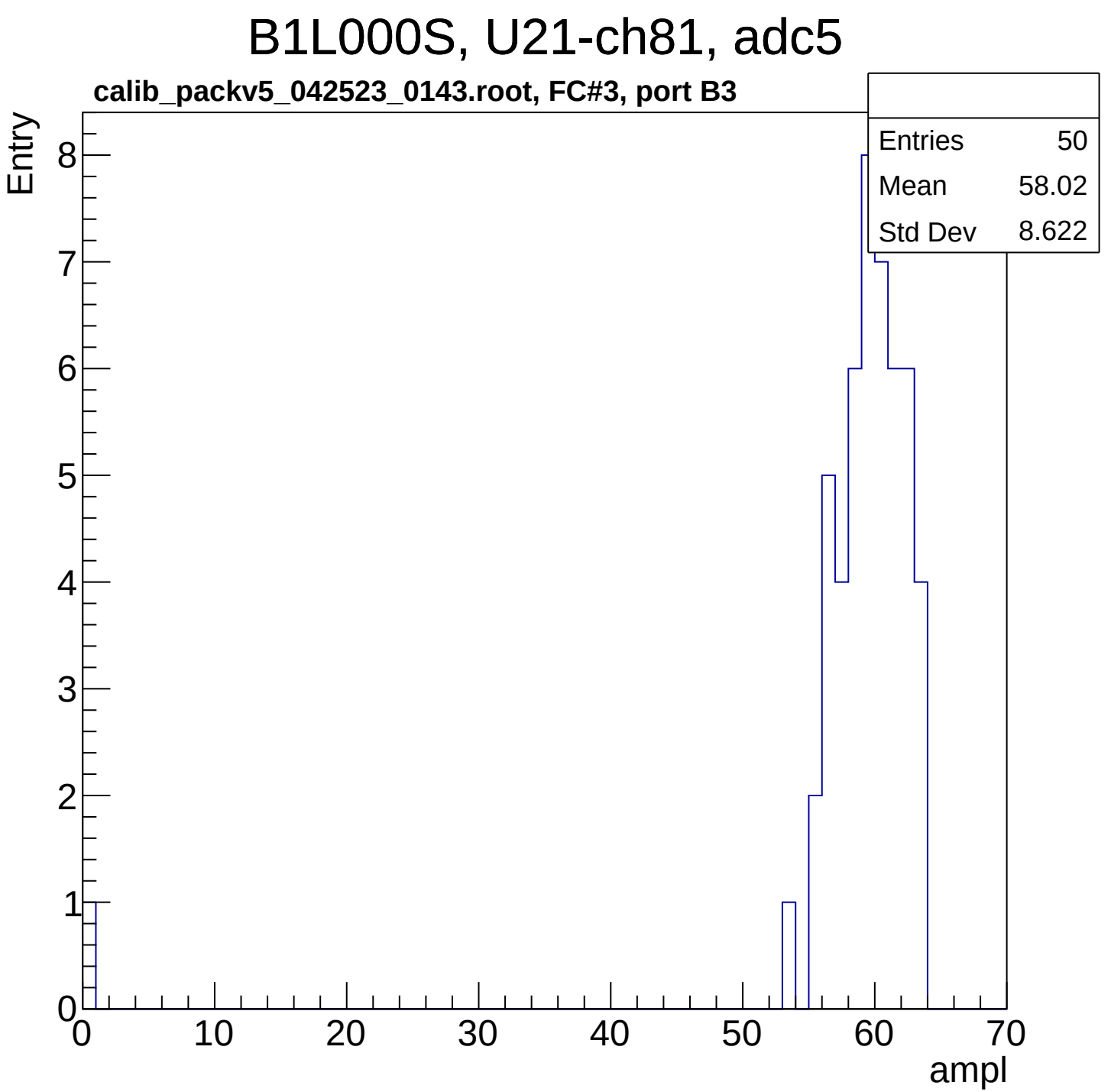

B1L000S, U21-ch81, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 28.43
Std Dev 3.382
Gaus mean : 28.9591
Gaus Width: 3.5835
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

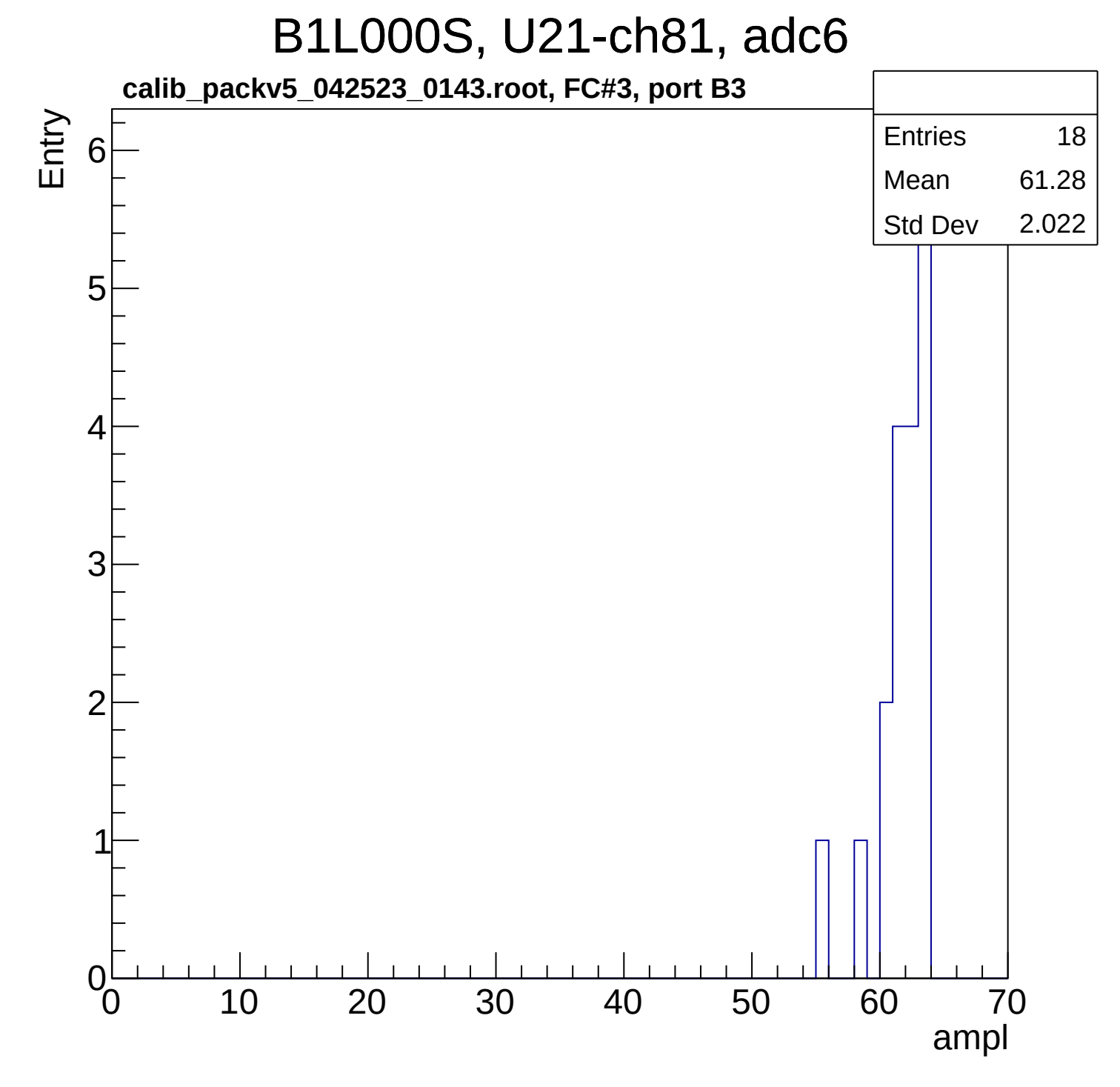

B1L000S, U21-ch81, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 35.13
Std Dev 3.485
Gaus mean : 35.7738
Gaus Width: 3.4976
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

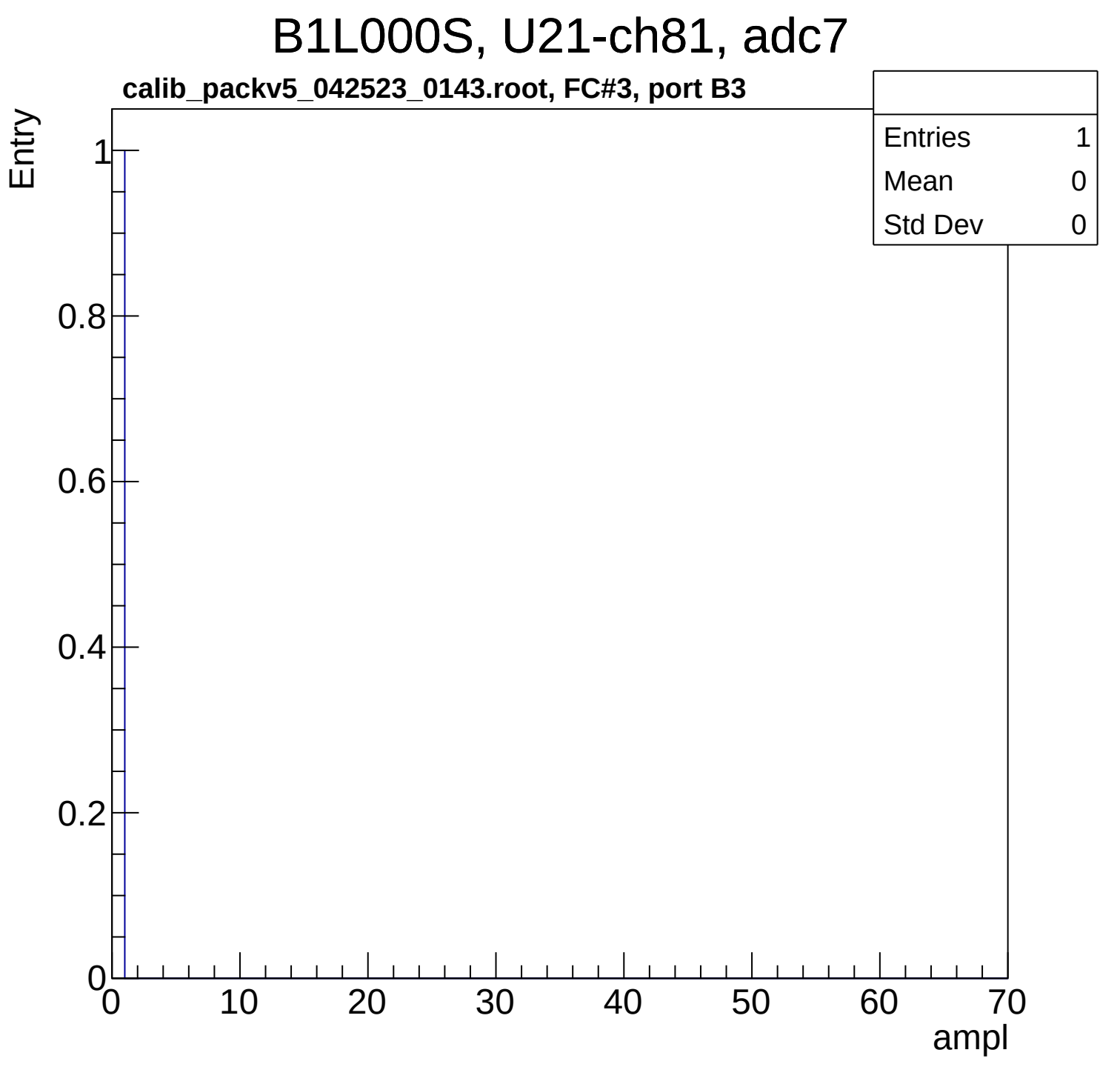

B1L000S, U21-ch81, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 41.67
Std Dev 2.874
Gaus mean : 42.1142
Gaus Width: 3.1872
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

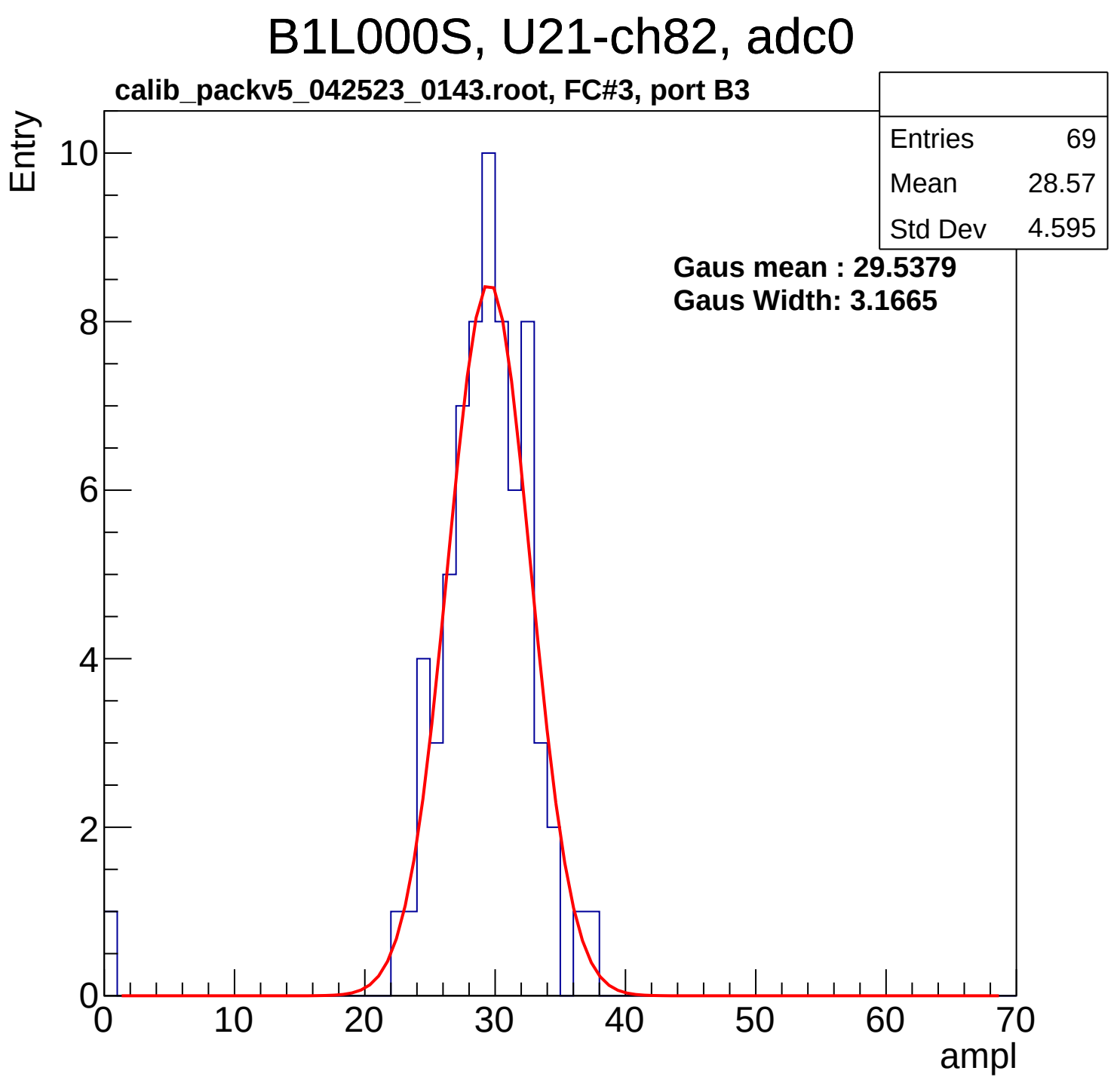

B1L000S, U21-ch81, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 46.96
Std Dev 2.869
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

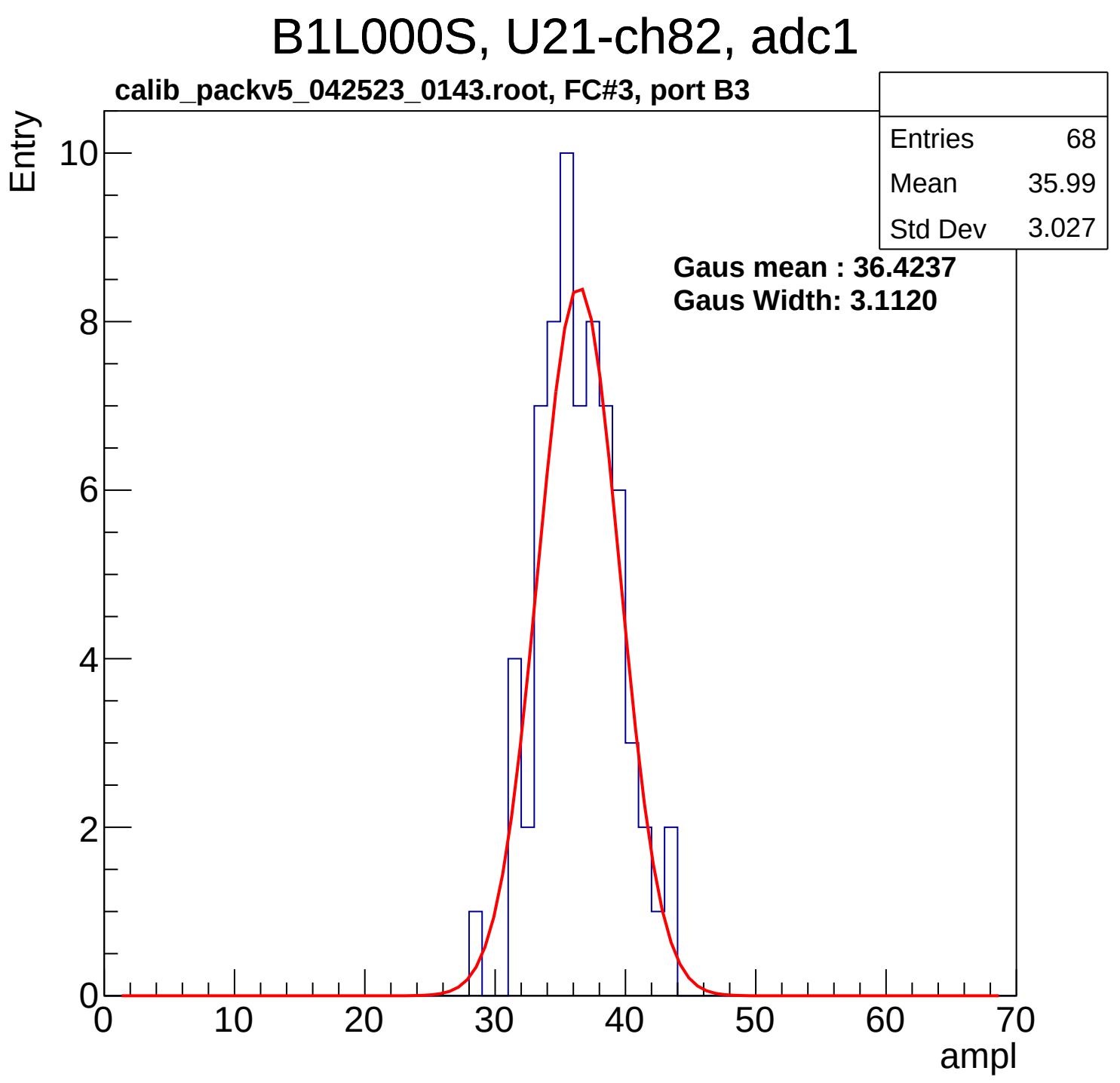

B1L000S, U21-ch81, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 53.19
Std Dev 3.067
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

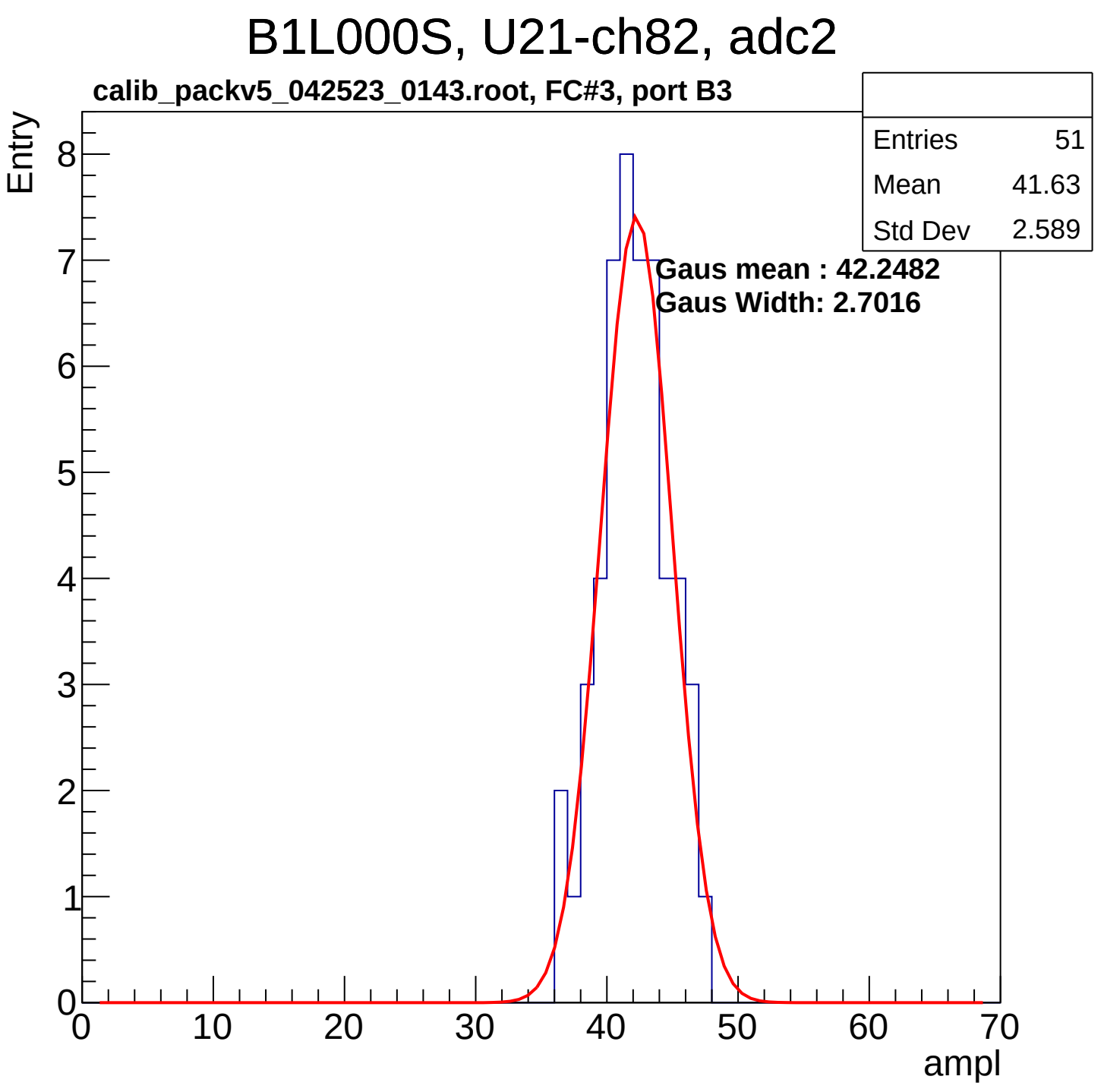

B1L000S, U21-ch81, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 58.02
Std Dev 8.622
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

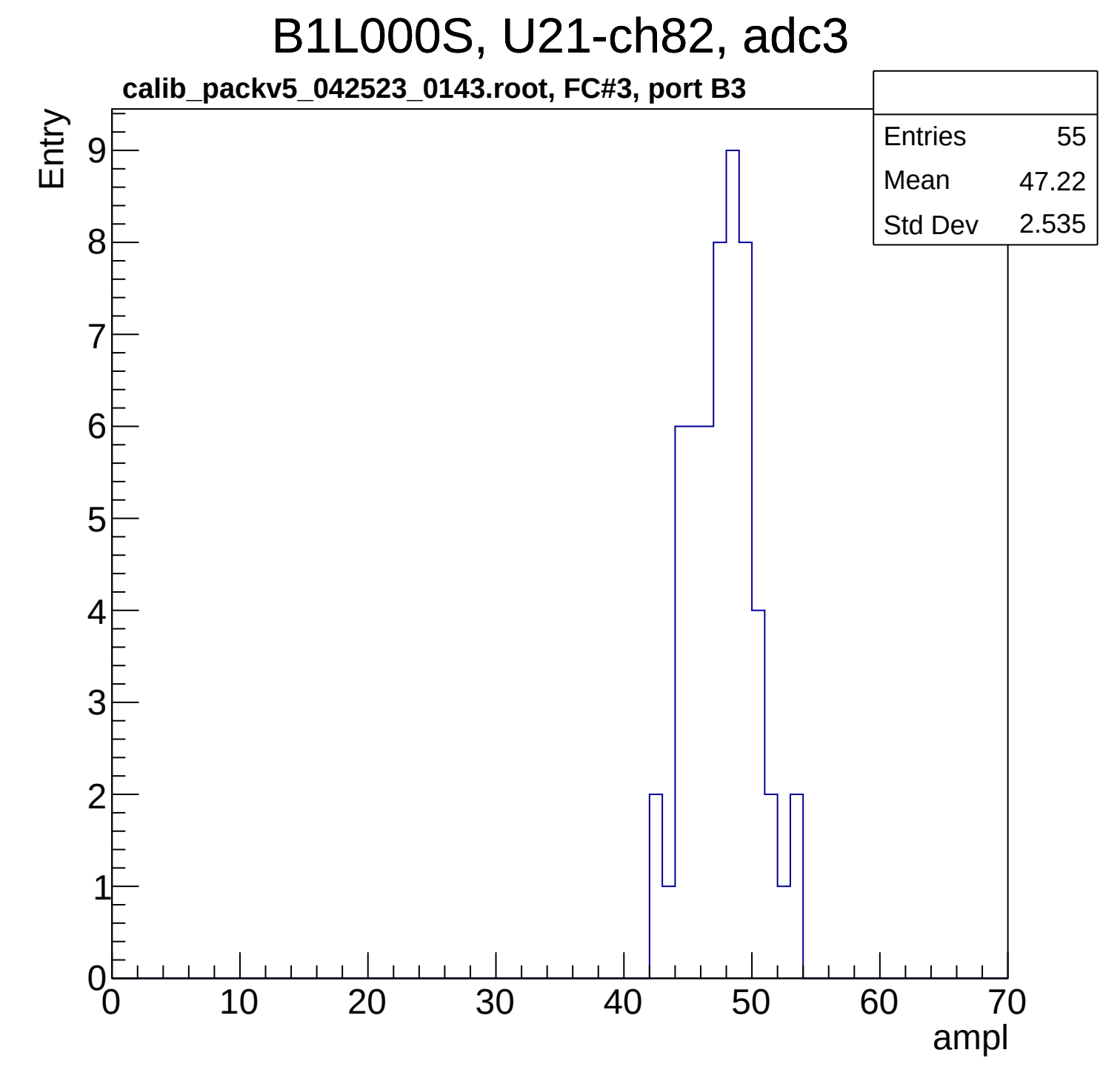

B1L000S, U21-ch81, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 18
Mean 61.28
Std Dev 2.022
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

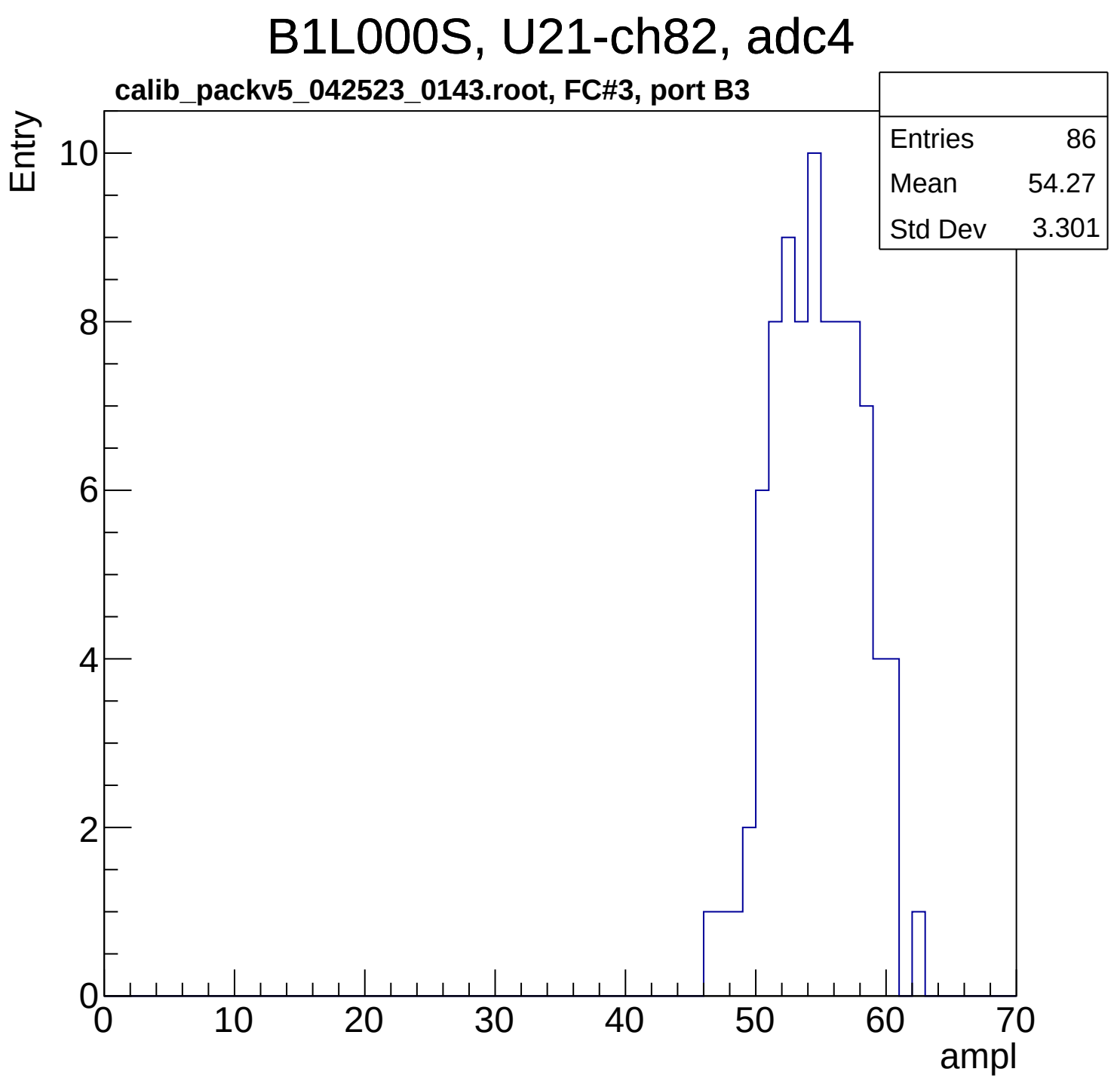

B1L000S, U21-ch81, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

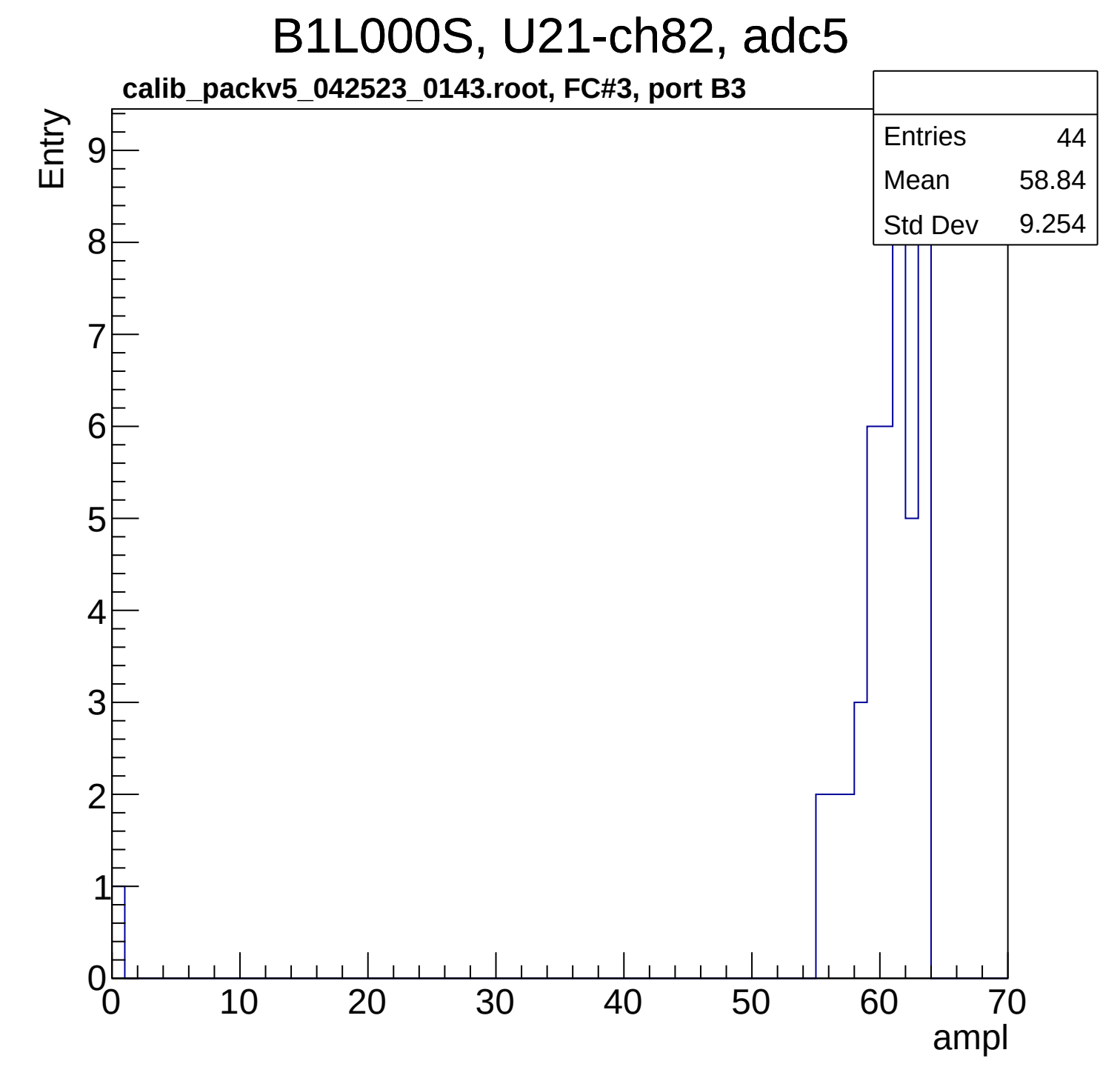

B1L000S, U21-ch82, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 28.57
Std Dev 4.595
Gaus mean : 29.5379
Gaus Width: 3.1665
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

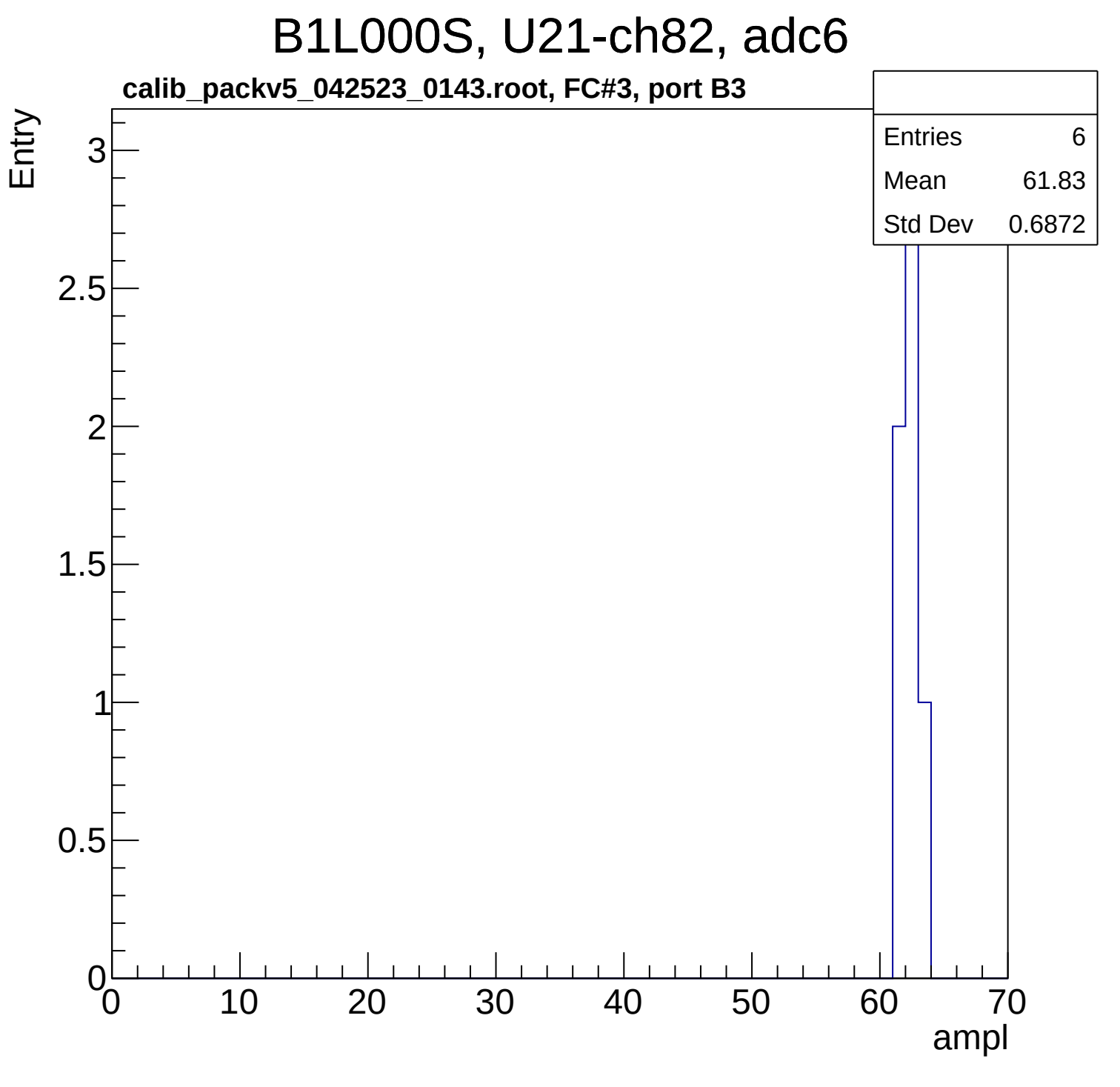

B1L000S, U21-ch82, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 35.99
Std Dev 3.027
Gaus mean : 36.4237
Gaus Width: 3.1120
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

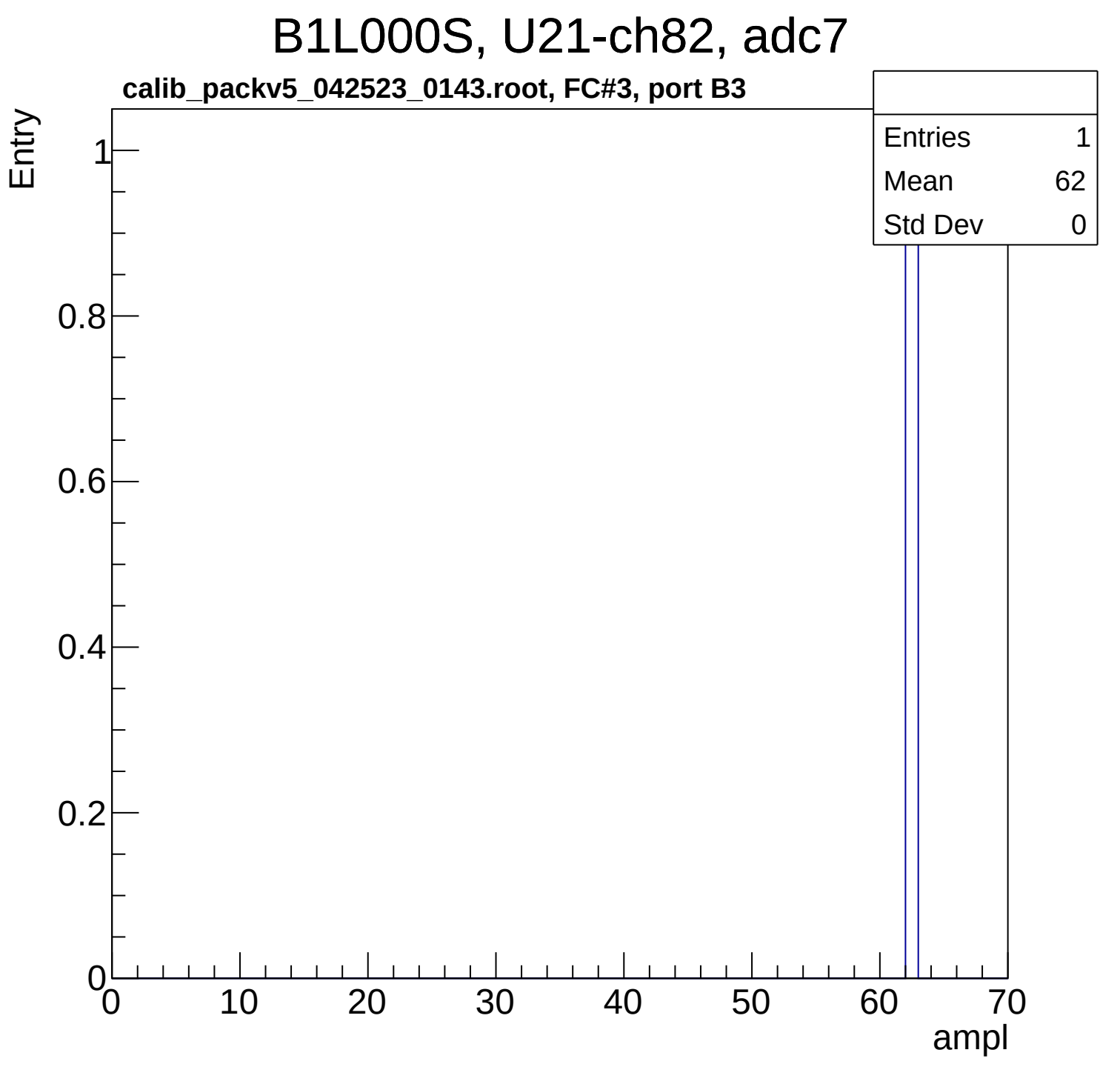

B1L000S, U21-ch82, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 41.63
Std Dev 2.589
Gaus mean : 42.2482
Gaus Width: 2.7016
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

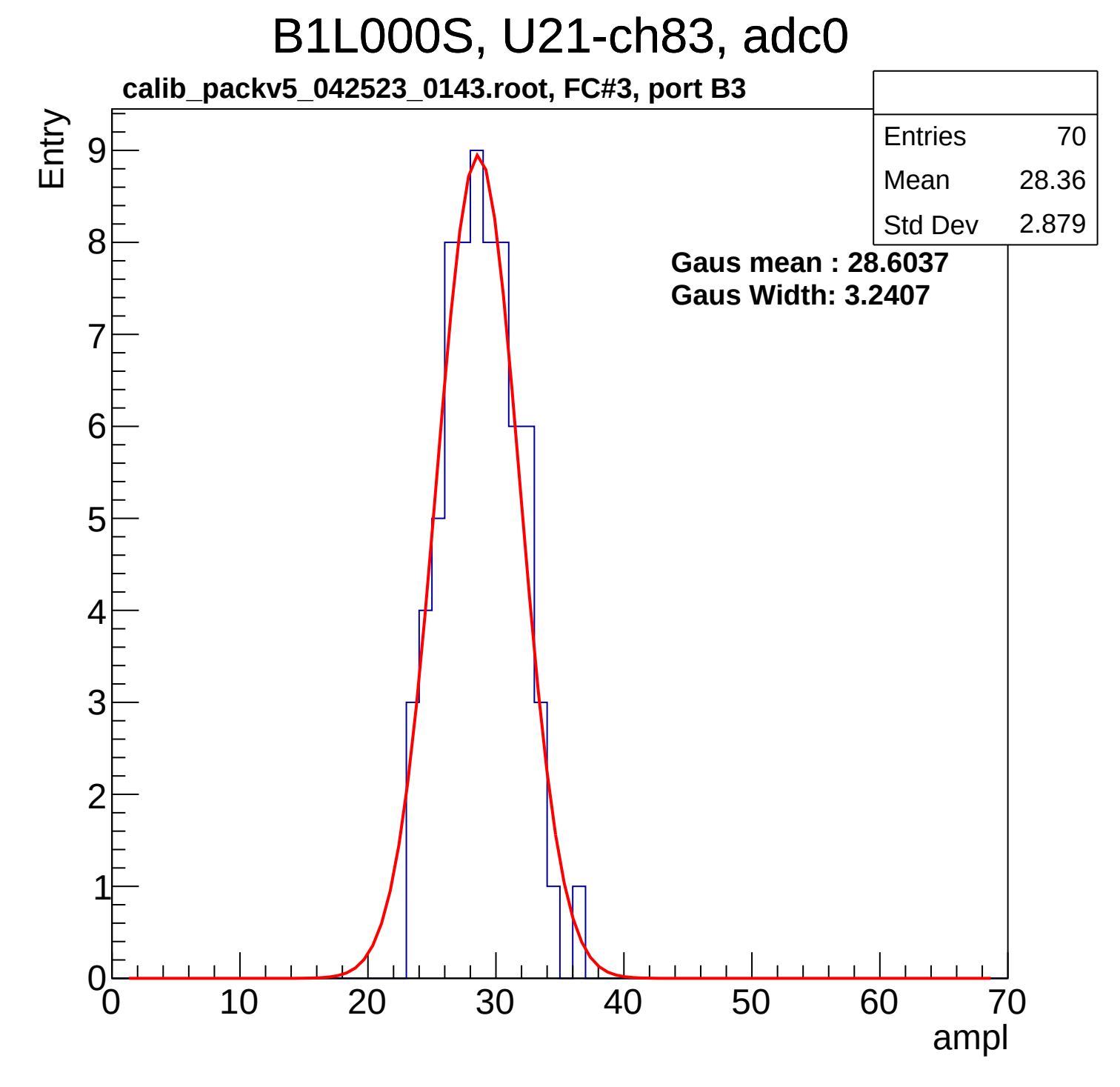

B1L000S, U21-ch82, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 47.22
Std Dev 2.535
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

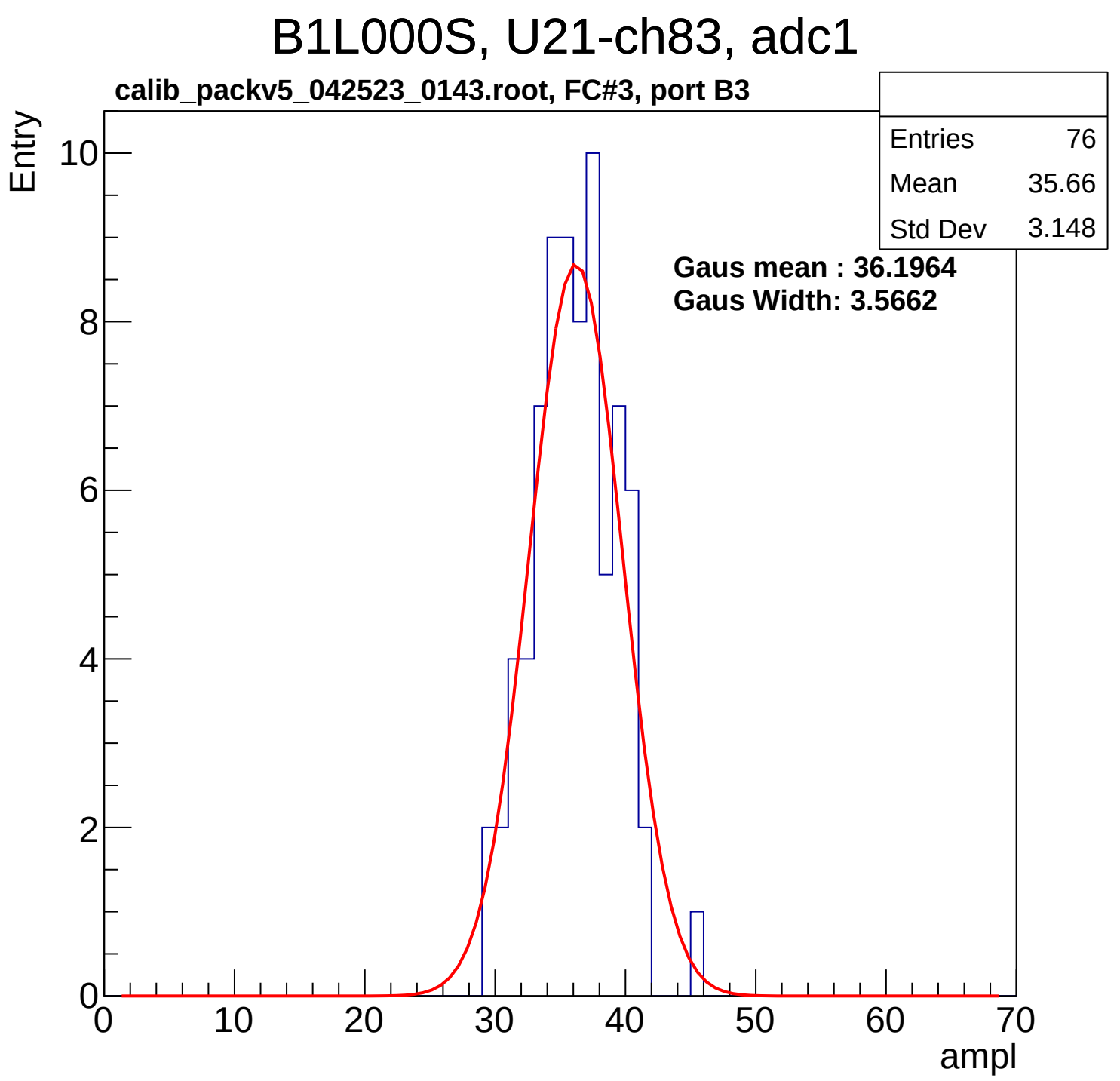

B1L000S, U21-ch82, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 86
Mean 54.27
Std Dev 3.301
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

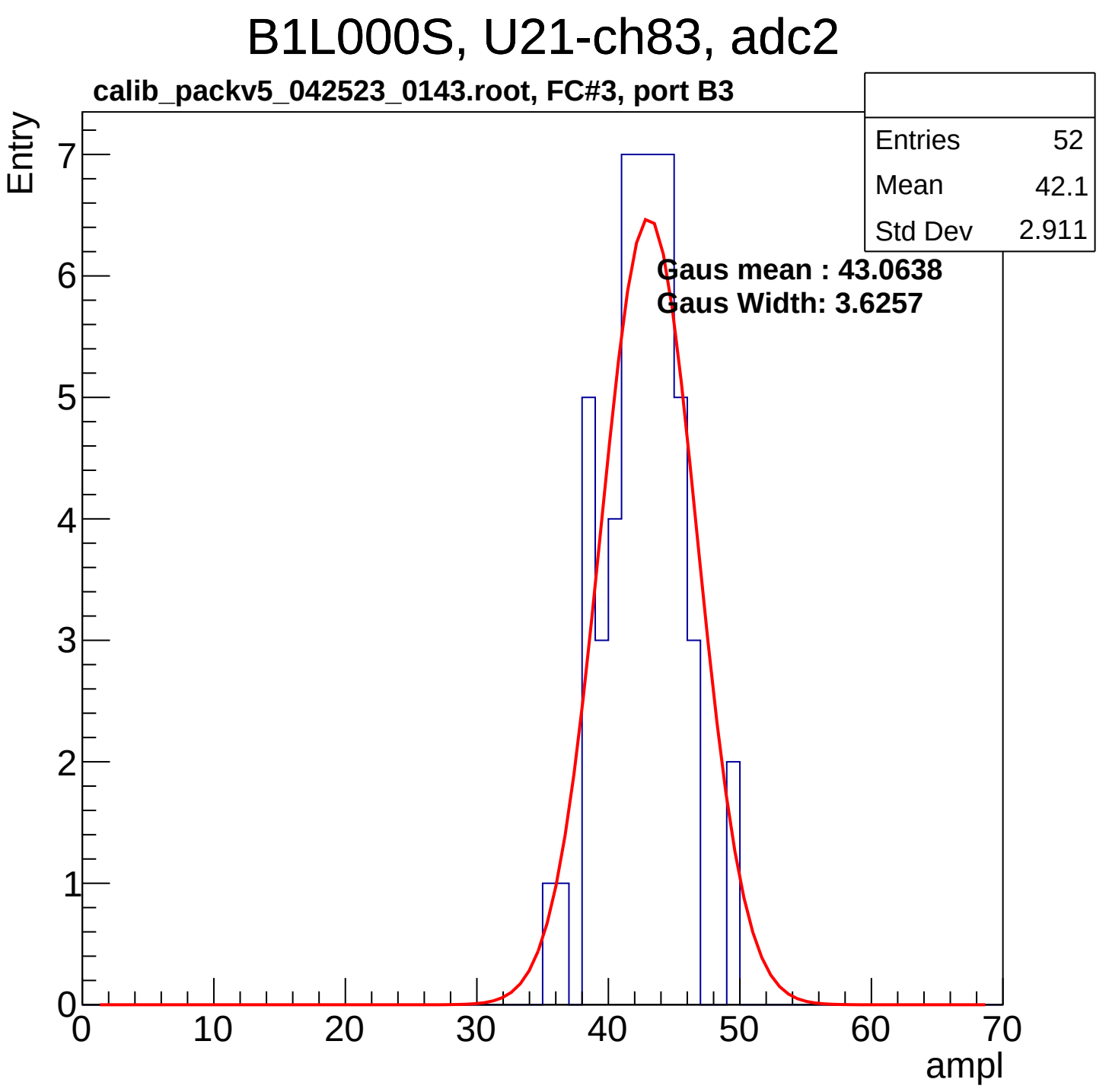

B1L000S, U21-ch82, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 58.84
Std Dev 9.254
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

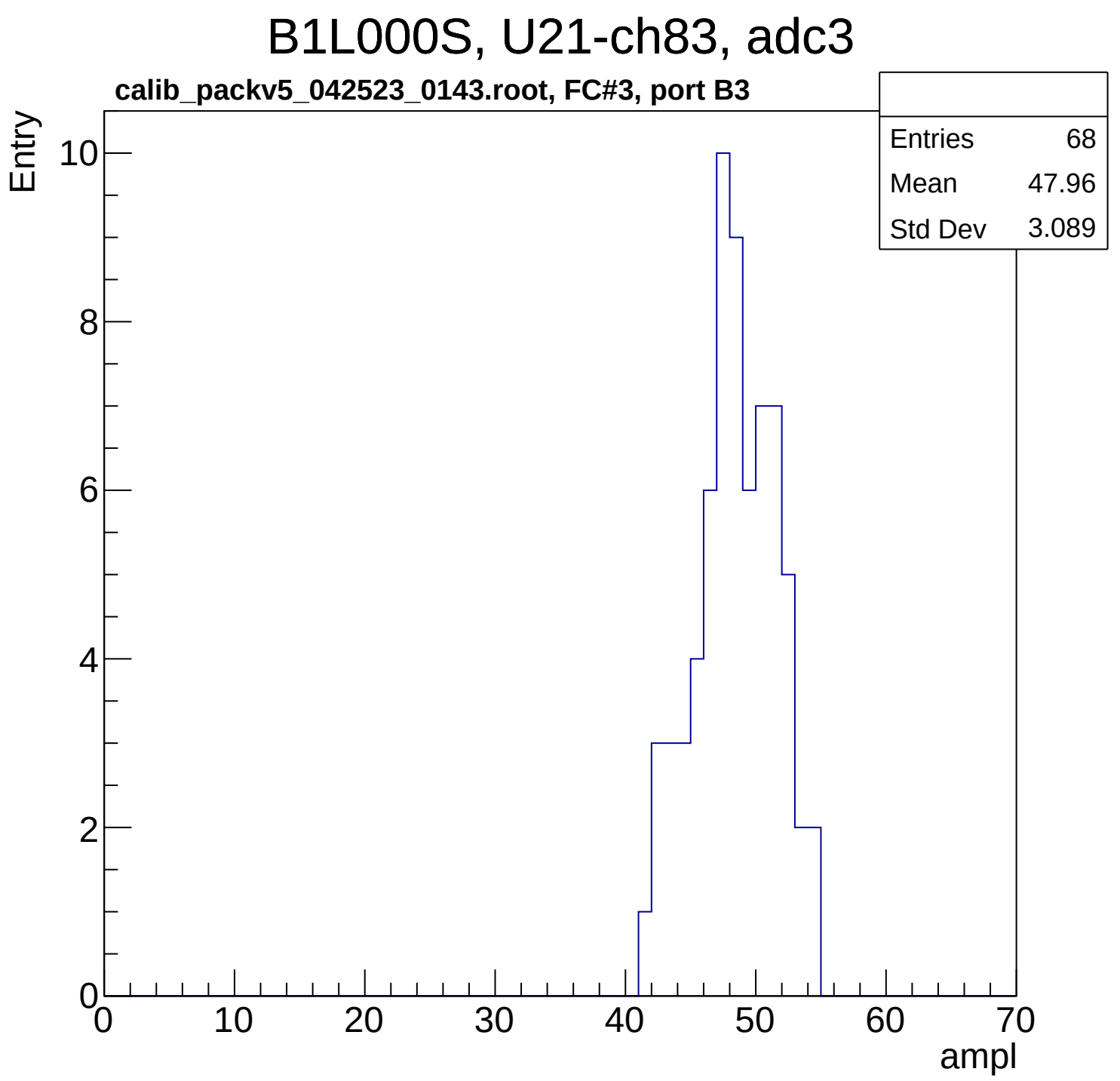

B1L000S, U21-ch82, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 61.83
Std Dev 0.6872
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

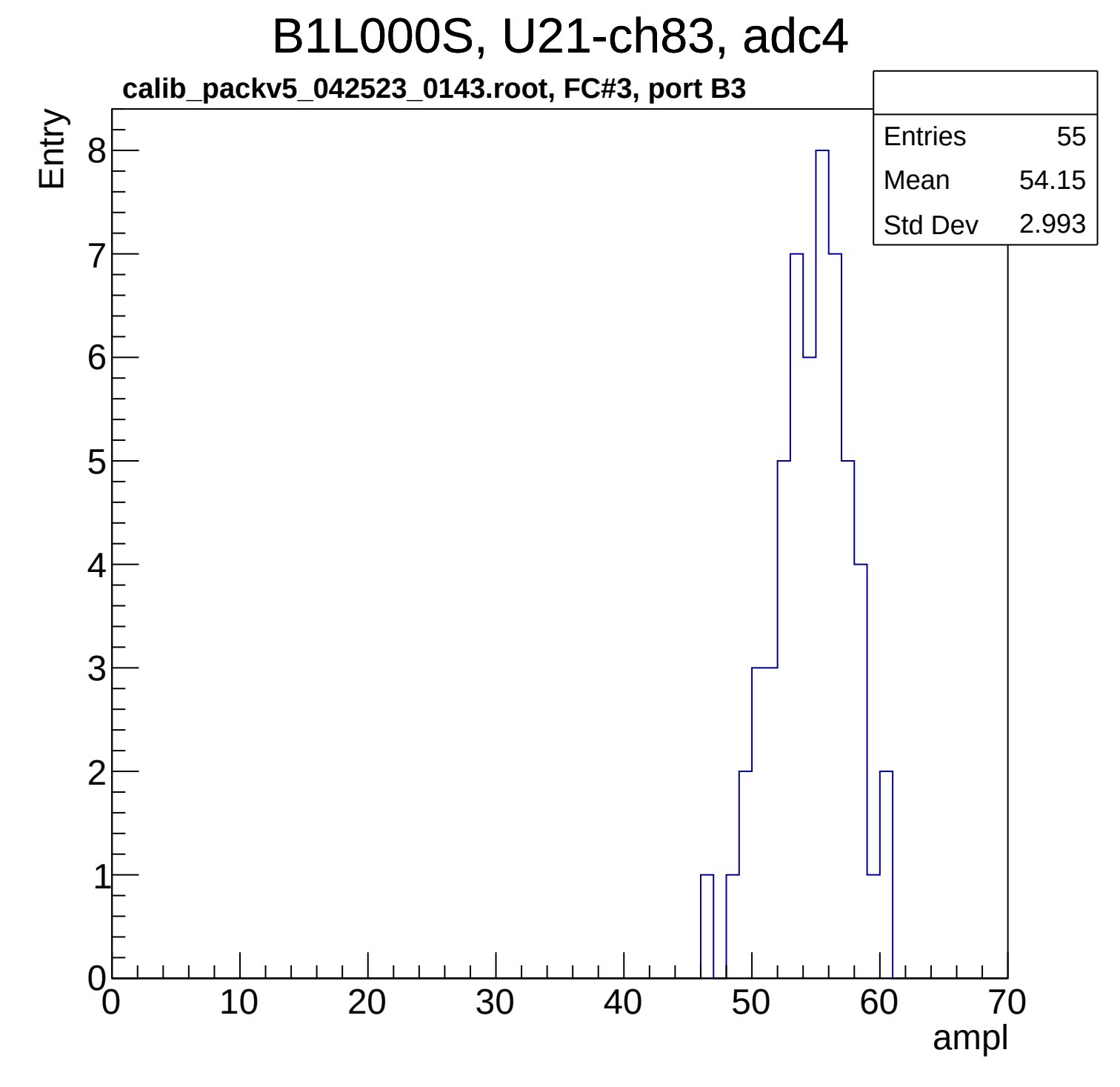

B1L000S, U21-ch82, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

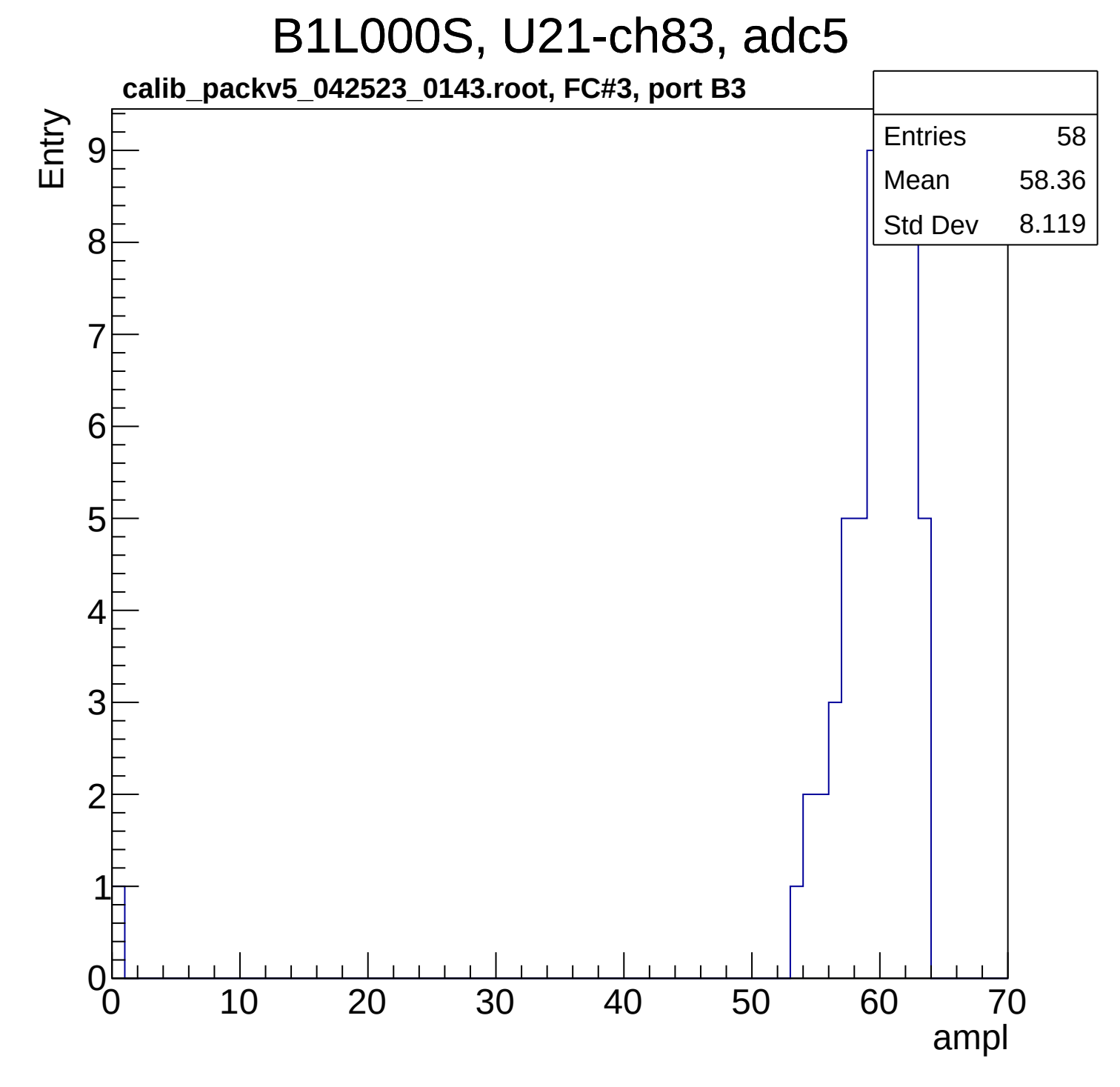

B1L000S, U21-ch83, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 28.36
Std Dev 2.879
Gaus mean : 28.6037
Gaus Width: 3.2407
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

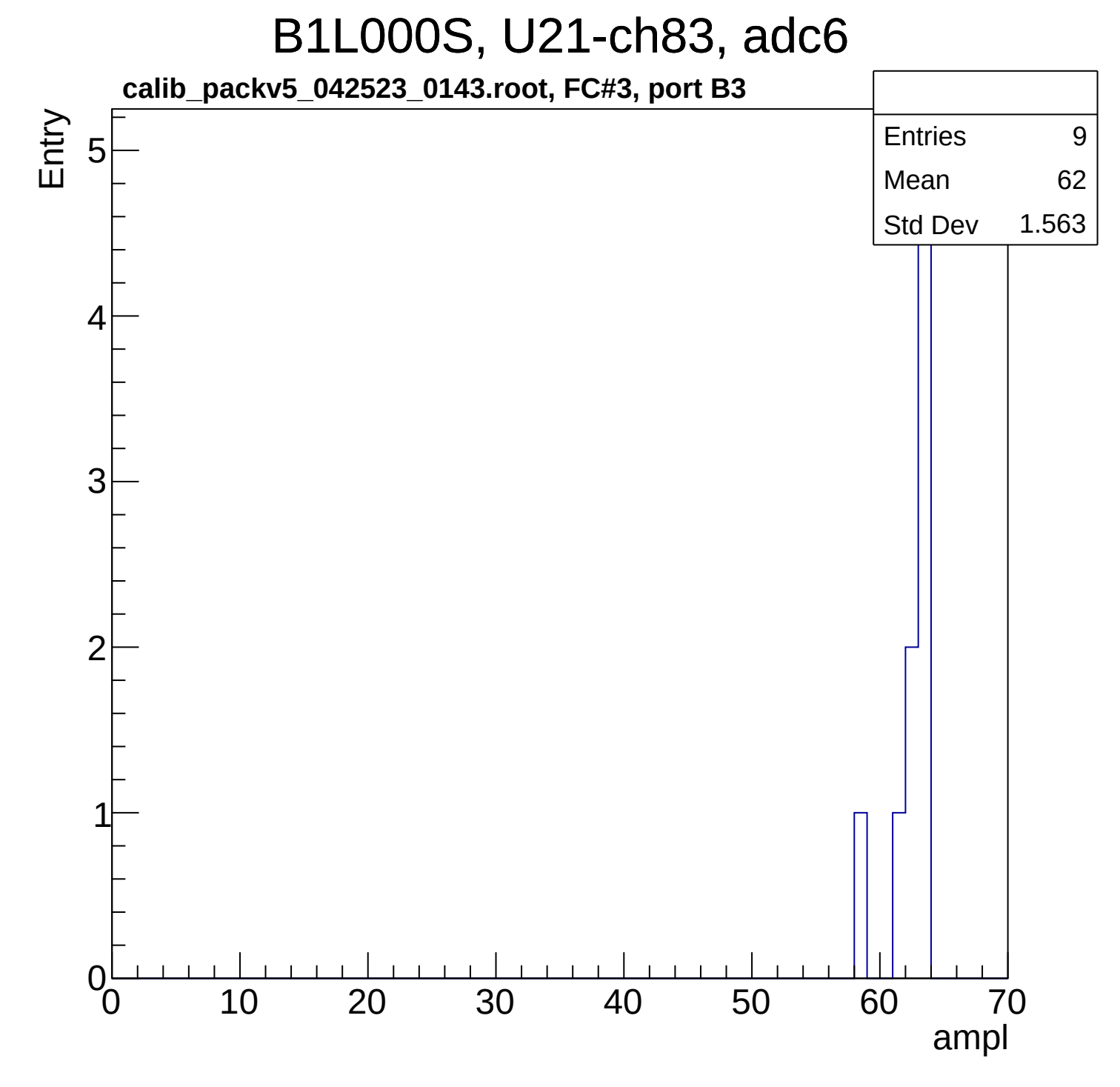

B1L000S, U21-ch83, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 35.66
Std Dev 3.148
Gaus mean : 36.1964
Gaus Width: 3.5662
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

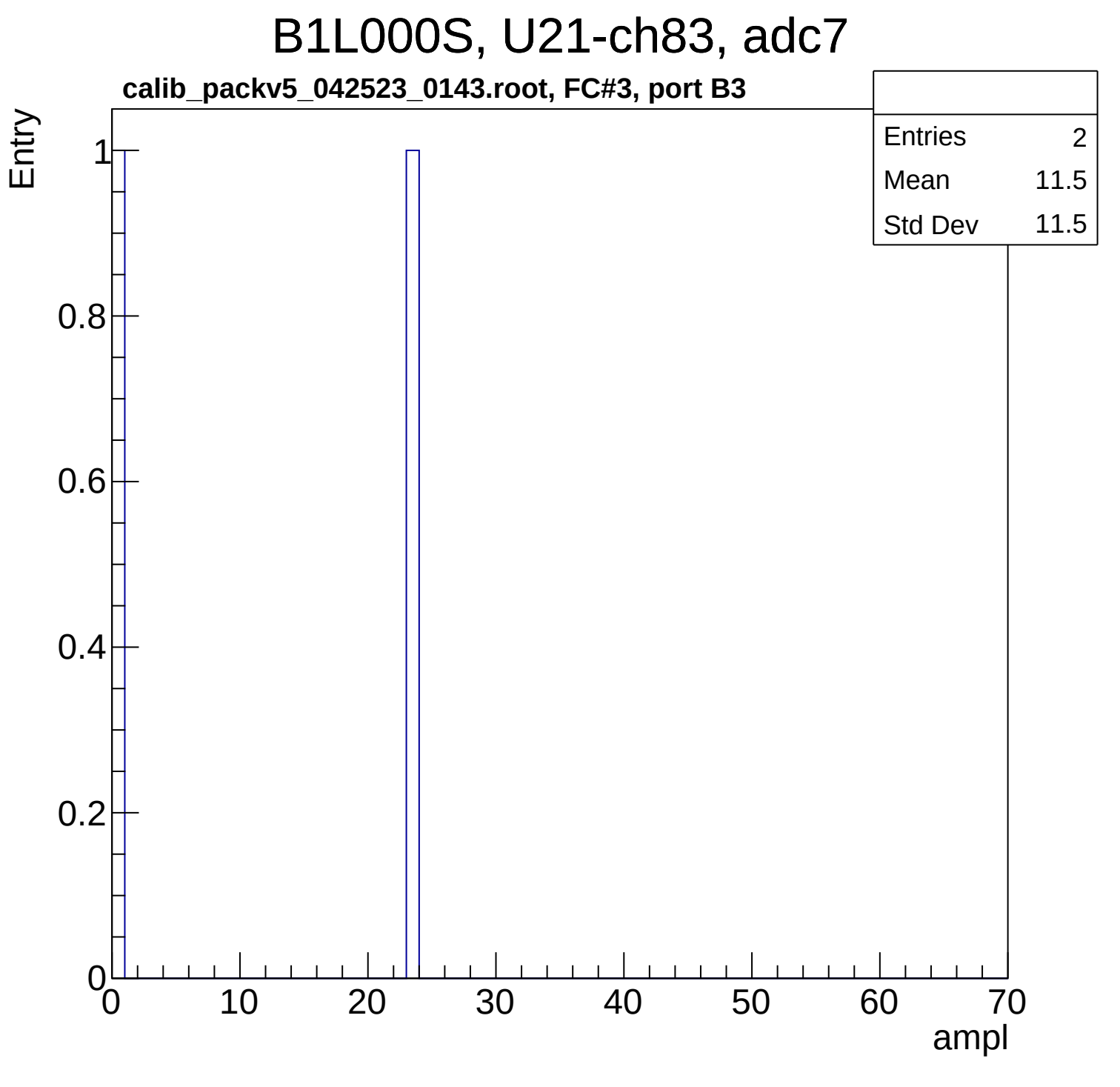

B1L000S, U21-ch83, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 42.1
Std Dev 2.911
Gaus mean : 43.0638
Gaus Width: 3.6257
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

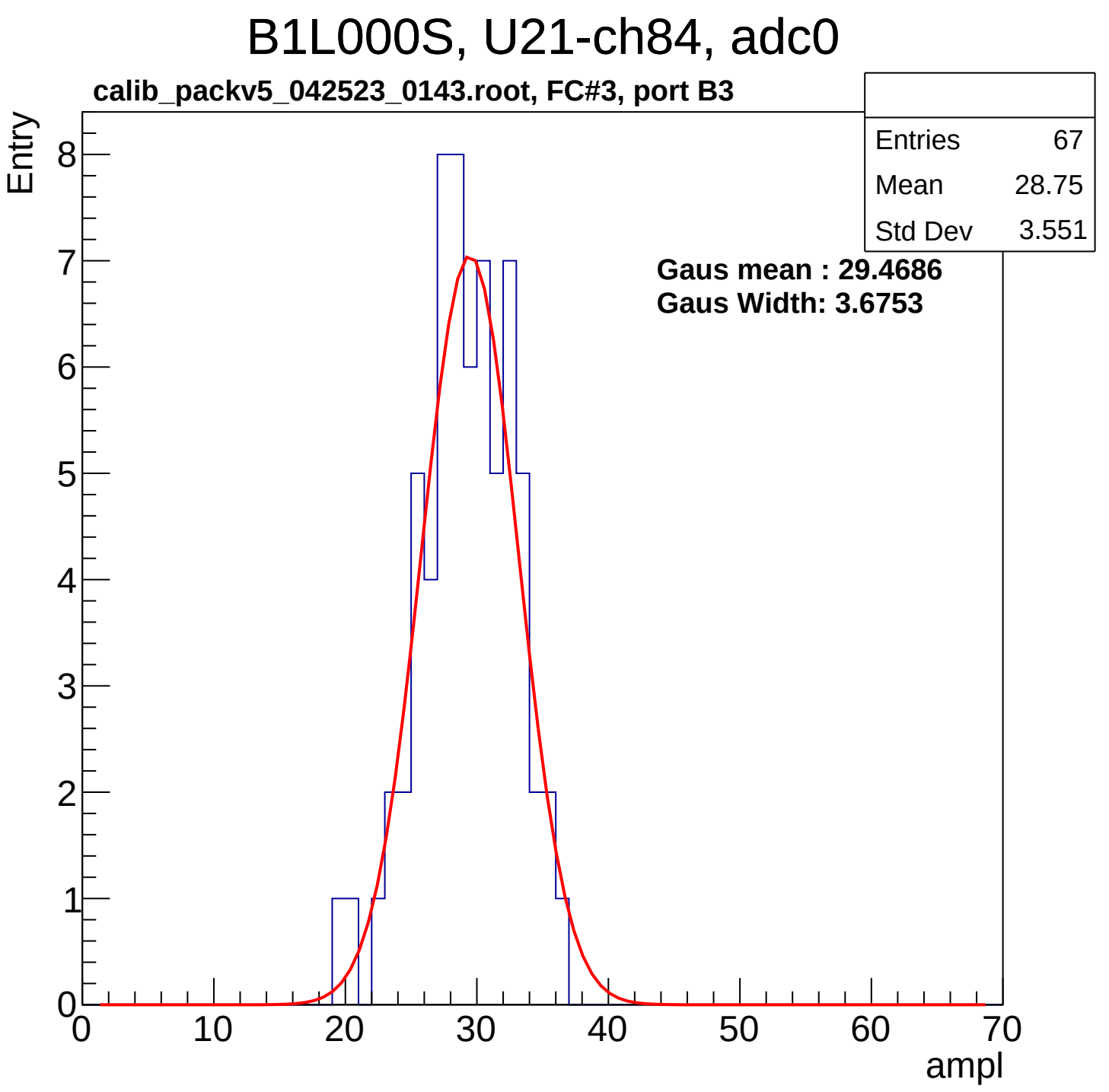

B1L000S, U21-ch83, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 47.96
Std Dev 3.089
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

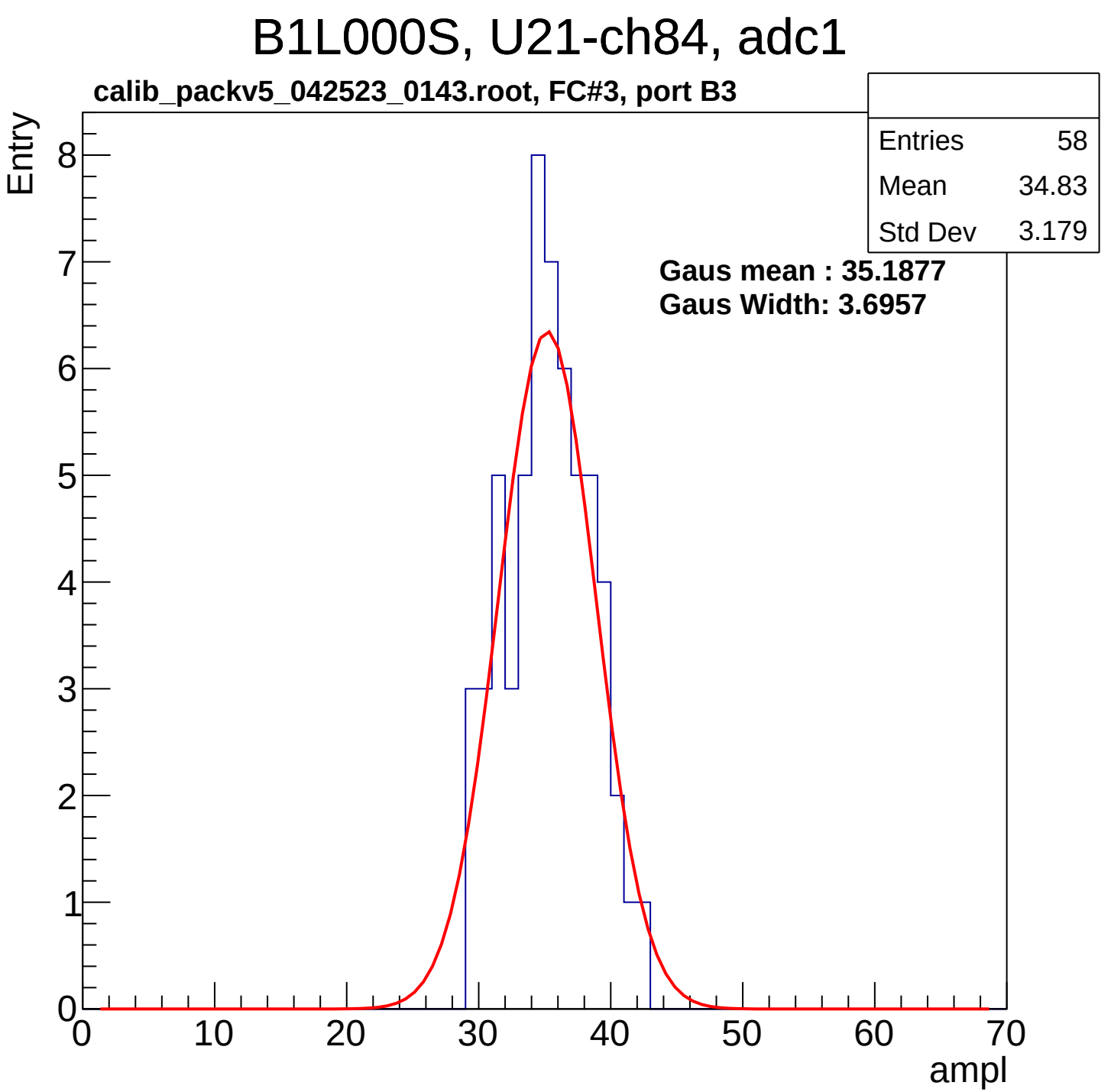

B1L000S, U21-ch83, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 54.15
Std Dev 2.993
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

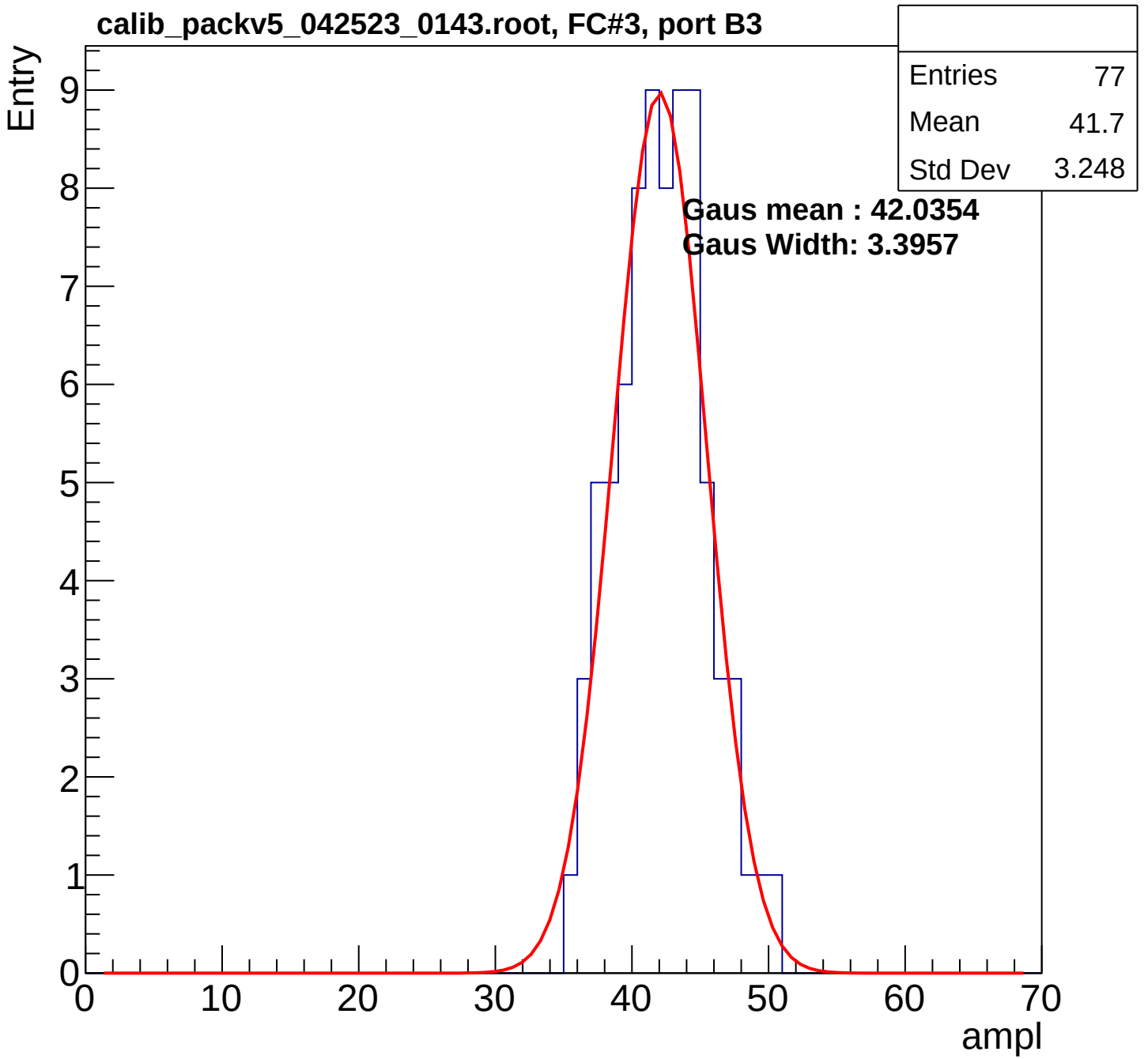

B1L000S, U21-ch83, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 58.36
Std Dev 8.119
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

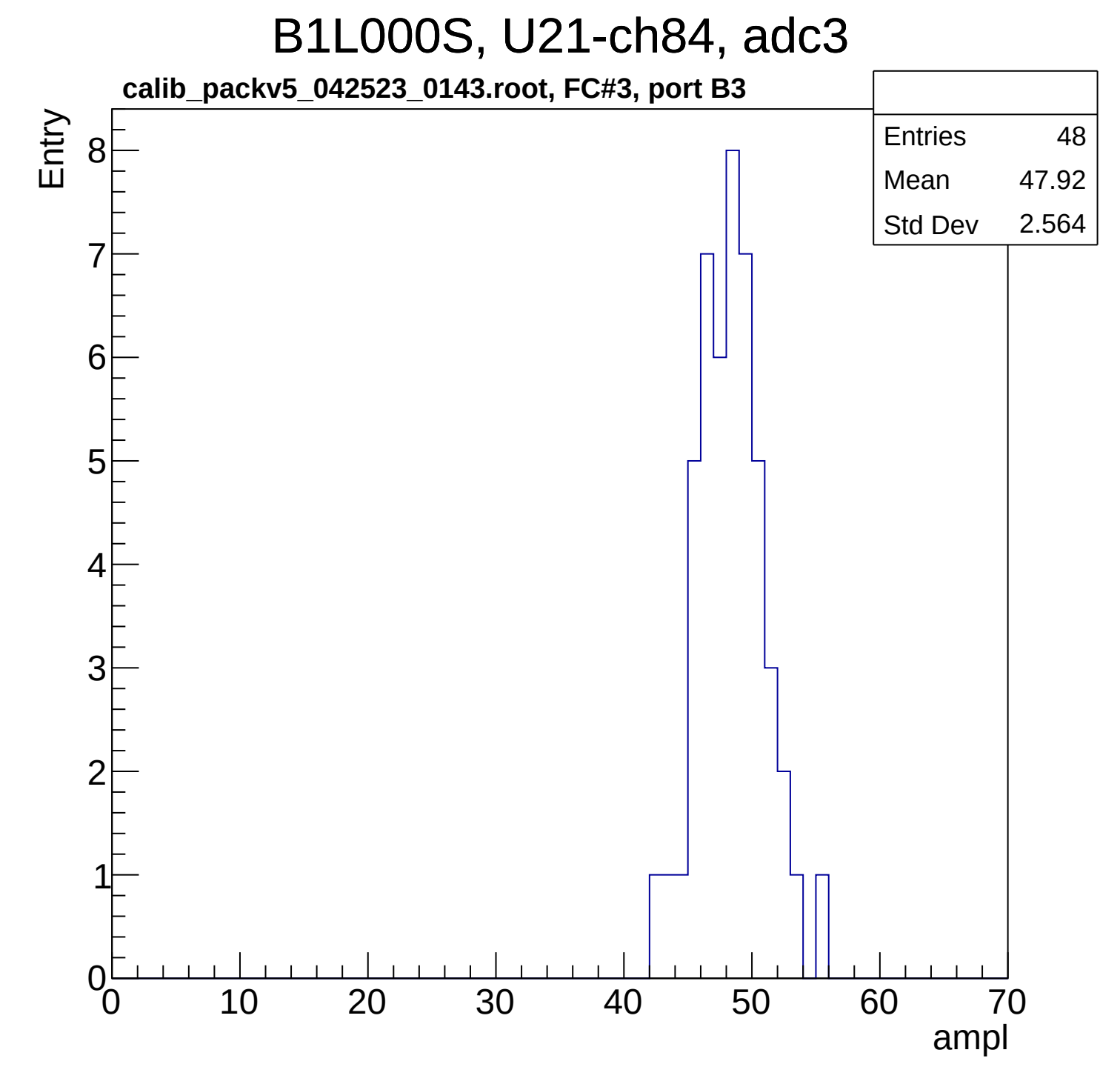

B1L000S, U21-ch83, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 62
Std Dev 1.563
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70

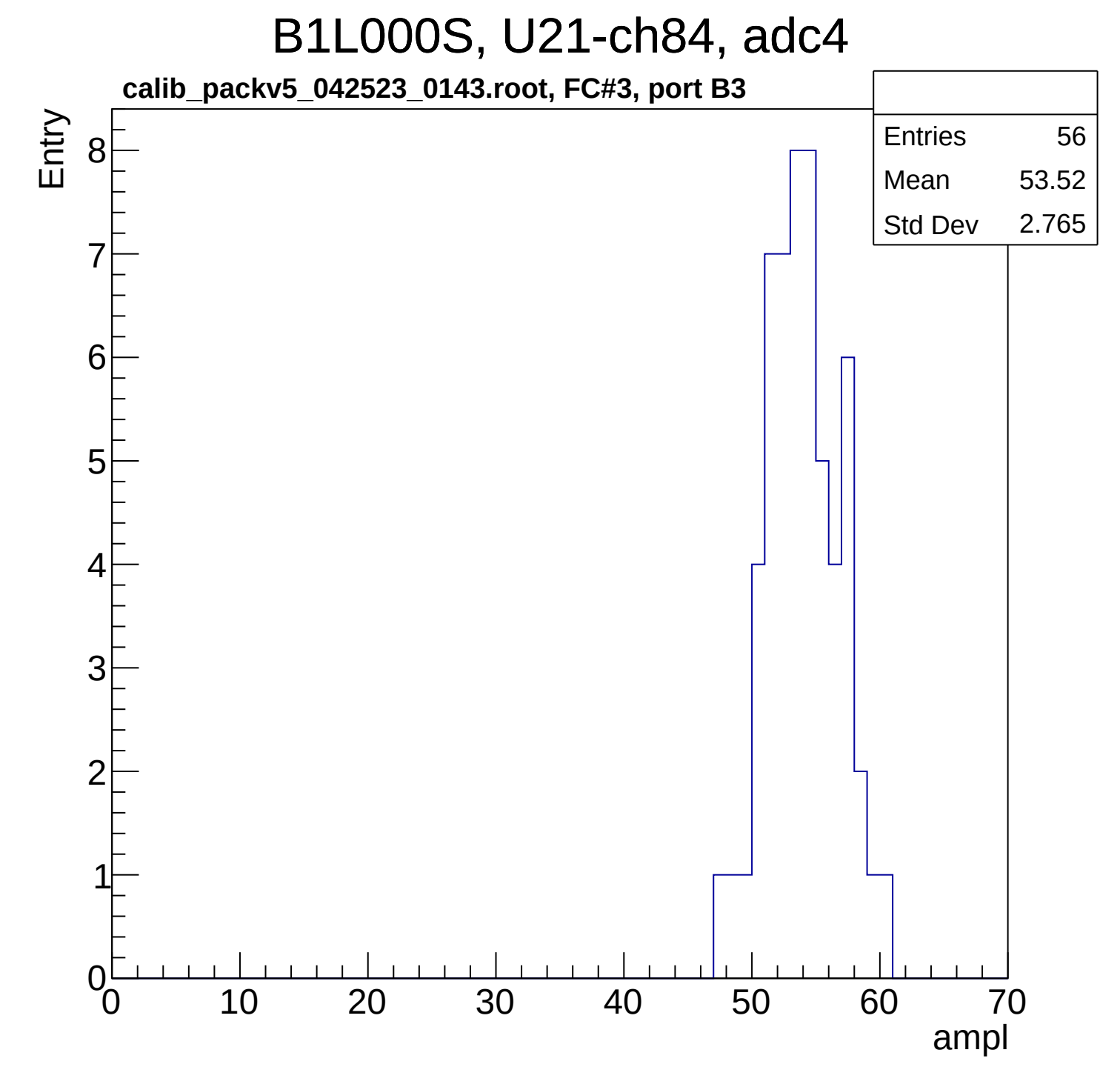

B1L000S, U21-ch83, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 11.5
Std Dev 11.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

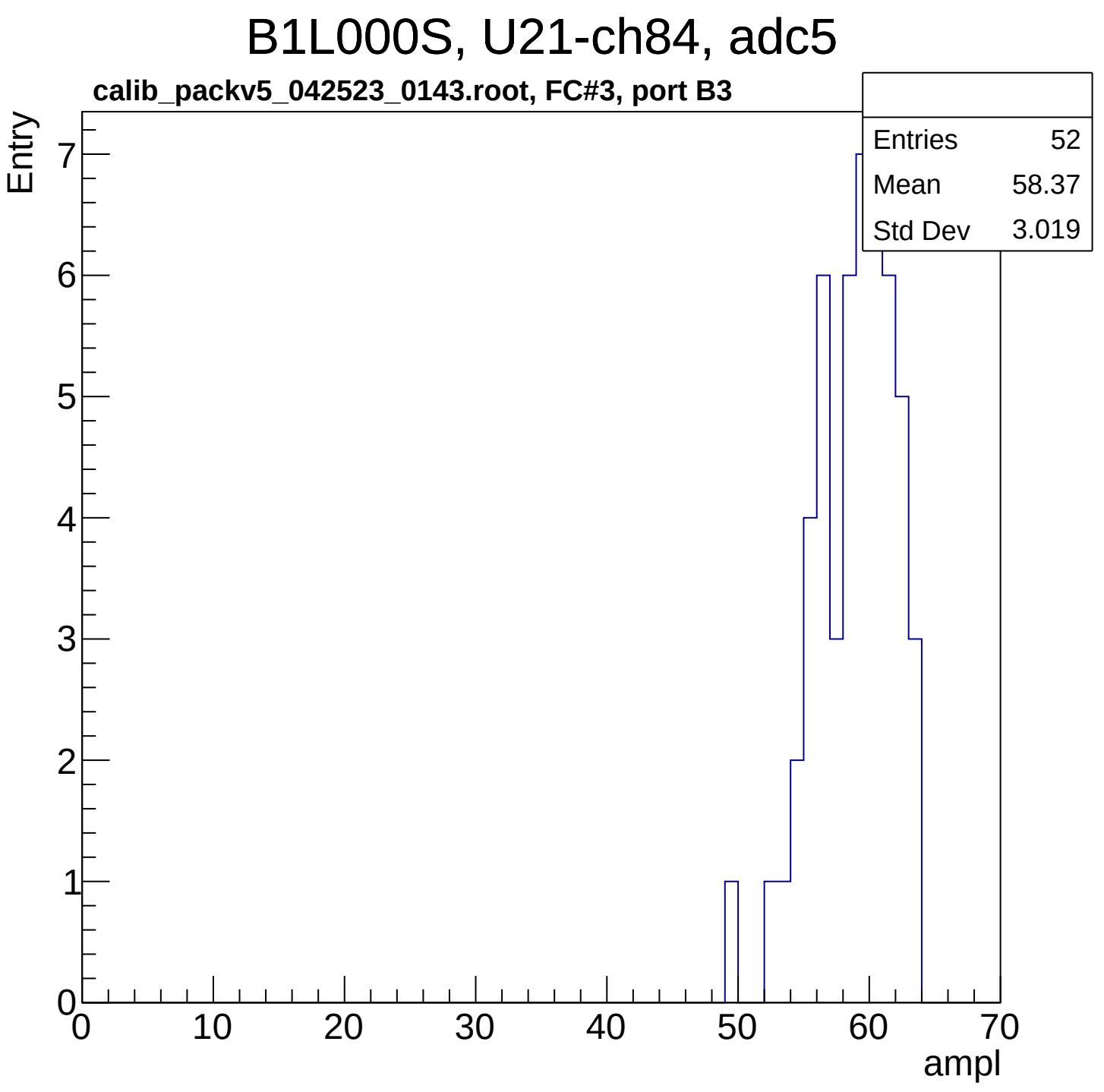

B1L000S, U21-ch84, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 28.75
Std Dev 3.551
Gaus mean : 29.4686
Gaus Width: 3.6753
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

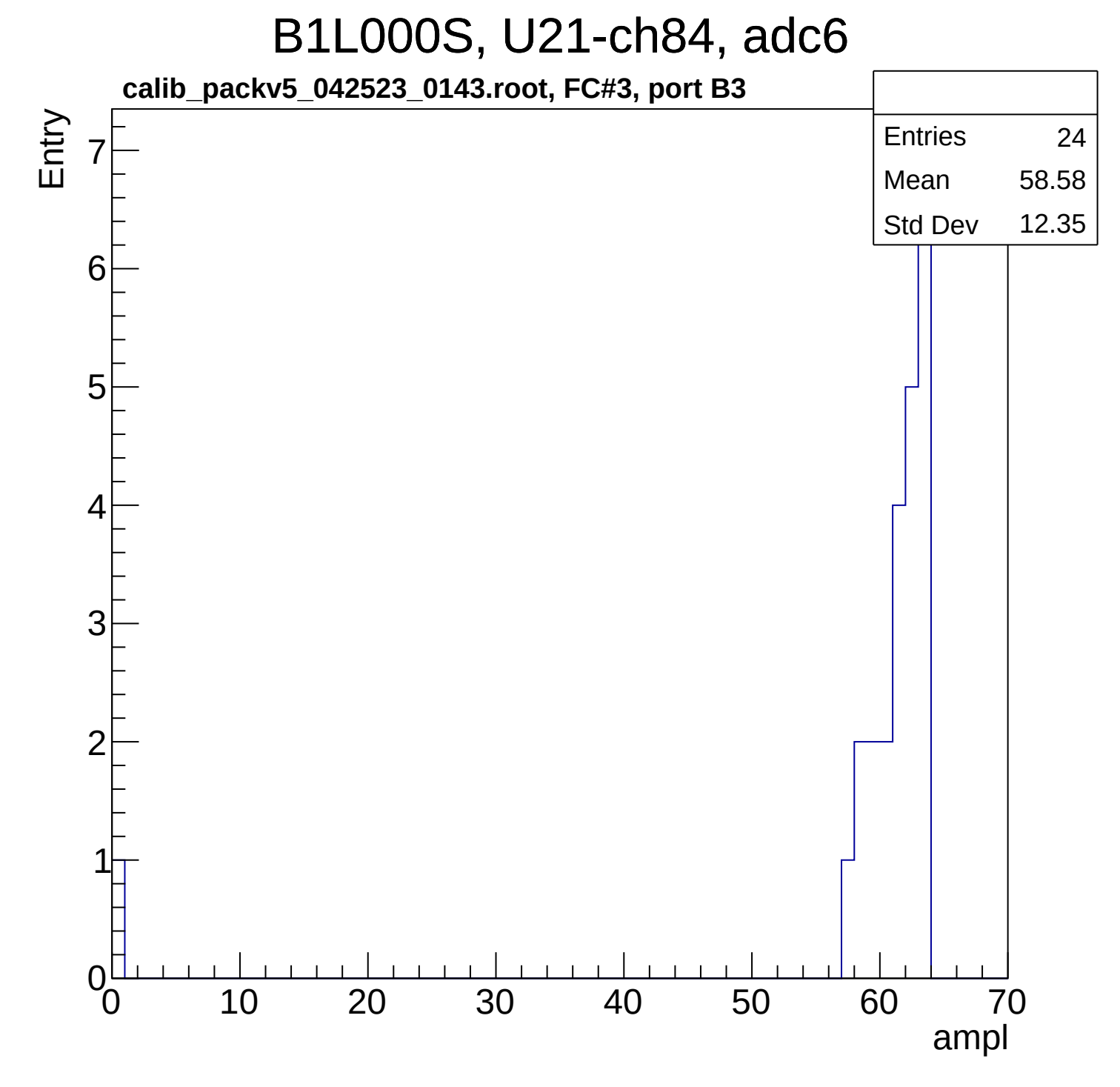

B1L000S, U21-ch84, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 34.83
Std Dev 3.179
Gaus mean : 35.1877
Gaus Width: 3.6957
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

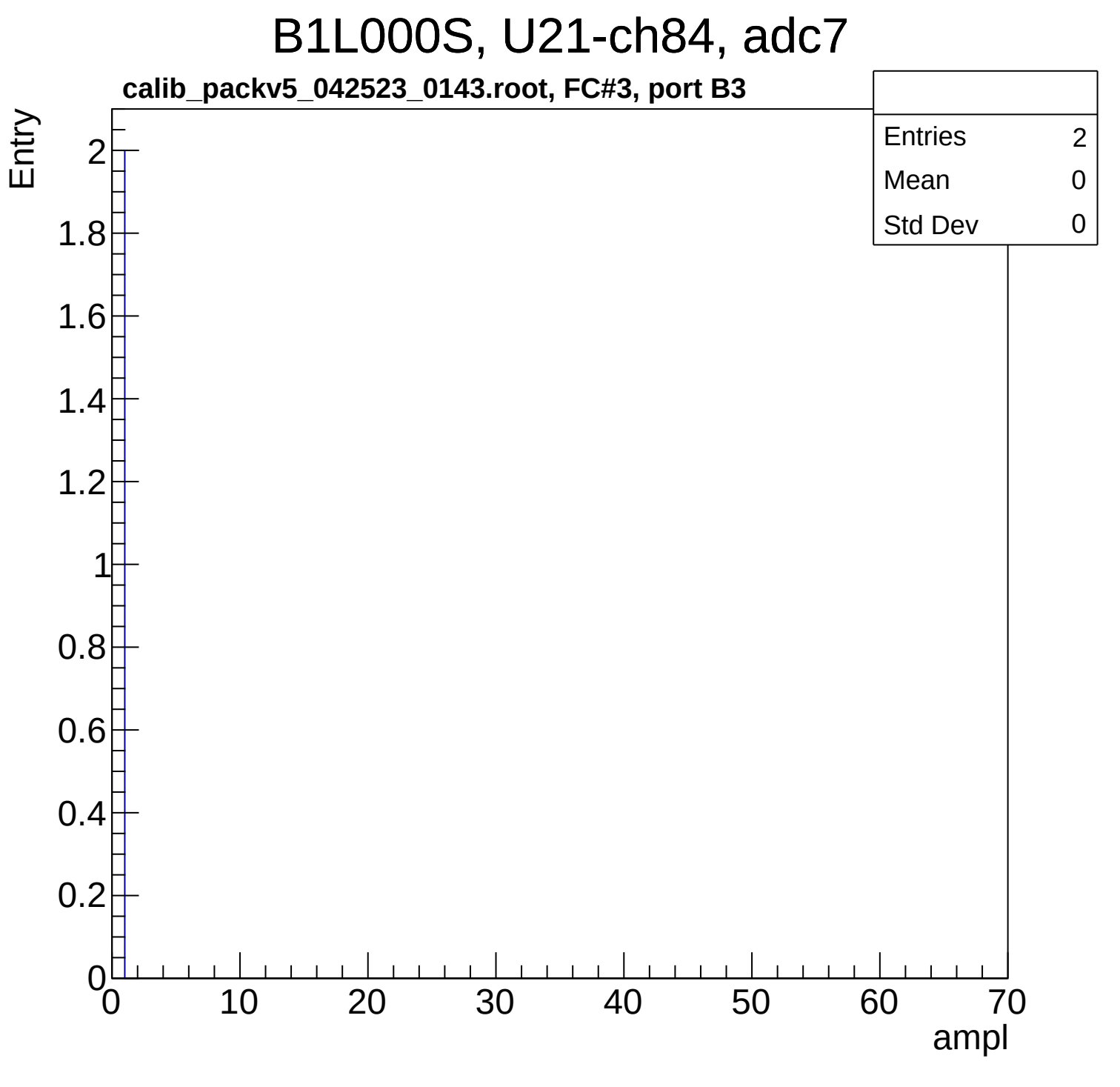

B1L000S, U21-ch84, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 41.7
Std Dev 3.248
Gaus mean : 42.0354
Gaus Width: 3.3957
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

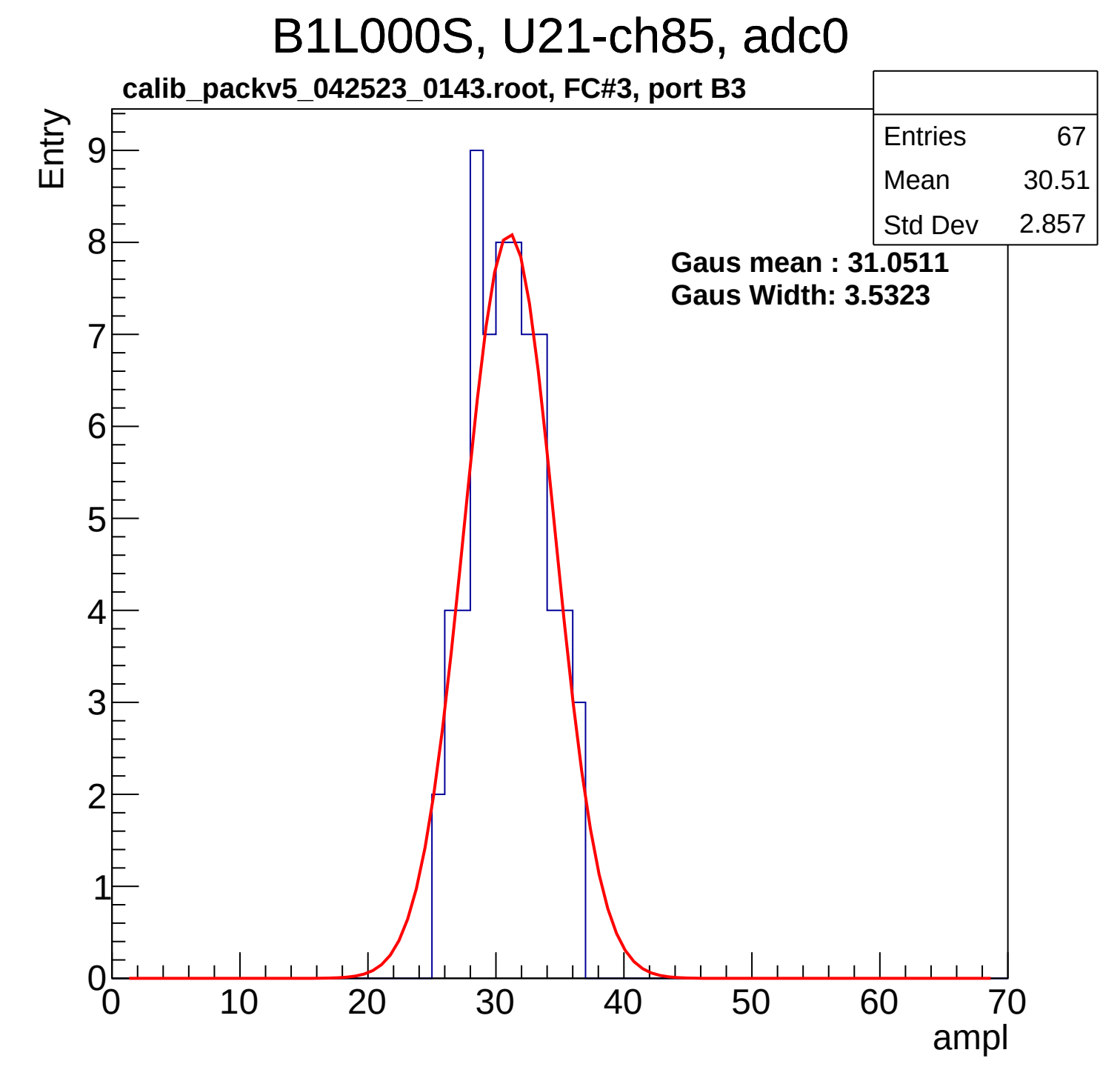

B1L000S, U21-ch84, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 47.92
Std Dev 2.564
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

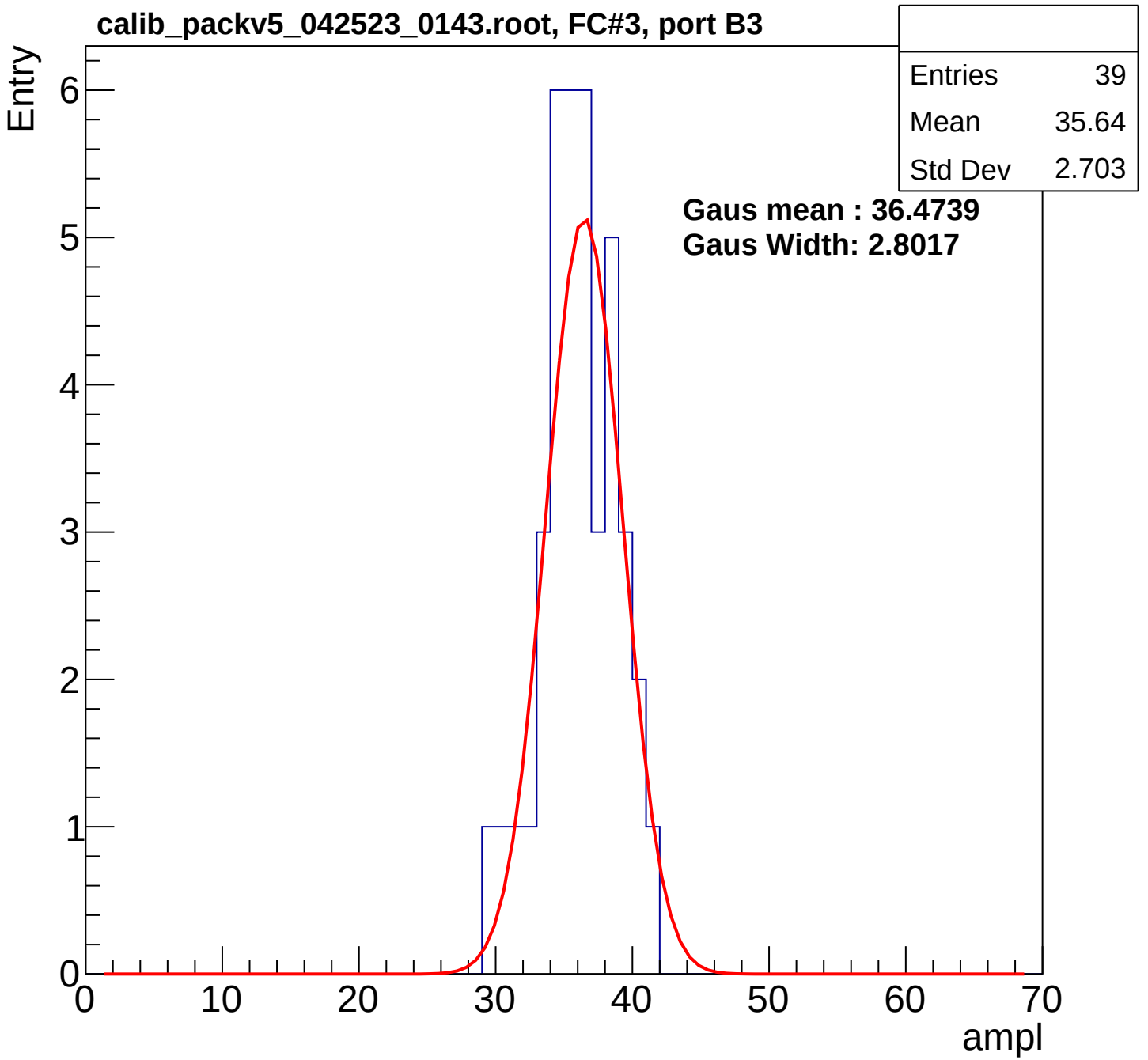

B1L000S, U21-ch84, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 53.52
Std Dev 2.765
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

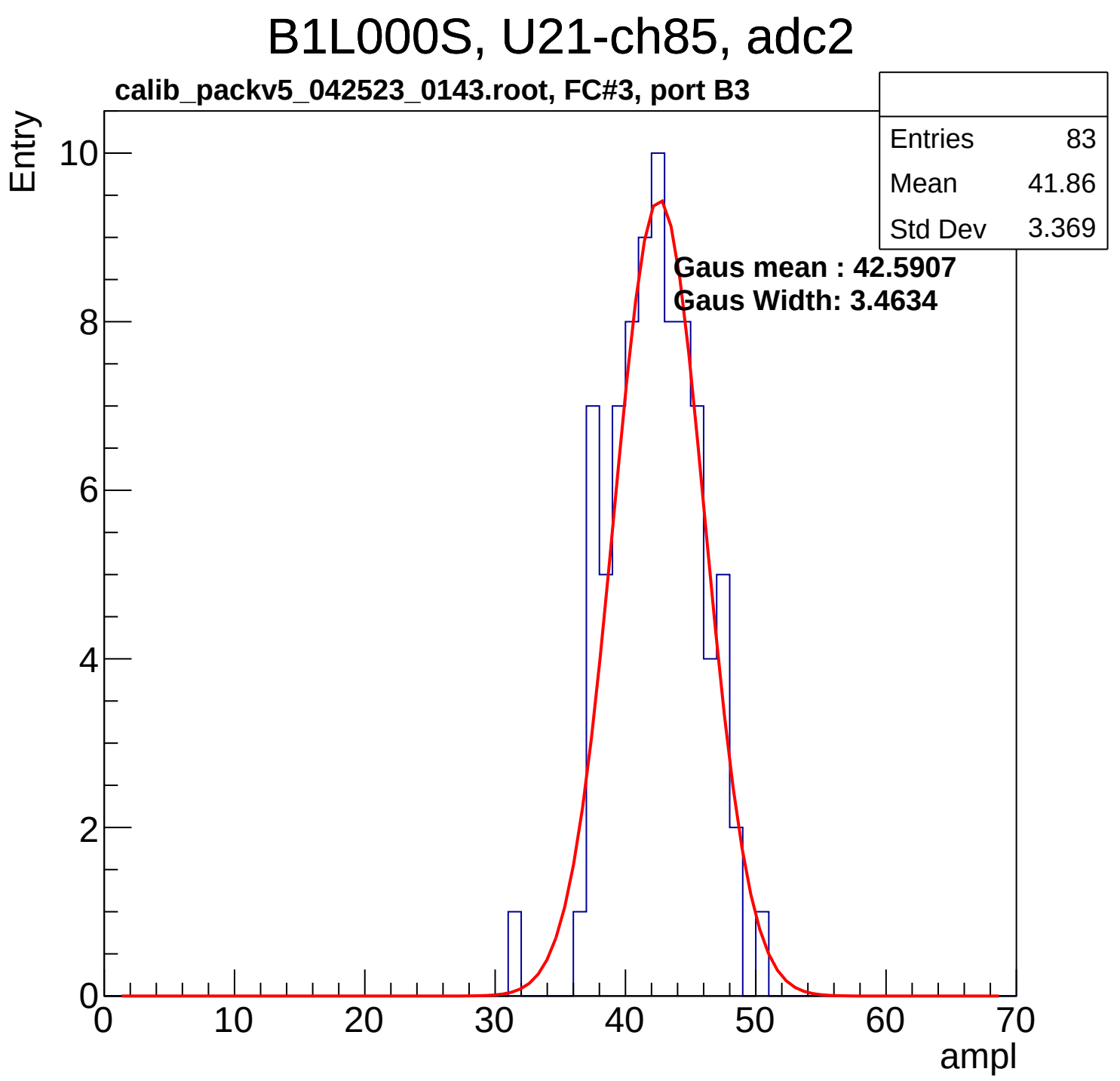

B1L000S, U21-ch84, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 58.37
Std Dev 3.019
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

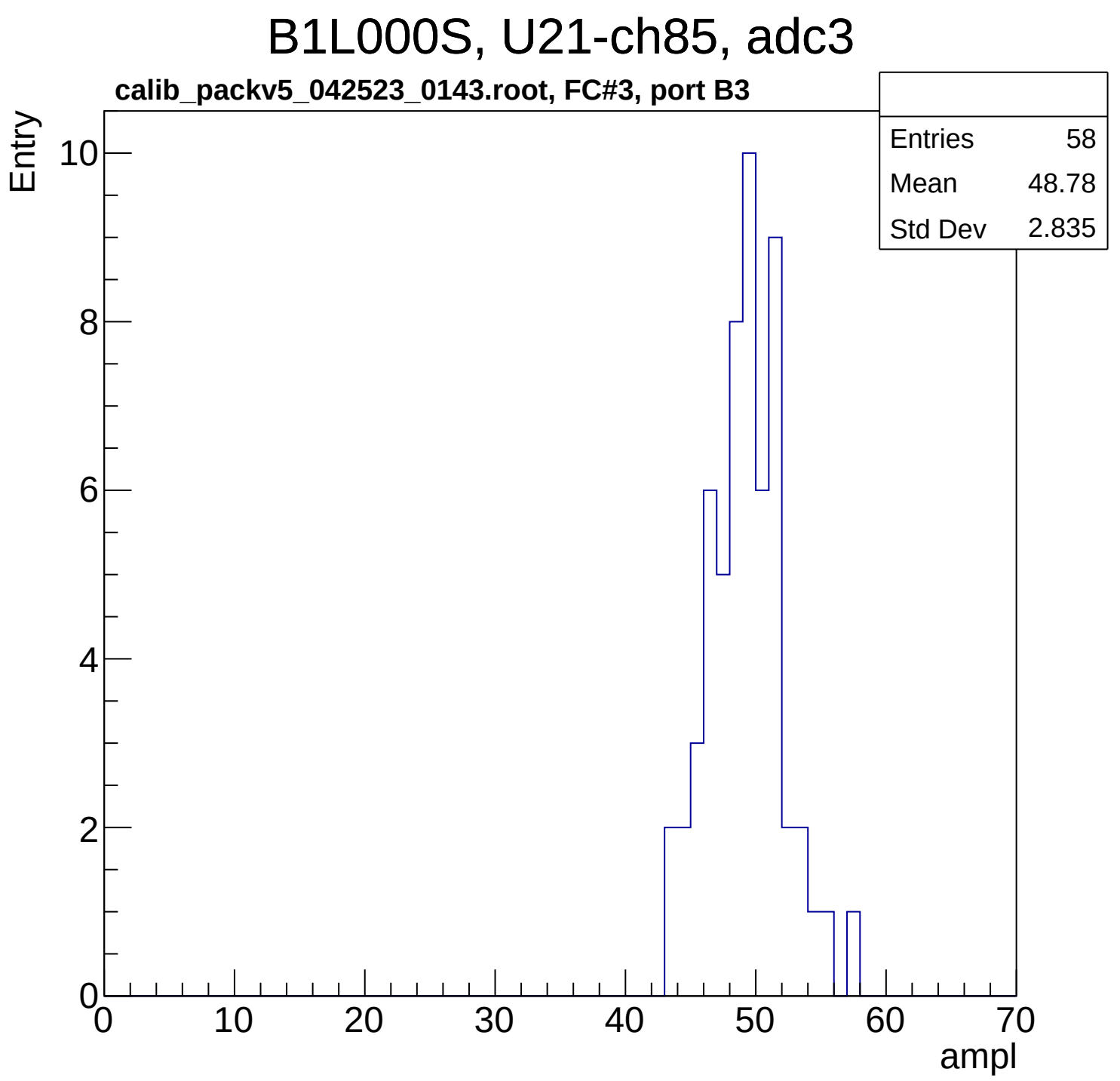

B1L000S, U21-ch84, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 24
Mean 58.58
Std Dev 12.35
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

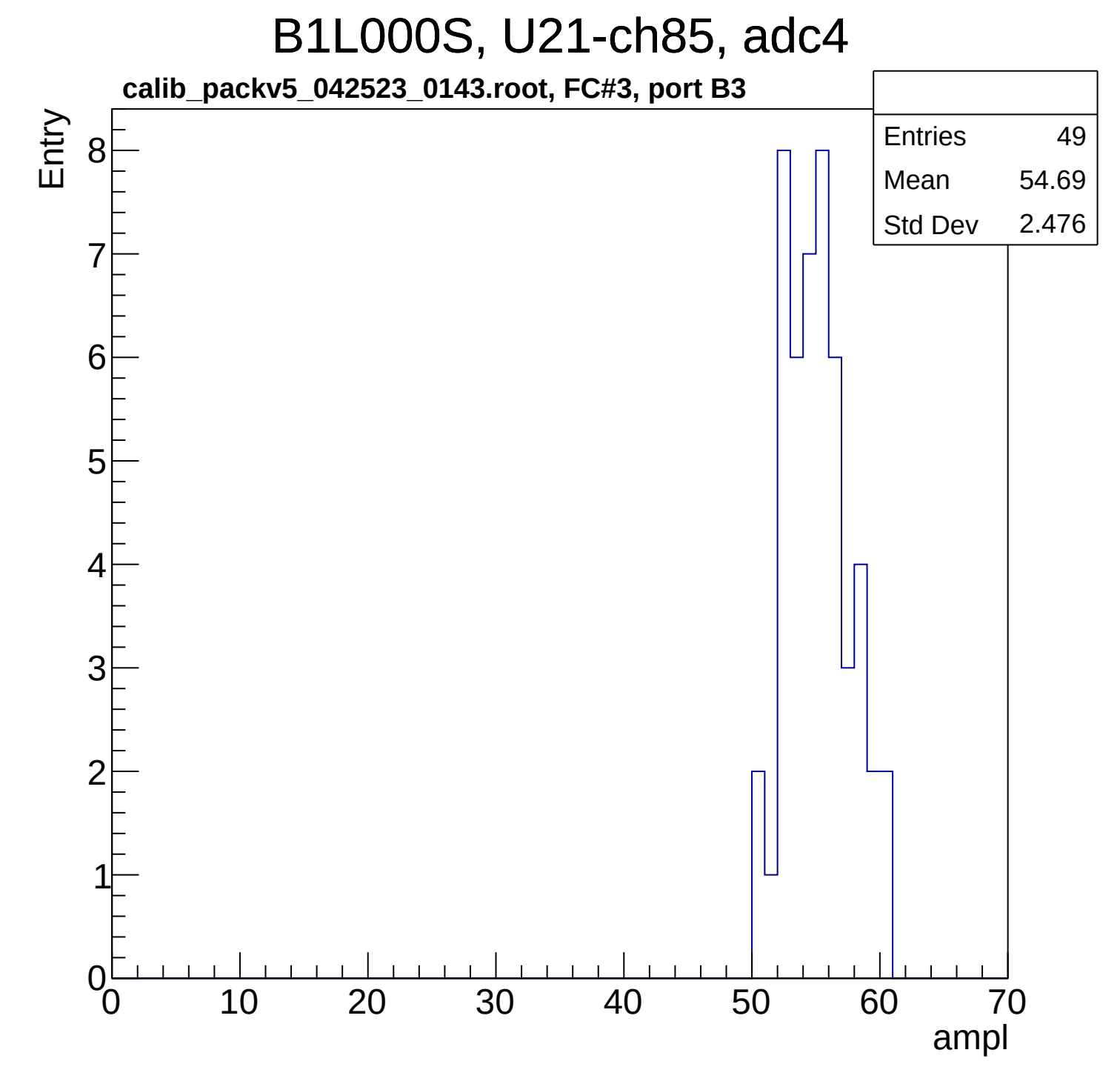

B1L000S, U21-ch84, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

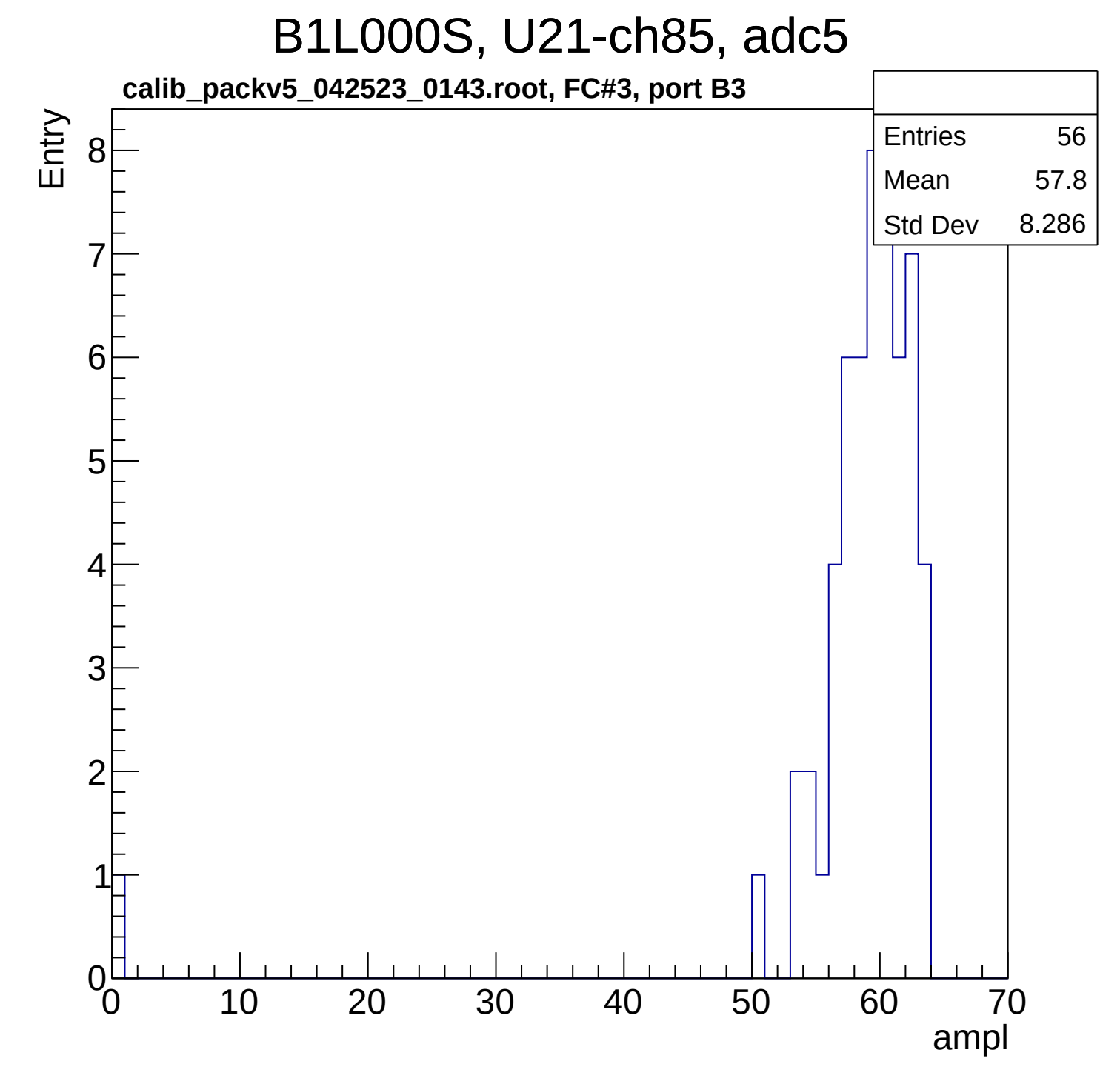

B1L000S, U21-ch85, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 30.51
Std Dev 2.857
Gaus mean : 31.0511
Gaus Width: 3.5323
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

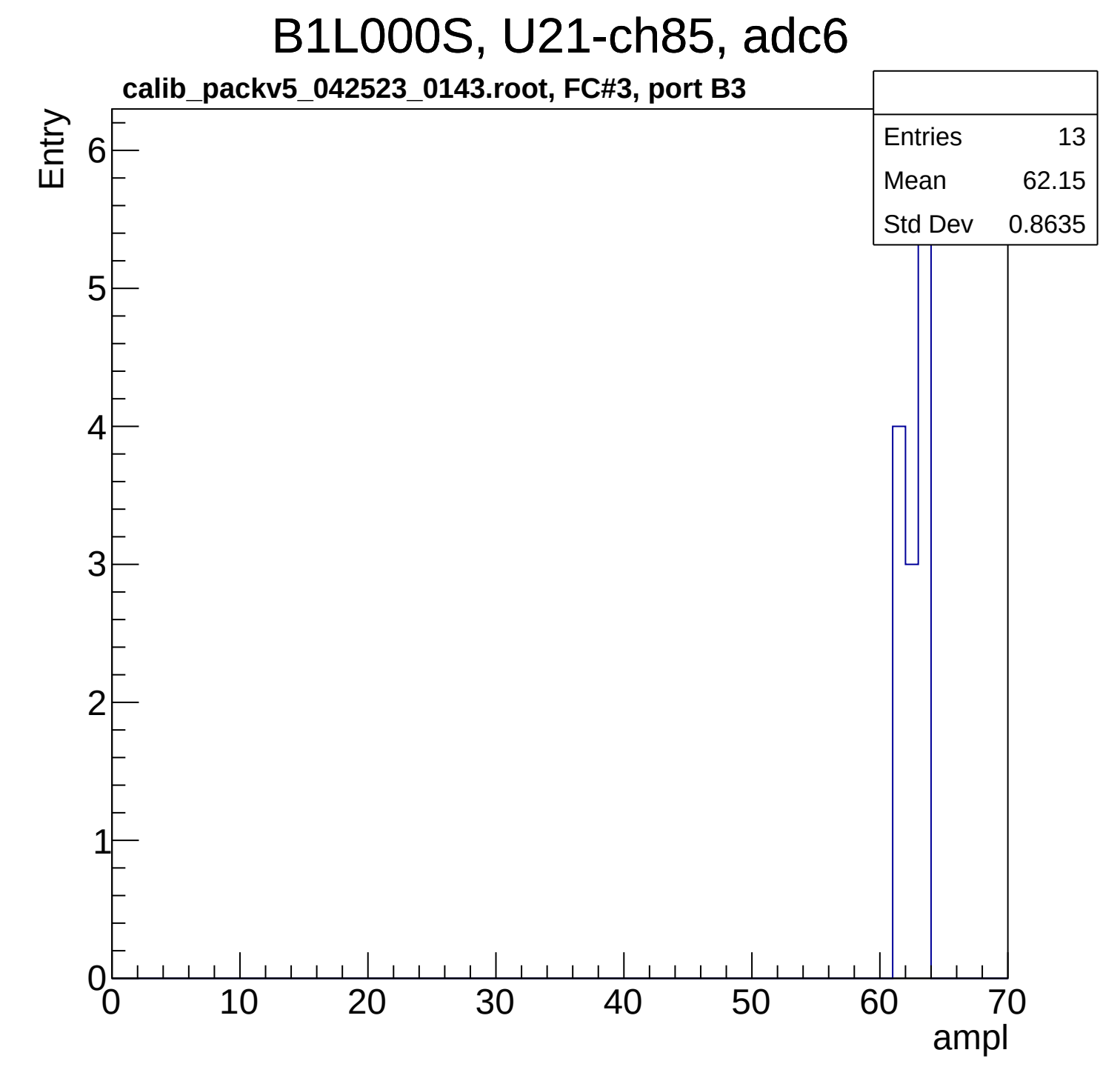

B1L000S, U21-ch85, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 39
Mean 35.64
Std Dev 2.703
Gaus mean : 36.4739
Gaus Width: 2.8017
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

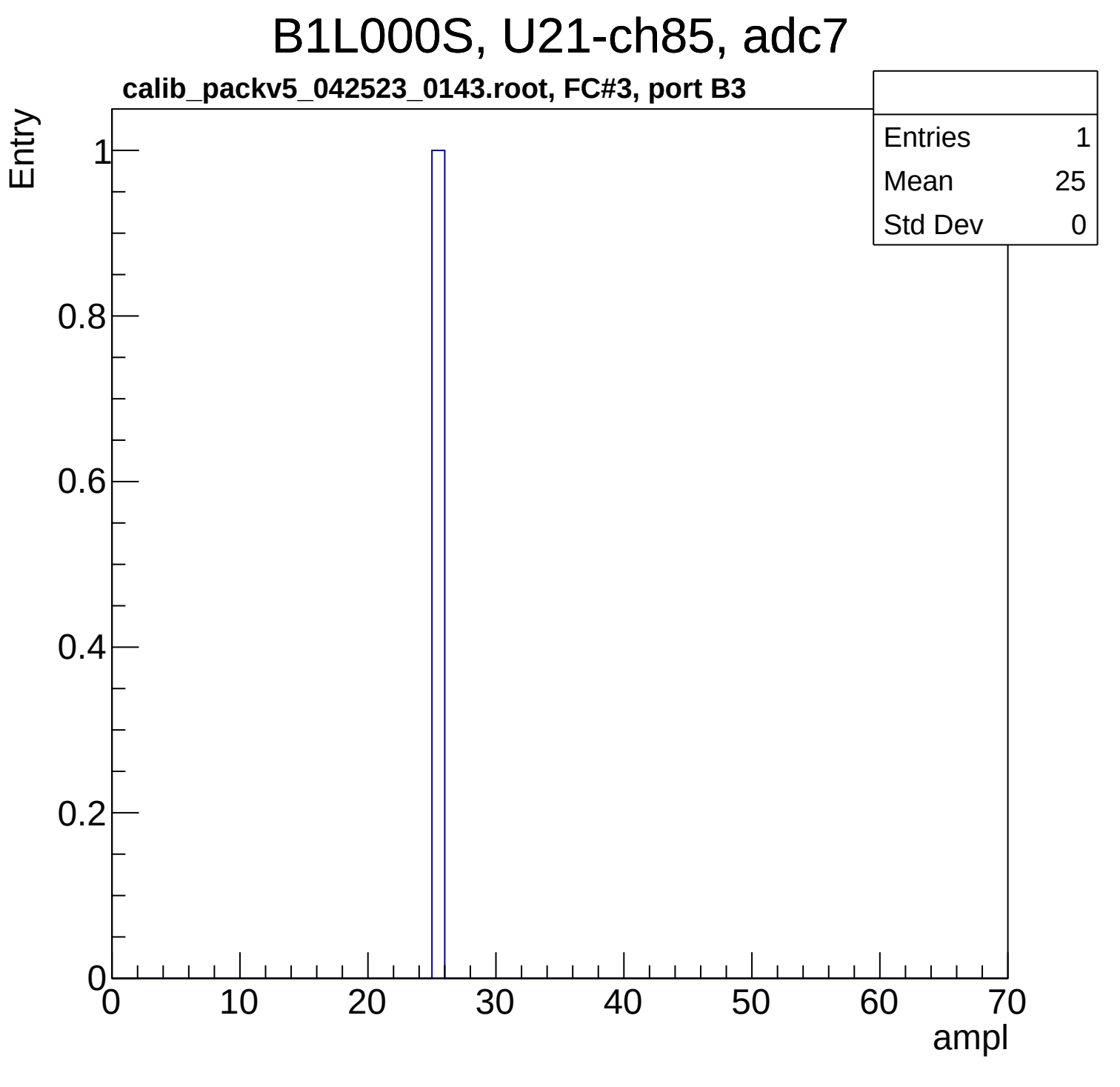

B1L000S, U21-ch85, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 83
Mean 41.86
Std Dev 3.369
Gaus mean : 42.5907
Gaus Width: 3.4634
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

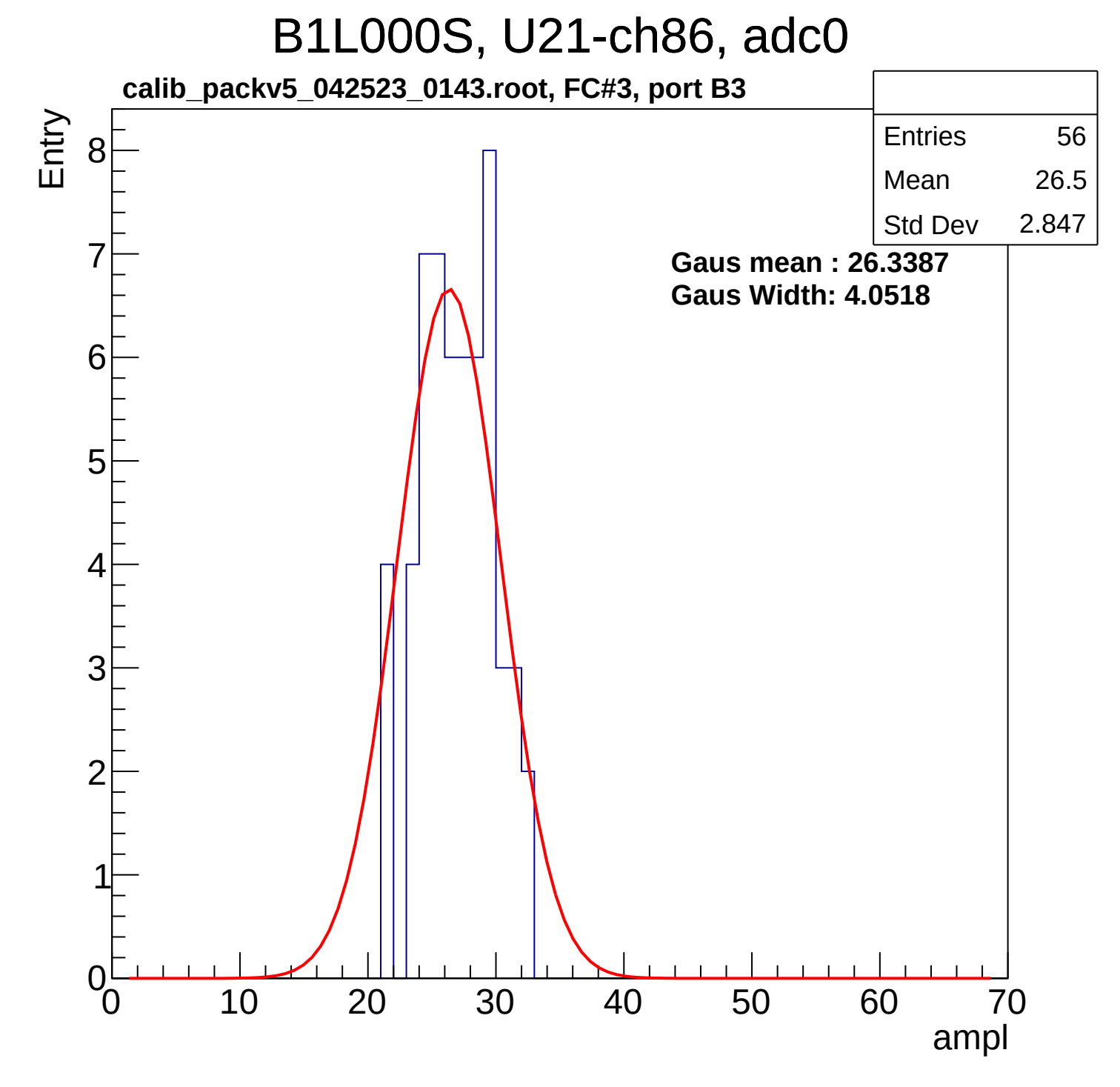

B1L000S, U21-ch85, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 48.78
Std Dev 2.835
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

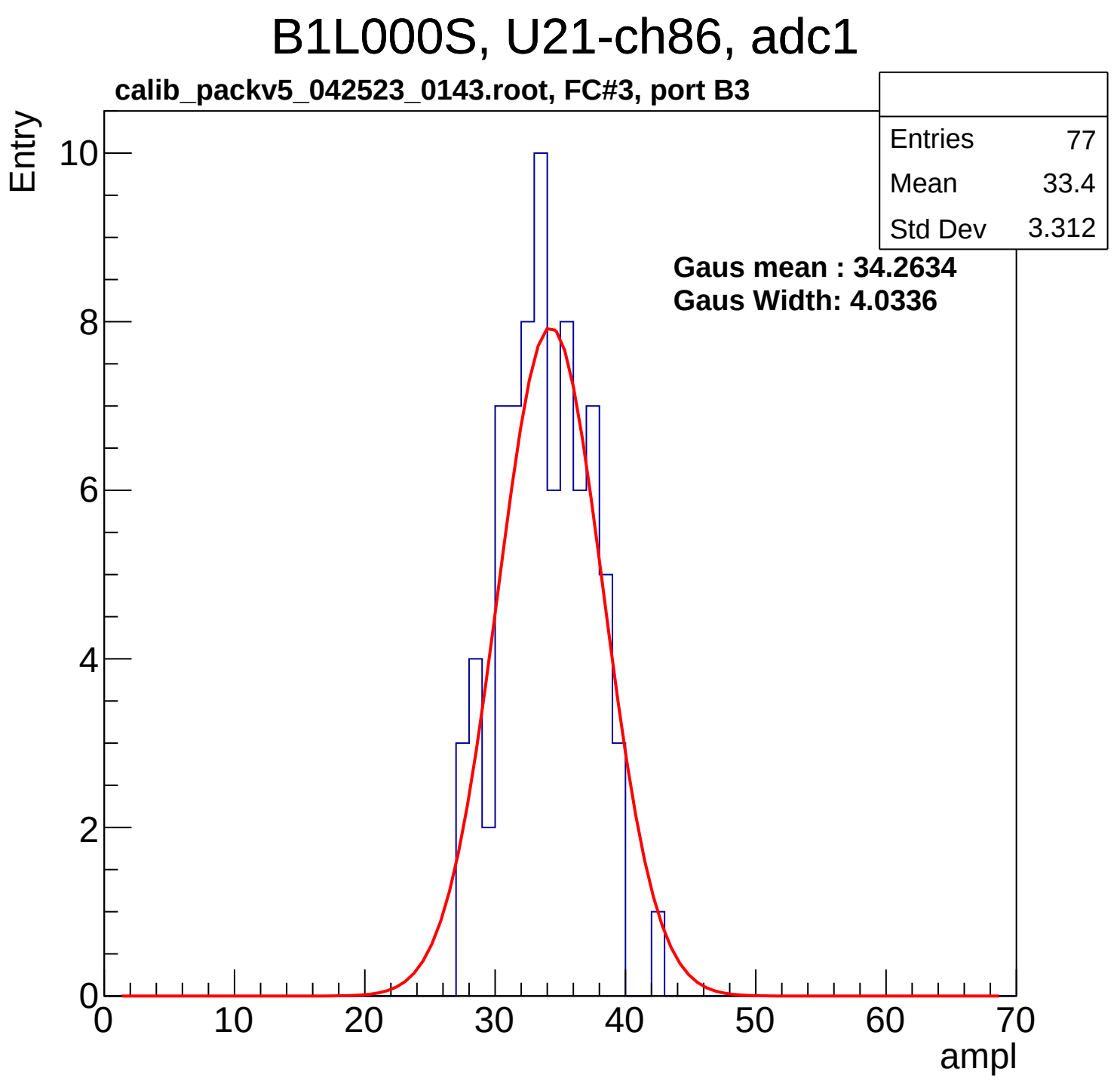

B1L000S, U21-ch85, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 54.69
Std Dev 2.476
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

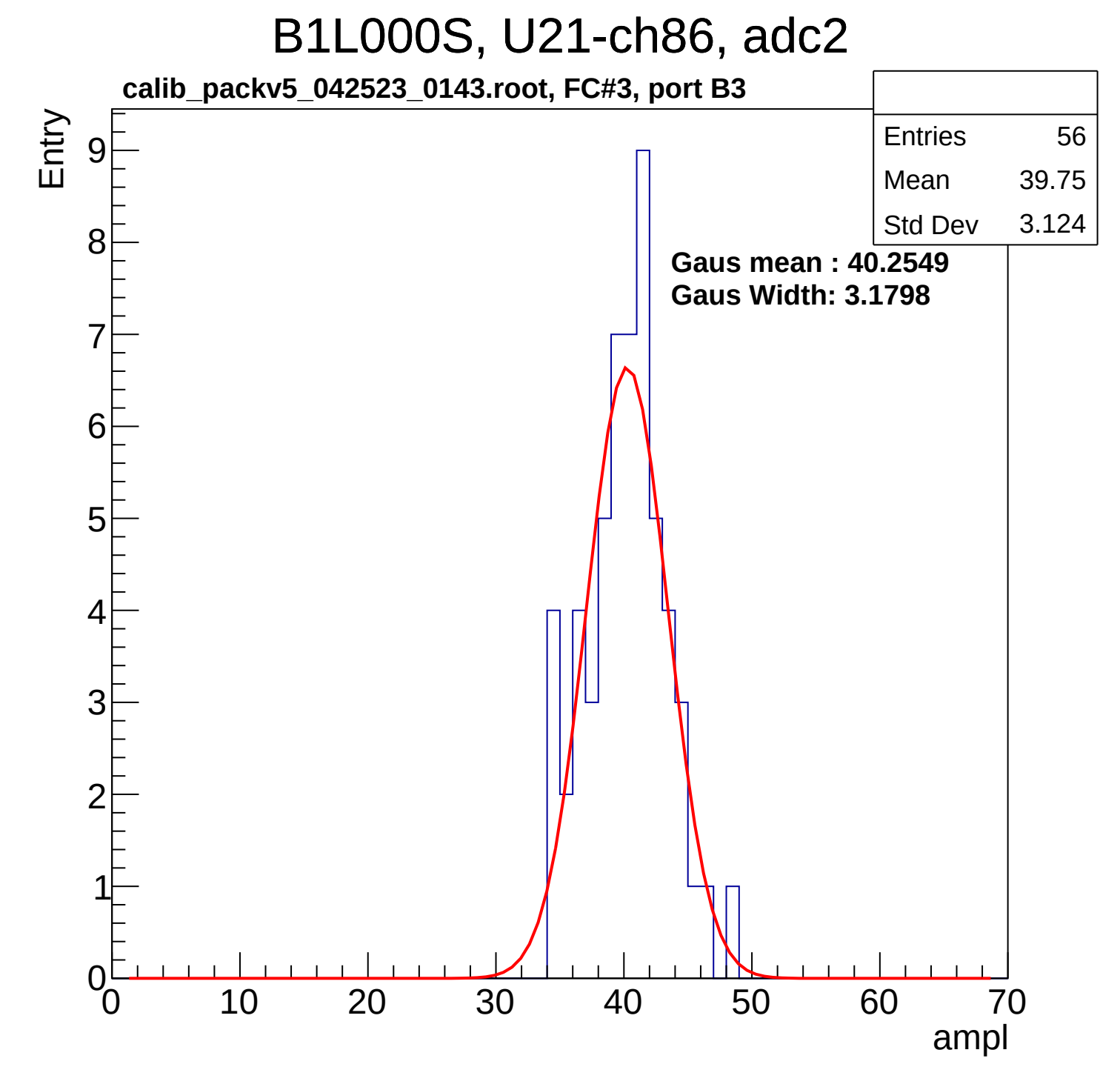

B1L000S, U21-ch85, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 57.8
Std Dev 8.286
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

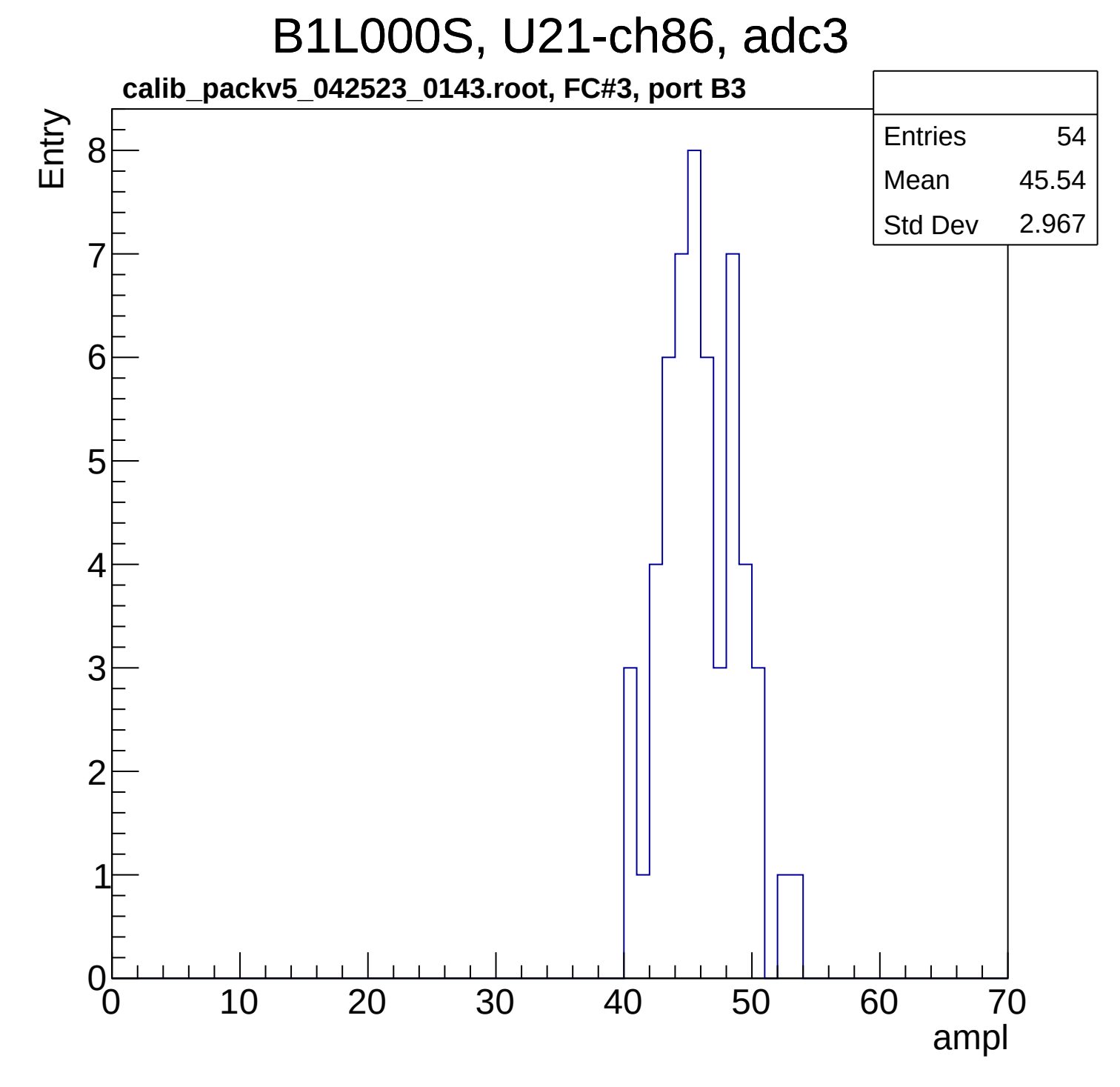

B1L000S, U21-ch85, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 62.15
Std Dev 0.8635
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

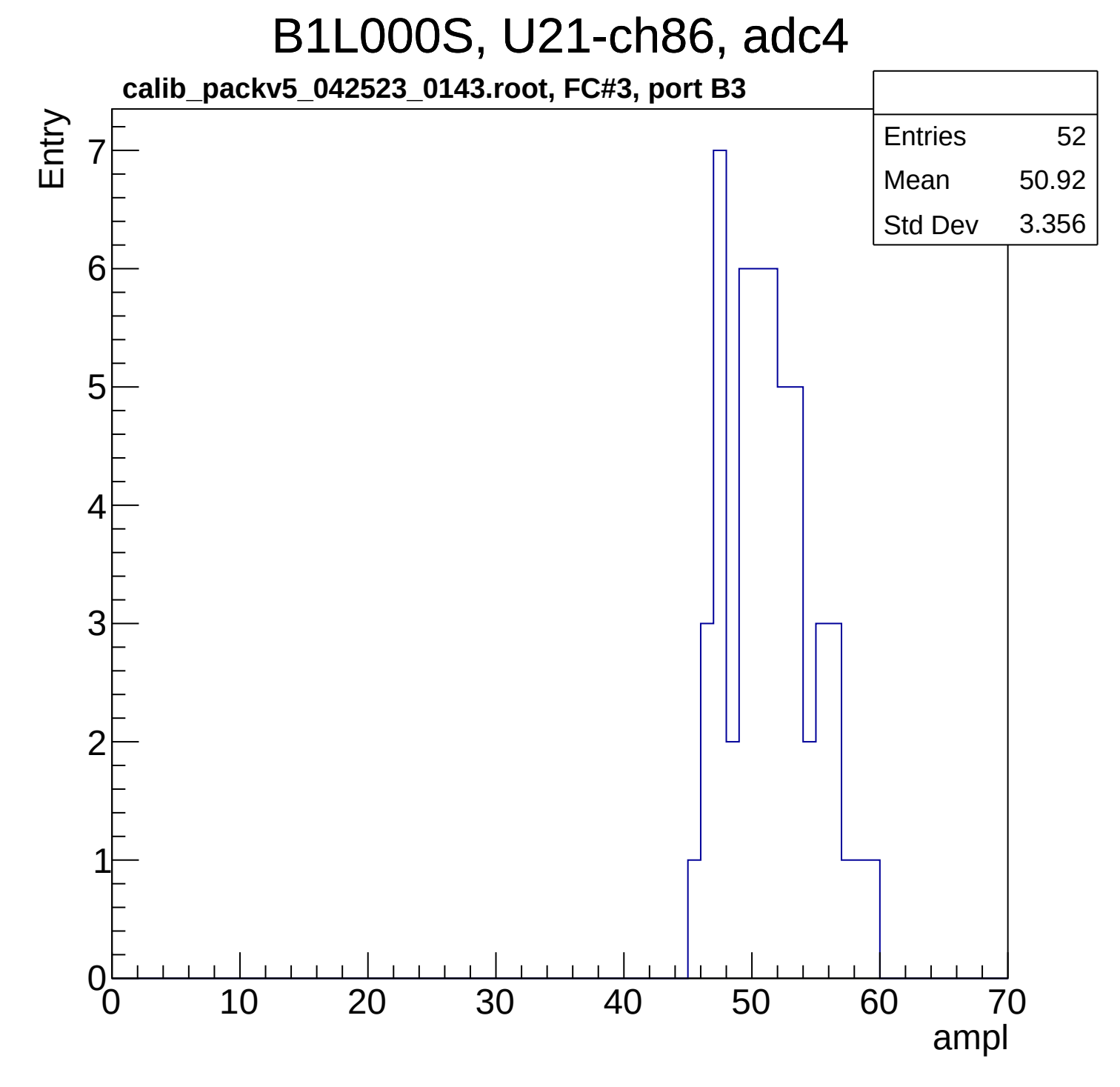

B1L000S, U21-ch85, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 25
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

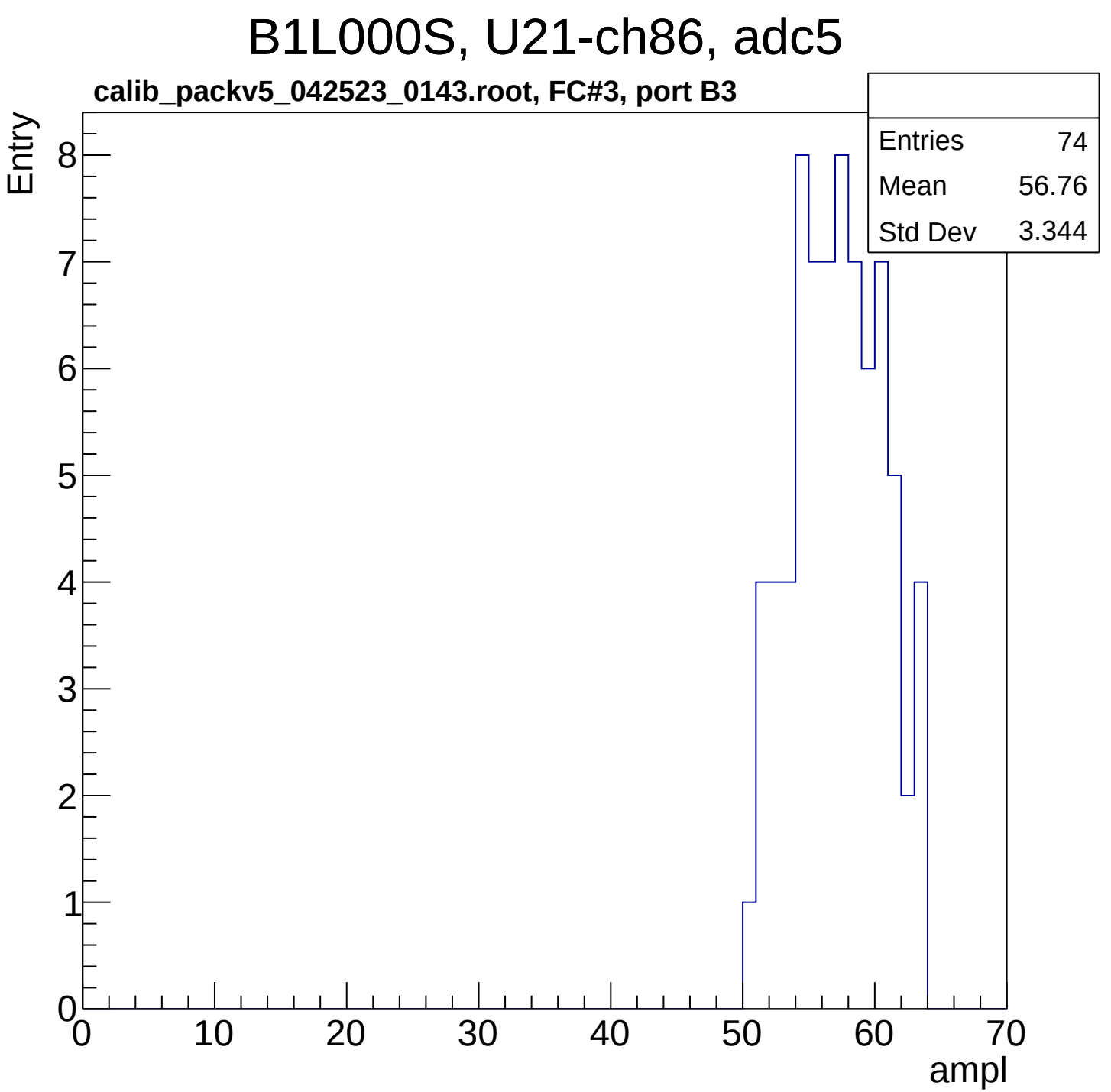

B1L000S, U21-ch86, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 26.5
Std Dev 2.847
Gaus mean : 26.3387
Gaus Width: 4.0518
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

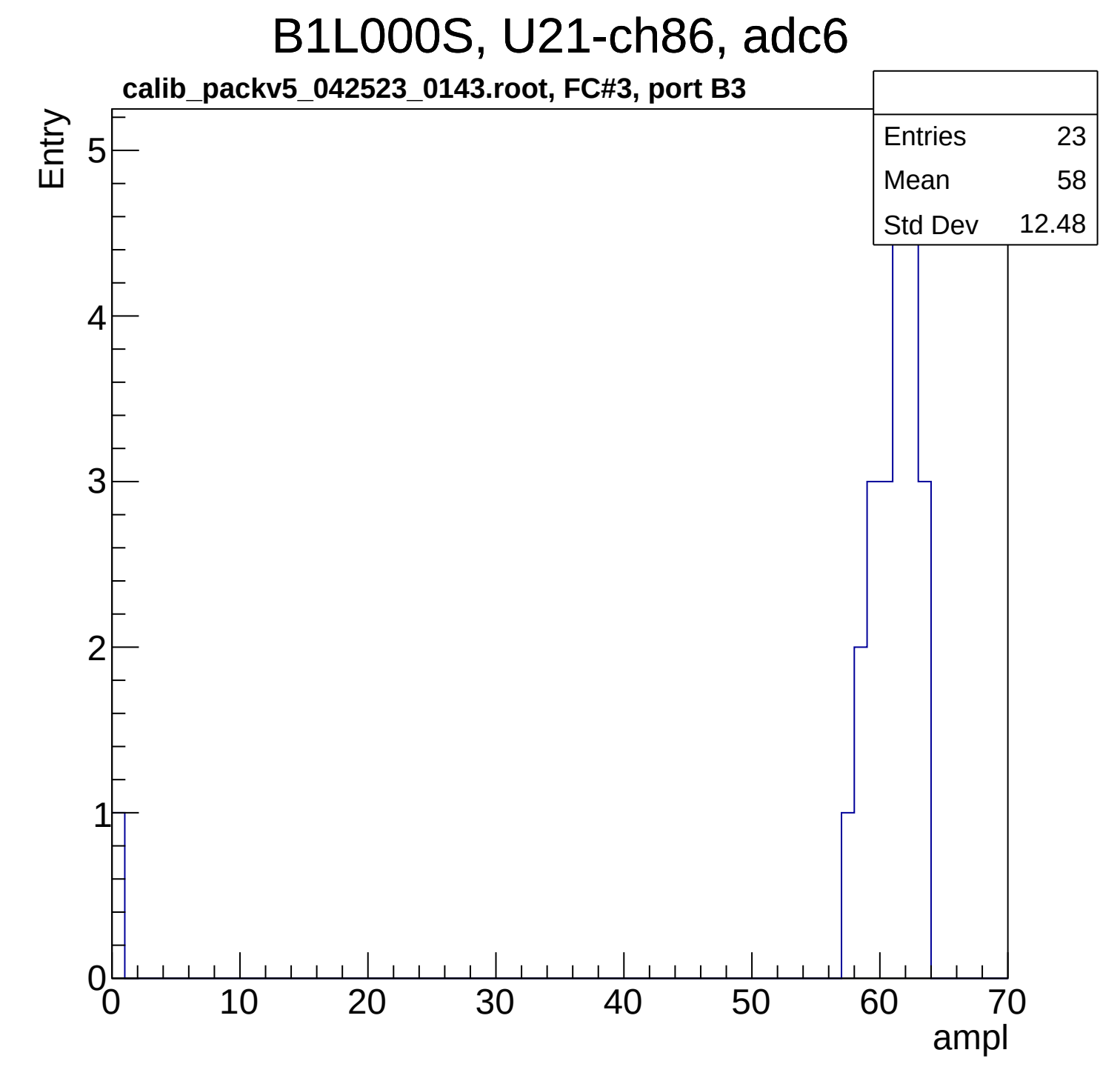

B1L000S, U21-ch86, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 33.4
Std Dev 3.312
Gaus mean : 34.2634
Gaus Width: 4.0336
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

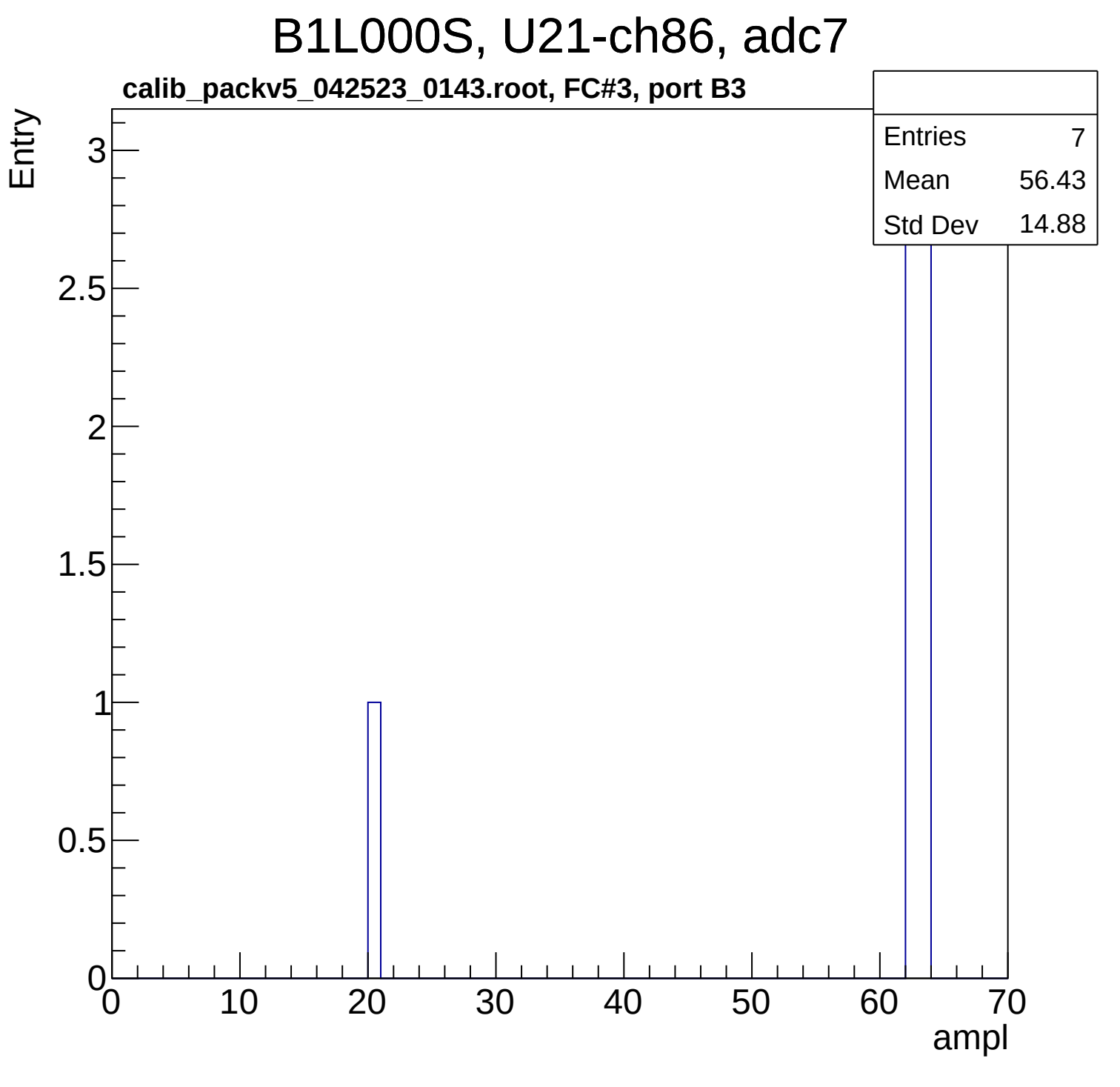

B1L000S, U21-ch86, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 39.75
Std Dev 3.124
Gaus mean : 40.2549
Gaus Width: 3.1798
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

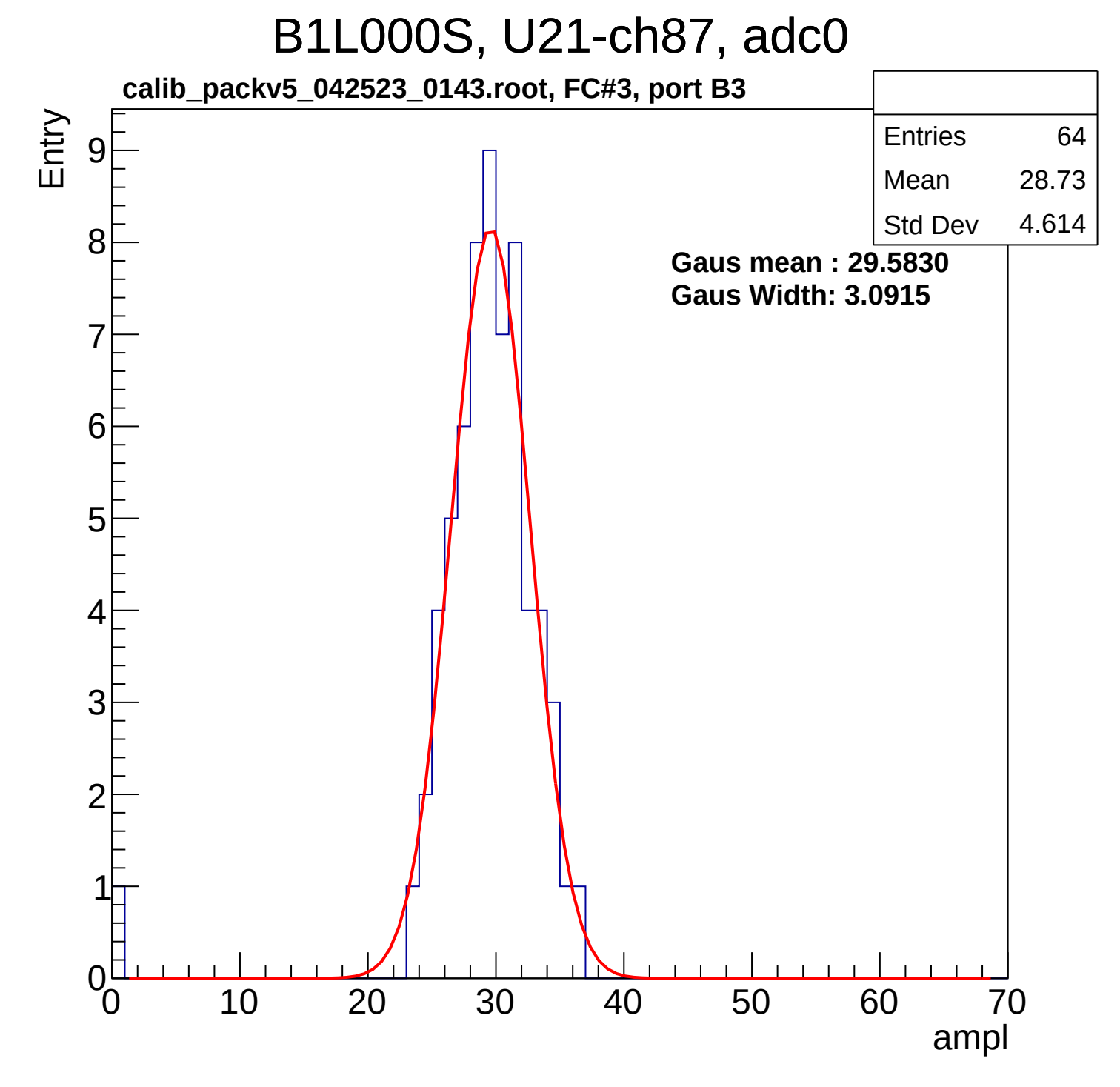

B1L000S, U21-ch86, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 45.54
Std Dev 2.967
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

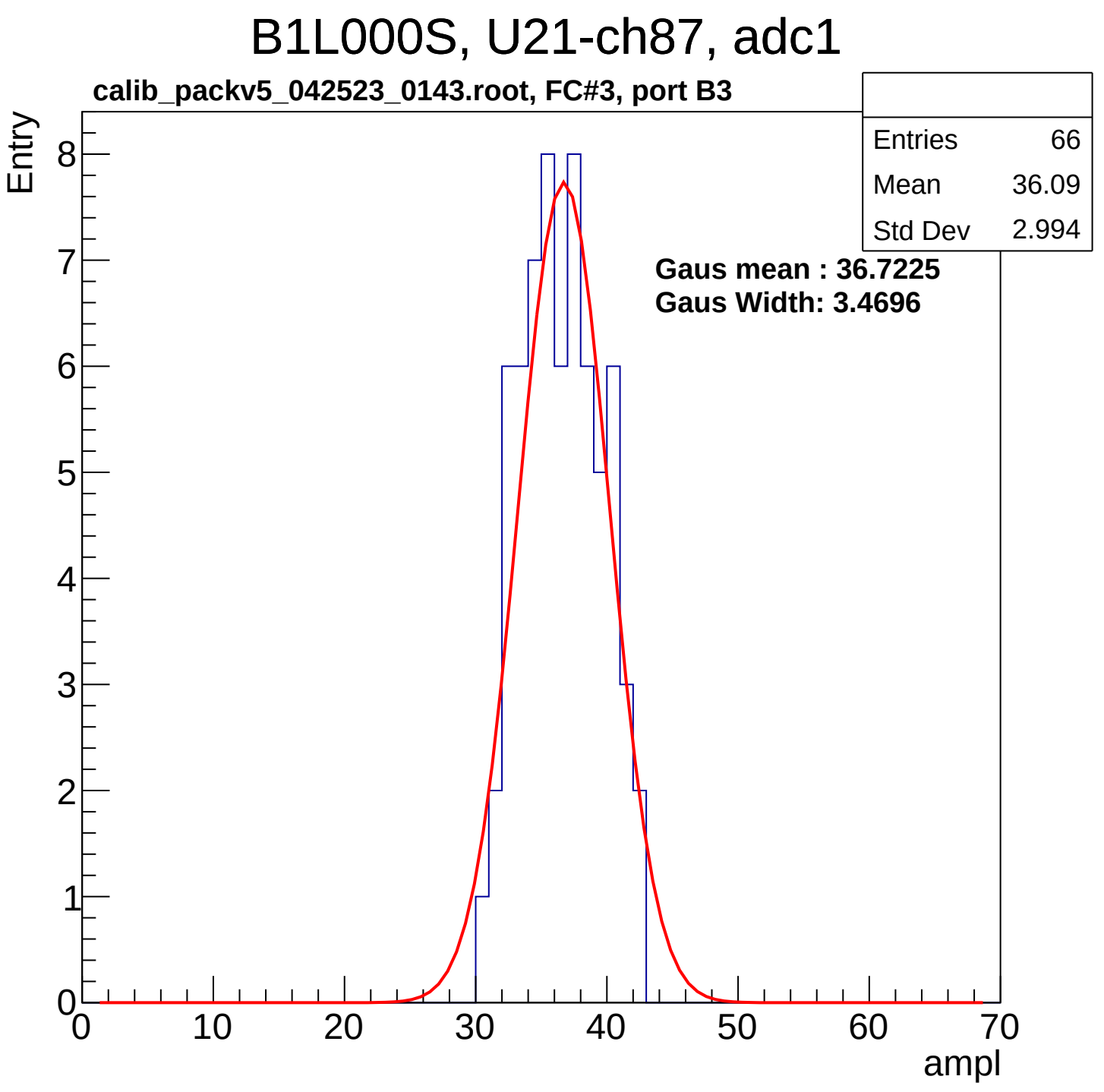

B1L000S, U21-ch86, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 50.92
Std Dev 3.356
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

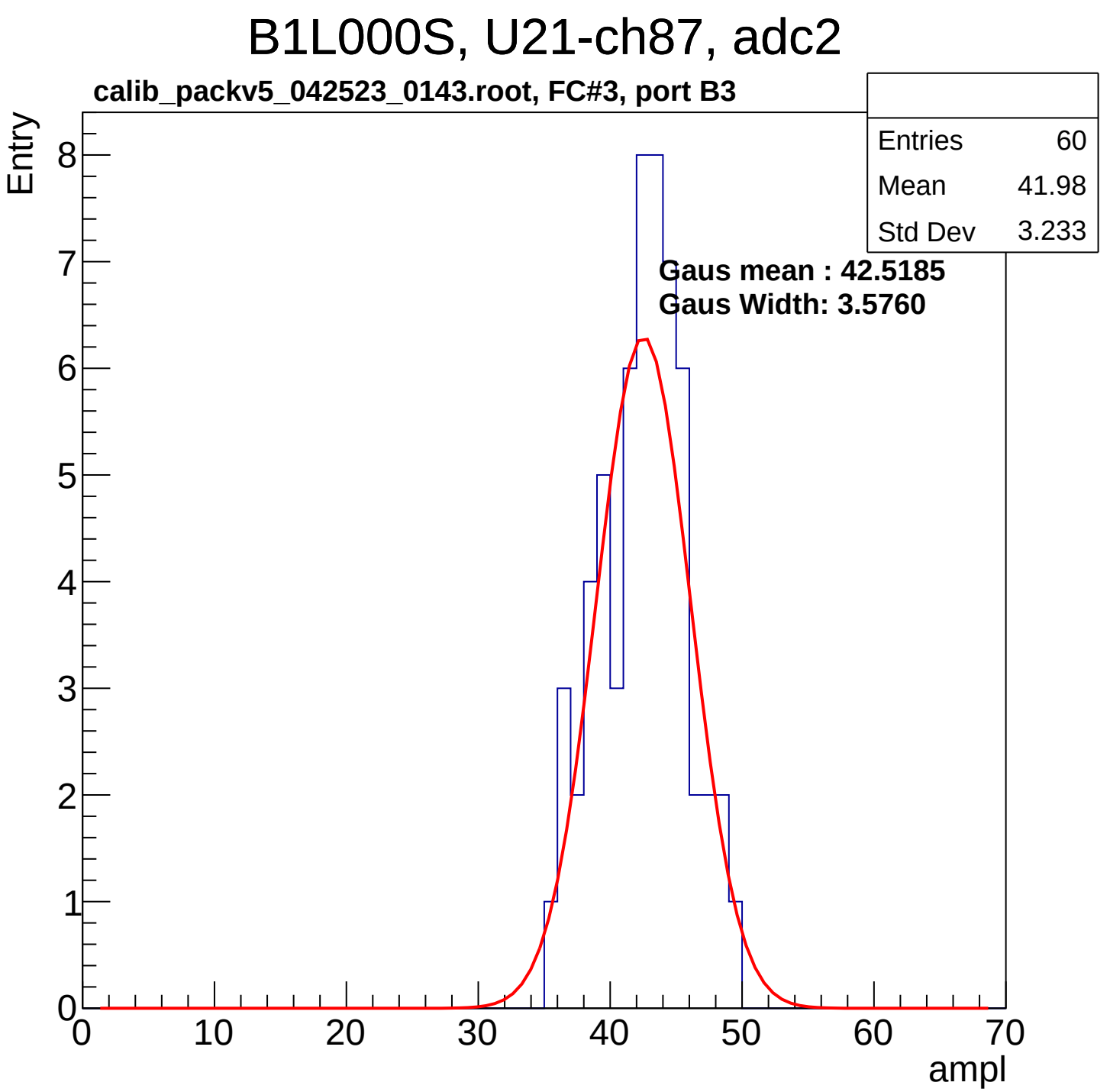

B1L000S, U21-ch86, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 56.76
Std Dev 3.344
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

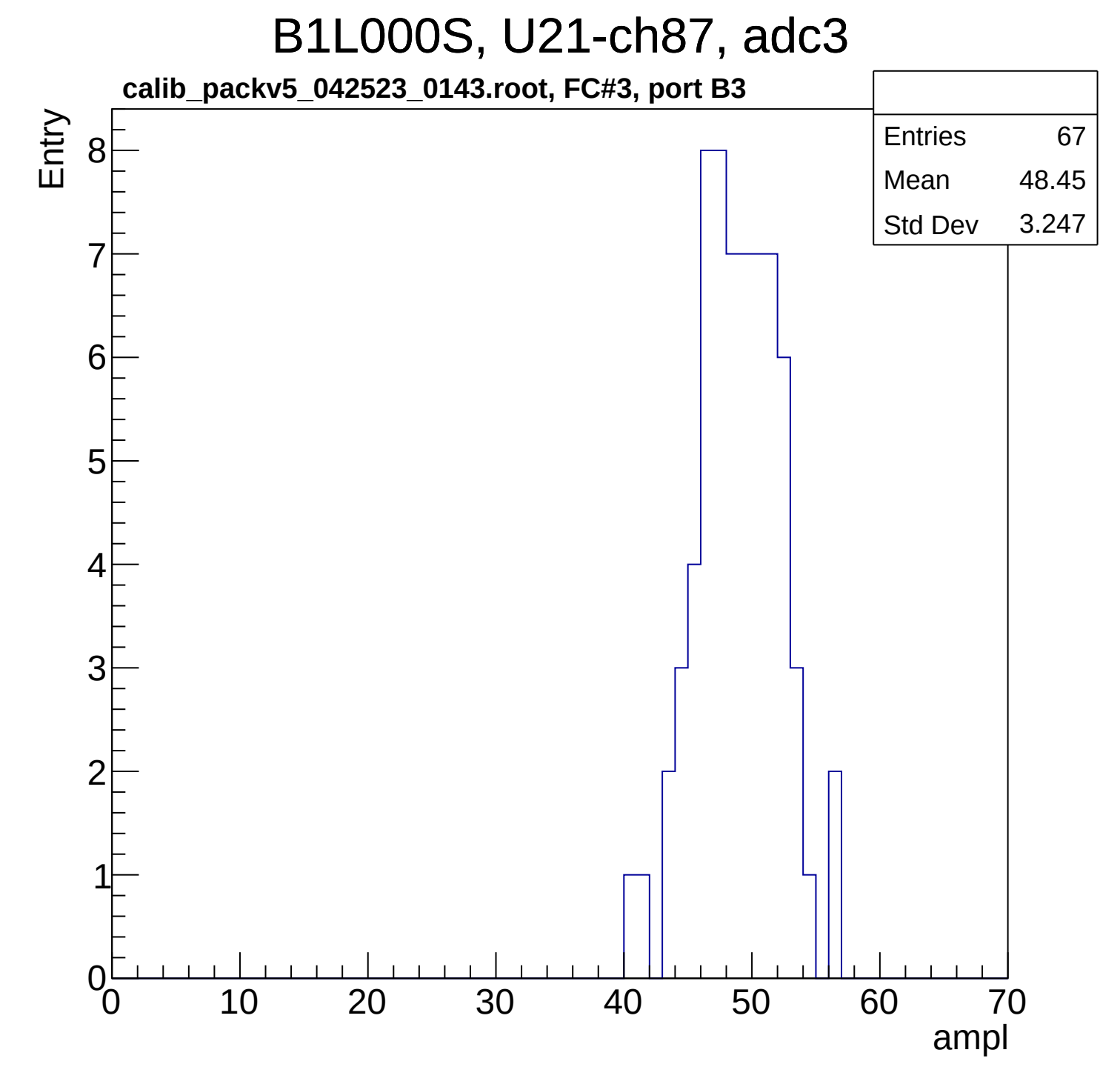

B1L000S, U21-ch86, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 23
Mean 58
Std Dev 12.48
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

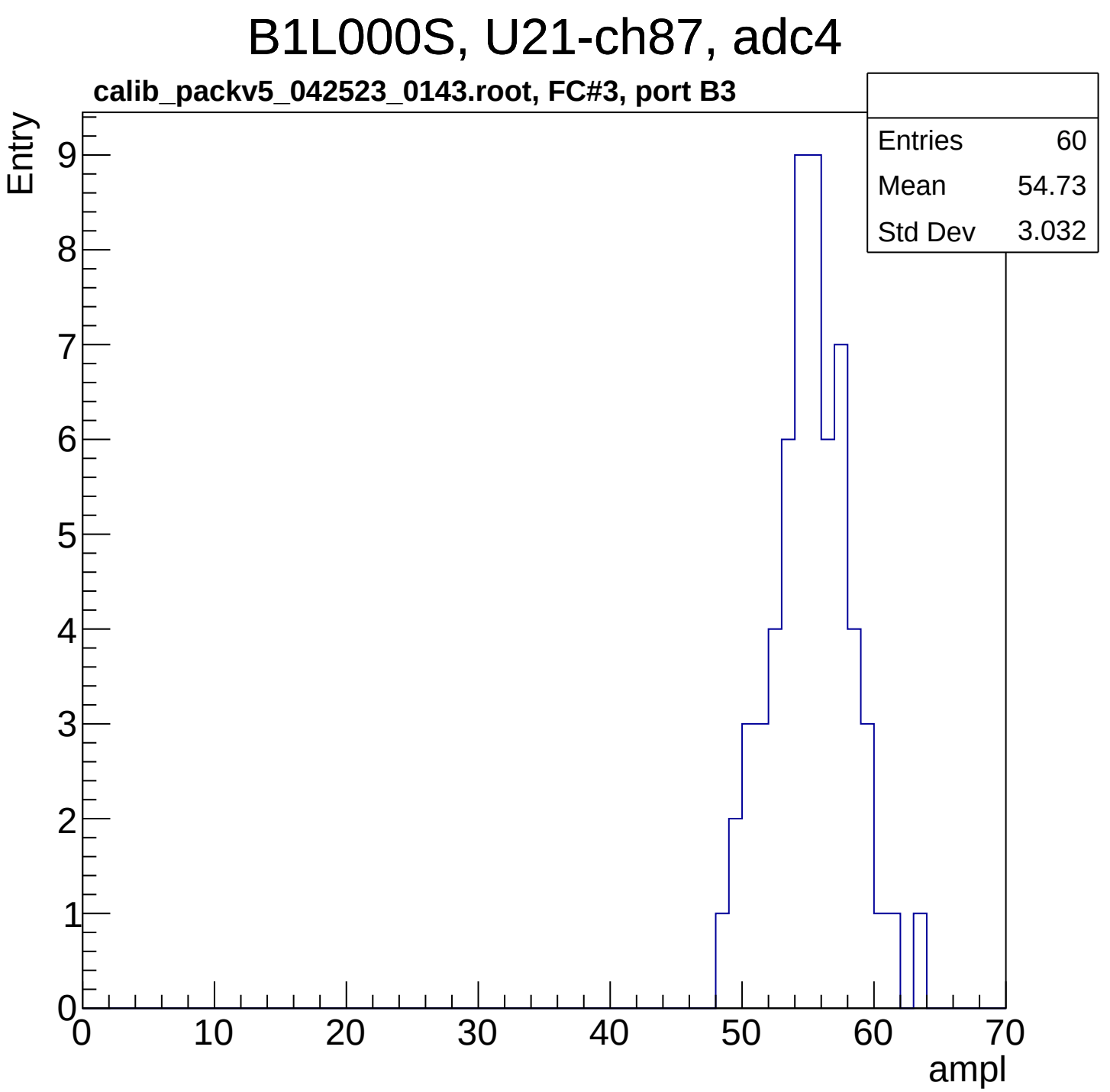

B1L000S, U21-ch86, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 7
Mean 56.43
Std Dev 14.88
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

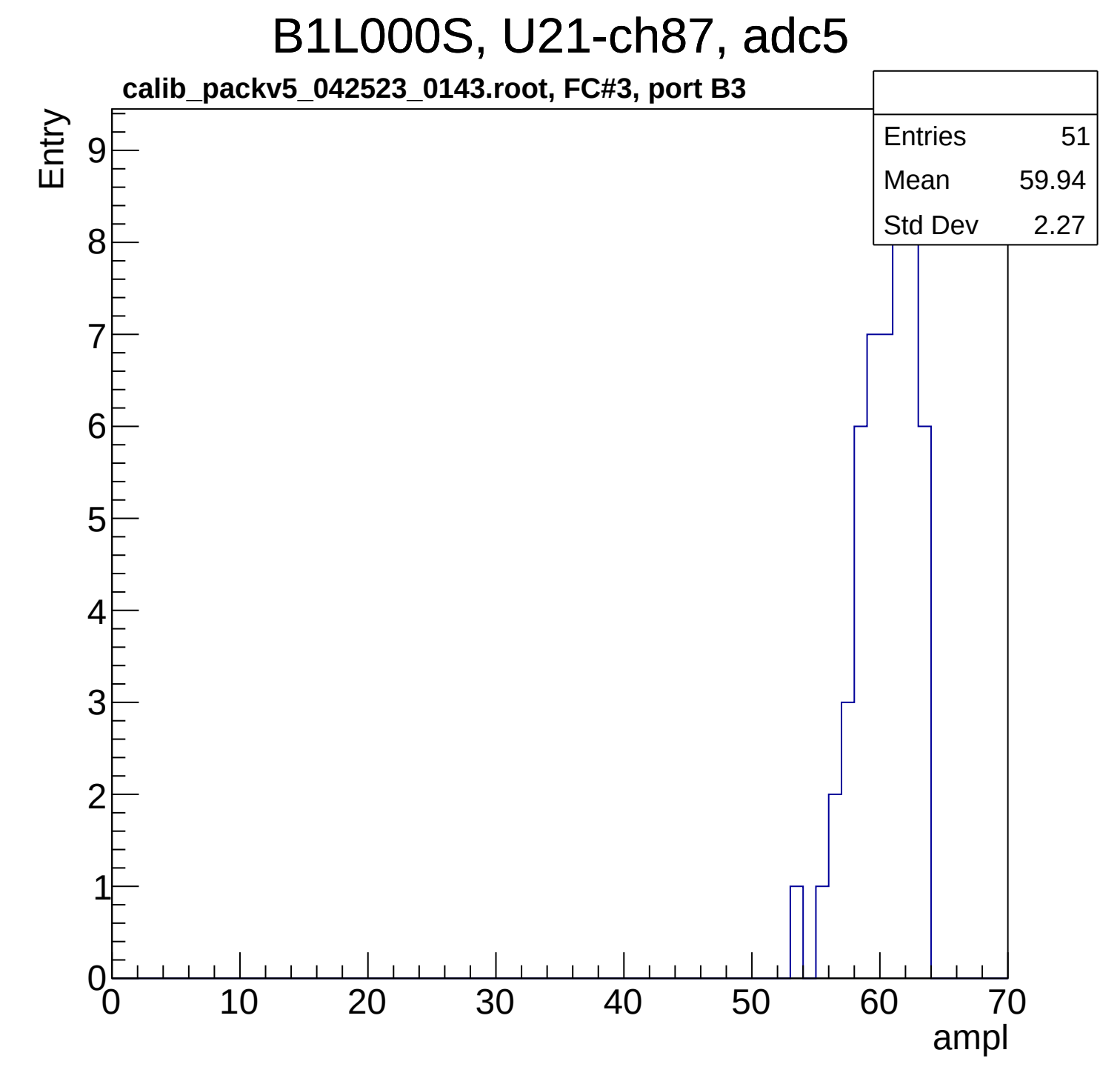

B1L000S, U21-ch87, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 28.73
Std Dev 4.614
Gaus mean : 29.5830
Gaus Width: 3.0915
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

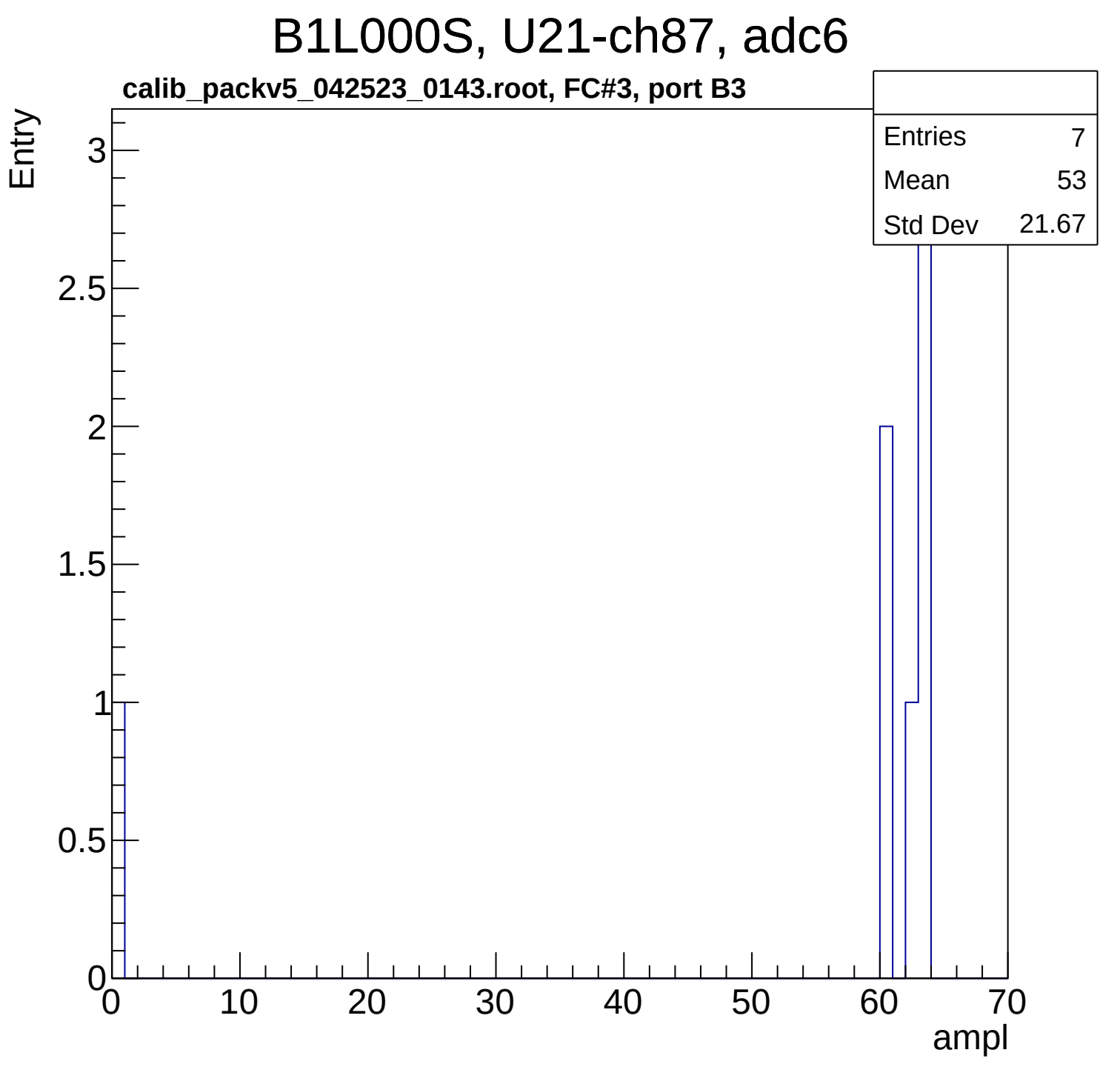

B1L000S, U21-ch87, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 36.09
Std Dev 2.994
Gaus mean : 36.7225
Gaus Width: 3.4696
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

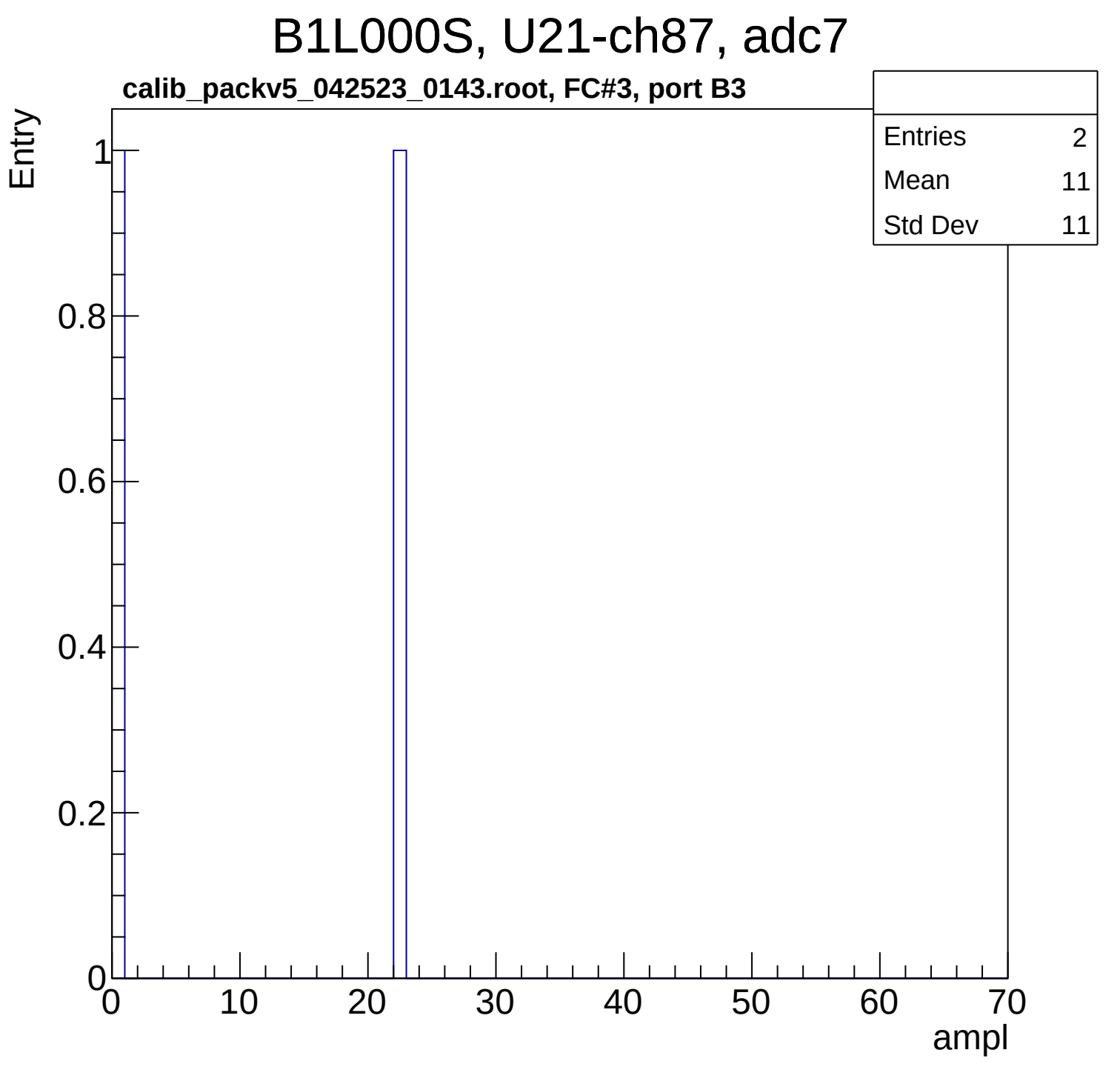

B1L000S, U21-ch87, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 41.98
Std Dev 3.233
Gaus mean : 42.5185
Gaus Width: 3.5760
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

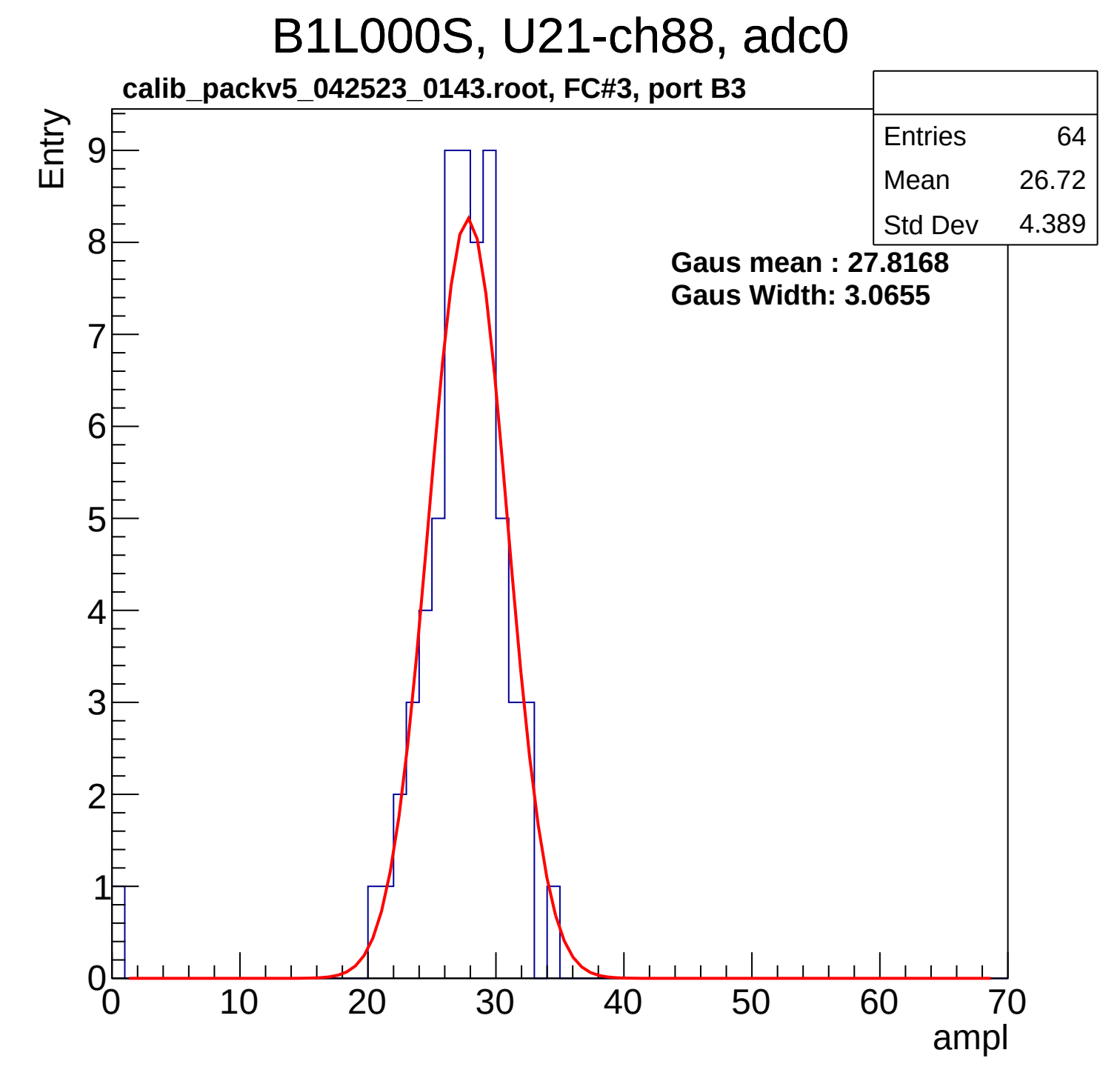

B1L000S, U21-ch87, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 48.45
Std Dev 3.247
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

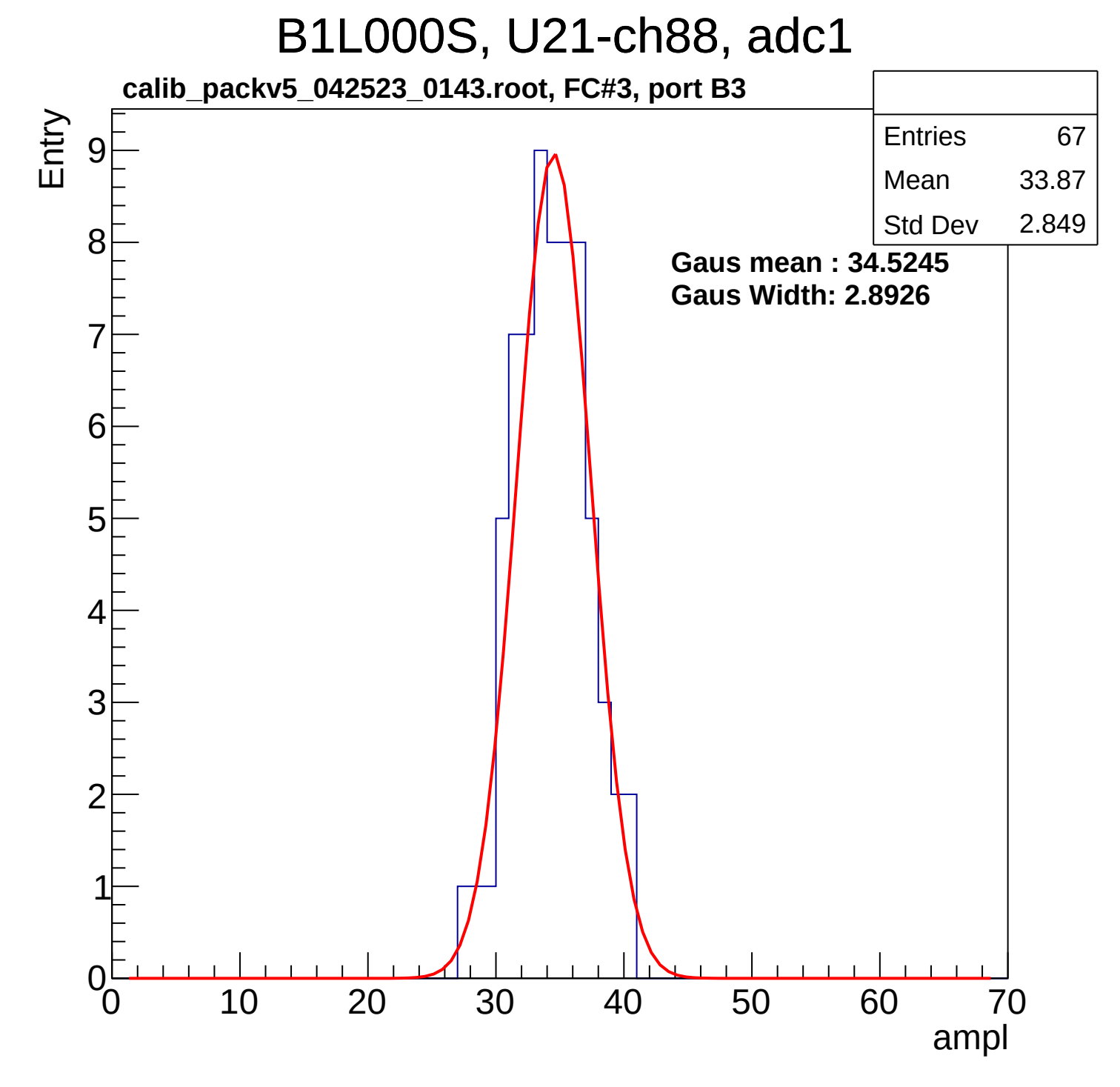

B1L000S, U21-ch87, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 54.73
Std Dev 3.032
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

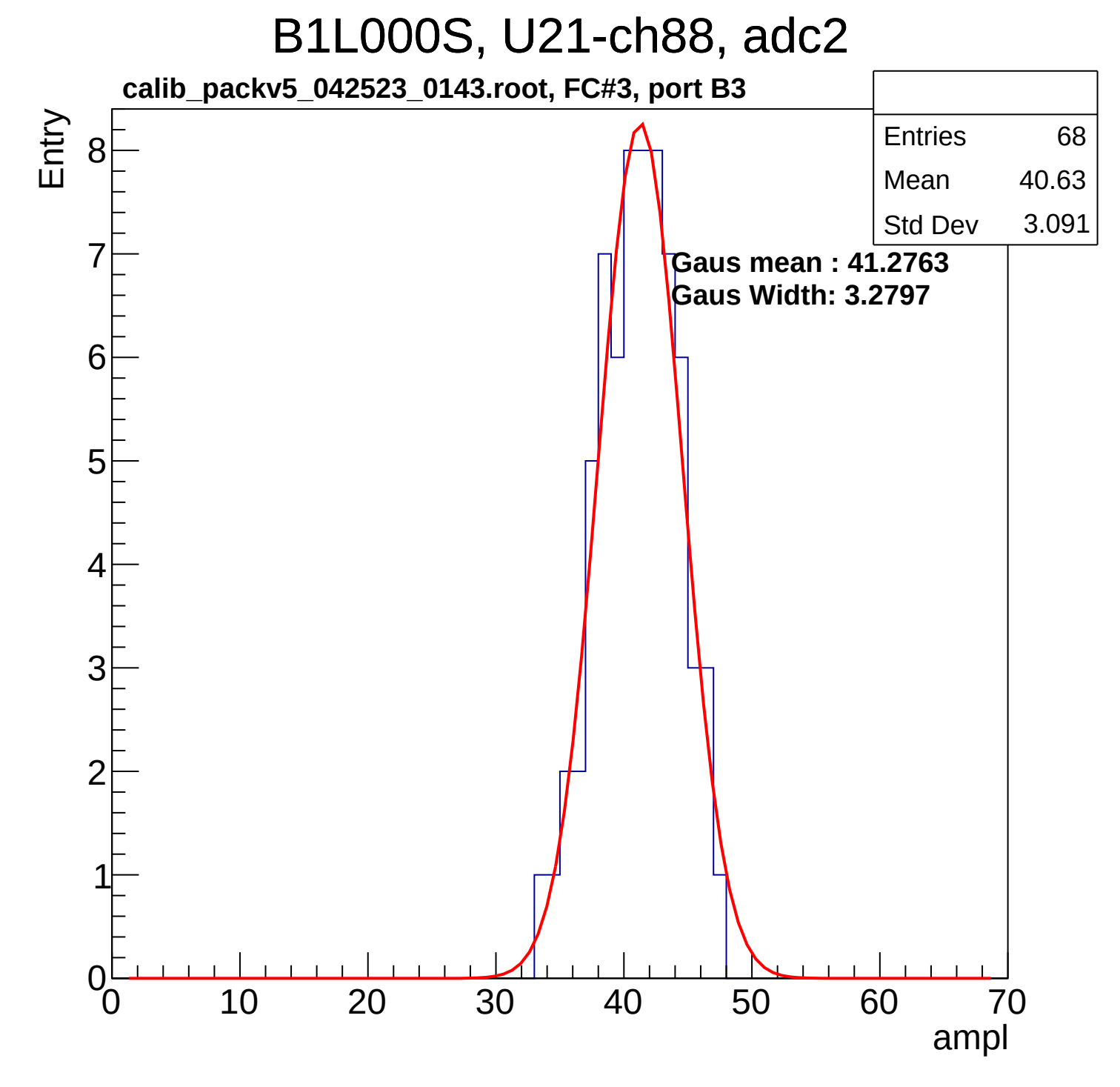

B1L000S, U21-ch87, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 59.94
Std Dev 2.27
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

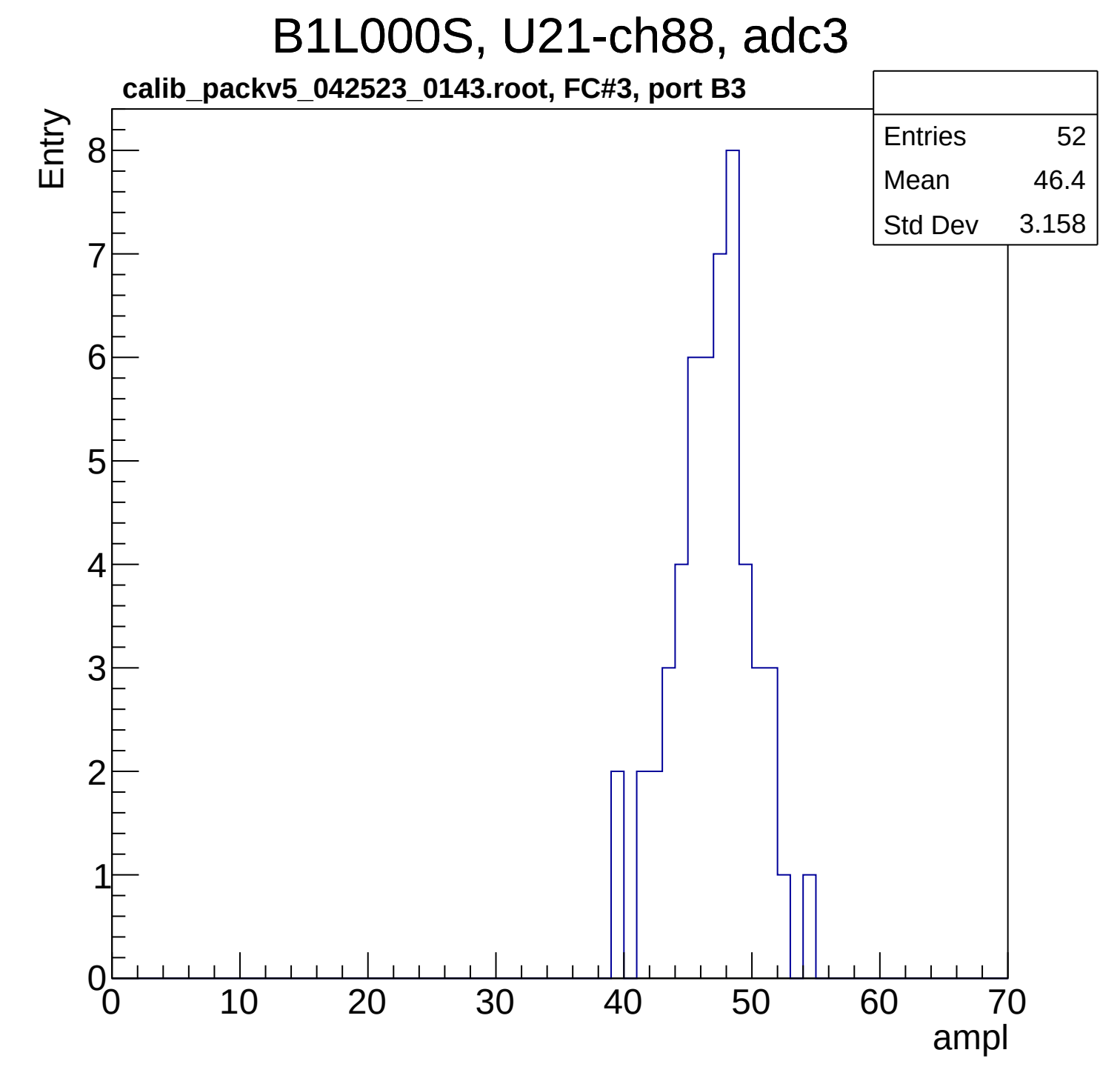

B1L000S, U21-ch87, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 7
Mean 53
Std Dev 21.67
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

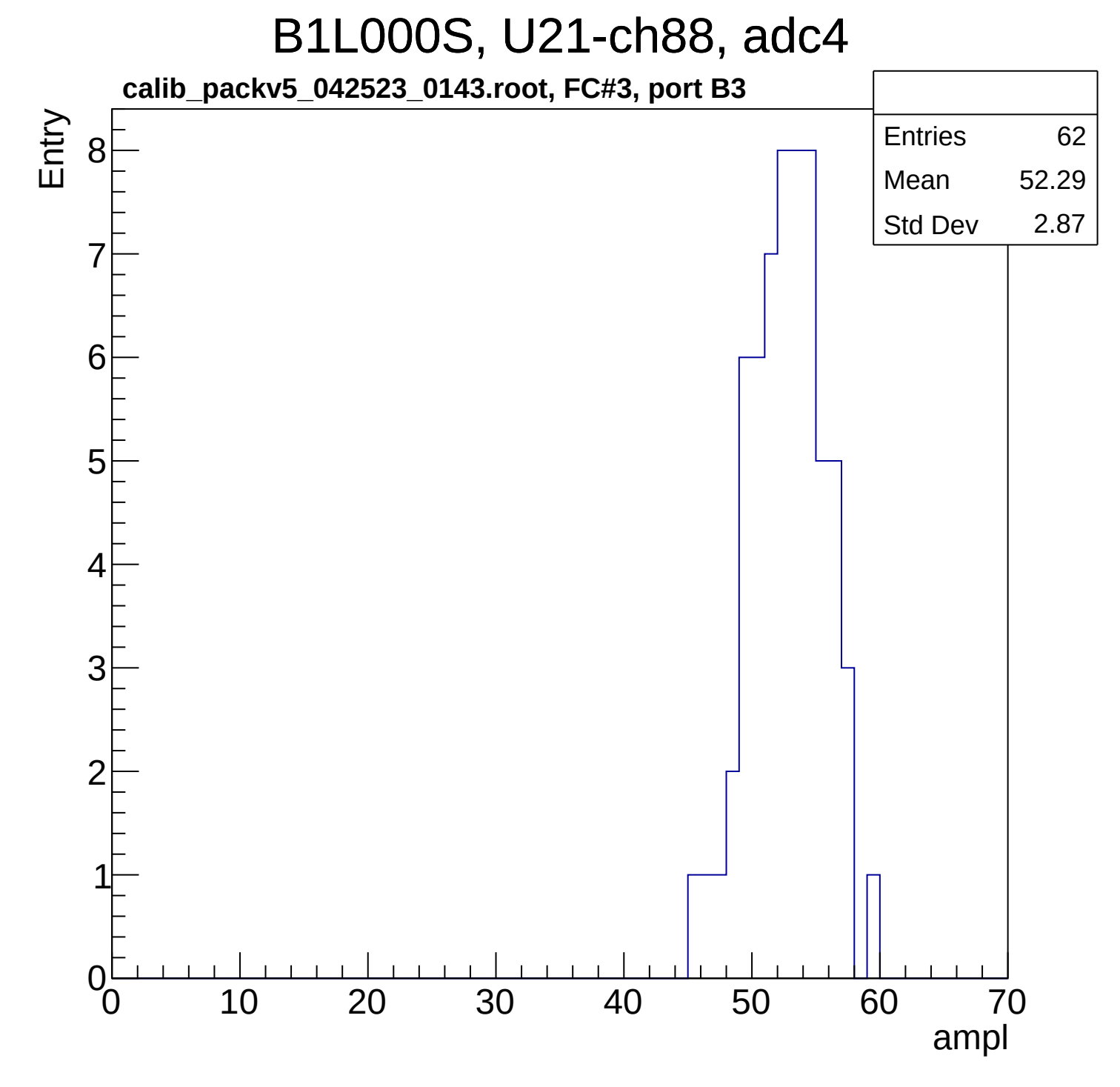

B1L000S, U21-ch87, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 11
Std Dev 11
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

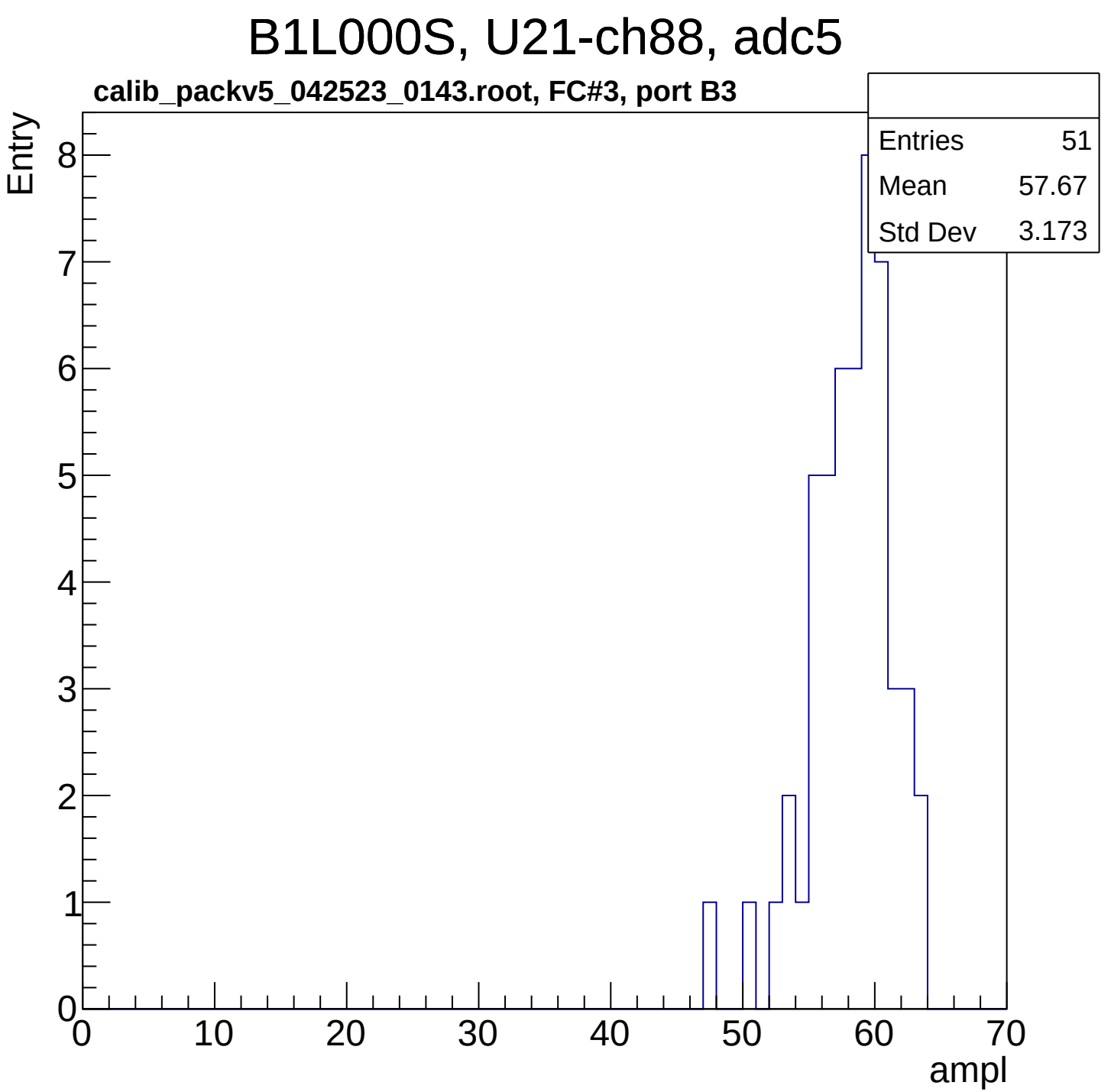

B1L000S, U21-ch88, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 26.72
Std Dev 4.389
Gaus mean : 27.8168
Gaus Width: 3.0655
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

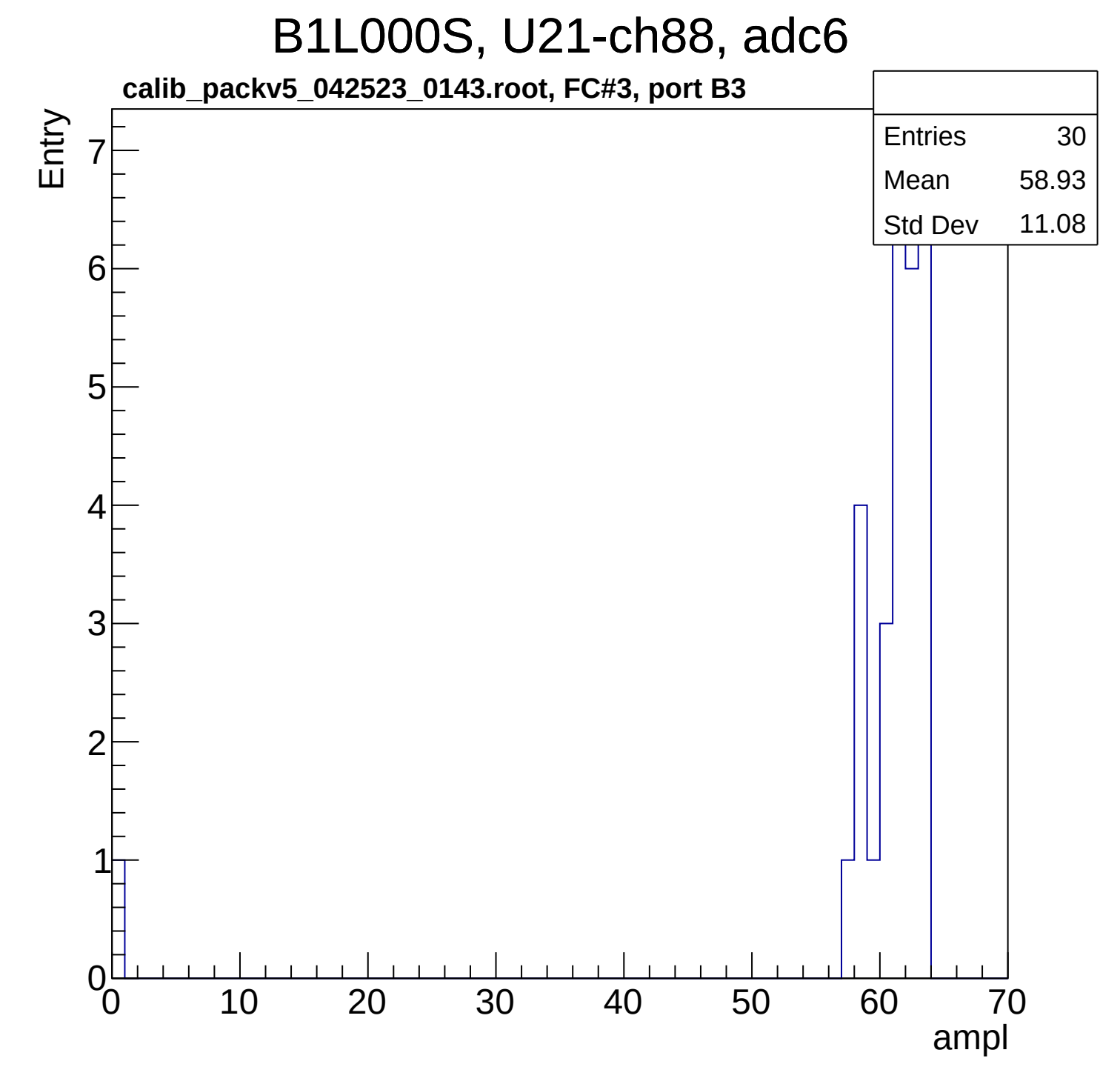

B1L000S, U21-ch88, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 33.87
Std Dev 2.849
Gaus mean : 34.5245
Gaus Width: 2.8926
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

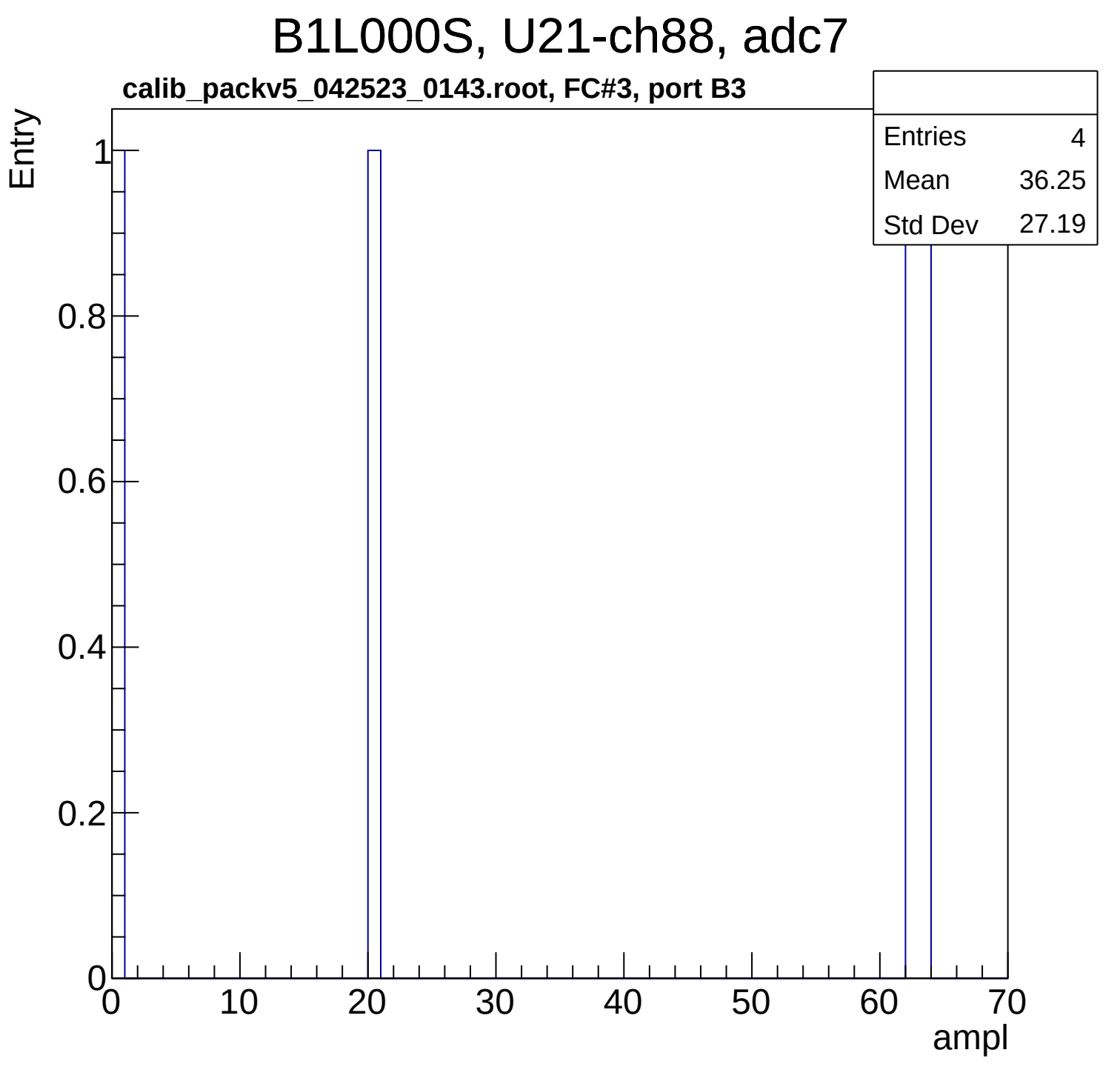

B1L000S, U21-ch88, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 40.63
Std Dev 3.091
Gaus mean : 41.2763
Gaus Width: 3.2797
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

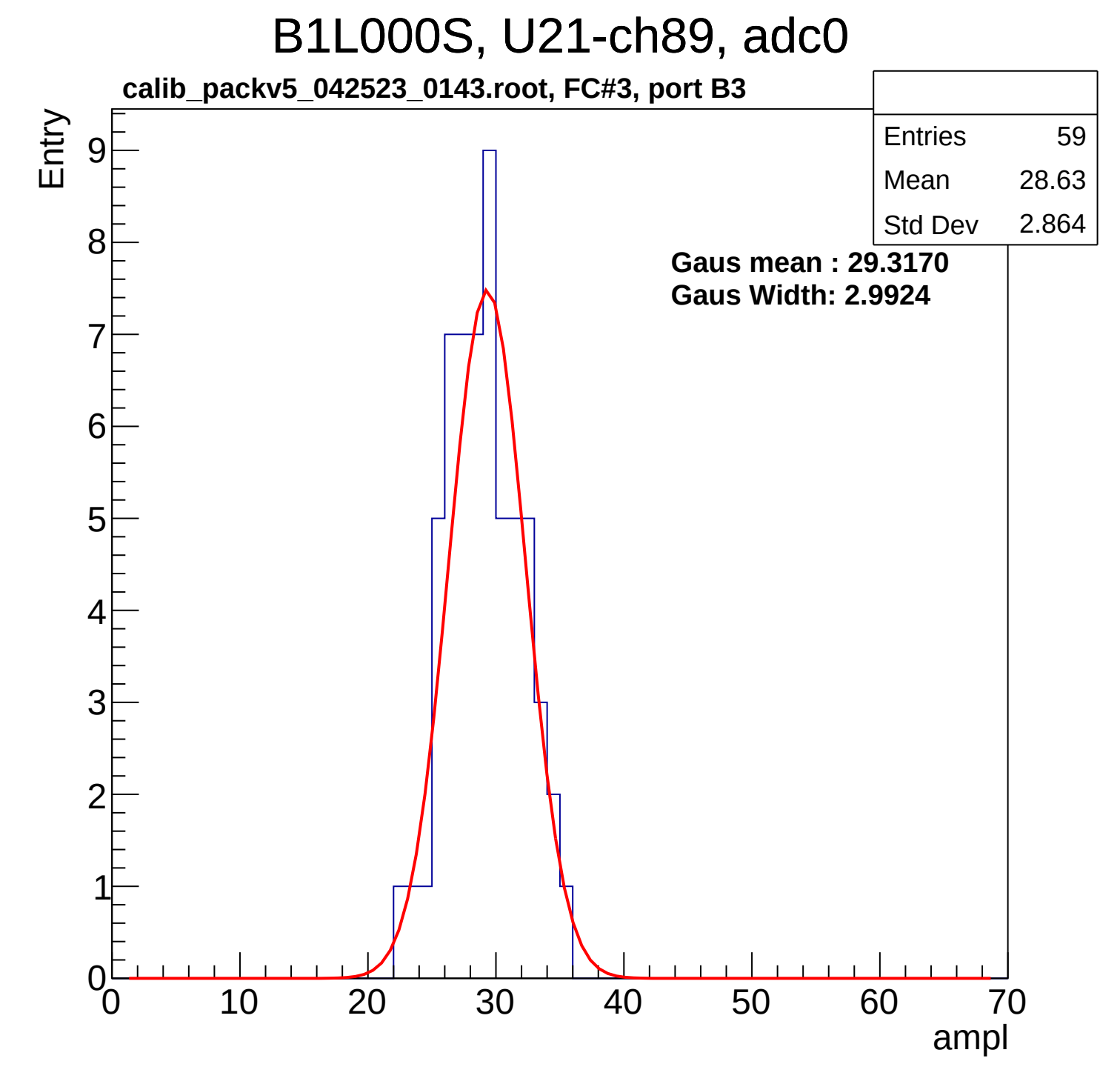

B1L000S, U21-ch88, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 46.4
Std Dev 3.158
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

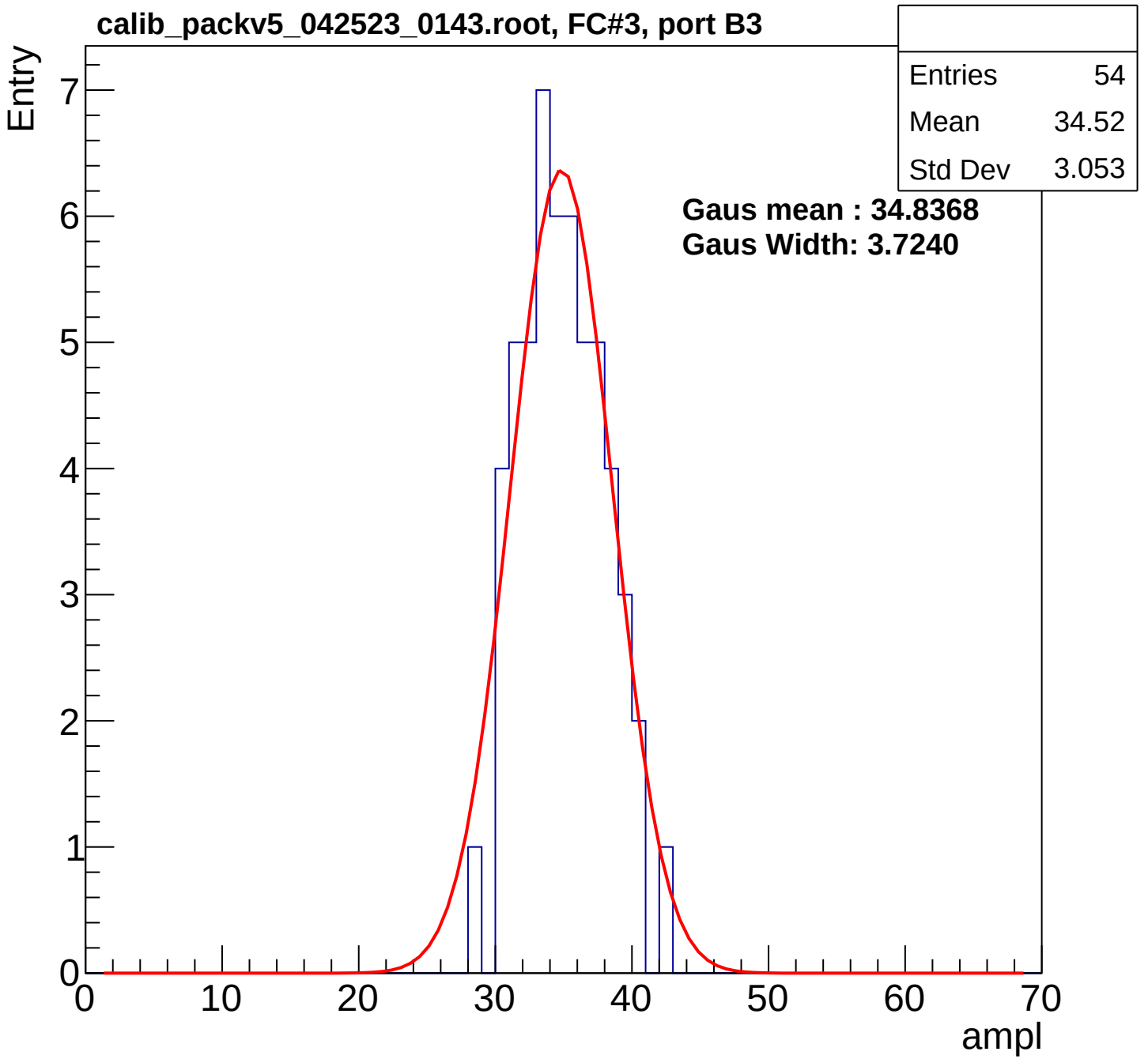

B1L000S, U21-ch88, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 52.29
Std Dev 2.87
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

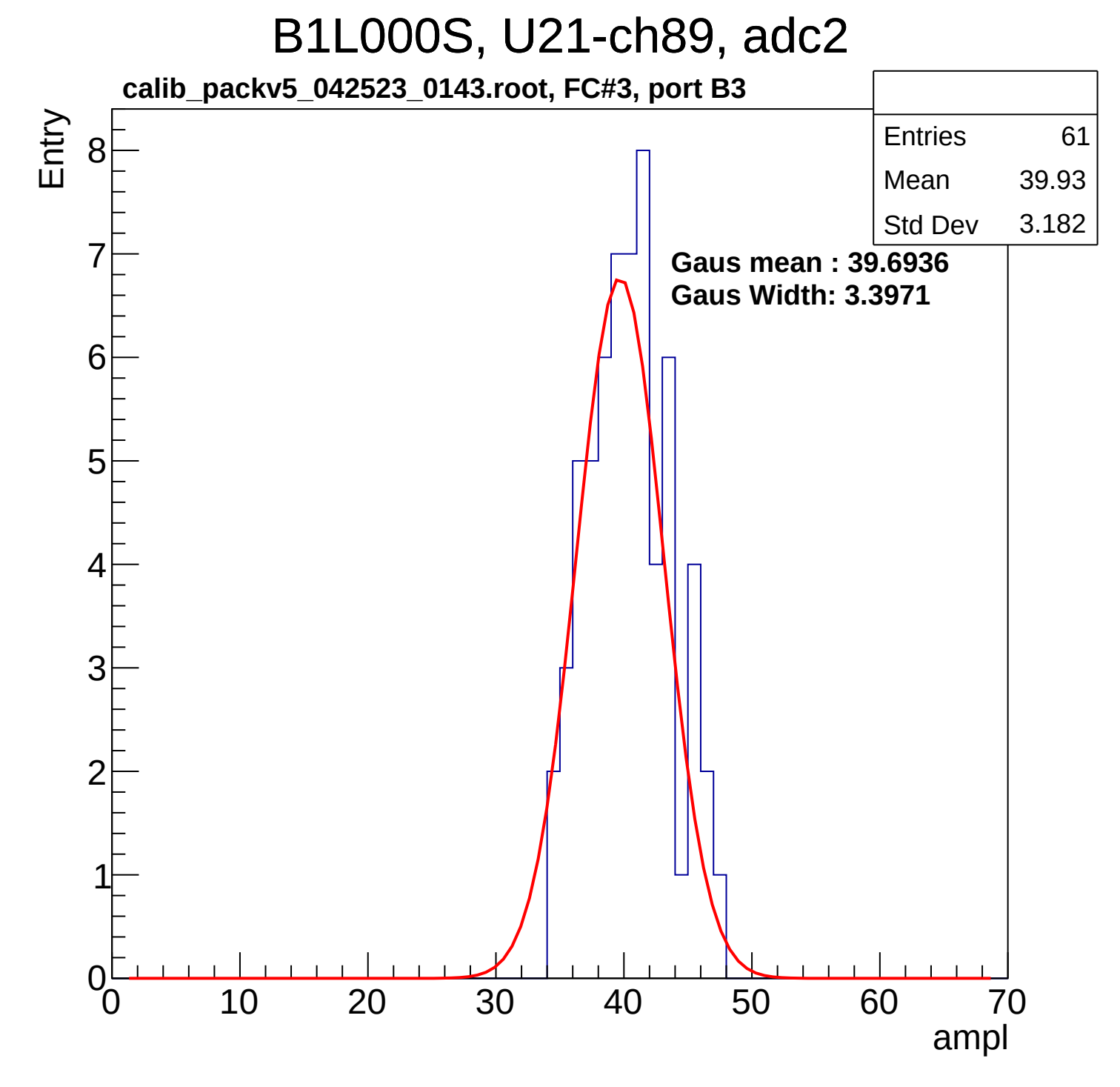

B1L000S, U21-ch88, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 57.67
Std Dev 3.173
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

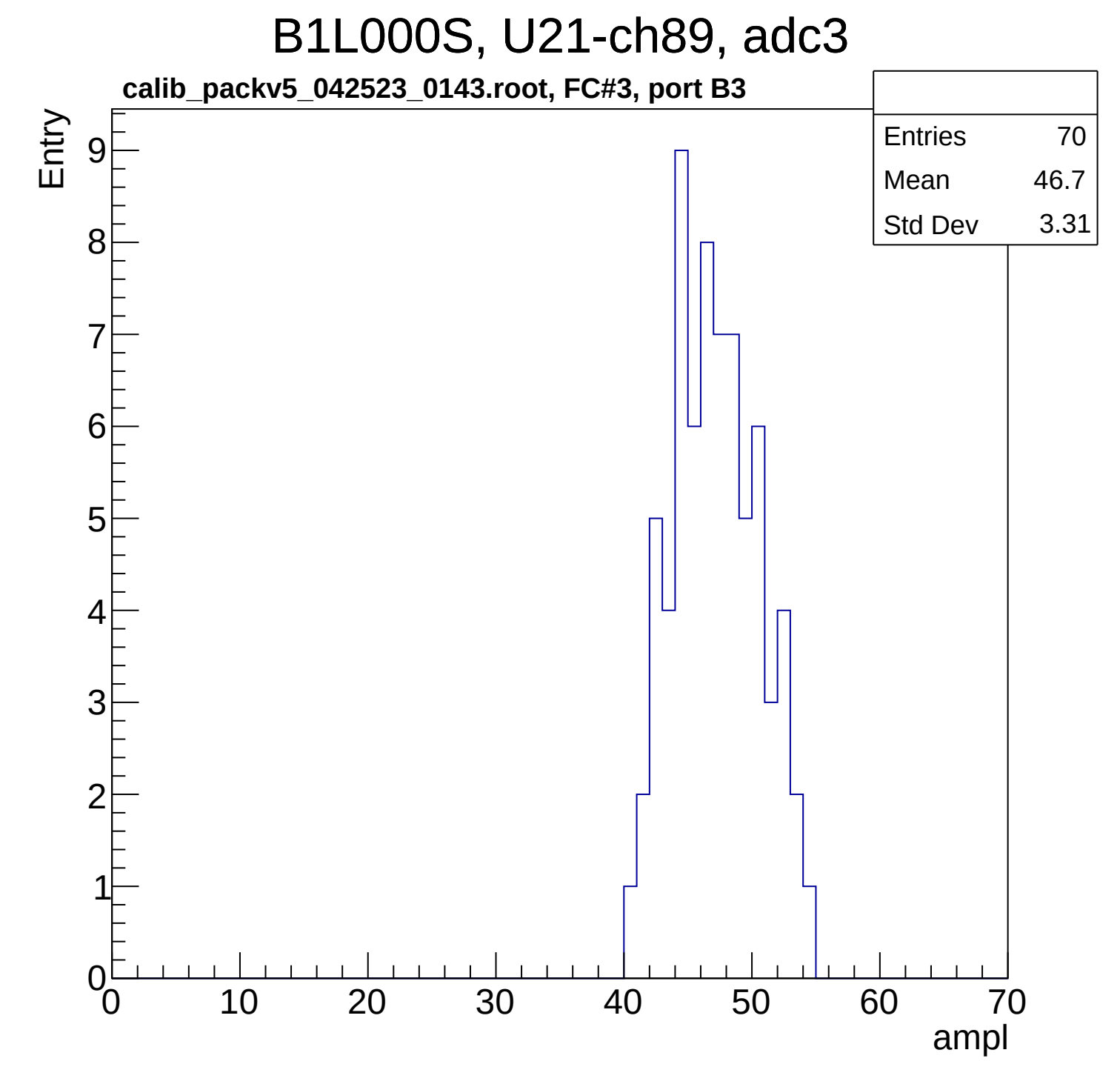

B1L000S, U21-ch88, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 30
Mean 58.93
Std Dev 11.08
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

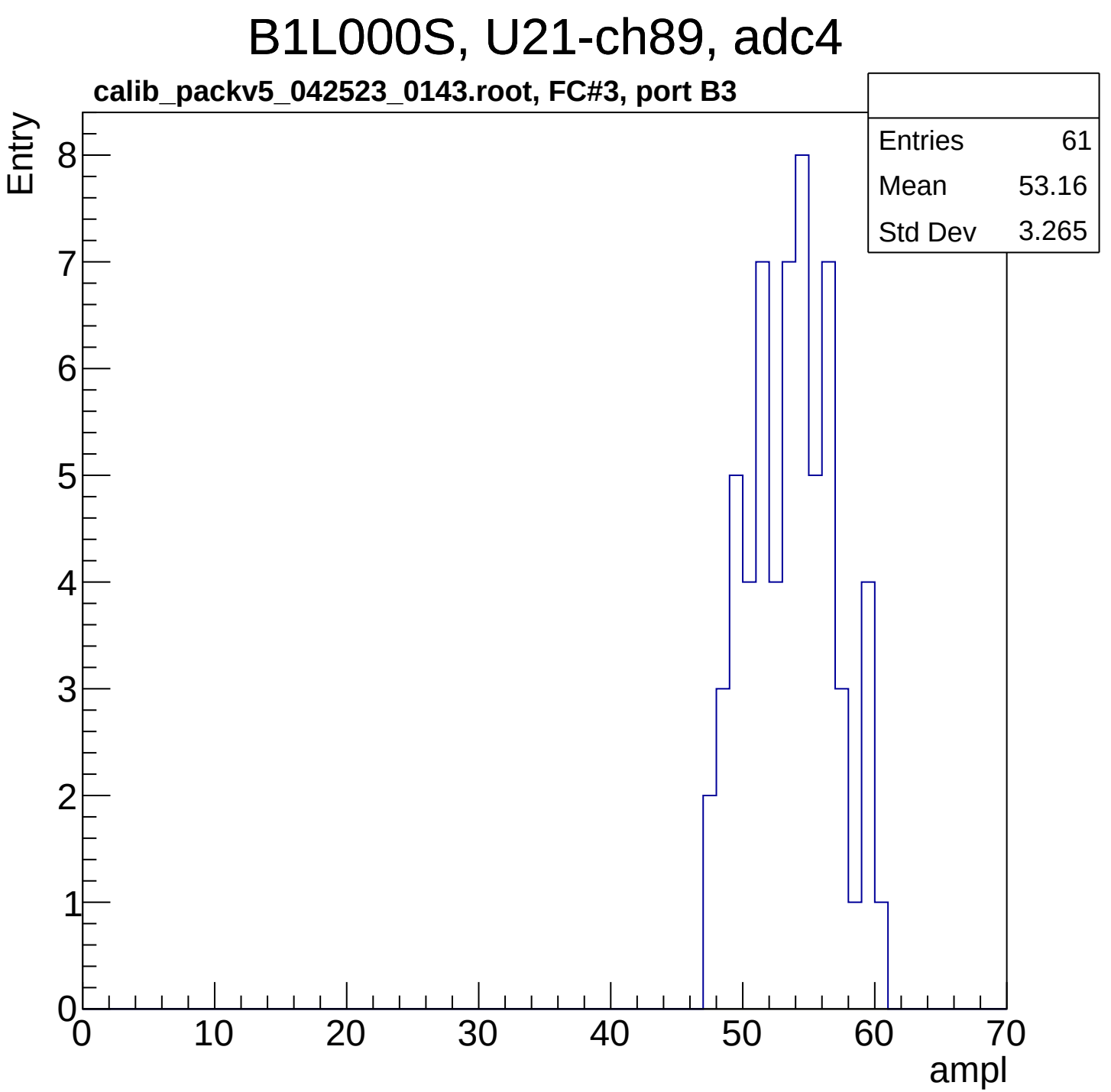

B1L000S, U21-ch88, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 36.25
Std Dev 27.19
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70

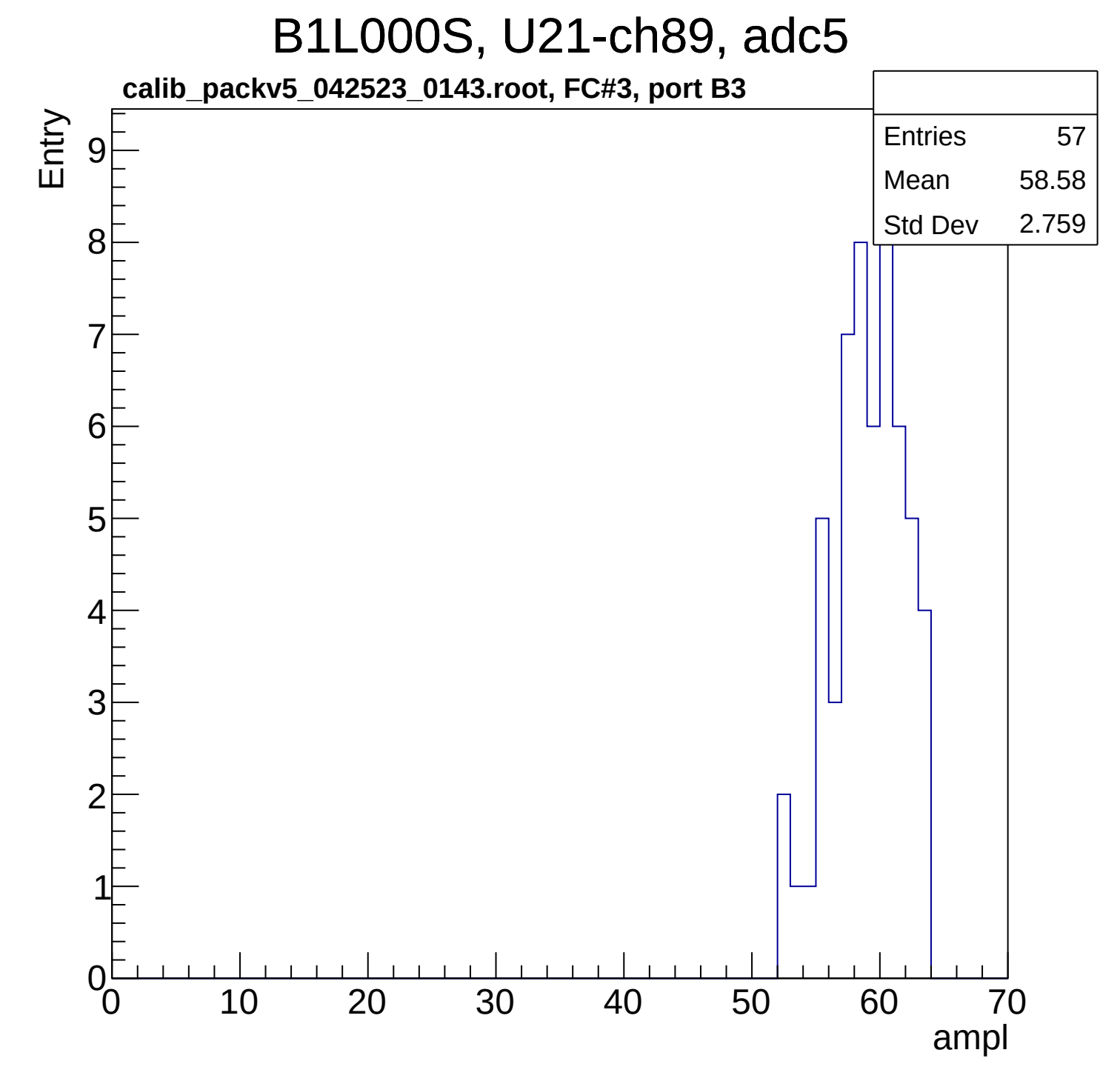

B1L000S, U21-ch89, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 28.63
Std Dev 2.864
Gaus mean : 29.3170
Gaus Width: 2.9924
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

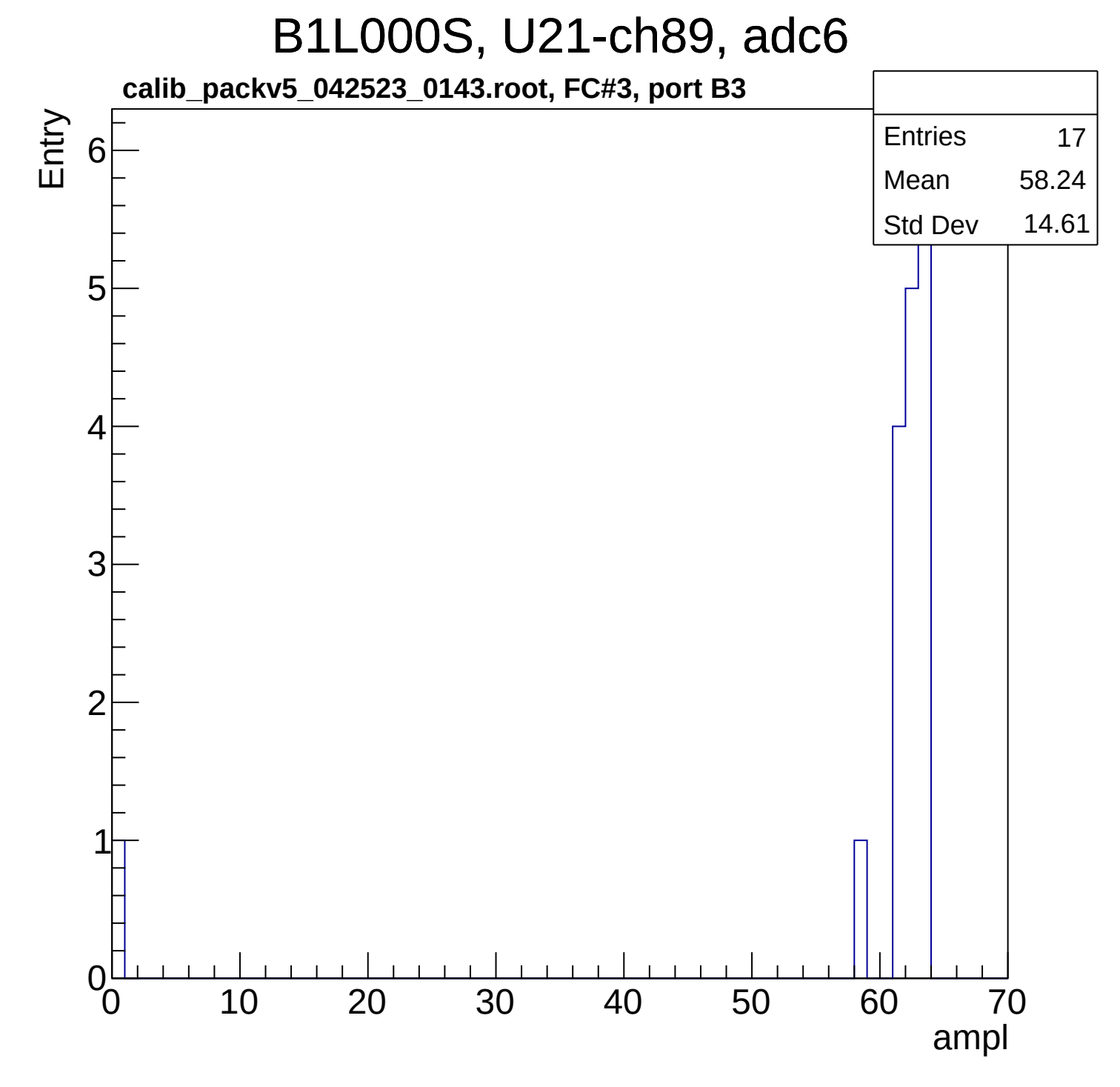

B1L000S, U21-ch89, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 34.52
Std Dev 3.053
Gaus mean : 34.8368
Gaus Width: 3.7240
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

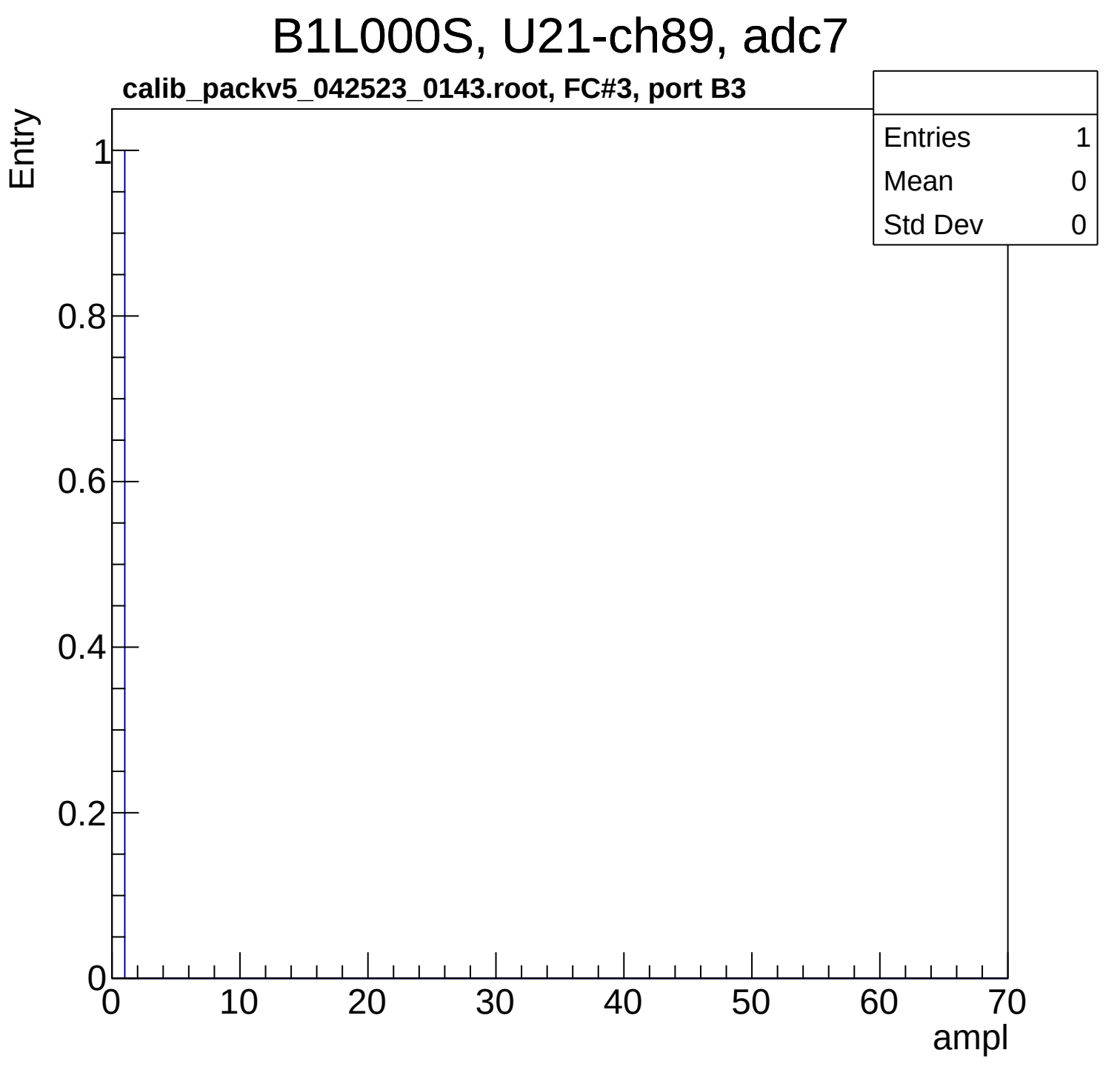

B1L000S, U21-ch89, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 39.93
Std Dev 3.182
Gaus mean : 39.6936
Gaus Width: 3.3971
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

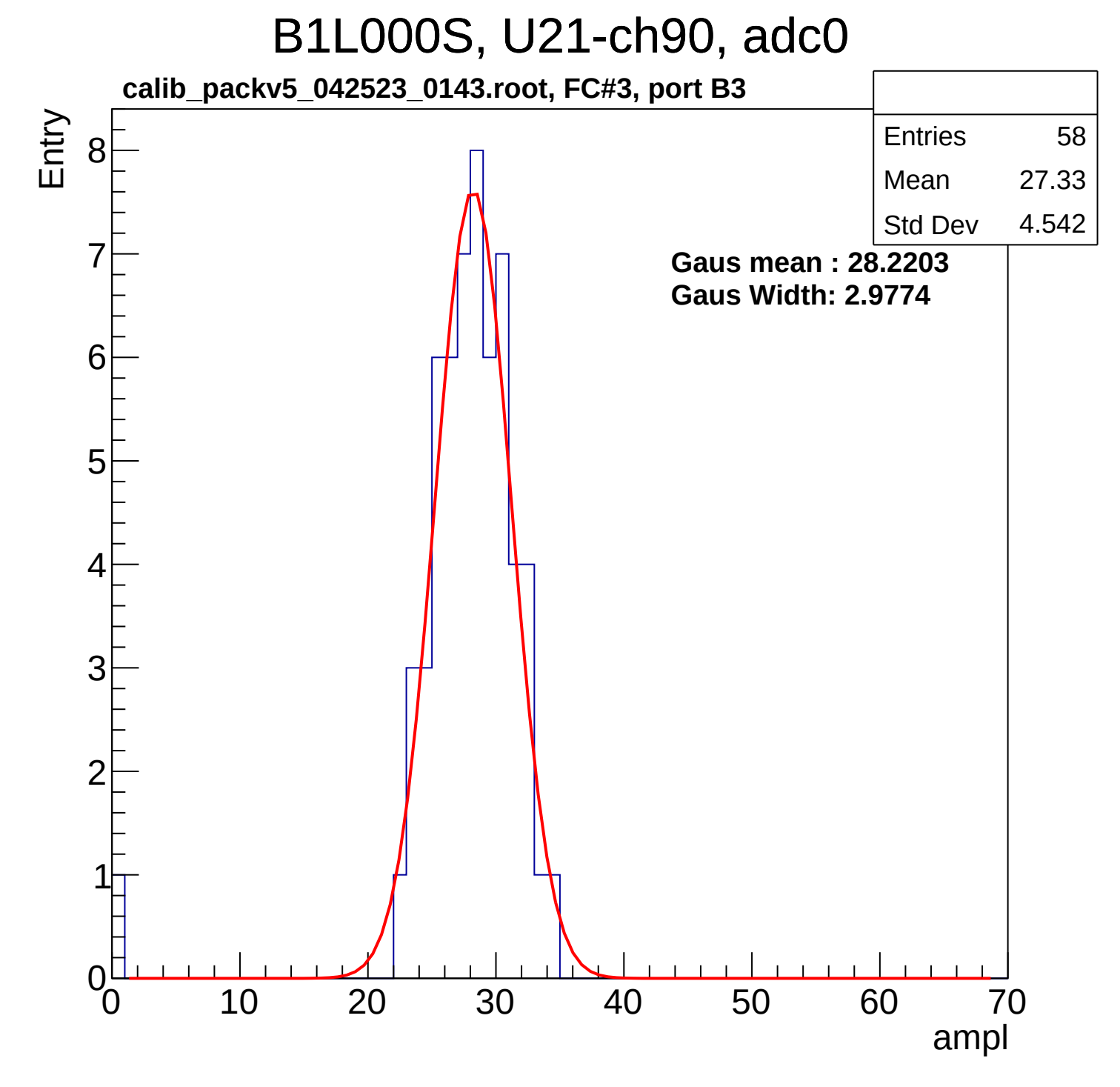

B1L000S, U21-ch89, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 46.7
Std Dev 3.31
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

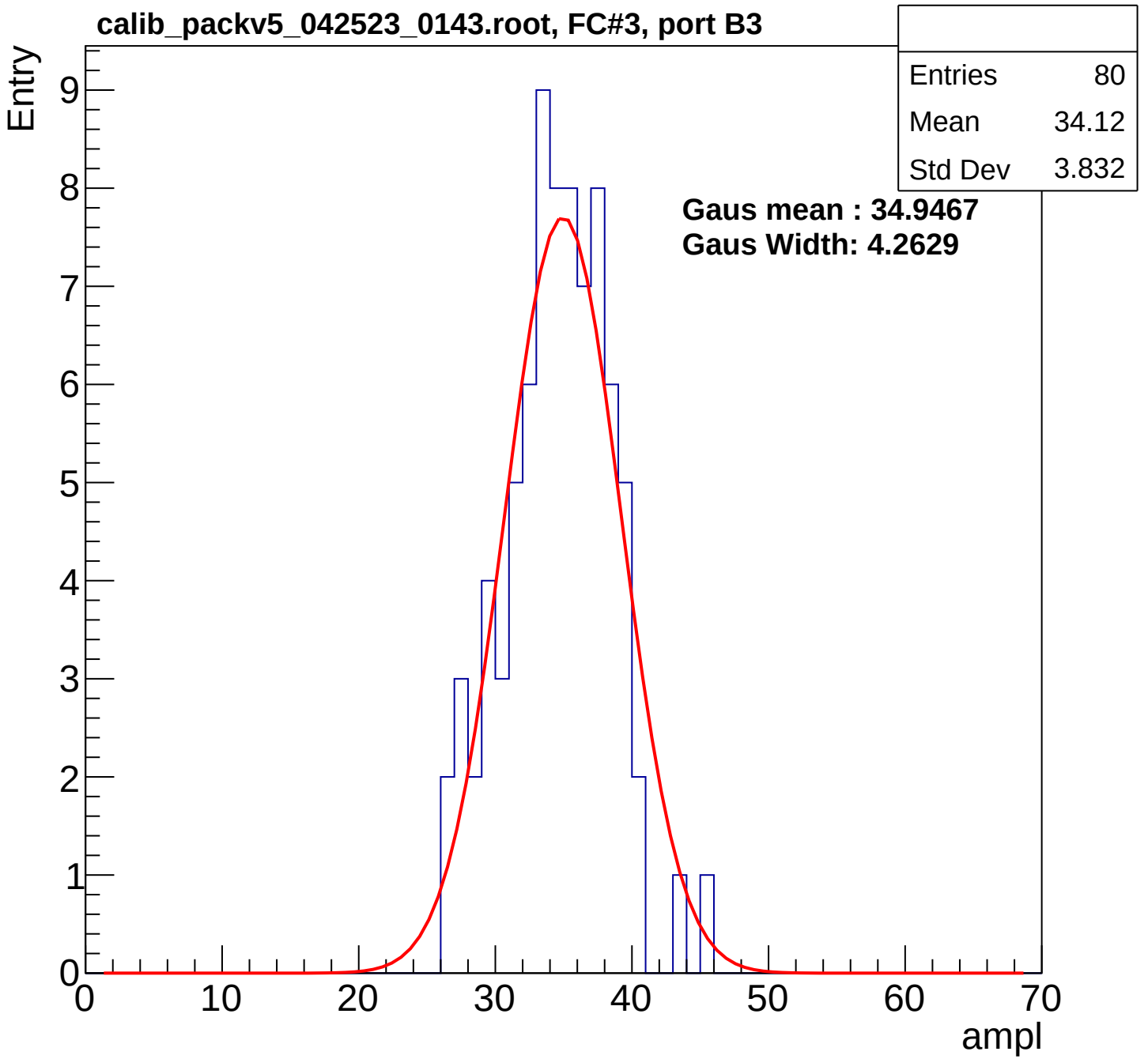

B1L000S, U21-ch89, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 53.16
Std Dev 3.265
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

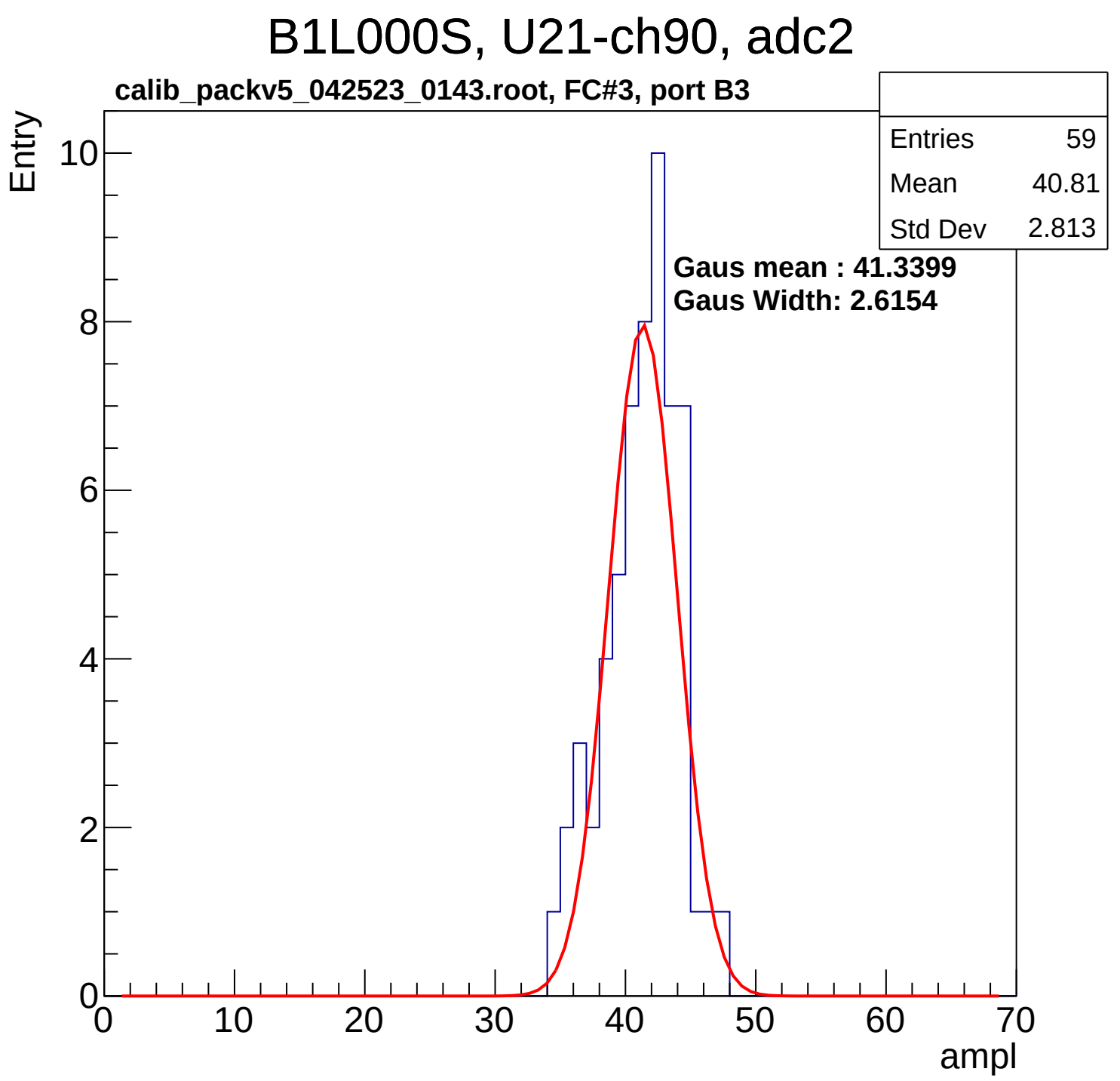

B1L000S, U21-ch89, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 58.58
Std Dev 2.759
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

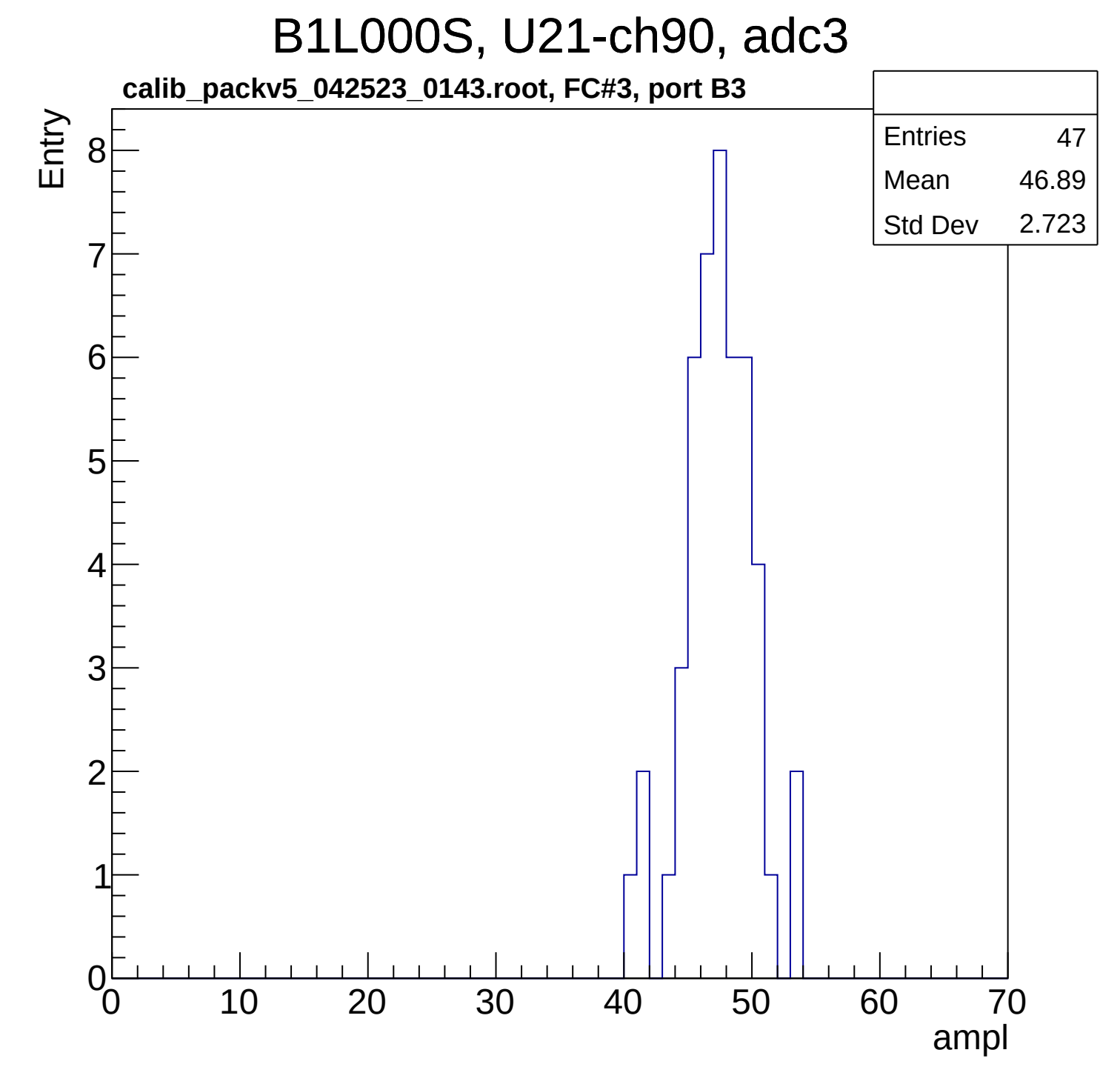

B1L000S, U21-ch89, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 58.24
Std Dev 14.61
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

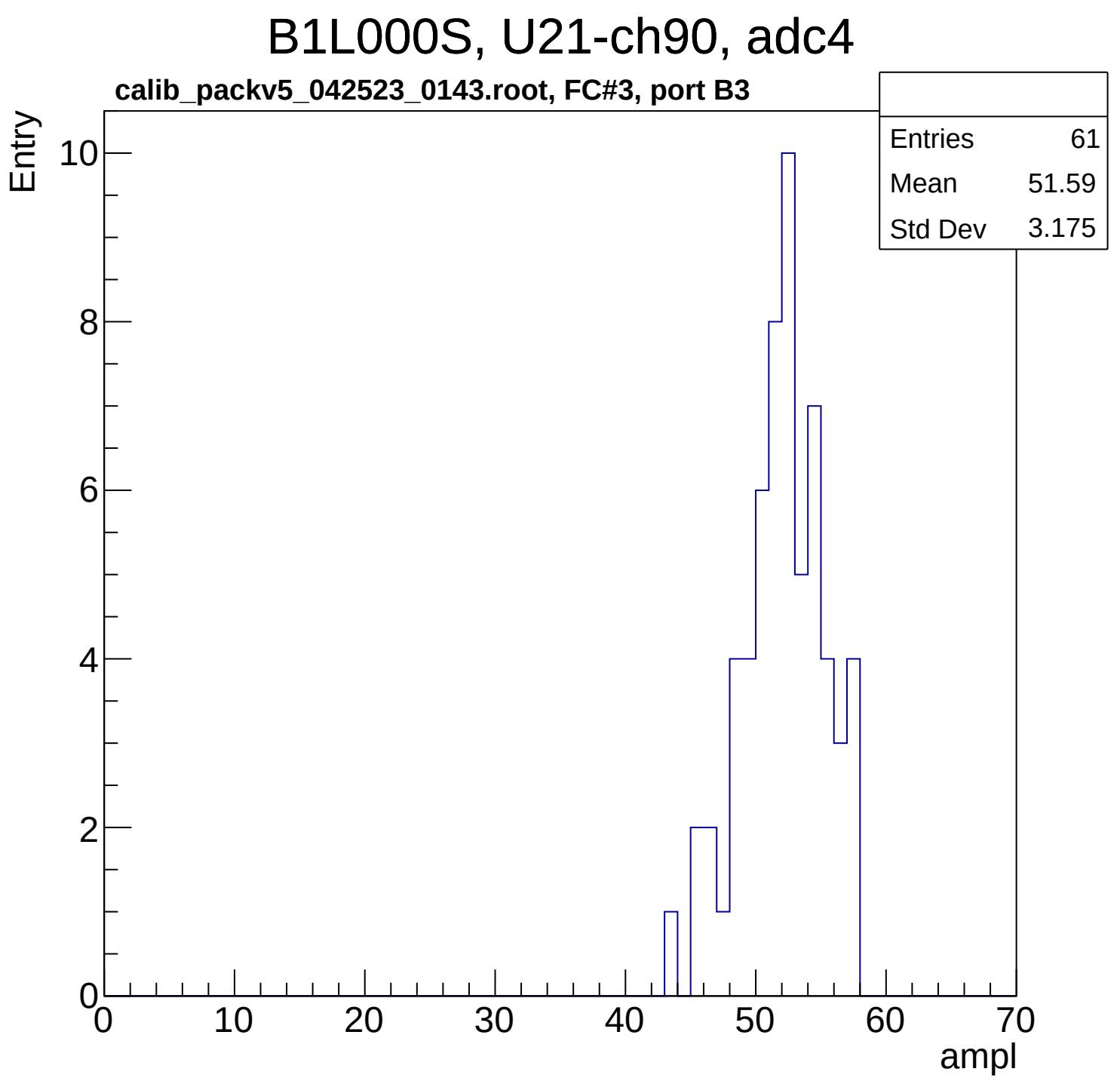

B1L000S, U21-ch89, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

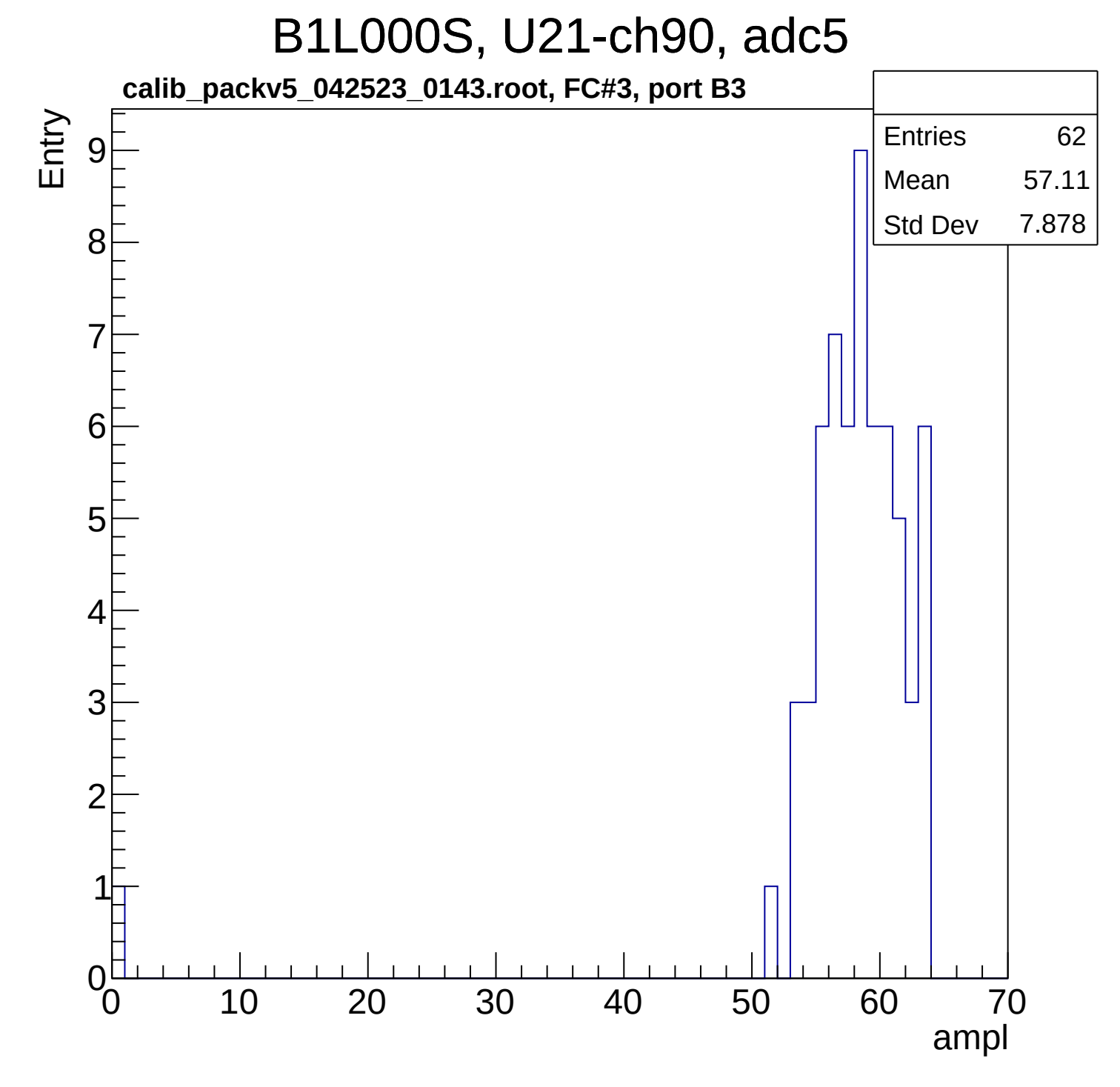

B1L000S, U21-ch90, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 27.33
Std Dev 4.542
Gaus mean : 28.2203
Gaus Width: 2.9774
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

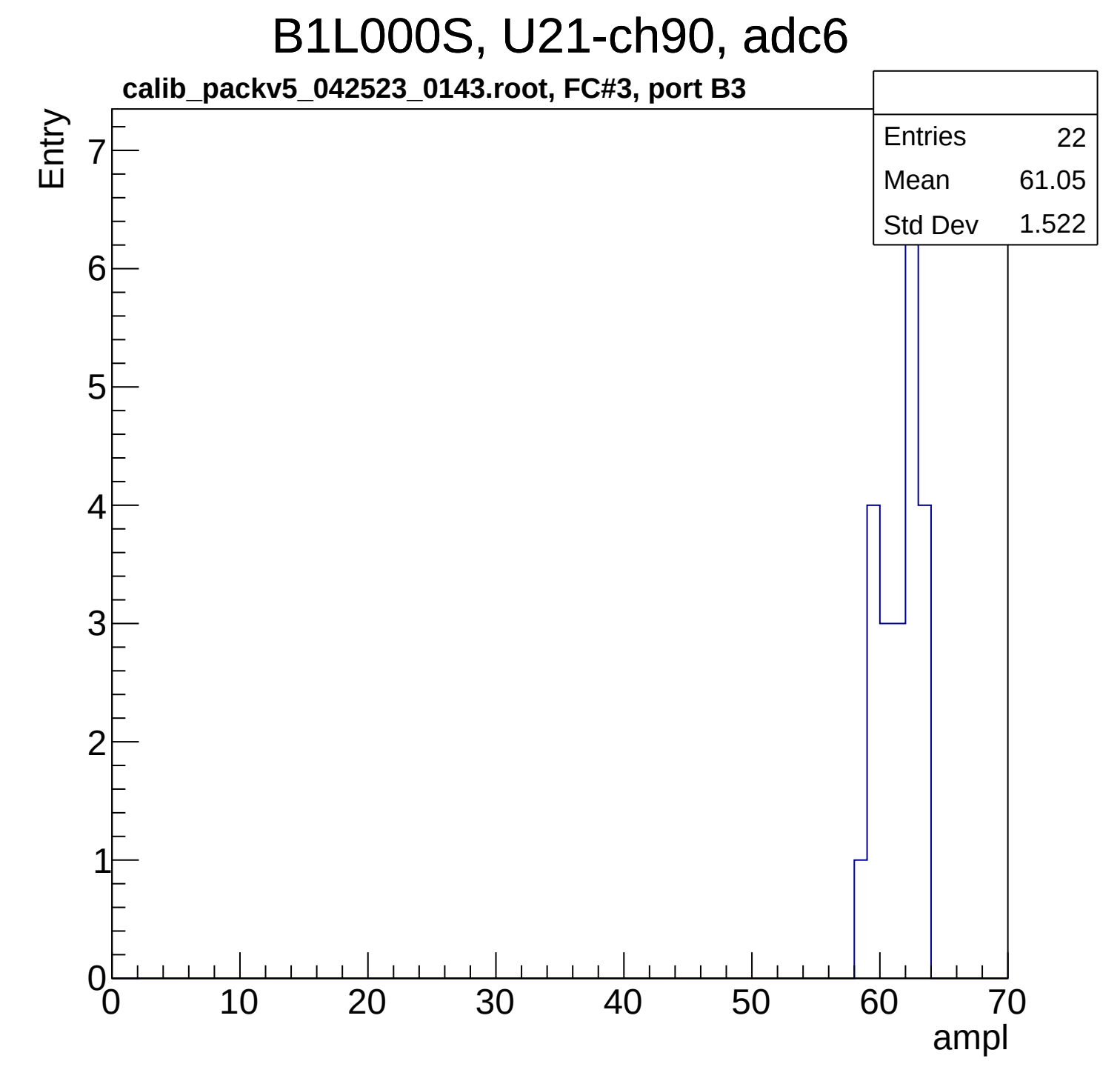

B1L000S, U21-ch90, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 80
Mean 34.12
Std Dev 3.832
Gaus mean : 34.9467
Gaus Width: 4.2629
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

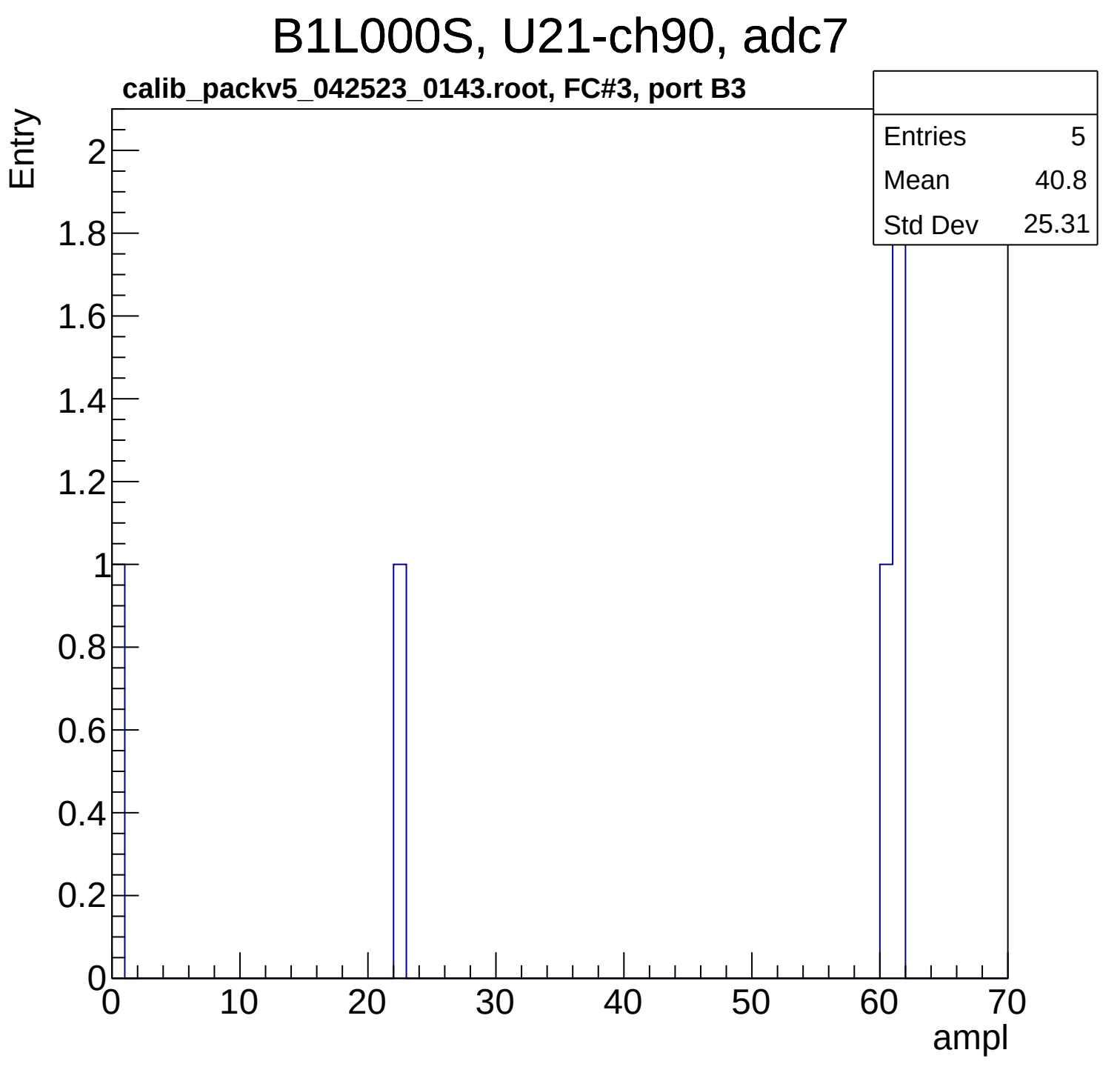

B1L000S, U21-ch90, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 40.81
Std Dev 2.813
Gaus mean : 41.3399
Gaus Width: 2.6154
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

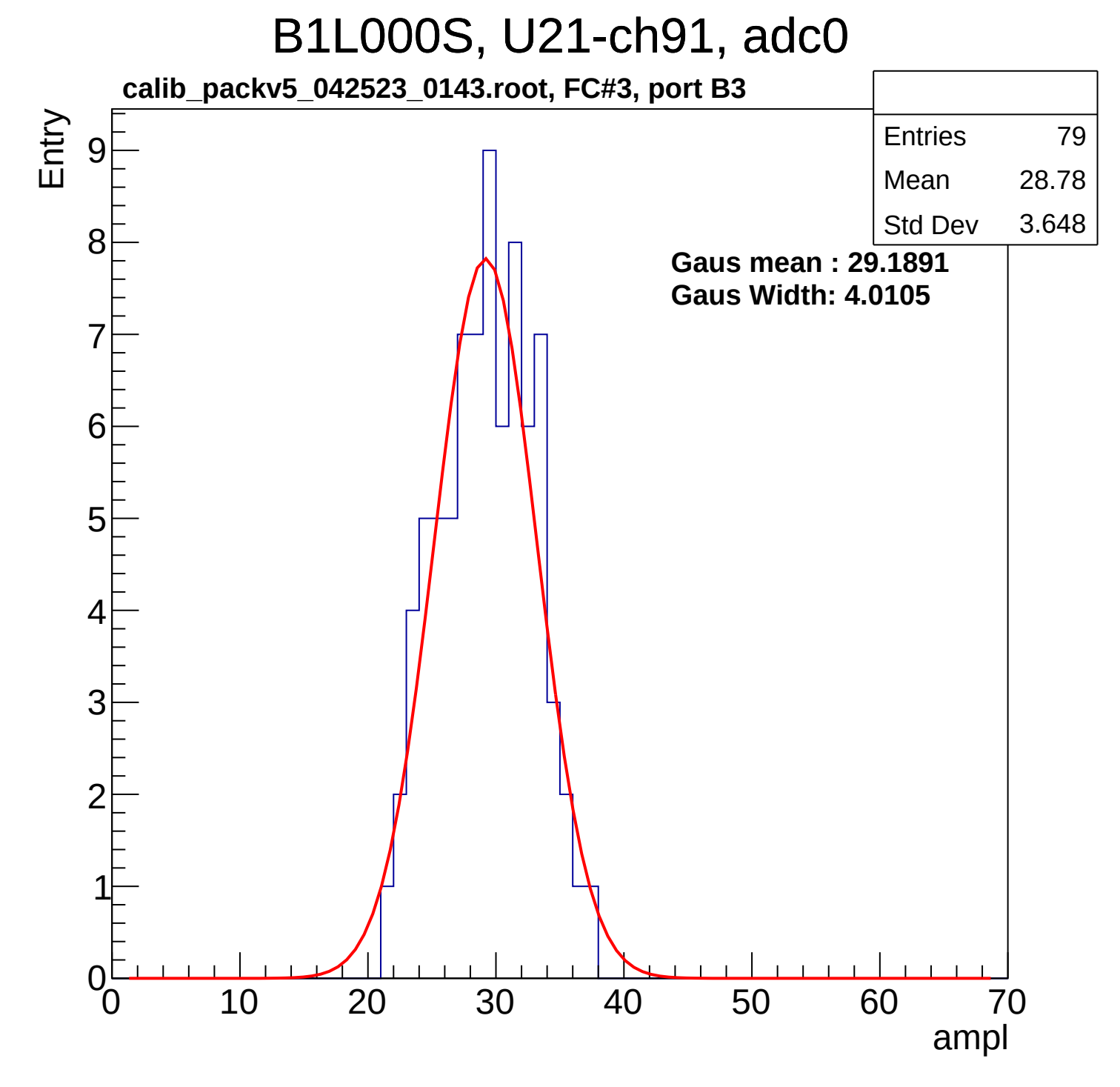

B1L000S, U21-ch90, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 46.89
Std Dev 2.723
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

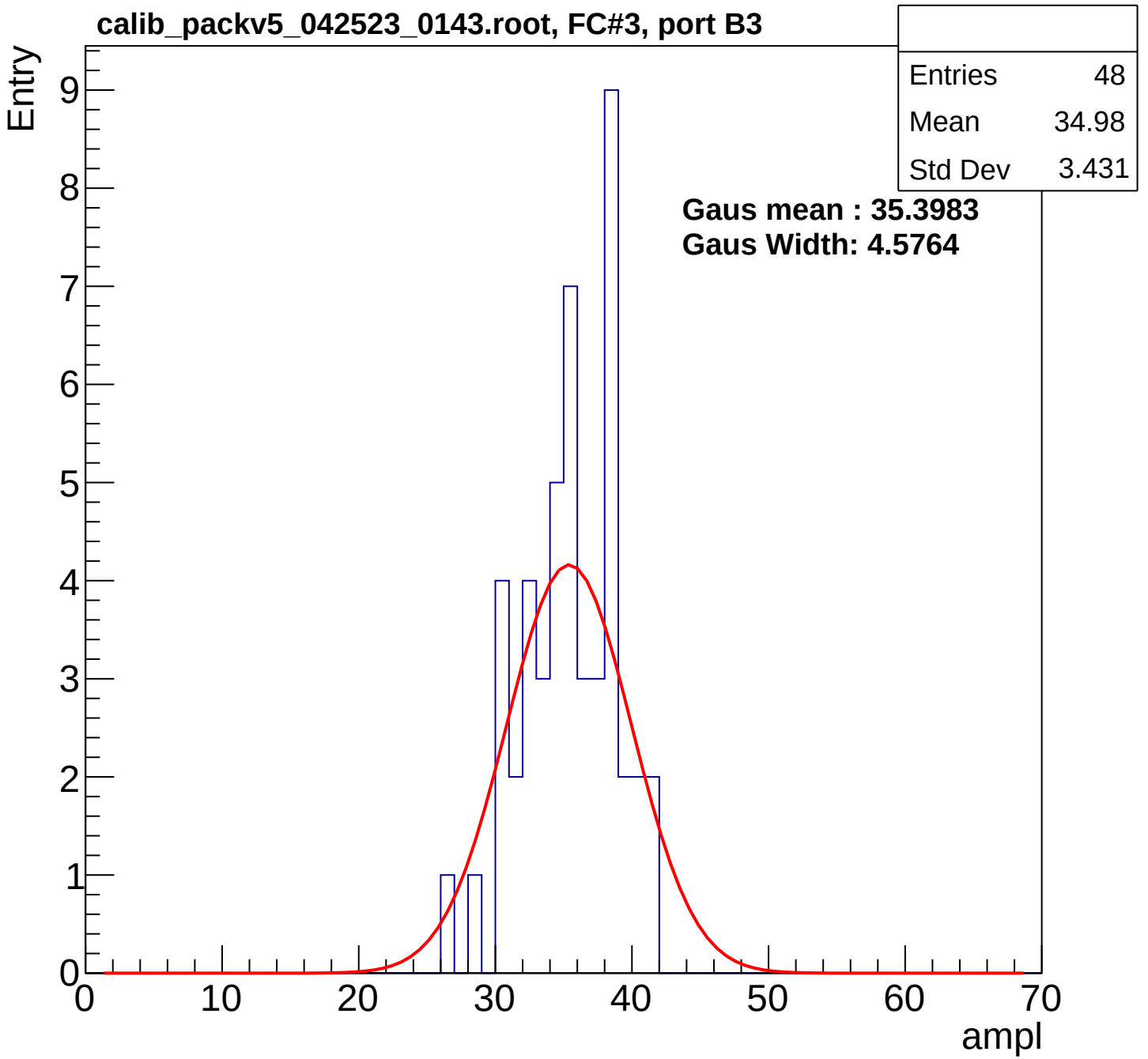

B1L000S, U21-ch90, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 51.59
Std Dev 3.175
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

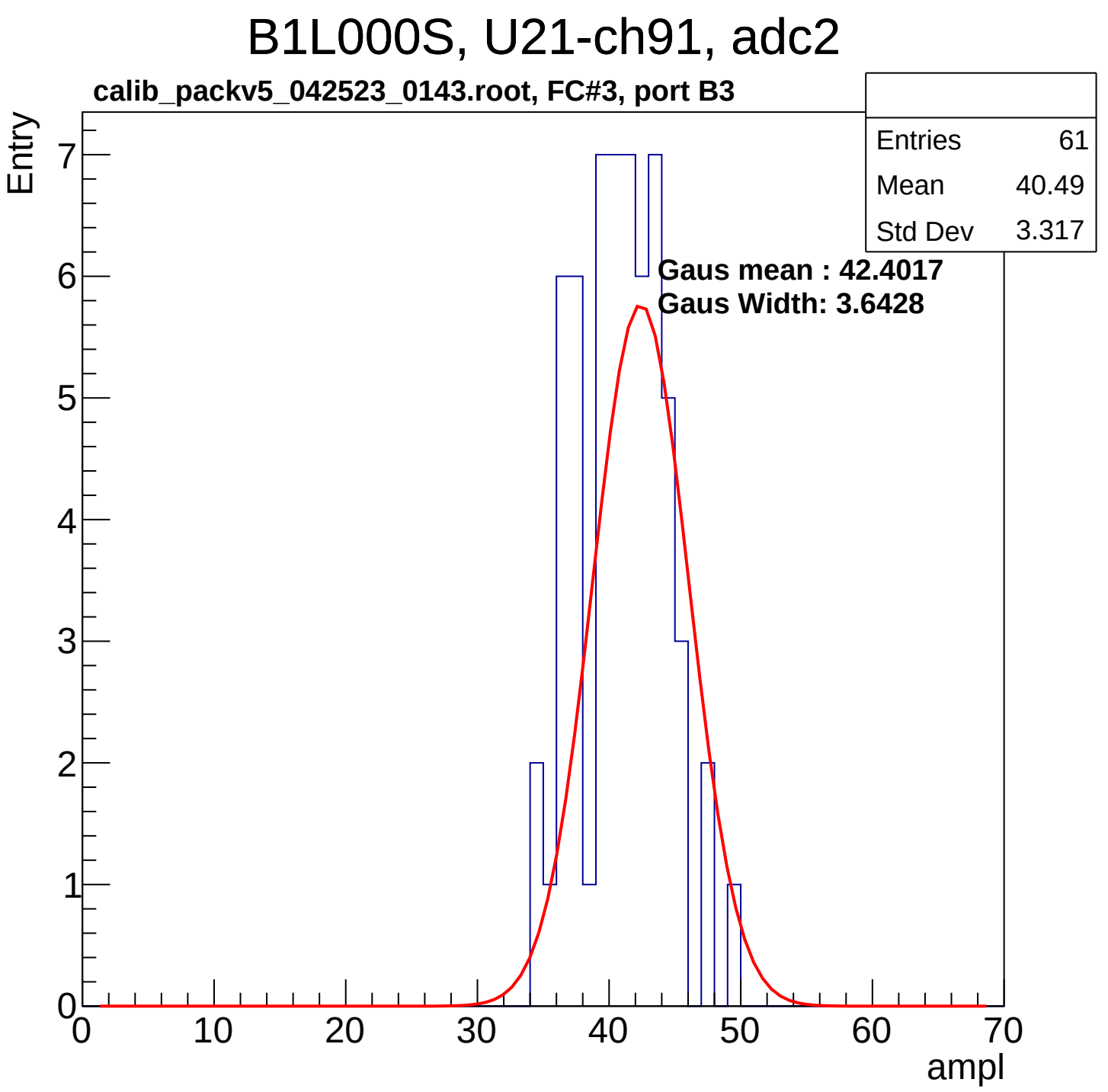

B1L000S, U21-ch90, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 57.11
Std Dev 7.878
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

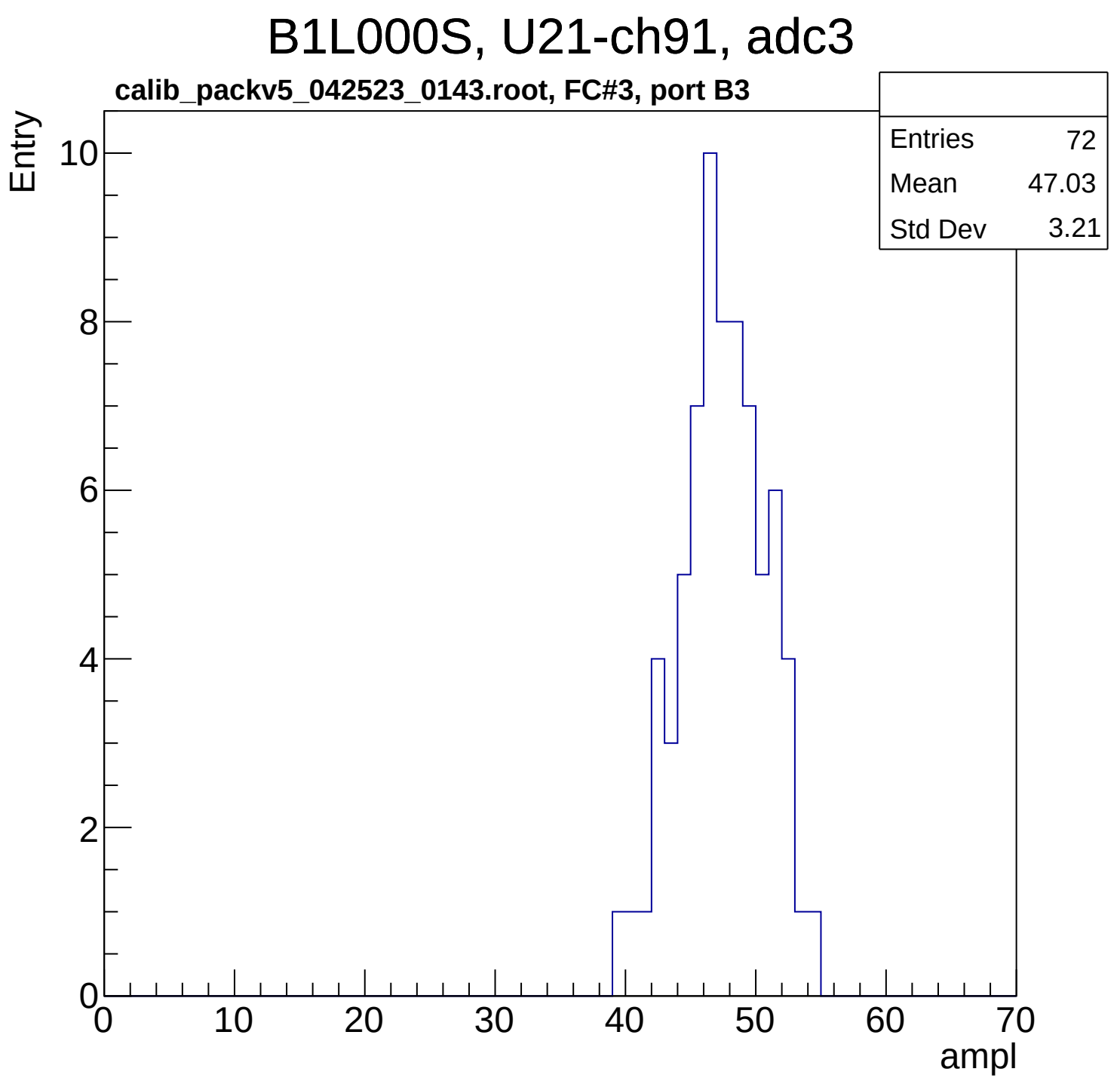

B1L000S, U21-ch90, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 22
Mean 61.05
Std Dev 1.522
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

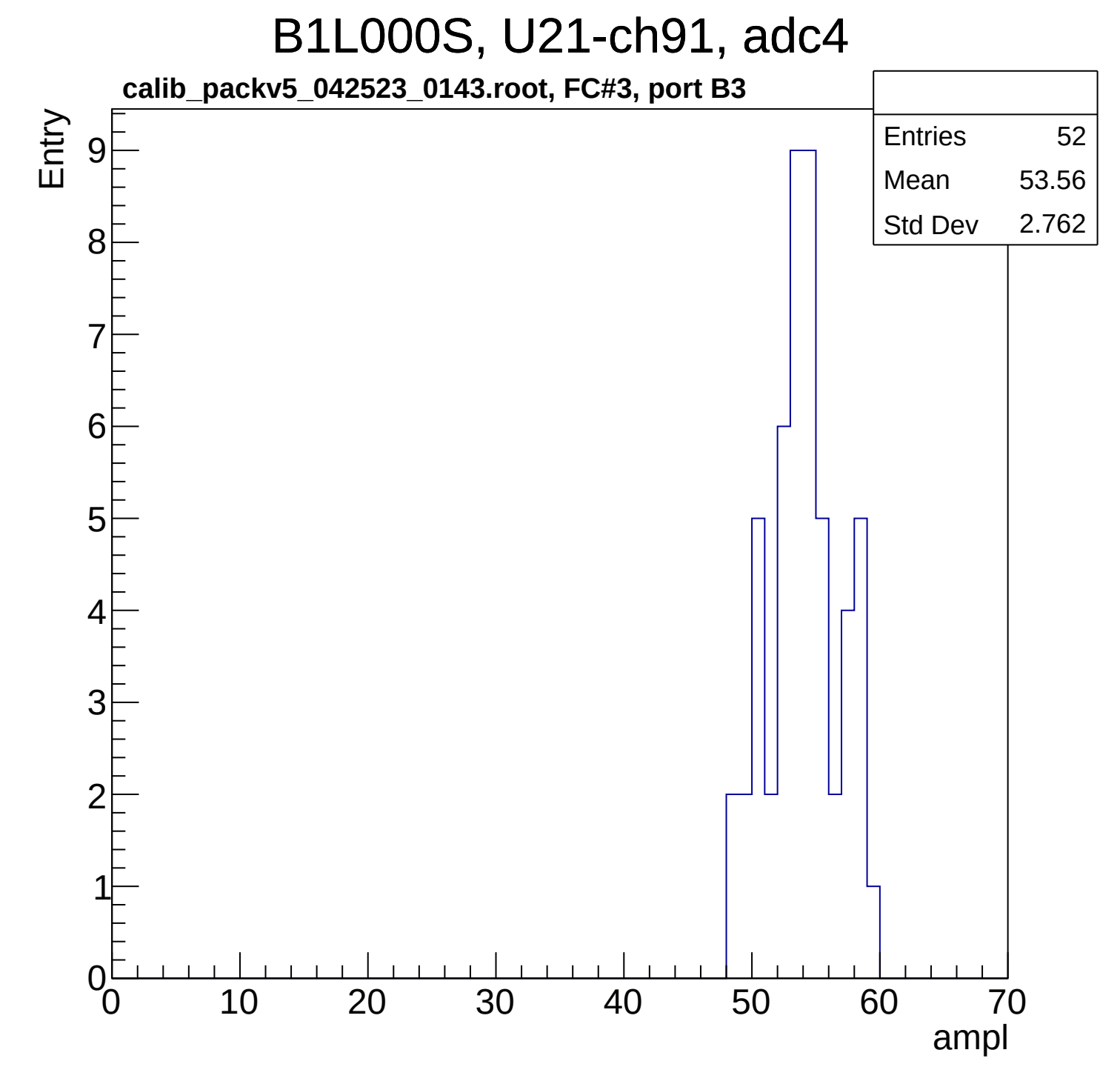

B1L000S, U21-ch90, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 40.8
Std Dev 25.31
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

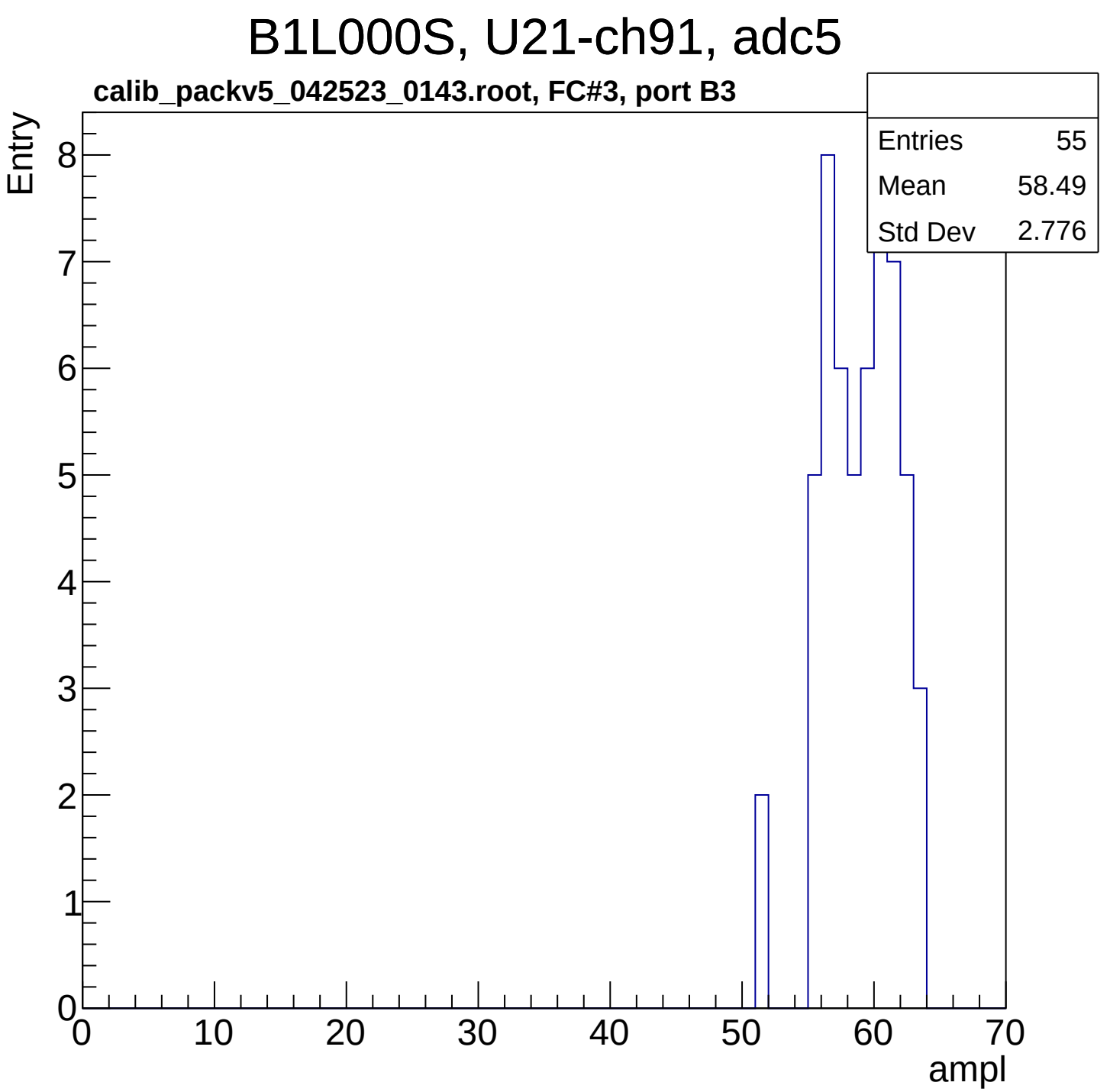

B1L000S, U21-ch91, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 28.78
Std Dev 3.648
Gaus mean : 29.1891
Gaus Width: 4.0105
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

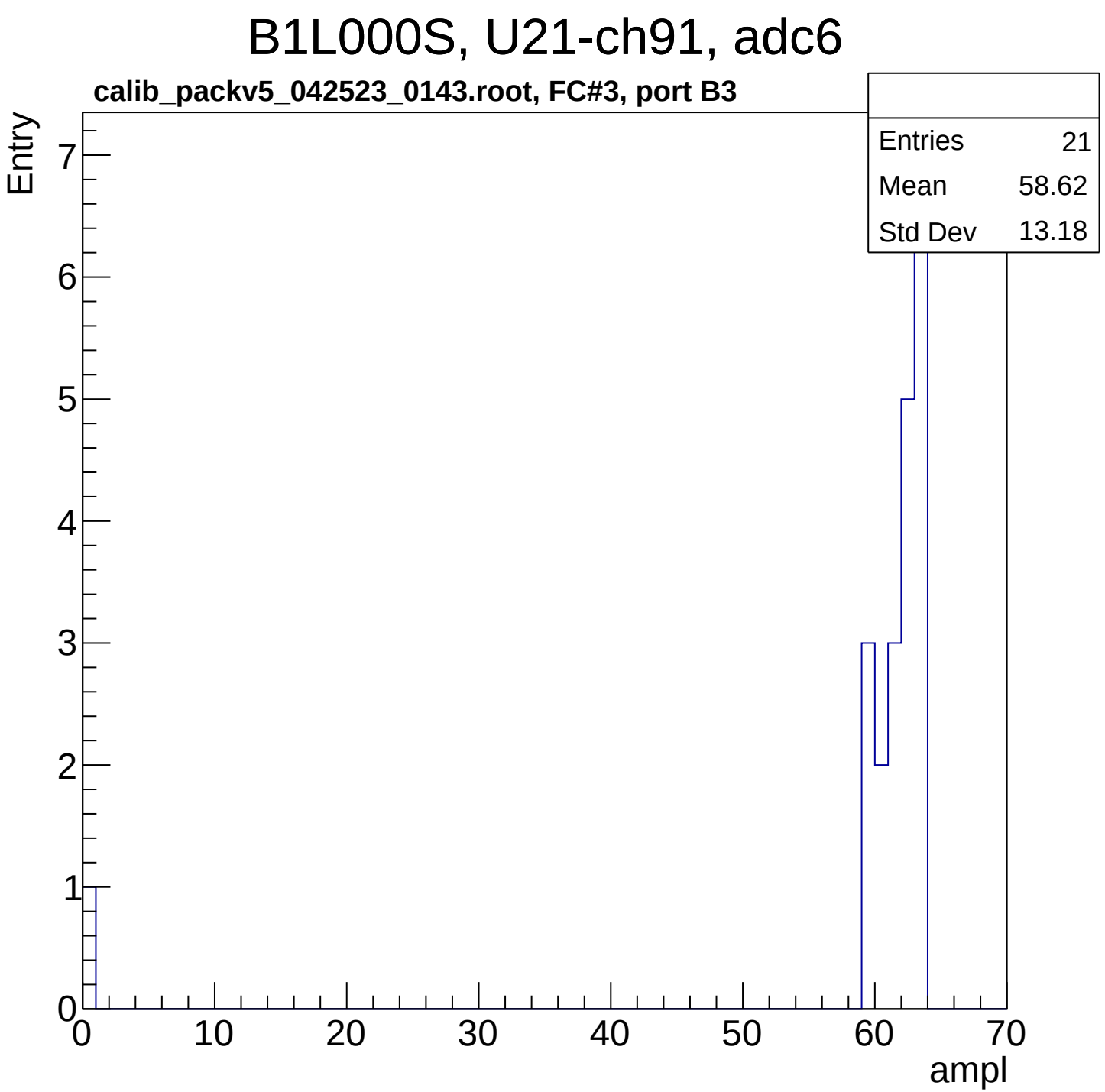

B1L000S, U21-ch91, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 34.98
Std Dev 3.431
Gaus mean : 35.3983
Gaus Width: 4.5764
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

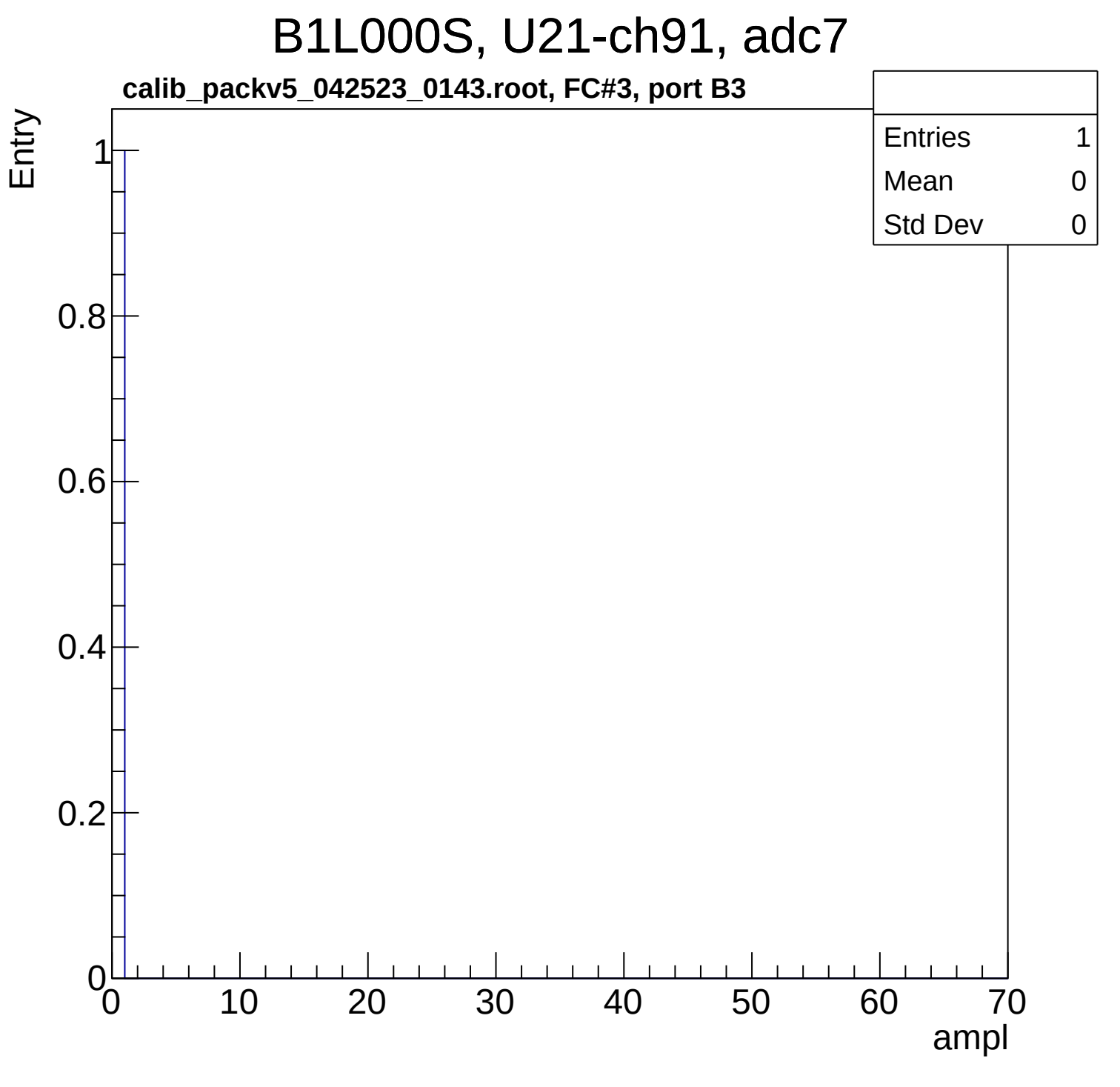

B1L000S, U21-ch91, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 40.49
Std Dev 3.317
Gaus mean : 42.4017
Gaus Width: 3.6428
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

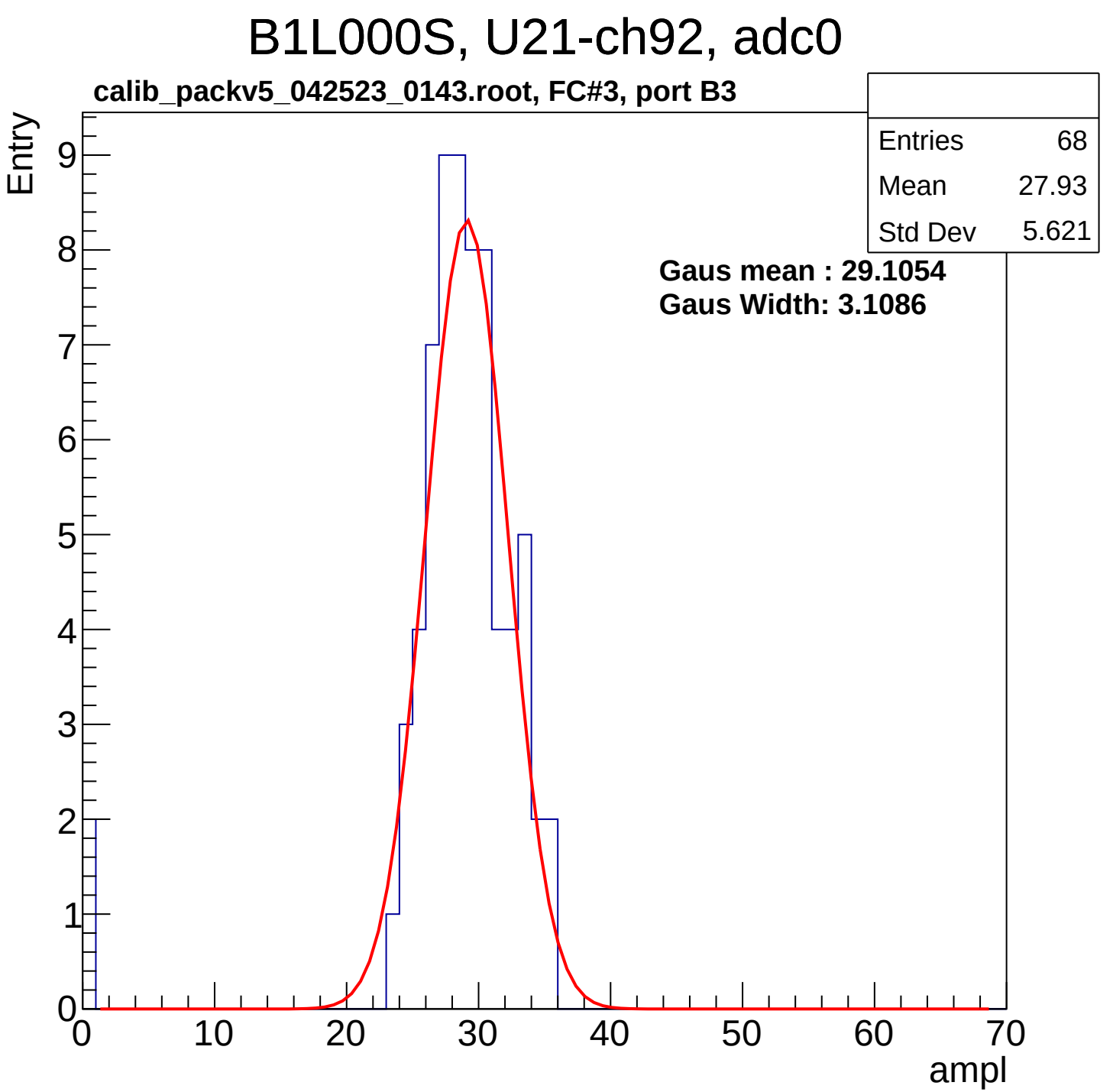

B1L000S, U21-ch91, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 47.03
Std Dev 3.21
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

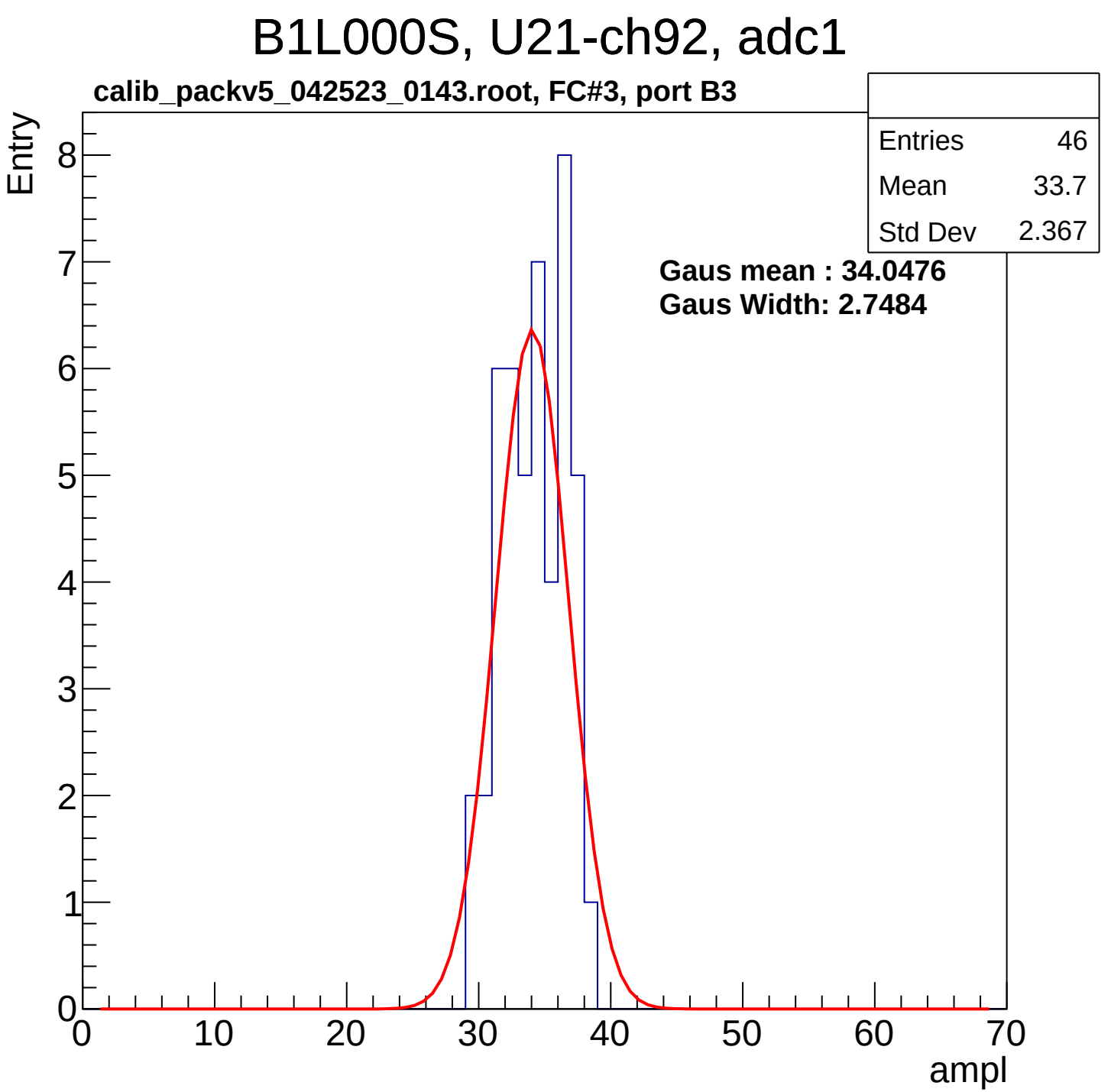

B1L000S, U21-ch91, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 53.56
Std Dev 2.762
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

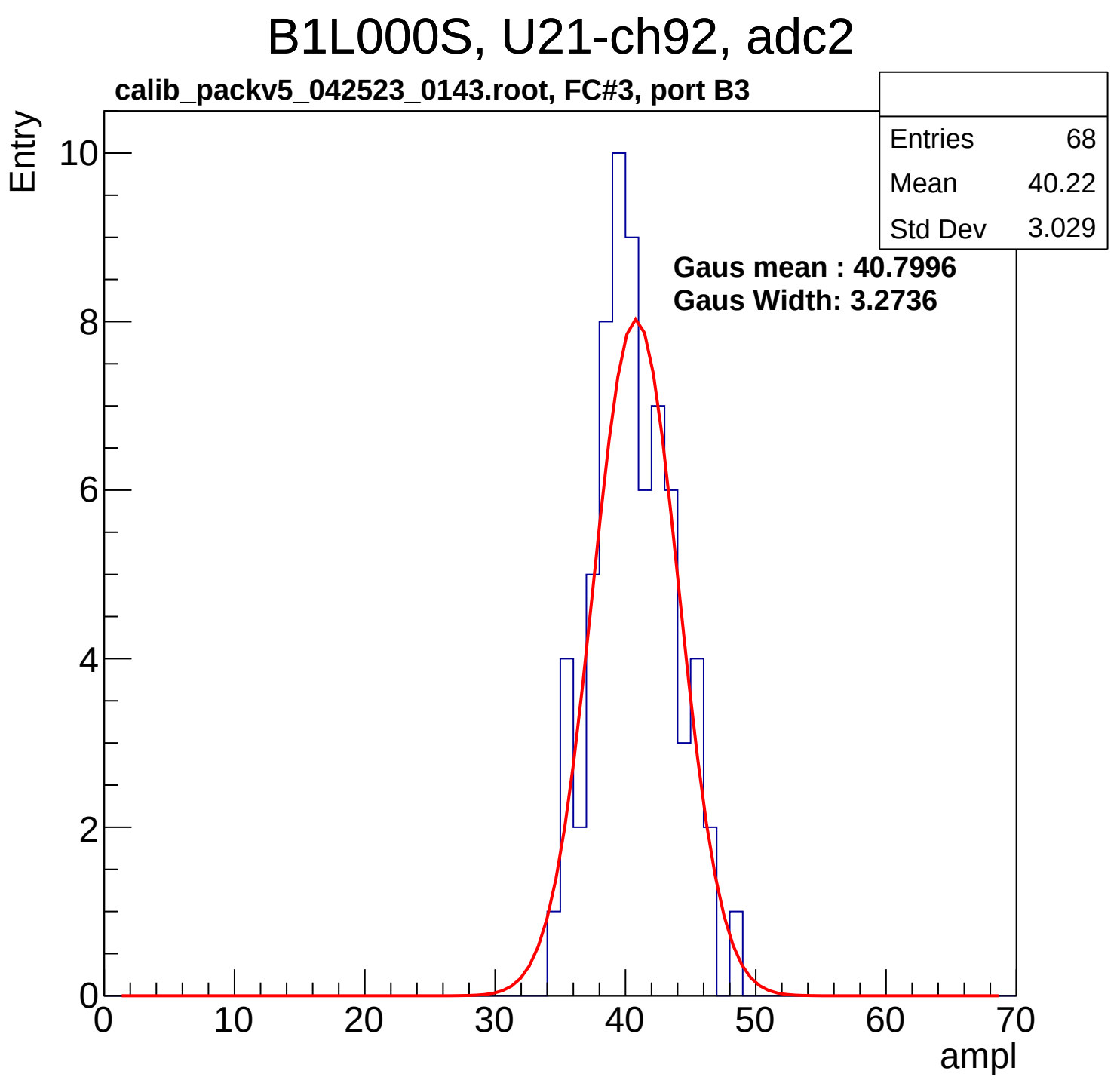

B1L000S, U21-ch91, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 58.49
Std Dev 2.776
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

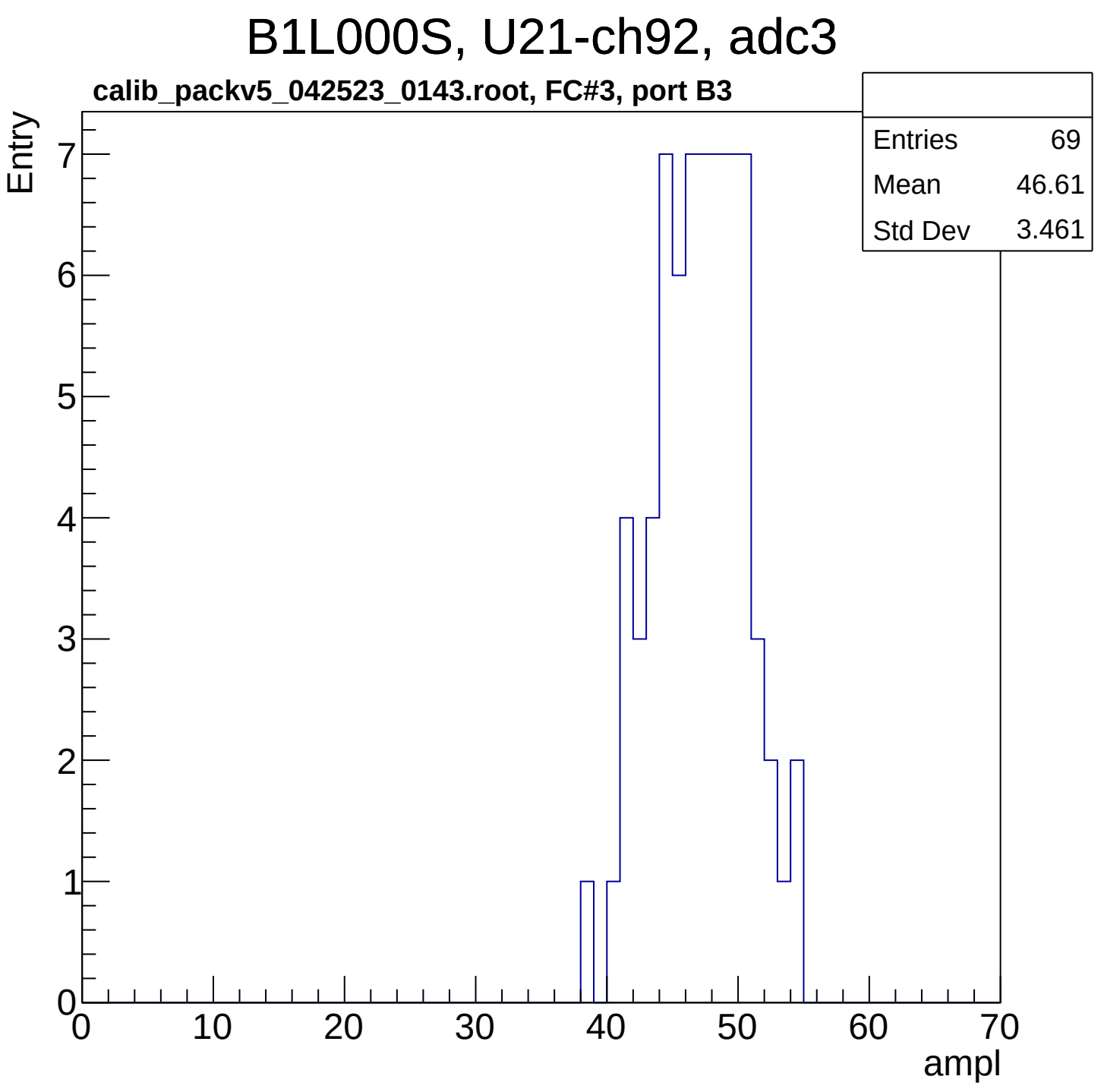

B1L000S, U21-ch91, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 21
Mean 58.62
Std Dev 13.18
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

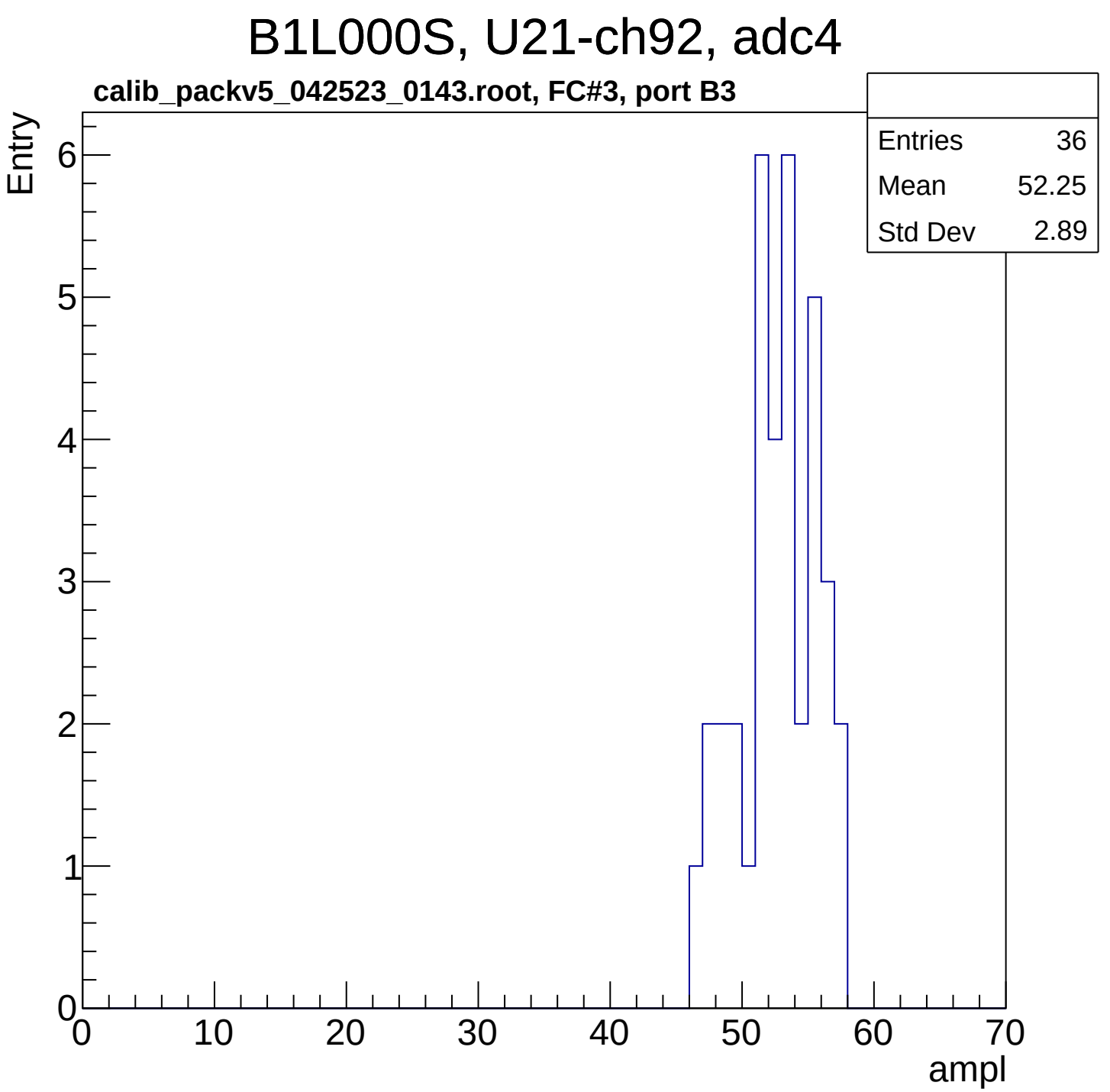

B1L000S, U21-ch91, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

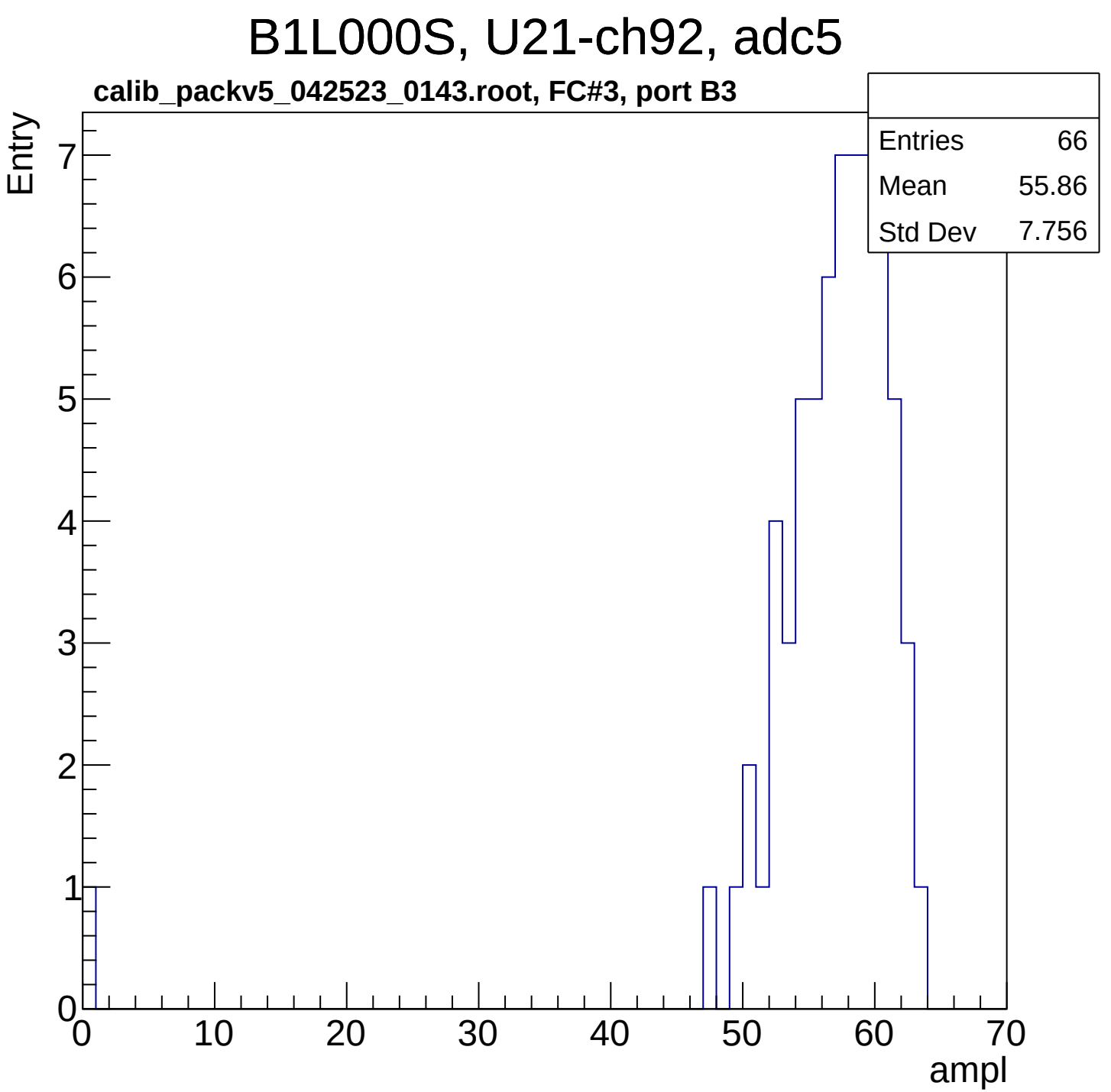

B1L000S, U21-ch92, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 27.93
Std Dev 5.621
Gaus mean : 29.1054
Gaus Width: 3.1086
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

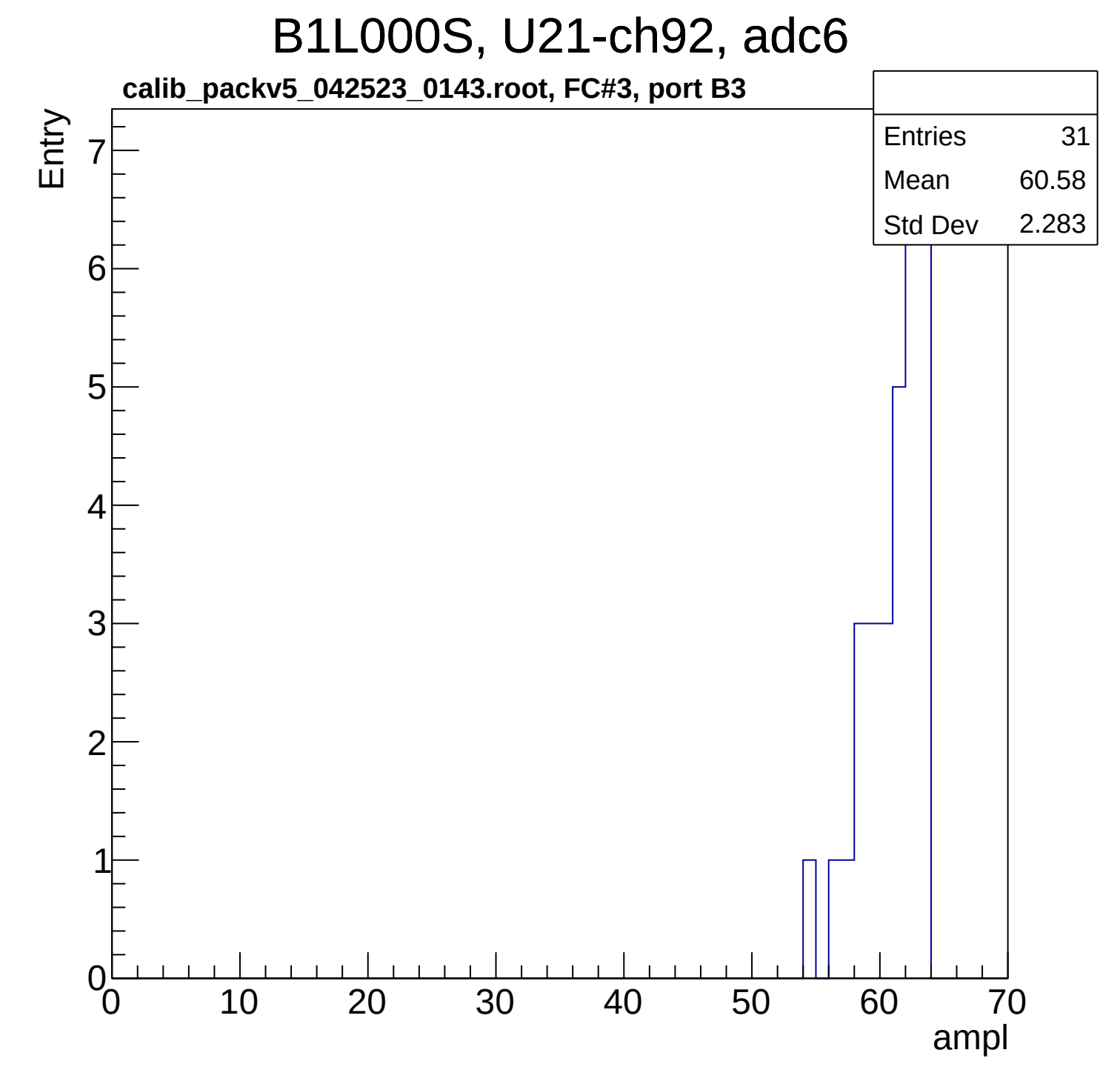

B1L000S, U21-ch92, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 33.7
Std Dev 2.367
Gaus mean : 34.0476
Gaus Width: 2.7484
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

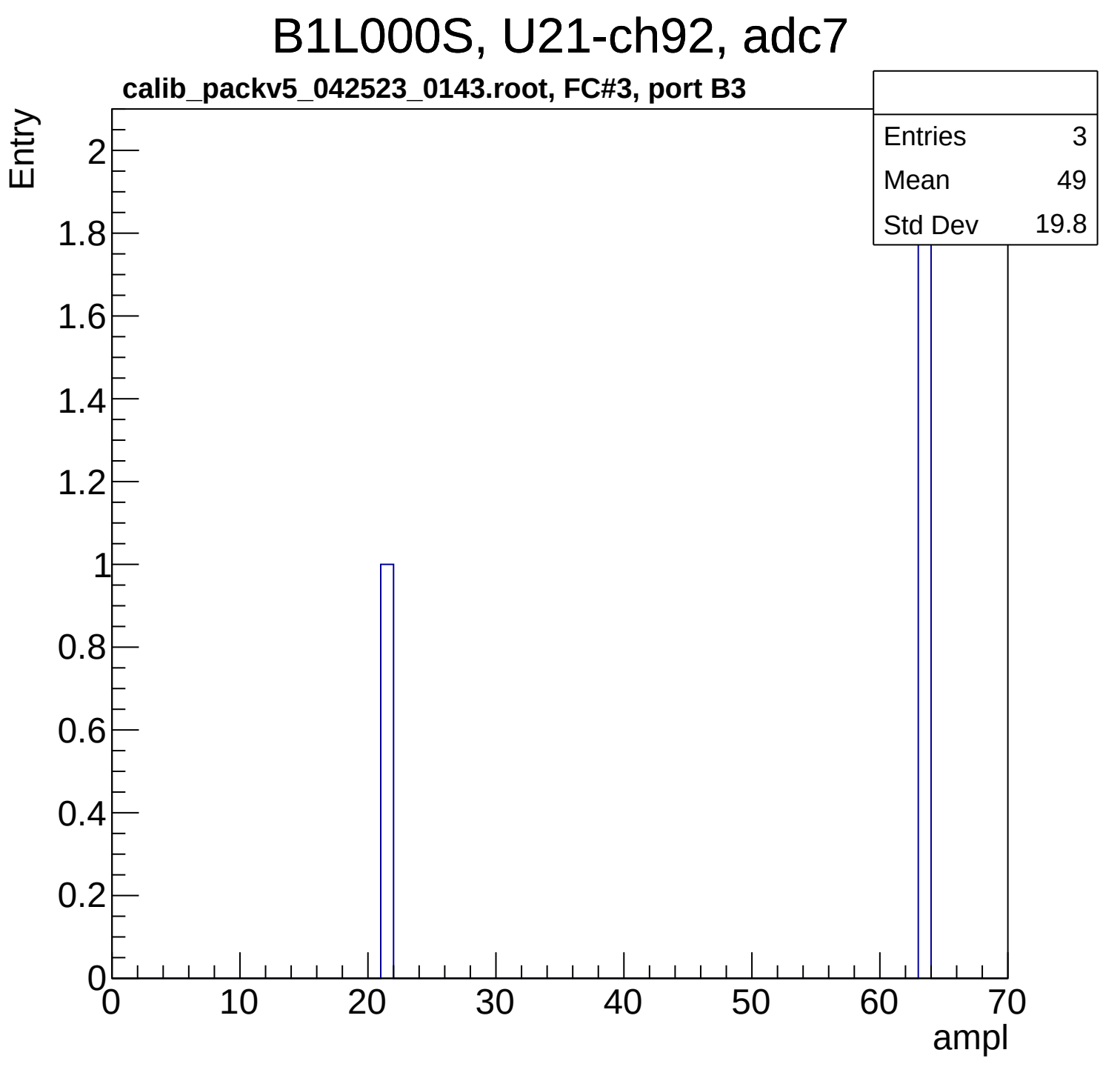

B1L000S, U21-ch92, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 40.22
Std Dev 3.029
Gaus mean : 40.7996
Gaus Width: 3.2736
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

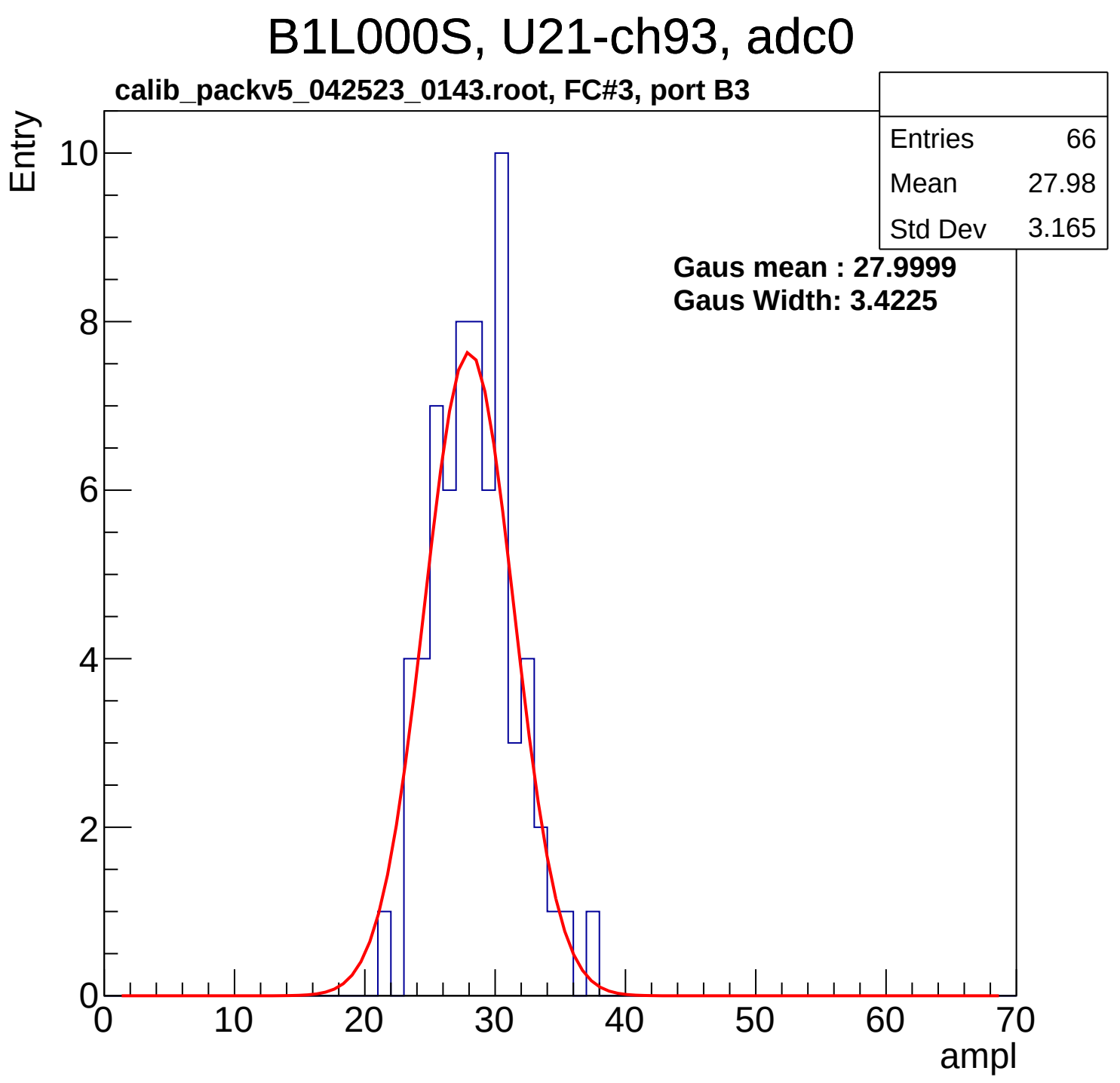

B1L000S, U21-ch92, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 46.61
Std Dev 3.461
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

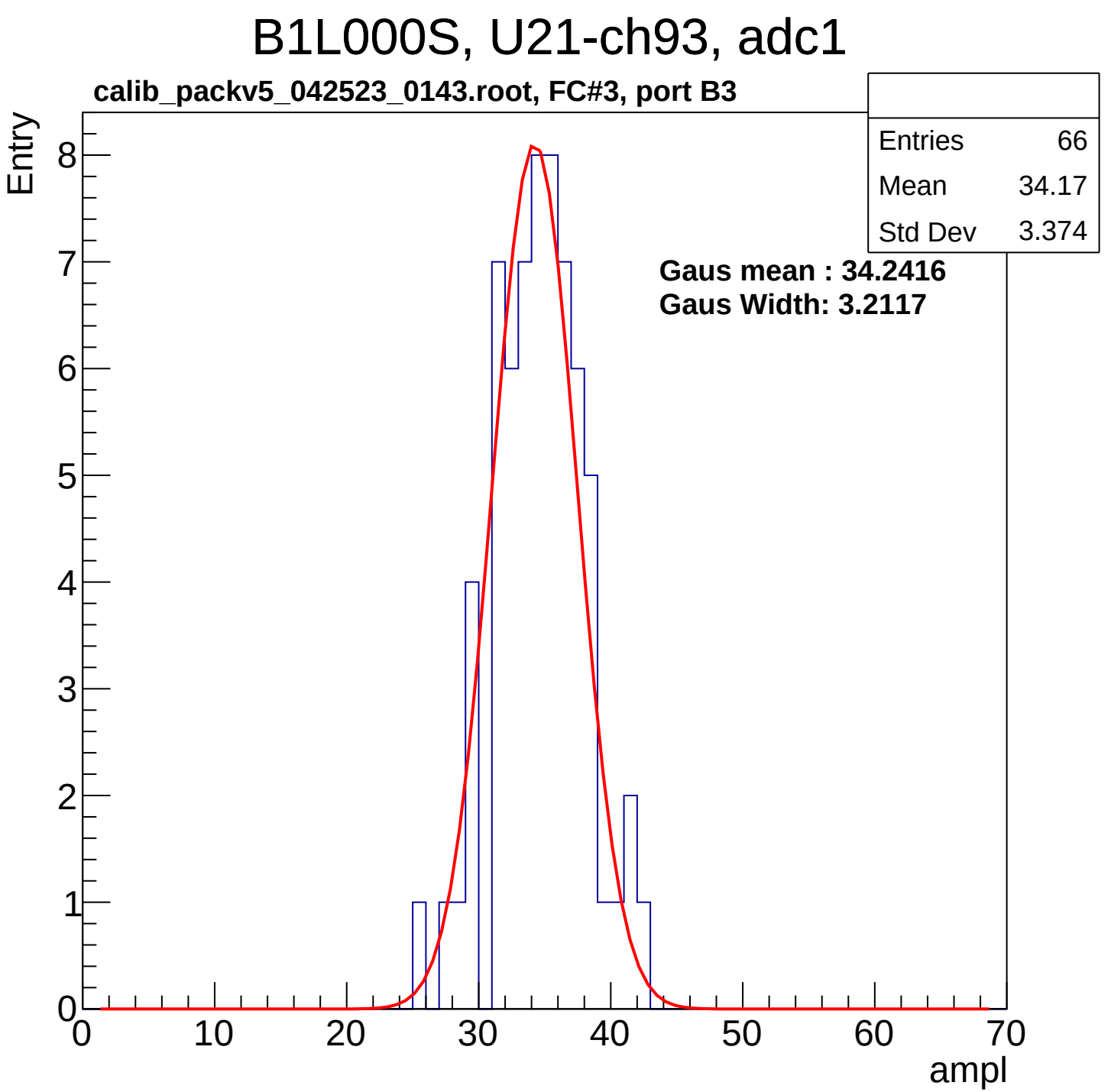

B1L000S, U21-ch92, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 36
Mean 52.25
Std Dev 2.89
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

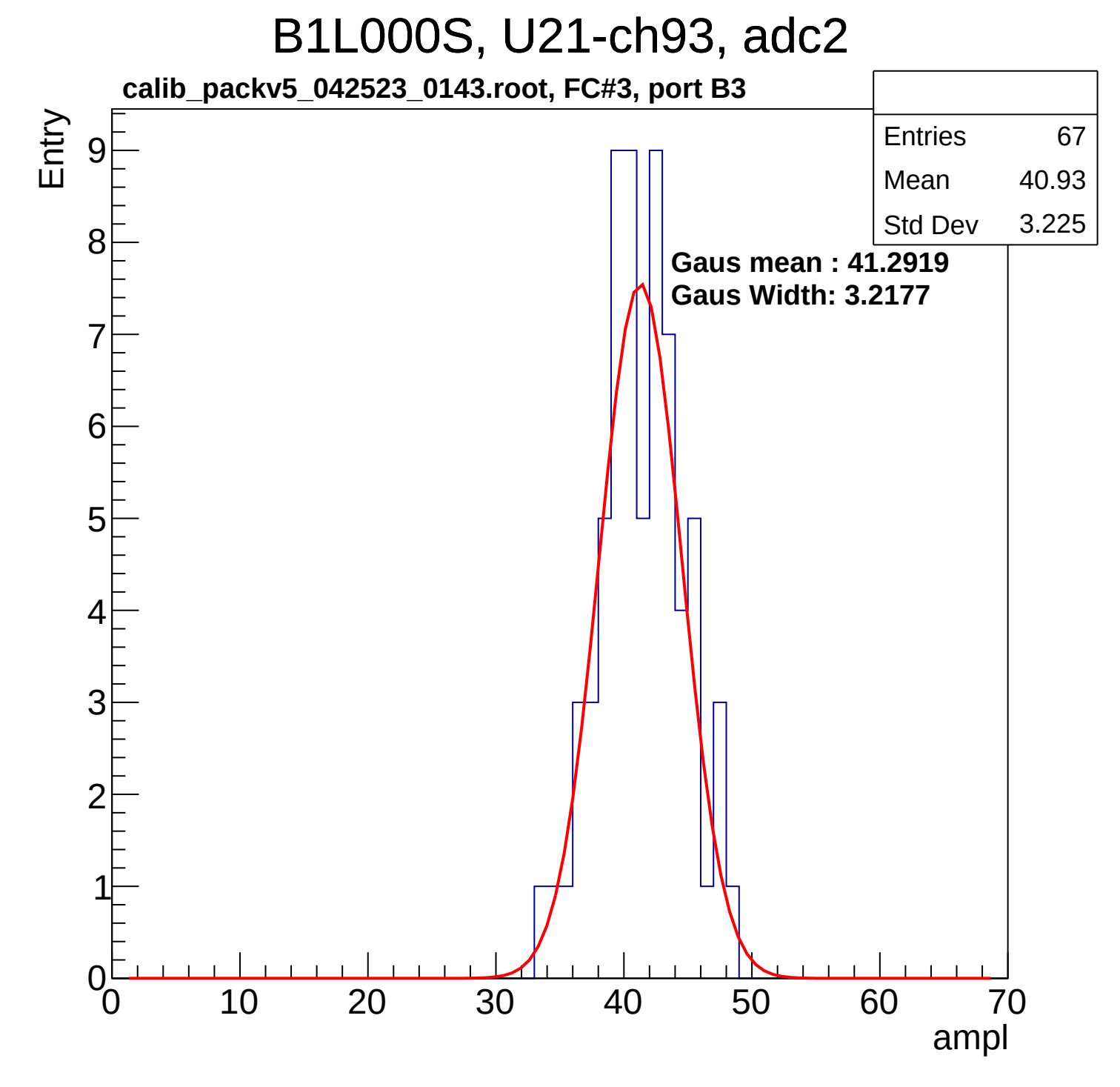

B1L000S, U21-ch92, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 55.86
Std Dev 7.756
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

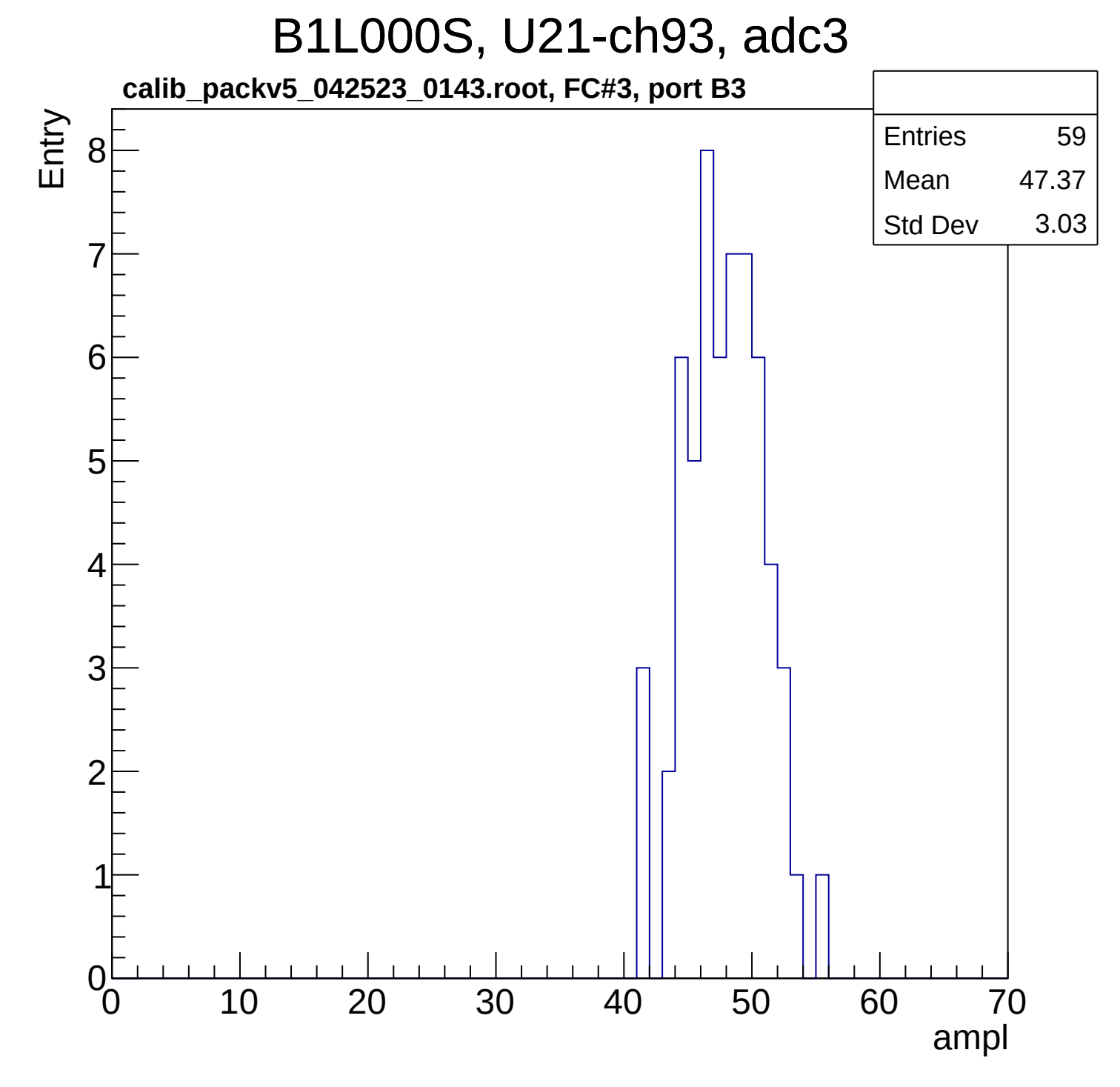

B1L000S, U21-ch92, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 31
Mean 60.58
Std Dev 2.283
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

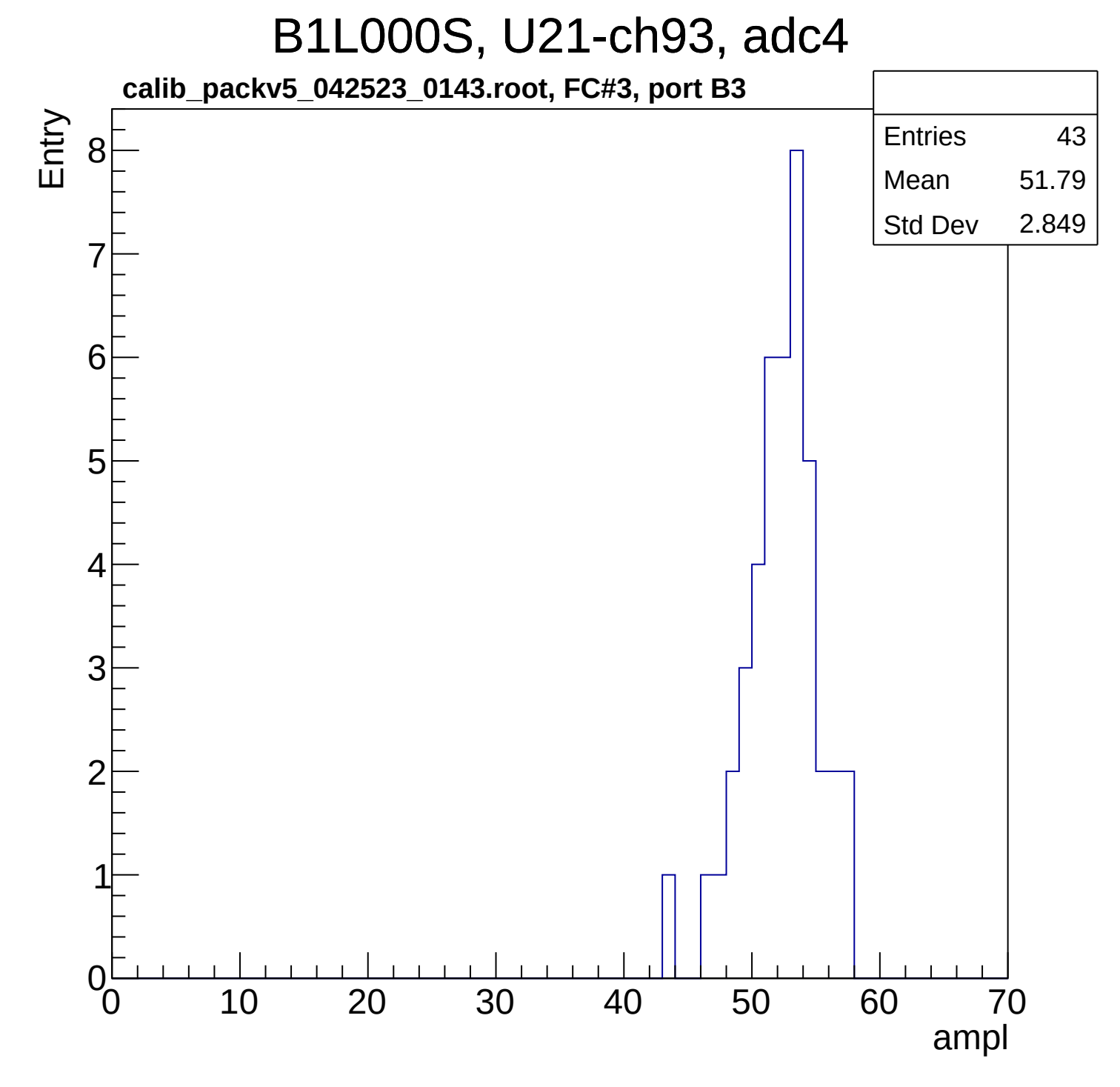

B1L000S, U21-ch92, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 49
Std Dev 19.8
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

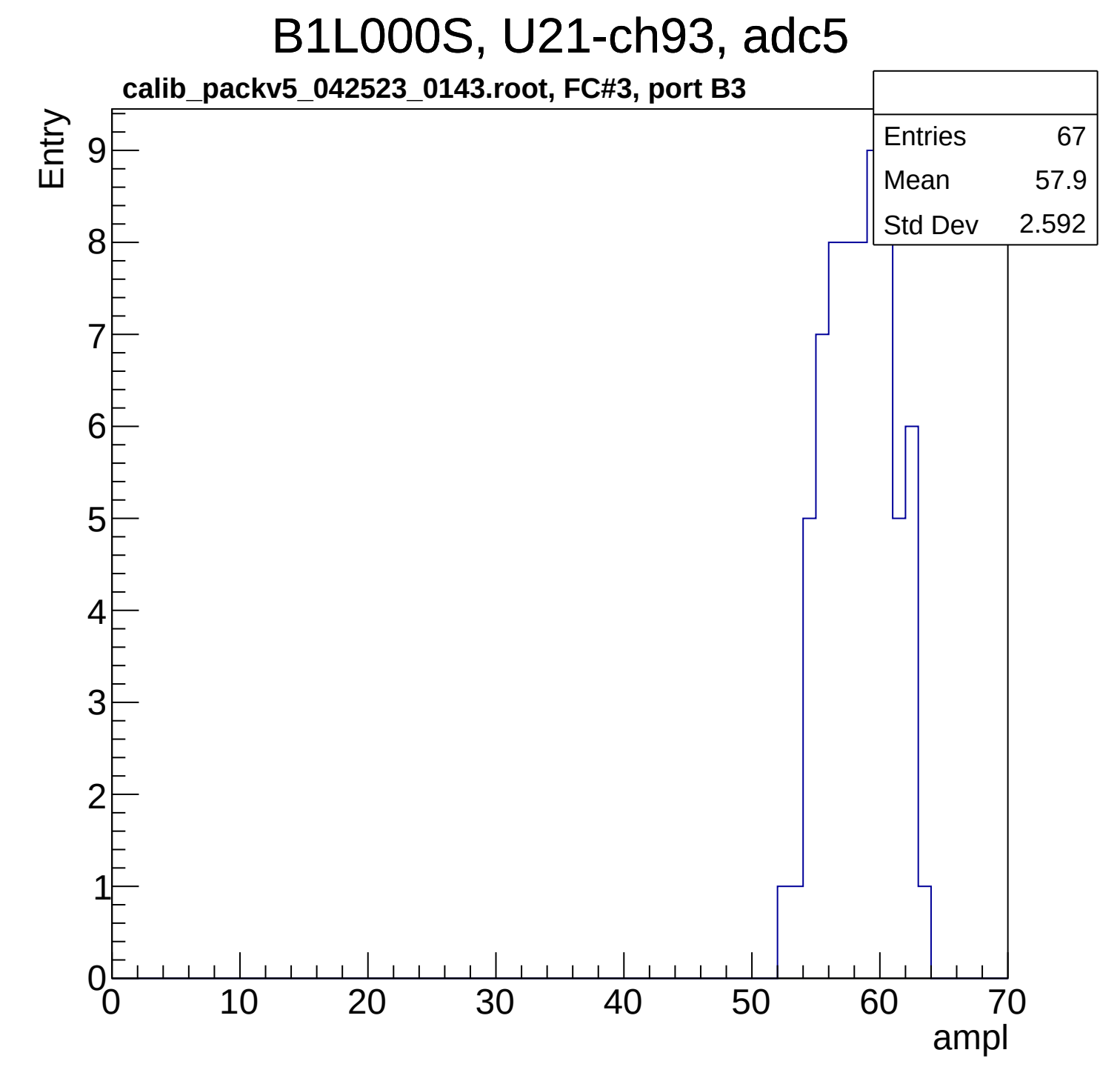

B1L000S, U21-ch93, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 27.98
Std Dev 3.165
Gaus mean : 27.9999
Gaus Width: 3.4225
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

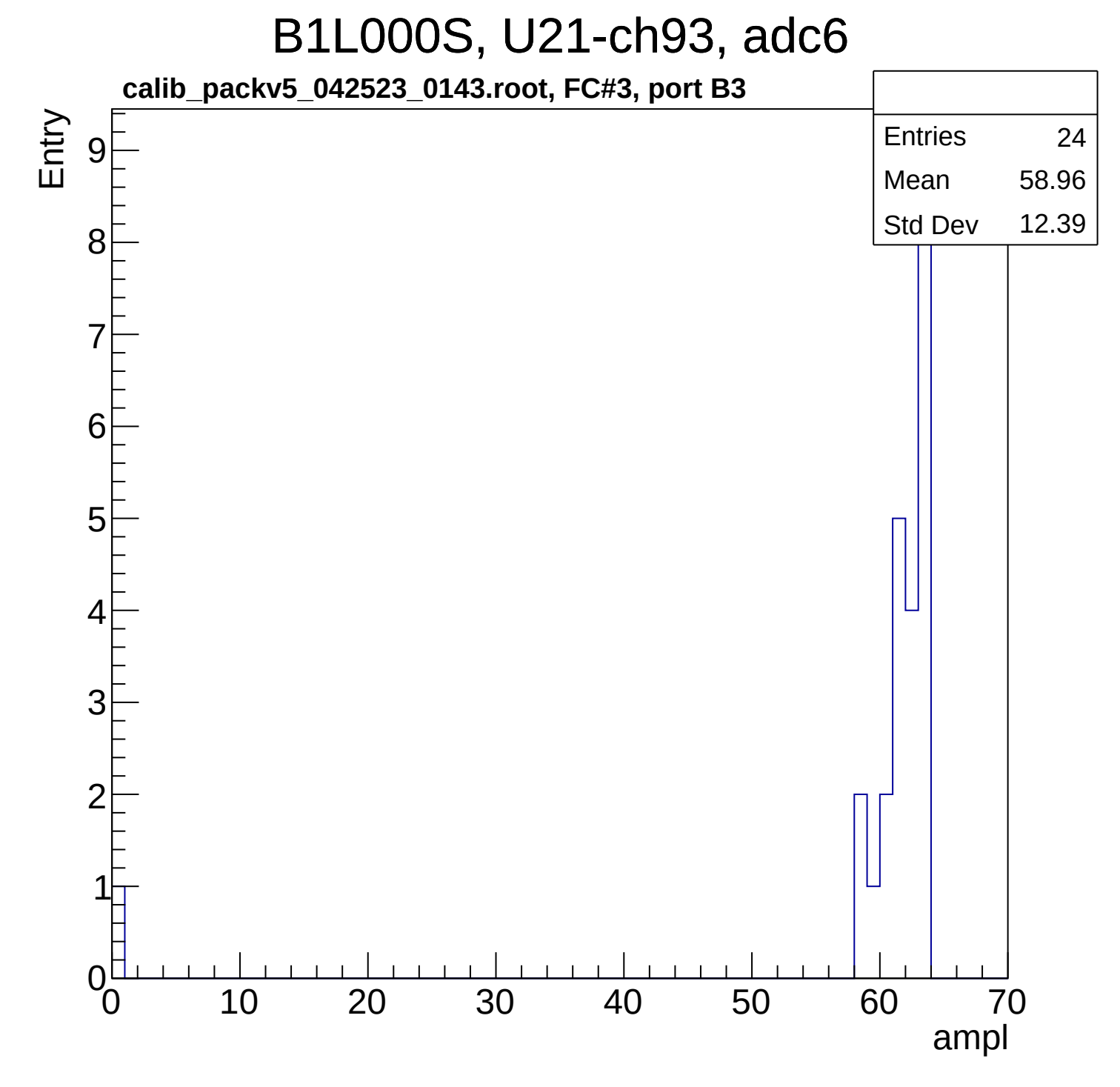

B1L000S, U21-ch93, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 34.17
Std Dev 3.374
Gaus mean : 34.2416
Gaus Width: 3.2117
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

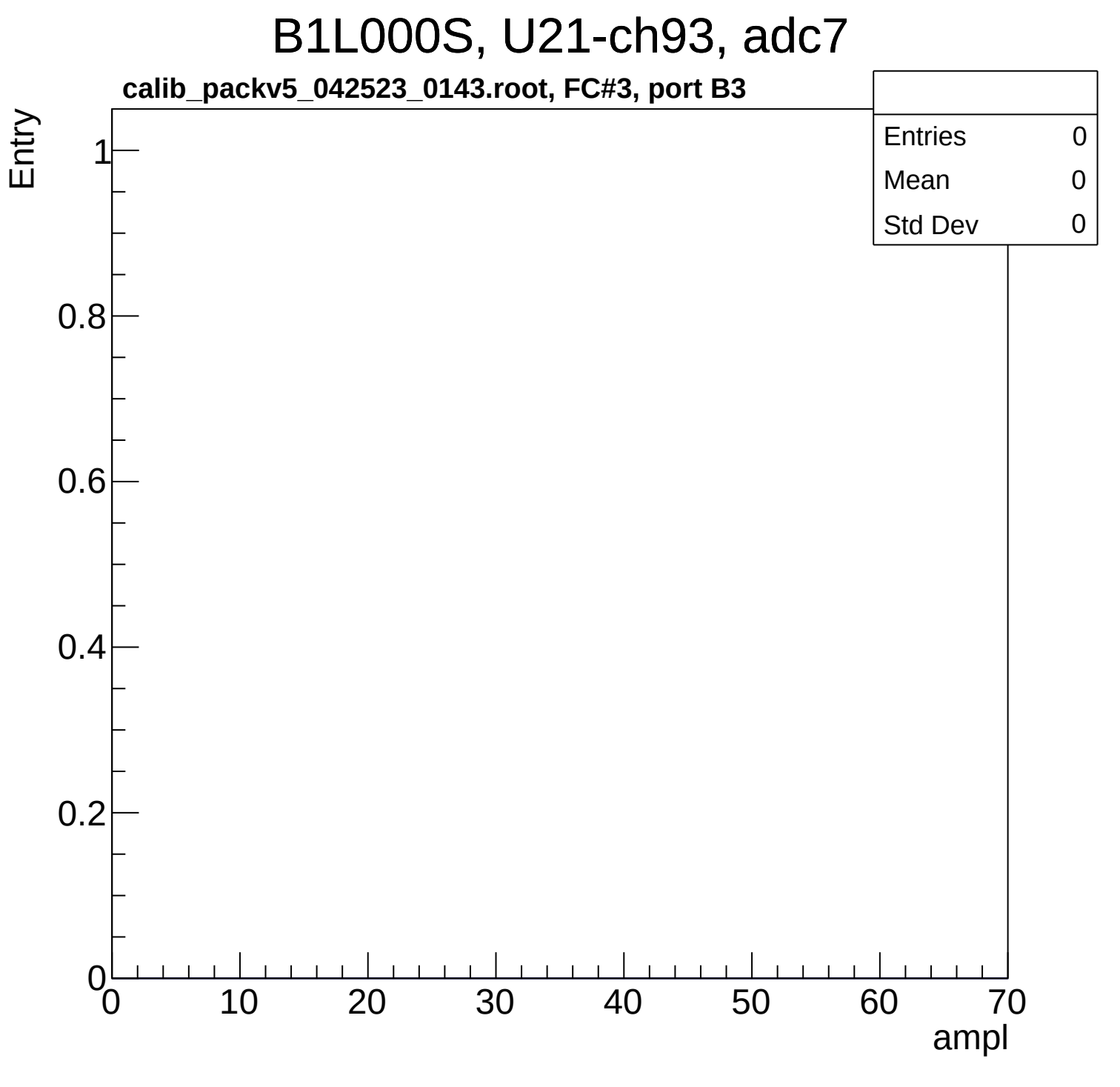

B1L000S, U21-ch93, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 40.93
Std Dev 3.225
Gaus mean : 41.2919
Gaus Width: 3.2177
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

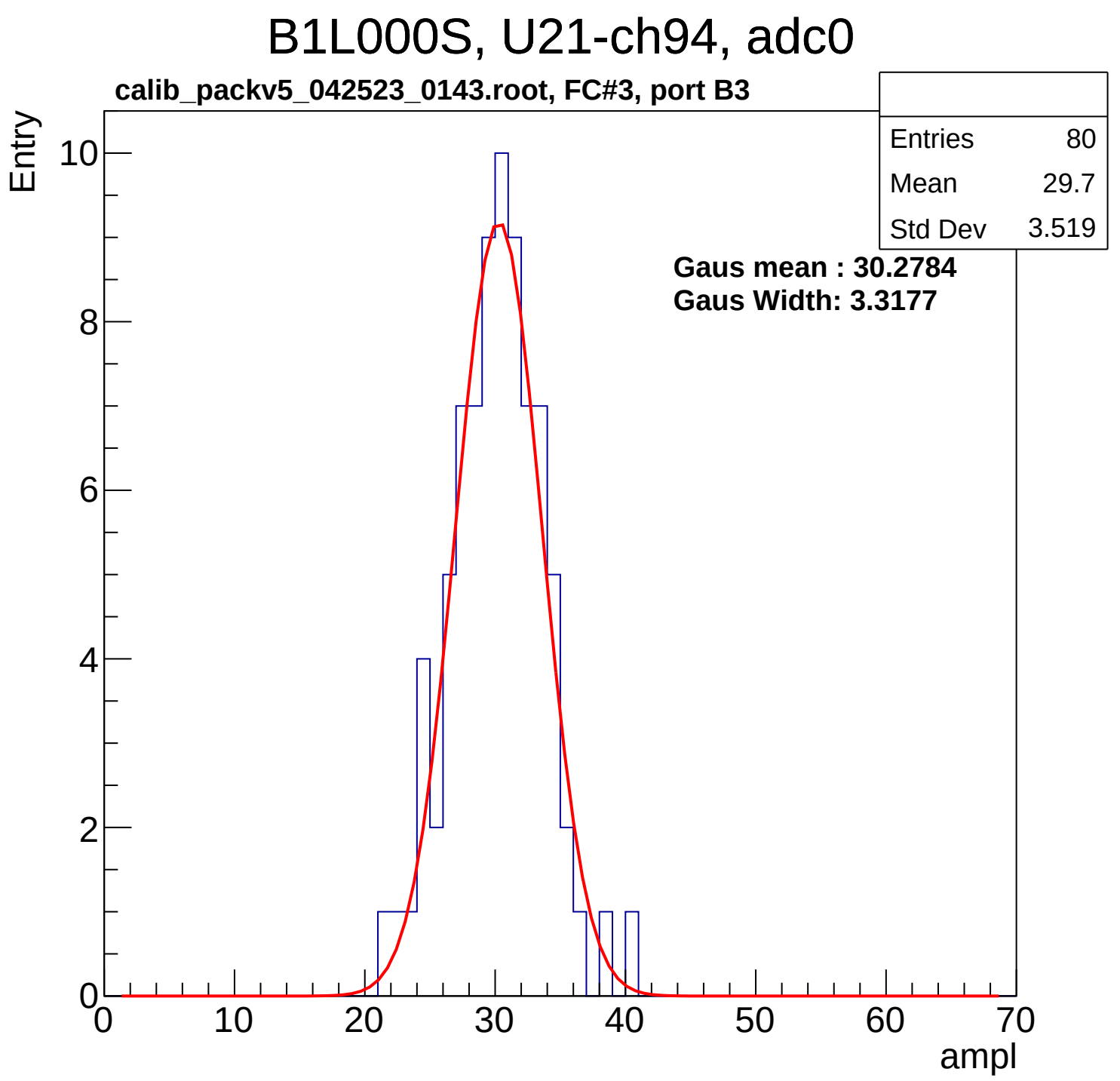

B1L000S, U21-ch93, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 47.37
Std Dev 3.03
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

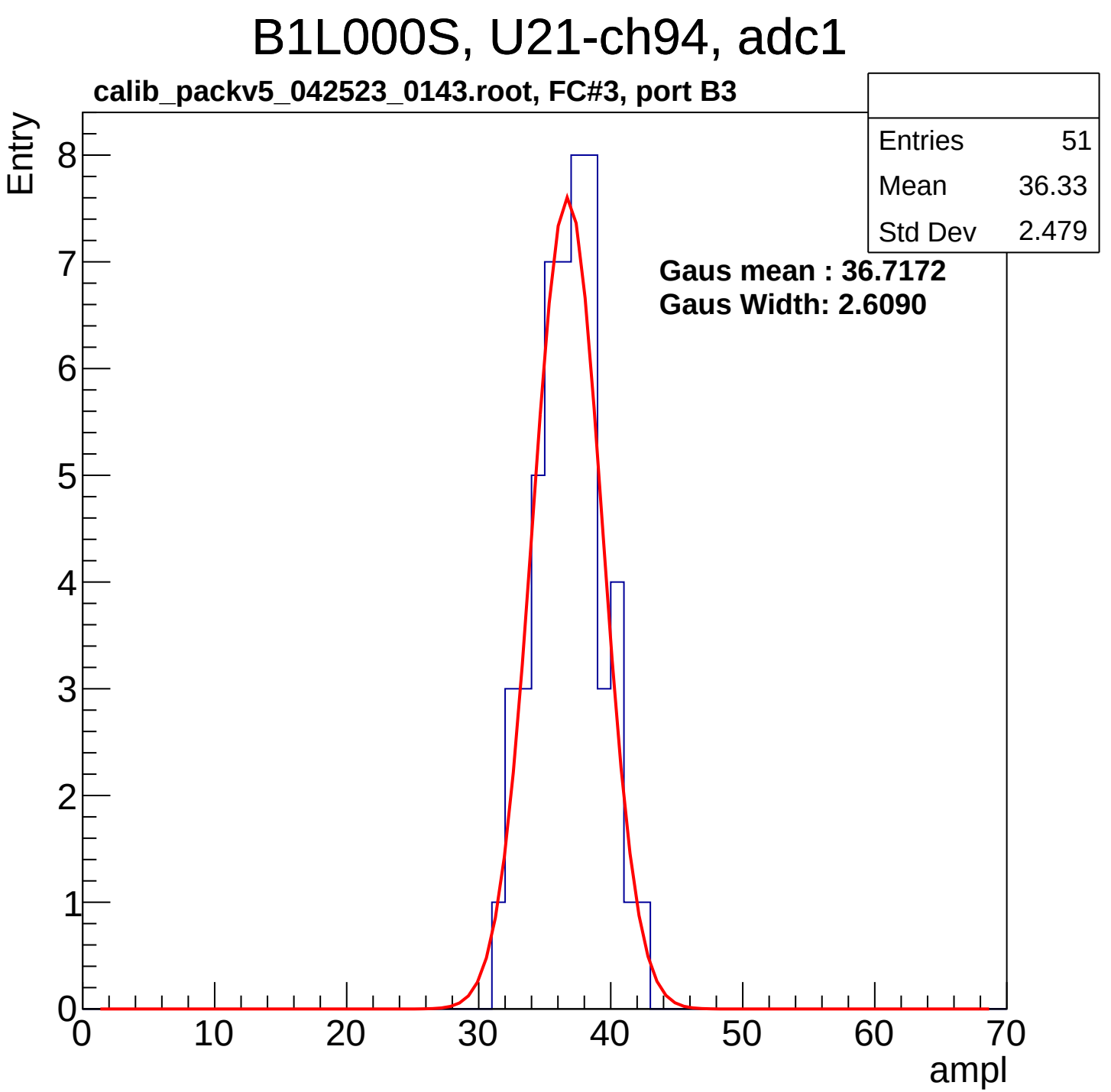

B1L000S, U21-ch93, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 51.79
Std Dev 2.849
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

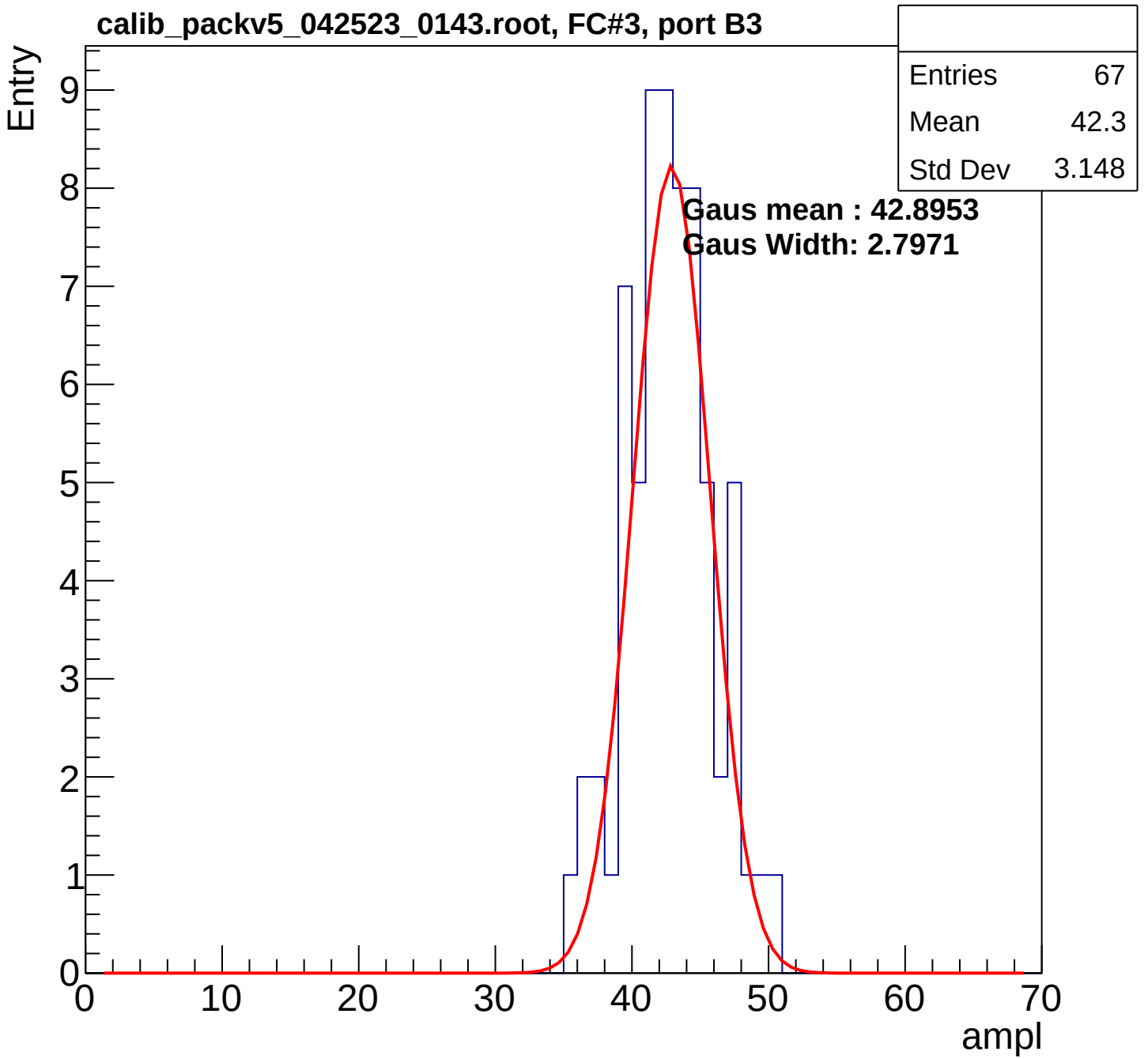

B1L000S, U21-ch93, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 57.9
Std Dev 2.592
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

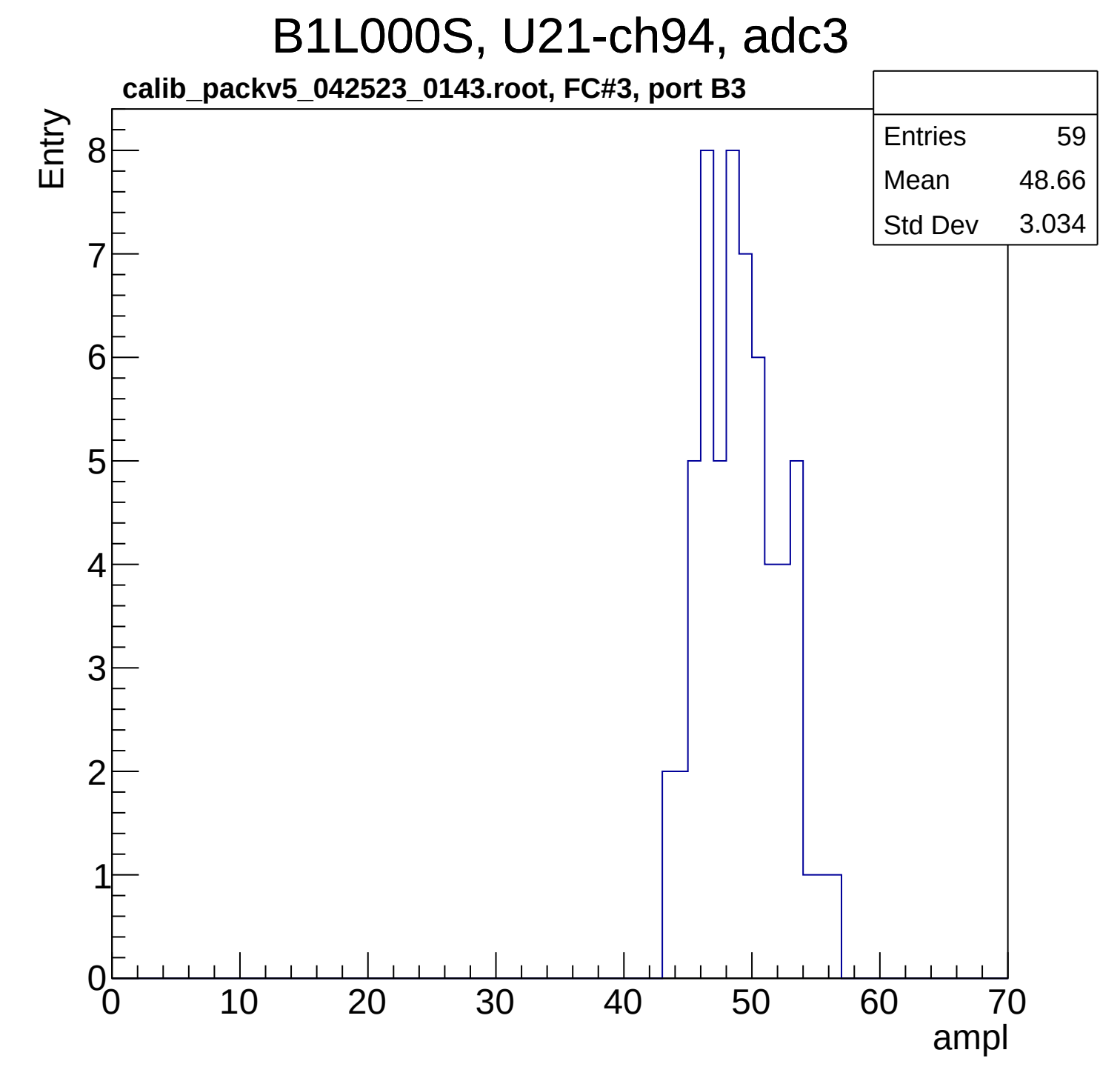

B1L000S, U21-ch93, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 24
Mean 58.96
Std Dev 12.39
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

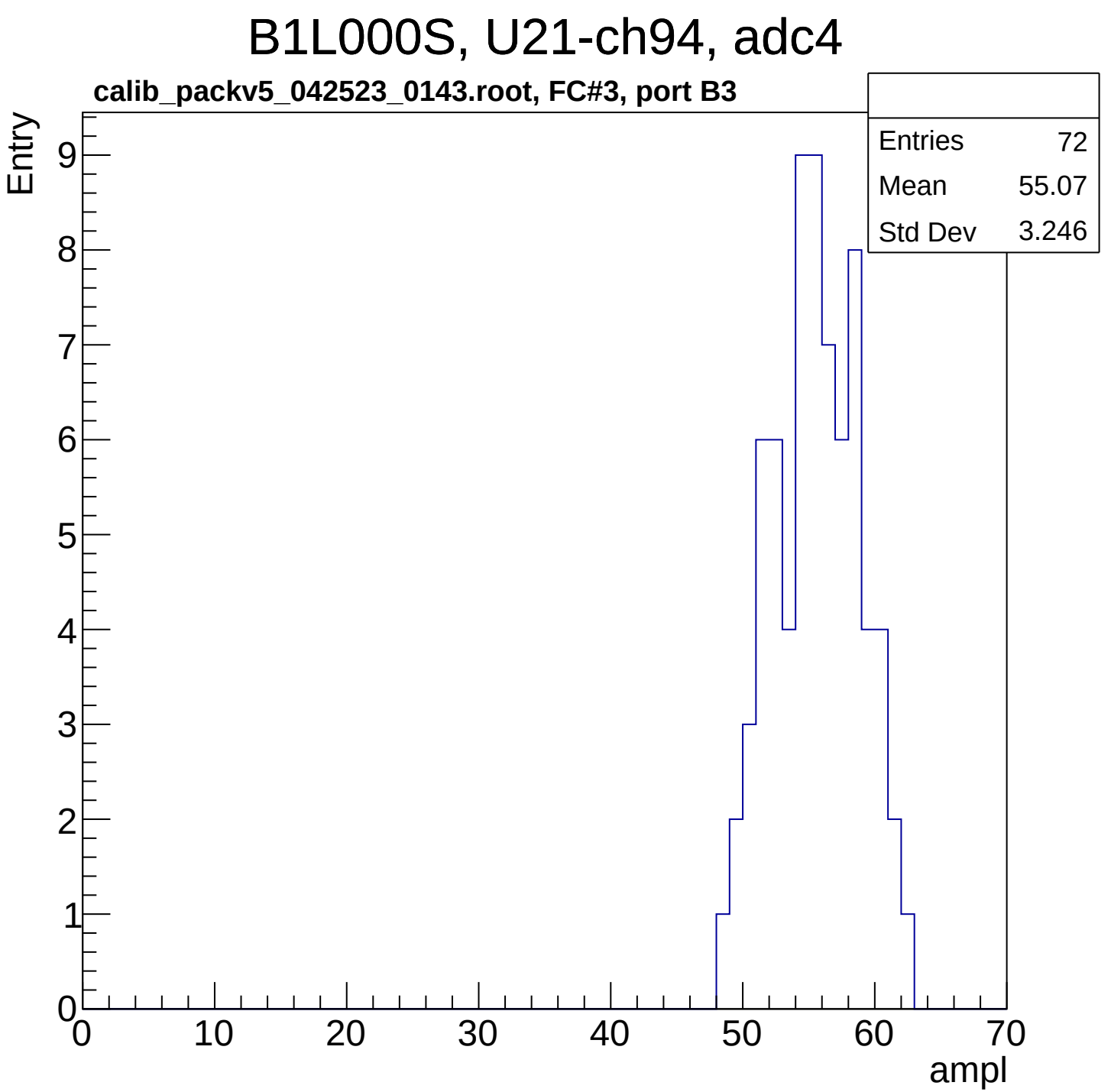

B1L000S, U21-ch93, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

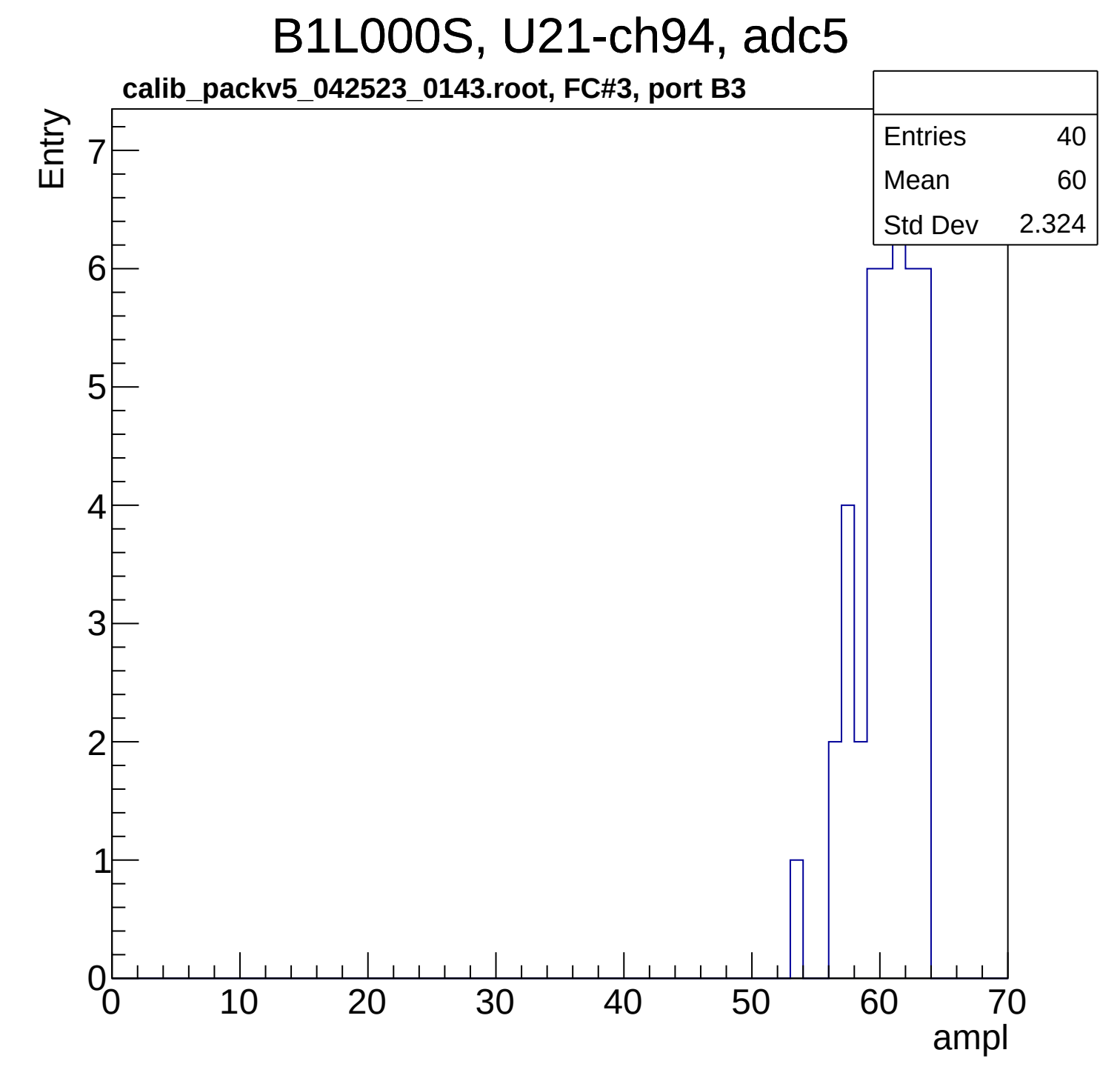

B1L000S, U21-ch94, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 80
Mean 29.7
Std Dev 3.519
Gaus mean : 30.2784
Gaus Width: 3.3177
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

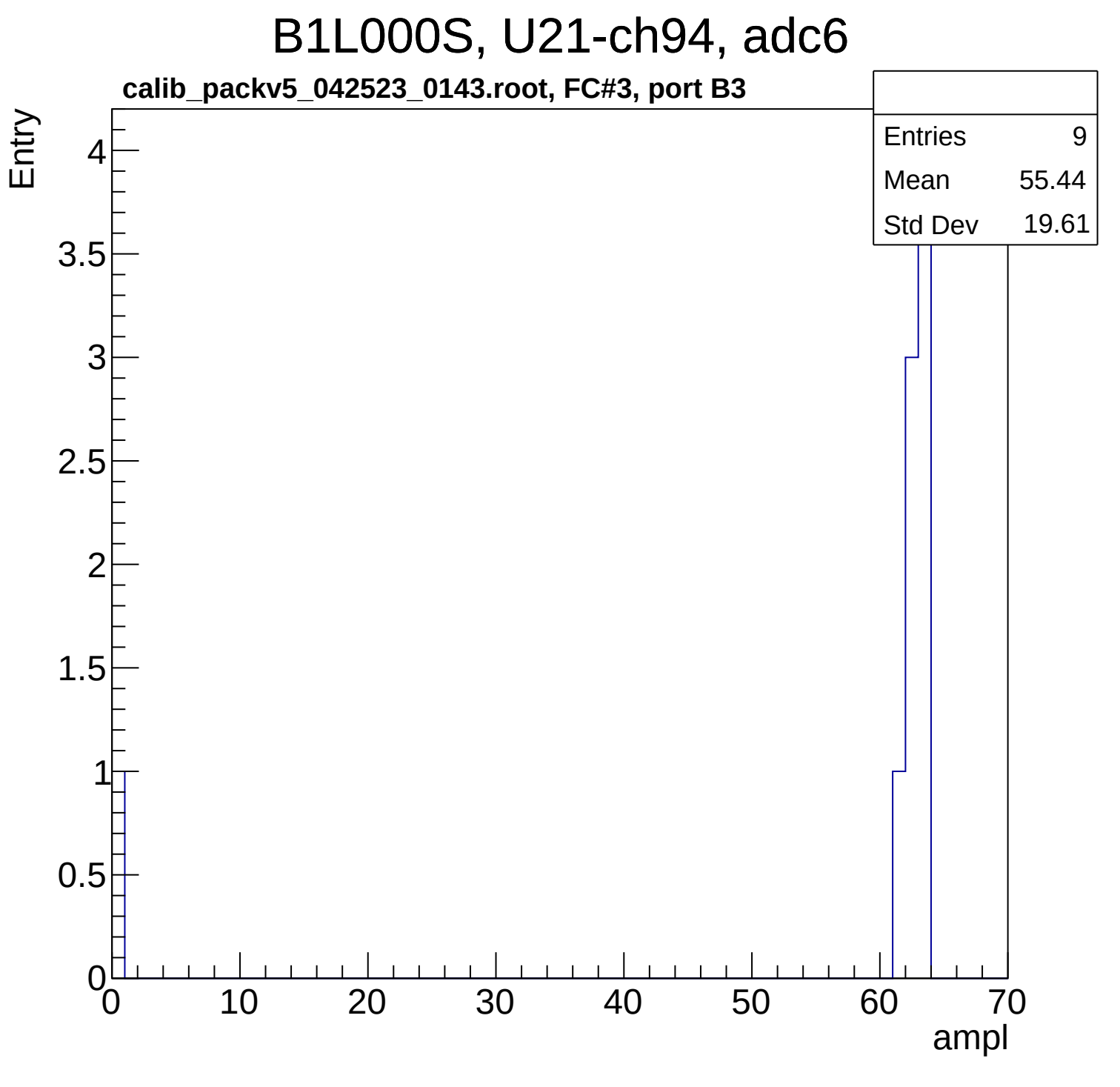

B1L000S, U21-ch94, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 36.33
Std Dev 2.479
Gaus mean : 36.7172
Gaus Width: 2.6090
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

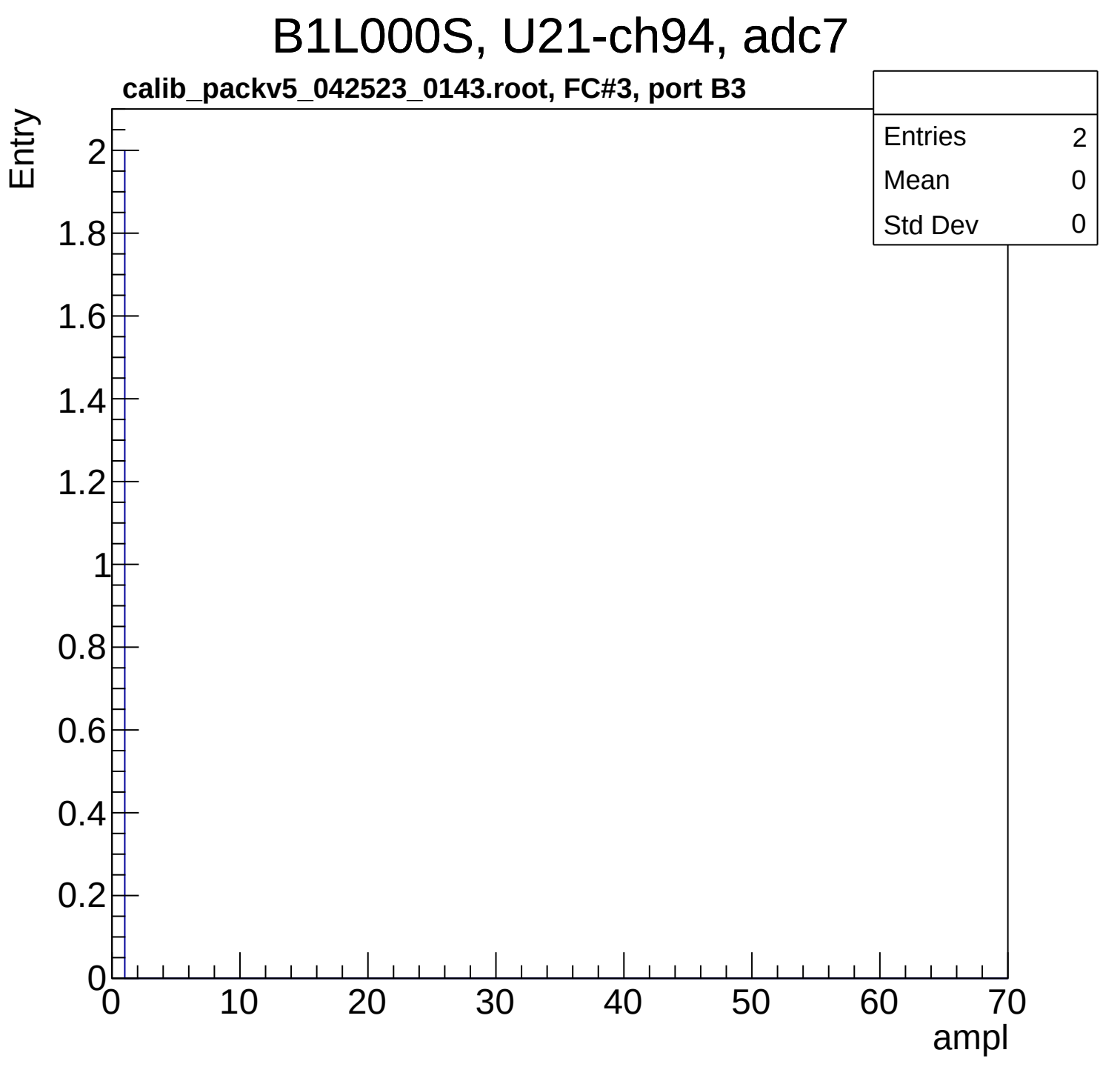

B1L000S, U21-ch94, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 42.3
Std Dev 3.148
Gaus mean : 42.8953
Gaus Width: 2.7971
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

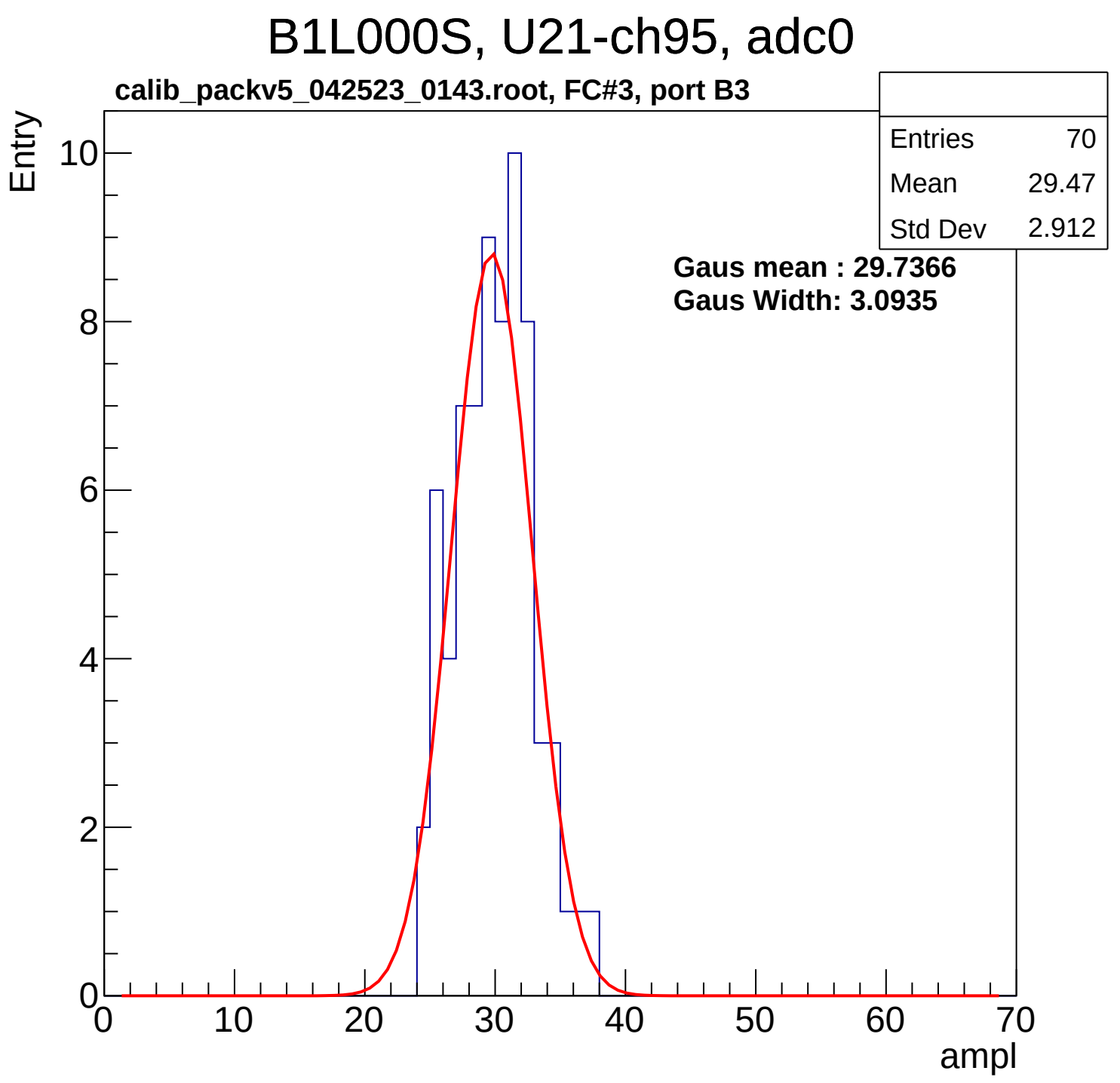

B1L000S, U21-ch94, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 48.66
Std Dev 3.034
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

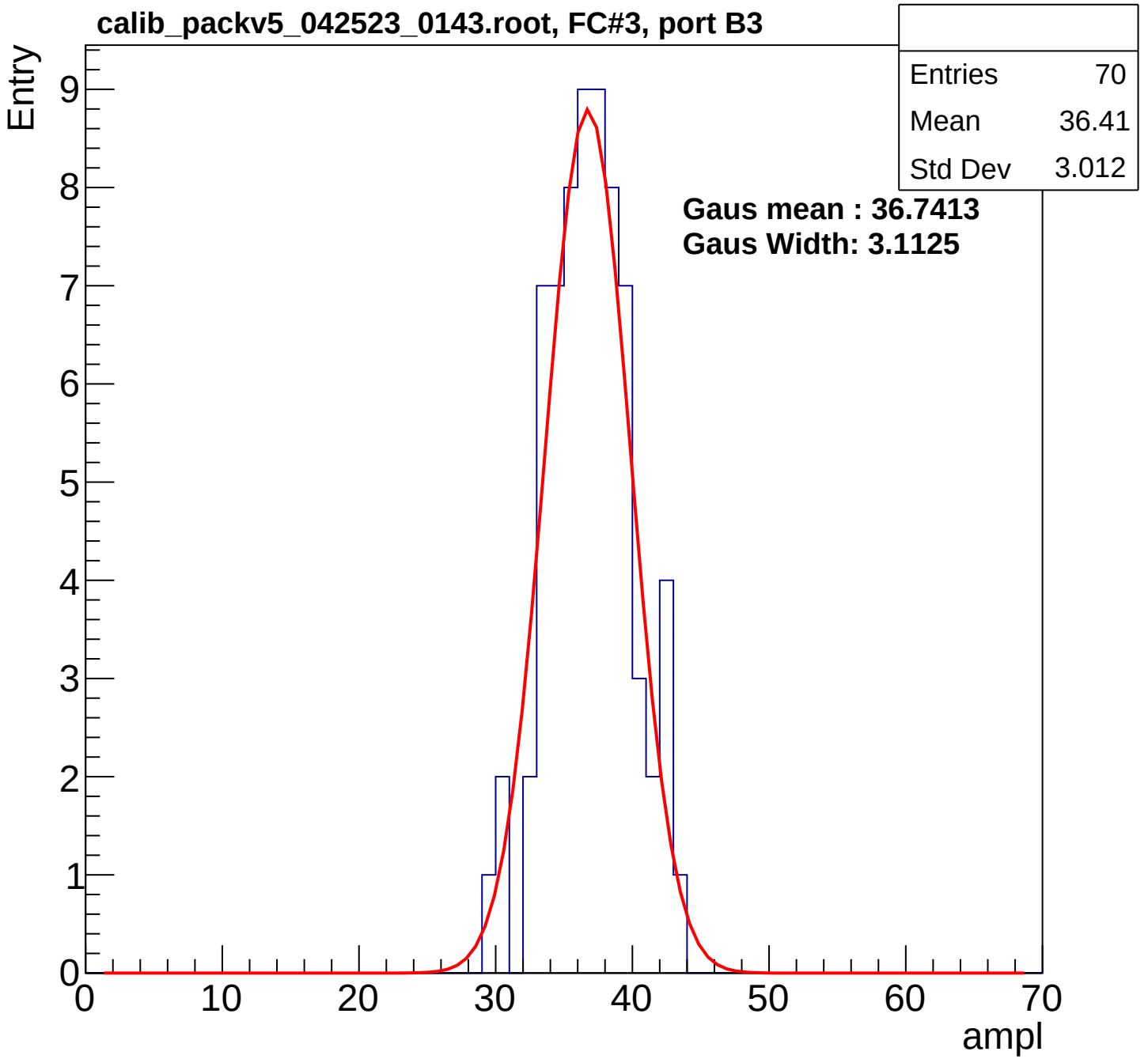

B1L000S, U21-ch94, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 55.07
Std Dev 3.246
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

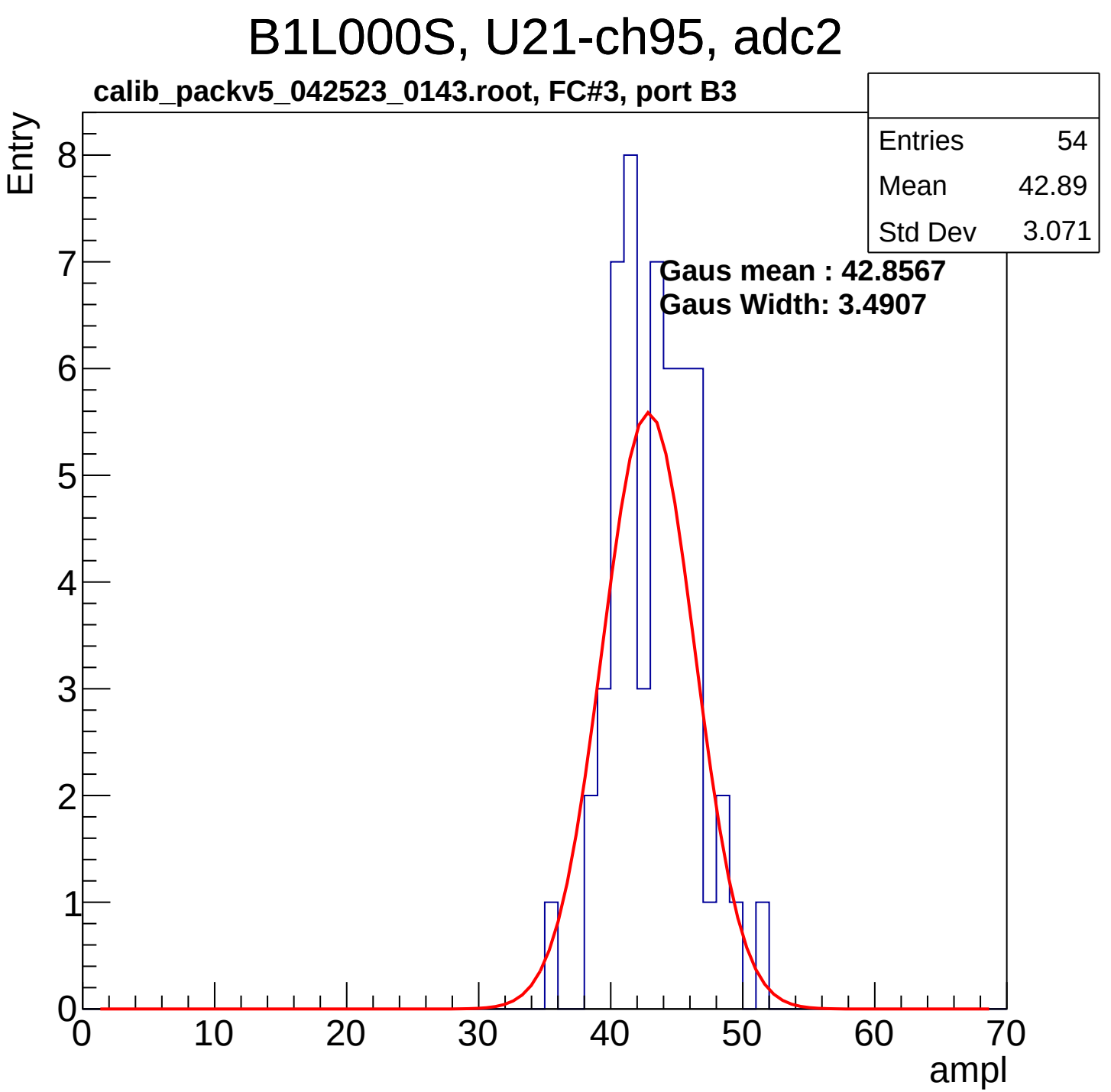

B1L000S, U21-ch94, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 40
Mean 60
Std Dev 2.324
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

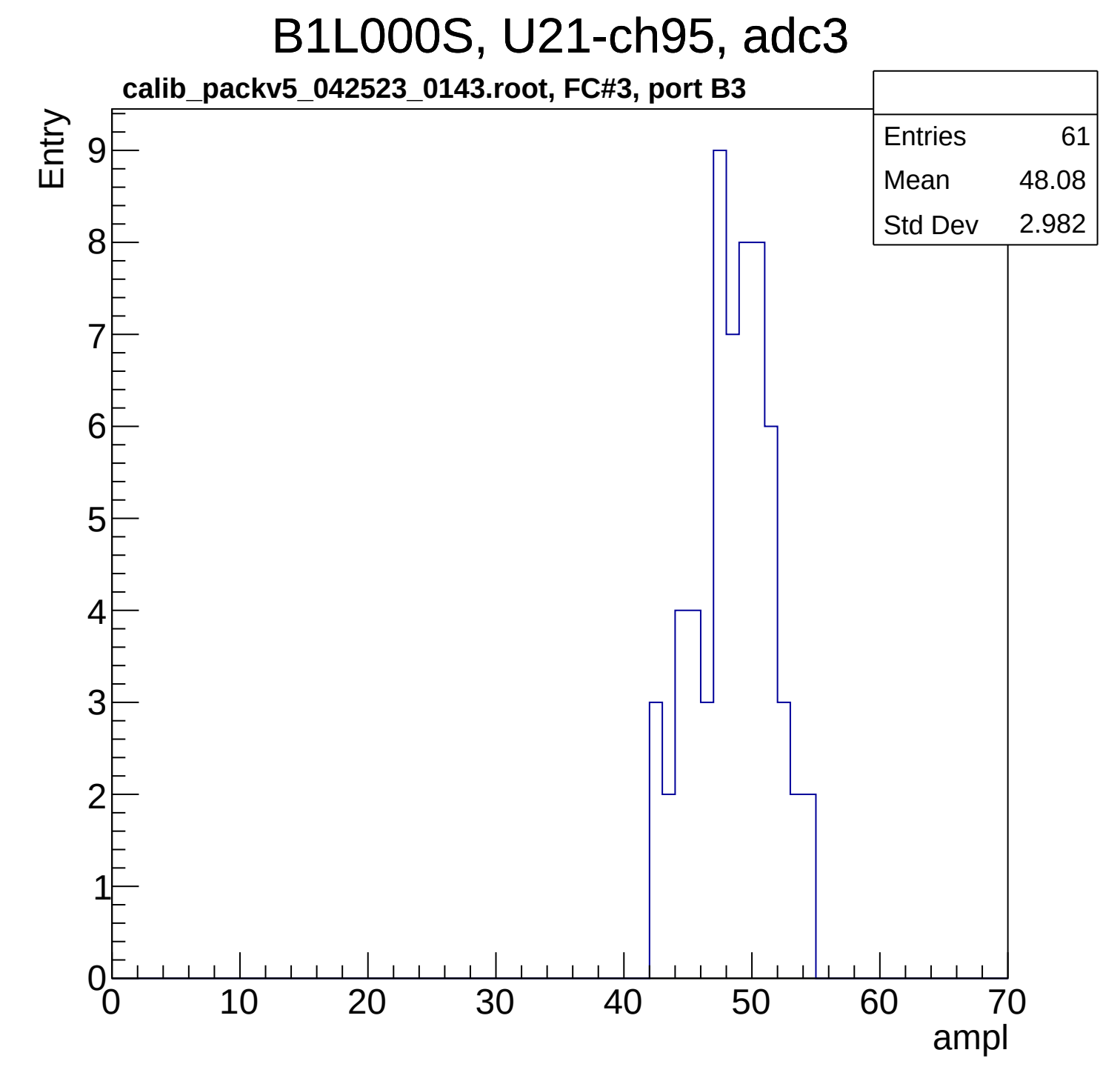

B1L000S, U21-ch94, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 55.44
Std Dev 19.61
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

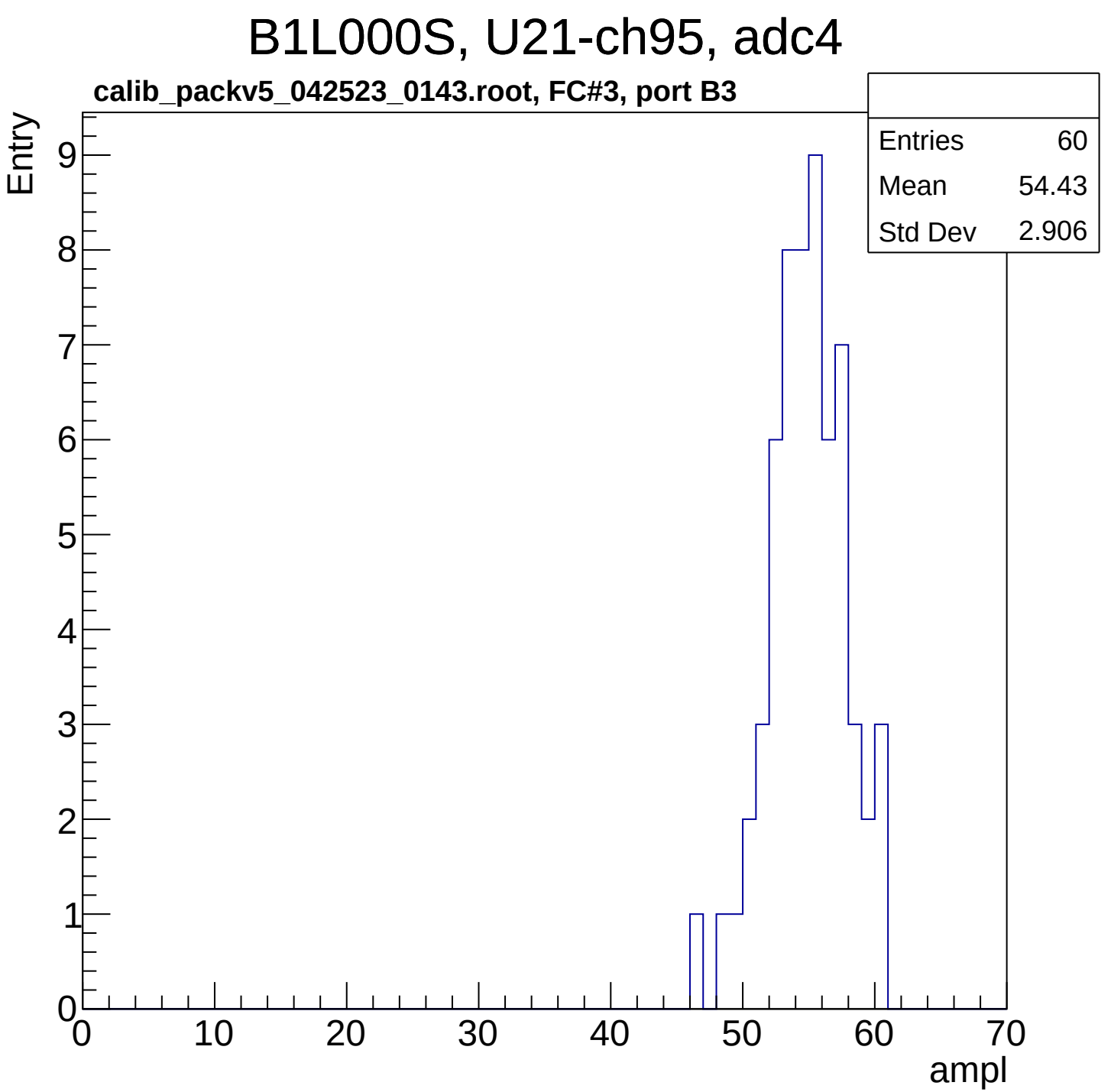

B1L000S, U21-ch94, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

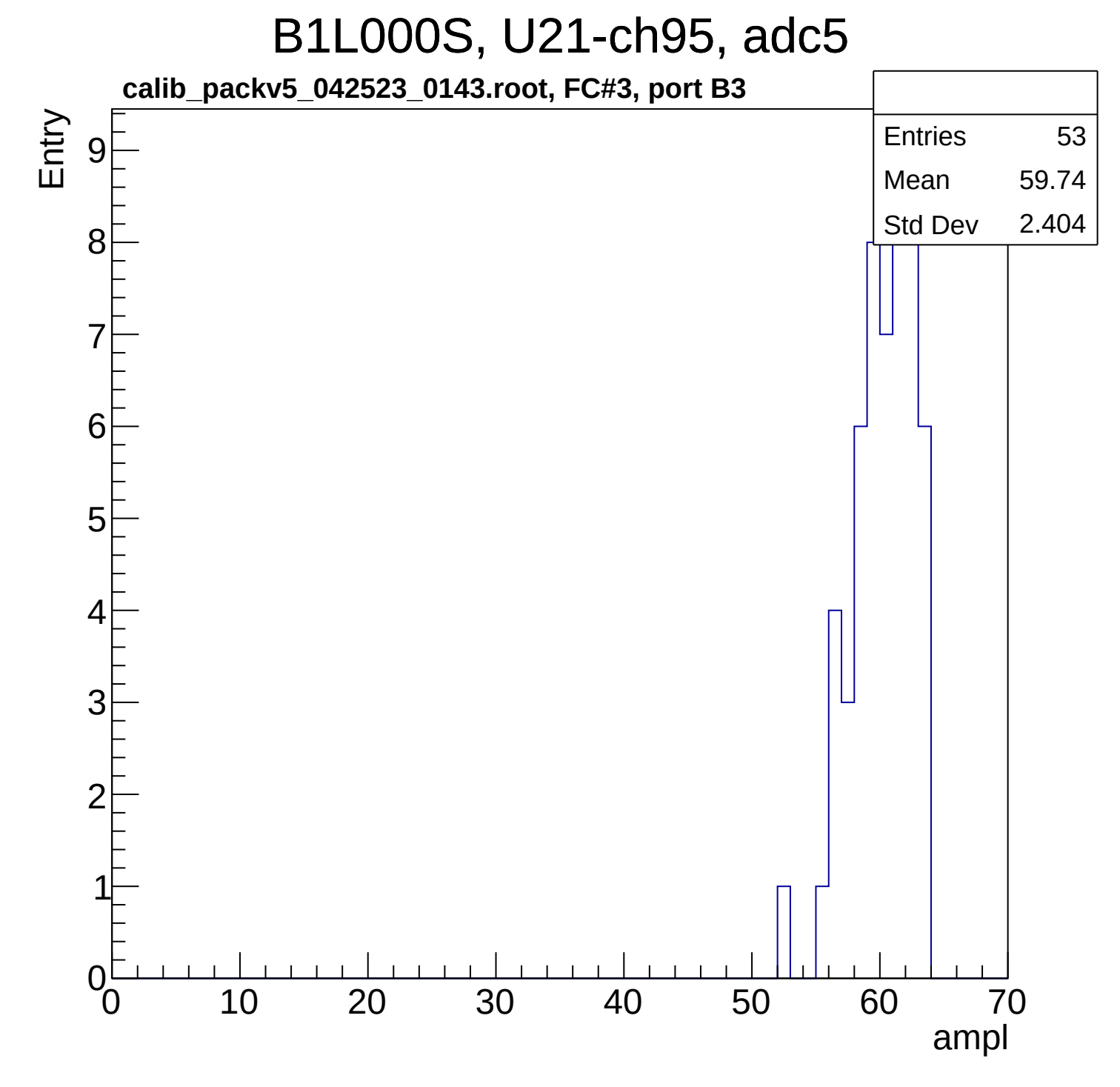

B1L000S, U21-ch95, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 29.47
Std Dev 2.912
Gaus mean : 29.7366
Gaus Width: 3.0935
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

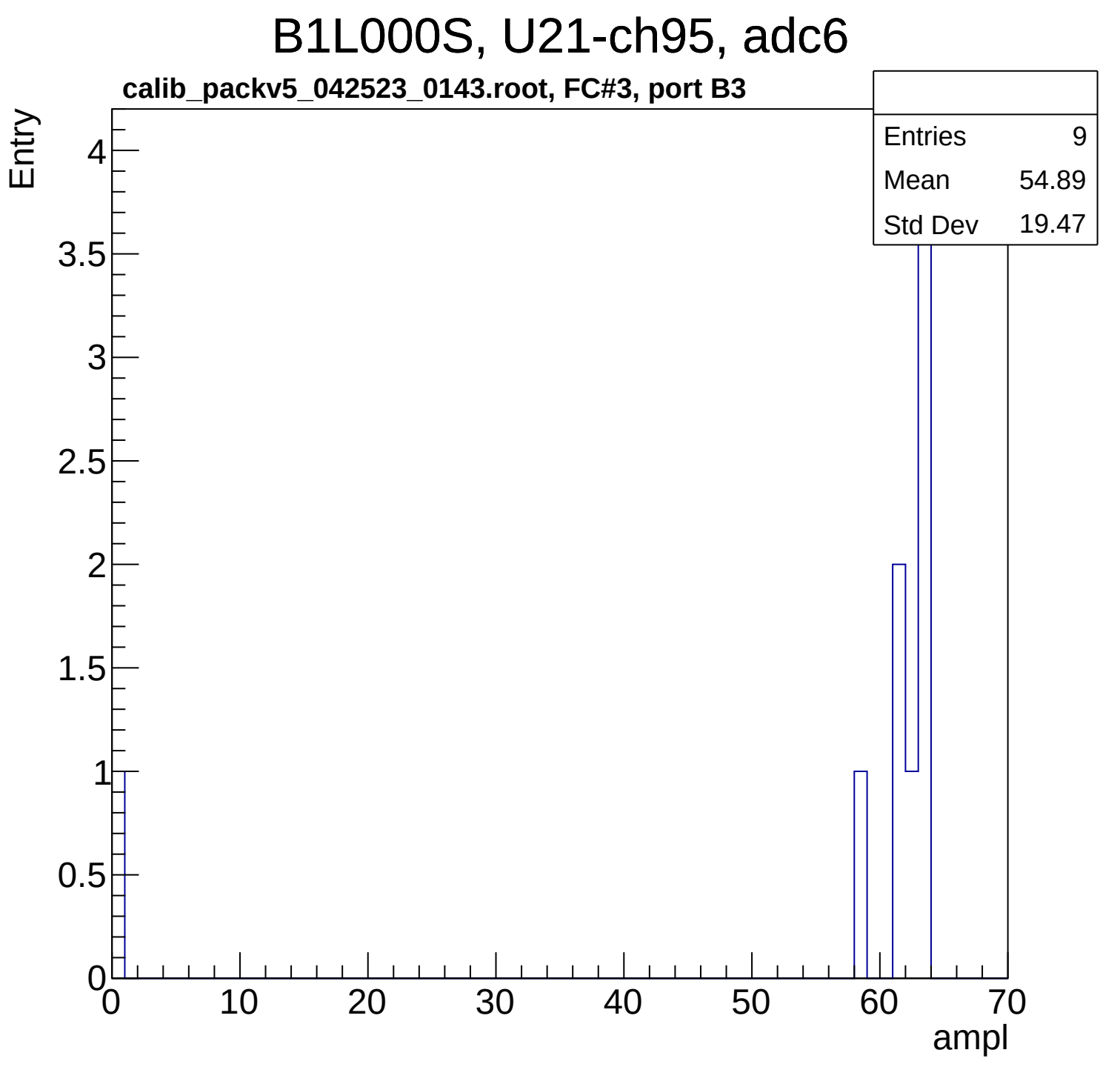

B1L000S, U21-ch95, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 36.41
Std Dev 3.012
Gaus mean : 36.7413
Gaus Width: 3.1125
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

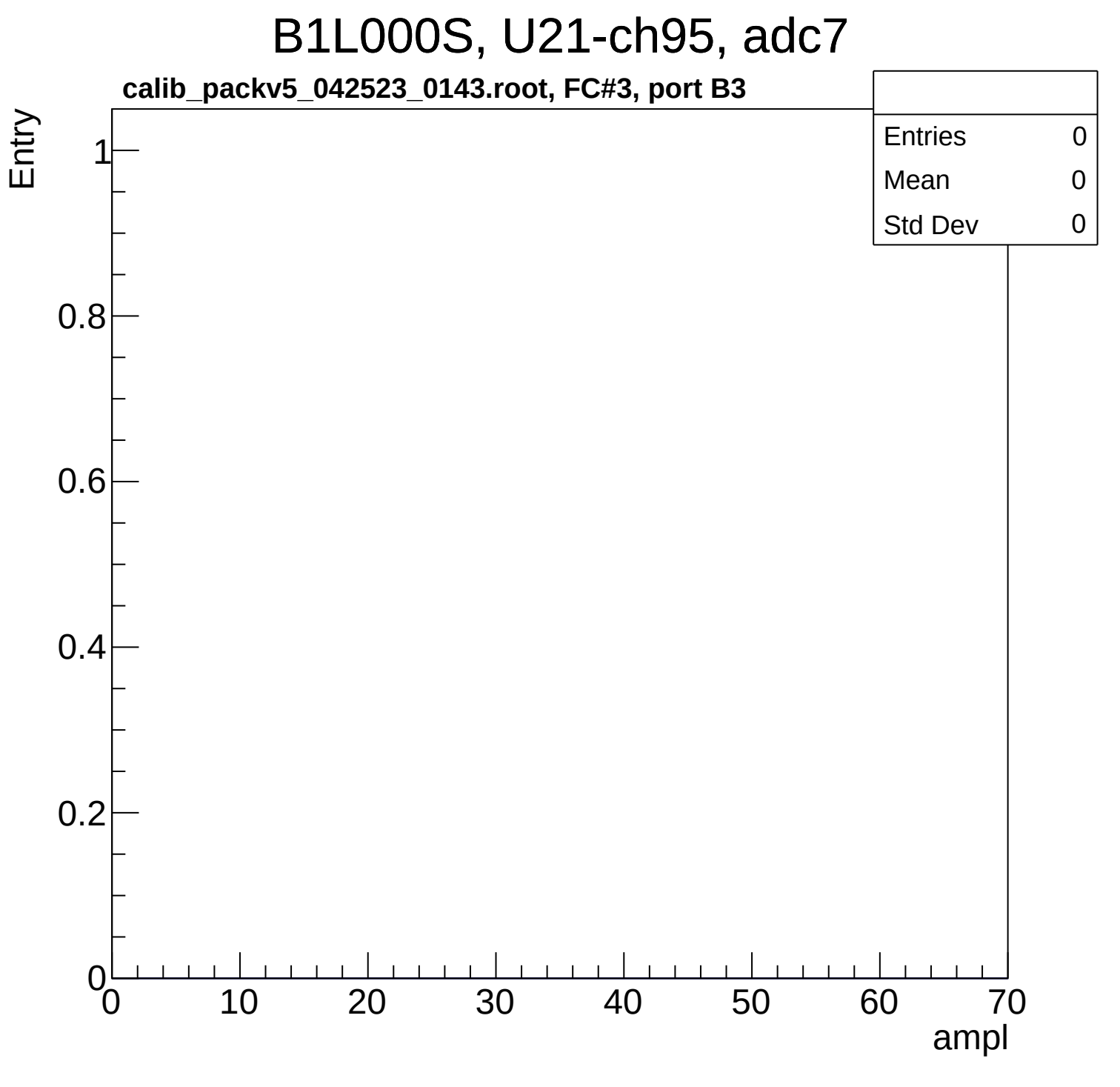

B1L000S, U21-ch95, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 42.89
Std Dev 3.071
Gaus mean : 42.8567
Gaus Width: 3.4907
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

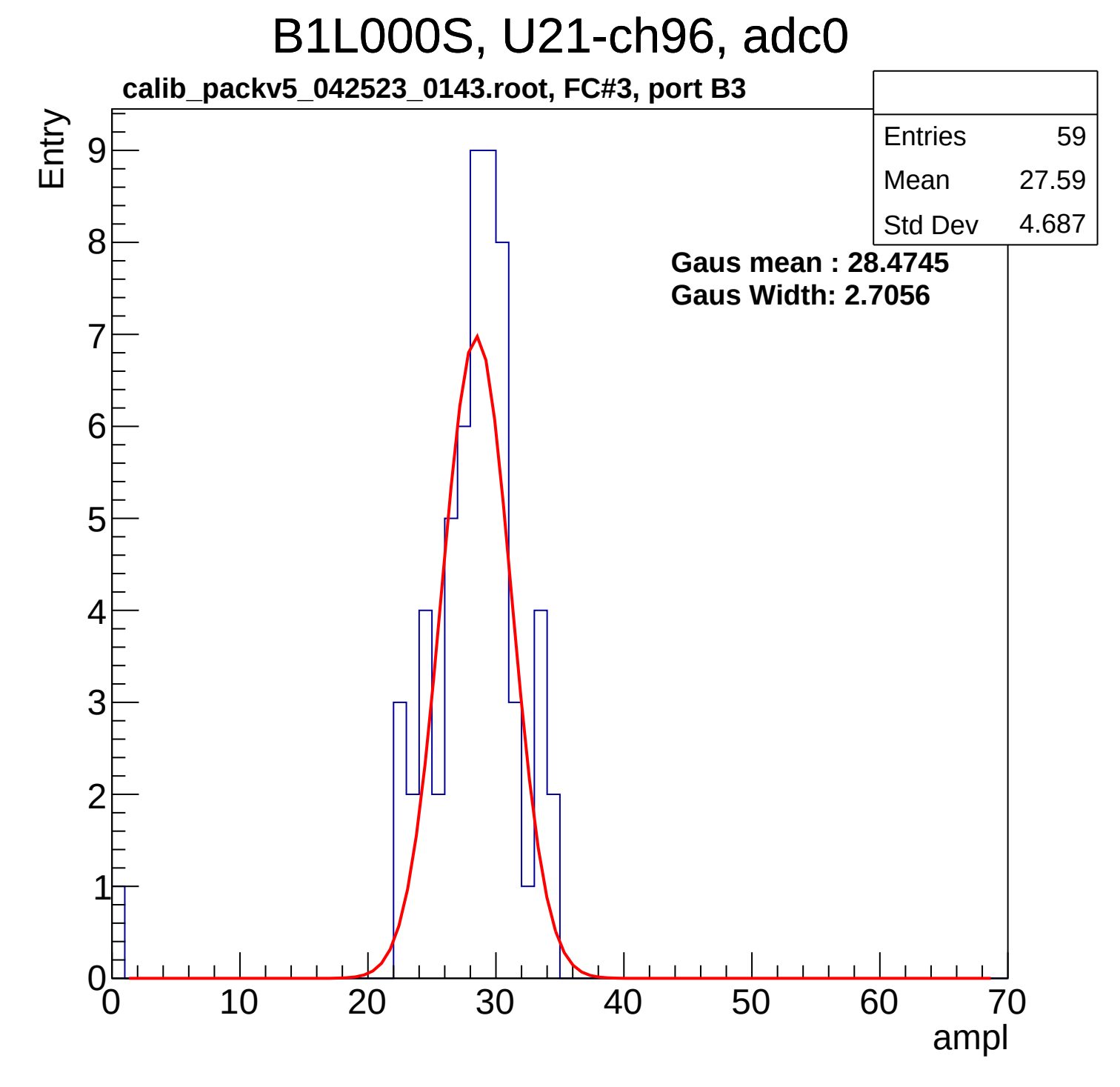

B1L000S, U21-ch95, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 48.08
Std Dev 2.982
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

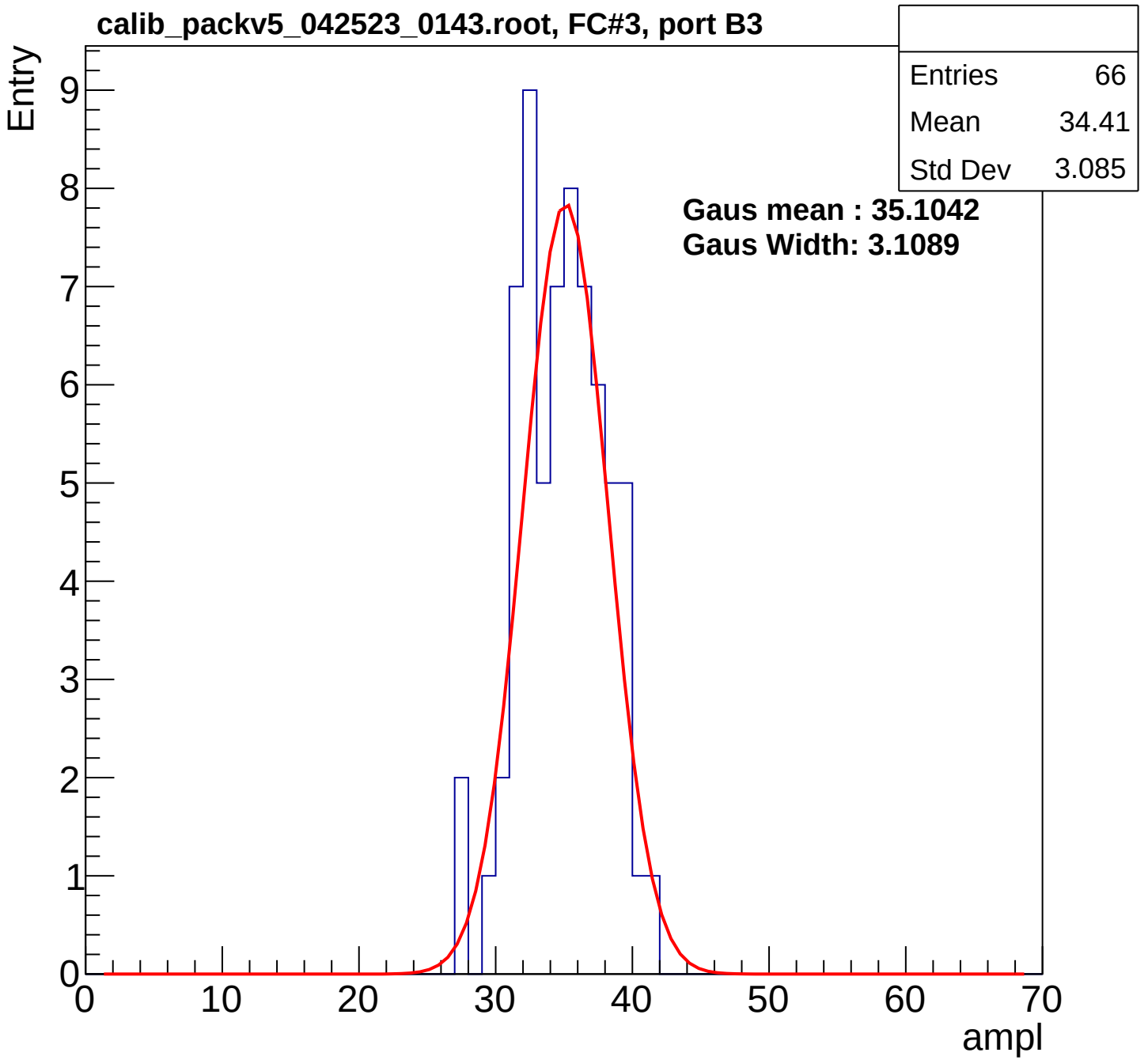

B1L000S, U21-ch95, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 54.43
Std Dev 2.906
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

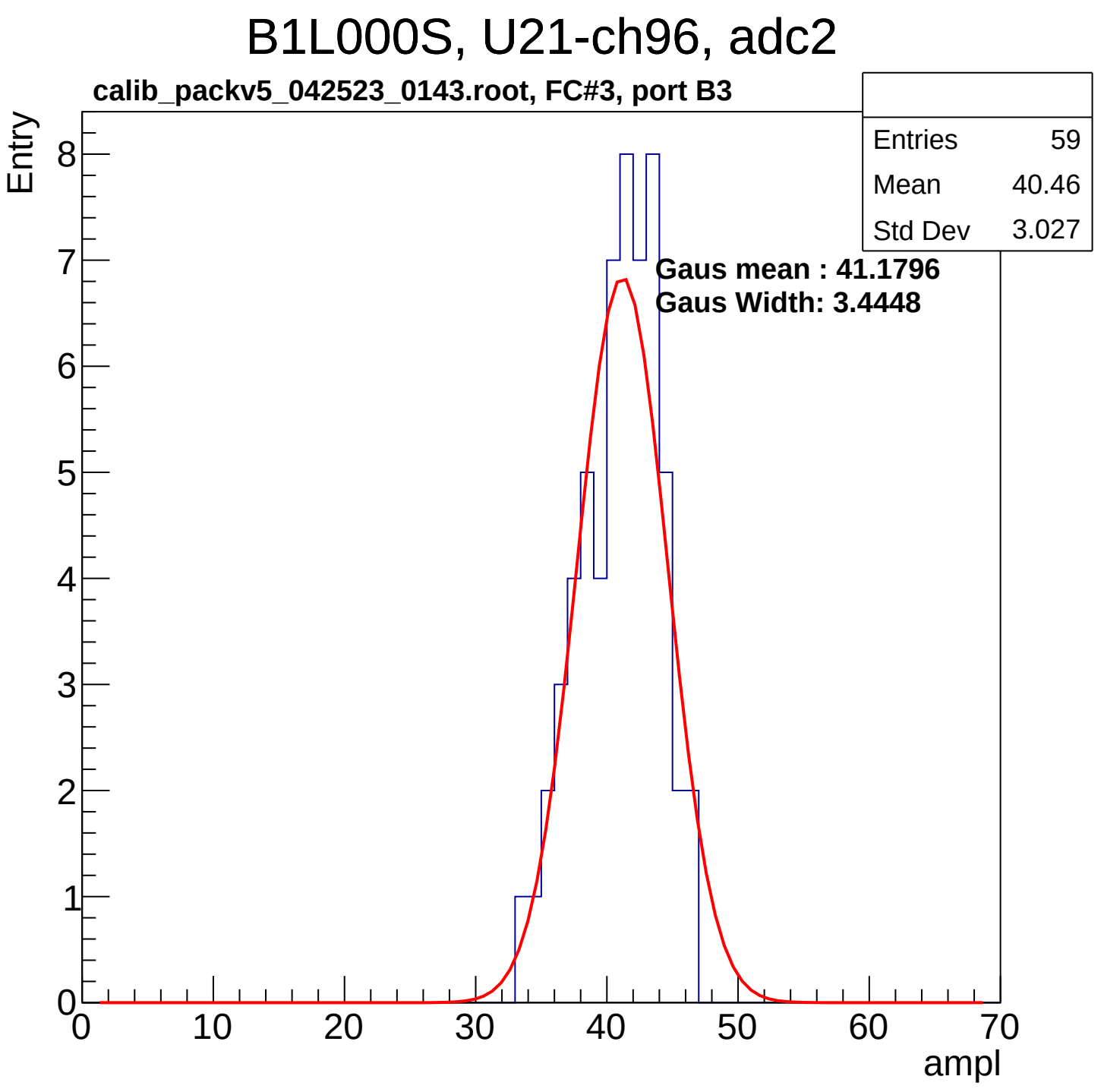

B1L000S, U21-ch95, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 59.74
Std Dev 2.404
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

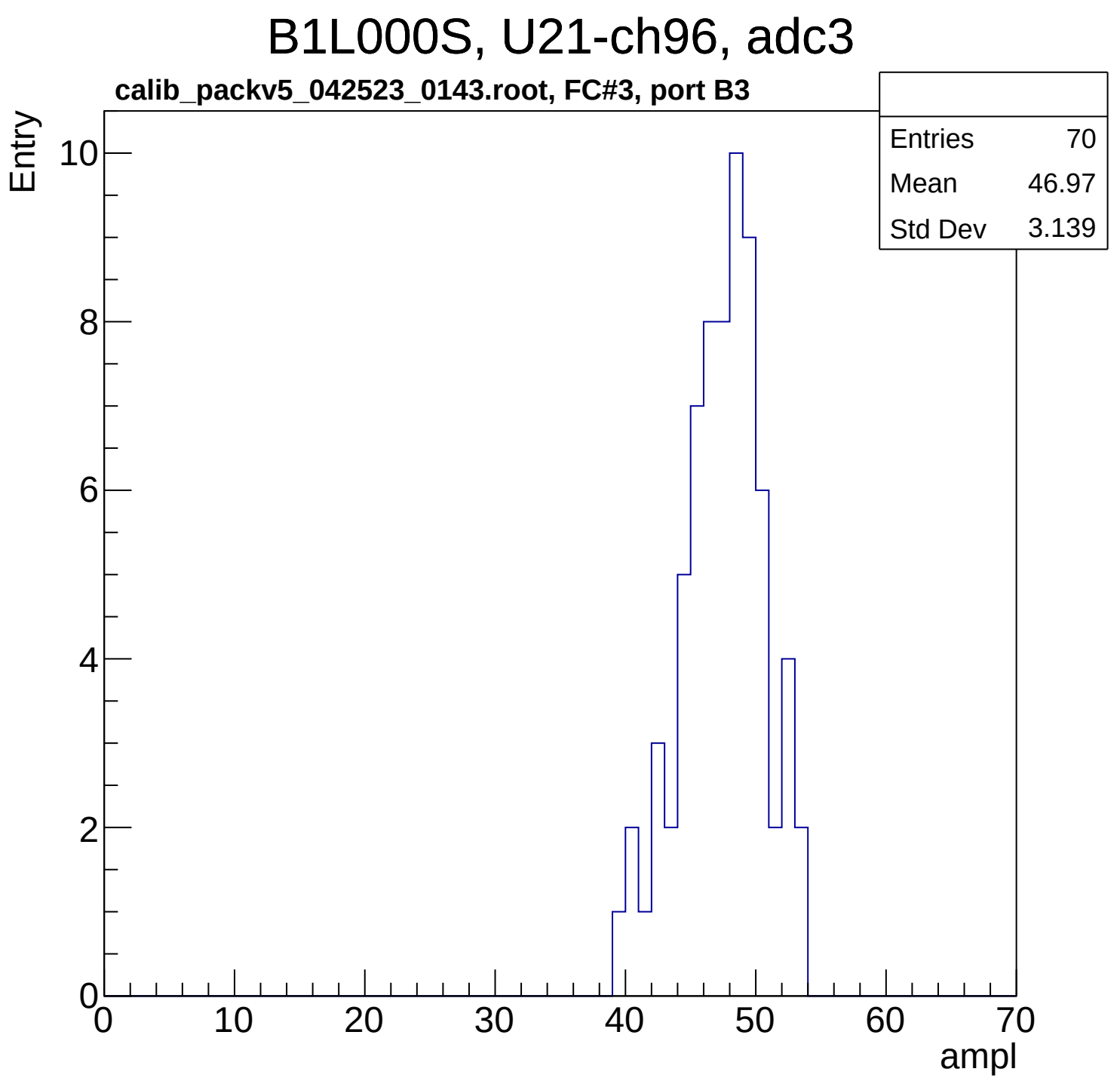

B1L000S, U21-ch95, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 54.89
Std Dev 19.47
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

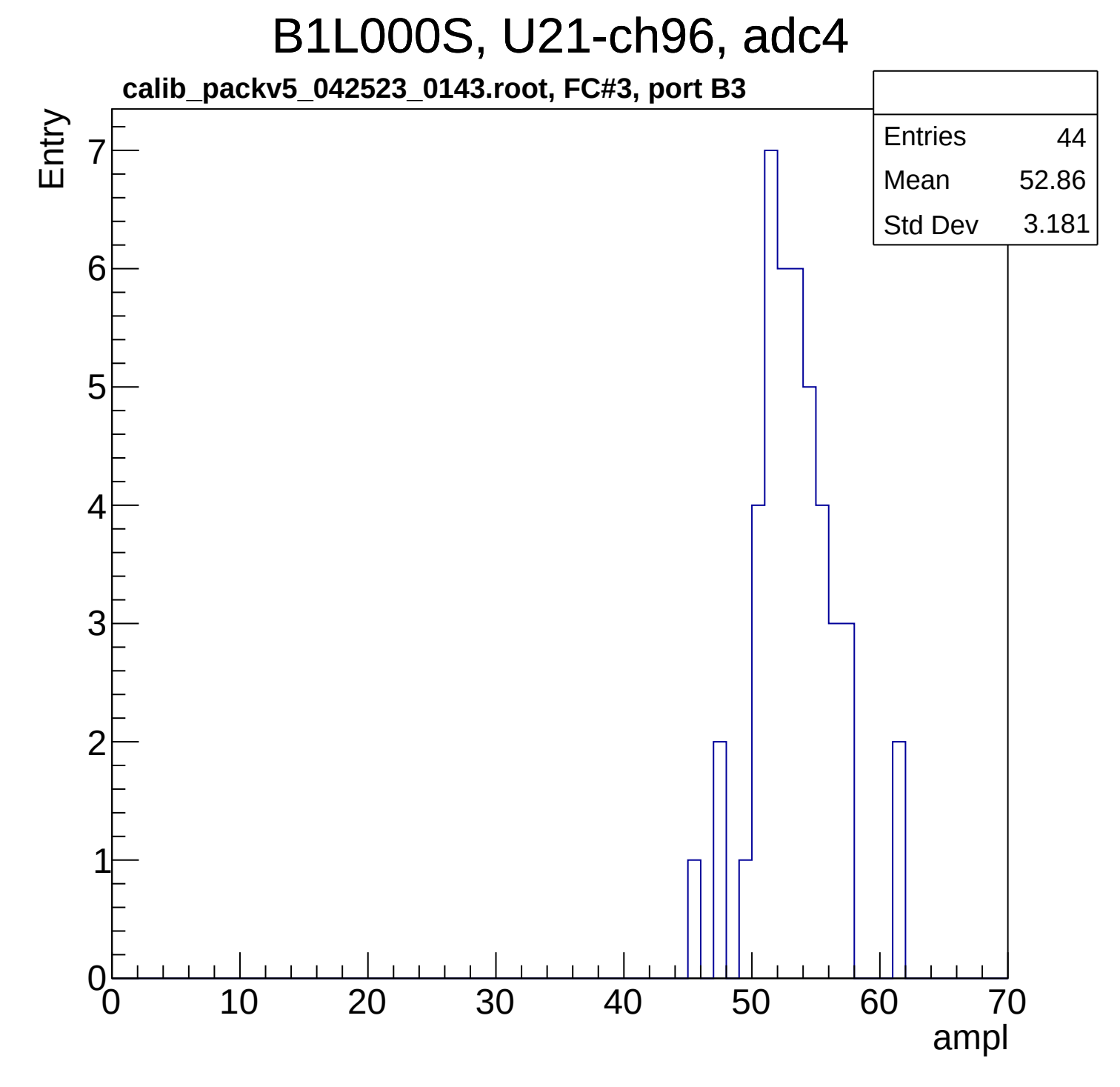

B1L000S, U21-ch95, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

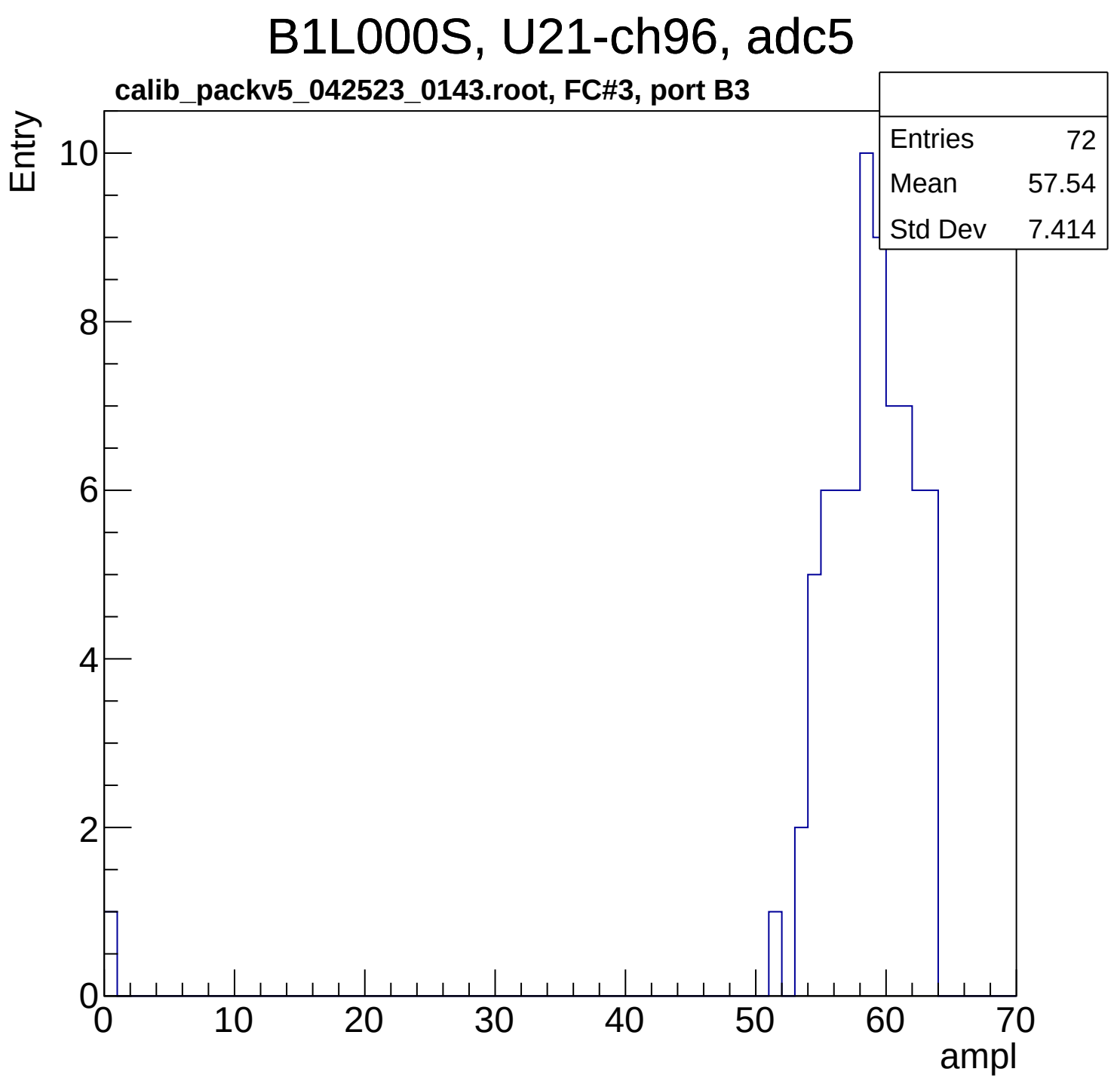

B1L000S, U21-ch96, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 27.59
Std Dev 4.687
Gaus mean : 28.4745
Gaus Width: 2.7056
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

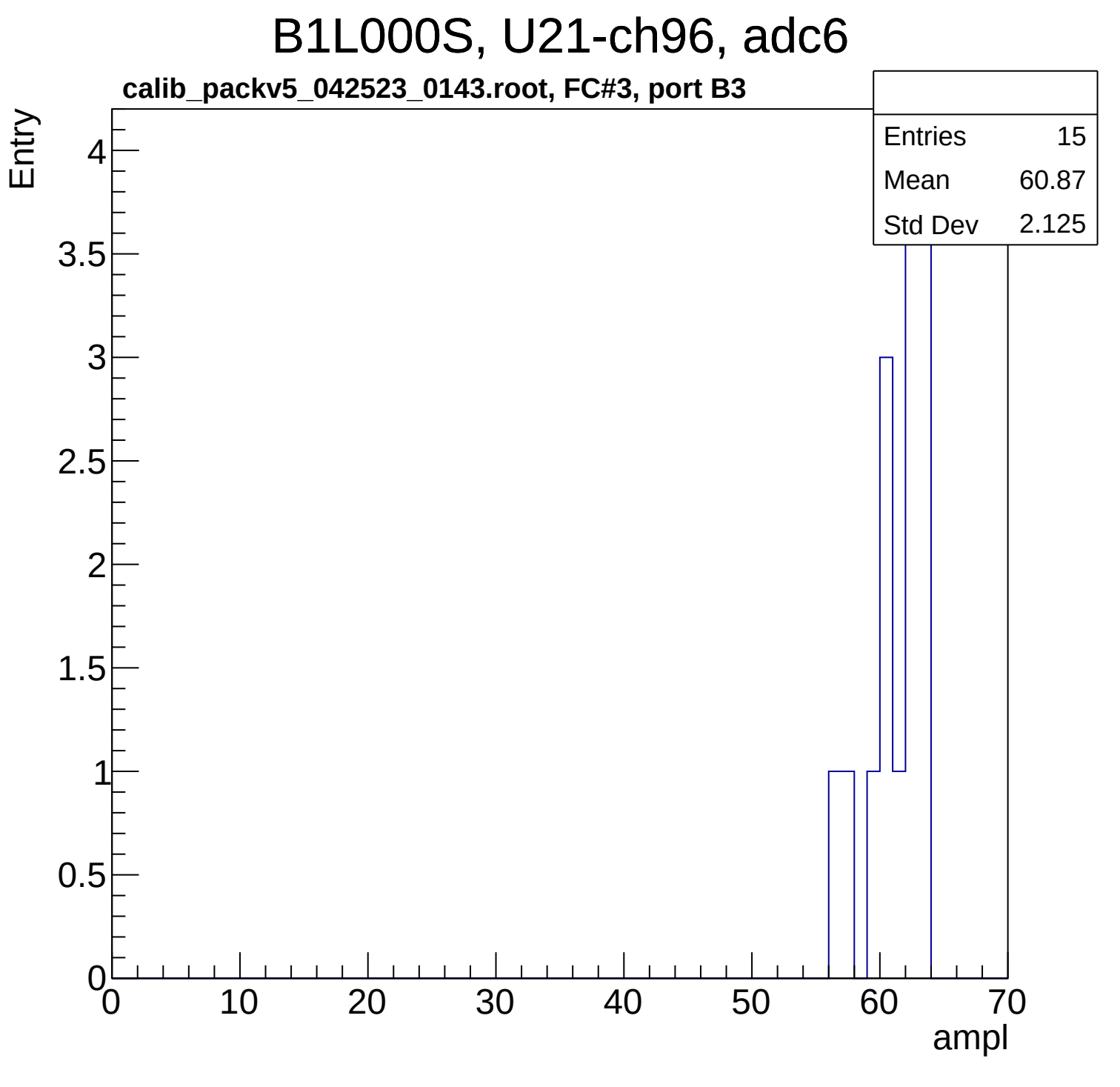

B1L000S, U21-ch96, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 34.41
Std Dev 3.085
Gaus mean : 35.1042
Gaus Width: 3.1089
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

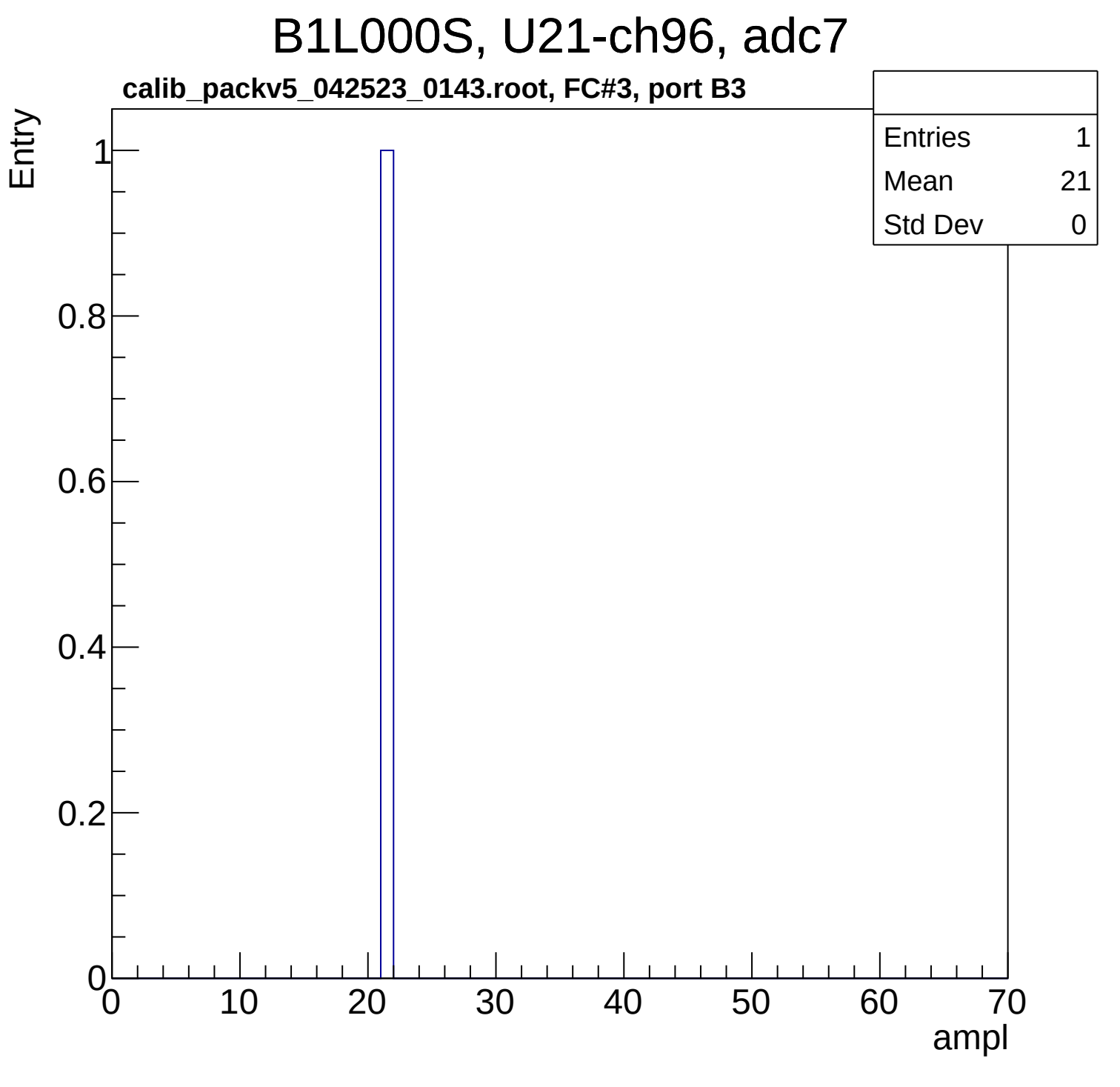

B1L000S, U21-ch96, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 40.46
Std Dev 3.027
Gaus mean : 41.1796
Gaus Width: 3.4448
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

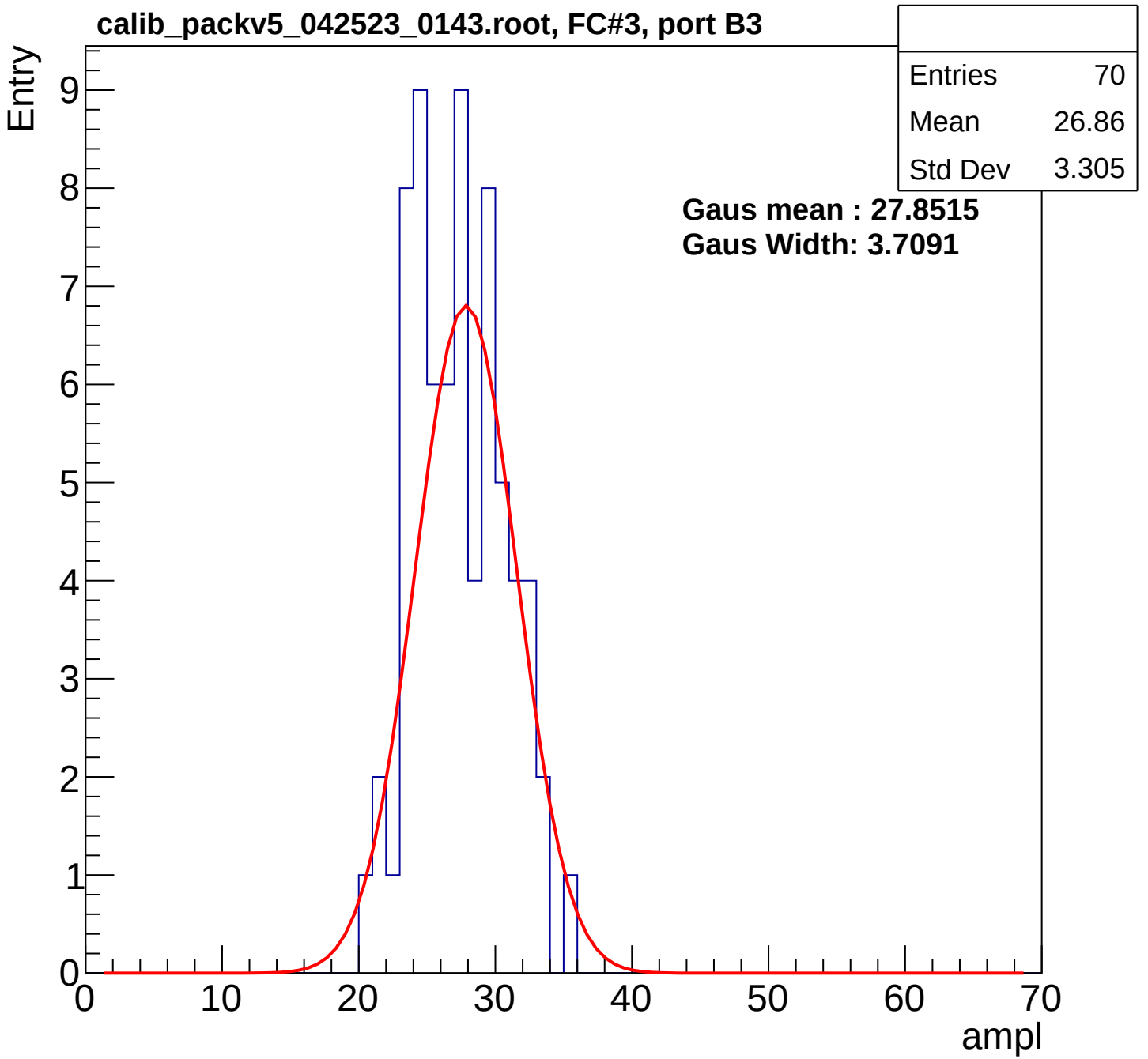

B1L000S, U21-ch96, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 46.97
Std Dev 3.139
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

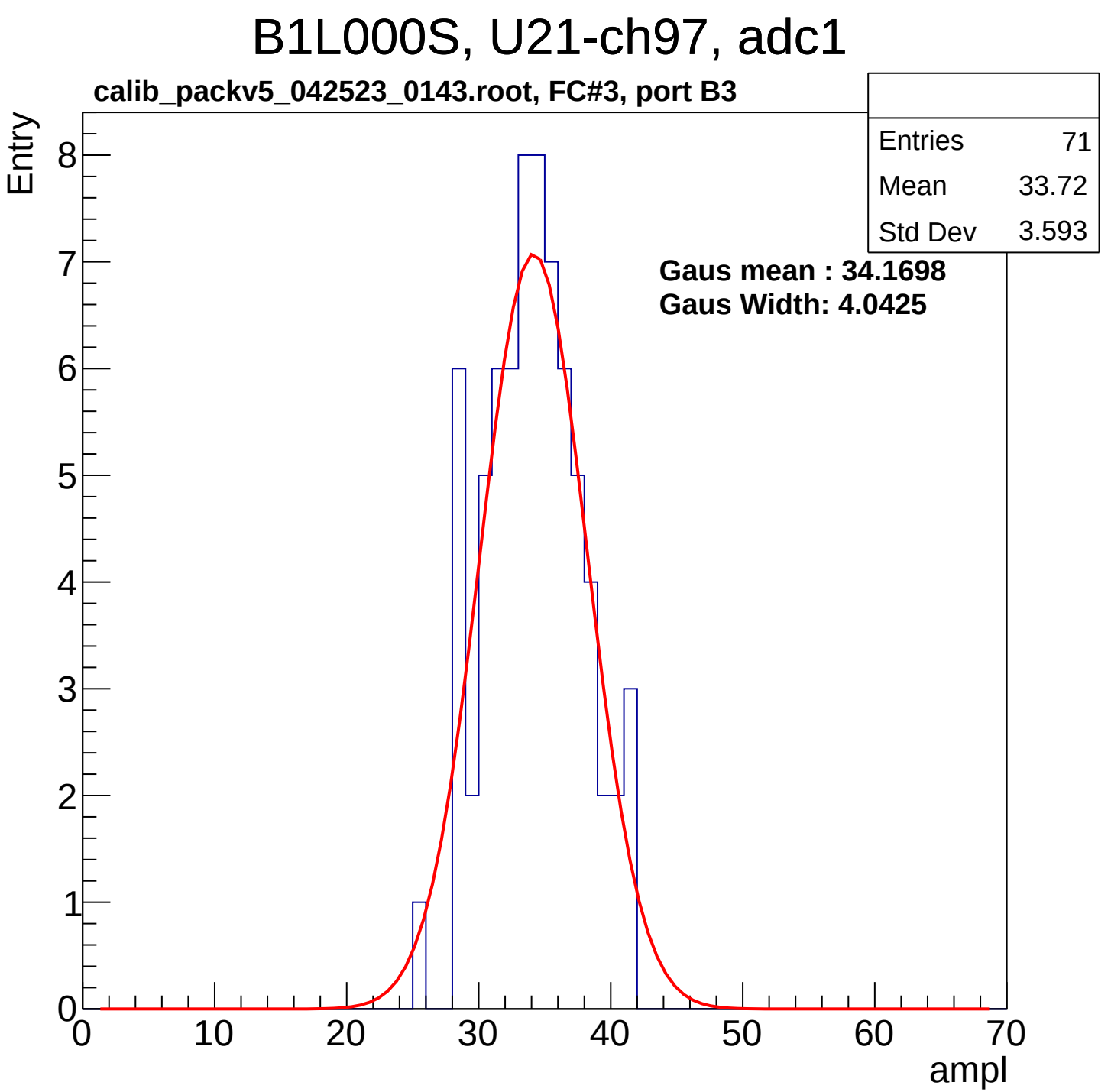

B1L000S, U21-ch96, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 52.86
Std Dev 3.181
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

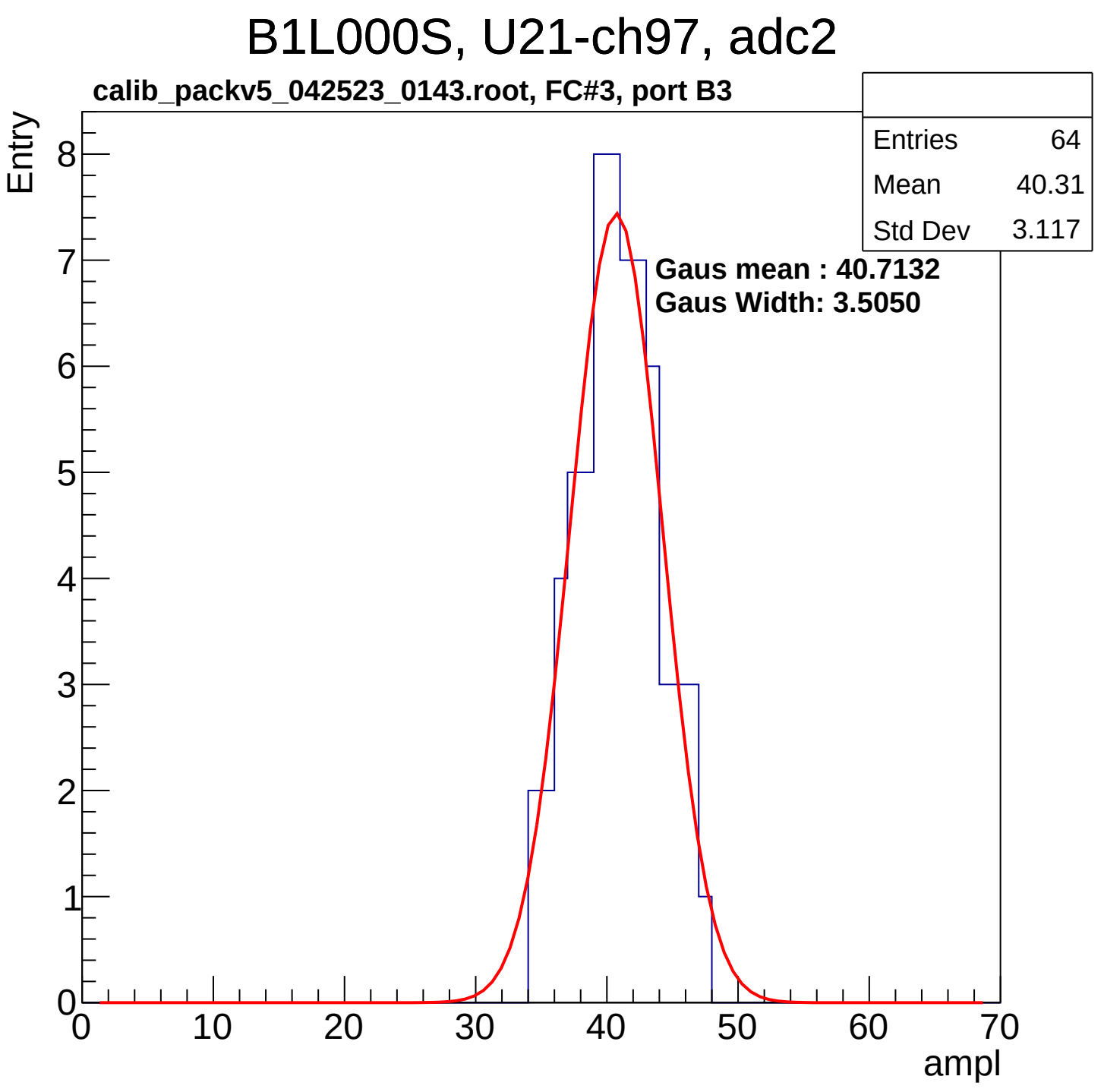

B1L000S, U21-ch96, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 57.54
Std Dev 7.414
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

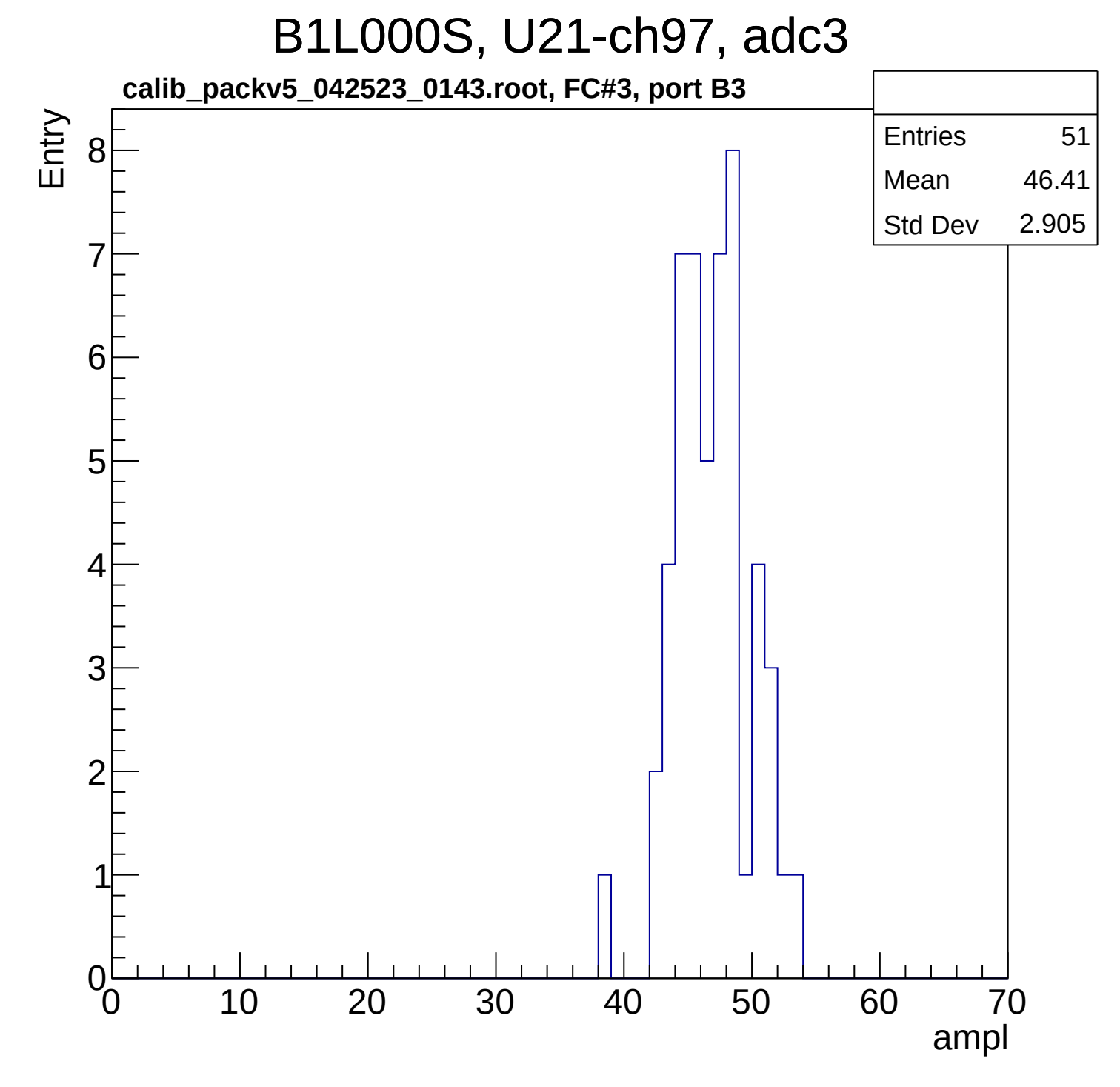

B1L000S, U21-ch96, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 60.87
Std Dev 2.125
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

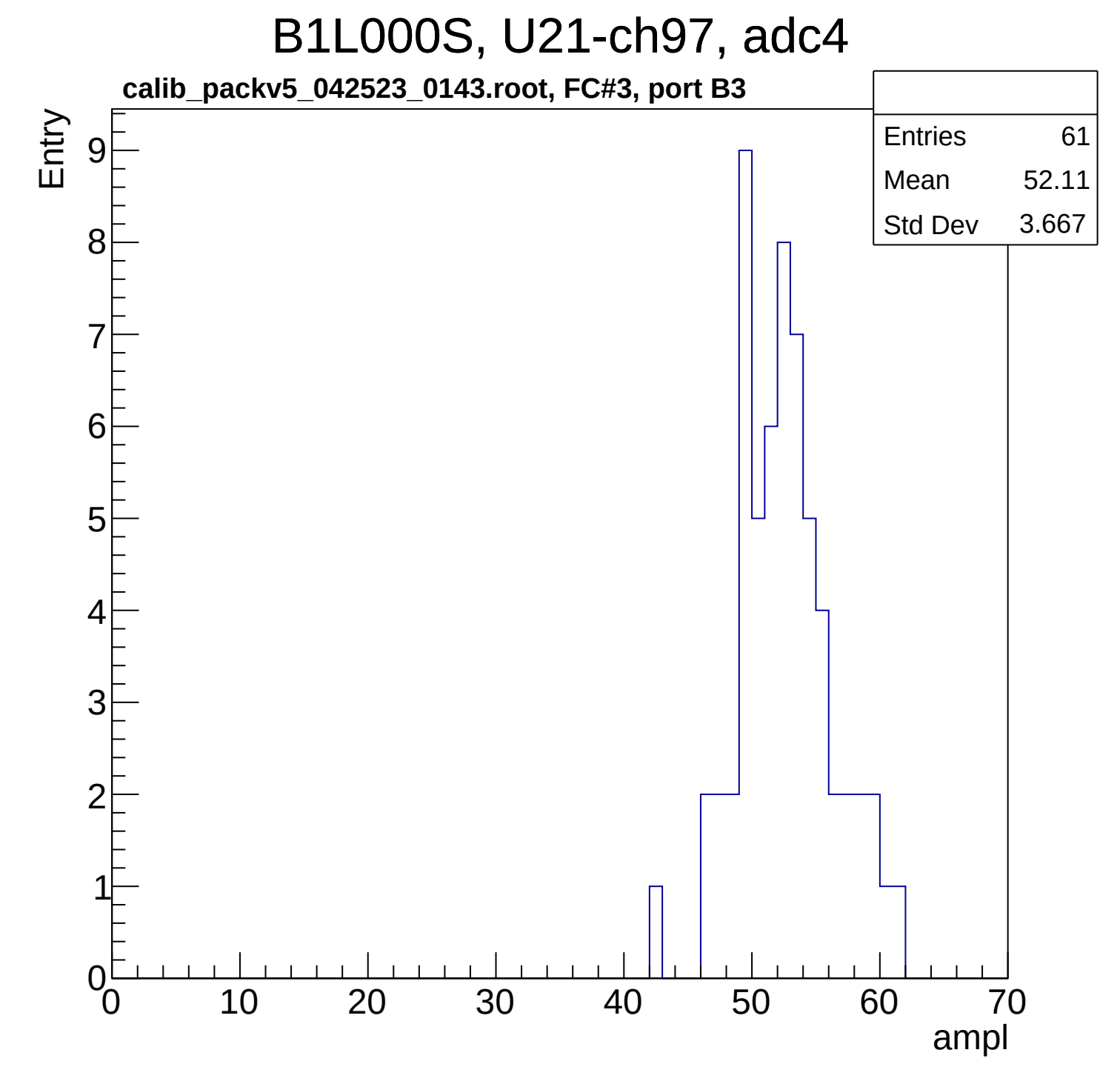

B1L000S, U21-ch96, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 21
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

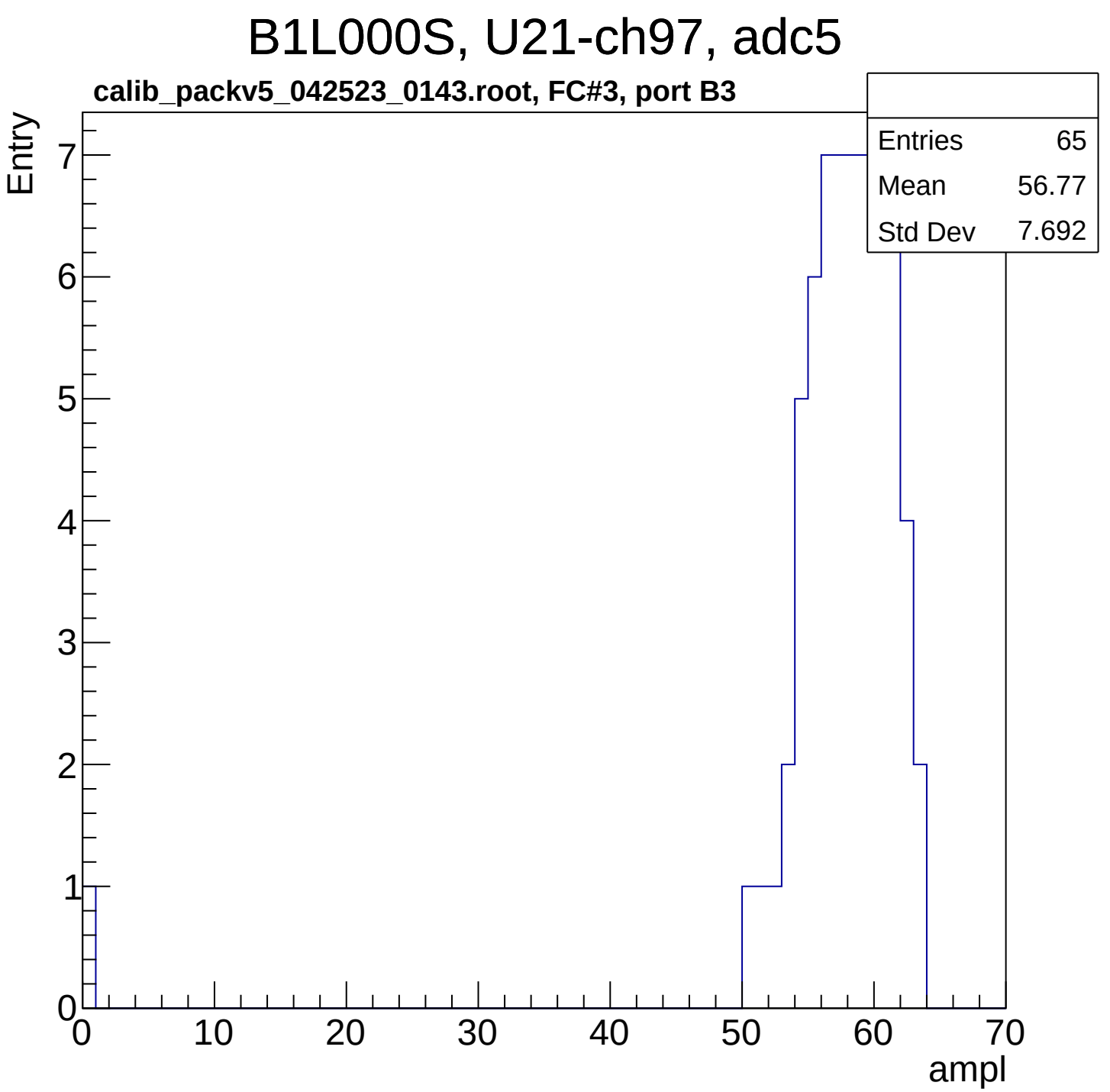

B1L000S, U21-ch97, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 26.86
Std Dev 3.305
Gaus mean : 27.8515
Gaus Width: 3.7091
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

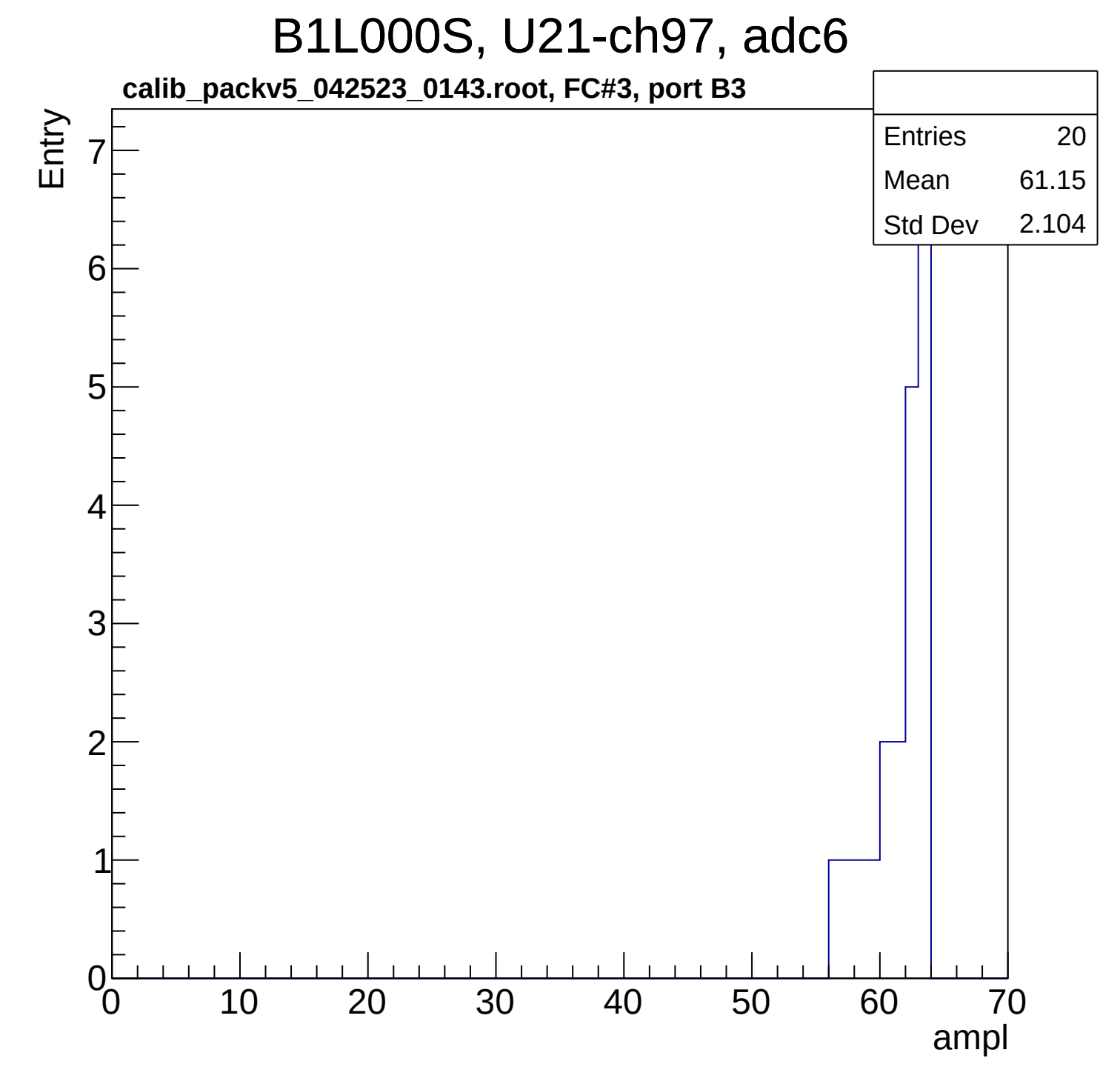

B1L000S, U21-ch97, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 33.72
Std Dev 3.593
Gaus mean : 34.1698
Gaus Width: 4.0425
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

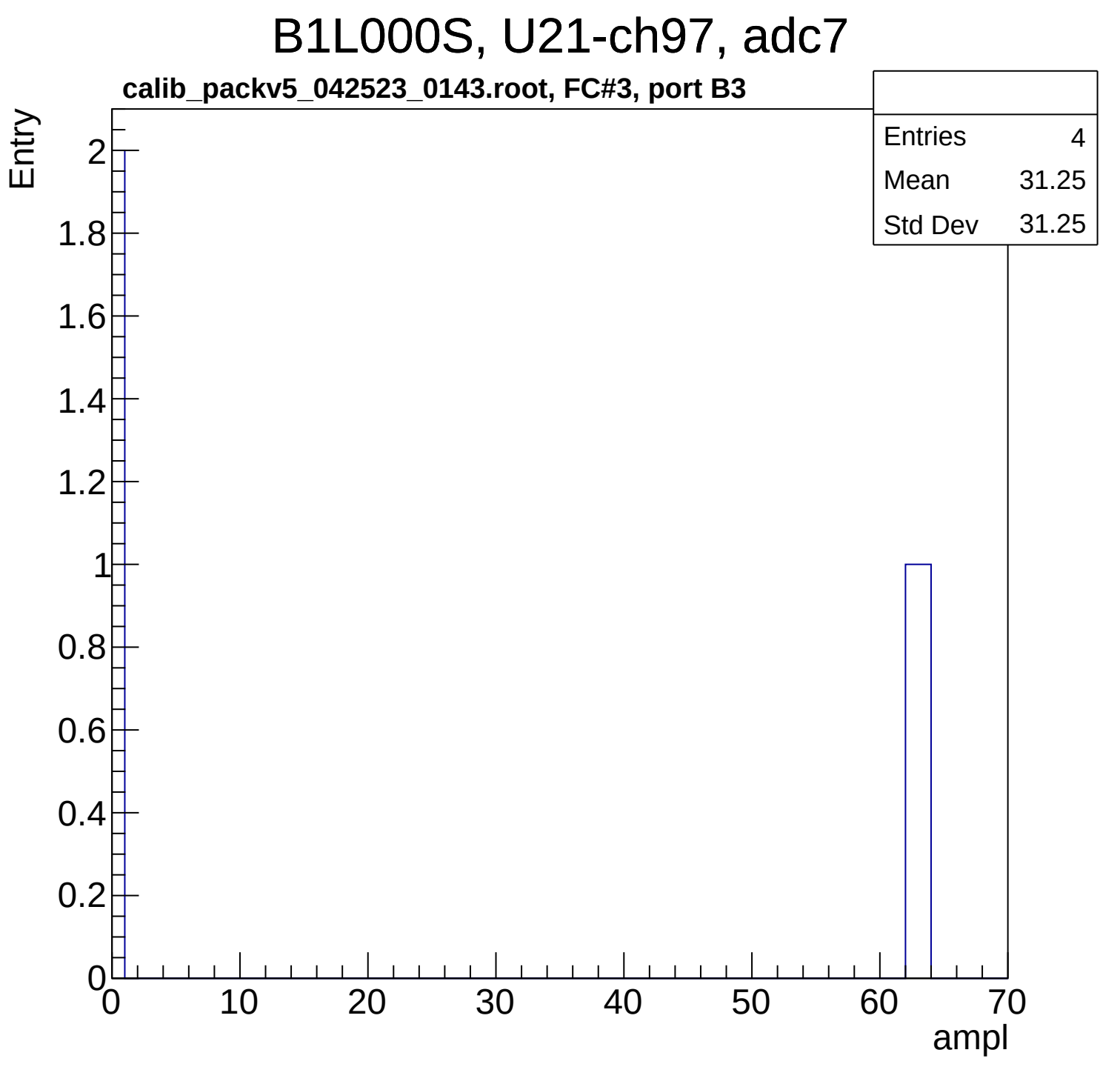

B1L000S, U21-ch97, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 40.31
Std Dev 3.117
Gaus mean : 40.7132
Gaus Width: 3.5050
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

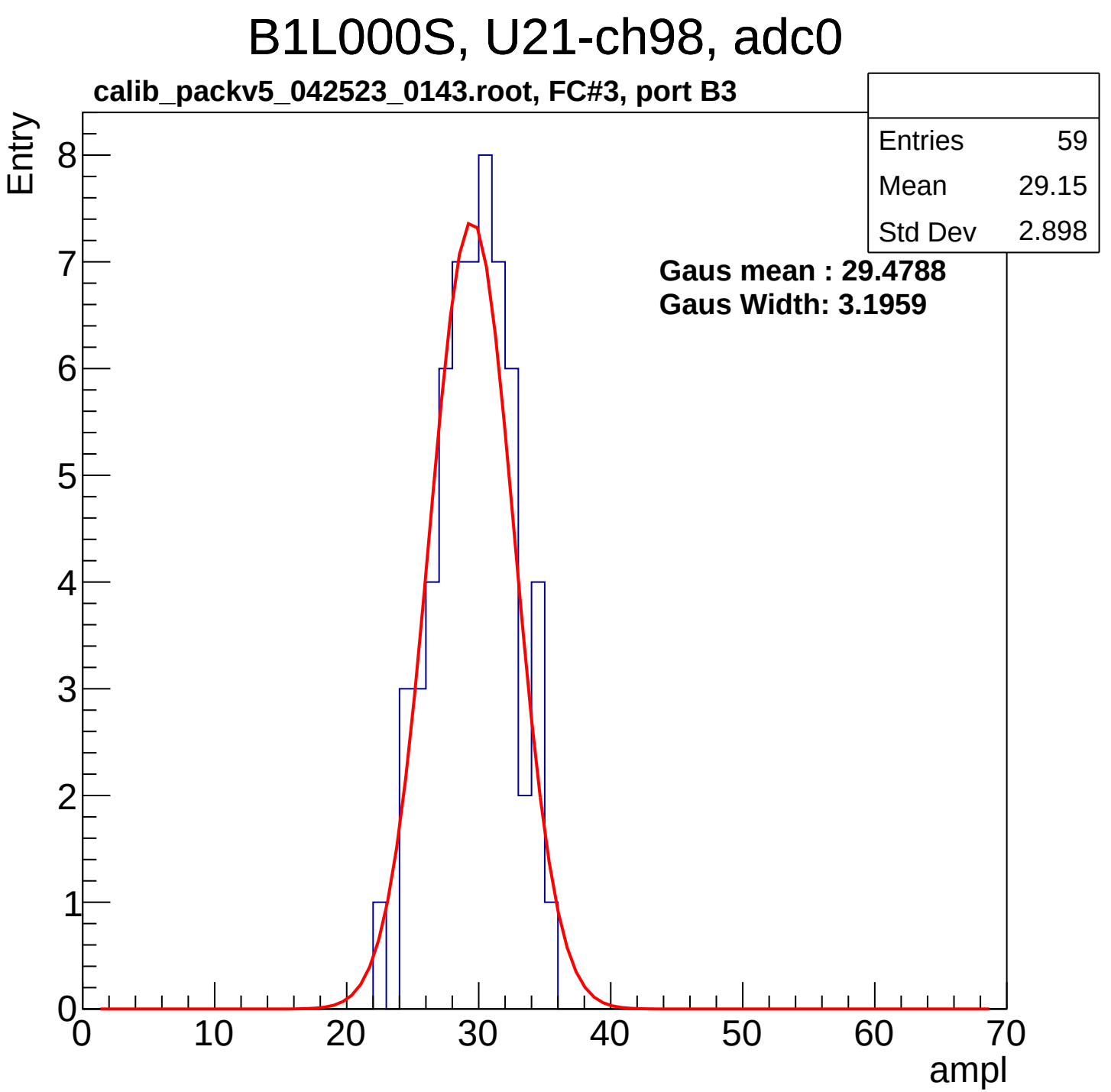

B1L000S, U21-ch97, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 46.41
Std Dev 2.905
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

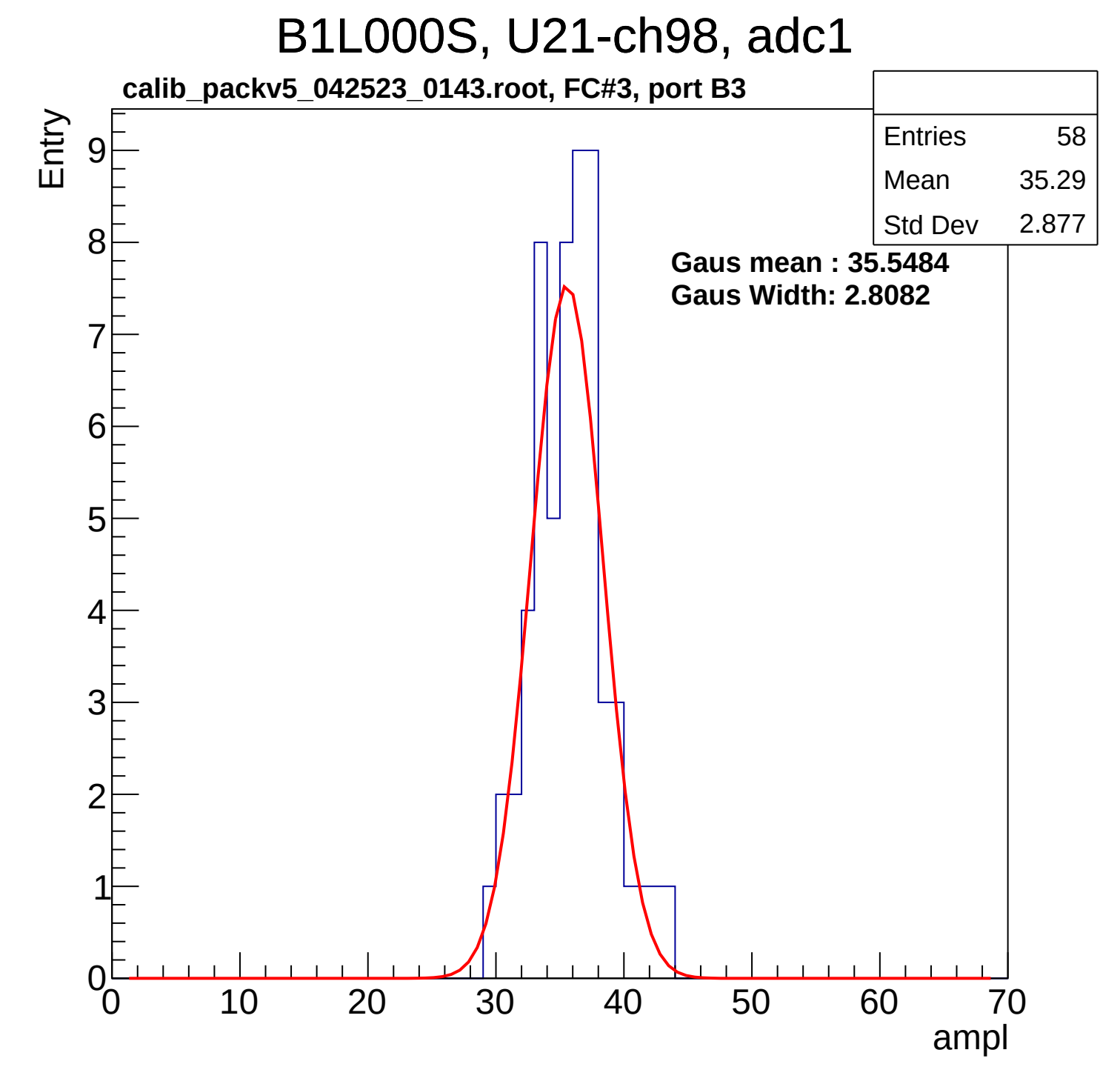

B1L000S, U21-ch97, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 52.11
Std Dev 3.667
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

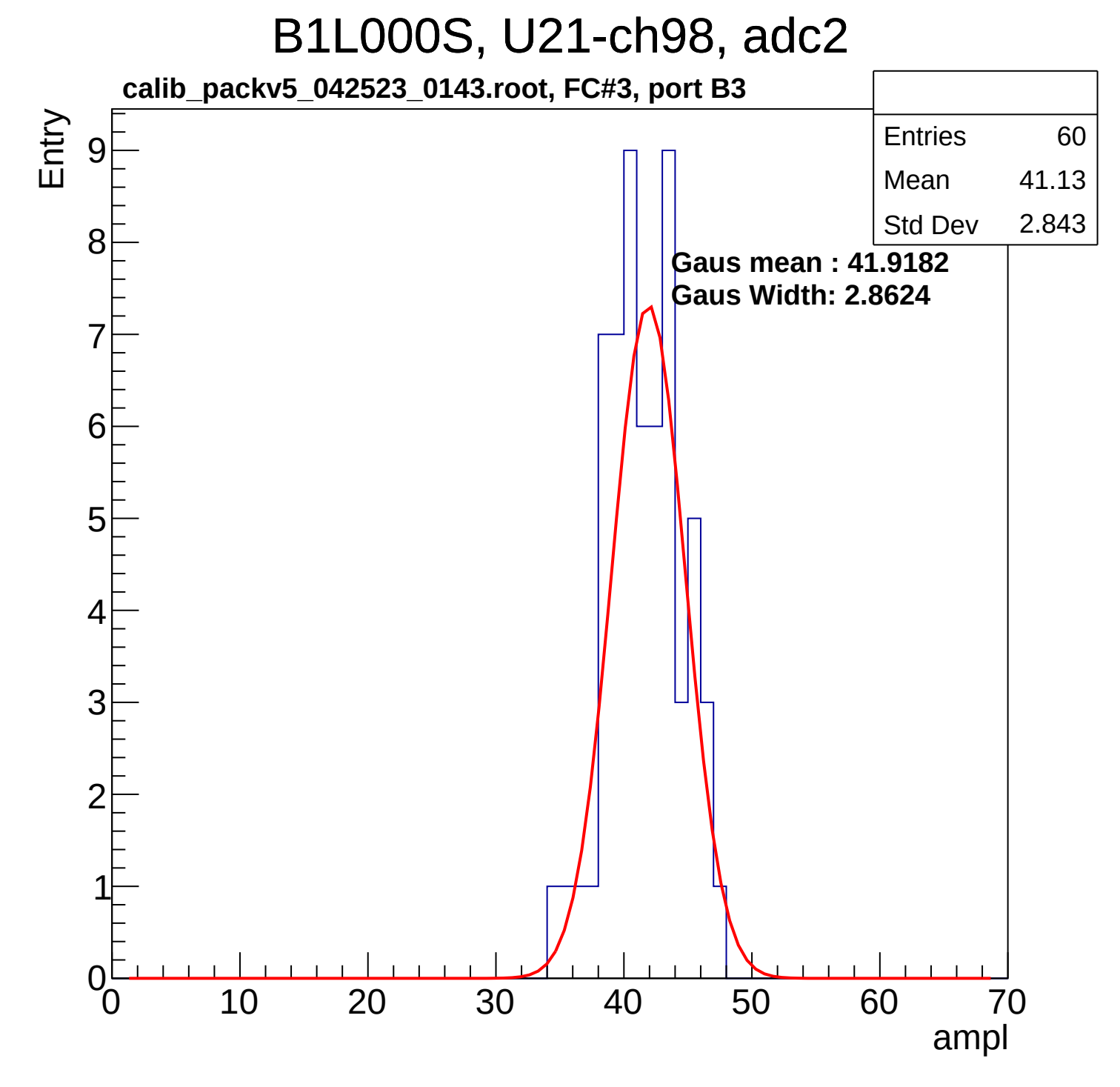

B1L000S, U21-ch97, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 56.77
Std Dev 7.692
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

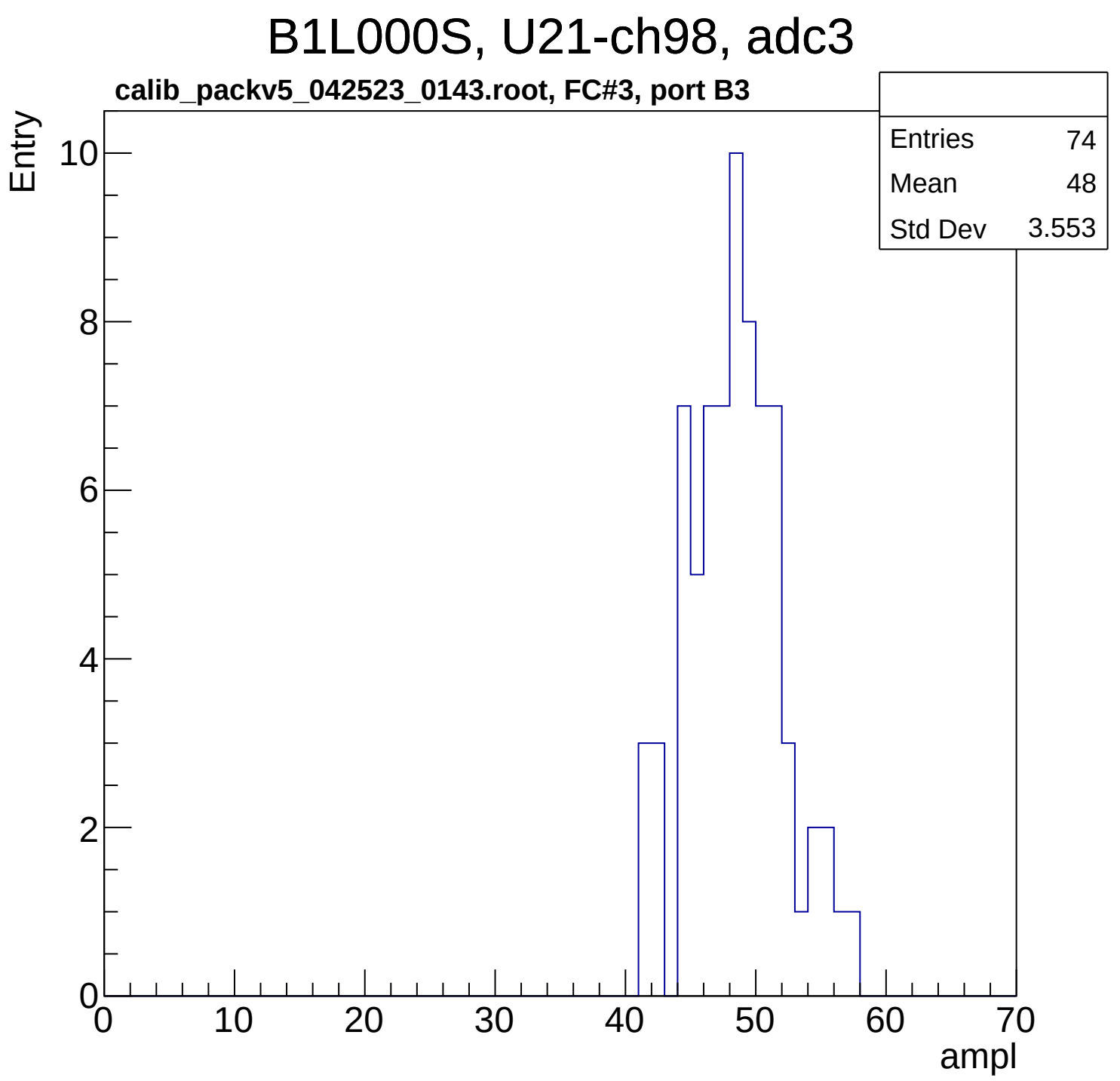

B1L000S, U21-ch97, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 20
Mean 61.15
Std Dev 2.104
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

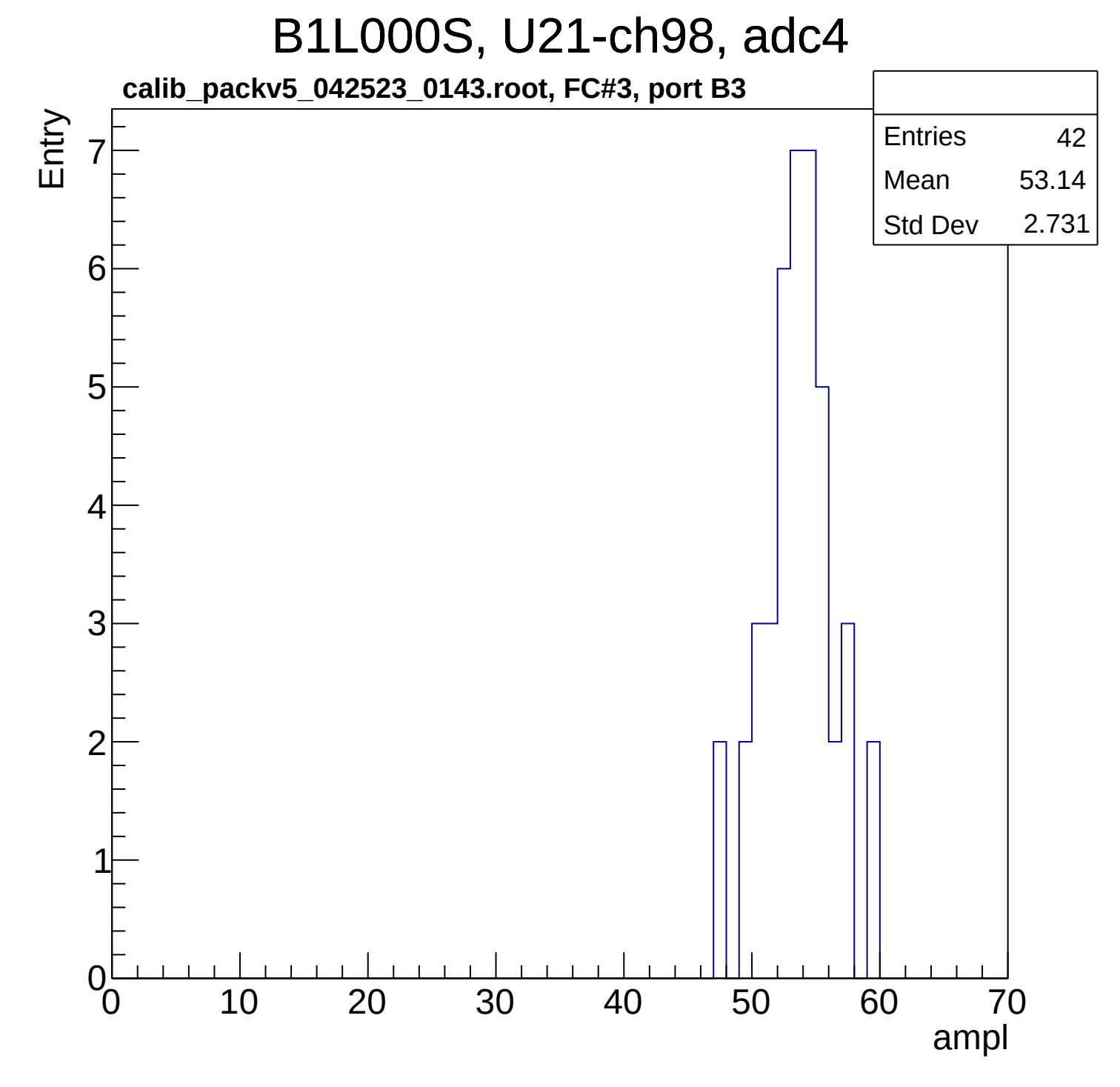

B1L000S, U21-ch97, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 31.25
Std Dev 31.25
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

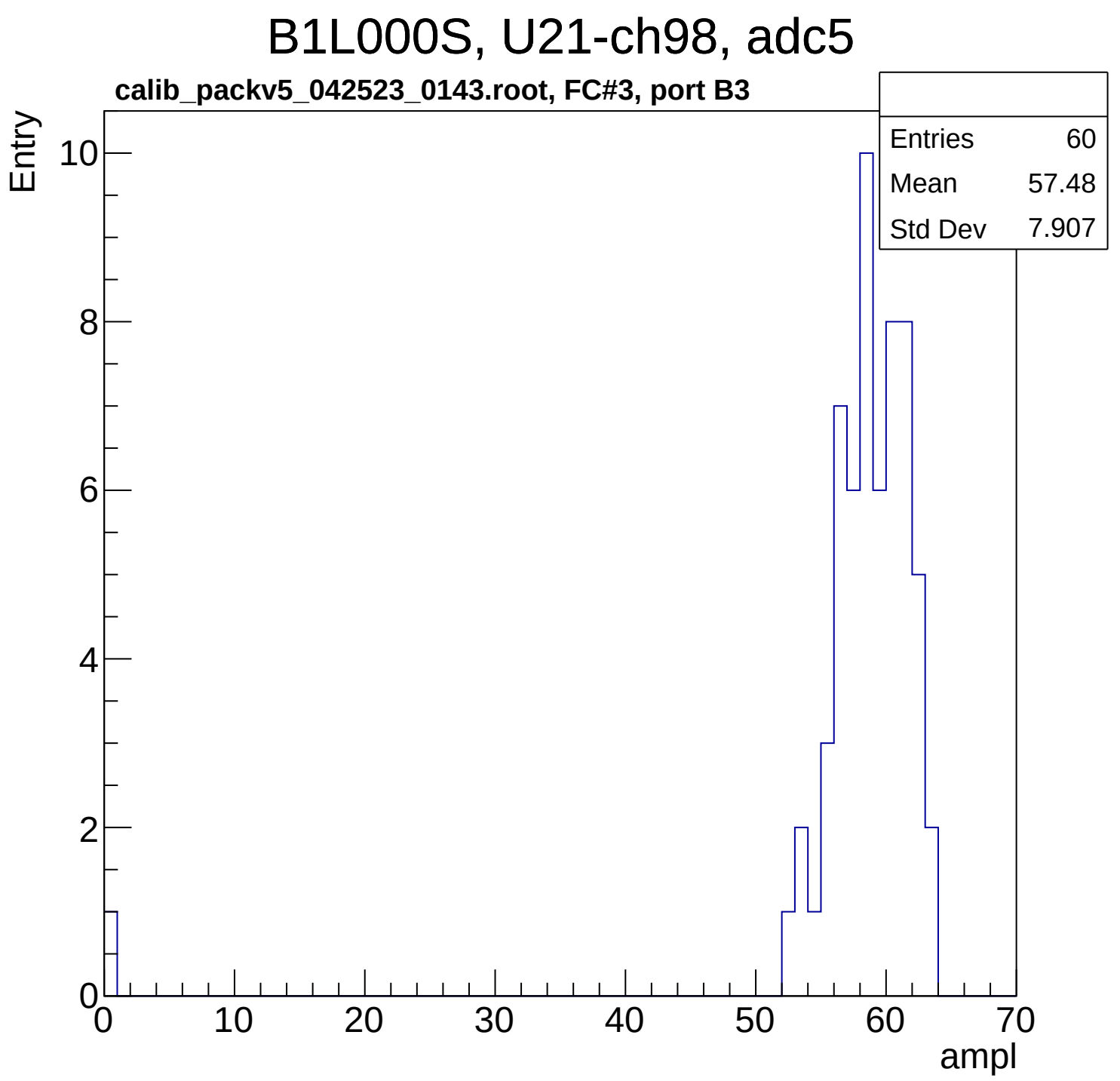

B1L000S, U21-ch98, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 29.15
Std Dev 2.898
Gaus mean : 29.4788
Gaus Width: 3.1959
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

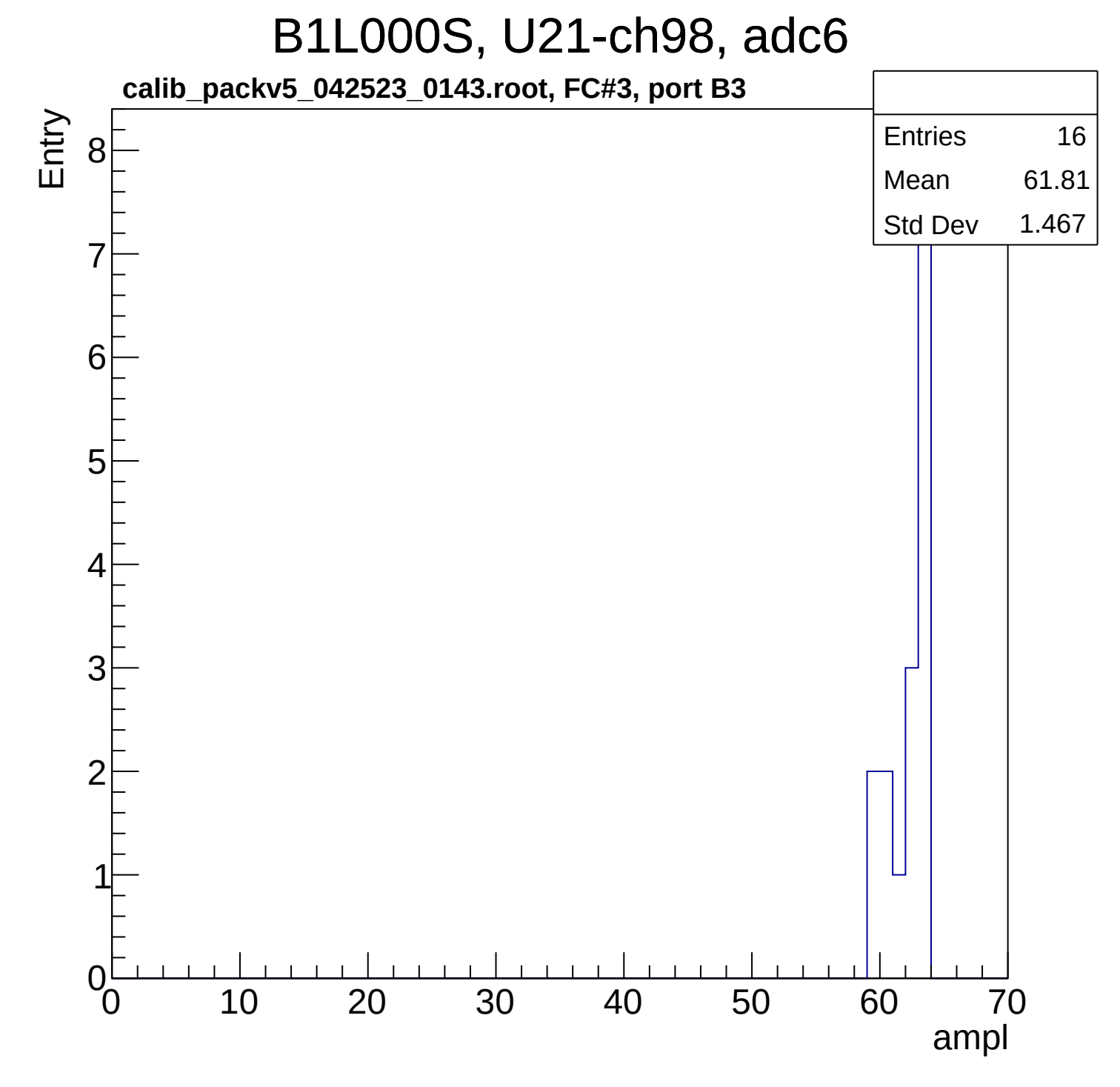

B1L000S, U21-ch98, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 35.29
Std Dev 2.877
Gaus mean : 35.5484
Gaus Width: 2.8082
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

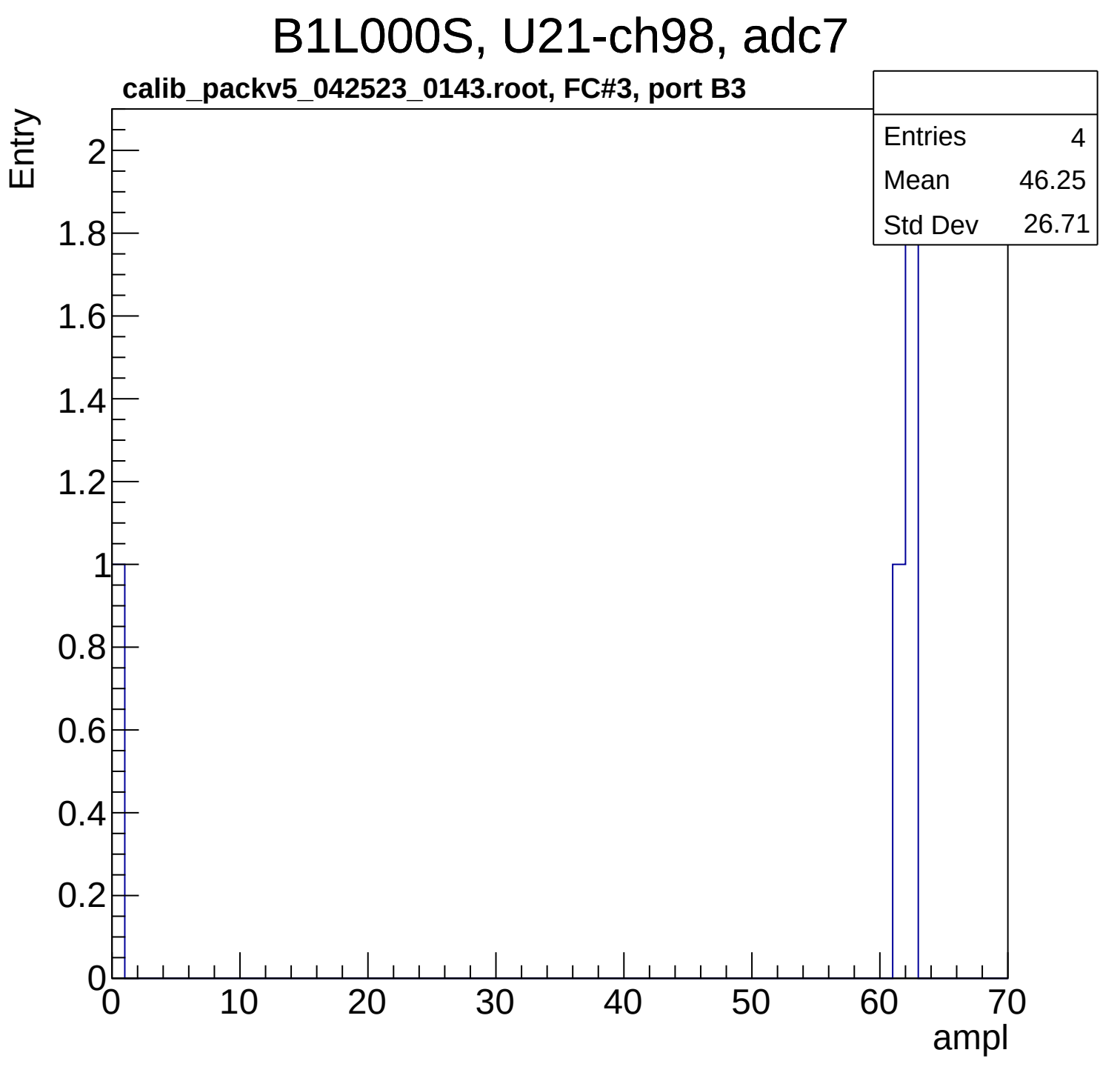

B1L000S, U21-ch98, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 41.13
Std Dev 2.843
Gaus mean : 41.9182
Gaus Width: 2.8624
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

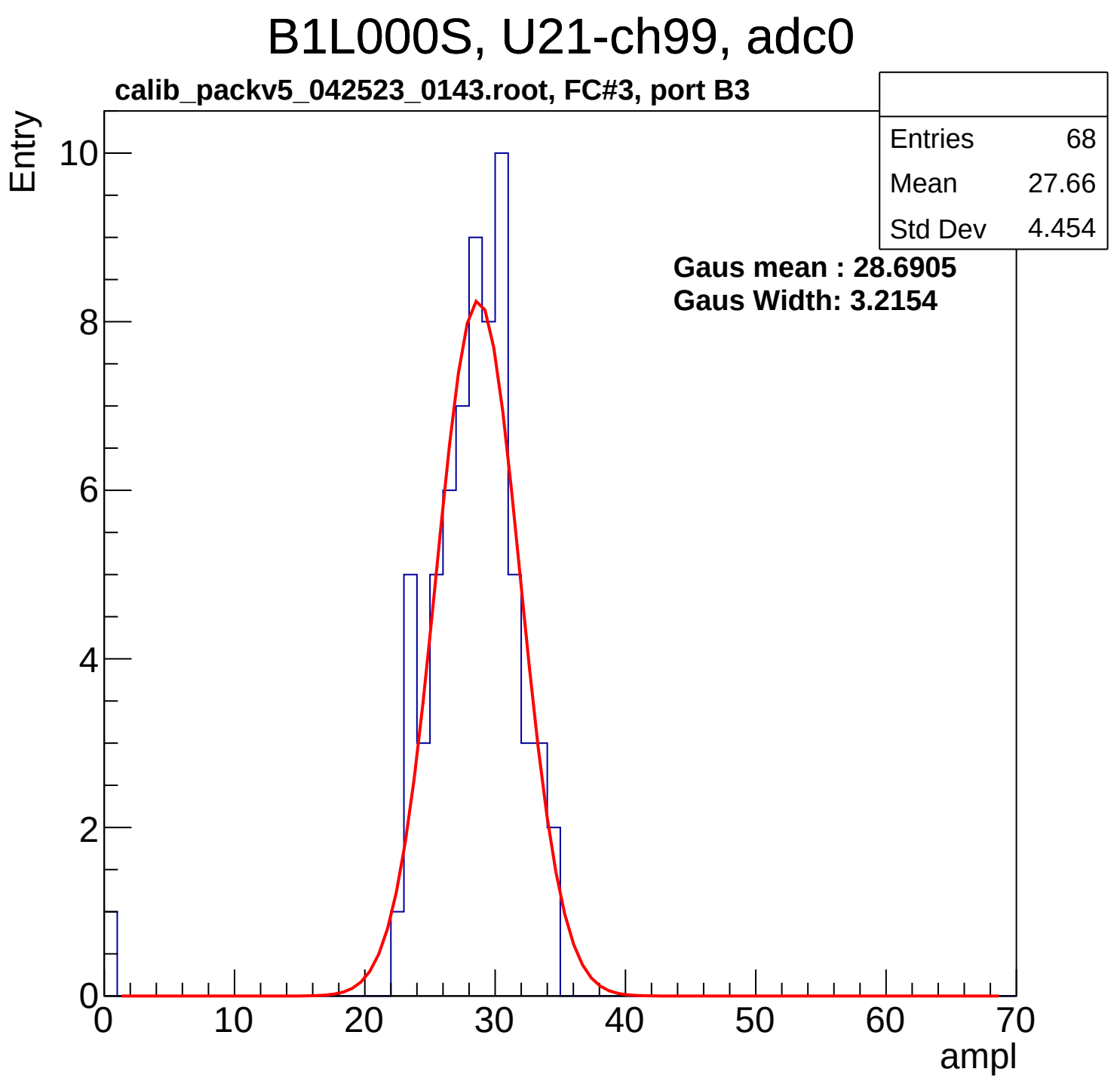

B1L000S, U21-ch98, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 48
Std Dev 3.553
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

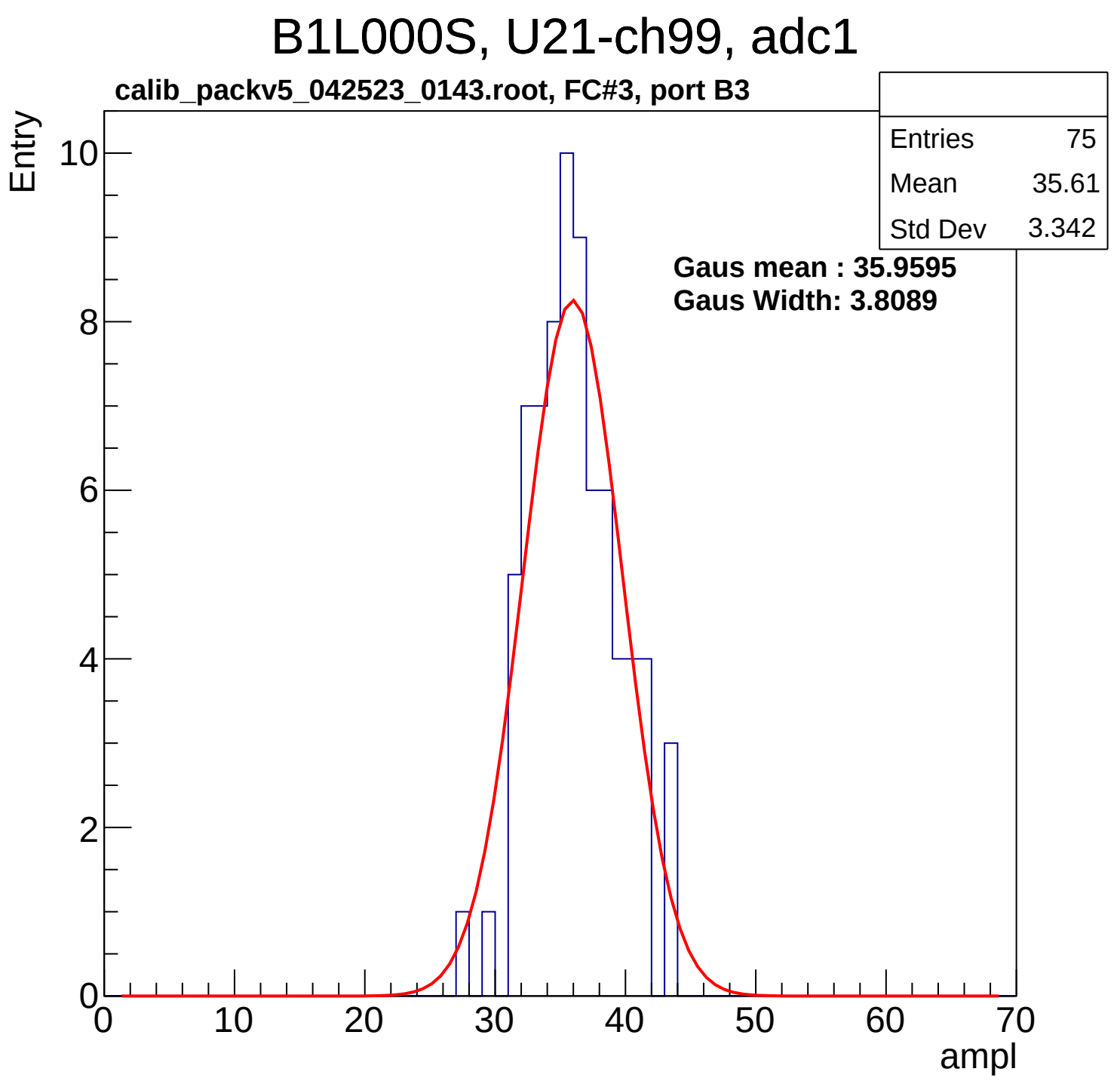

B1L000S, U21-ch98, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 53.14
Std Dev 2.731
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

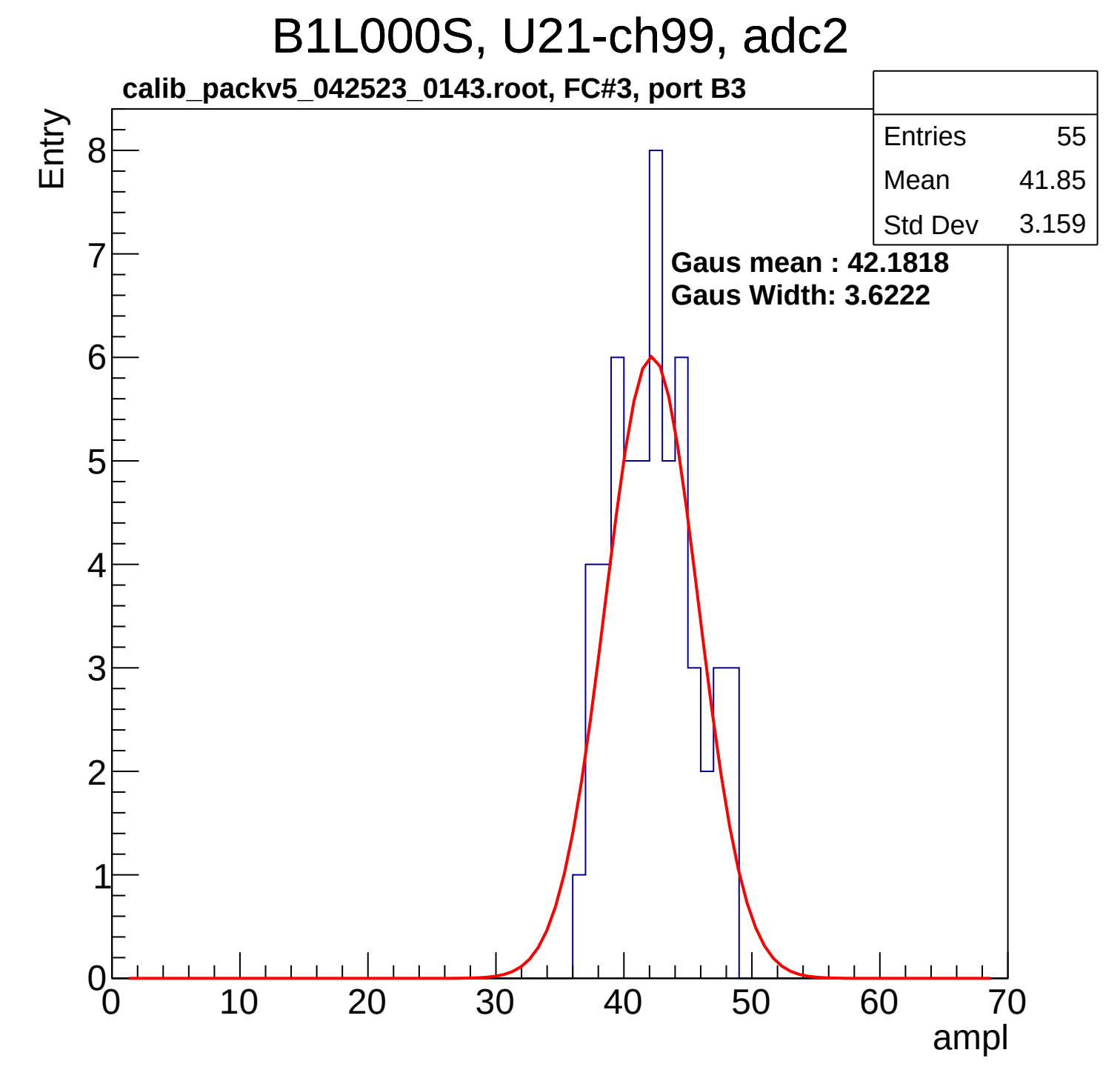

B1L000S, U21-ch98, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 57.48
Std Dev 7.907
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

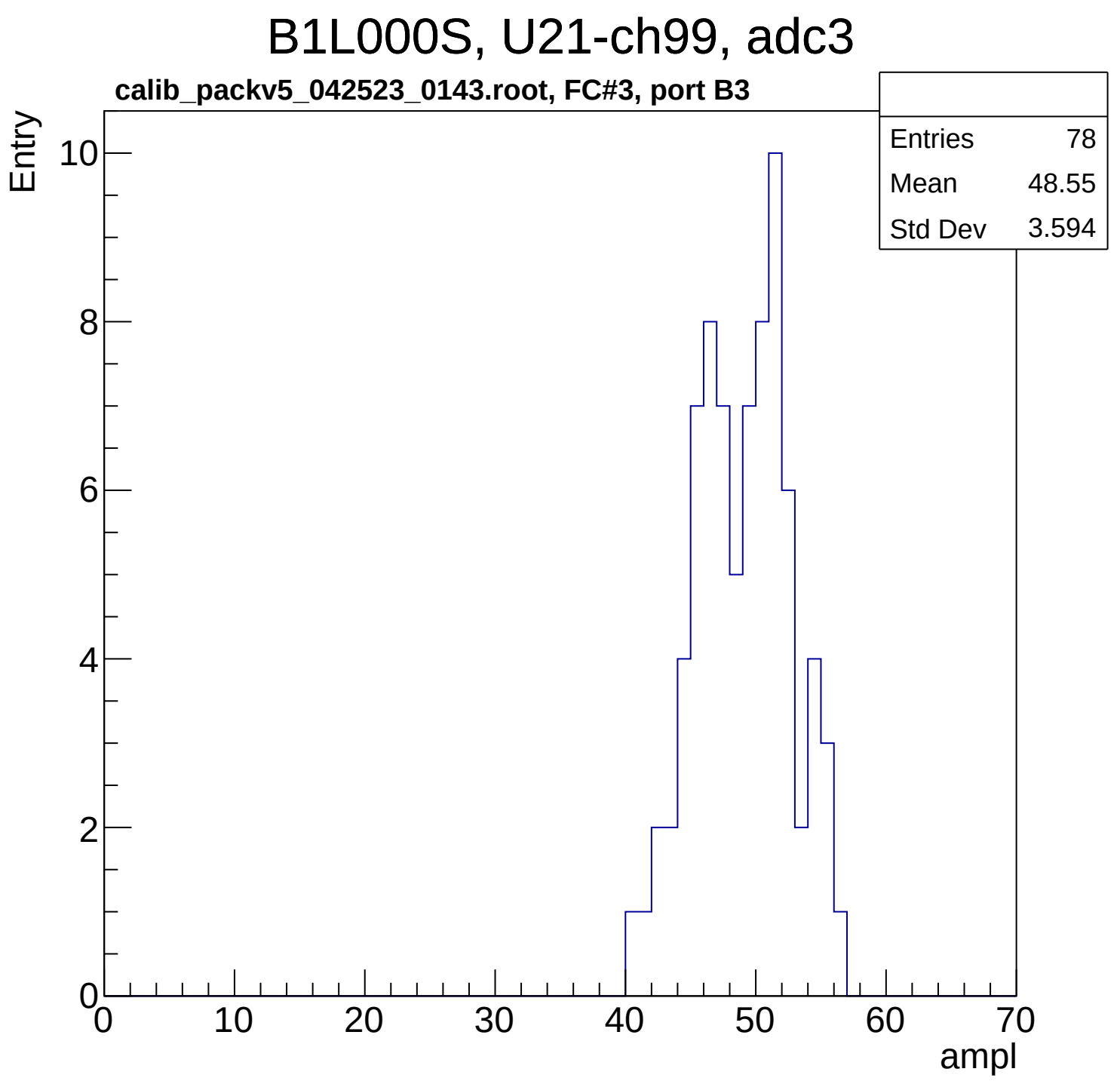

B1L000S, U21-ch98, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 61.81
Std Dev 1.467
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

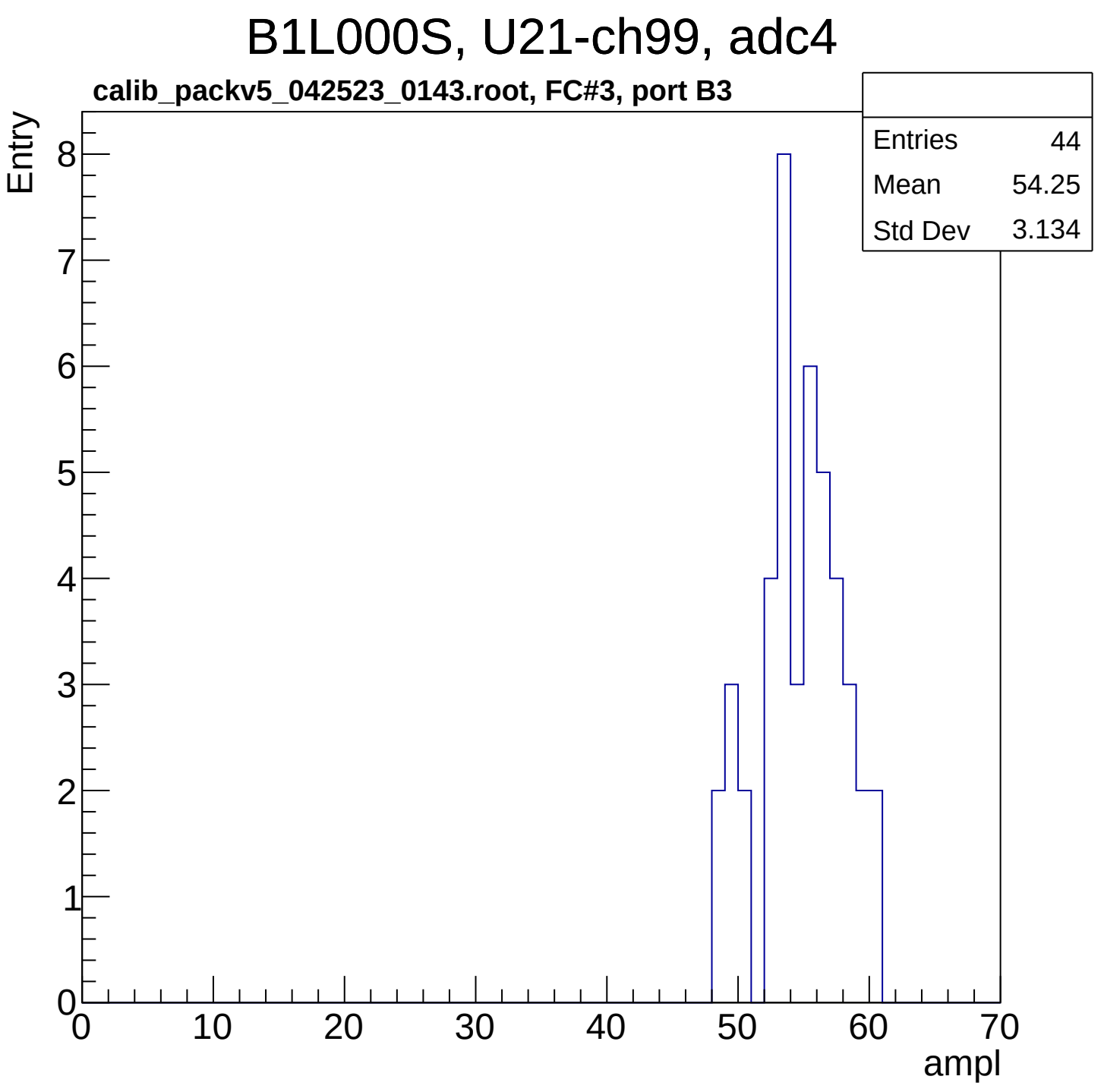

B1L000S, U21-ch98, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 46.25
Std Dev 26.71
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

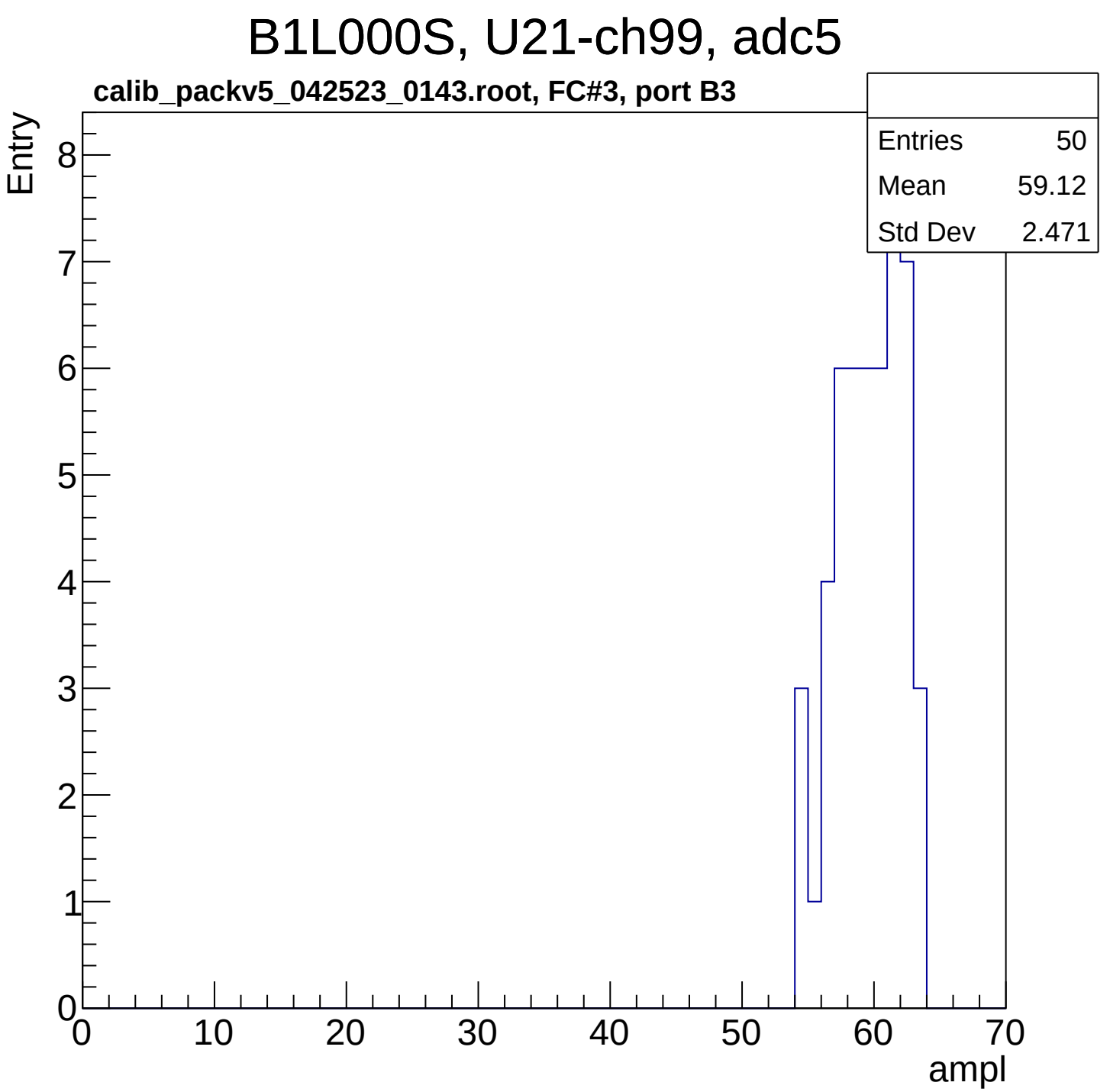

B1L000S, U21-ch99, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 27.66
Std Dev 4.454
Gaus mean : 28.6905
Gaus Width: 3.2154
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

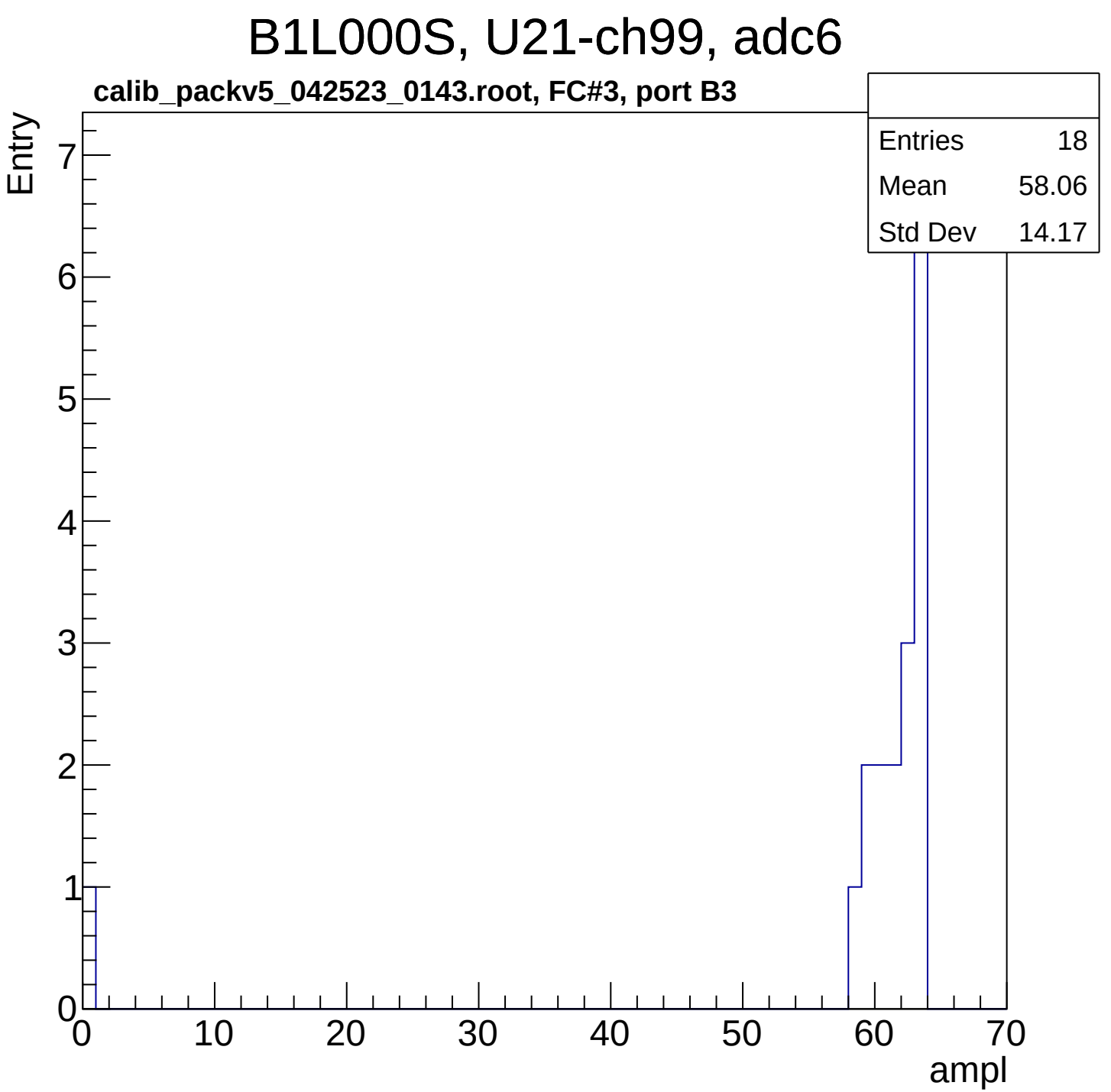

B1L000S, U21-ch99, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 35.61
Std Dev 3.342
Gaus mean : 35.9595
Gaus Width: 3.8089
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

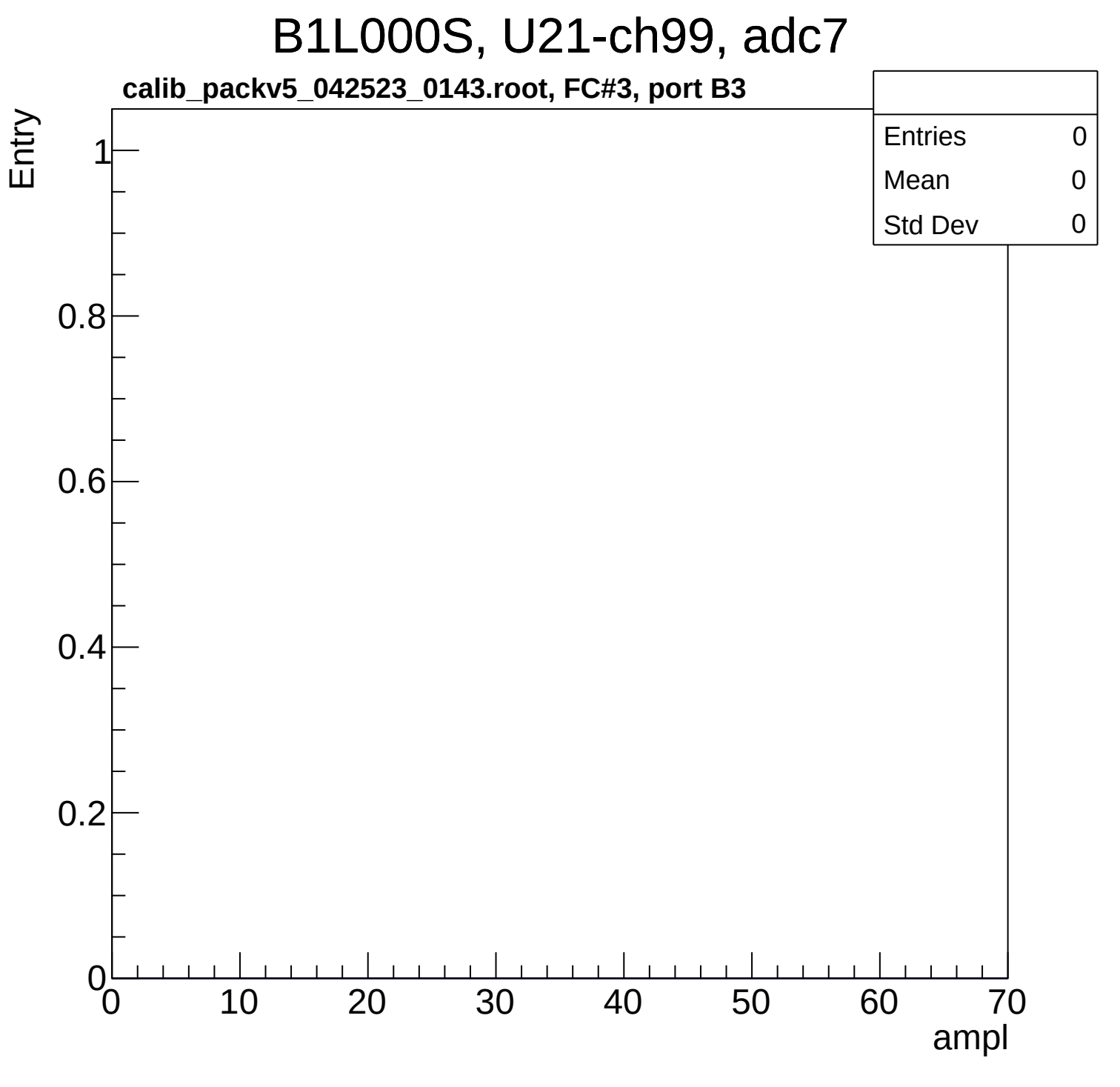

B1L000S, U21-ch99, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 41.85
Std Dev 3.159
Gaus mean : 42.1818
Gaus Width: 3.6222
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

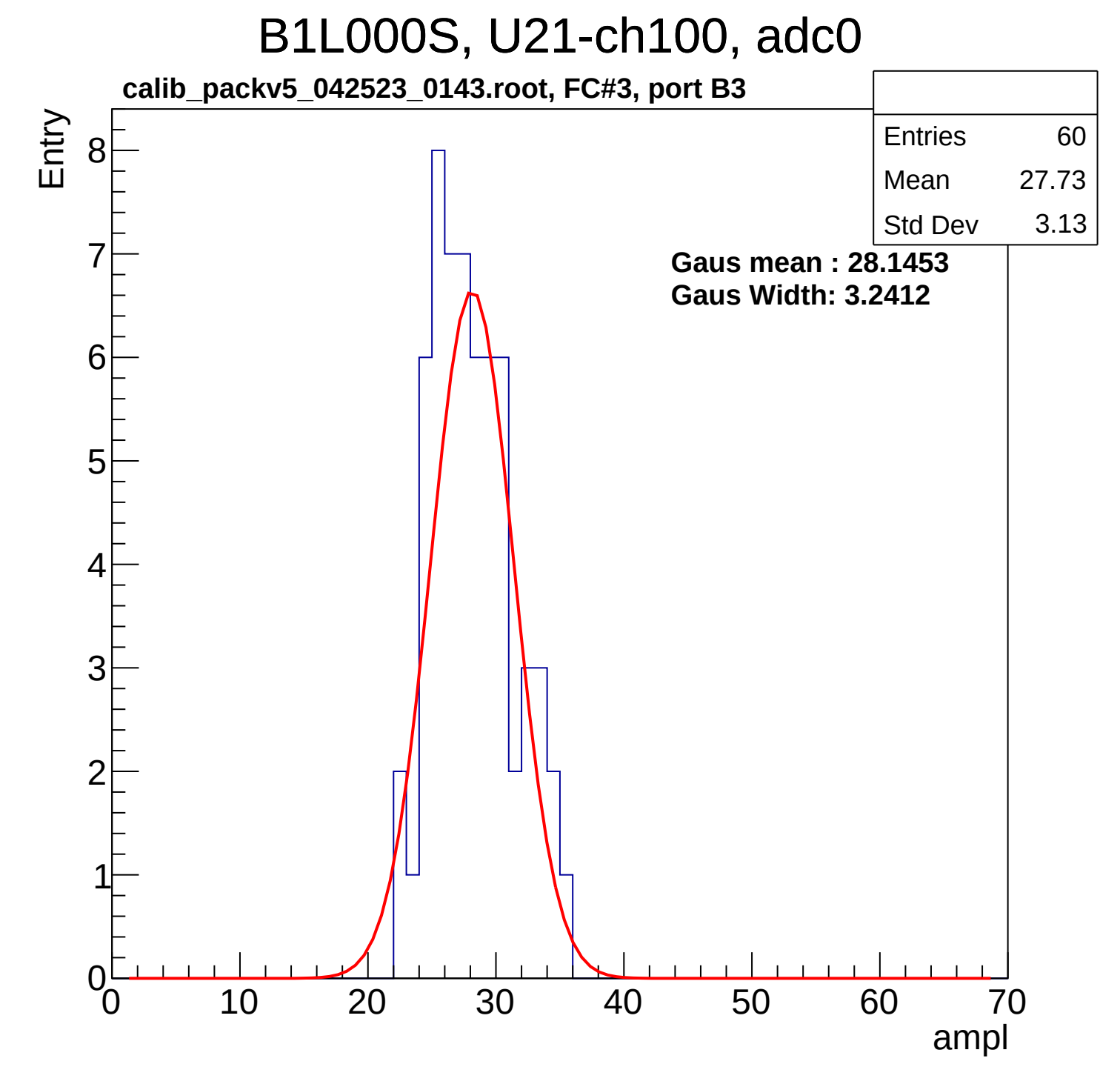

B1L000S, U21-ch99, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 48.55
Std Dev 3.594
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

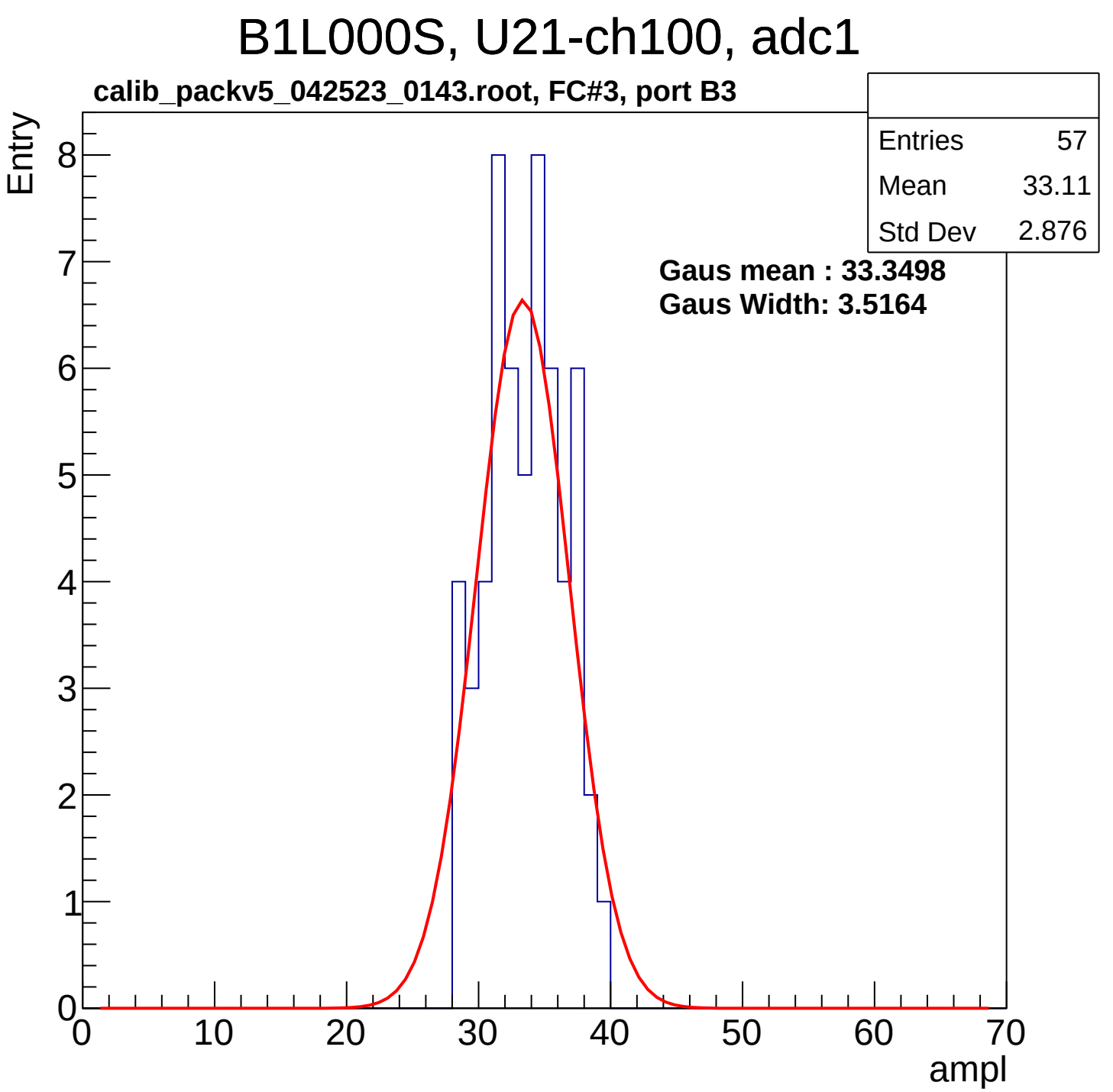

B1L000S, U21-ch99, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 54.25
Std Dev 3.134
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

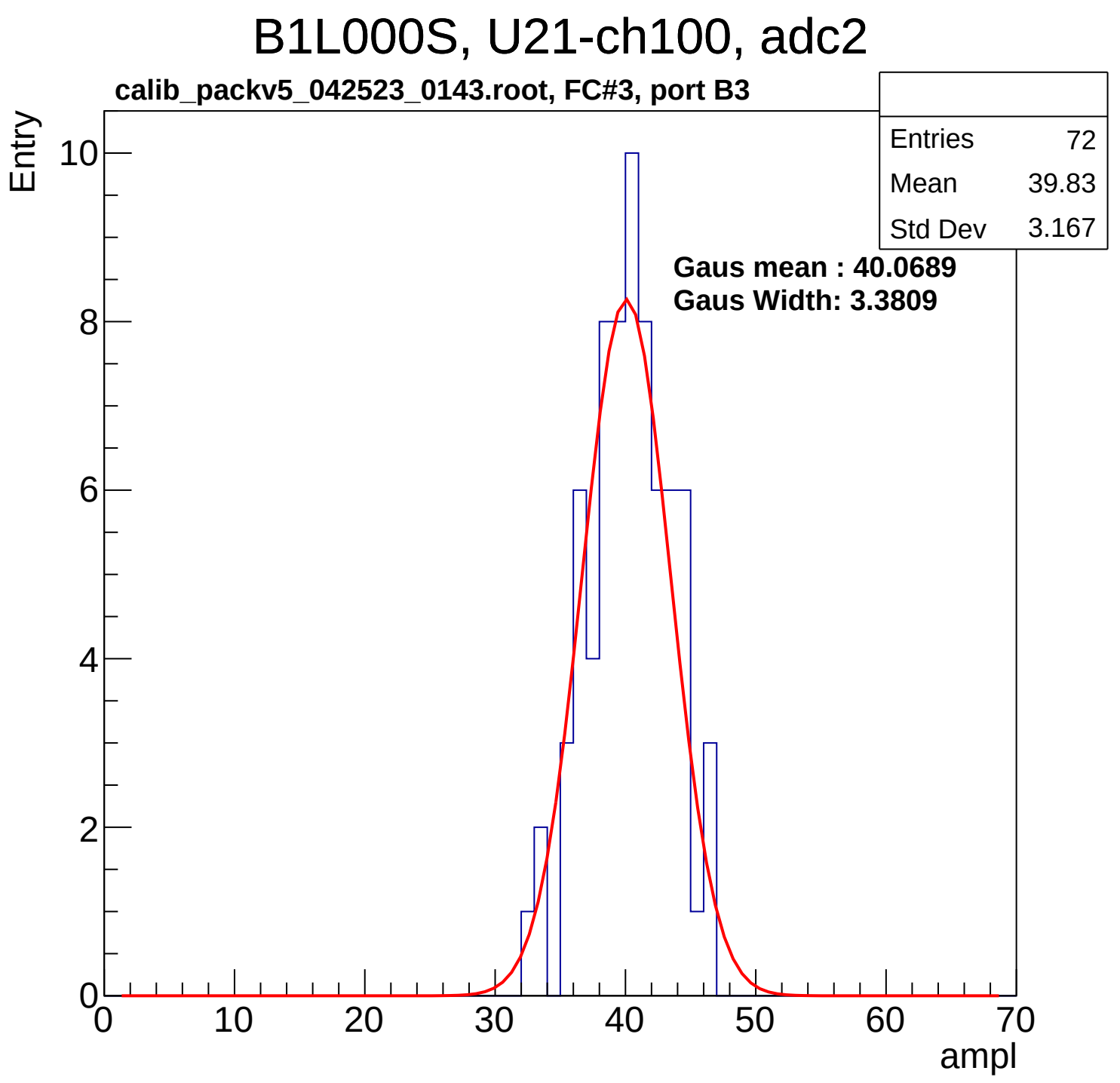

B1L000S, U21-ch99, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 59.12
Std Dev 2.471
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

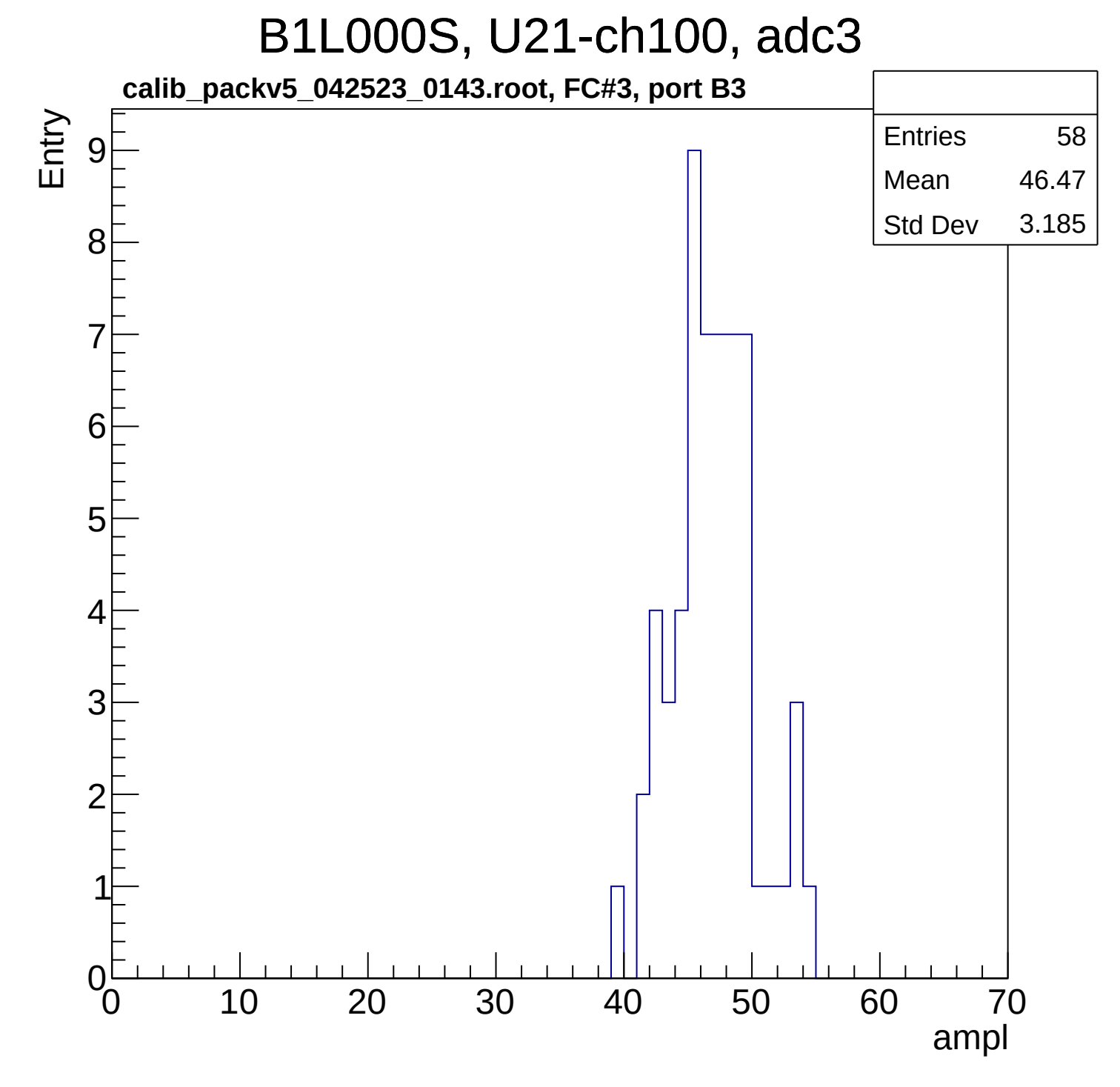

B1L000S, U21-ch99, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 18
Mean 58.06
Std Dev 14.17
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

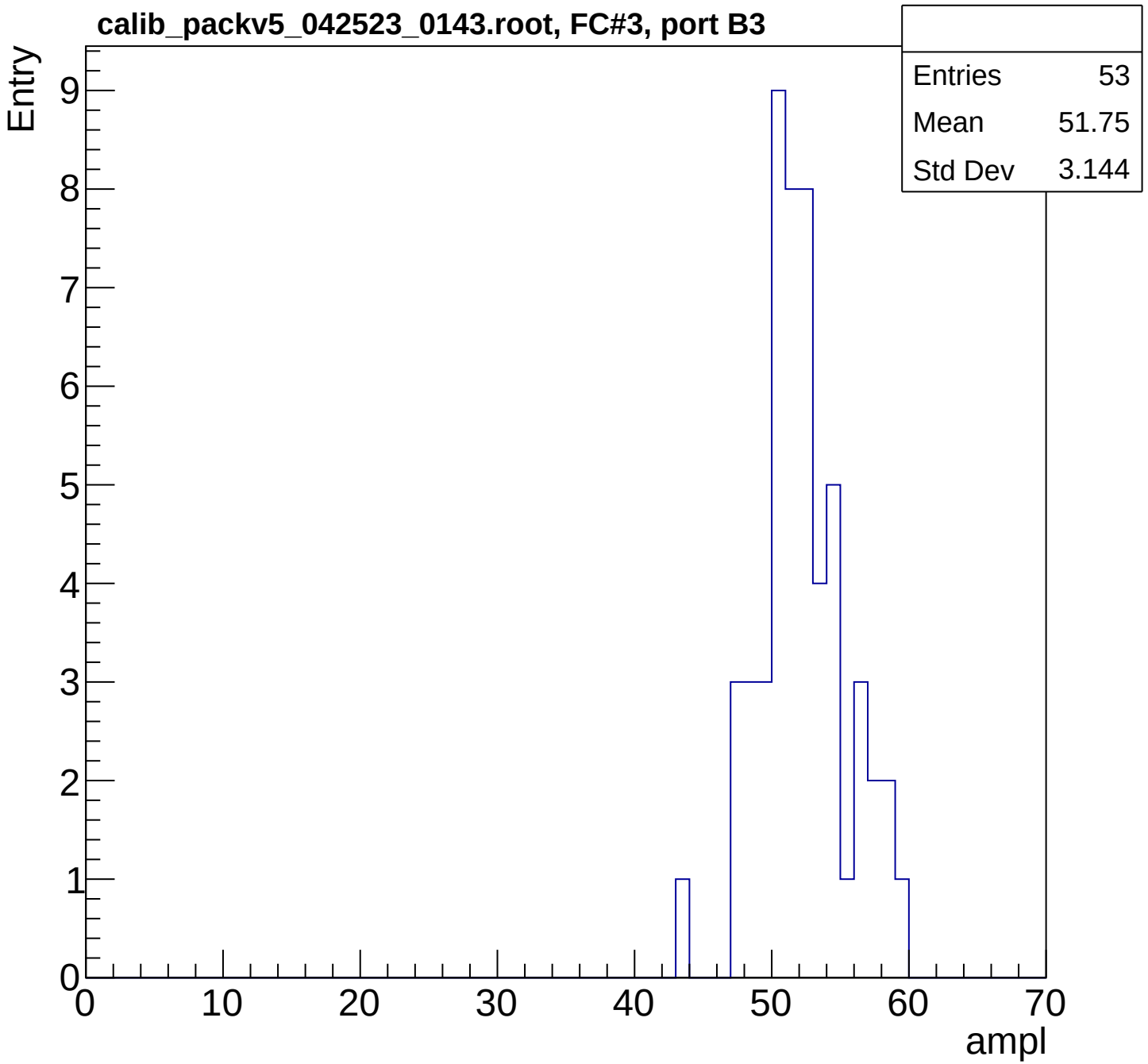

B1L000S, U21-ch99, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

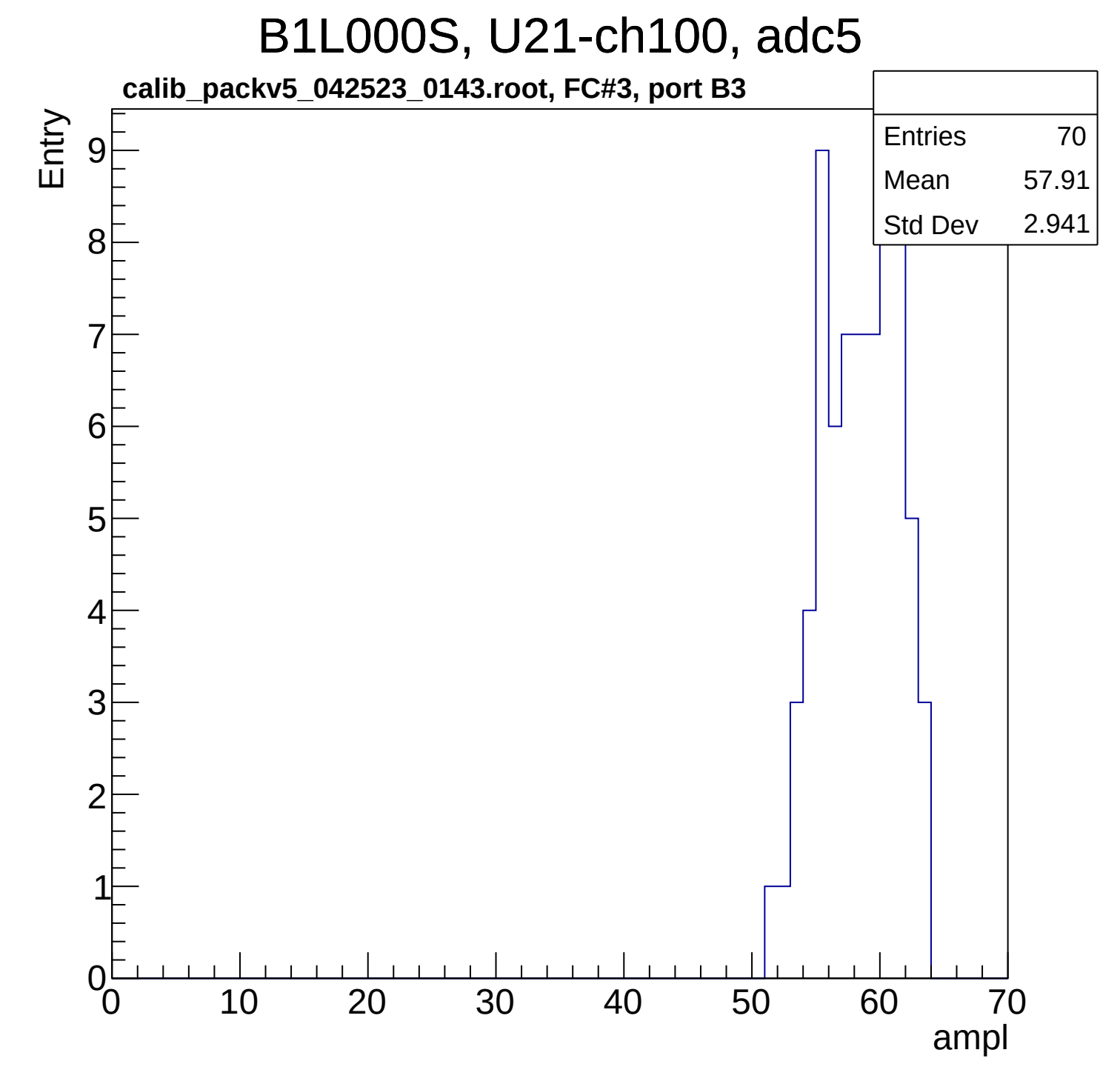

B1L000S, U21-ch100, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 27.73
Std Dev 3.13
Gaus mean : 28.1453
Gaus Width: 3.2412
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

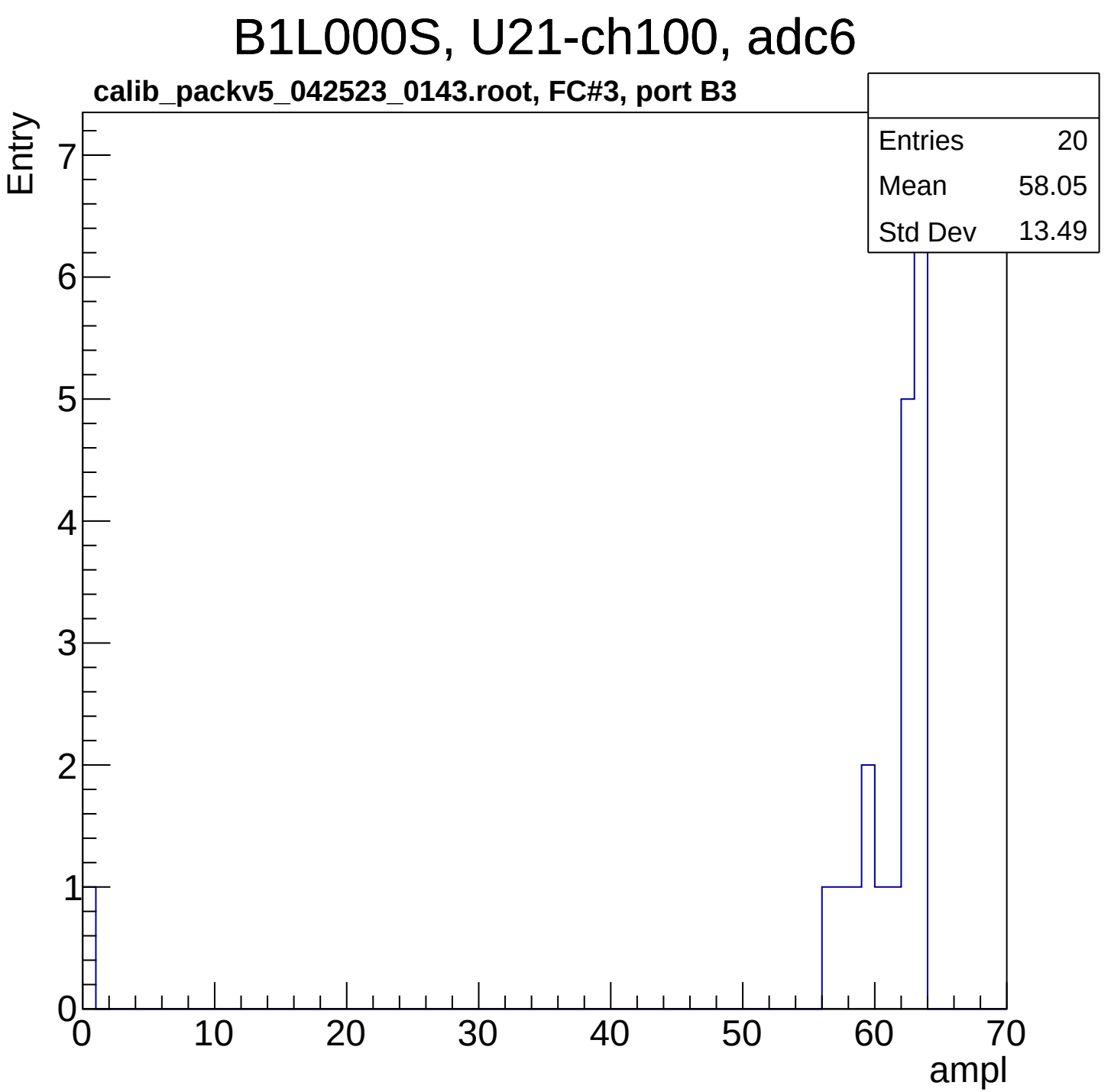

B1L000S, U21-ch100, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 33.11
Std Dev 2.876
Gaus mean : 33.3498
Gaus Width: 3.5164
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

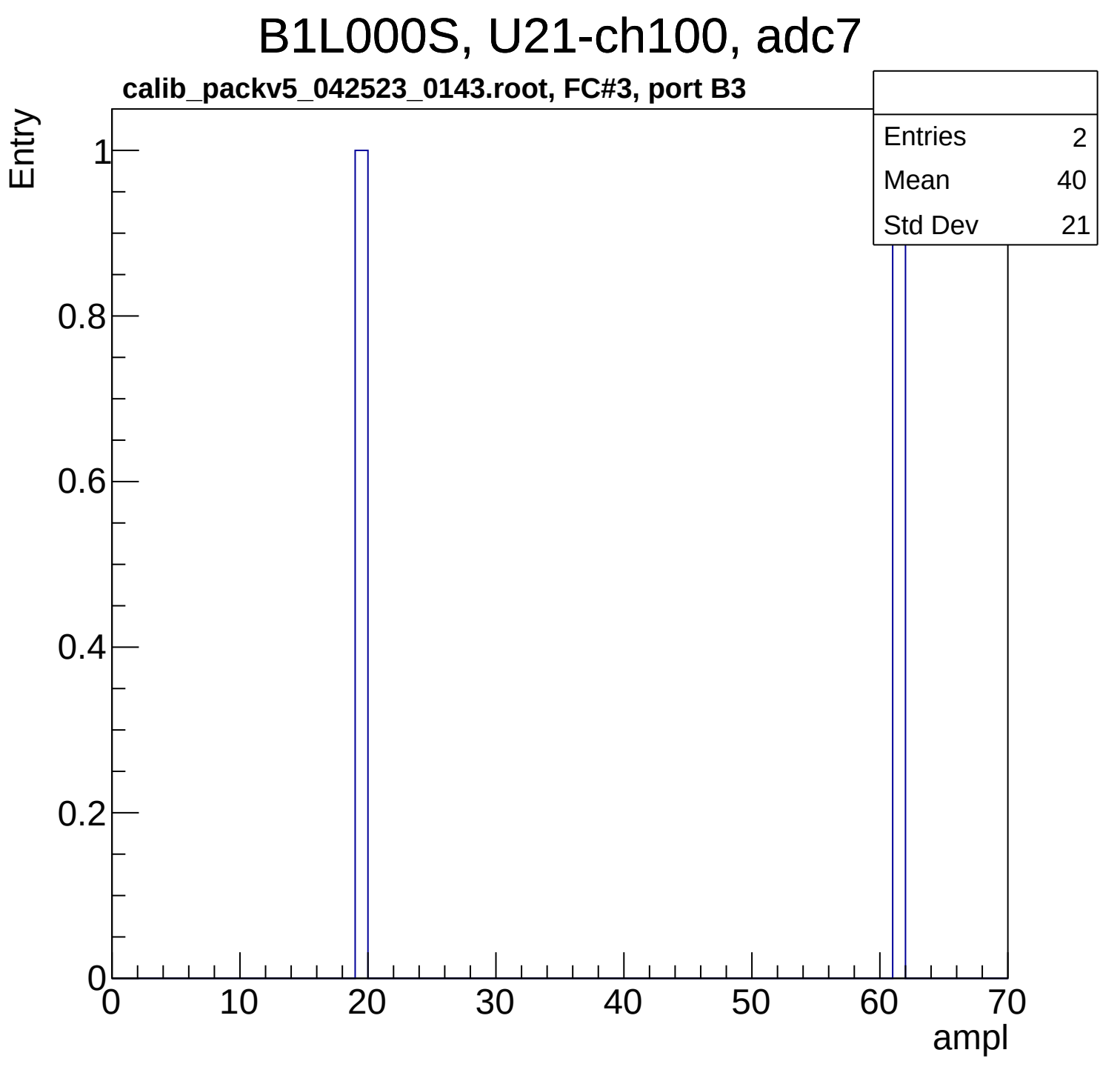

B1L000S, U21-ch100, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 39.83
Std Dev 3.167
Gaus mean : 40.0689
Gaus Width: 3.3809
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

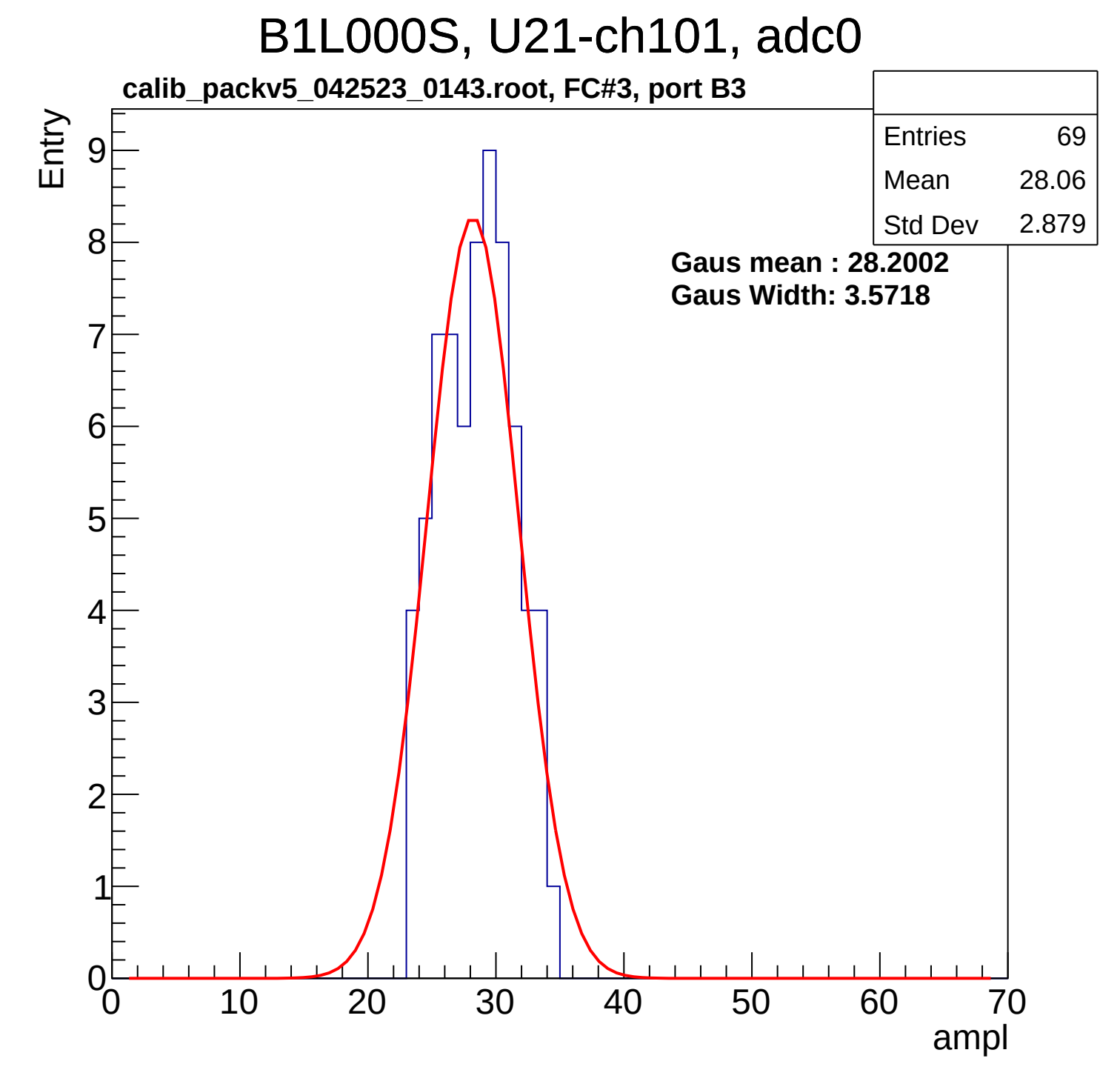

B1L000S, U21-ch100, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 46.47
Std Dev 3.185
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

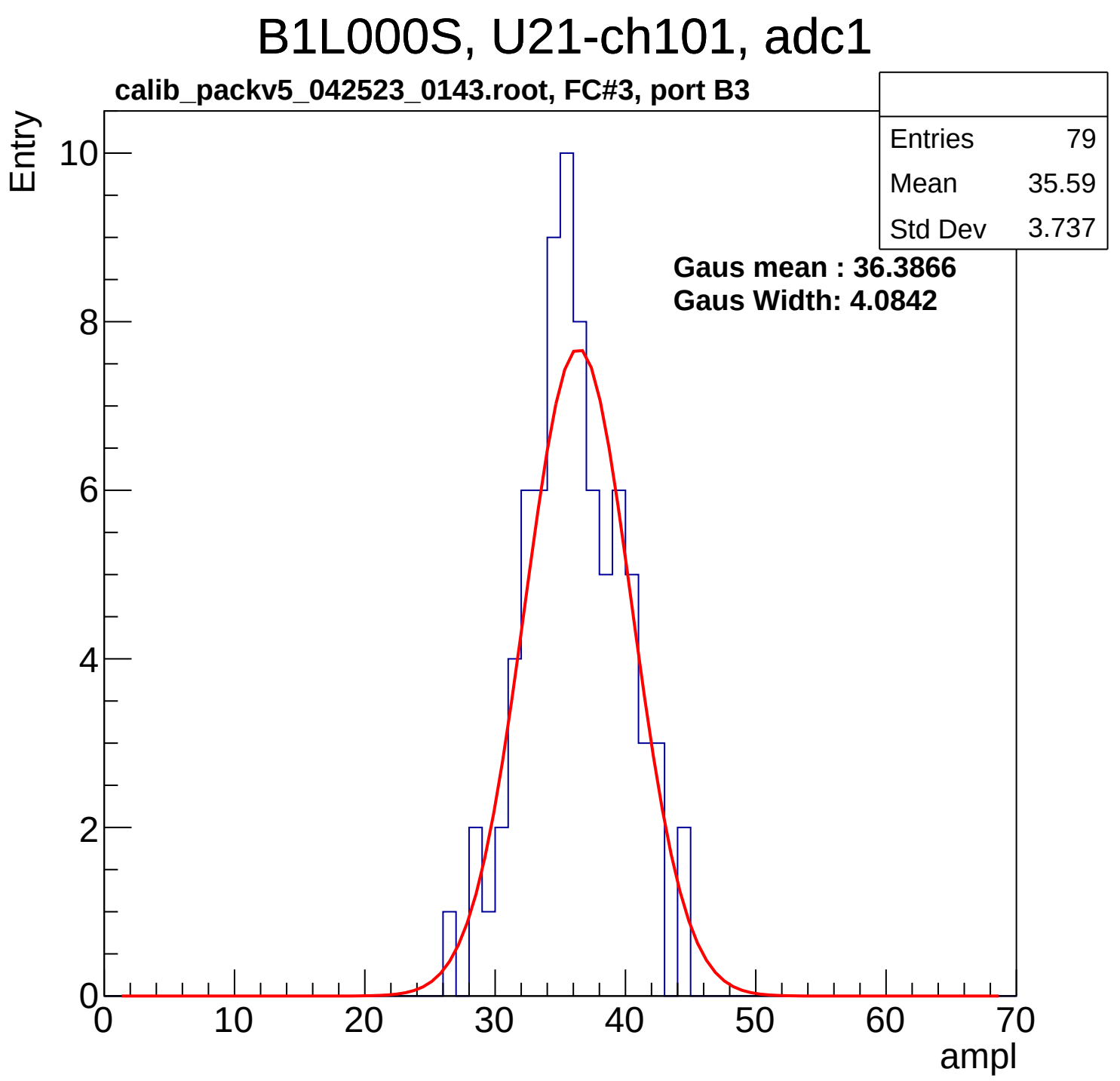

B1L000S, U21-ch100, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 51.75
Std Dev 3.144
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

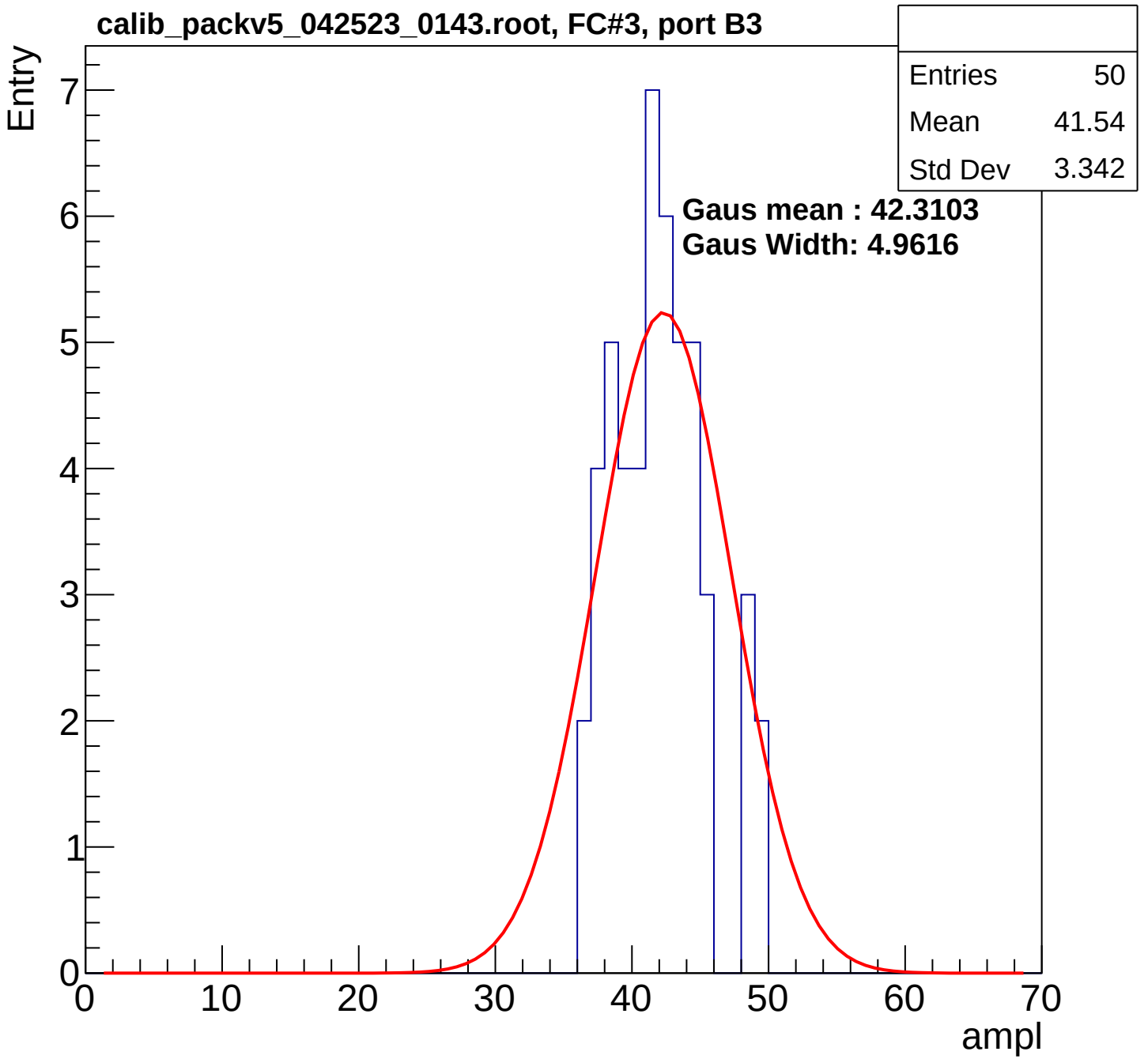

B1L000S, U21-ch100, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 57.91
Std Dev 2.941
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

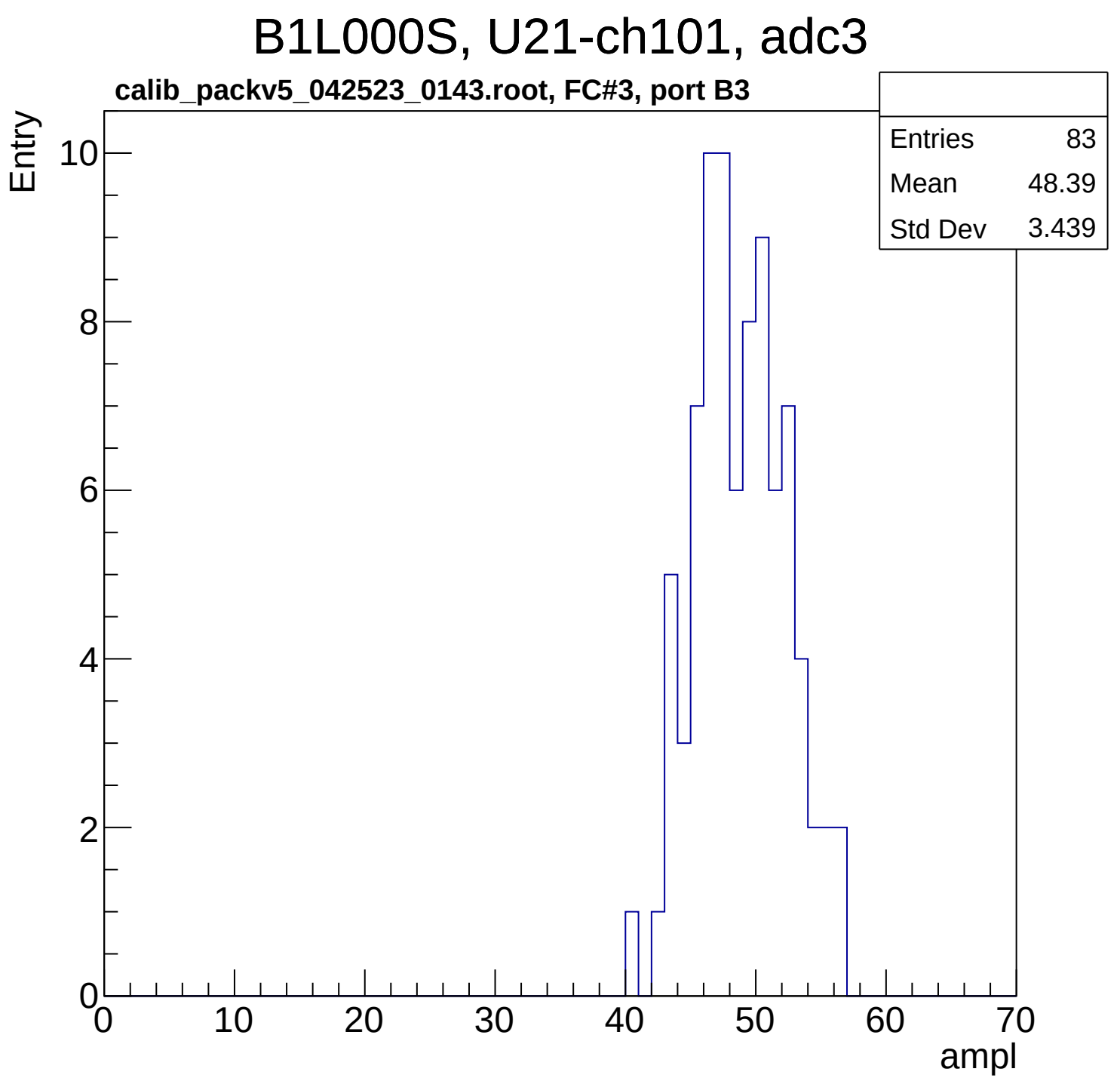

B1L000S, U21-ch100, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 20
Mean 58.05
Std Dev 13.49
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

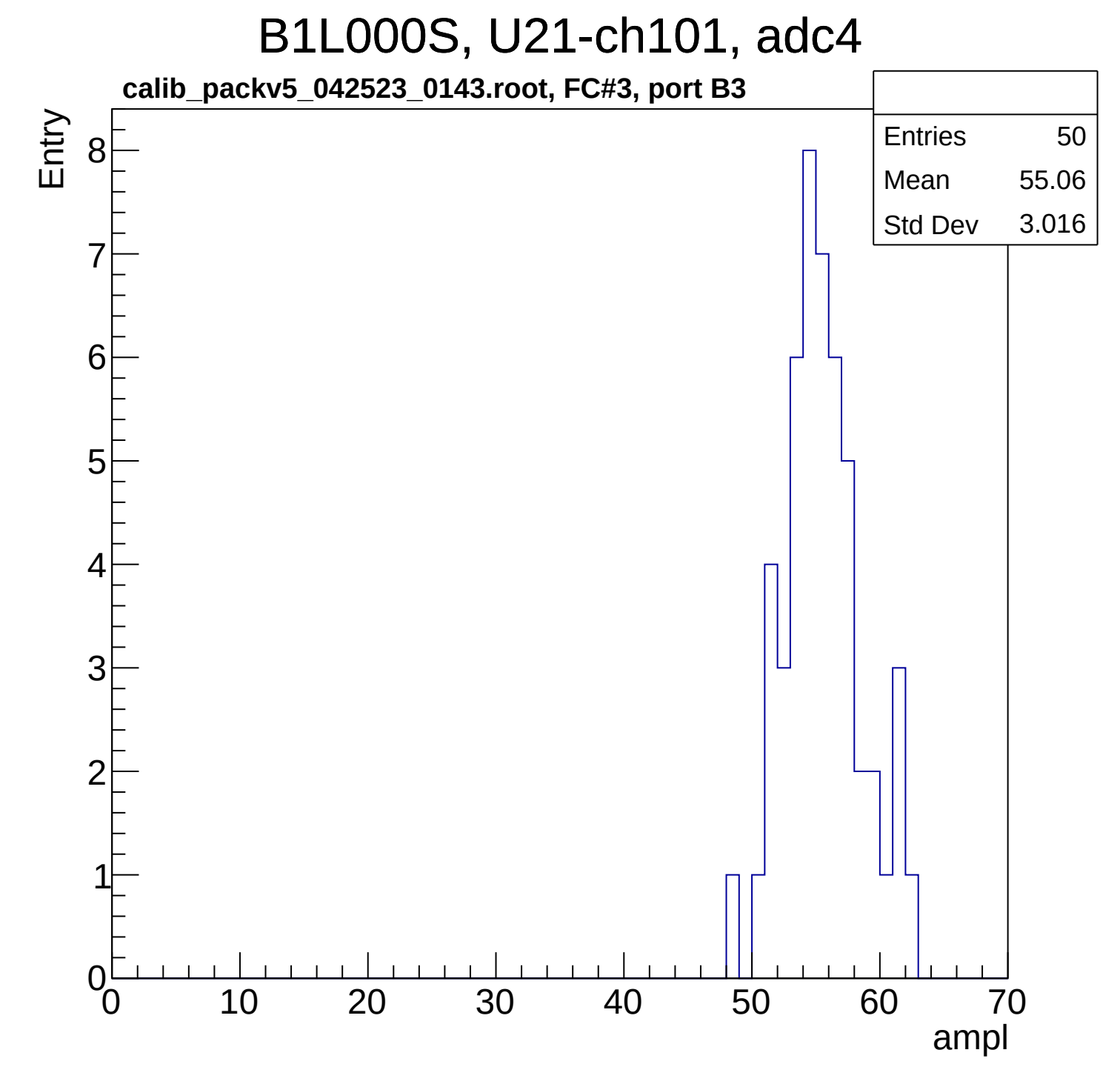

B1L000S, U21-ch100, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 40
Std Dev 21
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70

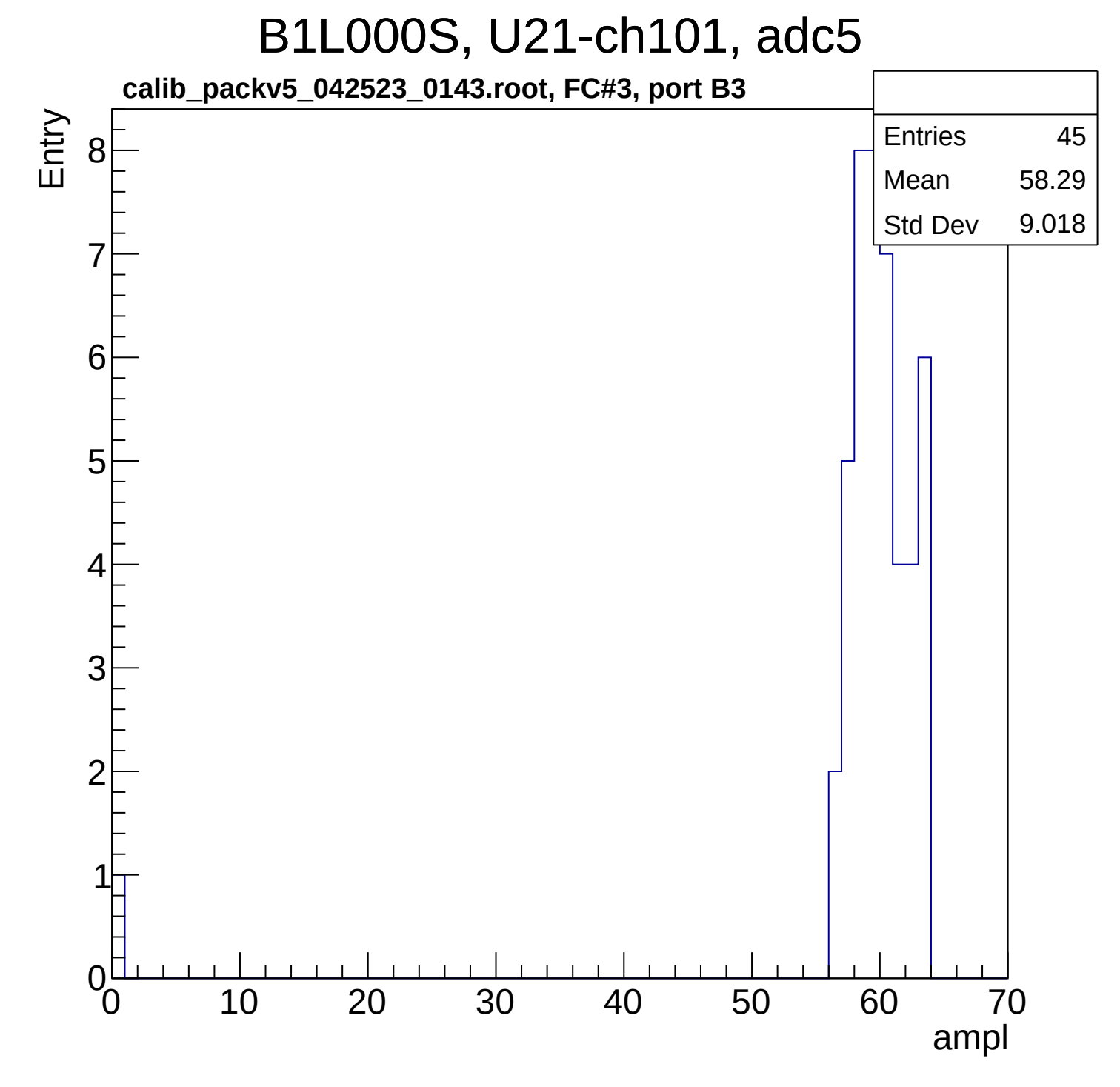

B1L000S, U21-ch101, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 28.06
Std Dev 2.879
Gaus mean : 28.2002
Gaus Width: 3.5718
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

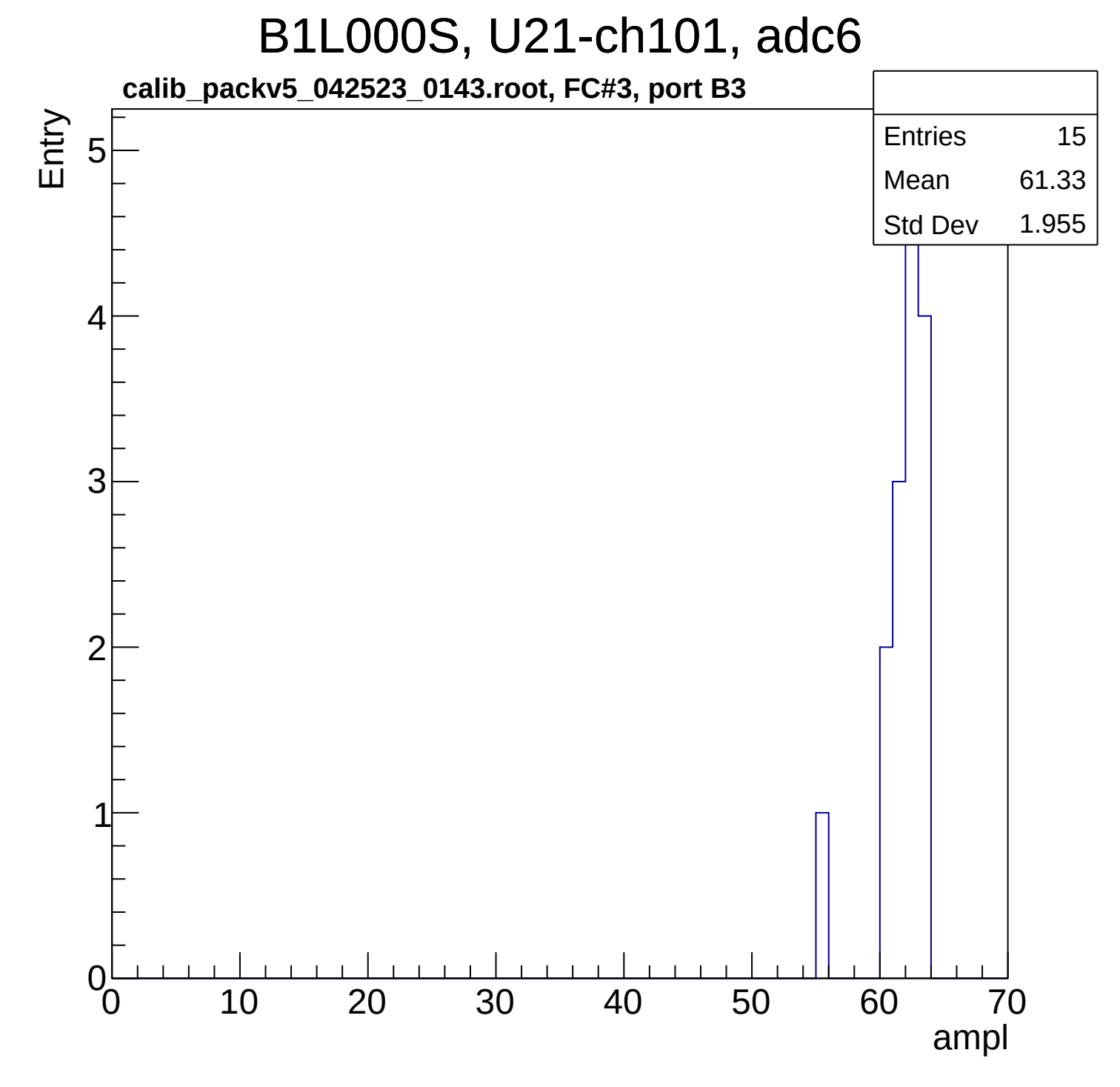

B1L000S, U21-ch101, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 35.59
Std Dev 3.737
Gaus mean : 36.3866
Gaus Width: 4.0842
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

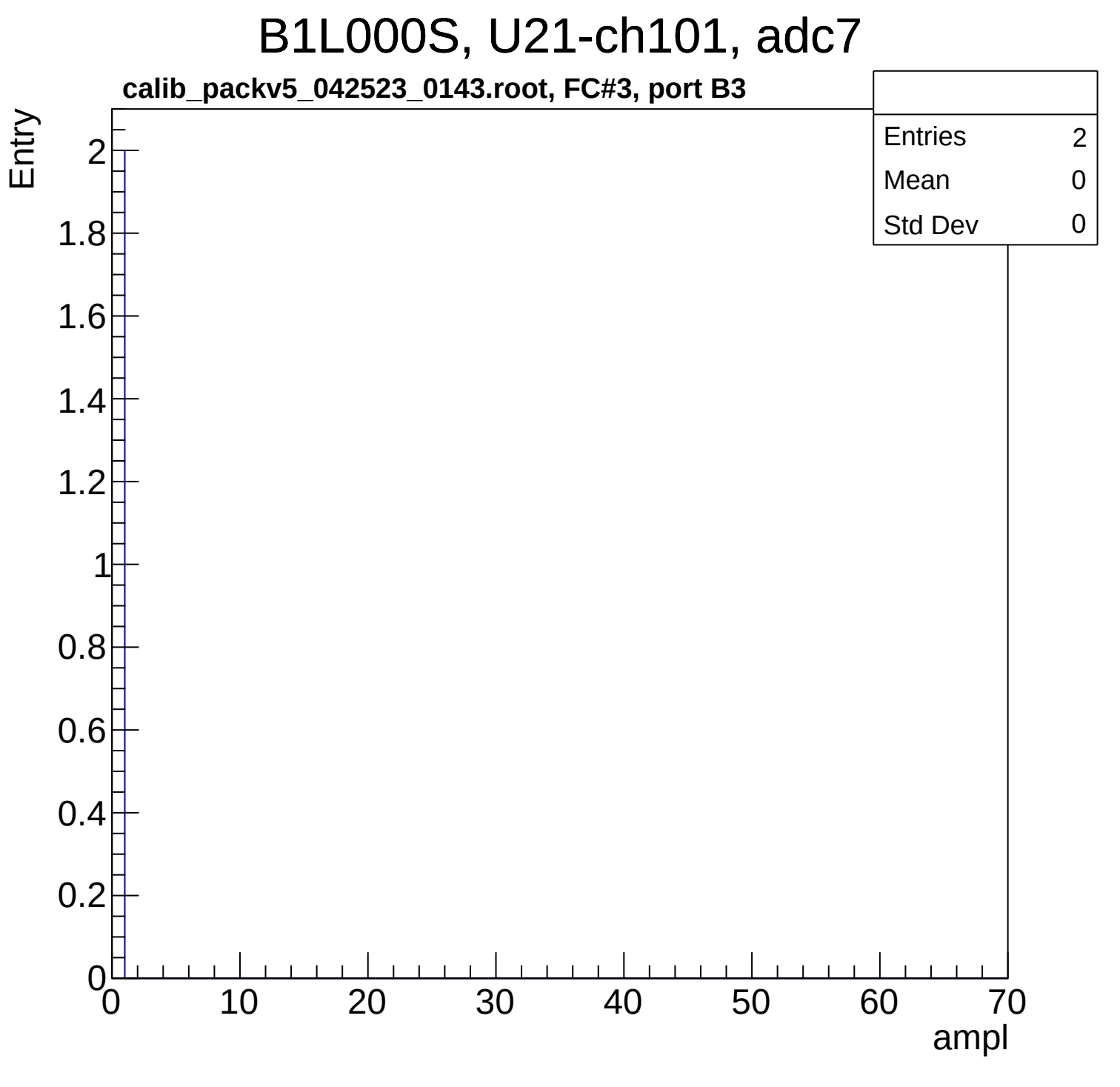

B1L000S, U21-ch101, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 41.54
Std Dev 3.342
Gaus mean : 42.3103
Gaus Width: 4.9616
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

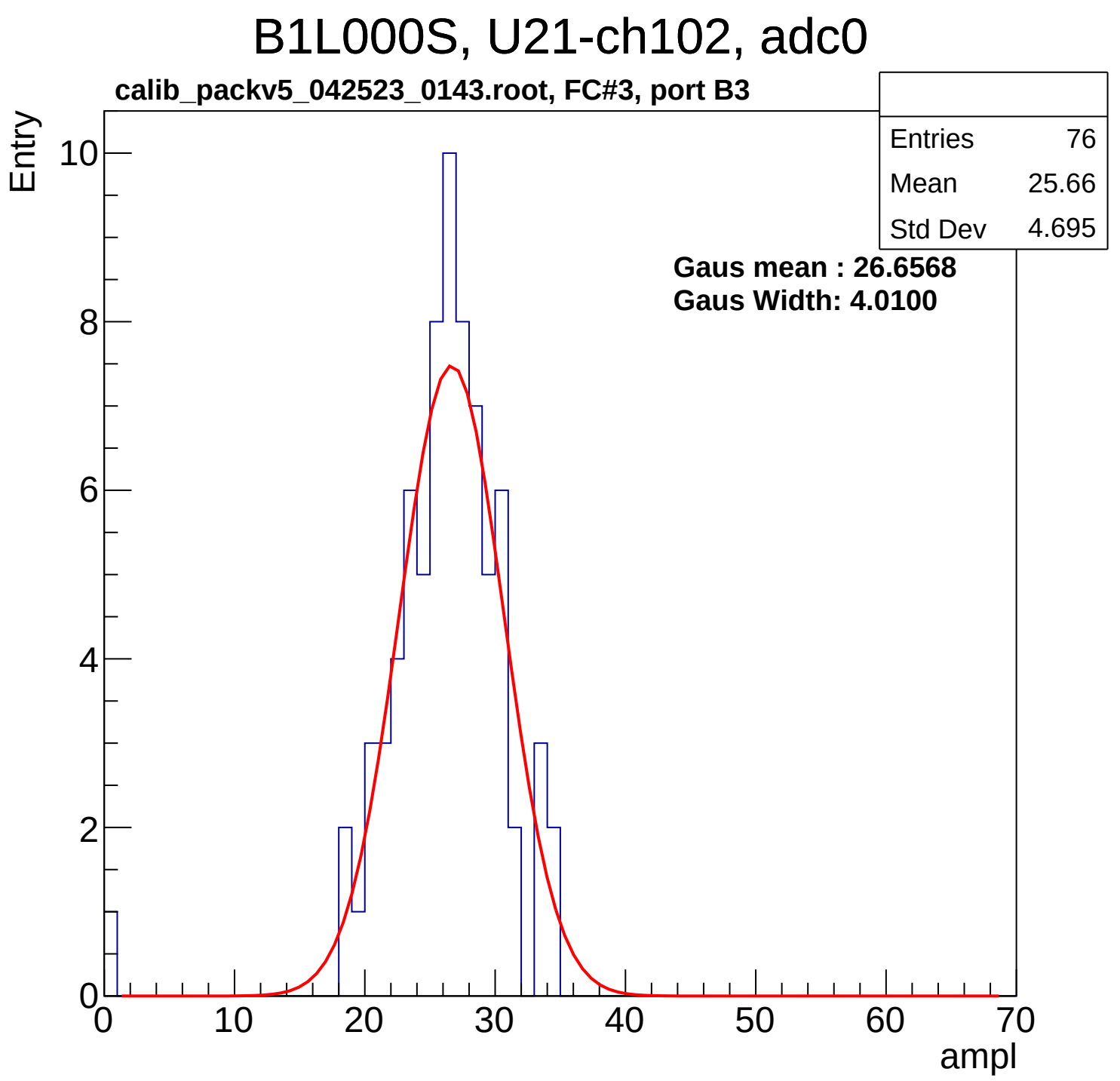

B1L000S, U21-ch101, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 83
Mean 48.39
Std Dev 3.439
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

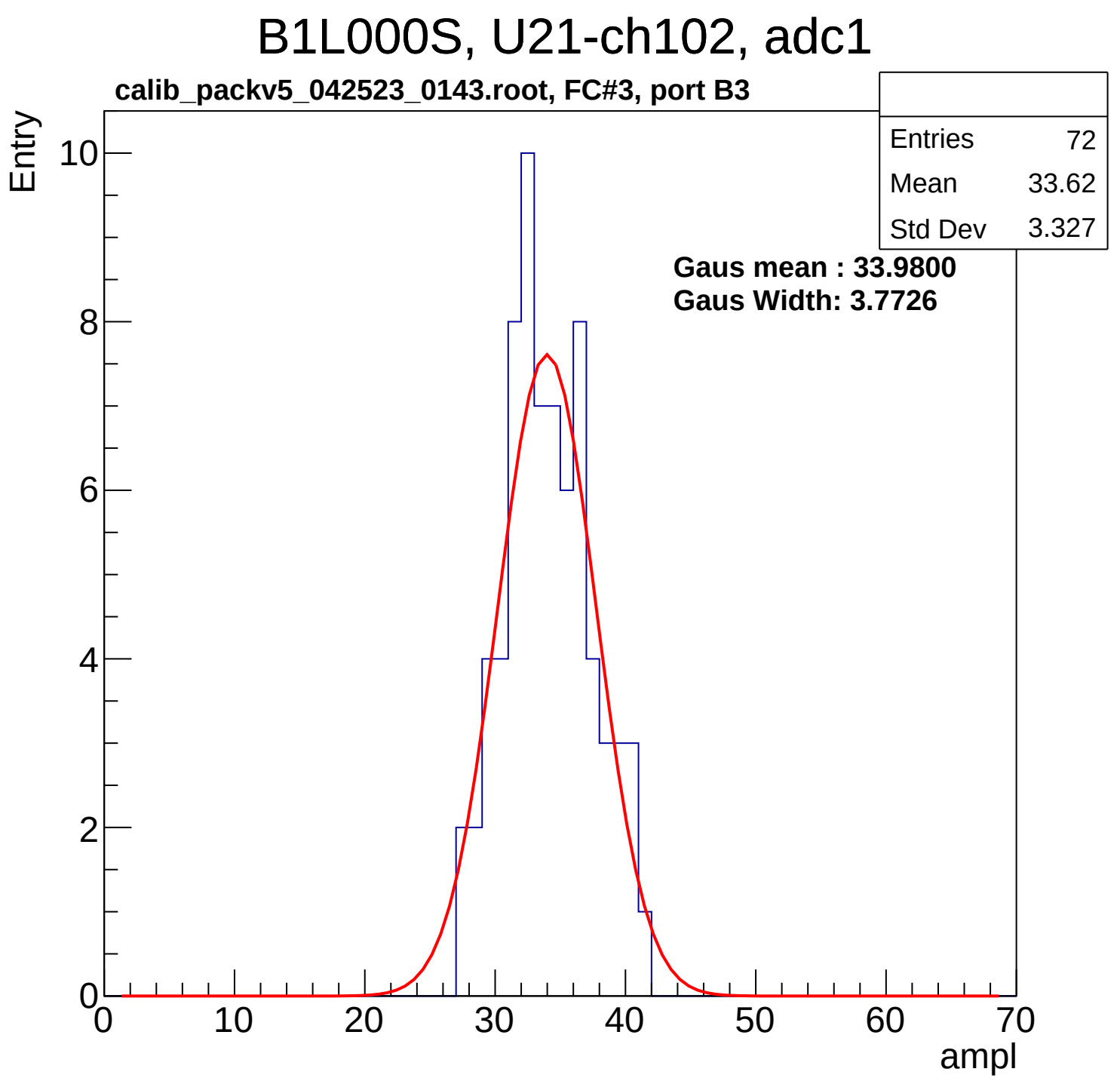

B1L000S, U21-ch101, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 55.06
Std Dev 3.016
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

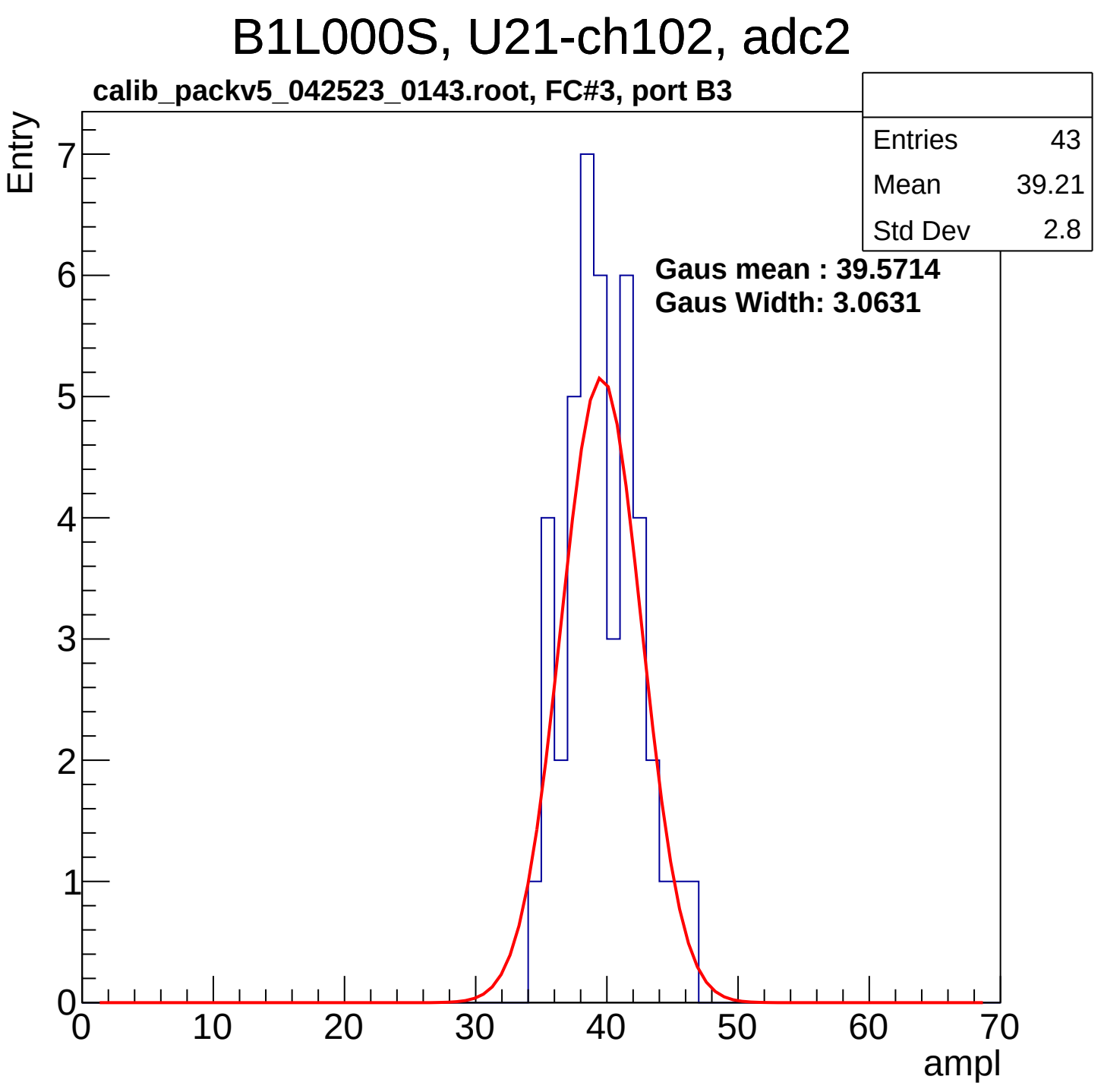

B1L000S, U21-ch101, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 58.29
Std Dev 9.018
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

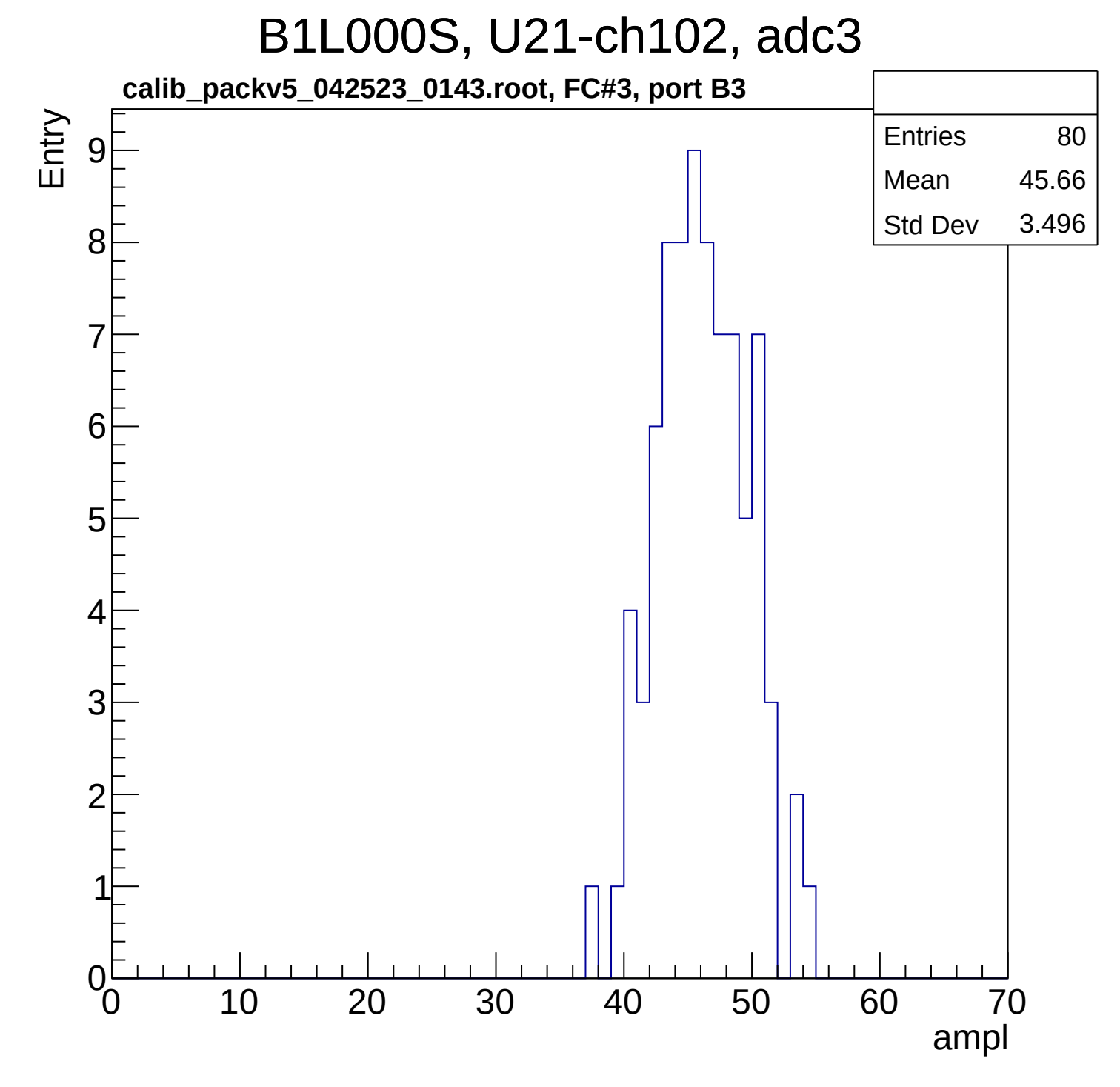

B1L000S, U21-ch101, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 61.33
Std Dev 1.955
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

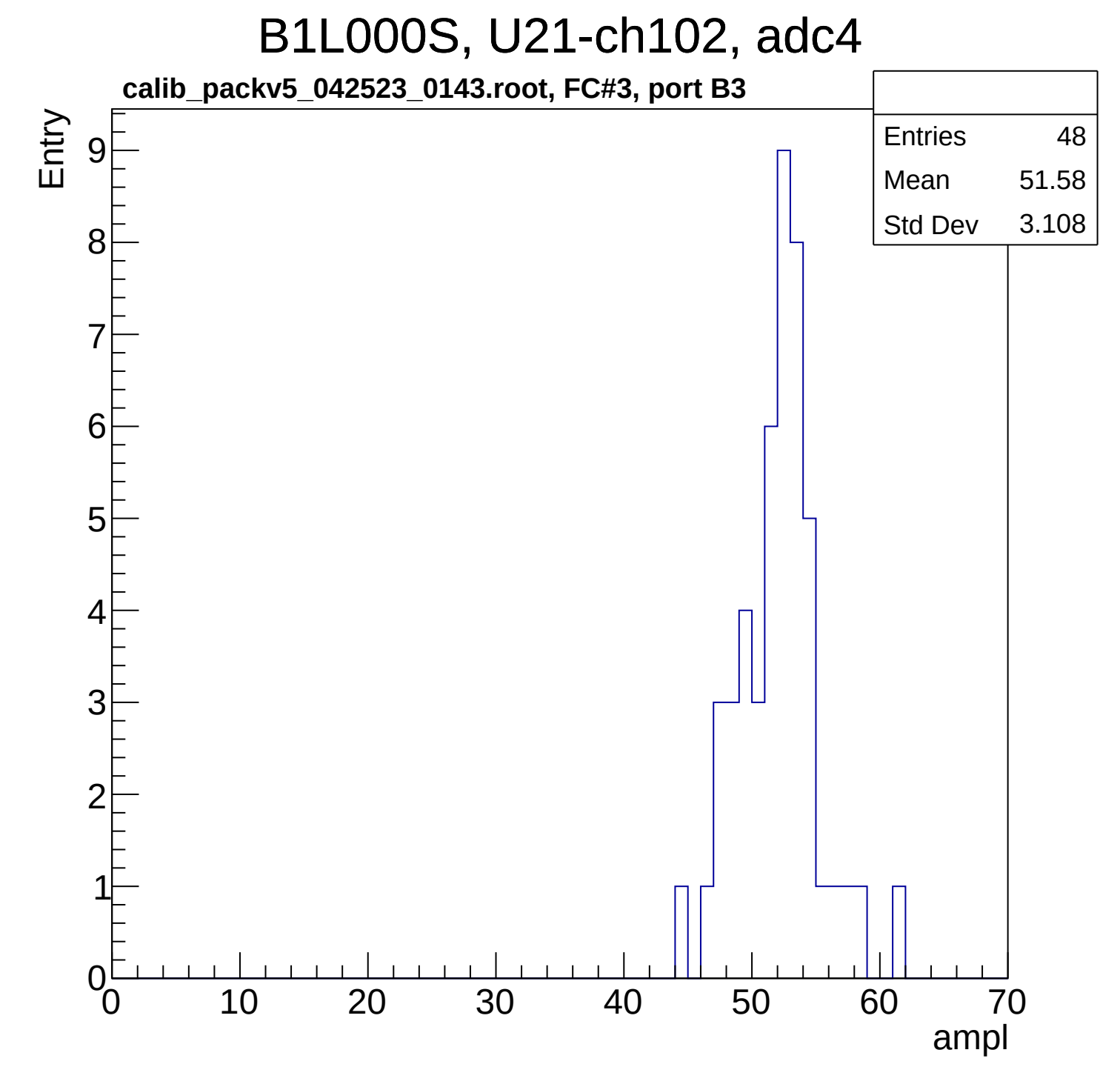

B1L000S, U21-ch101, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

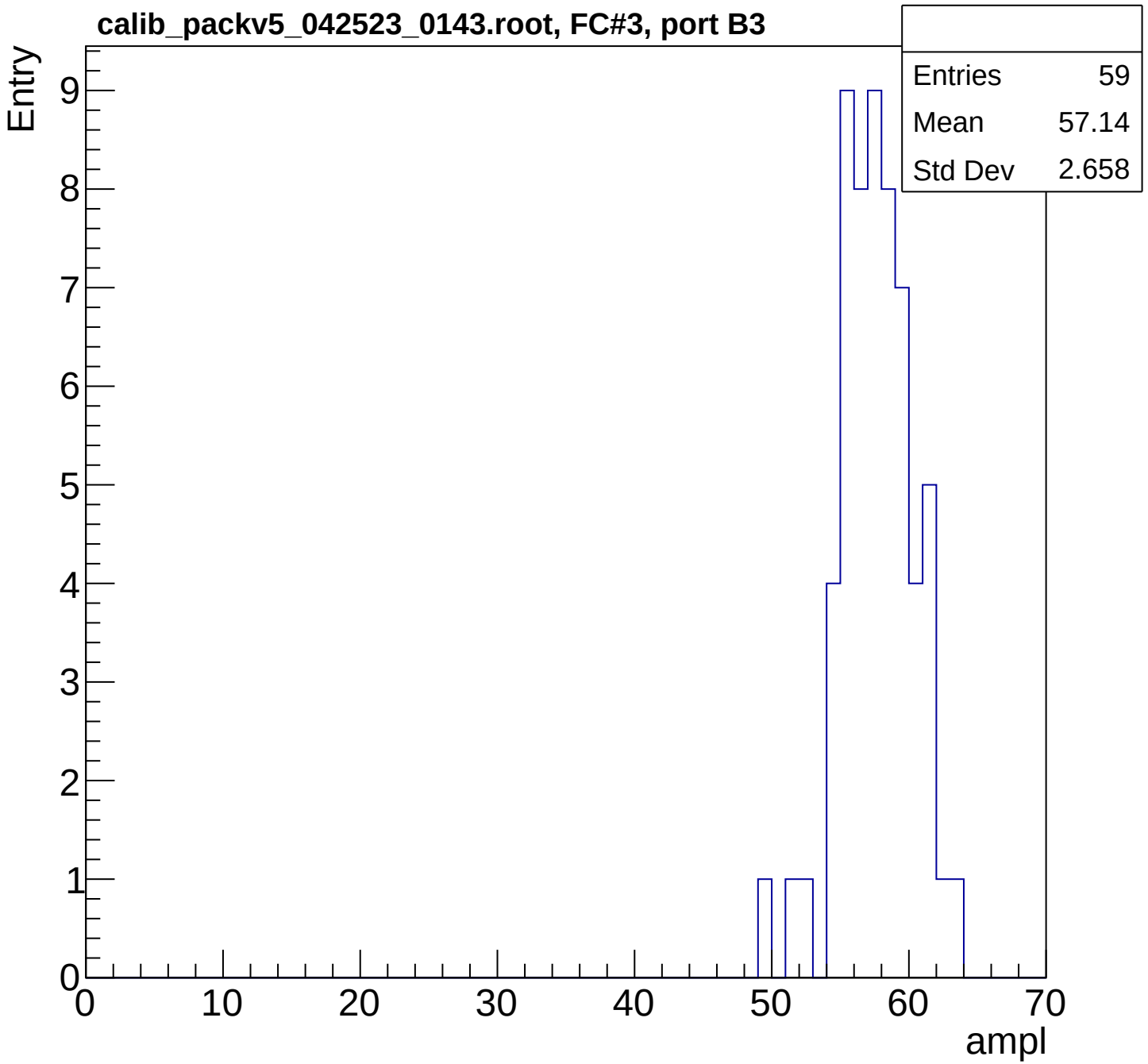

B1L000S, U21-ch102, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 25.66
Std Dev 4.695
Gaus mean : 26.6568
Gaus Width: 4.0100
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

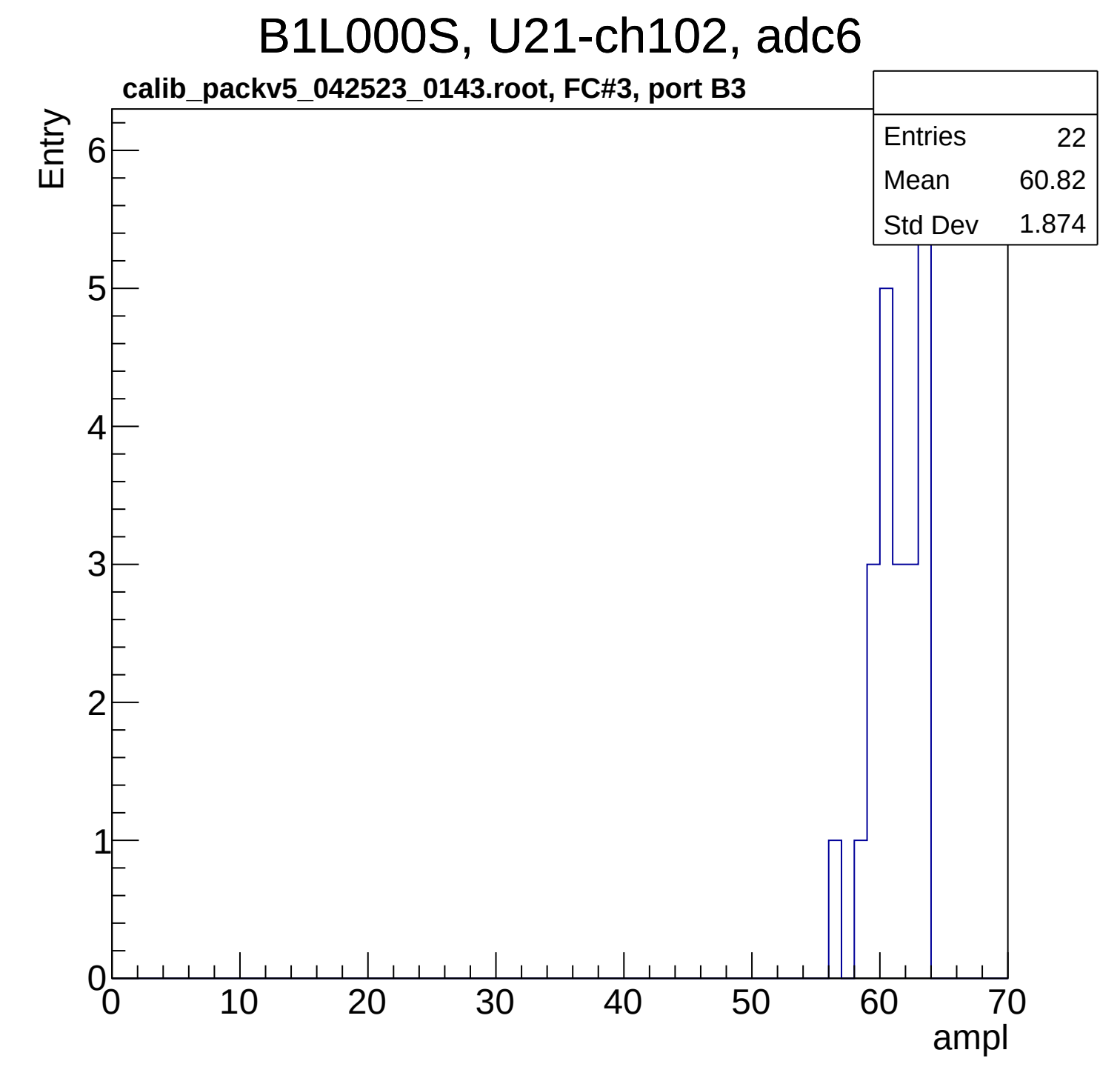

B1L000S, U21-ch102, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 33.62
Std Dev 3.327
Gaus mean : 33.9800
Gaus Width: 3.7726
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

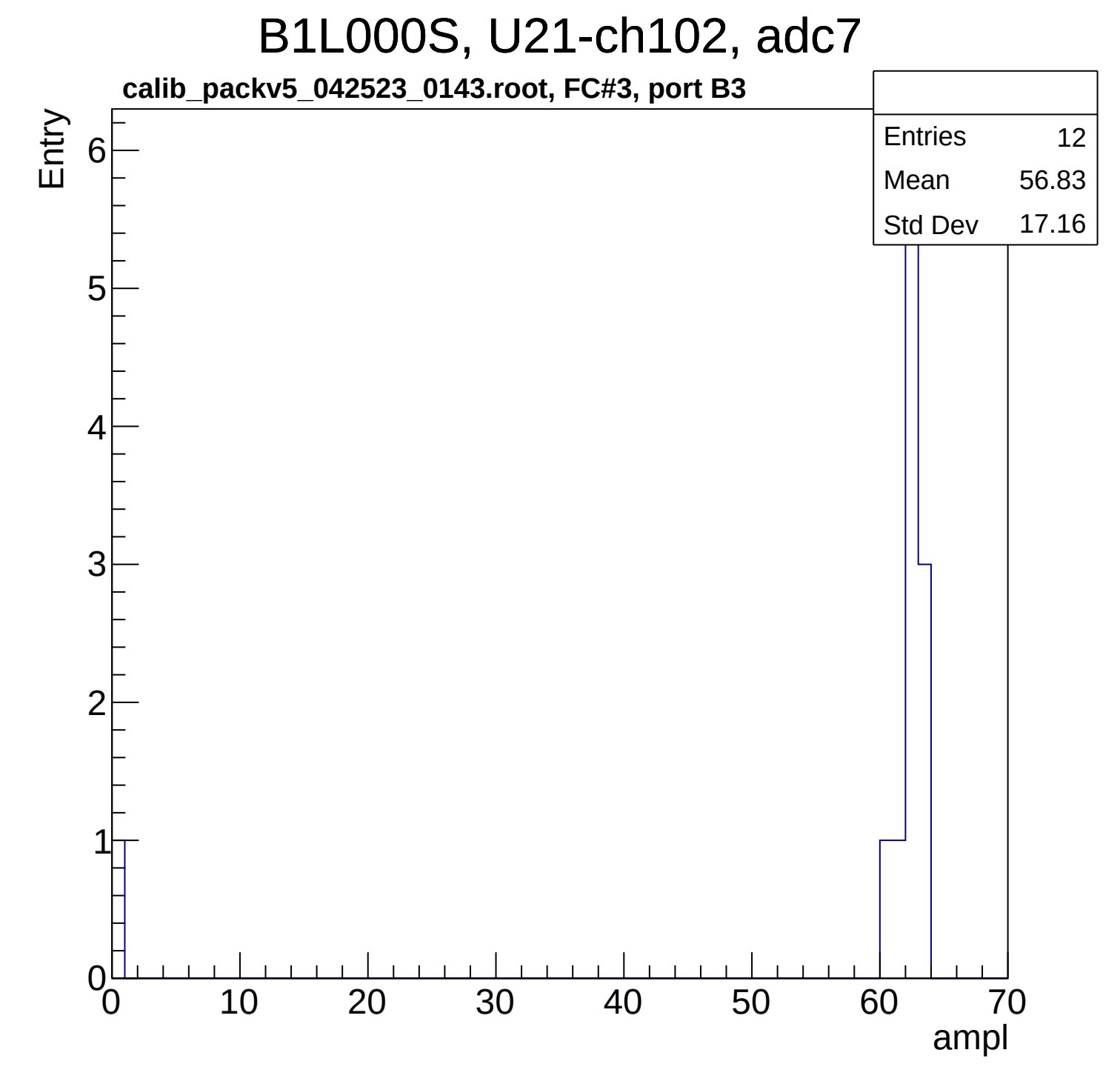

B1L000S, U21-ch102, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 39.21
Std Dev 2.8
Gaus mean : 39.5714
Gaus Width: 3.0631
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

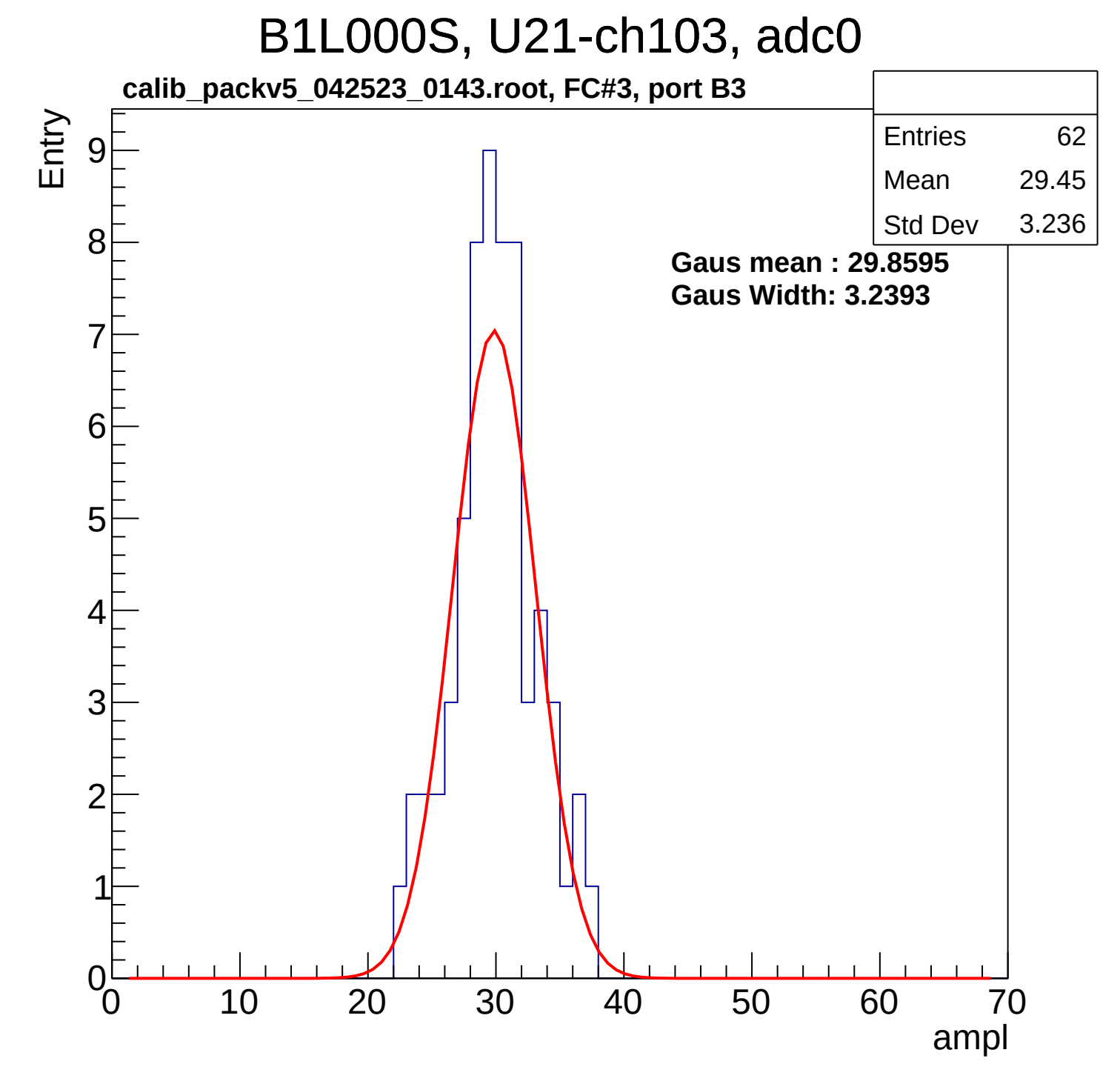

B1L000S, U21-ch102, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 80
Mean 45.66
Std Dev 3.496
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

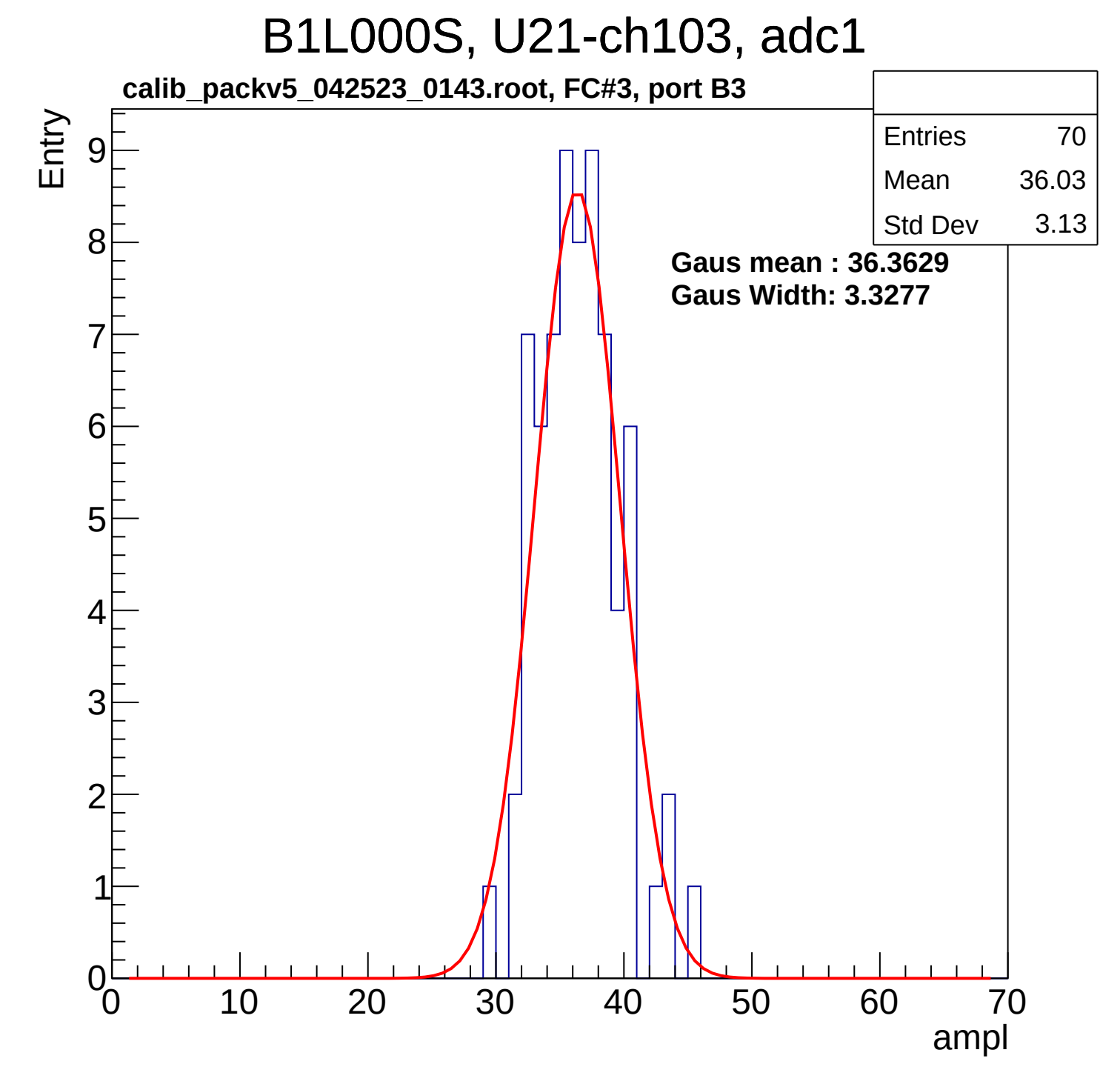

B1L000S, U21-ch102, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 51.58
Std Dev 3.108
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

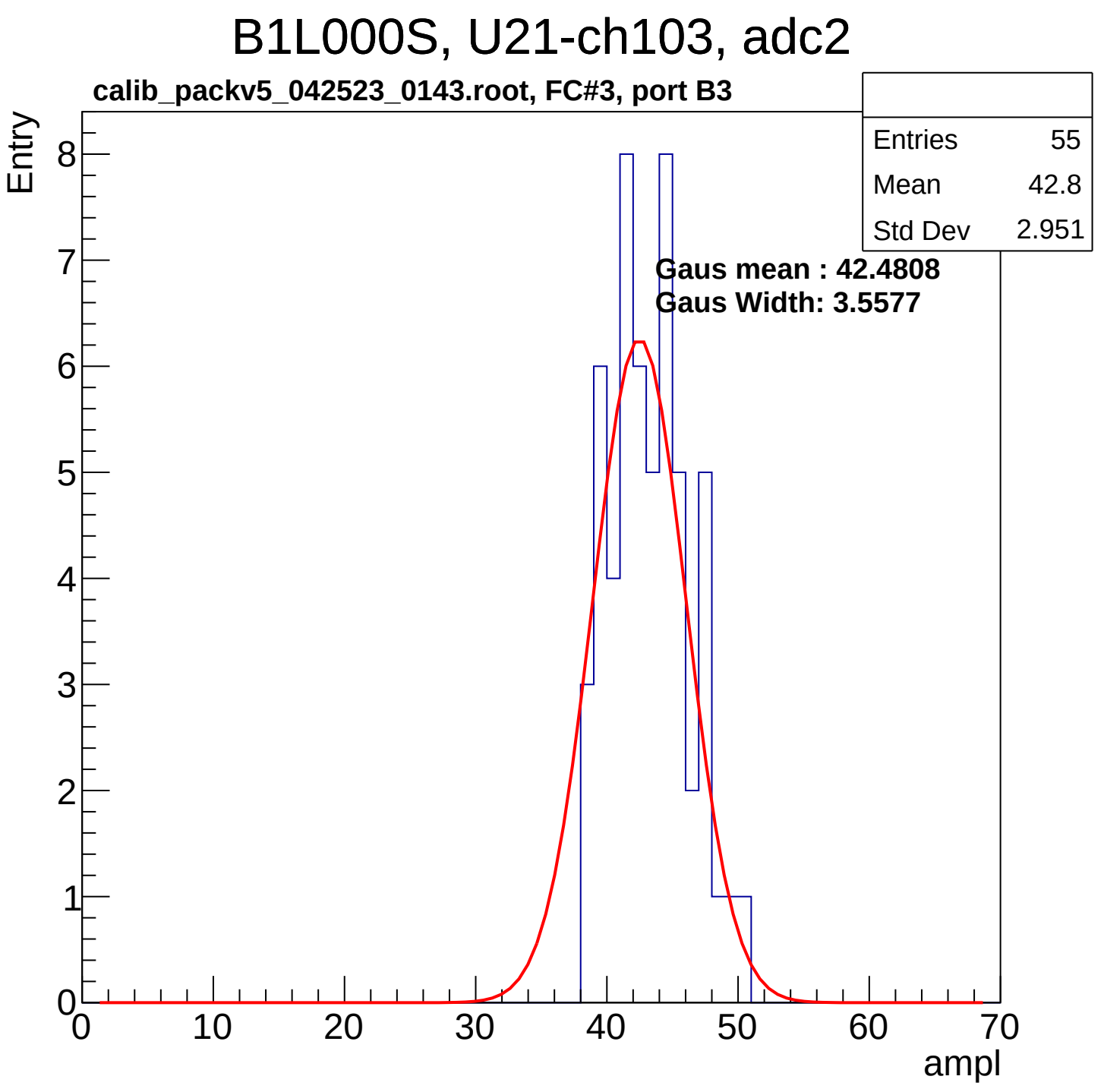

B1L000S, U21-ch102, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 57.14
Std Dev 2.658
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

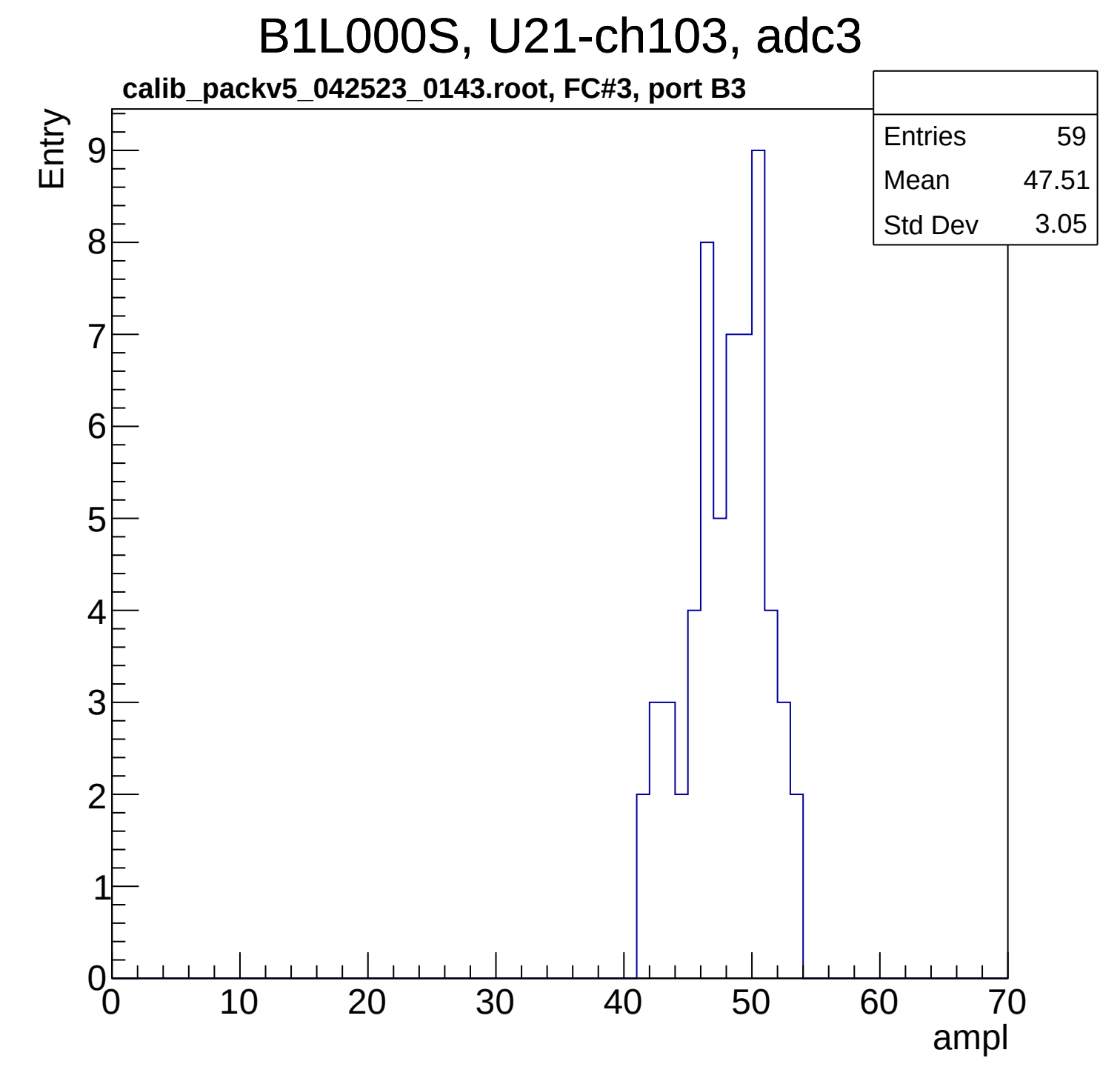

B1L000S, U21-ch102, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 22
Mean 60.82
Std Dev 1.874
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

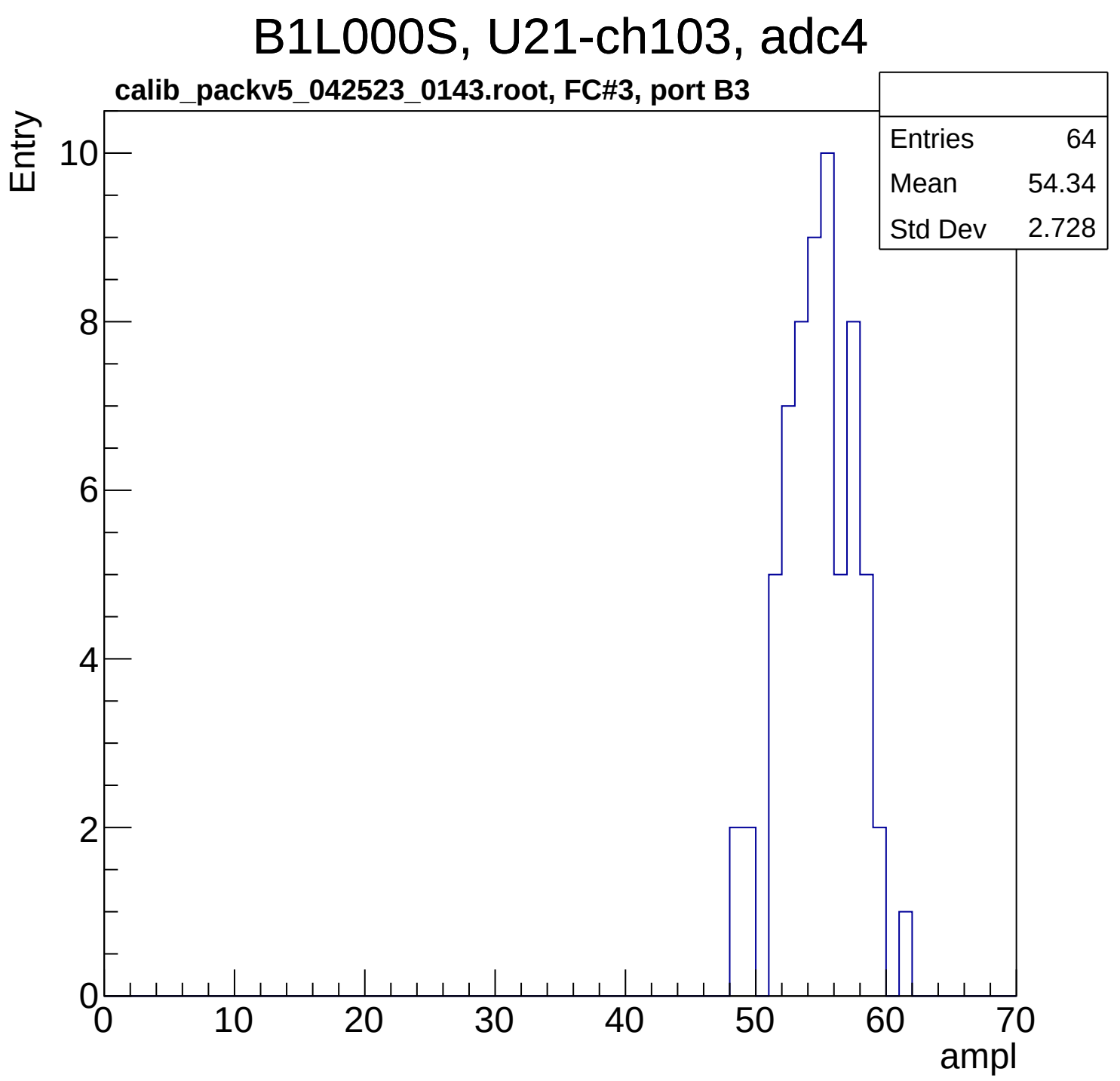

B1L000S, U21-ch102, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 56.83
Std Dev 17.16
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

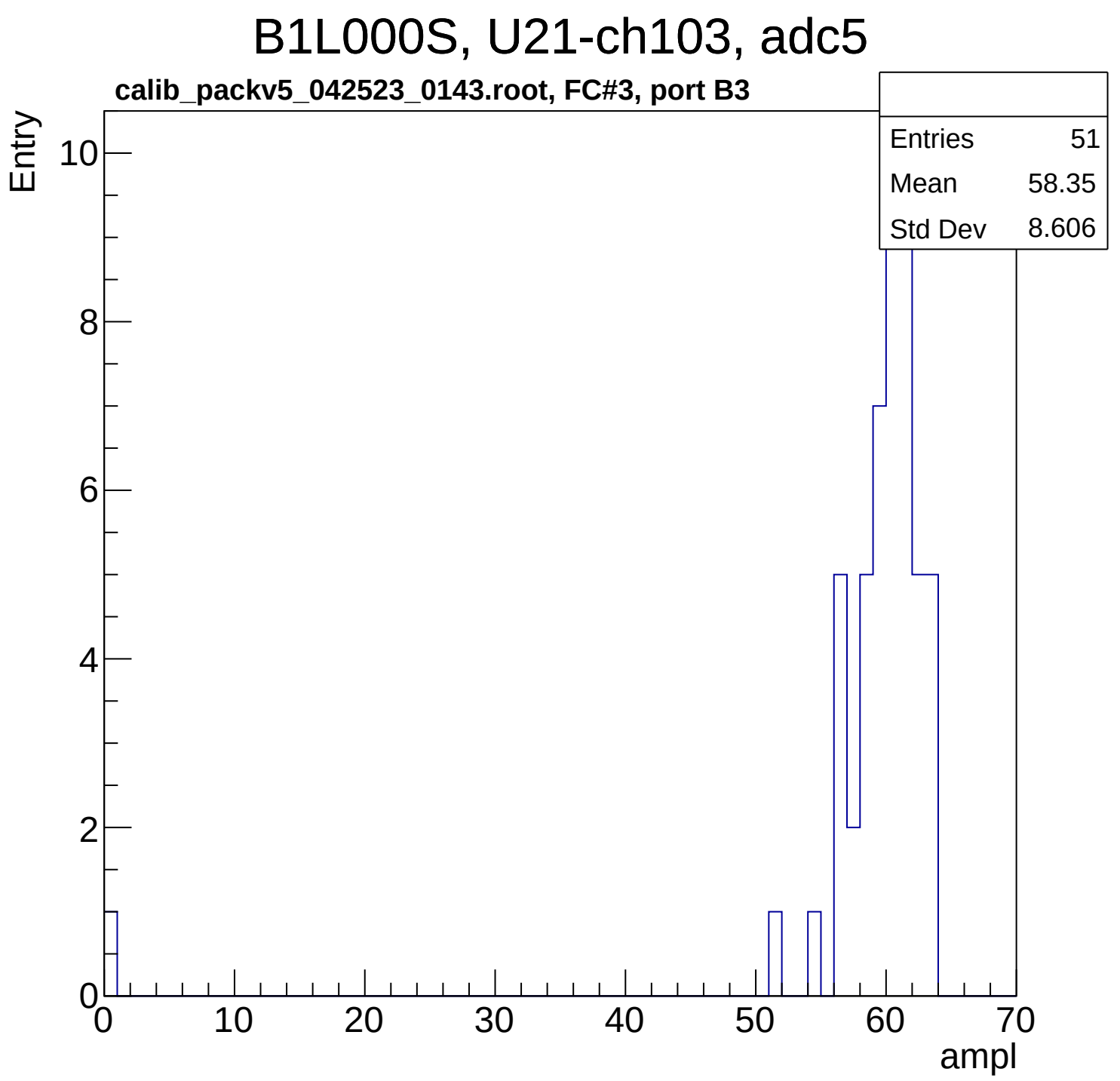

B1L000S, U21-ch103, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 29.45
Std Dev 3.236
Gaus mean : 29.8595
Gaus Width: 3.2393
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

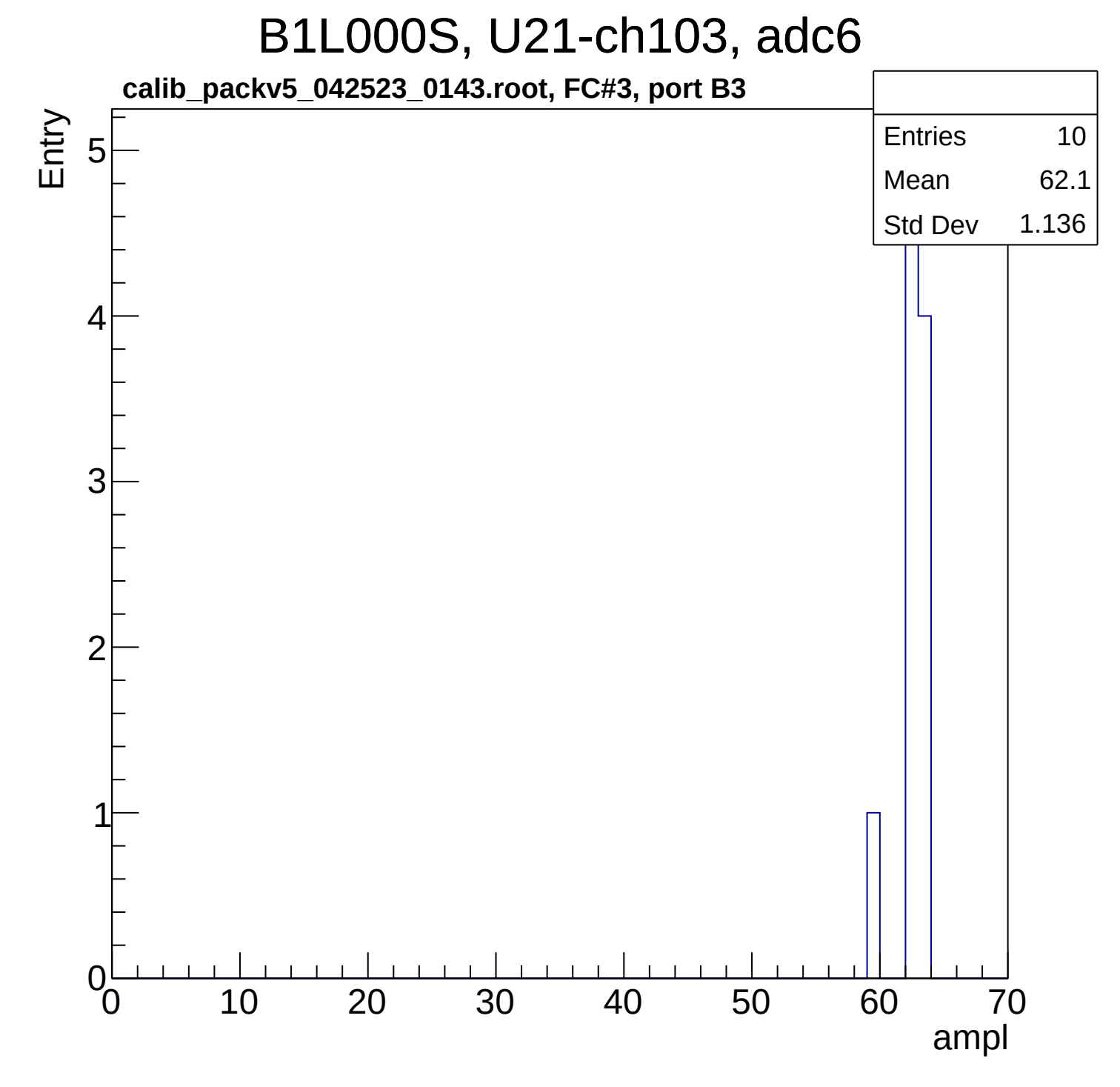

B1L000S, U21-ch103, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 36.03
Std Dev 3.13
Gaus mean : 36.3629
Gaus Width: 3.3277
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

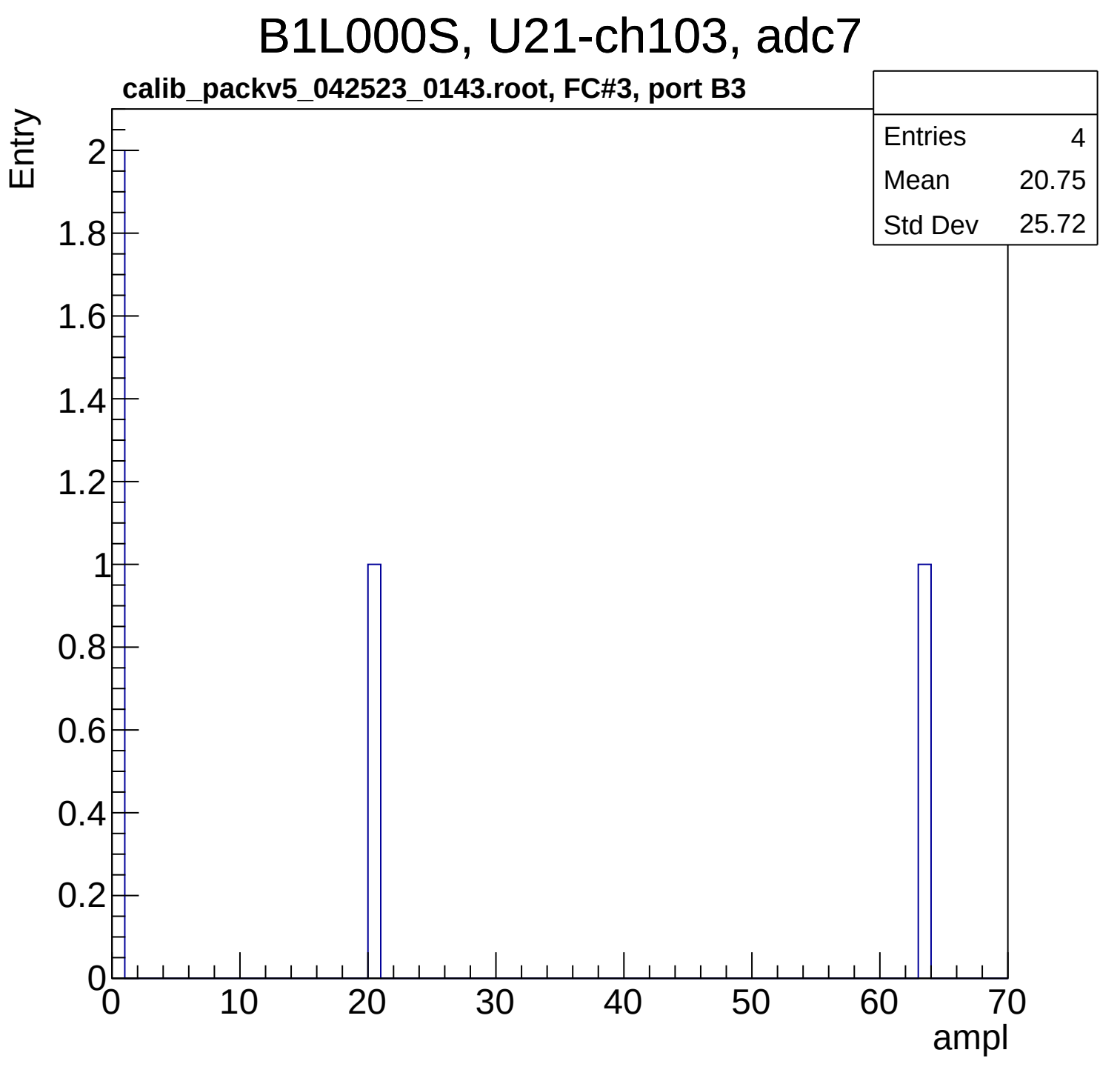

B1L000S, U21-ch103, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 42.8
Std Dev 2.951
Gaus mean : 42.4808
Gaus Width: 3.5577
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

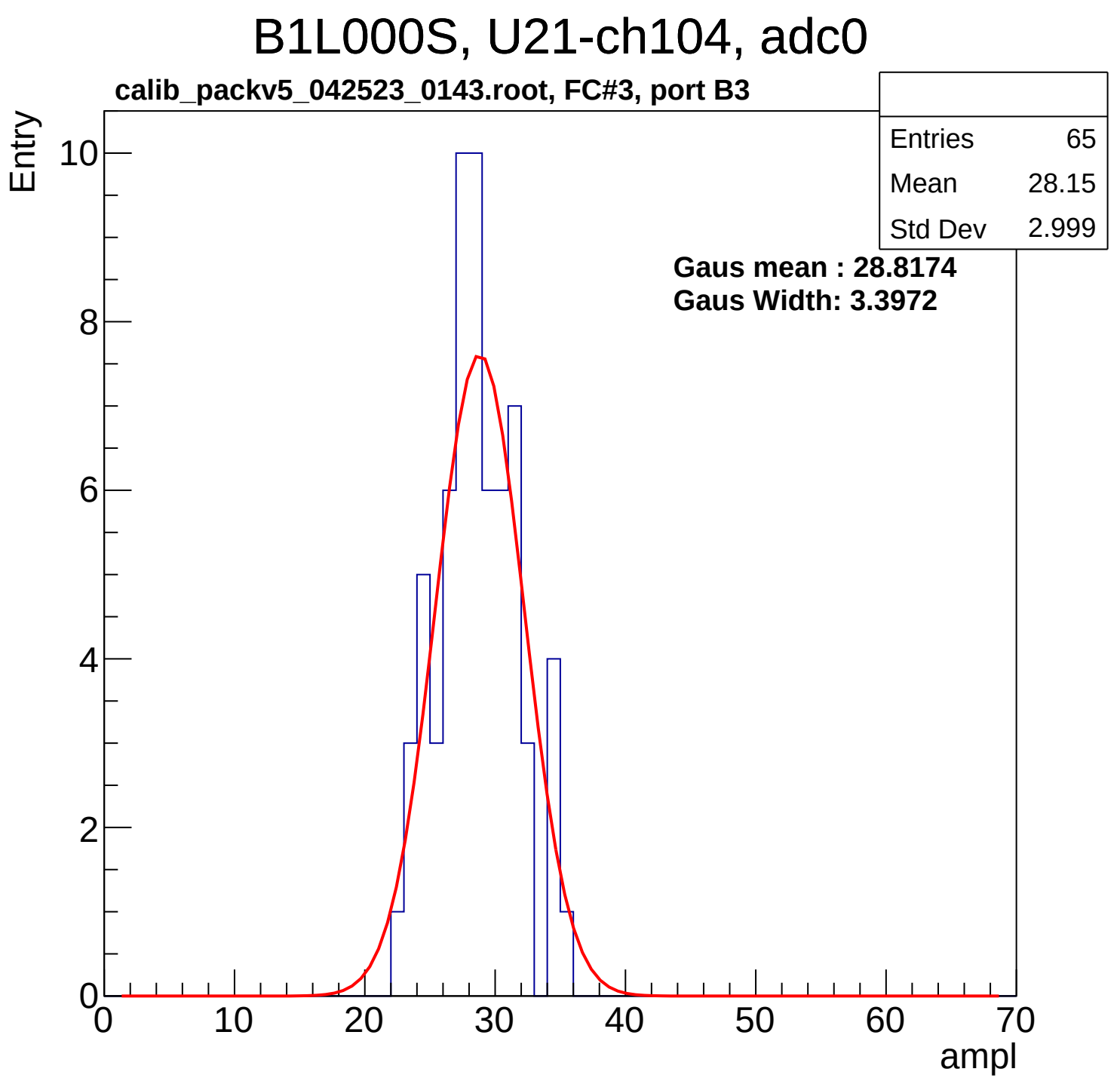

B1L000S, U21-ch103, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 47.51
Std Dev 3.05
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

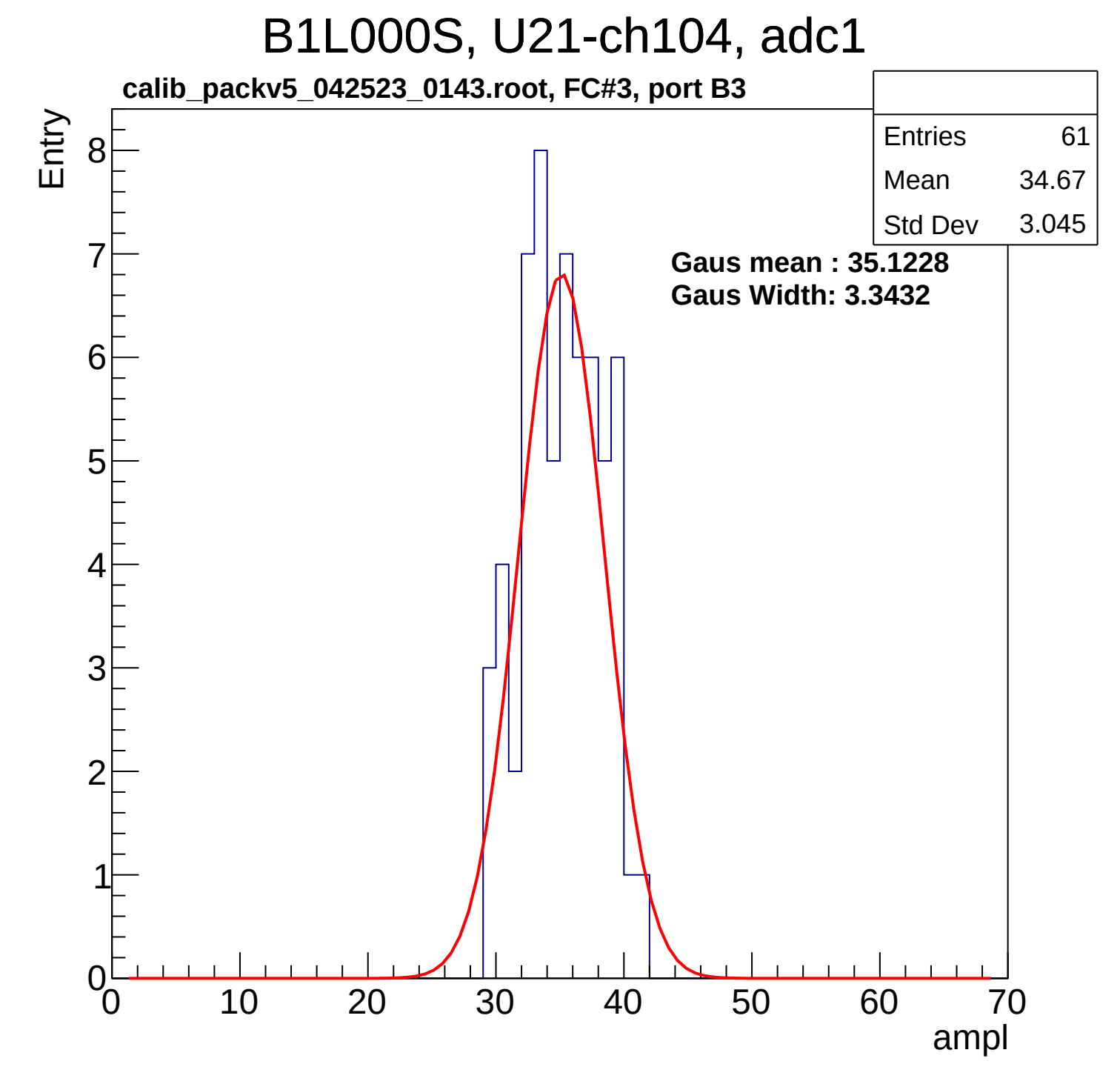

B1L000S, U21-ch103, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 54.34
Std Dev 2.728
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

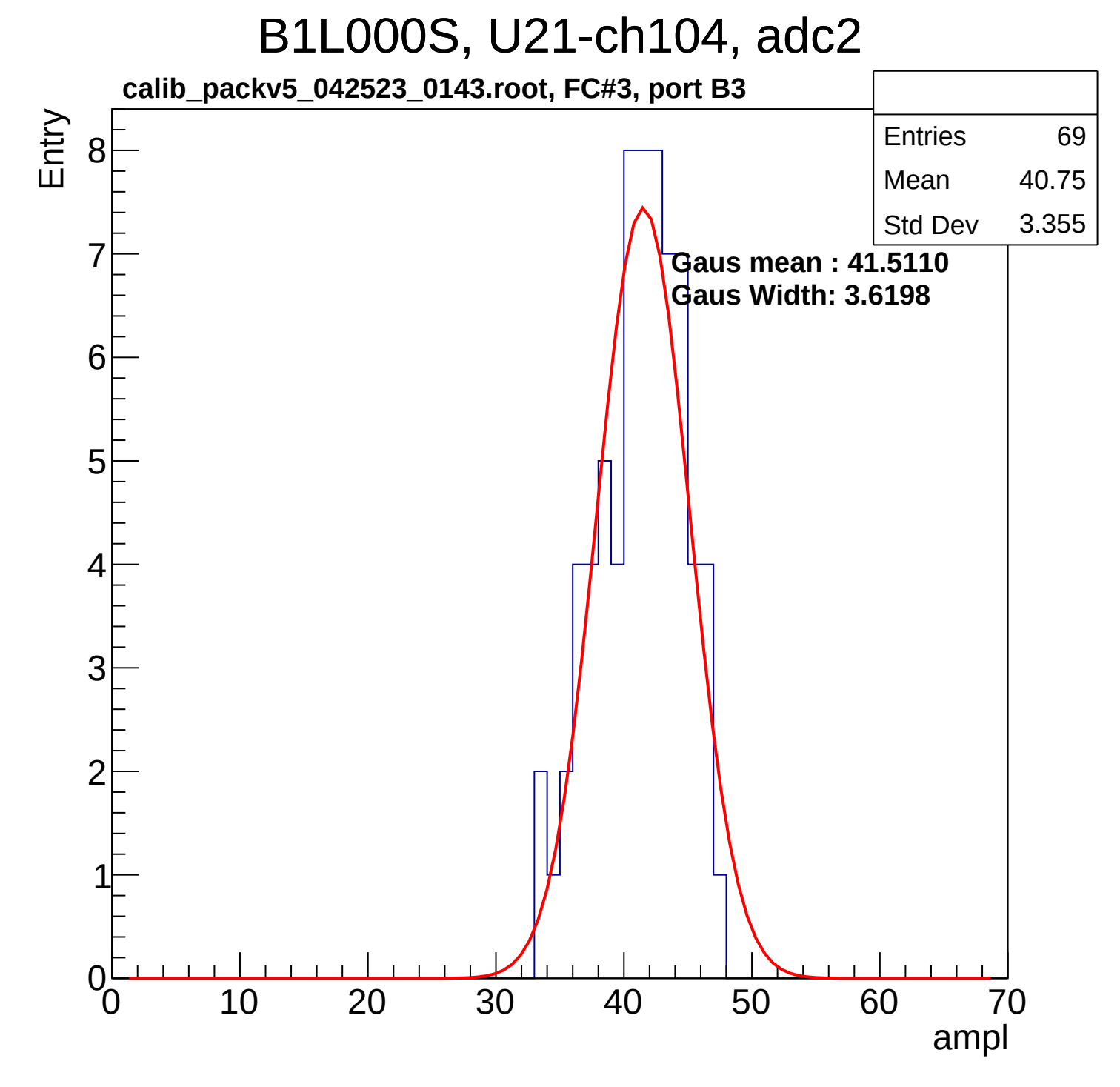

B1L000S, U21-ch103, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 58.35
Std Dev 8.606
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

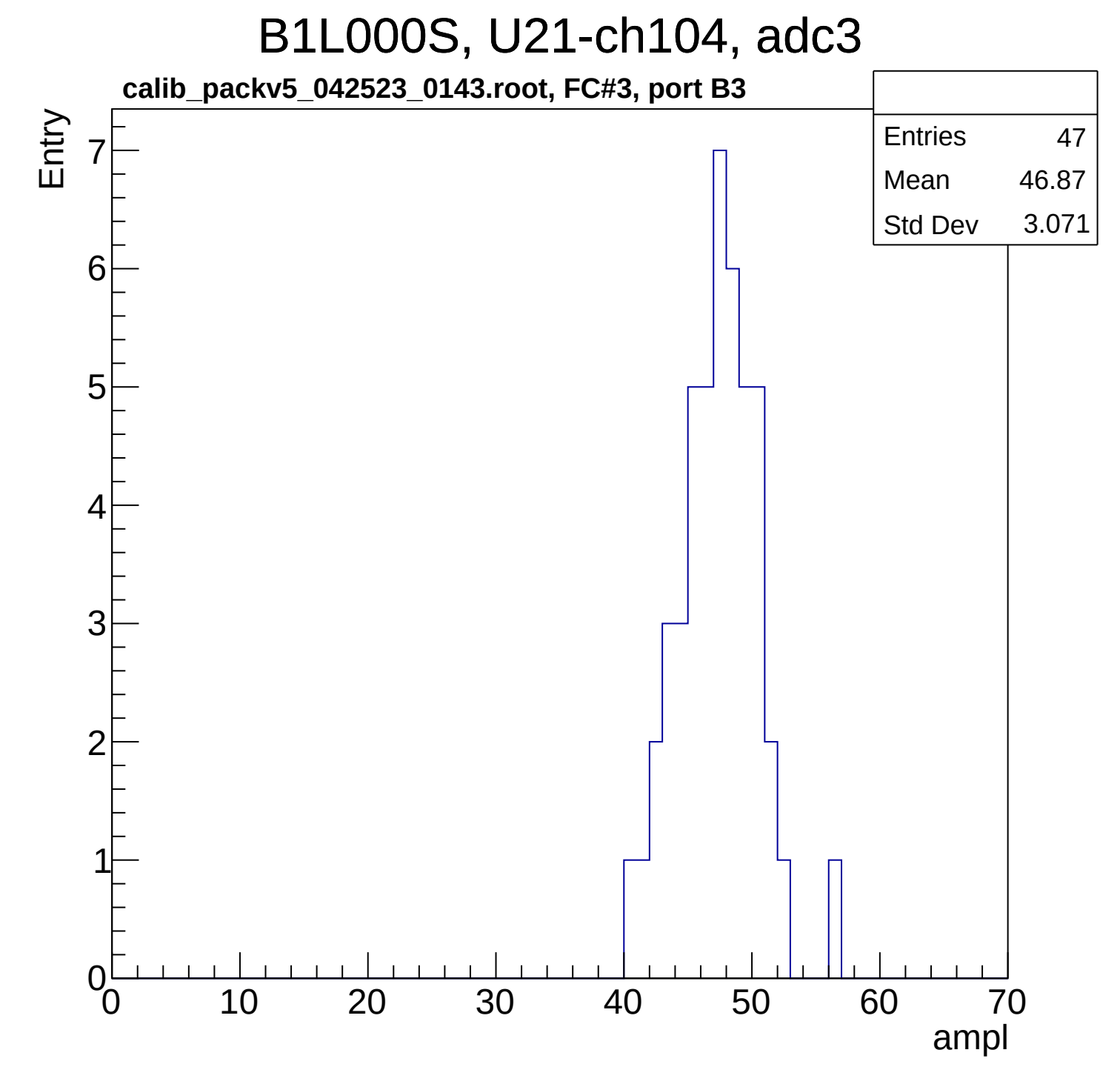

B1L000S, U21-ch103, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 10
Mean 62.1
Std Dev 1.136
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70

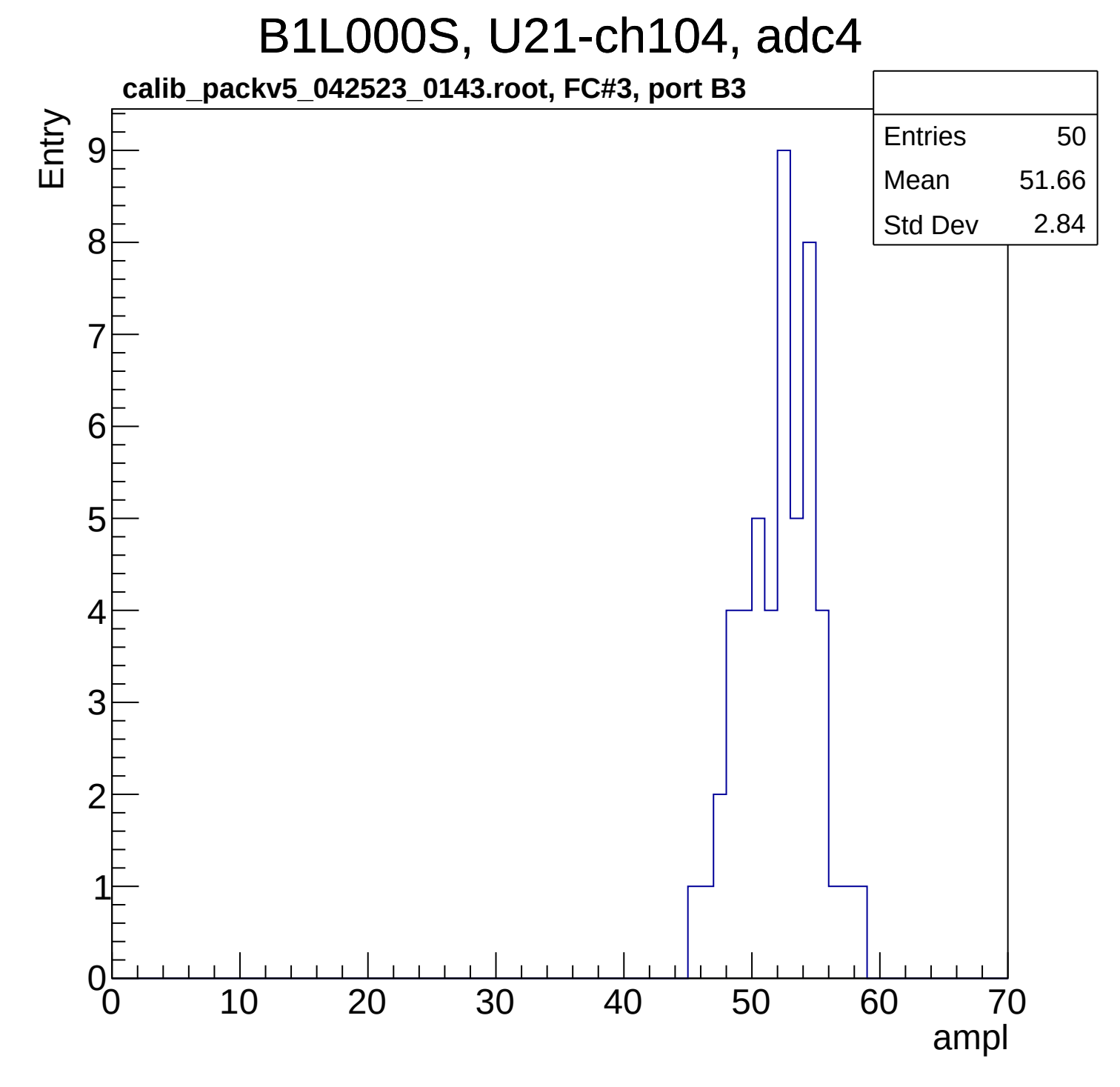

B1L000S, U21-ch103, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 20.75
Std Dev 25.72
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

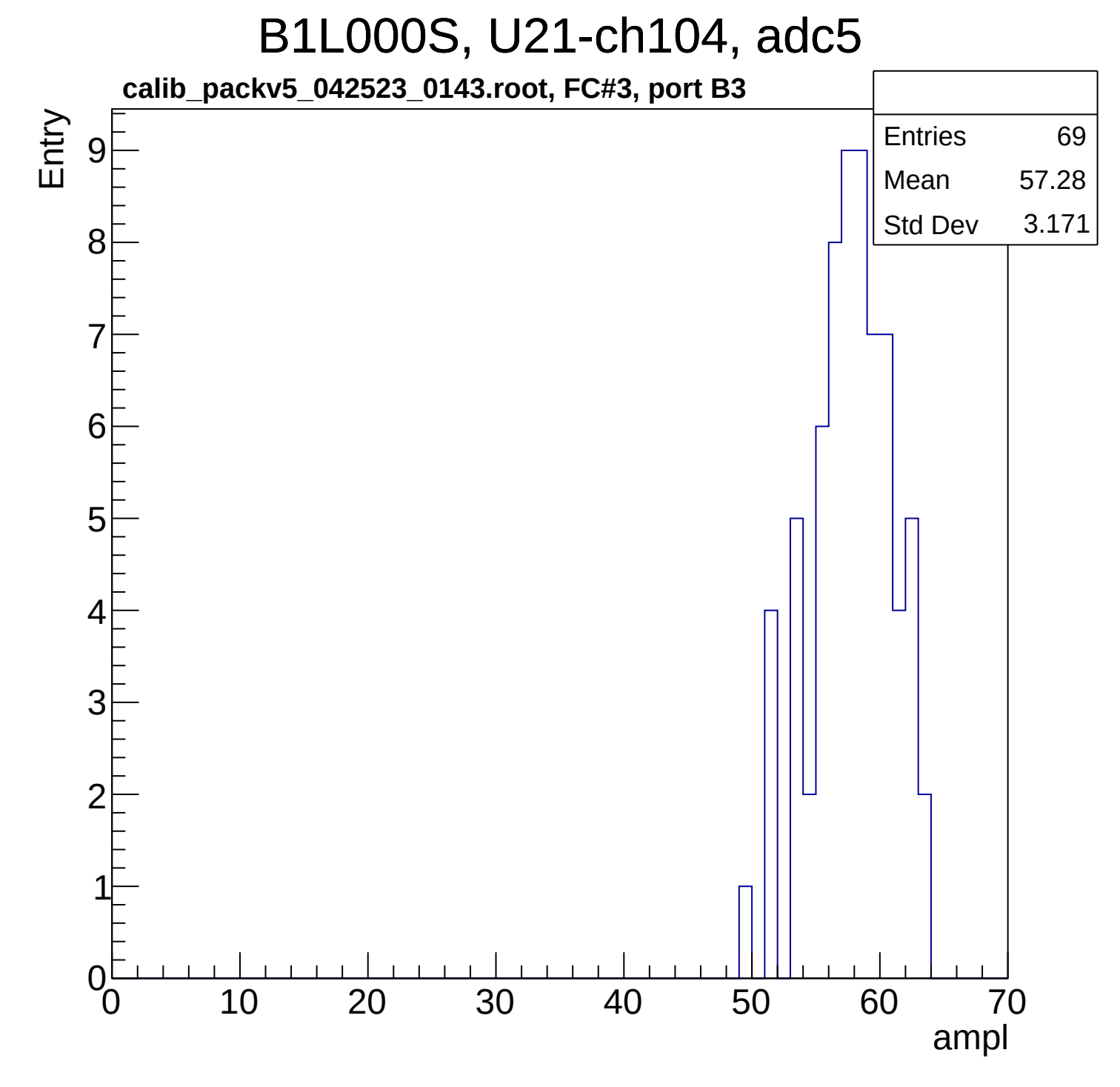

B1L000S, U21-ch104, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 28.15
Std Dev 2.999
Gaus mean : 28.8174
Gaus Width: 3.3972
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

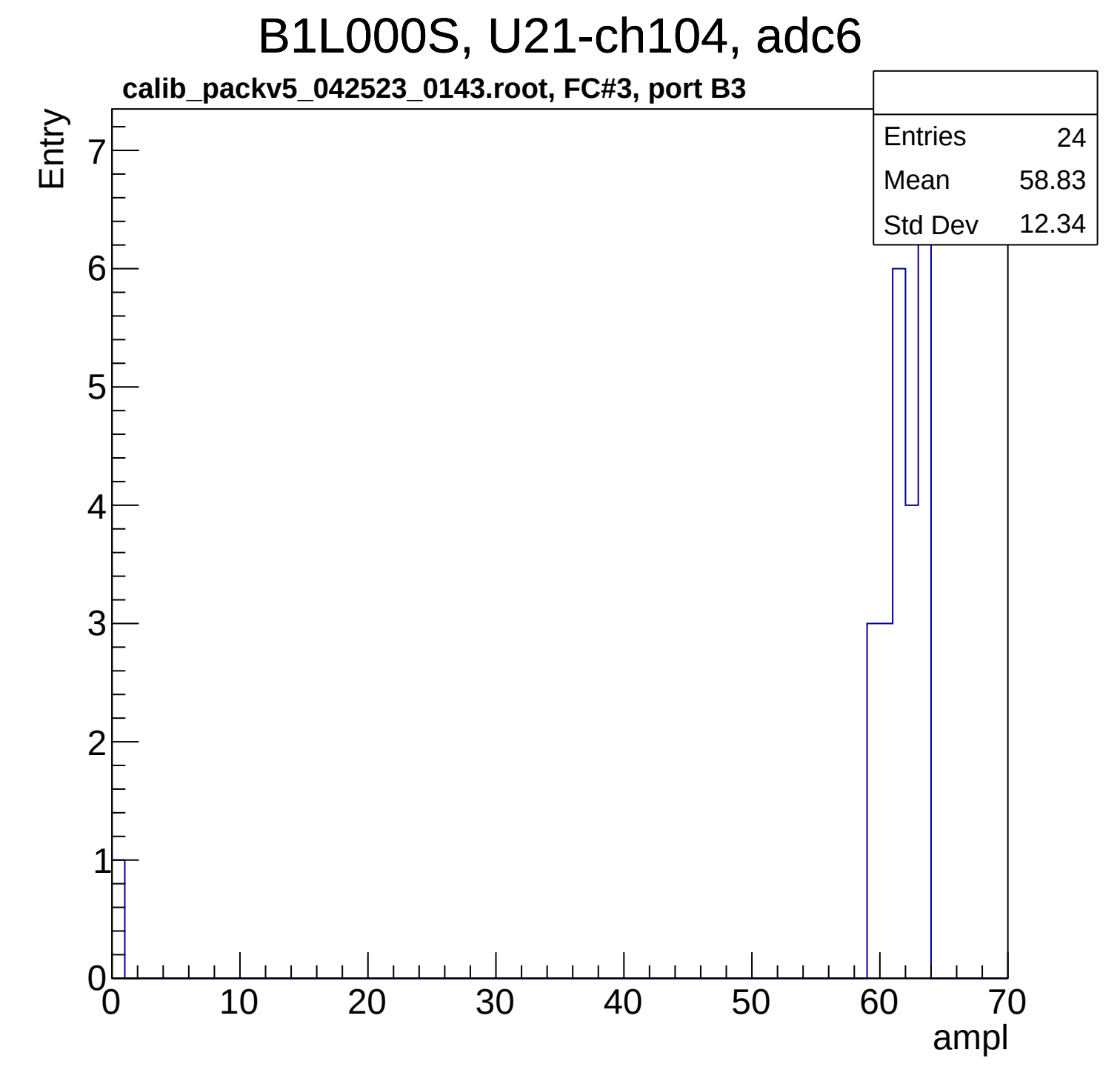

B1L000S, U21-ch104, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 34.67
Std Dev 3.045
Gaus mean : 35.1228
Gaus Width: 3.3432
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

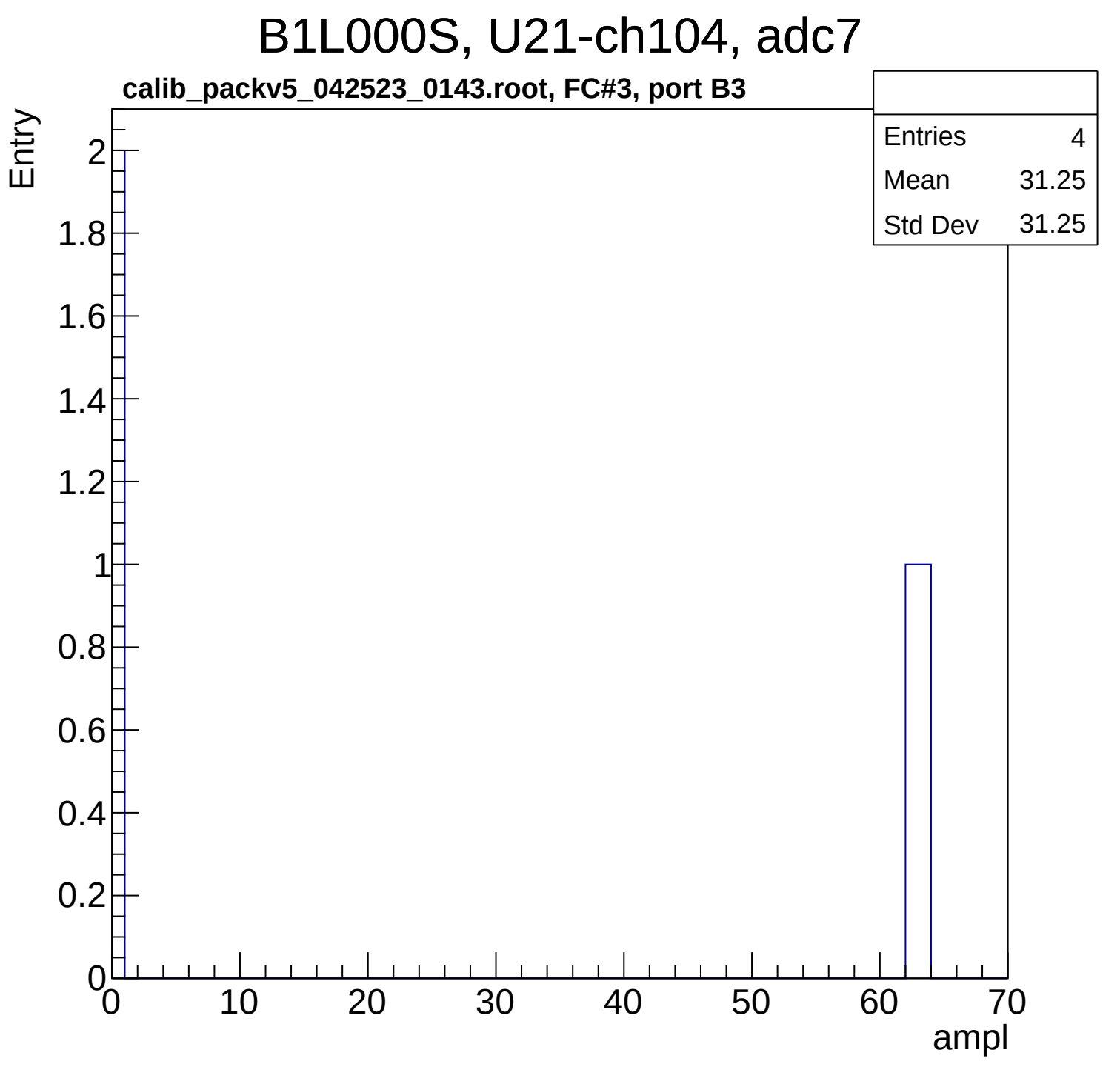

B1L000S, U21-ch104, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 40.75
Std Dev 3.355
Gaus mean : 41.5110
Gaus Width: 3.6198
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

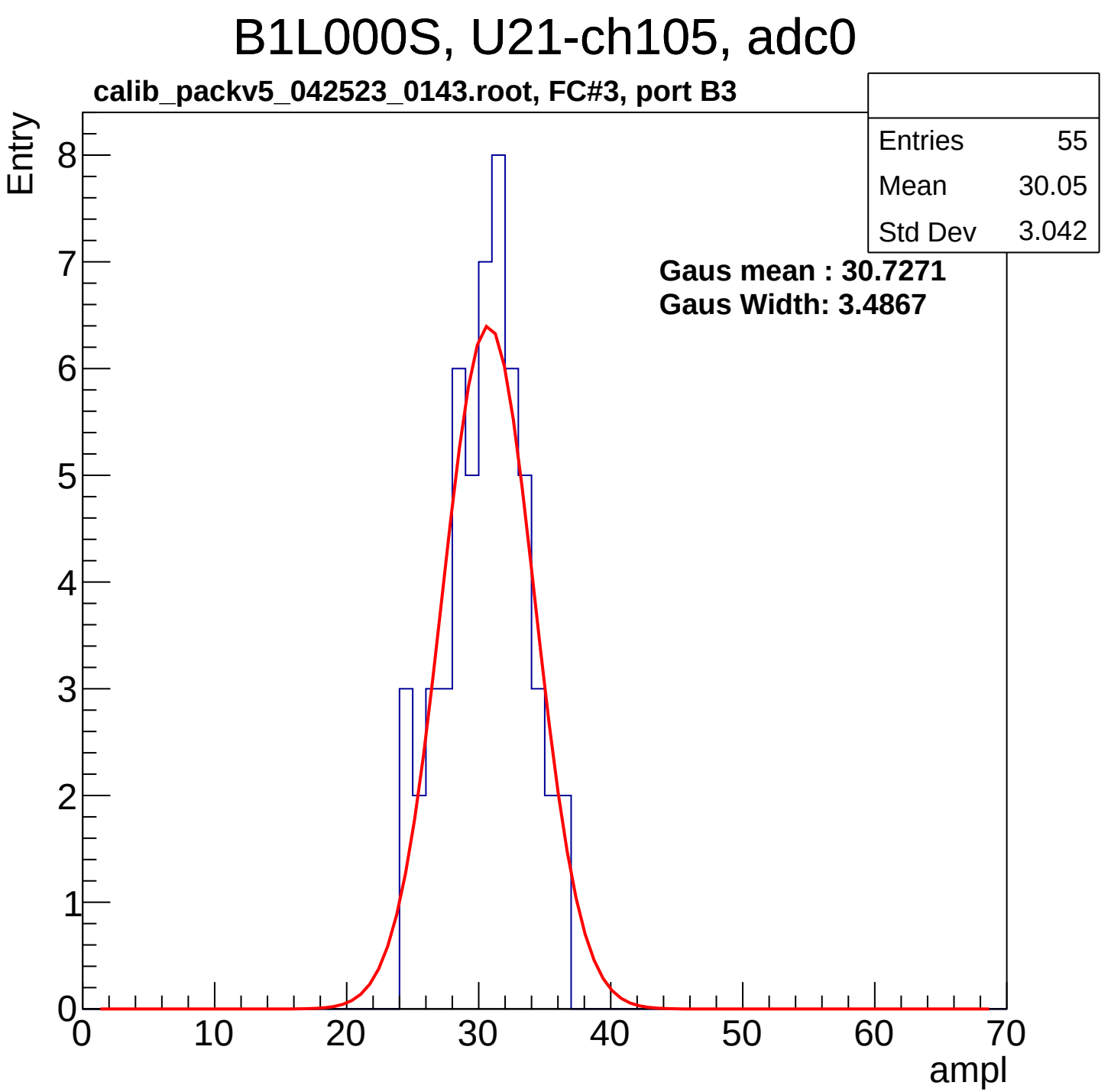

B1L000S, U21-ch104, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 46.87
Std Dev 3.071
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

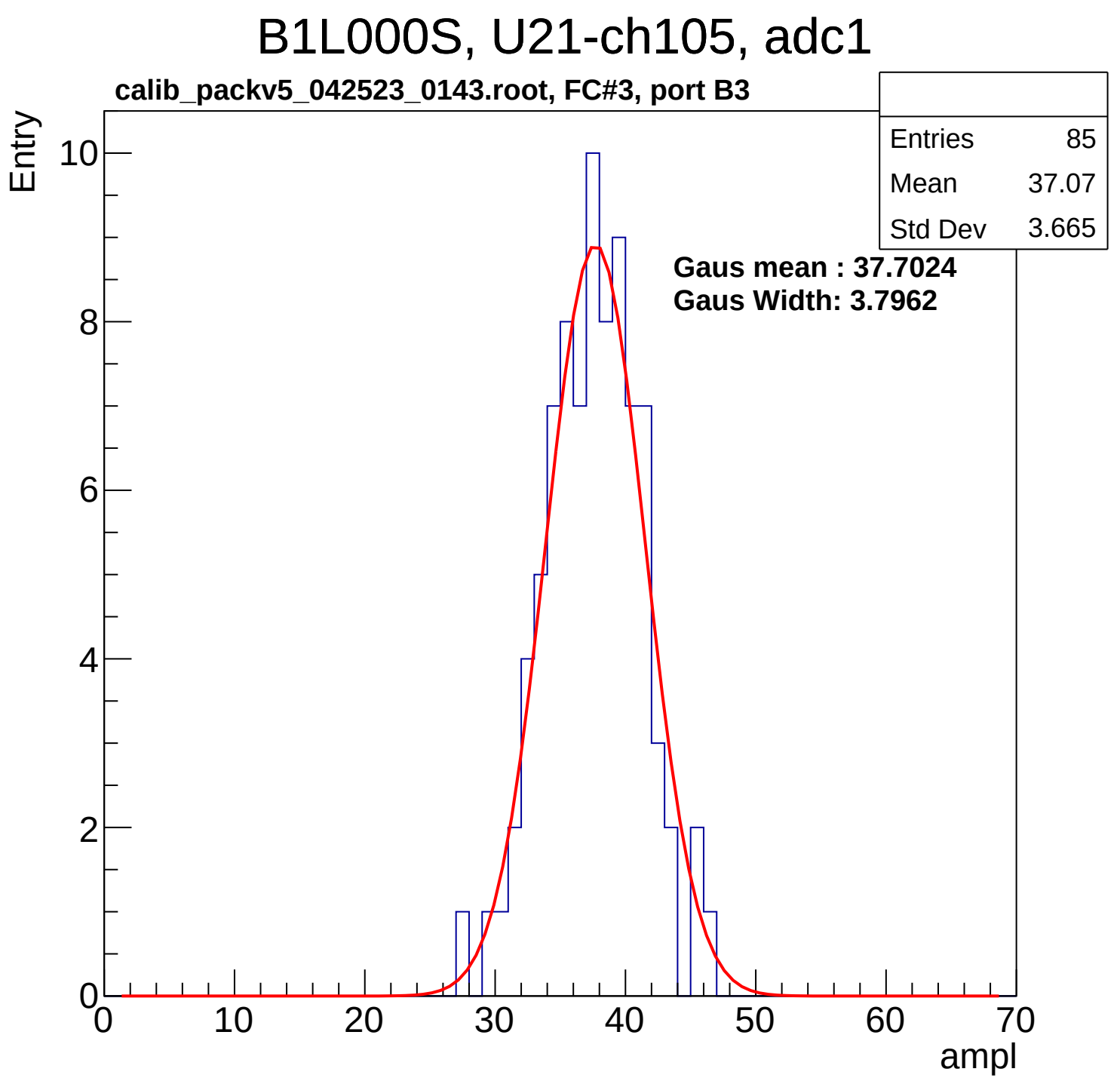

B1L000S, U21-ch104, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 51.66
Std Dev 2.84
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

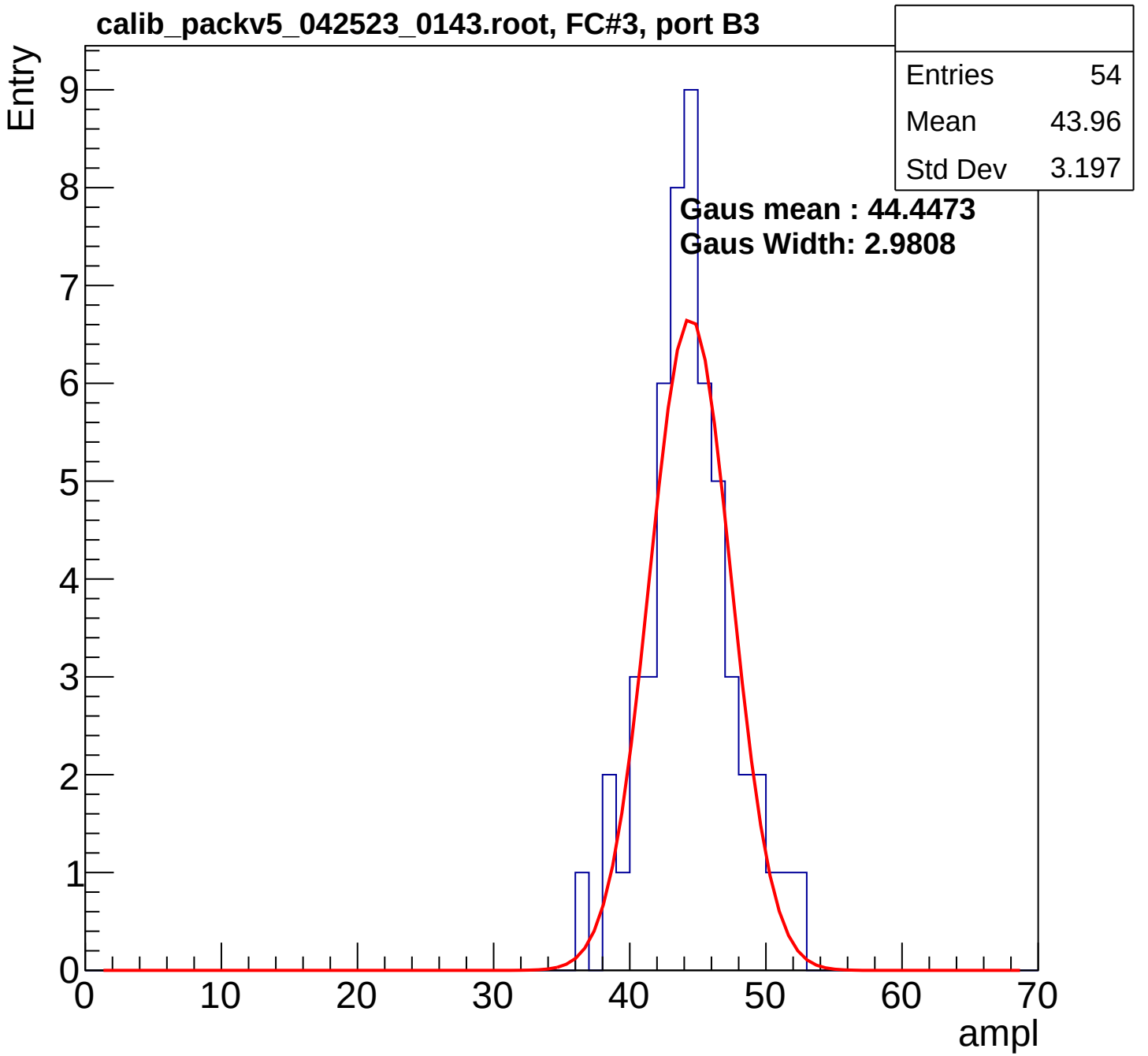

B1L000S, U21-ch104, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 57.28
Std Dev 3.171
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

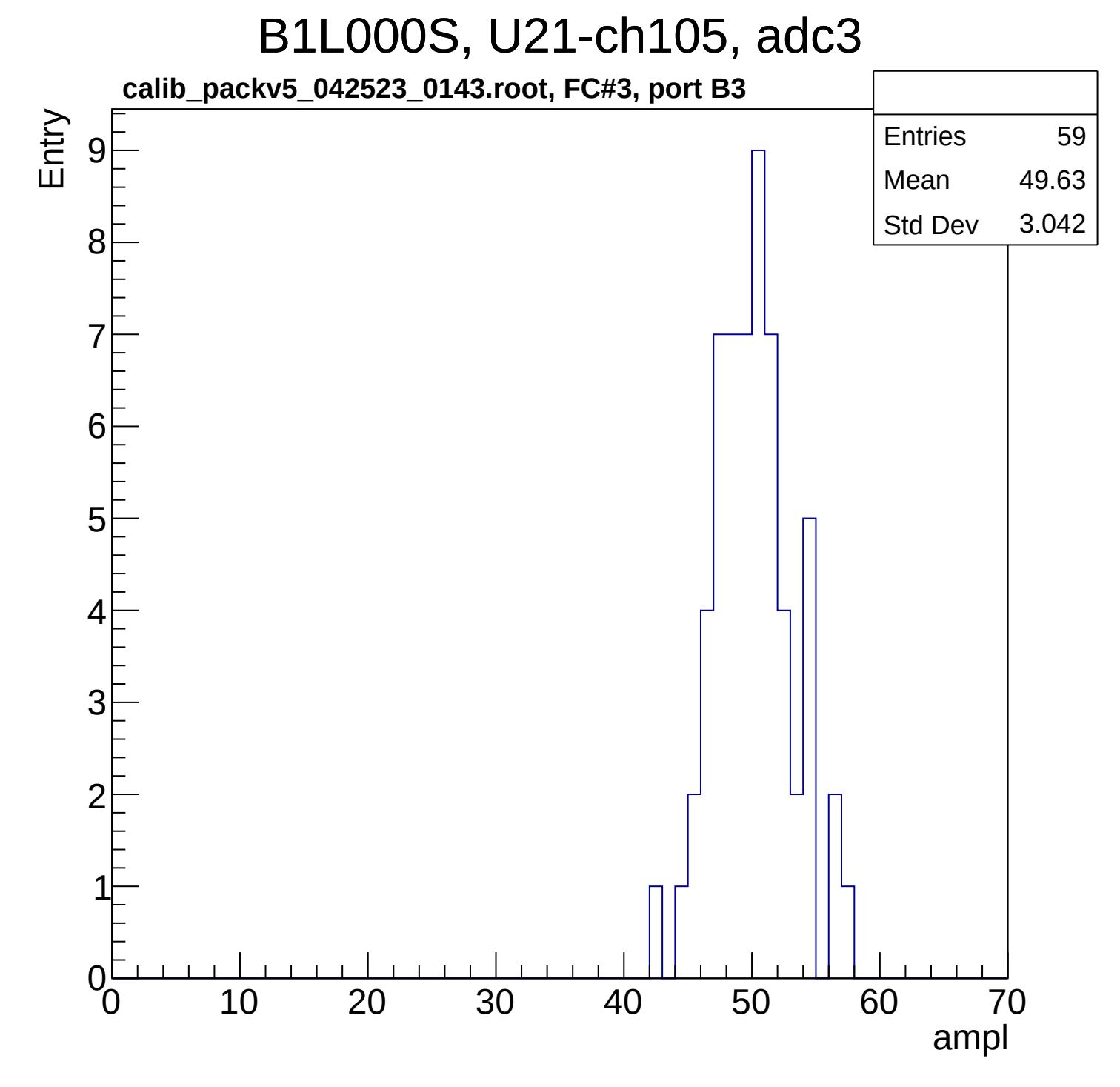

B1L000S, U21-ch104, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 24
Mean 58.83
Std Dev 12.34
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

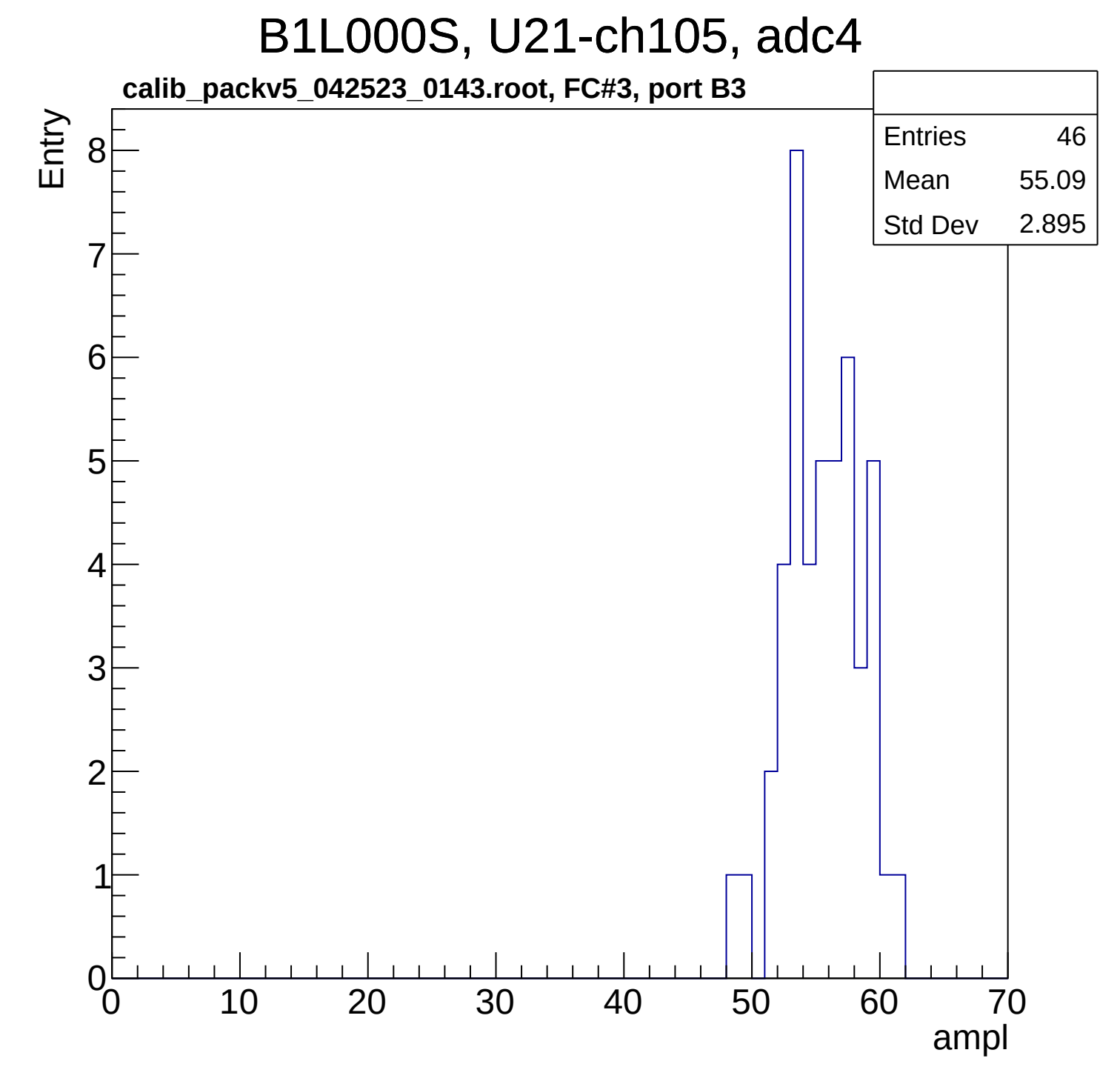

B1L000S, U21-ch104, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 31.25
Std Dev 31.25
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

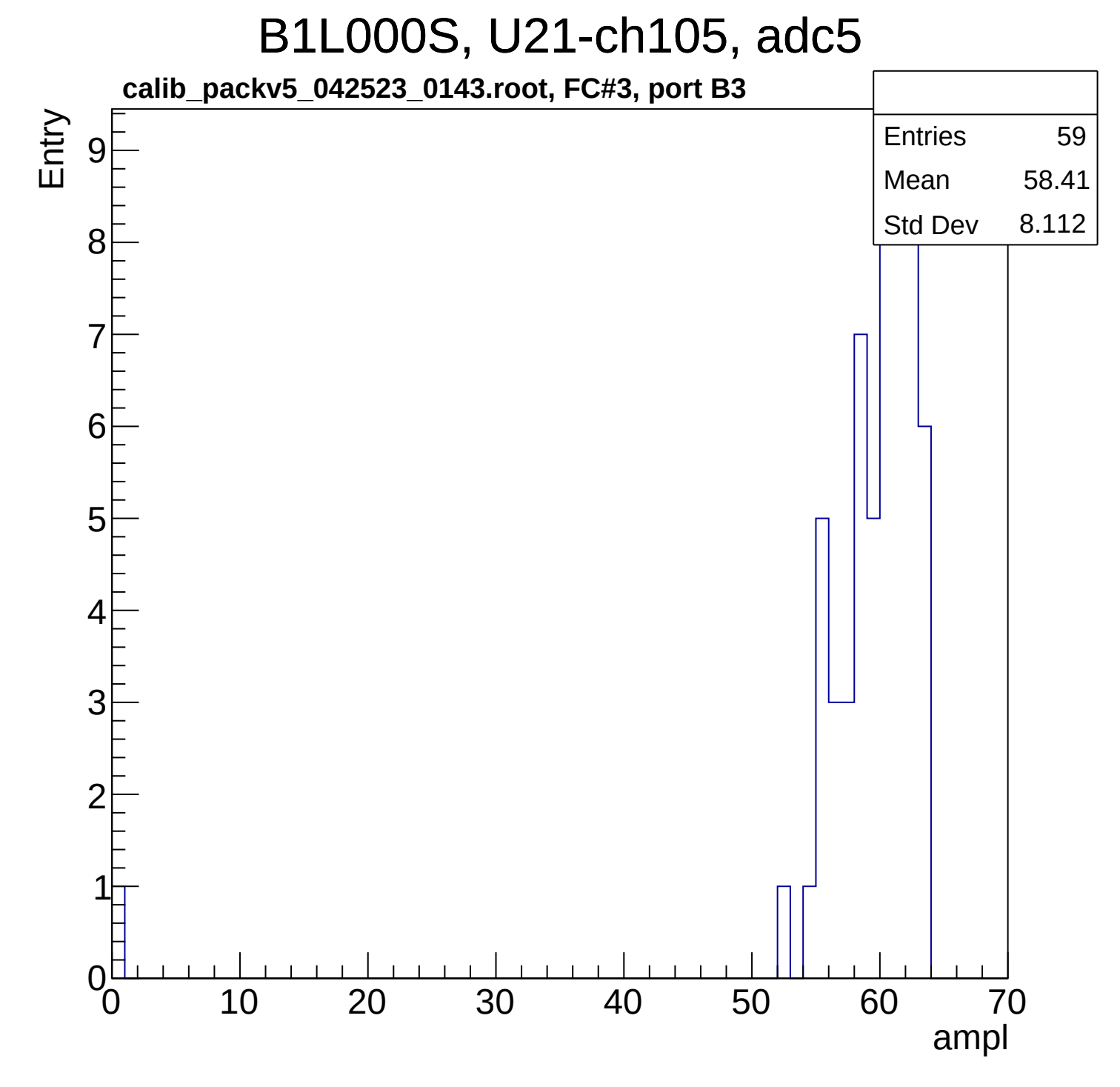

B1L000S, U21-ch105, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 30.05
Std Dev 3.042
Gaus mean : 30.7271
Gaus Width: 3.4867
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

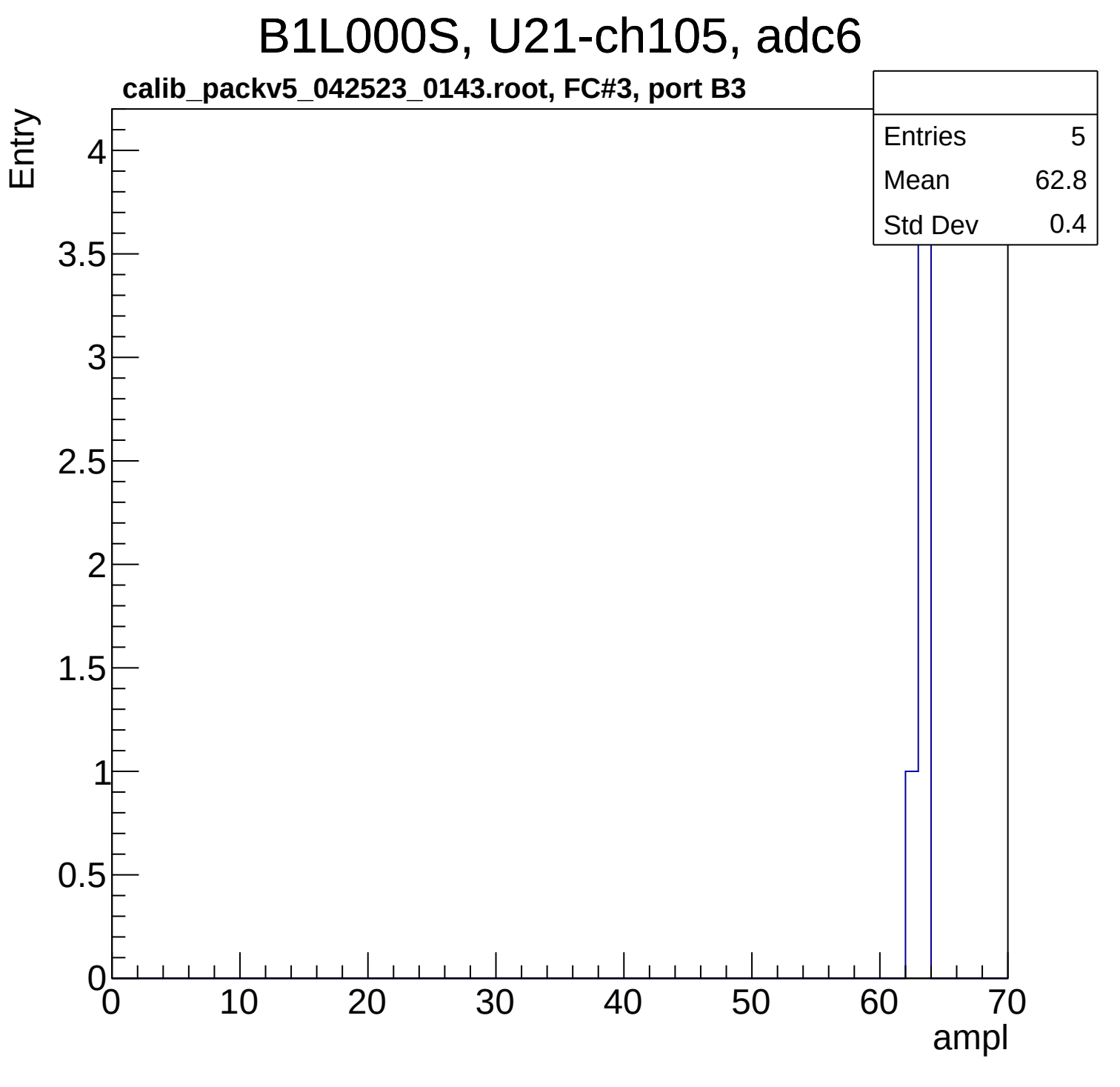

B1L000S, U21-ch105, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 85
Mean 37.07
Std Dev 3.665
Gaus mean : 37.7024
Gaus Width: 3.7962
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

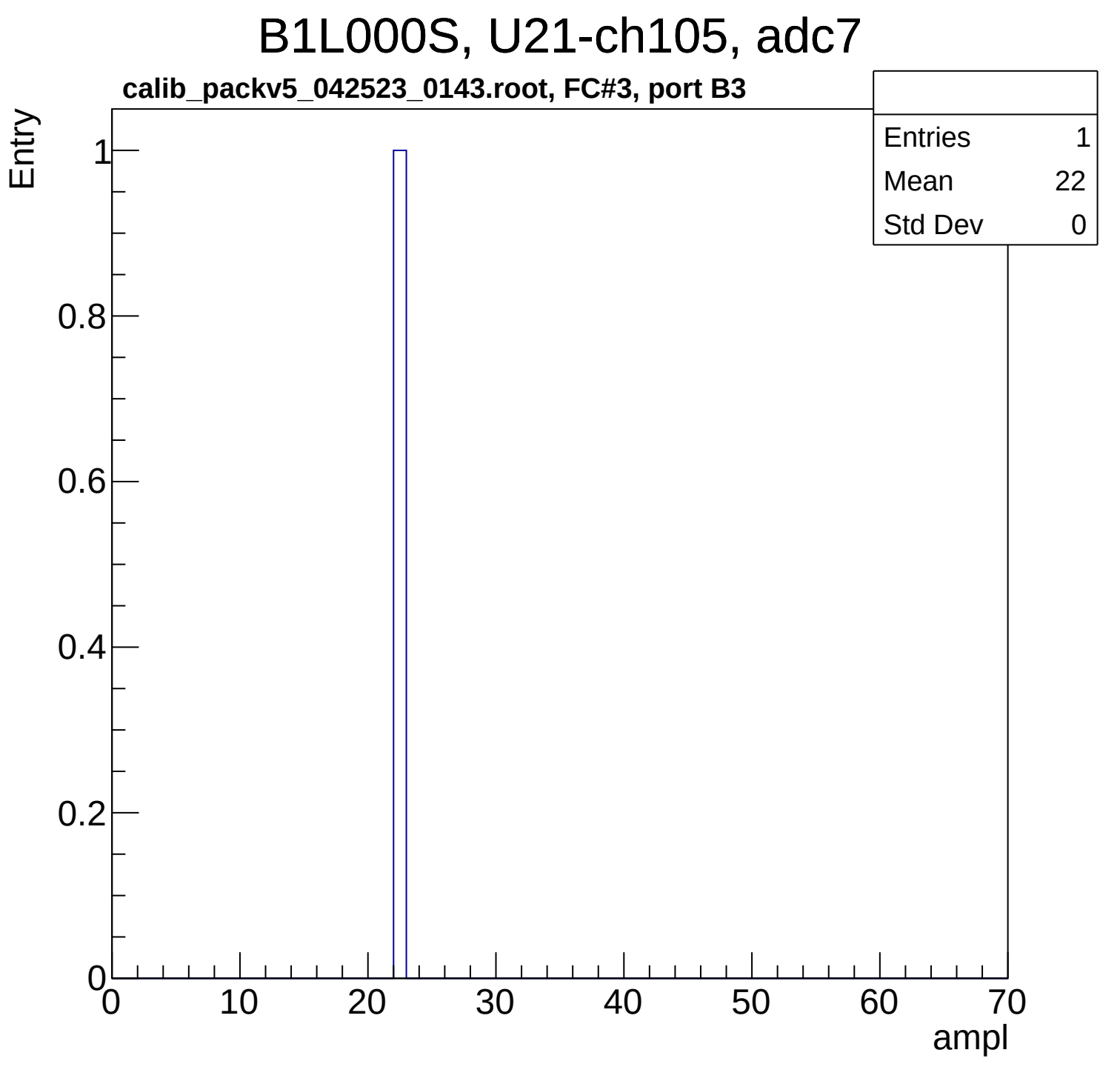

B1L000S, U21-ch105, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 43.96
Std Dev 3.197
Gaus mean : 44.4473
Gaus Width: 2.9808
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

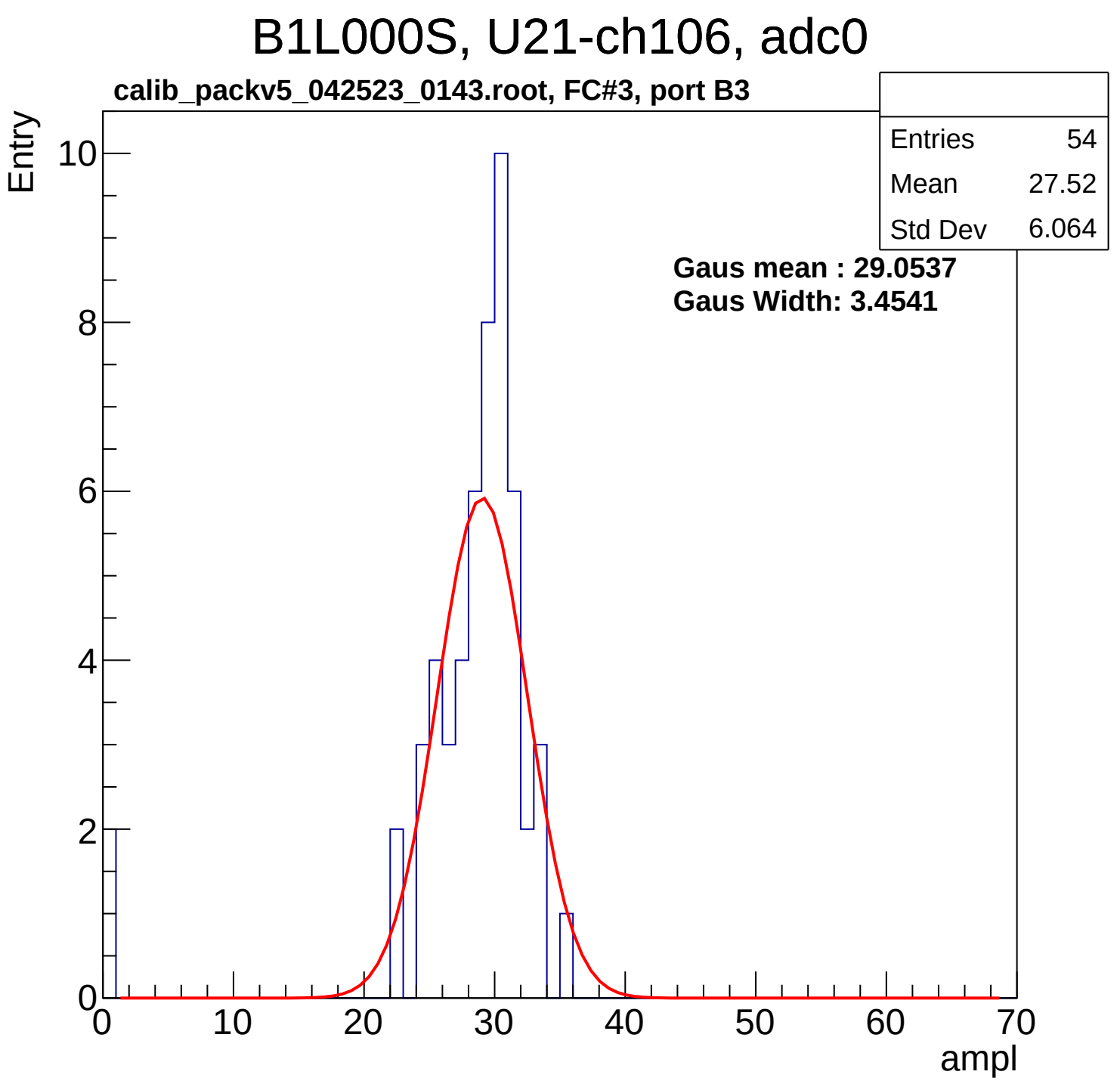

B1L000S, U21-ch105, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 49.63
Std Dev 3.042
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

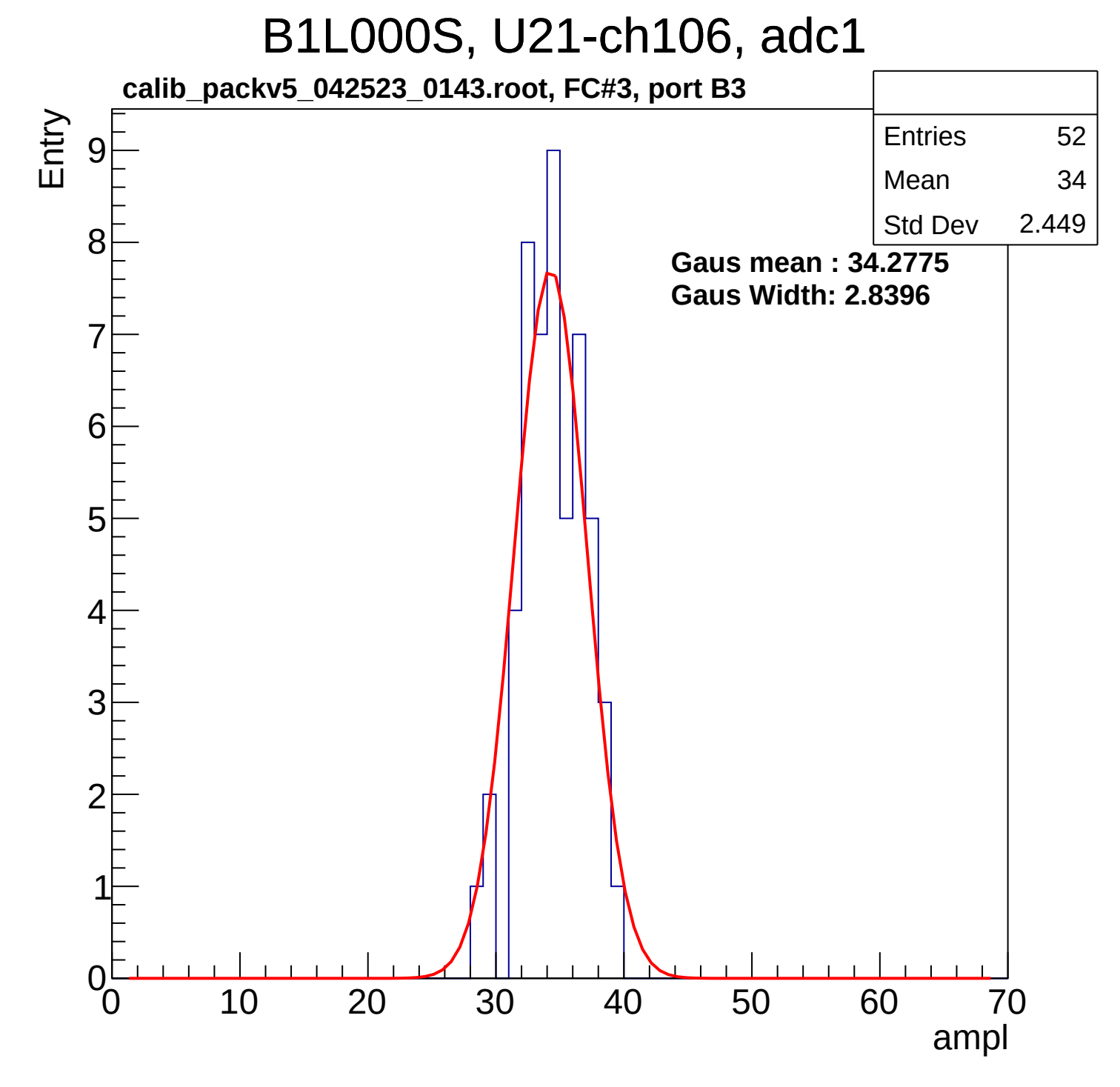

B1L000S, U21-ch105, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 55.09
Std Dev 2.895
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

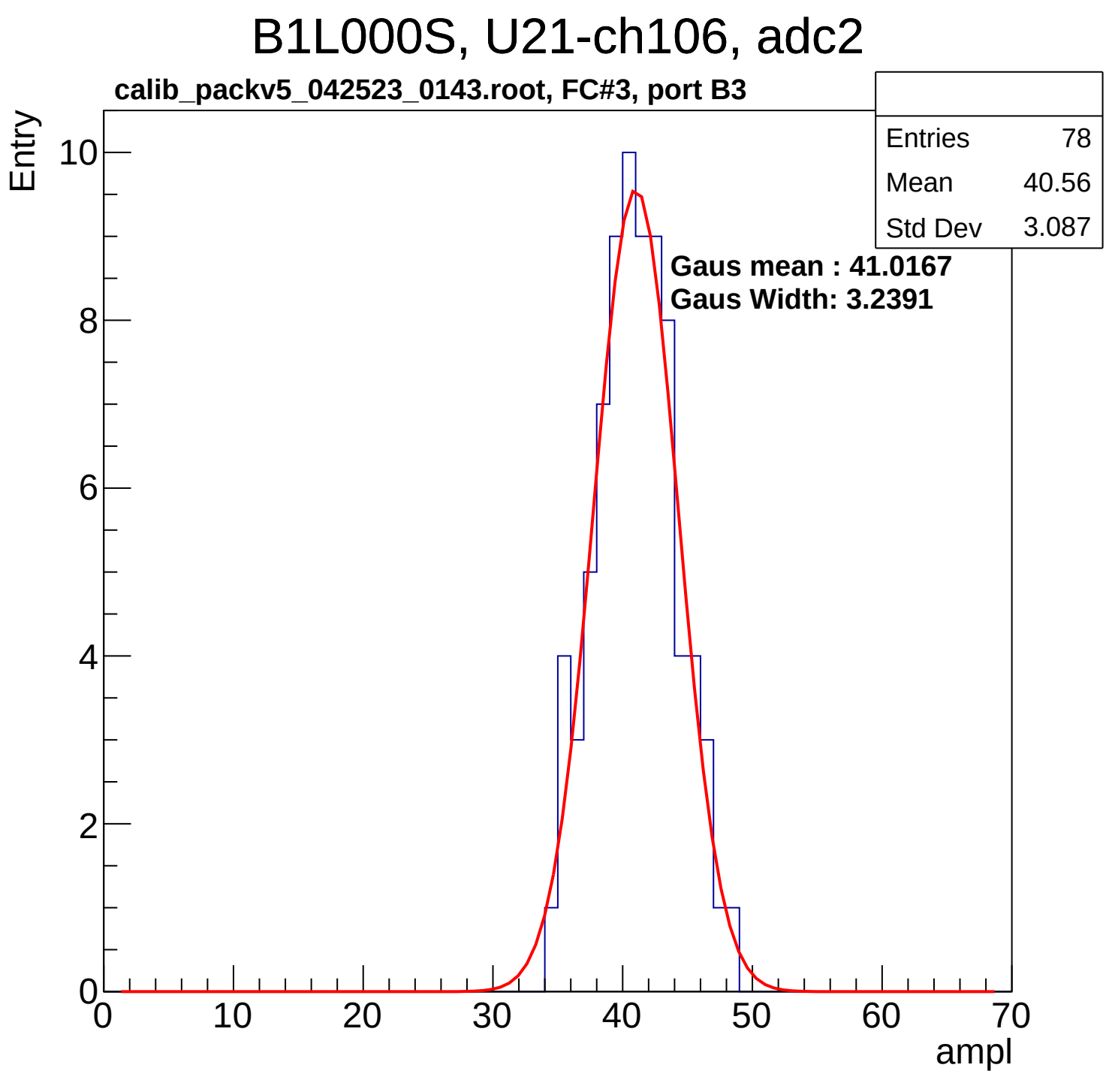

B1L000S, U21-ch105, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 58.41
Std Dev 8.112
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

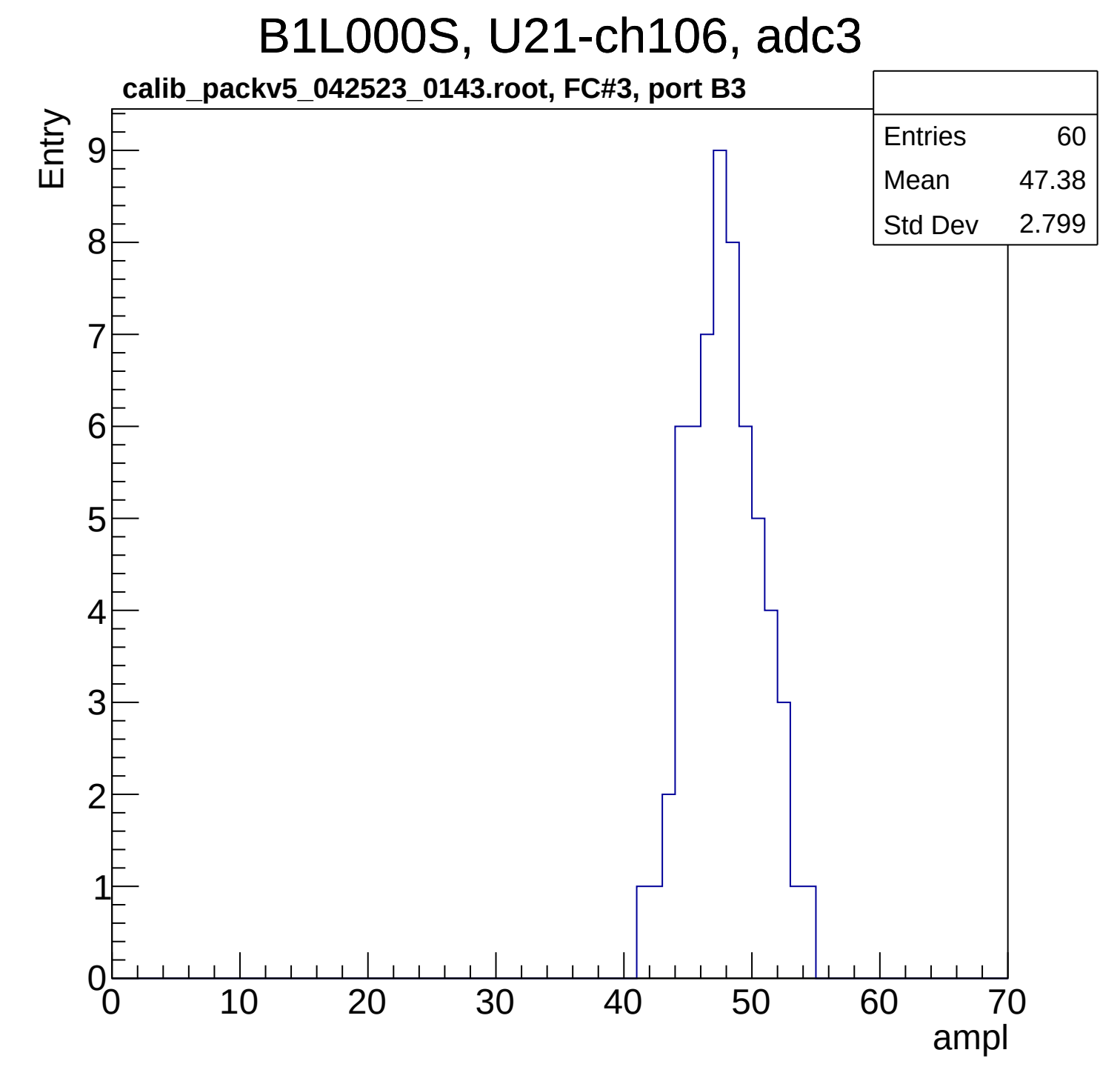

B1L000S, U21-ch105, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 62.8
Std Dev 0.4
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

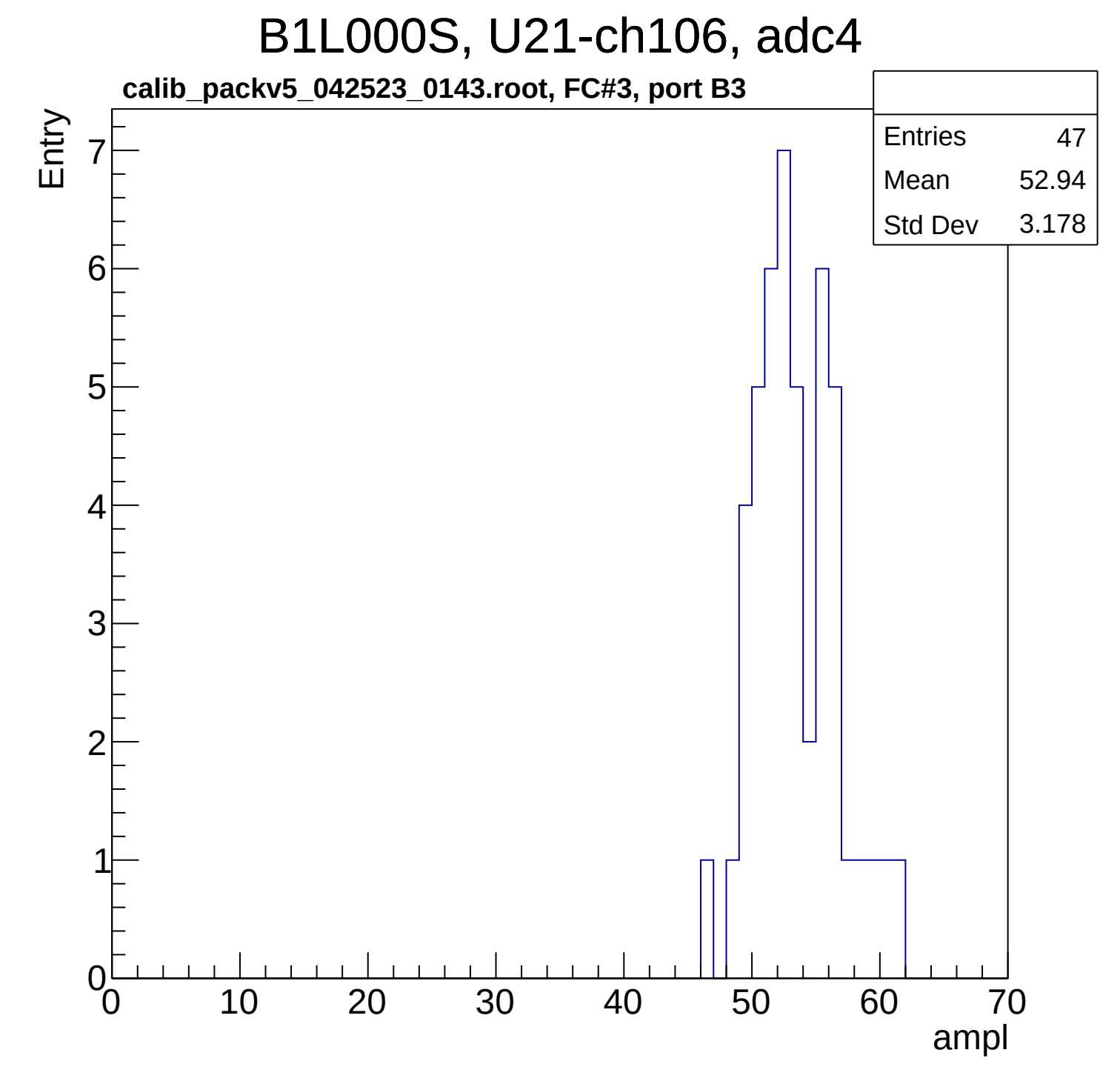

B1L000S, U21-ch105, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 22
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

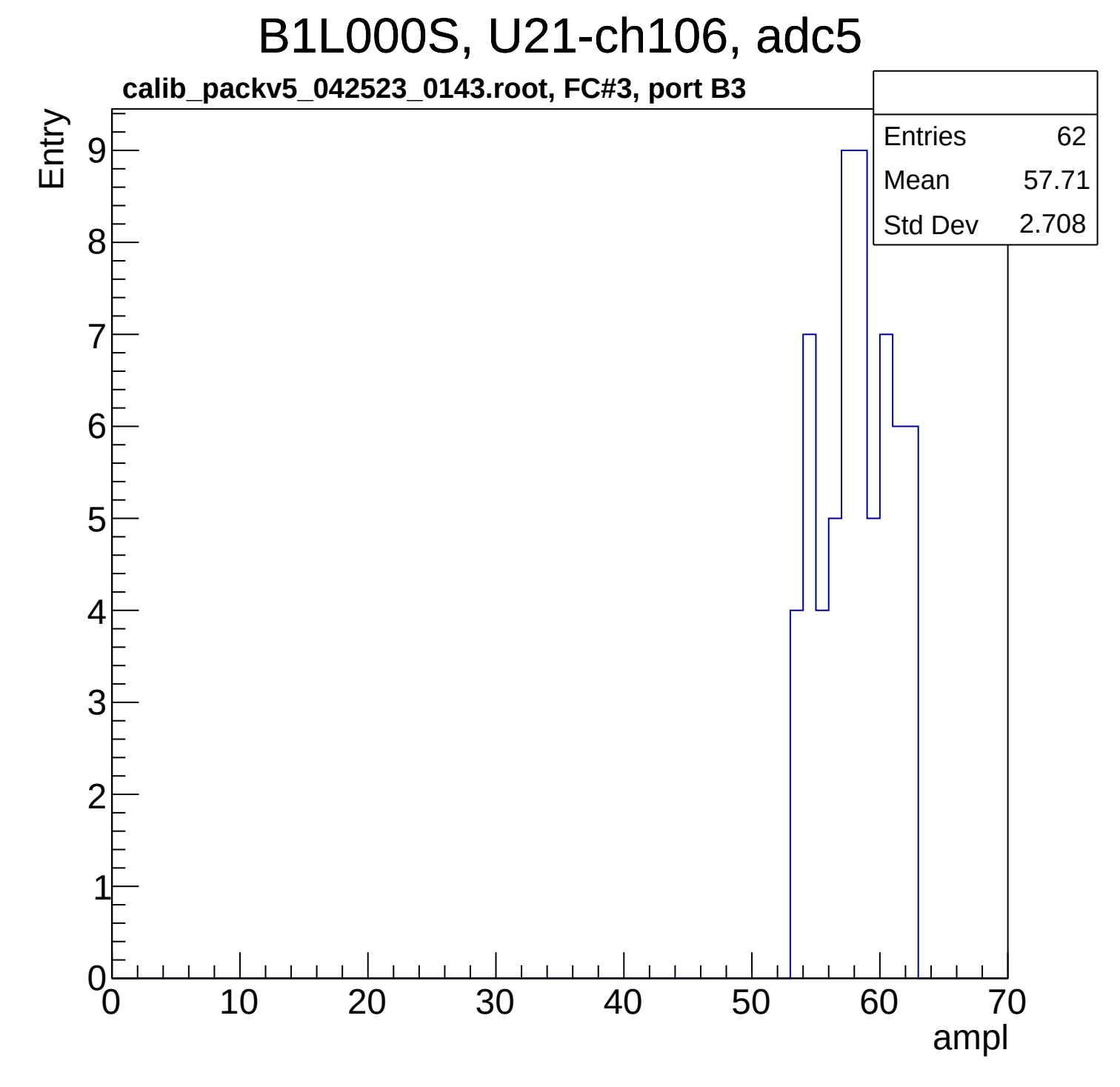

B1L000S, U21-ch106, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 27.52
Std Dev 6.064
Gaus mean : 29.0537
Gaus Width: 3.4541
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

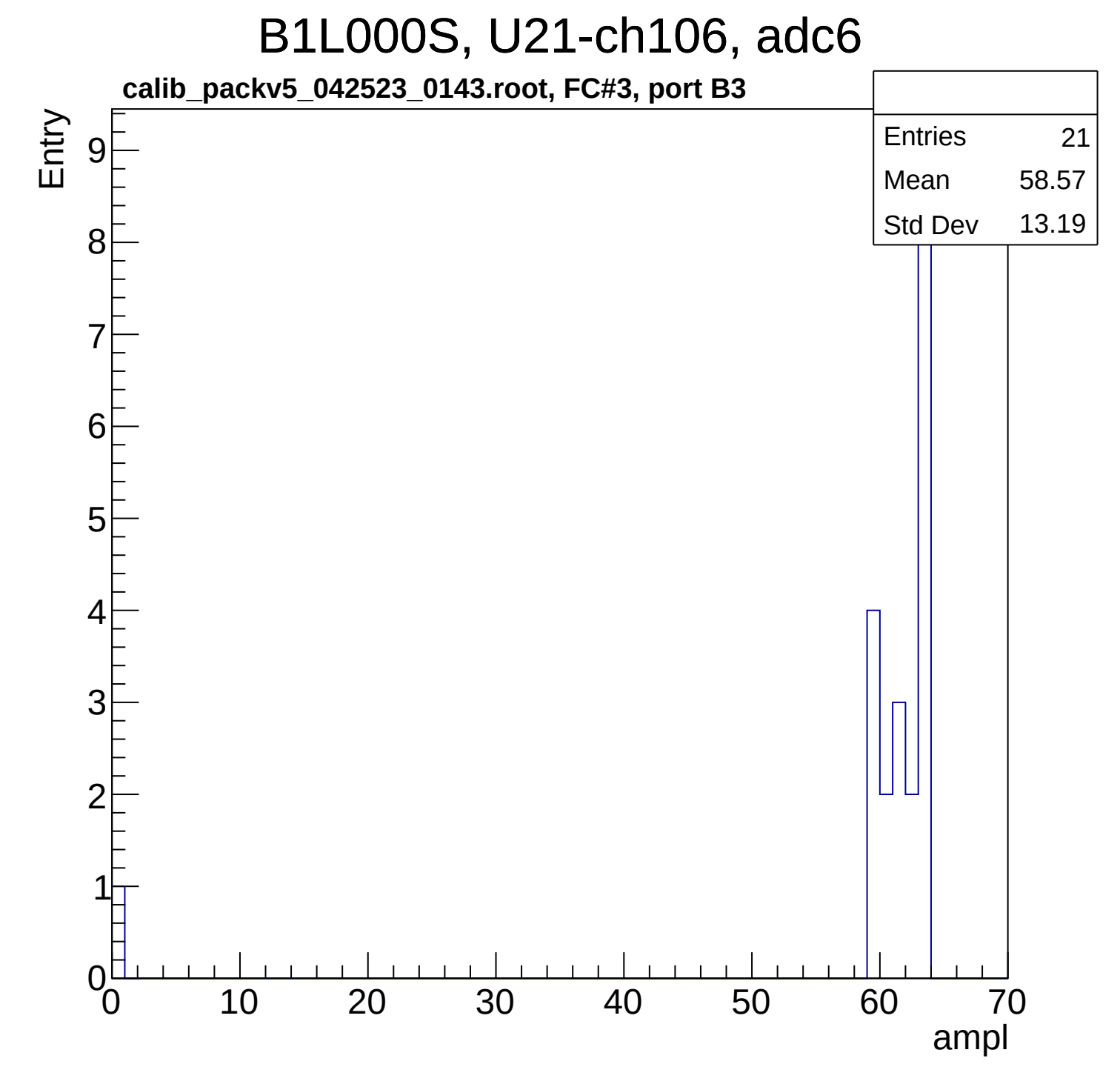

B1L000S, U21-ch106, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 34
Std Dev 2.449
Gaus mean : 34.2775
Gaus Width: 2.8396
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

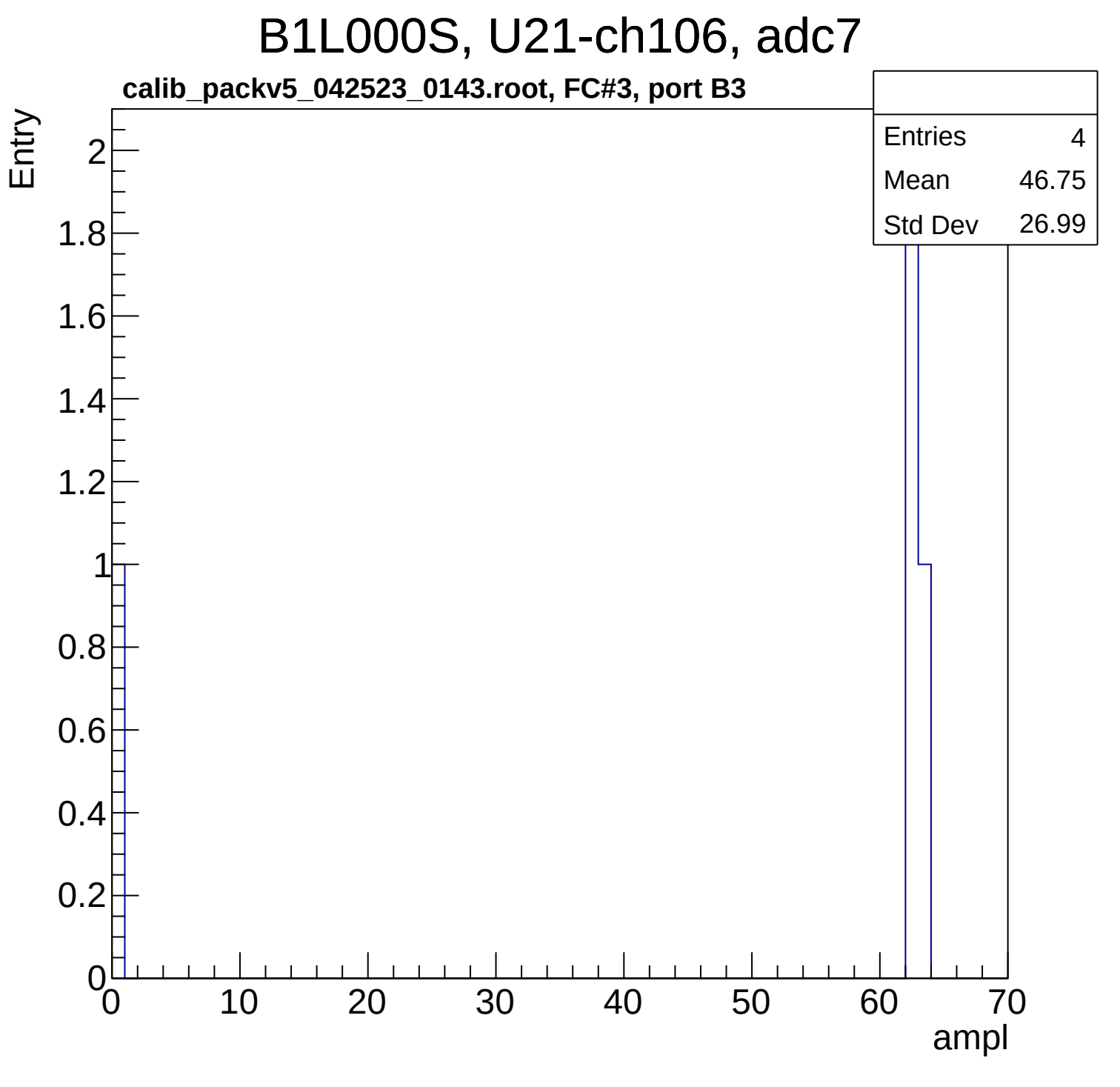

B1L000S, U21-ch106, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 40.56
Std Dev 3.087
Gaus mean : 41.0167
Gaus Width: 3.2391
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

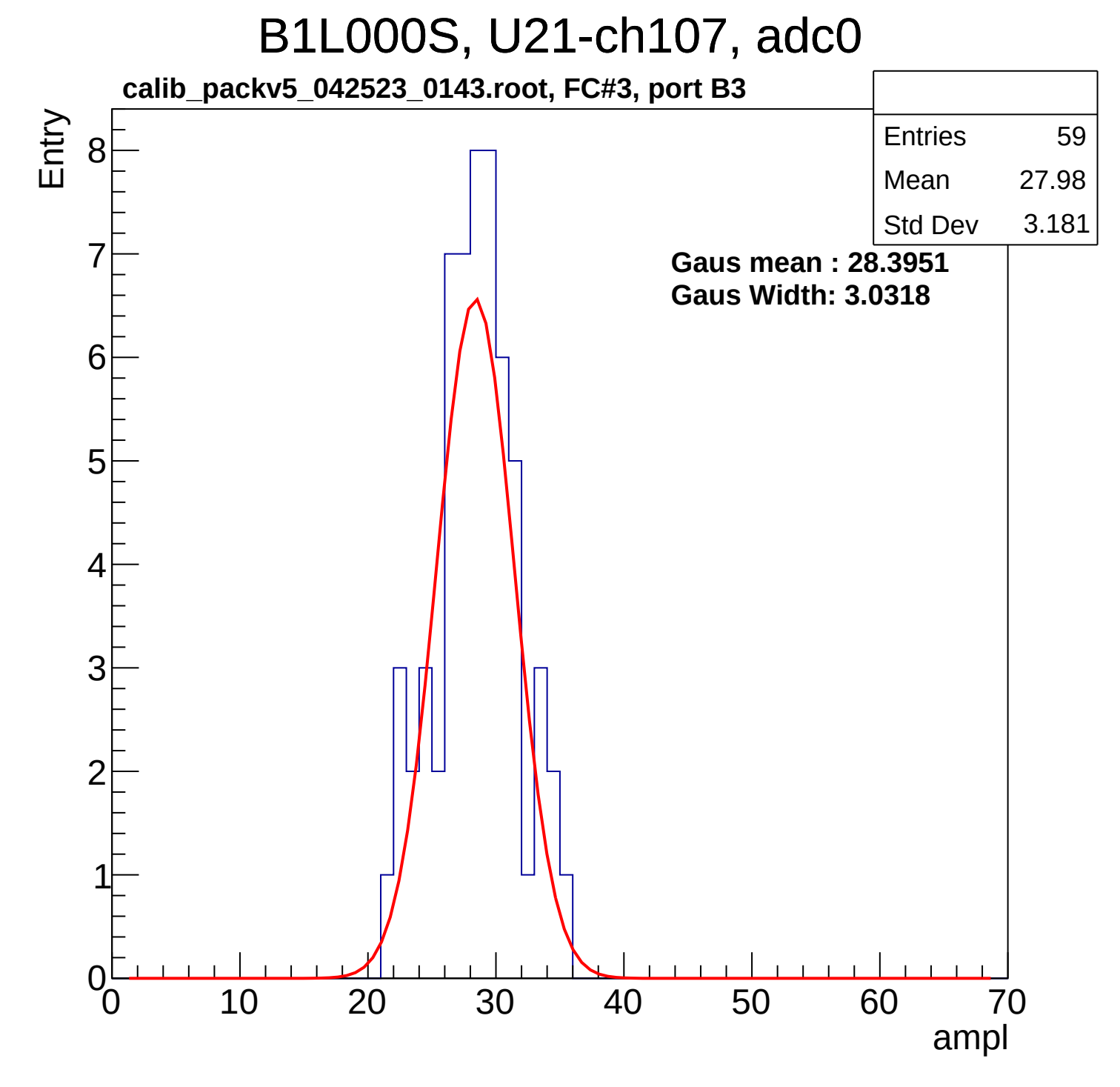

B1L000S, U21-ch106, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 47.38
Std Dev 2.799
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

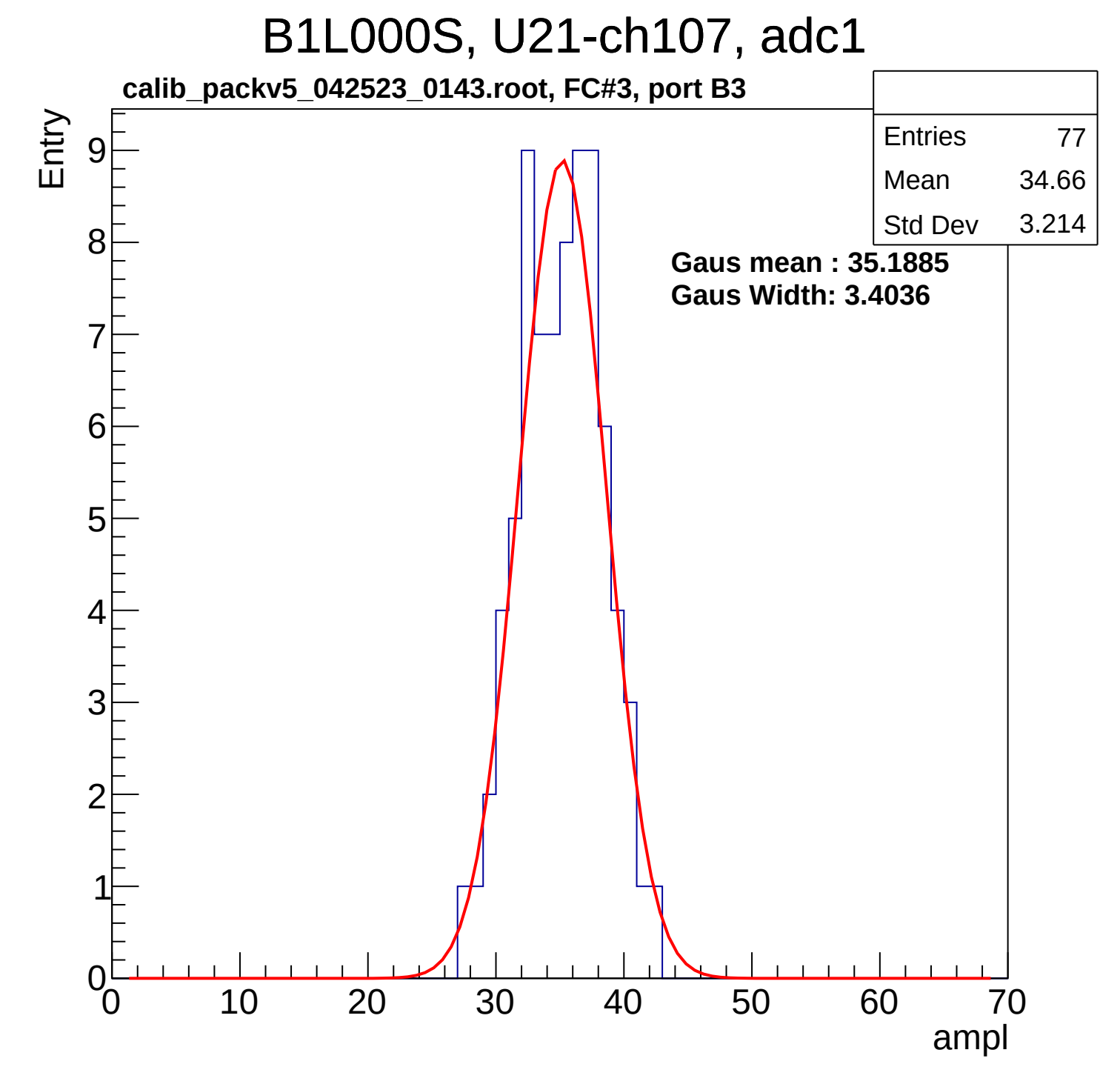

B1L000S, U21-ch106, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 52.94
Std Dev 3.178
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

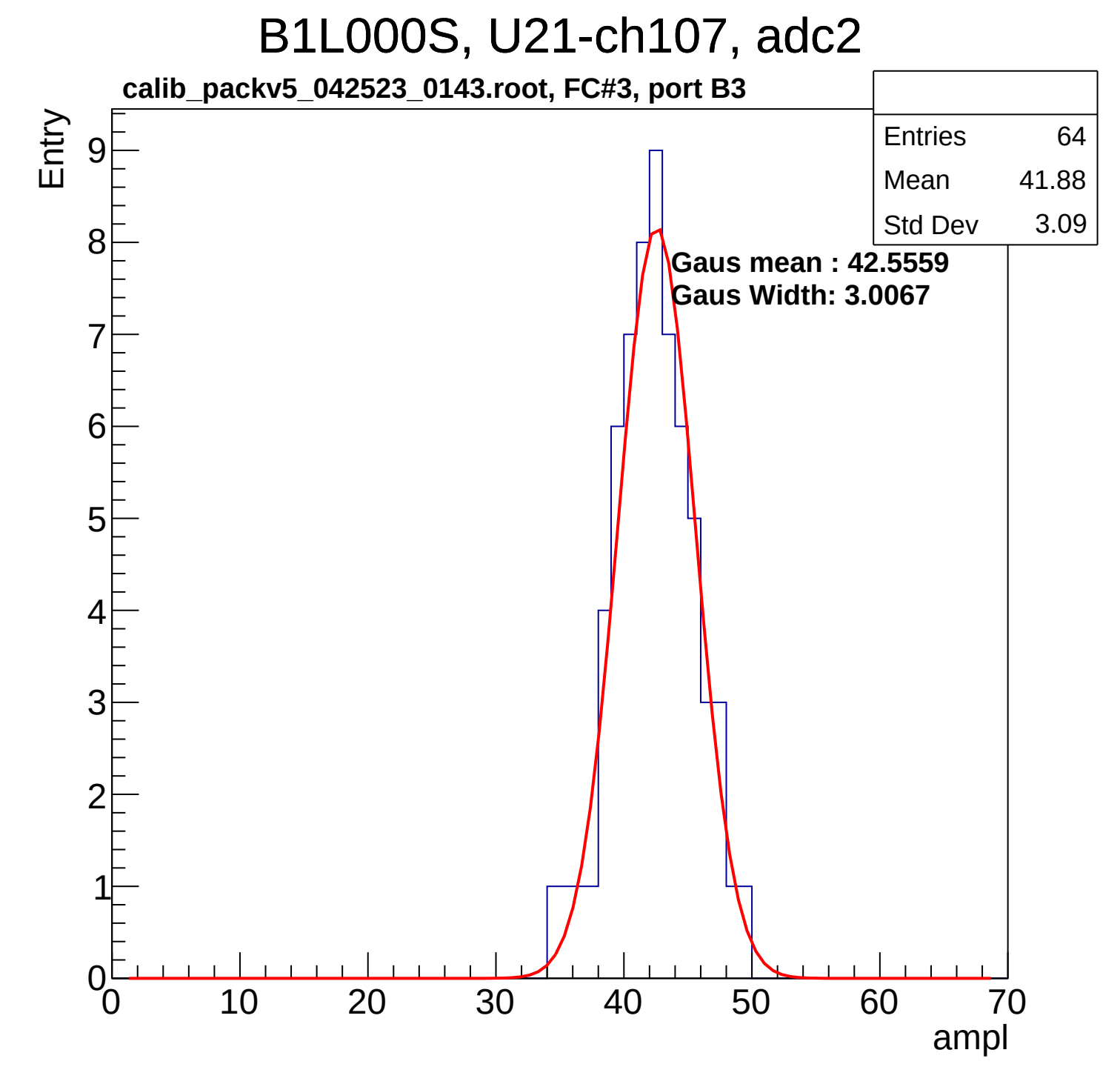

B1L000S, U21-ch106, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 57.71
Std Dev 2.708
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

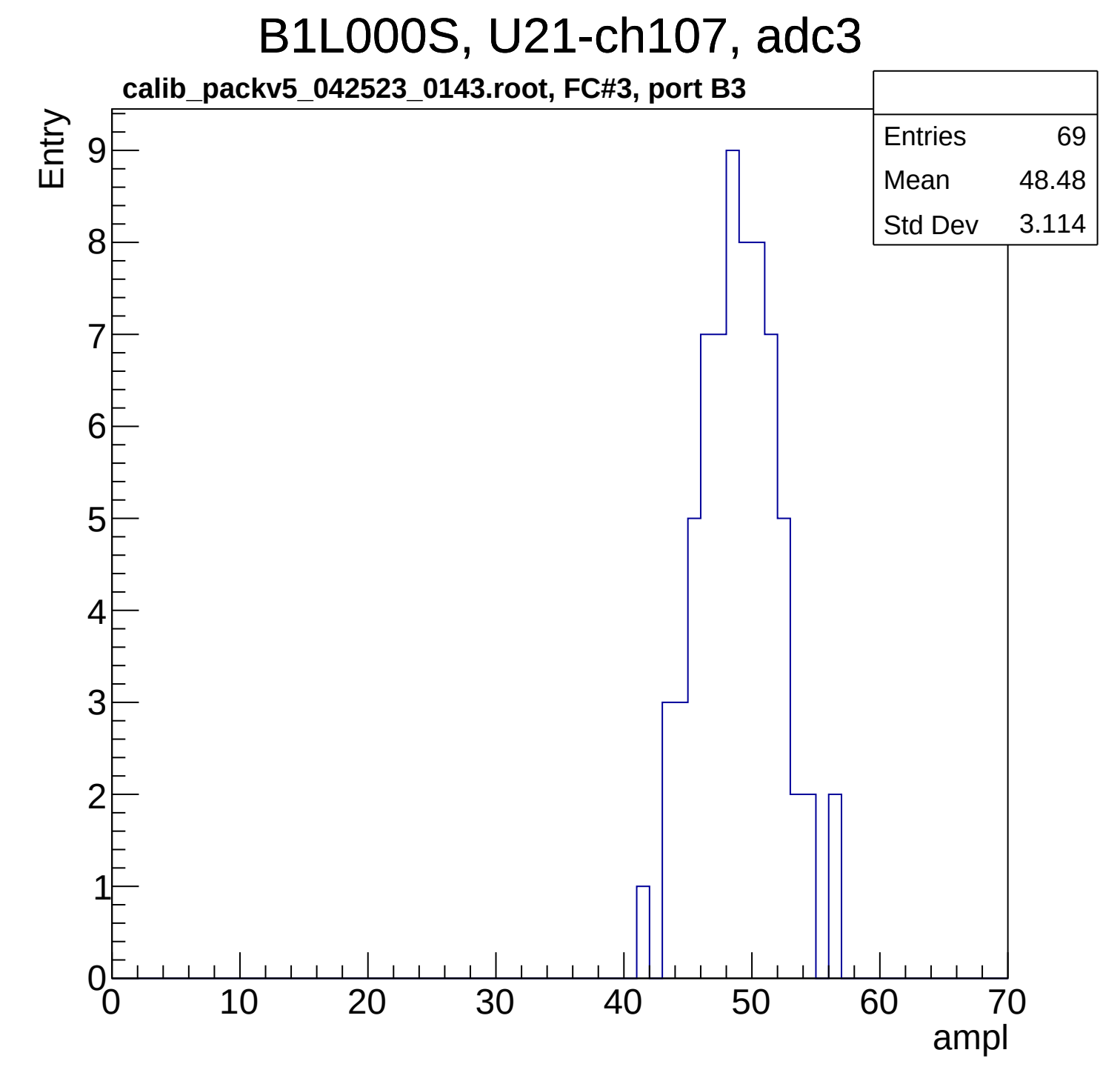

B1L000S, U21-ch106, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 21
Mean 58.57
Std Dev 13.19
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

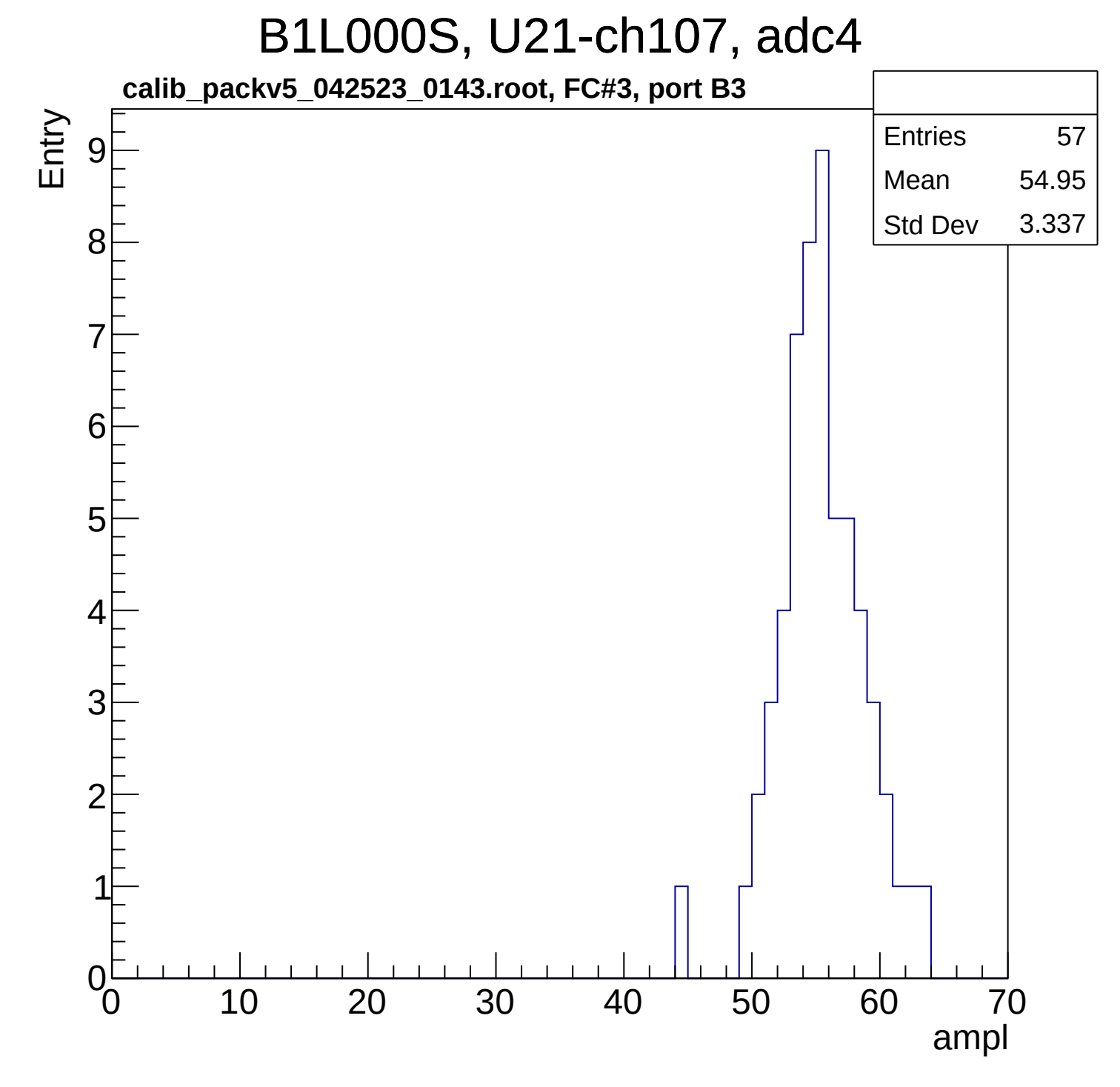

B1L000S, U21-ch106, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 46.75
Std Dev 26.99
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

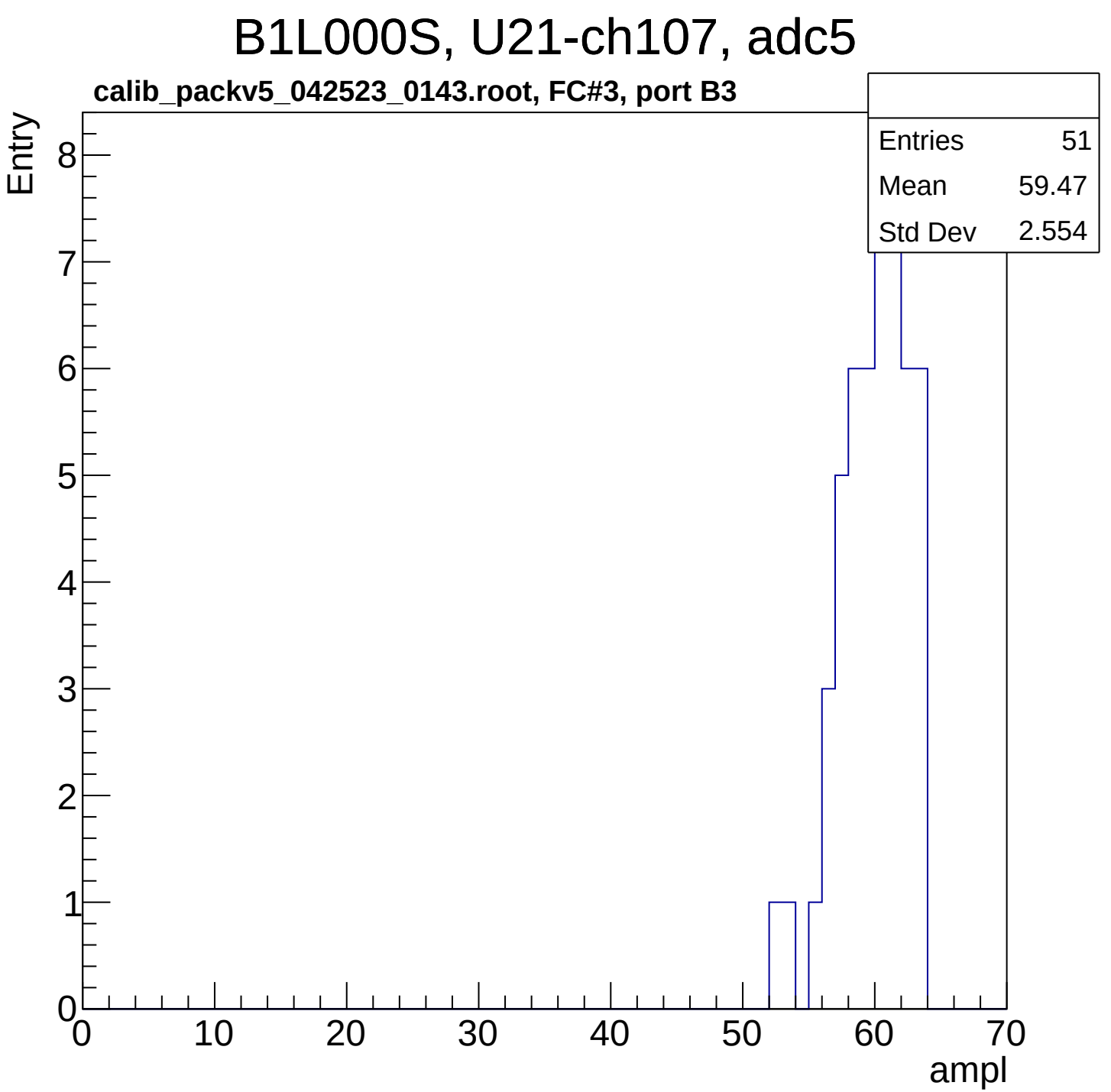

B1L000S, U21-ch107, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 27.98
Std Dev 3.181
Gaus mean : 28.3951
Gaus Width: 3.0318
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

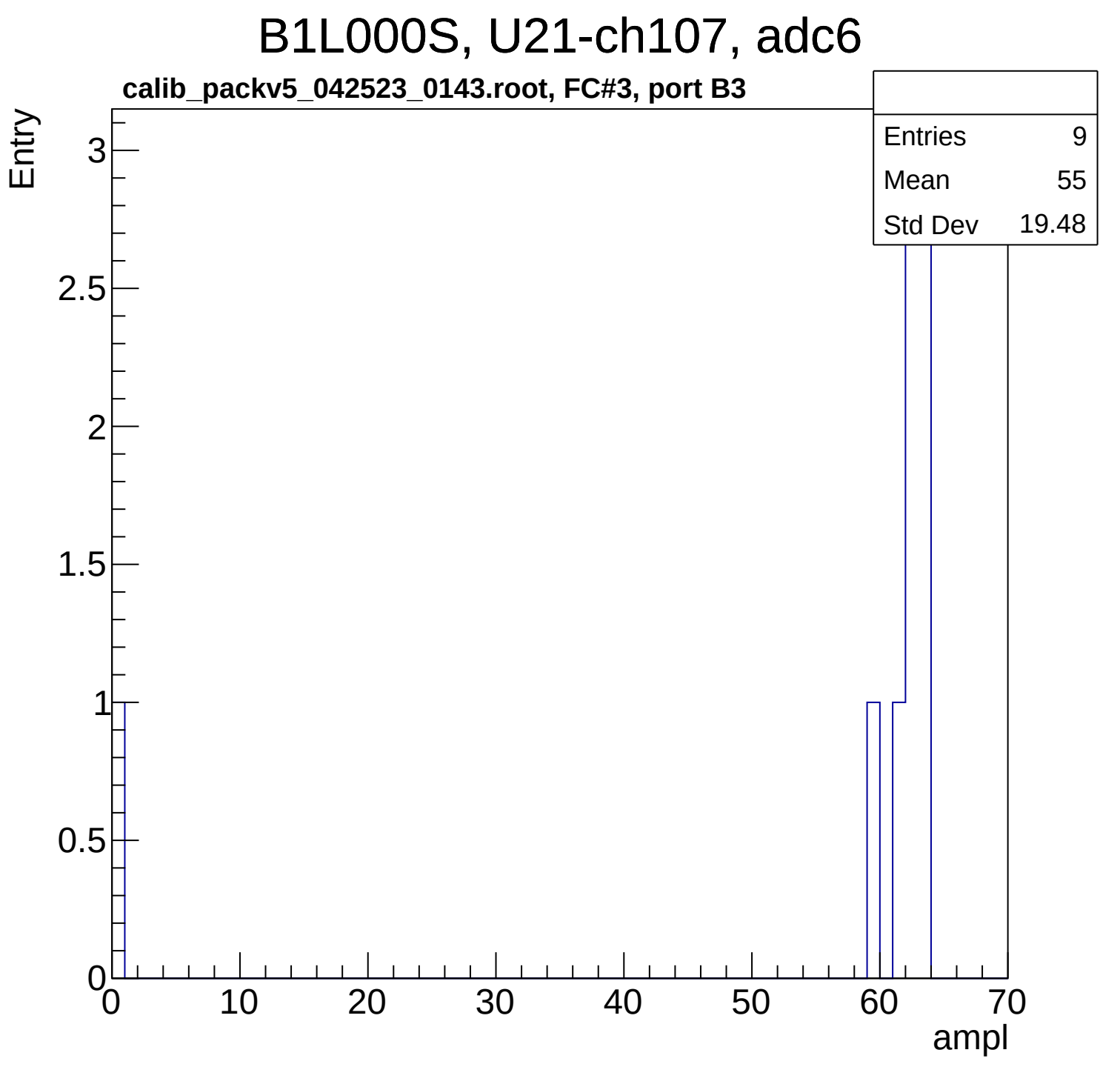

B1L000S, U21-ch107, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 34.66
Std Dev 3.214
Gaus mean : 35.1885
Gaus Width: 3.4036
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

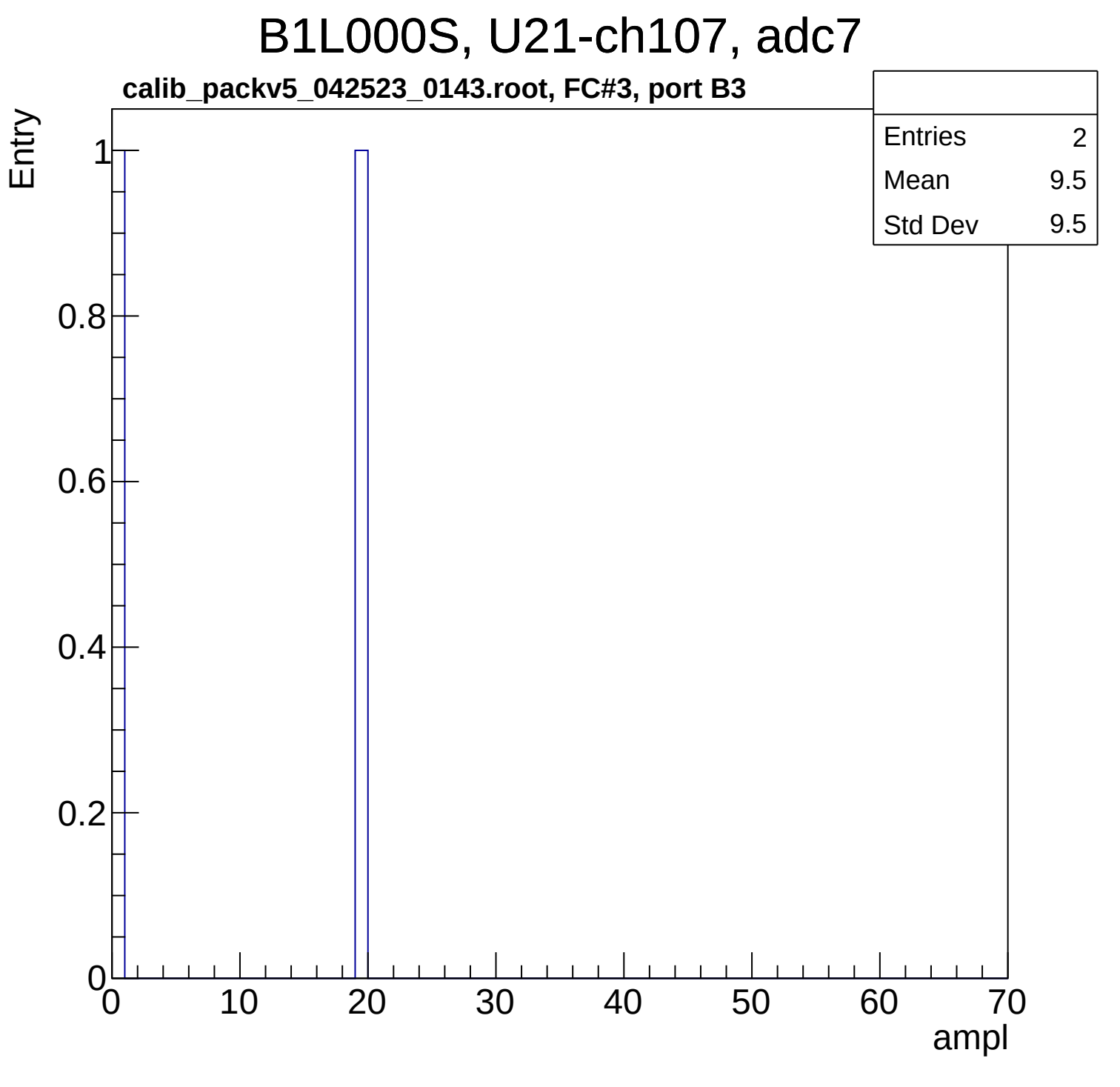

B1L000S, U21-ch107, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 41.88
Std Dev 3.09
Gaus mean : 42.5559
Gaus Width: 3.0067
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

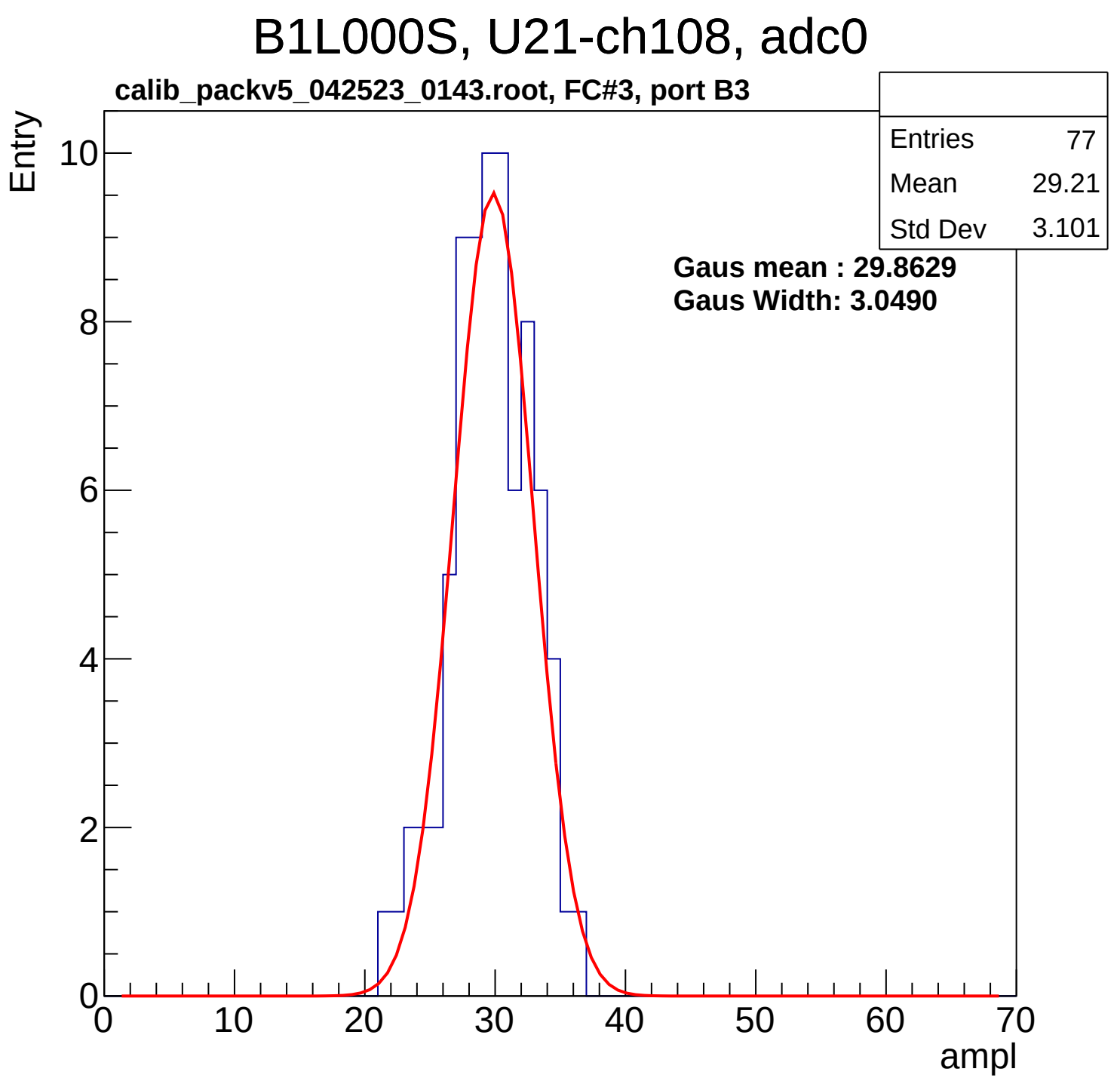

B1L000S, U21-ch107, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 48.48
Std Dev 3.114
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

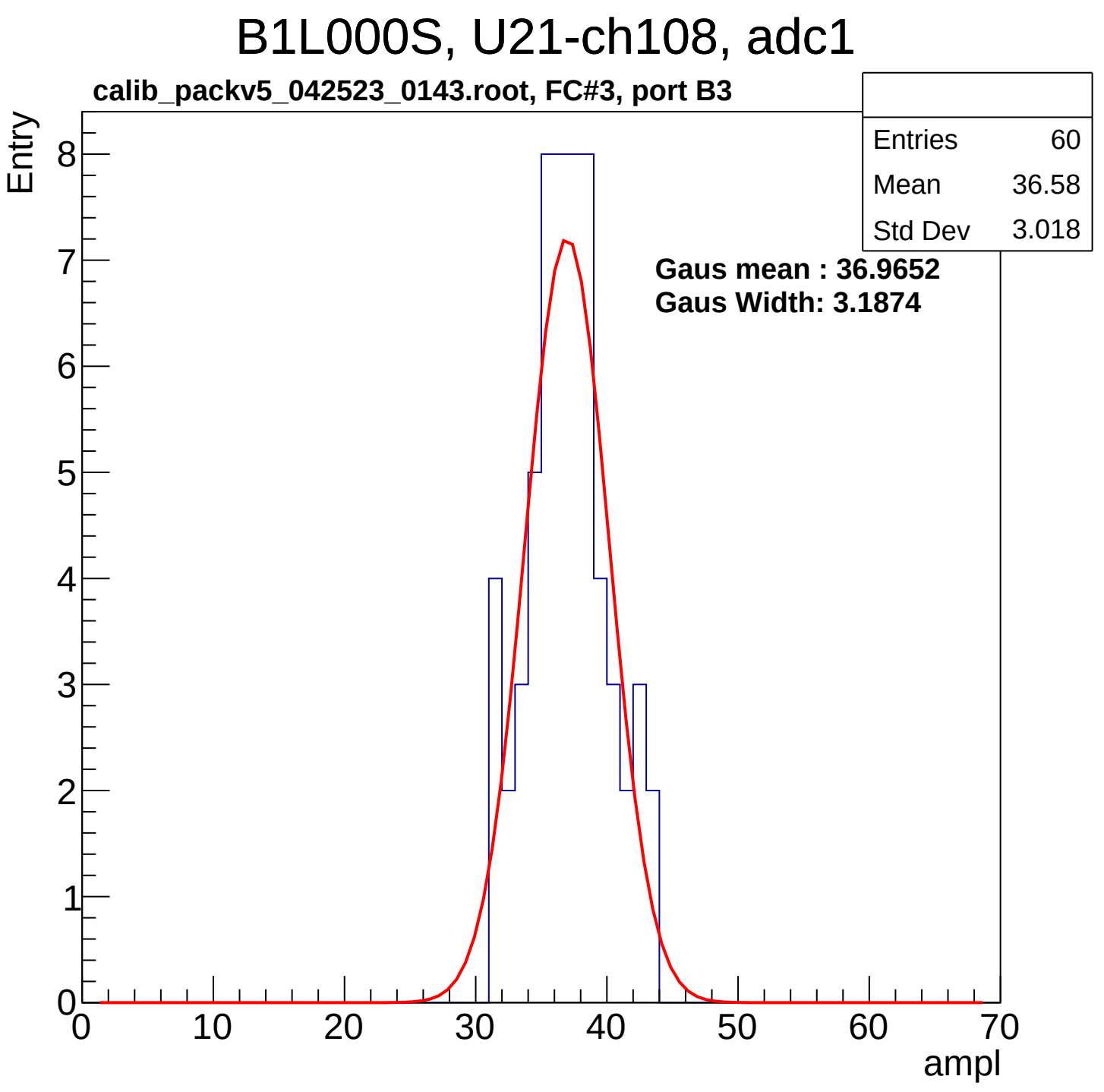

B1L000S, U21-ch107, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 54.95
Std Dev 3.337
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

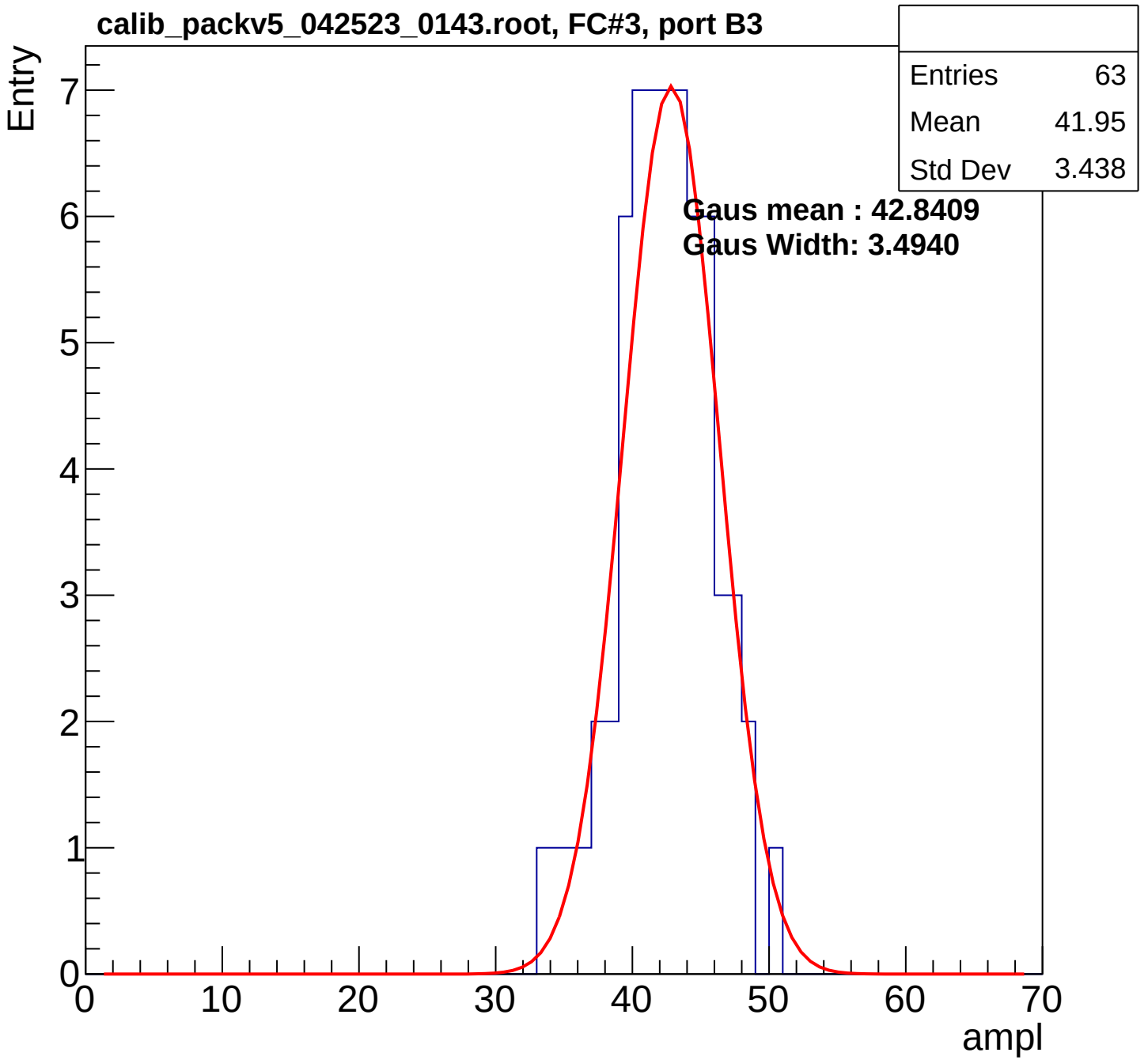

B1L000S, U21-ch107, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 59.47
Std Dev 2.554
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

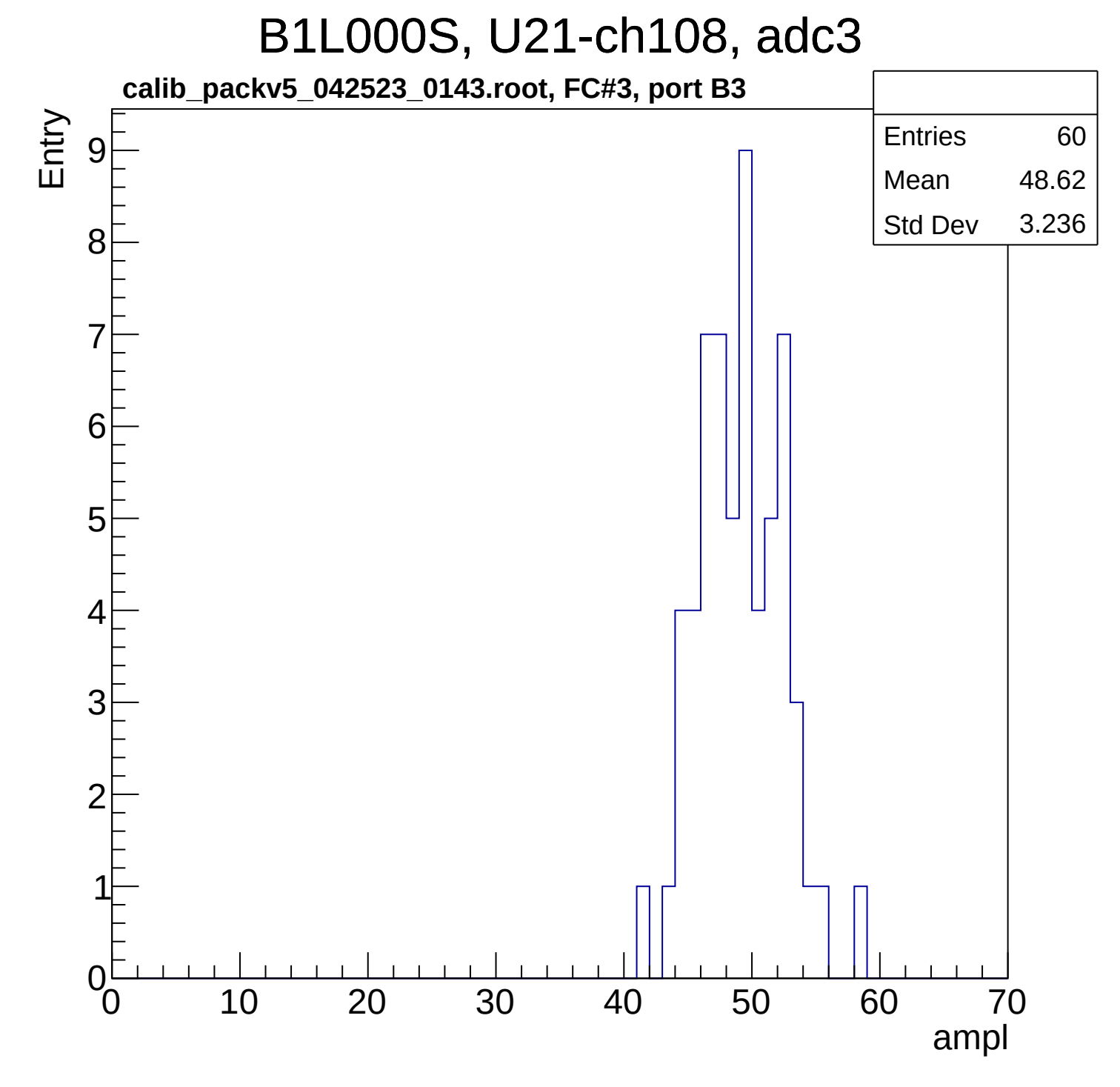

B1L000S, U21-ch107, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 55
Std Dev 19.48
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

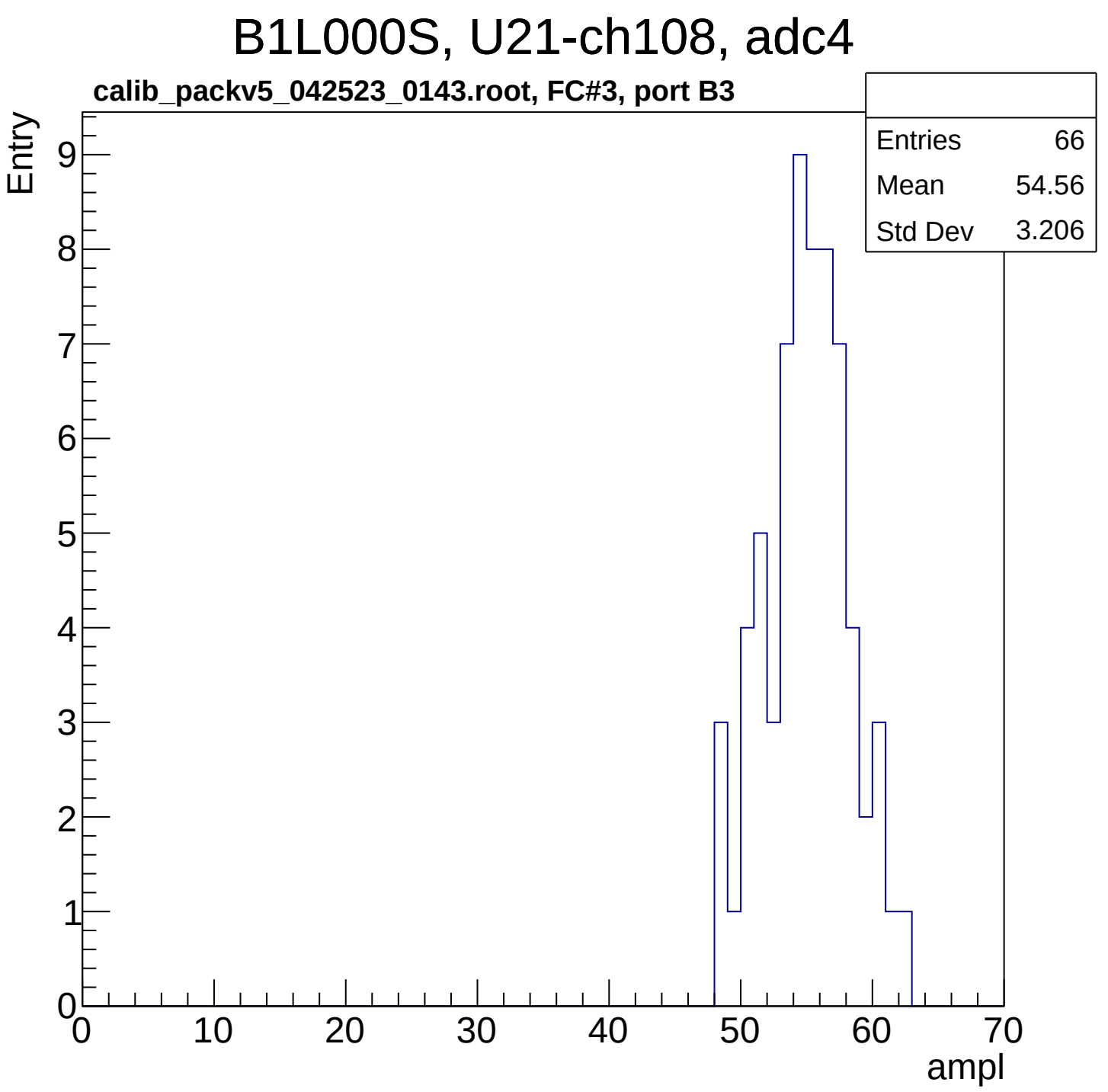

B1L000S, U21-ch107, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 9.5
Std Dev 9.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70

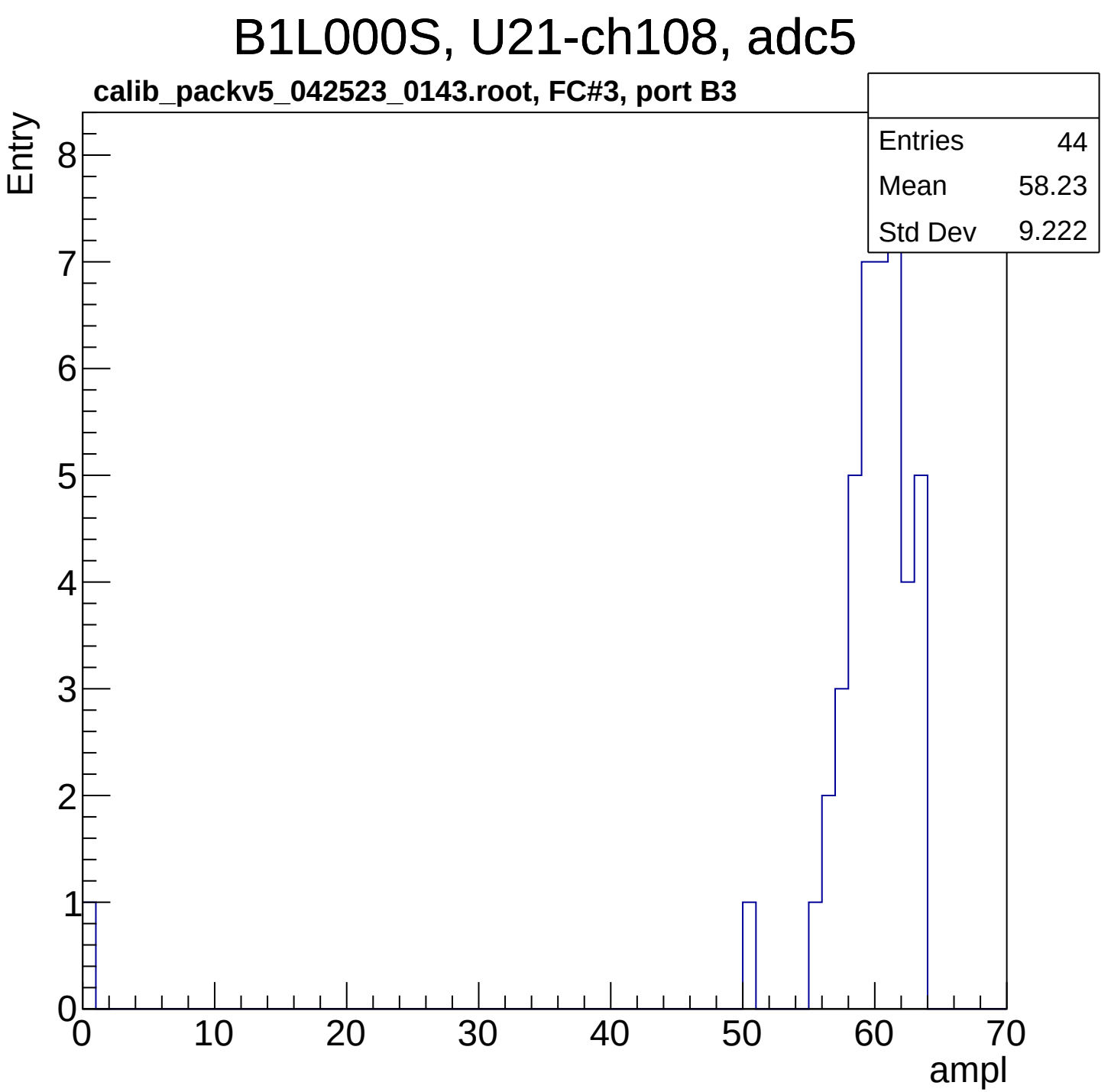

B1L000S, U21-ch108, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 29.21
Std Dev 3.101
Gaus mean : 29.8629
Gaus Width: 3.0490
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

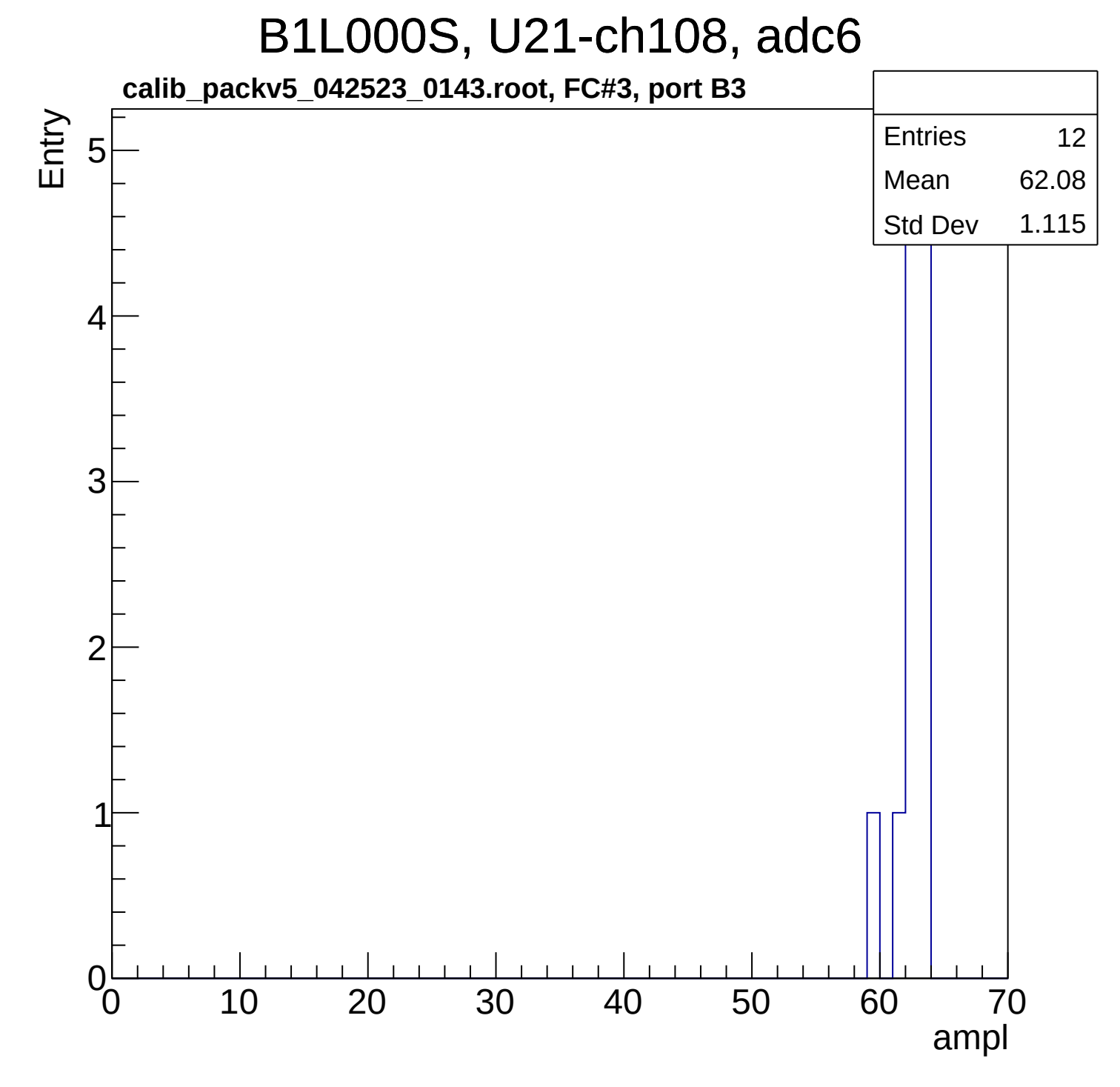

B1L000S, U21-ch108, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 36.58
Std Dev 3.018
Gaus mean : 36.9652
Gaus Width: 3.1874
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

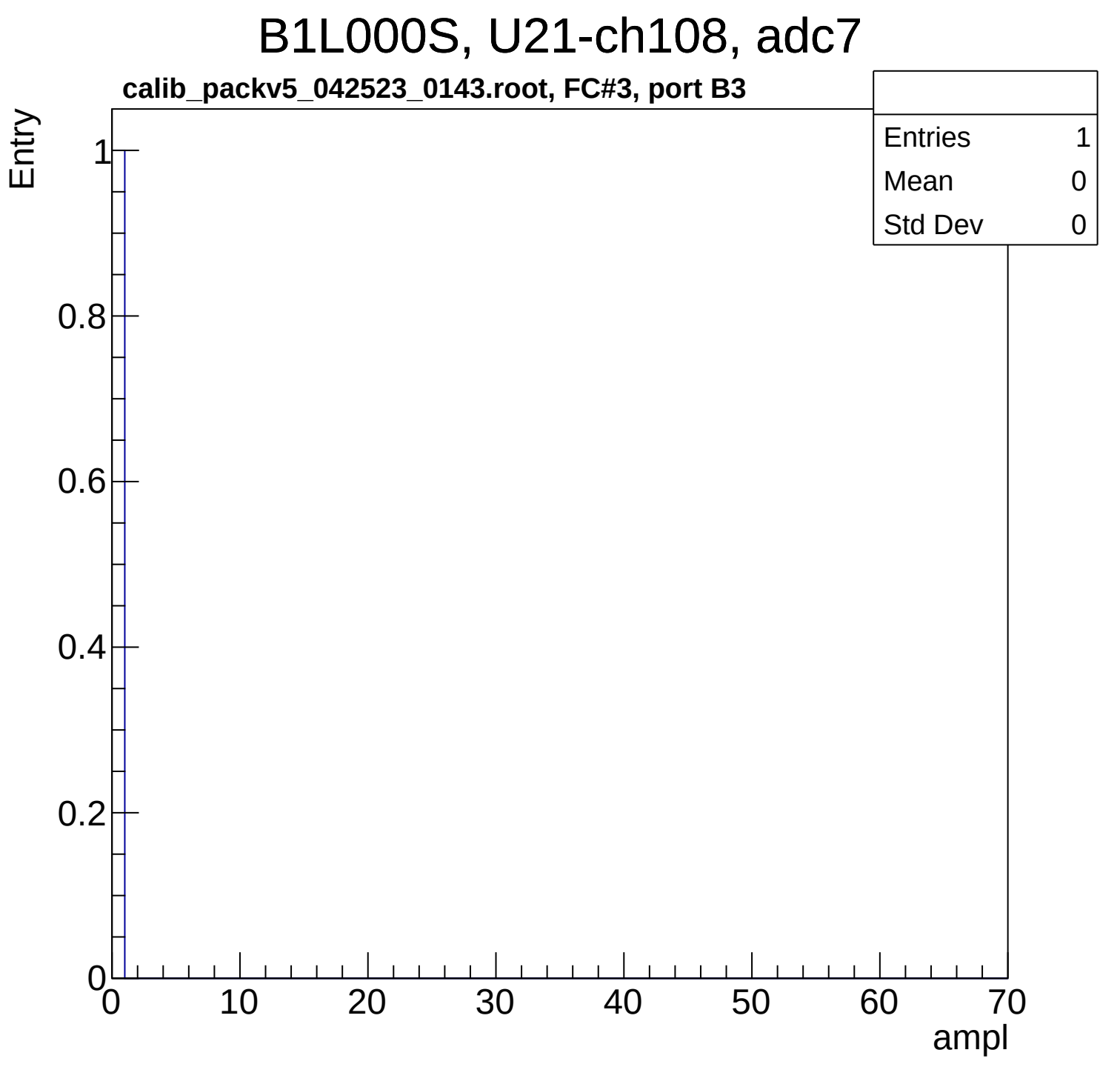

B1L000S, U21-ch108, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 41.95
Std Dev 3.438
Gaus mean : 42.8409
Gaus Width: 3.4940
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

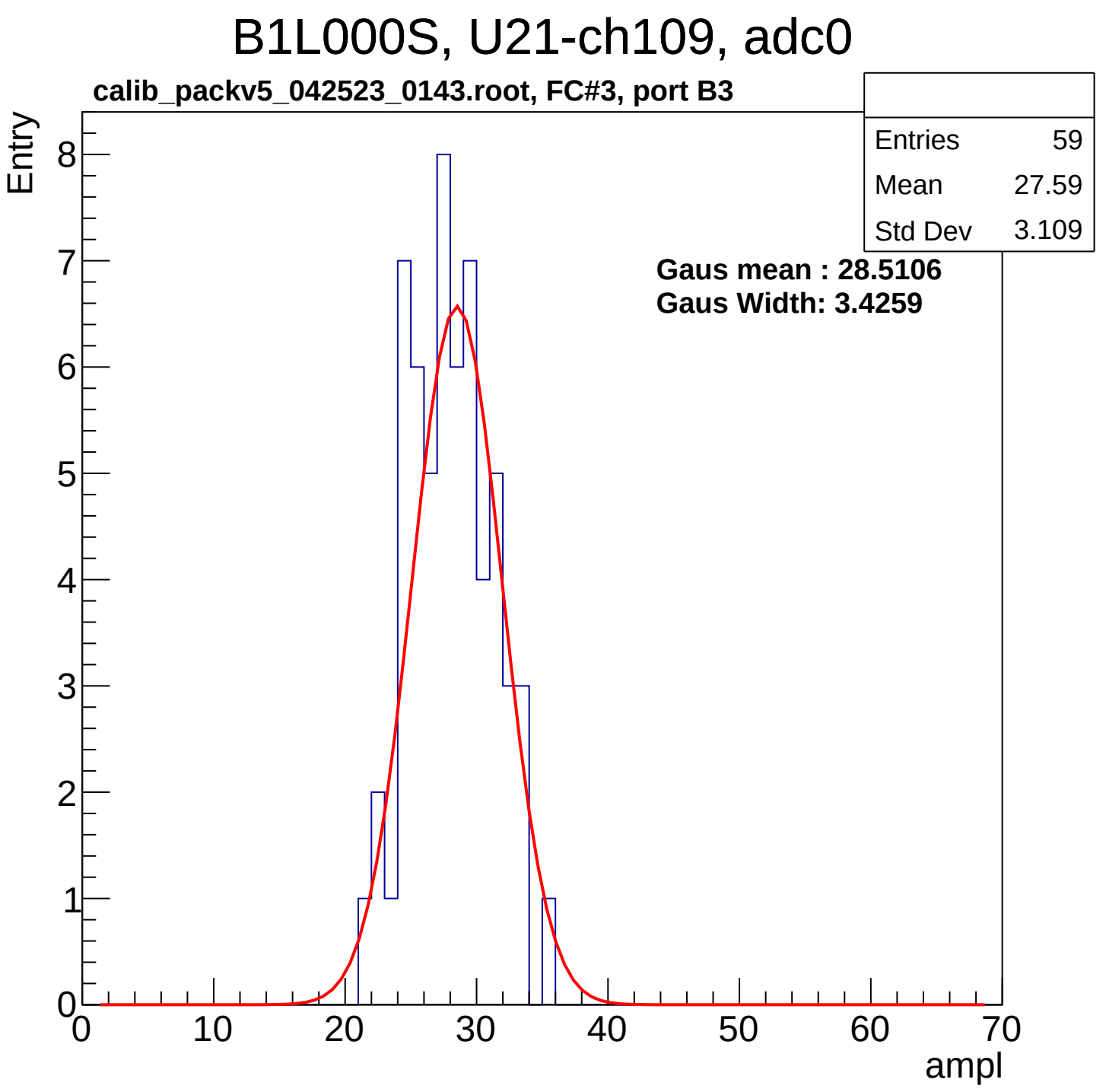

B1L000S, U21-ch108, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 48.62
Std Dev 3.236
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

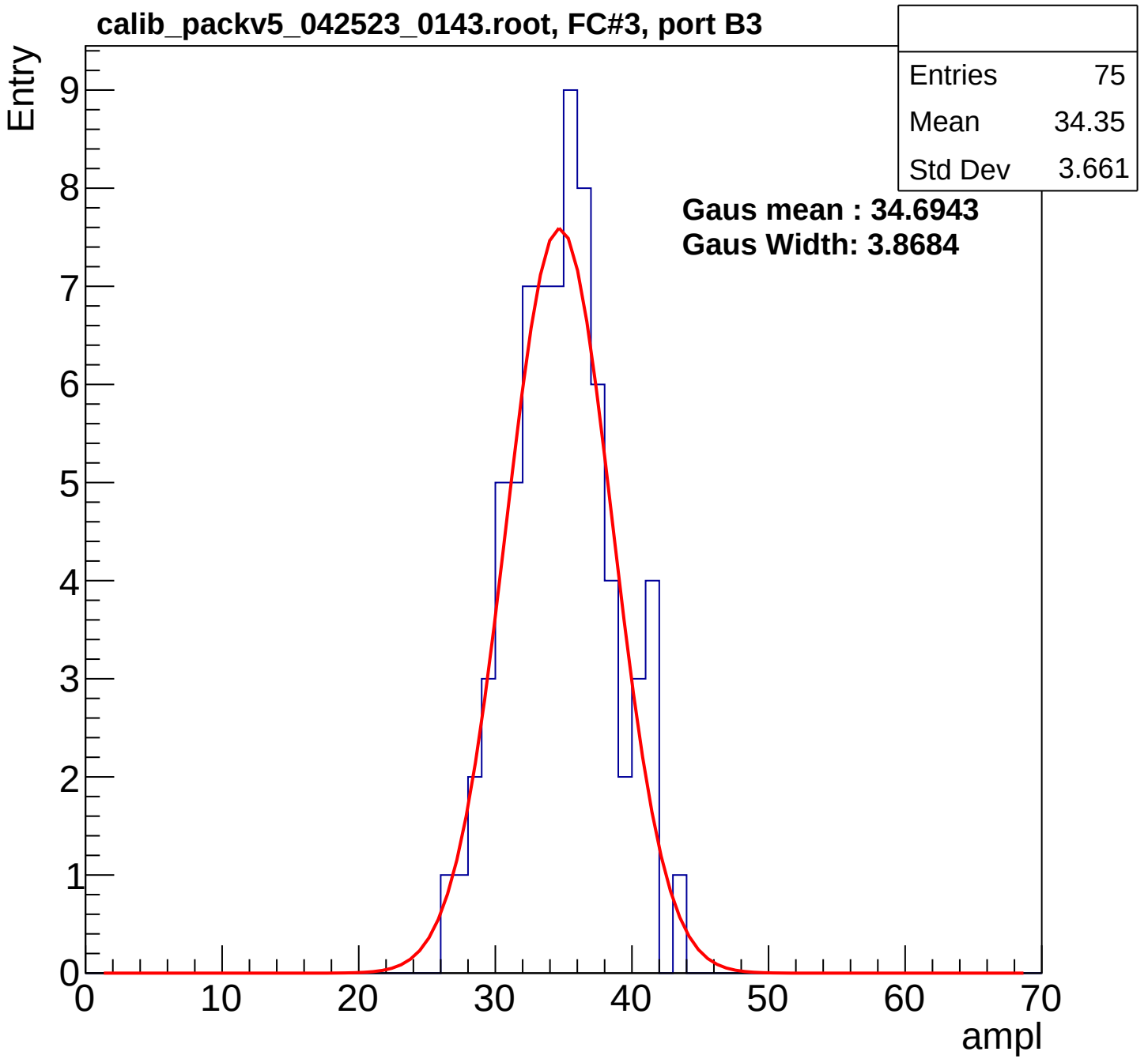

B1L000S, U21-ch108, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 54.56
Std Dev 3.206
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

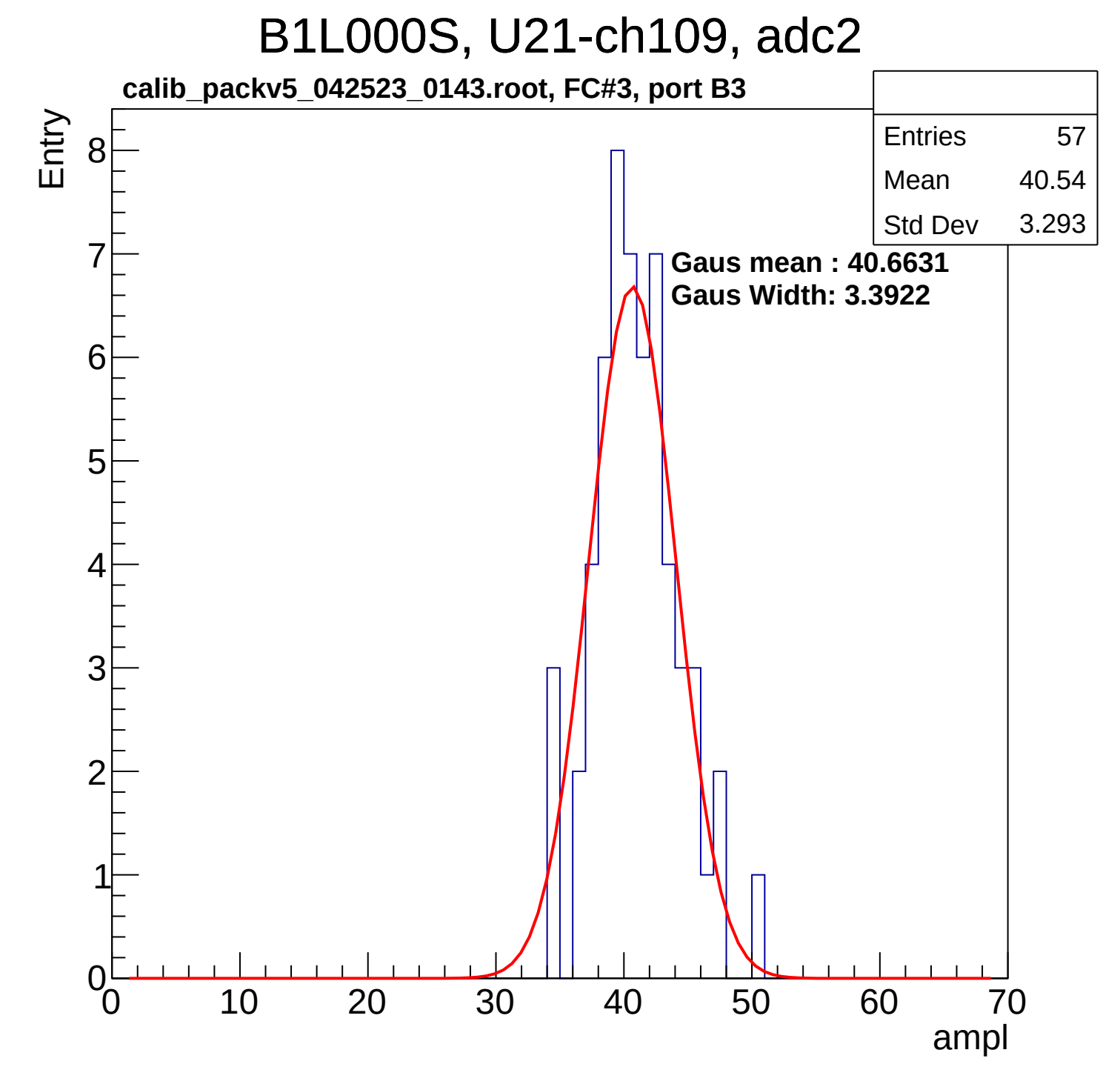

B1L000S, U21-ch108, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 58.23
Std Dev 9.222
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

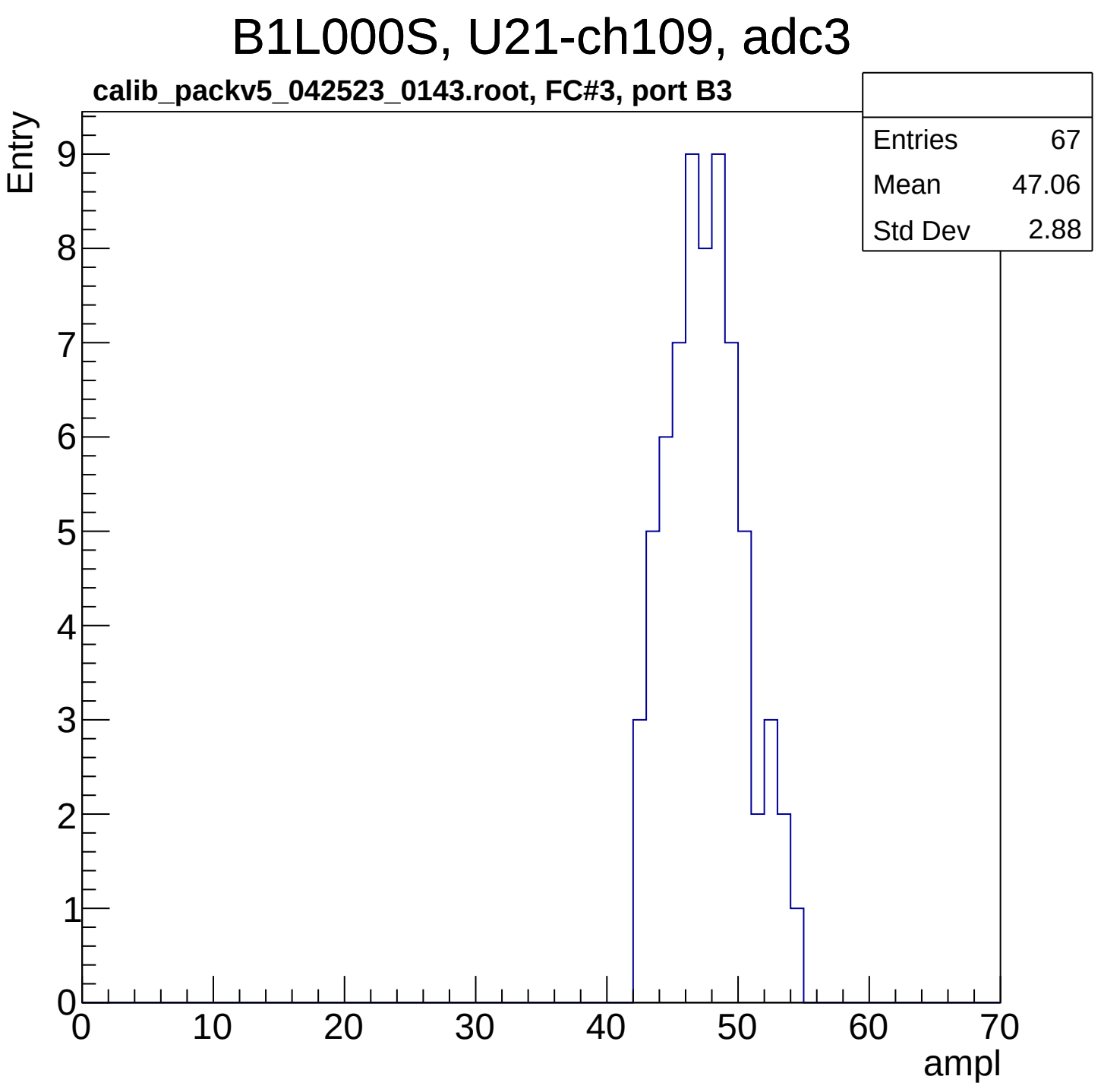

B1L000S, U21-ch108, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 62.08
Std Dev 1.115
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70

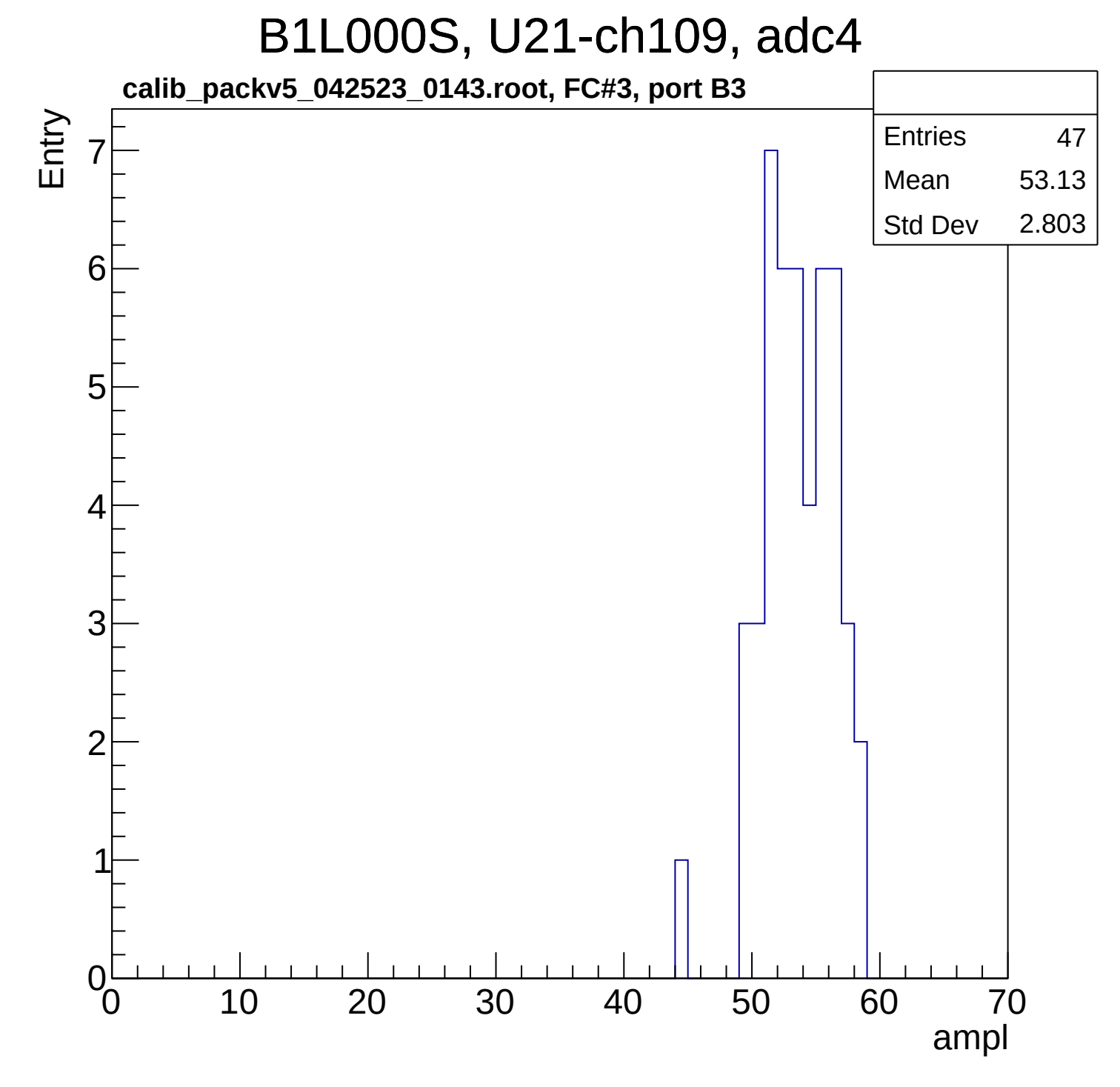

B1L000S, U21-ch108, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

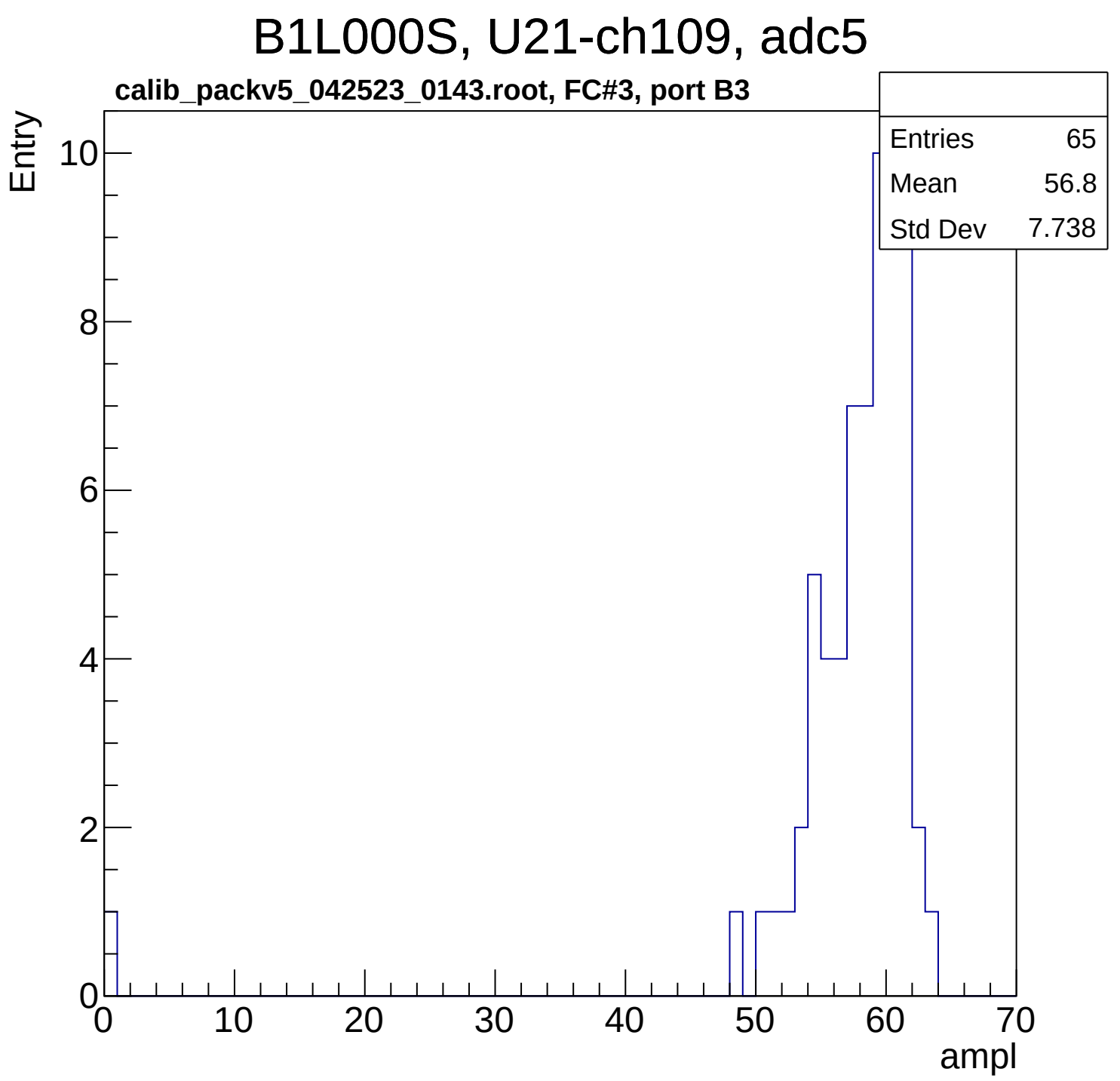

B1L000S, U21-ch109, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 27.59
Std Dev 3.109
Gaus mean : 28.5106
Gaus Width: 3.4259
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

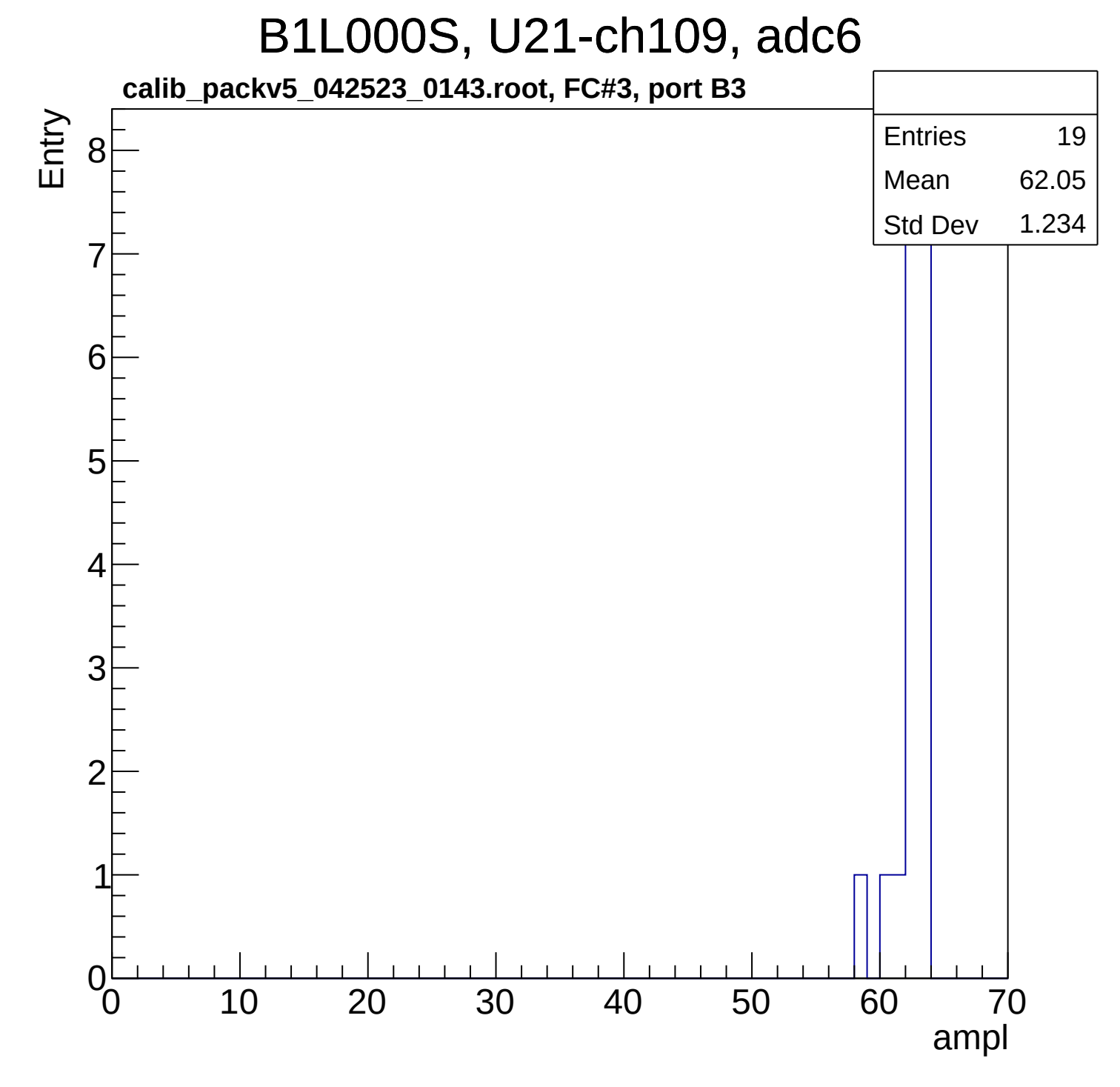

B1L000S, U21-ch109, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 34.35
Std Dev 3.661
Gaus mean : 34.6943
Gaus Width: 3.8684
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

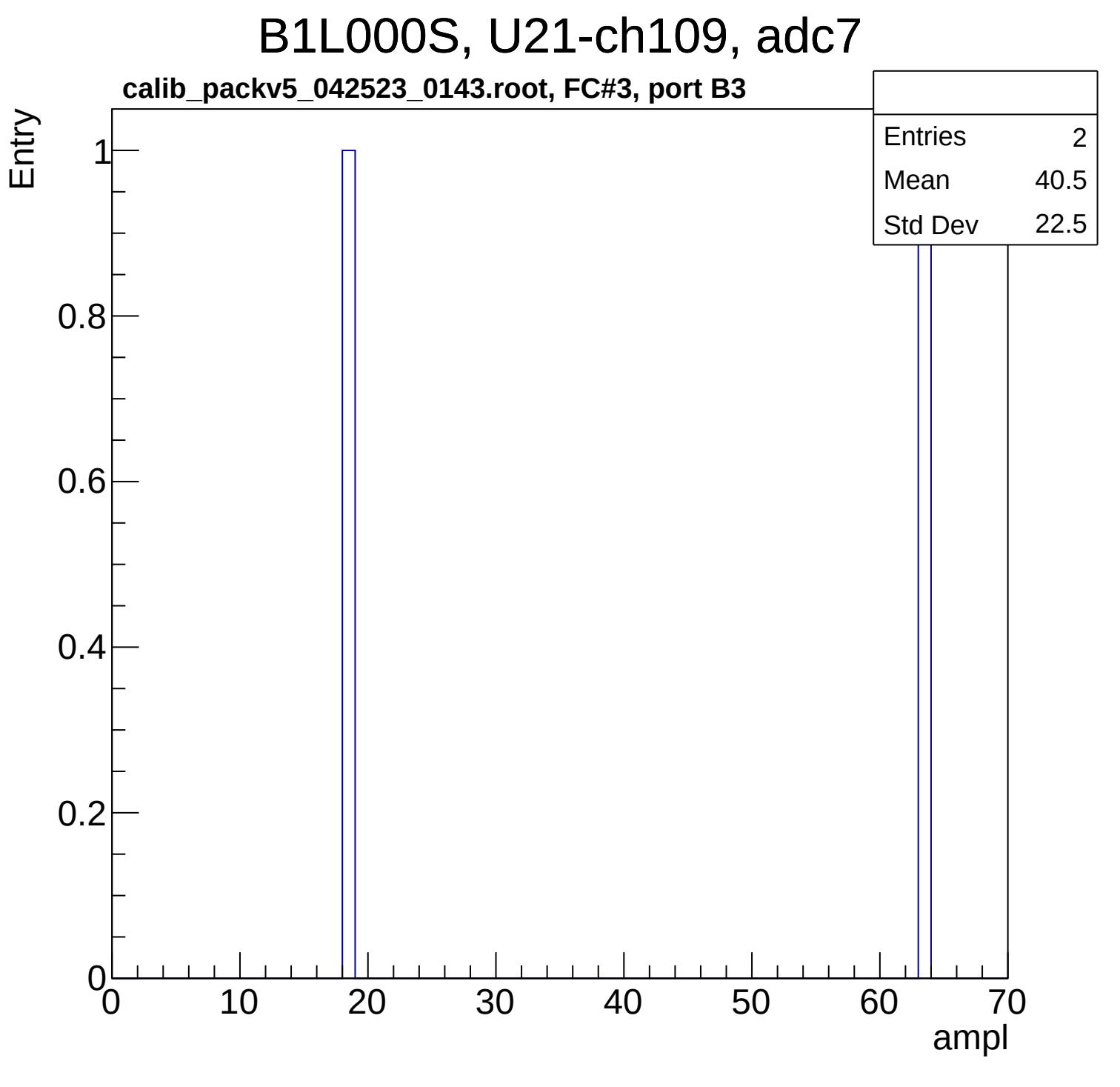

B1L000S, U21-ch109, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 40.54
Std Dev 3.293
Gaus mean : 40.6631
Gaus Width: 3.3922
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

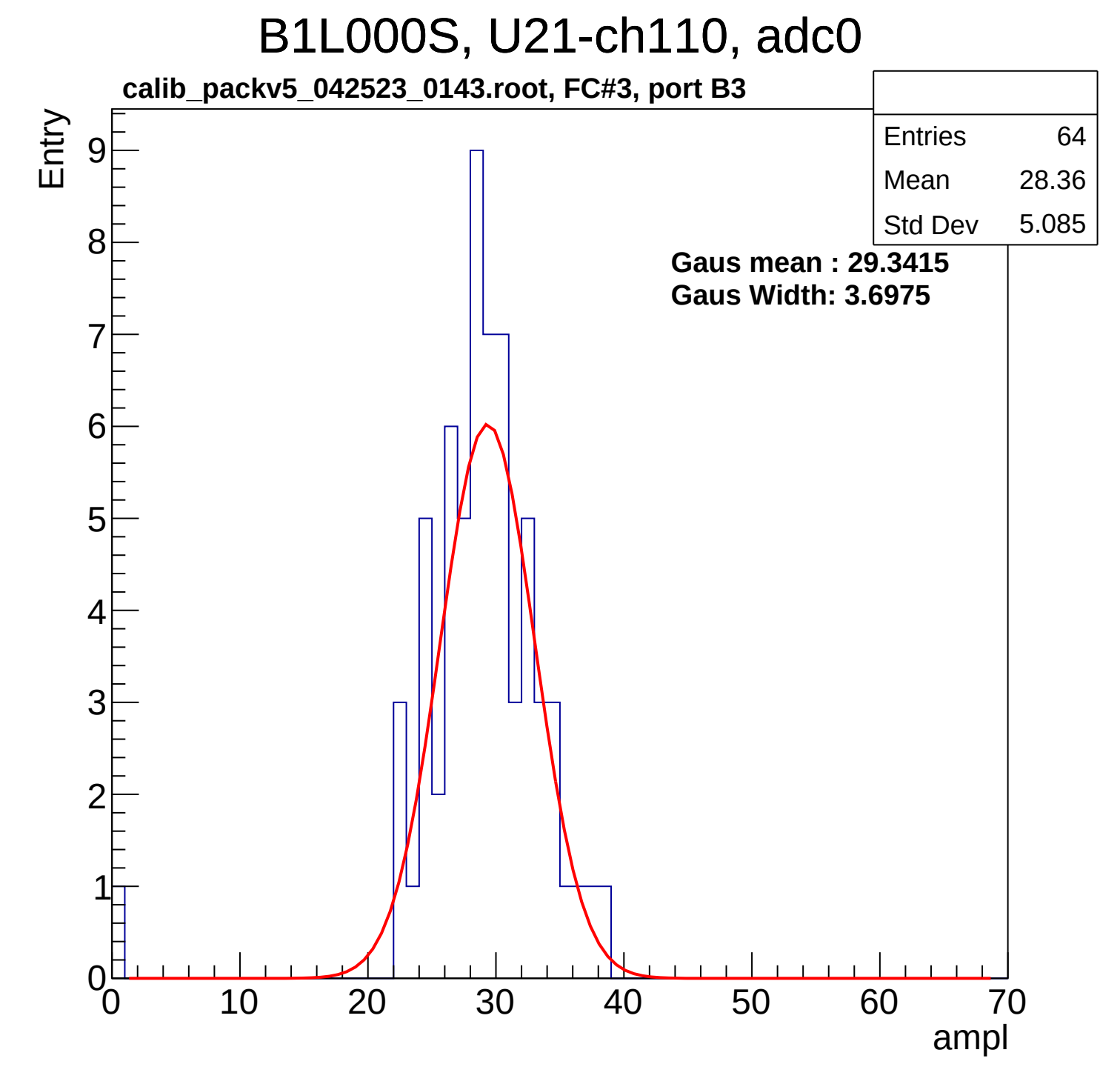

B1L000S, U21-ch109, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 47.06
Std Dev 2.88
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

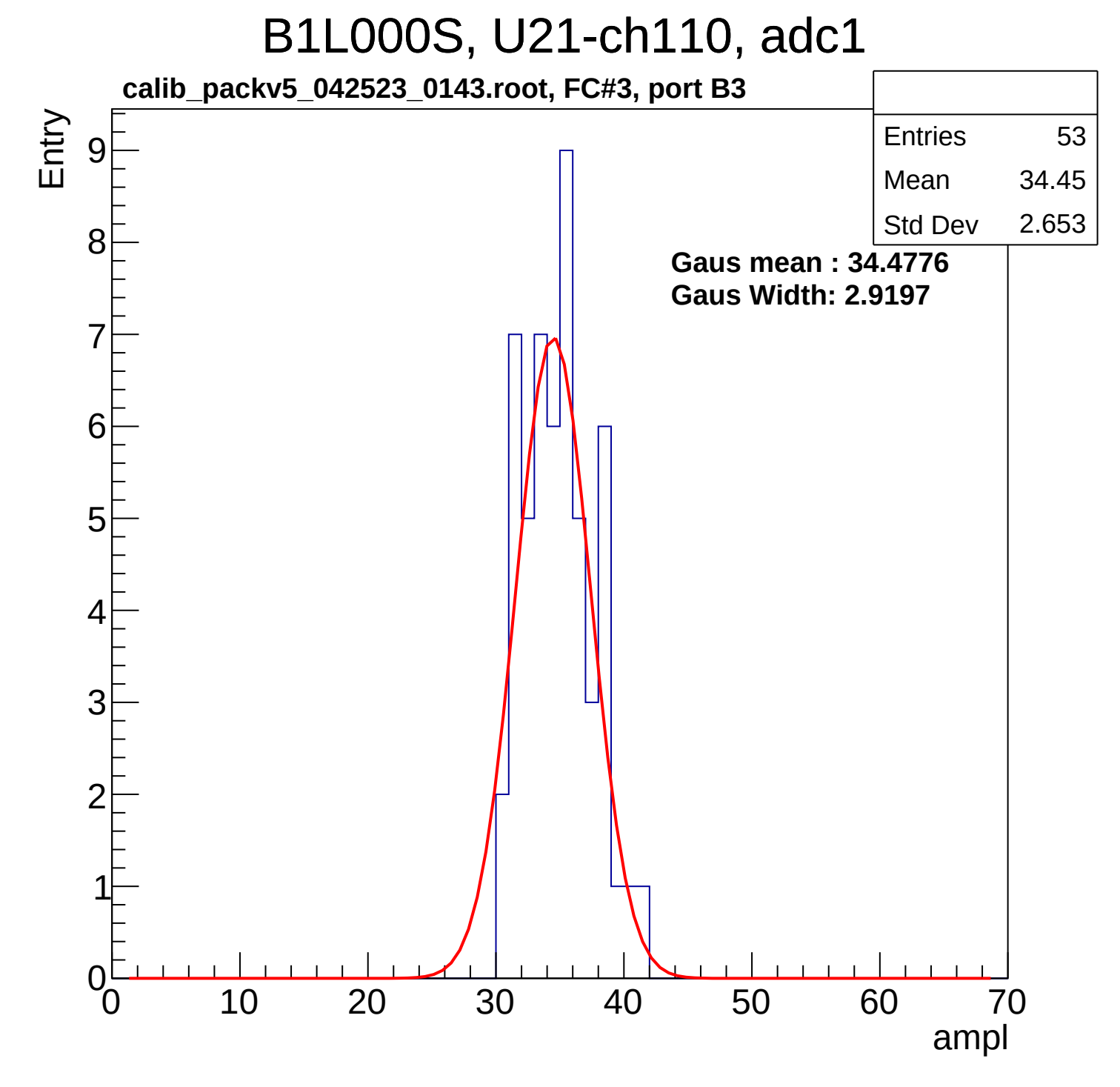

B1L000S, U21-ch109, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 53.13
Std Dev 2.803
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

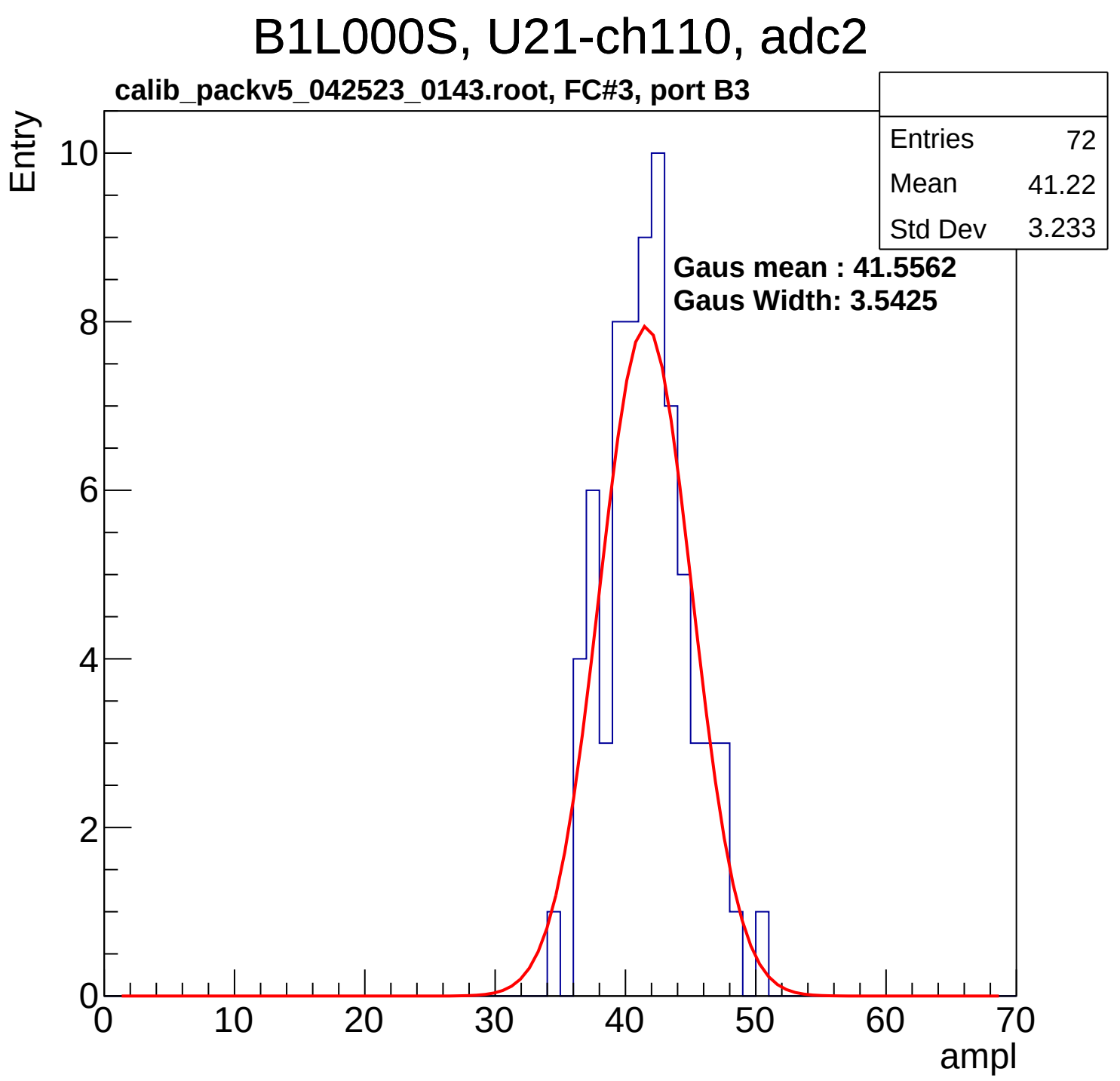

B1L000S, U21-ch109, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 56.8
Std Dev 7.738
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

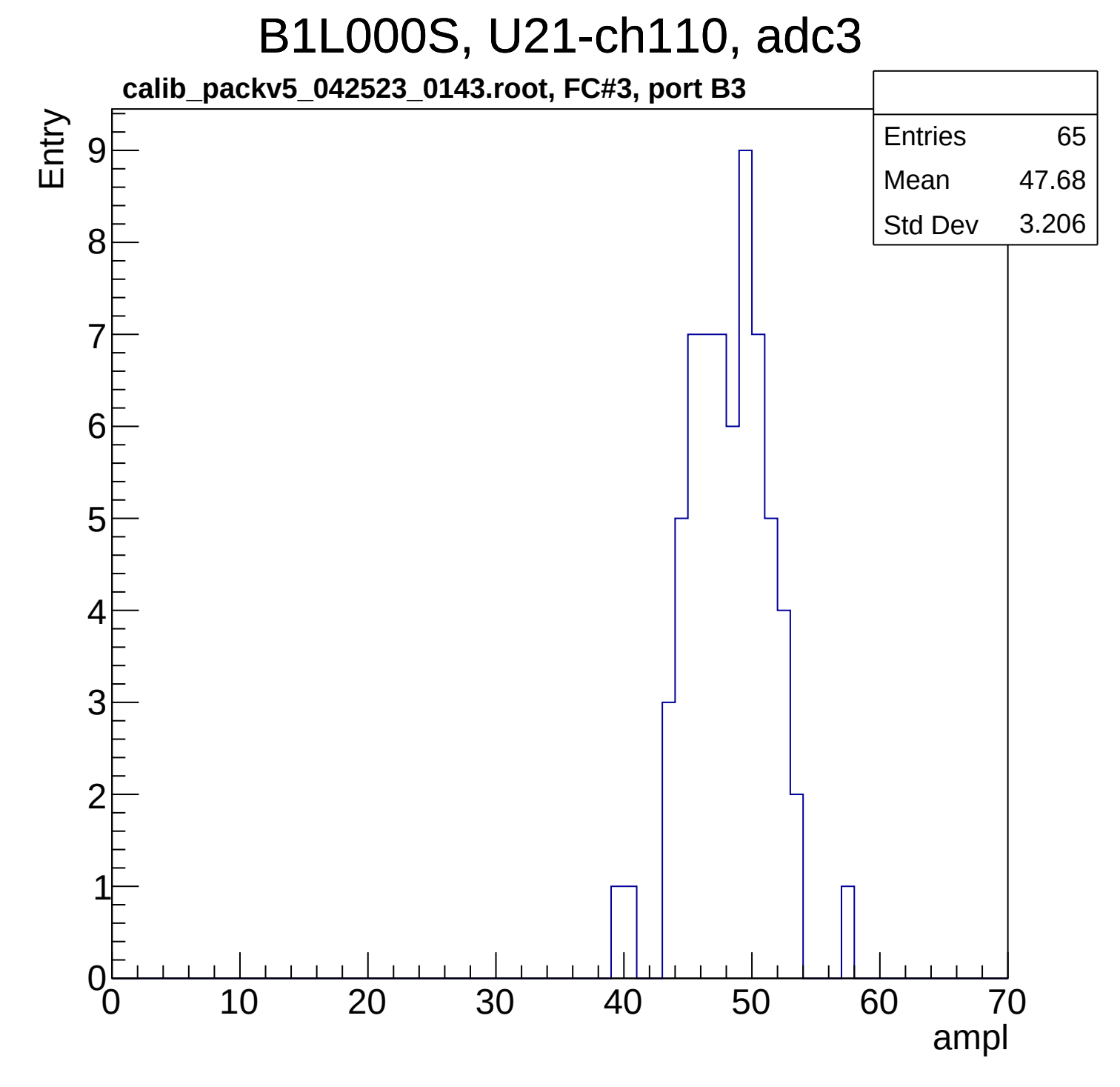

B1L000S, U21-ch109, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 19
Mean 62.05
Std Dev 1.234
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

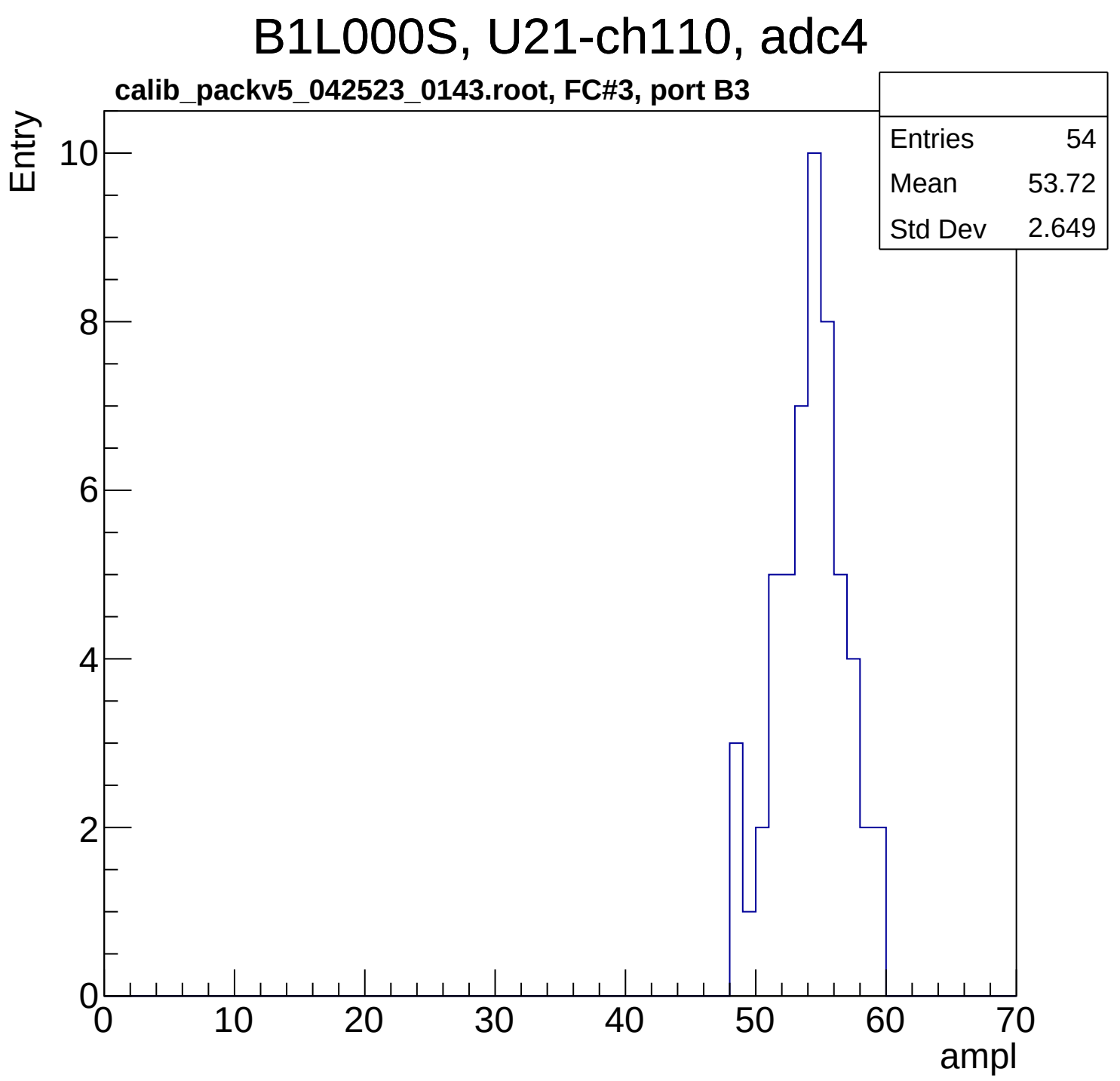

B1L000S, U21-ch109, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 40.5
Std Dev 22.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70

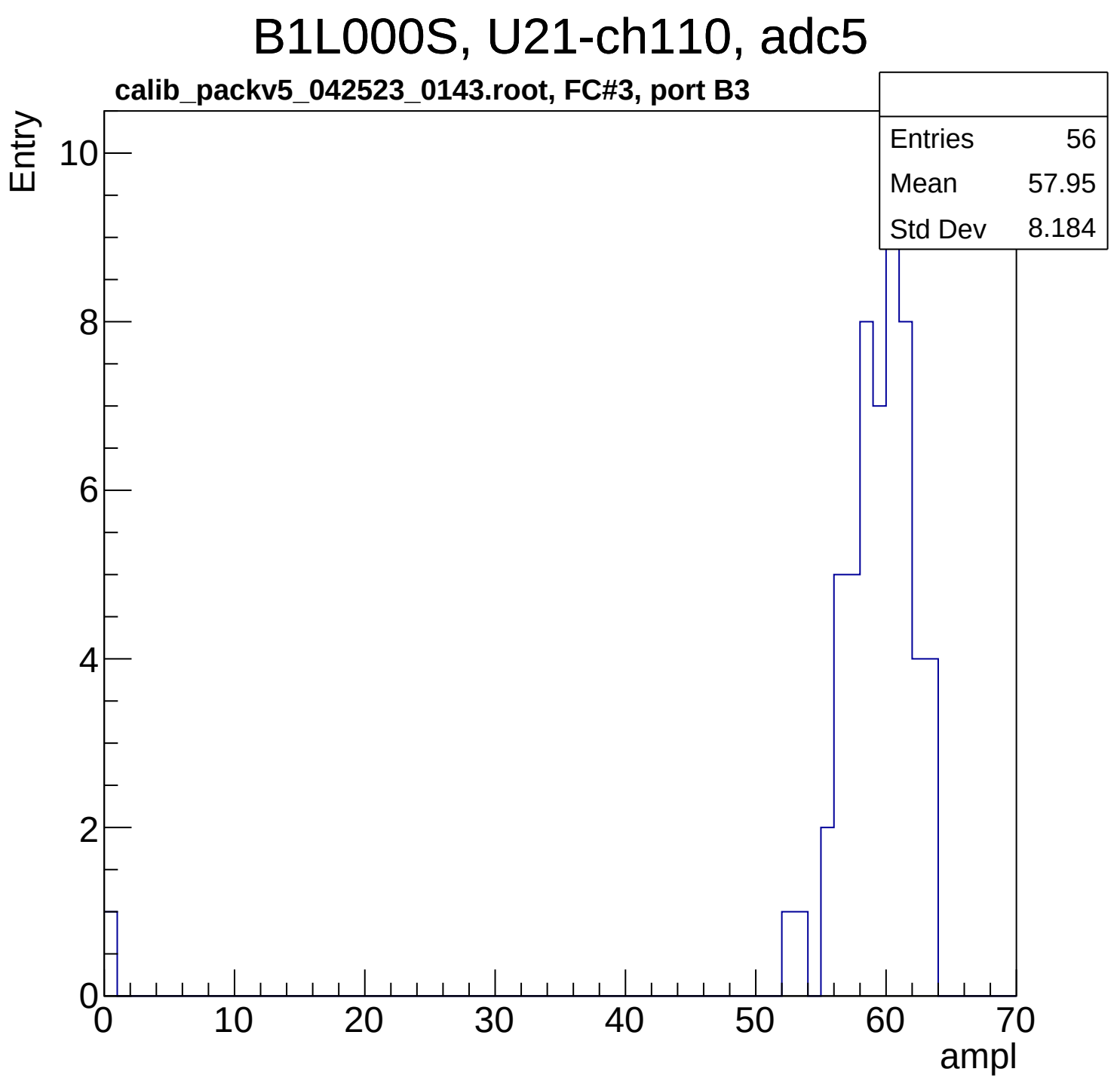

B1L000S, U21-ch110, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 28.36
Std Dev 5.085
Gaus mean : 29.3415
Gaus Width: 3.6975
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

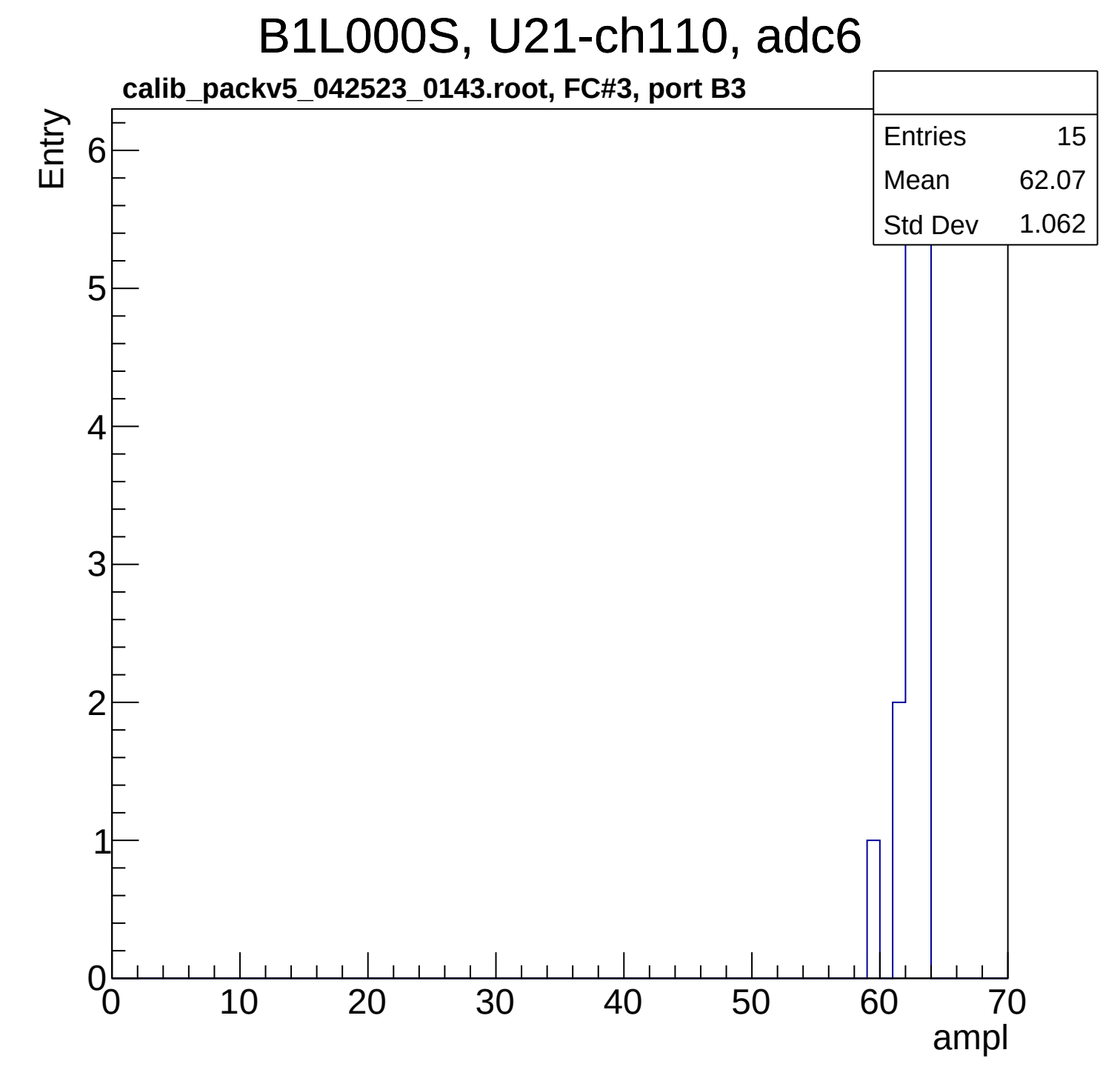

B1L000S, U21-ch110, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 34.45
Std Dev 2.653
Gaus mean : 34.4776
Gaus Width: 2.9197
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

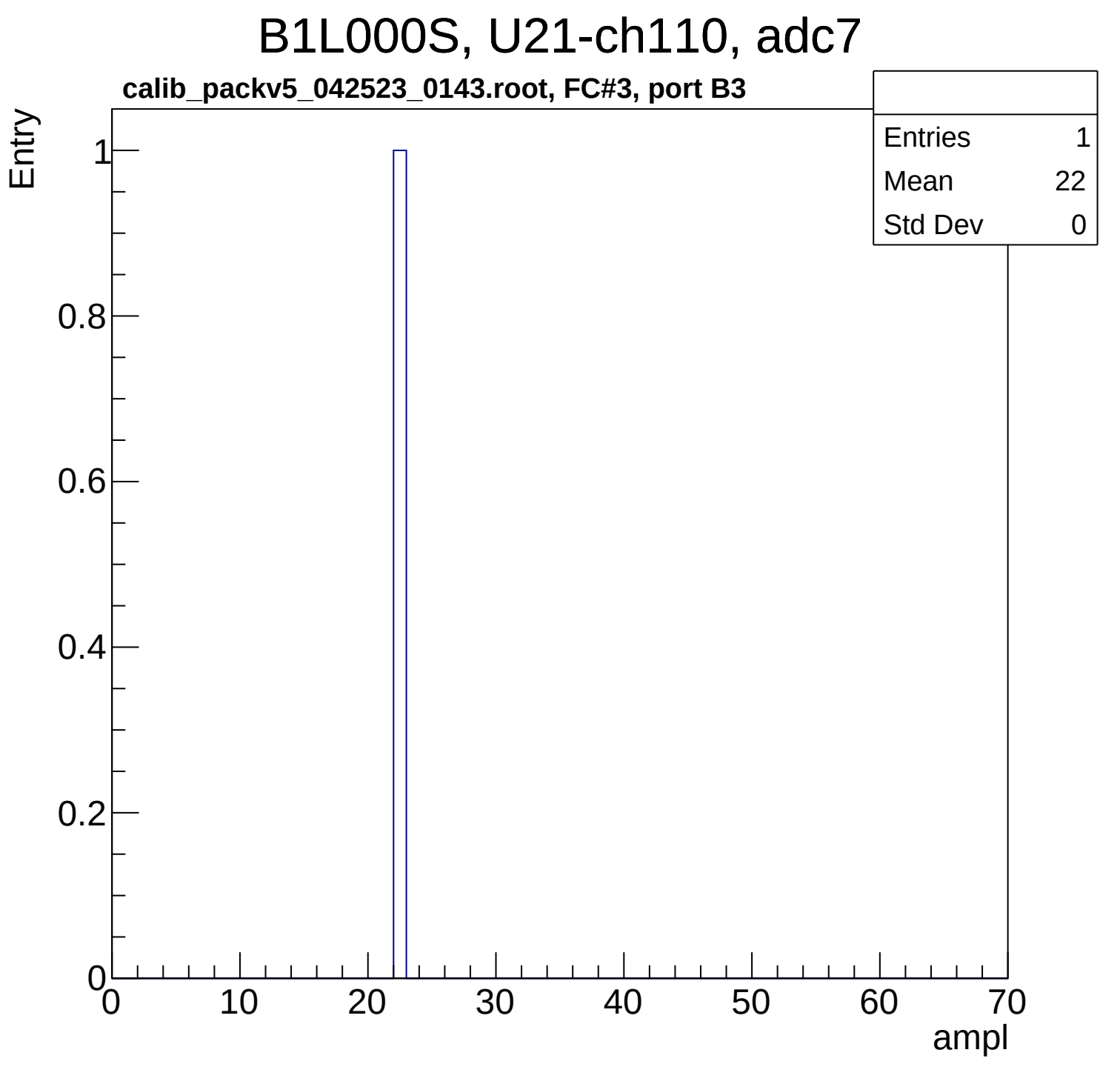

B1L000S, U21-ch110, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 41.22
Std Dev 3.233
Gaus mean : 41.5562
Gaus Width: 3.5425
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

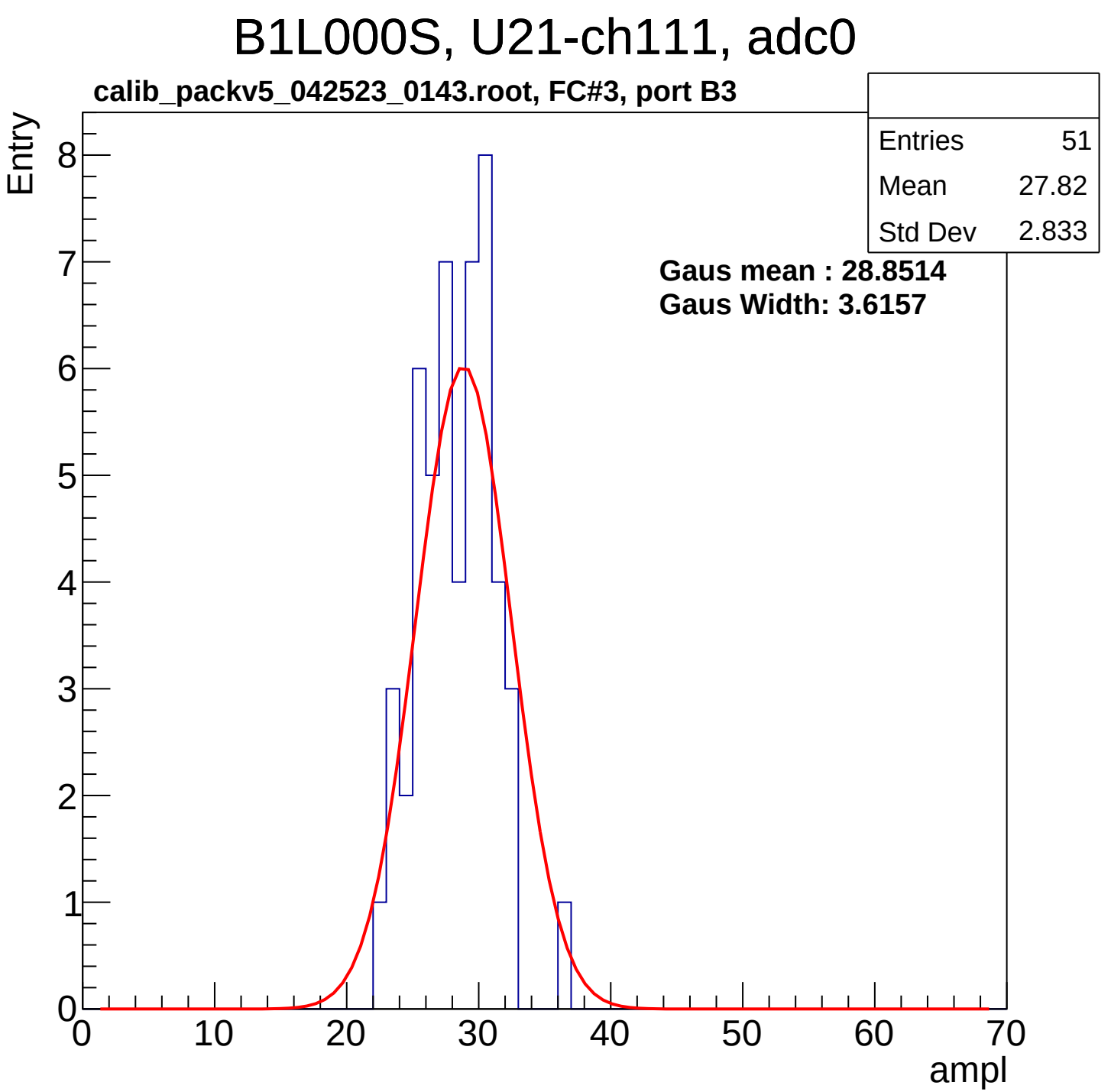

B1L000S, U21-ch110, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 47.68
Std Dev 3.206
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

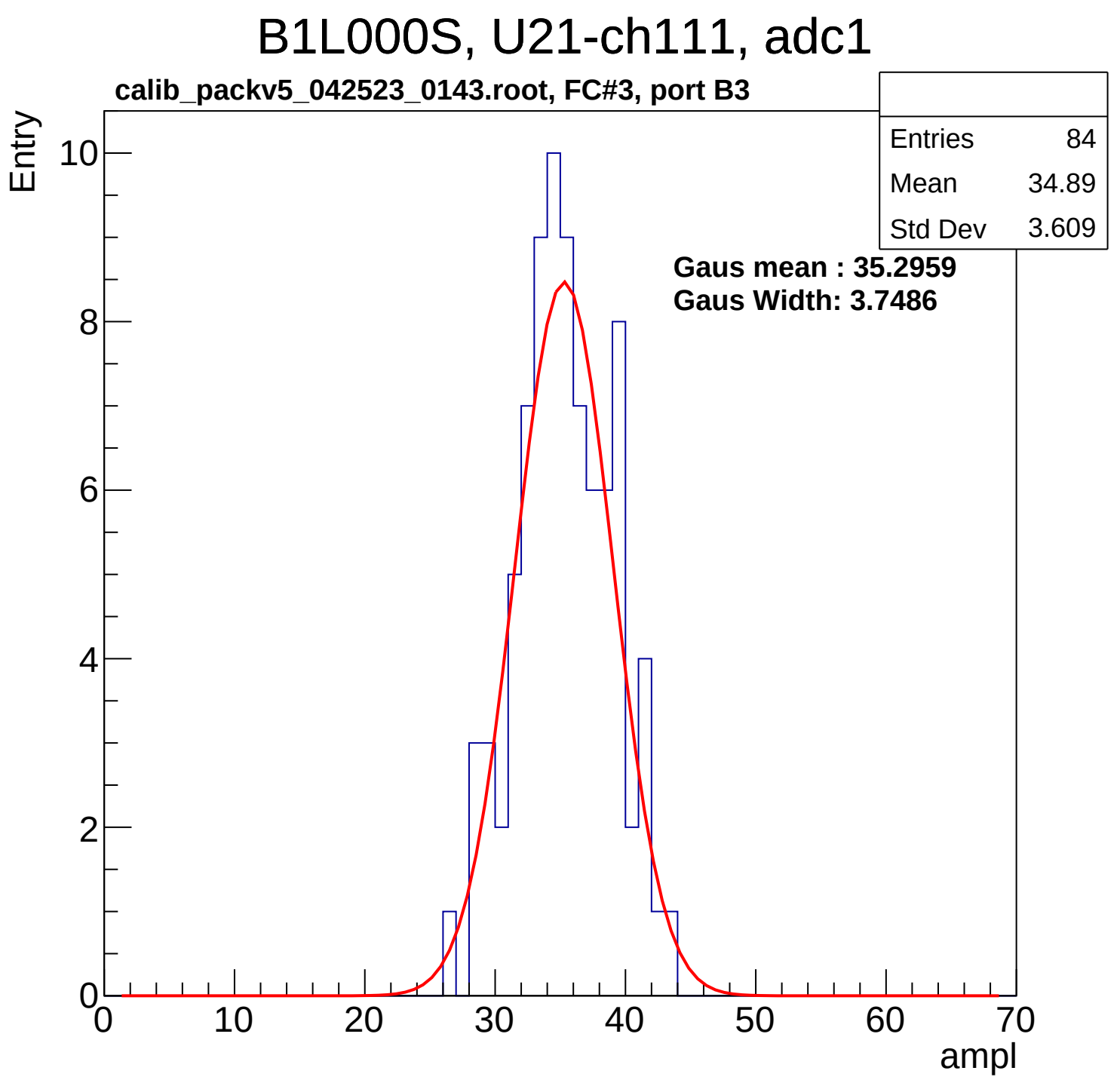

B1L000S, U21-ch110, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 53.72
Std Dev 2.649
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

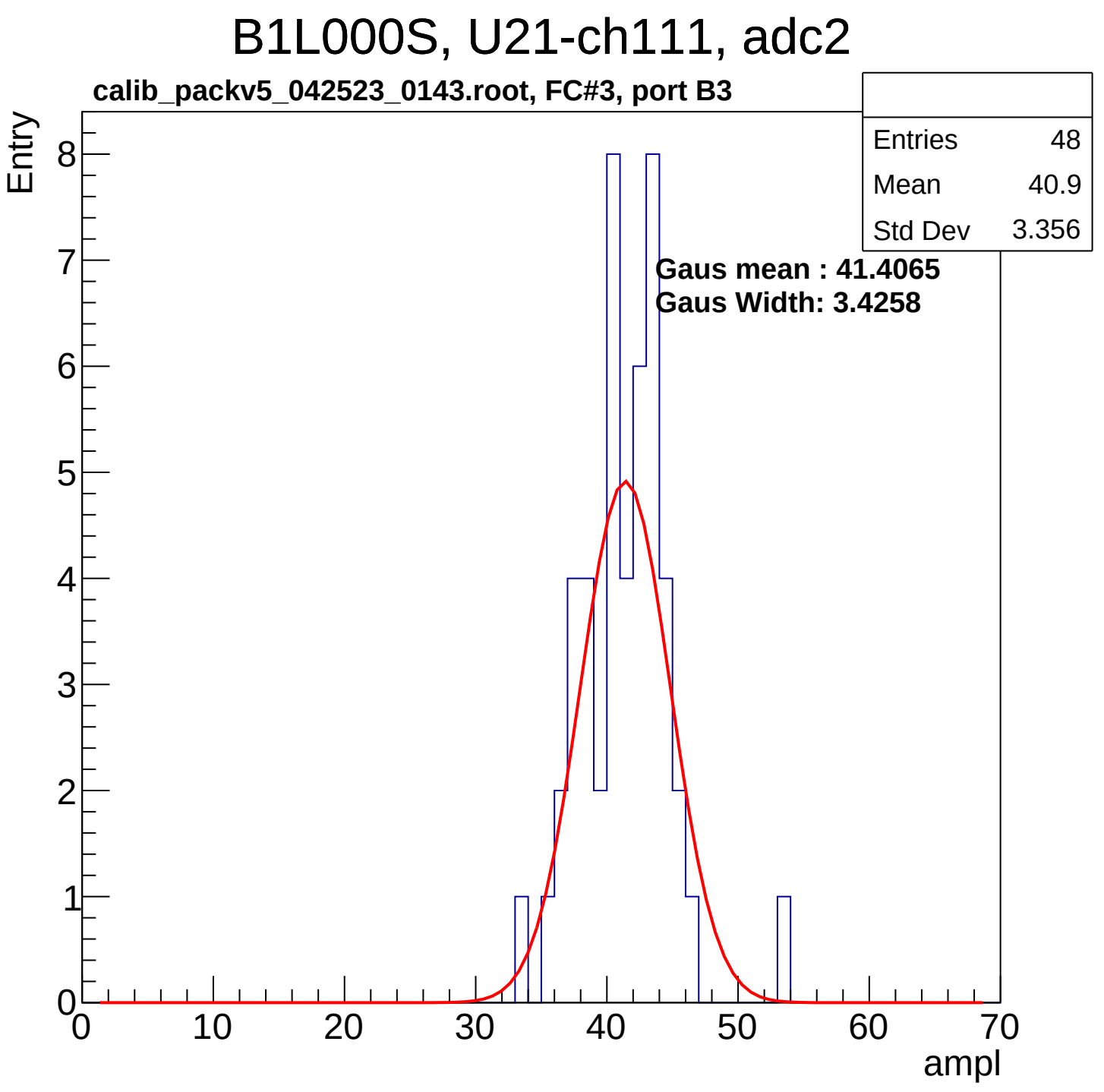

B1L000S, U21-ch110, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 57.95
Std Dev 8.184
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

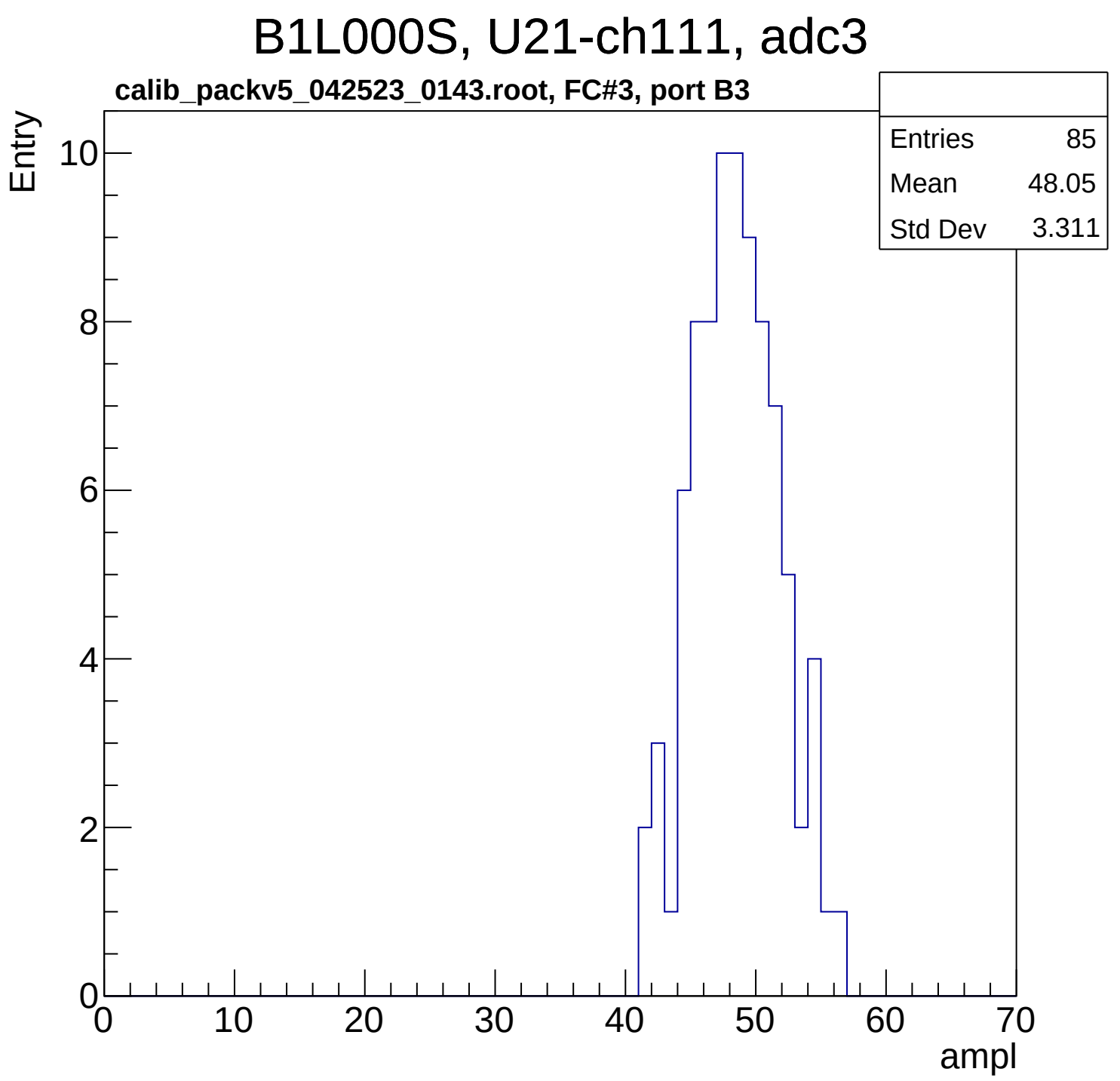

B1L000S, U21-ch110, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 62.07
Std Dev 1.062
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

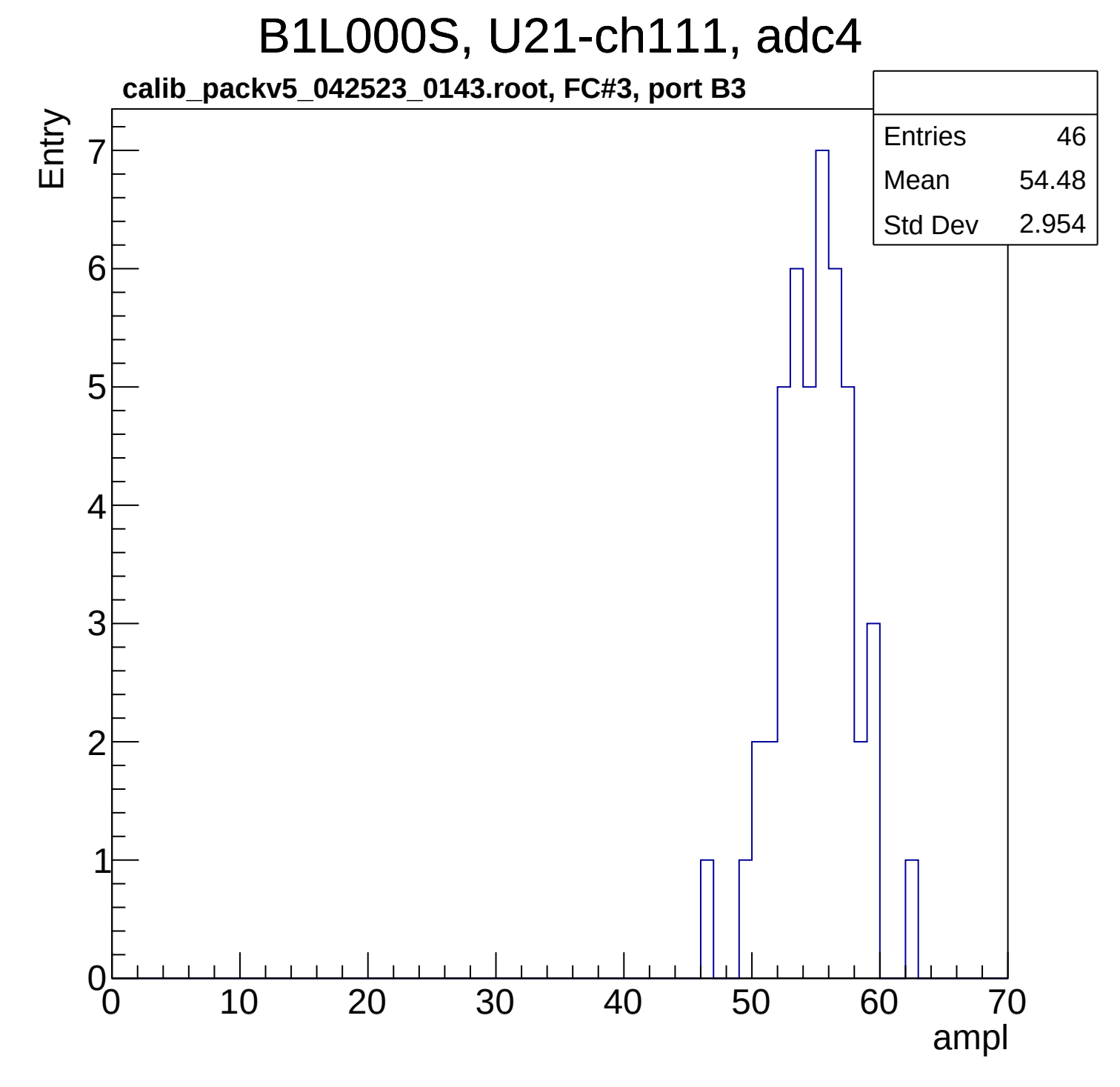

B1L000S, U21-ch110, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 22
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

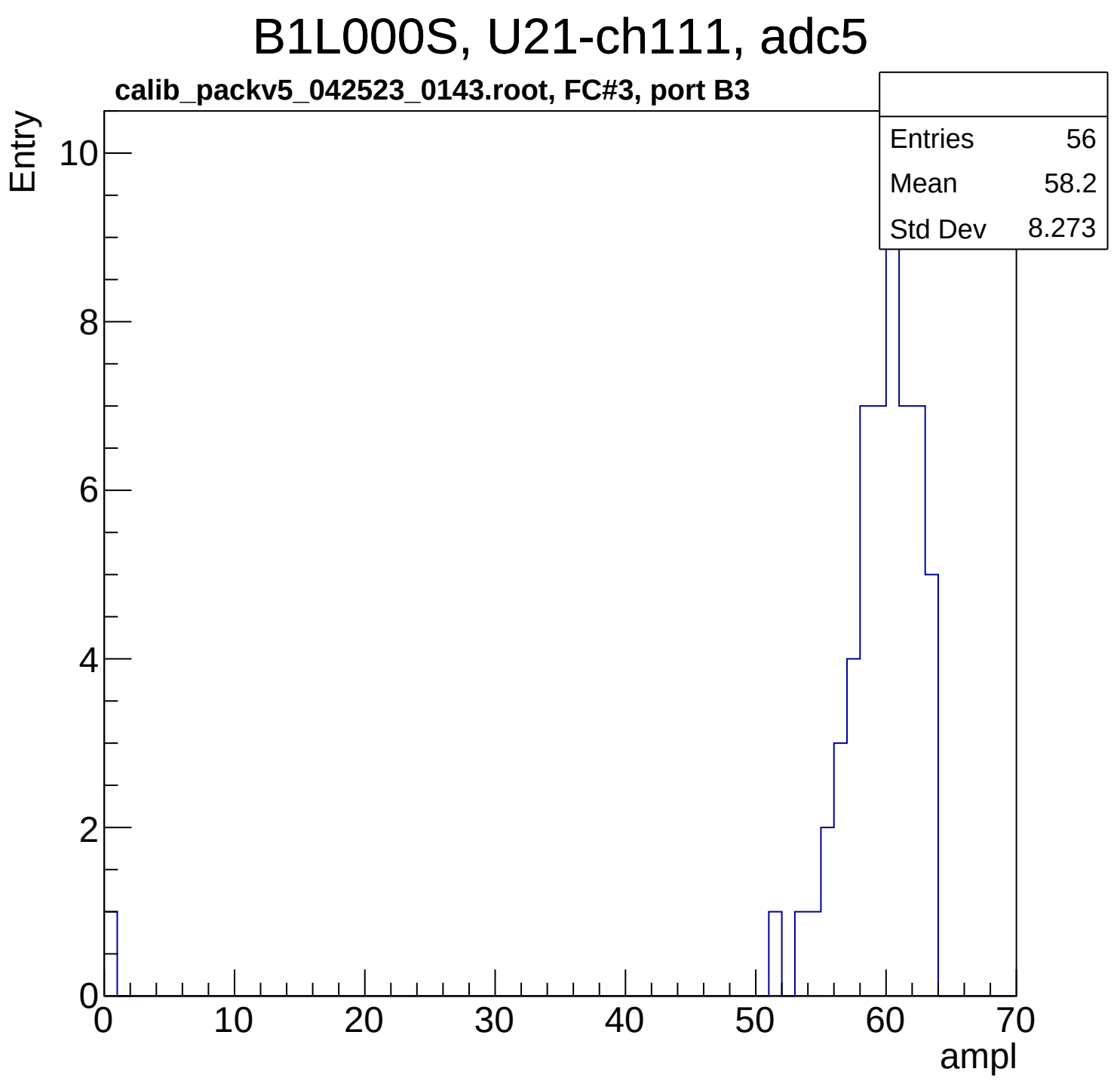

B1L000S, U21-ch111, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 27.82
Std Dev 2.833
Gaus mean : 28.8514
Gaus Width: 3.6157
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

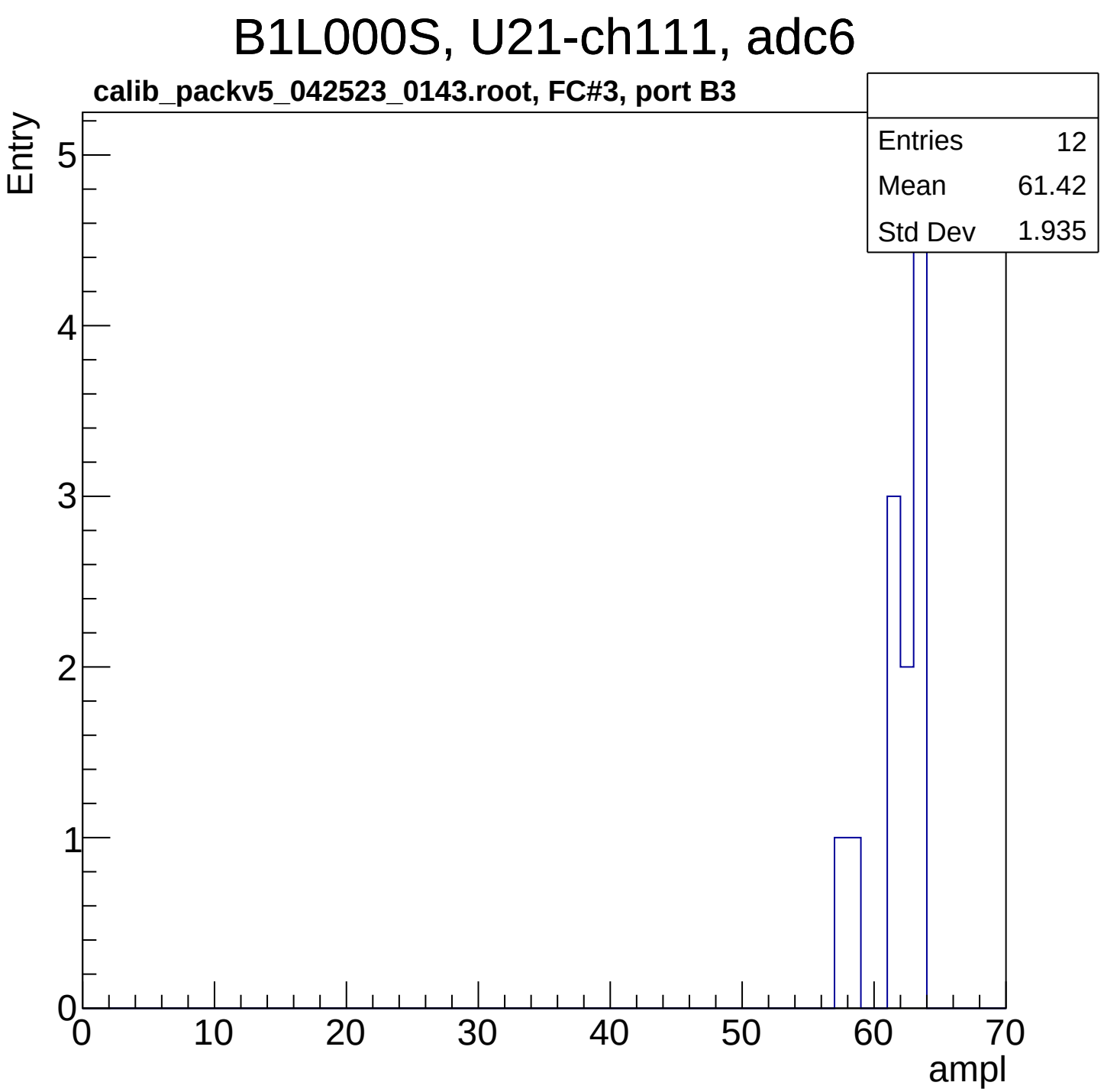

B1L000S, U21-ch111, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 84
Mean 34.89
Std Dev 3.609
Gaus mean : 35.2959
Gaus Width: 3.7486
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

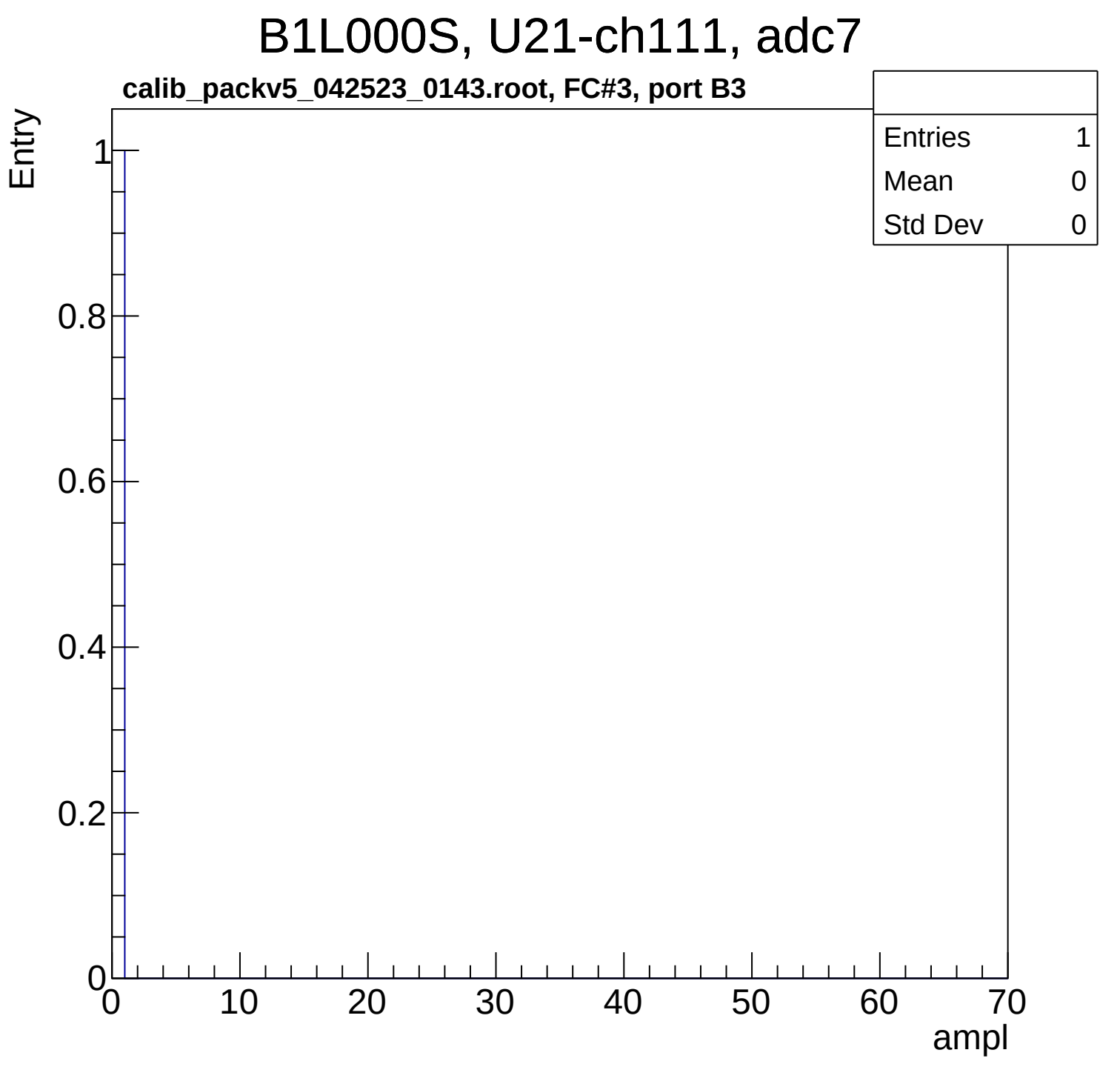

B1L000S, U21-ch111, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 40.9
Std Dev 3.356
Gaus mean : 41.4065
Gaus Width: 3.4258
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

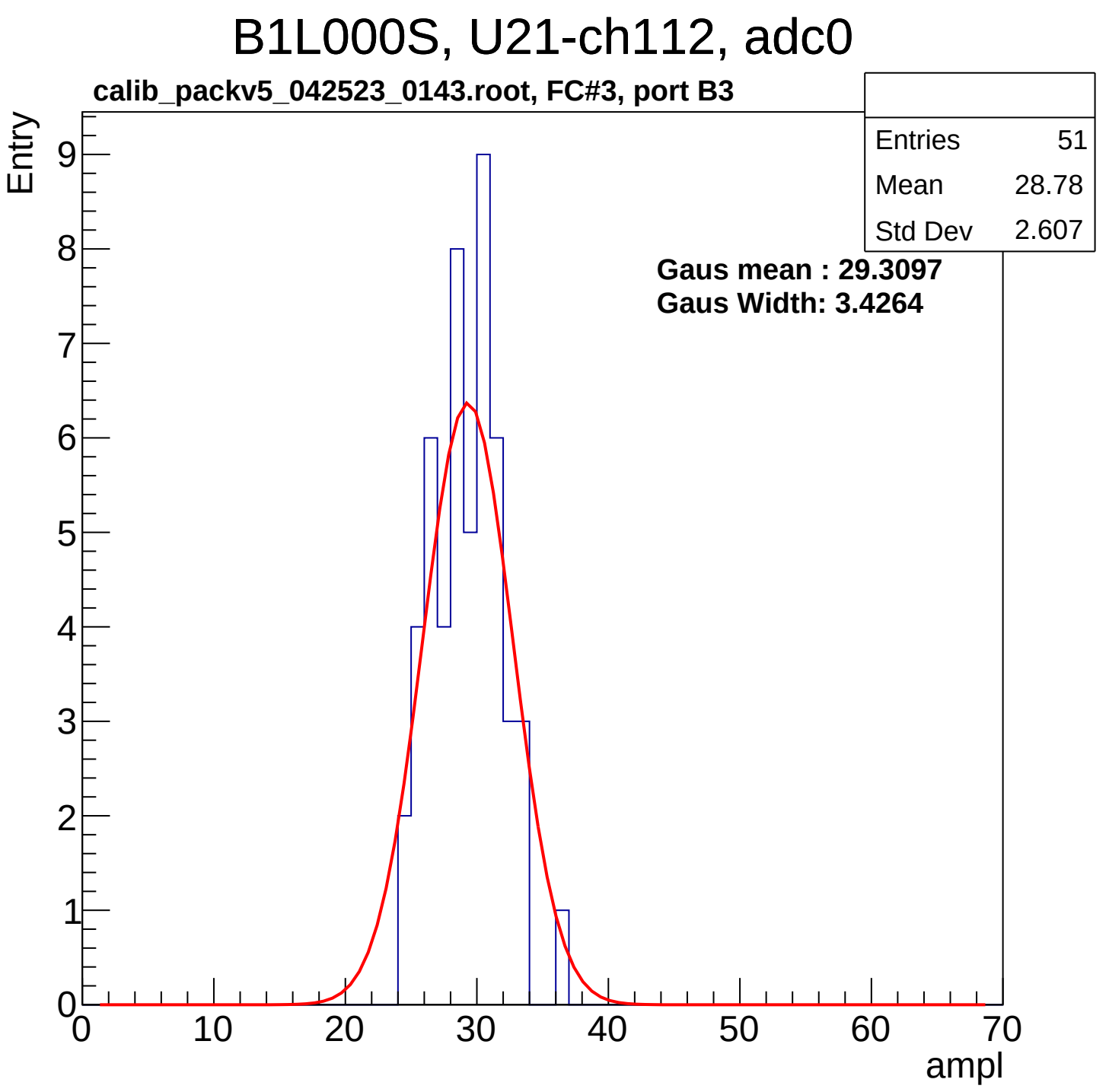

B1L000S, U21-ch111, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 85
Mean 48.05
Std Dev 3.311
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

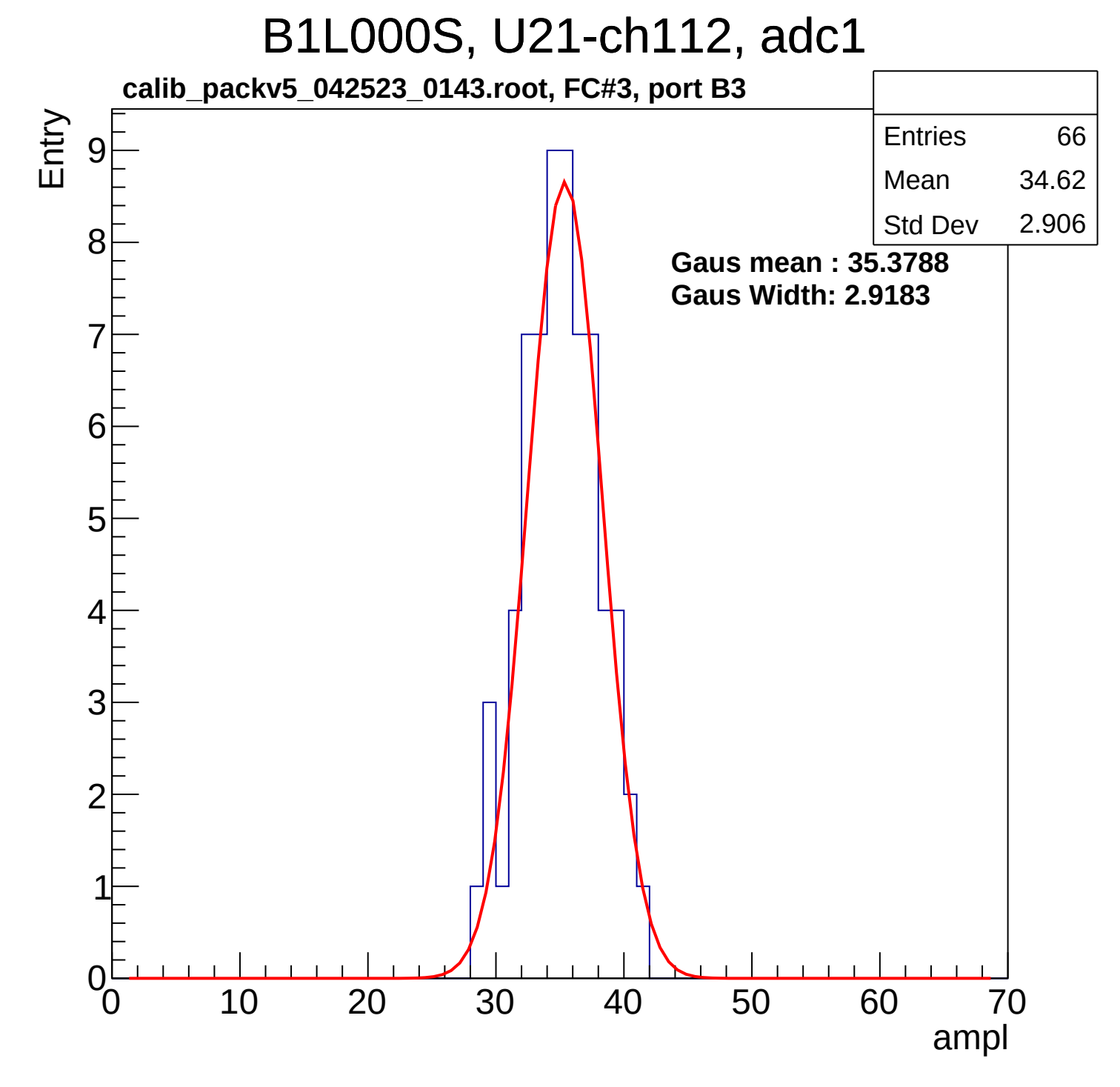

B1L000S, U21-ch111, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 54.48
Std Dev 2.954
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

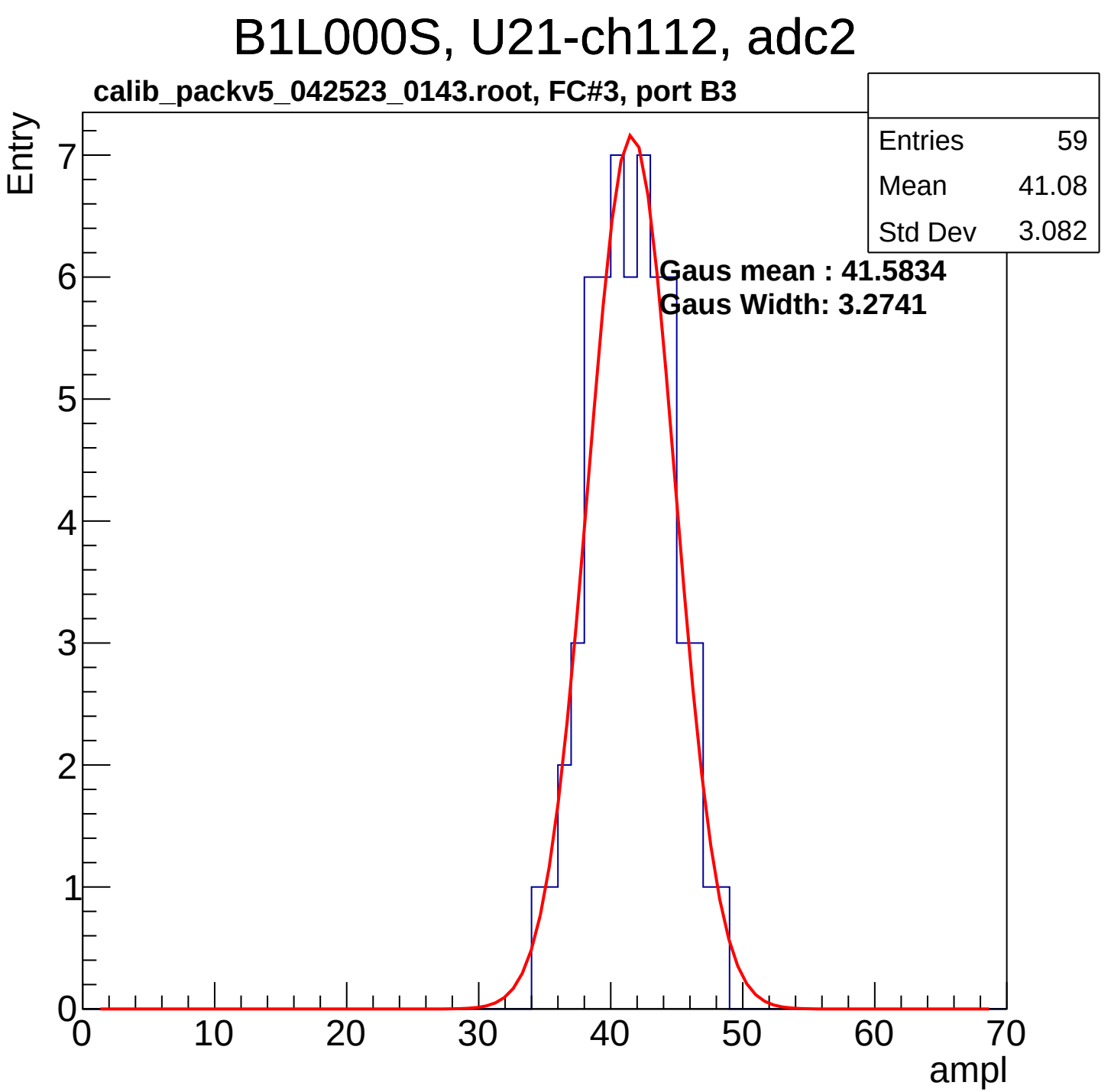

B1L000S, U21-ch111, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 58.2
Std Dev 8.273
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

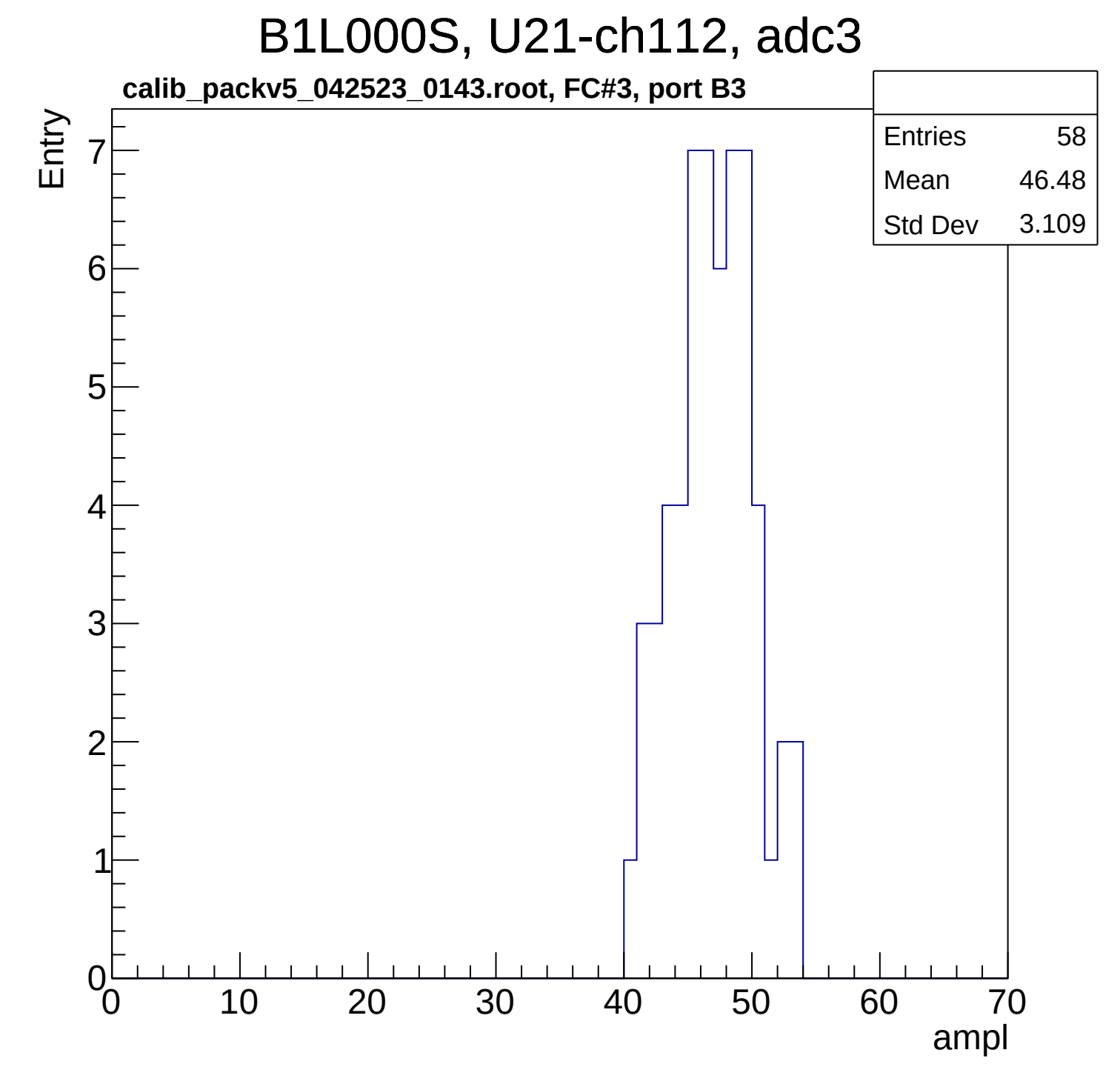

B1L000S, U21-ch111, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 61.42
Std Dev 1.935
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

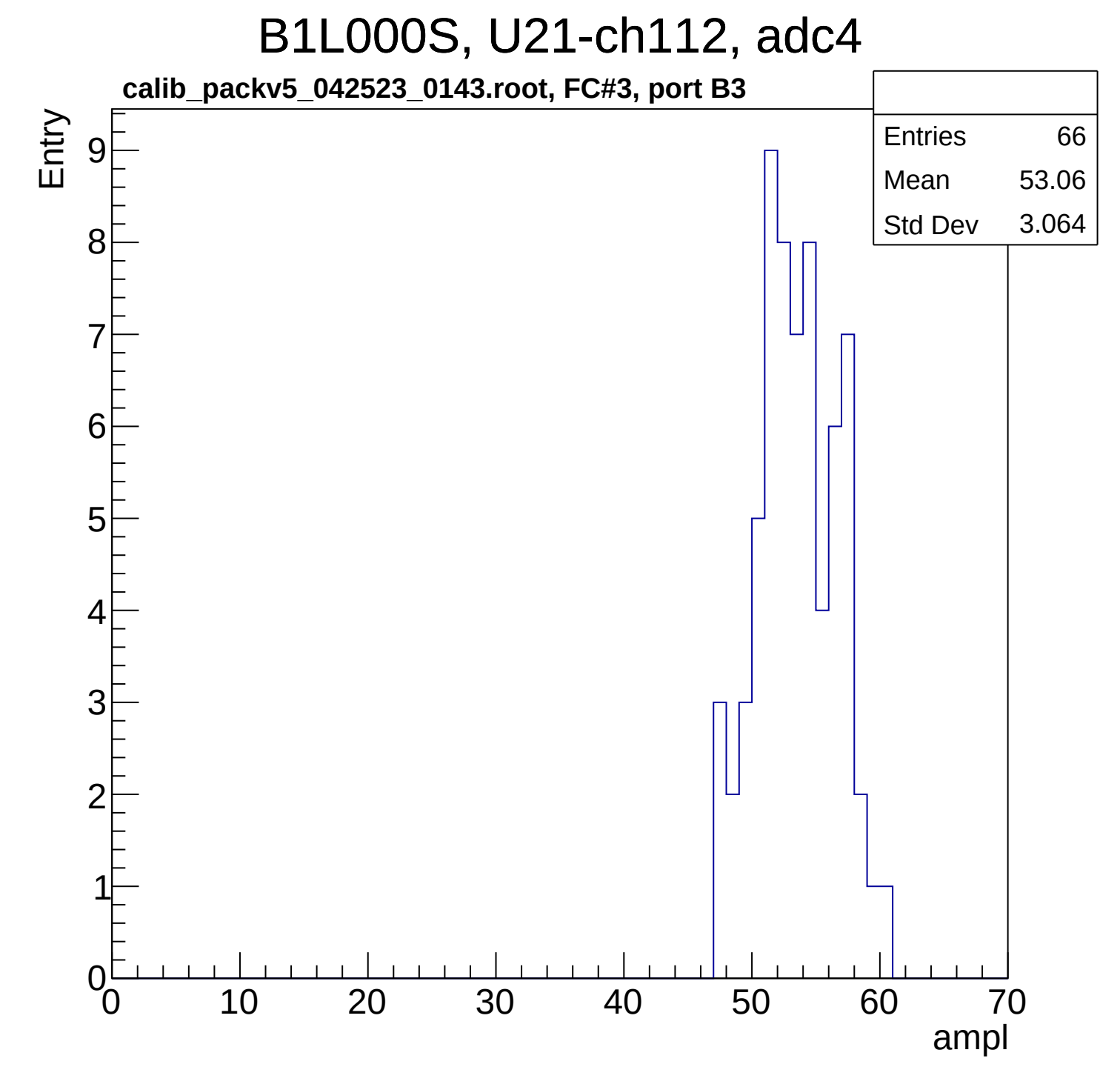

B1L000S, U21-ch111, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

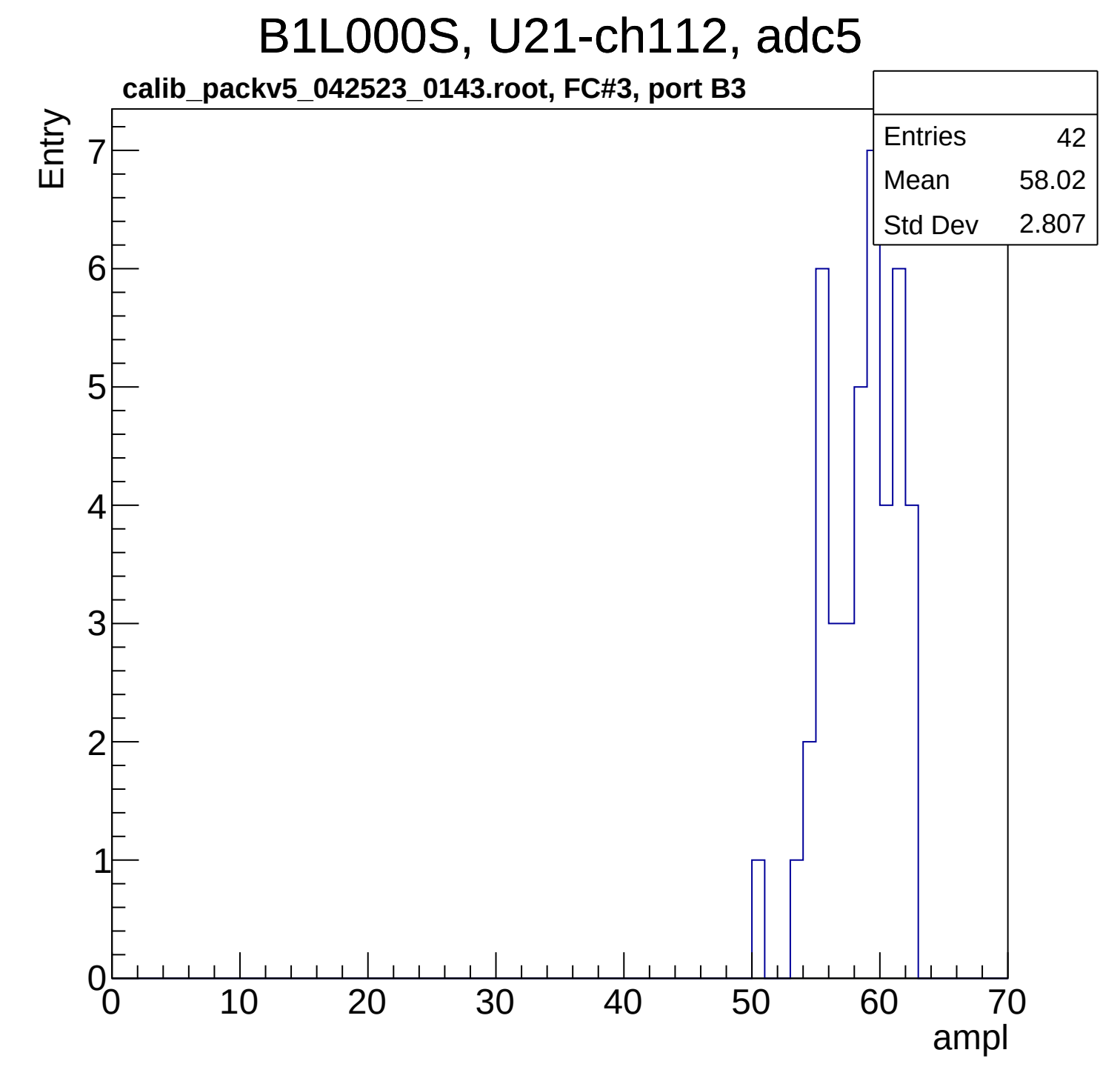

B1L000S, U21-ch112, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 28.78
Std Dev 2.607
Gaus mean : 29.3097
Gaus Width: 3.4264
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

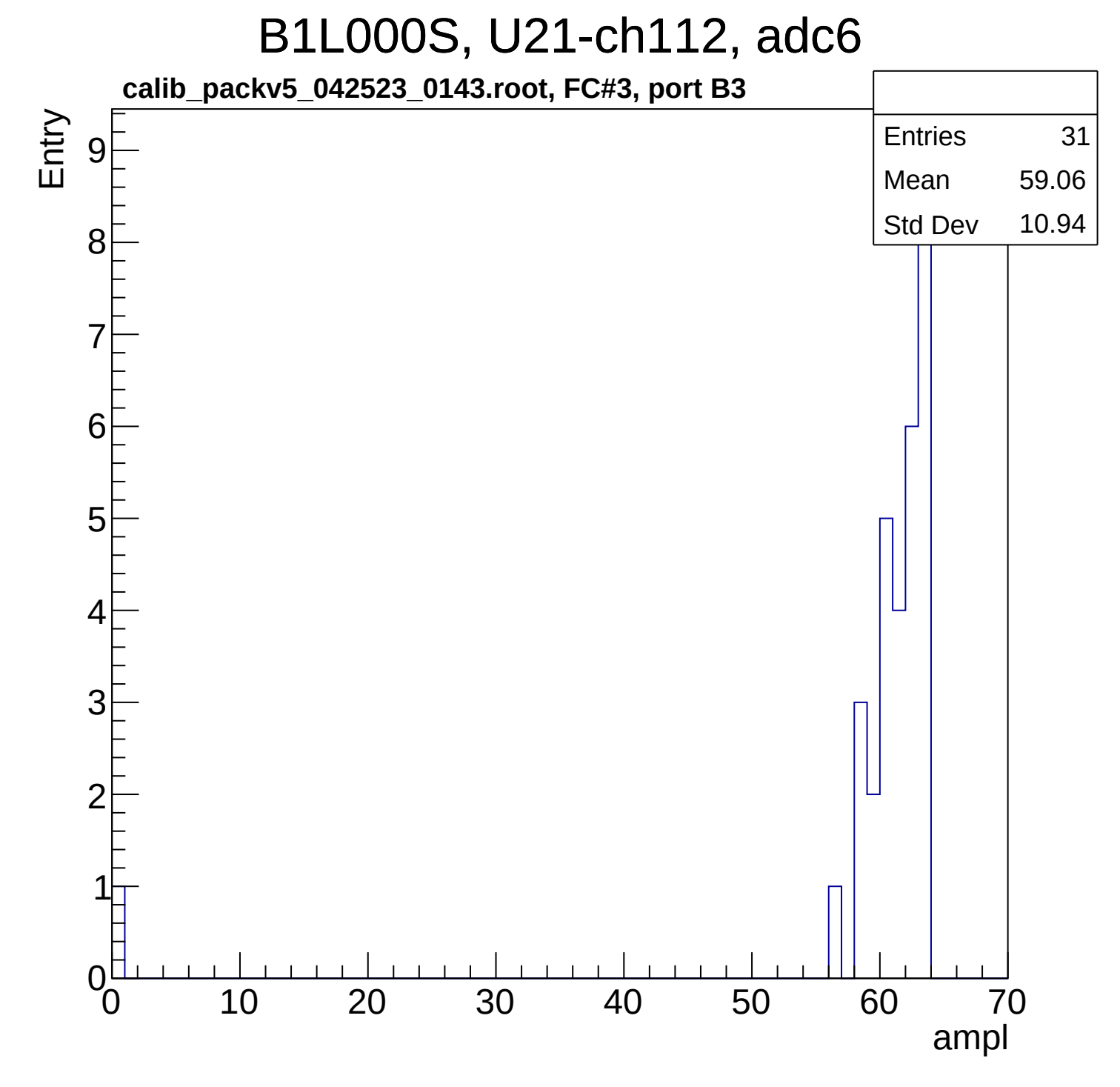

B1L000S, U21-ch112, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 34.62
Std Dev 2.906
Gaus mean : 35.3788
Gaus Width: 2.9183
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

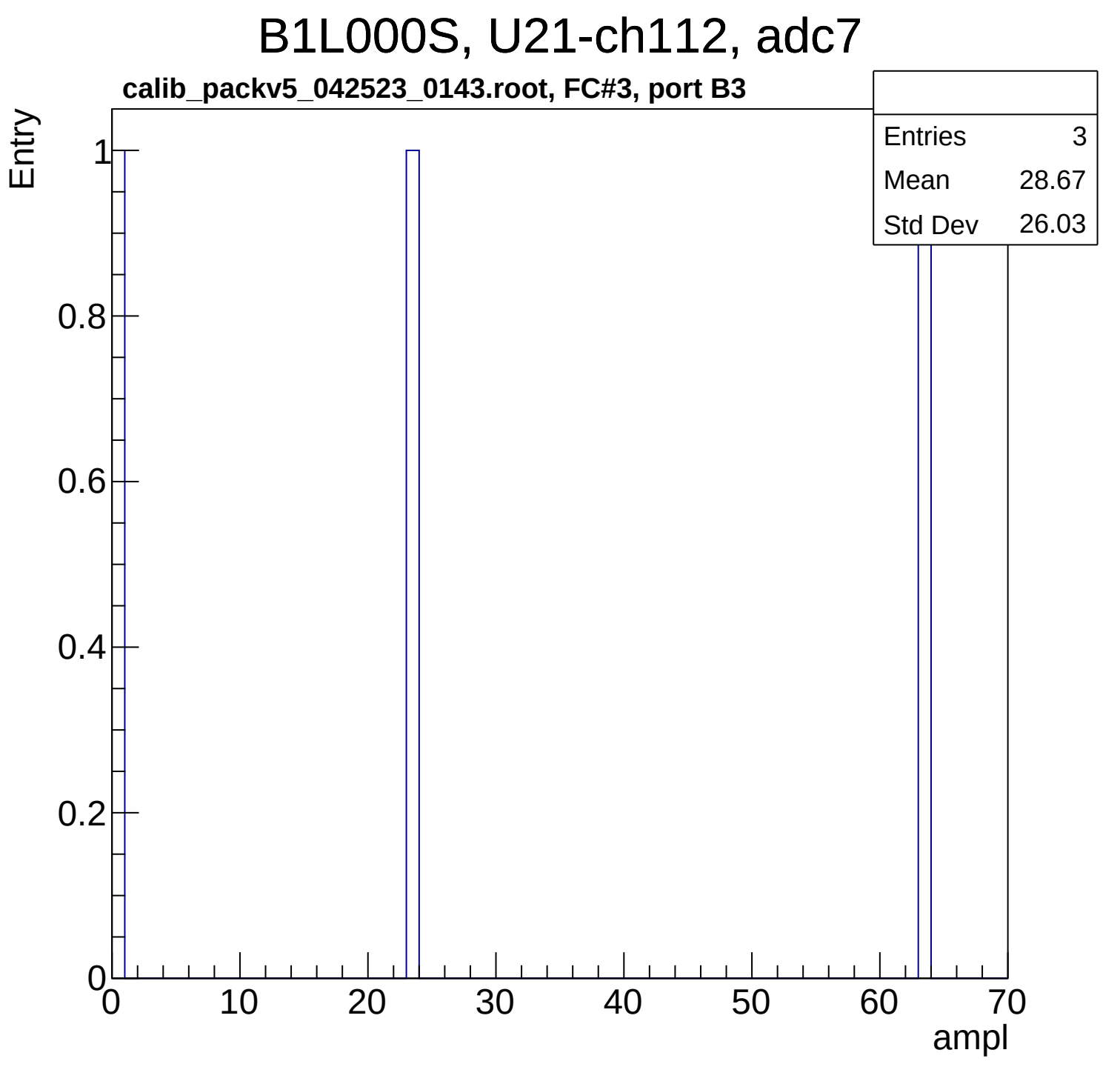

B1L000S, U21-ch112, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 41.08
Std Dev 3.082
Gaus mean : 41.5834
Gaus Width: 3.2741
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

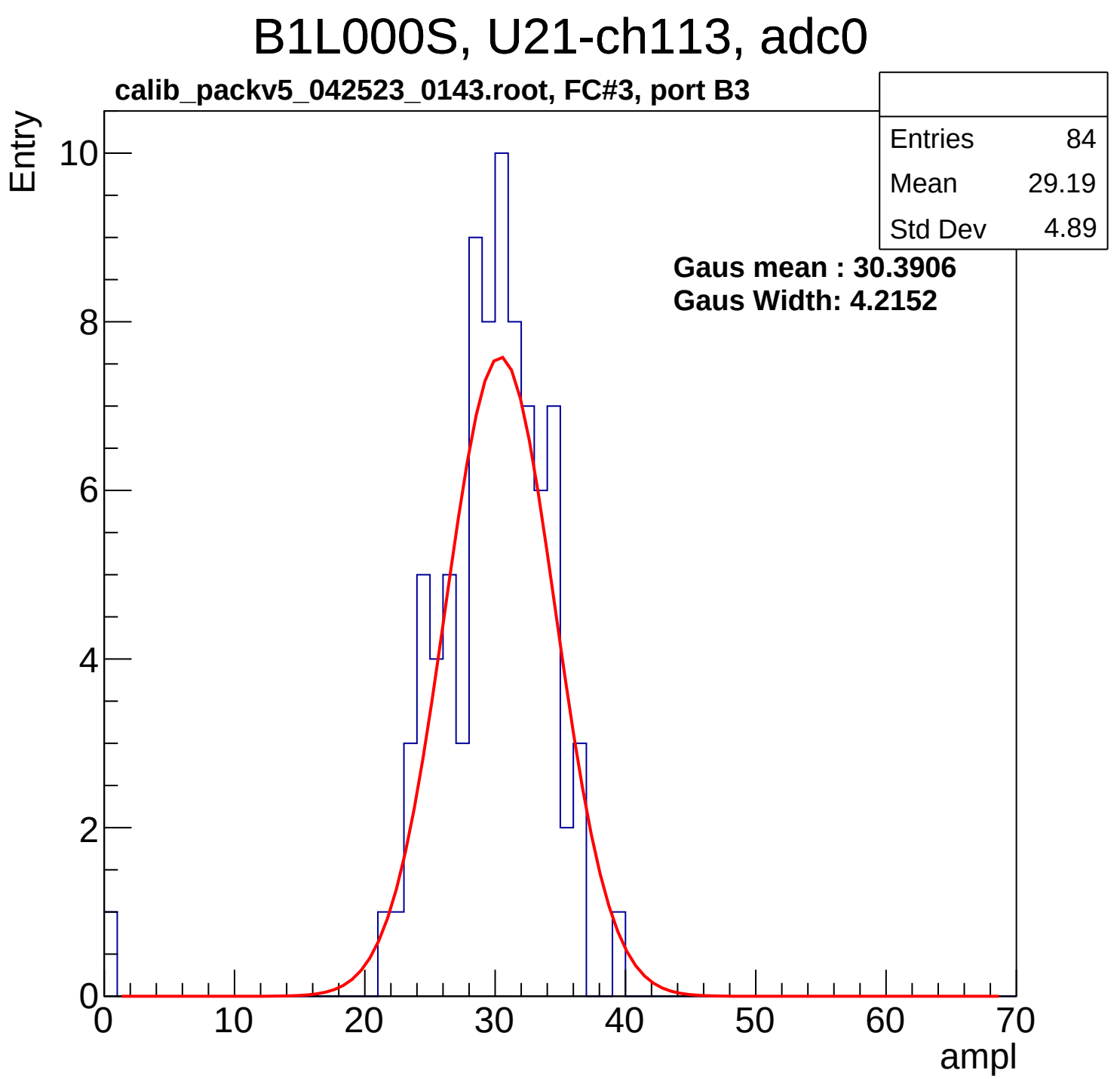

B1L000S, U21-ch112, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 46.48
Std Dev 3.109
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

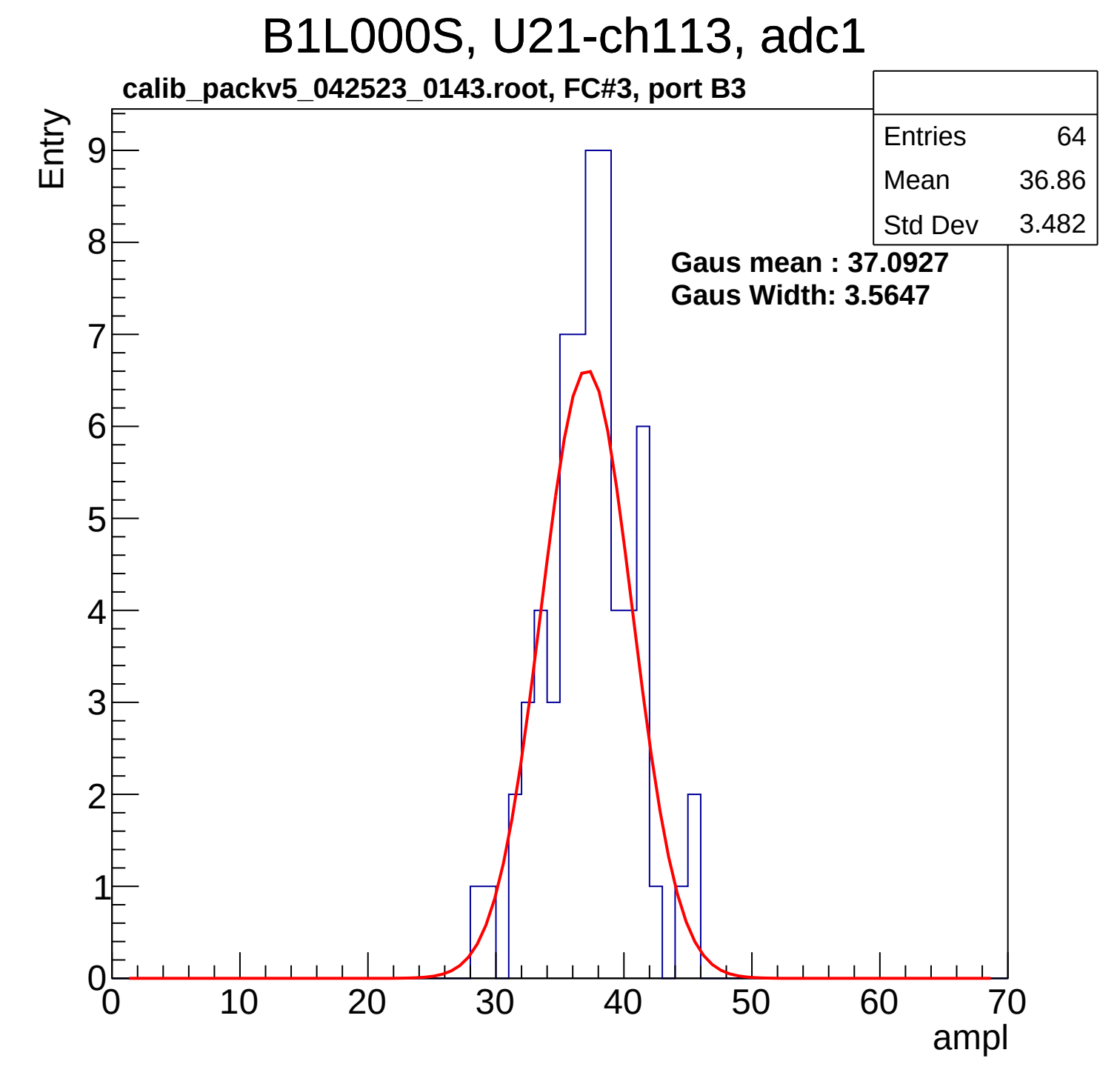

B1L000S, U21-ch112, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 53.06
Std Dev 3.064
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

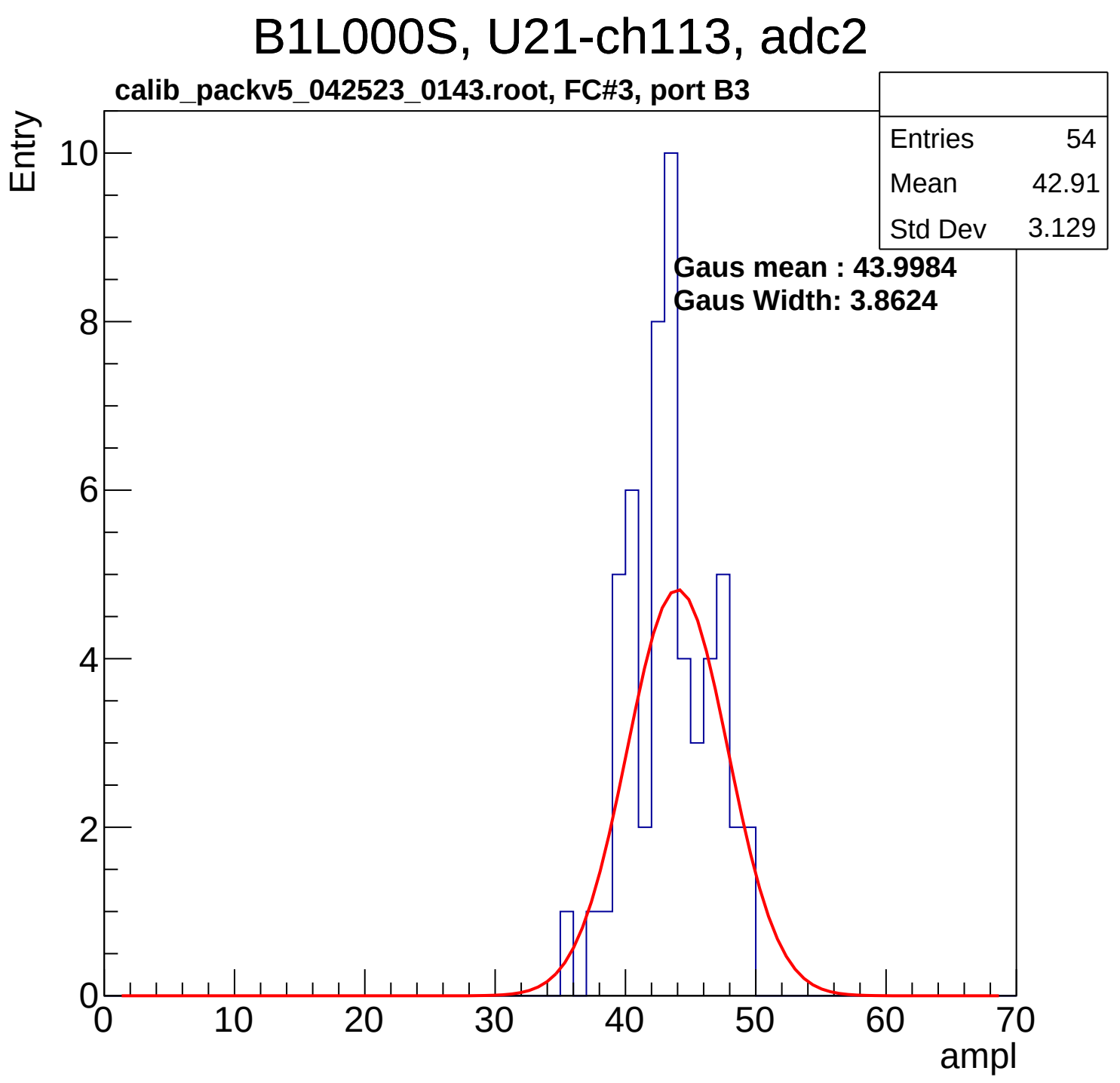

B1L000S, U21-ch112, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 58.02
Std Dev 2.807
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

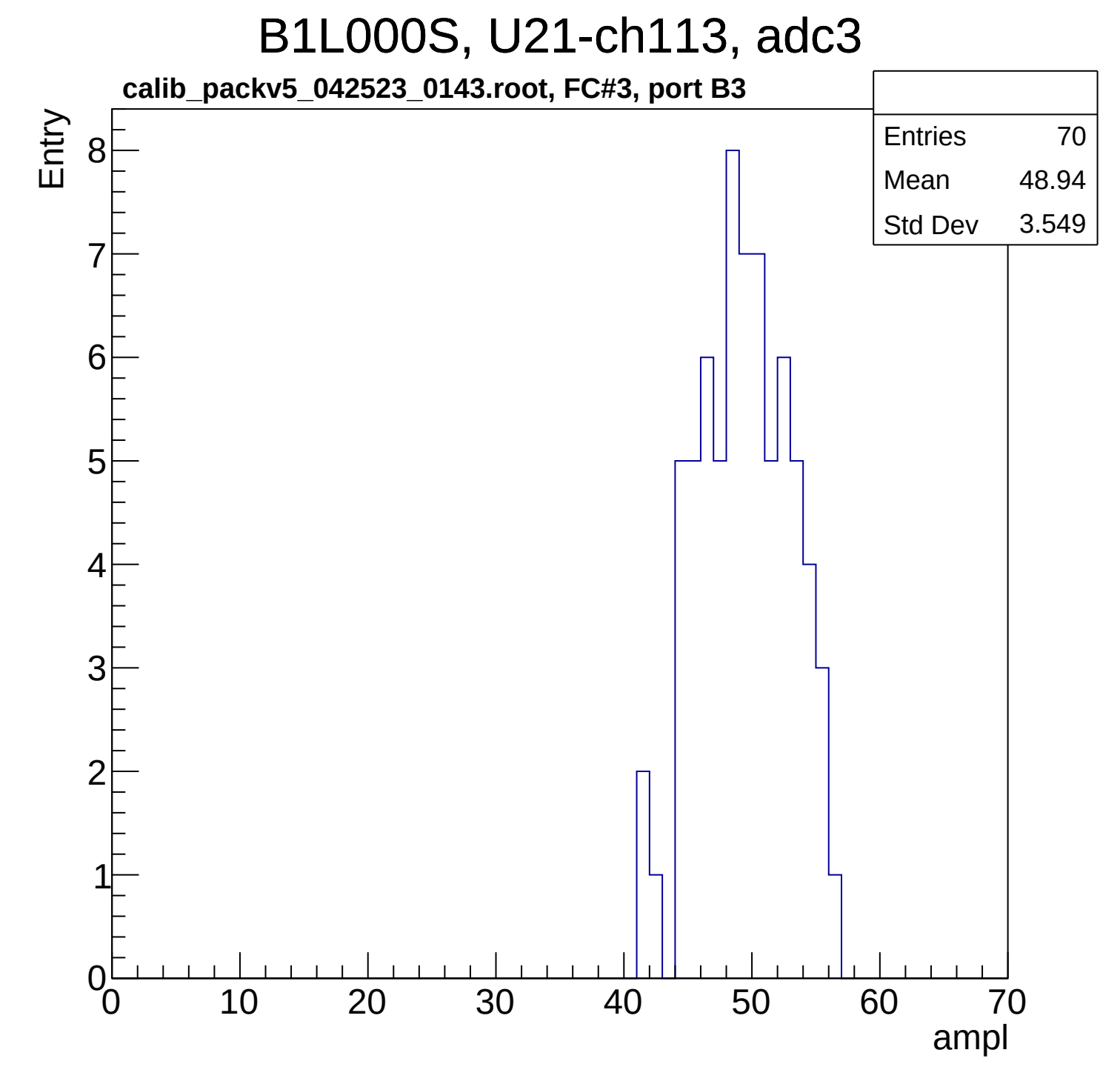

B1L000S, U21-ch112, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 31
Mean 59.06
Std Dev 10.94
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

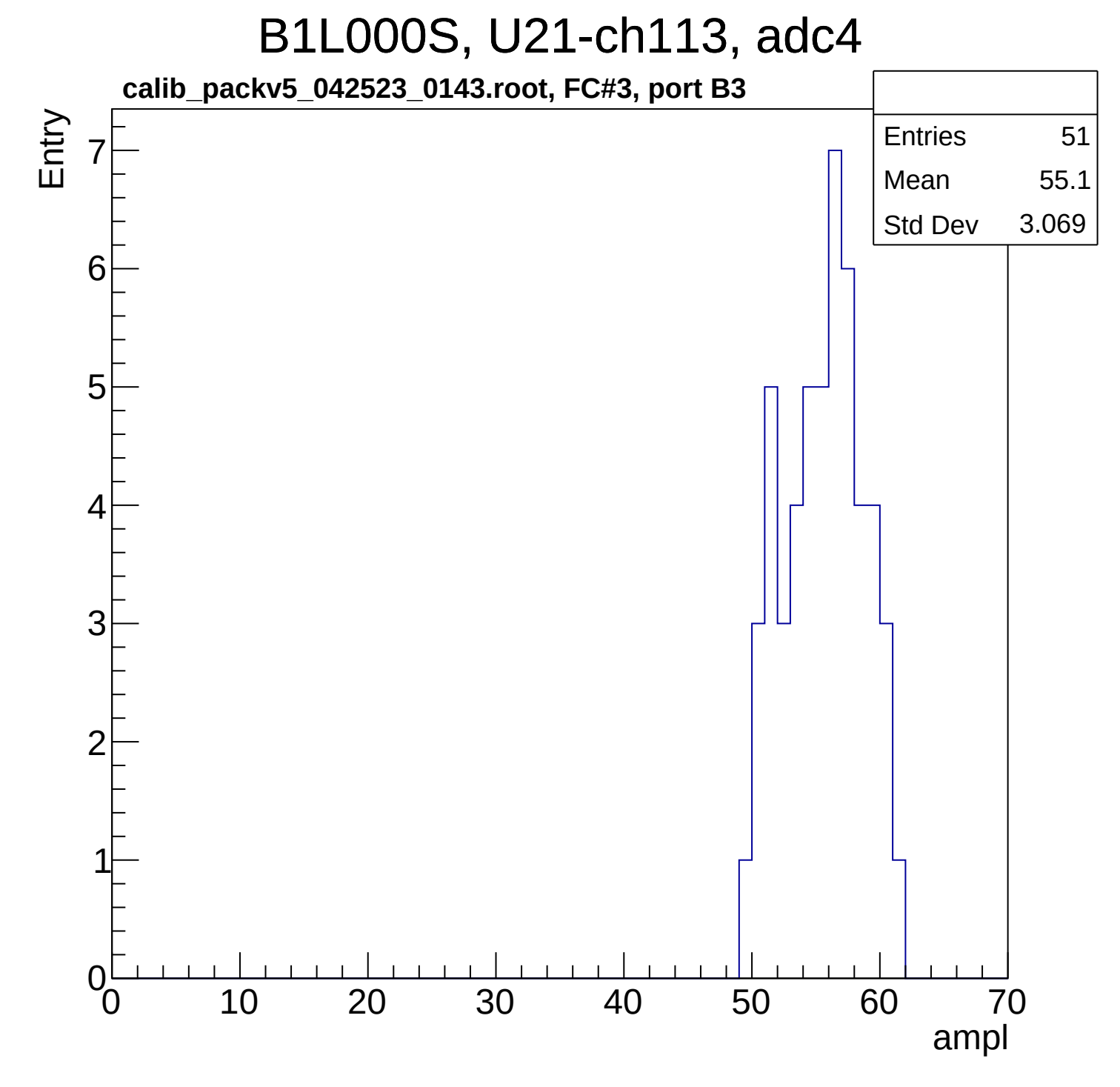

B1L000S, U21-ch112, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 28.67
Std Dev 26.03
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

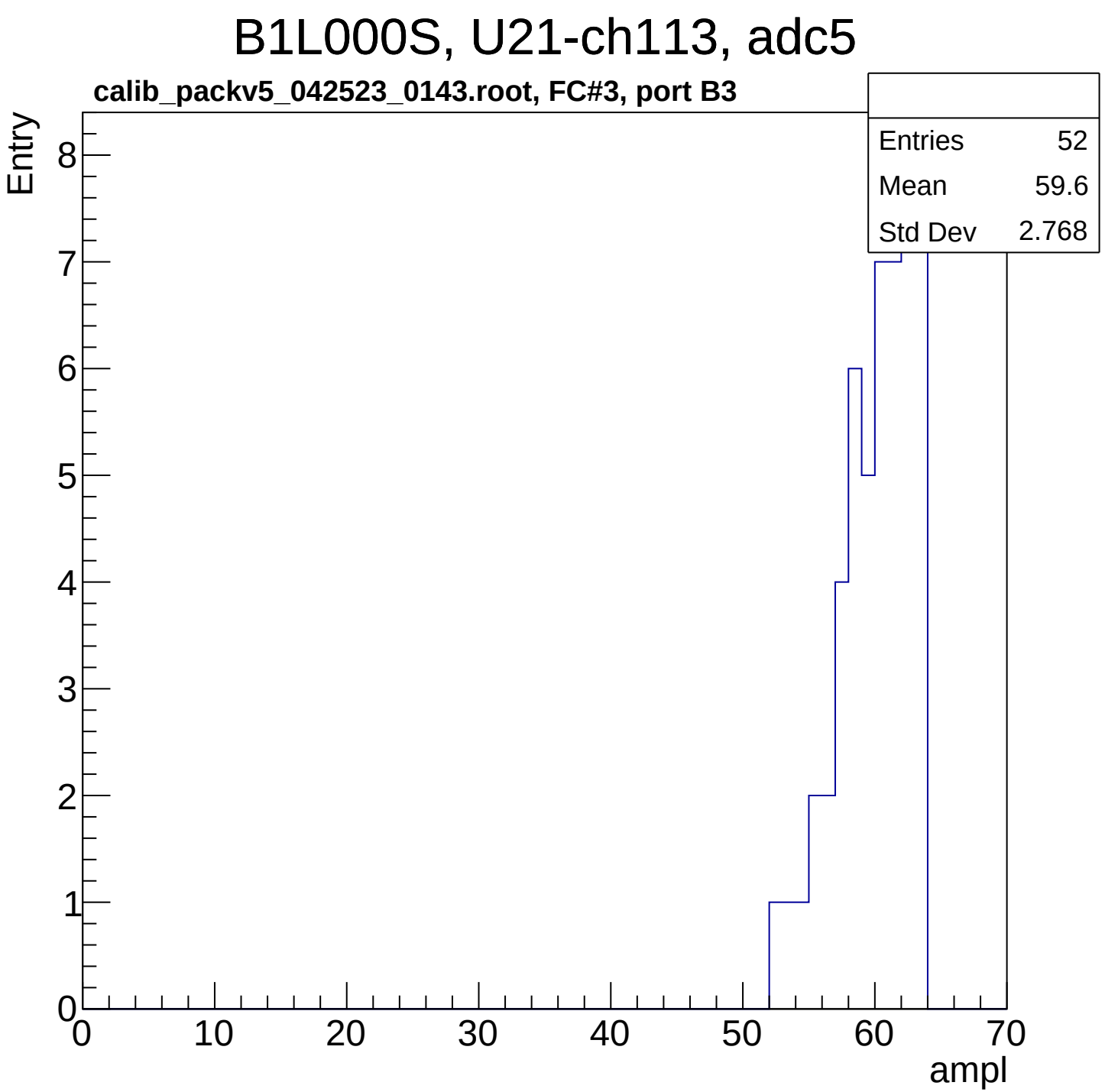

B1L000S, U21-ch113, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 84
Mean 29.19
Std Dev 4.89
Gaus mean : 30.3906
Gaus Width: 4.2152
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

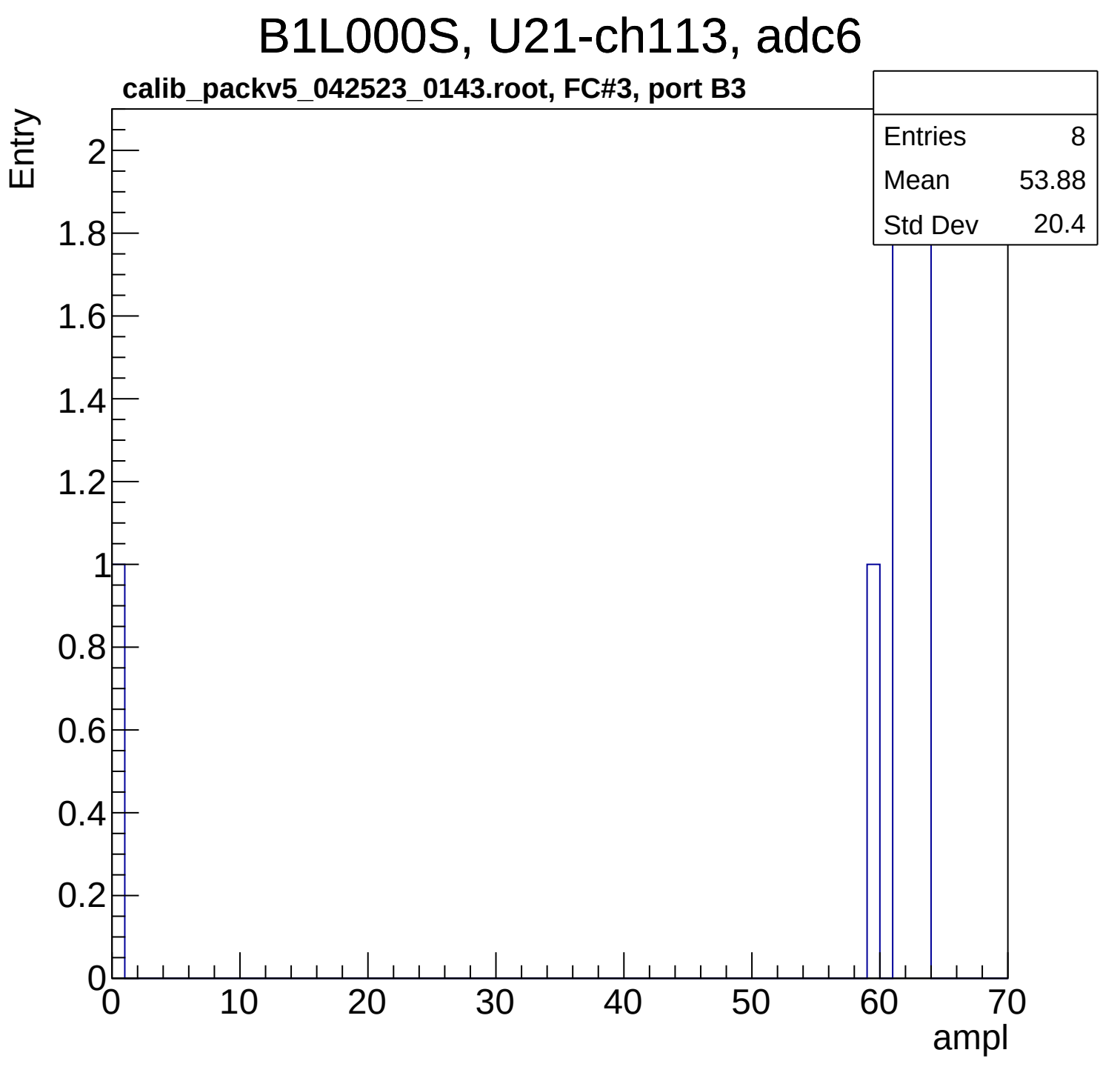

B1L000S, U21-ch113, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 36.86
Std Dev 3.482
Gaus mean : 37.0927
Gaus Width: 3.5647
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

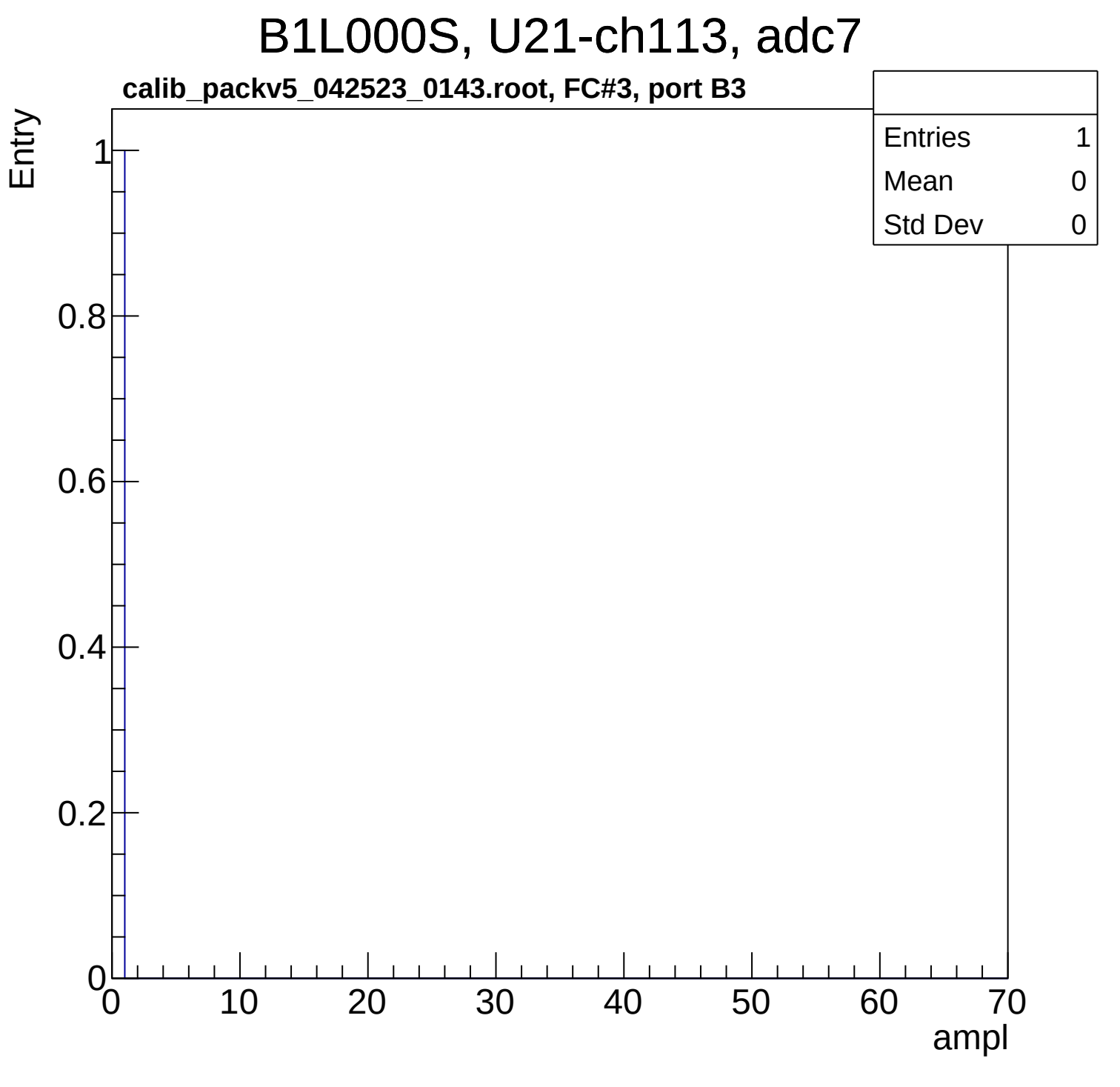

B1L000S, U21-ch113, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 42.91
Std Dev 3.129
Gaus mean : 43.9984
Gaus Width: 3.8624
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

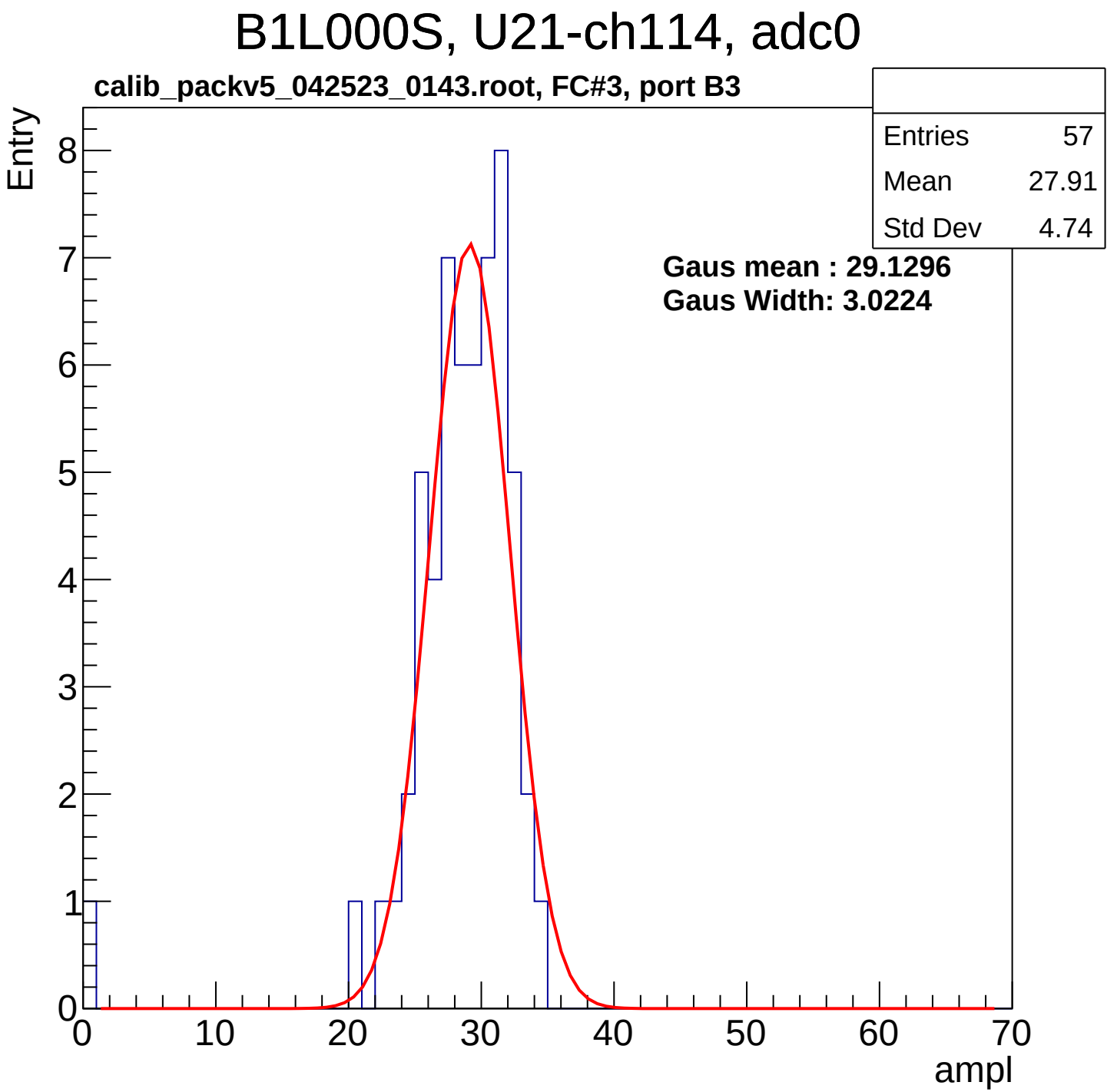

B1L000S, U21-ch113, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 48.94
Std Dev 3.549
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

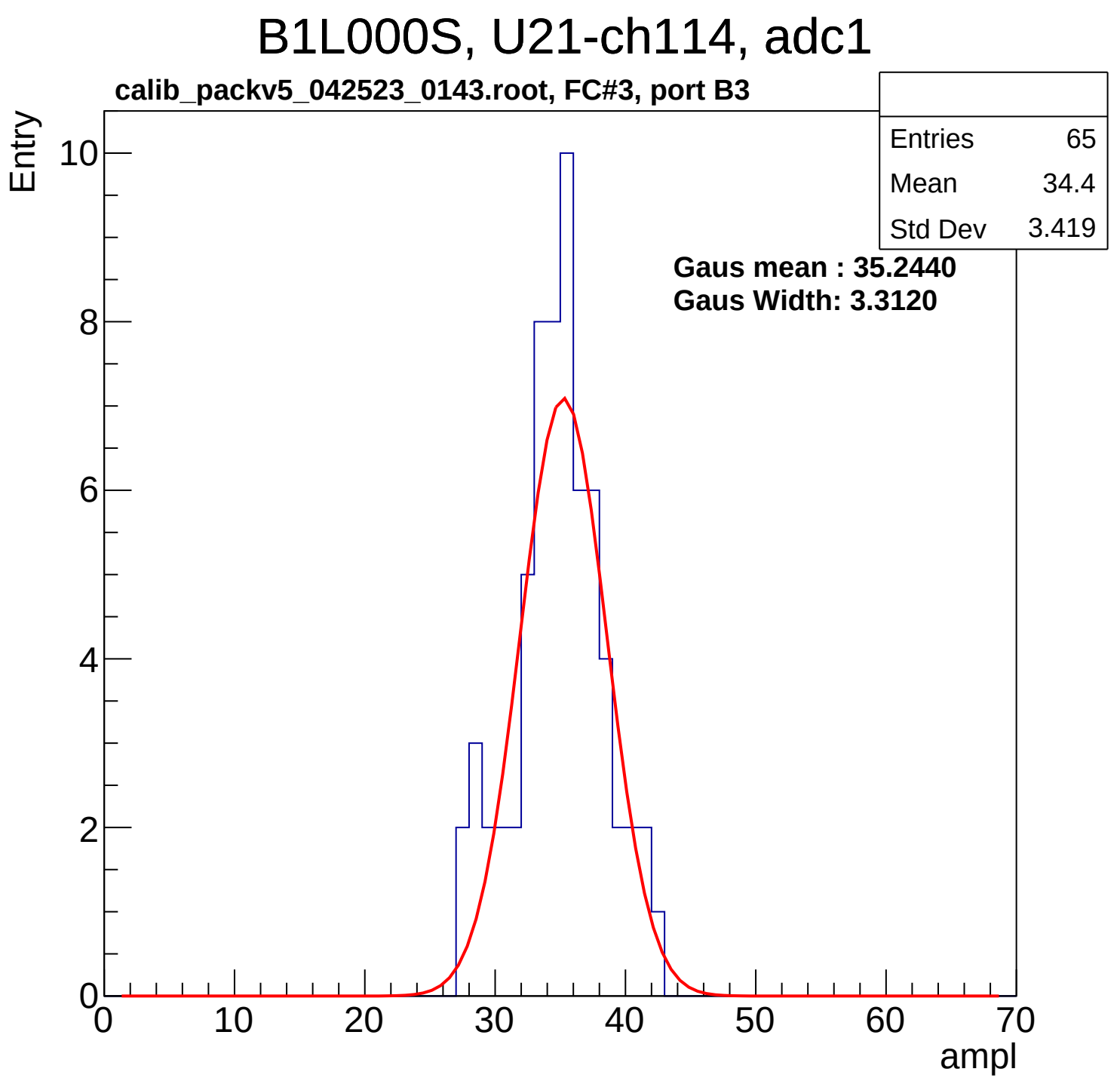

B1L000S, U21-ch113, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 55.1
Std Dev 3.069
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

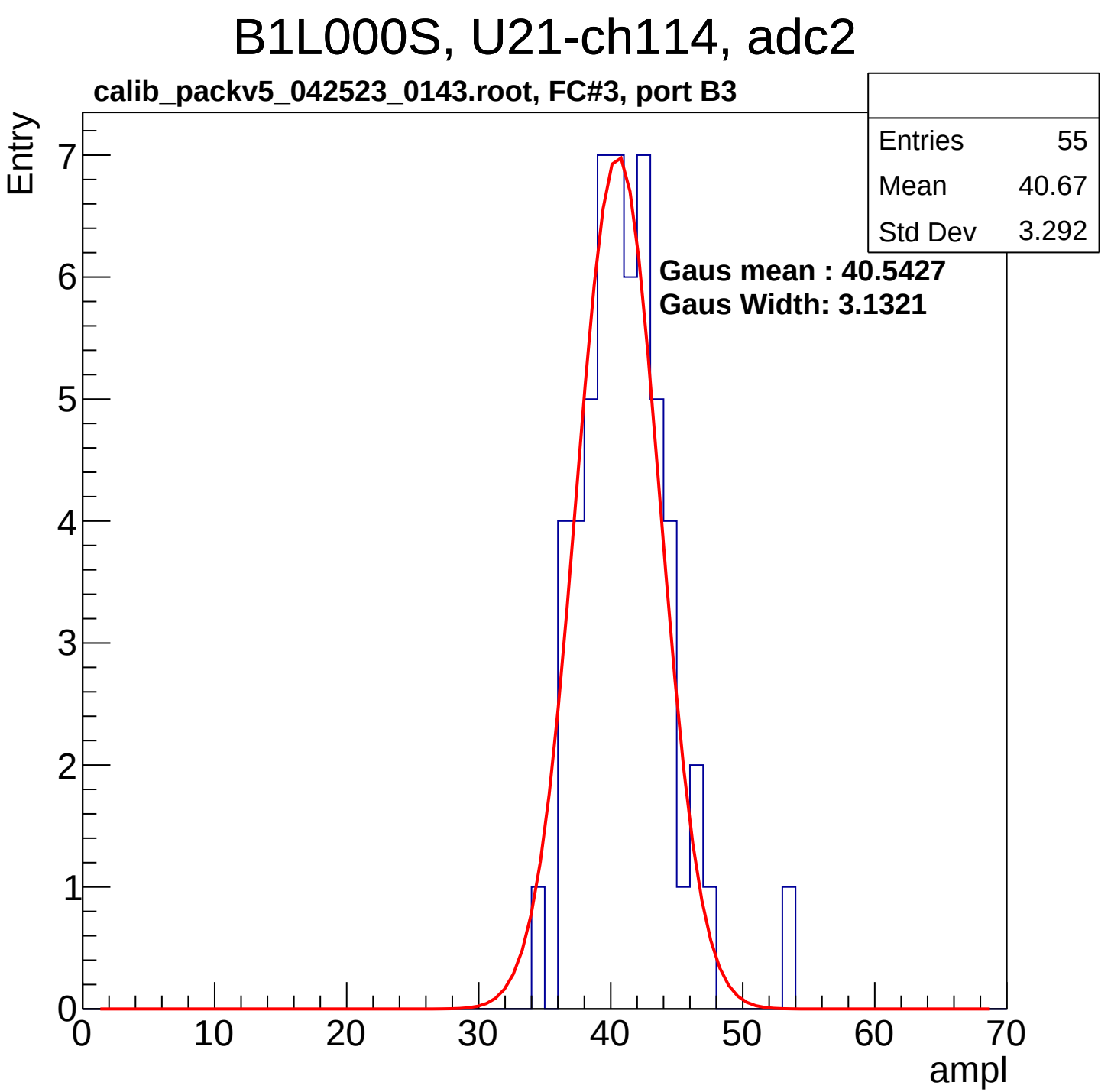

B1L000S, U21-ch113, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 59.6
Std Dev 2.768
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

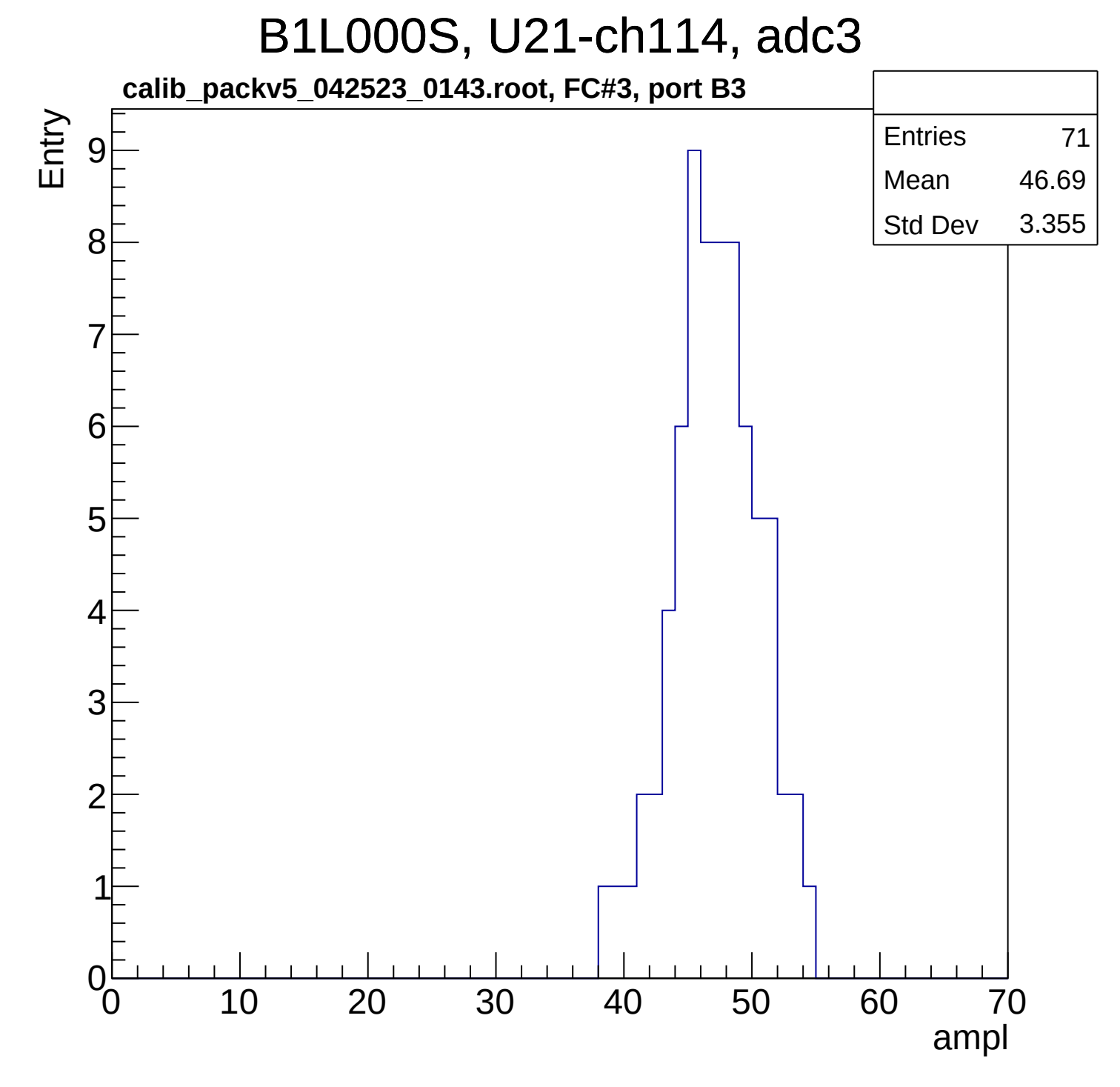

B1L000S, U21-ch113, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 53.88
Std Dev 20.4
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

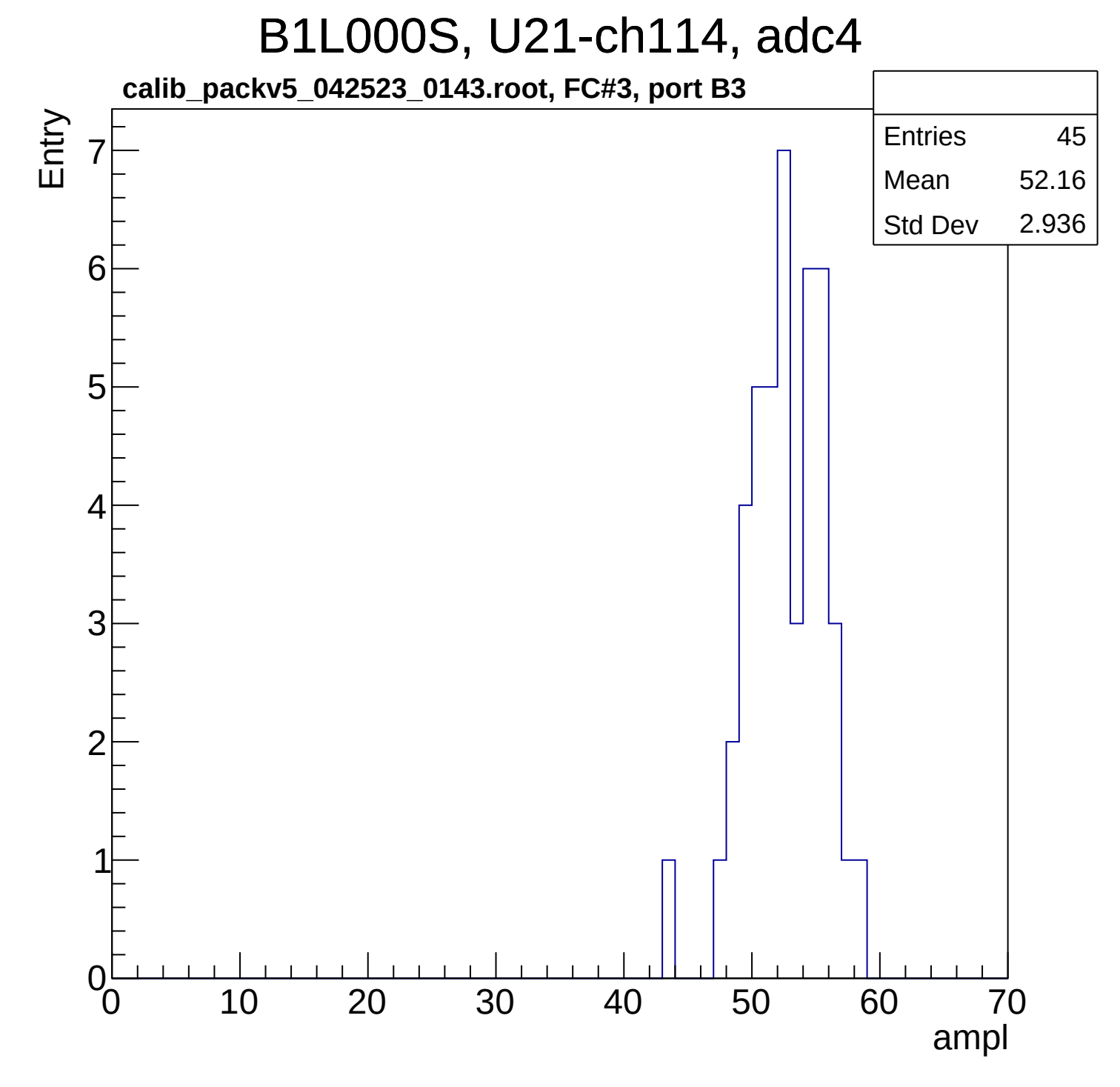

B1L000S, U21-ch113, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

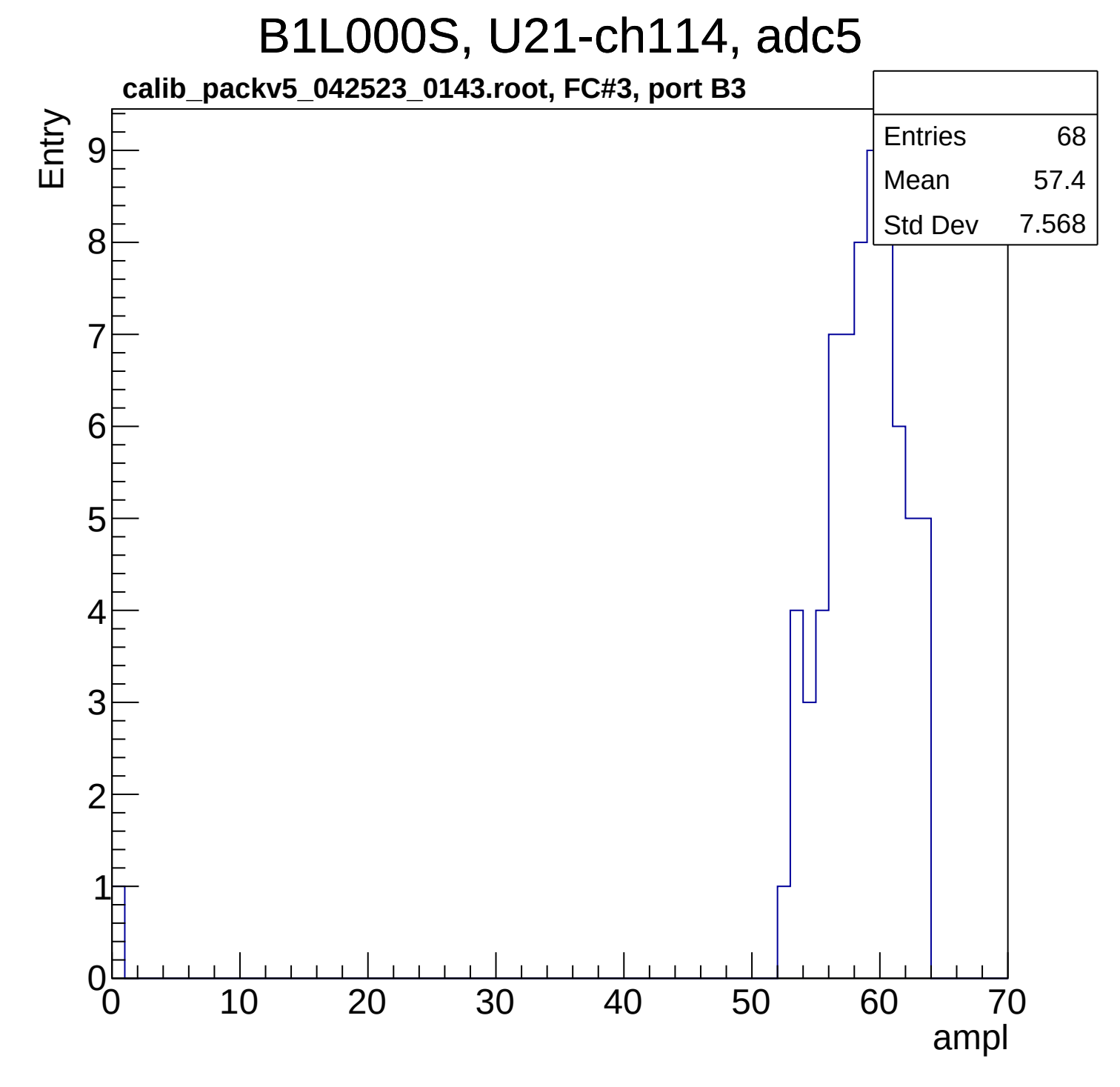

B1L000S, U21-ch114, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 27.91
Std Dev 4.74
Gaus mean : 29.1296
Gaus Width: 3.0224
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

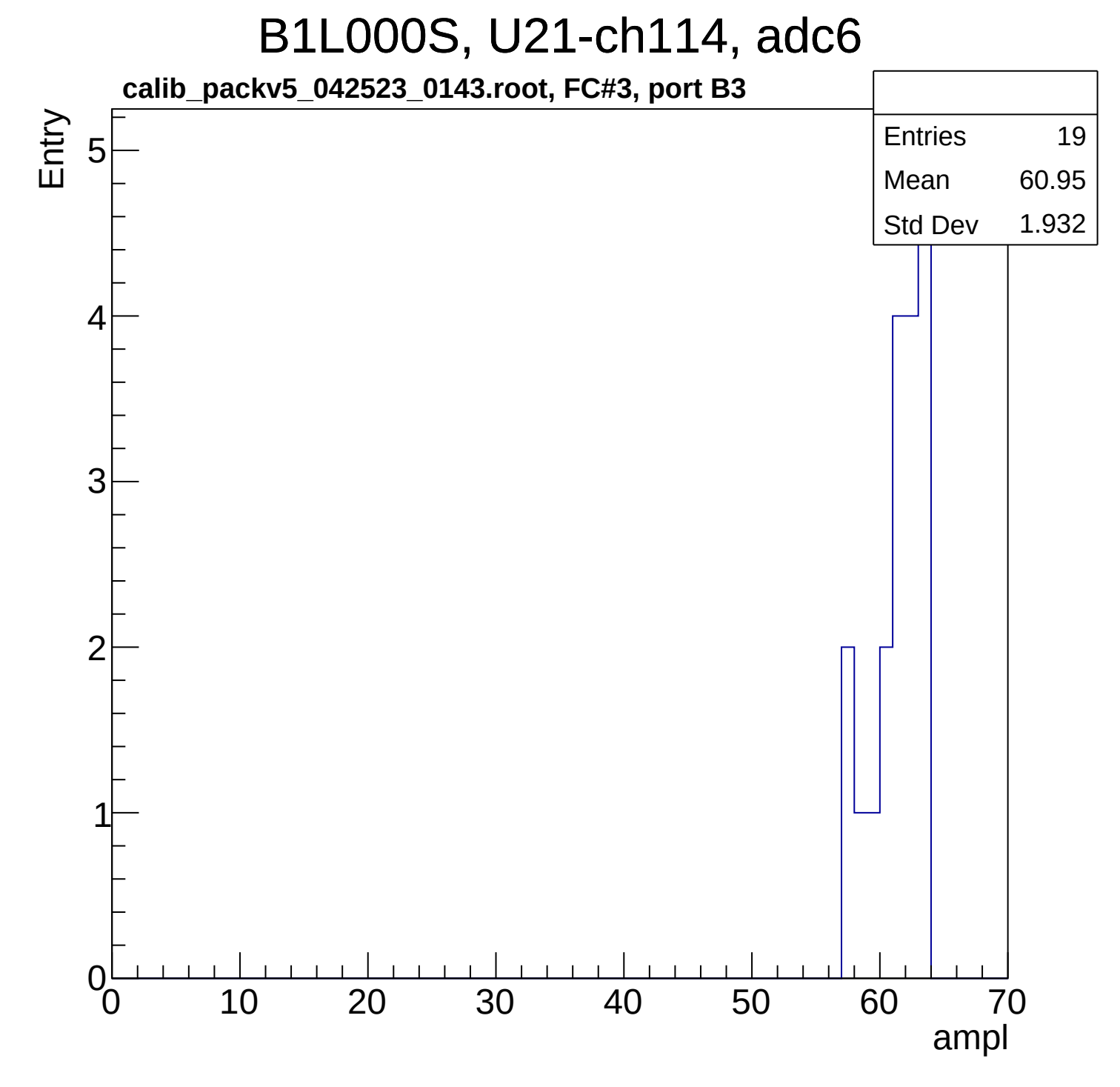

B1L000S, U21-ch114, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 34.4
Std Dev 3.419
Gaus mean : 35.2440
Gaus Width: 3.3120
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

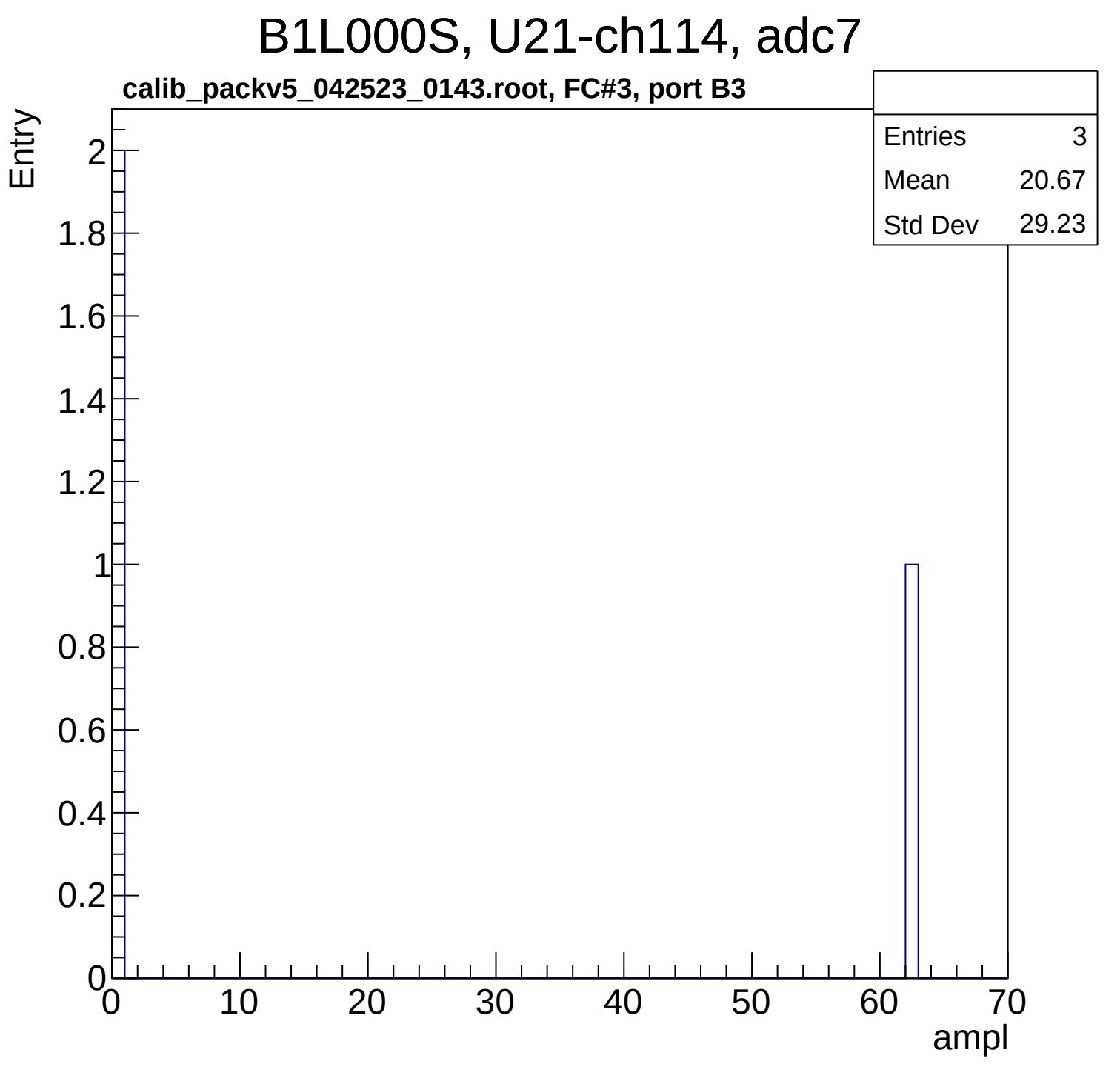

B1L000S, U21-ch114, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 40.67
Std Dev 3.292
Gaus mean : 40.5427
Gaus Width: 3.1321
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

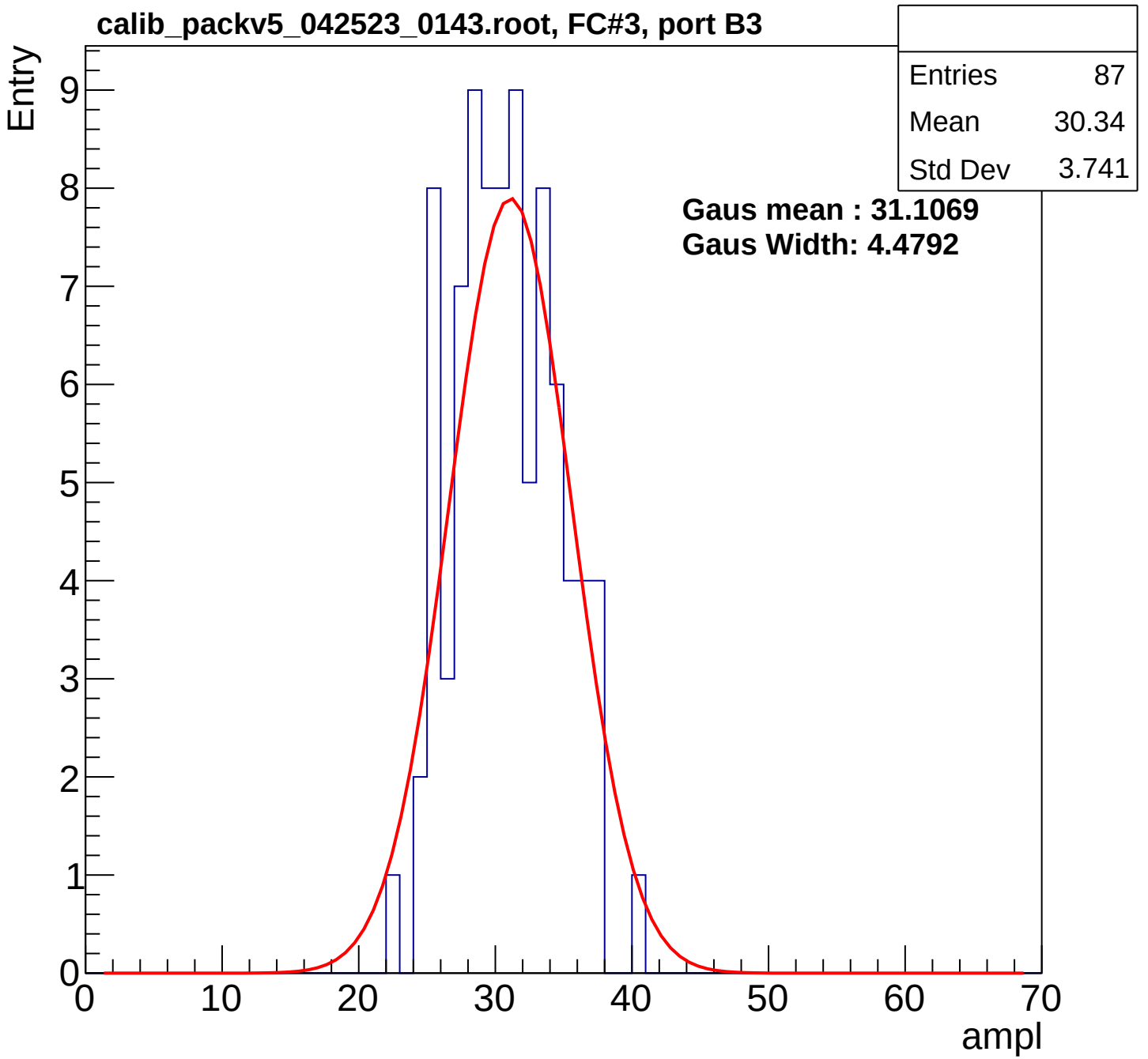

B1L000S, U21-ch114, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 46.69
Std Dev 3.355
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

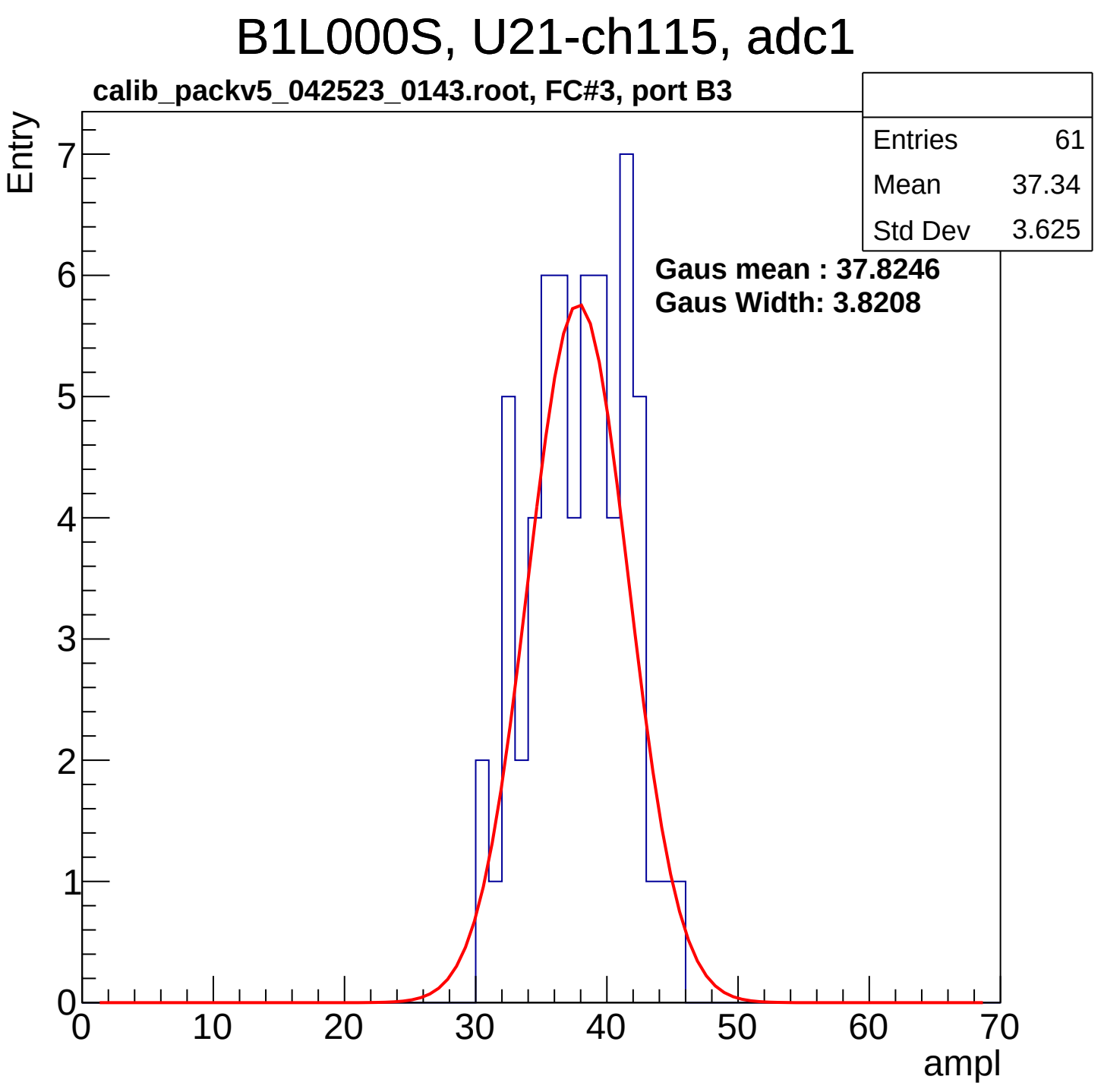

B1L000S, U21-ch114, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 52.16
Std Dev 2.936
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

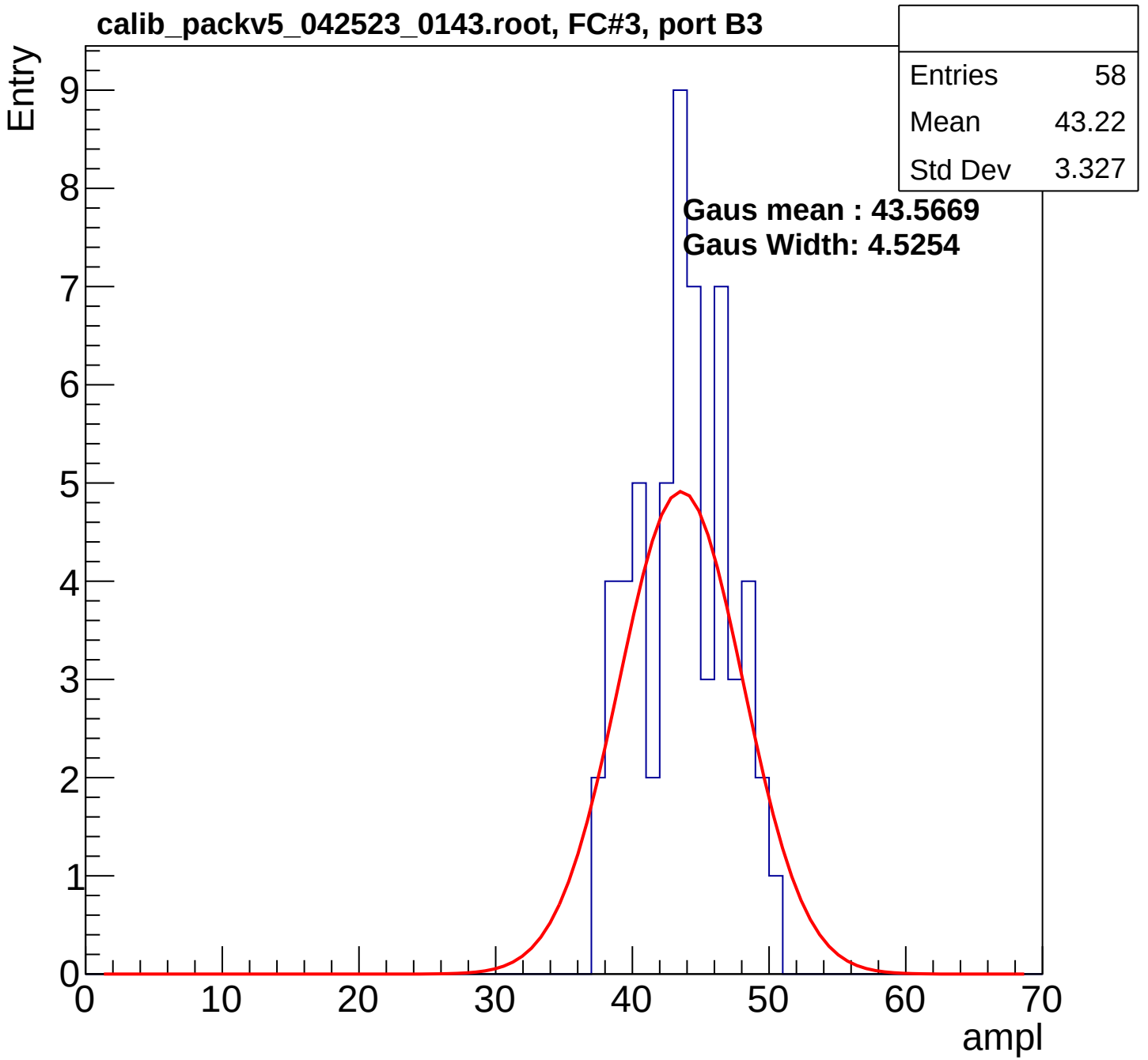

B1L000S, U21-ch114, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 57.4
Std Dev 7.568
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

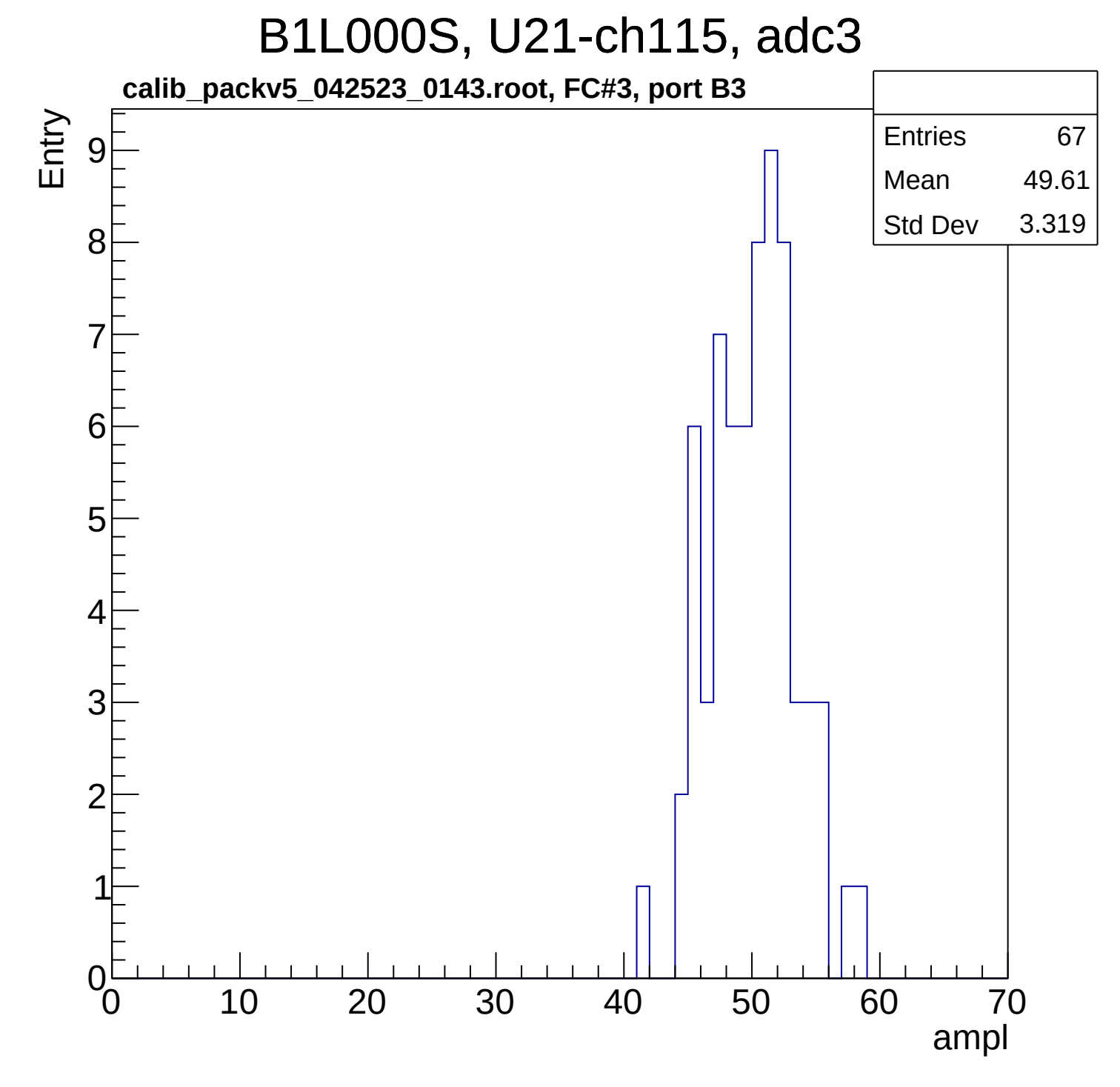

B1L000S, U21-ch114, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 19
Mean 60.95
Std Dev 1.932
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

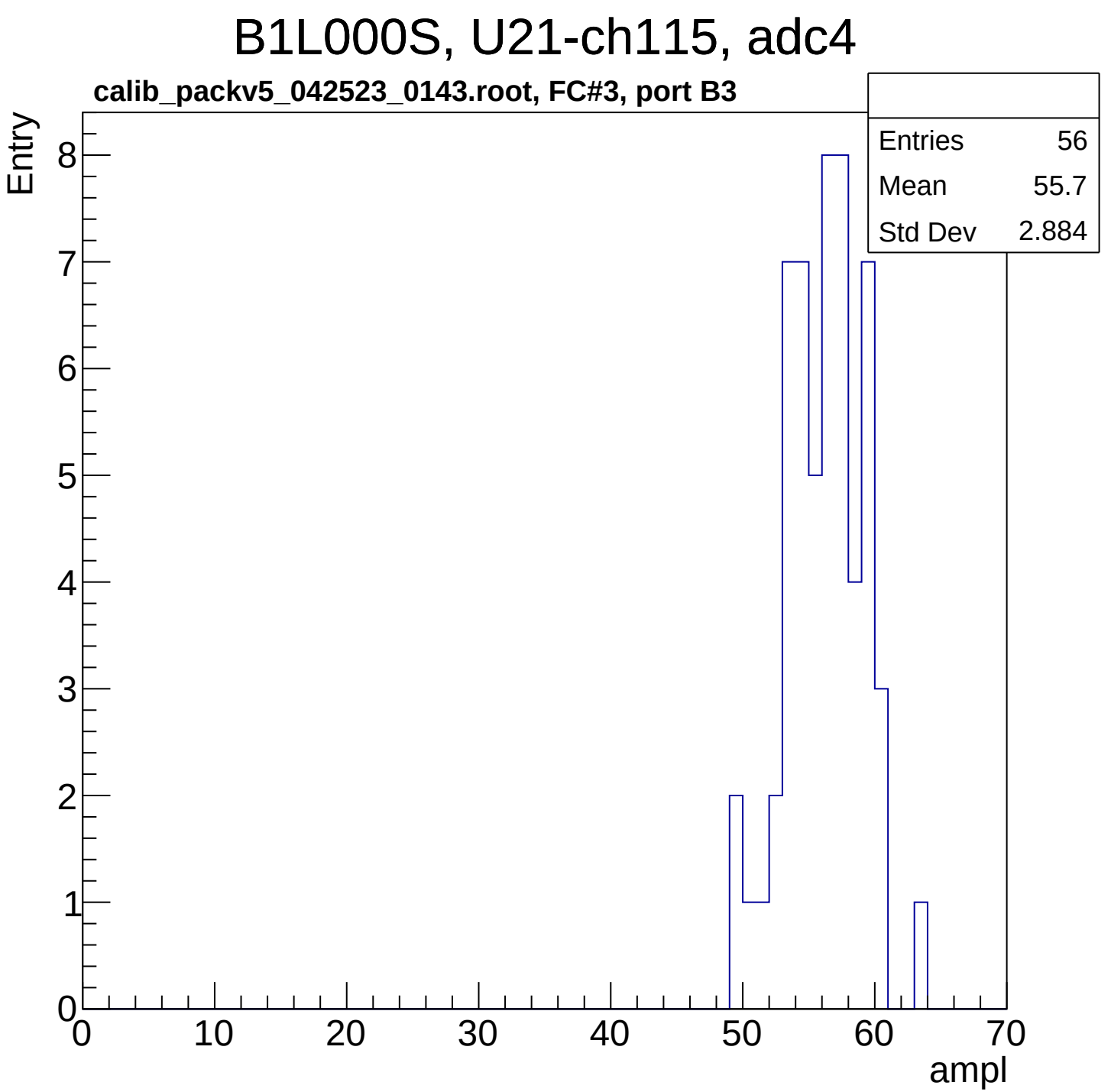

B1L000S, U21-ch114, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 20.67
Std Dev 29.23
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

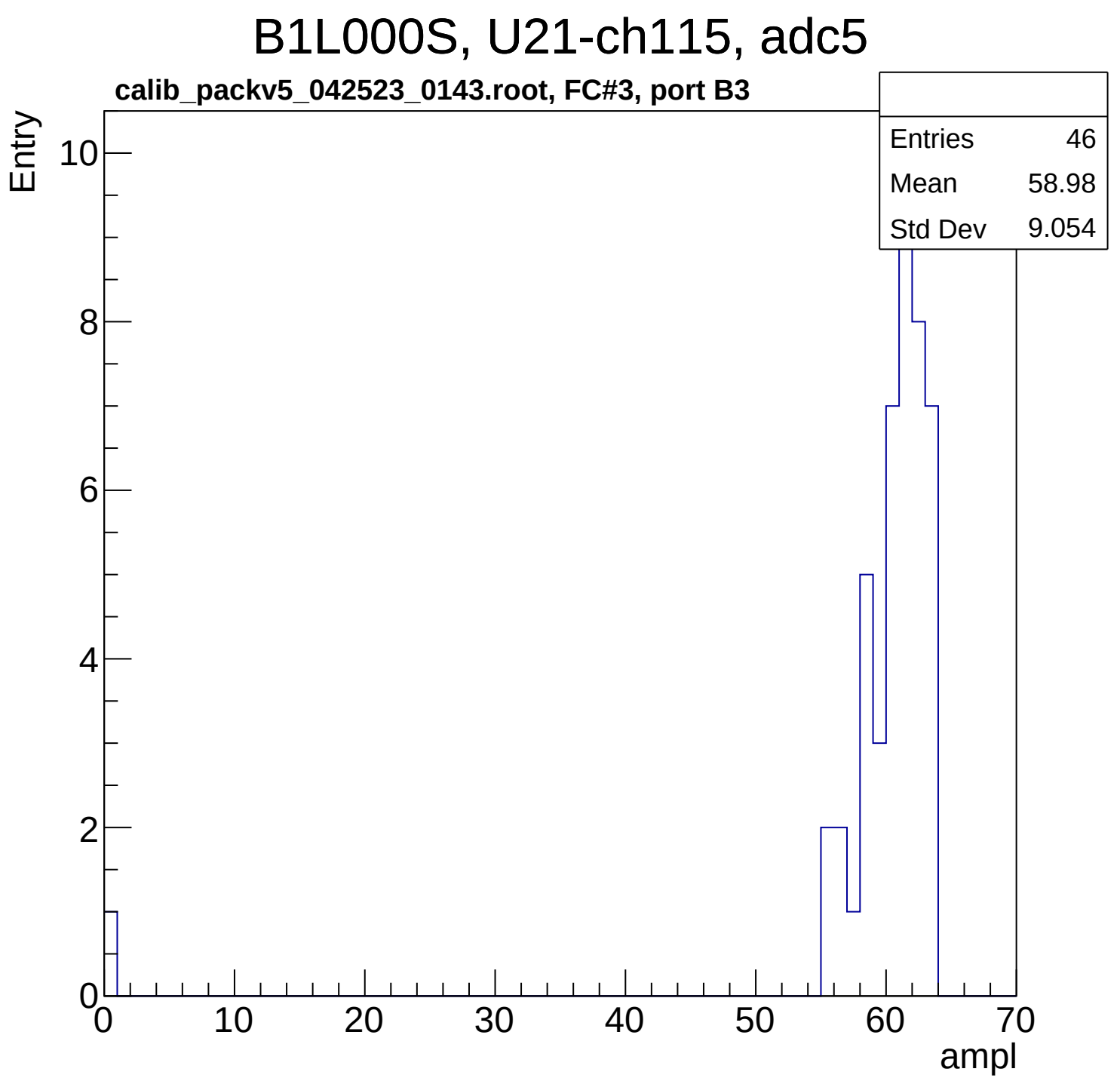

B1L000S, U21-ch115, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 87
Mean 30.34
Std Dev 3.741
Gaus mean : 31.1069
Gaus Width: 4.4792
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

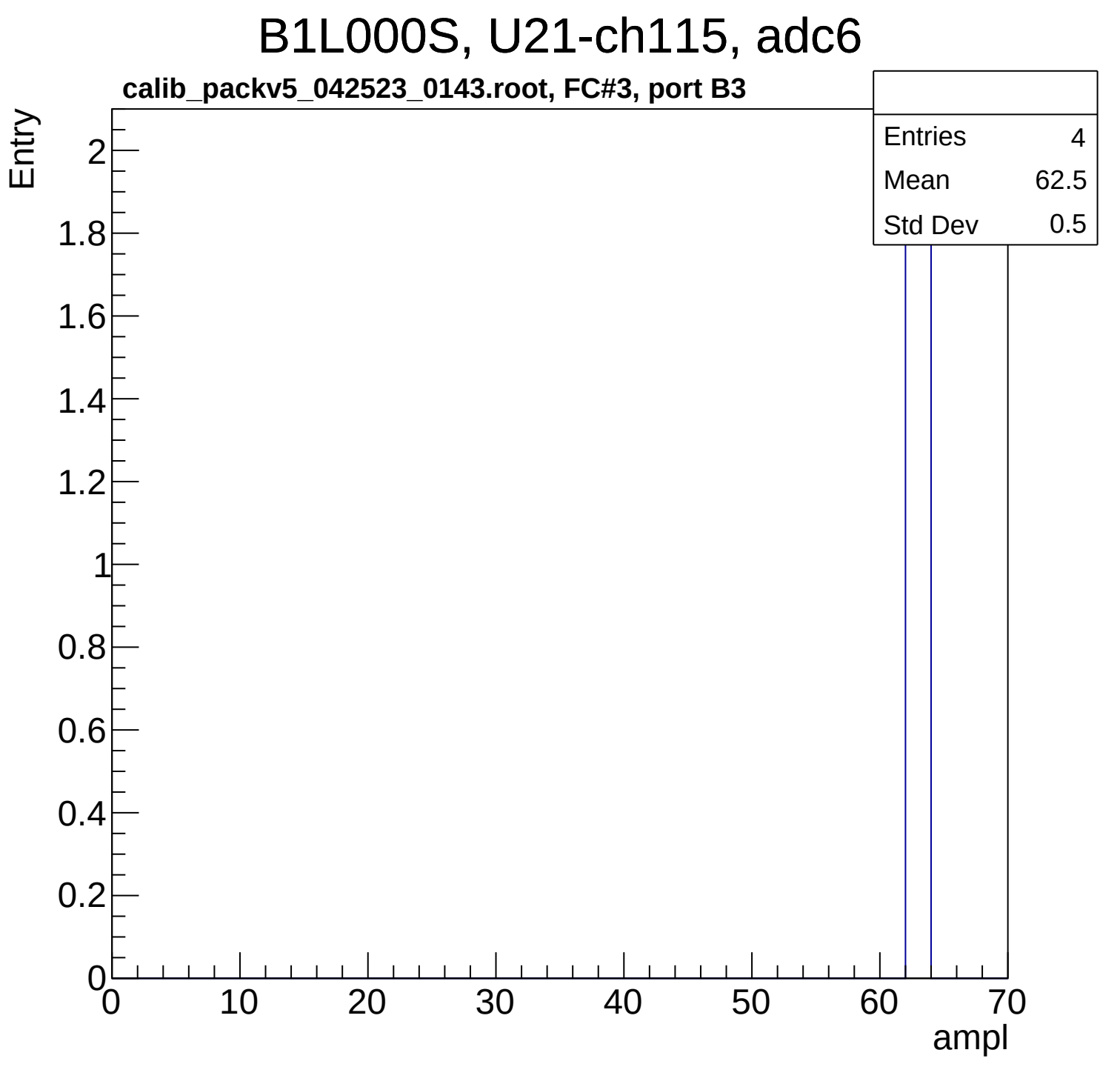

B1L000S, U21-ch115, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 37.34
Std Dev 3.625
Gaus mean : 37.8246
Gaus Width: 3.8208
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

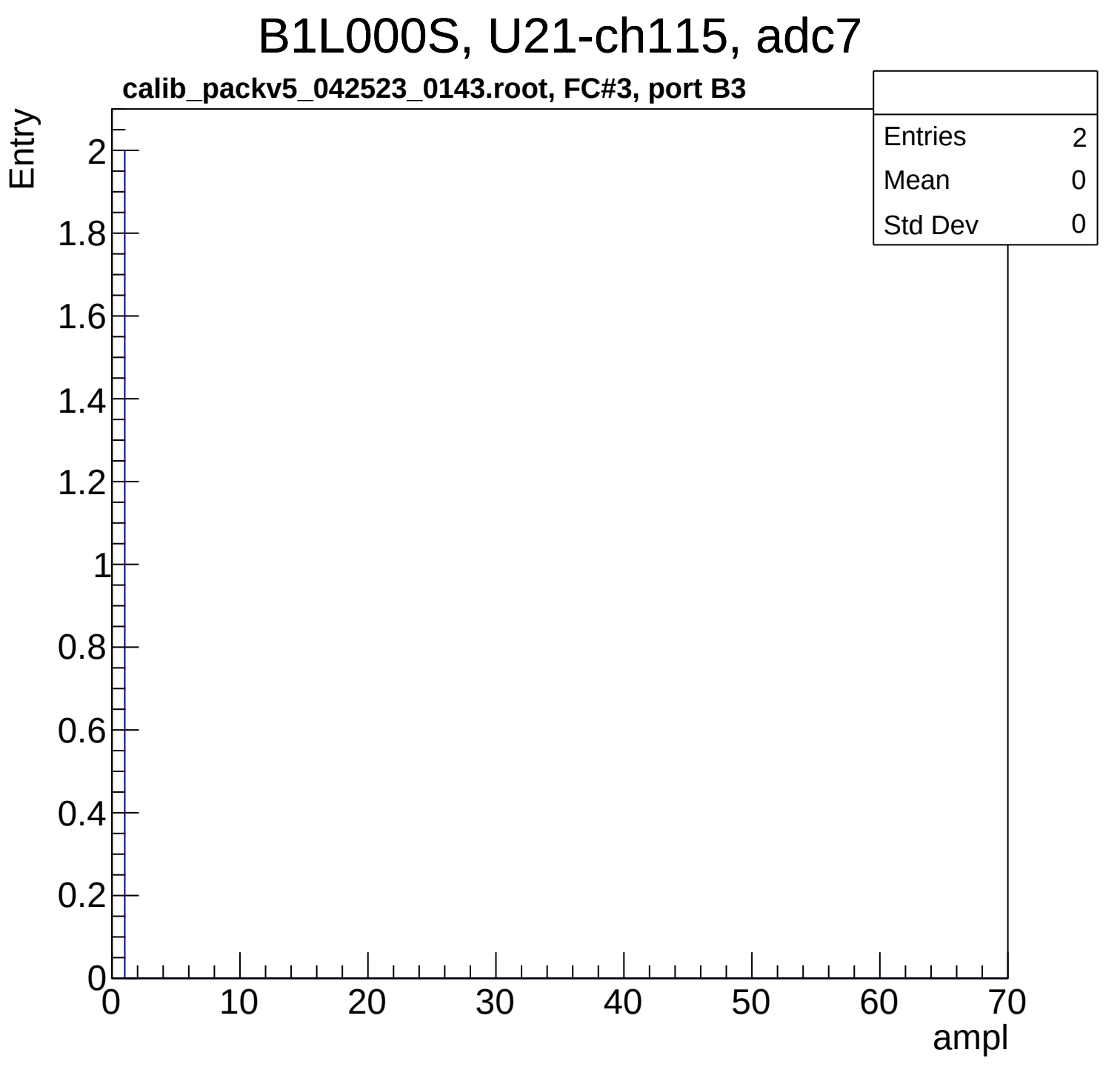

B1L000S, U21-ch115, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 43.22
Std Dev 3.327
Gaus mean : 43.5669
Gaus Width: 4.5254
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

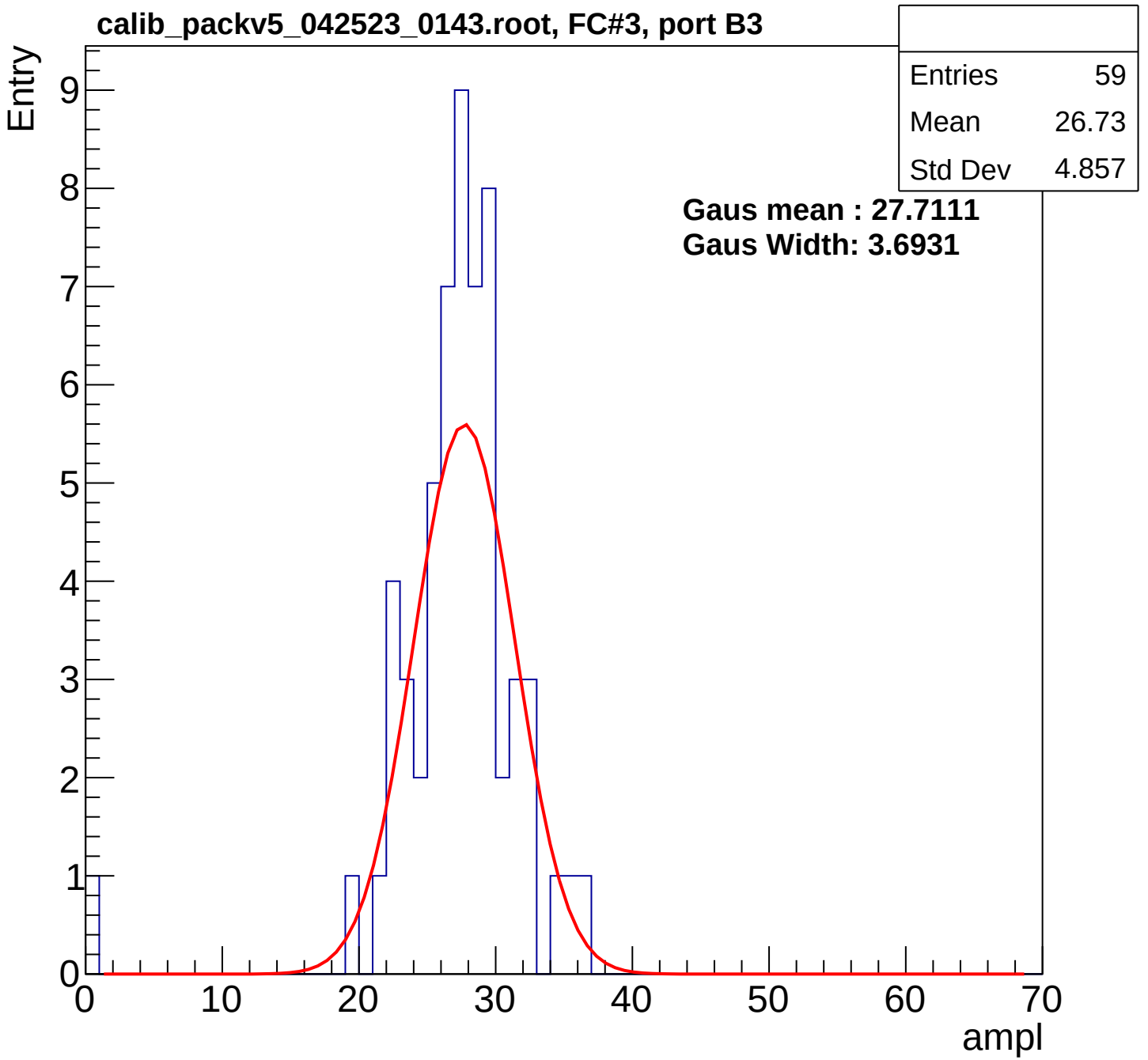

B1L000S, U21-ch115, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 49.61
Std Dev 3.319
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

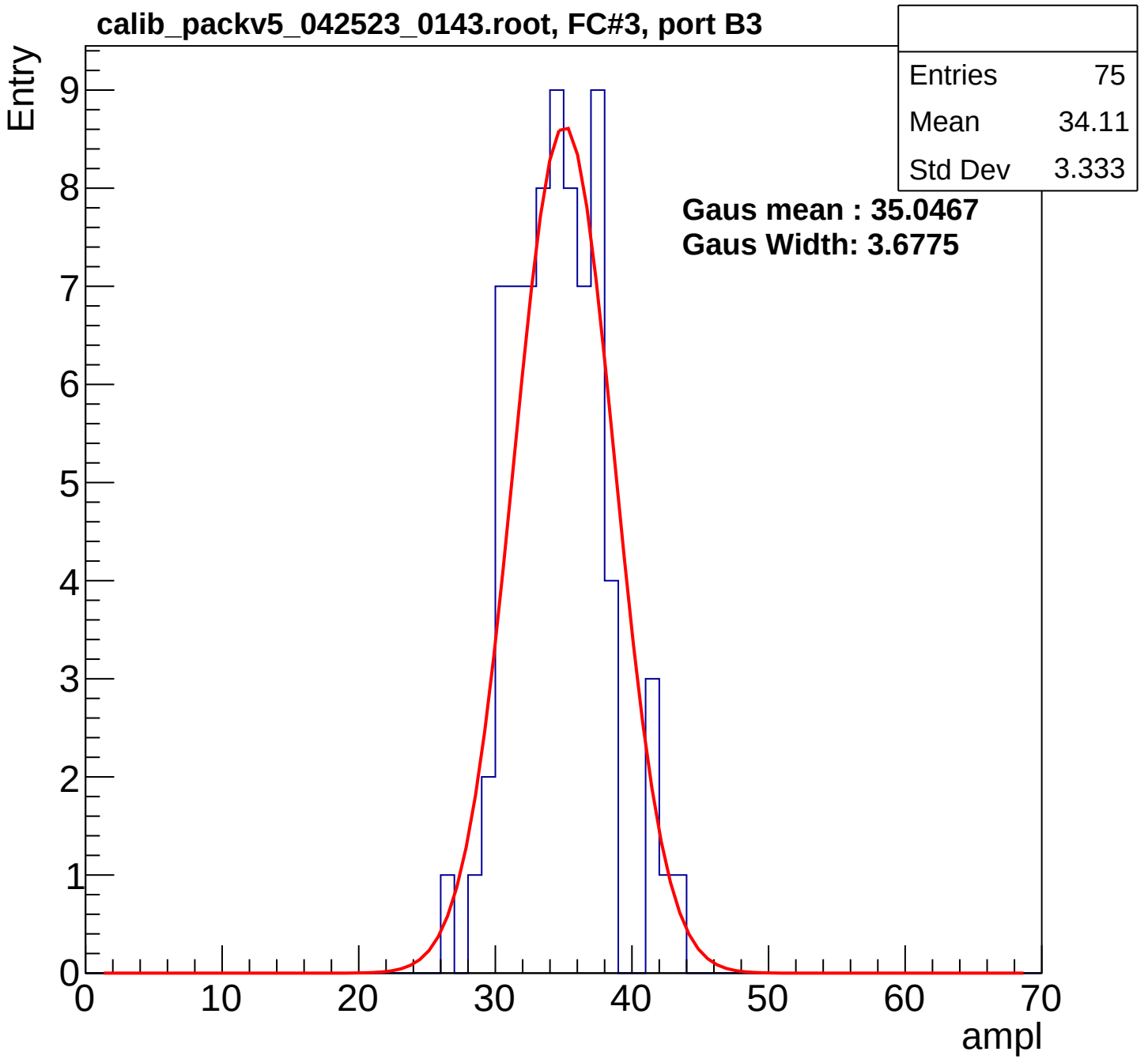

B1L000S, U21-ch115, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 55.7
Std Dev 2.884
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

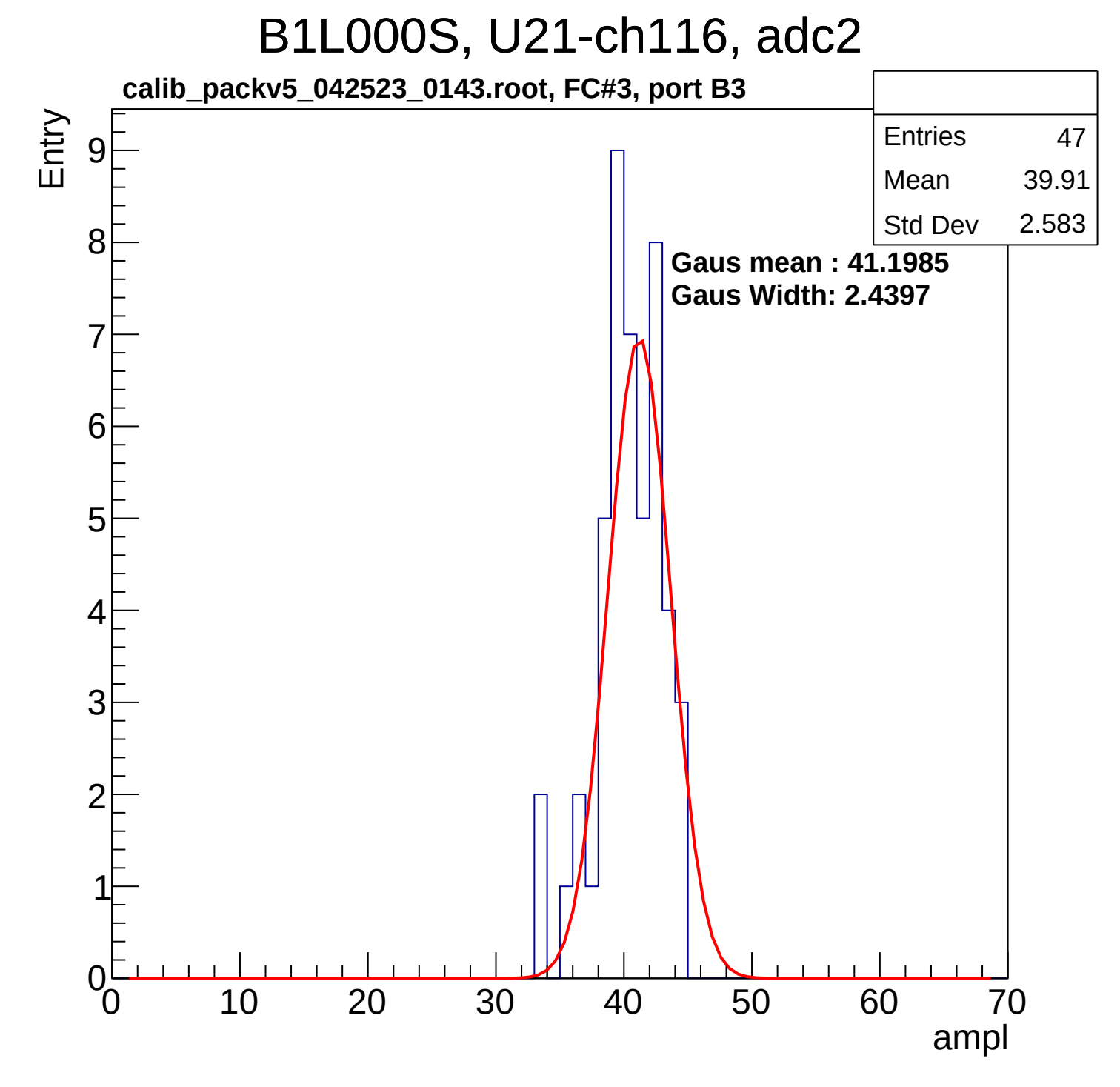

B1L000S, U21-ch115, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 58.98
Std Dev 9.054
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

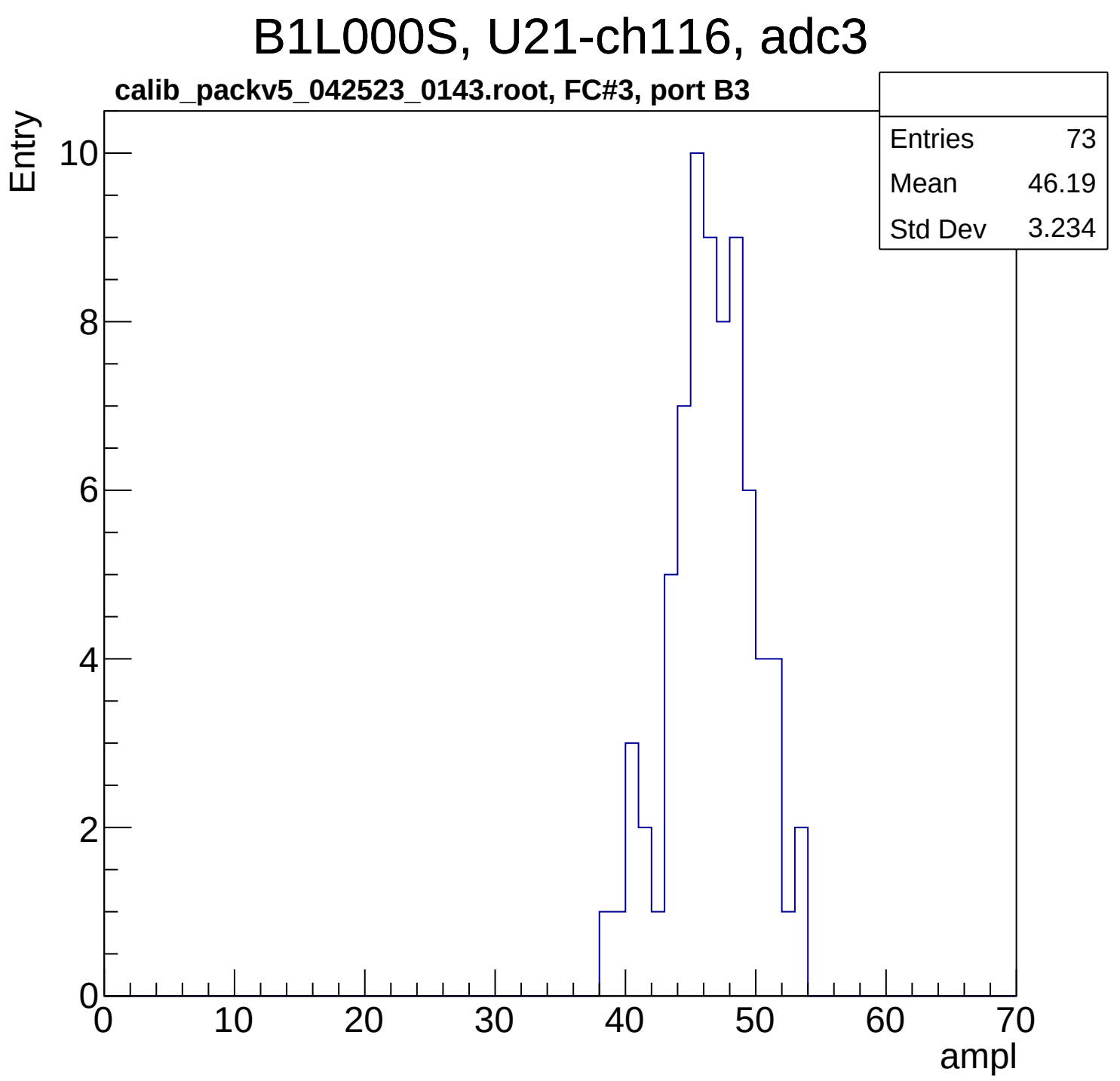

B1L000S, U21-ch115, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 62.5
Std Dev 0.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

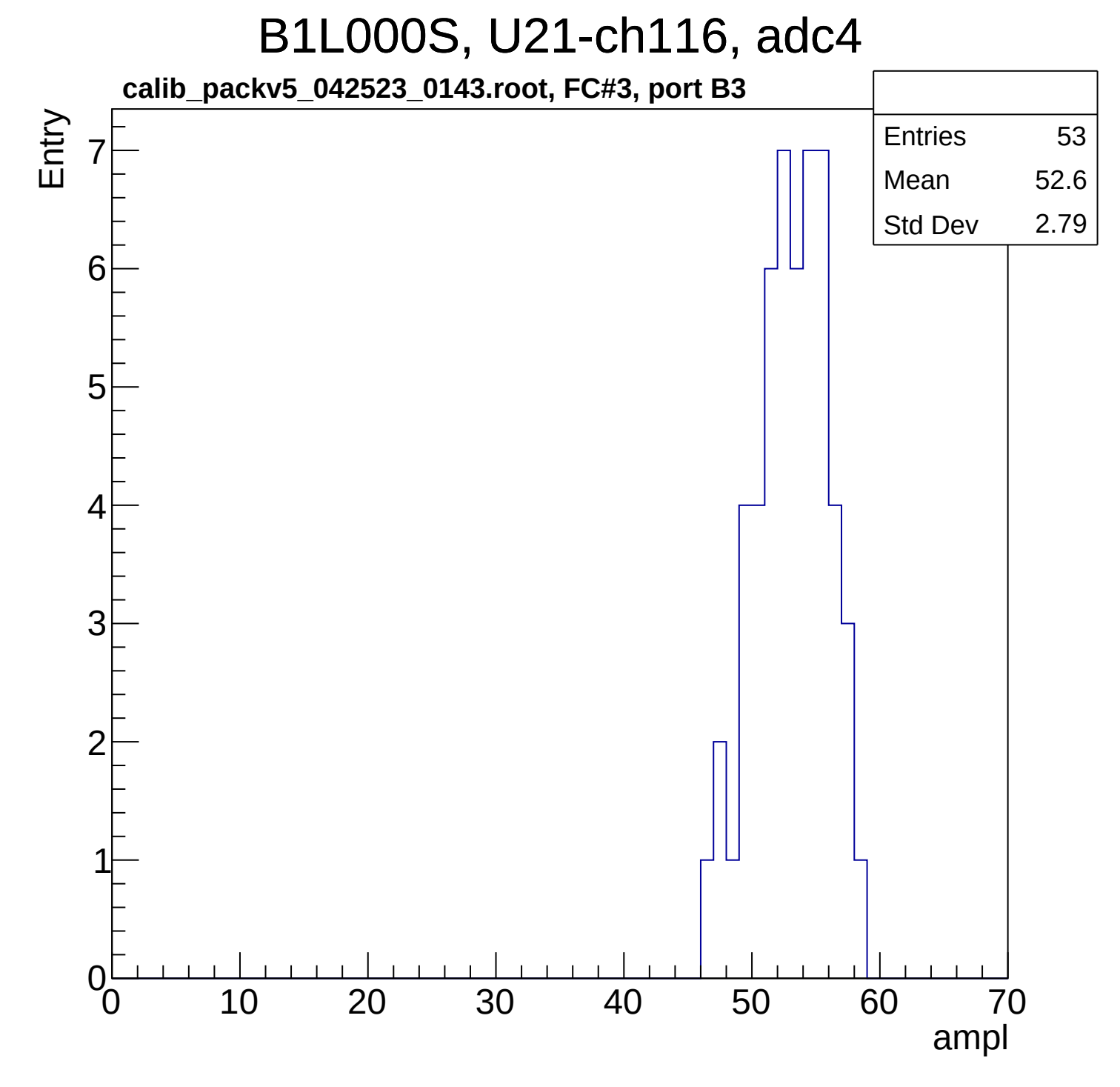

B1L000S, U21-ch115, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

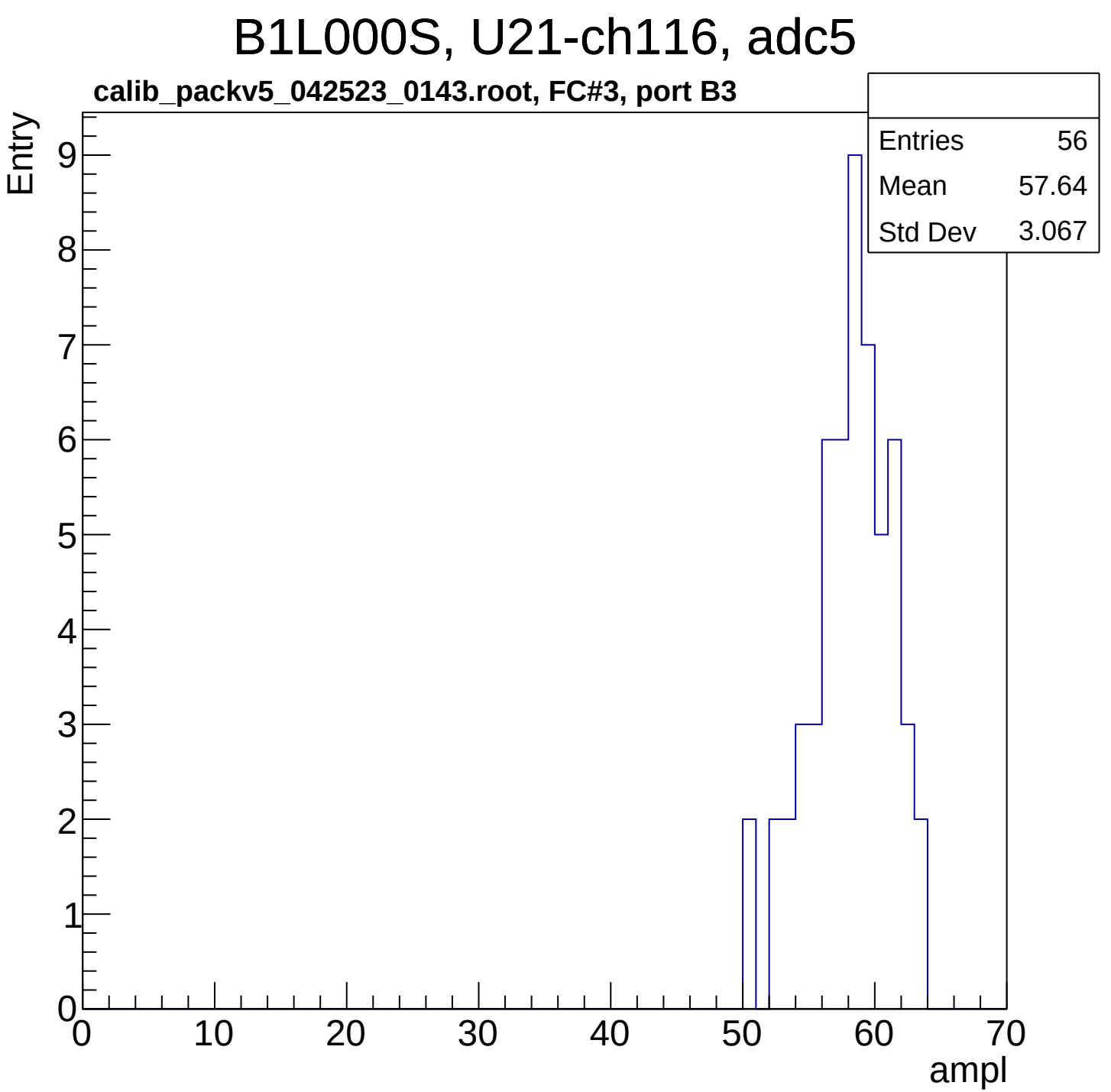

B1L000S, U21-ch116, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 26.73
Std Dev 4.857
Gaus mean : 27.7111
Gaus Width: 3.6931
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

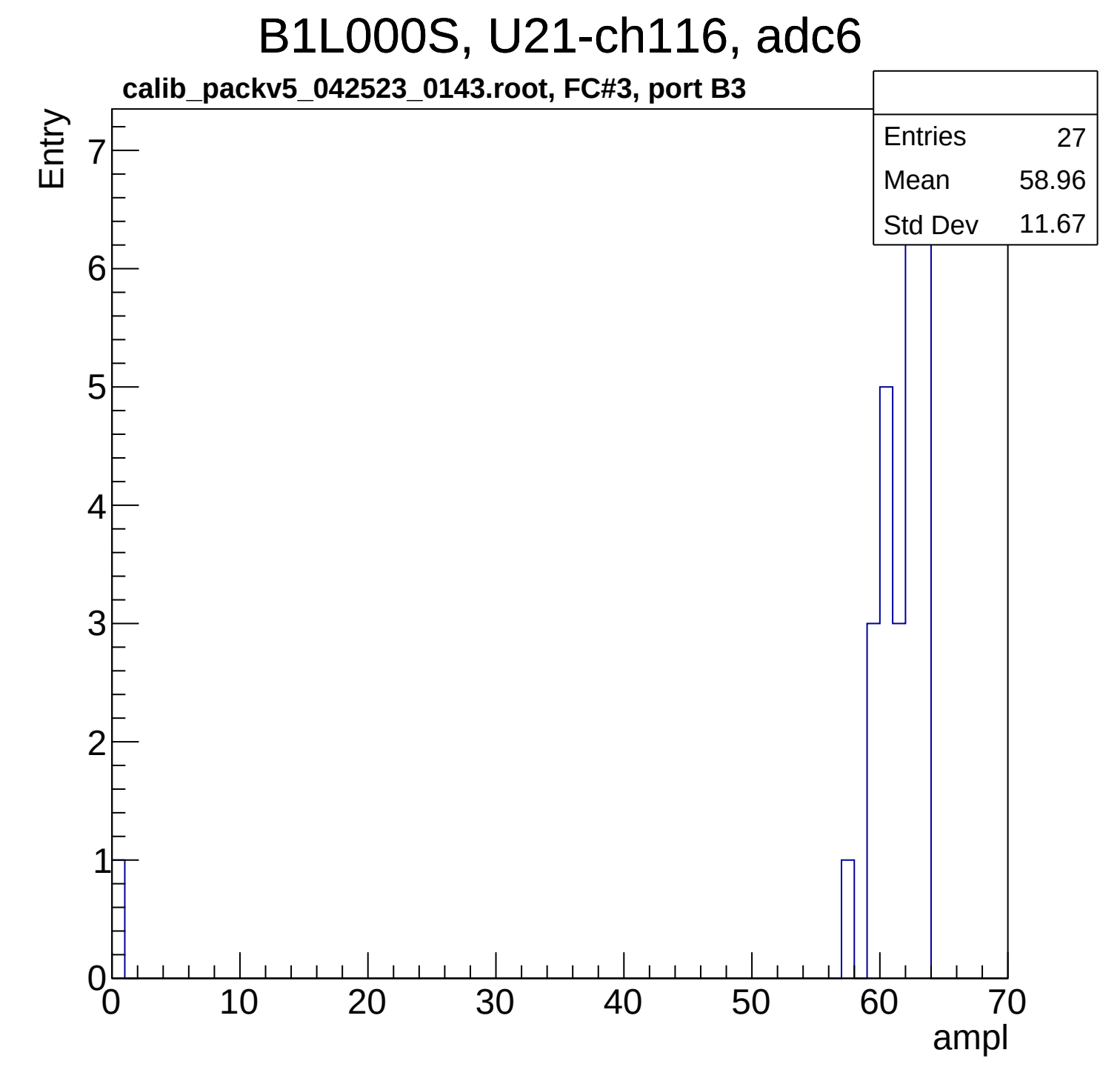

B1L000S, U21-ch116, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 34.11
Std Dev 3.333
Gaus mean : 35.0467
Gaus Width: 3.6775
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

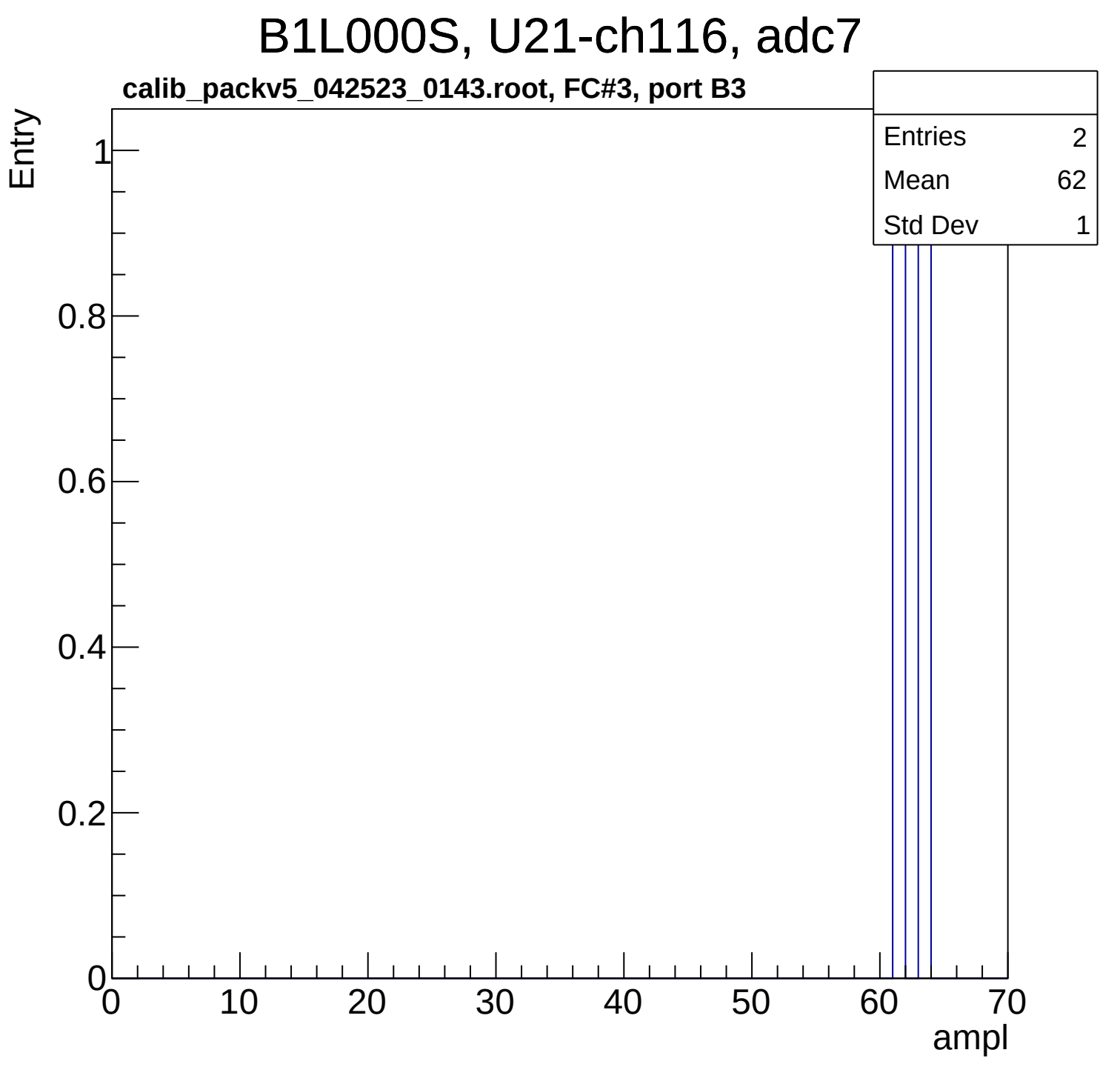

B1L000S, U21-ch116, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 39.91
Std Dev 2.583
Gaus mean : 41.1985
Gaus Width: 2.4397
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

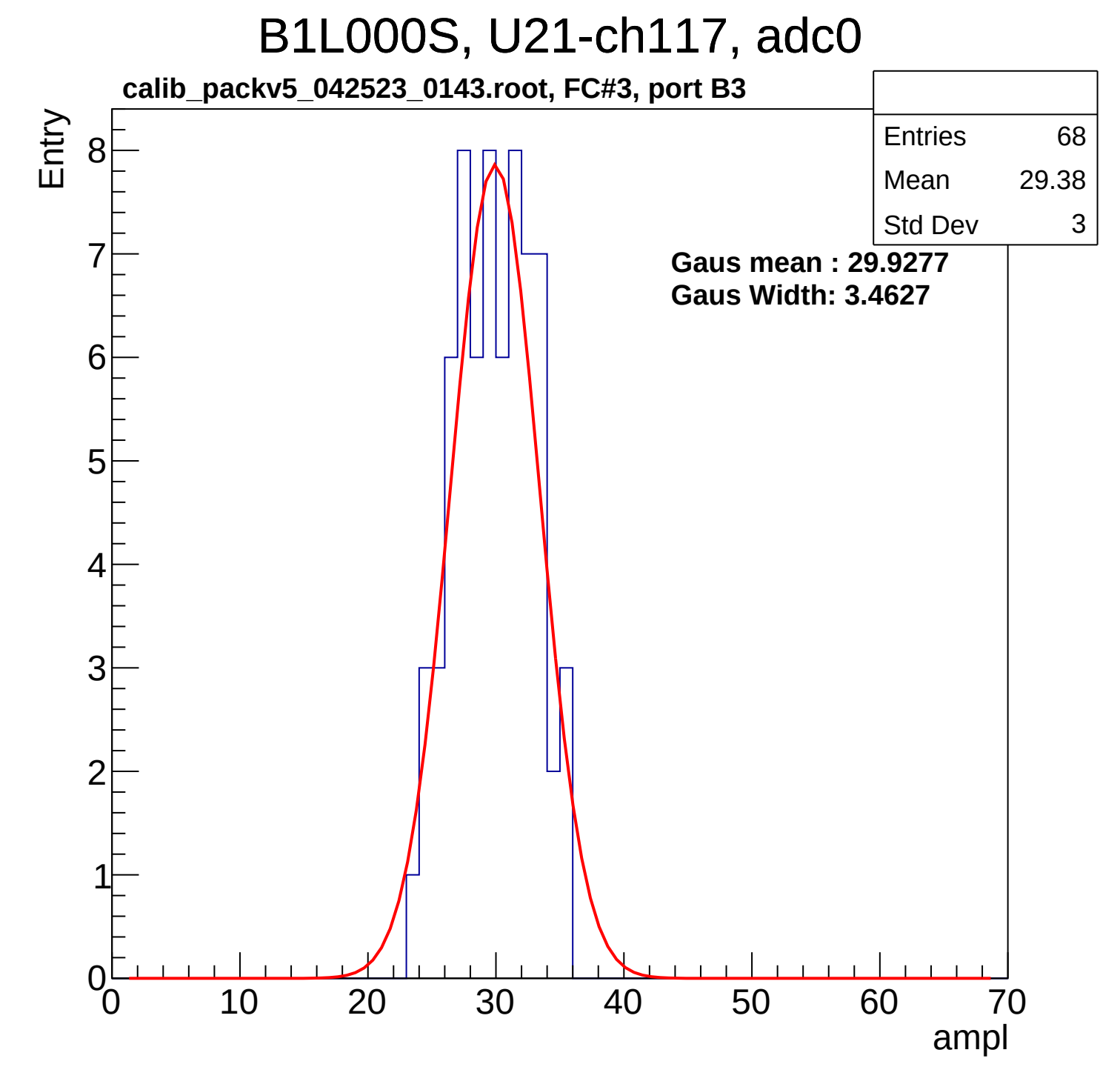

B1L000S, U21-ch116, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 46.19
Std Dev 3.234
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

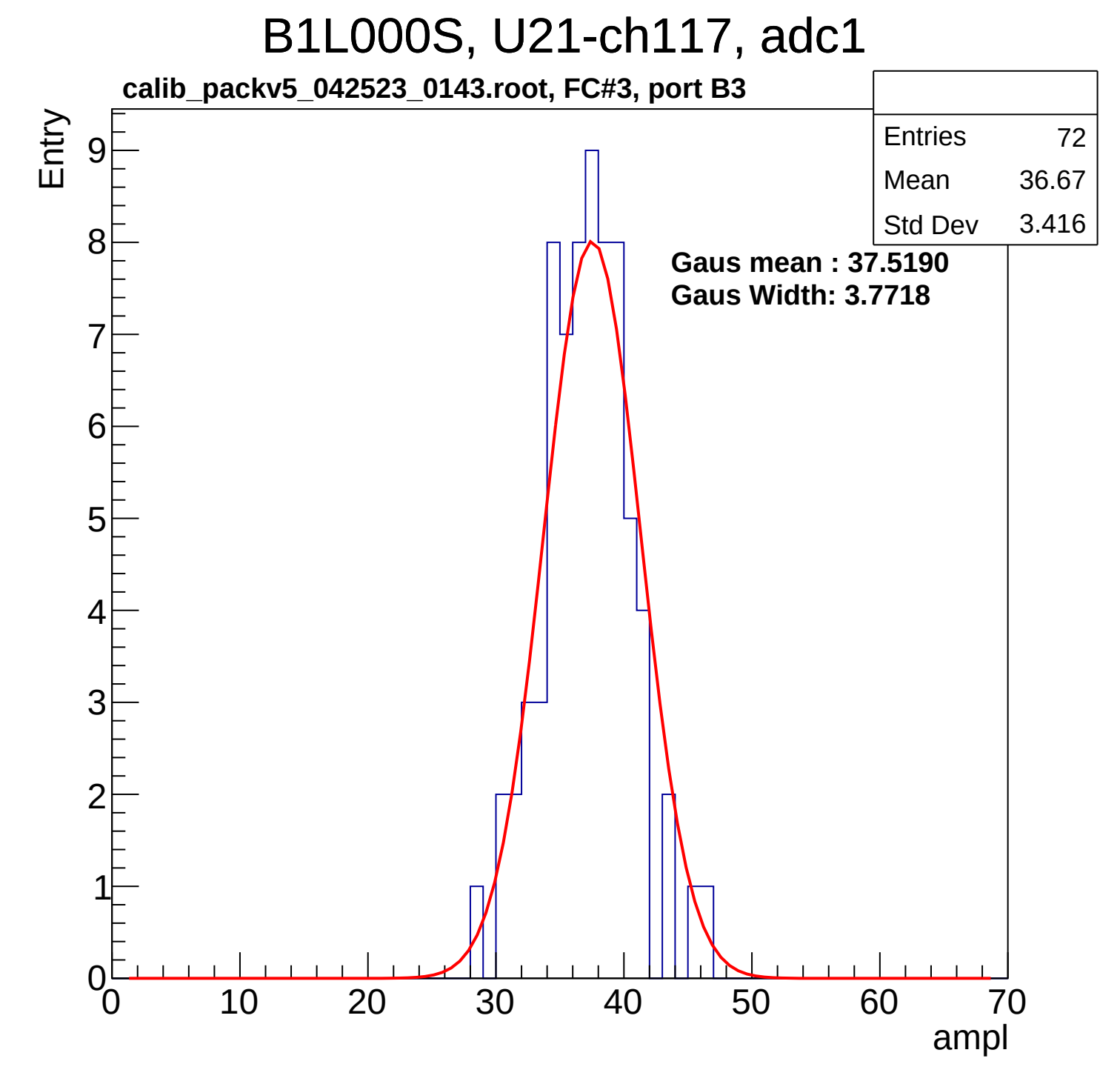

B1L000S, U21-ch116, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 52.6
Std Dev 2.79
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

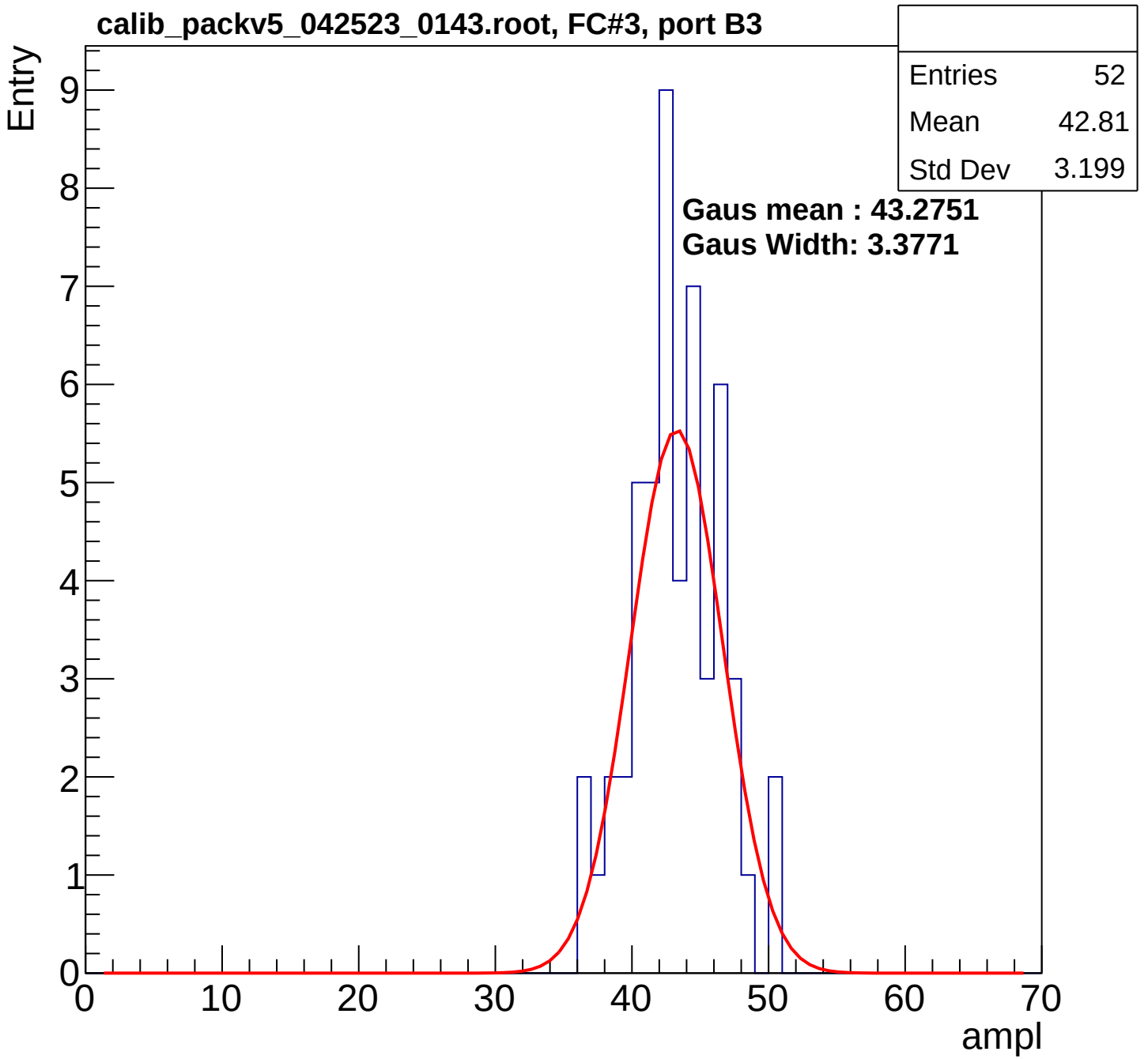

B1L000S, U21-ch116, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 57.64
Std Dev 3.067
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

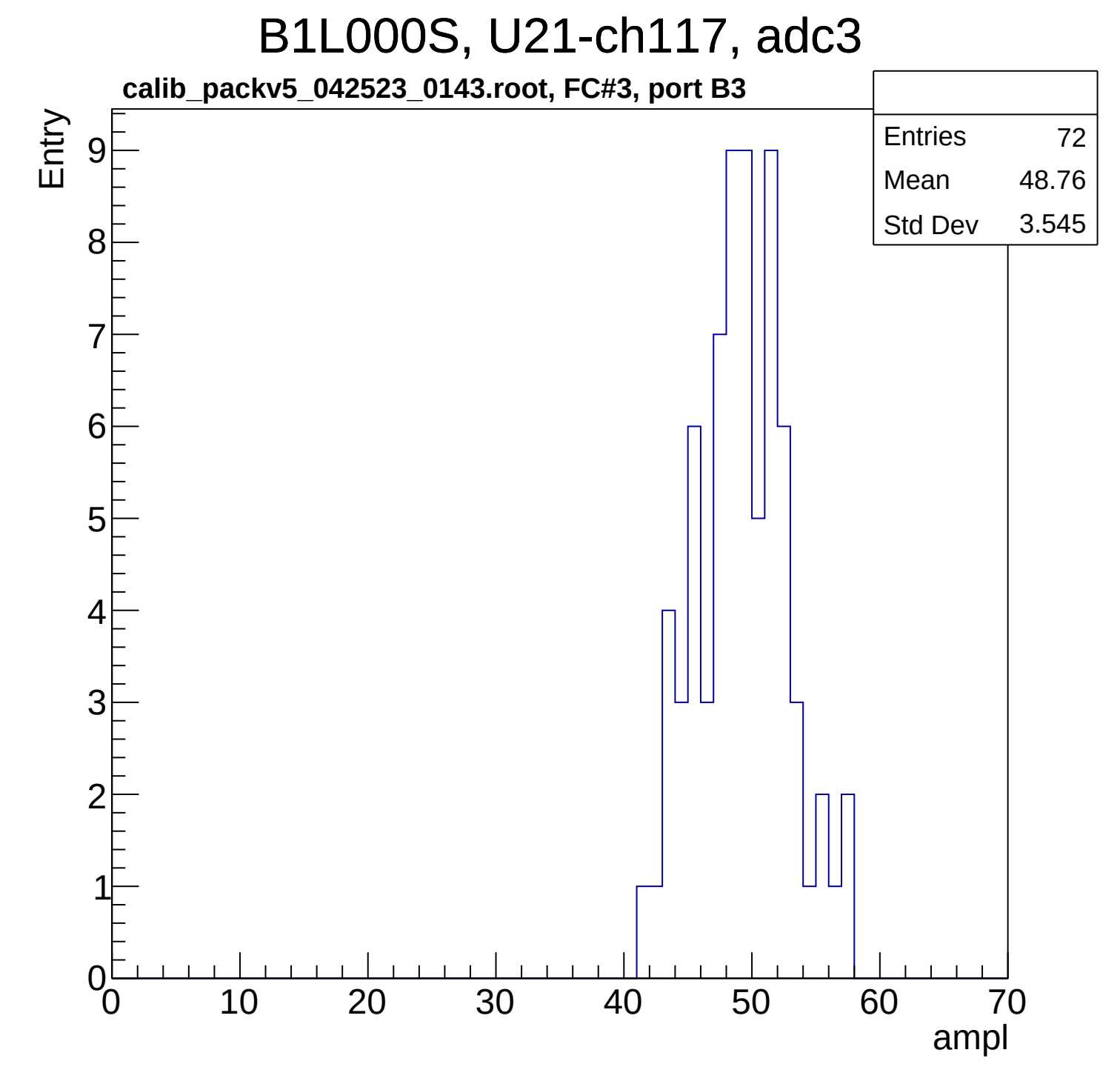

B1L000S, U21-ch116, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 27
Mean 58.96
Std Dev 11.67
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

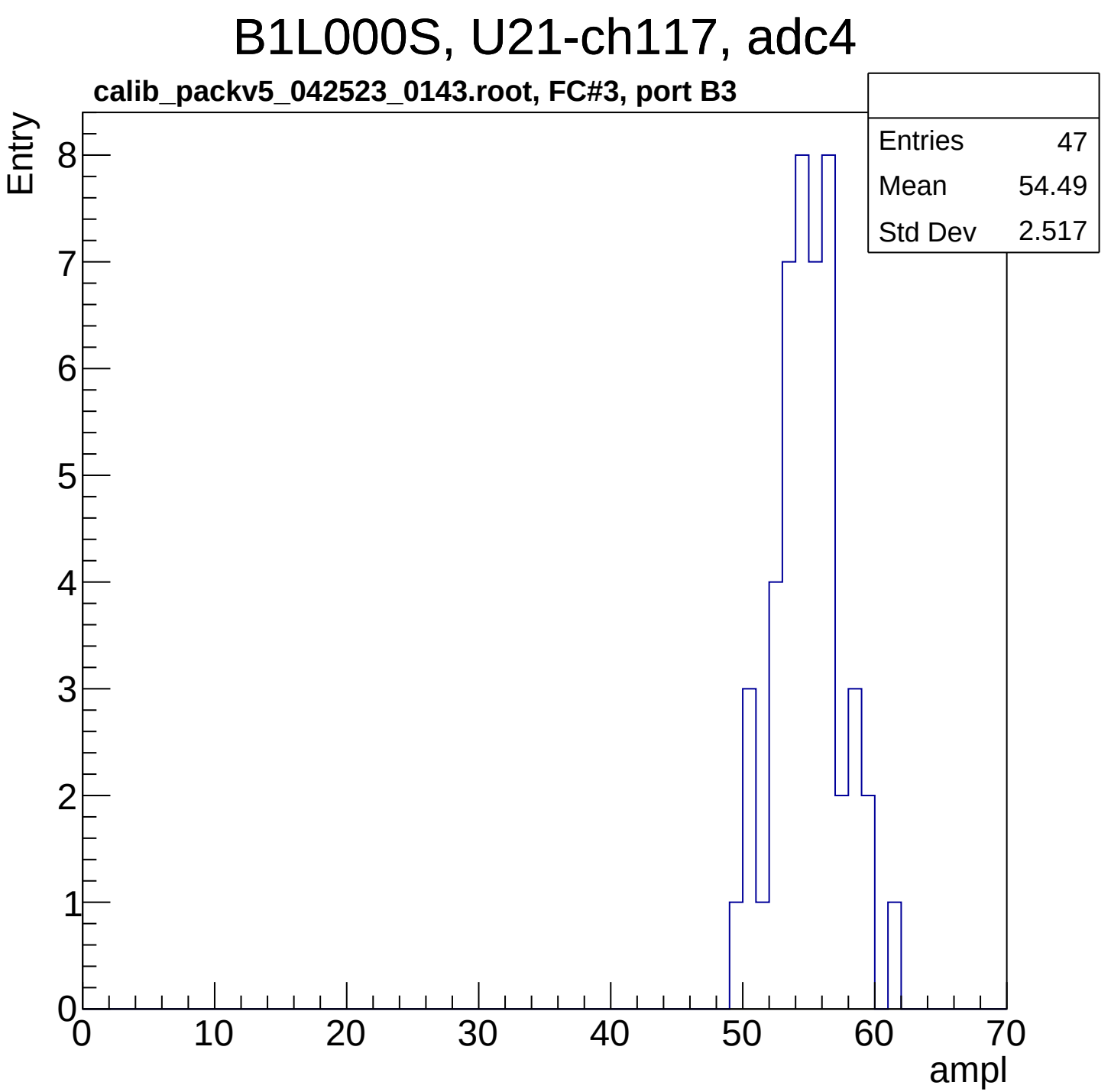

B1L000S, U21-ch116, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 62
Std Dev 1
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

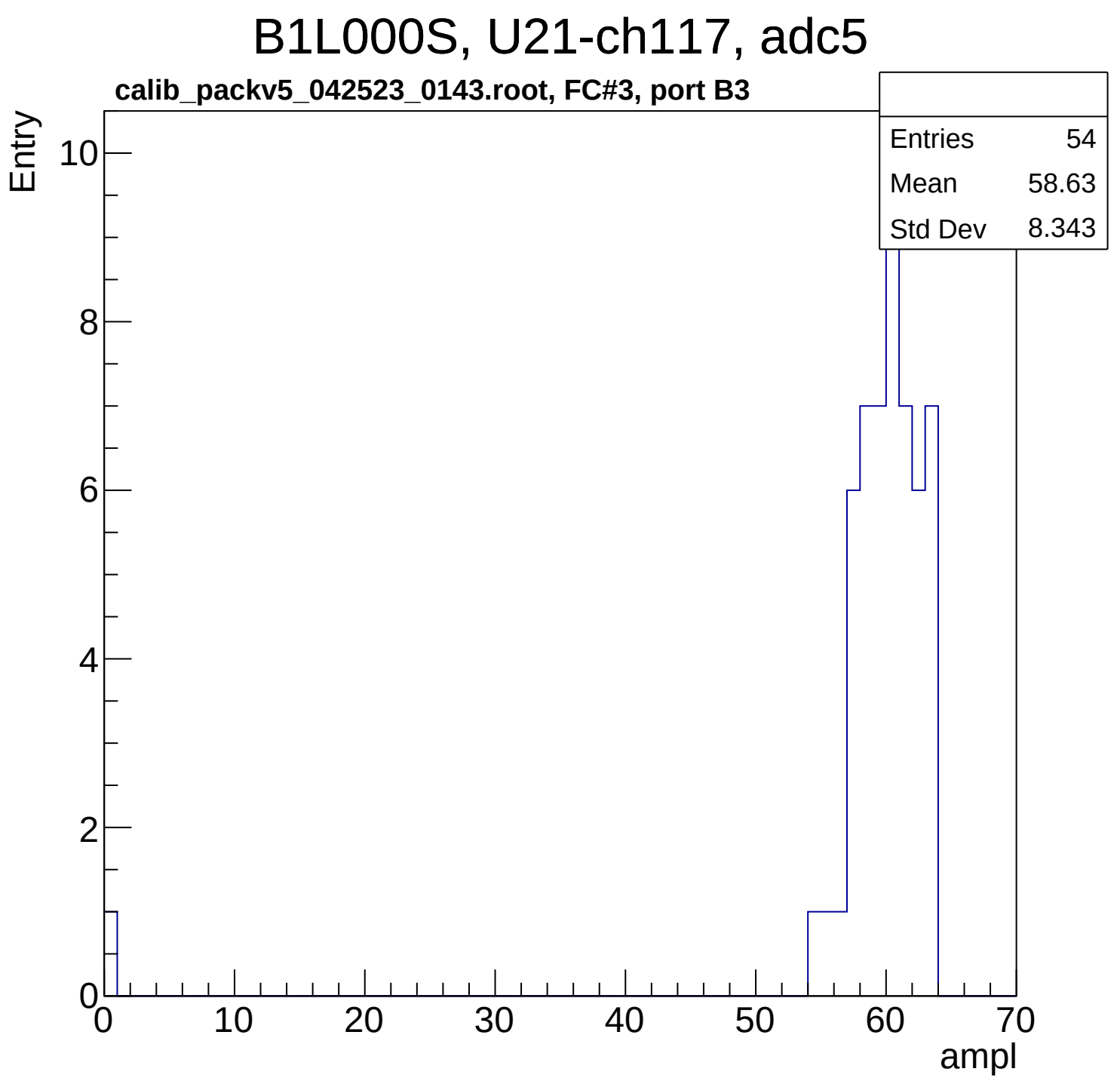

B1L000S, U21-ch117, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 29.38
Std Dev 3
Gaus mean : 29.9277
Gaus Width: 3.4627
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

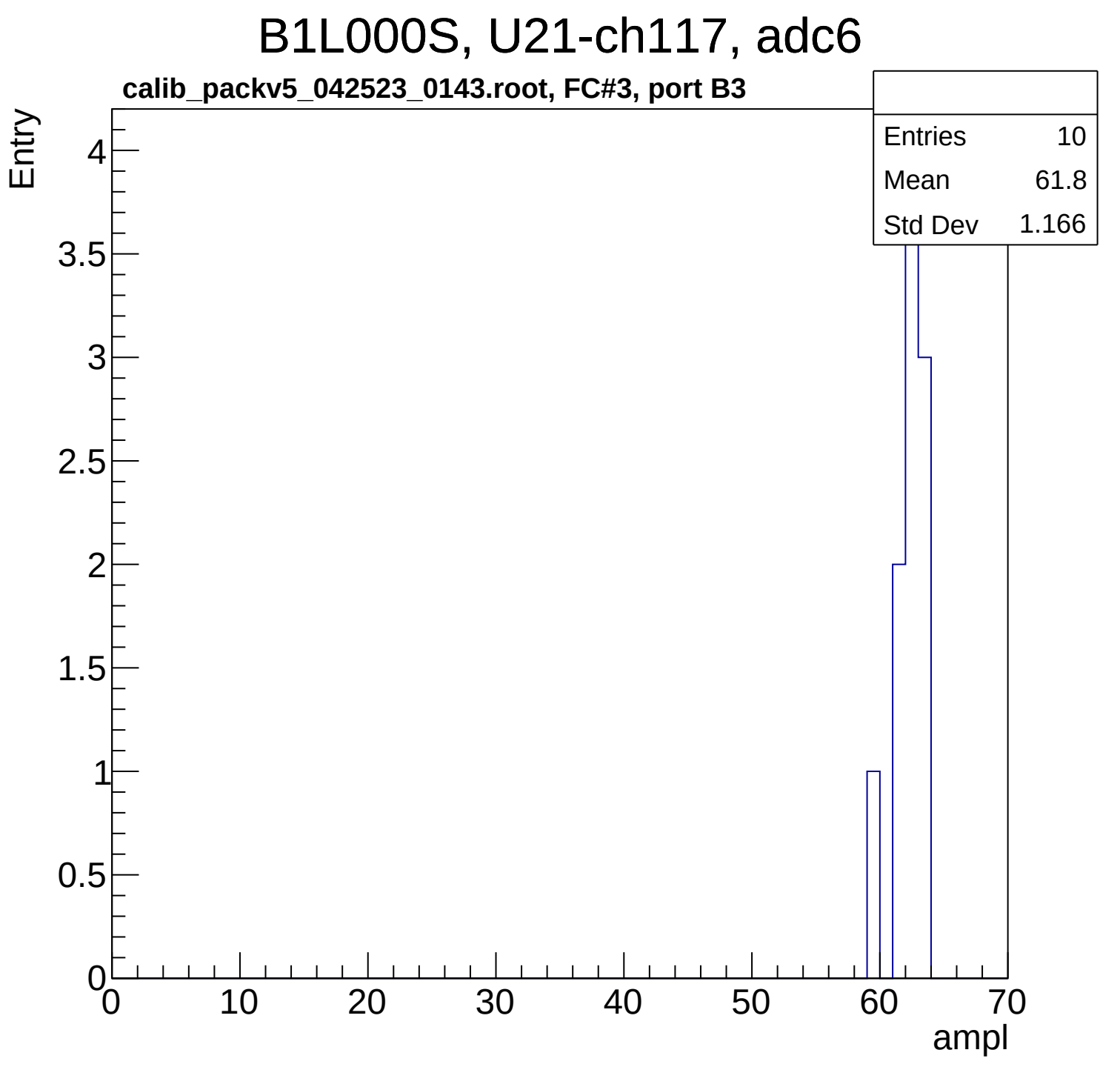

B1L000S, U21-ch117, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 36.67
Std Dev 3.416
Gaus mean : 37.5190
Gaus Width: 3.7718
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

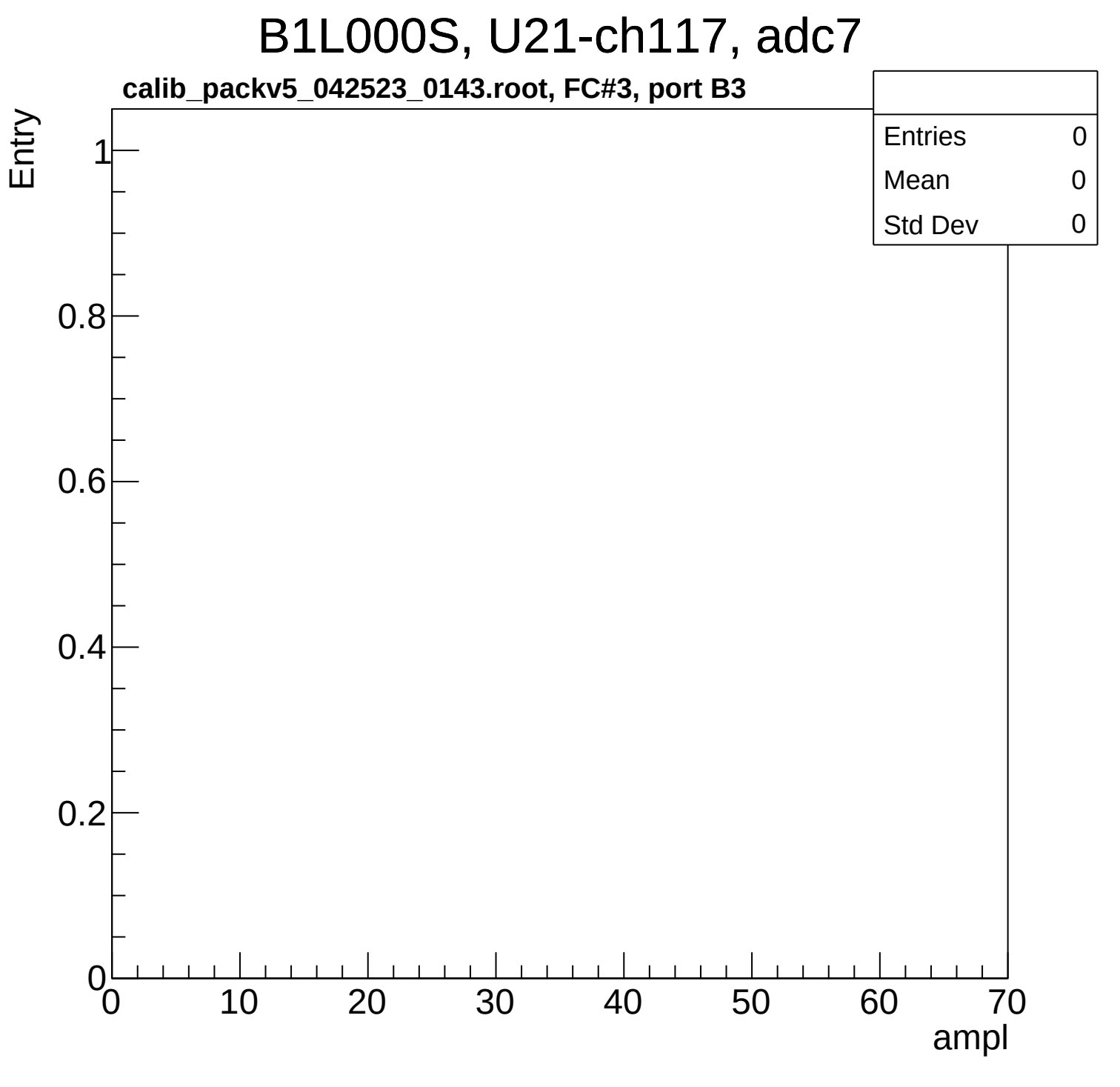

B1L000S, U21-ch117, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 42.81
Std Dev 3.199
Gaus mean : 43.2751
Gaus Width: 3.3771
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

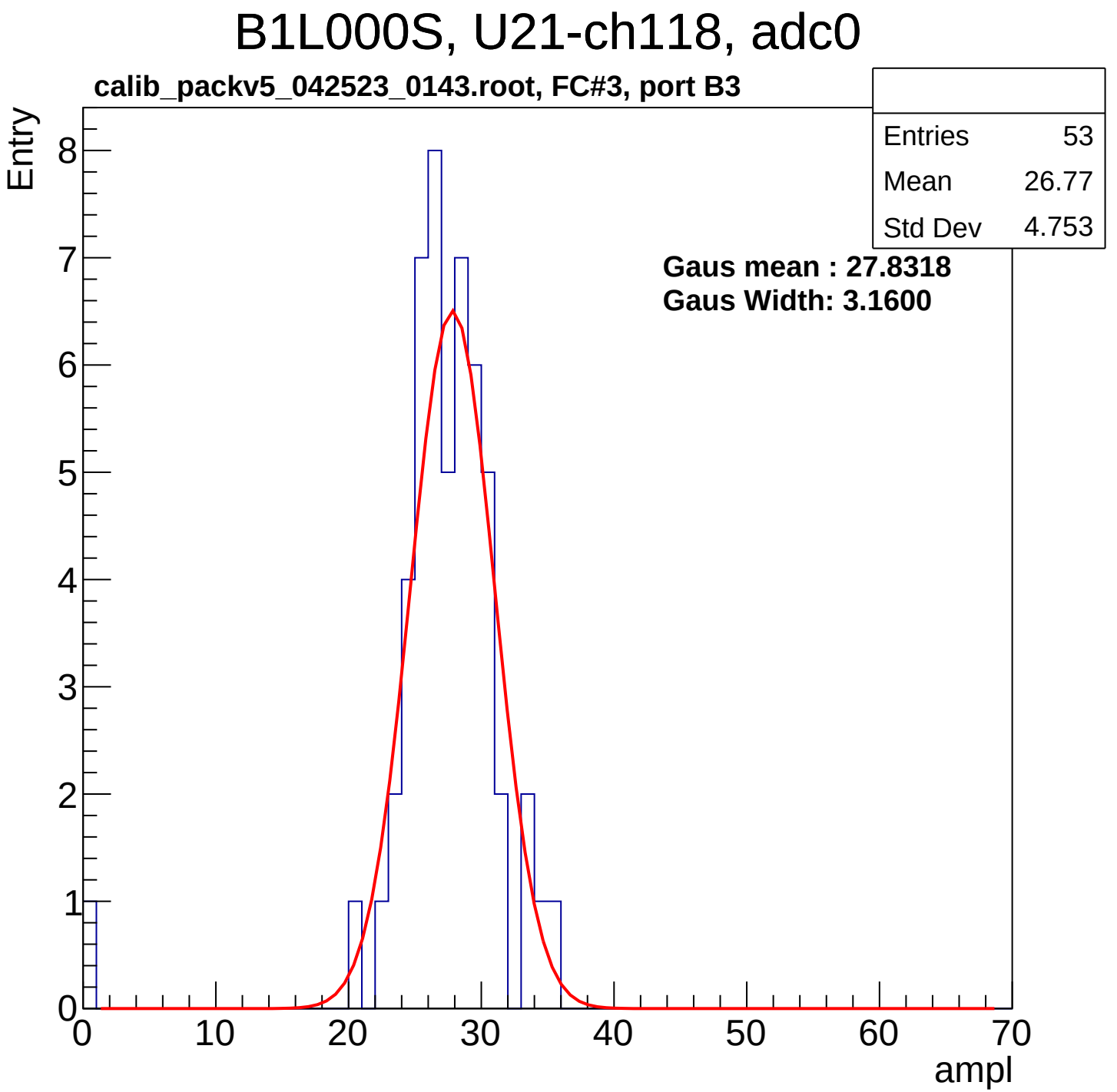

B1L000S, U21-ch117, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 48.76
Std Dev 3.545
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

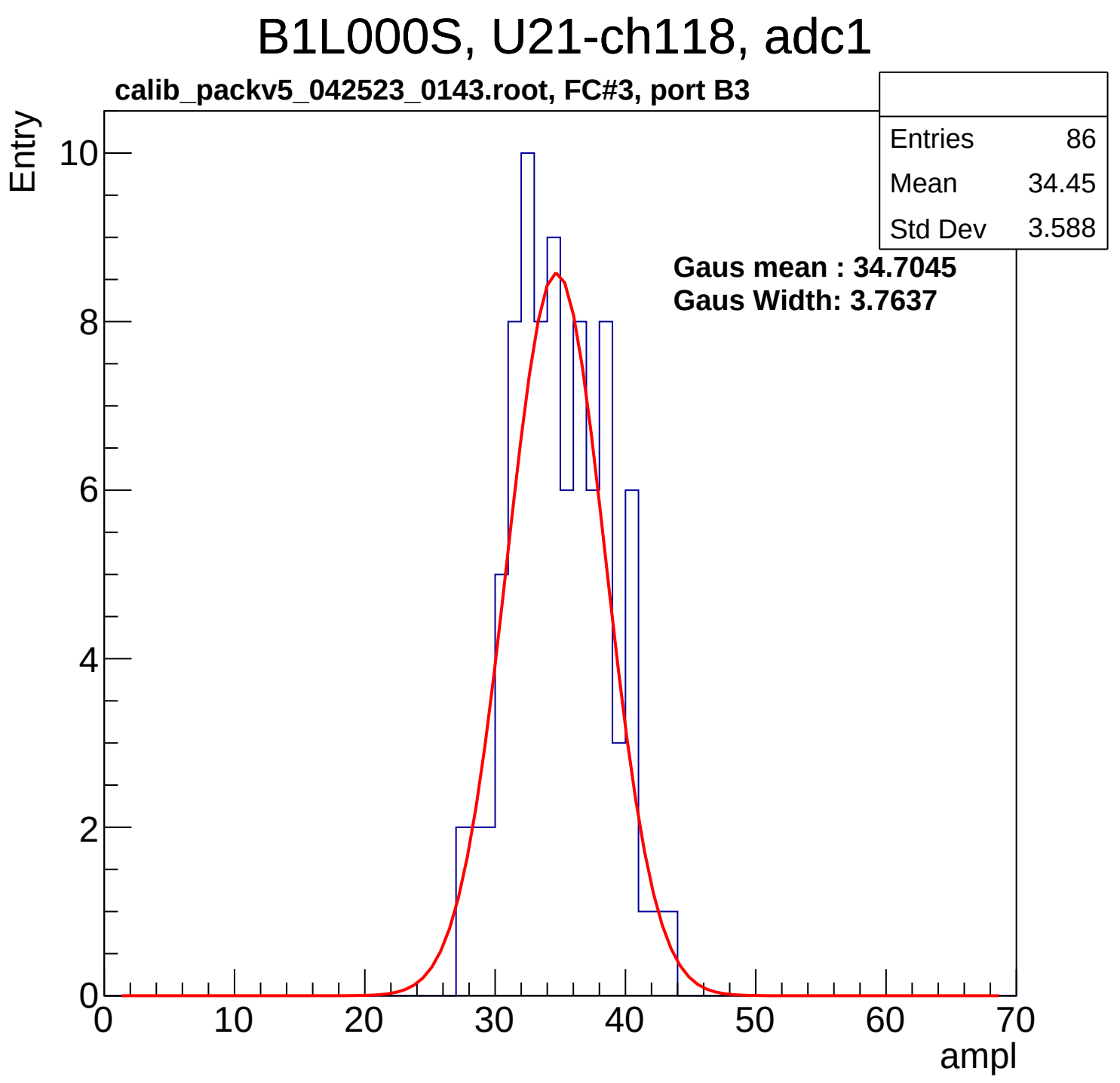

B1L000S, U21-ch117, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 54.49
Std Dev 2.517
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

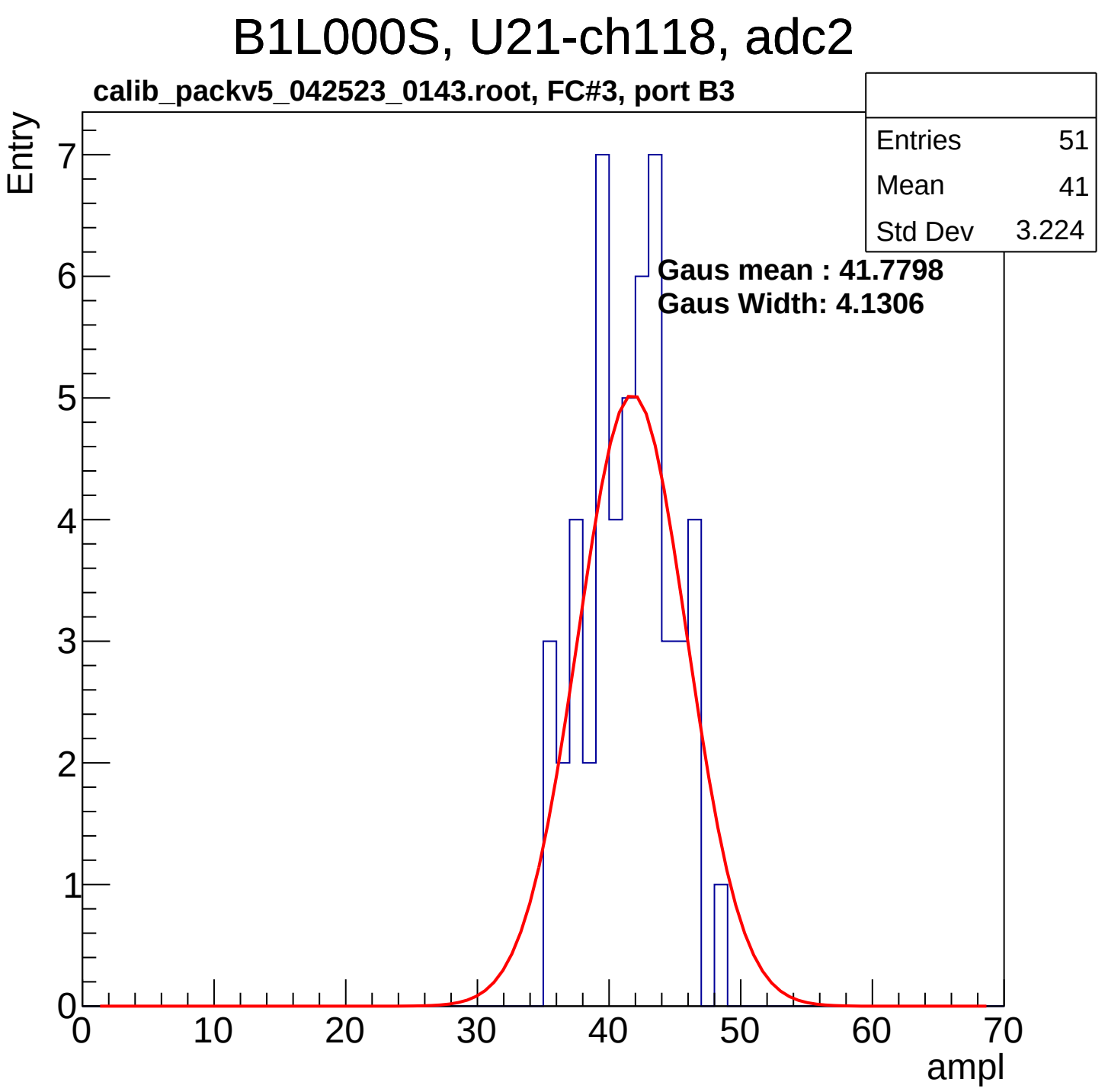

B1L000S, U21-ch117, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 58.63
Std Dev 8.343
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

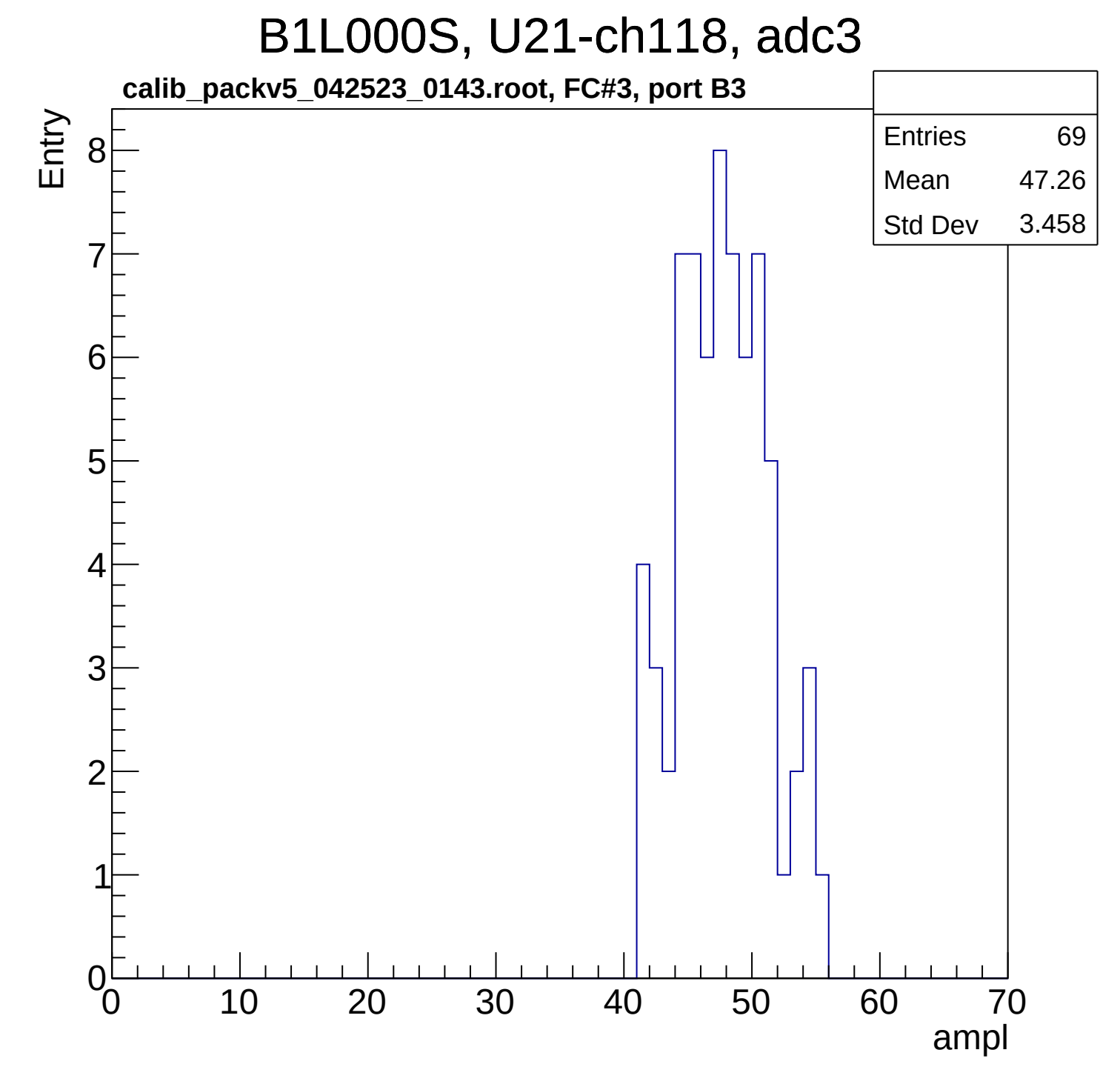

B1L000S, U21-ch117, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 10
Mean 61.8
Std Dev 1.166
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

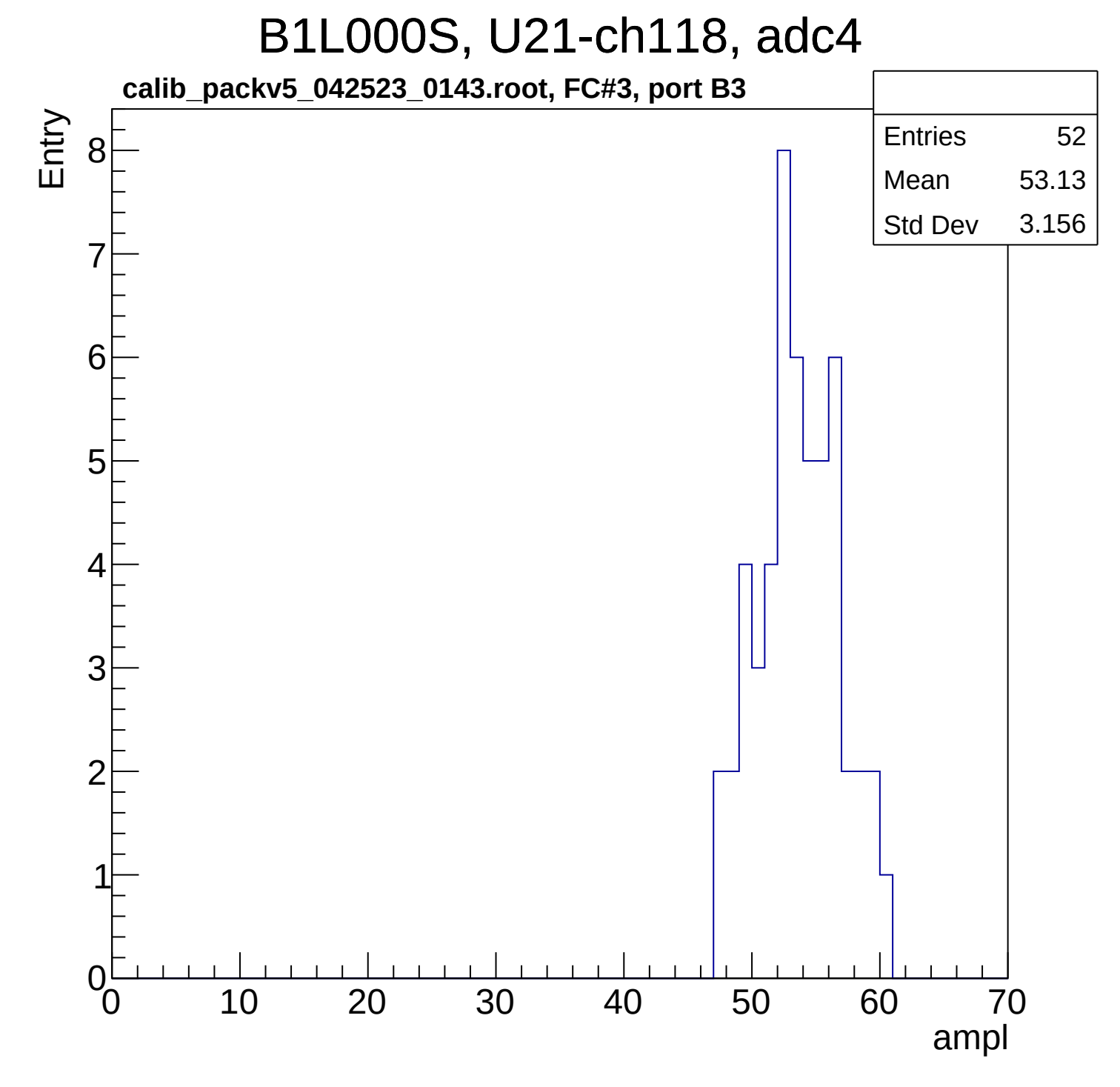

B1L000S, U21-ch117, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

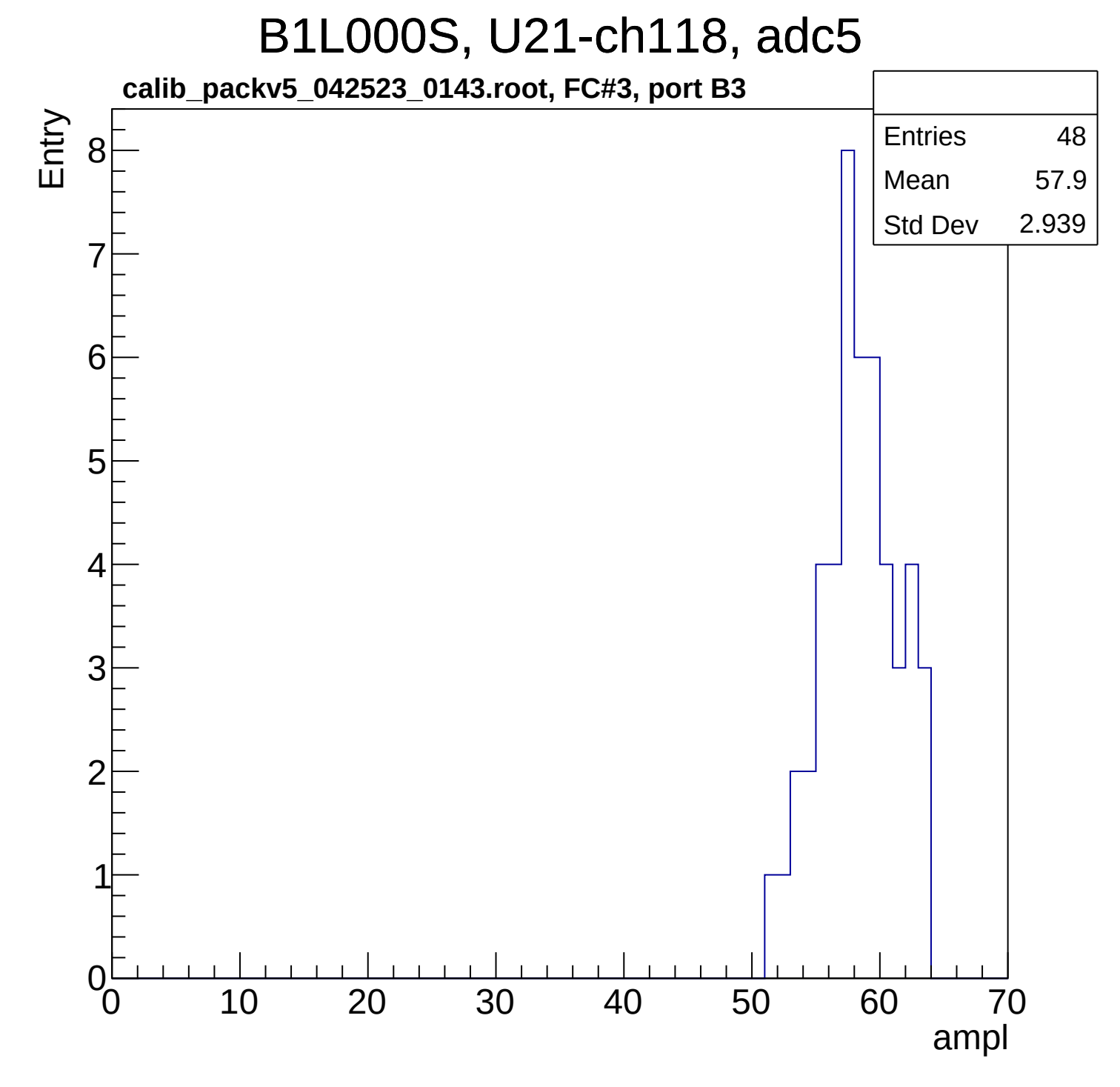

B1L000S, U21-ch118, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 26.77
Std Dev 4.753
Gaus mean : 27.8318
Gaus Width: 3.1600
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

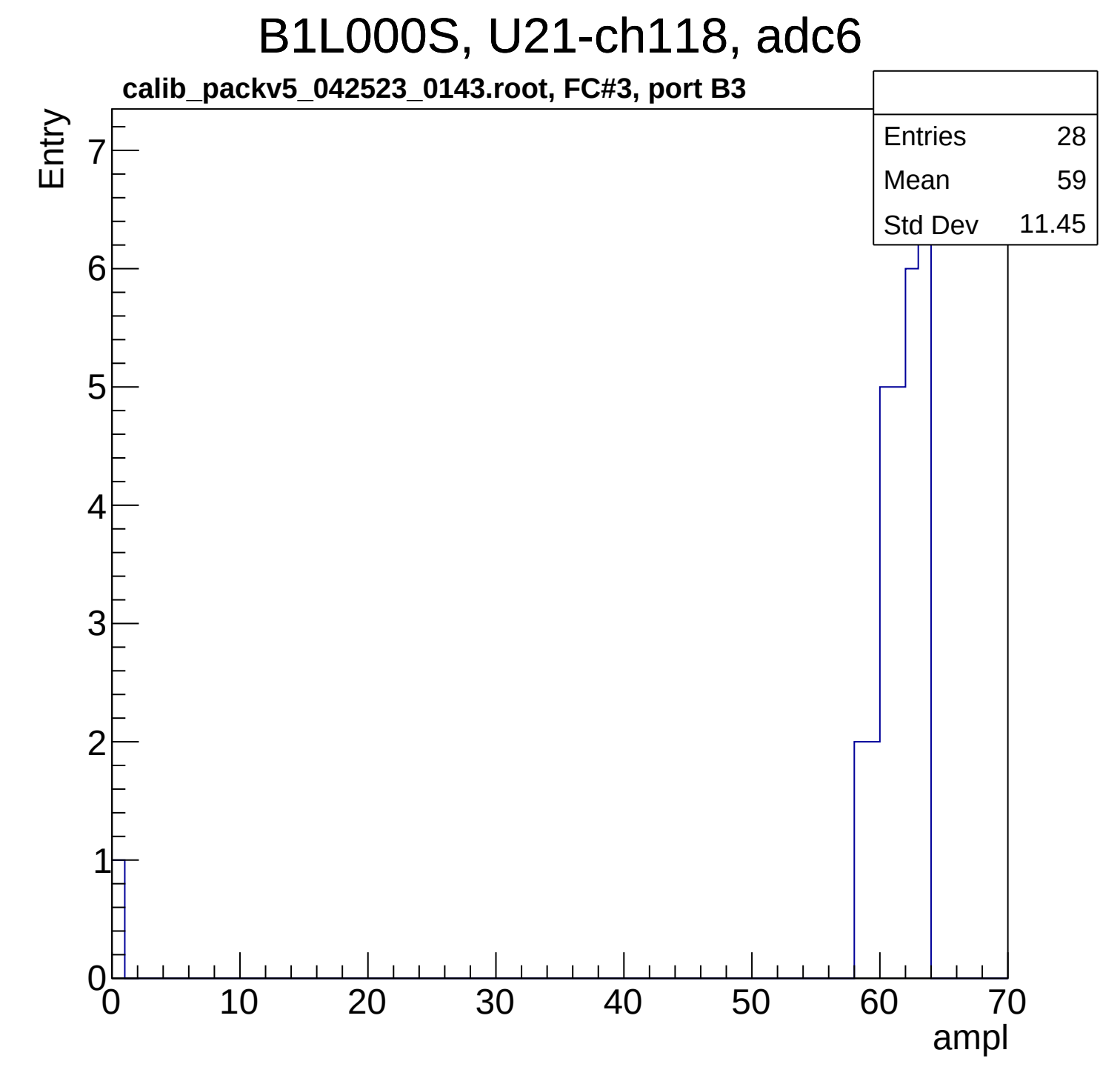

B1L000S, U21-ch118, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 86
Mean 34.45
Std Dev 3.588
Gaus mean : 34.7045
Gaus Width: 3.7637
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

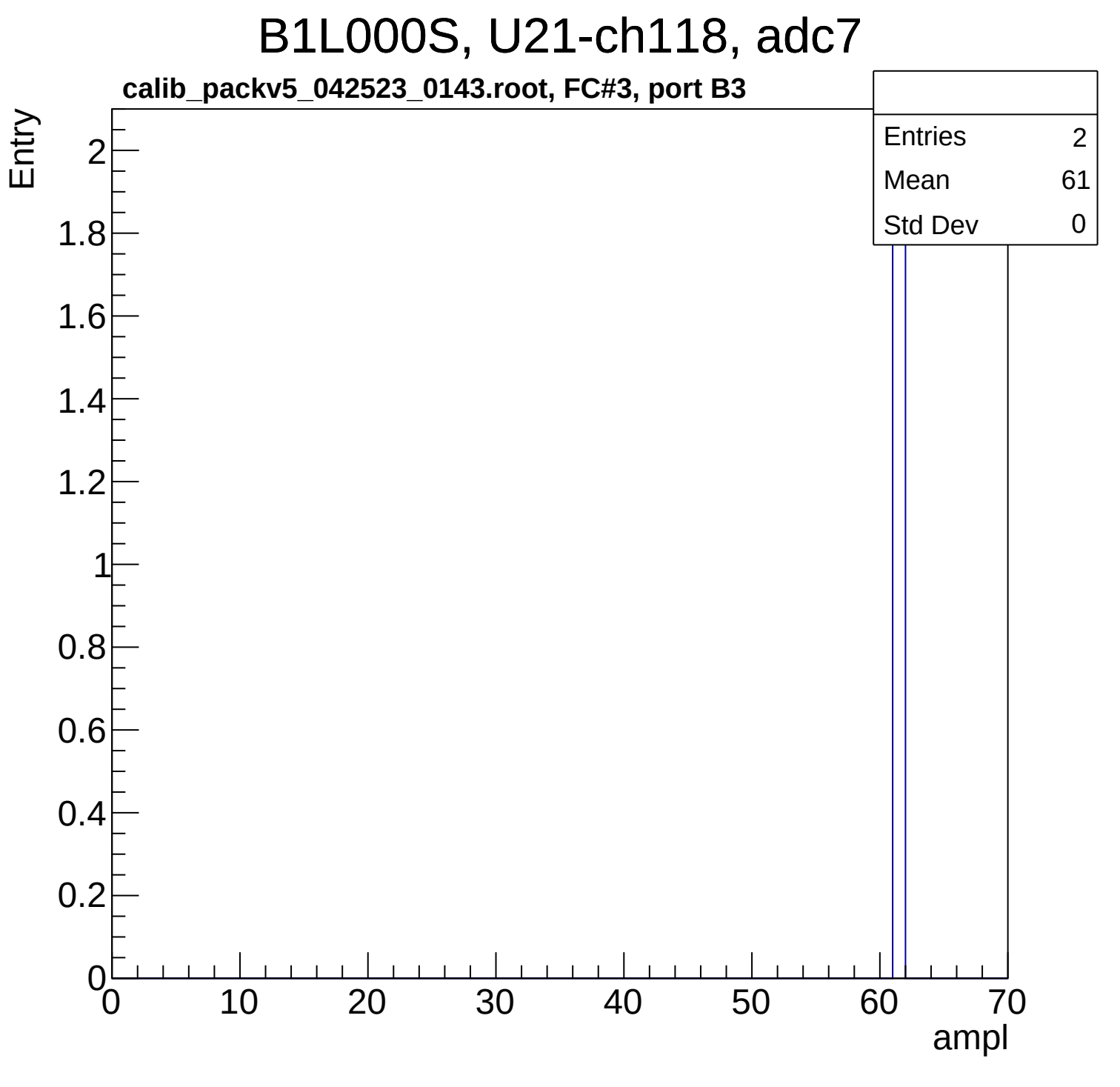

B1L000S, U21-ch118, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 41
Std Dev 3.224
Gaus mean : 41.7798
Gaus Width: 4.1306
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

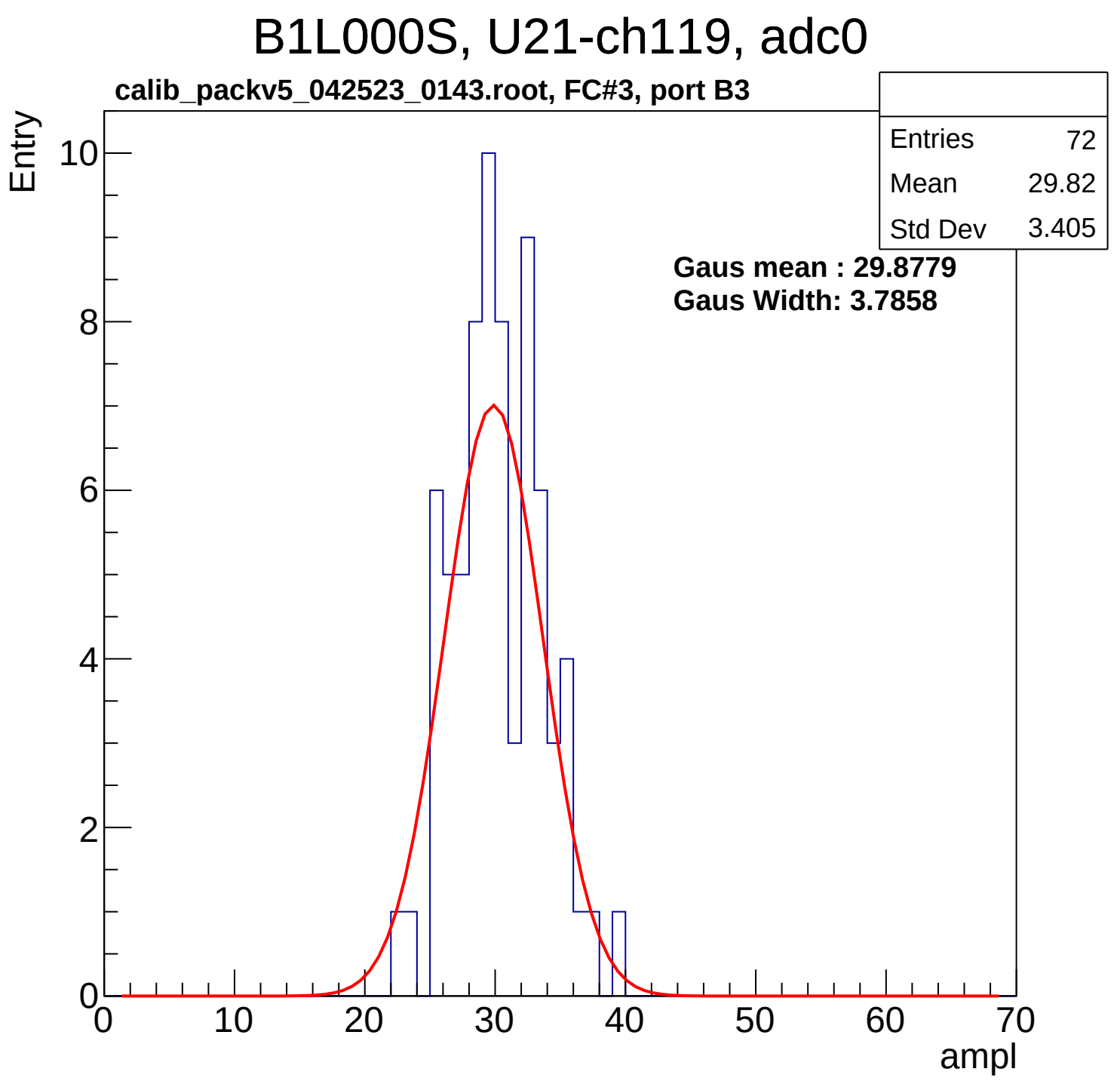

B1L000S, U21-ch118, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 47.26
Std Dev 3.458
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

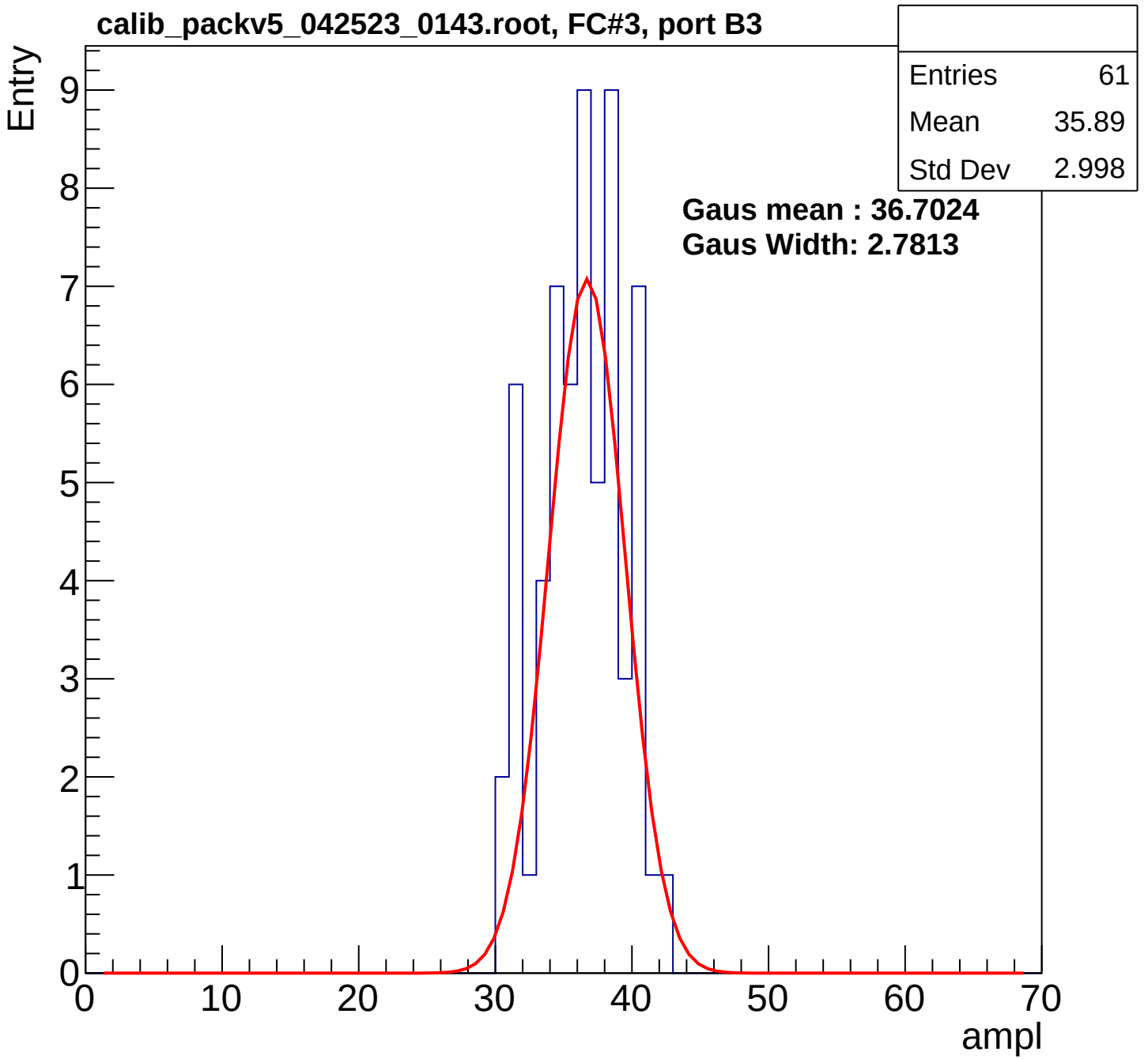

B1L000S, U21-ch118, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 53.13
Std Dev 3.156
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

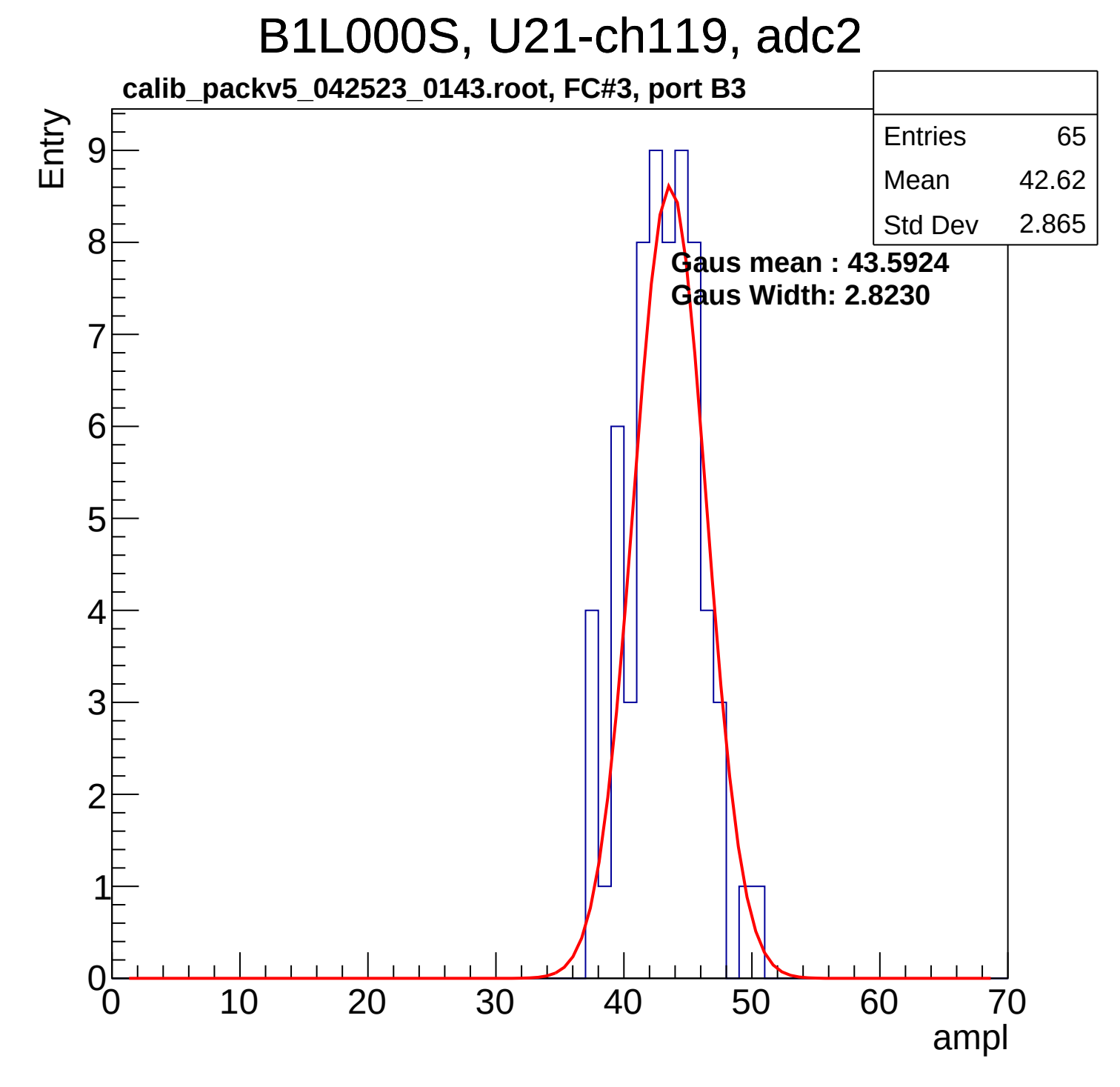

B1L000S, U21-ch118, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 57.9
Std Dev 2.939
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

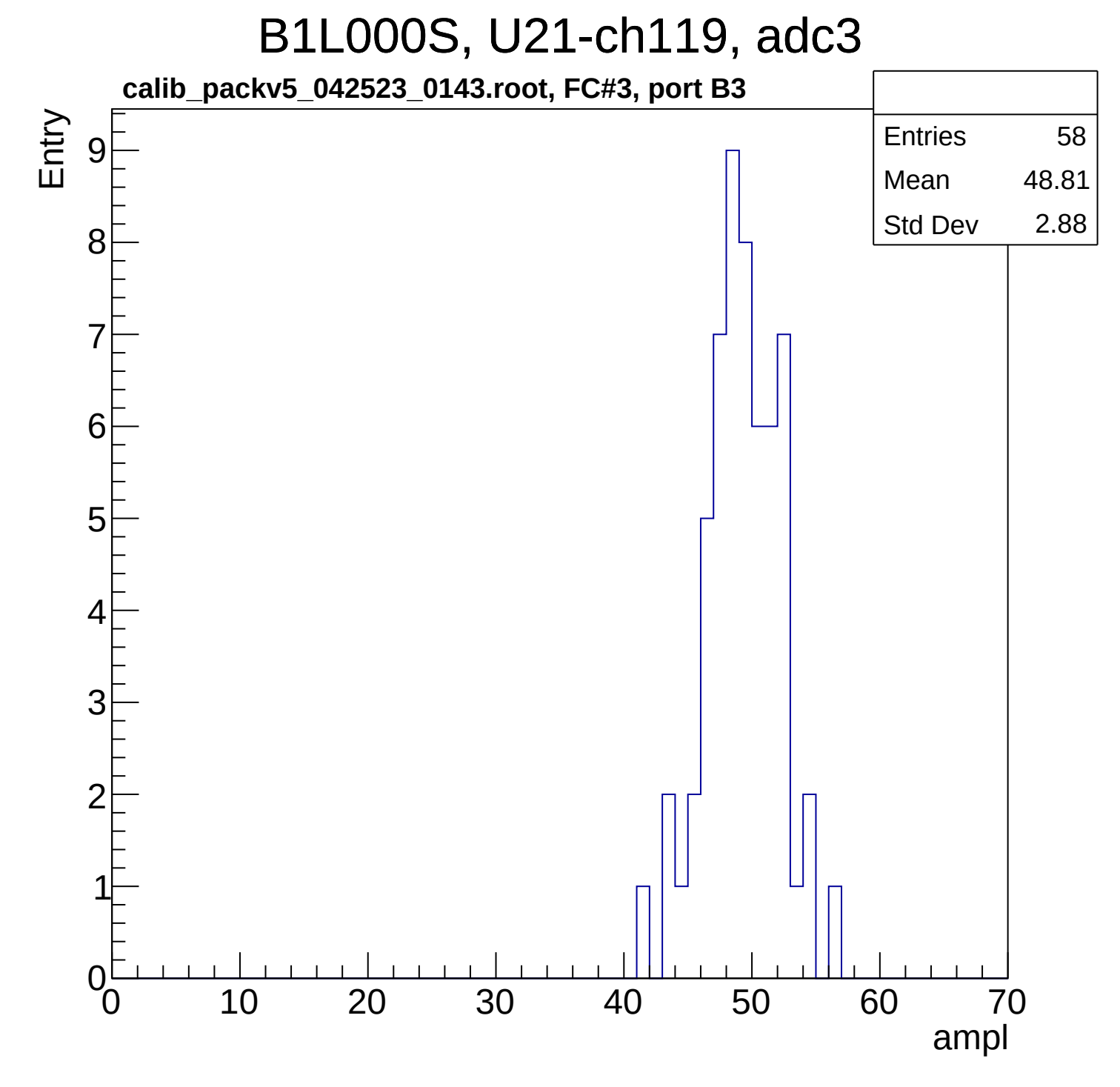

B1L000S, U21-ch118, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 28
Mean 59
Std Dev 11.45
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

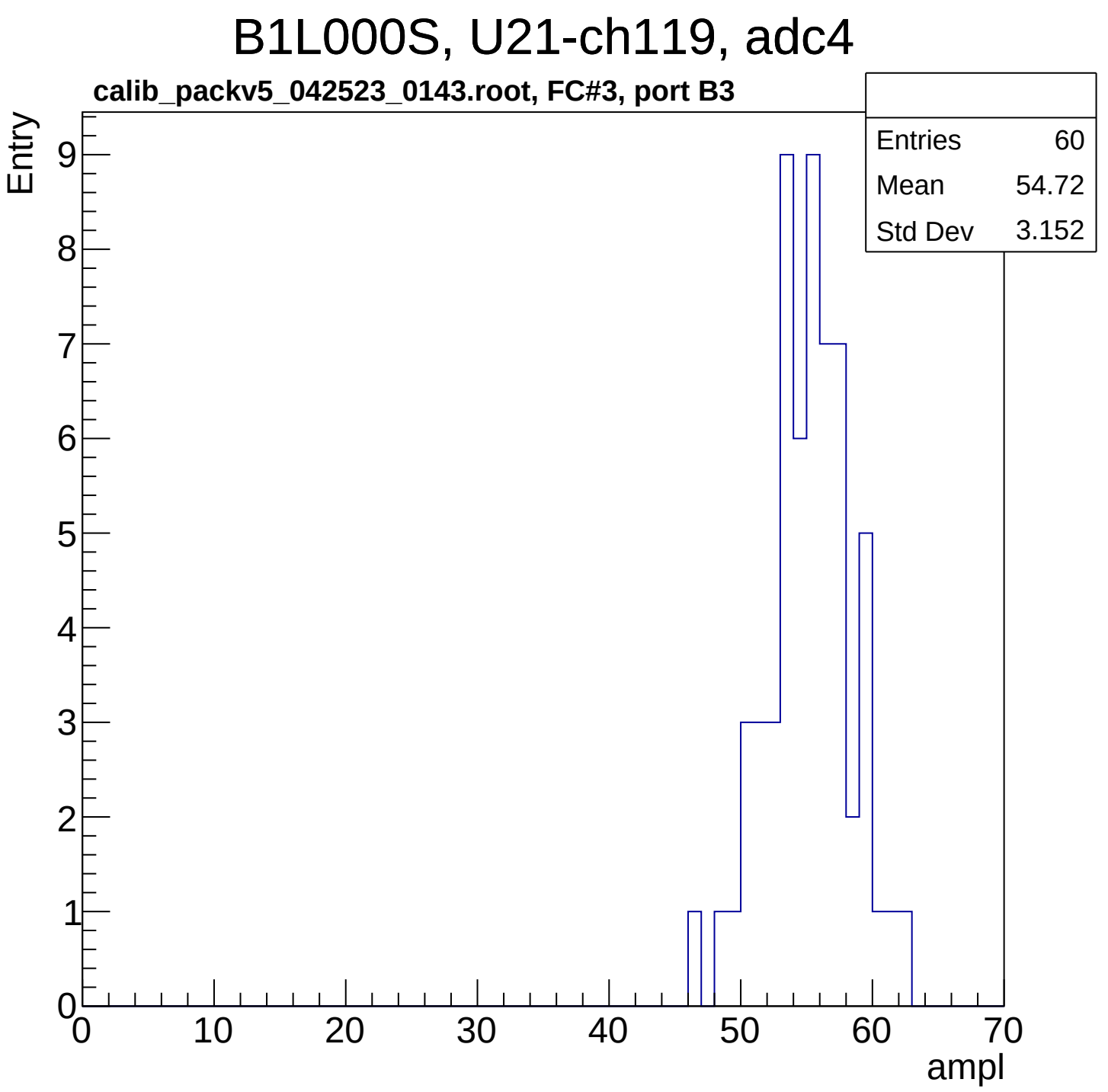

B1L000S, U21-ch118, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 61
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

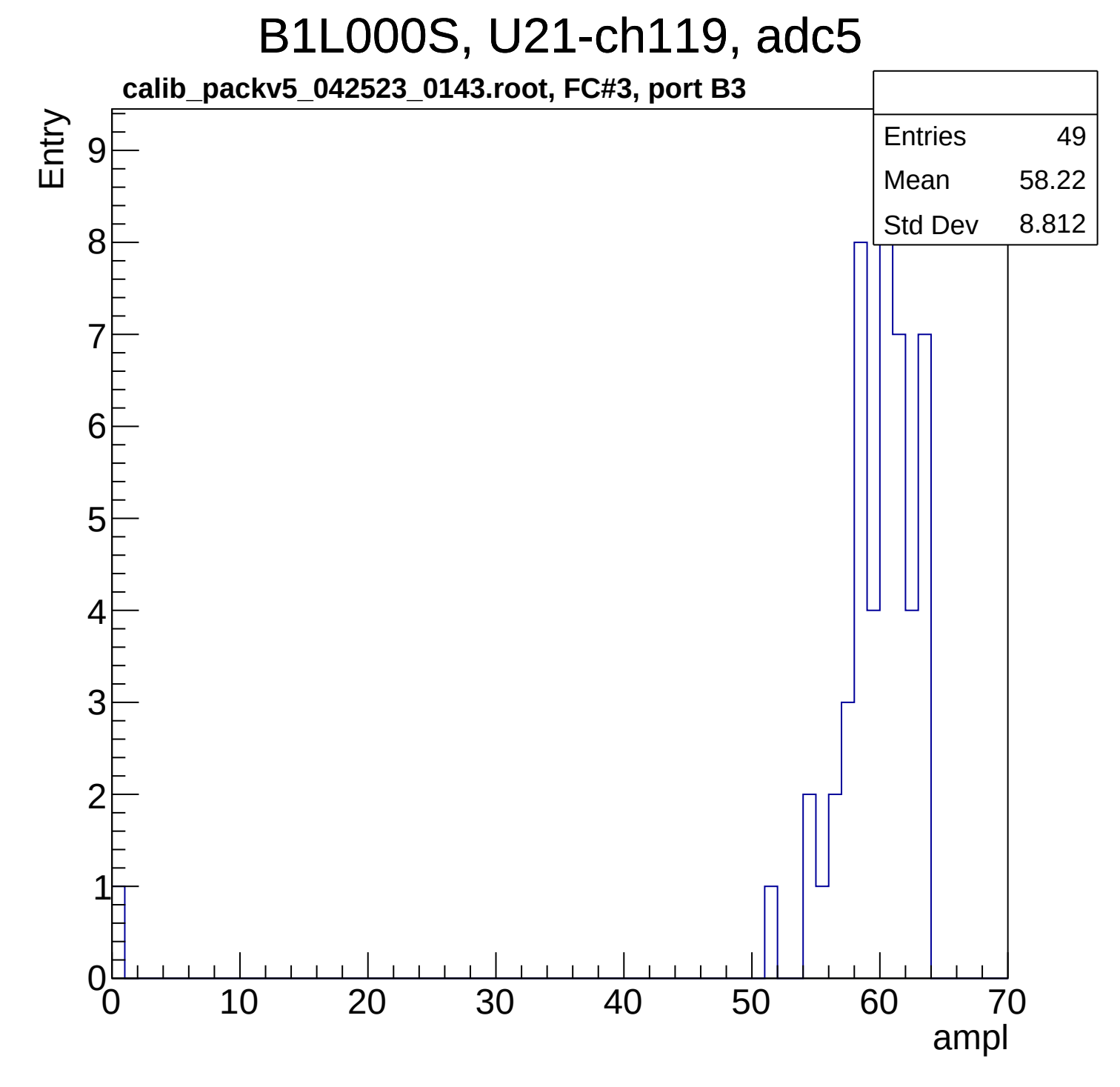

B1L000S, U21-ch119, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 29.82
Std Dev 3.405
Gaus mean : 29.8779
Gaus Width: 3.7858
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

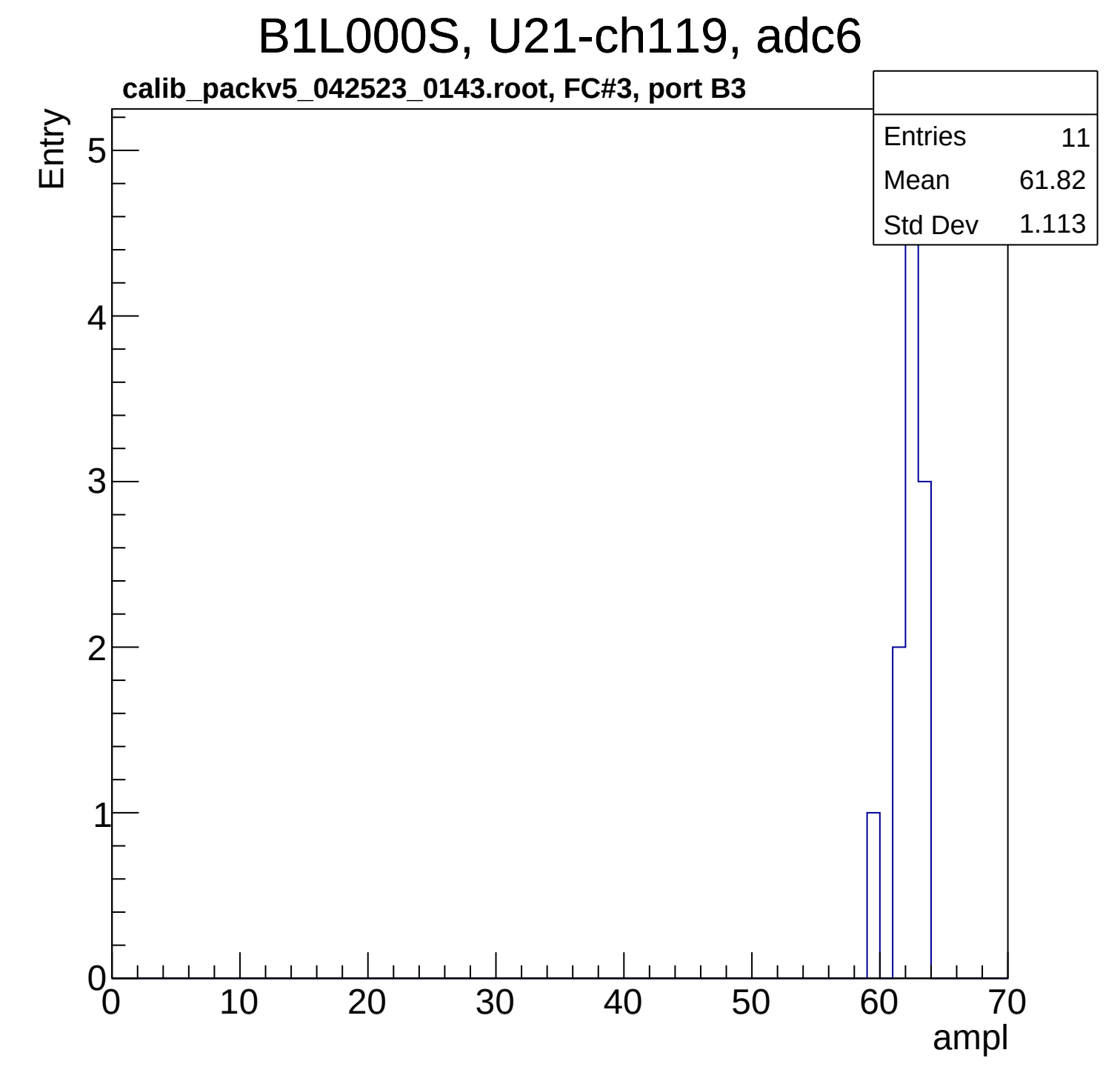

B1L000S, U21-ch119, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 35.89
Std Dev 2.998
Gaus mean : 36.7024
Gaus Width: 2.7813
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

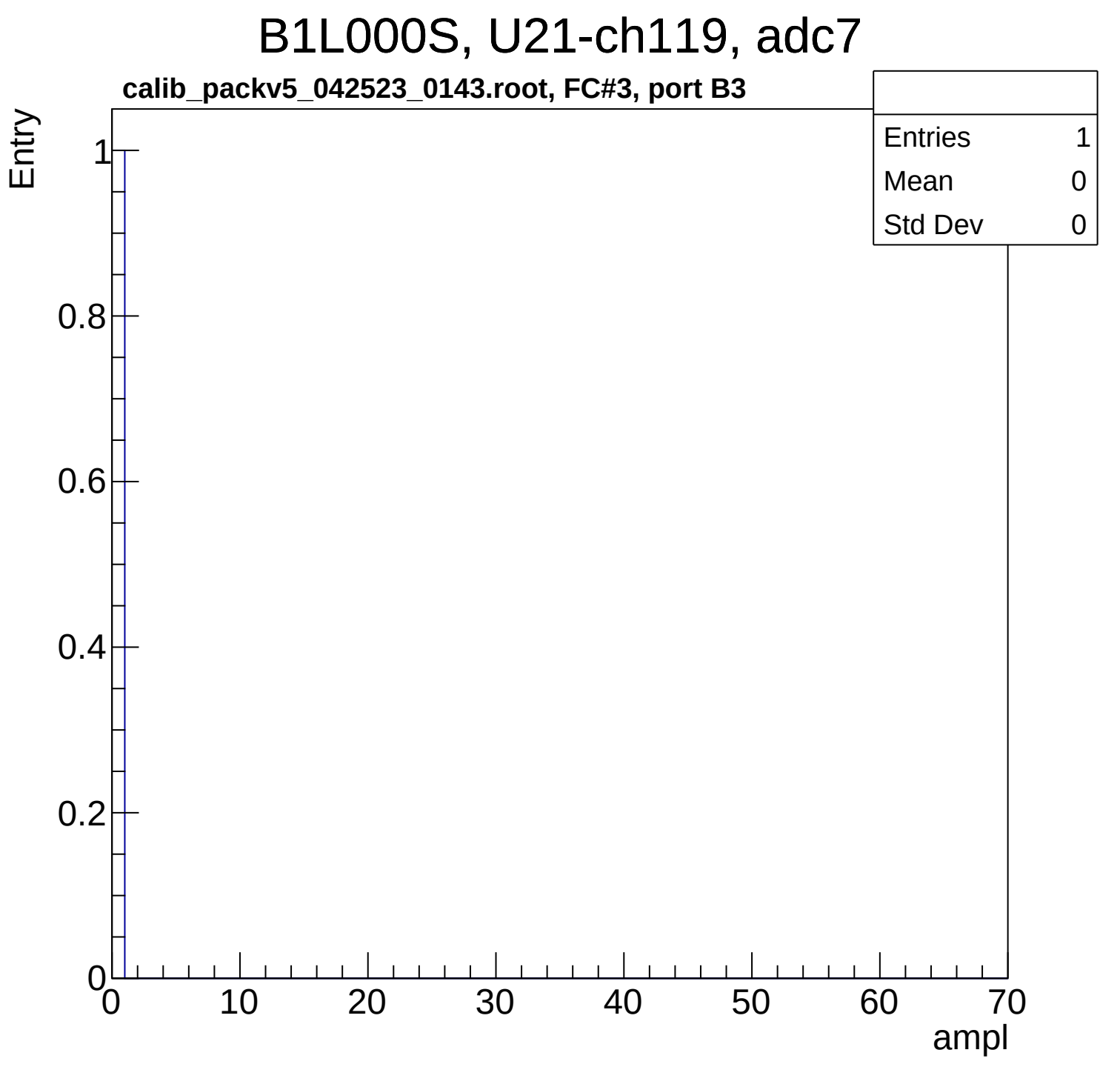

B1L000S, U21-ch119, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 42.62
Std Dev 2.865
Gaus mean : 43.5924
Gaus Width: 2.8230
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

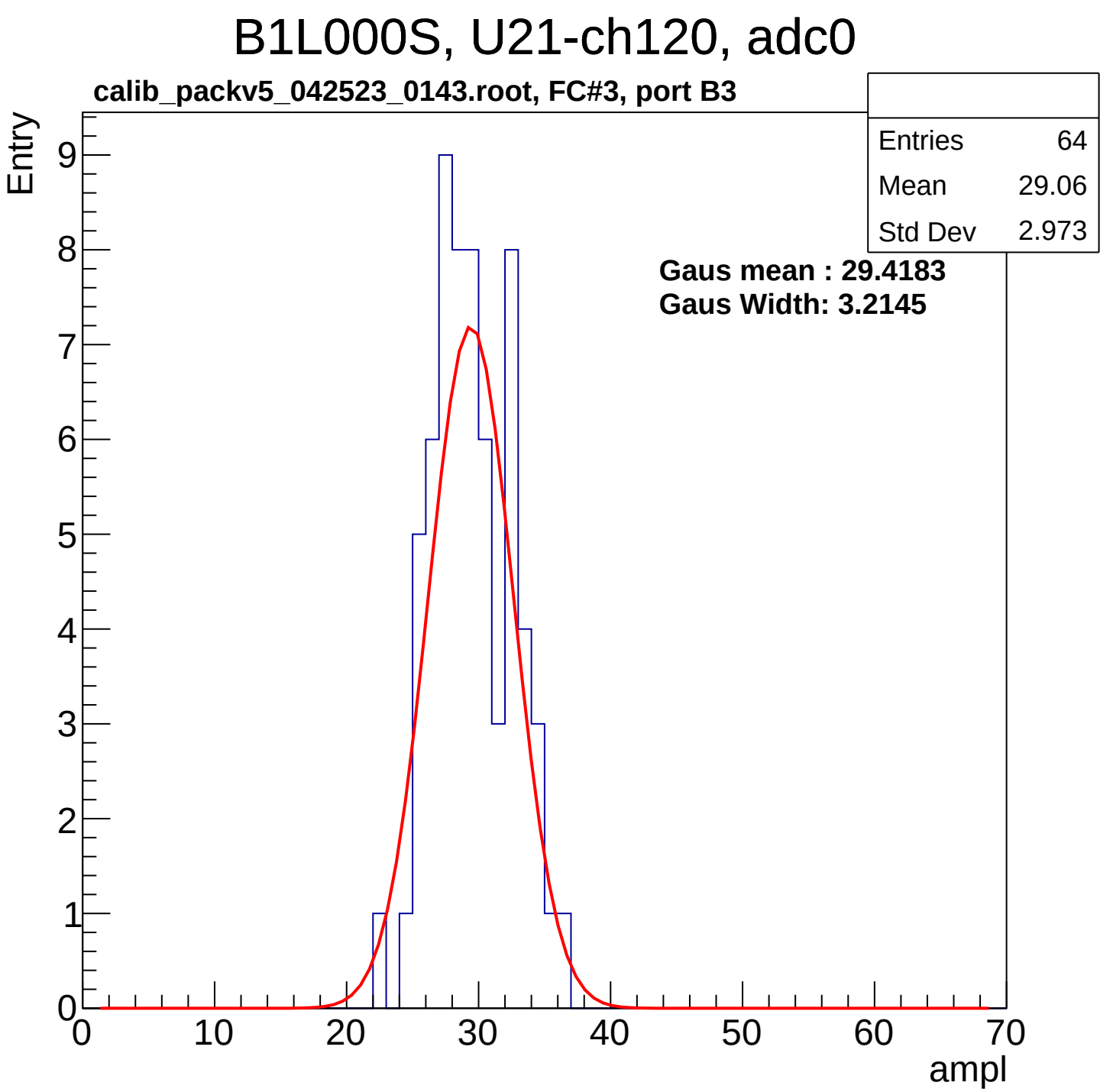

B1L000S, U21-ch119, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 48.81
Std Dev 2.88
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

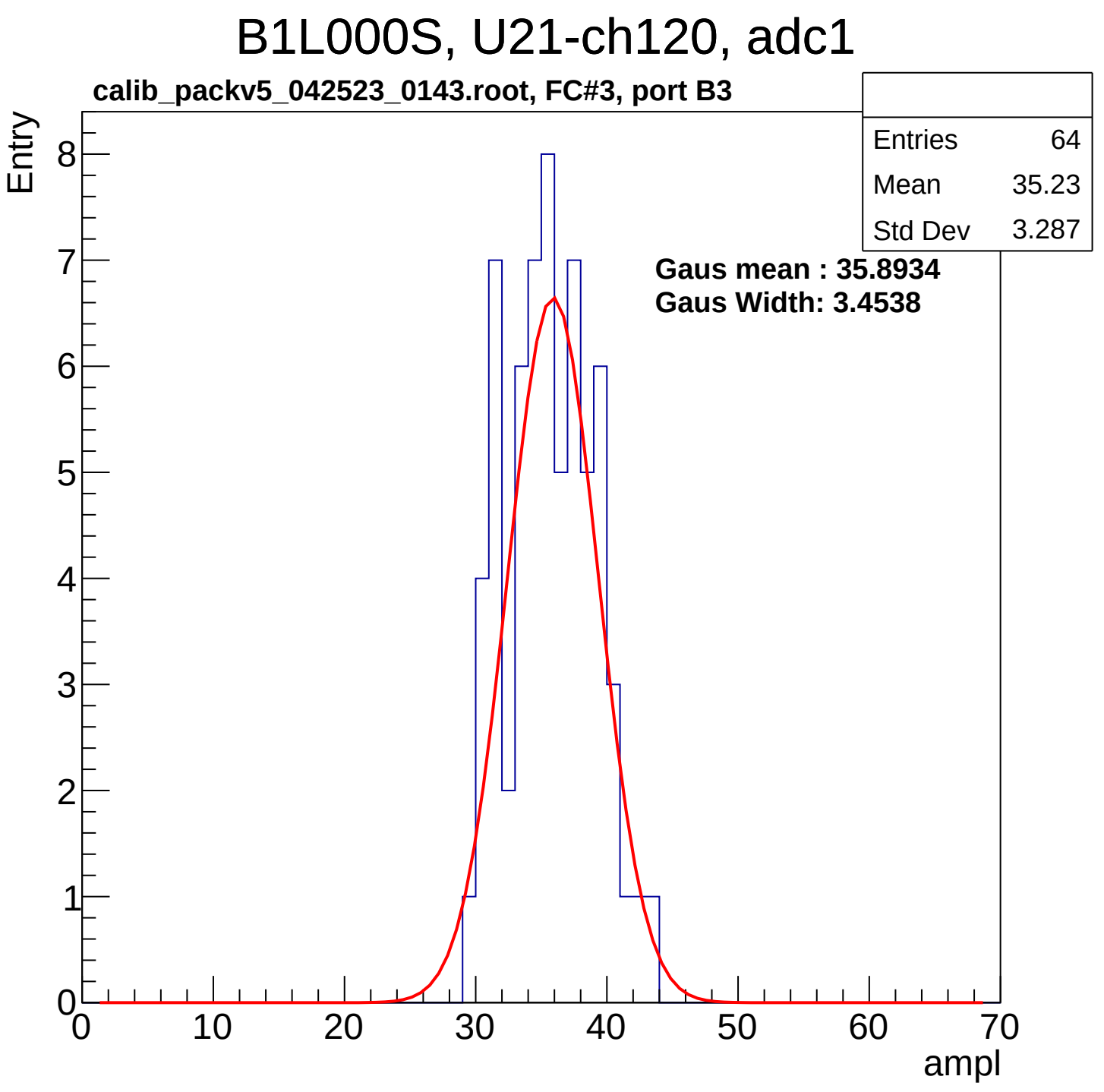

B1L000S, U21-ch119, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 54.72
Std Dev 3.152
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

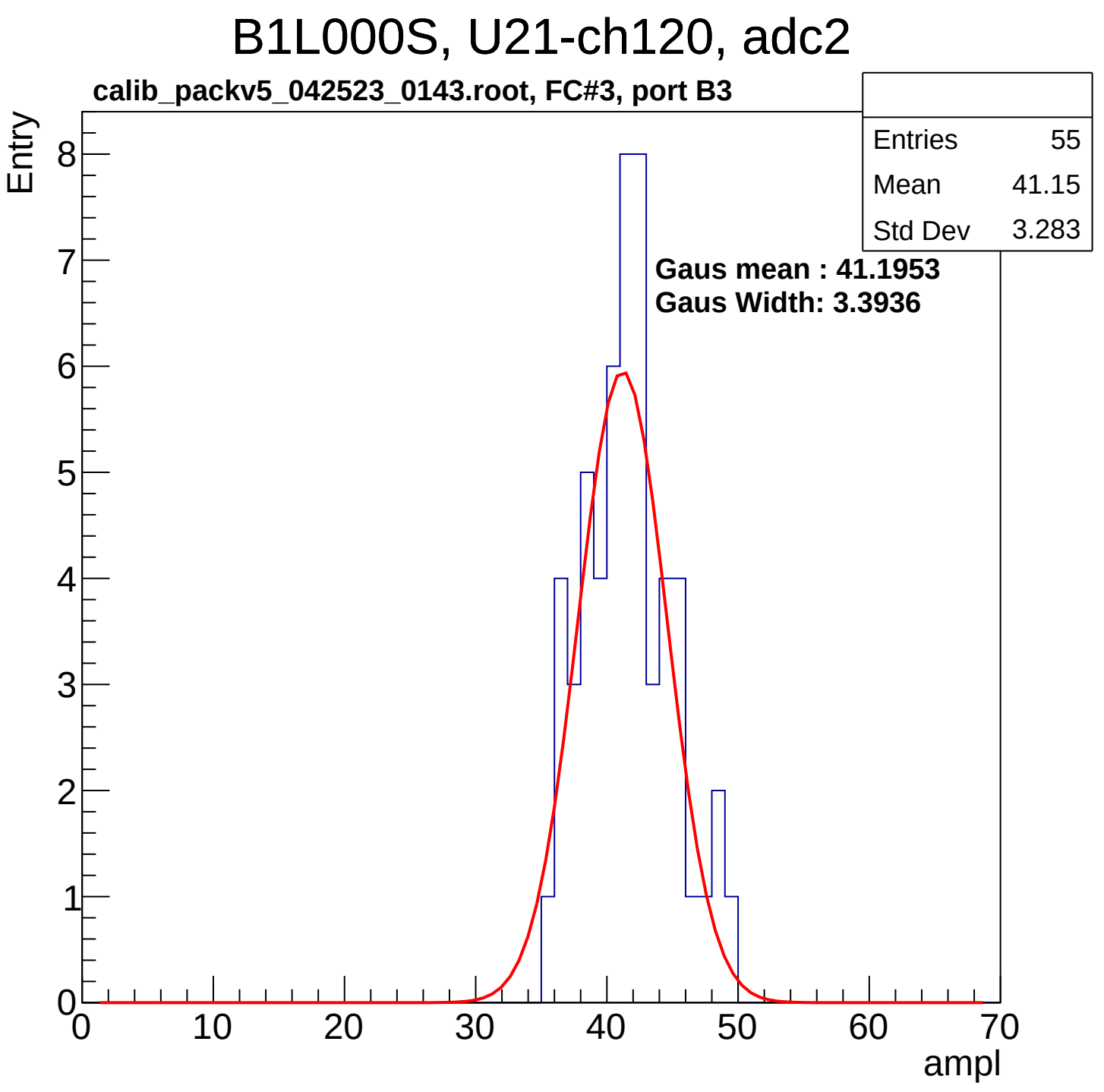

B1L000S, U21-ch119, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 58.22
Std Dev 8.812
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

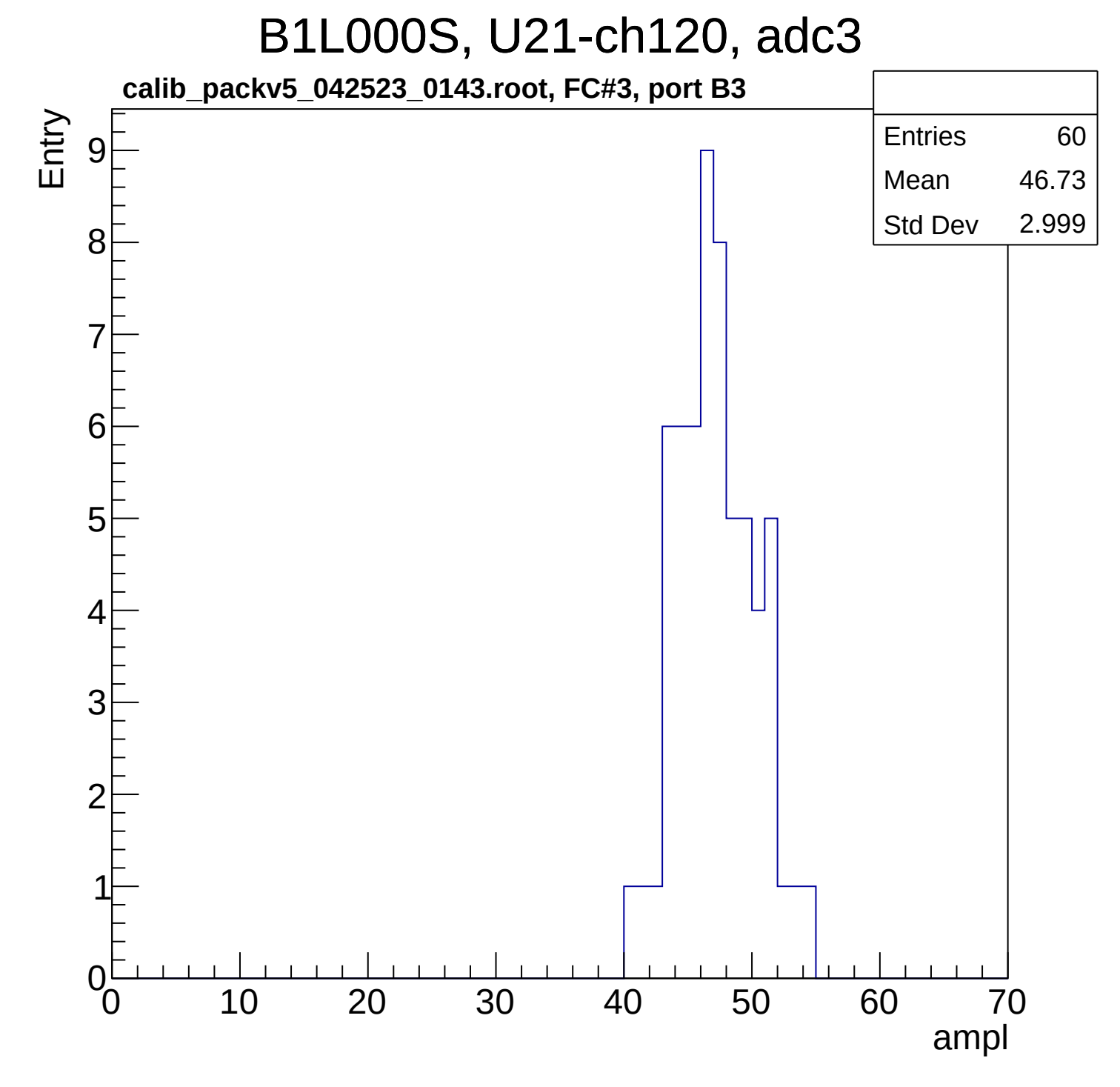

B1L000S, U21-ch119, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 61.82
Std Dev 1.113
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70

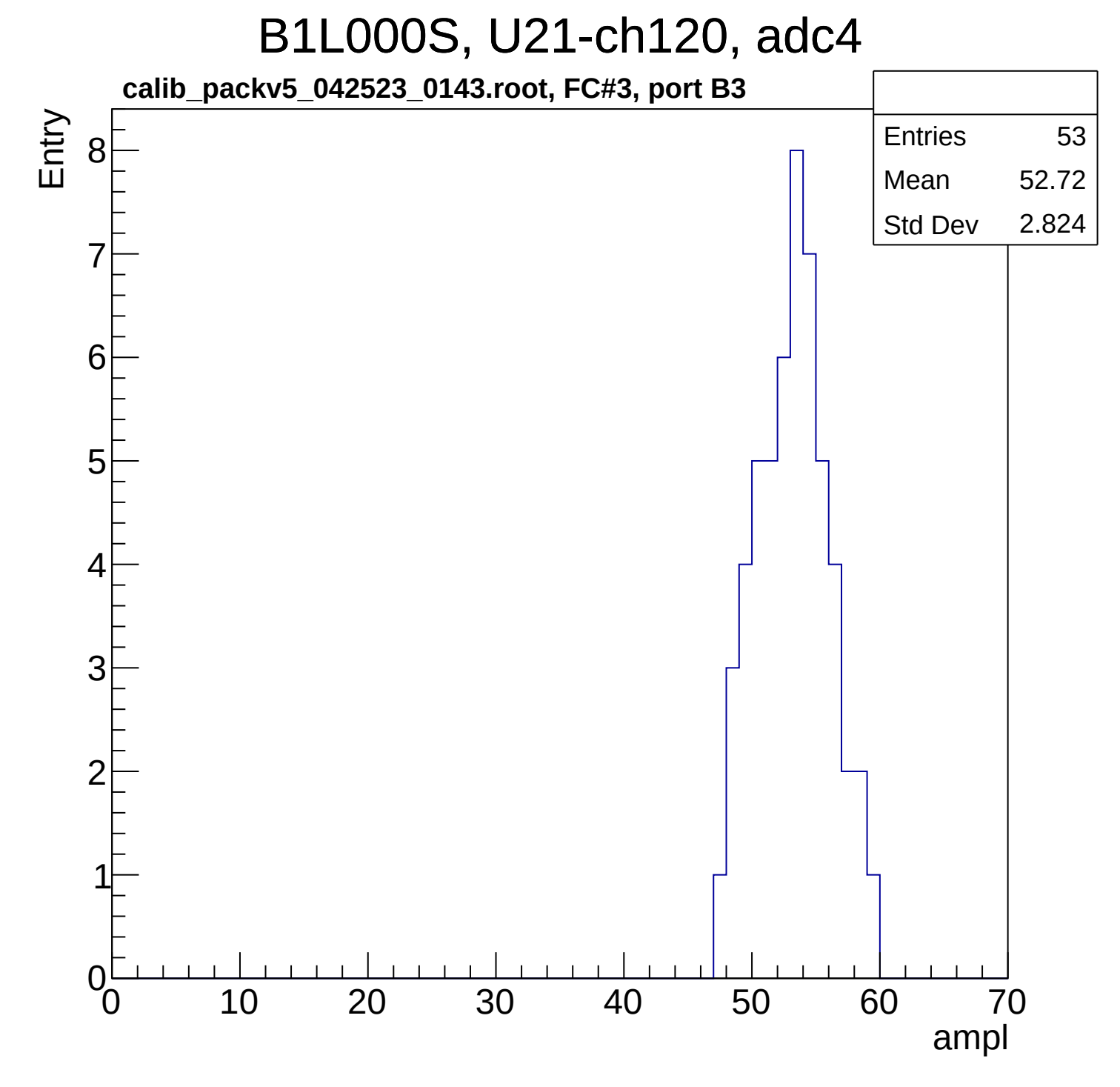

B1L000S, U21-ch119, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

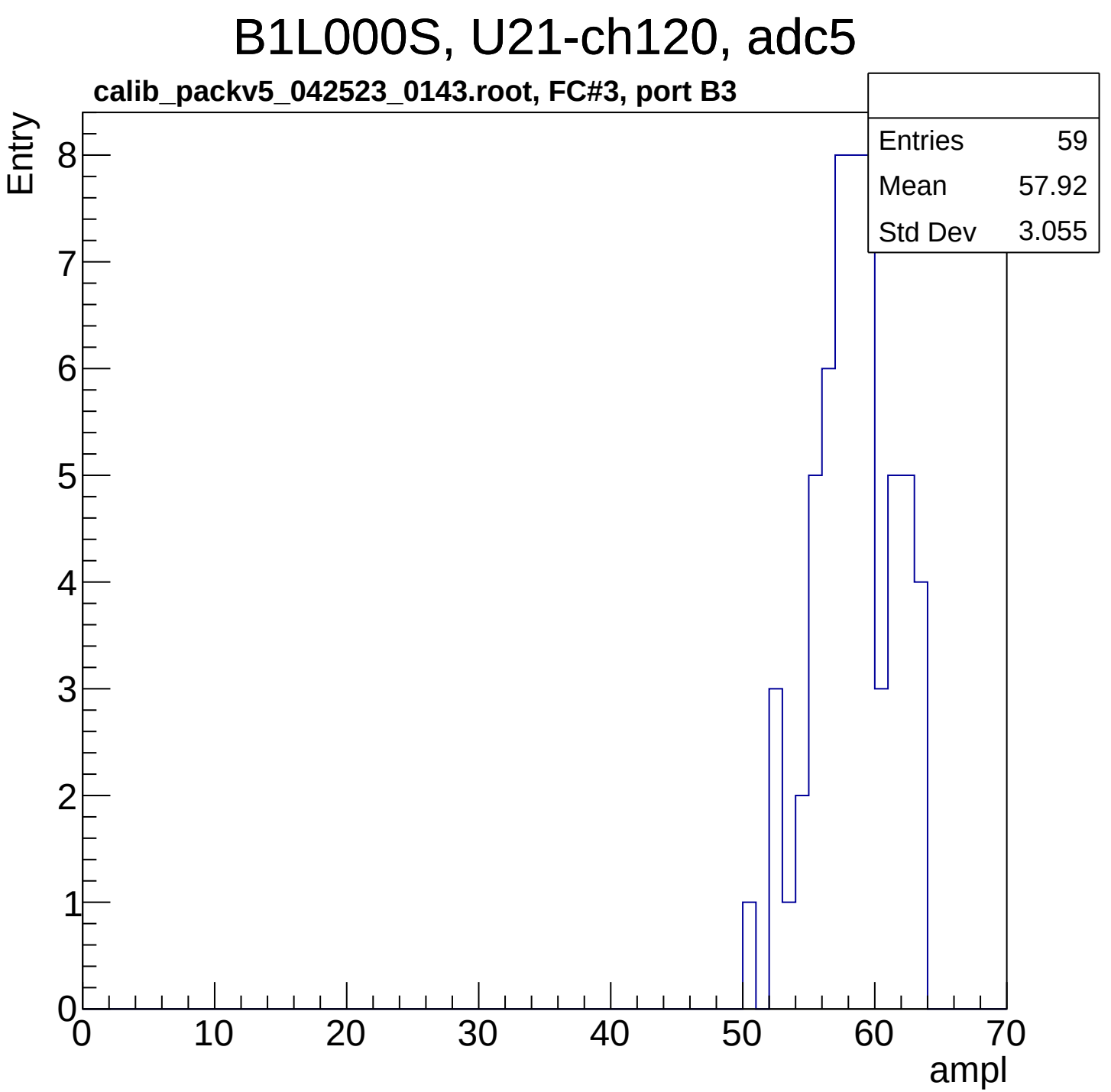

B1L000S, U21-ch120, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 29.06
Std Dev 2.973
Gaus mean : 29.4183
Gaus Width: 3.2145
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

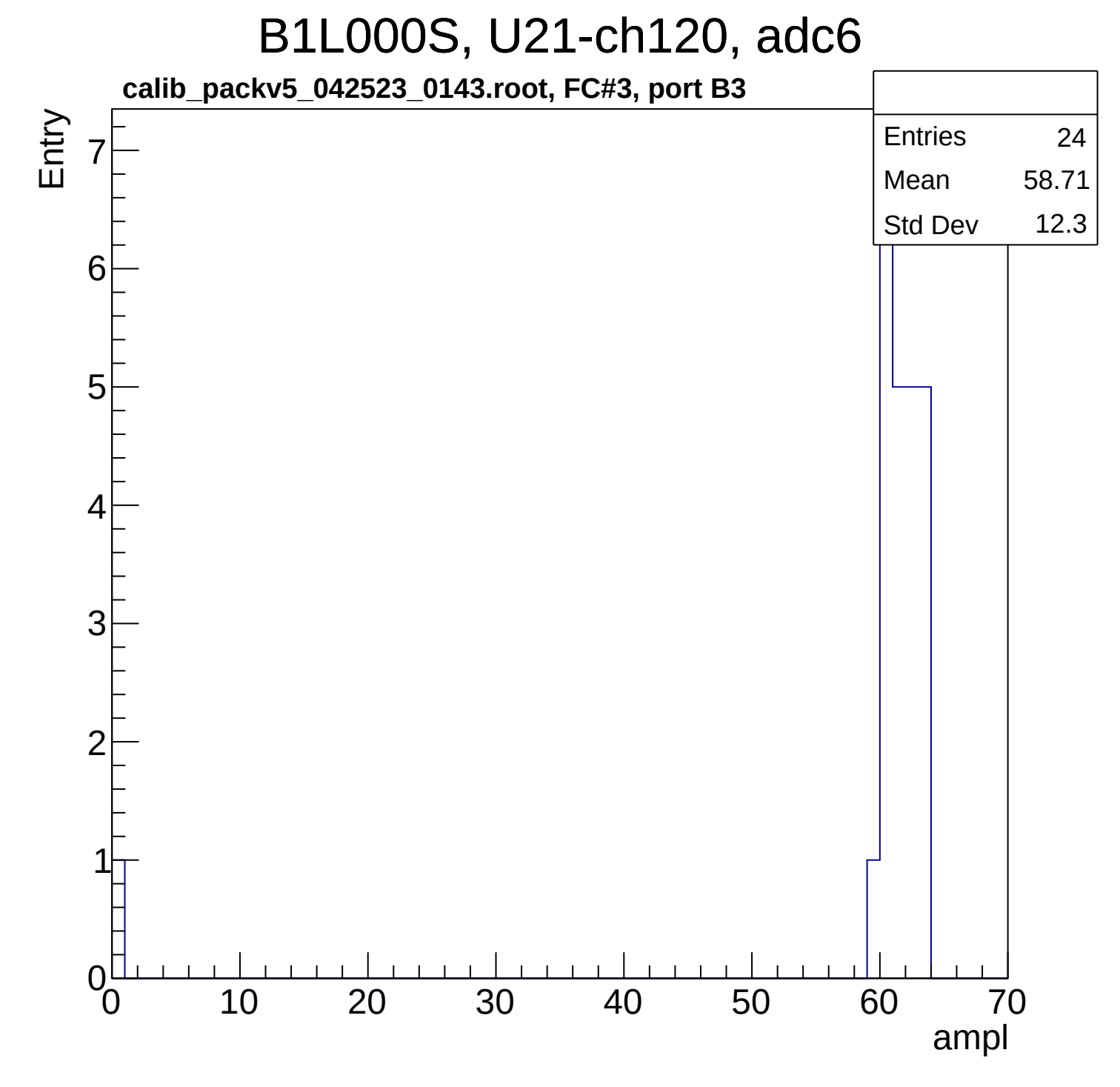

B1L000S, U21-ch120, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 35.23
Std Dev 3.287
Gaus mean : 35.8934
Gaus Width: 3.4538
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

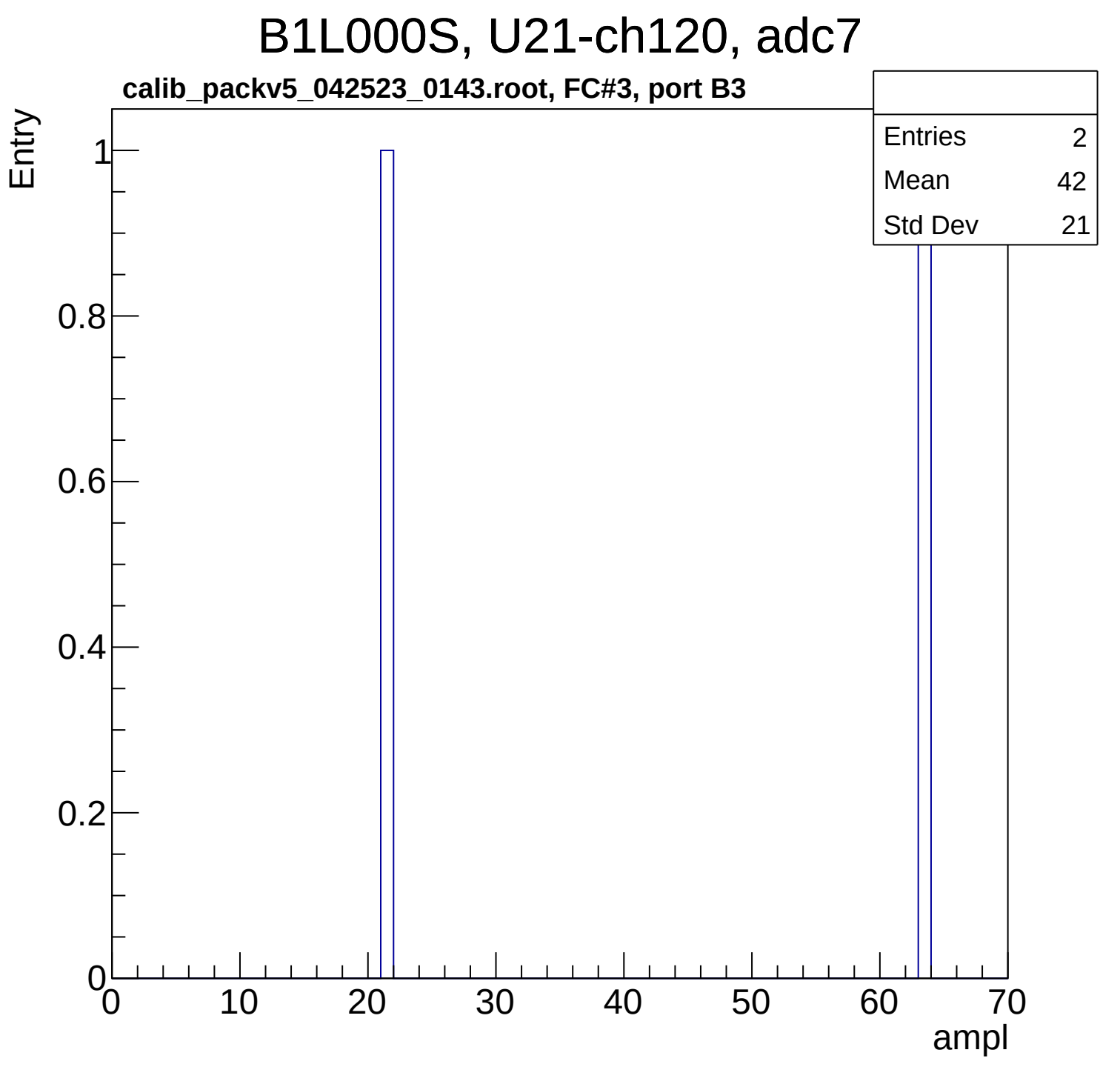

B1L000S, U21-ch120, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 41.15
Std Dev 3.283
Gaus mean : 41.1953
Gaus Width: 3.3936
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

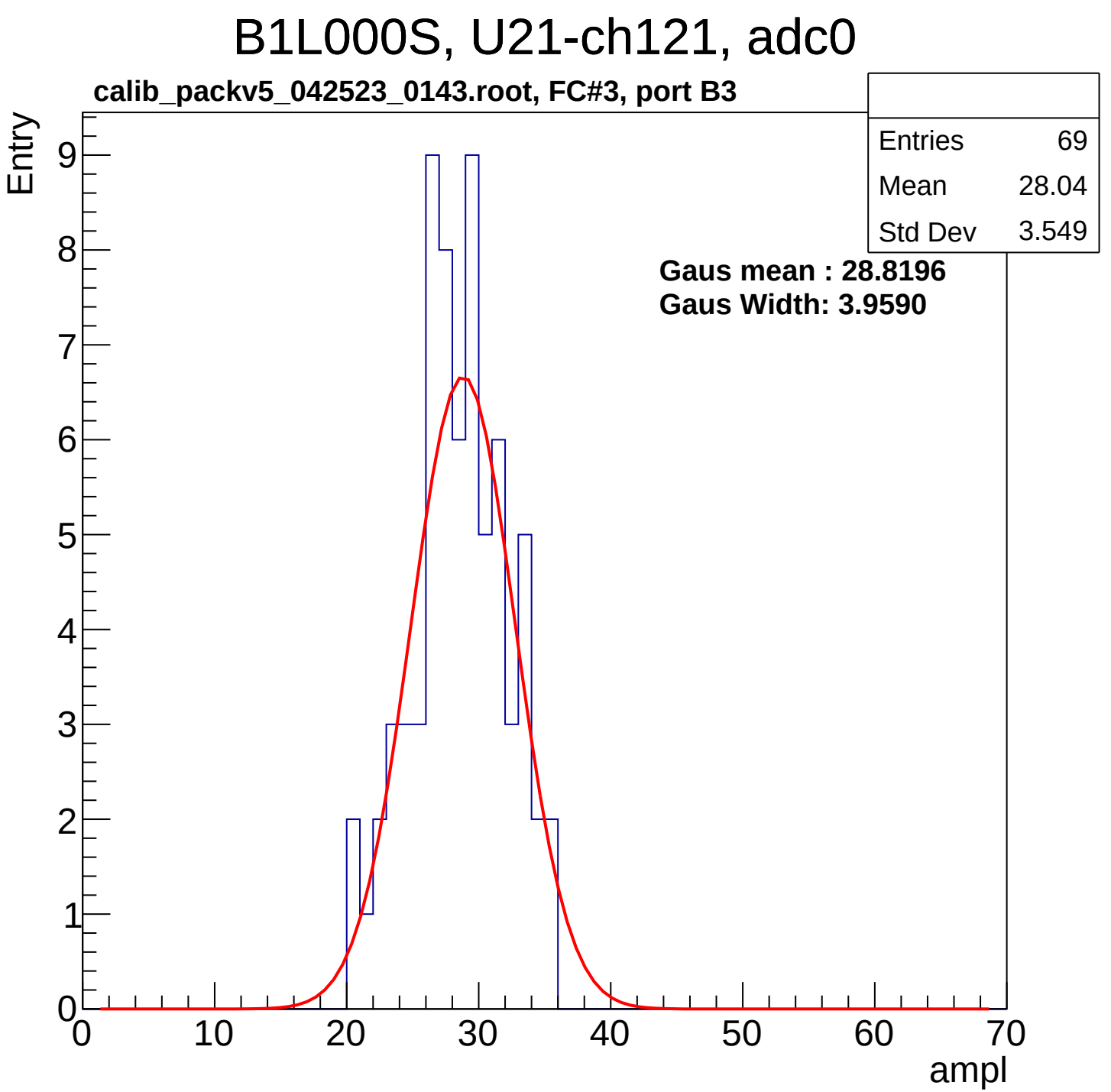

B1L000S, U21-ch120, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 46.73
Std Dev 2.999
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

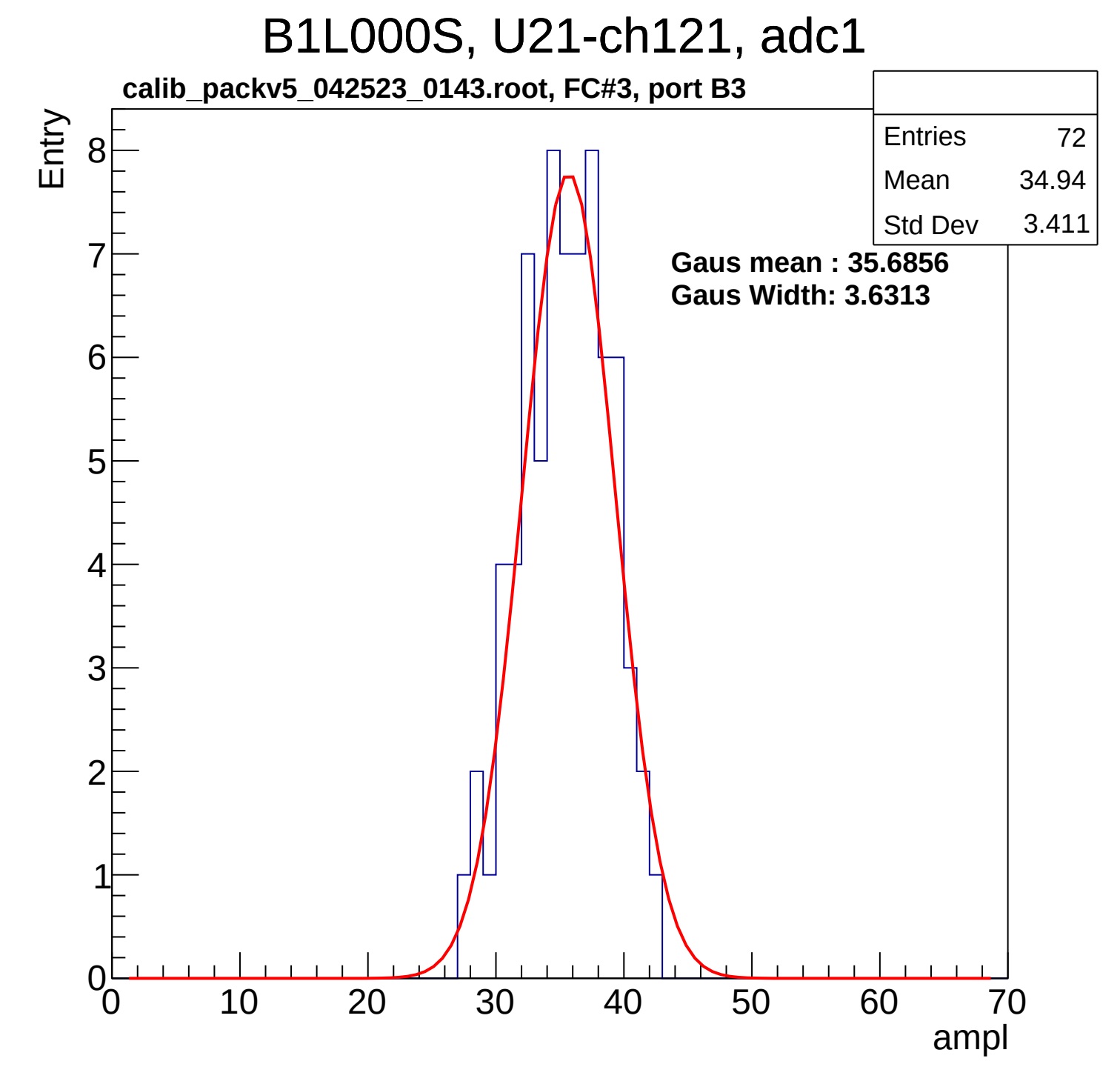

B1L000S, U21-ch120, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 52.72
Std Dev 2.824
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

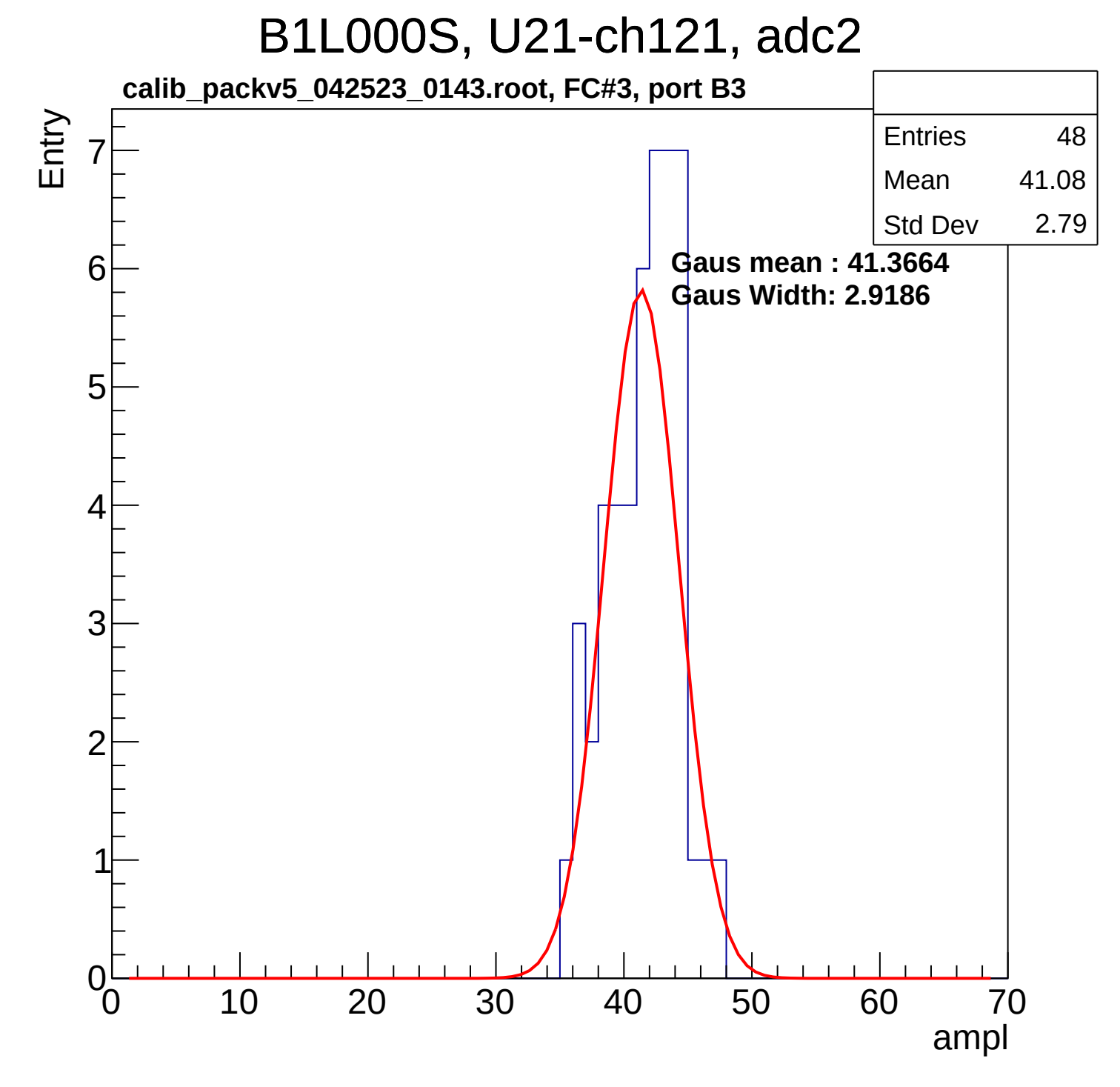

B1L000S, U21-ch120, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 57.92
Std Dev 3.055
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

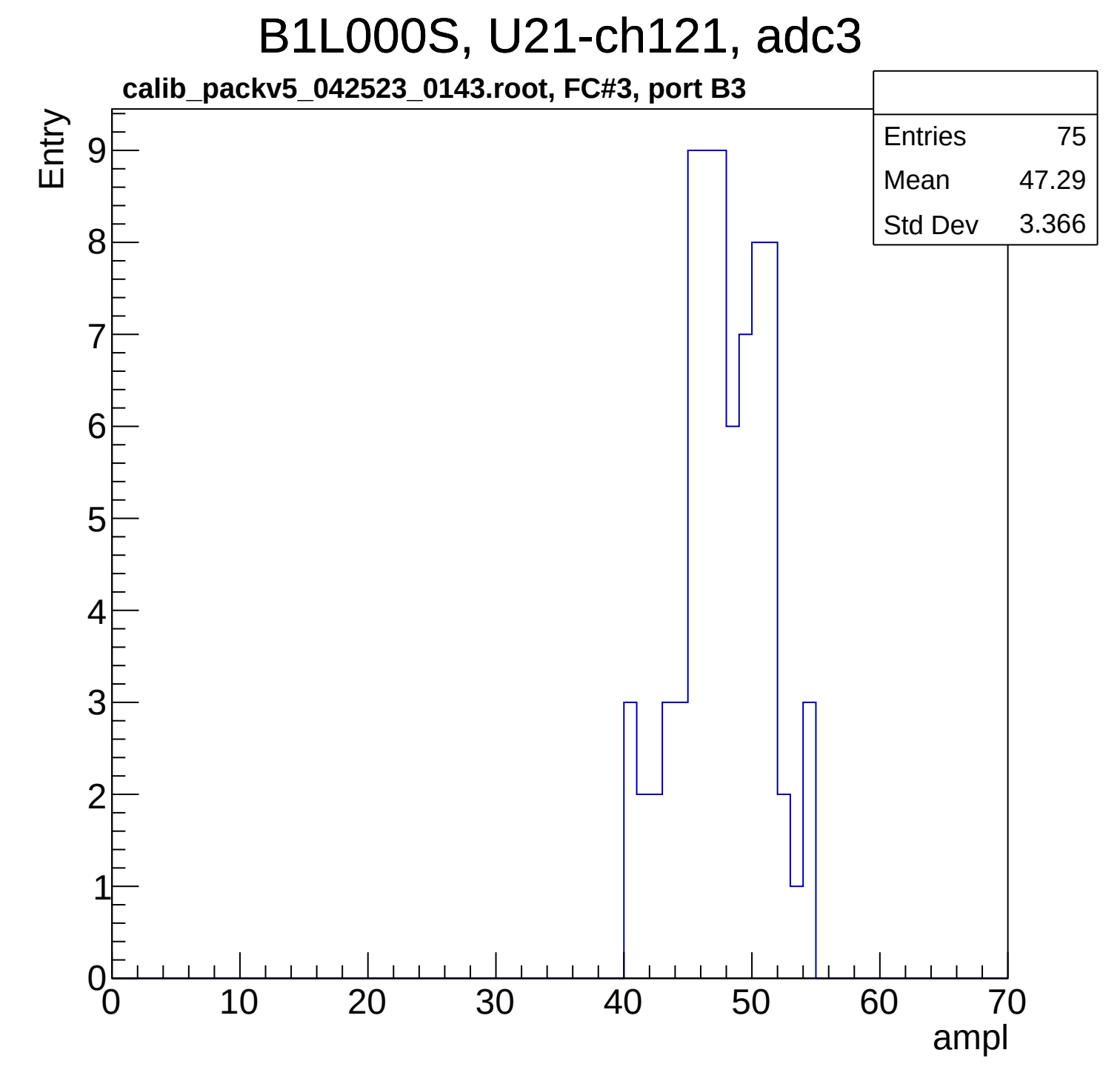

B1L000S, U21-ch120, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 24
Mean 58.71
Std Dev 12.3
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

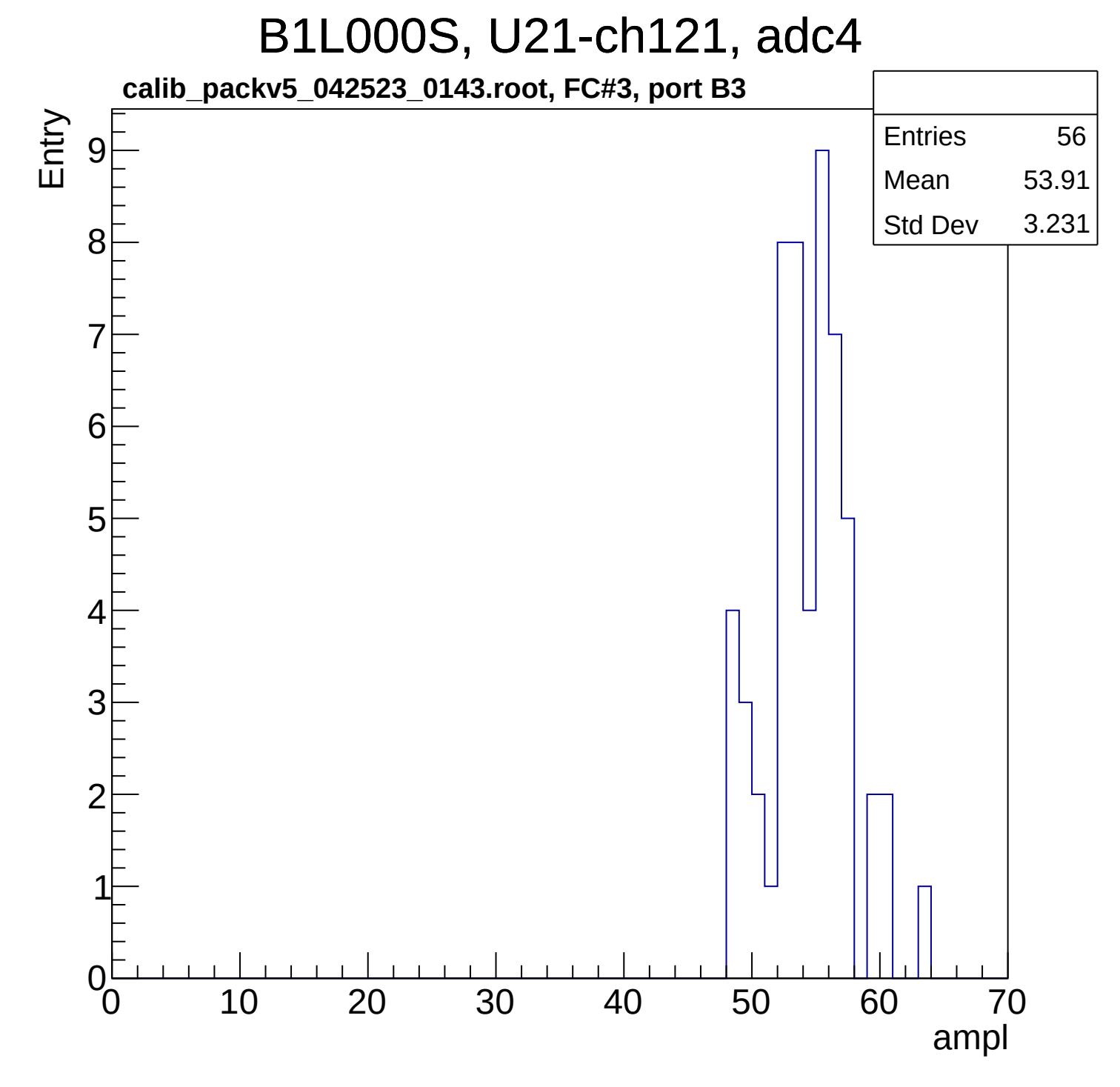

B1L000S, U21-ch120, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 42
Std Dev 21
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70

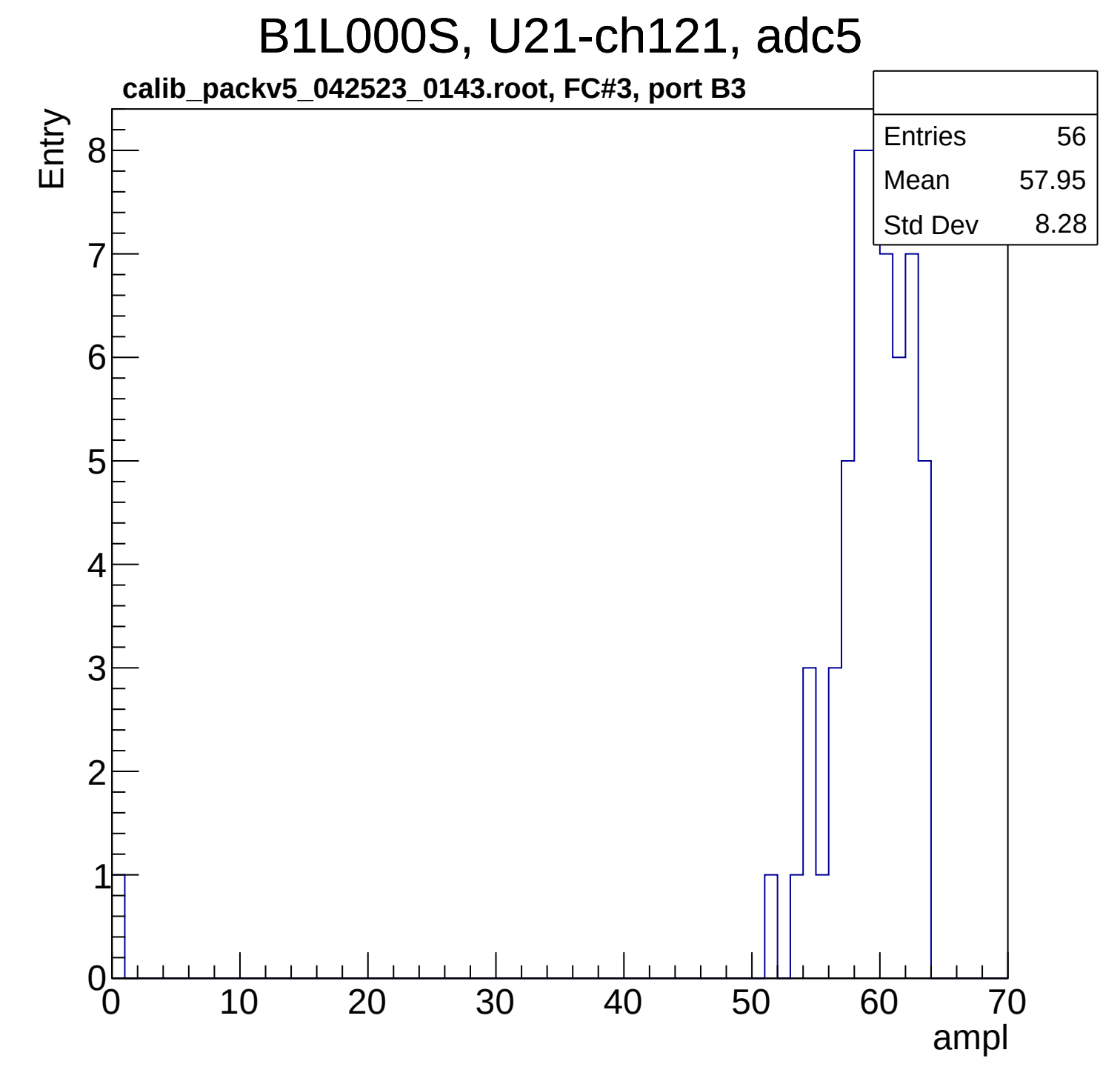

B1L000S, U21-ch121, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 28.04
Std Dev 3.549
Gaus mean : 28.8196
Gaus Width: 3.9590
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

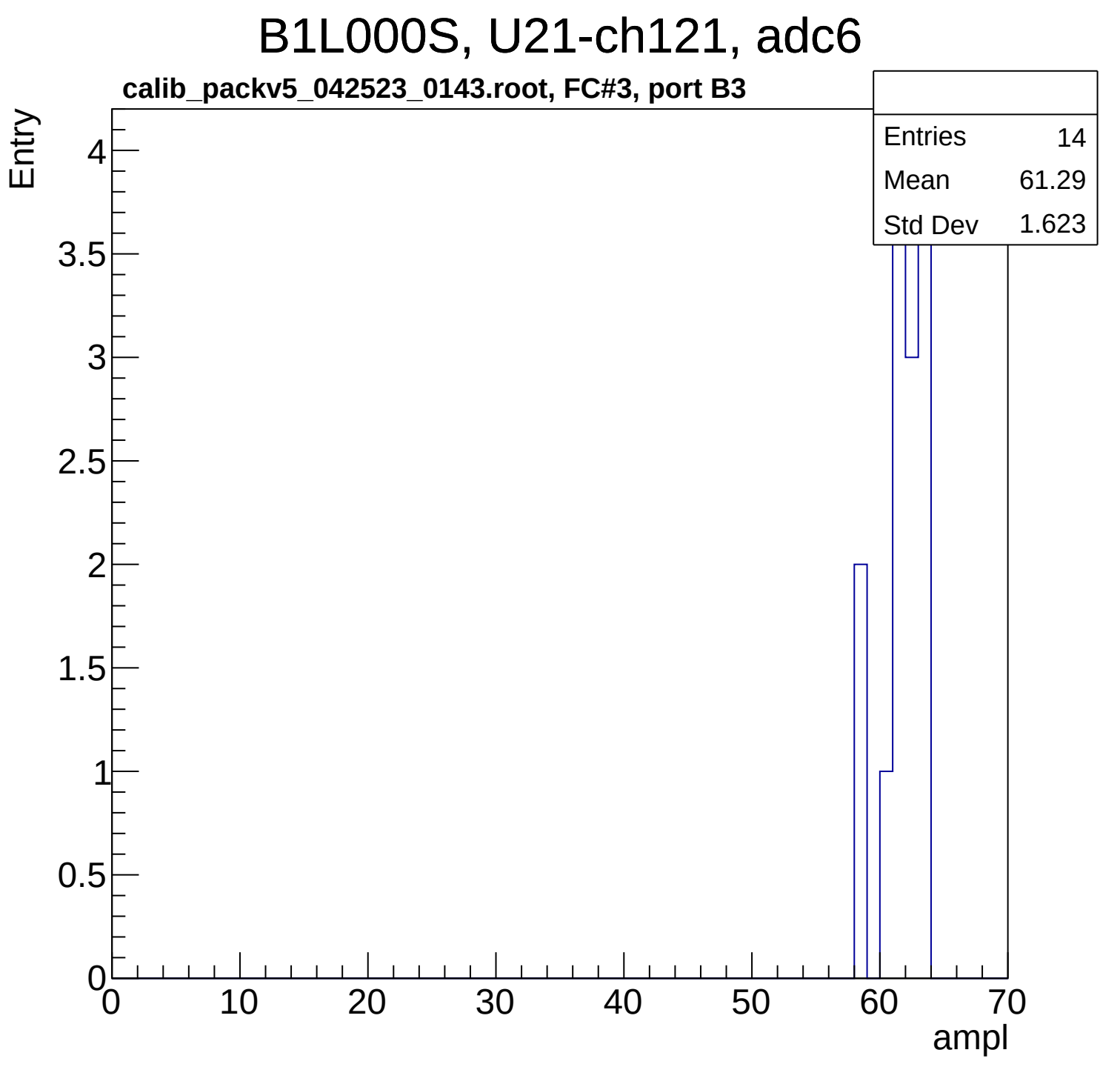

B1L000S, U21-ch121, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 34.94
Std Dev 3.411
Gaus mean : 35.6856
Gaus Width: 3.6313
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

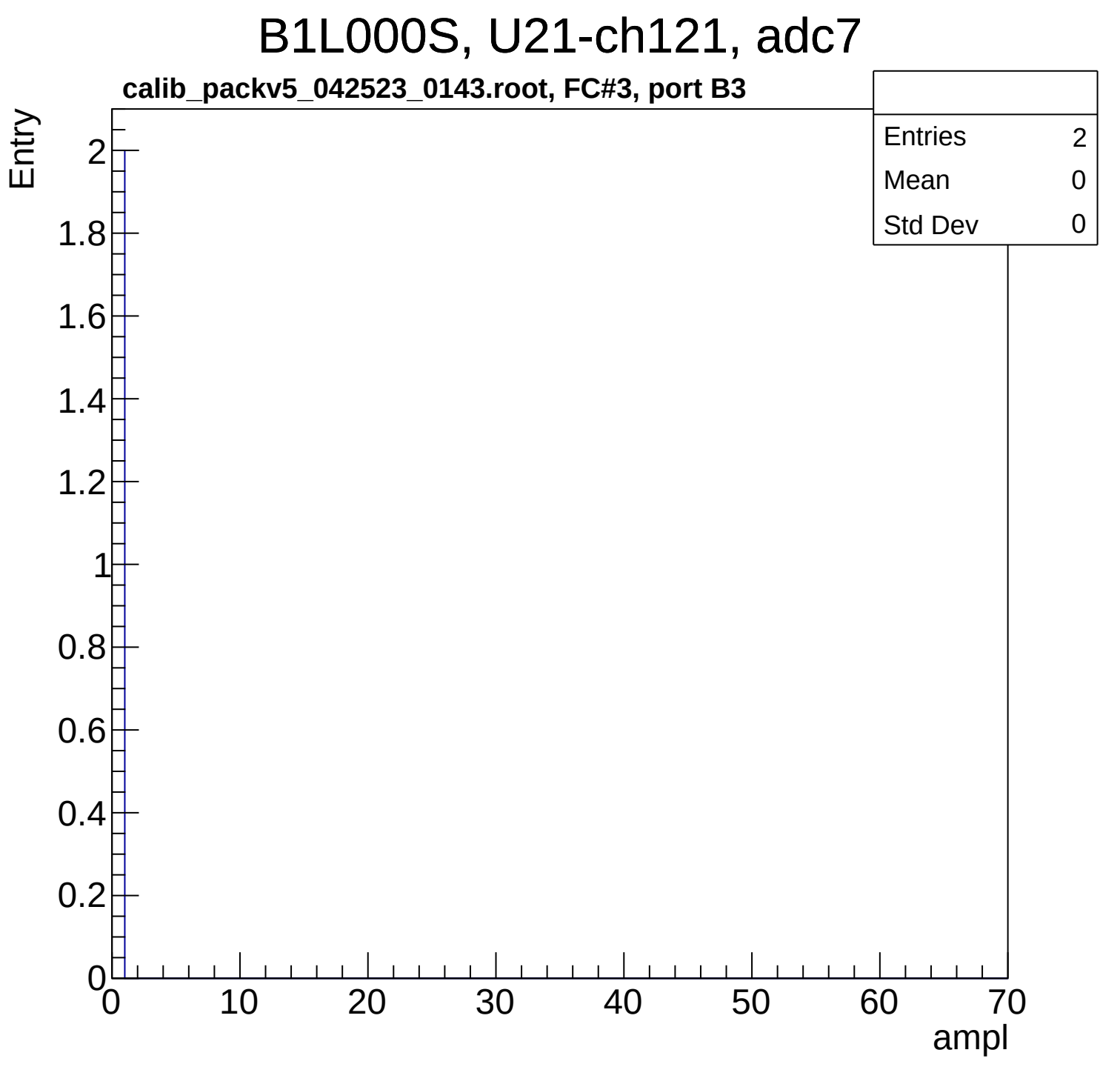

B1L000S, U21-ch121, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 41.08
Std Dev 2.79
Gaus mean : 41.3664
Gaus Width: 2.9186
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

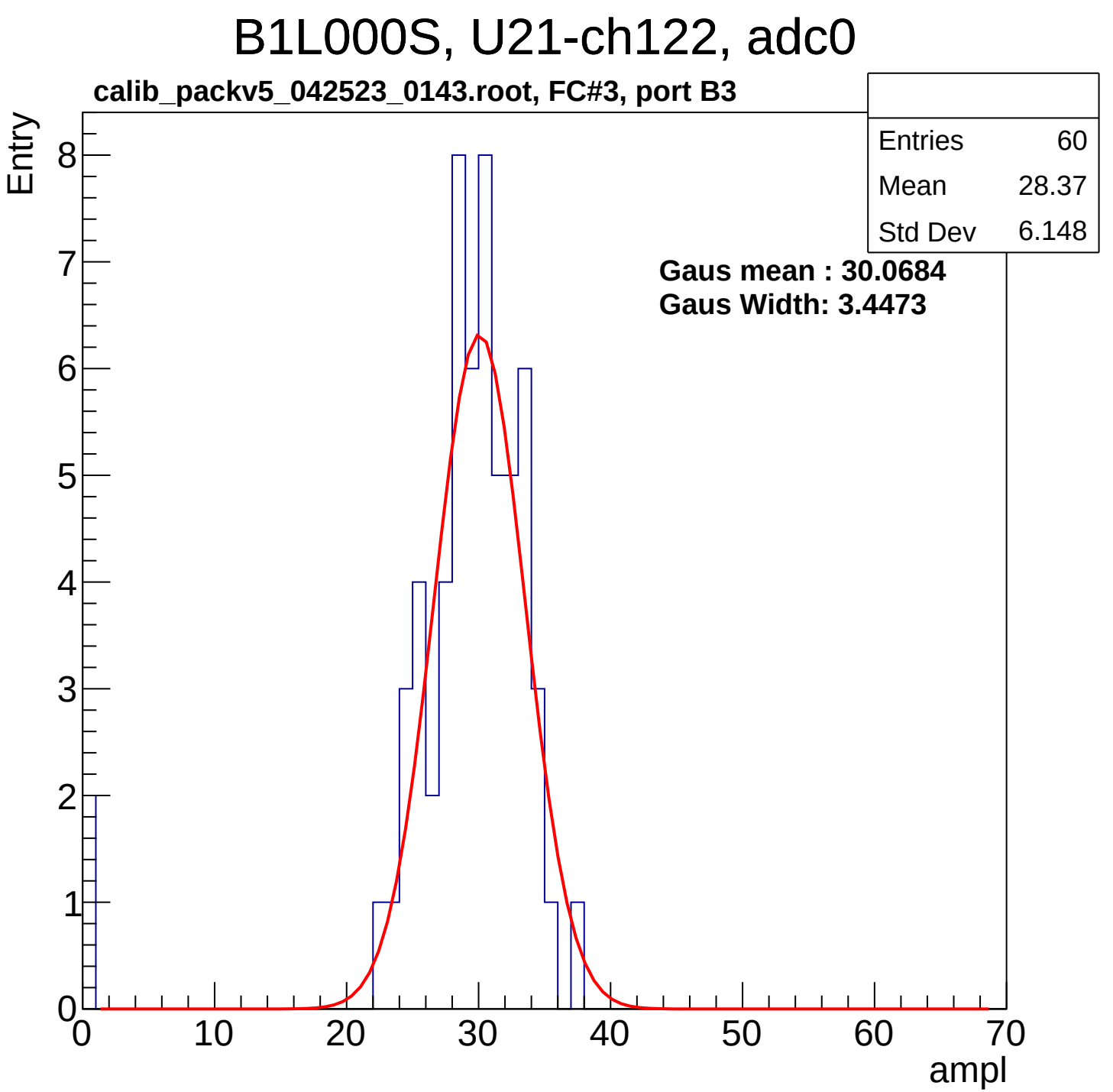

B1L000S, U21-ch121, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 47.29
Std Dev 3.366
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

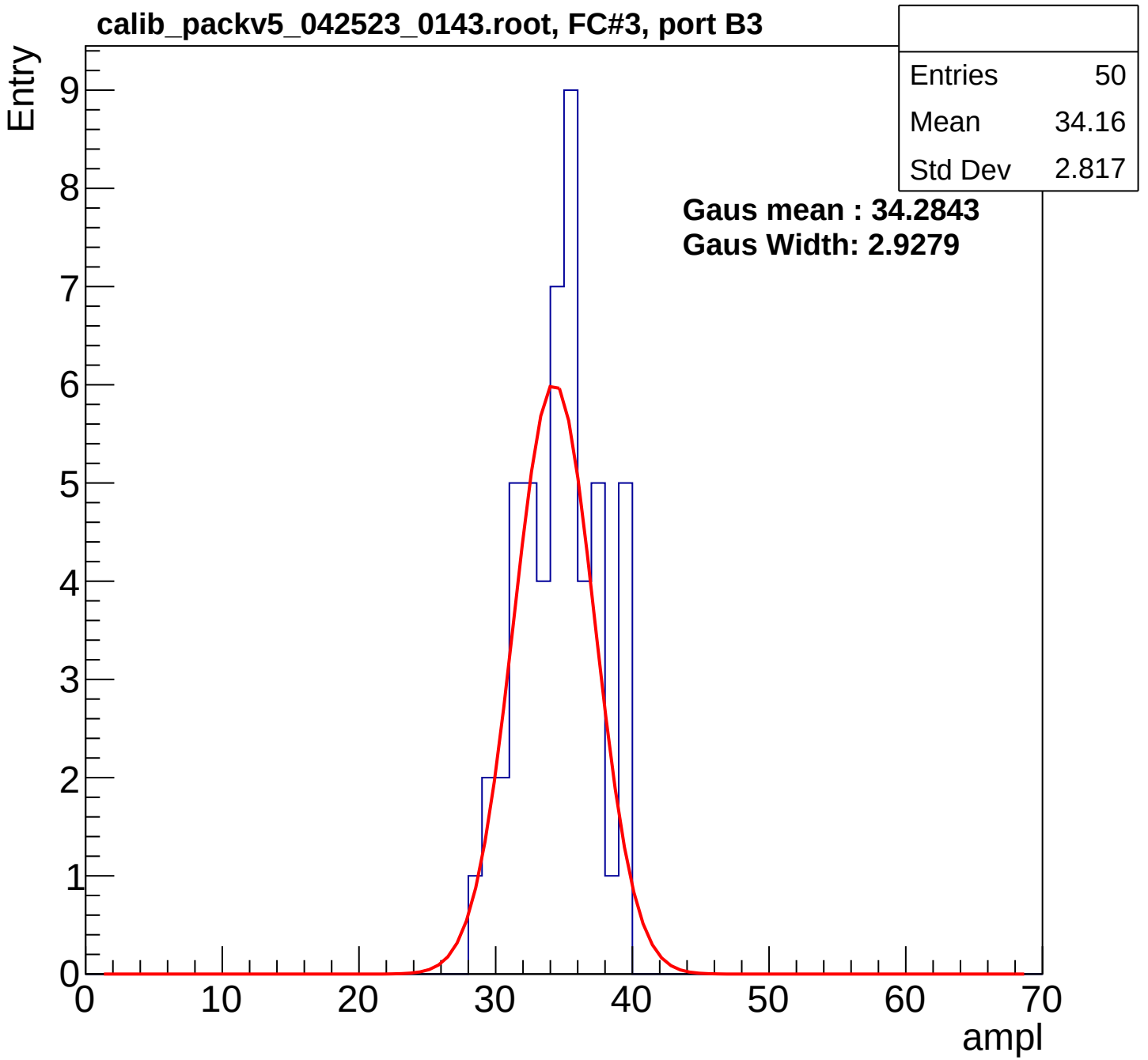

B1L000S, U21-ch121, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 53.91
Std Dev 3.231
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

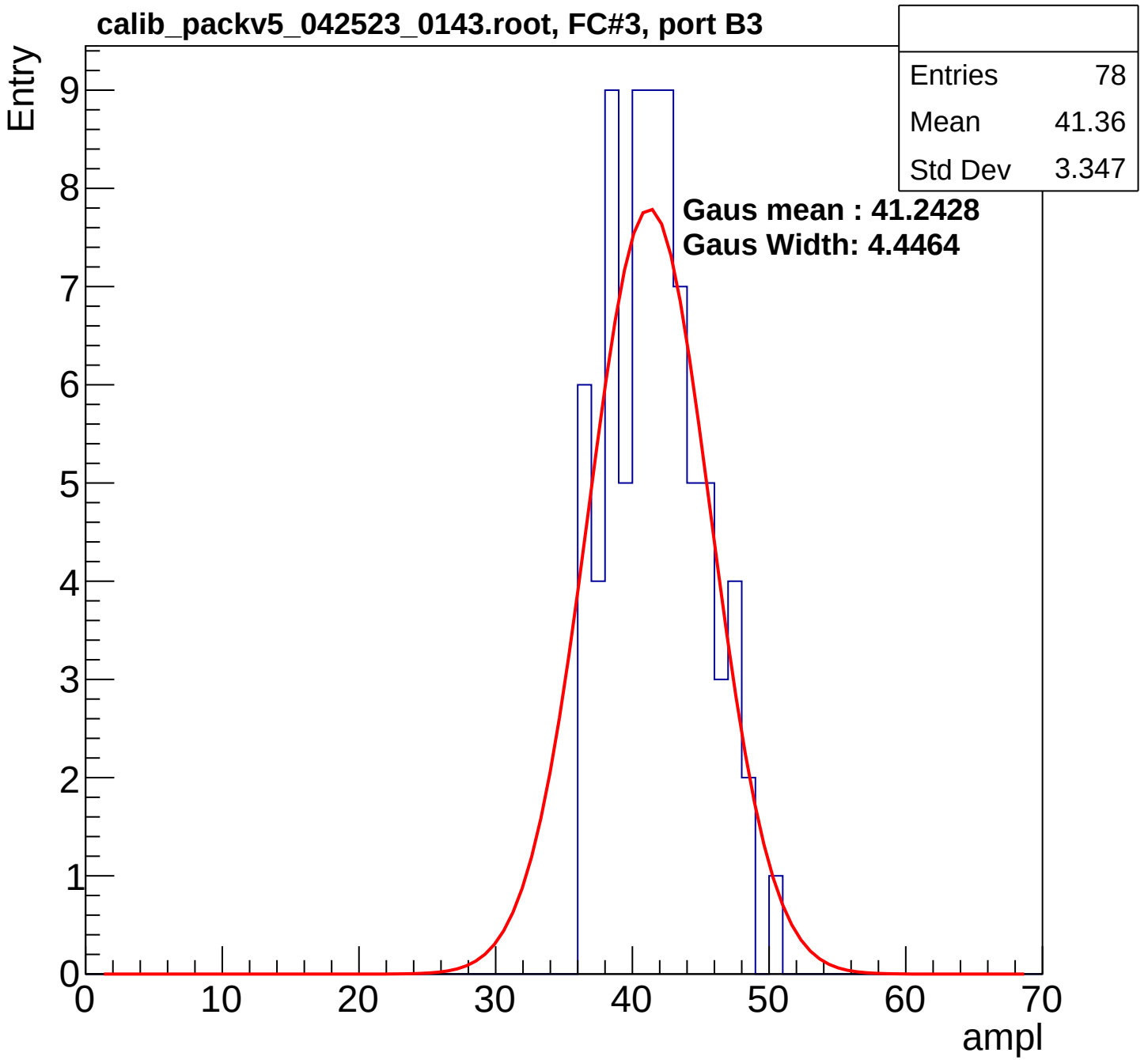

B1L000S, U21-ch121, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 57.95
Std Dev 8.28
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

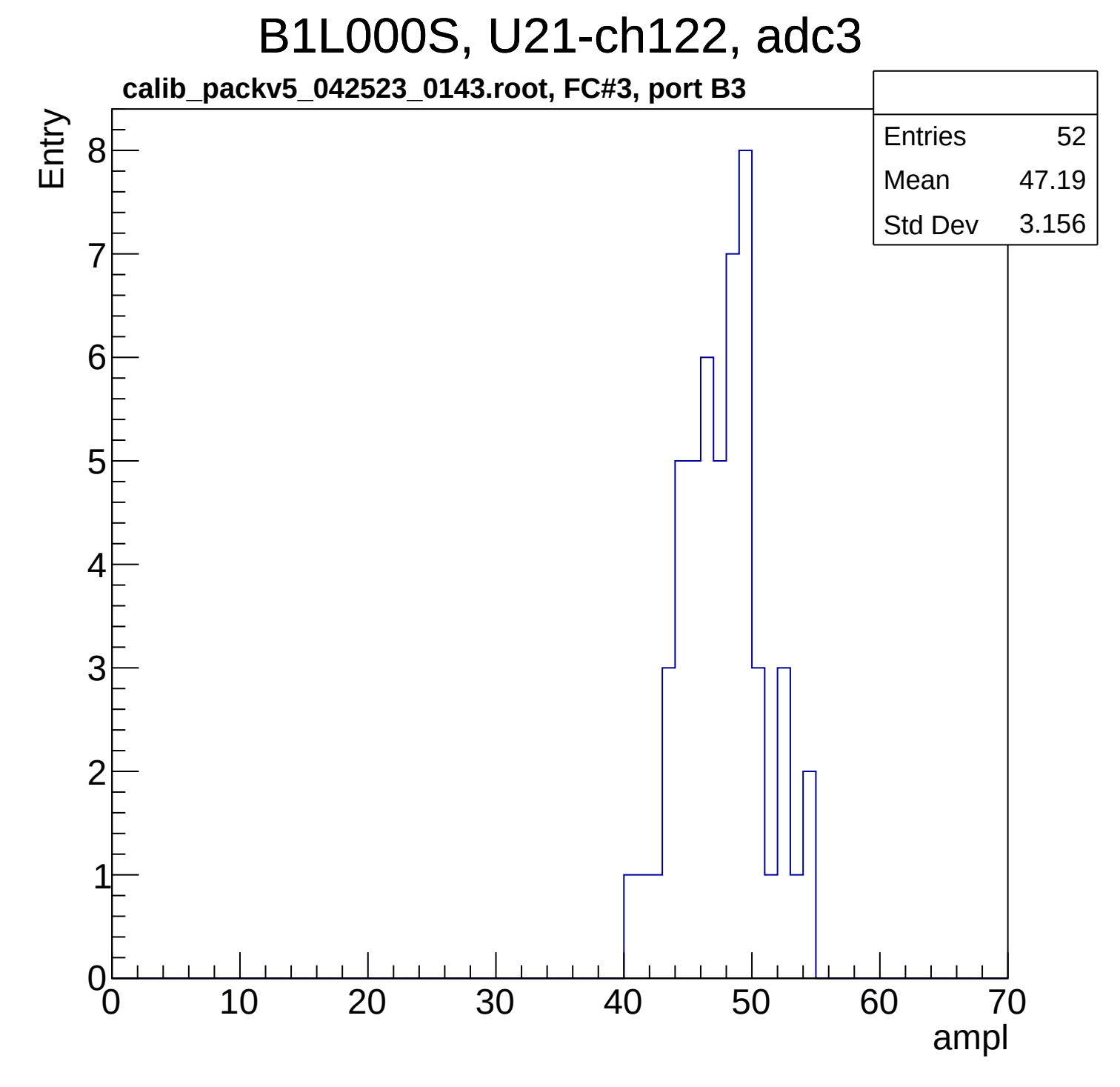

B1L000S, U21-ch121, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 61.29
Std Dev 1.623
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

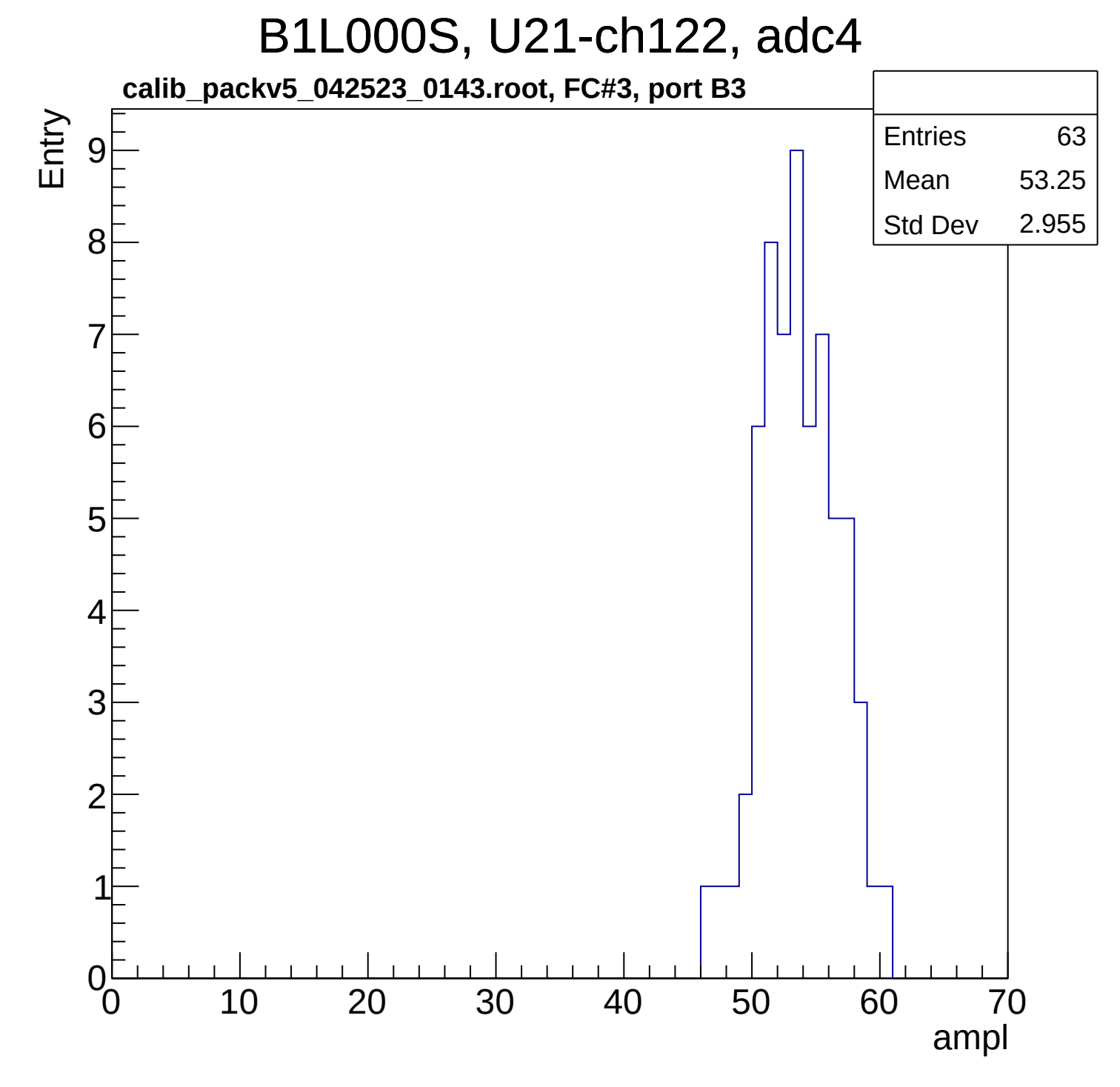

B1L000S, U21-ch121, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

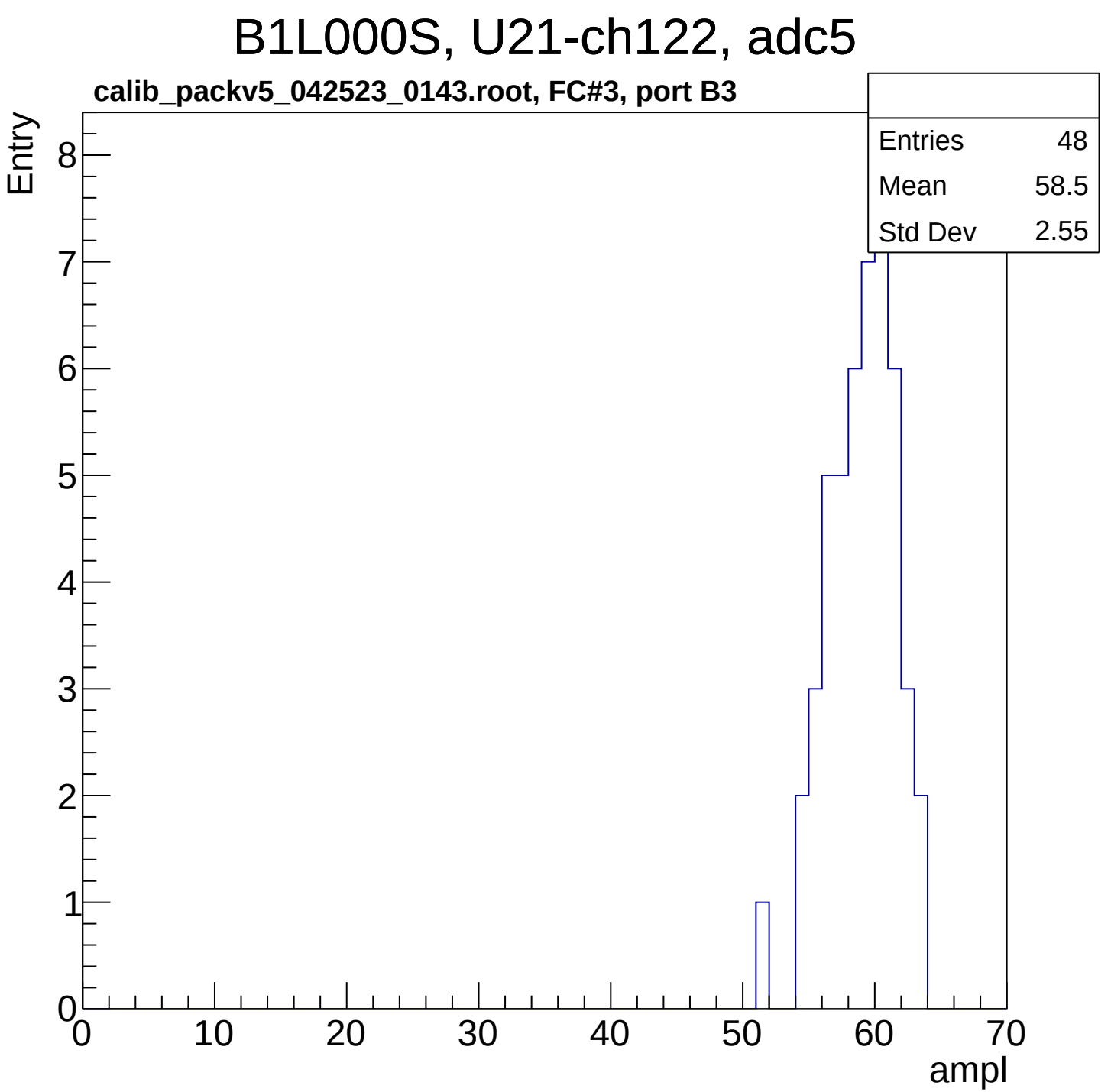

B1L000S, U21-ch122, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 28.37
Std Dev 6.148
Gaus mean : 30.0684
Gaus Width: 3.4473
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

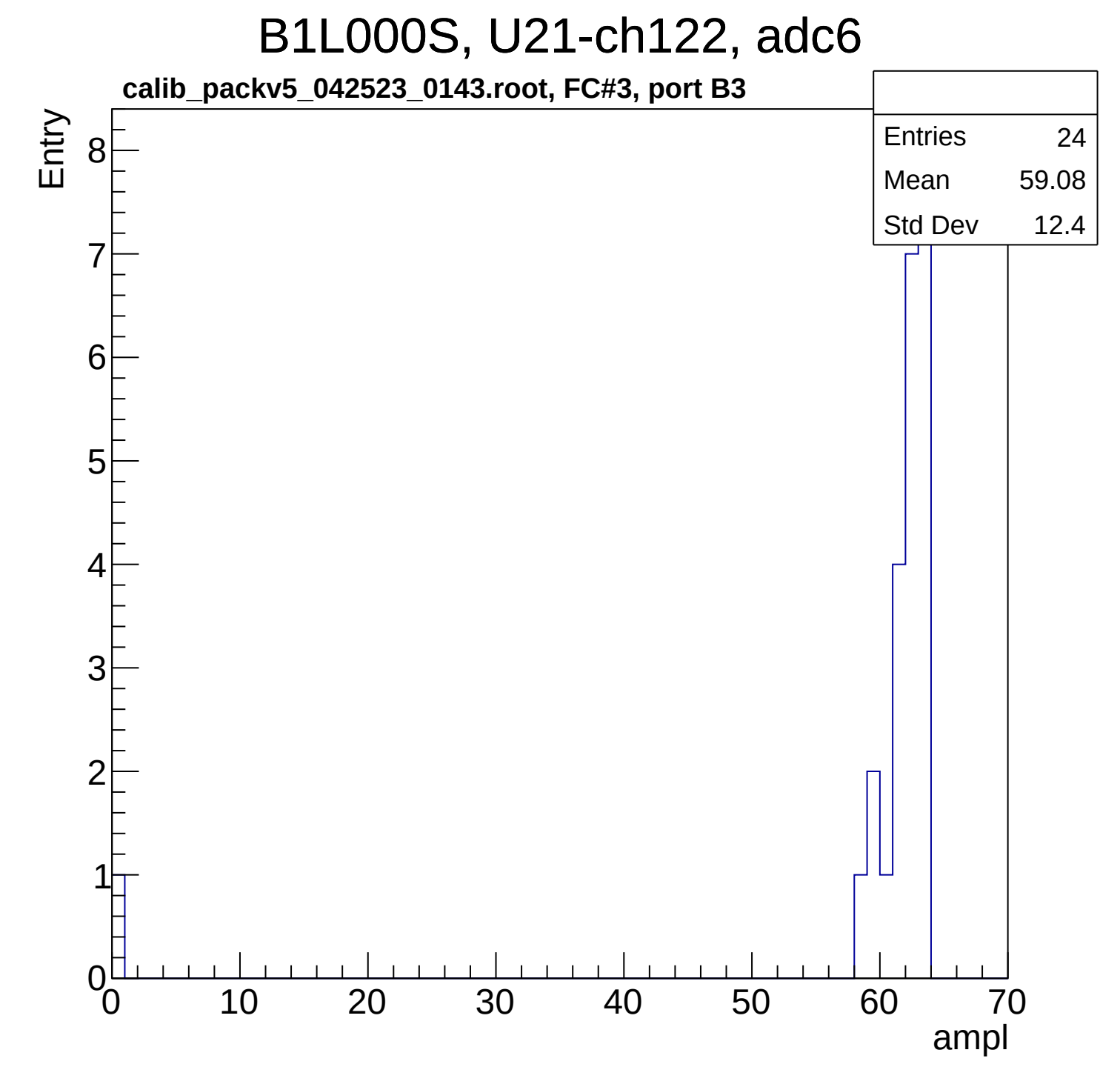

B1L000S, U21-ch122, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 34.16
Std Dev 2.817
Gaus mean : 34.2843
Gaus Width: 2.9279
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

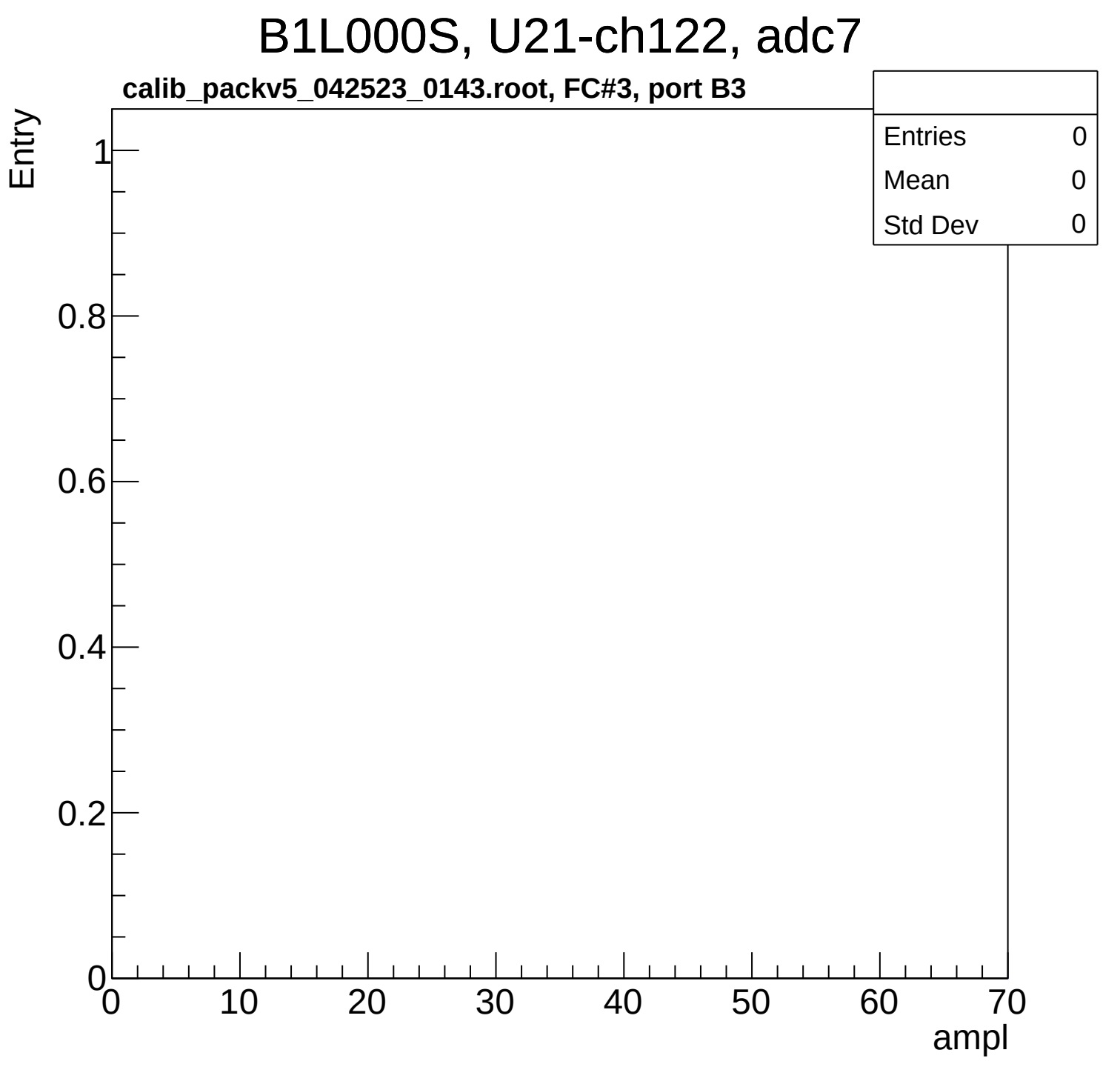

B1L000S, U21-ch122, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 41.36
Std Dev 3.347
Gaus mean : 41.2428
Gaus Width: 4.4464
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

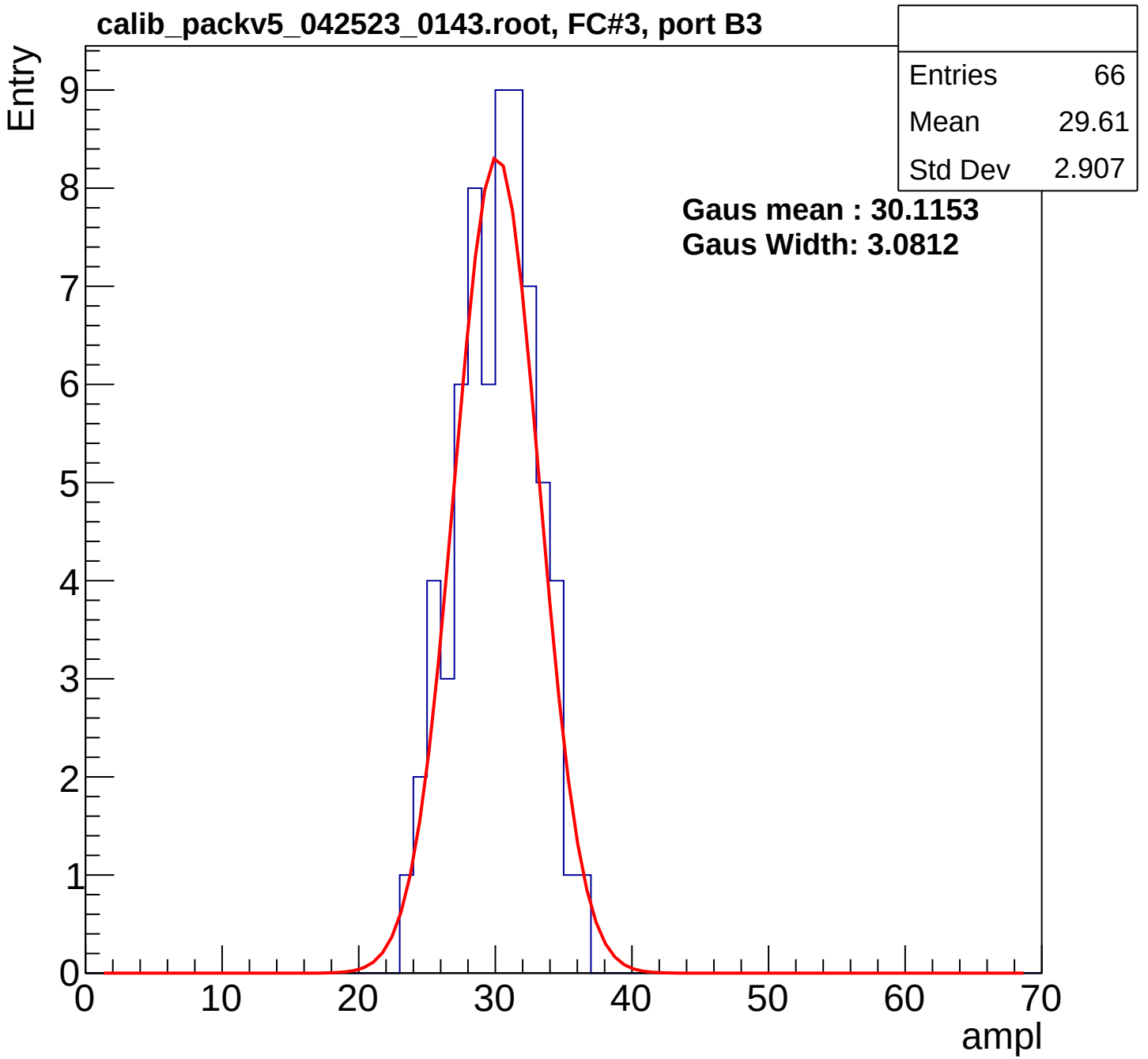

B1L000S, U21-ch122, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 47.19
Std Dev 3.156
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

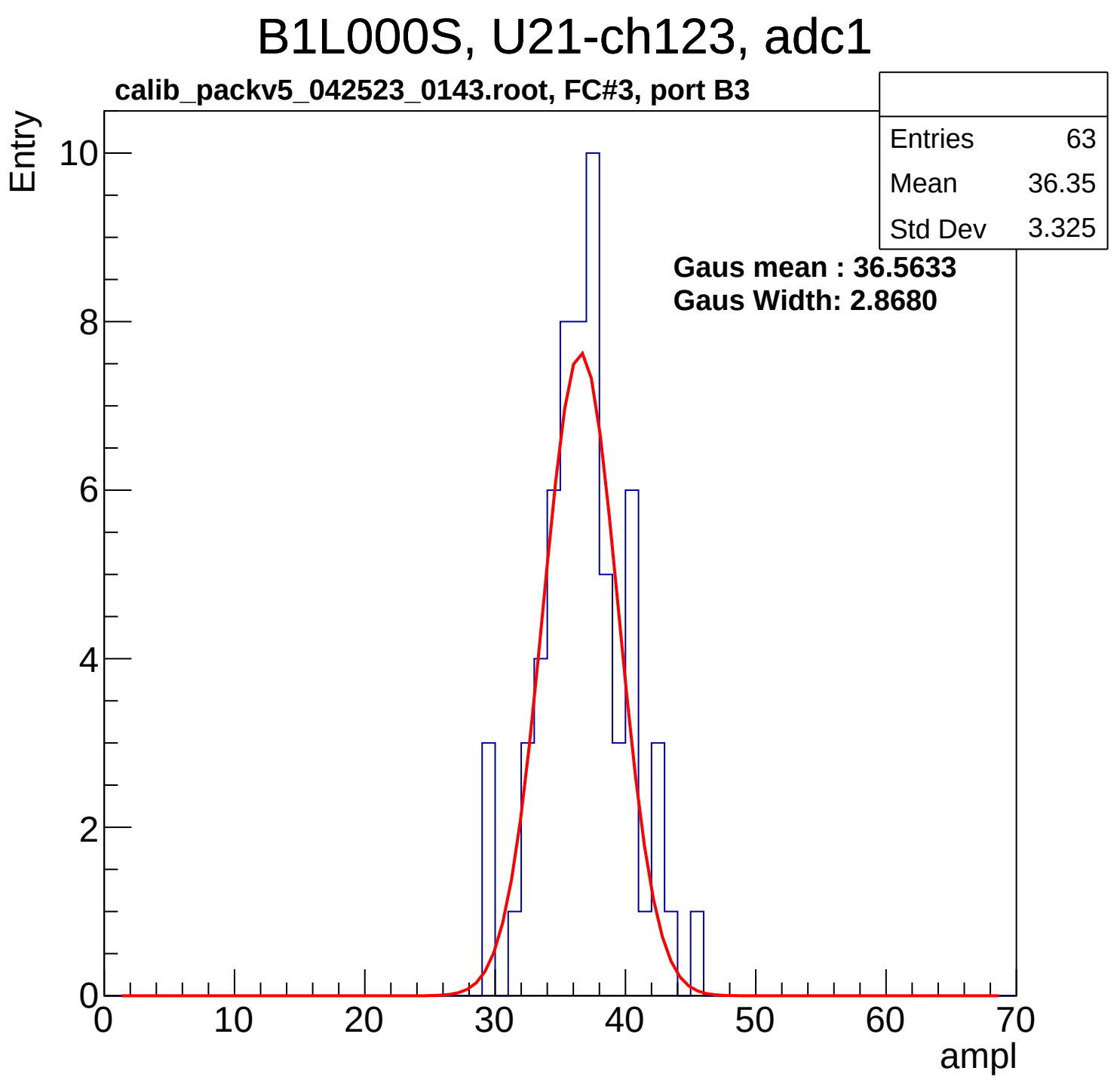

B1L000S, U21-ch122, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 53.25
Std Dev 2.955
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

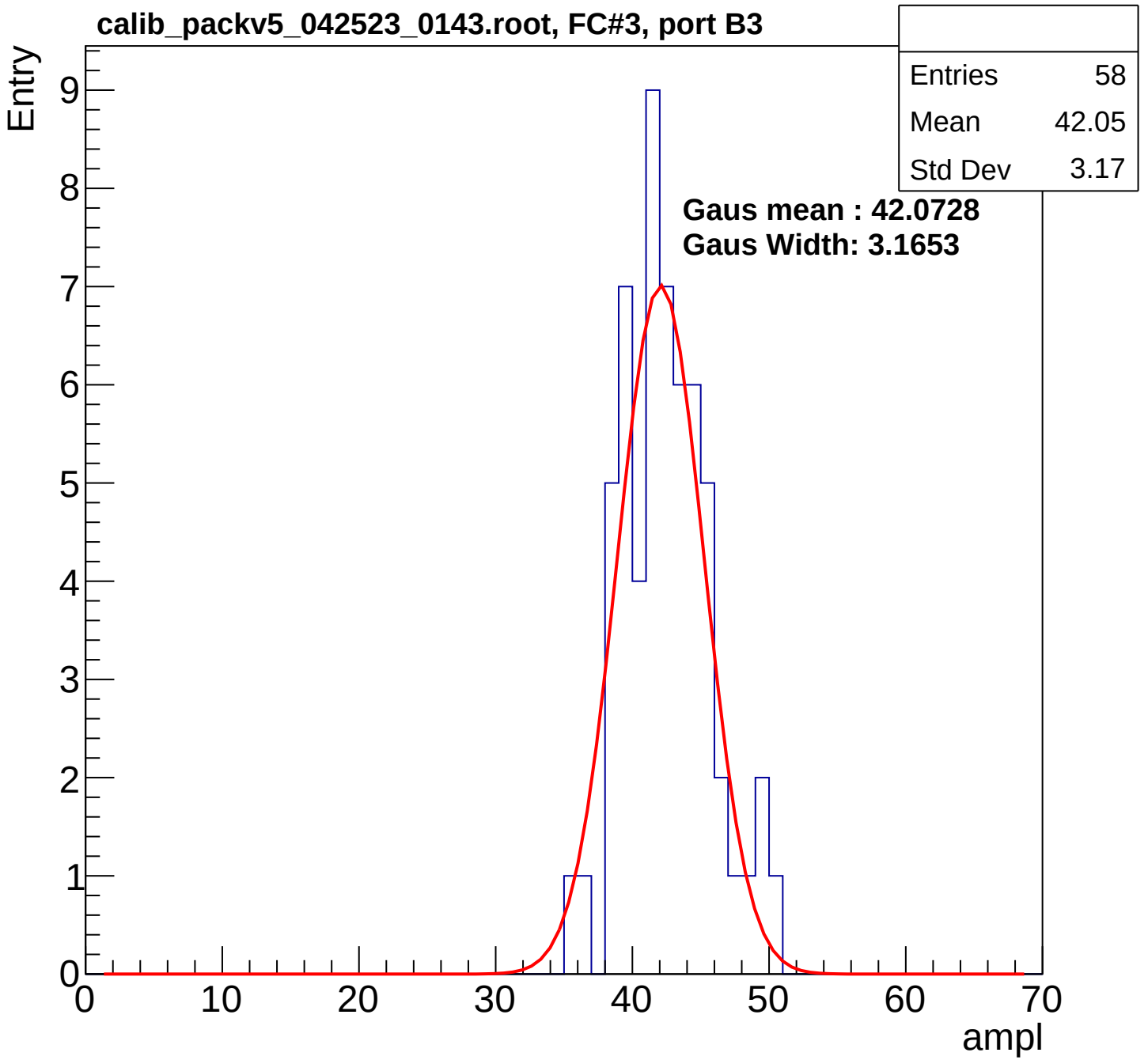

B1L000S, U21-ch122, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 58.5
Std Dev 2.55
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

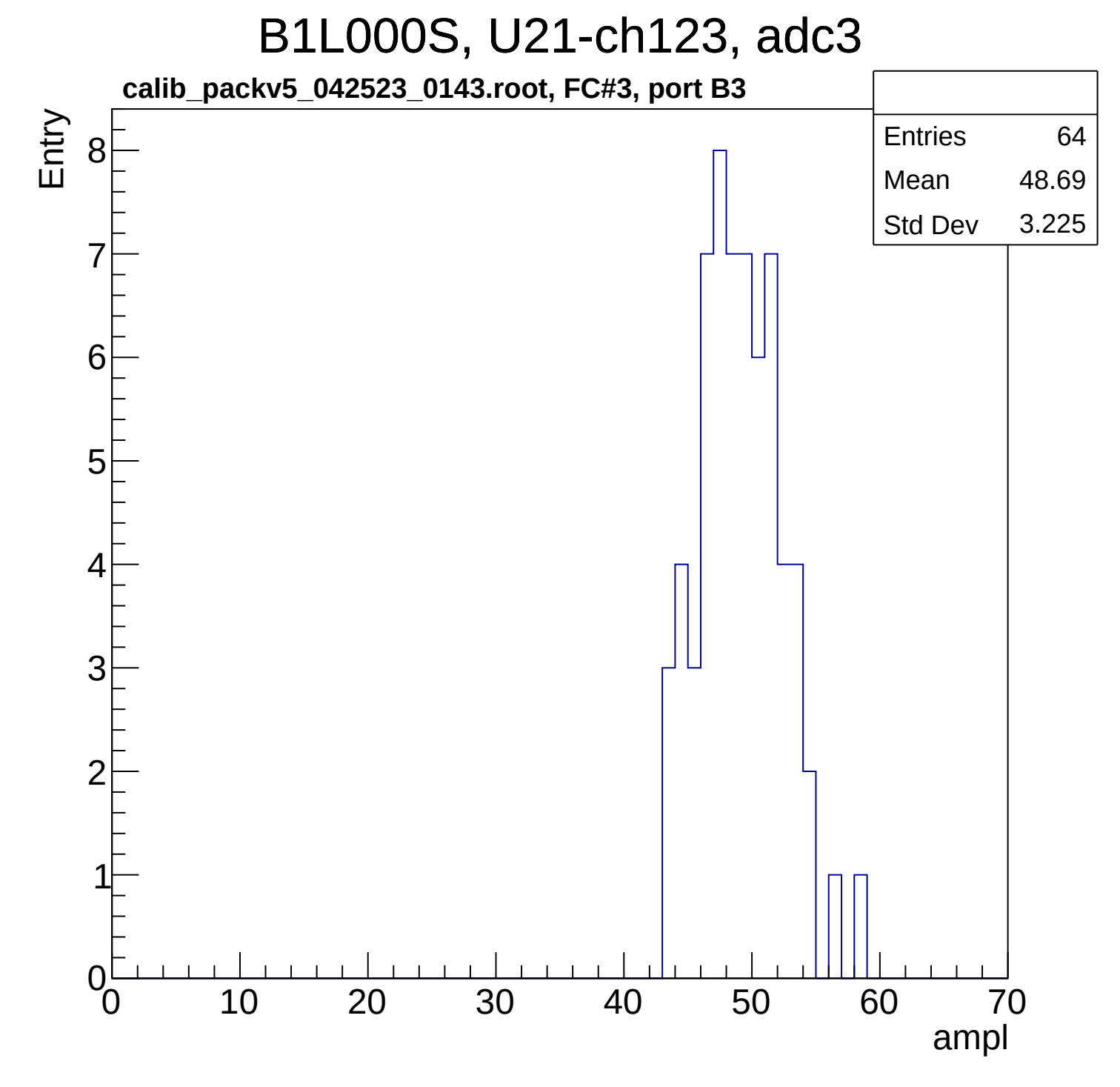

B1L000S, U21-ch122, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 24
Mean 59.08
Std Dev 12.4
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

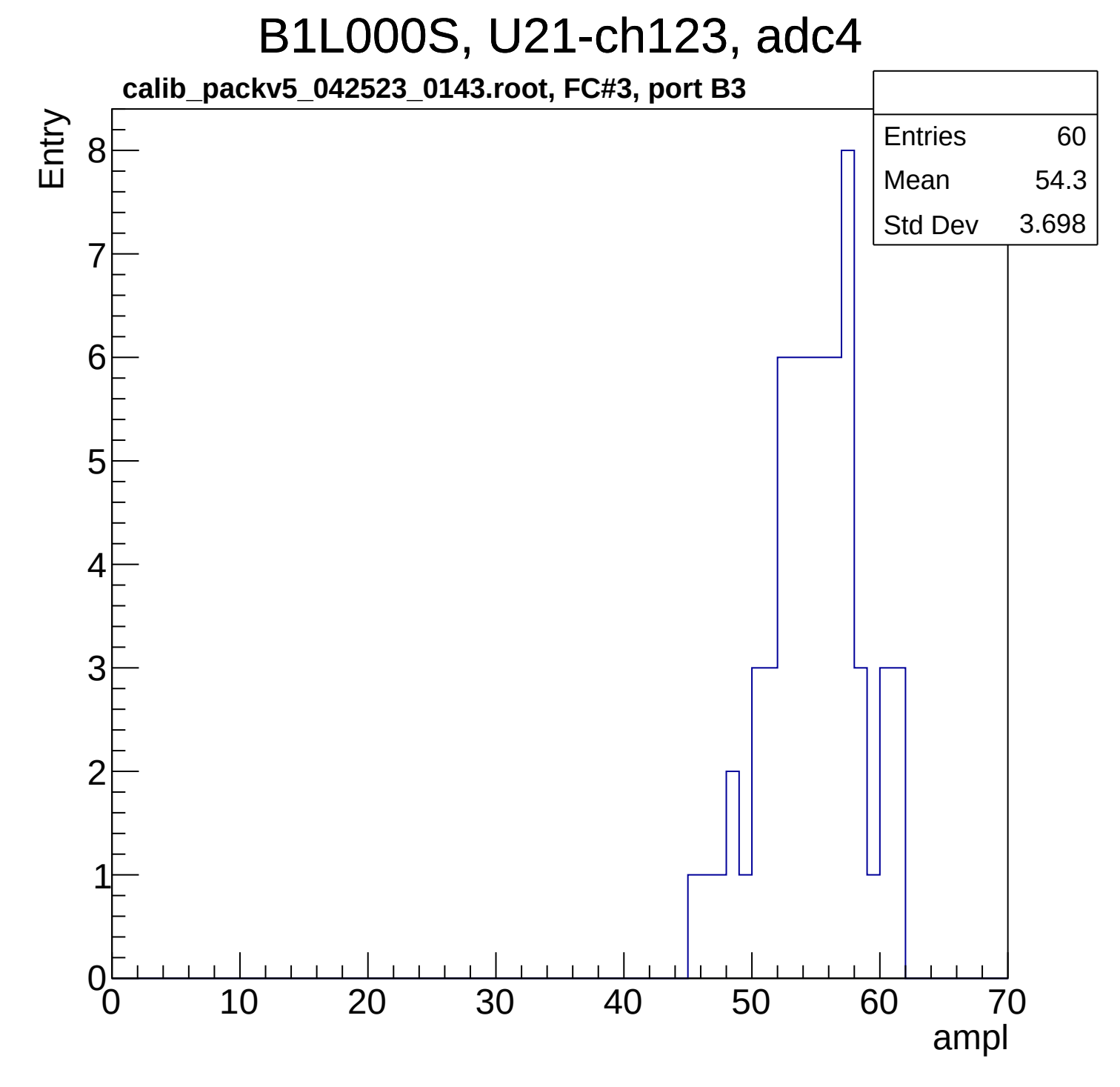

B1L000S, U21-ch122, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

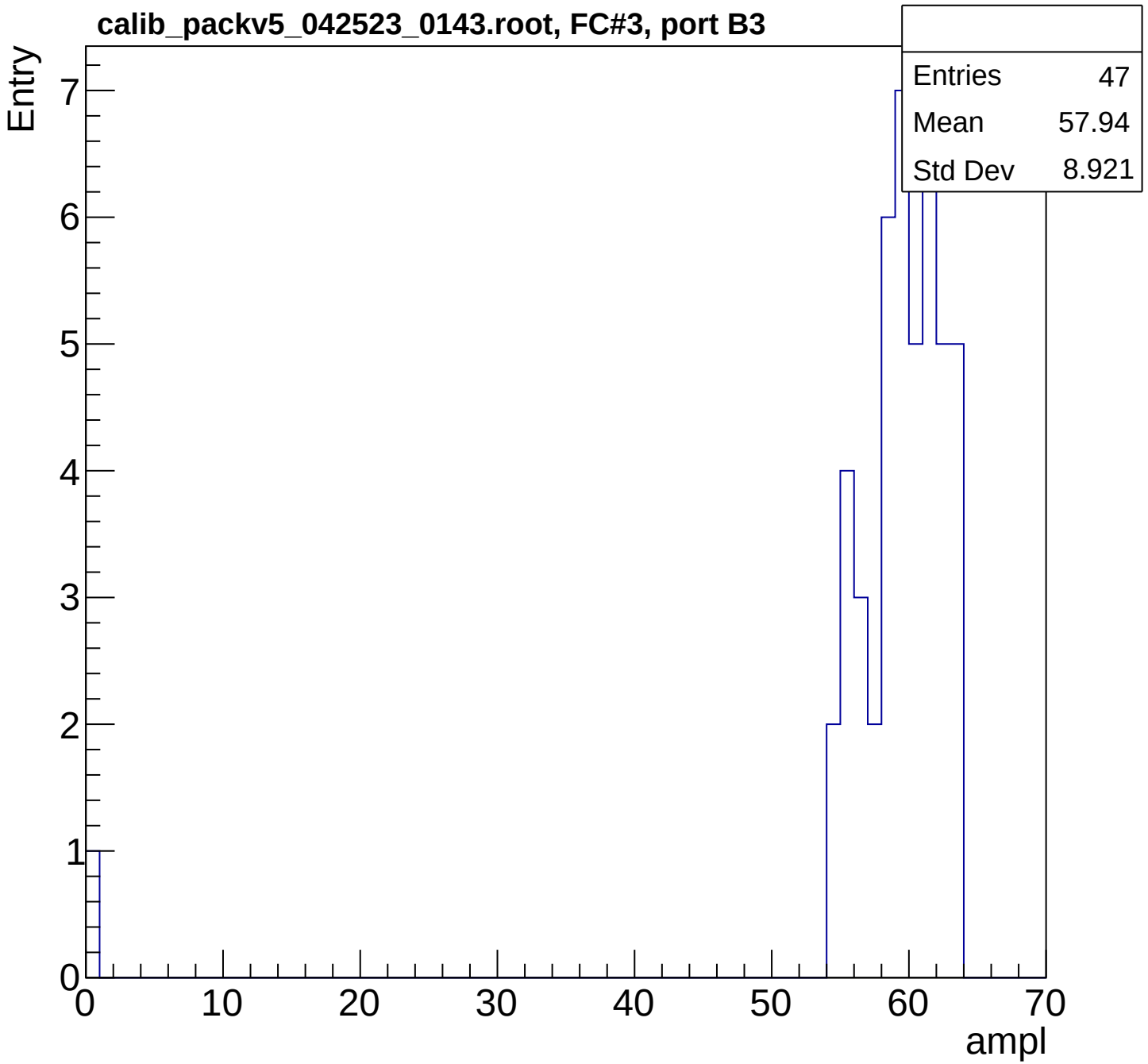

B1L000S, U21-ch123, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 29.61
Std Dev 2.907
Gaus mean : 30.1153
Gaus Width: 3.0812
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

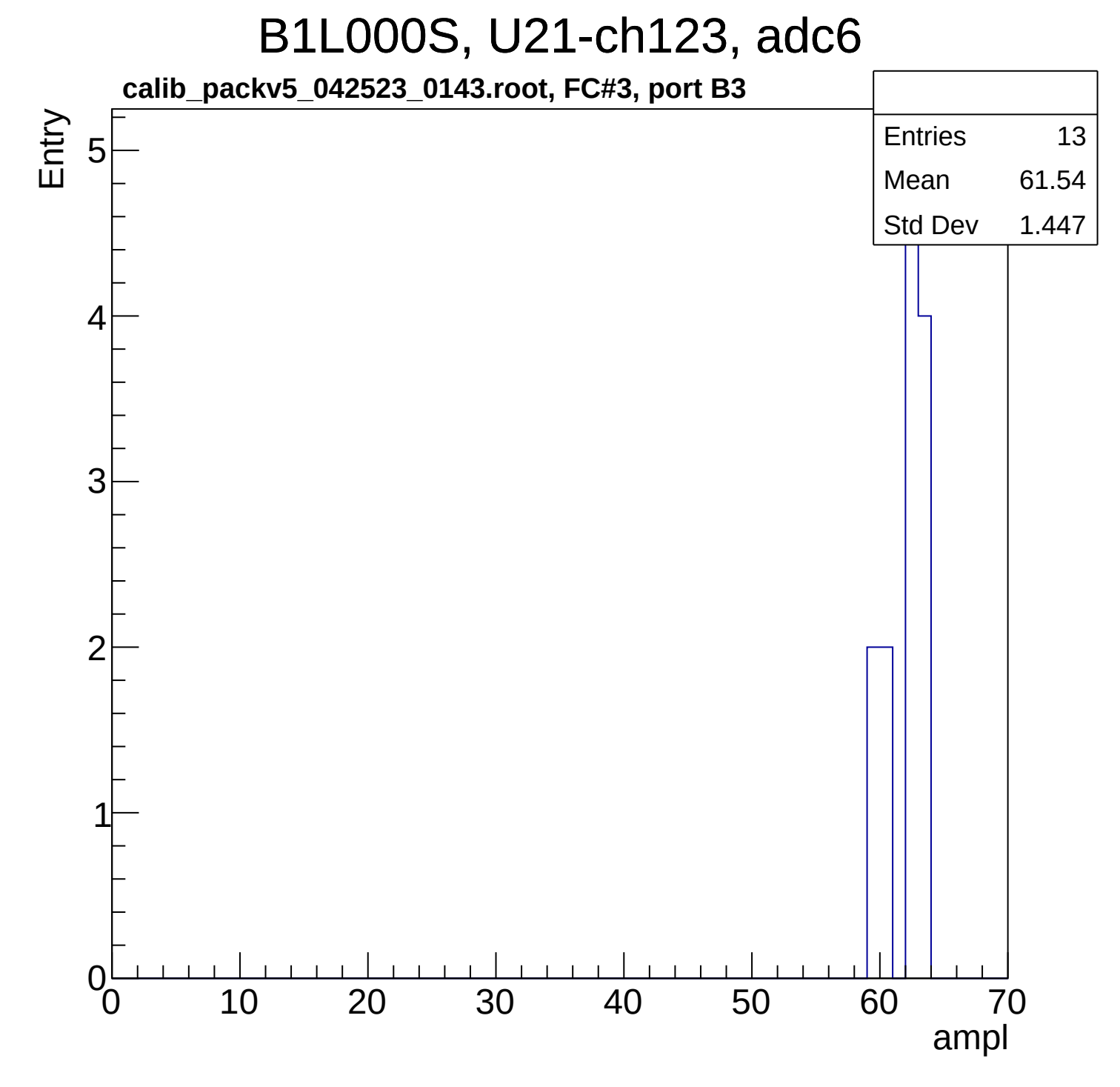

B1L000S, U21-ch123, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 36.35
Std Dev 3.325
Gaus mean : 36.5633
Gaus Width: 2.8680
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

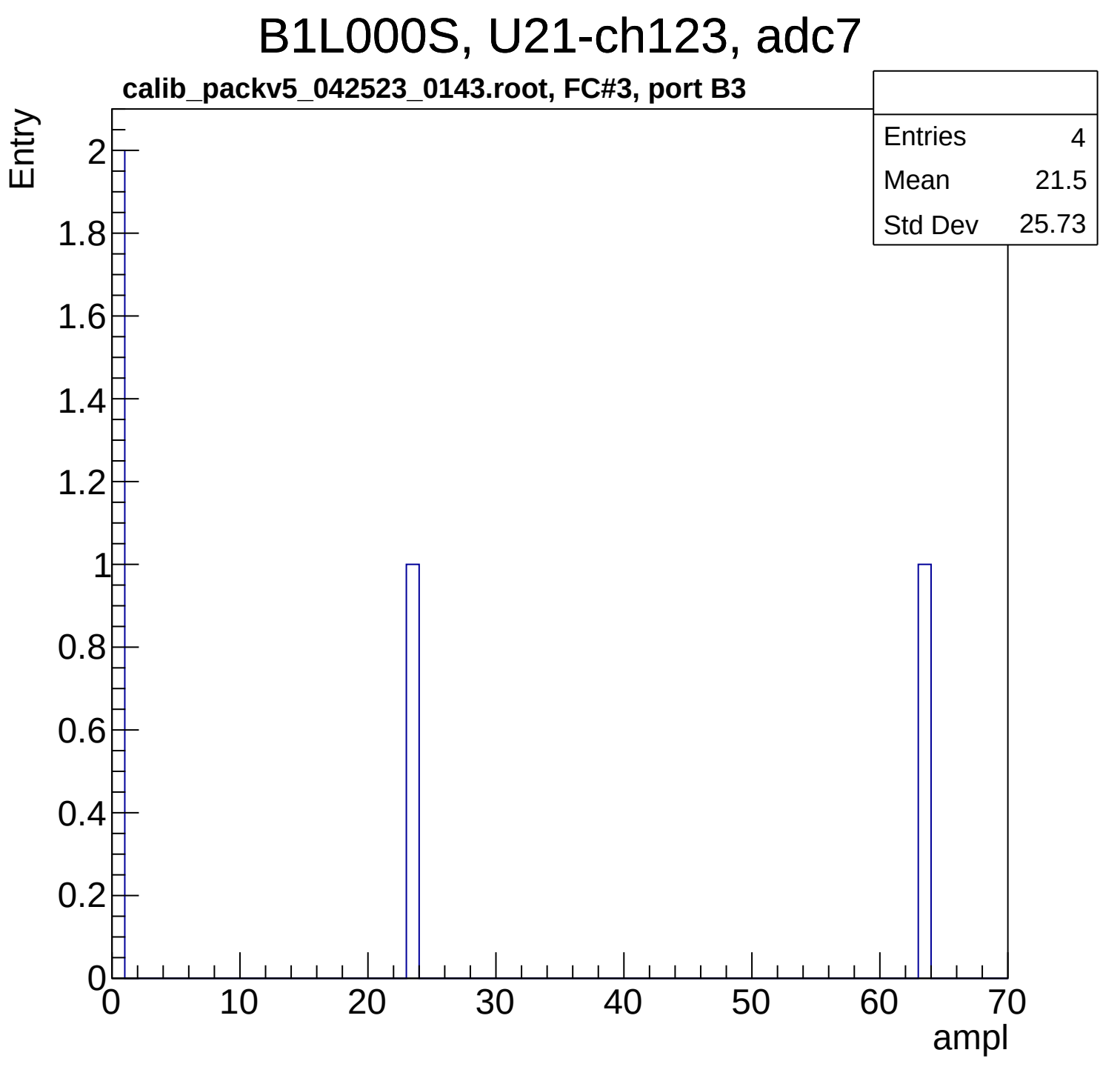

B1L000S, U21-ch123, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 42.05
Std Dev 3.17
Gaus mean : 42.0728
Gaus Width: 3.1653
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

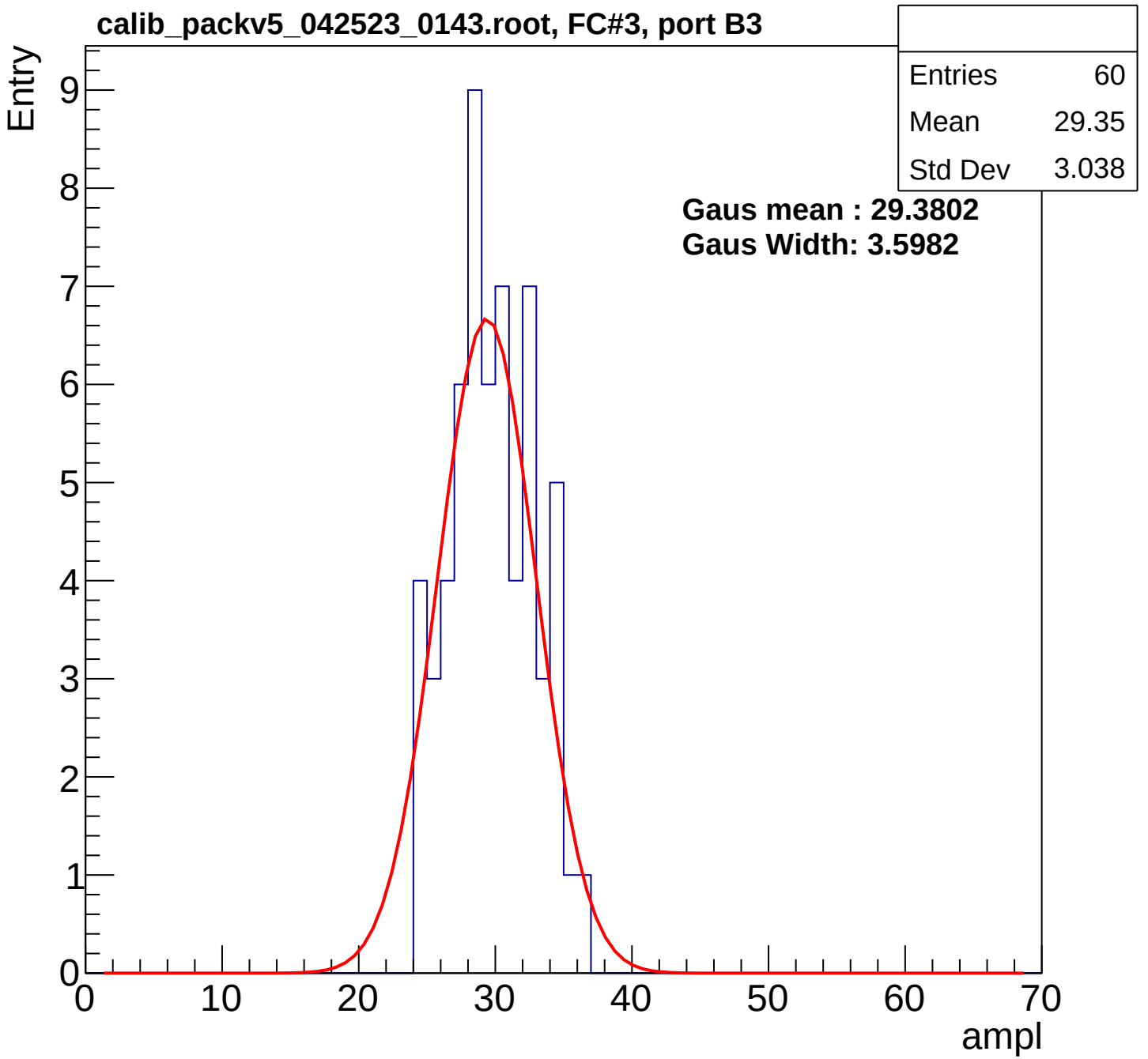

B1L000S, U21-ch123, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 48.69
Std Dev 3.225
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

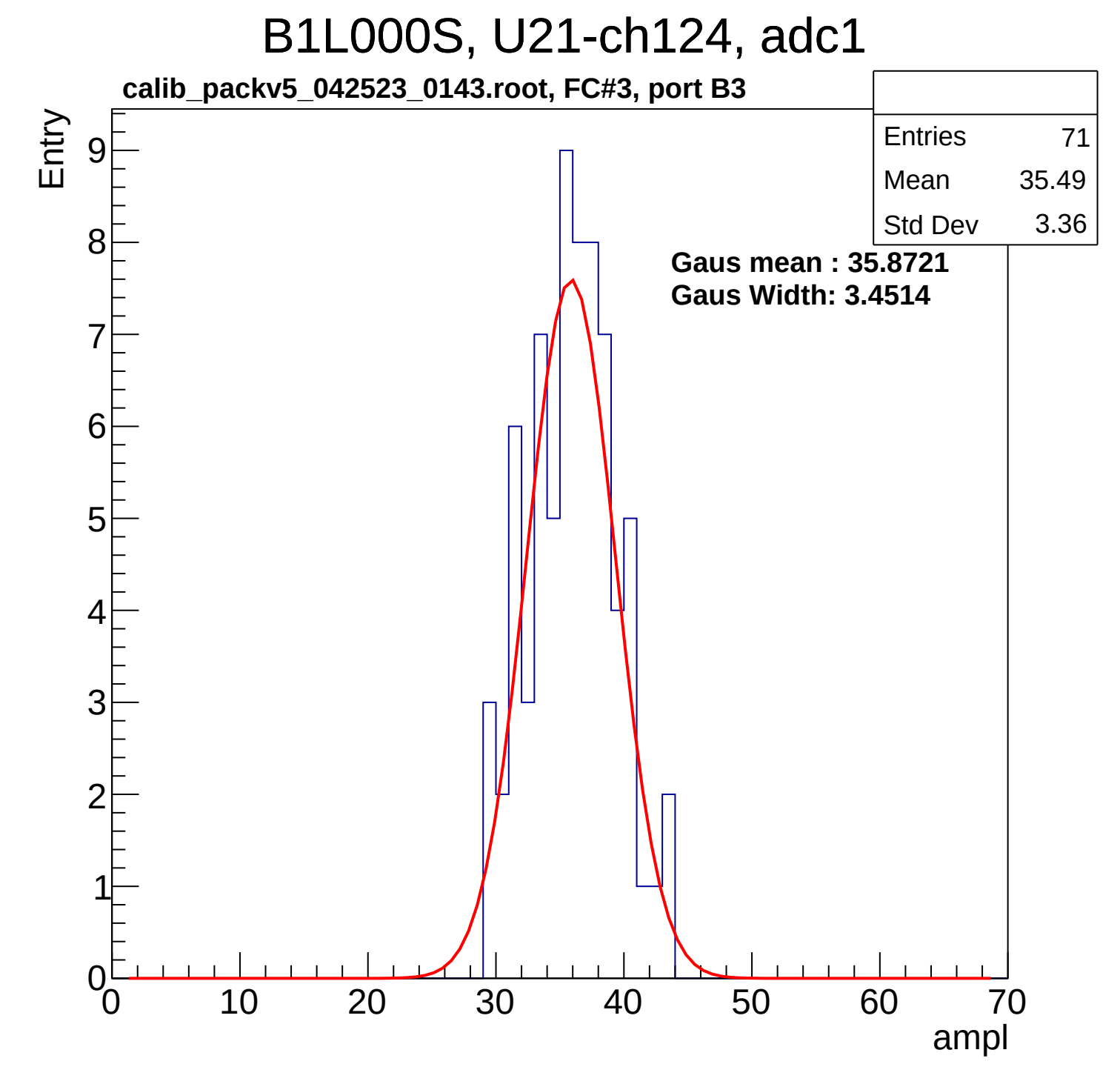

B1L000S, U21-ch123, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 54.3
Std Dev 3.698
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

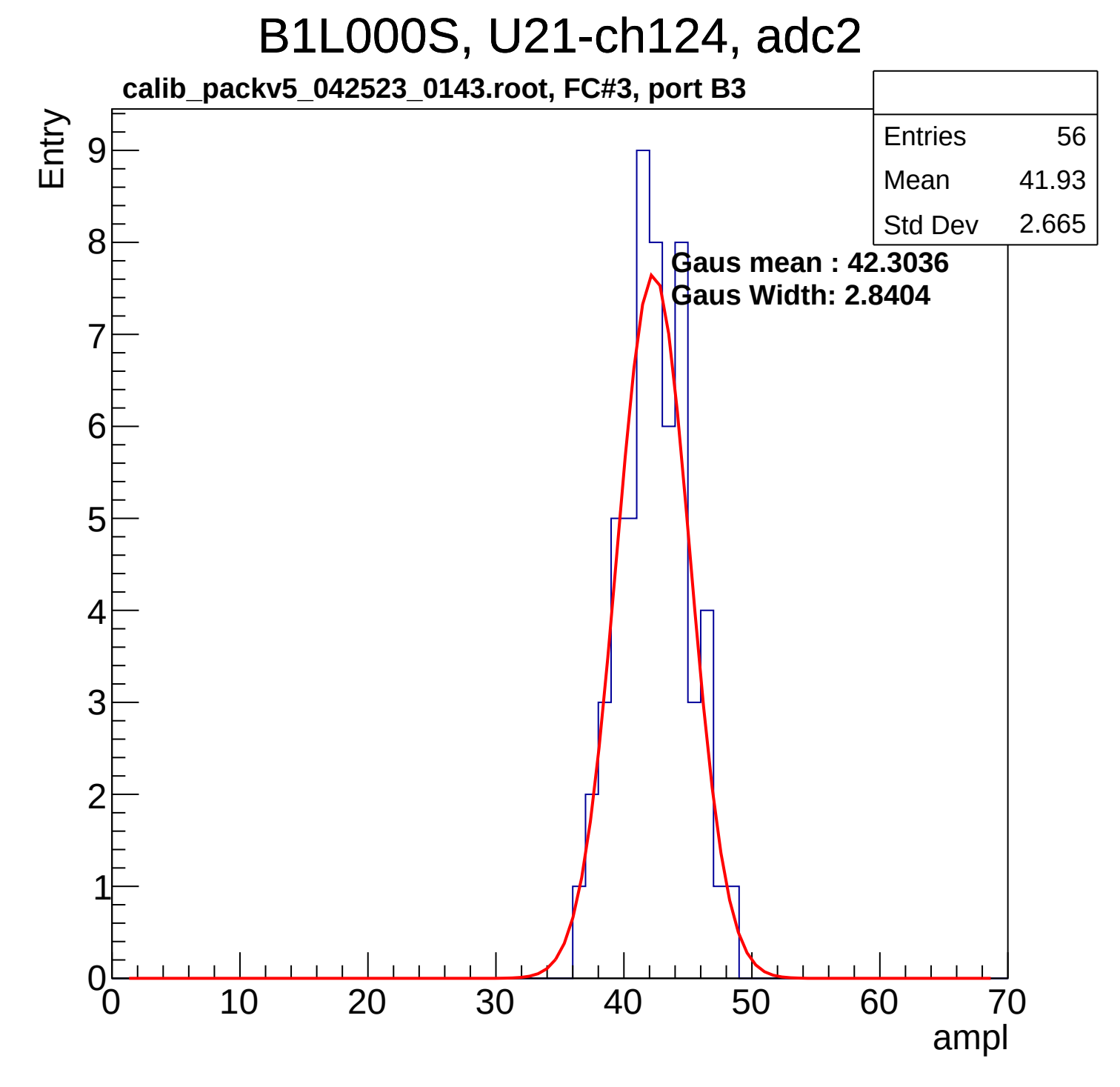

B1L000S, U21-ch123, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 57.94
Std Dev 8.921
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

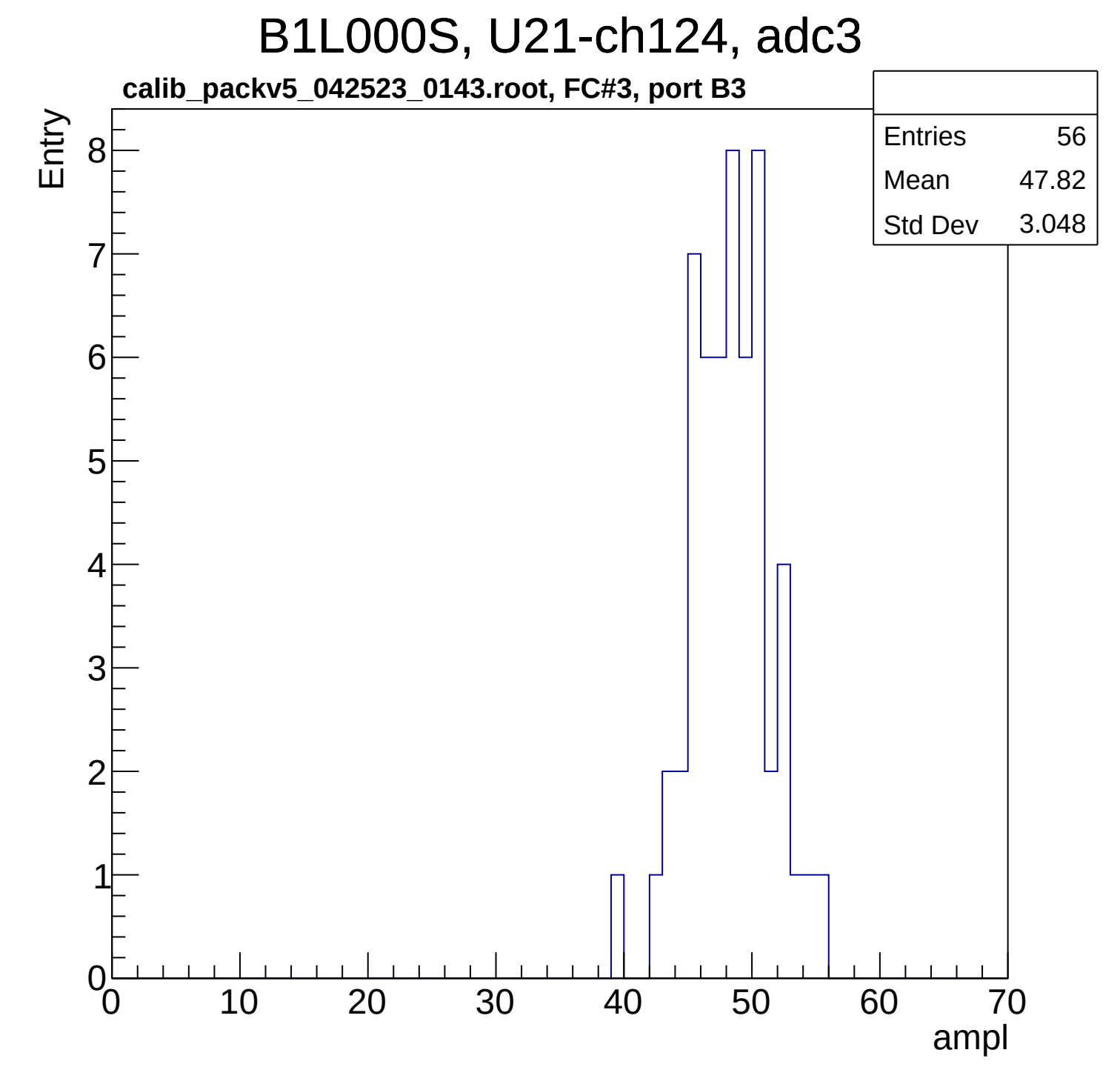

B1L000S, U21-ch123, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 61.54
Std Dev 1.447
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70

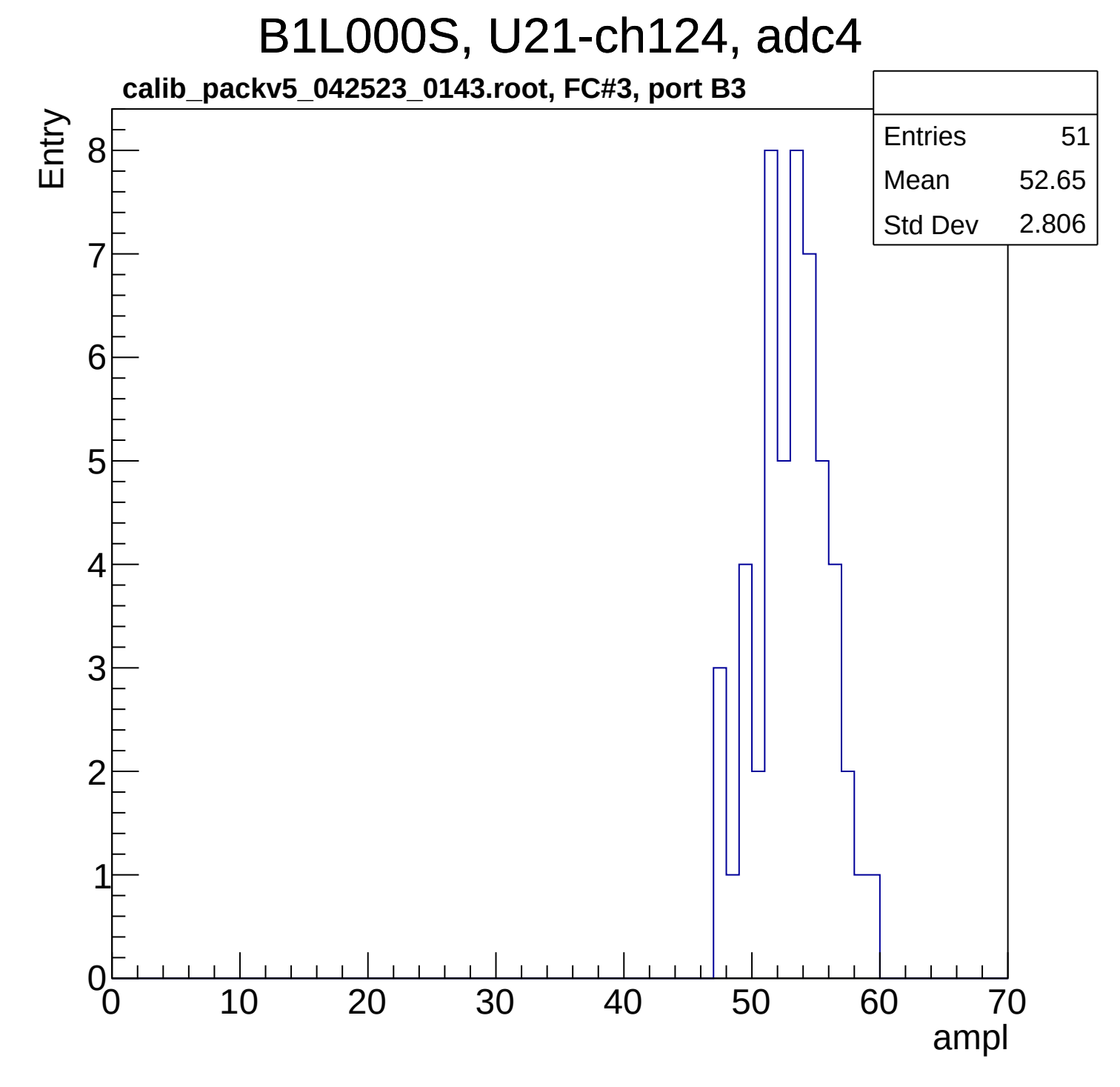

B1L000S, U21-ch123, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 21.5
Std Dev 25.73
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

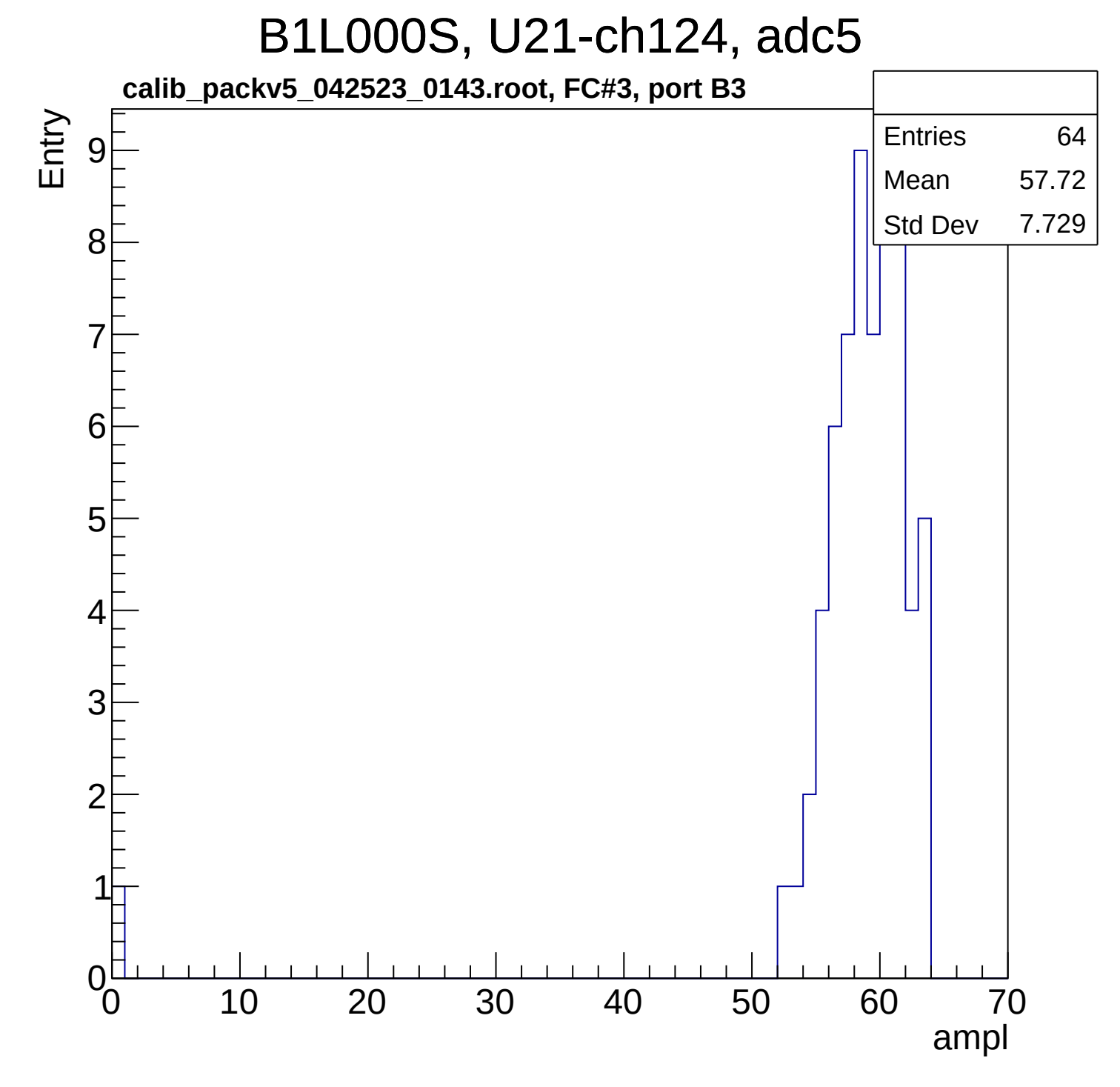

B1L000S, U21-ch124, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 29.35
Std Dev 3.038
Gaus mean : 29.3802
Gaus Width: 3.5982
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

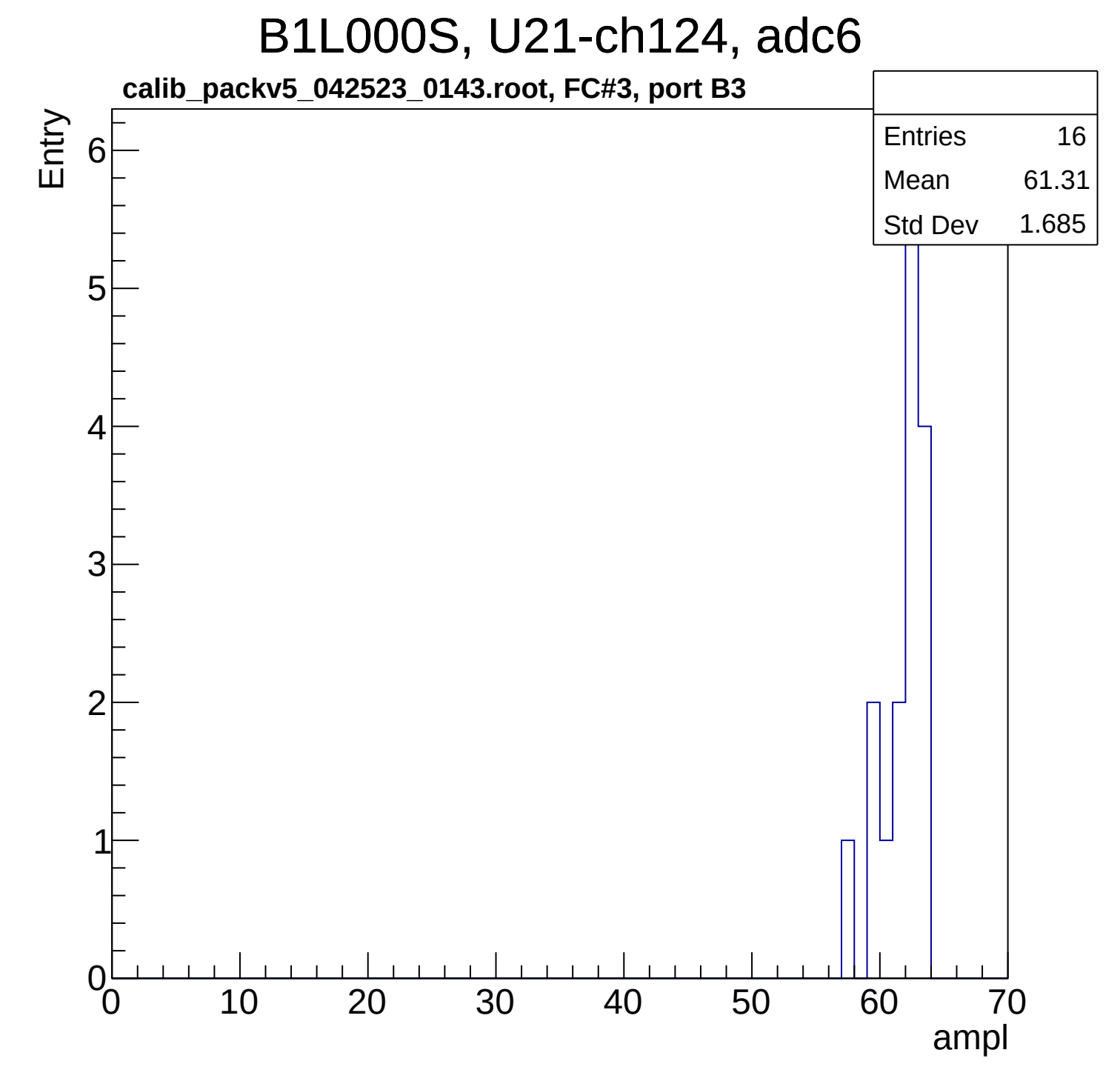

B1L000S, U21-ch124, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 35.49
Std Dev 3.36
Gaus mean : 35.8721
Gaus Width: 3.4514
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

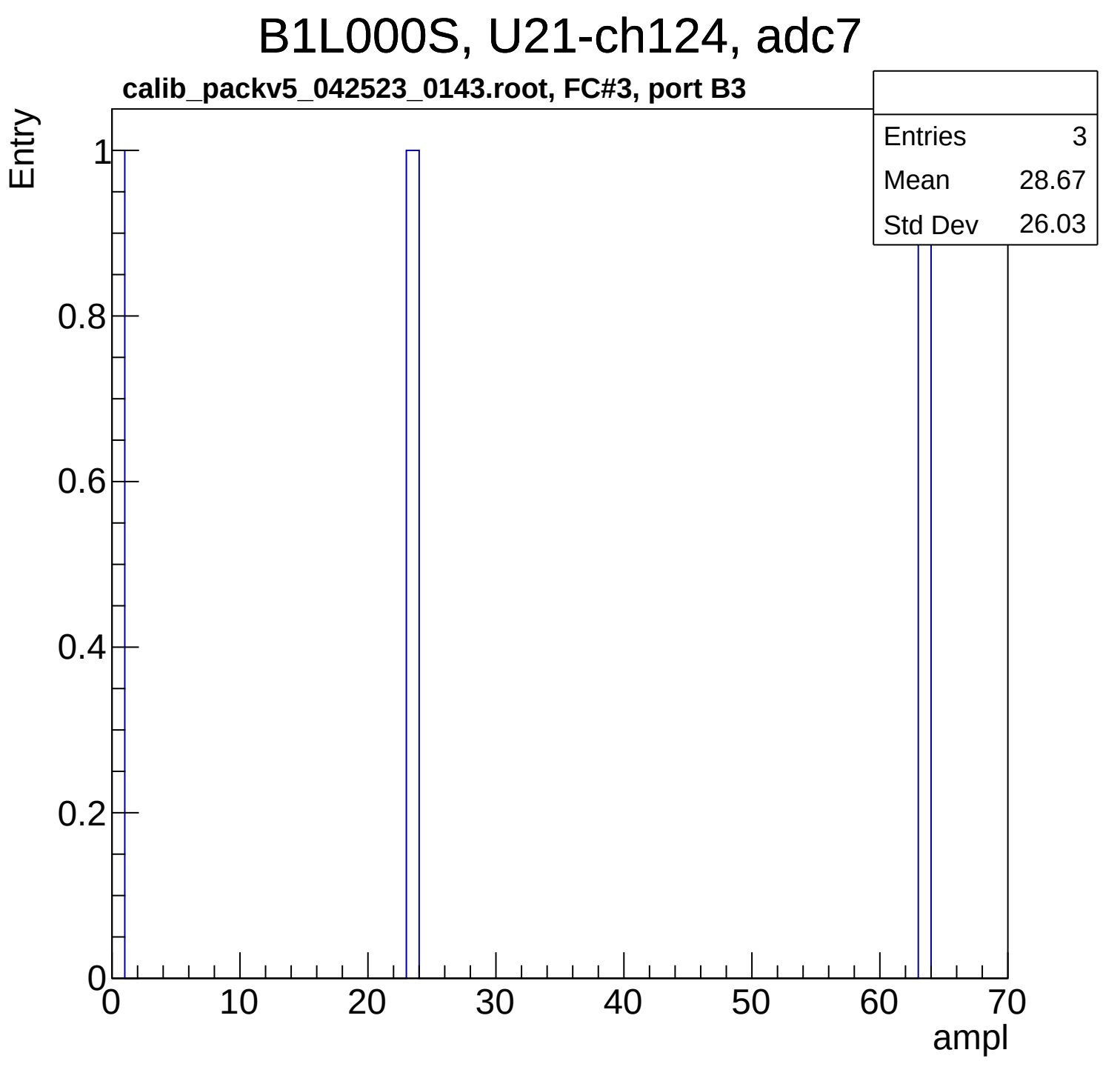

B1L000S, U21-ch124, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 41.93
Std Dev 2.665
Gaus mean : 42.3036
Gaus Width: 2.8404
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

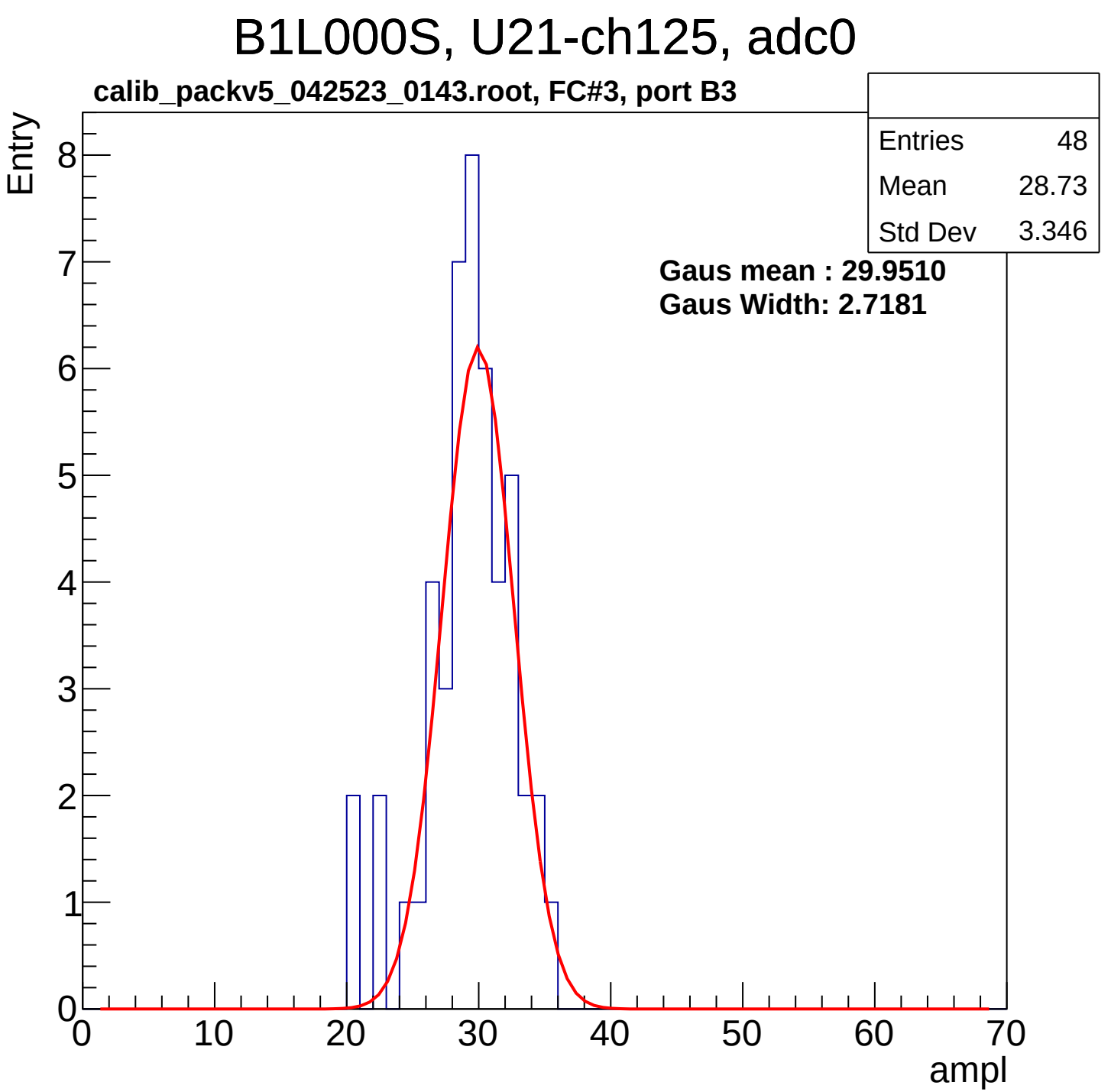

B1L000S, U21-ch124, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 47.82
Std Dev 3.048
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

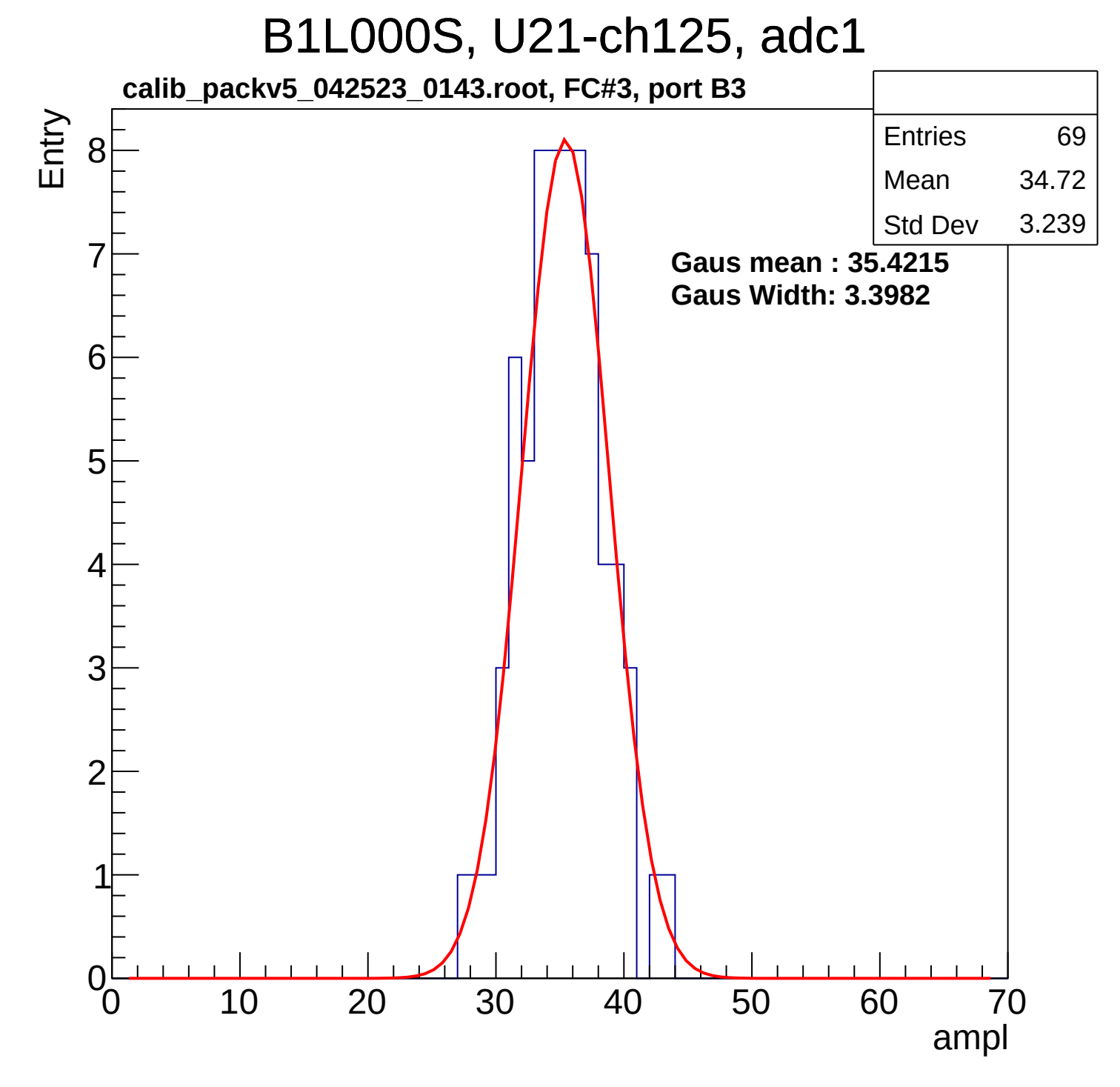

B1L000S, U21-ch124, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 52.65
Std Dev 2.806
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

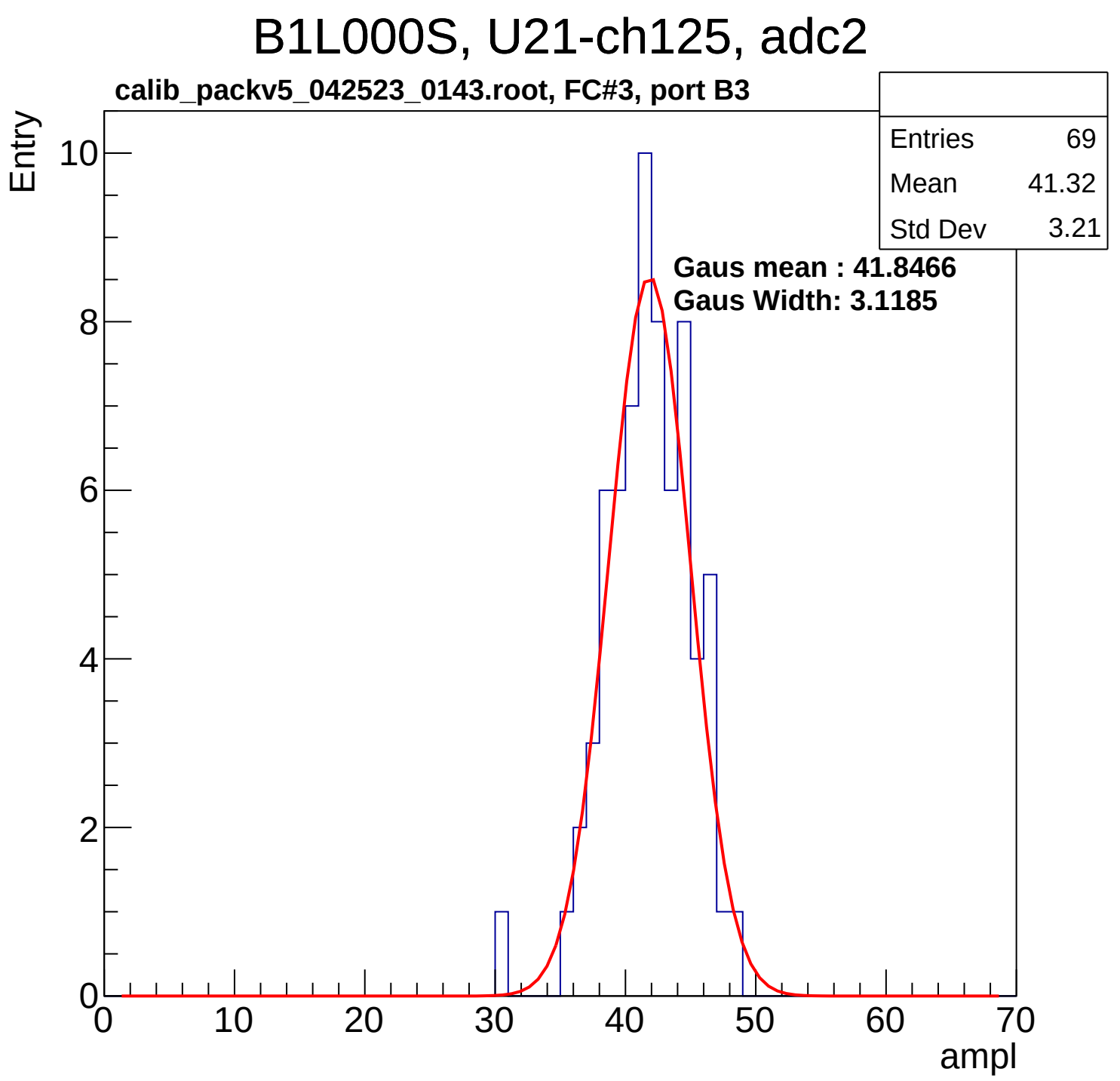

B1L000S, U21-ch124, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 57.72
Std Dev 7.729
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

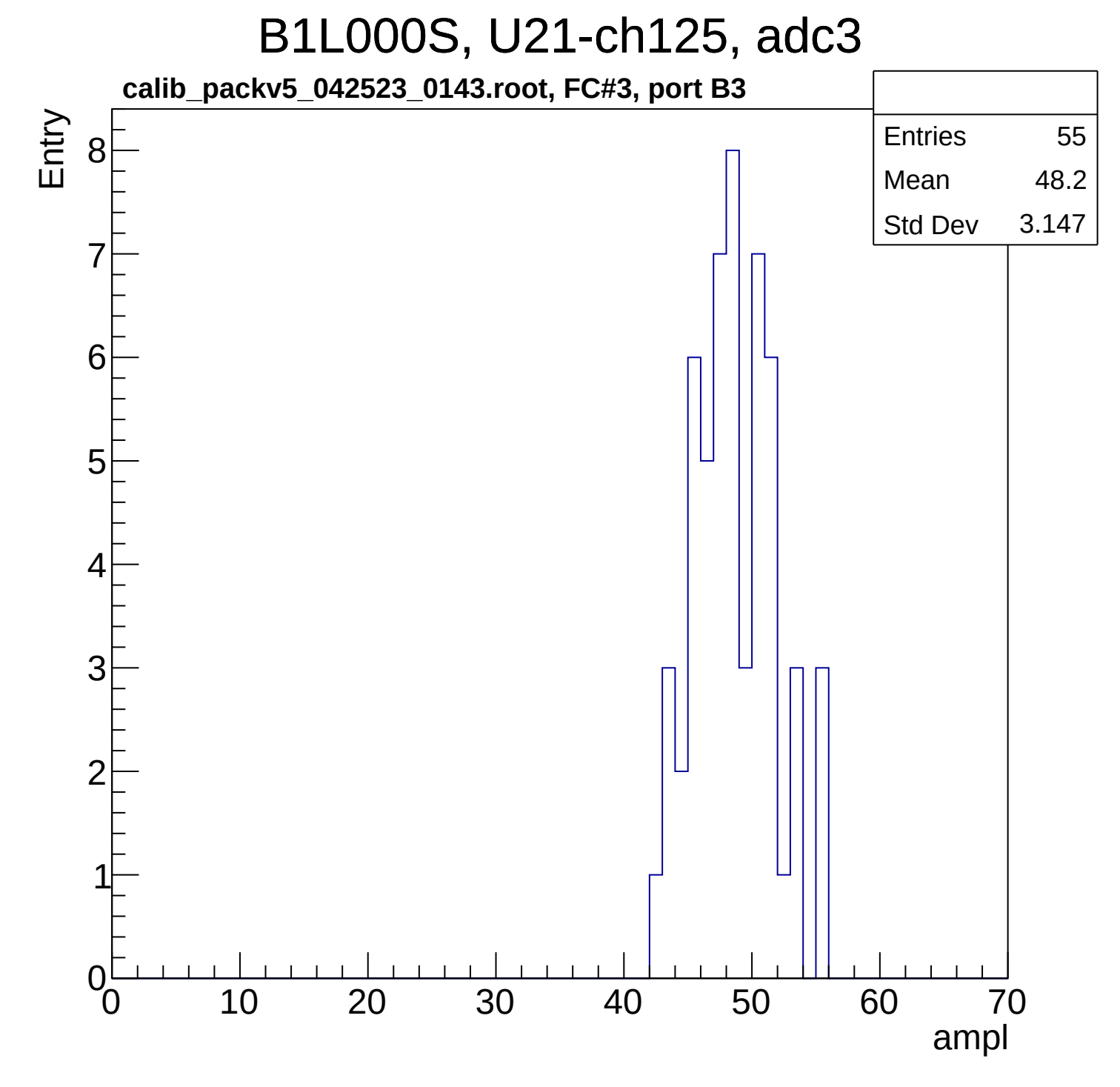

B1L000S, U21-ch124, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 61.31
Std Dev 1.685
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

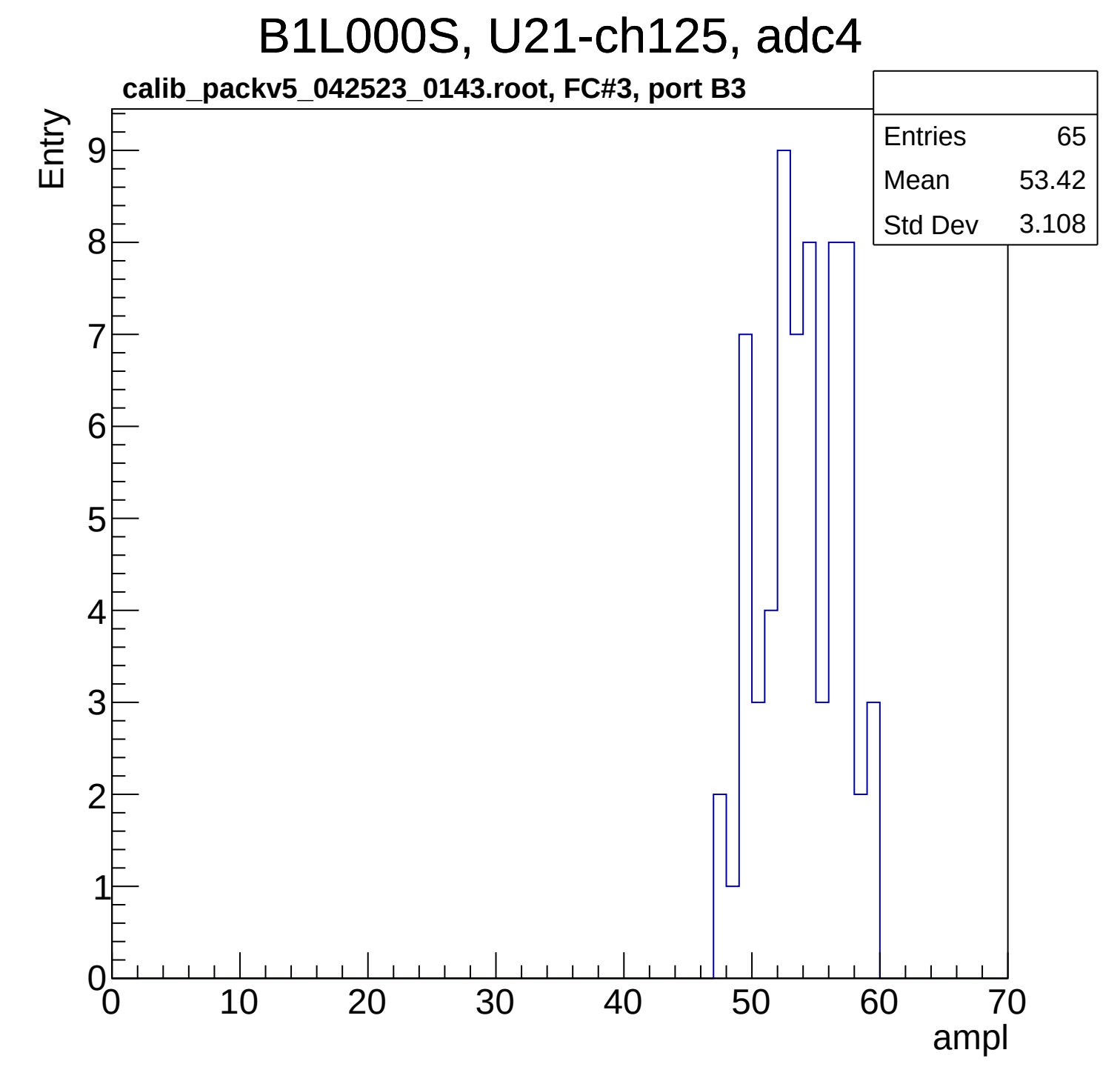

B1L000S, U21-ch124, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 28.67
Std Dev 26.03
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

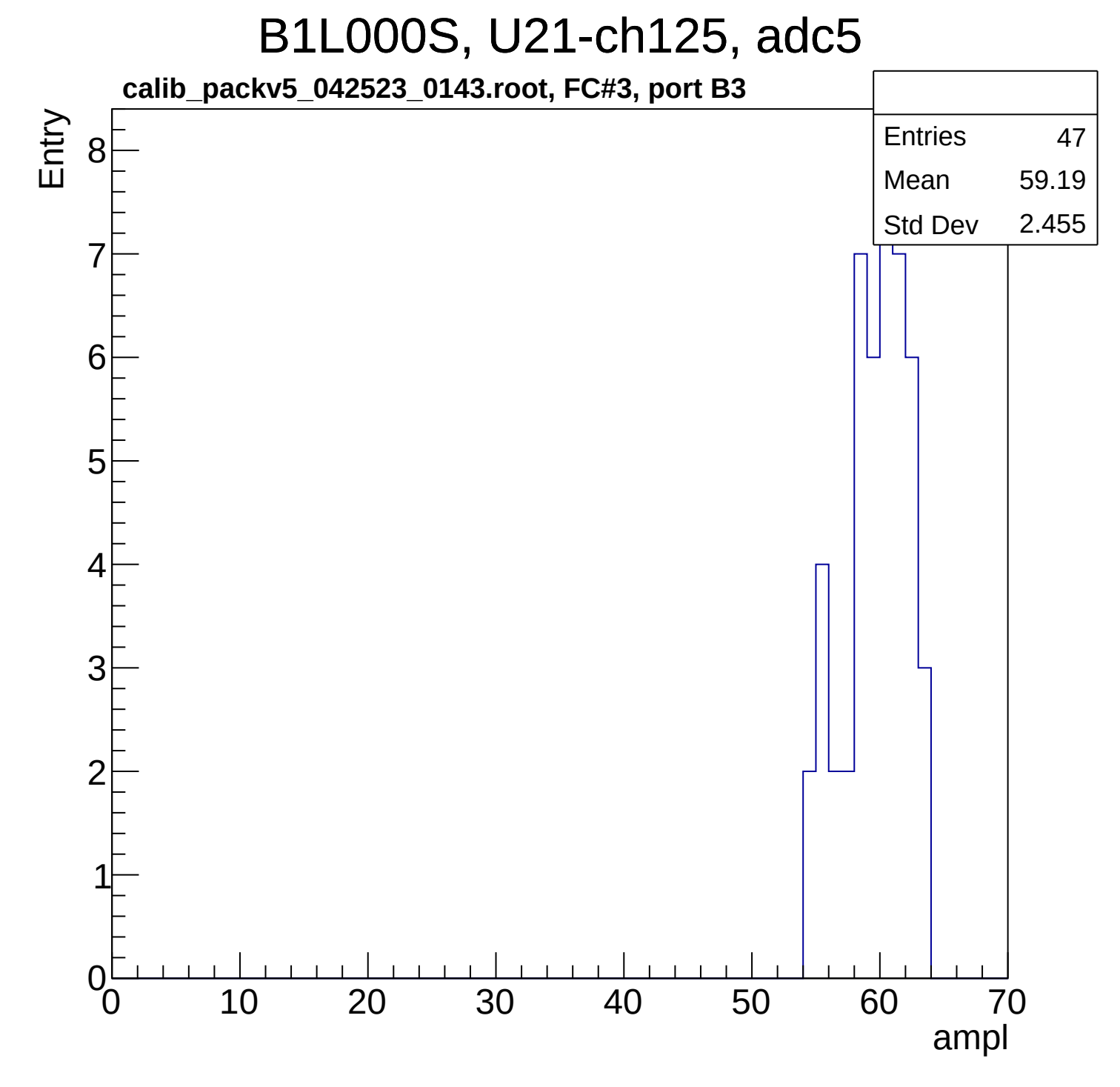

B1L000S, U21-ch125, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 28.73
Std Dev 3.346
Gaus mean : 29.9510
Gaus Width: 2.7181
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

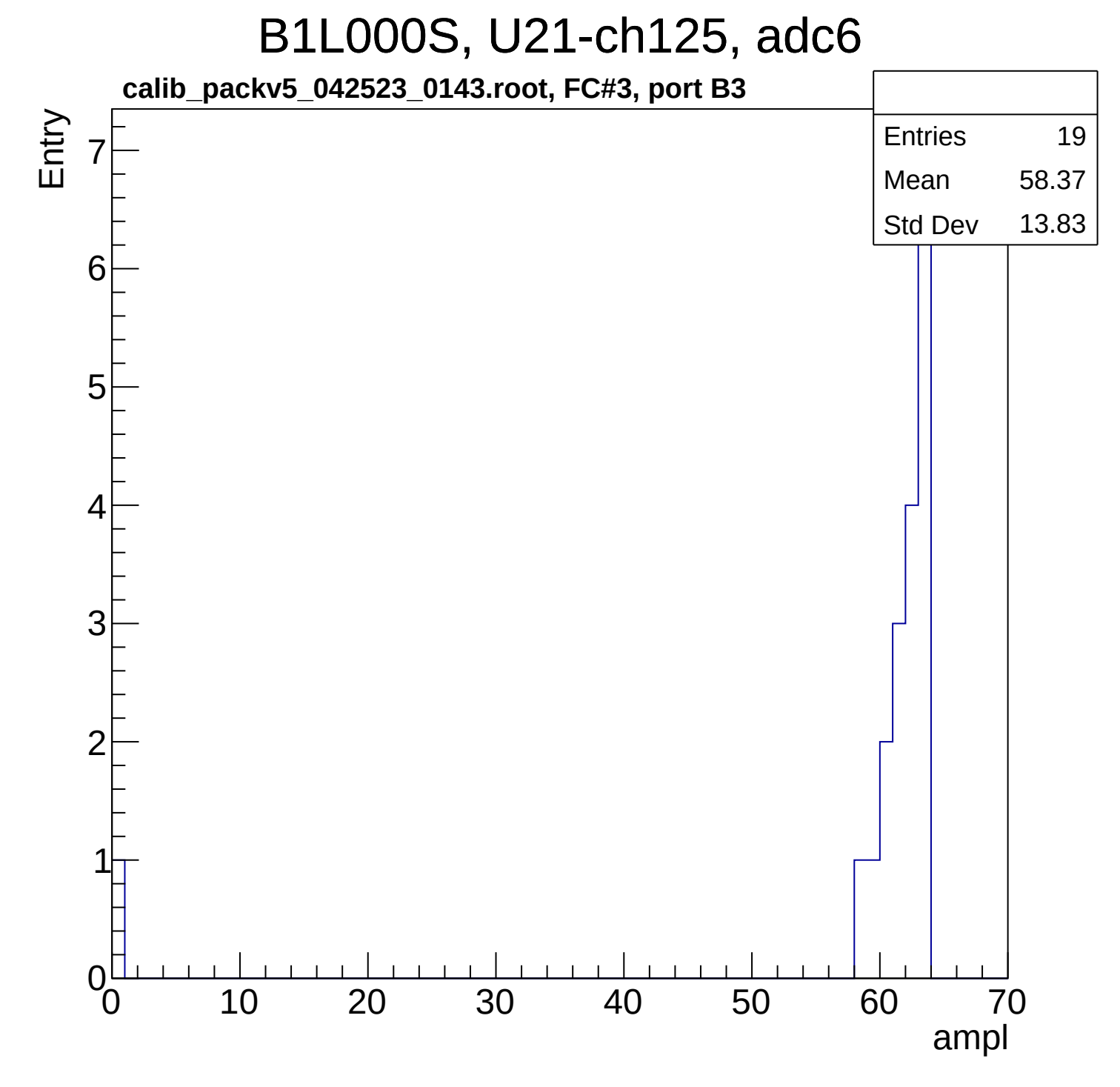

B1L000S, U21-ch125, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 34.72
Std Dev 3.239
Gaus mean : 35.4215
Gaus Width: 3.3982
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

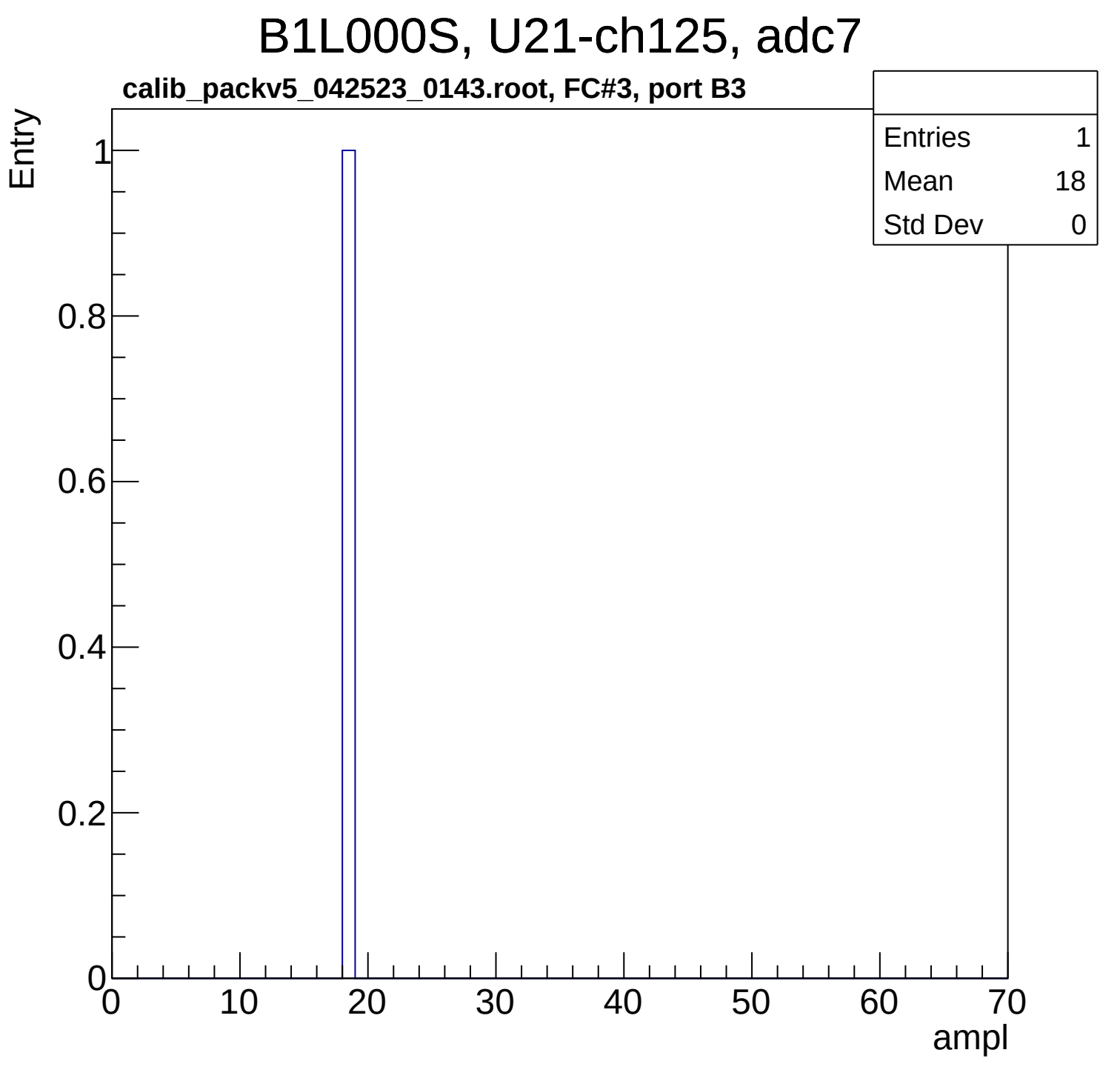

B1L000S, U21-ch125, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 41.32
Std Dev 3.21
Gaus mean : 41.8466
Gaus Width: 3.1185
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

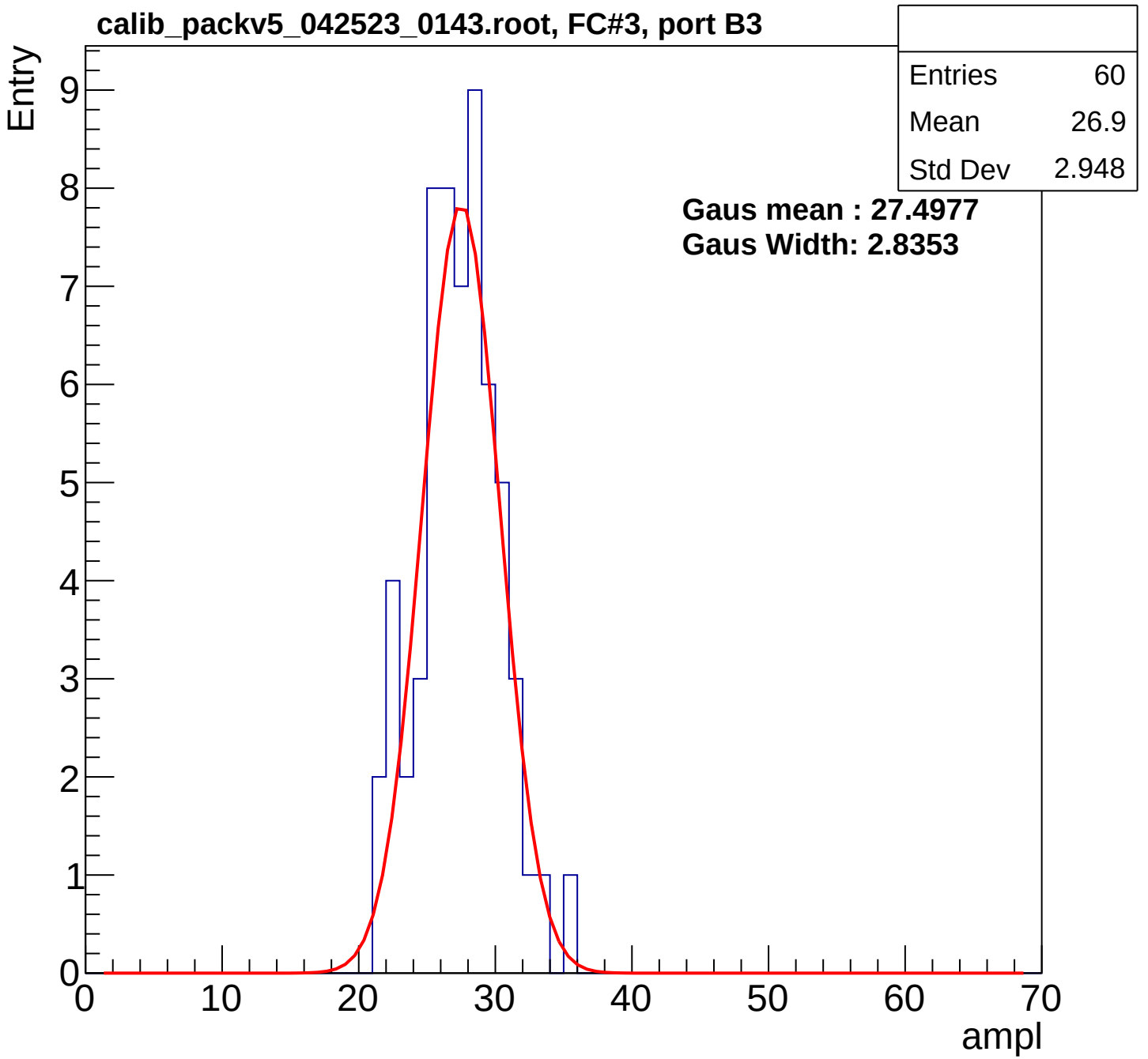

B1L000S, U21-ch125, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 48.2
Std Dev 3.147
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

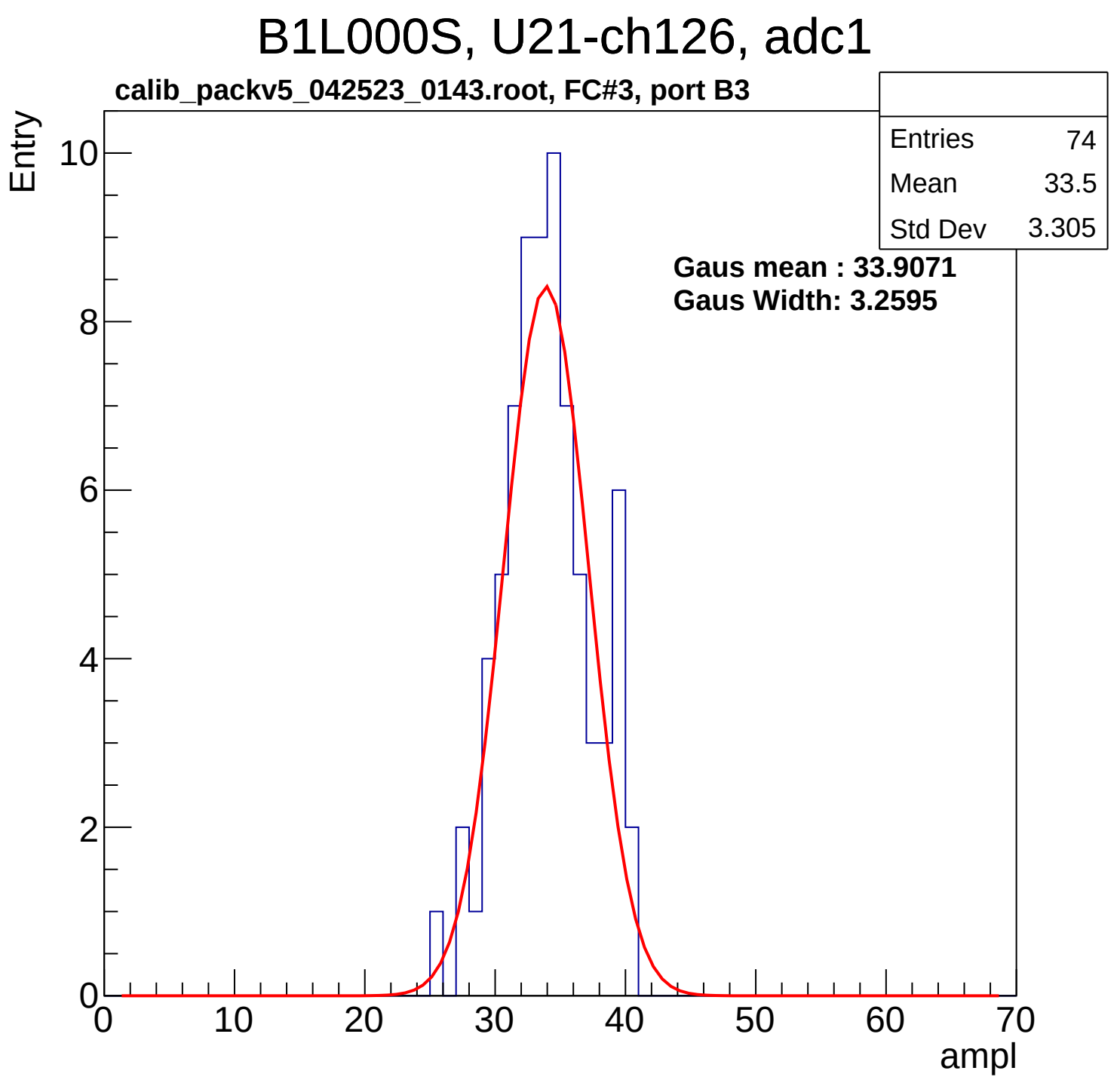

B1L000S, U21-ch125, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 53.42
Std Dev 3.108
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

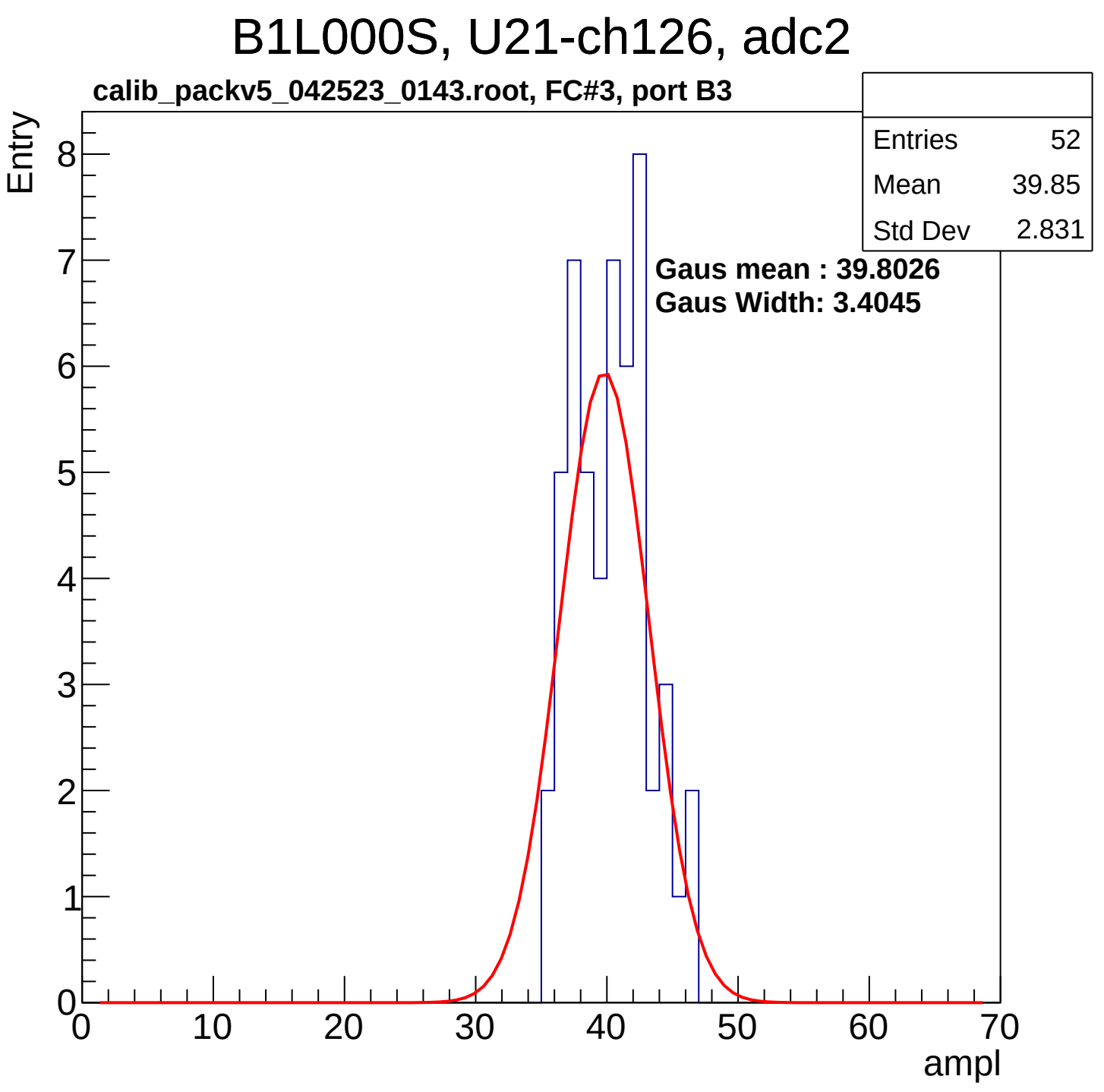

B1L000S, U21-ch125, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 59.19
Std Dev 2.455
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

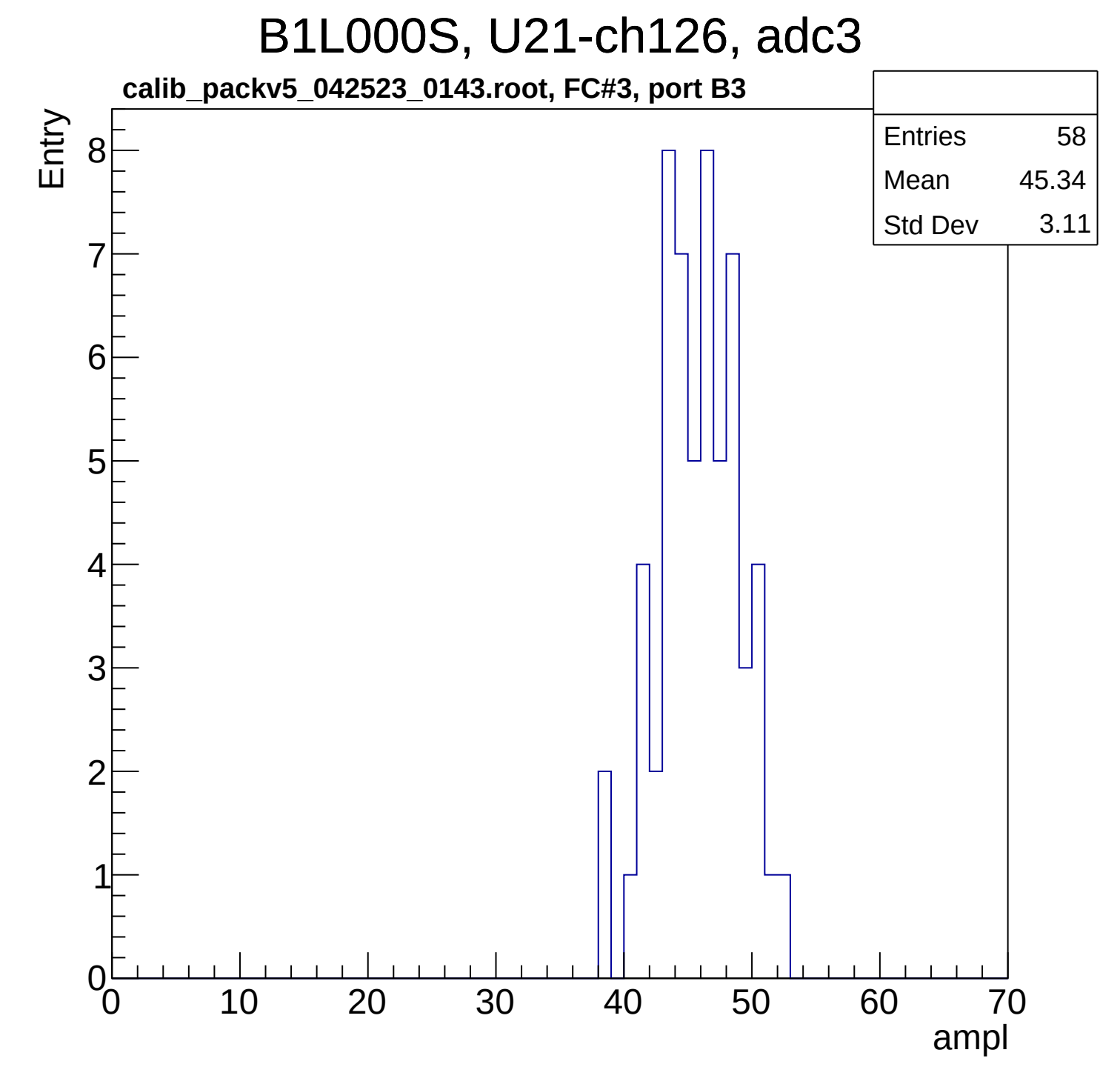

B1L000S, U21-ch125, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 19
Mean 58.37
Std Dev 13.83
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

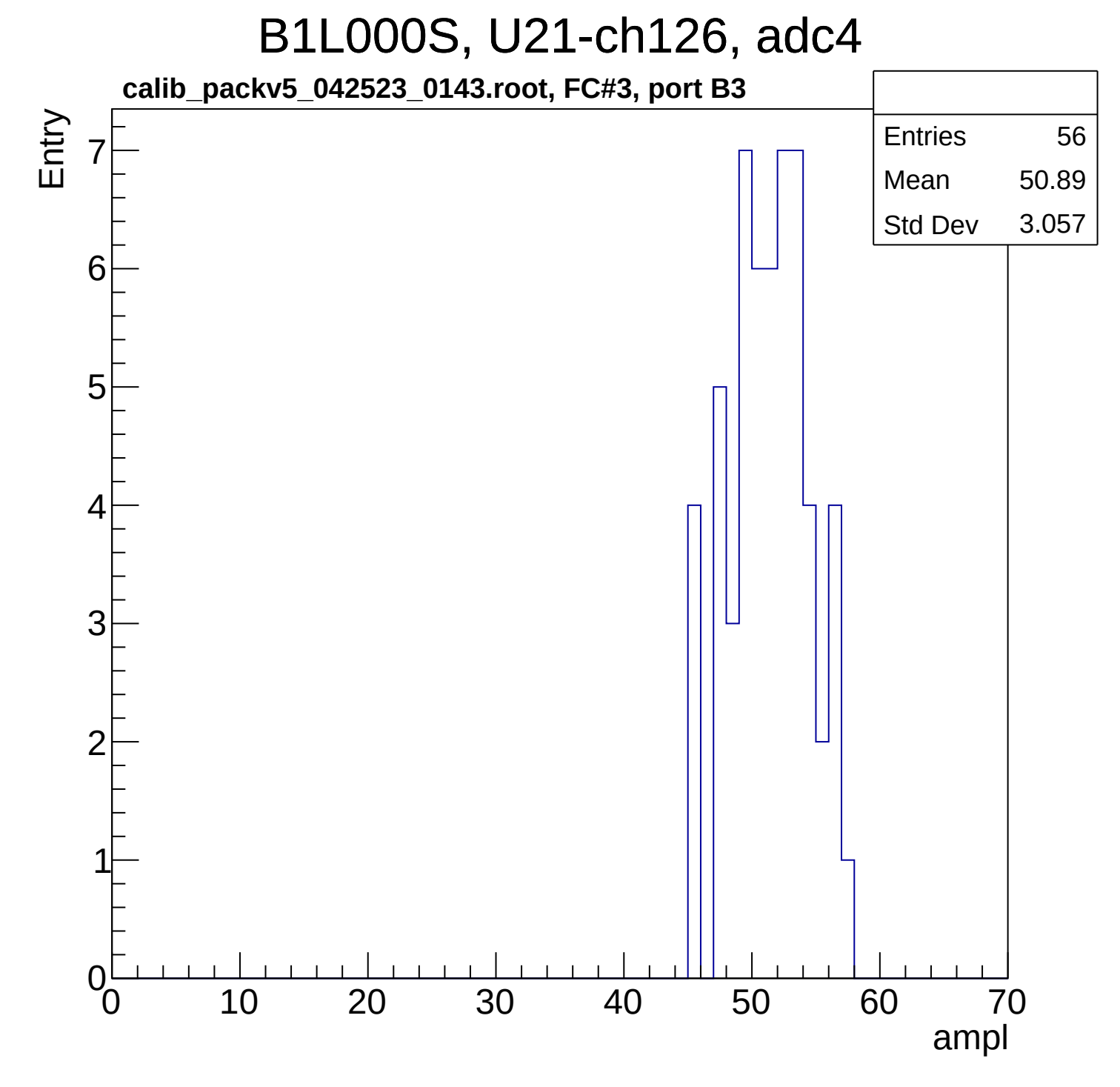

B1L000S, U21-ch125, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 18
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

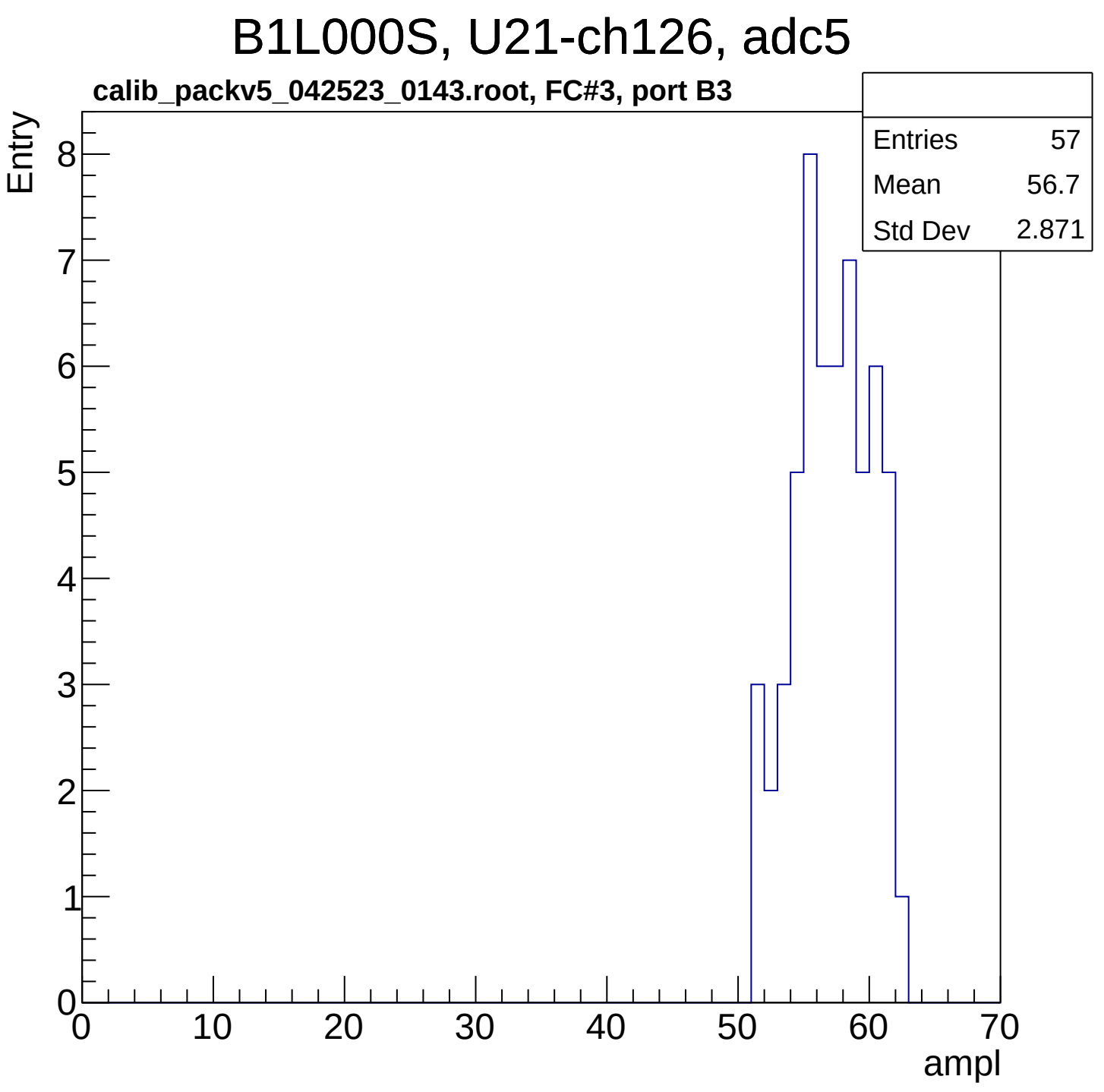

B1L000S, U21-ch126, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 26.9
Std Dev 2.948
Gaus mean : 27.4977
Gaus Width: 2.8353
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

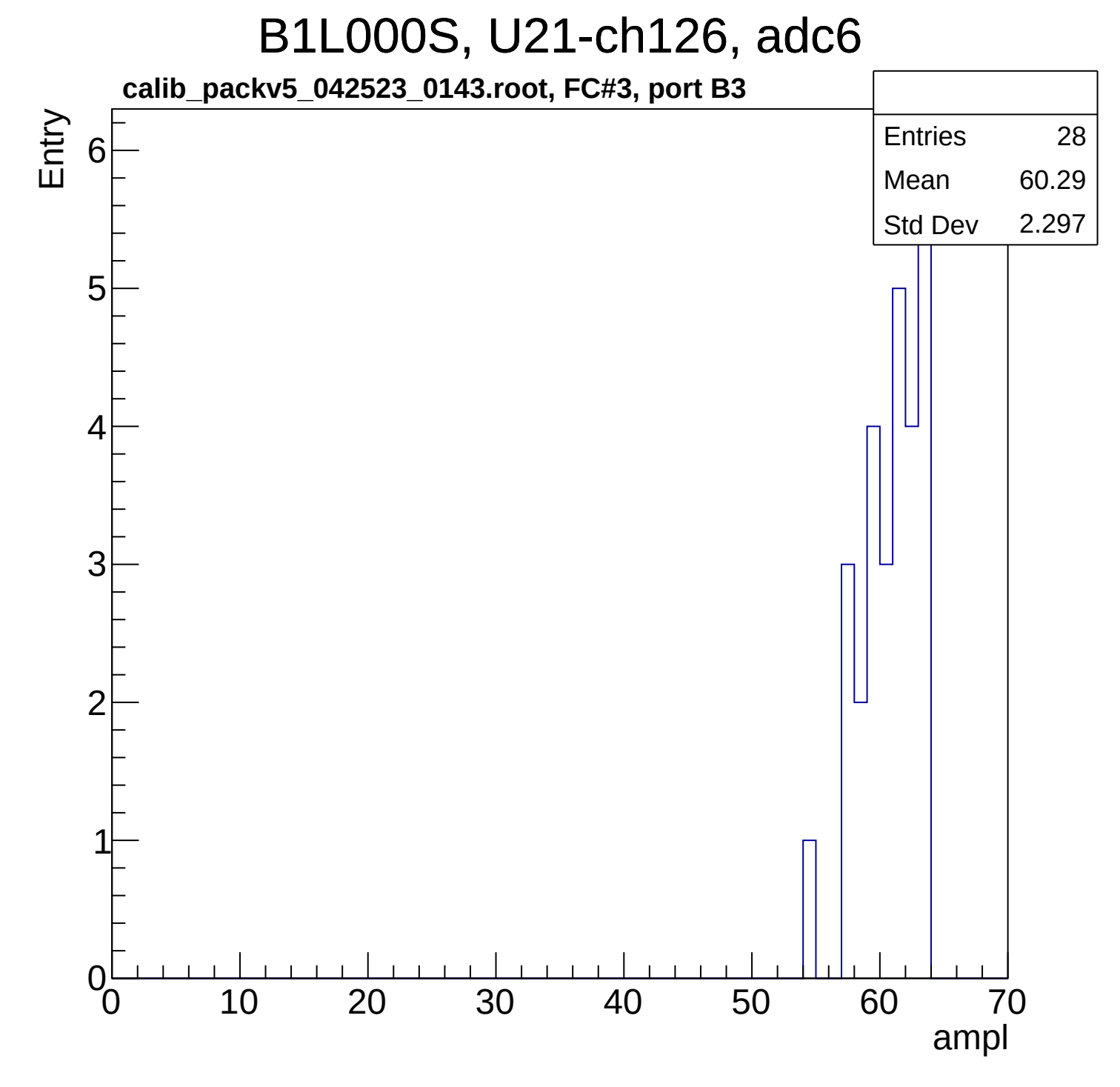

B1L000S, U21-ch126, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 33.5
Std Dev 3.305
Gaus mean : 33.9071
Gaus Width: 3.2595
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

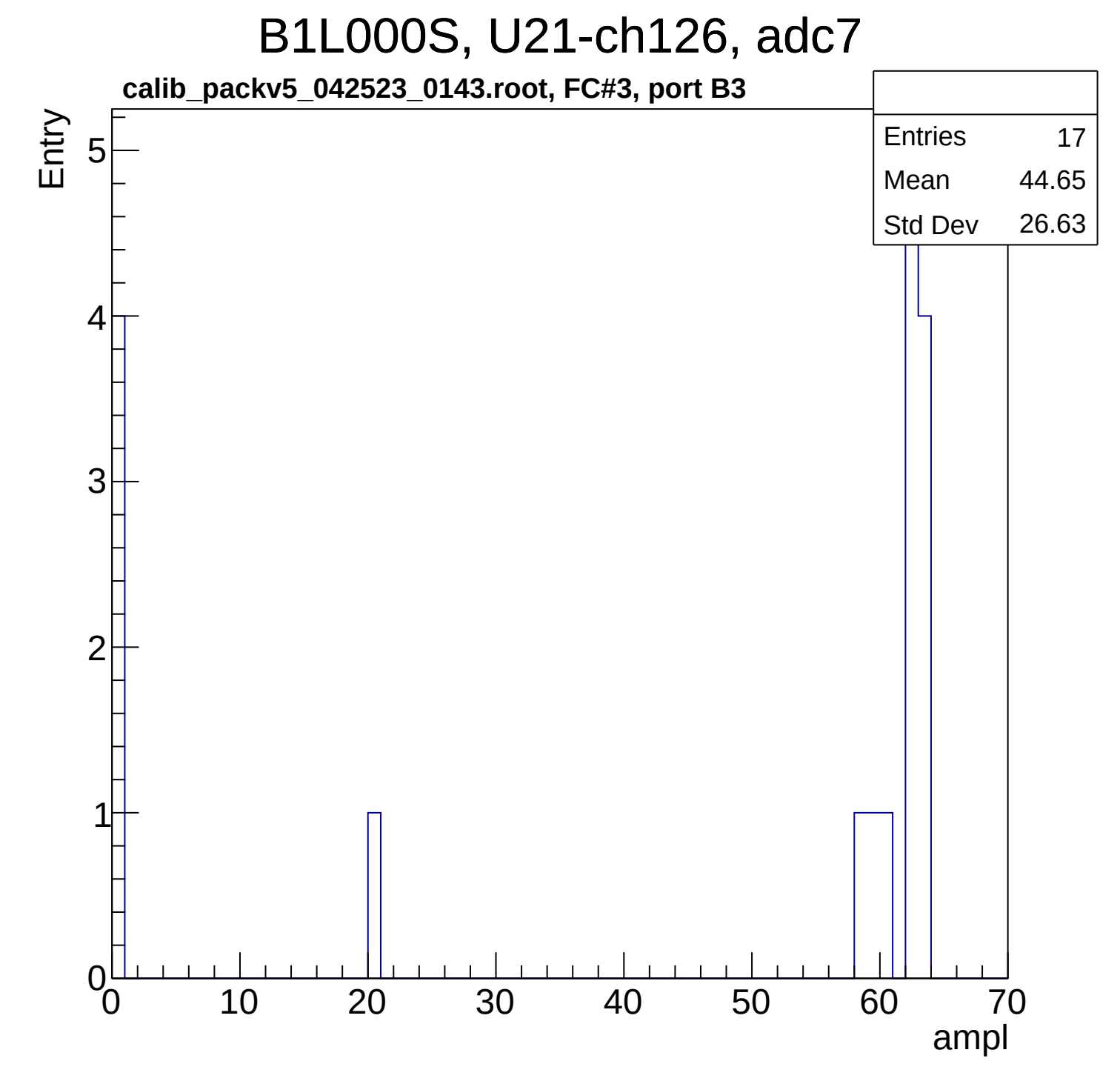

B1L000S, U21-ch126, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 39.85
Std Dev 2.831
Gaus mean : 39.8026
Gaus Width: 3.4045
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

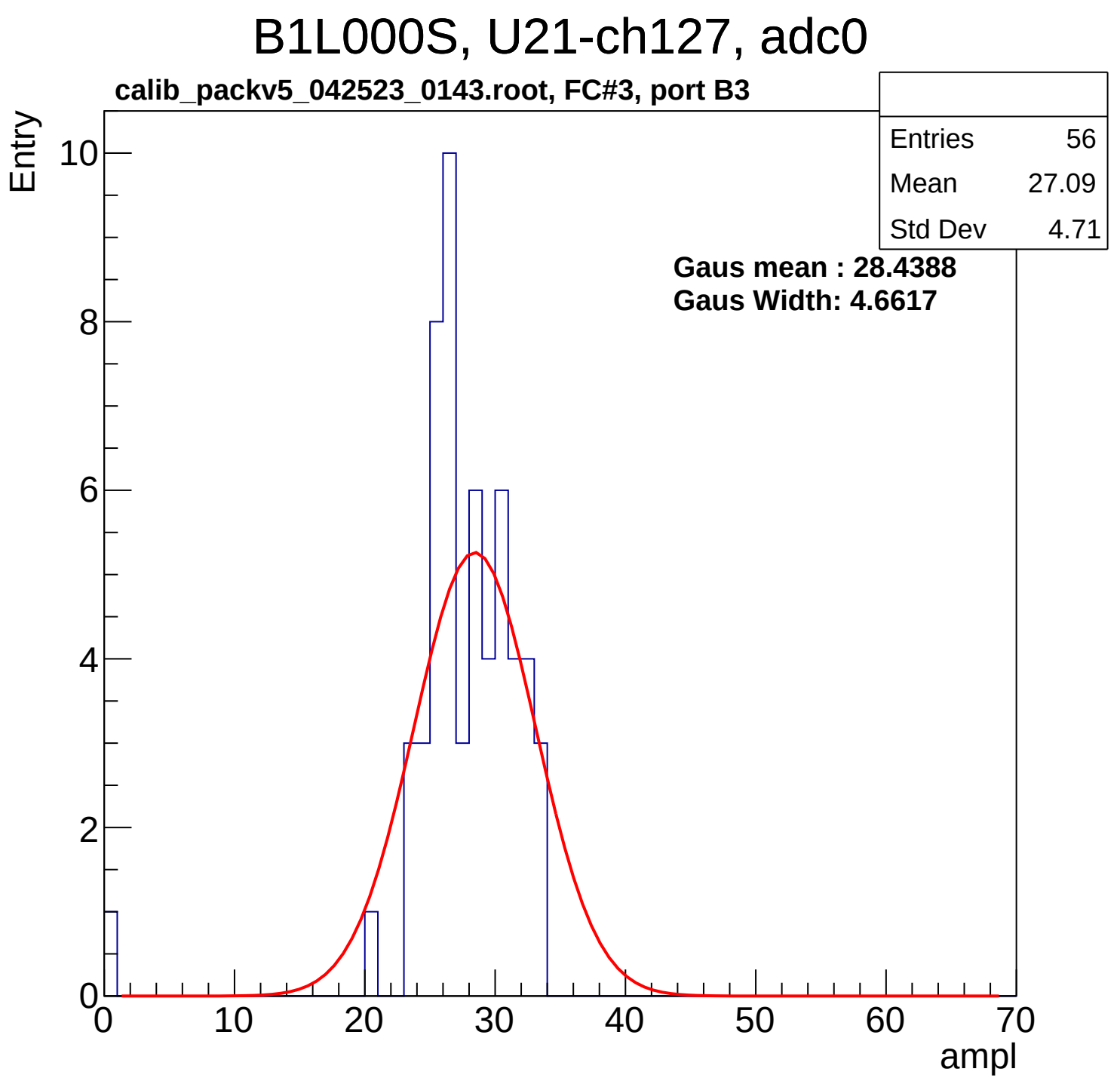

B1L000S, U21-ch126, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 45.34
Std Dev 3.11
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

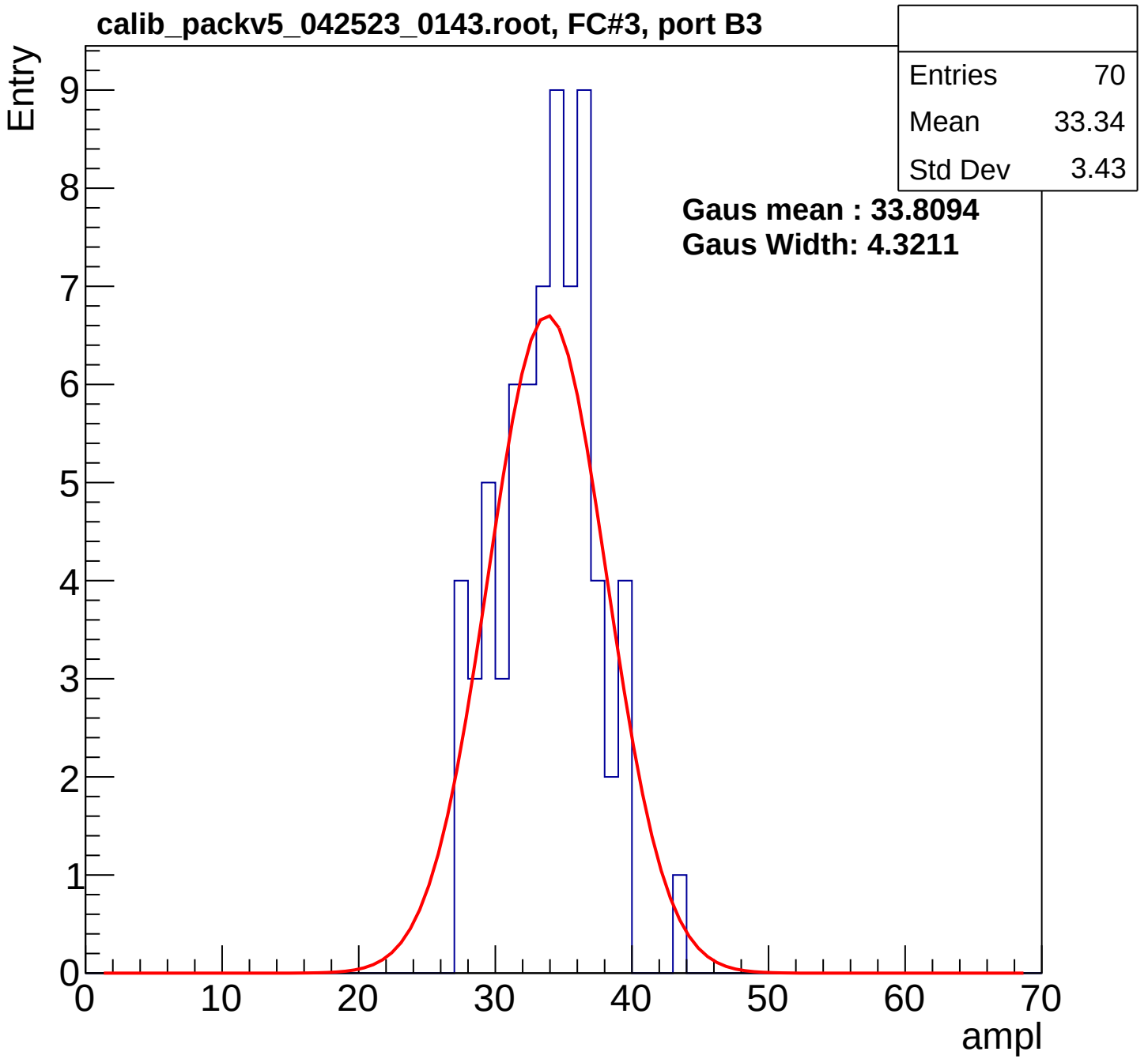

B1L000S, U21-ch126, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 50.89
Std Dev 3.057
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

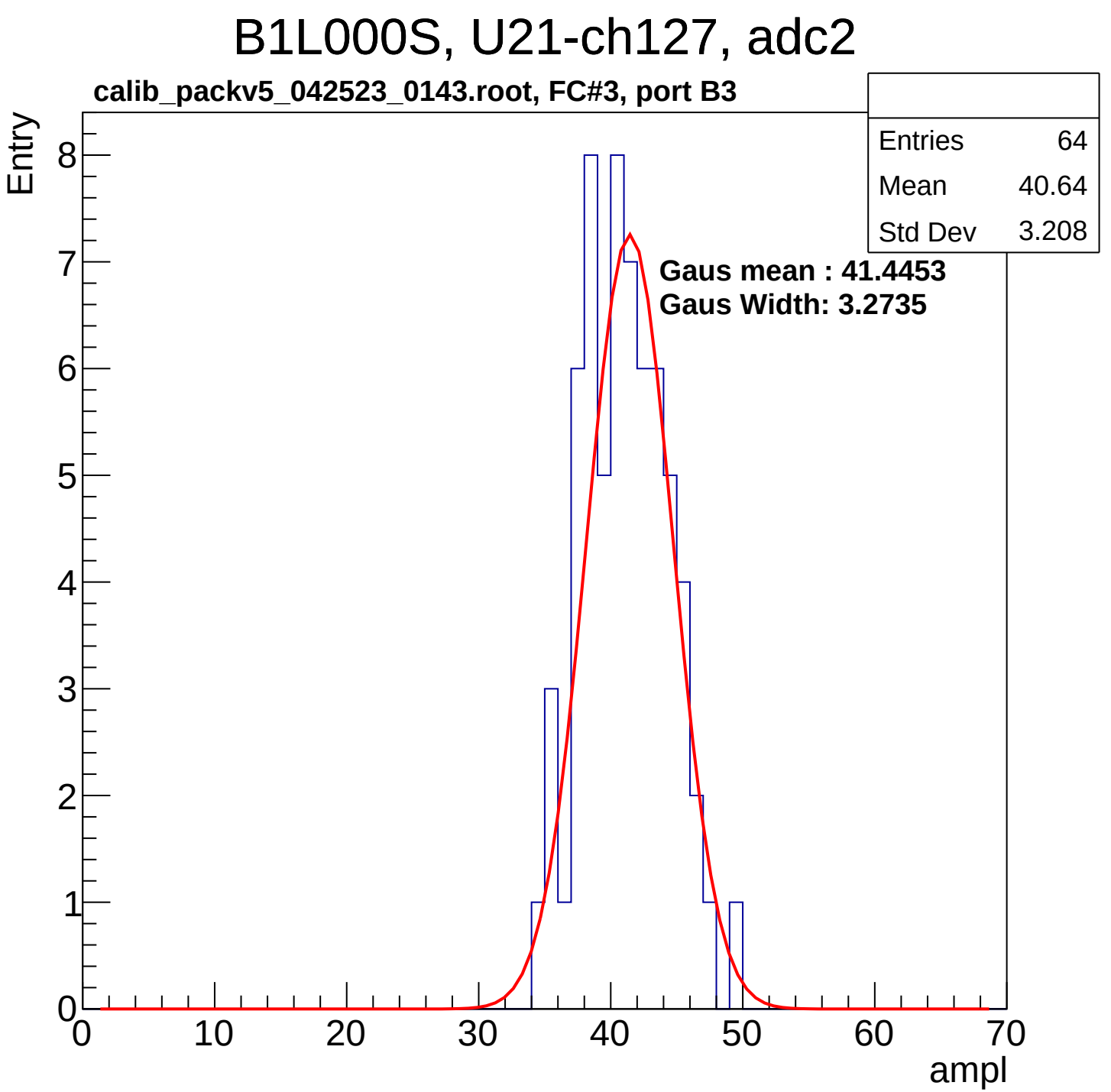

B1L000S, U21-ch126, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 56.7
Std Dev 2.871
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

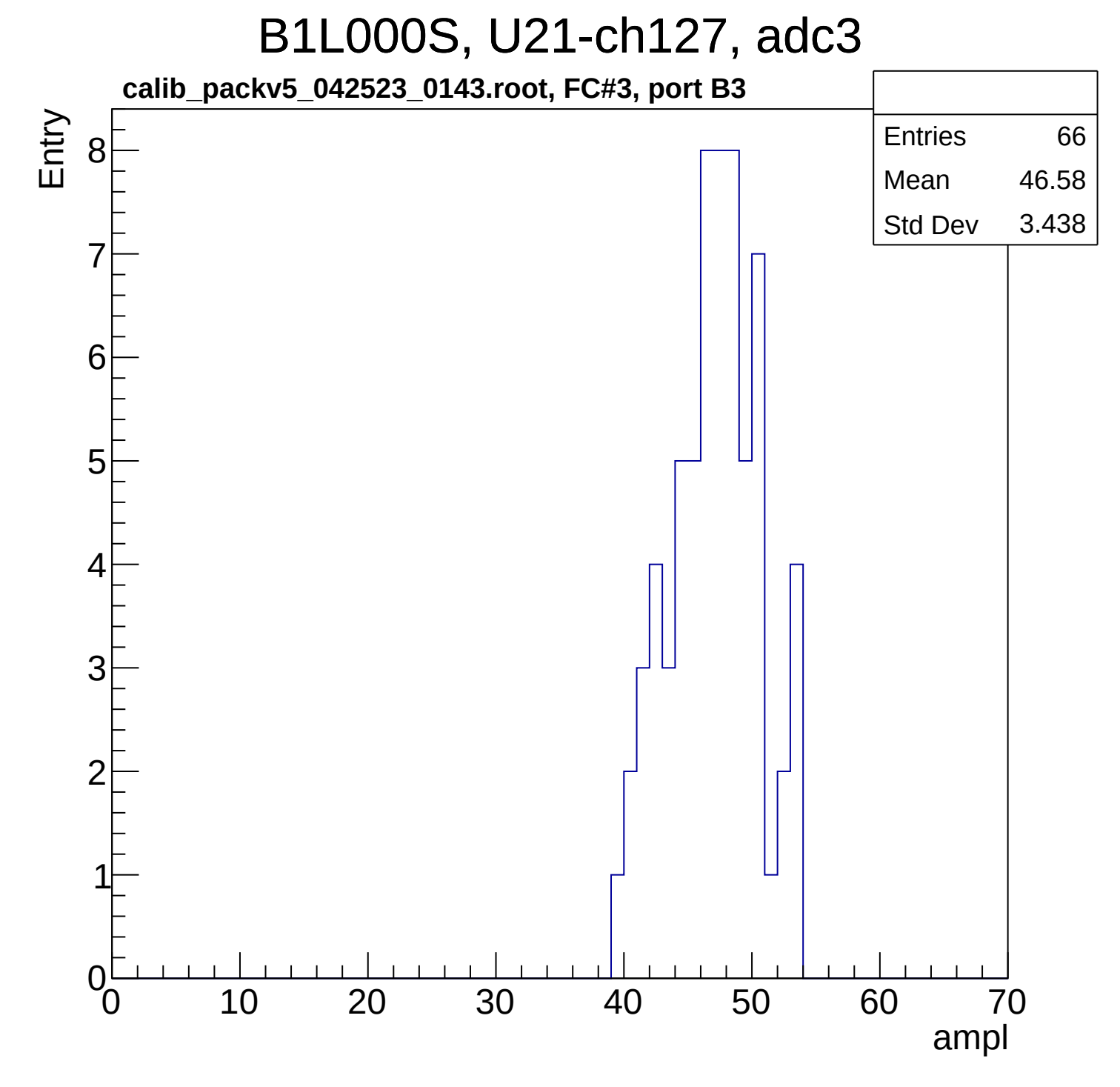

B1L000S, U21-ch126, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 28
Mean 60.29
Std Dev 2.297
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

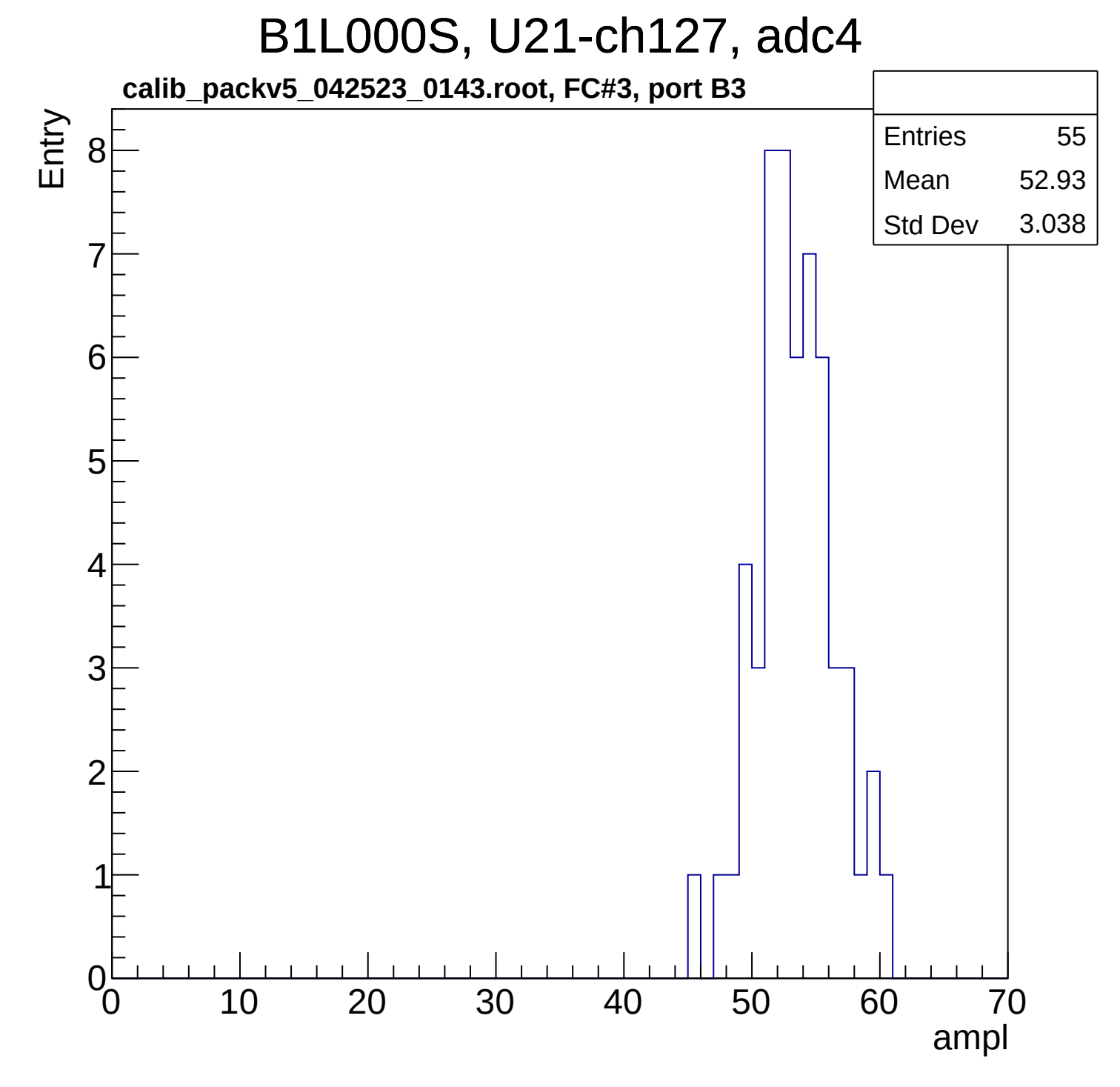

B1L000S, U21-ch126, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 44.65
Std Dev 26.63
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70

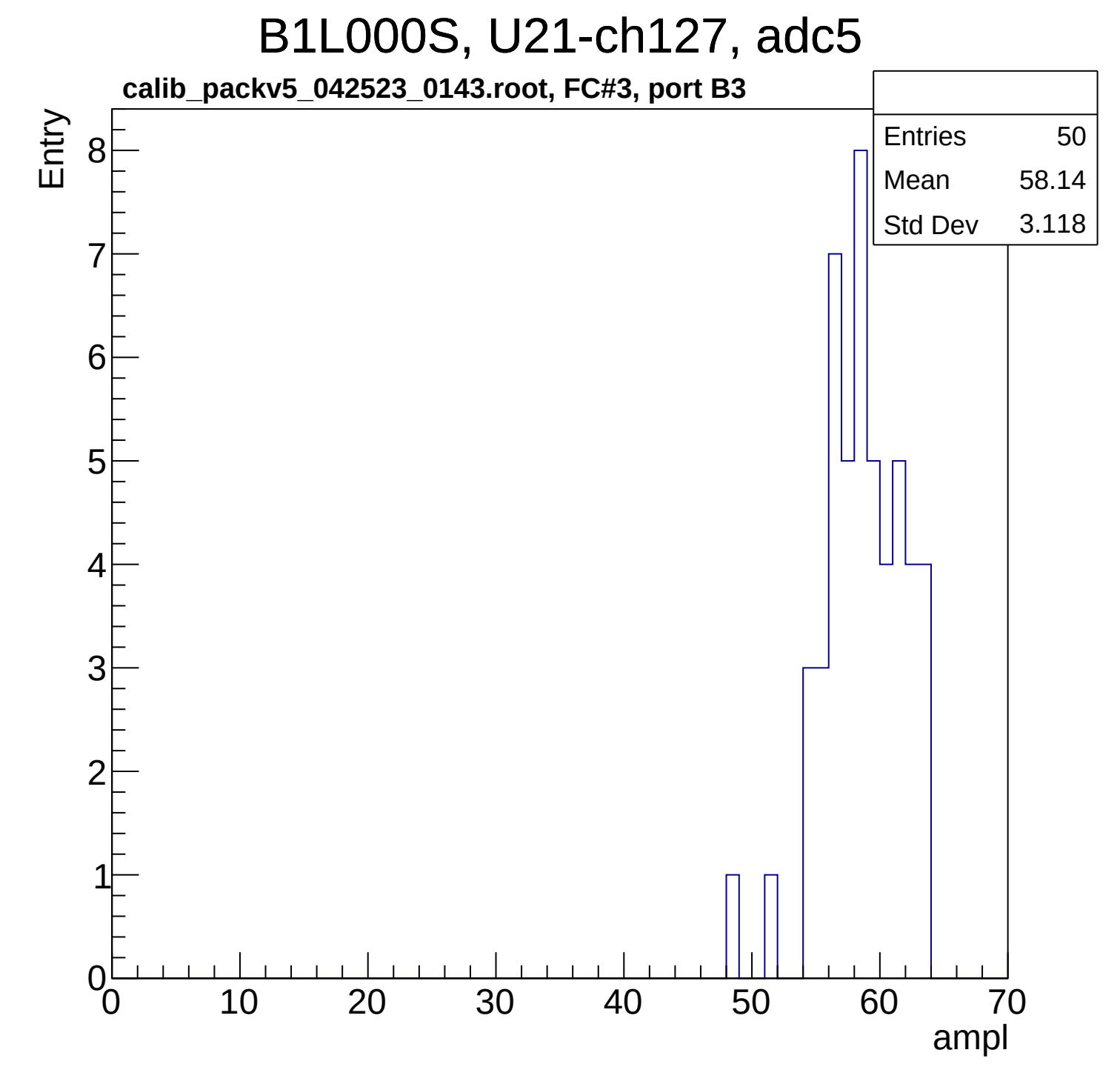

B1L000S, U21-ch127, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 27.09
Std Dev 4.71
Gaus mean : 28.4388
Gaus Width: 4.6617
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

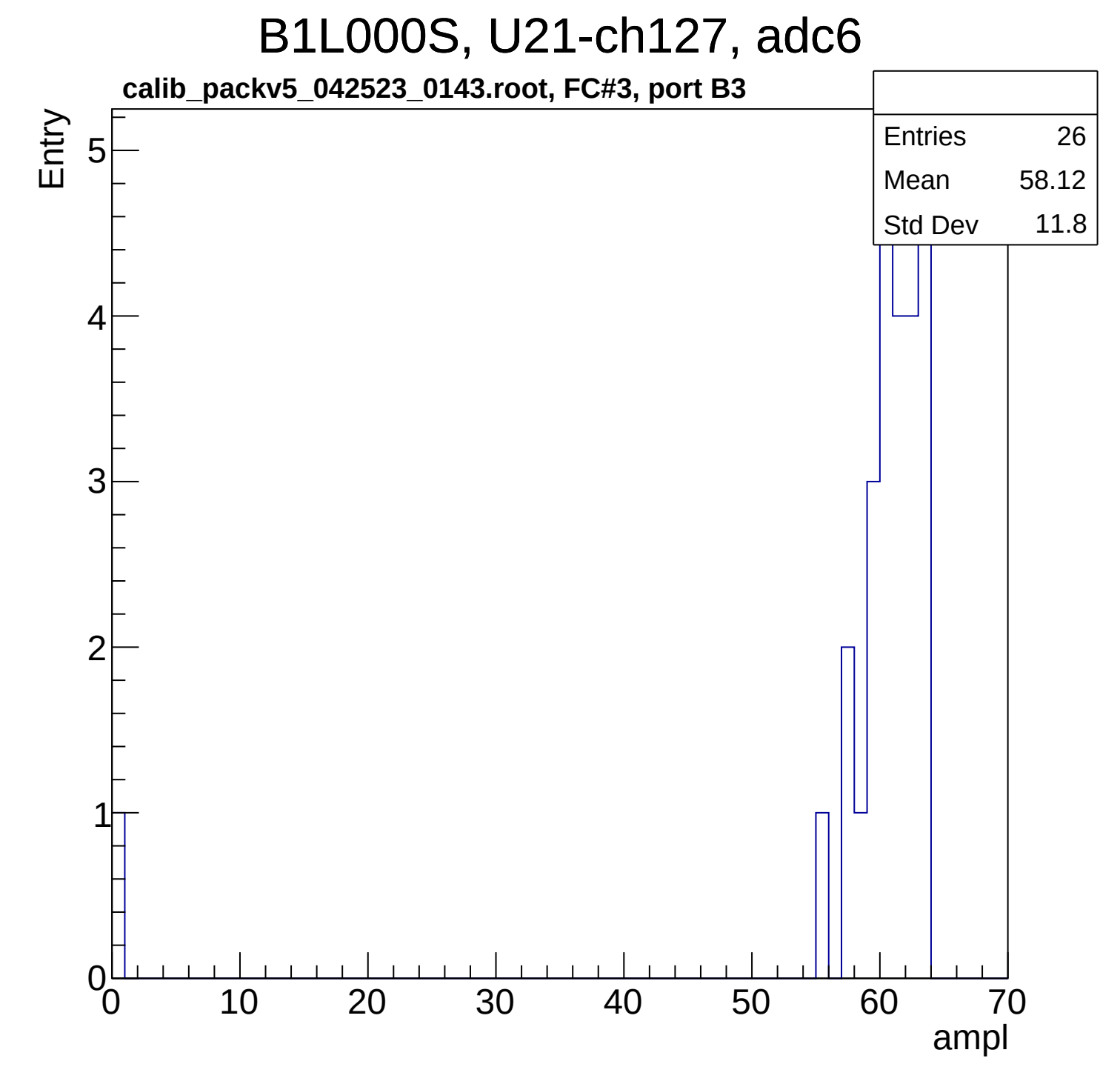

B1L000S, U21-ch127, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 33.34
Std Dev 3.43
Gaus mean : 33.8094
Gaus Width: 4.3211
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

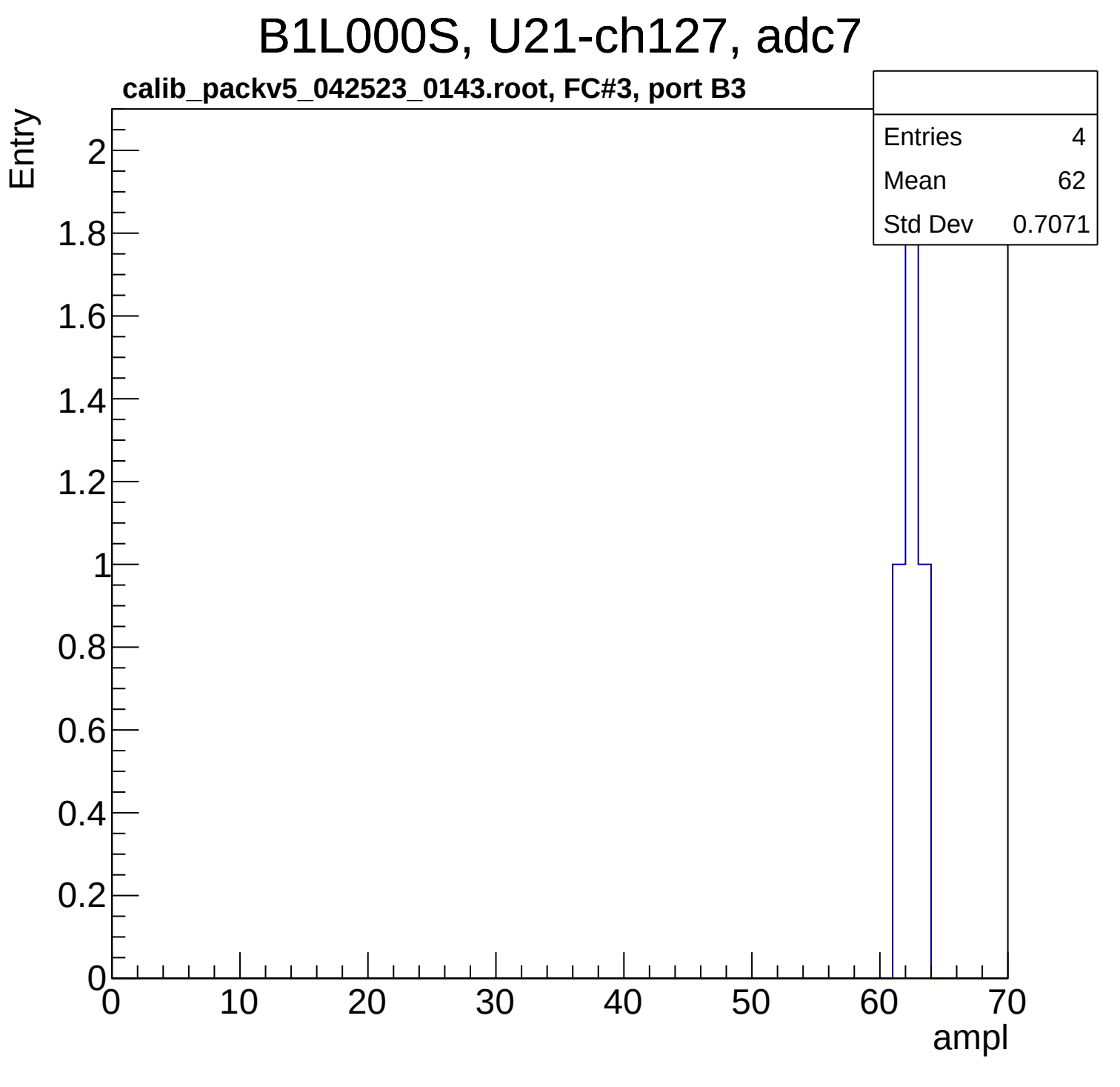

B1L000S, U21-ch127, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 40.64
Std Dev 3.208
Gaus mean : 41.4453
Gaus Width: 3.2735
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

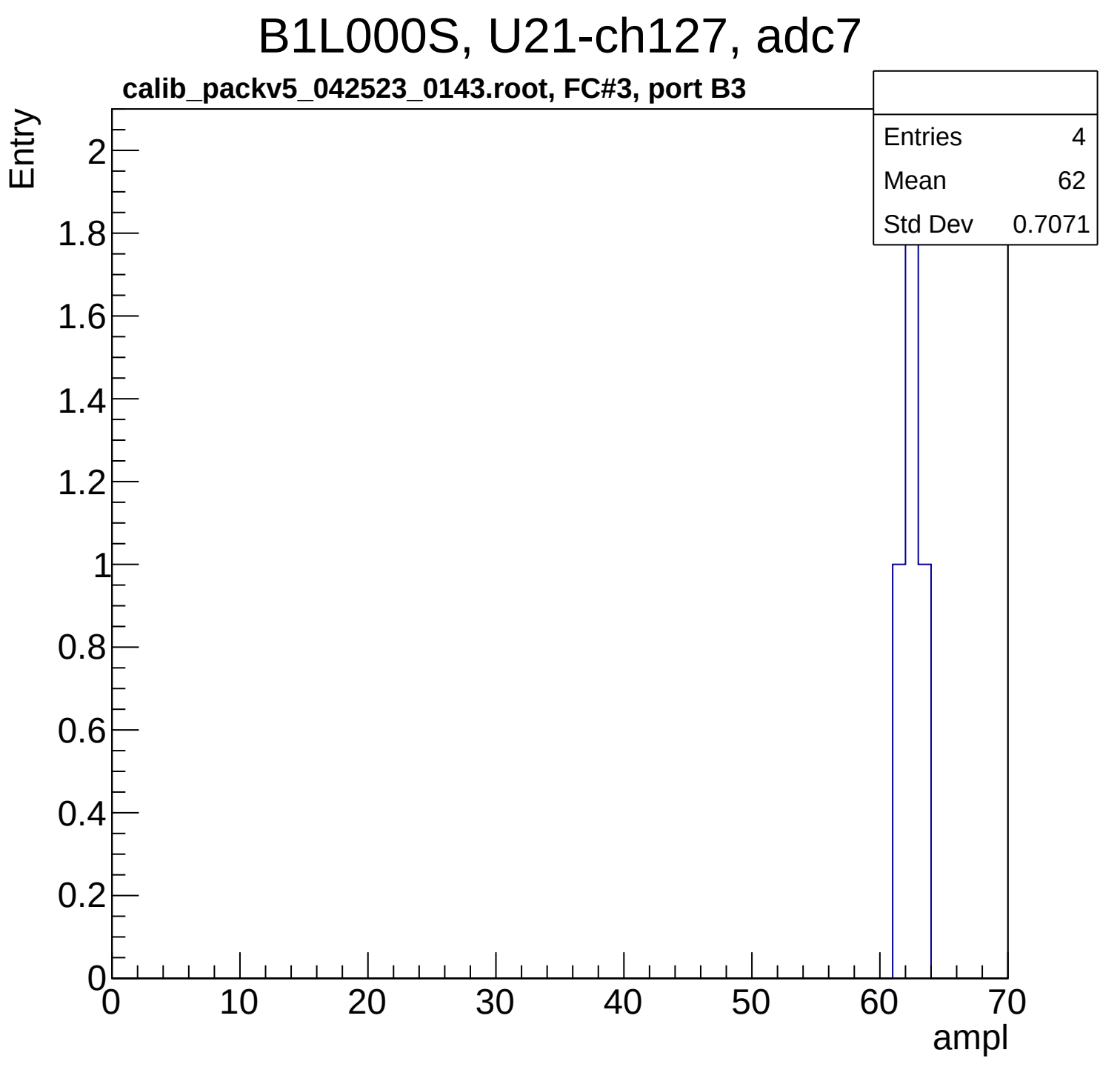

B1L000S, U21-ch127, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 46.58
Std Dev 3.438
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U21-ch127, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 52.93
Std Dev 3.038
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U21-ch127, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 58.14
Std Dev 3.118
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U21-ch127, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 26
Mean 58.12
Std Dev 11.8
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U21-ch127, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 62
Std Dev 0.7071
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L000S, U21-ch127, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 62
Std Dev 0.7071
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70