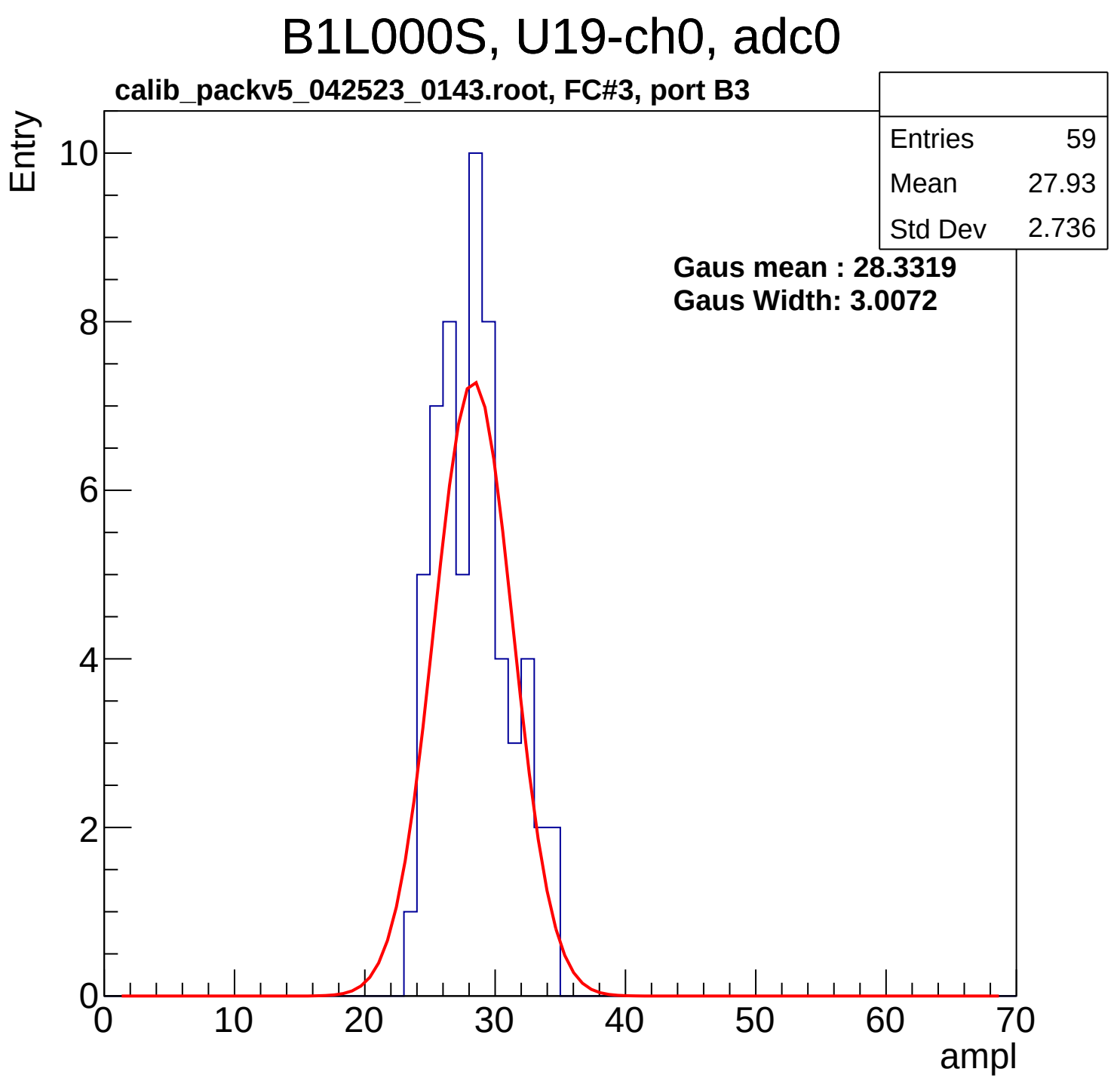
B1L000S, U19-ch0, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 27.93
Std Dev 2.736
Gaus mean : 28.3319
Gaus Width: 3.0072
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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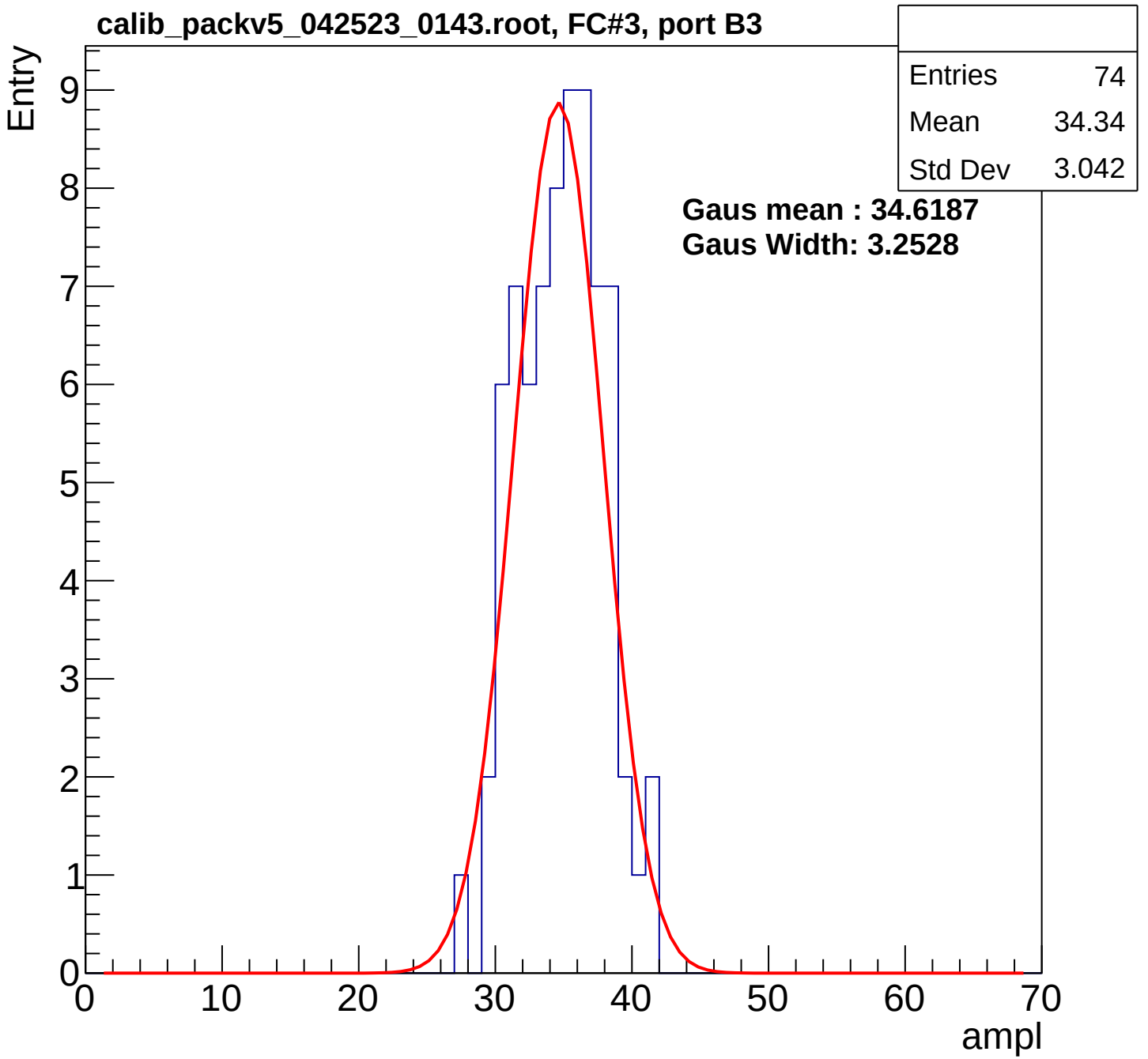
B1L000S, U19-ch0, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 34.34
Std Dev 3.042
Gaus mean : 34.6187
Gaus Width: 3.2528
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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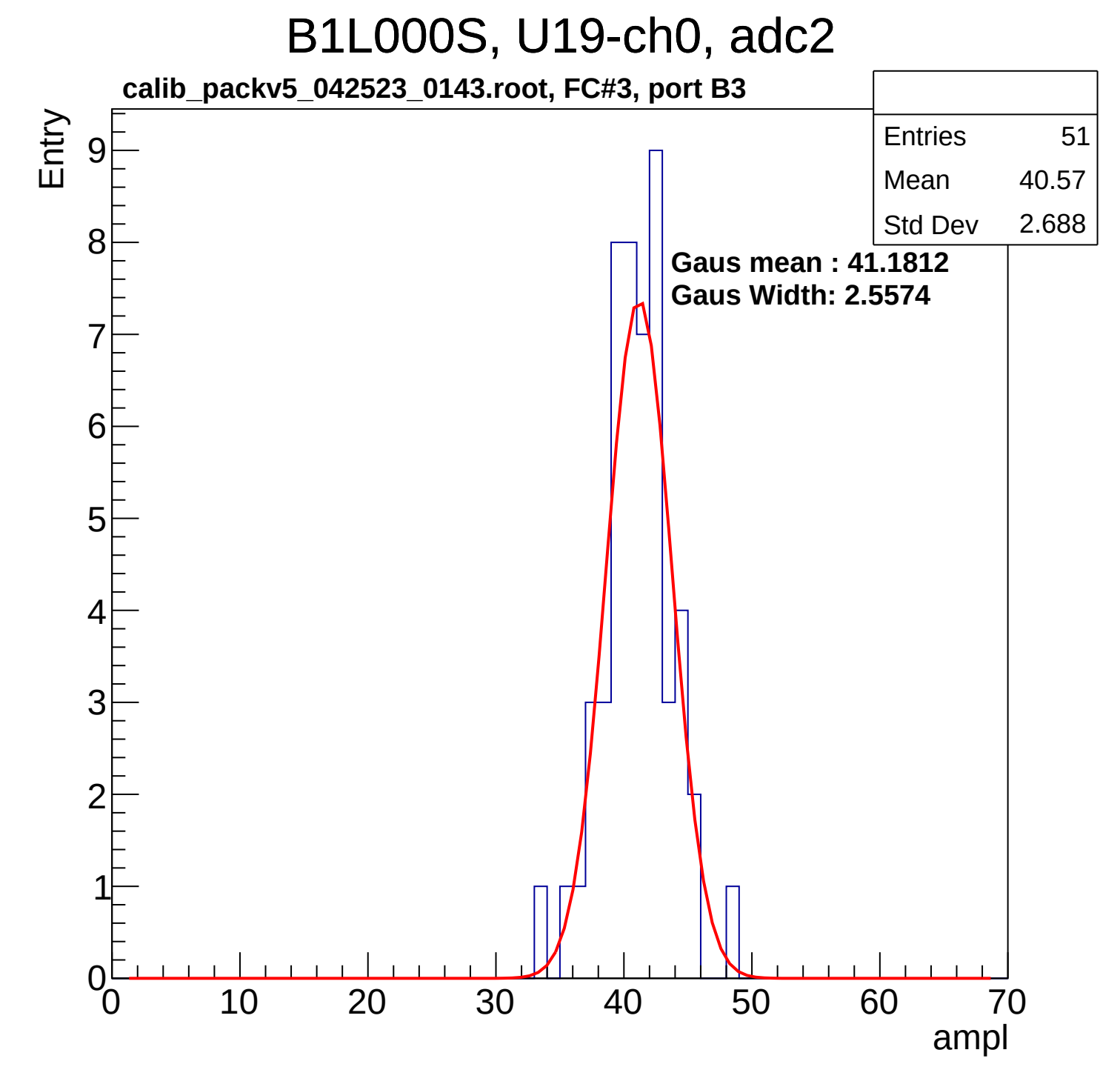
B1L000S, U19-ch0, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 40.57
Std Dev 2.688
Gaus mean : 41.1812
Gaus Width: 2.5574
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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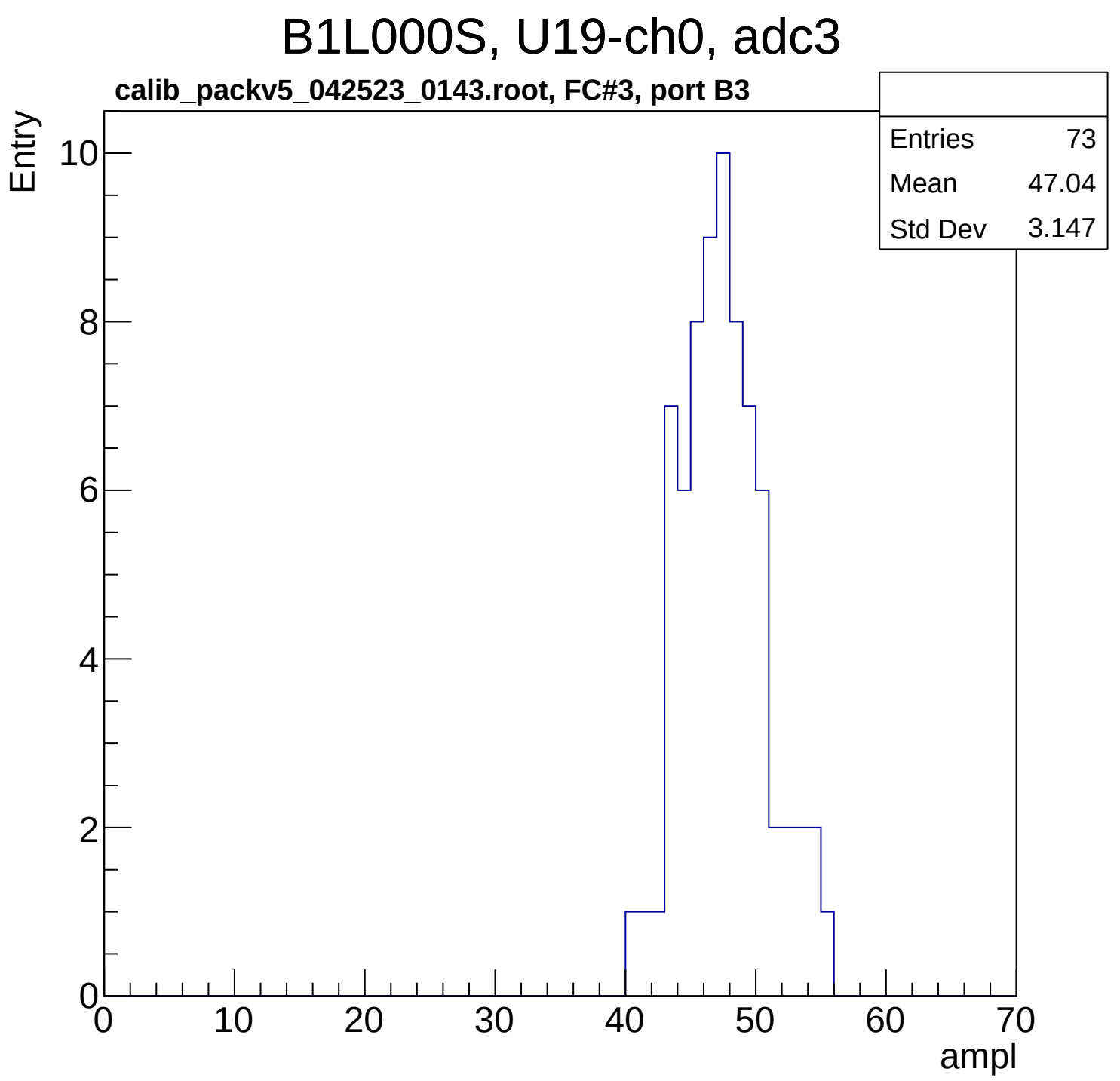
B1L000S, U19-ch0, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 47.04
Std Dev 3.147
Entry
ampl
0
2
4
6
8
10
0
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20
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40
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60
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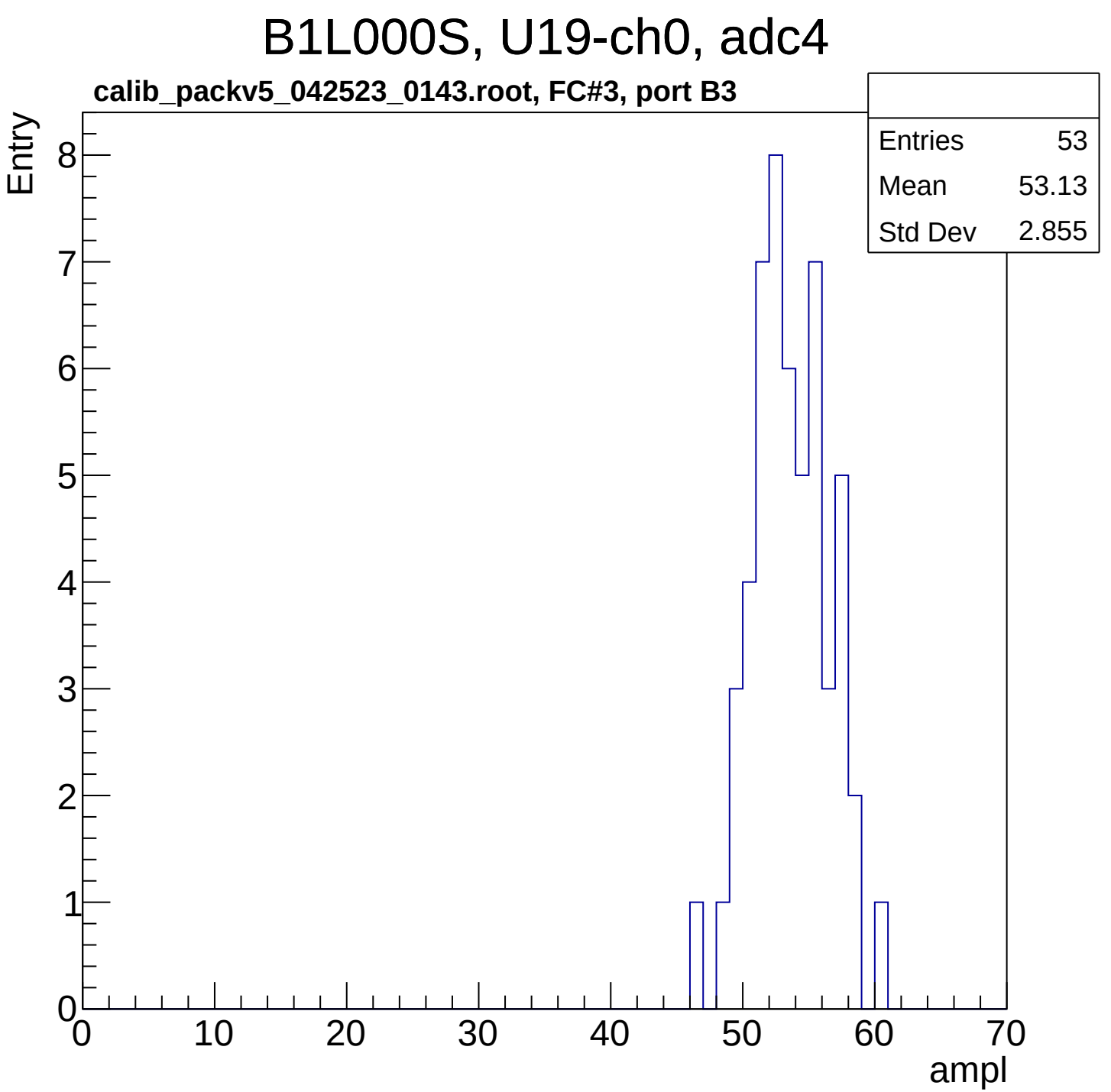
B1L000S, U19-ch0, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 53.13
Std Dev 2.855
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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60
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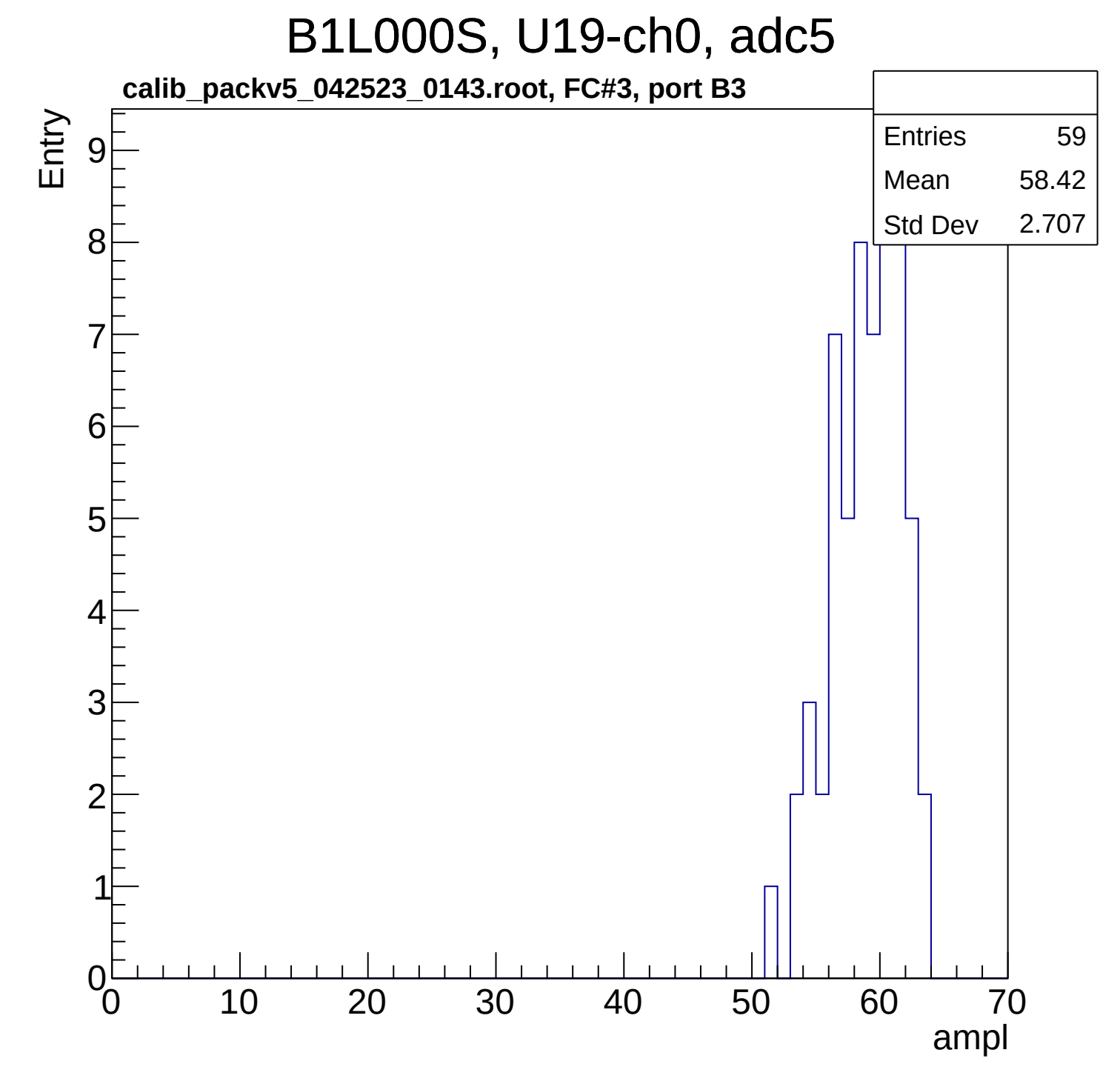
B1L000S, U19-ch0, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 58.42
Std Dev 2.707
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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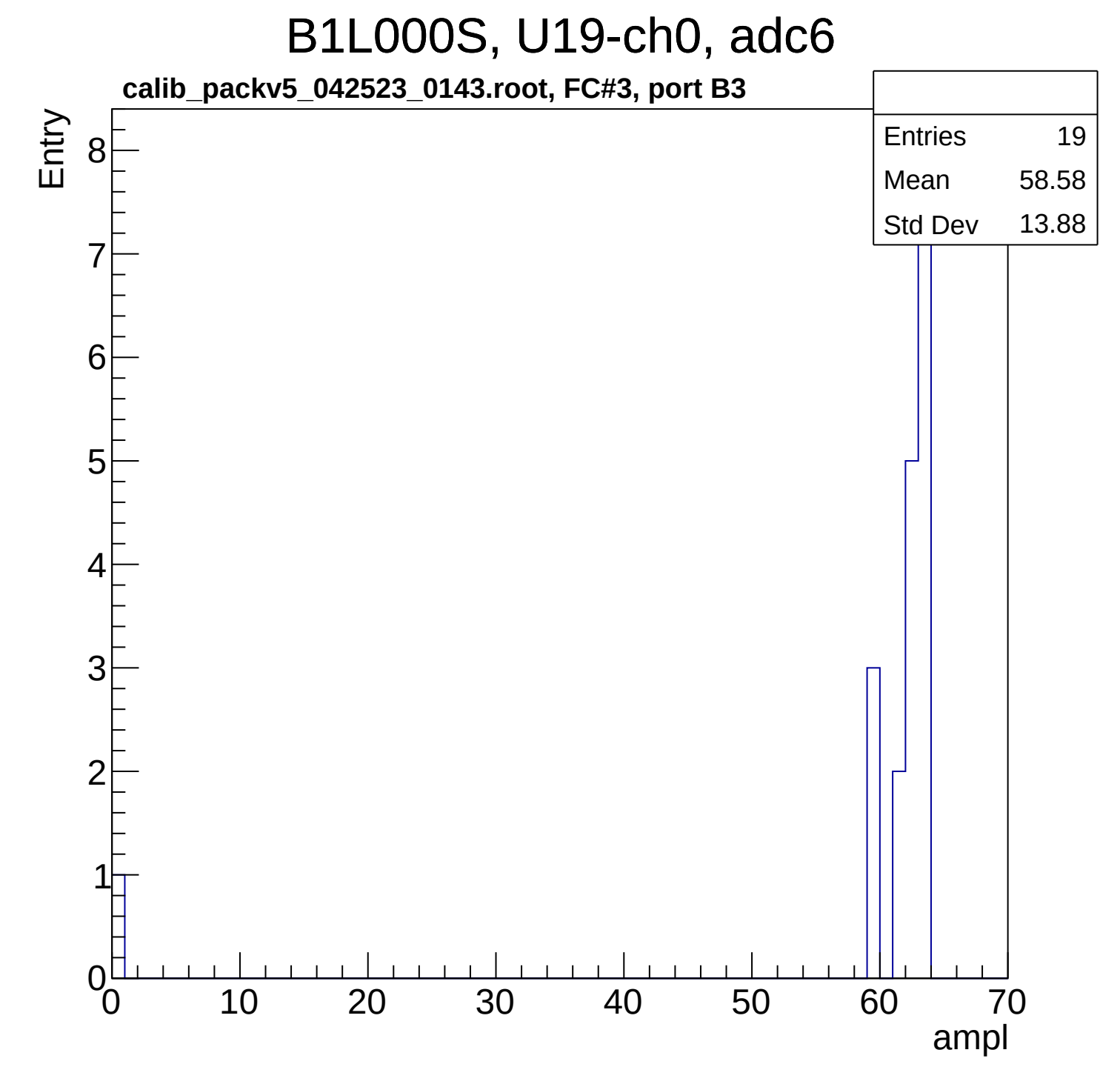
B1L000S, U19-ch0, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 19
Mean 58.58
Std Dev 13.88
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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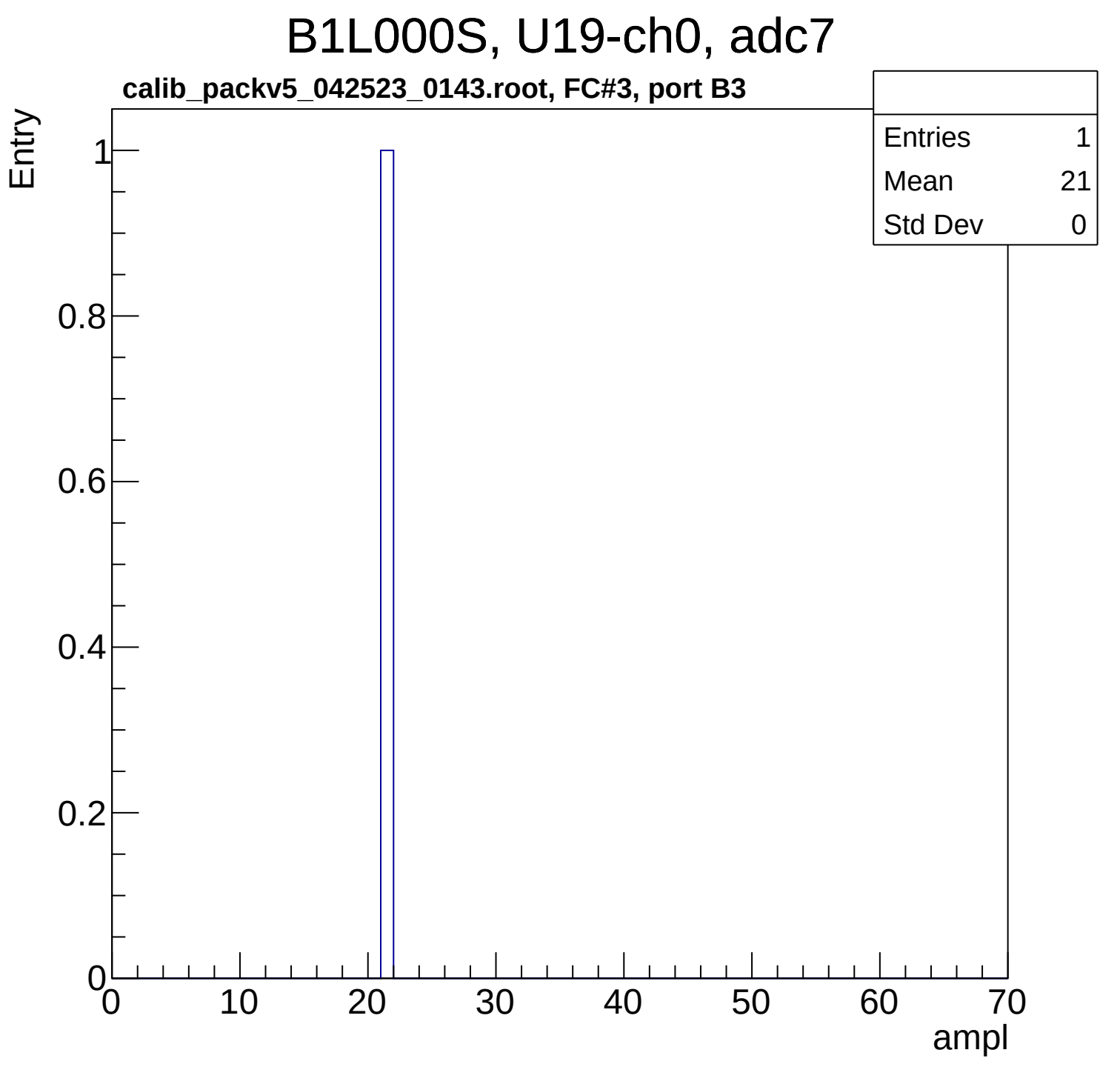
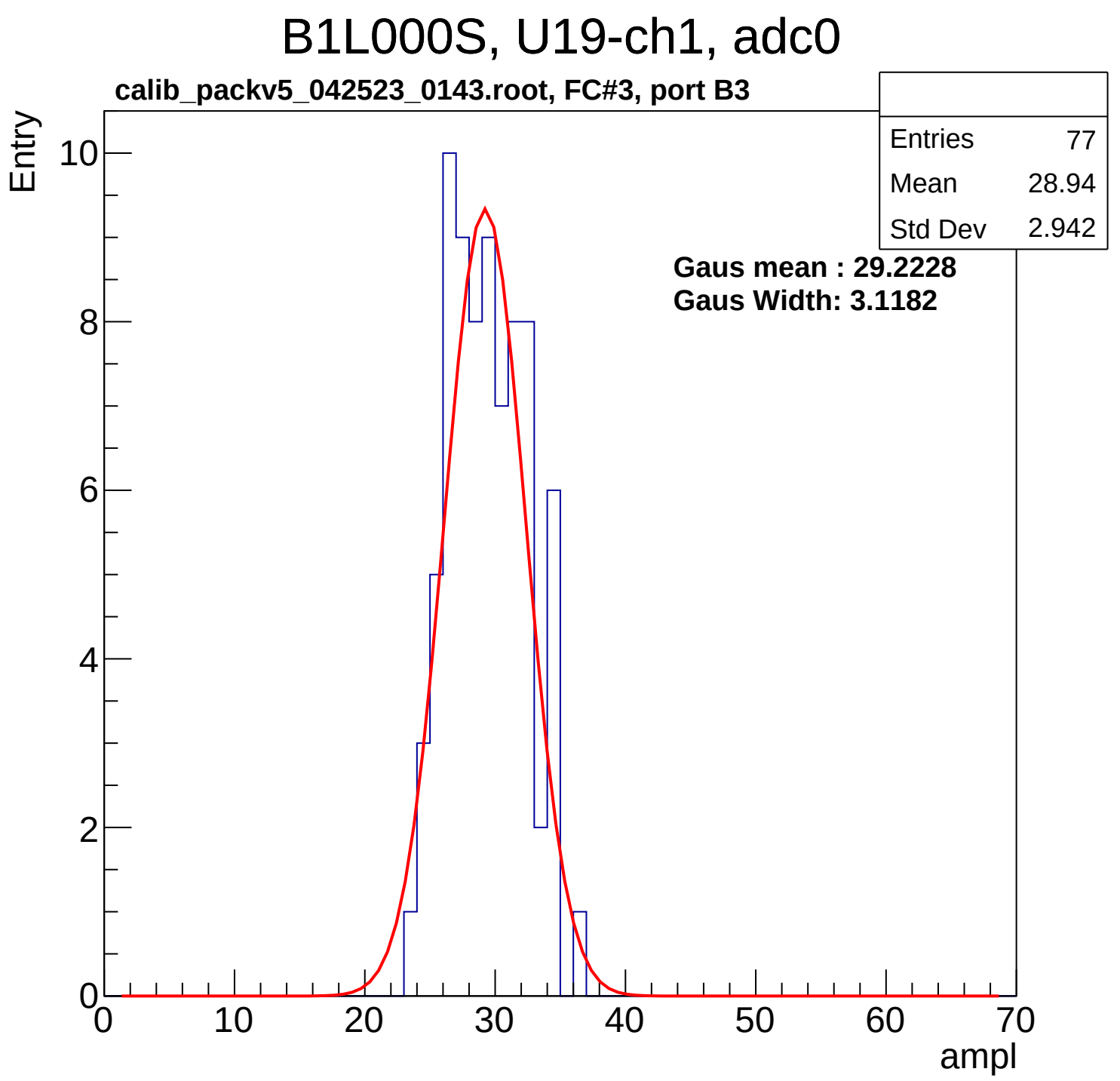
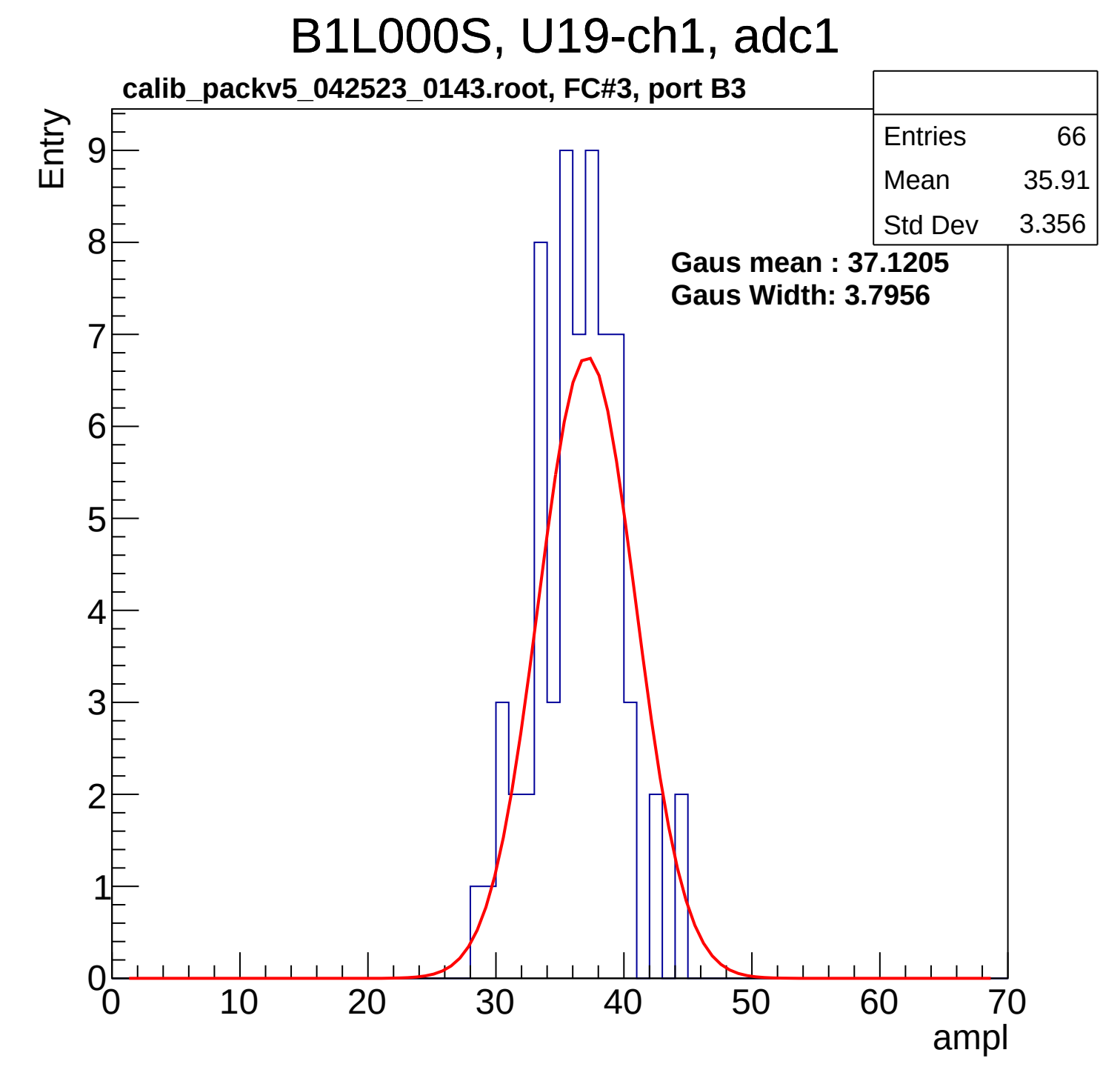

B1L000S, U19-ch0, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 21
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch1, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 28.94
Std Dev 2.942
Gaus mean : 29.2228
Gaus Width: 3.1182
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch1, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 35.91
Std Dev 3.356
Gaus mean : 37.1205
Gaus Width: 3.7956
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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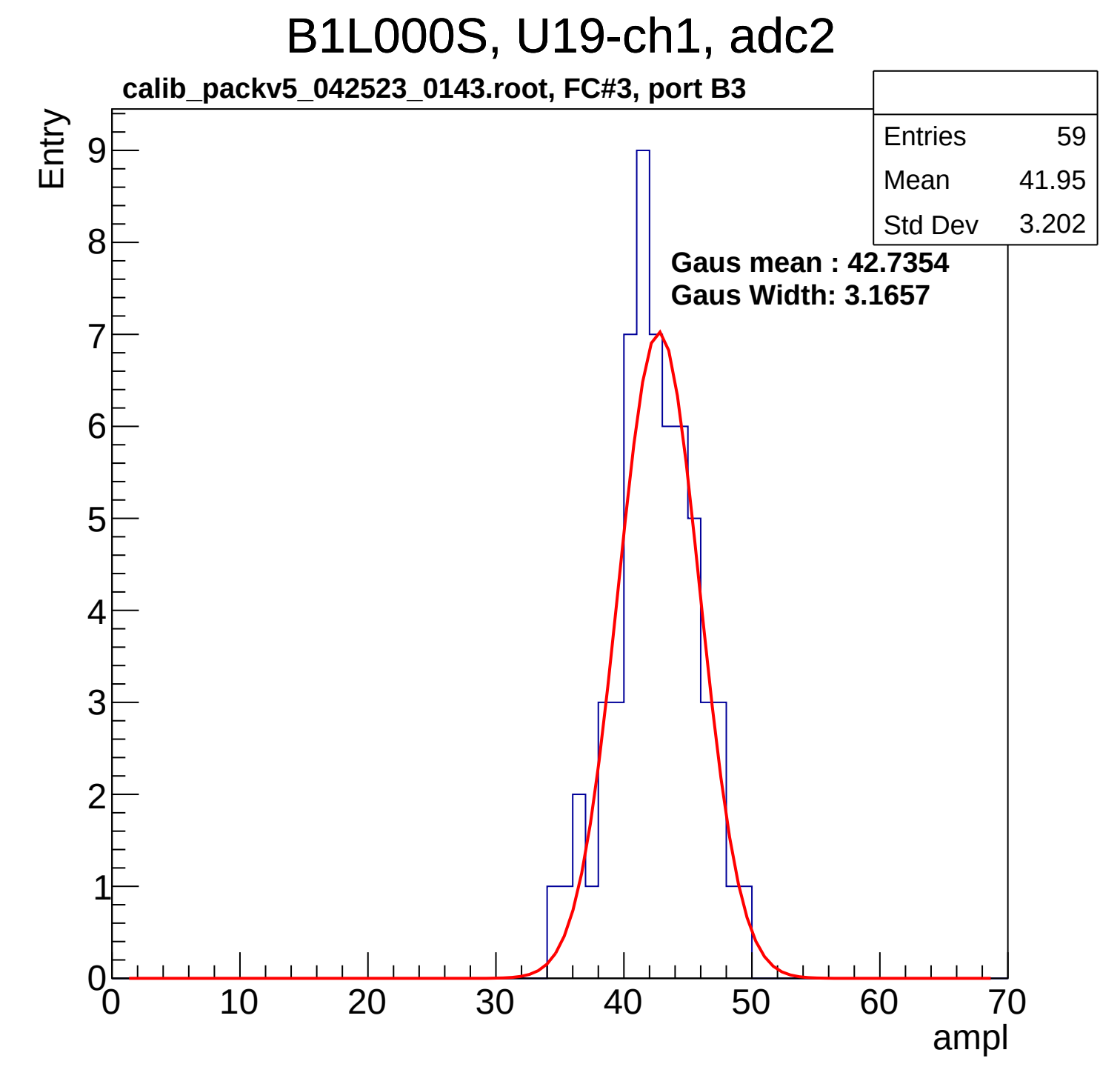
B1L000S, U19-ch1, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 41.95
Std Dev 3.202
Gaus mean : 42.7354
Gaus Width: 3.1657
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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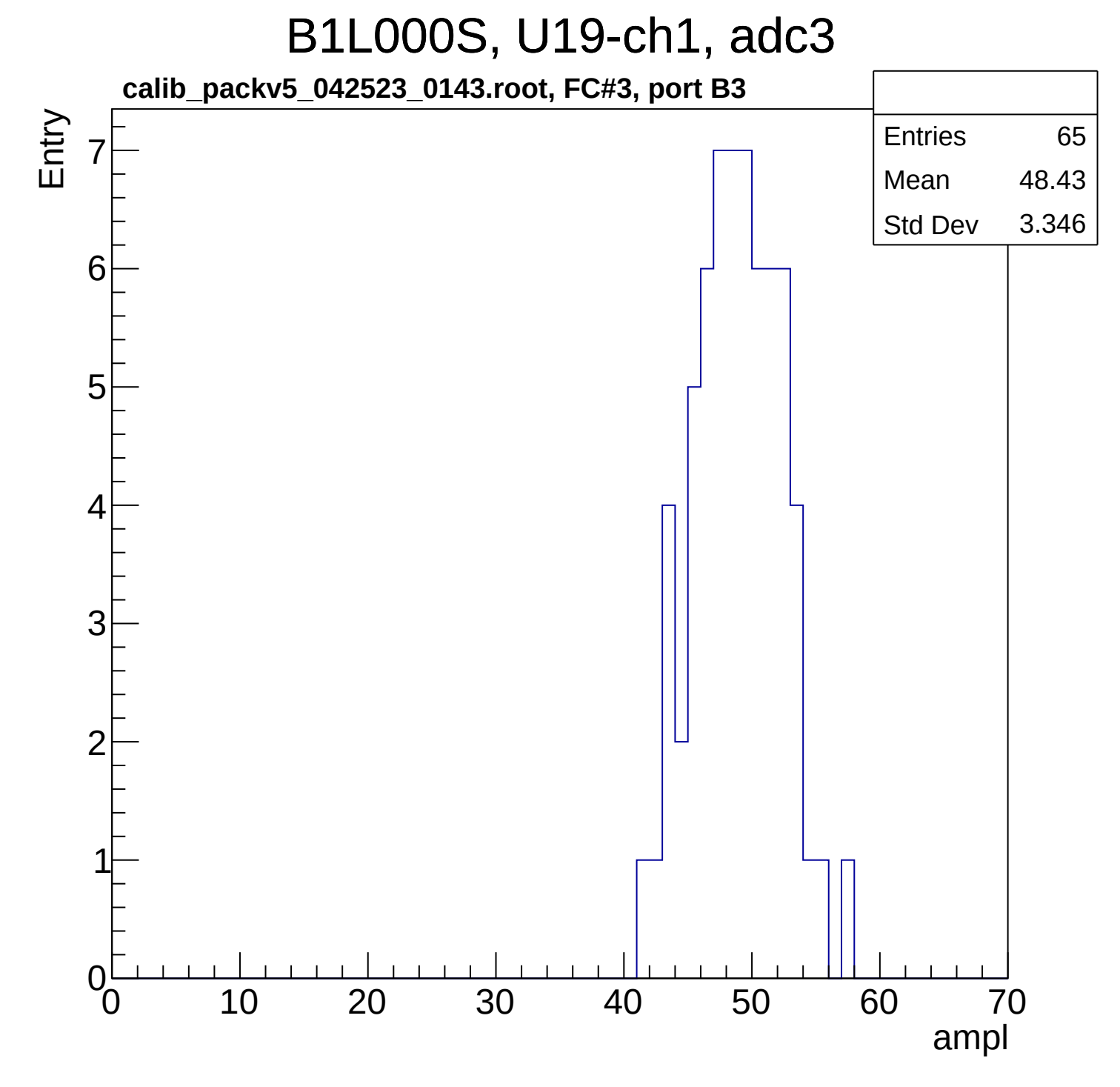
B1L000S, U19-ch1, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 48.43
Std Dev 3.346
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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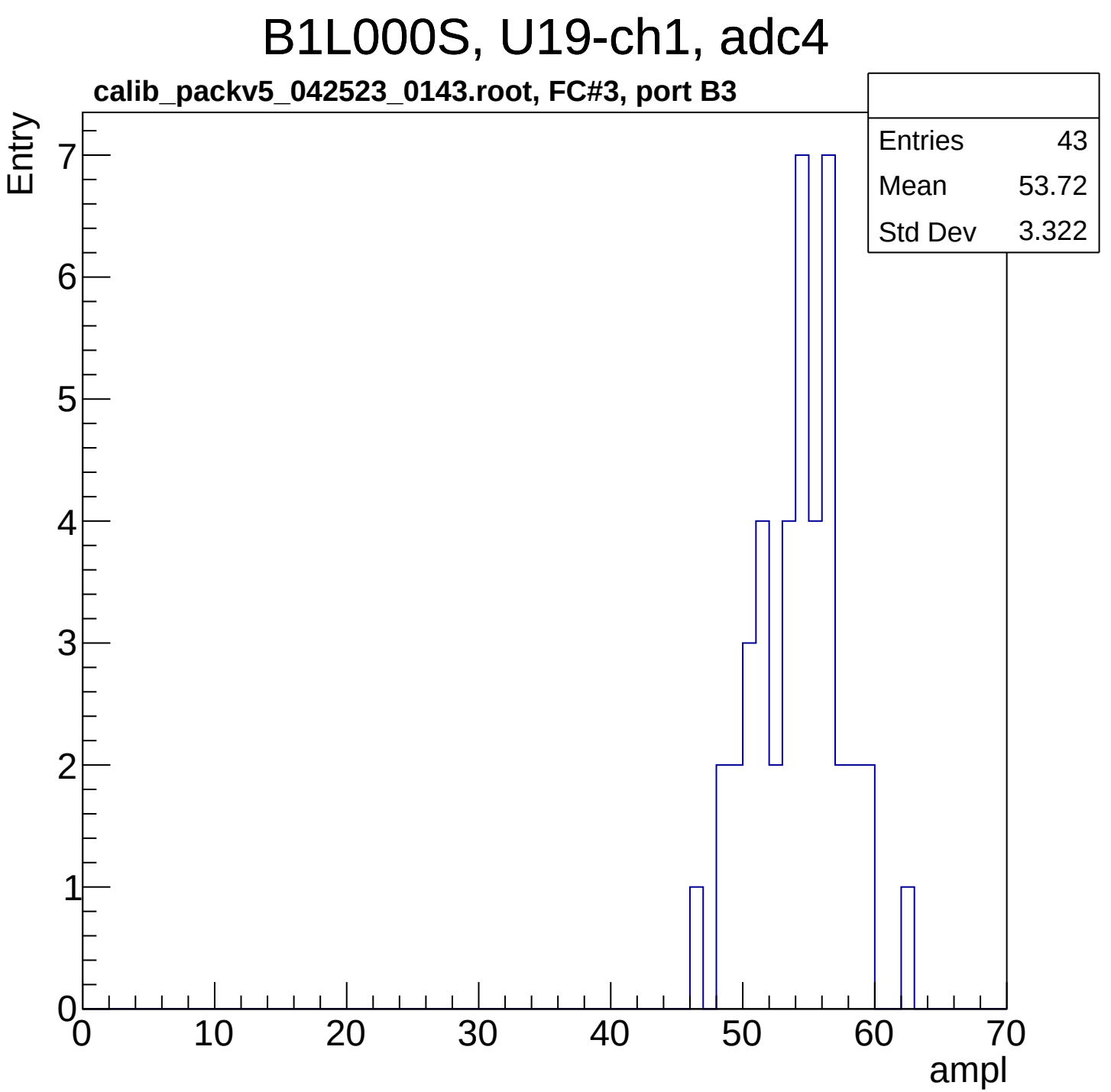
B1L000S, U19-ch1, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 53.72
Std Dev 3.322
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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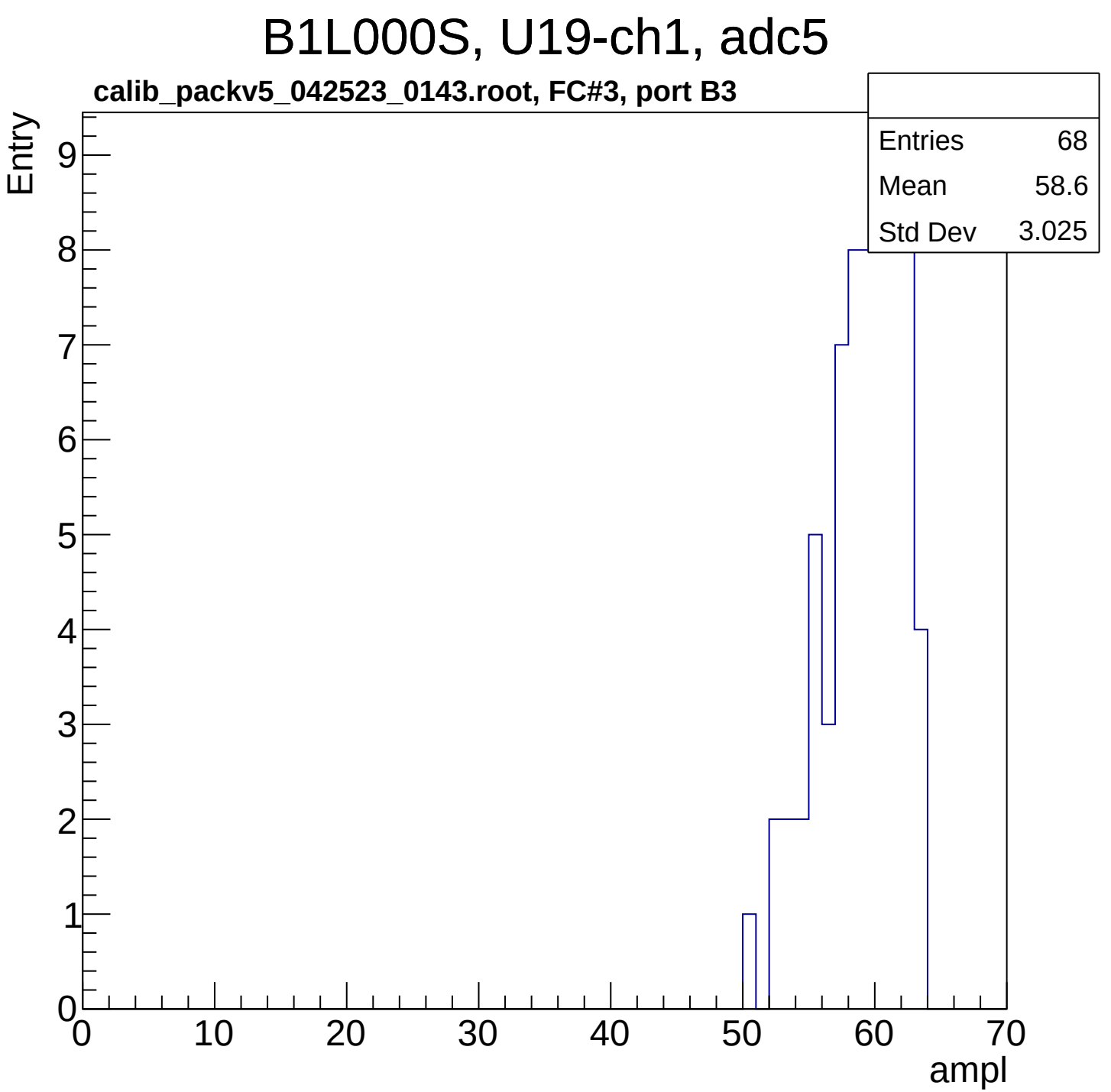
B1L000S, U19-ch1, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 58.6
Std Dev 3.025
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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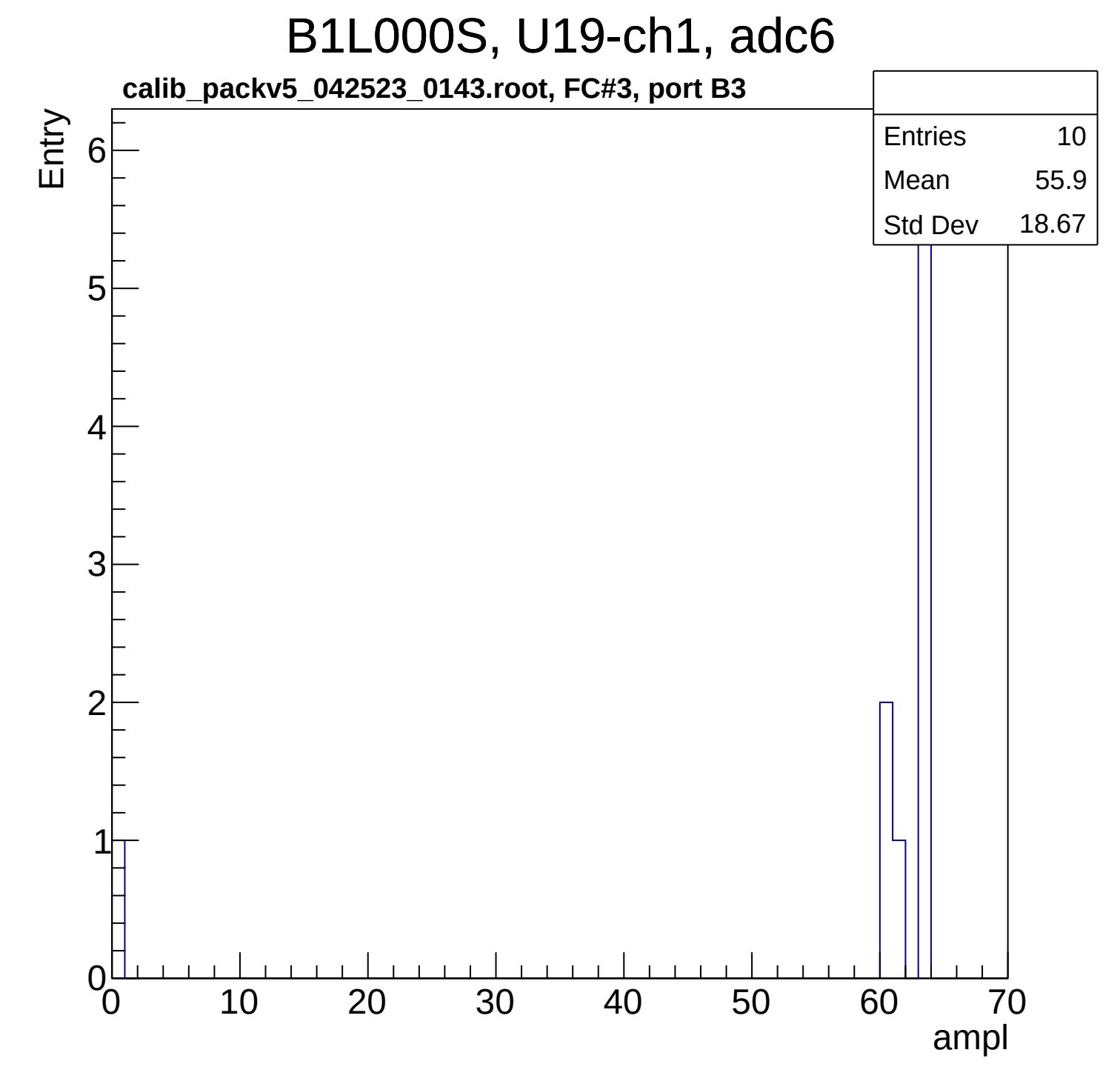
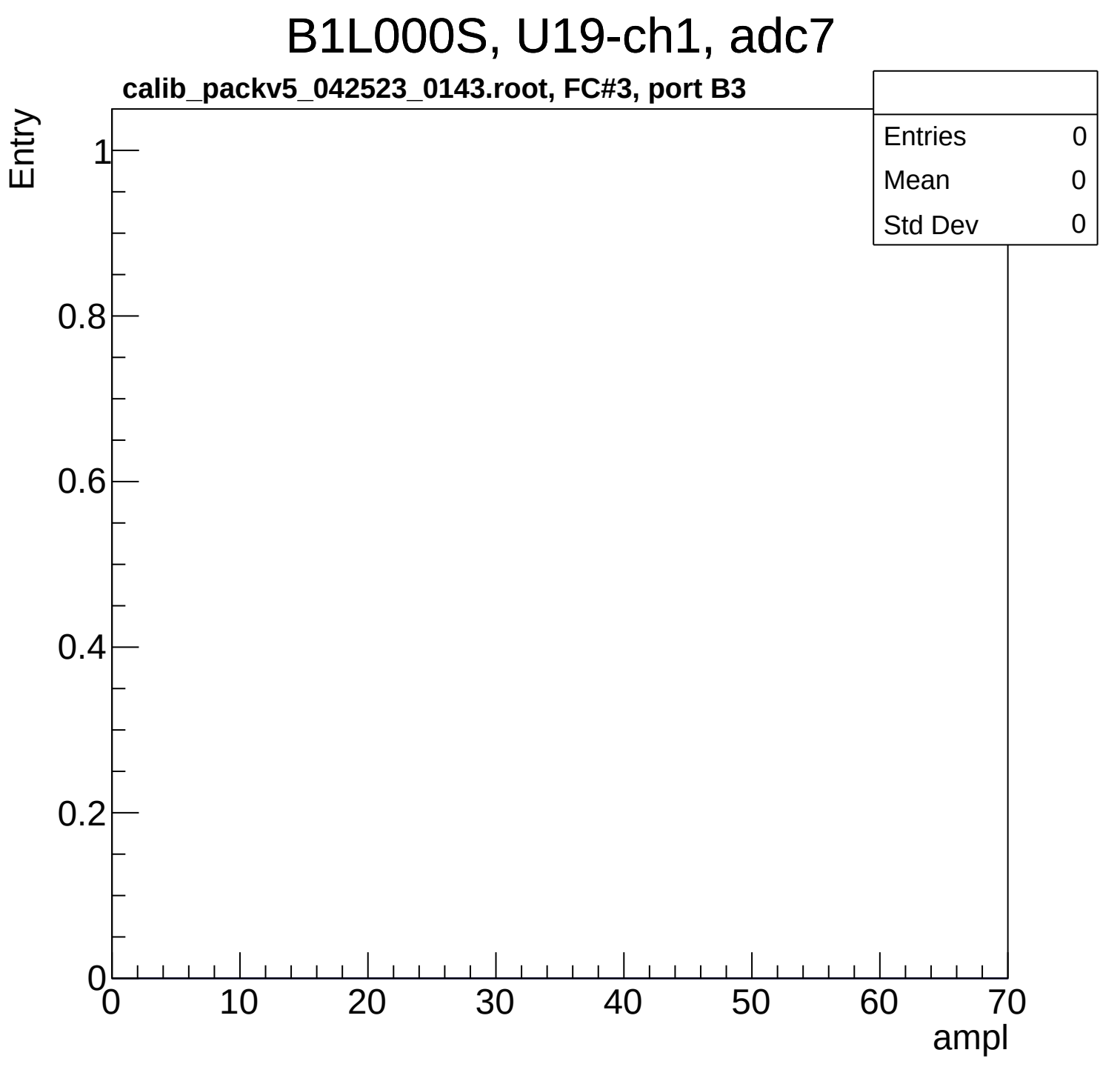
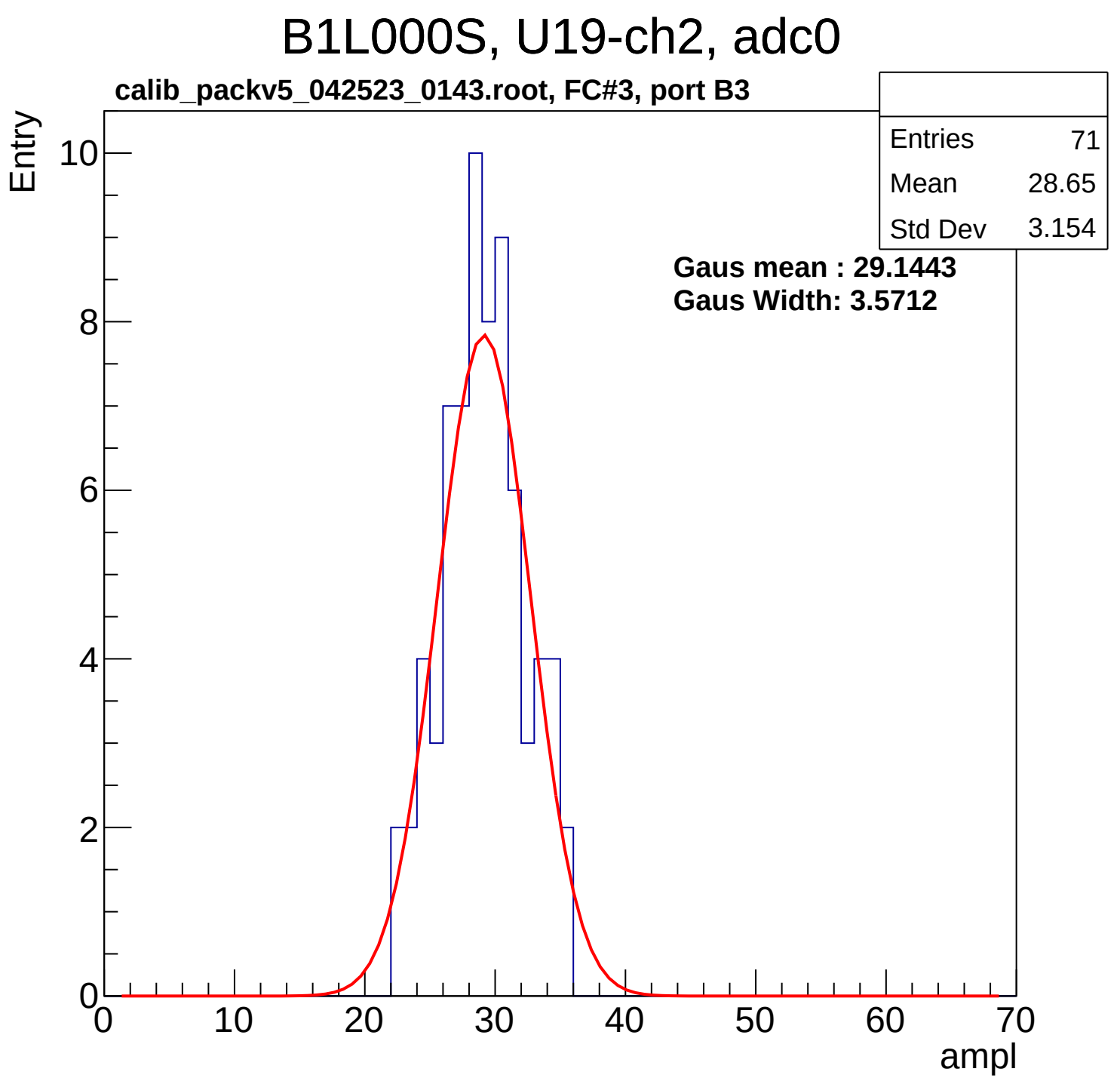
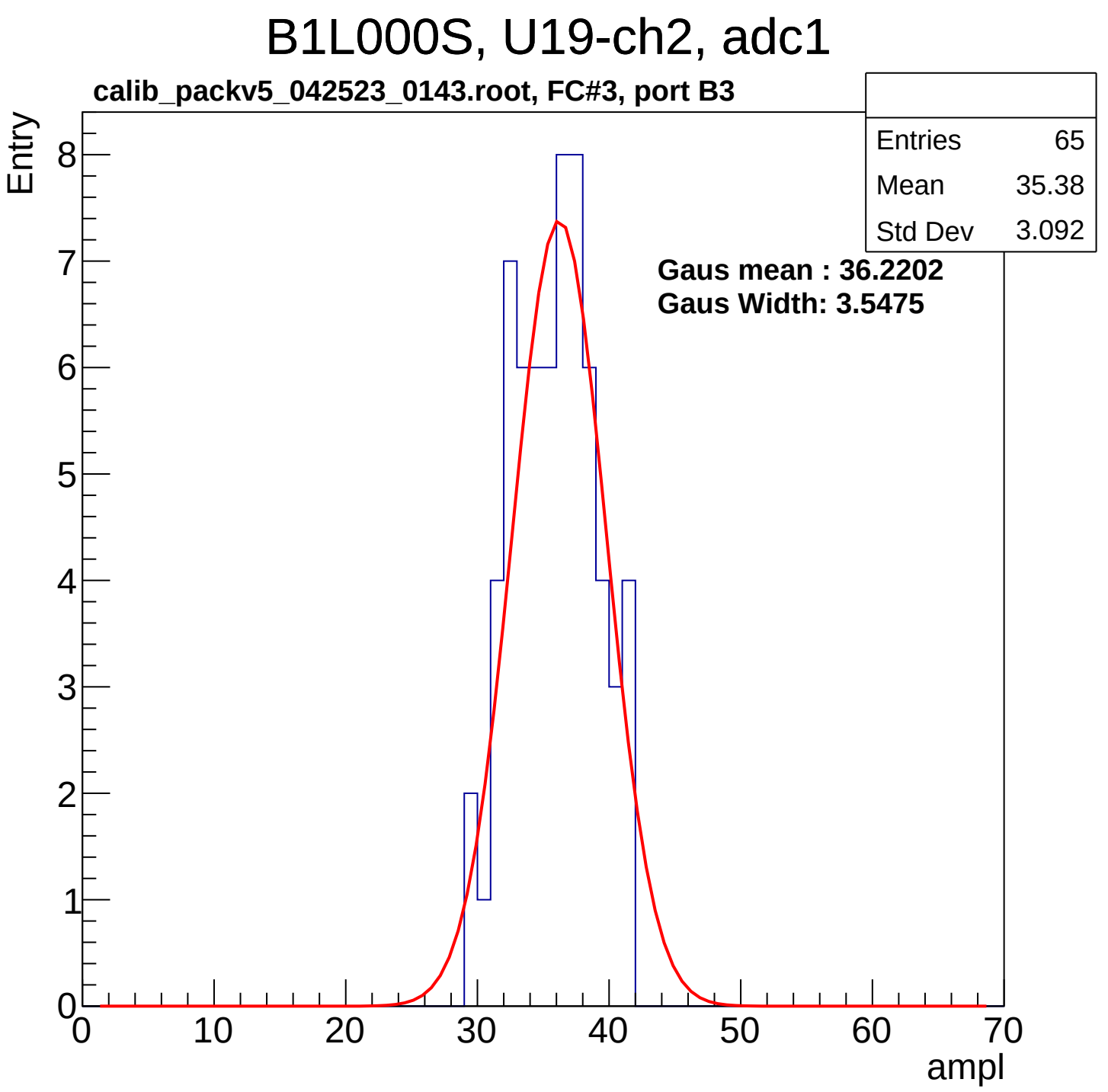

B1L000S, U19-ch1, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 10
Mean 55.9
Std Dev 18.67
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-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, U19-ch2, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 28.65
Std Dev 3.154
Gaus mean : 29.1443
Gaus Width: 3.5712
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch2, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 35.38
Std Dev 3.092
Gaus mean : 36.2202
Gaus Width: 3.5475
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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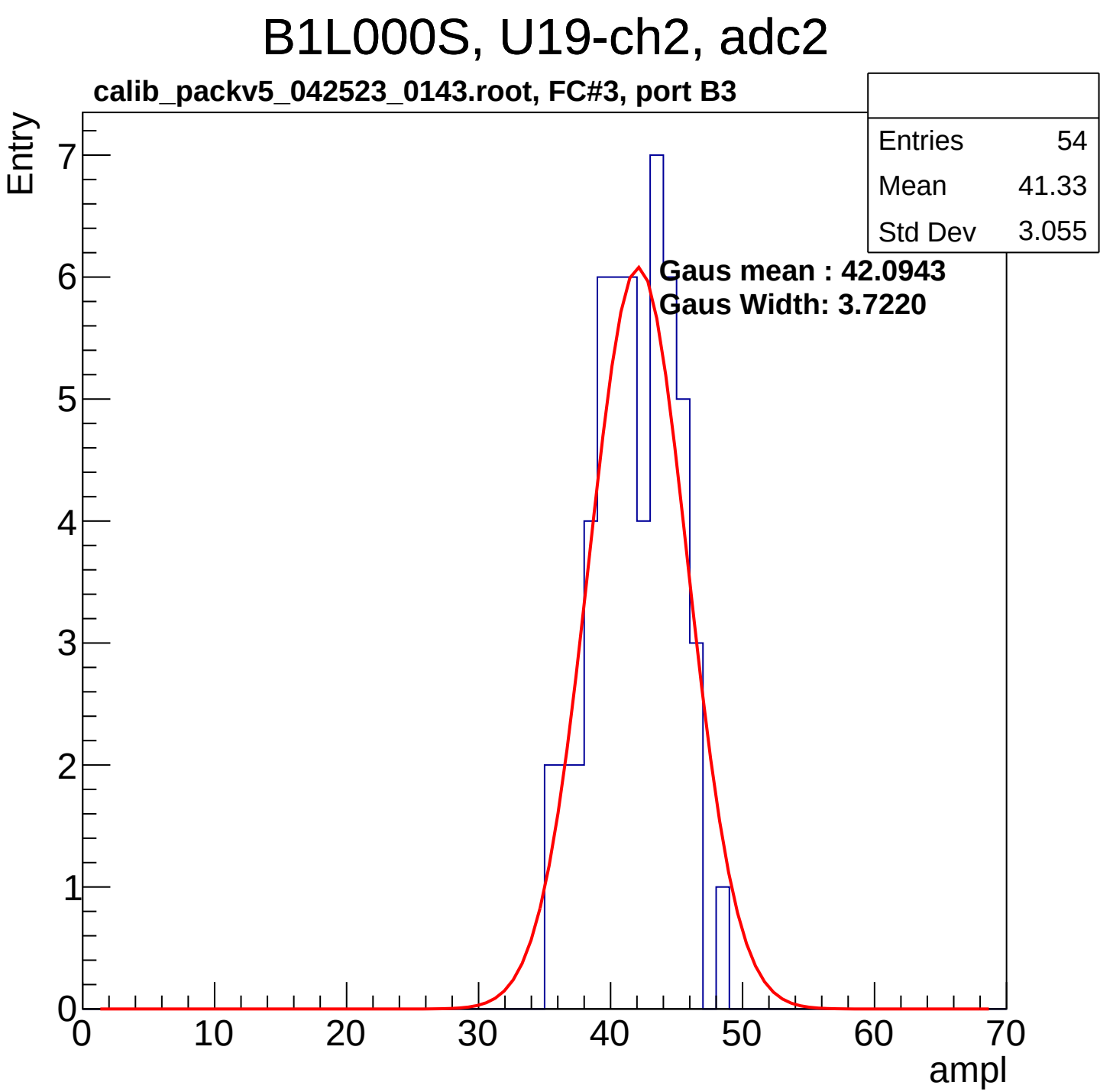
B1L000S, U19-ch2, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 41.33
Std Dev 3.055
Gaus mean : 42.0943
Gaus Width: 3.7220
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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40
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60
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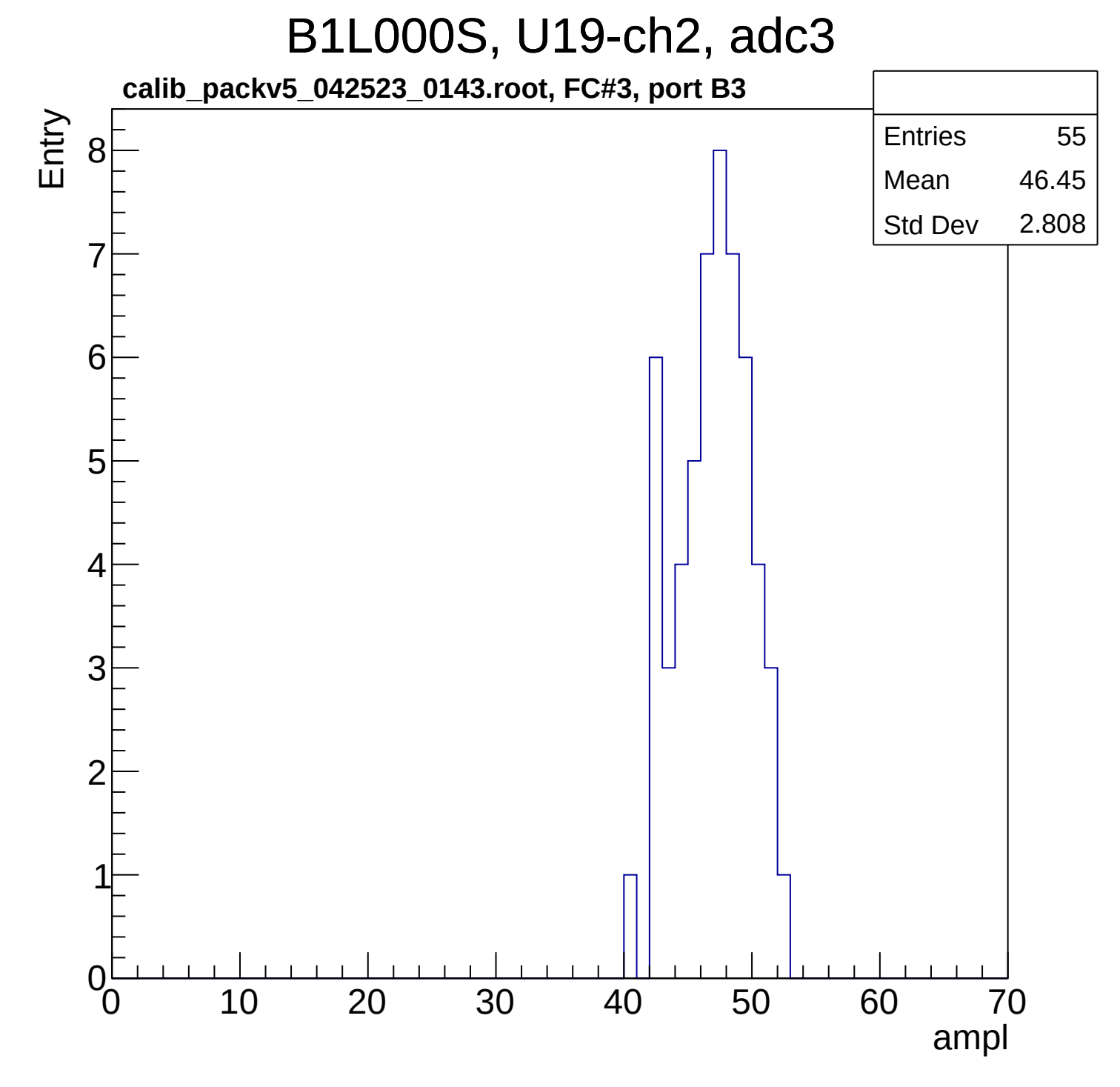
B1L000S, U19-ch2, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 46.45
Std Dev 2.808
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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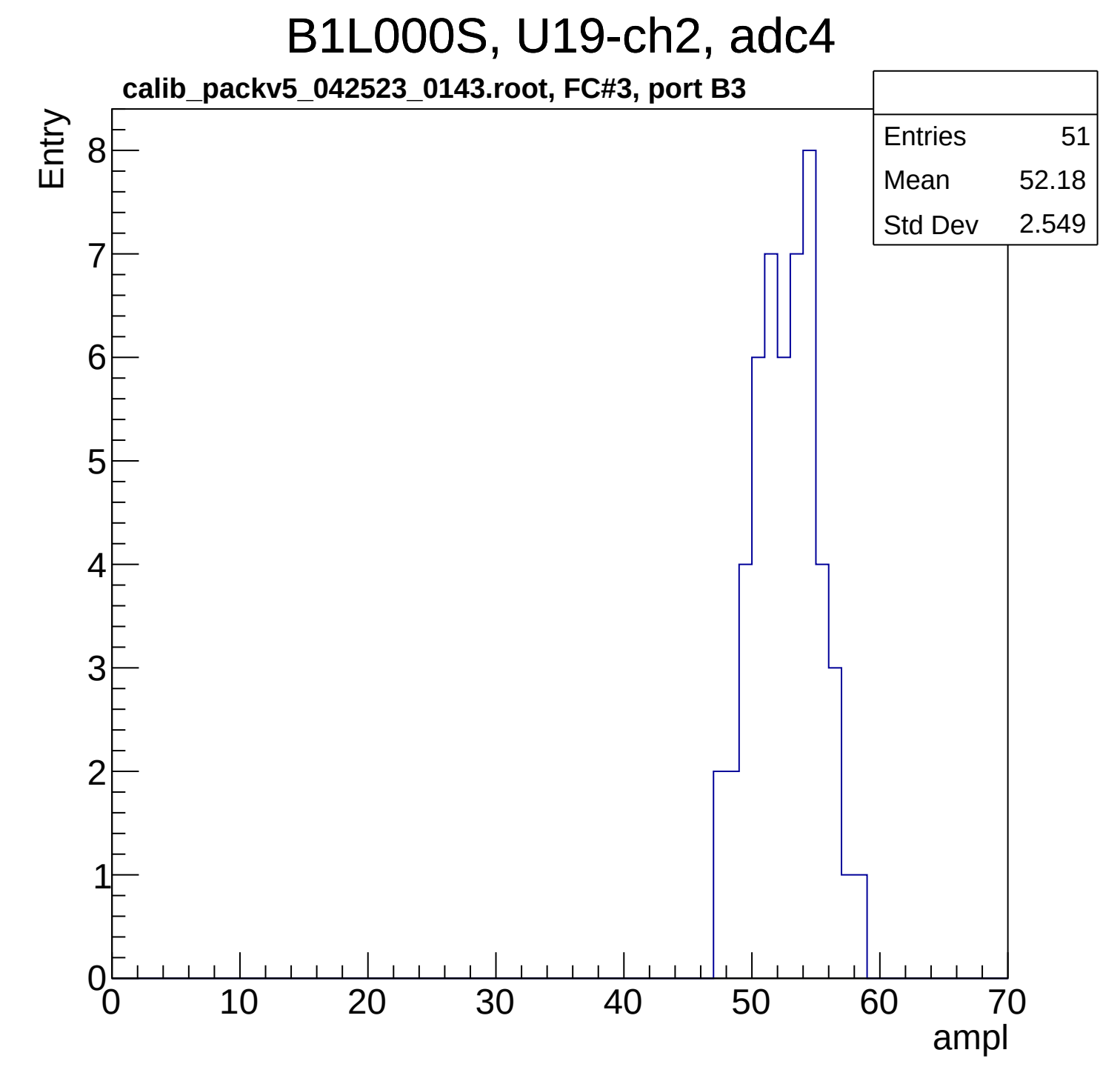
B1L000S, U19-ch2, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 52.18
Std Dev 2.549
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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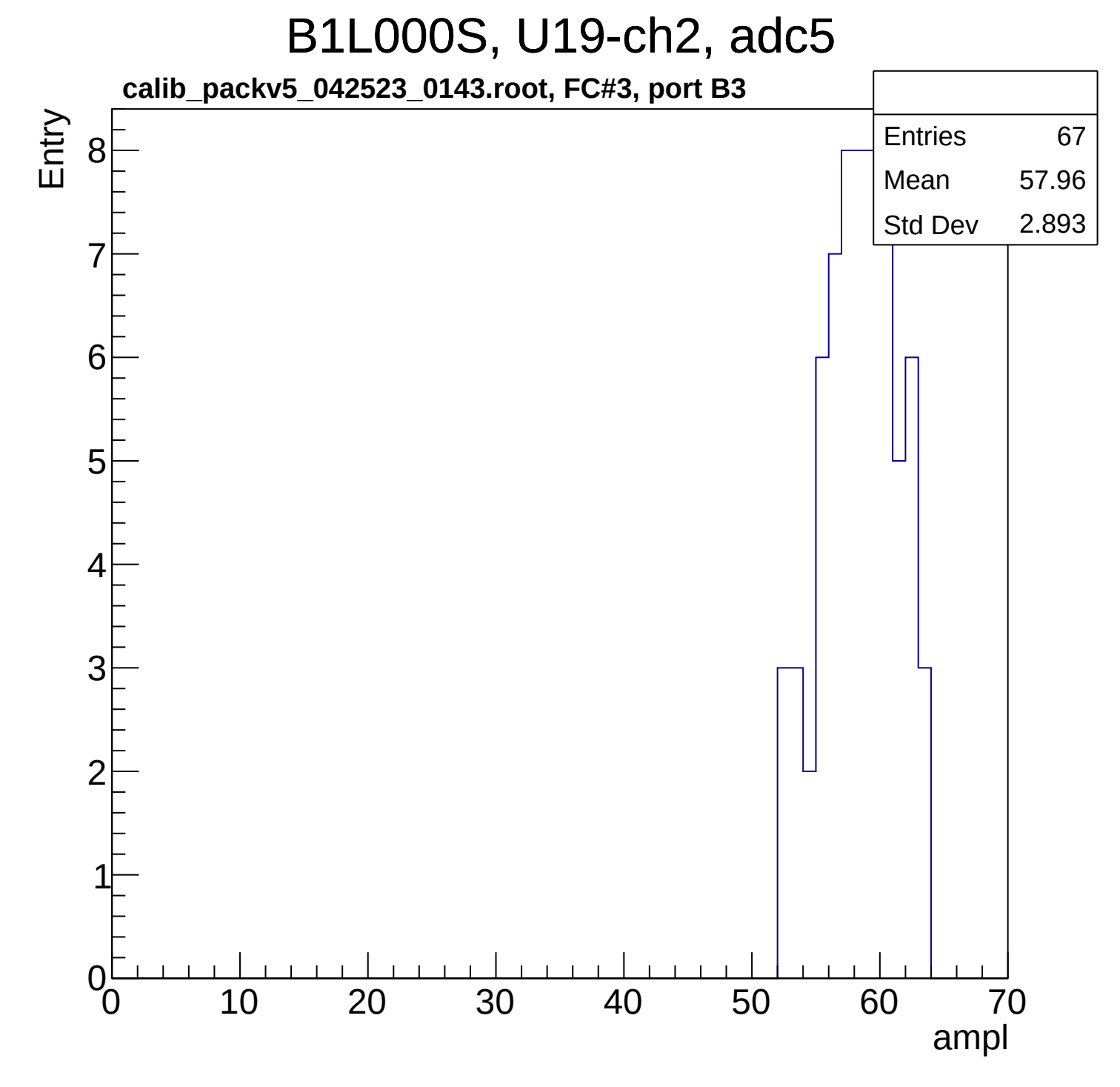
B1L000S, U19-ch2, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 57.96
Std Dev 2.893
Entry
ampl
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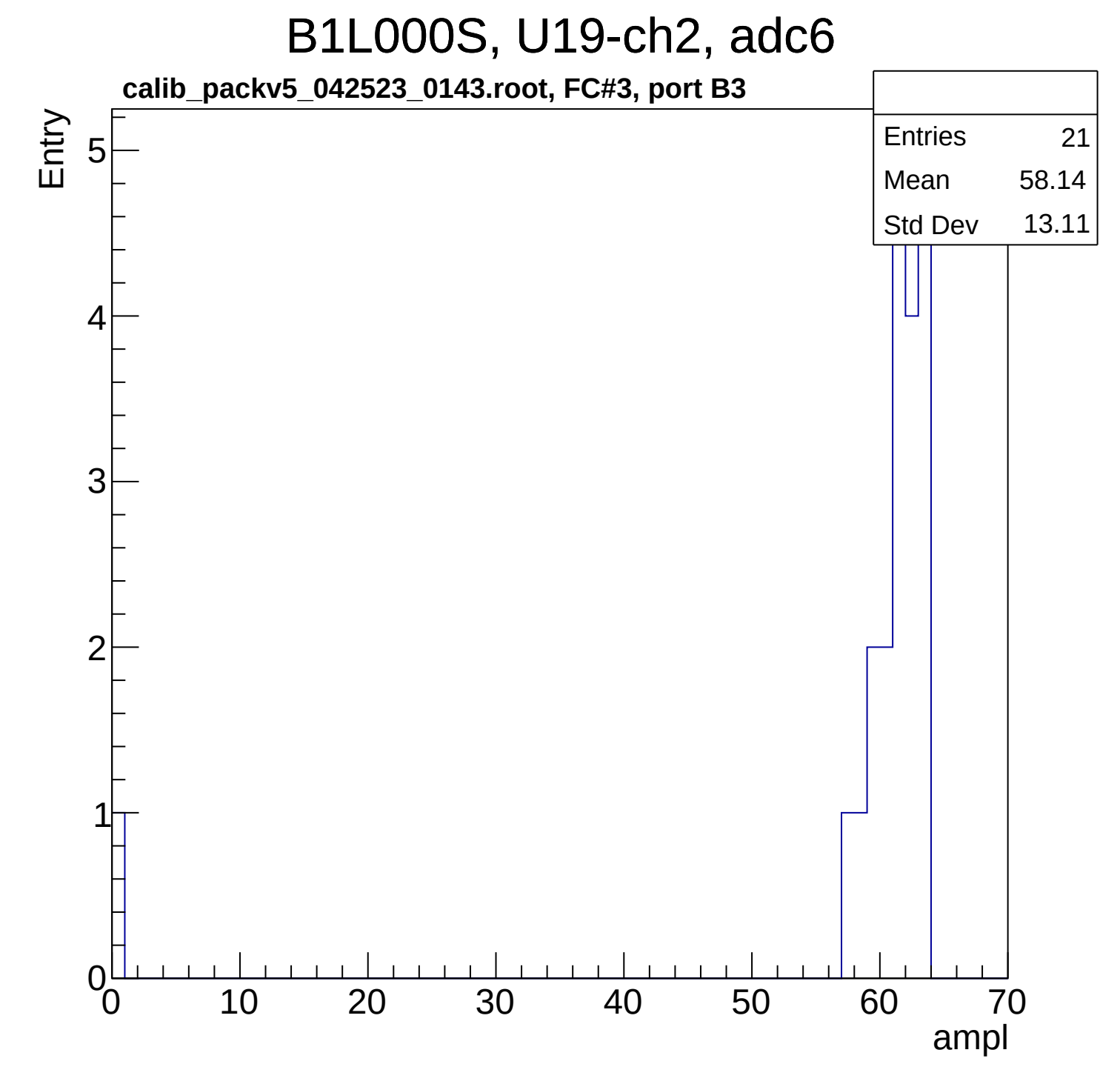
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch2, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 21
Mean 58.14
Std Dev 13.11
Entry
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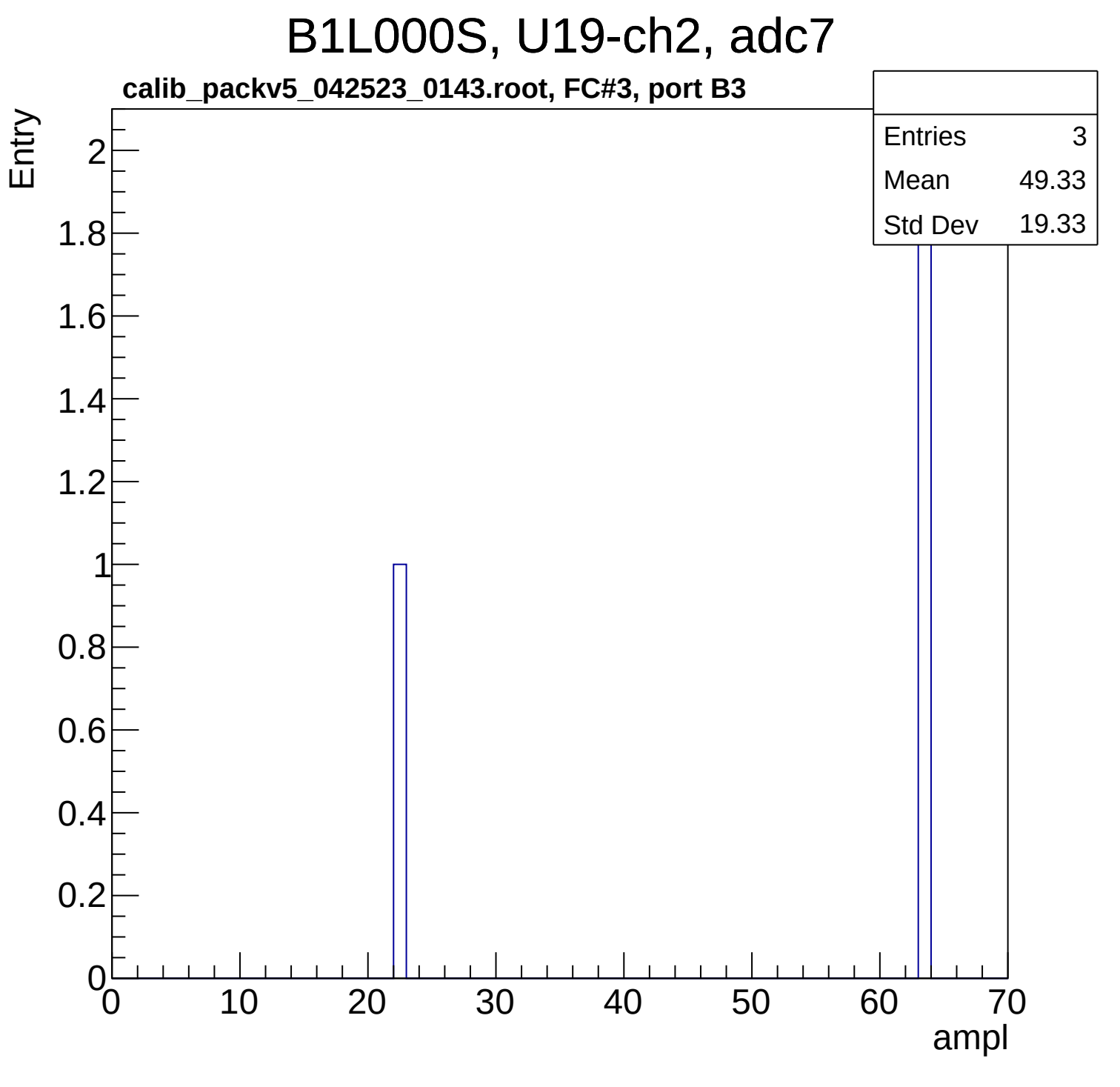
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch2, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 49.33
Std Dev 19.33
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
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30
40
50
60
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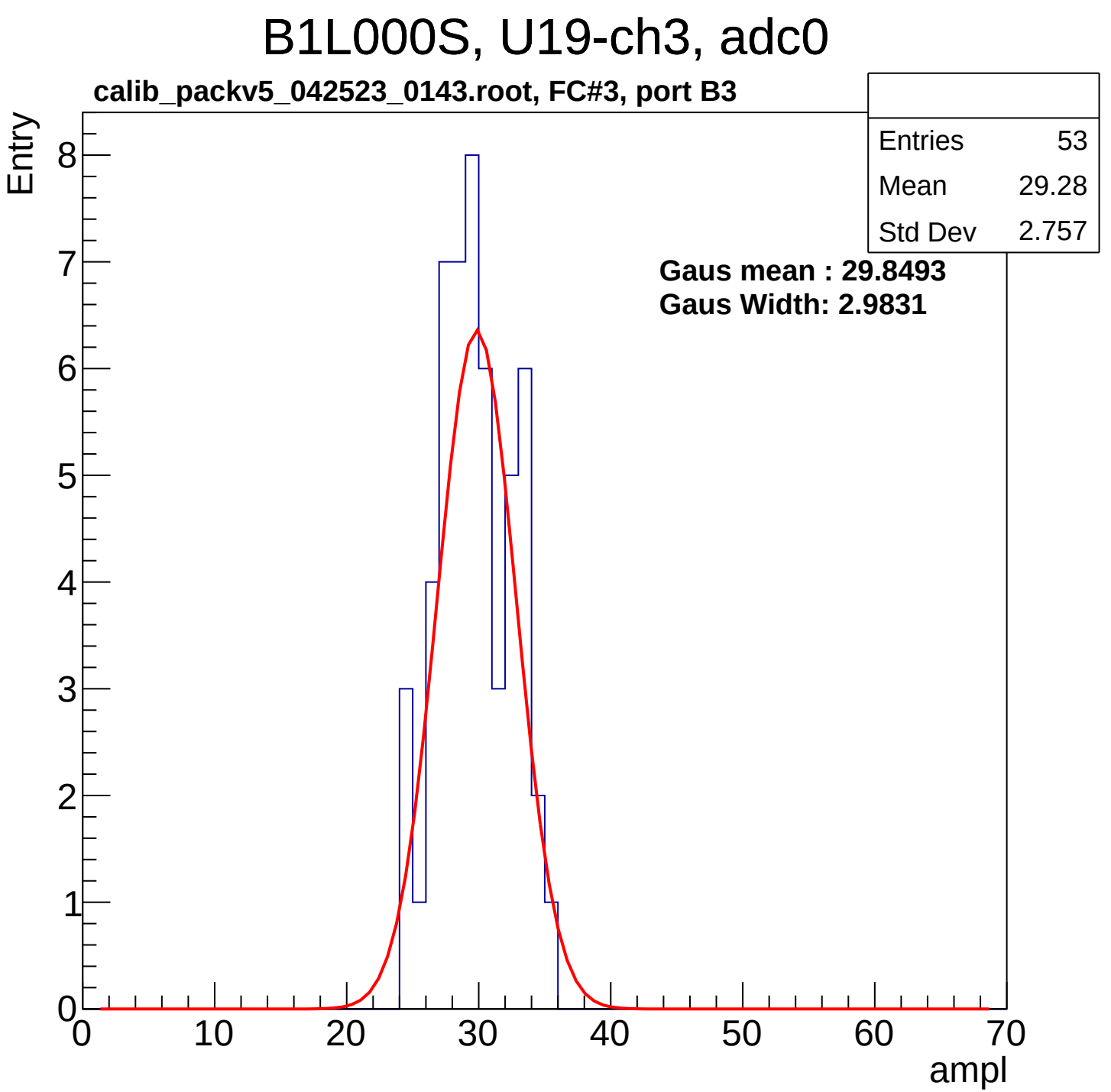
B1L000S, U19-ch3, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 29.28
Std Dev 2.757
Gaus mean : 29.8493
Gaus Width: 2.9831
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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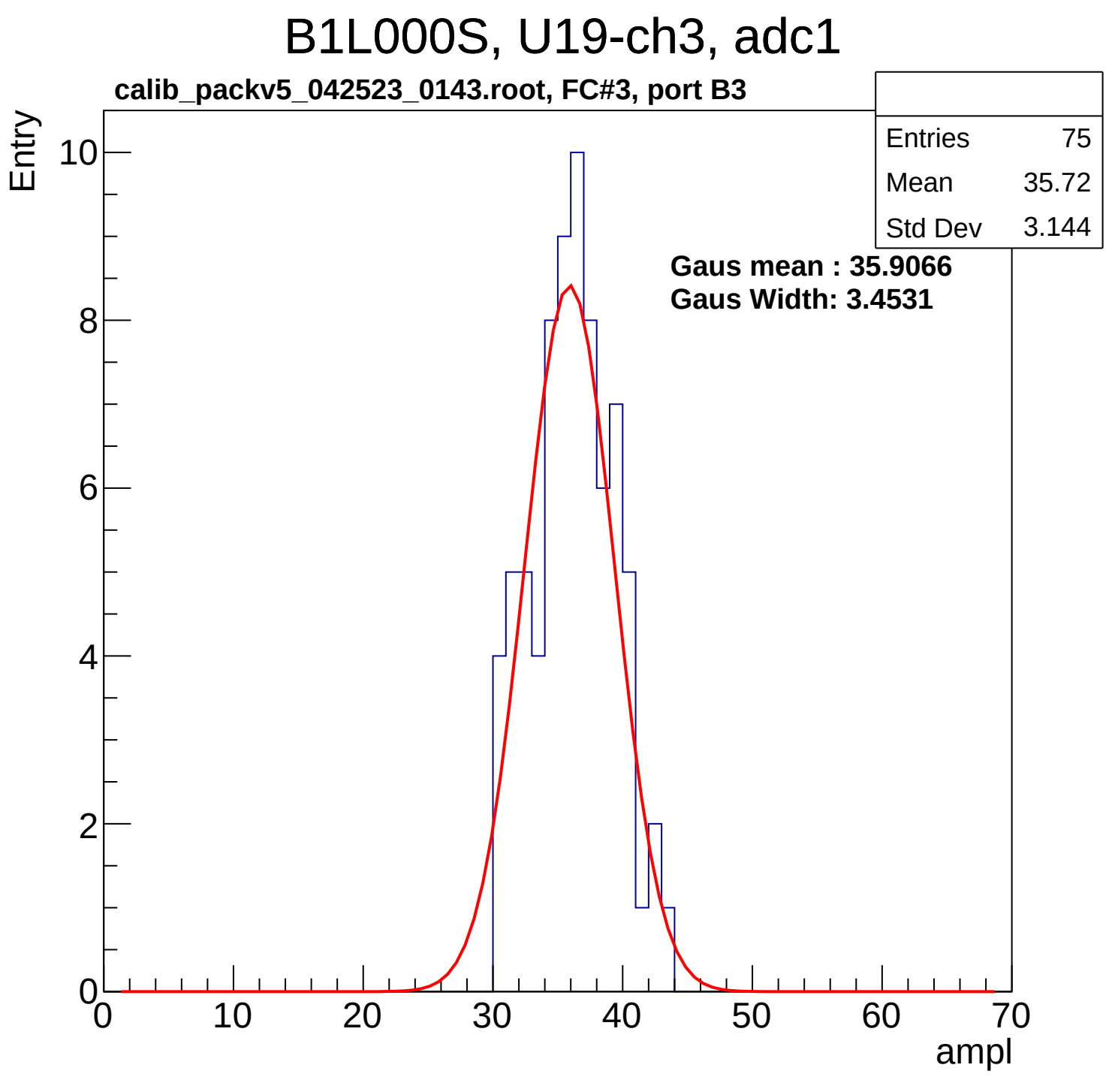
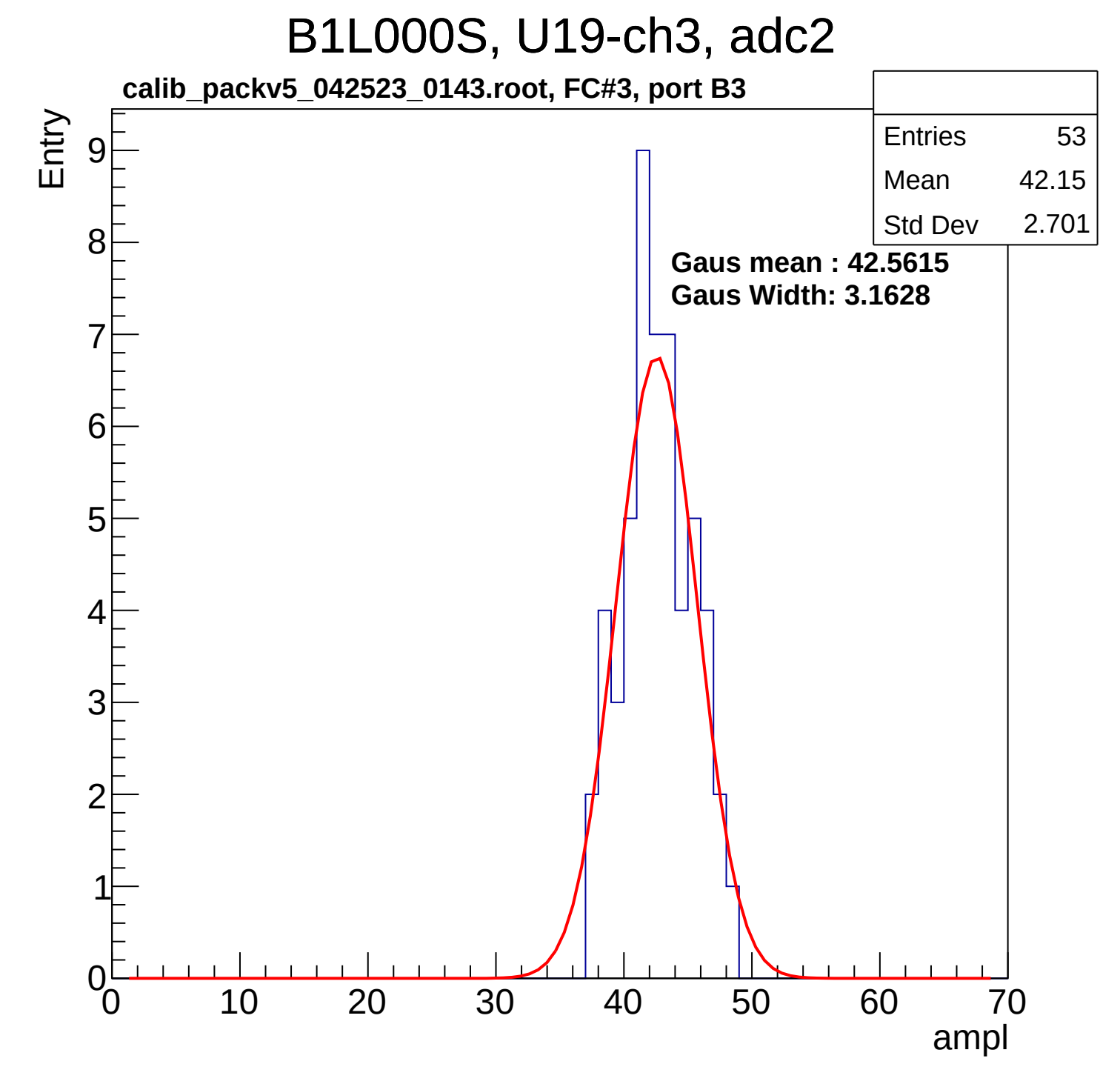

B1L000S, U19-ch3, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 35.72
Std Dev 3.144
Gaus mean : 35.9066
Gaus Width: 3.4531
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch3, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 42.15
Std Dev 2.701
Gaus mean : 42.5615
Gaus Width: 3.1628
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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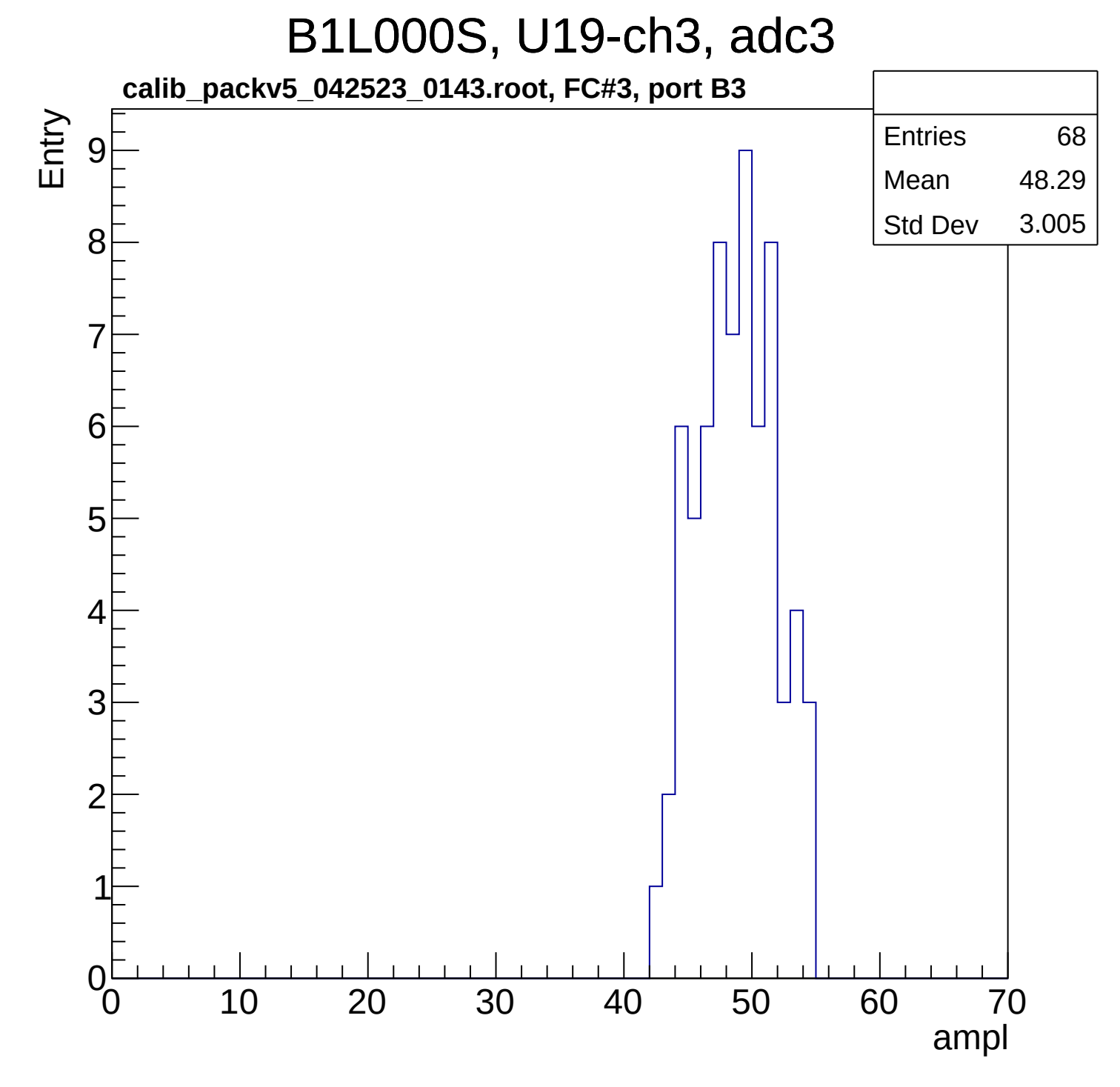
B1L000S, U19-ch3, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 48.29
Std Dev 3.005
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
10
20
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50
60
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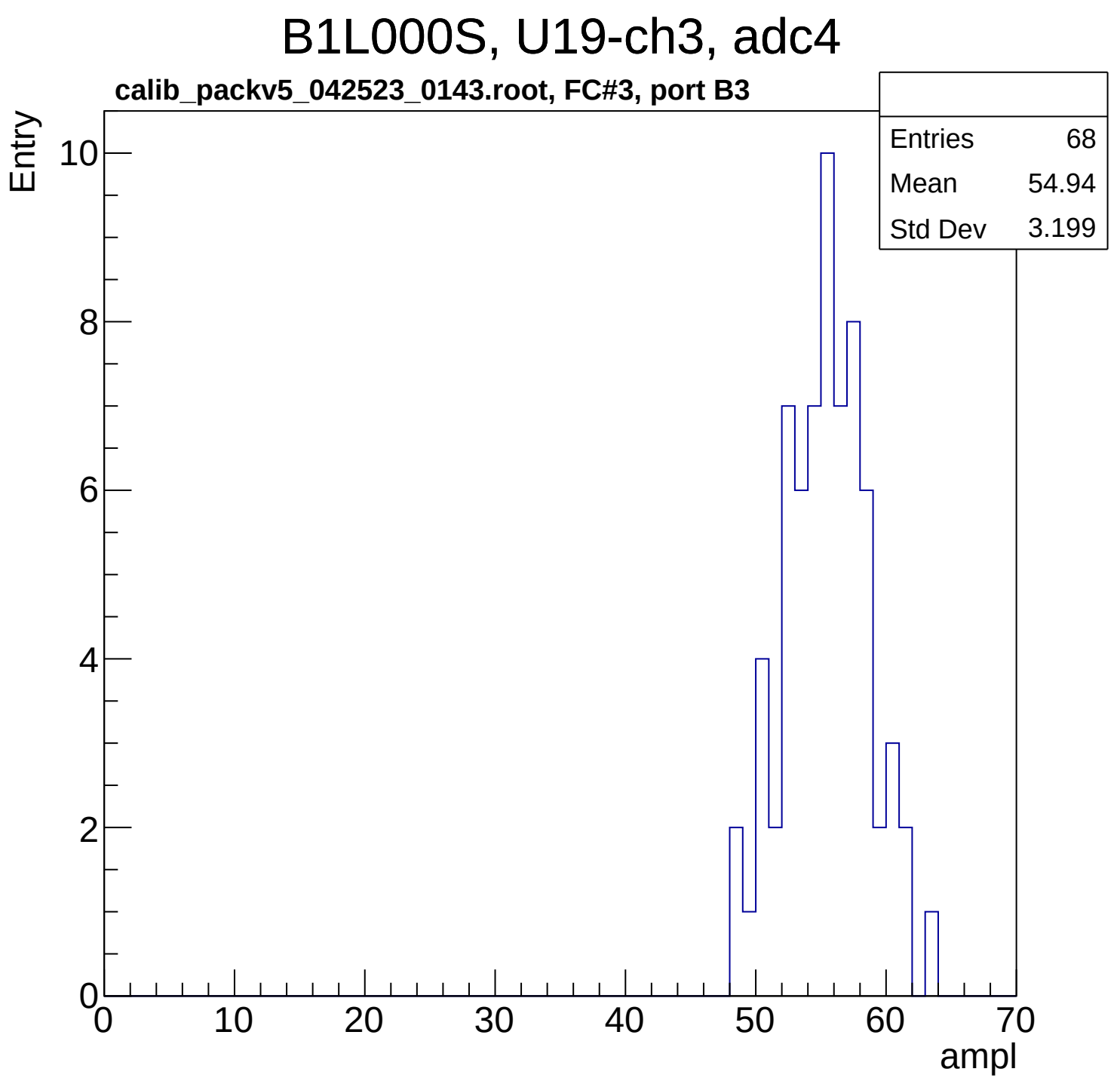
B1L000S, U19-ch3, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 54.94
Std Dev 3.199
Entry
ampl
0
2
4
6
8
10
0
10
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30
40
50
60
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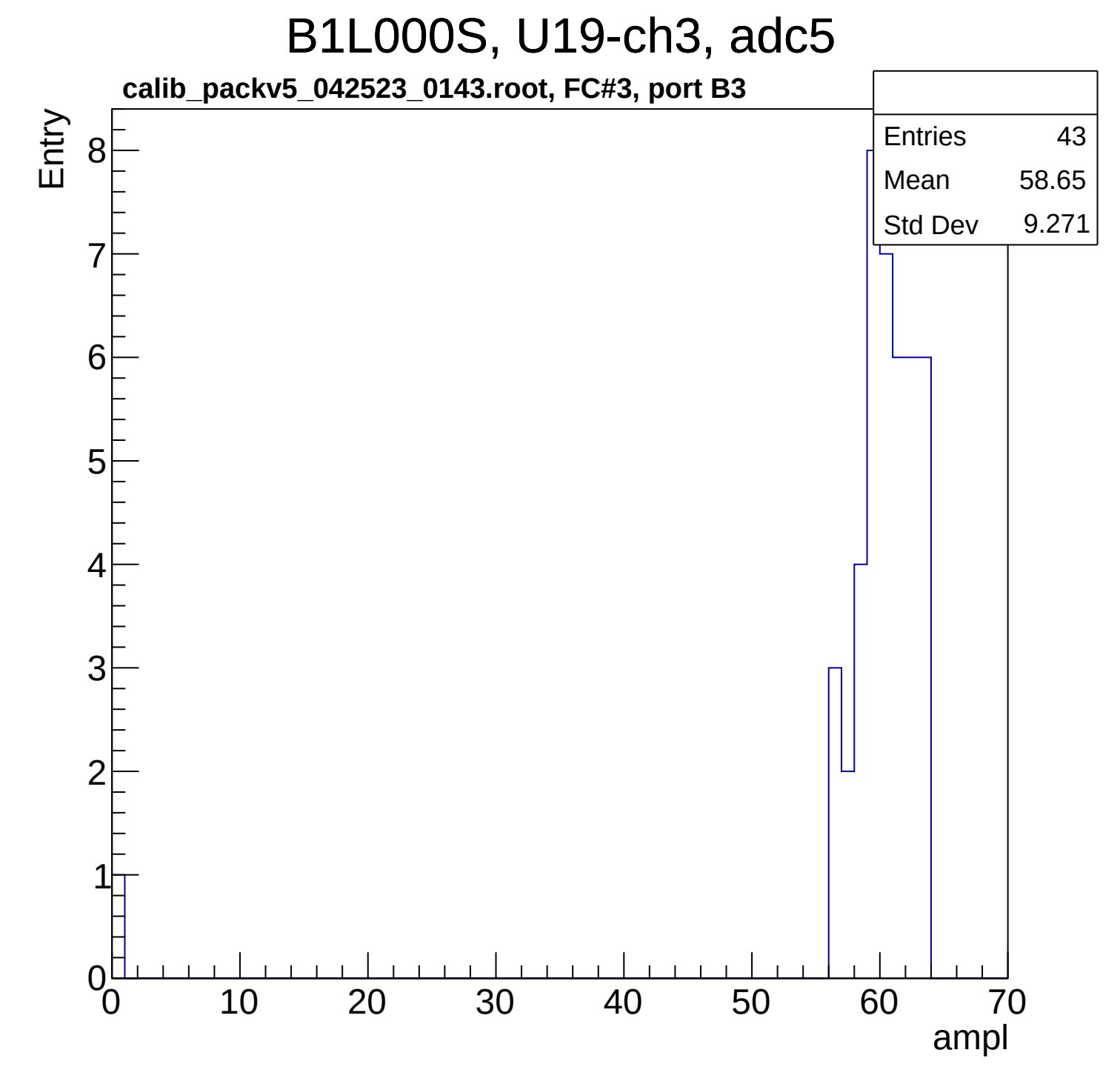
B1L000S, U19-ch3, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 58.65
Std Dev 9.271
Entry
ampl
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2
3
4
5
6
7
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0
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40
50
60
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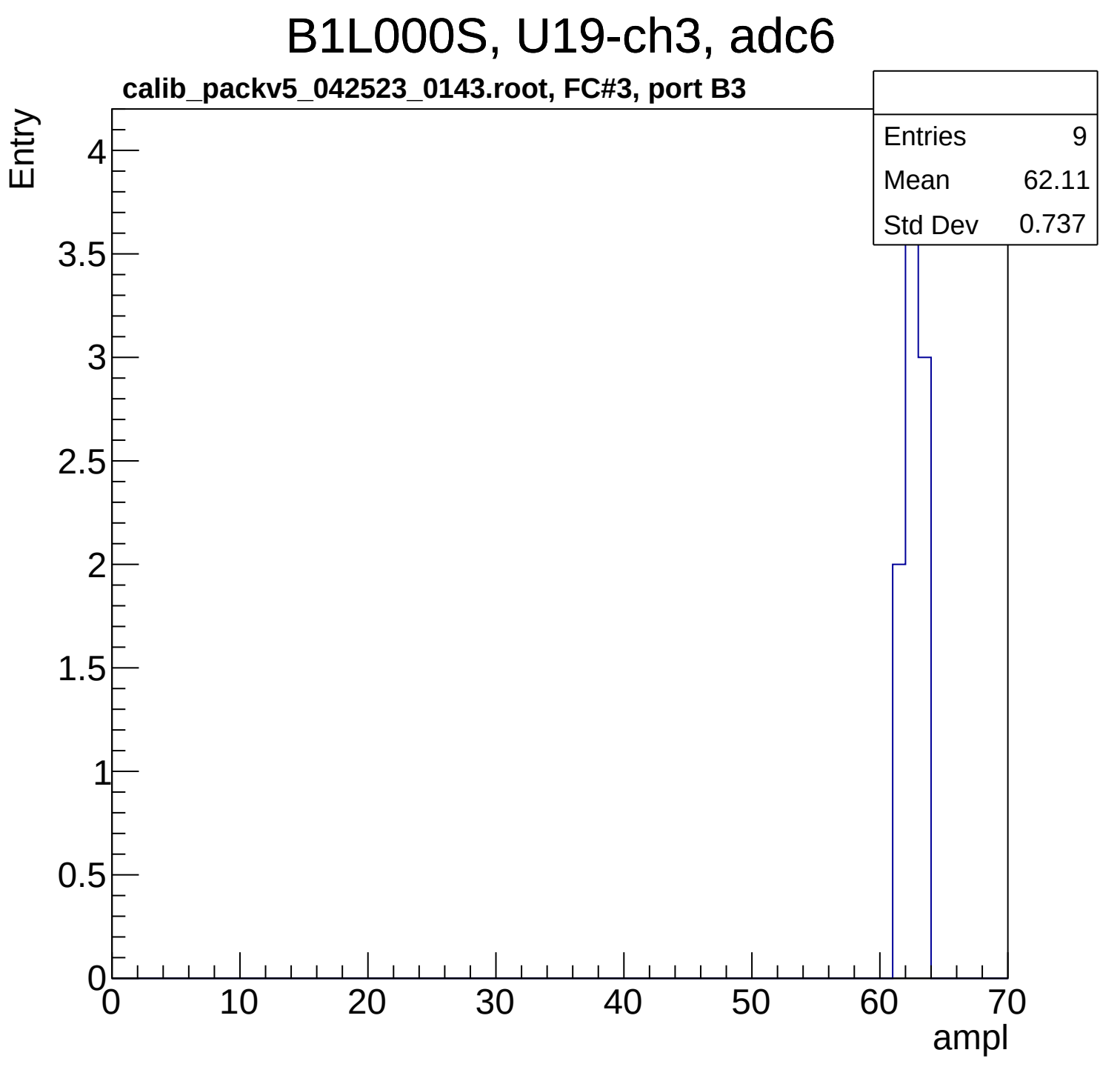
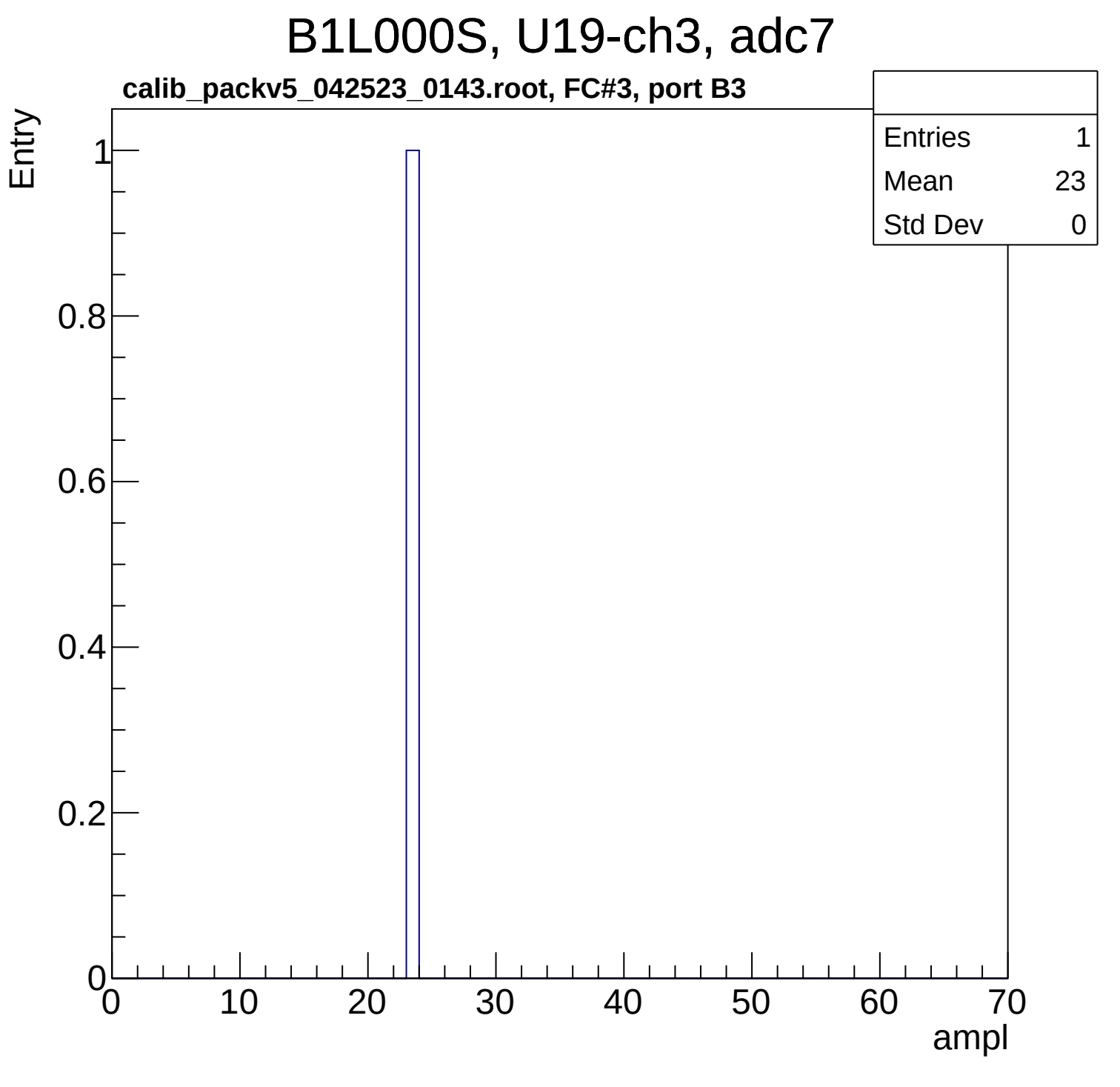

B1L000S, U19-ch3, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 62.11
Std Dev 0.737
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U19-ch3, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 23
Std Dev 0
Entry
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0.8
0.6
0.4
0.2
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10
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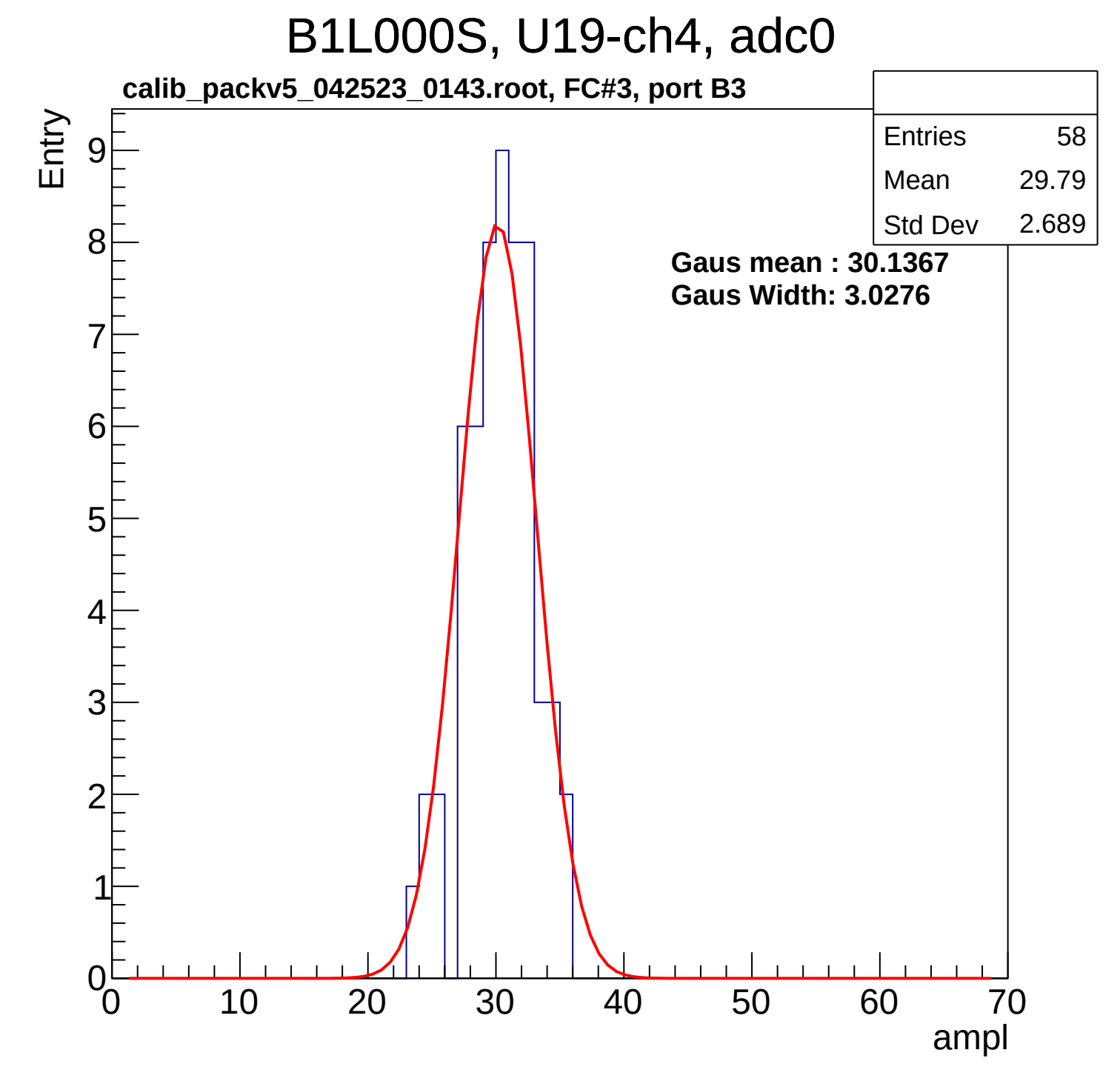
70
ampl


B1L000S, U19-ch4, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 29.79
Std Dev 2.689
Gaus mean : 30.1367
Gaus Width: 3.0276
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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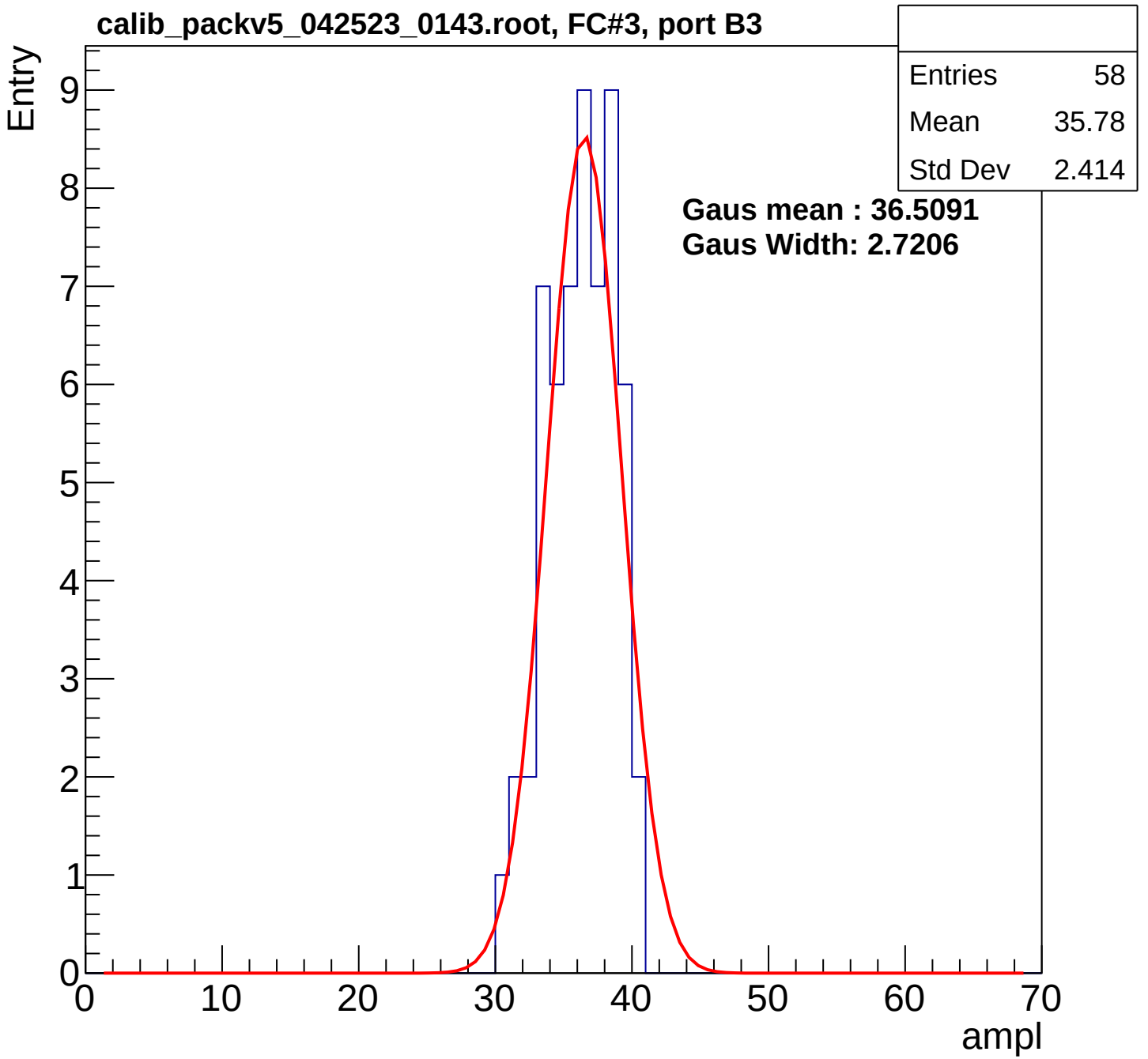
B1L000S, U19-ch4, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 35.78
Std Dev 2.414
Gaus mean : 36.5091
Gaus Width: 2.7206
Entry
ampl
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10
20
30
40
50
60
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1
2
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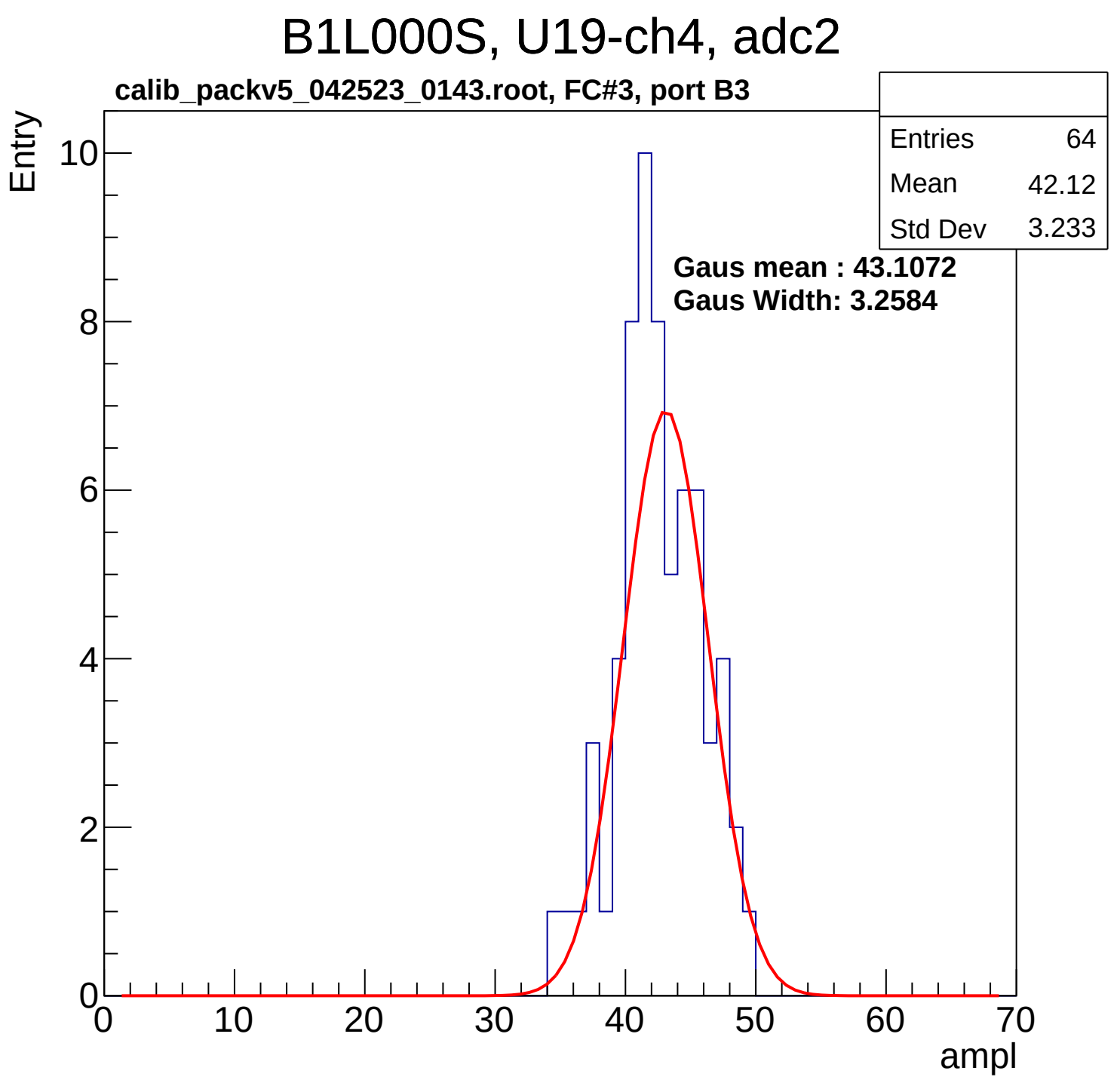
6
7
8
9


B1L000S, U19-ch4, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 42.12
Std Dev 3.233
Gaus mean : 43.1072
Gaus Width: 3.2584
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
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60
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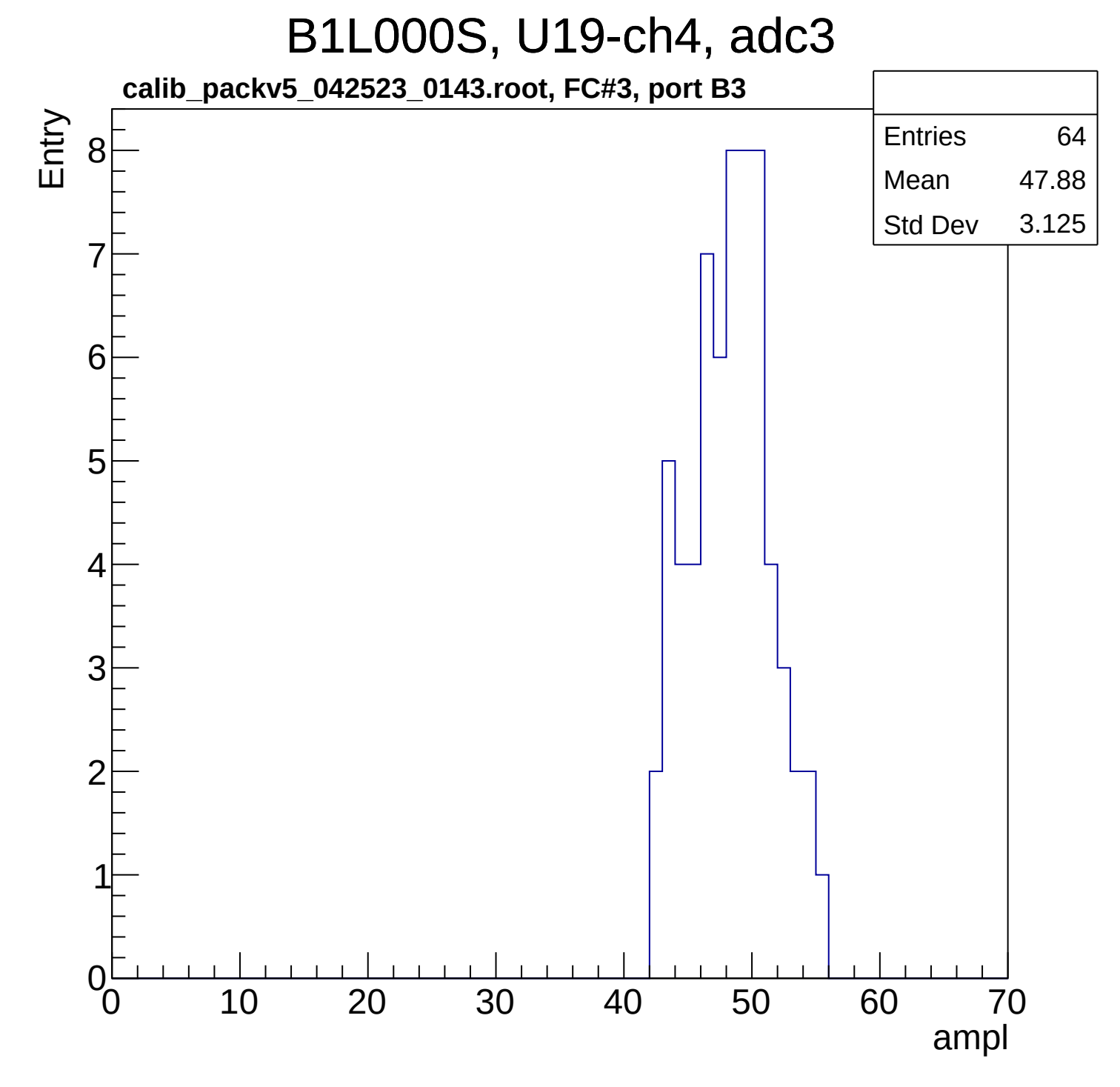
B1L000S, U19-ch4, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 47.88
Std Dev 3.125
Entry
ampl
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1
2
3
4
5
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7
8
0
10
20
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40
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60
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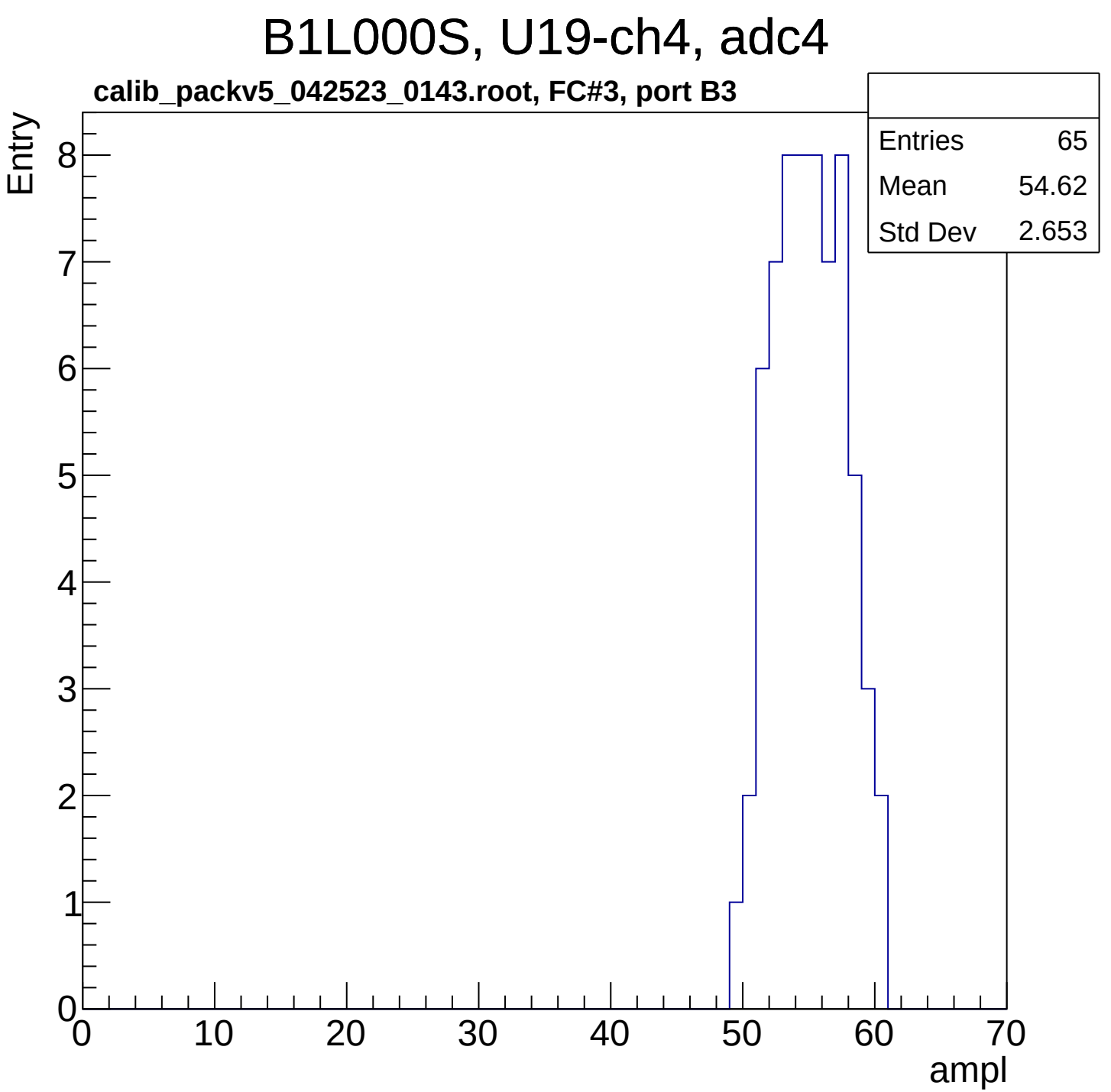
B1L000S, U19-ch4, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 54.62
Std Dev 2.653
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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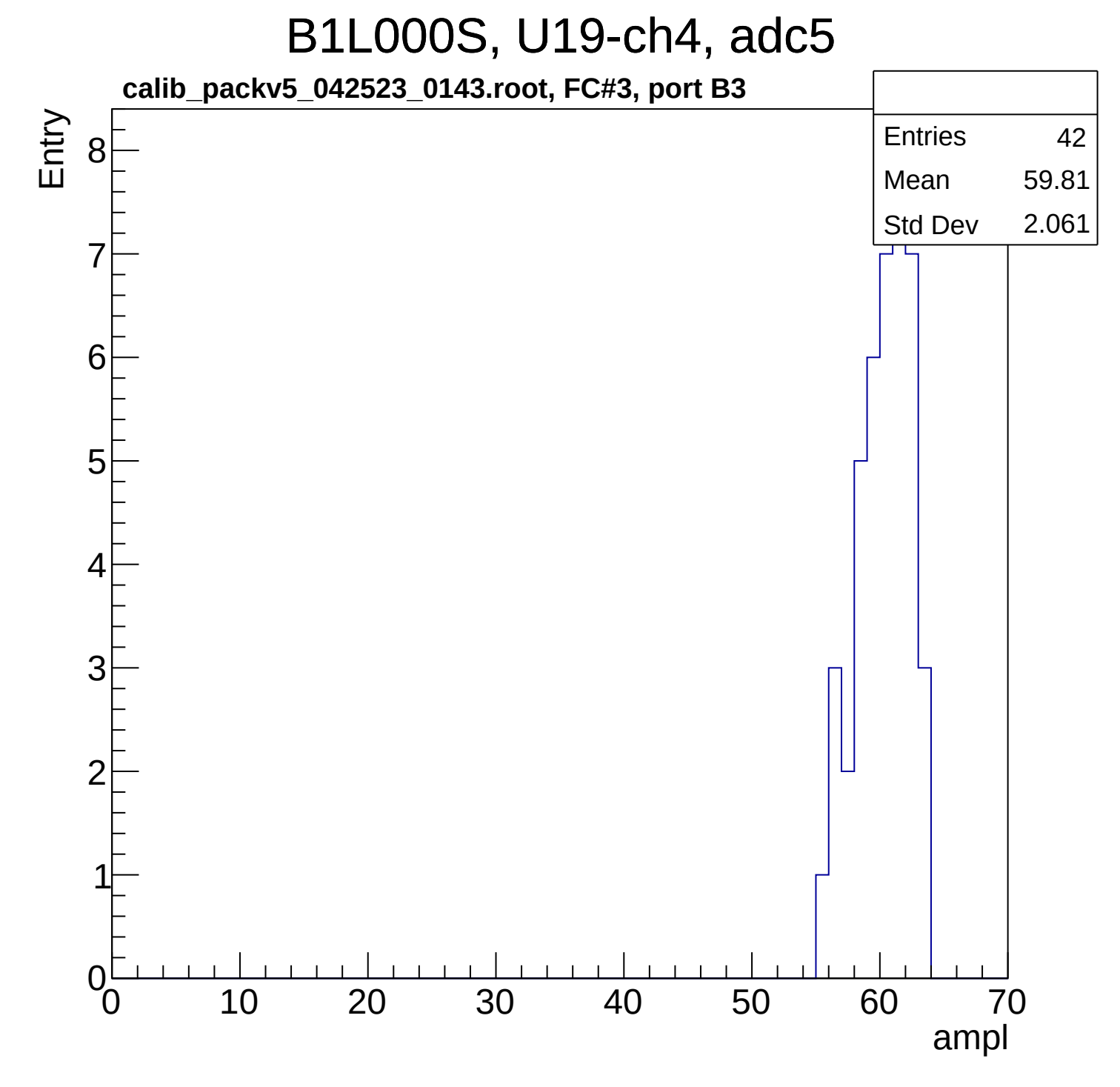
B1L000S, U19-ch4, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 59.81
Std Dev 2.061
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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60
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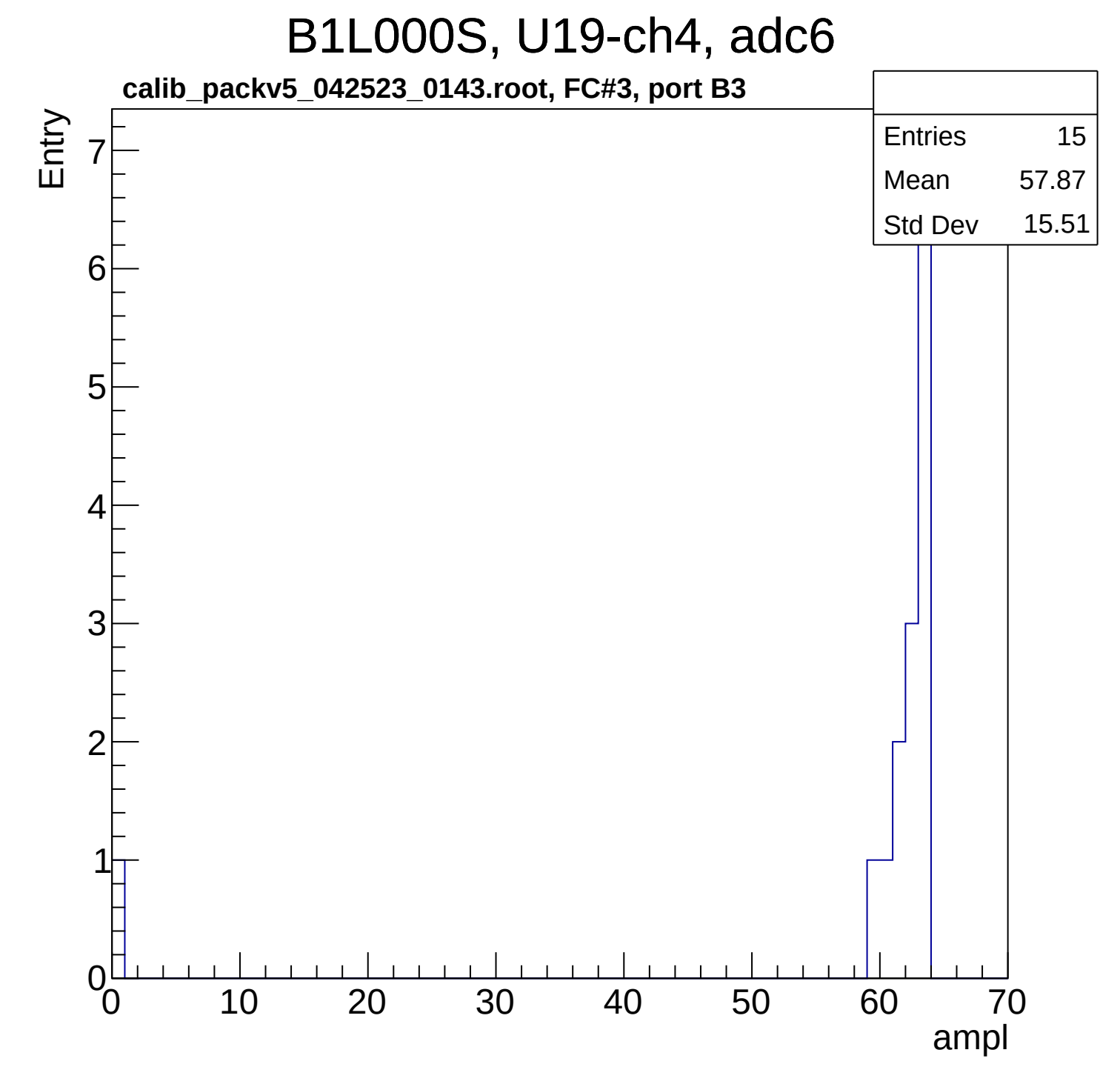
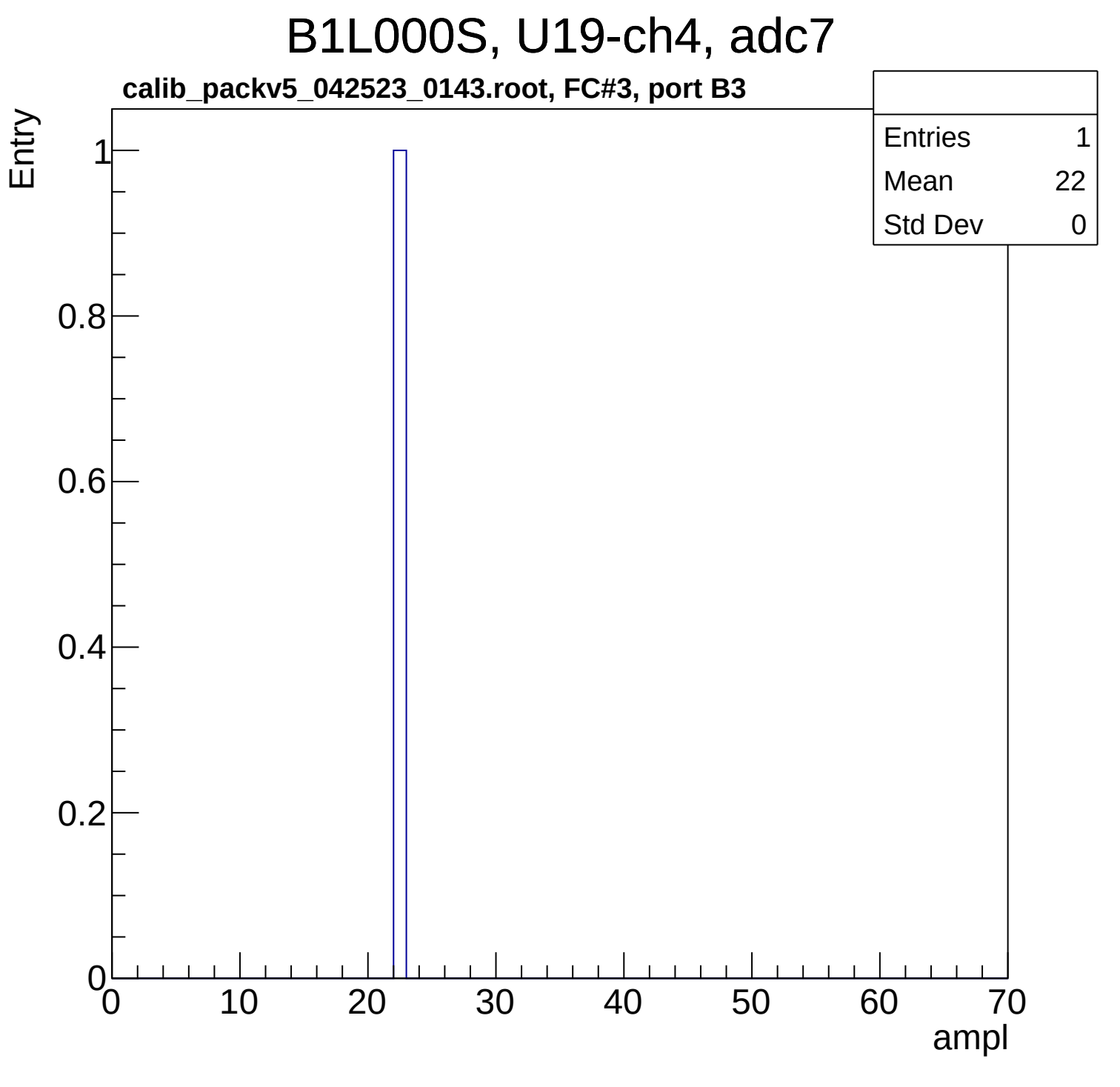
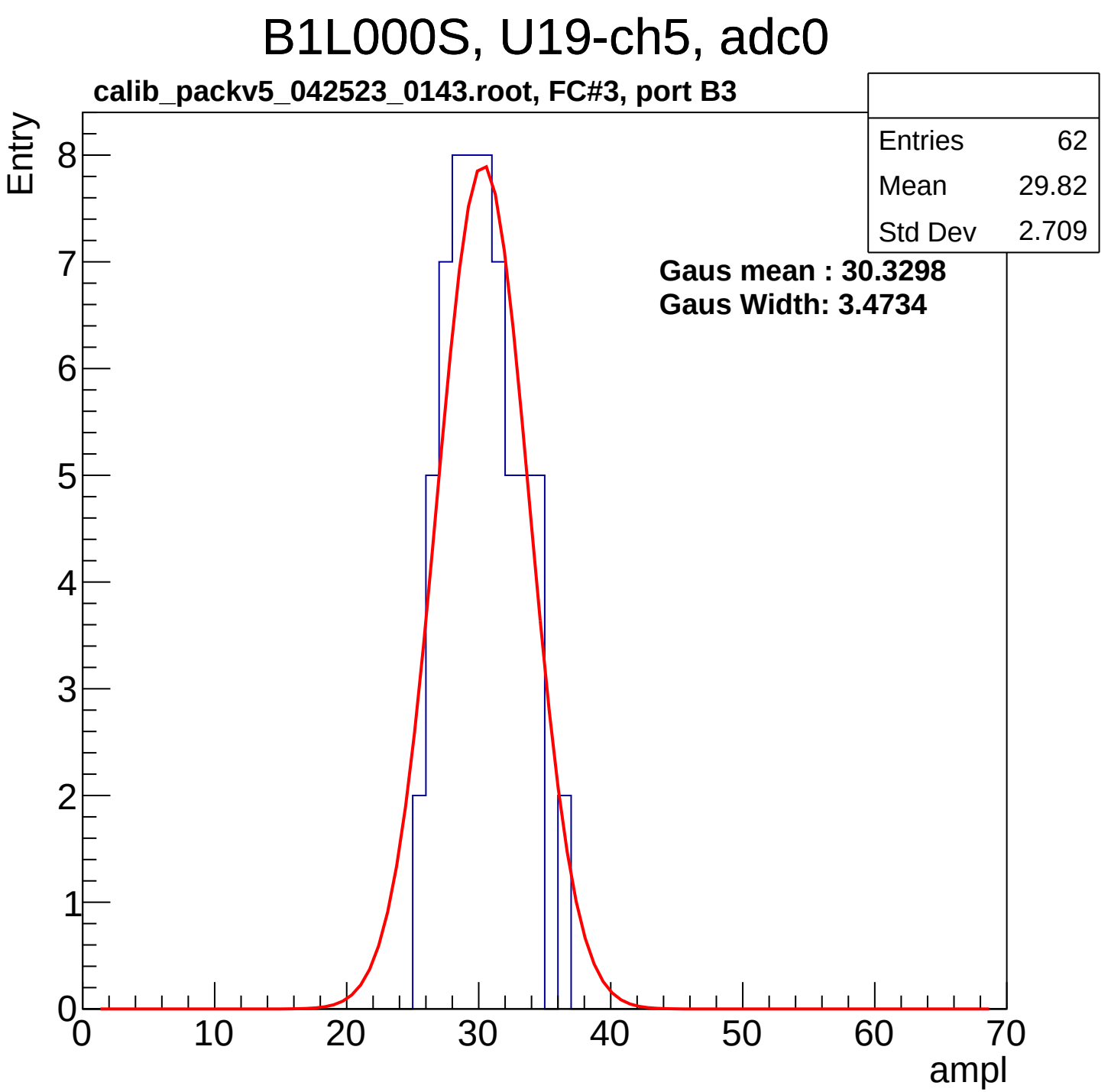
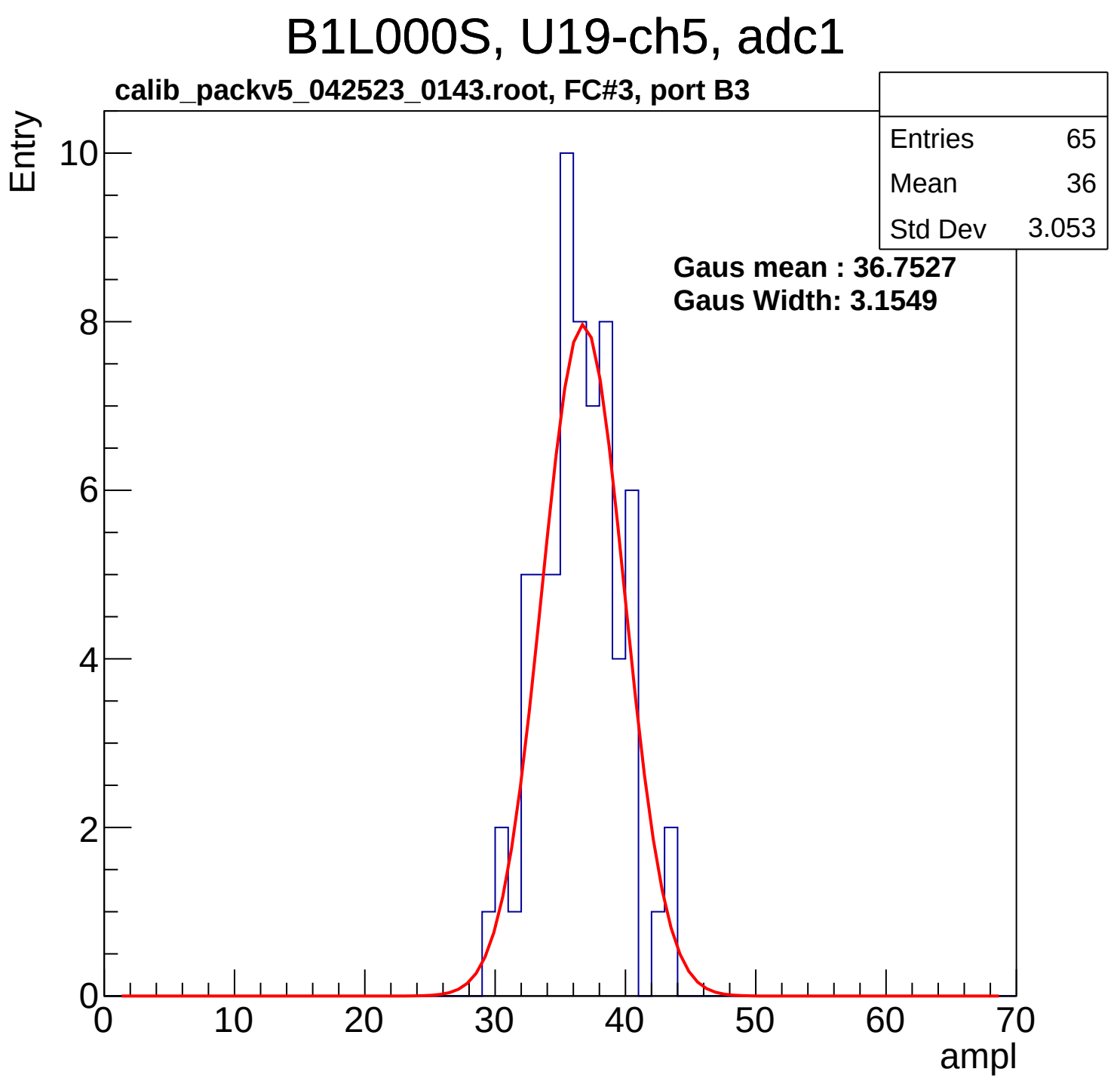
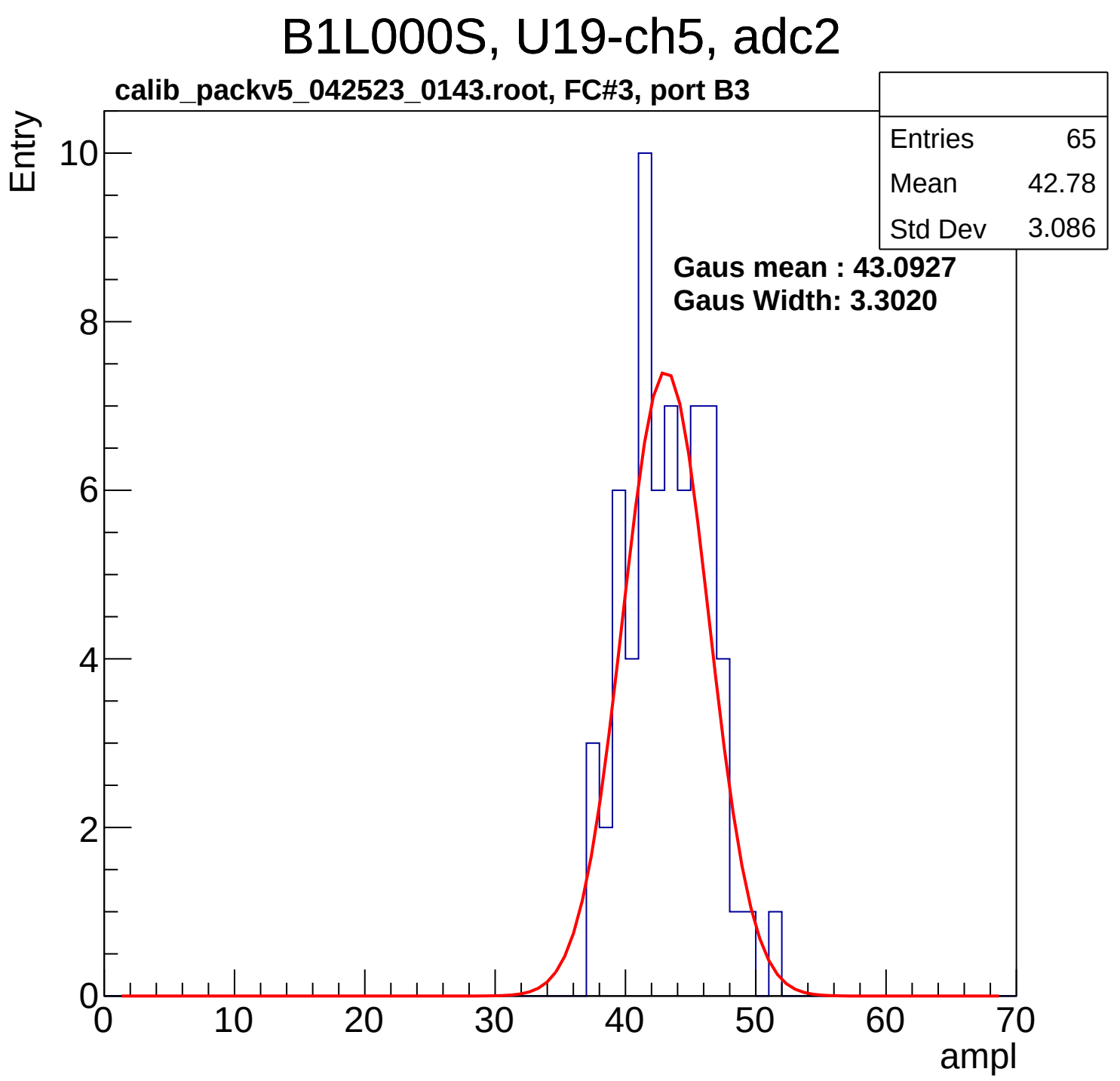

B1L000S, U19-ch4, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 57.87
Std Dev 15.51
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U19-ch4, 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, U19-ch5, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 29.82
Std Dev 2.709
Gaus mean : 30.3298
Gaus Width: 3.4734
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch5, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 36
Std Dev 3.053
Gaus mean : 36.7527
Gaus Width: 3.1549
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch5, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 42.78
Std Dev 3.086
Gaus mean : 43.0927
Gaus Width: 3.3020
Entry
ampl
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2
4
6
8
10
0
10
20
30
40
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60
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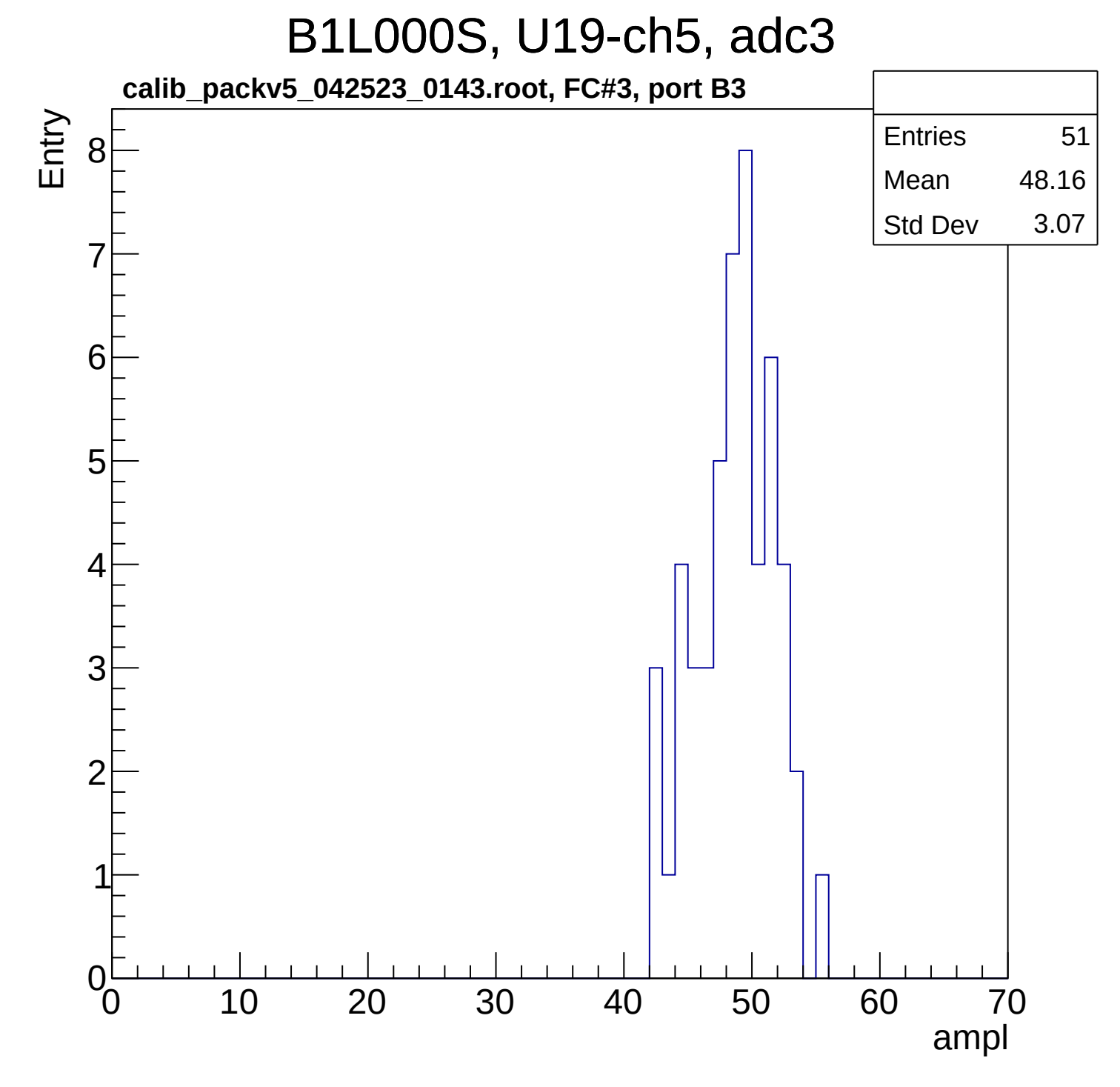
B1L000S, U19-ch5, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 48.16
Std Dev 3.07
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
50
60
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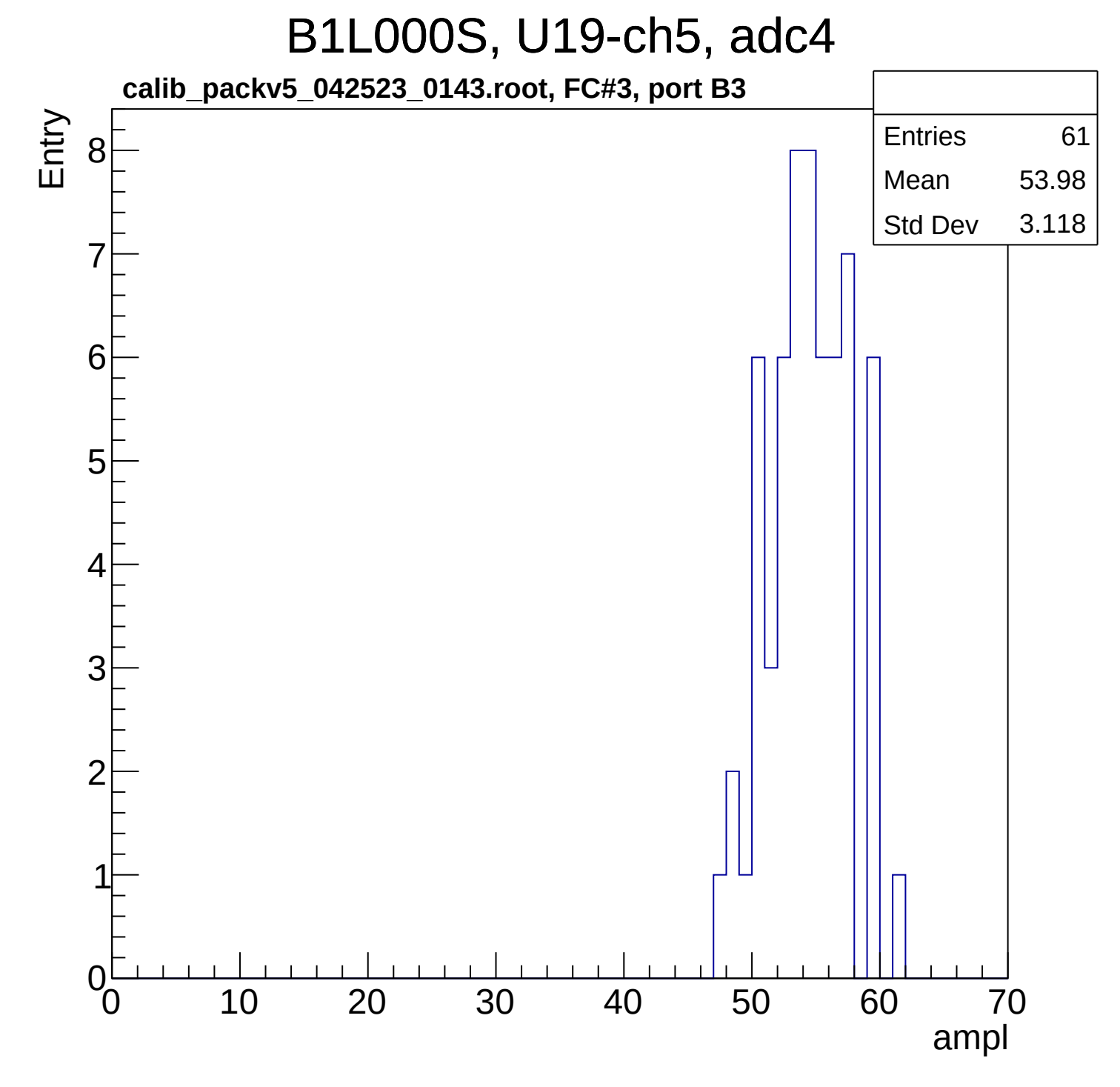
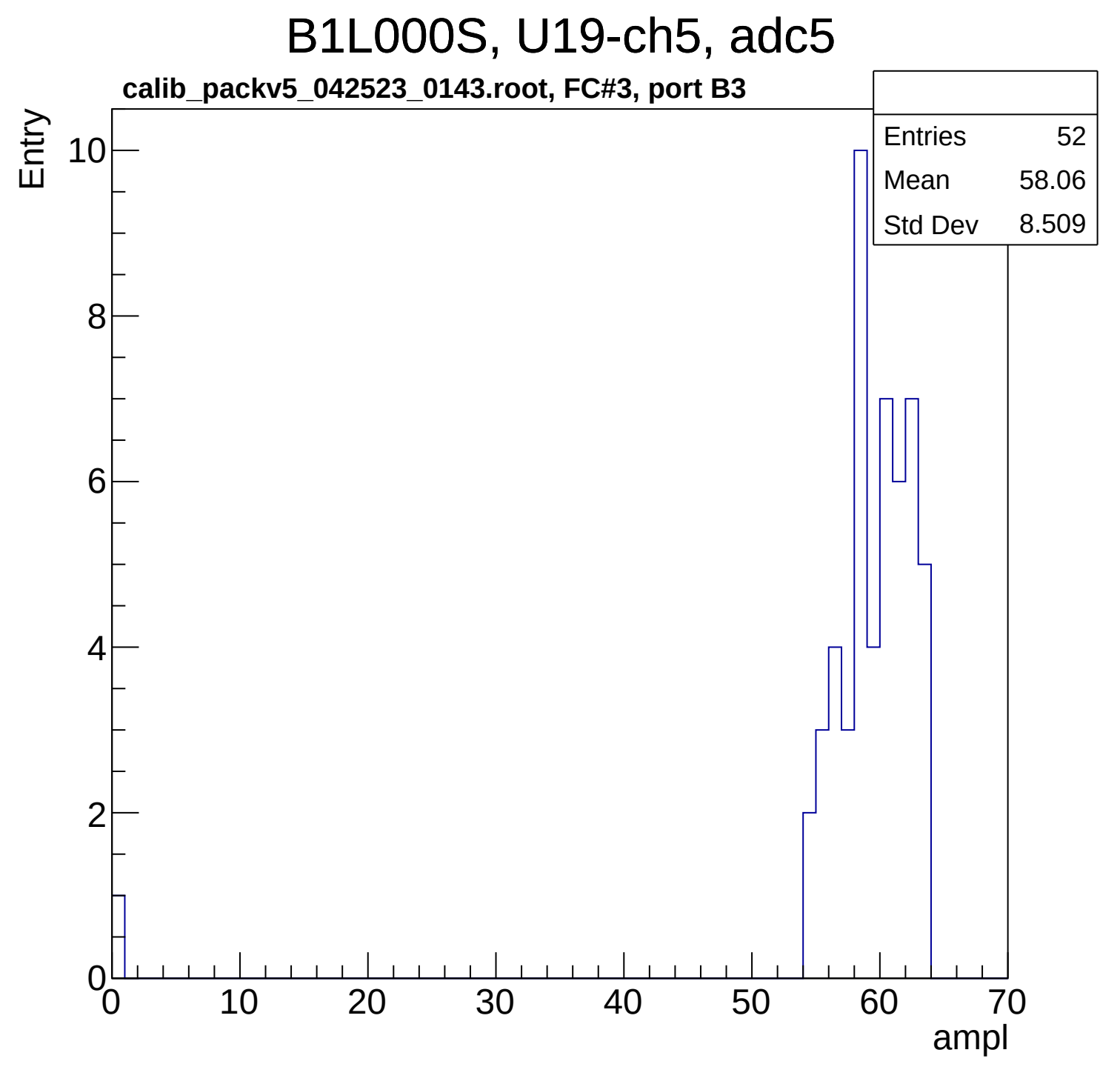
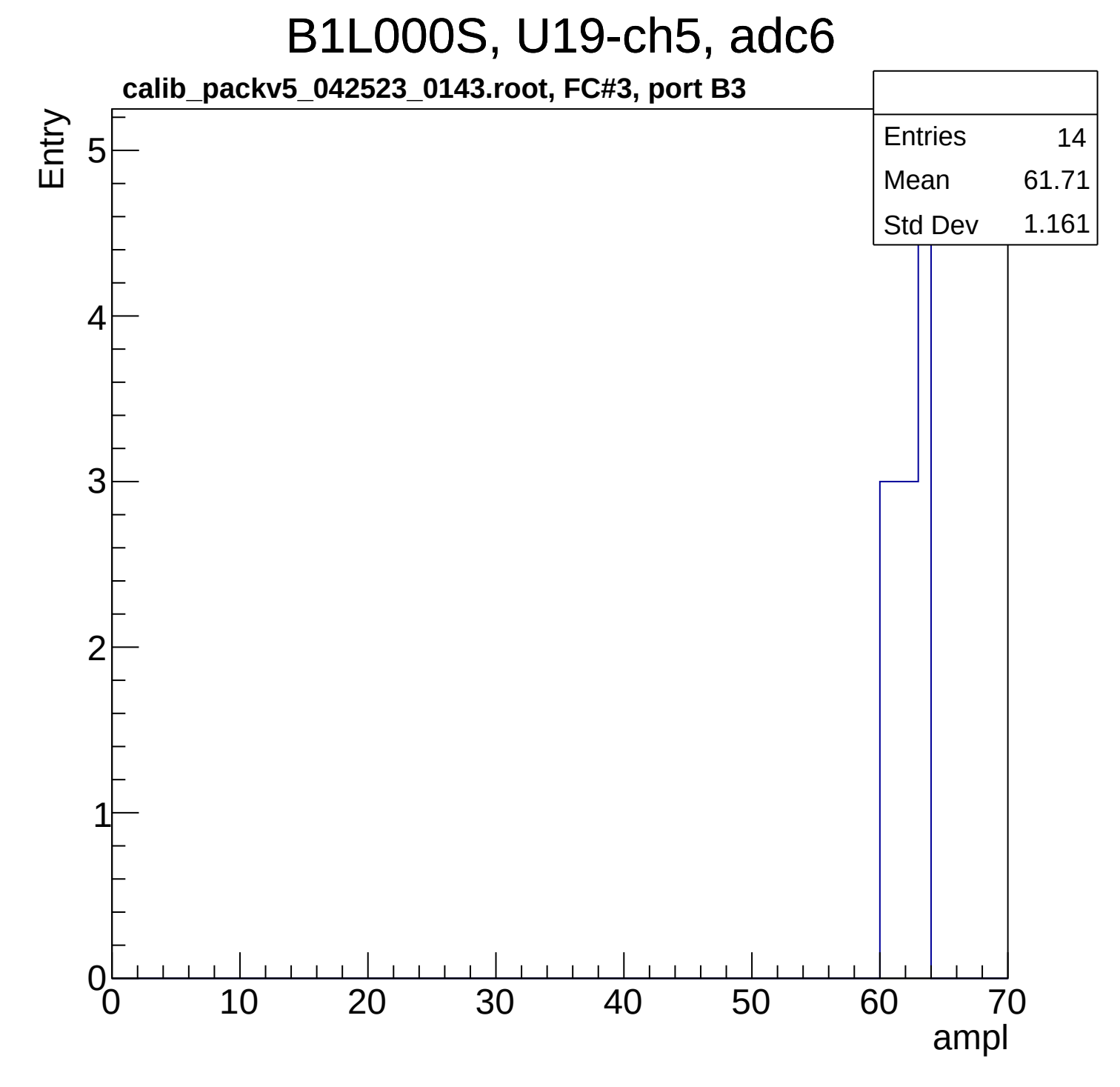
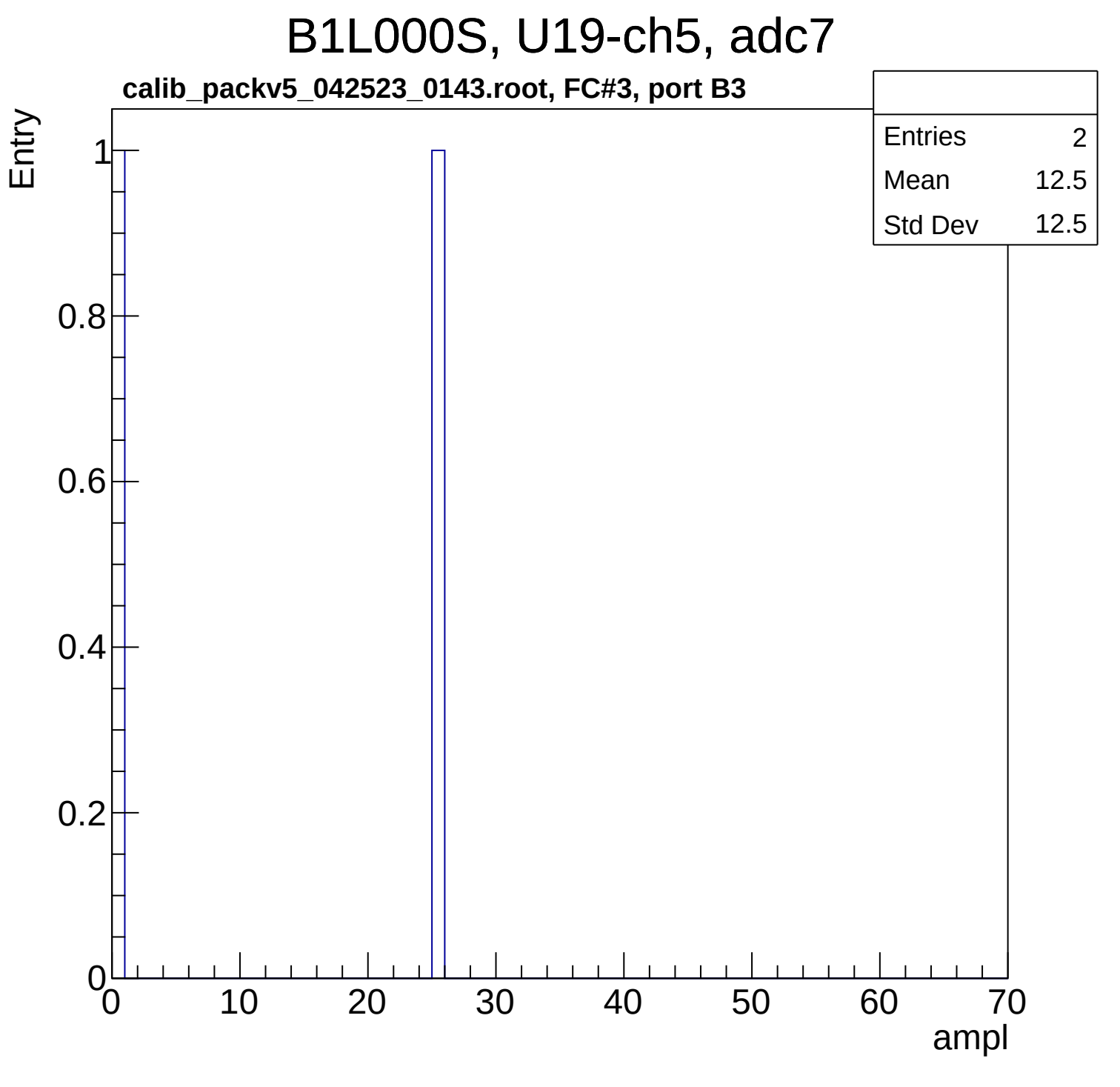
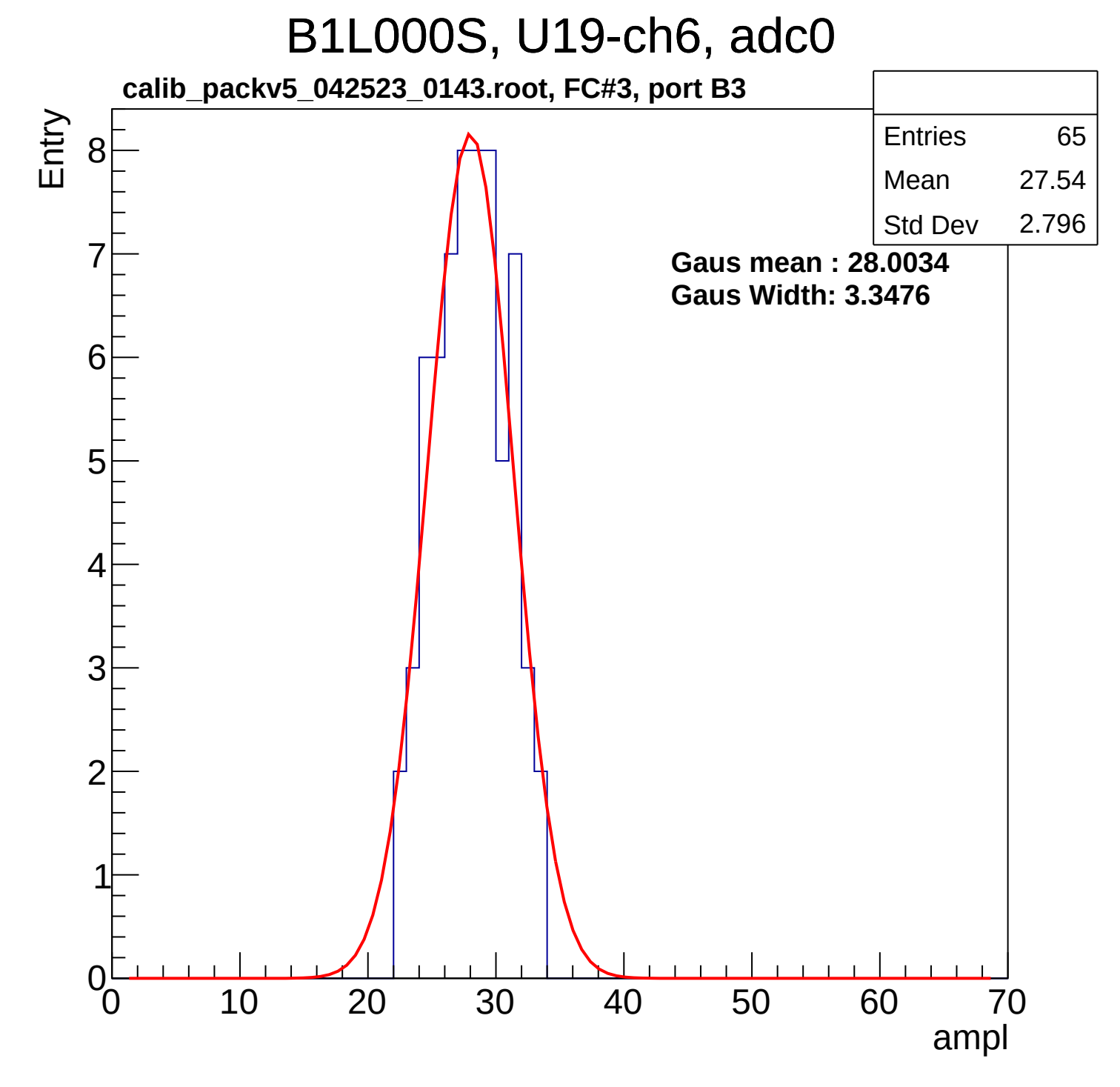

B1L000S, U19-ch5, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 53.98
Std Dev 3.118
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch5, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 58.06
Std Dev 8.509
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch5, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 61.71
Std Dev 1.161
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L000S, U19-ch5, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 12.5
Std Dev 12.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch6, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 27.54
Std Dev 2.796
Gaus mean : 28.0034
Gaus Width: 3.3476
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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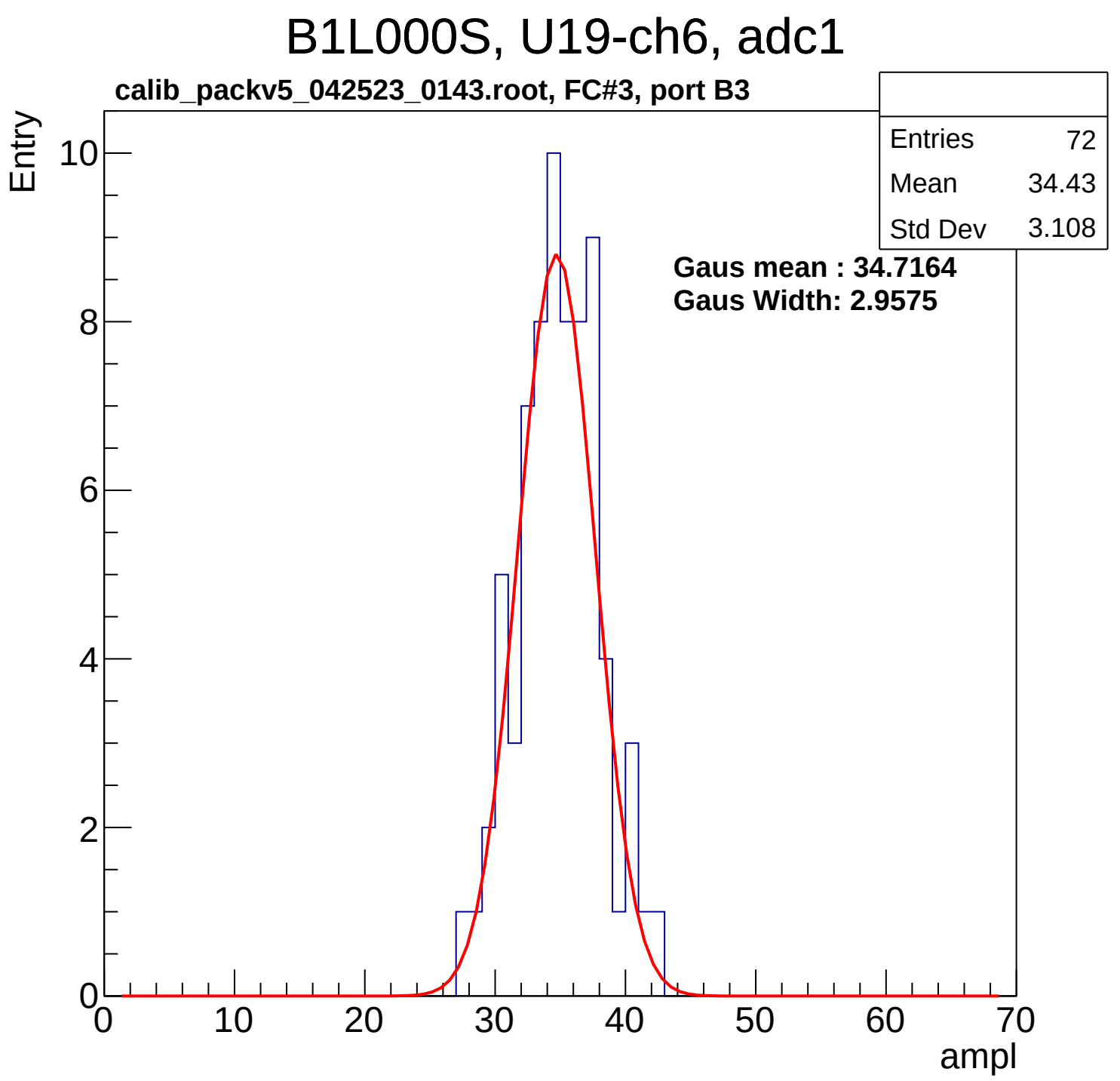
B1L000S, U19-ch6, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 34.43
Std Dev 3.108
Gaus mean : 34.7164
Gaus Width: 2.9575
Entry
ampl
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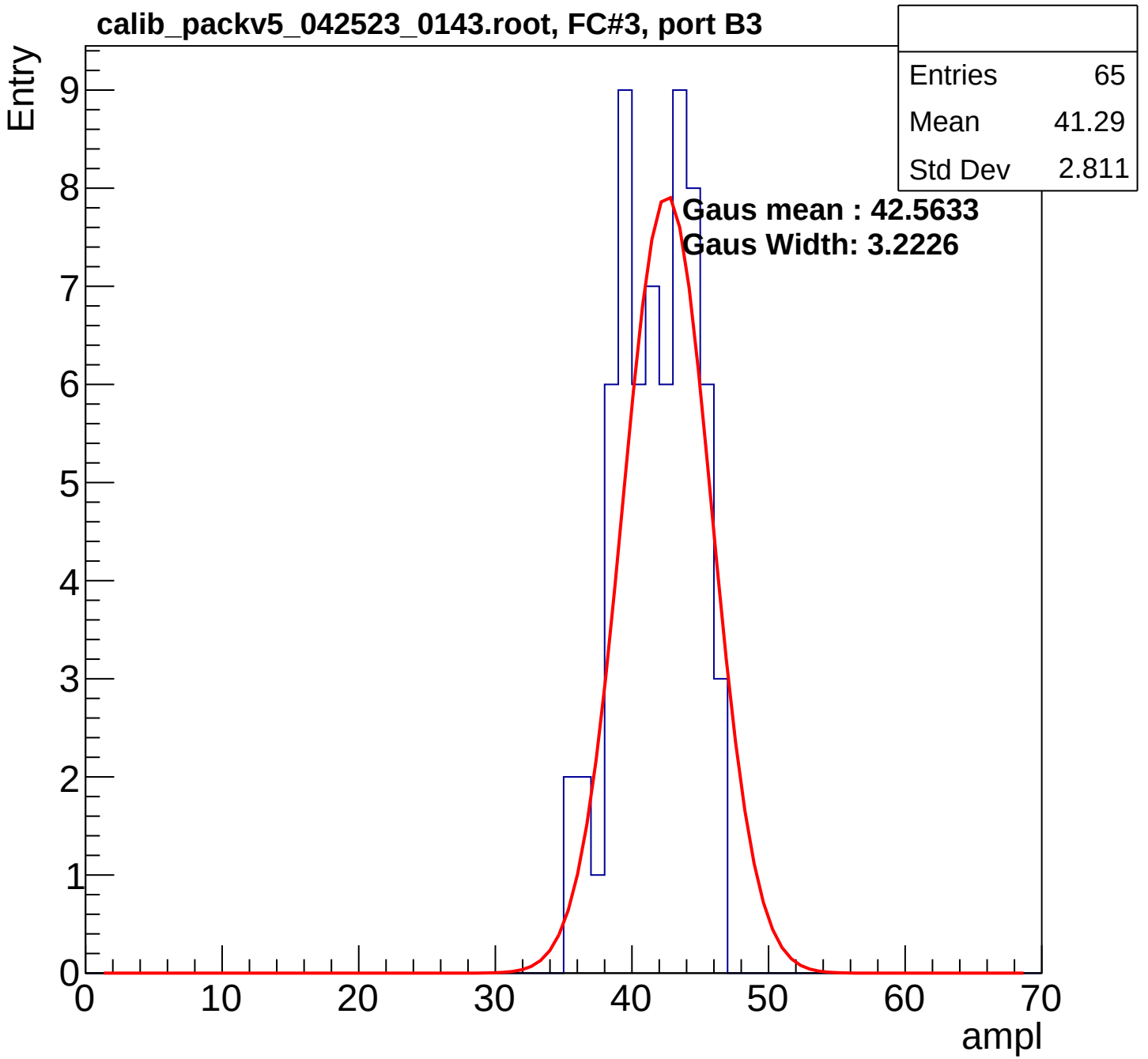
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch6, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 41.29
Std Dev 2.811
Gaus mean : 42.5633
Gaus Width: 3.2226
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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40
50
60
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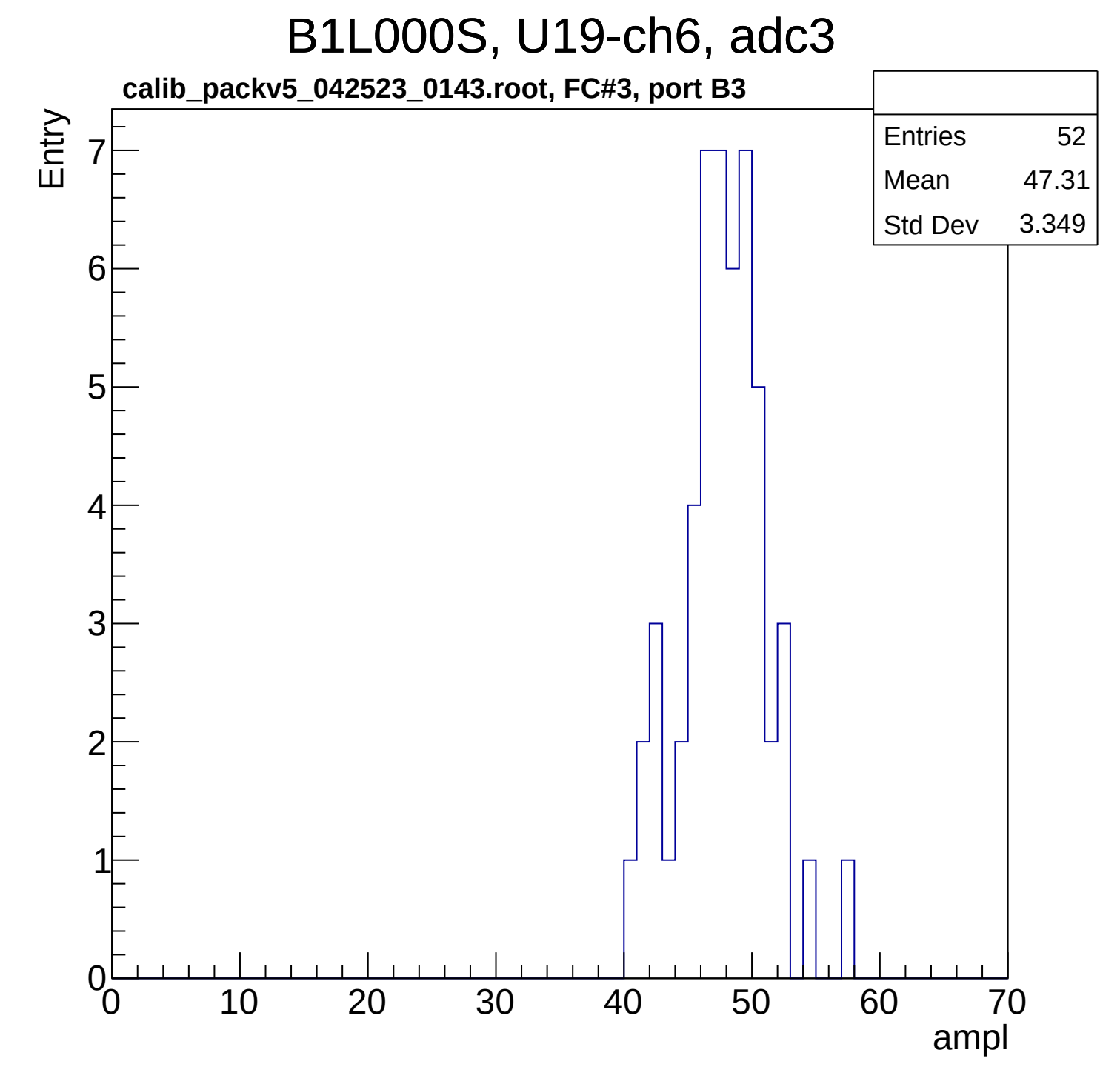
B1L000S, U19-ch6, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 47.31
Std Dev 3.349
Entry
ampl
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40
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60
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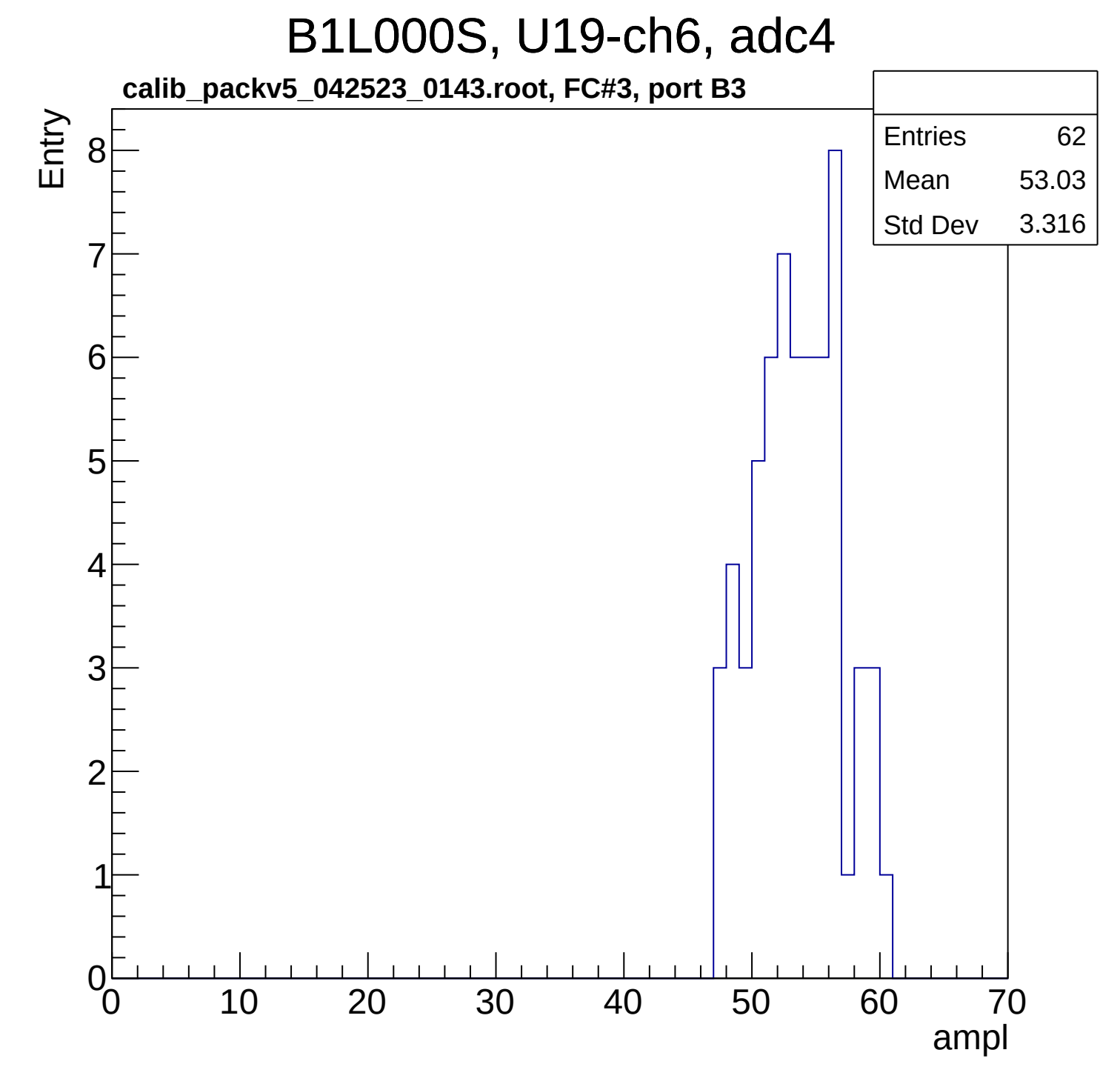
B1L000S, U19-ch6, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 53.03
Std Dev 3.316
Entry
ampl
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3
4
5
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7
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0
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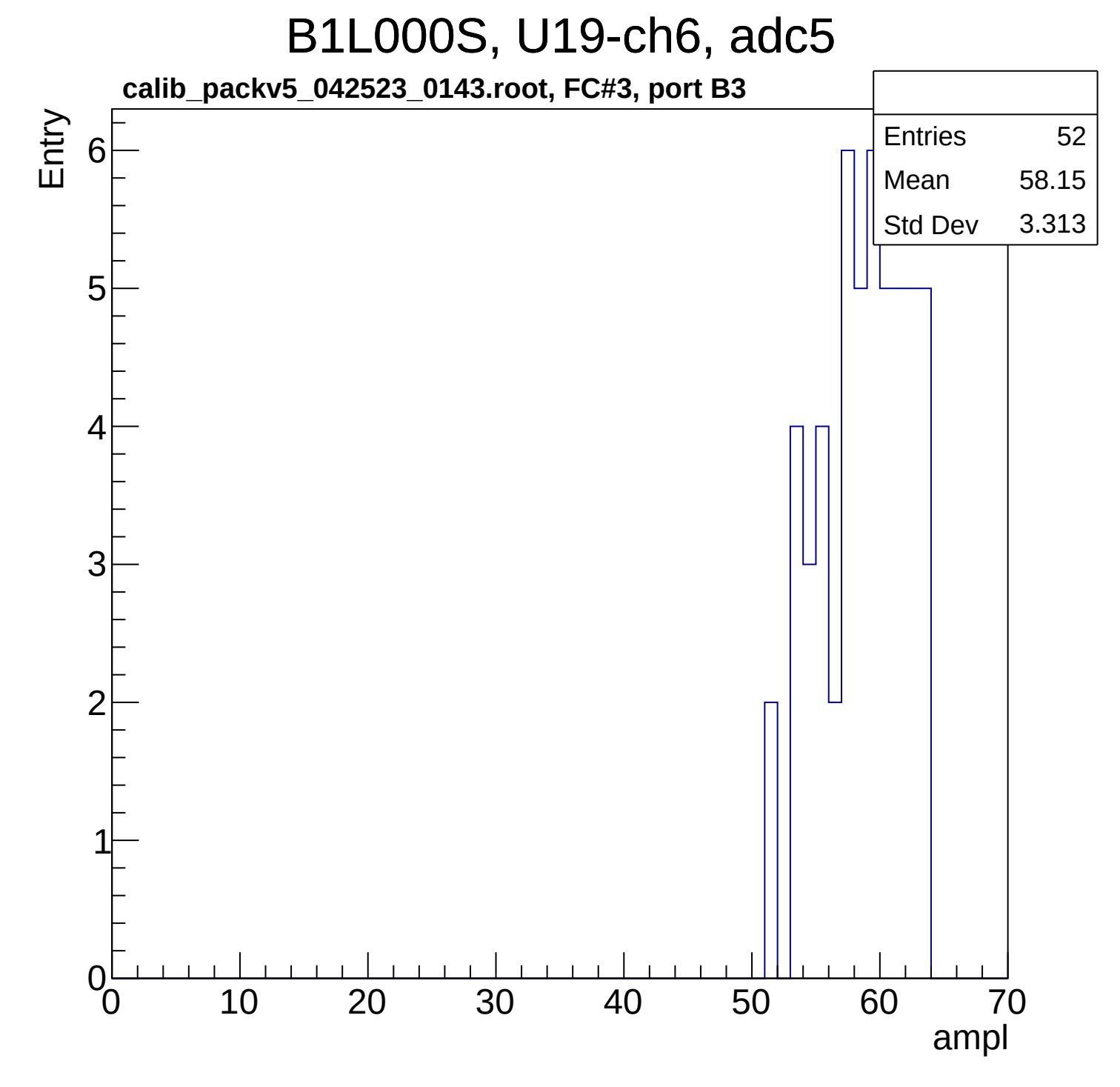
B1L000S, U19-ch6, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 58.15
Std Dev 3.313
Entry
ampl
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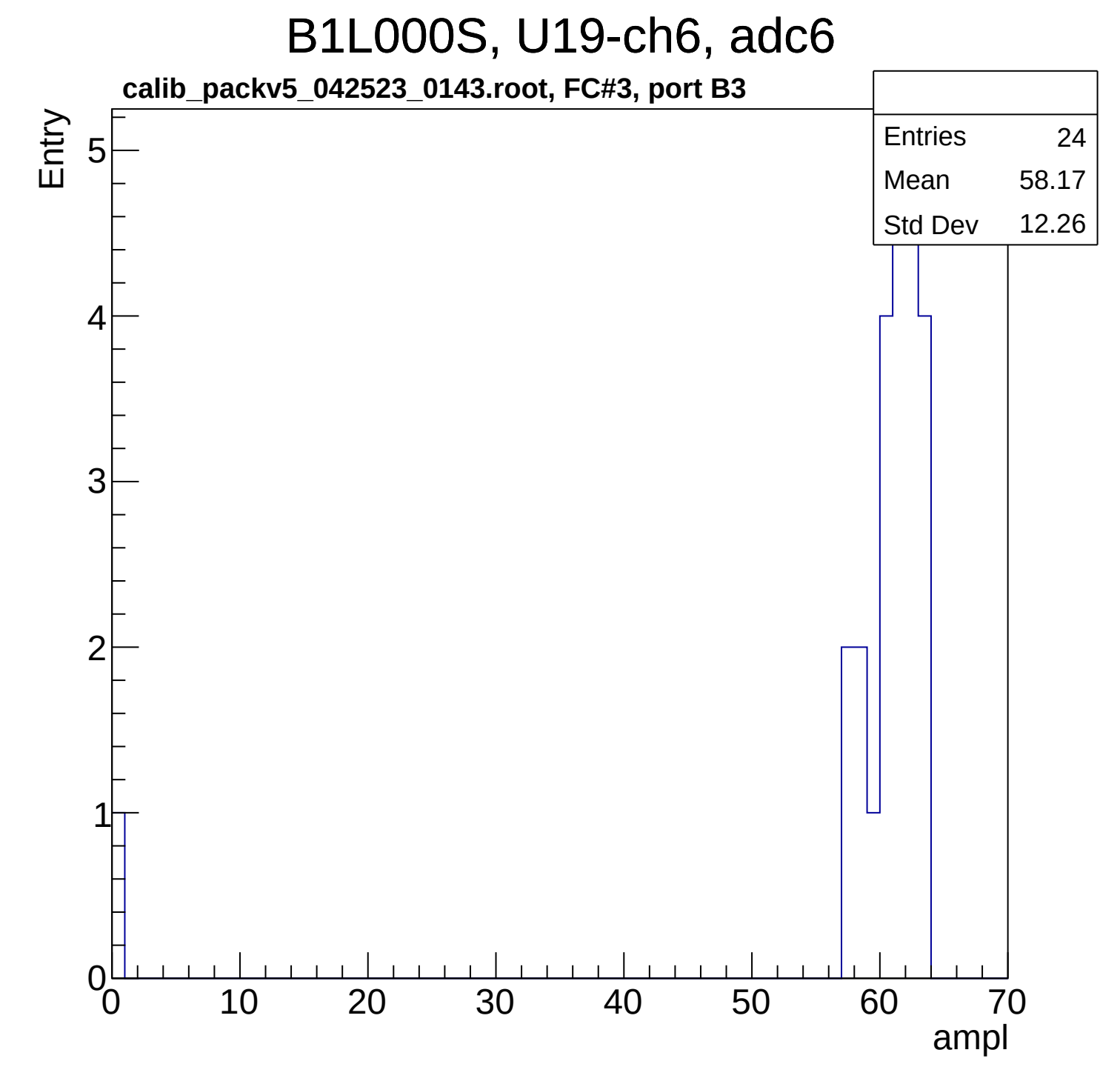
60
70


B1L000S, U19-ch6, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 24
Mean 58.17
Std Dev 12.26
Entry
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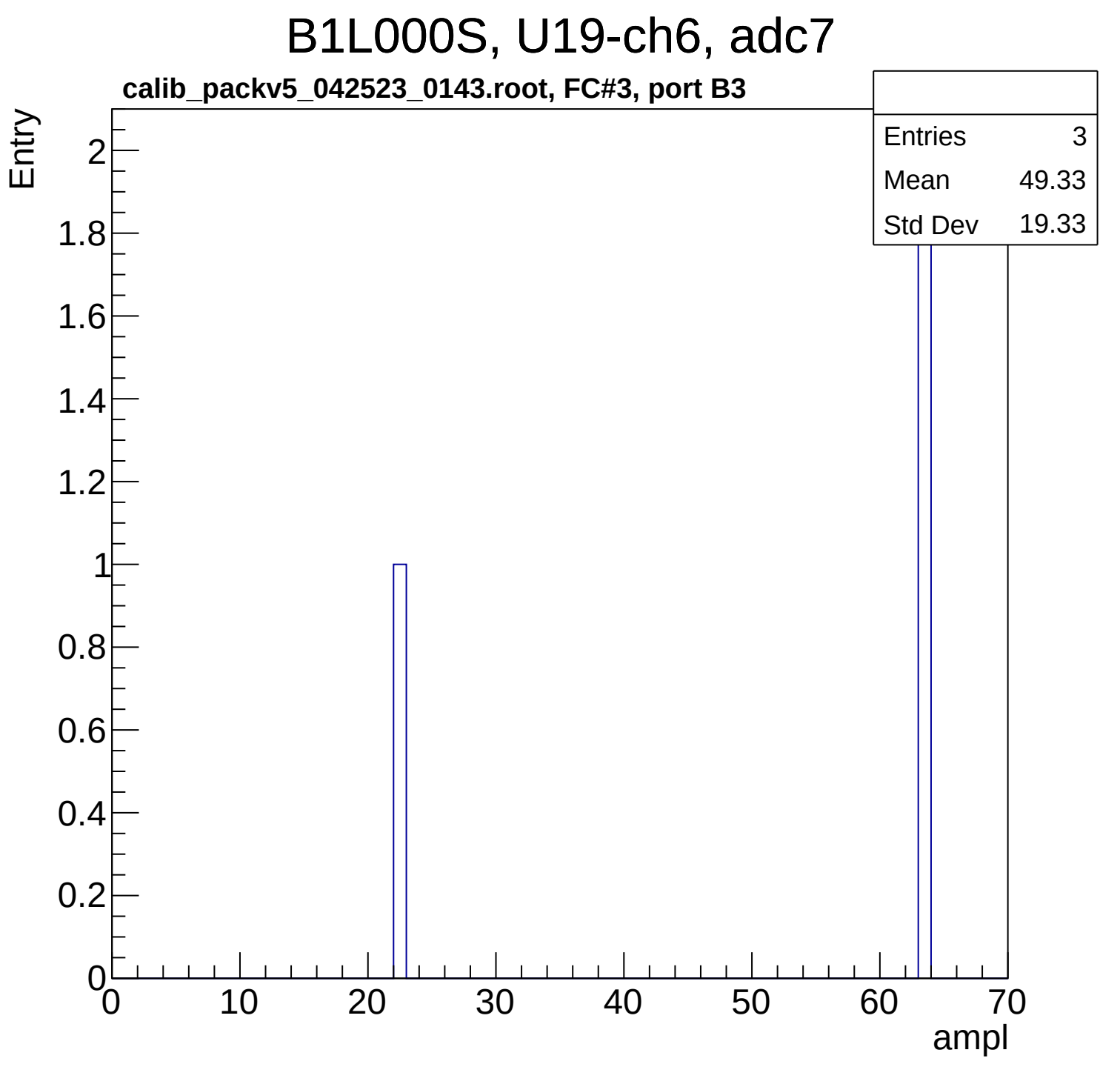
50
60
70
ampl


B1L000S, U19-ch6, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 49.33
Std Dev 19.33
Entry
ampl
0
0.2
0.4
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1.2
1.4
1.6
1.8
2
0
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60
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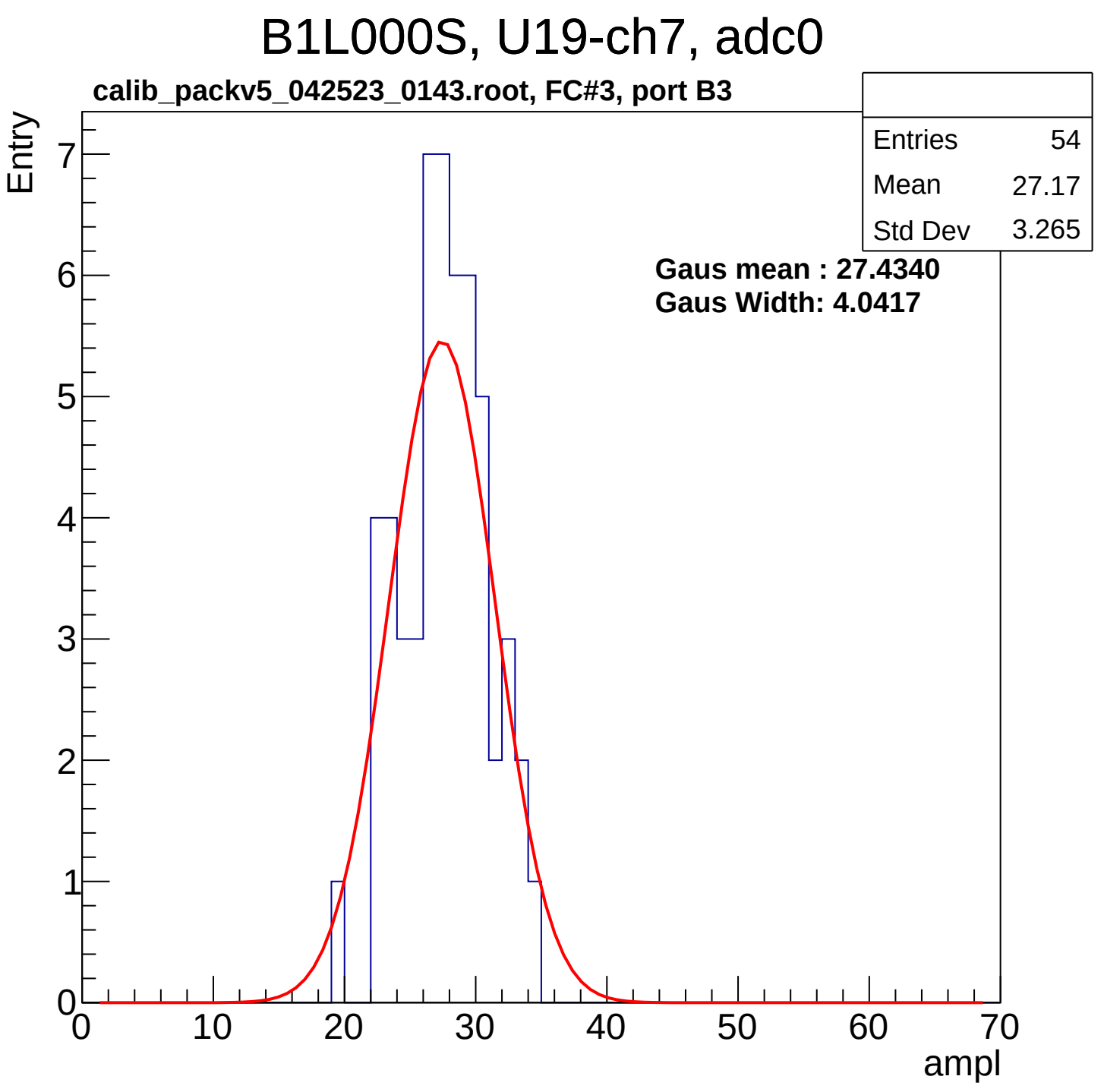
B1L000S, U19-ch7, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 27.17
Std Dev 3.265
Gaus mean : 27.4340
Gaus Width: 4.0417
Entry
ampl
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1
2
3
4
5
6
7
0
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60
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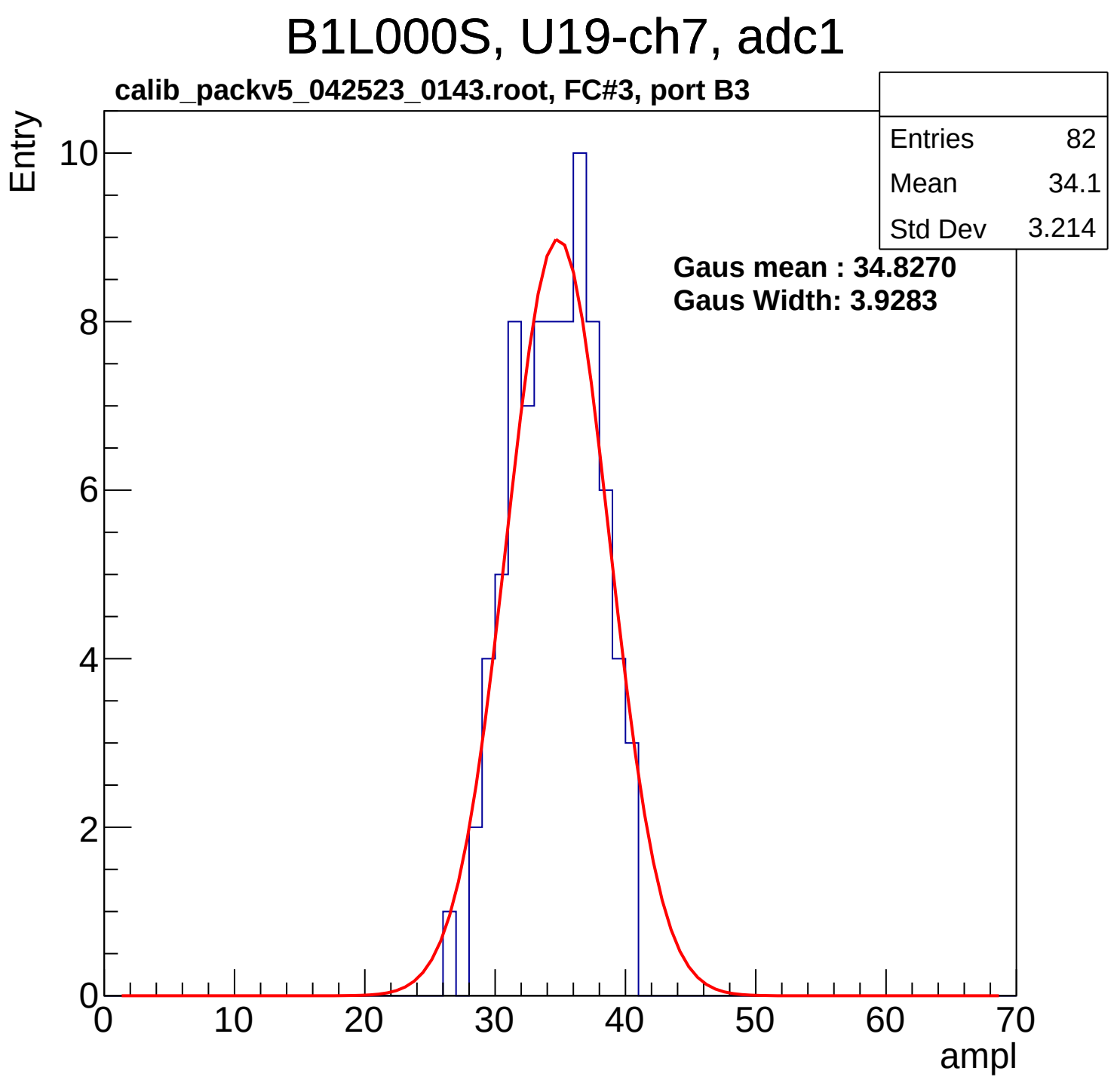
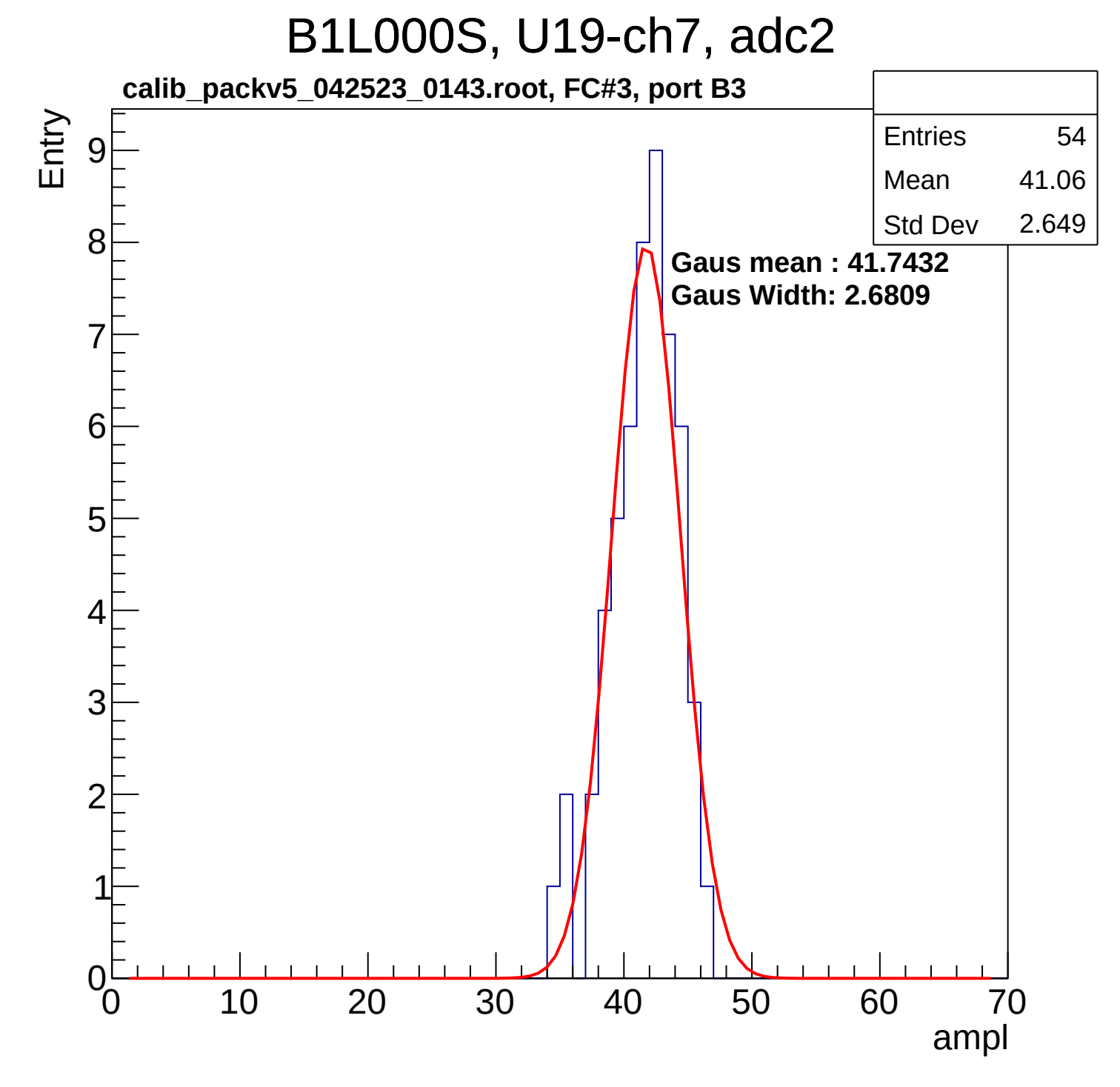

B1L000S, U19-ch7, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 82
Mean 34.1
Std Dev 3.214
Gaus mean : 34.8270
Gaus Width: 3.9283
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch7, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 41.06
Std Dev 2.649
Gaus mean : 41.7432
Gaus Width: 2.6809
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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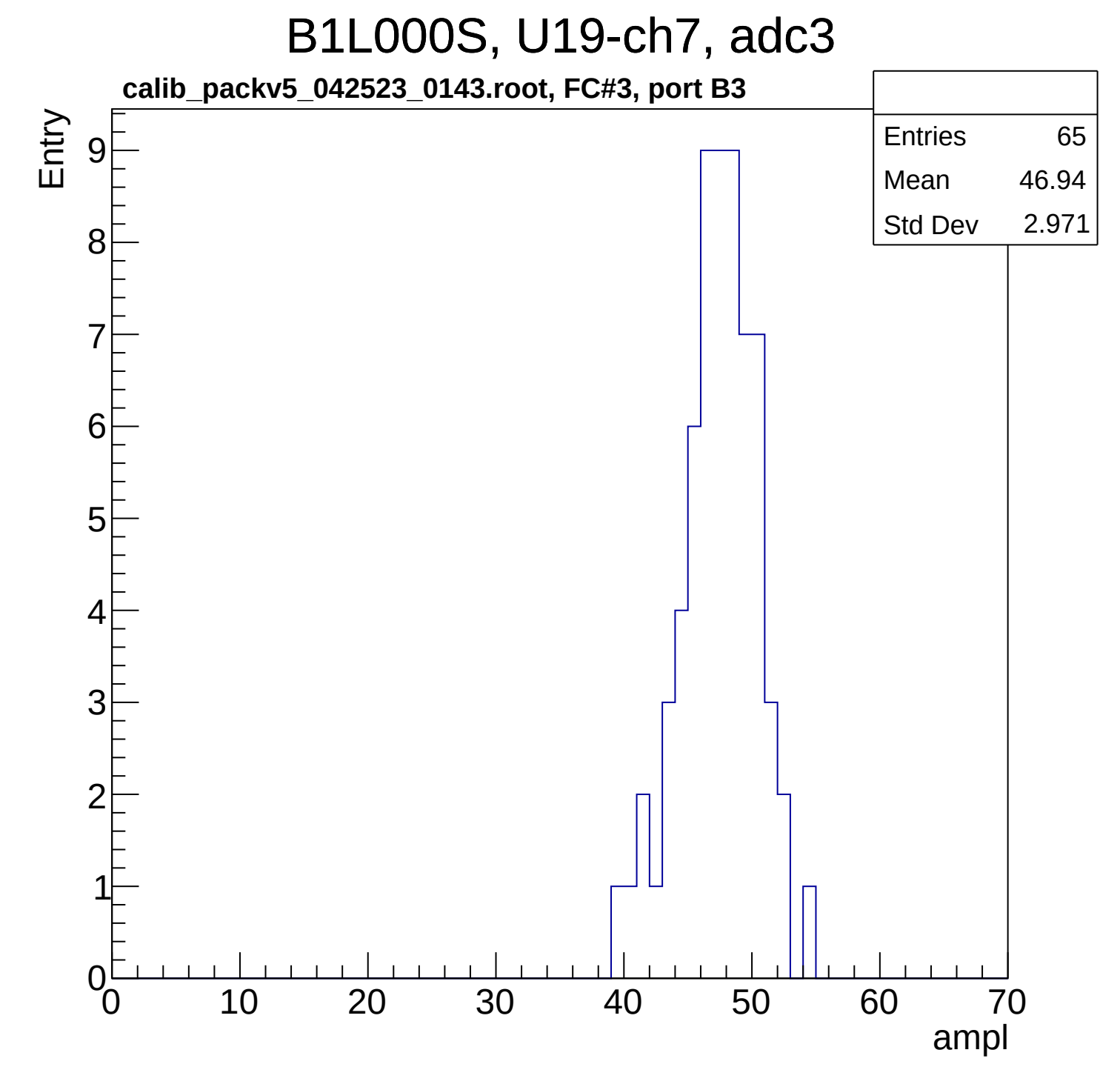
B1L000S, U19-ch7, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 46.94
Std Dev 2.971
Entry
ampl
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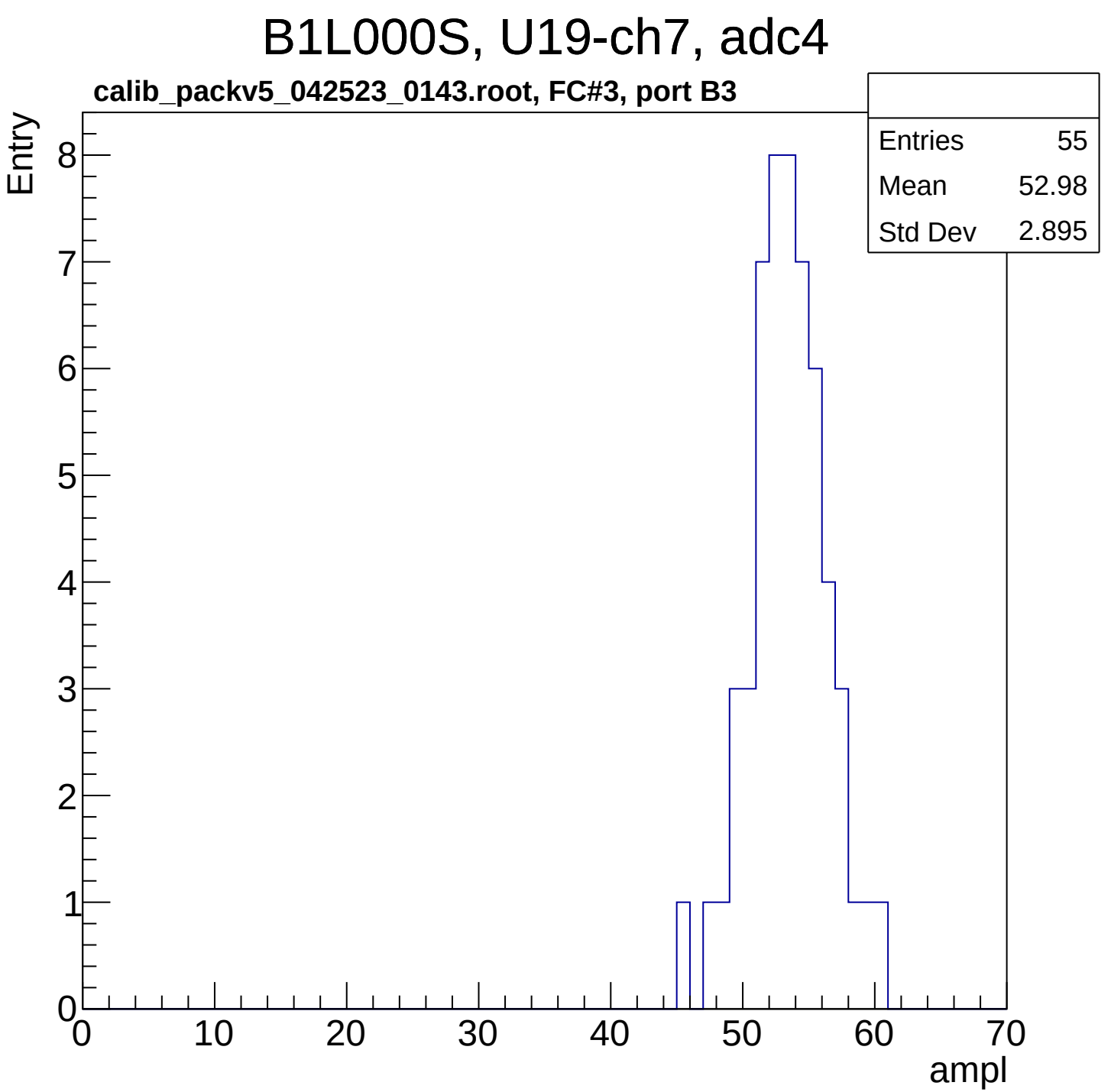
B1L000S, U19-ch7, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 52.98
Std Dev 2.895
Entry
ampl
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2
3
4
5
6
7
8
0
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20
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40
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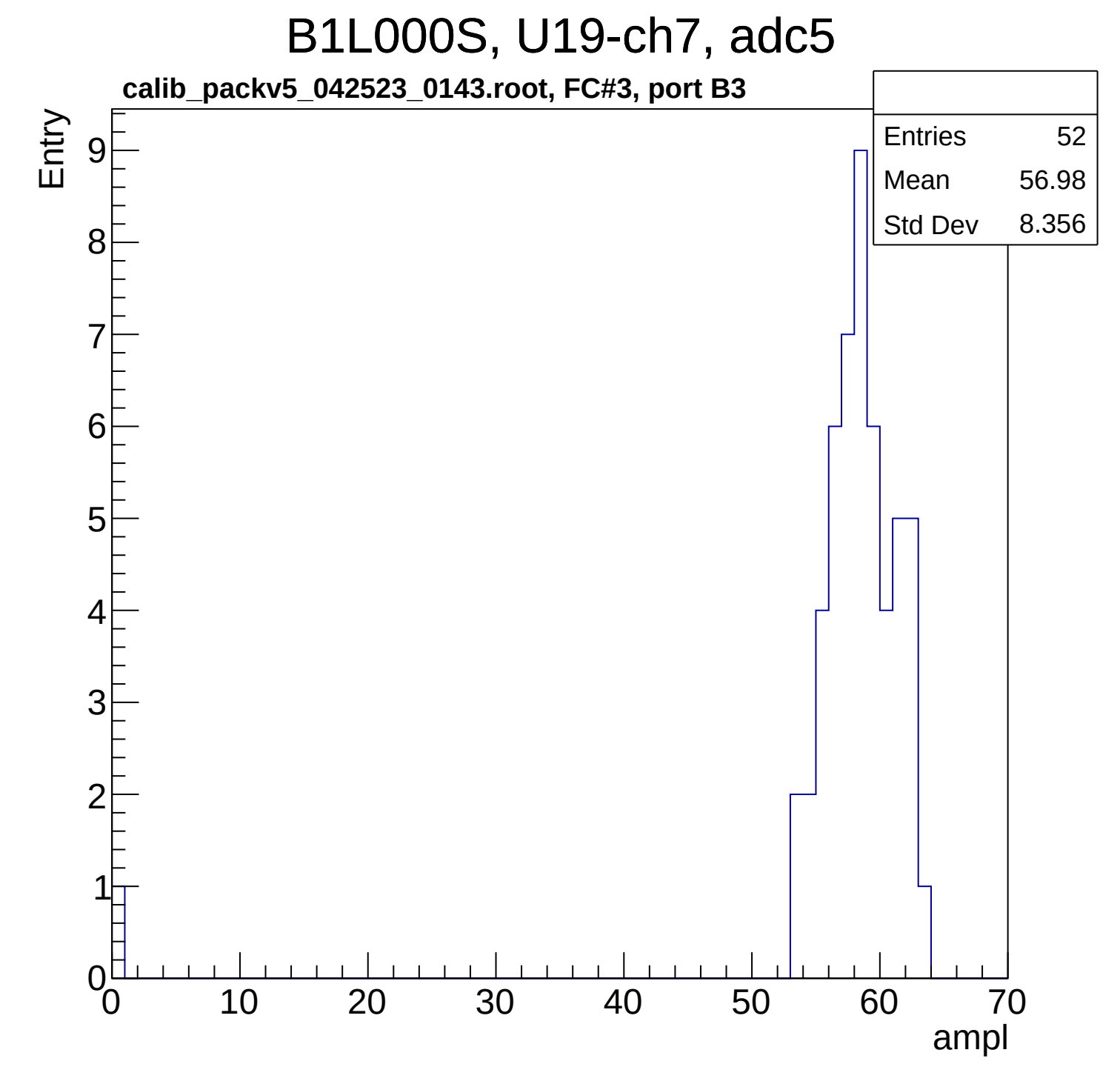
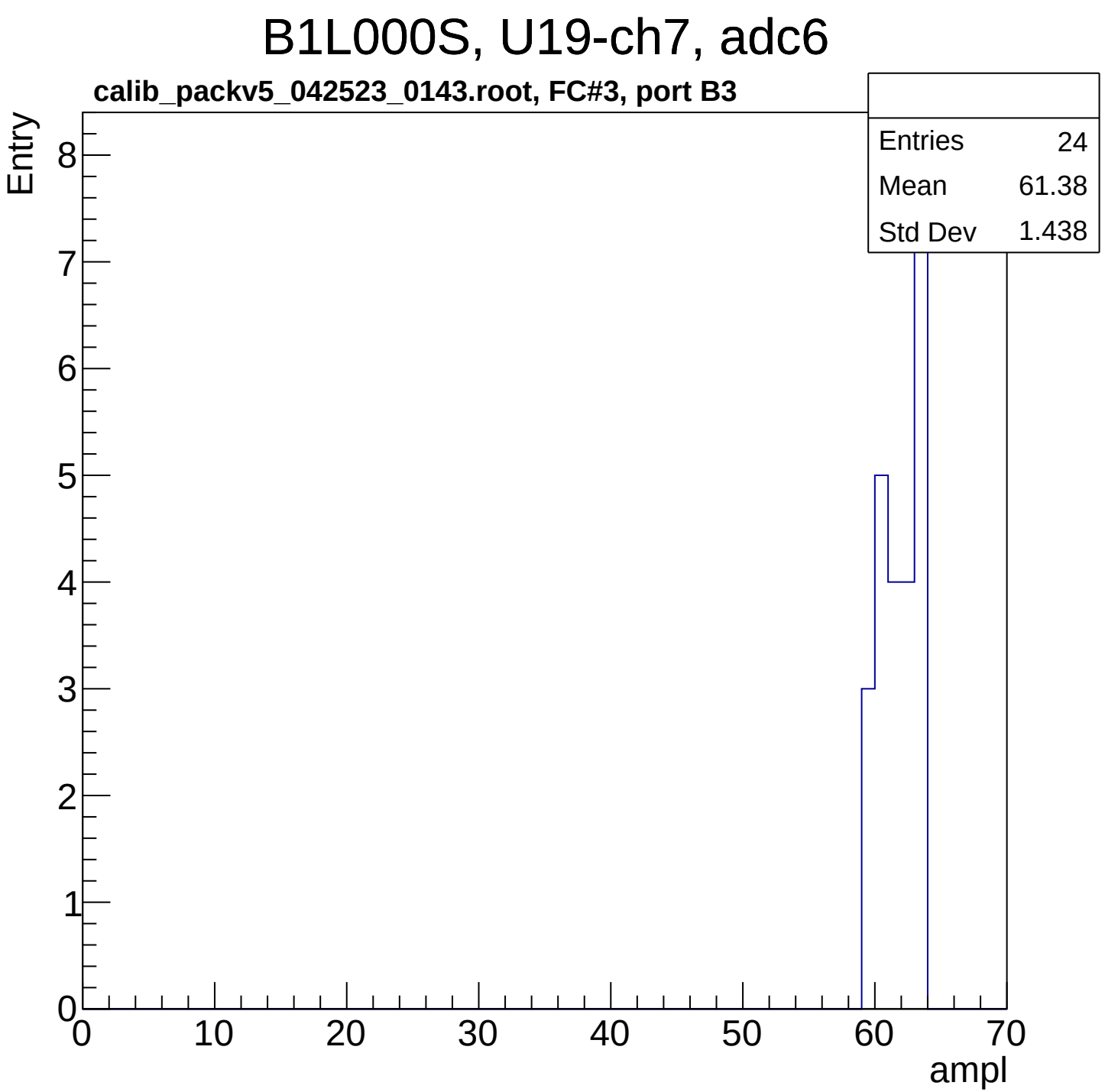
60
70


B1L000S, U19-ch7, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 56.98
Std Dev 8.356
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch7, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 24
Mean 61.38
Std Dev 1.438
Entry
0
1
2
3
4
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6
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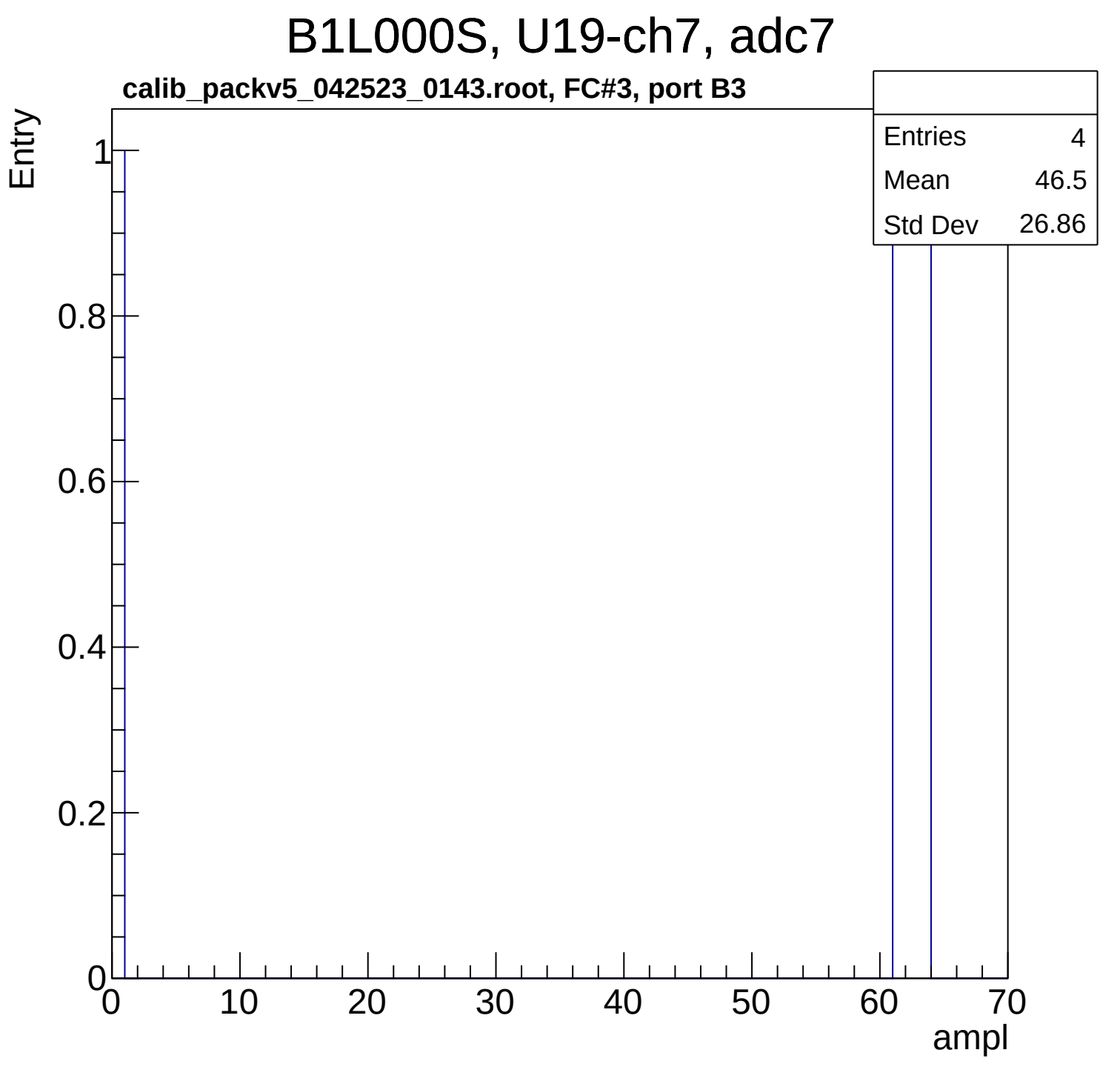
ampl


B1L000S, U19-ch7, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 46.5
Std Dev 26.86
Entry
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0.8
0.6
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10
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50
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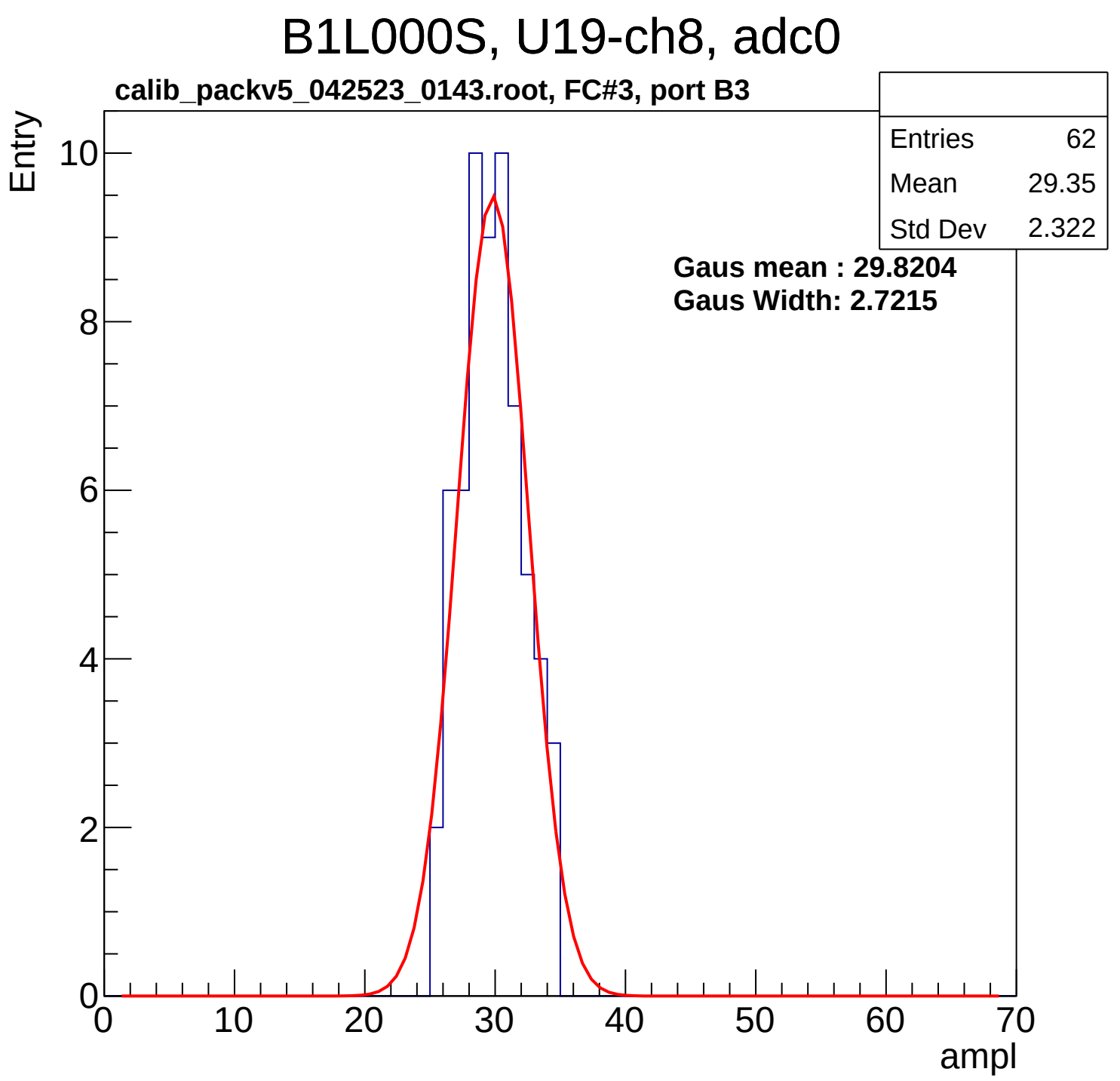
70
ampl


B1L000S, U19-ch8, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 29.35
Std Dev 2.322
Gaus mean : 29.8204
Gaus Width: 2.7215
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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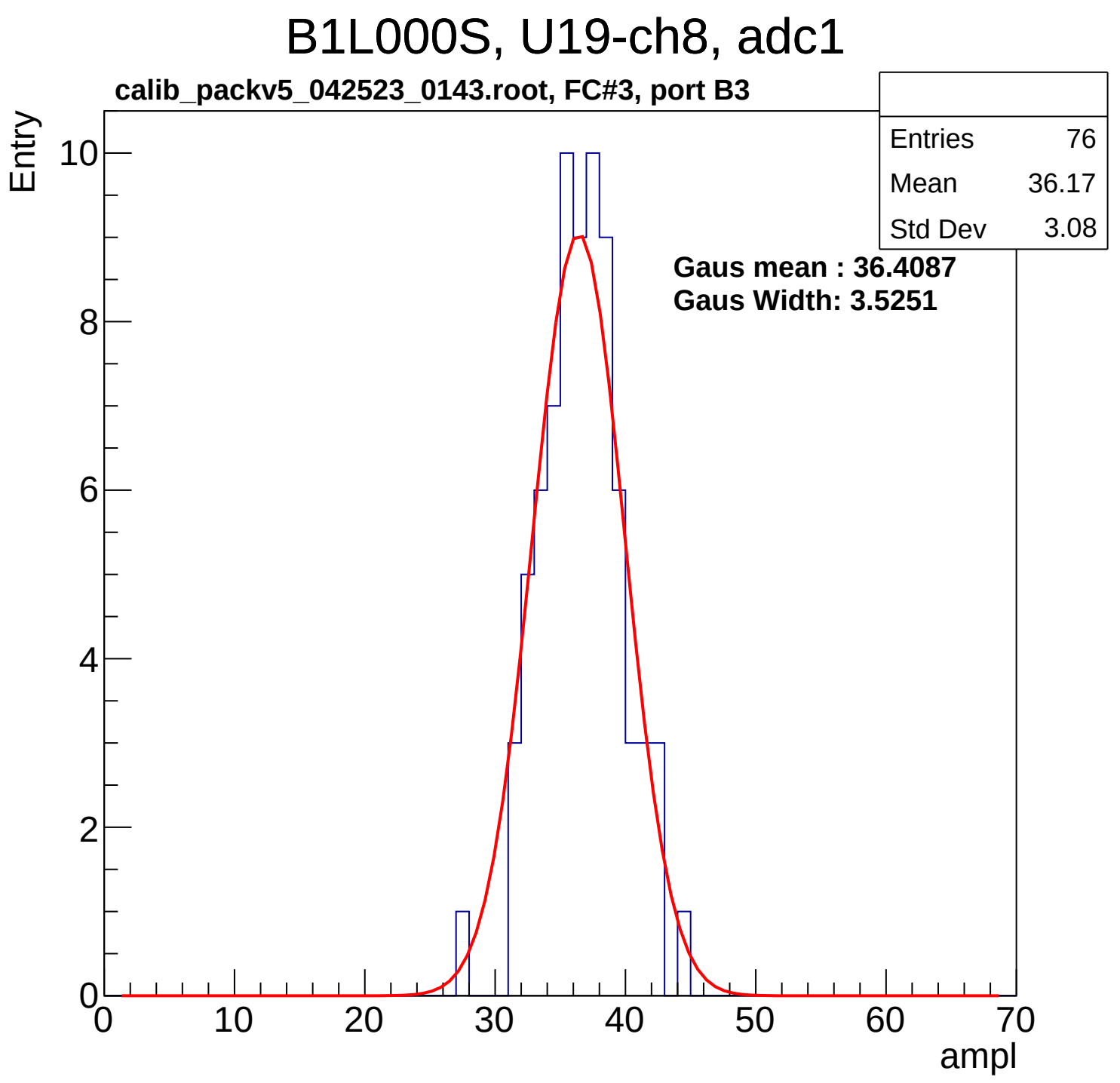
B1L000S, U19-ch8, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 36.17
Std Dev 3.08
Gaus mean : 36.4087
Gaus Width: 3.5251
Entry
ampl
0
2
4
6
8
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0
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40
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60
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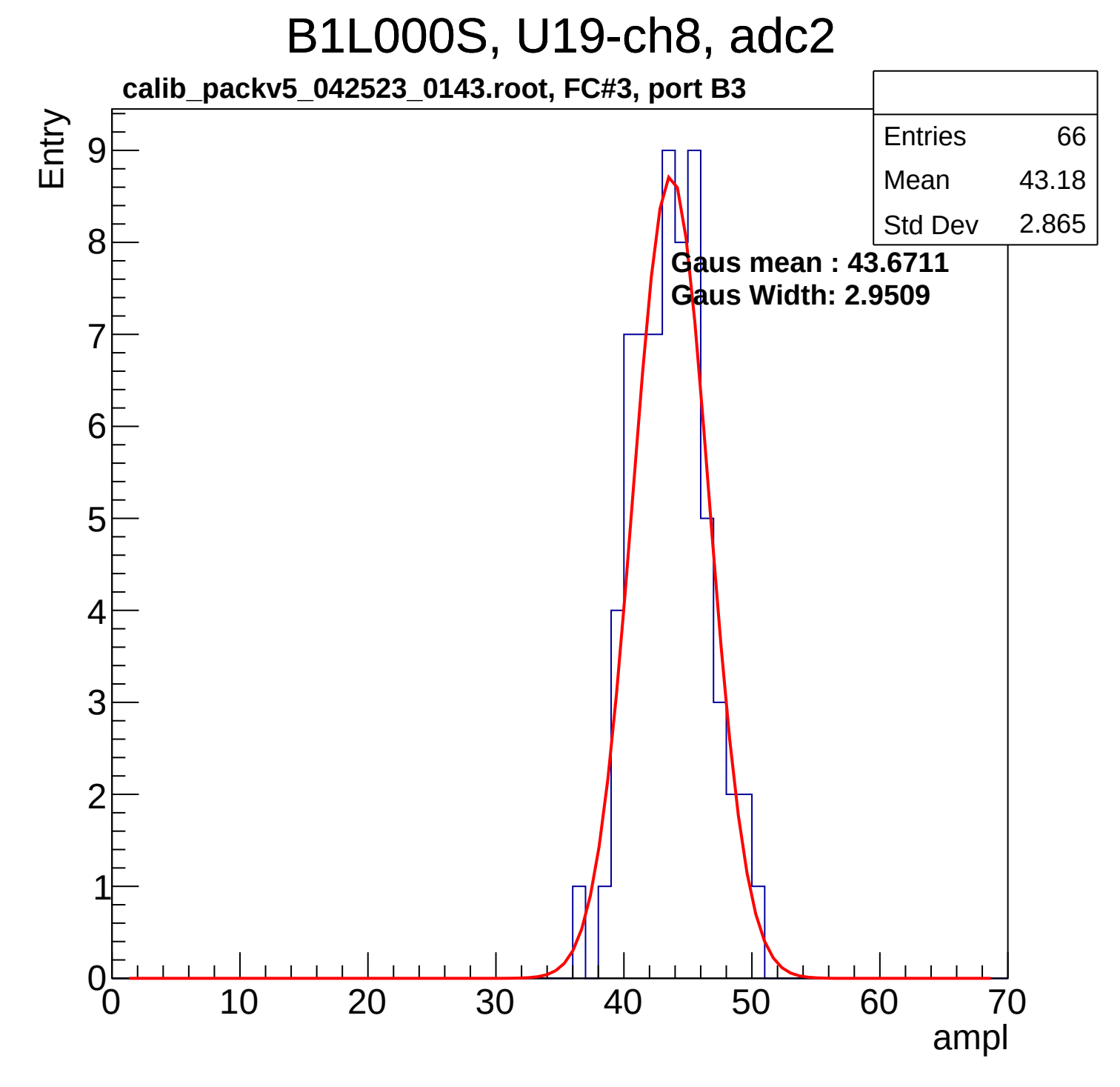
B1L000S, U19-ch8, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 43.18
Std Dev 2.865
Gaus mean : 43.6711
Gaus Width: 2.9509
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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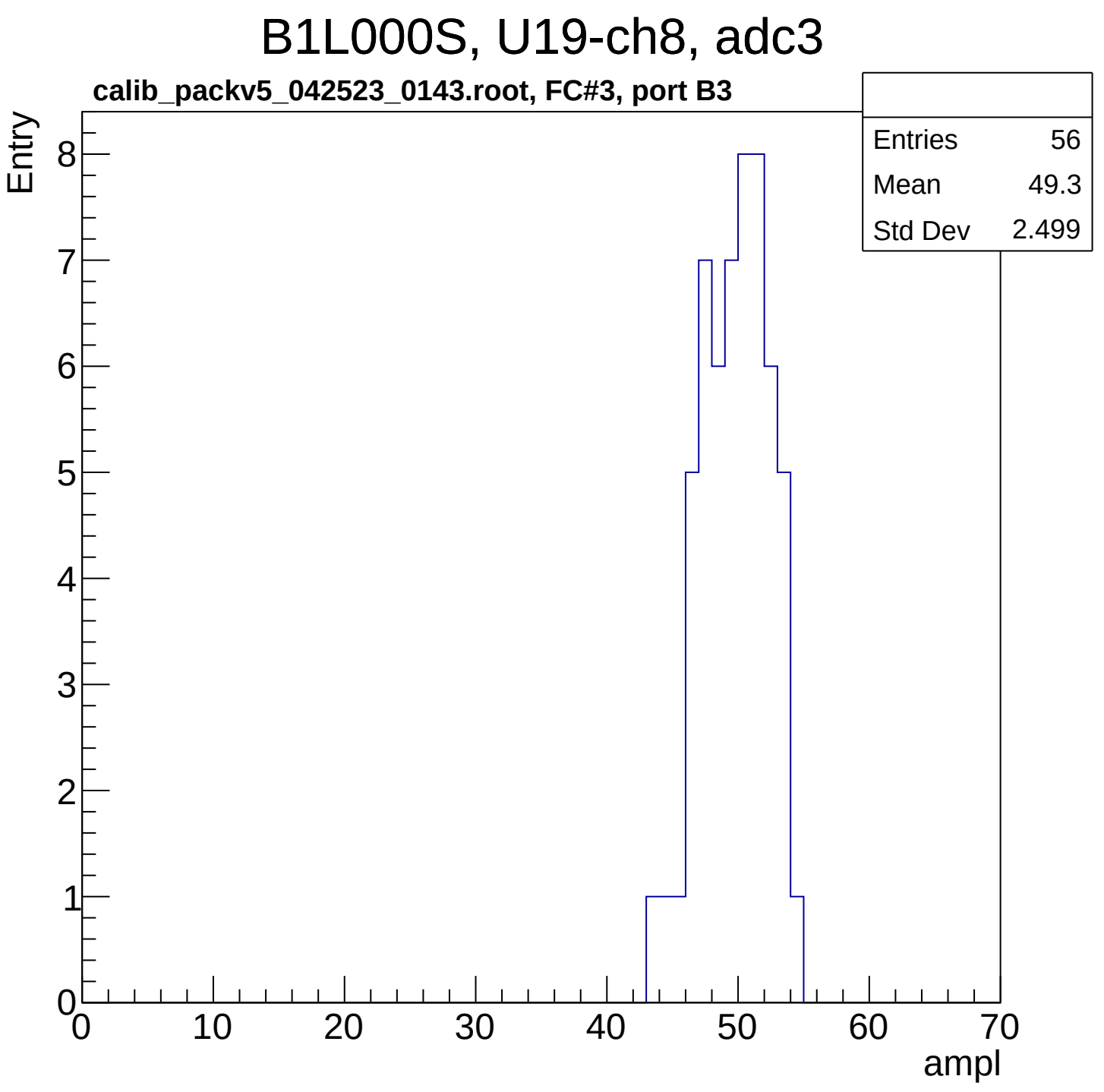
B1L000S, U19-ch8, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 49.3
Std Dev 2.499
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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60
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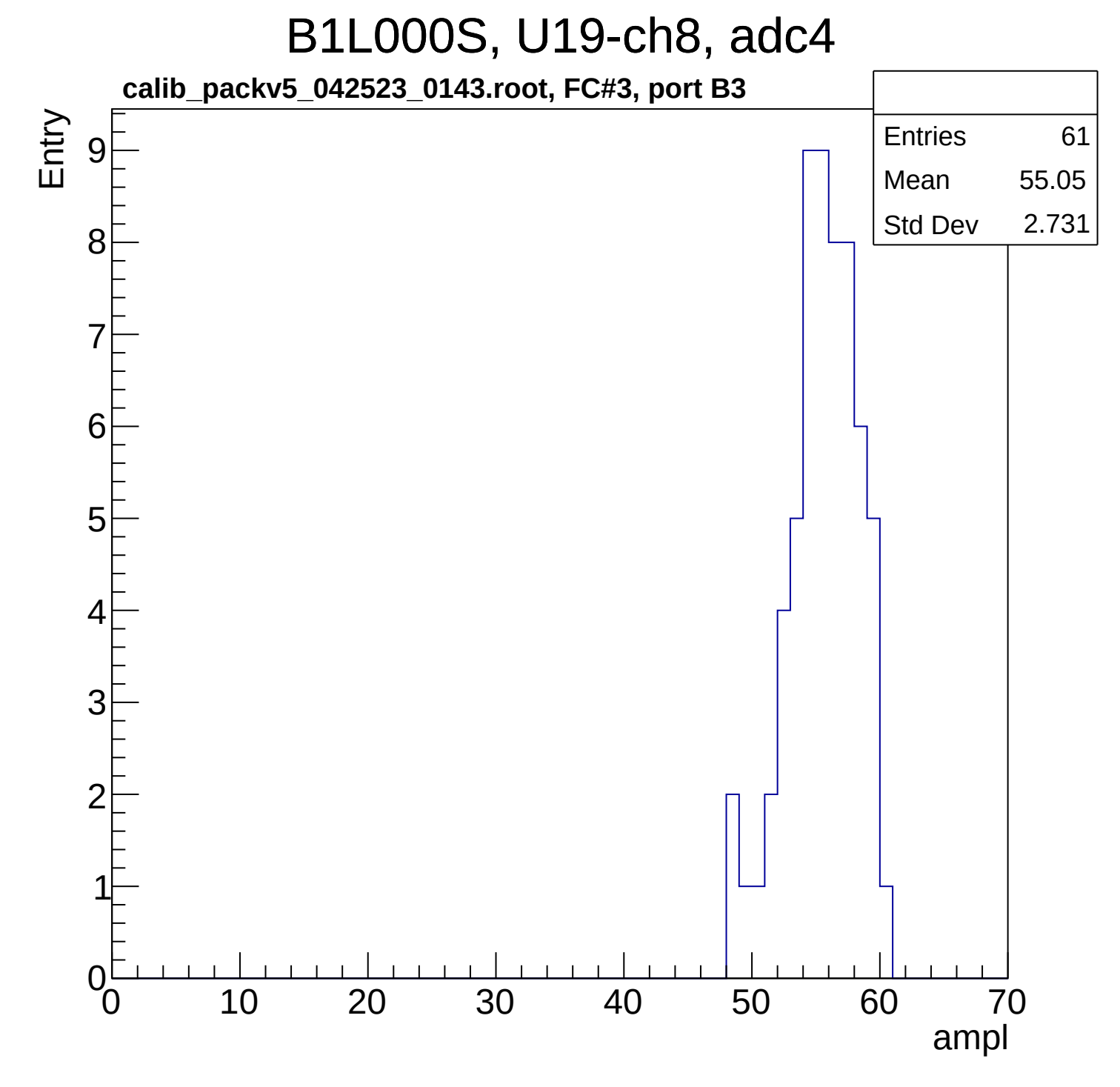
B1L000S, U19-ch8, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 55.05
Std Dev 2.731
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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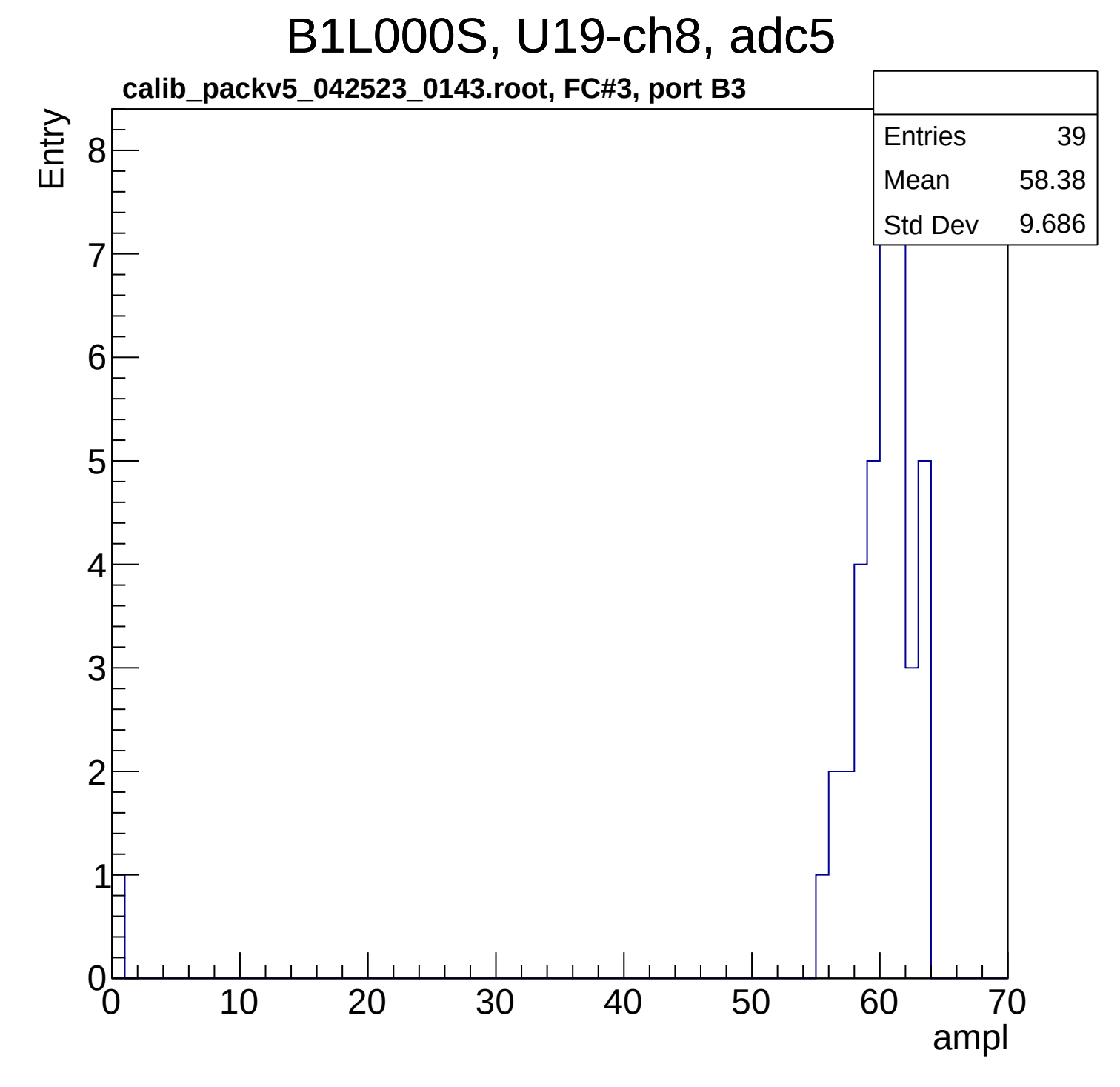
B1L000S, U19-ch8, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 39
Mean 58.38
Std Dev 9.686
Entry
ampl
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2
3
4
5
6
7
8
0
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60
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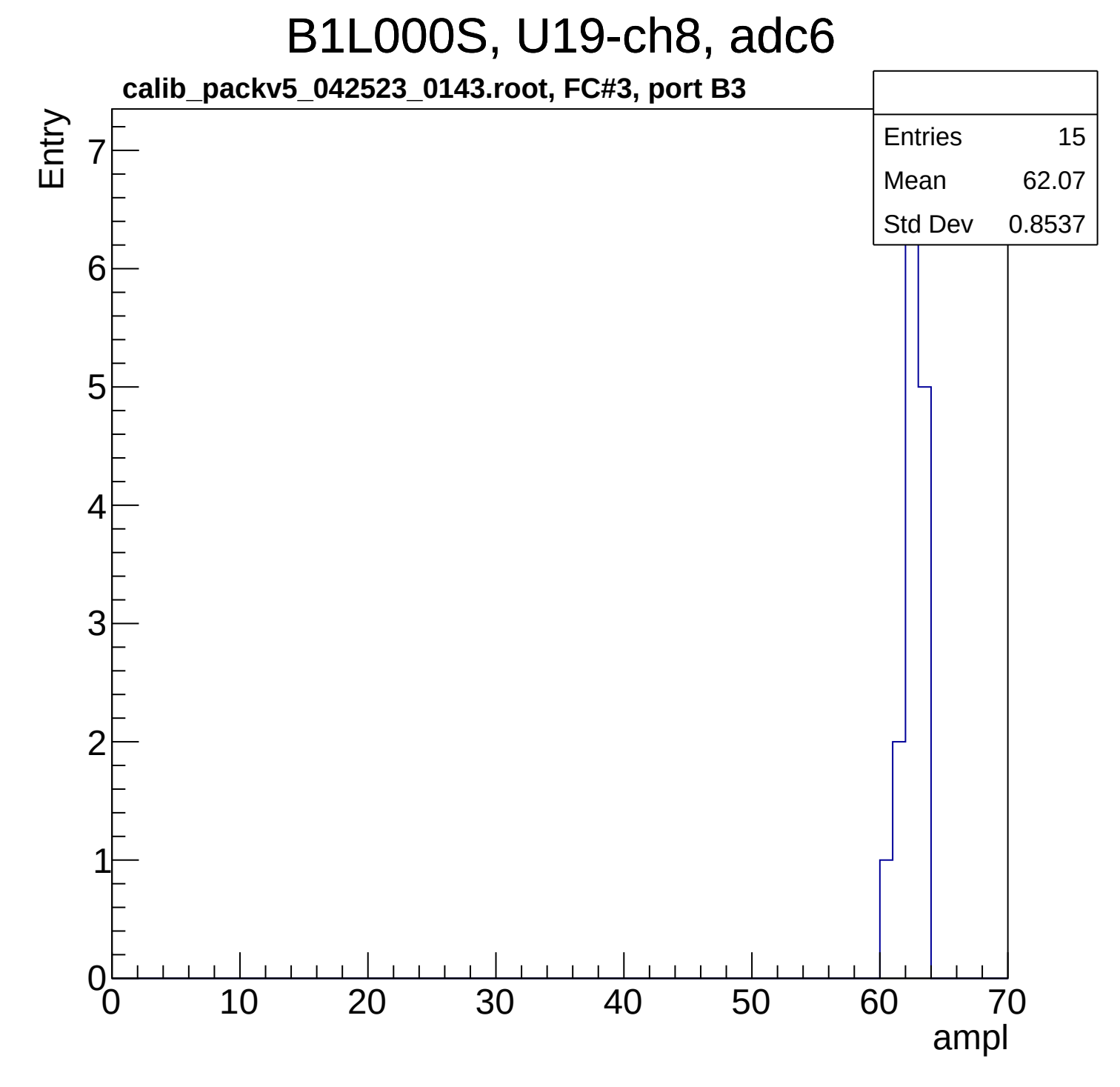
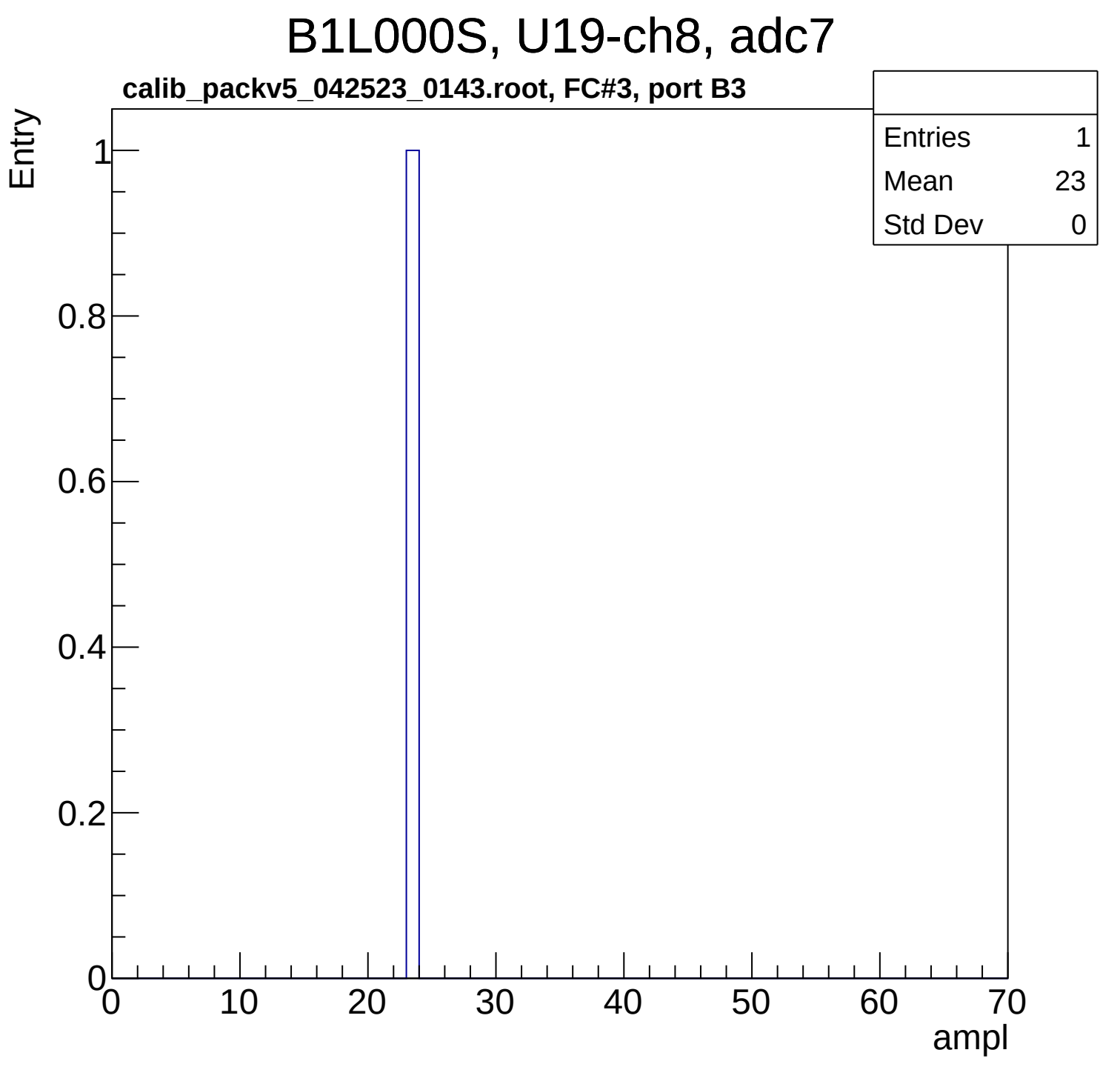
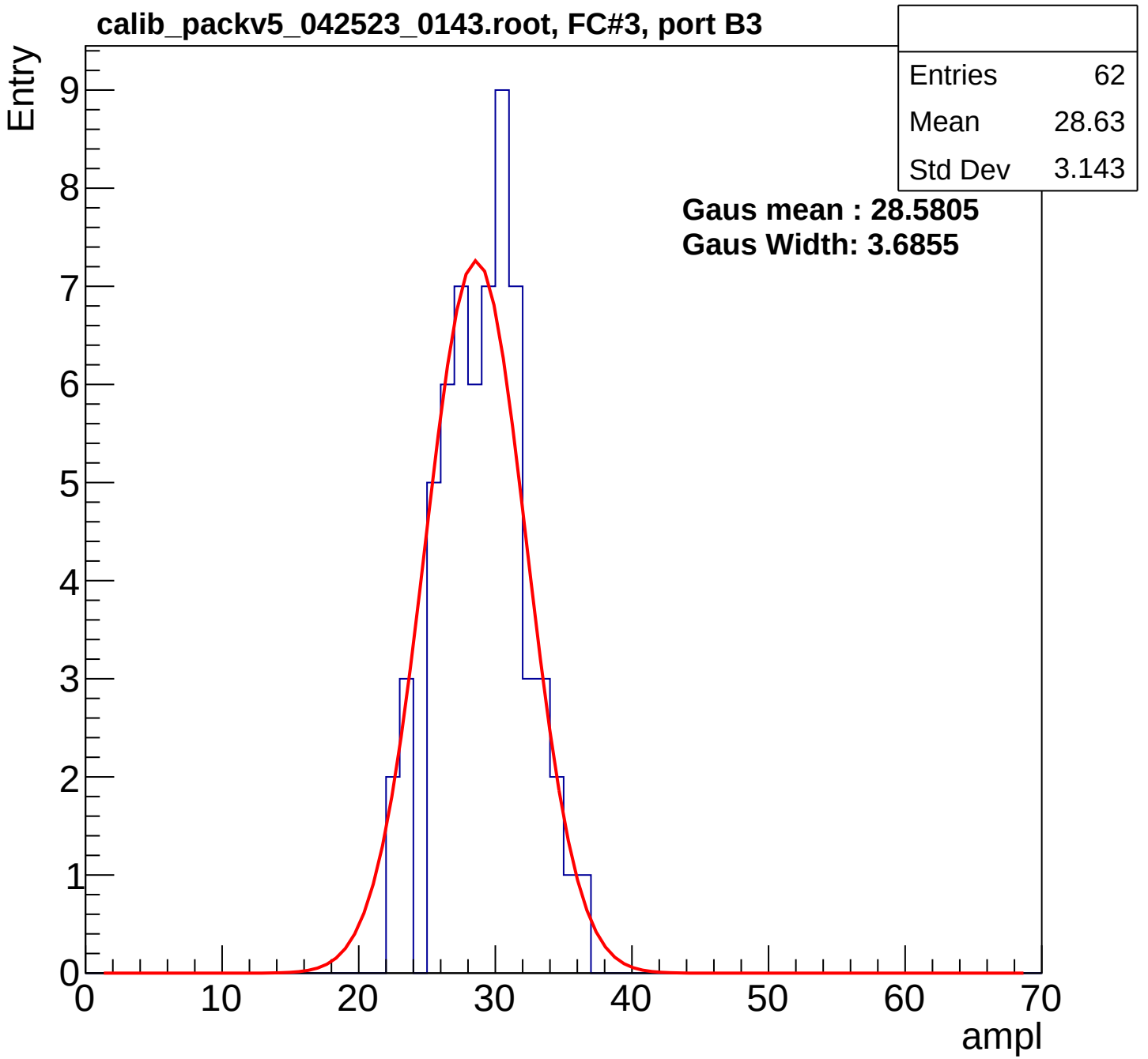
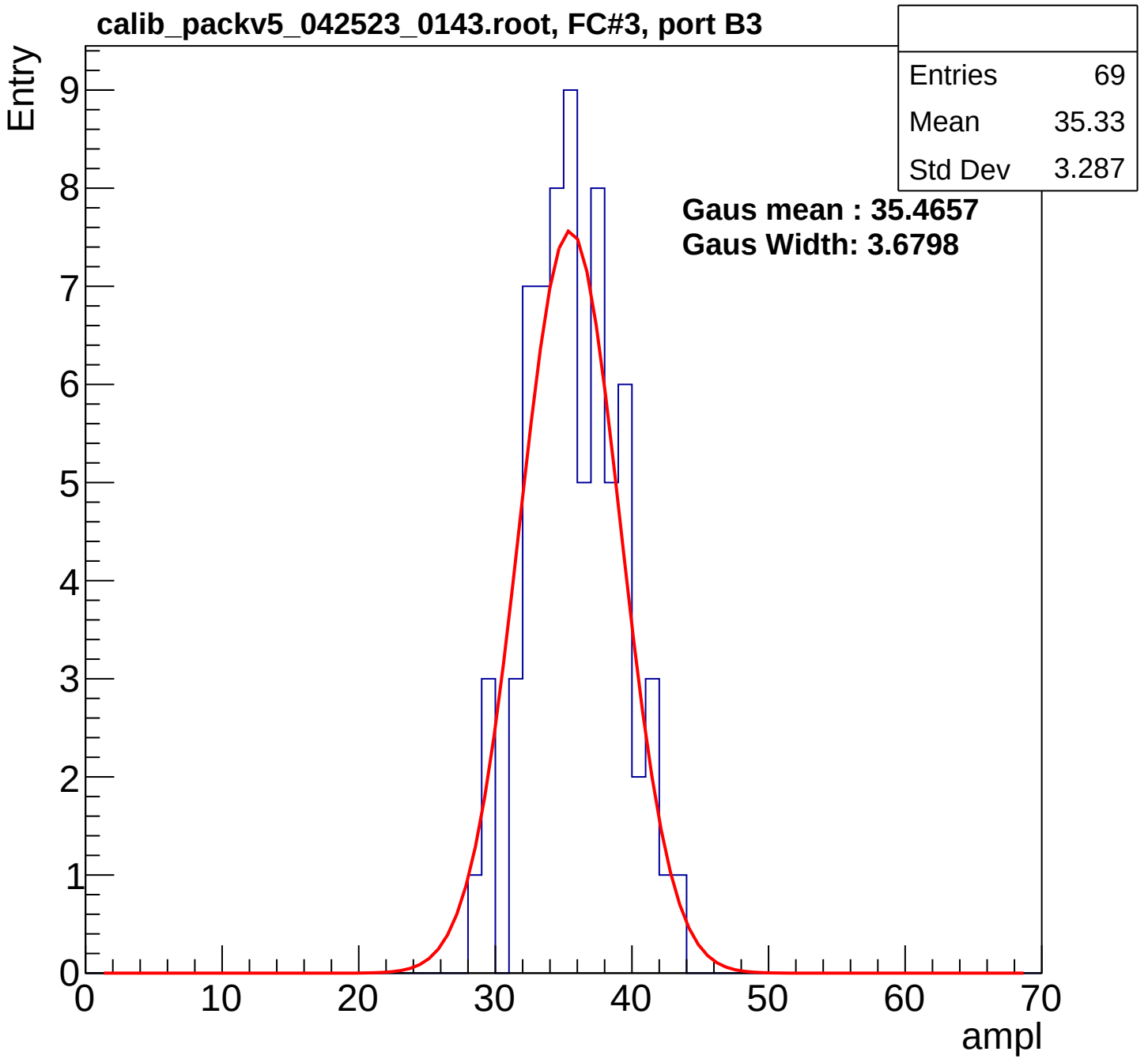
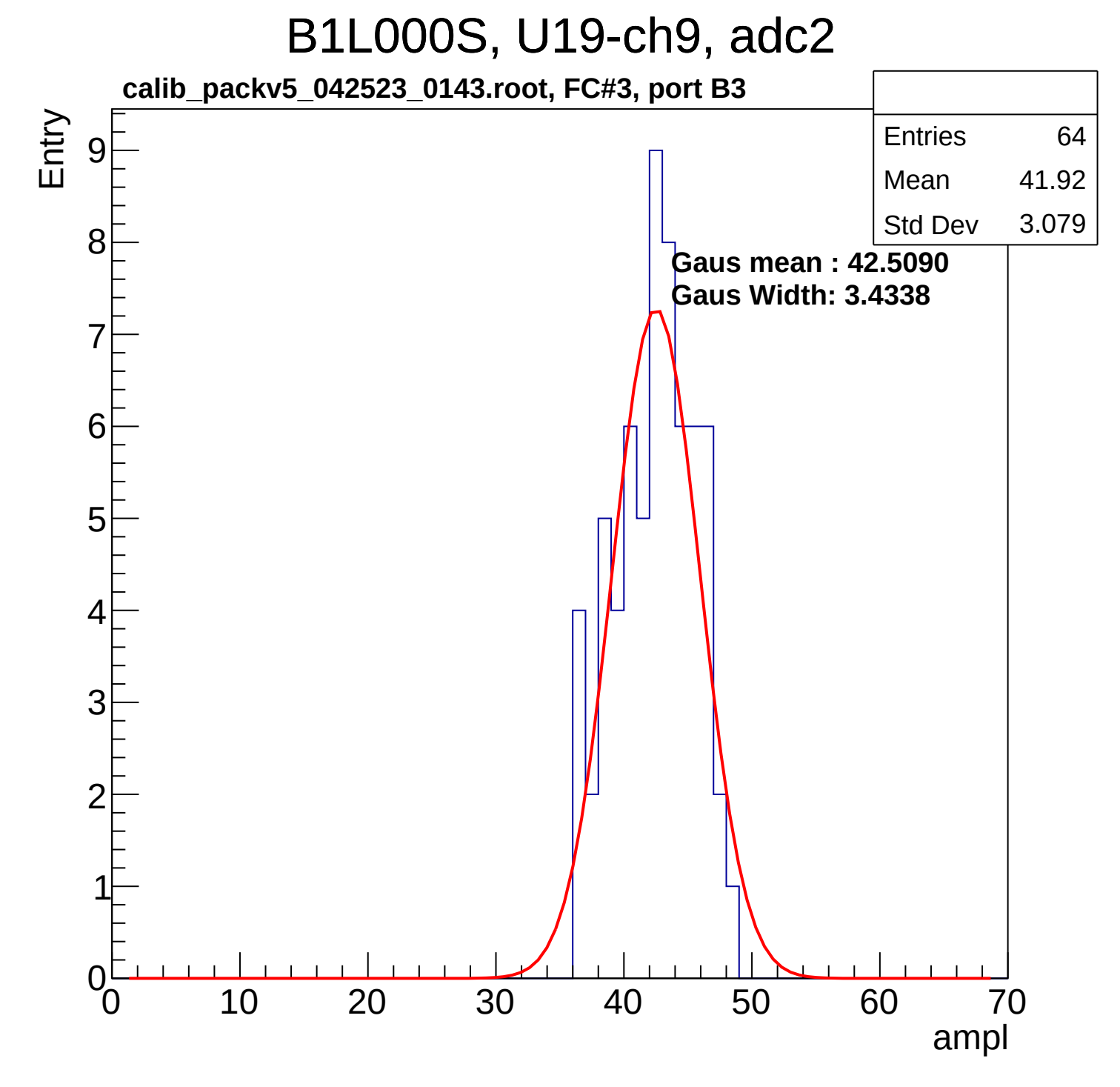

B1L000S, U19-ch8, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 62.07
Std Dev 0.8537
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U19-ch8, 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, U19-ch9, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 28.63
Std Dev 3.143
Gaus mean : 28.5805
Gaus Width: 3.6855
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch9, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 35.33
Std Dev 3.287
Gaus mean : 35.4657
Gaus Width: 3.6798
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U19-ch9, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 41.92
Std Dev 3.079
Gaus mean : 42.5090
Gaus Width: 3.4338
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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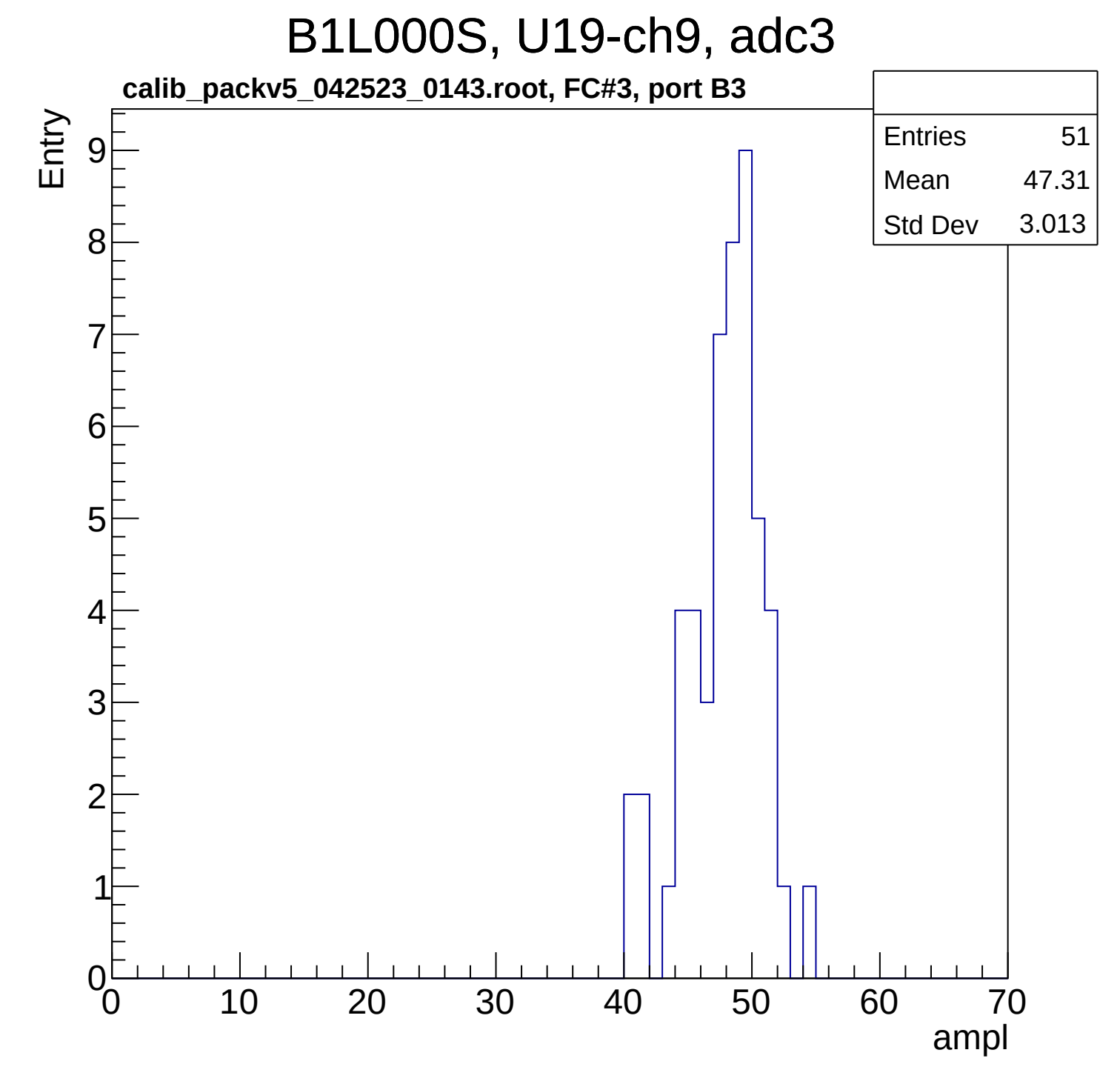
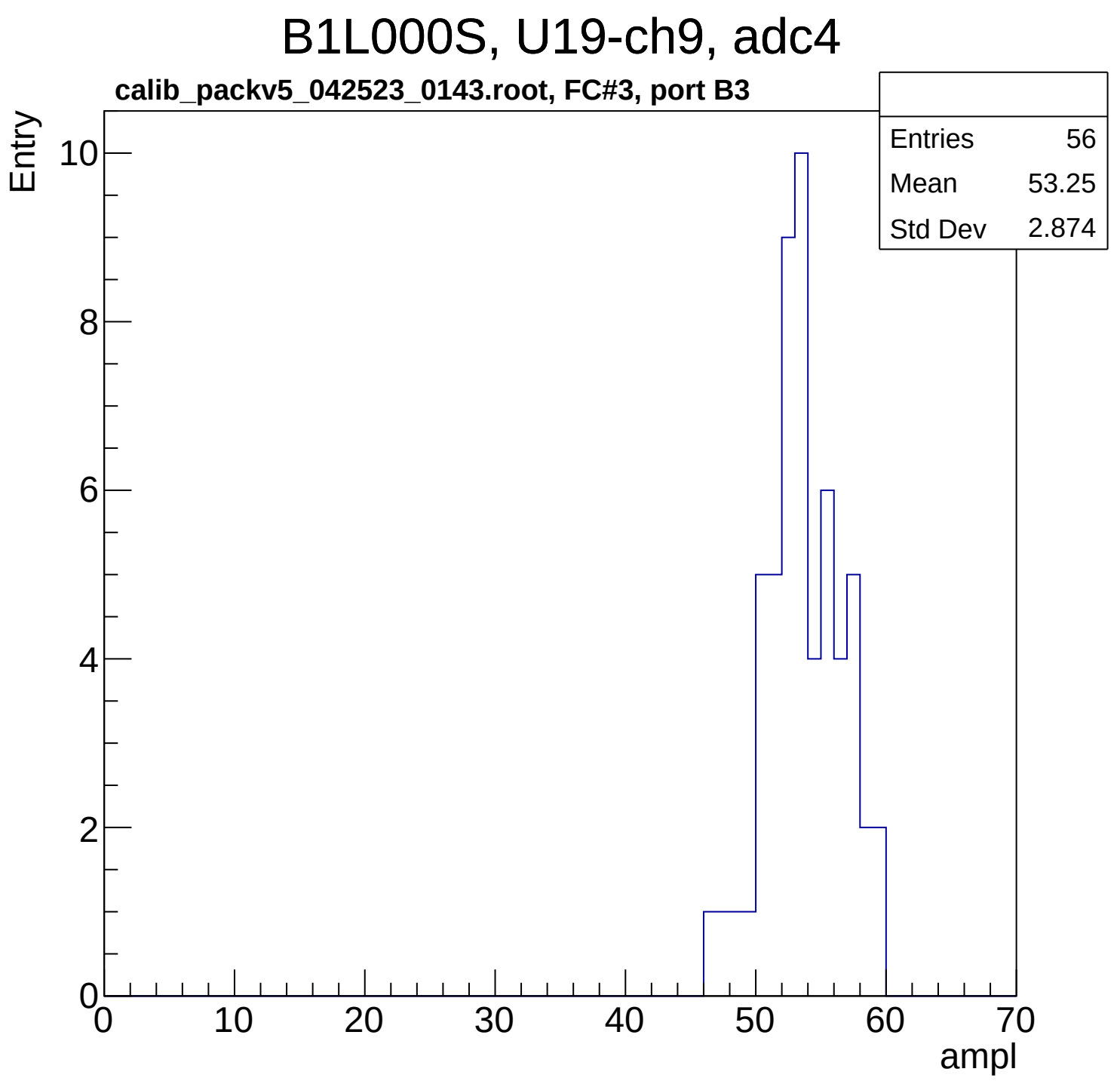
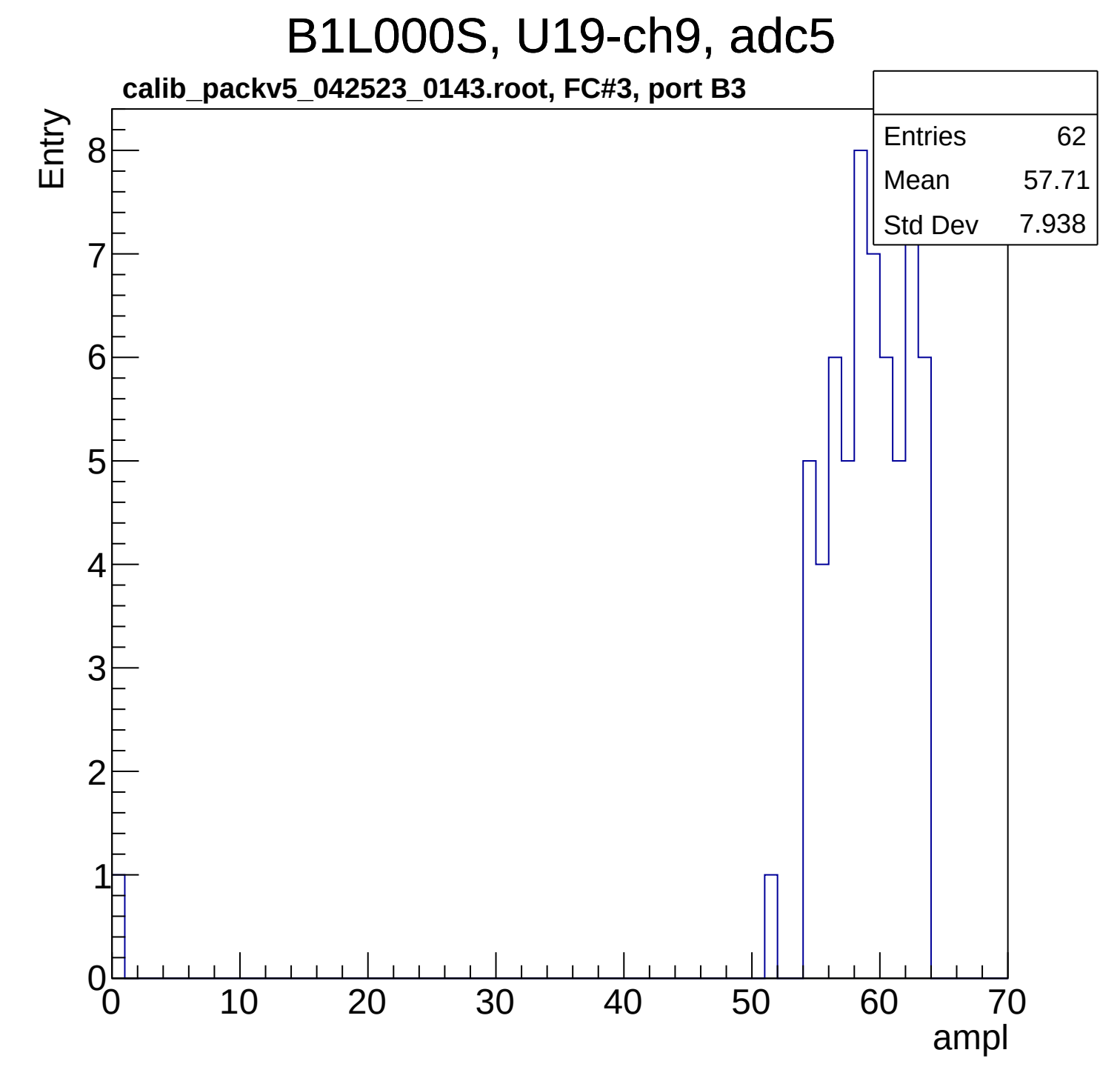

B1L000S, U19-ch9, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 47.31
Std Dev 3.013
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch9, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 53.25
Std Dev 2.874
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch9, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 57.71
Std Dev 7.938
Entry
ampl
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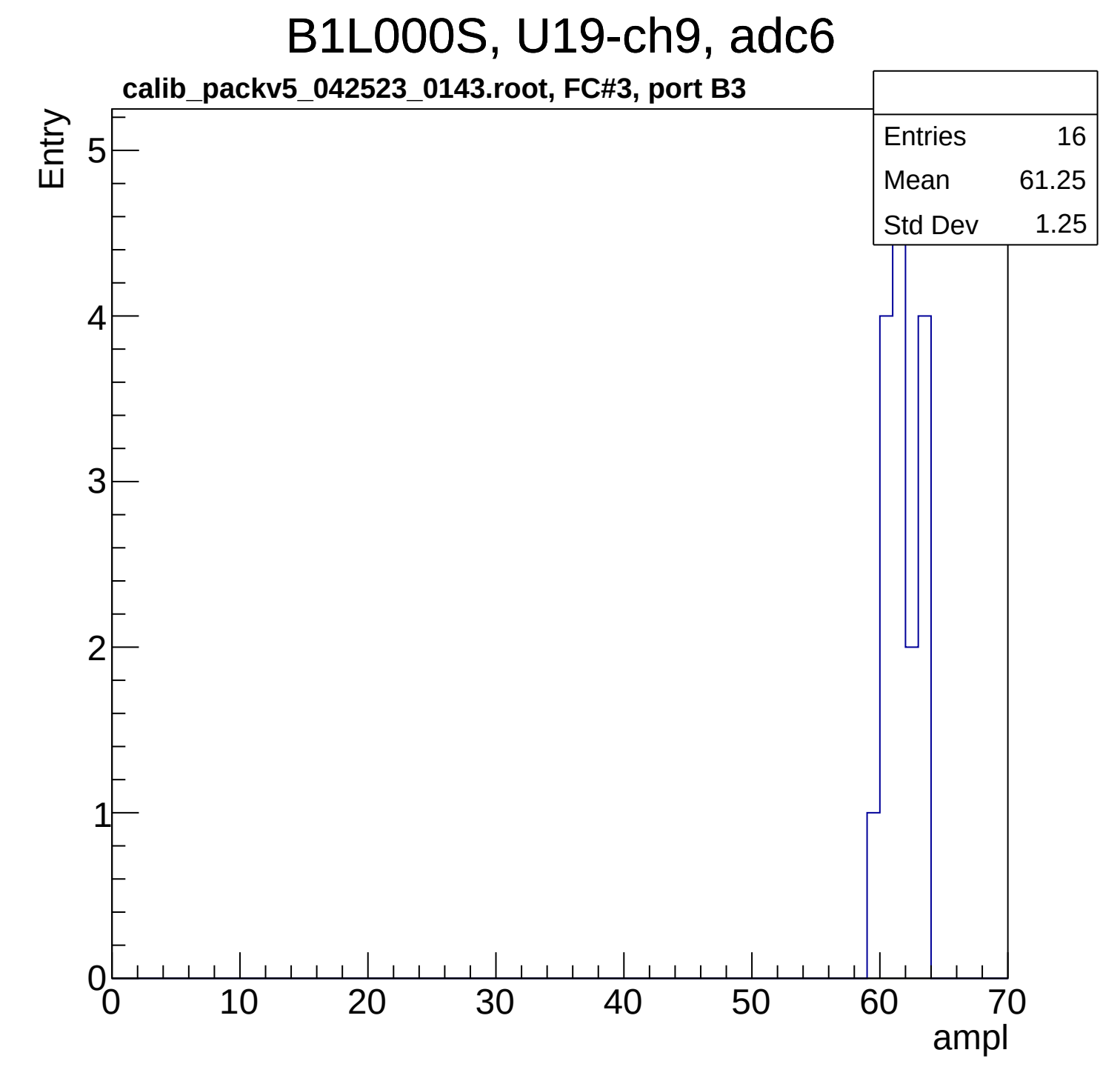
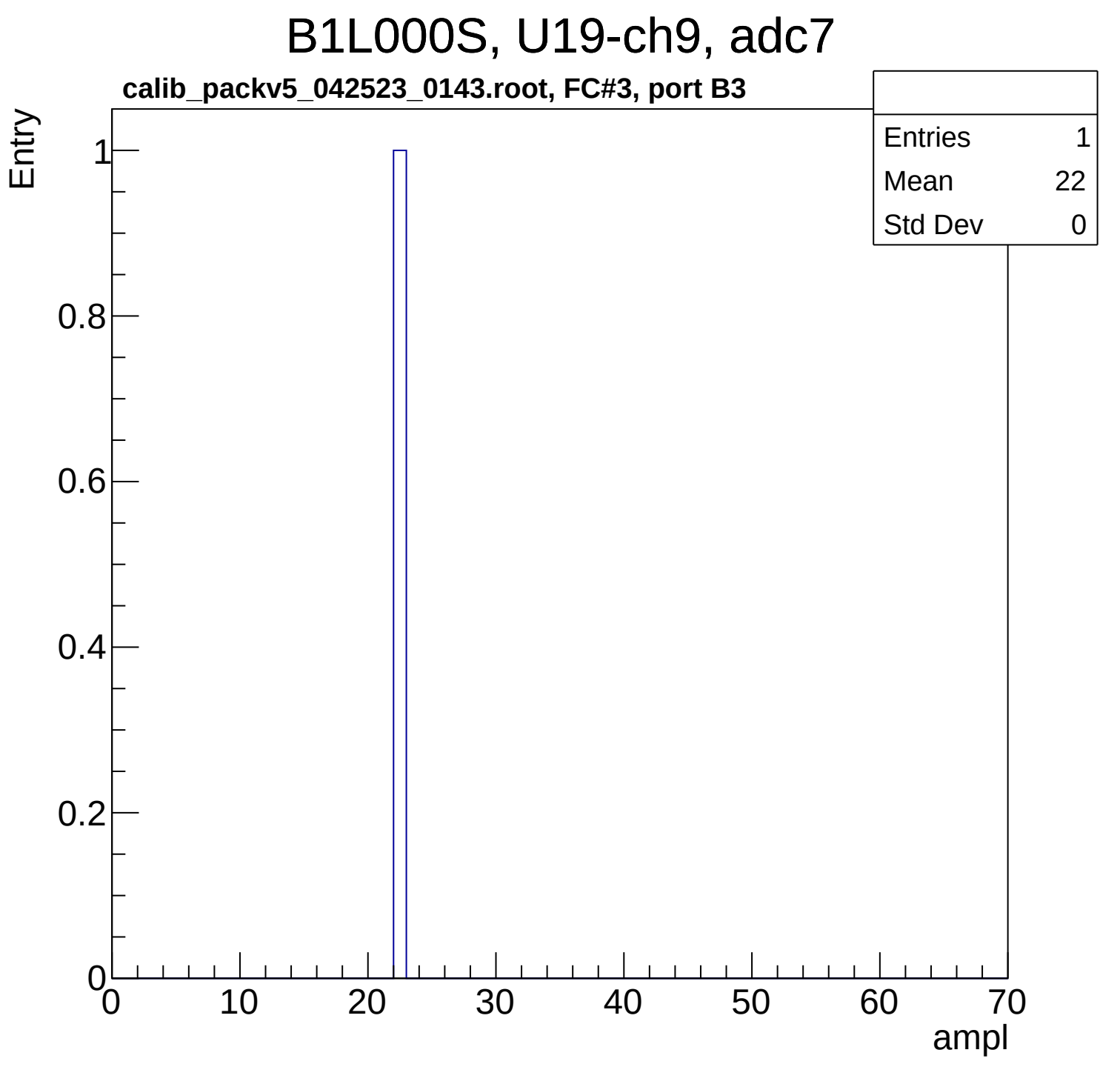
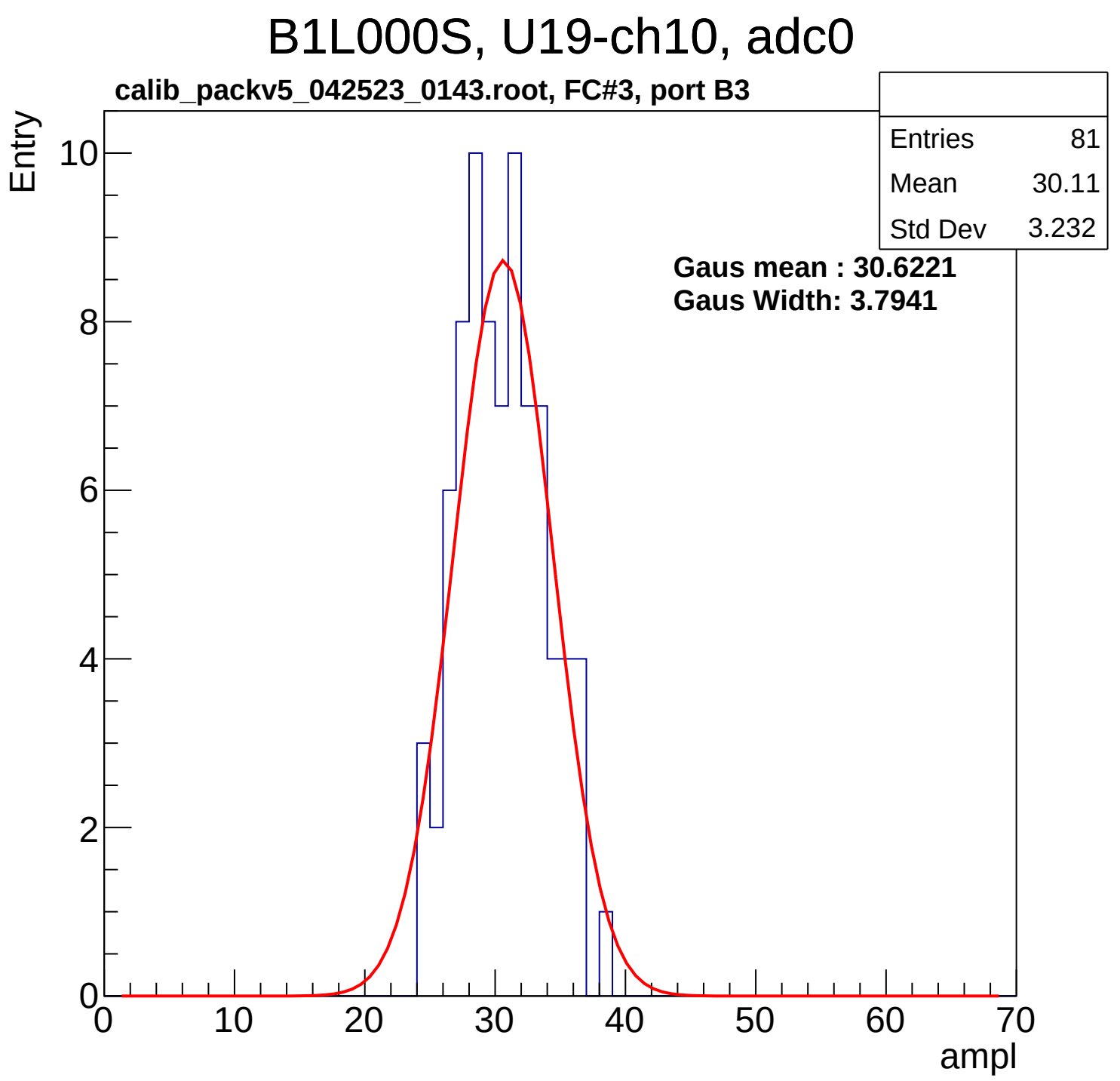
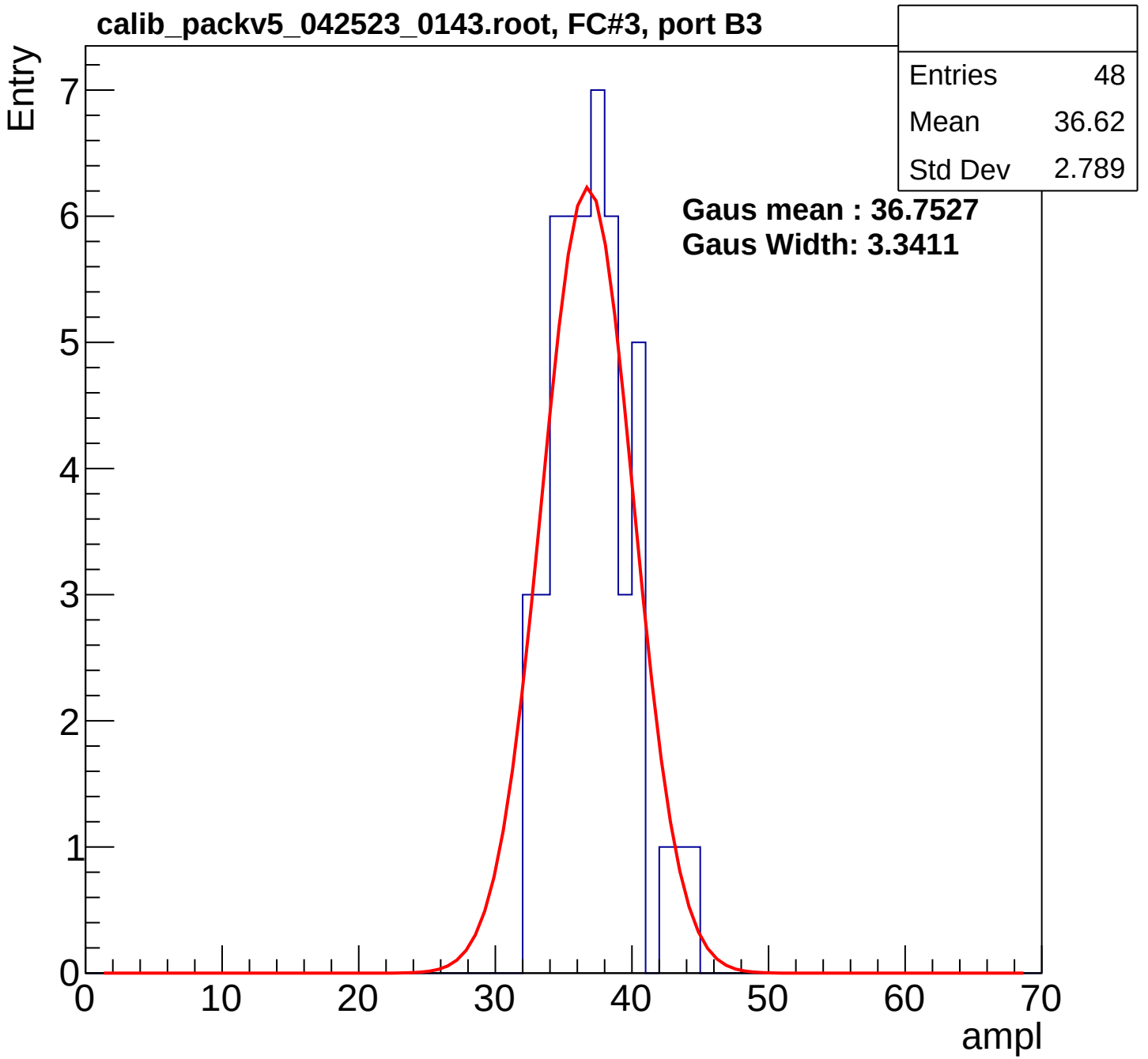
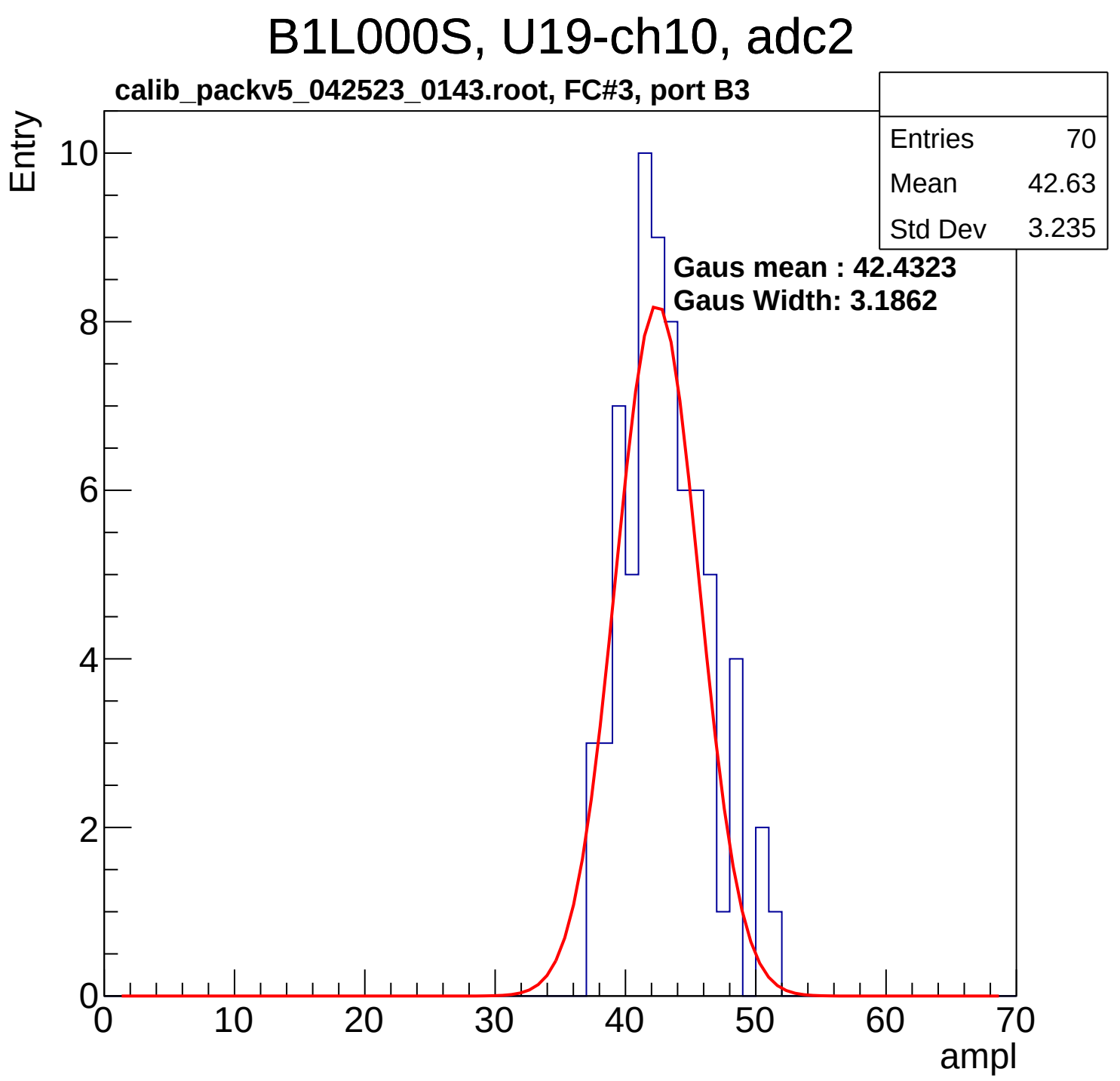
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

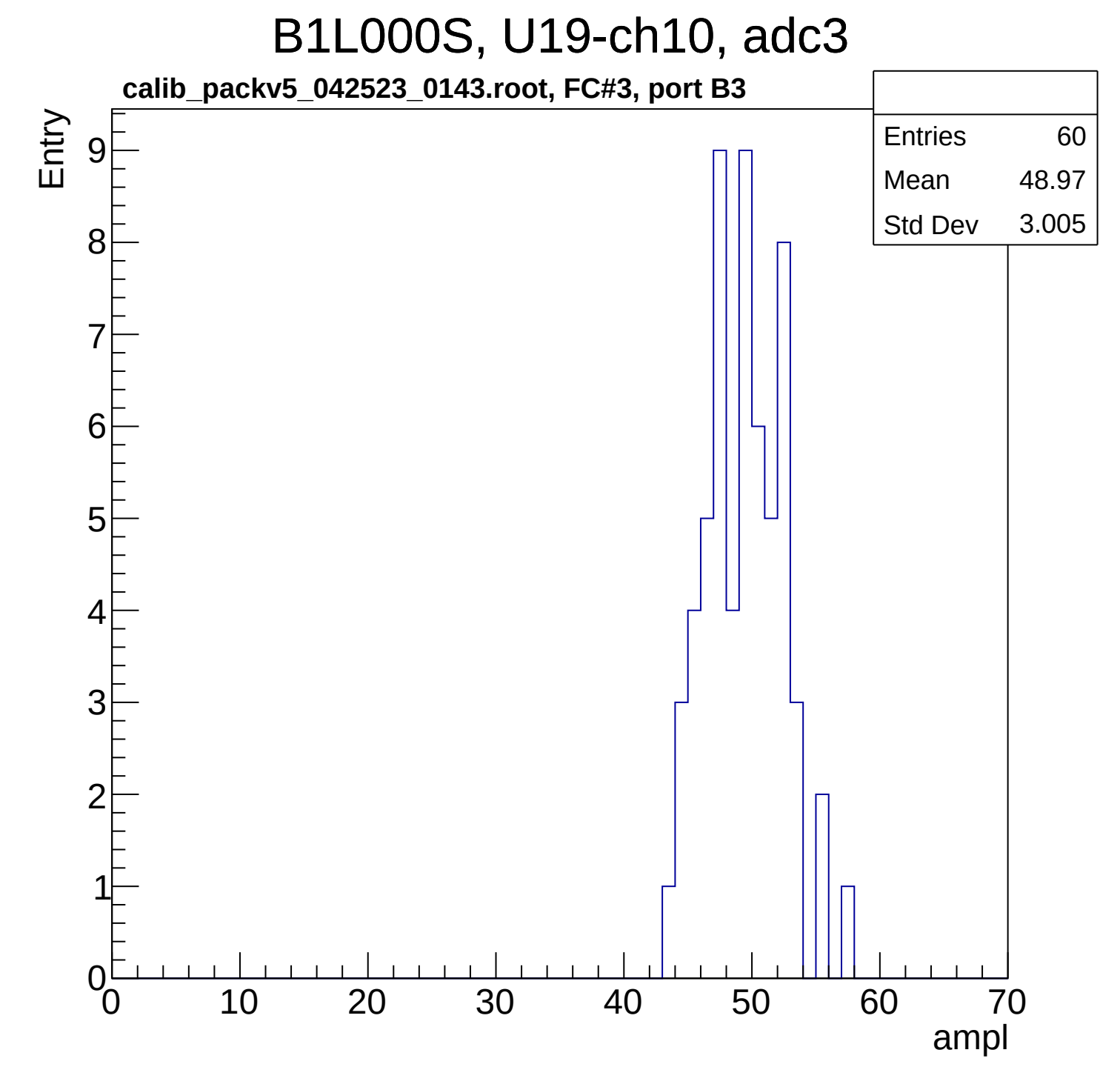

B1L000S, U19-ch9, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 61.25
Std Dev 1.25
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch9, 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, U19-ch10, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 81
Mean 30.11
Std Dev 3.232
Gaus mean : 30.6221
Gaus Width: 3.7941
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch10, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 36.62
Std Dev 2.789
Gaus mean : 36.7527
Gaus Width: 3.3411
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U19-ch10, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 42.63
Std Dev 3.235
Gaus mean : 42.4323
Gaus Width: 3.1862
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch10, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 48.97
Std Dev 3.005
Entry
ampl
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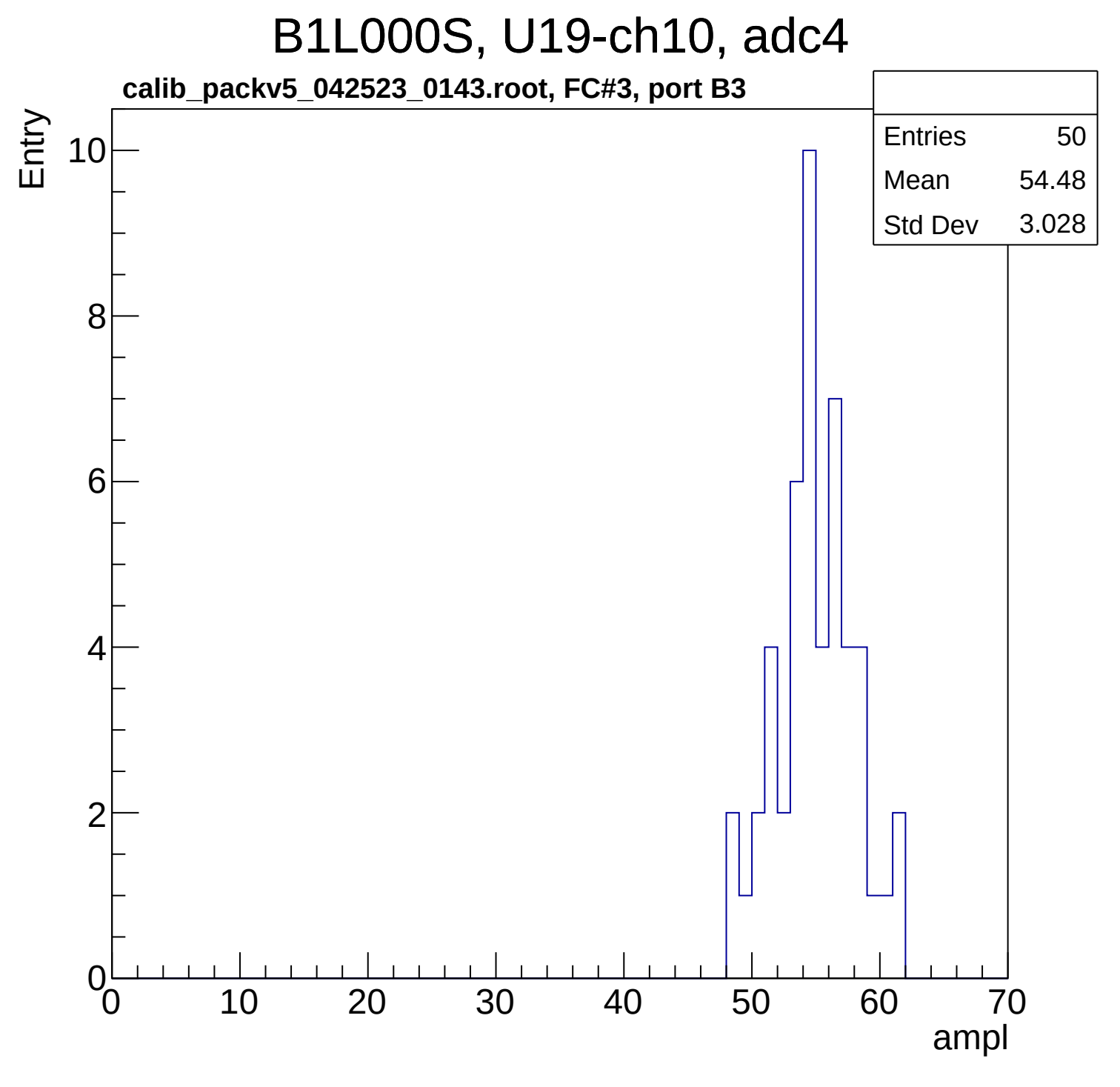
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch10, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 54.48
Std Dev 3.028
Entry
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2
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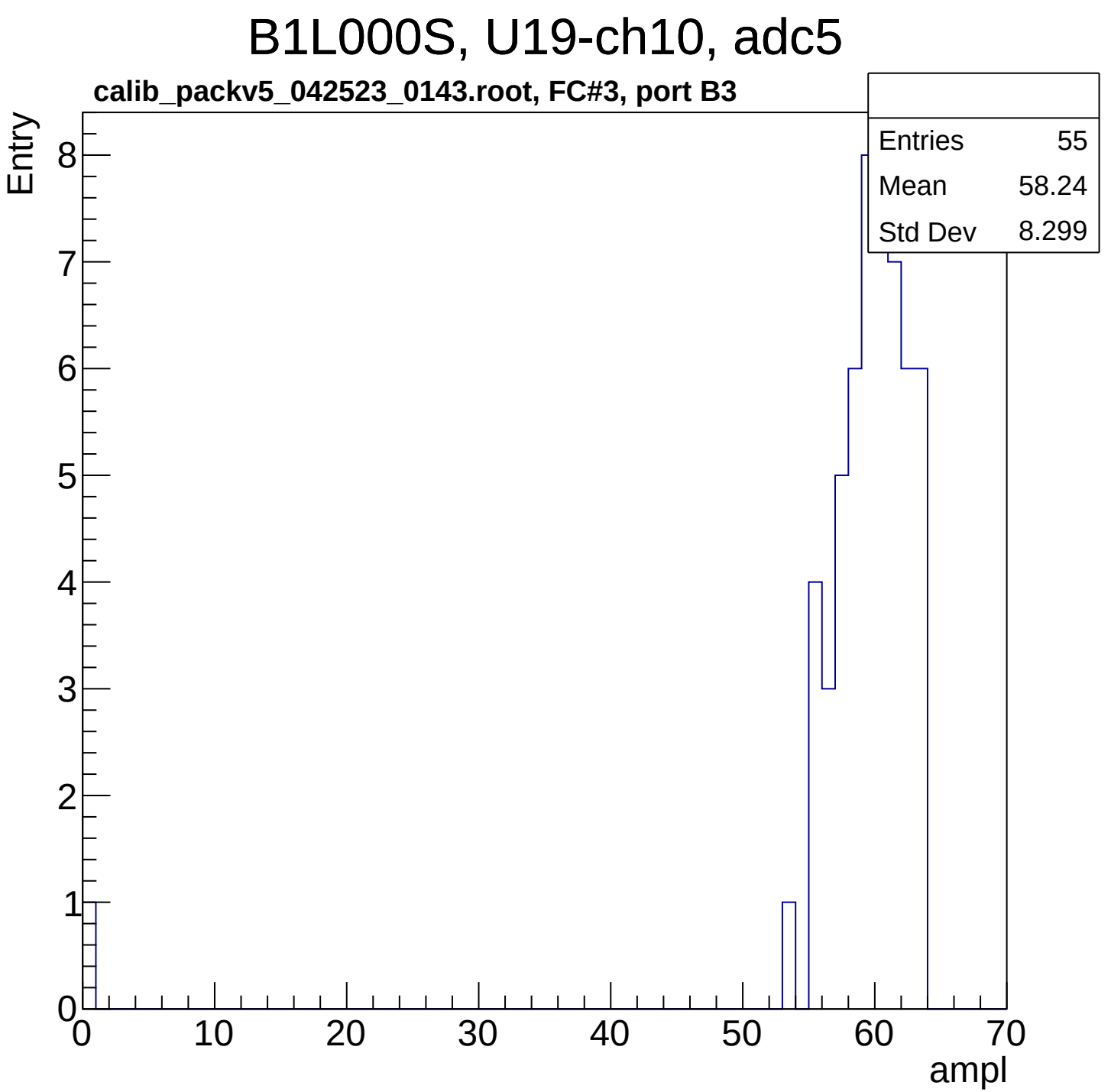
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch10, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 58.24
Std Dev 8.299
Entry
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0
10
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30
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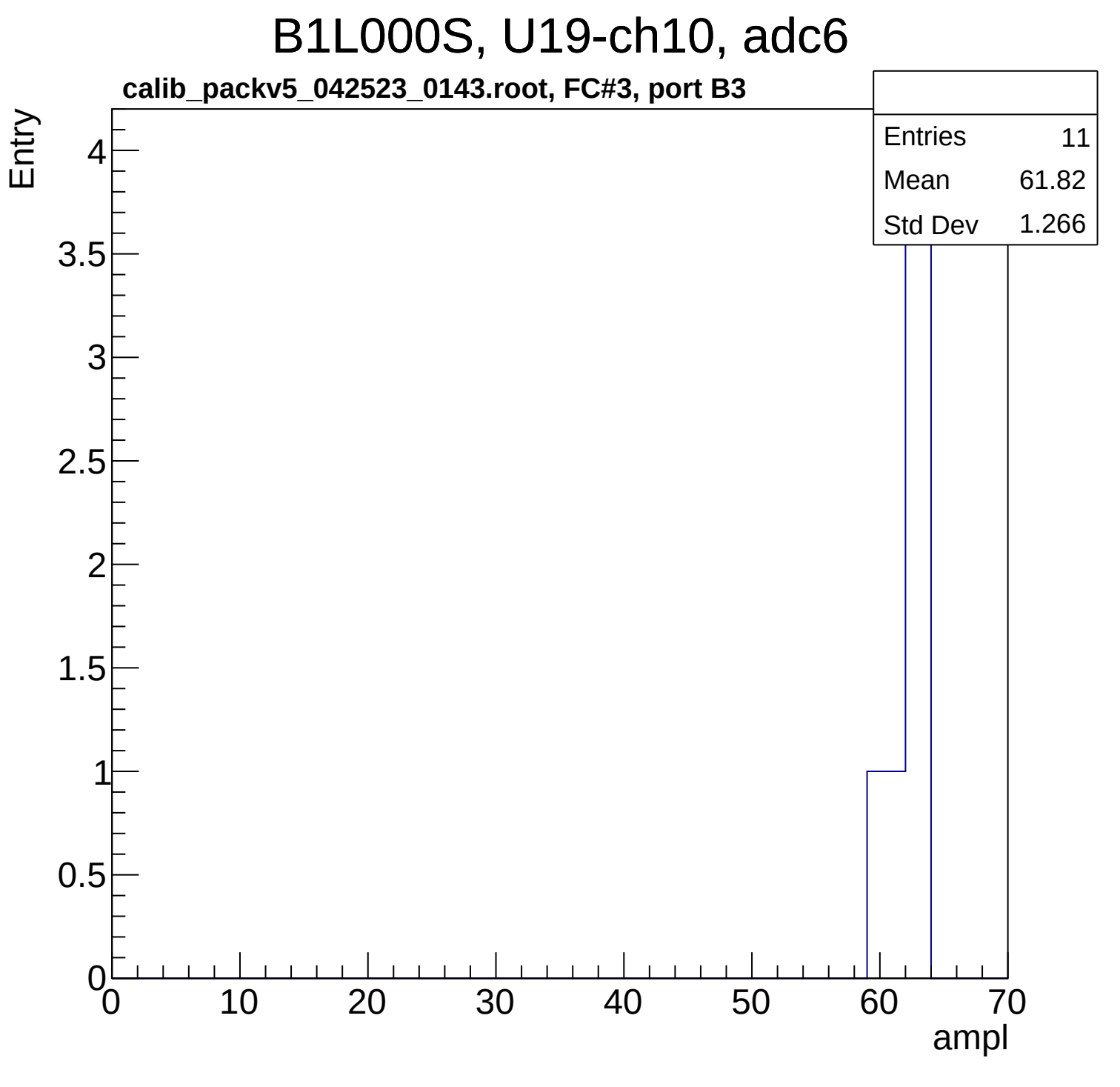
50
60
70
ampl


B1L000S, U19-ch10, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 61.82
Std Dev 1.266
Entry
ampl
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1
1.5
2
2.5
3
3.5
4
0
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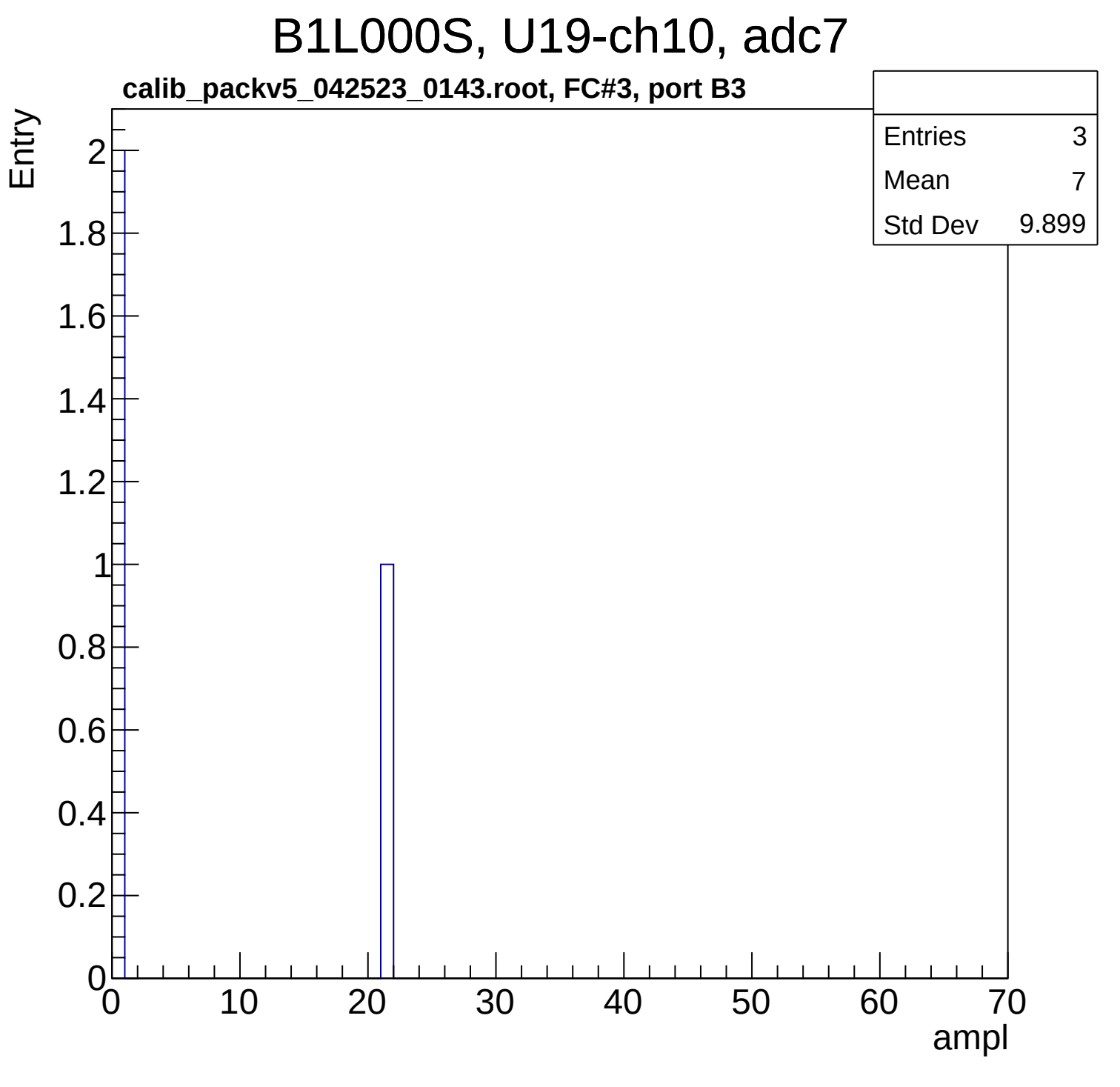
50
60
70


B1L000S, U19-ch10, 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
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20
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40
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60
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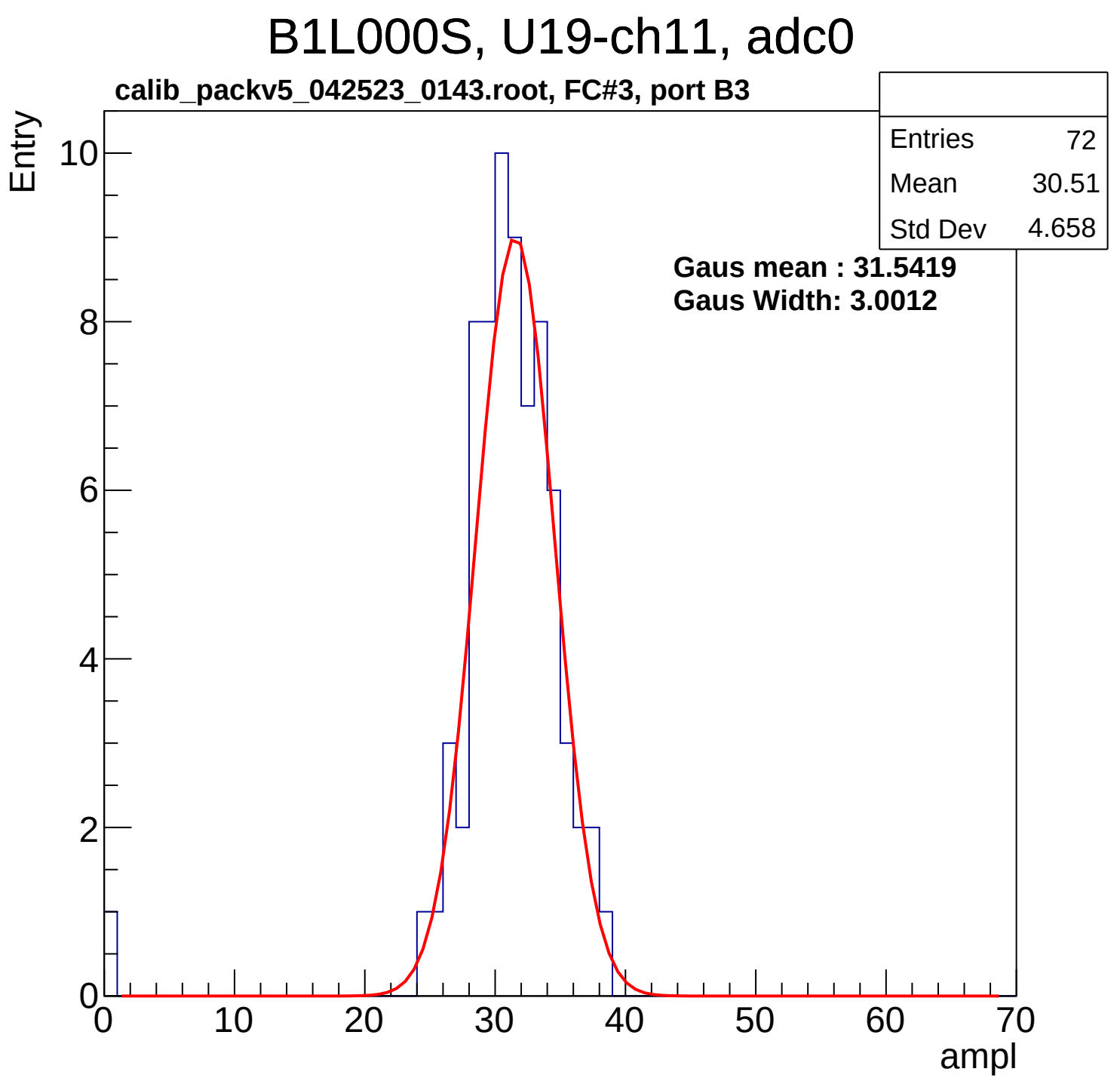
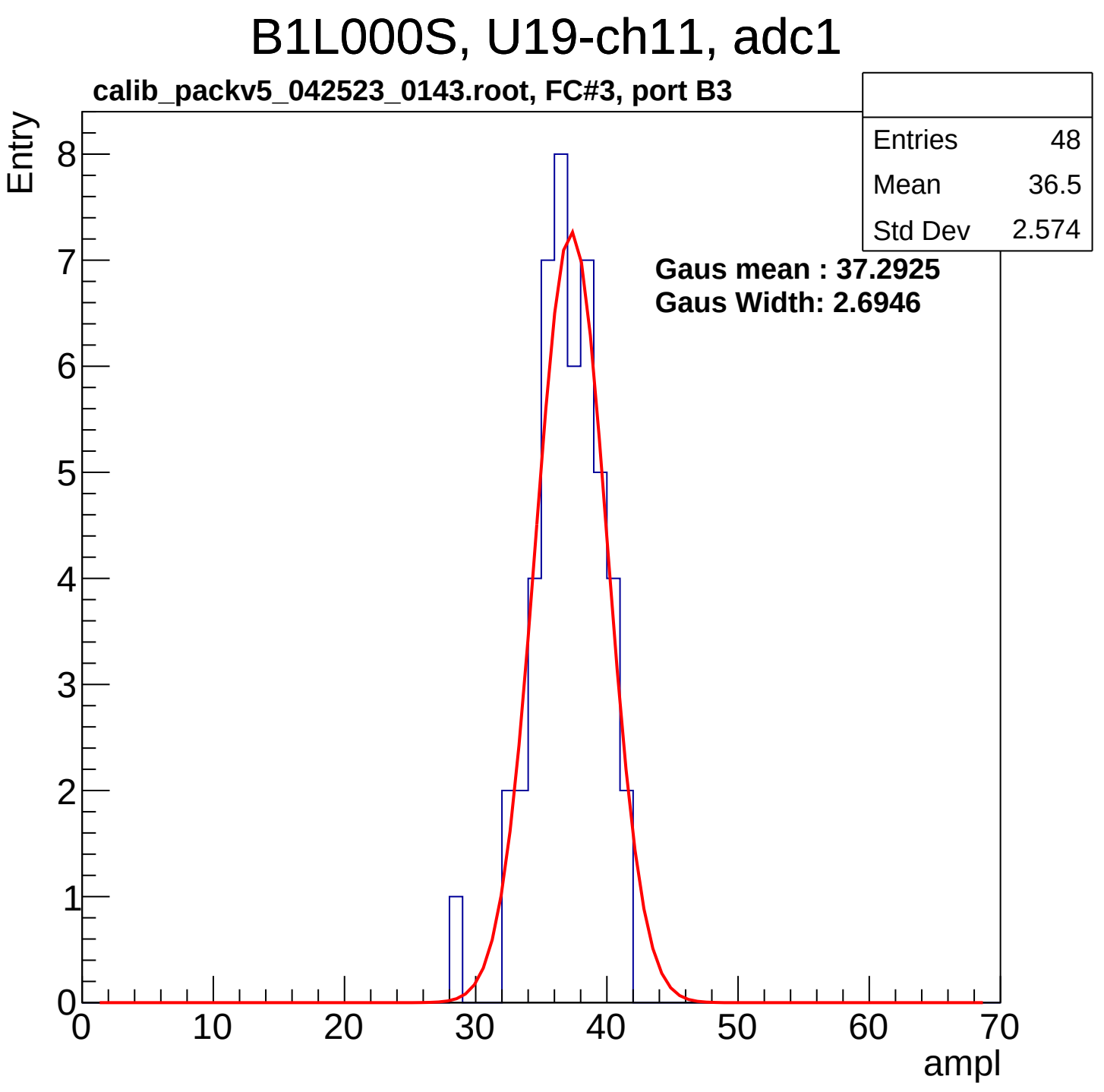

B1L000S, U19-ch11, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 30.51
Std Dev 4.658
Gaus mean : 31.5419
Gaus Width: 3.0012
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch11, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 36.5
Std Dev 2.574
Gaus mean : 37.2925
Gaus Width: 2.6946
Entry
ampl
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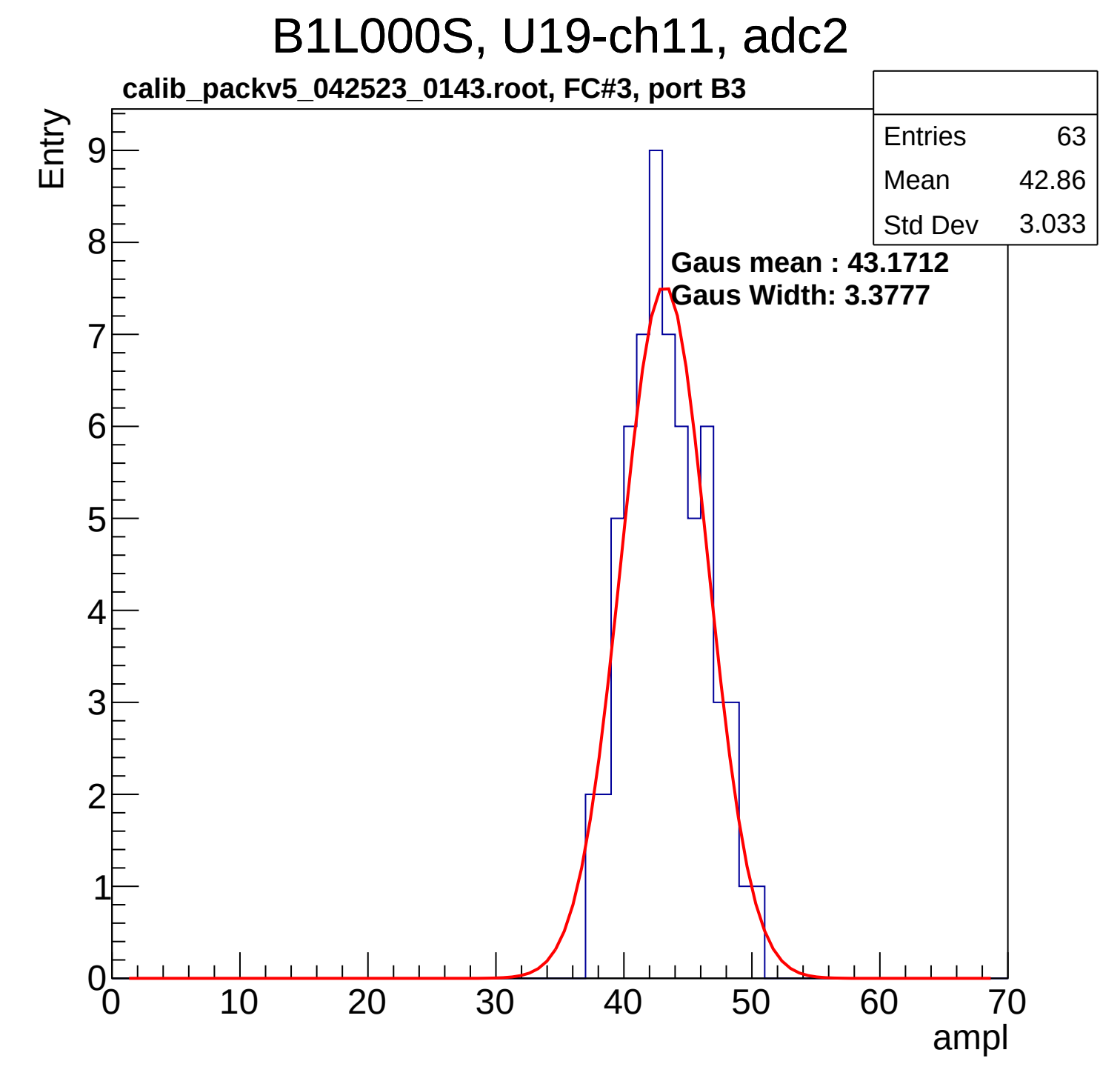
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch11, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 42.86
Std Dev 3.033
Gaus mean : 43.1712
Gaus Width: 3.3777
Entry
ampl
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3
4
5
6
7
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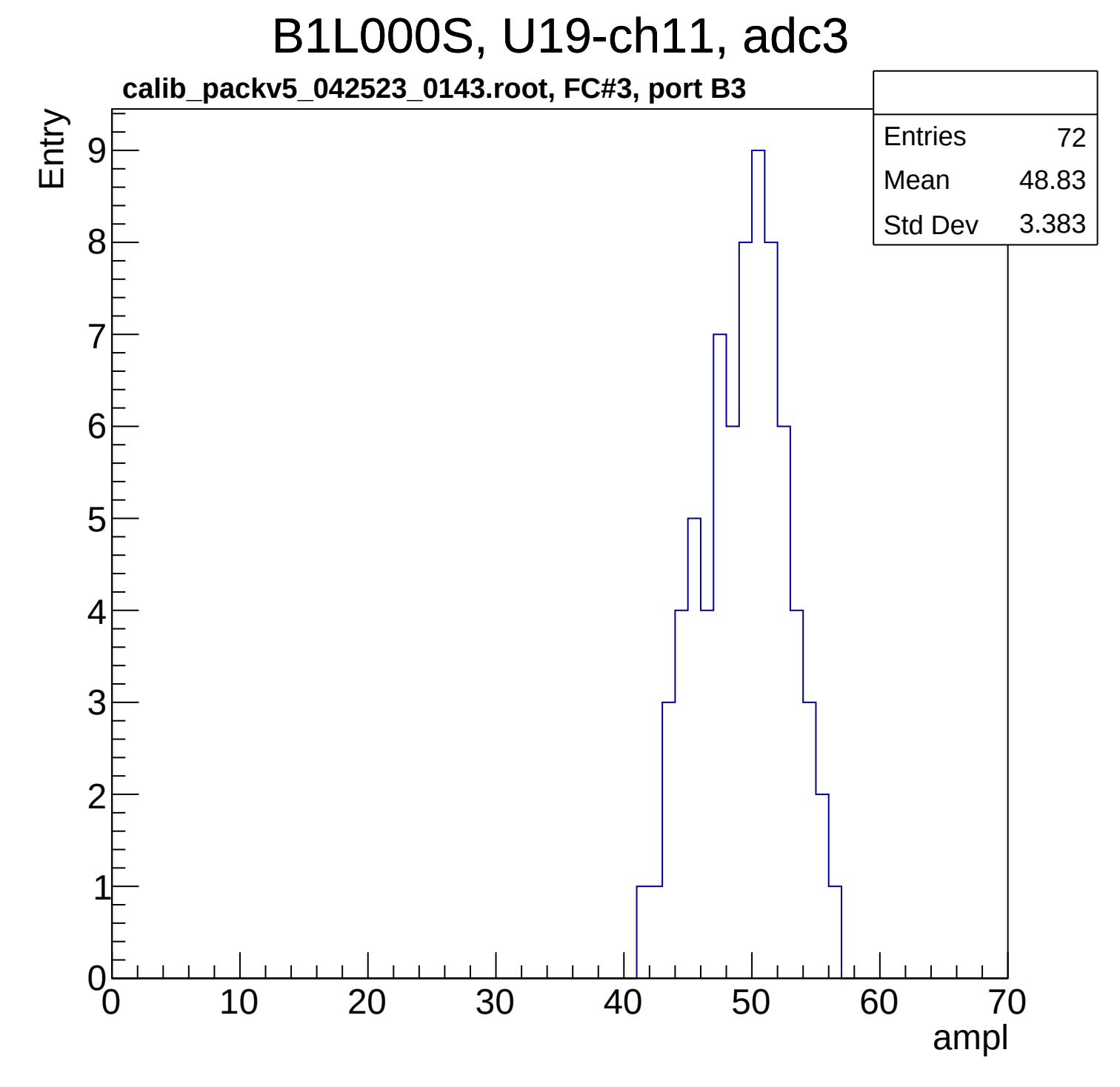
B1L000S, U19-ch11, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 48.83
Std Dev 3.383
Entry
ampl
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2
3
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5
6
7
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0
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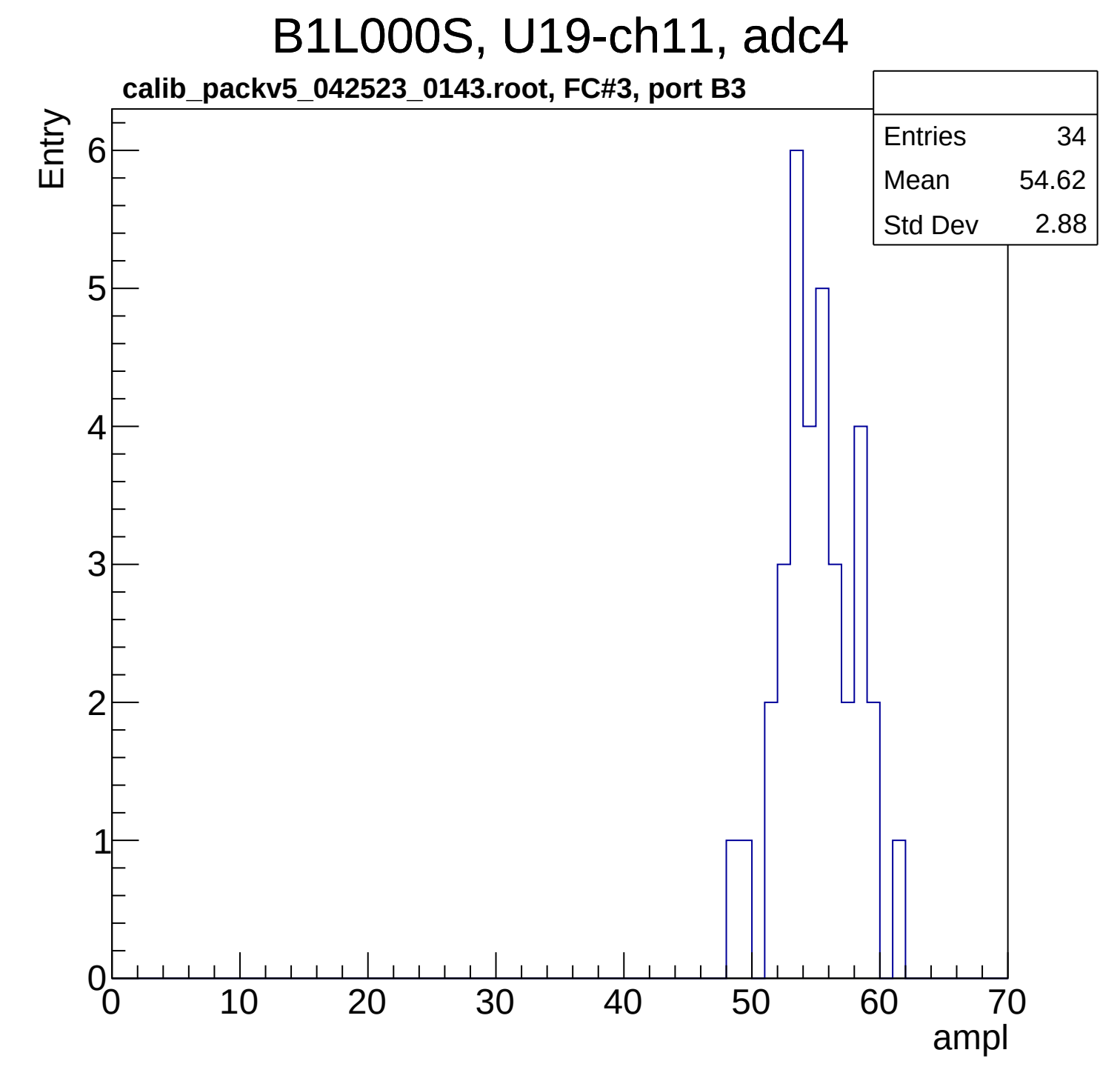
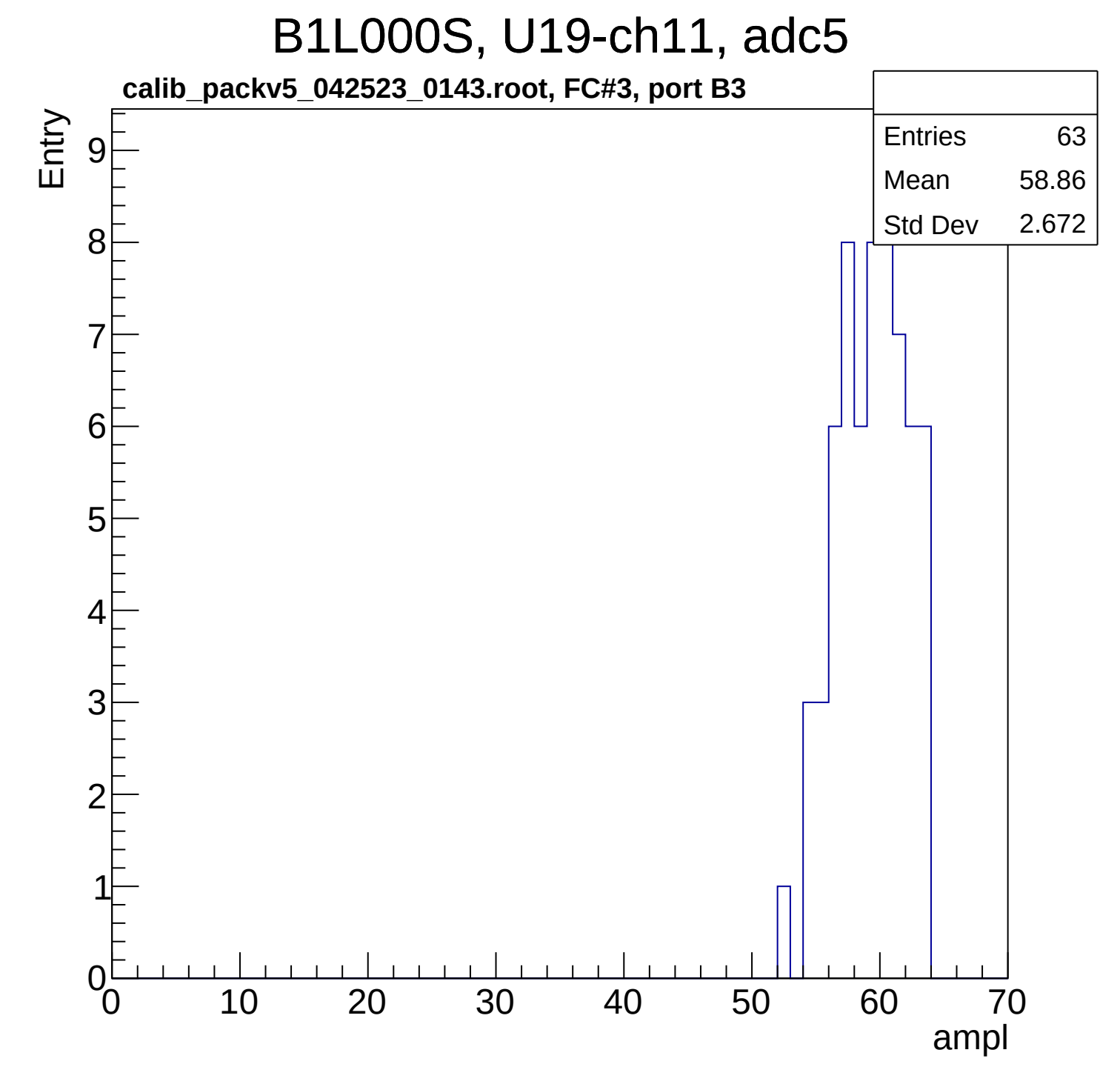

B1L000S, U19-ch11, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 34
Mean 54.62
Std Dev 2.88
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch11, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 58.86
Std Dev 2.672
Entry
ampl
0
1
2
3
4
5
6
7
8
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0
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60
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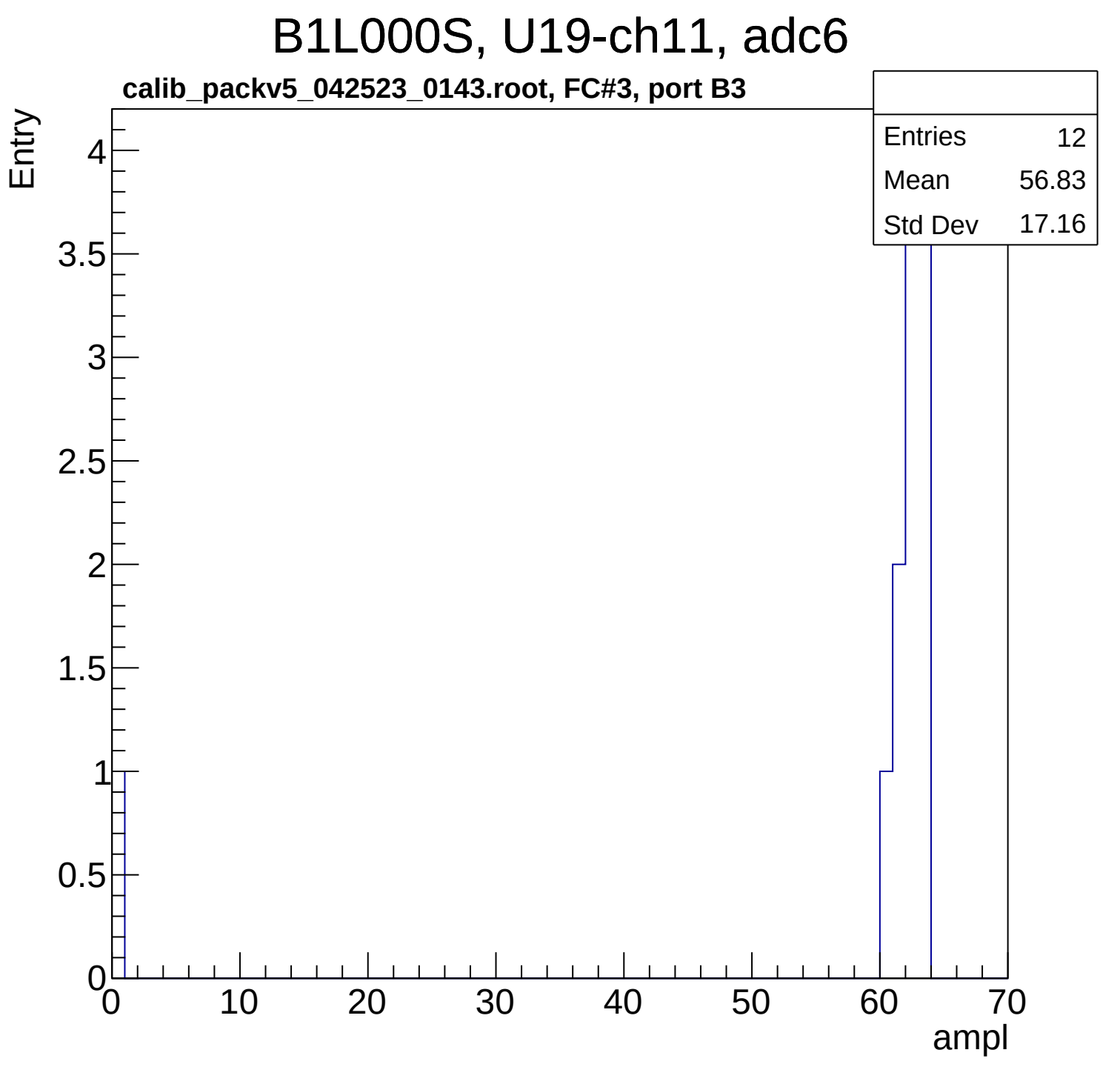
B1L000S, U19-ch11, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 56.83
Std Dev 17.16
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
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60
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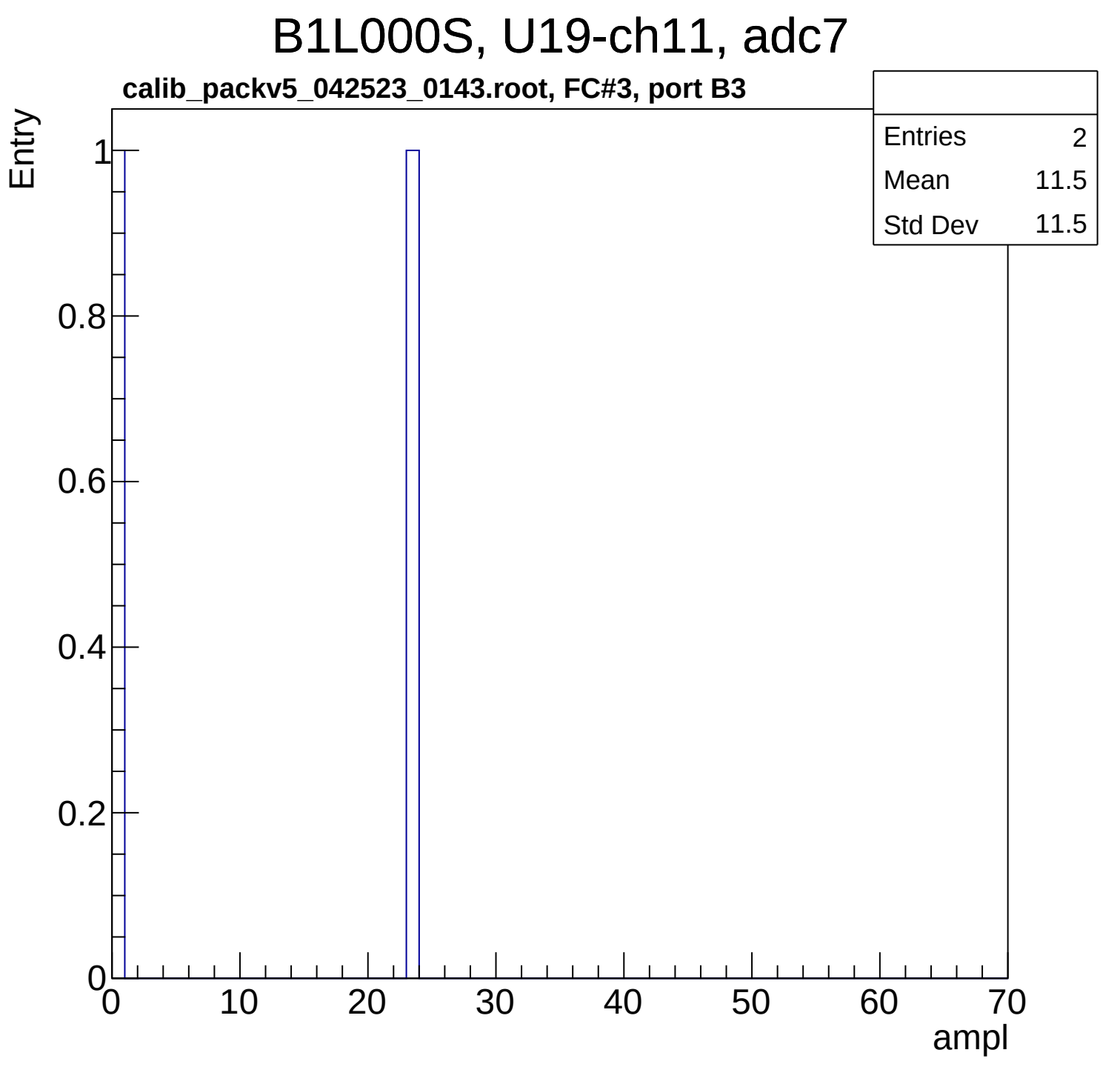
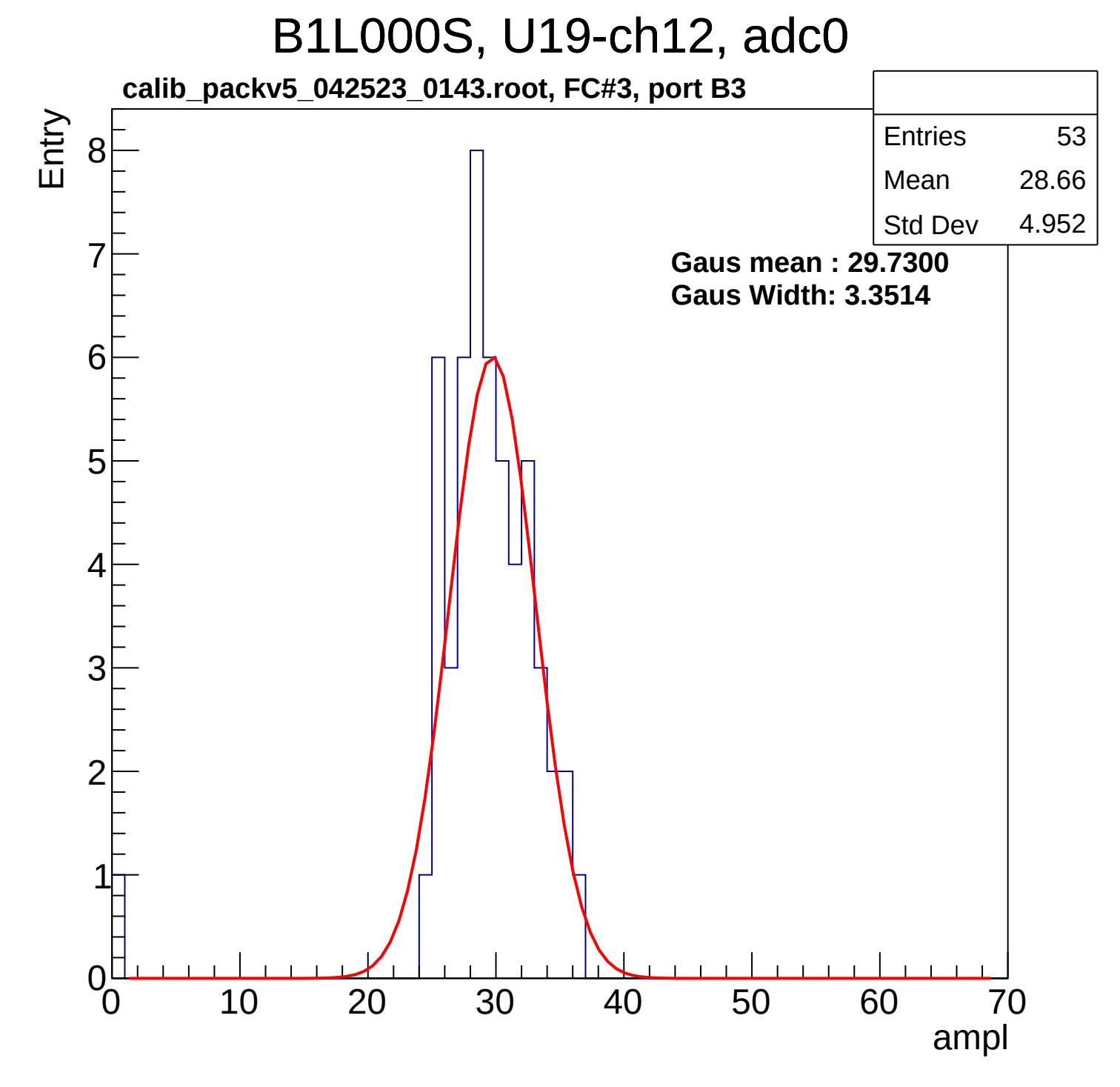
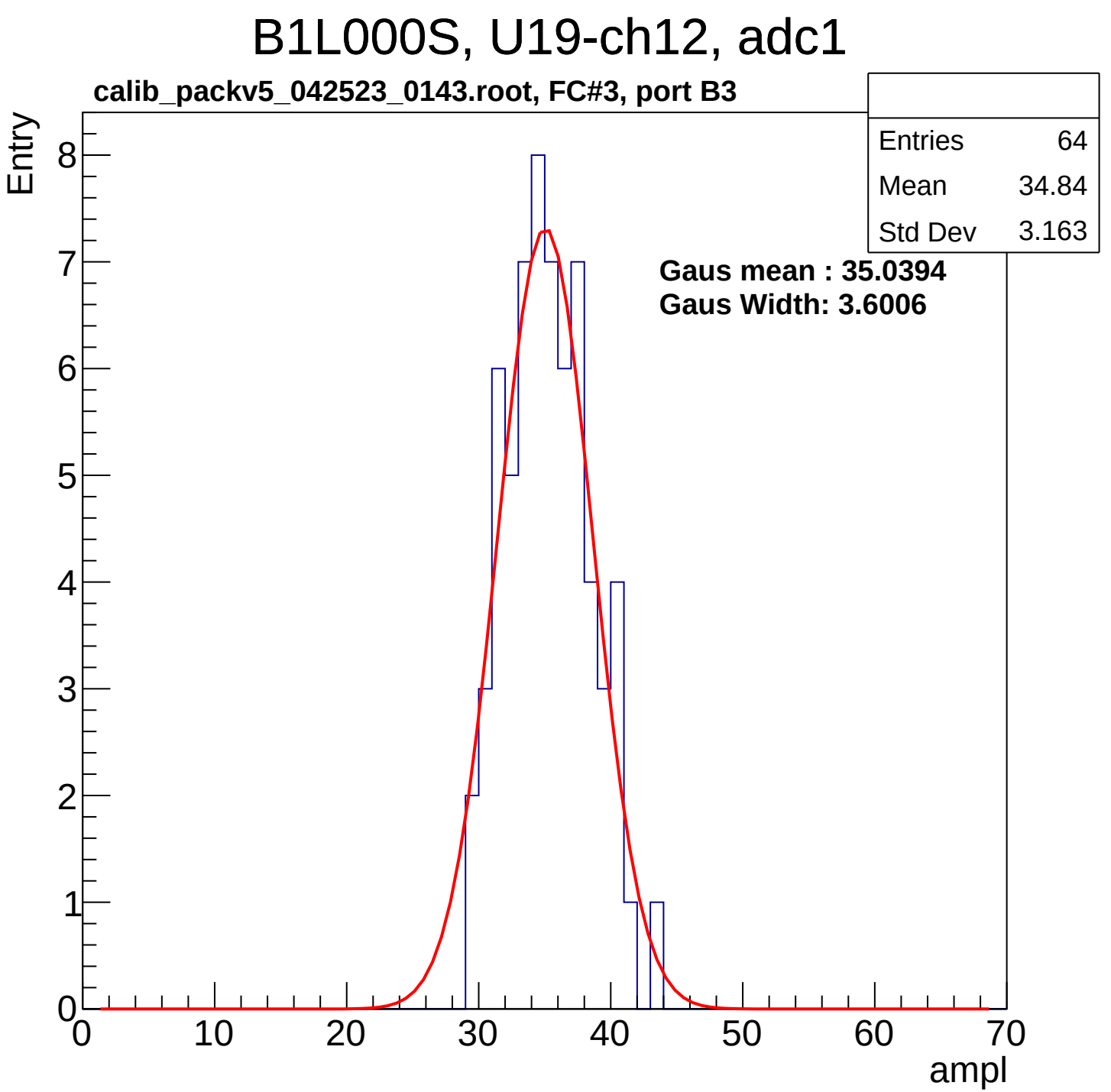

B1L000S, U19-ch11, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 11.5
Std Dev 11.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch12, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 28.66
Std Dev 4.952
Gaus mean : 29.7300
Gaus Width: 3.3514
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch12, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 34.84
Std Dev 3.163
Gaus mean : 35.0394
Gaus Width: 3.6006
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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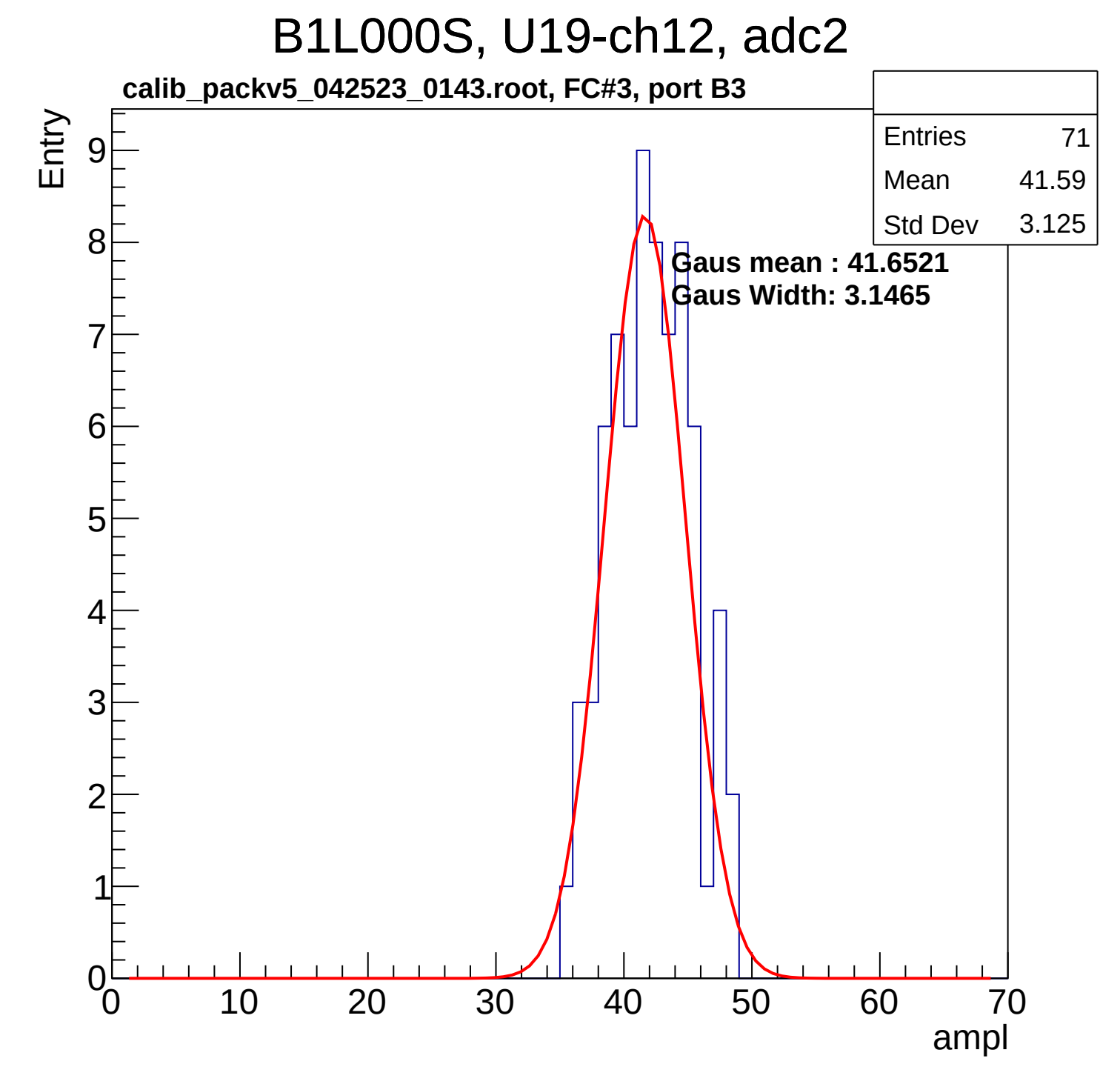
B1L000S, U19-ch12, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 41.59
Std Dev 3.125
Gaus mean : 41.6521
Gaus Width: 3.1465
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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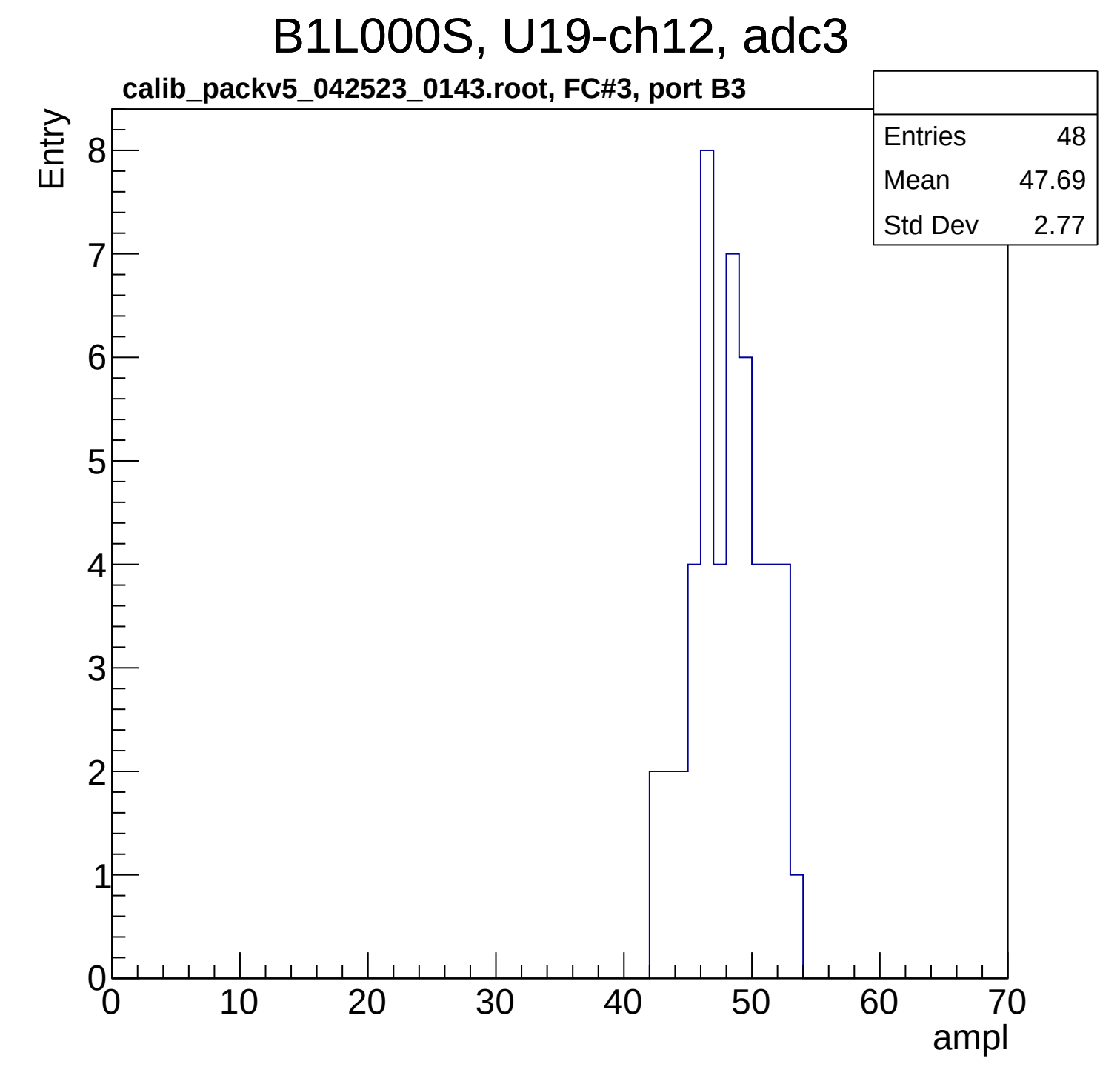
B1L000S, U19-ch12, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 47.69
Std Dev 2.77
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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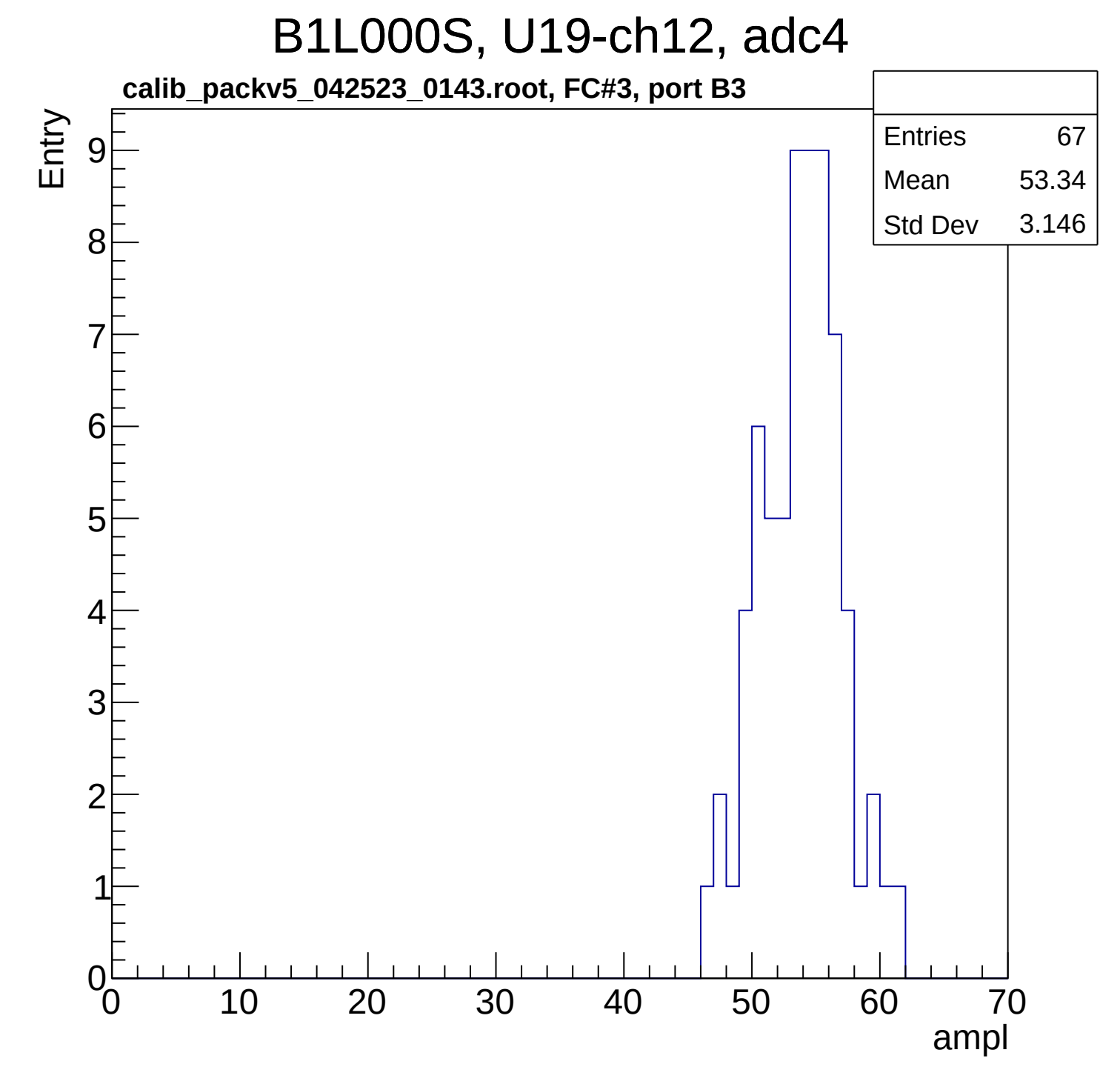
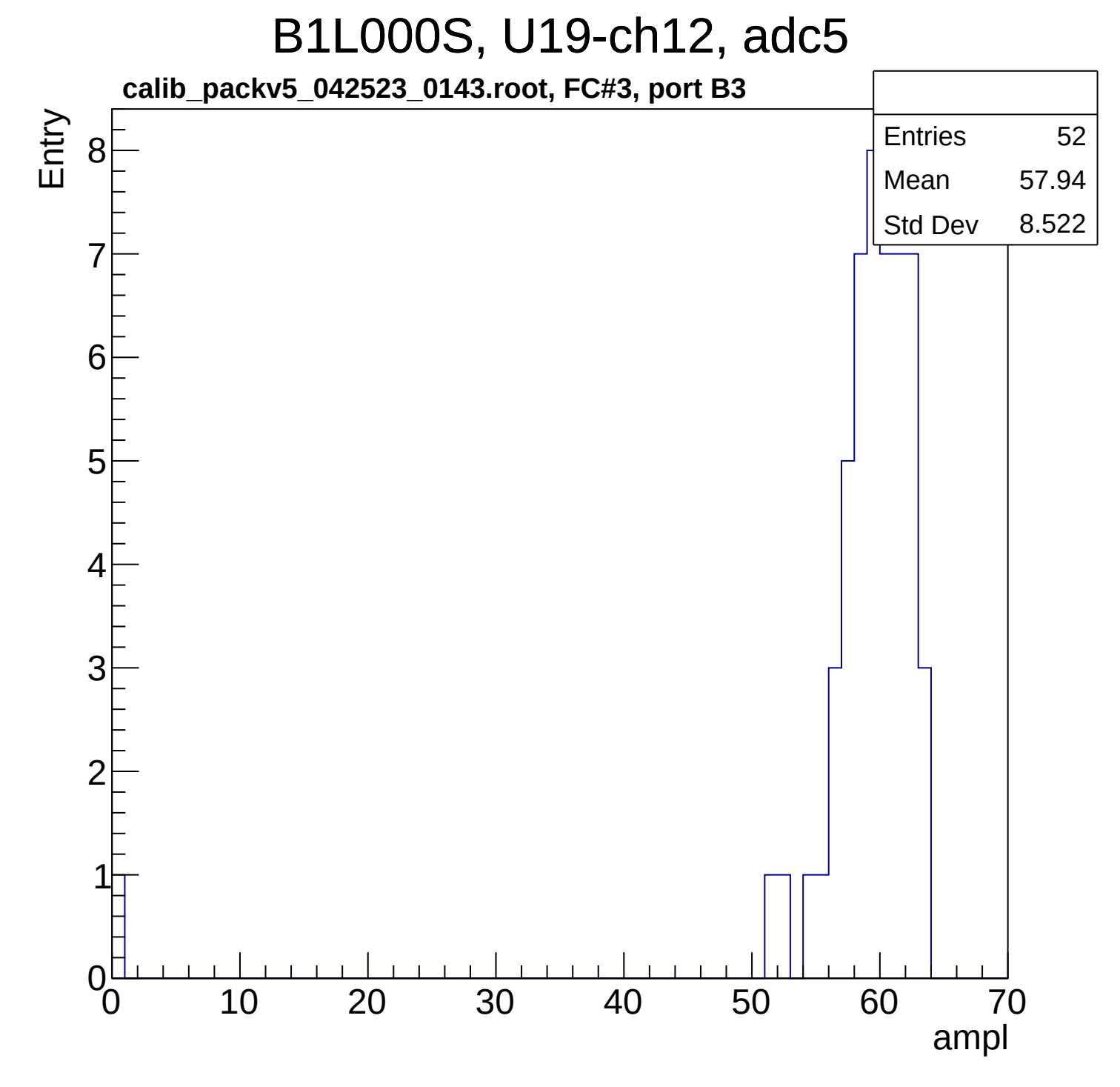
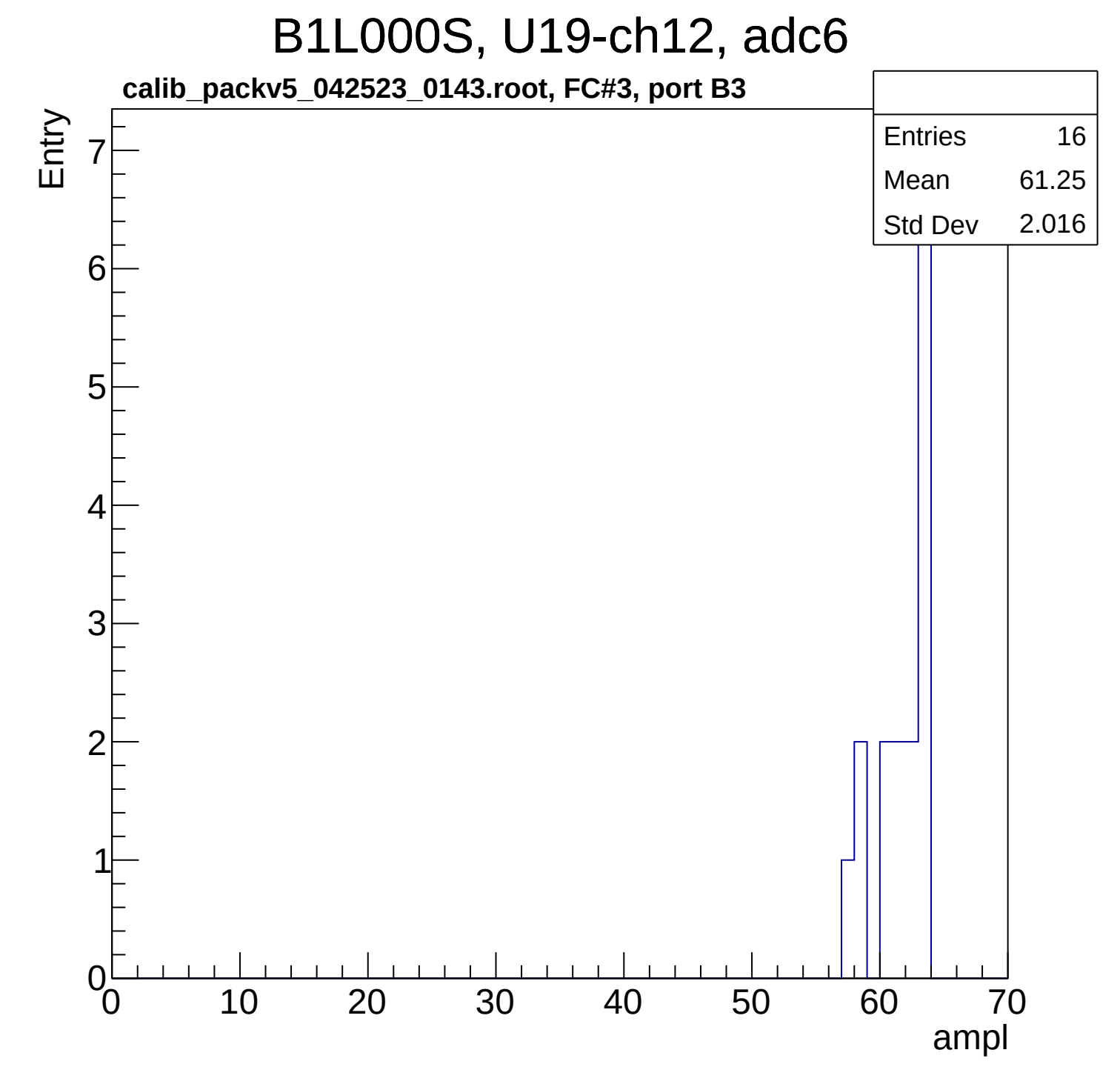
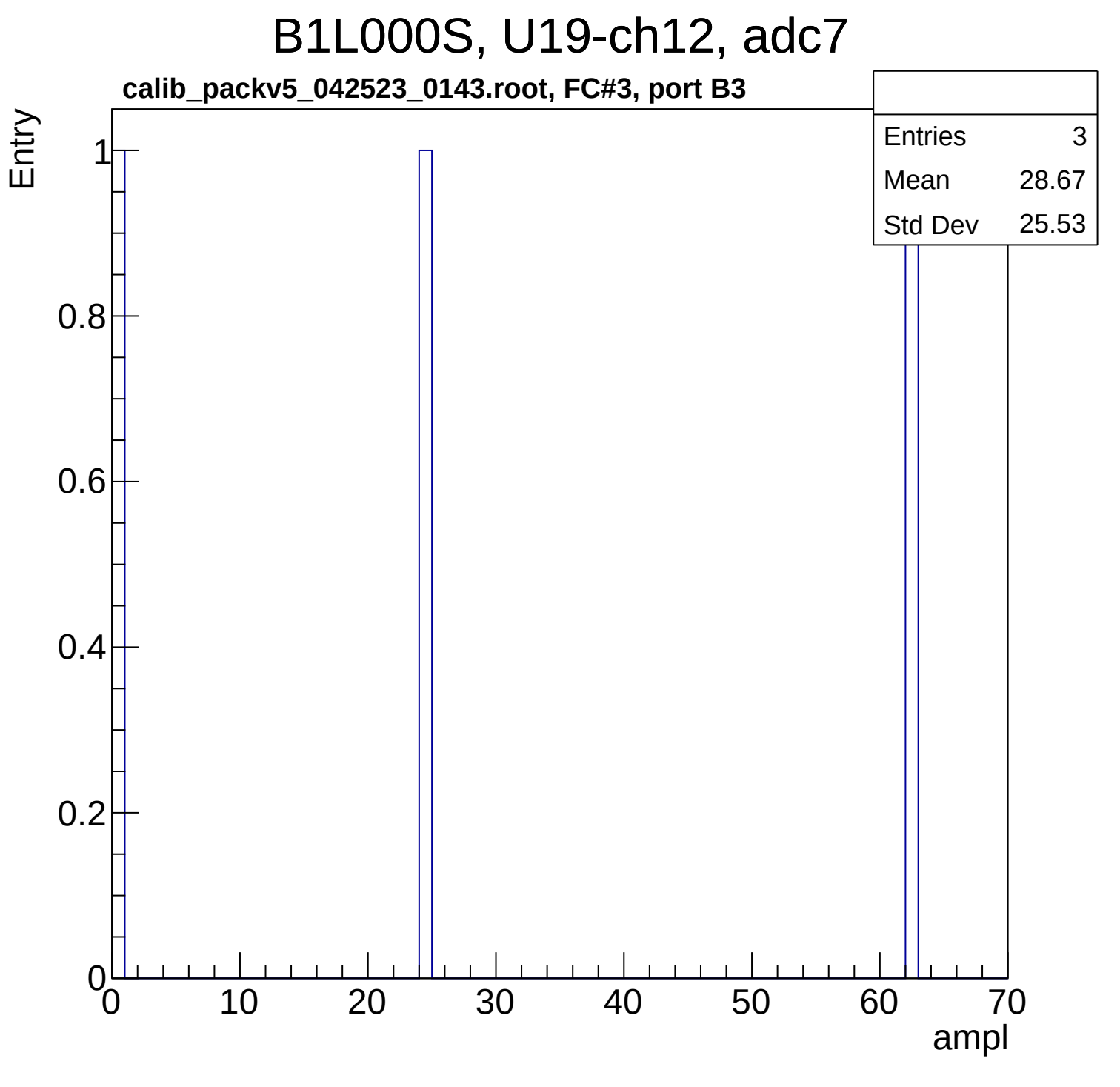

B1L000S, U19-ch12, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 53.34
Std Dev 3.146
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch12, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 57.94
Std Dev 8.522
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch12, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 61.25
Std Dev 2.016
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch12, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 28.67
Std Dev 25.53
Entry
ampl
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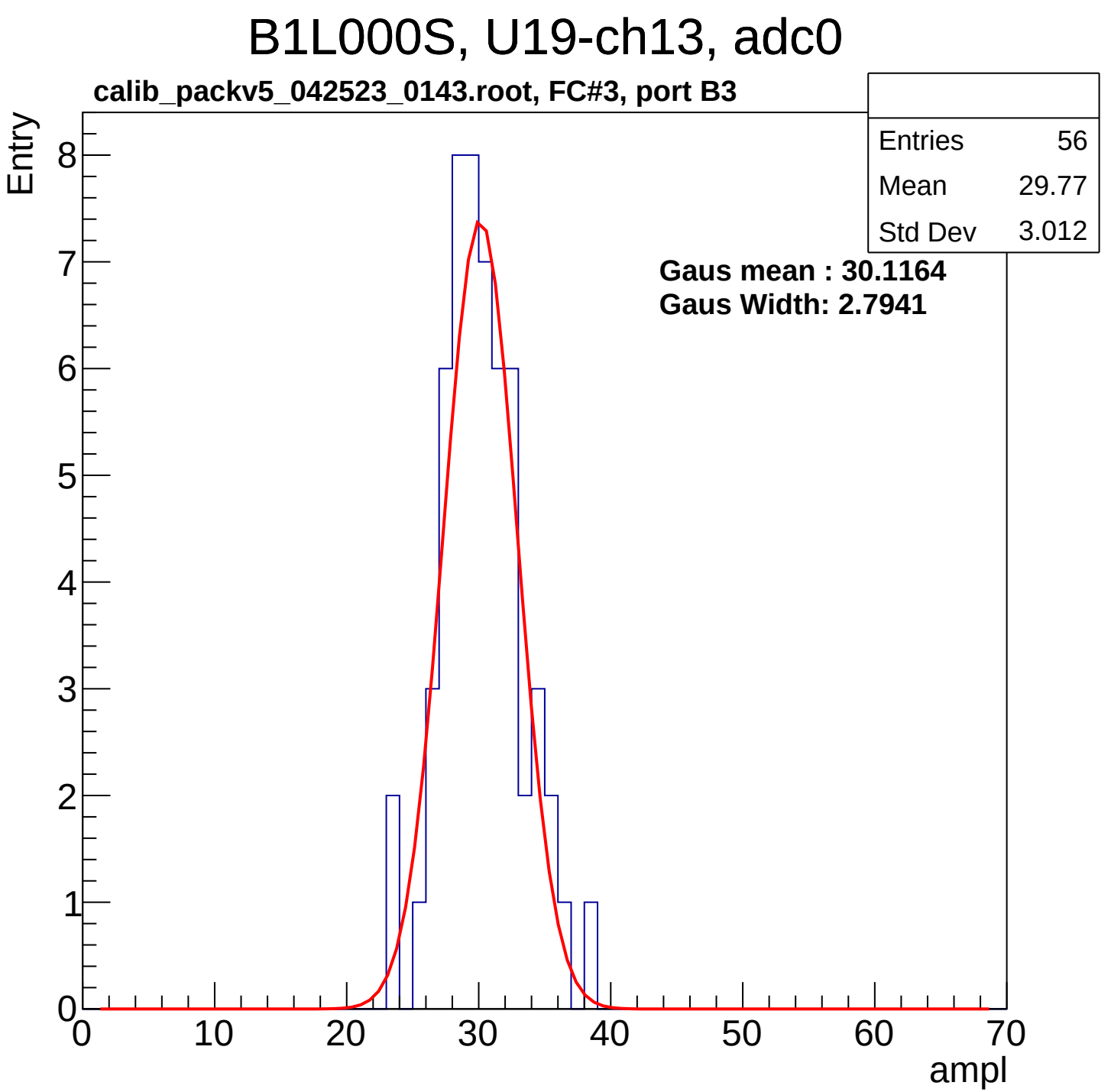
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L000S, U19-ch13, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 29.77
Std Dev 3.012
Gaus mean : 30.1164
Gaus Width: 2.7941
Entry
ampl
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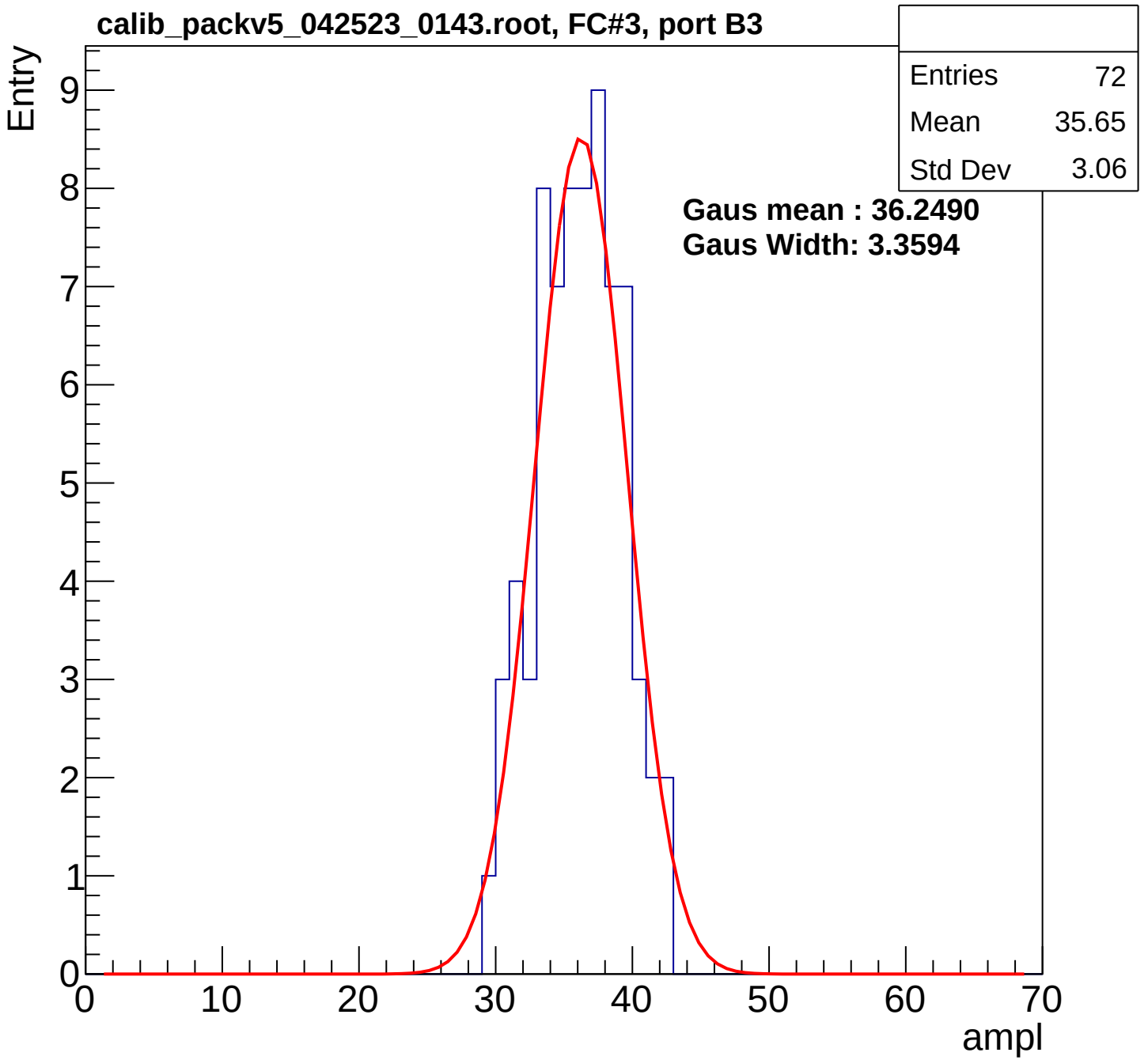
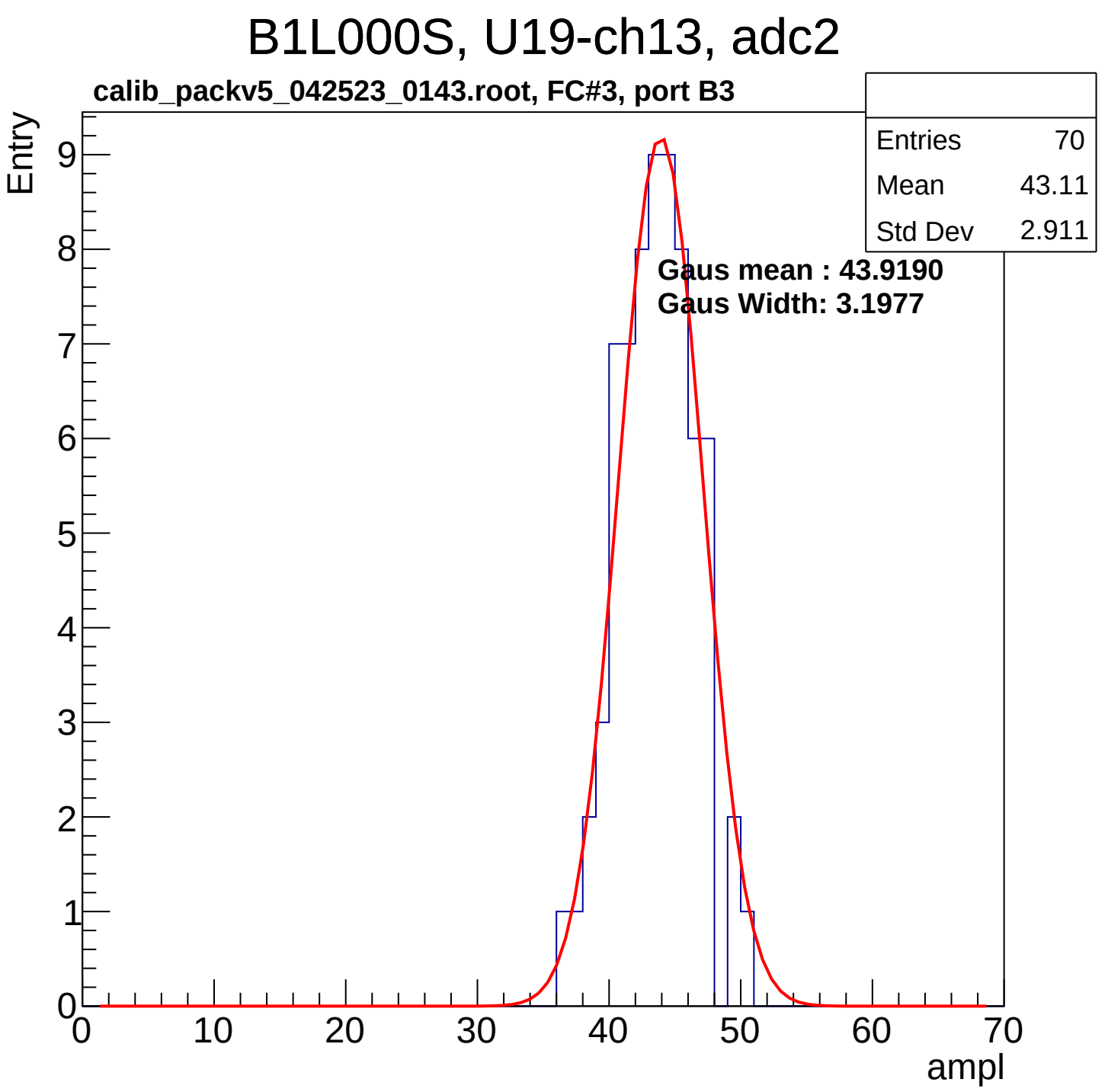
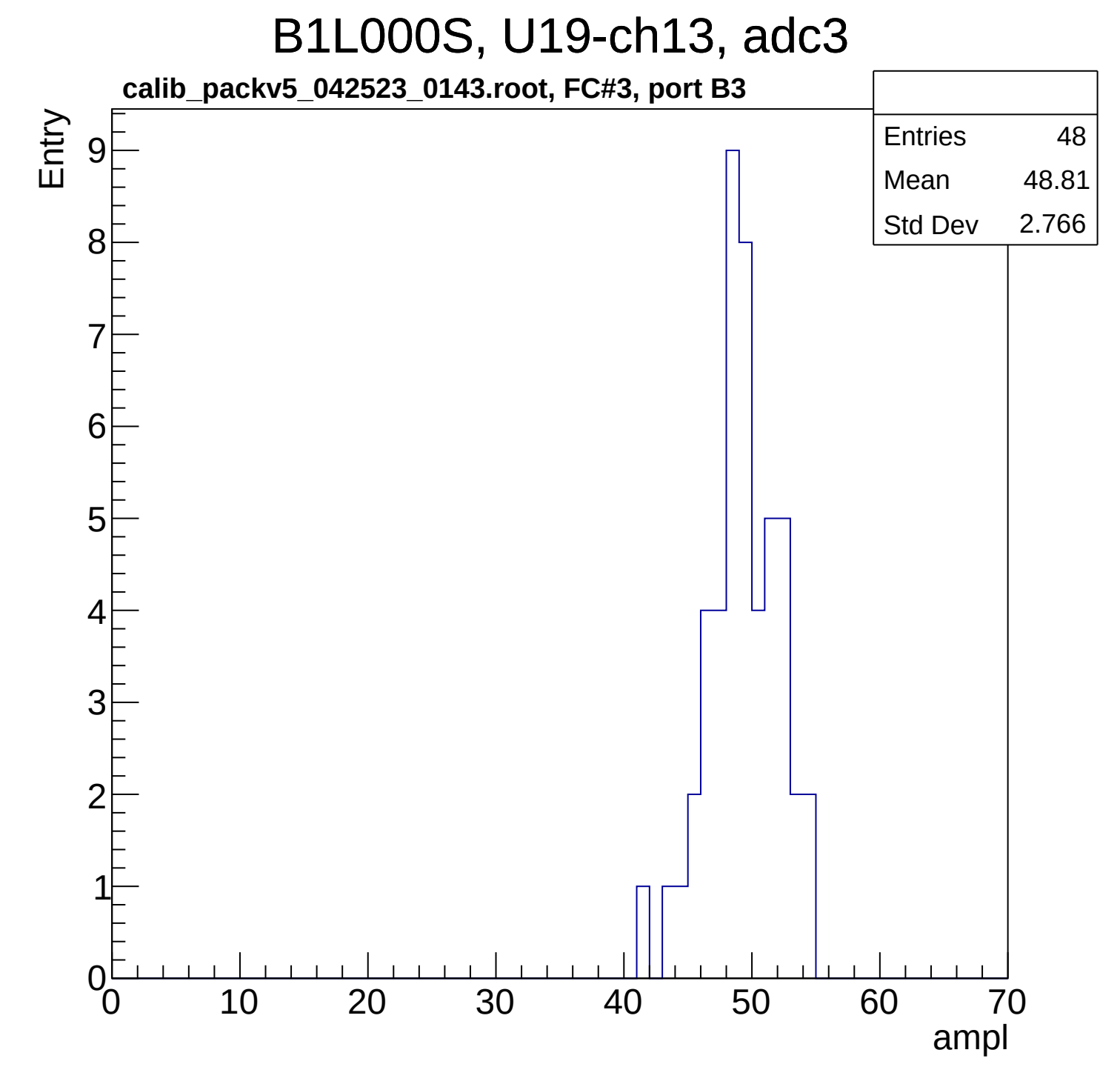
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch13, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 35.65
Std Dev 3.06
Gaus mean : 36.2490
Gaus Width: 3.3594
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch13, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 43.11
Std Dev 2.911
Gaus mean : 43.9190
Gaus Width: 3.1977
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch13, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 48.81
Std Dev 2.766
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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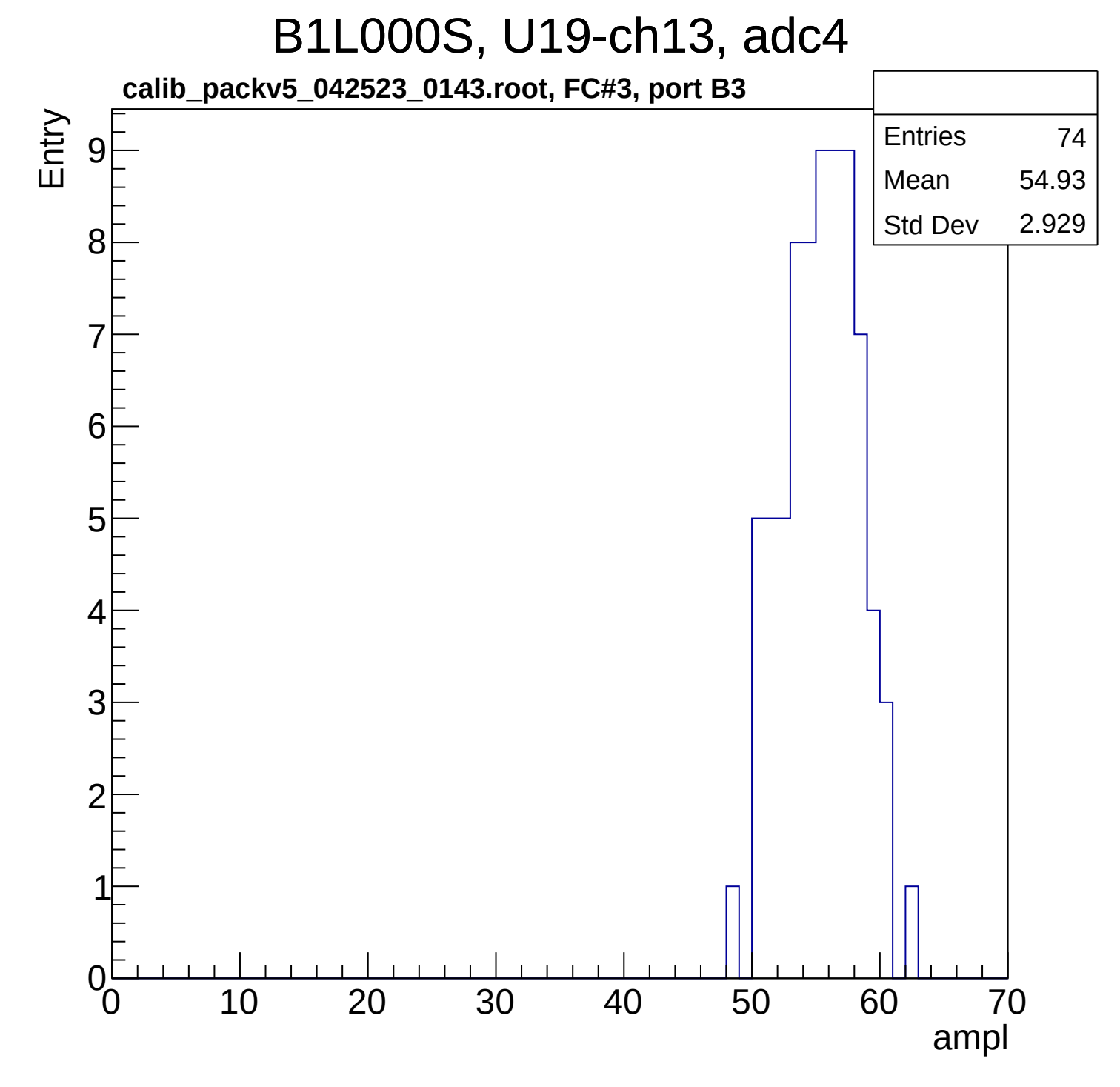
B1L000S, U19-ch13, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 54.93
Std Dev 2.929
Entry
ampl
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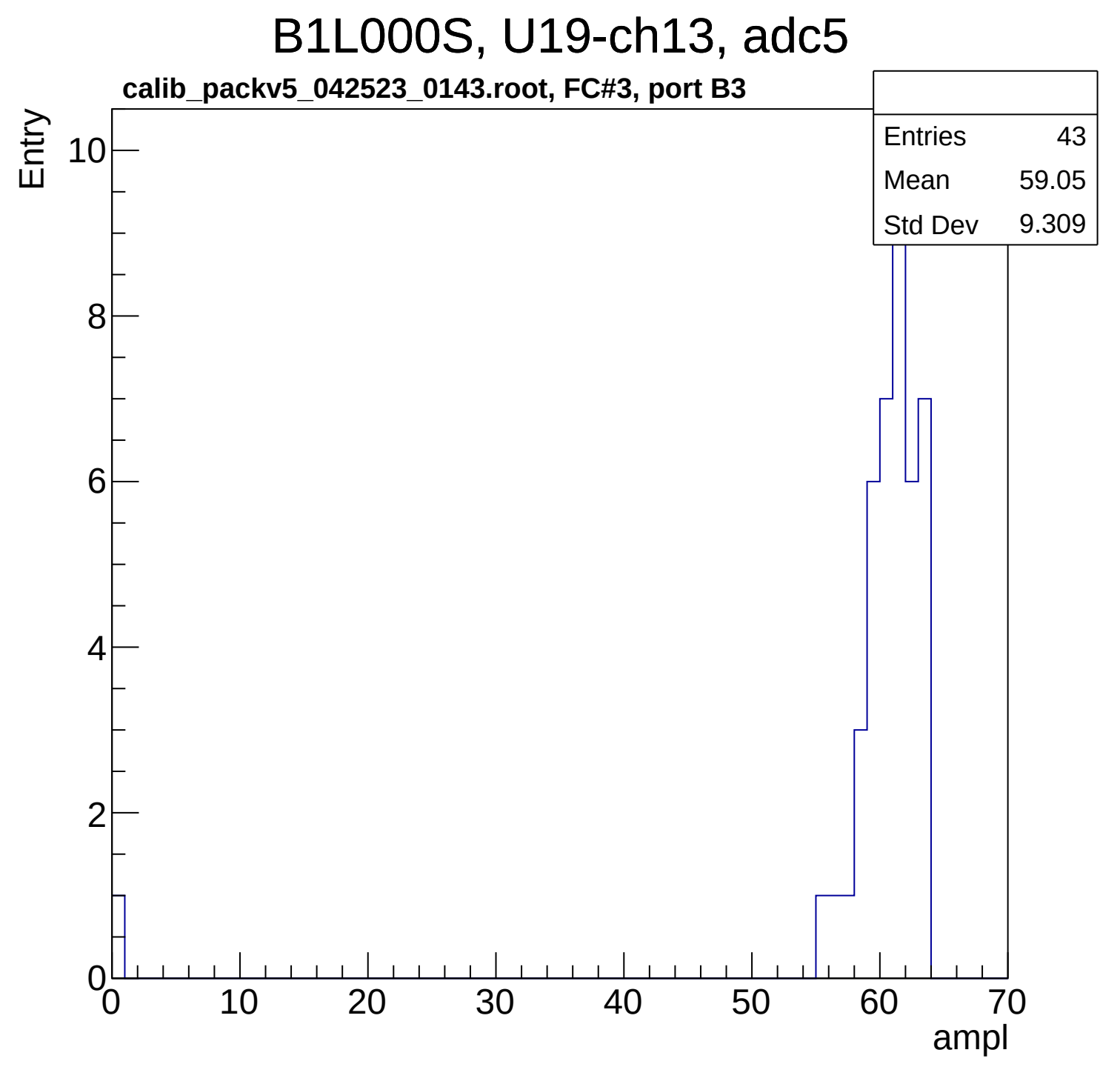
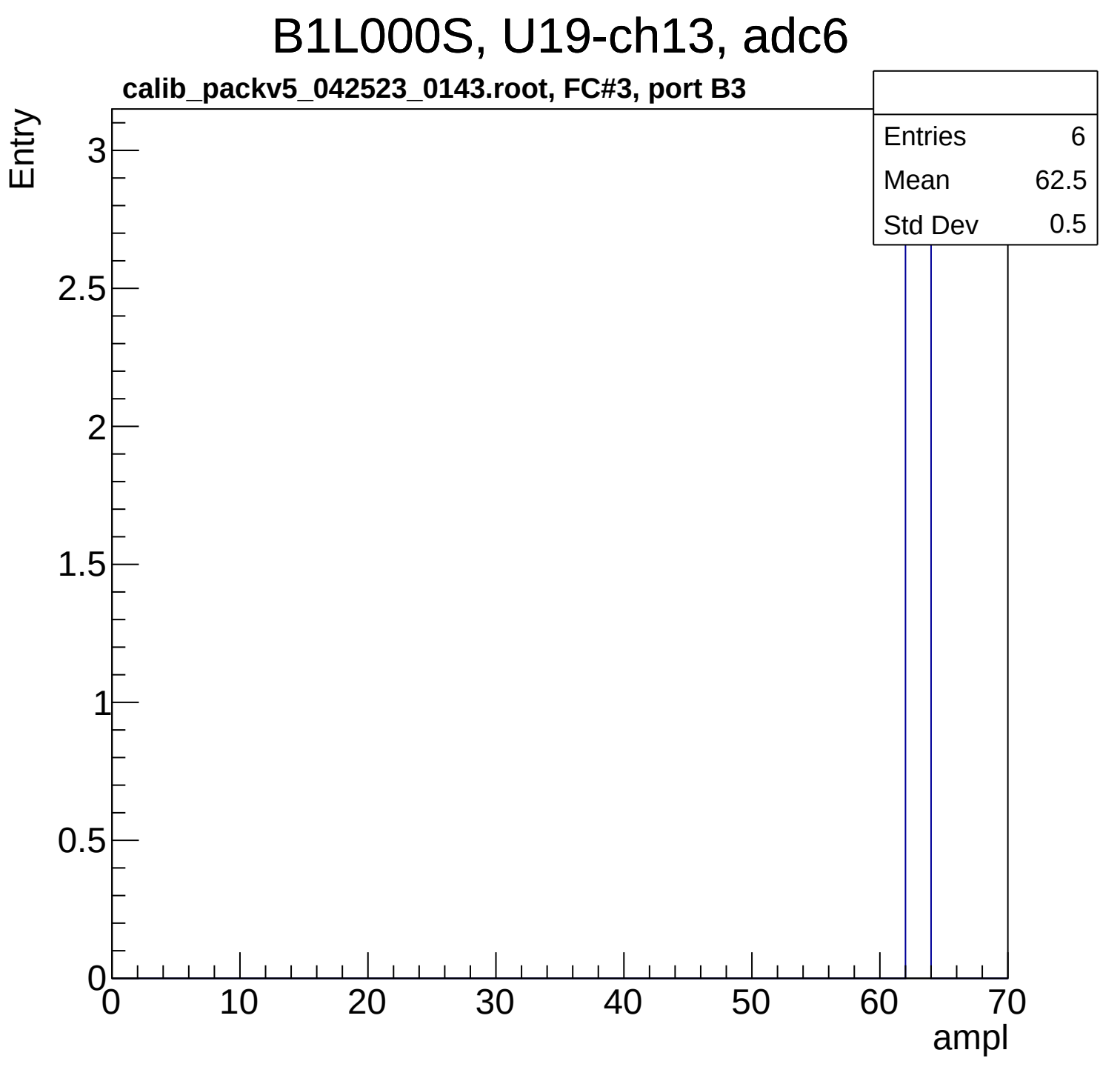
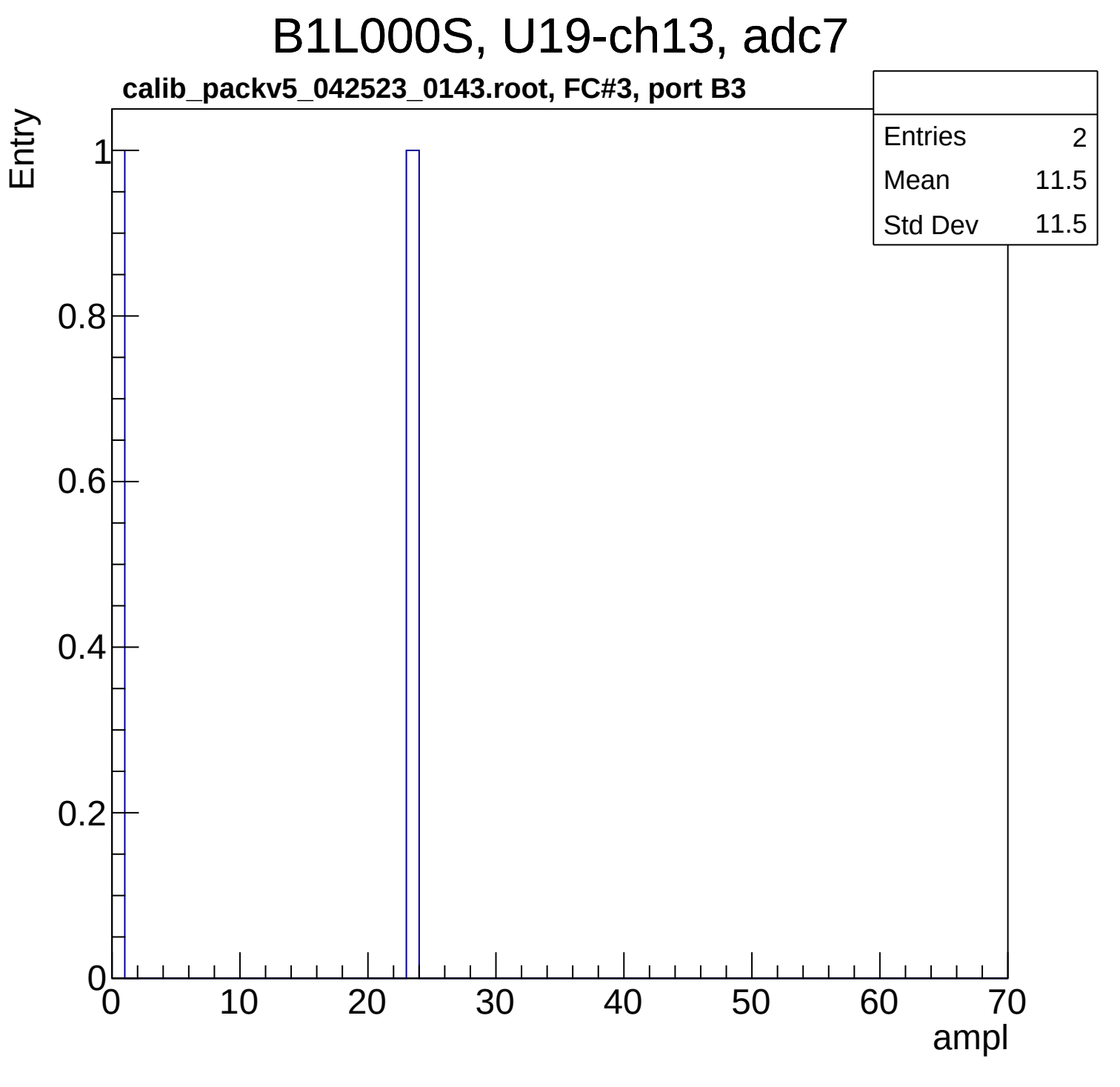
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch13, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 59.05
Std Dev 9.309
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch13, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 62.5
Std Dev 0.5
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch13, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 11.5
Std Dev 11.5
Entry
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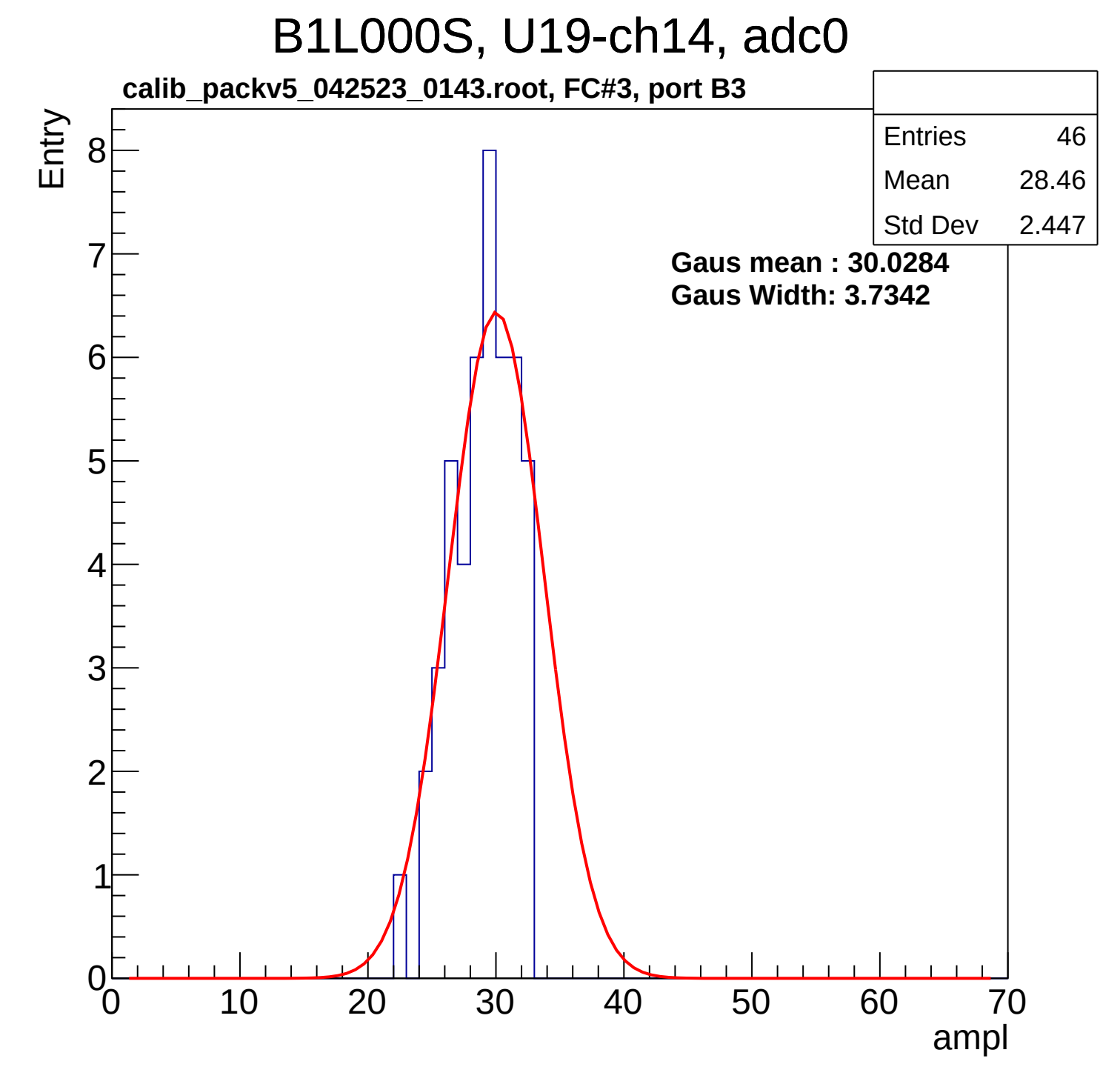
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch14, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 28.46
Std Dev 2.447
Gaus mean : 30.0284
Gaus Width: 3.7342
Entry
ampl
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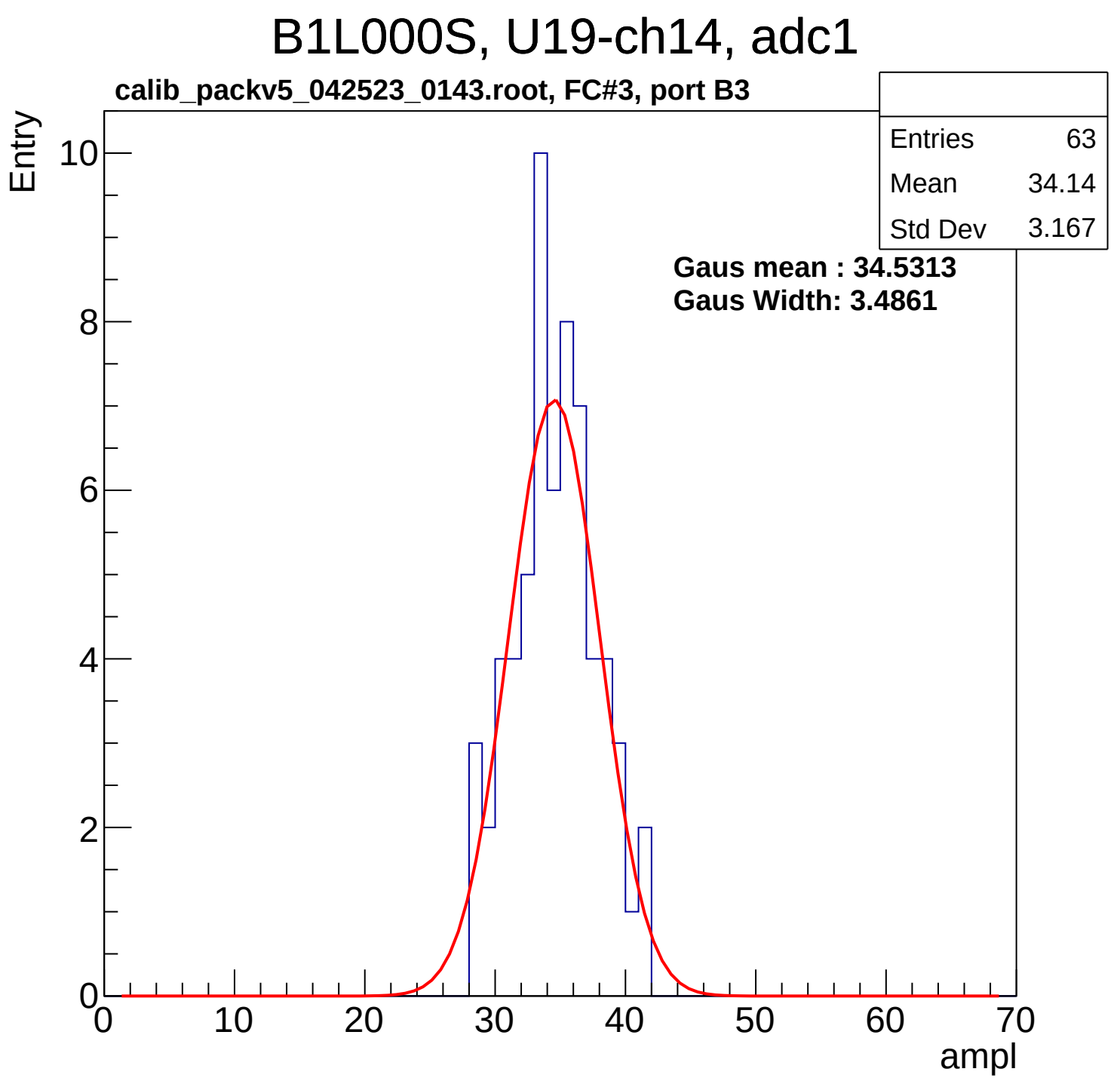
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch14, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 34.14
Std Dev 3.167
Gaus mean : 34.5313
Gaus Width: 3.4861
Entry
ampl
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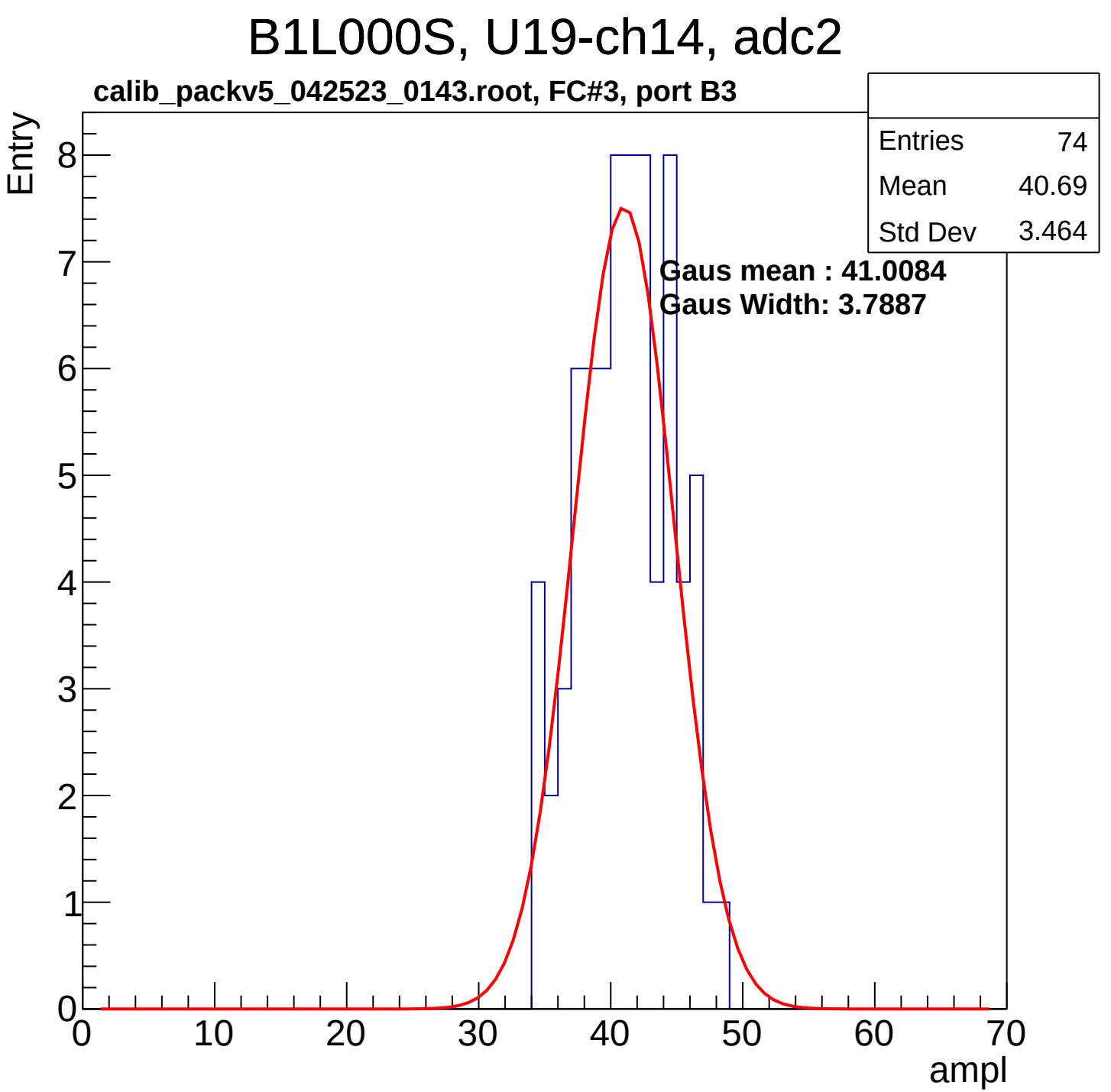
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch14, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 40.69
Std Dev 3.464
Gaus mean : 41.0084
Gaus Width: 3.7887
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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60
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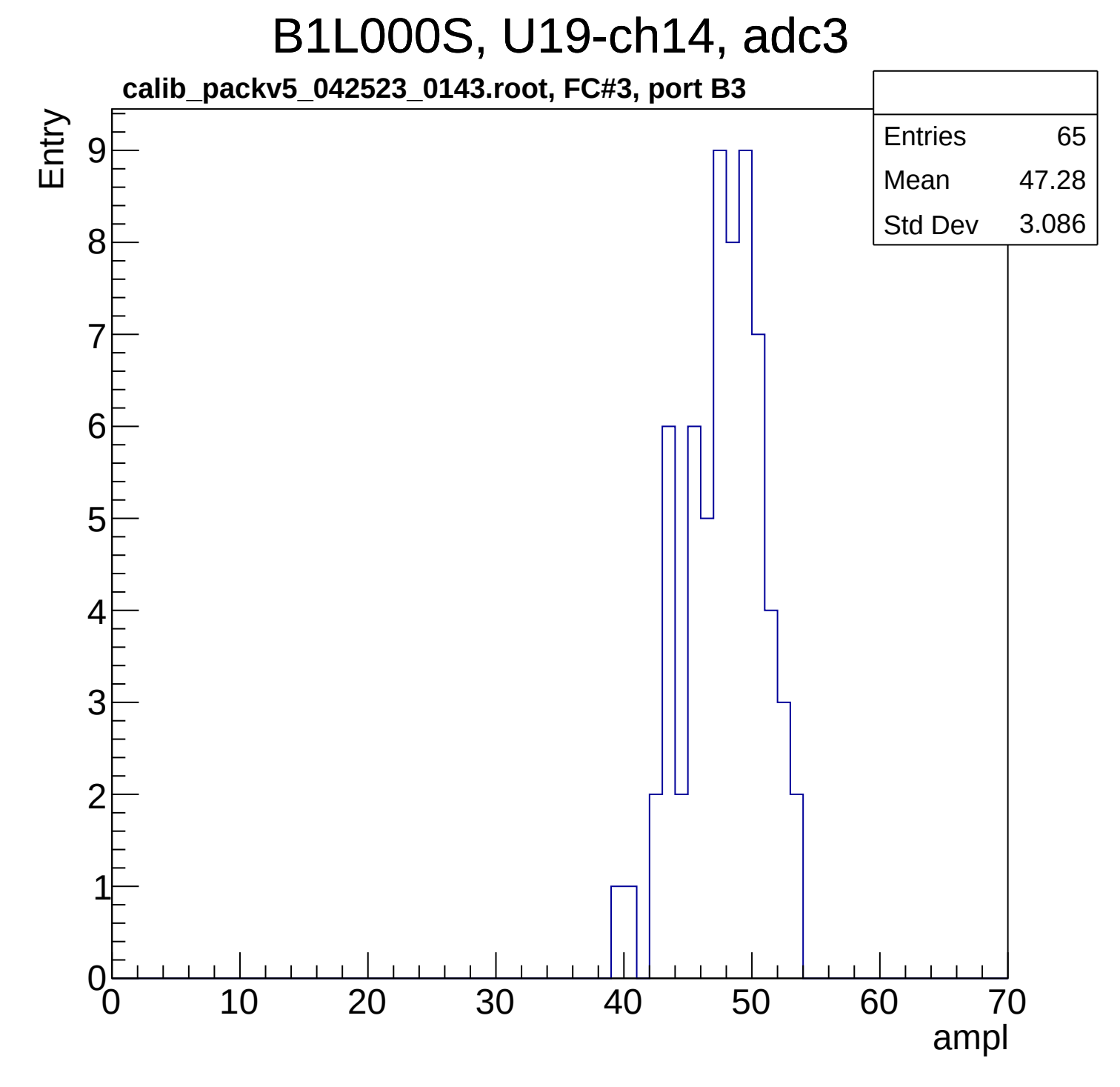
B1L000S, U19-ch14, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 47.28
Std Dev 3.086
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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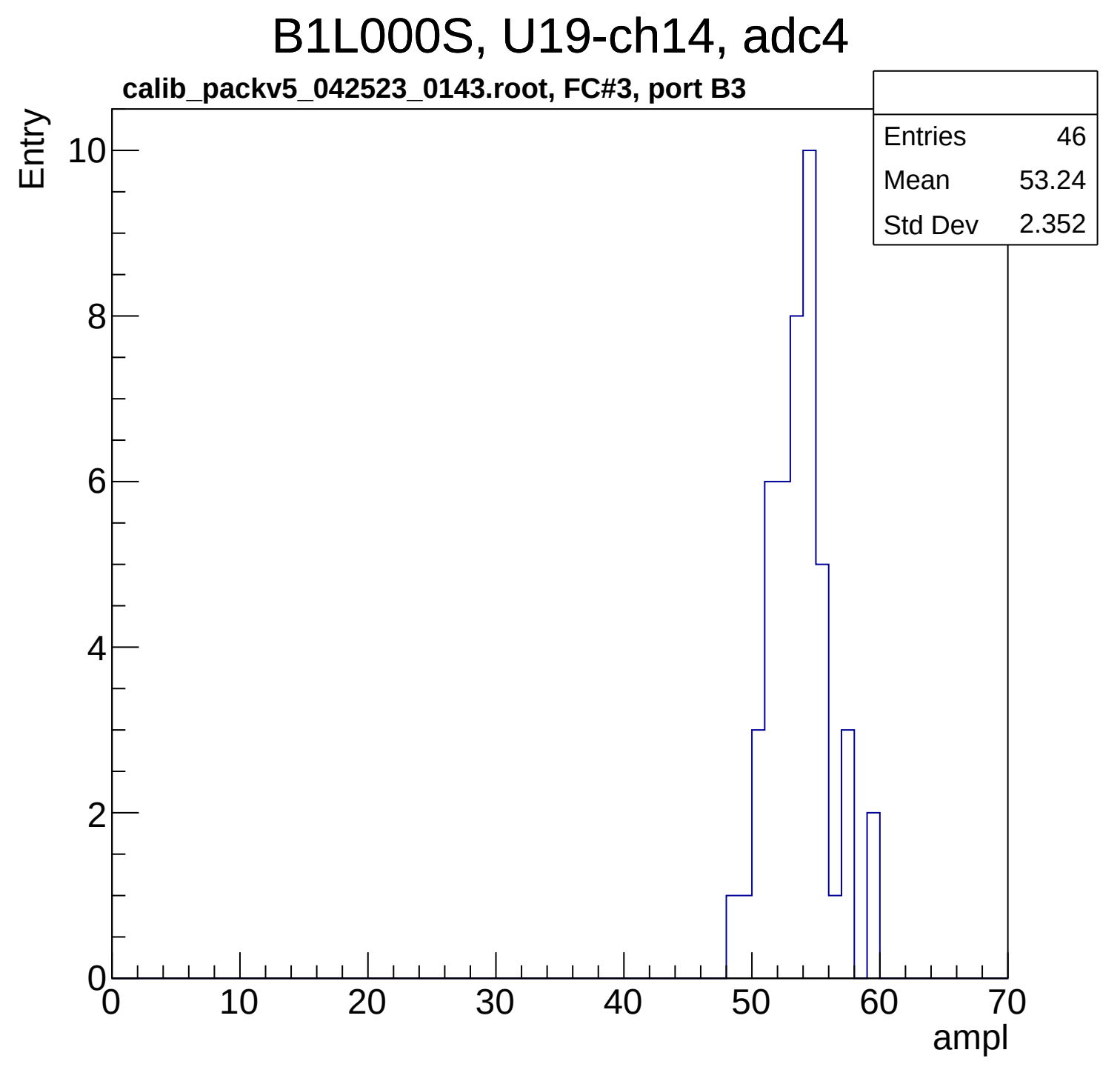
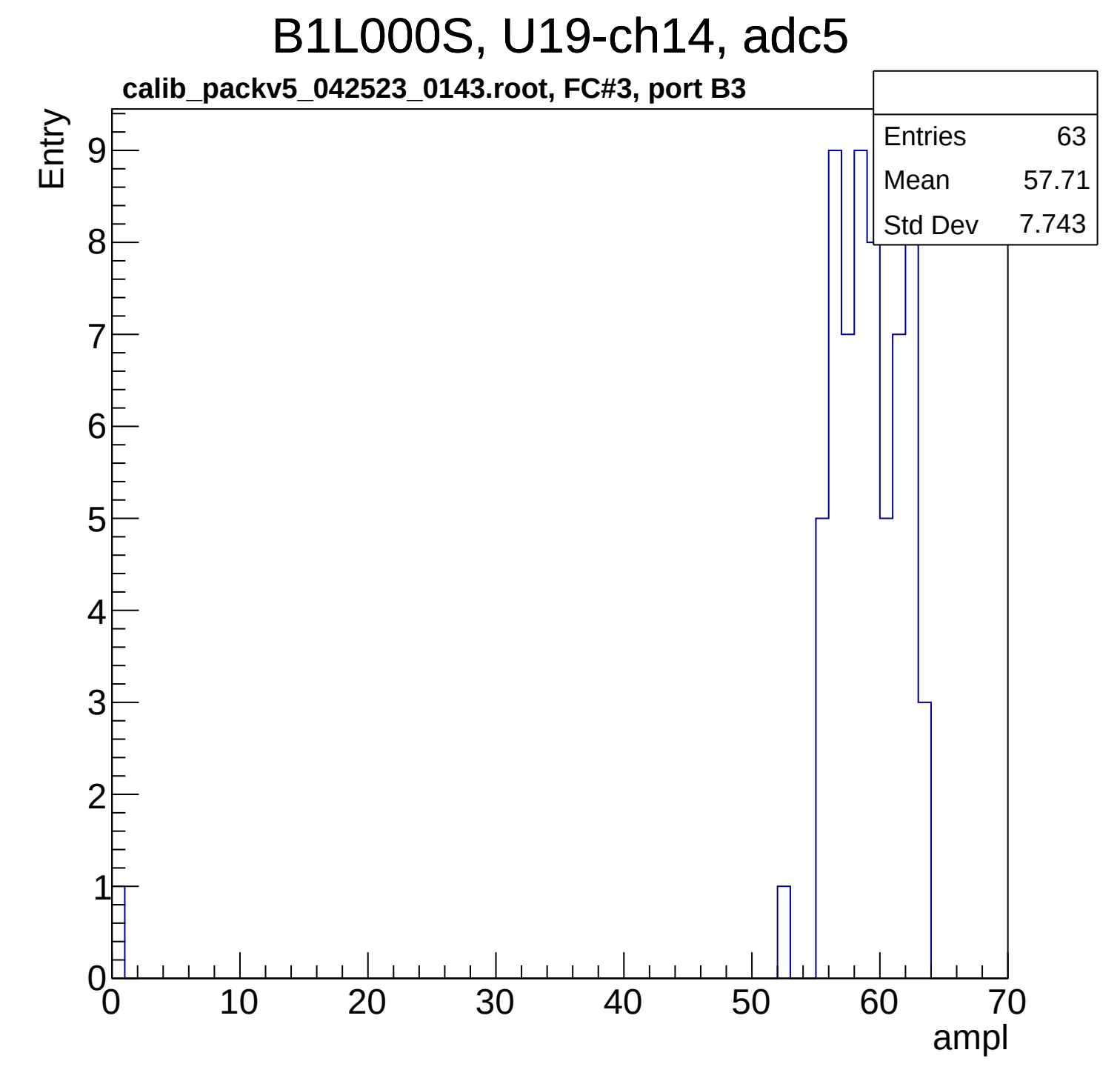

B1L000S, U19-ch14, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 53.24
Std Dev 2.352
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch14, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 57.71
Std Dev 7.743
Entry
ampl
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2
3
4
5
6
7
8
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0
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60
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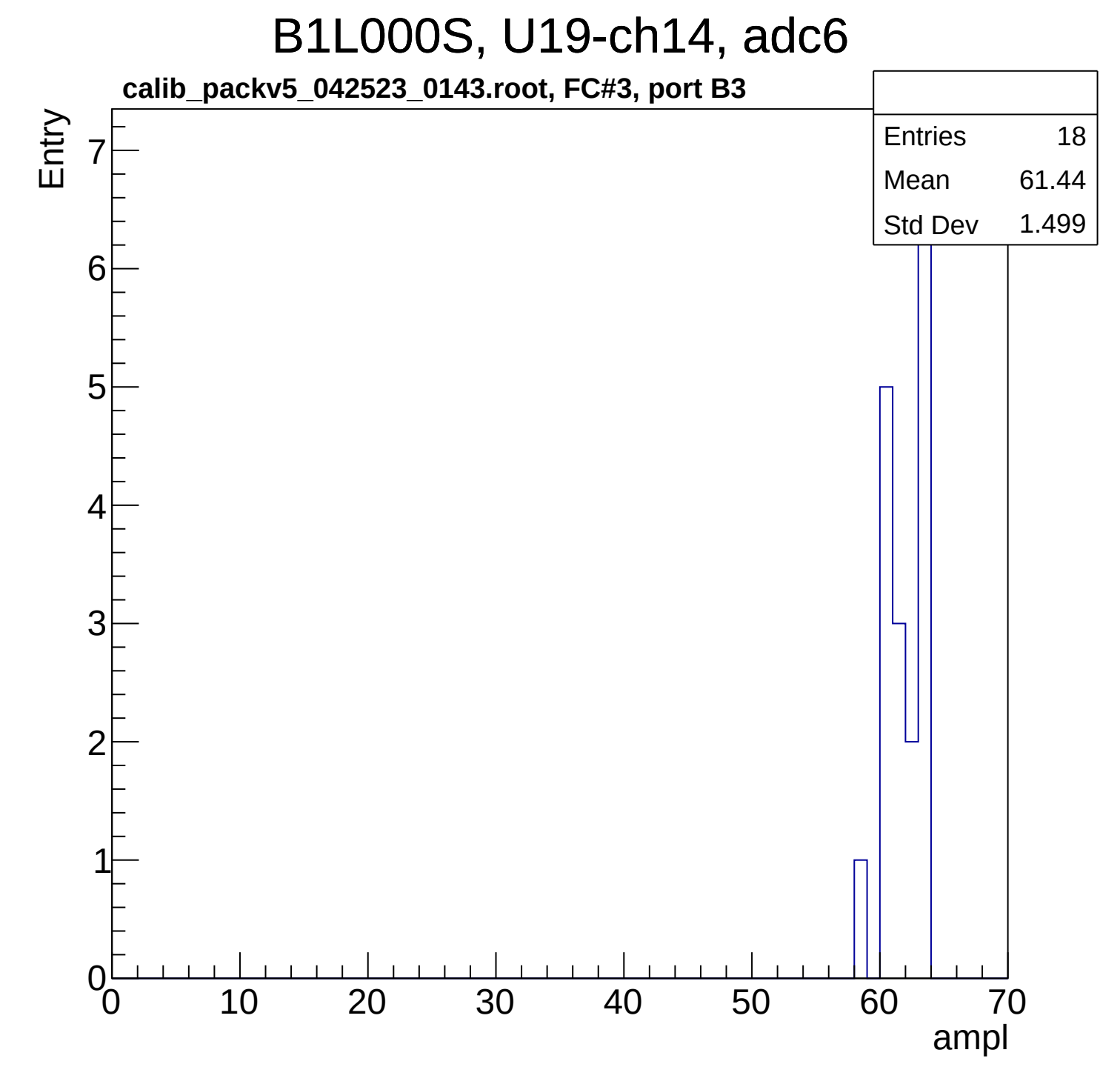
B1L000S, U19-ch14, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 18
Mean 61.44
Std Dev 1.499
Entry
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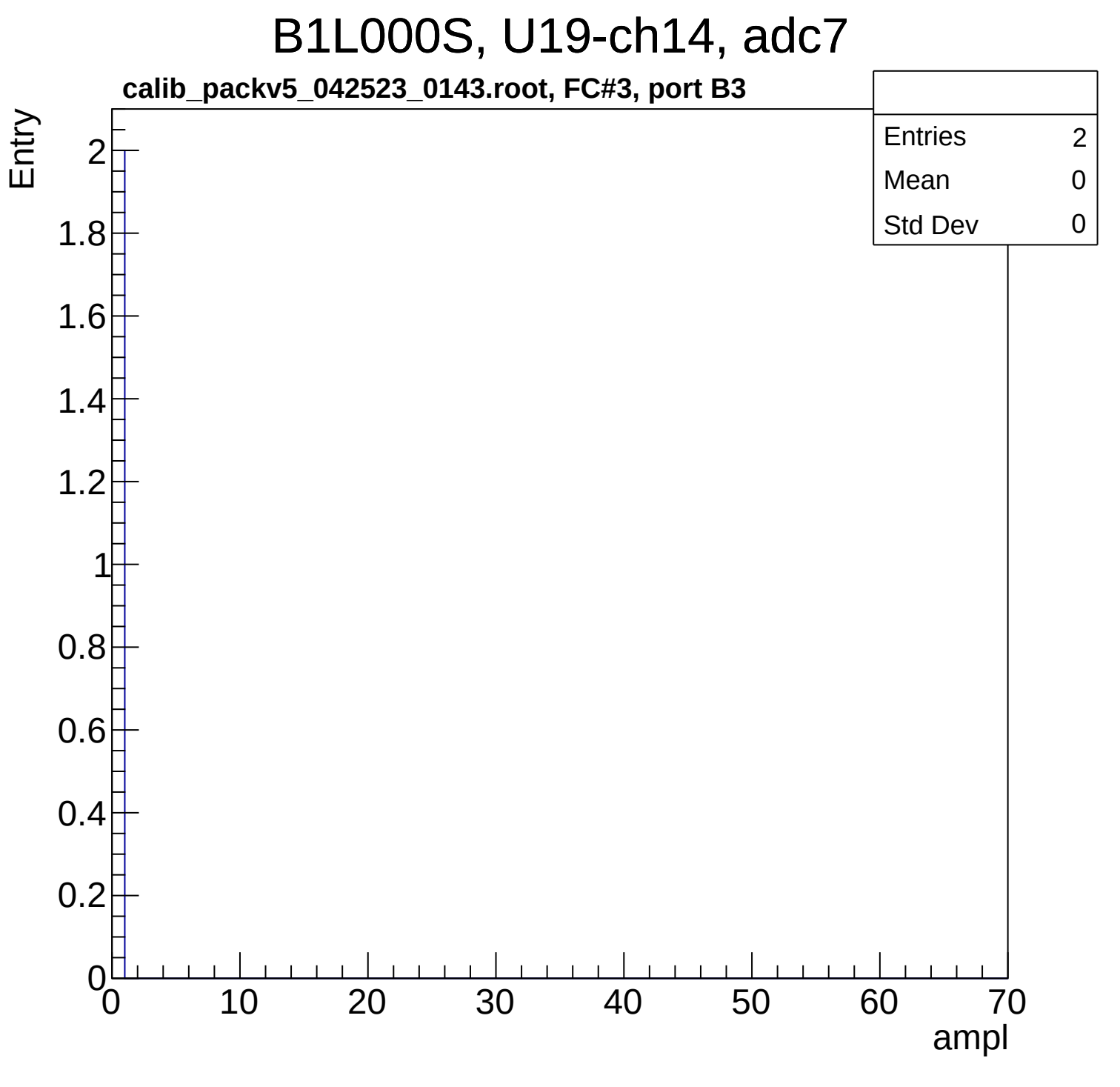
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch14, 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
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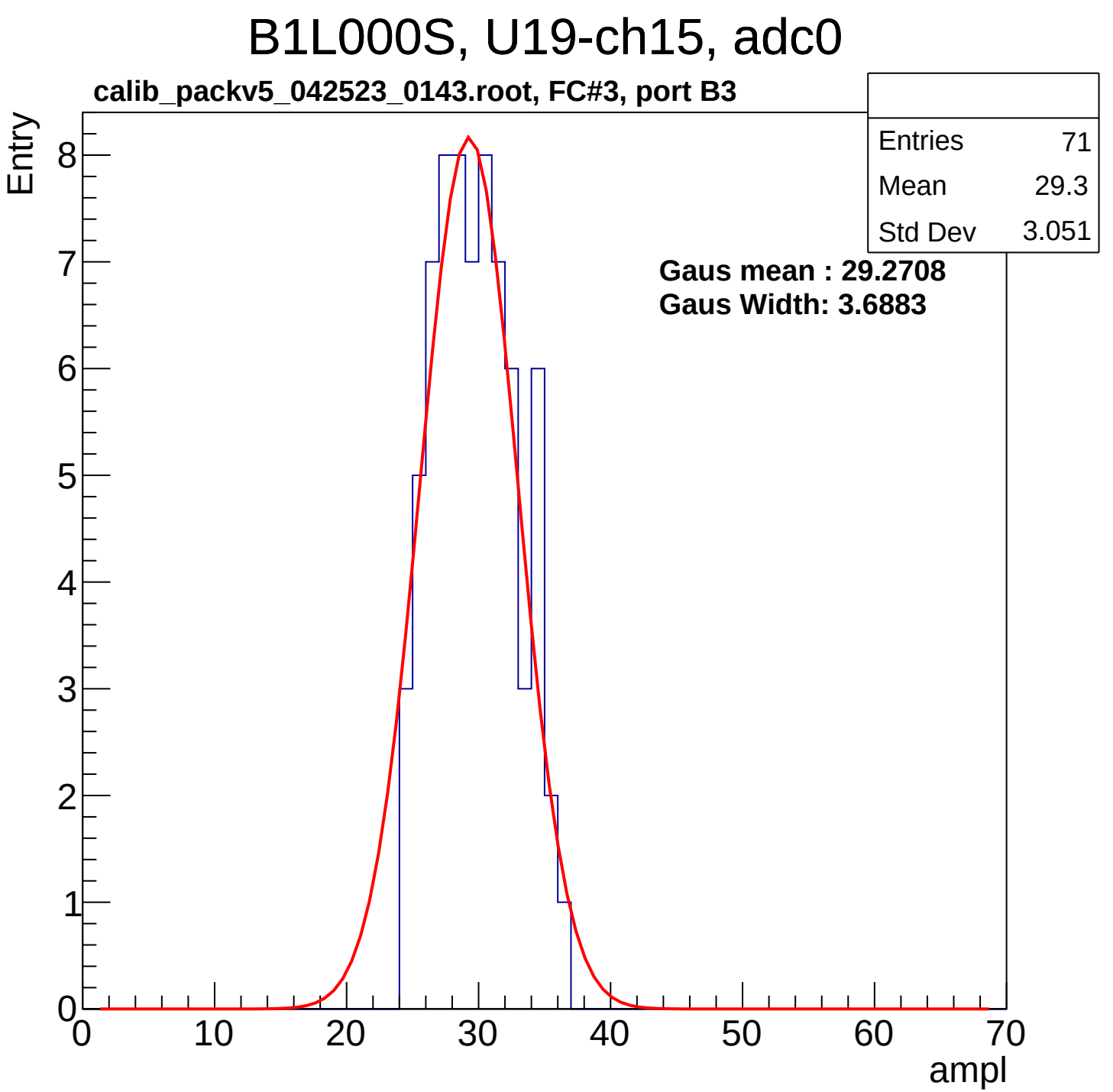
B1L000S, U19-ch15, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 29.3
Std Dev 3.051
Gaus mean : 29.2708
Gaus Width: 3.6883
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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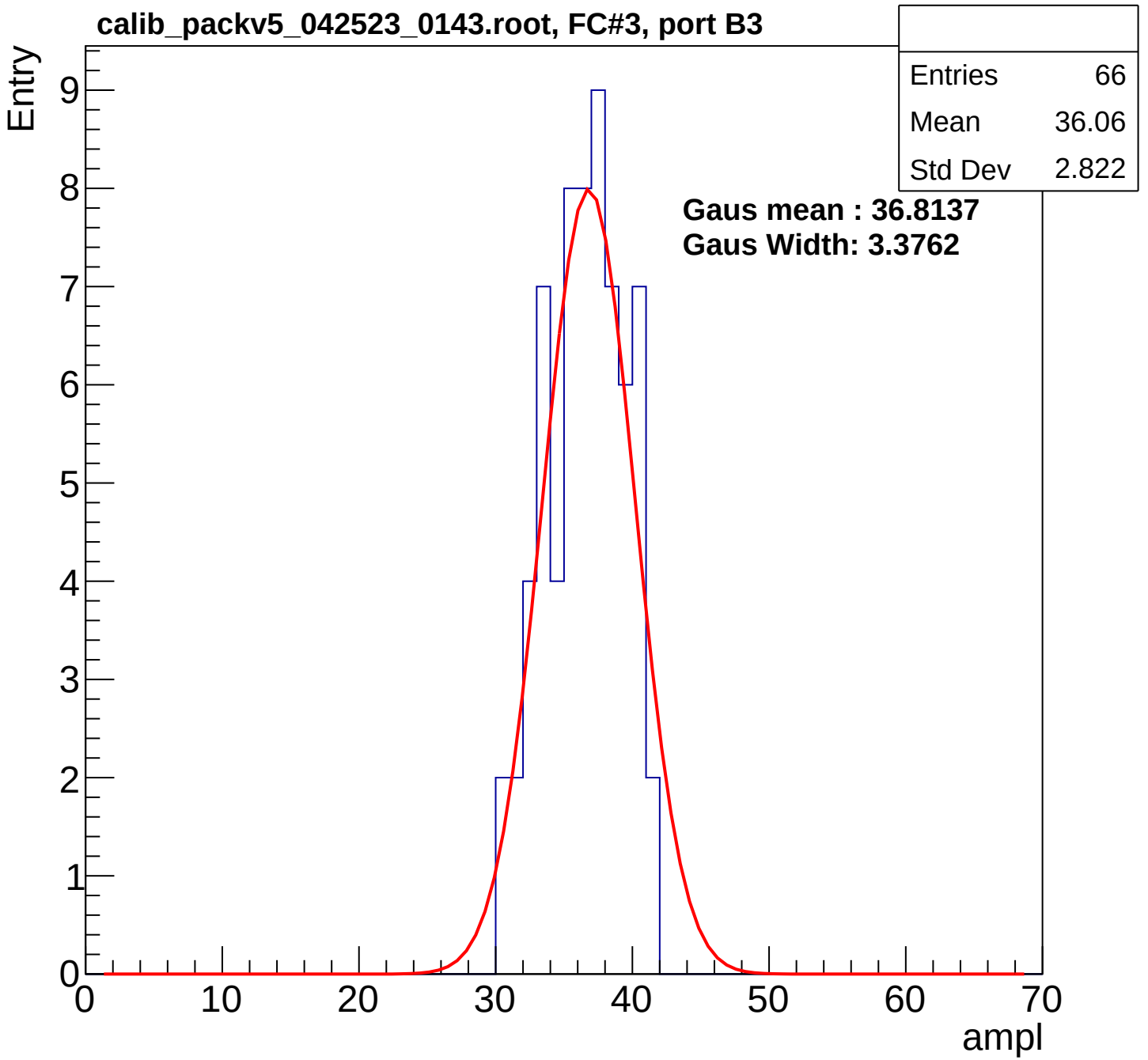
40
50
60
70


B1L000S, U19-ch15, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 36.06
Std Dev 2.822
Gaus mean : 36.8137
Gaus Width: 3.3762
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
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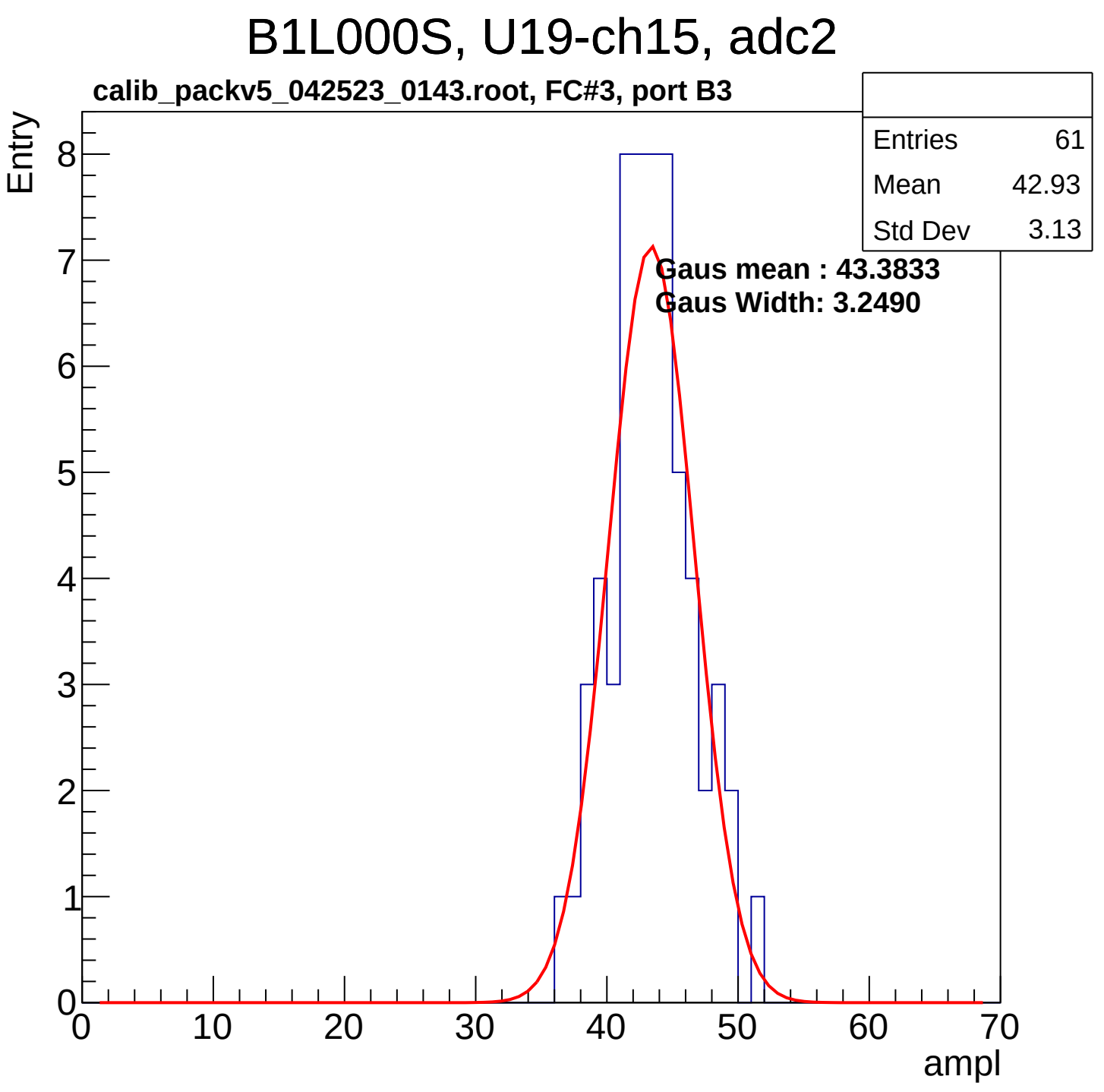
6
7
8
9


B1L000S, U19-ch15, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 42.93
Std Dev 3.13
Gaus mean : 43.3833
Gaus Width: 3.2490
Entry
ampl
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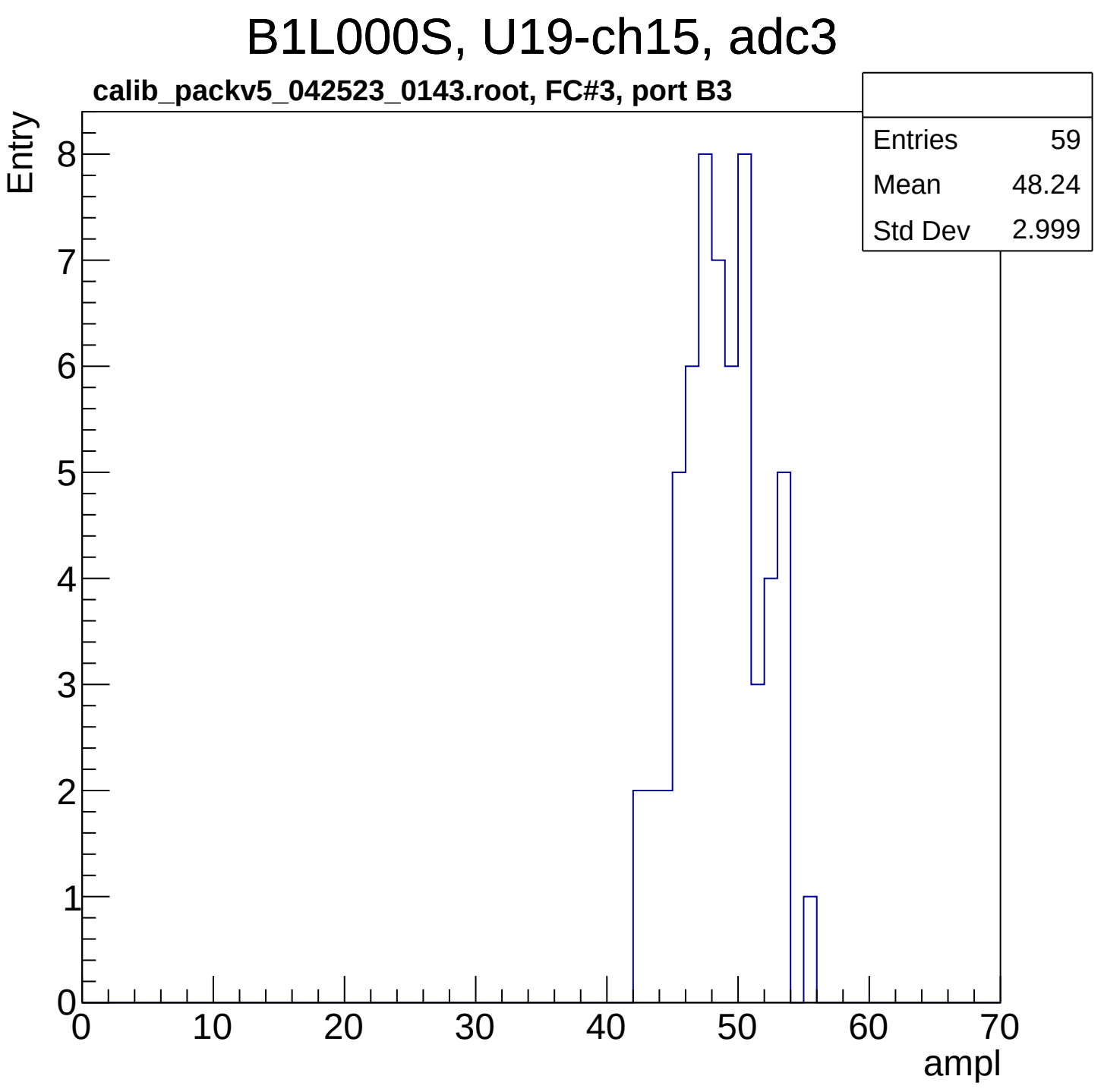
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch15, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 48.24
Std Dev 2.999
Entry
ampl
0
1
2
3
4
5
6
7
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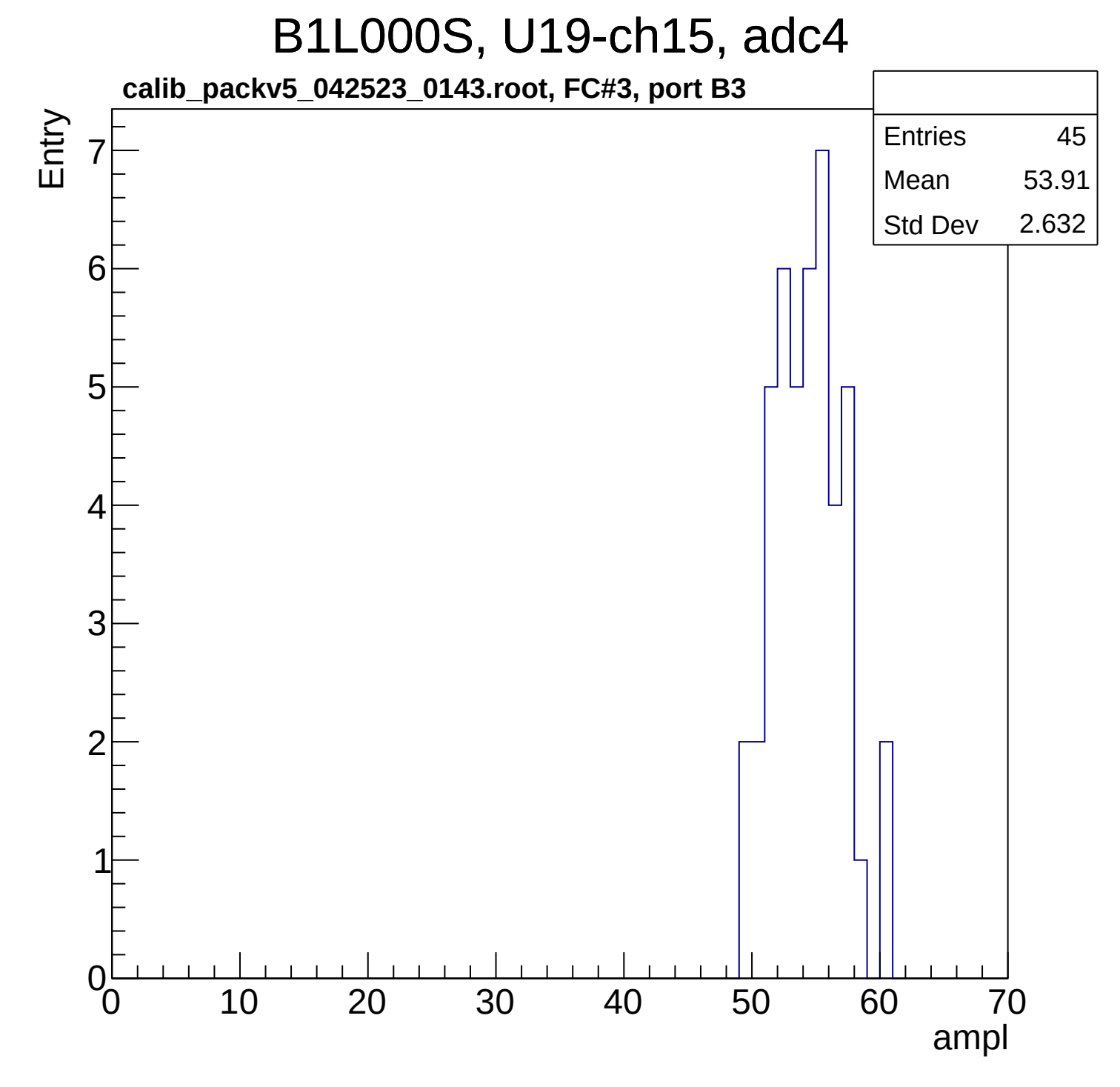
B1L000S, U19-ch15, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 53.91
Std Dev 2.632
Entry
ampl
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1
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4
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0
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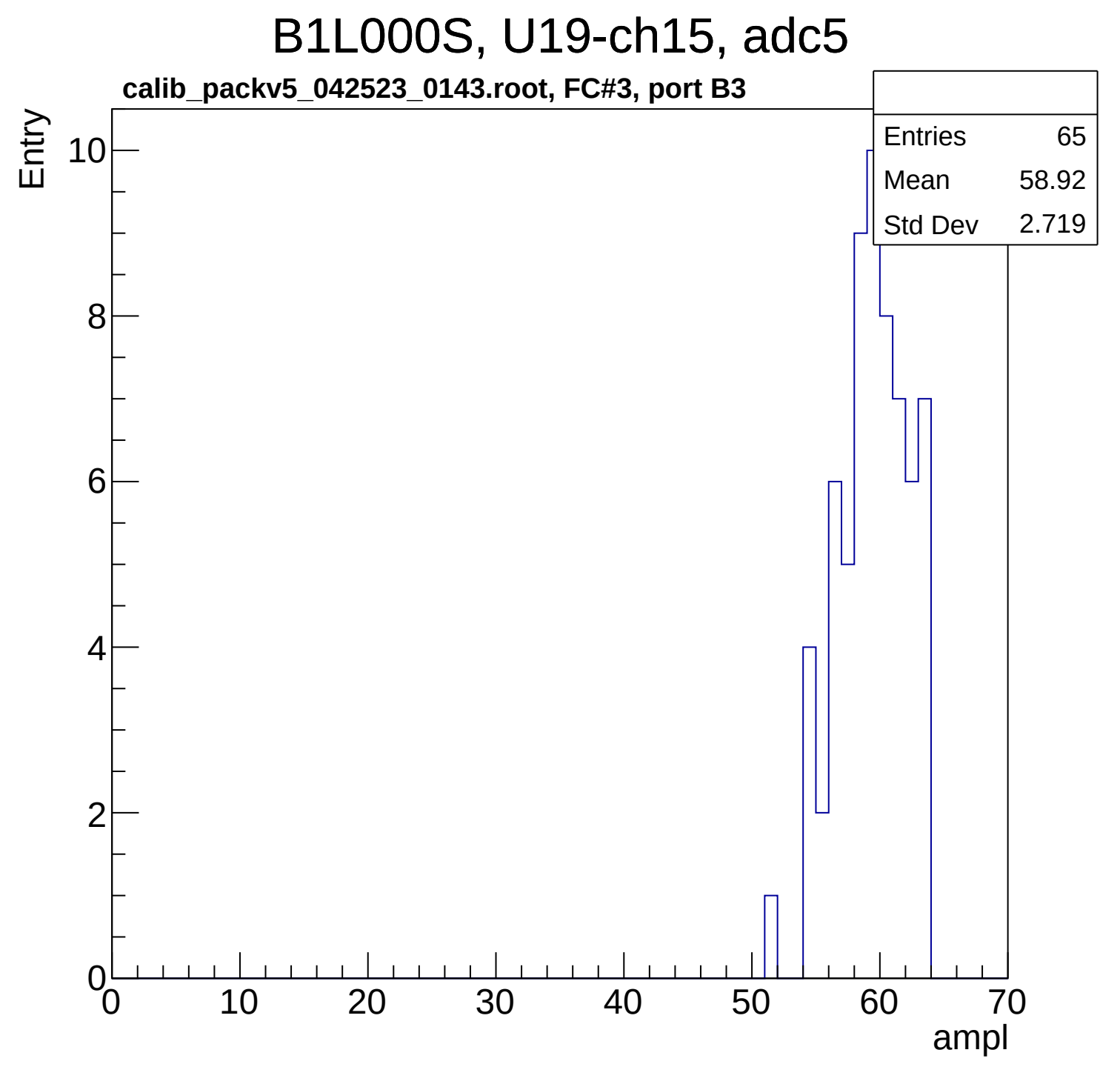
B1L000S, U19-ch15, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 58.92
Std Dev 2.719
Entry
ampl
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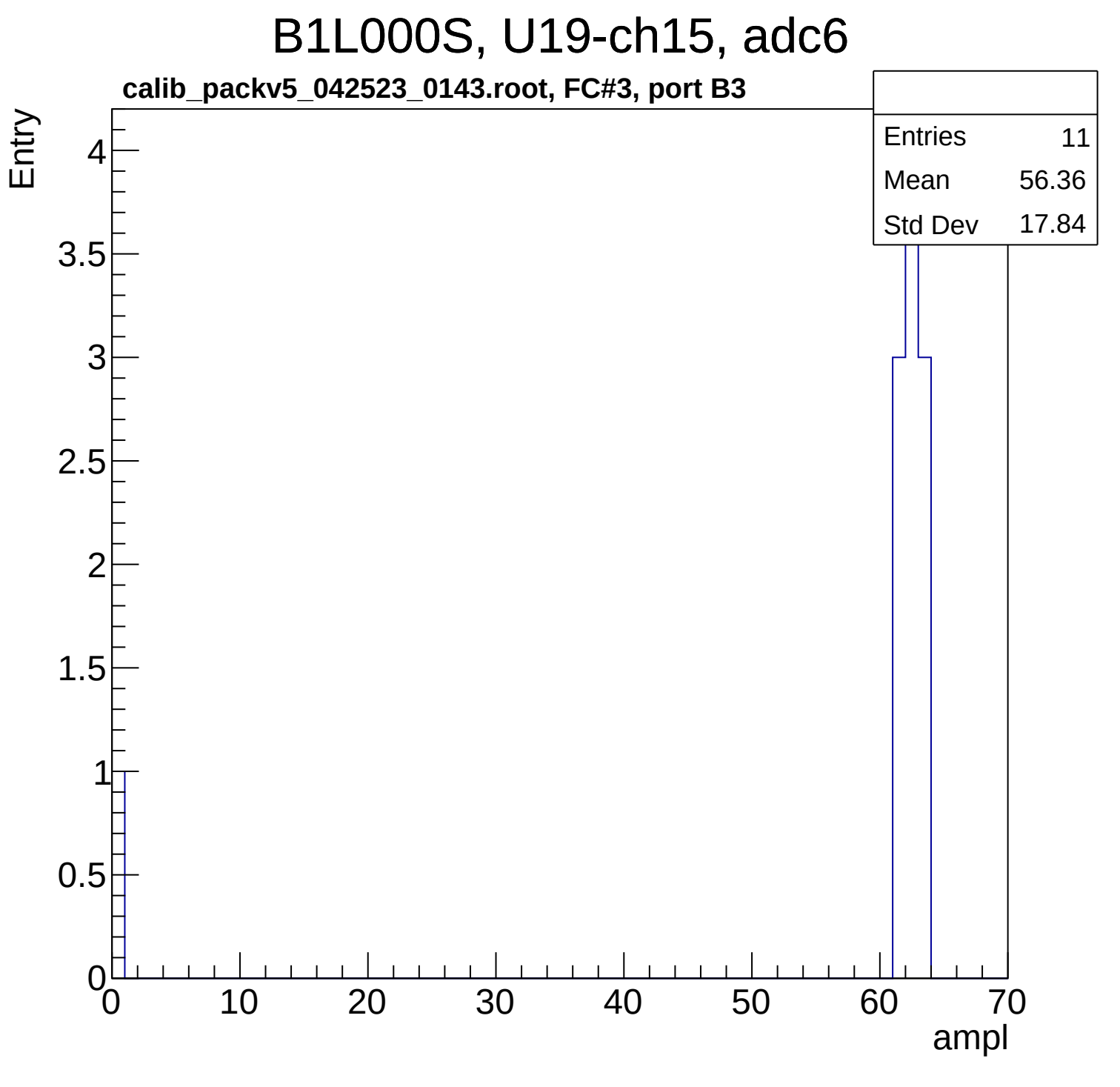
B1L000S, U19-ch15, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 56.36
Std Dev 17.84
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
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20
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40
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60
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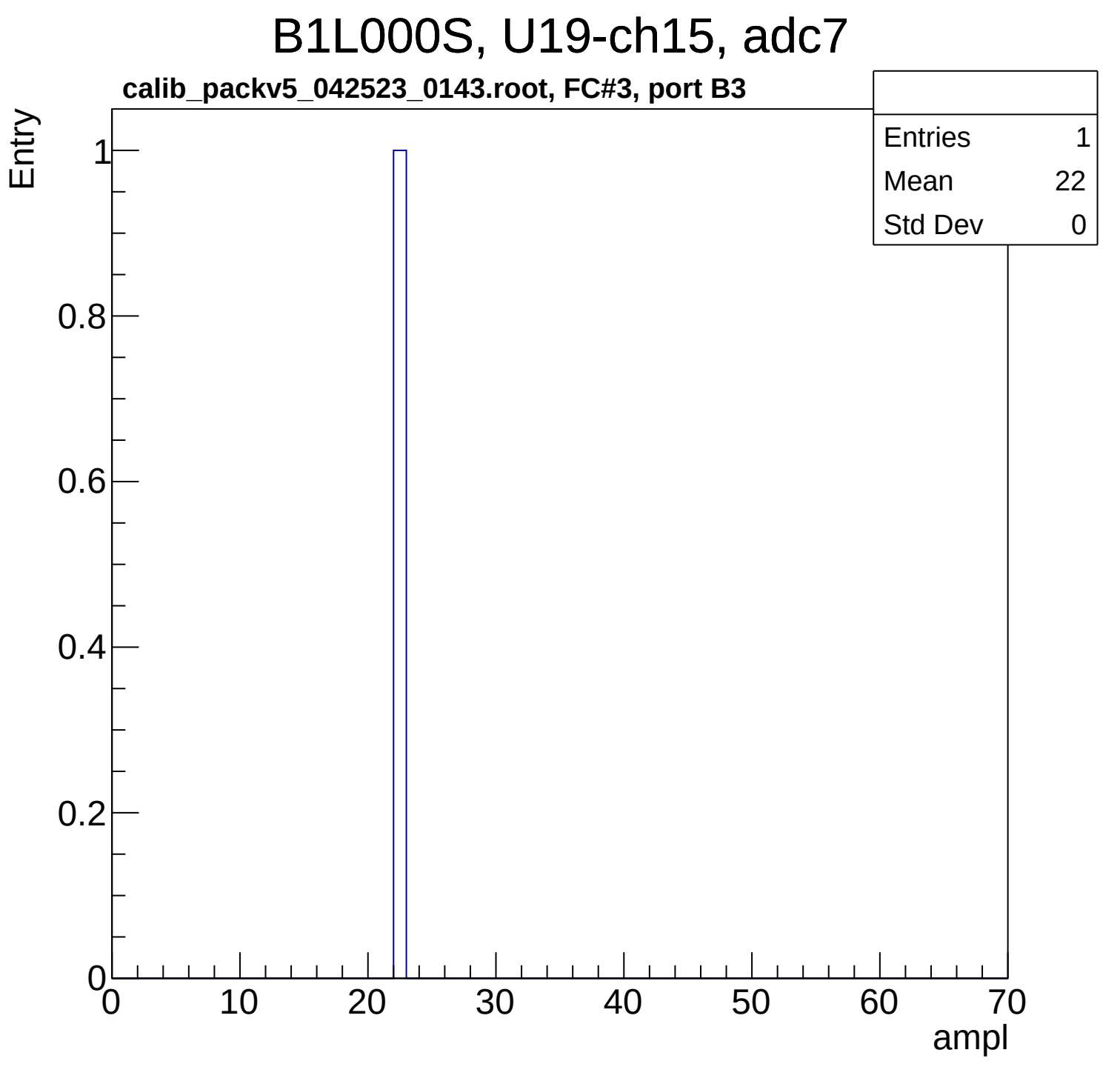
B1L000S, U19-ch15, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 22
Std Dev 0
Entry
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0.8
0.6
0.4
0.2
0
0
10
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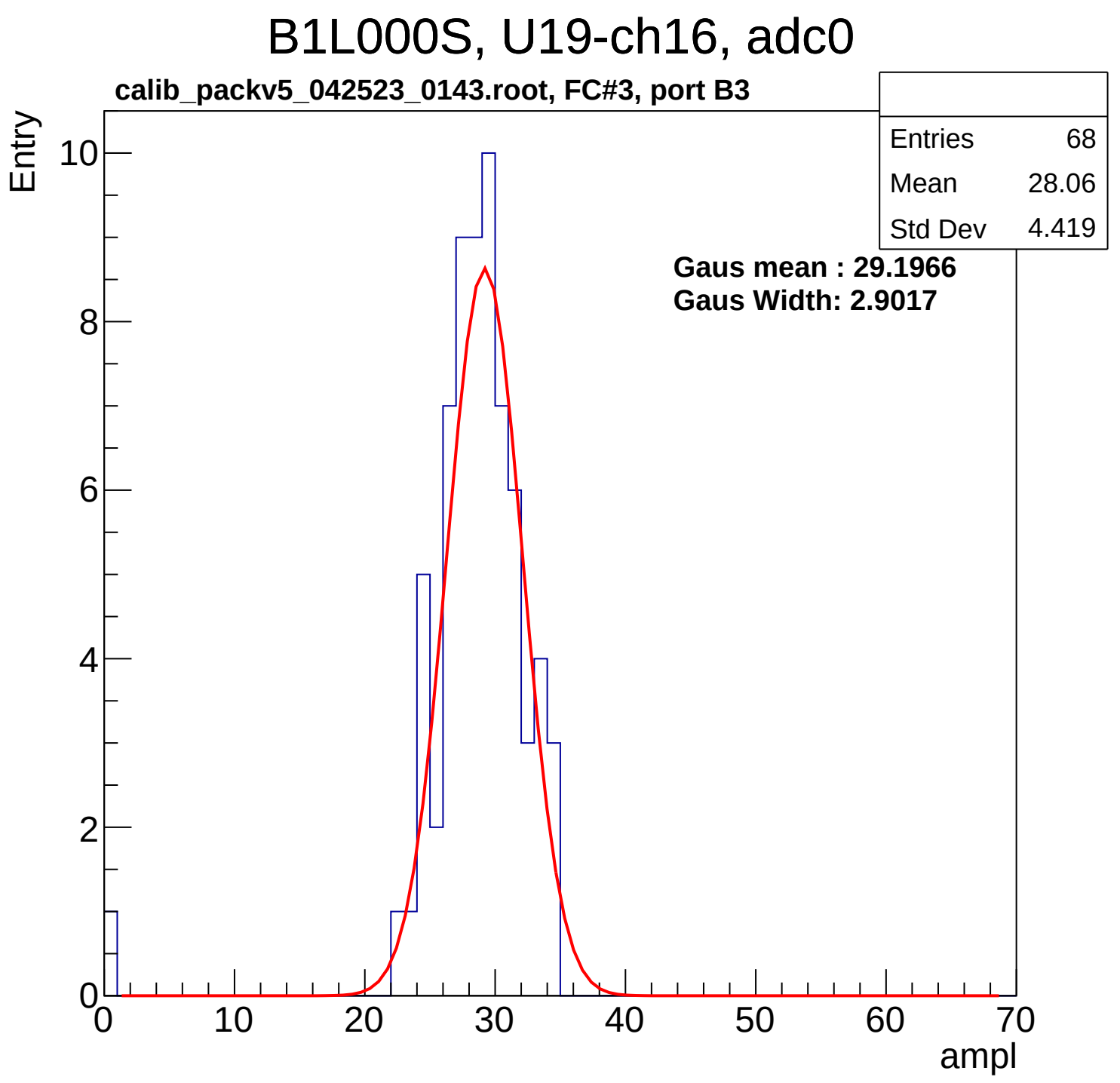
40
50
60
70
ampl


B1L000S, U19-ch16, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 28.06
Std Dev 4.419
Gaus mean : 29.1966
Gaus Width: 2.9017
Entry
ampl
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2
4
6
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0
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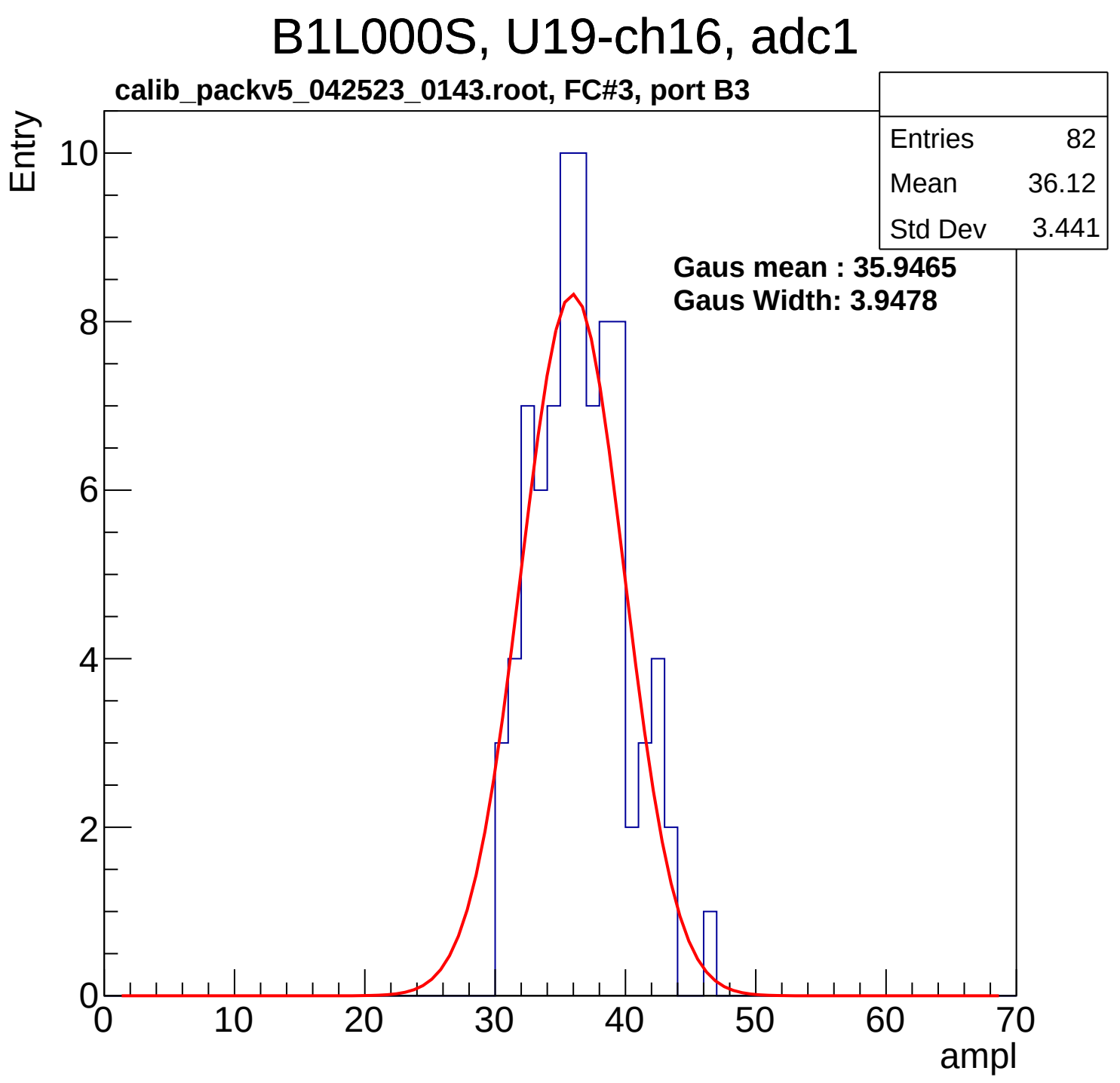
B1L000S, U19-ch16, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 82
Mean 36.12
Std Dev 3.441
Gaus mean : 35.9465
Gaus Width: 3.9478
Entry
ampl
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2
4
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8
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0
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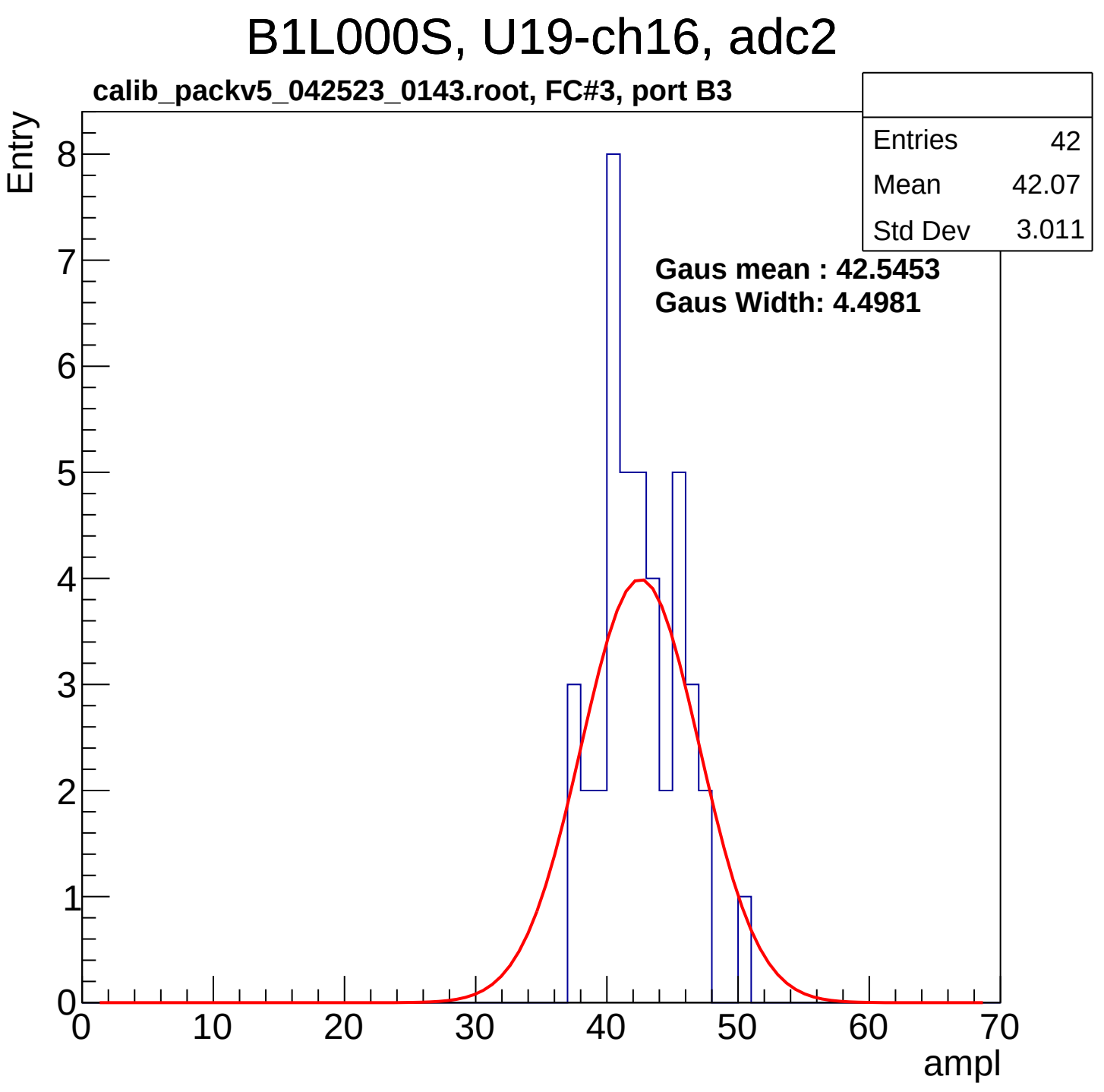
B1L000S, U19-ch16, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 42.07
Std Dev 3.011
Gaus mean : 42.5453
Gaus Width: 4.4981
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
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60
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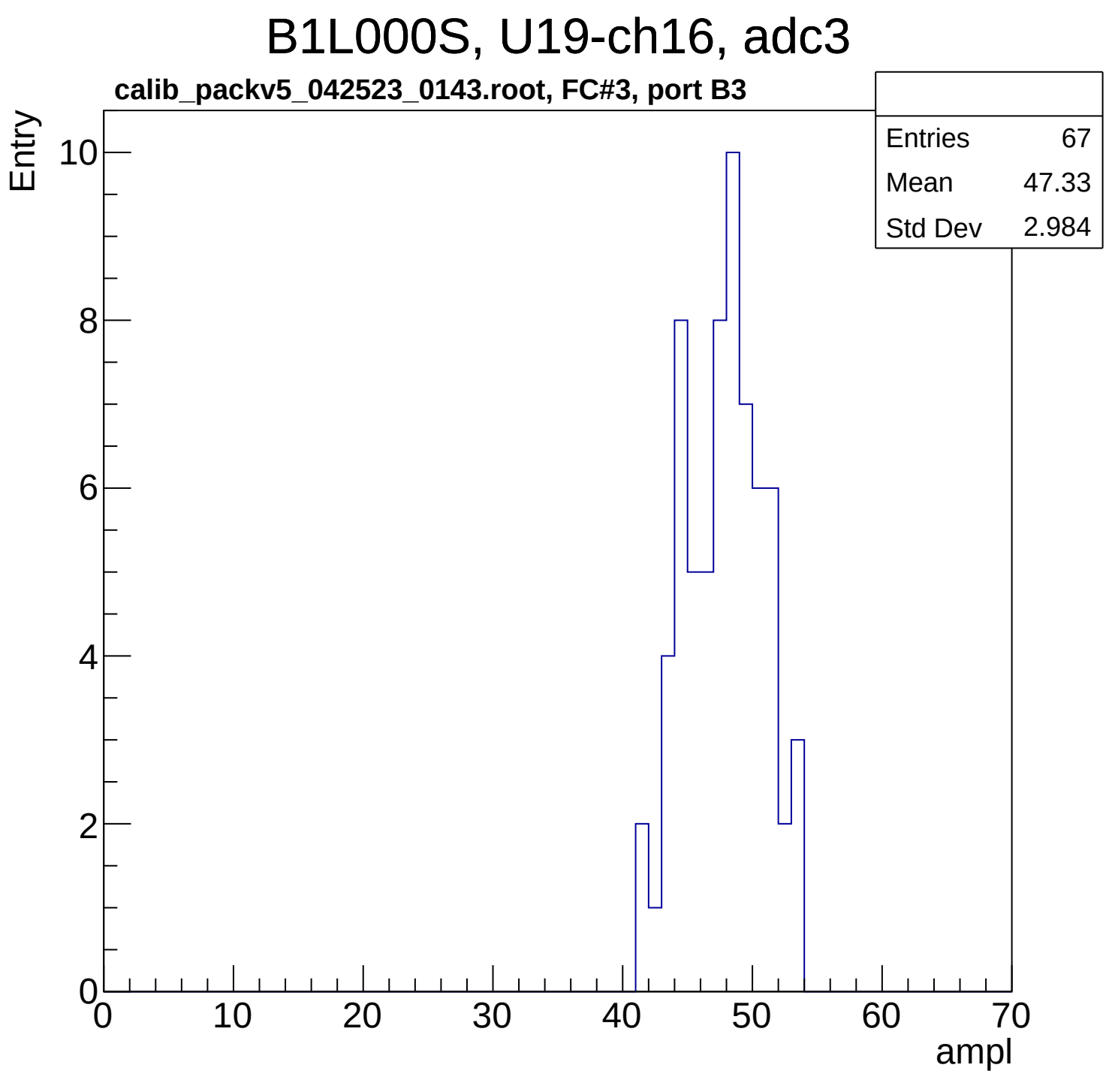
B1L000S, U19-ch16, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 47.33
Std Dev 2.984
Entry
0
2
4
6
8
10
0
10
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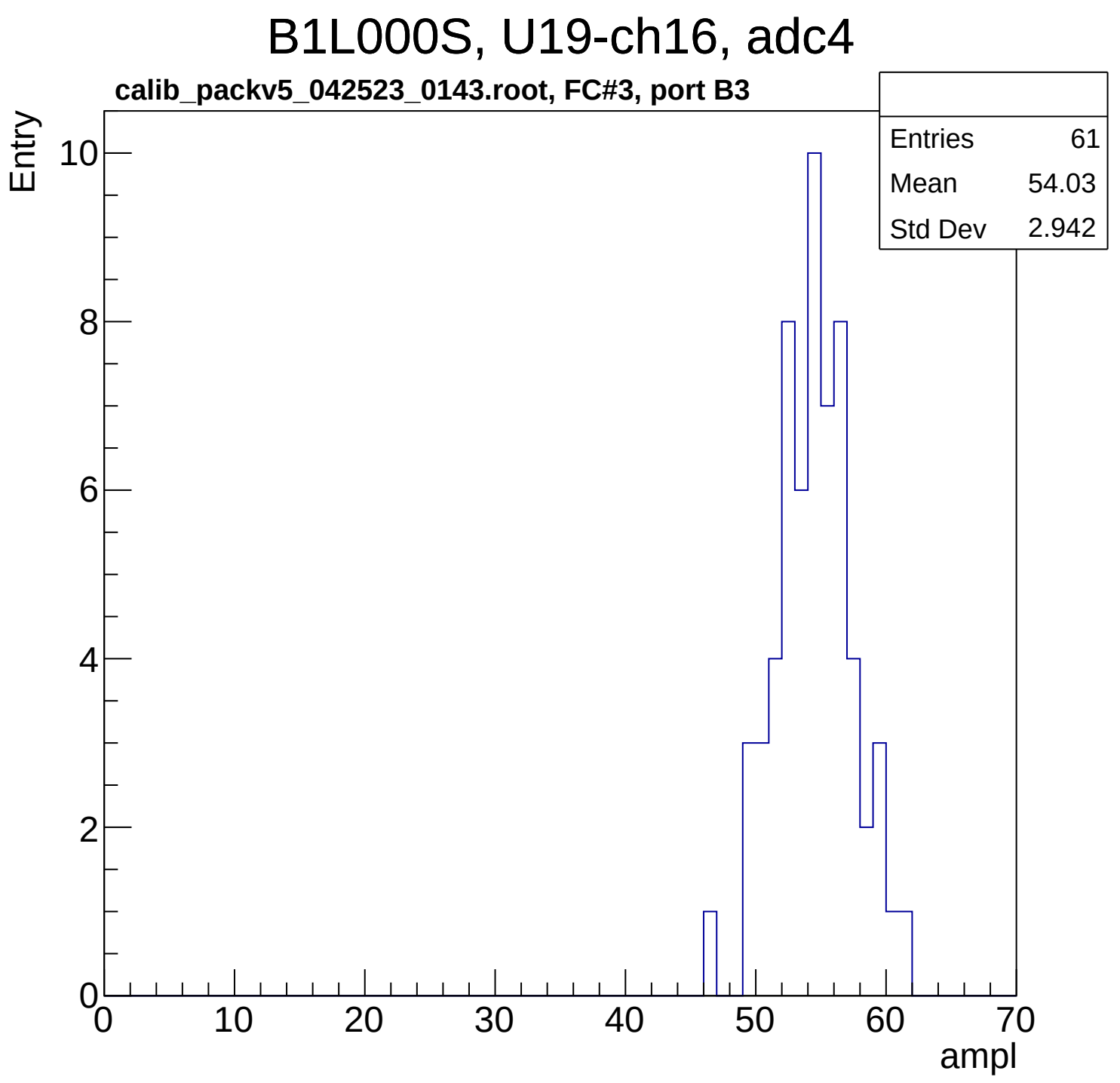
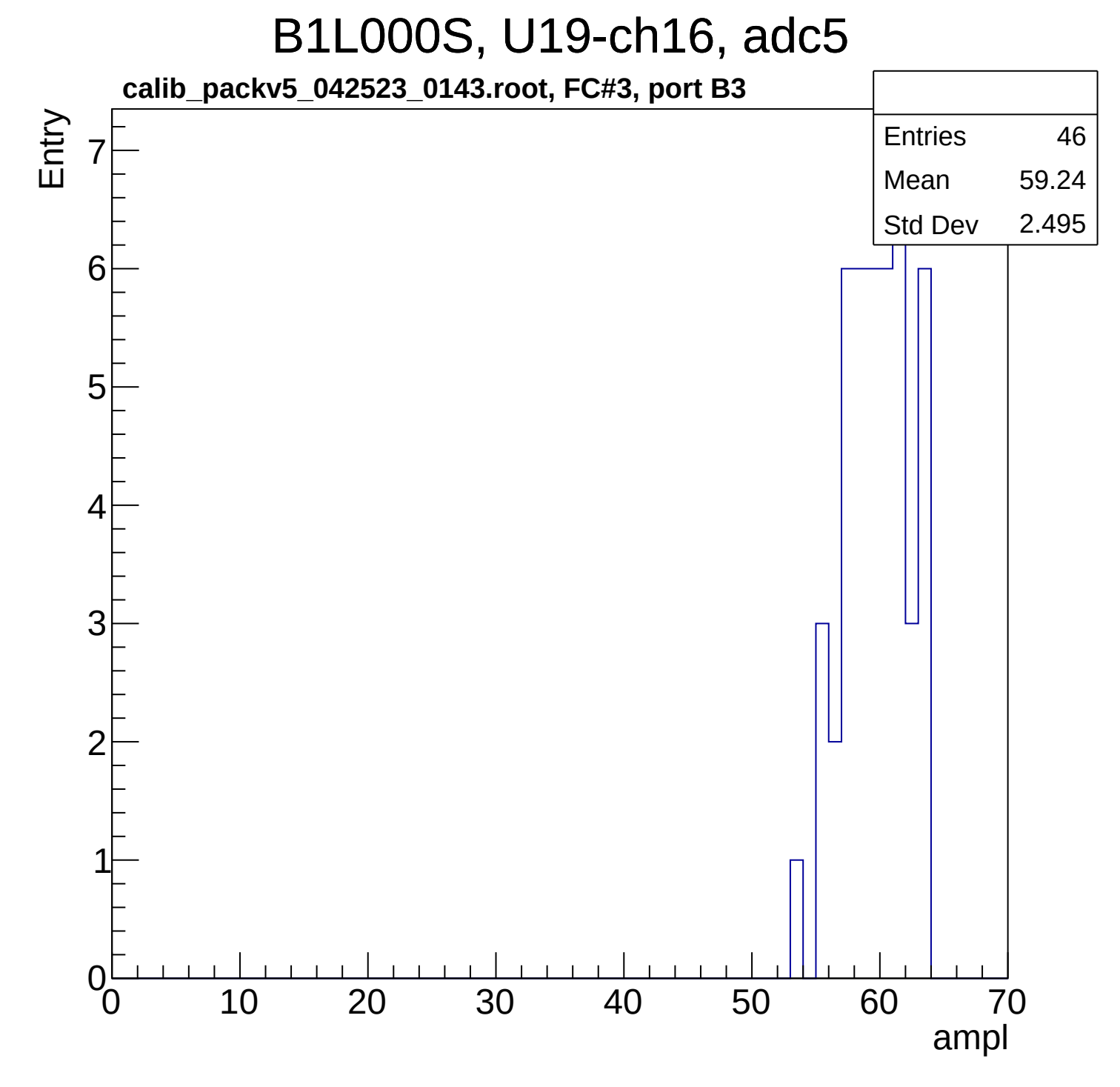
50
60
70
ampl


B1L000S, U19-ch16, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 54.03
Std Dev 2.942
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch16, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 59.24
Std Dev 2.495
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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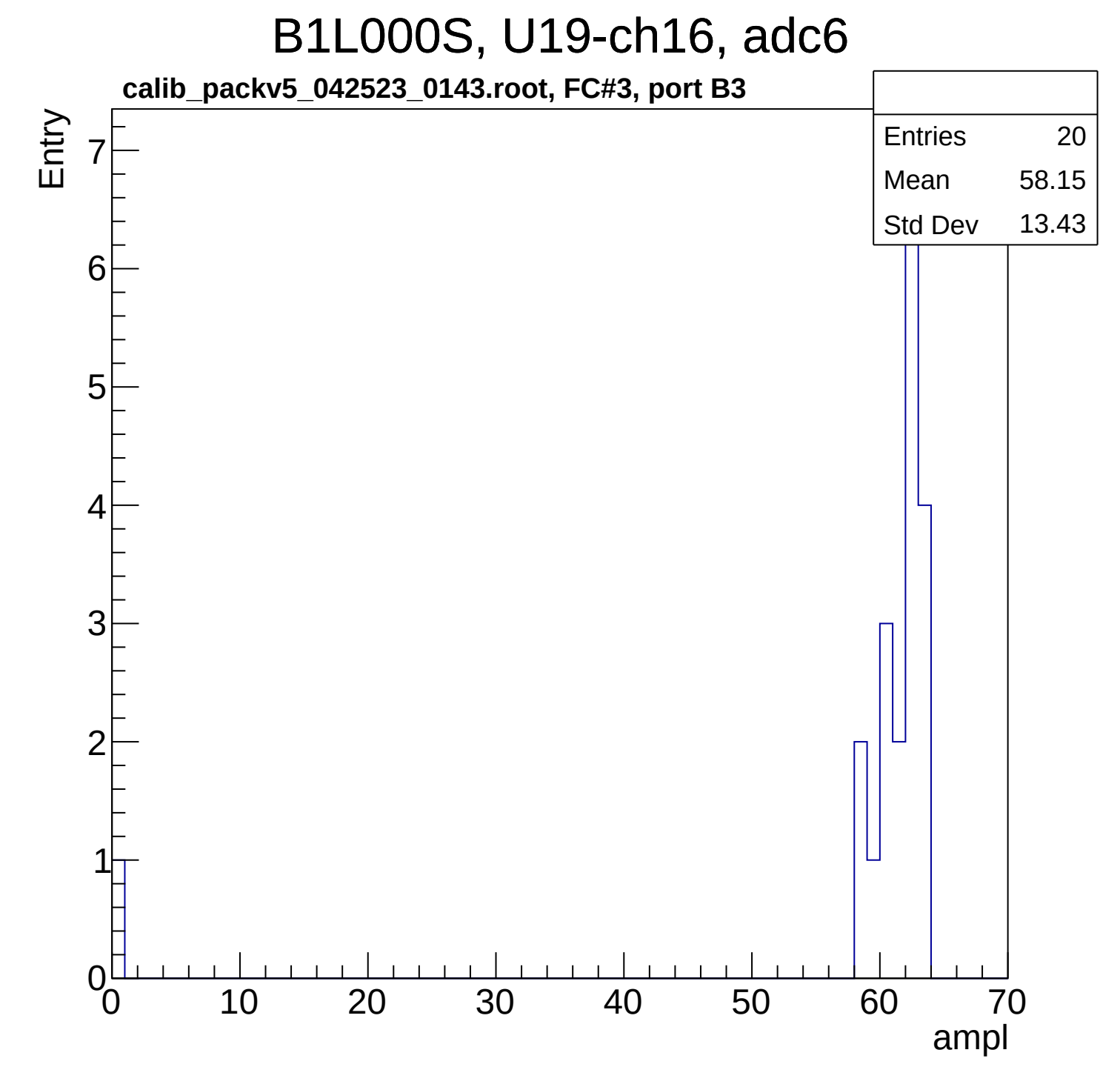
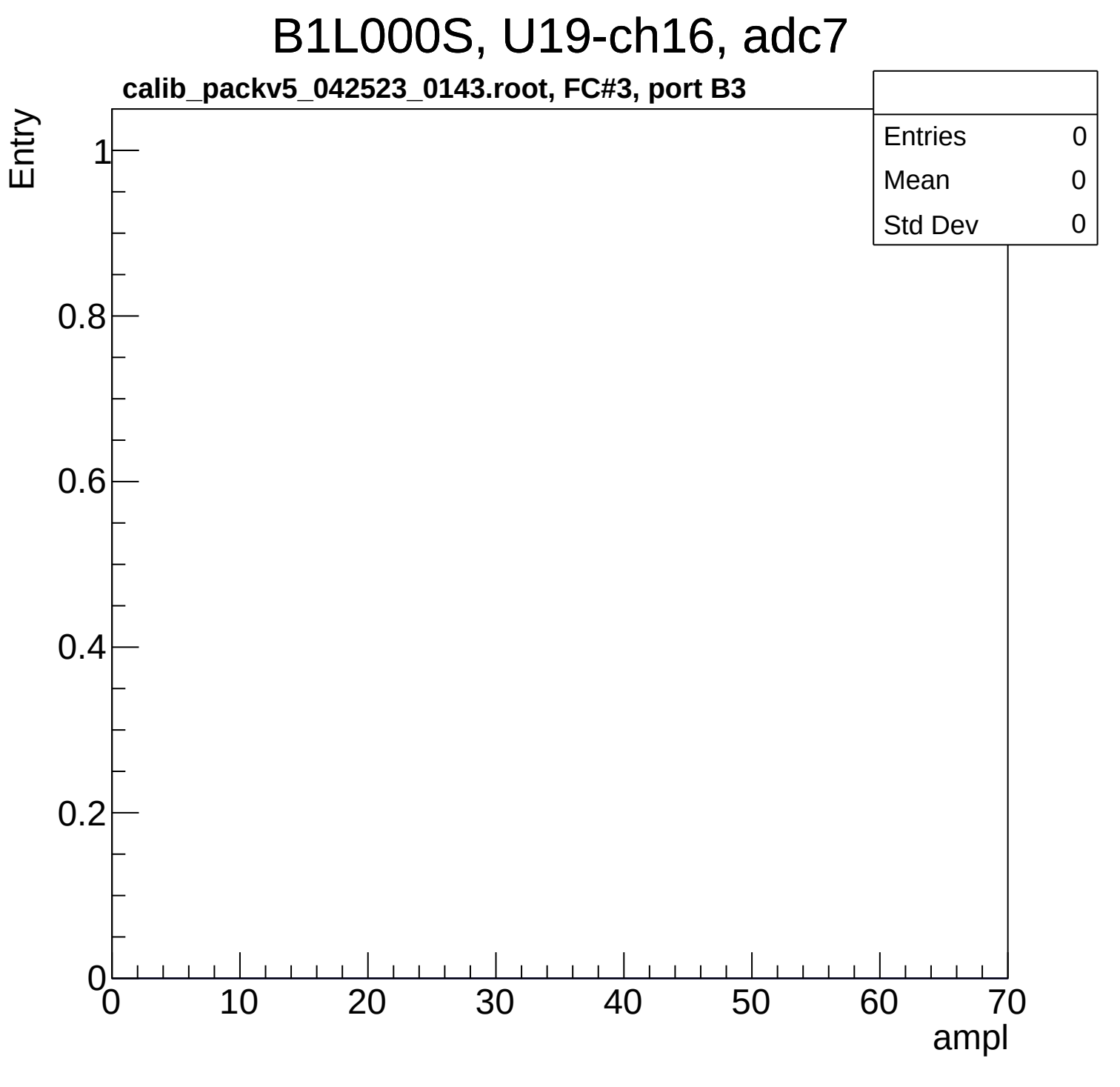
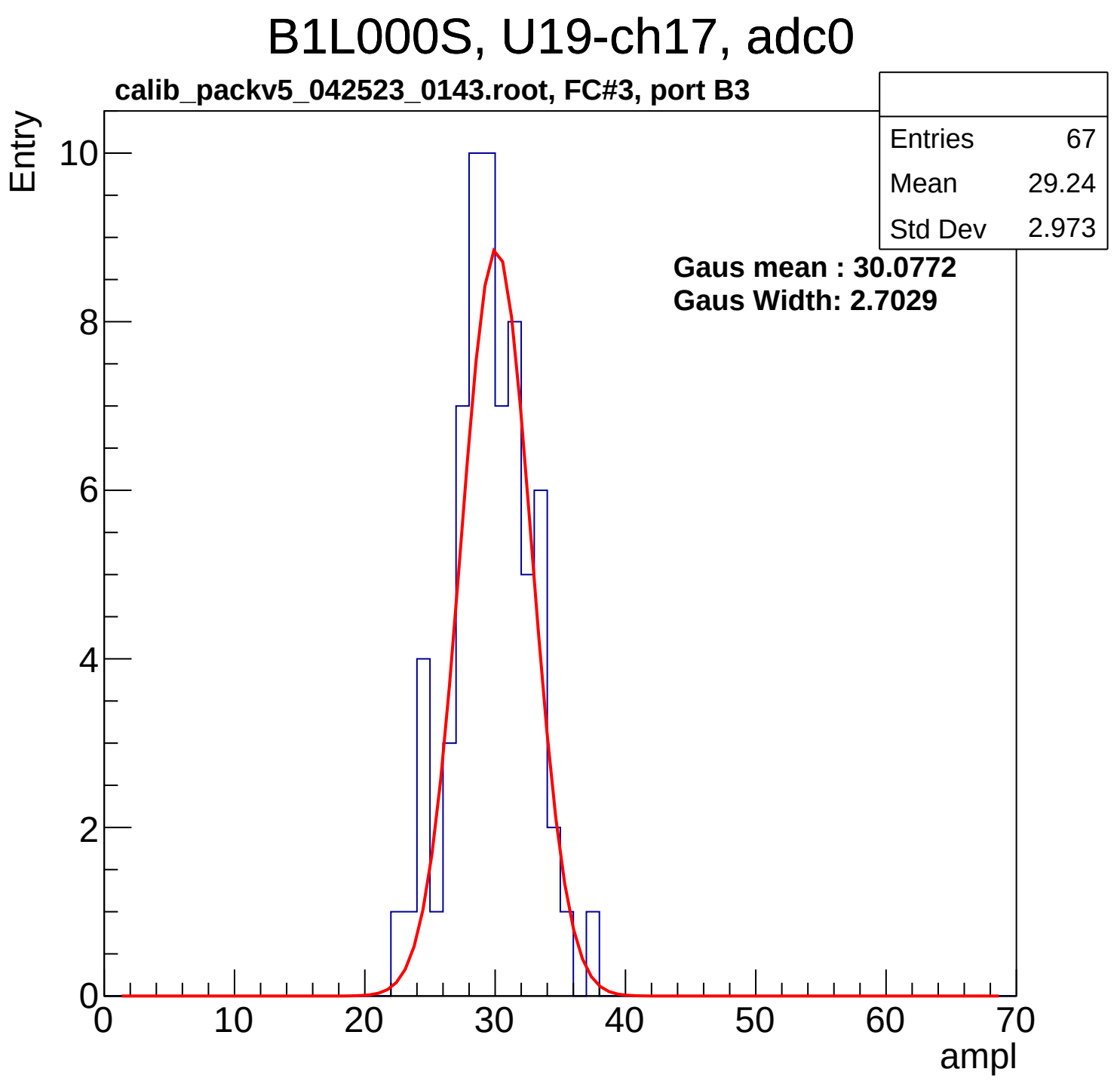

B1L000S, U19-ch16, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 20
Mean 58.15
Std Dev 13.43
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch16, 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, U19-ch17, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 29.24
Std Dev 2.973
Gaus mean : 30.0772
Gaus Width: 2.7029
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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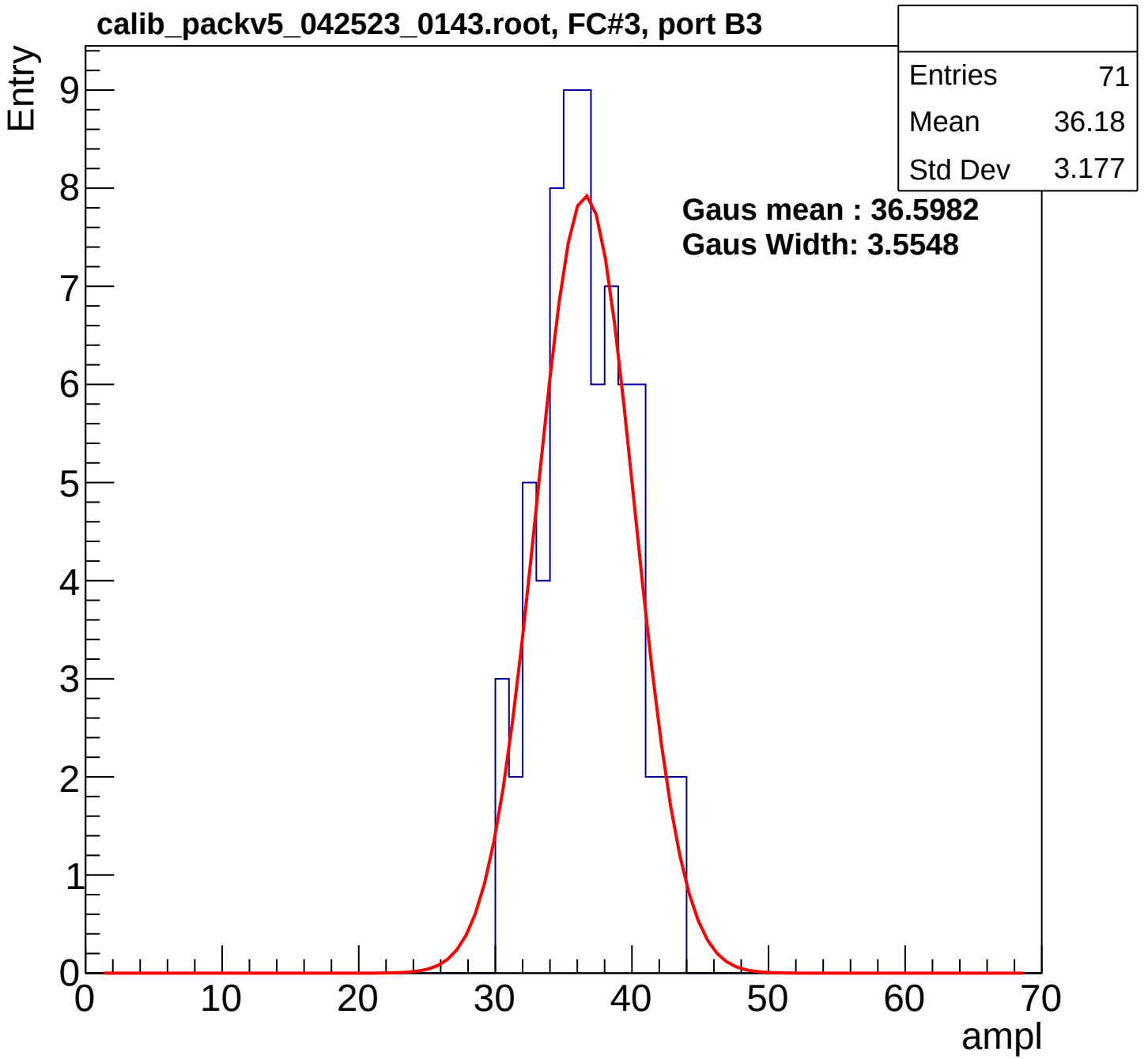
B1L000S, U19-ch17, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 36.18
Std Dev 3.177
Gaus mean : 36.5982
Gaus Width: 3.5548
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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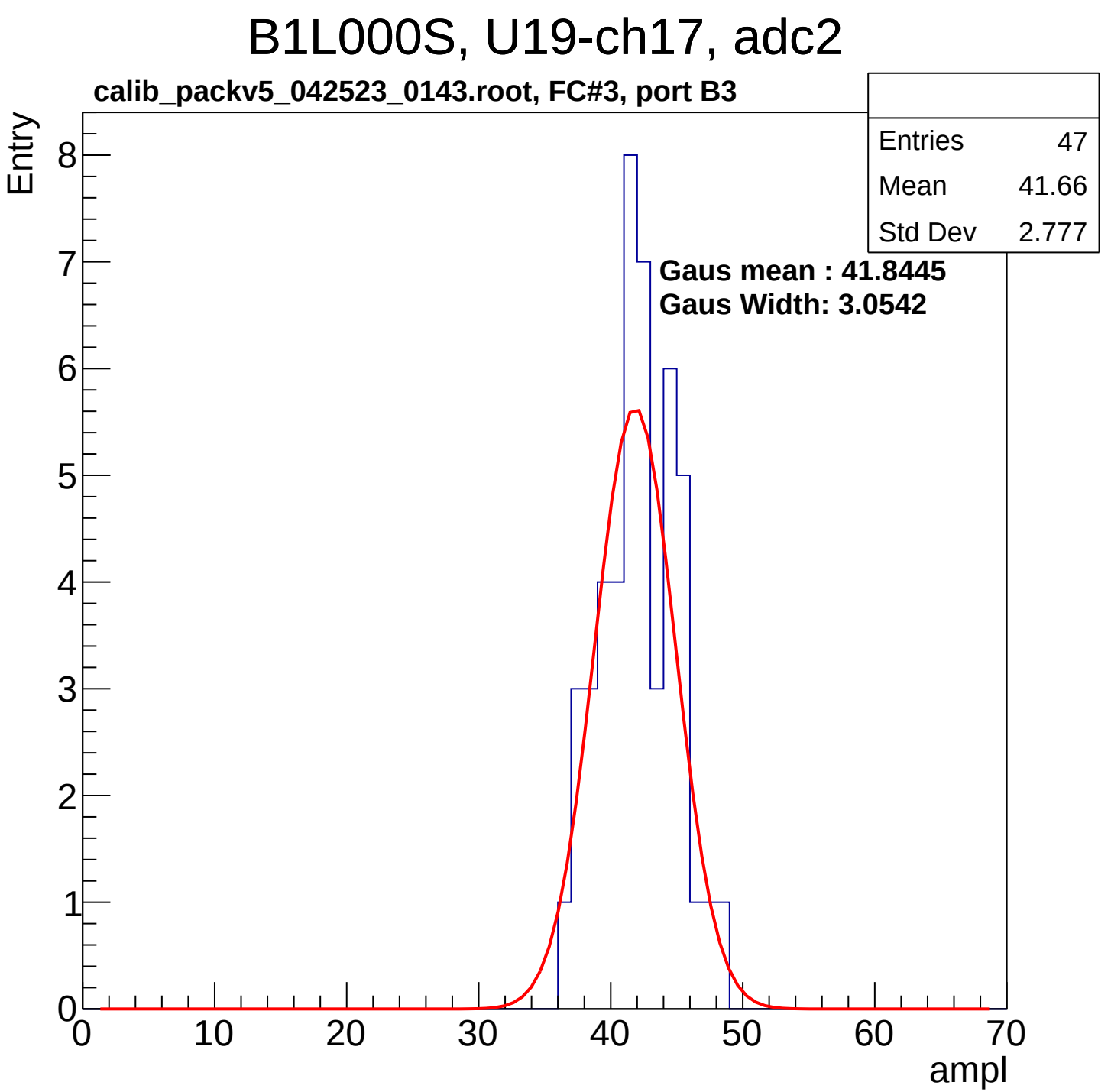
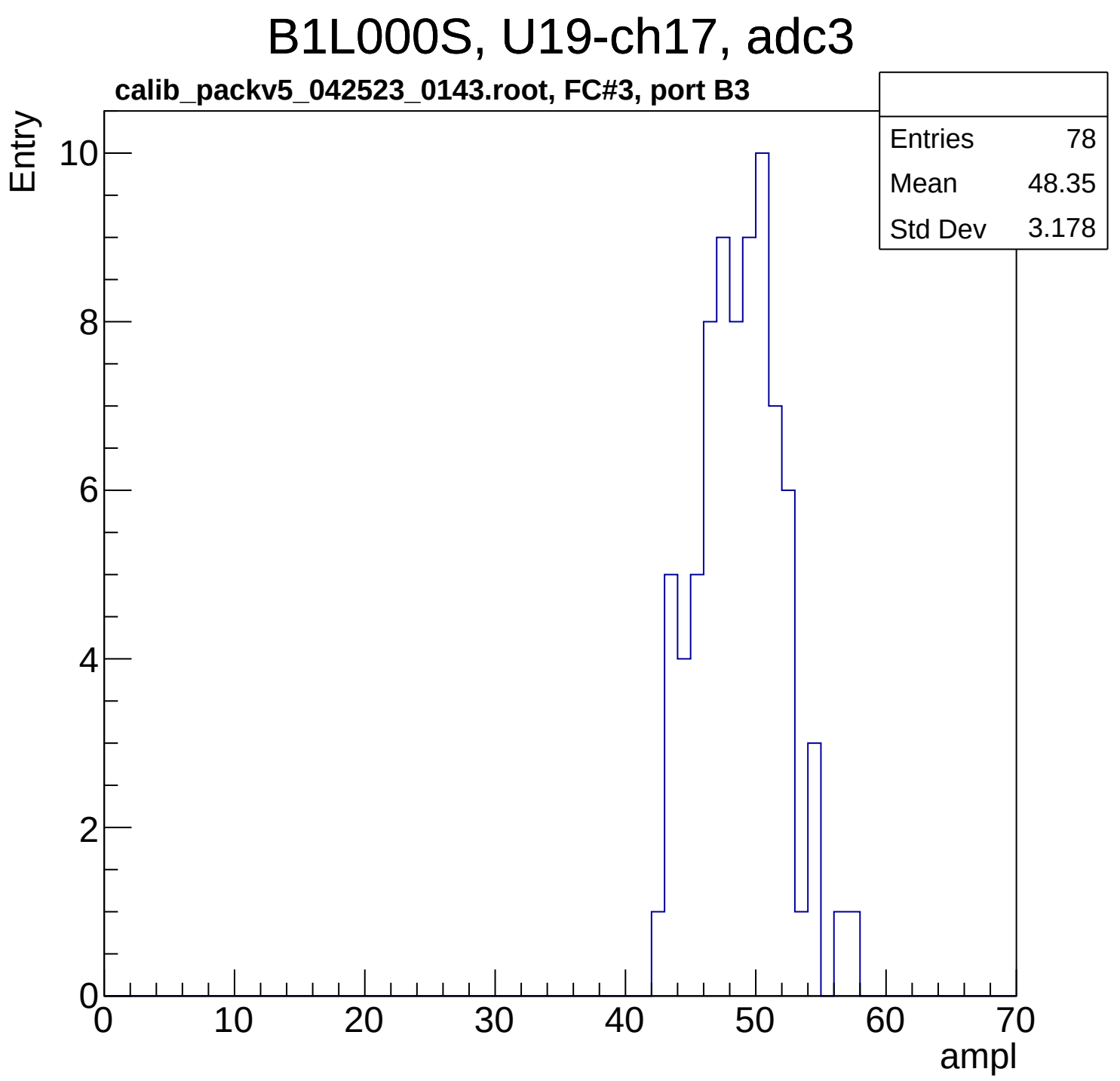
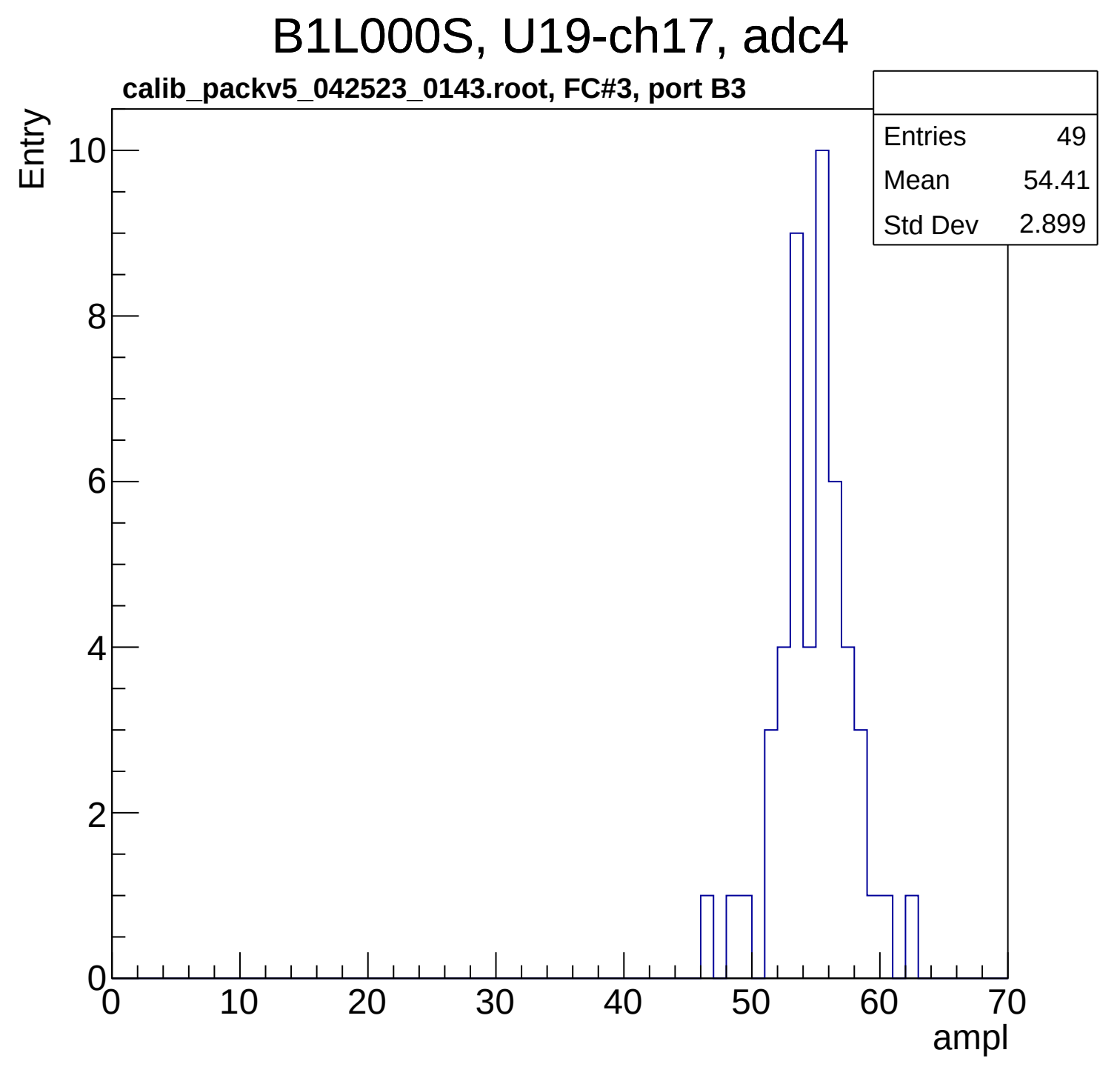

B1L000S, U19-ch17, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 41.66
Std Dev 2.777
Gaus mean : 41.8445
Gaus Width: 3.0542
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch17, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 48.35
Std Dev 3.178
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch17, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 54.41
Std Dev 2.899
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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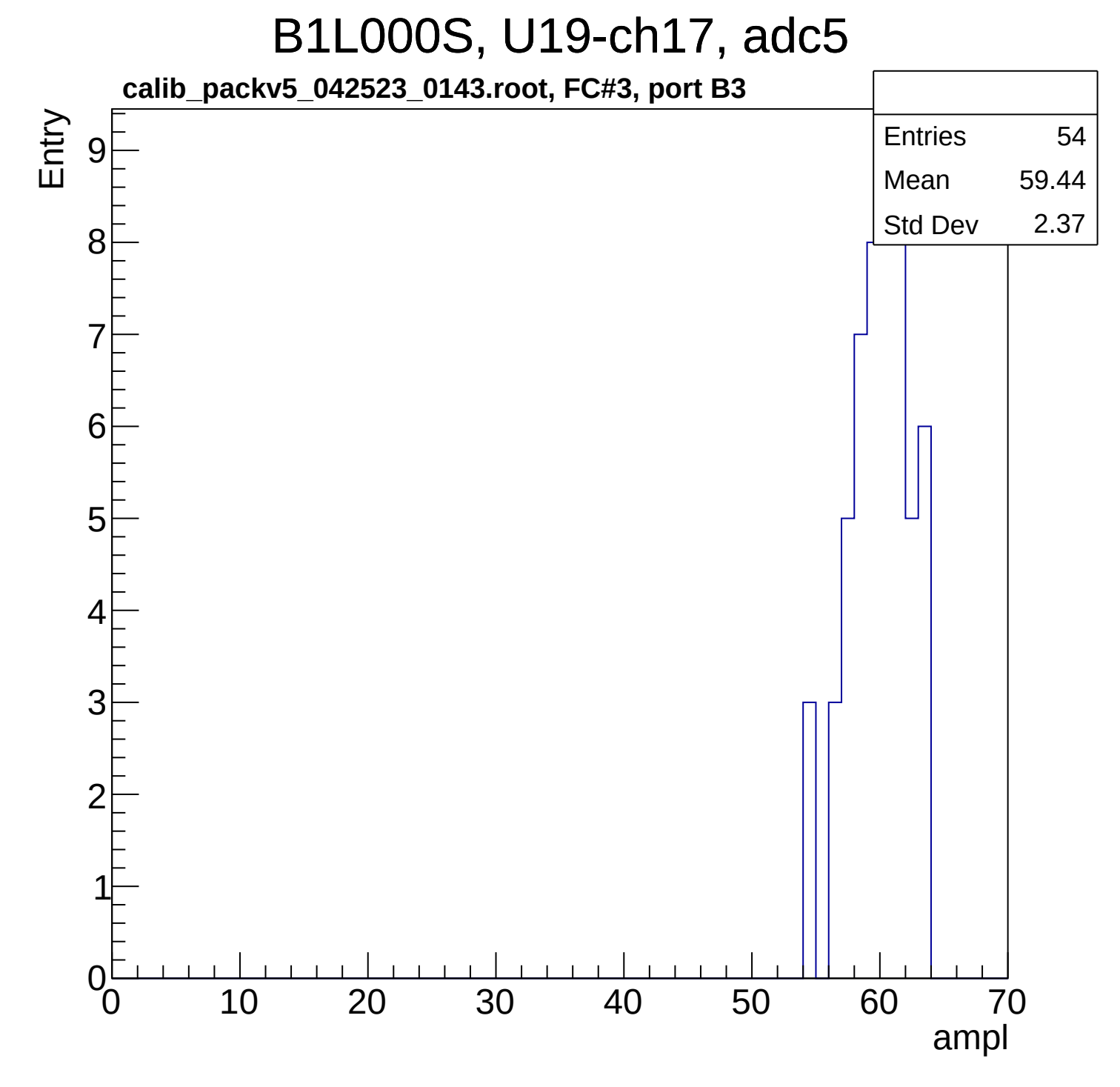
B1L000S, U19-ch17, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 59.44
Std Dev 2.37
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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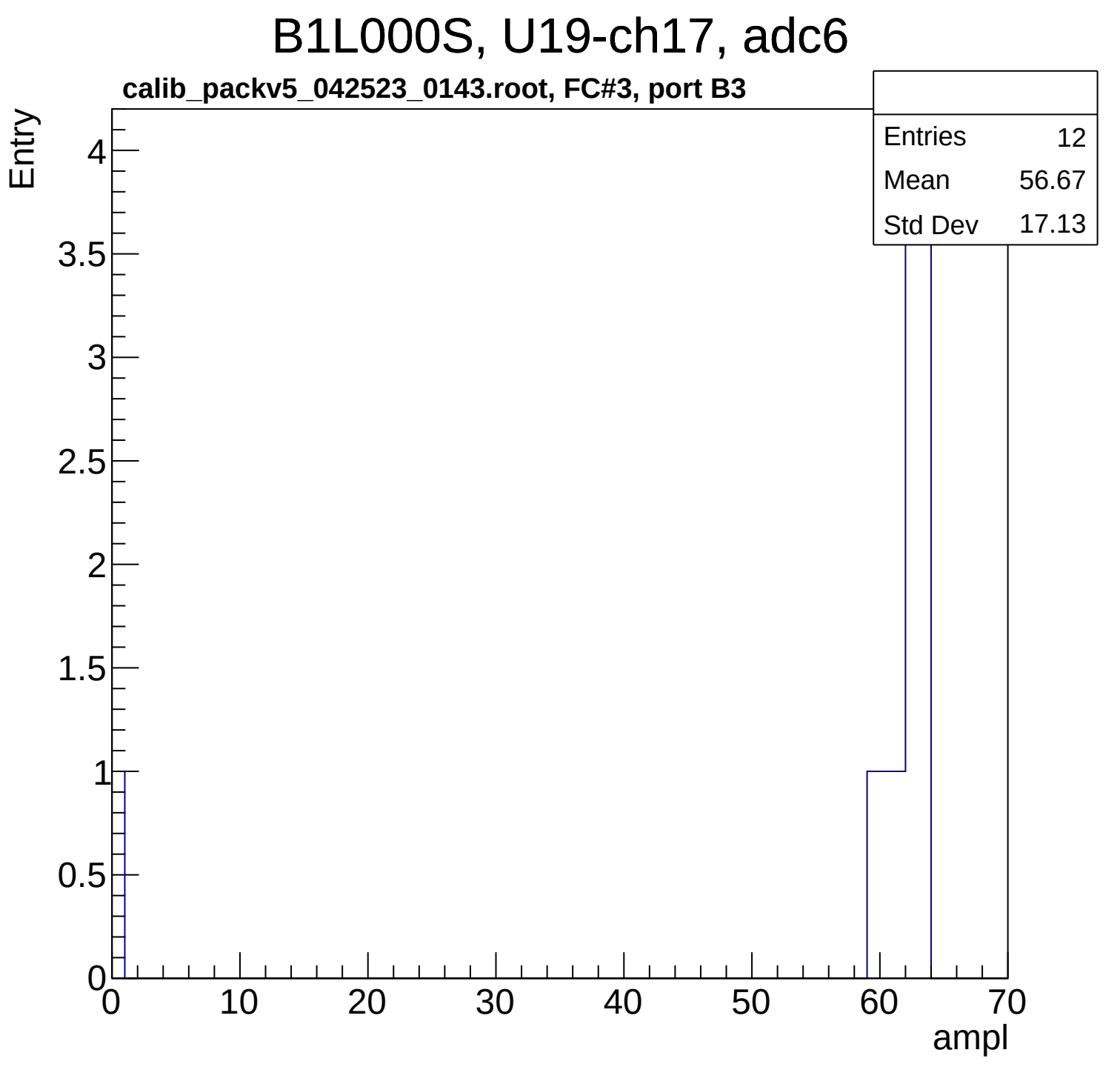
B1L000S, U19-ch17, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 56.67
Std Dev 17.13
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
4
0
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20
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60
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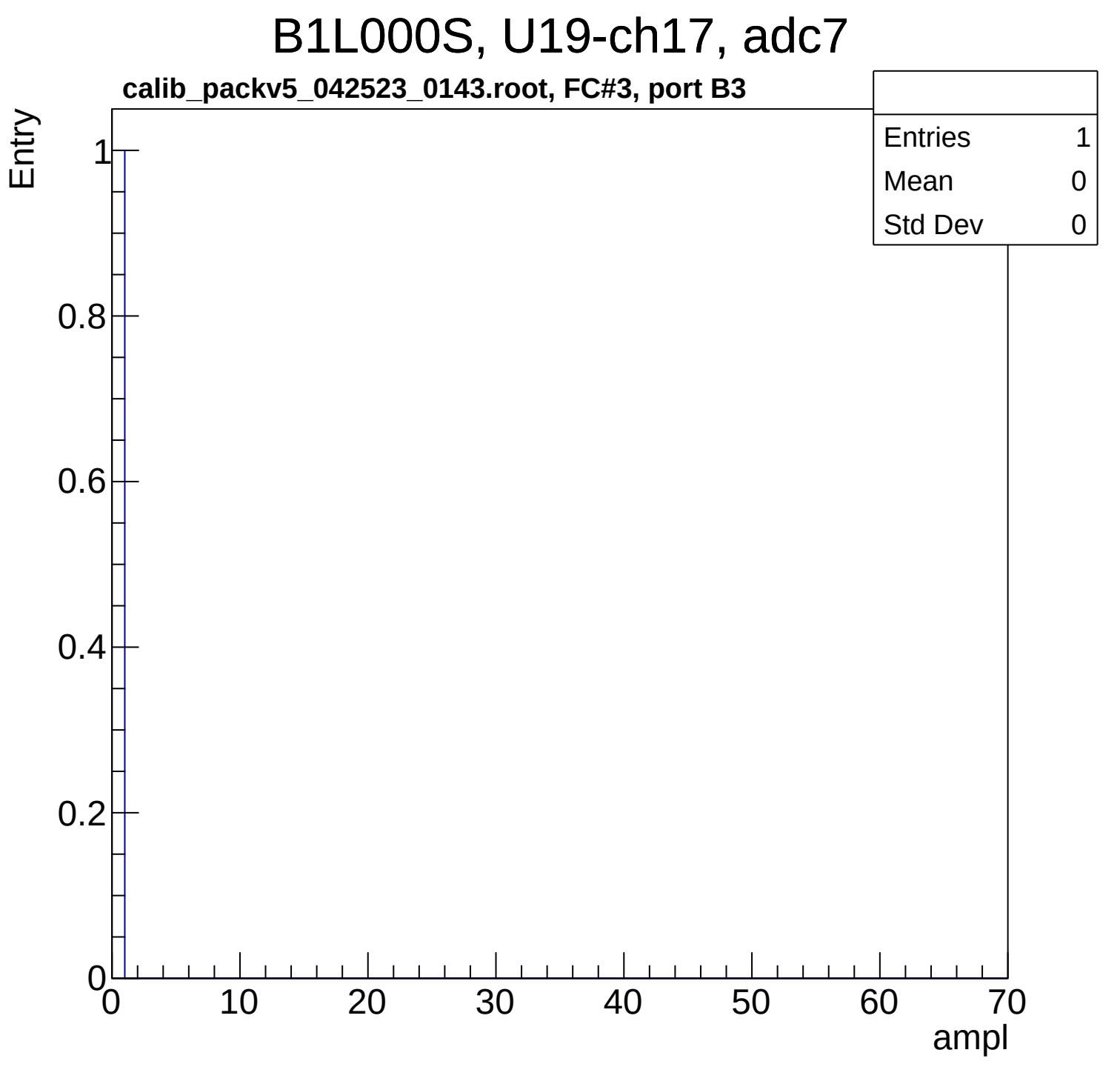
B1L000S, U19-ch17, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
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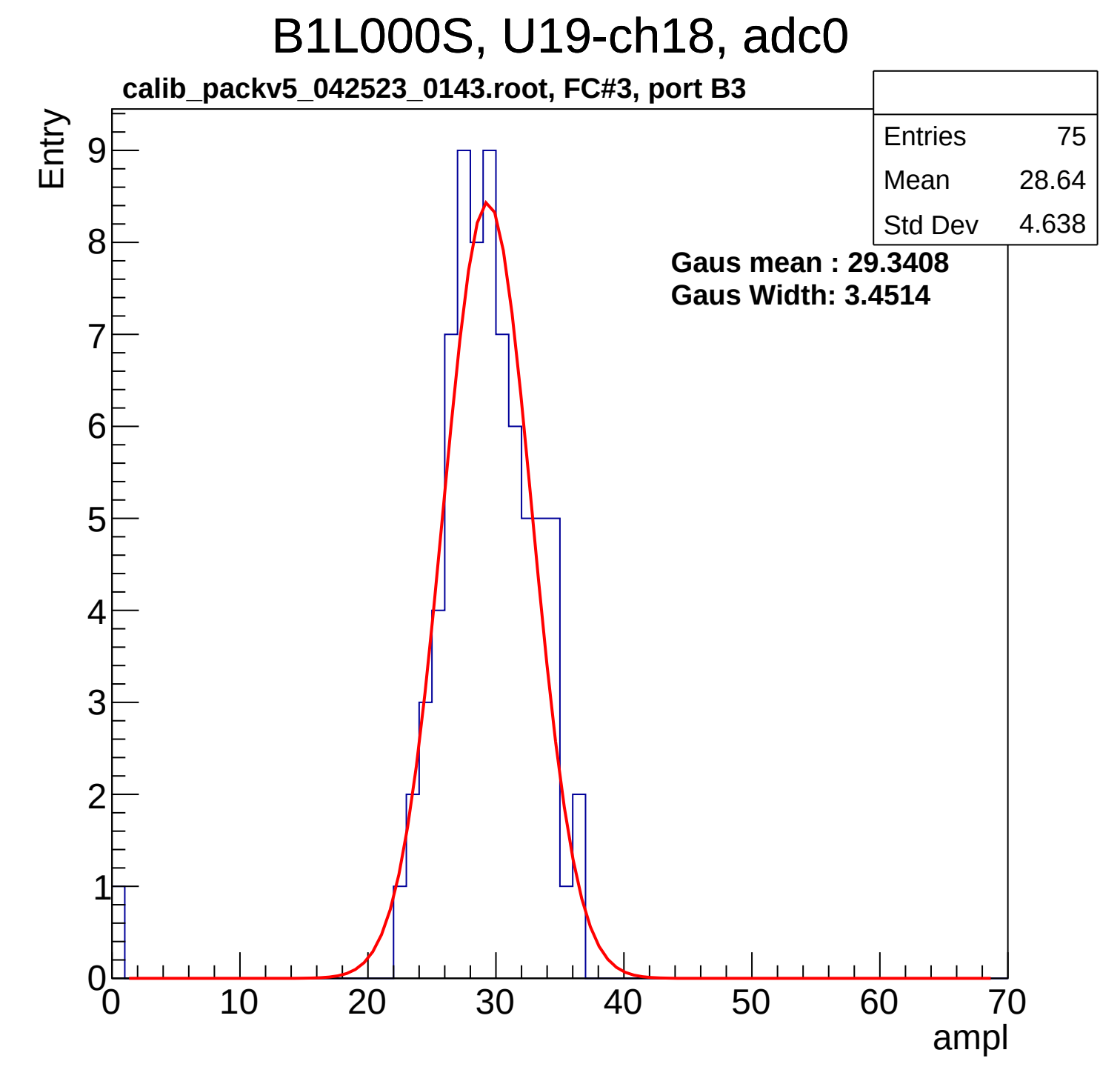
30
40
50
60
70
ampl


B1L000S, U19-ch18, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 28.64
Std Dev 4.638
Gaus mean : 29.3408
Gaus Width: 3.4514
Entry
ampl
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10
20
30
40
50
60
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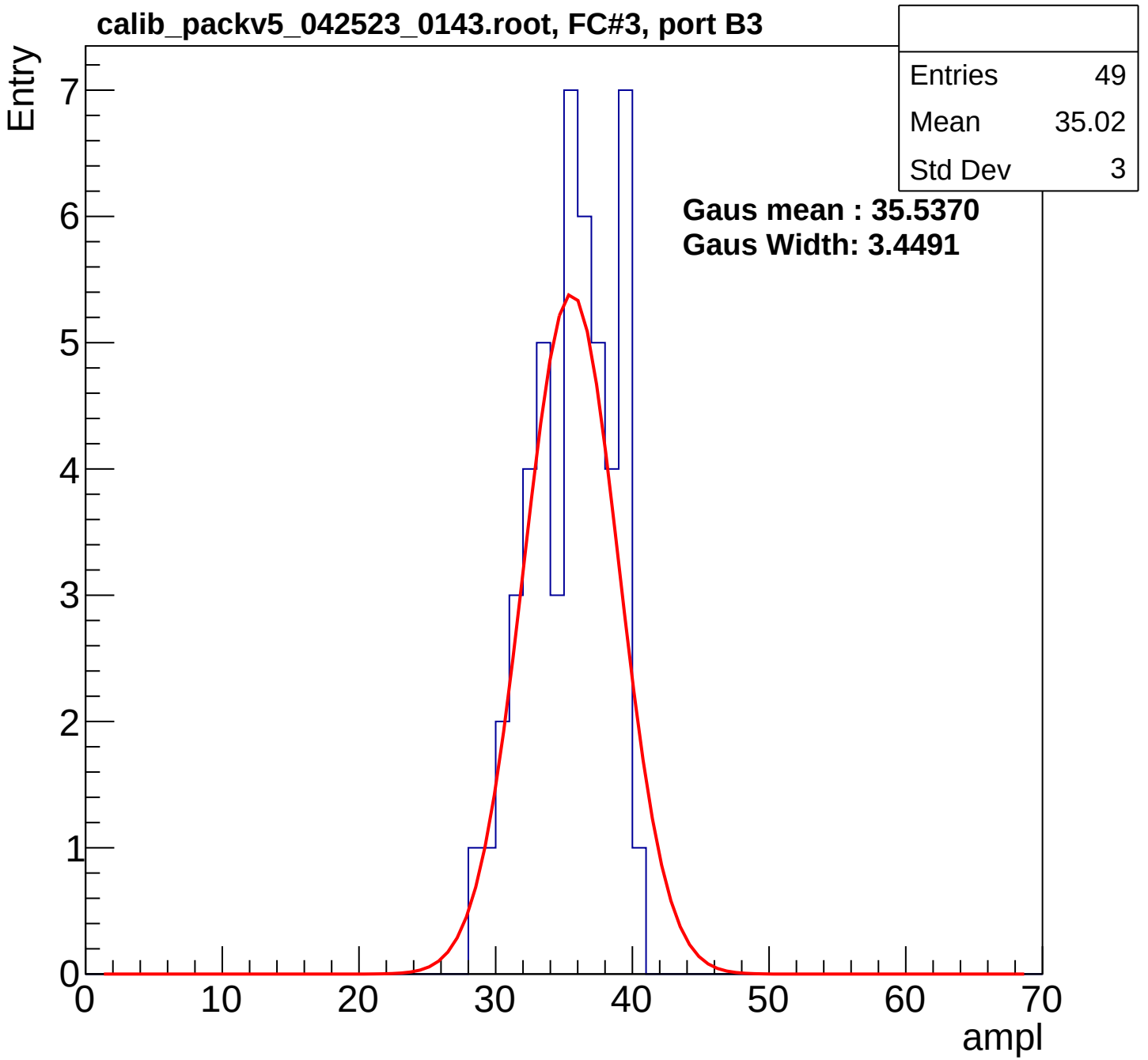
1
2
3
4
5
6
7
8
9


B1L000S, U19-ch18, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 35.02
Std Dev 3
Gaus mean : 35.5370
Gaus Width: 3.4491
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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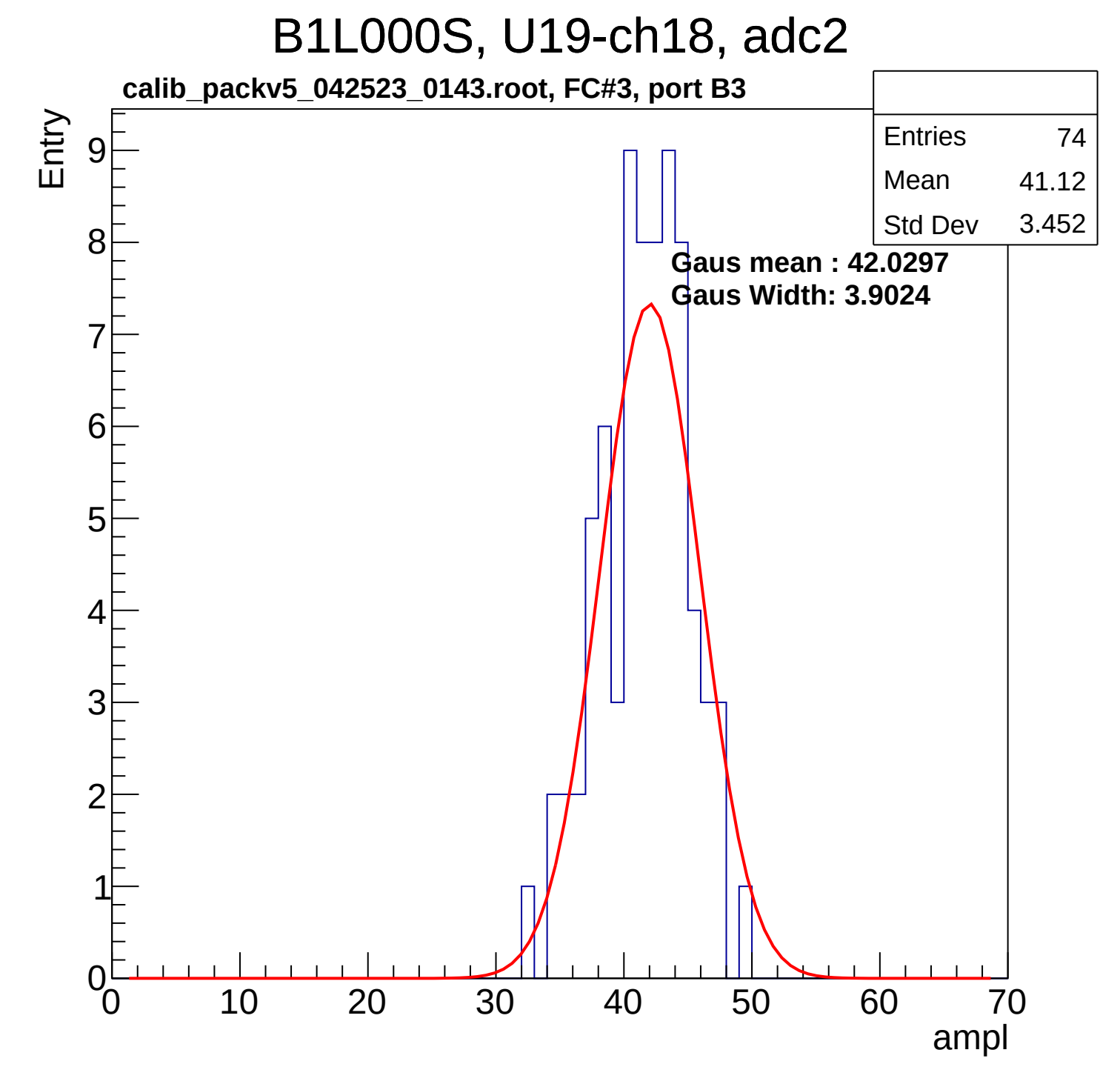
B1L000S, U19-ch18, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 41.12
Std Dev 3.452
Gaus mean : 42.0297
Gaus Width: 3.9024
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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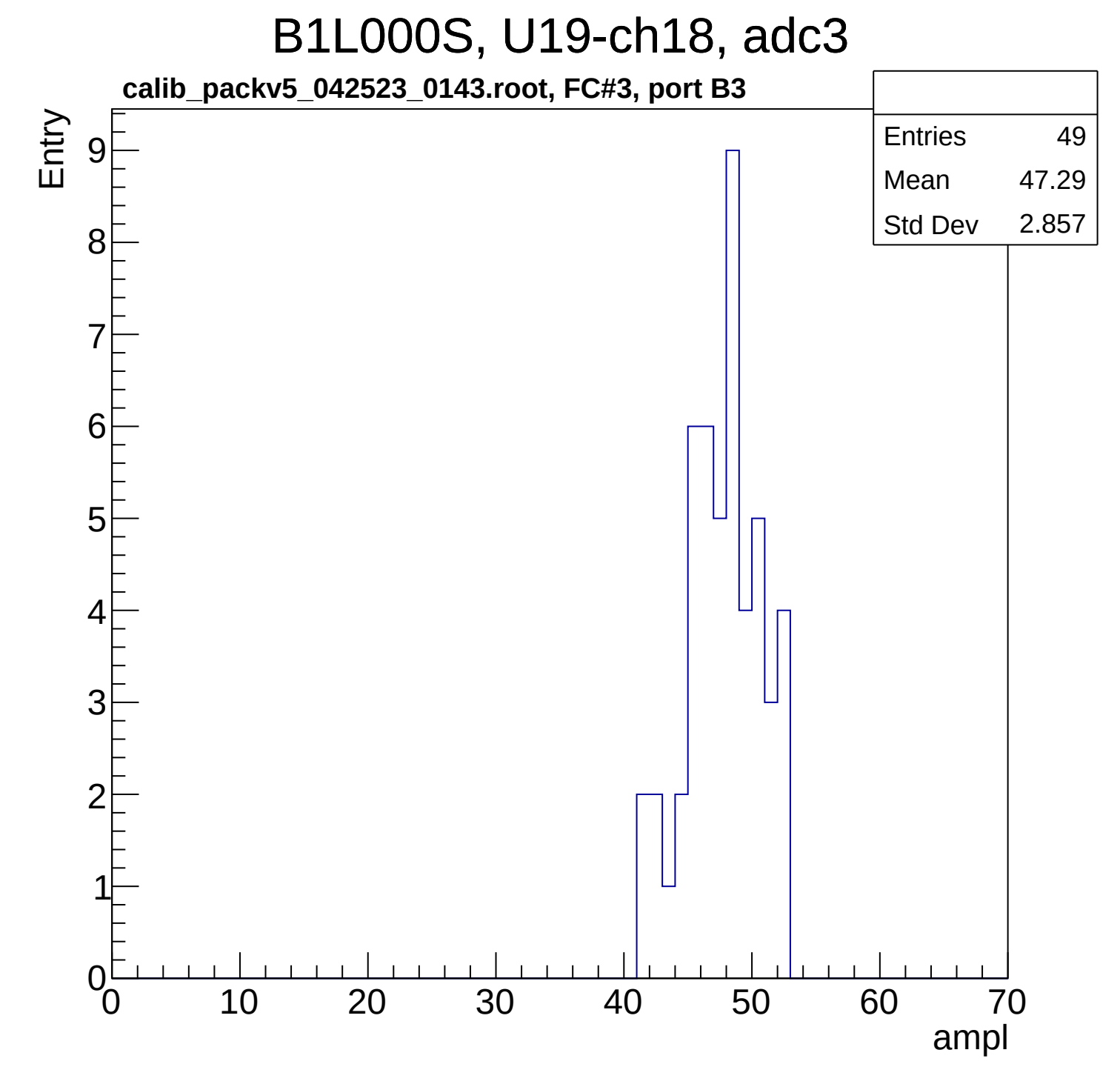
B1L000S, U19-ch18, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 47.29
Std Dev 2.857
Entry
ampl
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3
4
5
6
7
8
9
0
10
20
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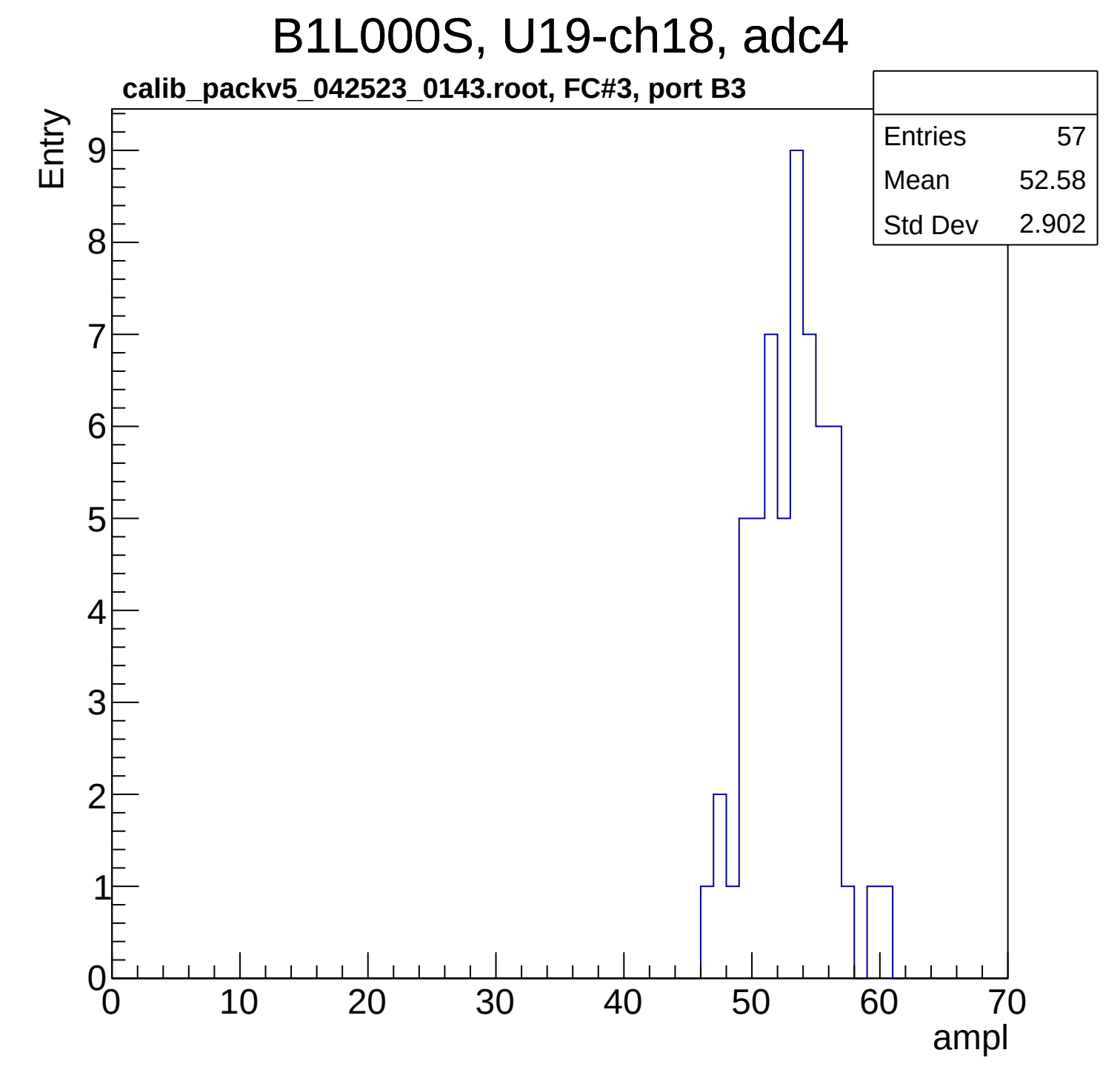
50
60
70


B1L000S, U19-ch18, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 52.58
Std Dev 2.902
Entry
ampl
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3
4
5
6
7
8
9
0
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20
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40
50
60
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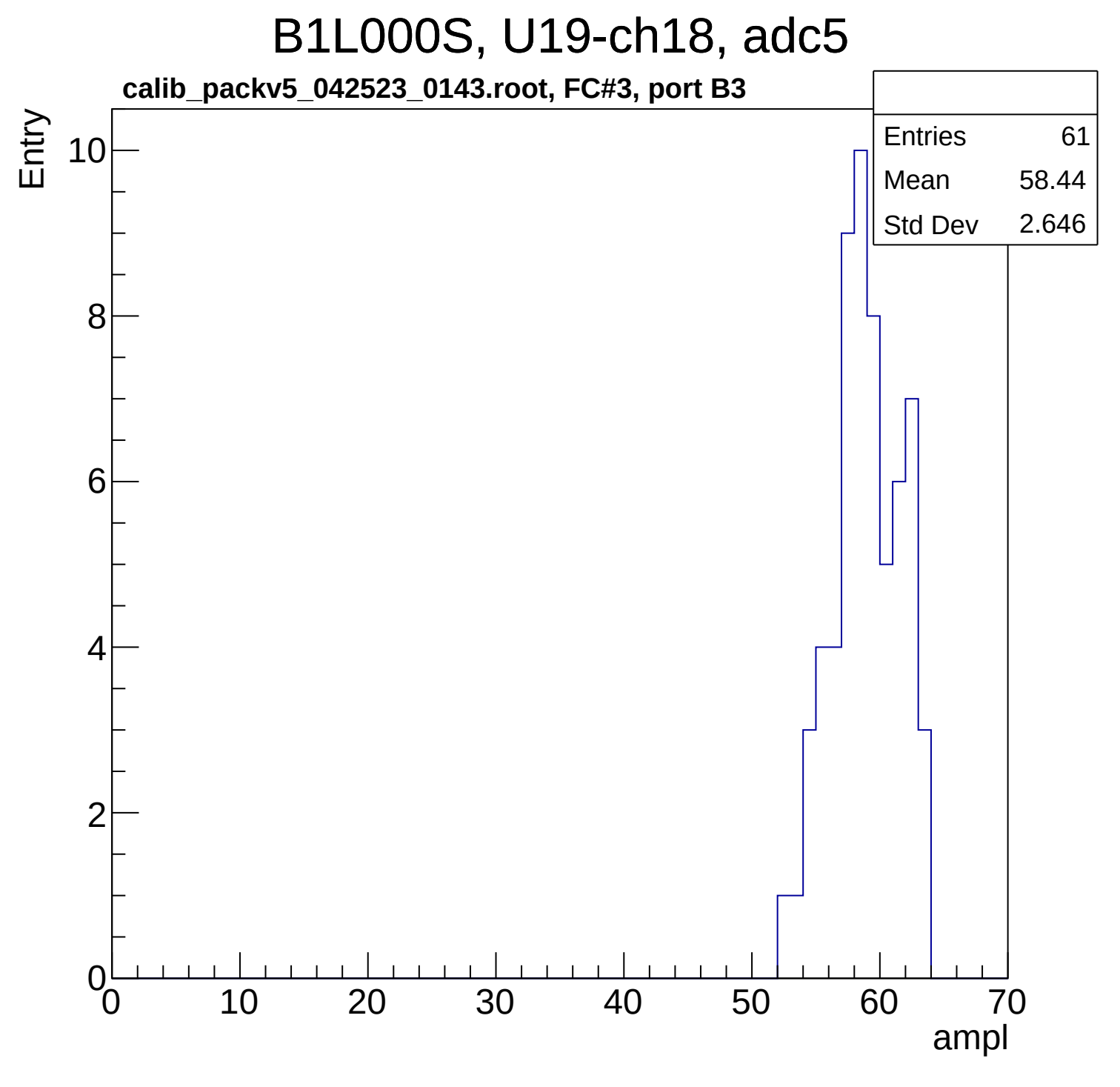
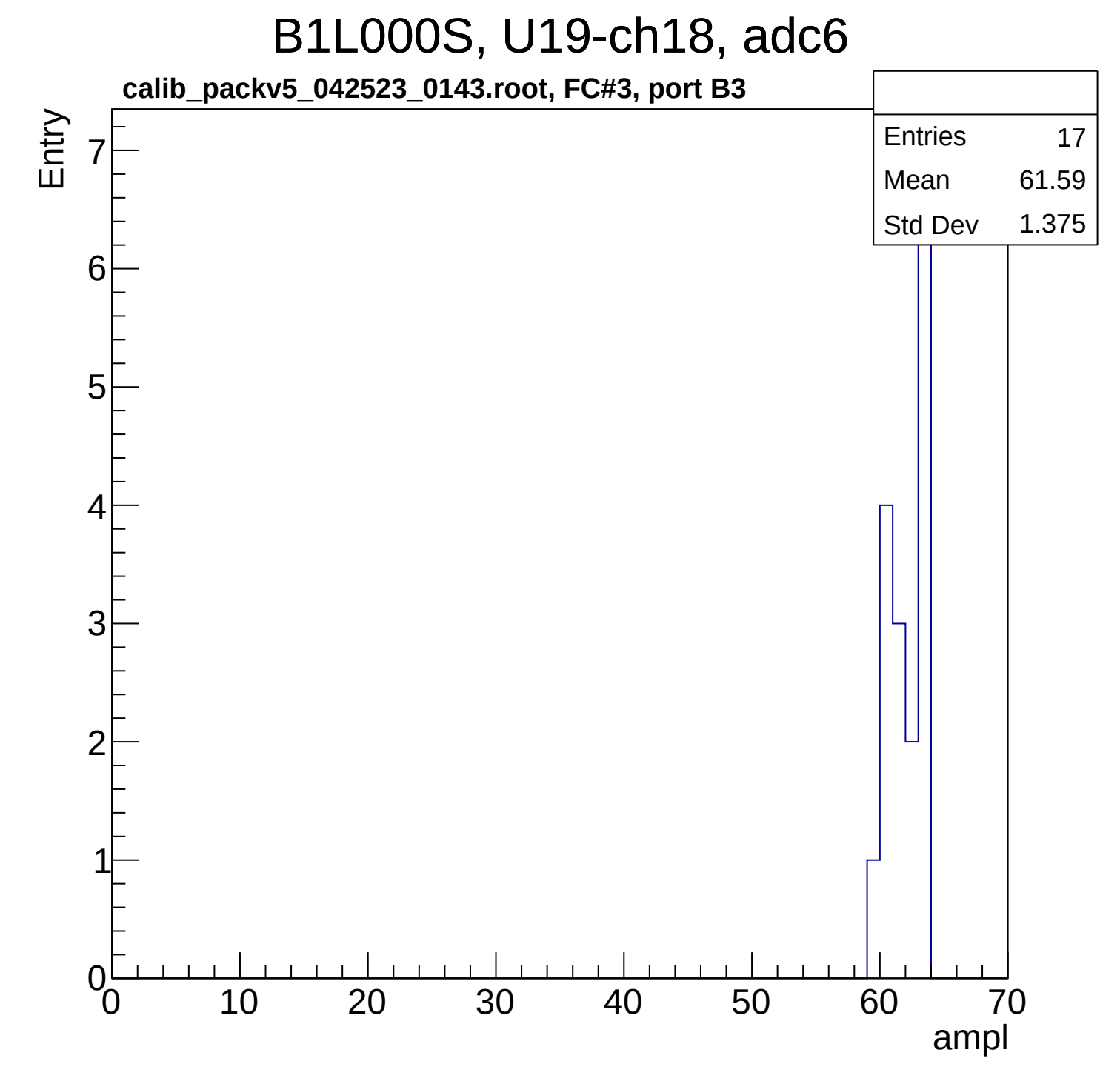
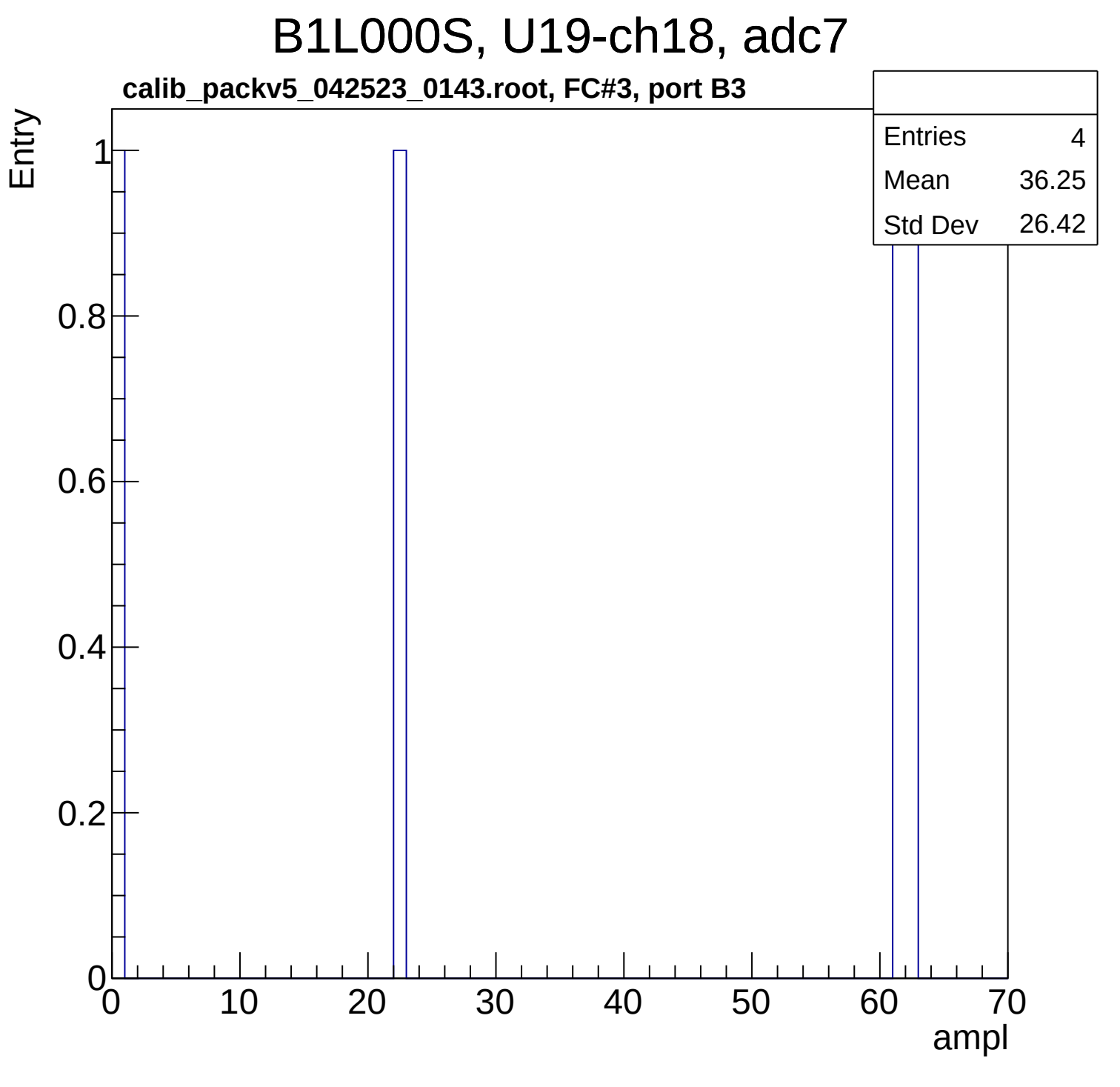

B1L000S, U19-ch18, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 58.44
Std Dev 2.646
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch18, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 61.59
Std Dev 1.375
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U19-ch18, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 36.25
Std Dev 26.42
Entry
ampl
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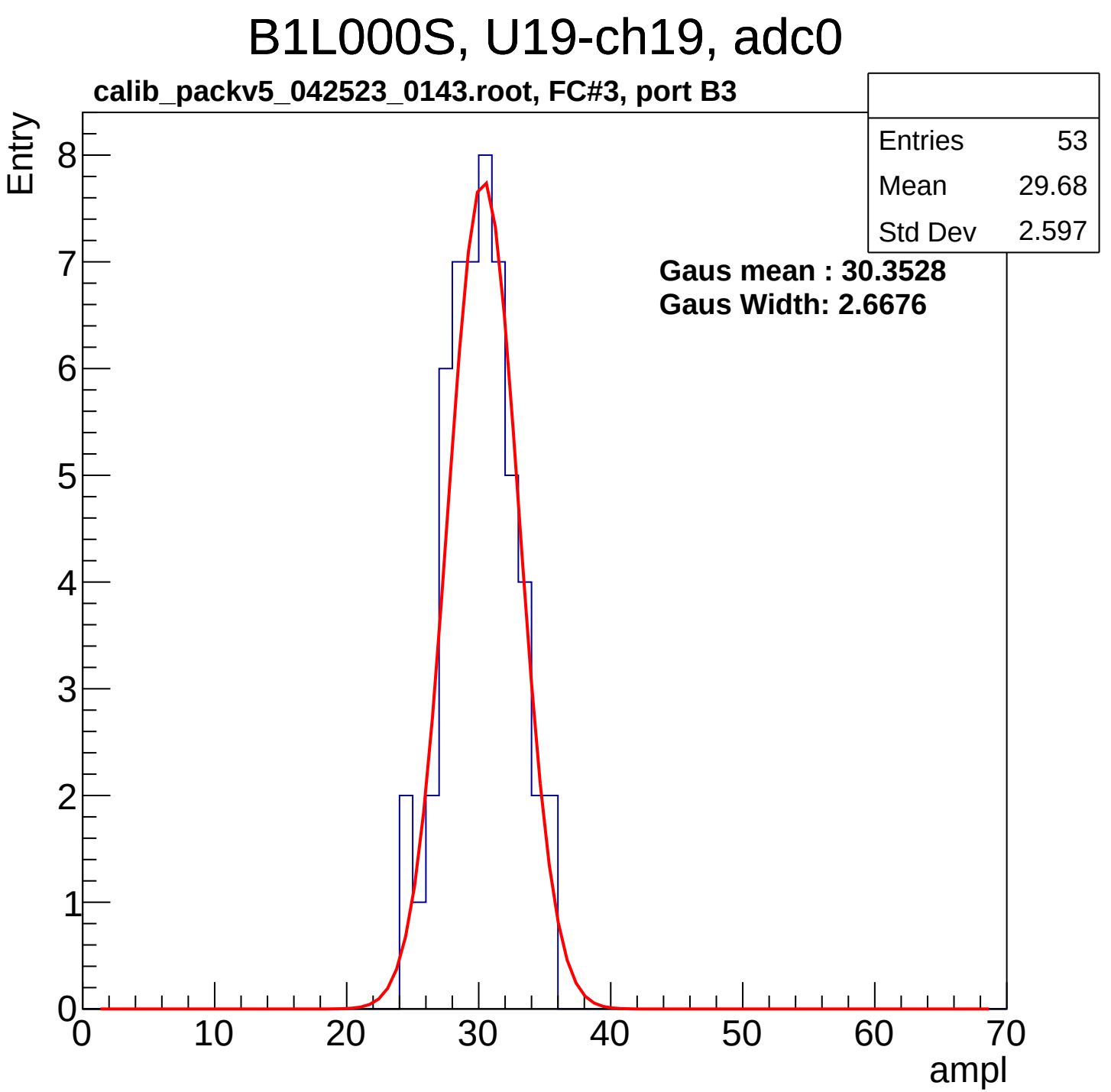
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L000S, U19-ch19, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 29.68
Std Dev 2.597
Gaus mean : 30.3528
Gaus Width: 2.6676
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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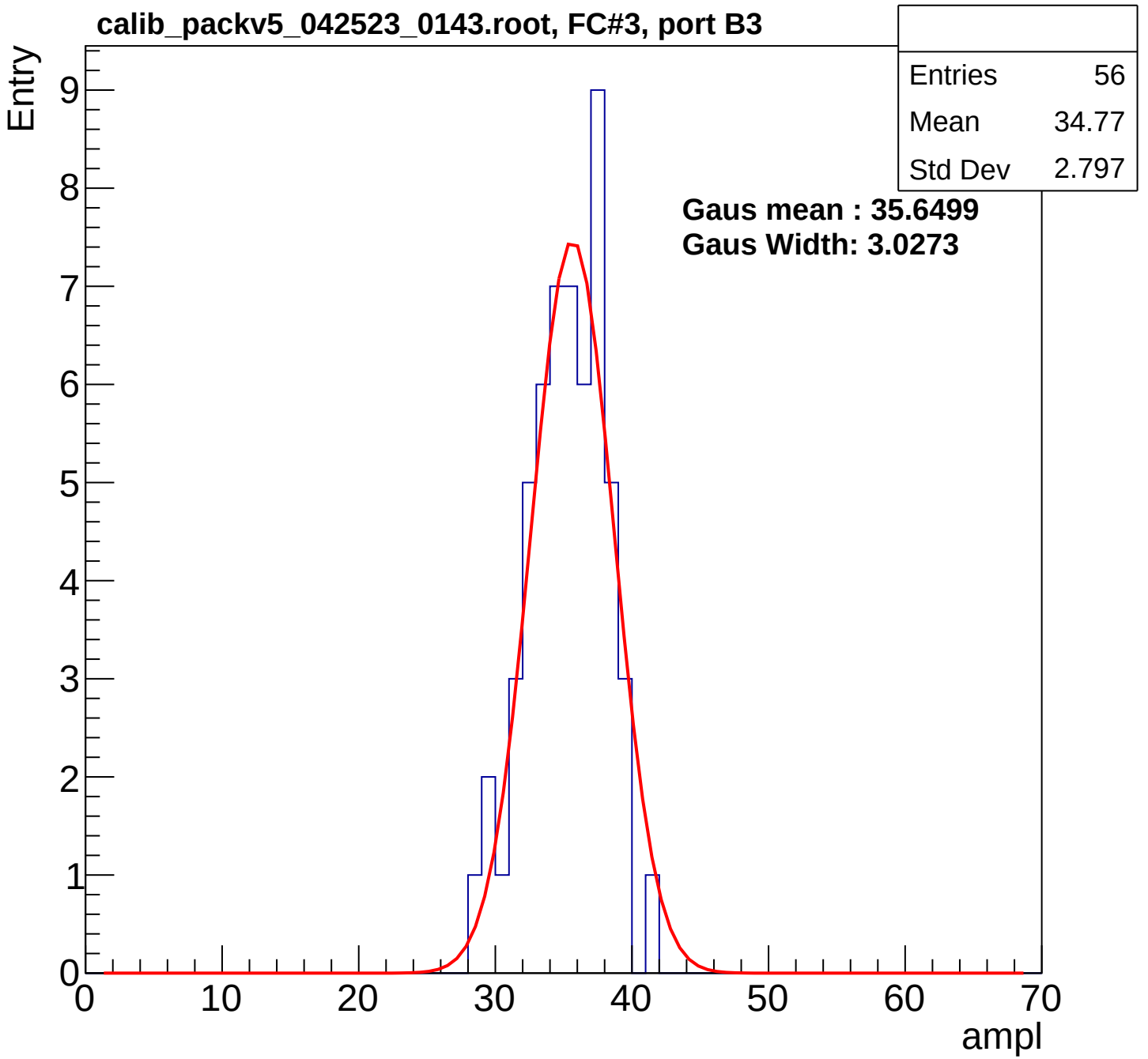
B1L000S, U19-ch19, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 34.77
Std Dev 2.797
Gaus mean : 35.6499
Gaus Width: 3.0273
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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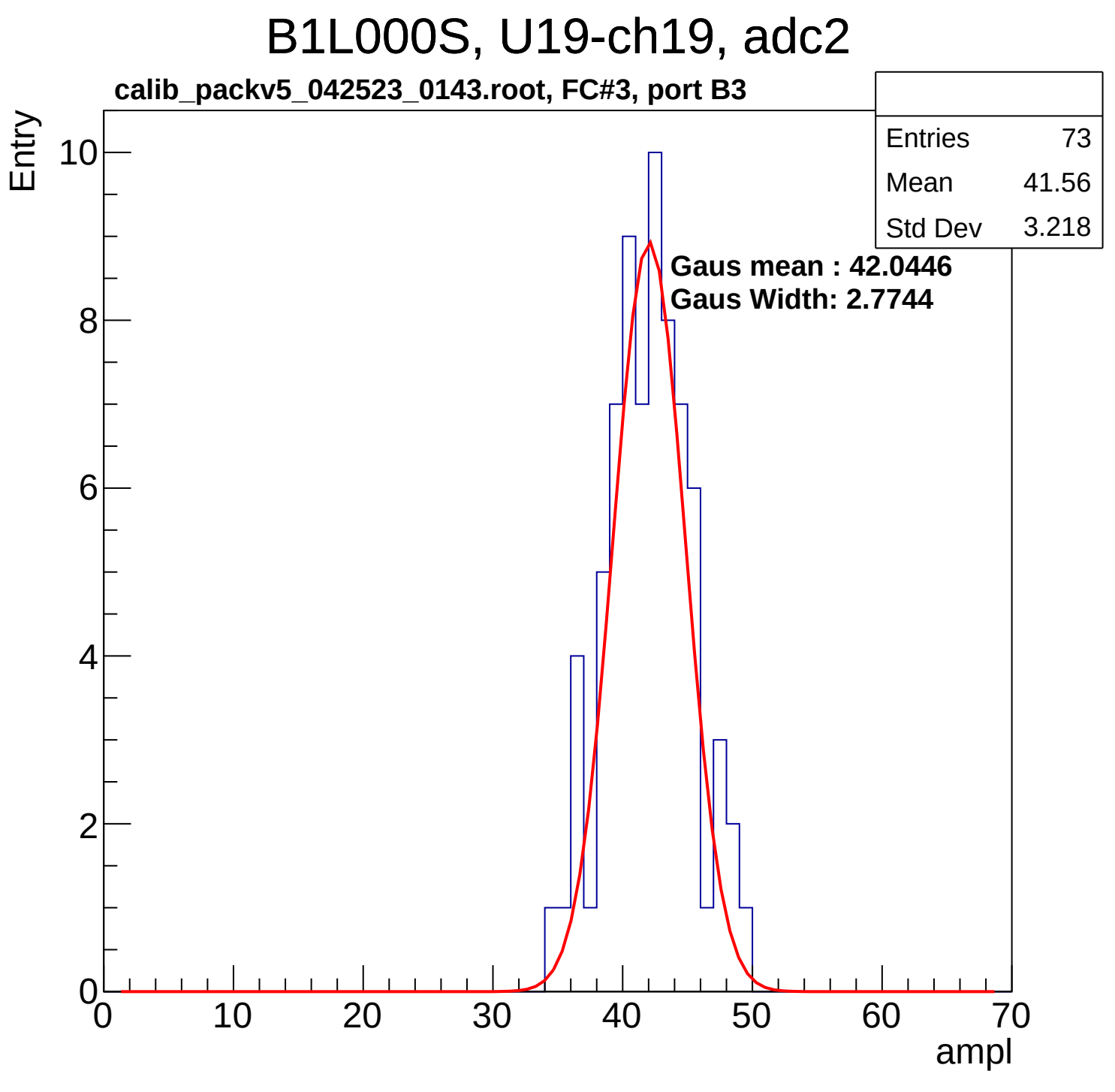
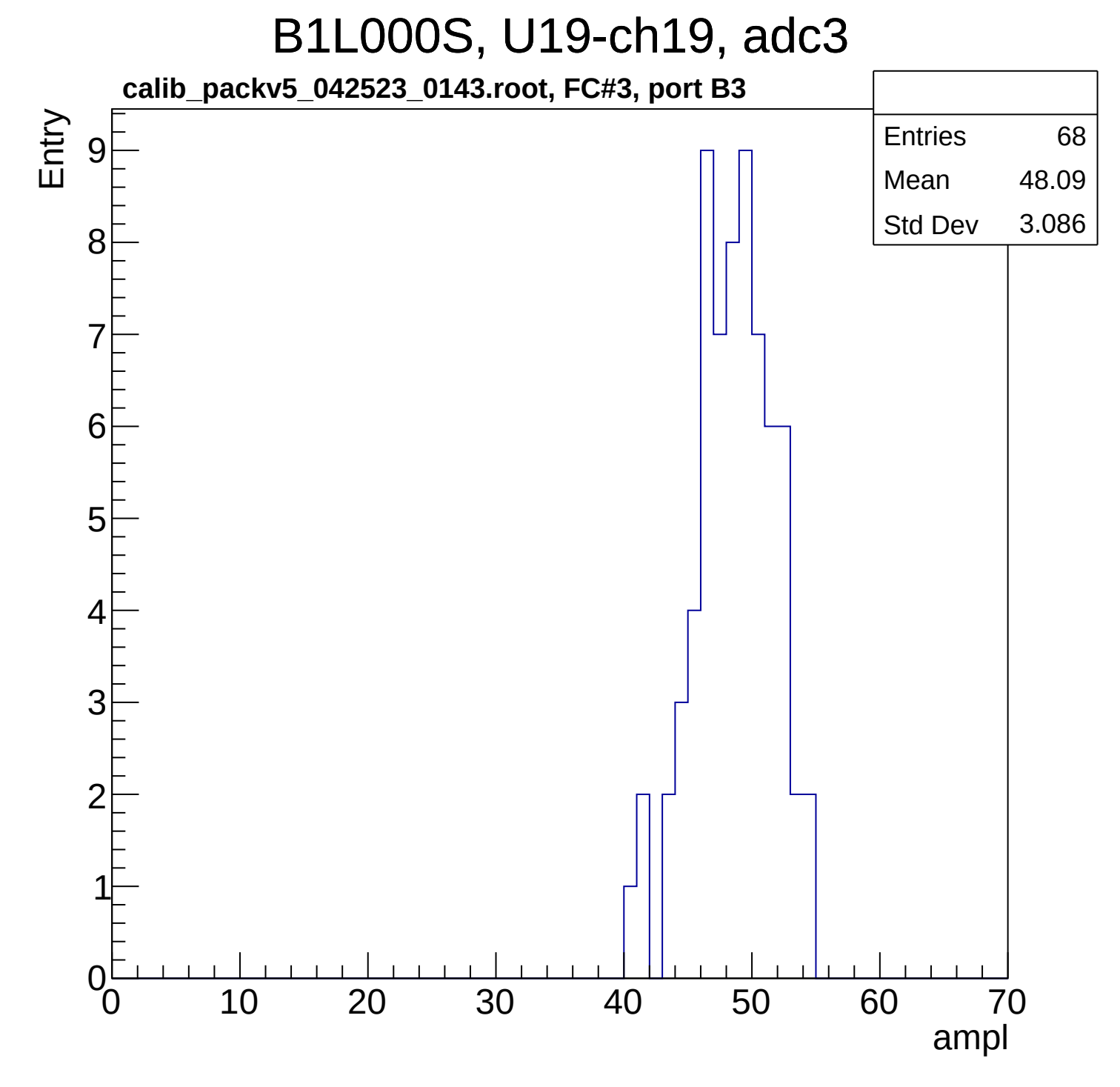

B1L000S, U19-ch19, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 41.56
Std Dev 3.218
Gaus mean : 42.0446
Gaus Width: 2.7744
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch19, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 48.09
Std Dev 3.086
Entry
ampl
0
1
2
3
4
5
6
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0
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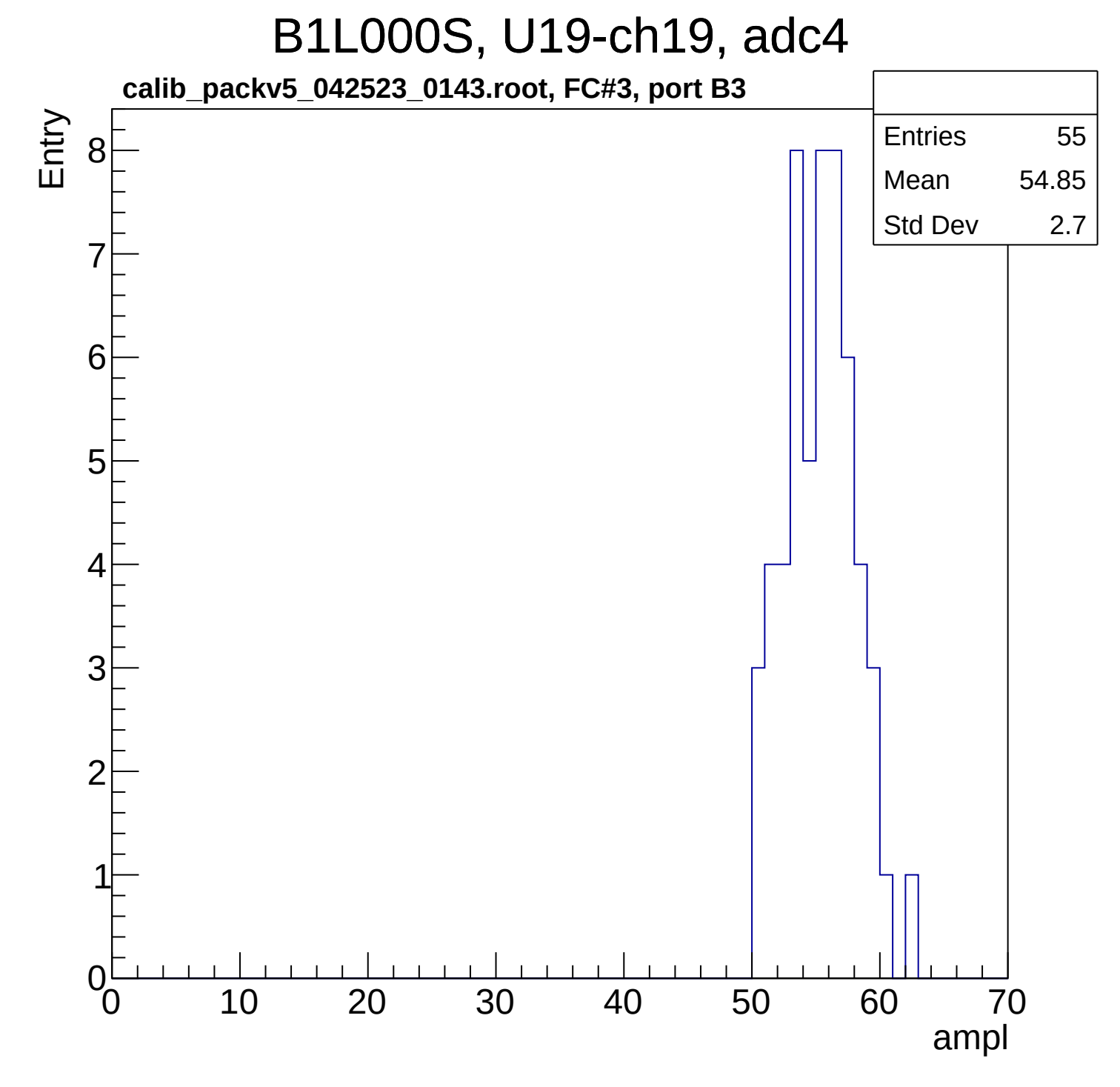
B1L000S, U19-ch19, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 54.85
Std Dev 2.7
Entry
ampl
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1
2
3
4
5
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7
8
0
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40
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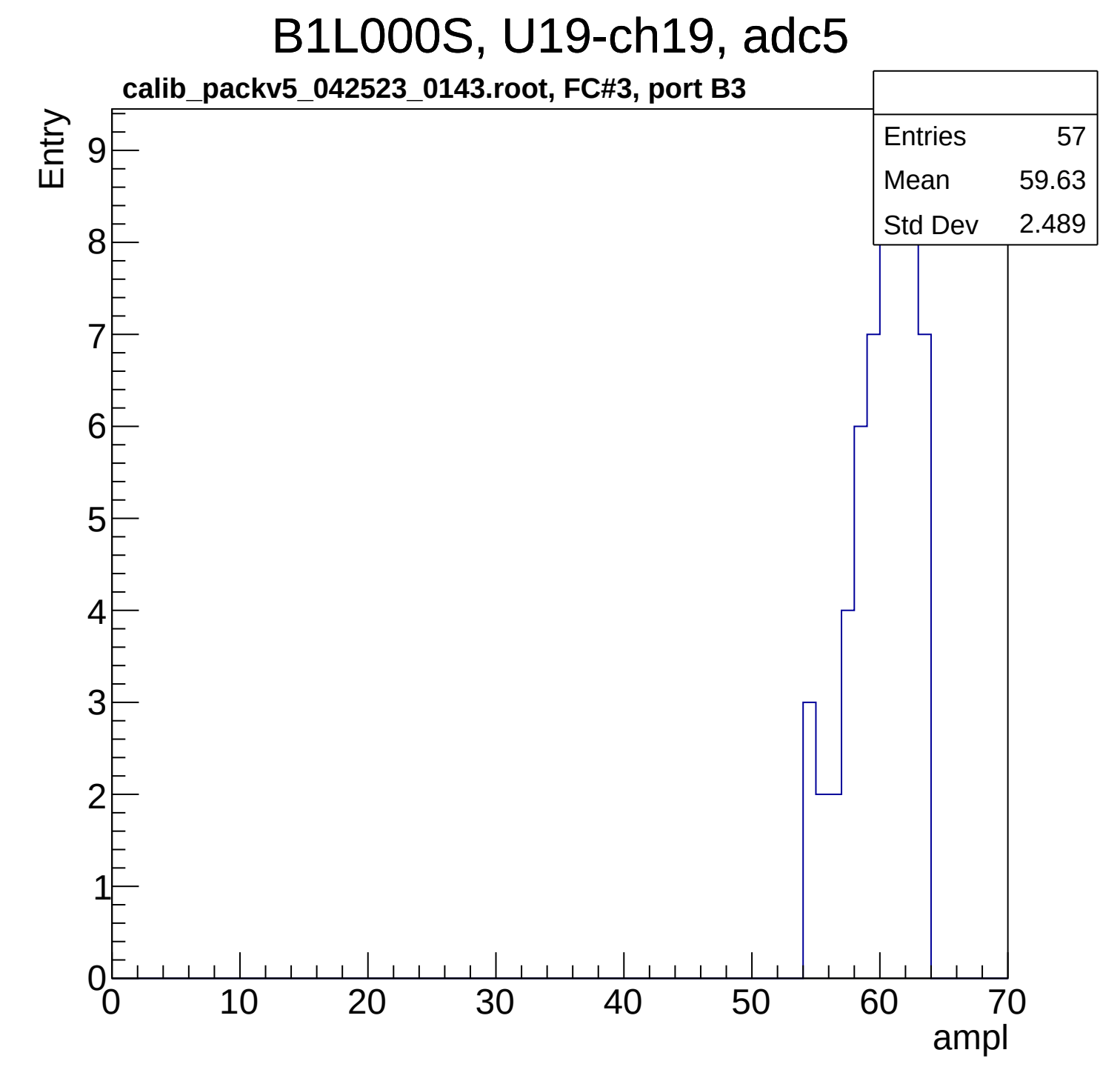
B1L000S, U19-ch19, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 59.63
Std Dev 2.489
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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60
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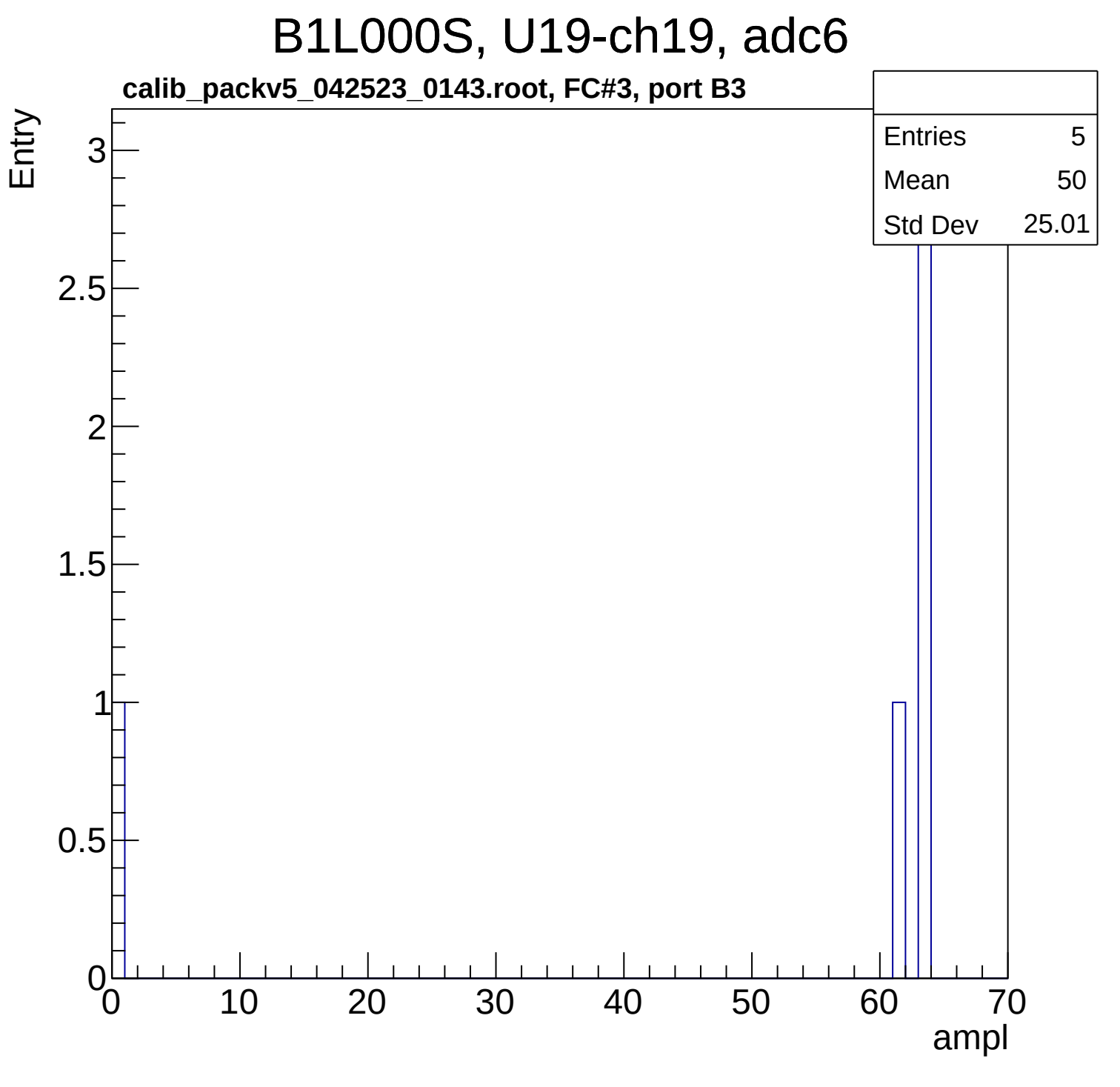
B1L000S, U19-ch19, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 50
Std Dev 25.01
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
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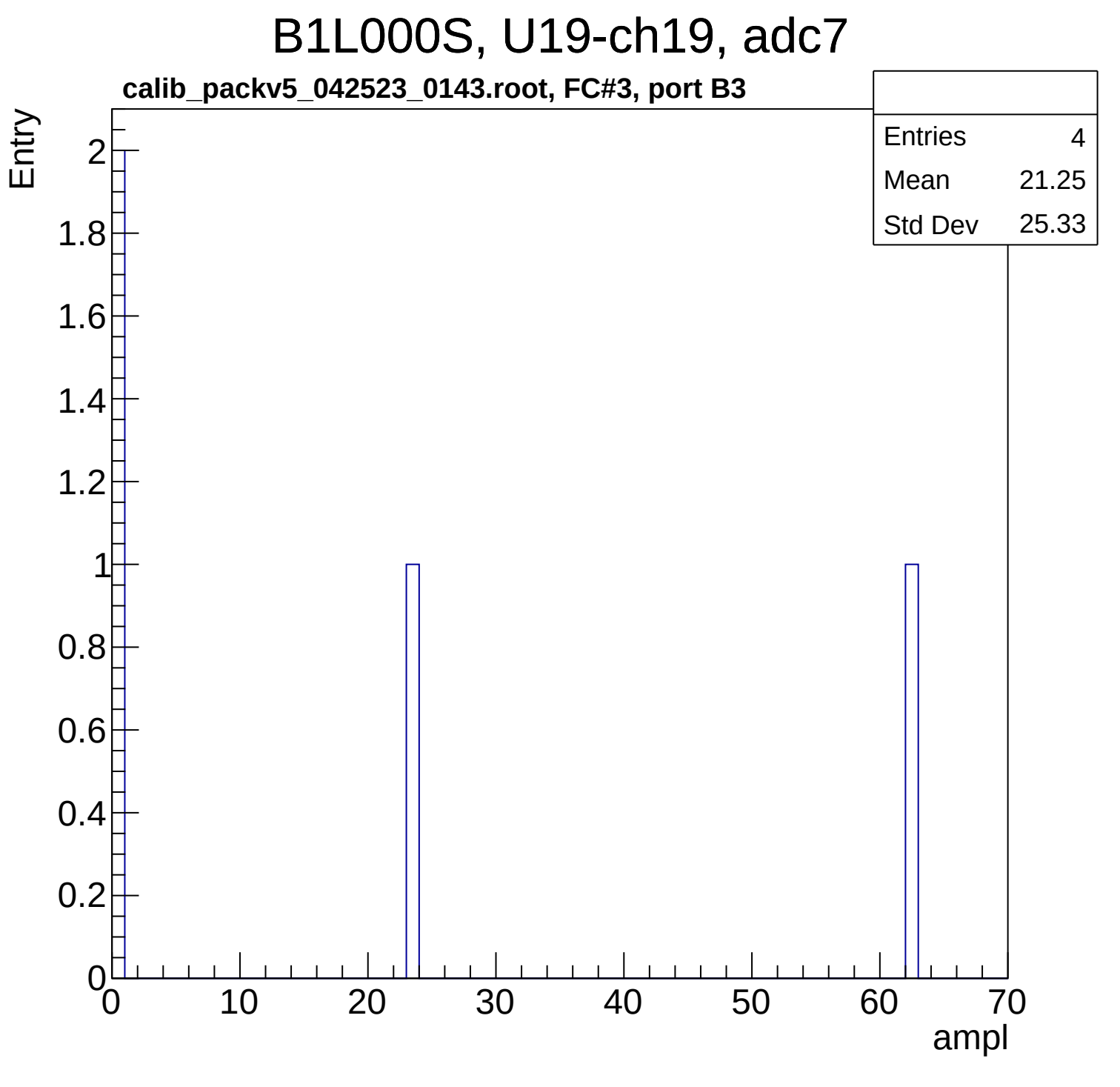
B1L000S, U19-ch19, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 21.25
Std Dev 25.33
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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40
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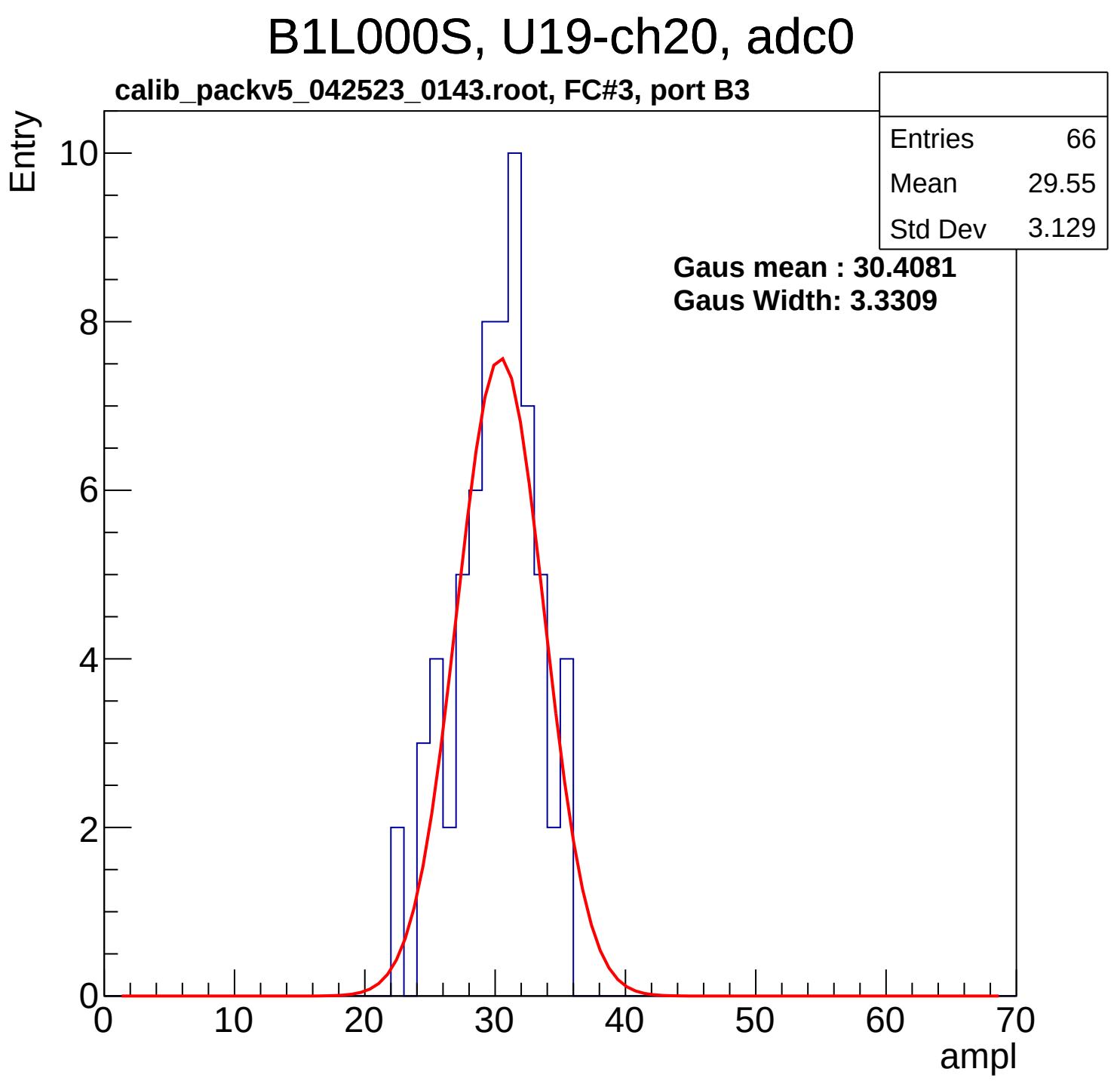
B1L000S, U19-ch20, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 29.55
Std Dev 3.129
Gaus mean : 30.4081
Gaus Width: 3.3309
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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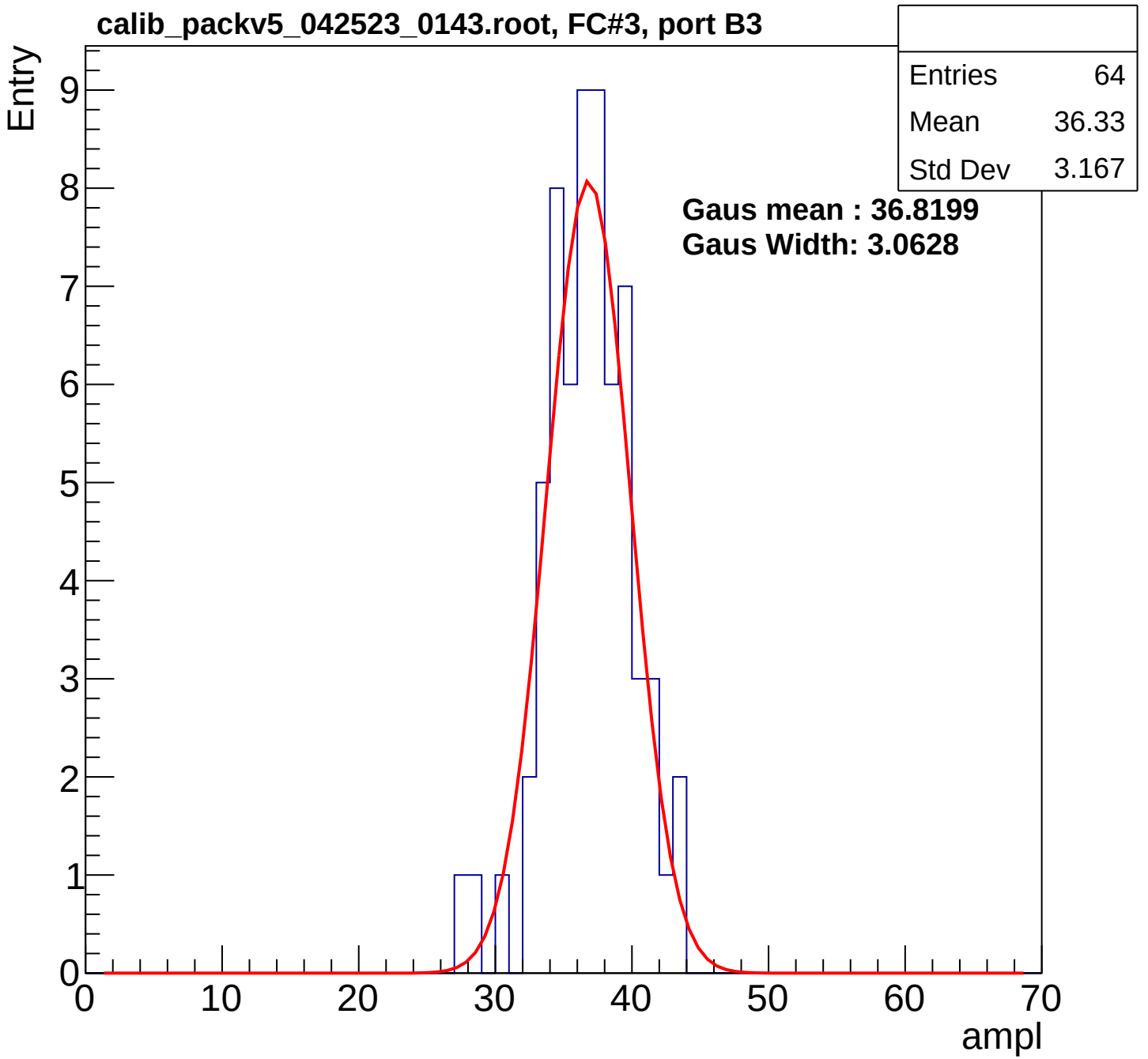
B1L000S, U19-ch20, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 36.33
Std Dev 3.167
Gaus mean : 36.8199
Gaus Width: 3.0628
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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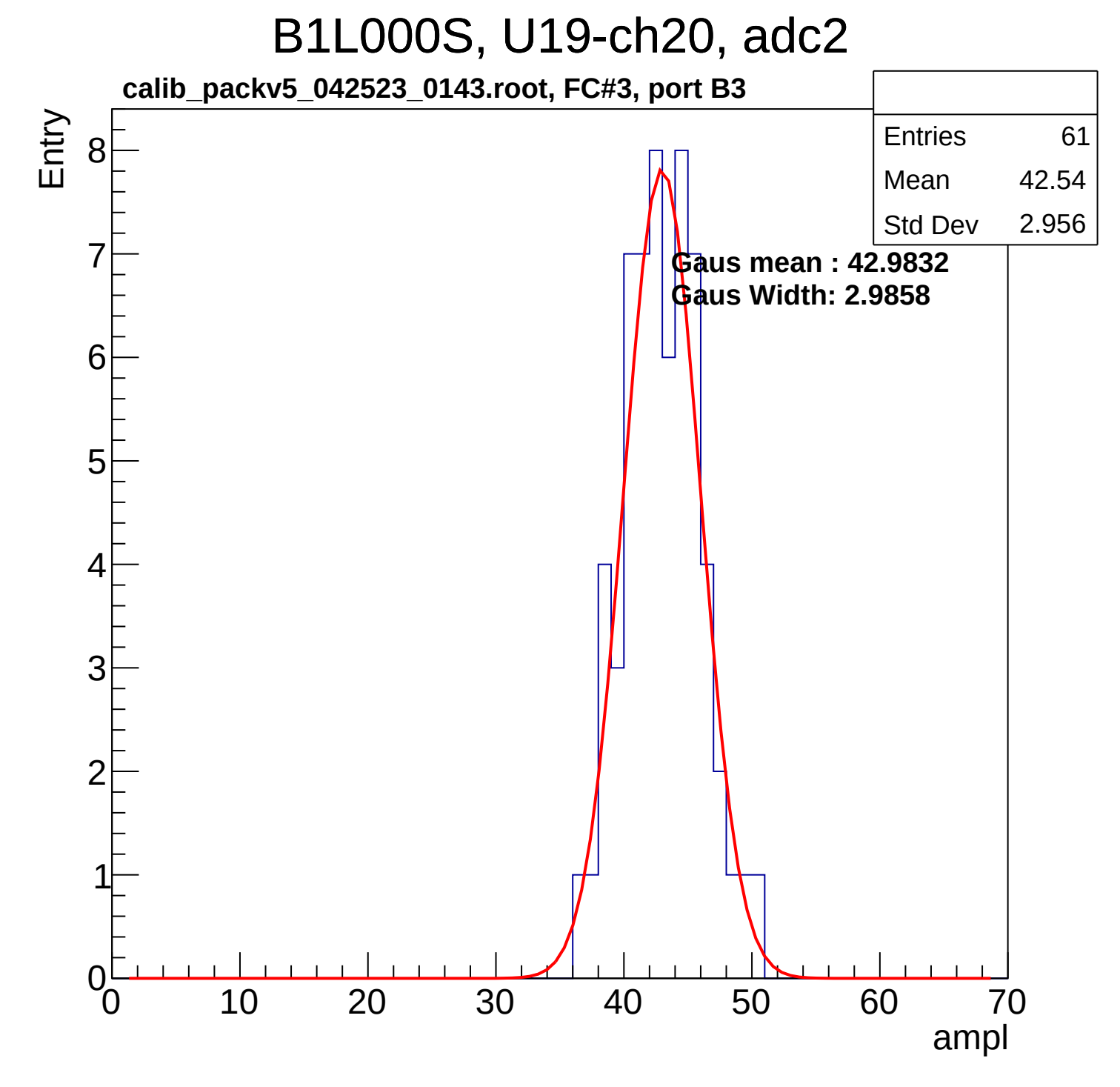
B1L000S, U19-ch20, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 42.54
Std Dev 2.956
Gaus mean : 42.9832
Gaus Width: 2.9858
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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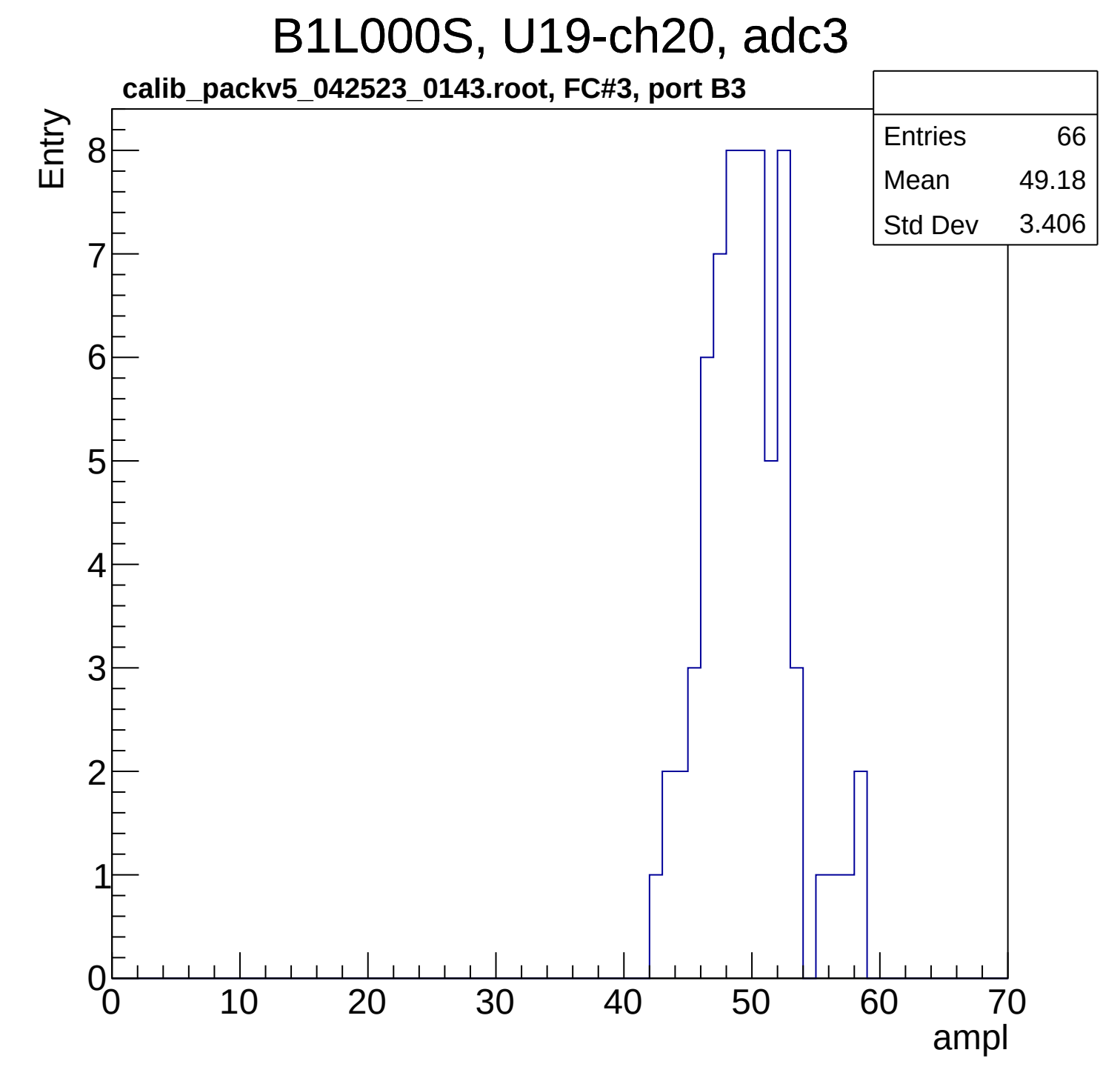
B1L000S, U19-ch20, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 49.18
Std Dev 3.406
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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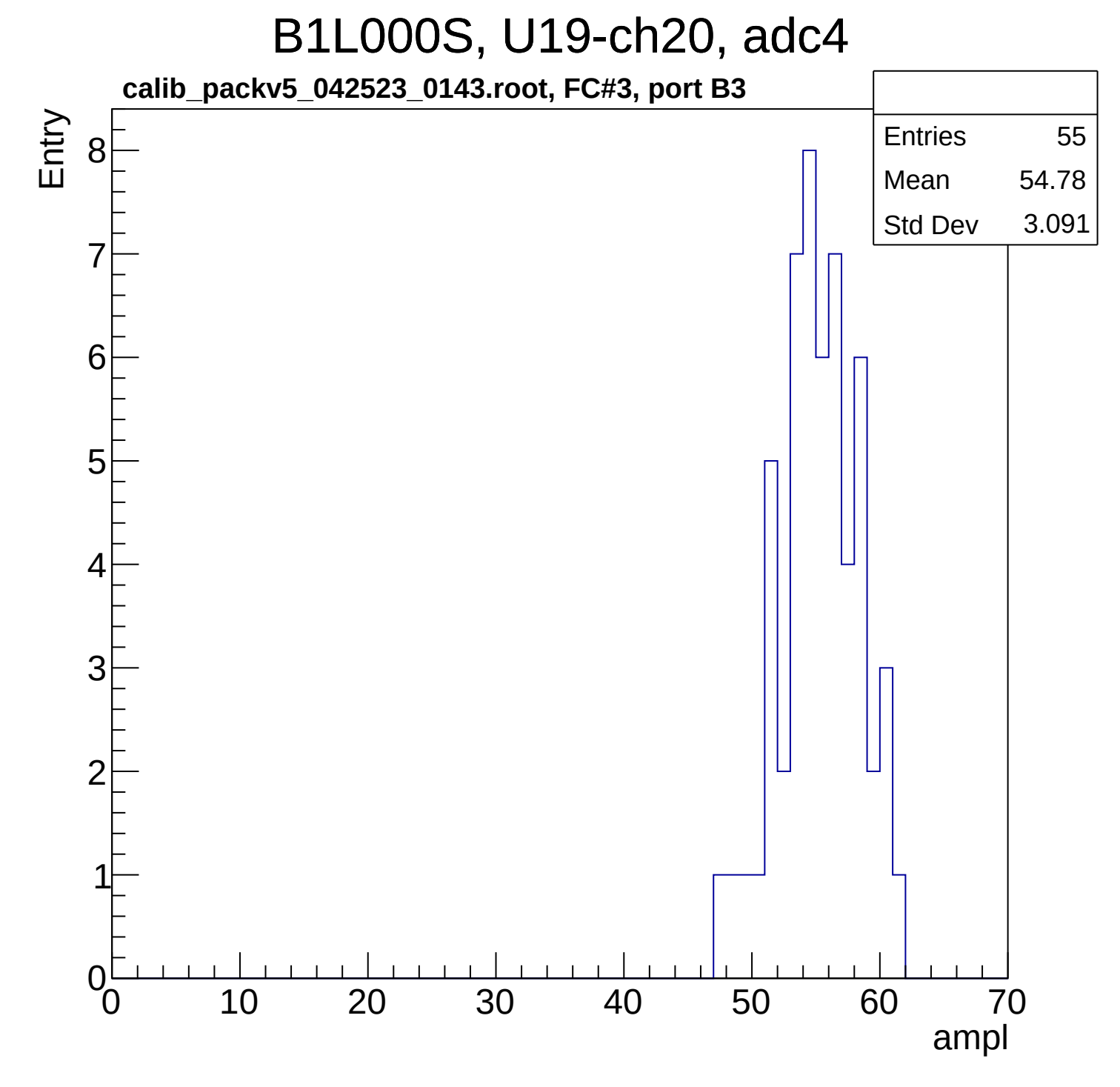
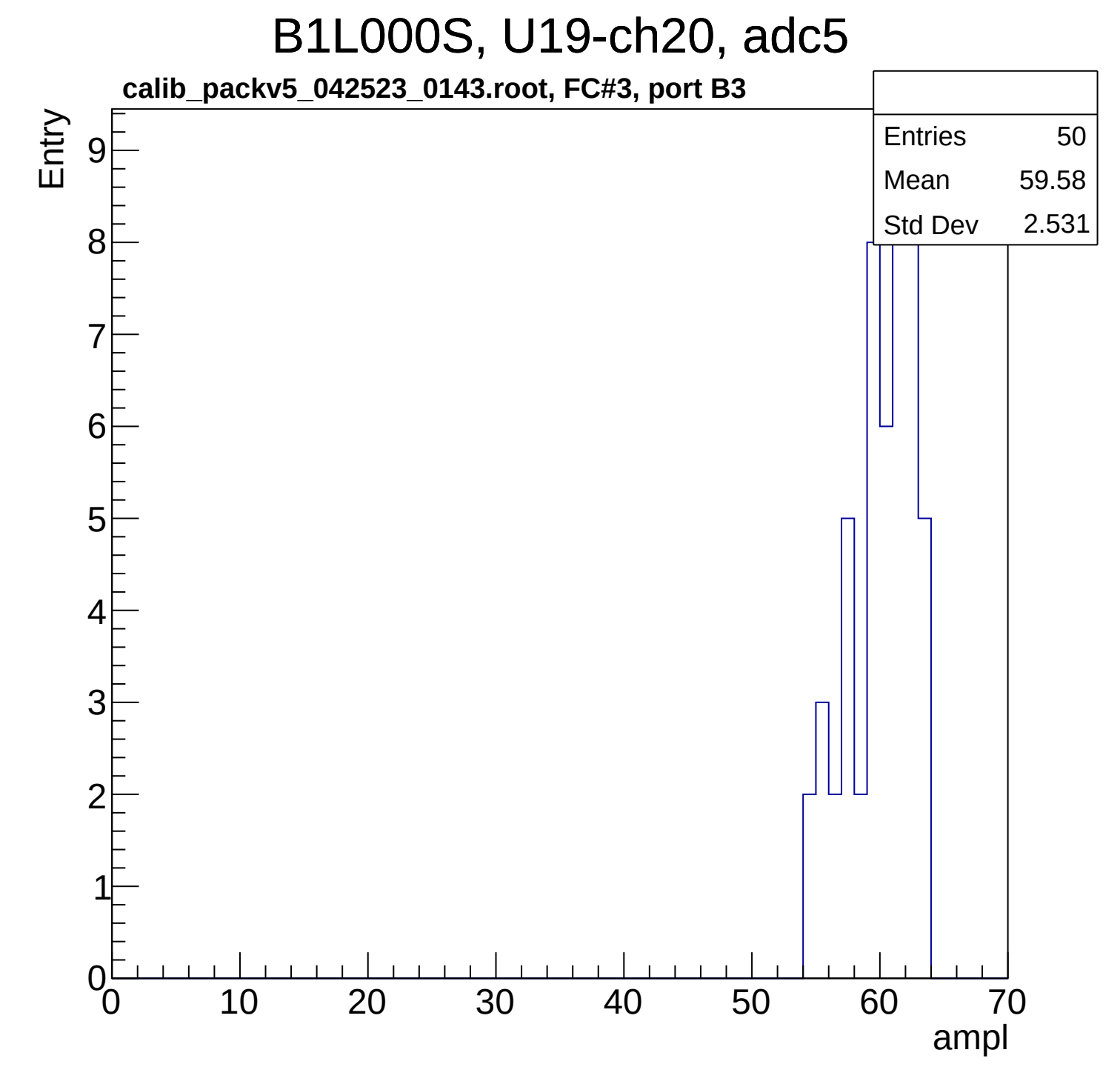
40
50
60
70


B1L000S, U19-ch20, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 54.78
Std Dev 3.091
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch20, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 59.58
Std Dev 2.531
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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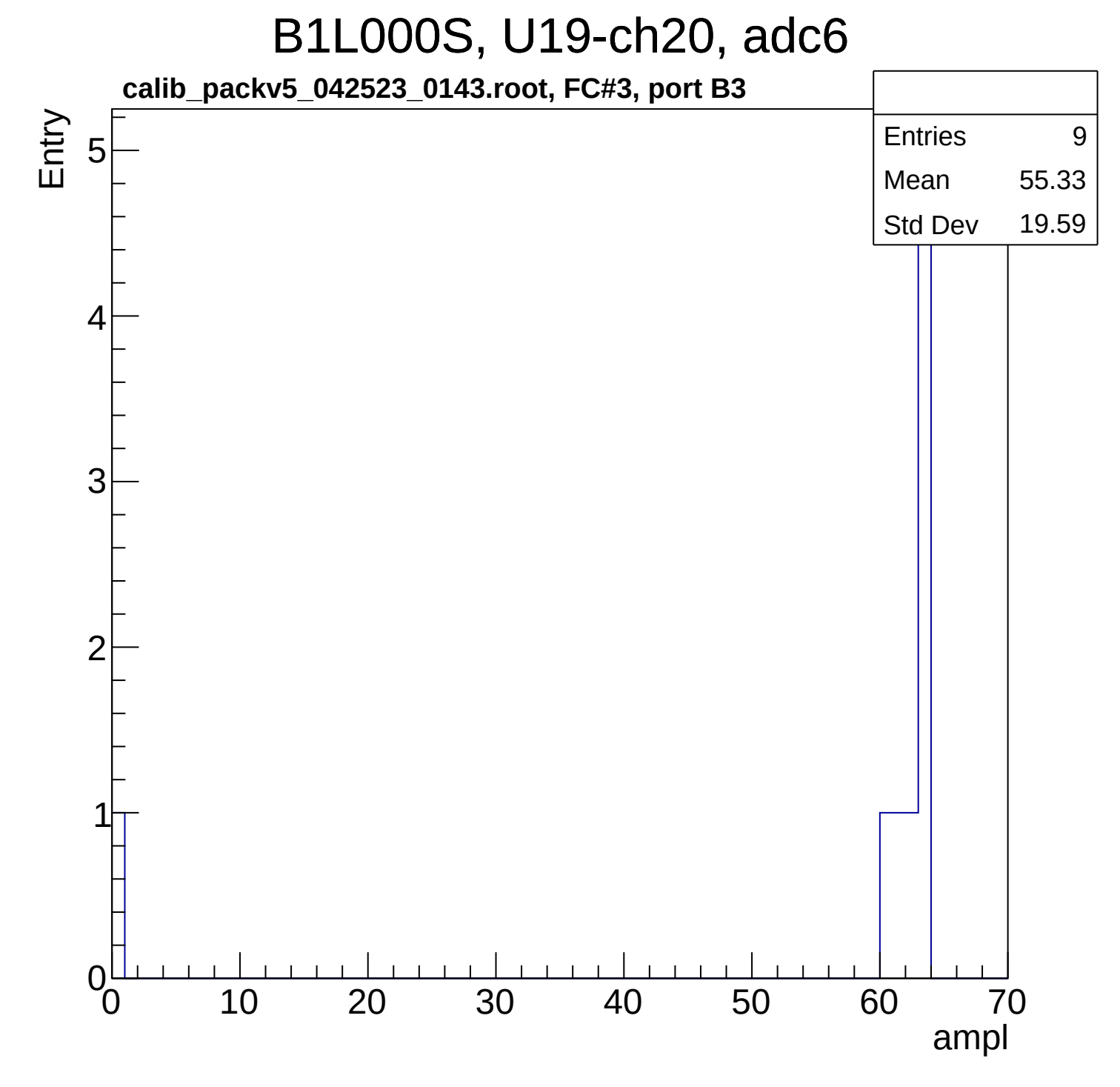
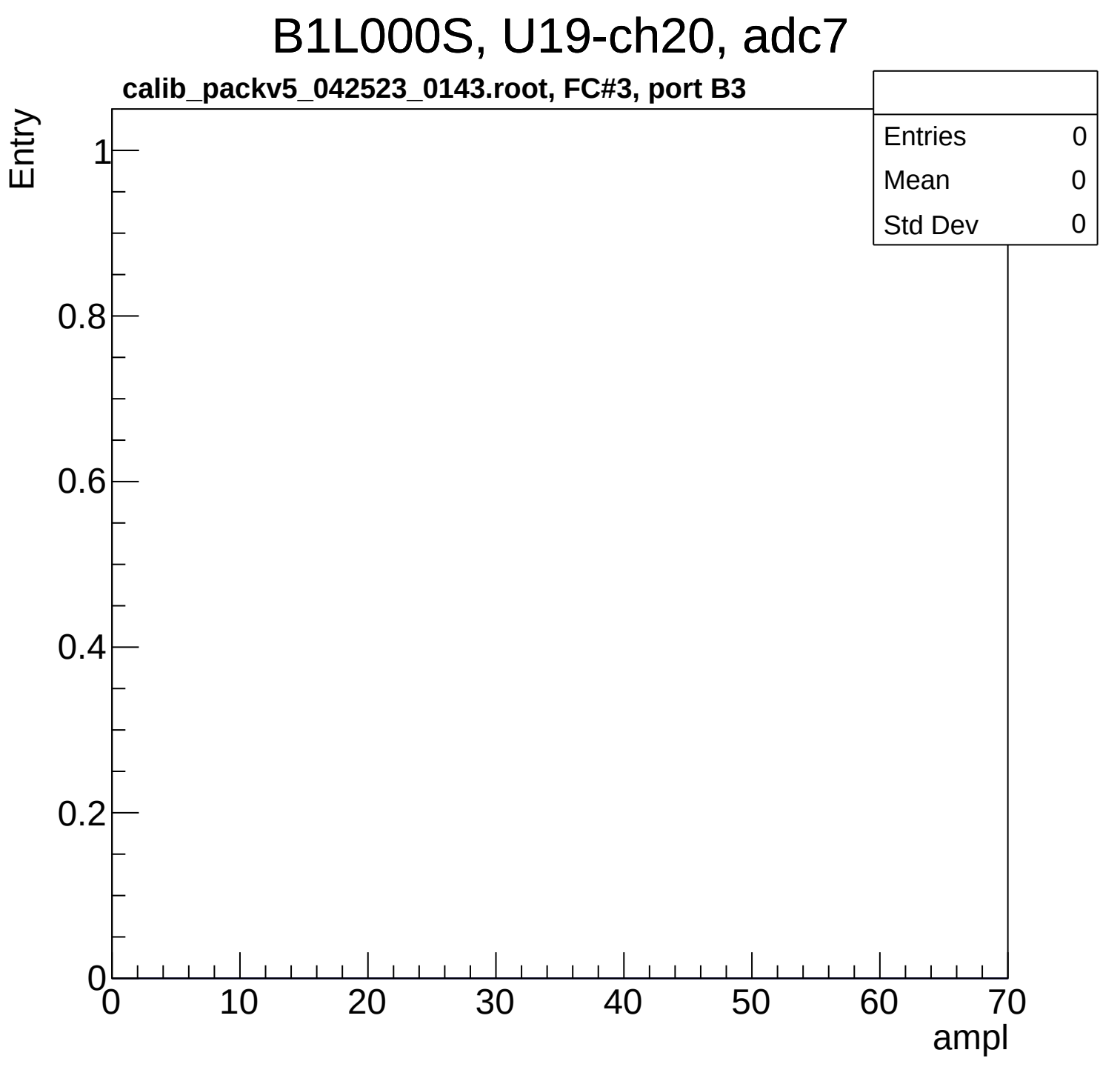

B1L000S, U19-ch20, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 55.33
Std Dev 19.59
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch20, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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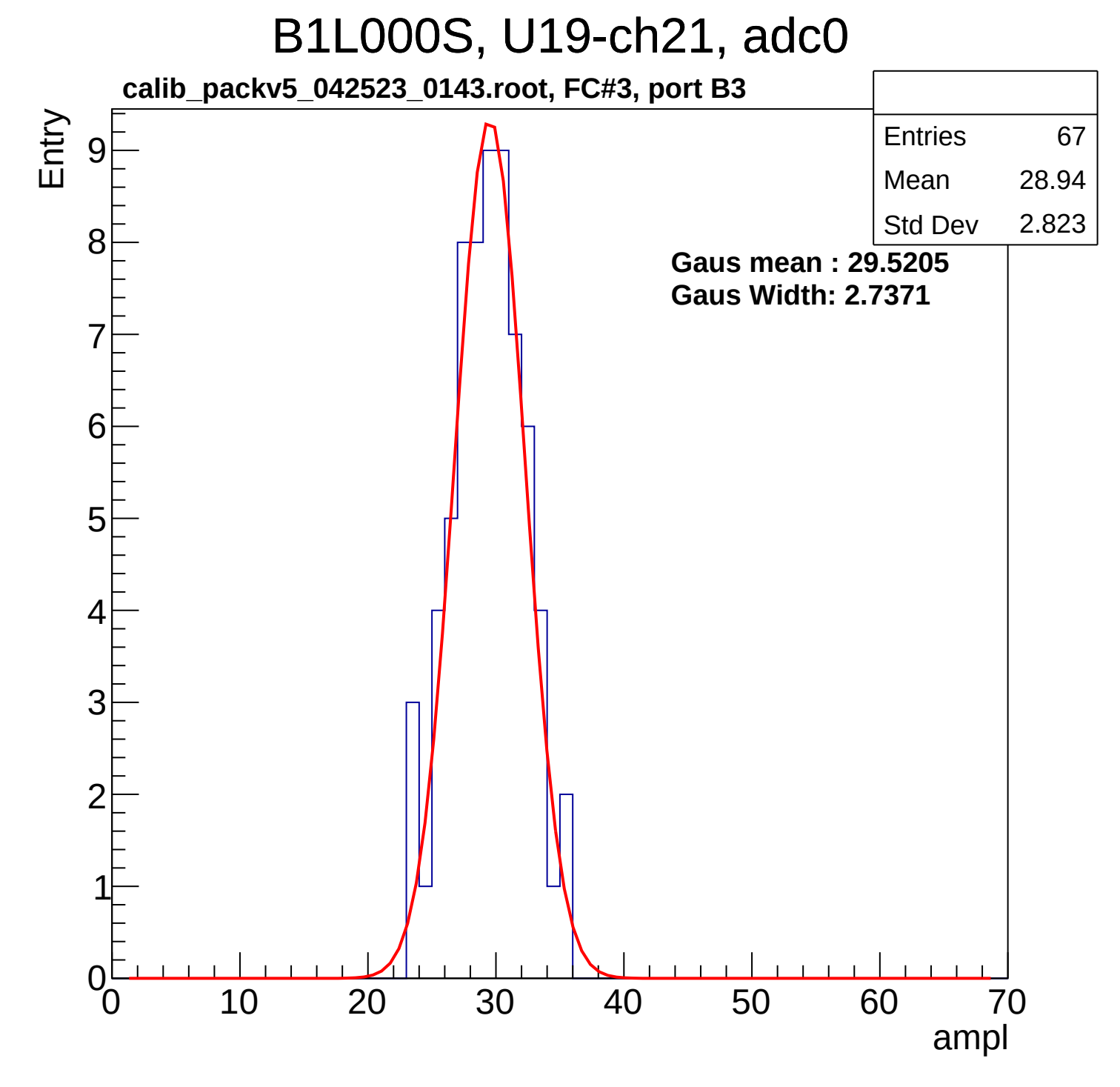
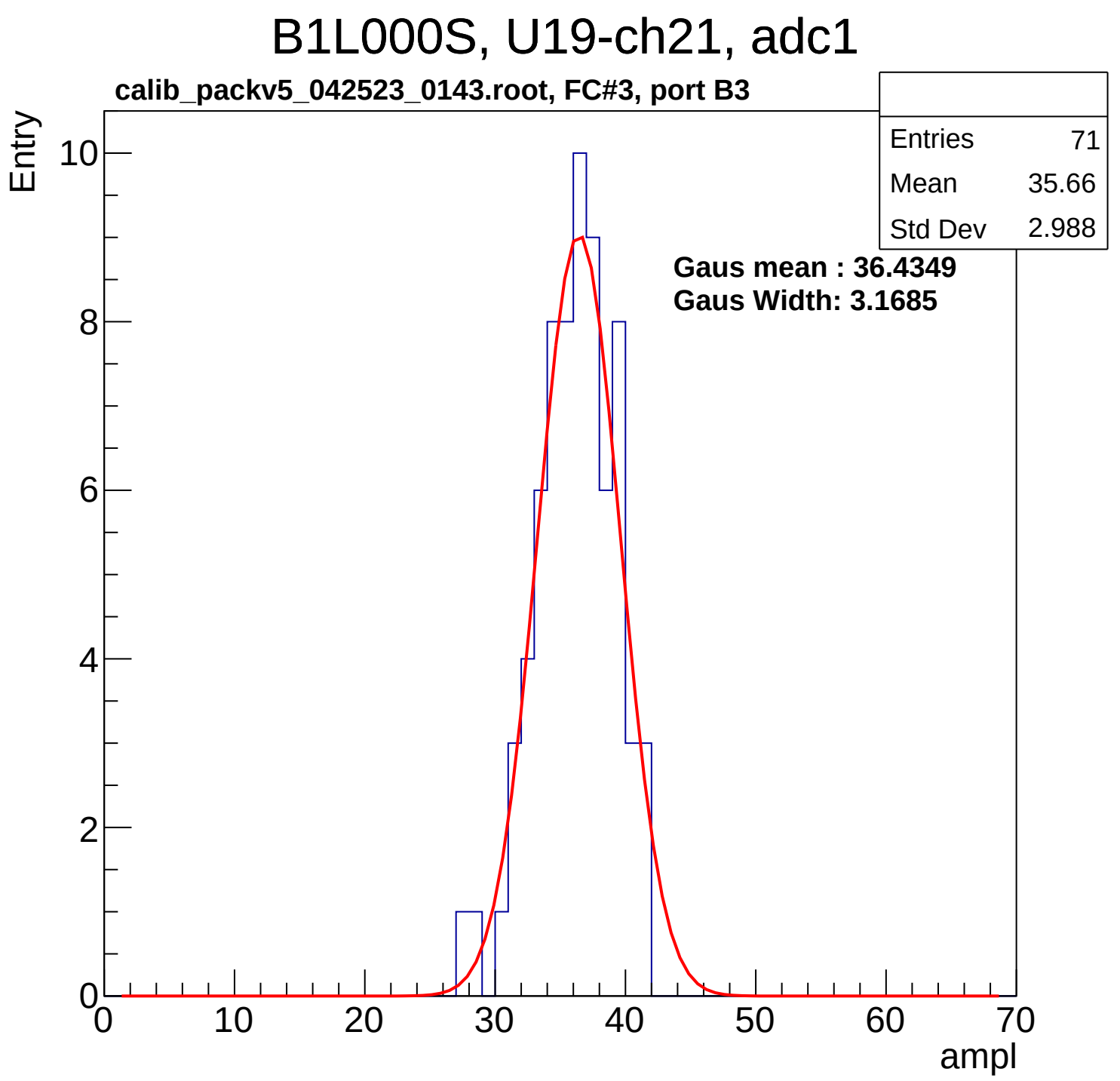
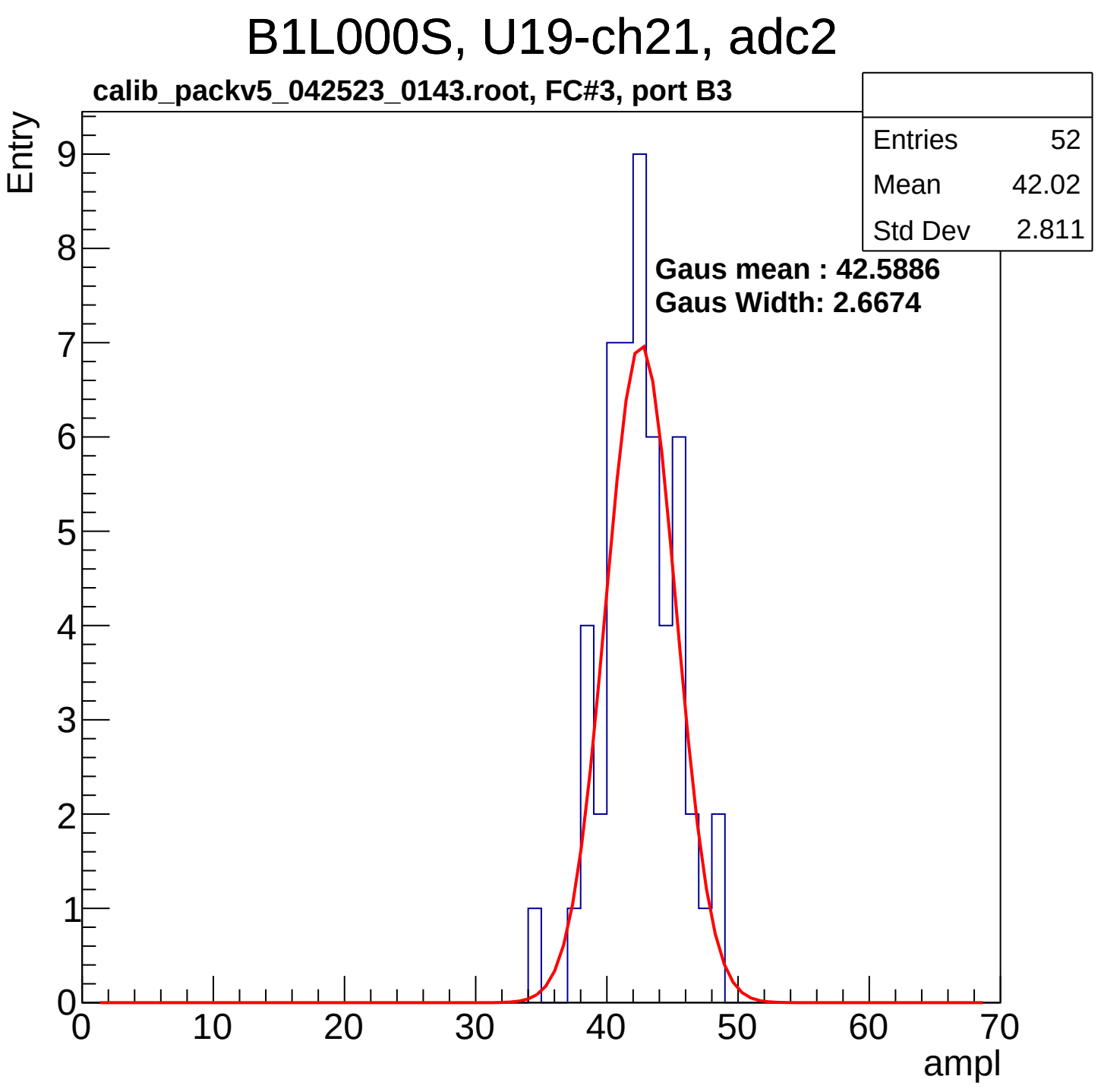
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch21, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 28.94
Std Dev 2.823
Gaus mean : 29.5205
Gaus Width: 2.7371
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch21, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 35.66
Std Dev 2.988
Gaus mean : 36.4349
Gaus Width: 3.1685
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch21, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 42.02
Std Dev 2.811
Gaus mean : 42.5886
Gaus Width: 2.6674
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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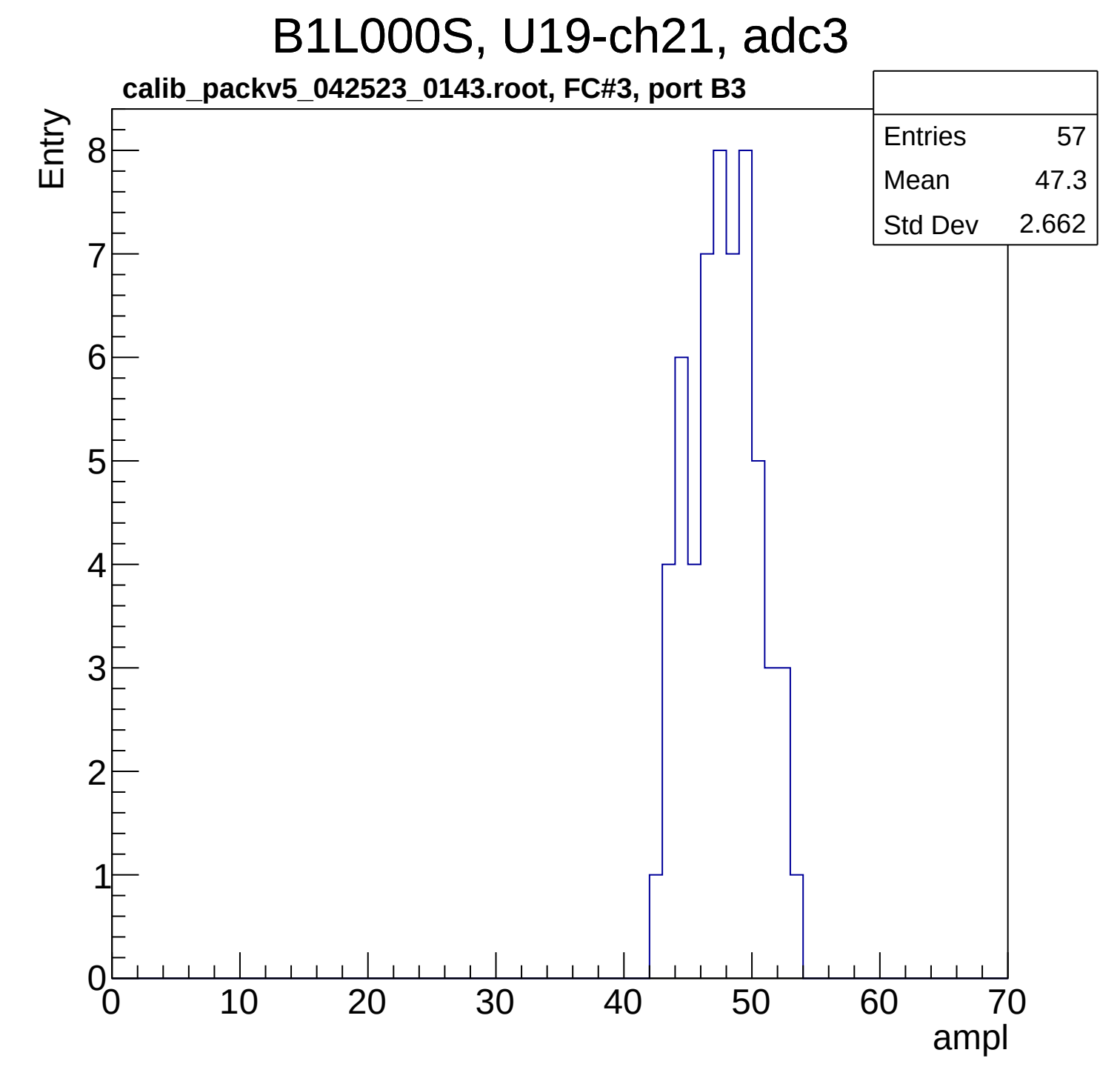
B1L000S, U19-ch21, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 47.3
Std Dev 2.662
Entry
0
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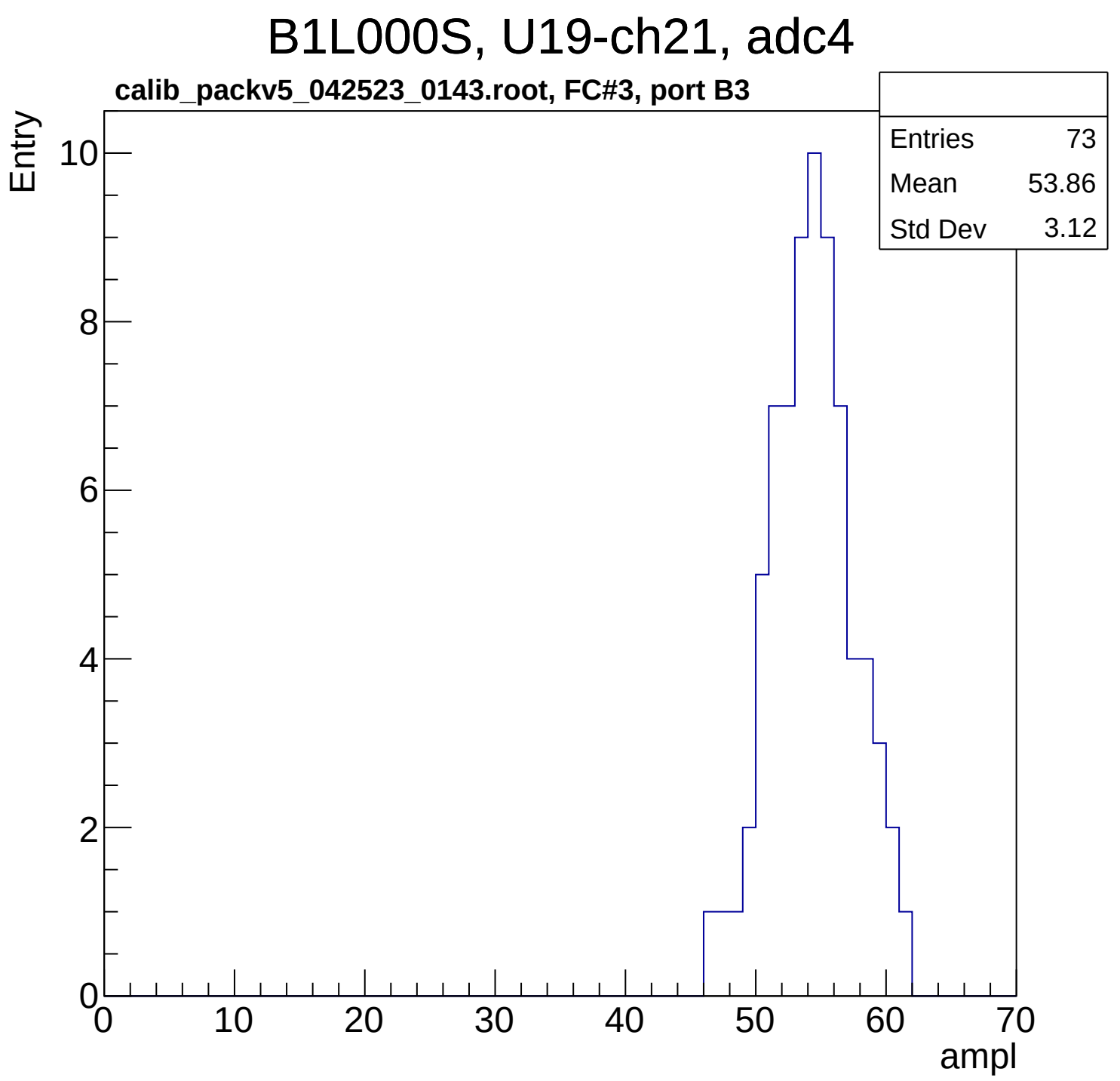
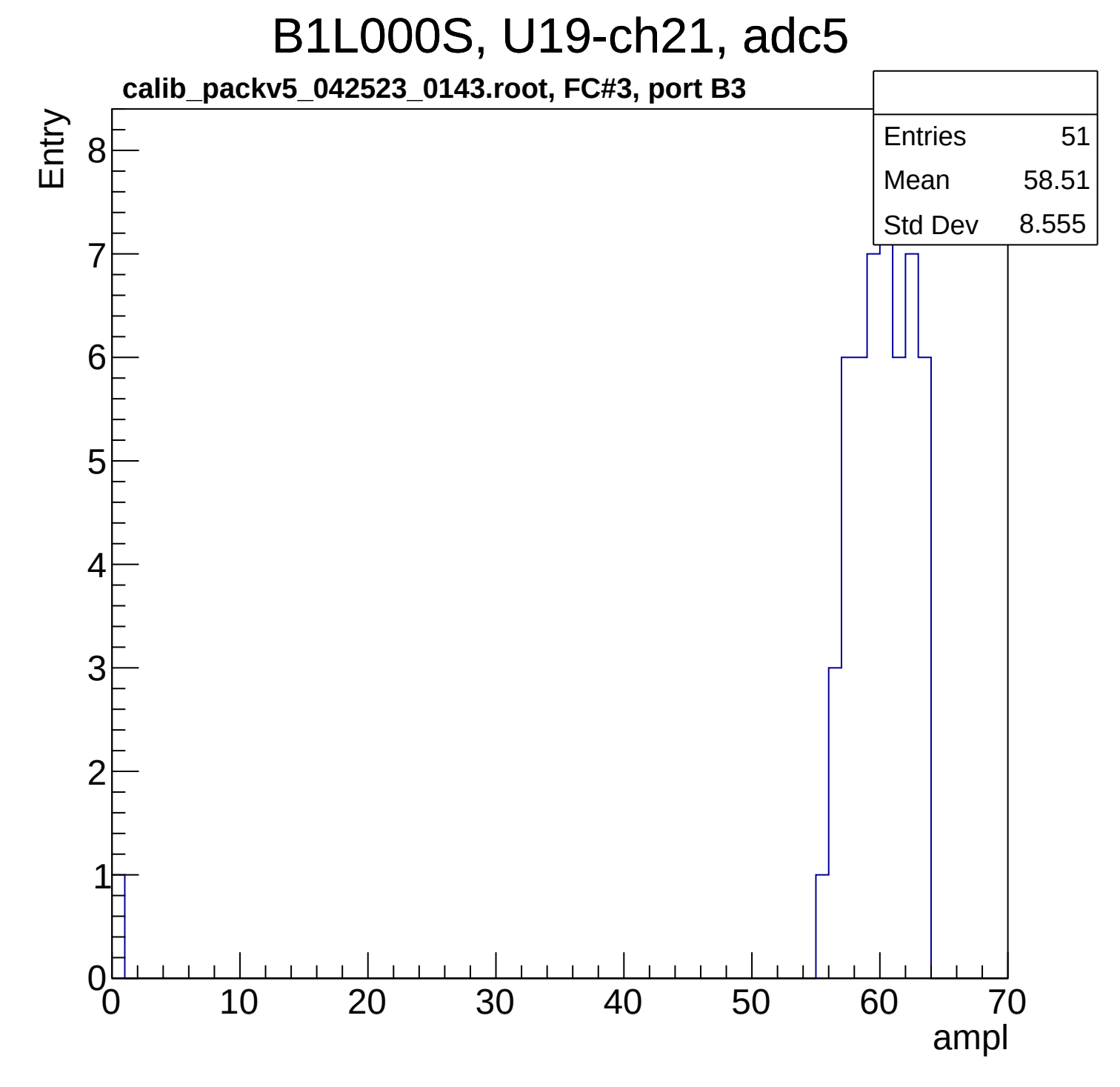
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch21, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 53.86
Std Dev 3.12
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch21, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 58.51
Std Dev 8.555
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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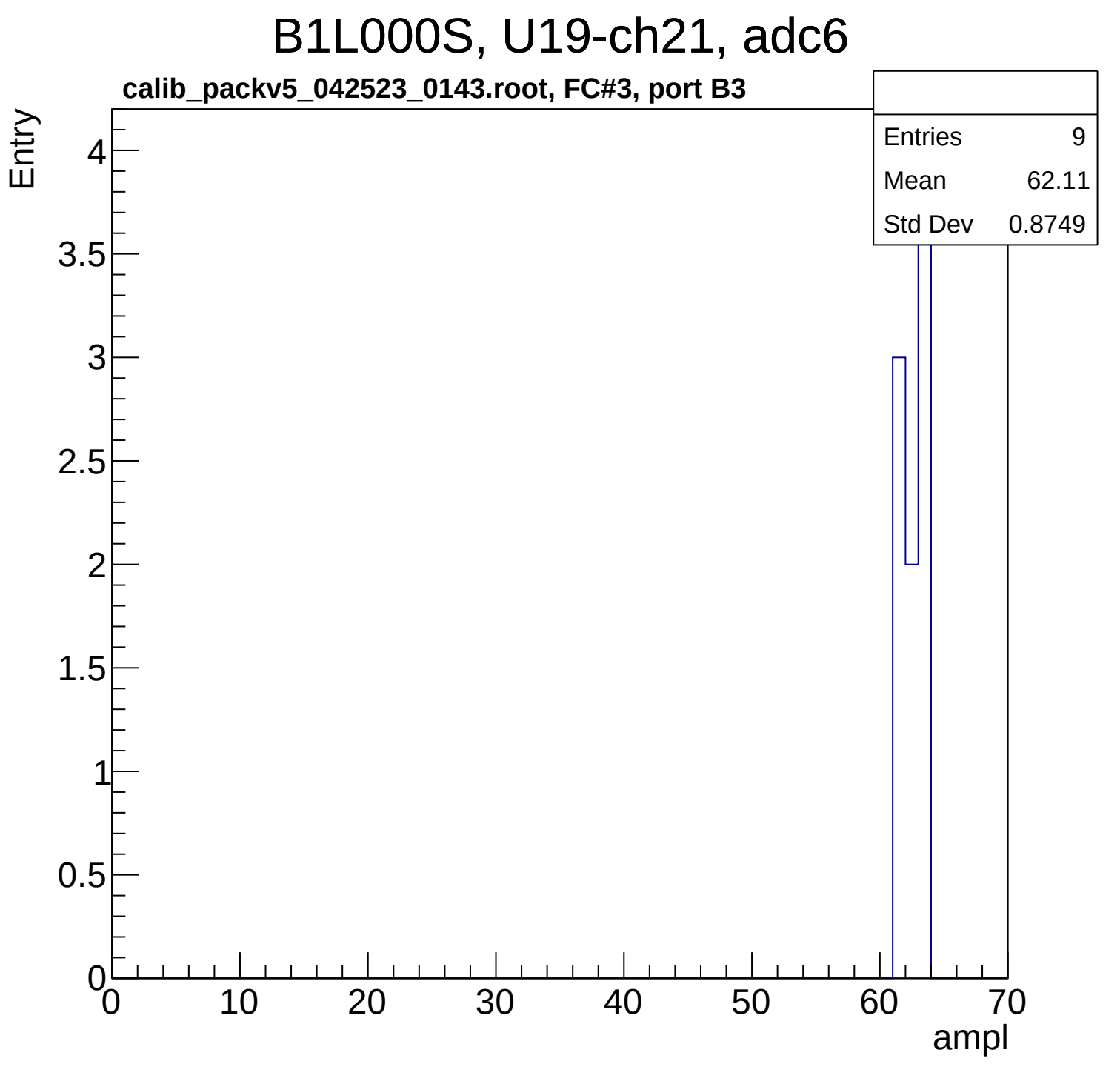
B1L000S, U19-ch21, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 62.11
Std Dev 0.8749
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
4
0
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60
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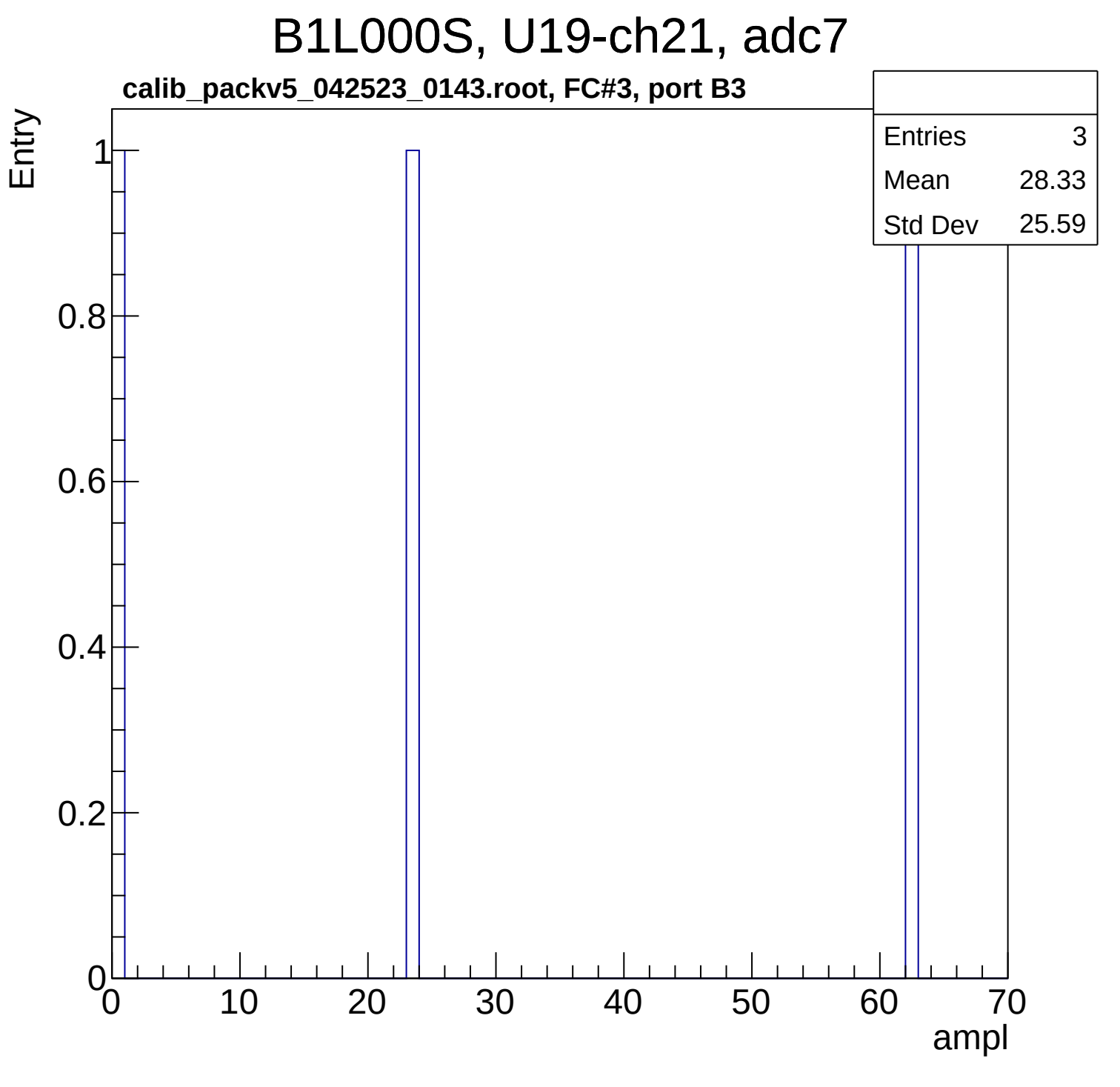
B1L000S, U19-ch21, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 28.33
Std Dev 25.59
Entry
ampl
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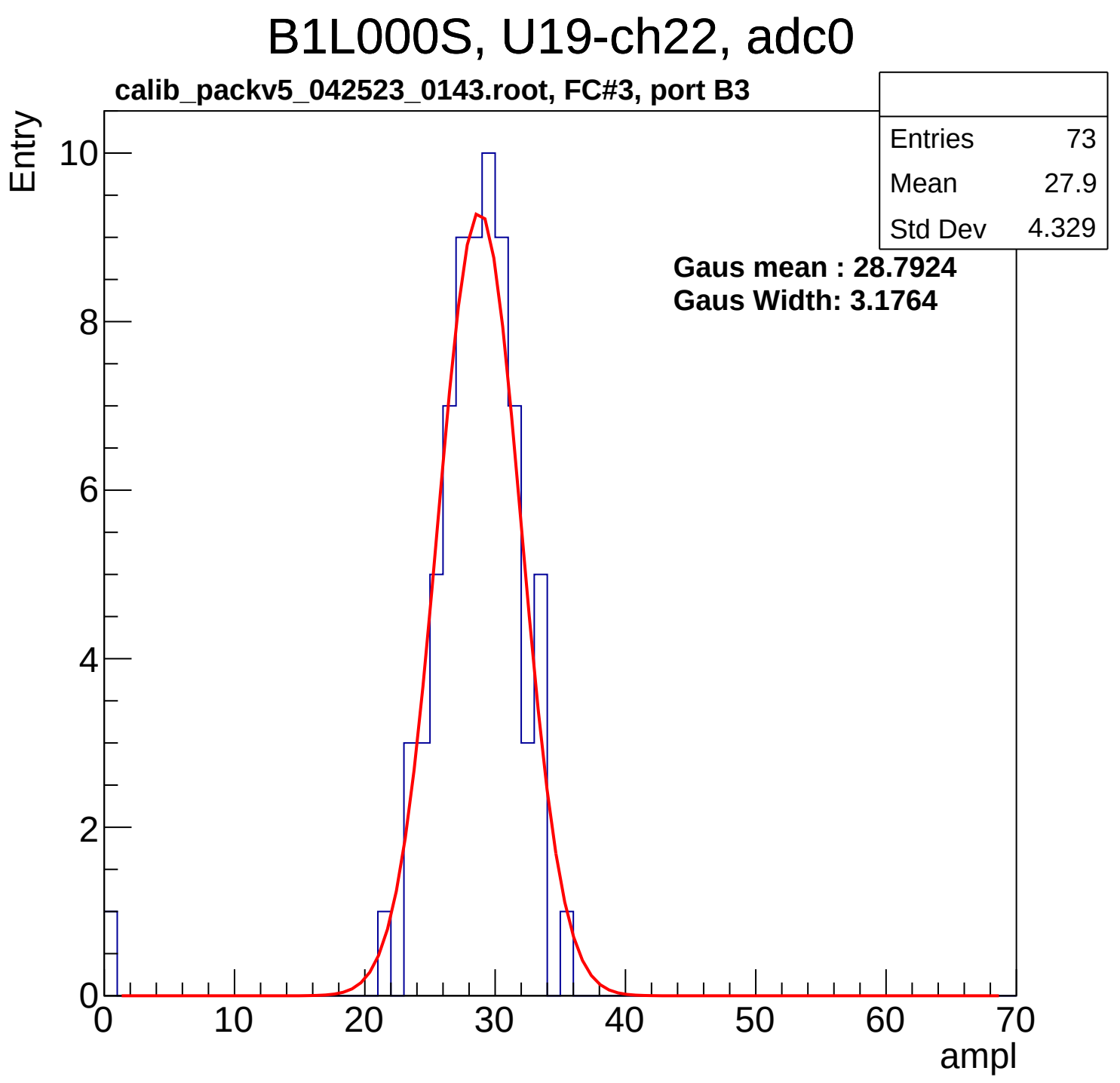
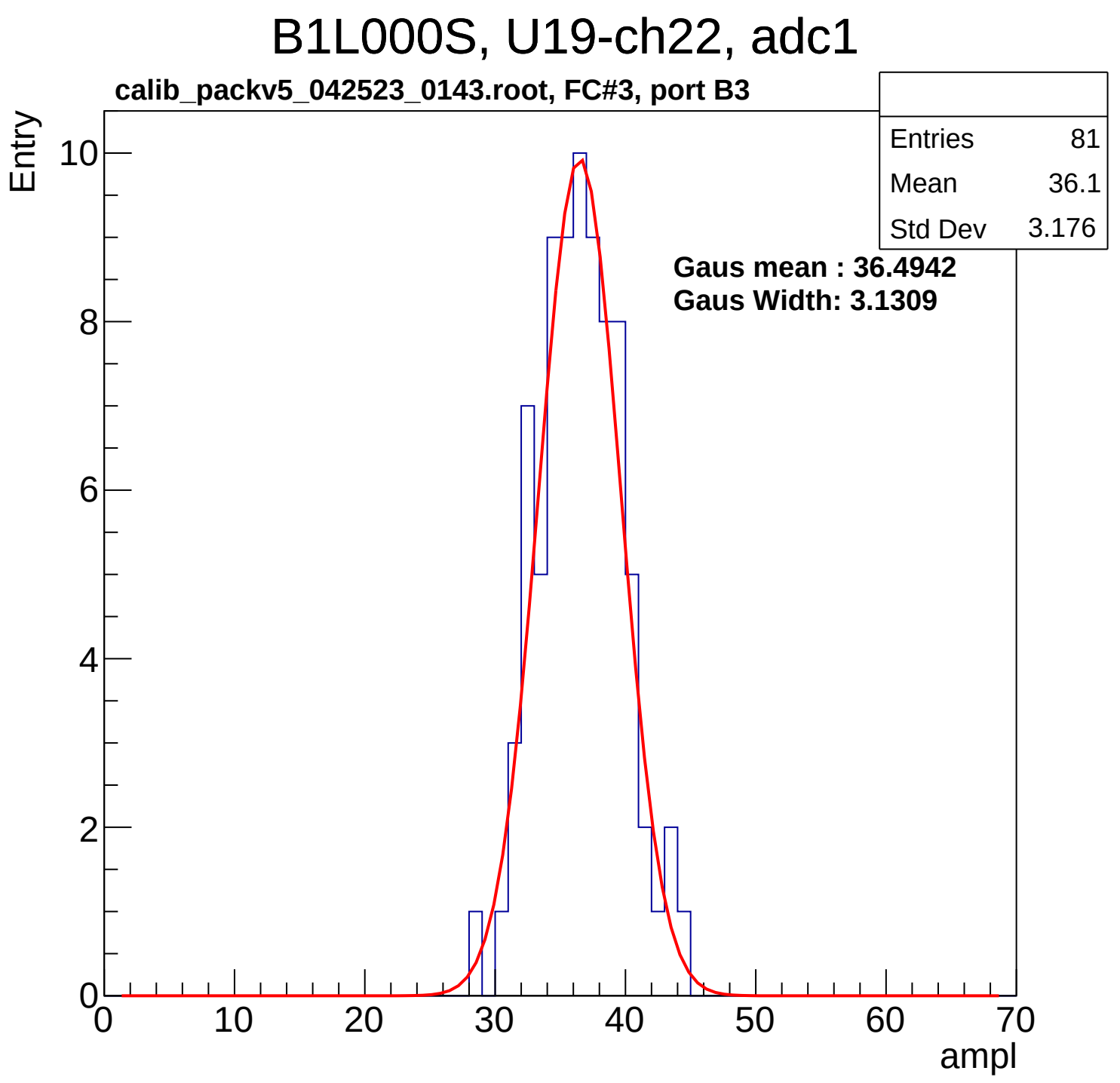
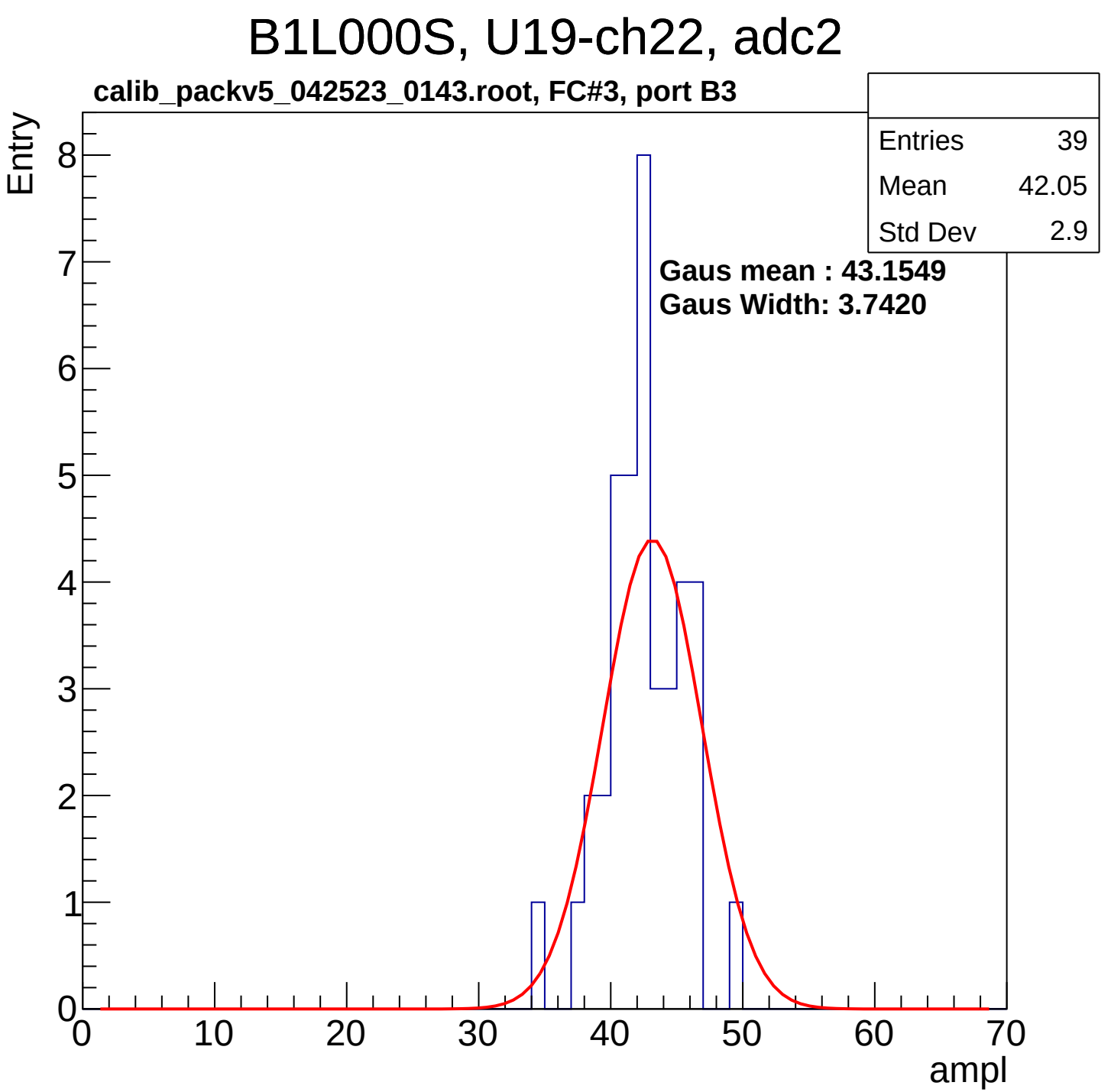
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L000S, U19-ch22, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 27.9
Std Dev 4.329
Gaus mean : 28.7924
Gaus Width: 3.1764
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch22, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 81
Mean 36.1
Std Dev 3.176
Gaus mean : 36.4942
Gaus Width: 3.1309
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch22, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 39
Mean 42.05
Std Dev 2.9
Gaus mean : 43.1549
Gaus Width: 3.7420
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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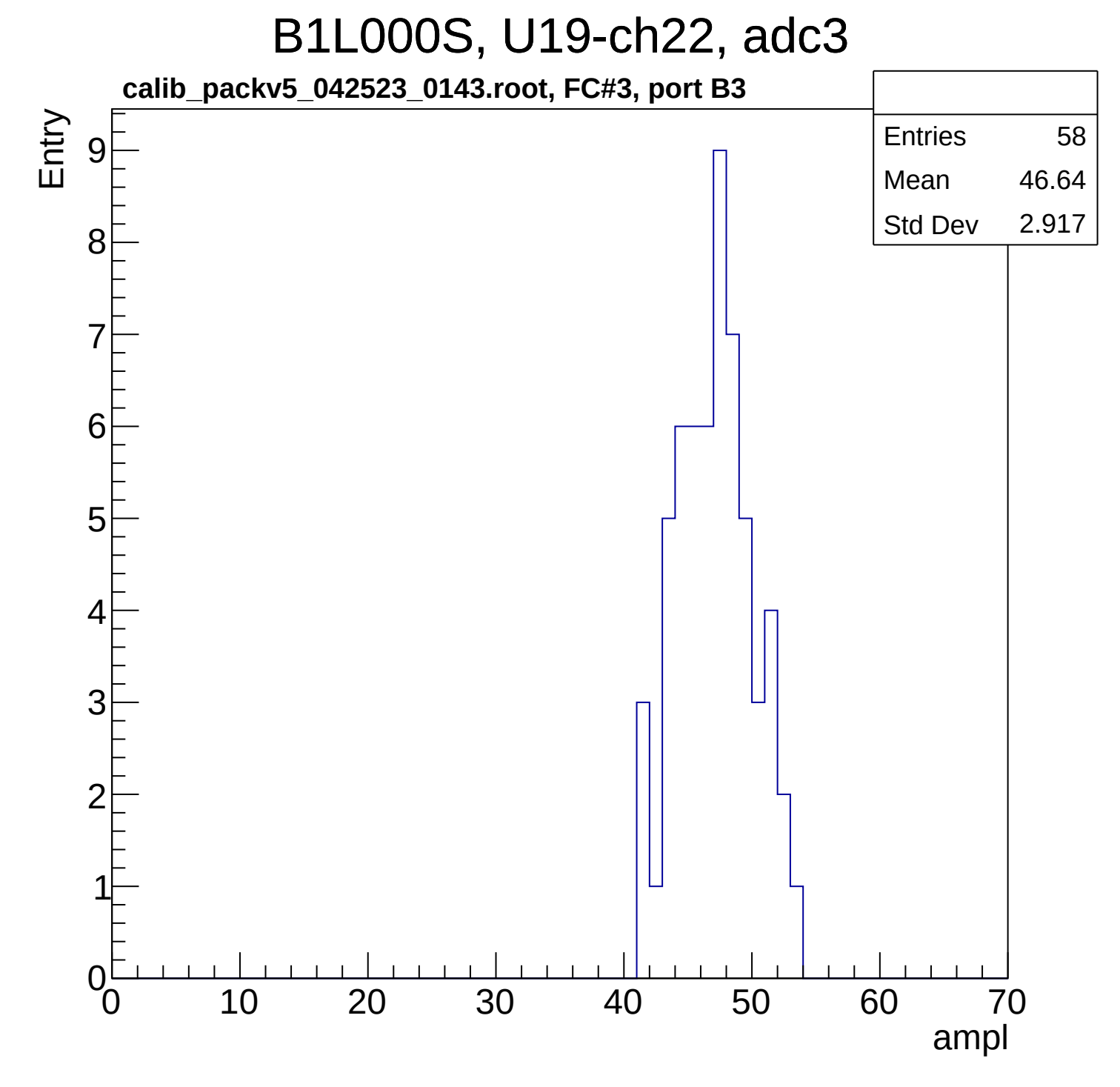
B1L000S, U19-ch22, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 46.64
Std Dev 2.917
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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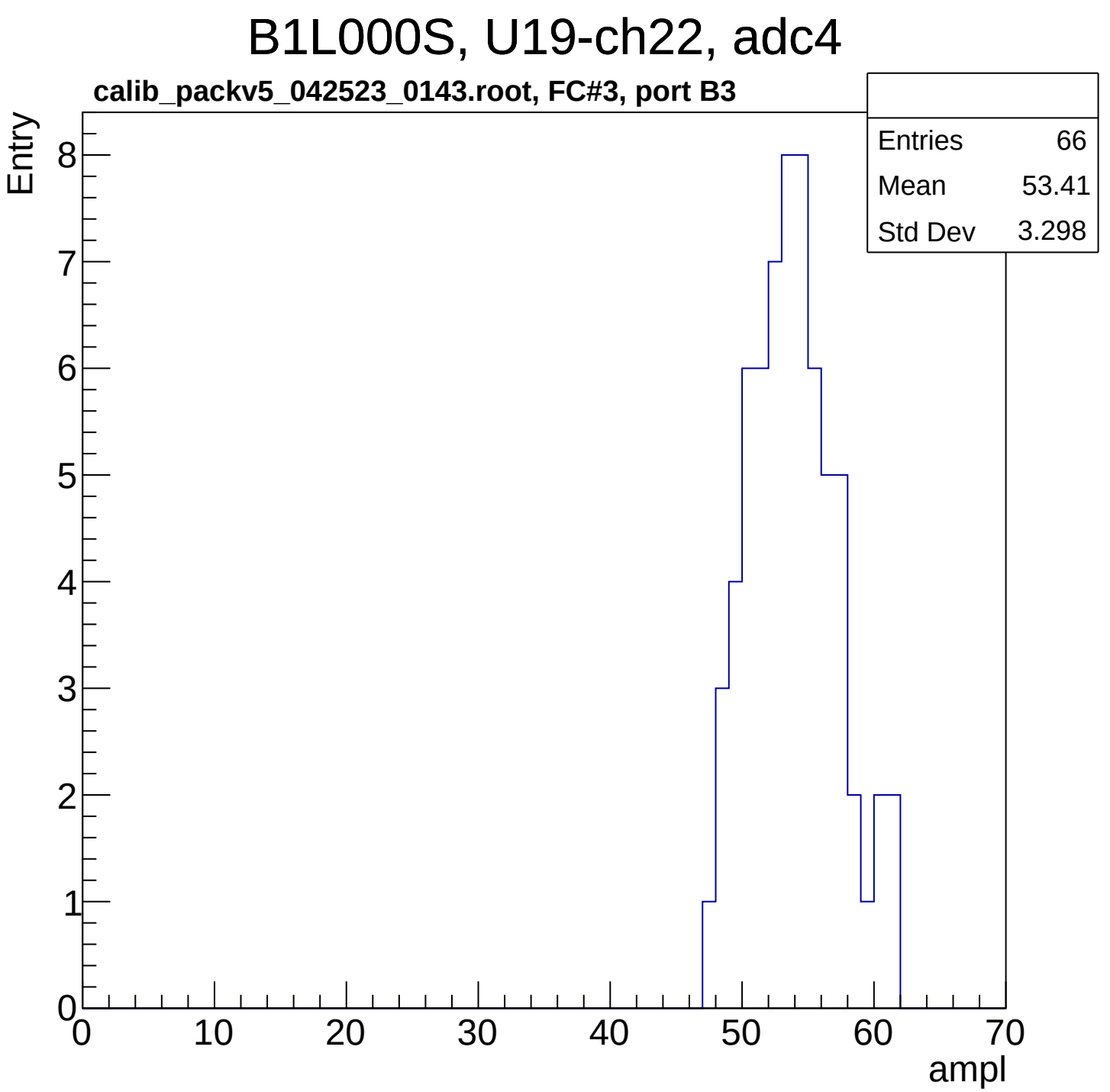
60
70


B1L000S, U19-ch22, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 53.41
Std Dev 3.298
Entry
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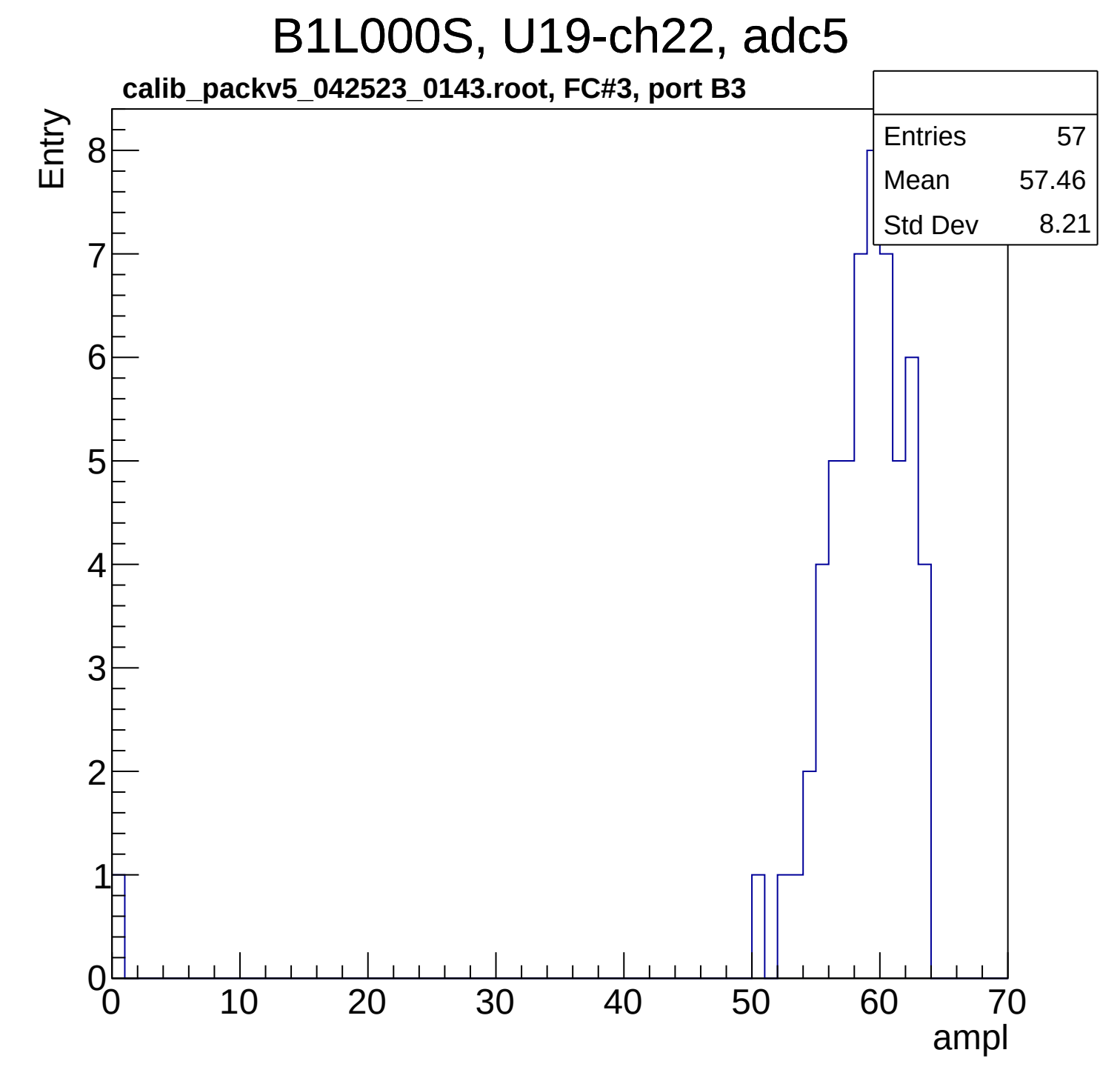
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch22, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 57.46
Std Dev 8.21
Entry
ampl
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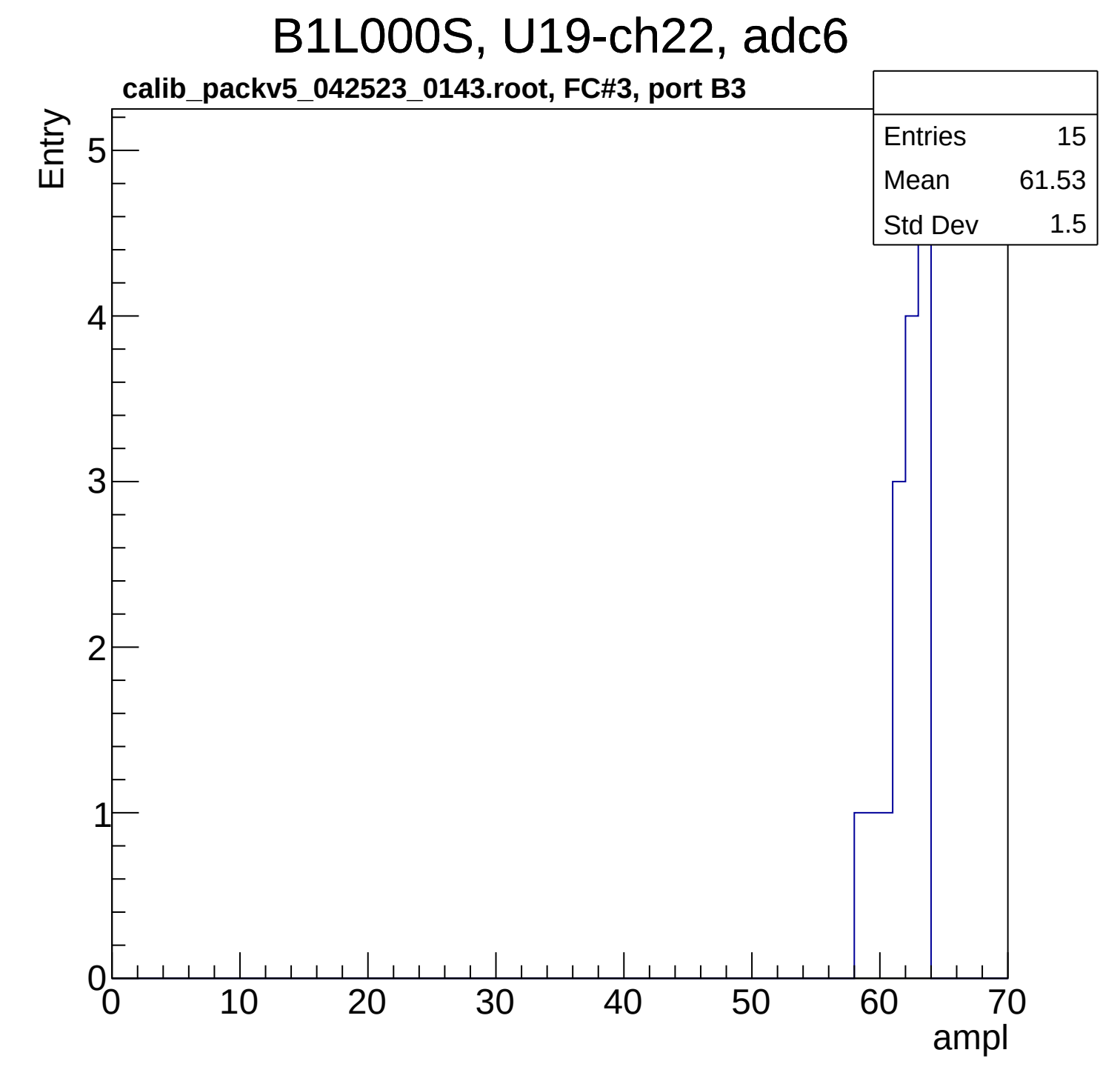
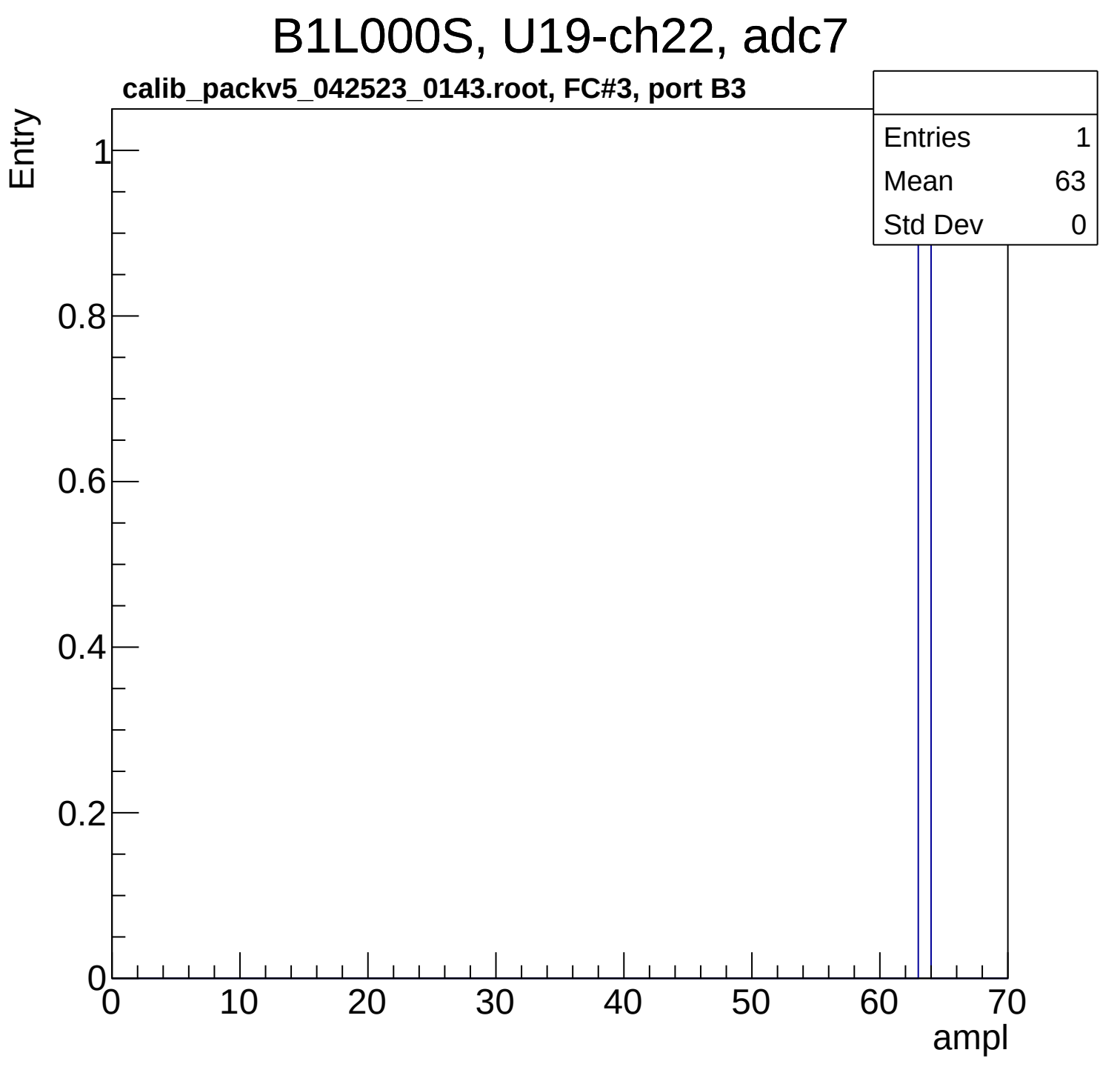
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch22, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 61.53
Std Dev 1.5
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch22, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 63
Std Dev 0
Entry
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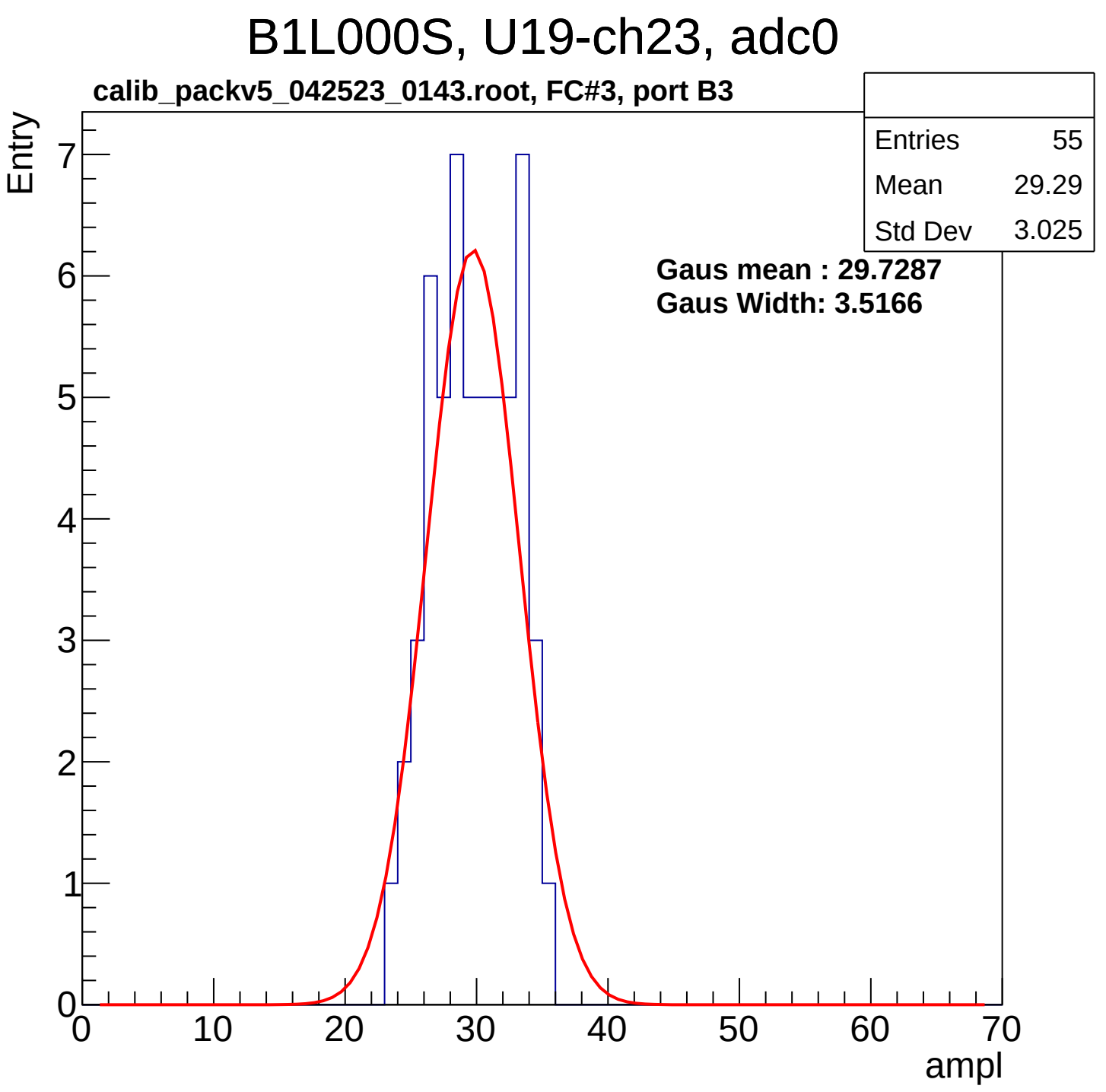
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch23, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 29.29
Std Dev 3.025
Gaus mean : 29.7287
Gaus Width: 3.5166
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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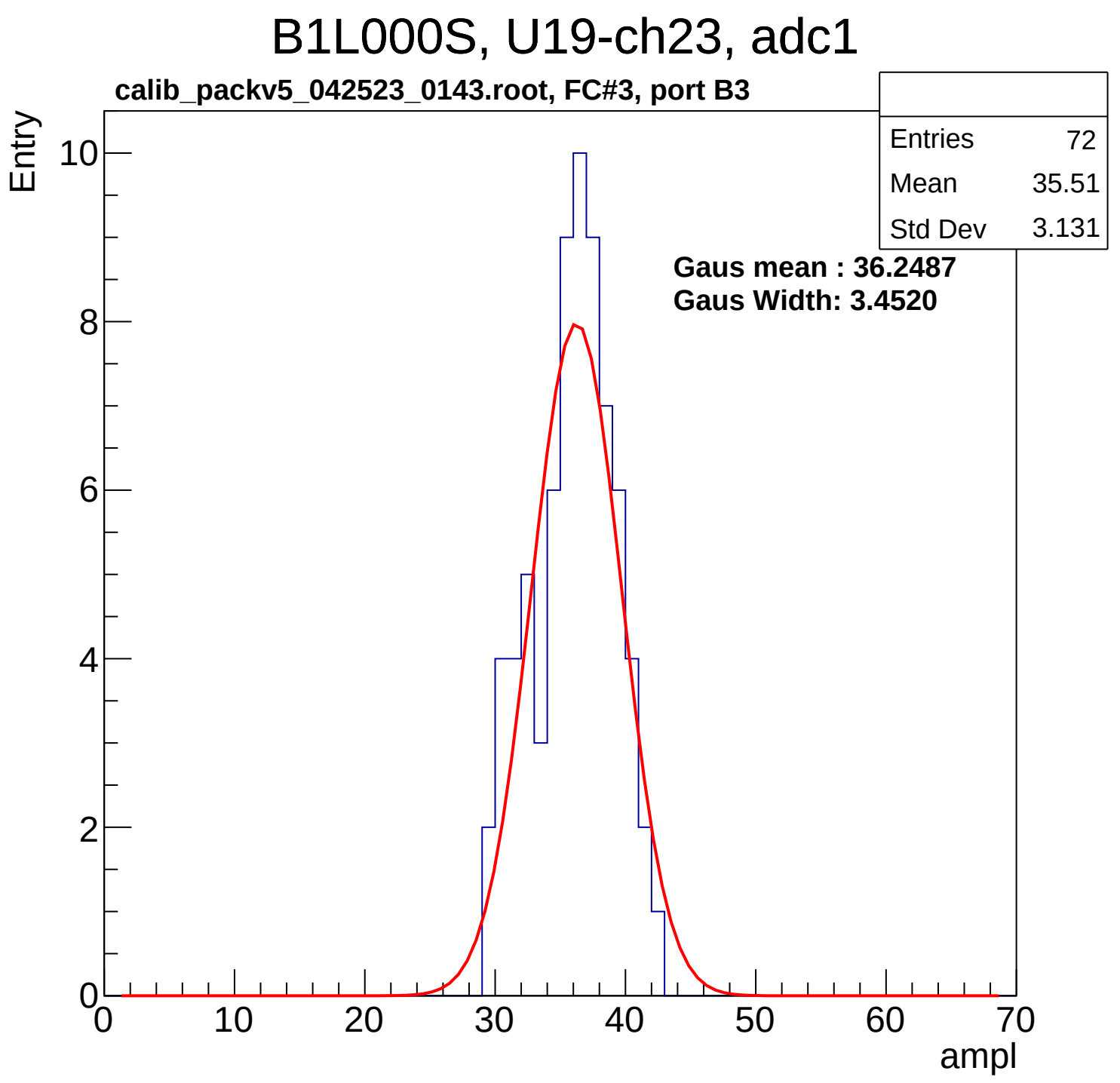
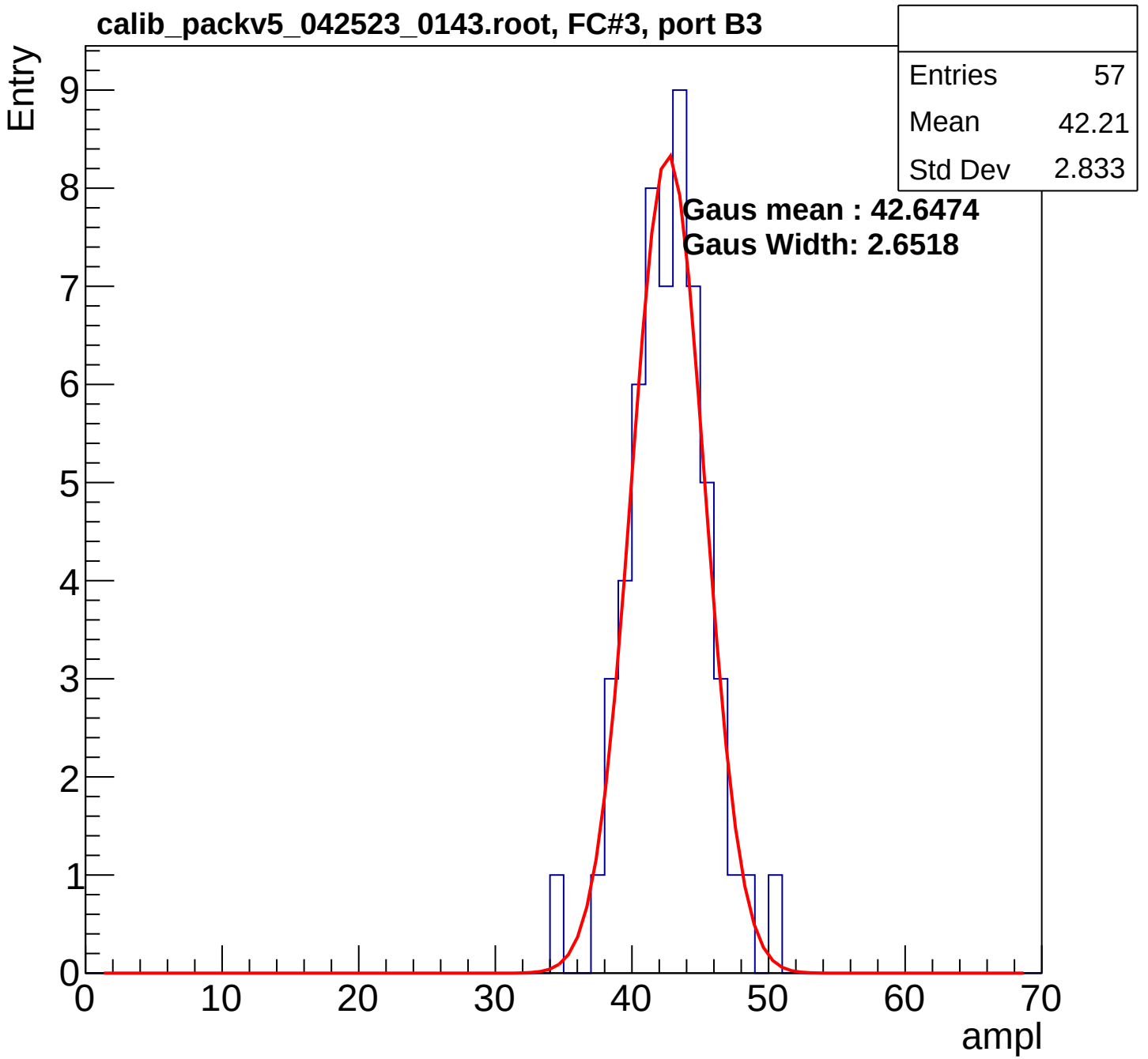

B1L000S, U19-ch23, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 35.51
Std Dev 3.131
Gaus mean : 36.2487
Gaus Width: 3.4520
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch23, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 42.21
Std Dev 2.833
Gaus mean : 42.6474
Gaus Width: 2.6518
Entry
ampl
0
1
2
3
4
5
6
7
8
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0
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40
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60
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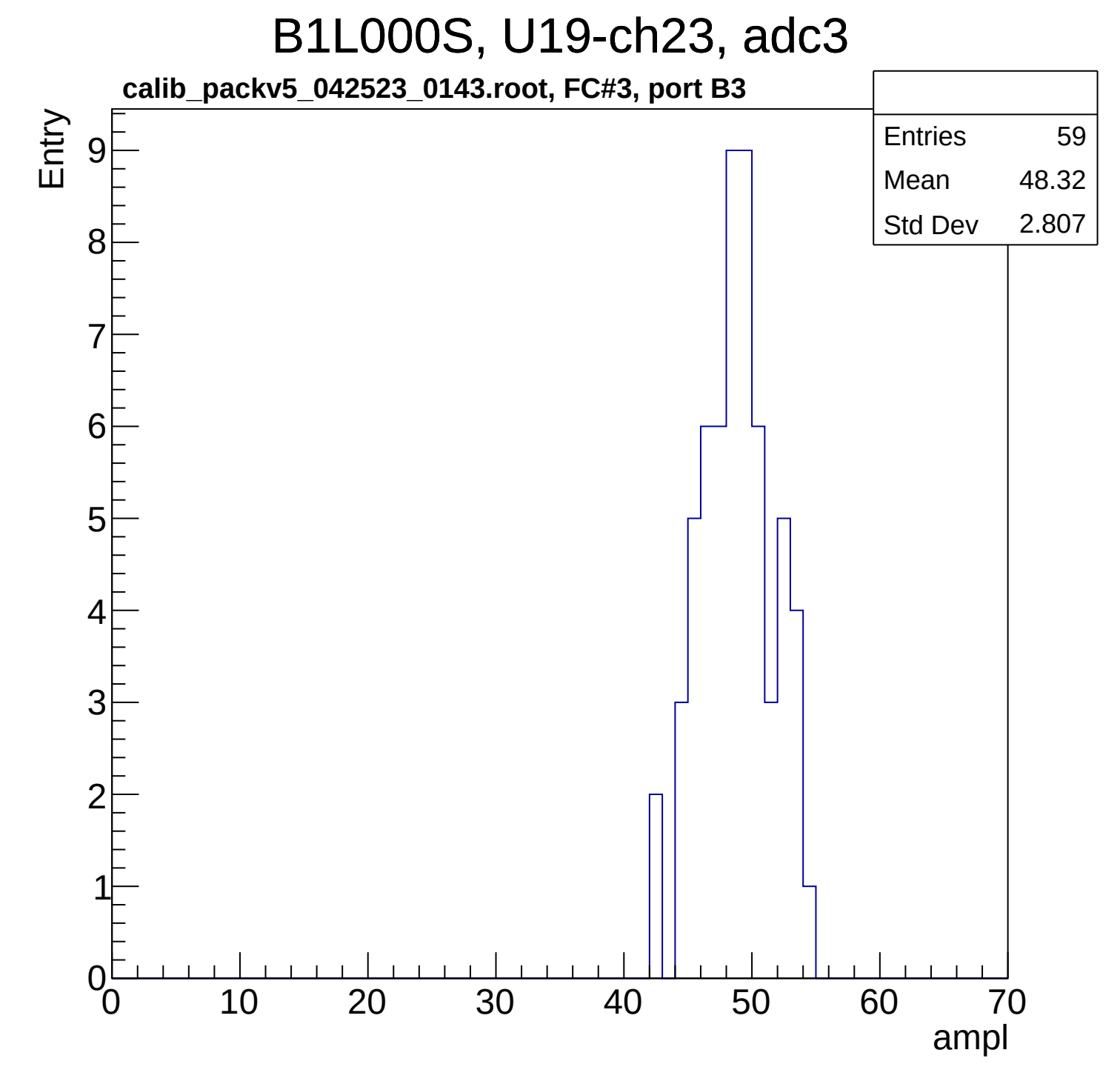
B1L000S, U19-ch23, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 48.32
Std Dev 2.807
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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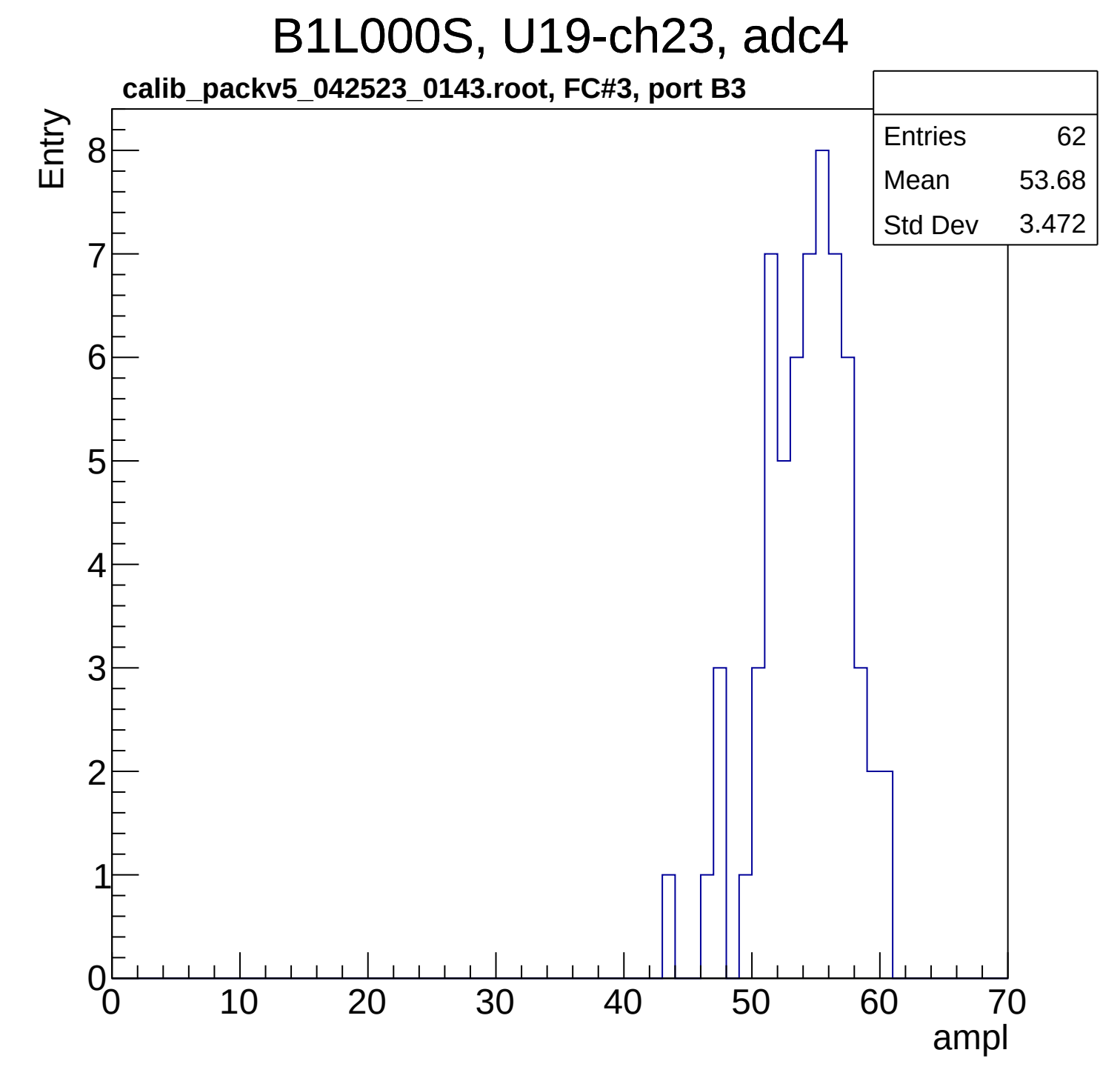
B1L000S, U19-ch23, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 53.68
Std Dev 3.472
Entry
ampl
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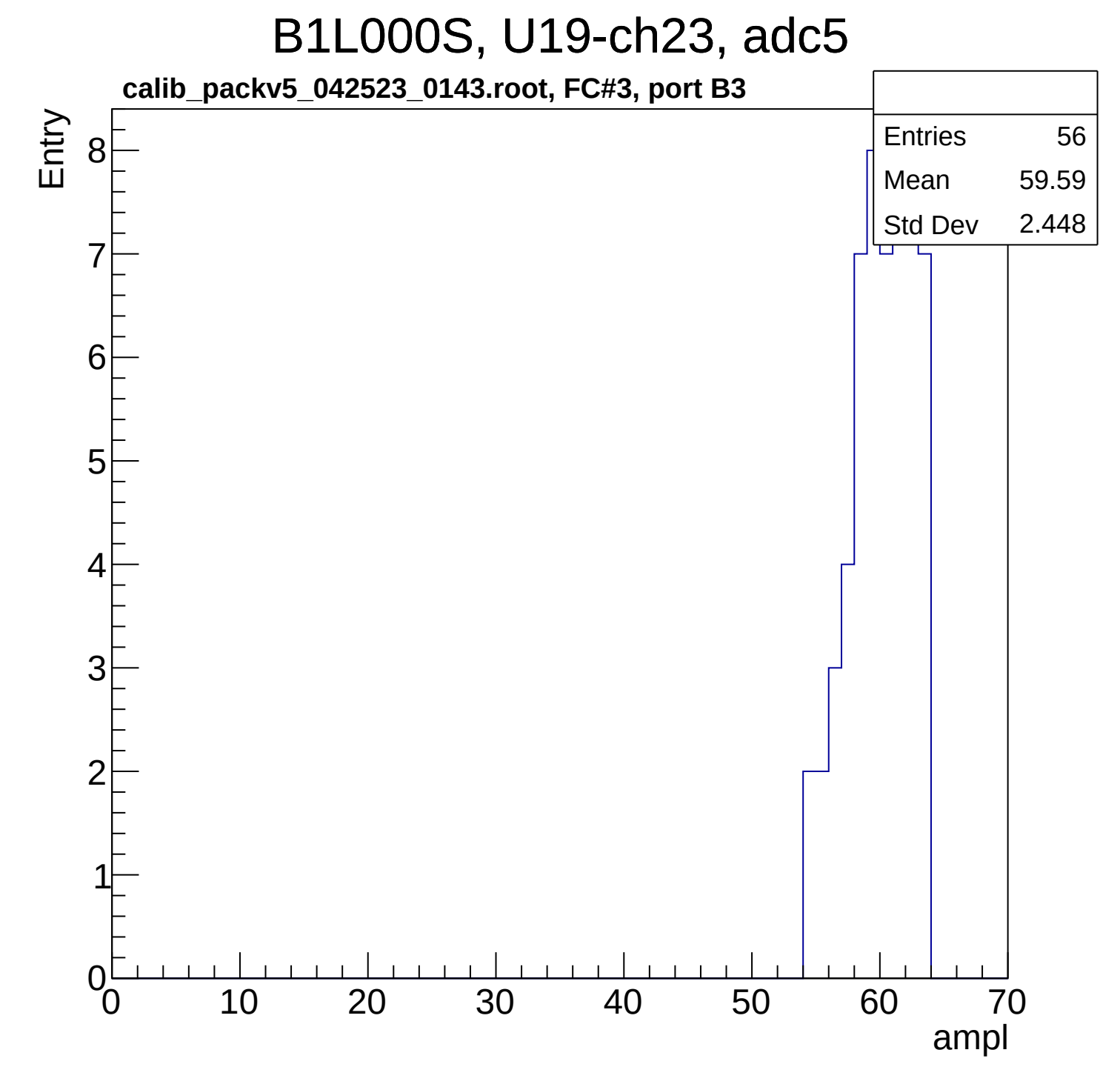
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch23, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 59.59
Std Dev 2.448
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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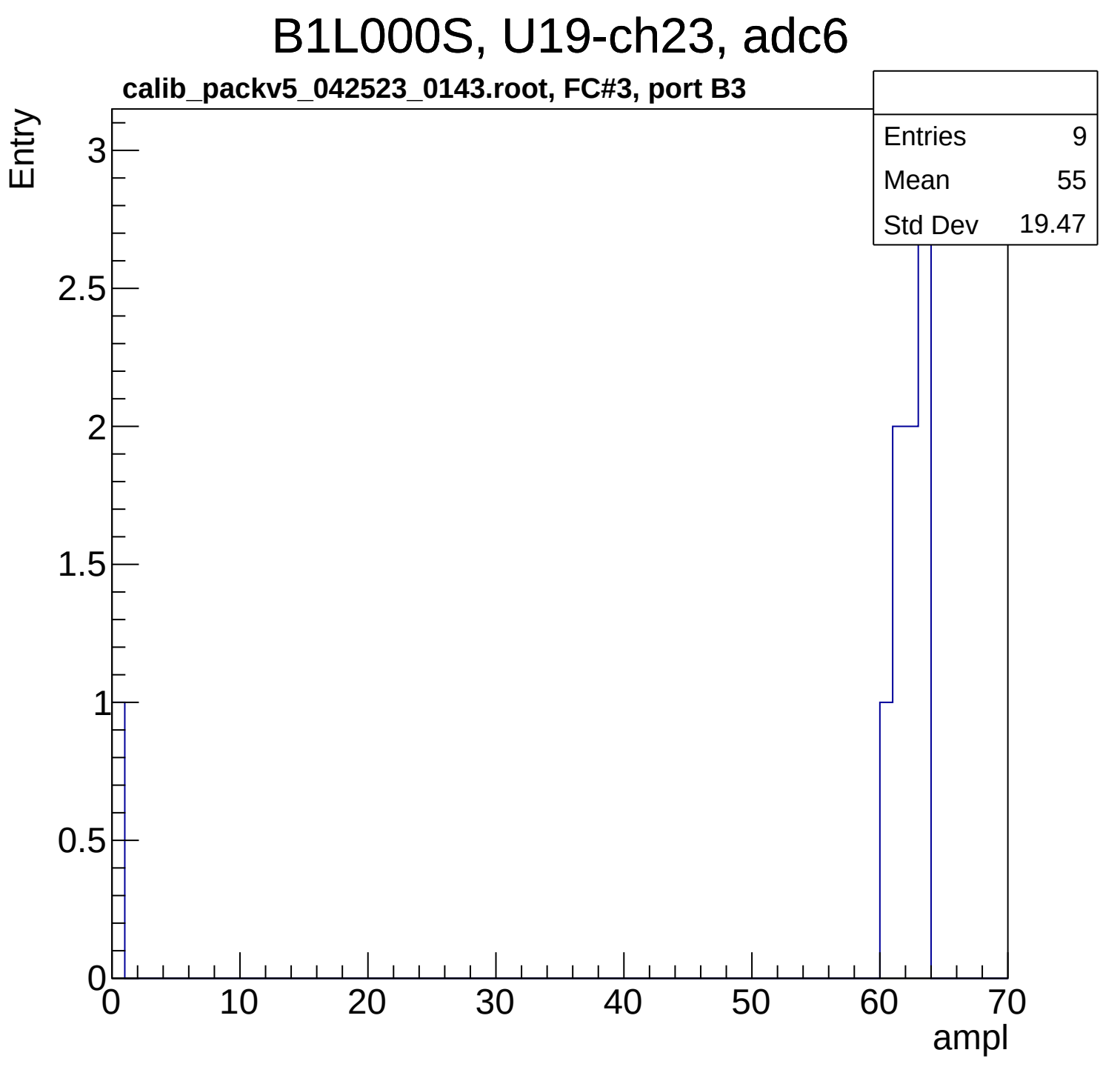
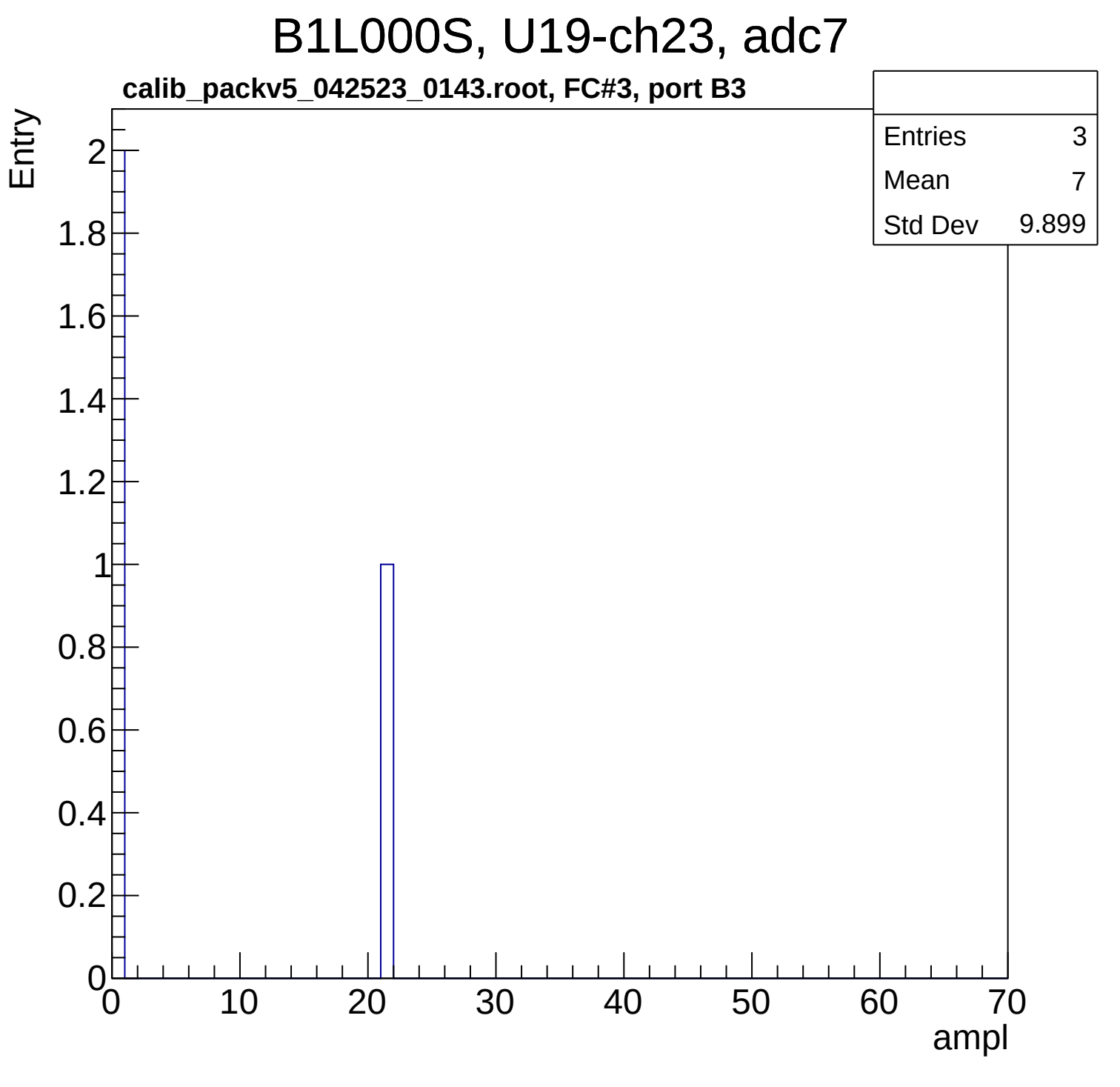

B1L000S, U19-ch23, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 55
Std Dev 19.47
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U19-ch23, 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
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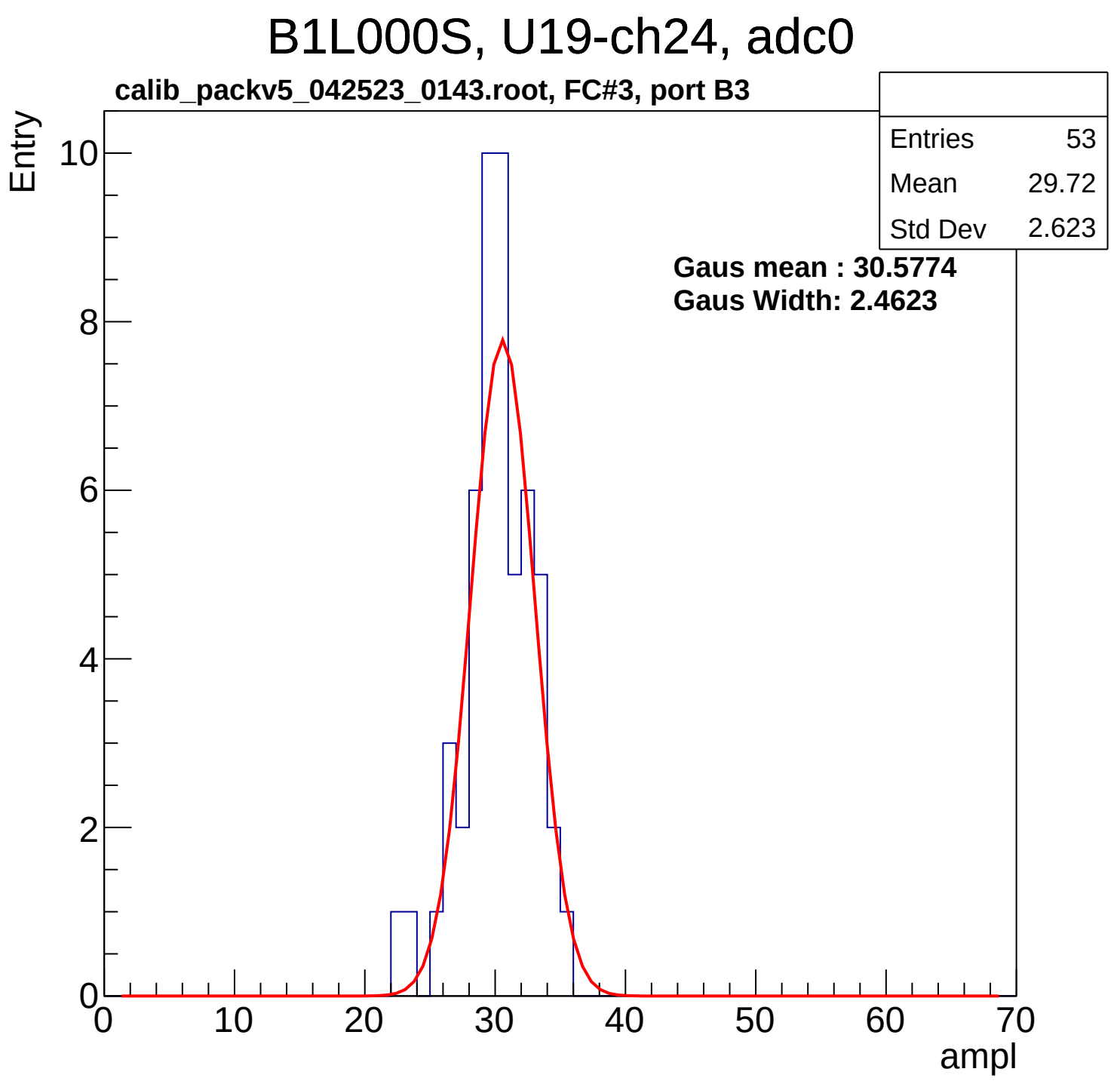
B1L000S, U19-ch24, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 29.72
Std Dev 2.623
Gaus mean : 30.5774
Gaus Width: 2.4623
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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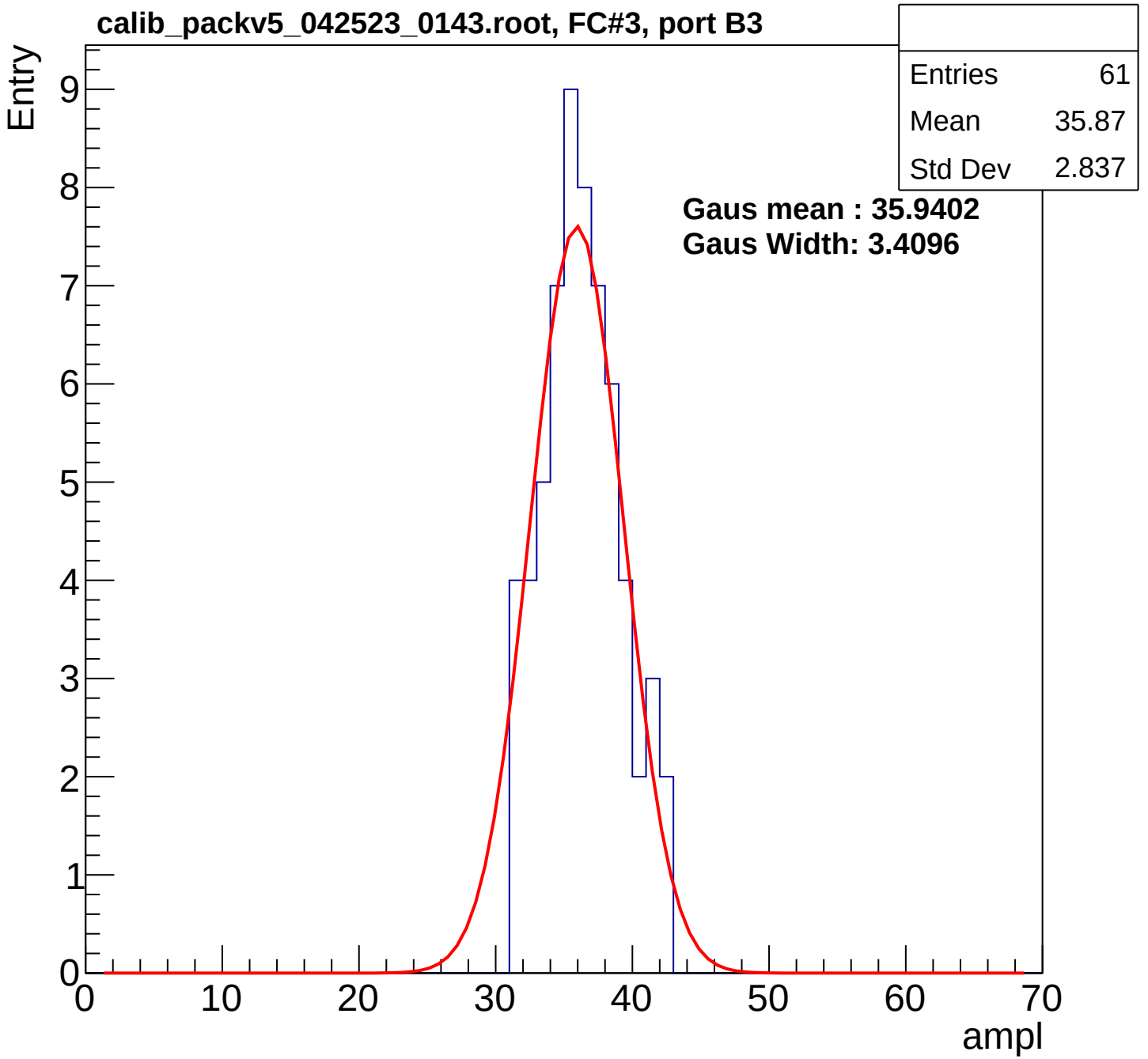
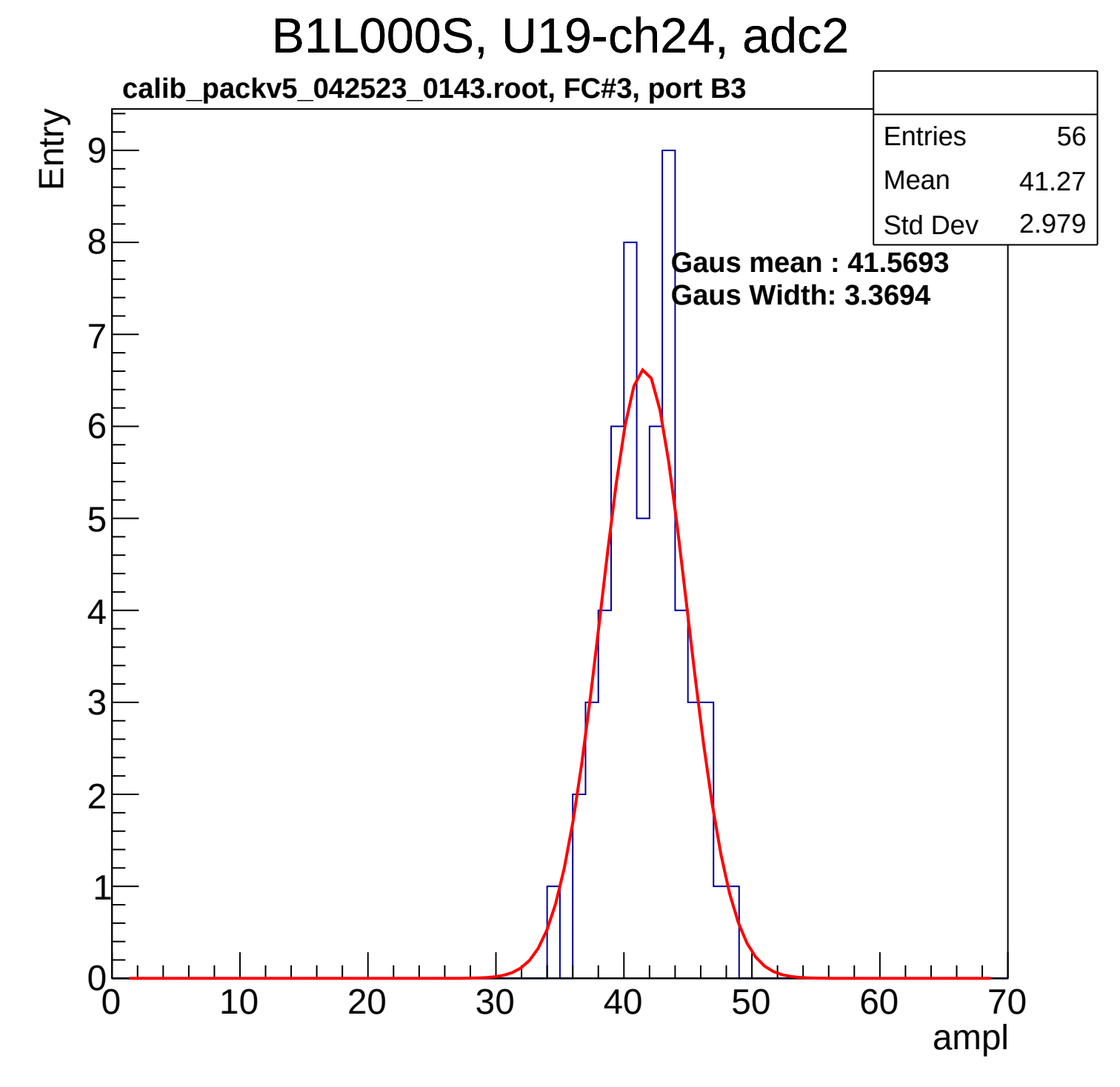
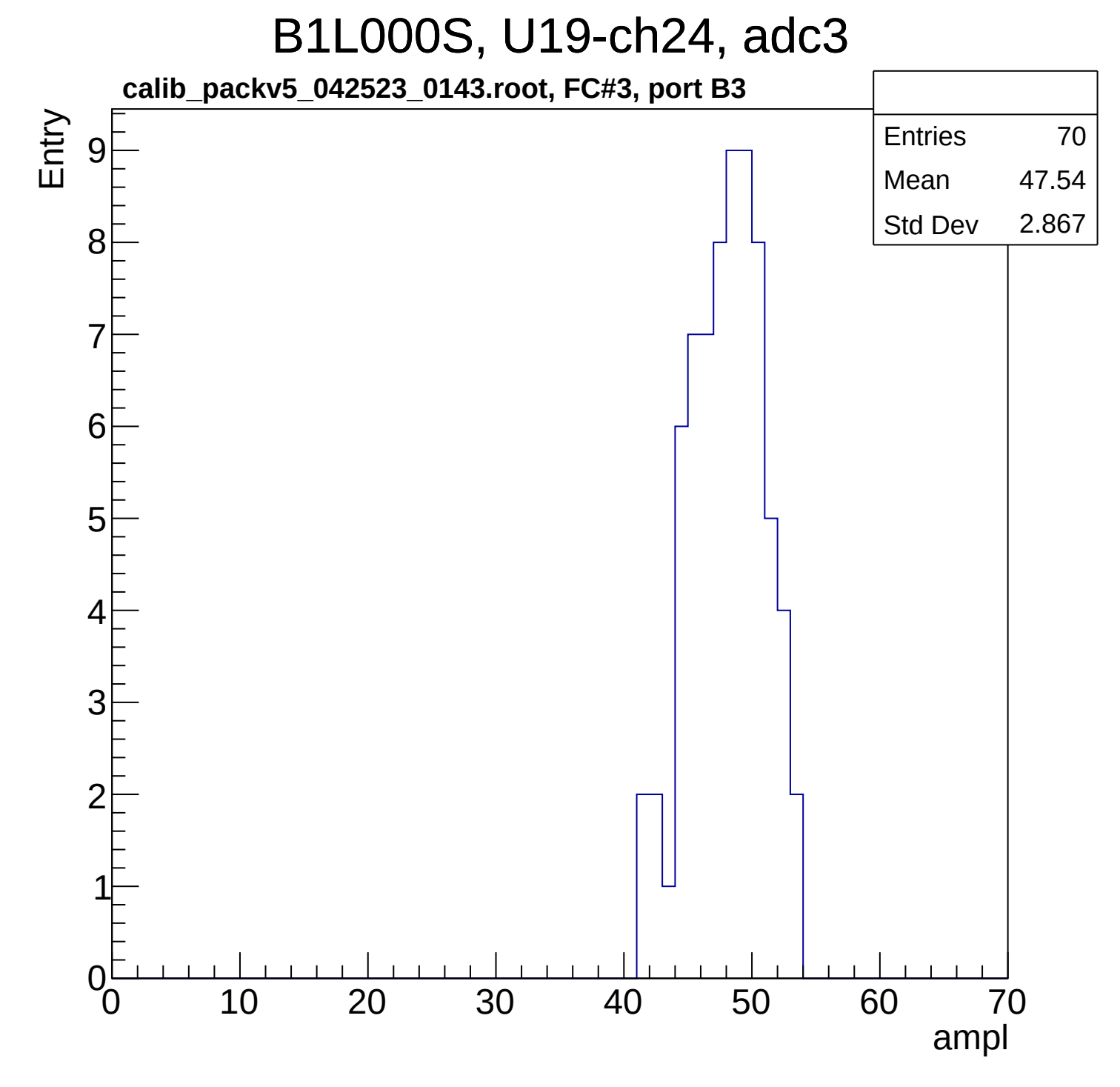
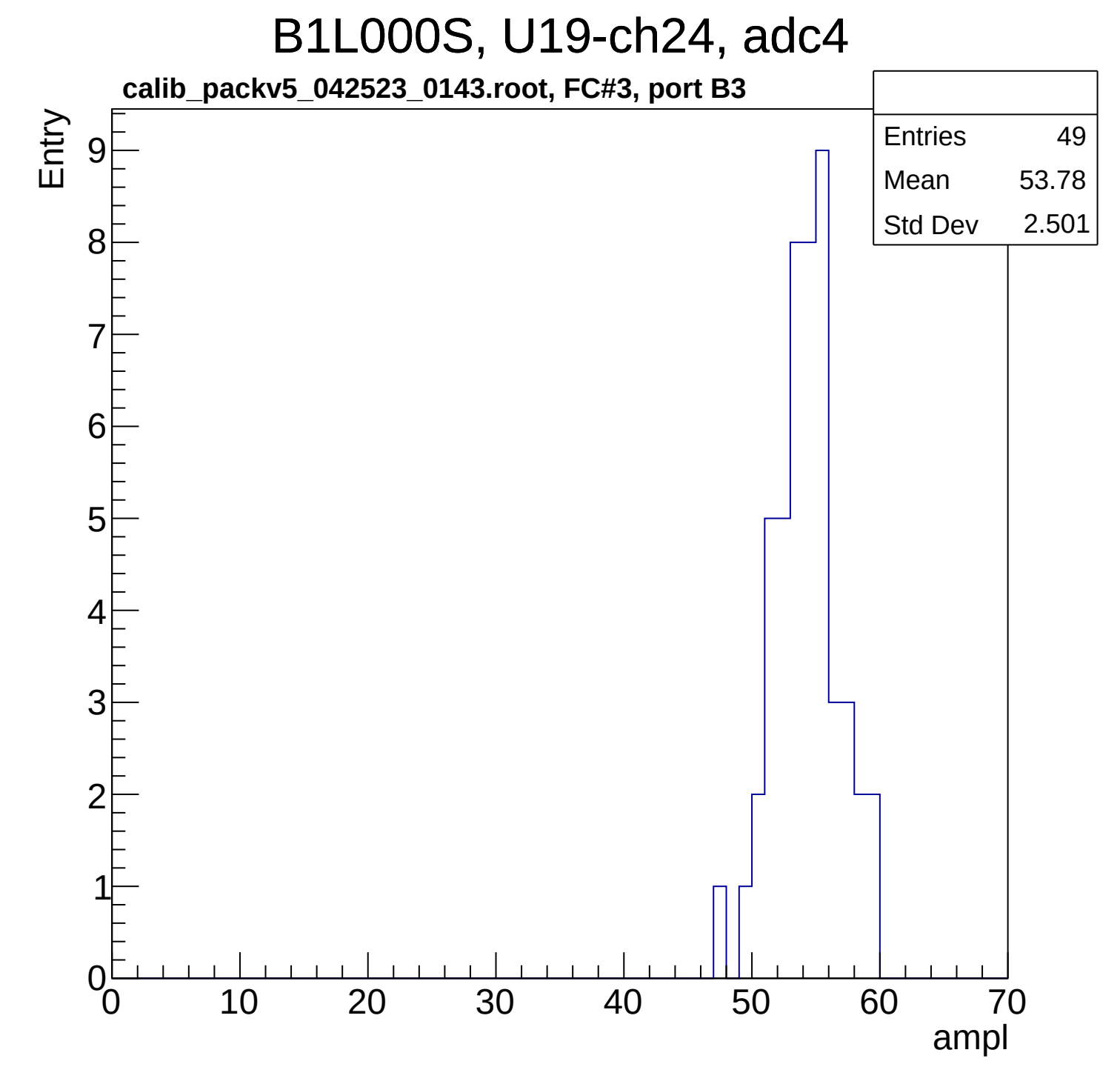
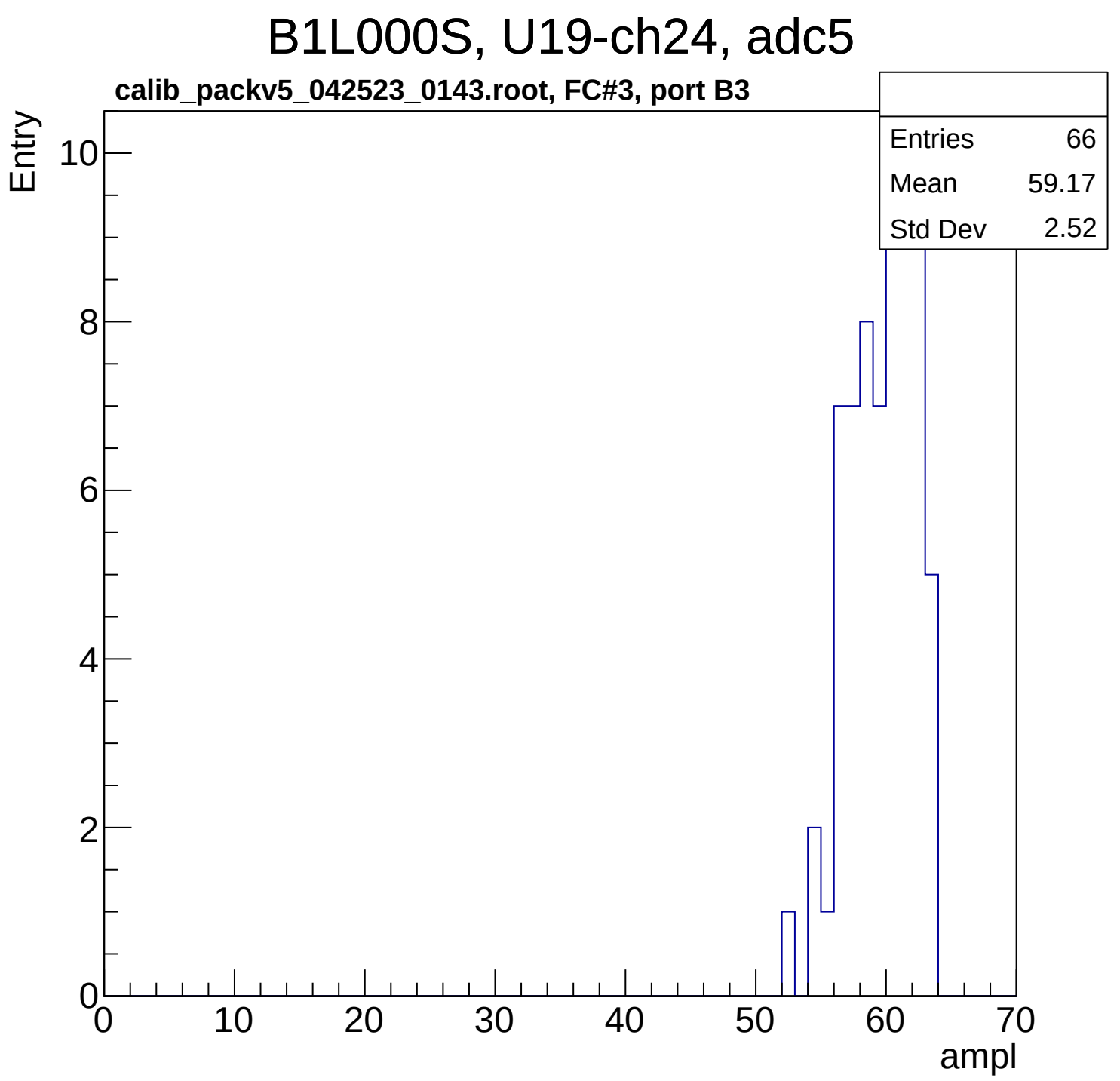
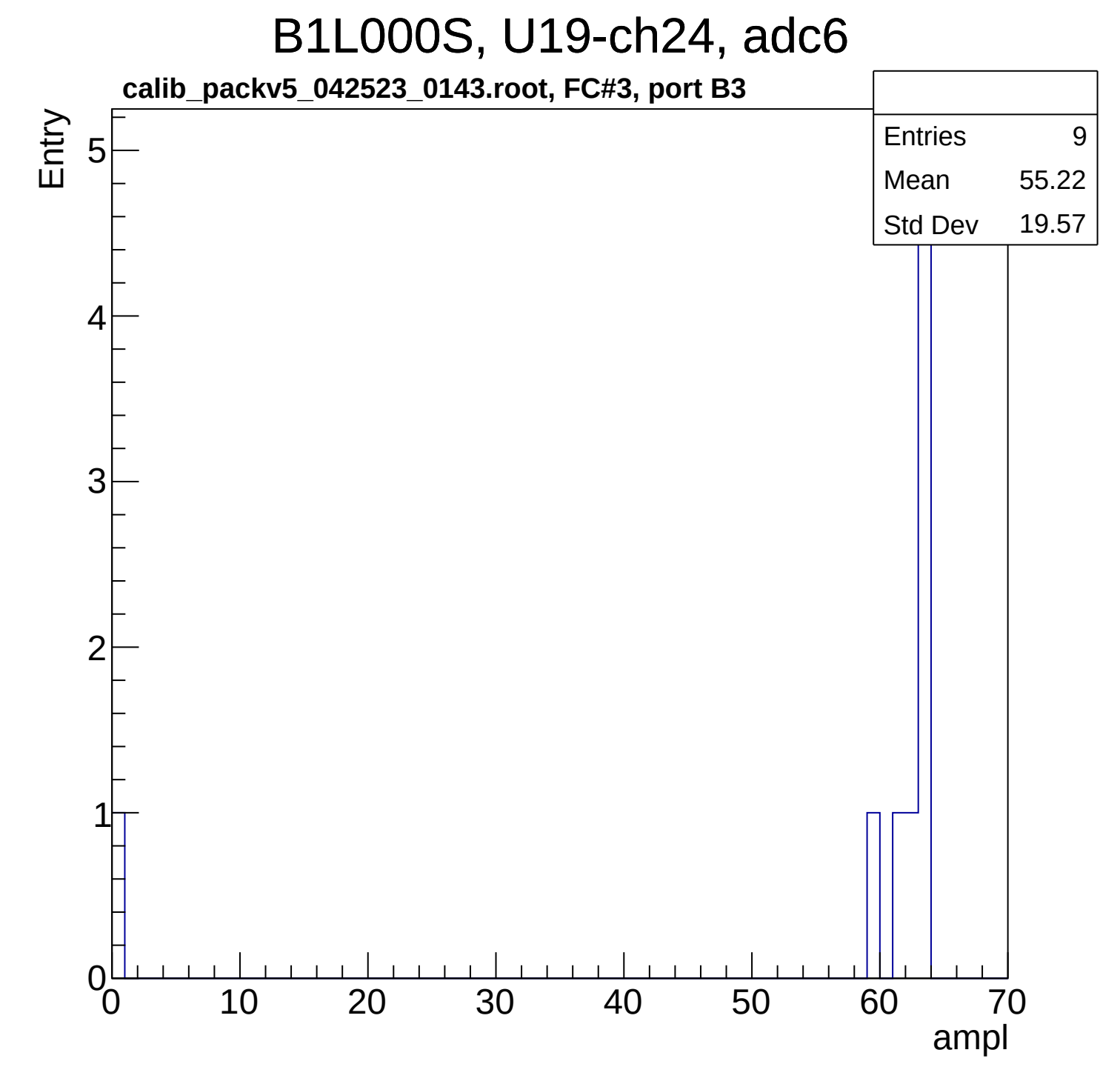

B1L000S, U19-ch24, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 35.87
Std Dev 2.837
Gaus mean : 35.9402
Gaus Width: 3.4096
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

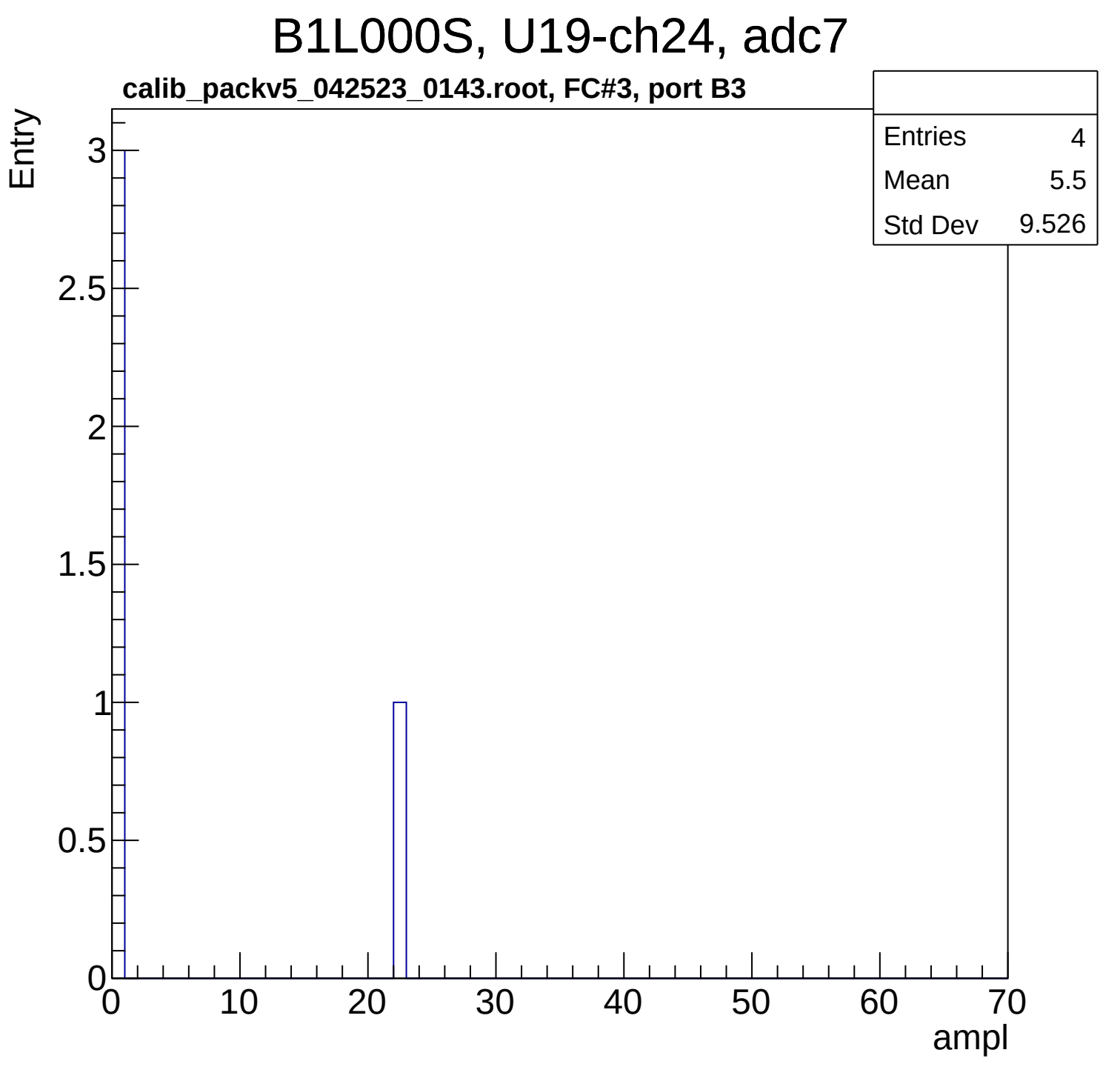

B1L000S, U19-ch24, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 41.27
Std Dev 2.979
Gaus mean : 41.5693
Gaus Width: 3.3694
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U19-ch24, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 47.54
Std Dev 2.867
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch24, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 53.78
Std Dev 2.501
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch24, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 59.17
Std Dev 2.52
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch24, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 55.22
Std Dev 19.57
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch24, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 5.5
Std Dev 9.526
Entry
ampl
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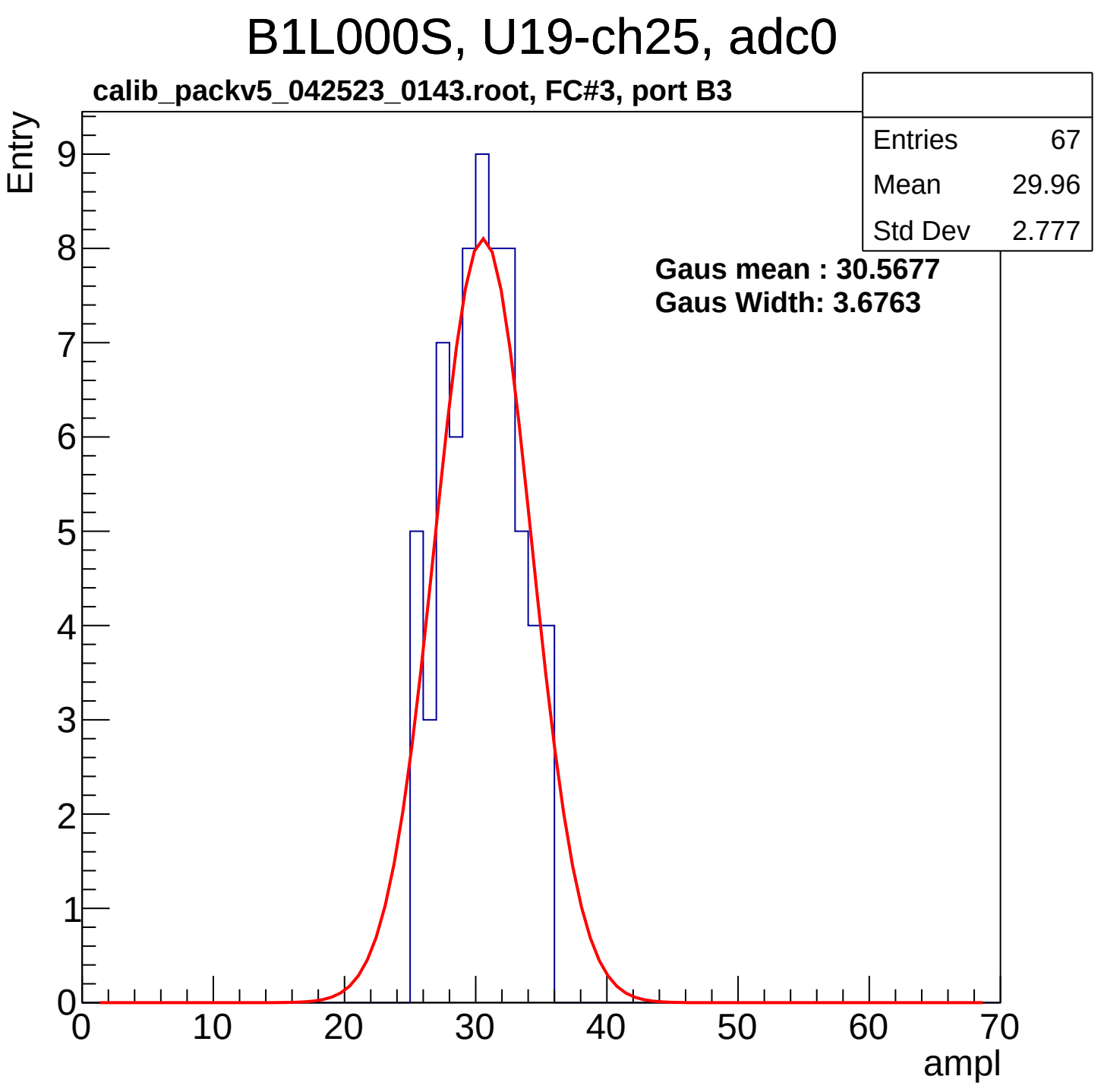
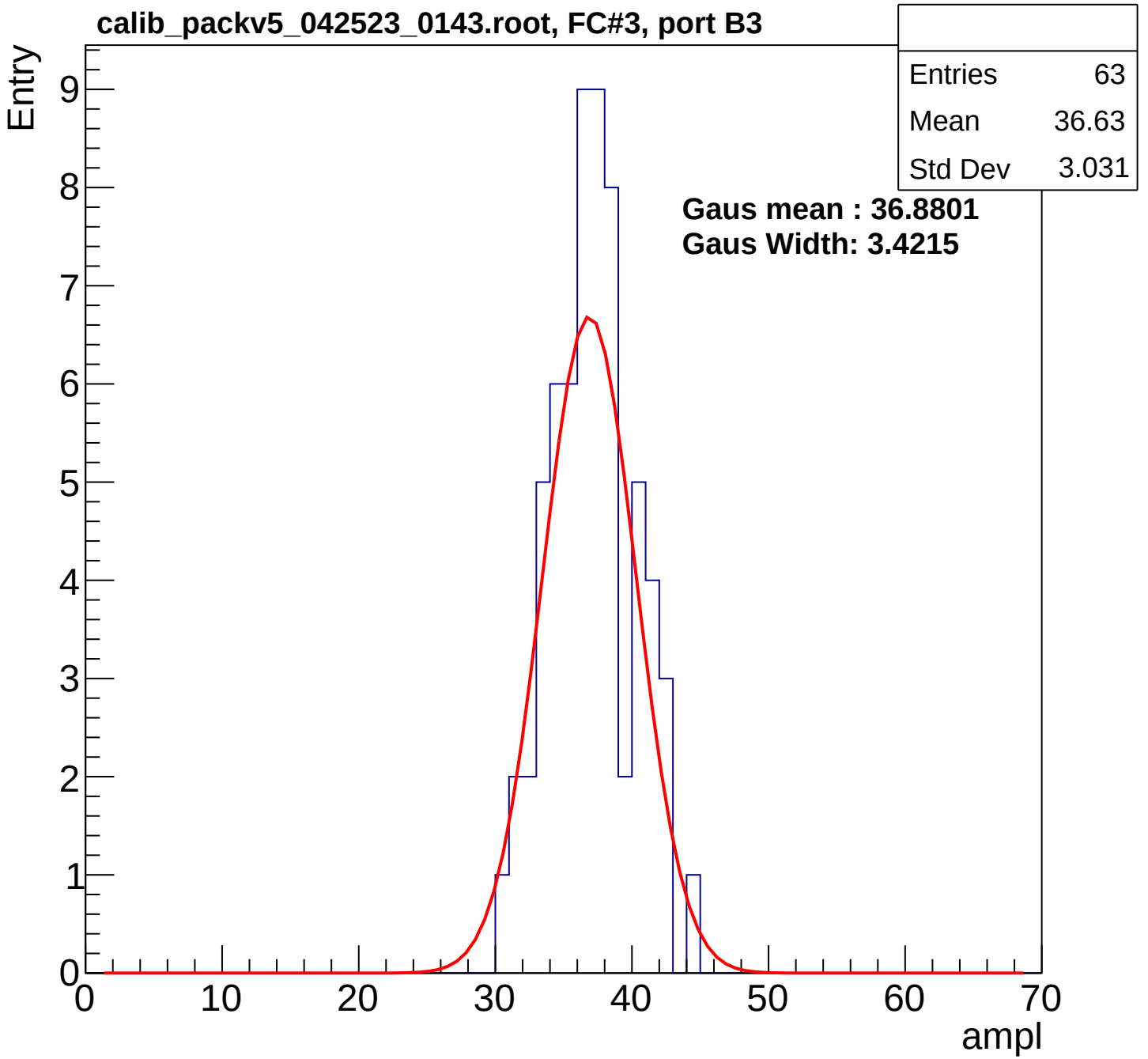
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U19-ch25, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 29.96
Std Dev 2.777
Gaus mean : 30.5677
Gaus Width: 3.6763
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch25, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 36.63
Std Dev 3.031
Gaus mean : 36.8801
Gaus Width: 3.4215
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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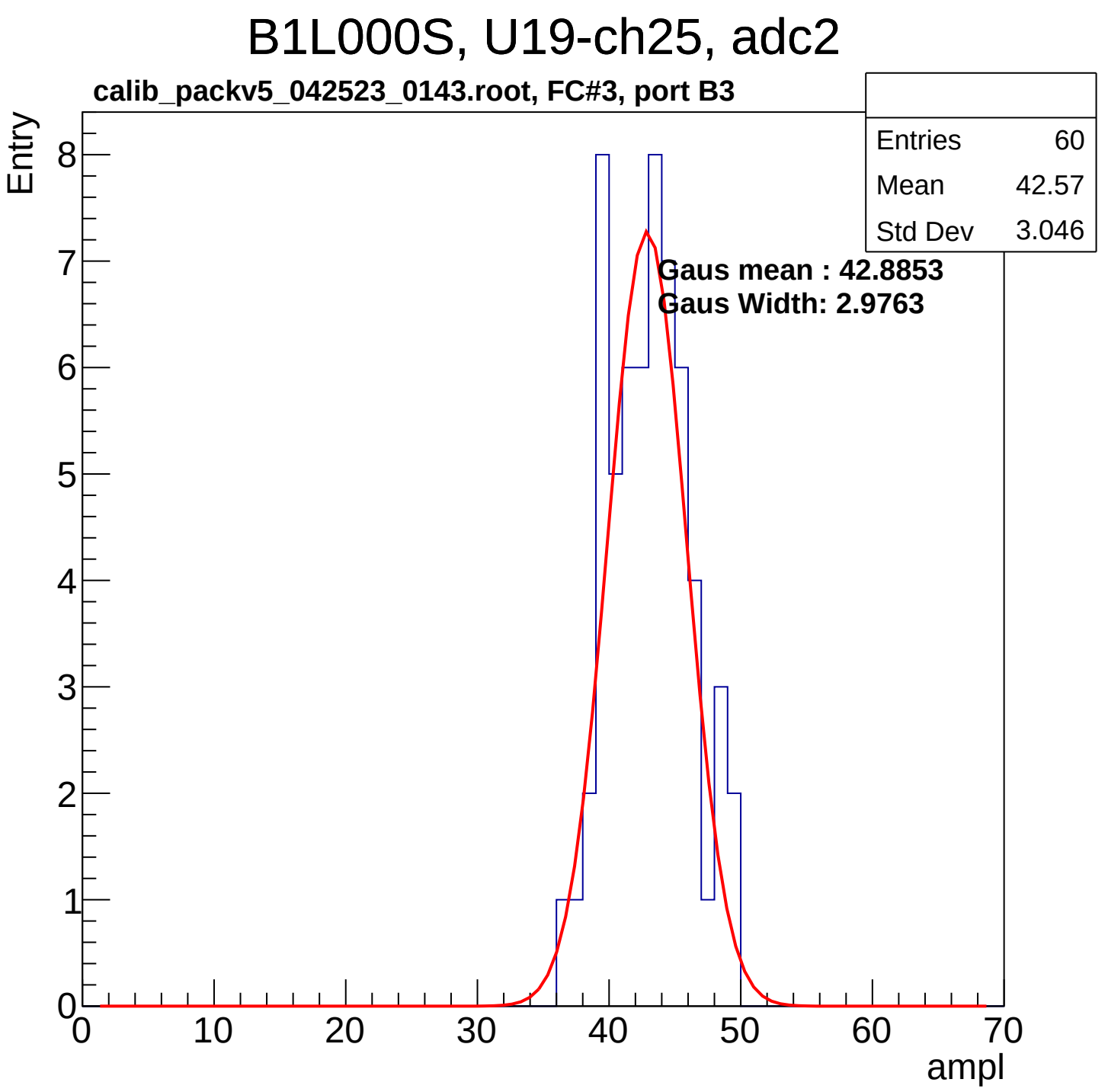
60
70


B1L000S, U19-ch25, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 42.57
Std Dev 3.046
Gaus mean : 42.8853
Gaus Width: 2.9763
Entry
ampl
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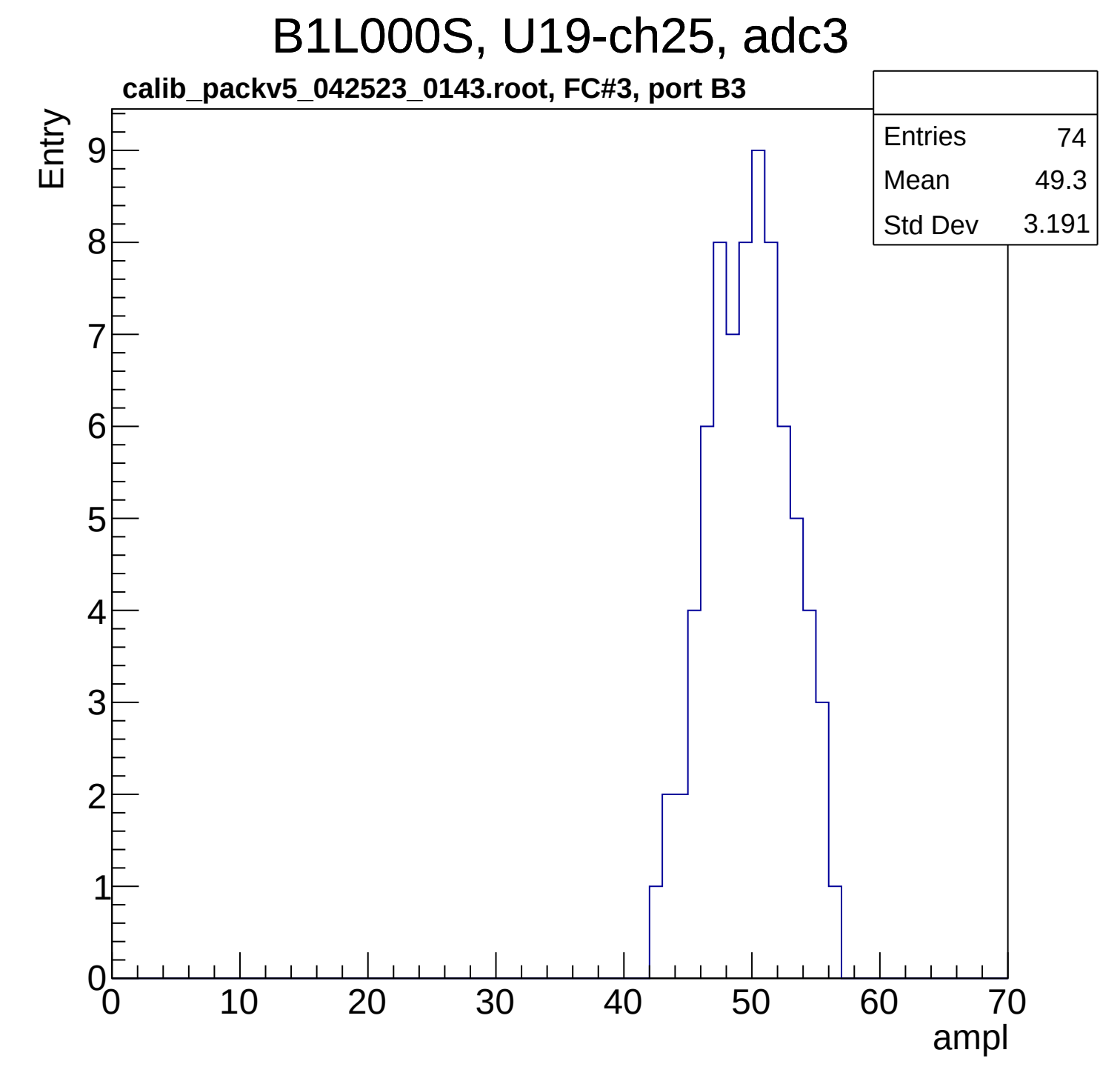
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch25, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 49.3
Std Dev 3.191
Entry
ampl
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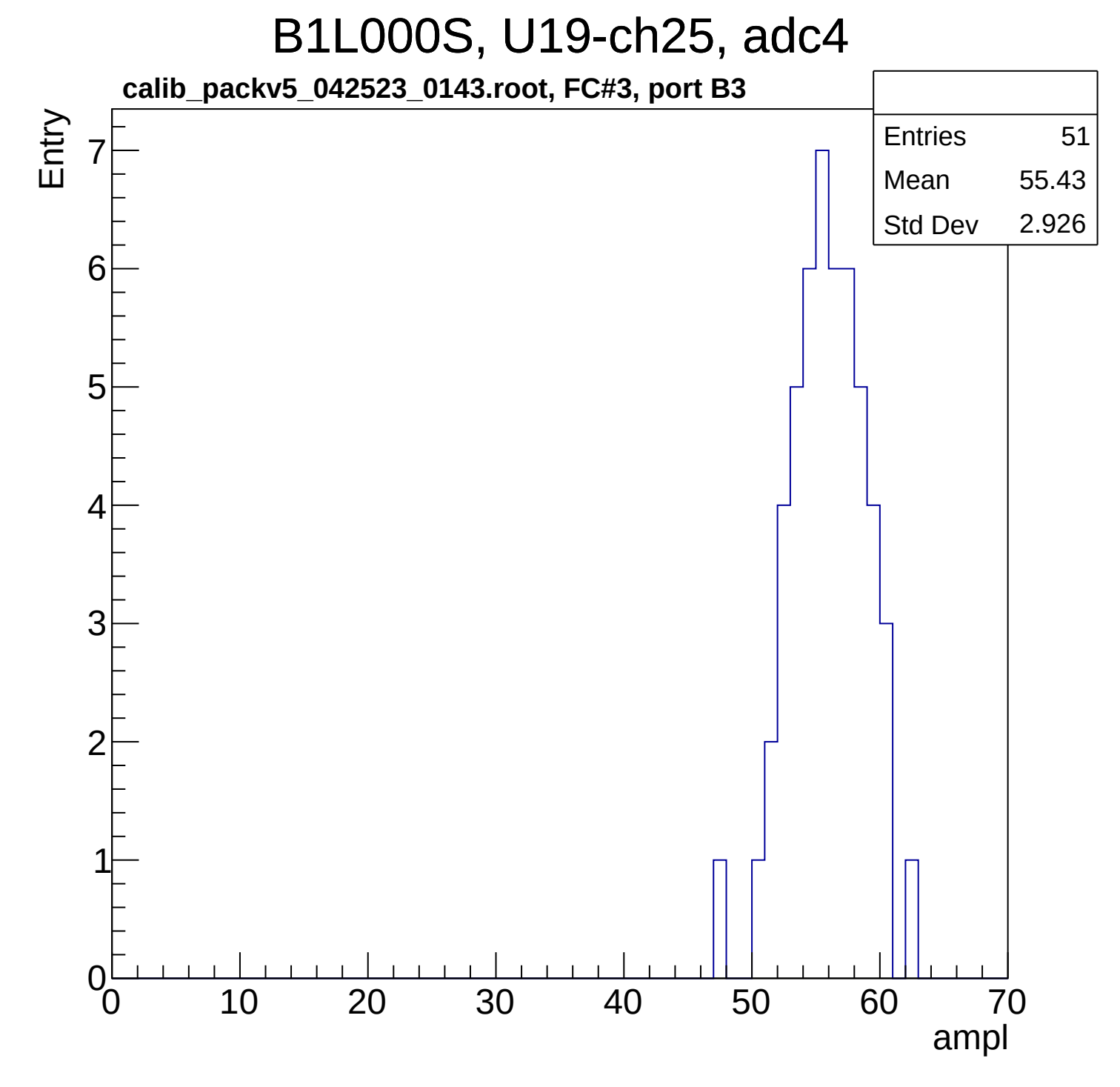
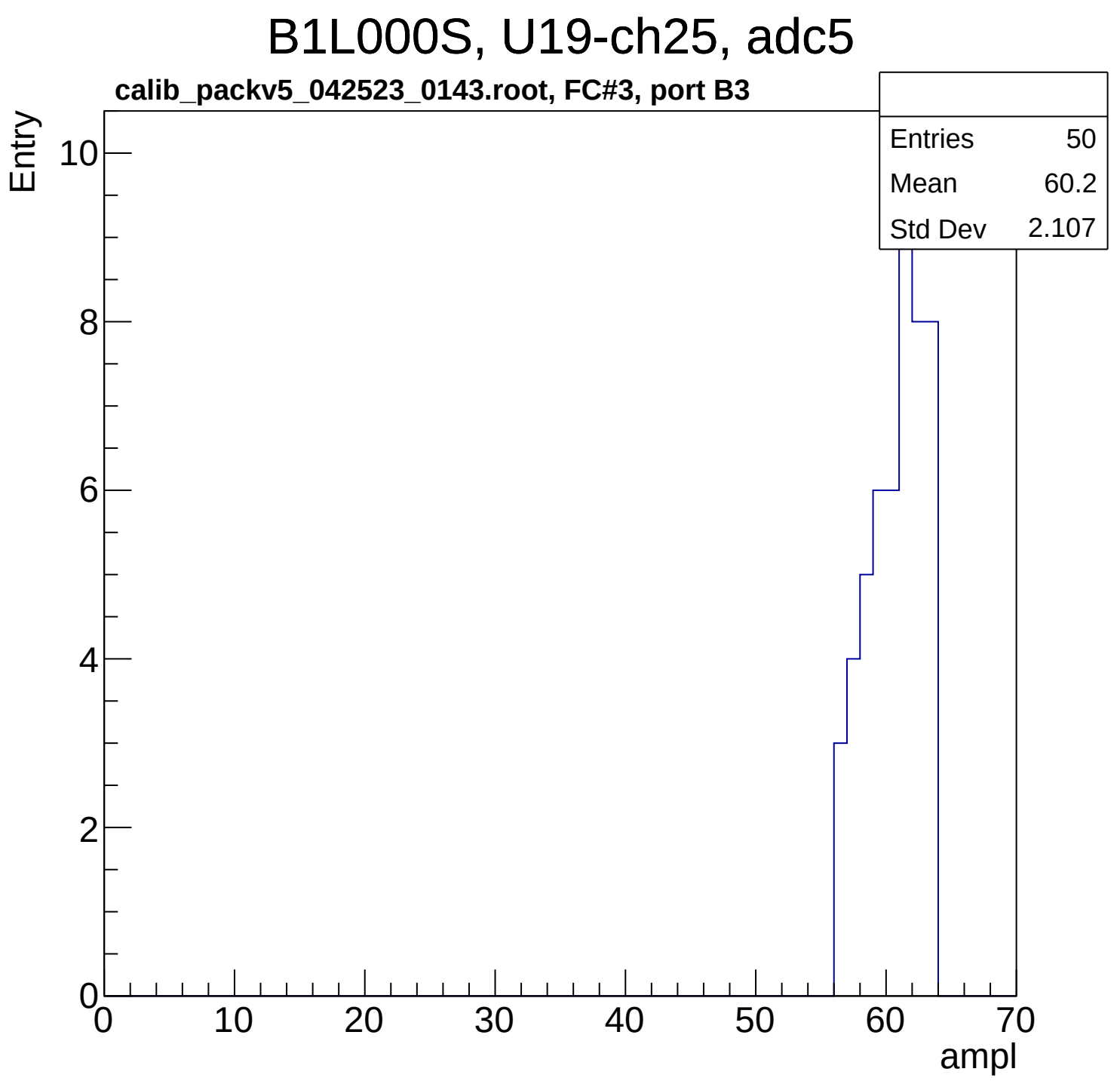
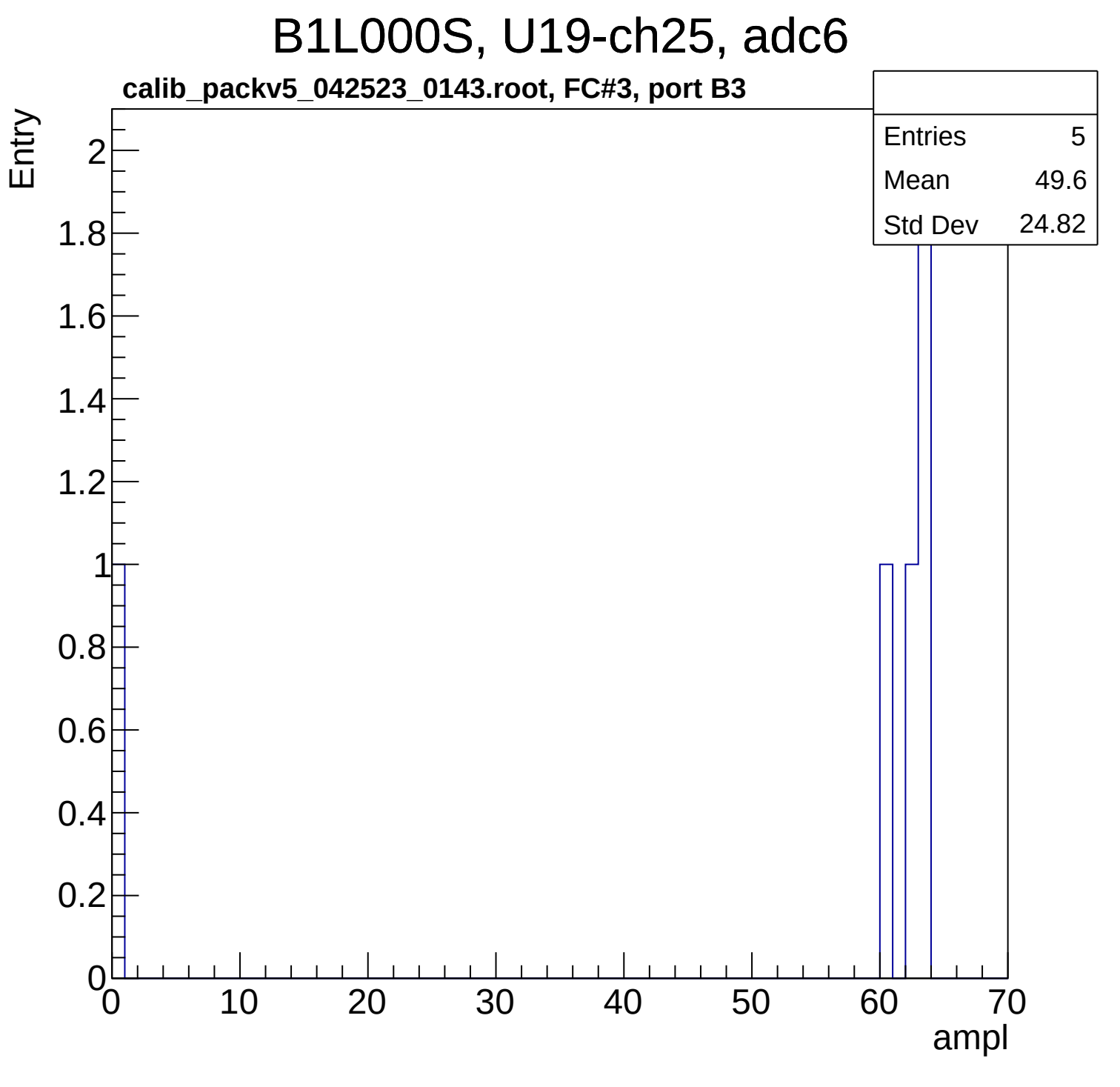
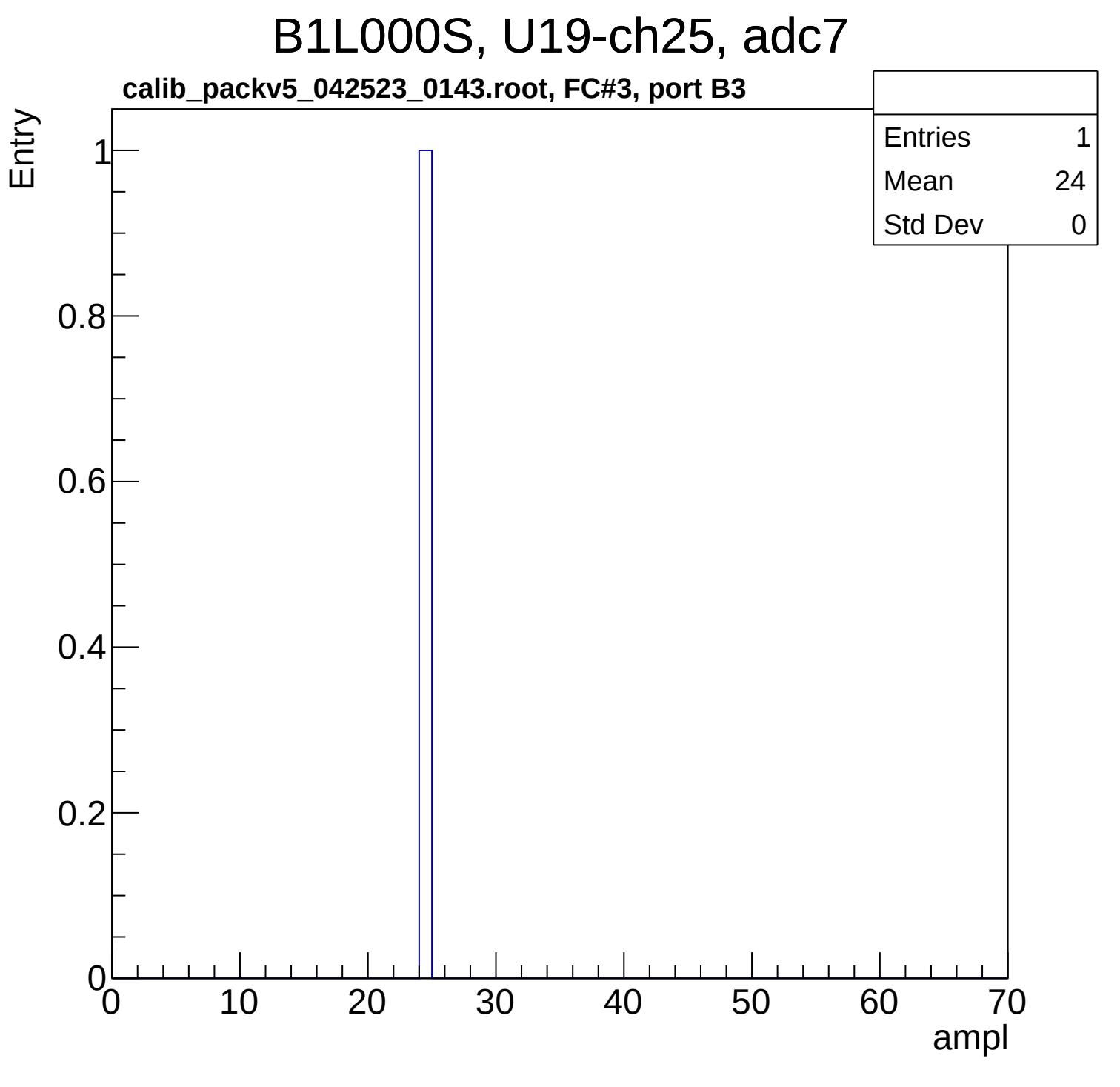
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch25, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 55.43
Std Dev 2.926
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U19-ch25, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 60.2
Std Dev 2.107
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch25, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 49.6
Std Dev 24.82
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, U19-ch25, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 24
Std Dev 0
Entry
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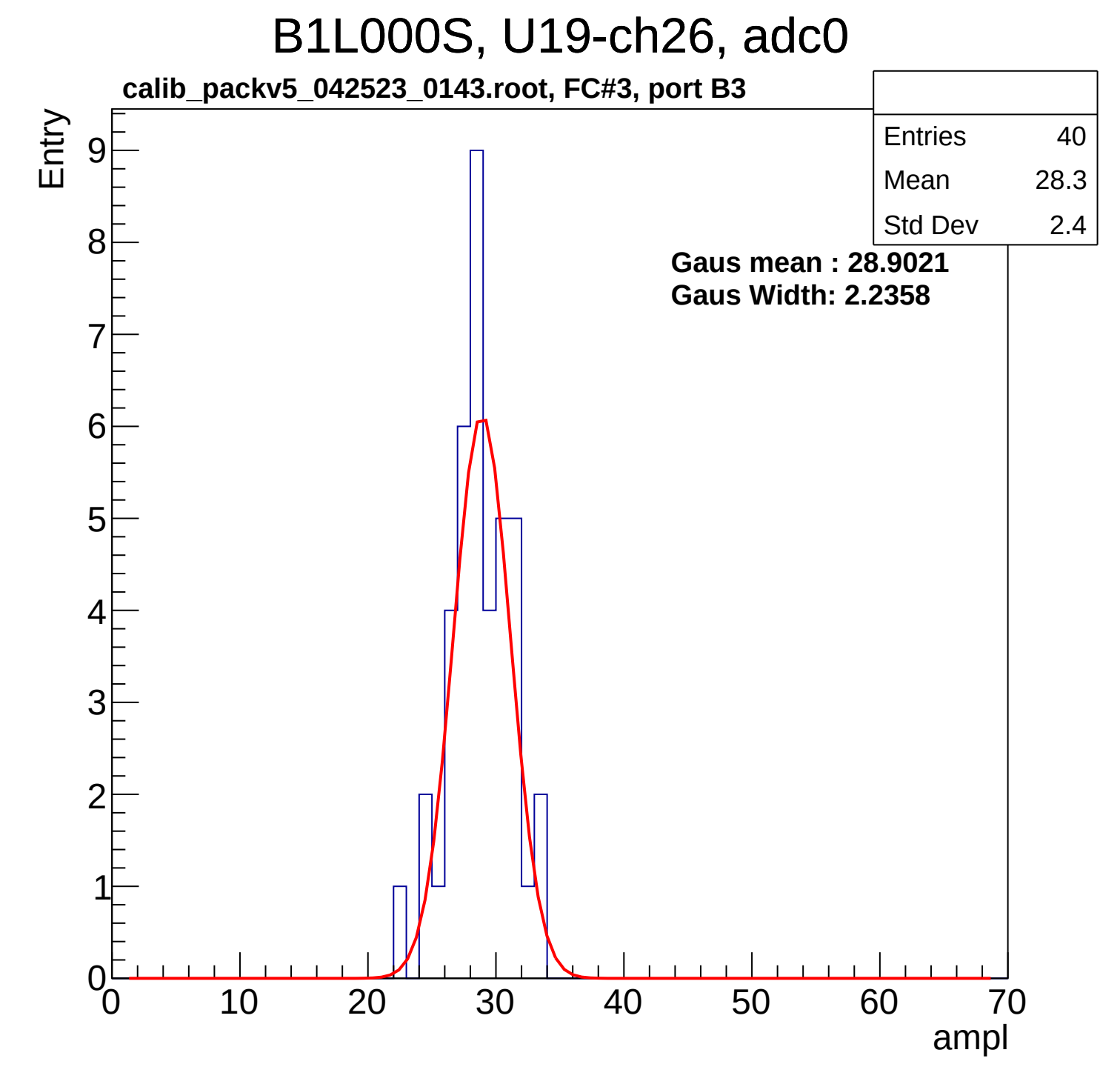
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch26, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 40
Mean 28.3
Std Dev 2.4
Gaus mean : 28.9021
Gaus Width: 2.2358
Entry
ampl
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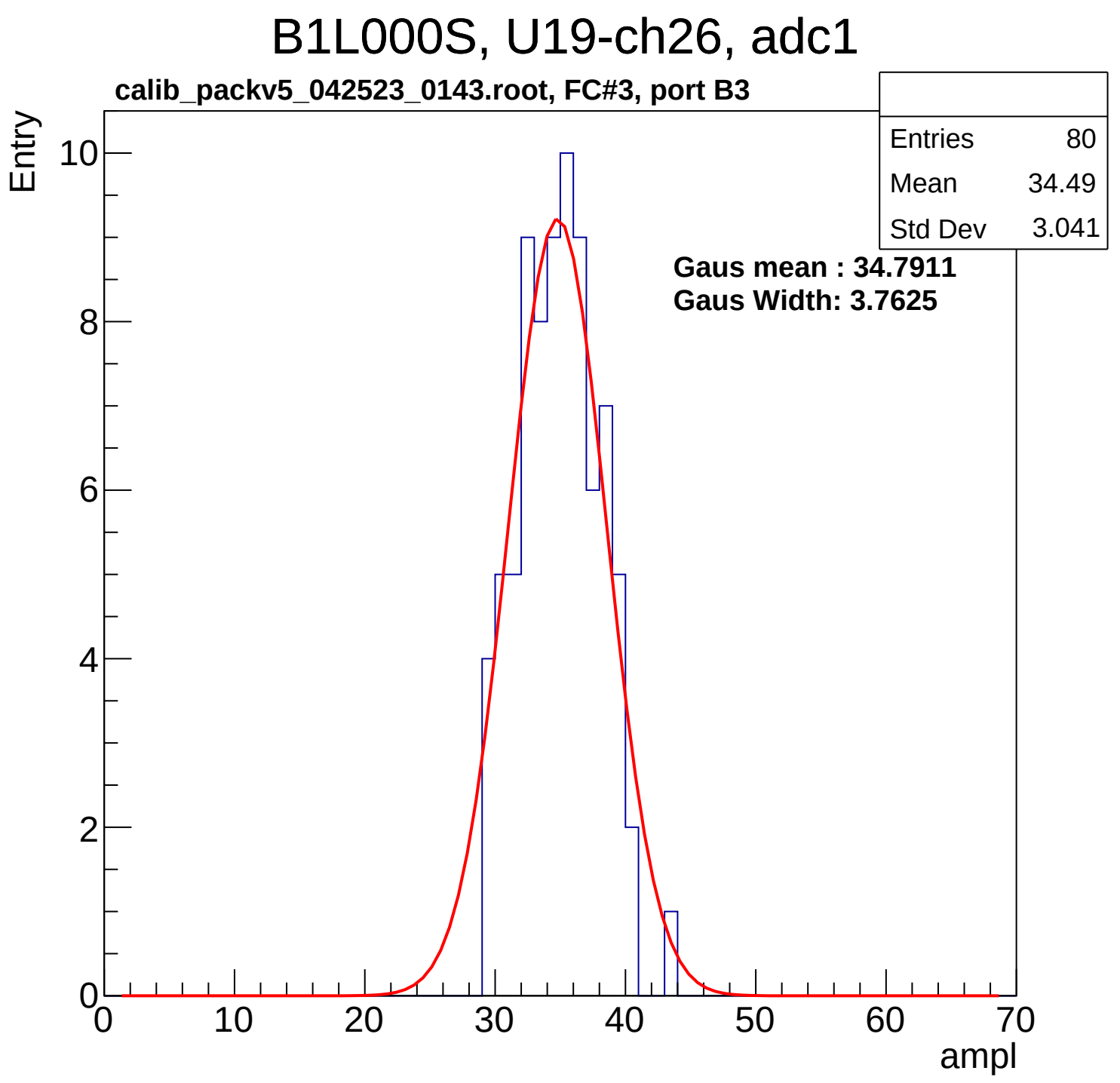
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch26, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 80
Mean 34.49
Std Dev 3.041
Gaus mean : 34.7911
Gaus Width: 3.7625
Entry
ampl
0
2
4
6
8
10
0
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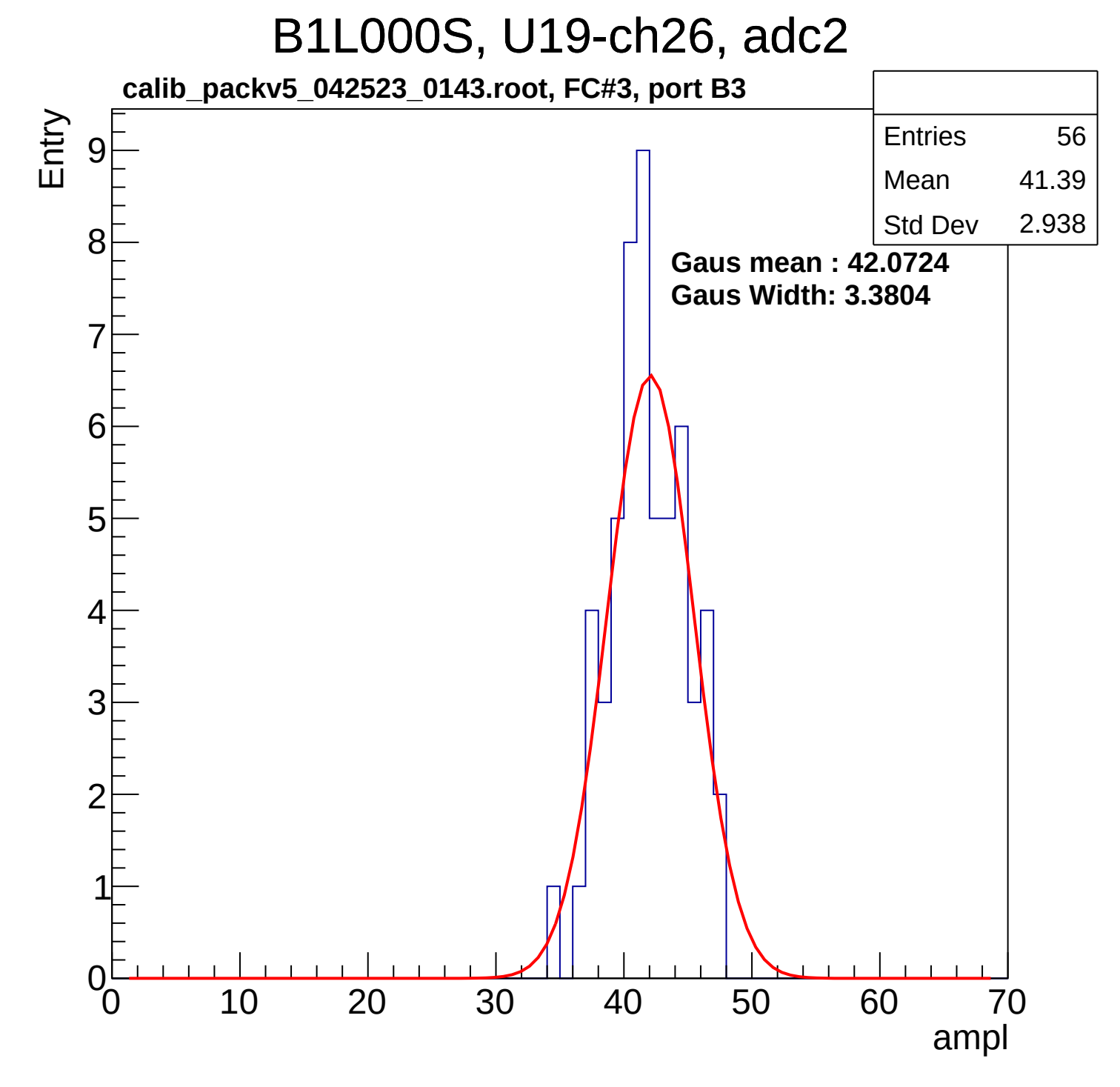
20
30
40
50
60
70


B1L000S, U19-ch26, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 41.39
Std Dev 2.938
Gaus mean : 42.0724
Gaus Width: 3.3804
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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60
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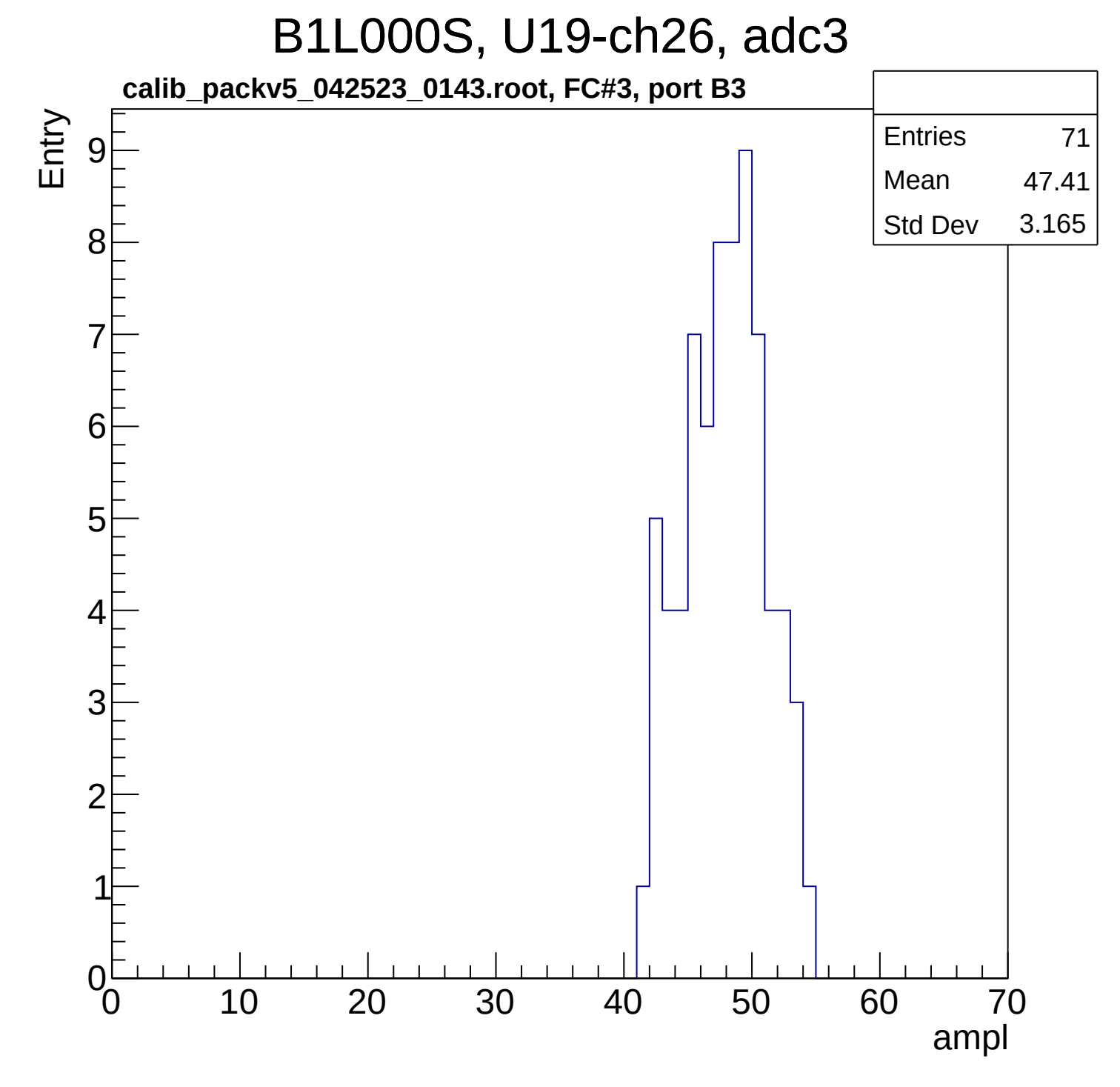
B1L000S, U19-ch26, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 47.41
Std Dev 3.165
Entry
ampl
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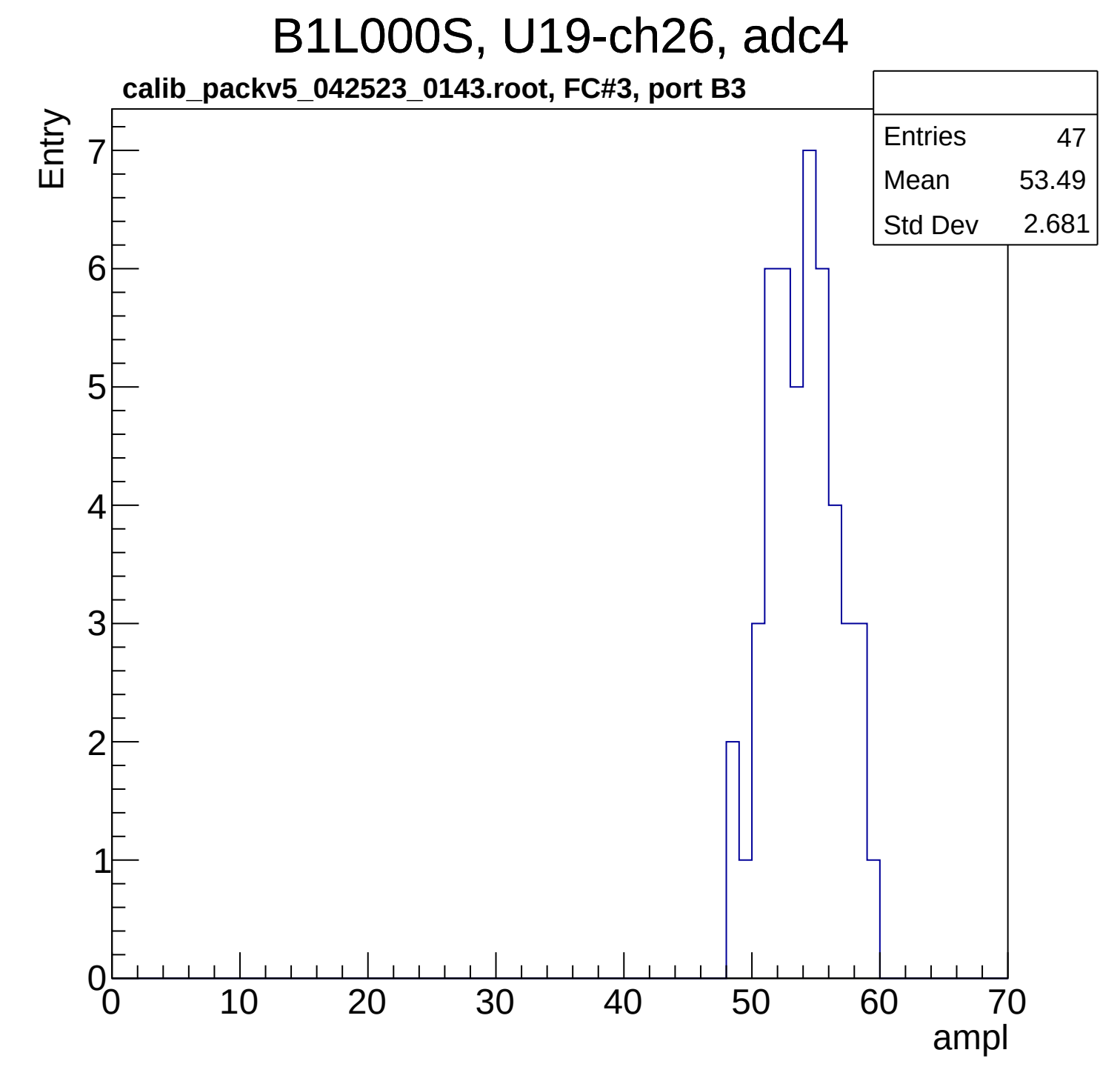
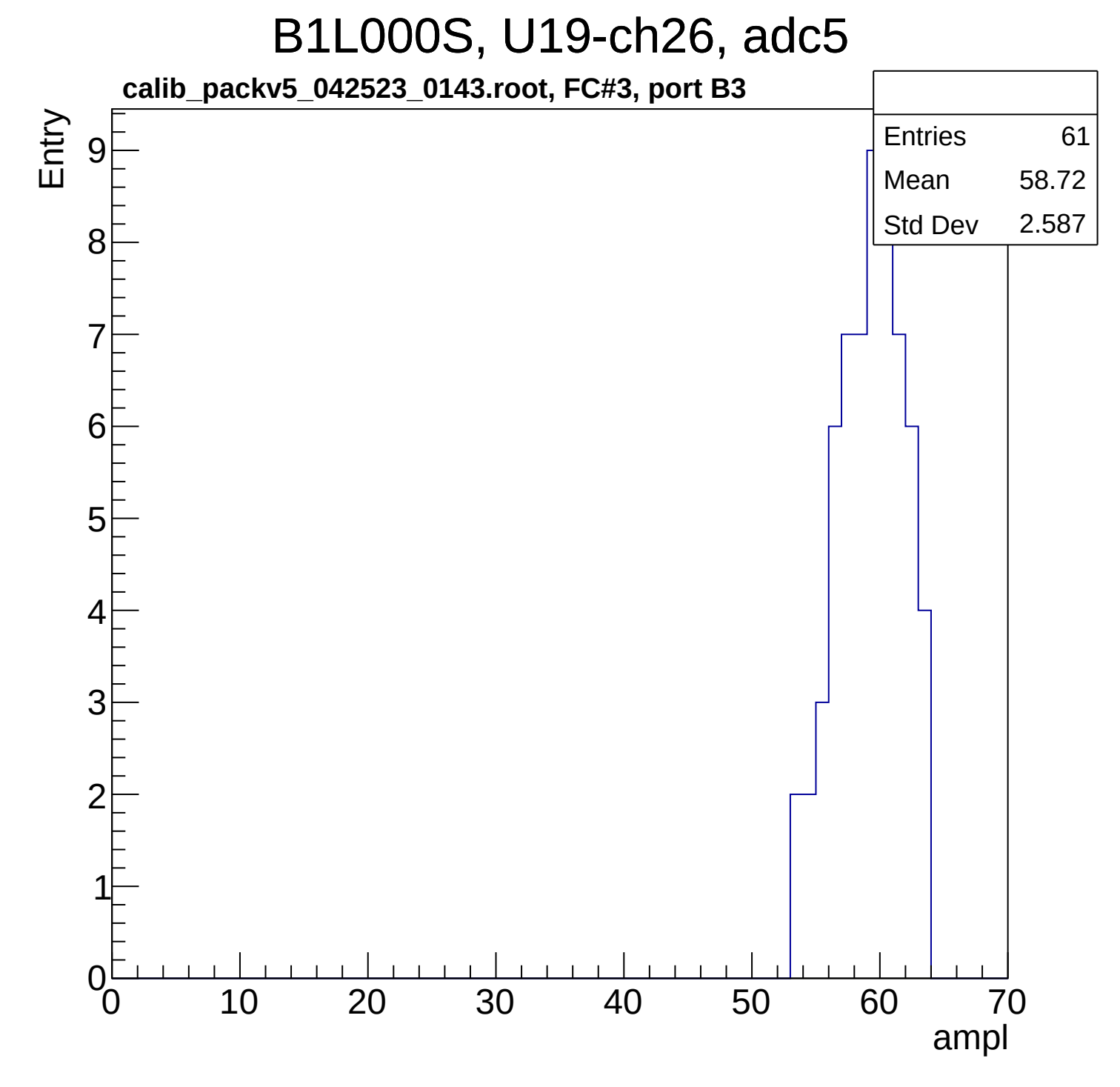
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch26, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 53.49
Std Dev 2.681
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U19-ch26, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 58.72
Std Dev 2.587
Entry
ampl
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2
3
4
5
6
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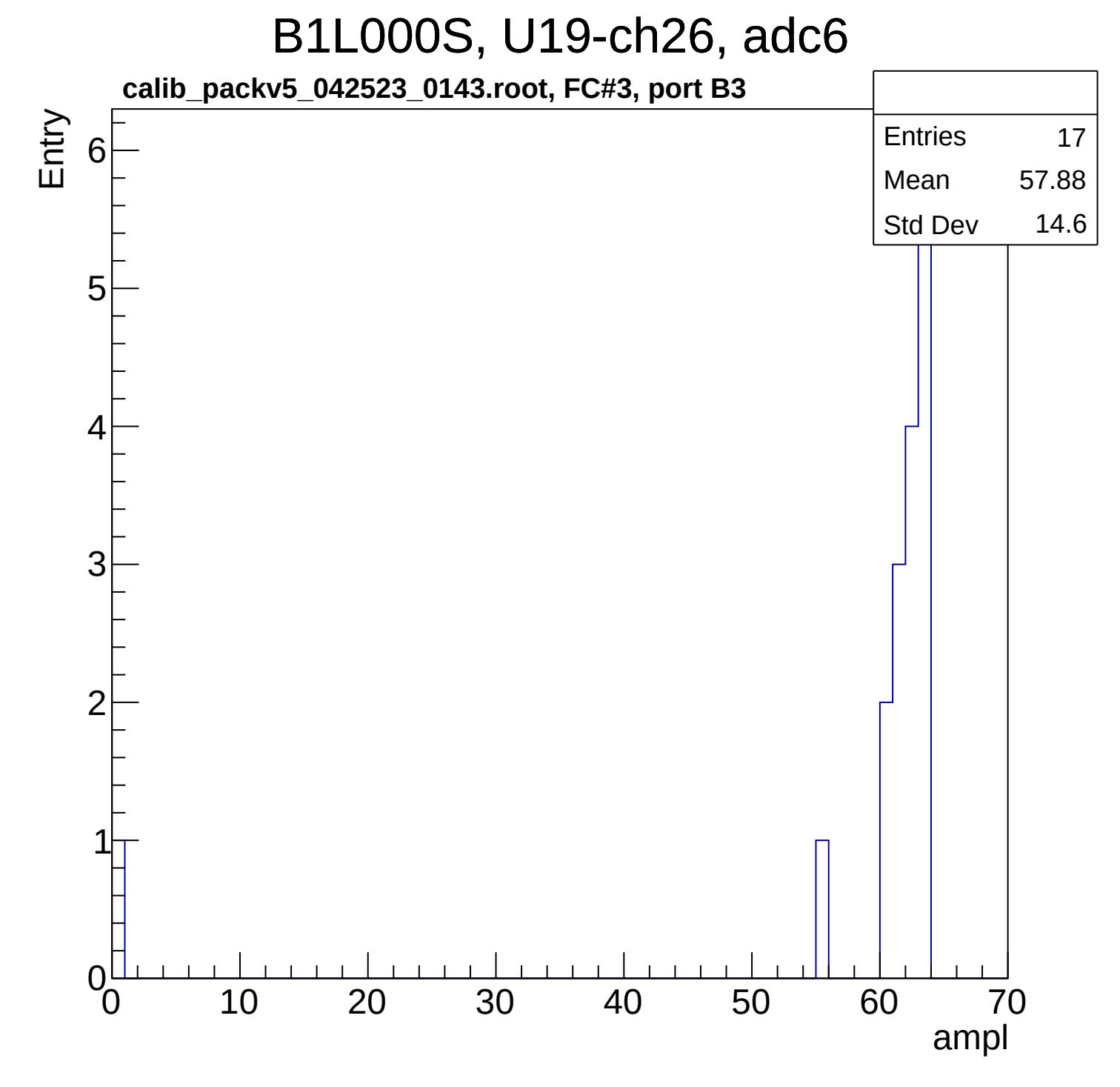
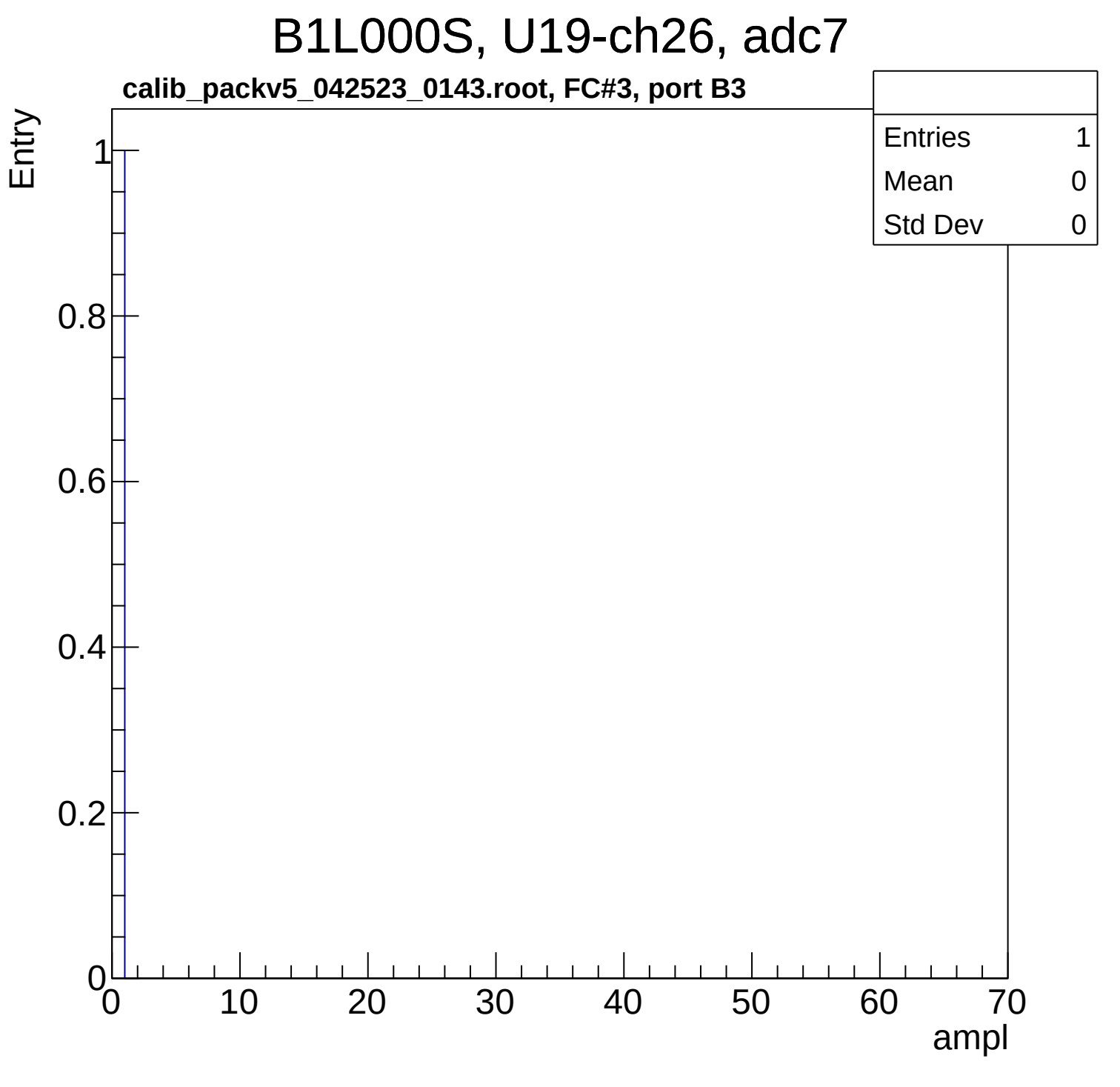
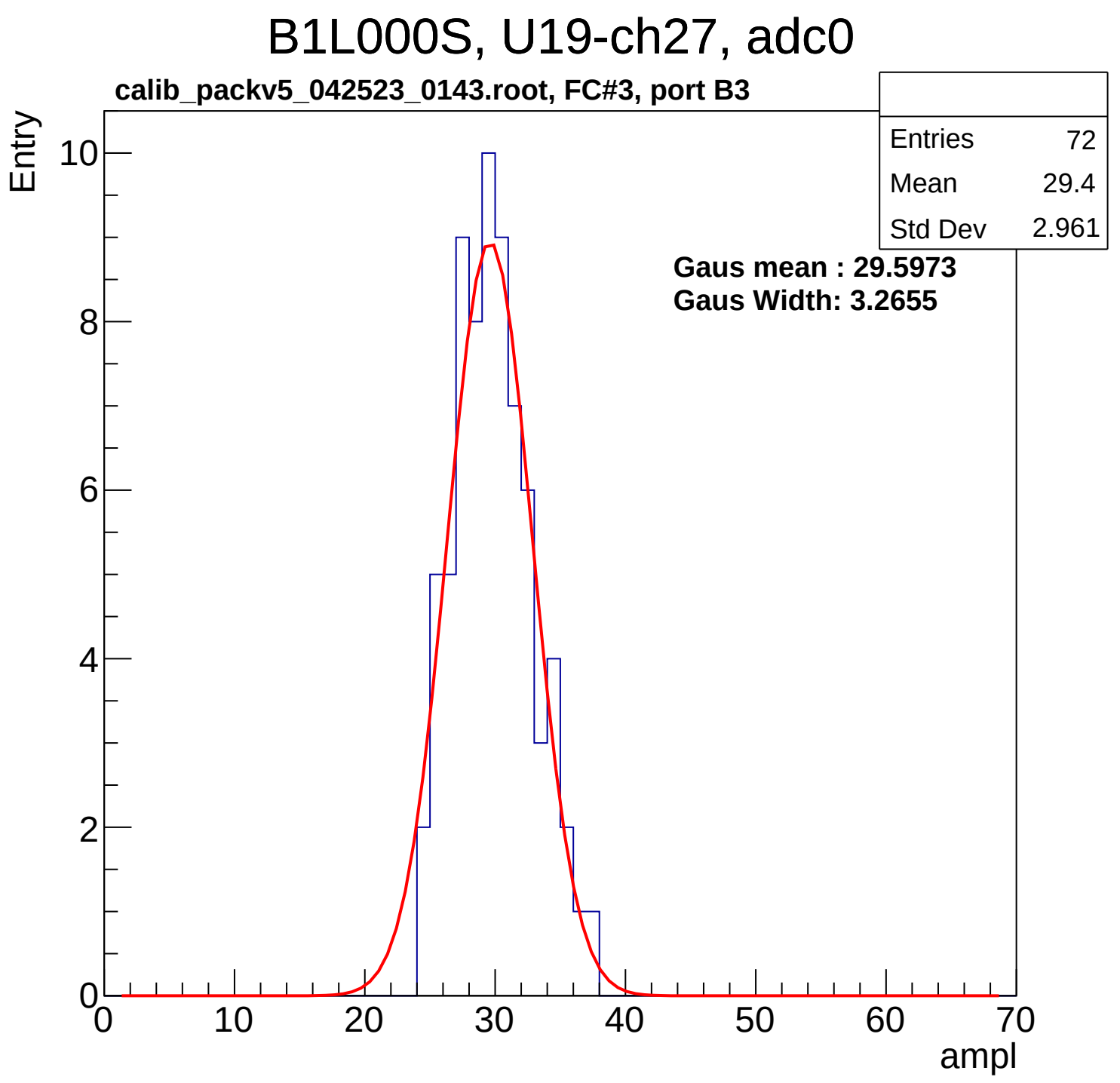

B1L000S, U19-ch26, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 57.88
Std Dev 14.6
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch26, 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, U19-ch27, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 29.4
Std Dev 2.961
Gaus mean : 29.5973
Gaus Width: 3.2655
Entry
ampl
0
2
4
6
8
10
0
10
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60
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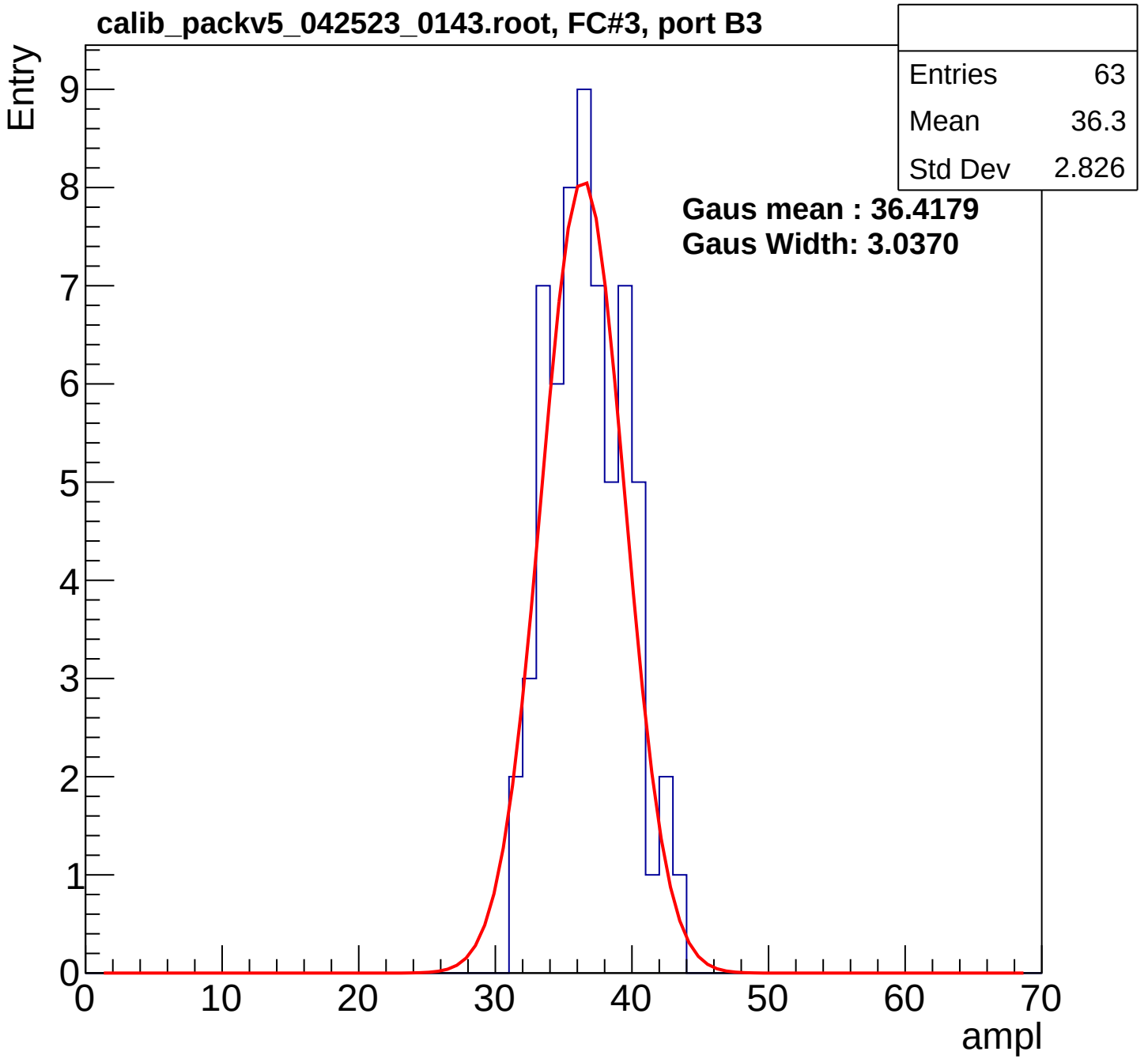
B1L000S, U19-ch27, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 36.3
Std Dev 2.826
Gaus mean : 36.4179
Gaus Width: 3.0370
Entry
ampl
0
10
20
30
40
50
60
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1
2
3
4
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6
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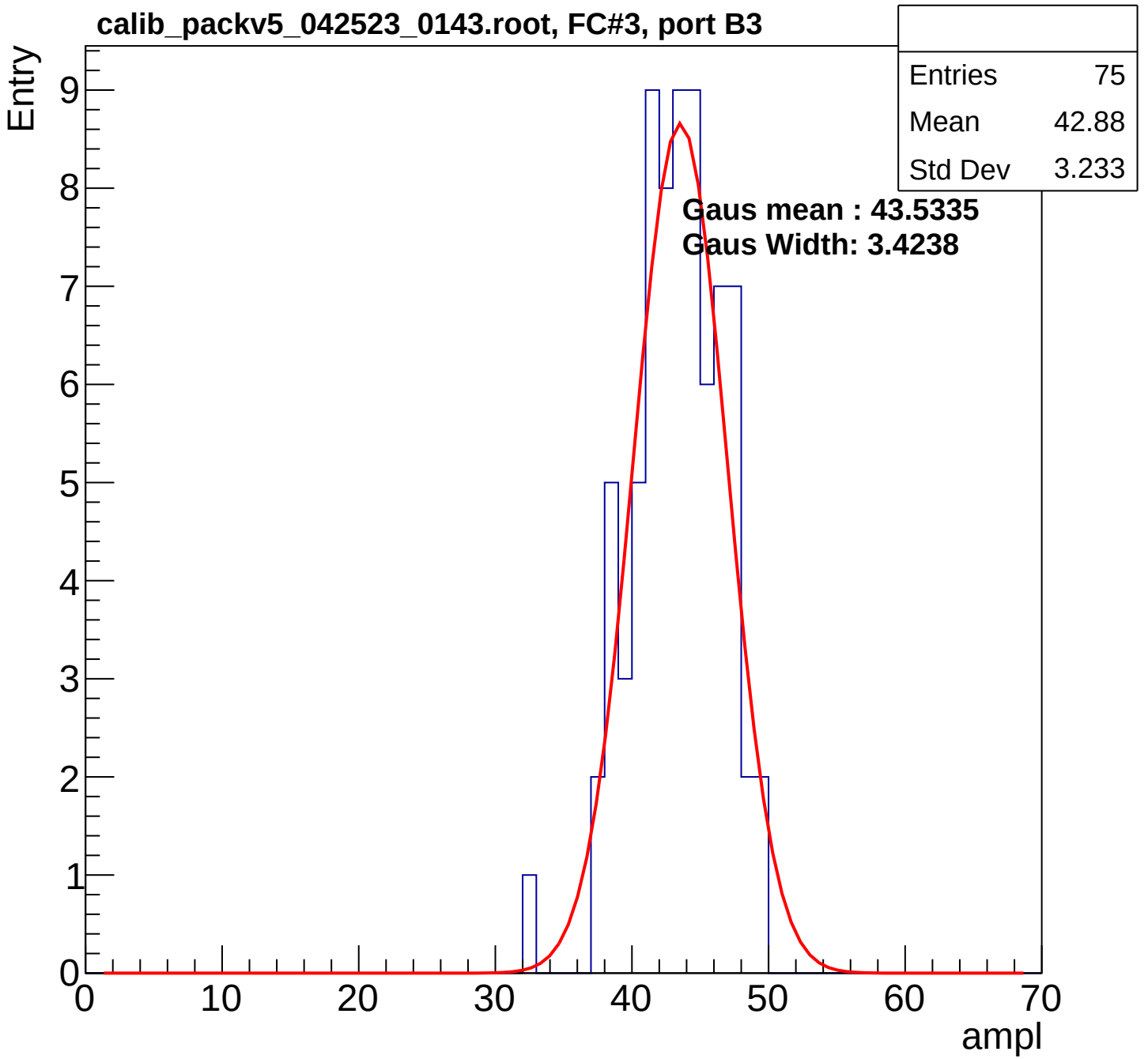
8
9


B1L000S, U19-ch27, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 42.88
Std Dev 3.233
Gaus mean : 43.5335
Gaus Width: 3.4238
Entry
ampl
0
1
2
3
4
5
6
7
8
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0
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40
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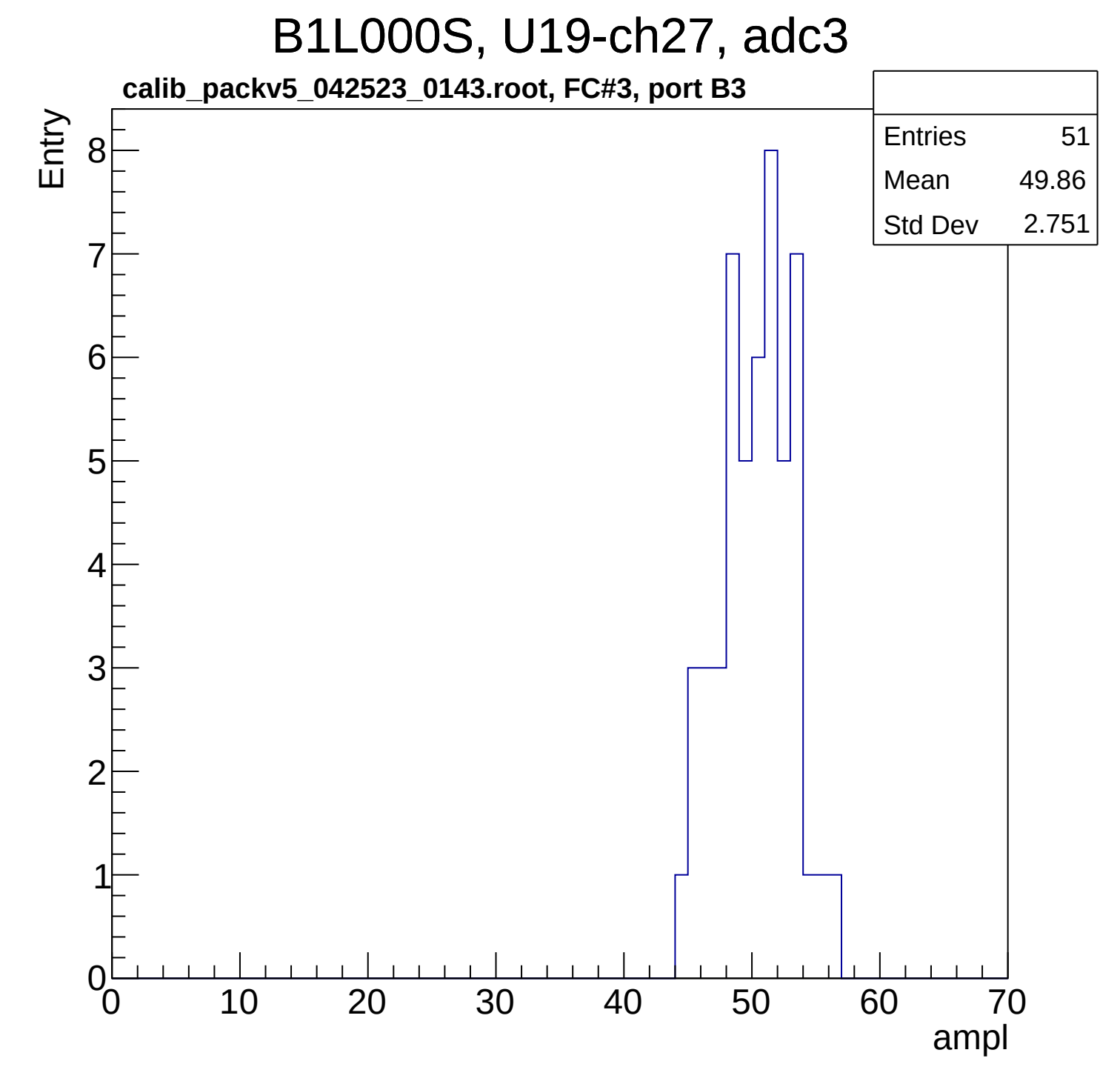
B1L000S, U19-ch27, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 49.86
Std Dev 2.751
Entry
ampl
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1
2
3
4
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0
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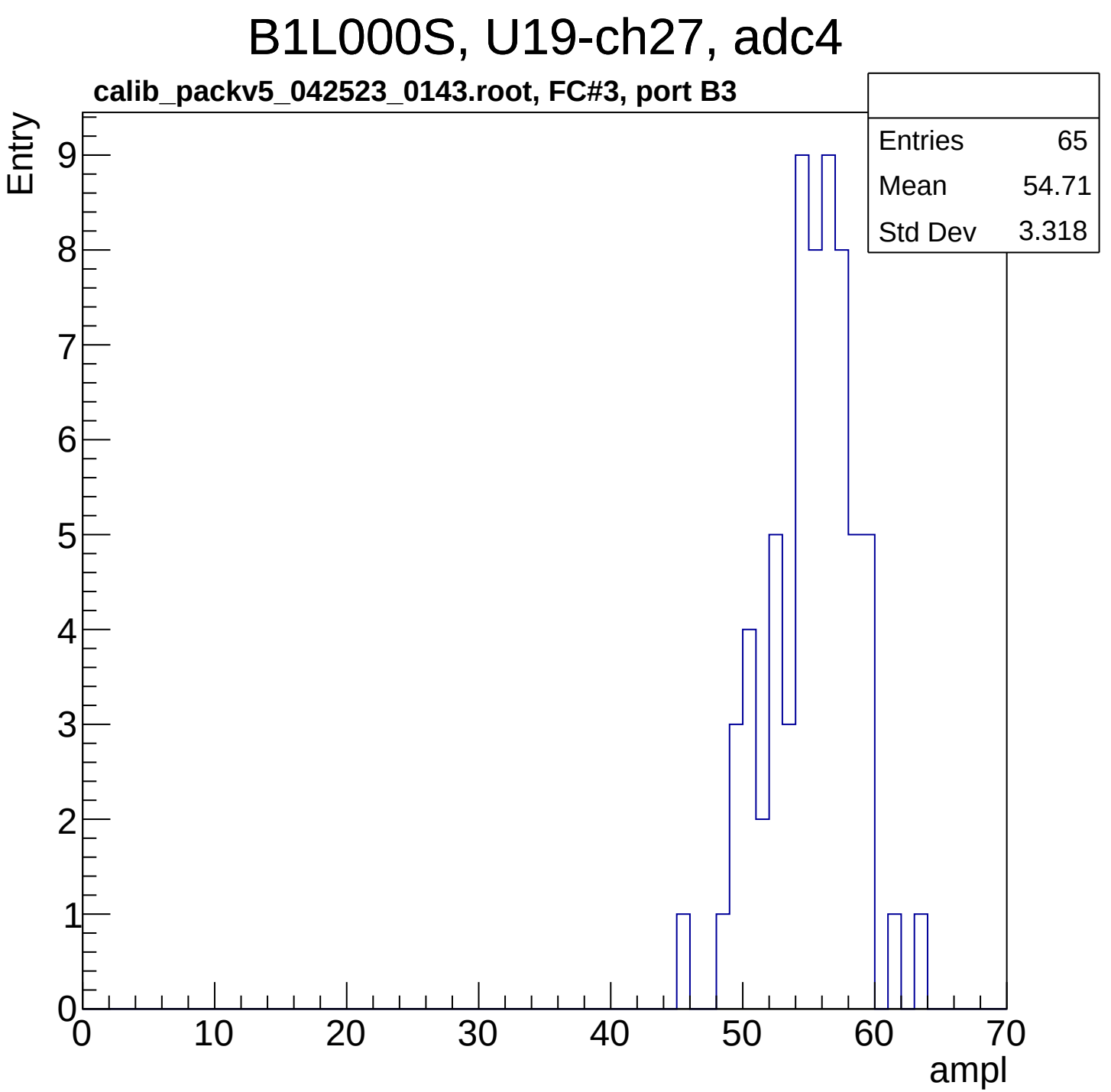
B1L000S, U19-ch27, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 54.71
Std Dev 3.318
Entry
ampl
0
1
2
3
4
5
6
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0
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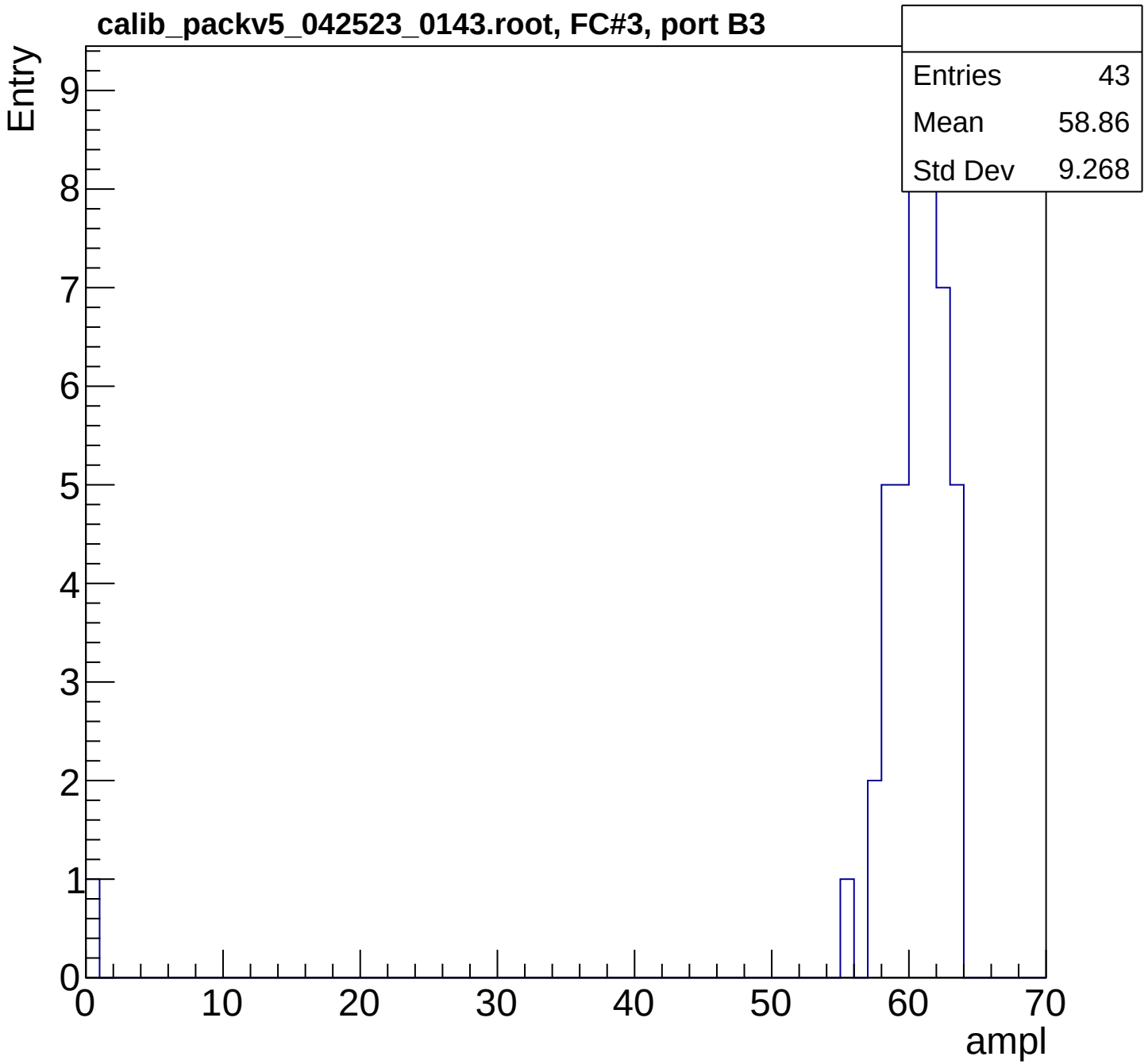
B1L000S, U19-ch27, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 58.86
Std Dev 9.268
Entry
ampl
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1
2
3
4
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7
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0
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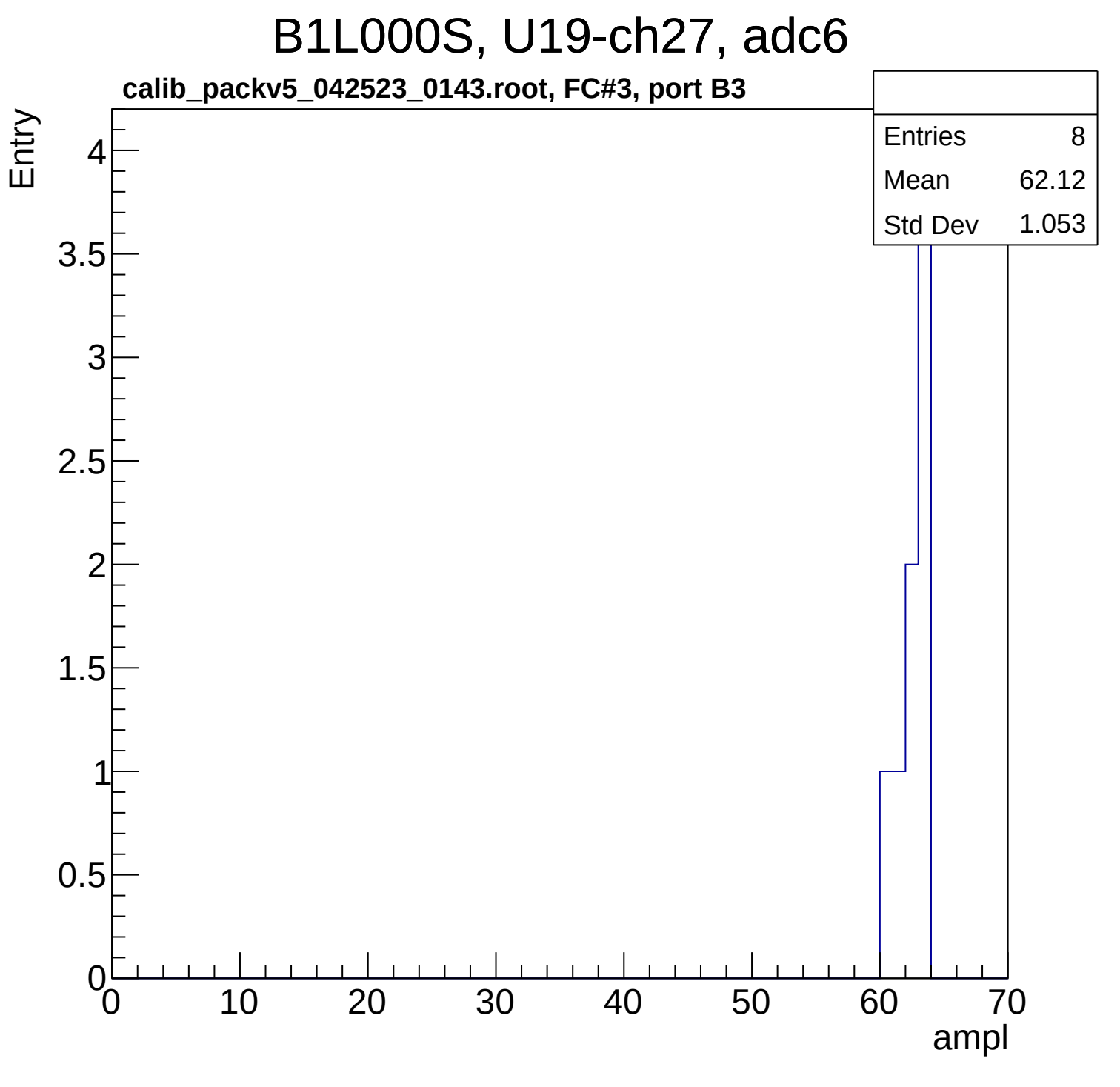
B1L000S, U19-ch27, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 62.12
Std Dev 1.053
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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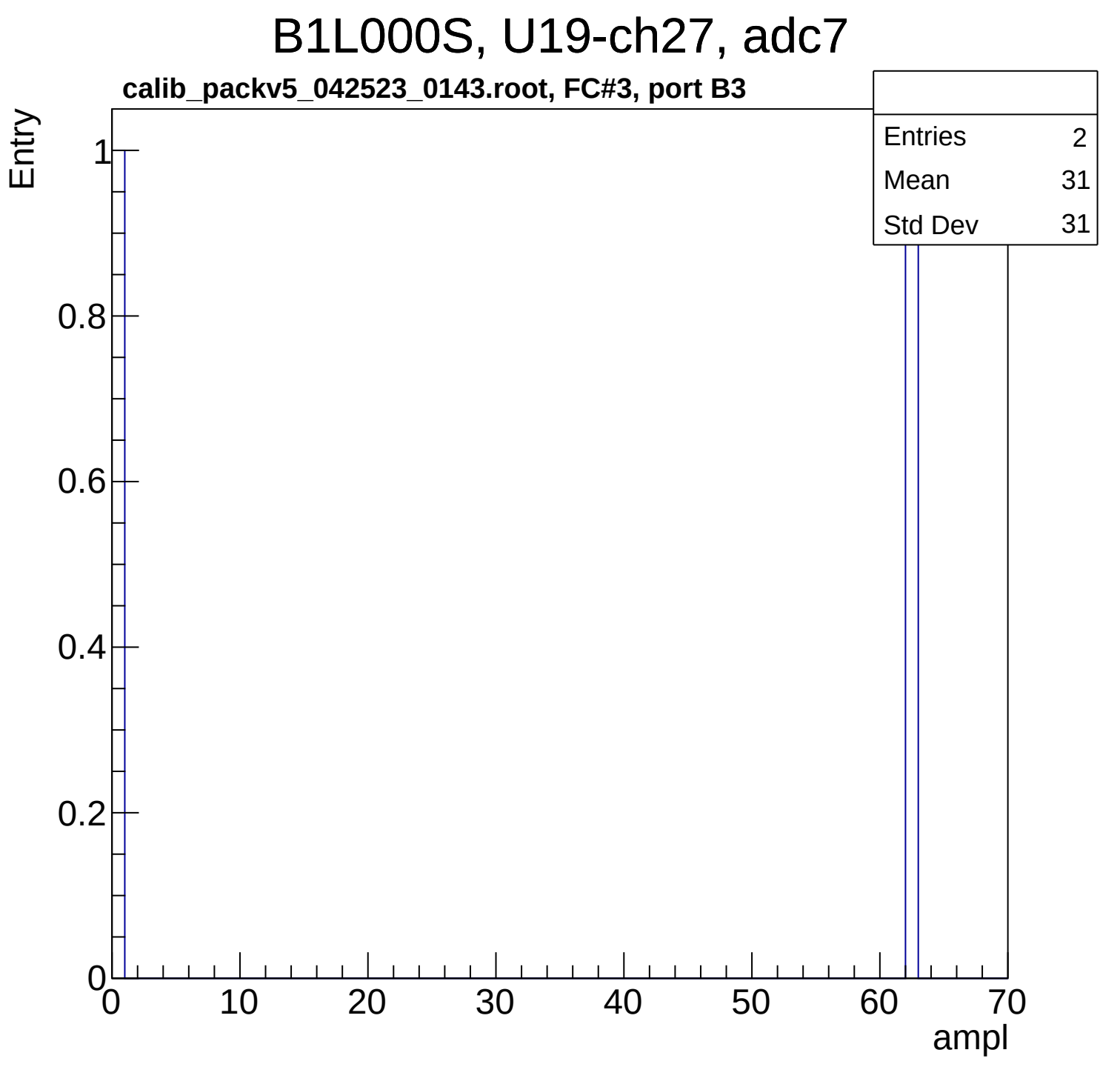
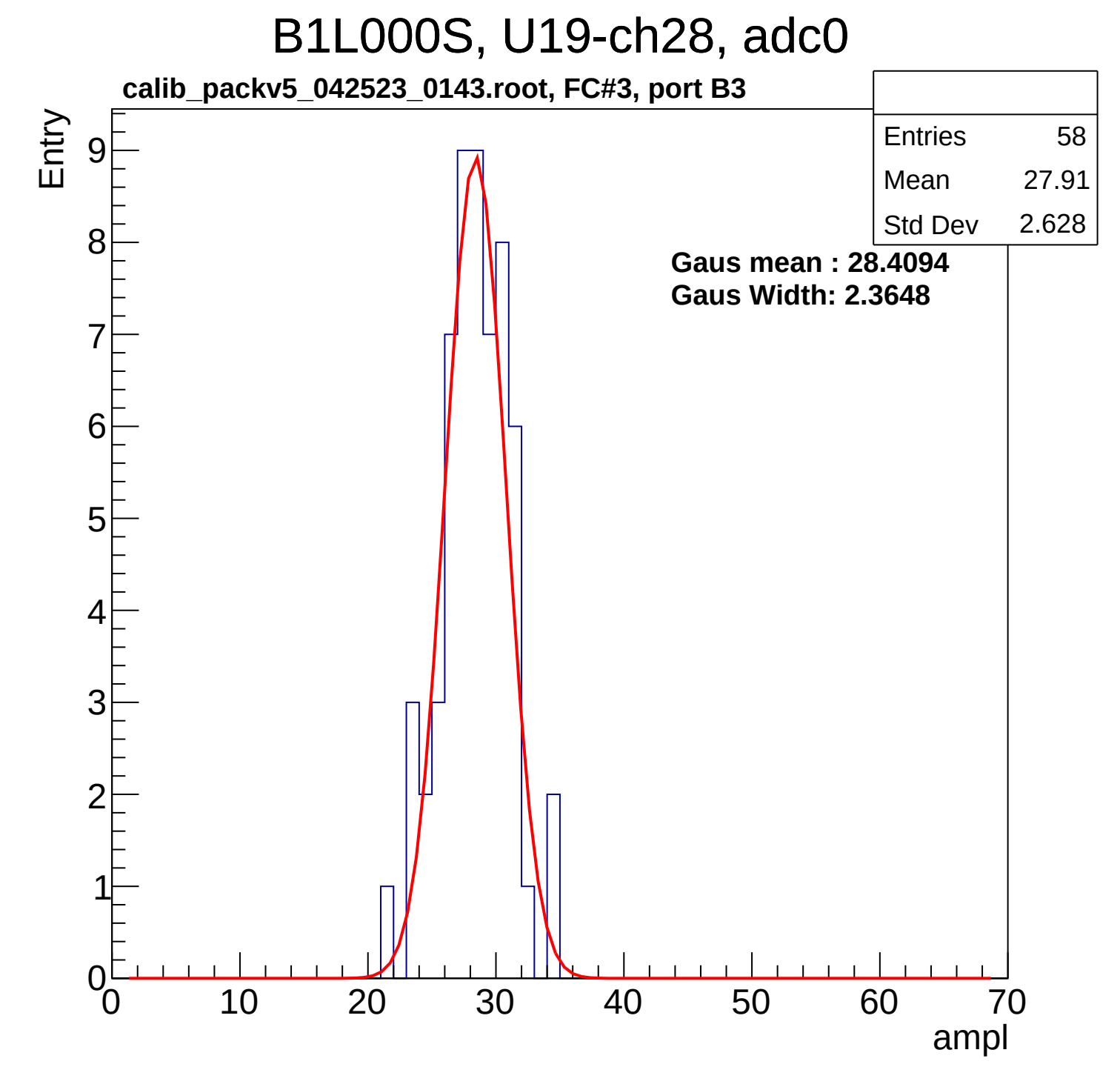

B1L000S, U19-ch27, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 31
Std Dev 31
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch28, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 27.91
Std Dev 2.628
Gaus mean : 28.4094
Gaus Width: 2.3648
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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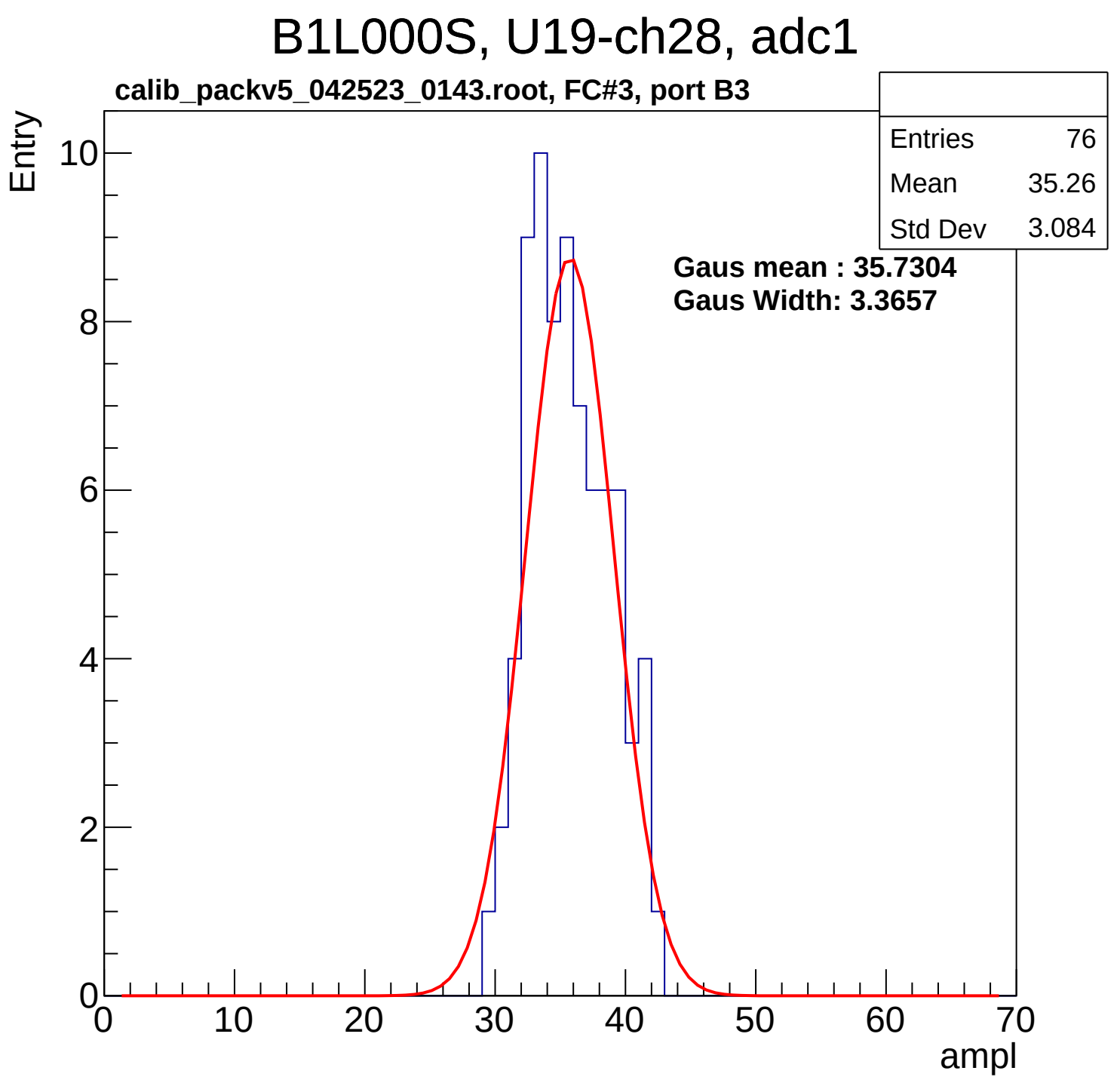
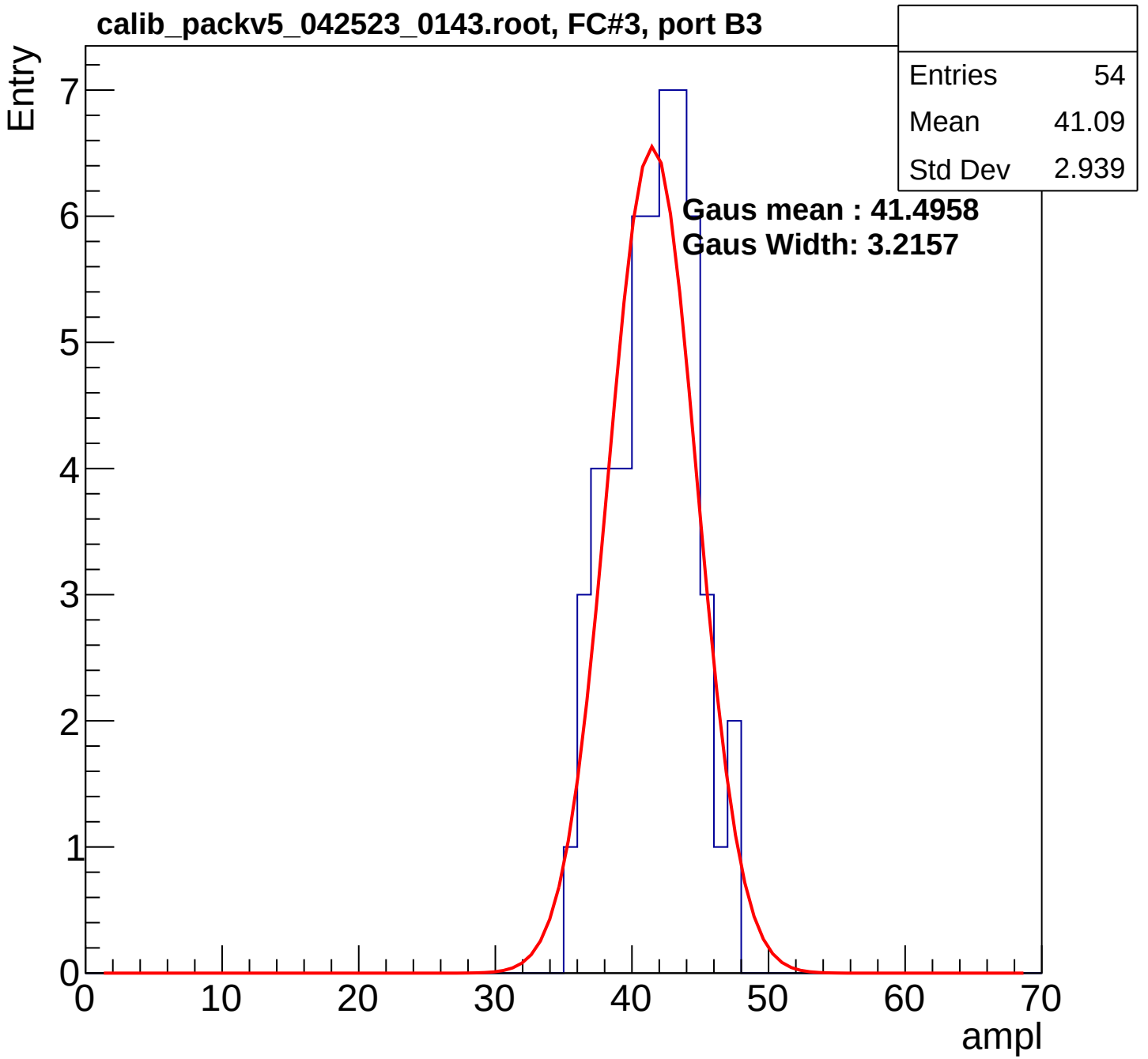

B1L000S, U19-ch28, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 35.26
Std Dev 3.084
Gaus mean : 35.7304
Gaus Width: 3.3657
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch28, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 41.09
Std Dev 2.939
Gaus mean : 41.4958
Gaus Width: 3.2157
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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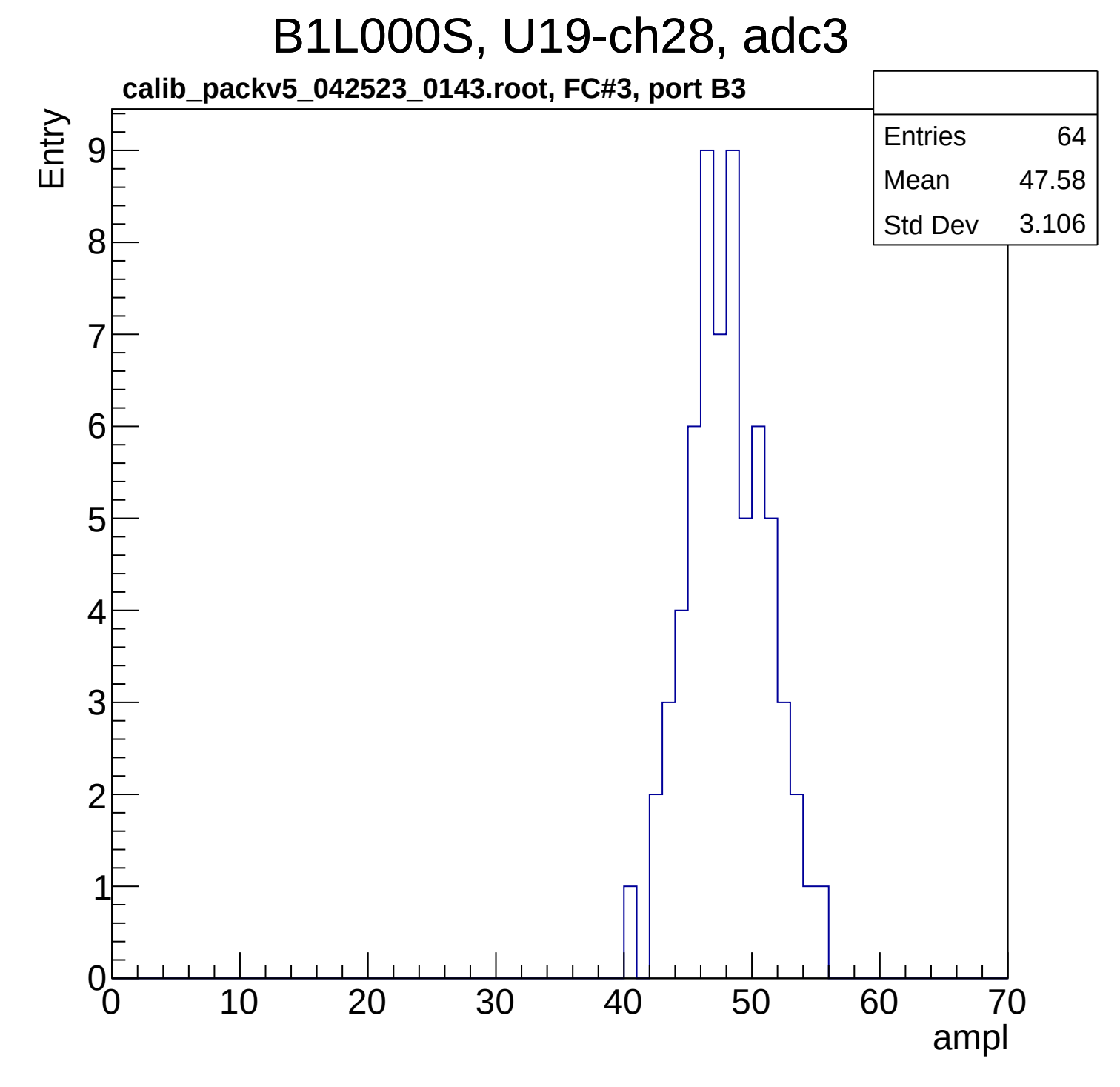
B1L000S, U19-ch28, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 47.58
Std Dev 3.106
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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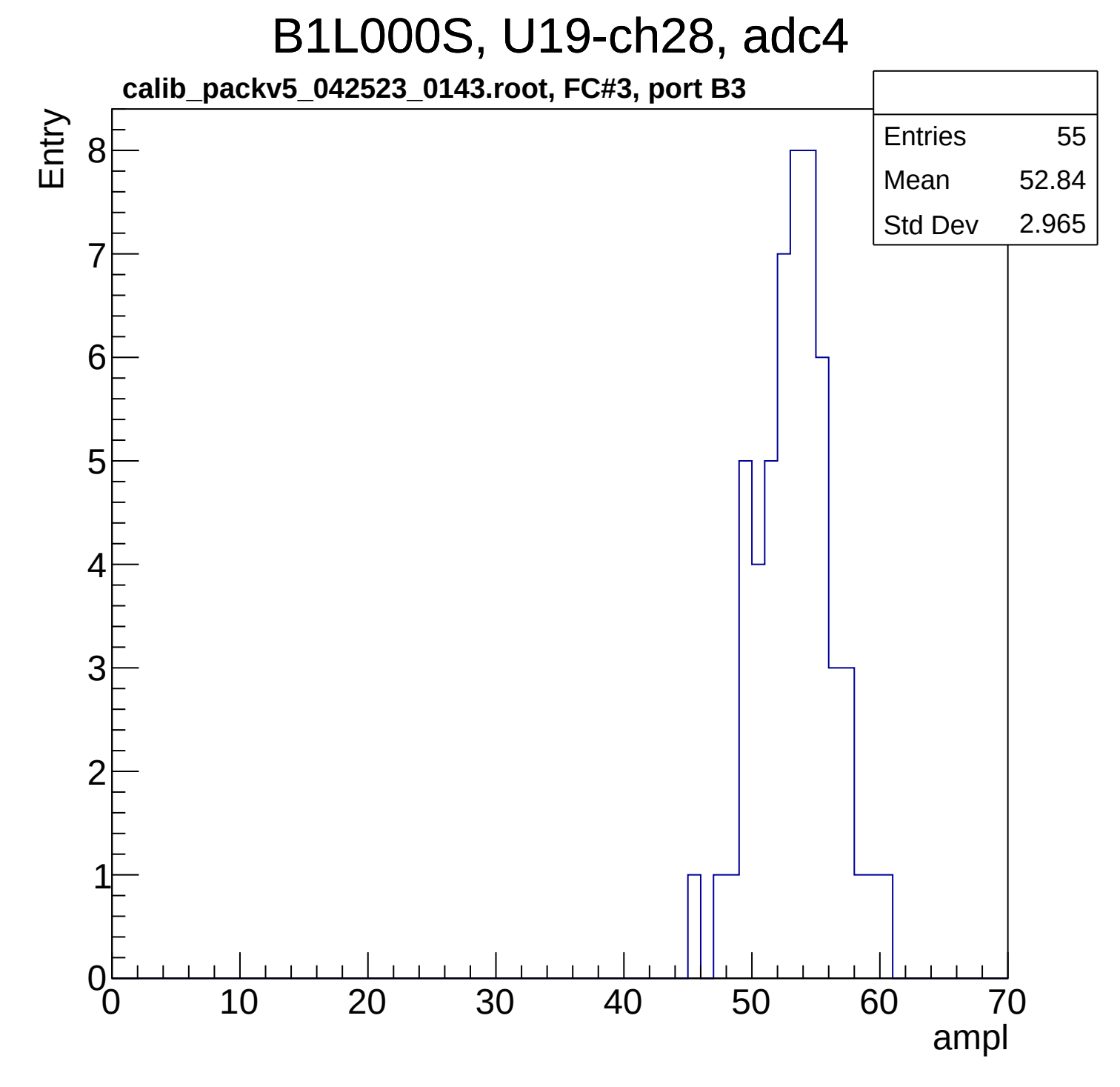
B1L000S, U19-ch28, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 52.84
Std Dev 2.965
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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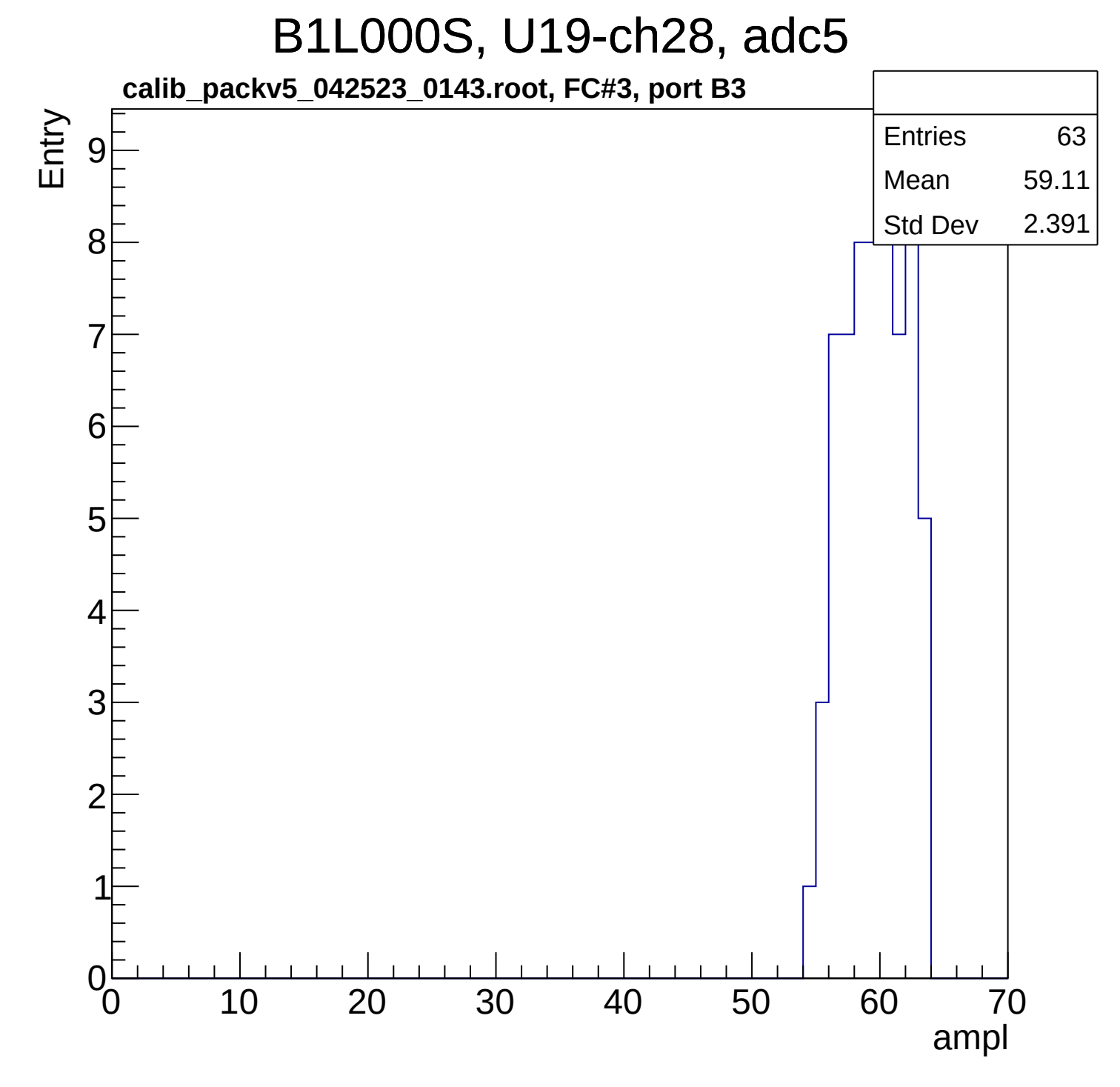
B1L000S, U19-ch28, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 59.11
Std Dev 2.391
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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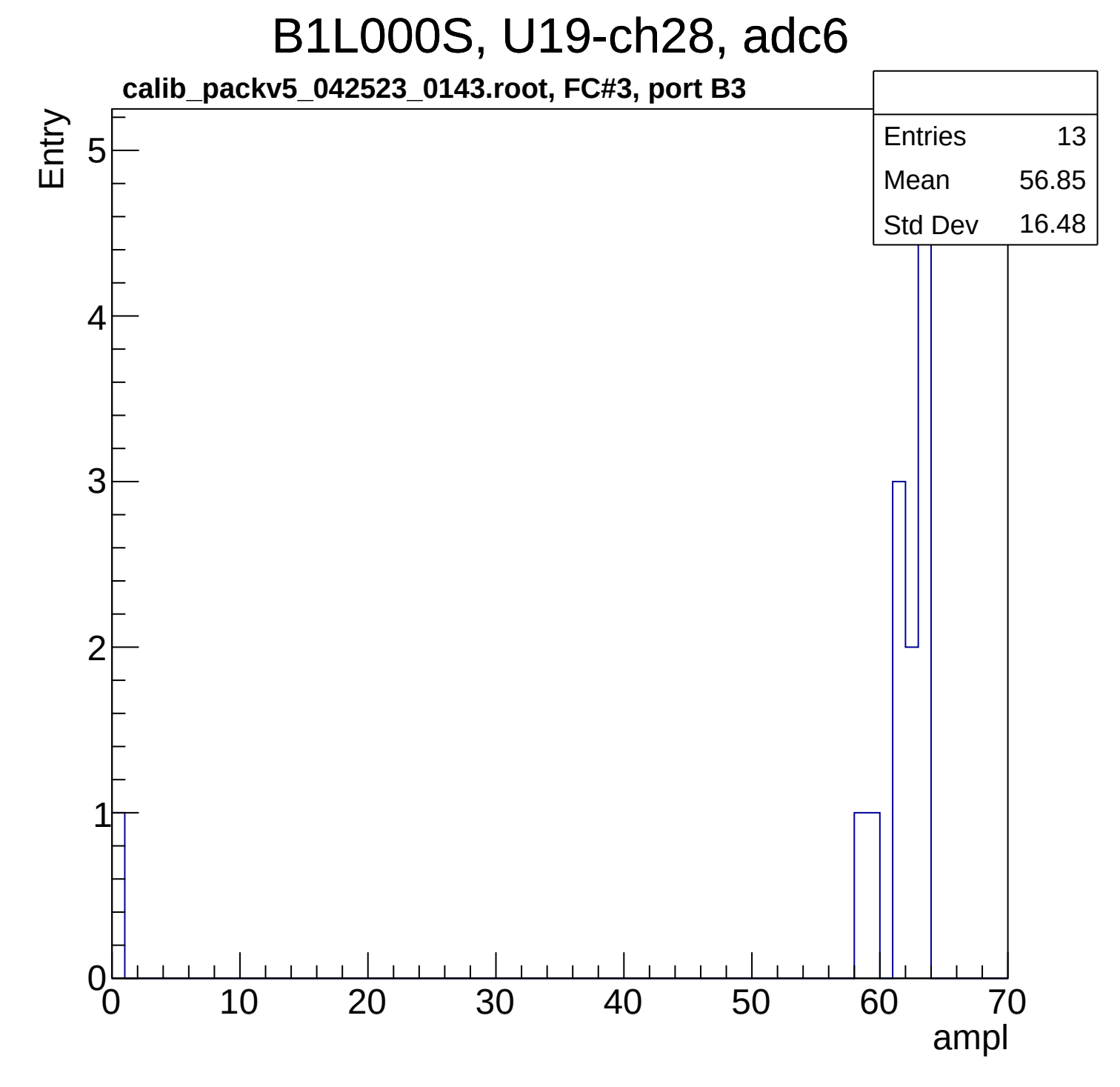
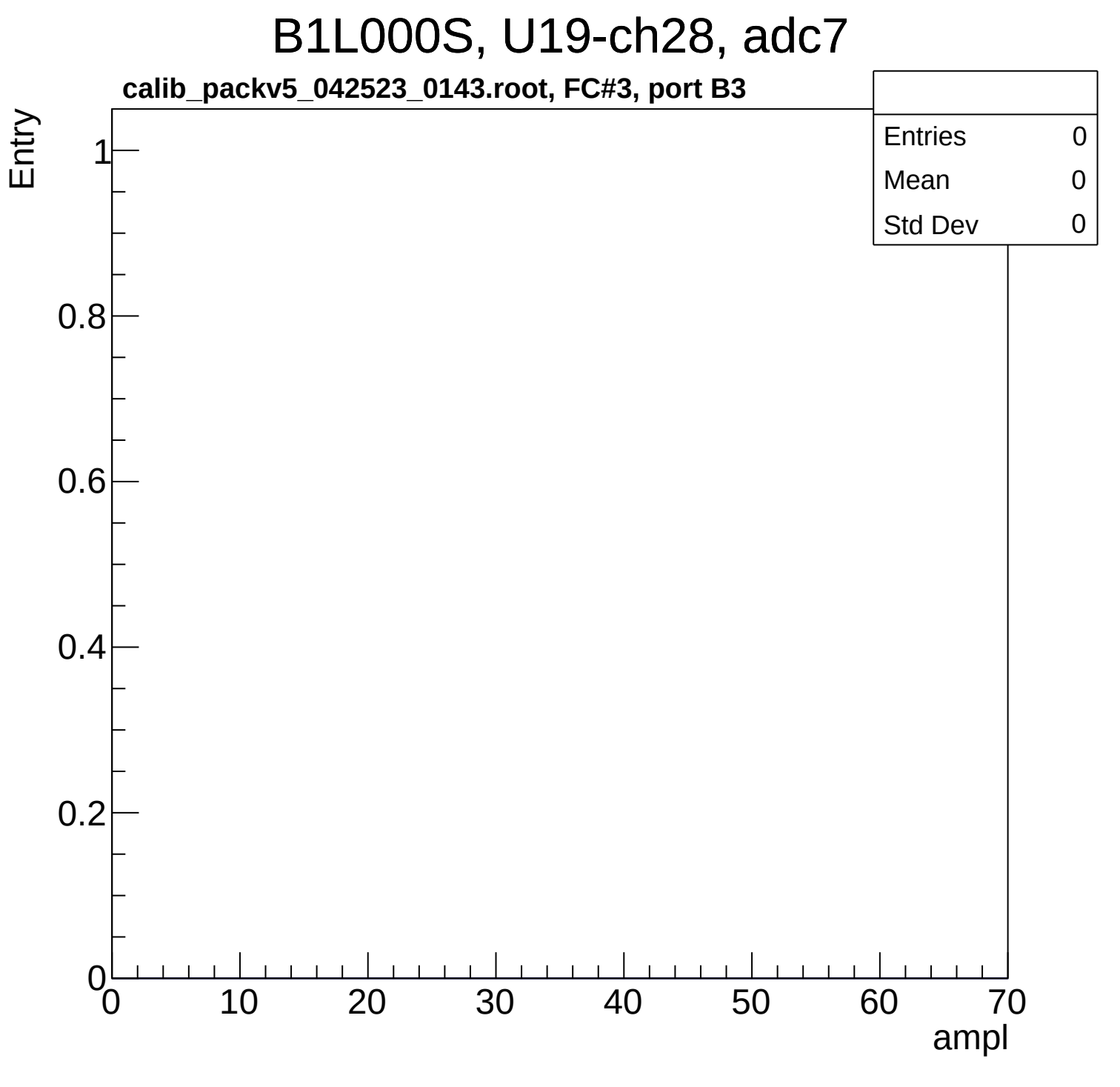
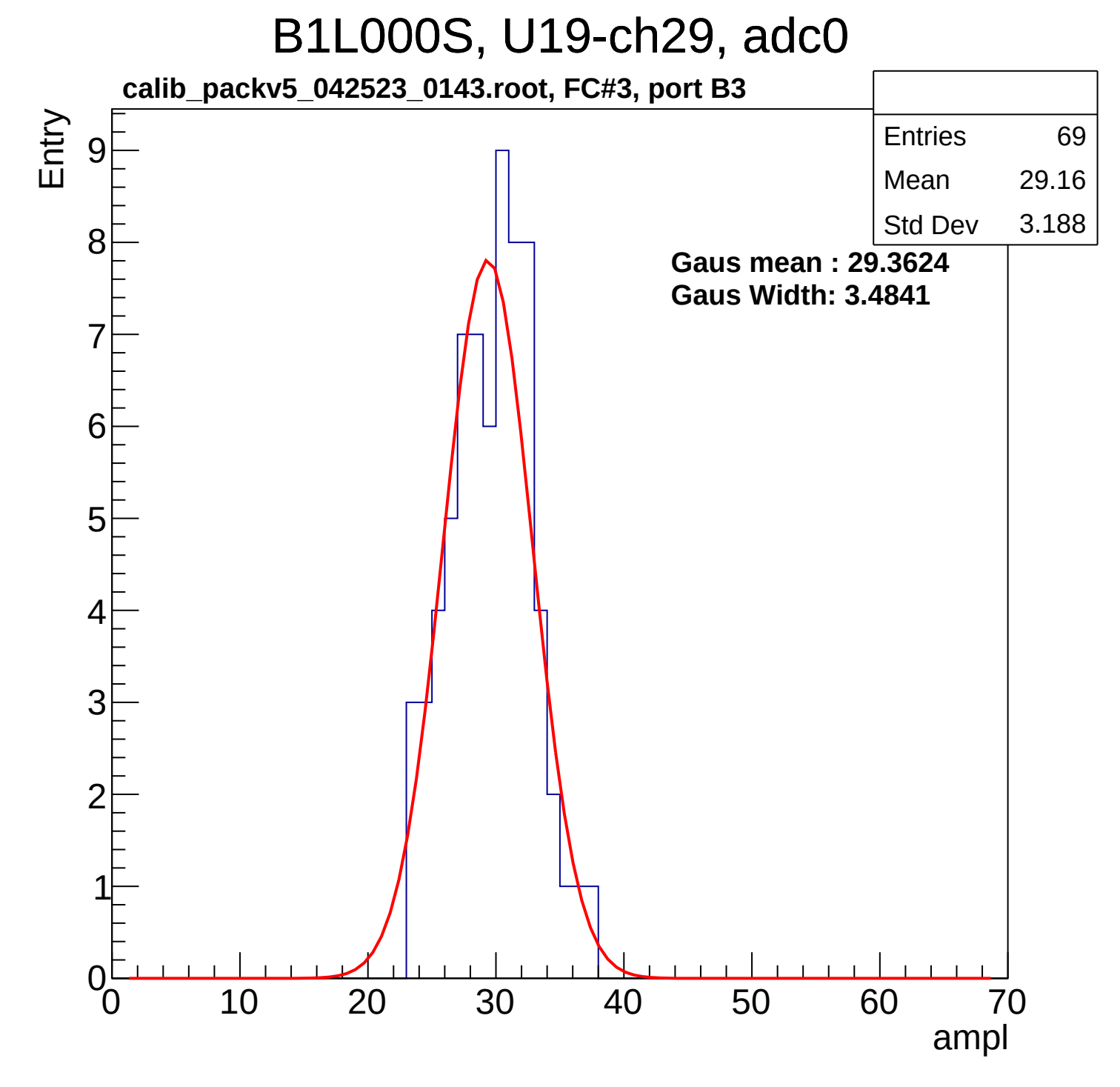
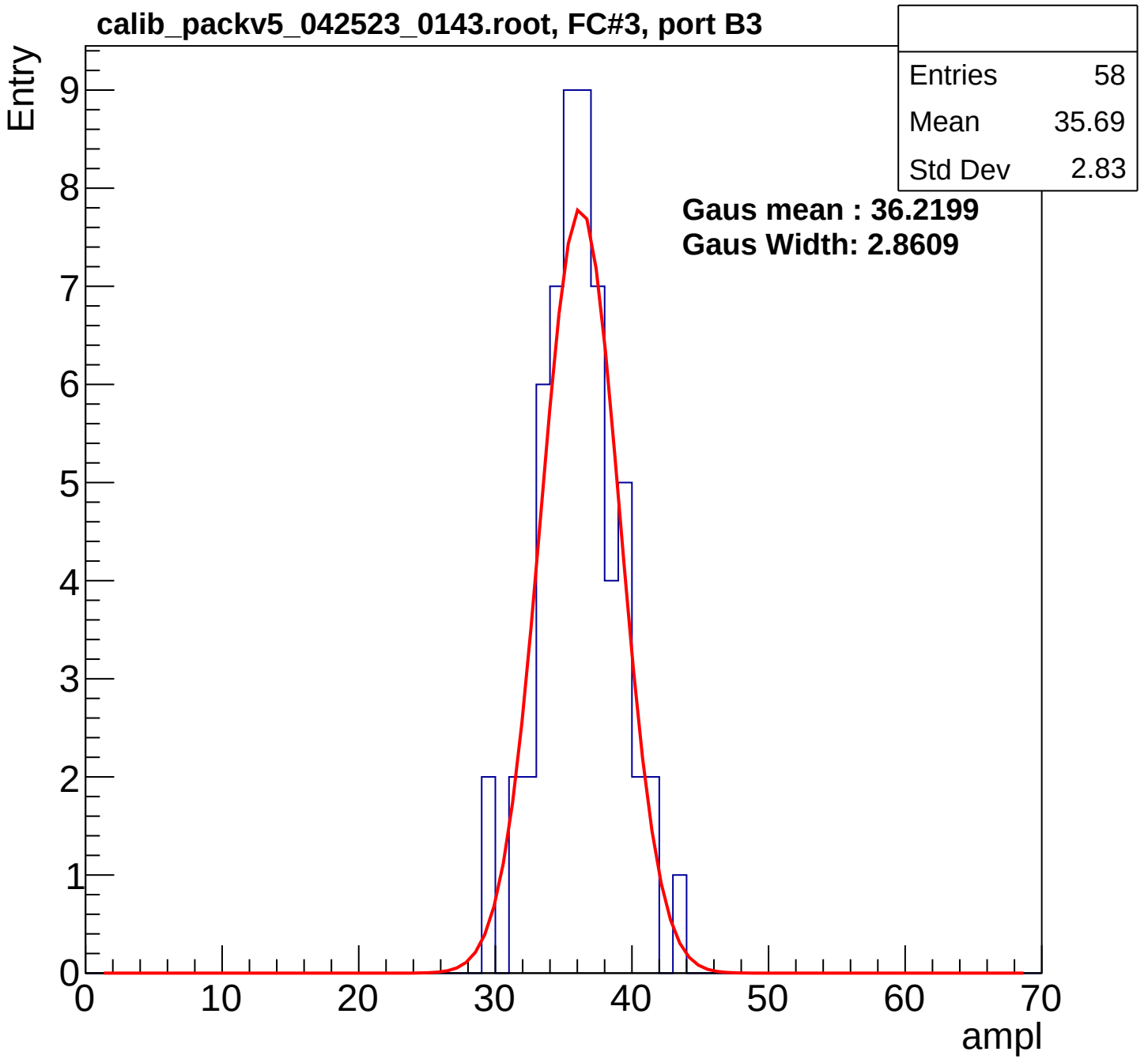

B1L000S, U19-ch28, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 56.85
Std Dev 16.48
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch28, 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, U19-ch29, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 29.16
Std Dev 3.188
Gaus mean : 29.3624
Gaus Width: 3.4841
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch29, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 35.69
Std Dev 2.83
Gaus mean : 36.2199
Gaus Width: 2.8609
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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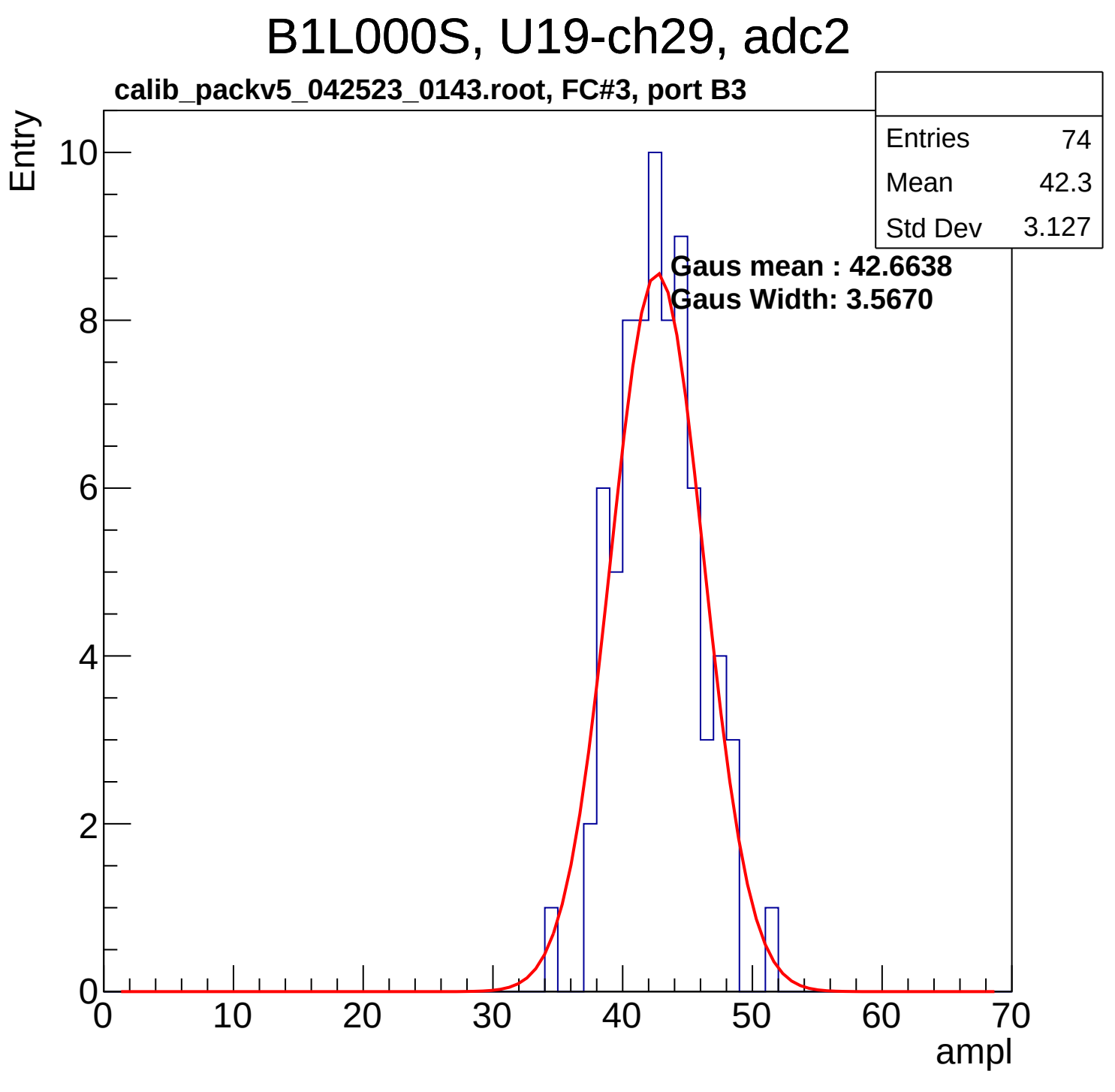
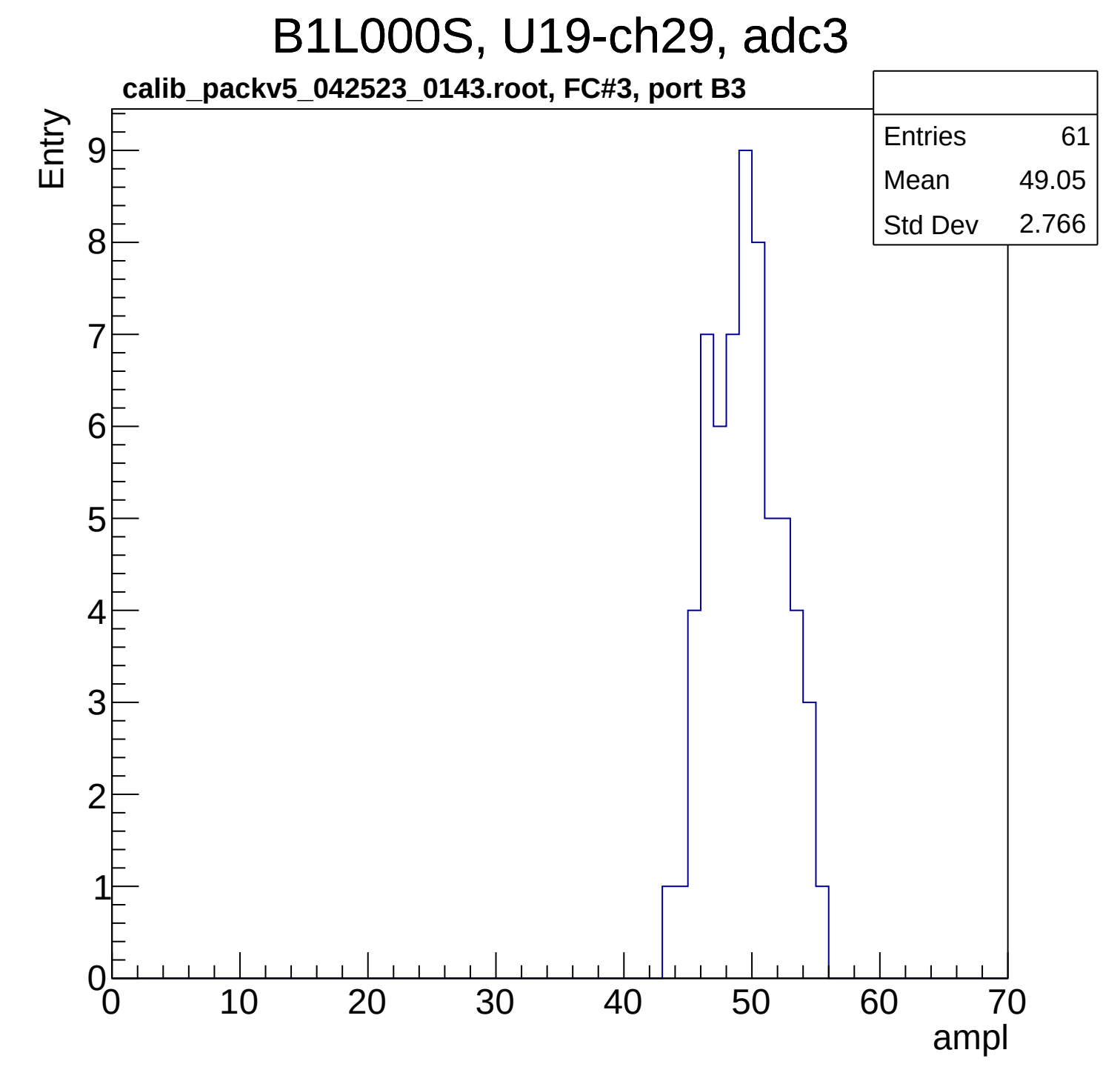
40
50
60
70


B1L000S, U19-ch29, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 42.3
Std Dev 3.127
Gaus mean : 42.6638
Gaus Width: 3.5670
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch29, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 49.05
Std Dev 2.766
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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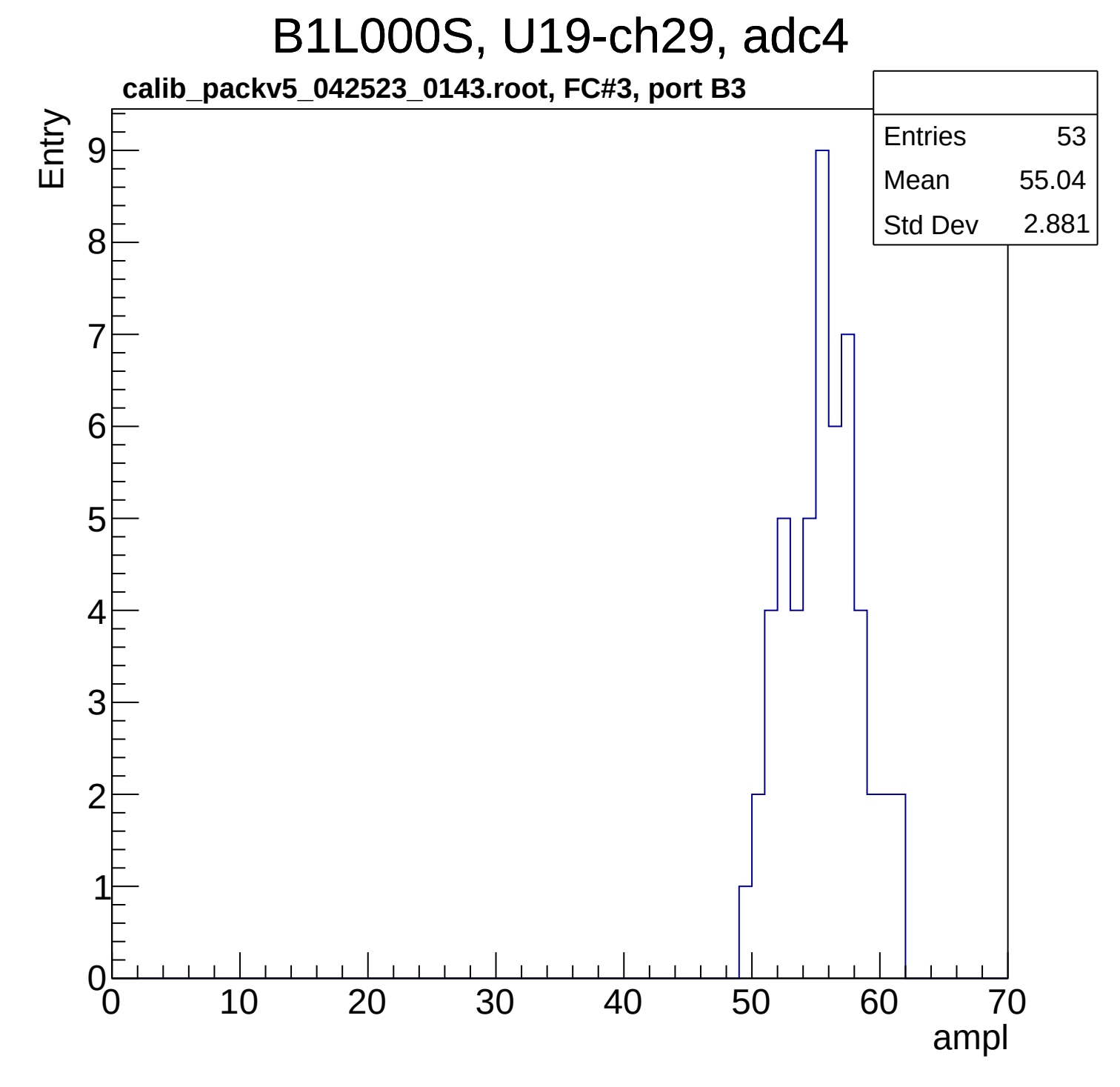
B1L000S, U19-ch29, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 55.04
Std Dev 2.881
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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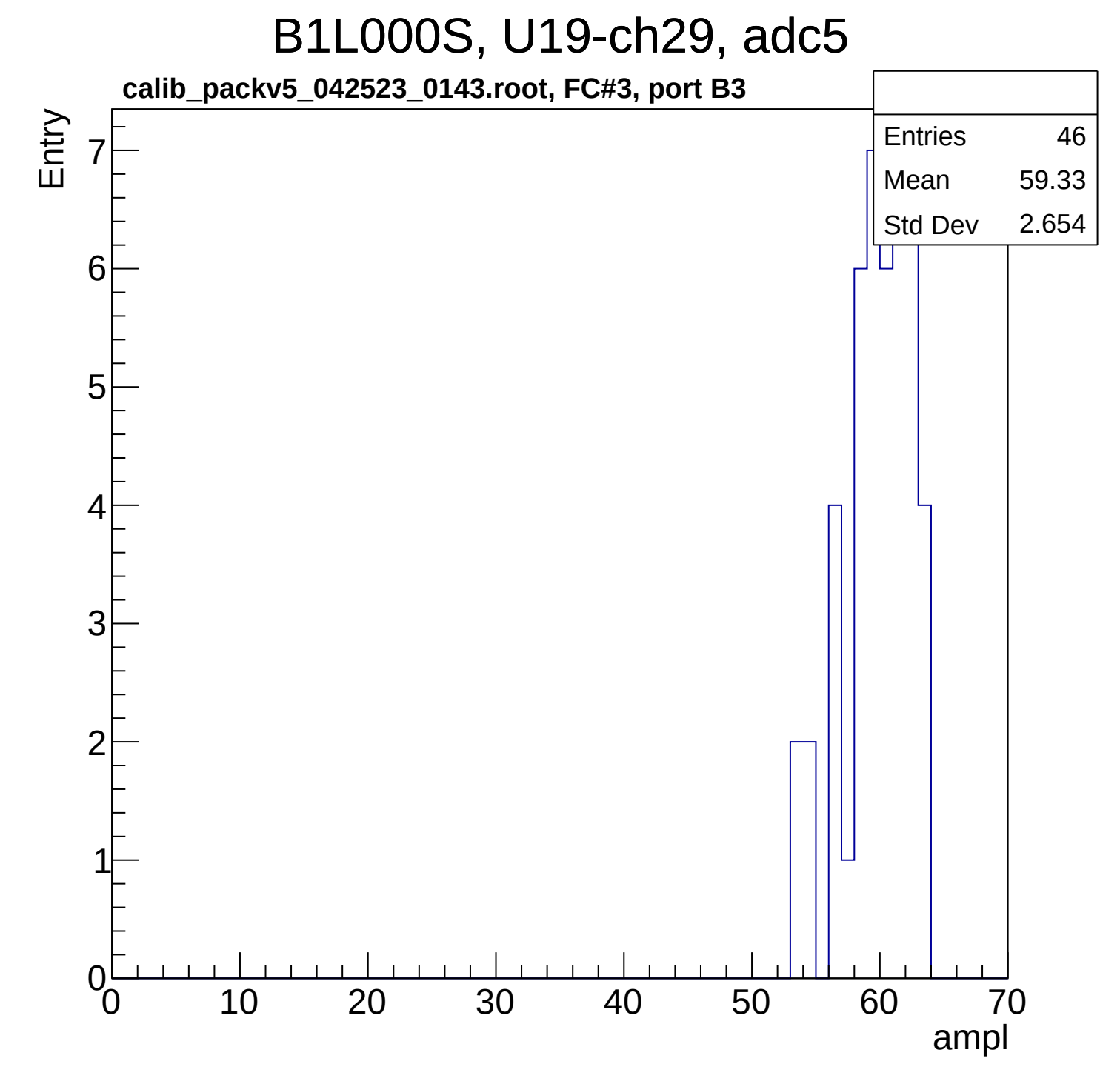
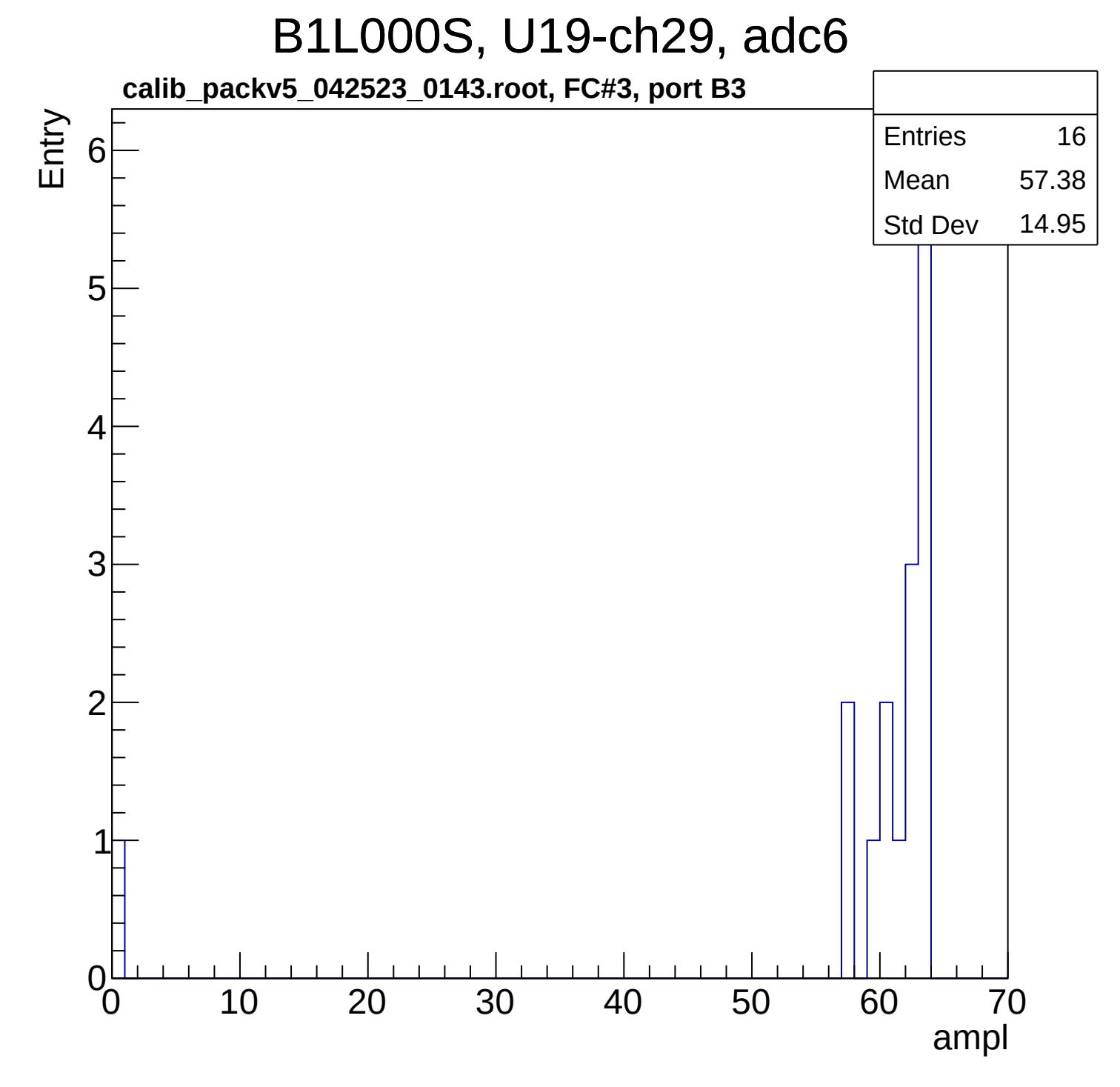
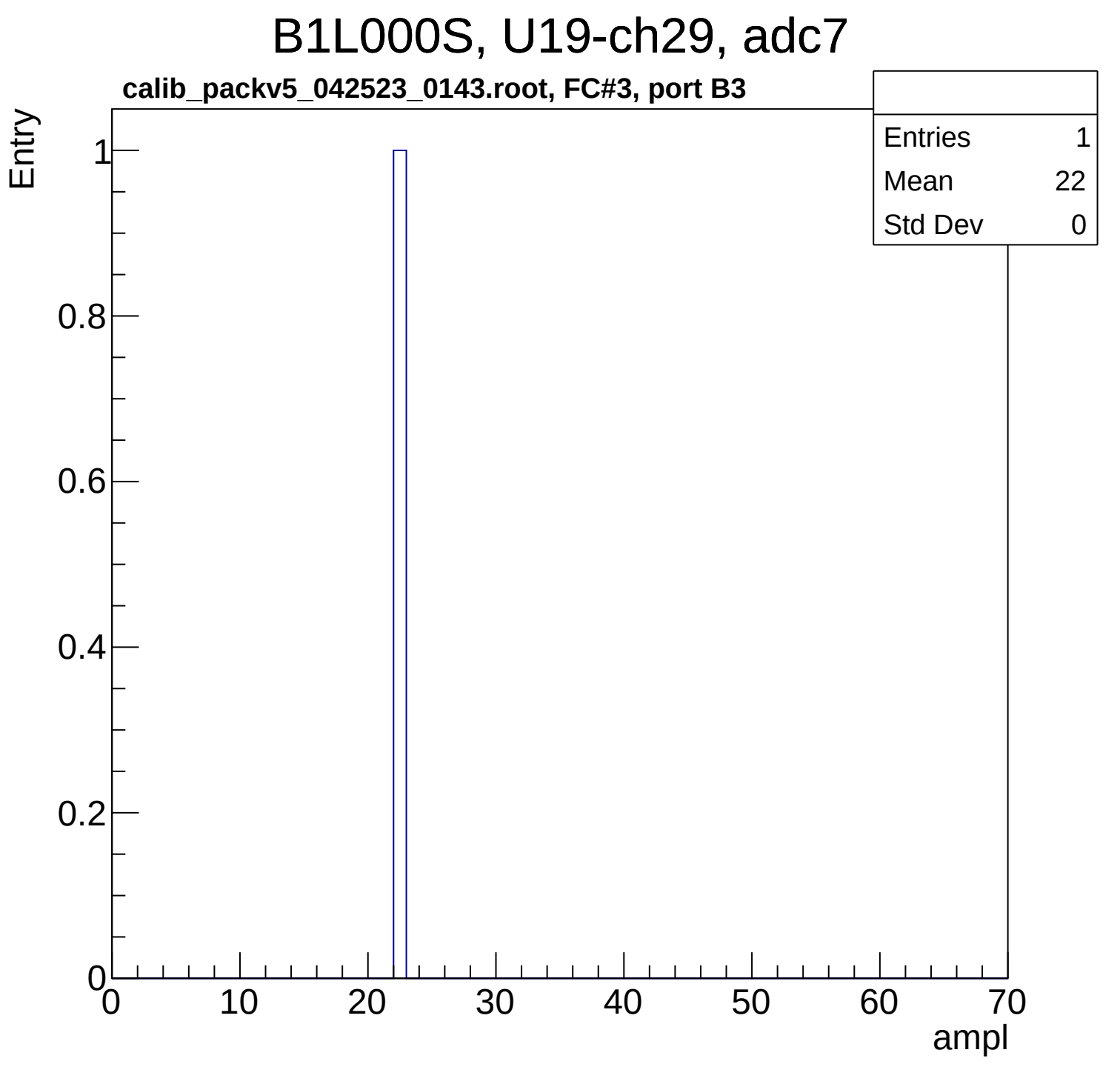

B1L000S, U19-ch29, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 59.33
Std Dev 2.654
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U19-ch29, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 57.38
Std Dev 14.95
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch29, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 22
Std Dev 0
Entry
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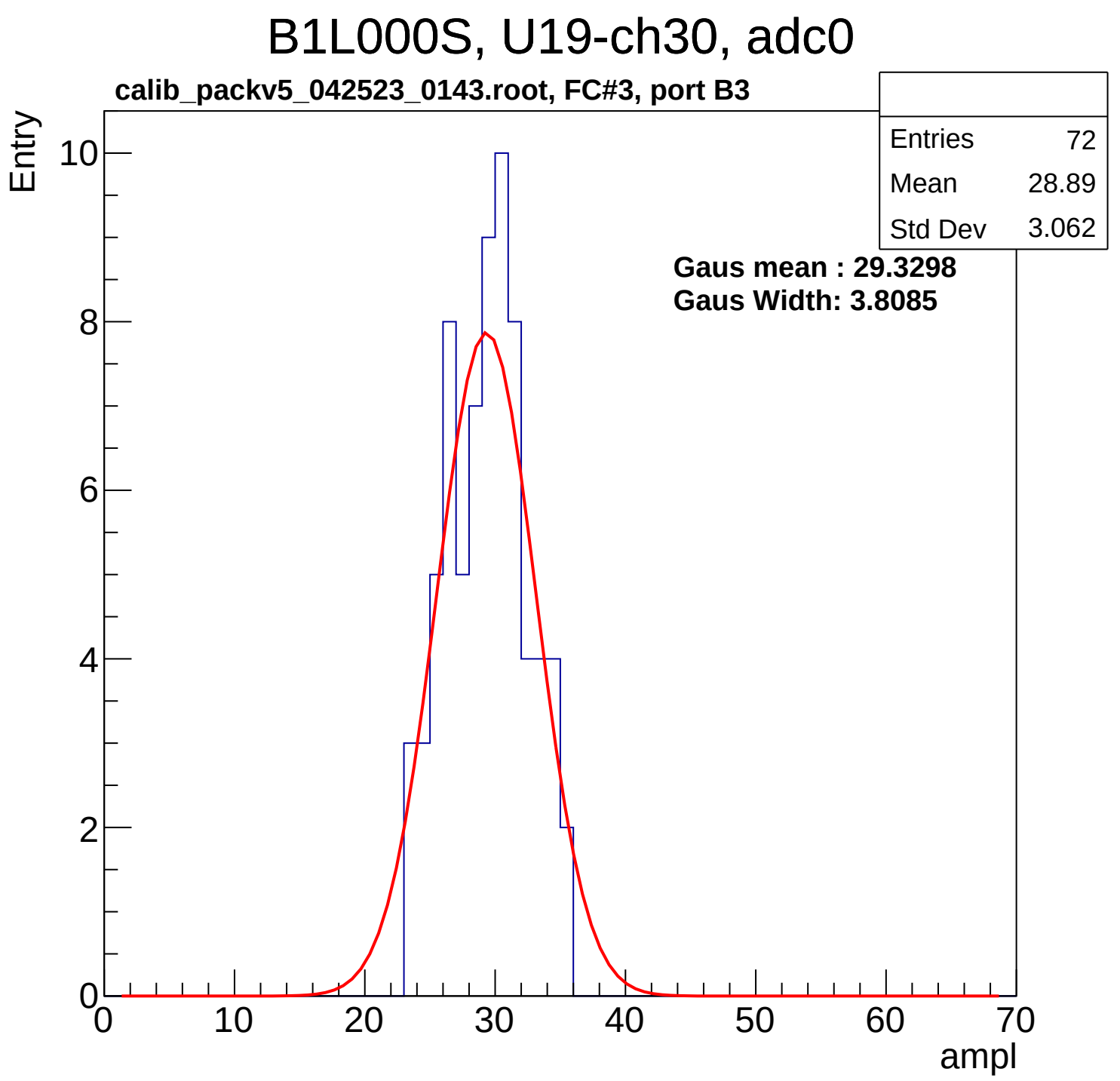
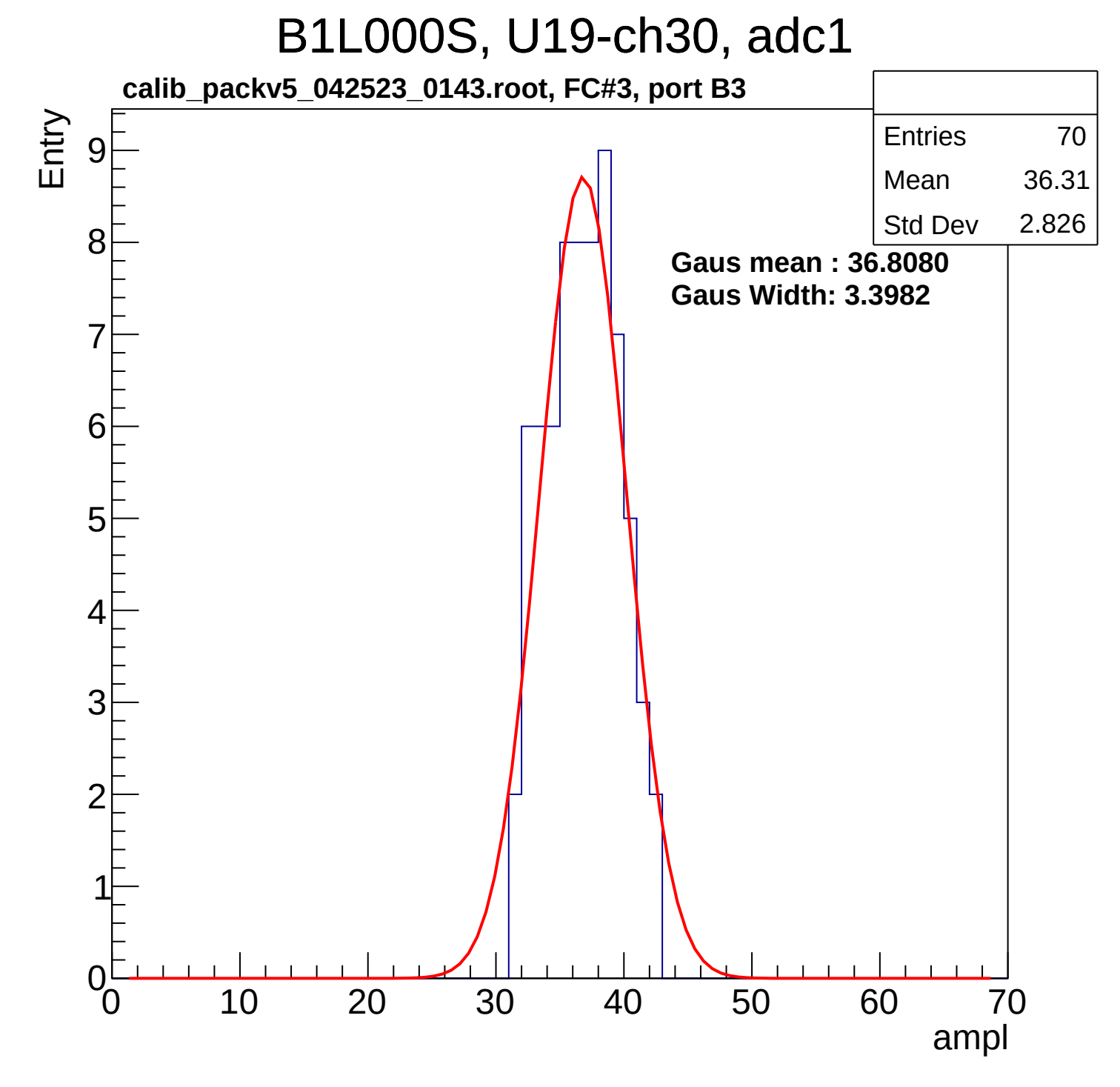
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch30, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 28.89
Std Dev 3.062
Gaus mean : 29.3298
Gaus Width: 3.8085
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch30, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 36.31
Std Dev 2.826
Gaus mean : 36.8080
Gaus Width: 3.3982
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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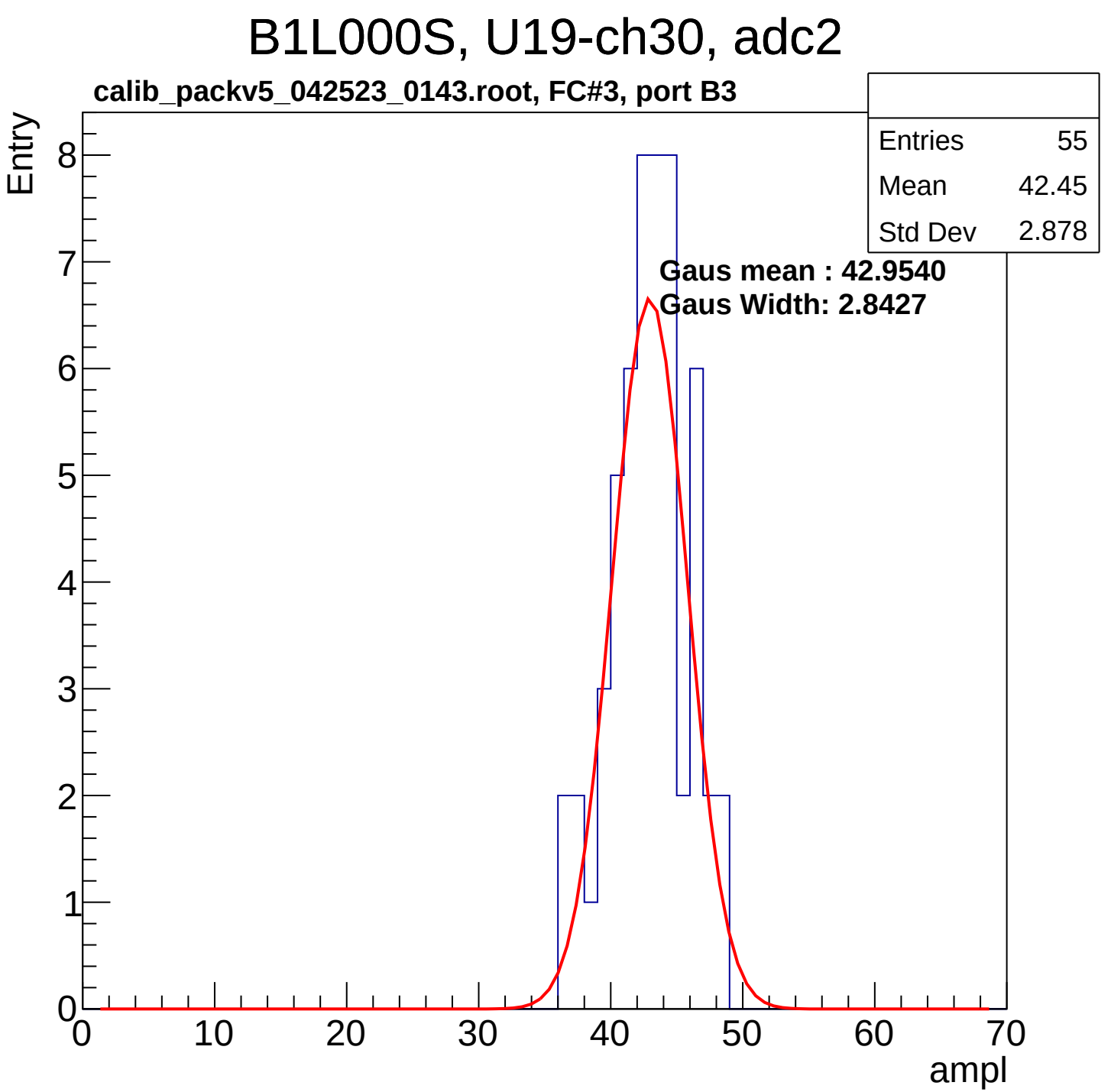
B1L000S, U19-ch30, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 42.45
Std Dev 2.878
Gaus mean : 42.9540
Gaus Width: 2.8427
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
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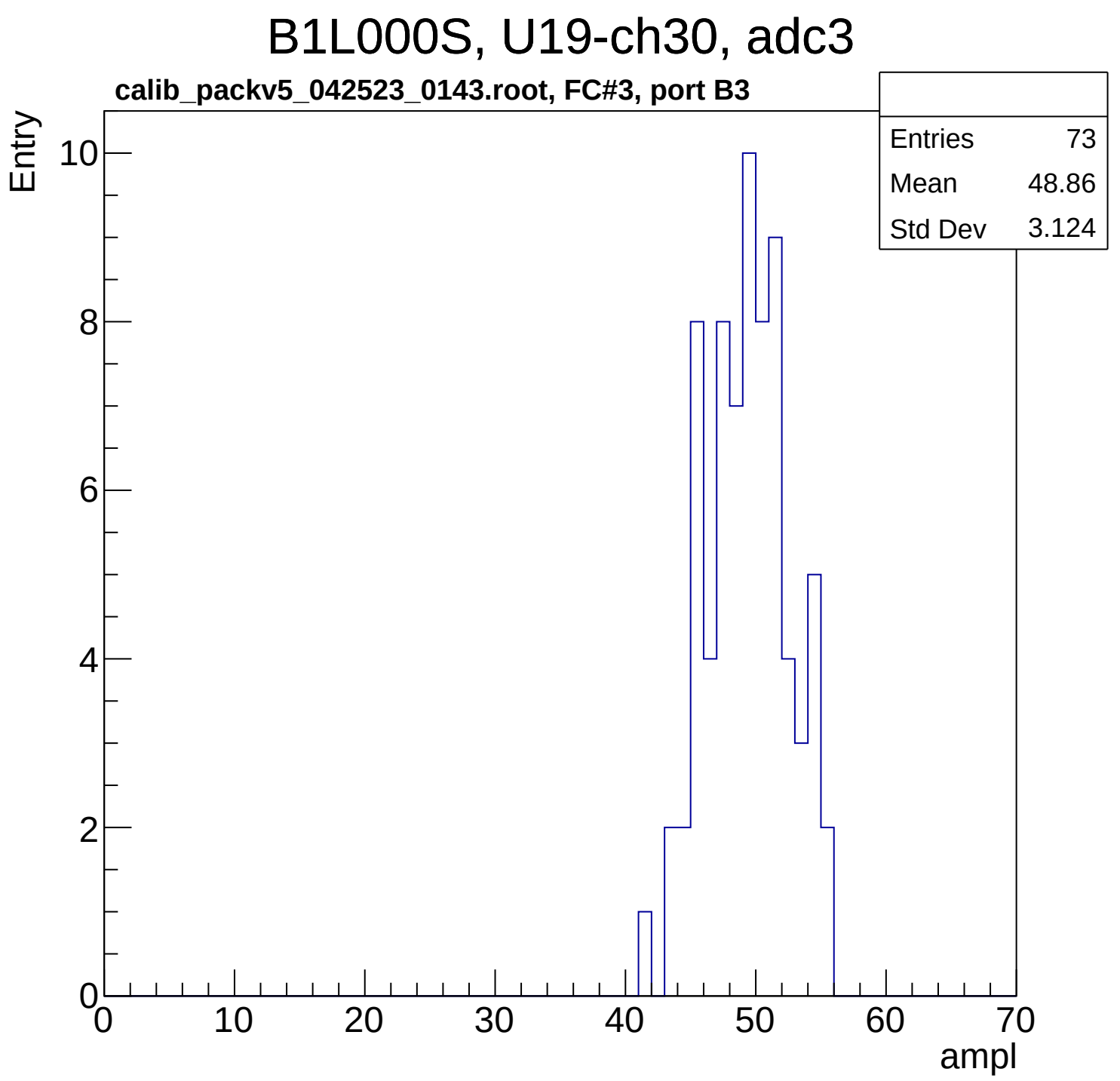
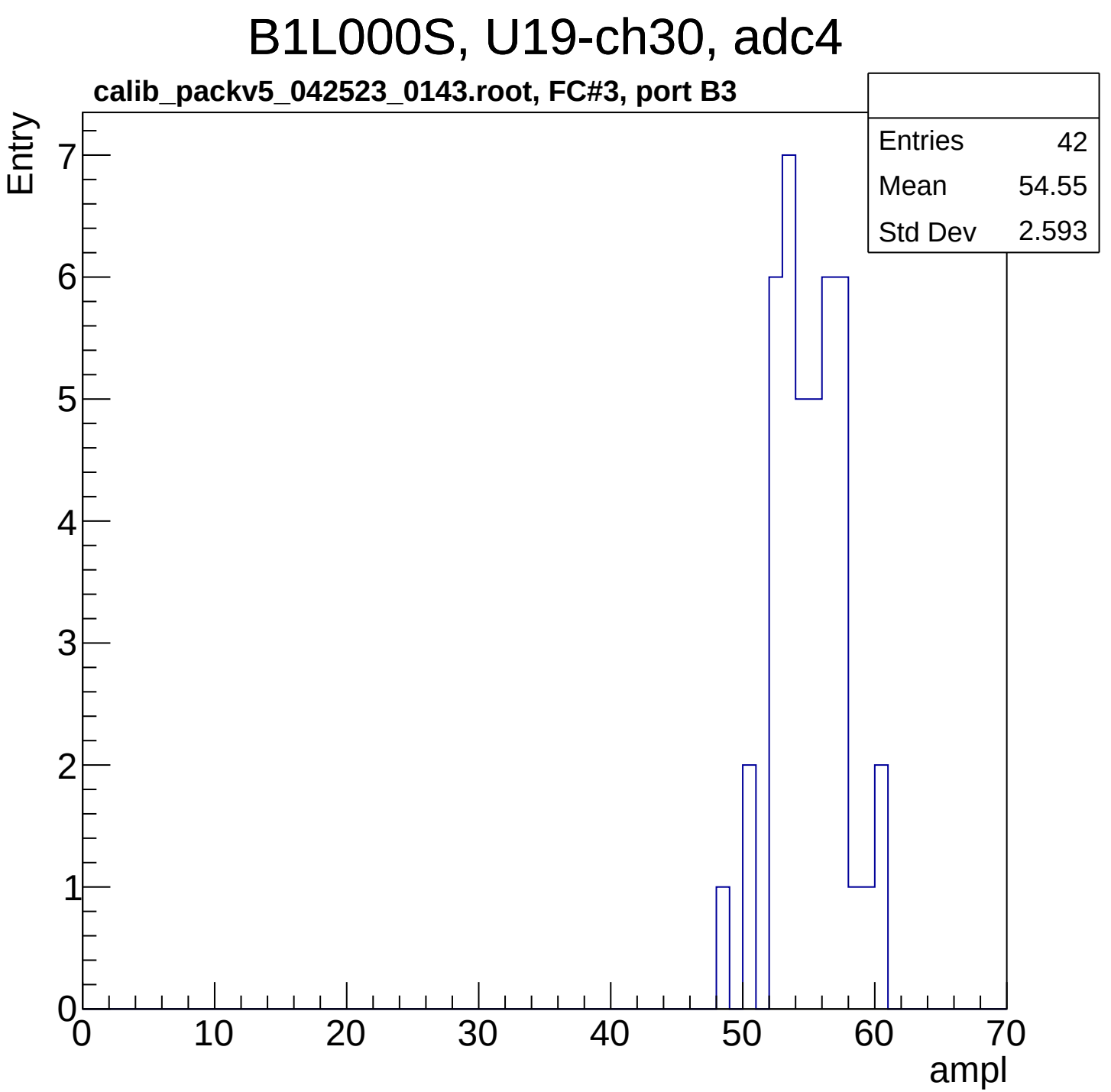
60
70


B1L000S, U19-ch30, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 48.86
Std Dev 3.124
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch30, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 54.55
Std Dev 2.593
Entry
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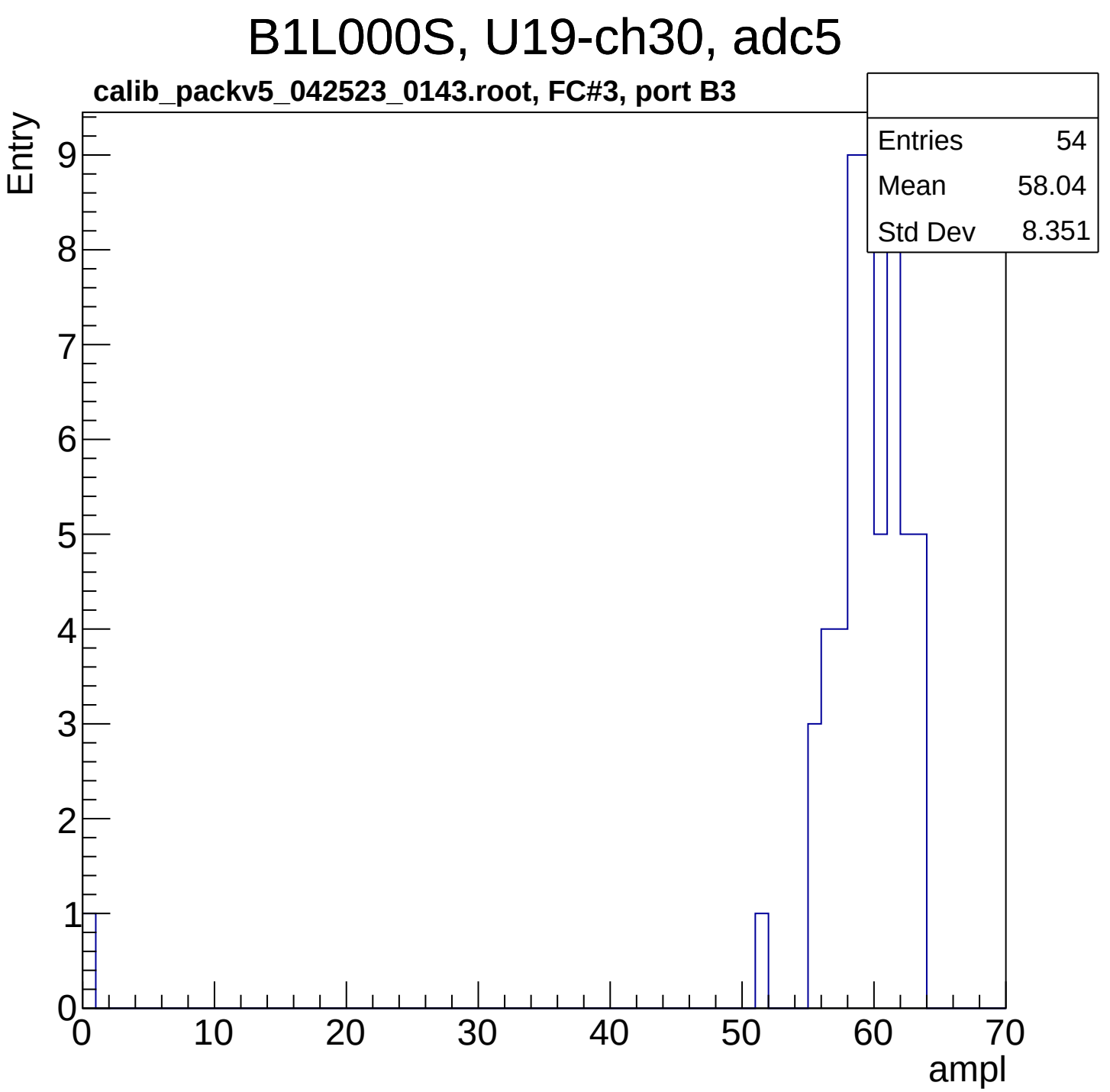
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch30, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 58.04
Std Dev 8.351
Entry
ampl
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2
3
4
5
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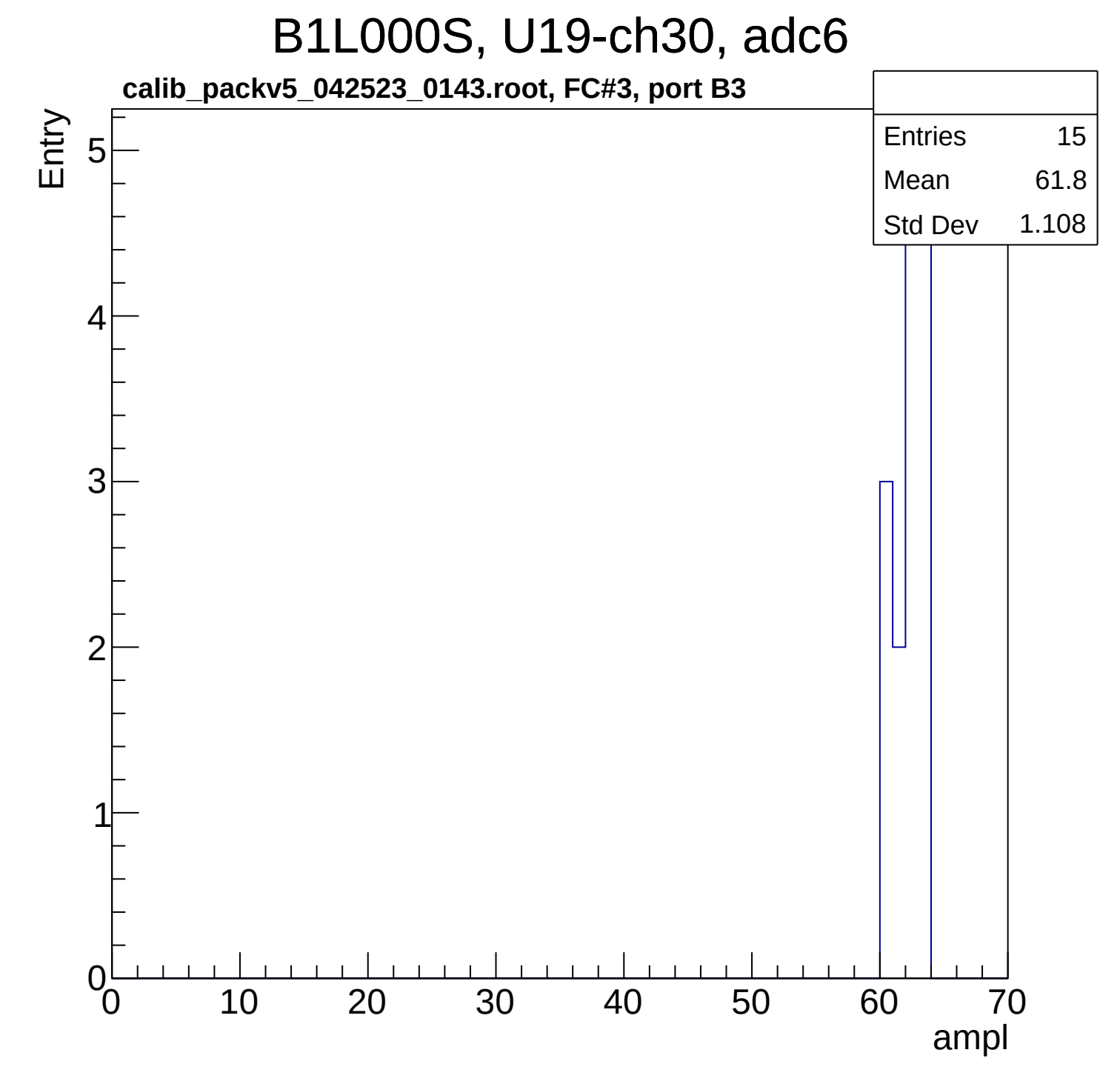
B1L000S, U19-ch30, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 61.8
Std Dev 1.108
Entry
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1
2
3
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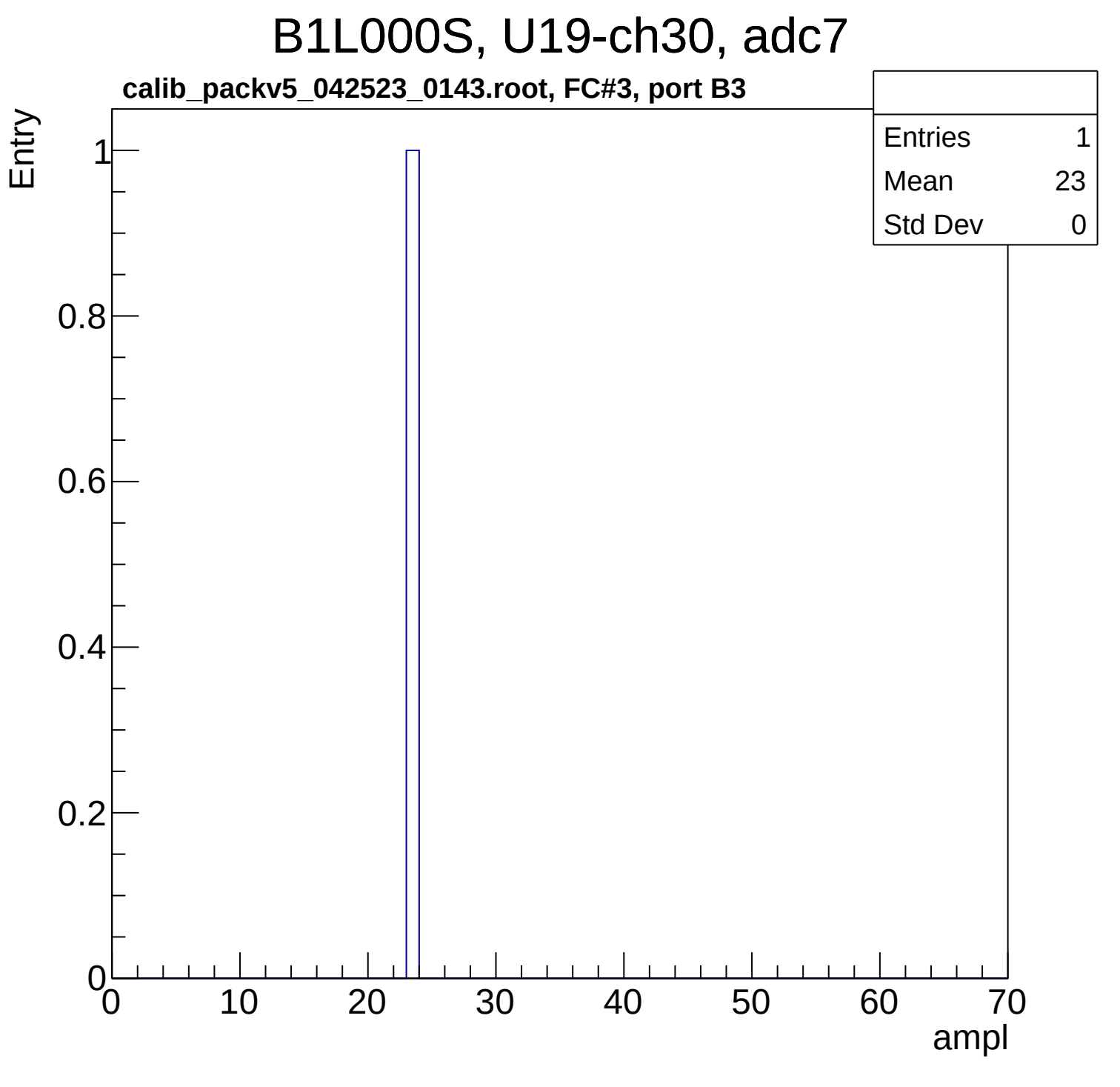
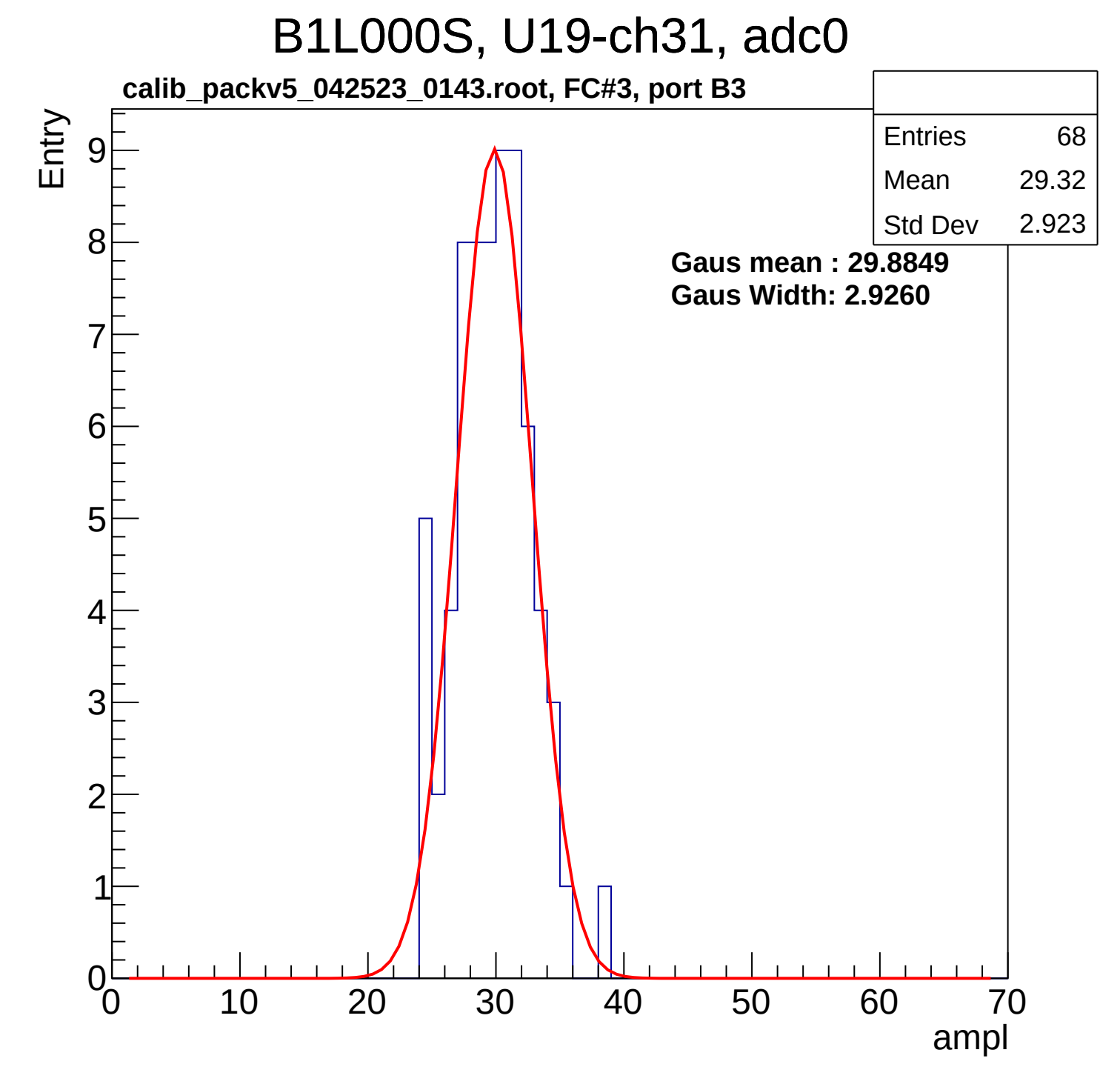
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch30, 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, U19-ch31, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 29.32
Std Dev 2.923
Gaus mean : 29.8849
Gaus Width: 2.9260
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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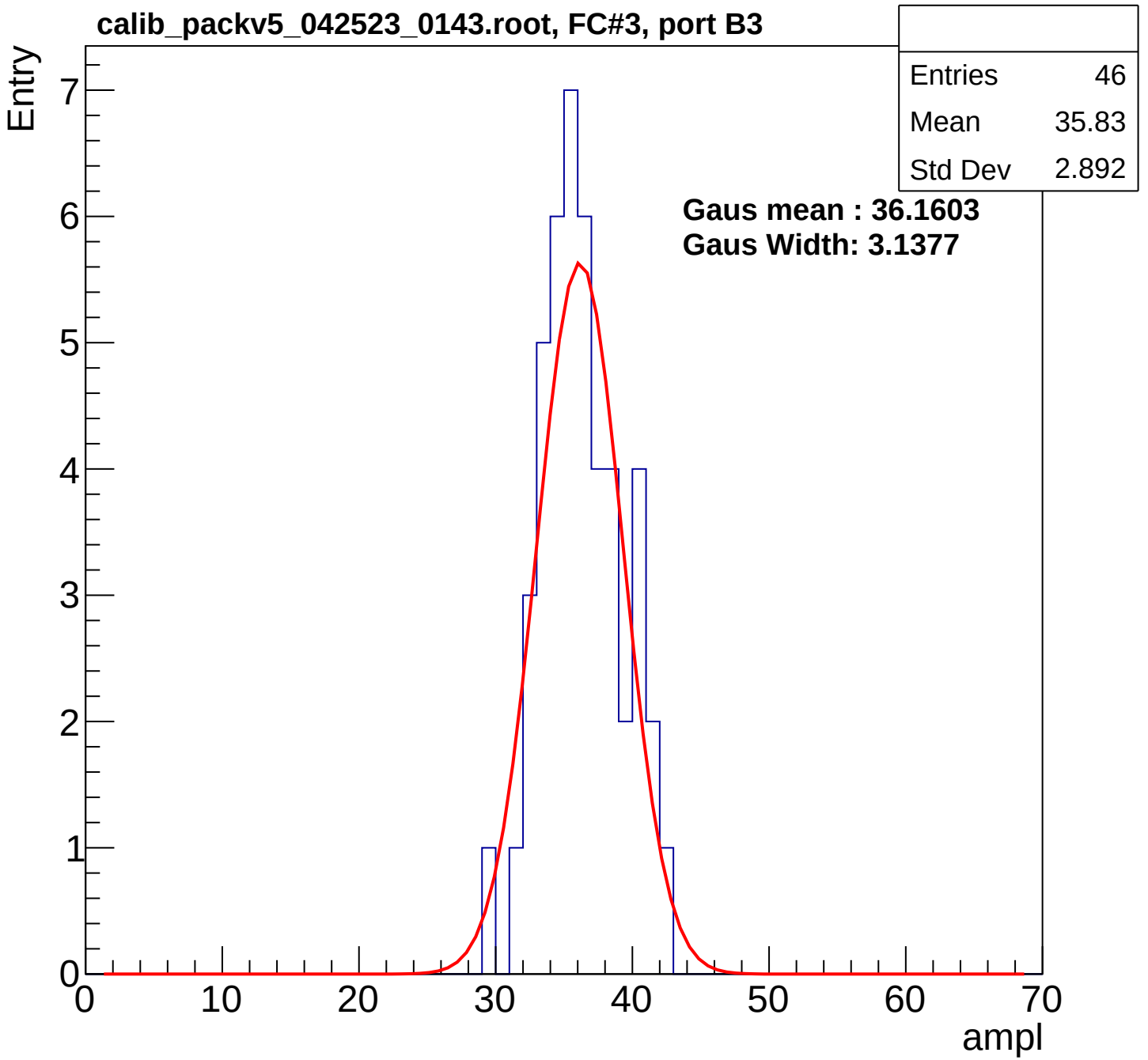
B1L000S, U19-ch31, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 35.83
Std Dev 2.892
Gaus mean : 36.1603
Gaus Width: 3.1377
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
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60
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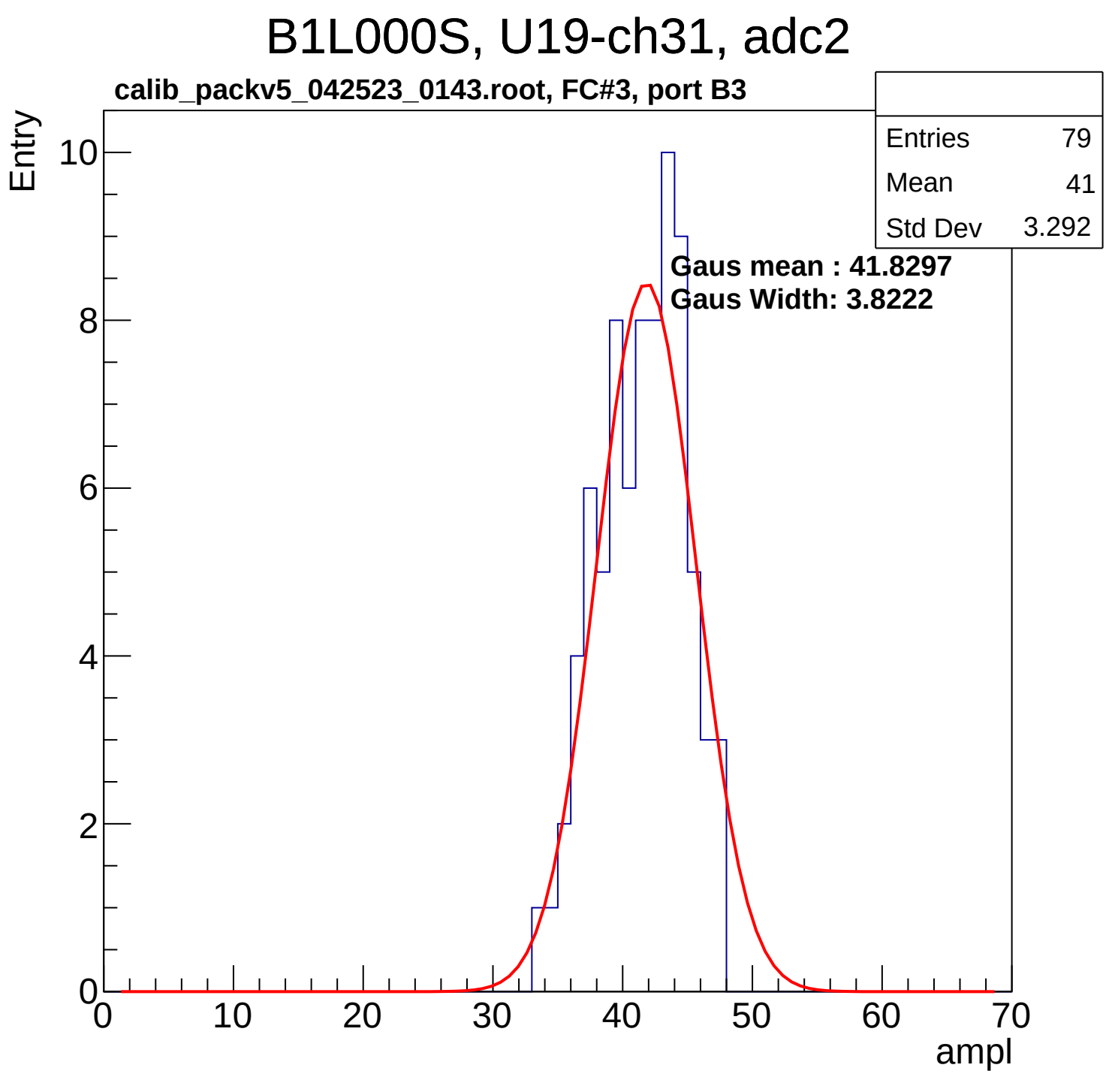
B1L000S, U19-ch31, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 41
Std Dev 3.292
Gaus mean : 41.8297
Gaus Width: 3.8222
Entry
ampl
0
2
4
6
8
10
0
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20
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40
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60
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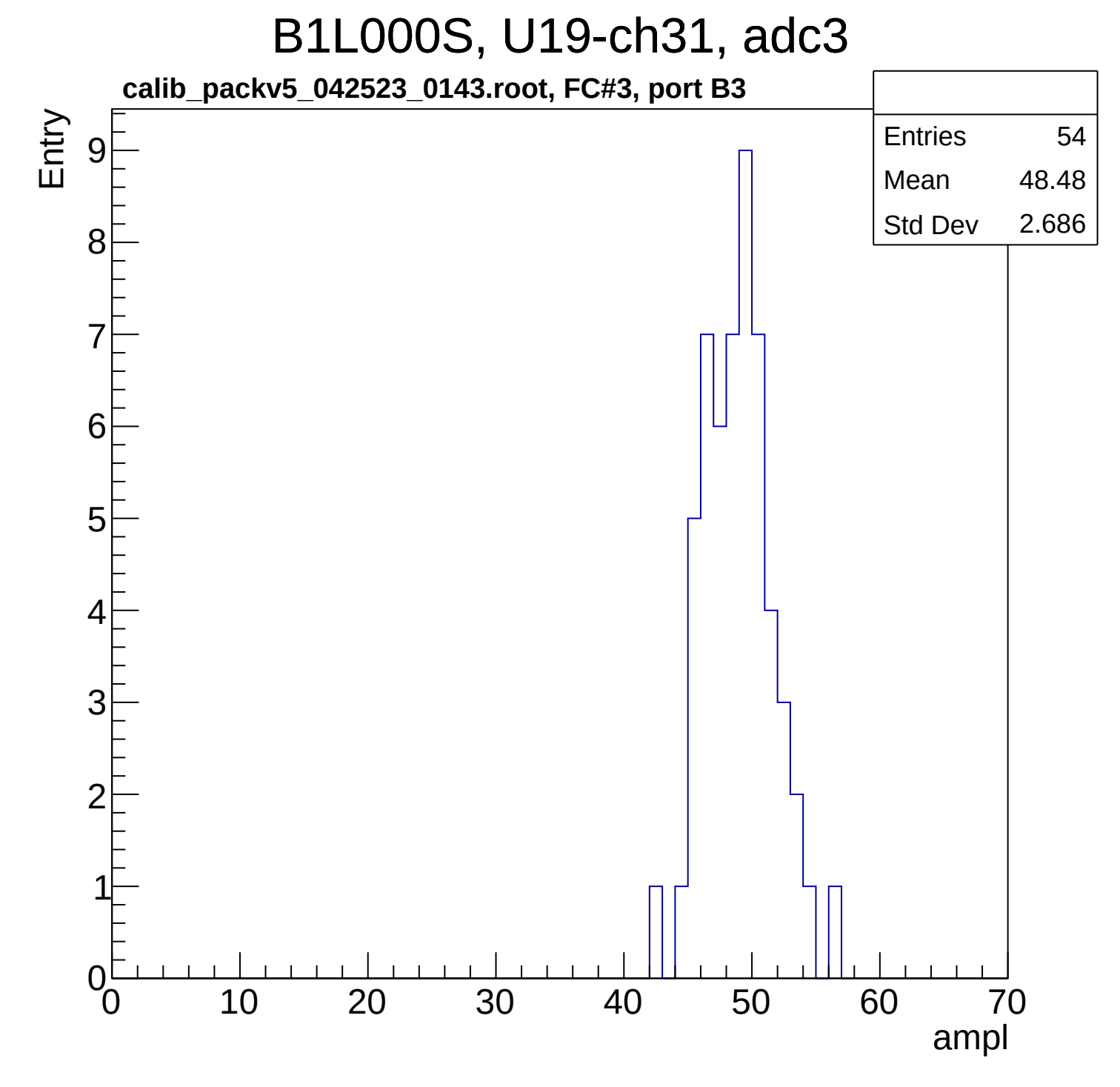
B1L000S, U19-ch31, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 48.48
Std Dev 2.686
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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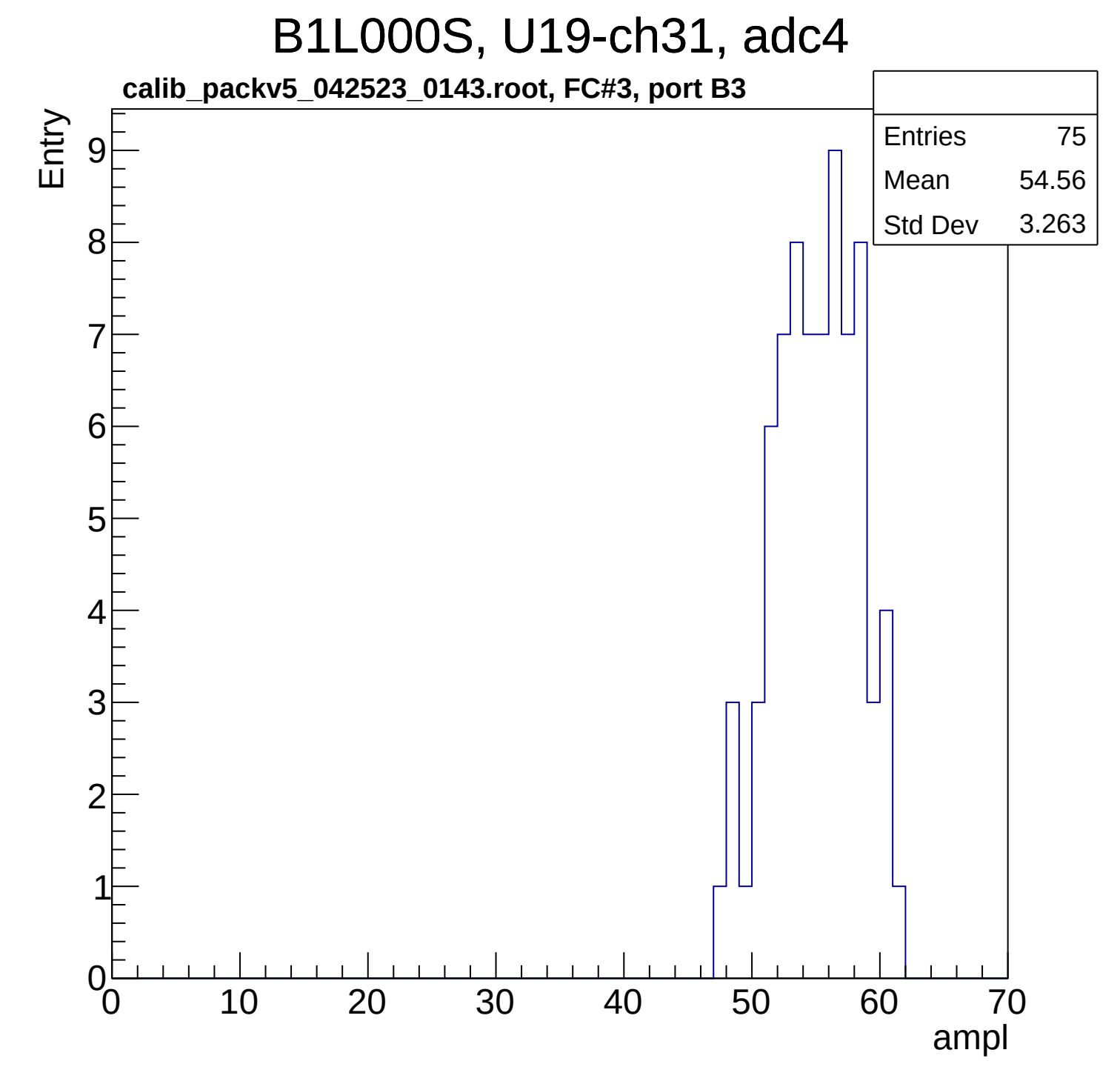
B1L000S, U19-ch31, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 54.56
Std Dev 3.263
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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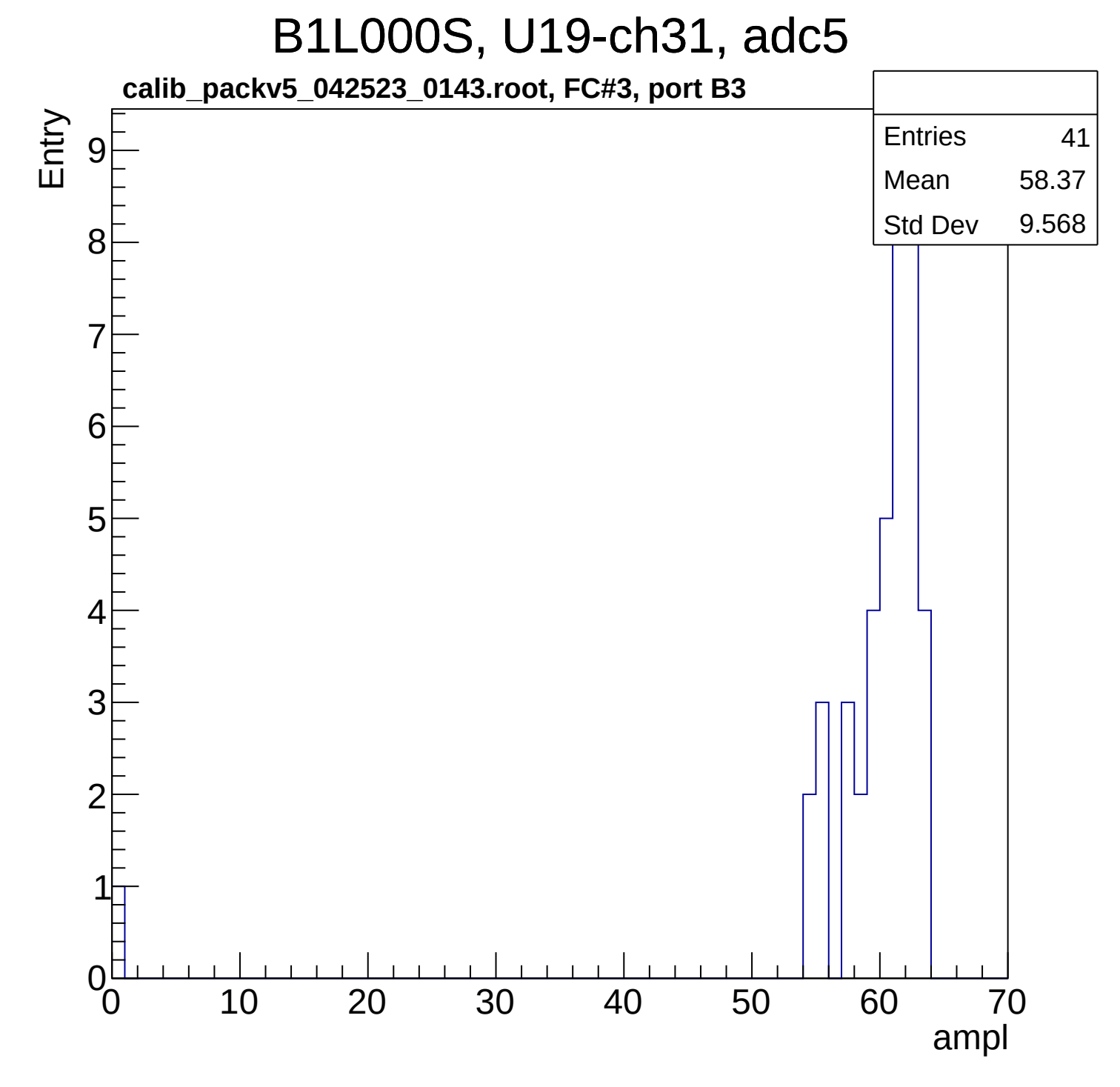
B1L000S, U19-ch31, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 41
Mean 58.37
Std Dev 9.568
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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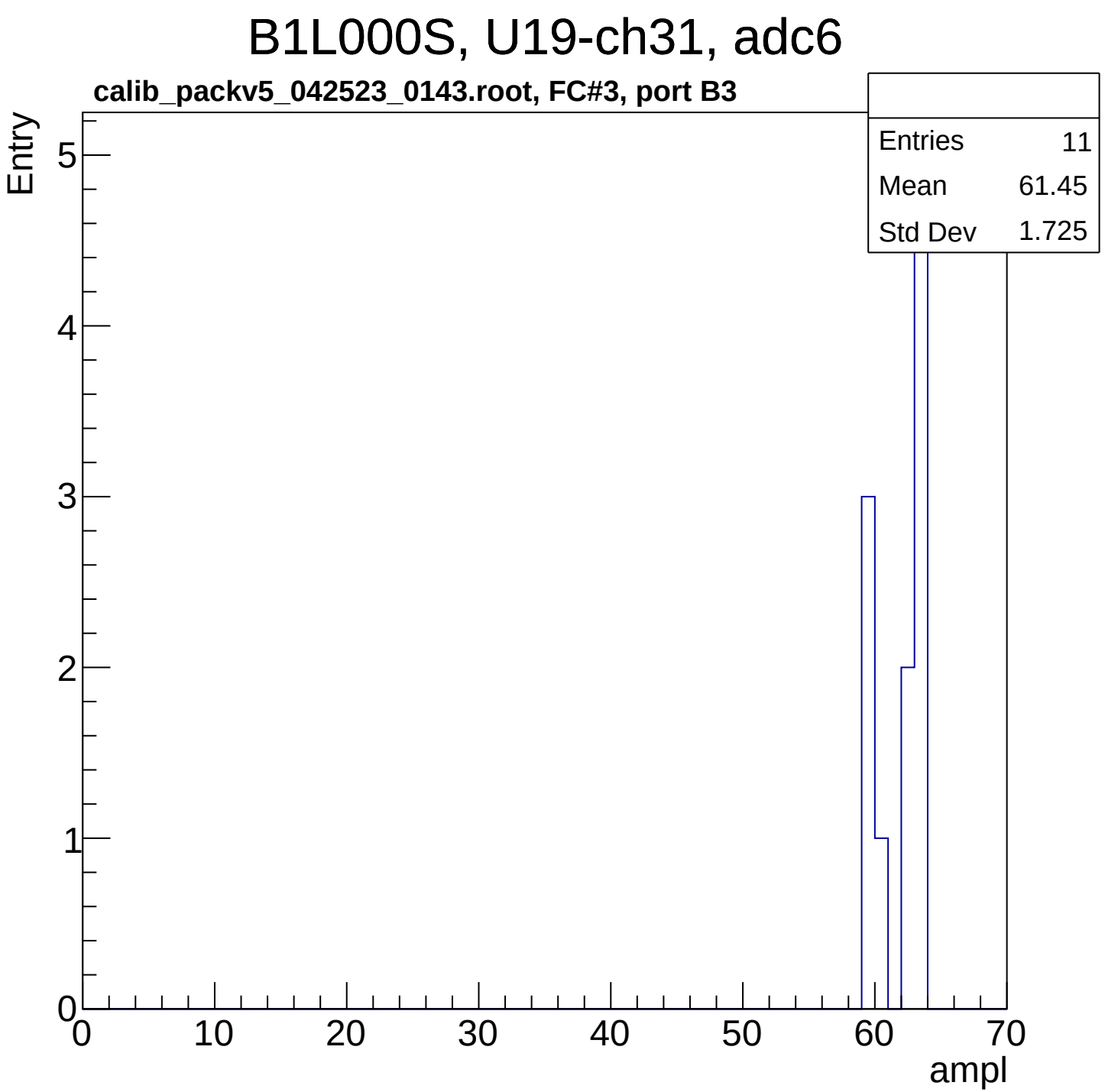
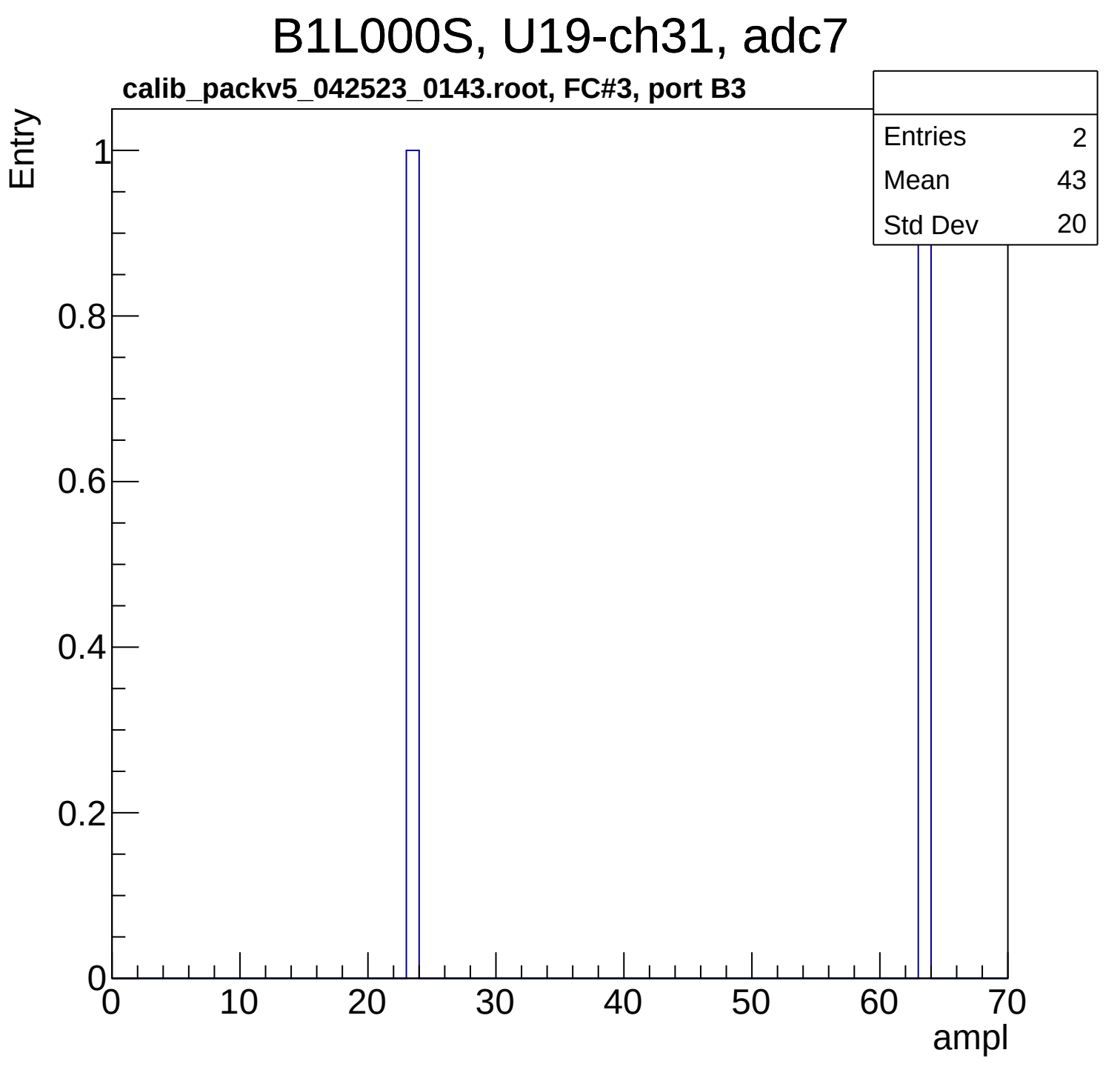

B1L000S, U19-ch31, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 61.45
Std Dev 1.725
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch31, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 43
Std Dev 20
Entry
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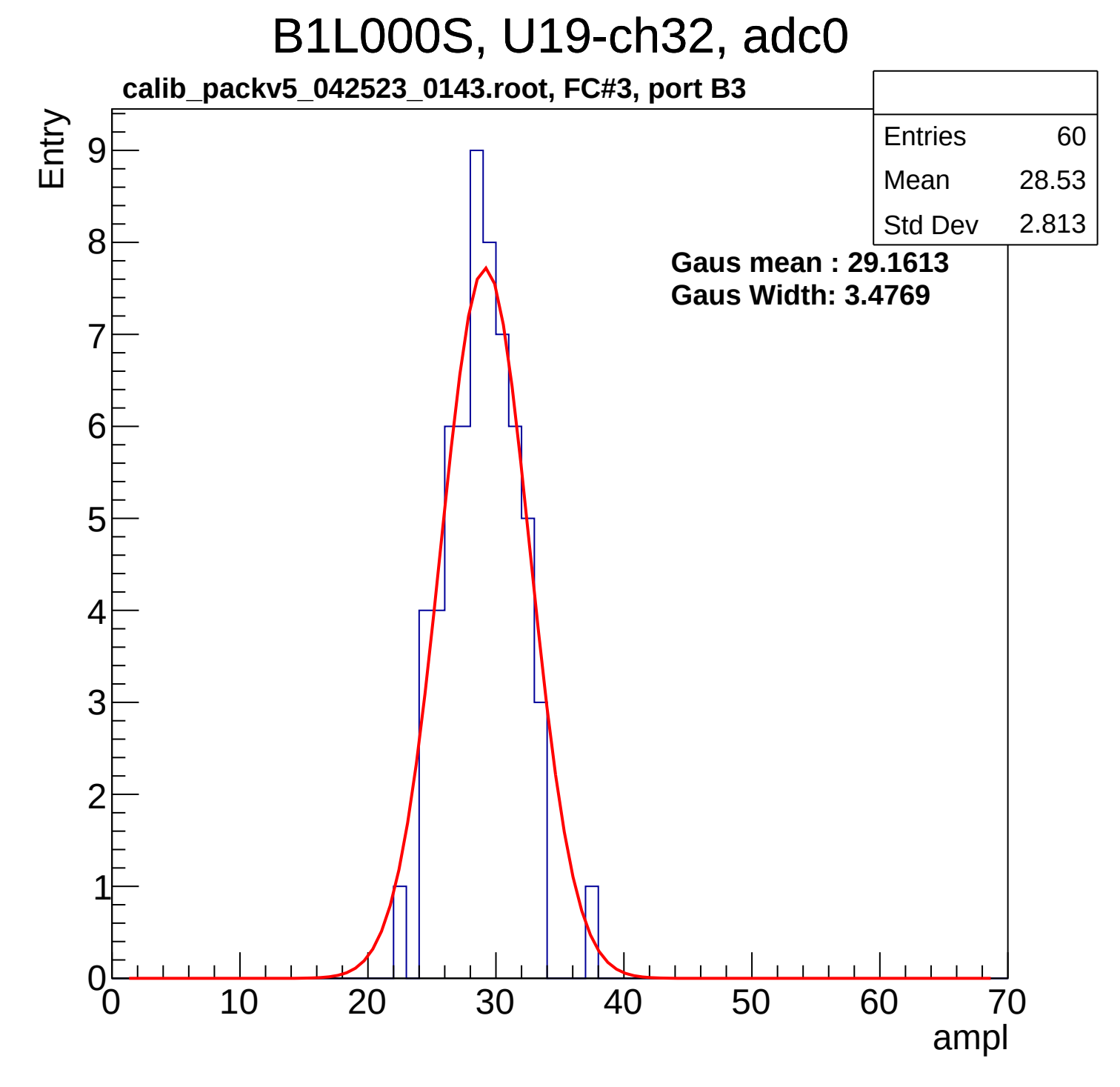
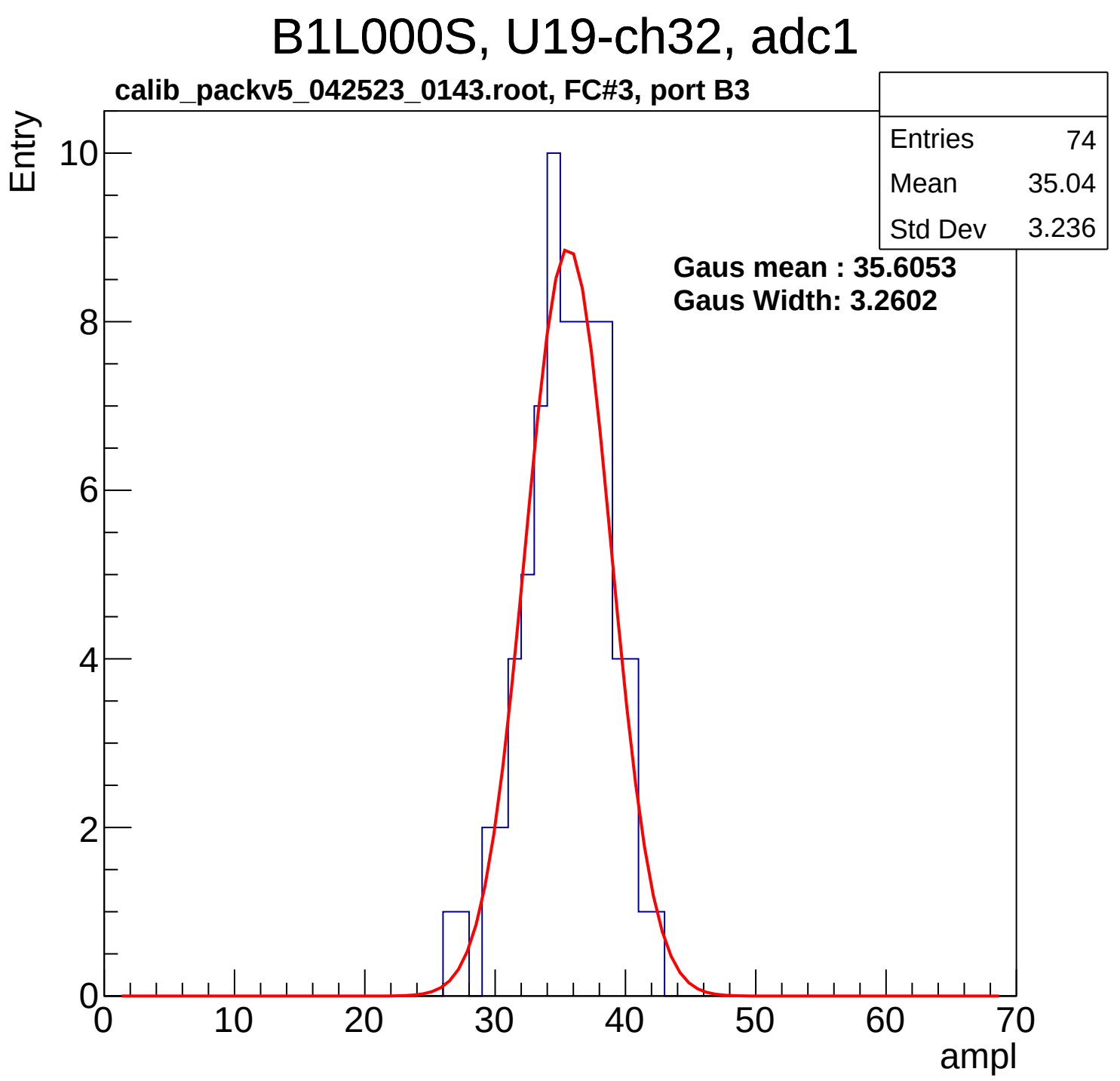
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch32, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 28.53
Std Dev 2.813
Gaus mean : 29.1613
Gaus Width: 3.4769
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U19-ch32, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 35.04
Std Dev 3.236
Gaus mean : 35.6053
Gaus Width: 3.2602
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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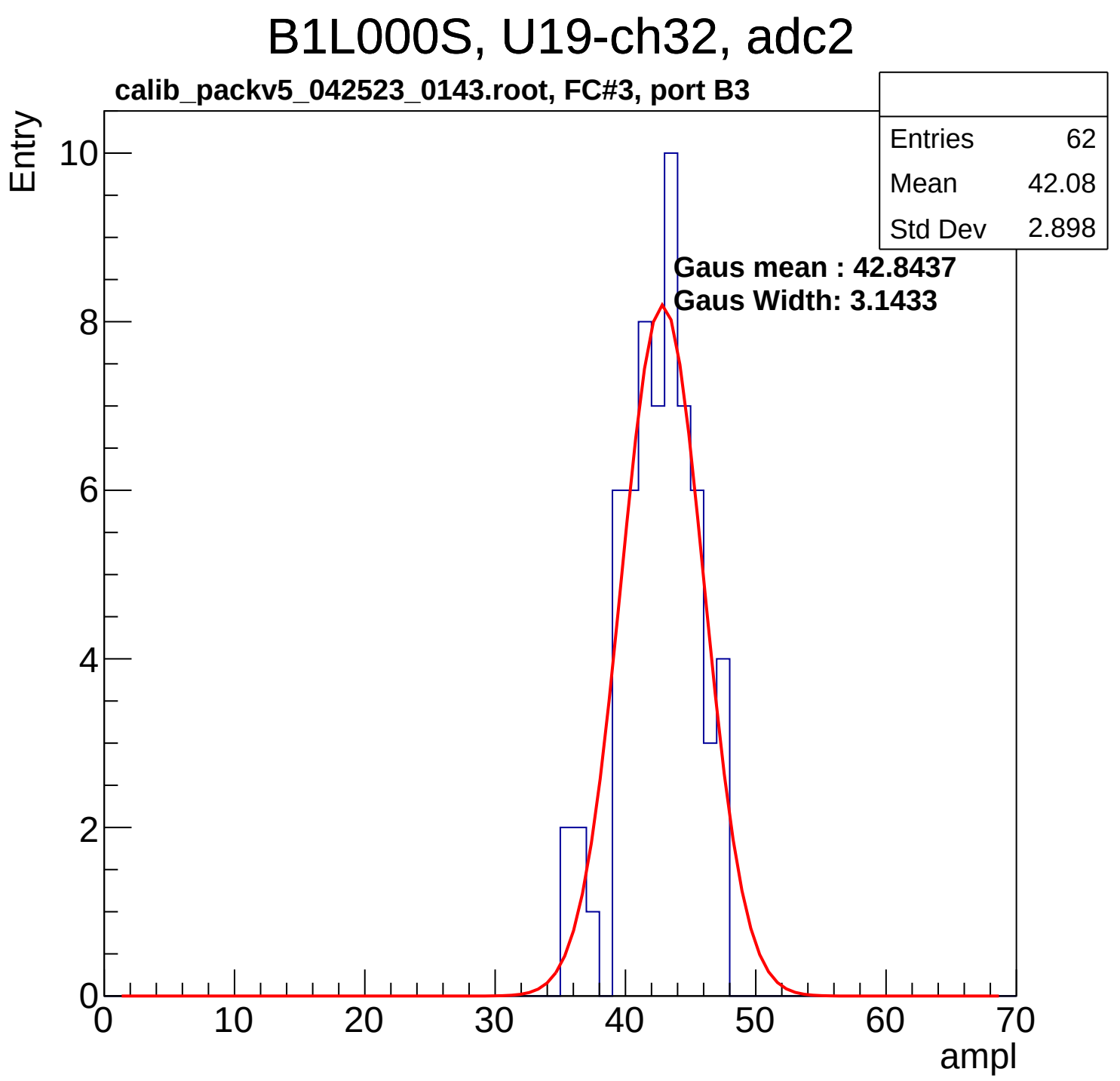
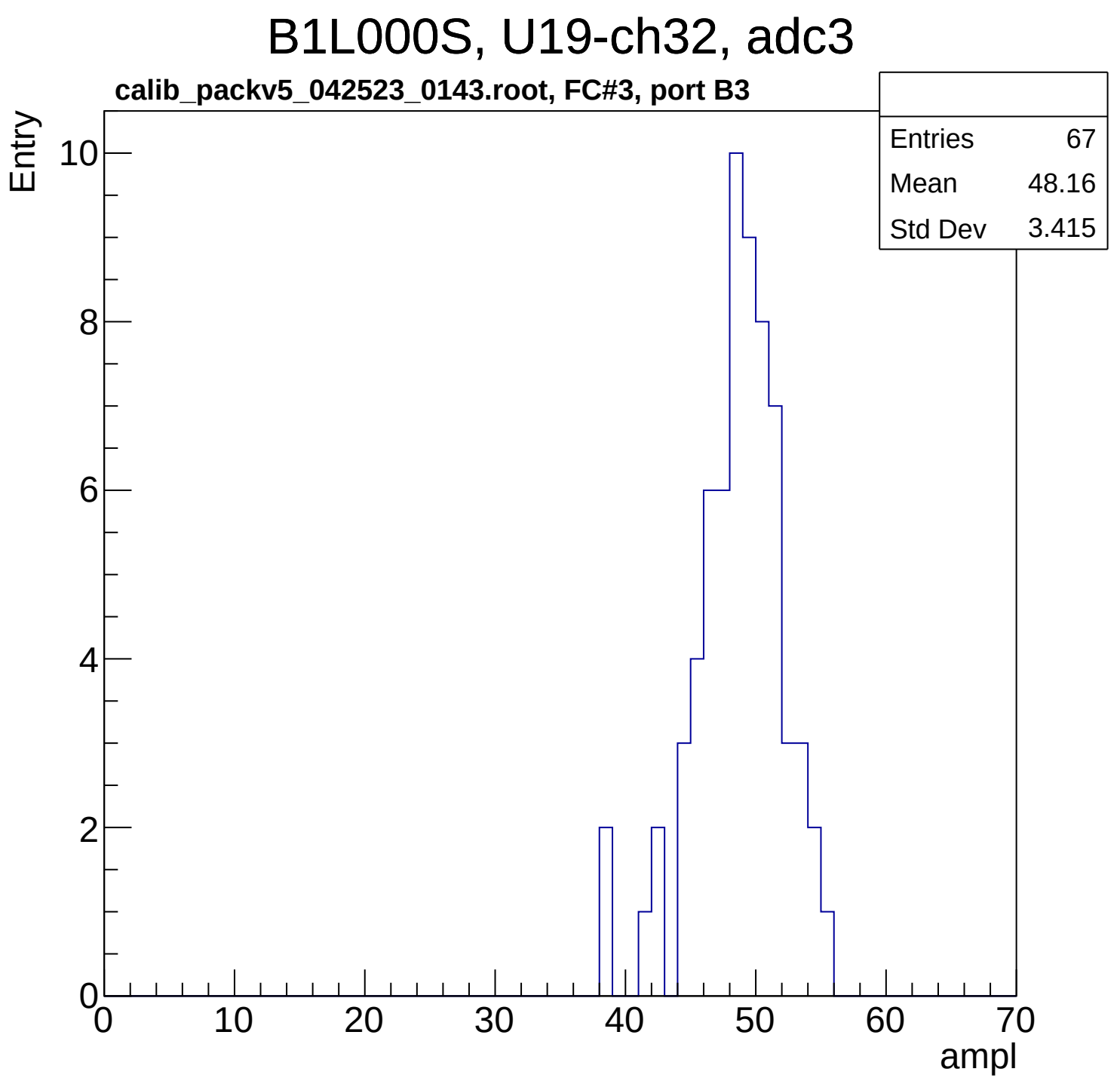

B1L000S, U19-ch32, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 42.08
Std Dev 2.898
Gaus mean : 42.8437
Gaus Width: 3.1433
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch32, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 48.16
Std Dev 3.415
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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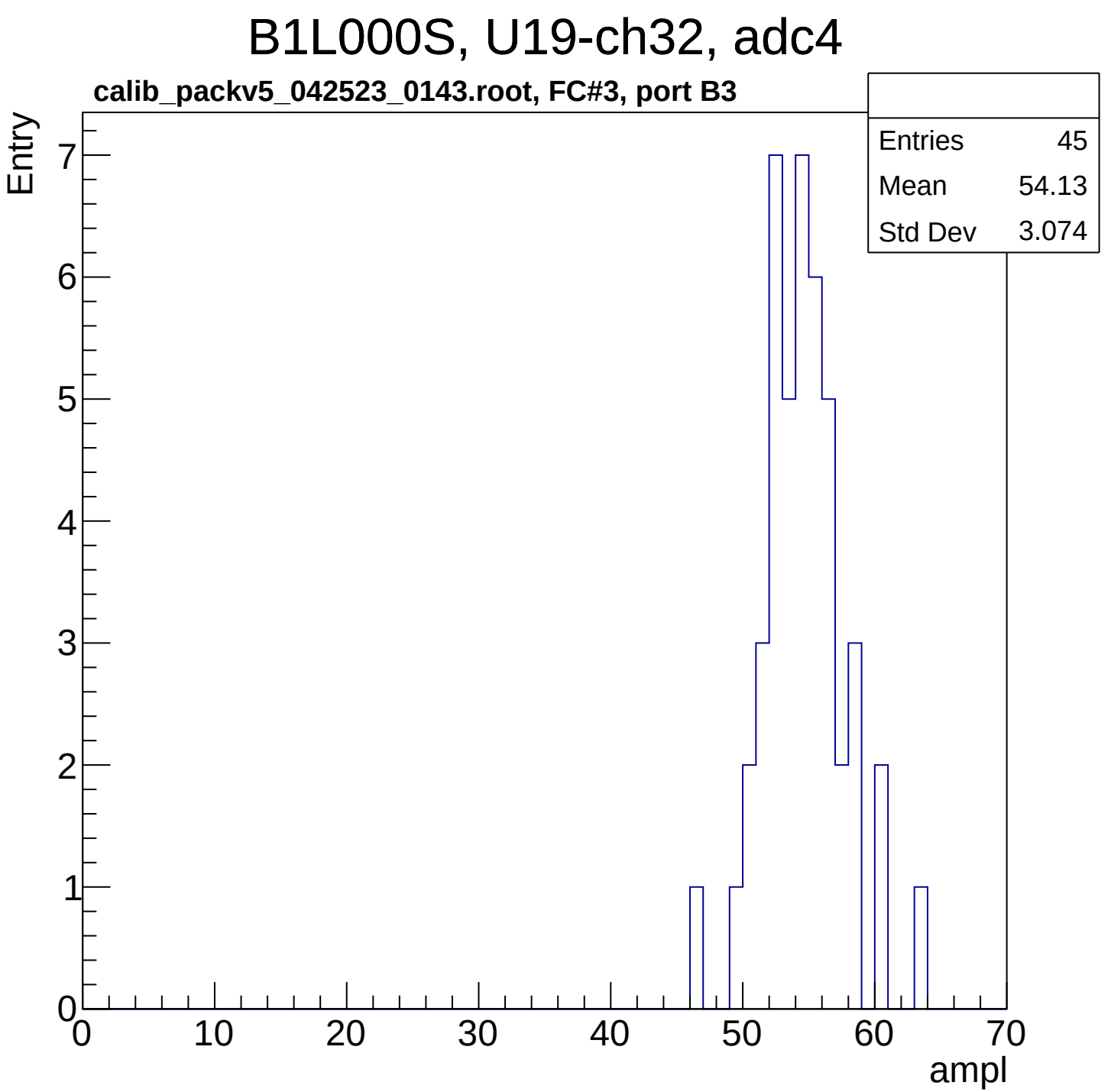
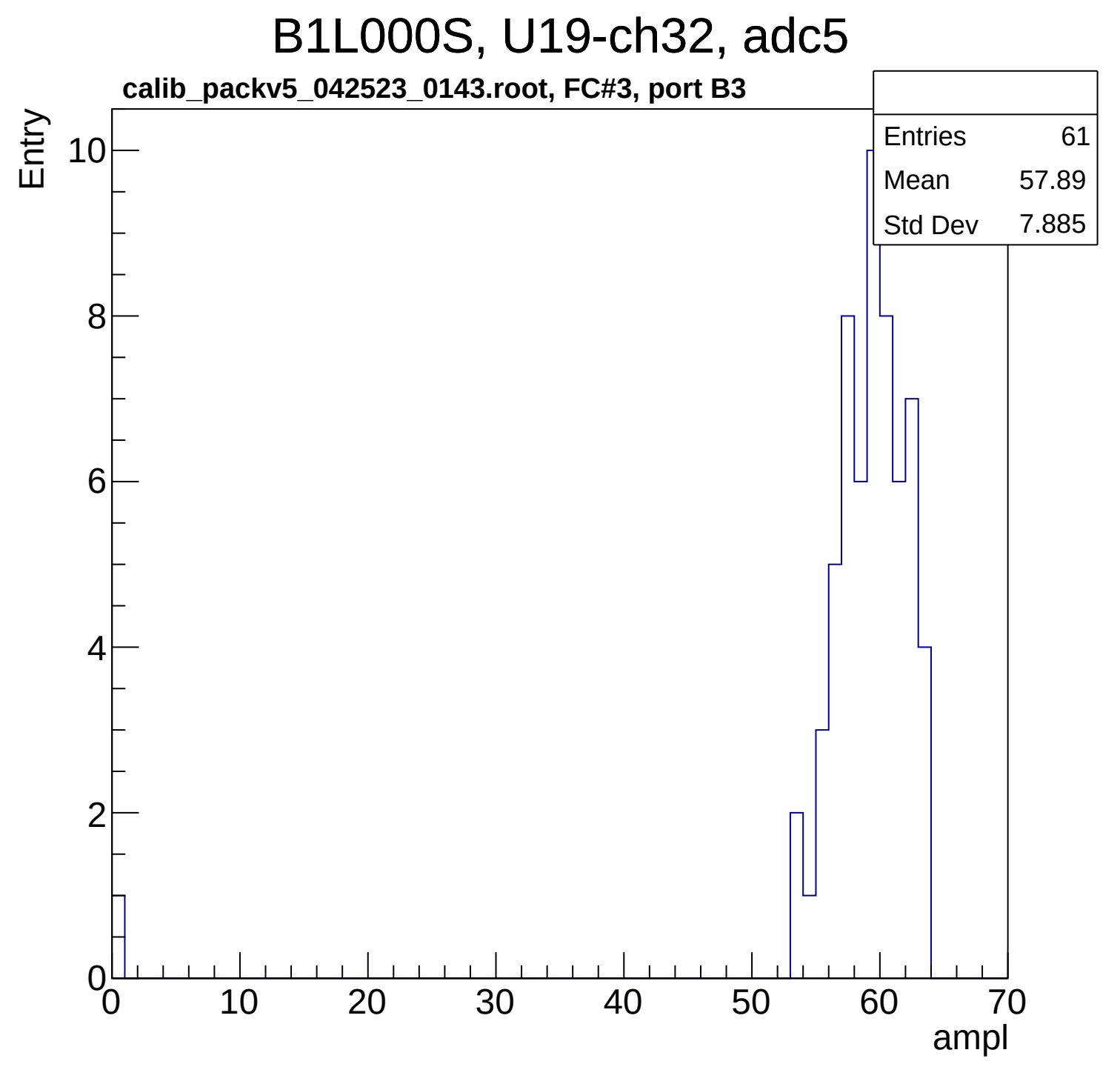
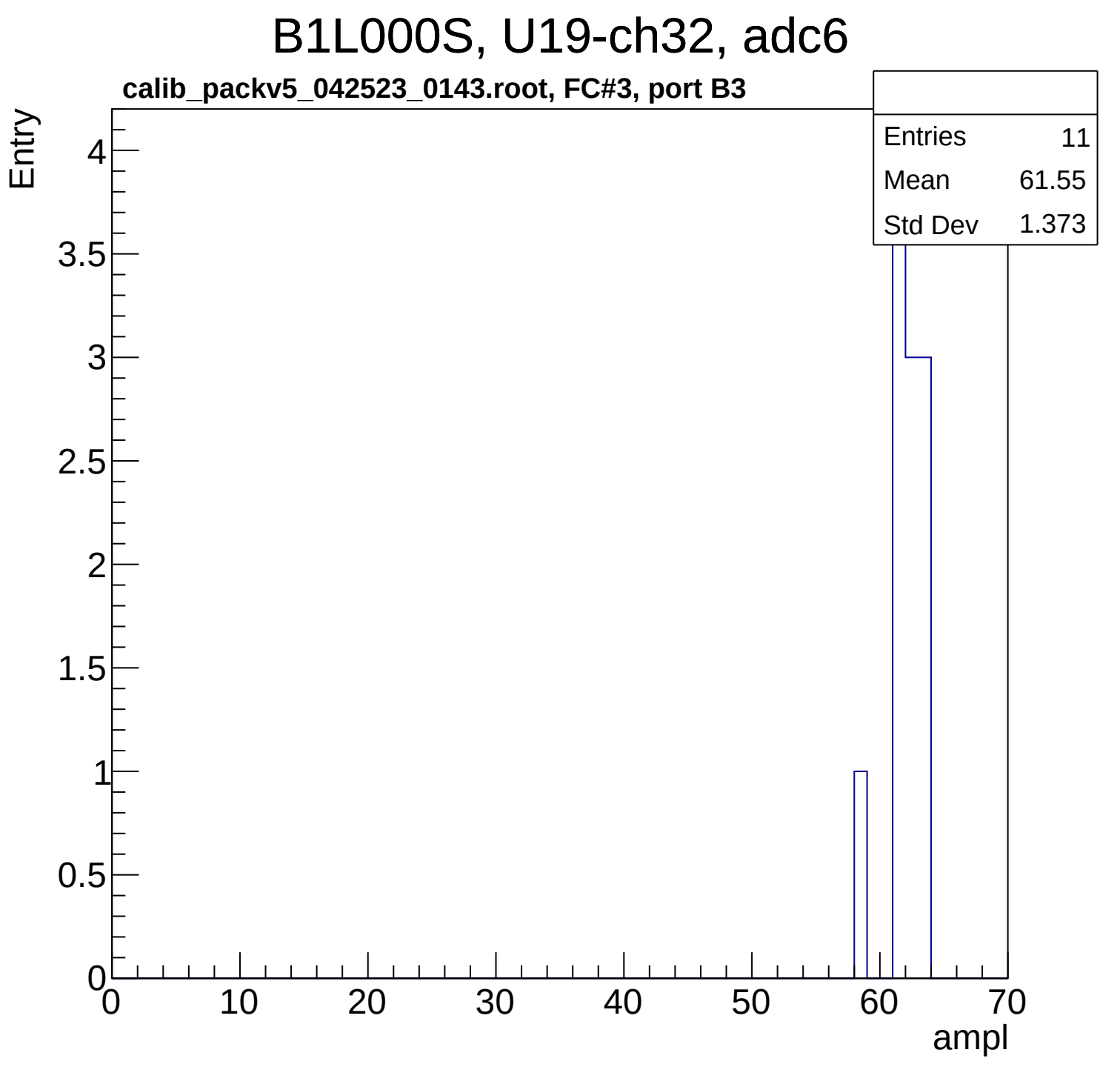

B1L000S, U19-ch32, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 54.13
Std Dev 3.074
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U19-ch32, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 57.89
Std Dev 7.885
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch32, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 61.55
Std Dev 1.373
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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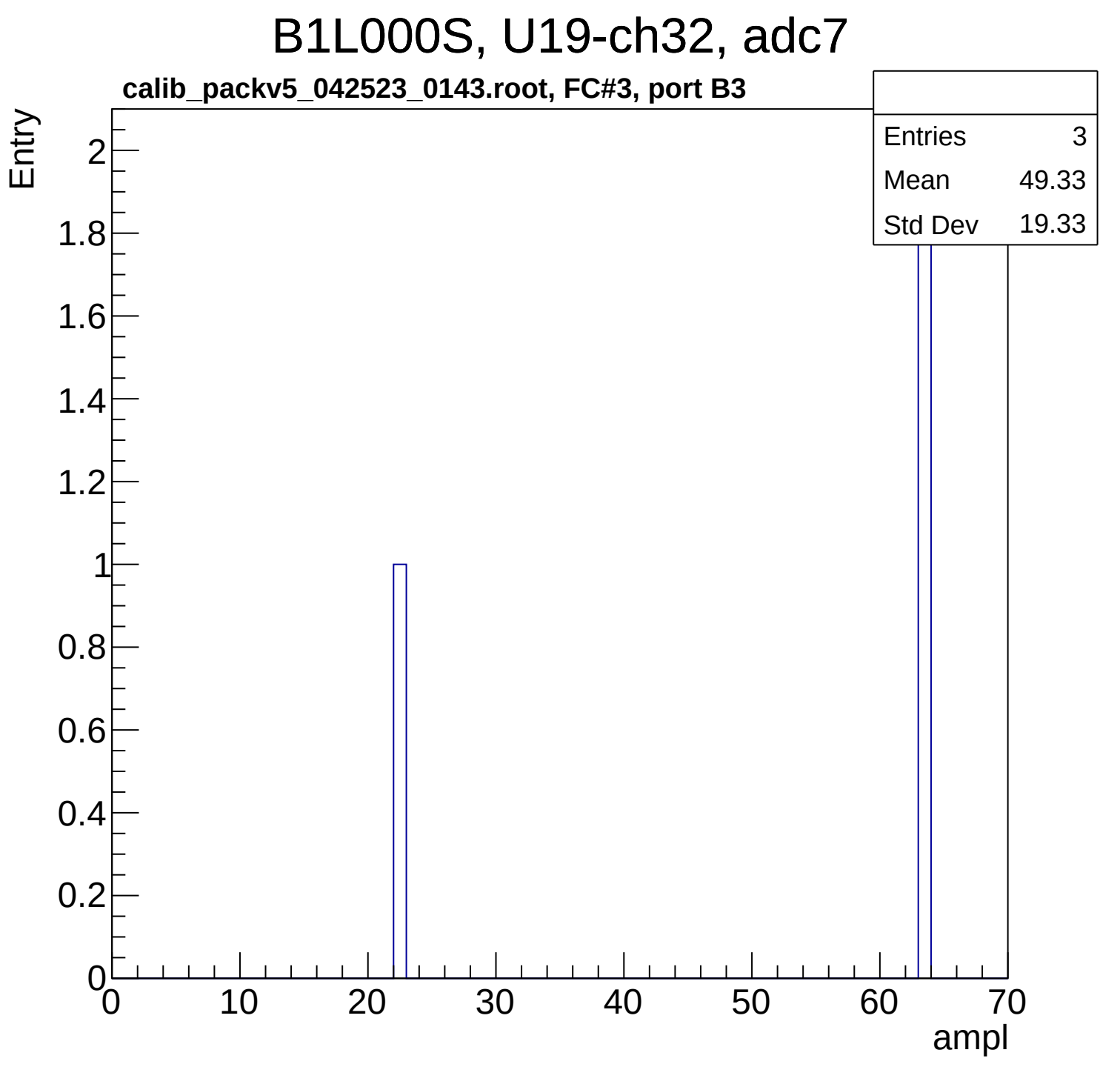
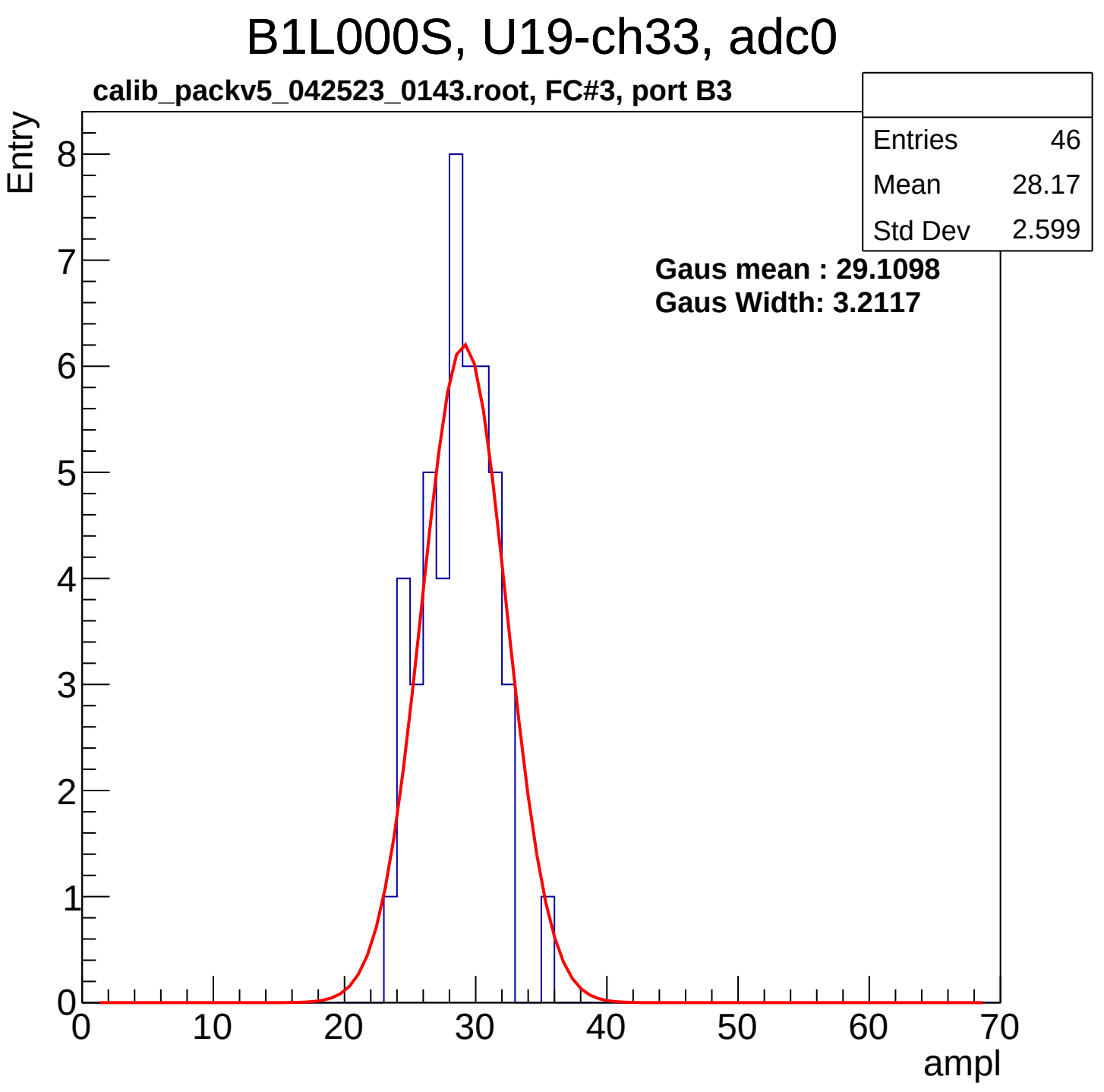
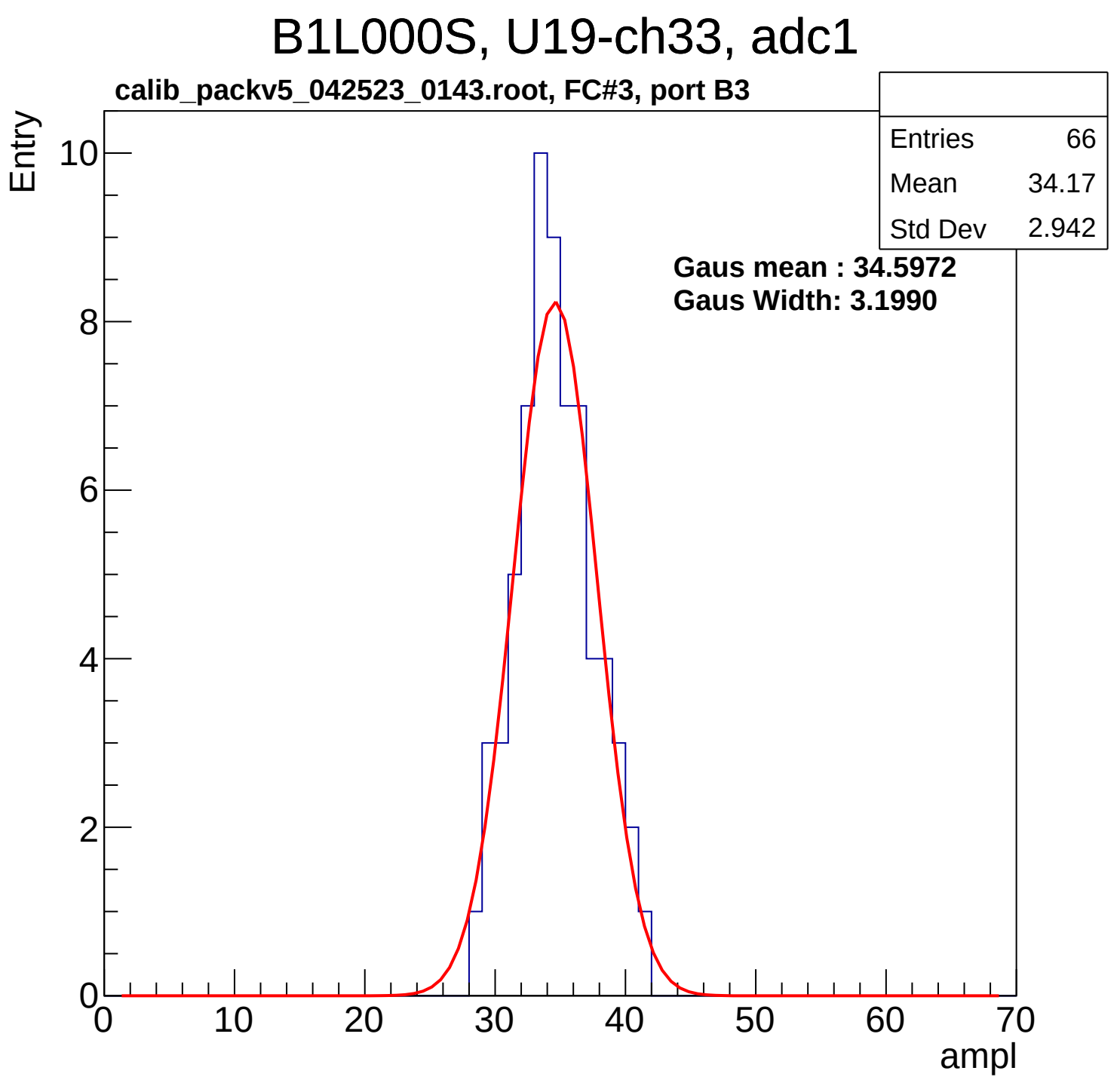
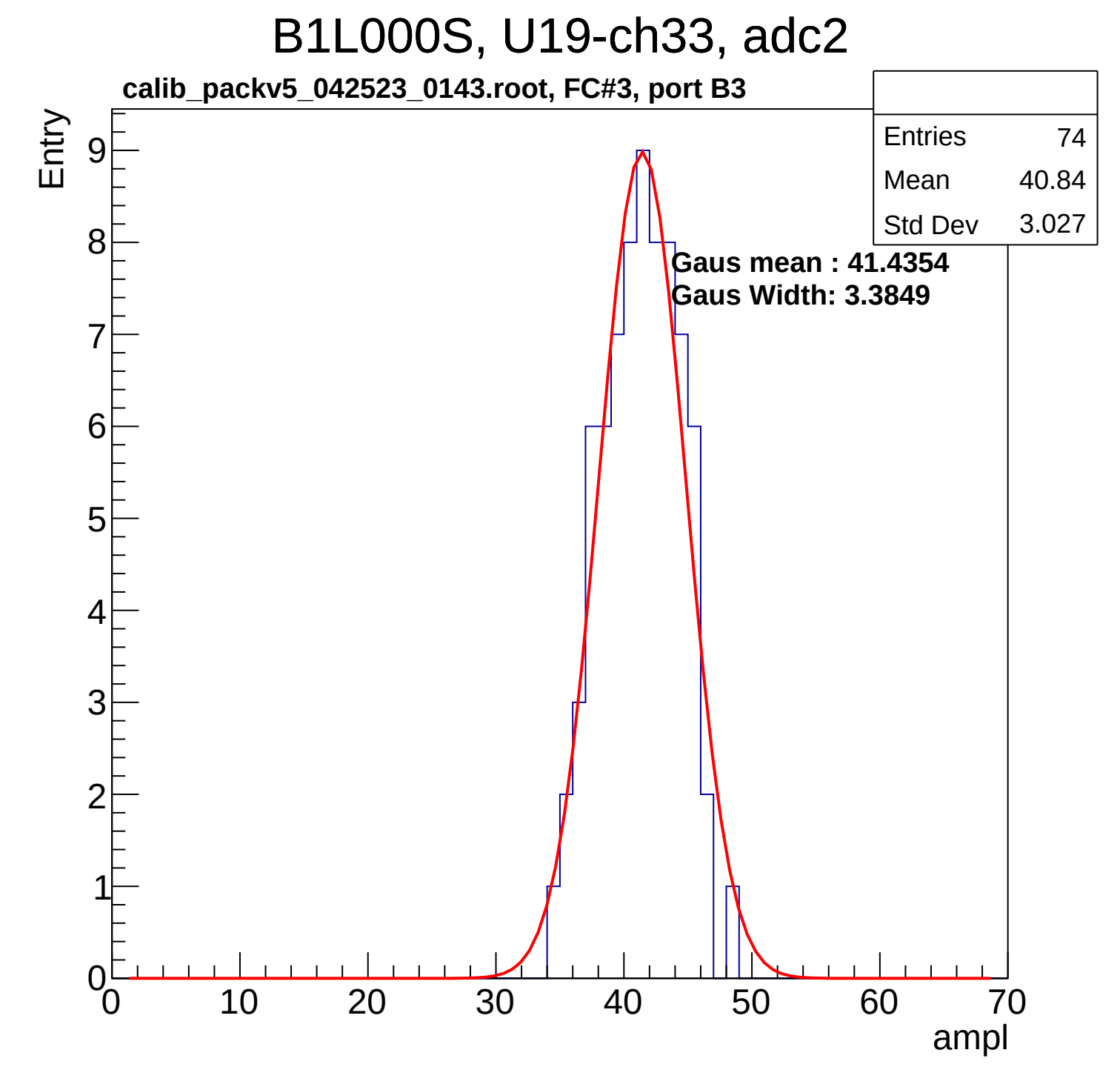
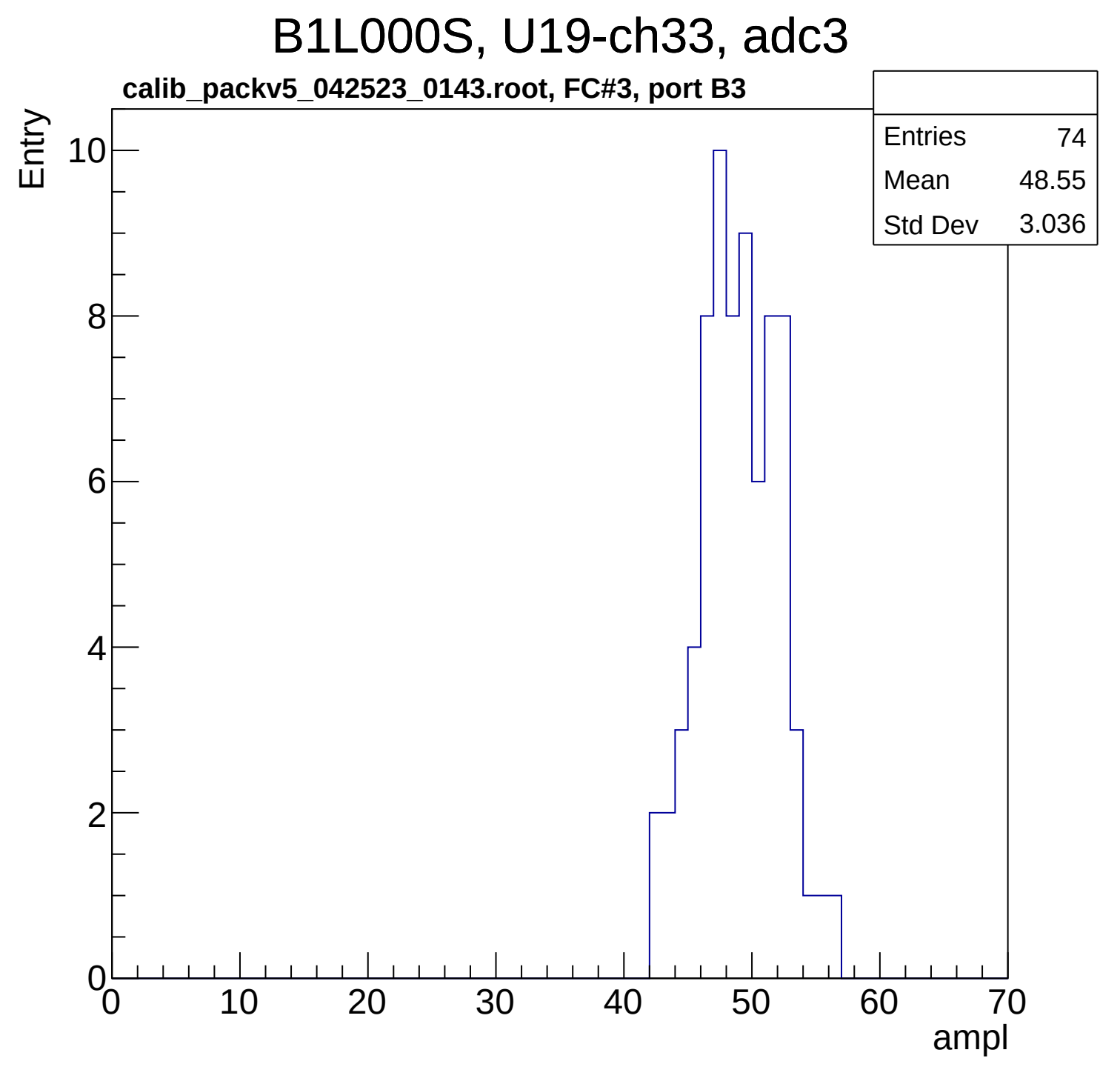
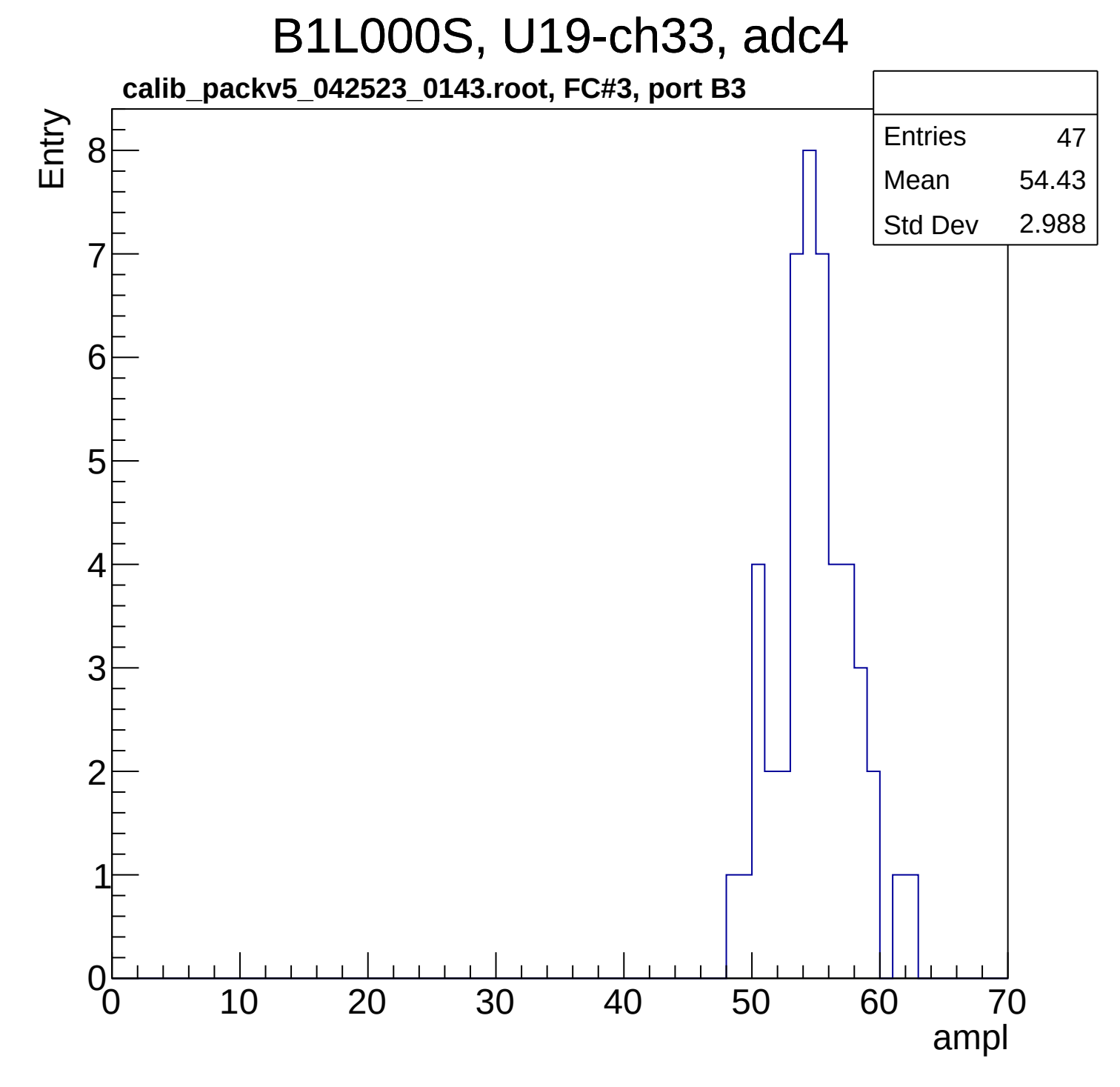

B1L000S, U19-ch32, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 49.33
Std Dev 19.33
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L000S, U19-ch33, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 28.17
Std Dev 2.599
Gaus mean : 29.1098
Gaus Width: 3.2117
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch33, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 34.17
Std Dev 2.942
Gaus mean : 34.5972
Gaus Width: 3.1990
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch33, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 40.84
Std Dev 3.027
Gaus mean : 41.4354
Gaus Width: 3.3849
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch33, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 48.55
Std Dev 3.036
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch33, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 54.43
Std Dev 2.988
Entry
ampl
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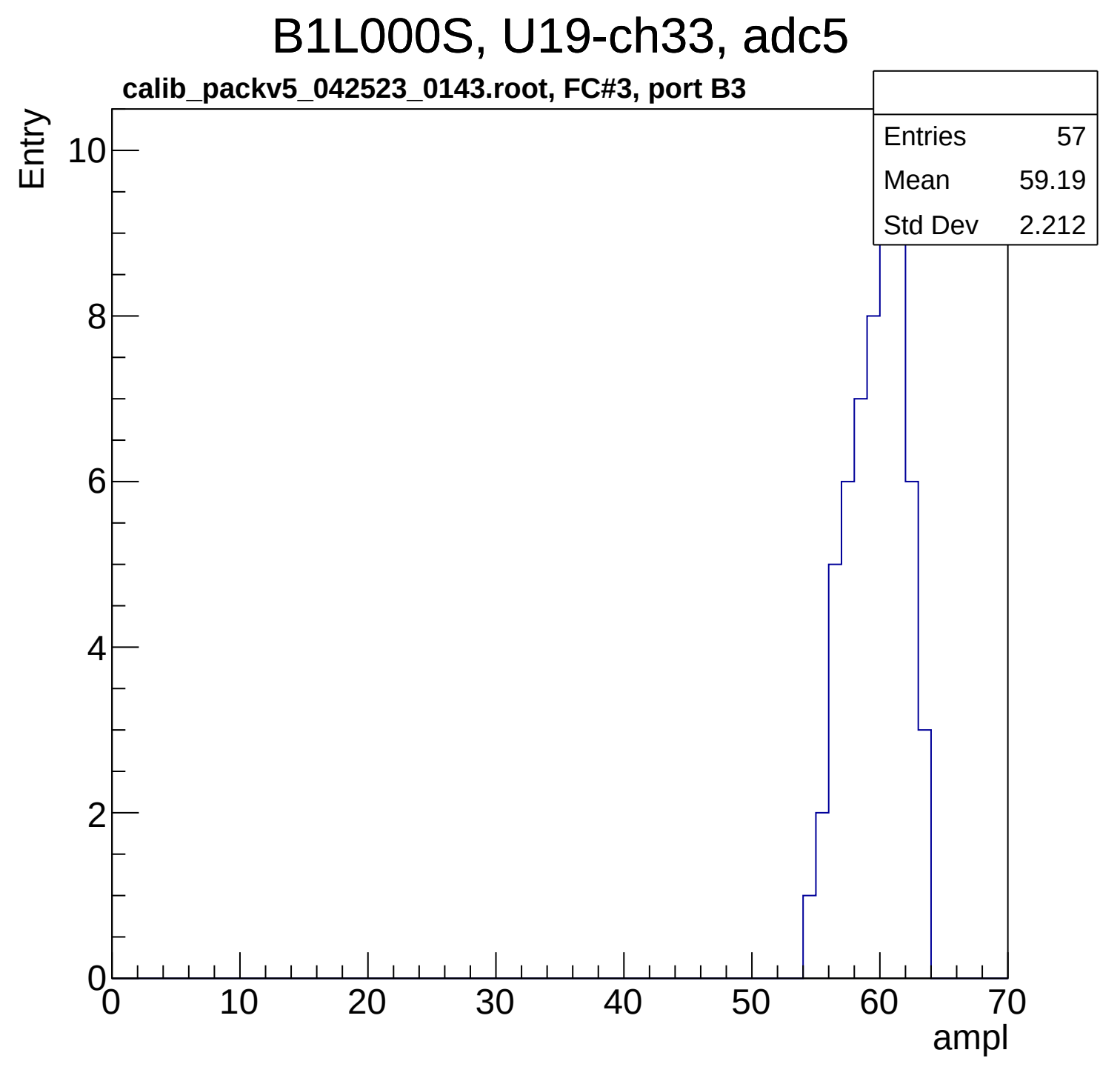
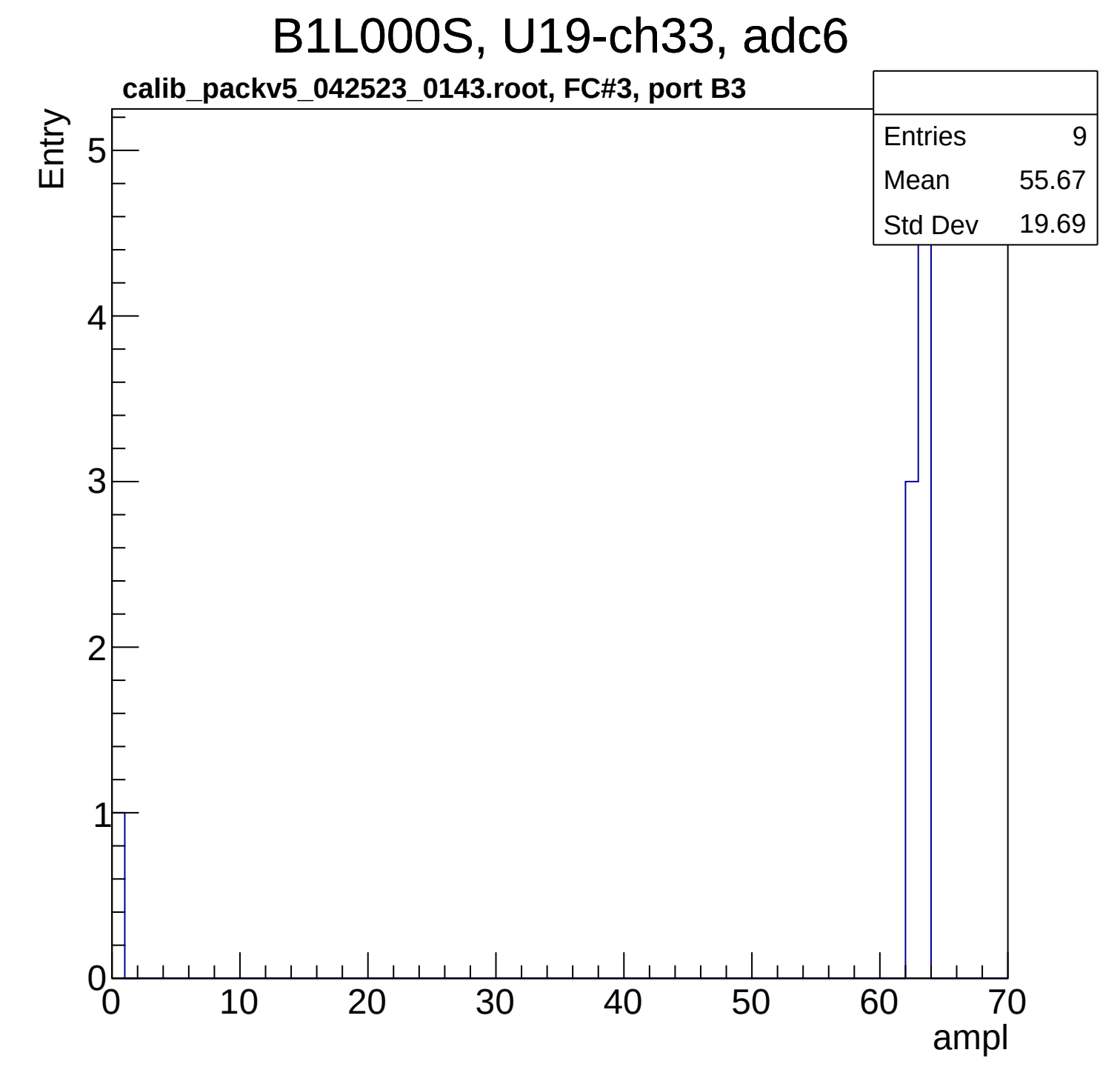
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch33, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 59.19
Std Dev 2.212
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch33, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 55.67
Std Dev 19.69
Entry
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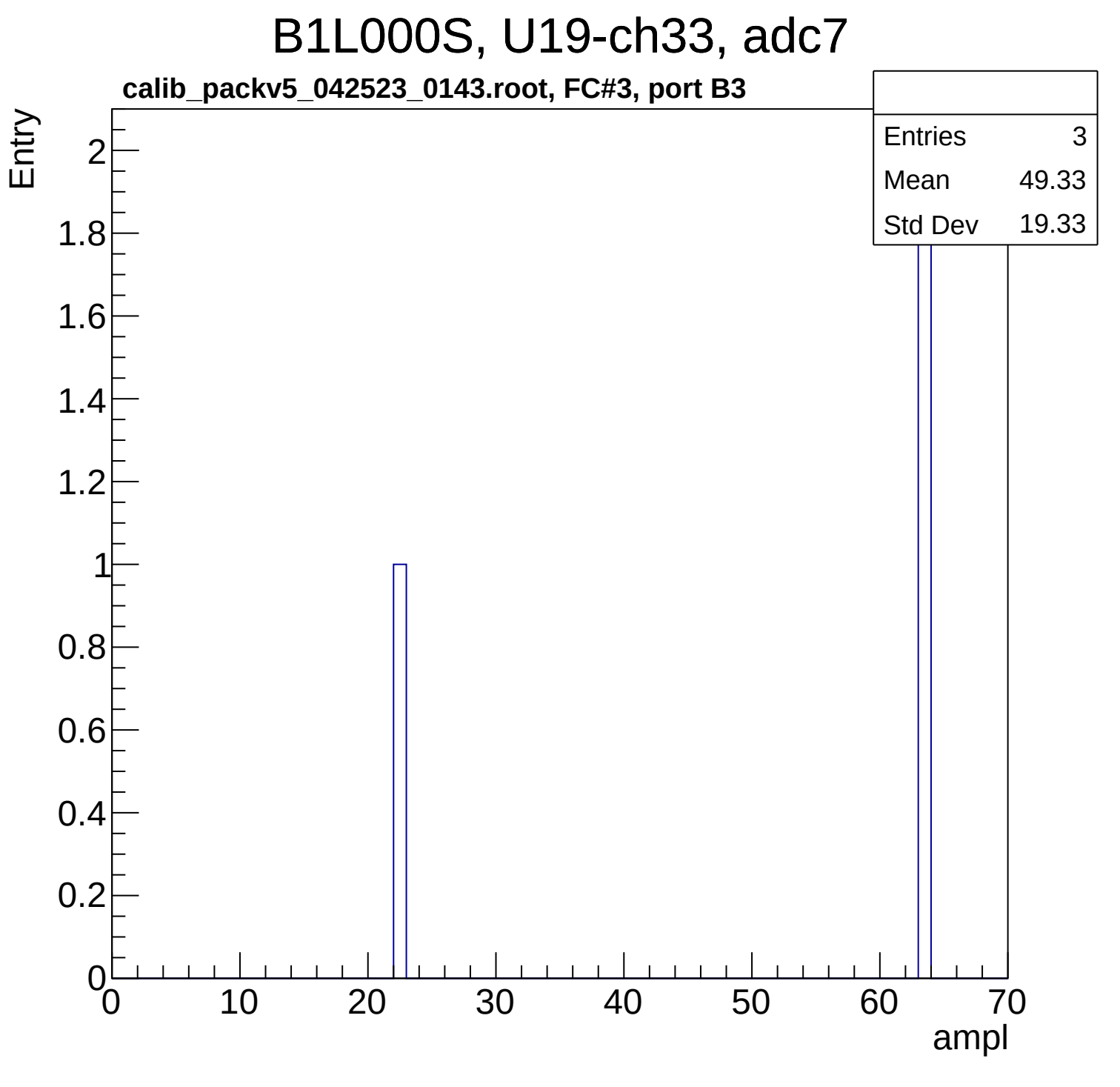
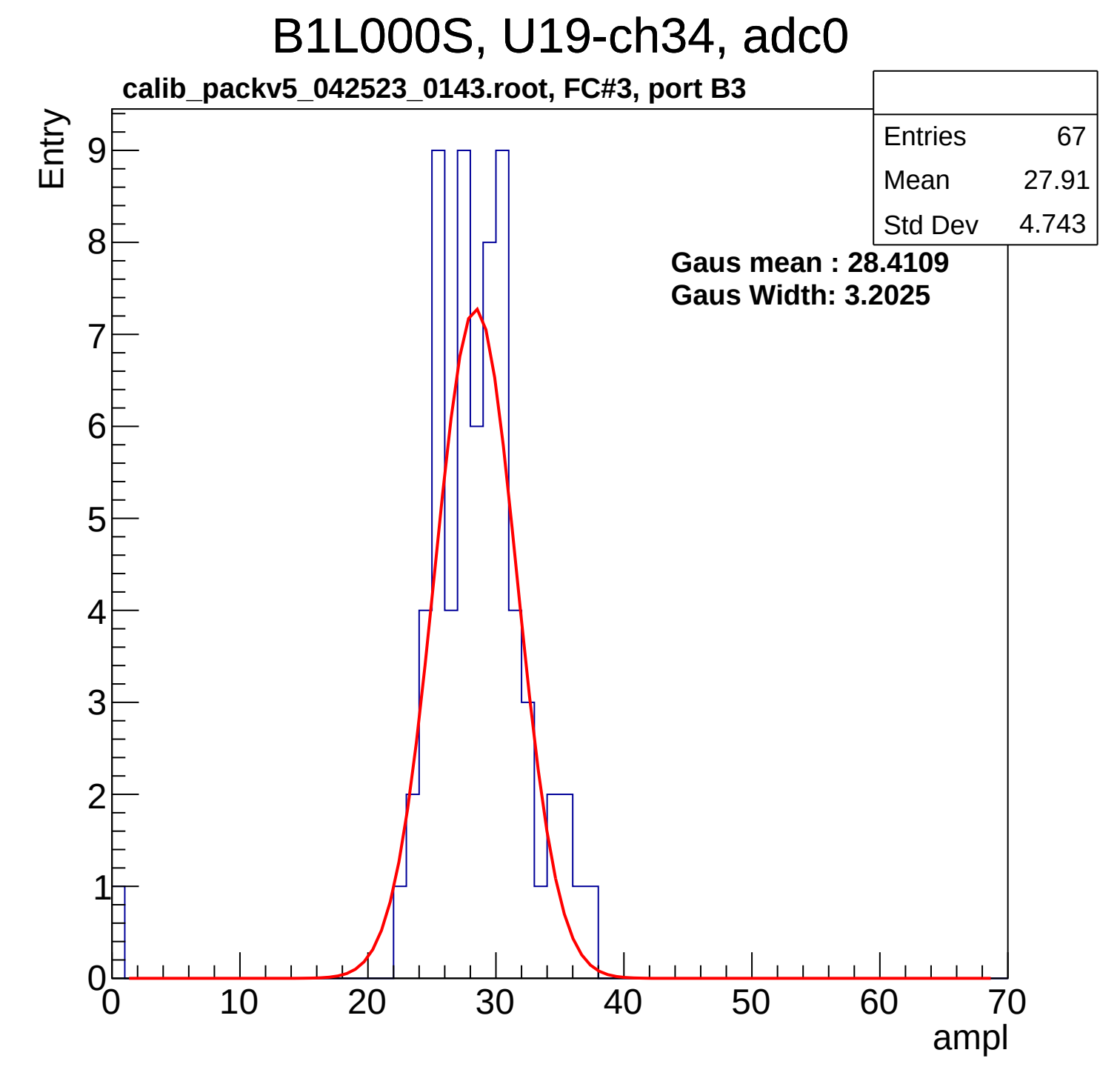
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch33, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 49.33
Std Dev 19.33
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, U19-ch34, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 27.91
Std Dev 4.743
Gaus mean : 28.4109
Gaus Width: 3.2025
Entry
ampl
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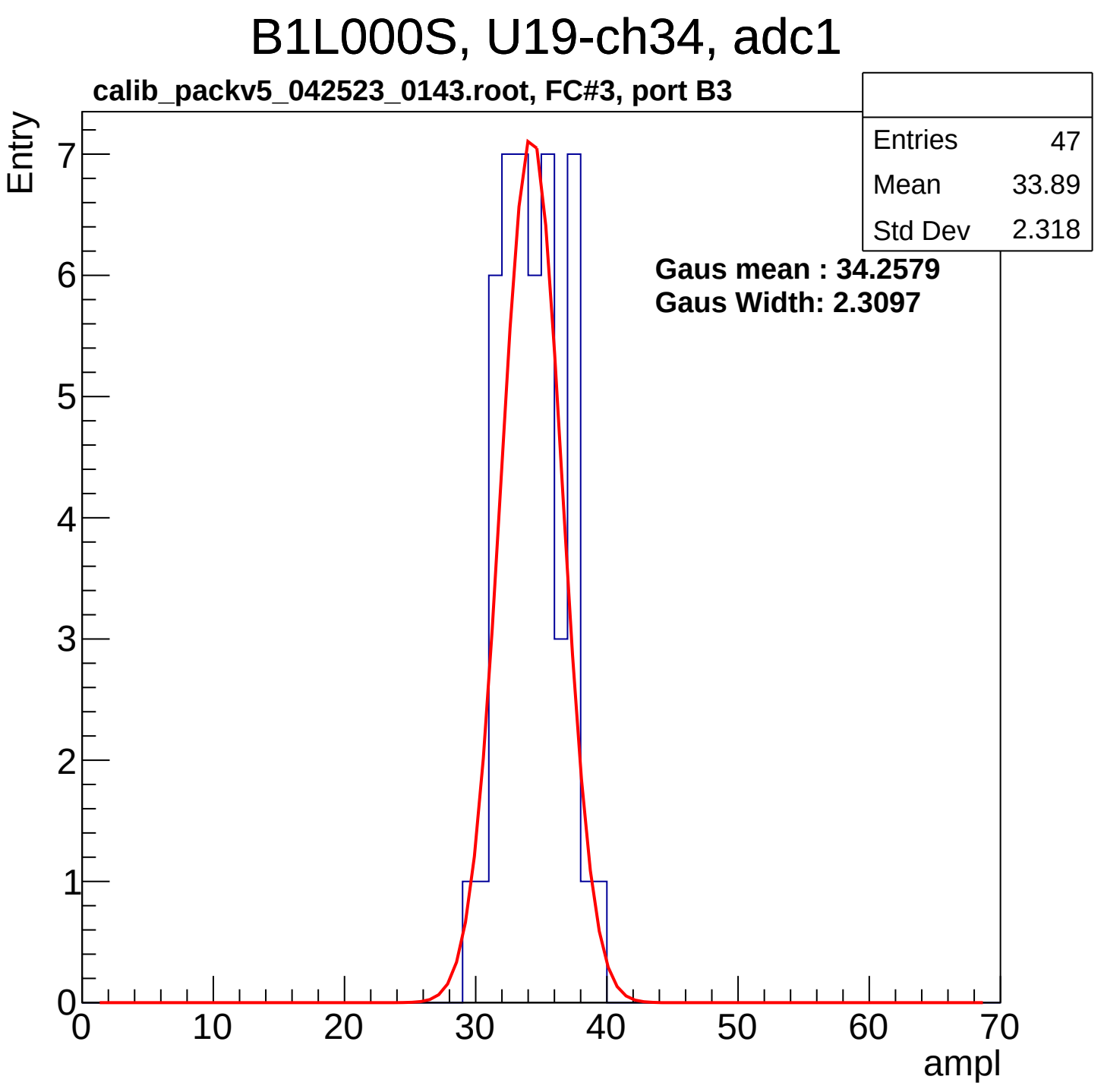
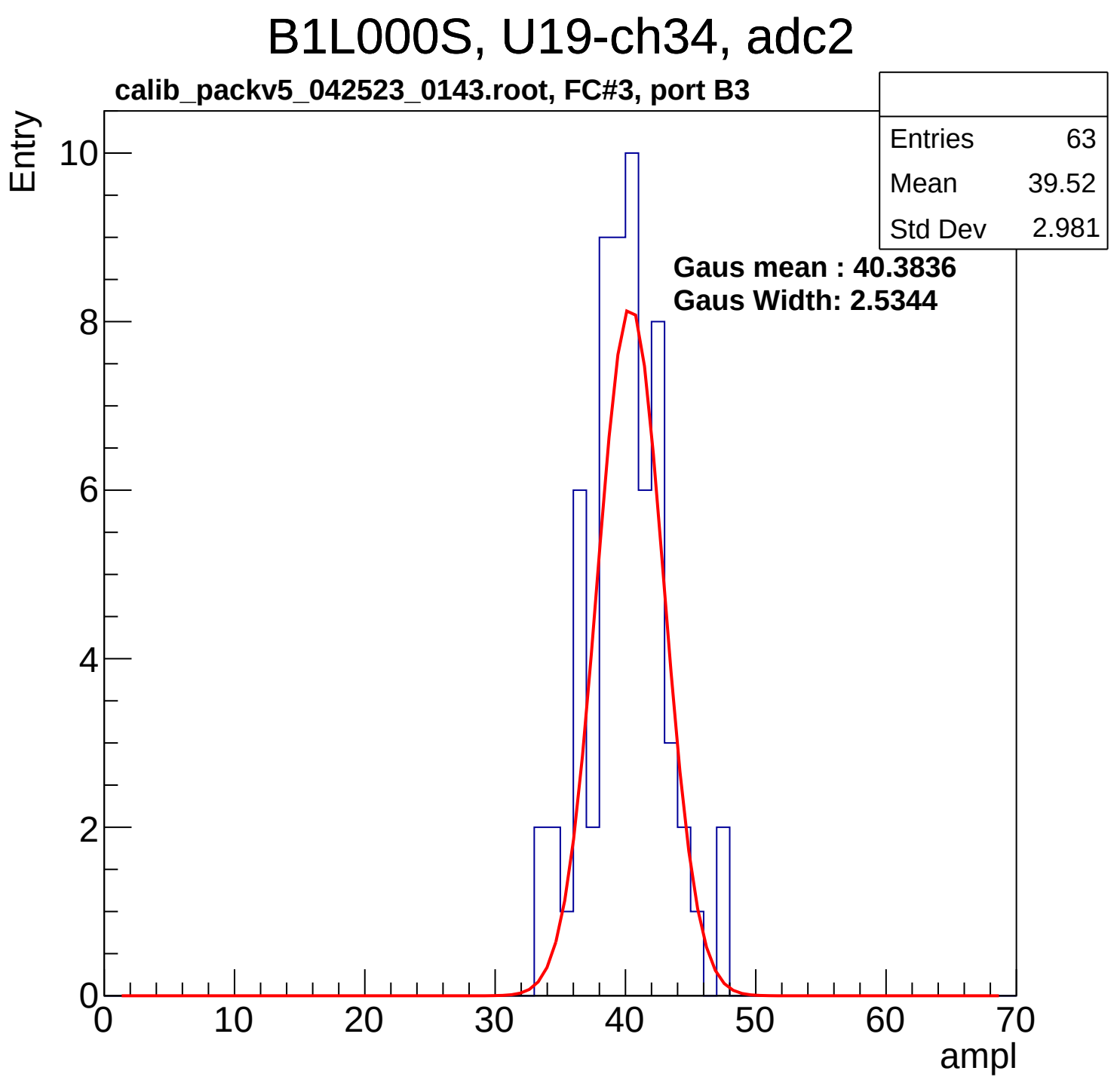
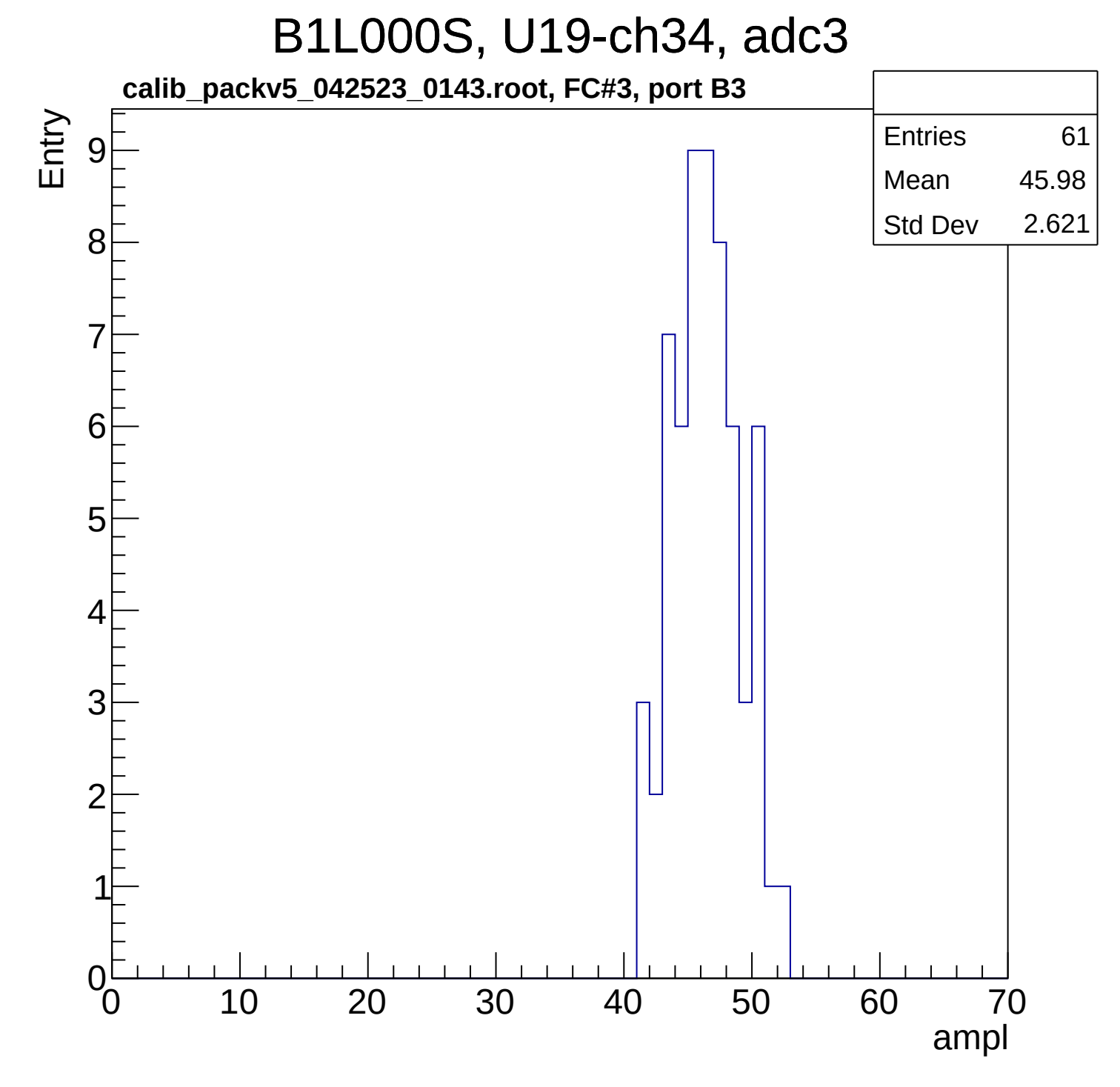
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch34, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 33.89
Std Dev 2.318
Gaus mean : 34.2579
Gaus Width: 2.3097
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U19-ch34, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 39.52
Std Dev 2.981
Gaus mean : 40.3836
Gaus Width: 2.5344
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch34, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 45.98
Std Dev 2.621
Entry
ampl
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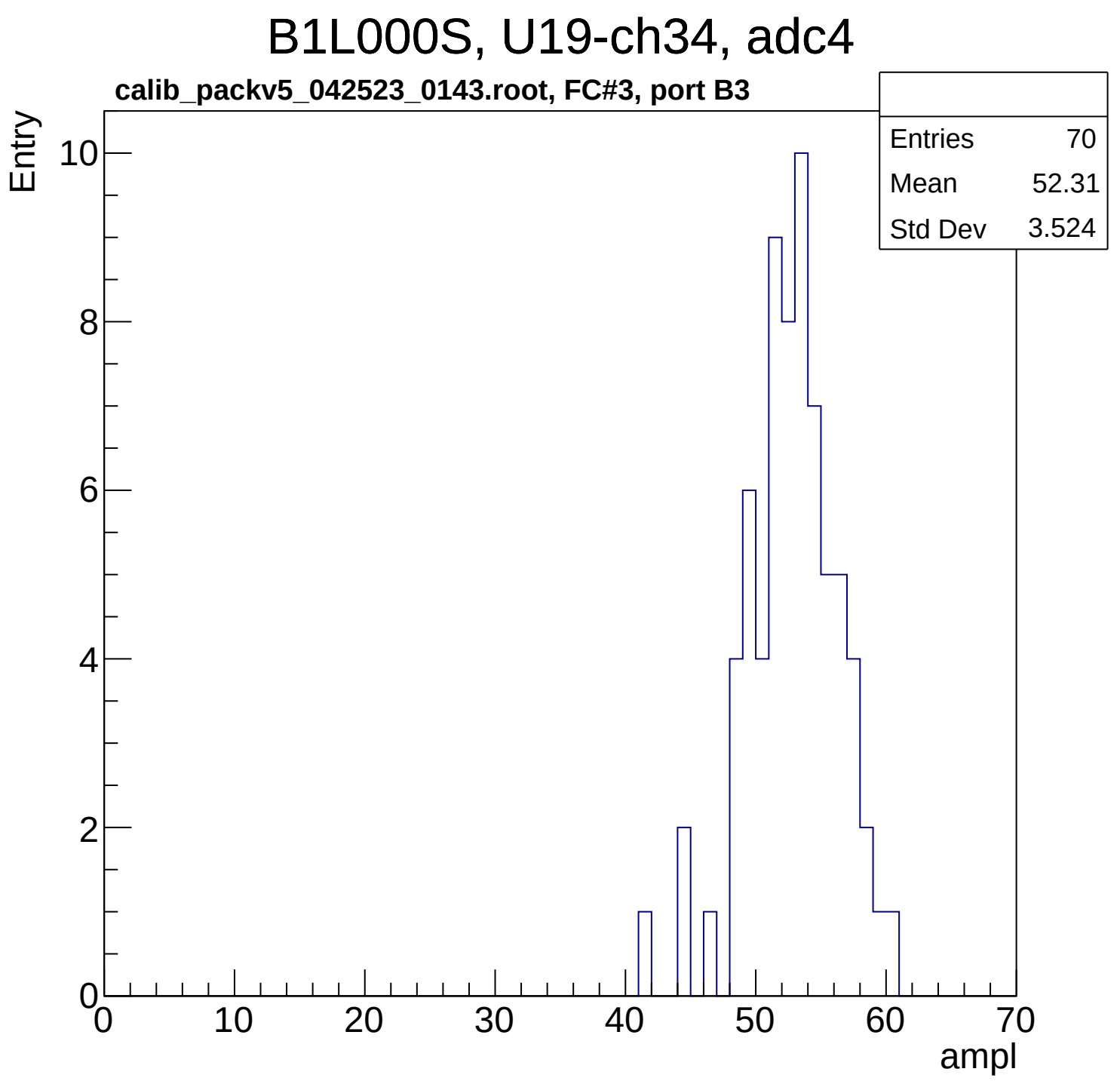
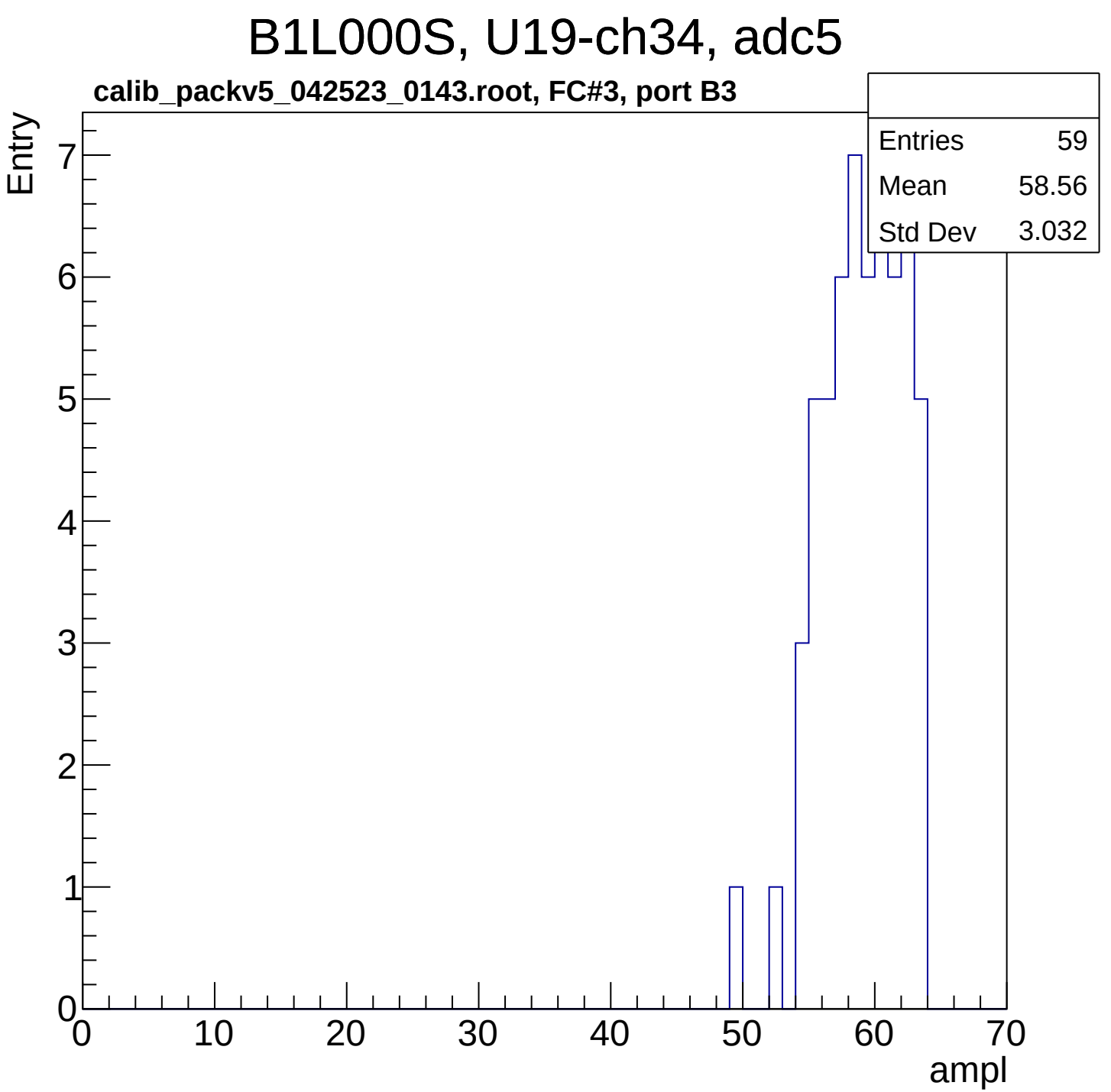
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch34, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 52.31
Std Dev 3.524
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch34, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 58.56
Std Dev 3.032
Entry
ampl
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2
3
4
5
6
7
0
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40
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60
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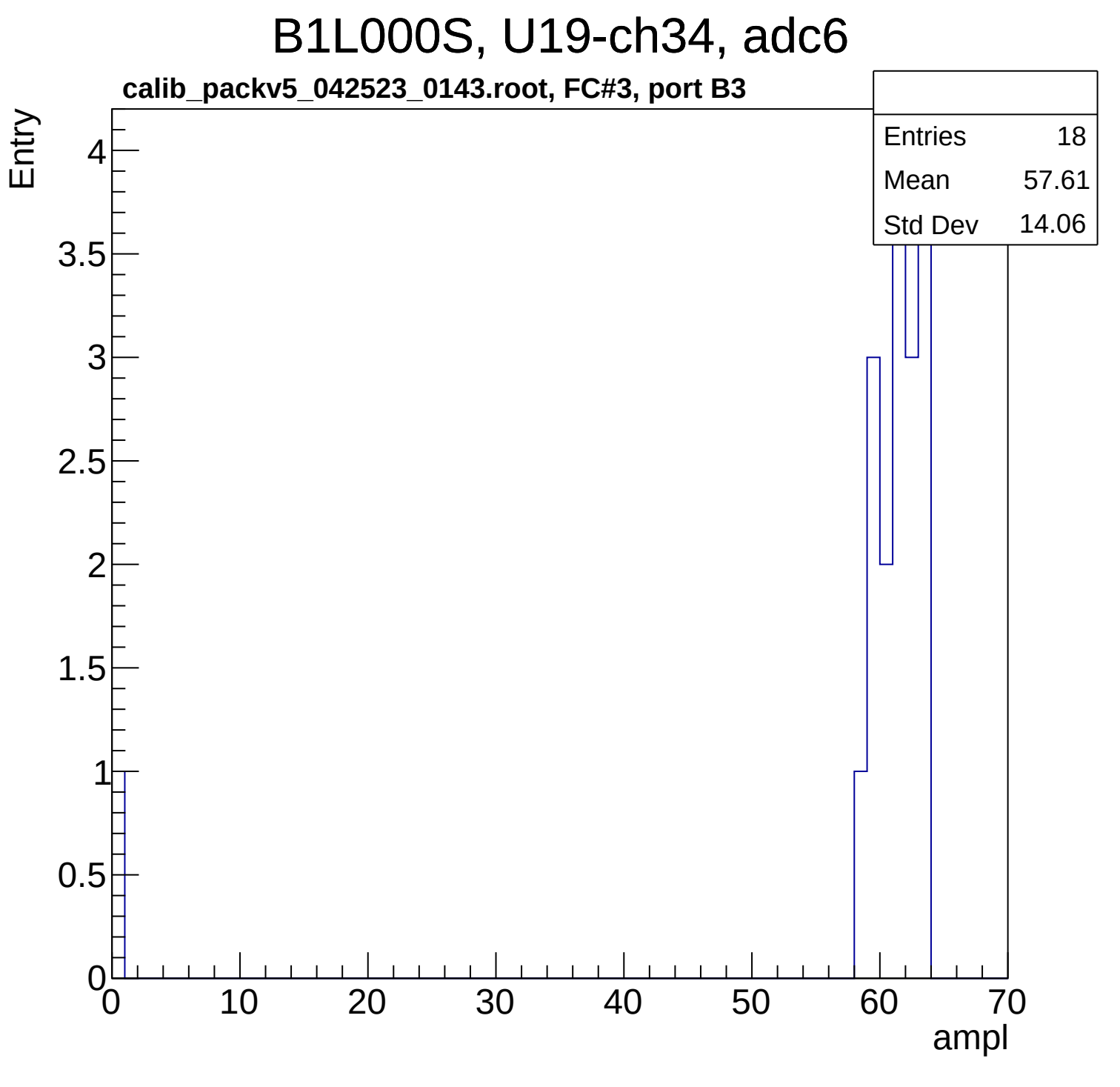
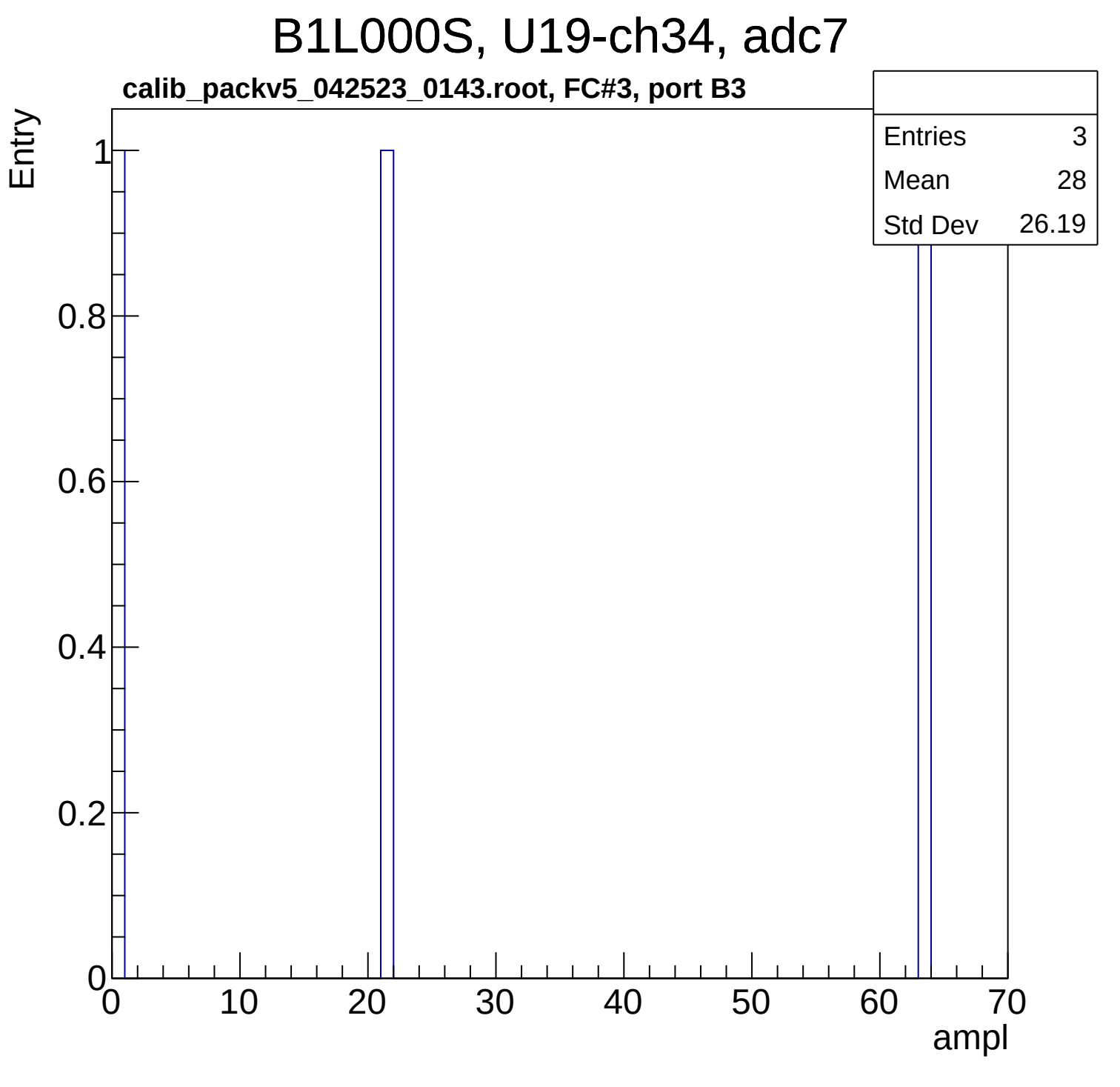

B1L000S, U19-ch34, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 18
Mean 57.61
Std Dev 14.06
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U19-ch34, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 28
Std Dev 26.19
Entry
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0.8
0.6
0.4
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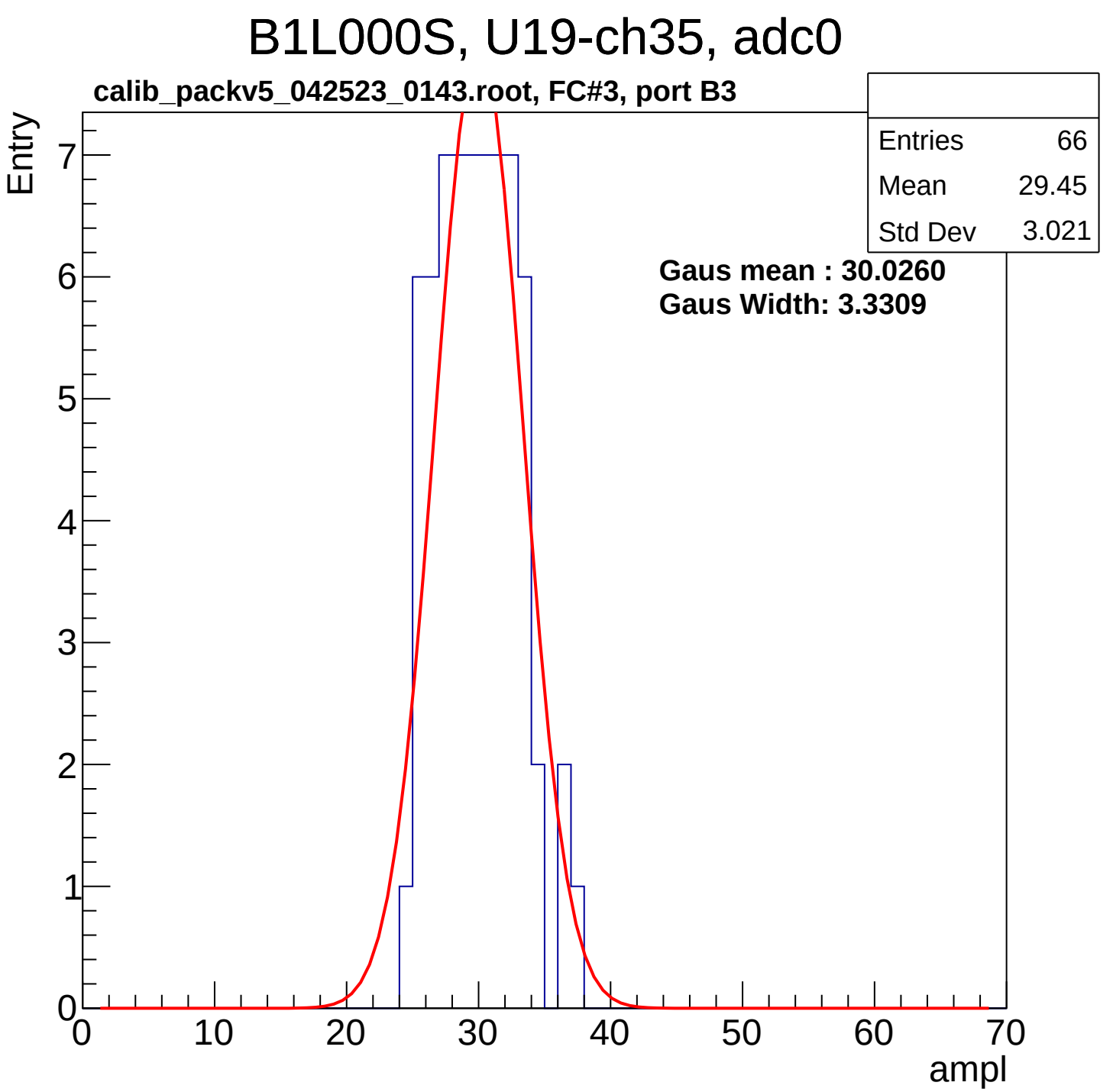
ampl


B1L000S, U19-ch35, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 29.45
Std Dev 3.021
Gaus mean : 30.0260
Gaus Width: 3.3309
Entry
ampl
0
1
2
3
4
5
6
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0
10
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60
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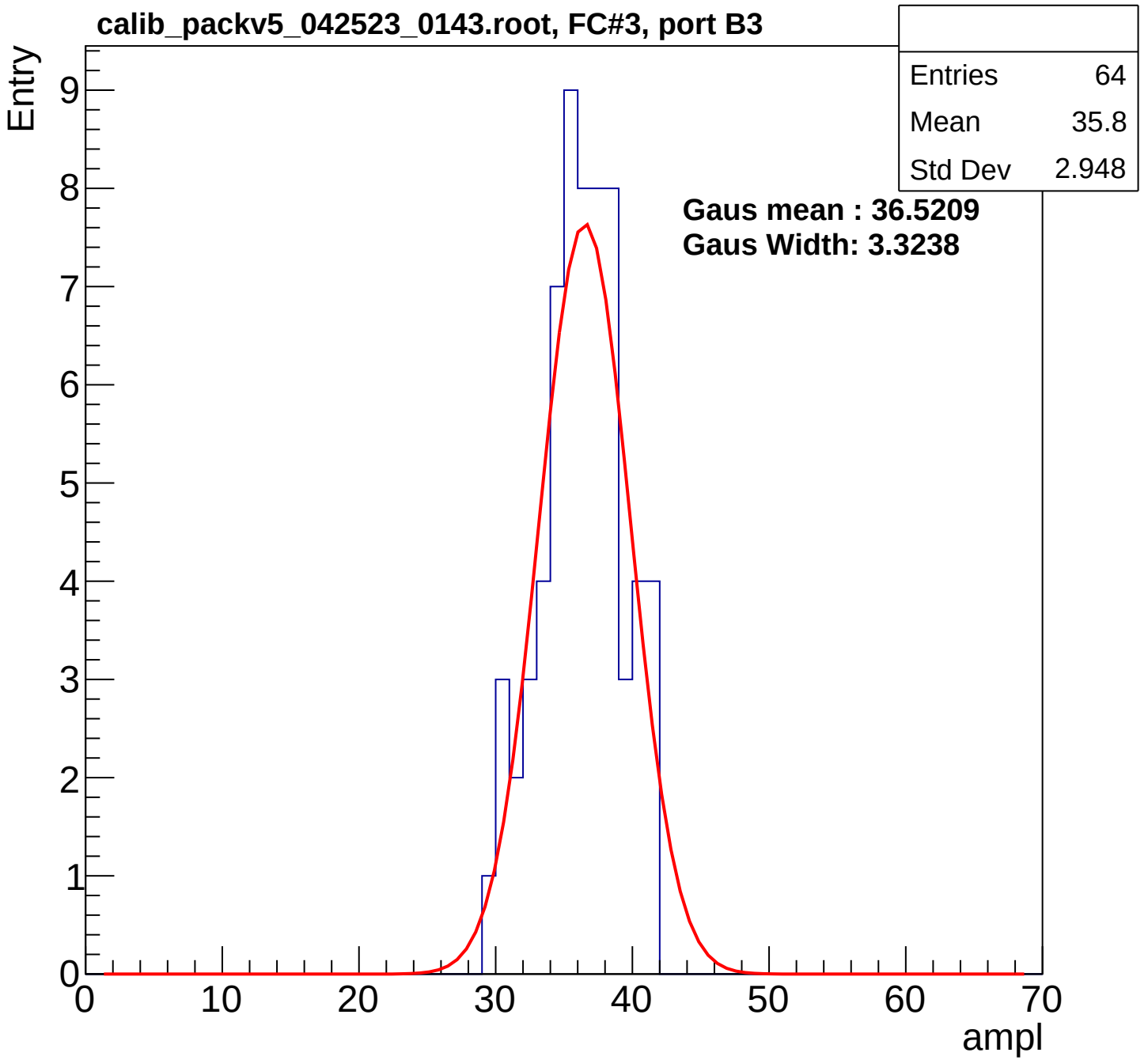
B1L000S, U19-ch35, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 35.8
Std Dev 2.948
Gaus mean : 36.5209
Gaus Width: 3.3238
Entry
ampl
0
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2
3
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5
6
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0
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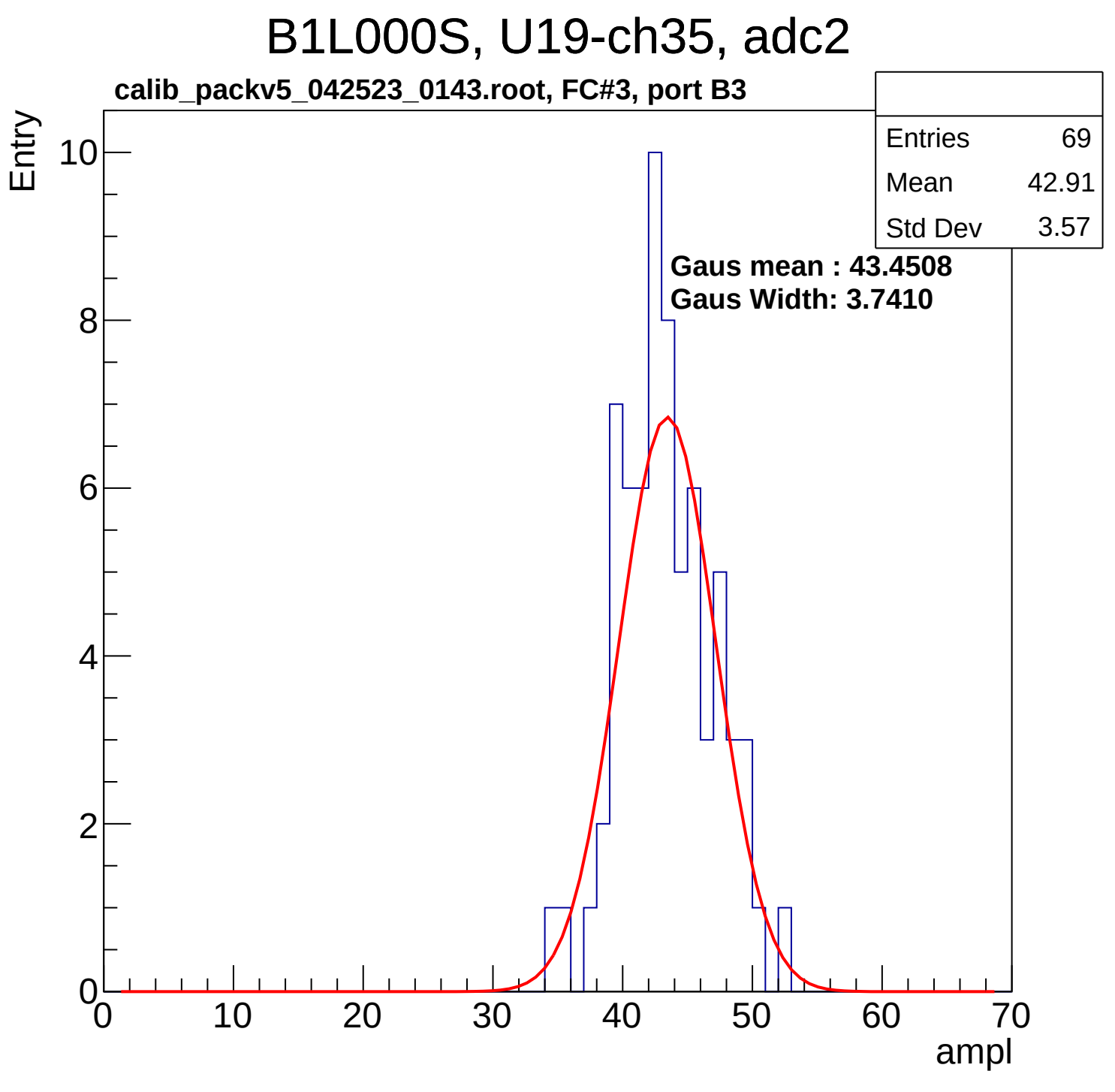
B1L000S, U19-ch35, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 42.91
Std Dev 3.57
Gaus mean : 43.4508
Gaus Width: 3.7410
Entry
ampl
0
2
4
6
8
10
0
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60
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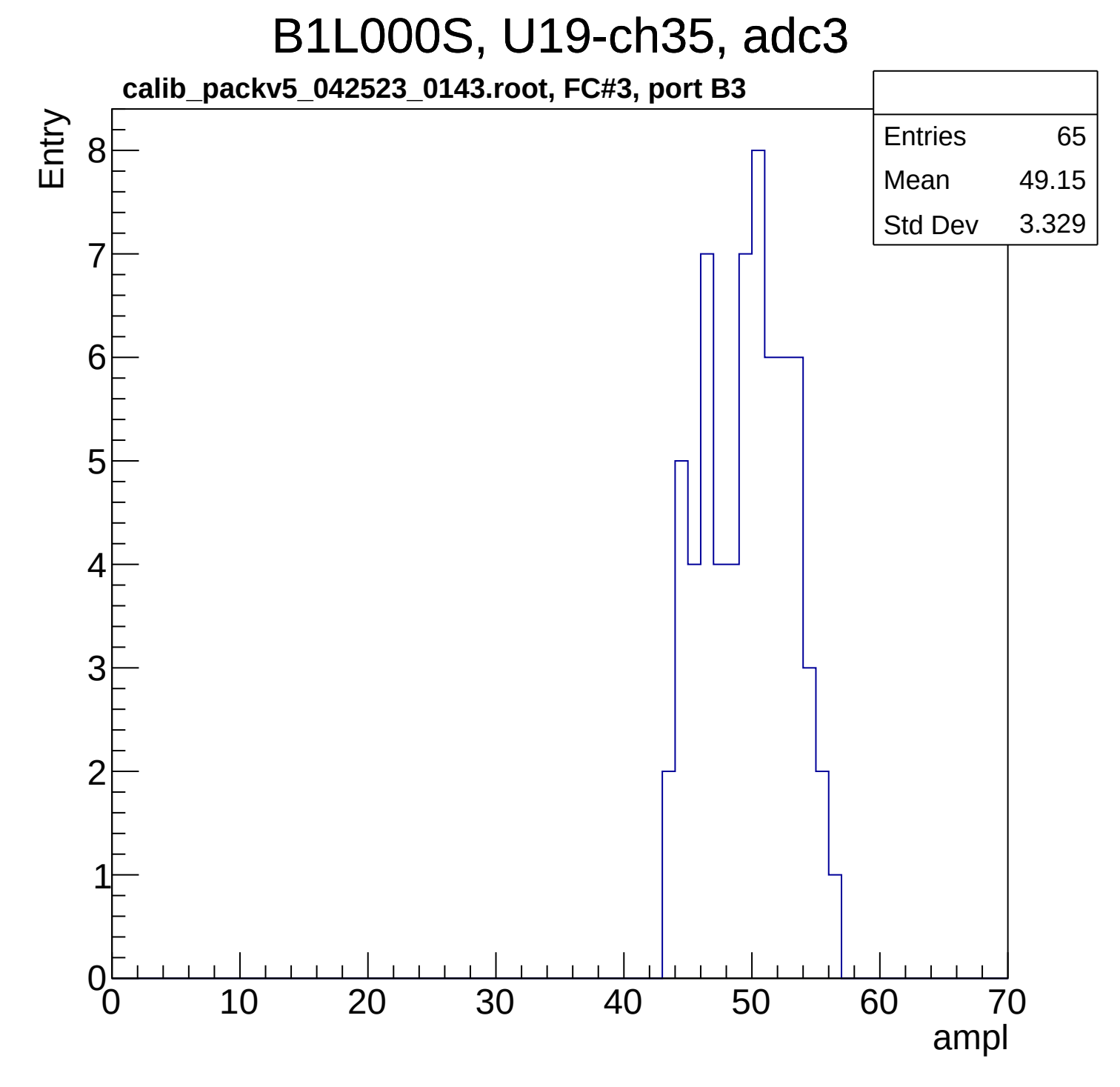
B1L000S, U19-ch35, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 49.15
Std Dev 3.329
Entry
ampl
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1
2
3
4
5
6
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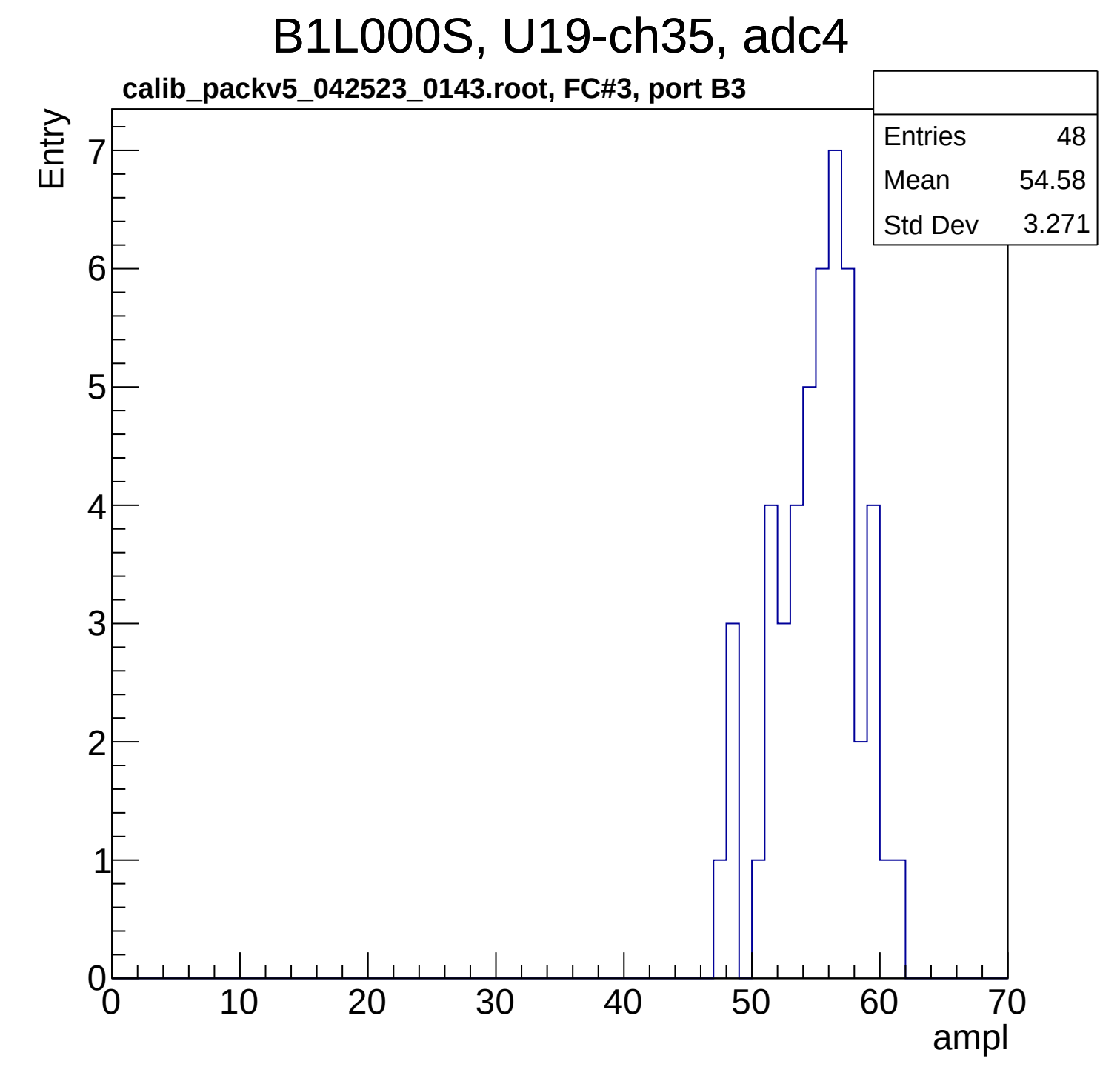
B1L000S, U19-ch35, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 54.58
Std Dev 3.271
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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40
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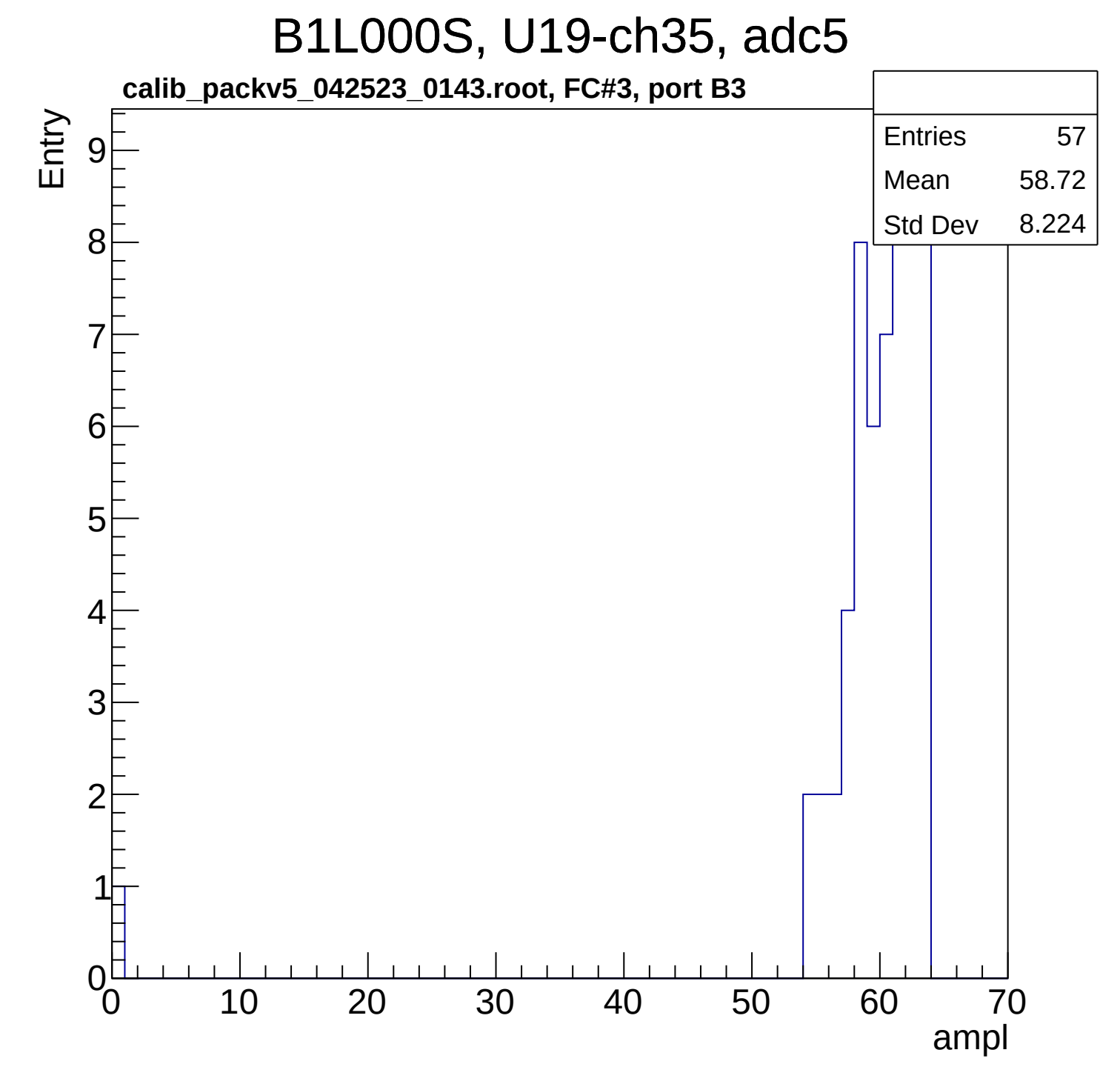
B1L000S, U19-ch35, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 58.72
Std Dev 8.224
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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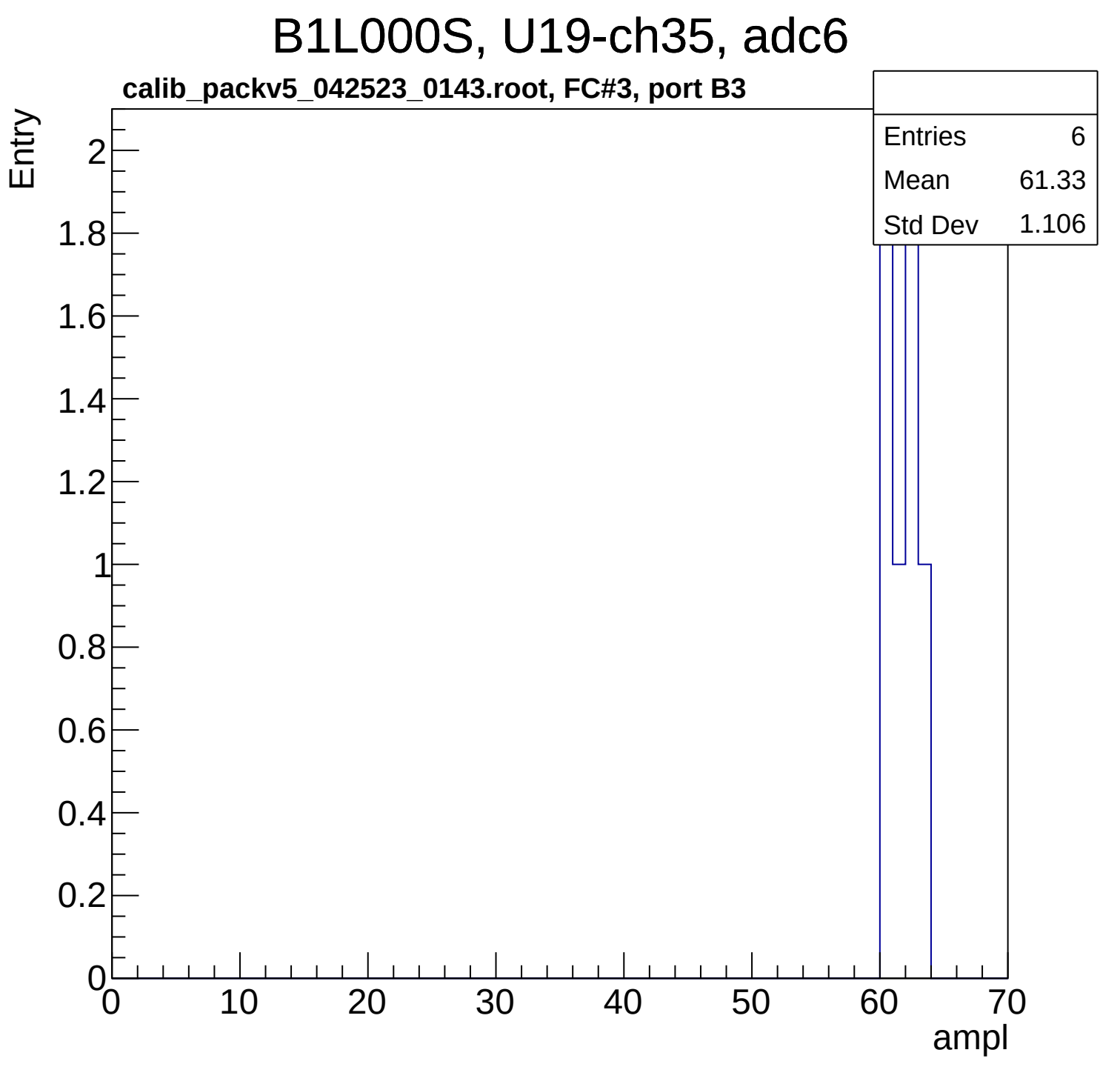
B1L000S, U19-ch35, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 61.33
Std Dev 1.106
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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20
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40
50
60
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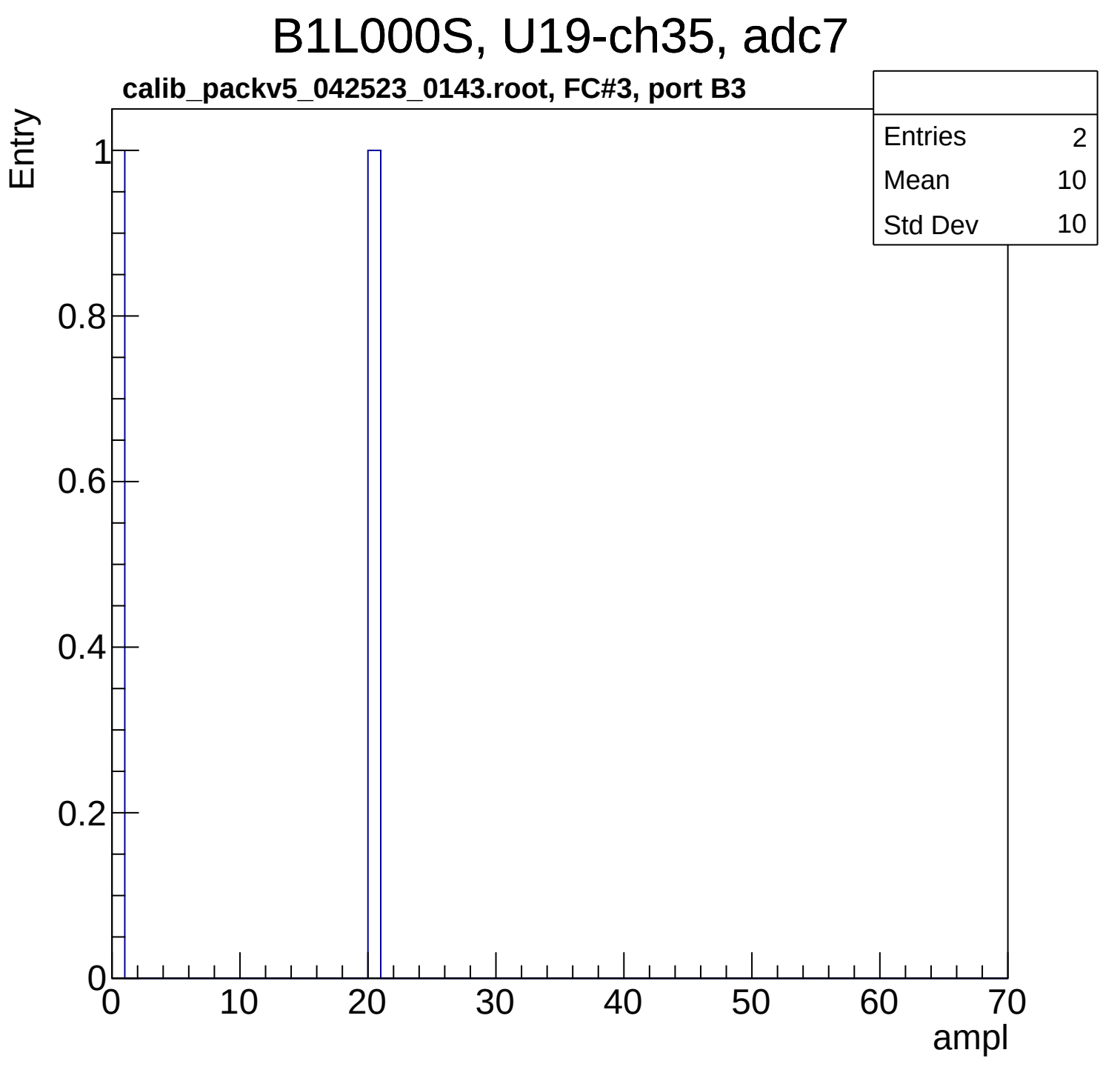
B1L000S, U19-ch35, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 10
Std Dev 10
Entry
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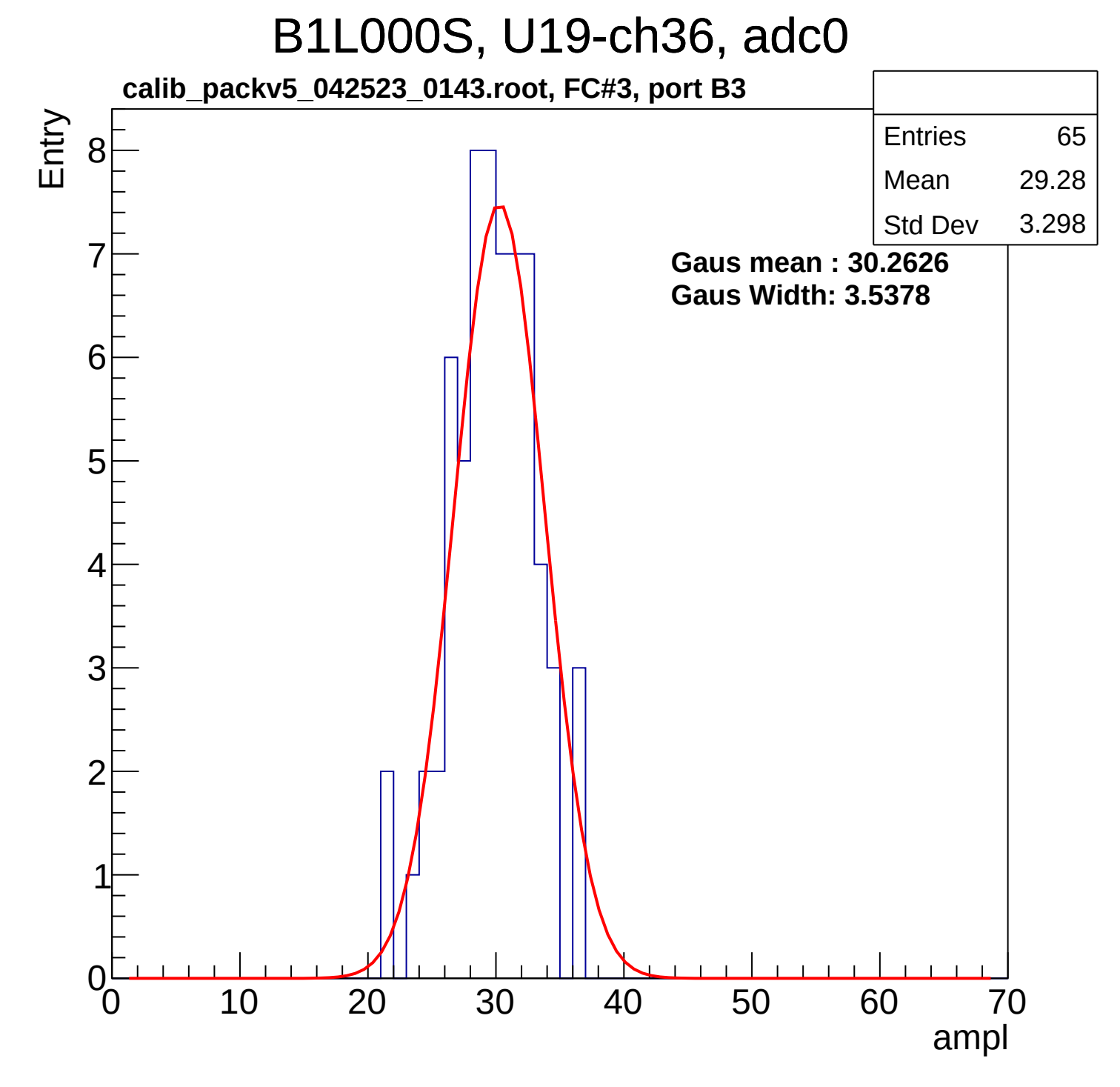
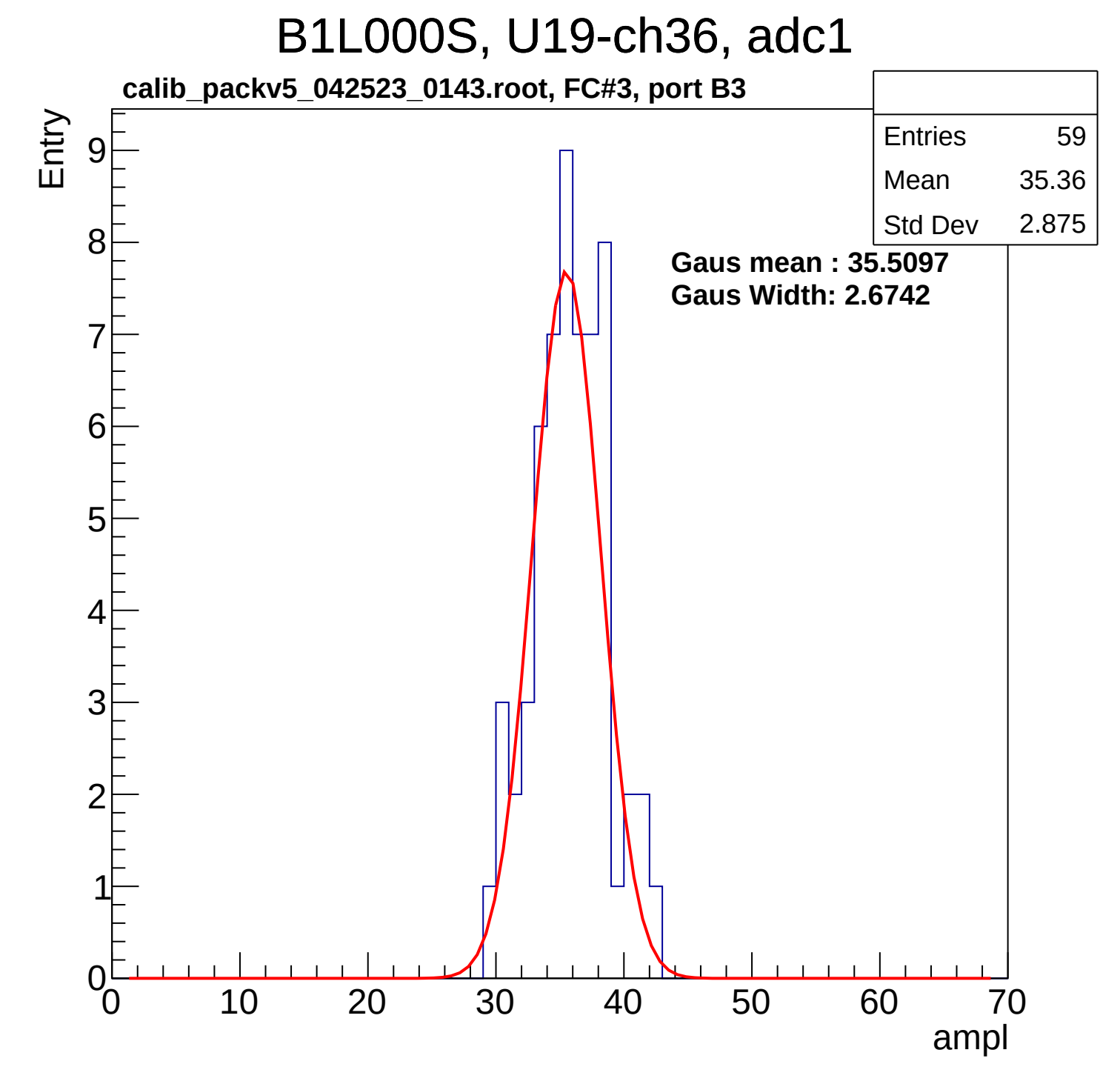
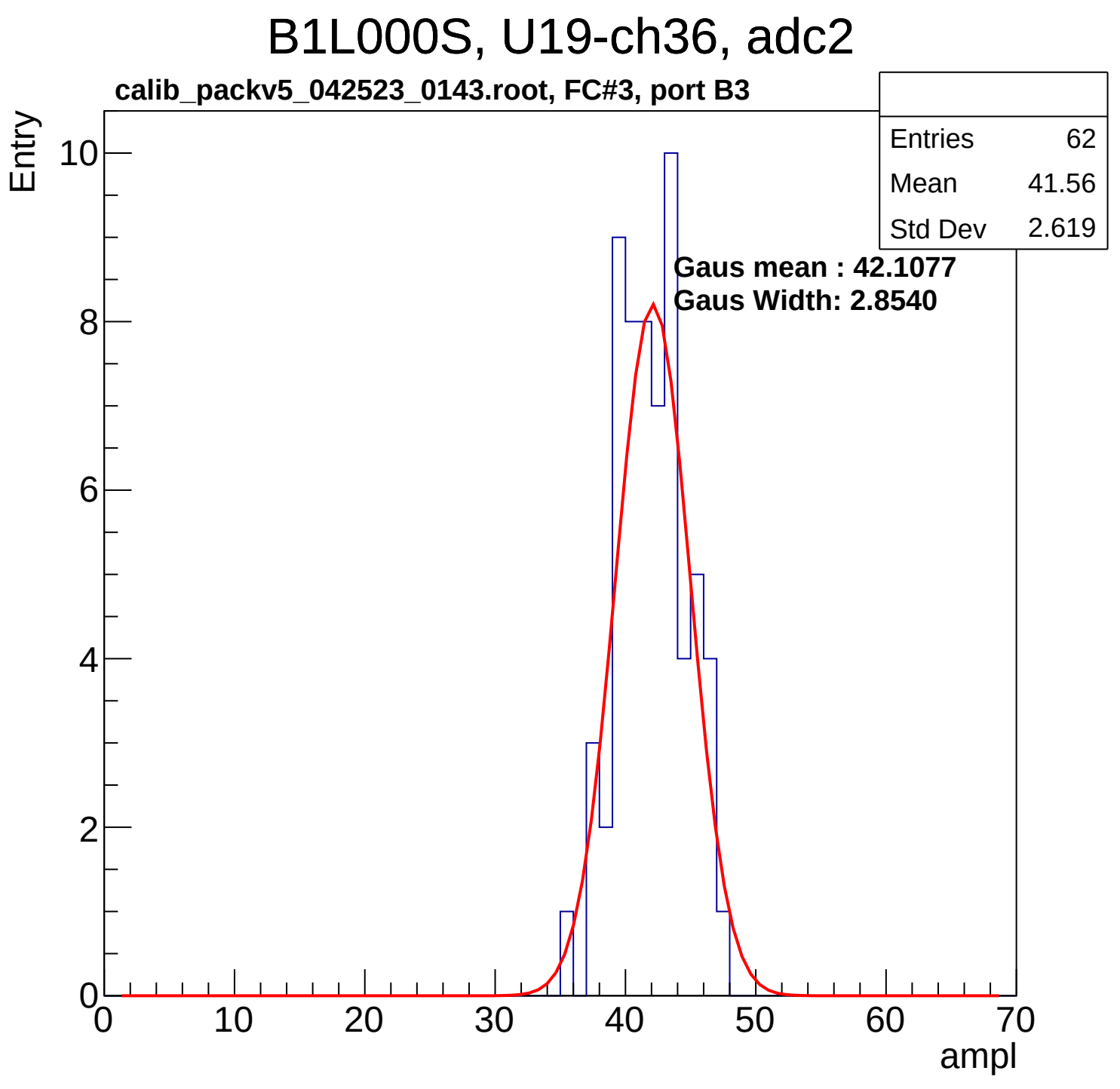
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch36, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 29.28
Std Dev 3.298
Gaus mean : 30.2626
Gaus Width: 3.5378
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch36, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 35.36
Std Dev 2.875
Gaus mean : 35.5097
Gaus Width: 2.6742
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U19-ch36, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 41.56
Std Dev 2.619
Gaus mean : 42.1077
Gaus Width: 2.8540
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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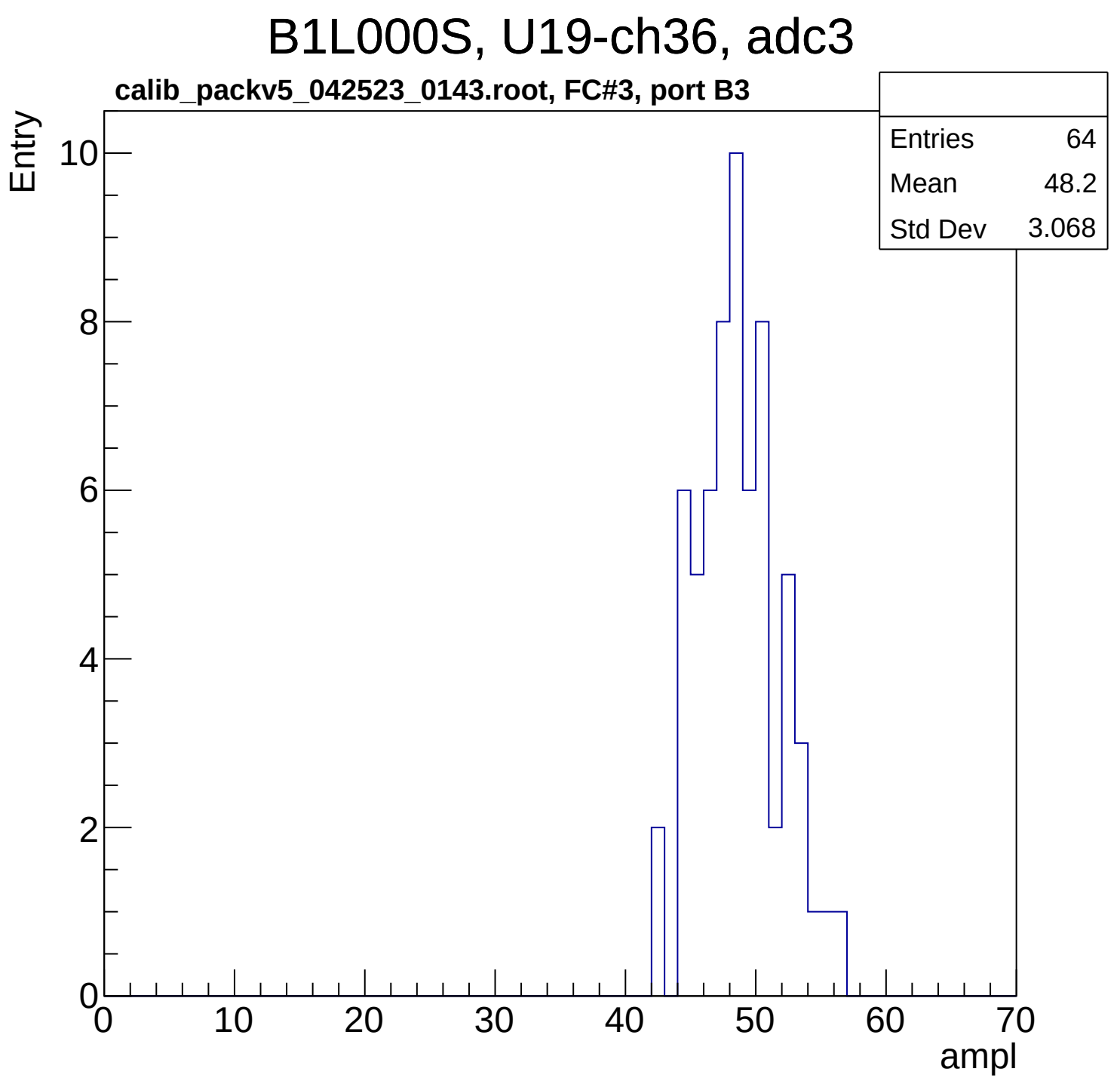
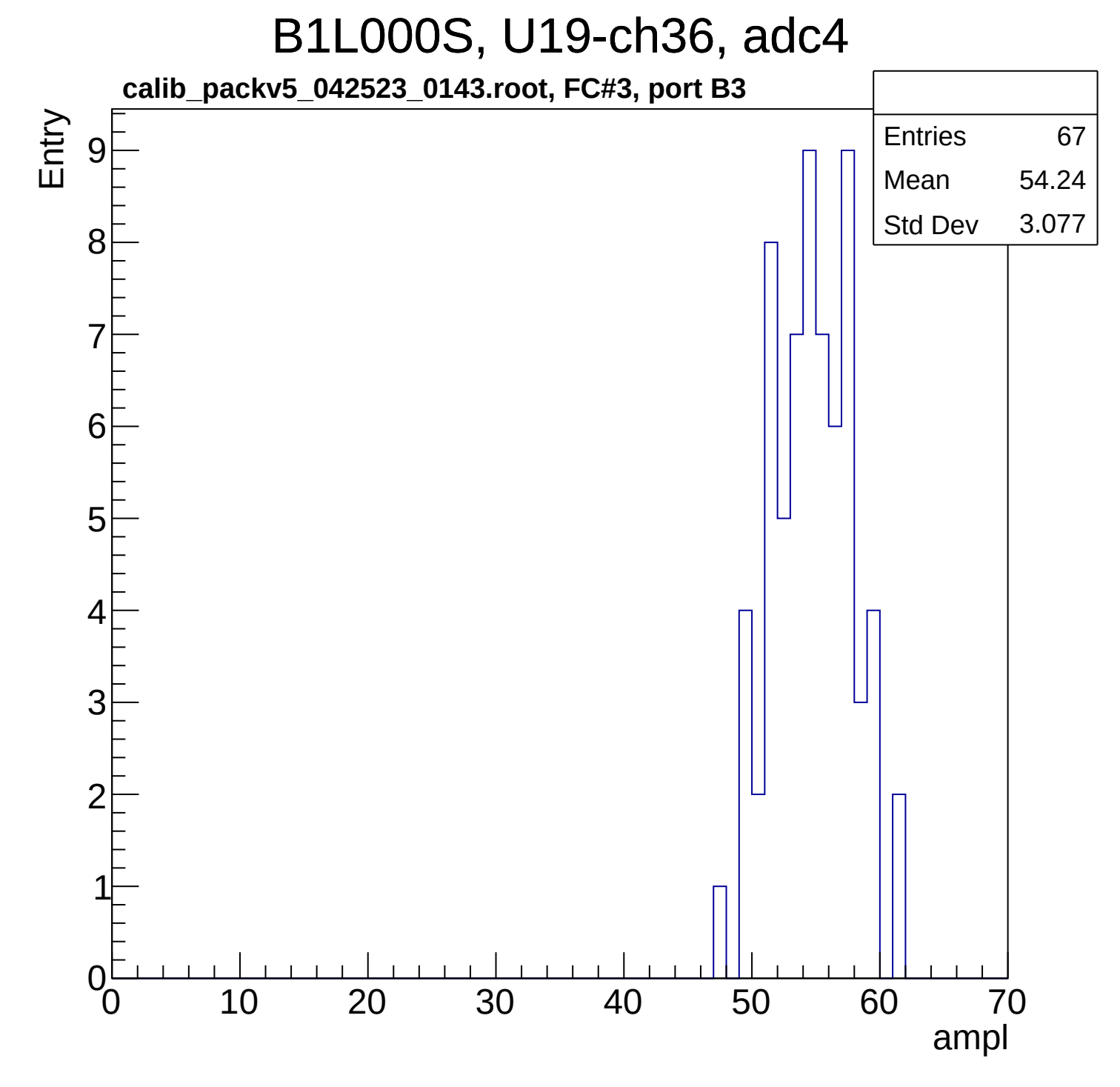
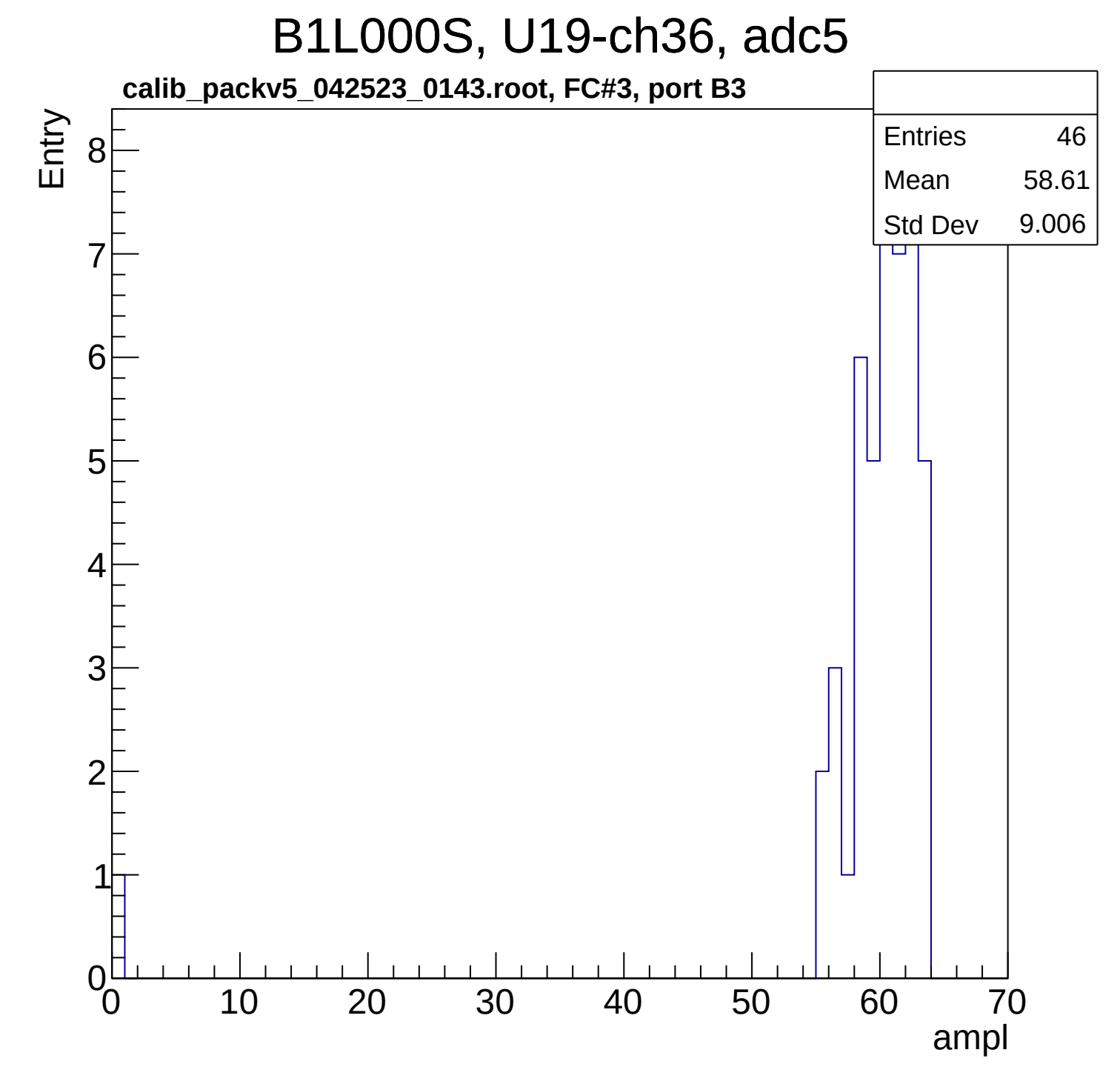

B1L000S, U19-ch36, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 48.2
Std Dev 3.068
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch36, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 54.24
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, U19-ch36, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 58.61
Std Dev 9.006
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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60
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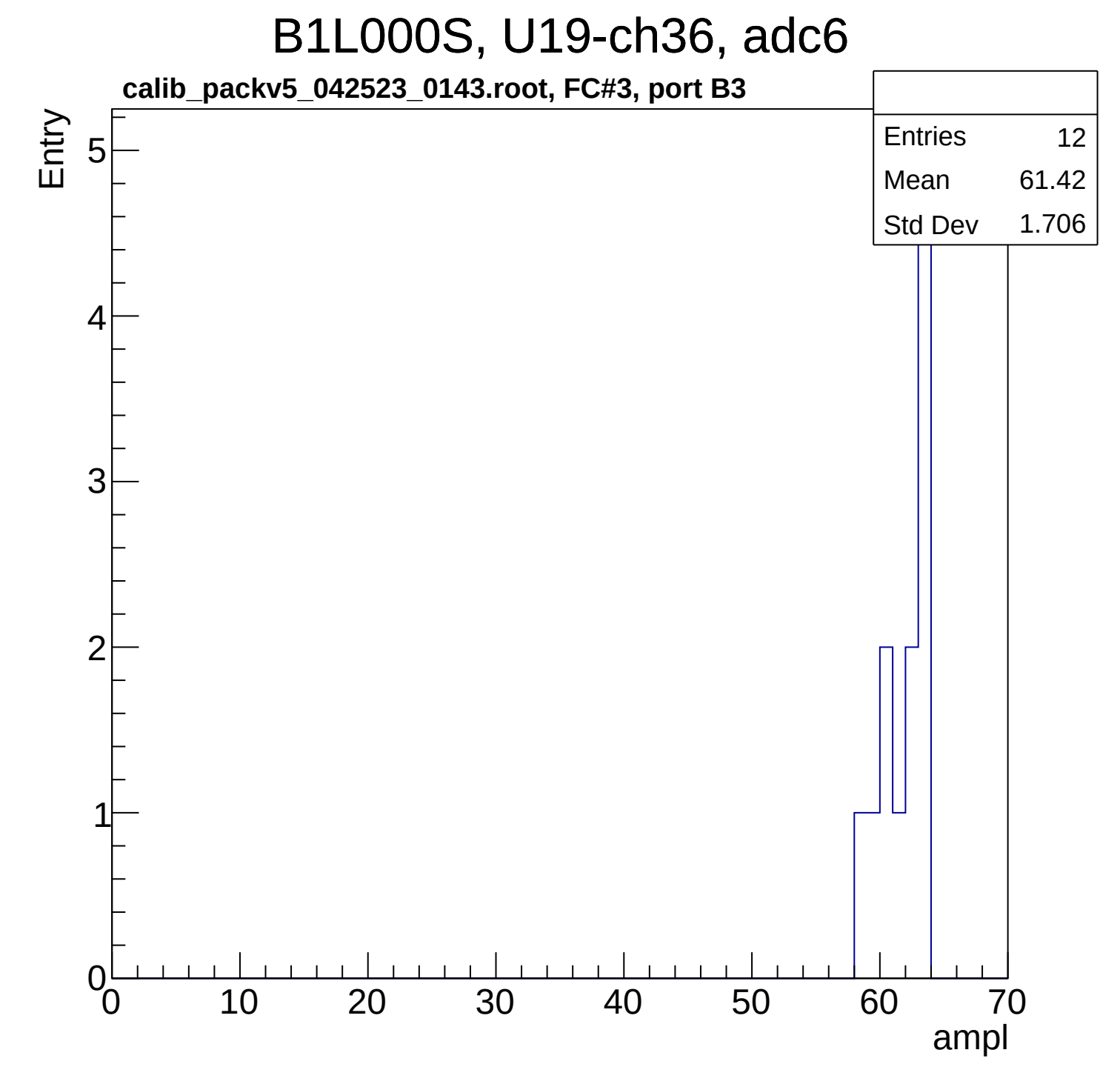
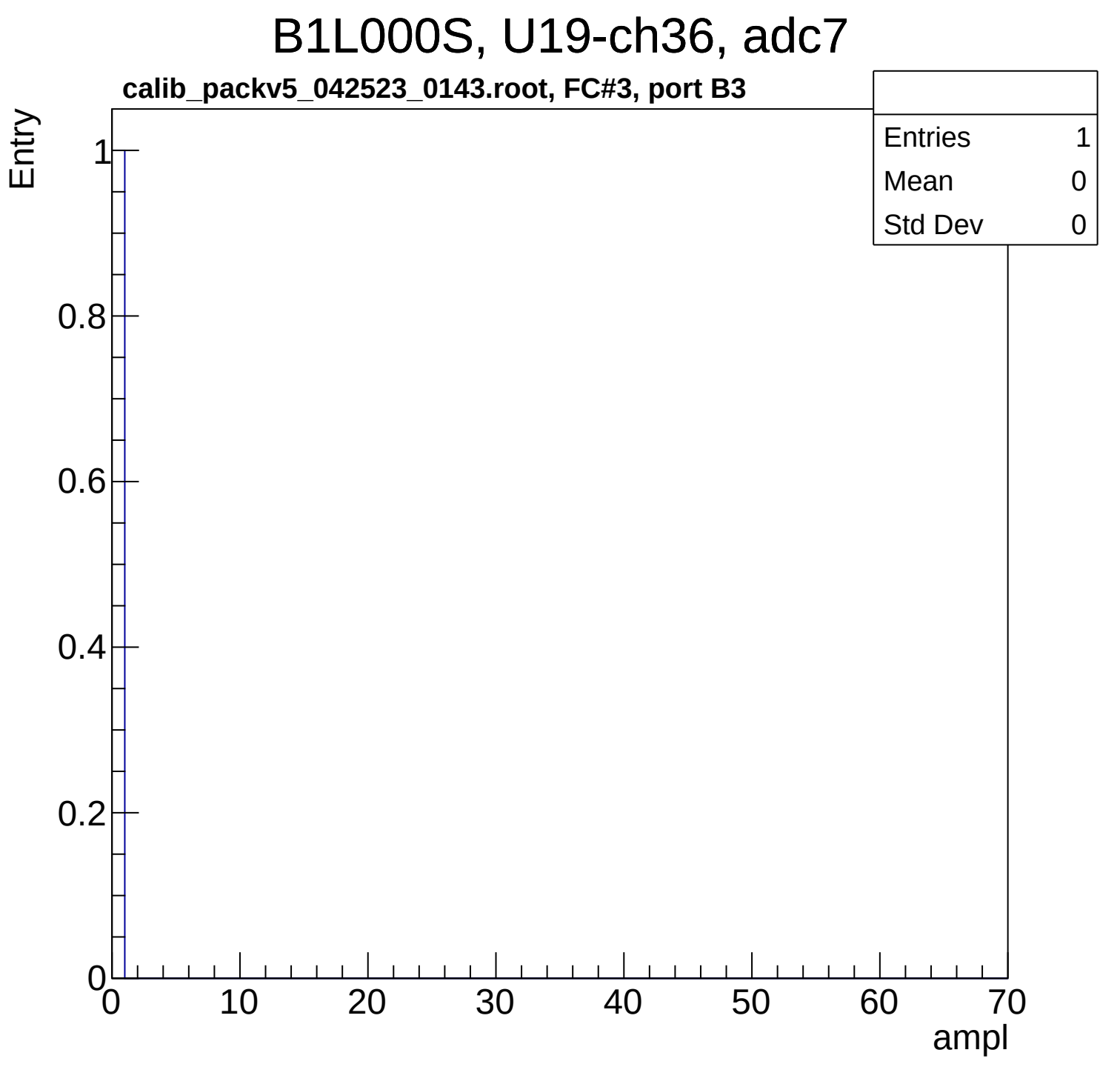
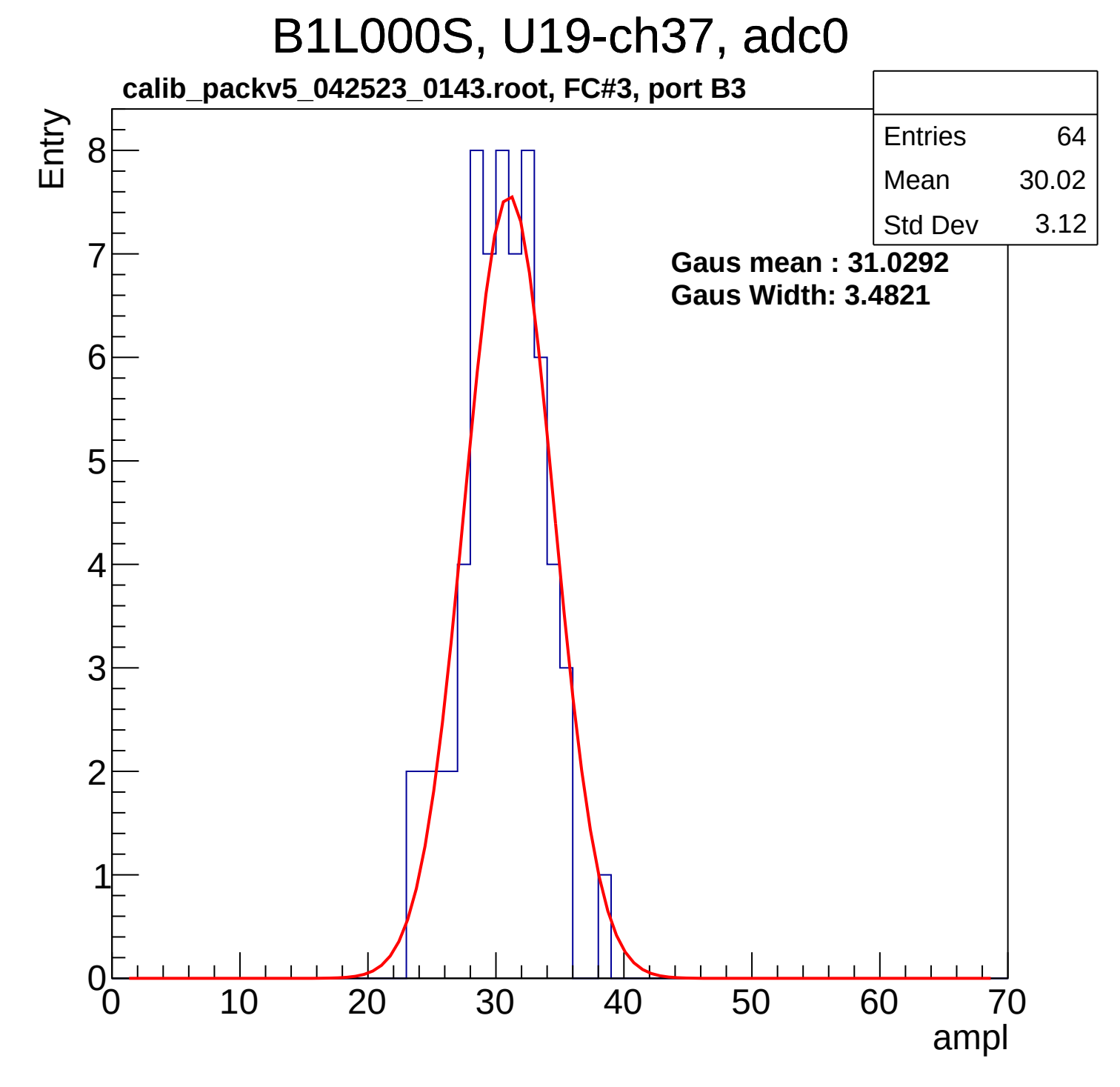

B1L000S, U19-ch36, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 61.42
Std Dev 1.706
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch36, 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, U19-ch37, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 30.02
Std Dev 3.12
Gaus mean : 31.0292
Gaus Width: 3.4821
Entry
ampl
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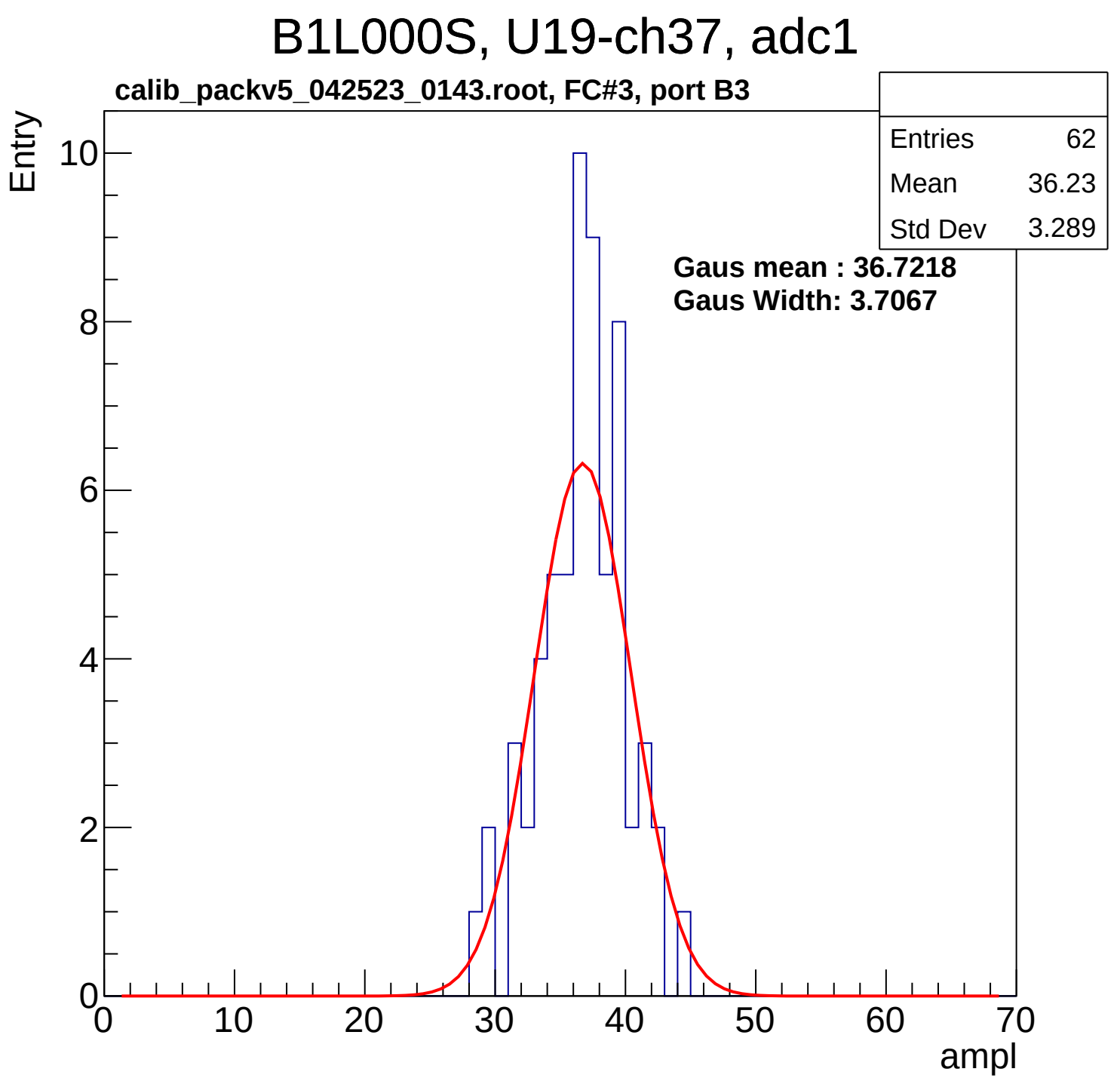
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch37, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 36.23
Std Dev 3.289
Gaus mean : 36.7218
Gaus Width: 3.7067
Entry
ampl
0
2
4
6
8
10
0
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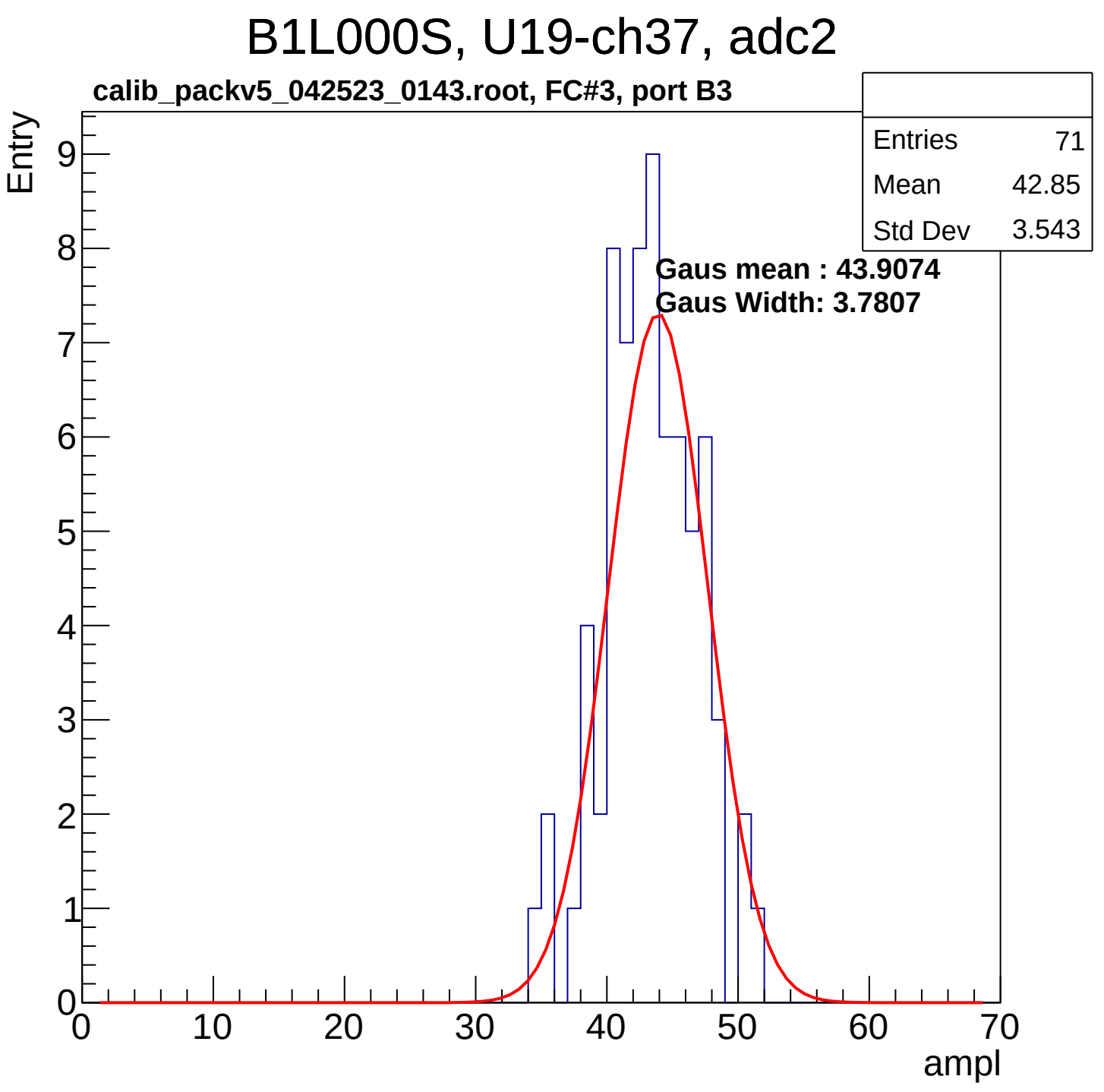
20
30
40
50
60
70


B1L000S, U19-ch37, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 42.85
Std Dev 3.543
Gaus mean : 43.9074
Gaus Width: 3.7807
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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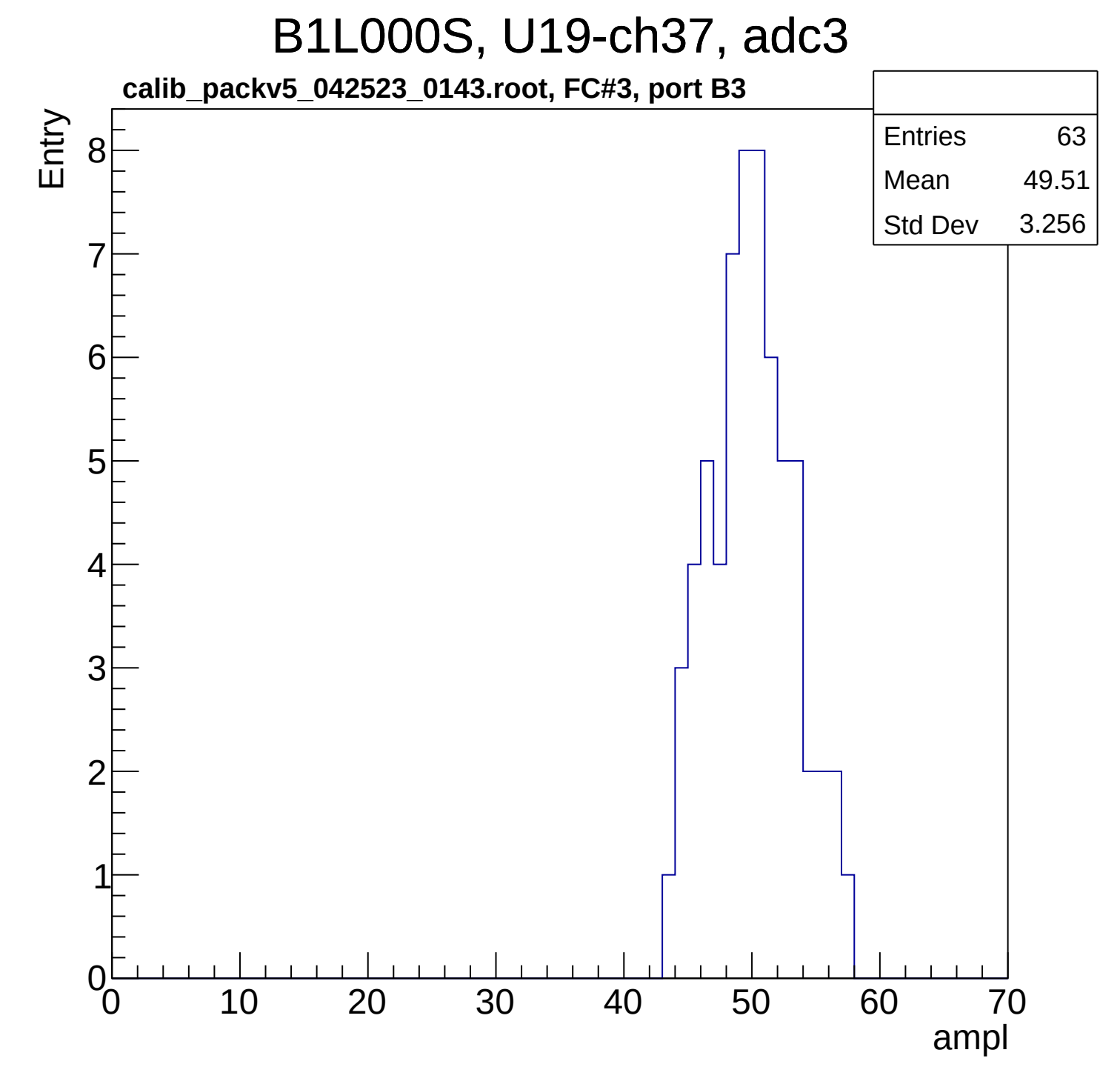
B1L000S, U19-ch37, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 49.51
Std Dev 3.256
Entry
ampl
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3
4
5
6
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0
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60
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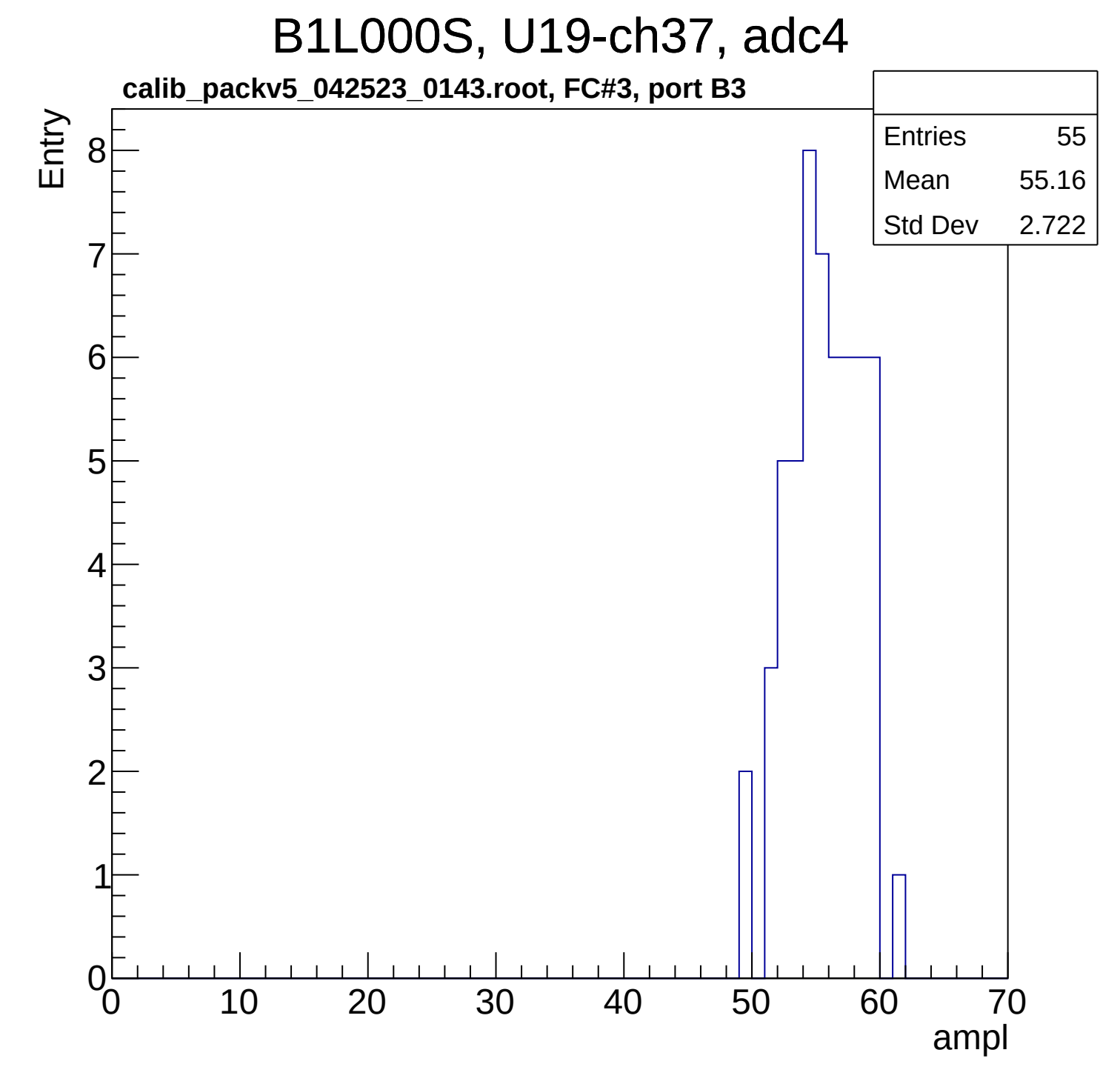
B1L000S, U19-ch37, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 55.16
Std Dev 2.722
Entry
ampl
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60
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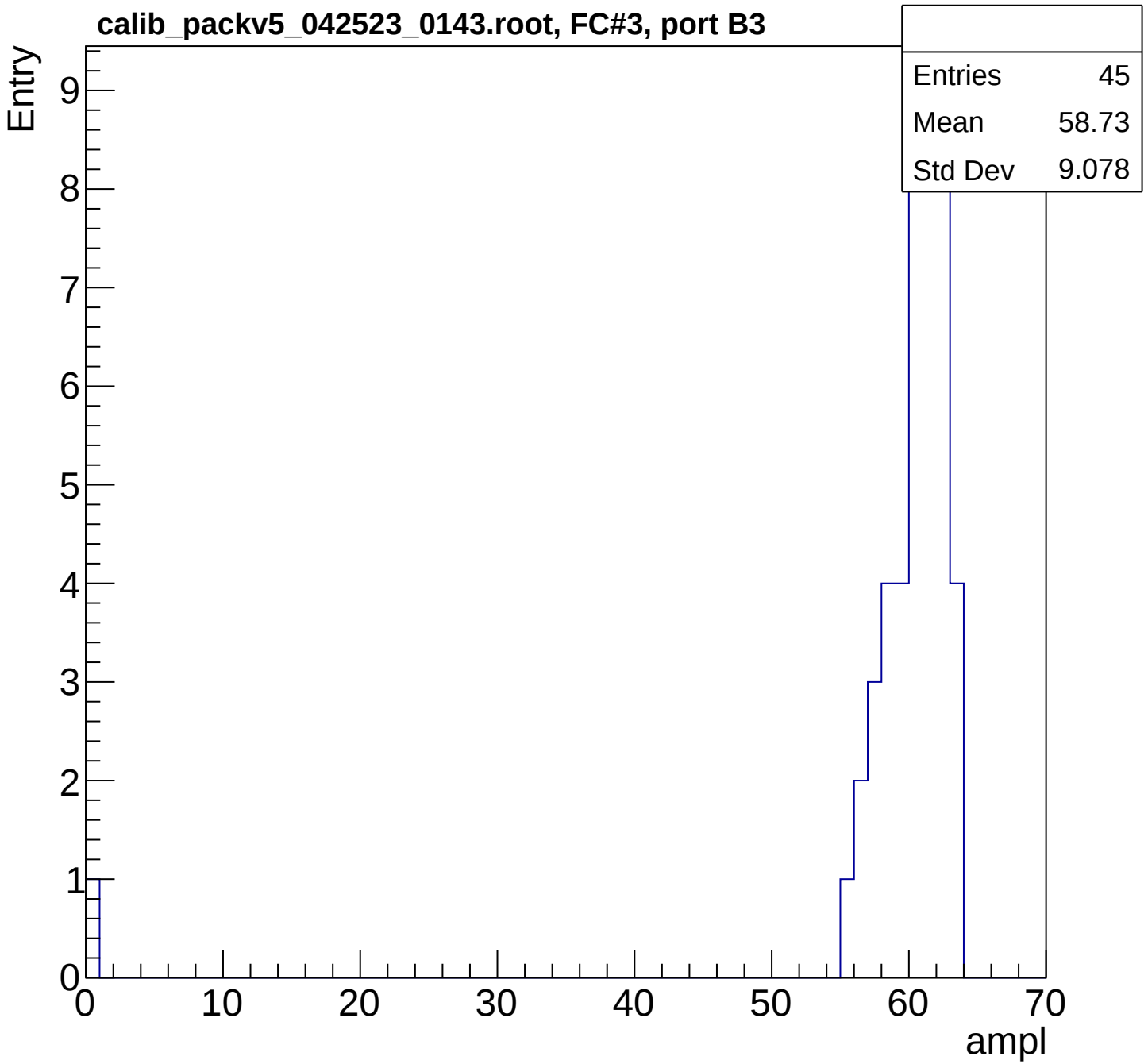
B1L000S, U19-ch37, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 58.73
Std Dev 9.078
Entry
ampl
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3
4
5
6
7
8
9
0
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60
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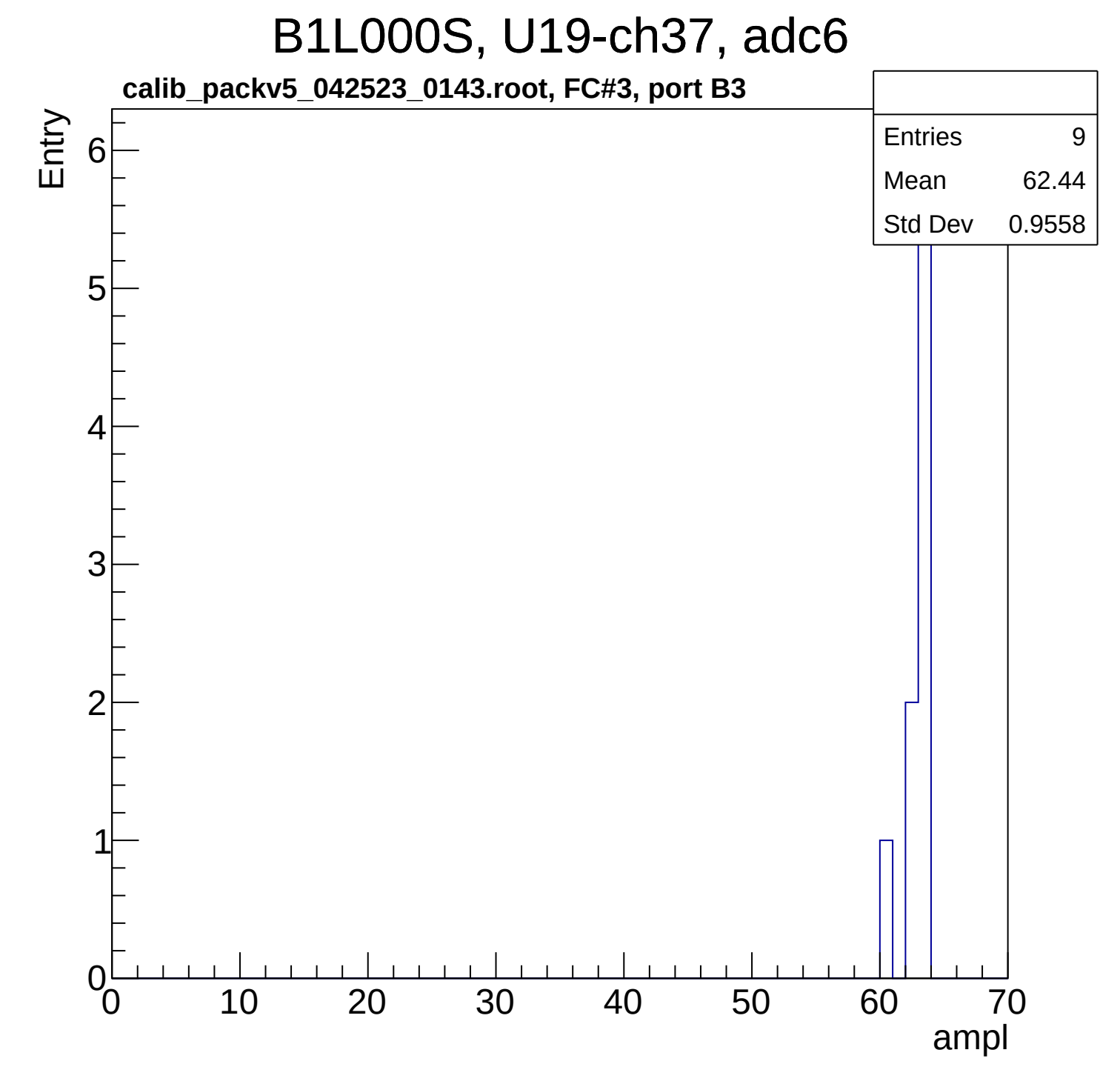
B1L000S, U19-ch37, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 62.44
Std Dev 0.9558
Entry
ampl
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2
3
4
5
6
0
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20
30
40
50
60
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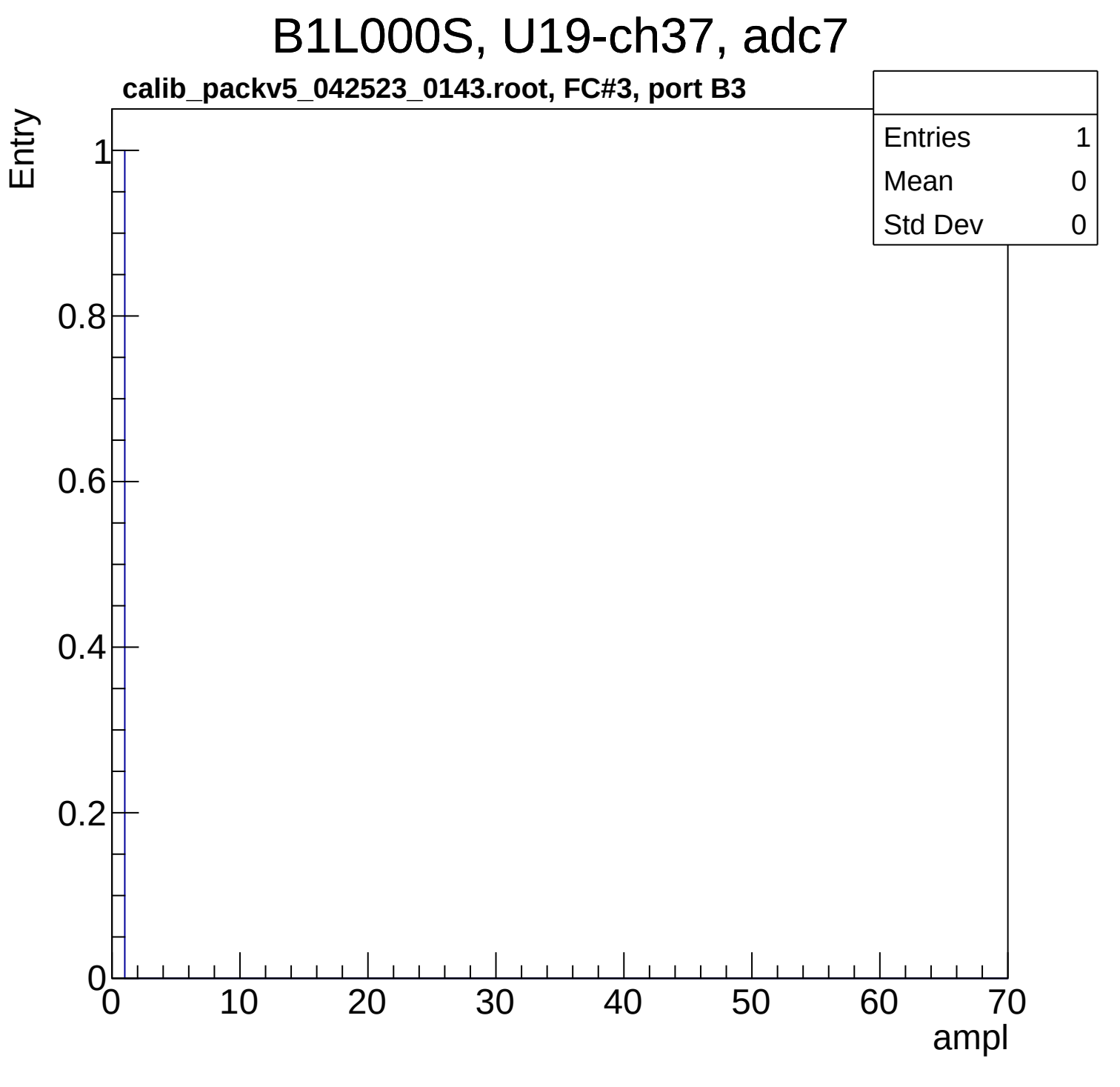
B1L000S, U19-ch37, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
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0
10
20
30
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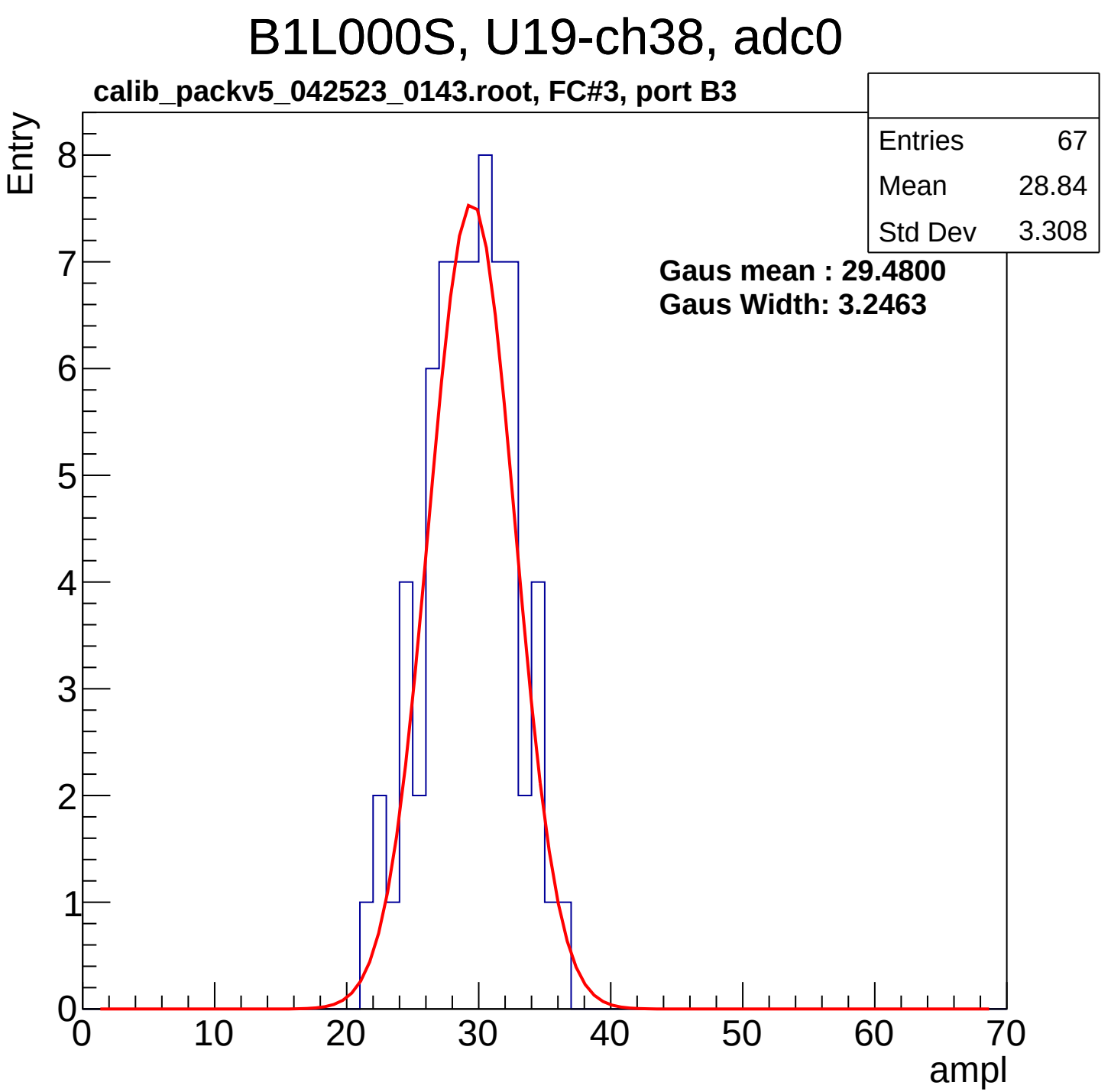
50
60
70
ampl


B1L000S, U19-ch38, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 28.84
Std Dev 3.308
Gaus mean : 29.4800
Gaus Width: 3.2463
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
50
60
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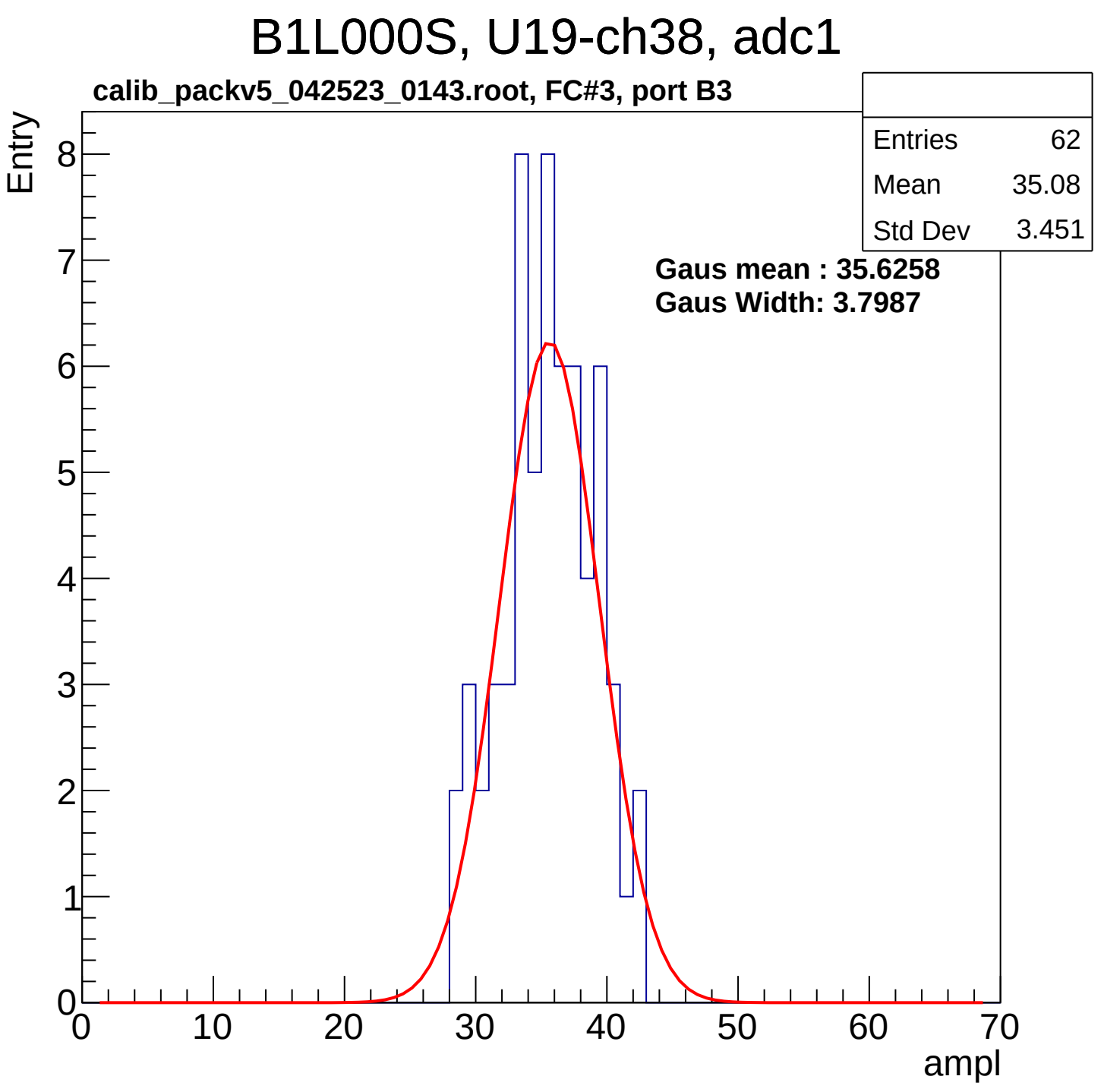
B1L000S, U19-ch38, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 35.08
Std Dev 3.451
Gaus mean : 35.6258
Gaus Width: 3.7987
Entry
ampl
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2
3
4
5
6
7
8
0
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20
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60
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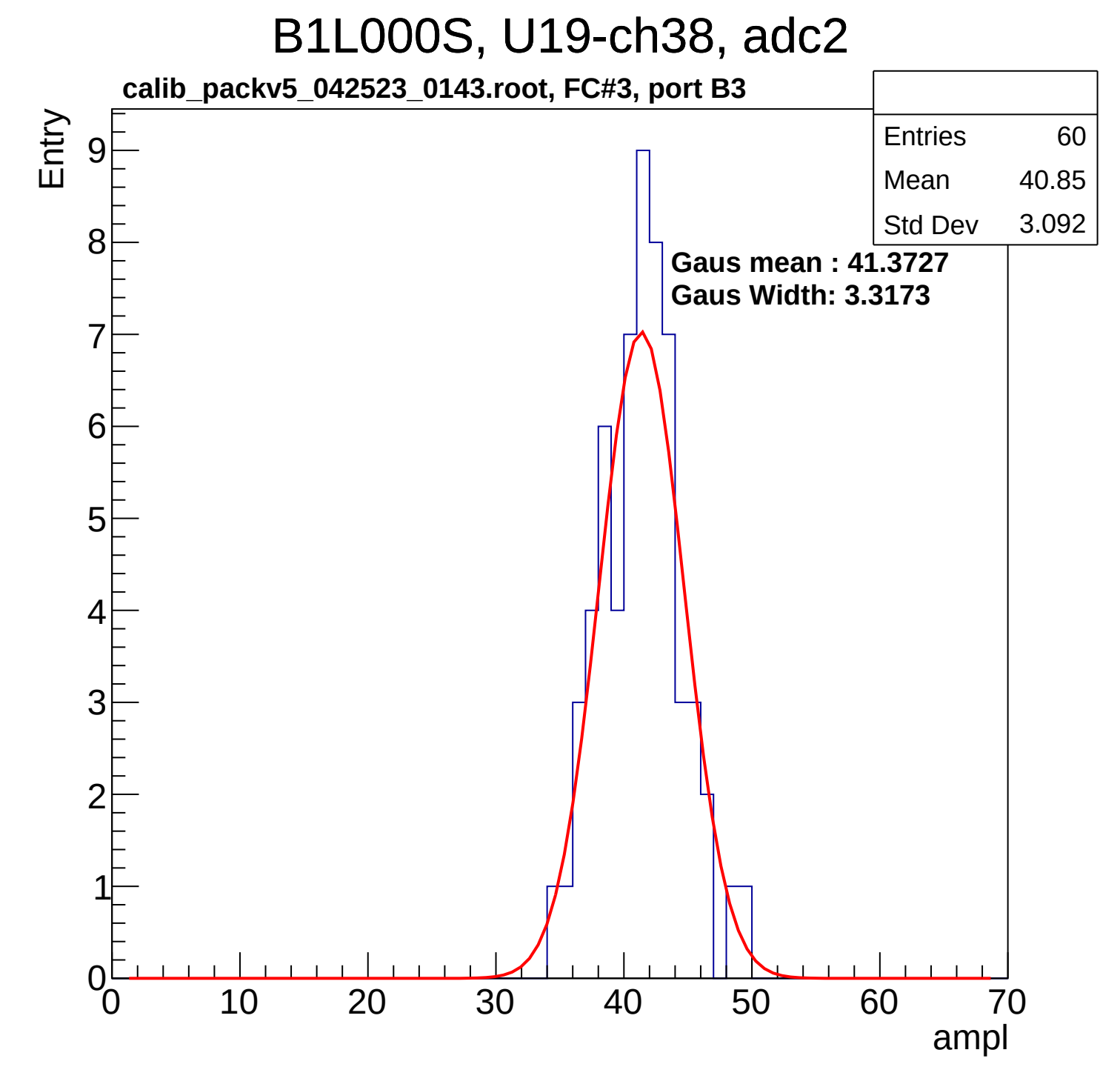
B1L000S, U19-ch38, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 40.85
Std Dev 3.092
Gaus mean : 41.3727
Gaus Width: 3.3173
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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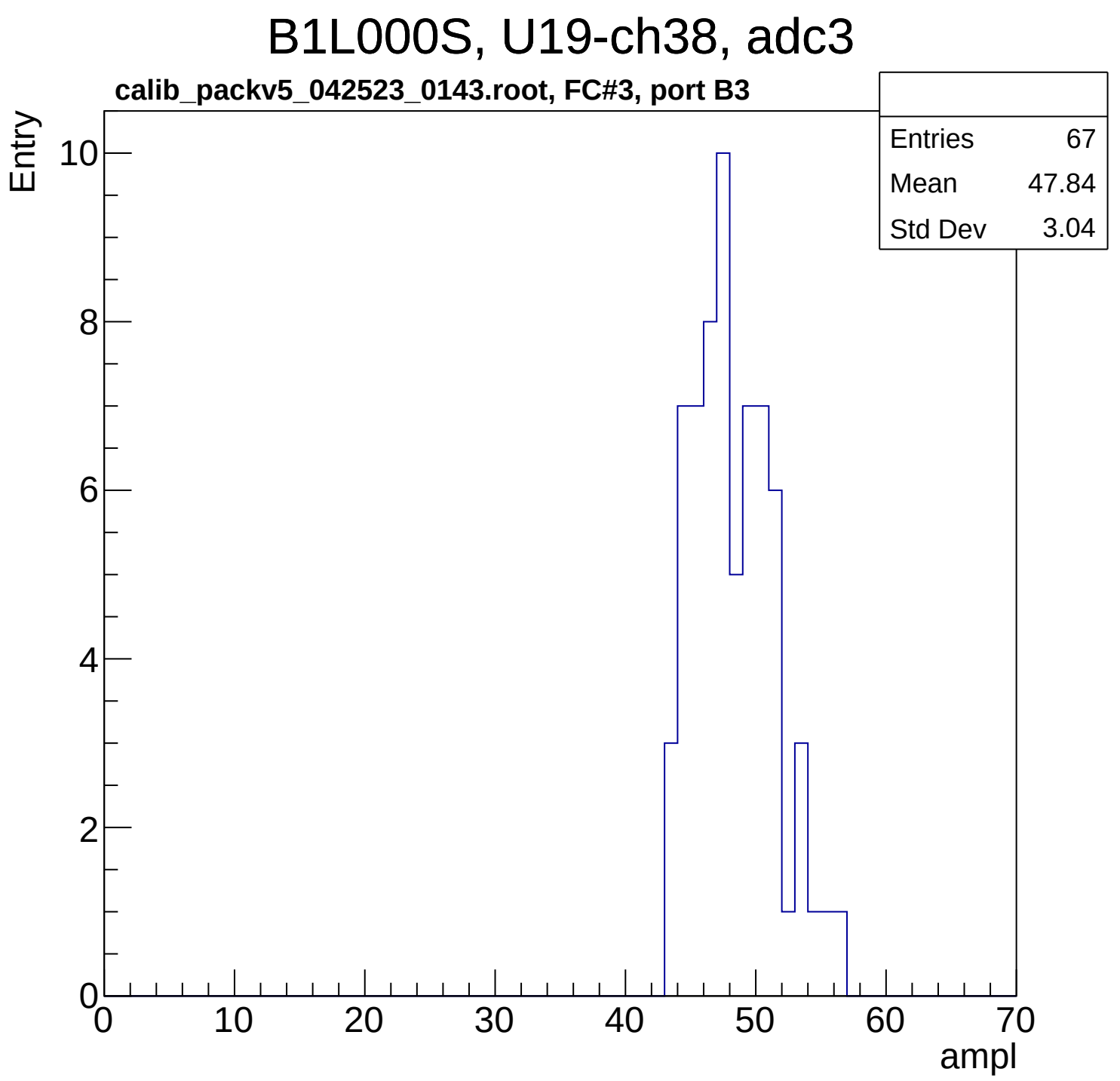
B1L000S, U19-ch38, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 47.84
Std Dev 3.04
Entry
0
2
4
6
8
10
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10
20
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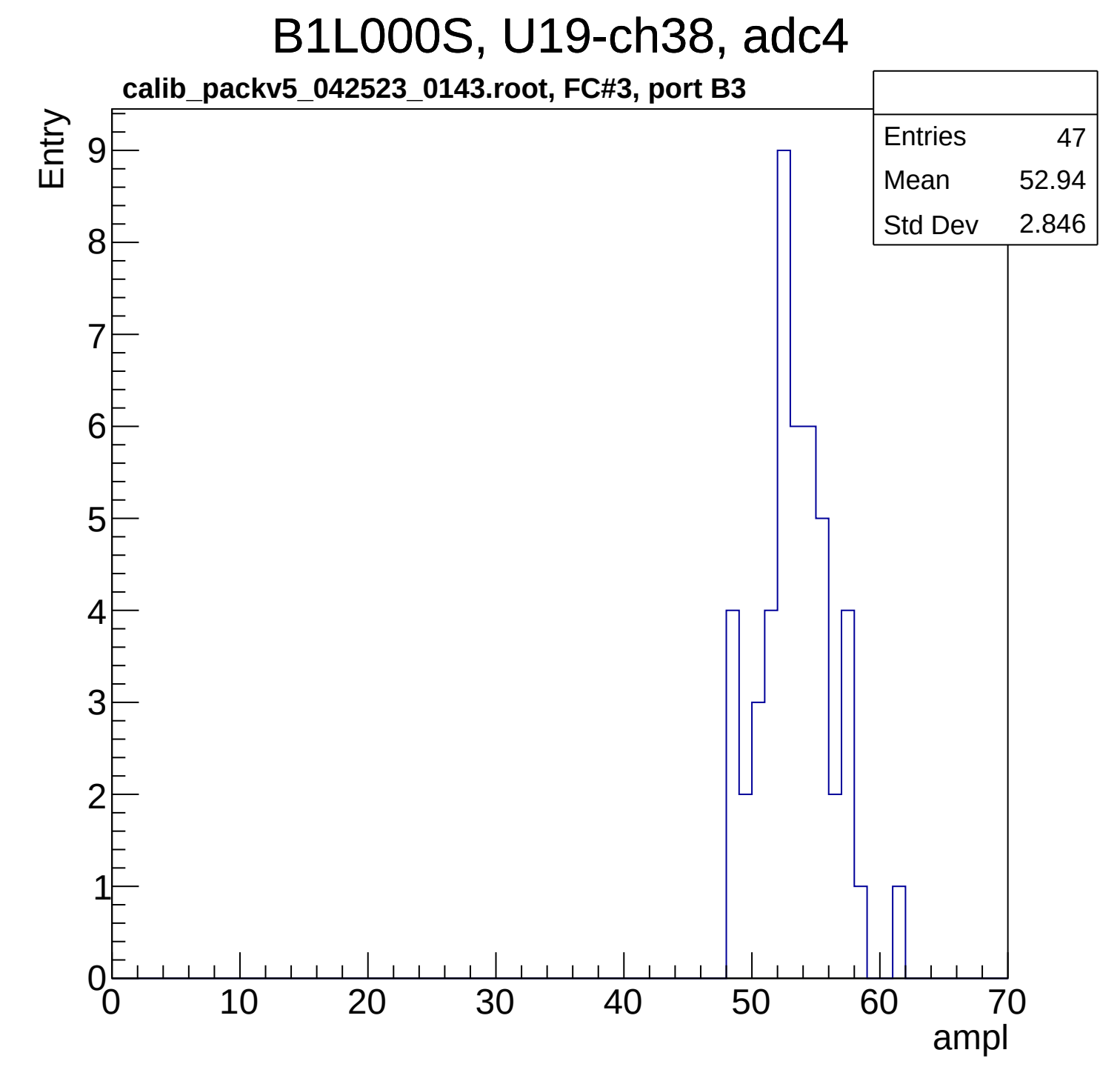
50
60
70
ampl


B1L000S, U19-ch38, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 52.94
Std Dev 2.846
Entry
ampl
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3
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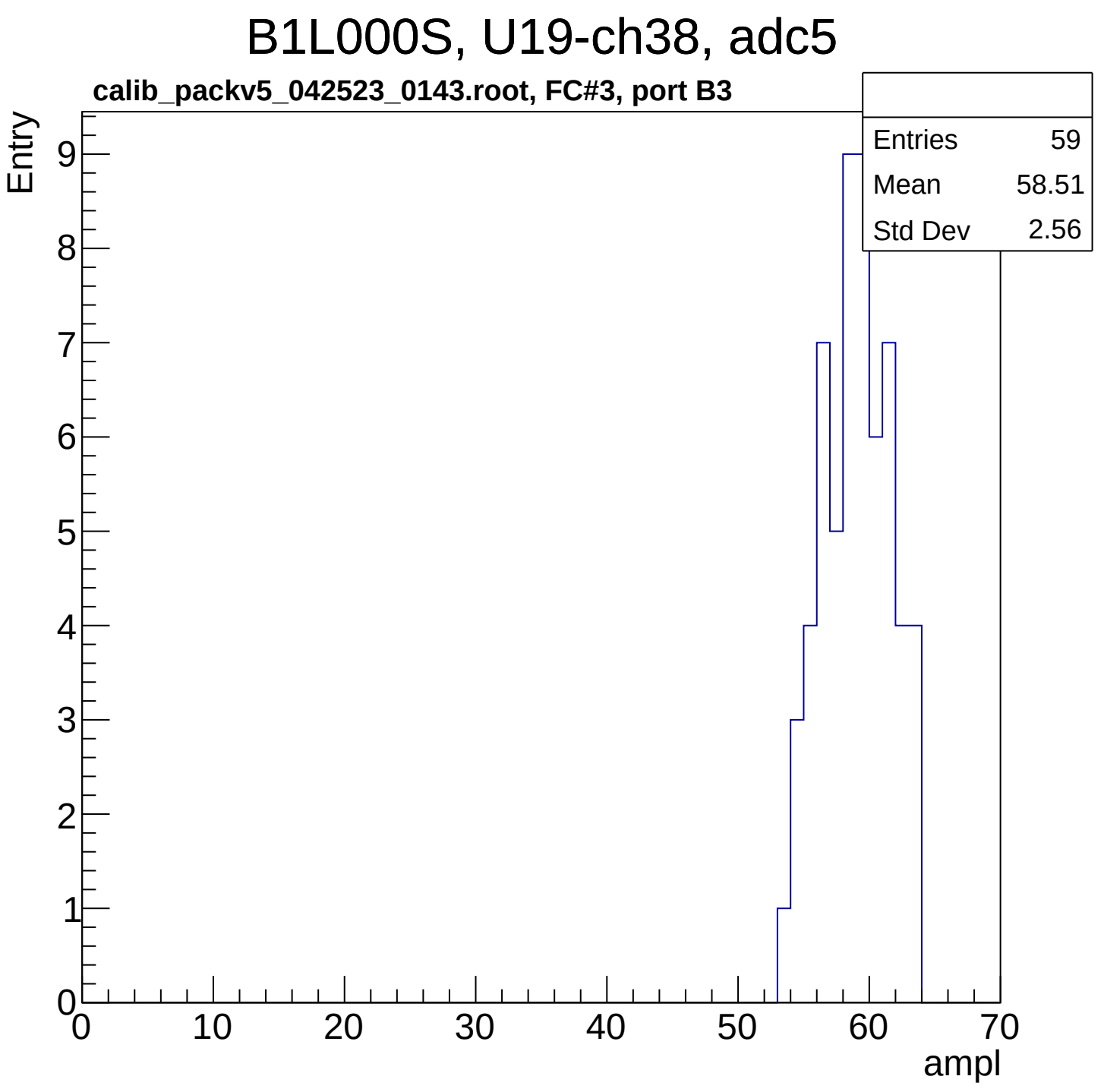
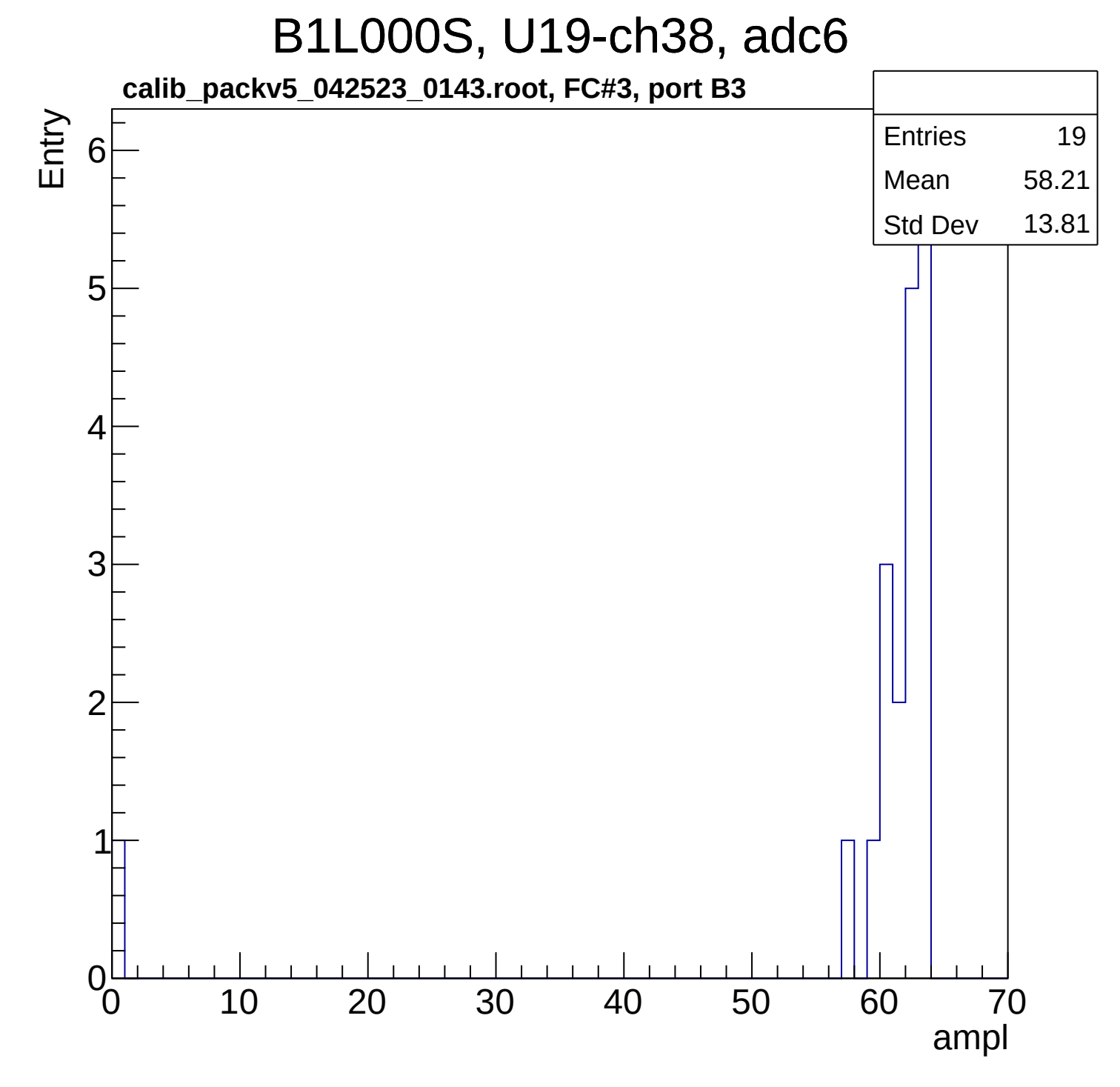

B1L000S, U19-ch38, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 58.51
Std Dev 2.56
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch38, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 19
Mean 58.21
Std Dev 13.81
Entry
0
1
2
3
4
5
6
0
10
20
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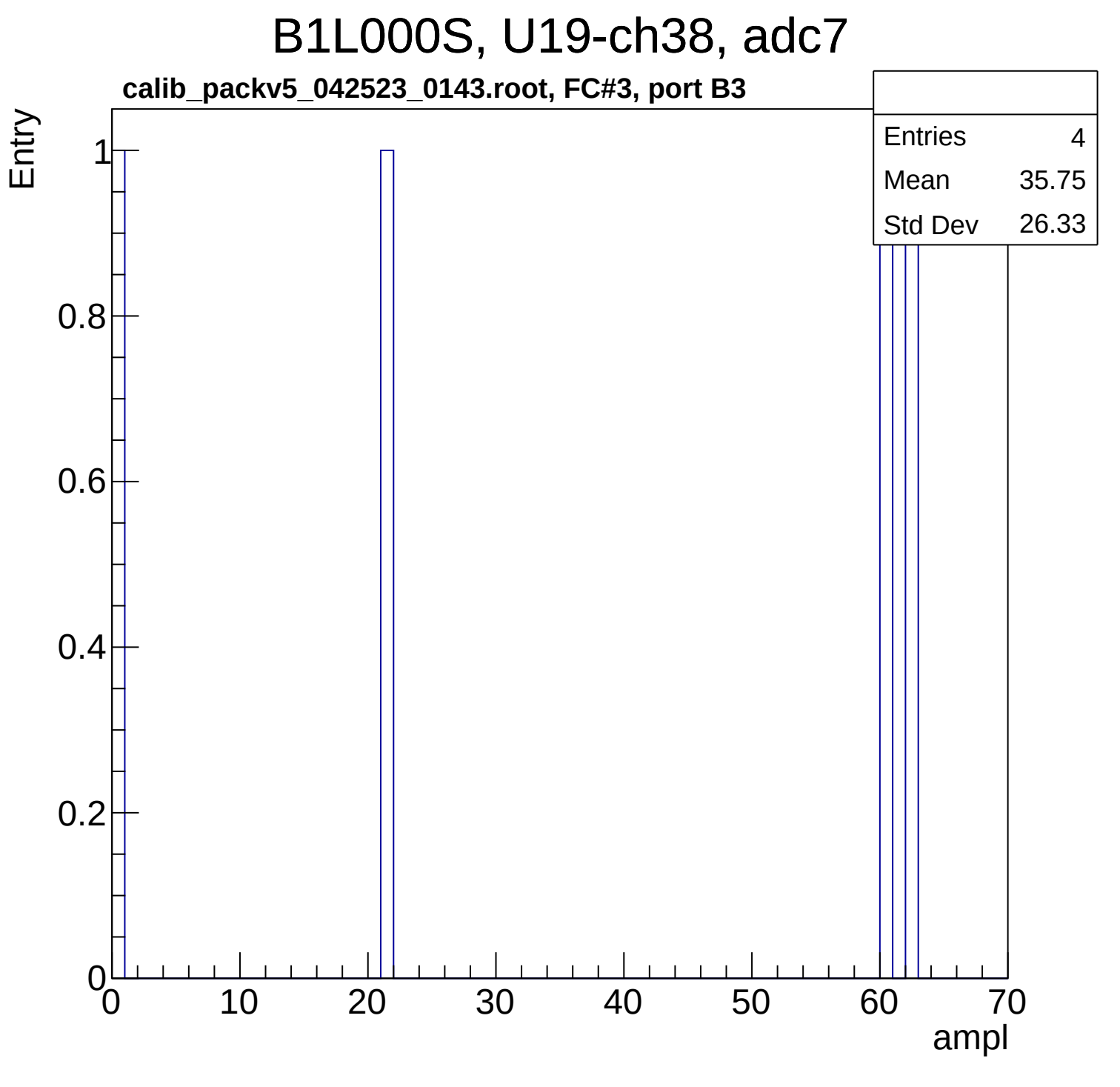
70
ampl


B1L000S, U19-ch38, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 35.75
Std Dev 26.33
Entry
ampl
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0.2
0.4
0.6
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1
0
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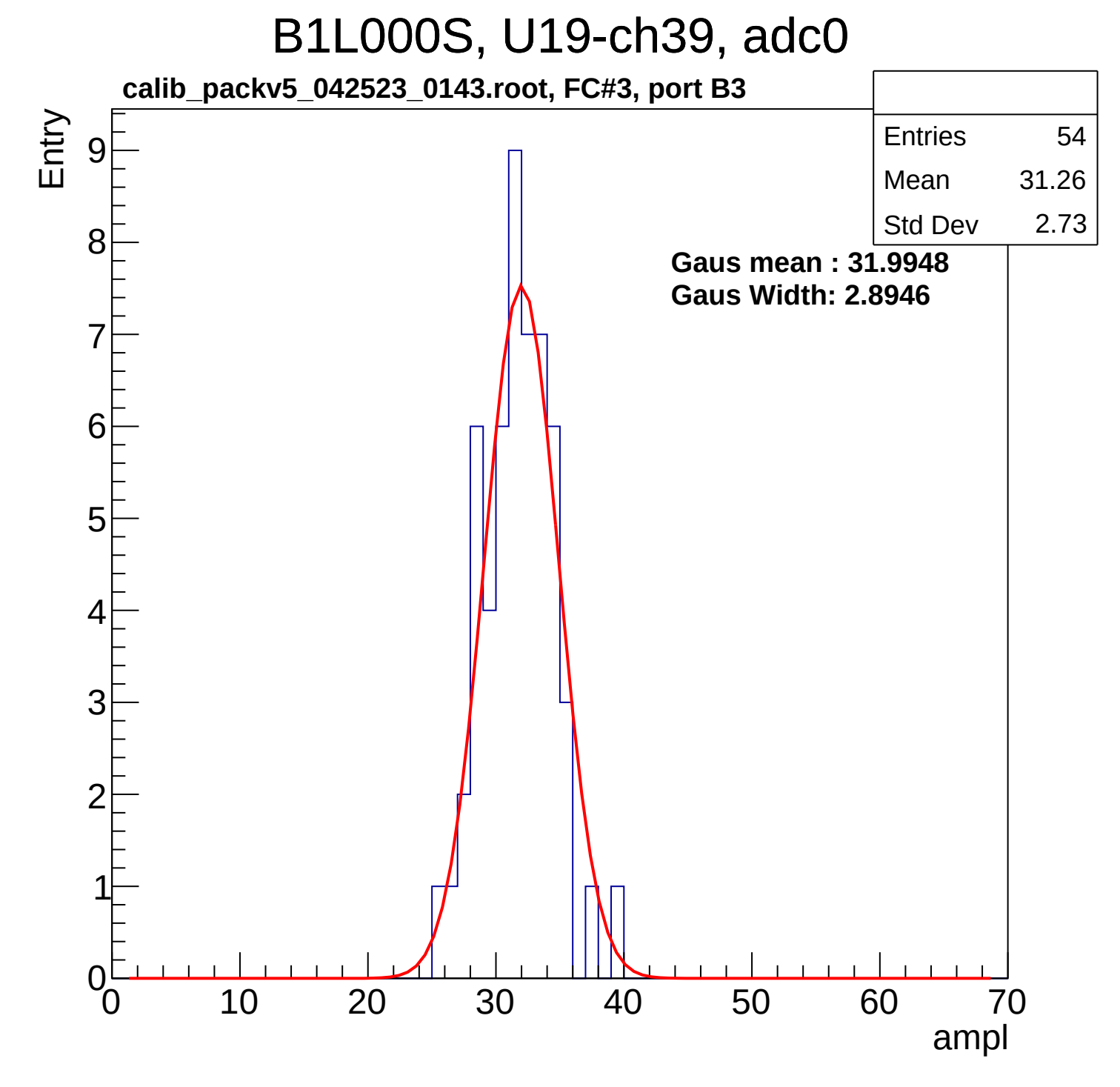
B1L000S, U19-ch39, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 31.26
Std Dev 2.73
Gaus mean : 31.9948
Gaus Width: 2.8946
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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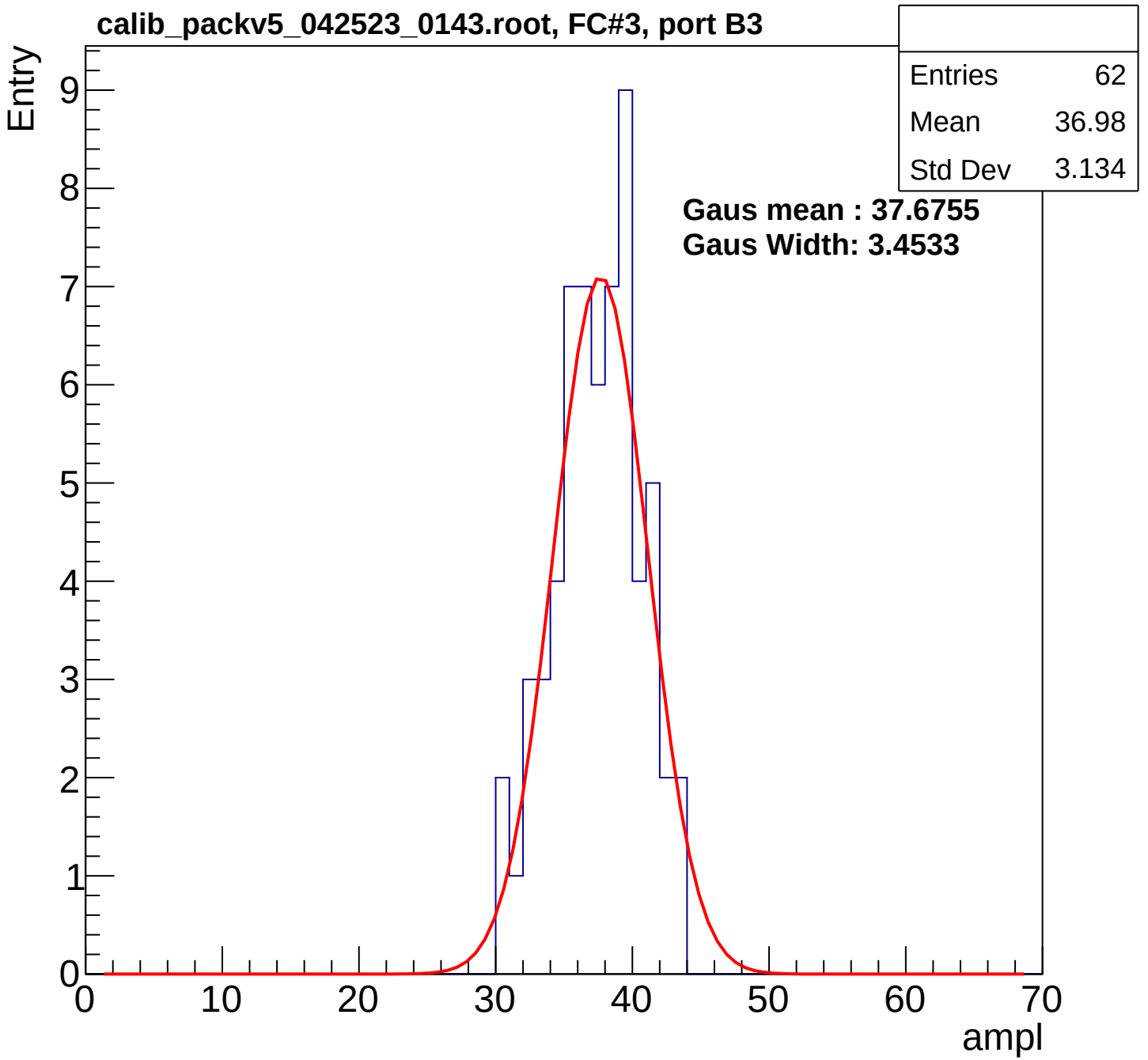
B1L000S, U19-ch39, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 36.98
Std Dev 3.134
Gaus mean : 37.6755
Gaus Width: 3.4533
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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60
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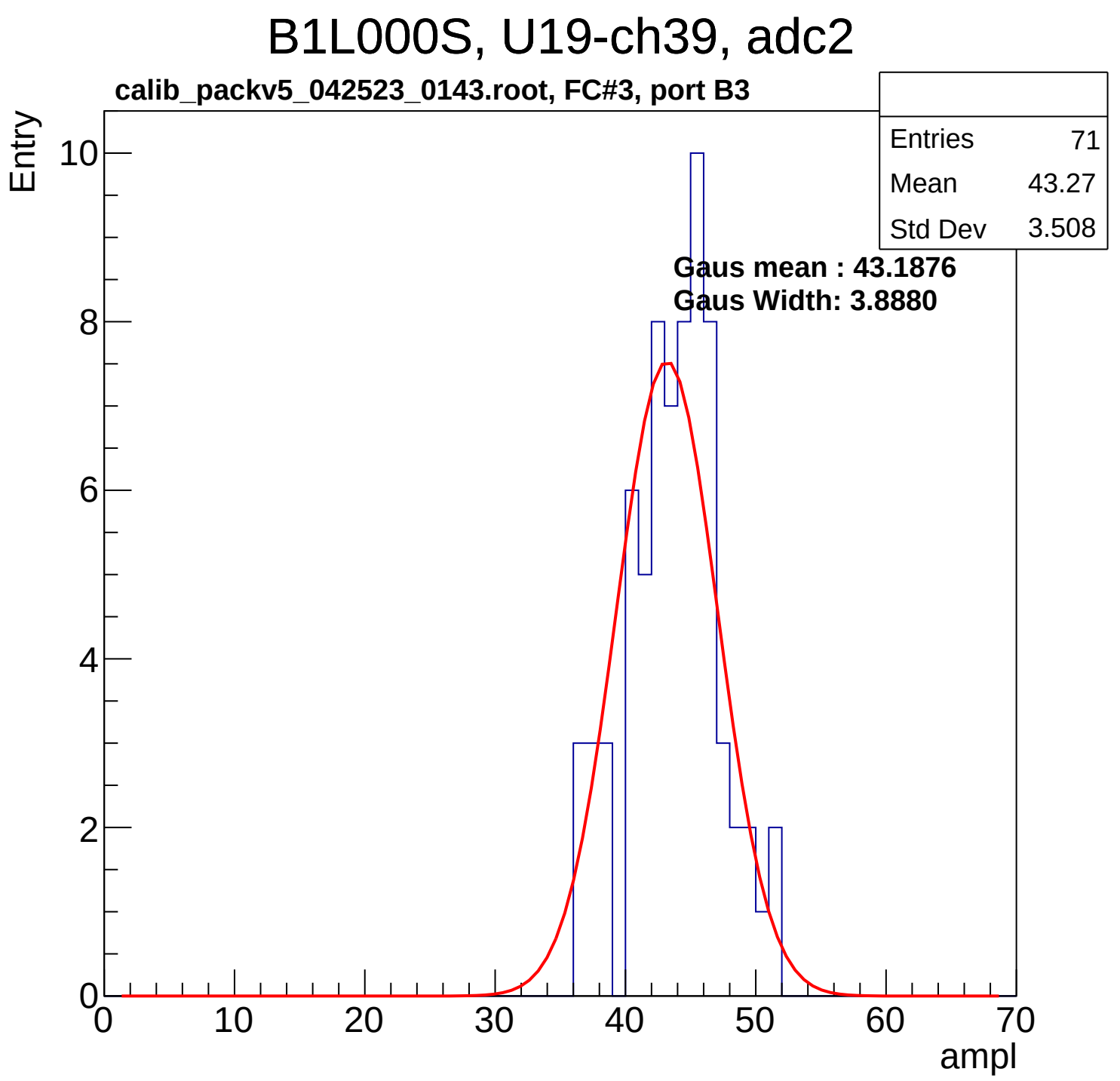
B1L000S, U19-ch39, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 43.27
Std Dev 3.508
Gaus mean : 43.1876
Gaus Width: 3.8880
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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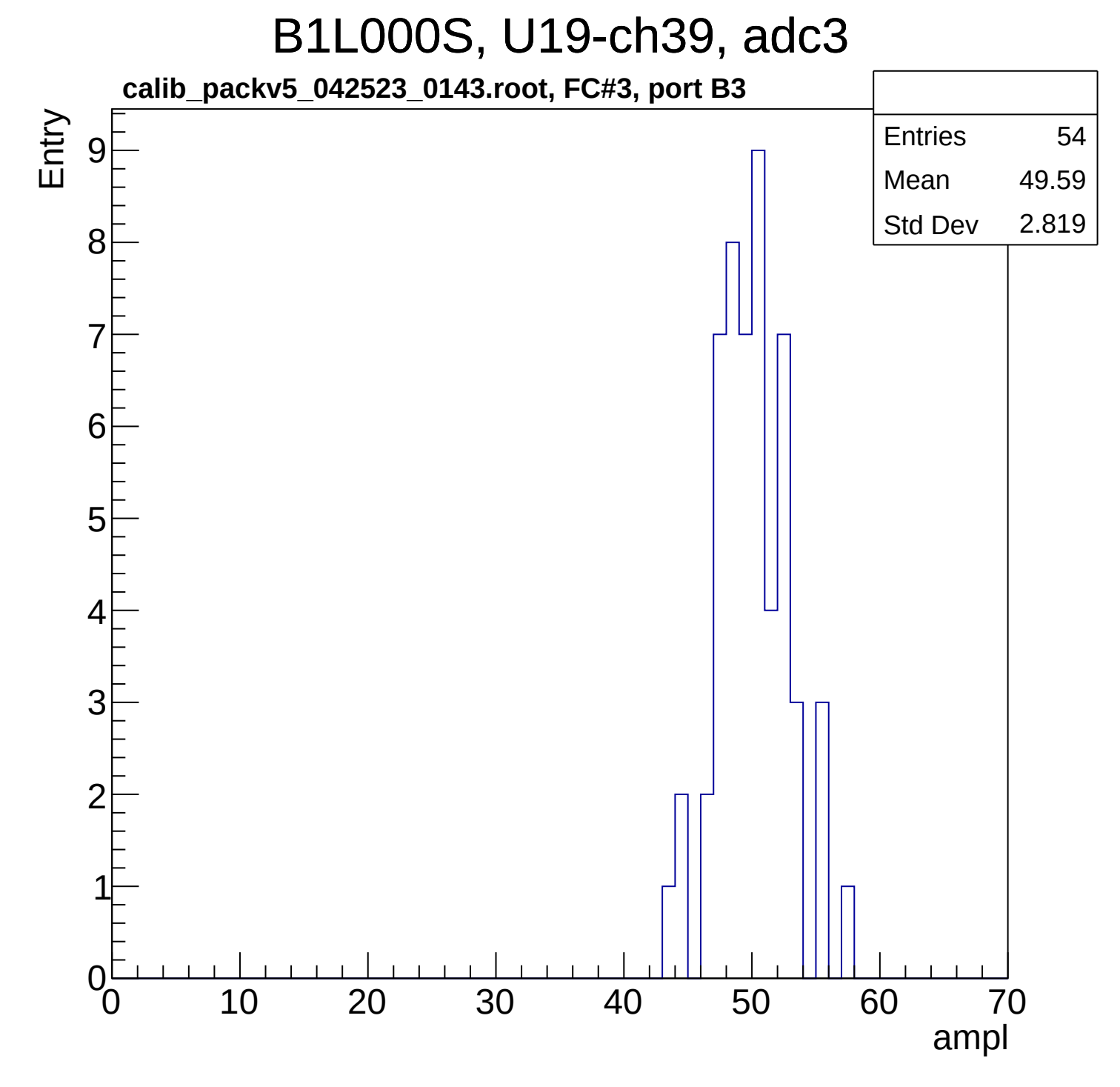
B1L000S, U19-ch39, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 49.59
Std Dev 2.819
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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30
40
50
60
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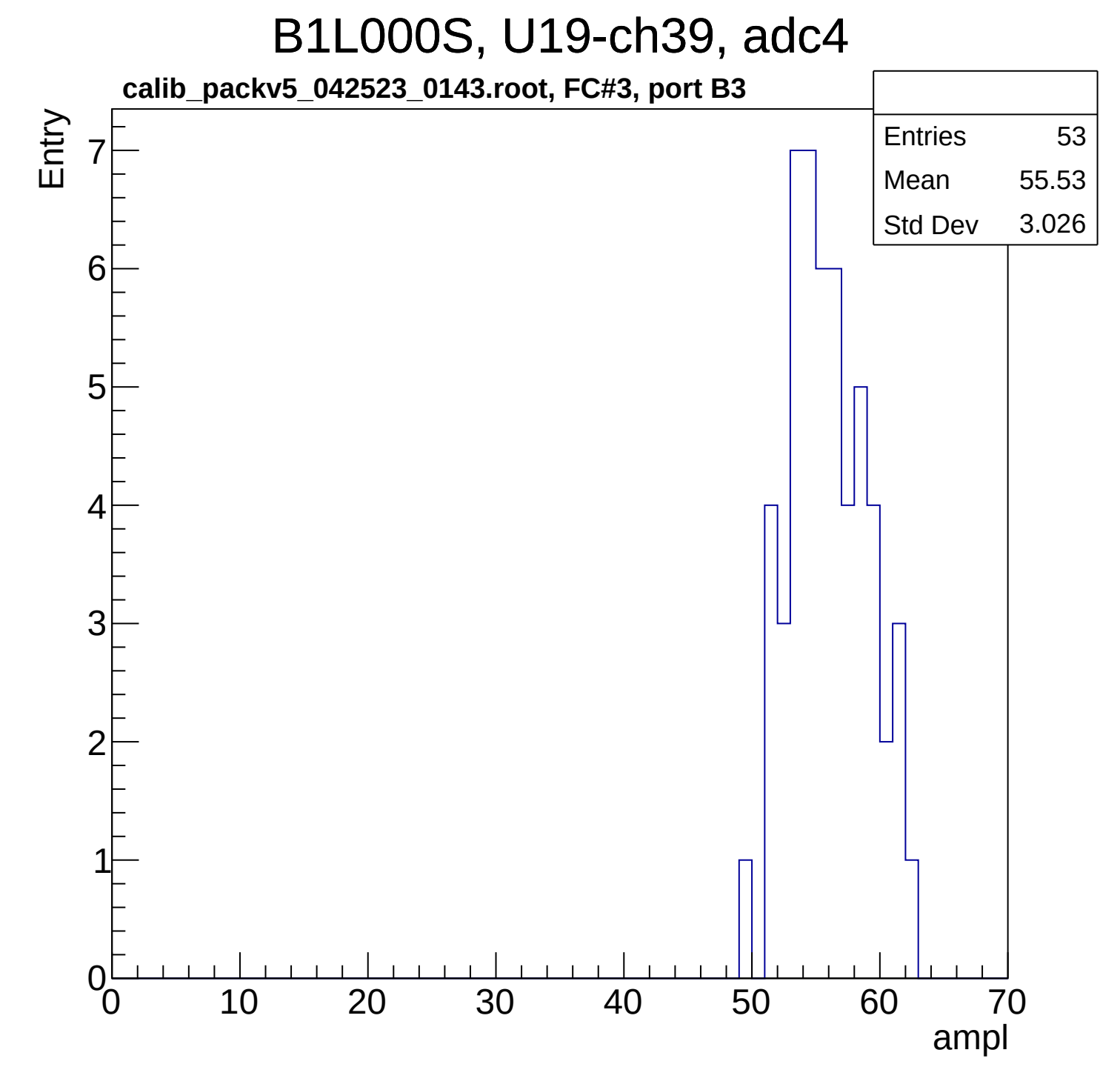
B1L000S, U19-ch39, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 55.53
Std Dev 3.026
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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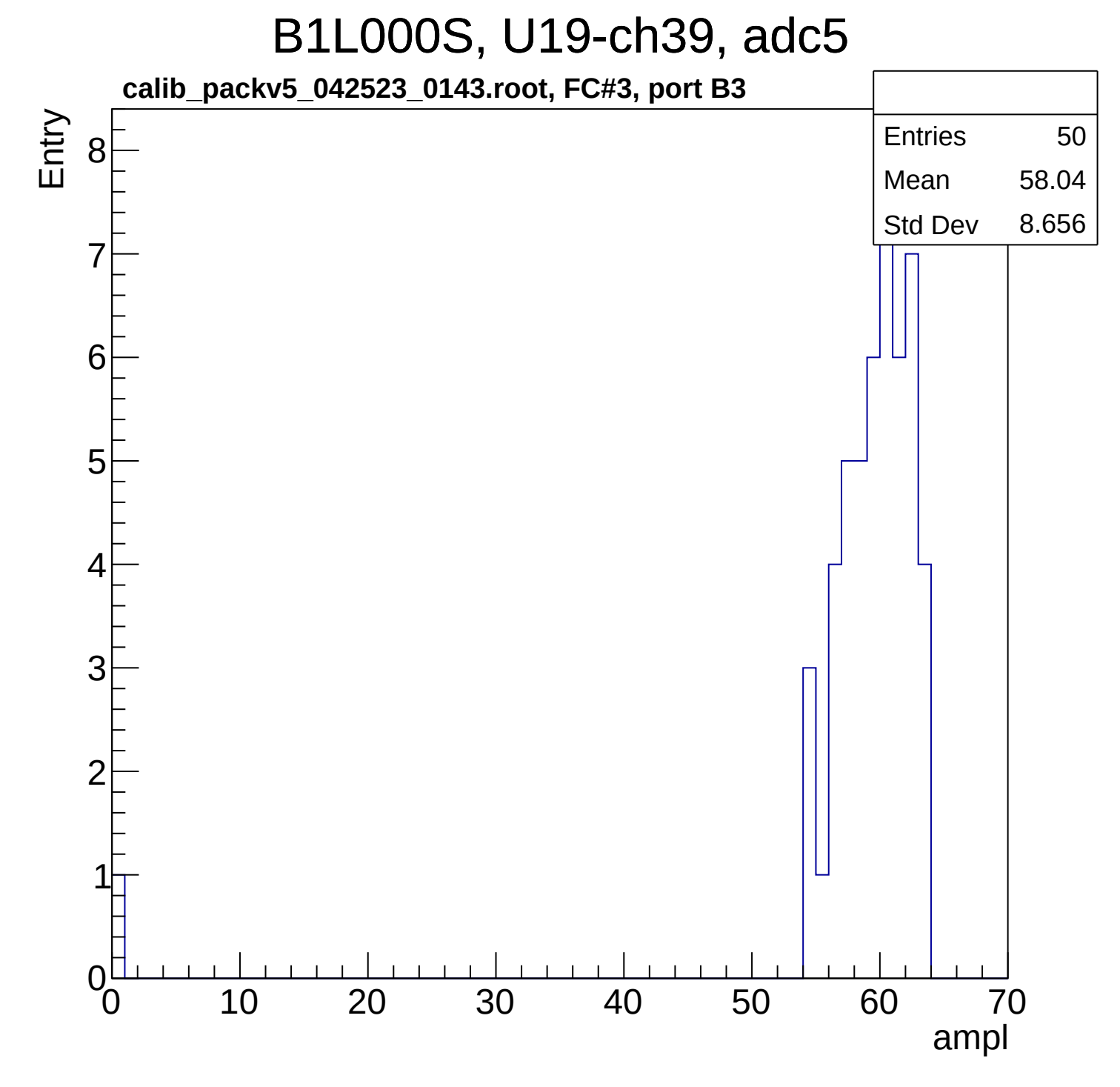
B1L000S, U19-ch39, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 58.04
Std Dev 8.656
Entry
ampl
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1
2
3
4
5
6
7
8
0
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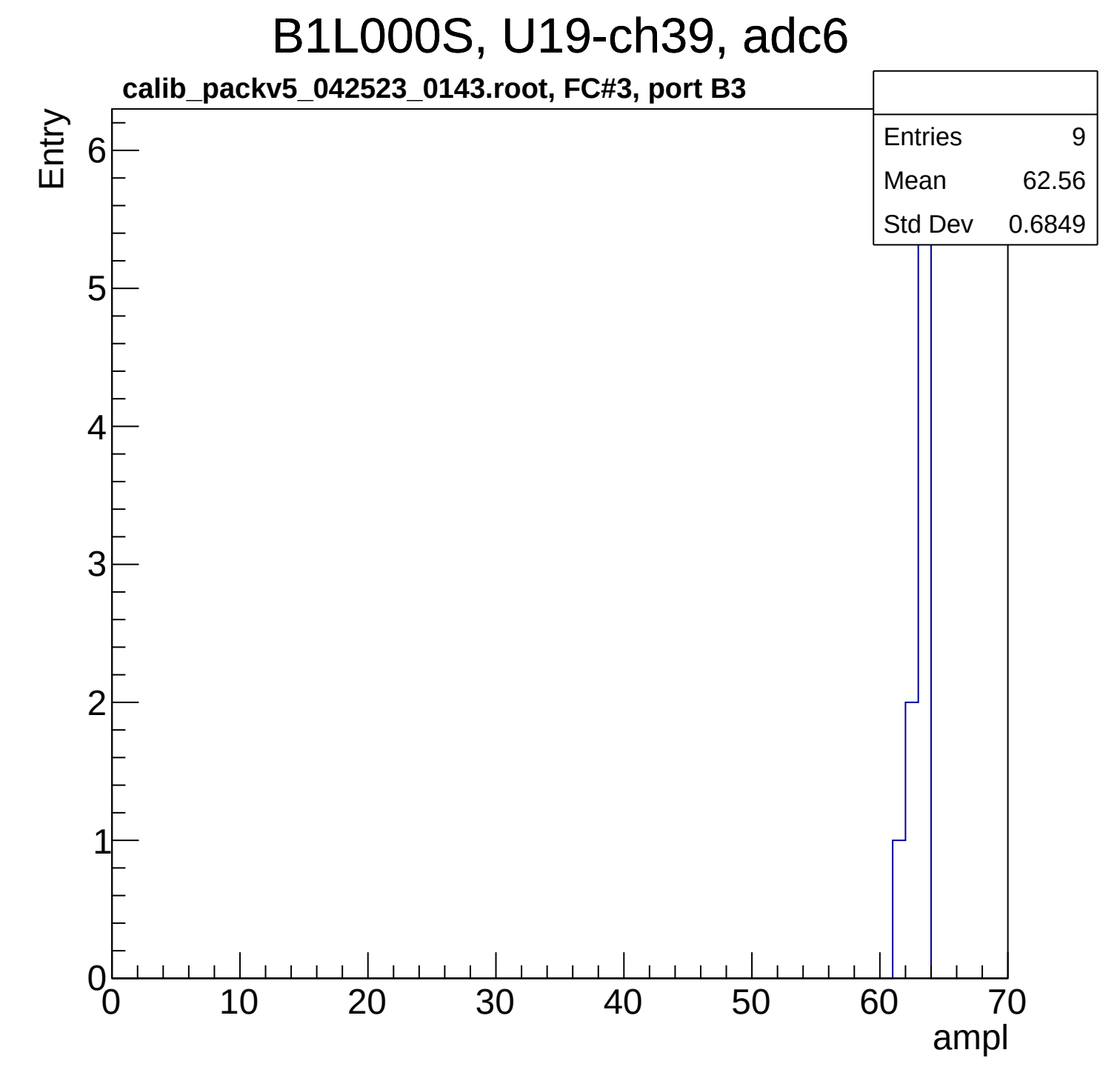
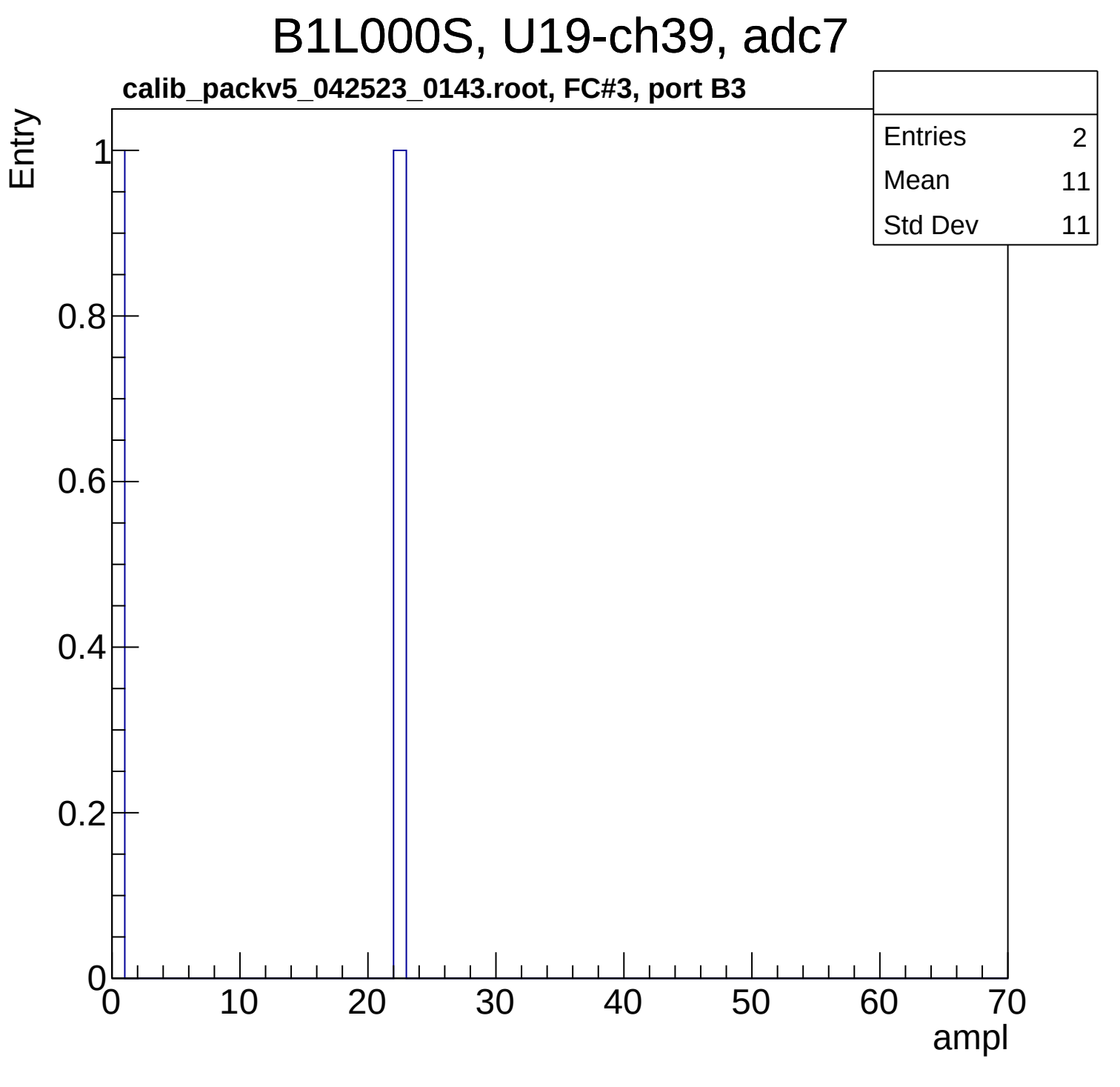
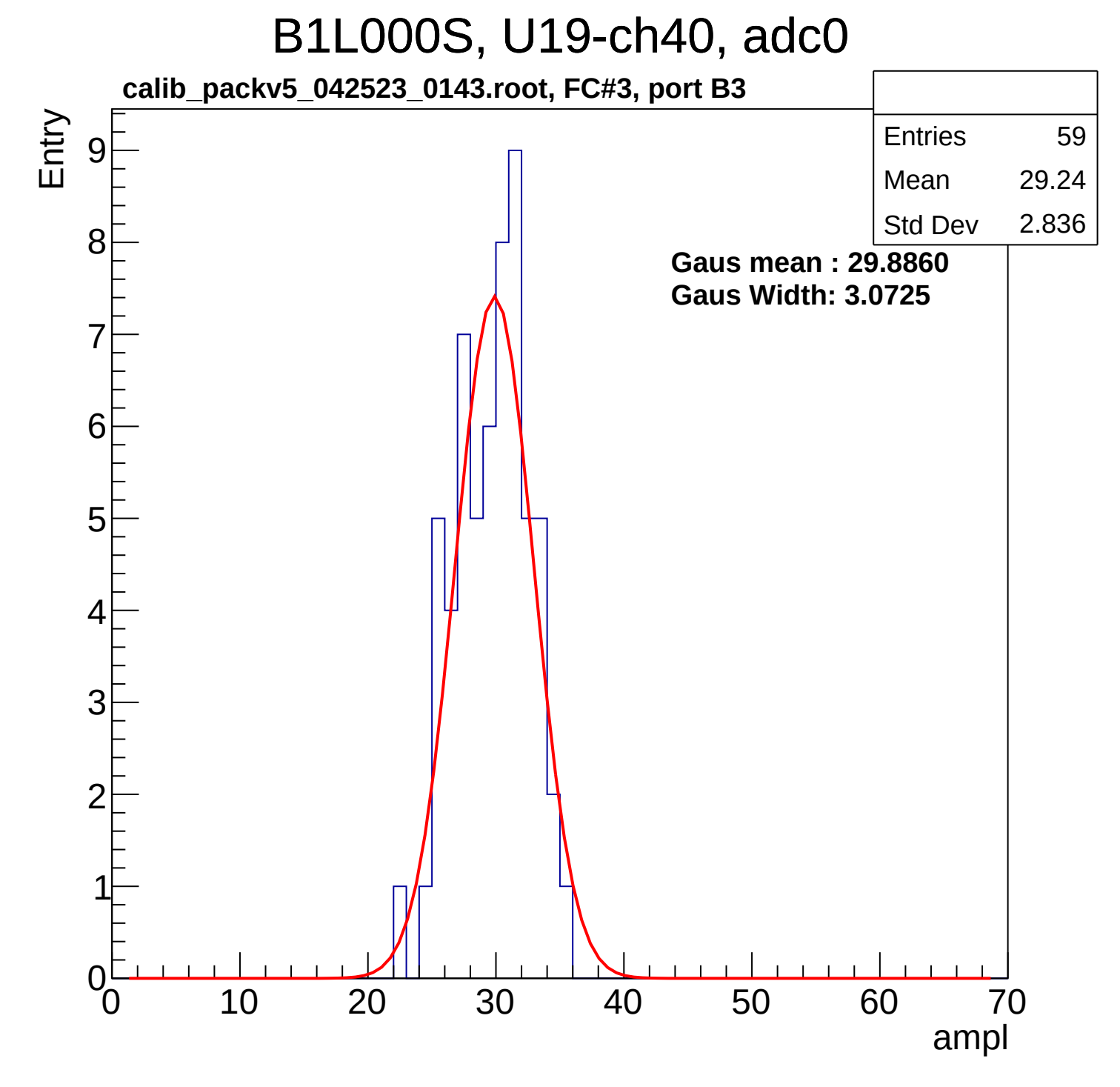

B1L000S, U19-ch39, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 62.56
Std Dev 0.6849
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L000S, U19-ch39, 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, U19-ch40, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 29.24
Std Dev 2.836
Gaus mean : 29.8860
Gaus Width: 3.0725
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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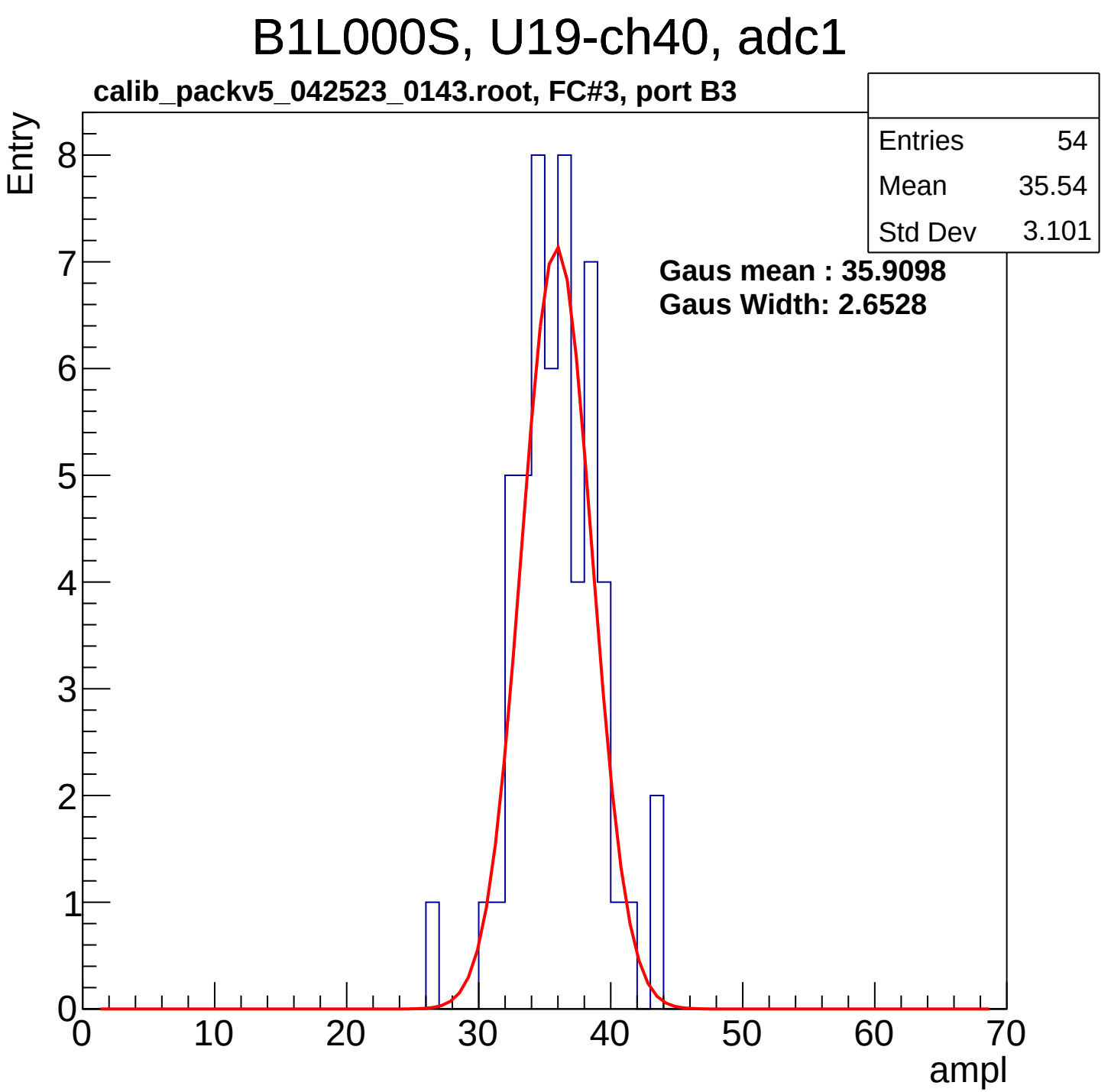
B1L000S, U19-ch40, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 35.54
Std Dev 3.101
Gaus mean : 35.9098
Gaus Width: 2.6528
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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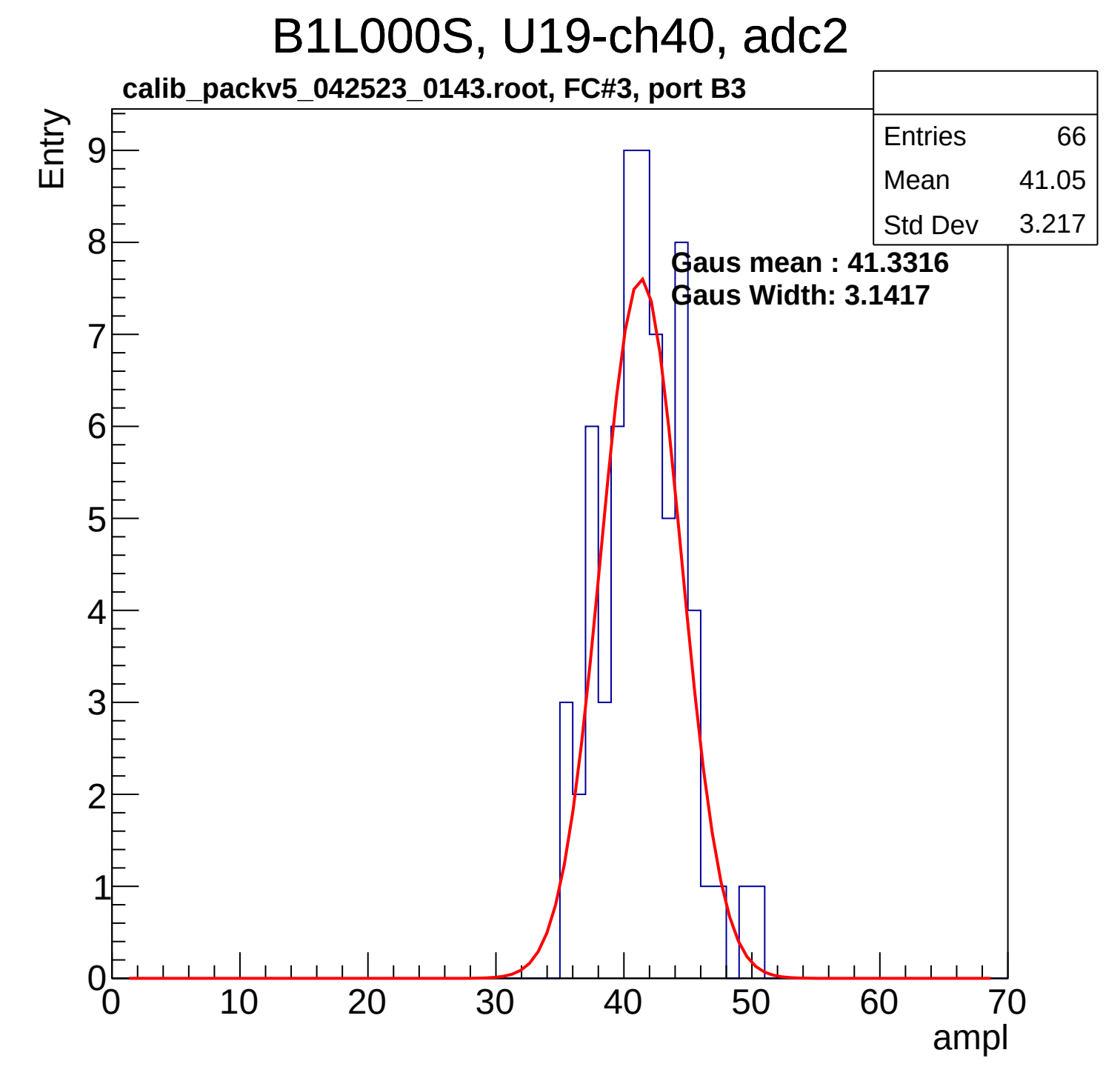
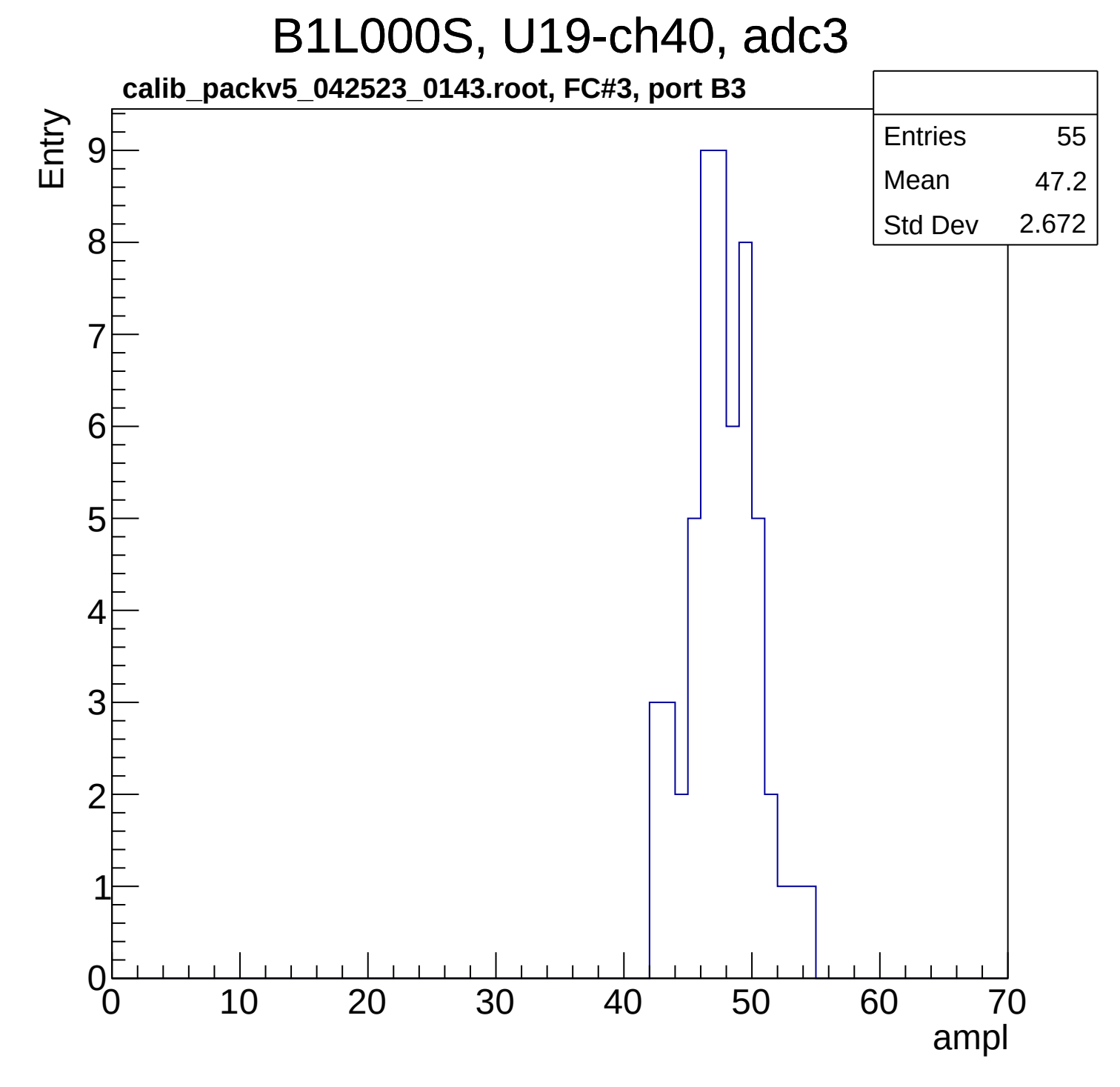

B1L000S, U19-ch40, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 41.05
Std Dev 3.217
Gaus mean : 41.3316
Gaus Width: 3.1417
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U19-ch40, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 47.2
Std Dev 2.672
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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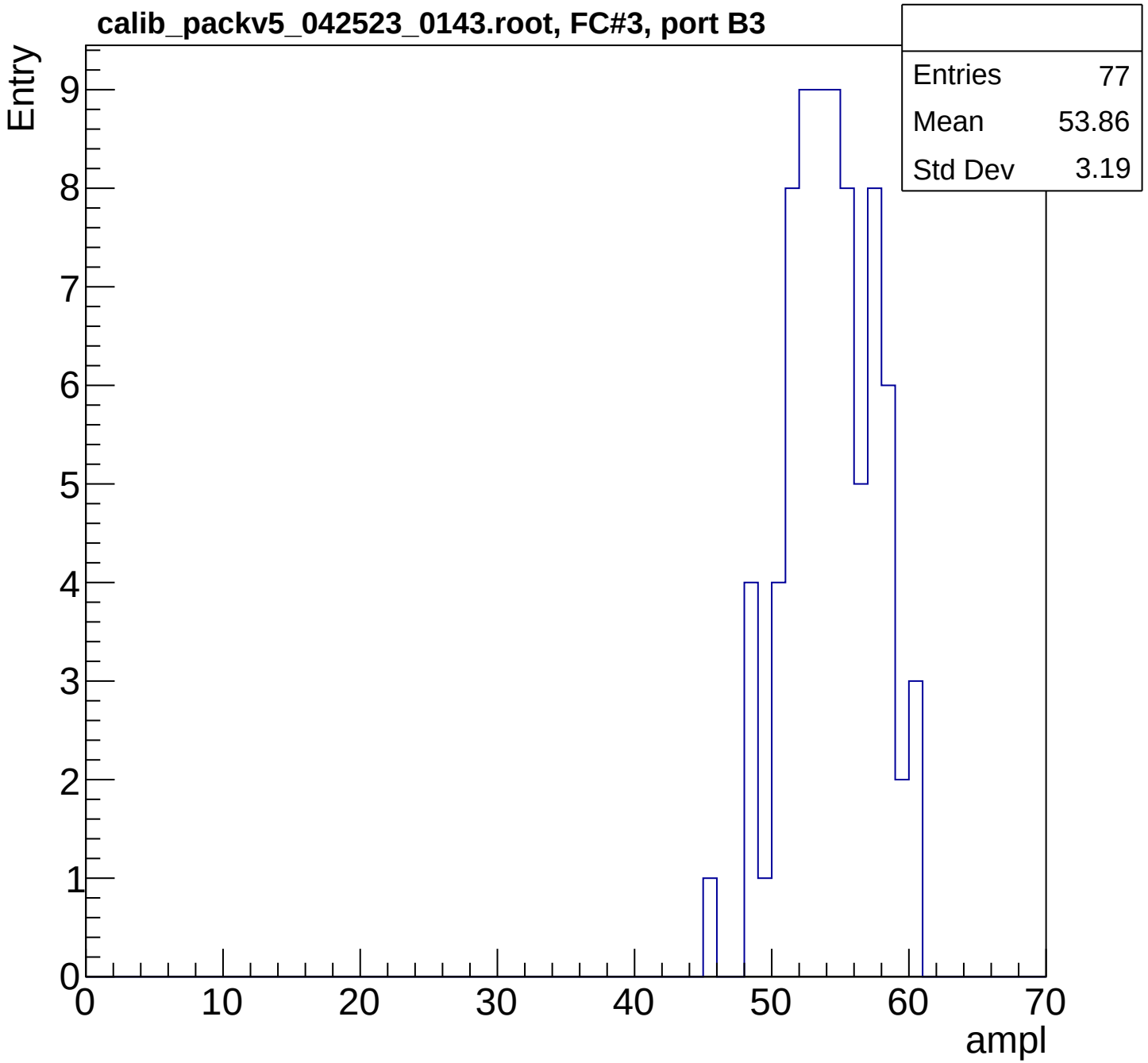
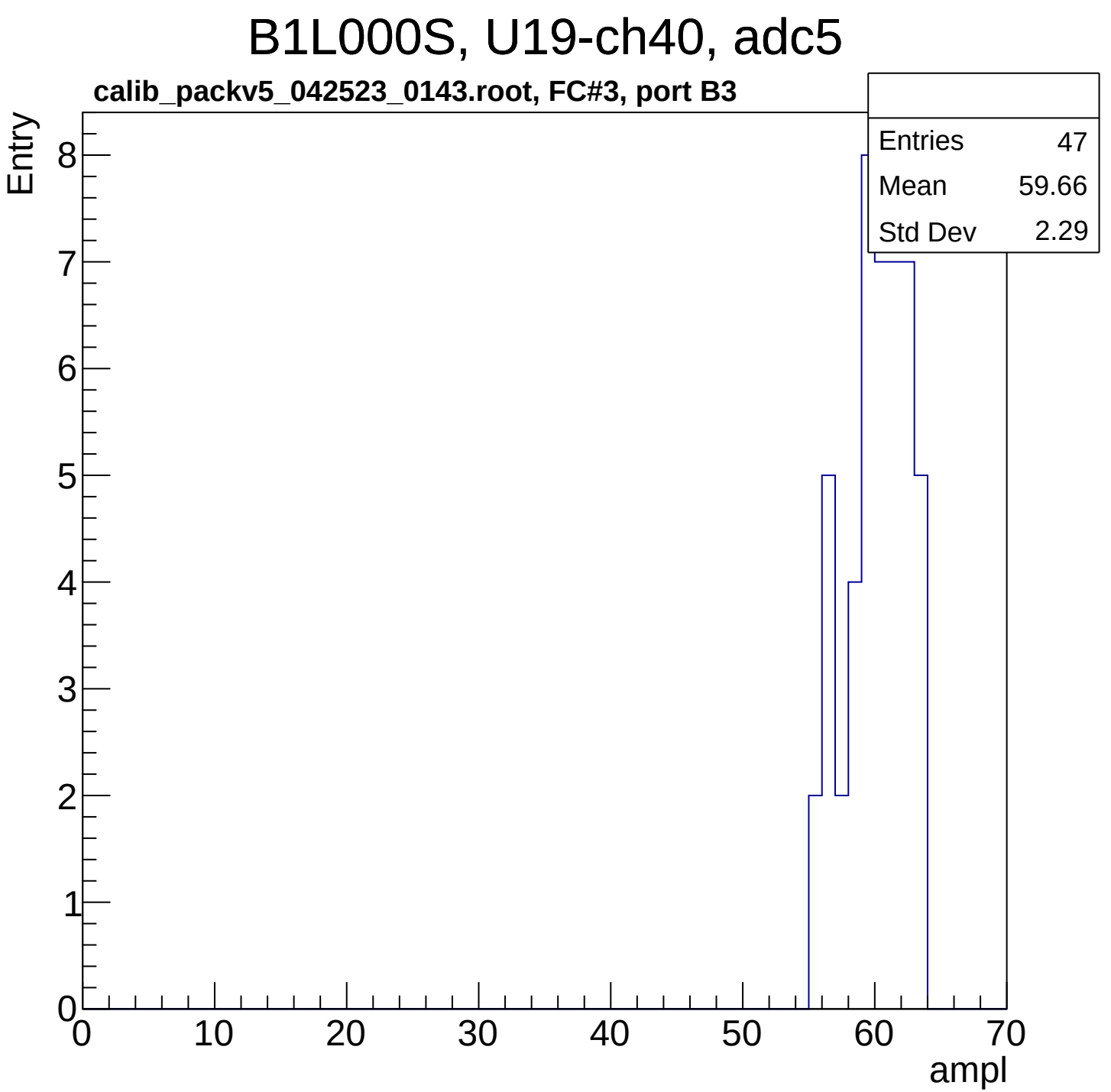
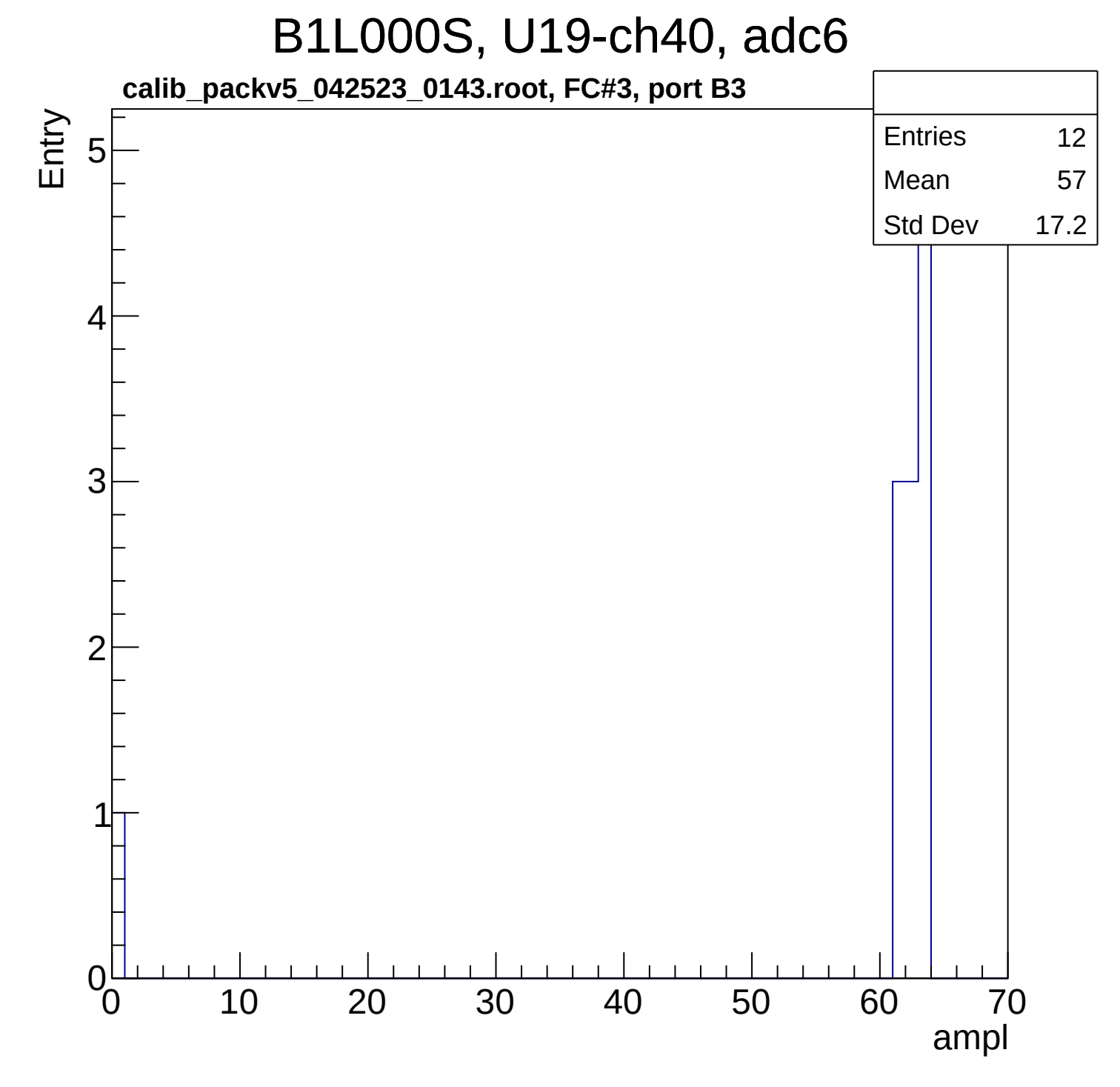
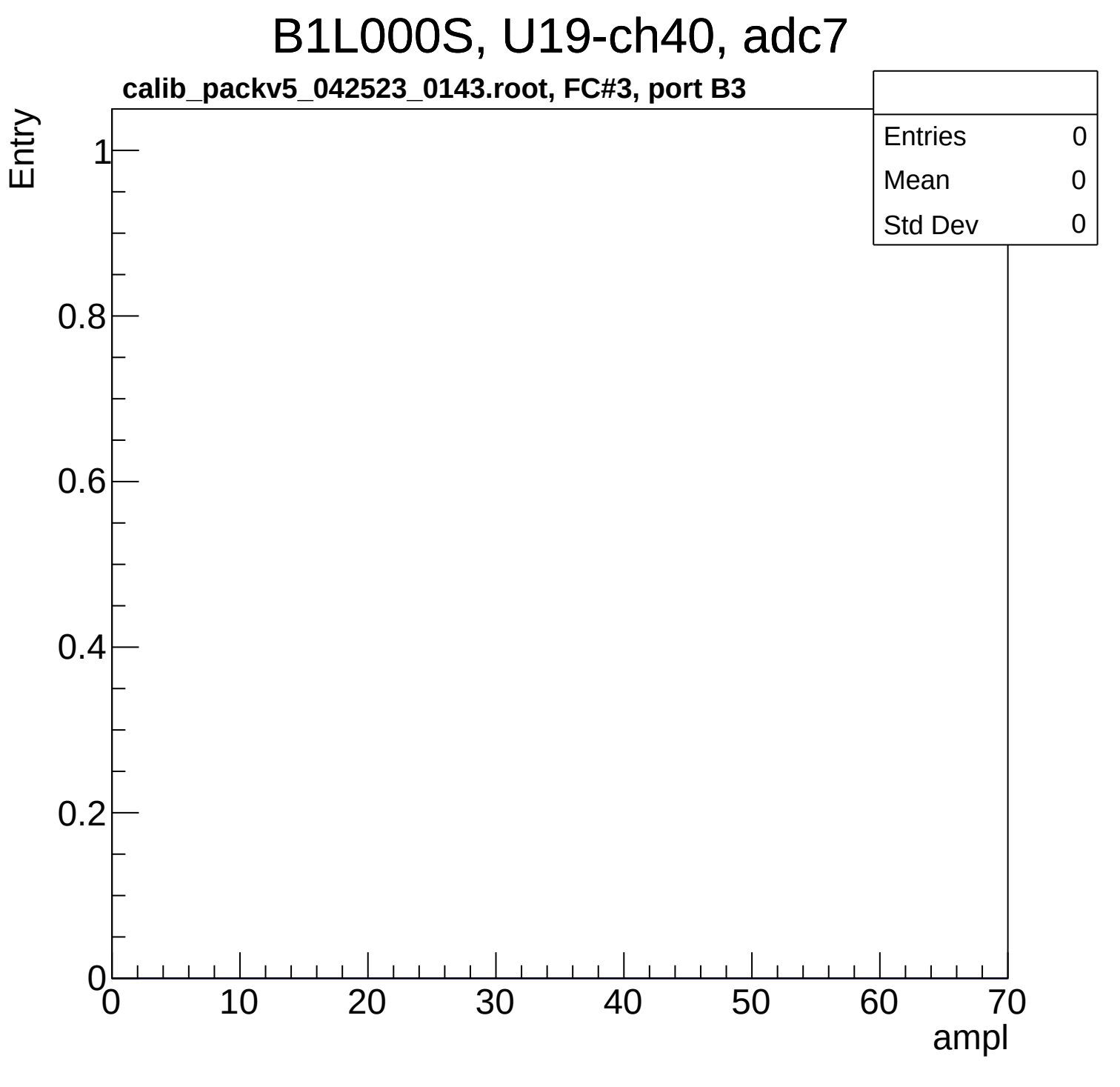
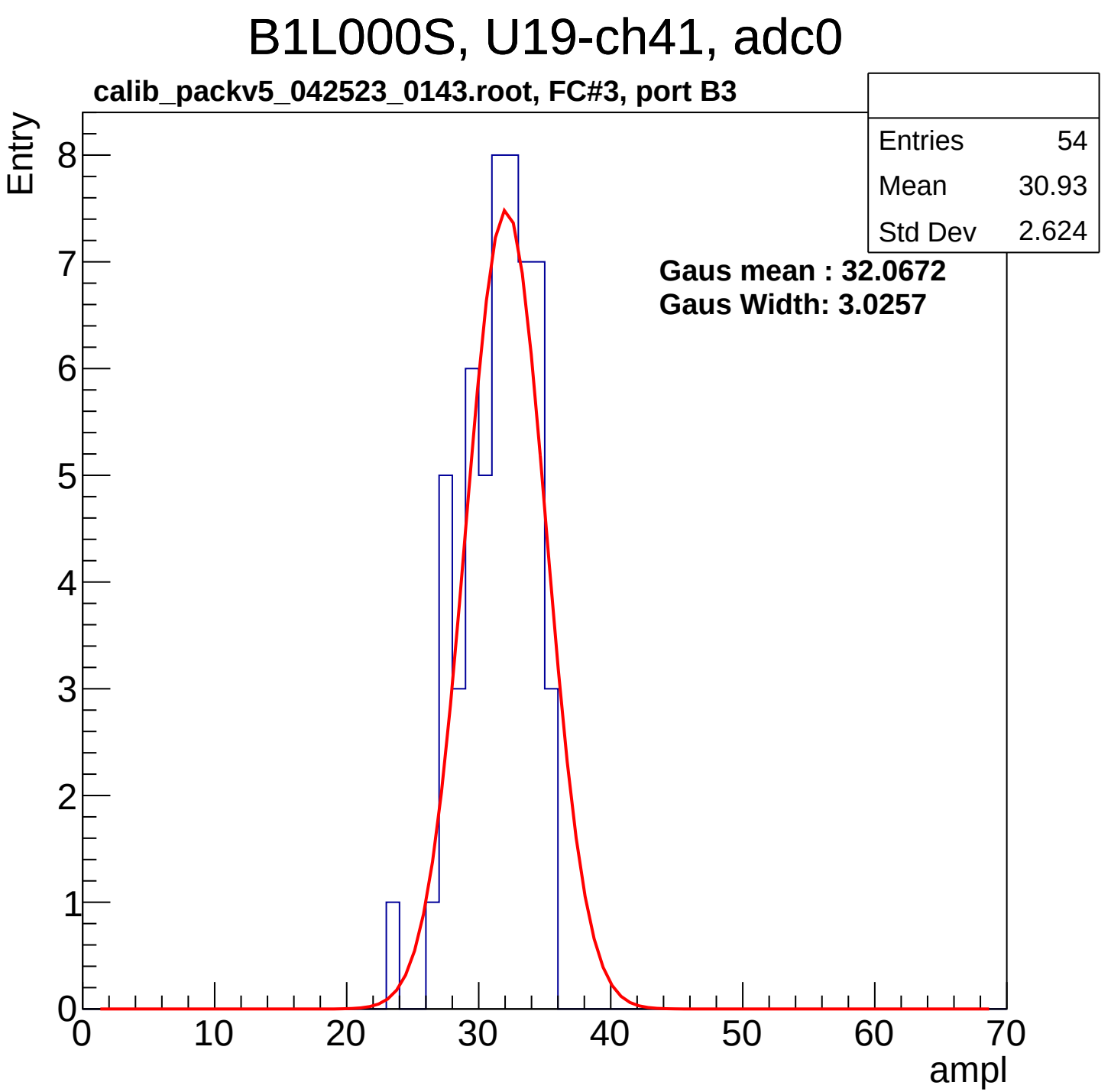
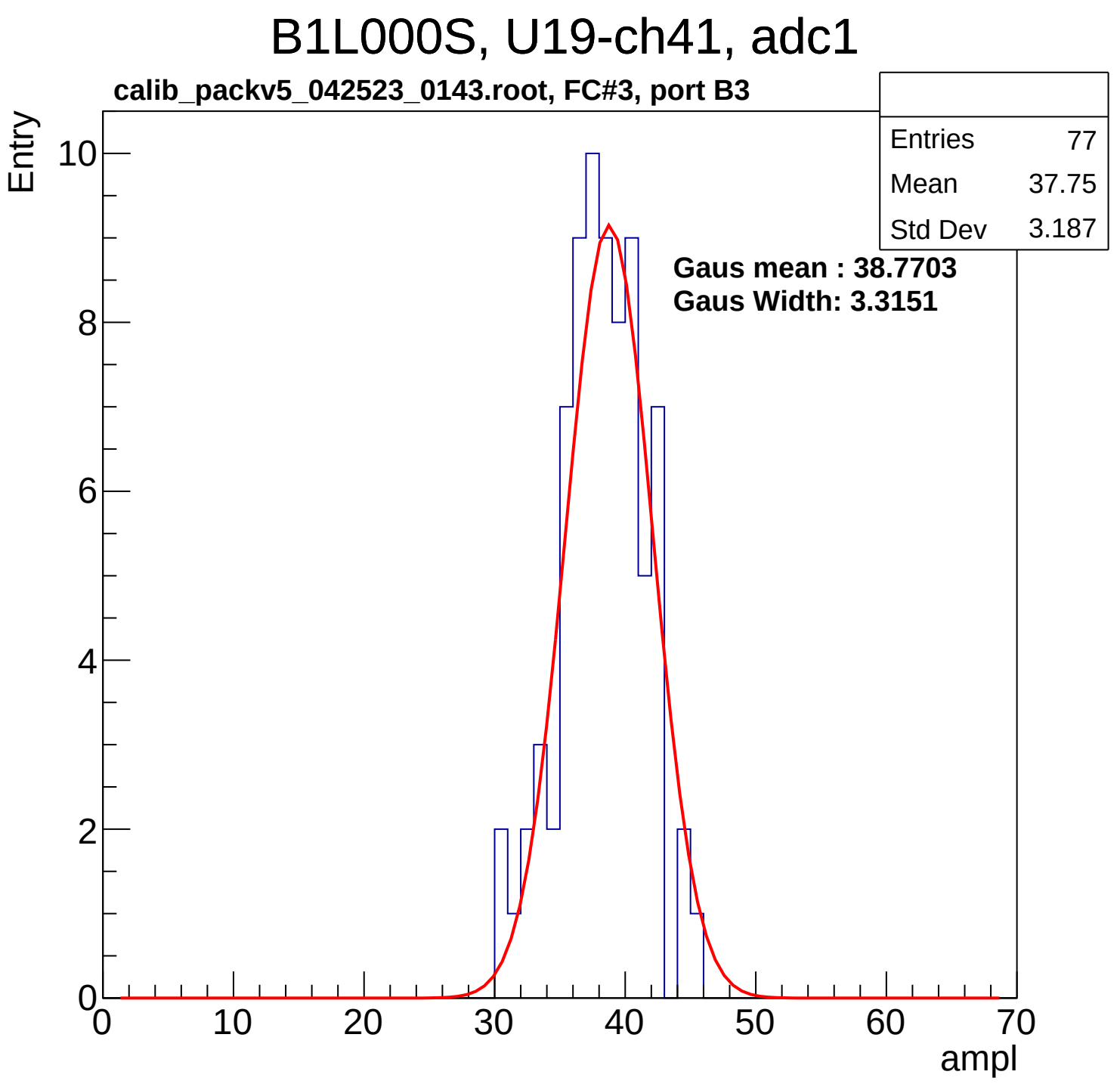

B1L000S, U19-ch40, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 53.86
Std Dev 3.19
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

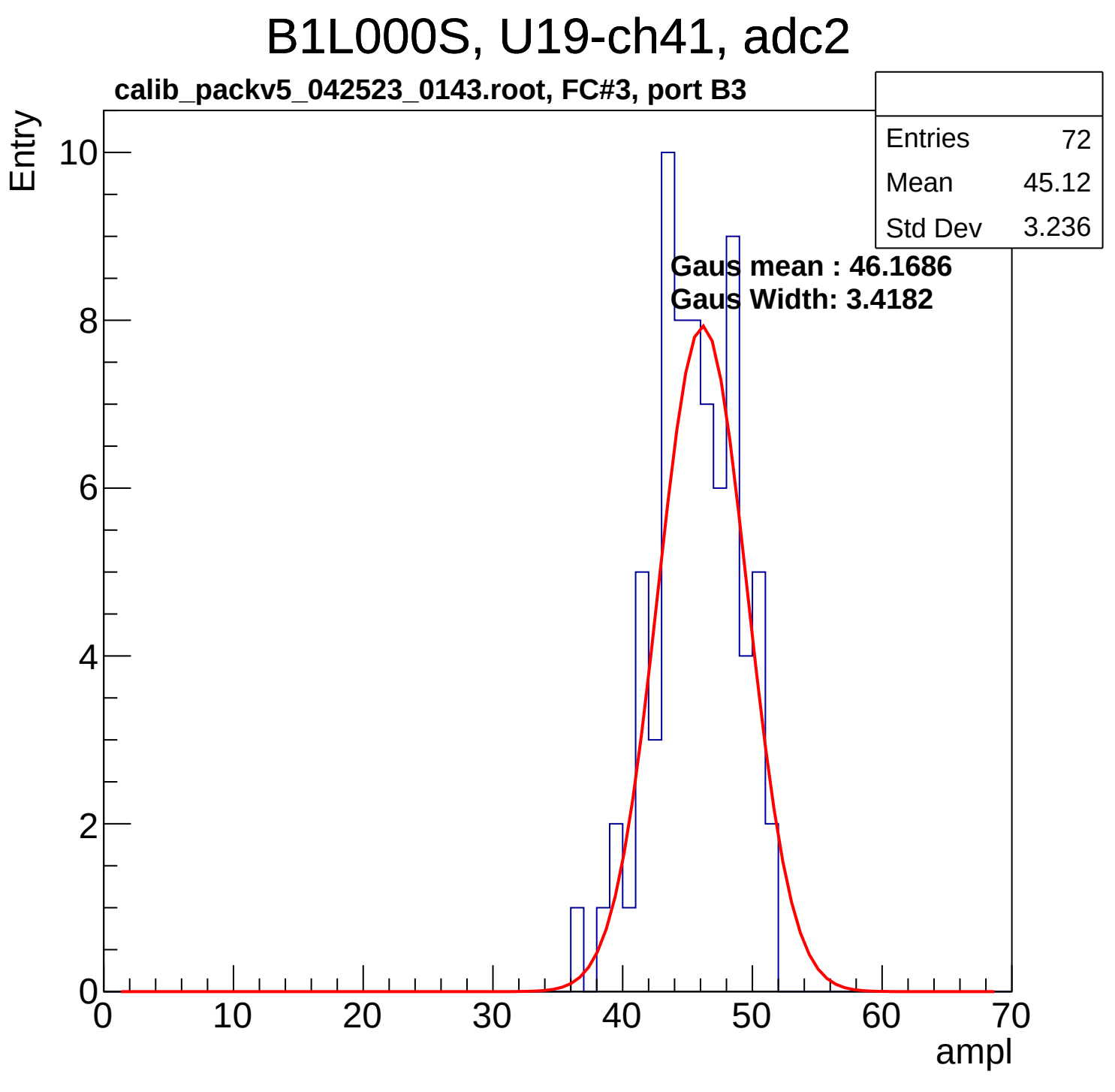

B1L000S, U19-ch40, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 59.66
Std Dev 2.29
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

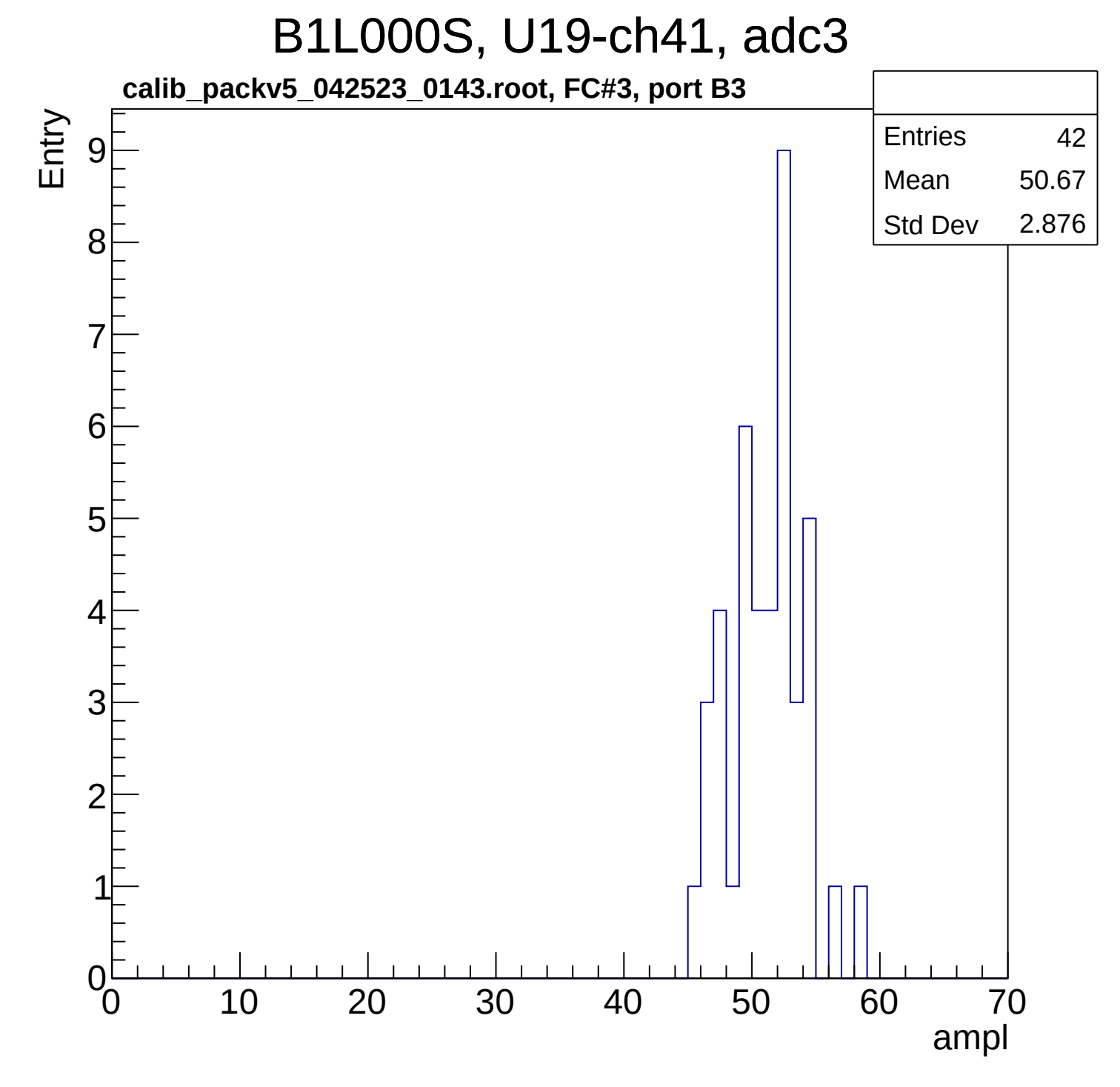

B1L000S, U19-ch40, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 57
Std Dev 17.2
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch40, 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, U19-ch41, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 30.93
Std Dev 2.624
Gaus mean : 32.0672
Gaus Width: 3.0257
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch41, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 37.75
Std Dev 3.187
Gaus mean : 38.7703
Gaus Width: 3.3151
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch41, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 45.12
Std Dev 3.236
Gaus mean : 46.1686
Gaus Width: 3.4182
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch41, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 50.67
Std Dev 2.876
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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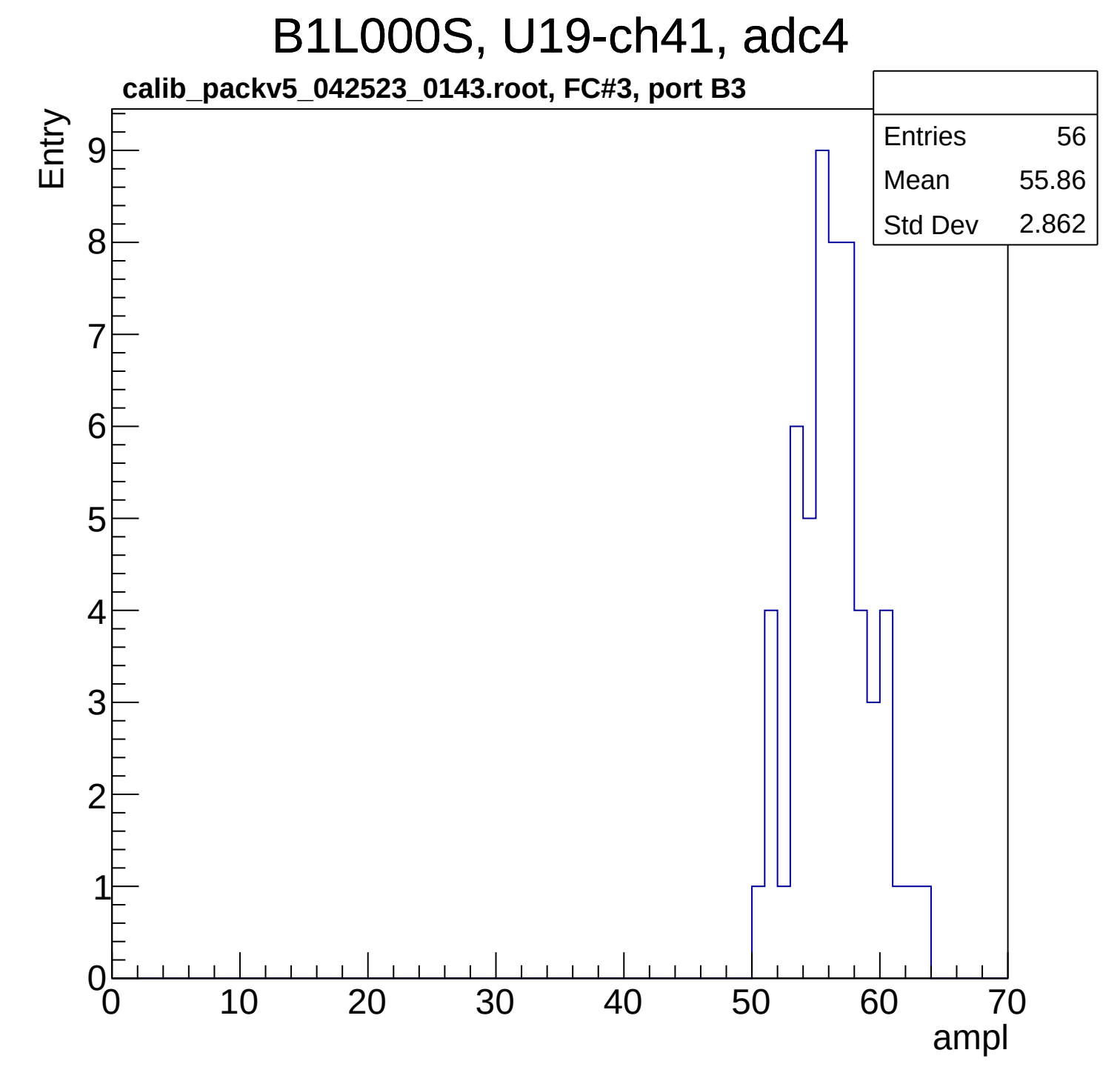
B1L000S, U19-ch41, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 55.86
Std Dev 2.862
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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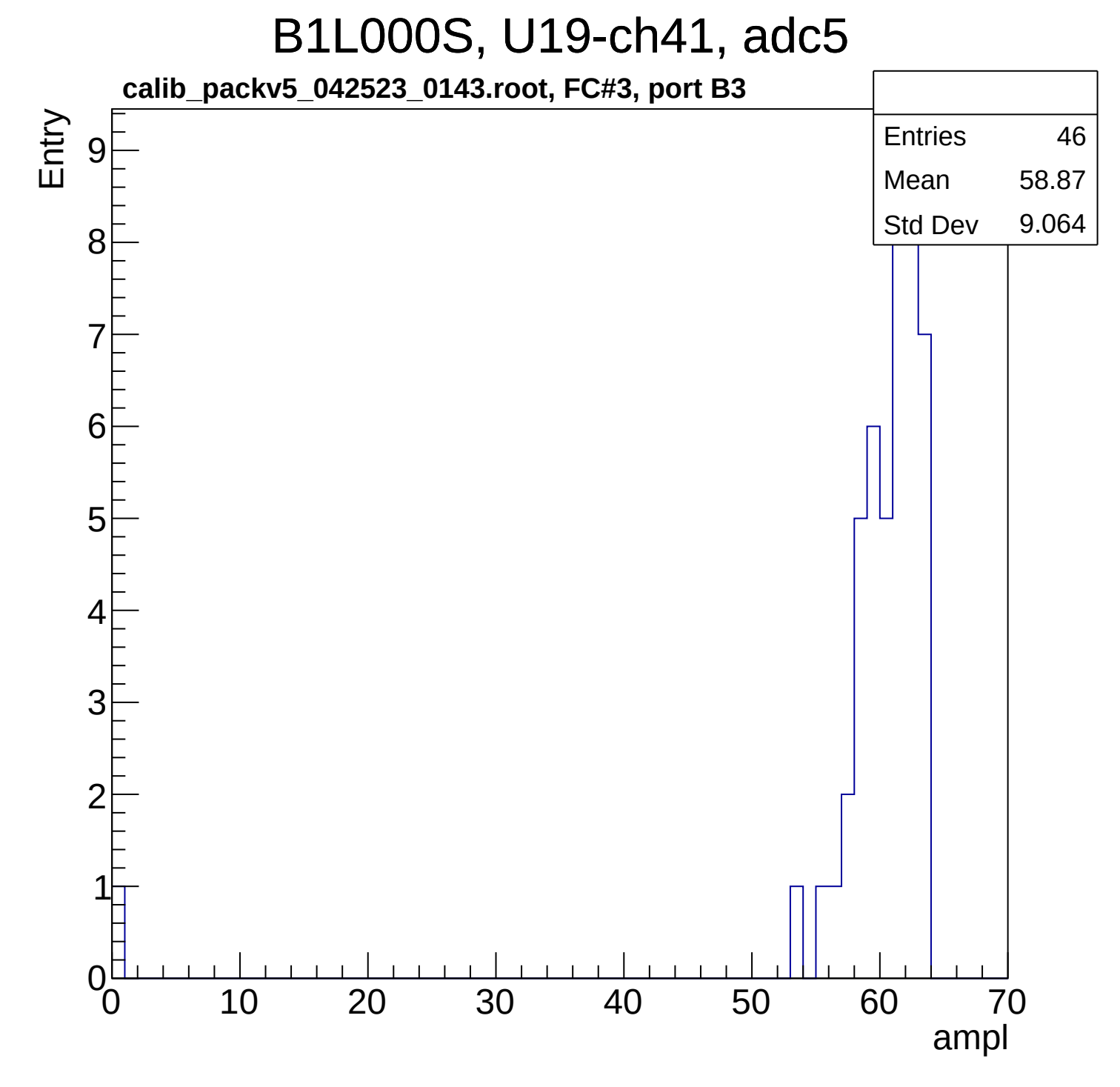
B1L000S, U19-ch41, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 58.87
Std Dev 9.064
Entry
ampl
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6
7
8
9
0
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60
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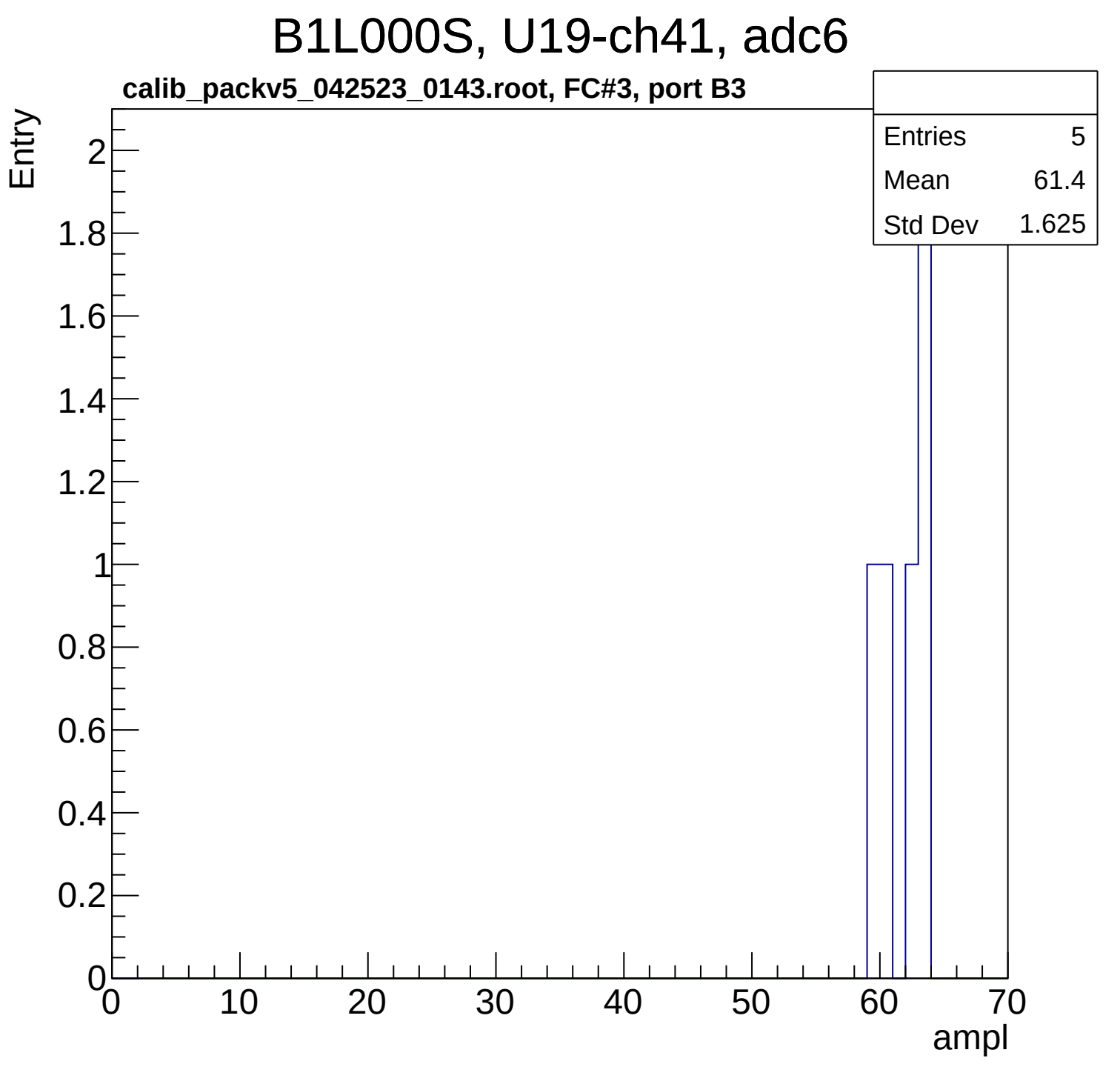
B1L000S, U19-ch41, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 61.4
Std Dev 1.625
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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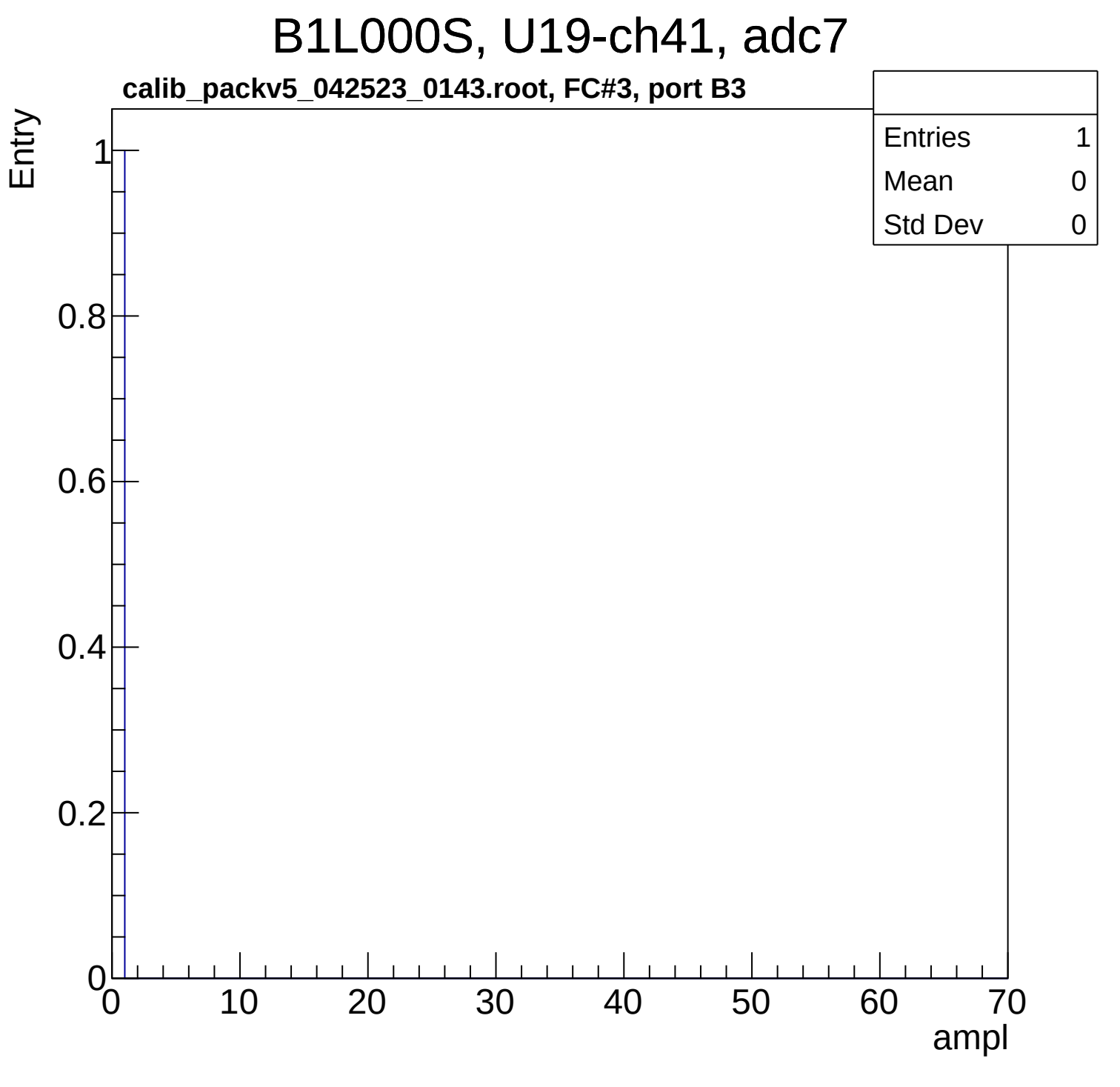
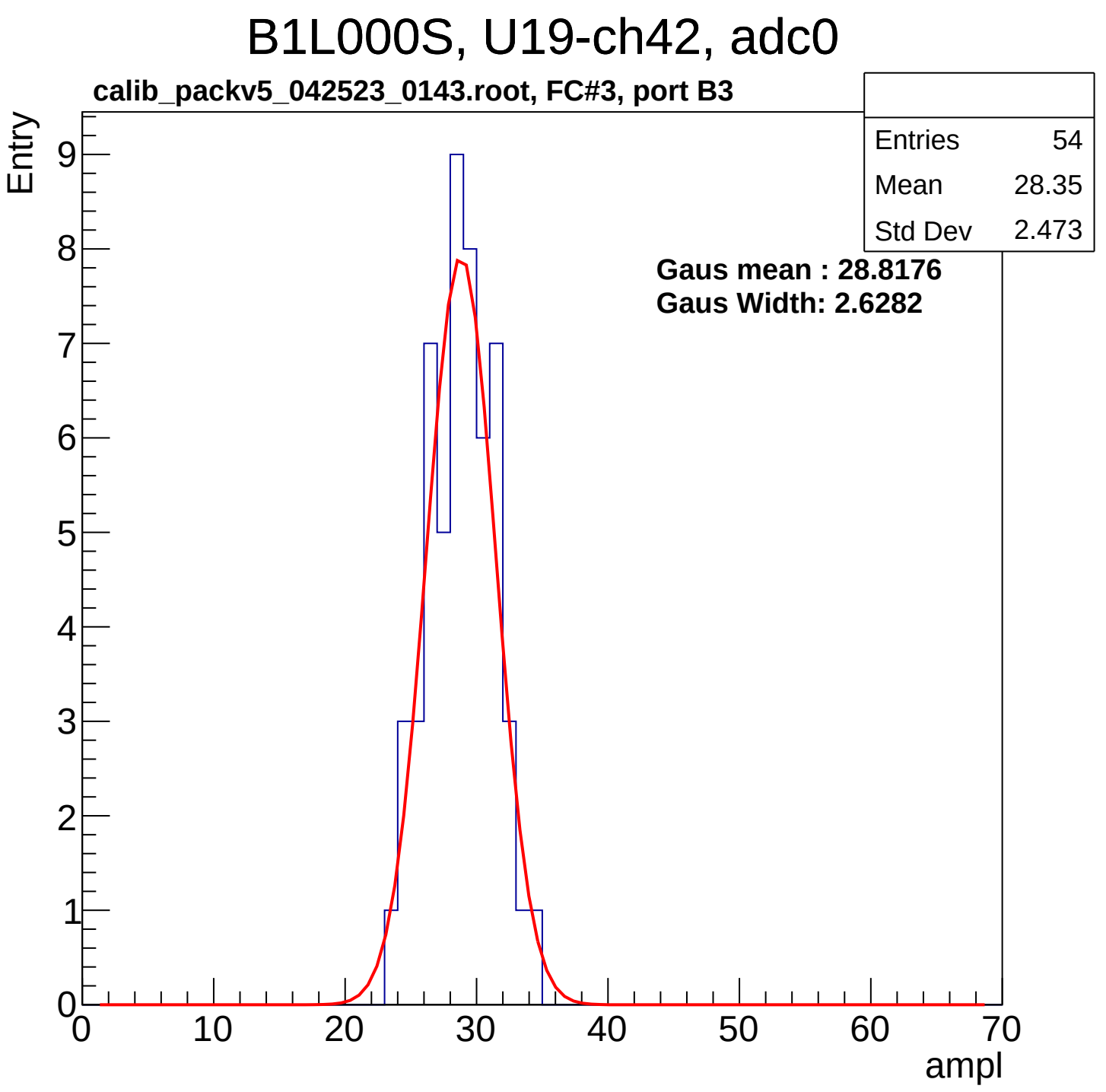
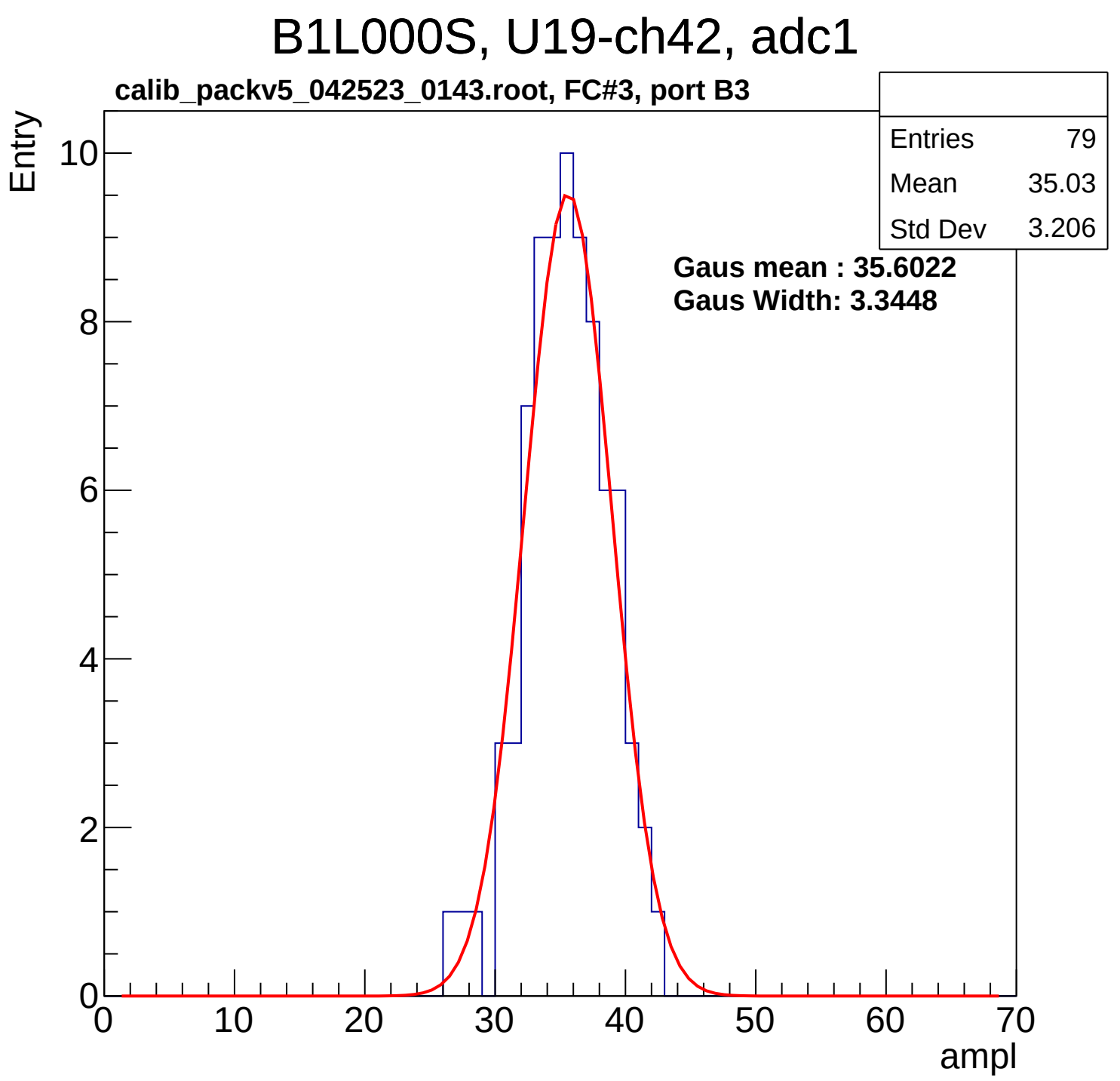
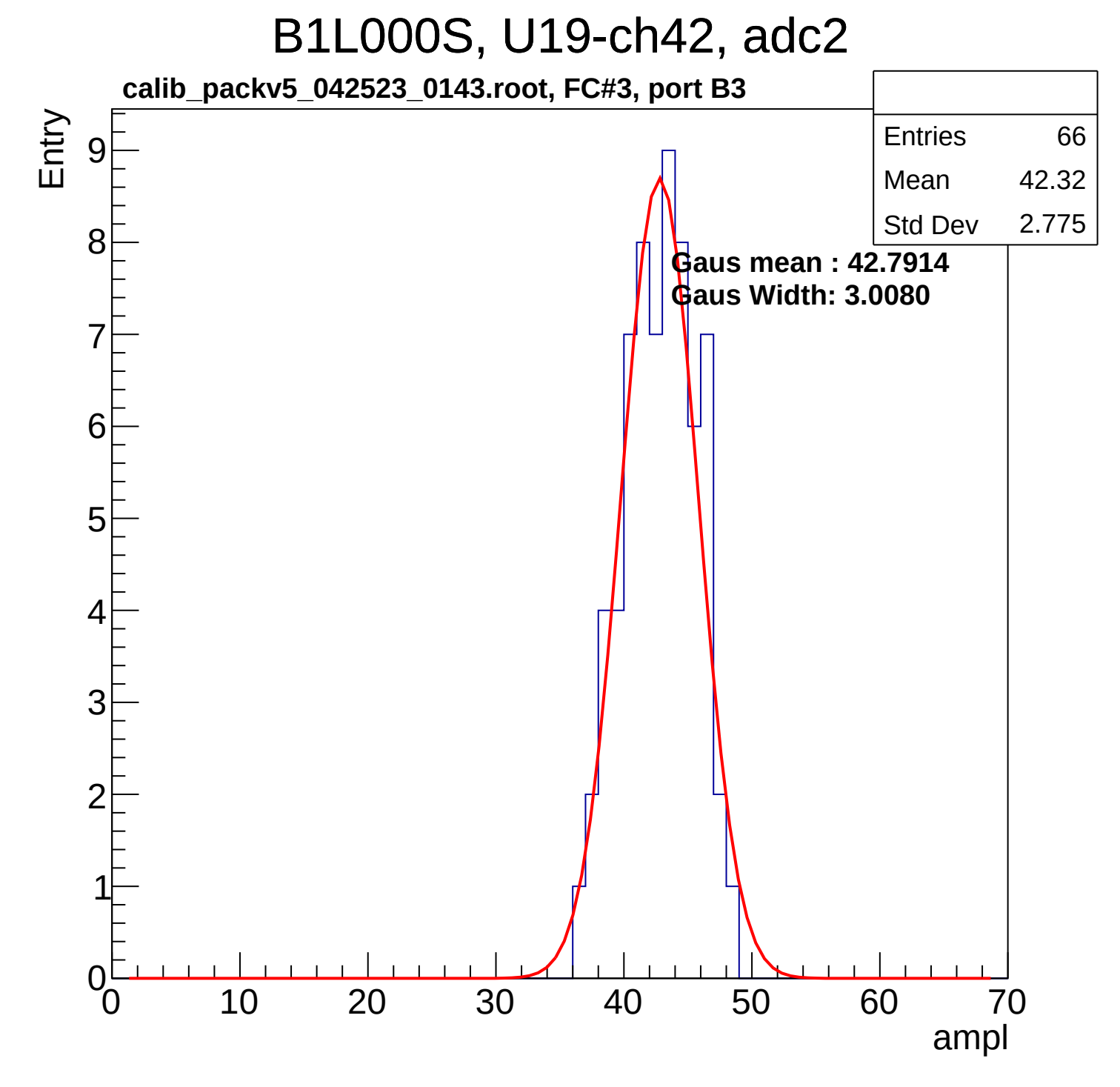
40
50
60
70


B1L000S, U19-ch41, 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, U19-ch42, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 28.35
Std Dev 2.473
Gaus mean : 28.8176
Gaus Width: 2.6282
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch42, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 35.03
Std Dev 3.206
Gaus mean : 35.6022
Gaus Width: 3.3448
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch42, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 42.32
Std Dev 2.775
Gaus mean : 42.7914
Gaus Width: 3.0080
Entry
ampl
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2
3
4
5
6
7
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9
0
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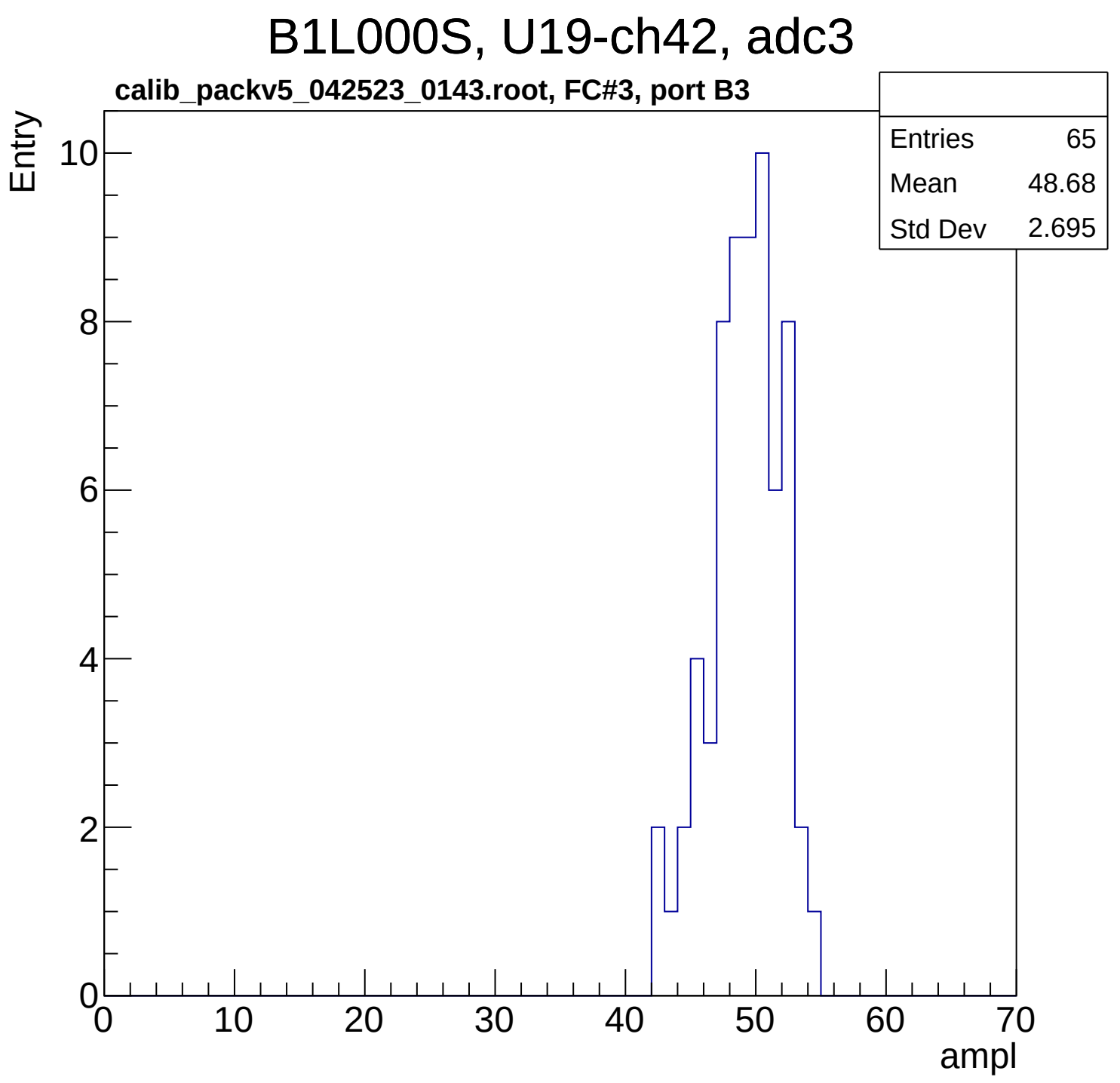
B1L000S, U19-ch42, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 48.68
Std Dev 2.695
Entry
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10
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10
20
30
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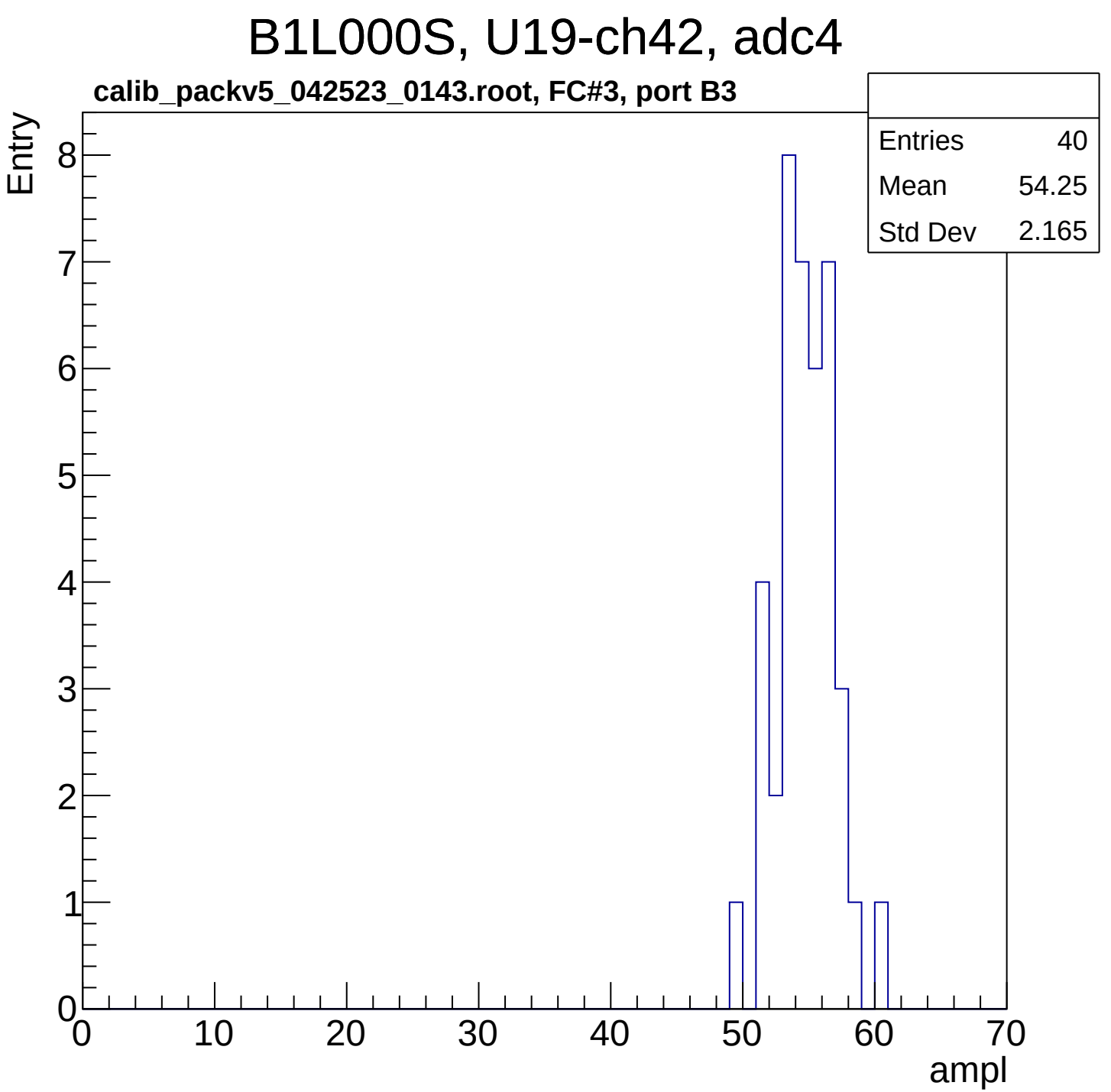
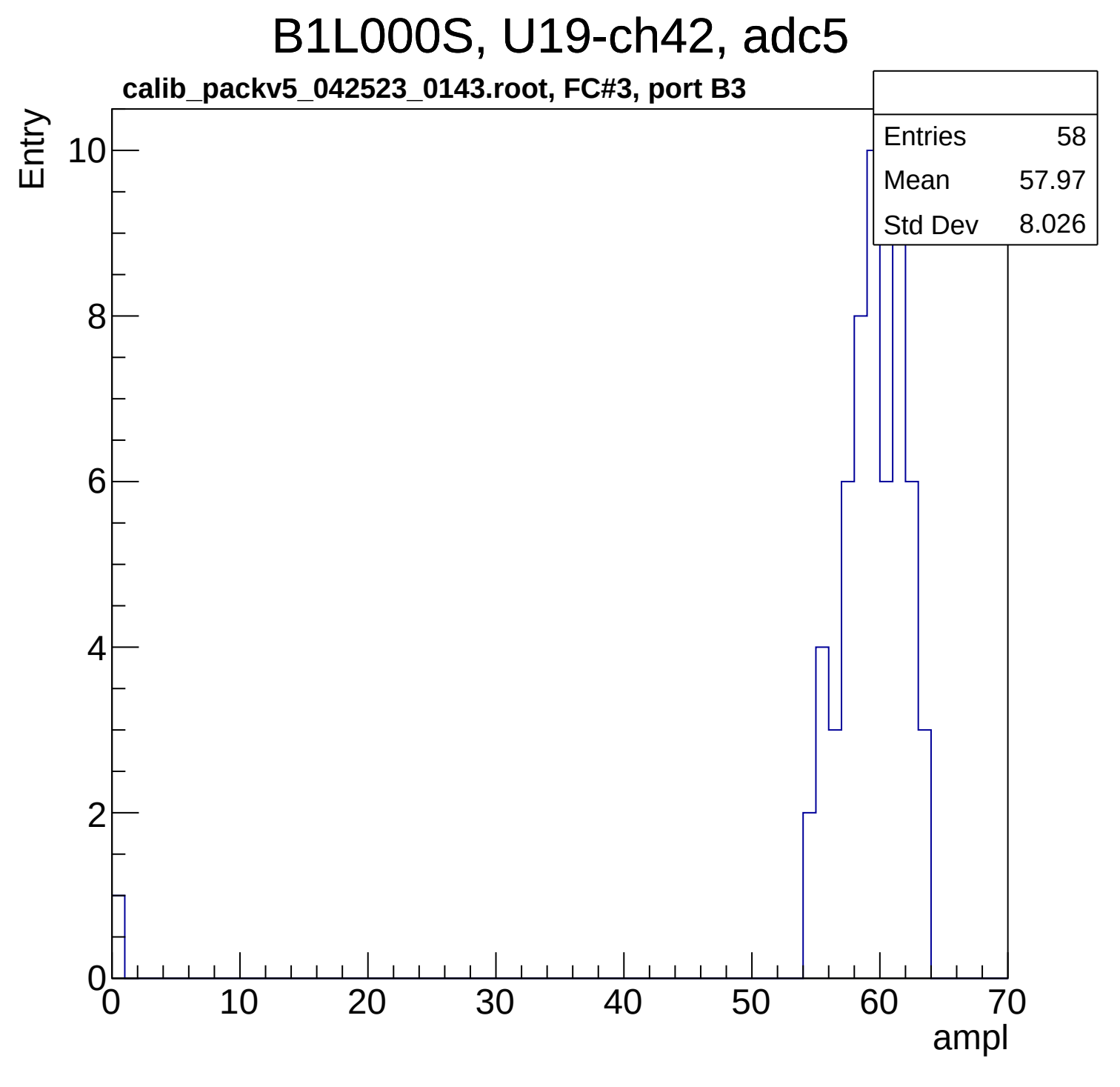
50
60
70
ampl


B1L000S, U19-ch42, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 40
Mean 54.25
Std Dev 2.165
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch42, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 57.97
Std Dev 8.026
Entry
ampl
0
2
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0
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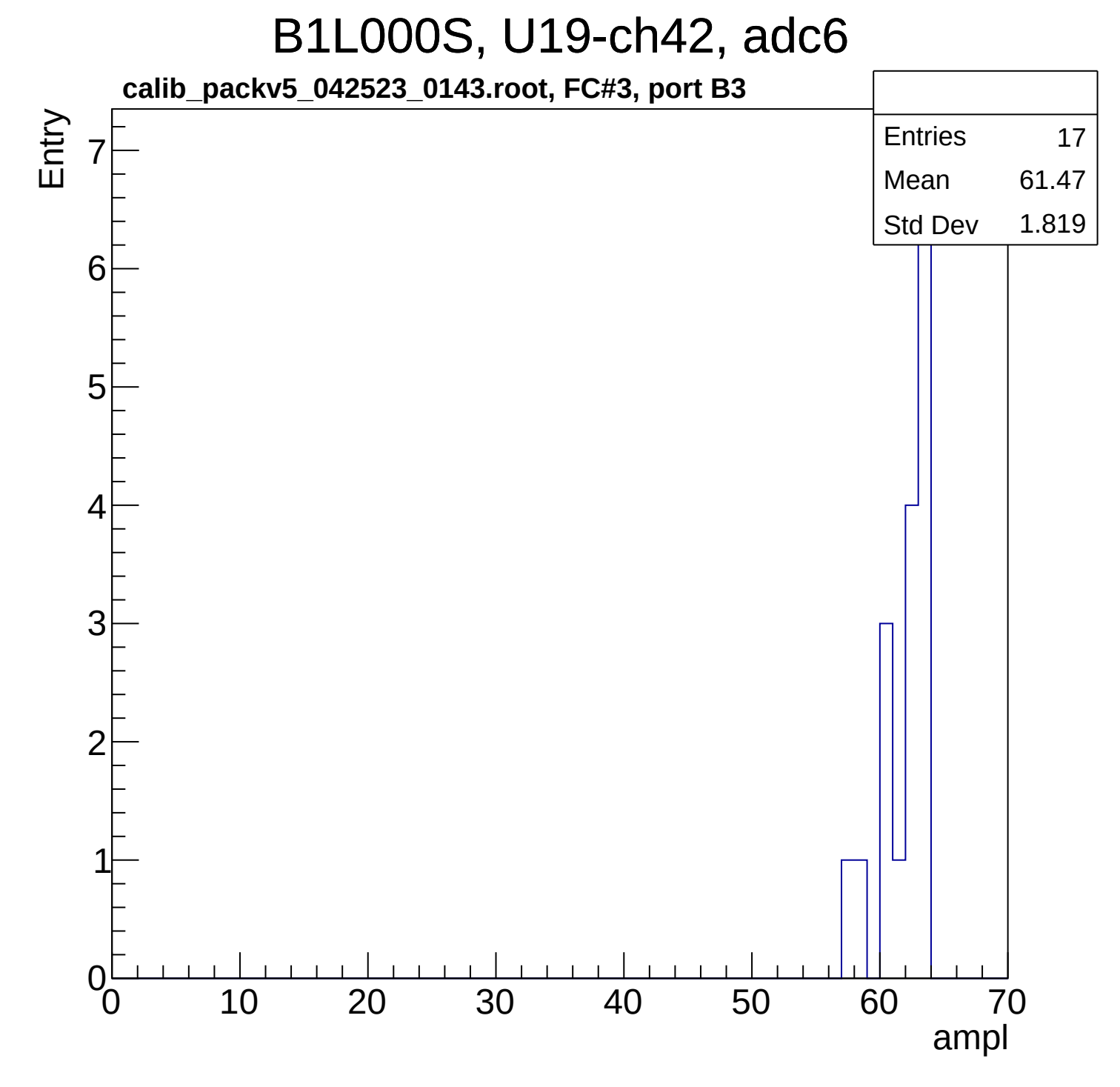
B1L000S, U19-ch42, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 61.47
Std Dev 1.819
Entry
ampl
0
1
2
3
4
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0
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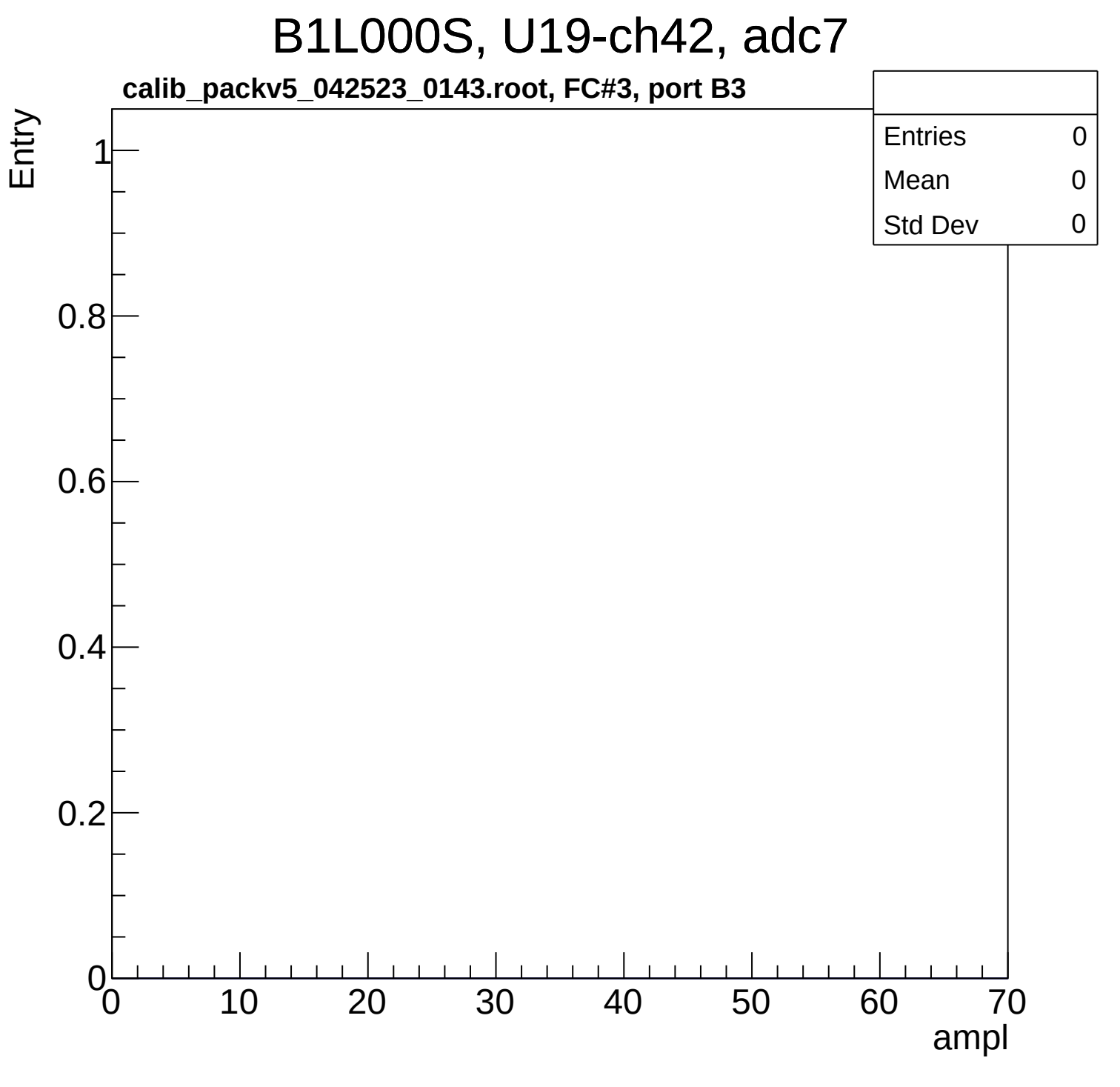
B1L000S, U19-ch42, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
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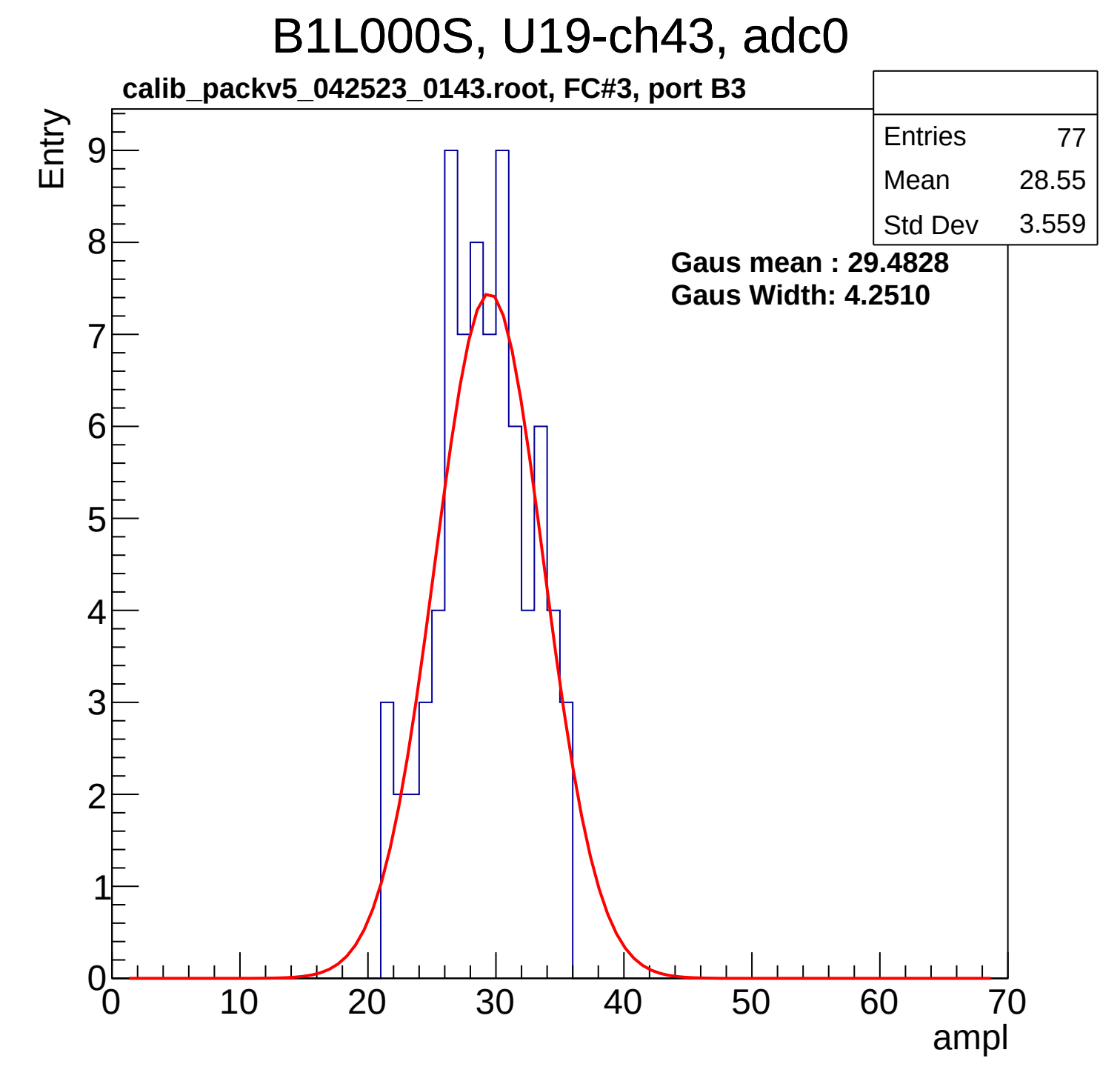
50
60
70
ampl


B1L000S, U19-ch43, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 28.55
Std Dev 3.559
Gaus mean : 29.4828
Gaus Width: 4.2510
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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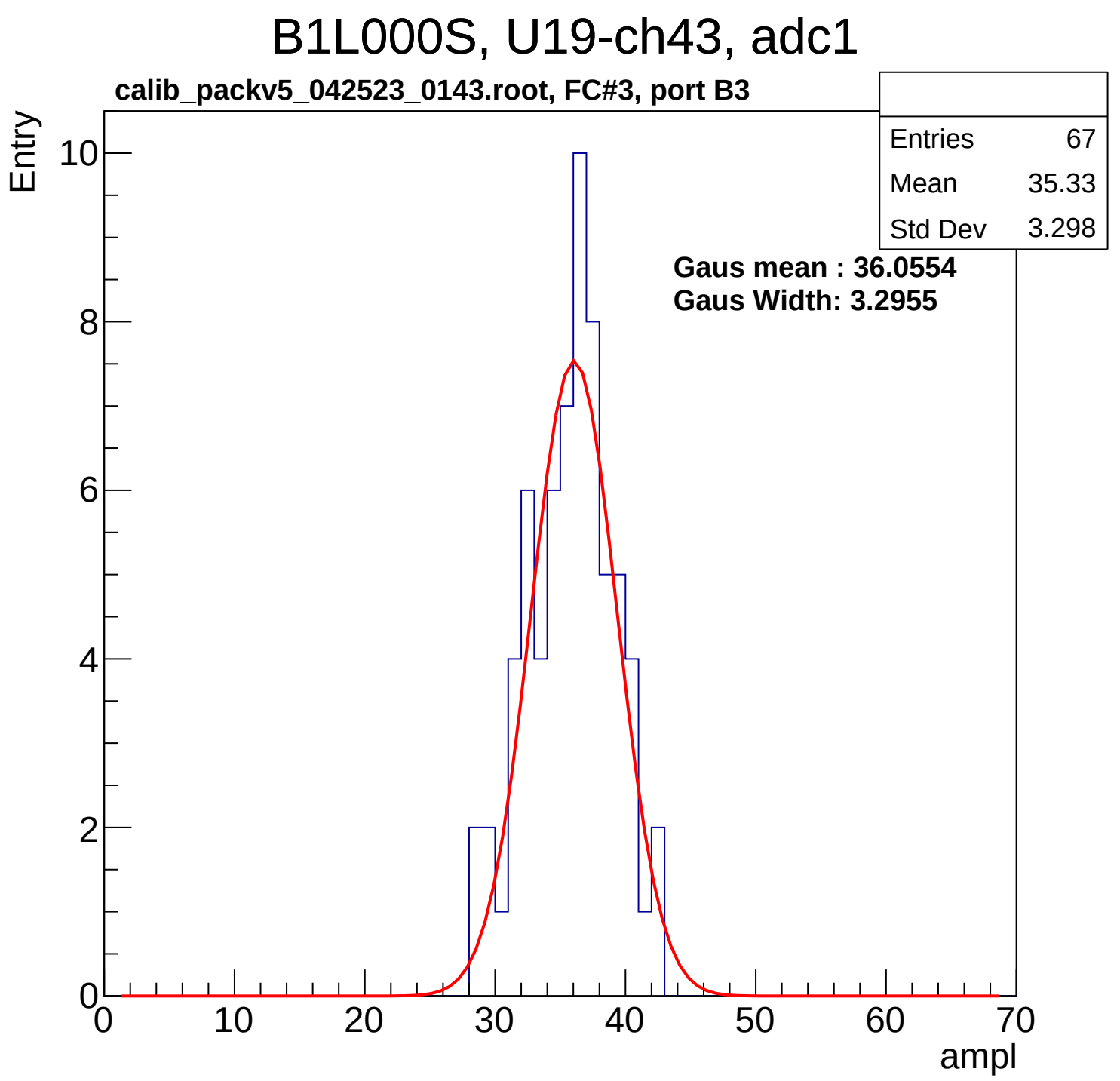
B1L000S, U19-ch43, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 35.33
Std Dev 3.298
Gaus mean : 36.0554
Gaus Width: 3.2955
Entry
ampl
0
2
4
6
8
10
0
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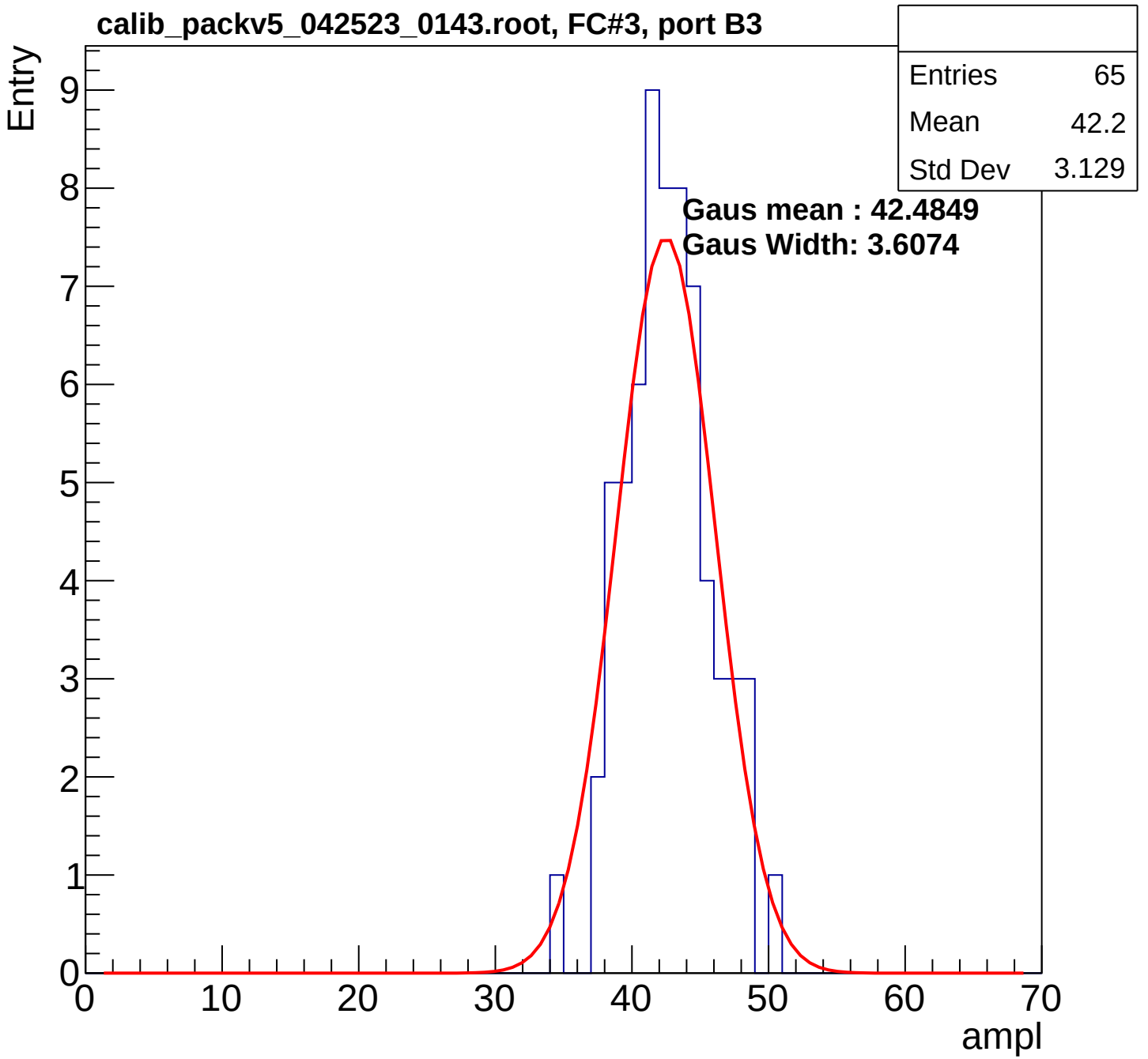
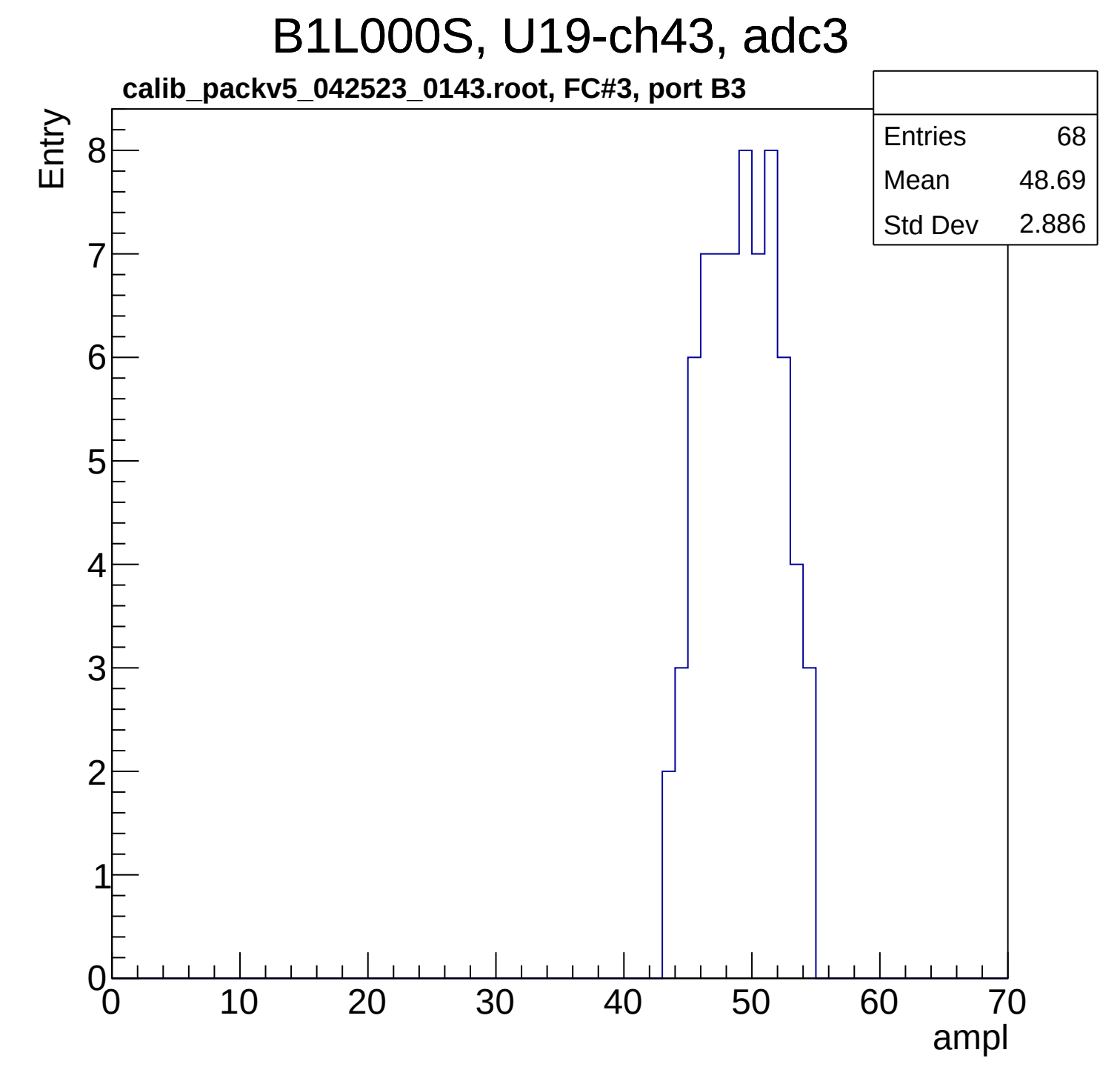
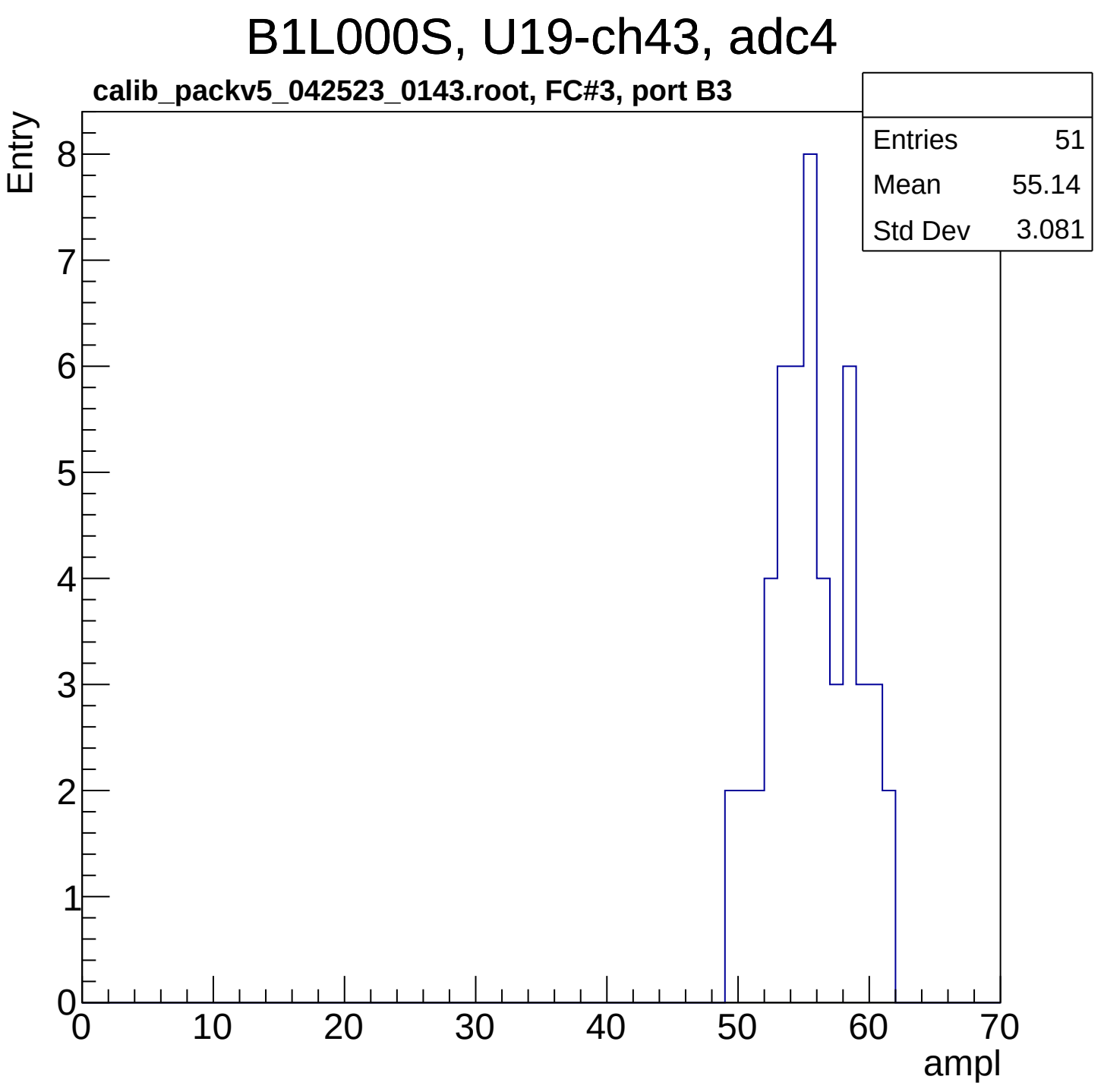
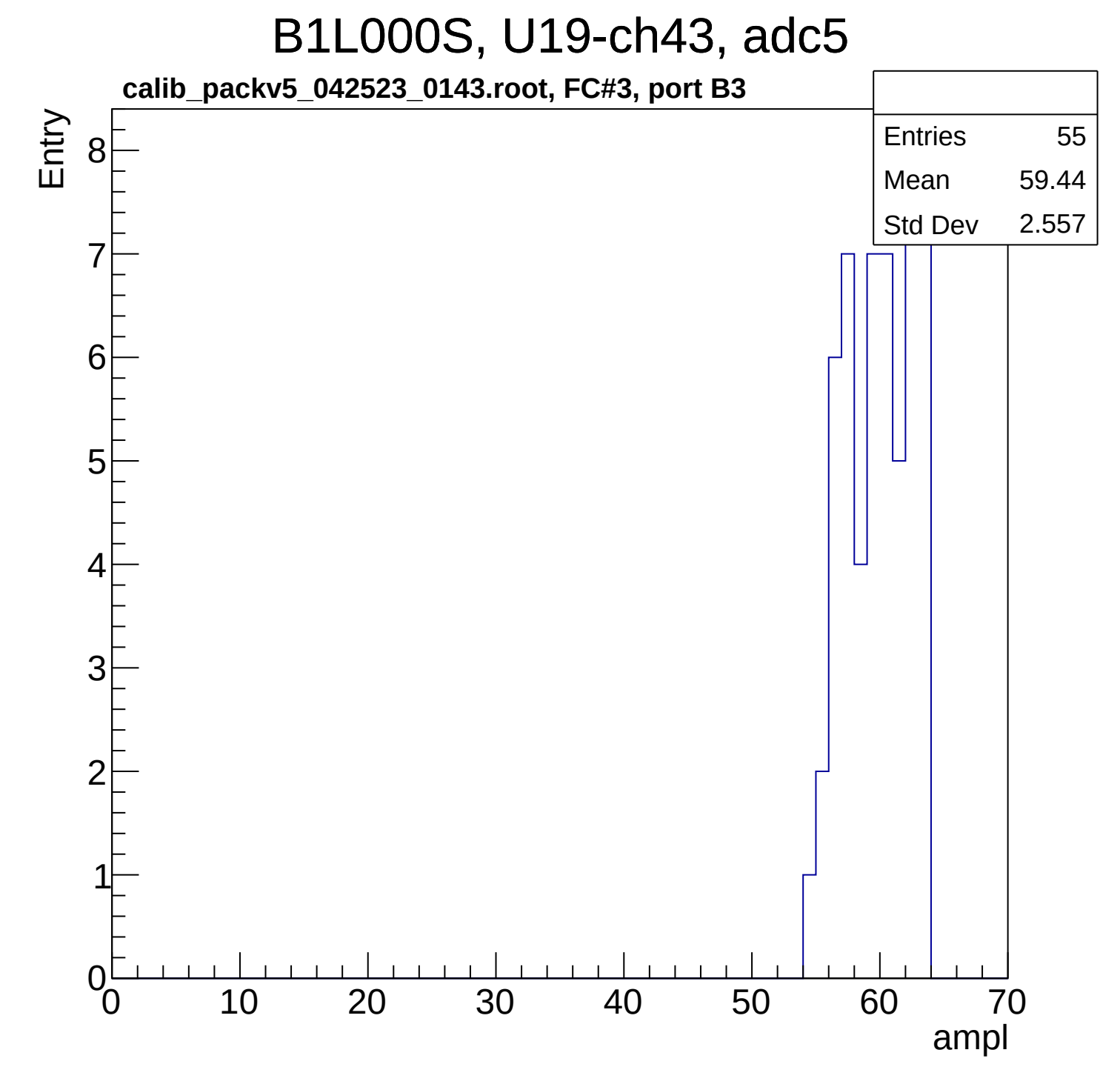
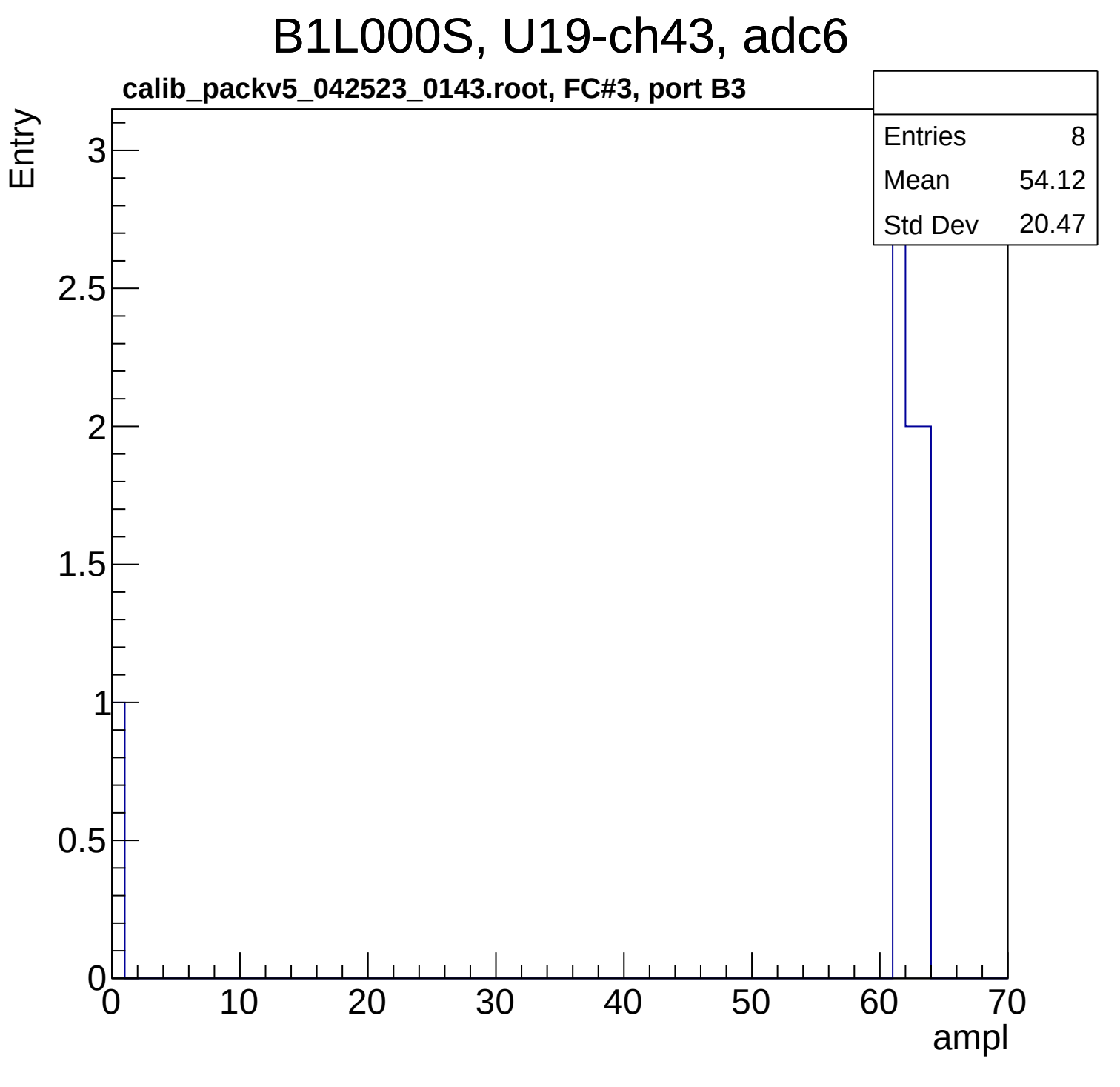
20
30
40
50
60
70

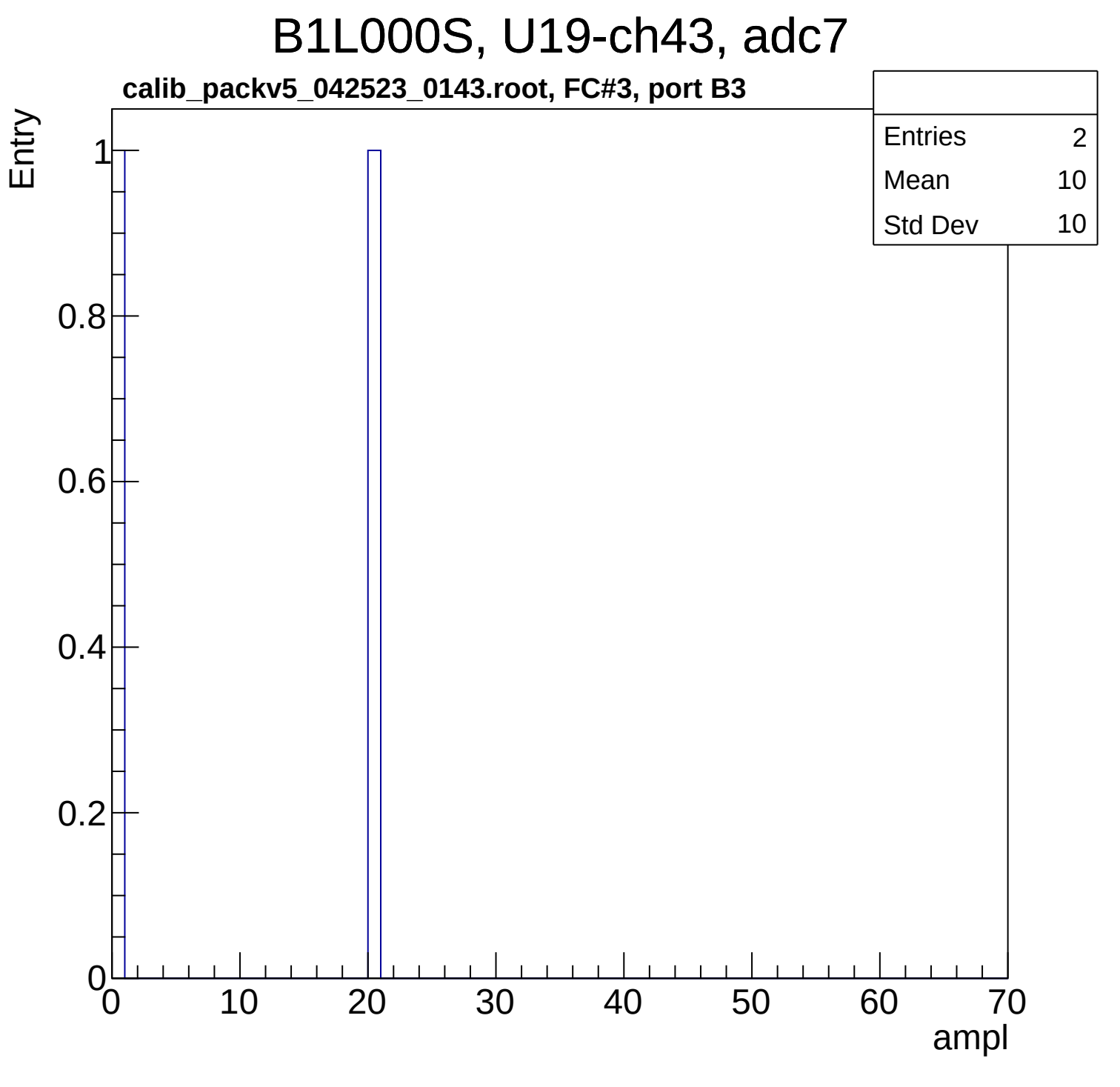

B1L000S, U19-ch43, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 42.2
Std Dev 3.129
Gaus mean : 42.4849
Gaus Width: 3.6074
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

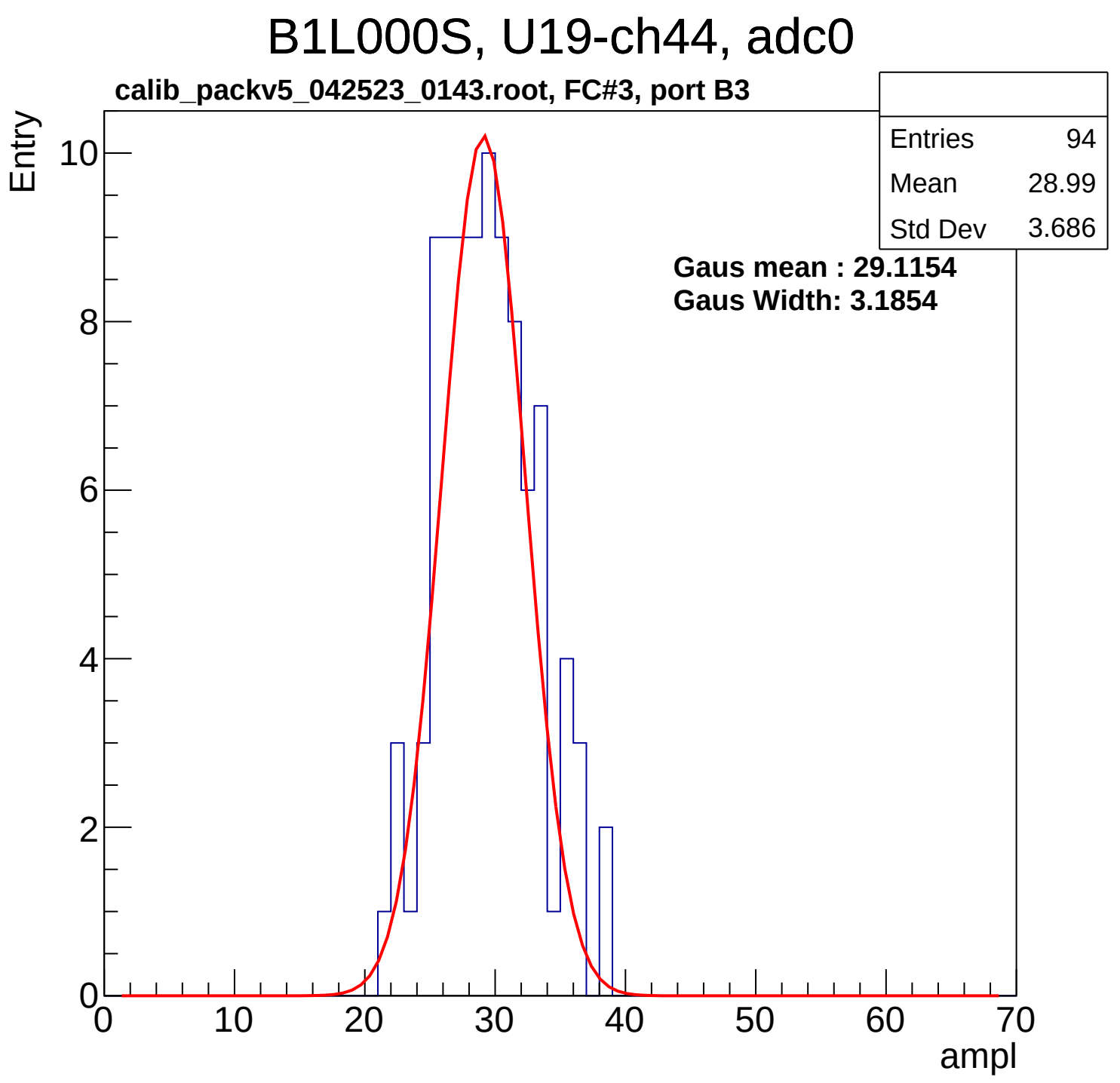

B1L000S, U19-ch43, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 48.69
Std Dev 2.886
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

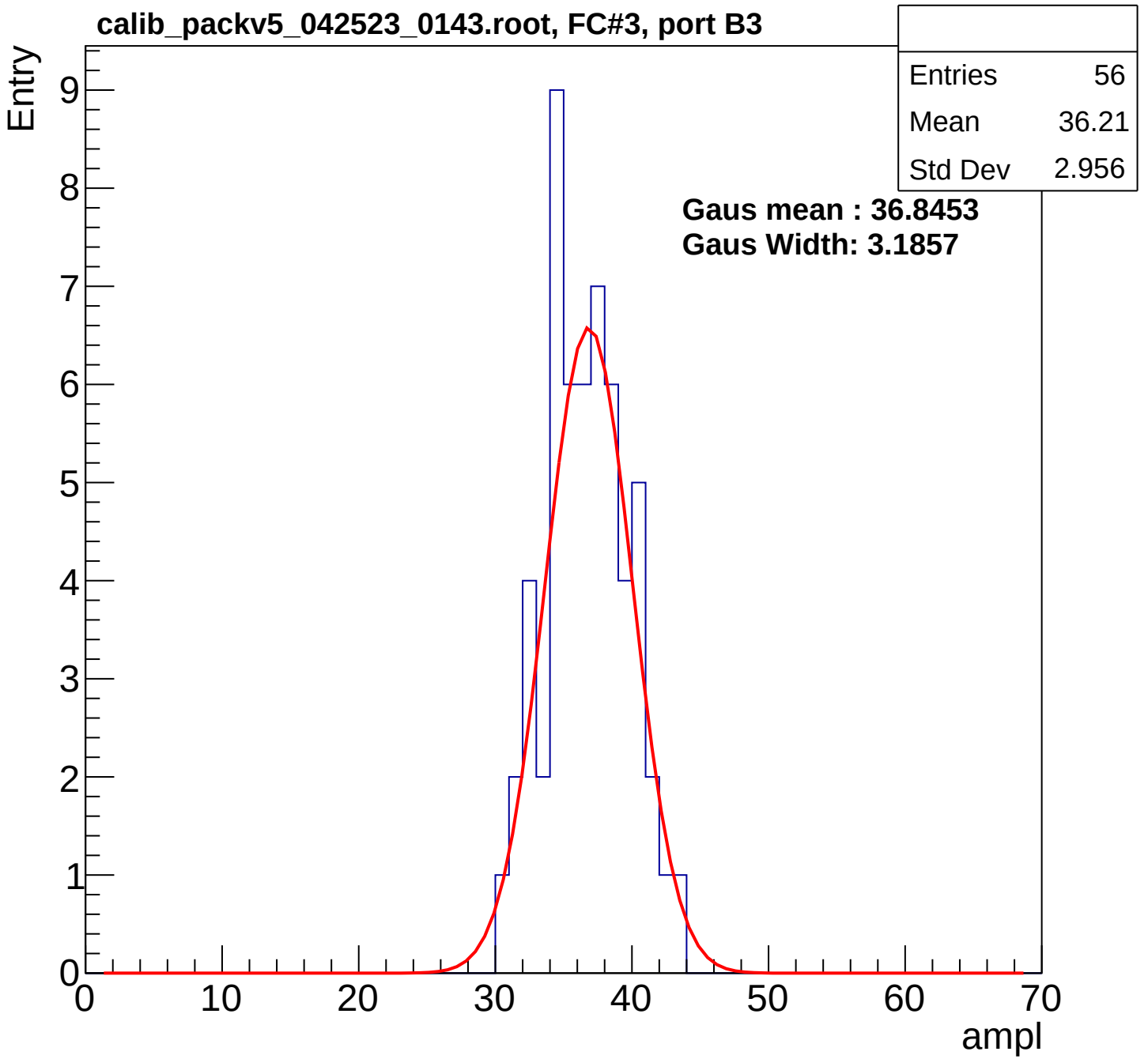

B1L000S, U19-ch43, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 55.14
Std Dev 3.081
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

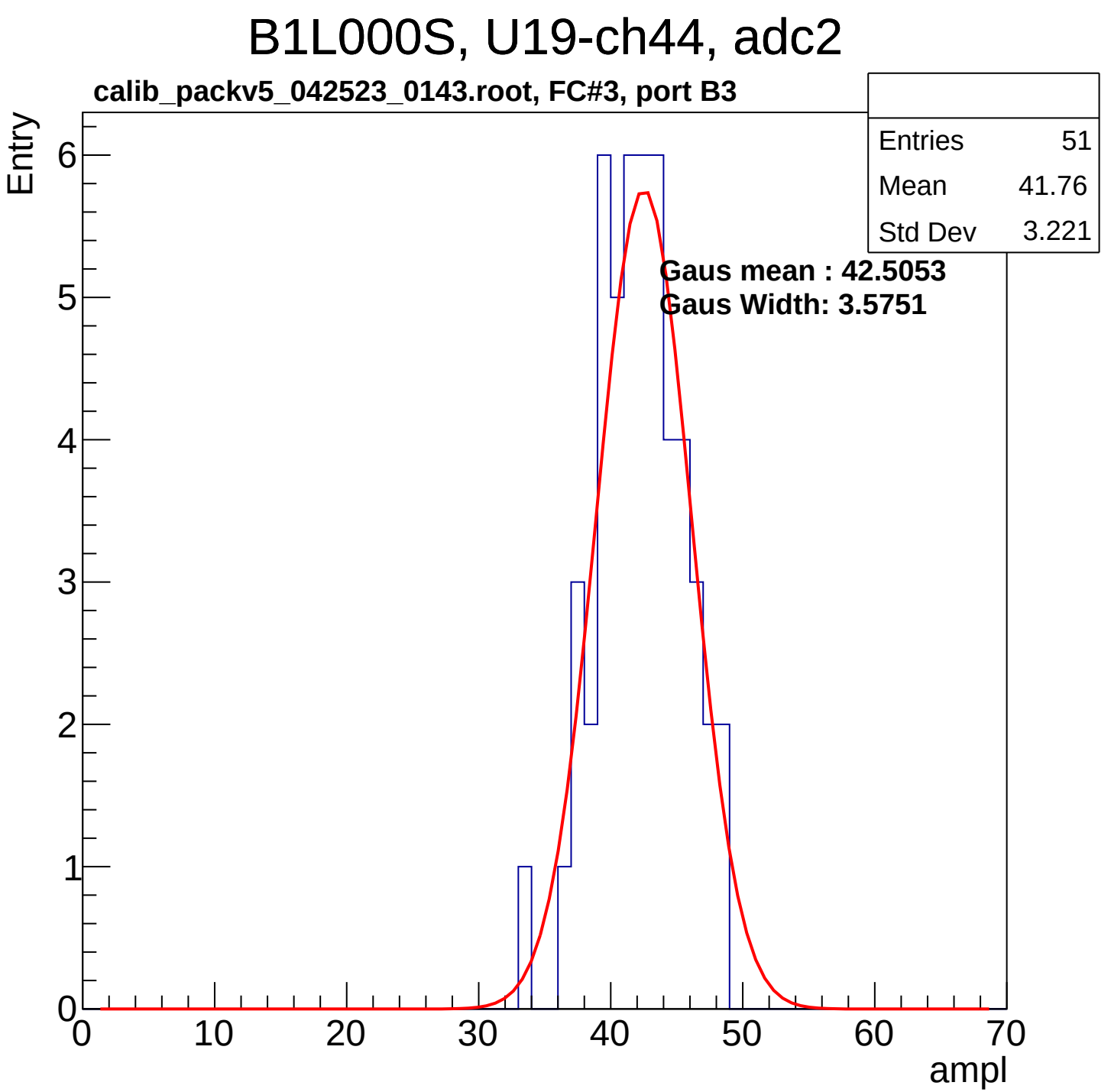

B1L000S, U19-ch43, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 59.44
Std Dev 2.557
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

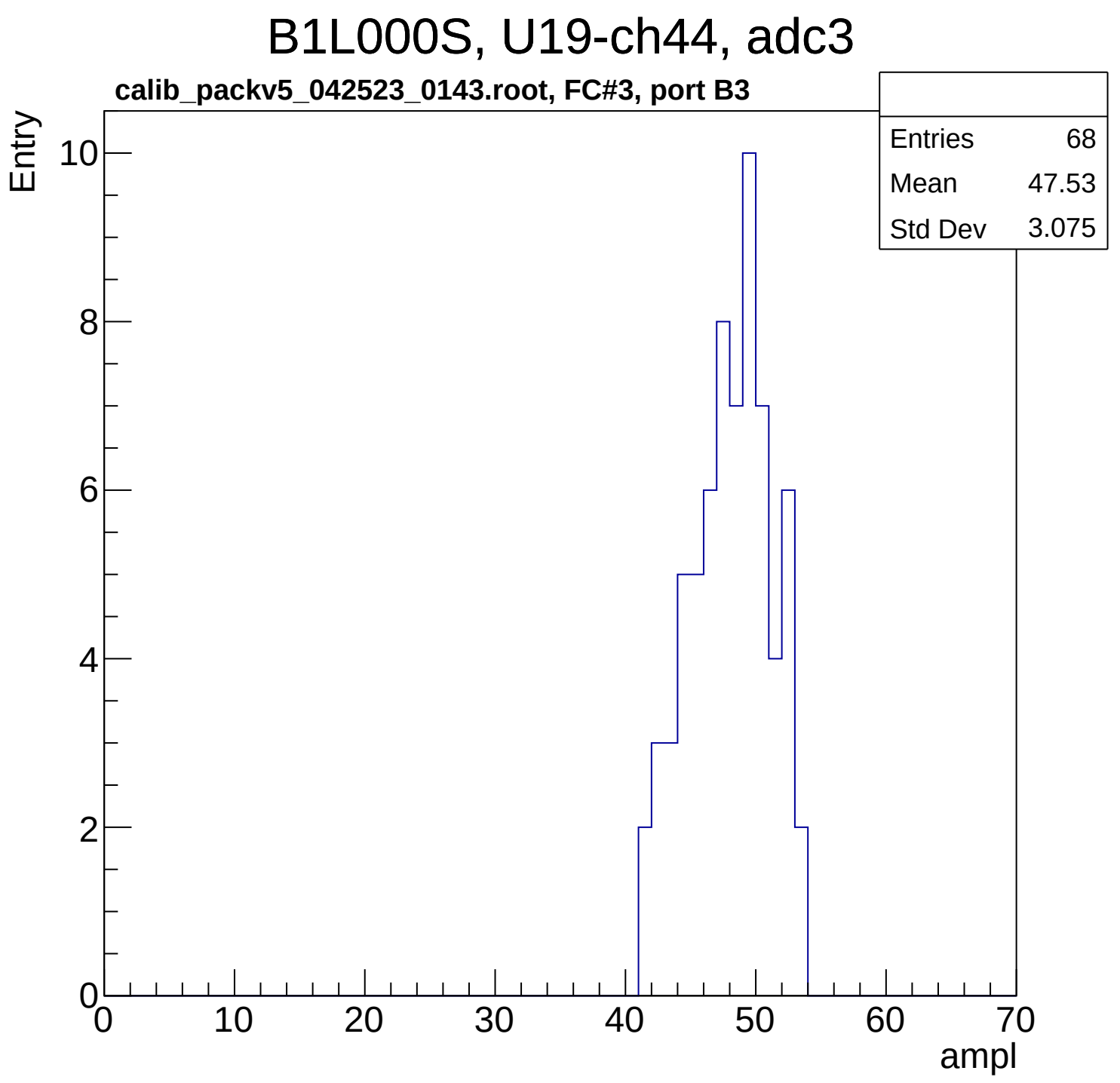

B1L000S, U19-ch43, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 54.12
Std Dev 20.47
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

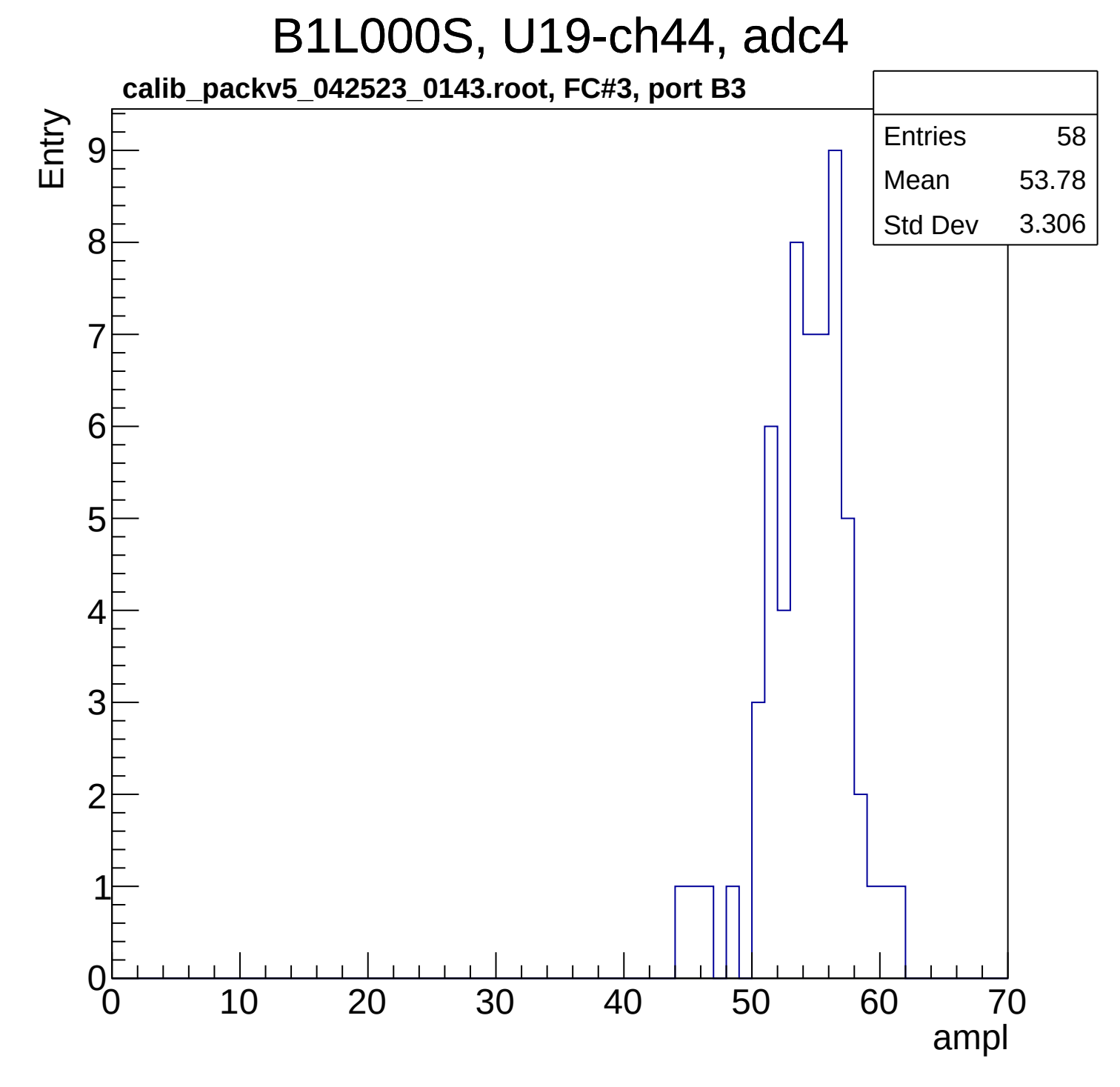

B1L000S, U19-ch43, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 10
Std Dev 10
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

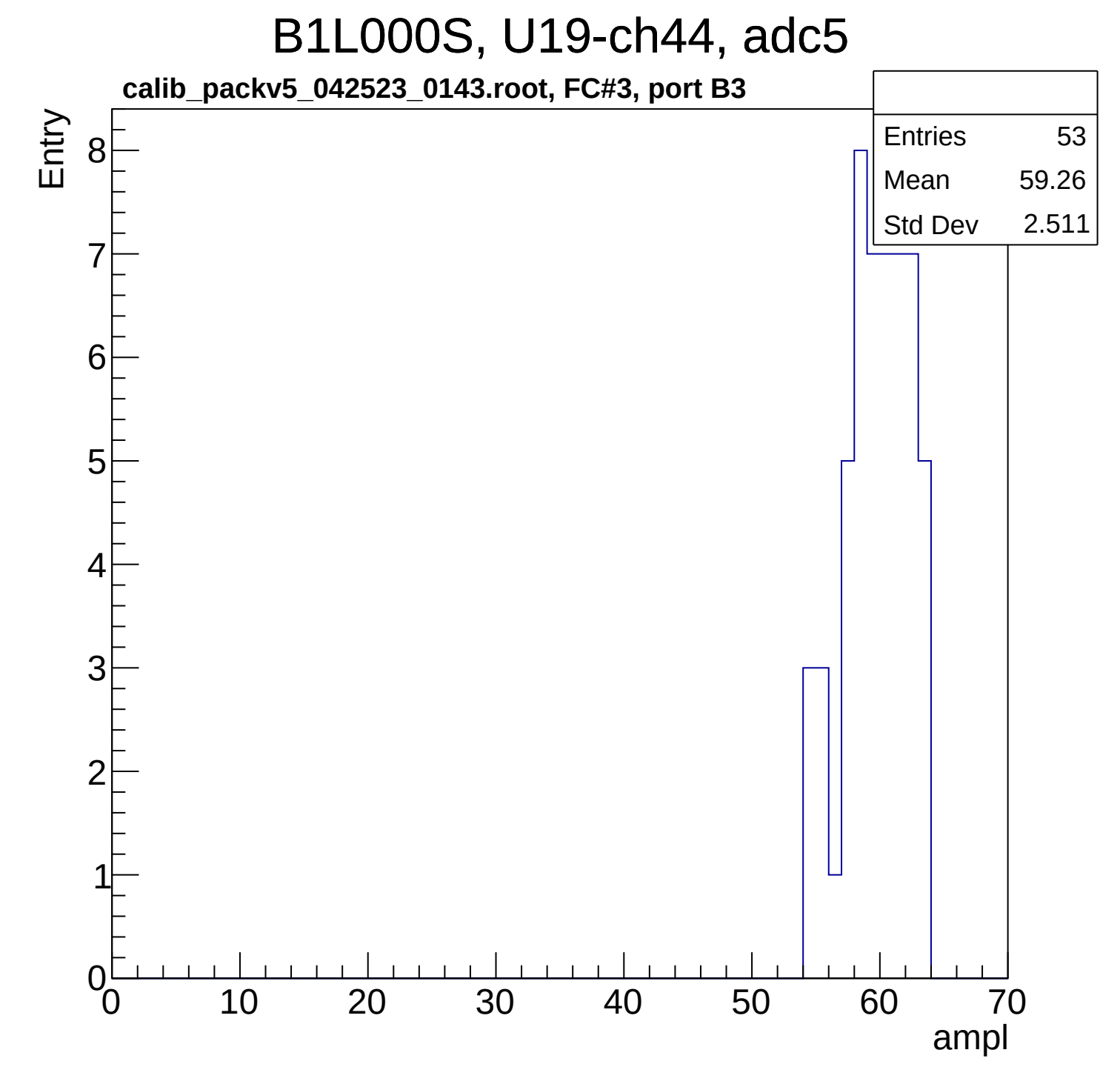

B1L000S, U19-ch44, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 94
Mean 28.99
Std Dev 3.686
Gaus mean : 29.1154
Gaus Width: 3.1854
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

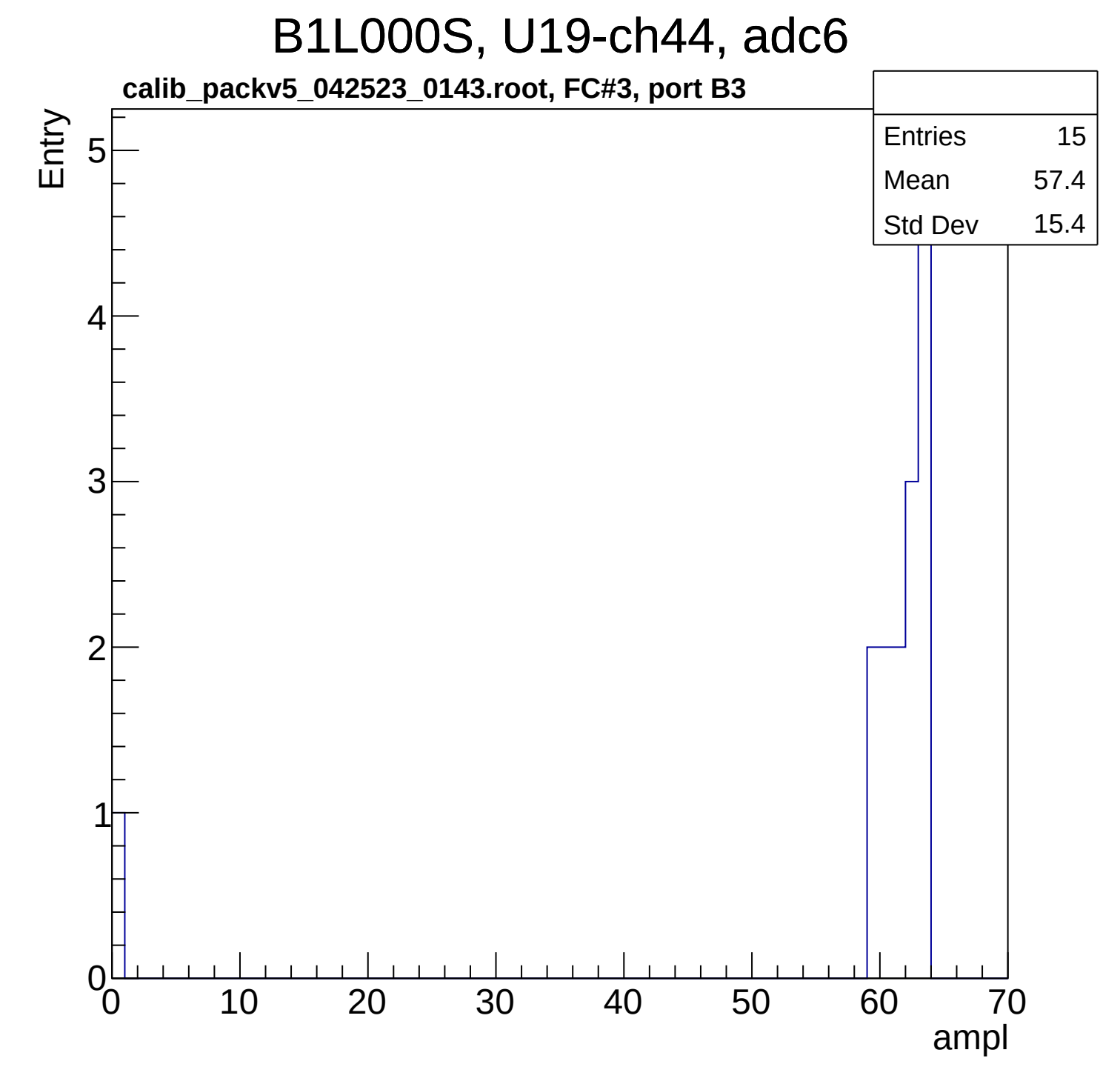

B1L000S, U19-ch44, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 36.21
Std Dev 2.956
Gaus mean : 36.8453
Gaus Width: 3.1857
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

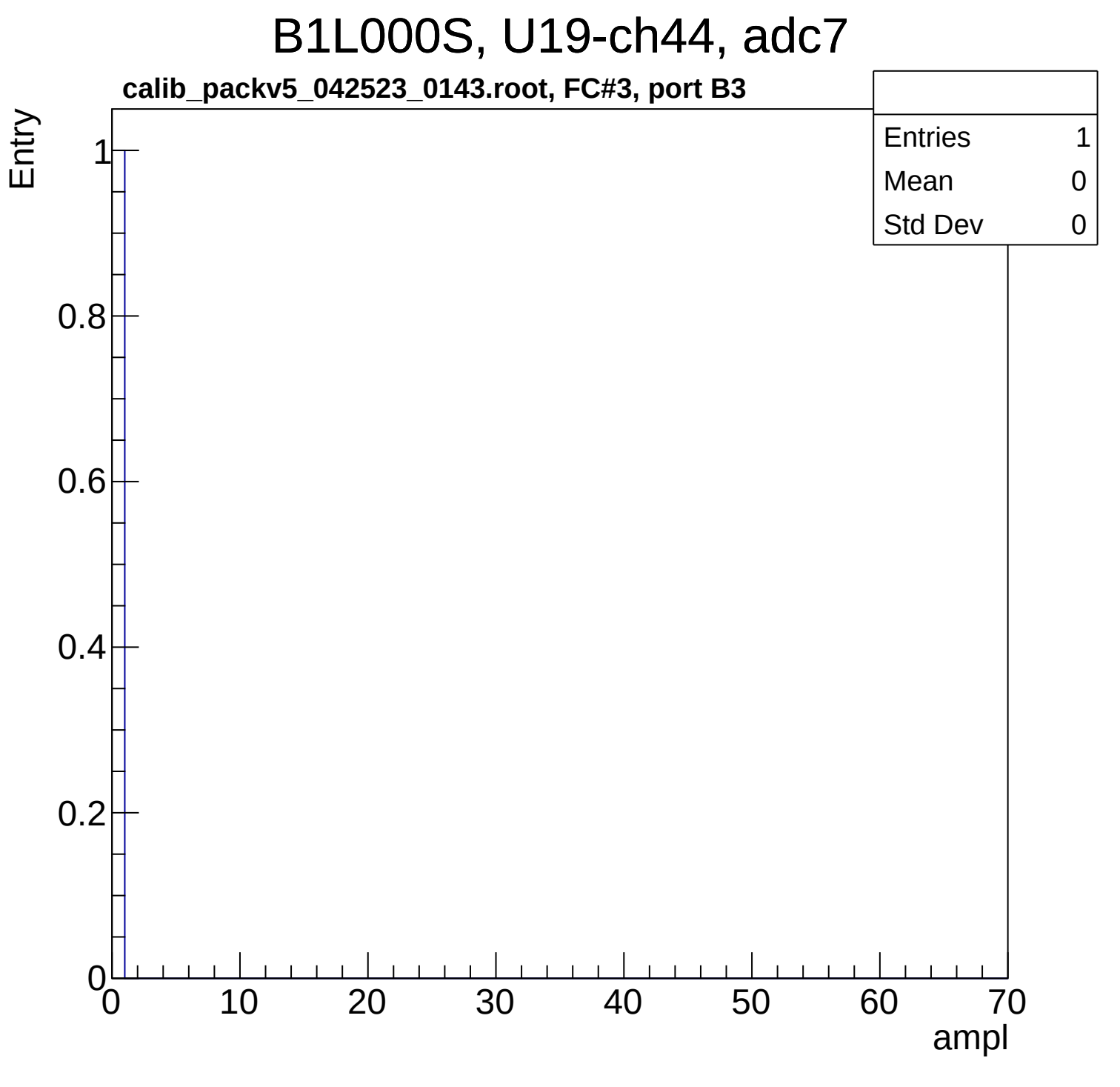

B1L000S, U19-ch44, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 41.76
Std Dev 3.221
Gaus mean : 42.5053
Gaus Width: 3.5751
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

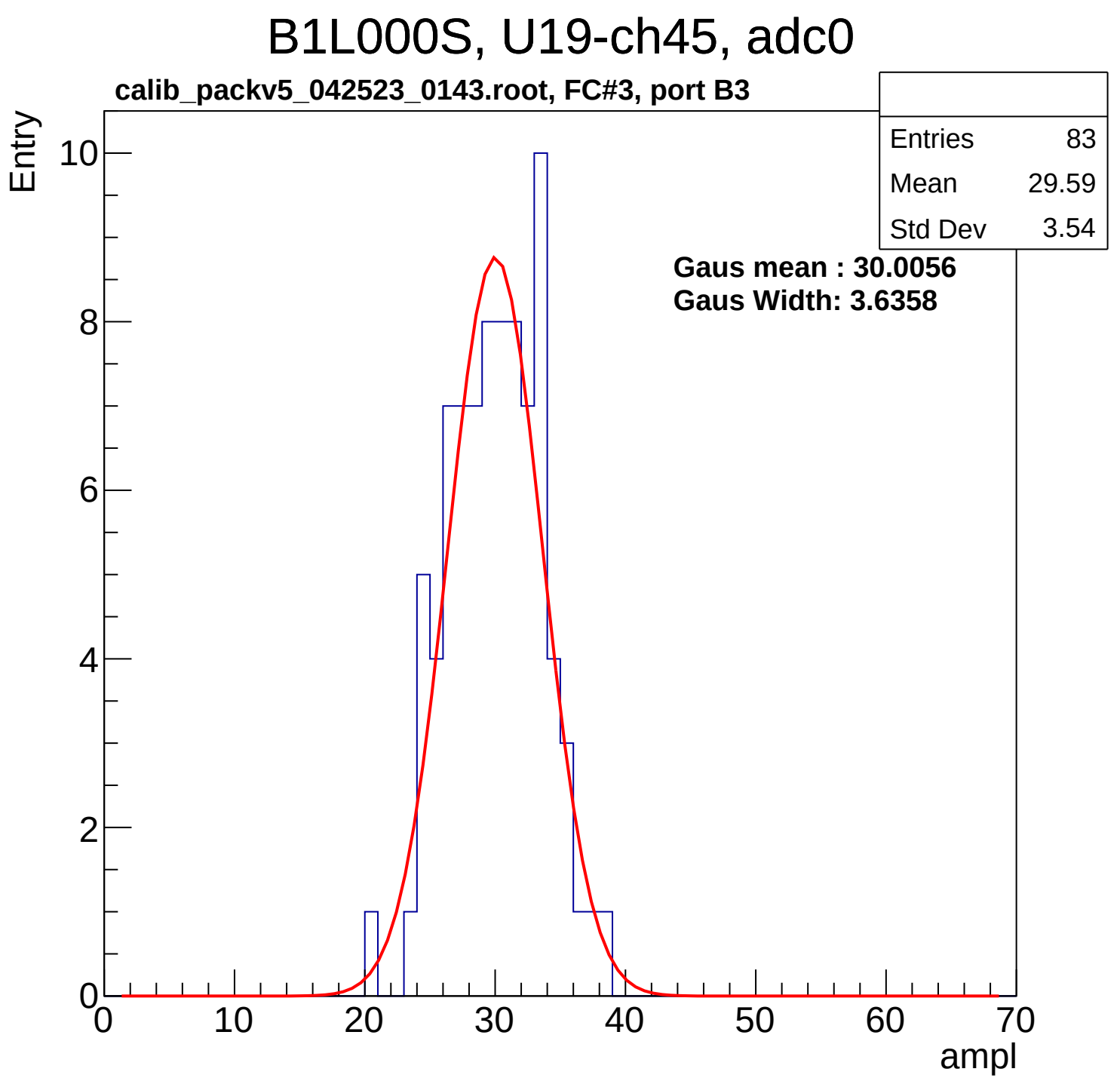

B1L000S, U19-ch44, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 47.53
Std Dev 3.075
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

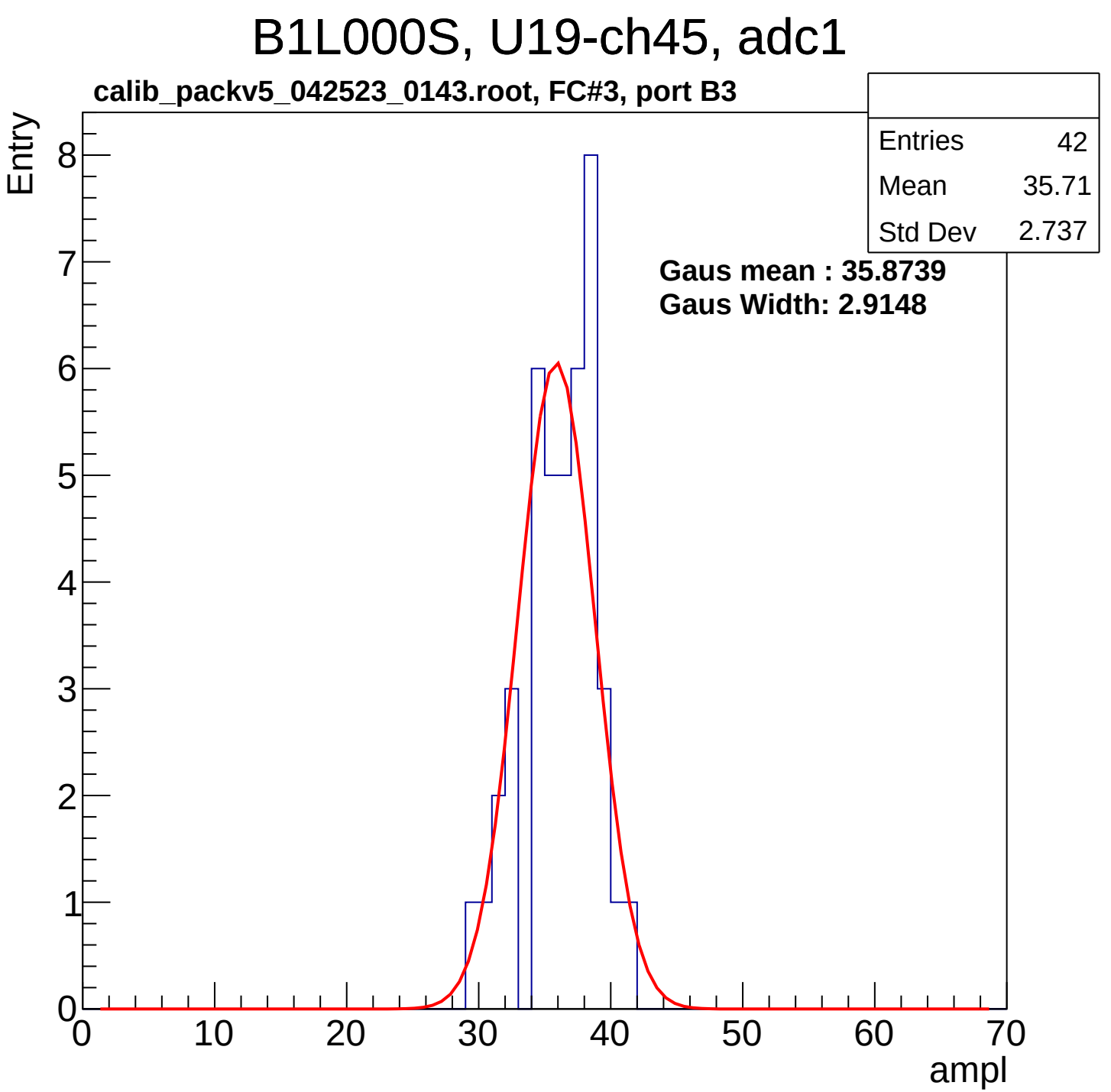

B1L000S, U19-ch44, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 53.78
Std Dev 3.306
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

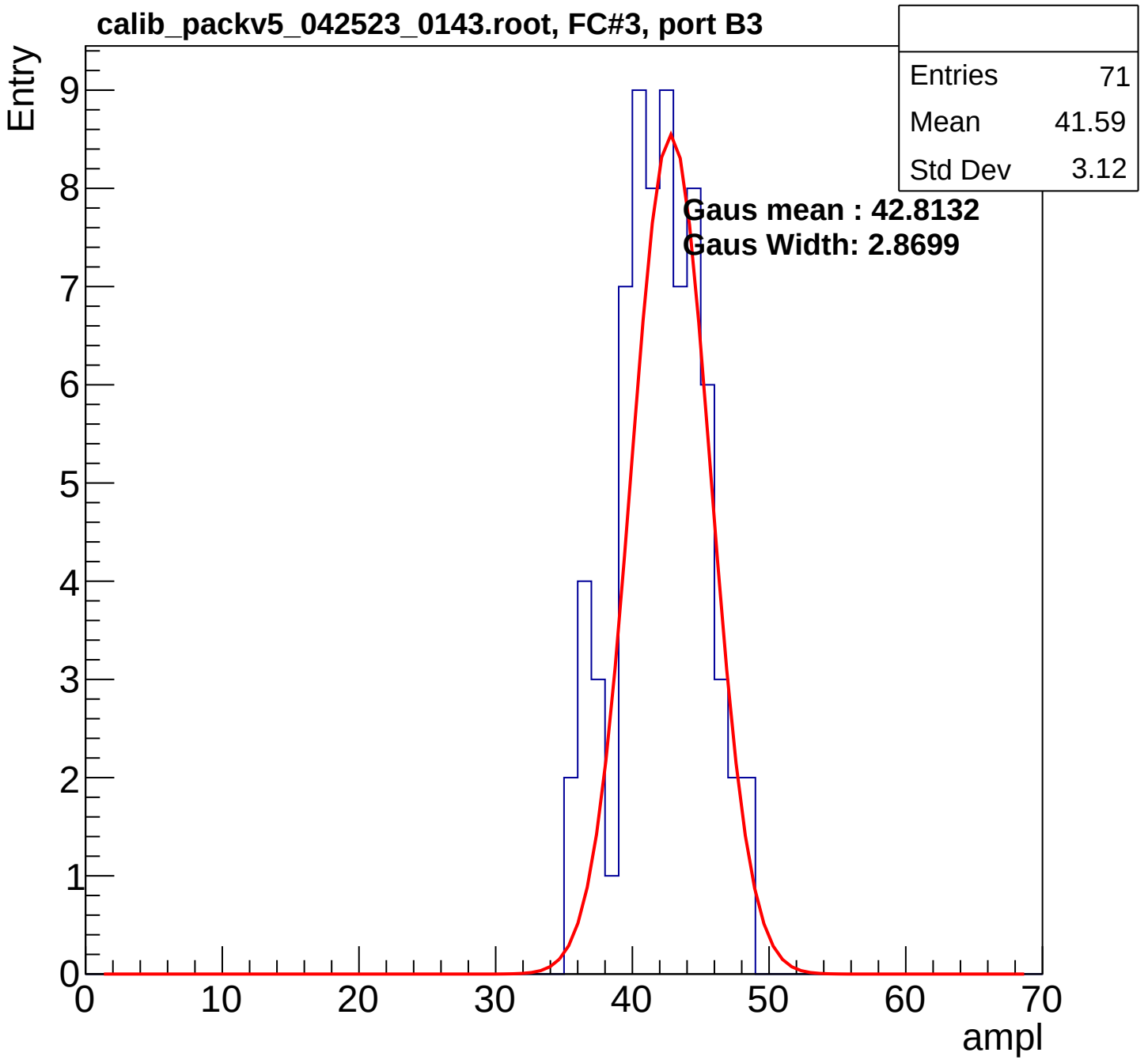

B1L000S, U19-ch44, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 59.26
Std Dev 2.511
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch44, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 57.4
Std Dev 15.4
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch44, 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, U19-ch45, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 83
Mean 29.59
Std Dev 3.54
Gaus mean : 30.0056
Gaus Width: 3.6358
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch45, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 35.71
Std Dev 2.737
Gaus mean : 35.8739
Gaus Width: 2.9148
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch45, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 41.59
Std Dev 3.12
Gaus mean : 42.8132
Gaus Width: 2.8699
Entry
ampl
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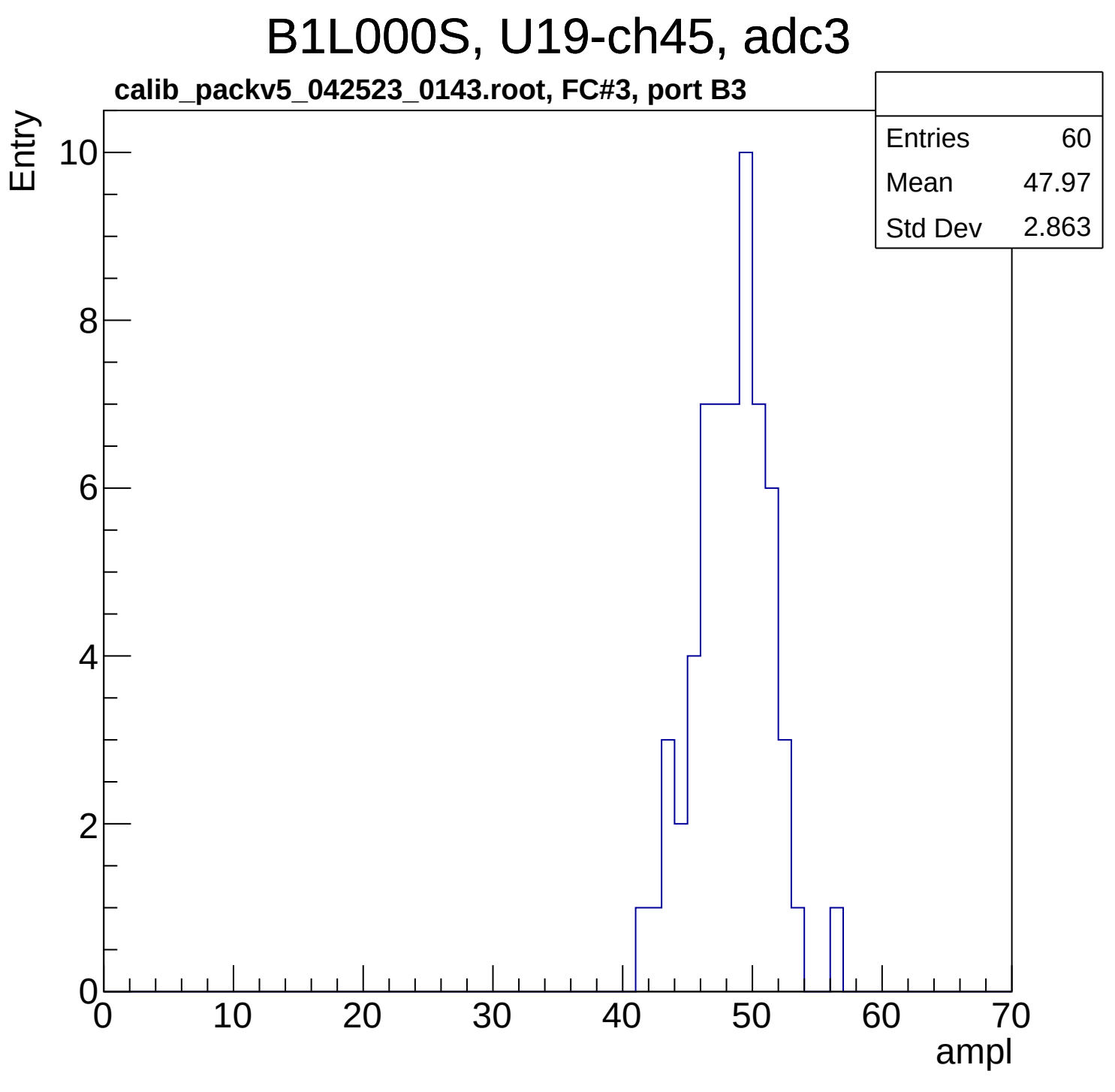
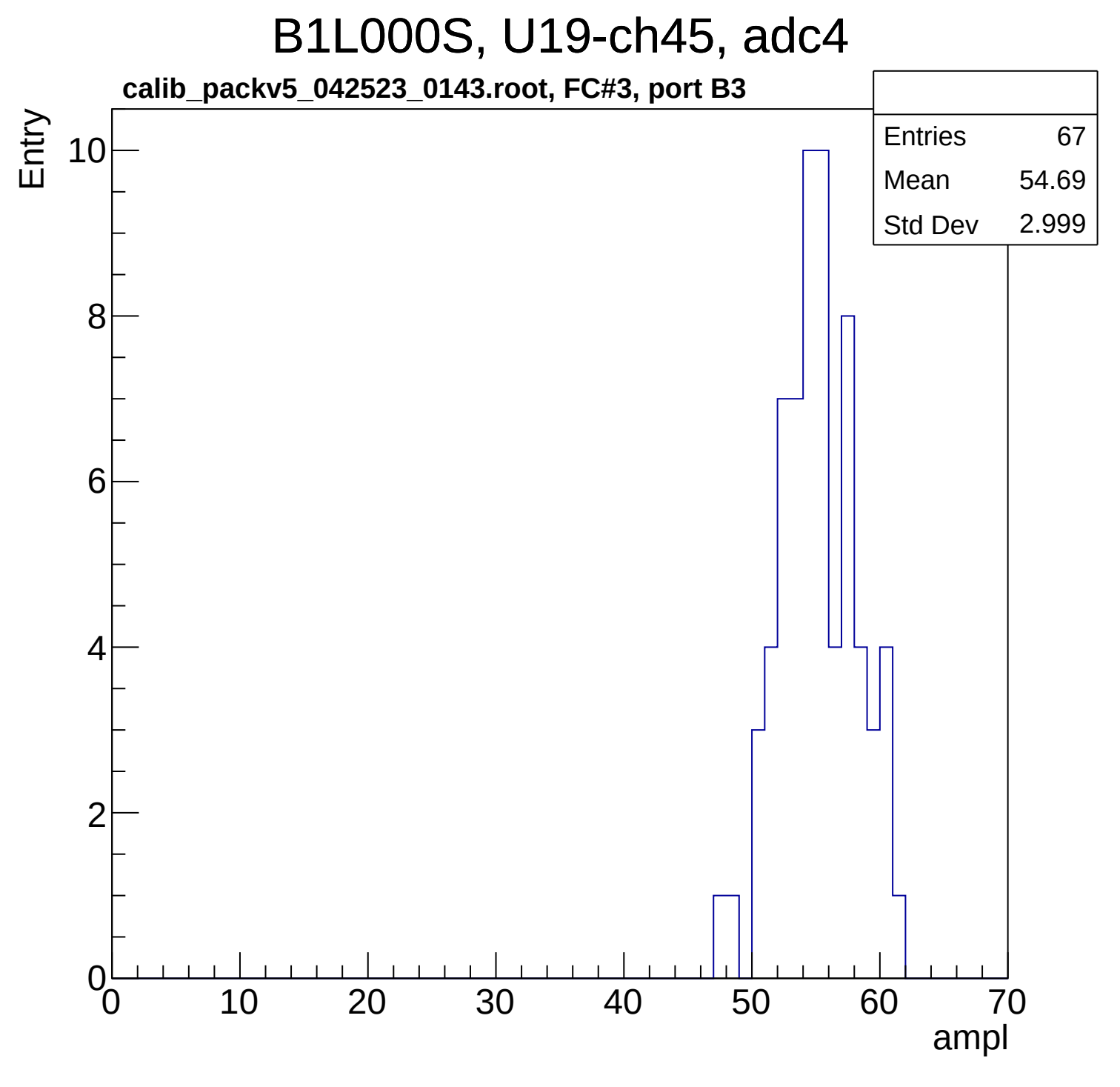
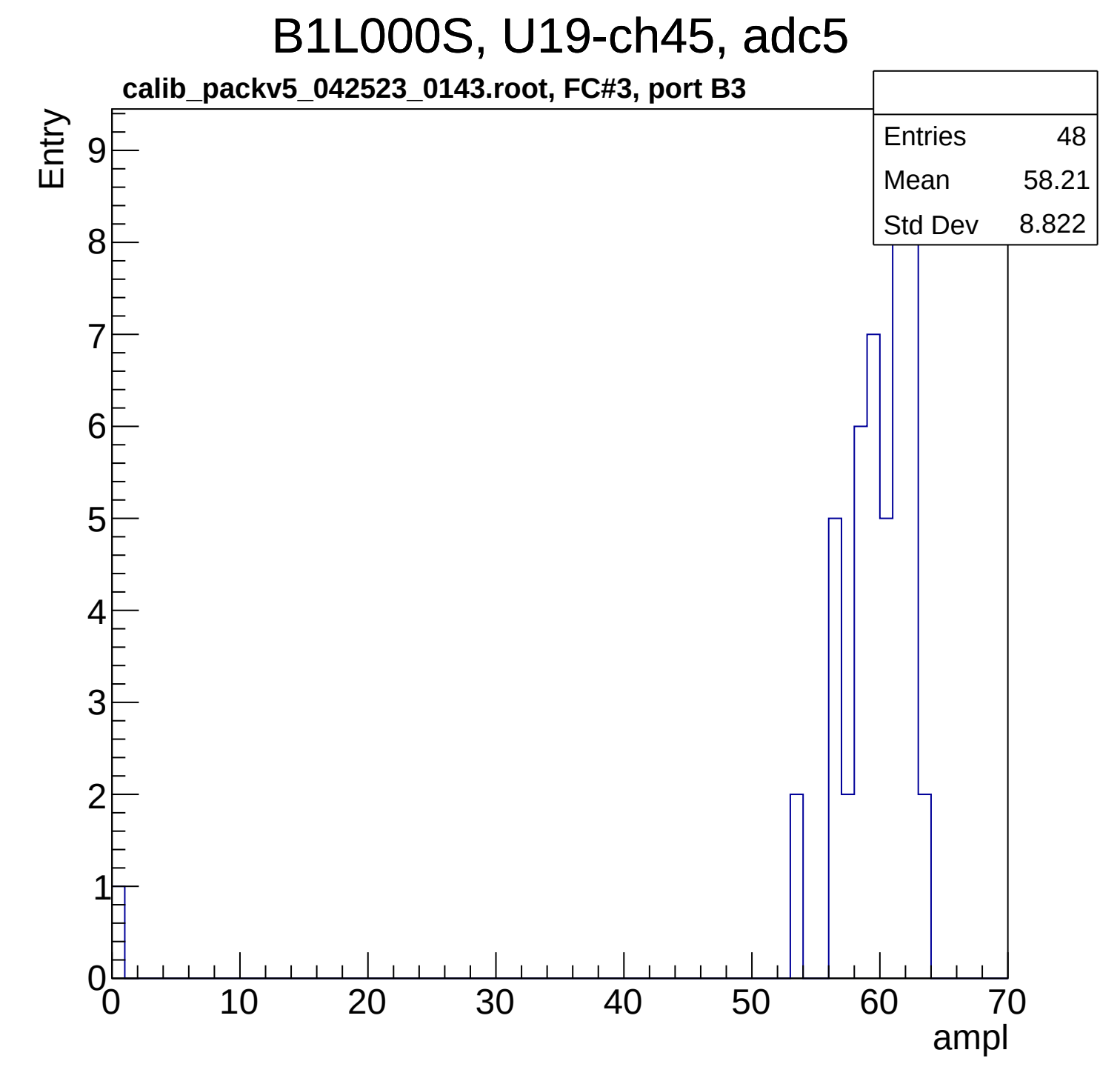
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch45, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 47.97
Std Dev 2.863
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch45, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 54.69
Std Dev 2.999
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch45, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 58.21
Std Dev 8.822
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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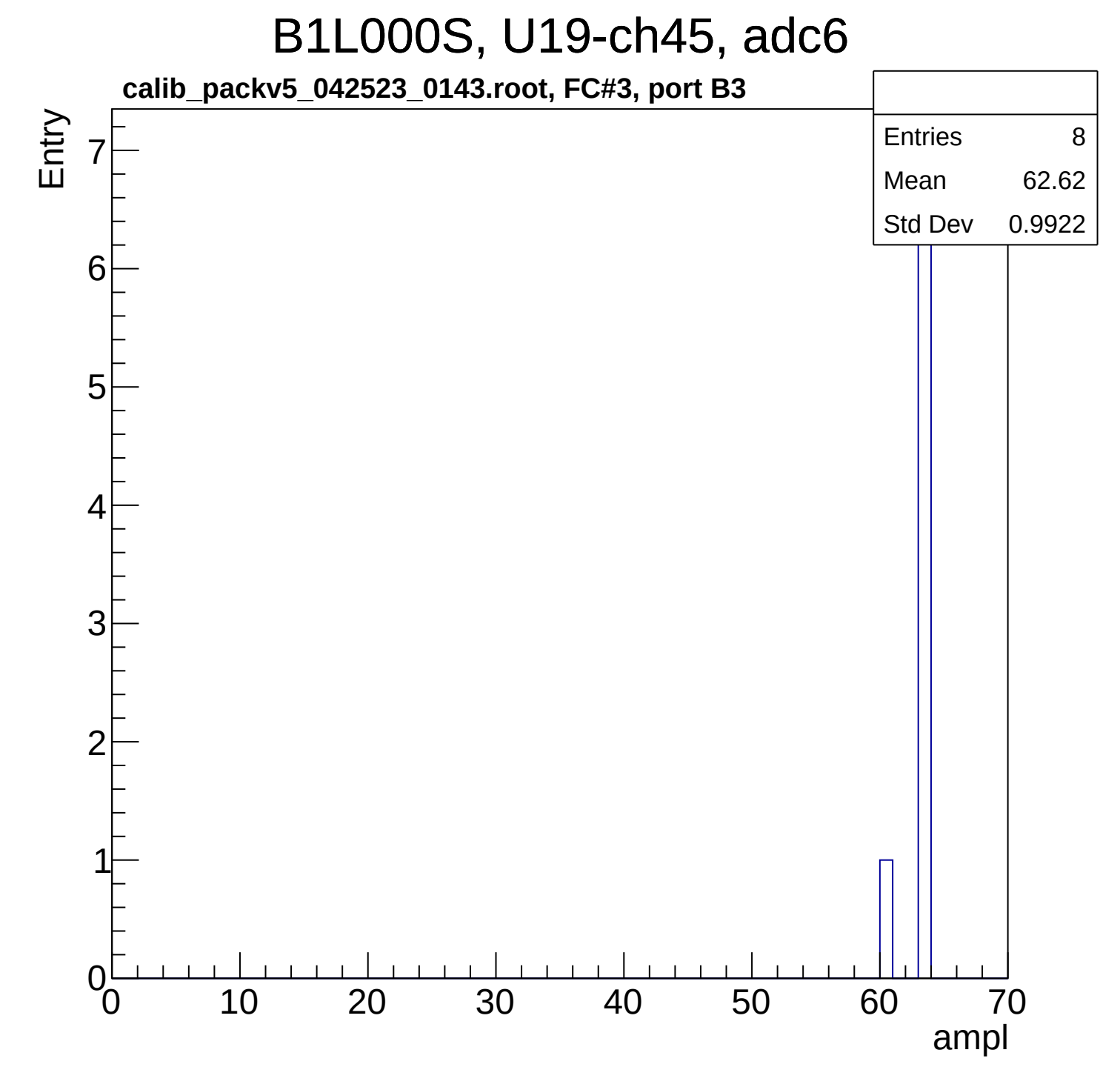
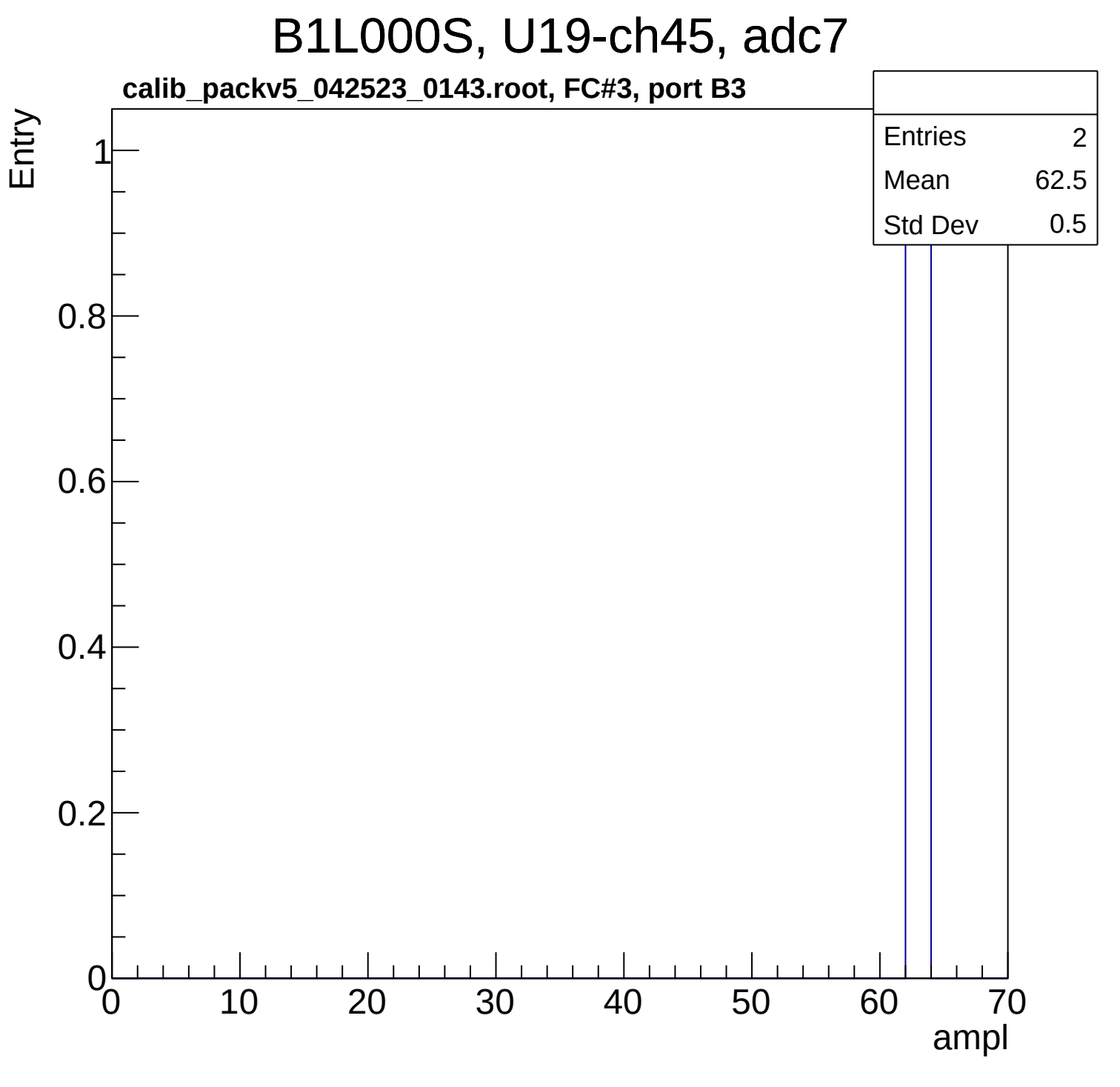

B1L000S, U19-ch45, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 62.62
Std Dev 0.9922
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U19-ch45, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 62.5
Std Dev 0.5
Entry
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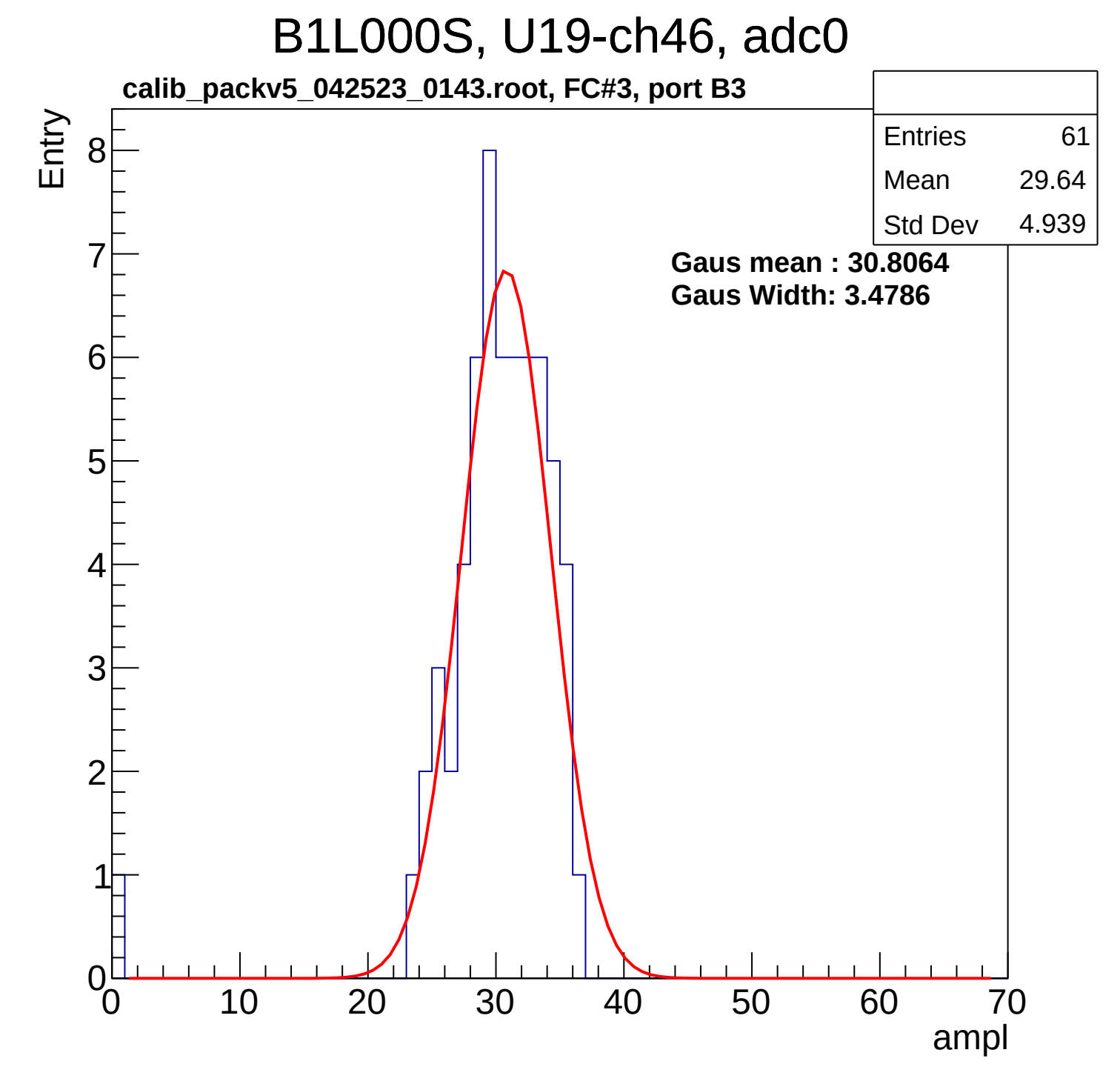
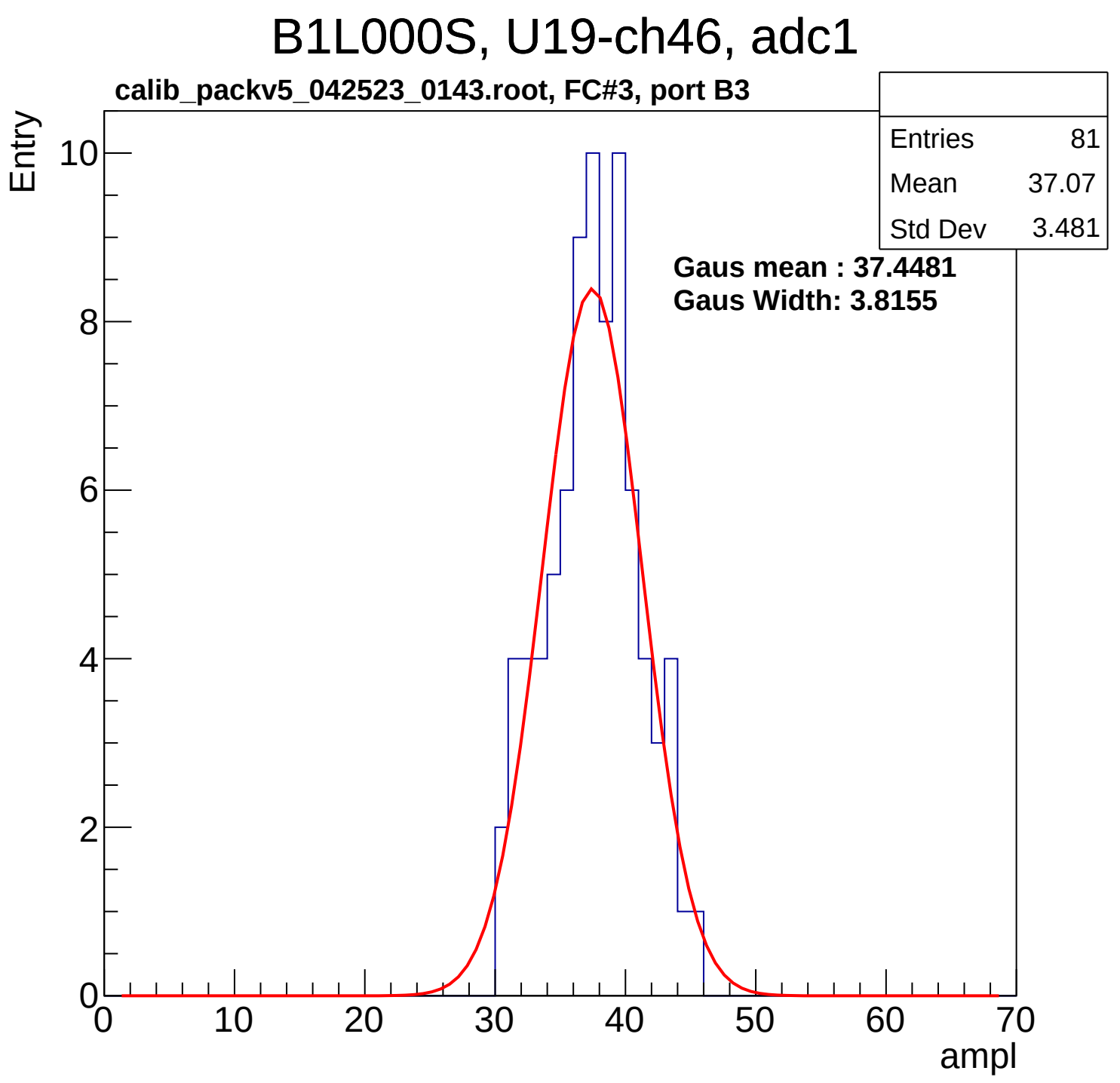
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch46, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 29.64
Std Dev 4.939
Gaus mean : 30.8064
Gaus Width: 3.4786
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch46, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 81
Mean 37.07
Std Dev 3.481
Gaus mean : 37.4481
Gaus Width: 3.8155
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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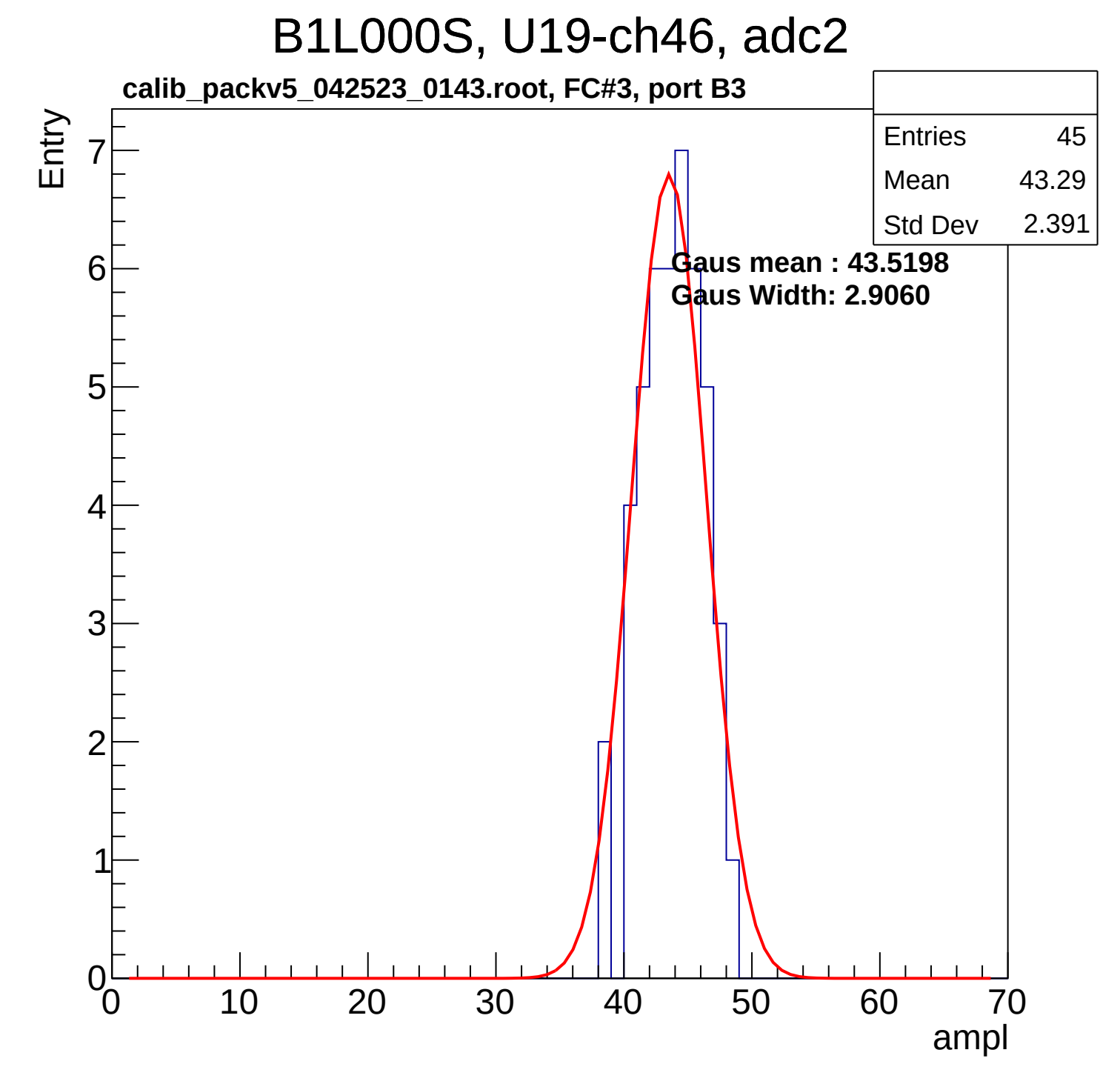
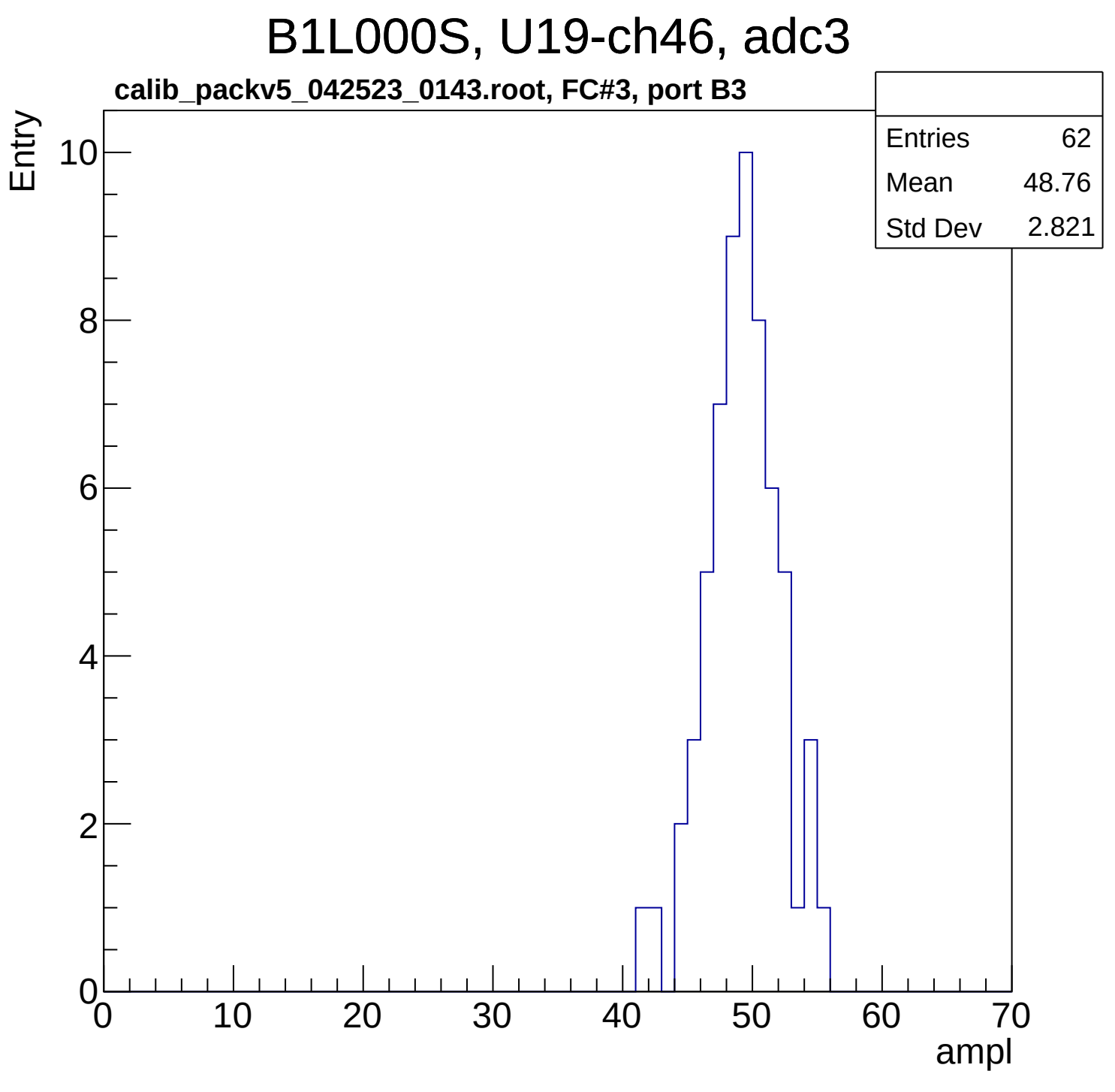
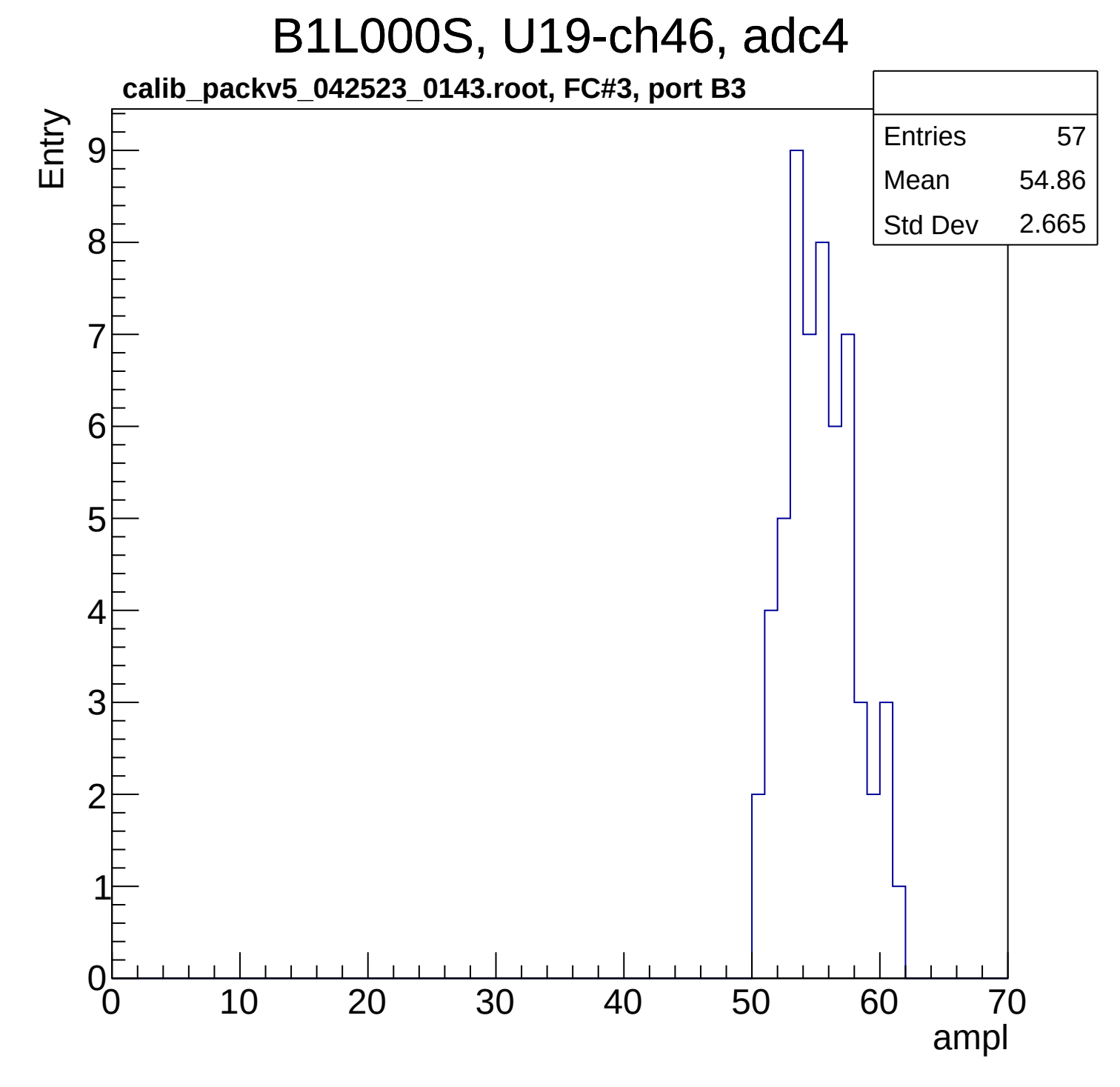

B1L000S, U19-ch46, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 43.29
Std Dev 2.391
Gaus mean : 43.5198
Gaus Width: 2.9060
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U19-ch46, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 48.76
Std Dev 2.821
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch46, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 54.86
Std Dev 2.665
Entry
ampl
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2
3
4
5
6
7
8
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0
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40
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60
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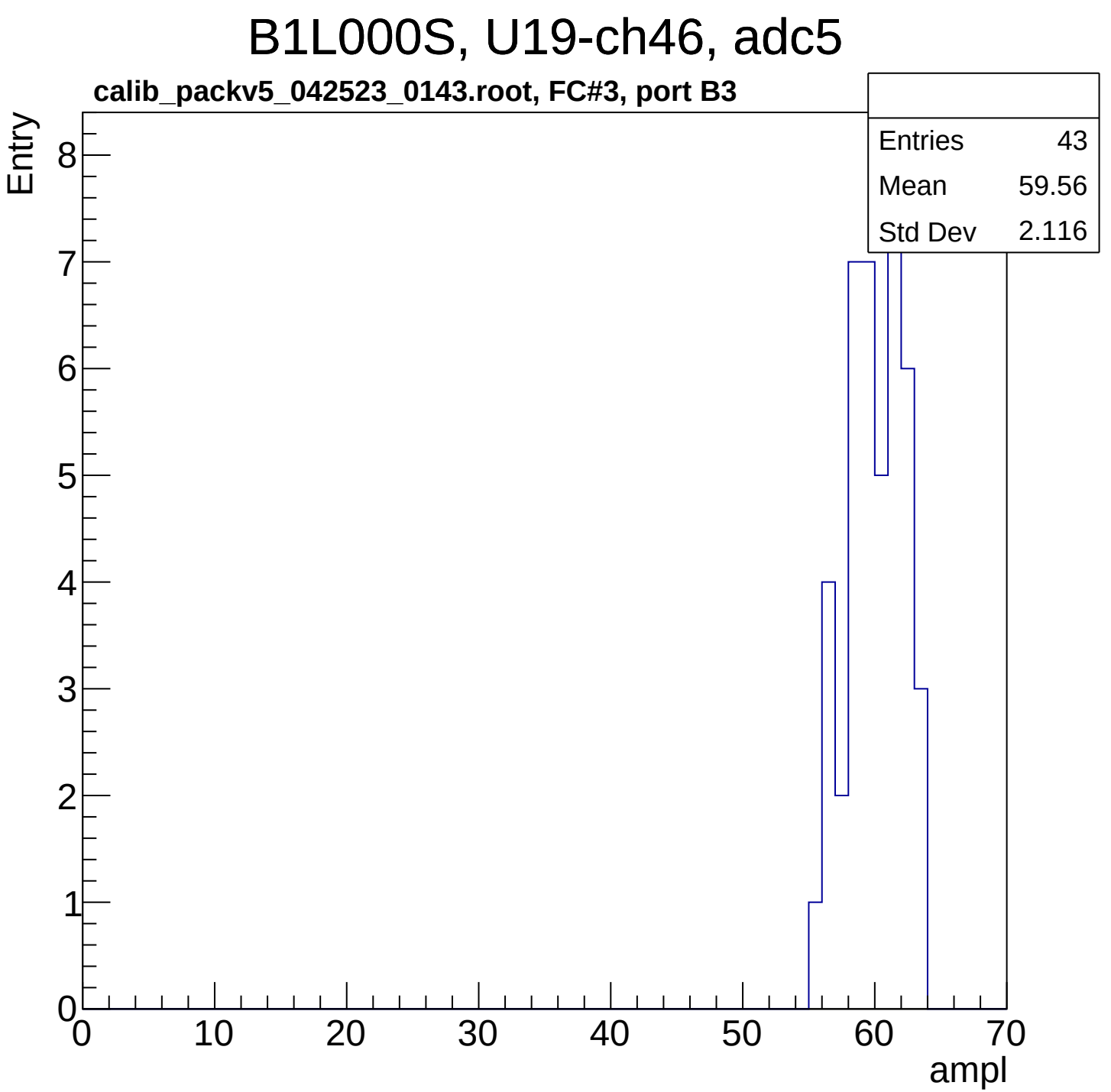
B1L000S, U19-ch46, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 59.56
Std Dev 2.116
Entry
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4
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8
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10
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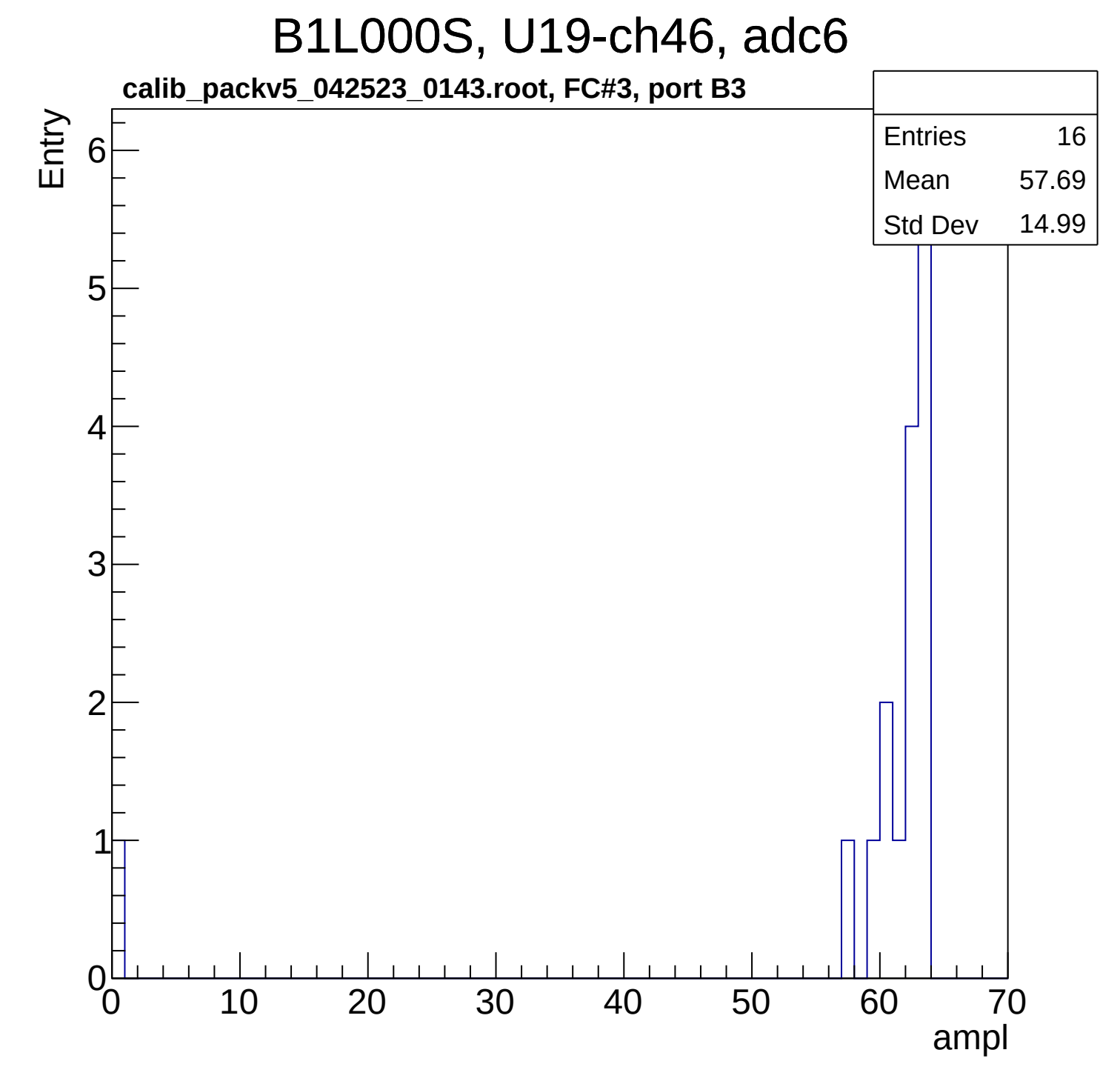
50
60
70
ampl


B1L000S, U19-ch46, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 57.69
Std Dev 14.99
Entry
0
1
2
3
4
5
6
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10
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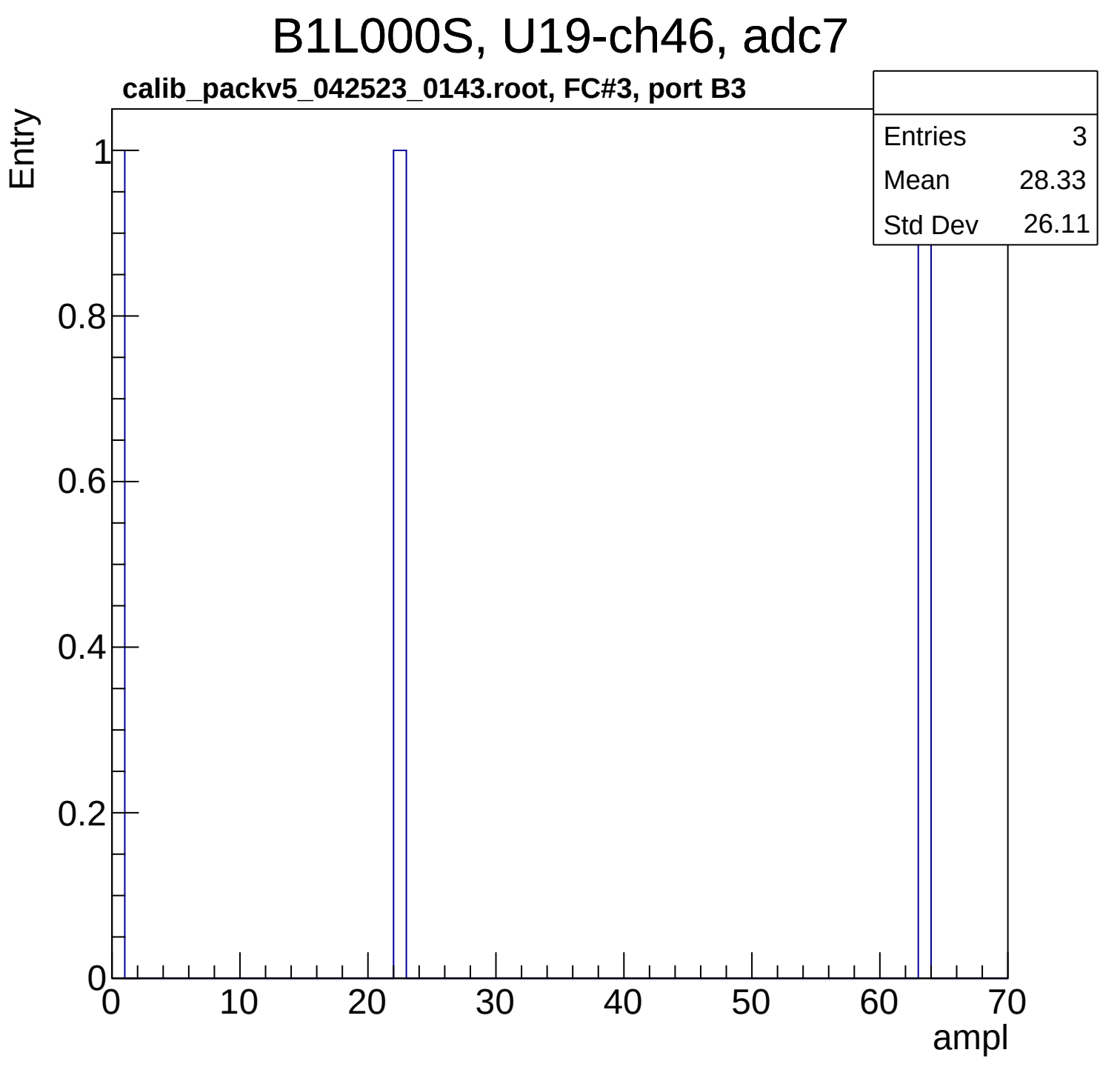
40
50
60
70
ampl


B1L000S, U19-ch46, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 28.33
Std Dev 26.11
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
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60
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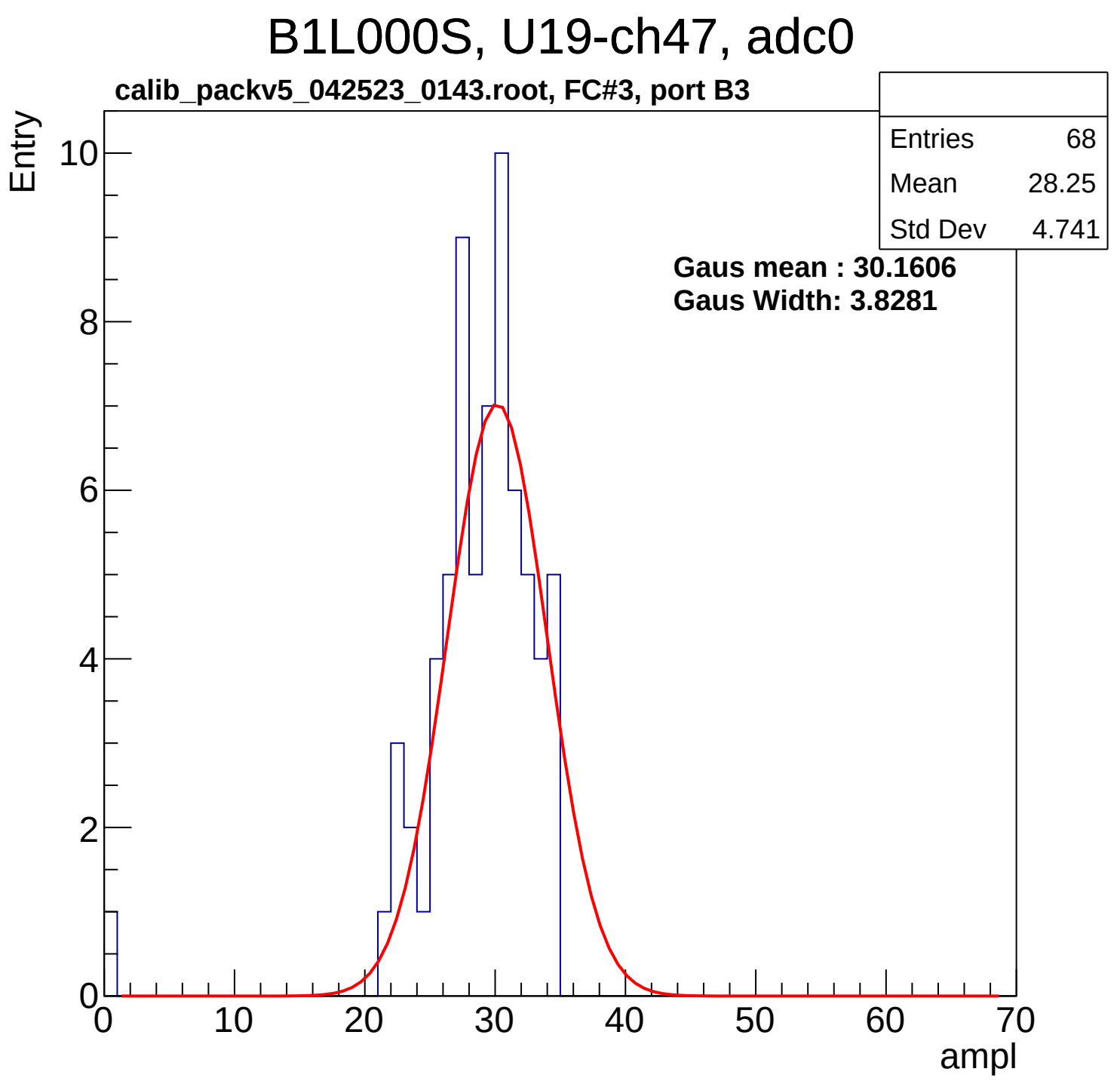
B1L000S, U19-ch47, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 28.25
Std Dev 4.741
Gaus mean : 30.1606
Gaus Width: 3.8281
Entry
ampl
0
2
4
6
8
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0
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40
50
60
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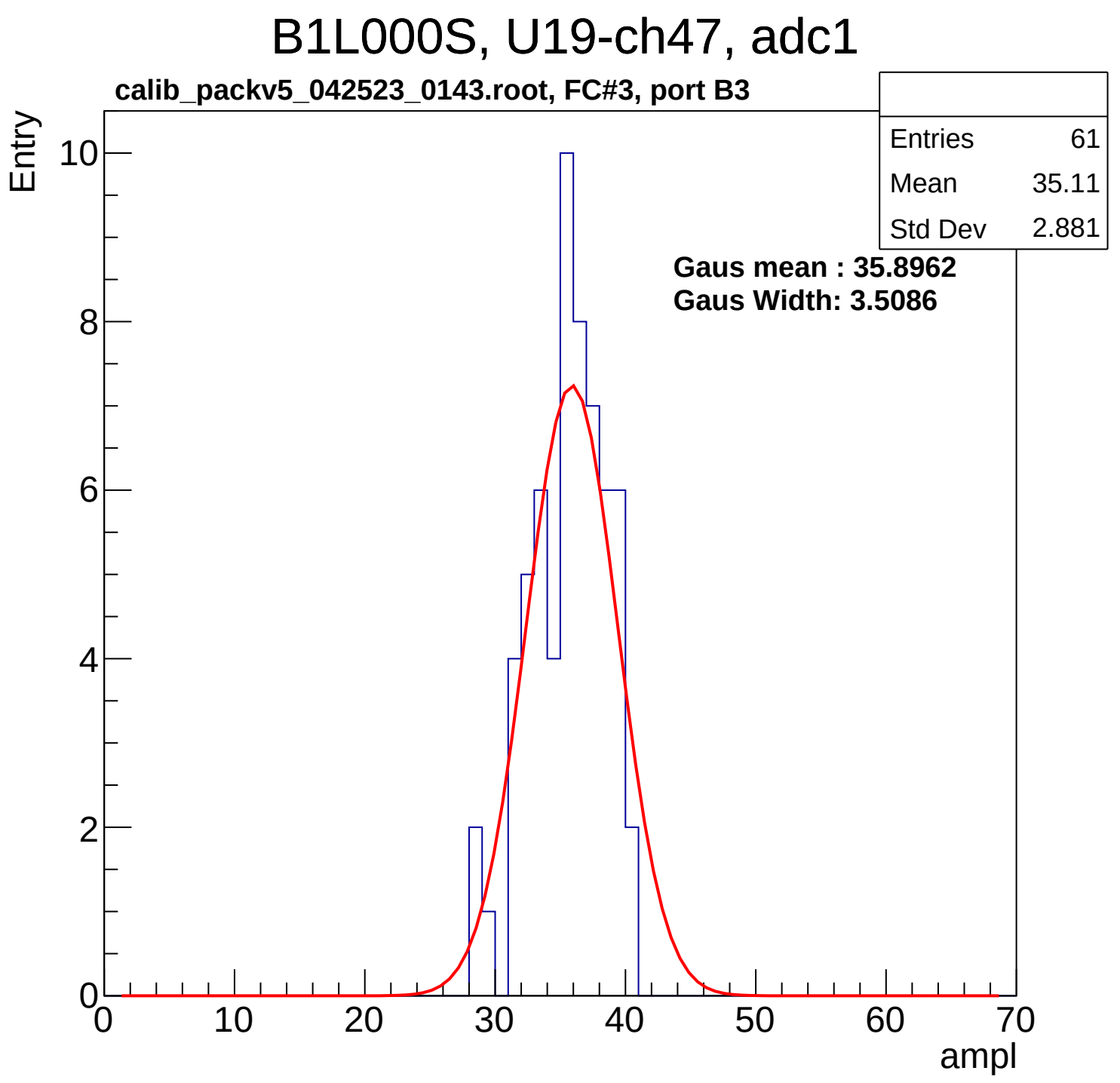
B1L000S, U19-ch47, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 35.11
Std Dev 2.881
Gaus mean : 35.8962
Gaus Width: 3.5086
Entry
ampl
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2
4
6
8
10
0
10
20
30
40
50
60
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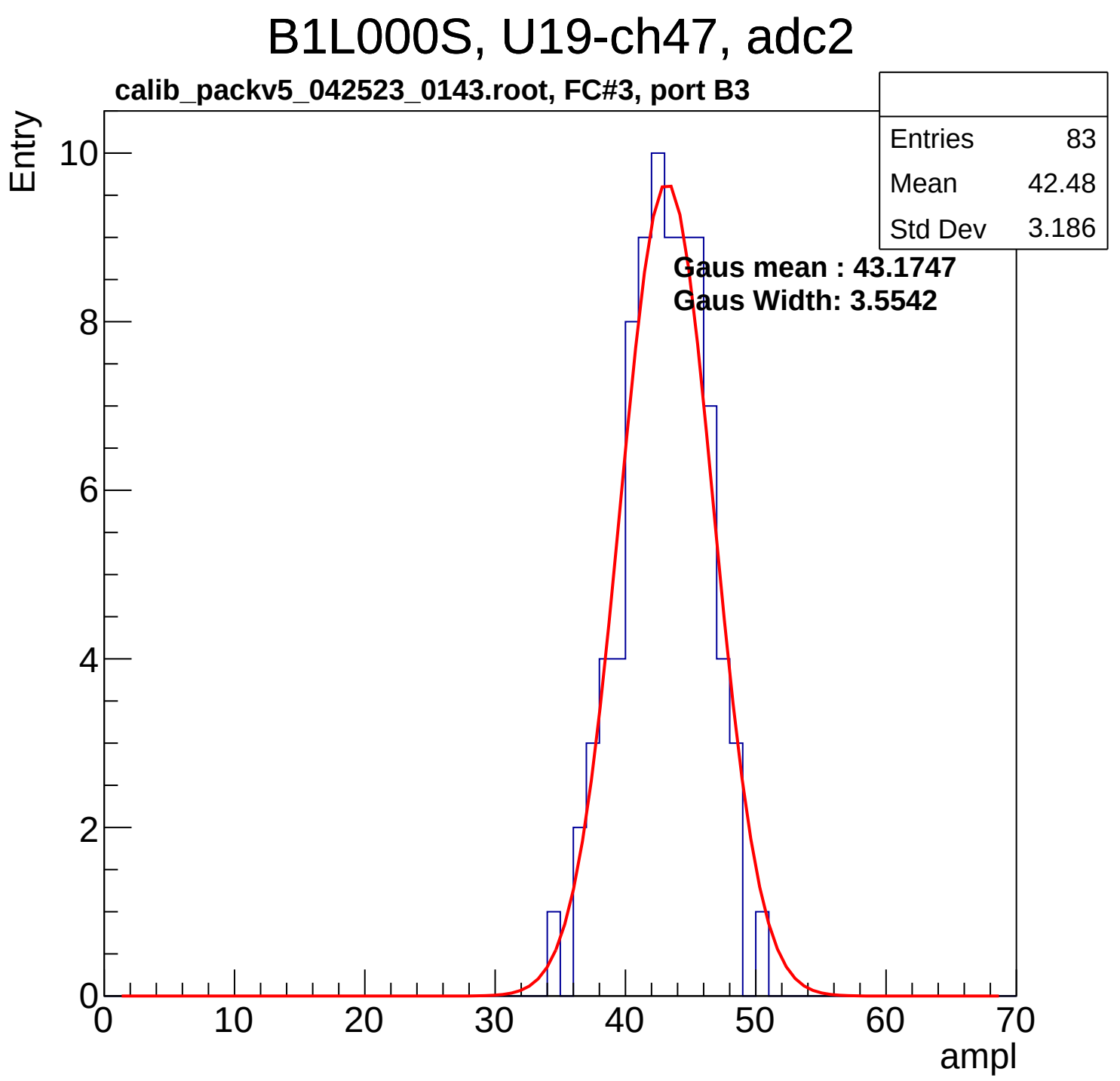
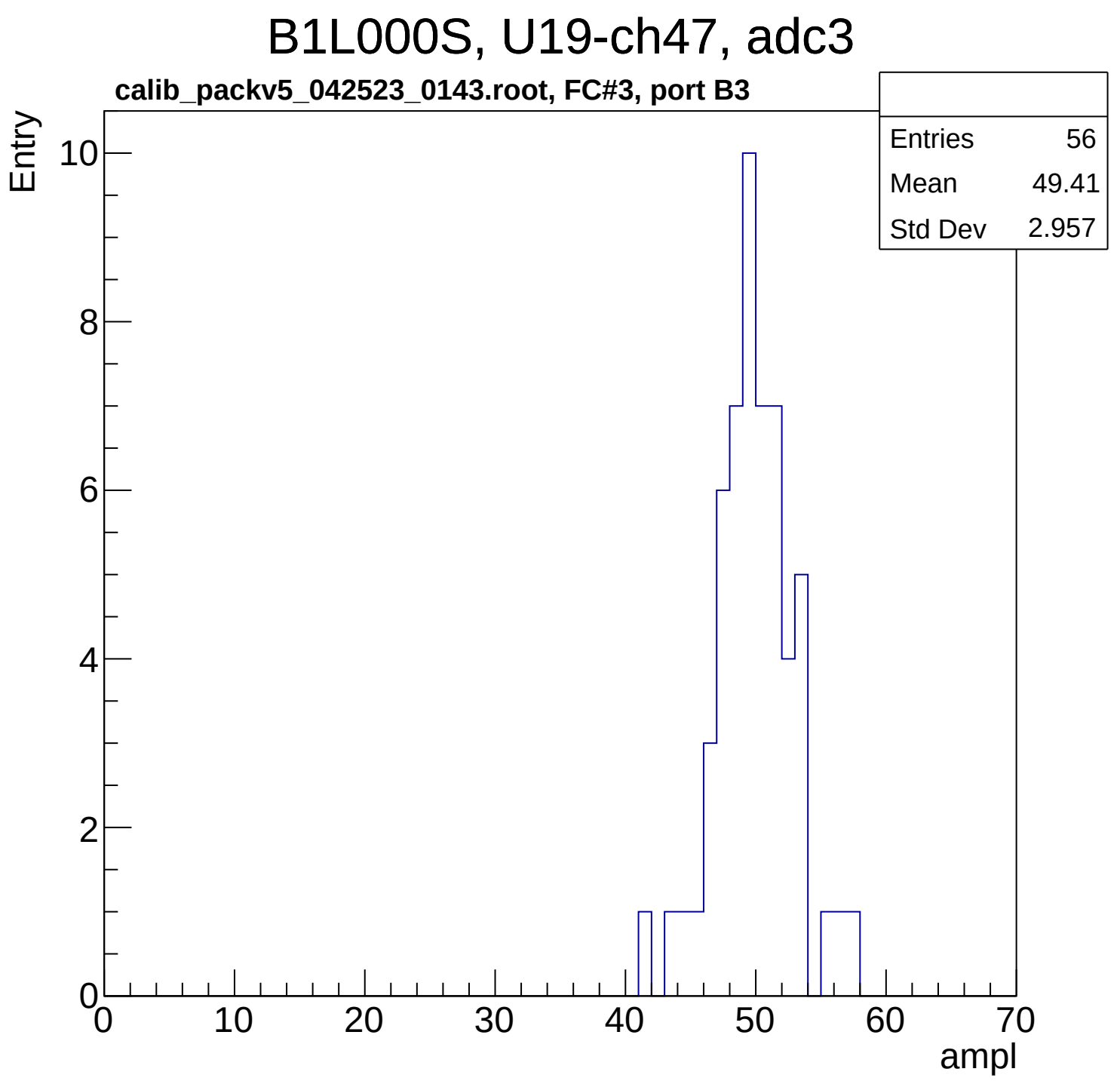
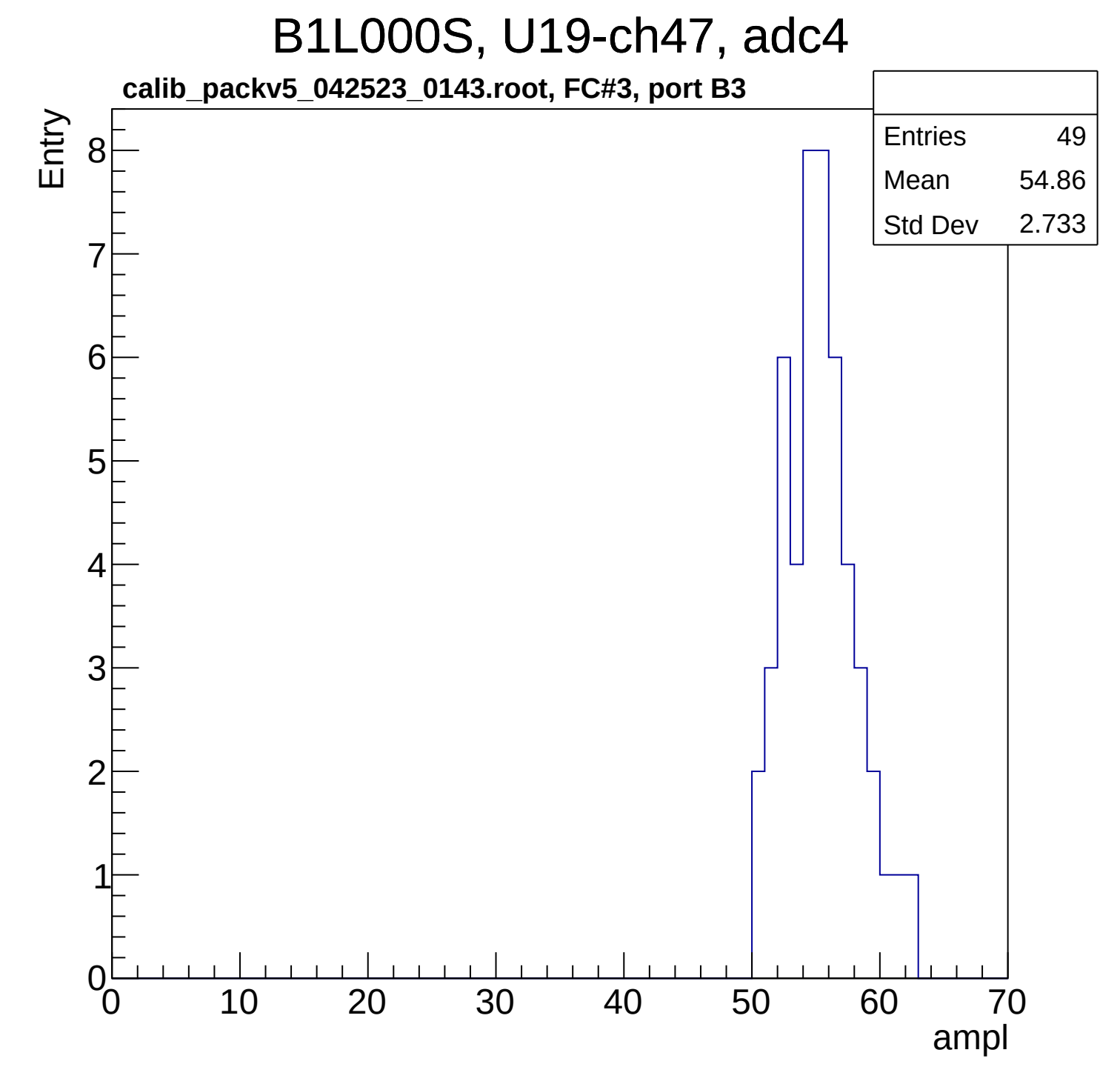
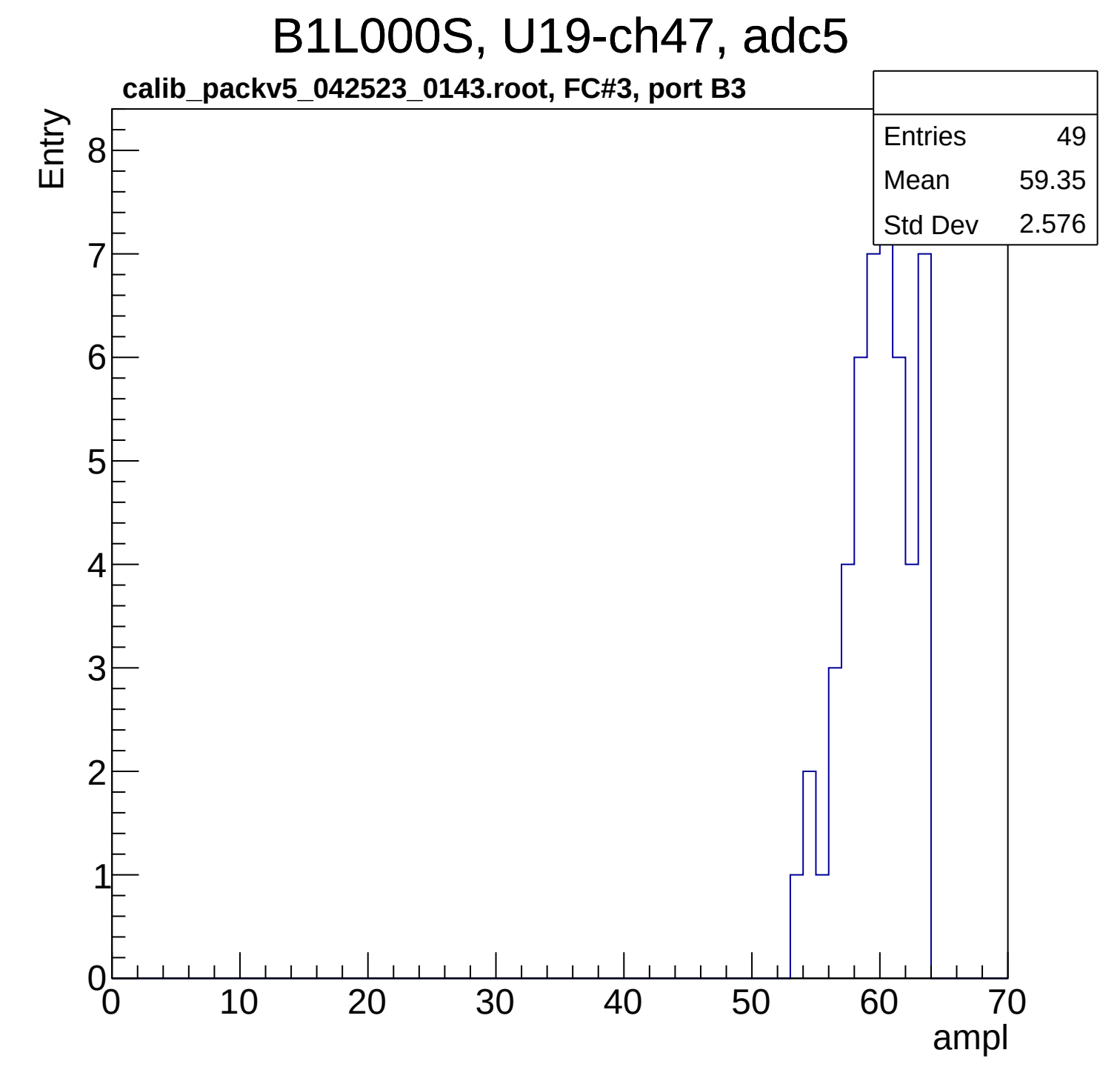
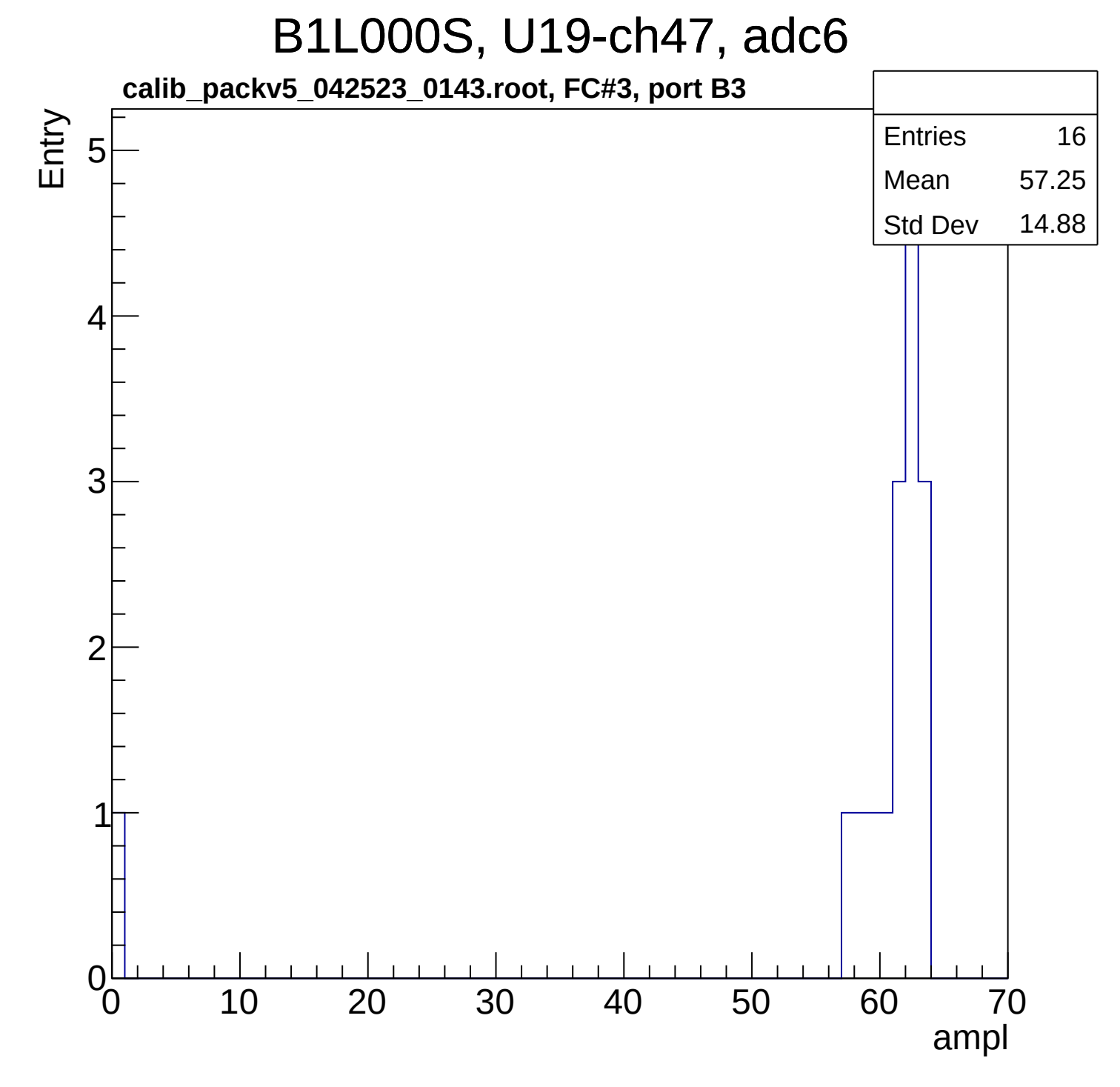
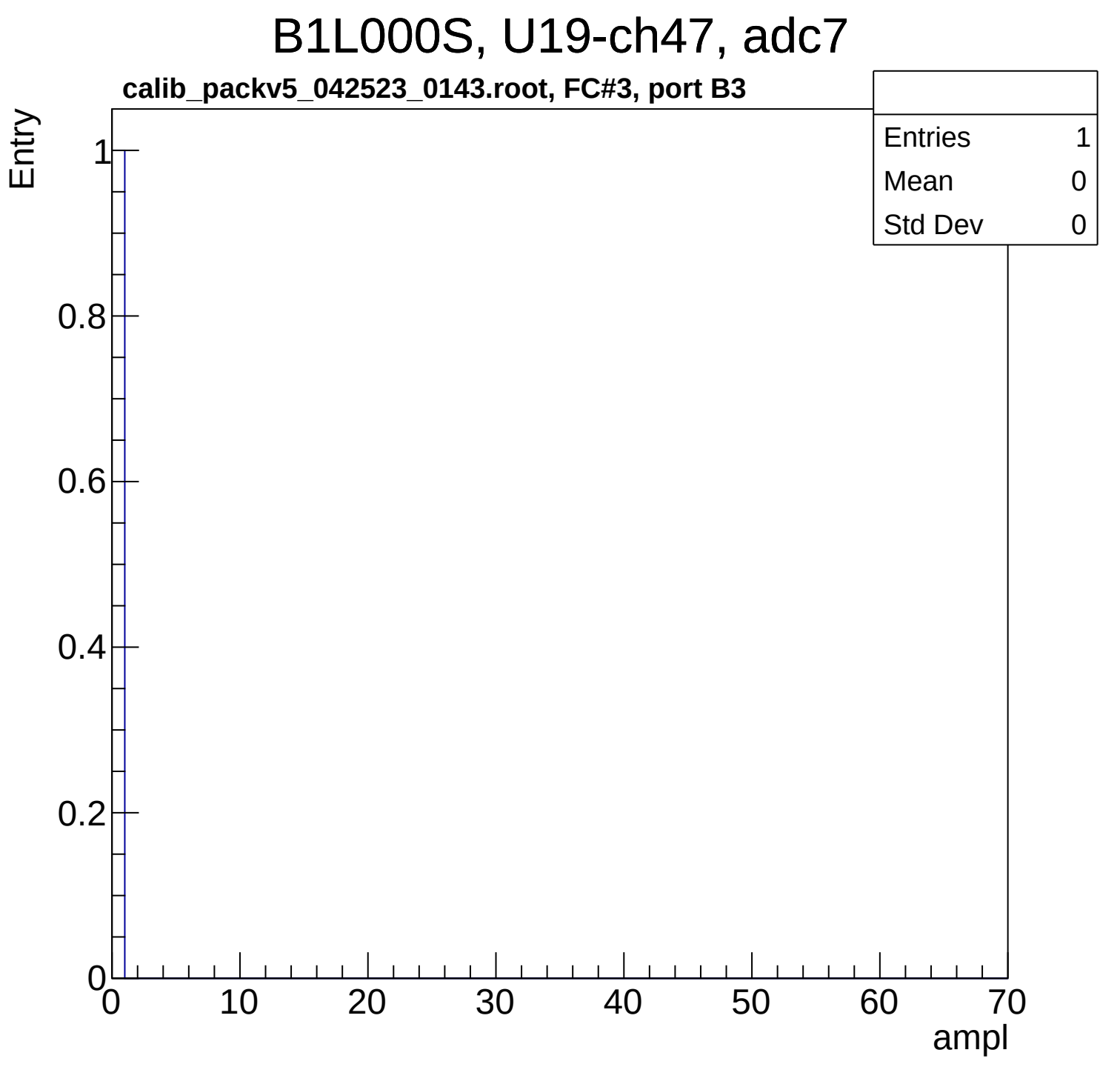

B1L000S, U19-ch47, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 83
Mean 42.48
Std Dev 3.186
Gaus mean : 43.1747
Gaus Width: 3.5542
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

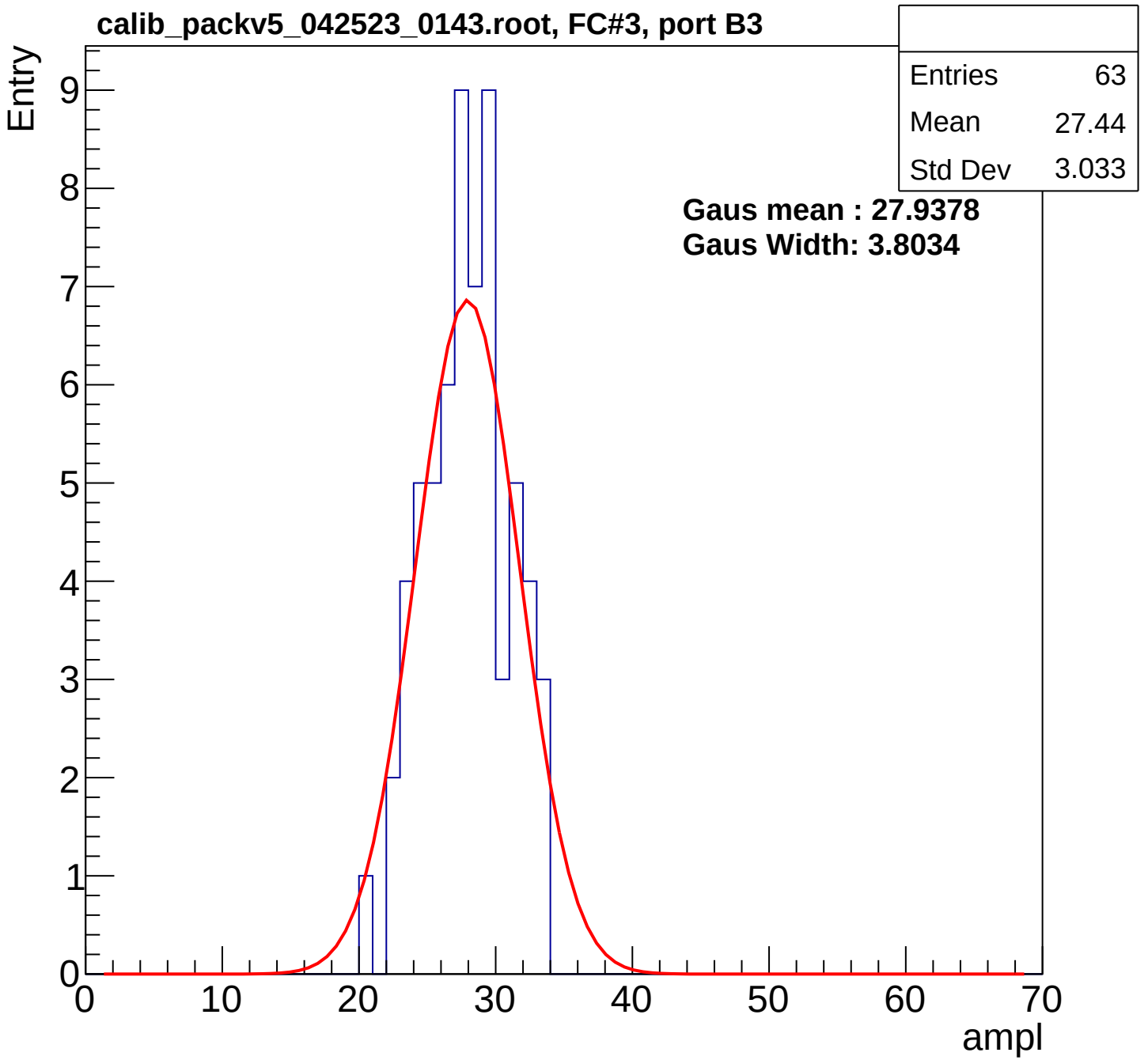

B1L000S, U19-ch47, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 49.41
Std Dev 2.957
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

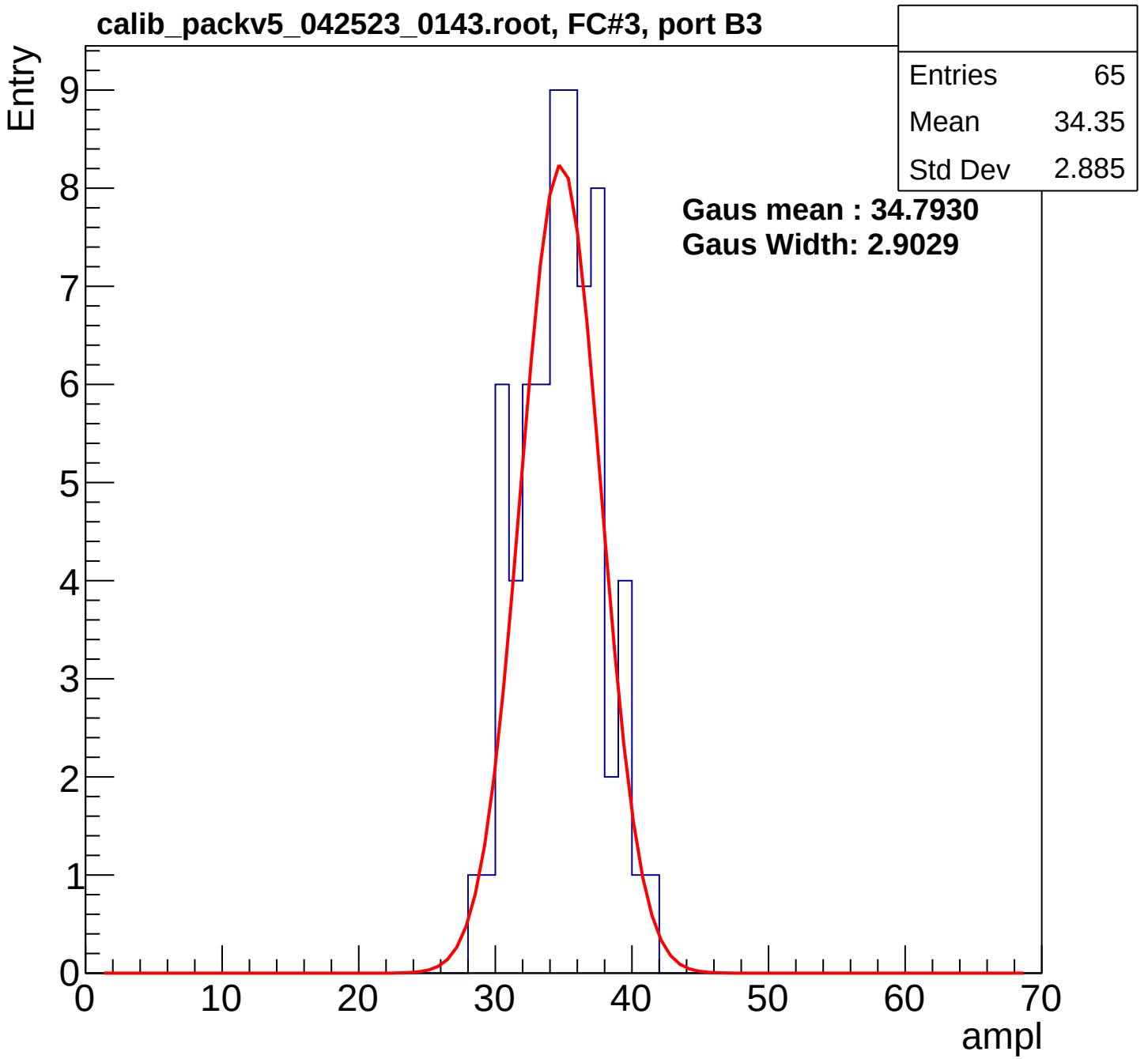

B1L000S, U19-ch47, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 54.86
Std Dev 2.733
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

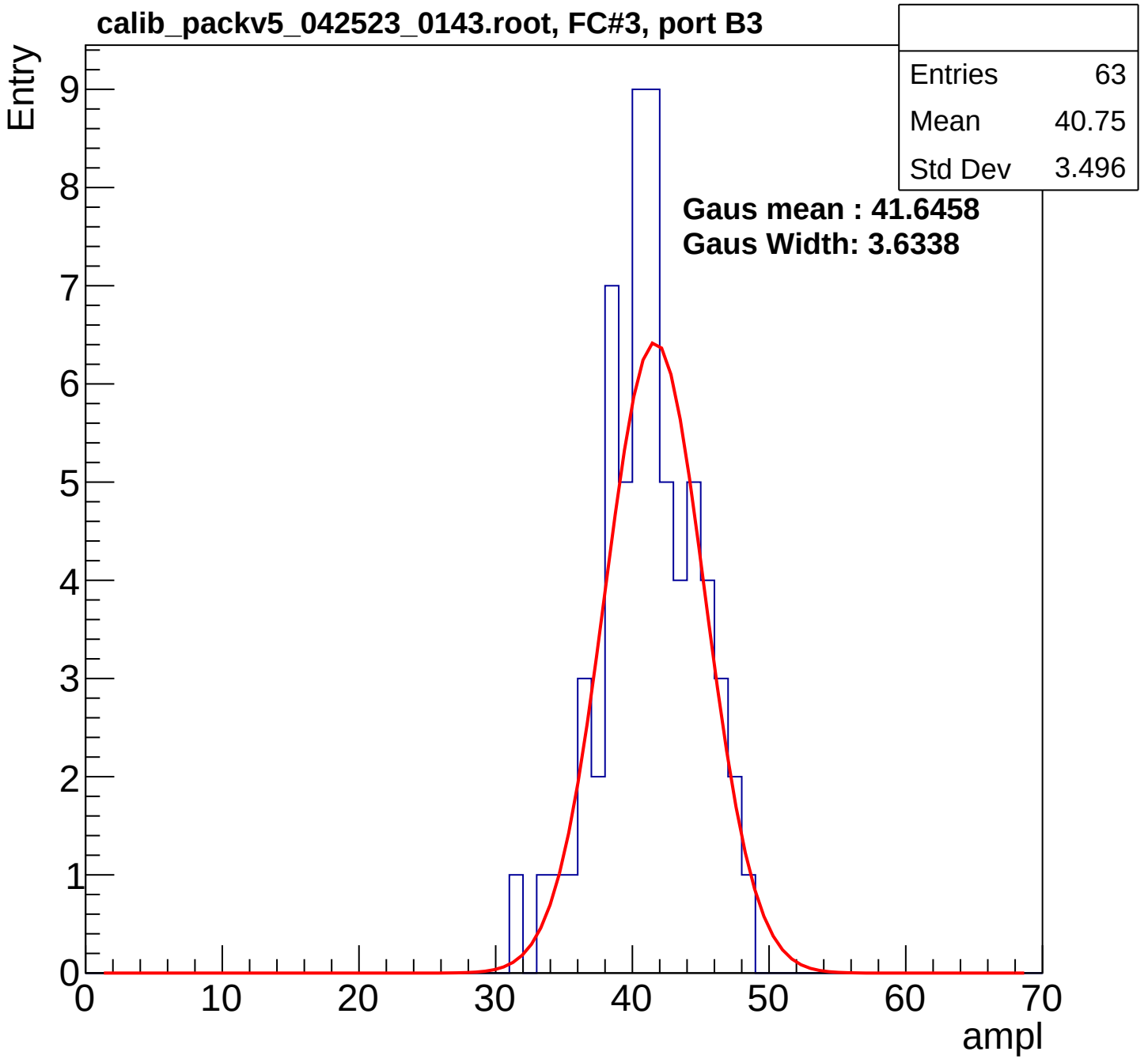

B1L000S, U19-ch47, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 59.35
Std Dev 2.576
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

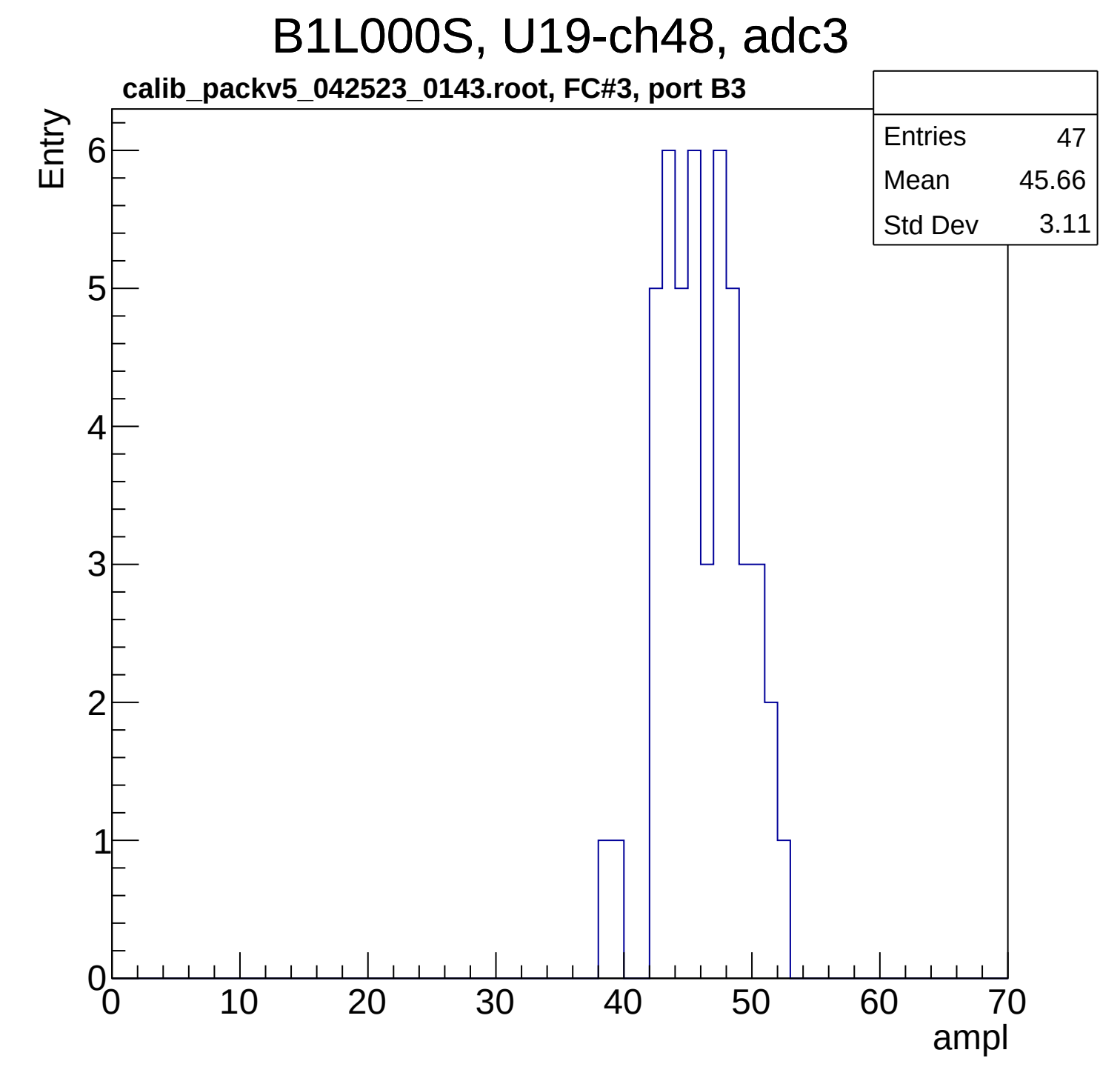

B1L000S, U19-ch47, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 57.25
Std Dev 14.88
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl

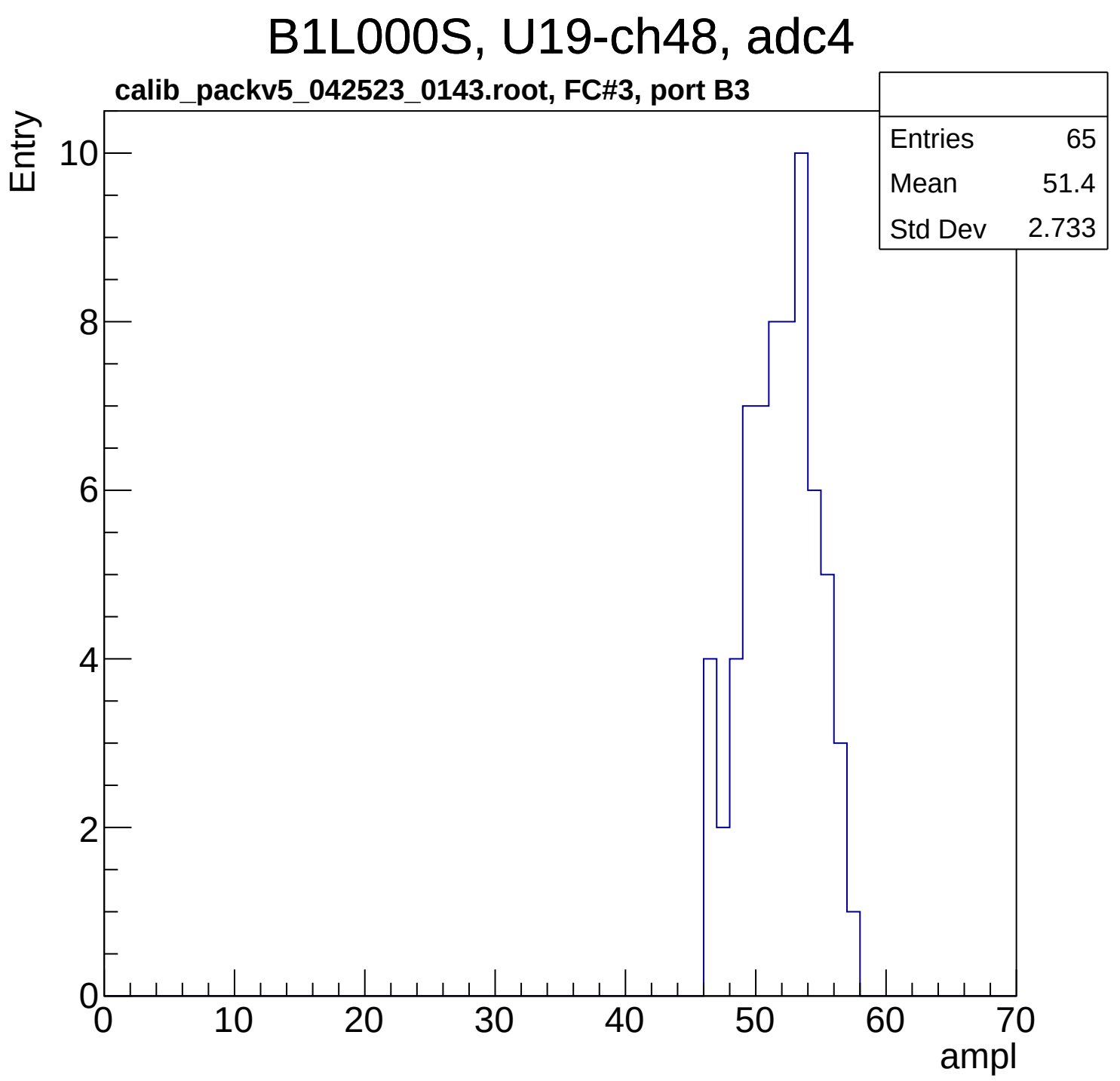

B1L000S, U19-ch47, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

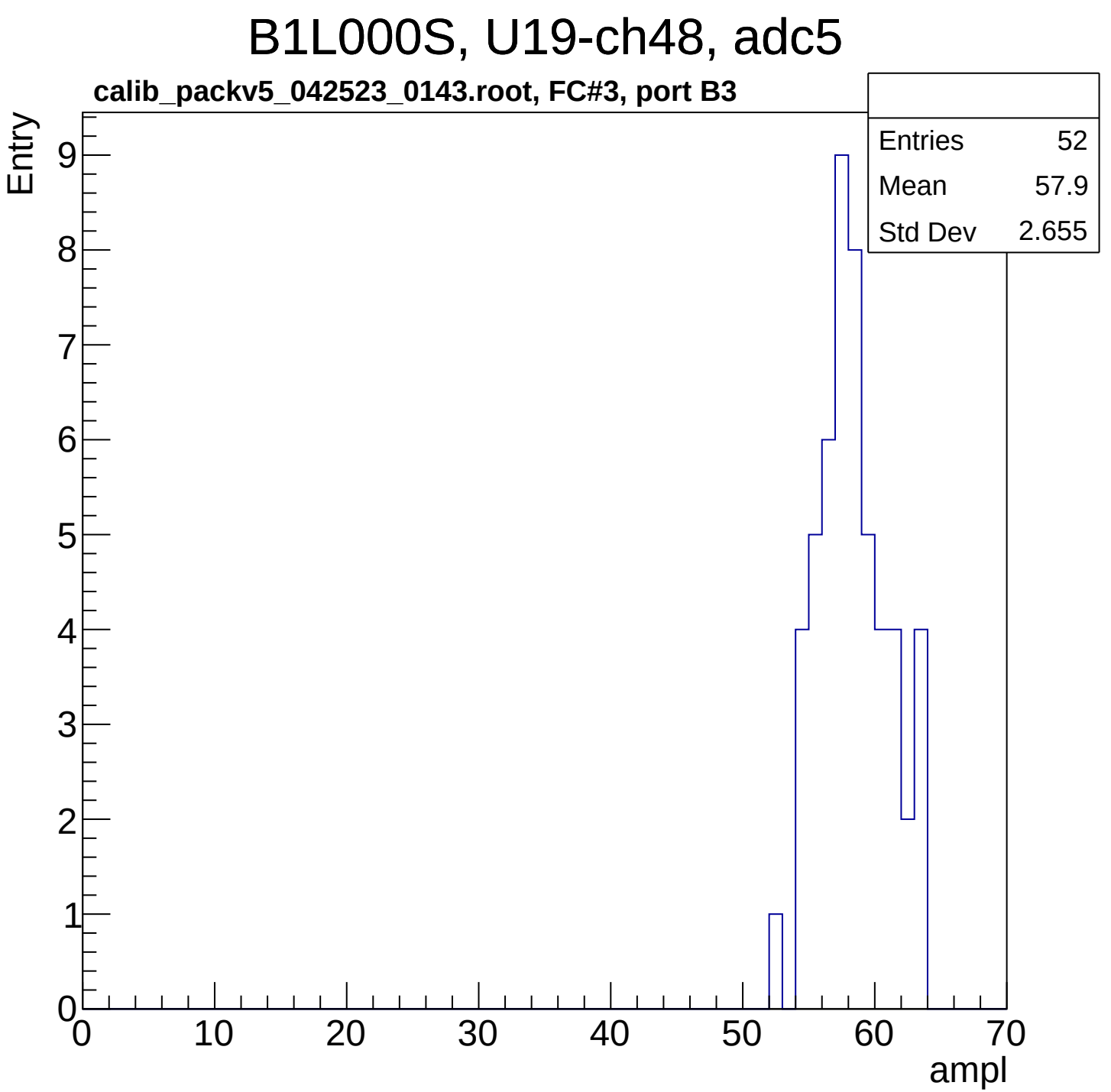

B1L000S, U19-ch48, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 27.44
Std Dev 3.033
Gaus mean : 27.9378
Gaus Width: 3.8034
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch48, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 34.35
Std Dev 2.885
Gaus mean : 34.7930
Gaus Width: 2.9029
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch48, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 40.75
Std Dev 3.496
Gaus mean : 41.6458
Gaus Width: 3.6338
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch48, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 45.66
Std Dev 3.11
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch48, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 51.4
Std Dev 2.733
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch48, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 57.9
Std Dev 2.655
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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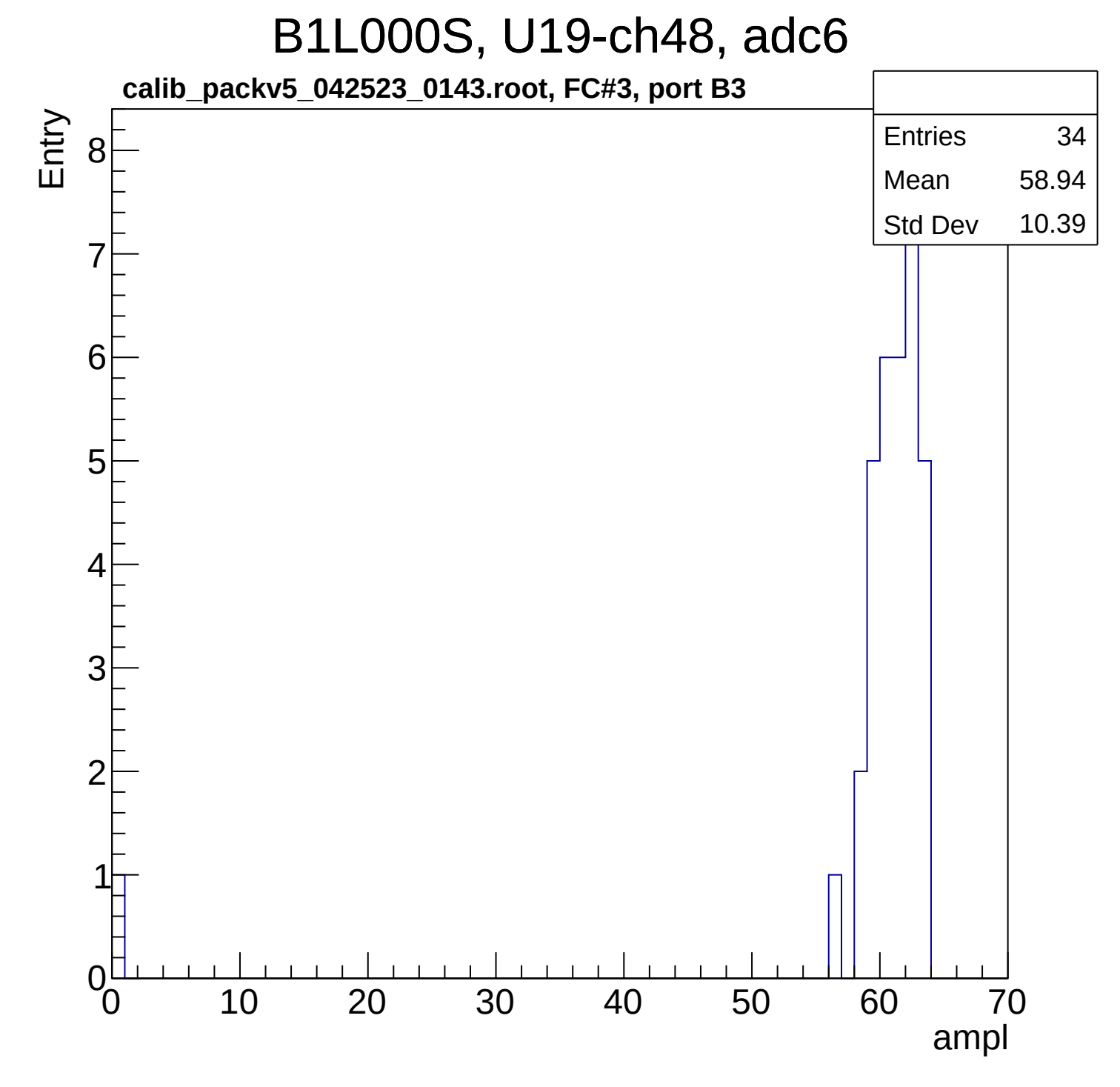
40
50
60
70


B1L000S, U19-ch48, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 34
Mean 58.94
Std Dev 10.39
Entry
ampl
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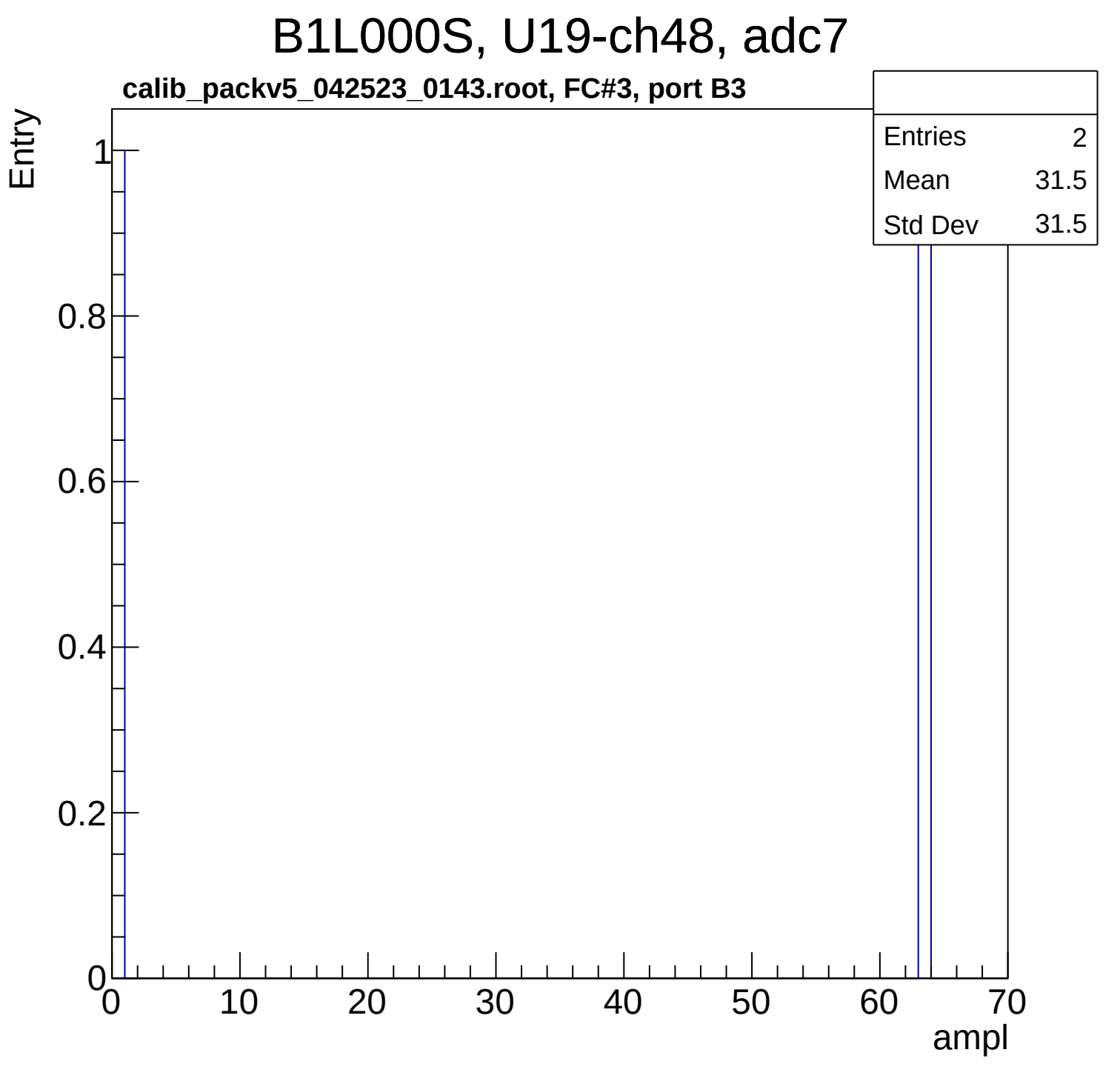
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch48, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 31.5
Std Dev 31.5
Entry
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0.6
0.4
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0
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10
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50
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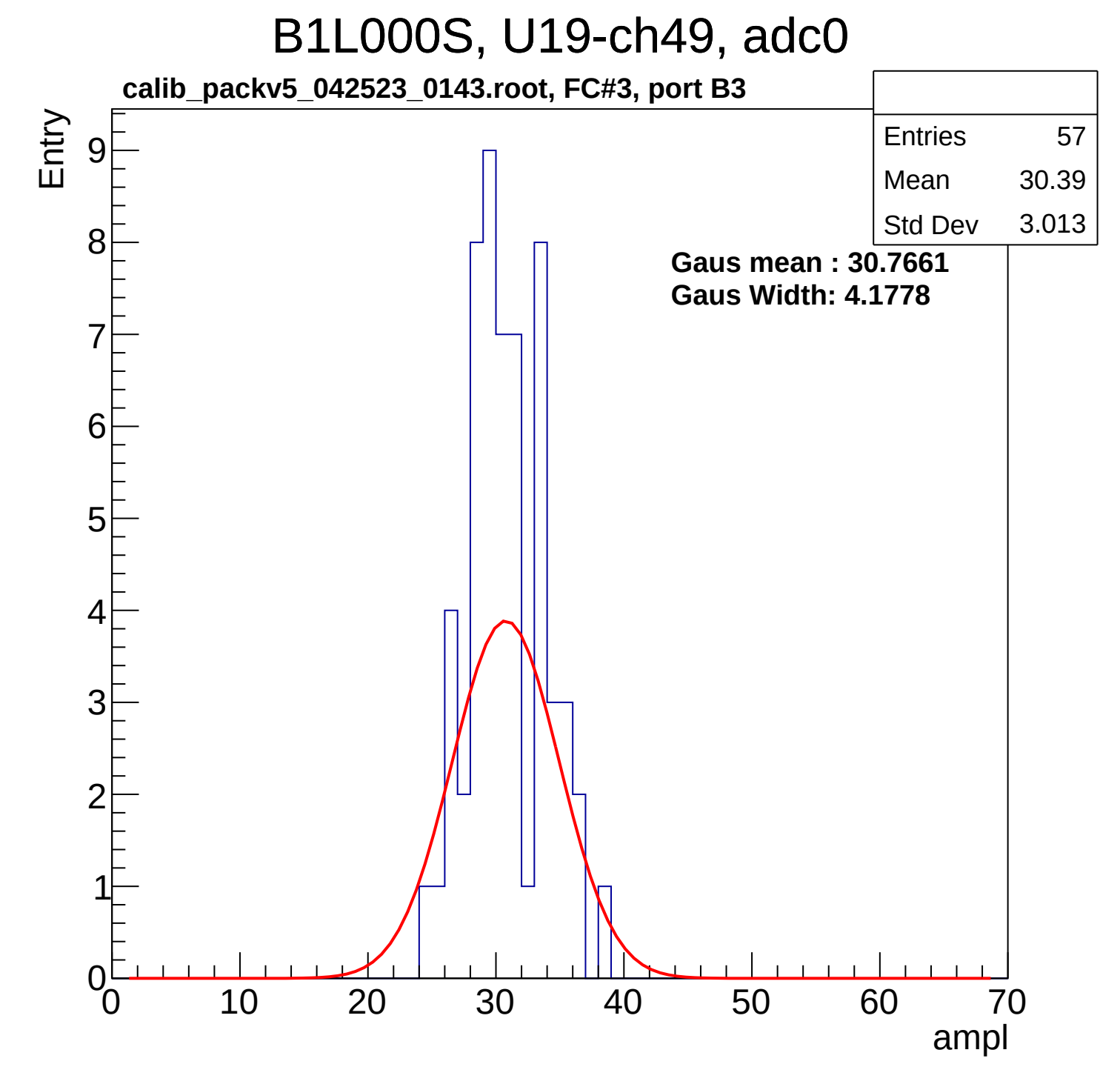
70
ampl


B1L000S, U19-ch49, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 30.39
Std Dev 3.013
Gaus mean : 30.7661
Gaus Width: 4.1778
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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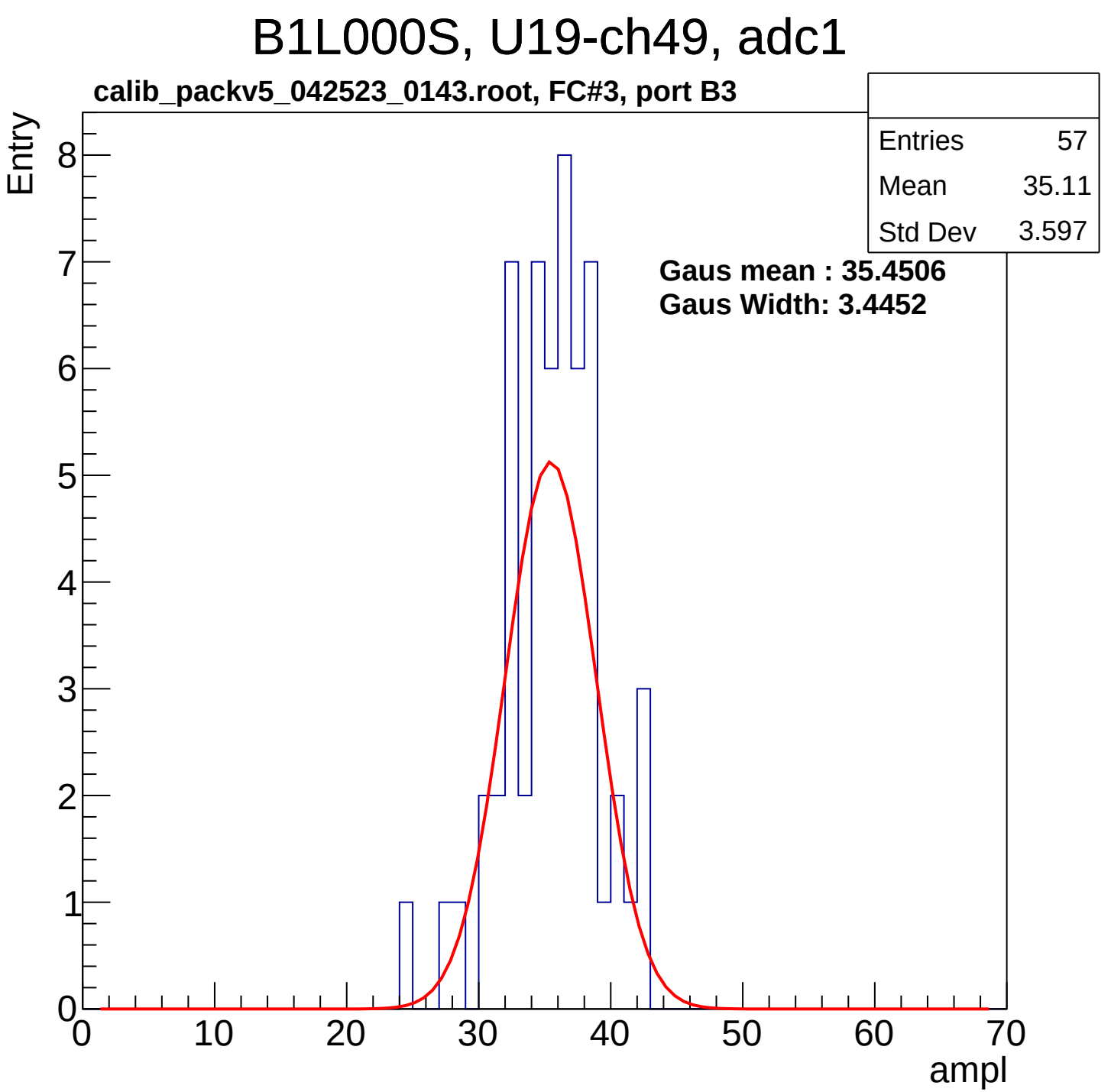
60
70


B1L000S, U19-ch49, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 35.11
Std Dev 3.597
Gaus mean : 35.4506
Gaus Width: 3.4452
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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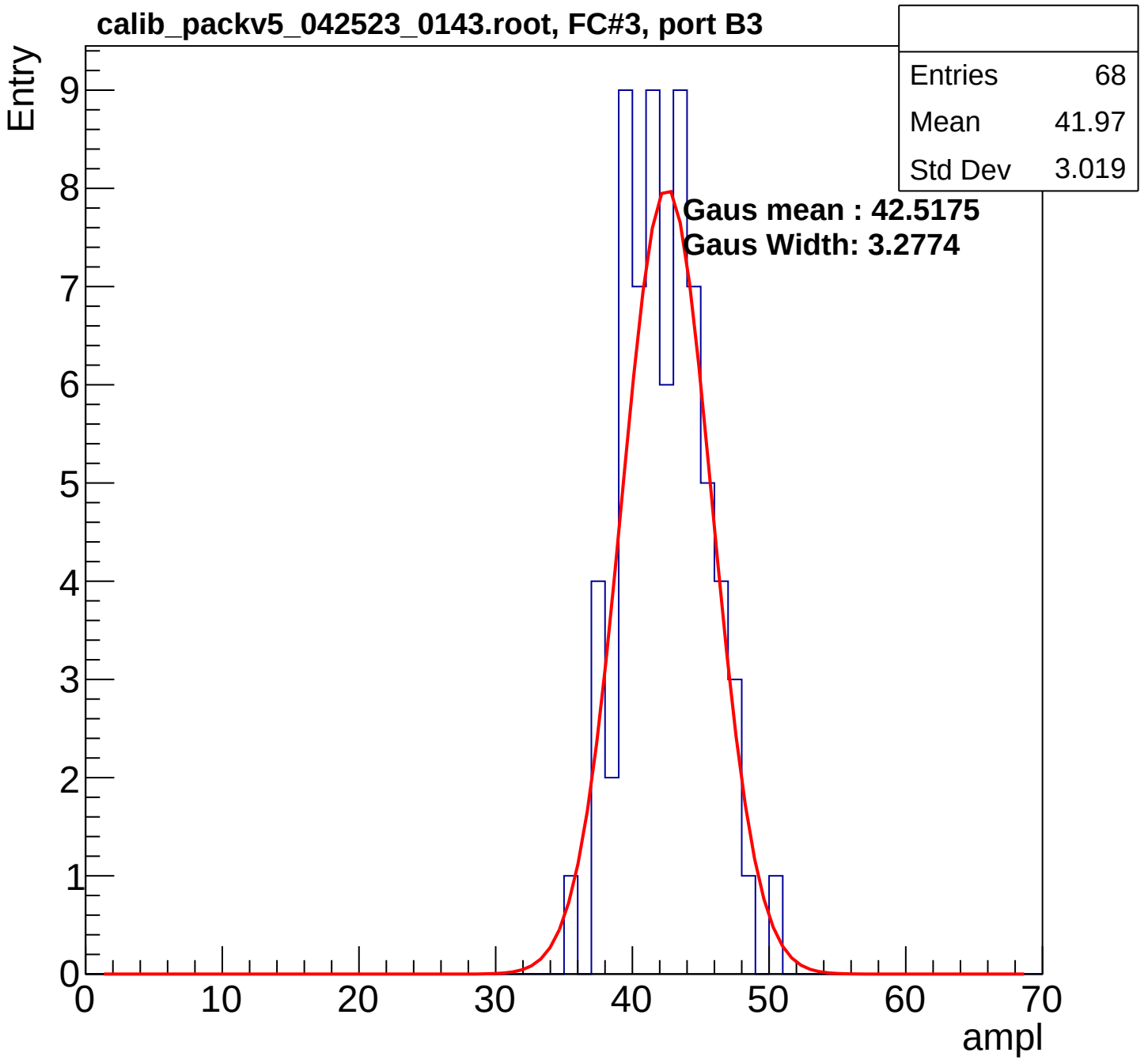
B1L000S, U19-ch49, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 41.97
Std Dev 3.019
Gaus mean : 42.5175
Gaus Width: 3.2774
Entry
ampl
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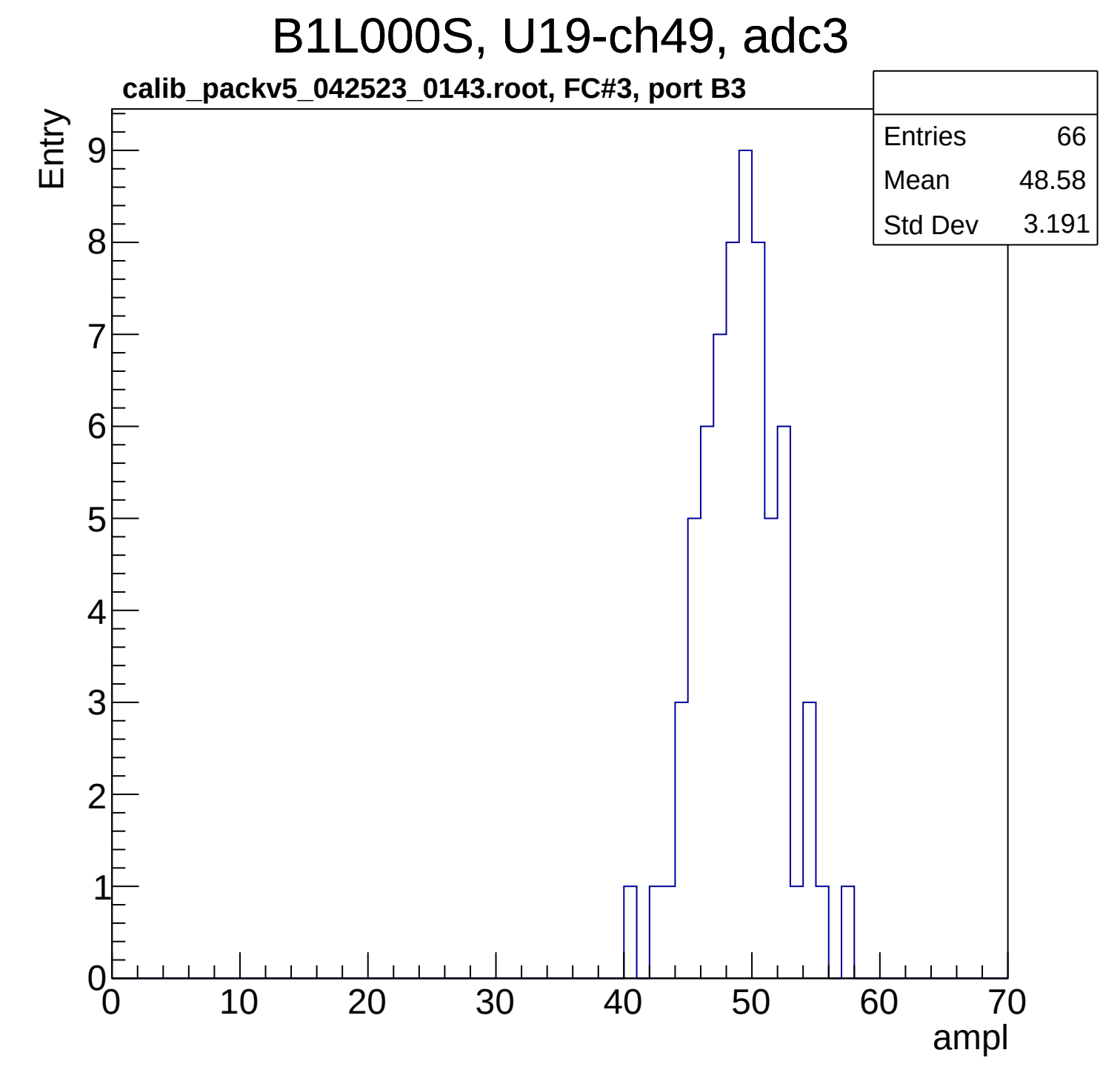
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U19-ch49, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 48.58
Std Dev 3.191
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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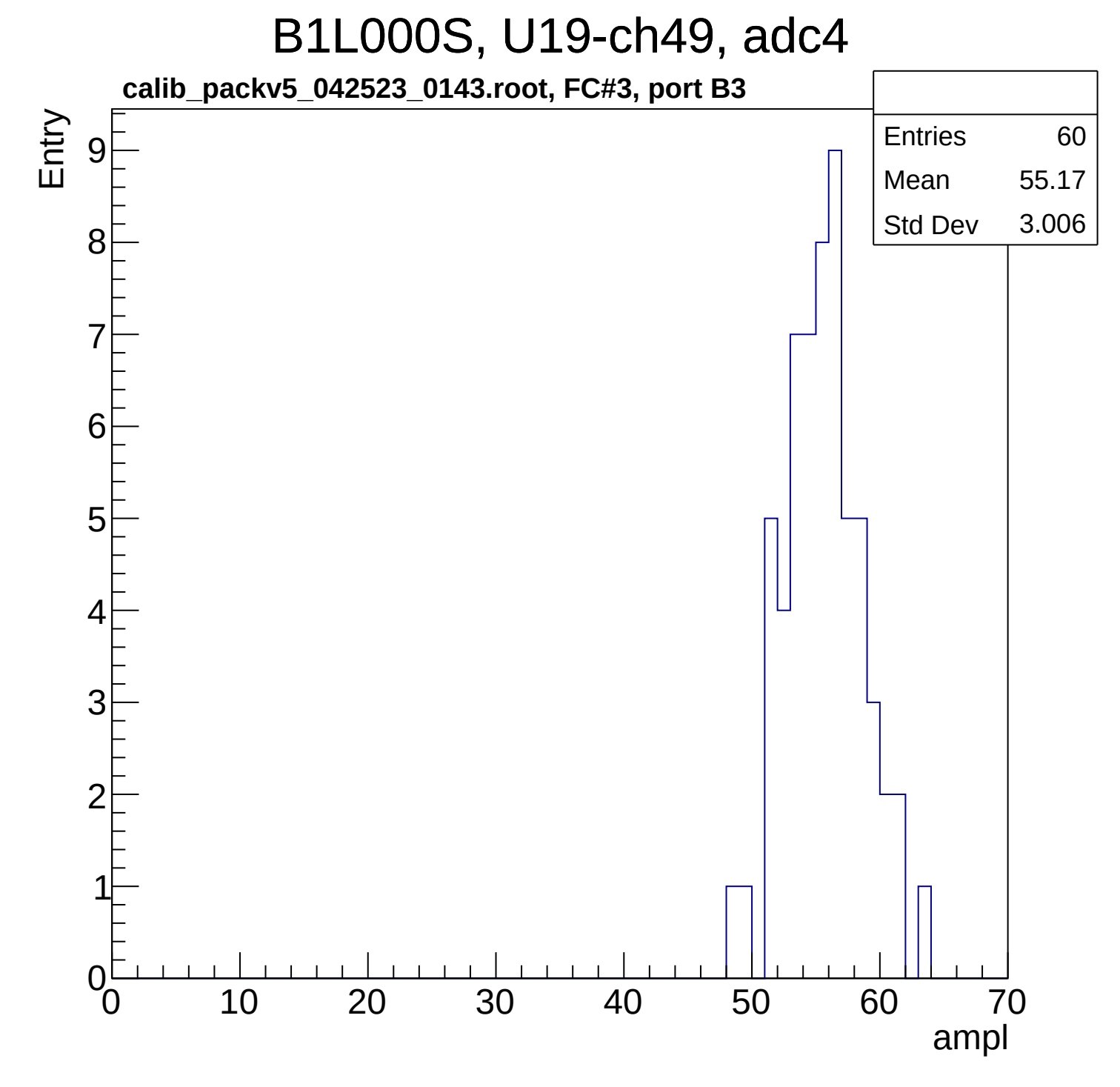
B1L000S, U19-ch49, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 55.17
Std Dev 3.006
Entry
ampl
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4
5
6
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0
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60
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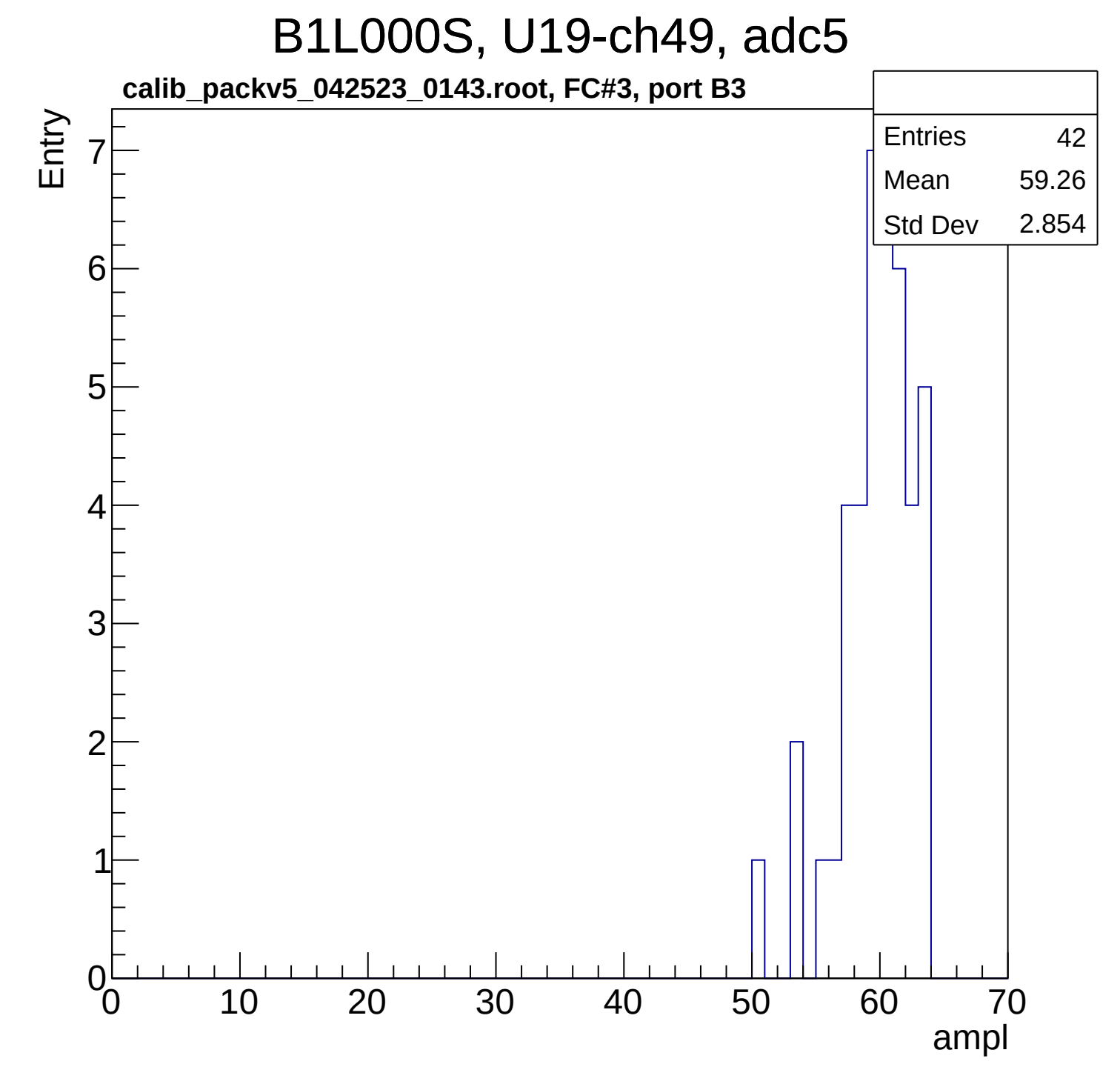
B1L000S, U19-ch49, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 59.26
Std Dev 2.854
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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40
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60
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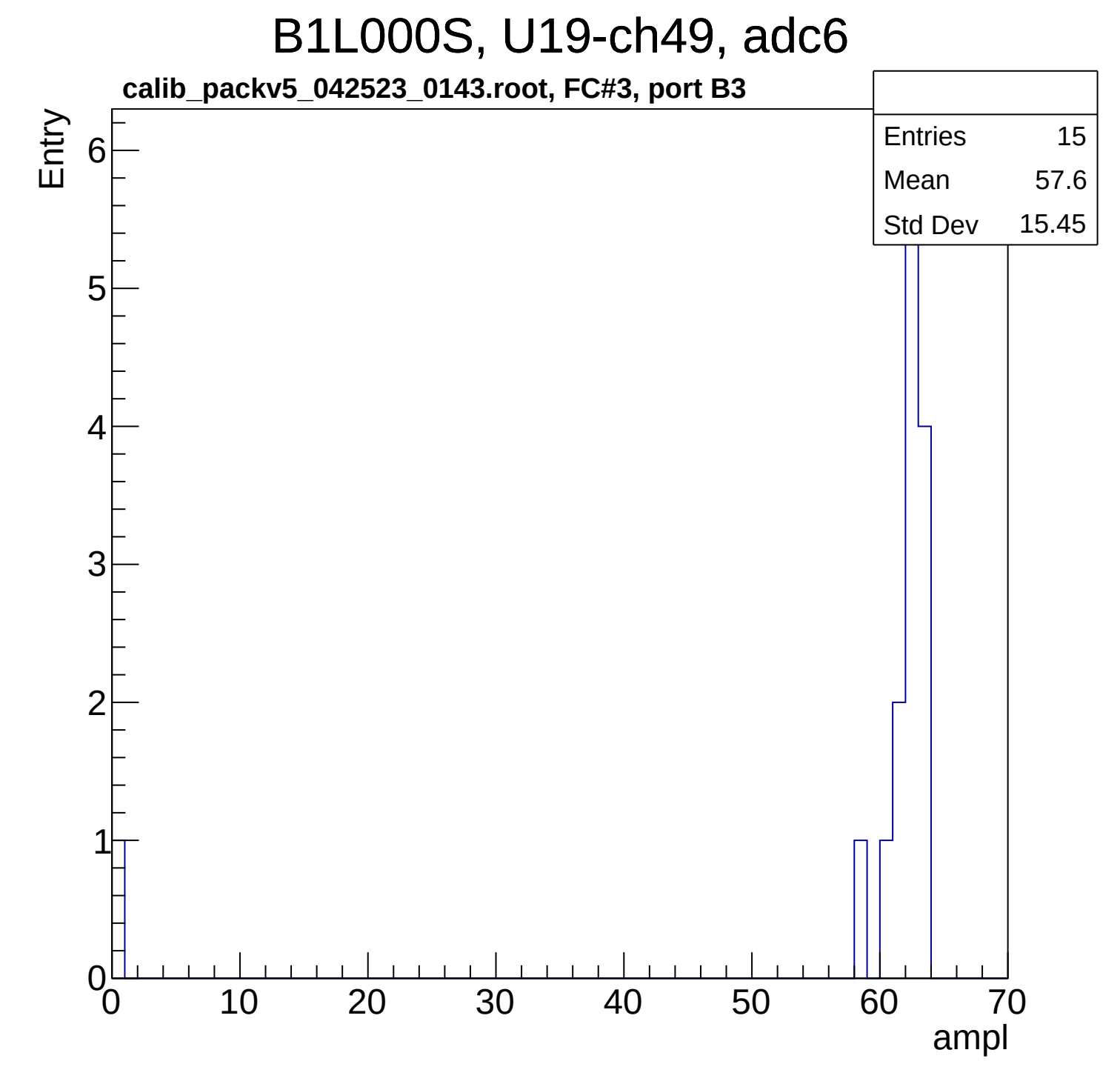
B1L000S, U19-ch49, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 57.6
Std Dev 15.45
Entry
0
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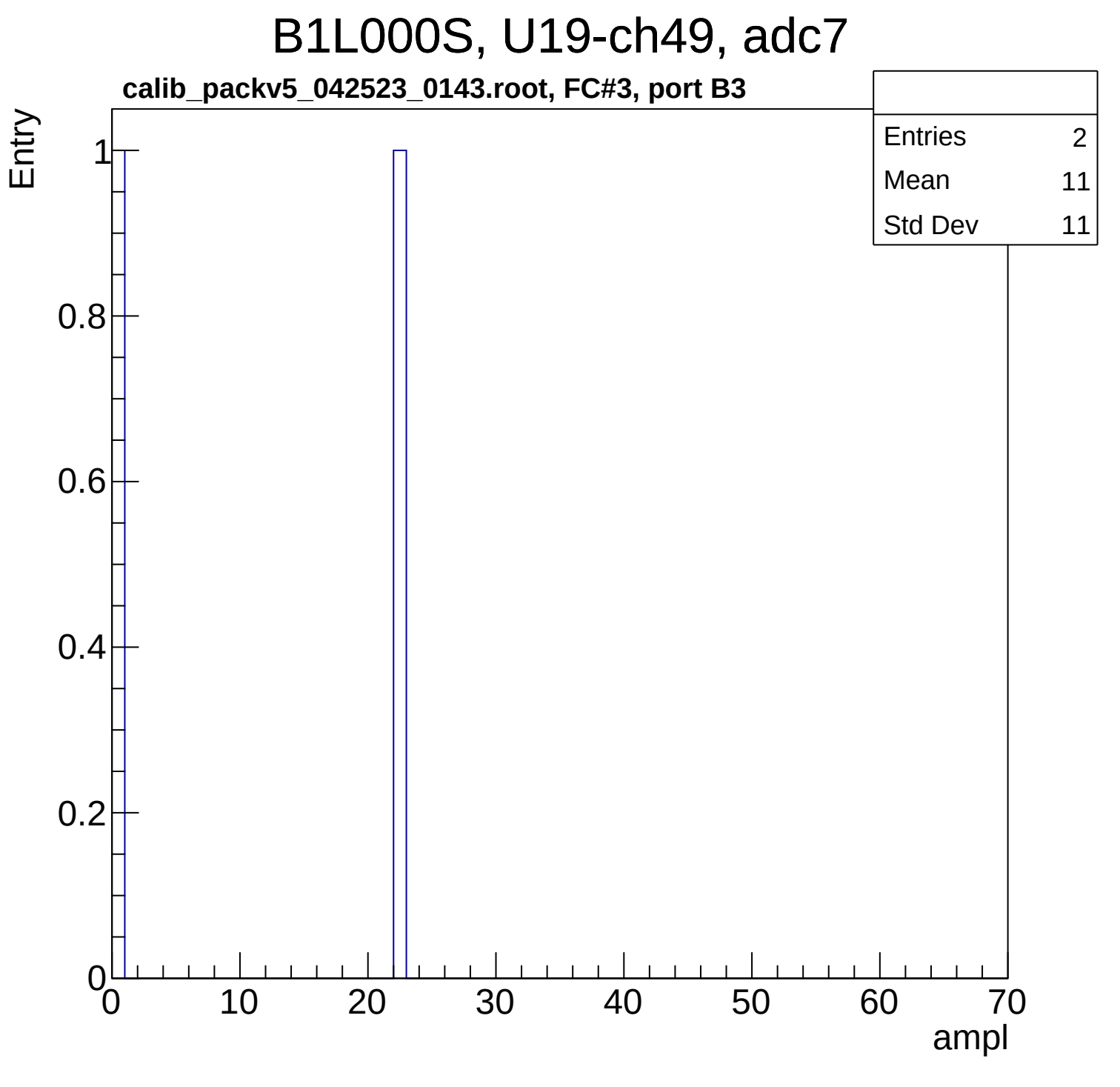
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch49, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 11
Std Dev 11
Entry
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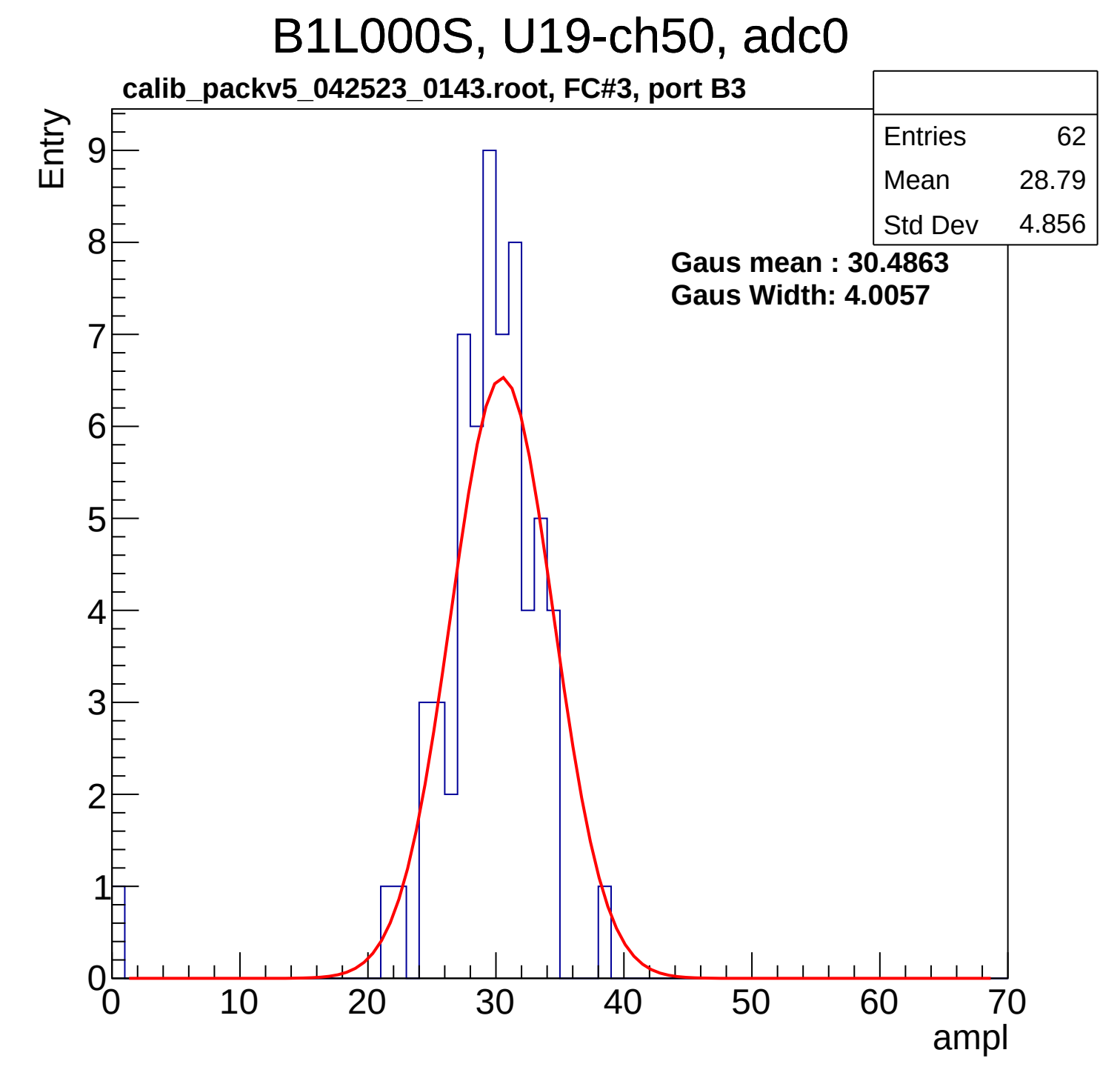
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch50, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 28.79
Std Dev 4.856
Gaus mean : 30.4863
Gaus Width: 4.0057
Entry
ampl
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2
3
4
5
6
7
8
9
0
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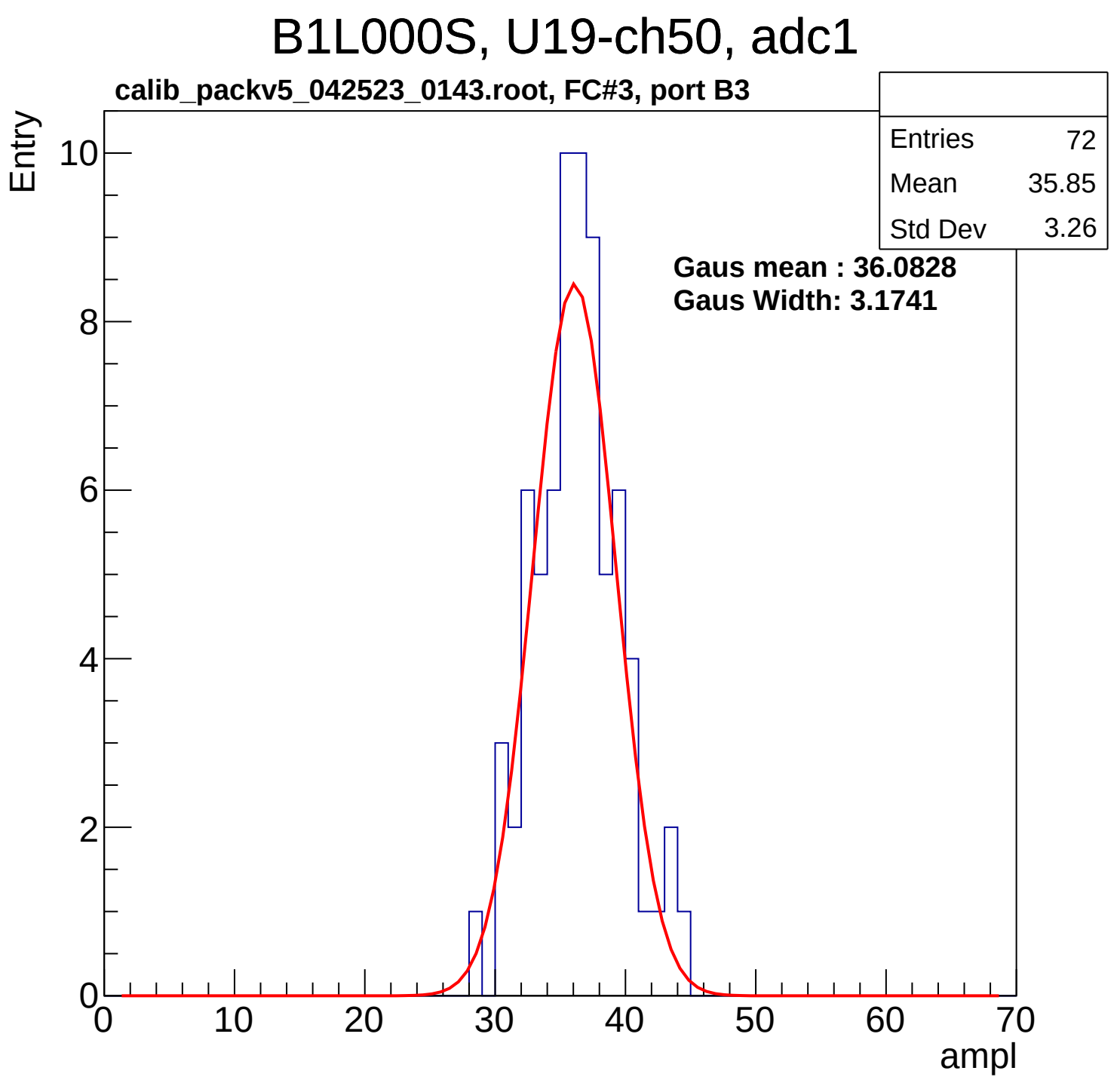
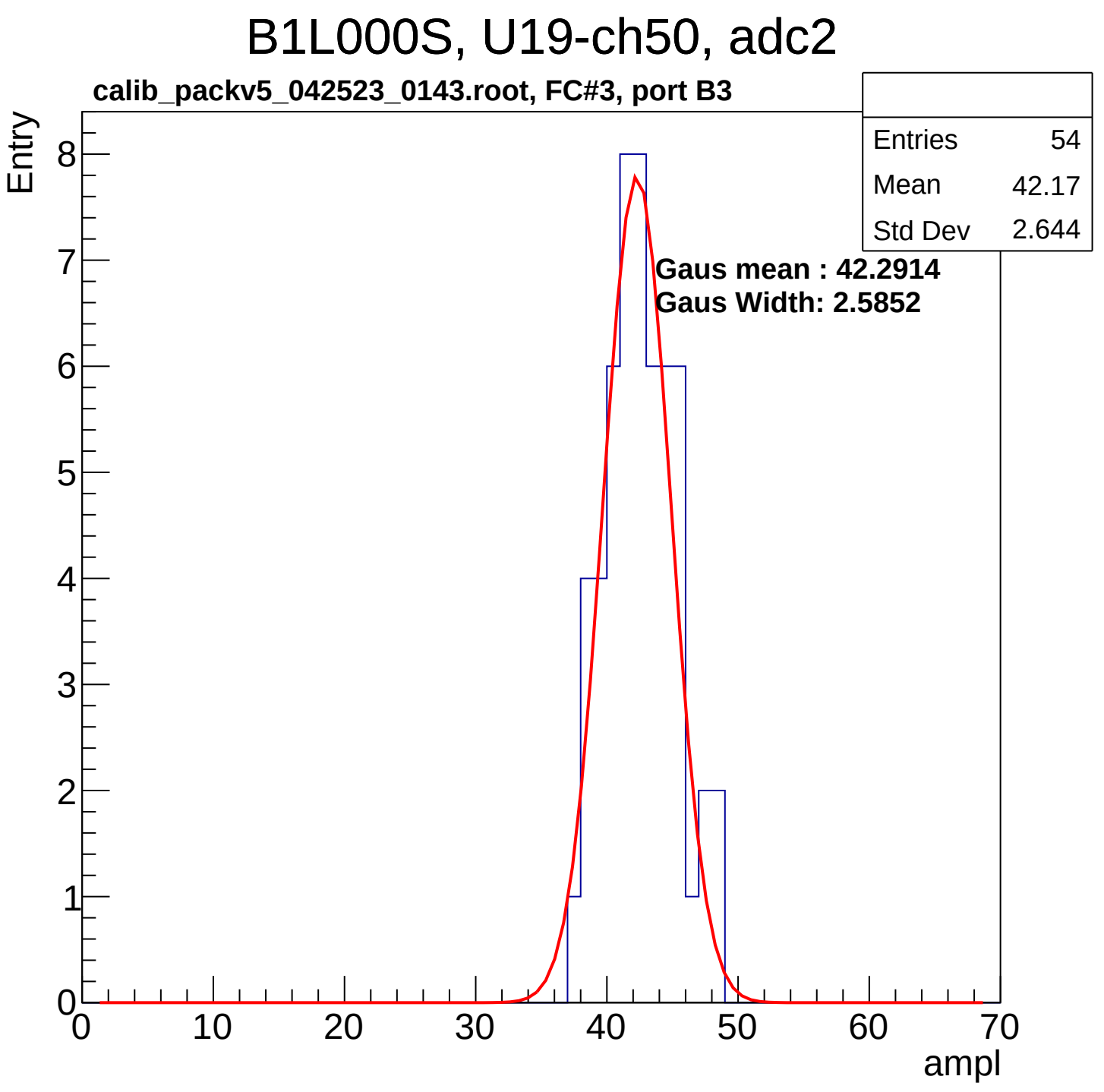
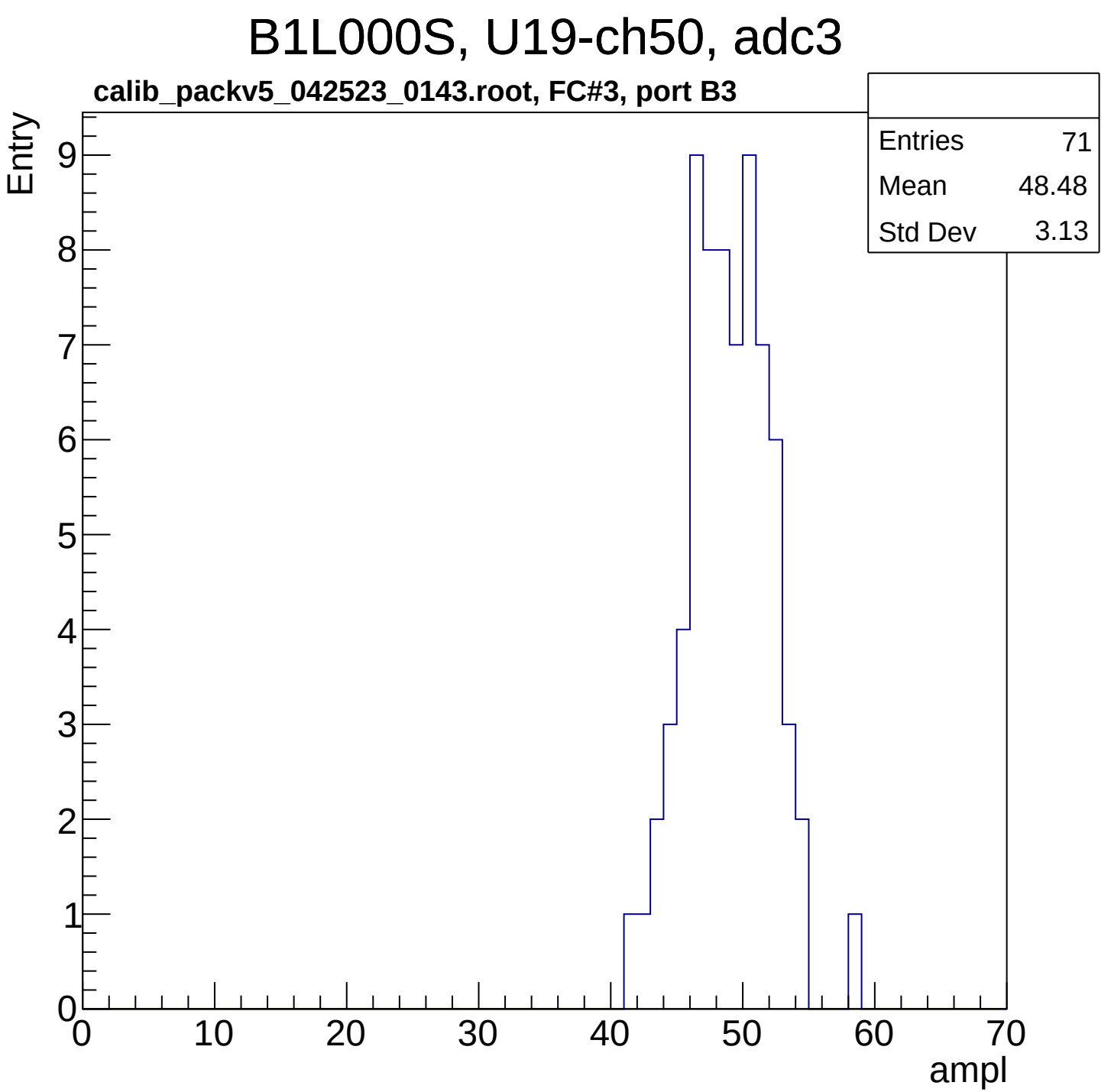
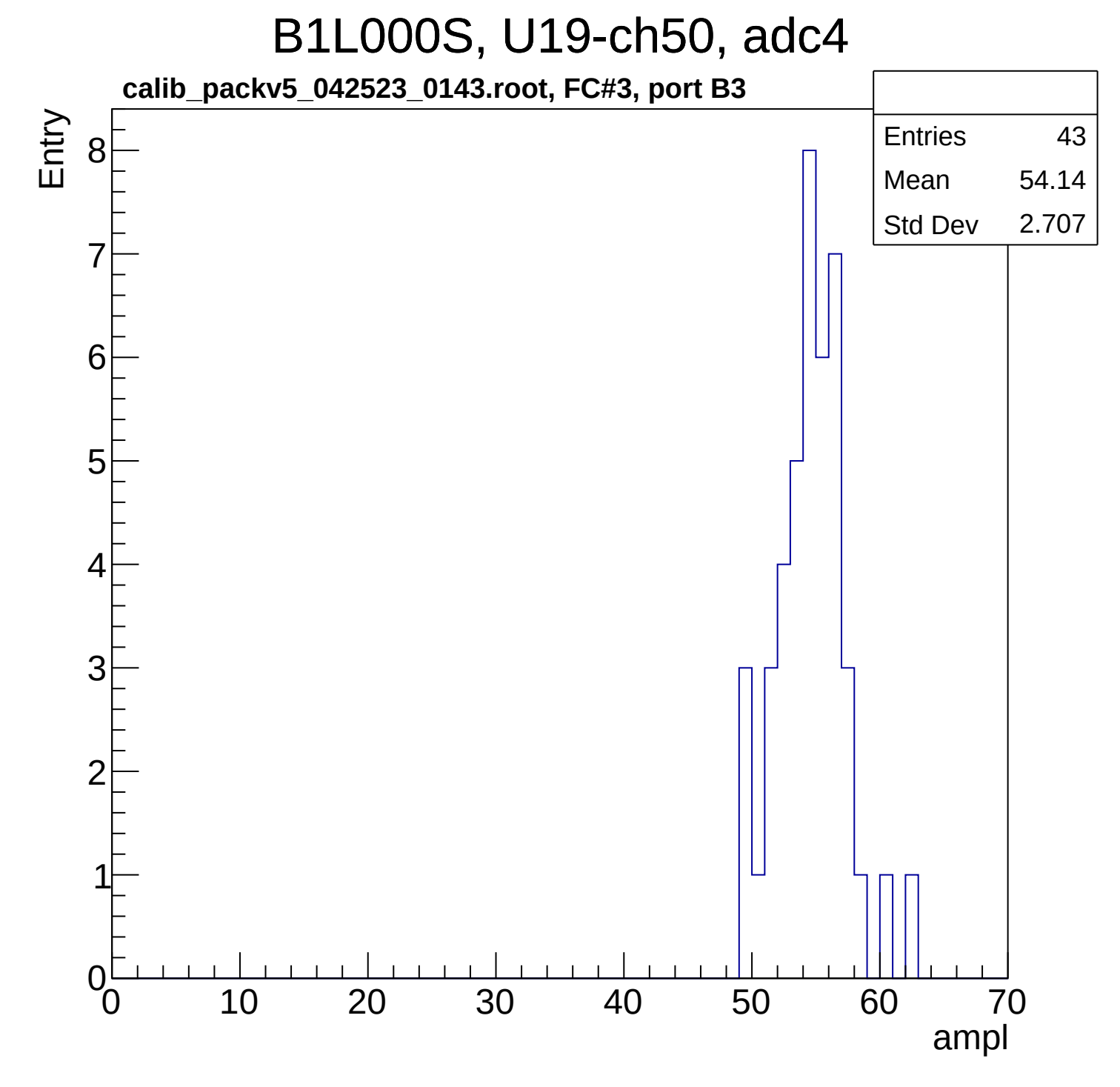

B1L000S, U19-ch50, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 35.85
Std Dev 3.26
Gaus mean : 36.0828
Gaus Width: 3.1741
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch50, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 42.17
Std Dev 2.644
Gaus mean : 42.2914
Gaus Width: 2.5852
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch50, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 48.48
Std Dev 3.13
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch50, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 54.14
Std Dev 2.707
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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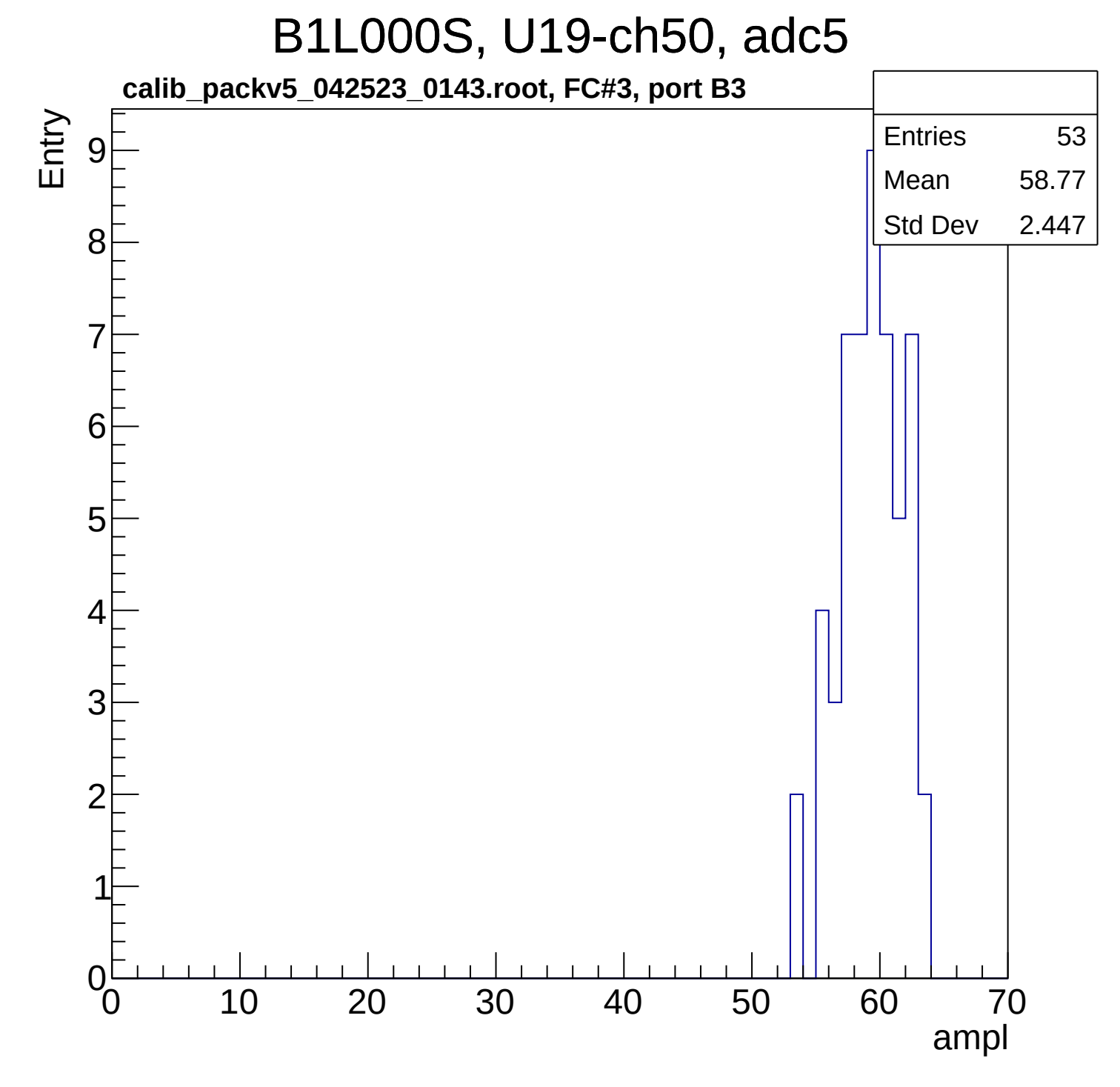
B1L000S, U19-ch50, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 58.77
Std Dev 2.447
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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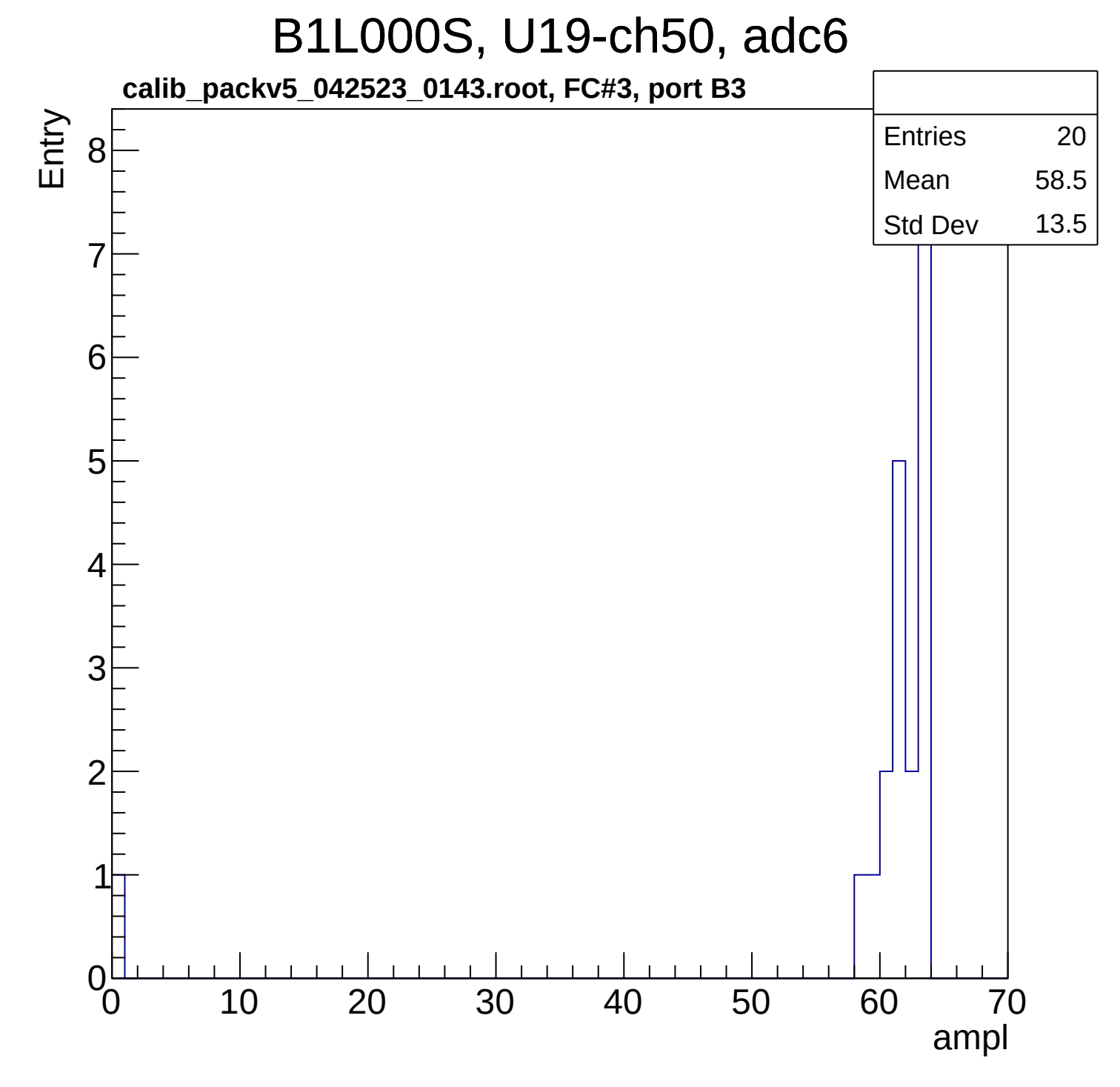
B1L000S, U19-ch50, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 20
Mean 58.5
Std Dev 13.5
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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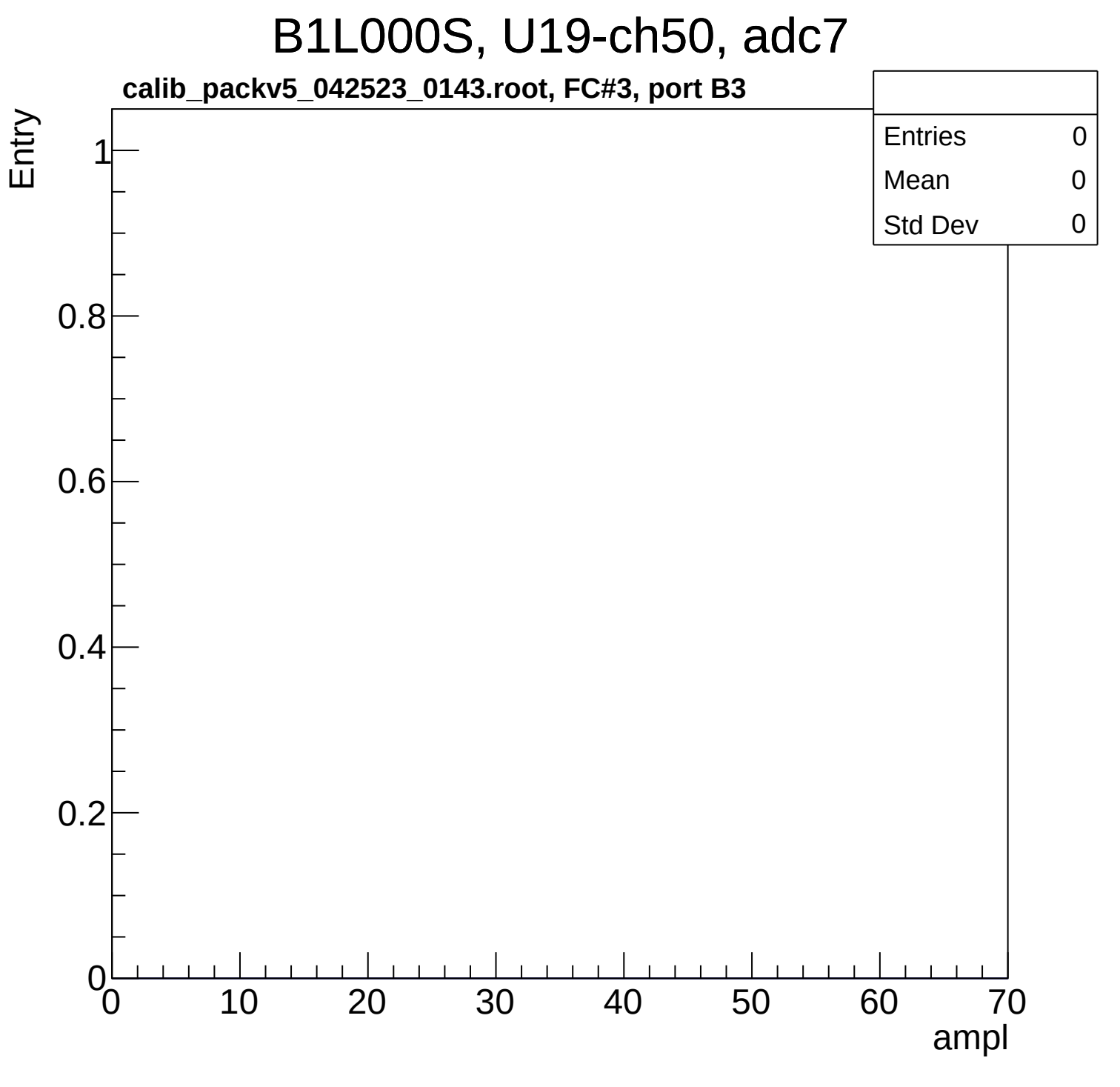
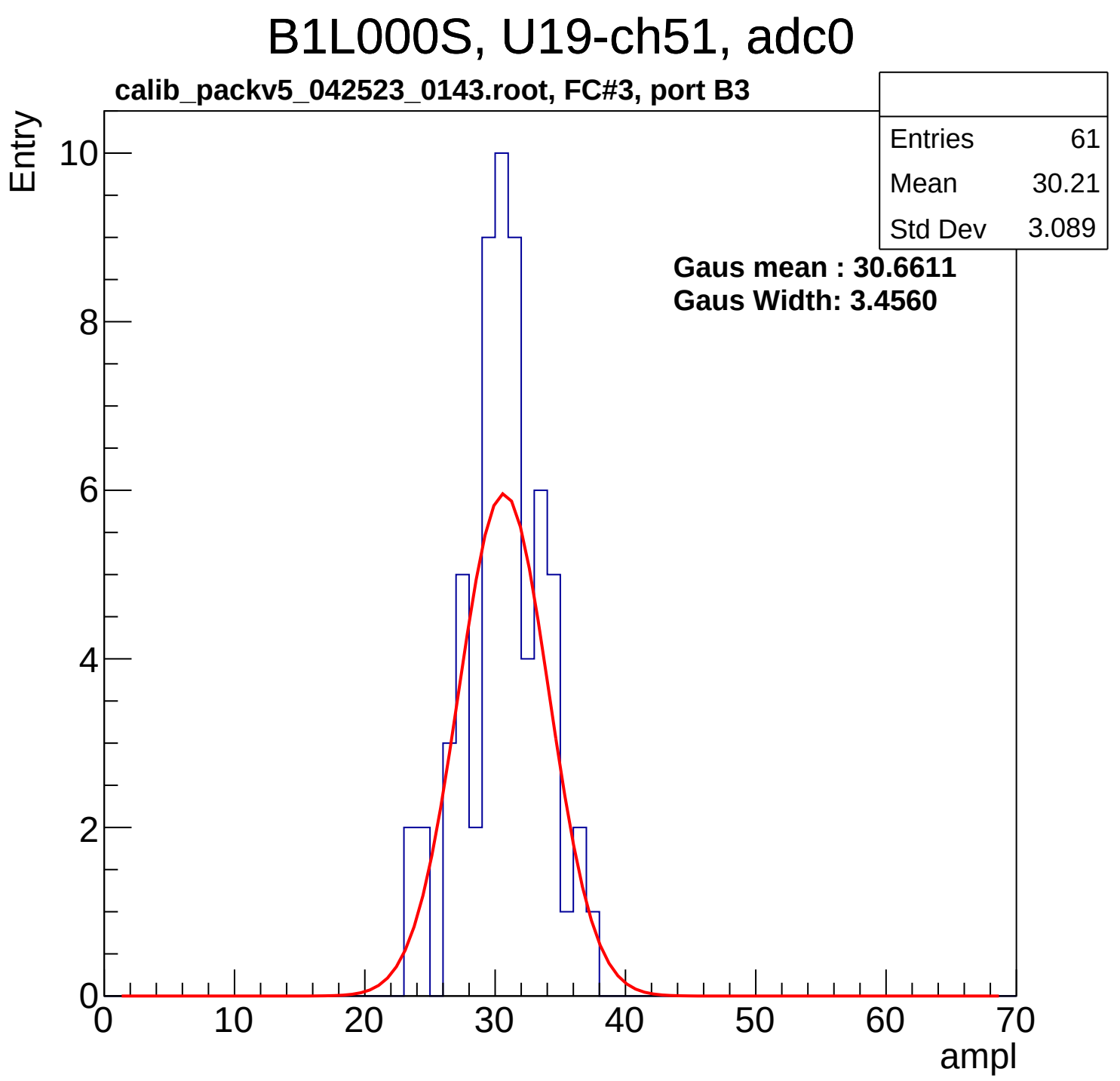
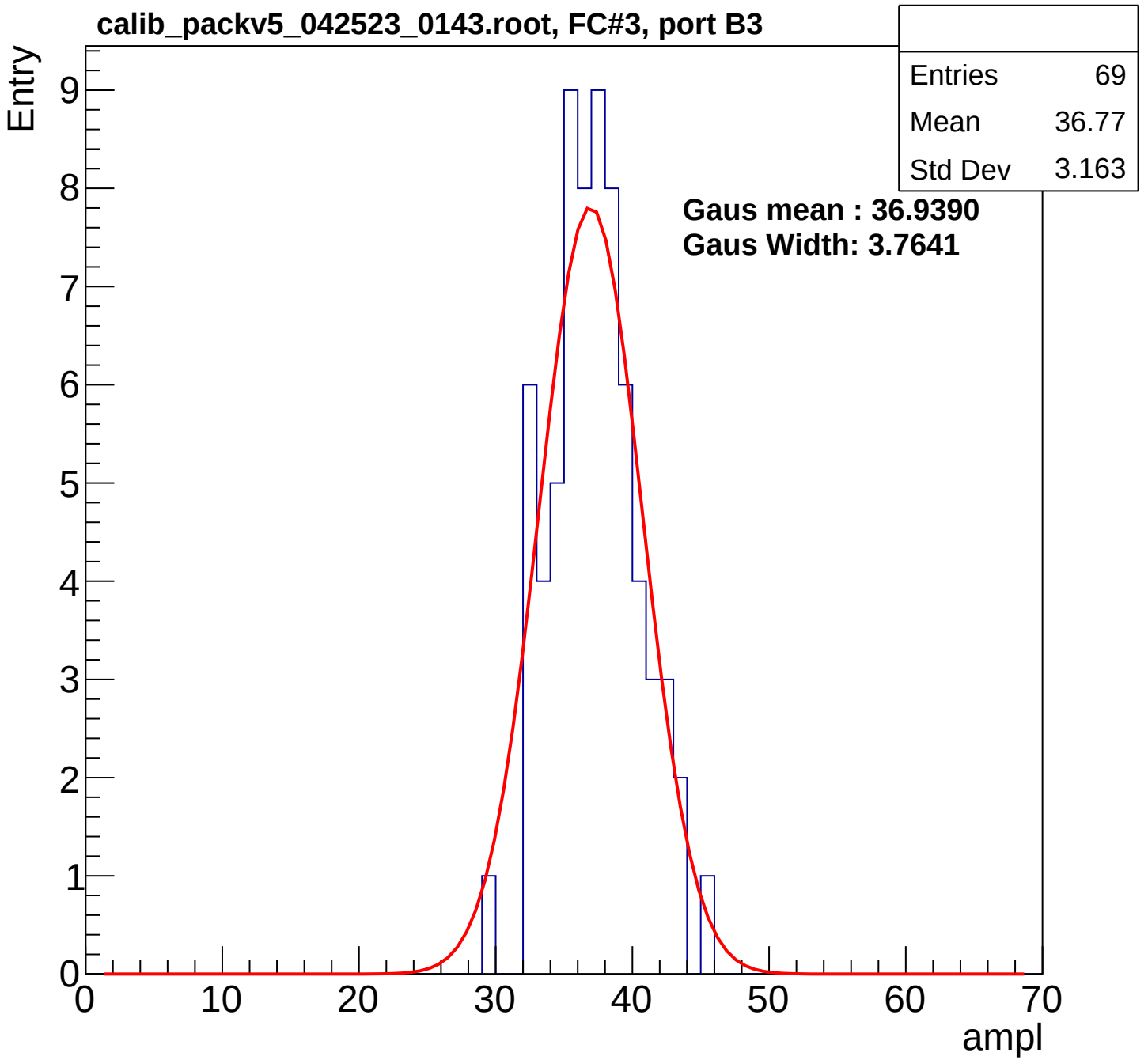

B1L000S, U19-ch50, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch51, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 30.21
Std Dev 3.089
Gaus mean : 30.6611
Gaus Width: 3.4560
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch51, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 36.77
Std Dev 3.163
Gaus mean : 36.9390
Gaus Width: 3.7641
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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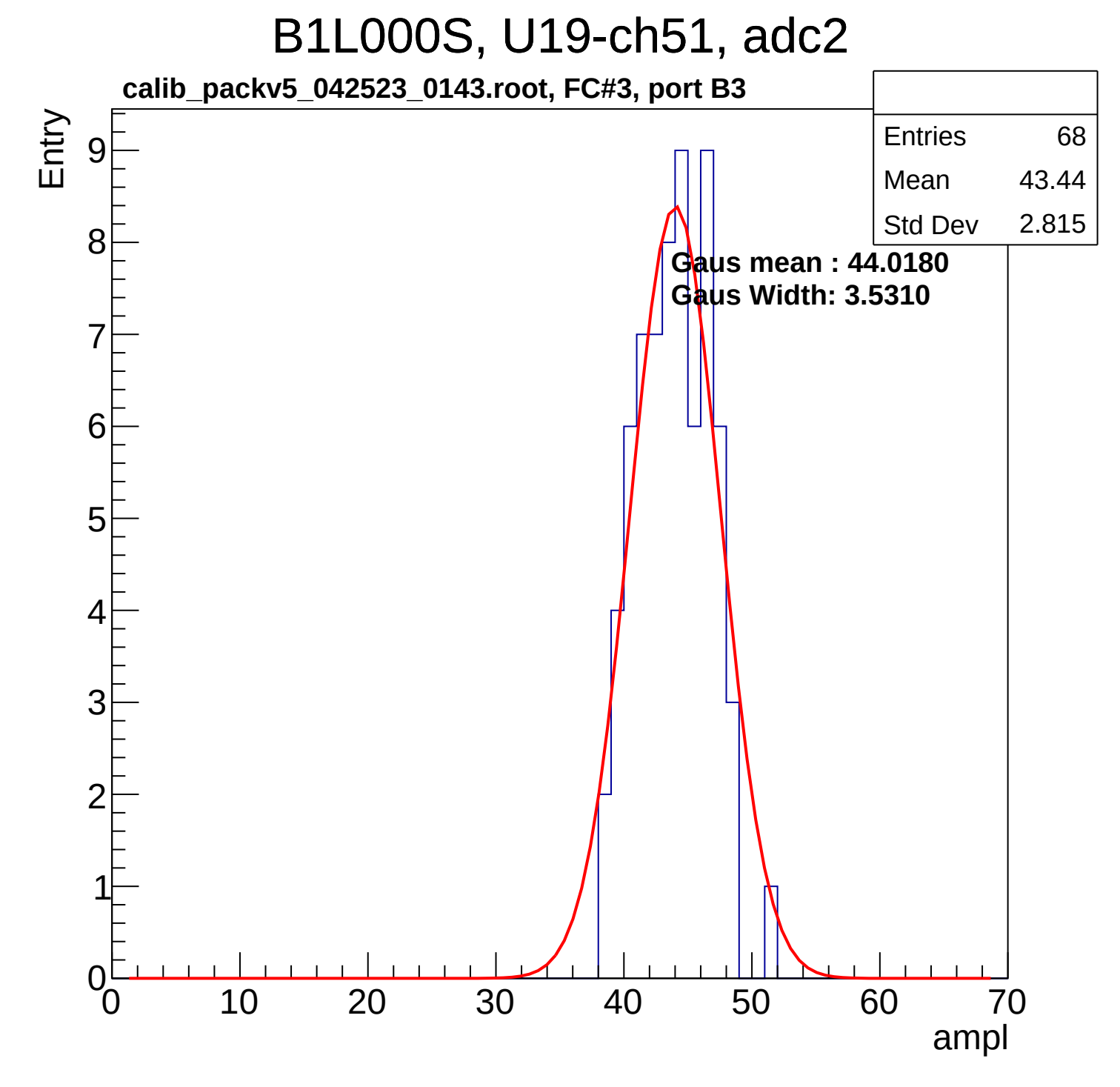
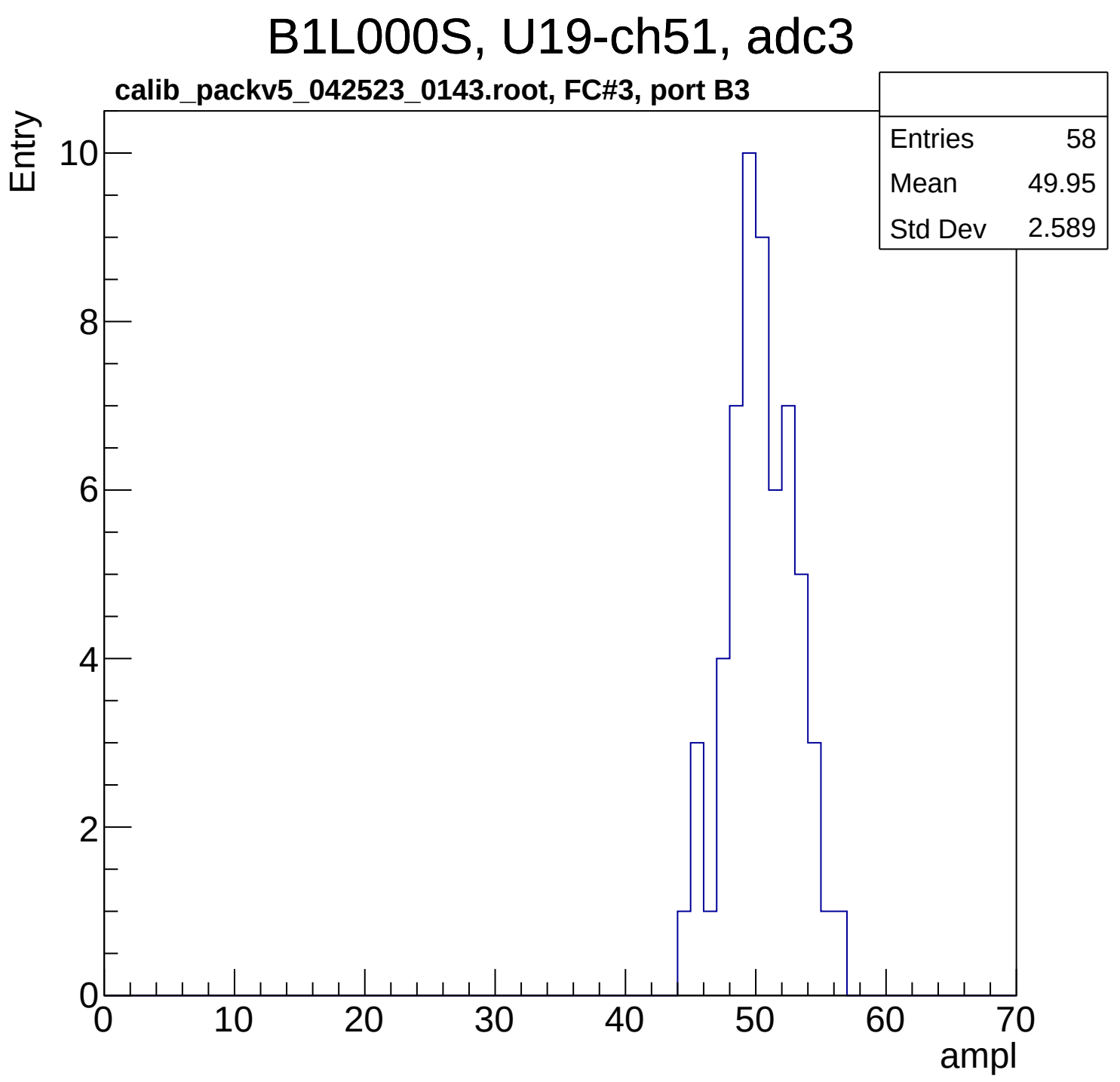
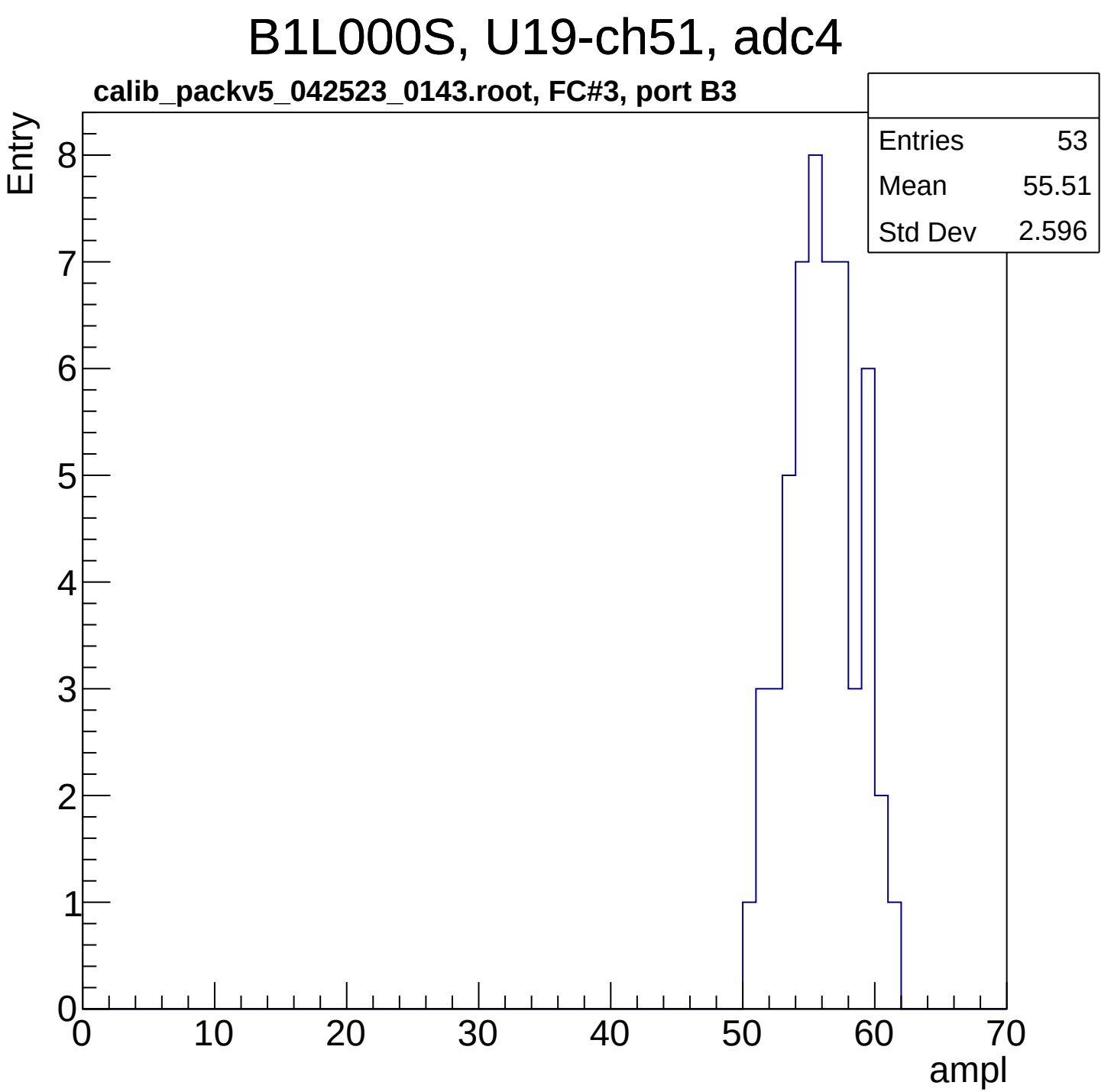
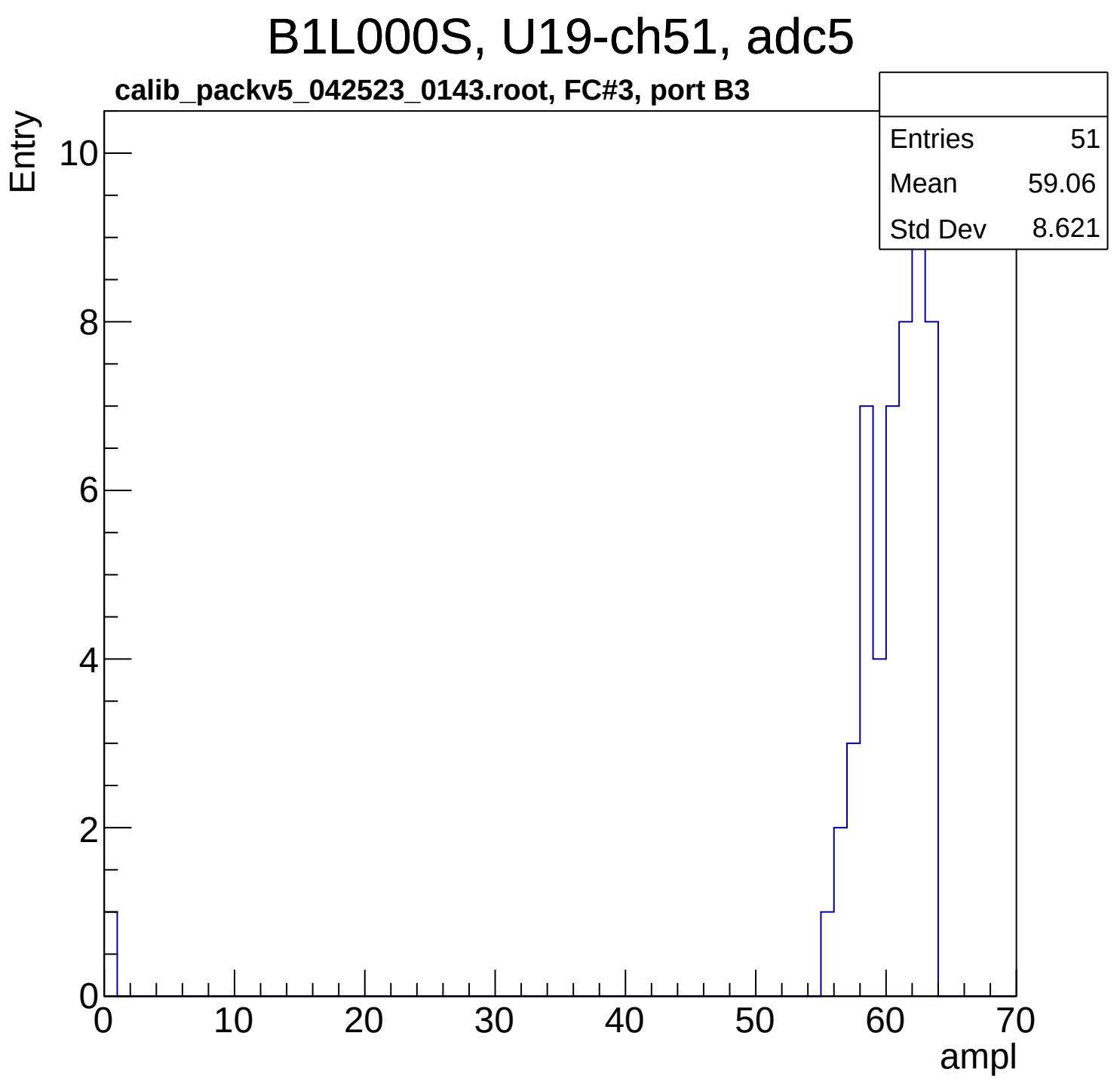
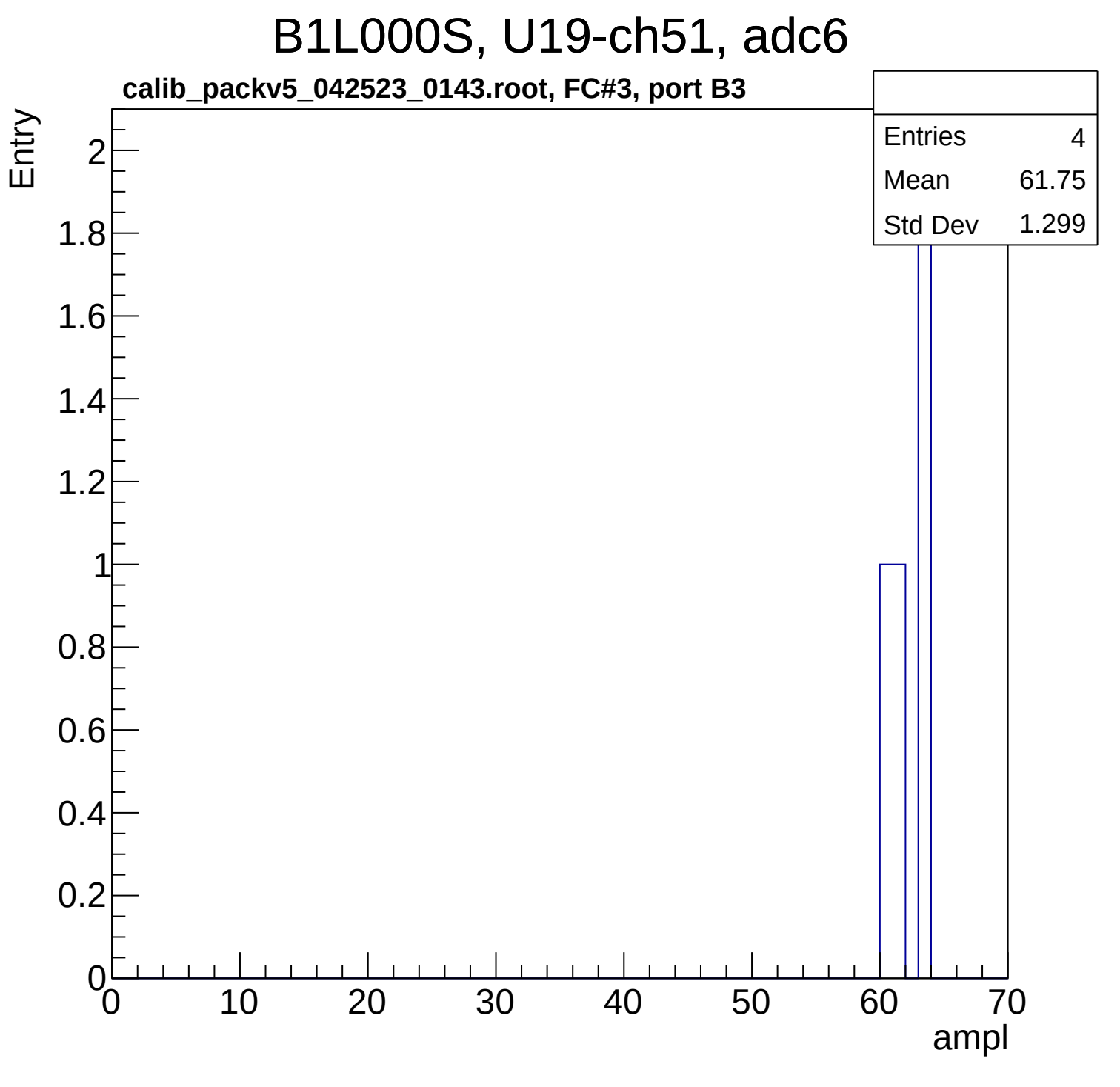
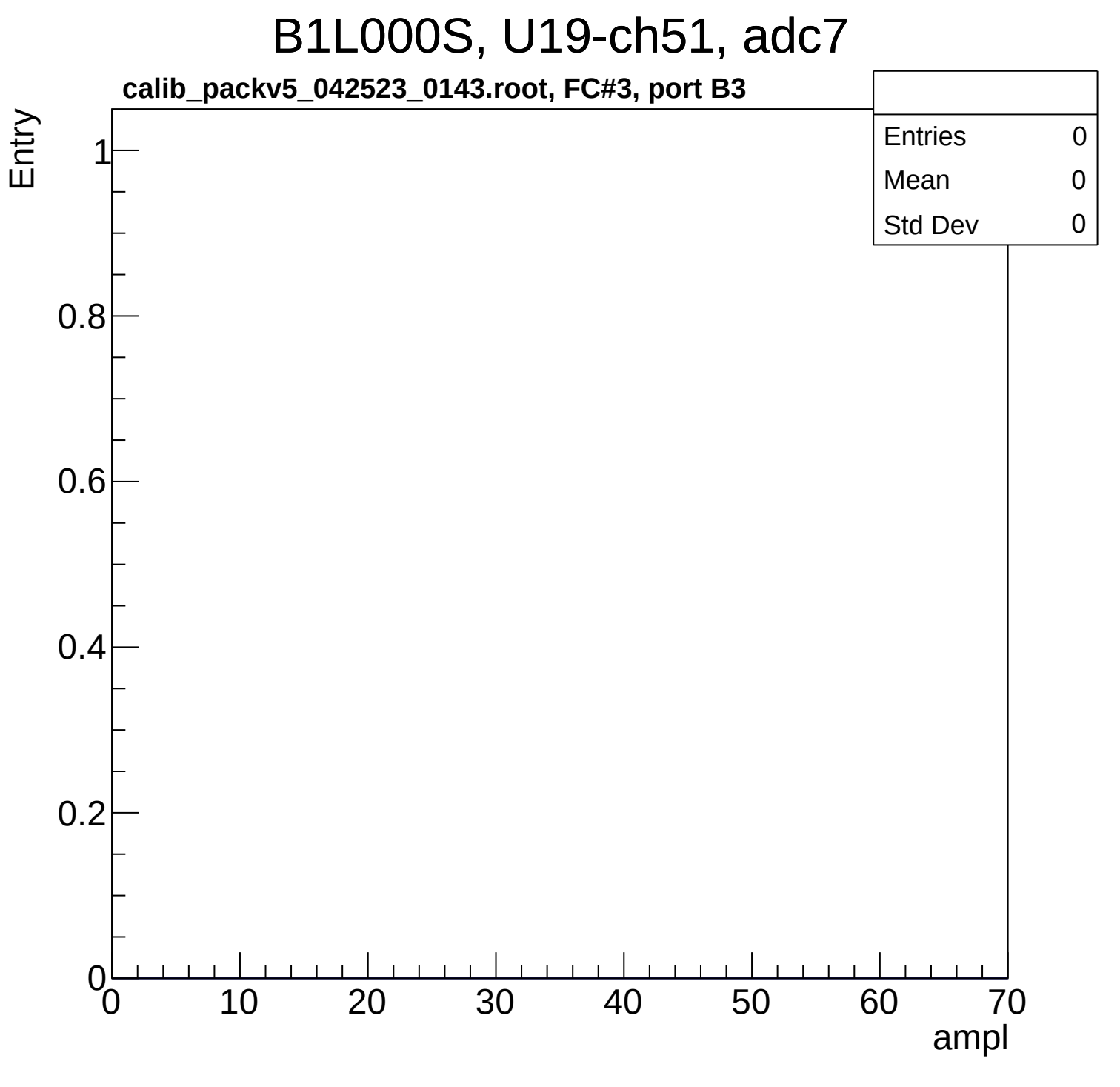

B1L000S, U19-ch51, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 43.44
Std Dev 2.815
Gaus mean : 44.0180
Gaus Width: 3.5310
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

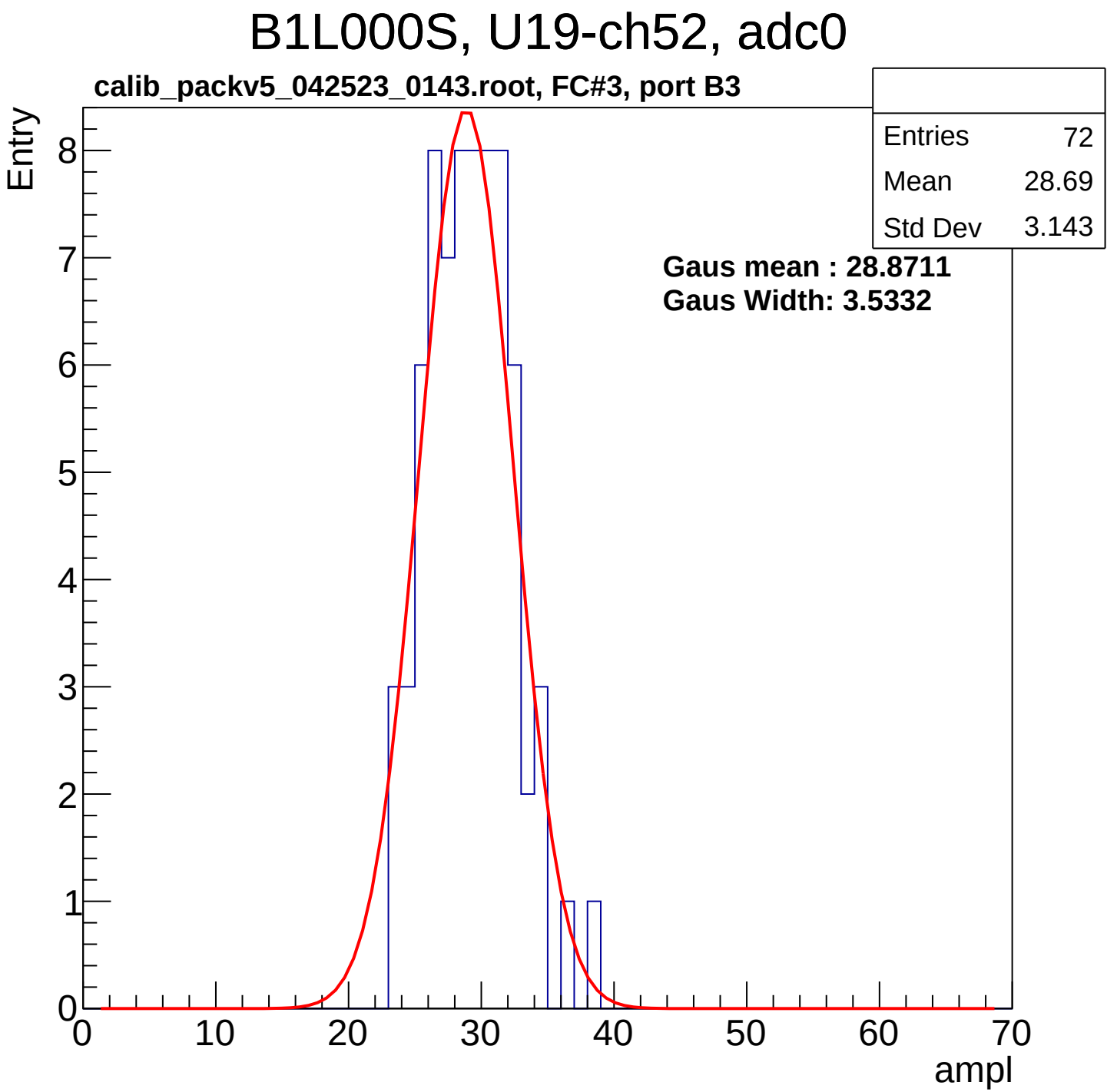

B1L000S, U19-ch51, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 49.95
Std Dev 2.589
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

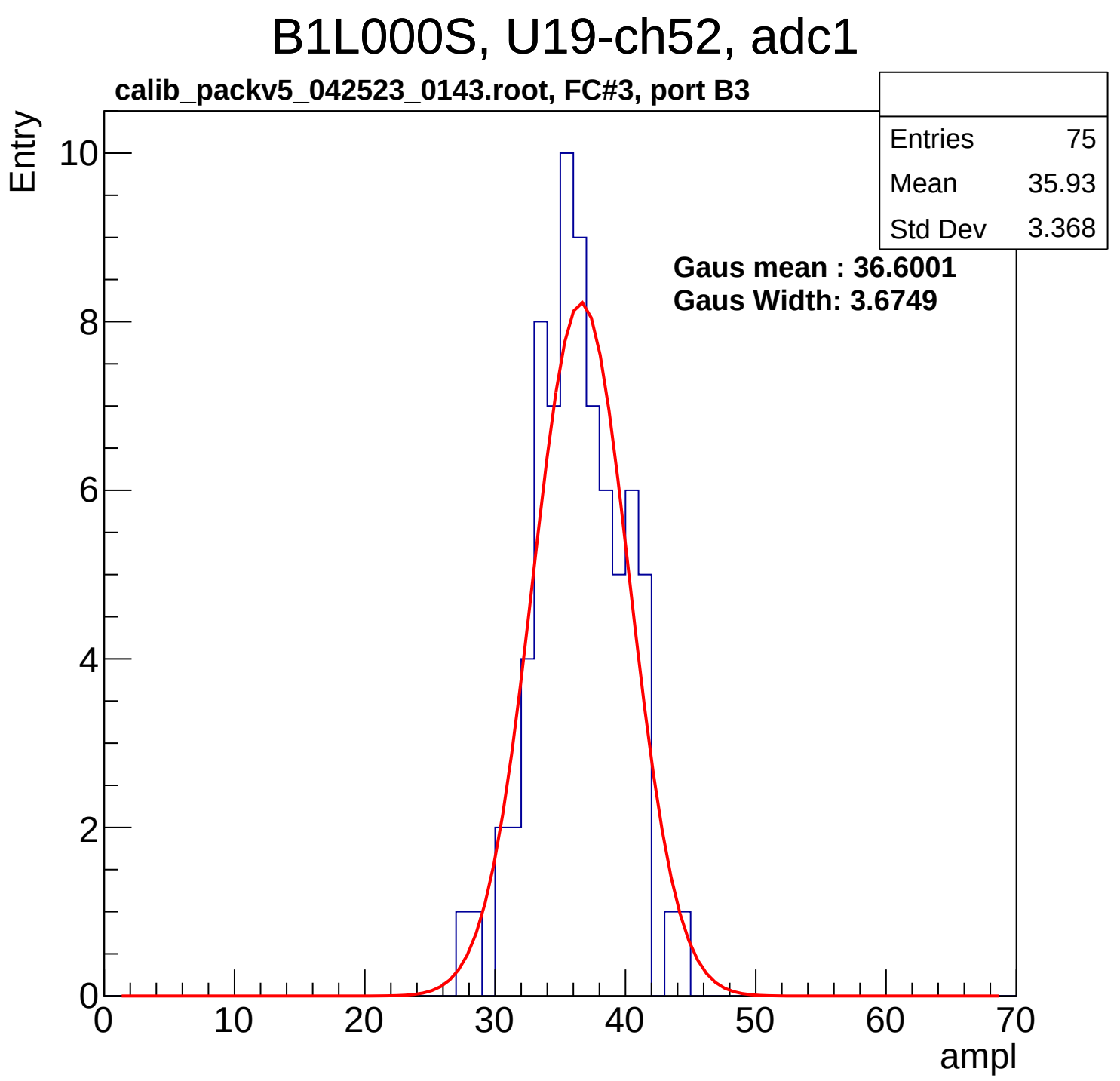

B1L000S, U19-ch51, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 55.51
Std Dev 2.596
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

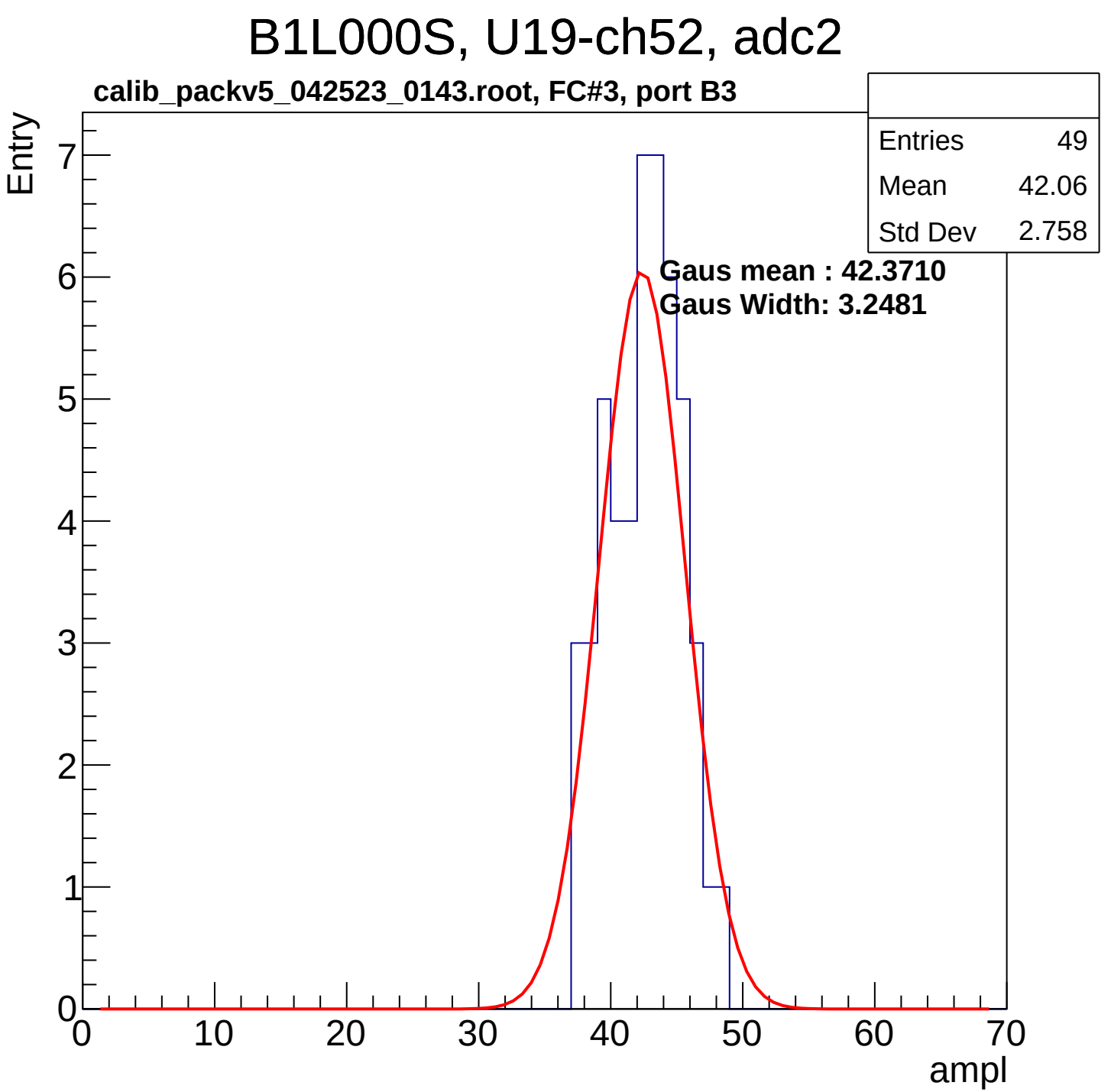

B1L000S, U19-ch51, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 59.06
Std Dev 8.621
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

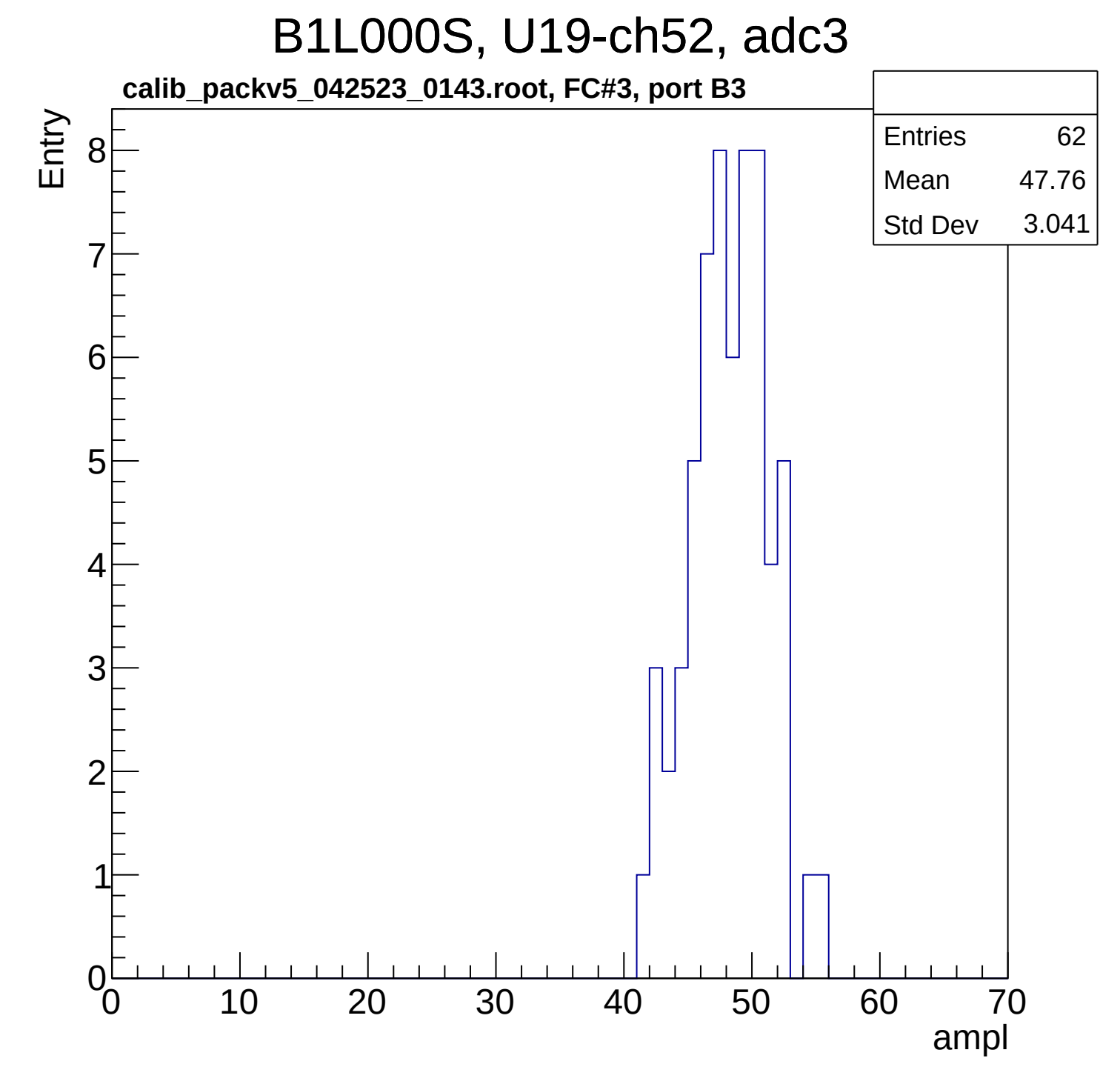

B1L000S, U19-ch51, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 61.75
Std Dev 1.299
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

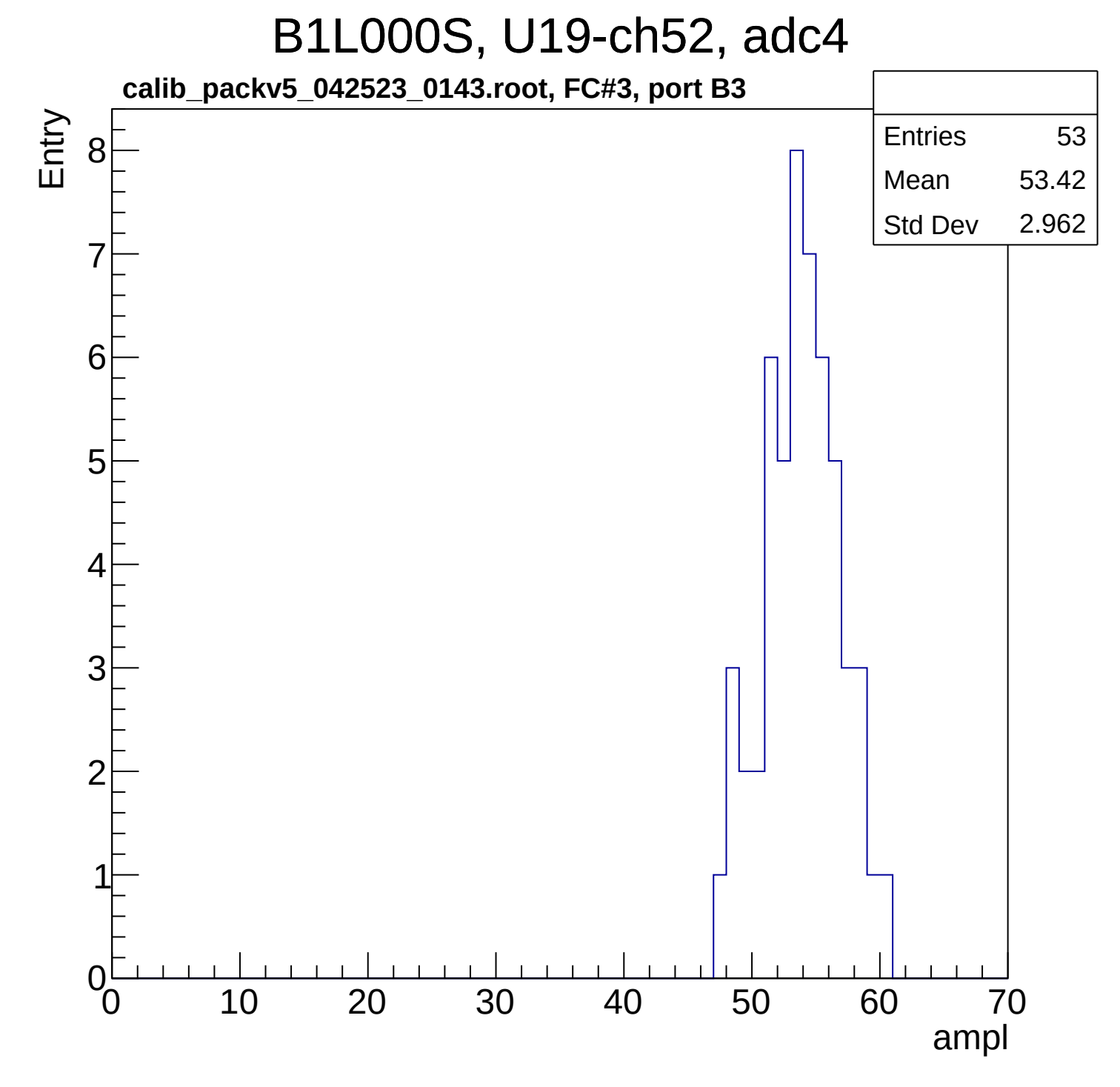

B1L000S, U19-ch51, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch52, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 28.69
Std Dev 3.143
Gaus mean : 28.8711
Gaus Width: 3.5332
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch52, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 35.93
Std Dev 3.368
Gaus mean : 36.6001
Gaus Width: 3.6749
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch52, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 42.06
Std Dev 2.758
Gaus mean : 42.3710
Gaus Width: 3.2481
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U19-ch52, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 47.76
Std Dev 3.041
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch52, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 53.42
Std Dev 2.962
Entry
ampl
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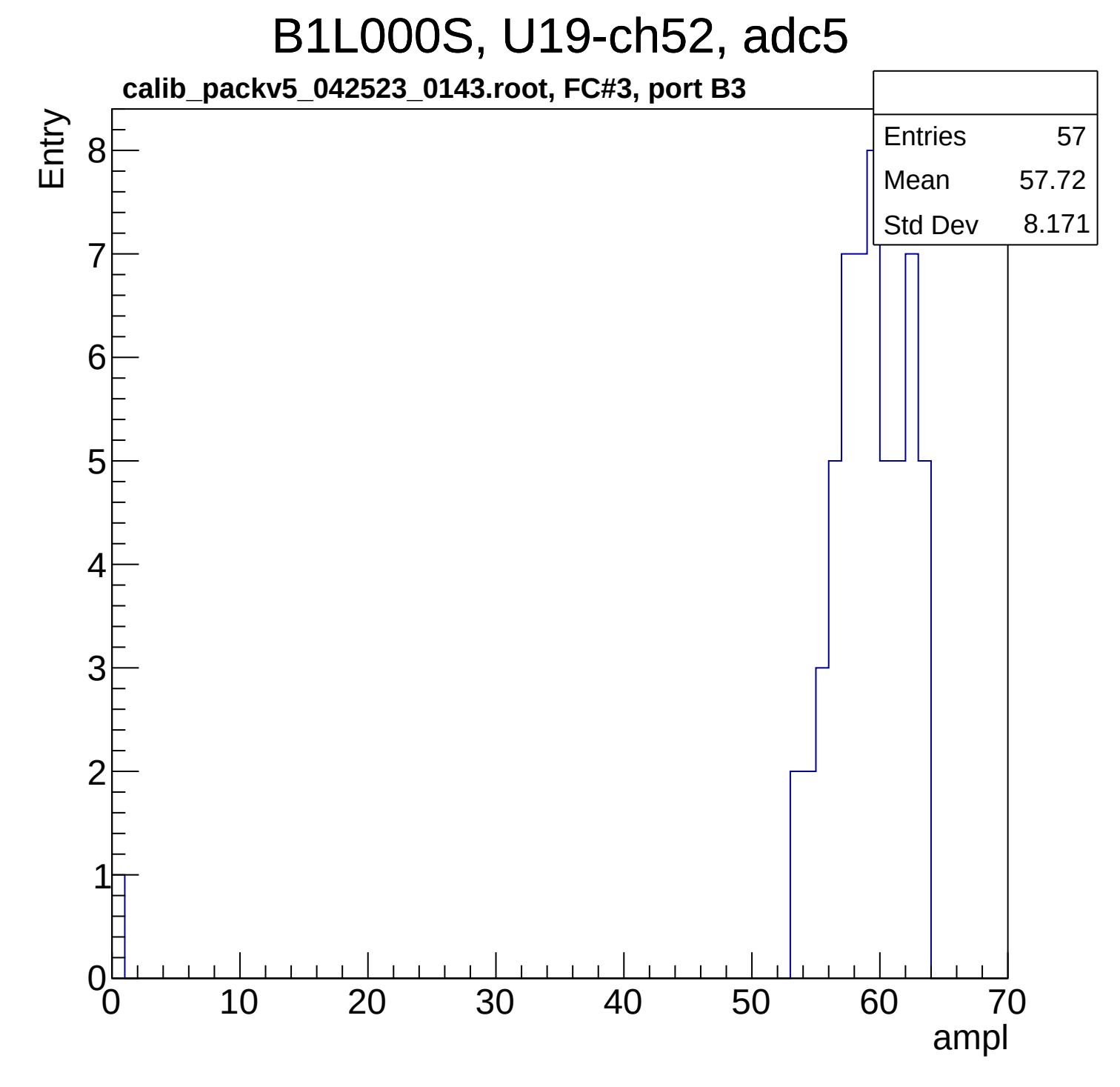
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch52, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 57.72
Std Dev 8.171
Entry
ampl
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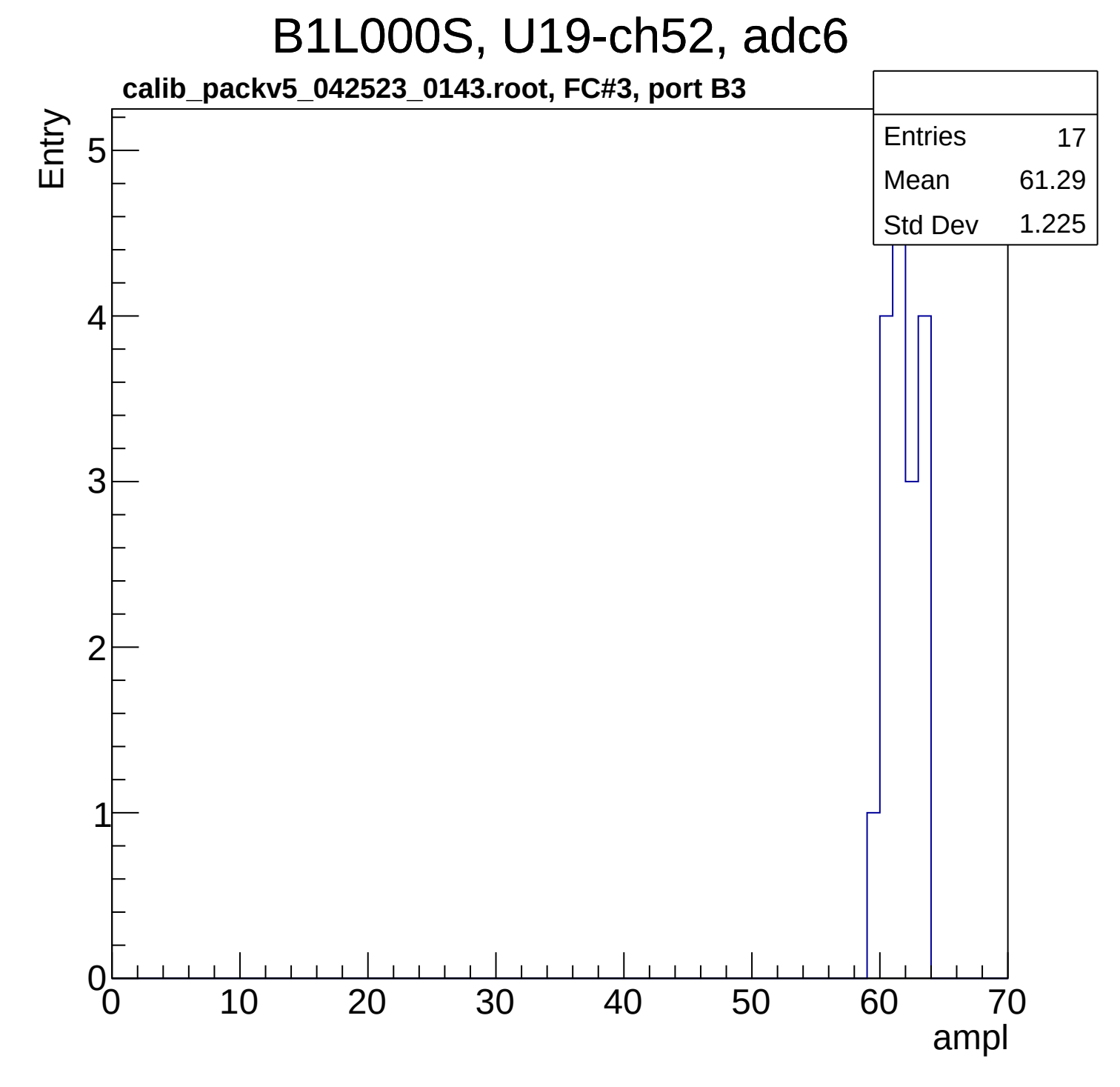
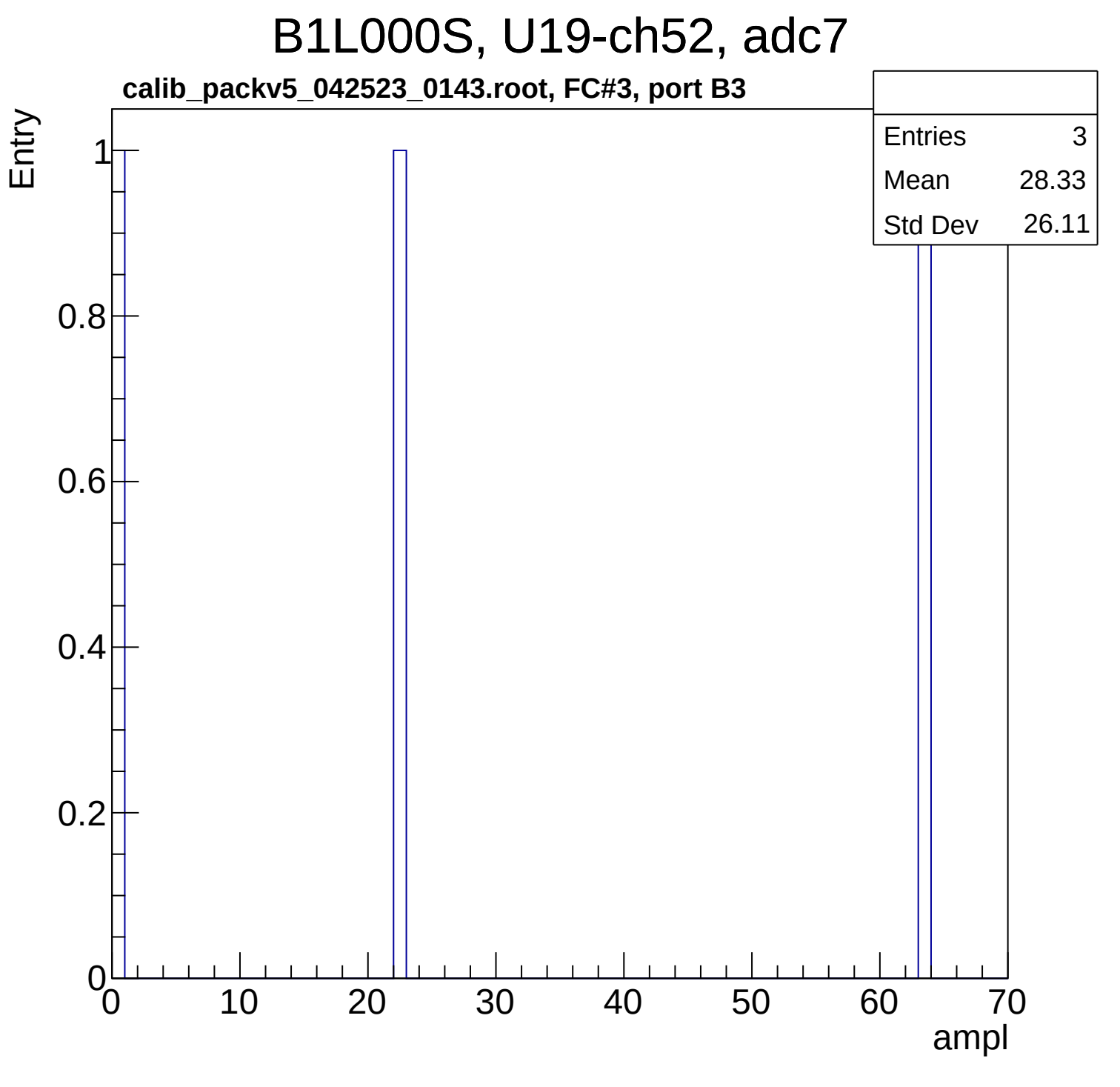
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch52, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 61.29
Std Dev 1.225
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch52, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 28.33
Std Dev 26.11
Entry
ampl
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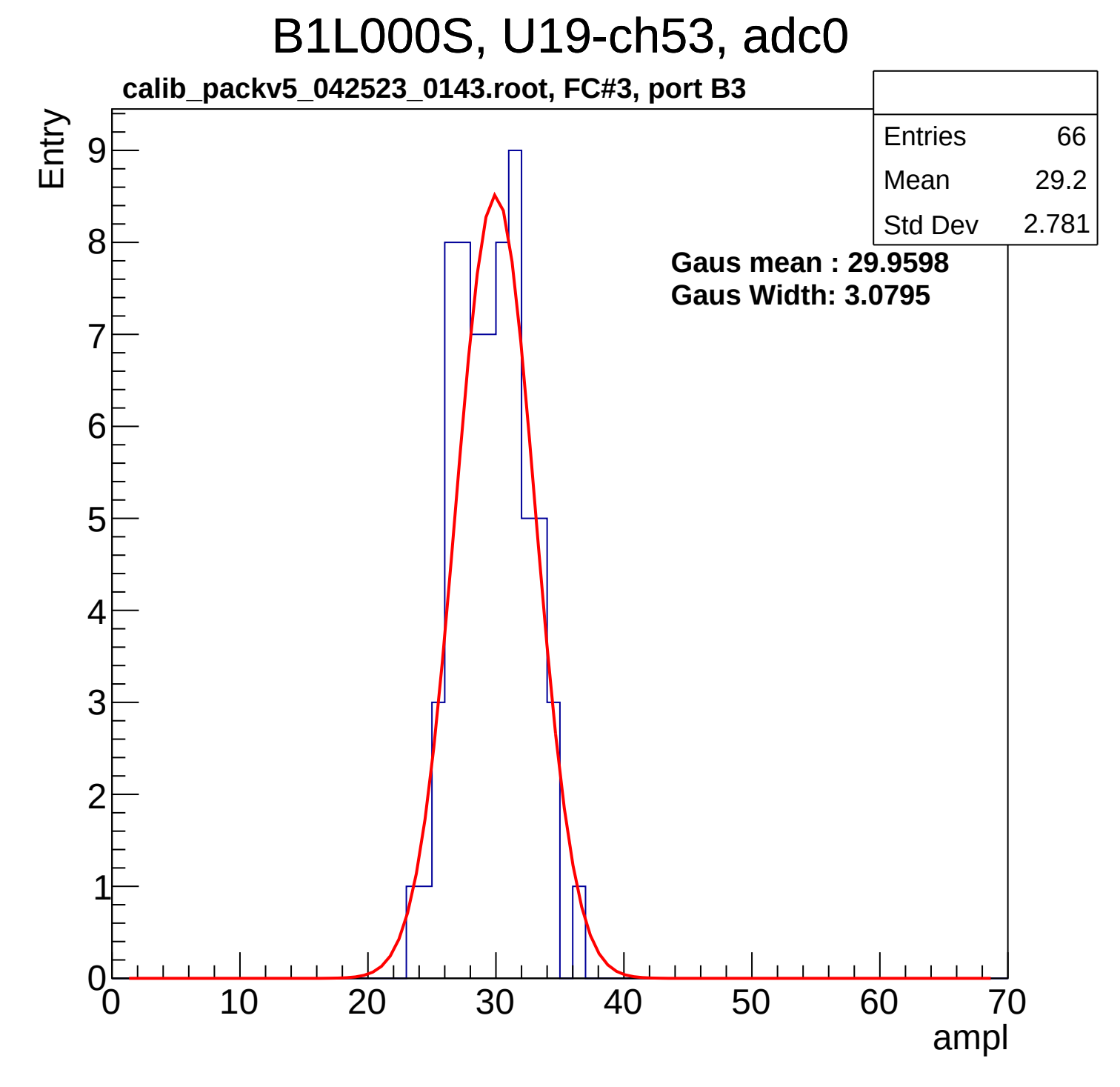
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L000S, U19-ch53, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 29.2
Std Dev 2.781
Gaus mean : 29.9598
Gaus Width: 3.0795
Entry
ampl
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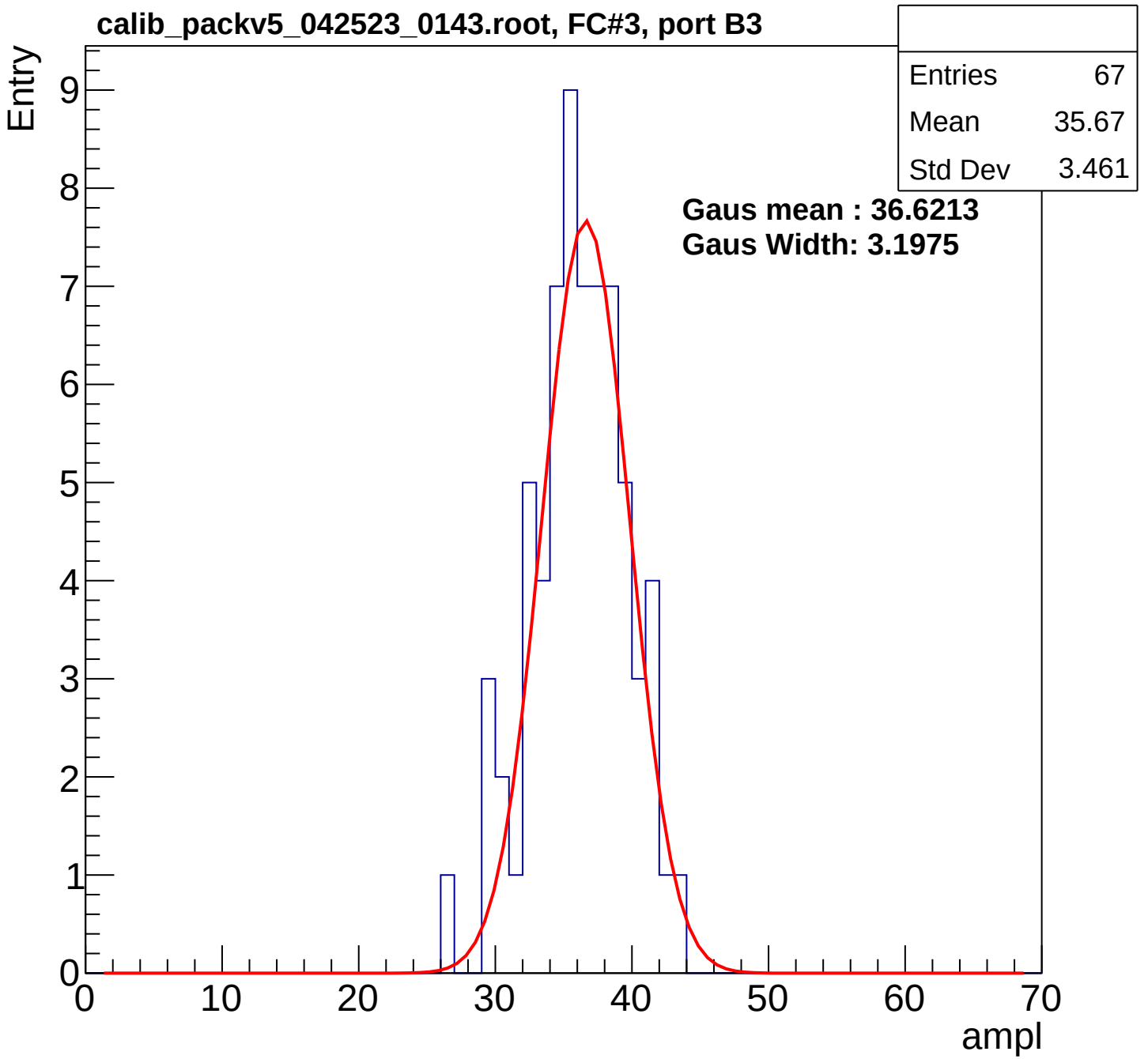
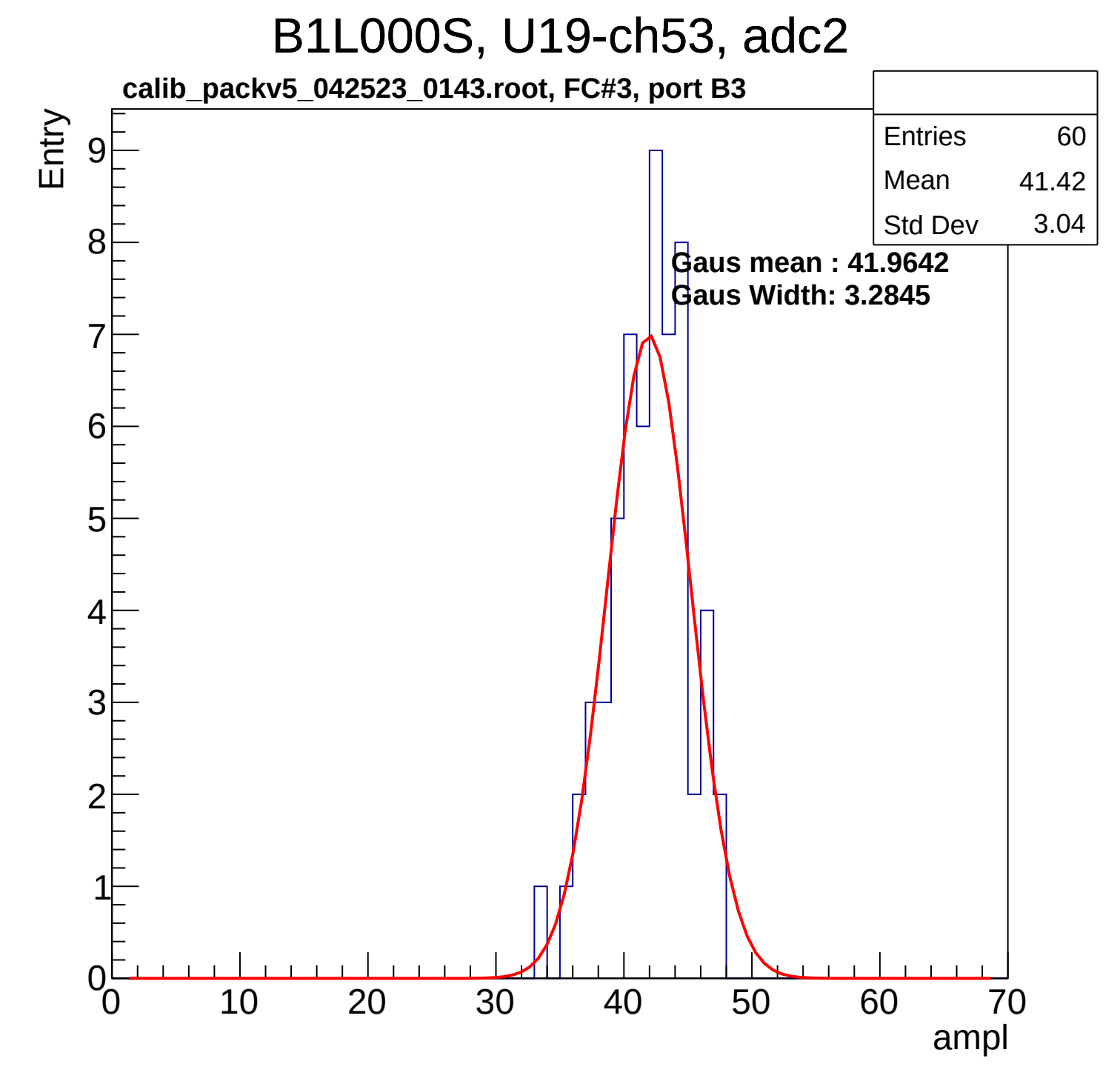
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch53, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 35.67
Std Dev 3.461
Gaus mean : 36.6213
Gaus Width: 3.1975
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch53, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 41.42
Std Dev 3.04
Gaus mean : 41.9642
Gaus Width: 3.2845
Entry
ampl
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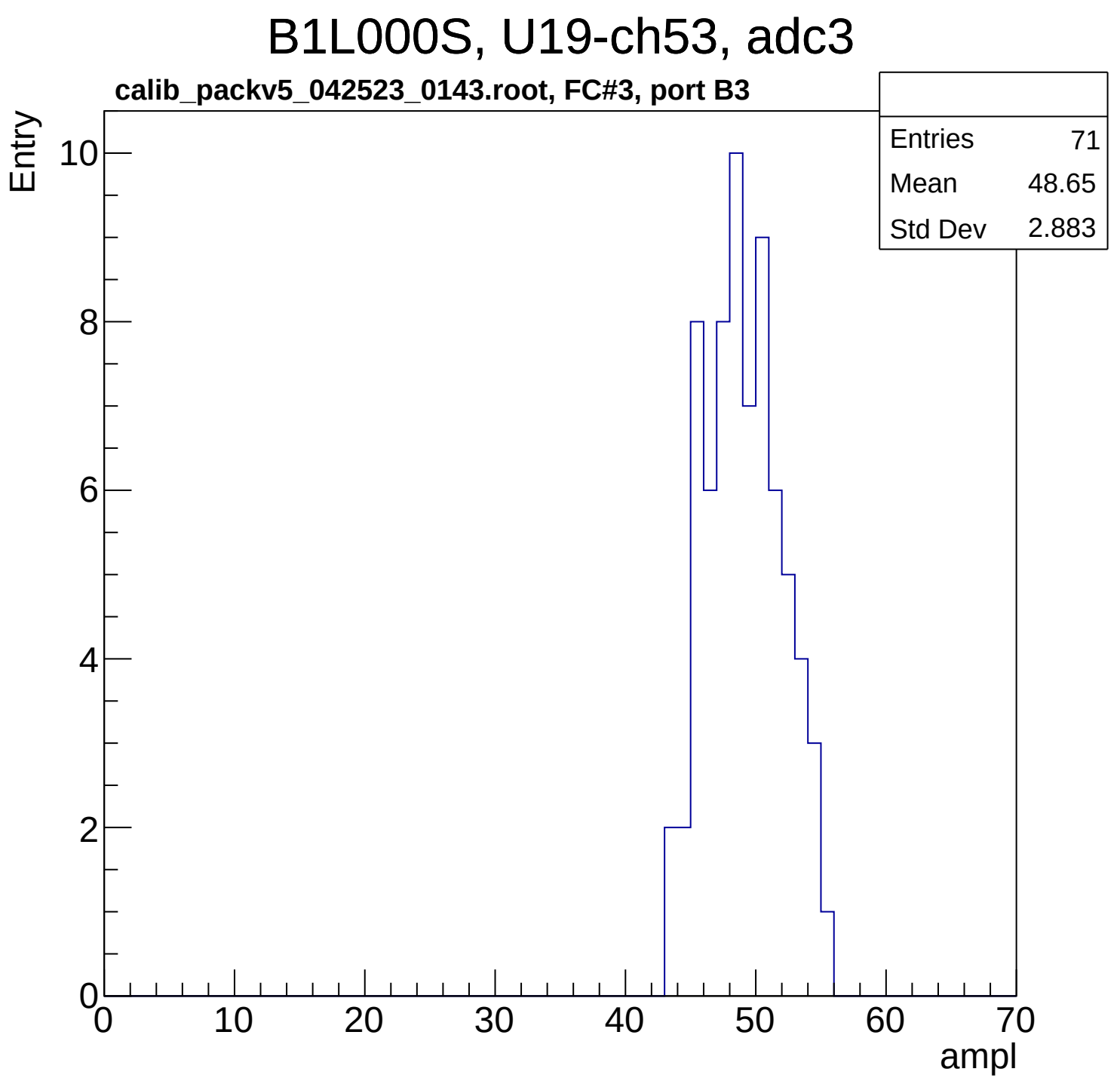
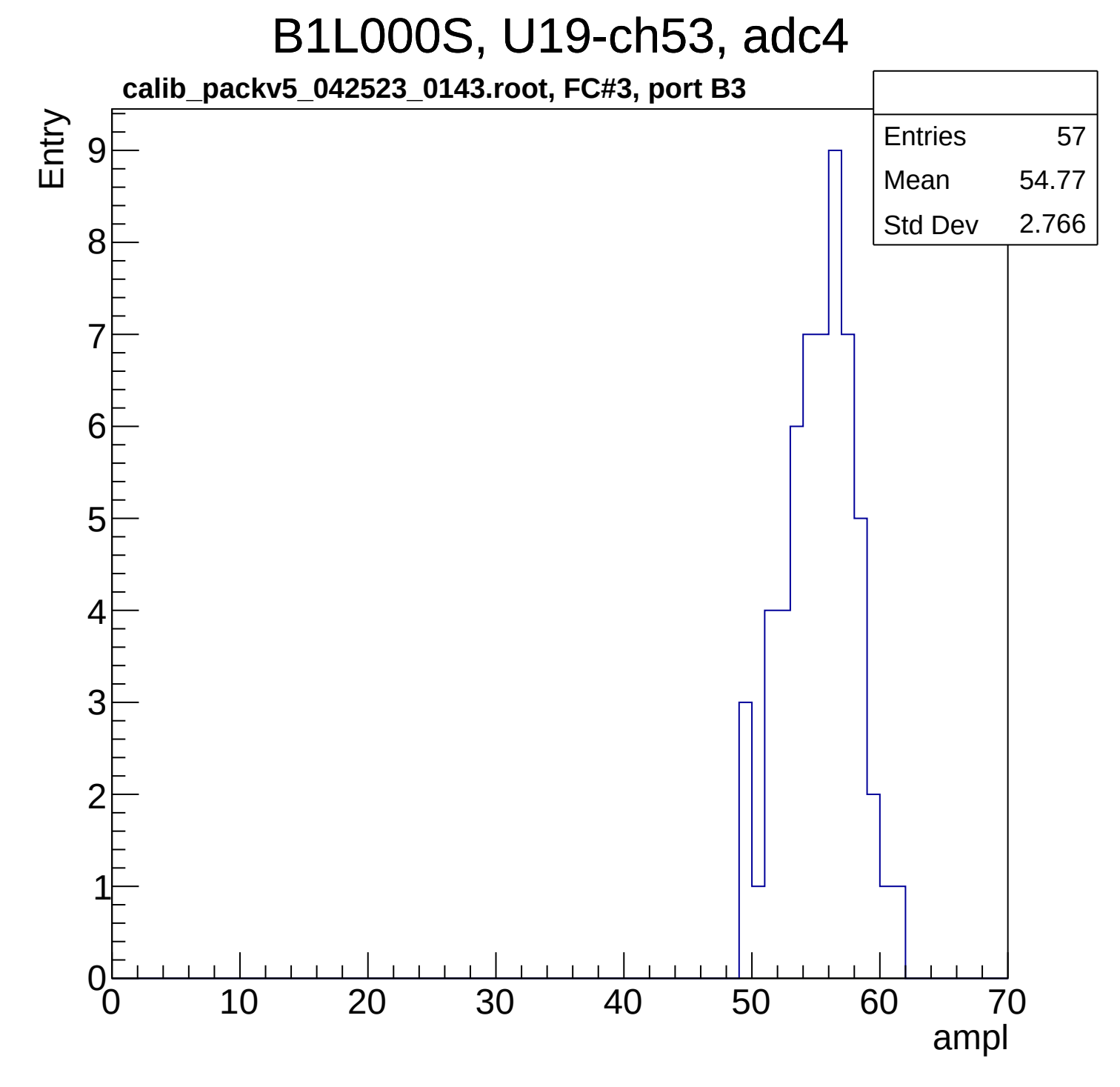
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U19-ch53, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 48.65
Std Dev 2.883
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch53, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 54.77
Std Dev 2.766
Entry
ampl
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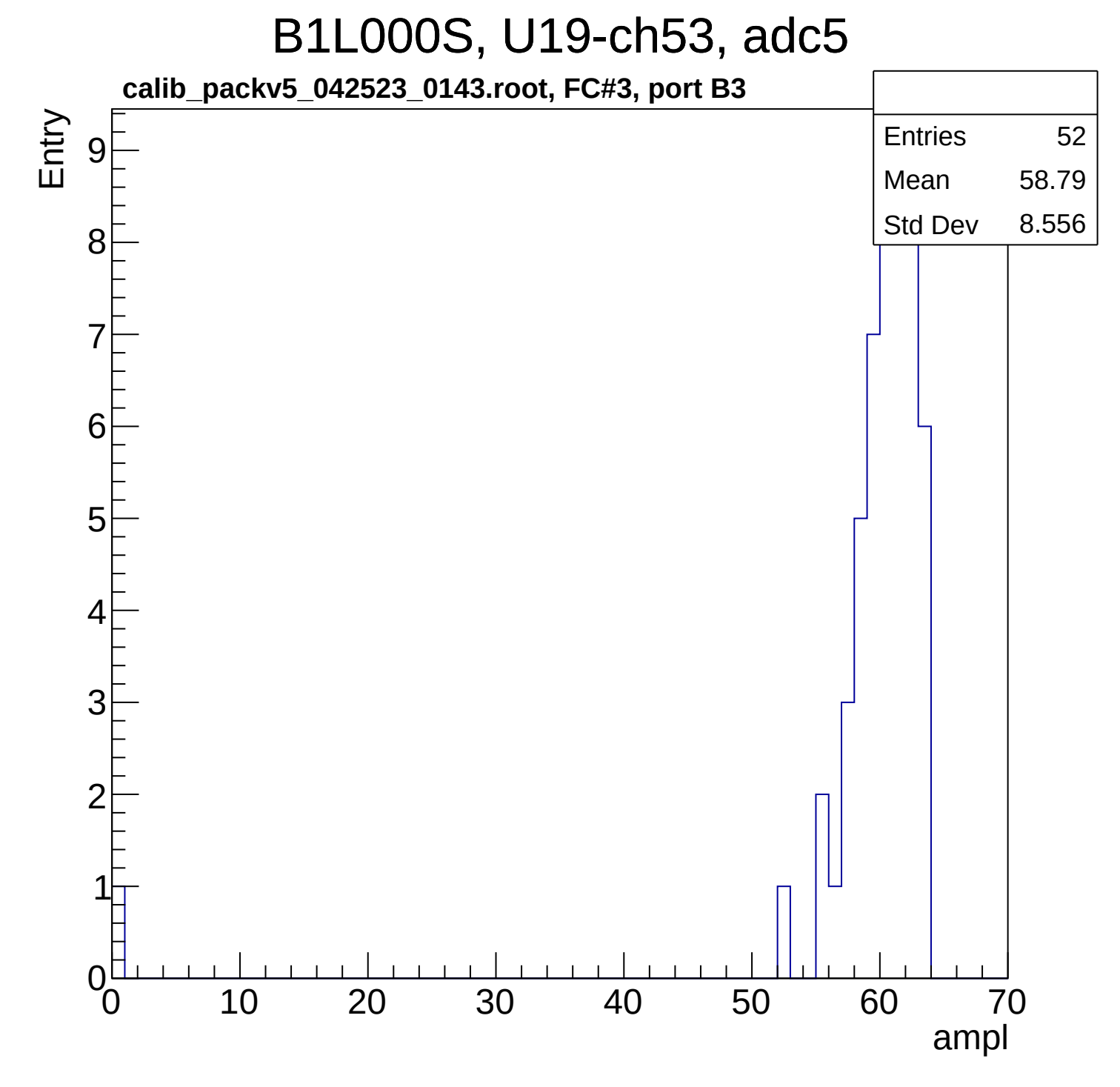
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch53, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 58.79
Std Dev 8.556
Entry
ampl
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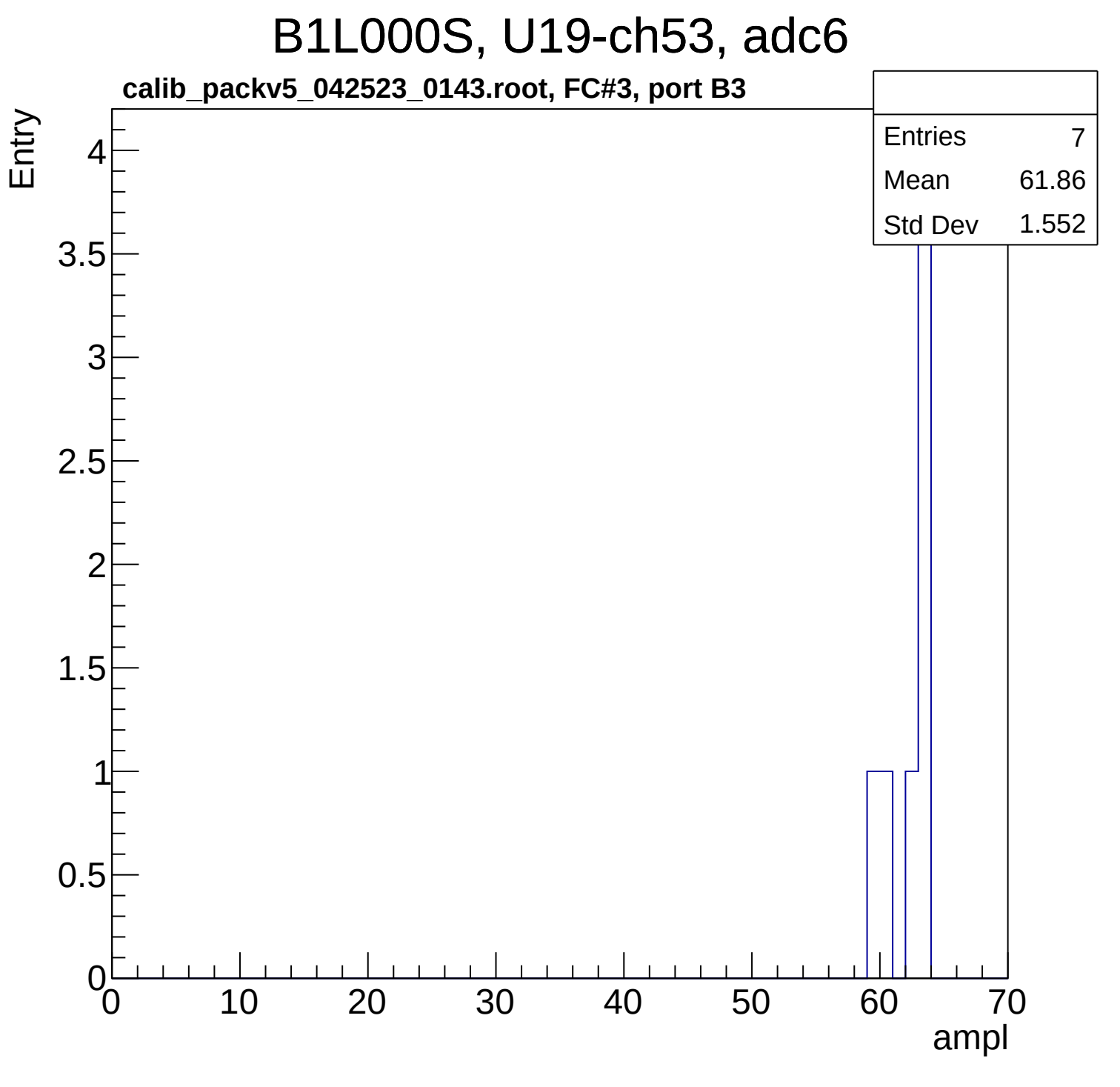
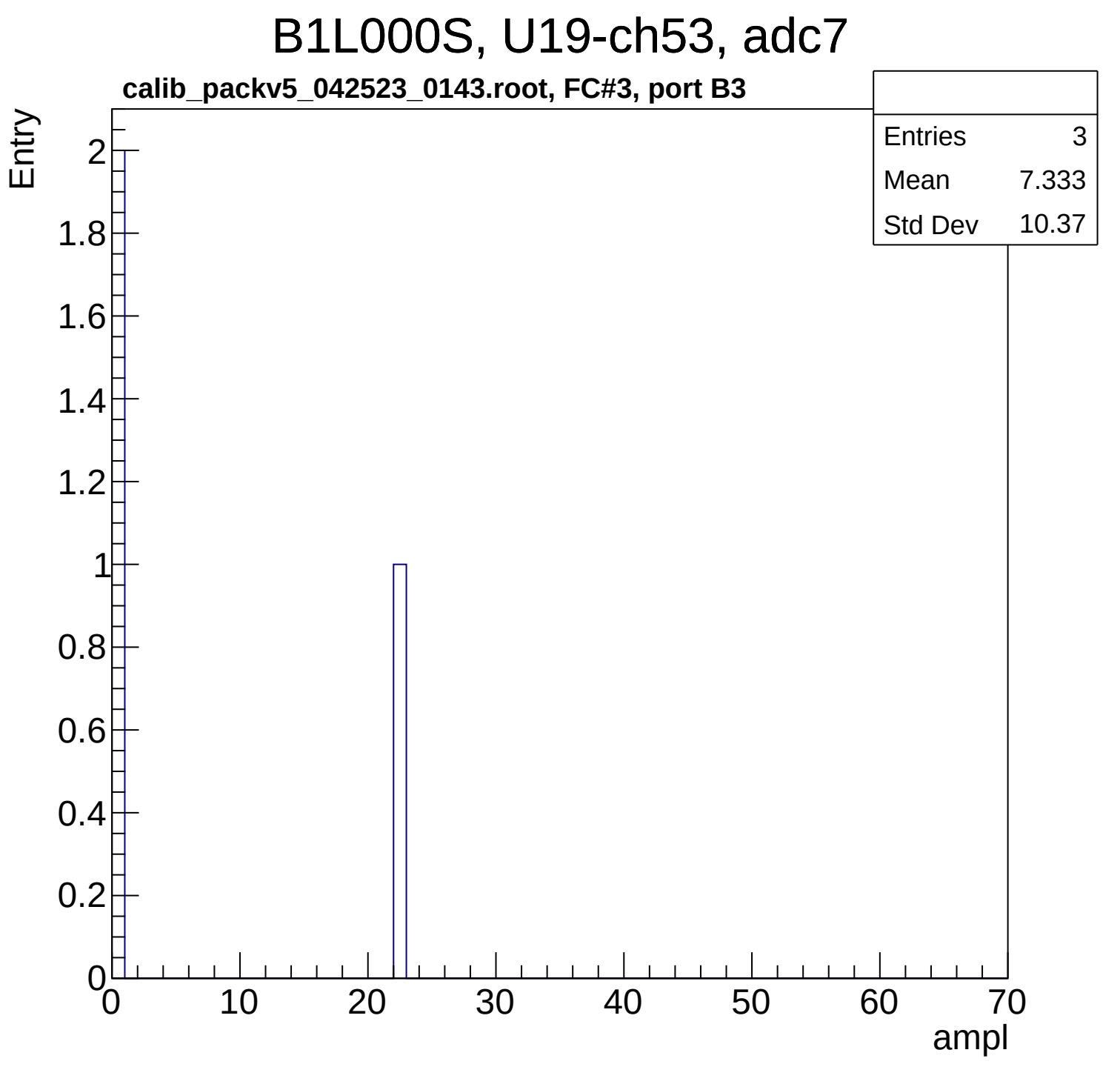
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch53, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 7
Mean 61.86
Std Dev 1.552
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U19-ch53, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 7.333
Std Dev 10.37
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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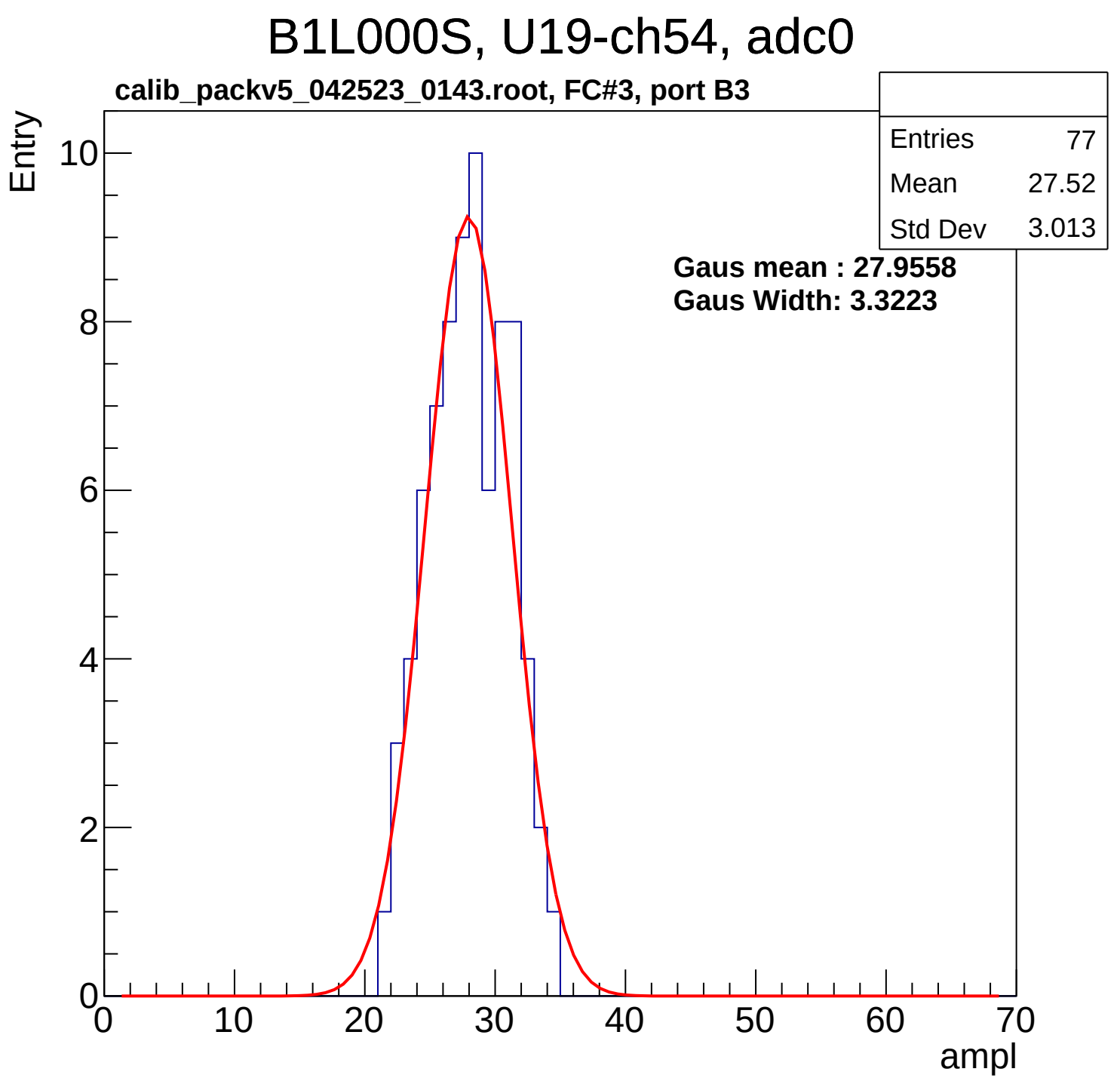
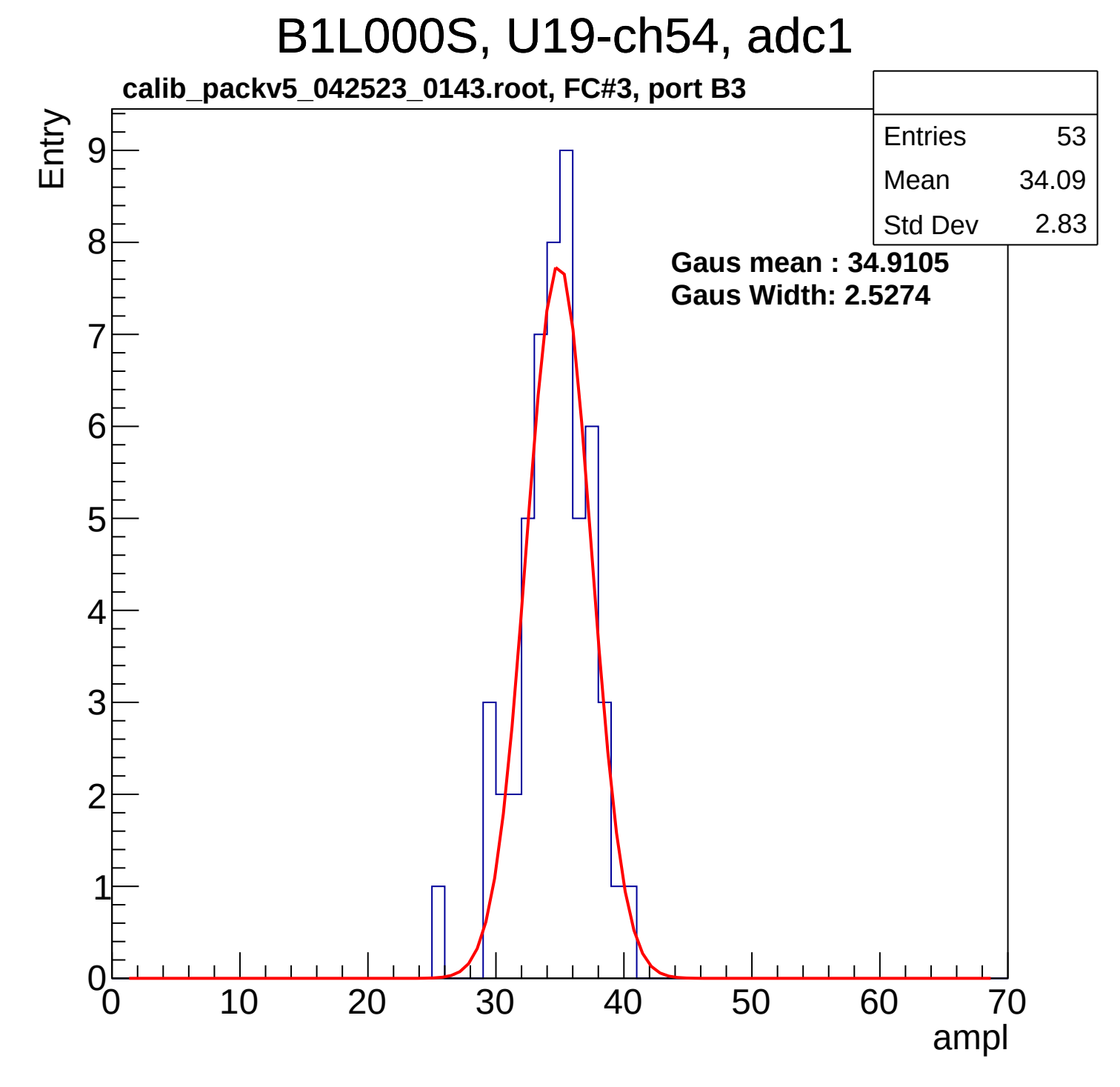
40
50
60
70


B1L000S, U19-ch54, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 27.52
Std Dev 3.013
Gaus mean : 27.9558
Gaus Width: 3.3223
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch54, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 34.09
Std Dev 2.83
Gaus mean : 34.9105
Gaus Width: 2.5274
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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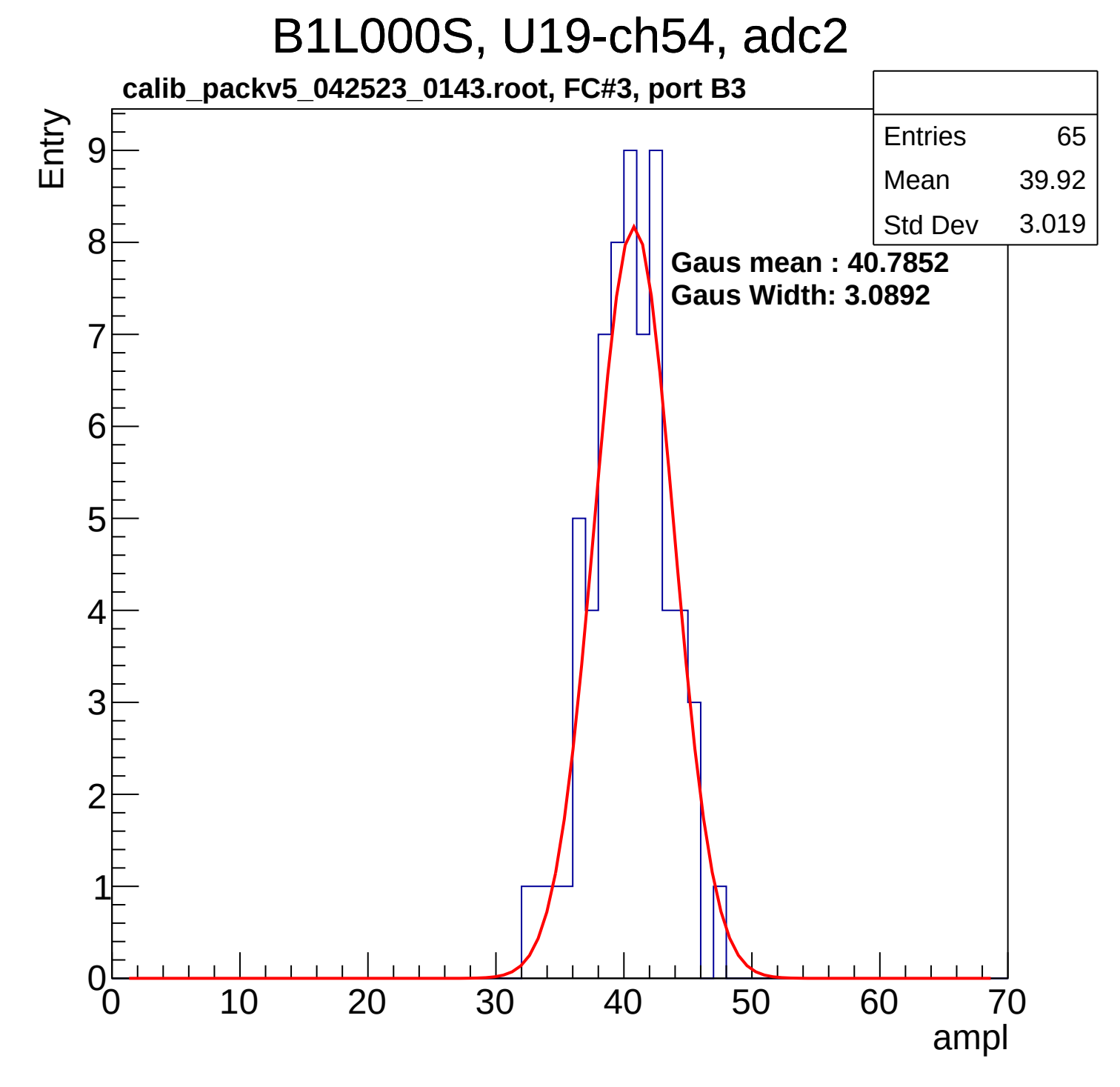
B1L000S, U19-ch54, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 39.92
Std Dev 3.019
Gaus mean : 40.7852
Gaus Width: 3.0892
Entry
ampl
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2
3
4
5
6
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8
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0
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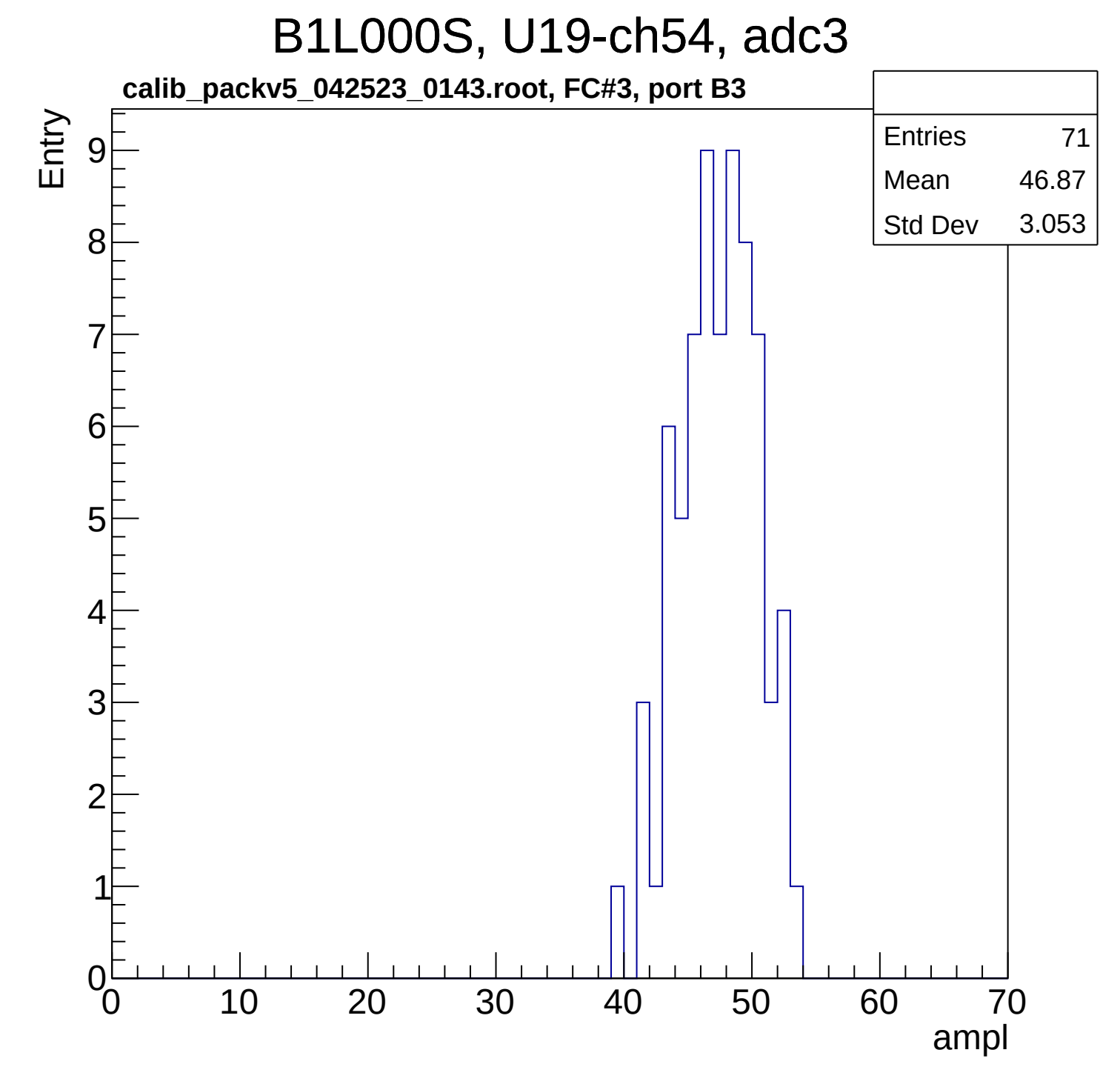
B1L000S, U19-ch54, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 46.87
Std Dev 3.053
Entry
ampl
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6
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8
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0
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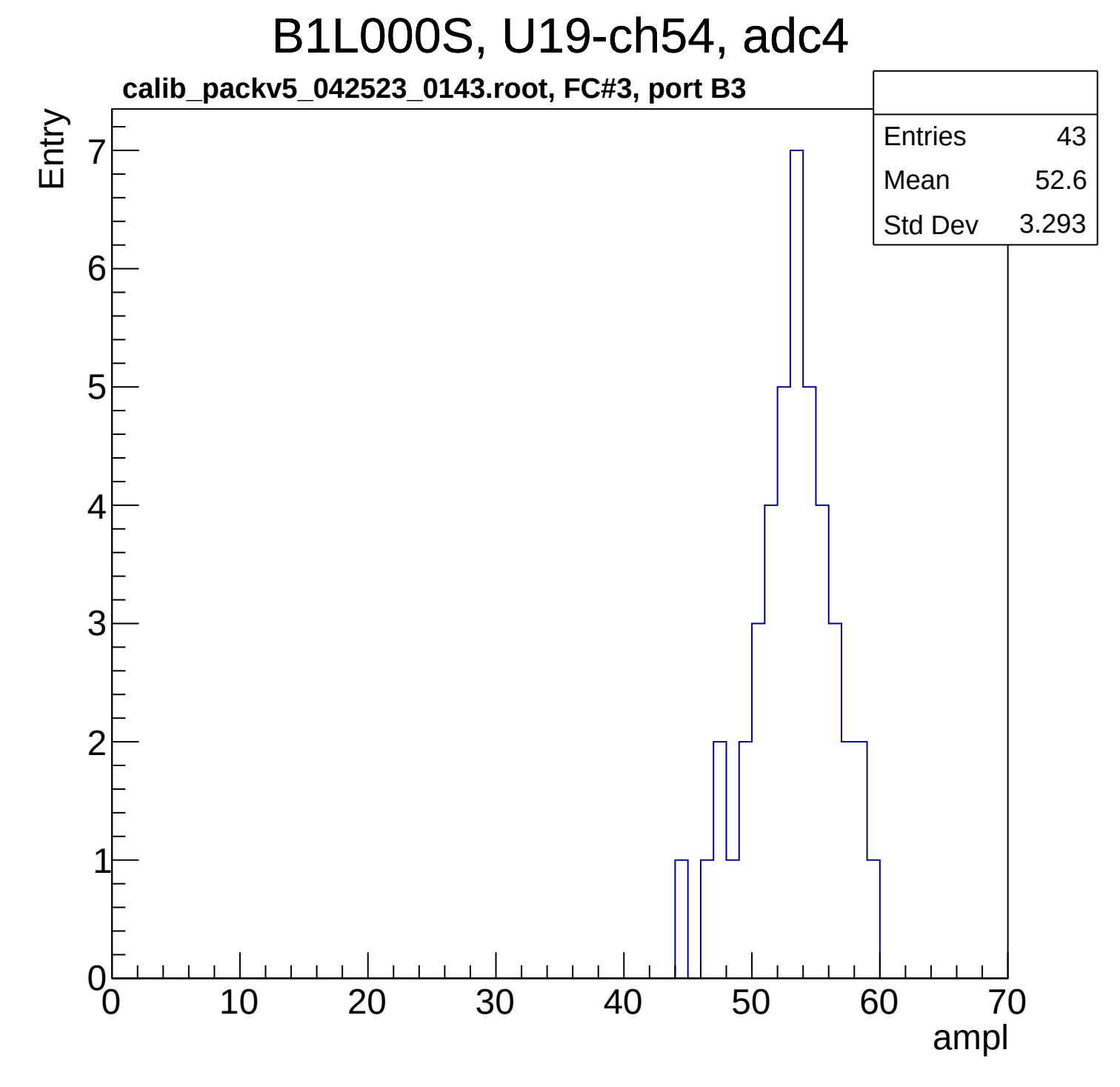
B1L000S, U19-ch54, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 52.6
Std Dev 3.293
Entry
ampl
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1
2
3
4
5
6
7
0
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20
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40
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60
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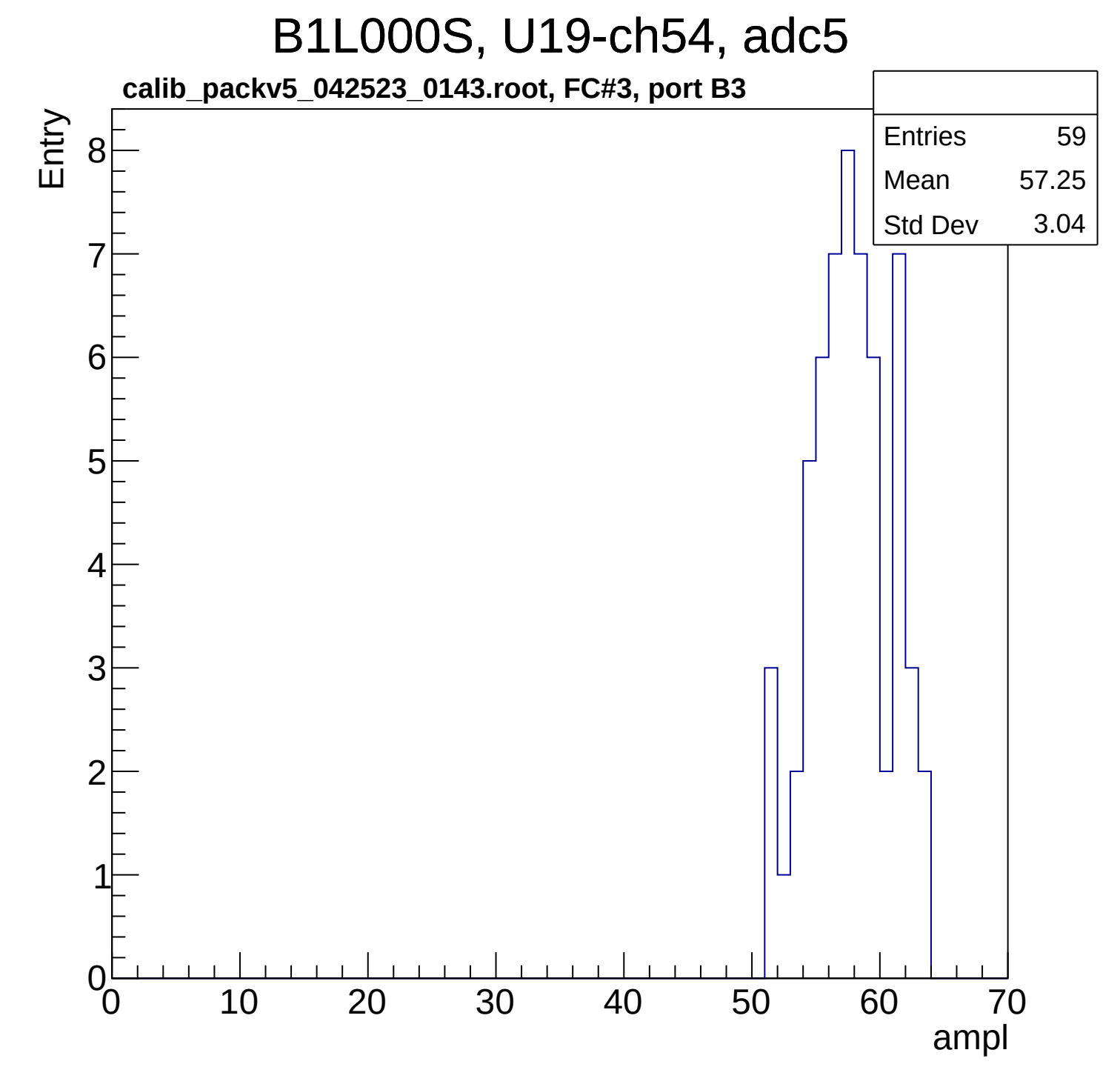
B1L000S, U19-ch54, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 57.25
Std Dev 3.04
Entry
ampl
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1
2
3
4
5
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7
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0
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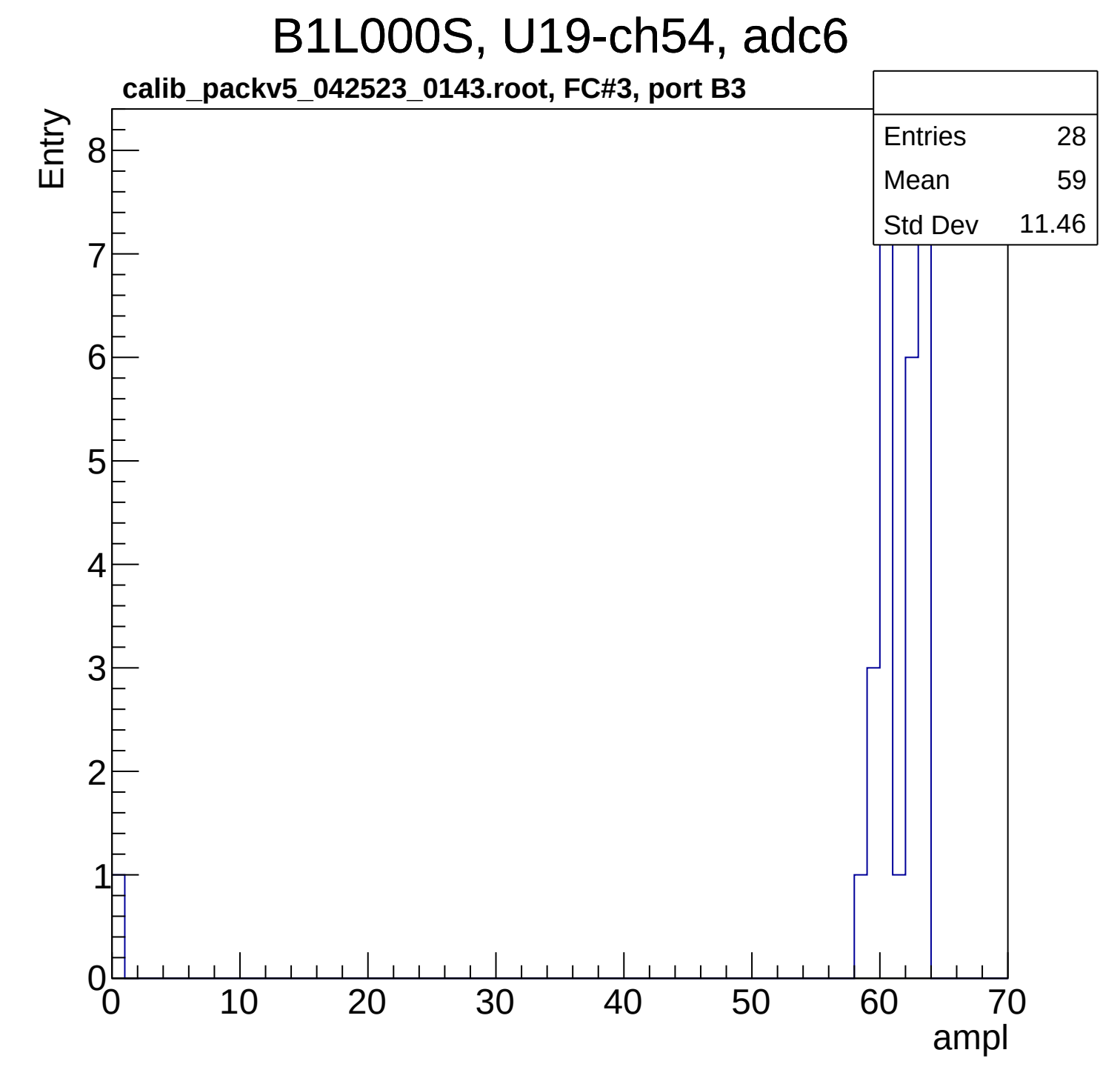
B1L000S, U19-ch54, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 28
Mean 59
Std Dev 11.46
Entry
ampl
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5
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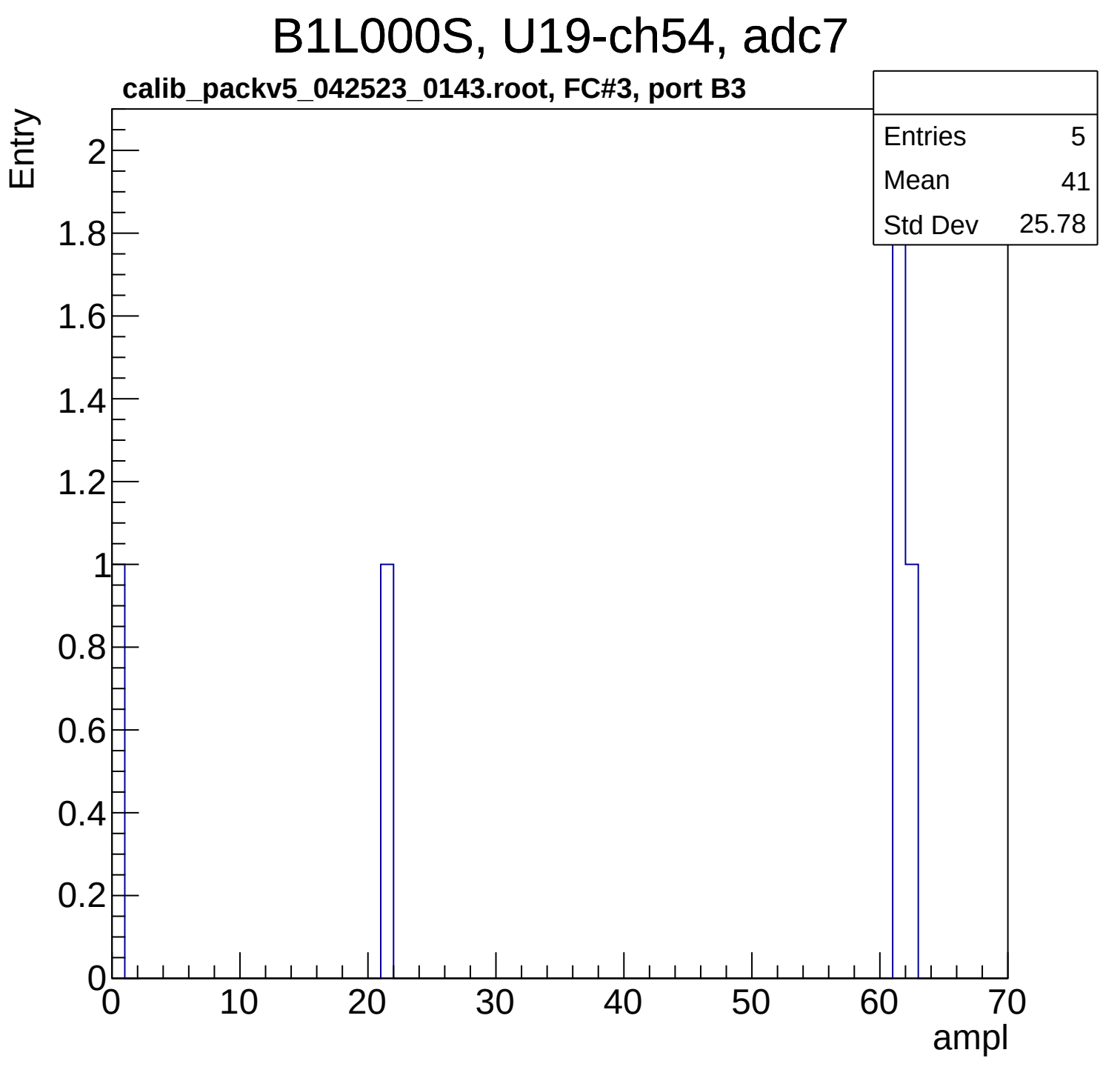
B1L000S, U19-ch54, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 41
Std Dev 25.78
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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60
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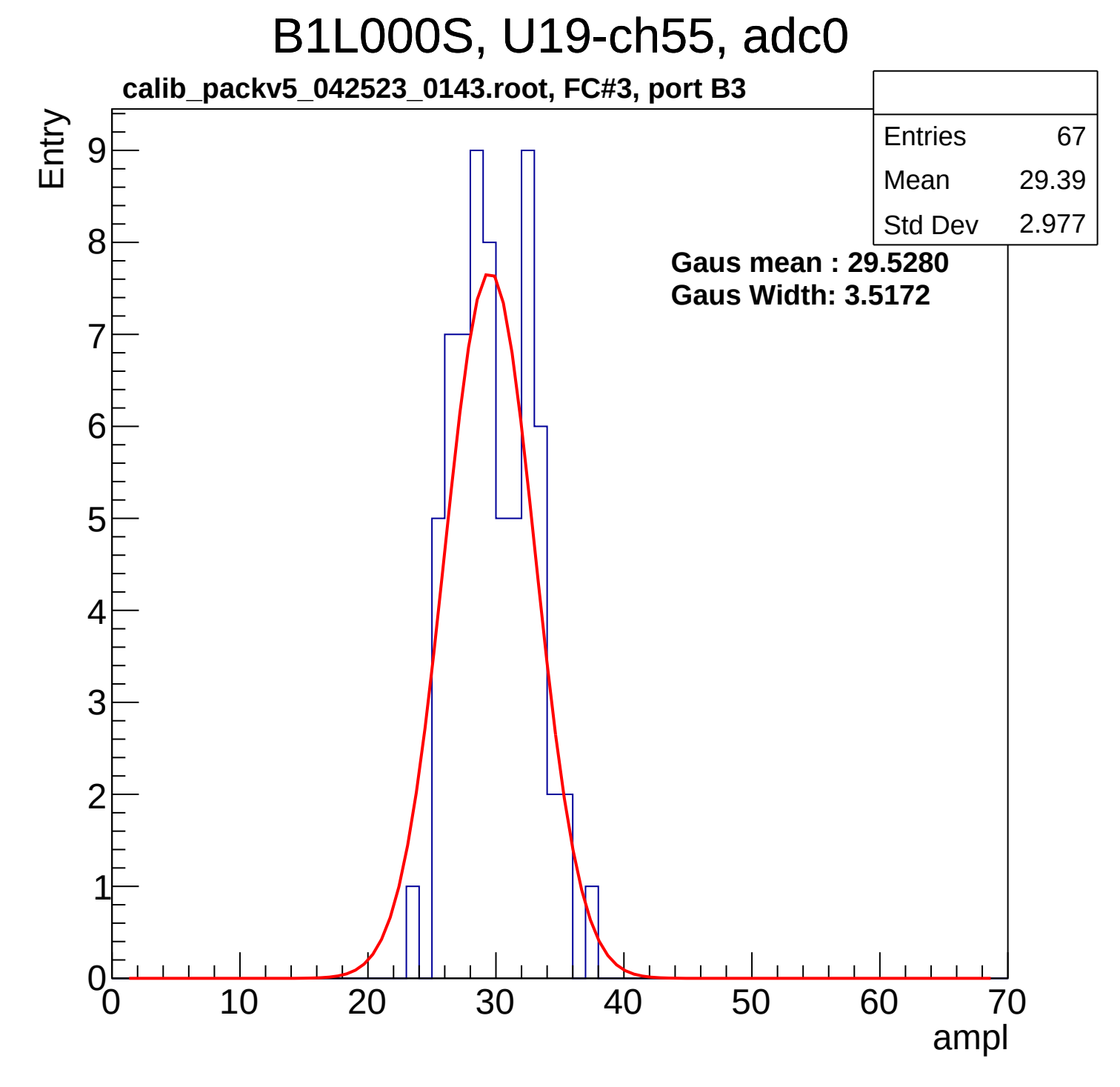
B1L000S, U19-ch55, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 29.39
Std Dev 2.977
Gaus mean : 29.5280
Gaus Width: 3.5172
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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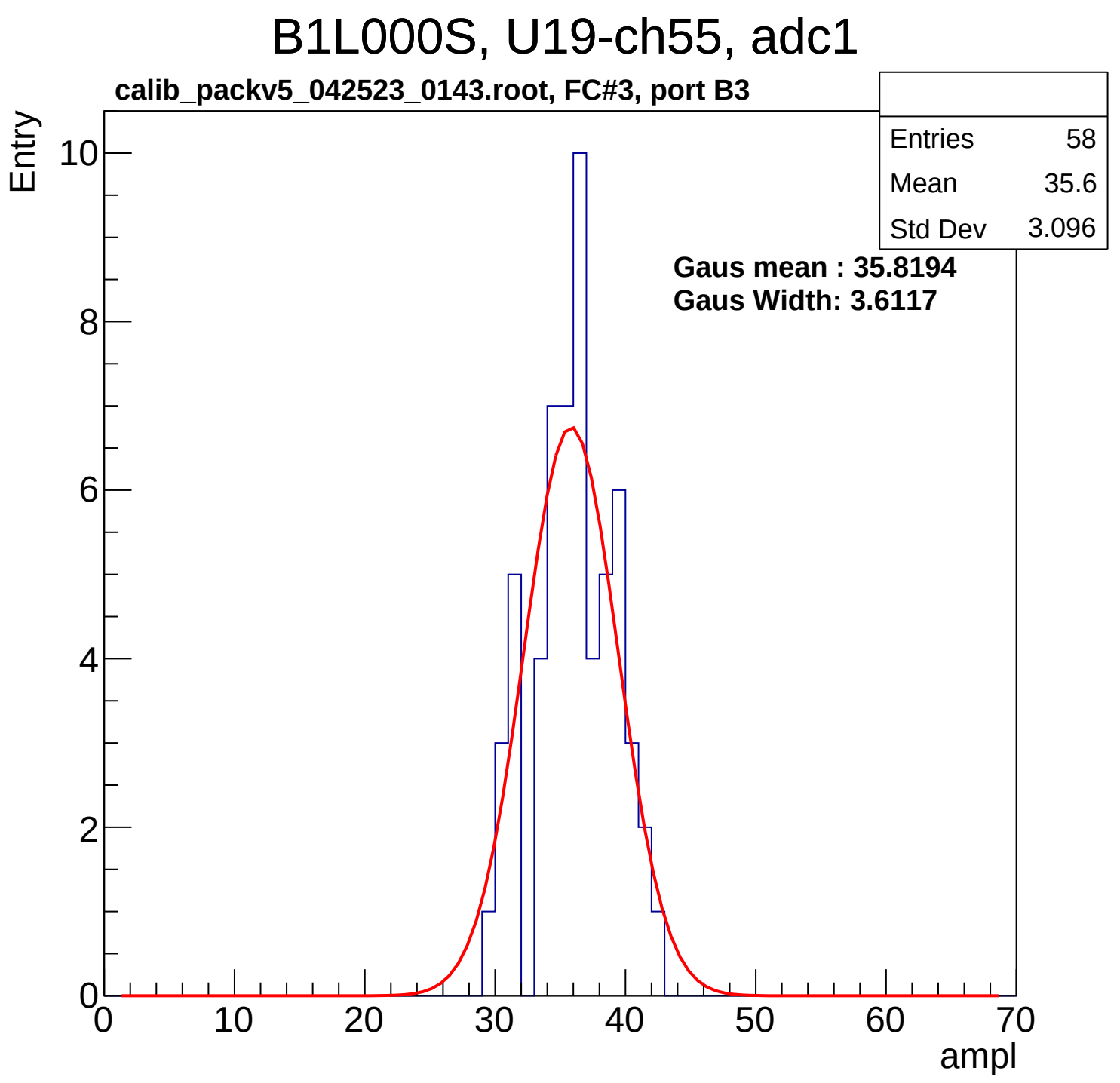
B1L000S, U19-ch55, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 35.6
Std Dev 3.096
Gaus mean : 35.8194
Gaus Width: 3.6117
Entry
ampl
0
2
4
6
8
10
0
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40
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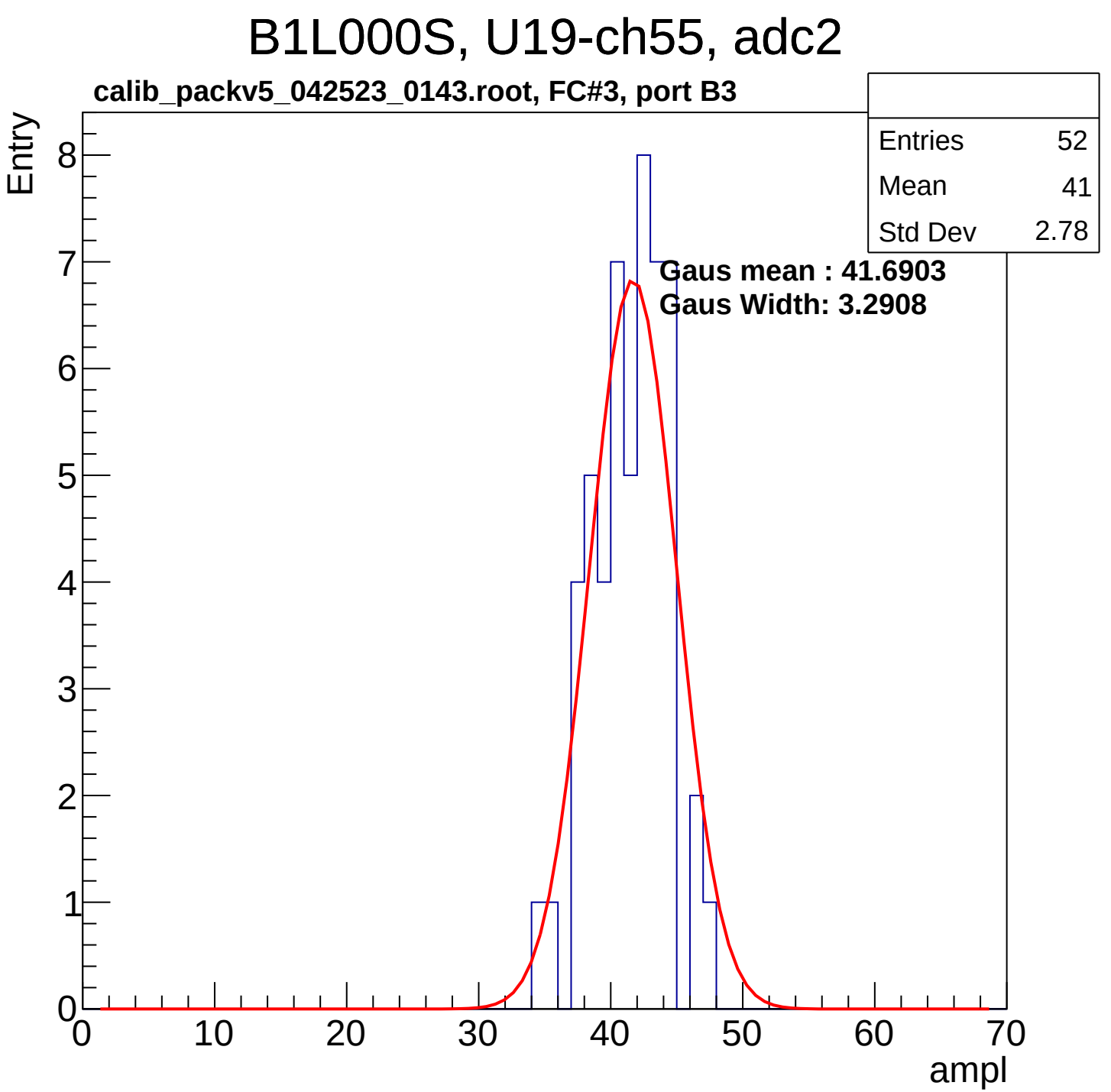
B1L000S, U19-ch55, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 41
Std Dev 2.78
Gaus mean : 41.6903
Gaus Width: 3.2908
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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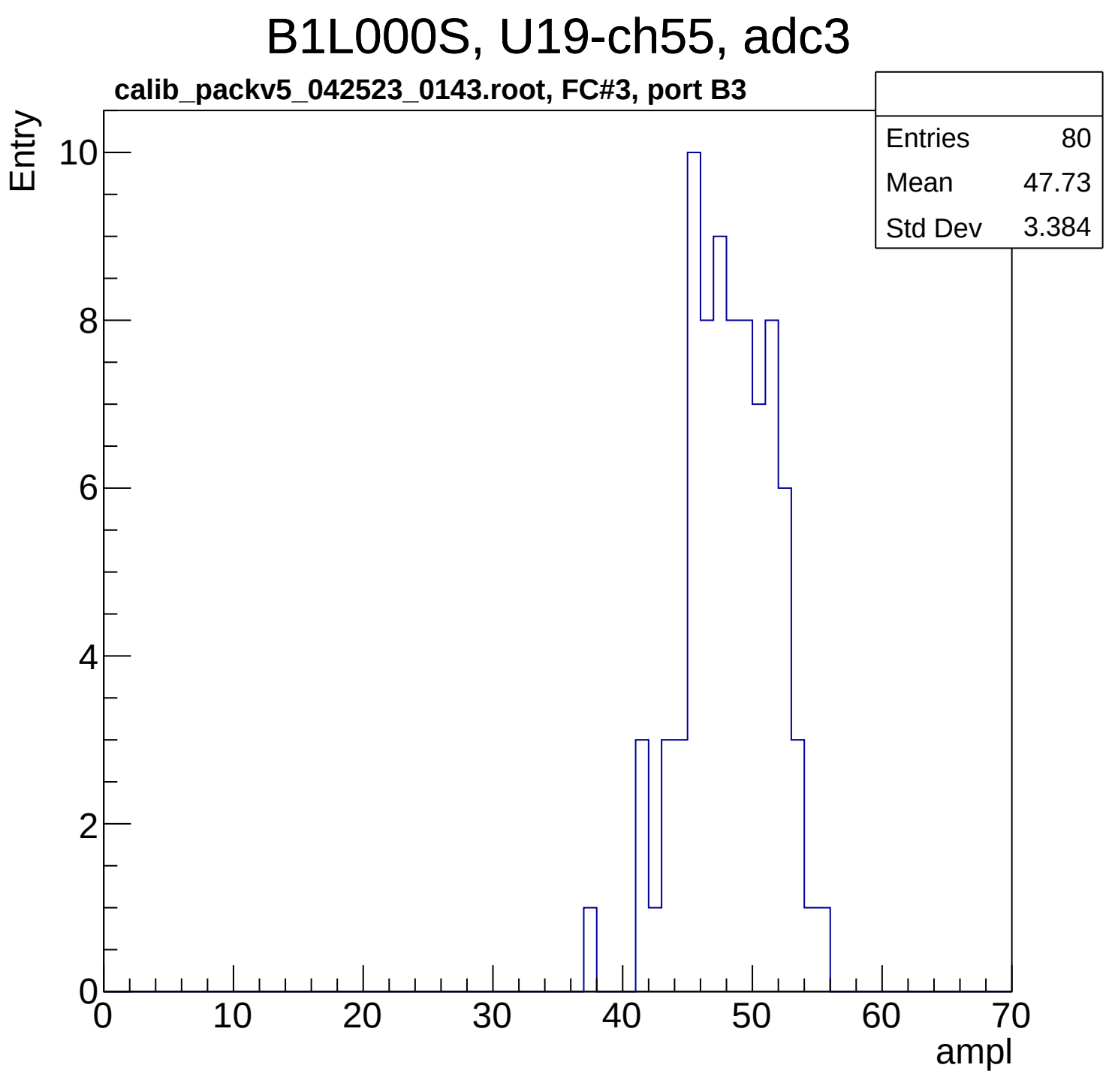
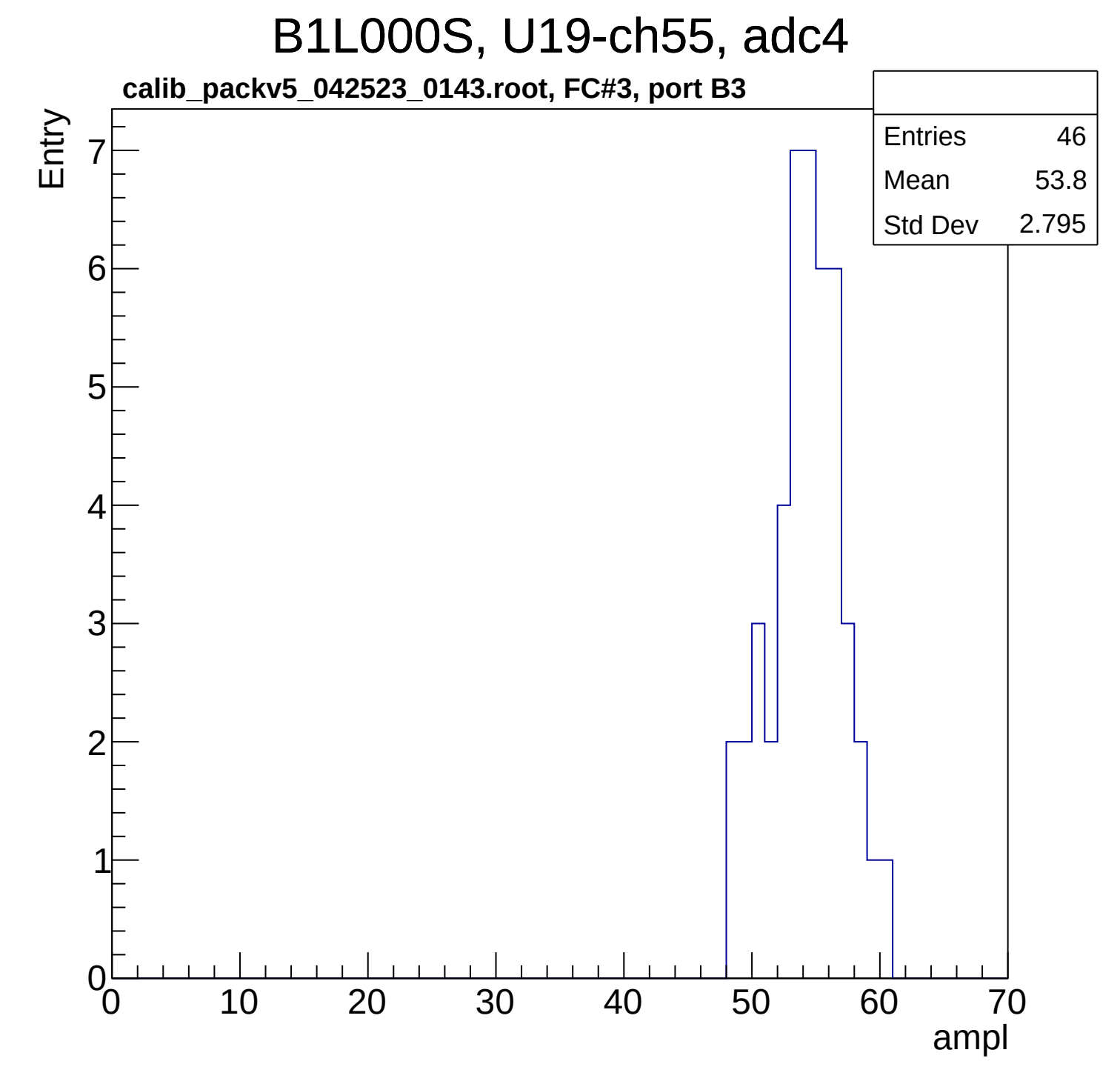
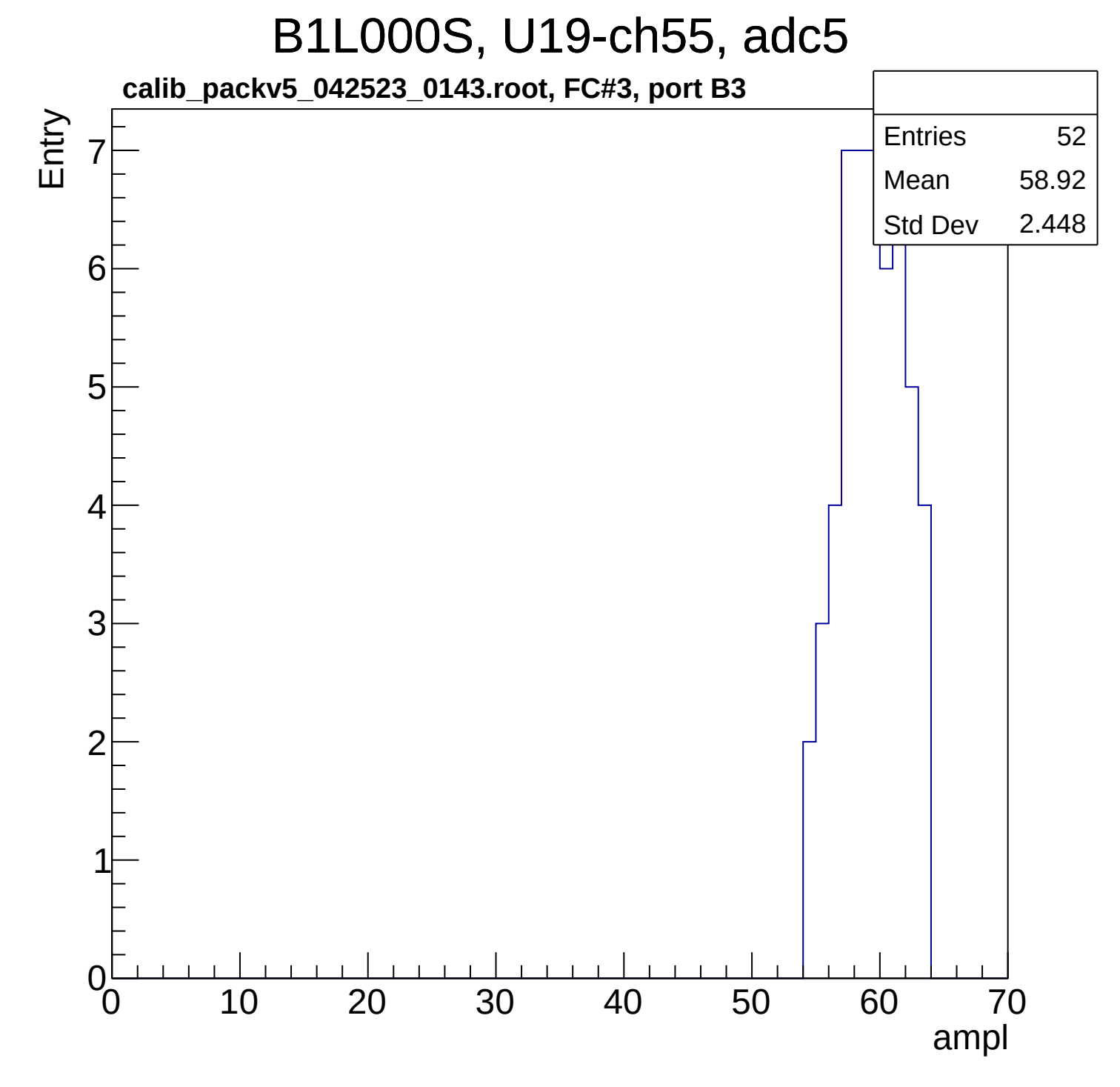
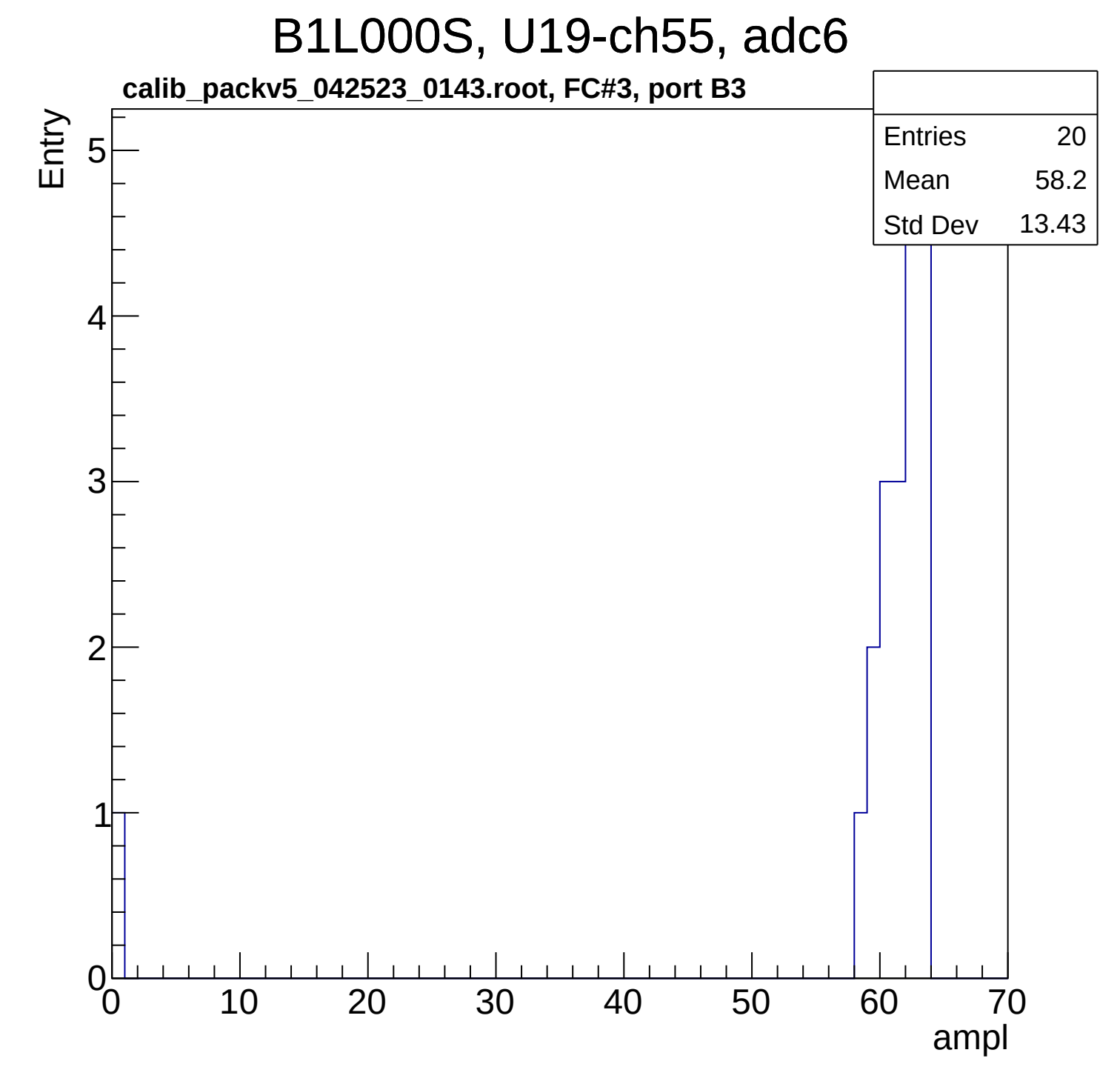
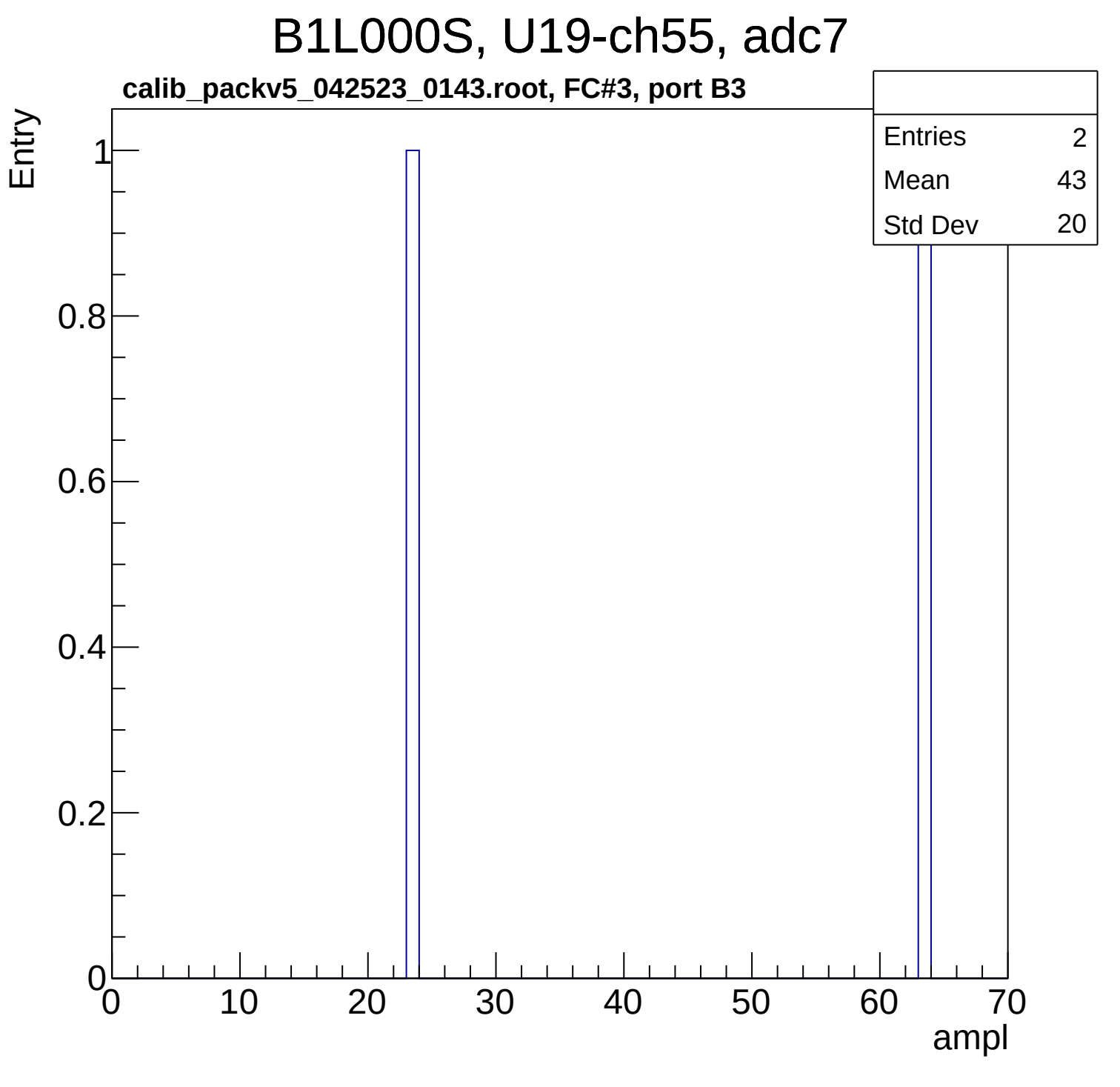

B1L000S, U19-ch55, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 80
Mean 47.73
Std Dev 3.384
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch55, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 53.8
Std Dev 2.795
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U19-ch55, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 58.92
Std Dev 2.448
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U19-ch55, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 20
Mean 58.2
Std Dev 13.43
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch55, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 43
Std Dev 20
Entry
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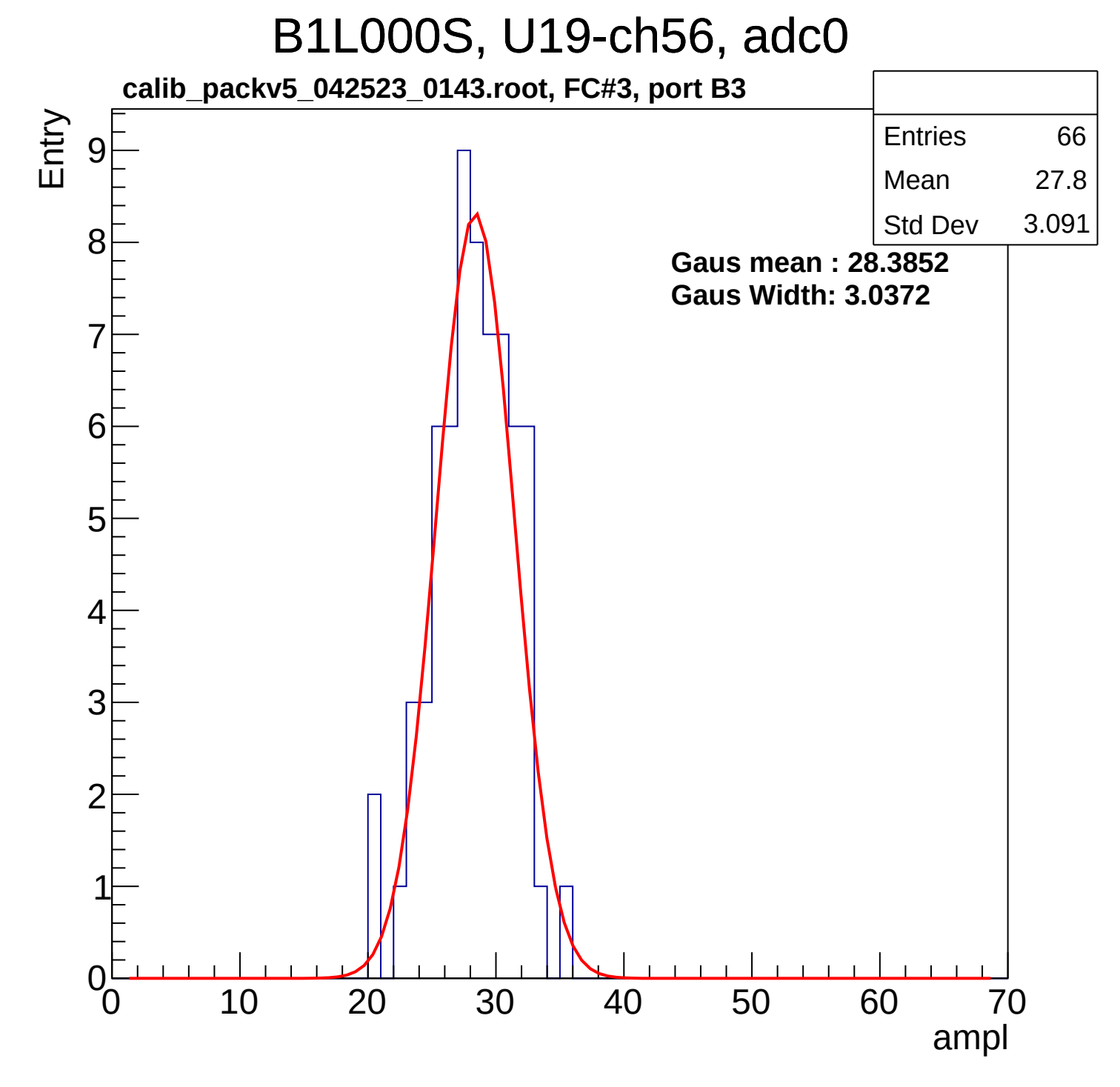
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch56, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 27.8
Std Dev 3.091
Gaus mean : 28.3852
Gaus Width: 3.0372
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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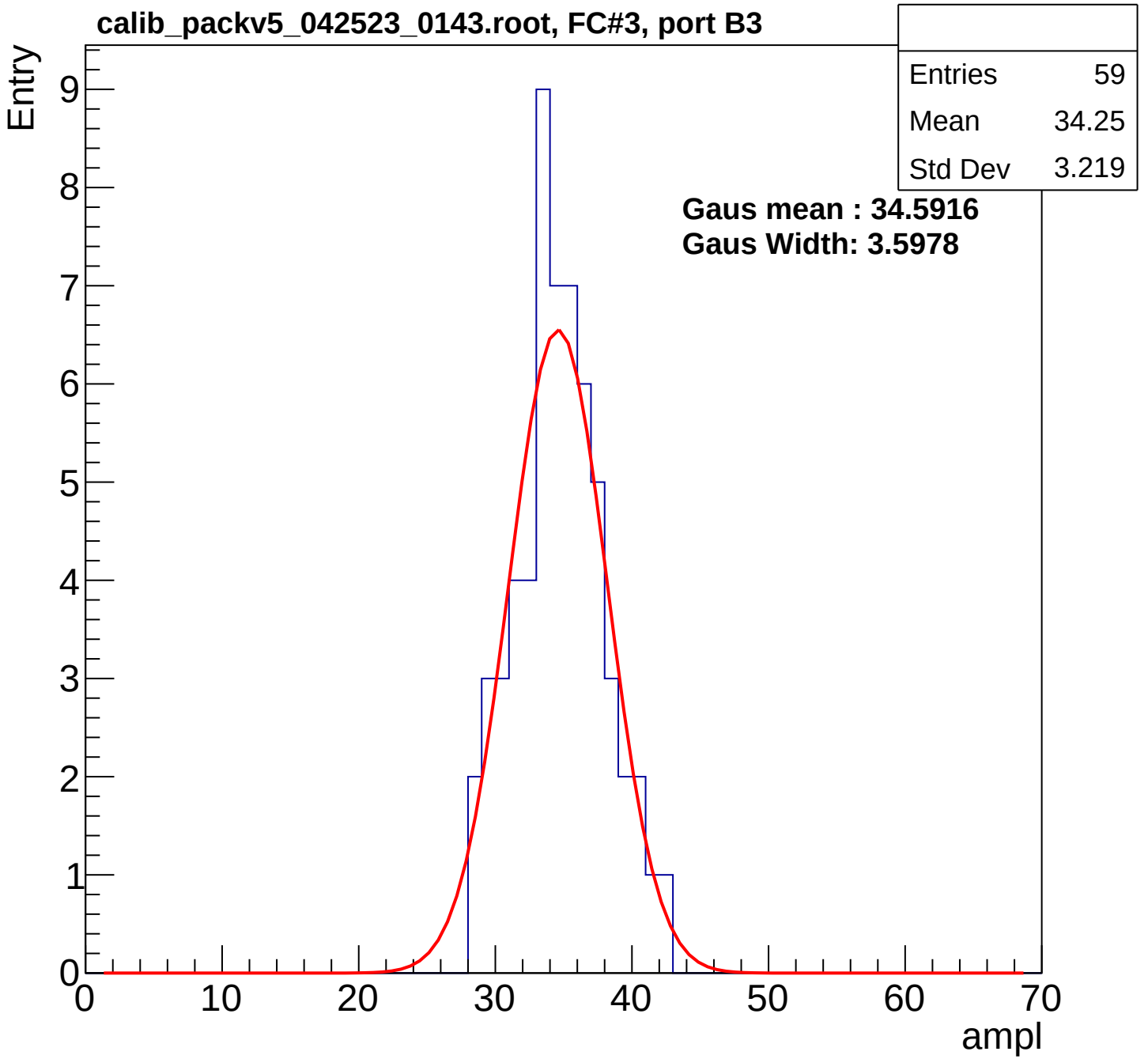
B1L000S, U19-ch56, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 34.25
Std Dev 3.219
Gaus mean : 34.5916
Gaus Width: 3.5978
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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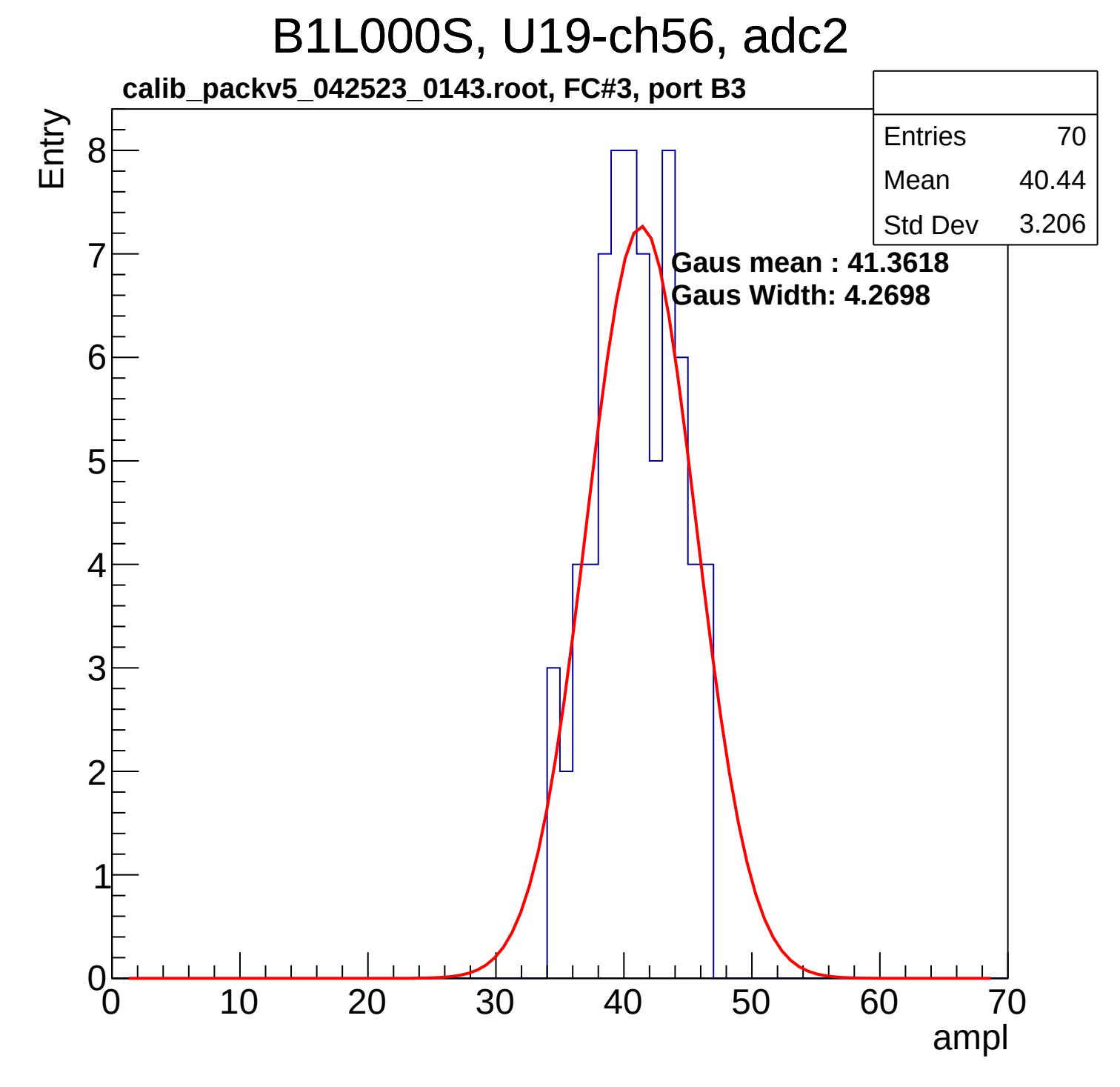
B1L000S, U19-ch56, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 40.44
Std Dev 3.206
Gaus mean : 41.3618
Gaus Width: 4.2698
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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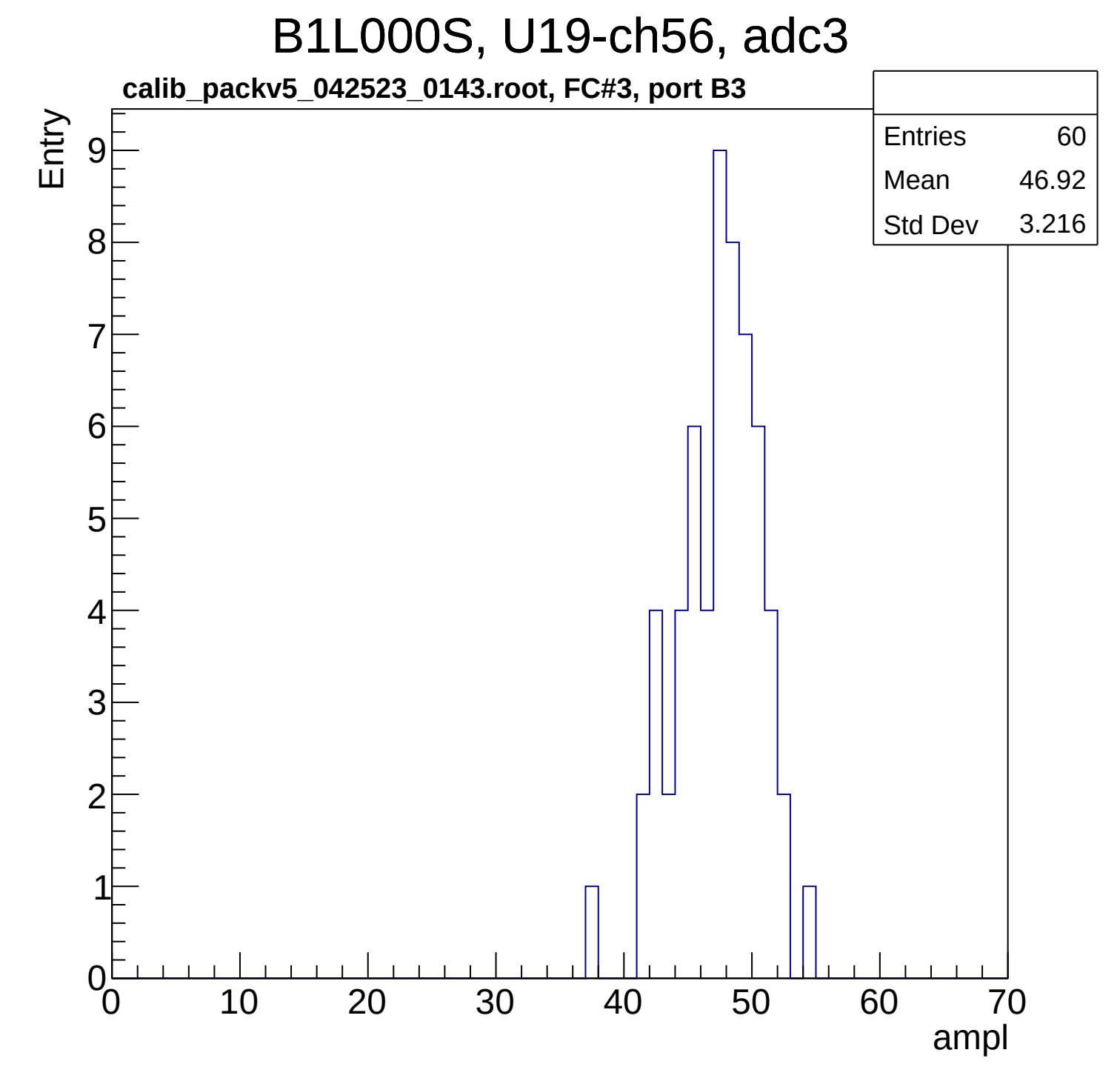
40
50
60
70


B1L000S, U19-ch56, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 46.92
Std Dev 3.216
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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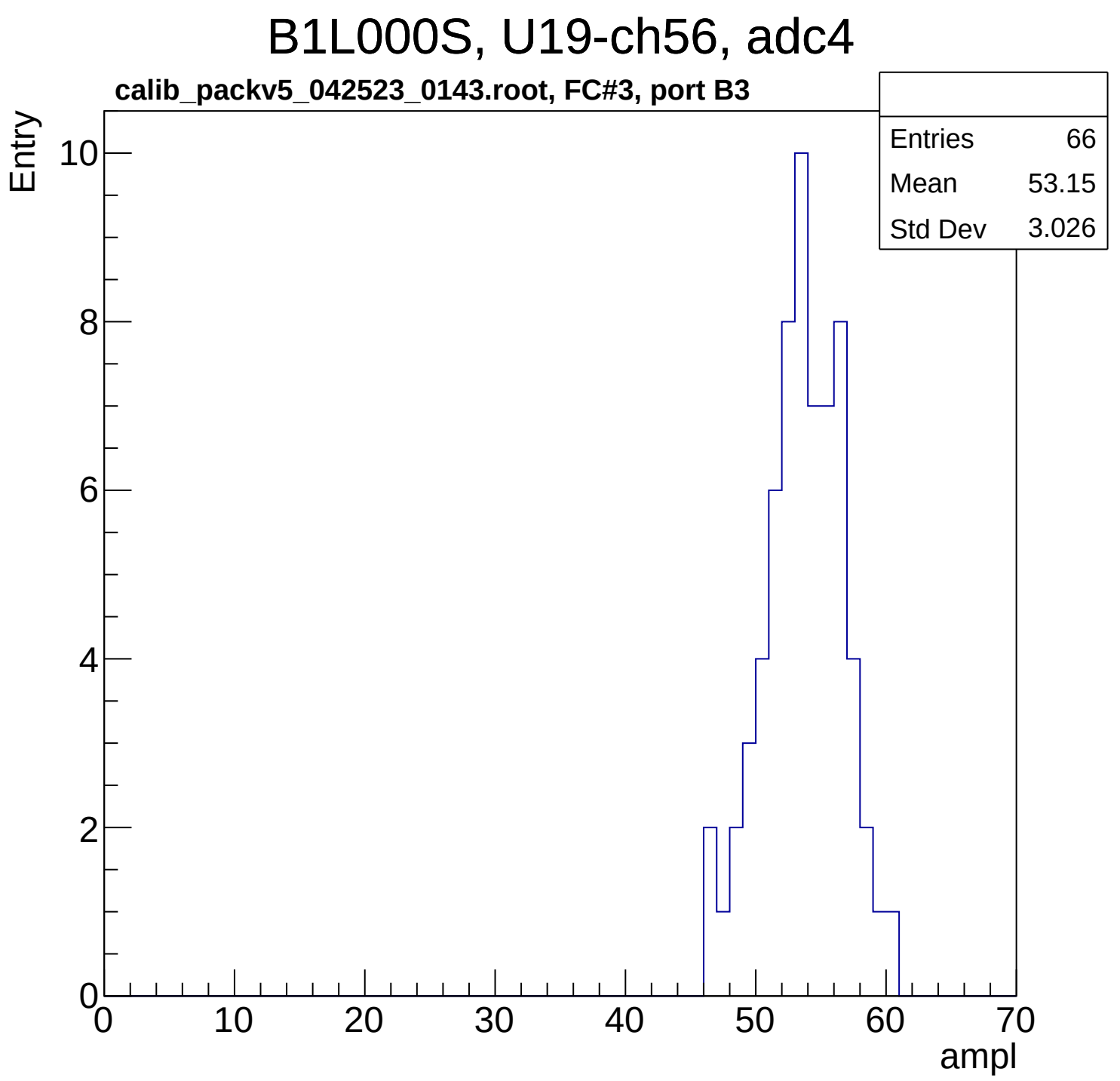
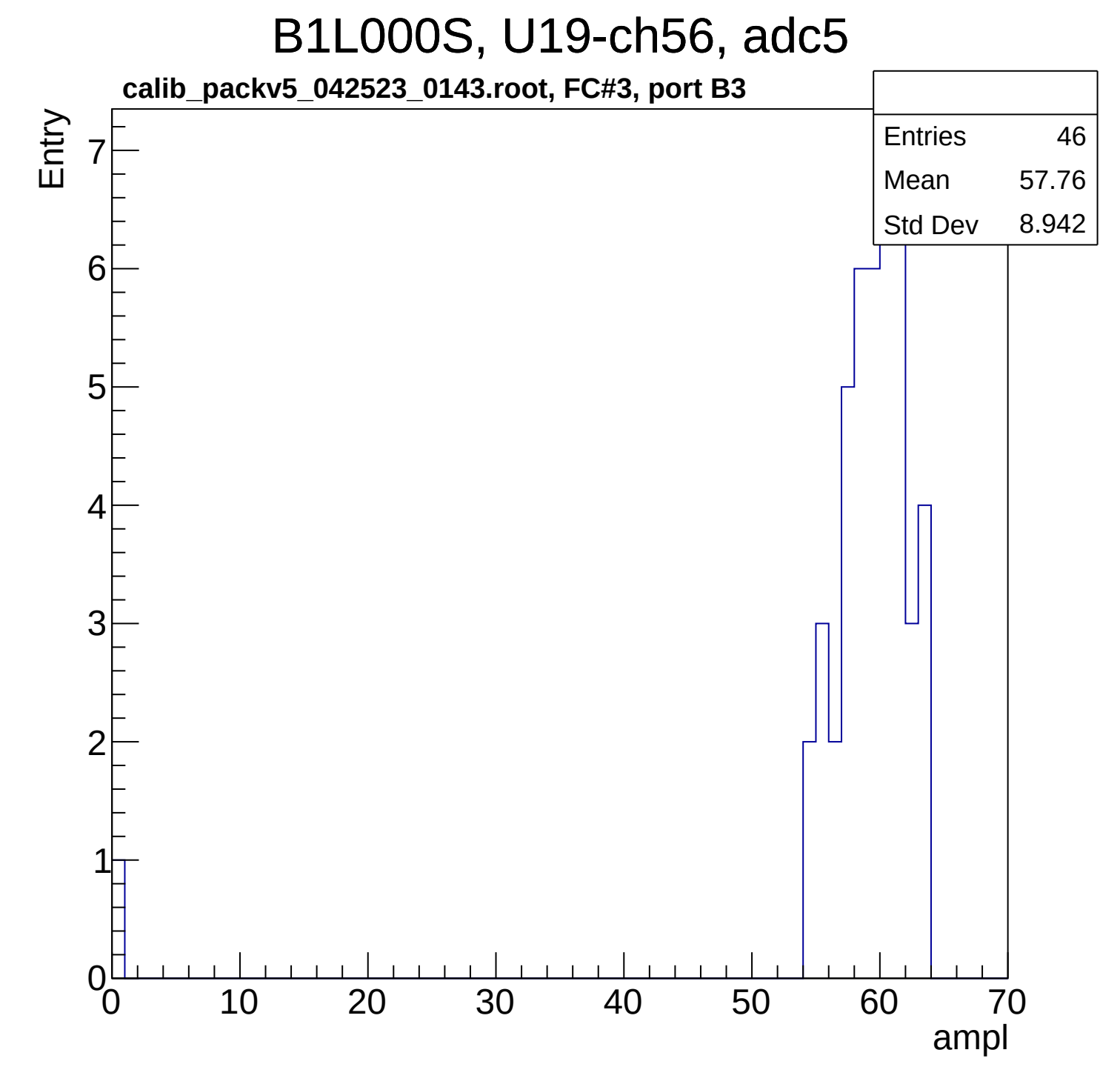

B1L000S, U19-ch56, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 53.15
Std Dev 3.026
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch56, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 57.76
Std Dev 8.942
Entry
ampl
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1
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3
4
5
6
7
0
10
20
30
40
50
60
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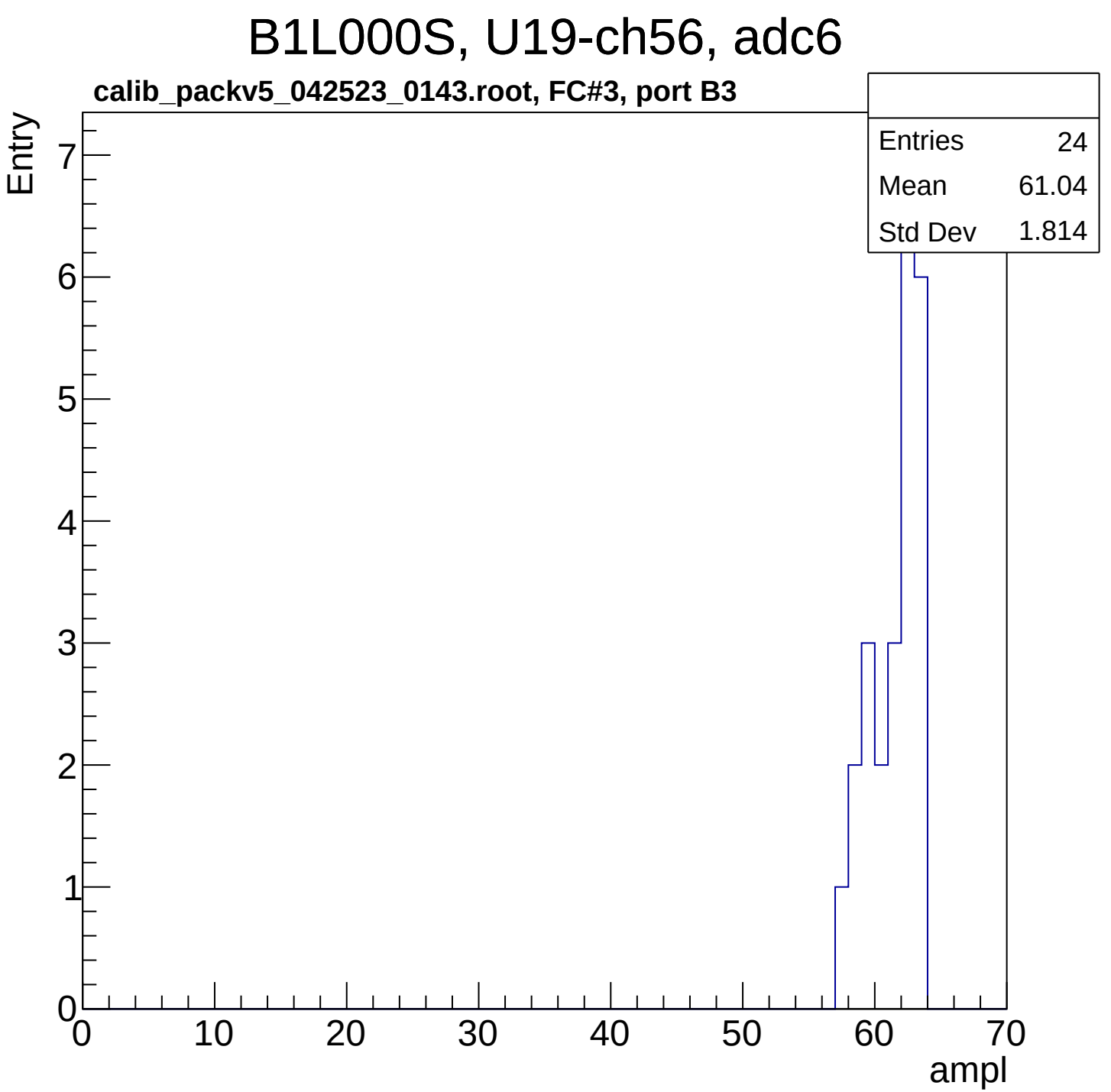
B1L000S, U19-ch56, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 24
Mean 61.04
Std Dev 1.814
Entry
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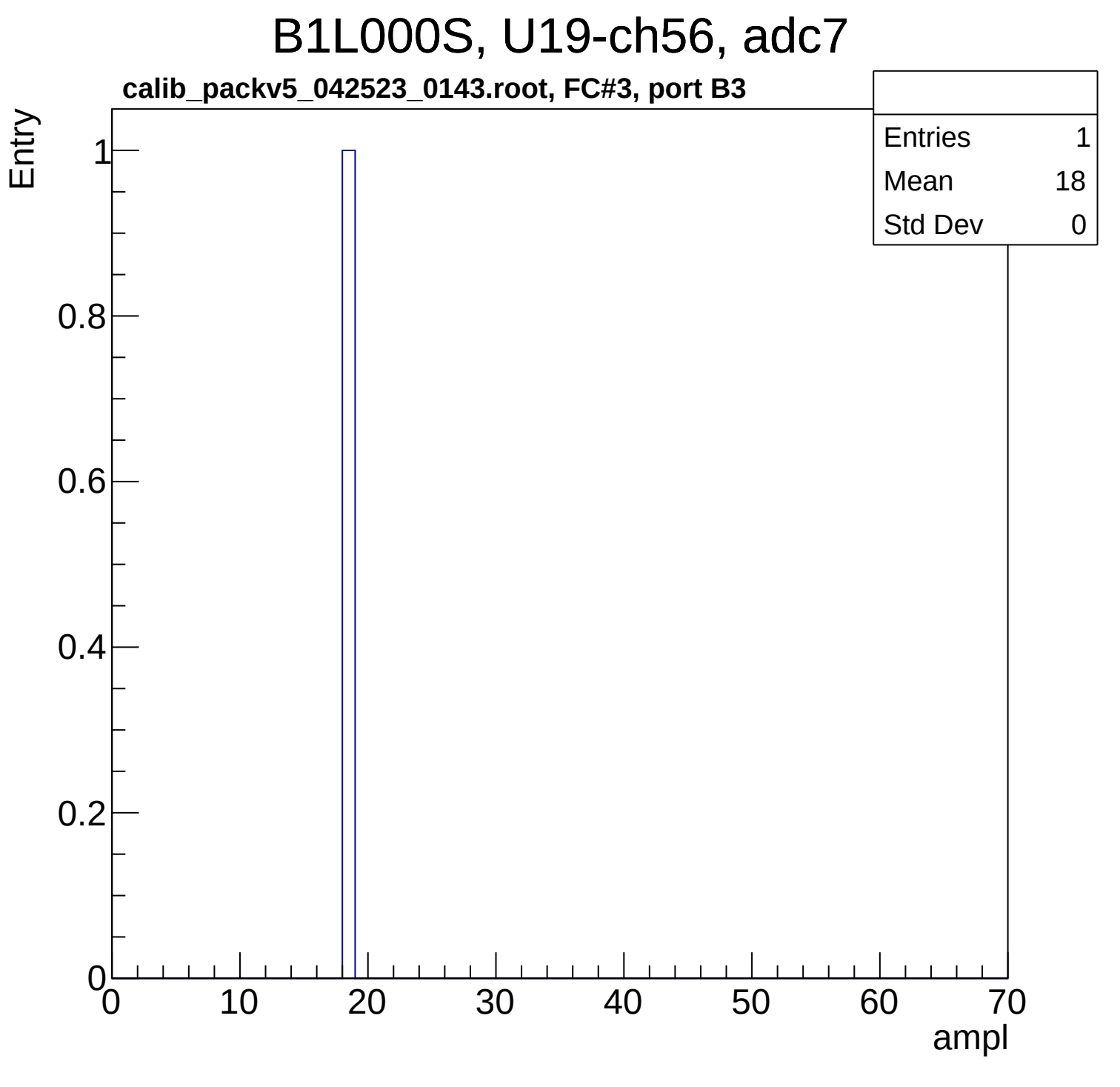
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch56, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 18
Std Dev 0
Entry
ampl
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0.2
0.4
0.6
0.8
1
0
10
20
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40
50
60
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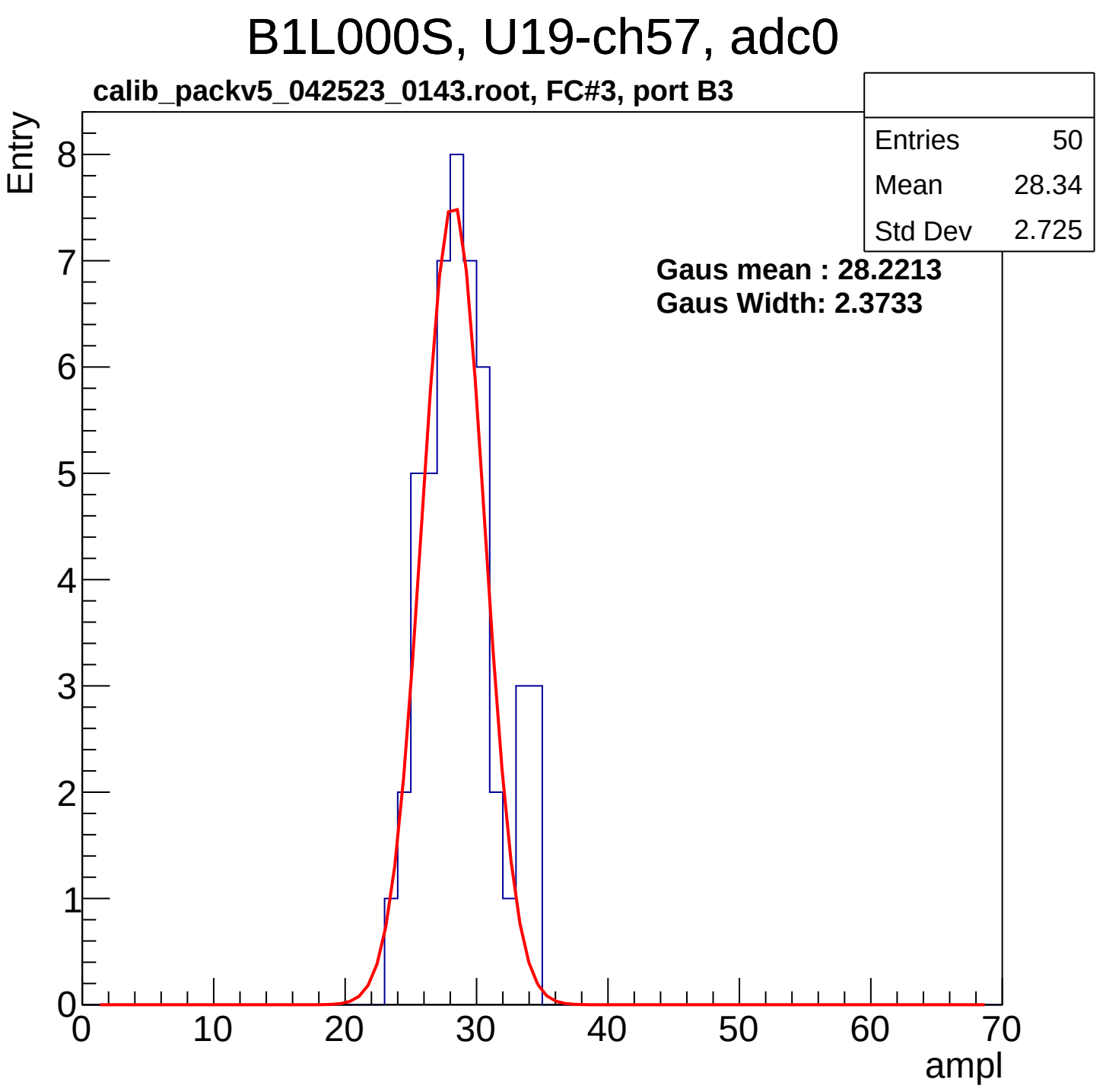
B1L000S, U19-ch57, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 28.34
Std Dev 2.725
Gaus mean : 28.2213
Gaus Width: 2.3733
Entry
ampl
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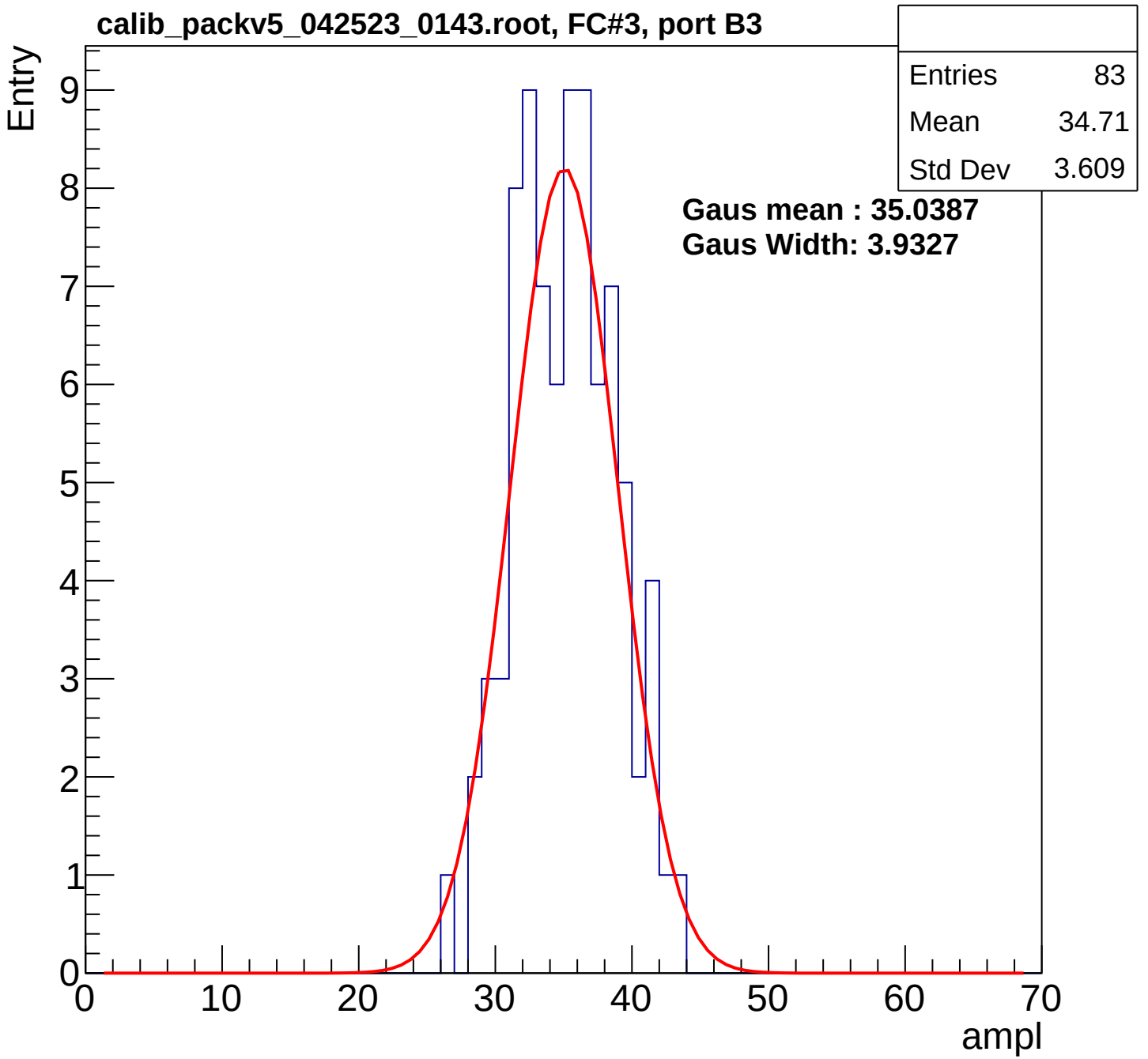
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch57, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 83
Mean 34.71
Std Dev 3.609
Gaus mean : 35.0387
Gaus Width: 3.9327
Entry
ampl
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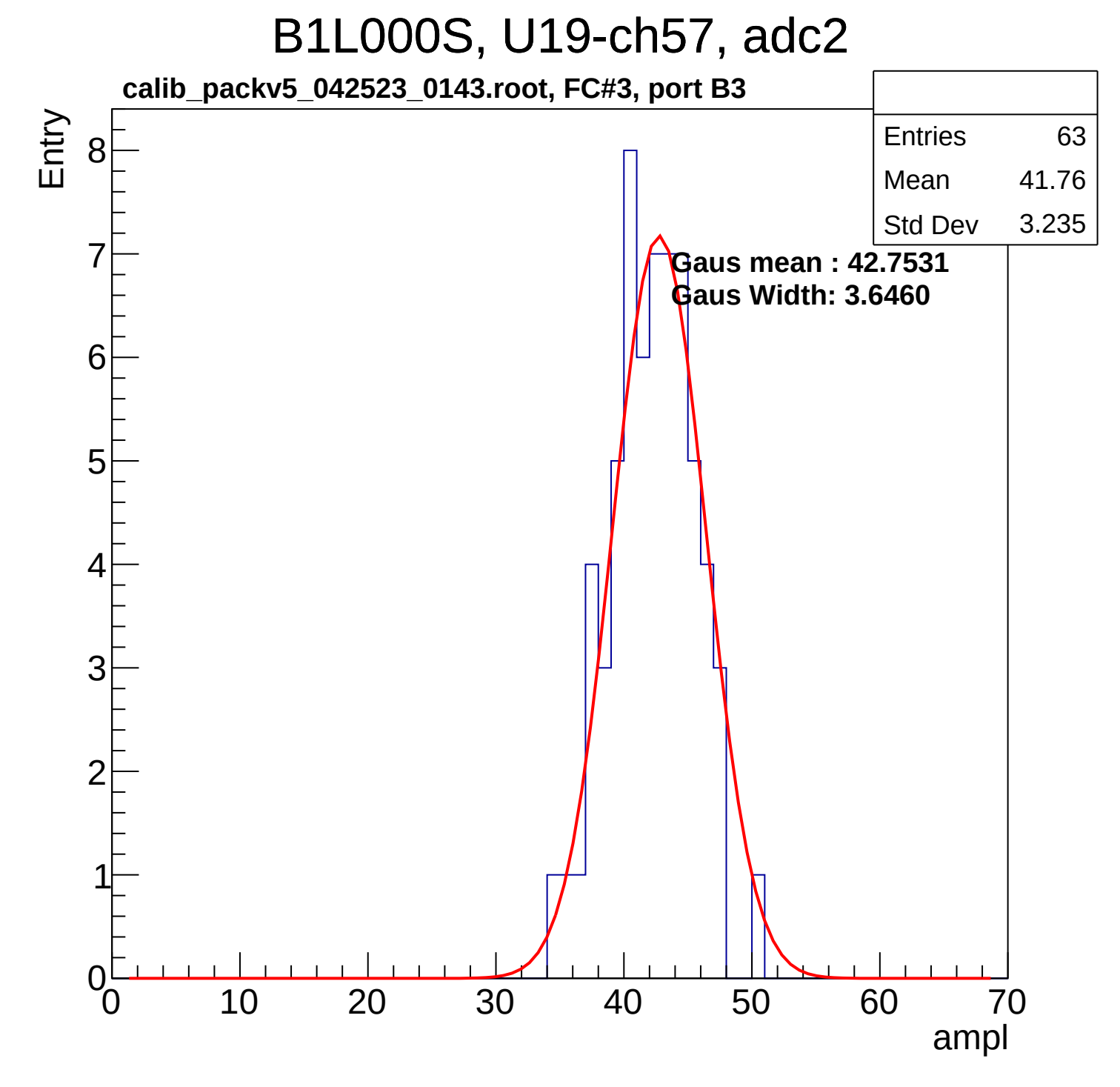
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U19-ch57, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 41.76
Std Dev 3.235
Gaus mean : 42.7531
Gaus Width: 3.6460
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
50
60
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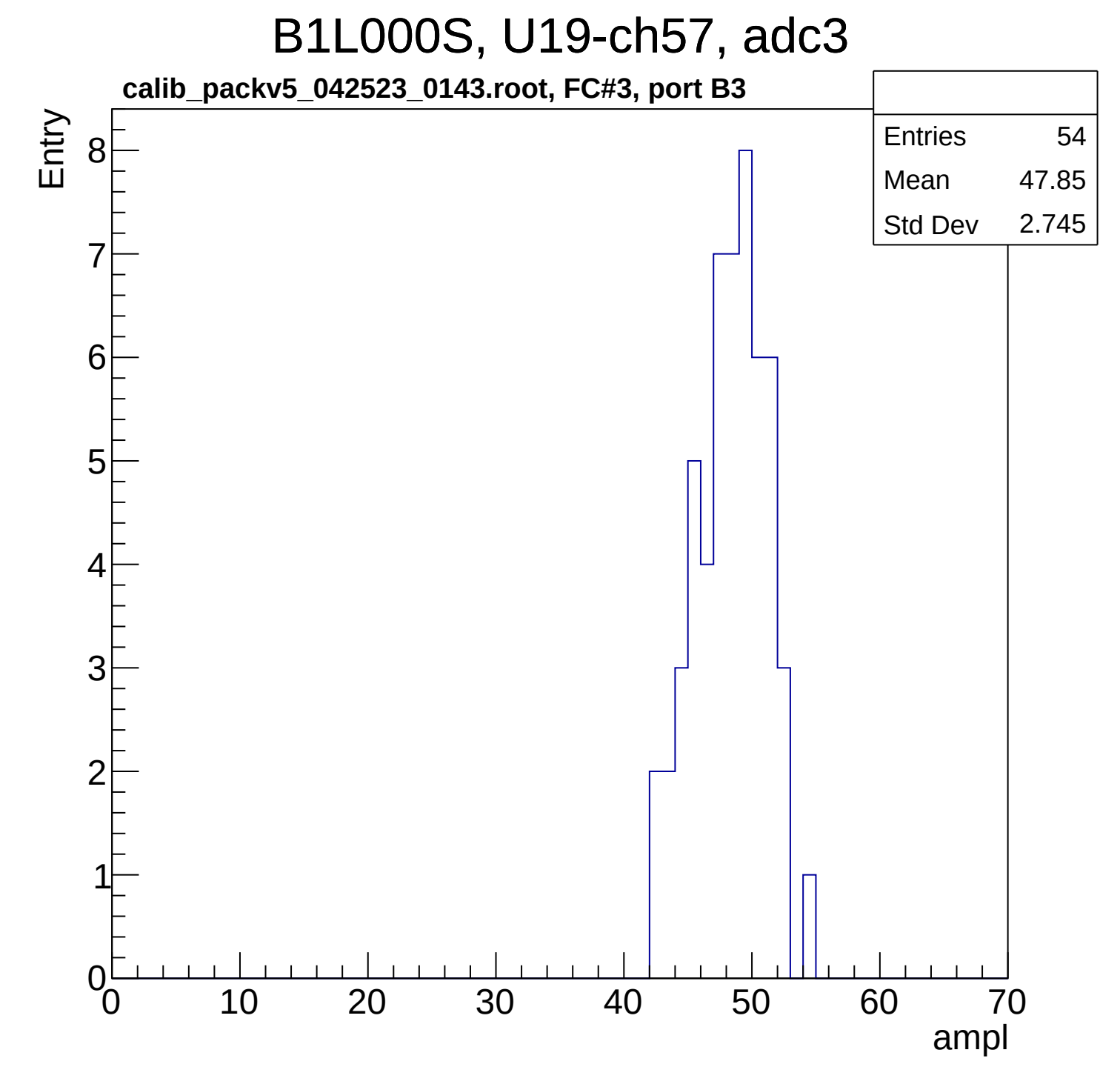
B1L000S, U19-ch57, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 47.85
Std Dev 2.745
Entry
ampl
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2
3
4
5
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7
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0
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20
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40
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60
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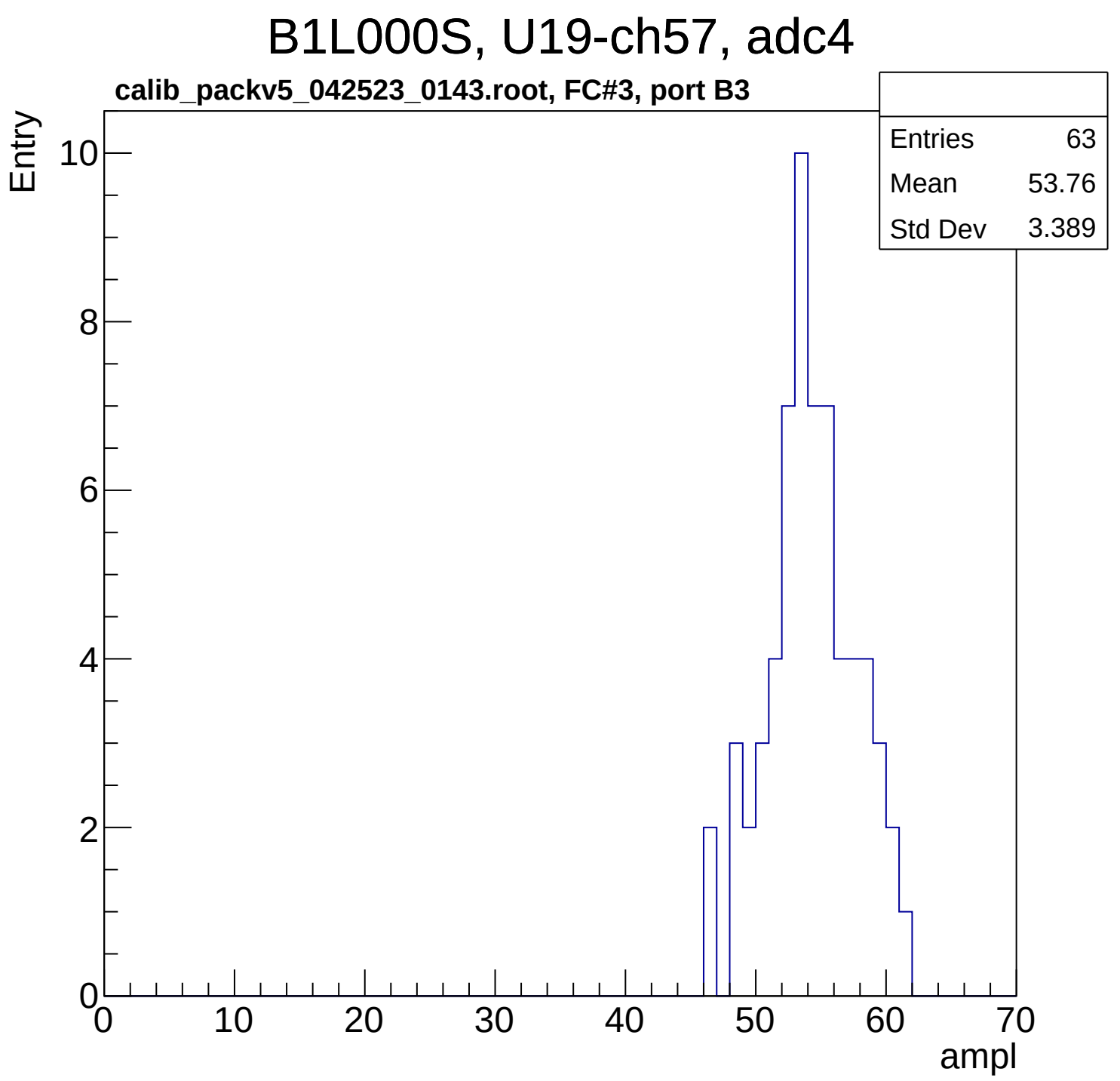
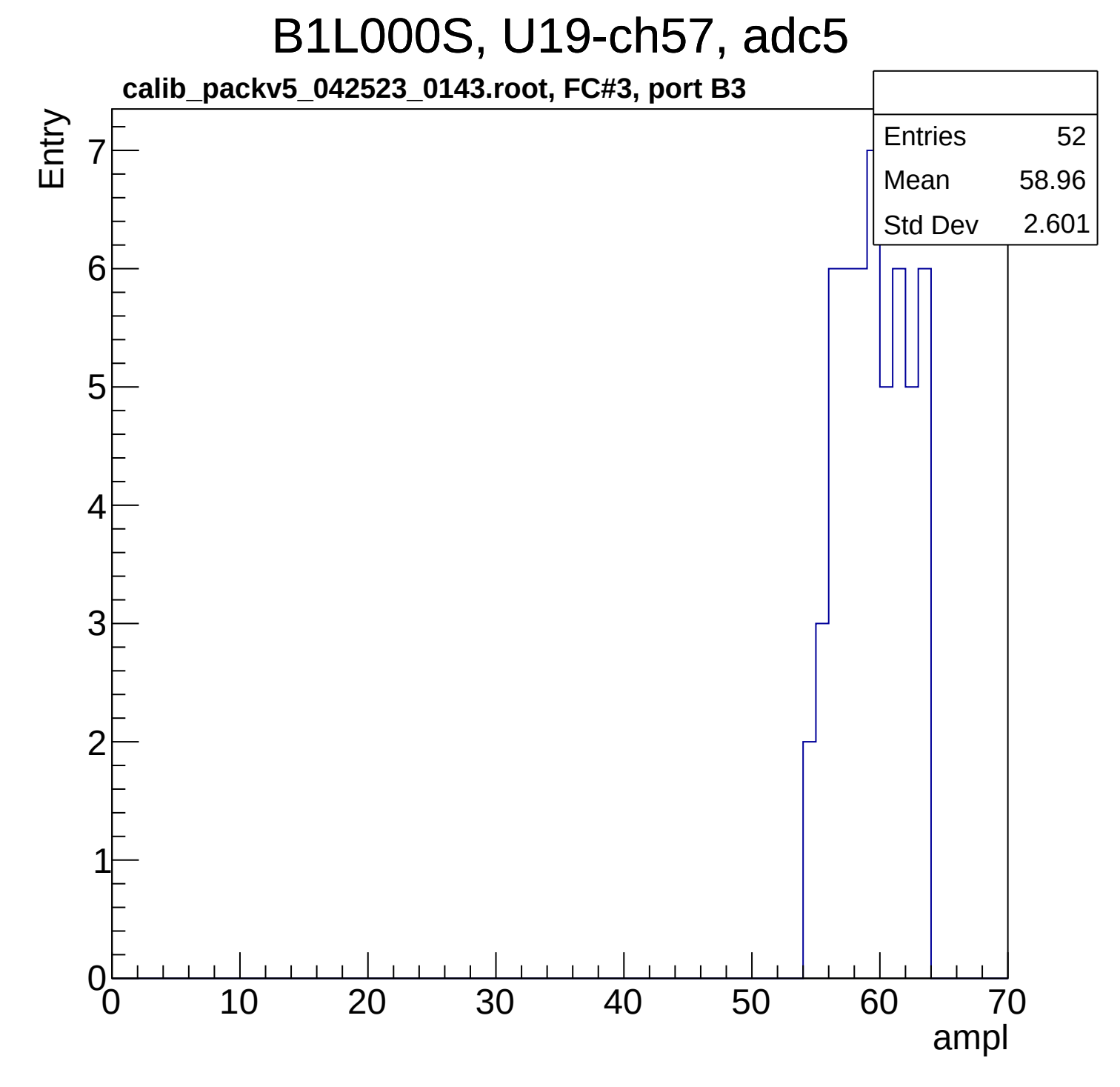

B1L000S, U19-ch57, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 53.76
Std Dev 3.389
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch57, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 58.96
Std Dev 2.601
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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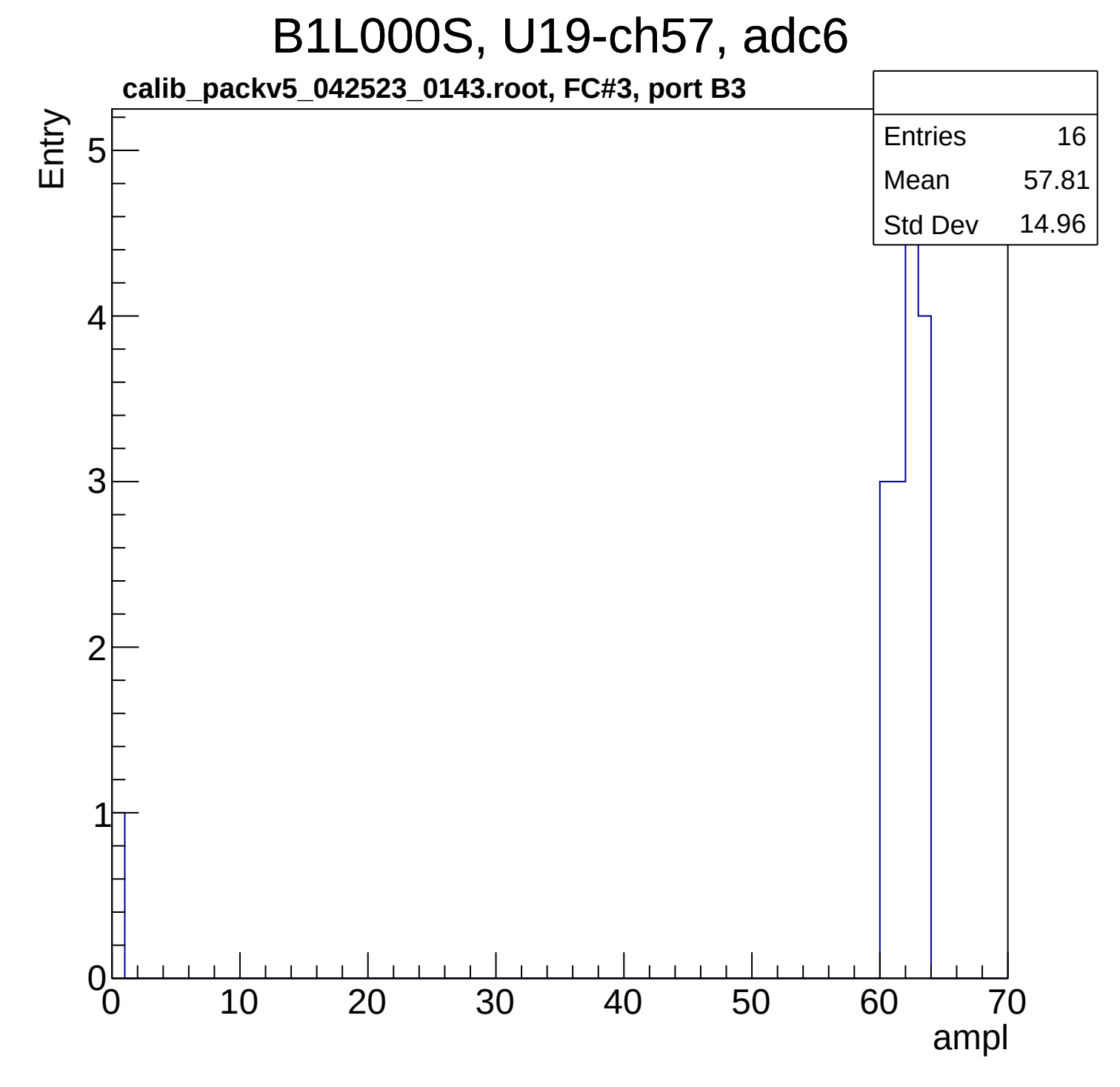
B1L000S, U19-ch57, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 57.81
Std Dev 14.96
Entry
0
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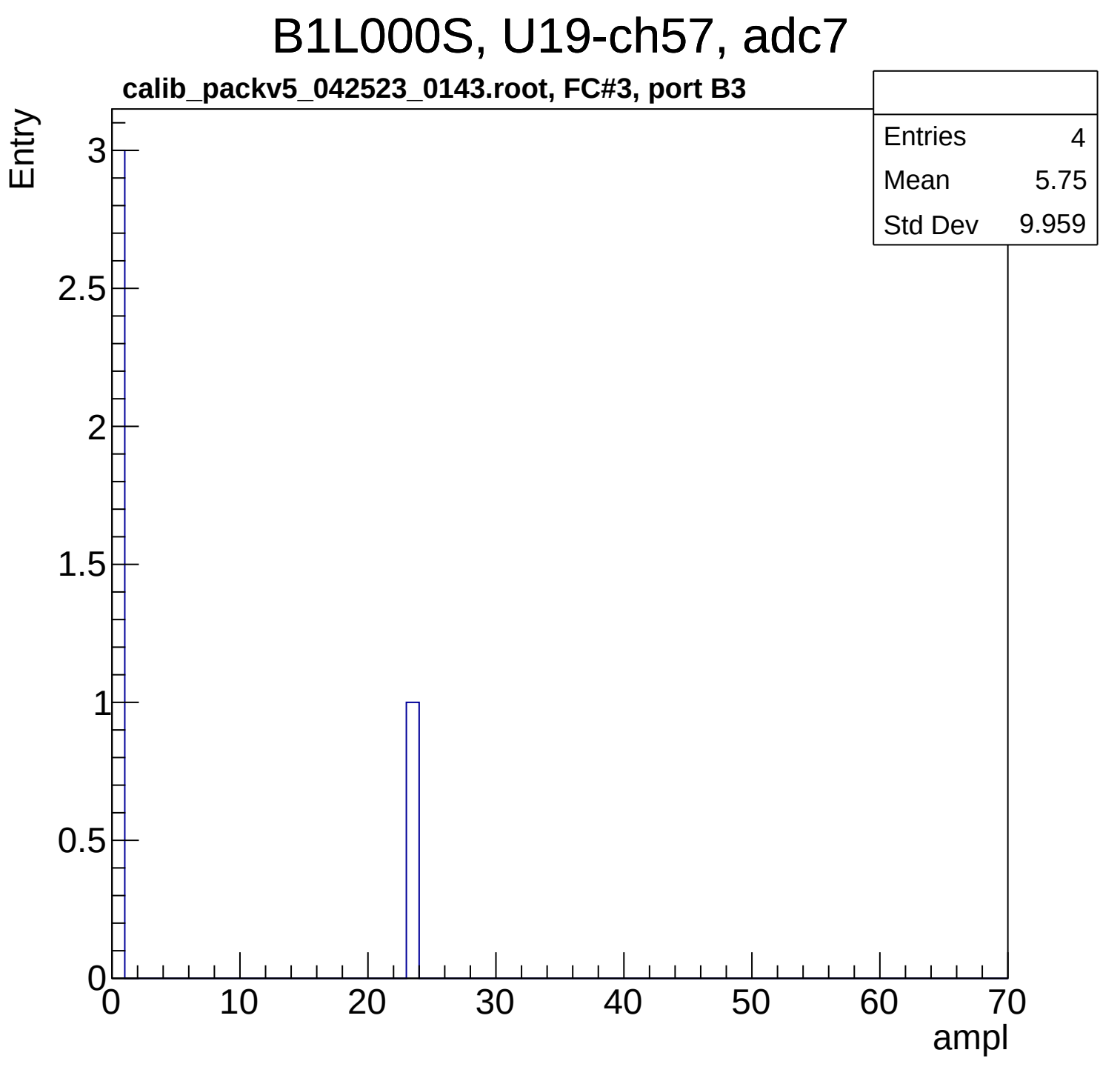
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch57, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 5.75
Std Dev 9.959
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
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40
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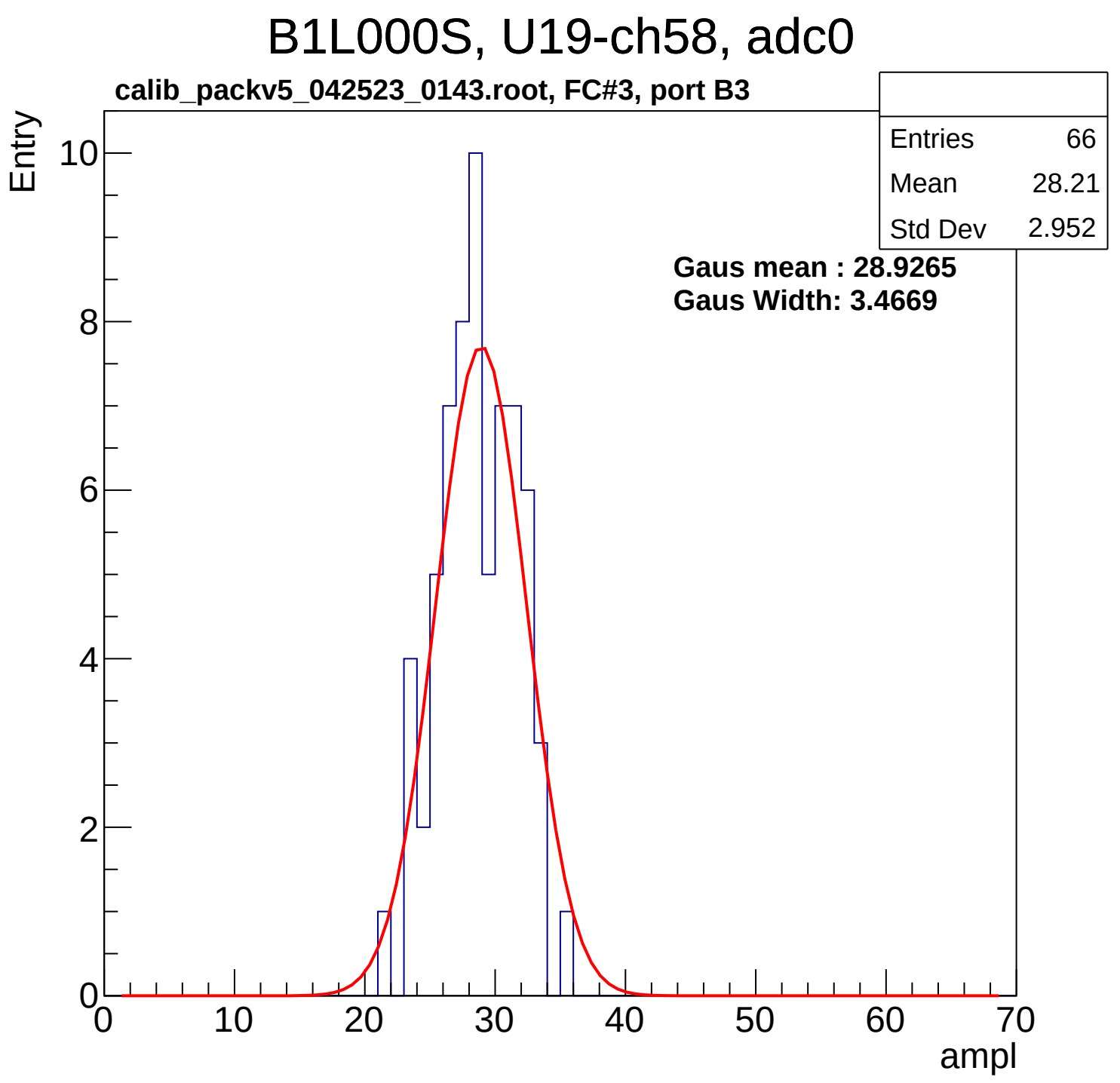
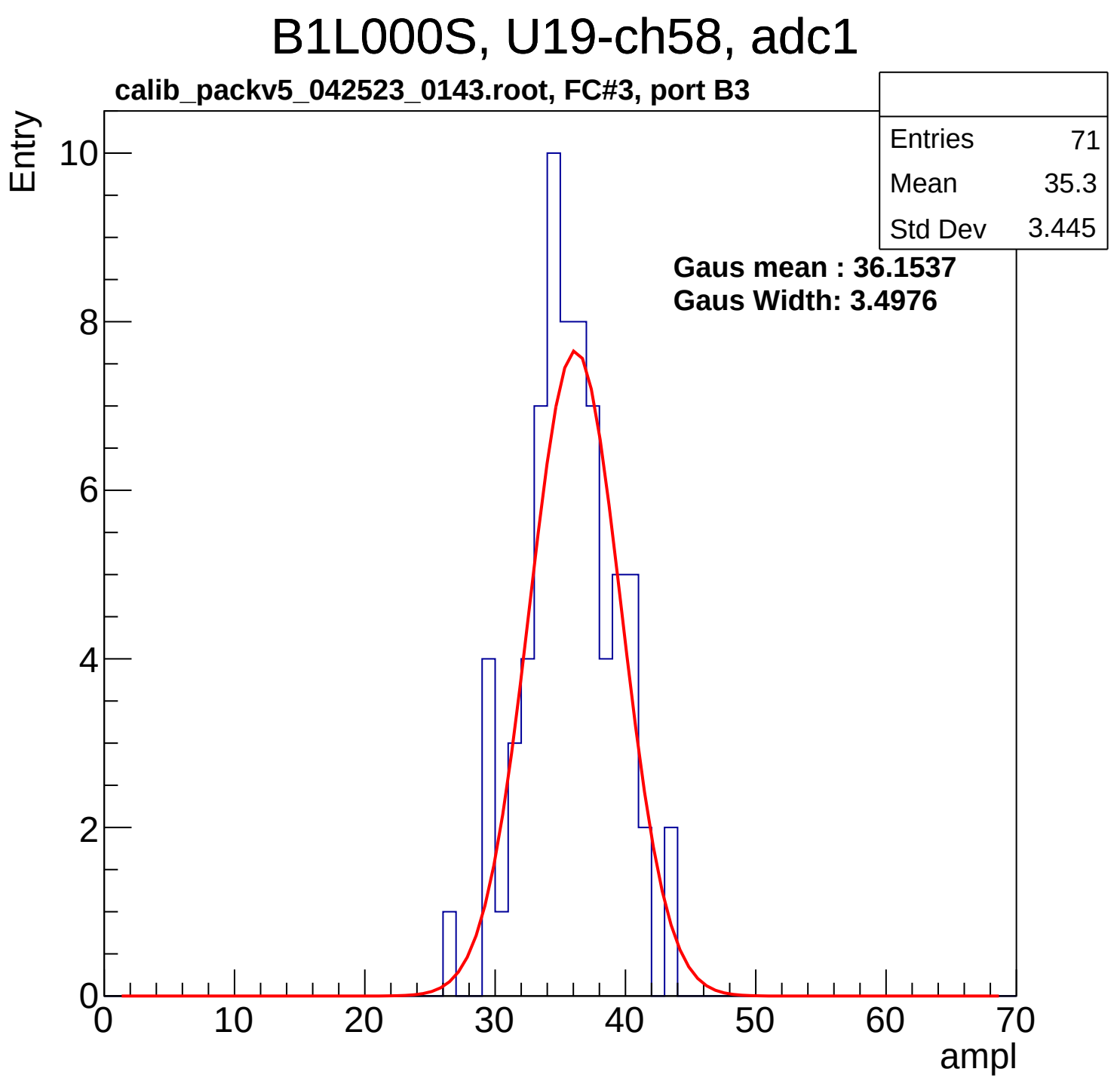
60
70


B1L000S, U19-ch58, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 28.21
Std Dev 2.952
Gaus mean : 28.9265
Gaus Width: 3.4669
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch58, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 35.3
Std Dev 3.445
Gaus mean : 36.1537
Gaus Width: 3.4976
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
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60
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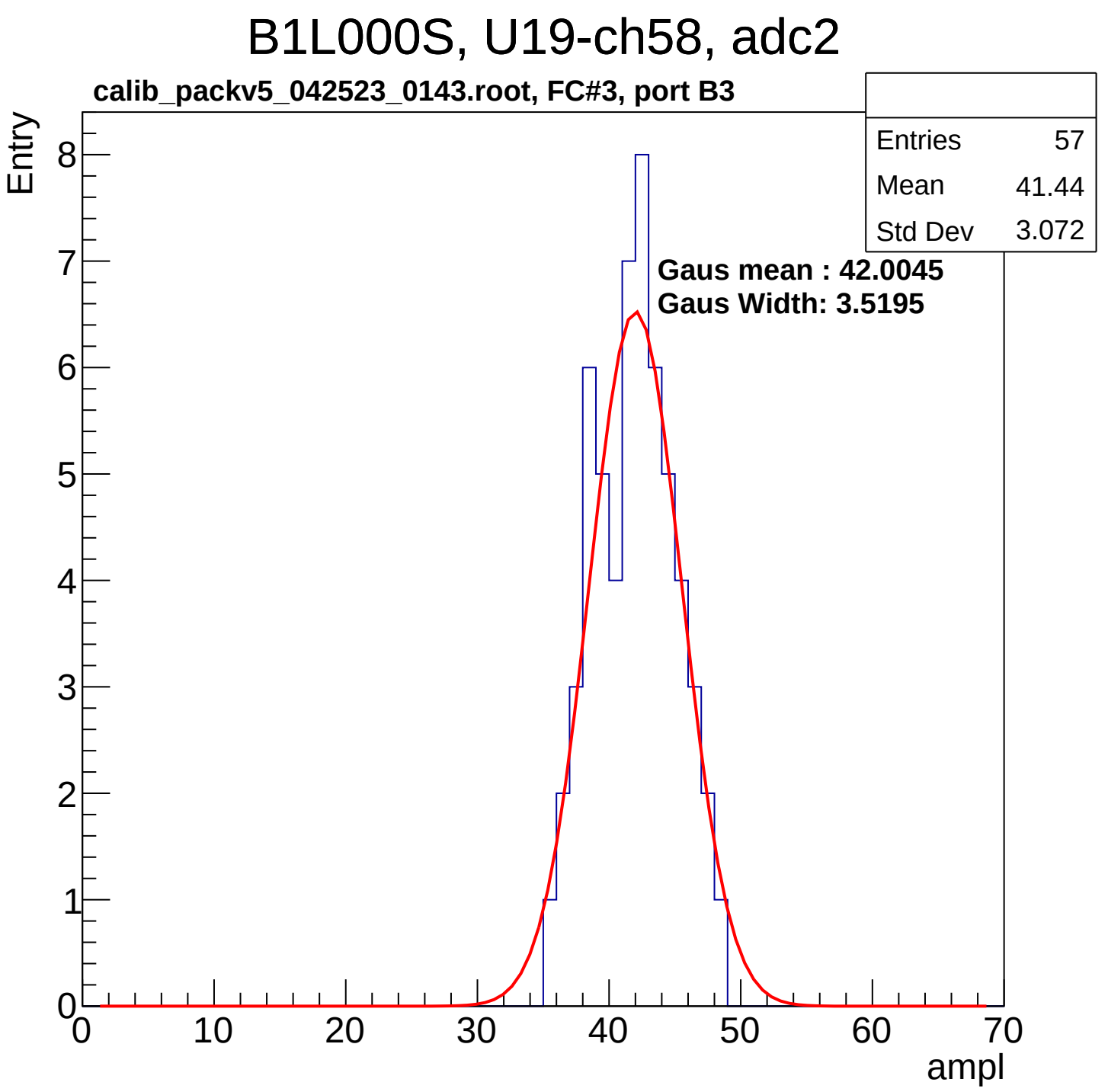
B1L000S, U19-ch58, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 41.44
Std Dev 3.072
Gaus mean : 42.0045
Gaus Width: 3.5195
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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60
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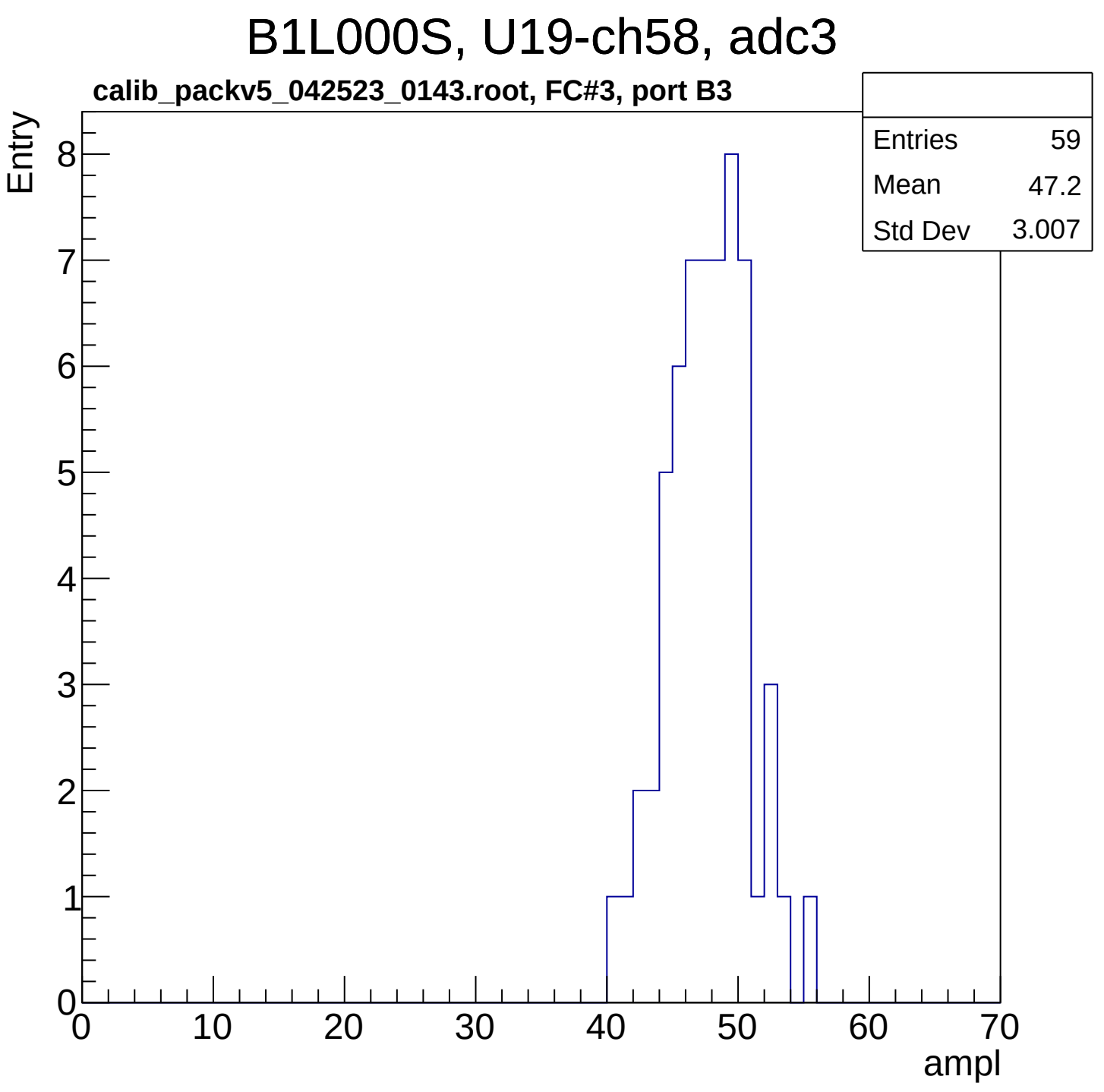
B1L000S, U19-ch58, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 47.2
Std Dev 3.007
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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60
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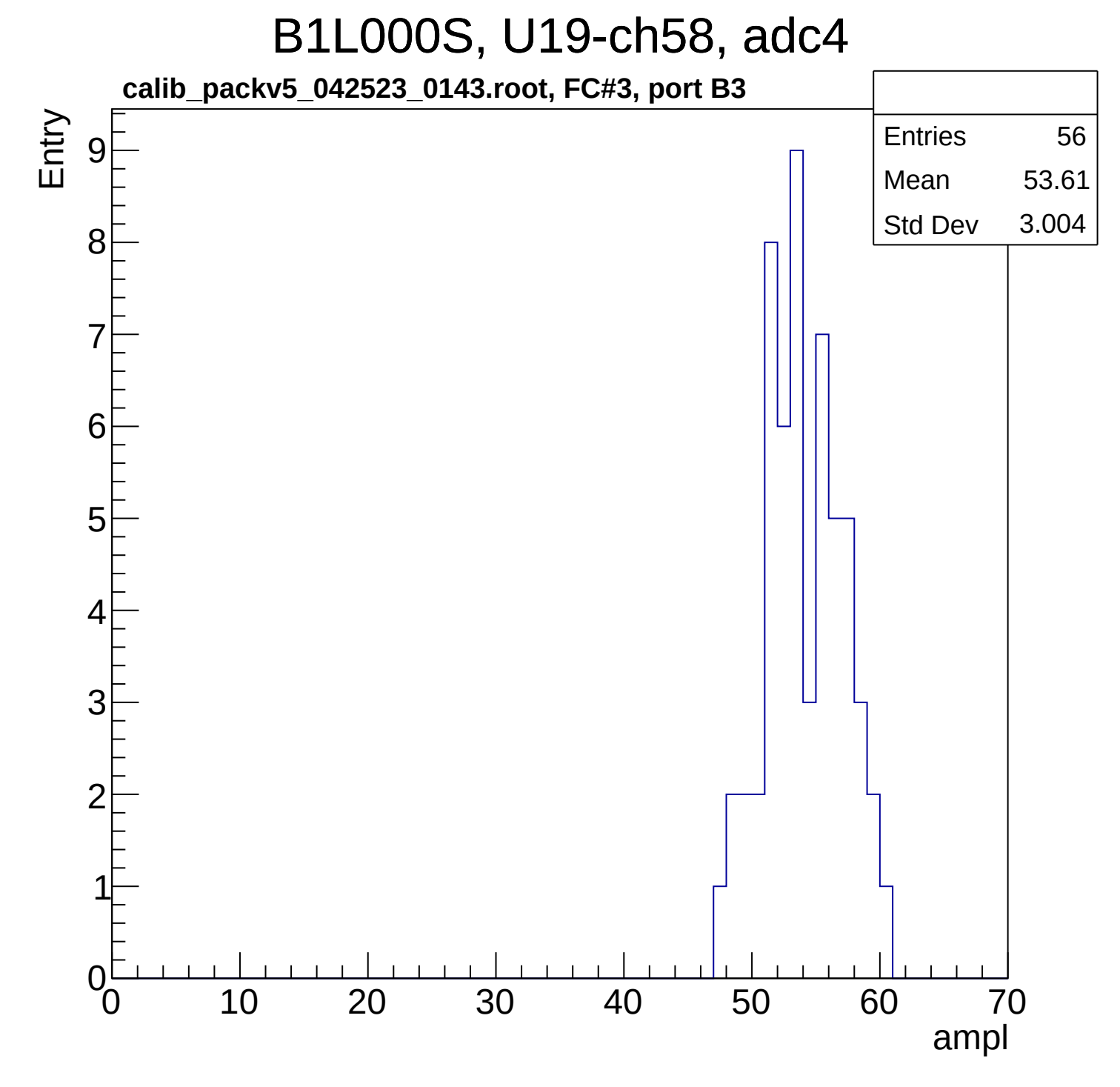
B1L000S, U19-ch58, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 53.61
Std Dev 3.004
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
50
60
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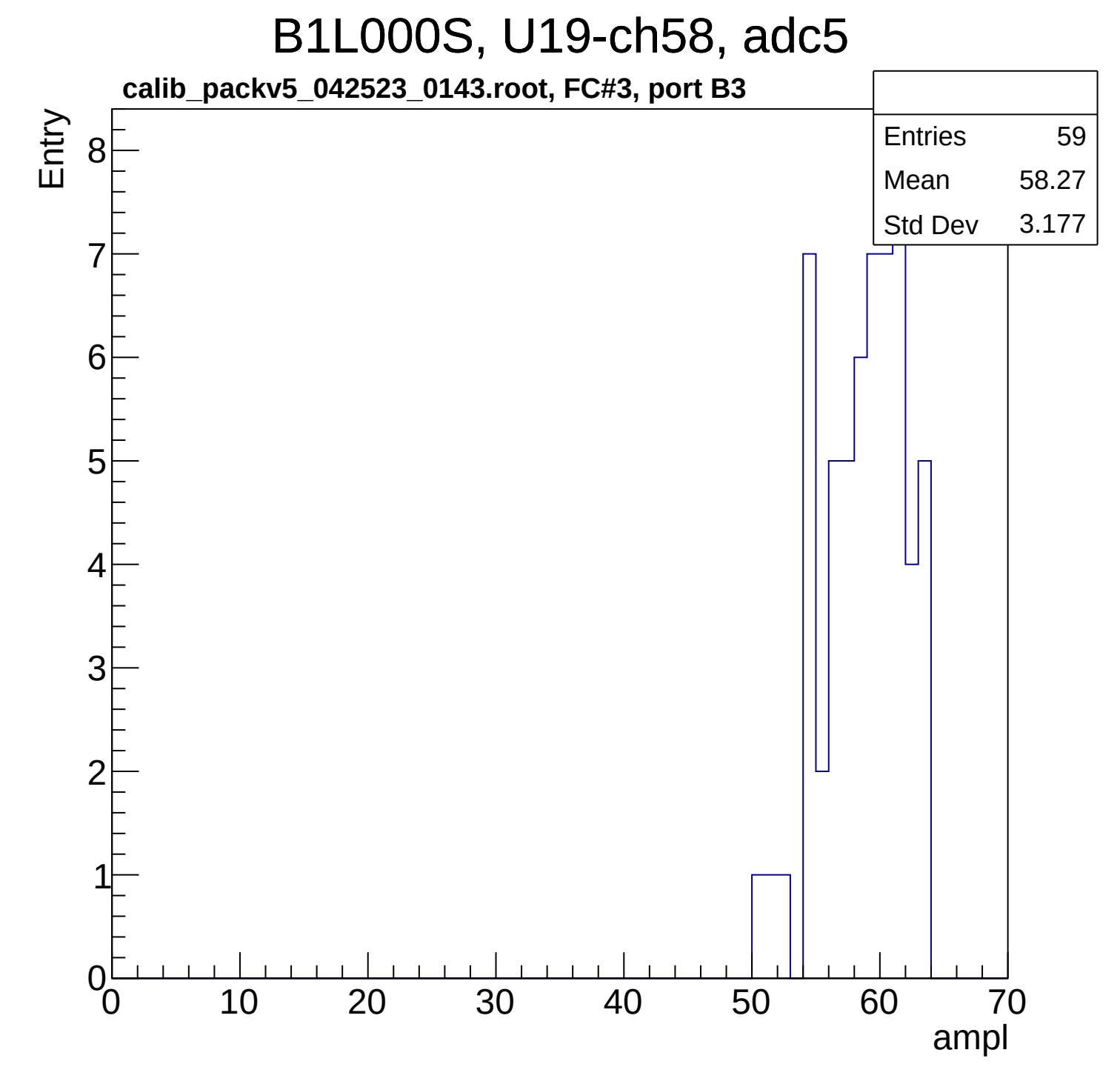
B1L000S, U19-ch58, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 58.27
Std Dev 3.177
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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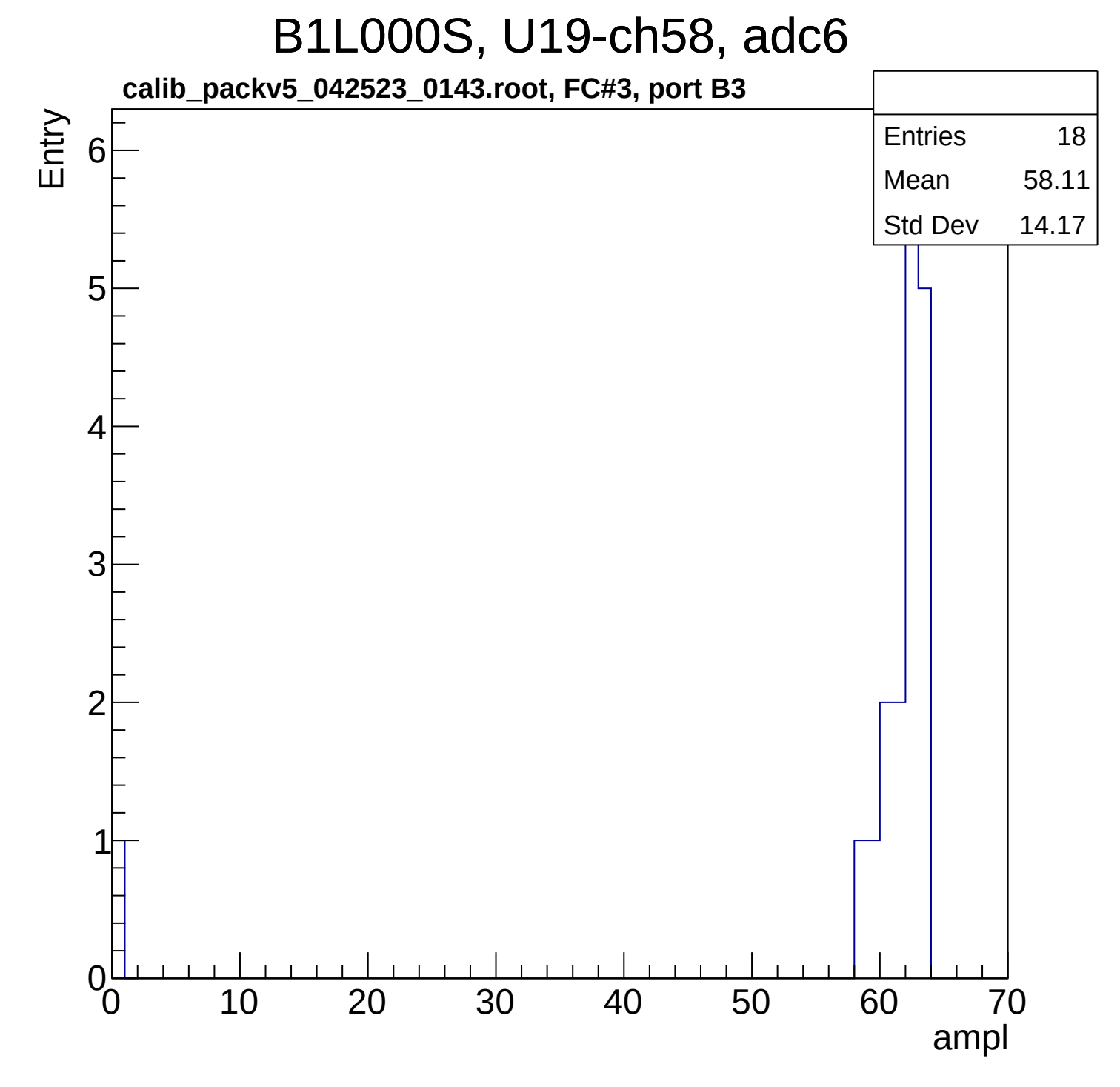
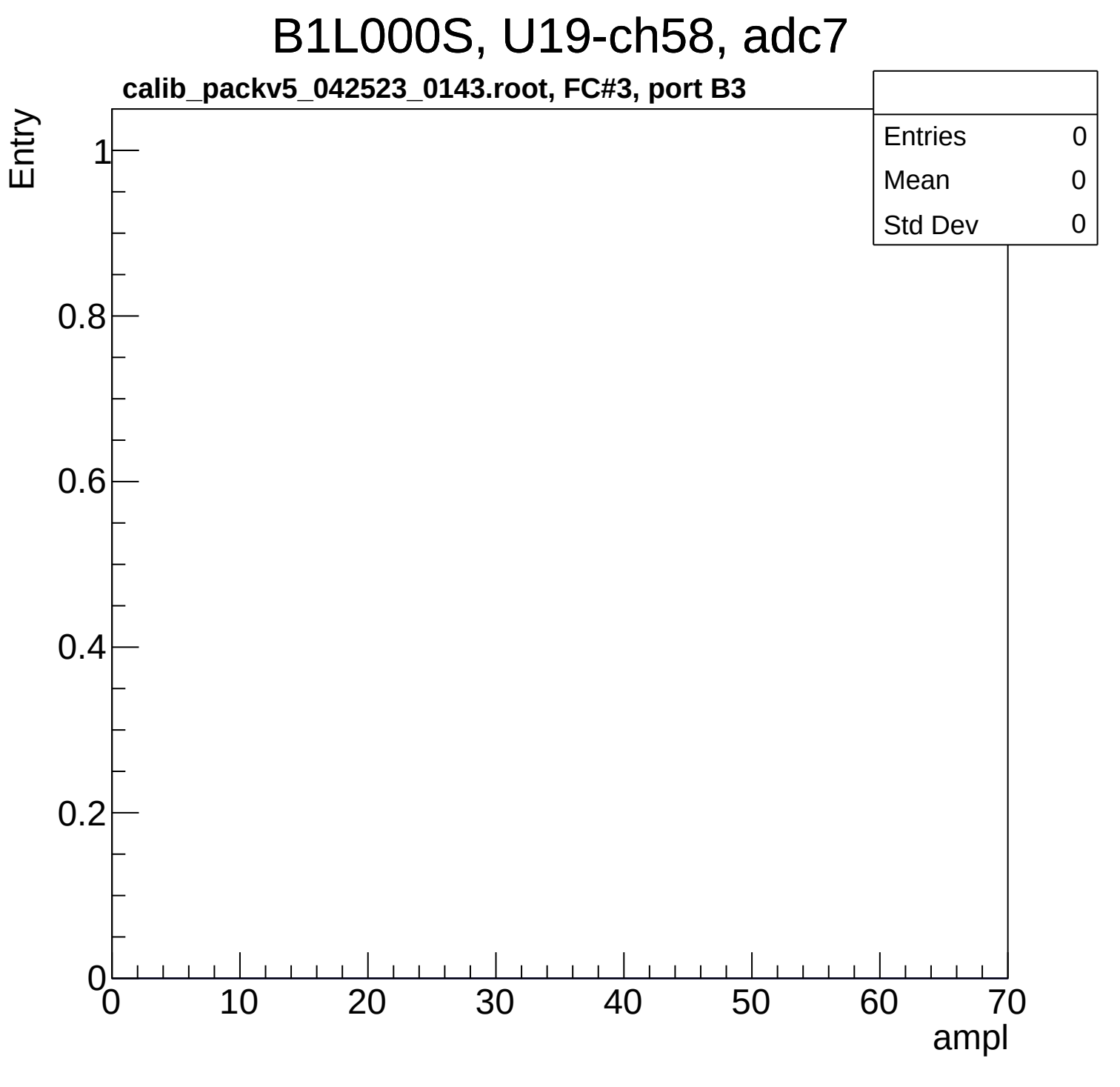
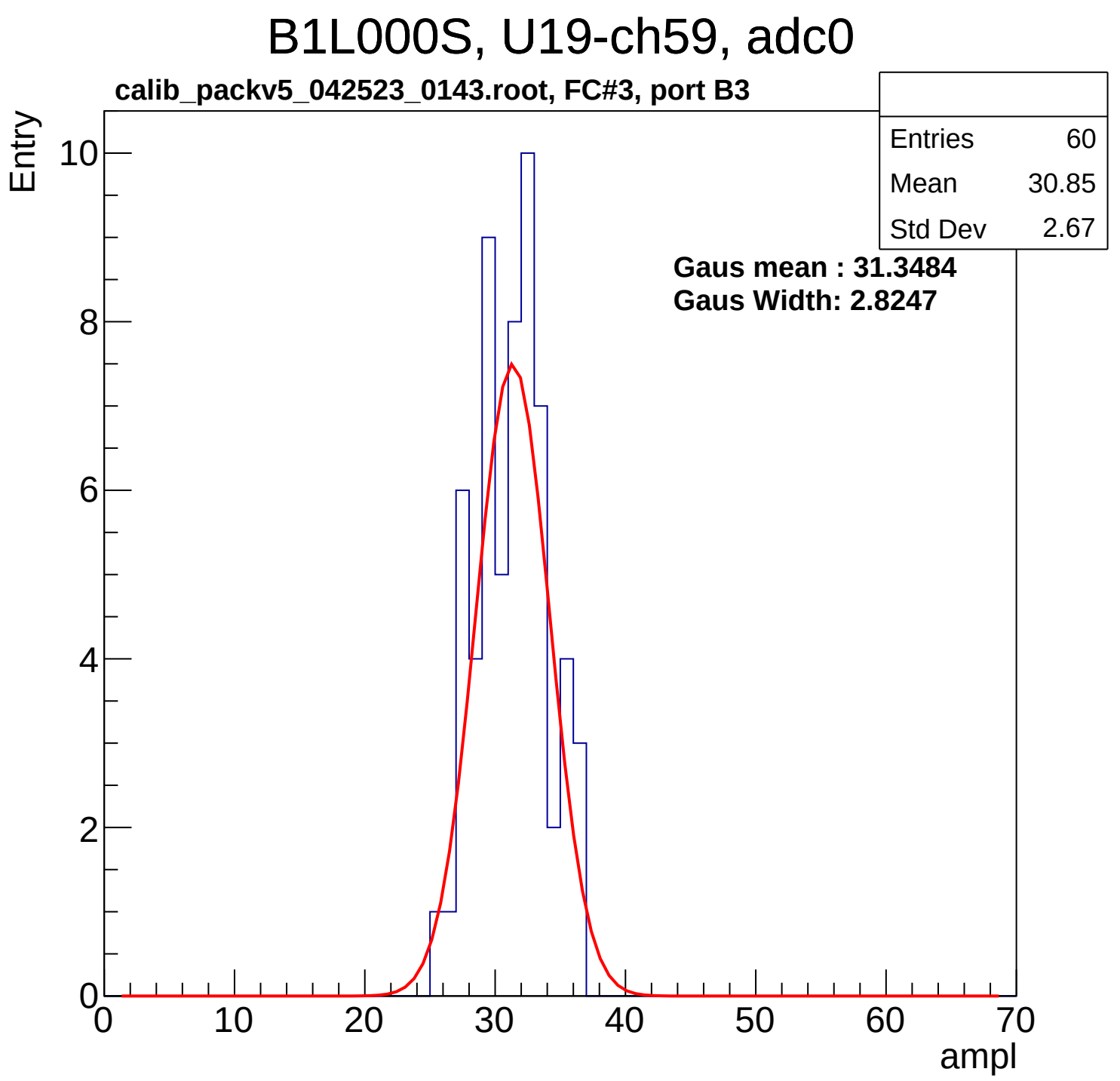
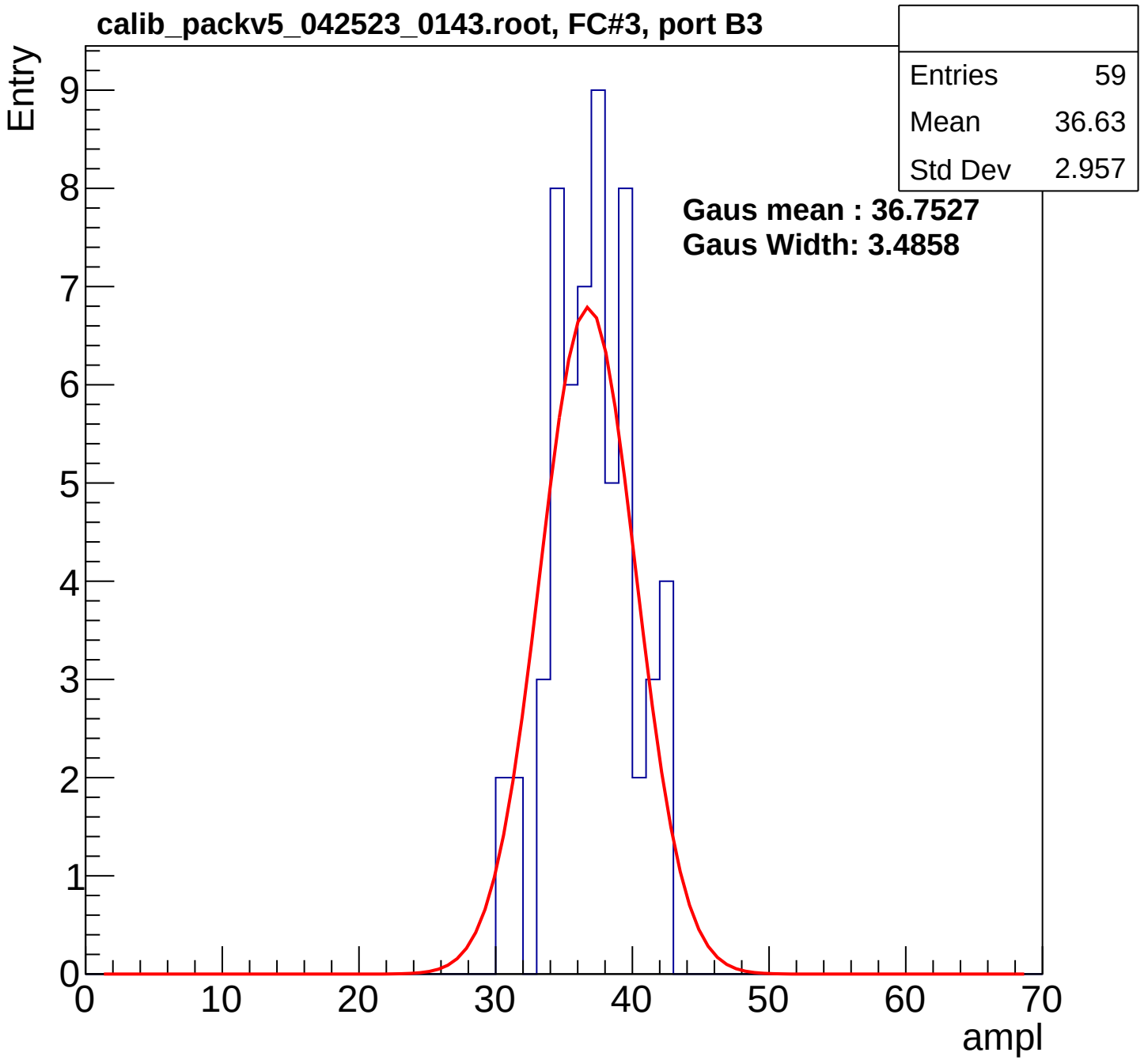
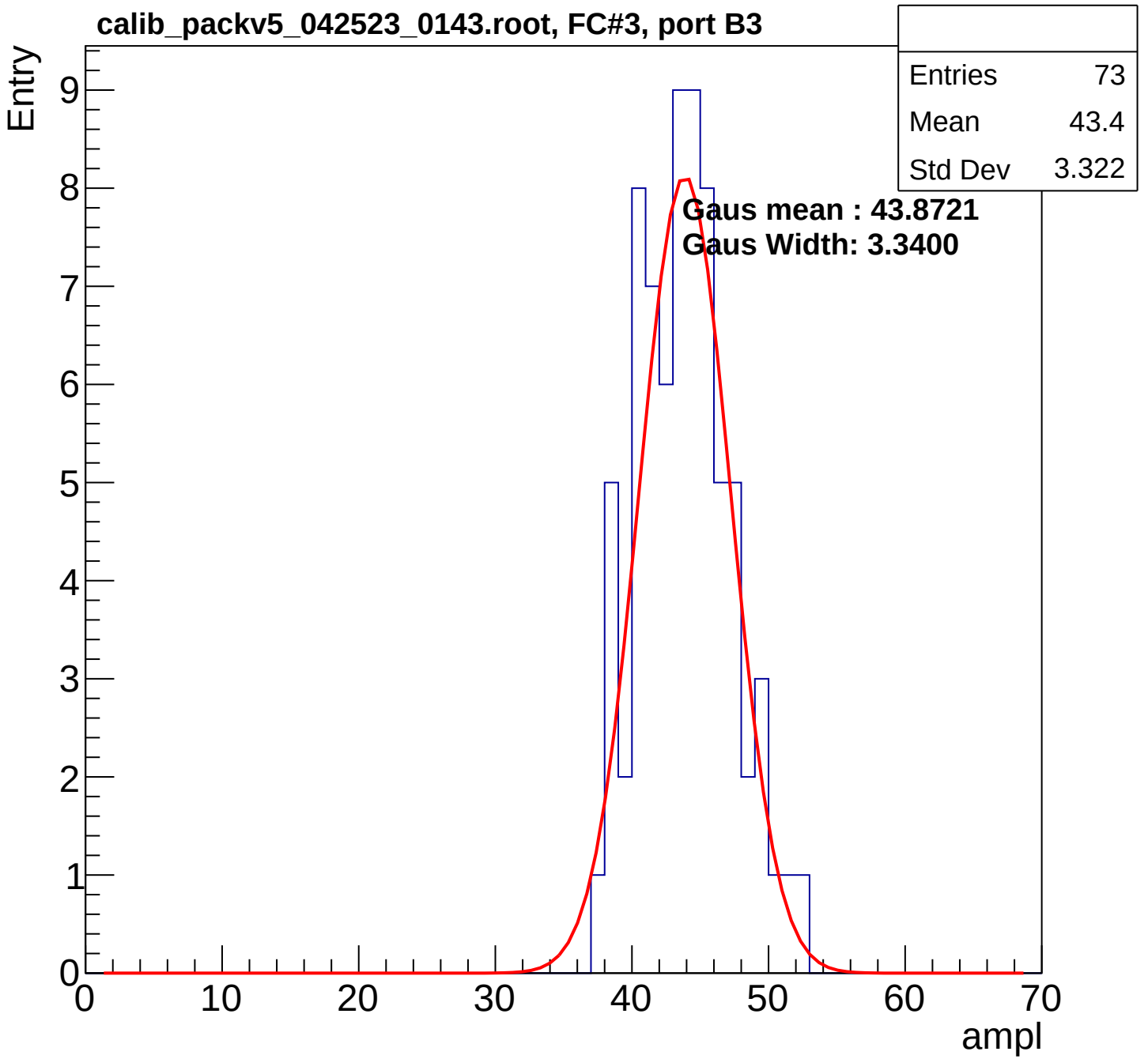
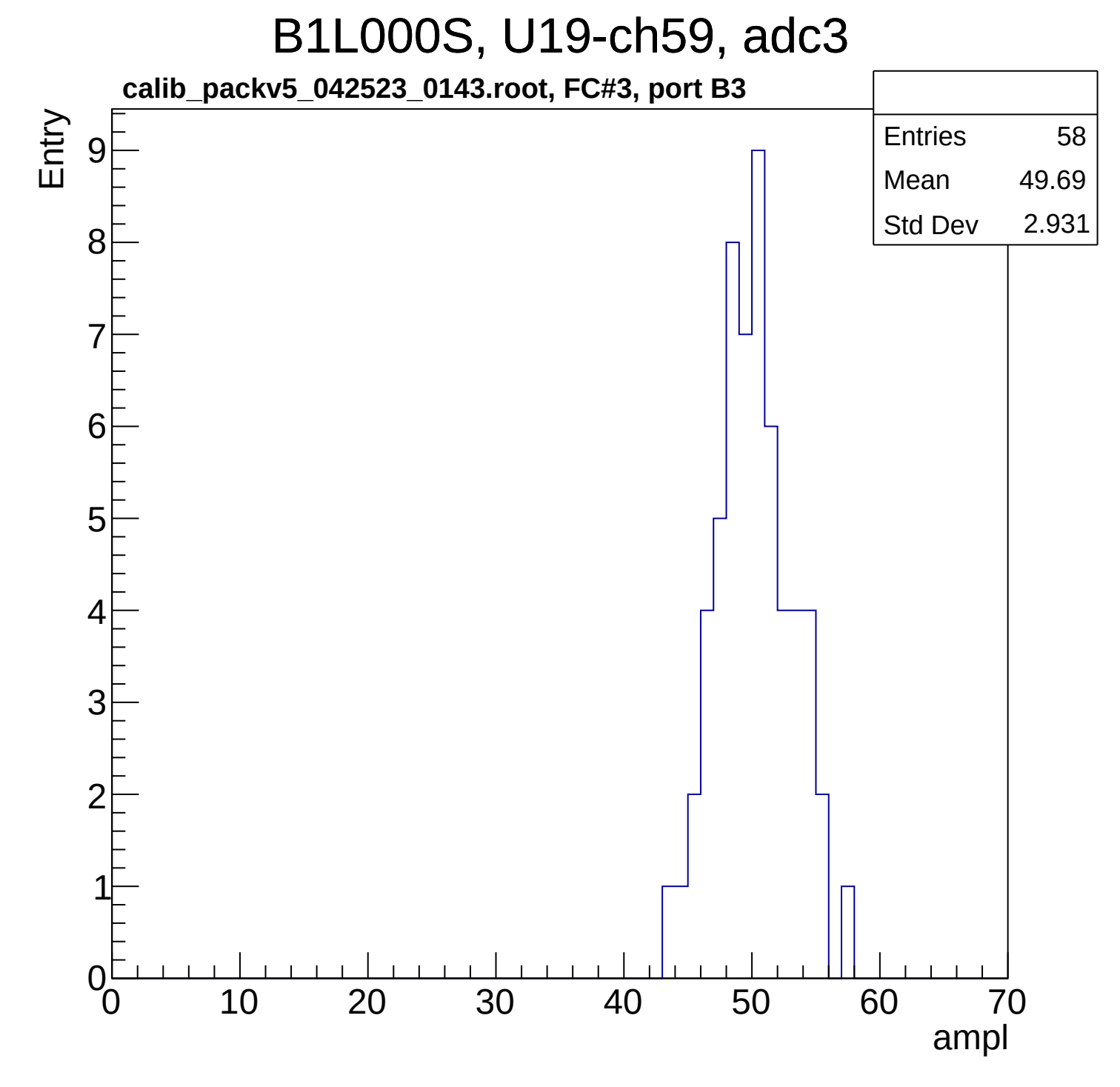

B1L000S, U19-ch58, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 18
Mean 58.11
Std Dev 14.17
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

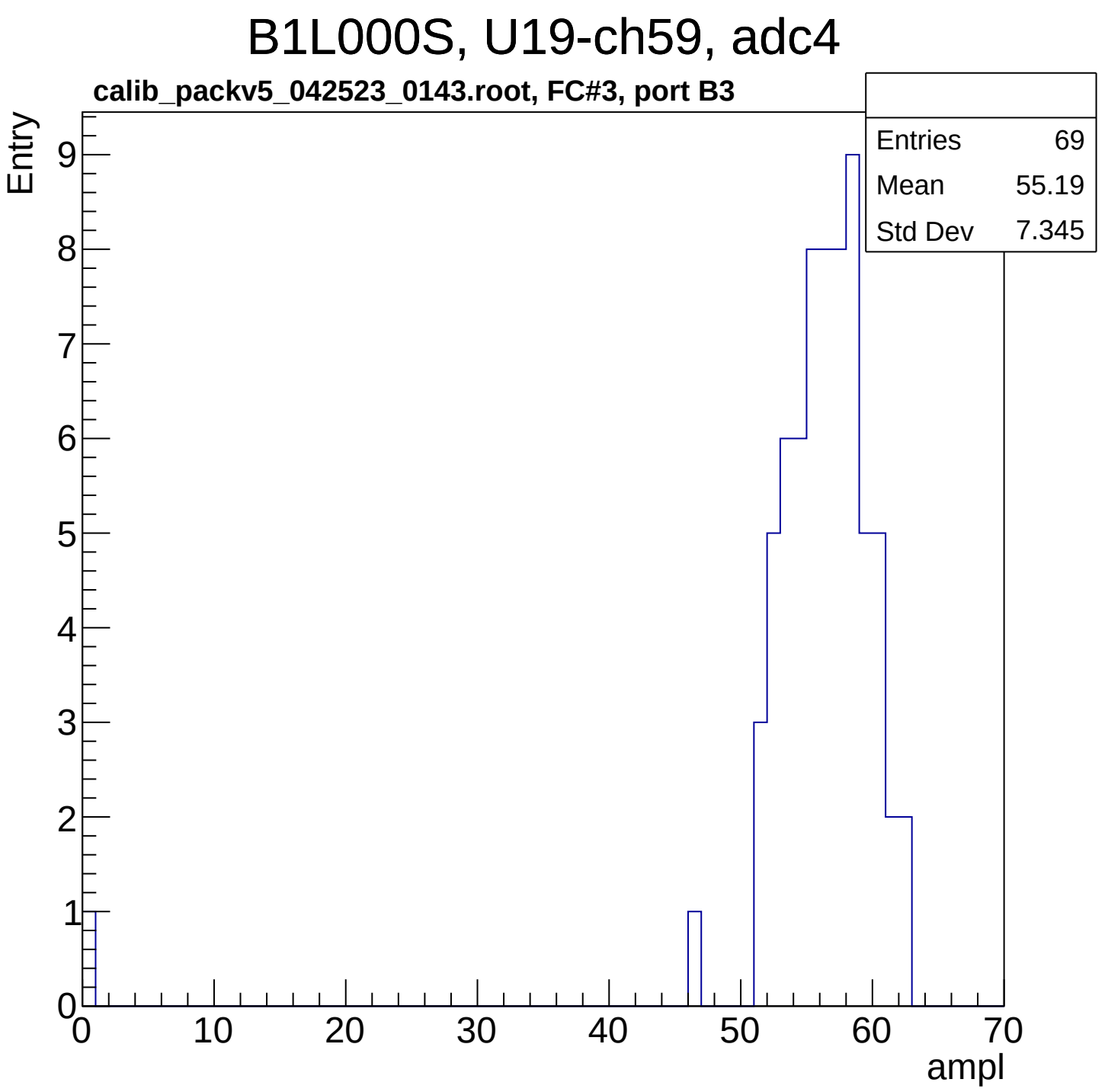

B1L000S, U19-ch58, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

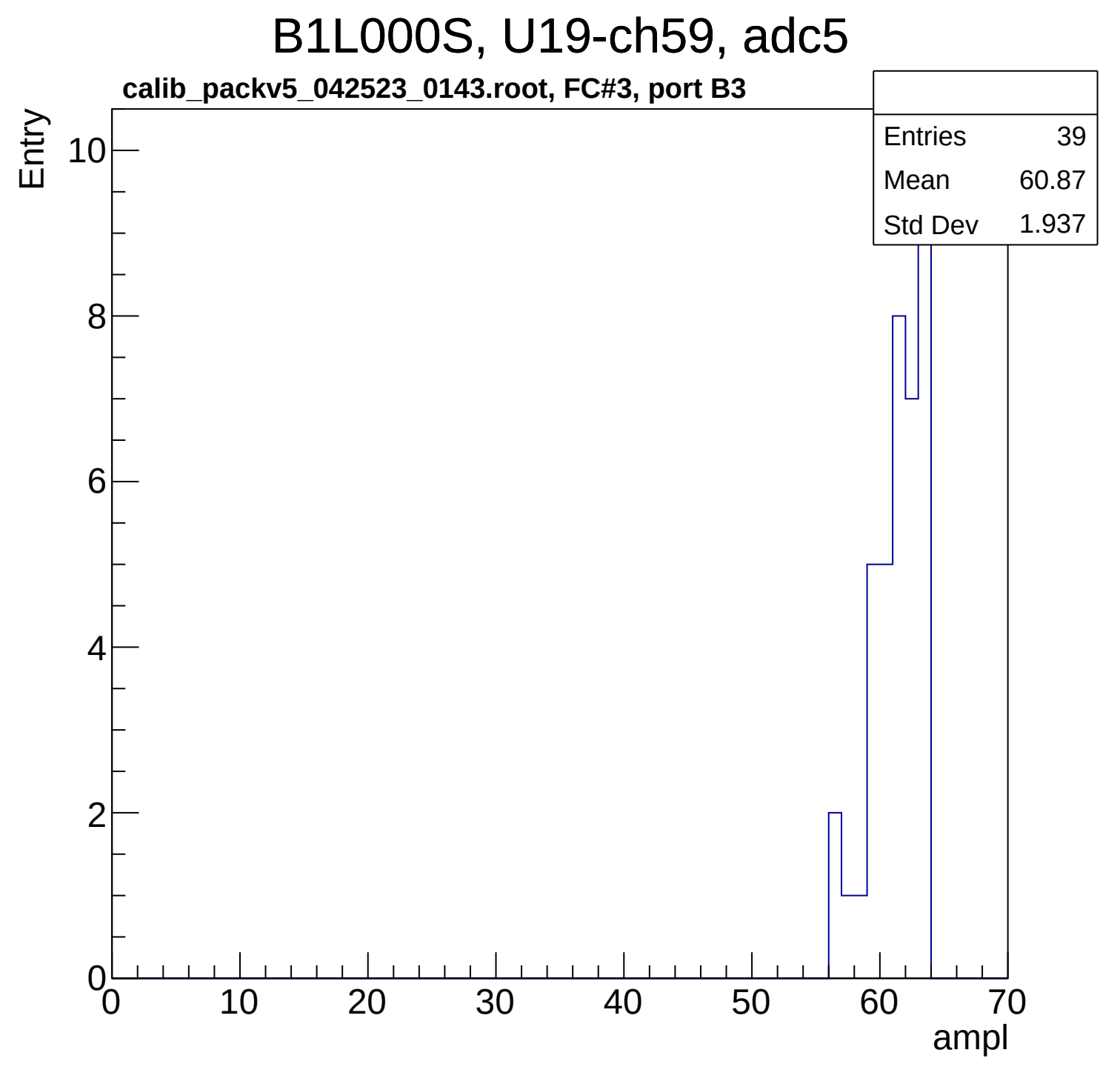

B1L000S, U19-ch59, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 30.85
Std Dev 2.67
Gaus mean : 31.3484
Gaus Width: 2.8247
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

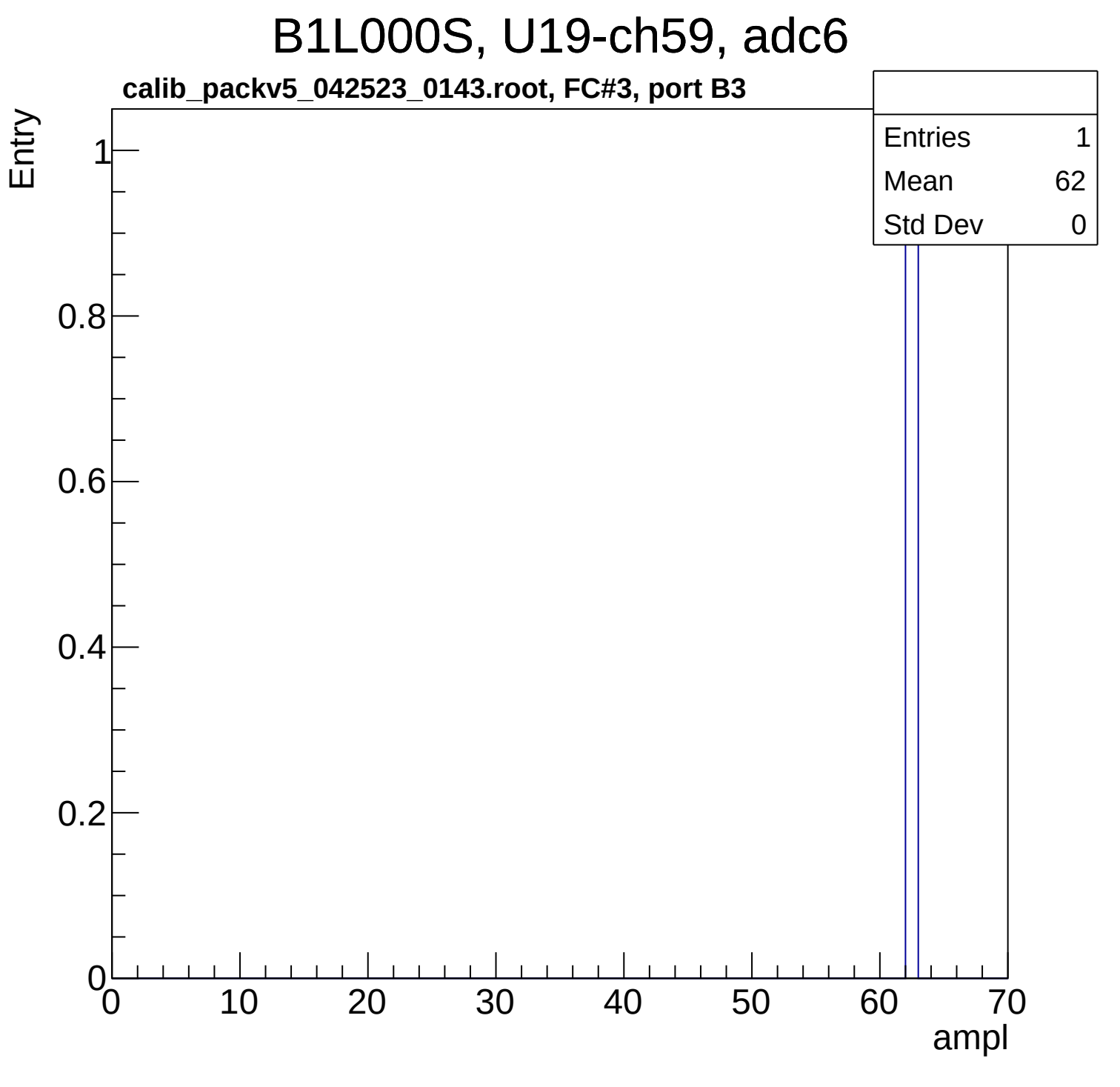

B1L000S, U19-ch59, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 36.63
Std Dev 2.957
Gaus mean : 36.7527
Gaus Width: 3.4858
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

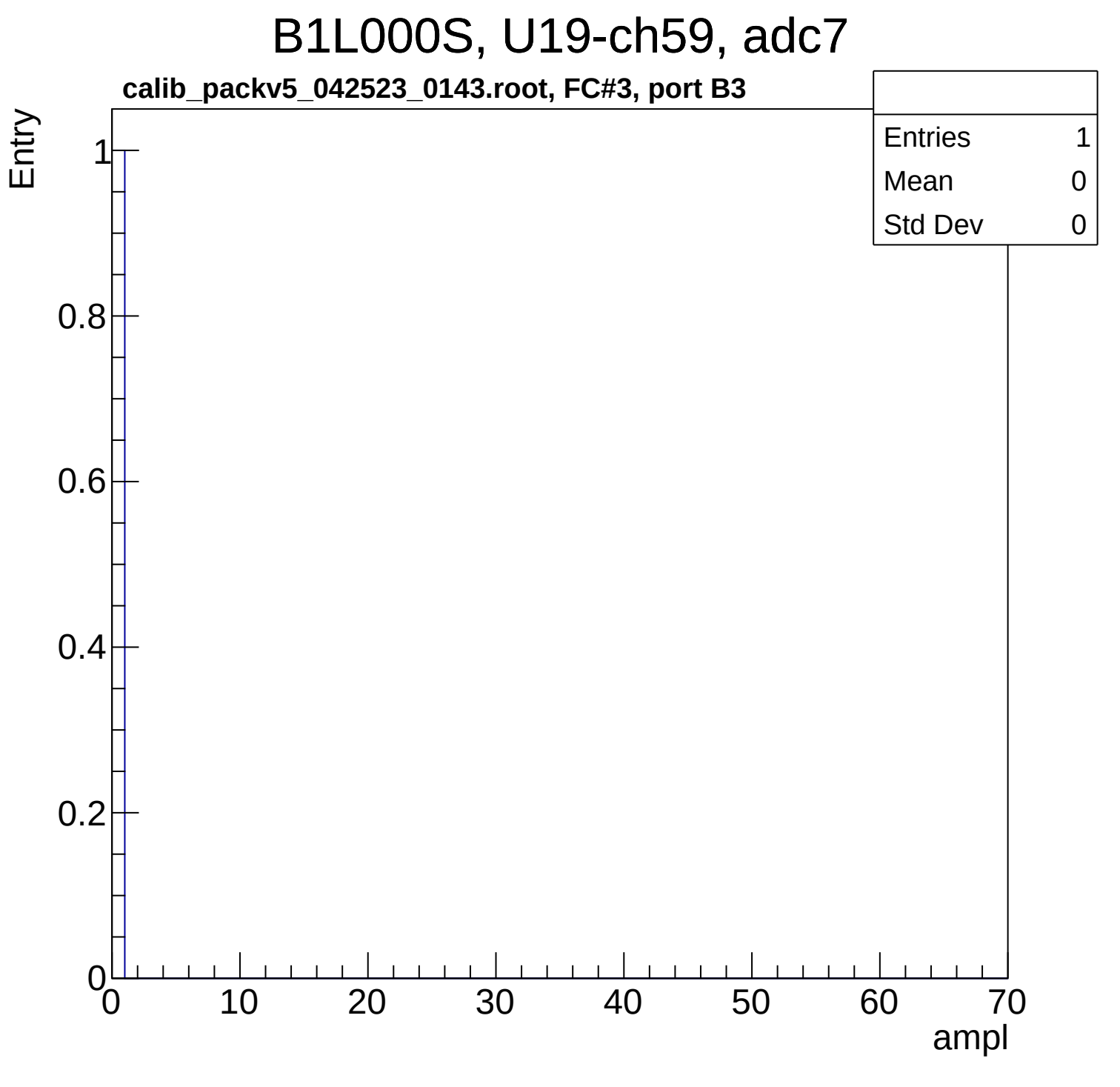

B1L000S, U19-ch59, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 43.4
Std Dev 3.322
Gaus mean : 43.8721
Gaus Width: 3.3400
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

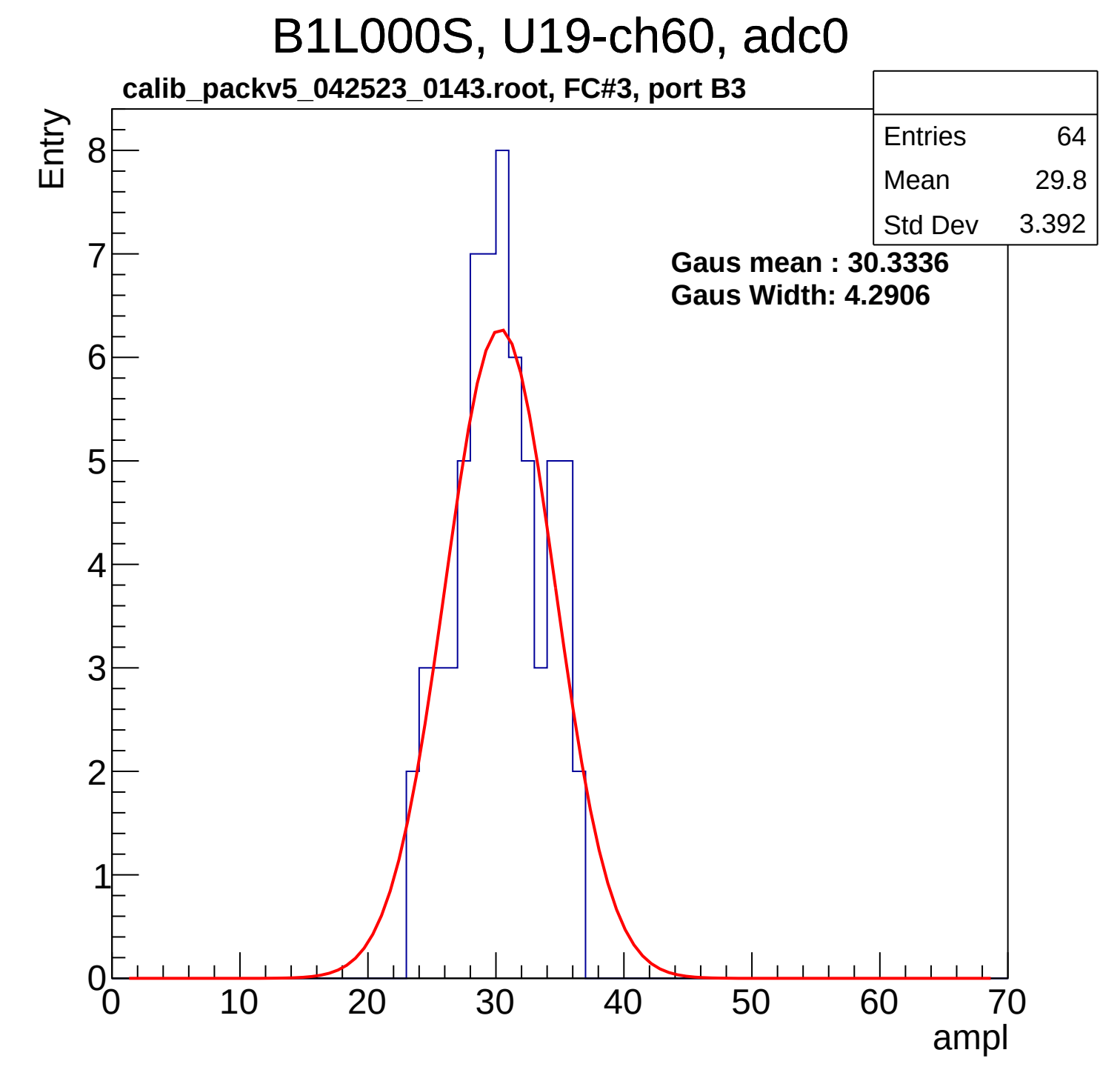

B1L000S, U19-ch59, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 49.69
Std Dev 2.931
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

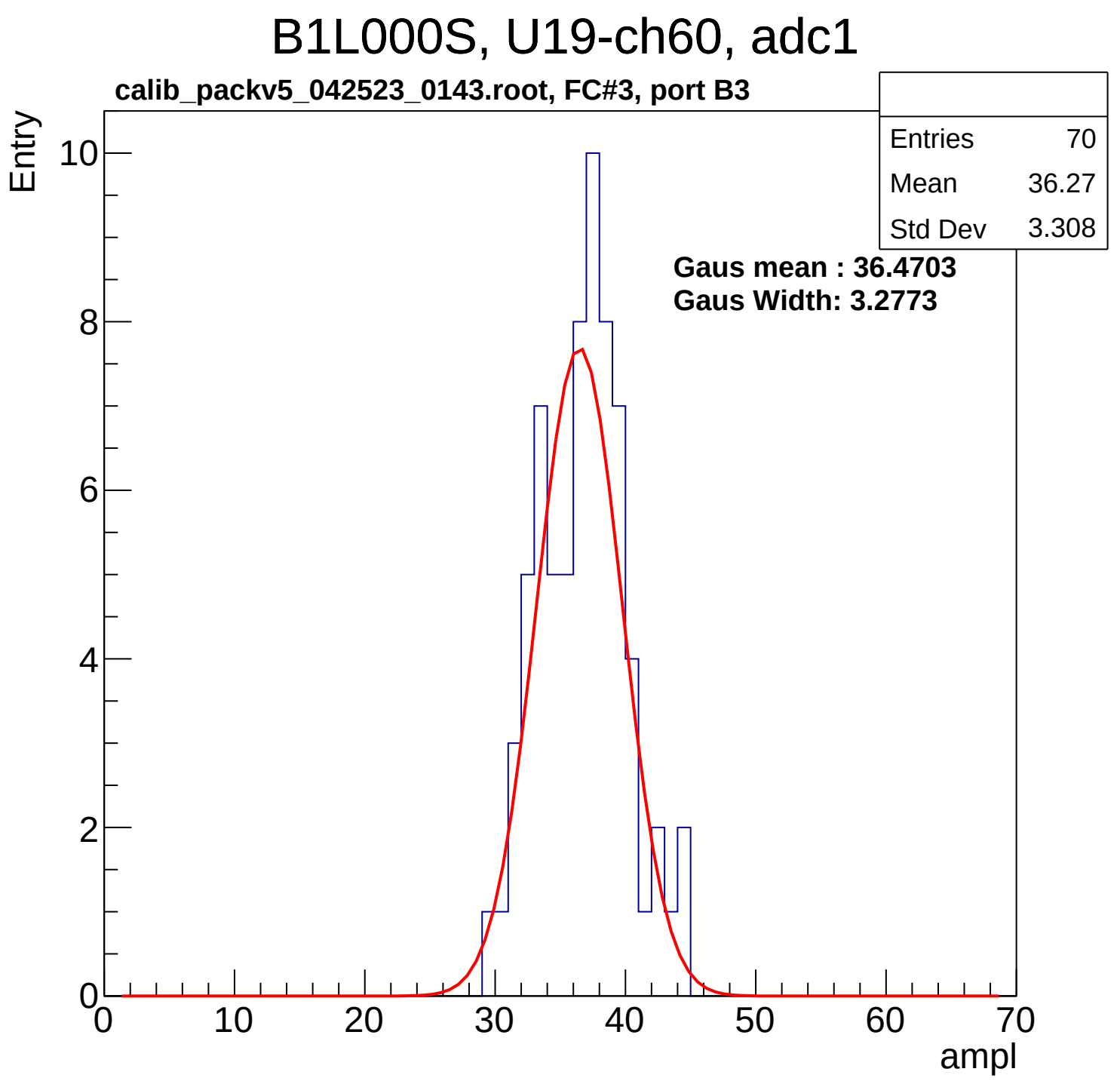

B1L000S, U19-ch59, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 55.19
Std Dev 7.345
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

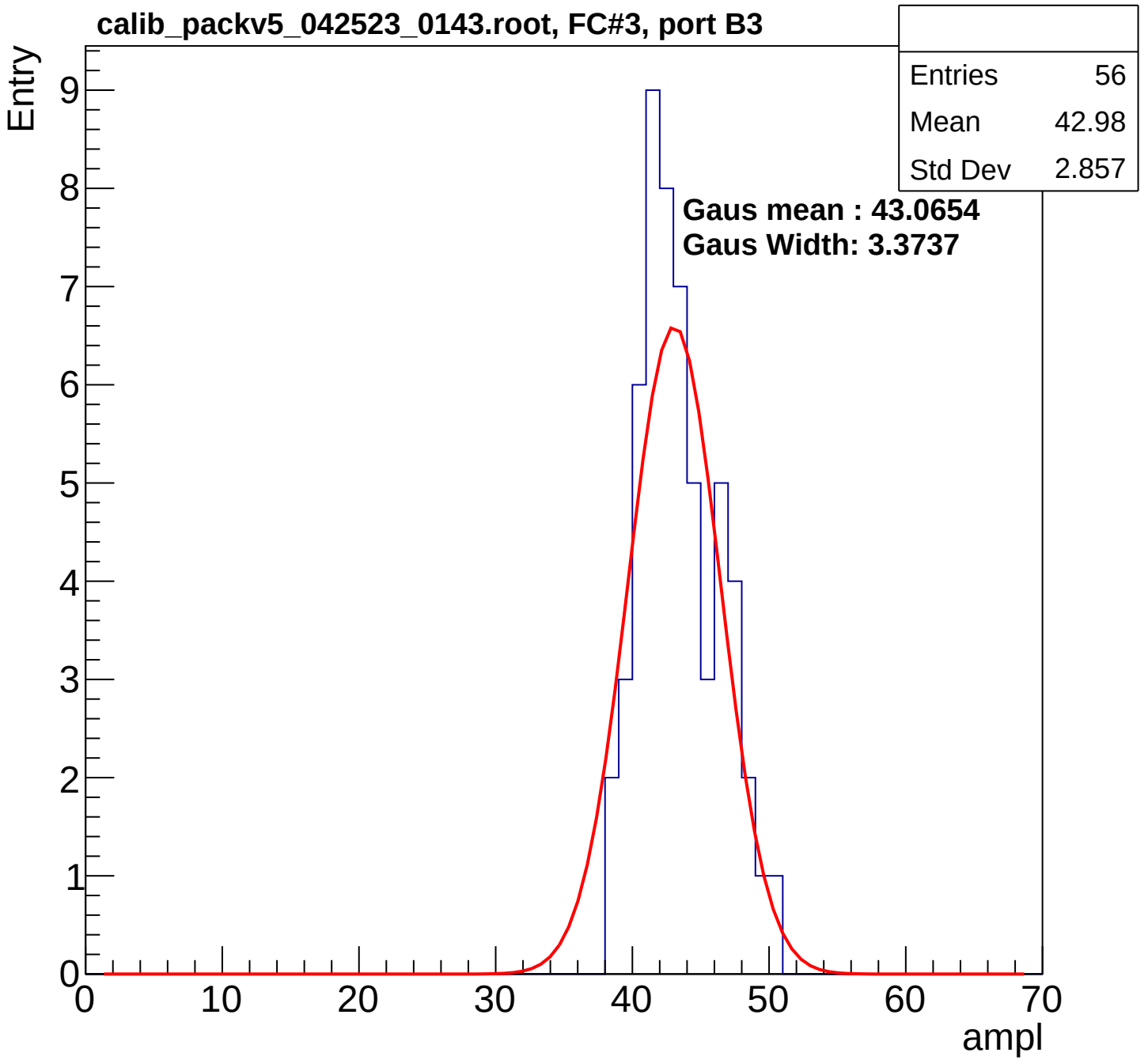

B1L000S, U19-ch59, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 39
Mean 60.87
Std Dev 1.937
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

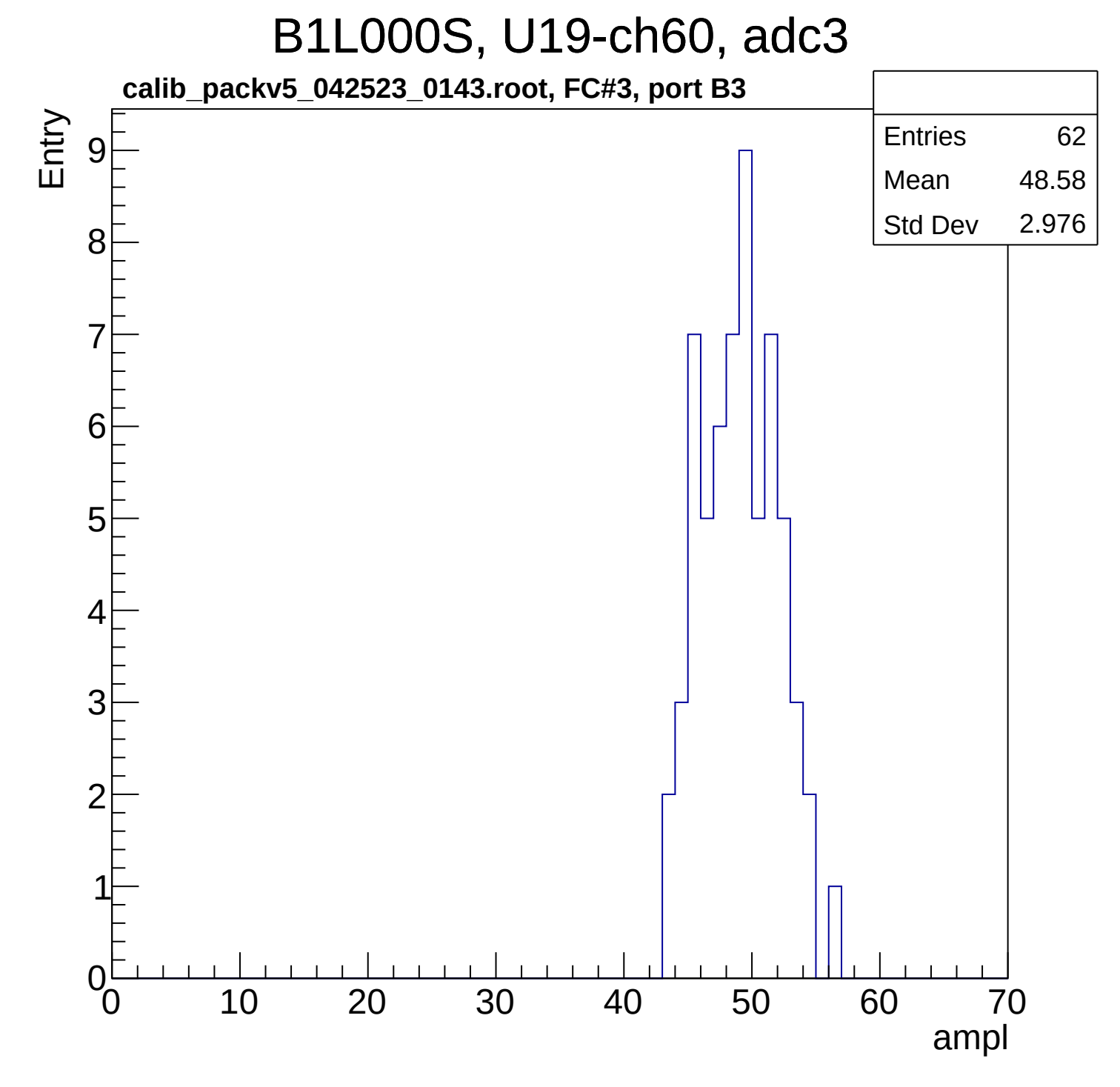

B1L000S, U19-ch59, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

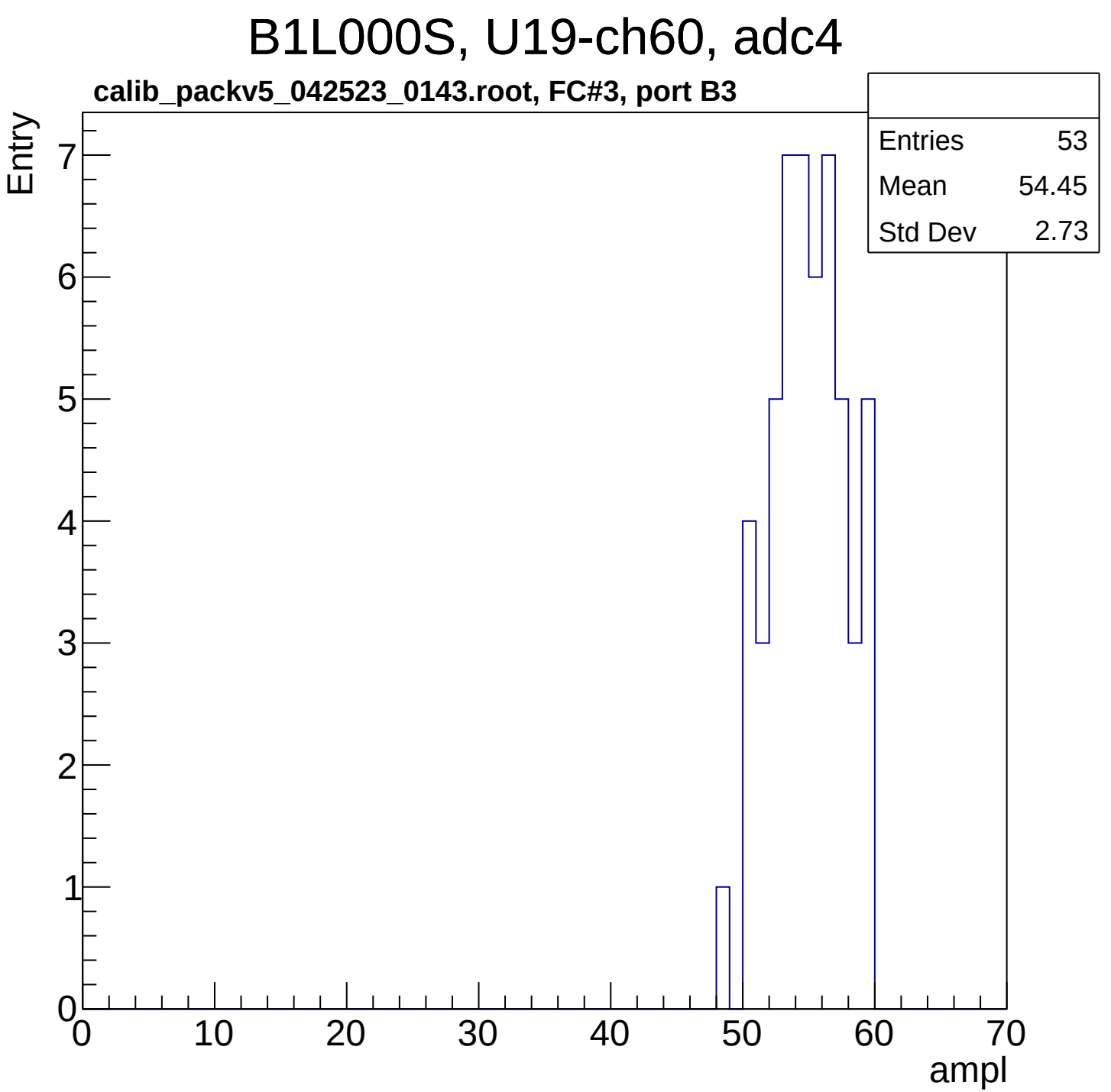

B1L000S, U19-ch59, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch60, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 29.8
Std Dev 3.392
Gaus mean : 30.3336
Gaus Width: 4.2906
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch60, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 36.27
Std Dev 3.308
Gaus mean : 36.4703
Gaus Width: 3.2773
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch60, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 42.98
Std Dev 2.857
Gaus mean : 43.0654
Gaus Width: 3.3737
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch60, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 48.58
Std Dev 2.976
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch60, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 54.45
Std Dev 2.73
Entry
ampl
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1
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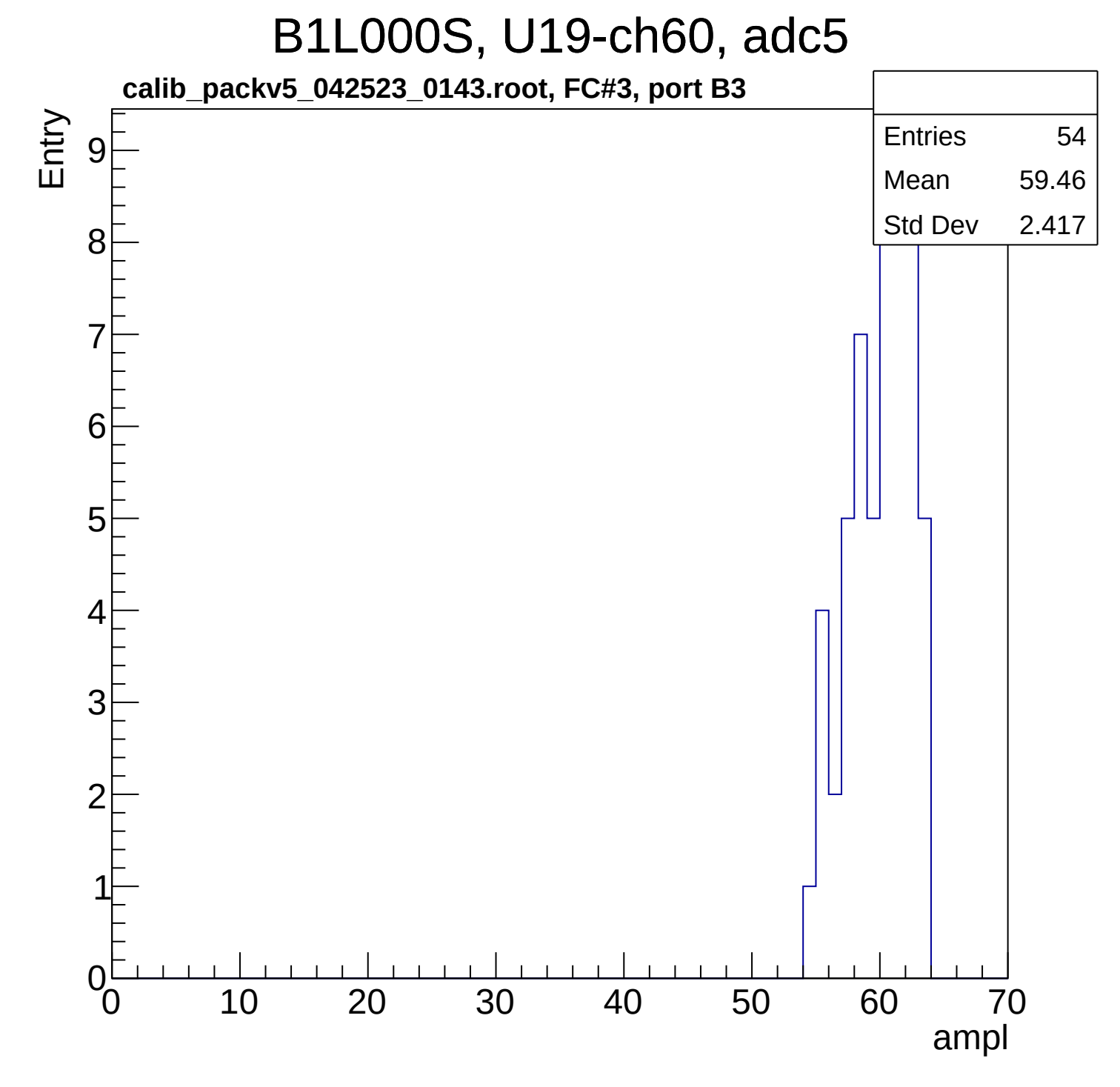
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U19-ch60, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 59.46
Std Dev 2.417
Entry
ampl
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3
4
5
6
7
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0
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60
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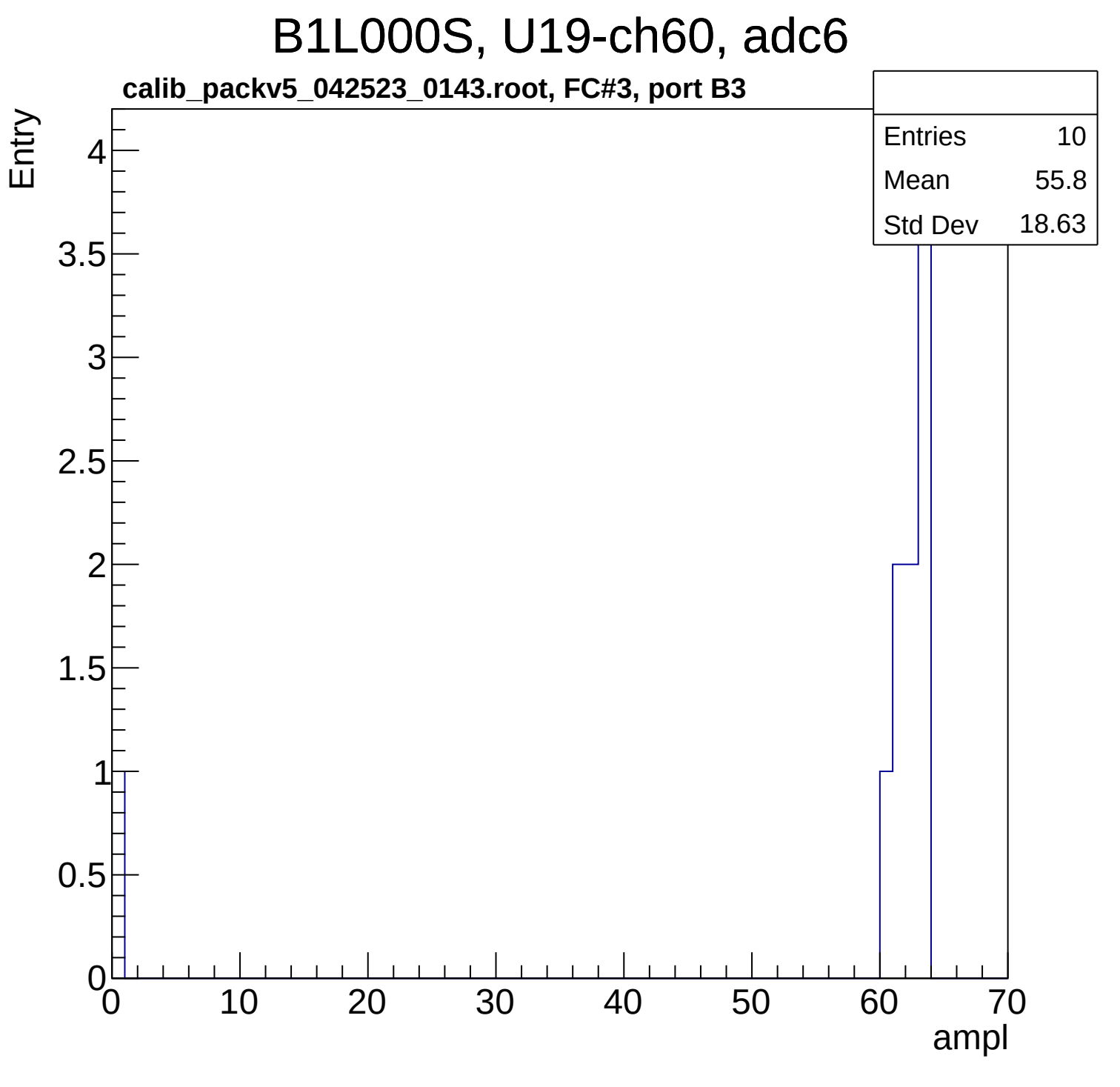
B1L000S, U19-ch60, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 10
Mean 55.8
Std Dev 18.63
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
4
0
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20
30
40
50
60
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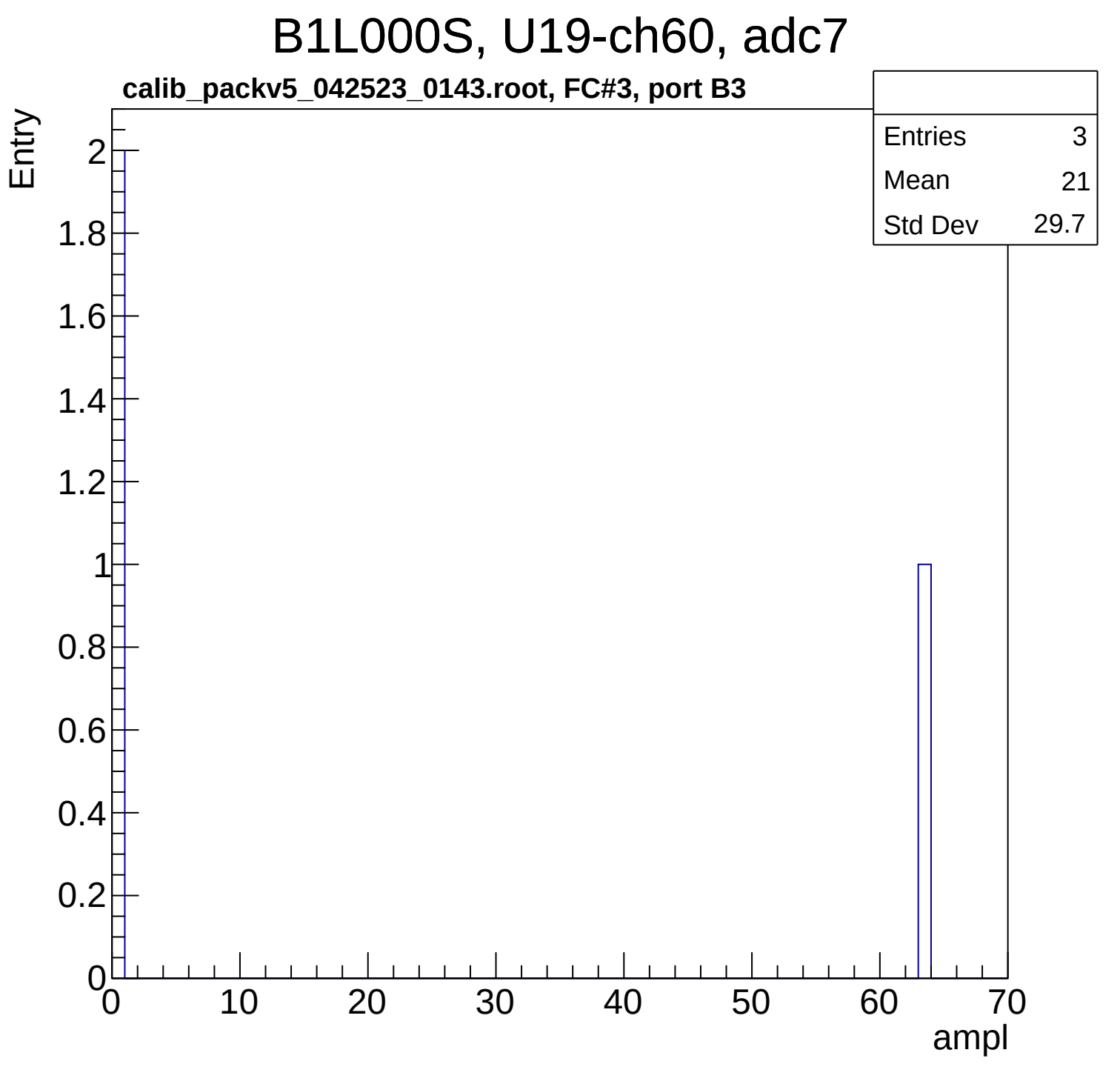
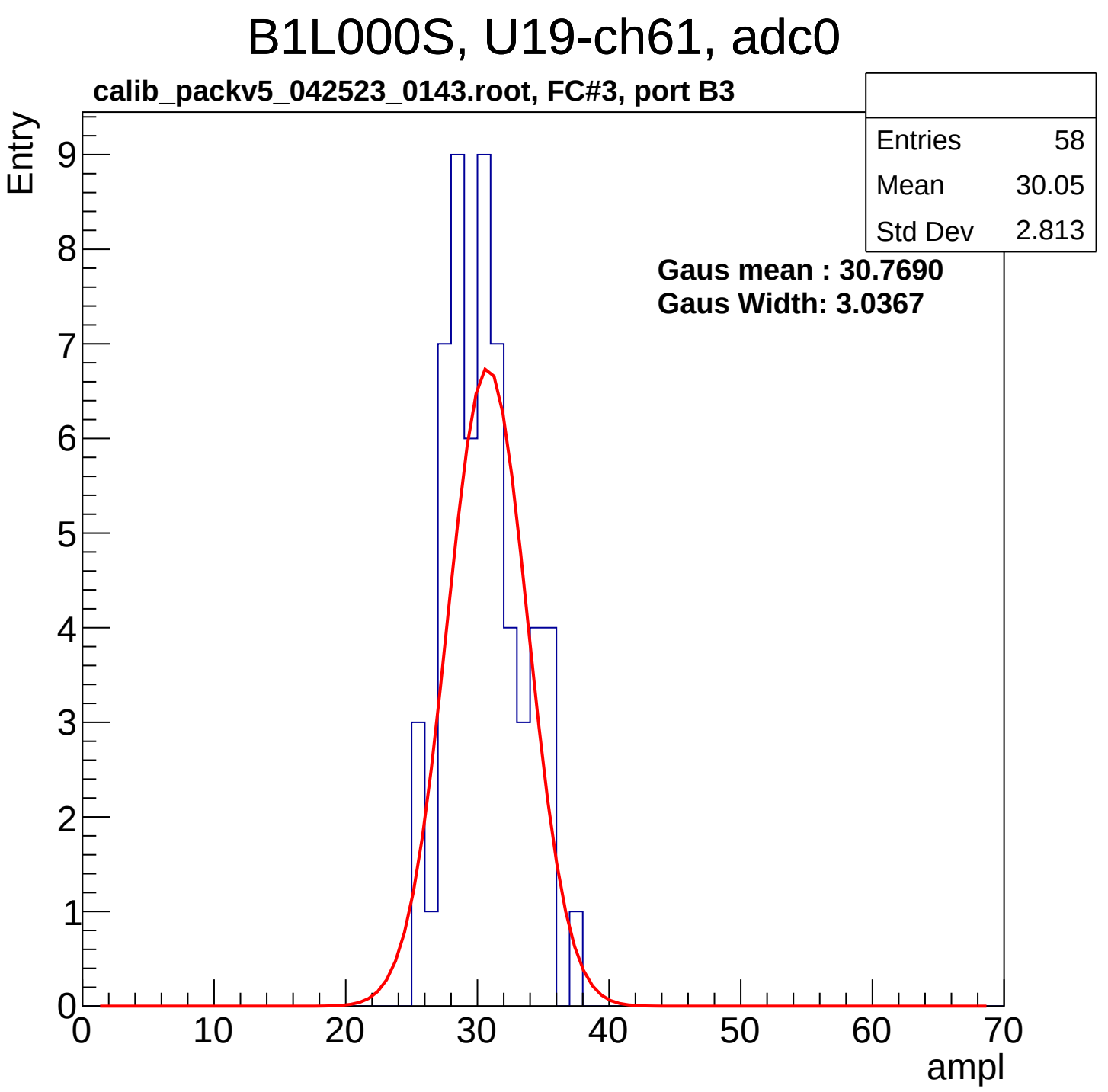
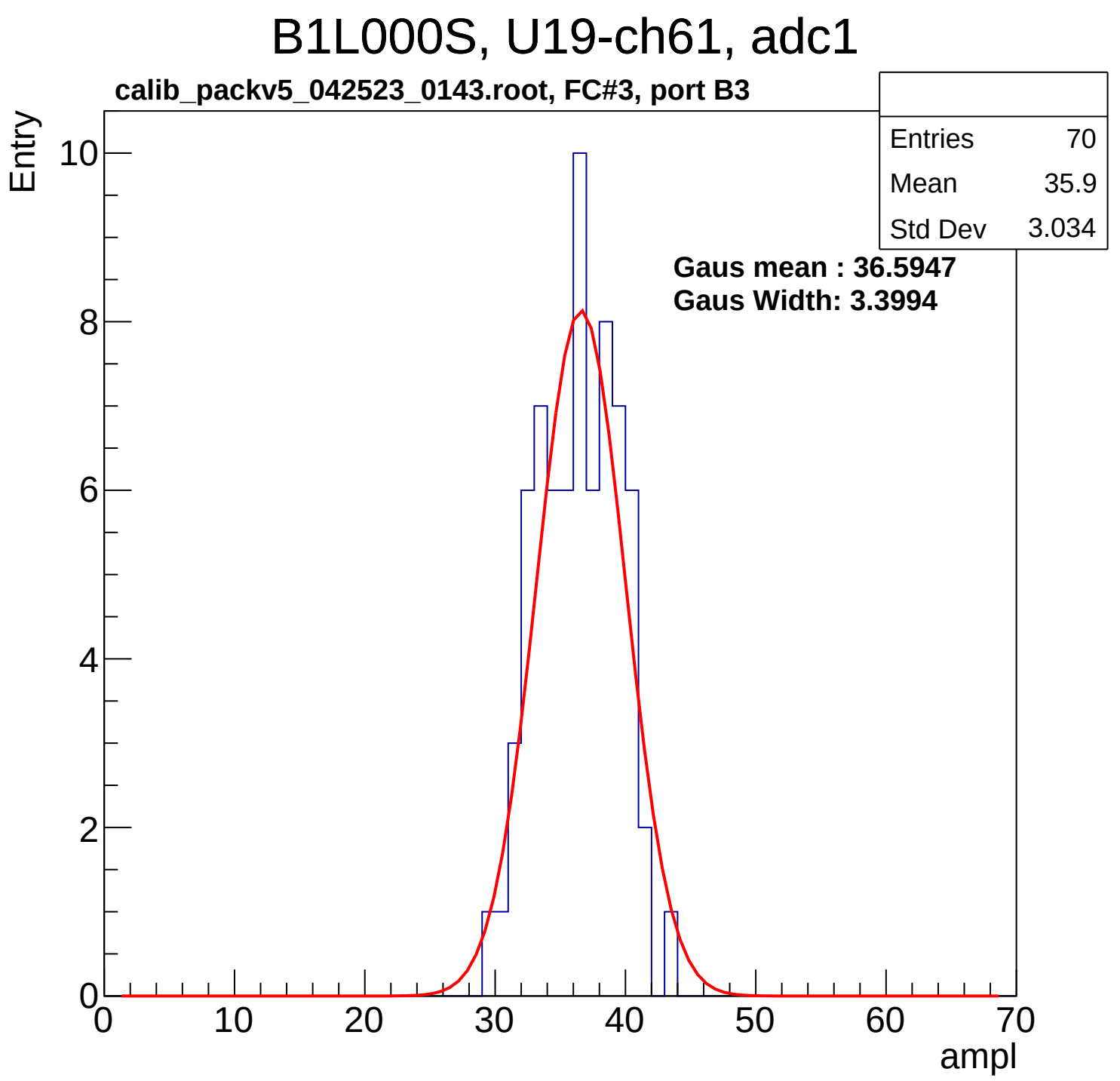
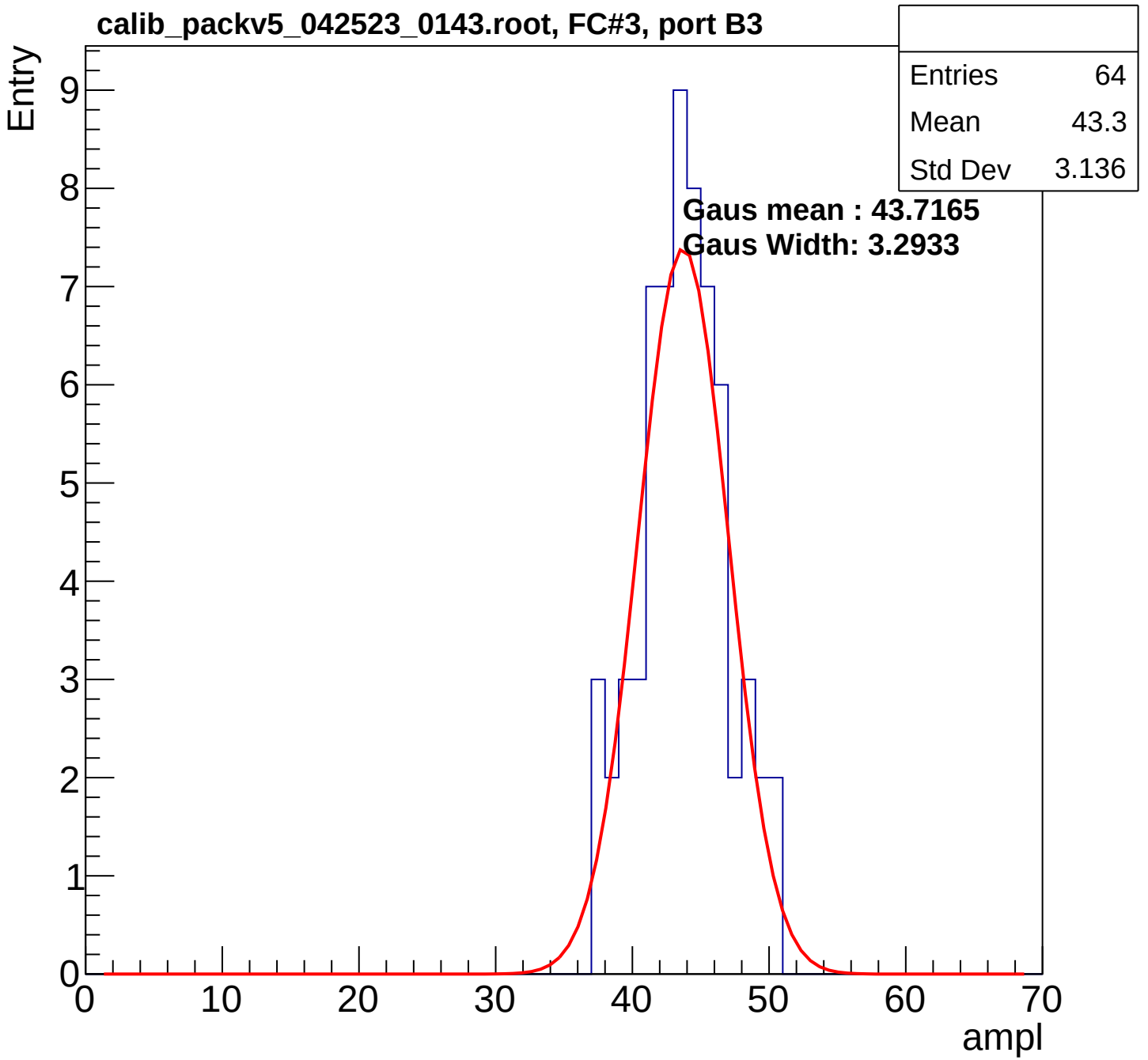

B1L000S, U19-ch60, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 21
Std Dev 29.7
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L000S, U19-ch61, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 30.05
Std Dev 2.813
Gaus mean : 30.7690
Gaus Width: 3.0367
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch61, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 35.9
Std Dev 3.034
Gaus mean : 36.5947
Gaus Width: 3.3994
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch61, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 43.3
Std Dev 3.136
Gaus mean : 43.7165
Gaus Width: 3.2933
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
30
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60
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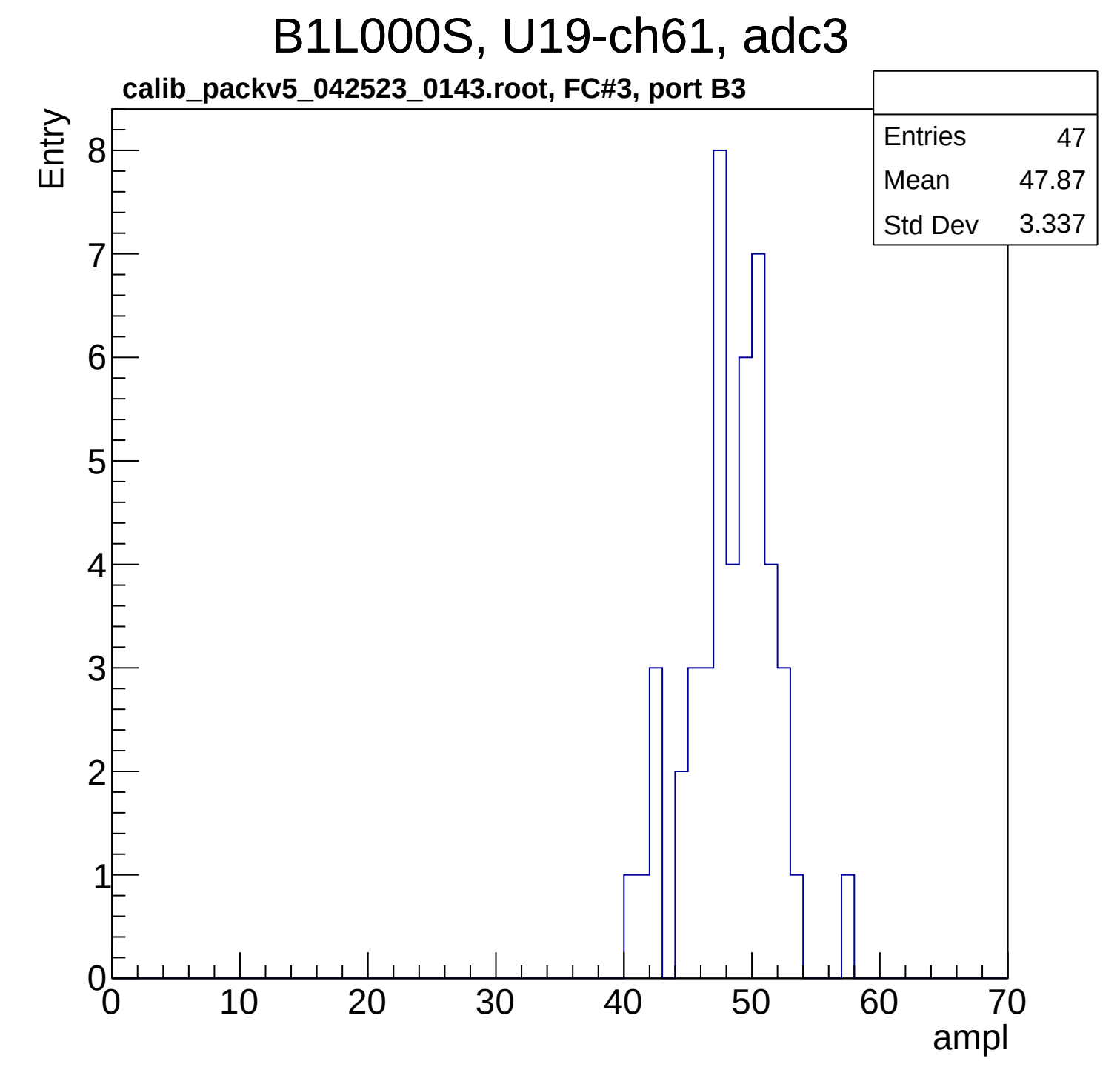
B1L000S, U19-ch61, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 47.87
Std Dev 3.337
Entry
ampl
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1
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3
4
5
6
7
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0
10
20
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40
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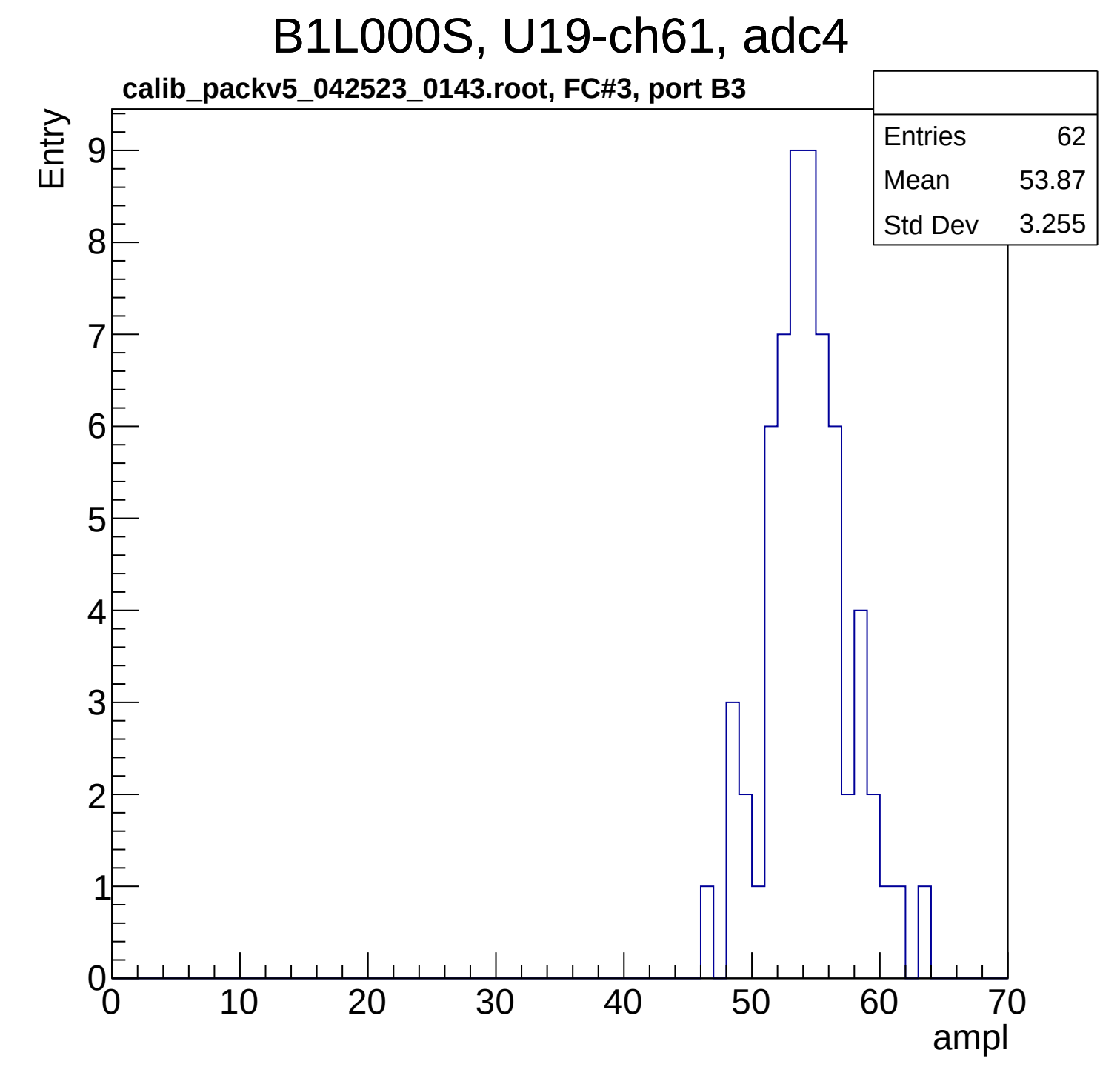
60
70


B1L000S, U19-ch61, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 53.87
Std Dev 3.255
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
30
40
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60
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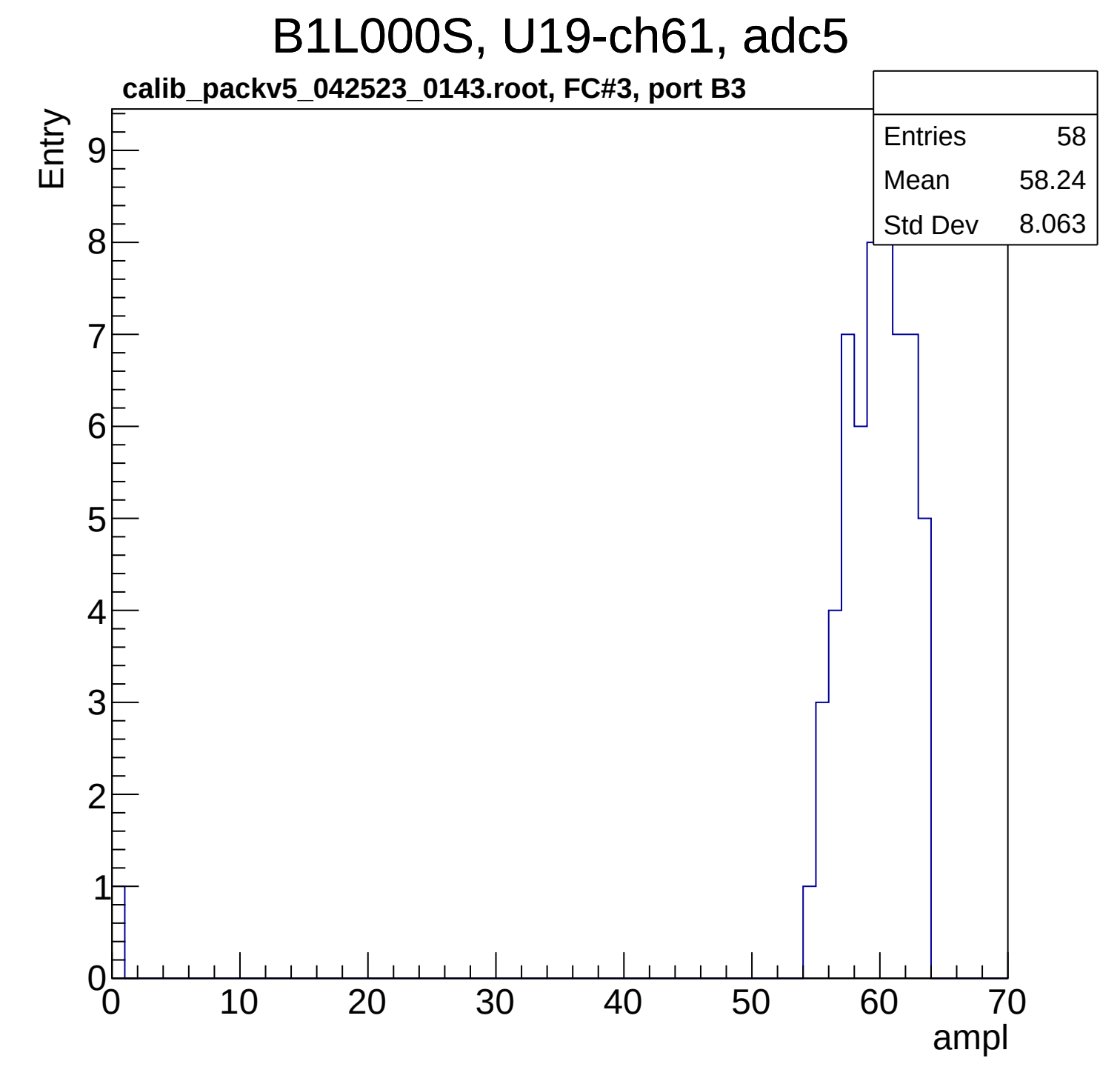
B1L000S, U19-ch61, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 58.24
Std Dev 8.063
Entry
ampl
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3
4
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7
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0
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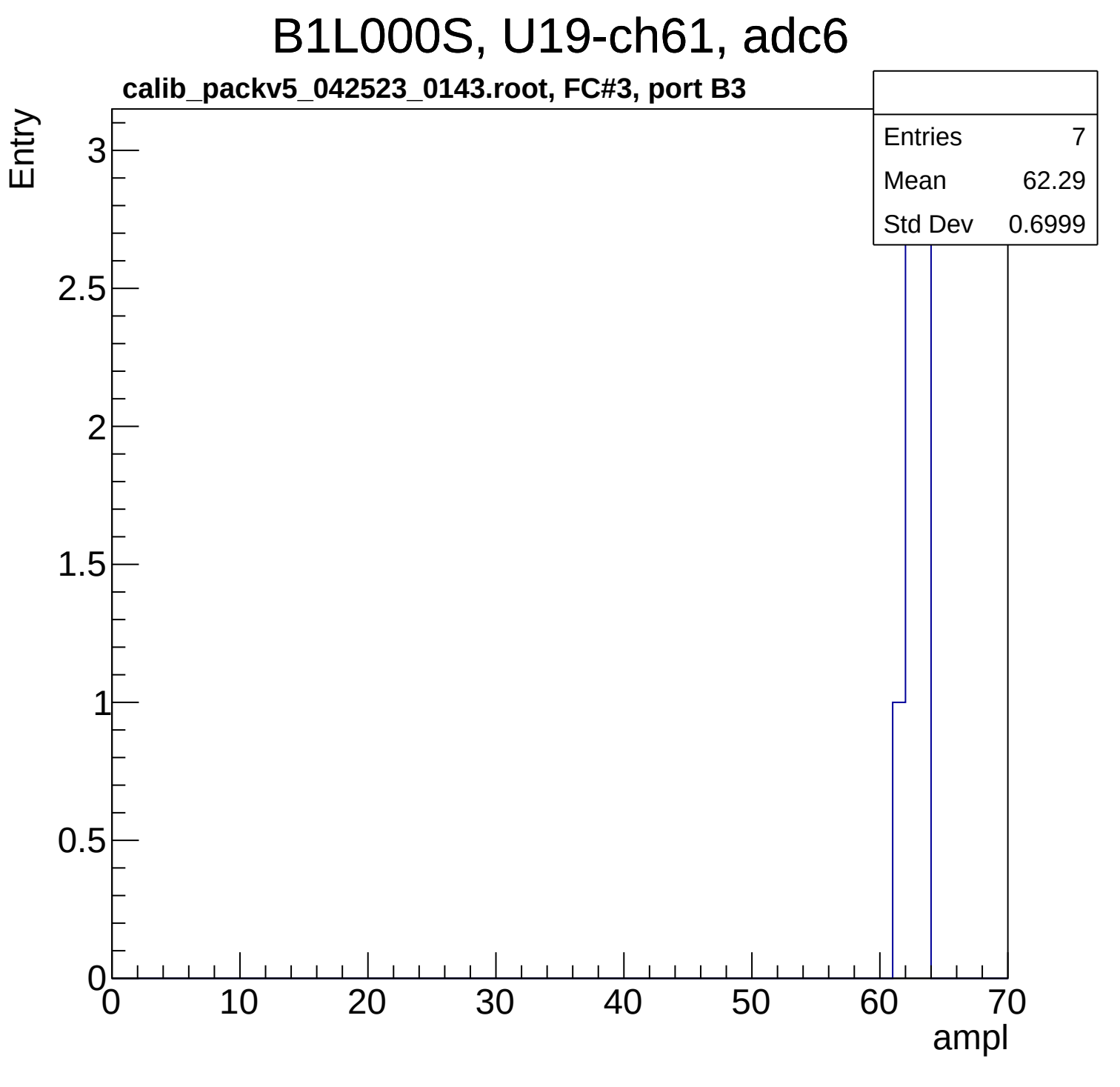
B1L000S, U19-ch61, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 7
Mean 62.29
Std Dev 0.6999
Entry
ampl
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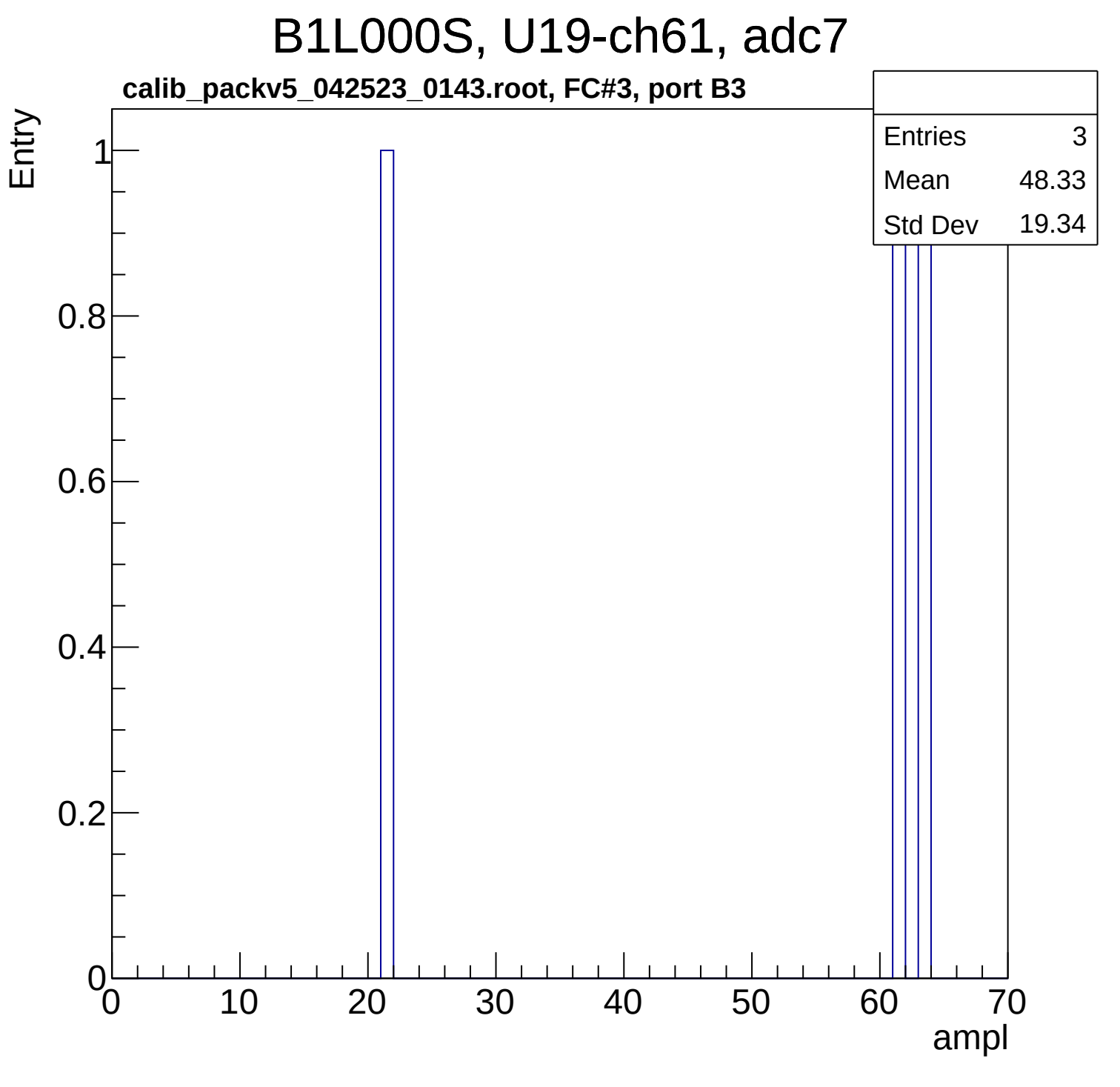
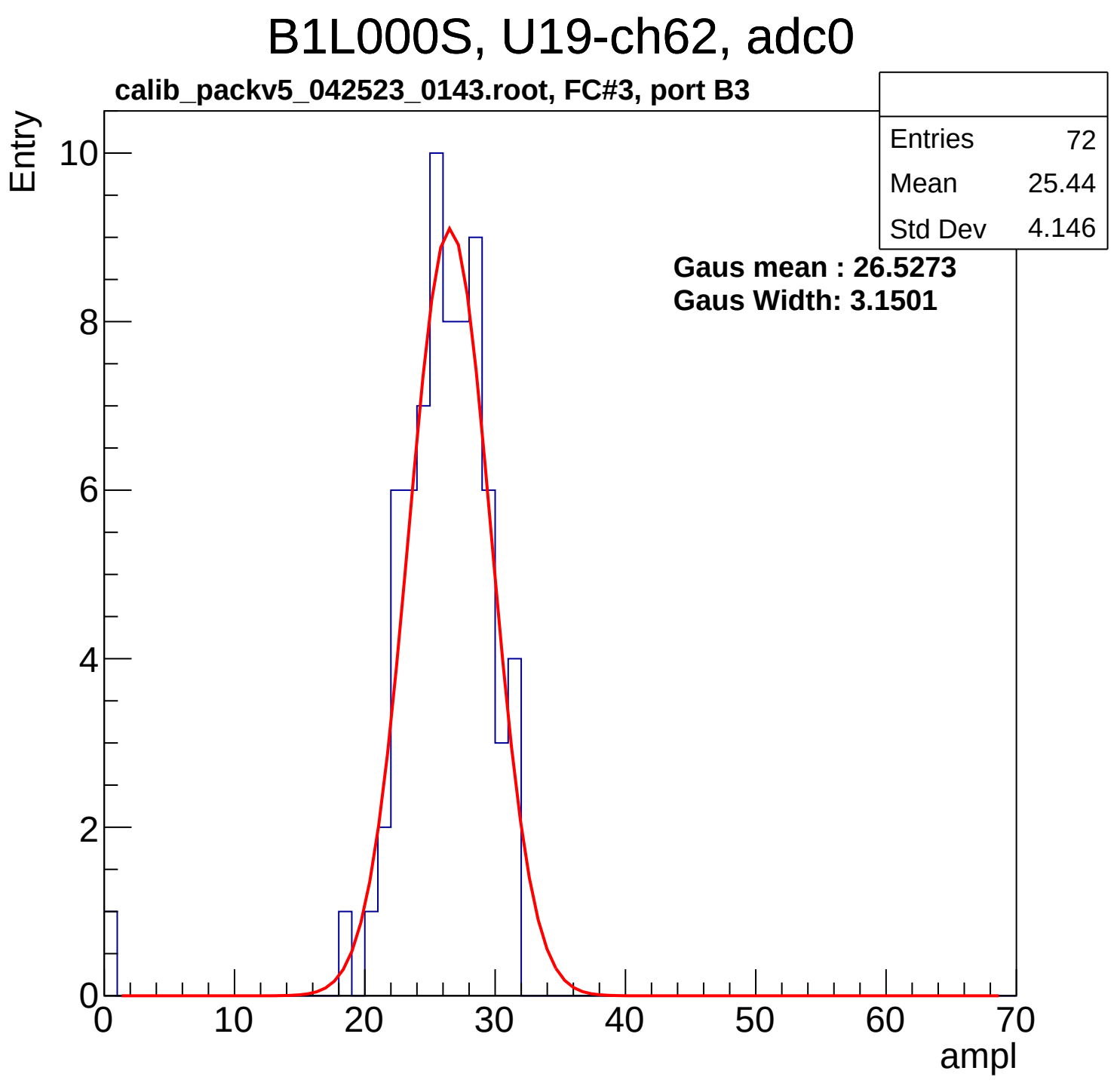
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U19-ch61, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 48.33
Std Dev 19.34
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L000S, U19-ch62, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 25.44
Std Dev 4.146
Gaus mean : 26.5273
Gaus Width: 3.1501
Entry
ampl
0
2
4
6
8
10
0
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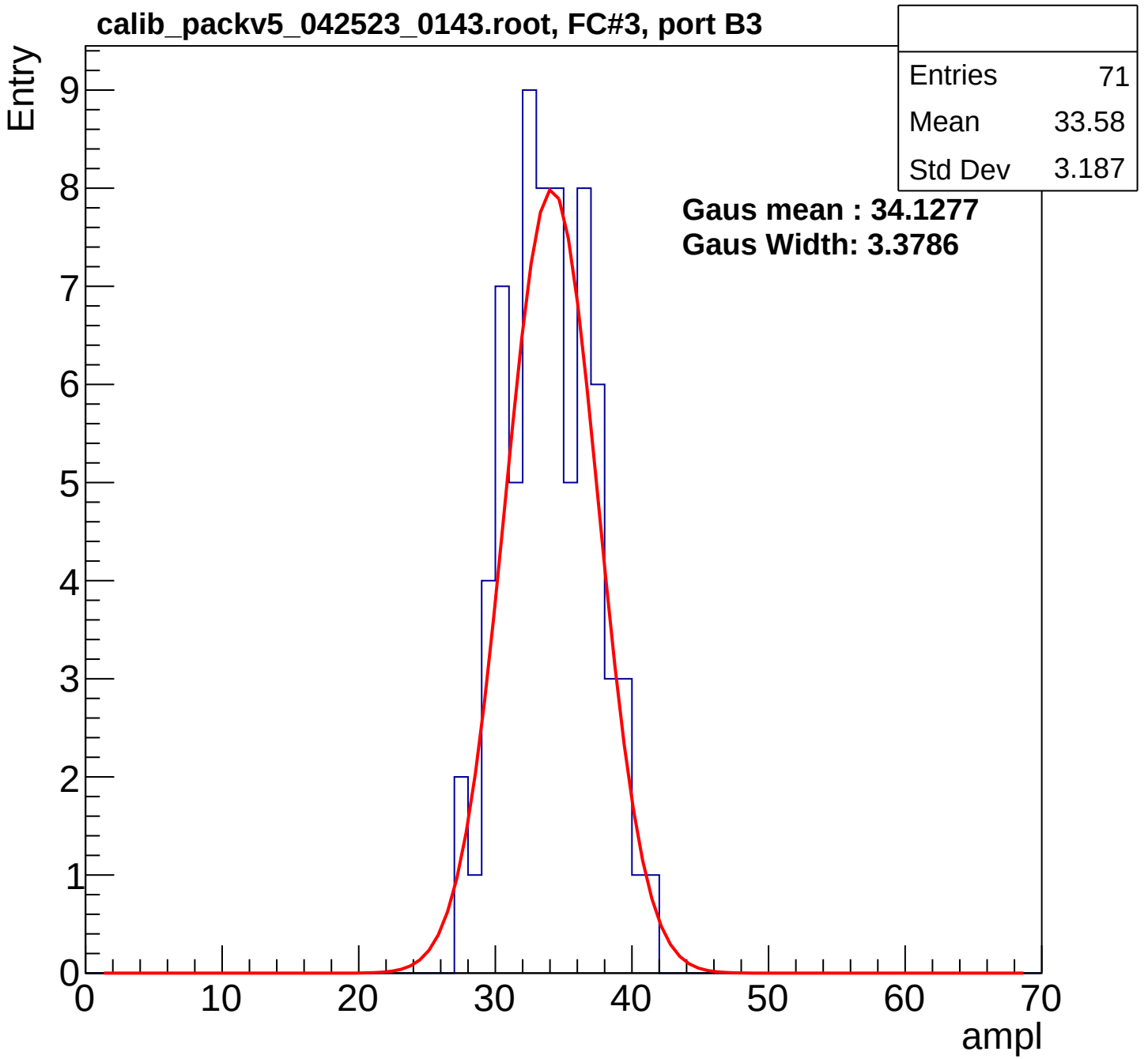
B1L000S, U19-ch62, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 33.58
Std Dev 3.187
Gaus mean : 34.1277
Gaus Width: 3.3786
Entry
ampl
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2
3
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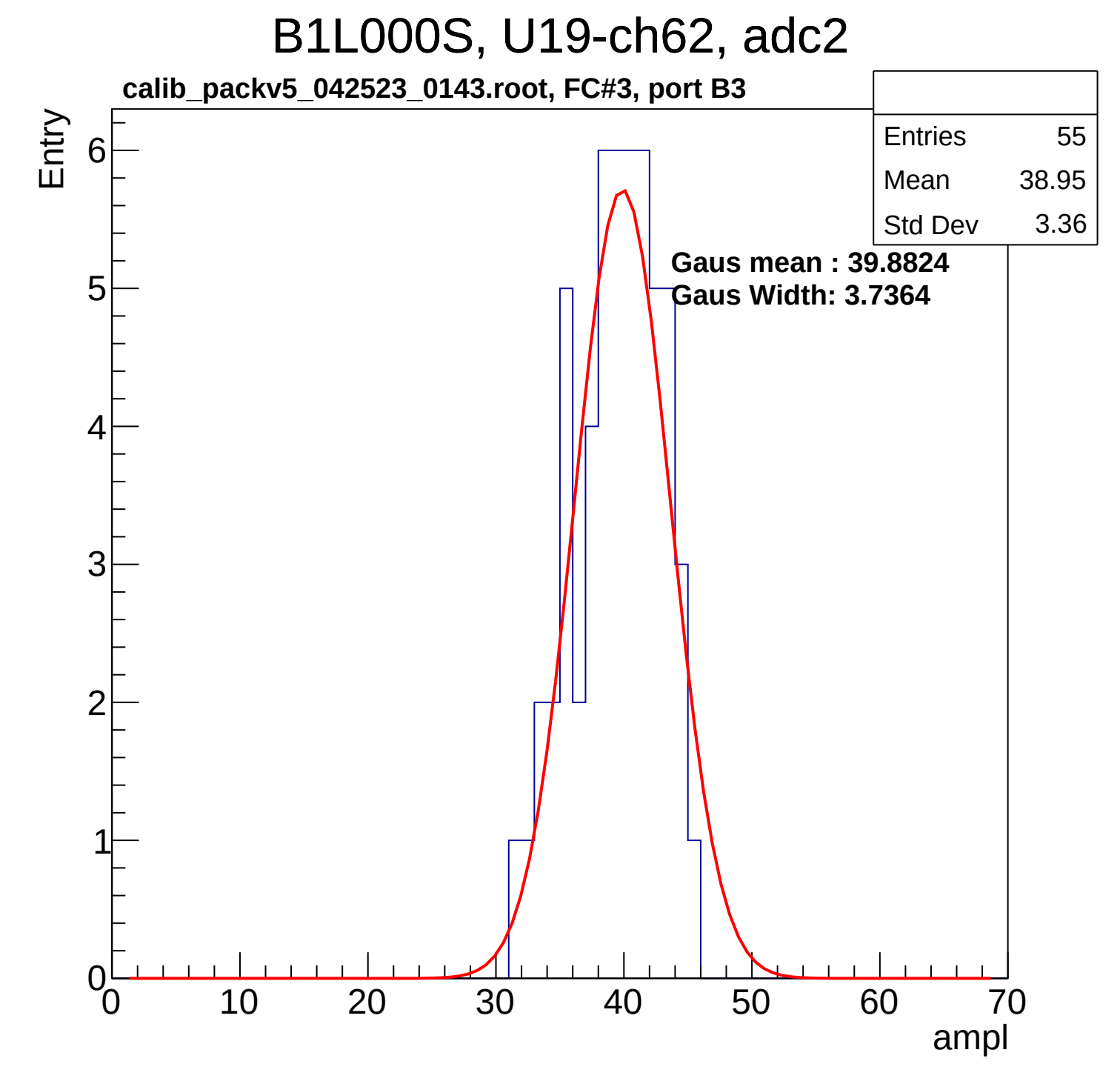
B1L000S, U19-ch62, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 38.95
Std Dev 3.36
Gaus mean : 39.8824
Gaus Width: 3.7364
Entry
ampl
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3
4
5
6
0
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60
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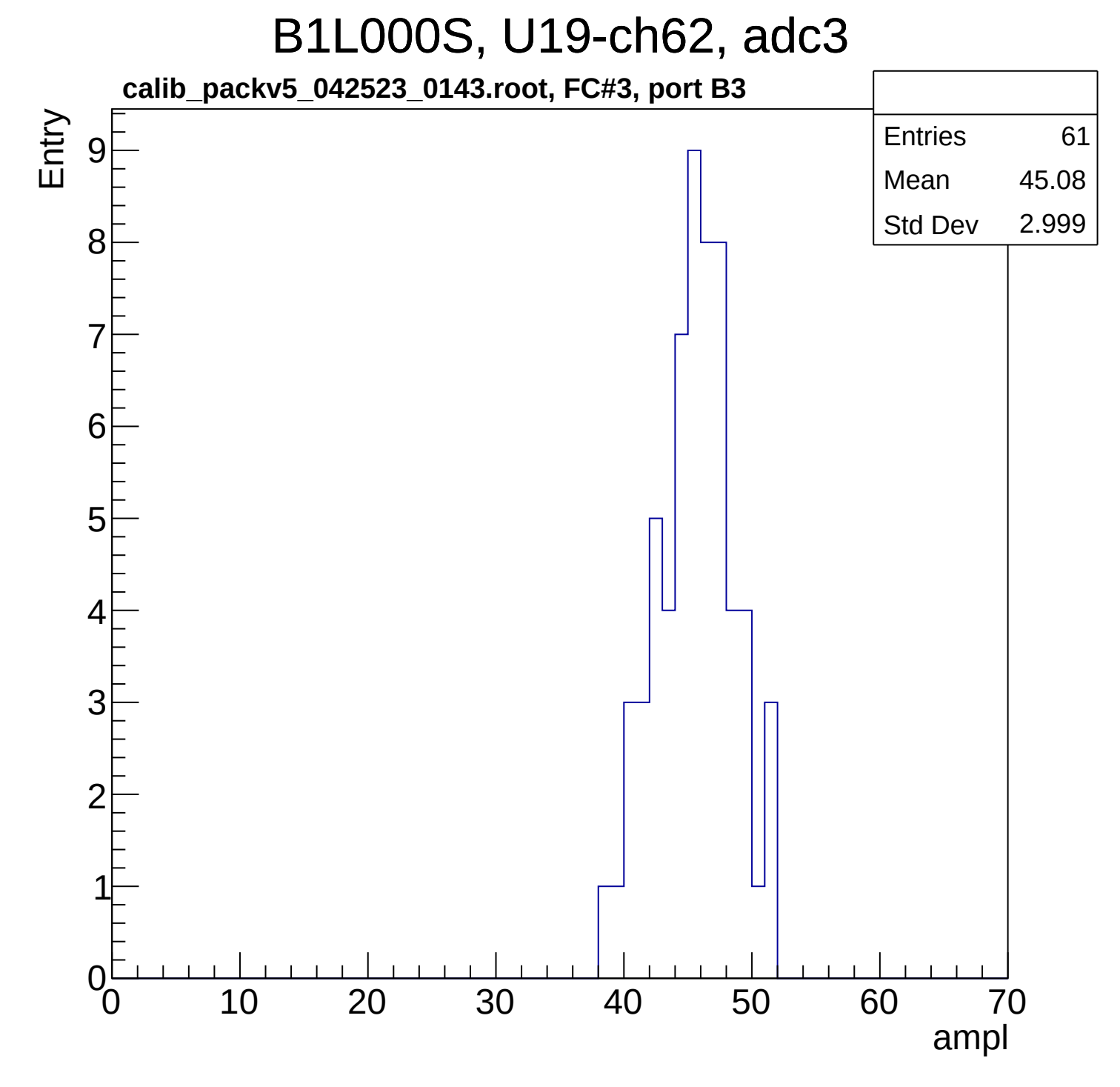
B1L000S, U19-ch62, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 45.08
Std Dev 2.999
Entry
ampl
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3
4
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6
7
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0
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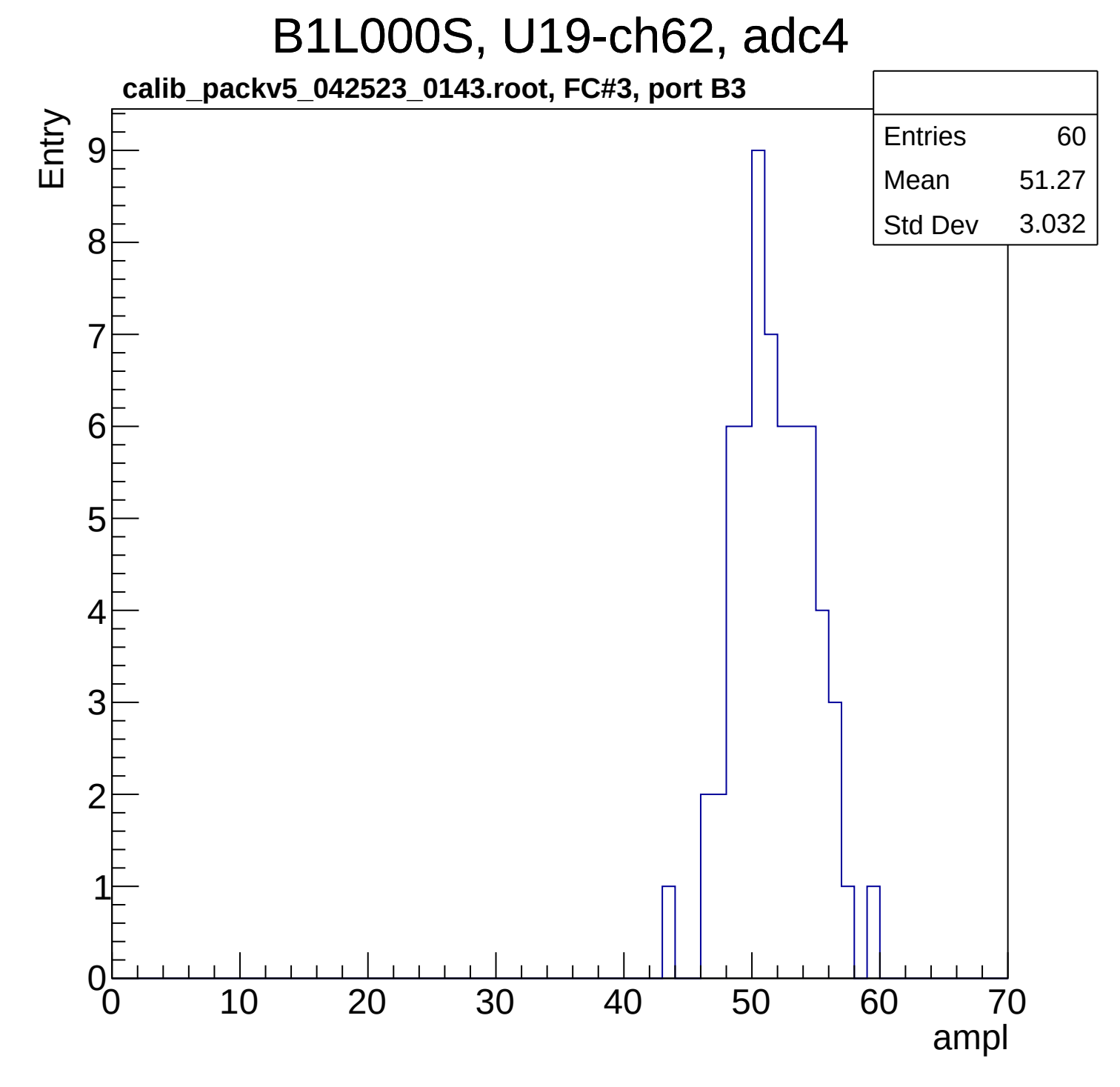
B1L000S, U19-ch62, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 51.27
Std Dev 3.032
Entry
ampl
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2
3
4
5
6
7
8
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0
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60
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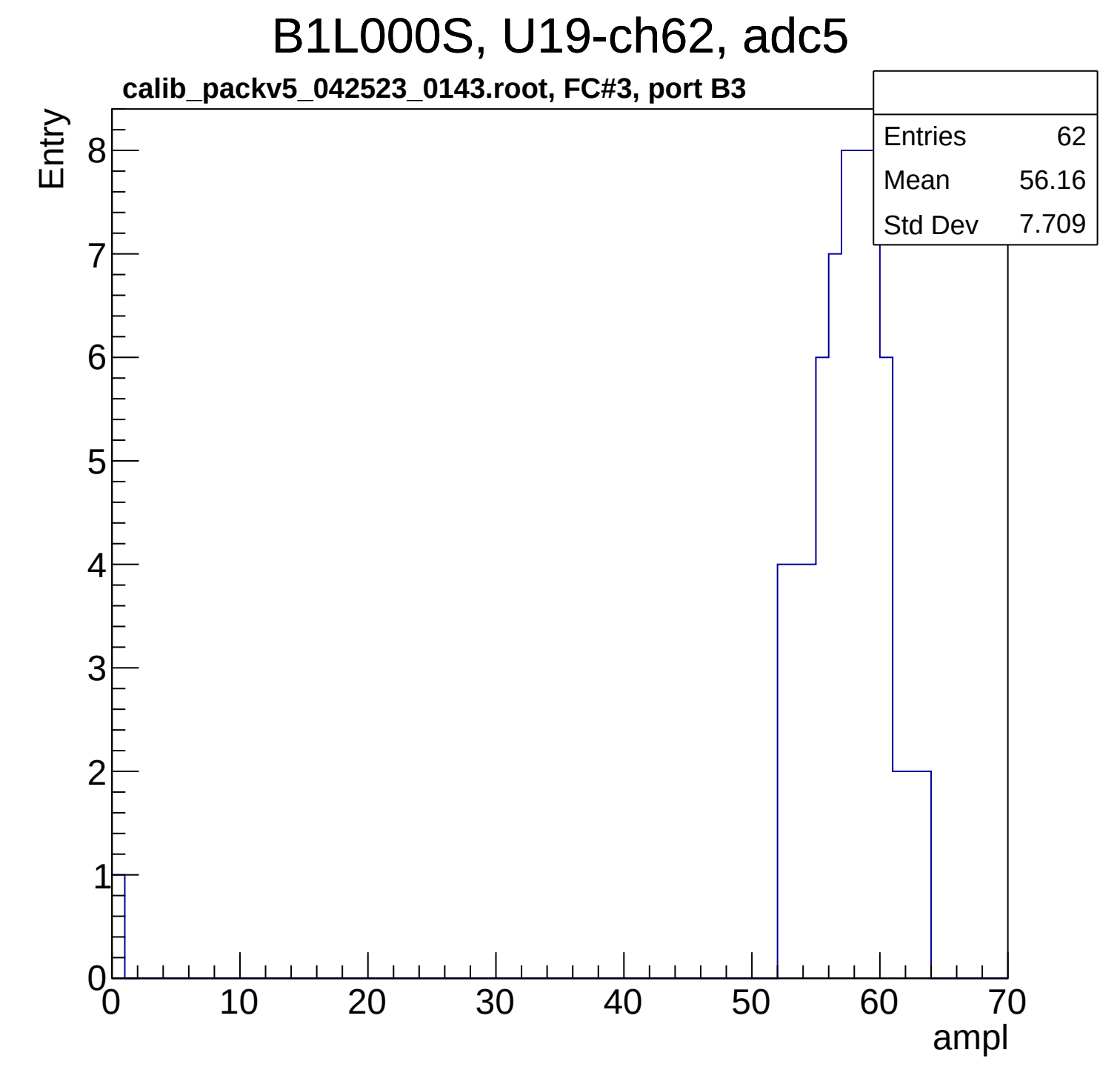
B1L000S, U19-ch62, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 56.16
Std Dev 7.709
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
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60
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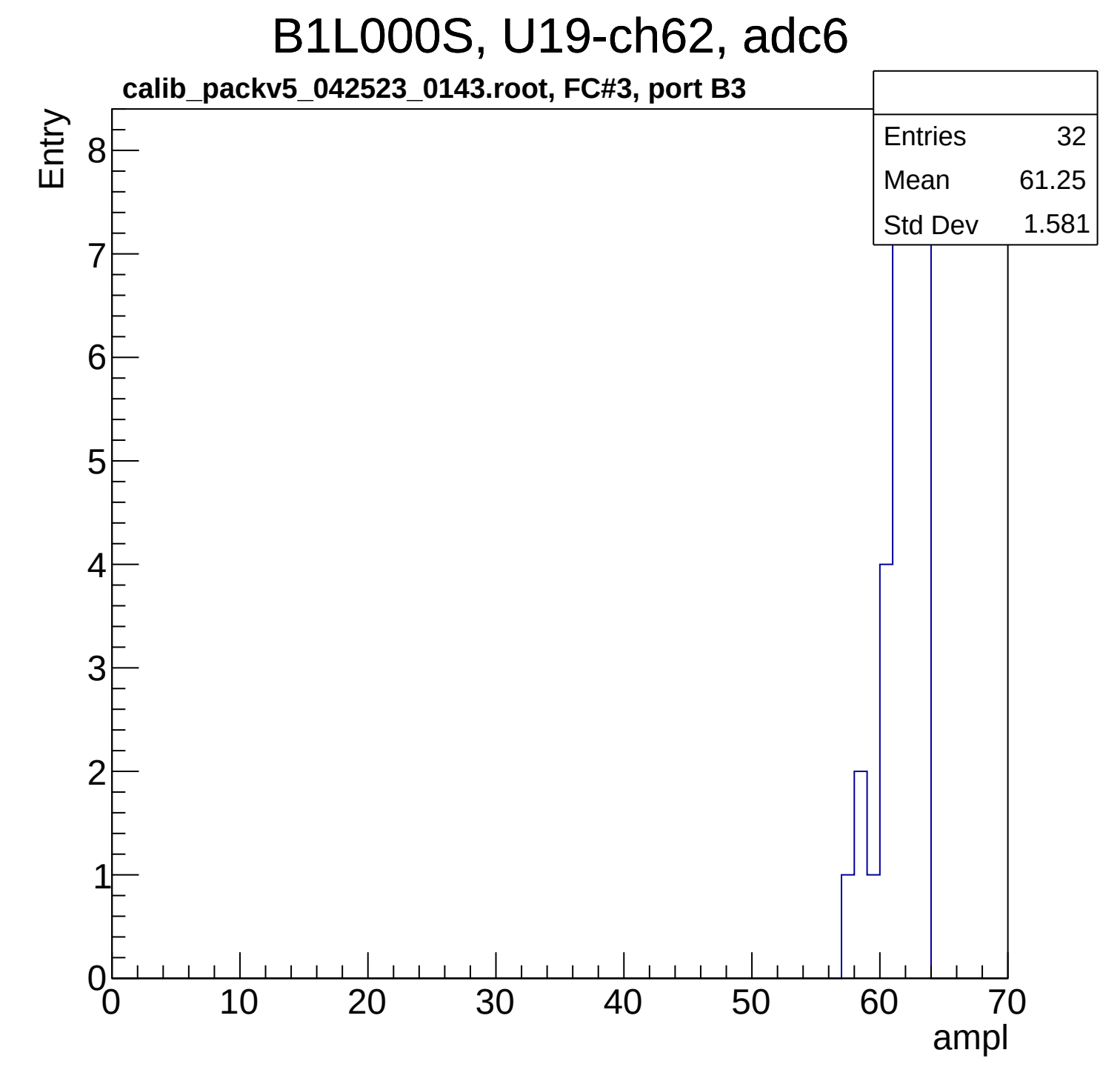
B1L000S, U19-ch62, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 32
Mean 61.25
Std Dev 1.581
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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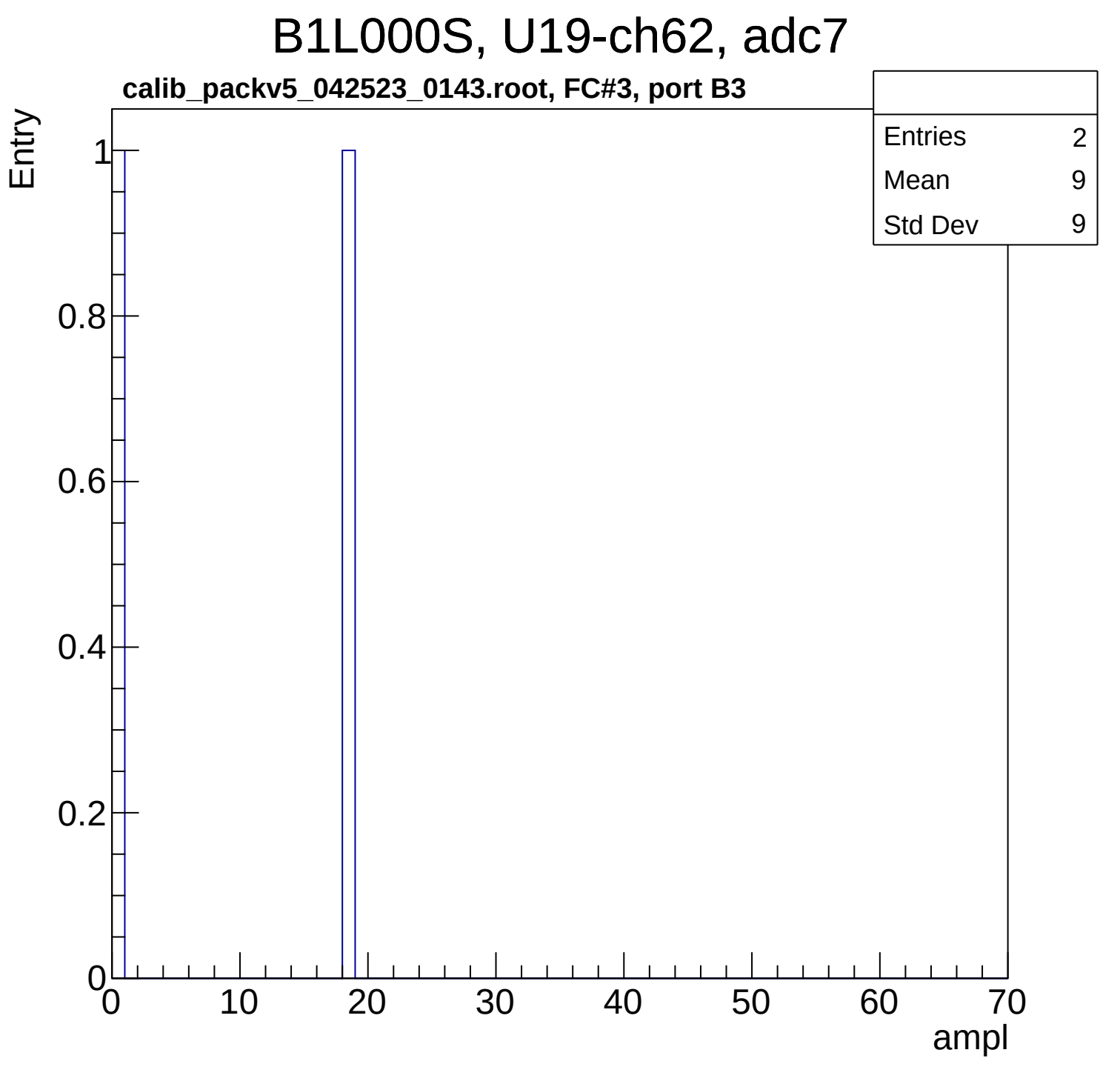
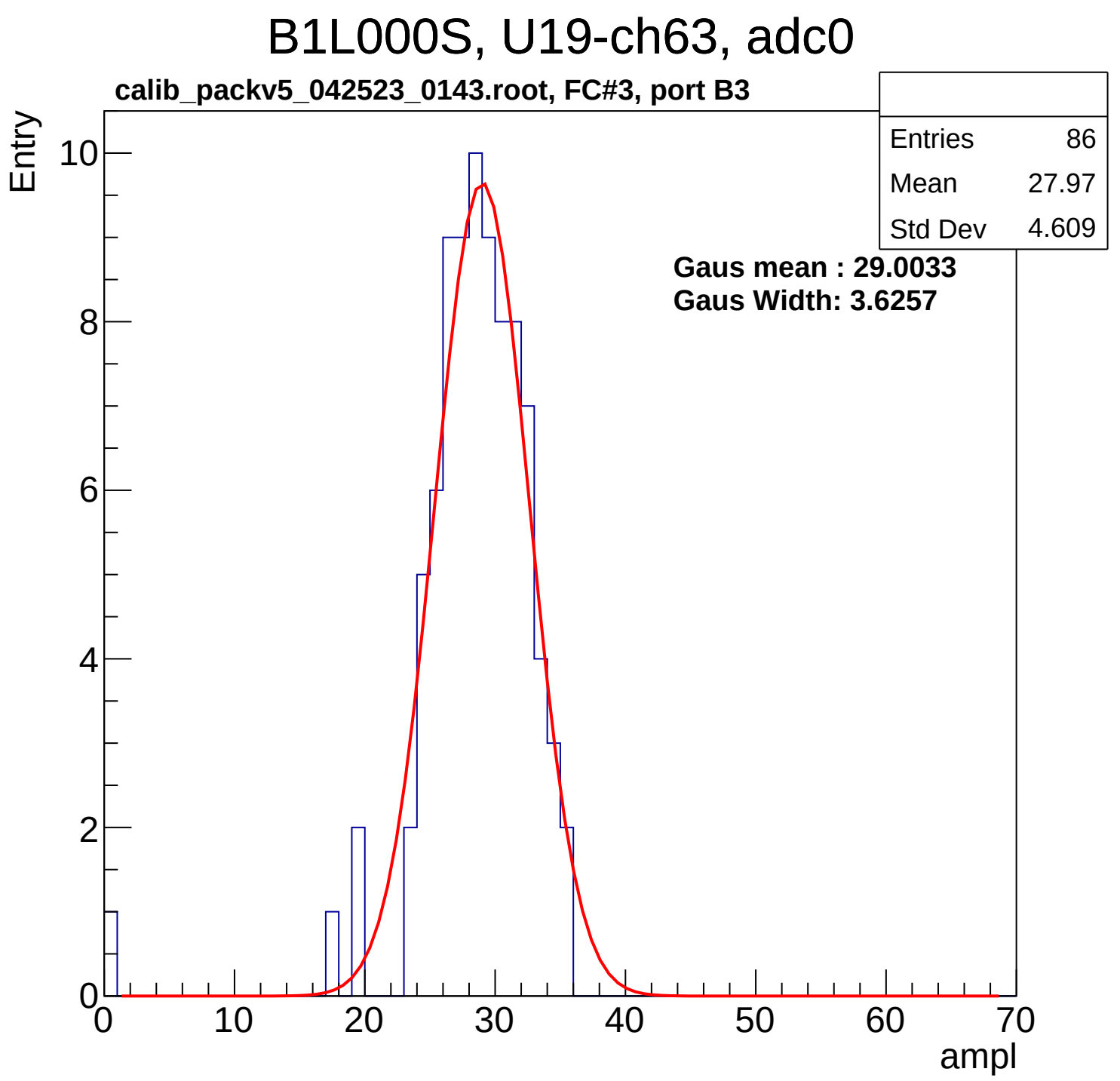
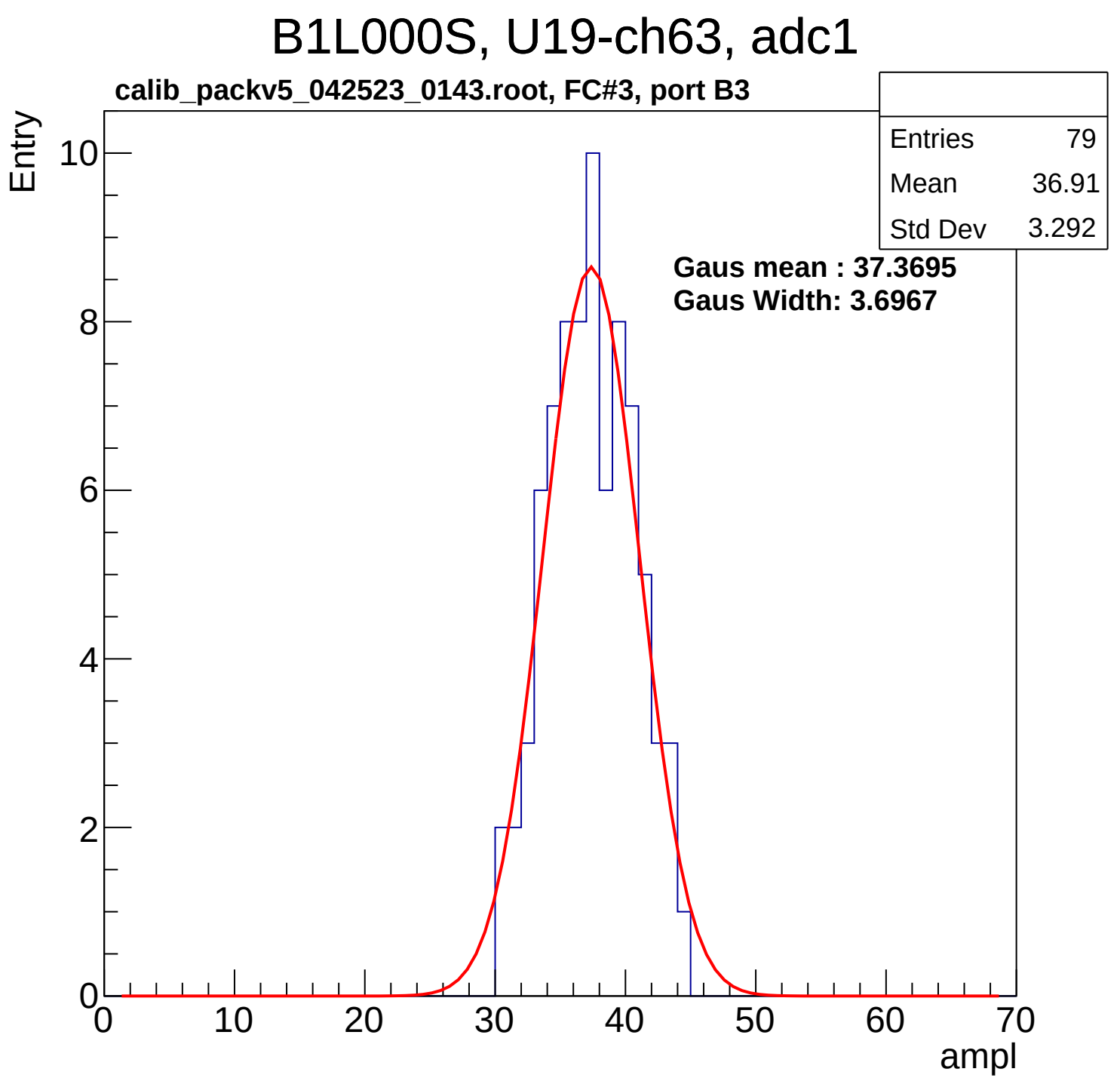
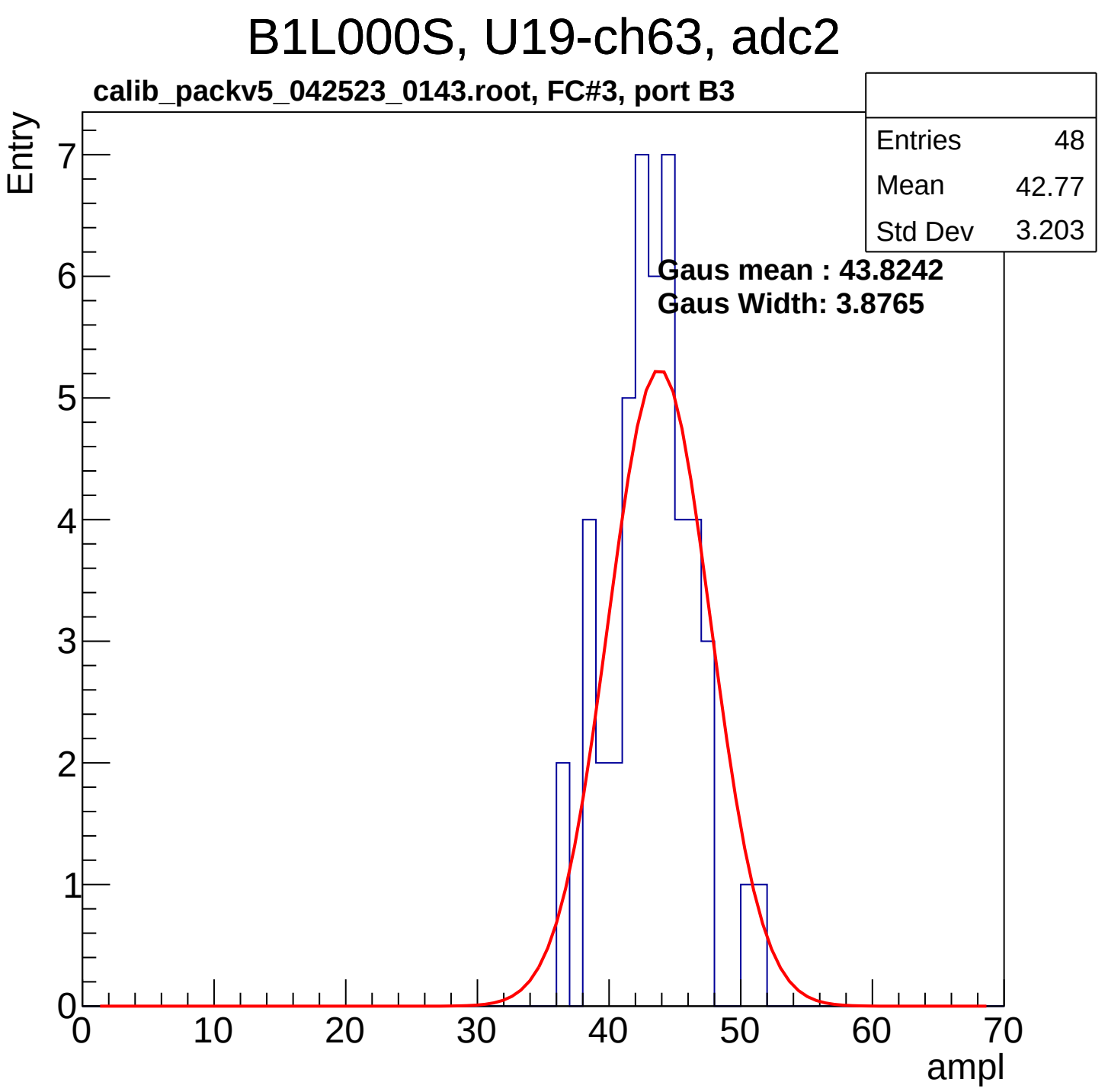

B1L000S, U19-ch62, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 9
Std Dev 9
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch63, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 86
Mean 27.97
Std Dev 4.609
Gaus mean : 29.0033
Gaus Width: 3.6257
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch63, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 36.91
Std Dev 3.292
Gaus mean : 37.3695
Gaus Width: 3.6967
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch63, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 42.77
Std Dev 3.203
Gaus mean : 43.8242
Gaus Width: 3.8765
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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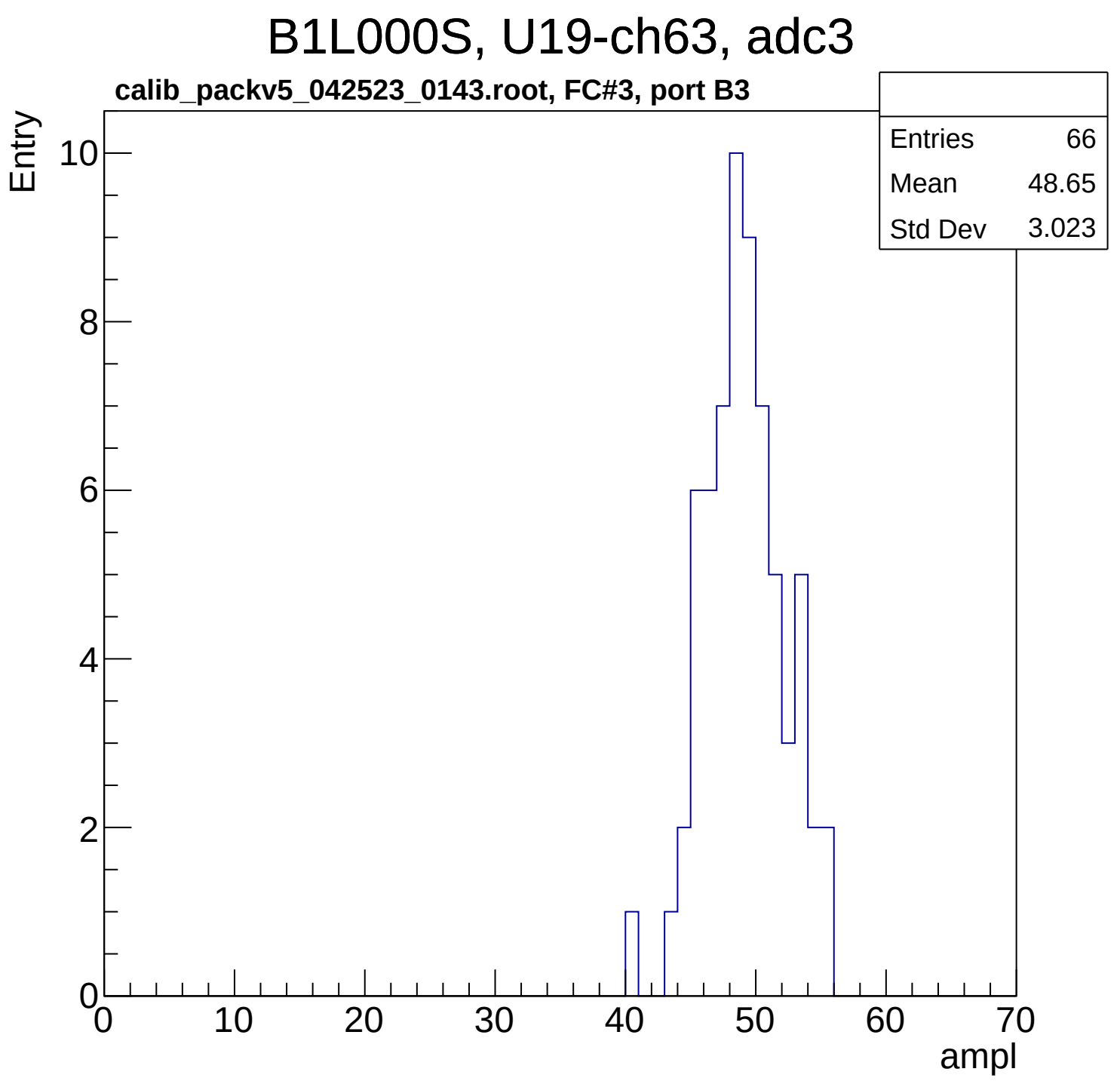
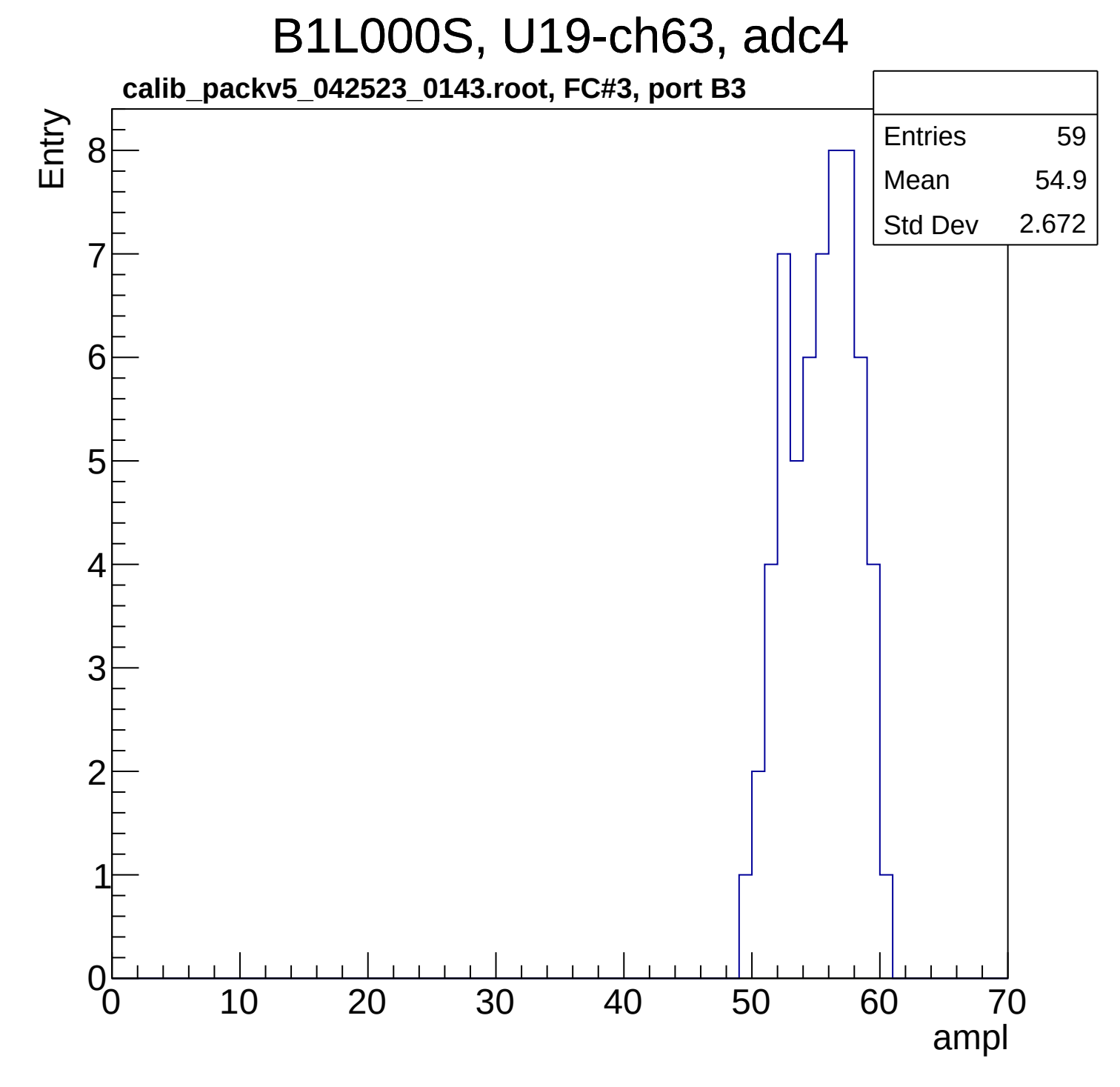
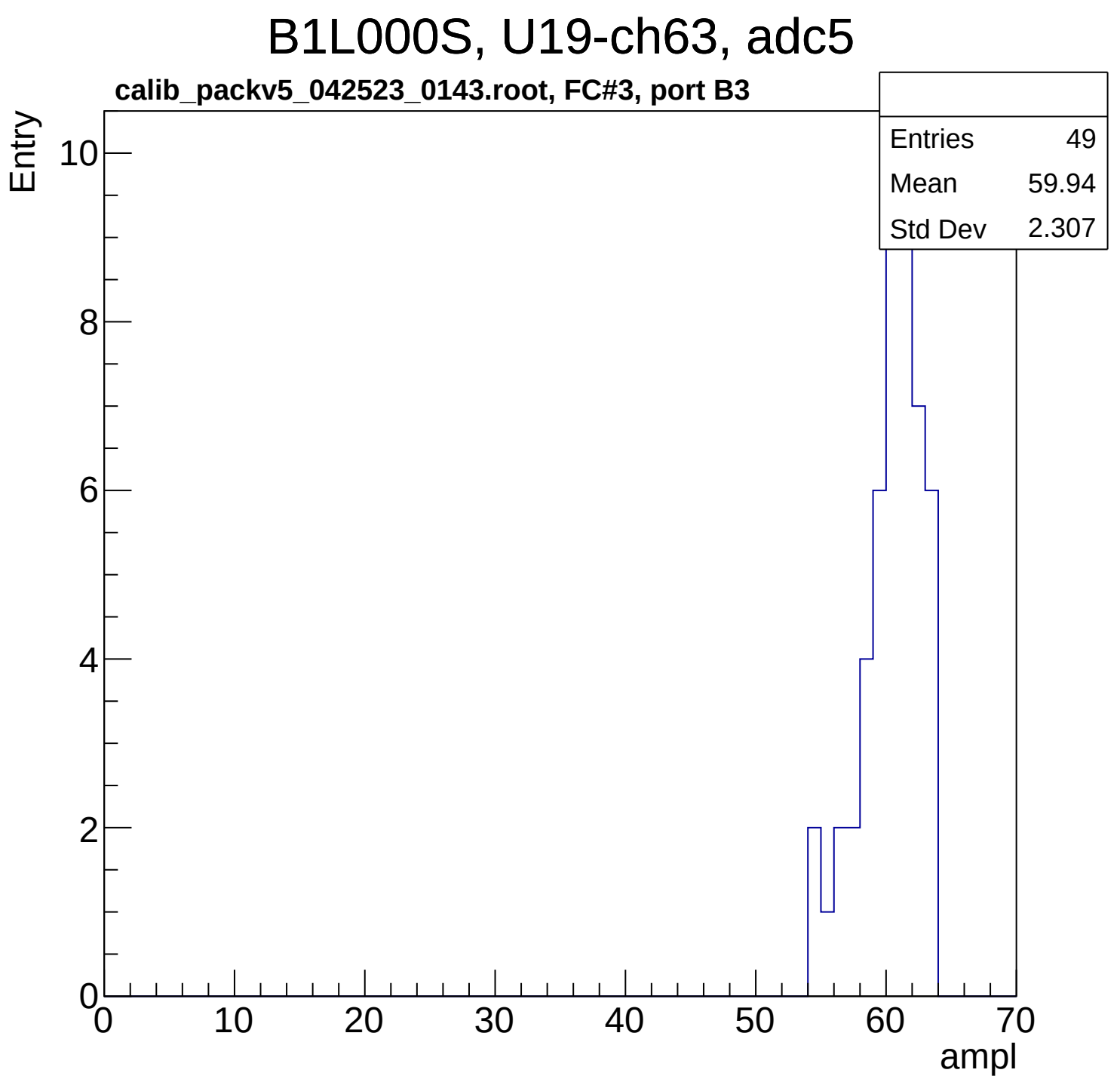

B1L000S, U19-ch63, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 48.65
Std Dev 3.023
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch63, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 54.9
Std Dev 2.672
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch63, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 59.94
Std Dev 2.307
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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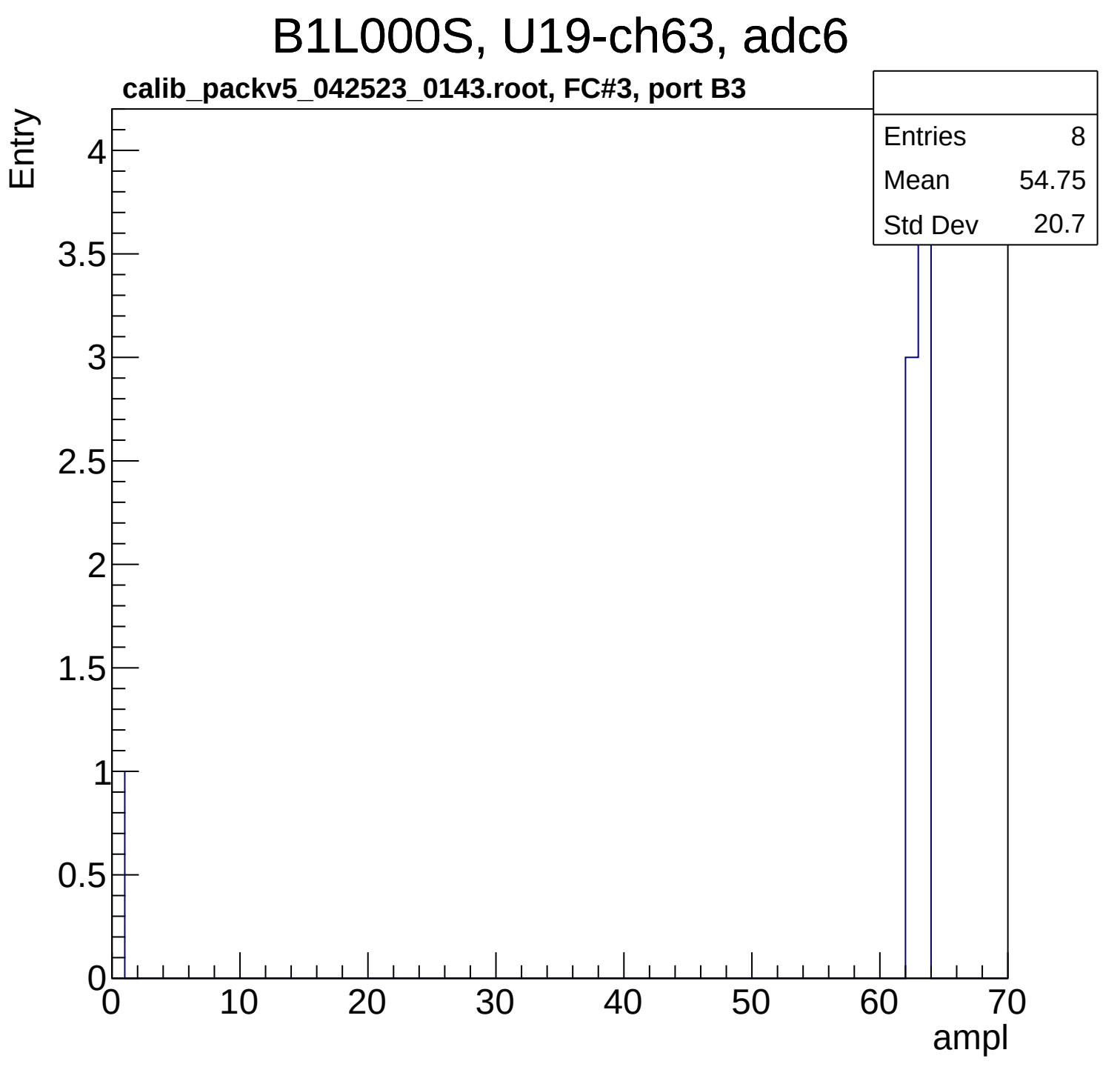
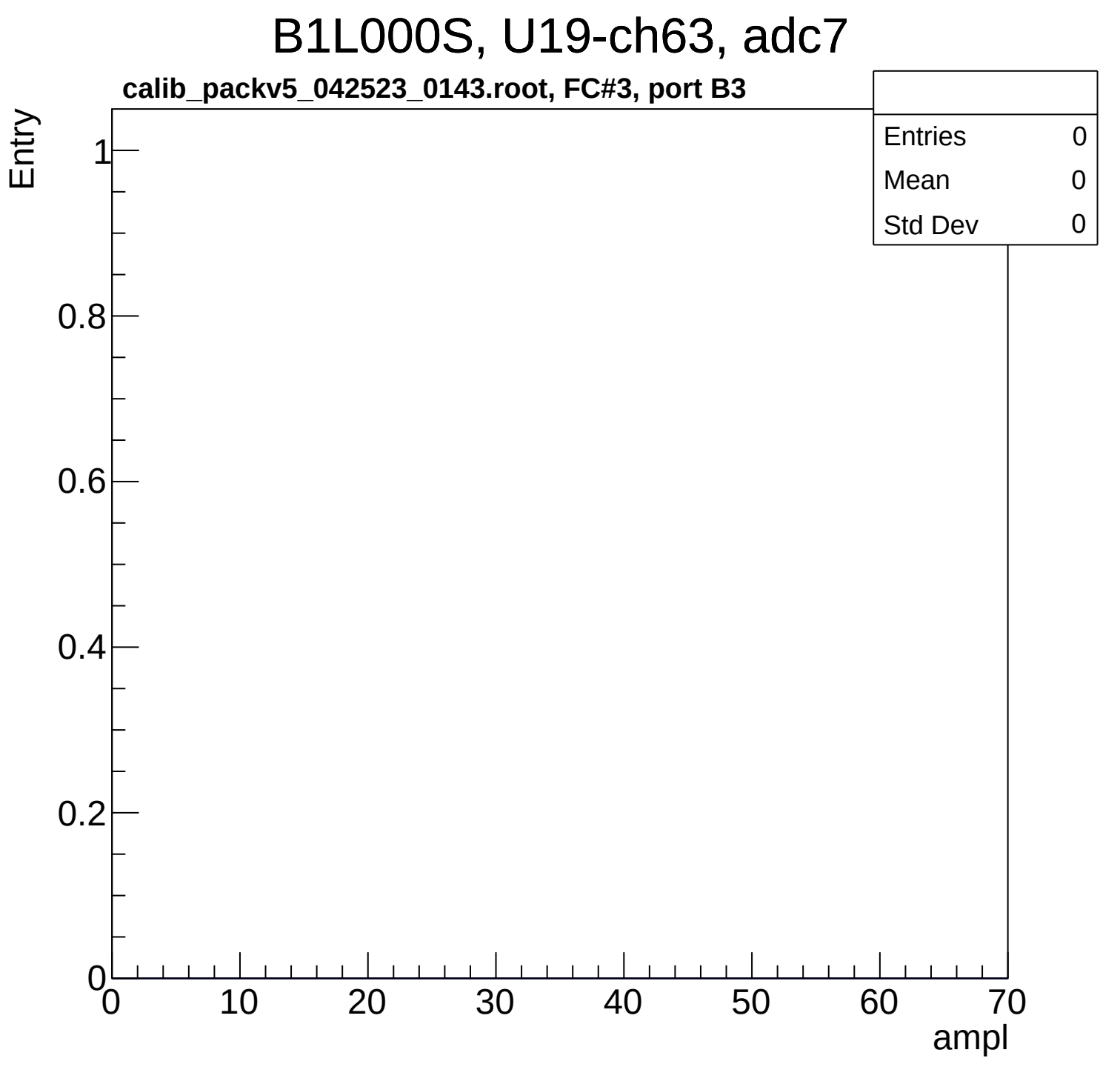
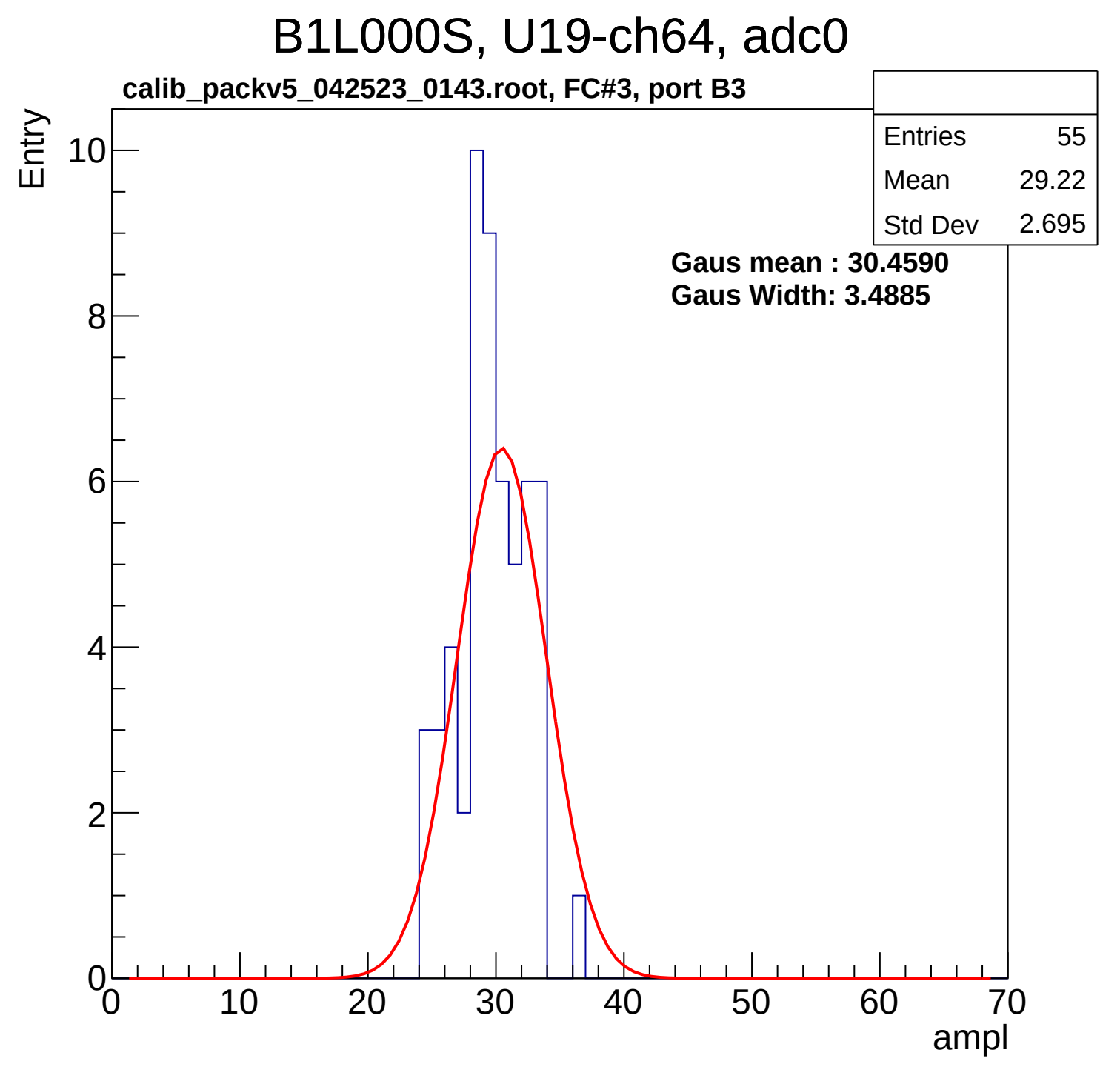
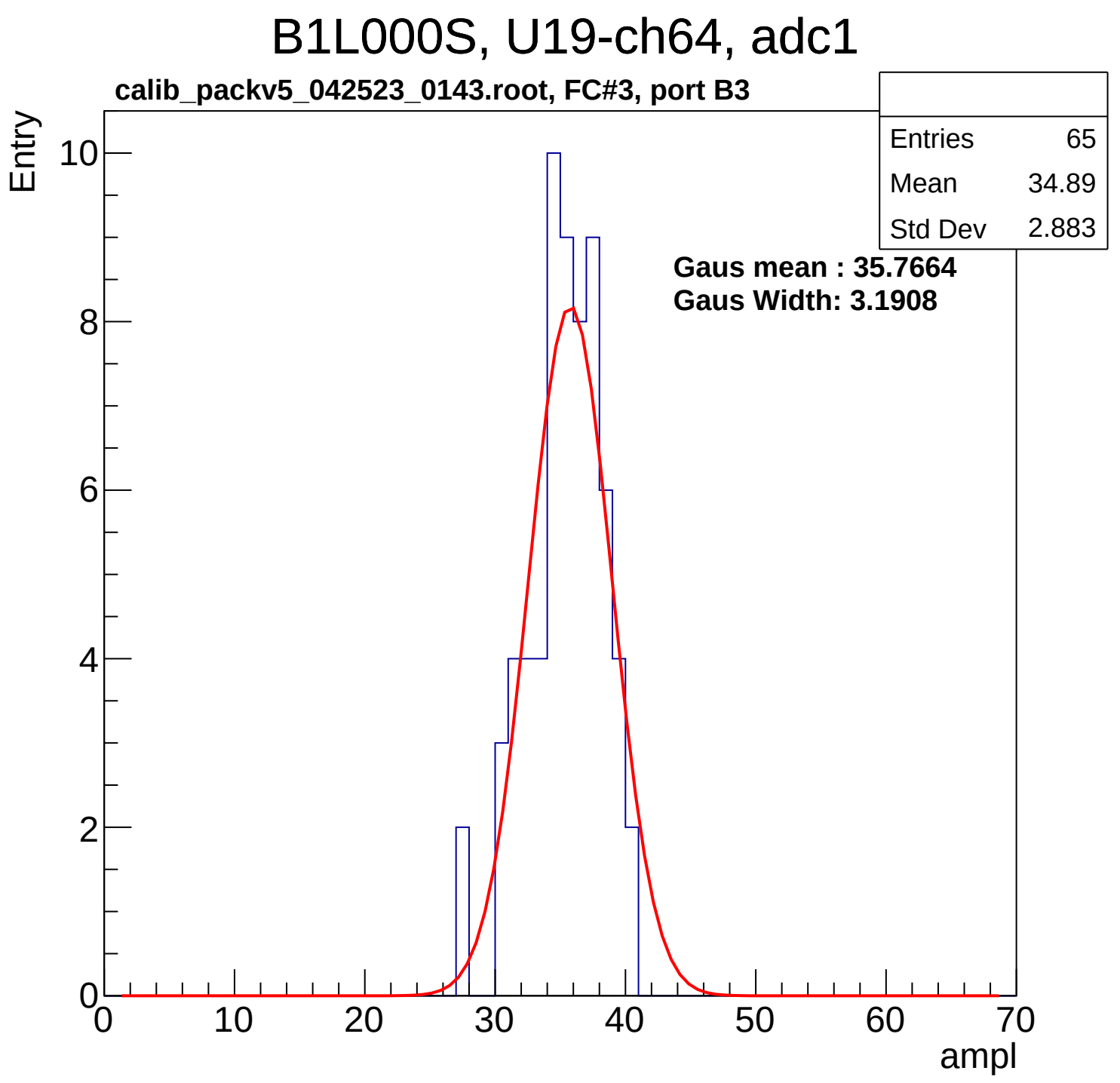
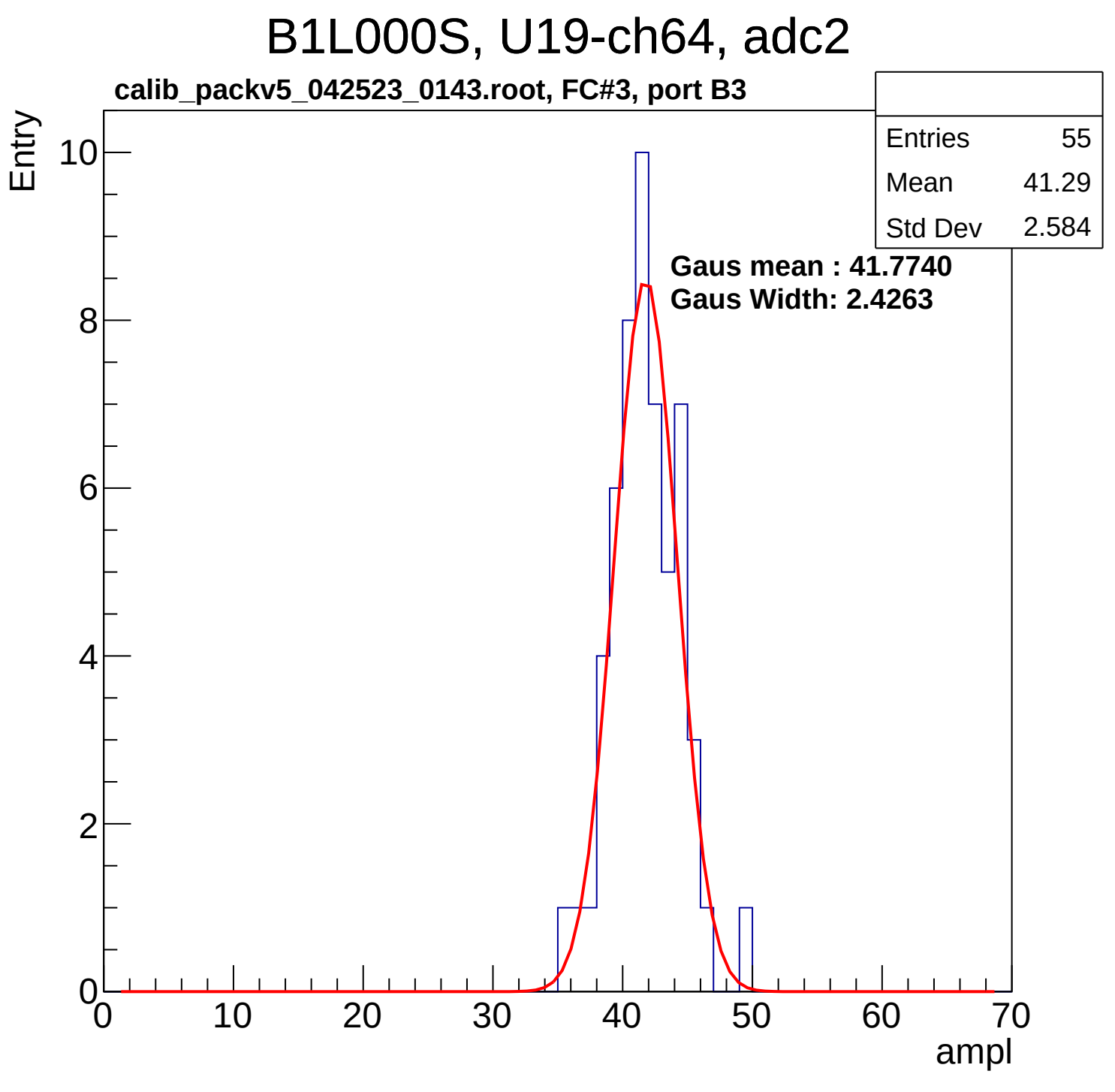
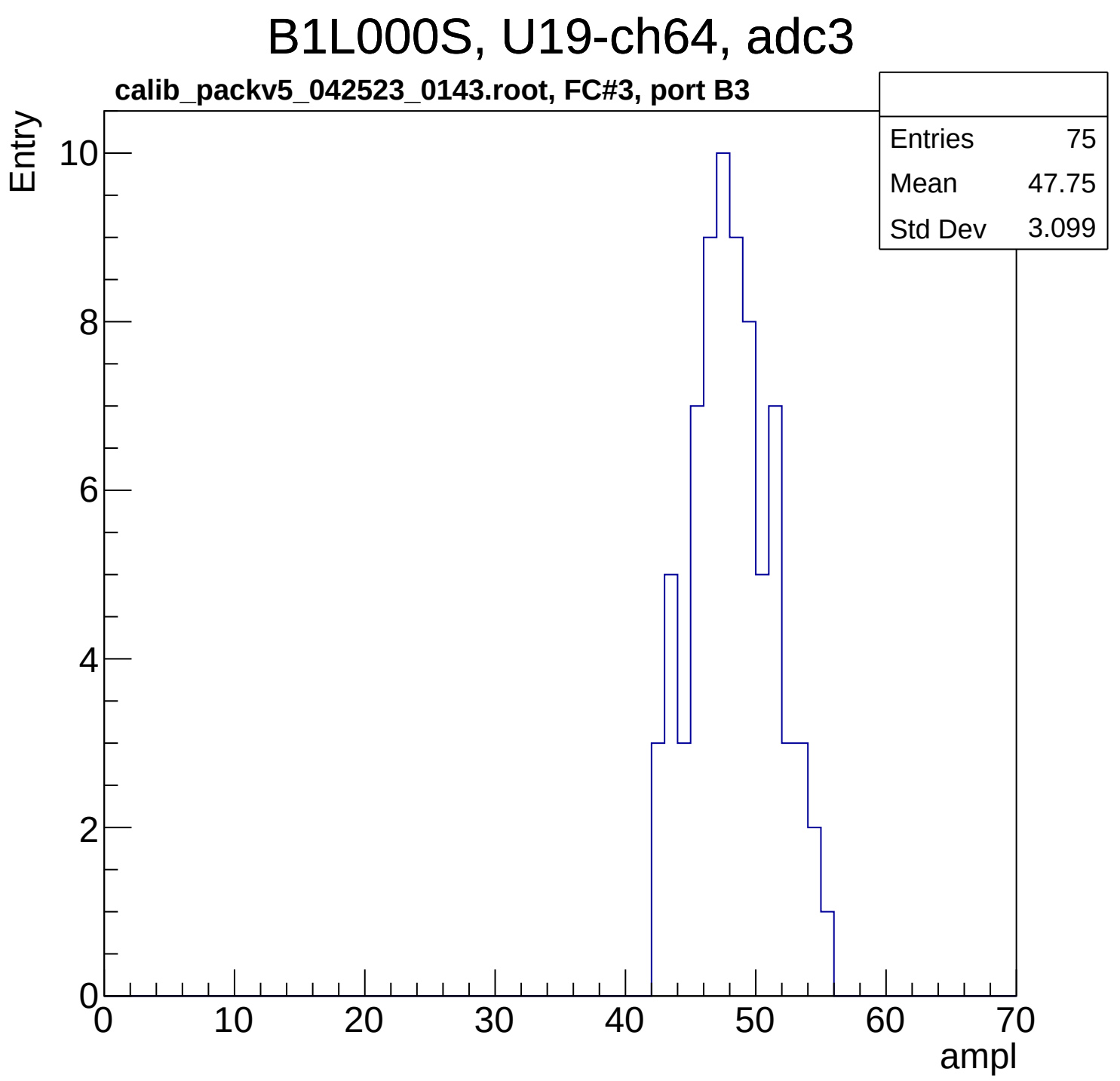

B1L000S, U19-ch63, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 54.75
Std Dev 20.7
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

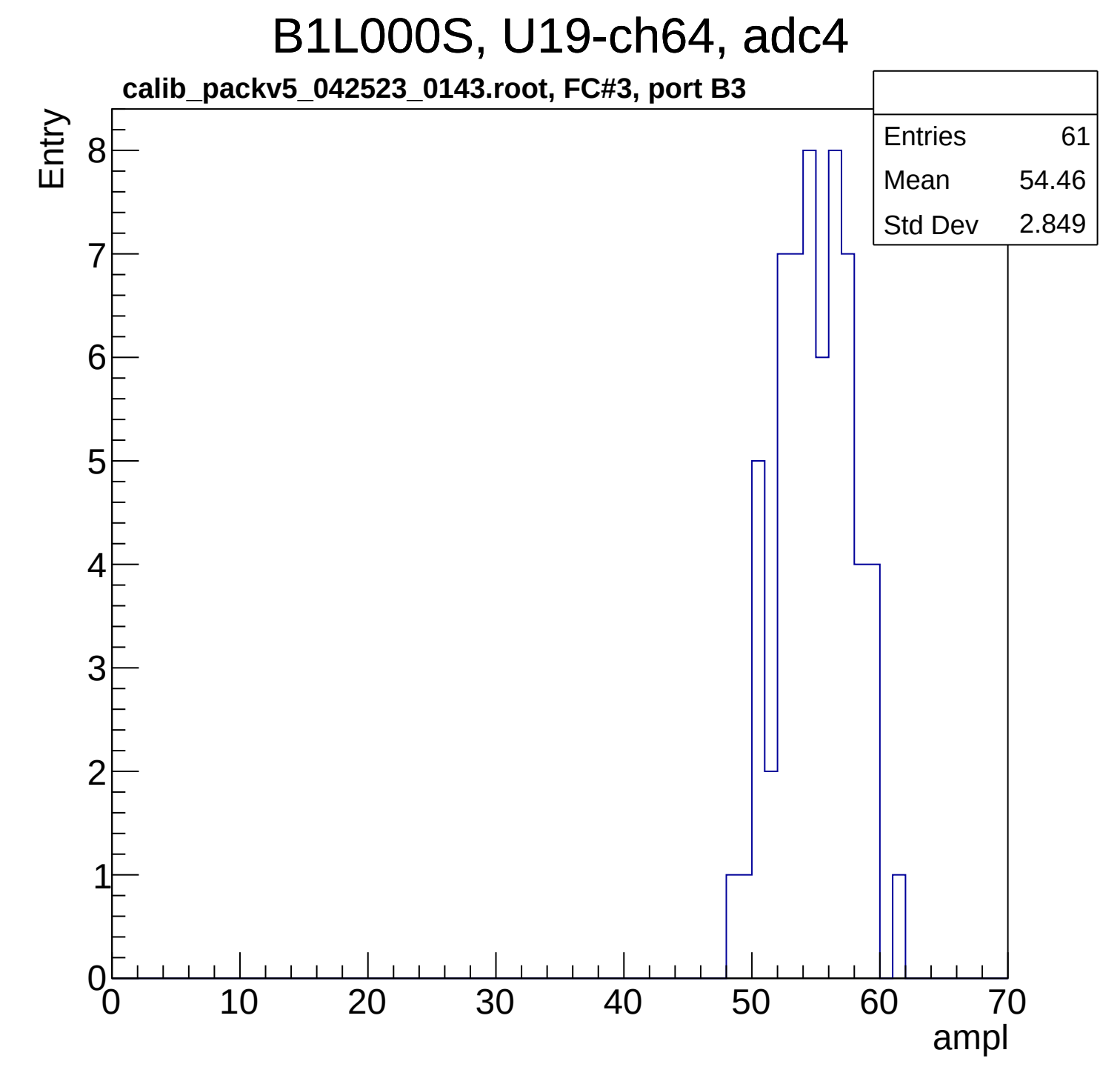

B1L000S, U19-ch63, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch64, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 29.22
Std Dev 2.695
Gaus mean : 30.4590
Gaus Width: 3.4885
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch64, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 34.89
Std Dev 2.883
Gaus mean : 35.7664
Gaus Width: 3.1908
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch64, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 41.29
Std Dev 2.584
Gaus mean : 41.7740
Gaus Width: 2.4263
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch64, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 47.75
Std Dev 3.099
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch64, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 54.46
Std Dev 2.849
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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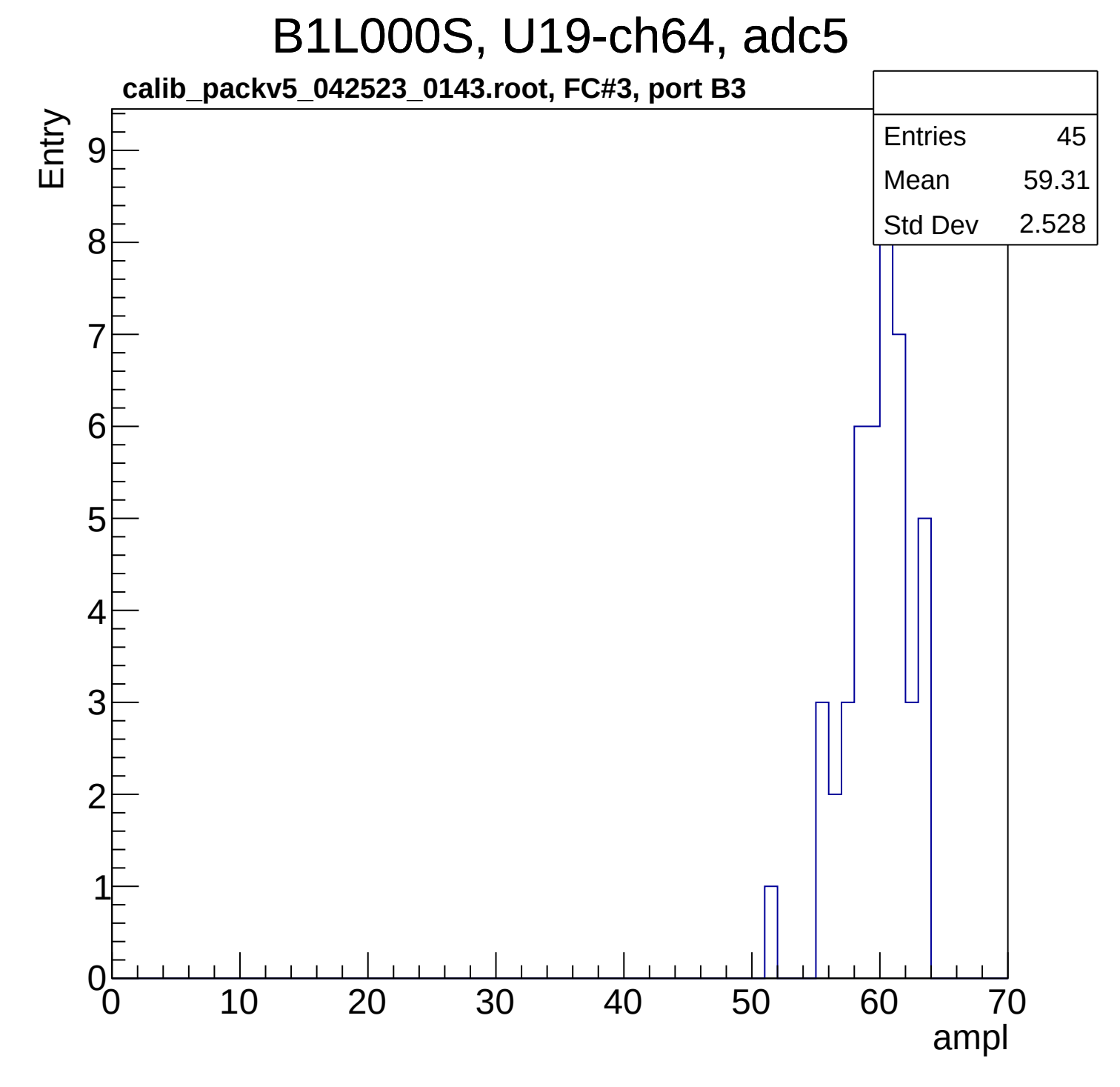
40
50
60
70


B1L000S, U19-ch64, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 59.31
Std Dev 2.528
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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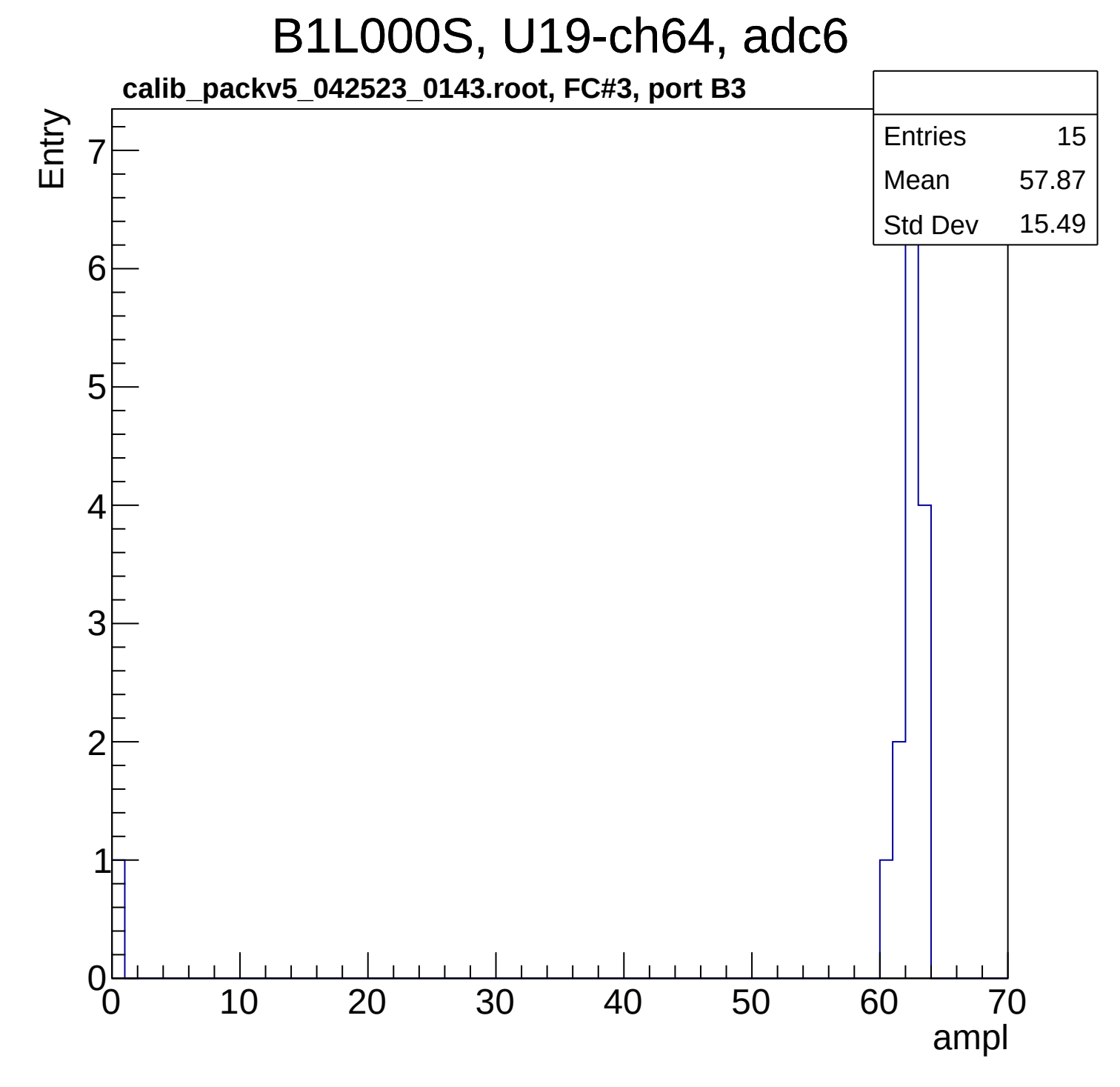
B1L000S, U19-ch64, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 57.87
Std Dev 15.49
Entry
ampl
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2
3
4
5
6
7
0
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20
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40
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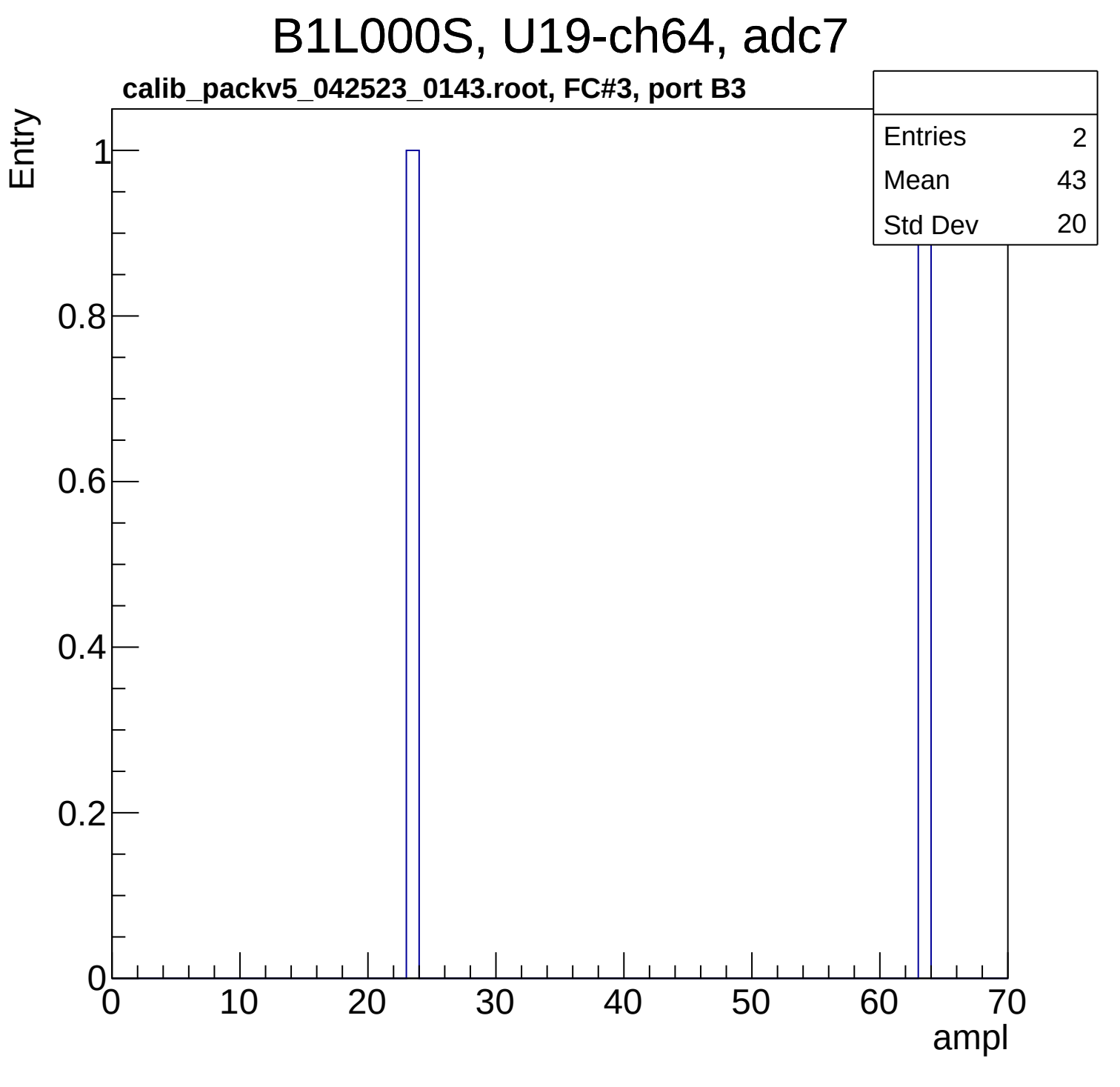
60
70


B1L000S, U19-ch64, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 43
Std Dev 20
Entry
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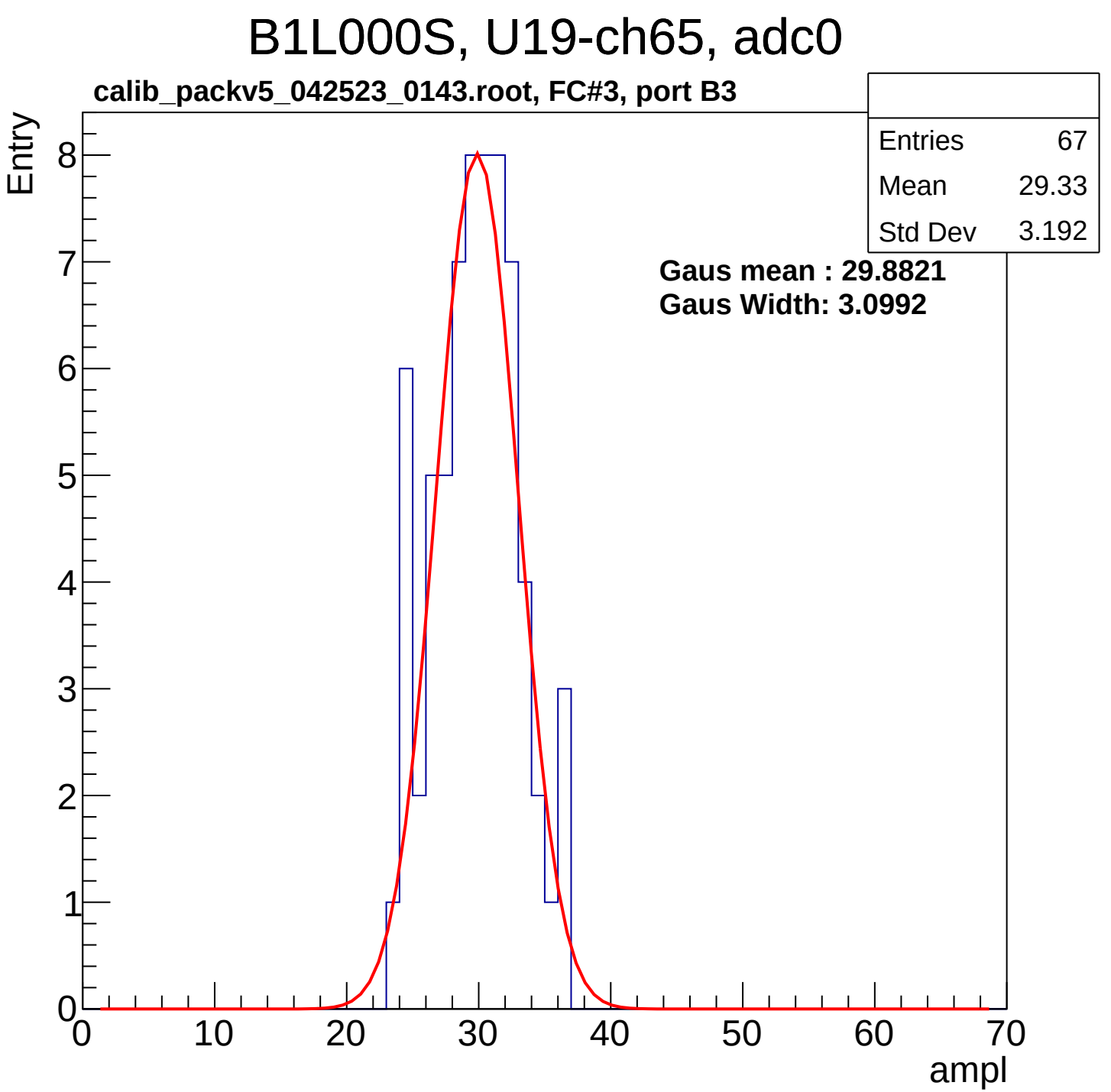
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch65, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 29.33
Std Dev 3.192
Gaus mean : 29.8821
Gaus Width: 3.0992
Entry
ampl
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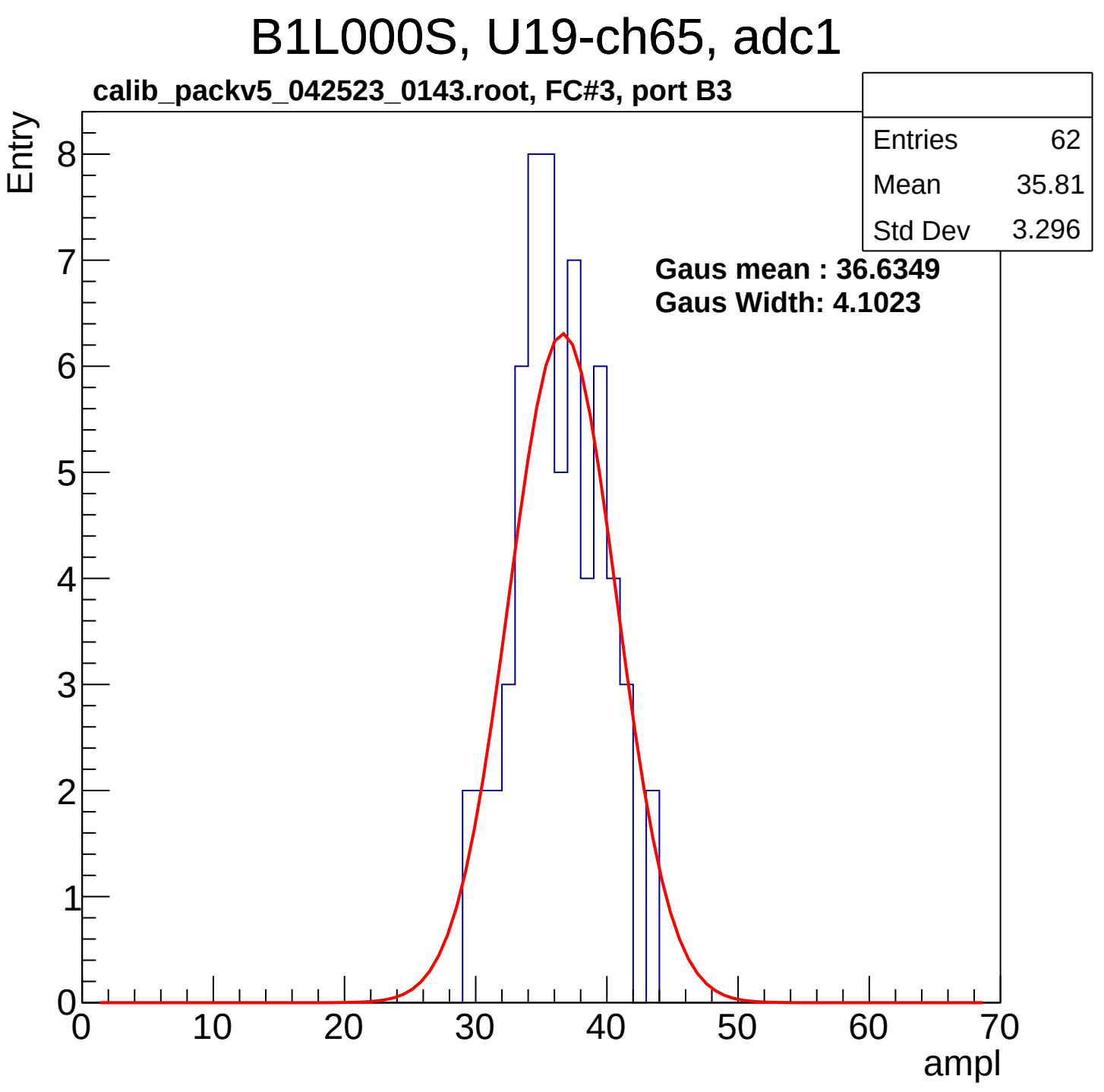
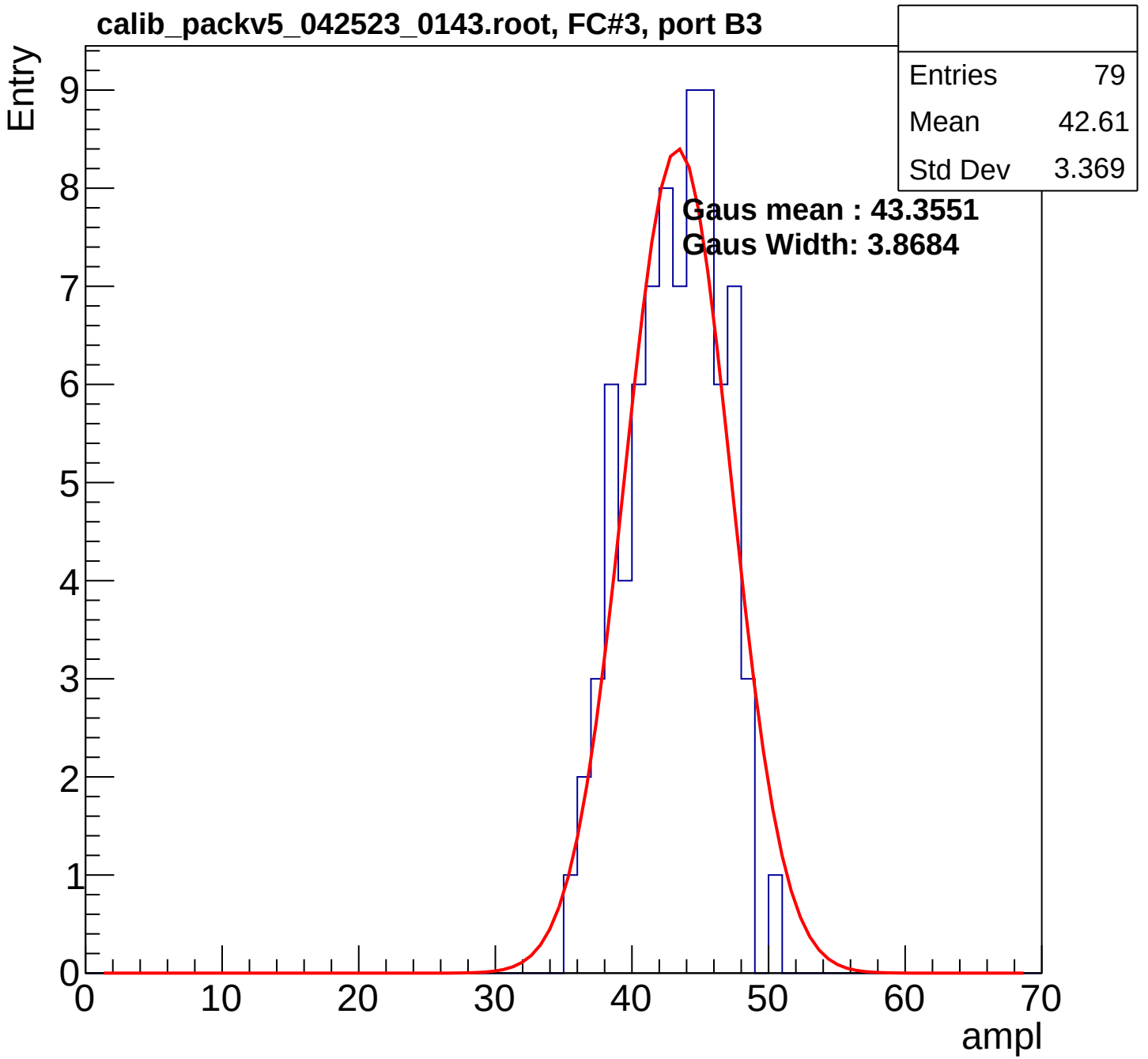
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch65, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 35.81
Std Dev 3.296
Gaus mean : 36.6349
Gaus Width: 4.1023
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch65, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 42.61
Std Dev 3.369
Gaus mean : 43.3551
Gaus Width: 3.8684
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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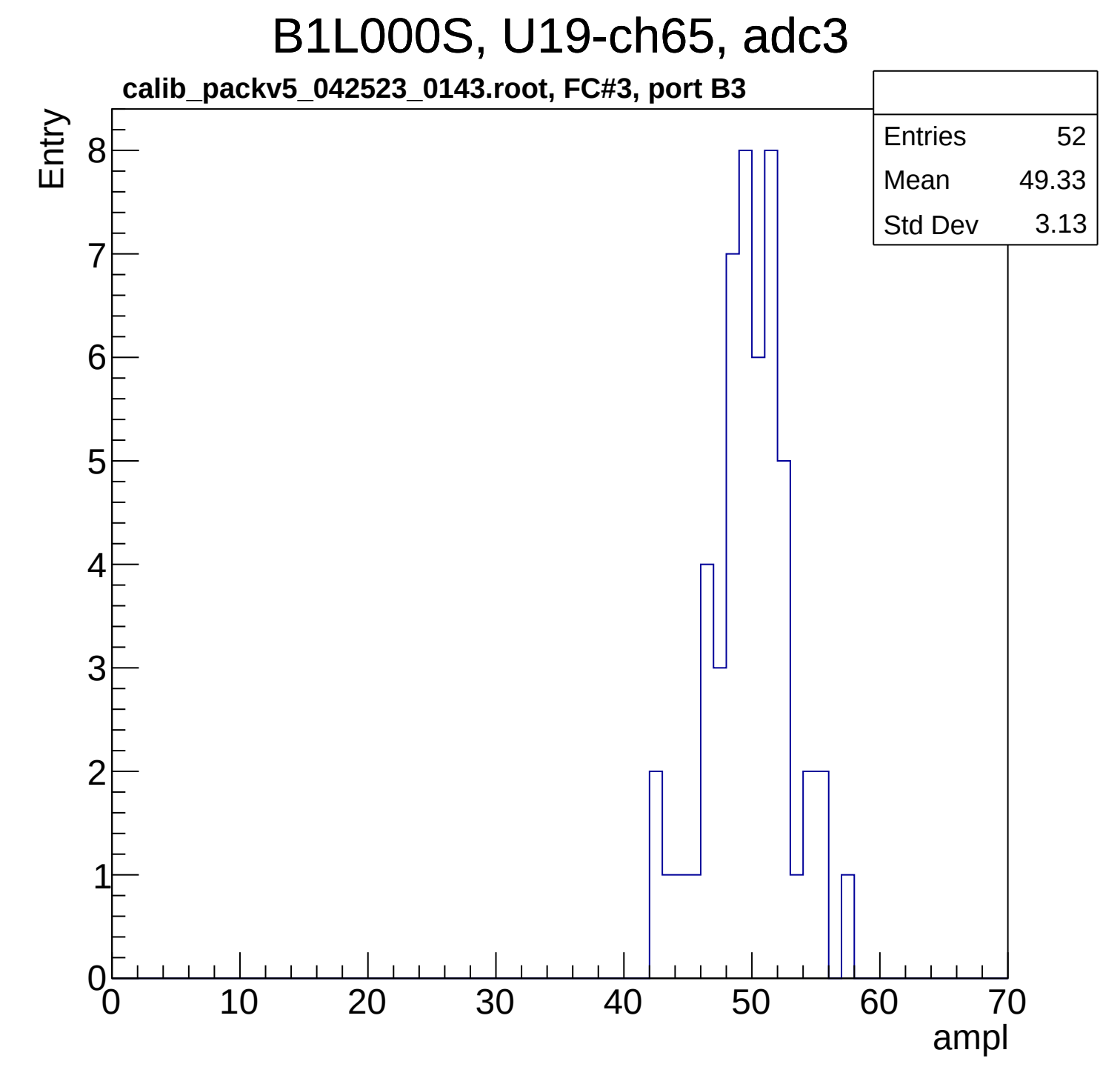
B1L000S, U19-ch65, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 49.33
Std Dev 3.13
Entry
ampl
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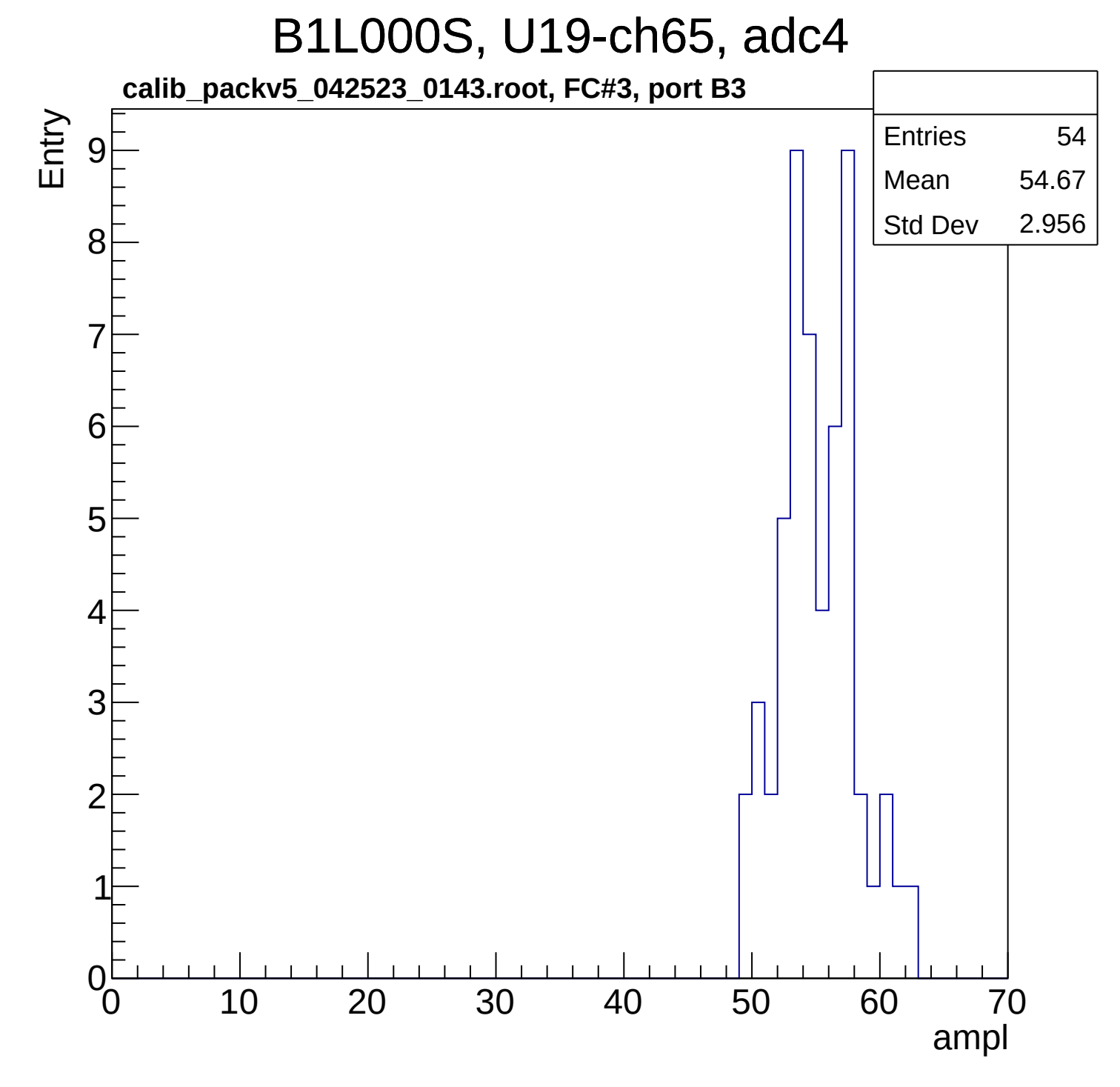
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch65, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 54.67
Std Dev 2.956
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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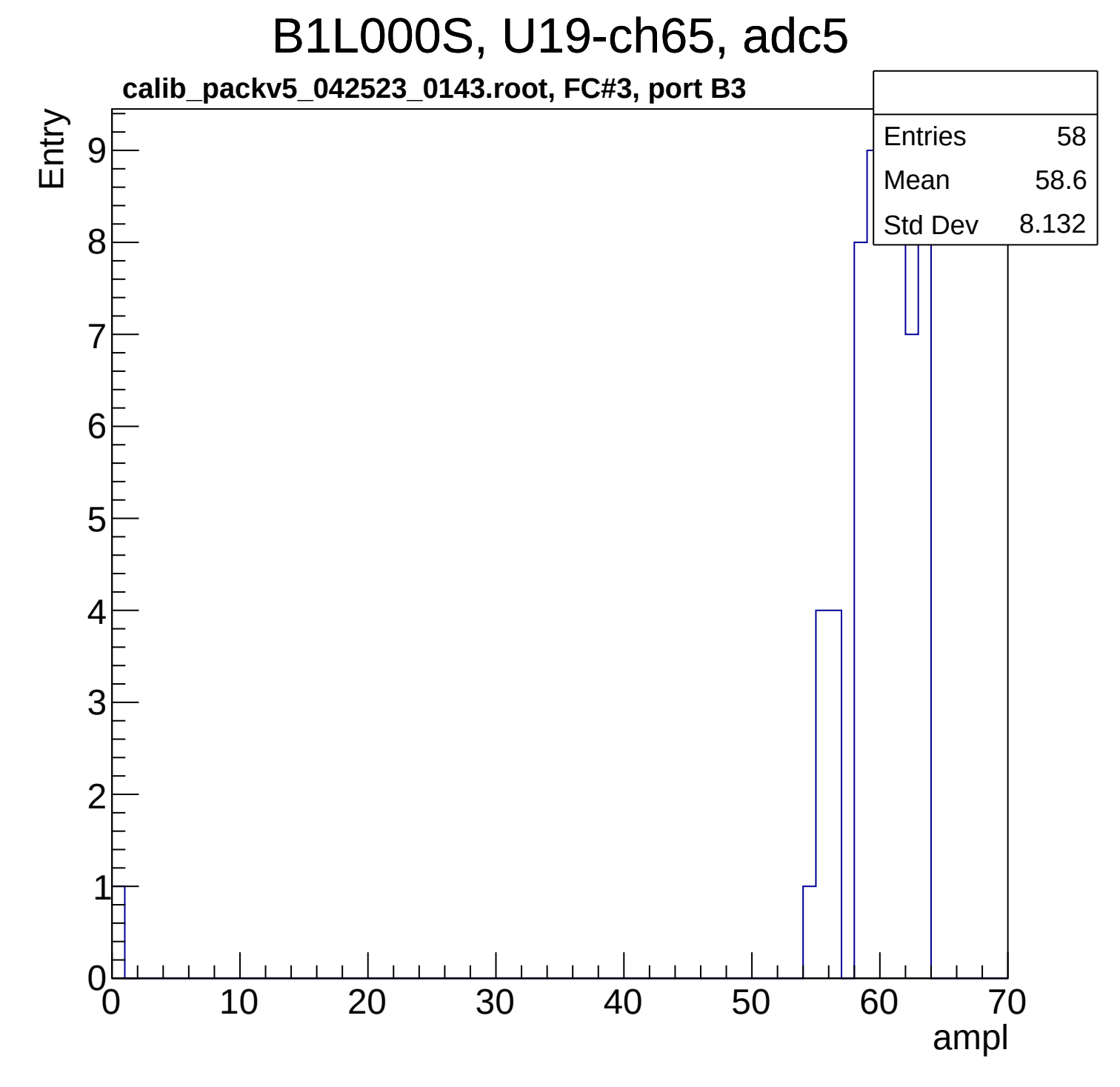
B1L000S, U19-ch65, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 58.6
Std Dev 8.132
Entry
ampl
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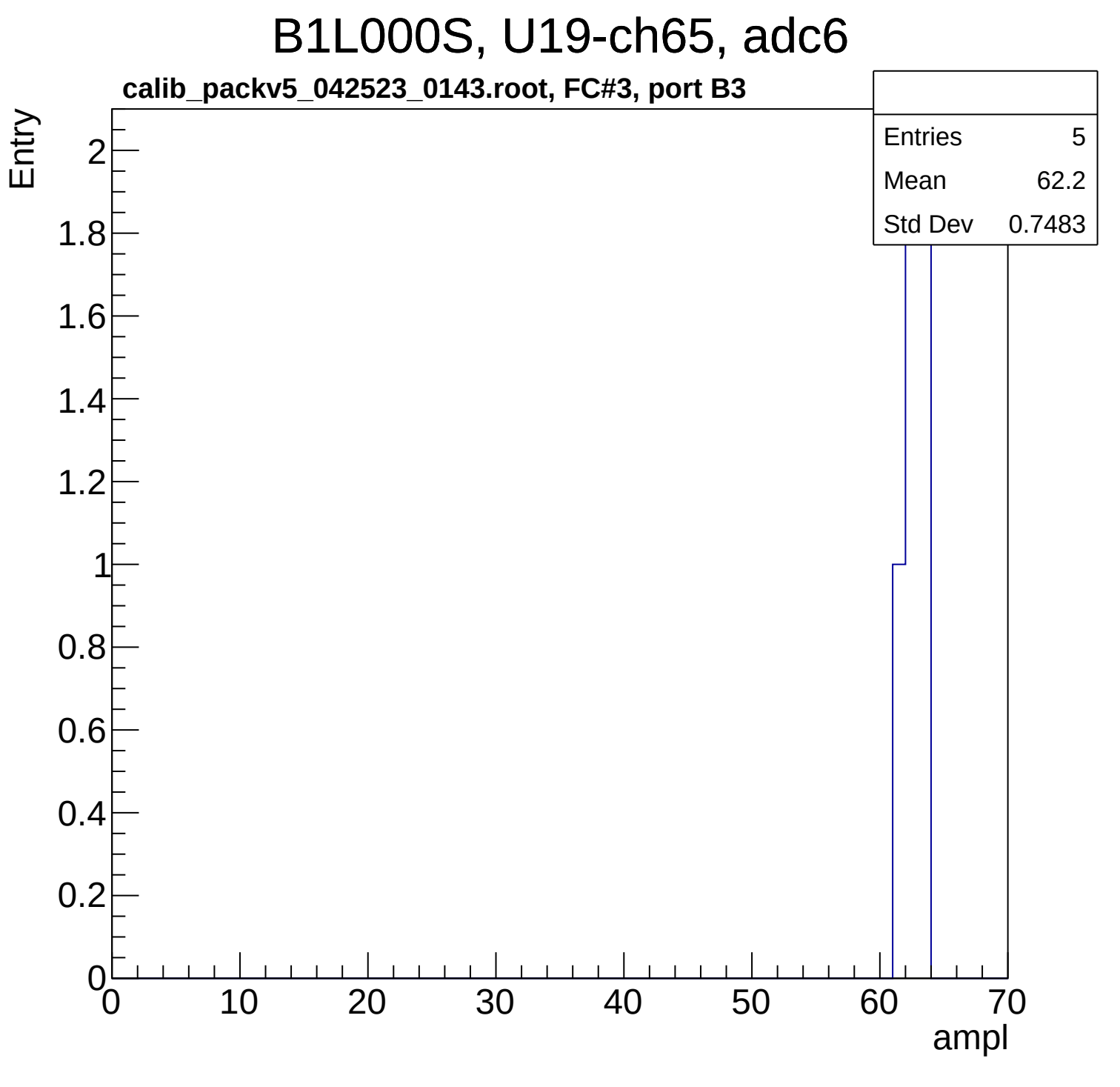
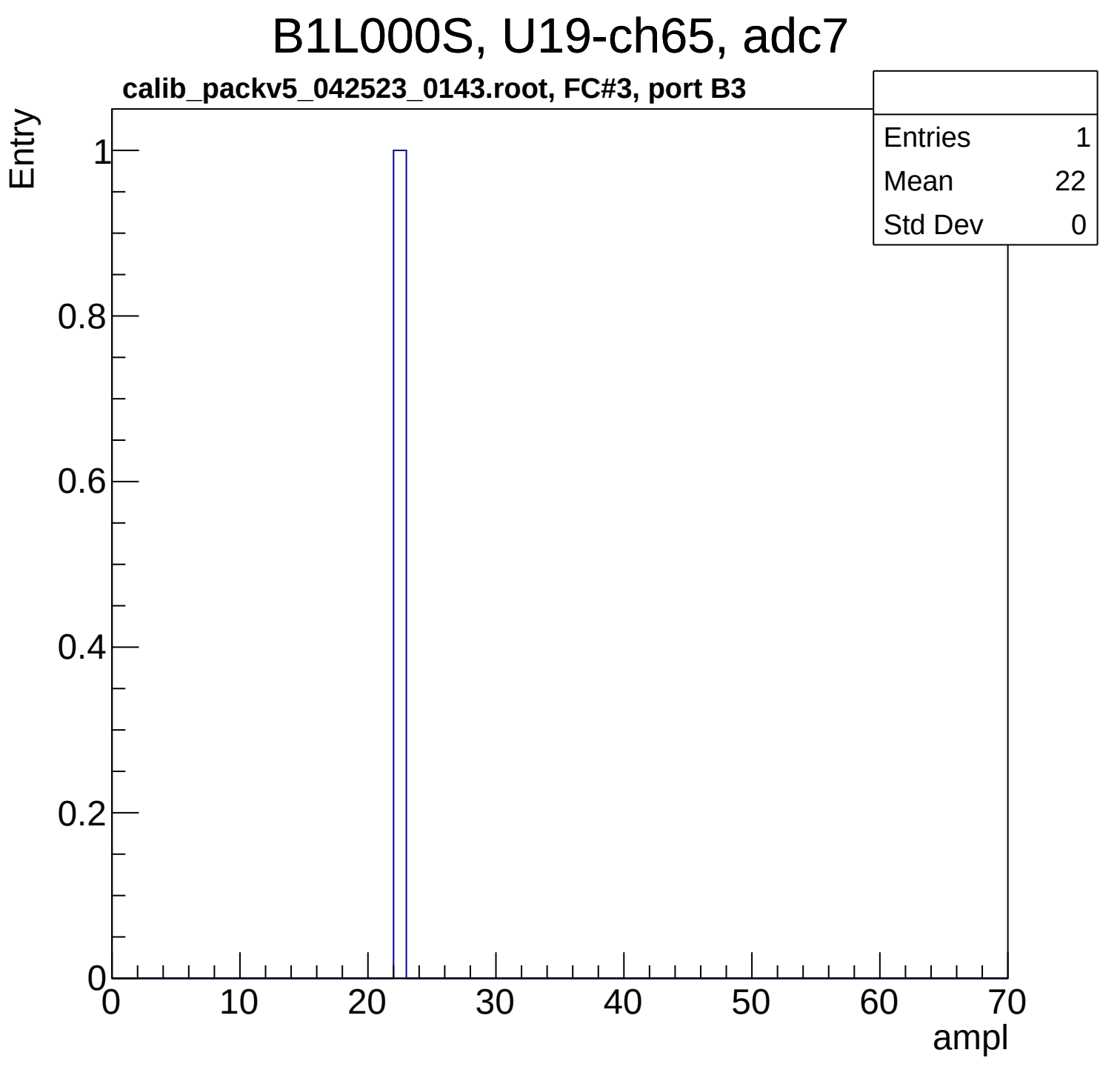
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch65, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 62.2
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, U19-ch65, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 22
Std Dev 0
Entry
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0.6
0.4
0.2
0
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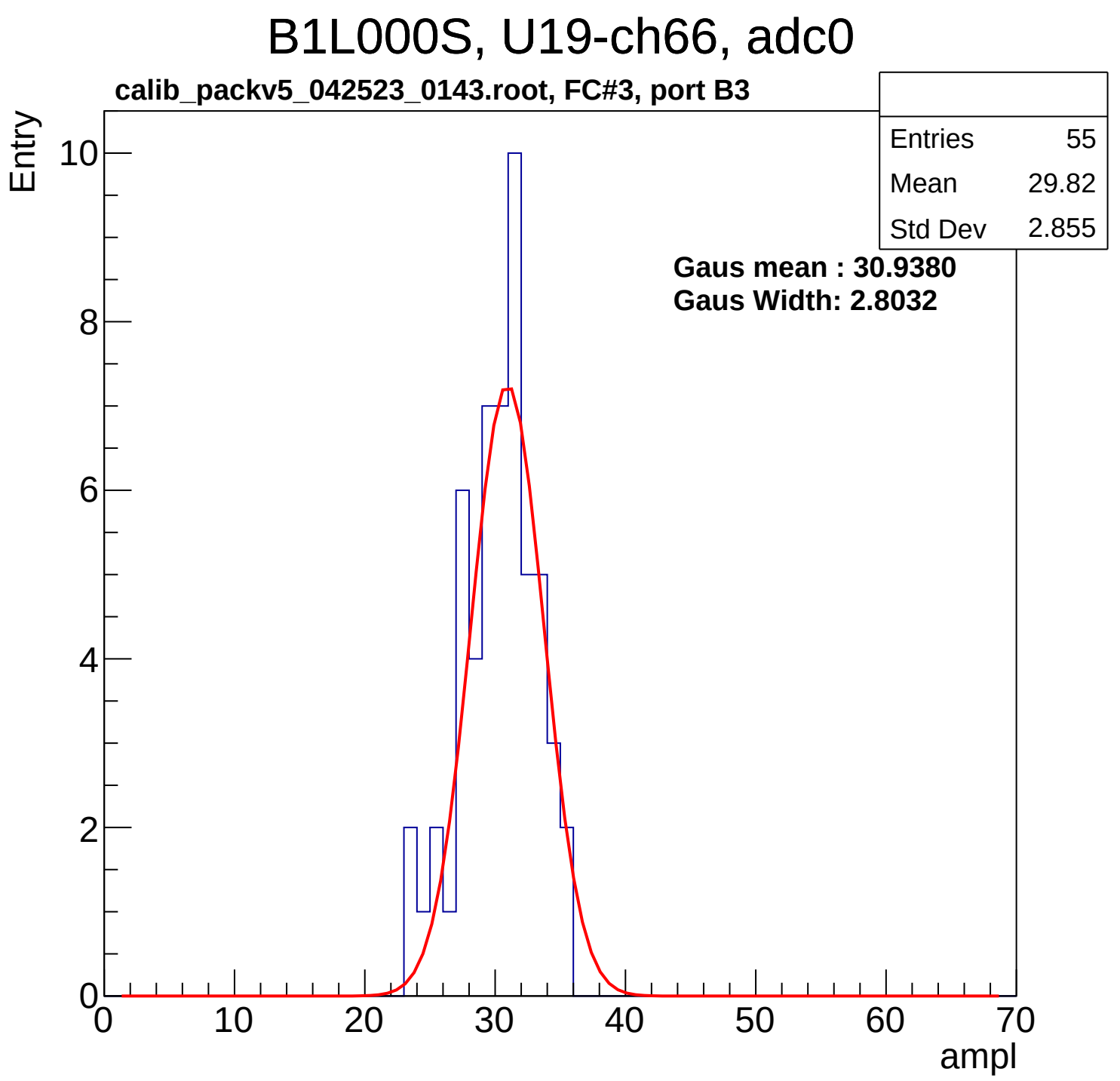
ampl


B1L000S, U19-ch66, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 29.82
Std Dev 2.855
Gaus mean : 30.9380
Gaus Width: 2.8032
Entry
ampl
0
2
4
6
8
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0
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60
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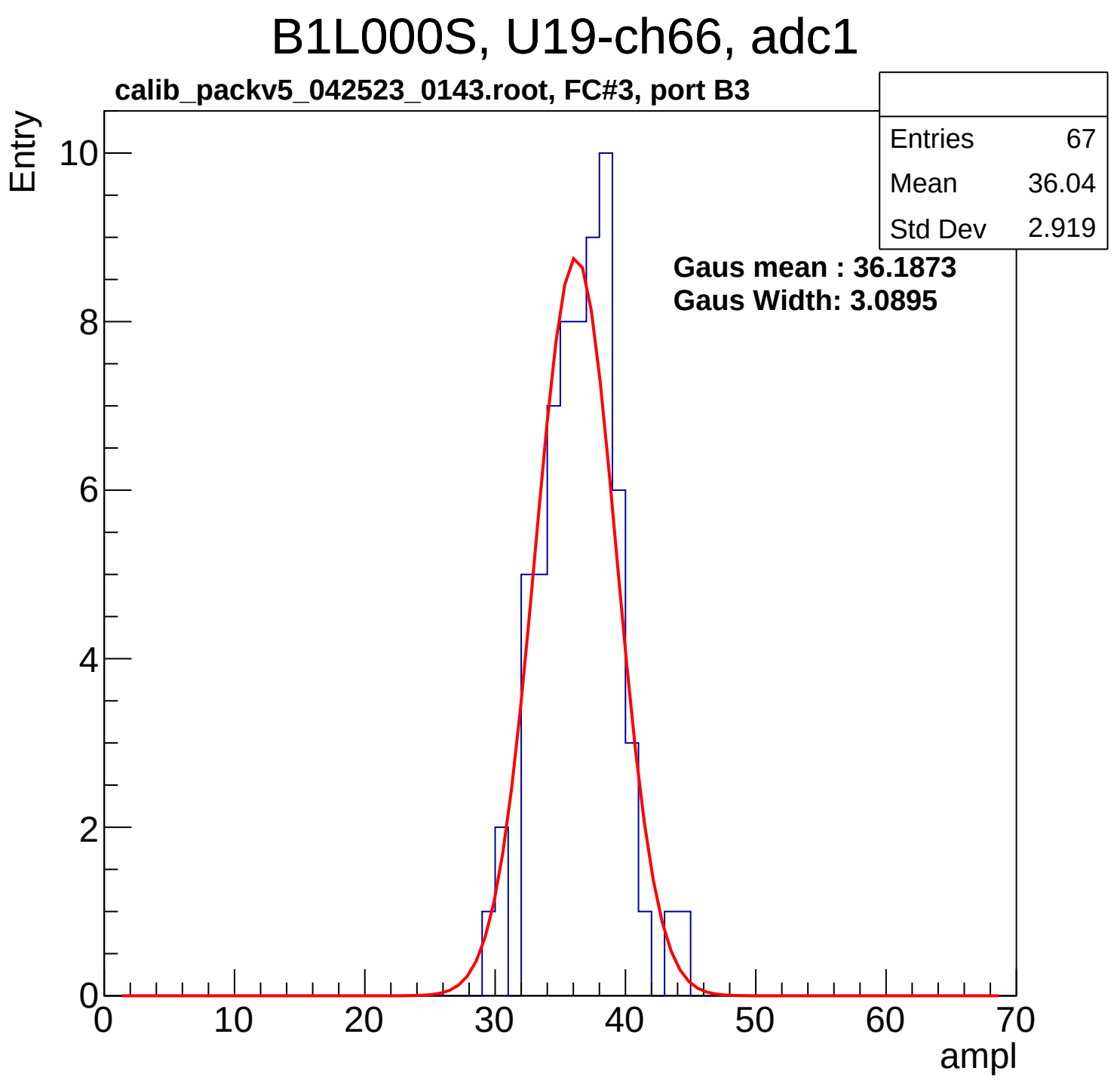
B1L000S, U19-ch66, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 36.04
Std Dev 2.919
Gaus mean : 36.1873
Gaus Width: 3.0895
Entry
ampl
0
2
4
6
8
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0
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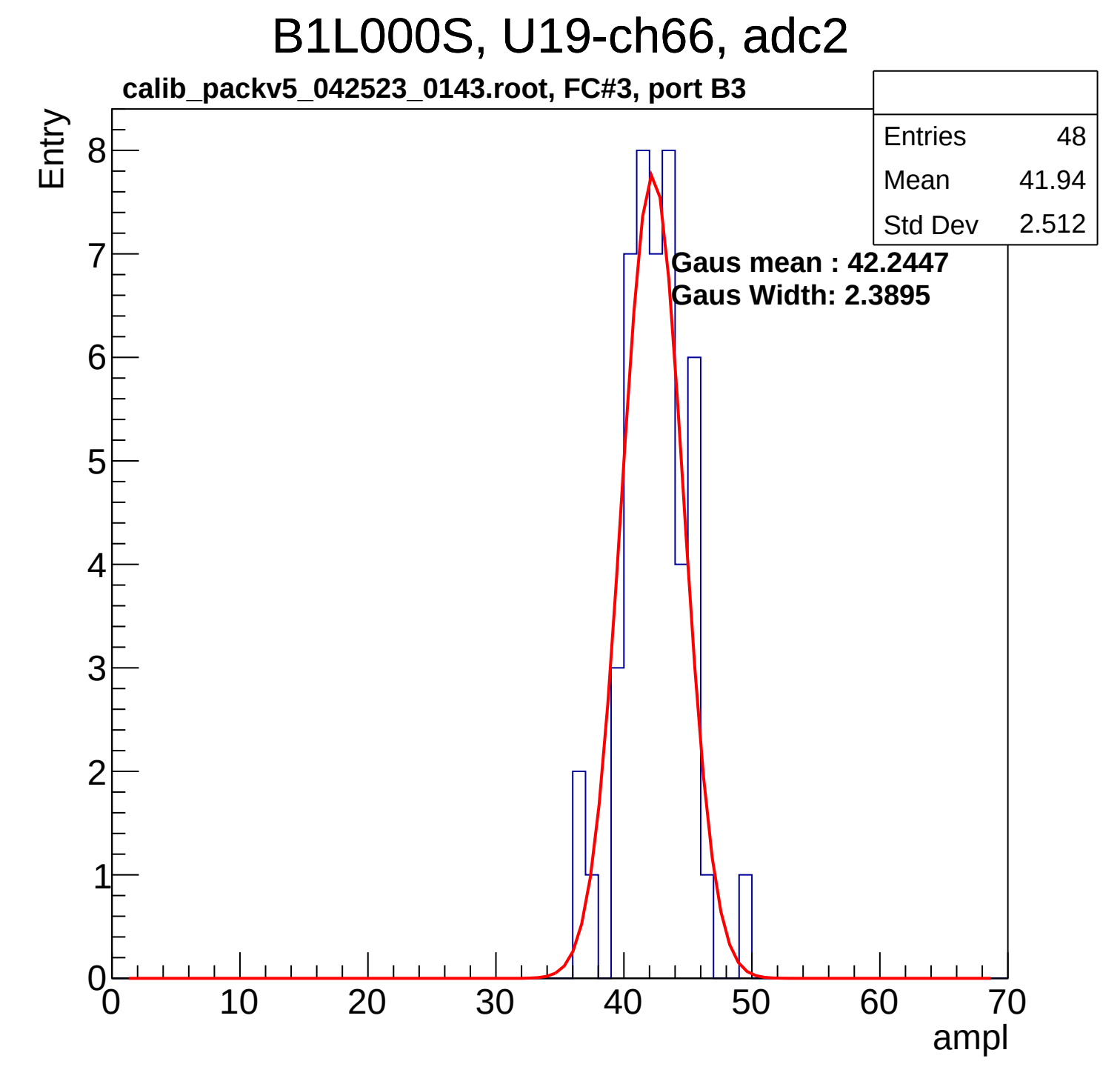
B1L000S, U19-ch66, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 41.94
Std Dev 2.512
Gaus mean : 42.2447
Gaus Width: 2.3895
Entry
ampl
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1
2
3
4
5
6
7
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0
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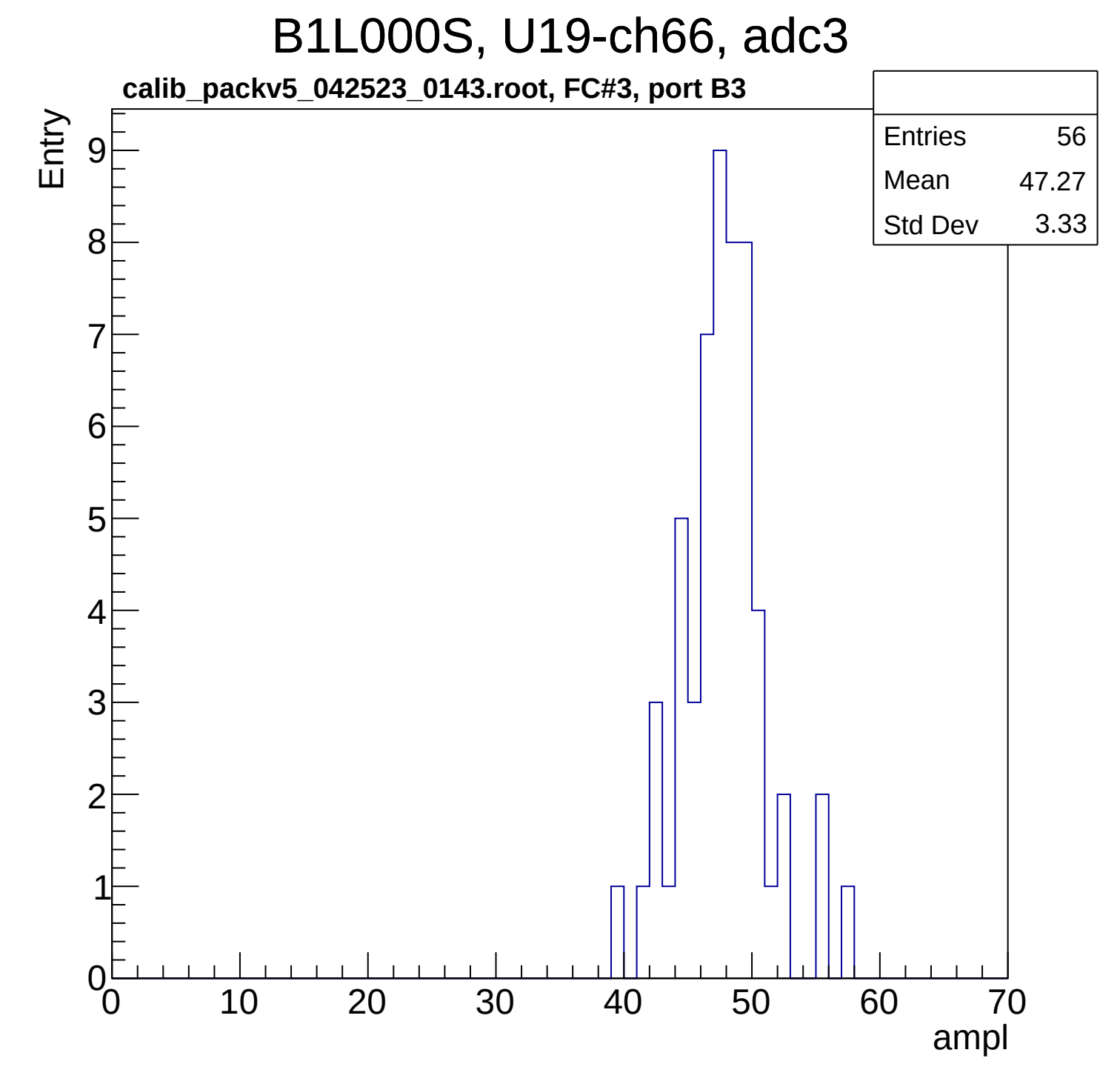
B1L000S, U19-ch66, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 47.27
Std Dev 3.33
Entry
ampl
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2
3
4
5
6
7
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0
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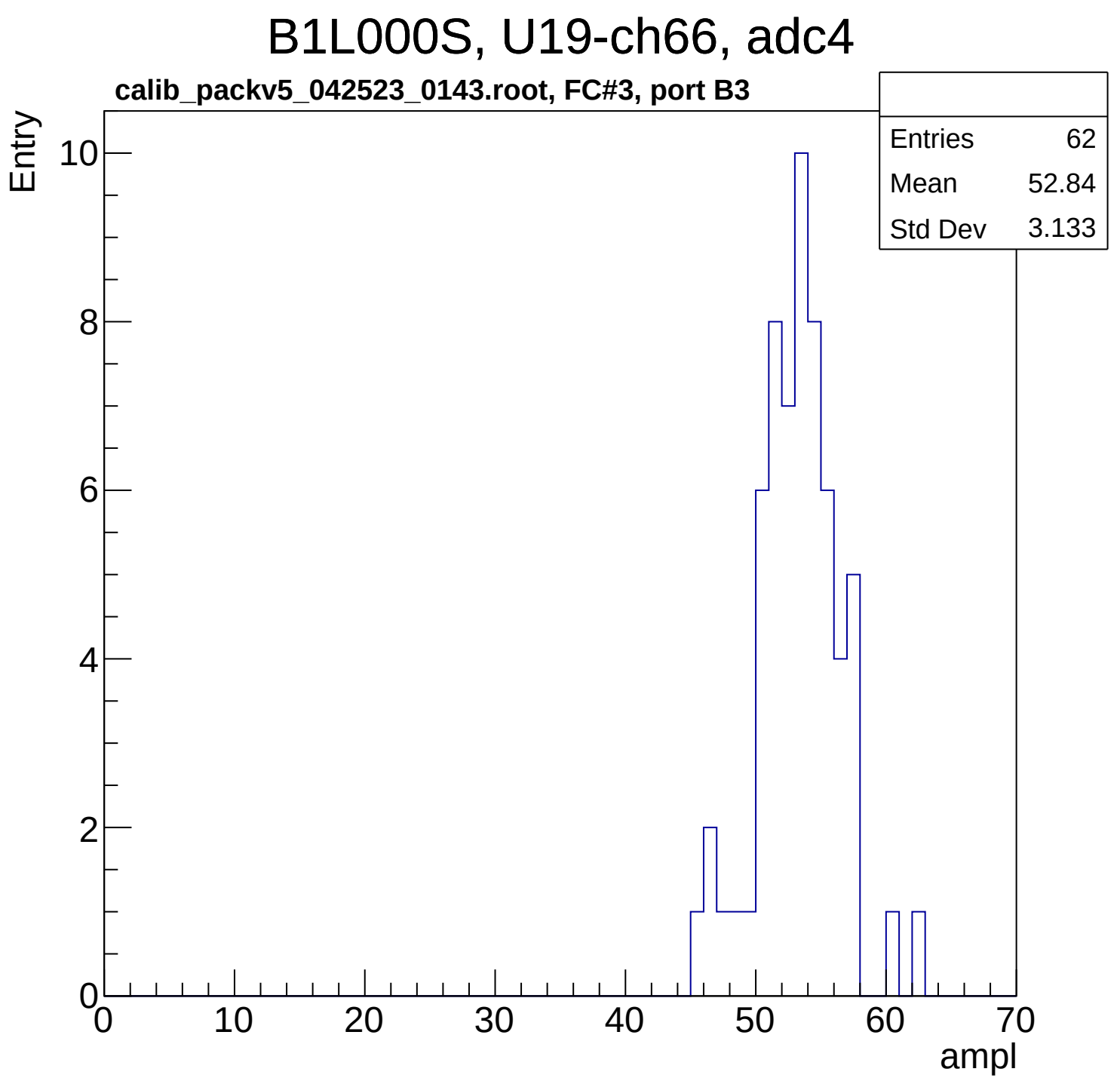
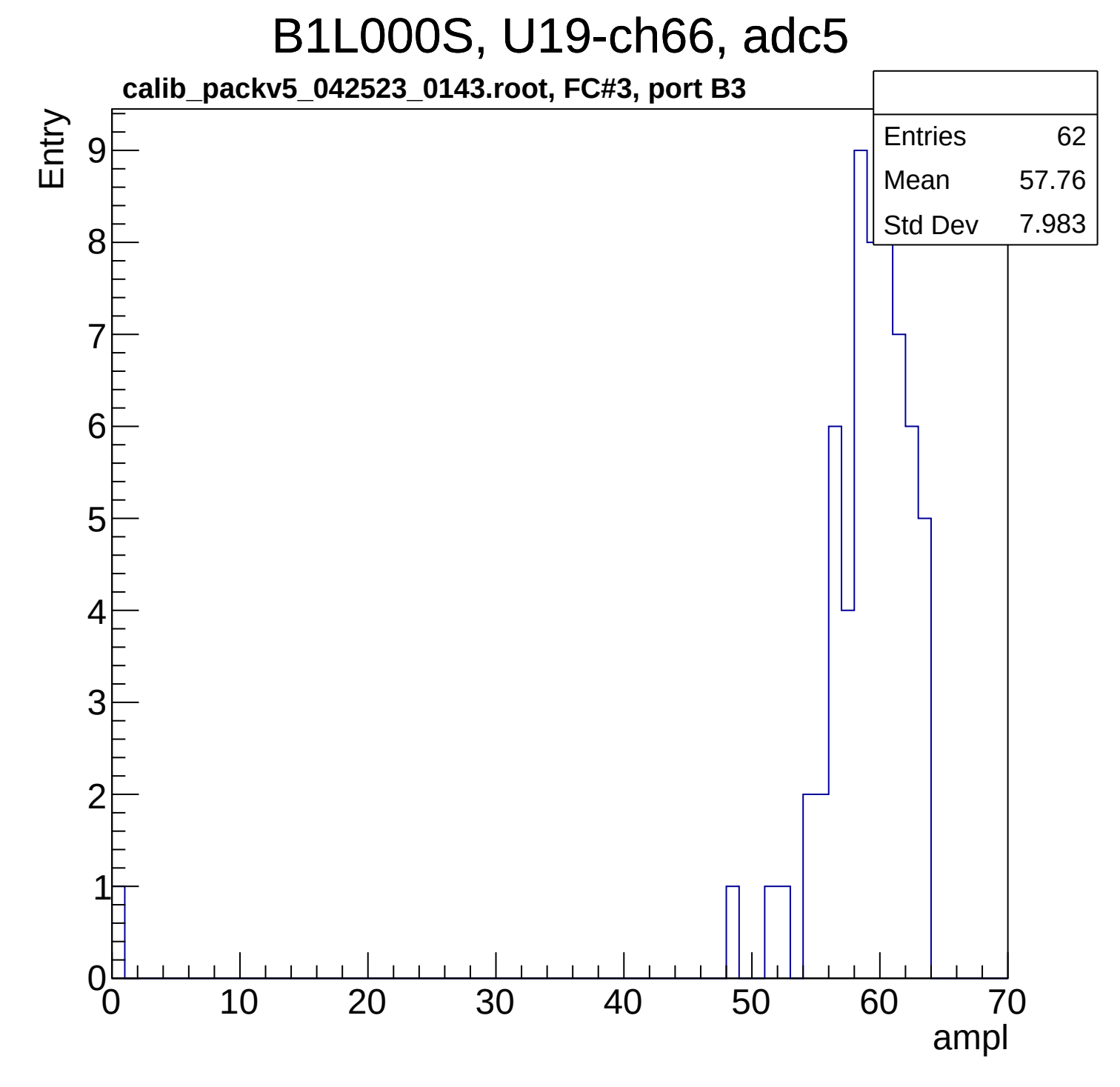

B1L000S, U19-ch66, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 52.84
Std Dev 3.133
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch66, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 57.76
Std Dev 7.983
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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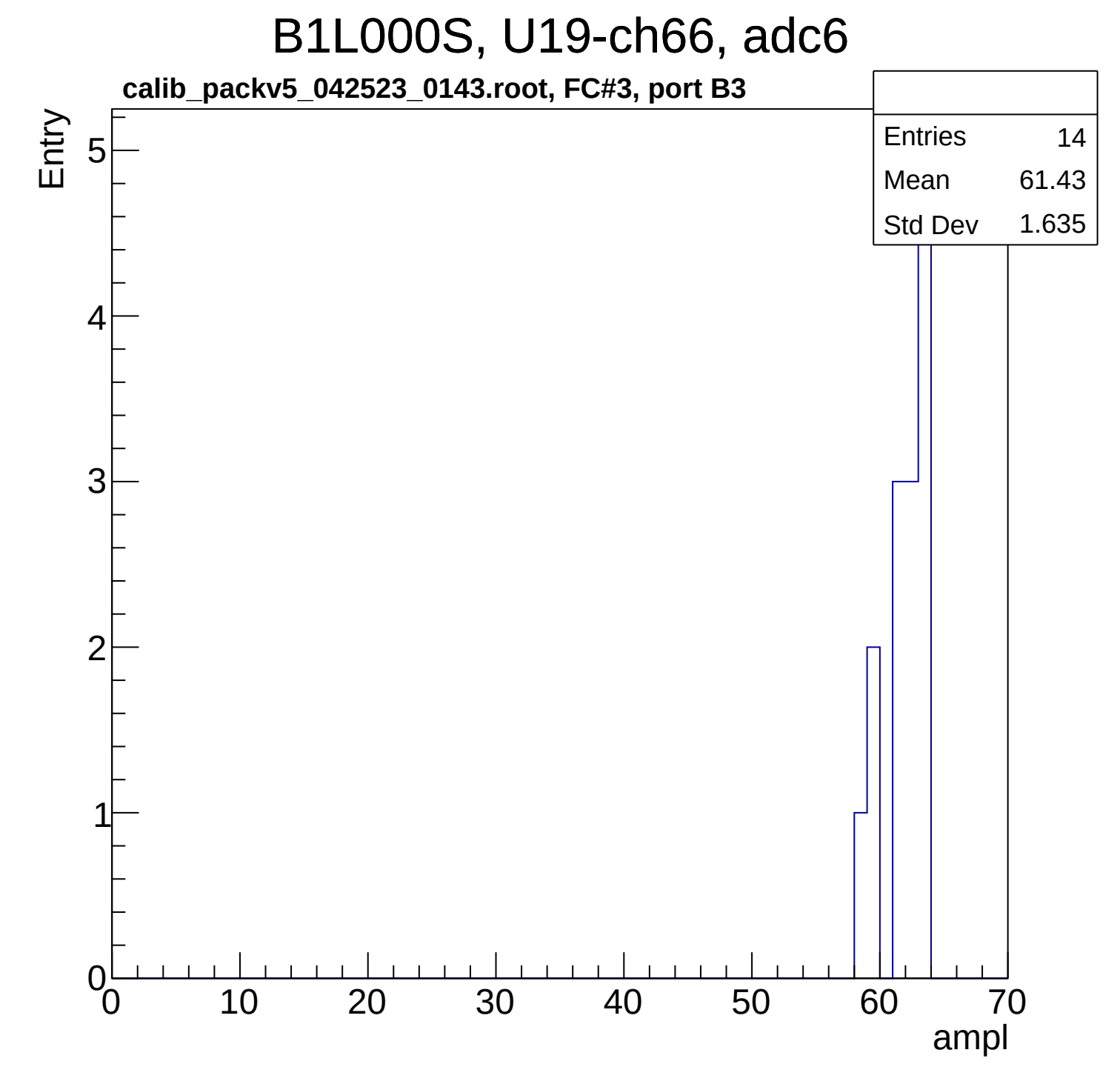
B1L000S, U19-ch66, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 61.43
Std Dev 1.635
Entry
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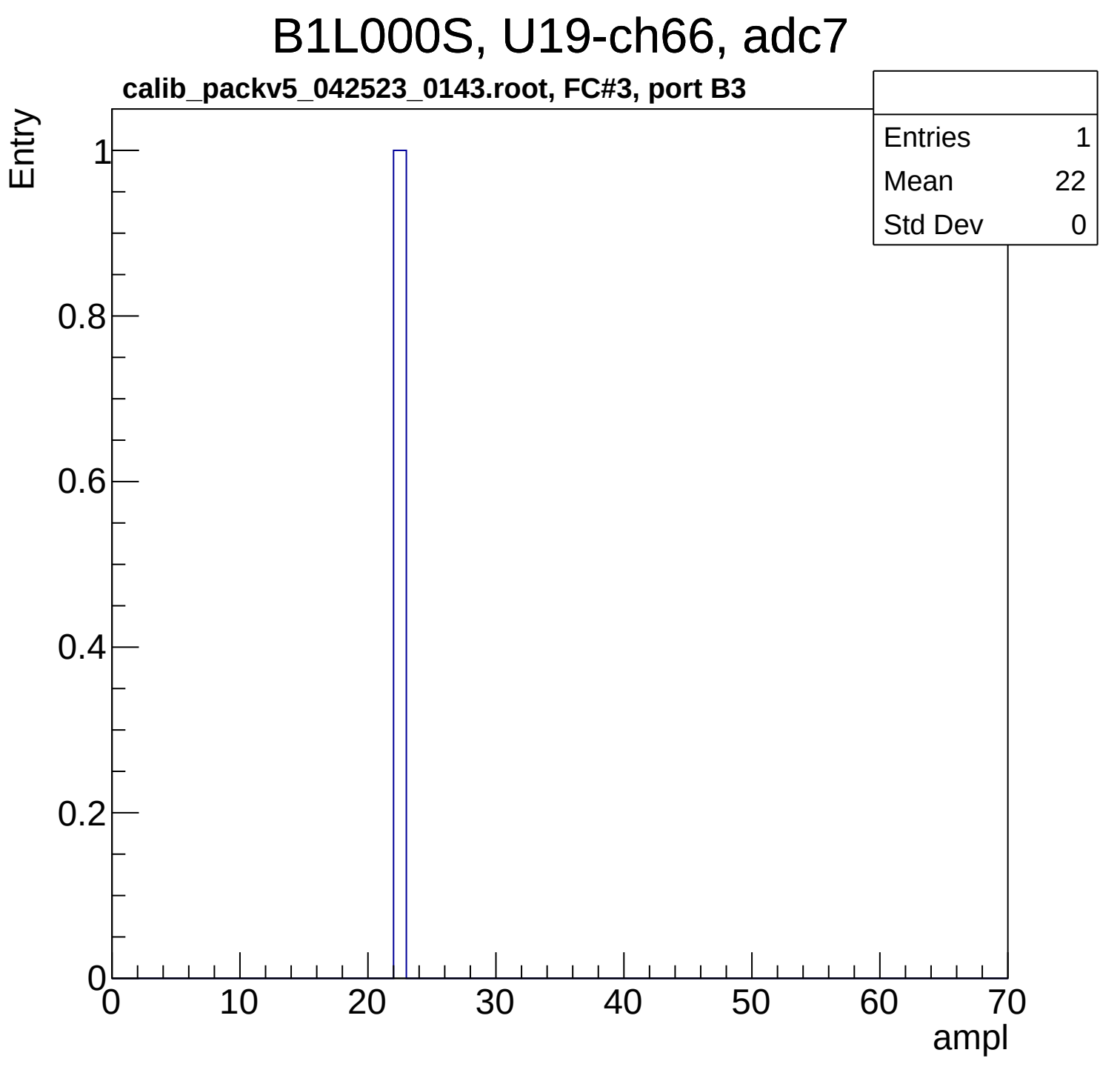
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch66, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 22
Std Dev 0
Entry
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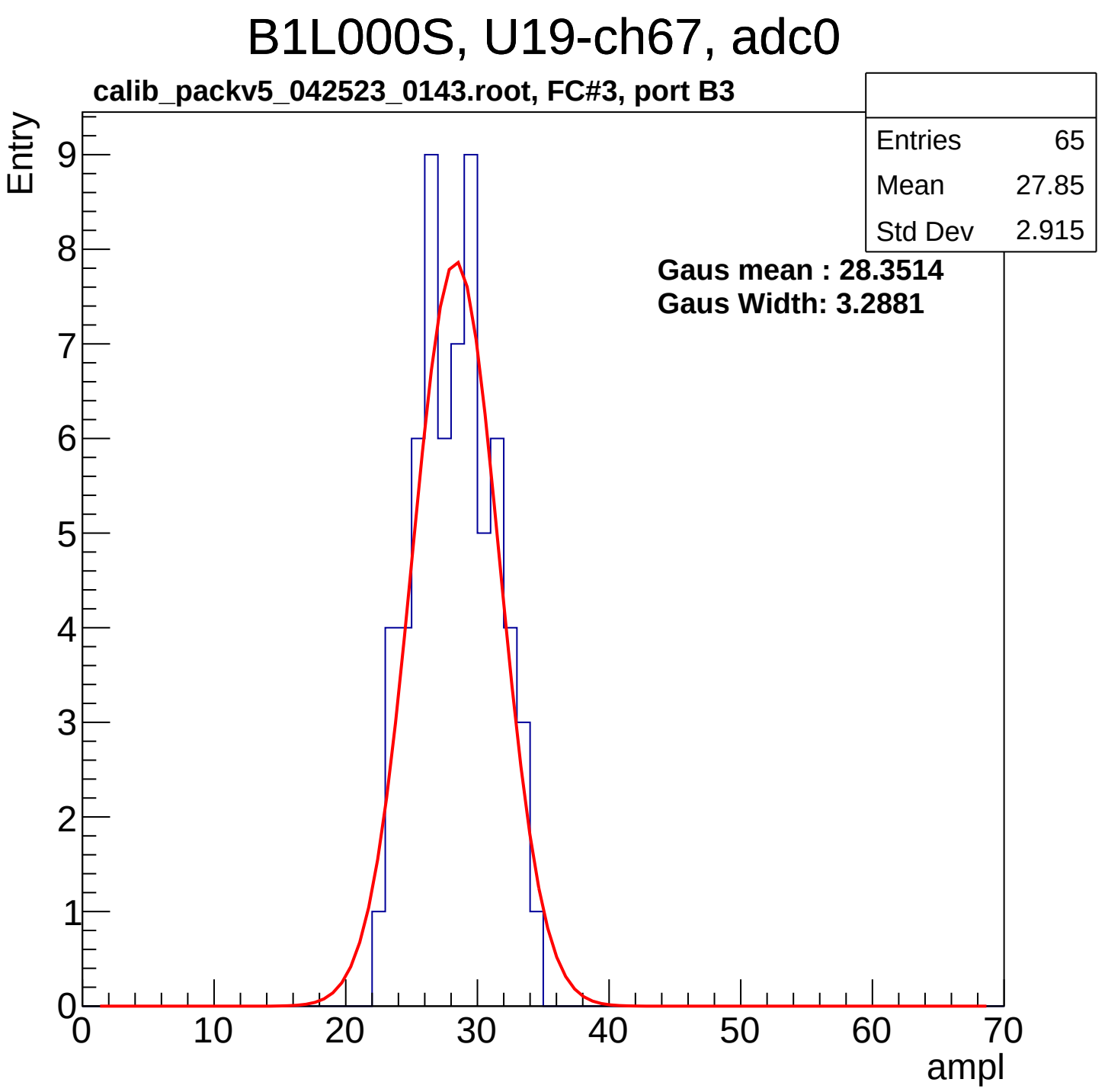
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch67, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 27.85
Std Dev 2.915
Gaus mean : 28.3514
Gaus Width: 3.2881
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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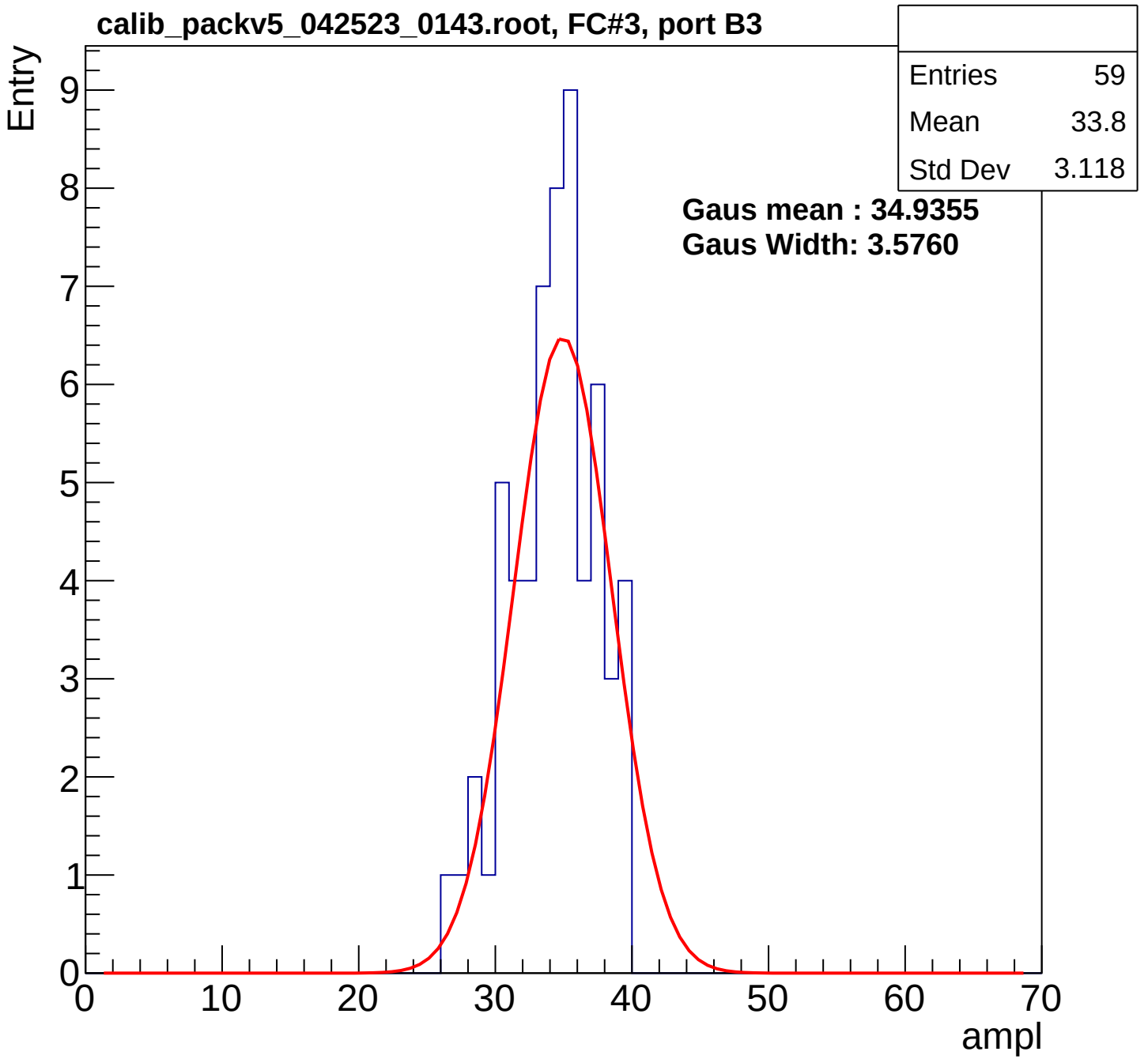
B1L000S, U19-ch67, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 33.8
Std Dev 3.118
Gaus mean : 34.9355
Gaus Width: 3.5760
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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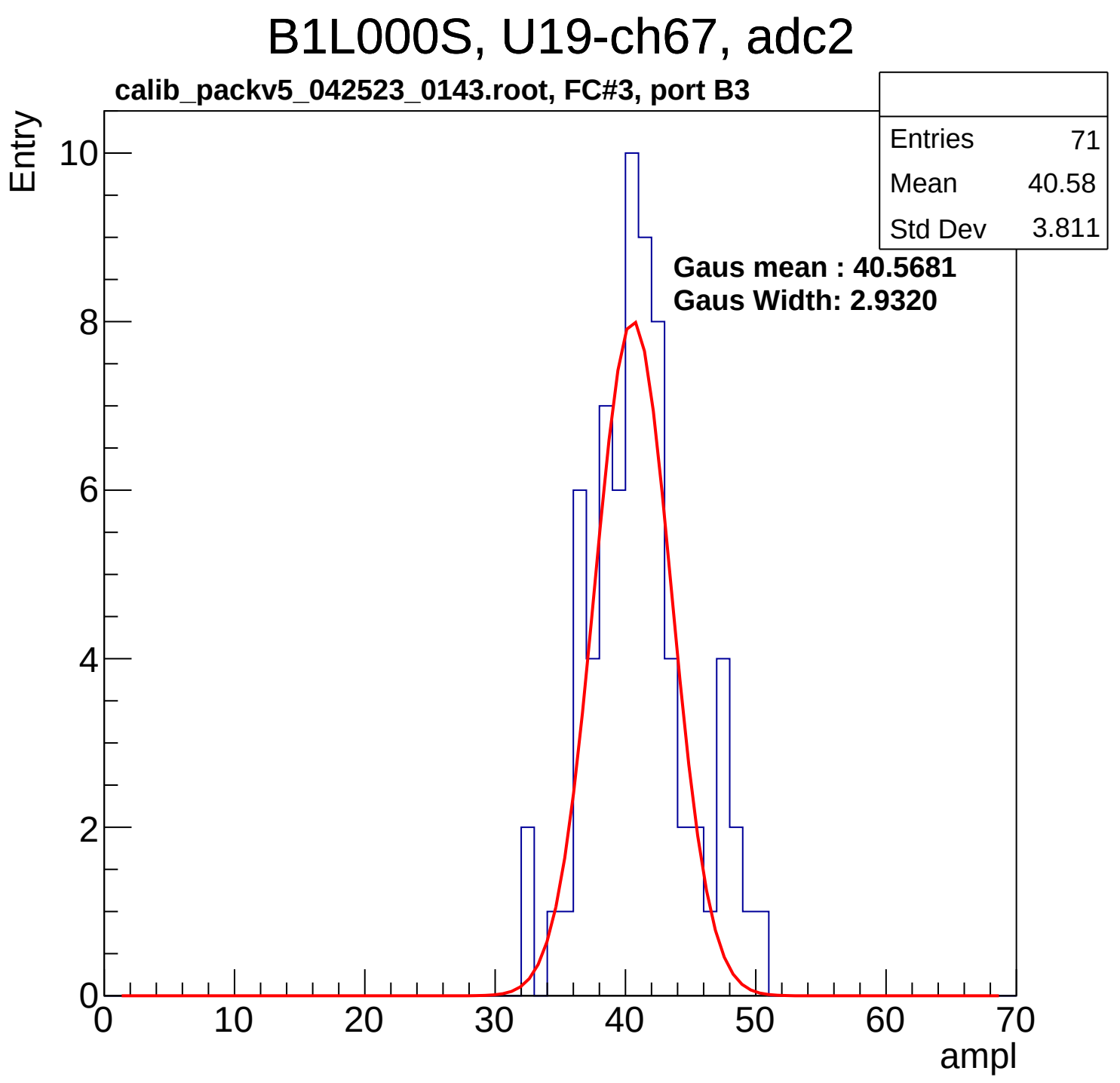
B1L000S, U19-ch67, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 40.58
Std Dev 3.811
Gaus mean : 40.5681
Gaus Width: 2.9320
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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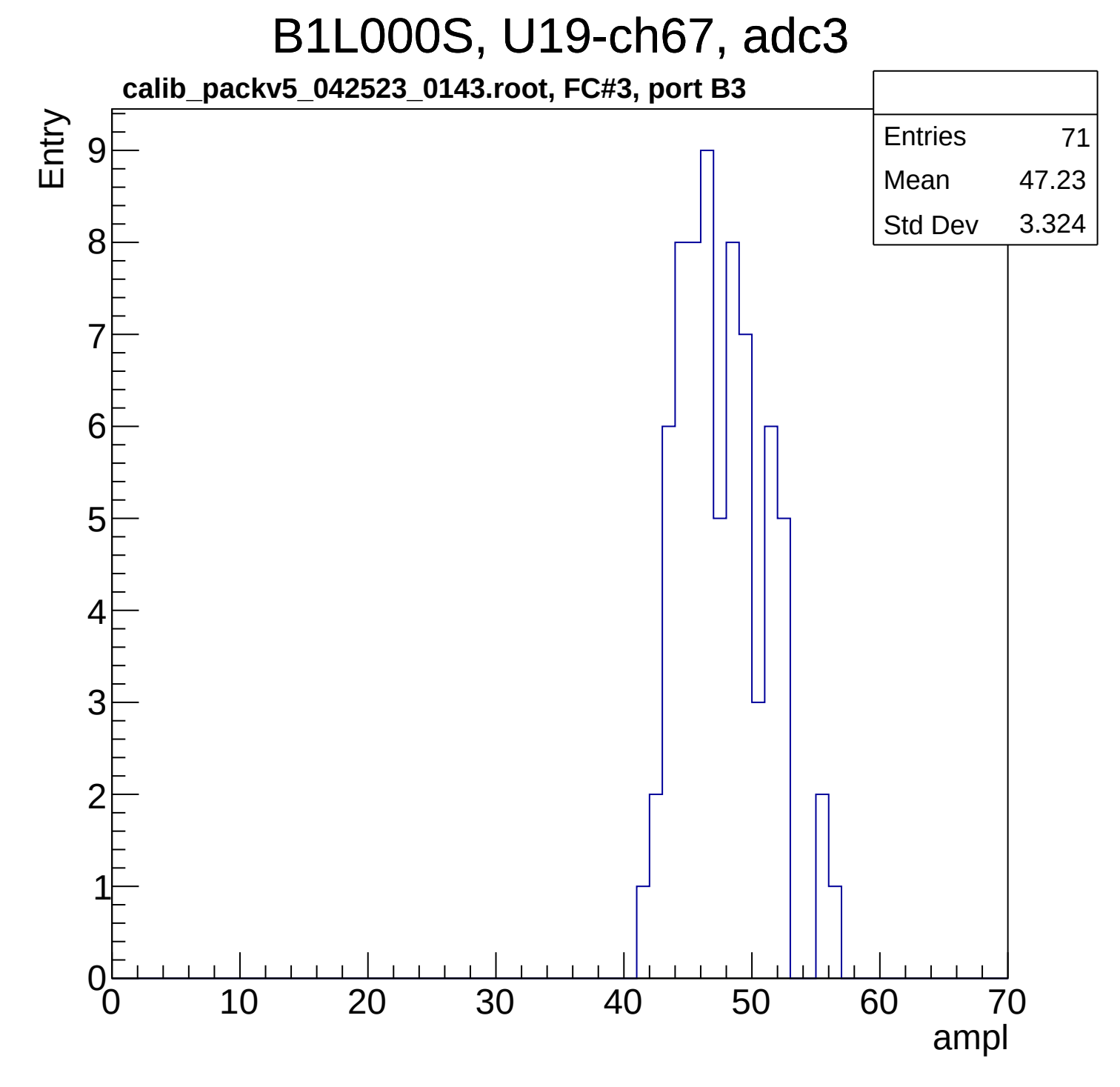
B1L000S, U19-ch67, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 47.23
Std Dev 3.324
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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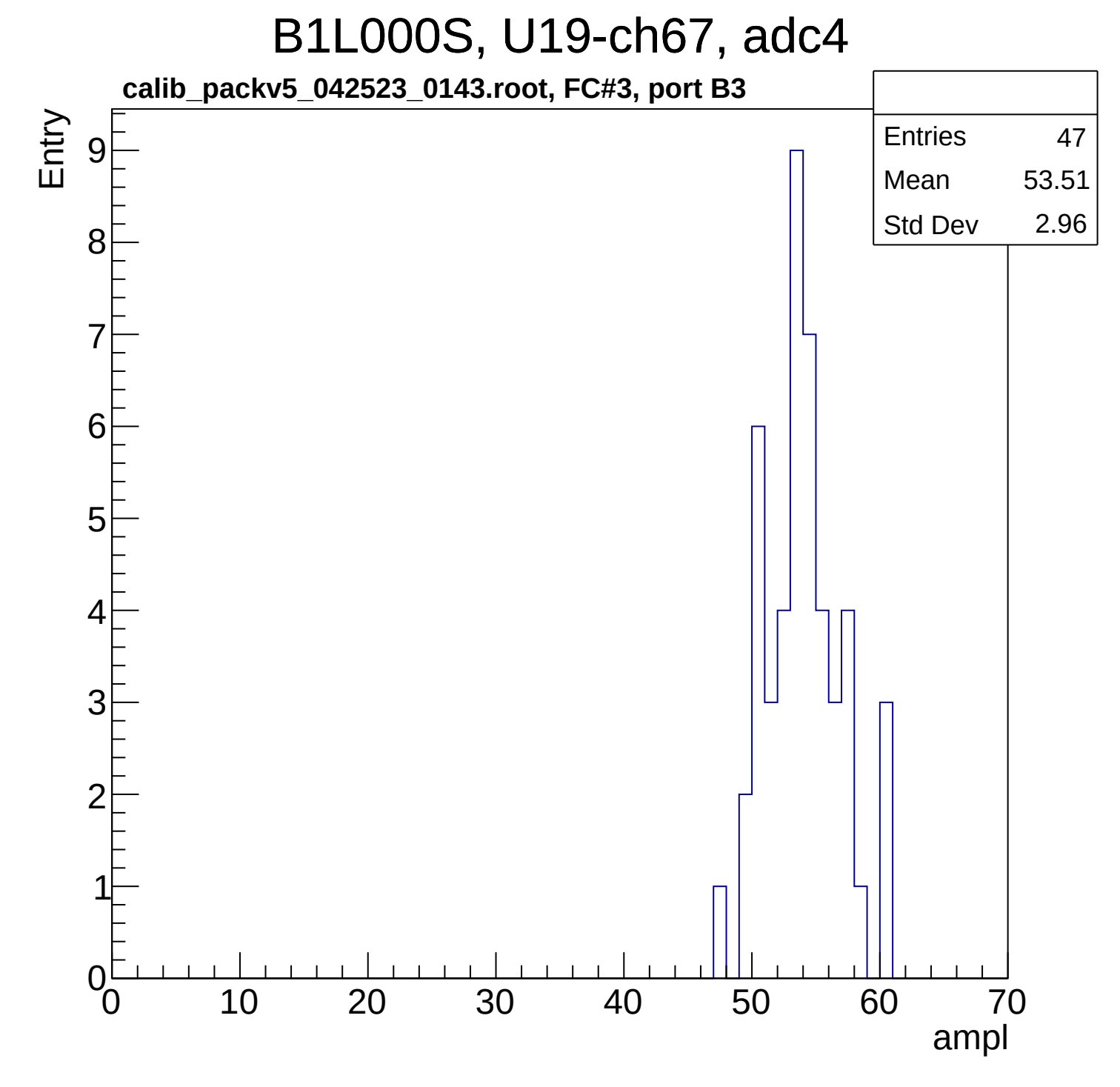
40
50
60
70


B1L000S, U19-ch67, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 53.51
Std Dev 2.96
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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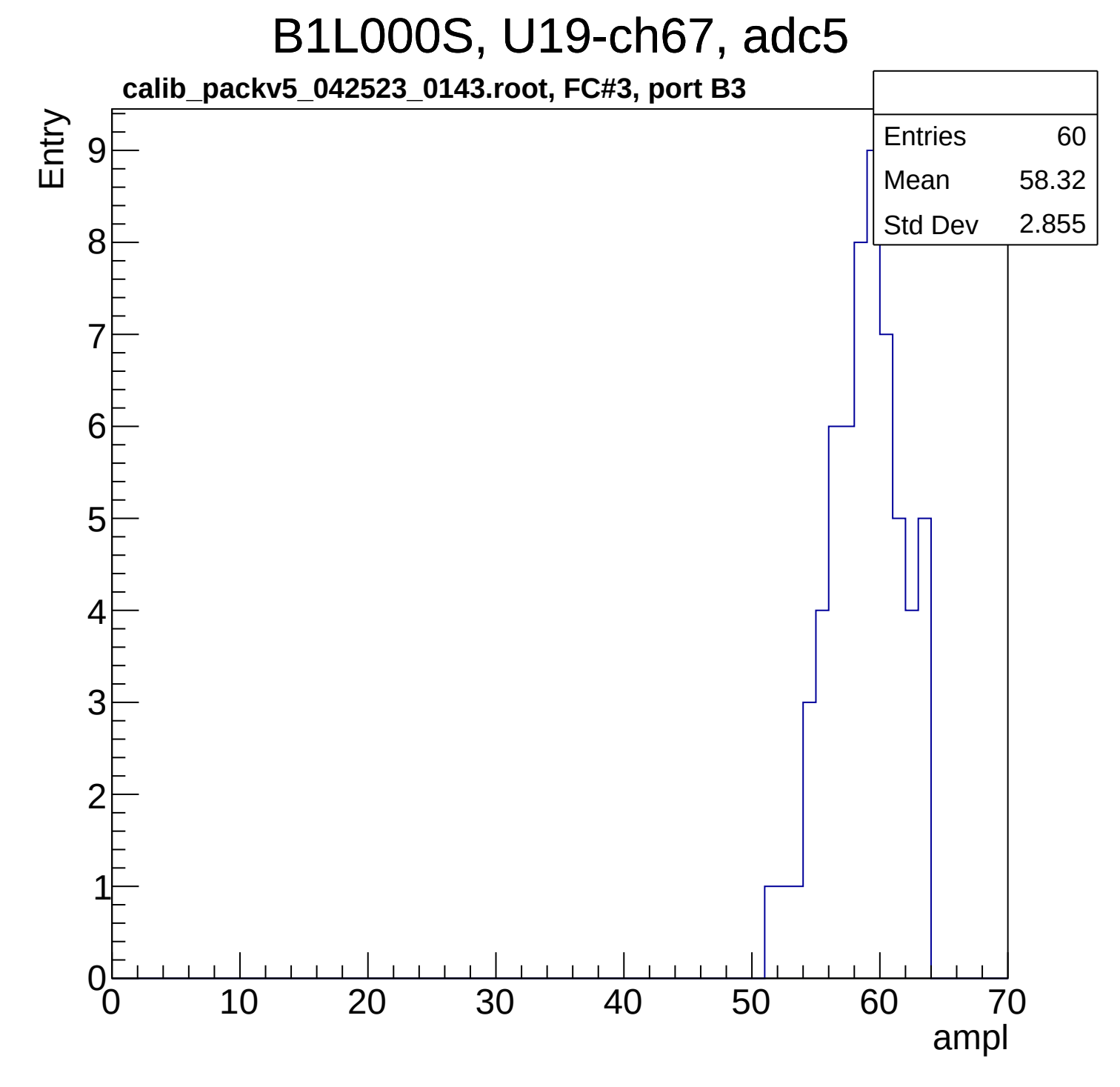
B1L000S, U19-ch67, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 58.32
Std Dev 2.855
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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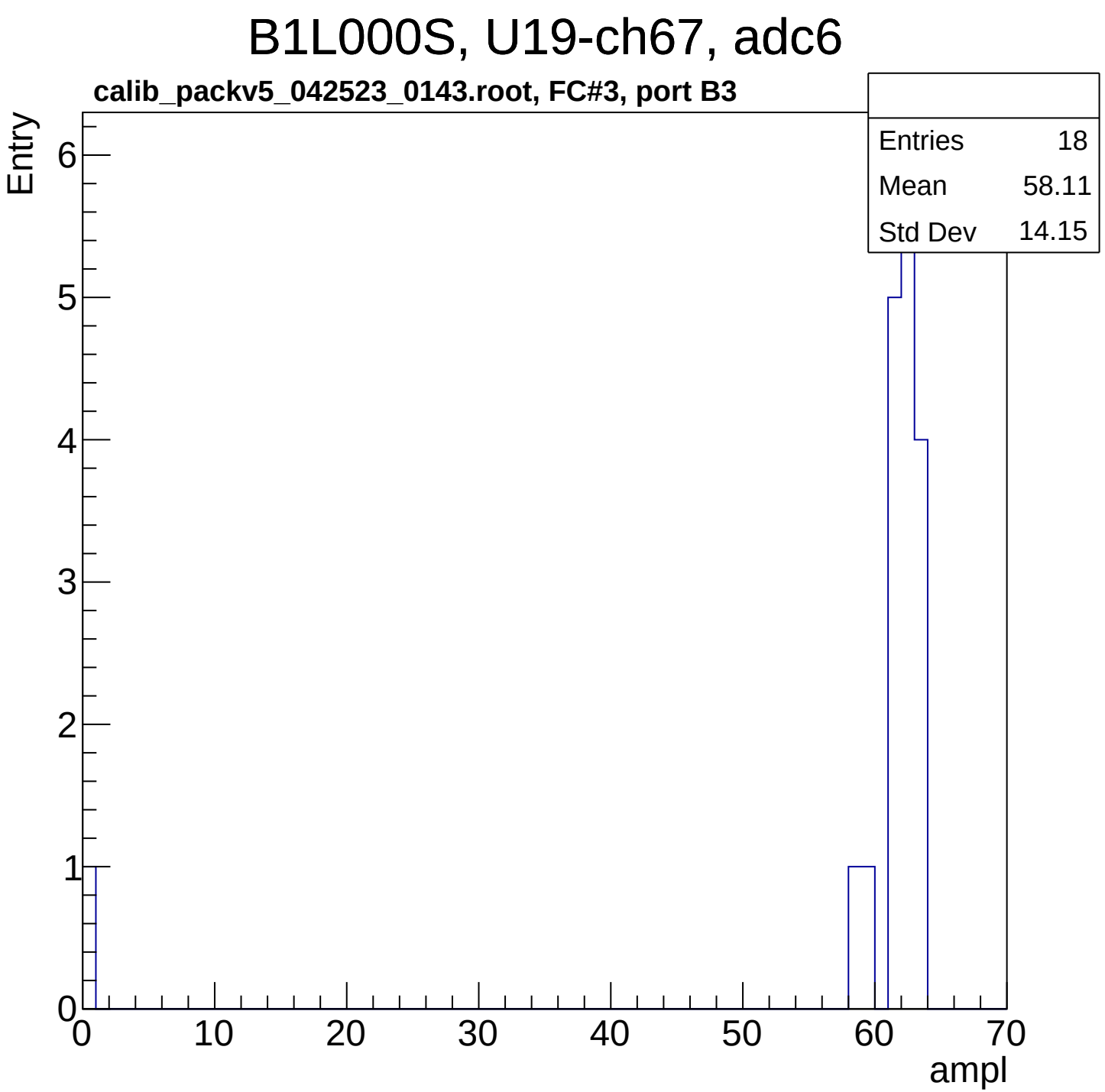
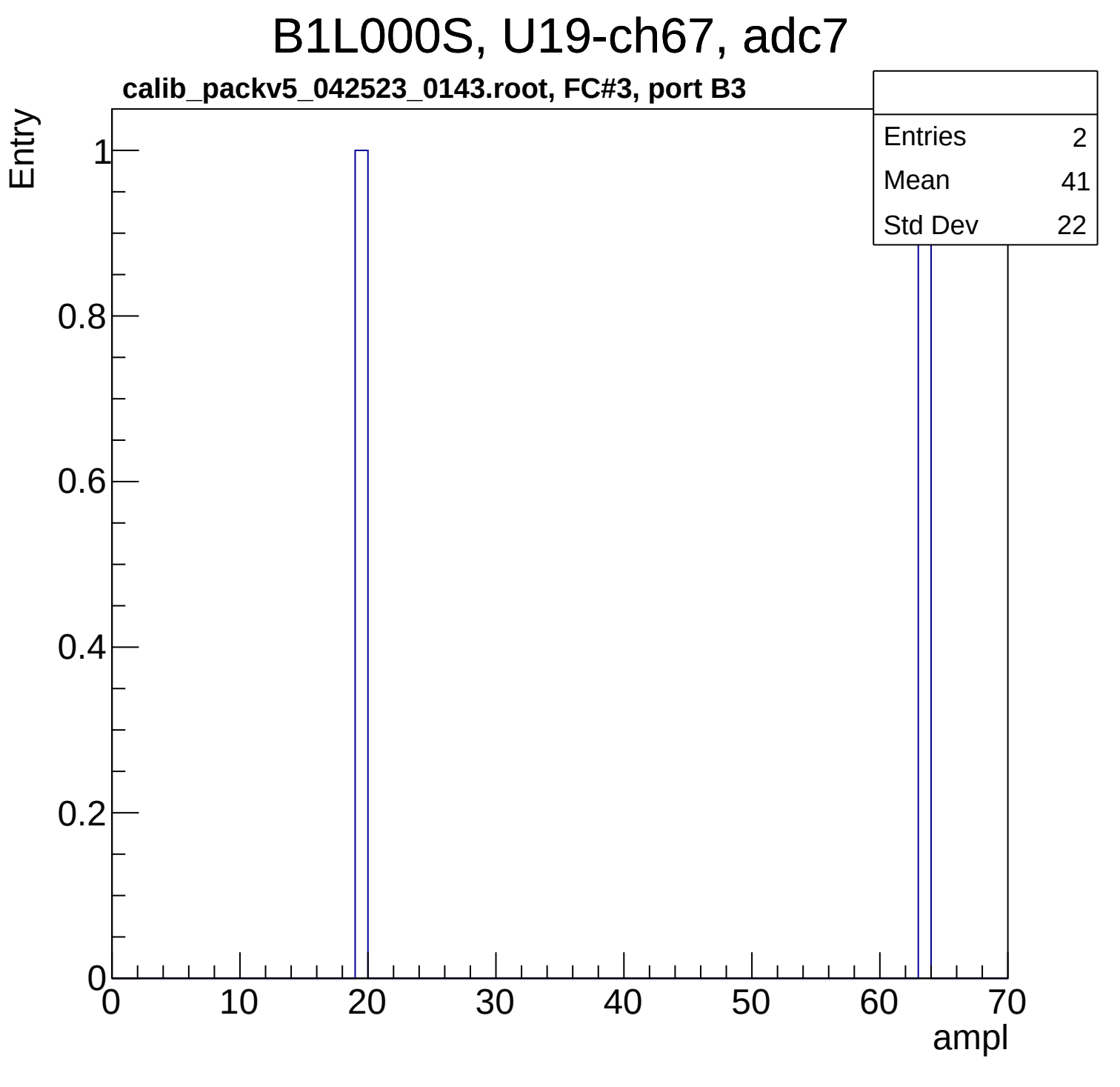

B1L000S, U19-ch67, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 18
Mean 58.11
Std Dev 14.15
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch67, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 41
Std Dev 22
Entry
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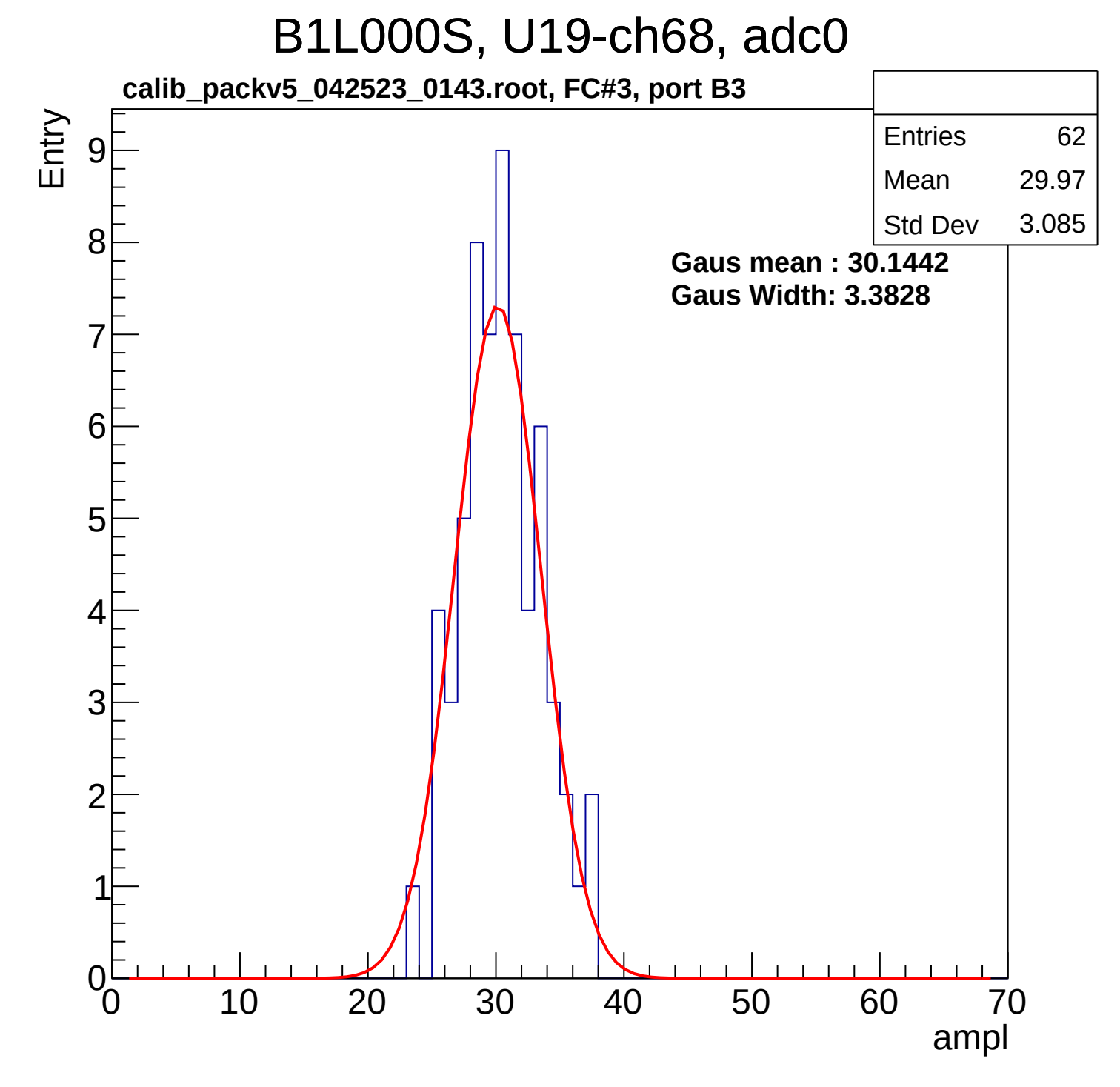
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch68, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 29.97
Std Dev 3.085
Gaus mean : 30.1442
Gaus Width: 3.3828
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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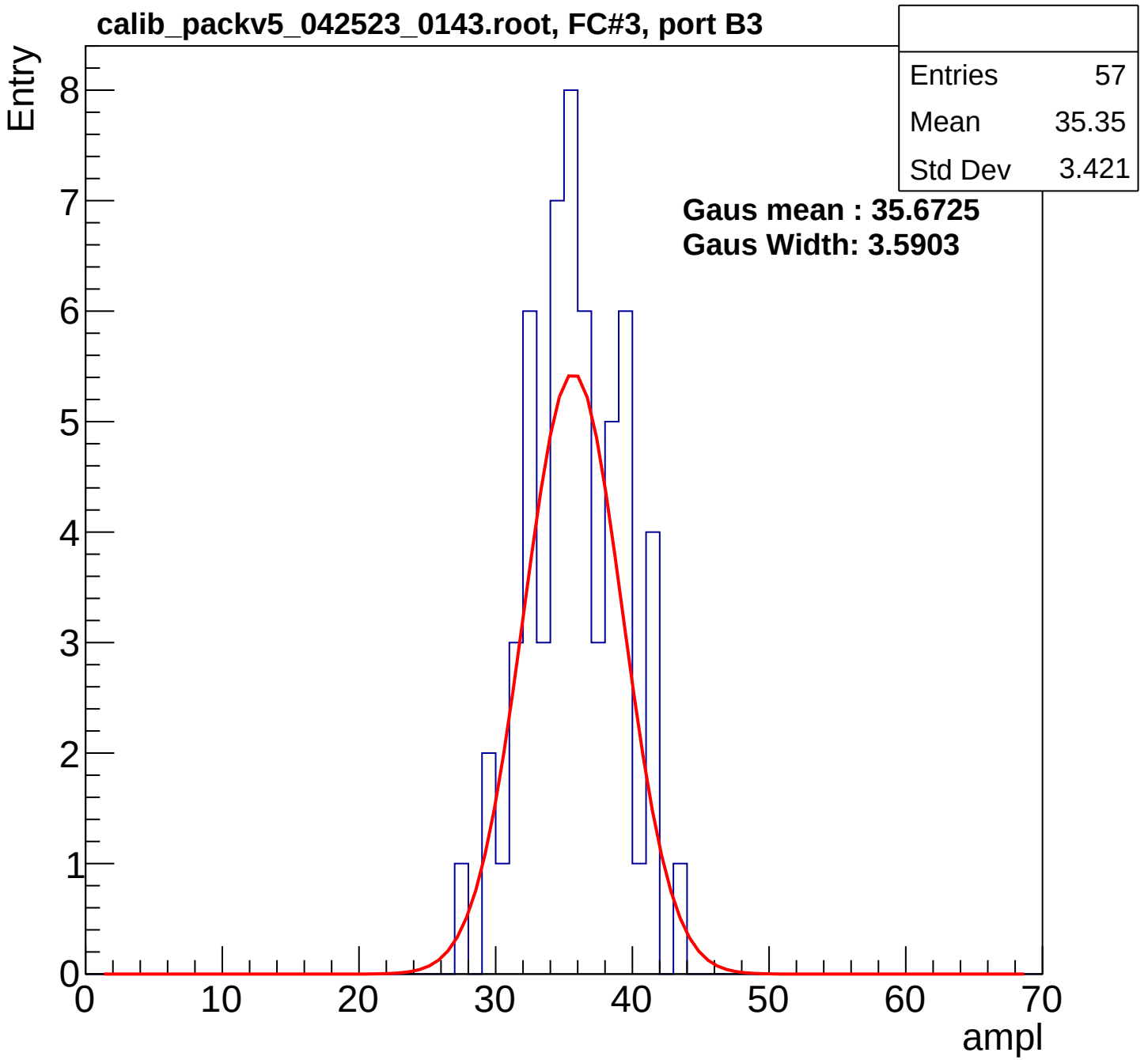
B1L000S, U19-ch68, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 35.35
Std Dev 3.421
Gaus mean : 35.6725
Gaus Width: 3.5903
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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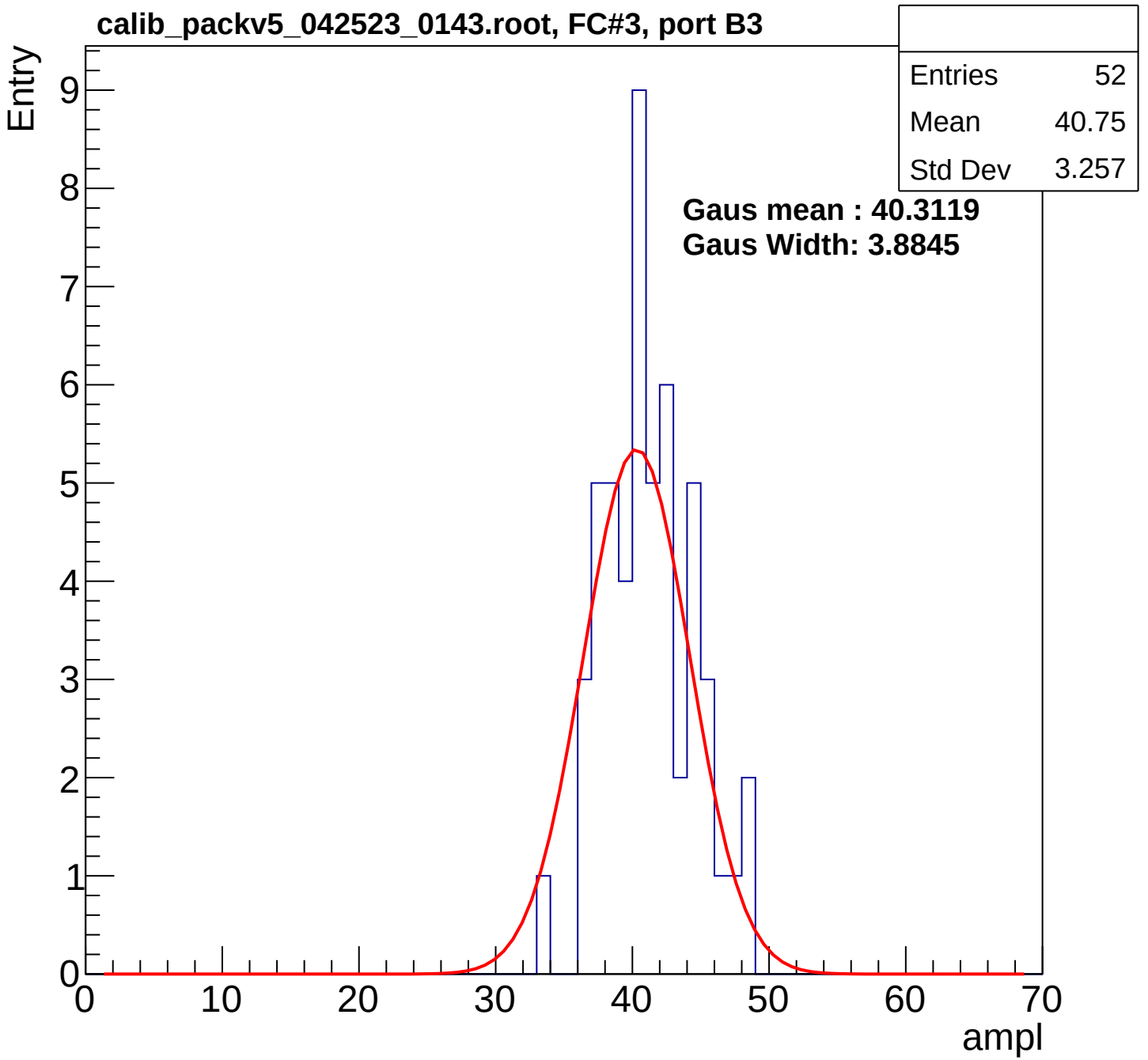
B1L000S, U19-ch68, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 40.75
Std Dev 3.257
Gaus mean : 40.3119
Gaus Width: 3.8845
Entry
ampl
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3
4
5
6
7
8
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0
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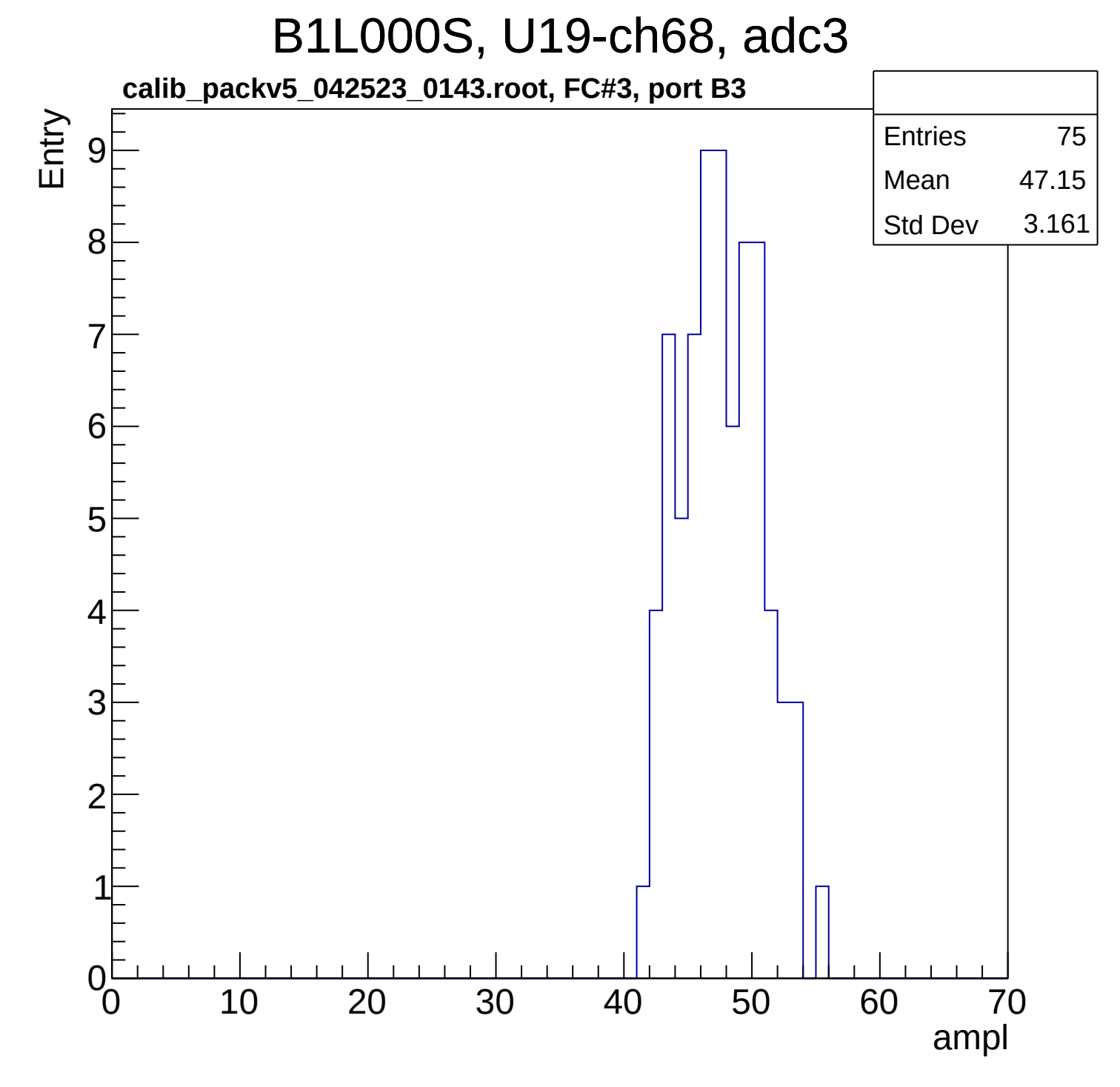
B1L000S, U19-ch68, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 47.15
Std Dev 3.161
Entry
ampl
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0
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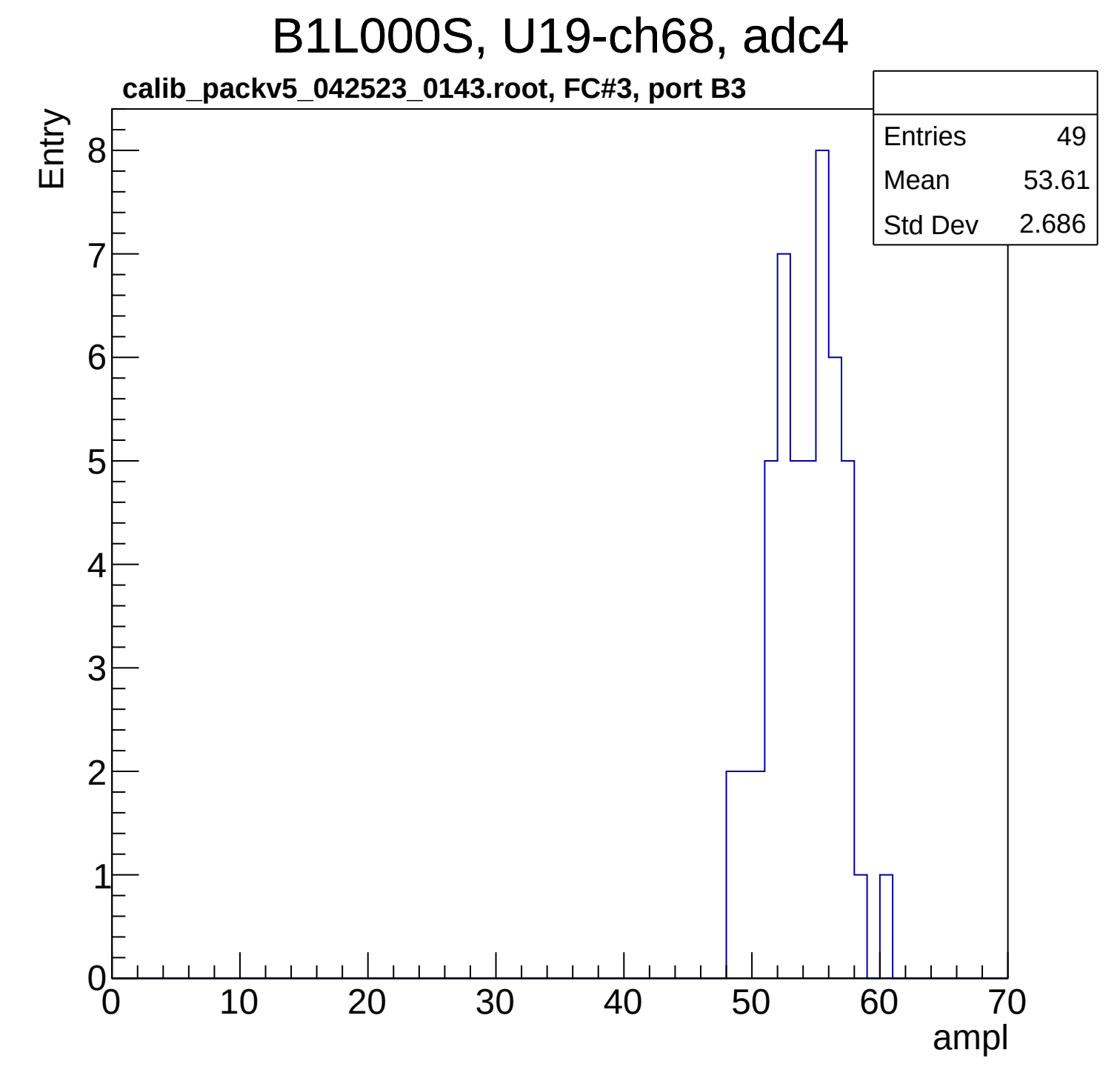
B1L000S, U19-ch68, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 53.61
Std Dev 2.686
Entry
ampl
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4
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0
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60
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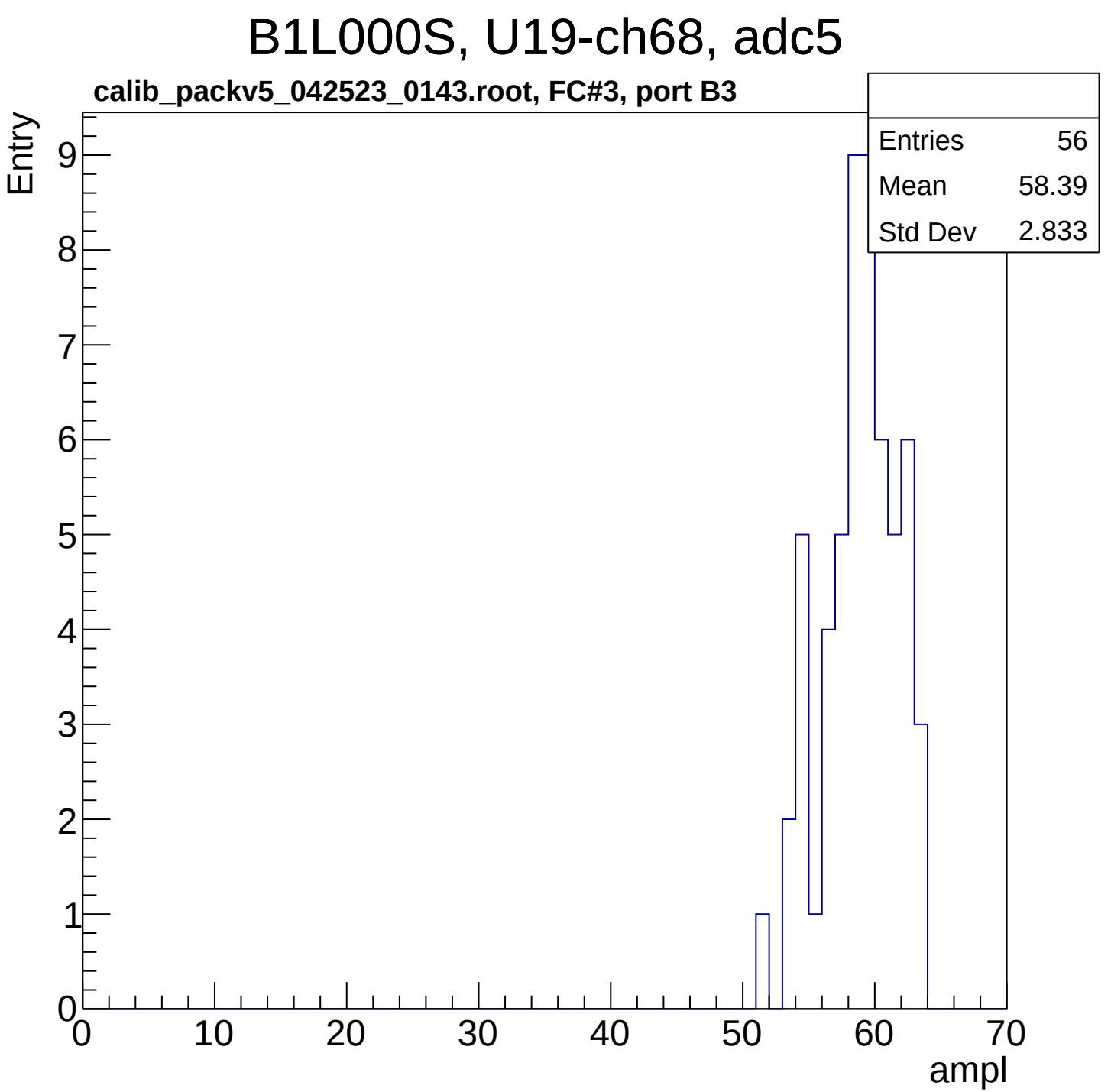
B1L000S, U19-ch68, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 58.39
Std Dev 2.833
Entry
ampl
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3
4
5
6
7
8
9
0
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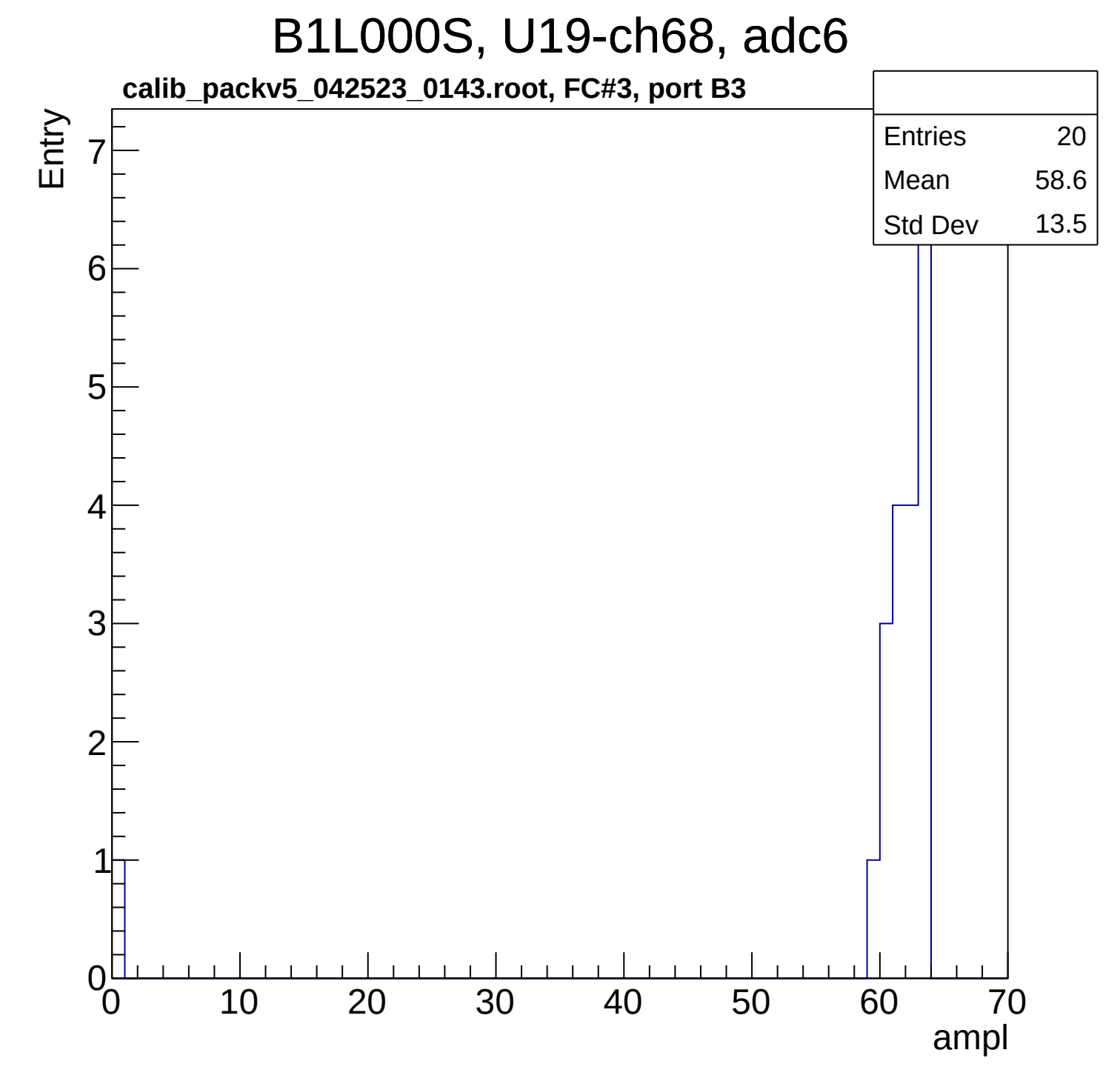
B1L000S, U19-ch68, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 20
Mean 58.6
Std Dev 13.5
Entry
ampl
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2
3
4
5
6
7
0
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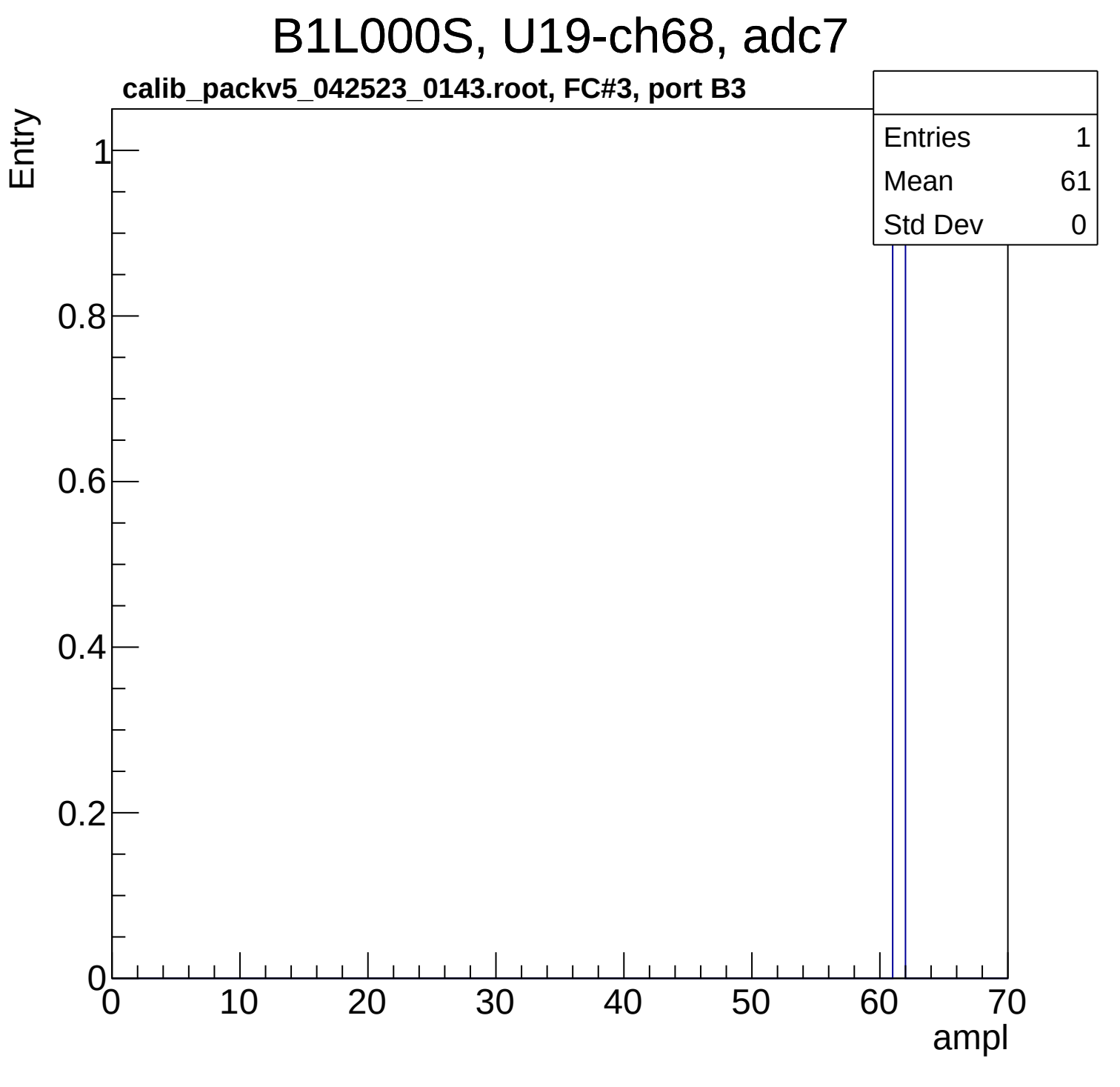
20
30
40
50
60
70


B1L000S, U19-ch68, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 61
Std Dev 0
Entry
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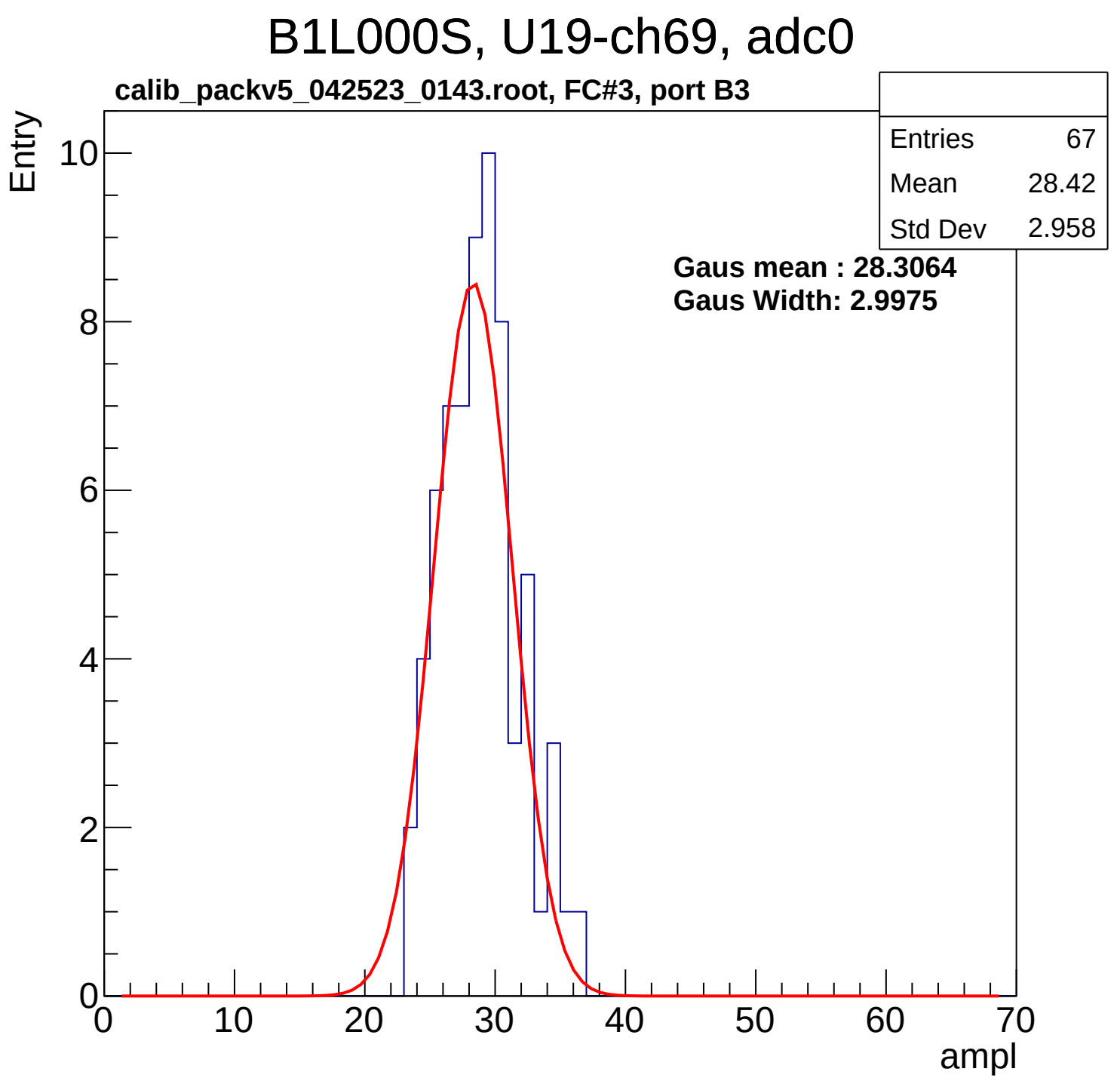
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch69, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 28.42
Std Dev 2.958
Gaus mean : 28.3064
Gaus Width: 2.9975
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
50
60
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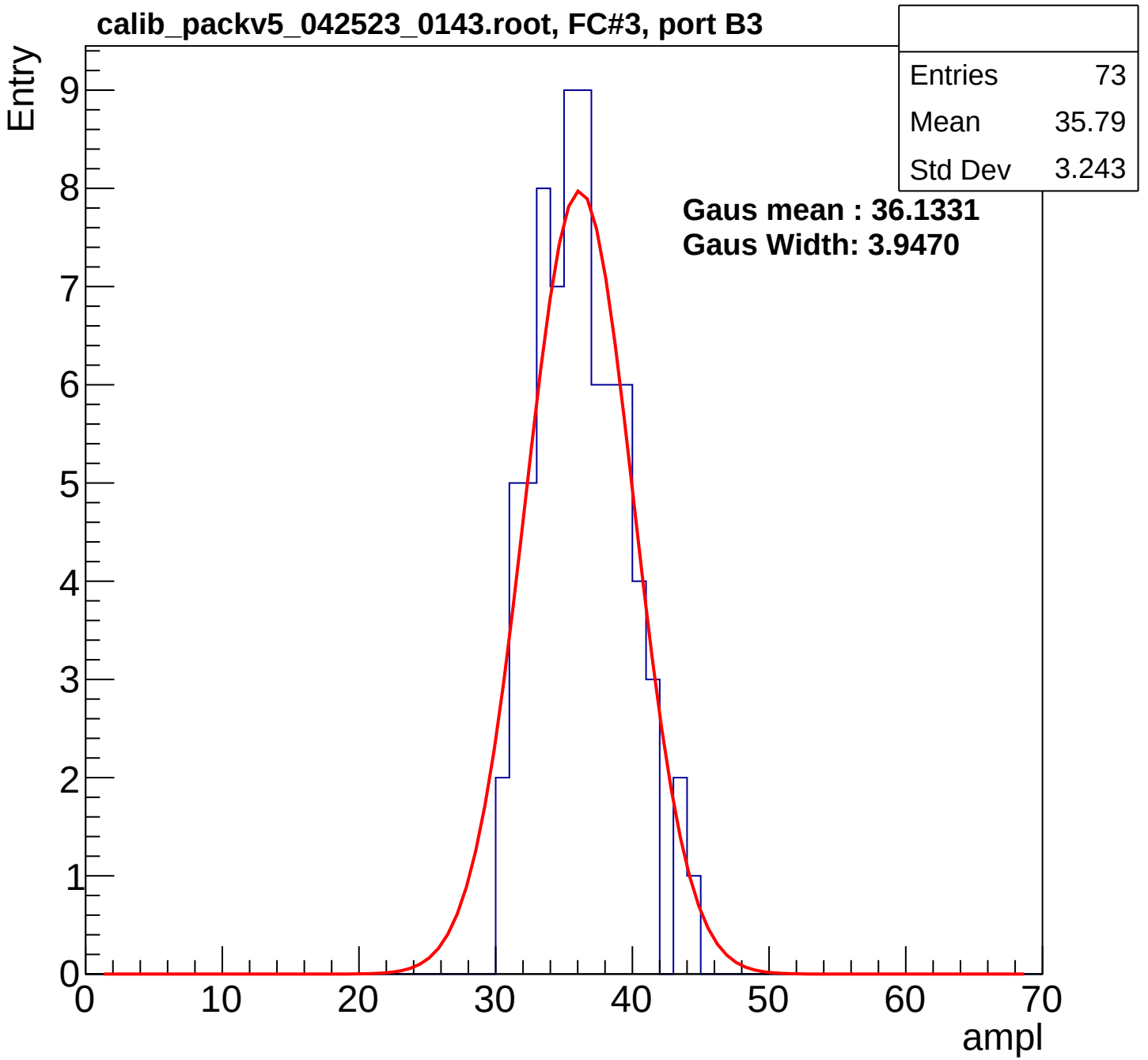
B1L000S, U19-ch69, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 35.79
Std Dev 3.243
Gaus mean : 36.1331
Gaus Width: 3.9470
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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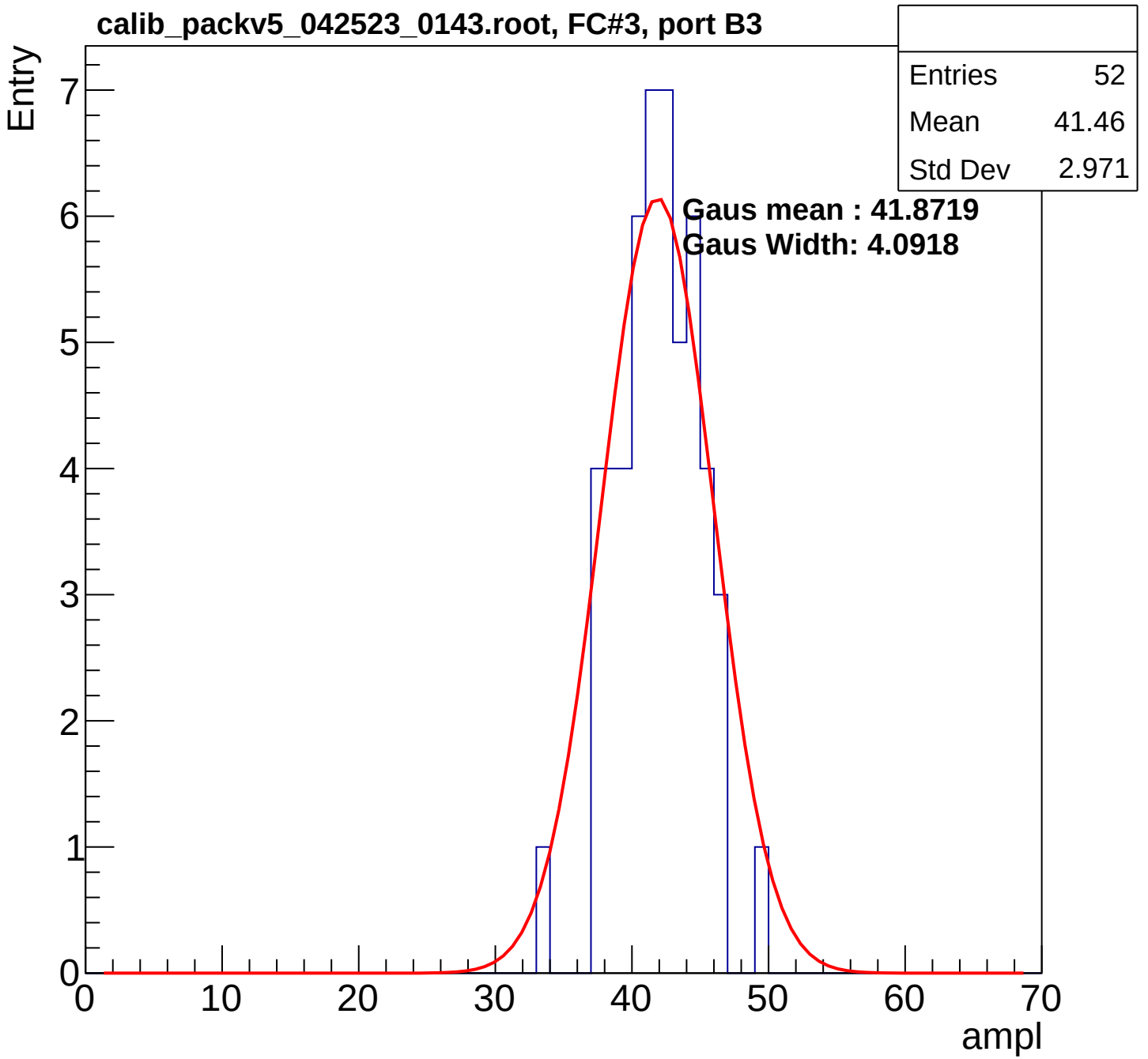
B1L000S, U19-ch69, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 41.46
Std Dev 2.971
Gaus mean : 41.8719
Gaus Width: 4.0918
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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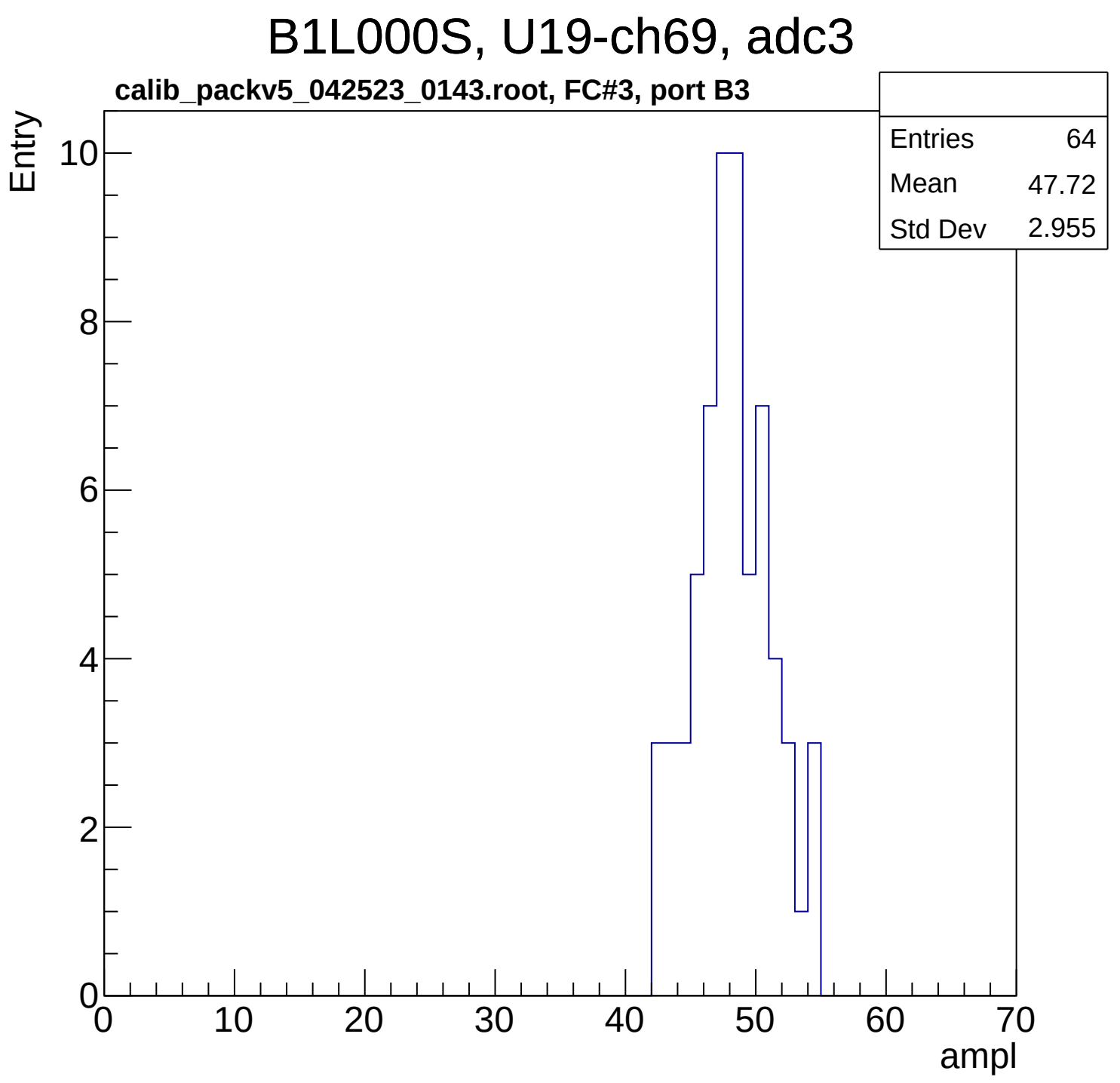
B1L000S, U19-ch69, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 47.72
Std Dev 2.955
Entry
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4
6
8
10
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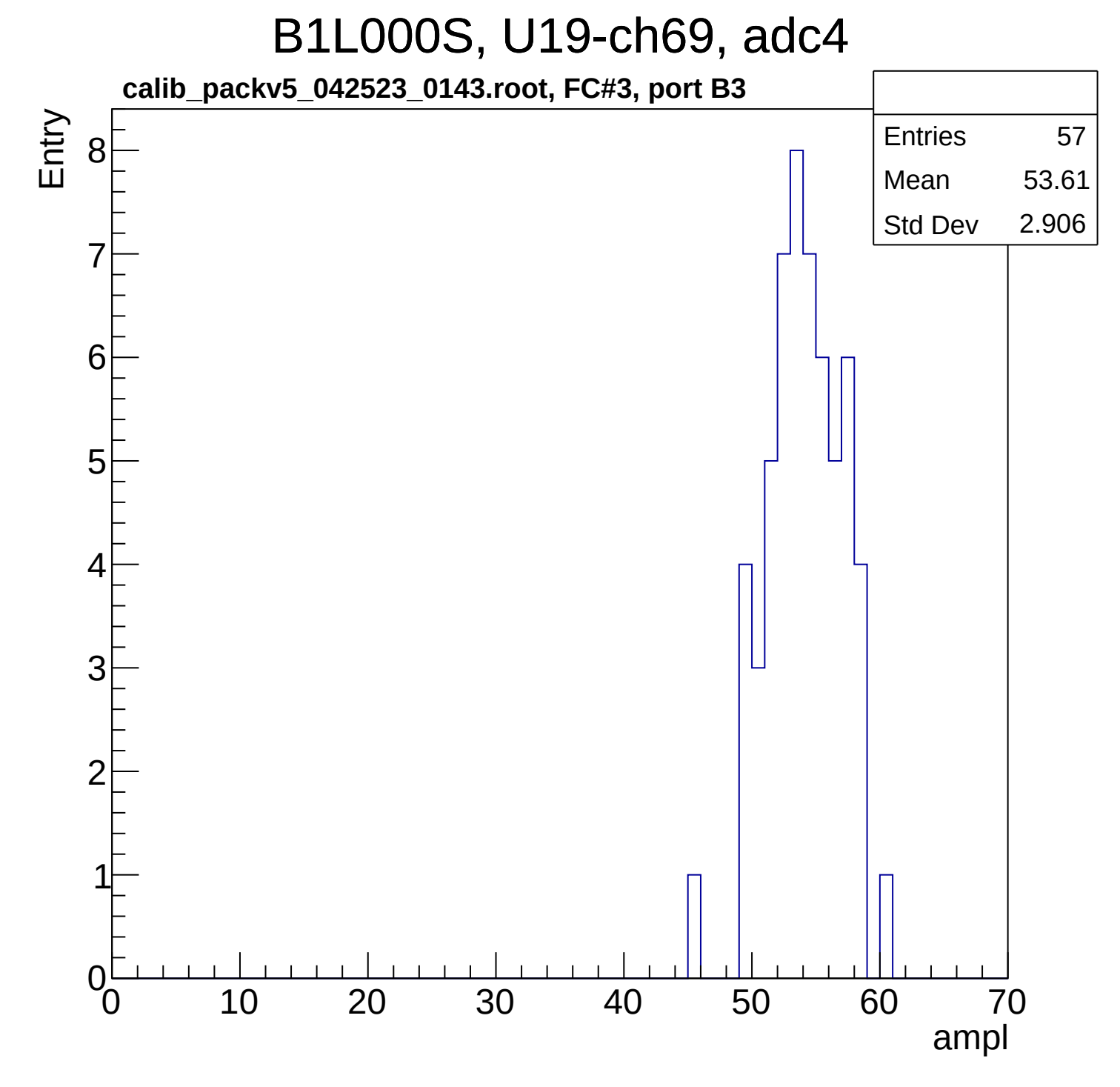
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch69, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 53.61
Std Dev 2.906
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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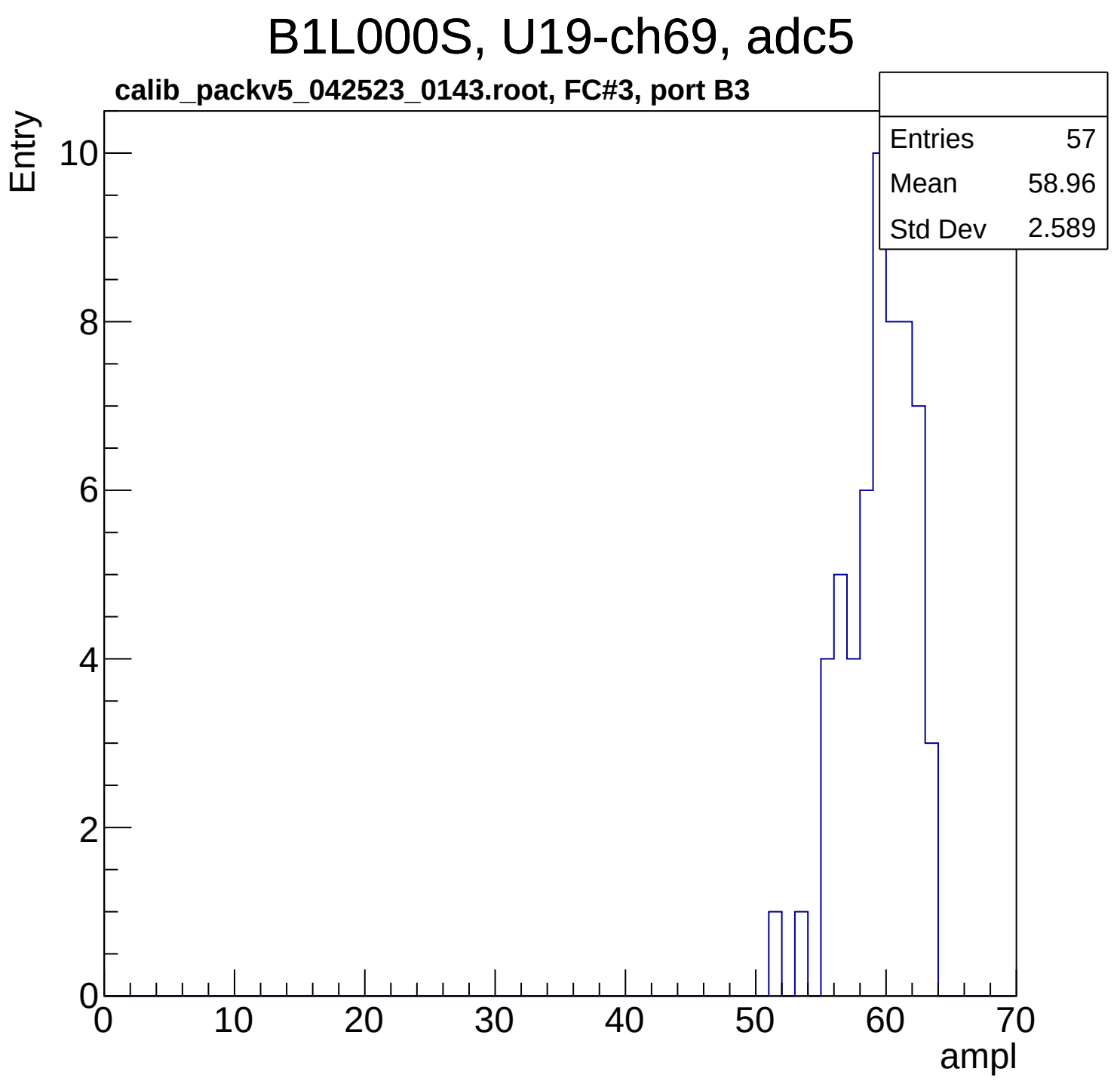
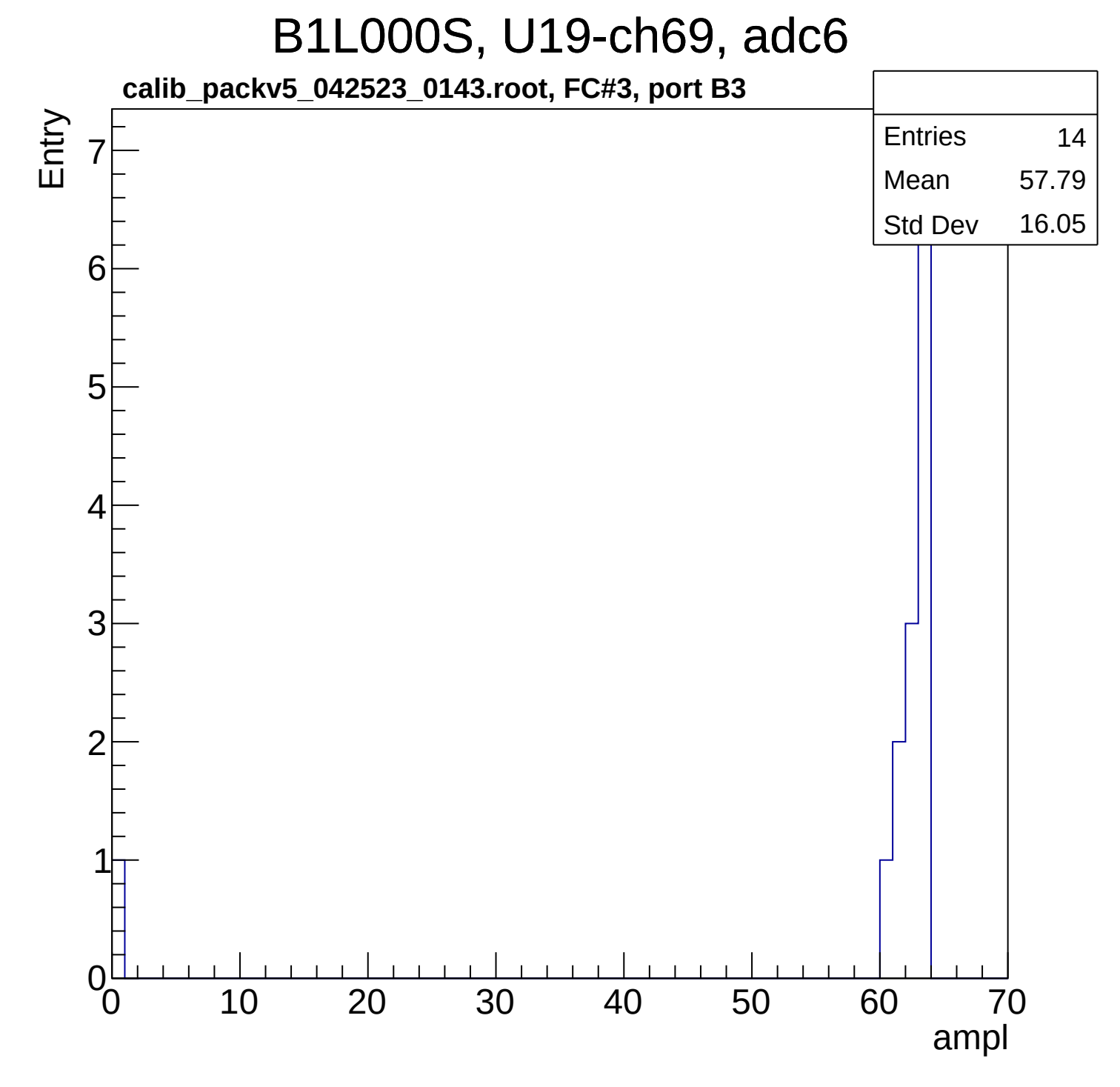

B1L000S, U19-ch69, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 58.96
Std Dev 2.589
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch69, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 57.79
Std Dev 16.05
Entry
ampl
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1
2
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4
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0
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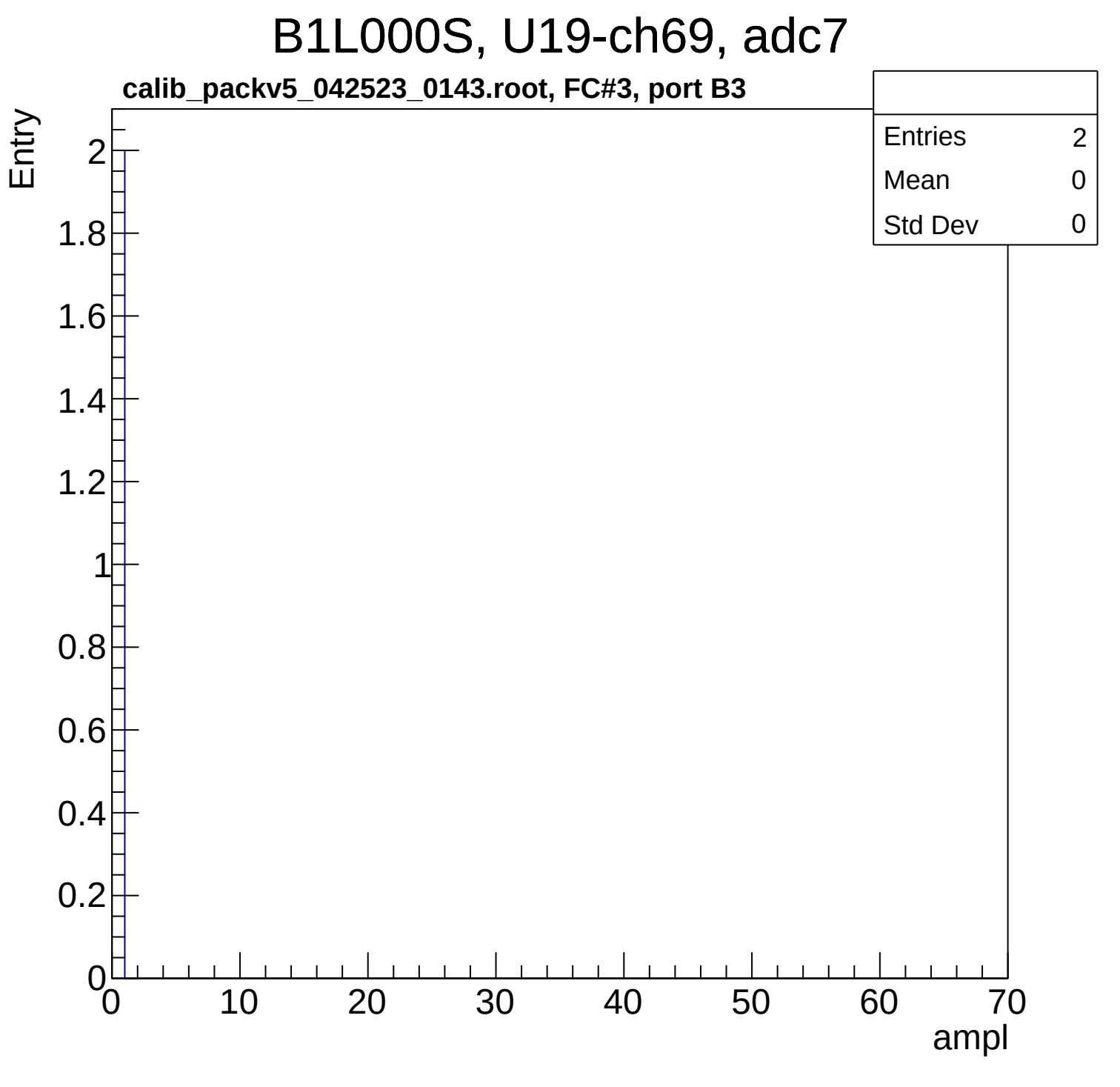
B1L000S, U19-ch69, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
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0.6
0.4
0.2
0
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50
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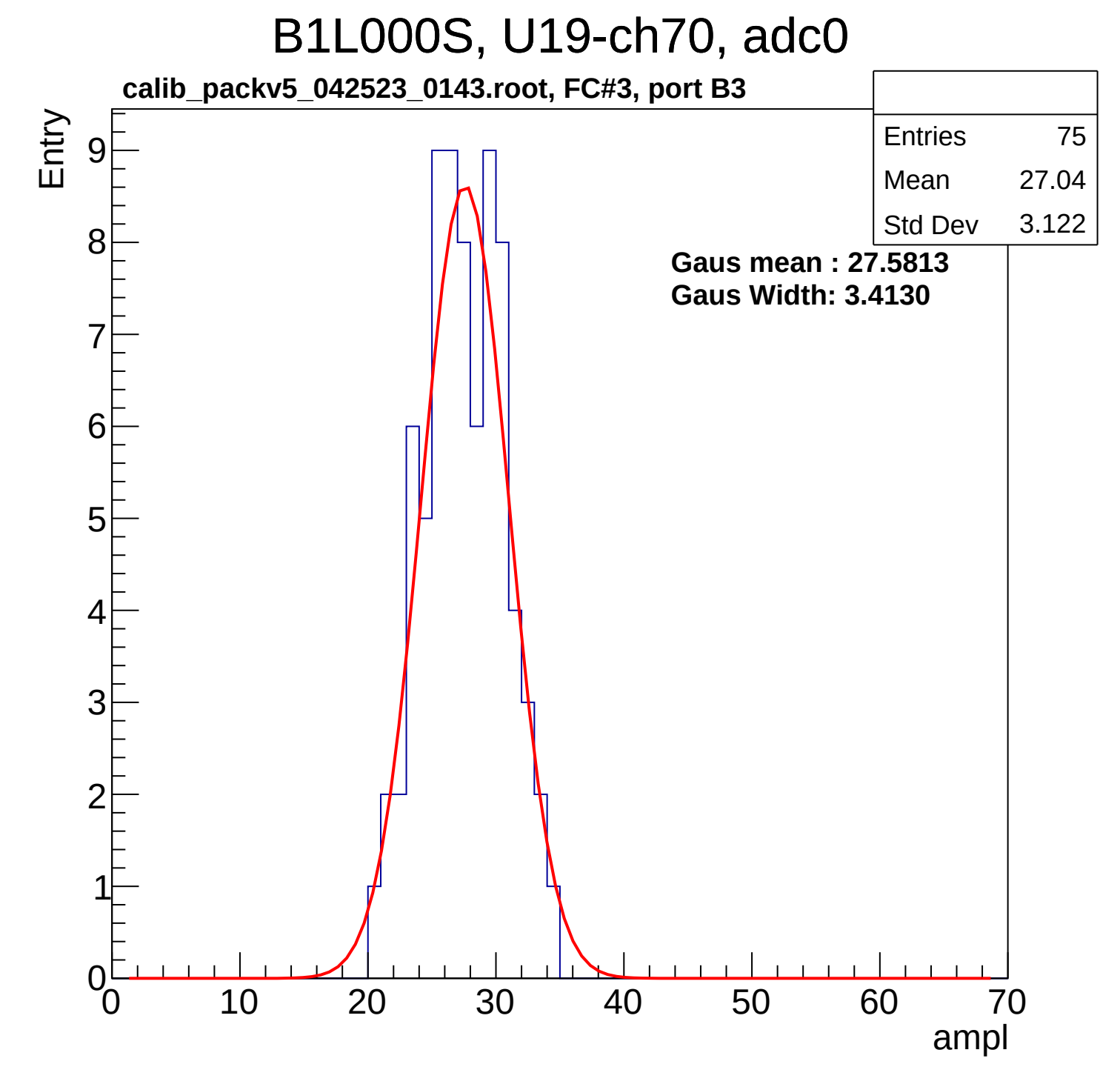
70
ampl


B1L000S, U19-ch70, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 27.04
Std Dev 3.122
Gaus mean : 27.5813
Gaus Width: 3.4130
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
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40
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60
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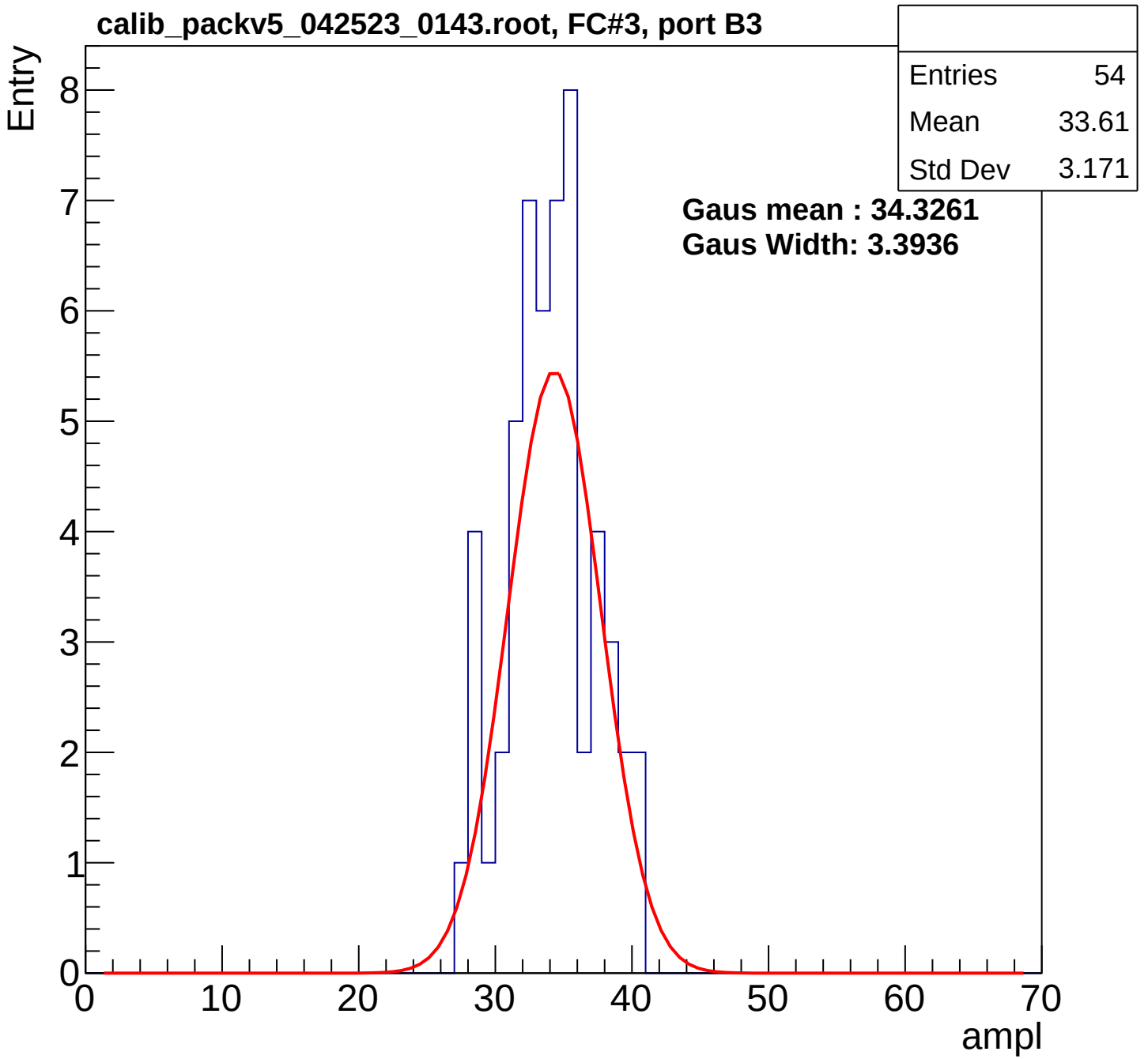
B1L000S, U19-ch70, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 33.61
Std Dev 3.171
Gaus mean : 34.3261
Gaus Width: 3.3936
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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20
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40
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60
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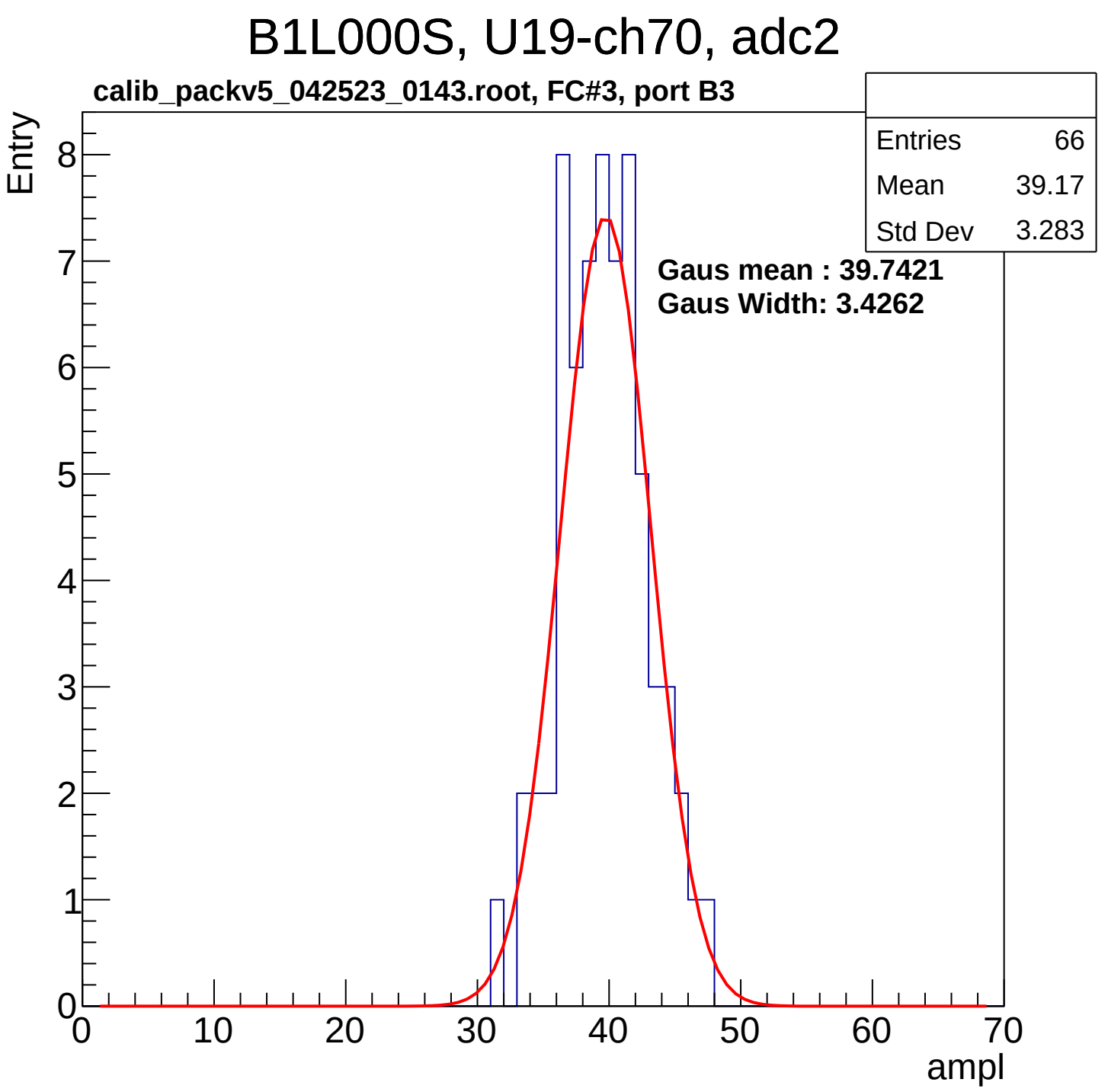
B1L000S, U19-ch70, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 39.17
Std Dev 3.283
Gaus mean : 39.7421
Gaus Width: 3.4262
Entry
ampl
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1
2
3
4
5
6
7
8
0
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30
40
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60
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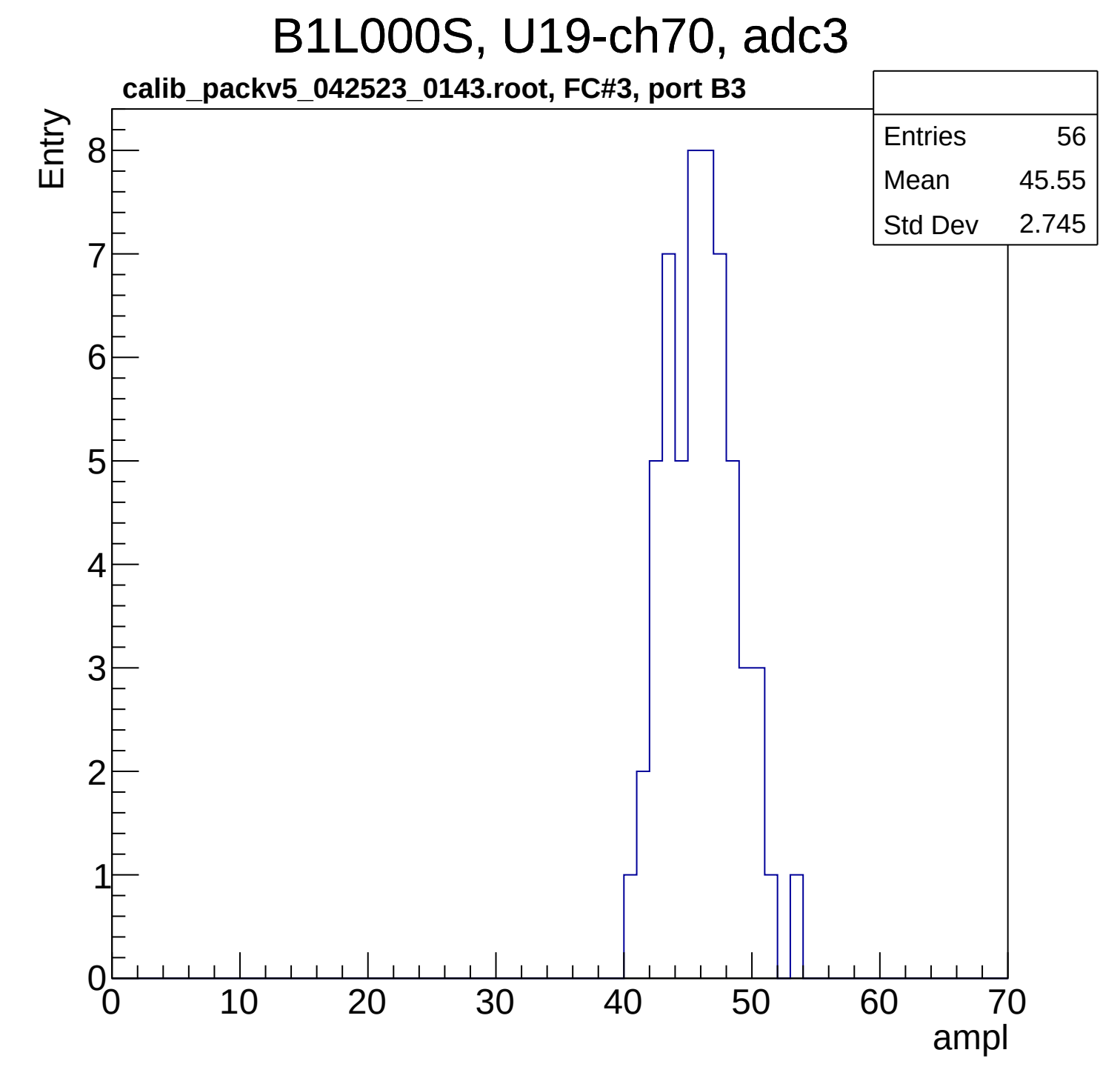
B1L000S, U19-ch70, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 45.55
Std Dev 2.745
Entry
ampl
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2
3
4
5
6
7
8
0
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20
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40
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60
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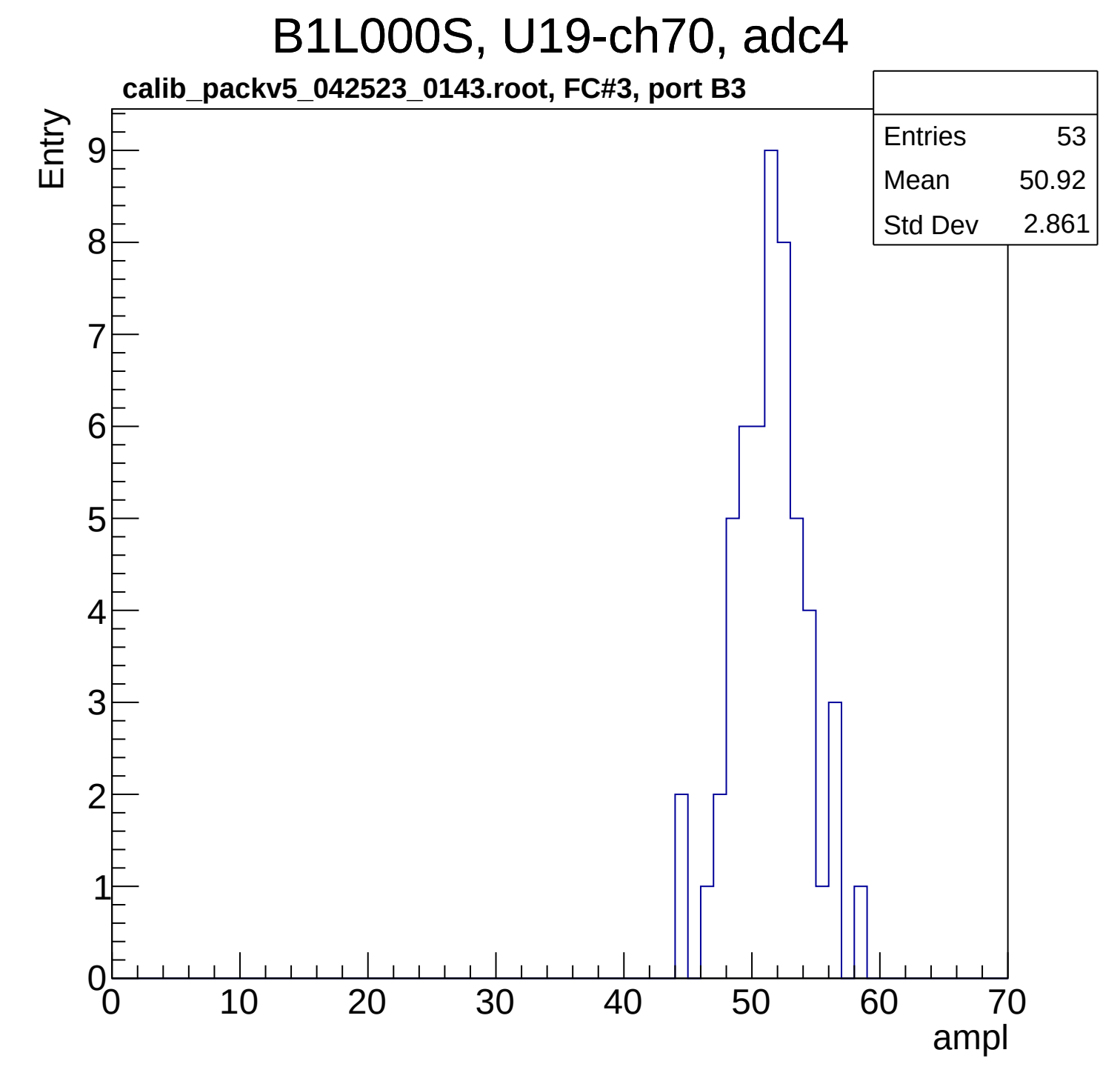
B1L000S, U19-ch70, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 50.92
Std Dev 2.861
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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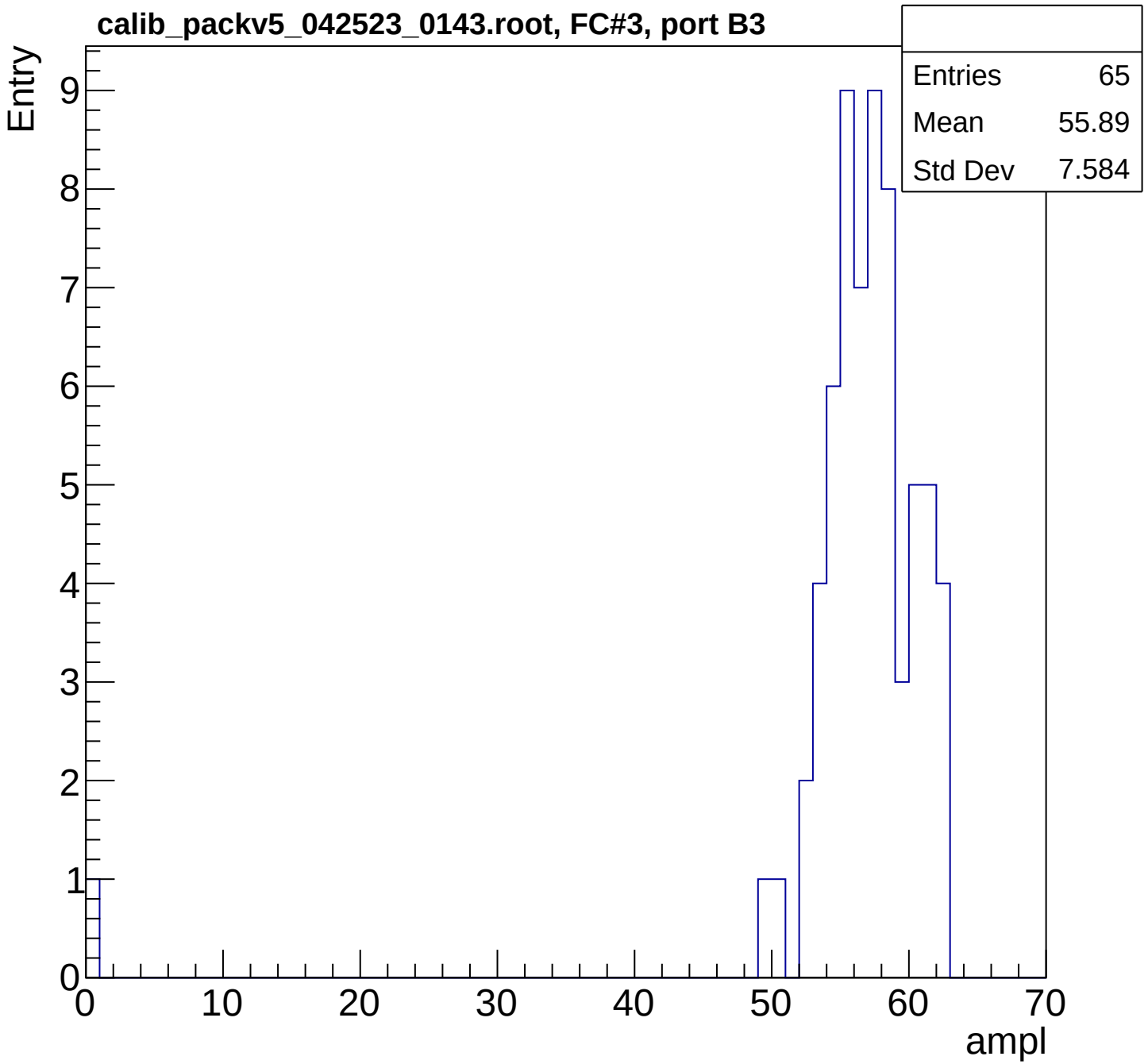
B1L000S, U19-ch70, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 55.89
Std Dev 7.584
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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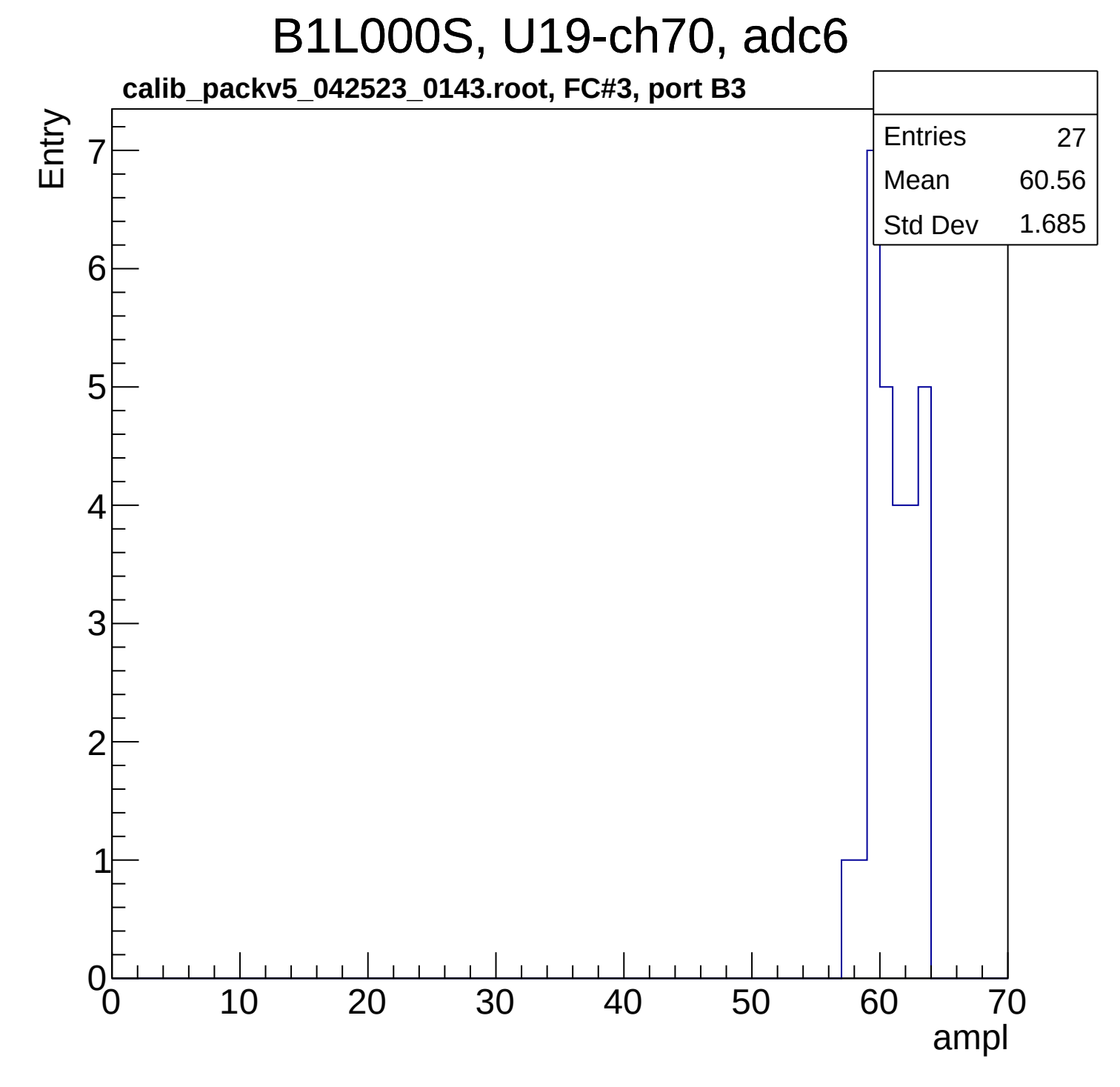
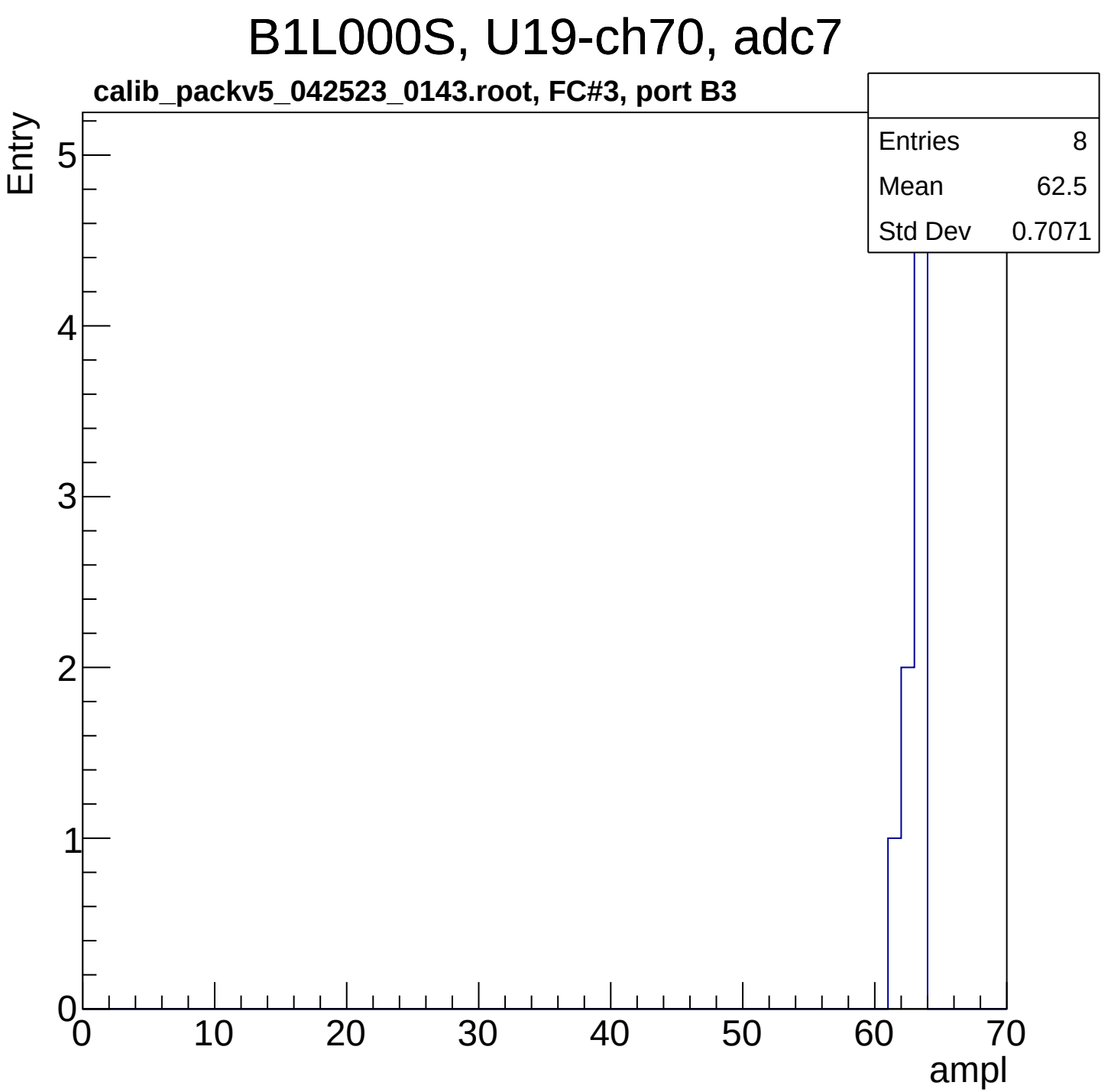
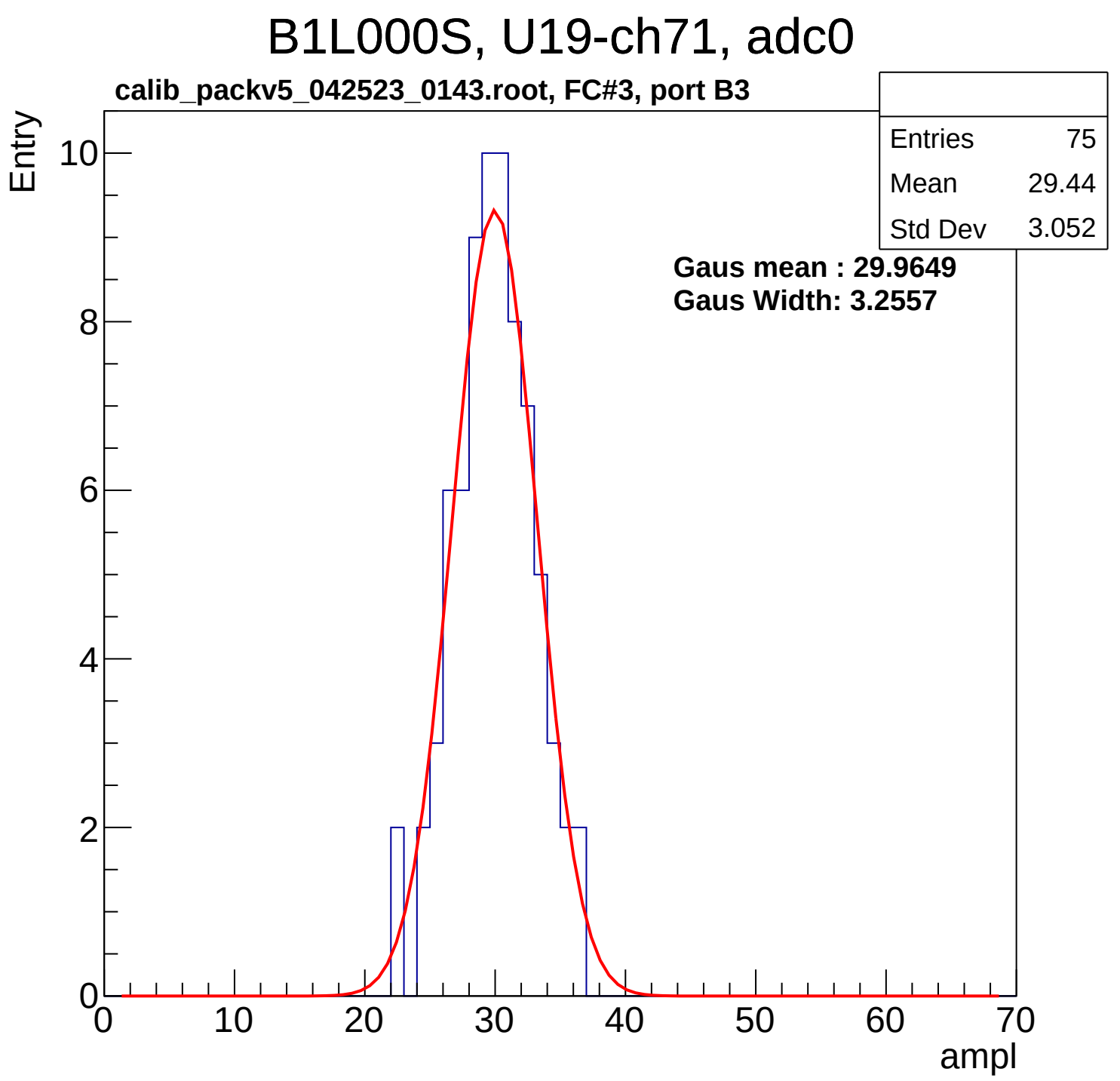
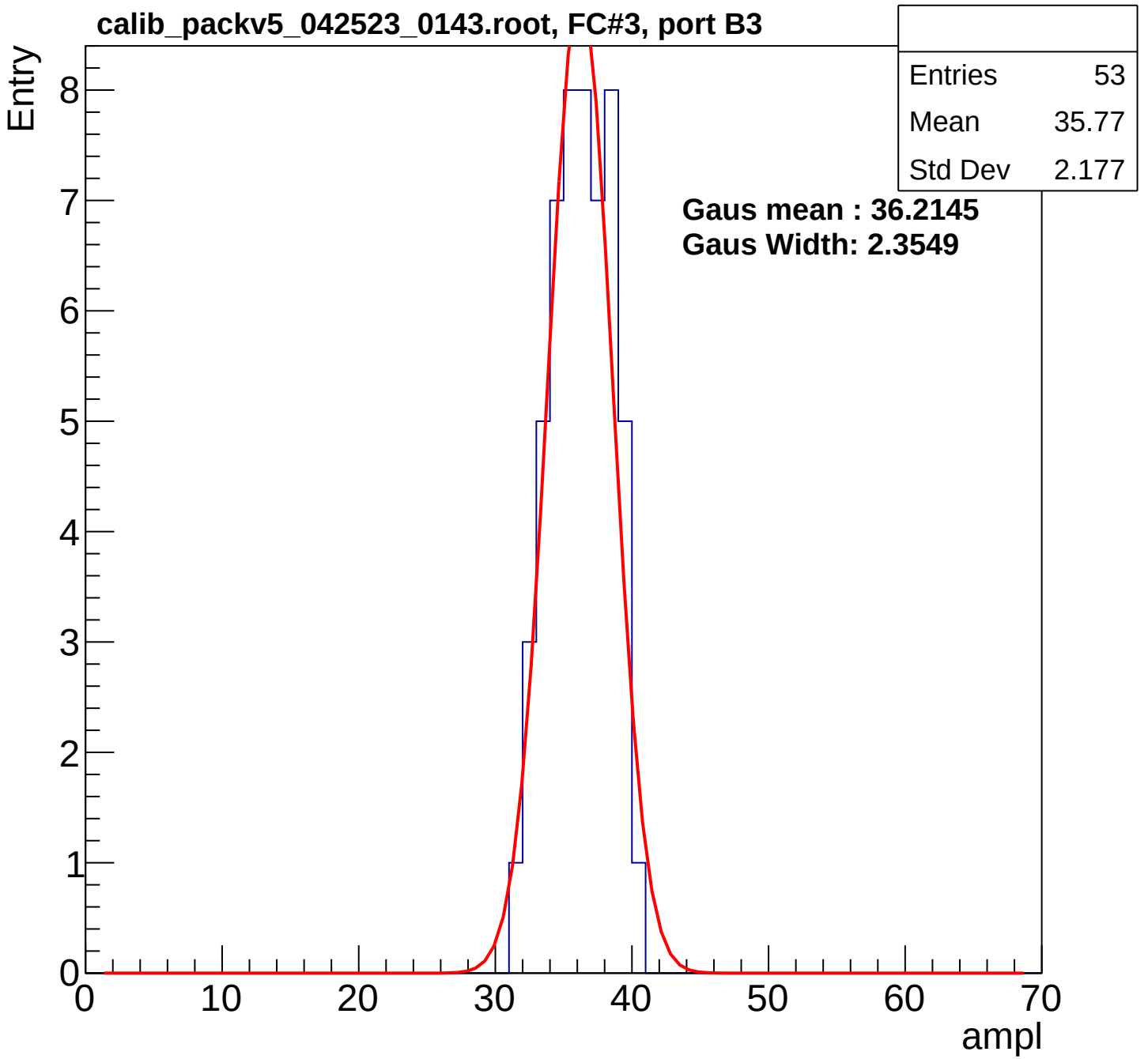

B1L000S, U19-ch70, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 27
Mean 60.56
Std Dev 1.685
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch70, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 62.5
Std Dev 0.7071
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch71, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 29.44
Std Dev 3.052
Gaus mean : 29.9649
Gaus Width: 3.2557
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch71, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 35.77
Std Dev 2.177
Gaus mean : 36.2145
Gaus Width: 2.3549
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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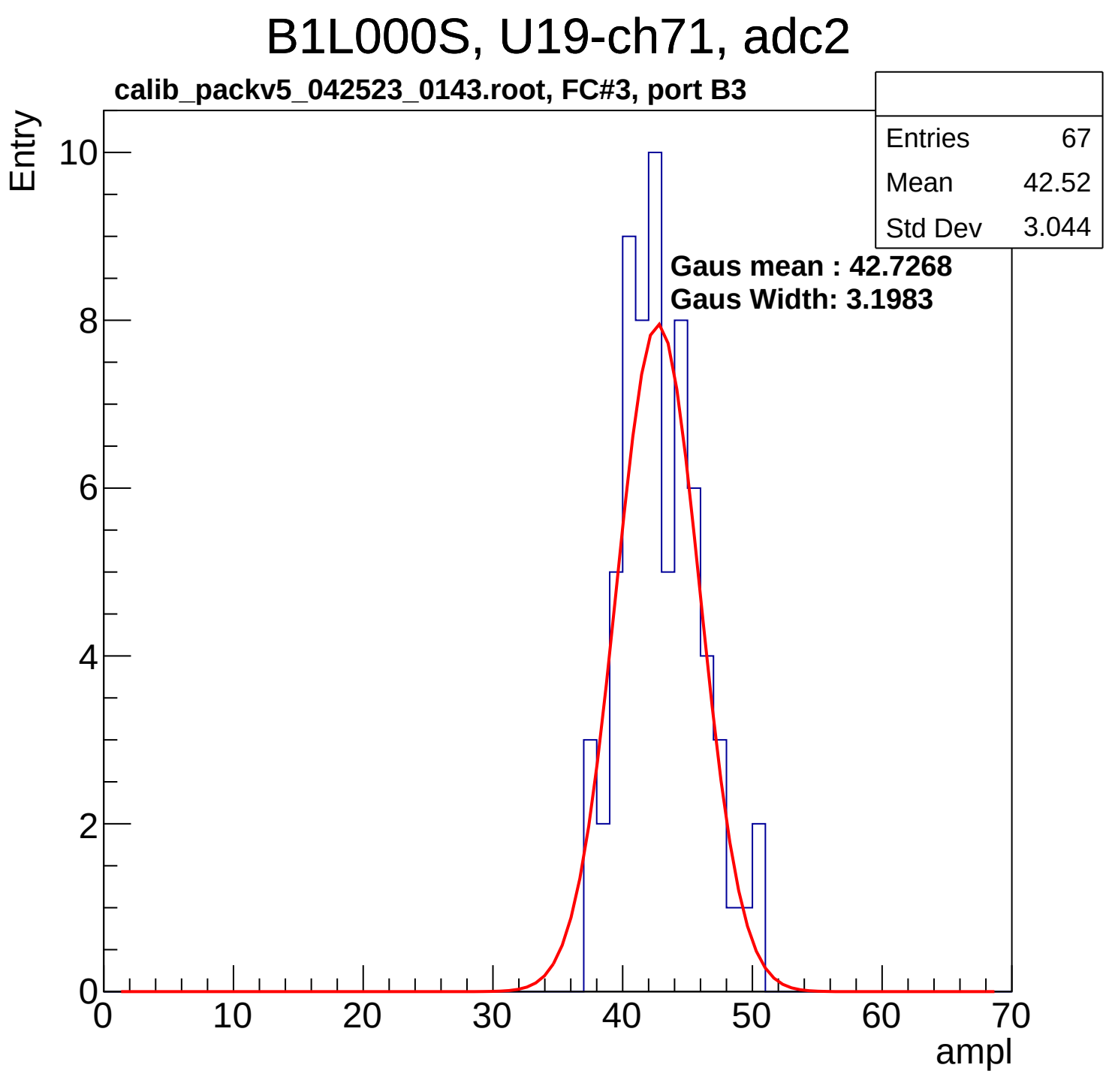
B1L000S, U19-ch71, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 42.52
Std Dev 3.044
Gaus mean : 42.7268
Gaus Width: 3.1983
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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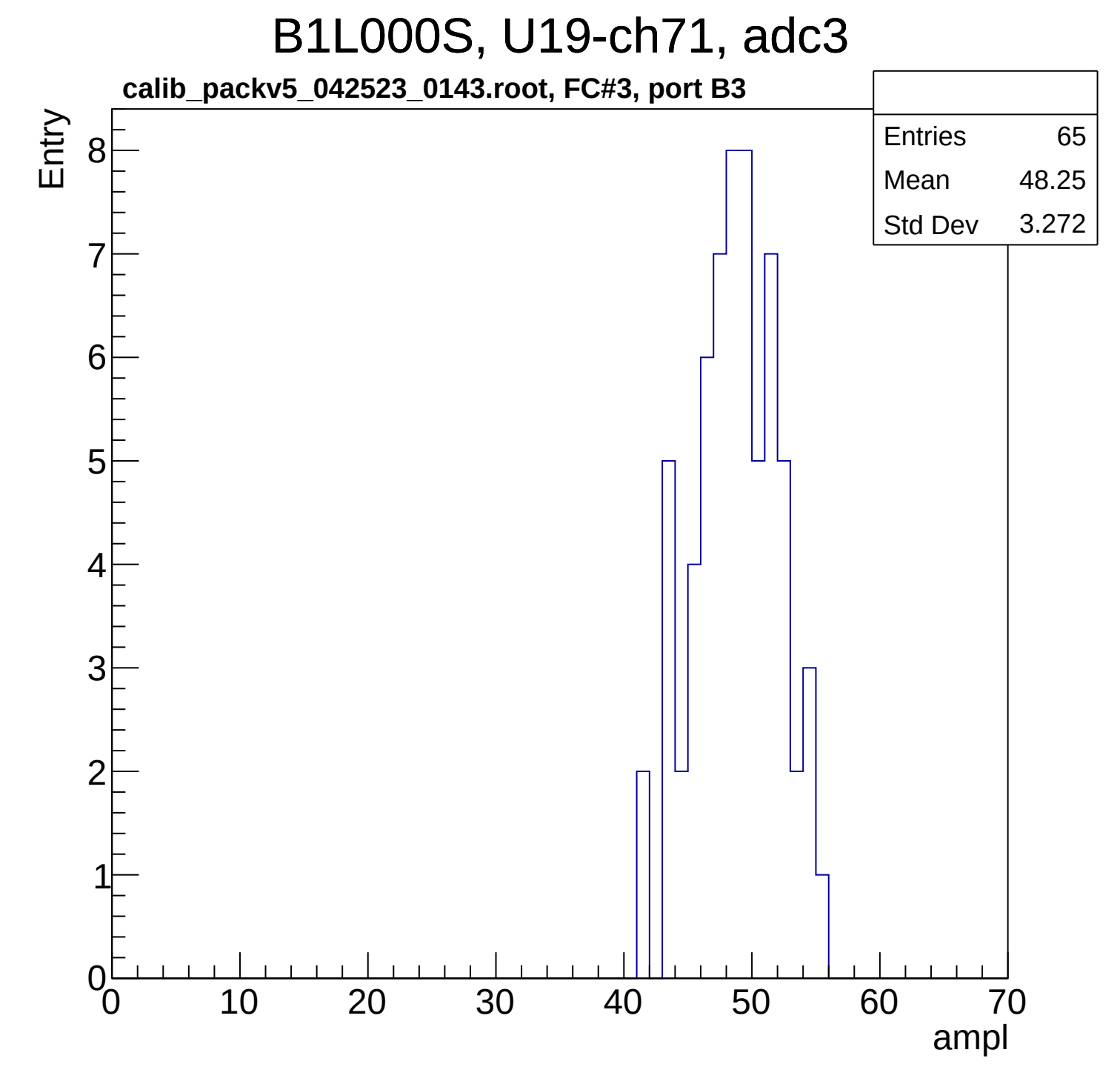
B1L000S, U19-ch71, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 48.25
Std Dev 3.272
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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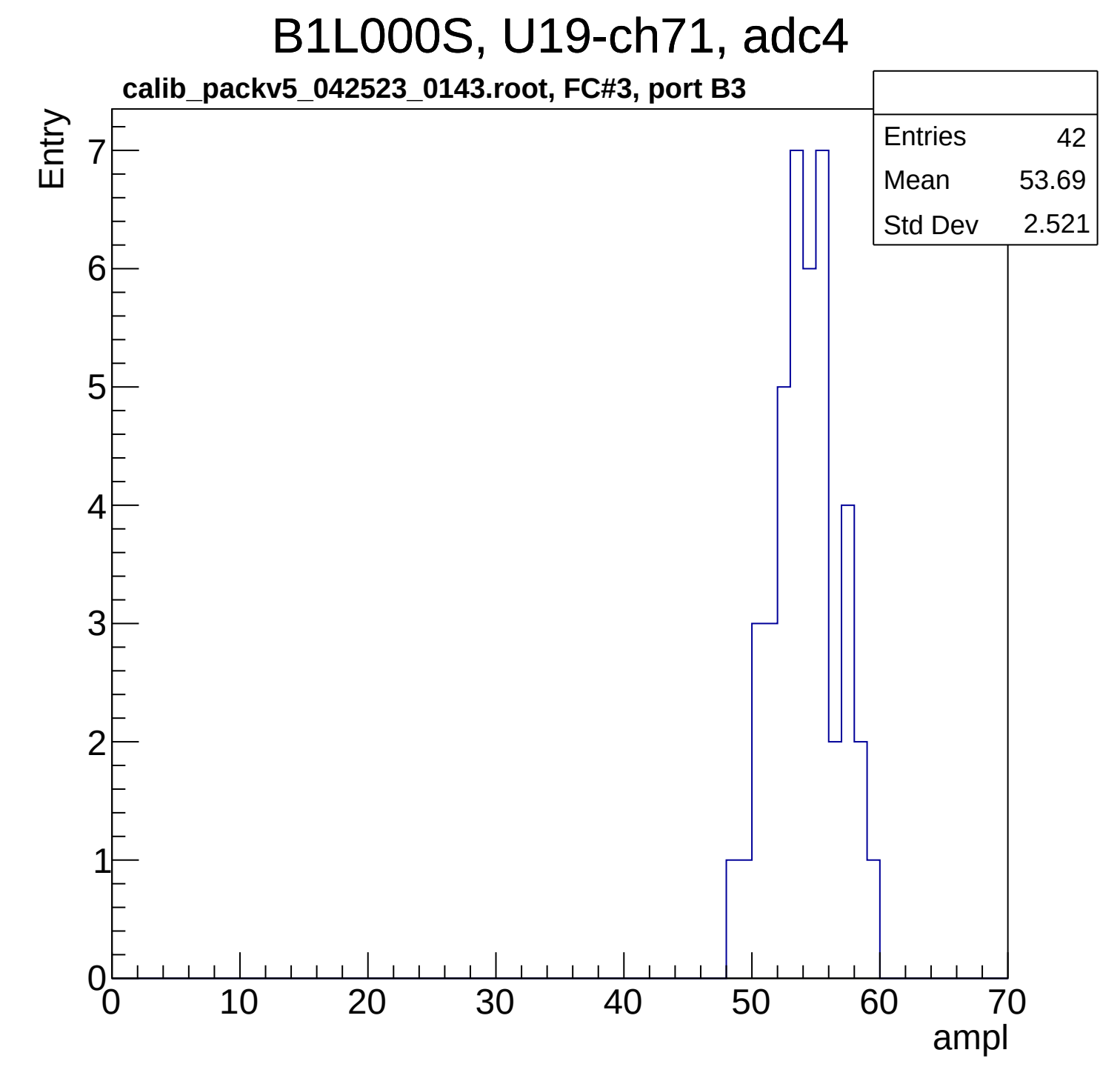
B1L000S, U19-ch71, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 53.69
Std Dev 2.521
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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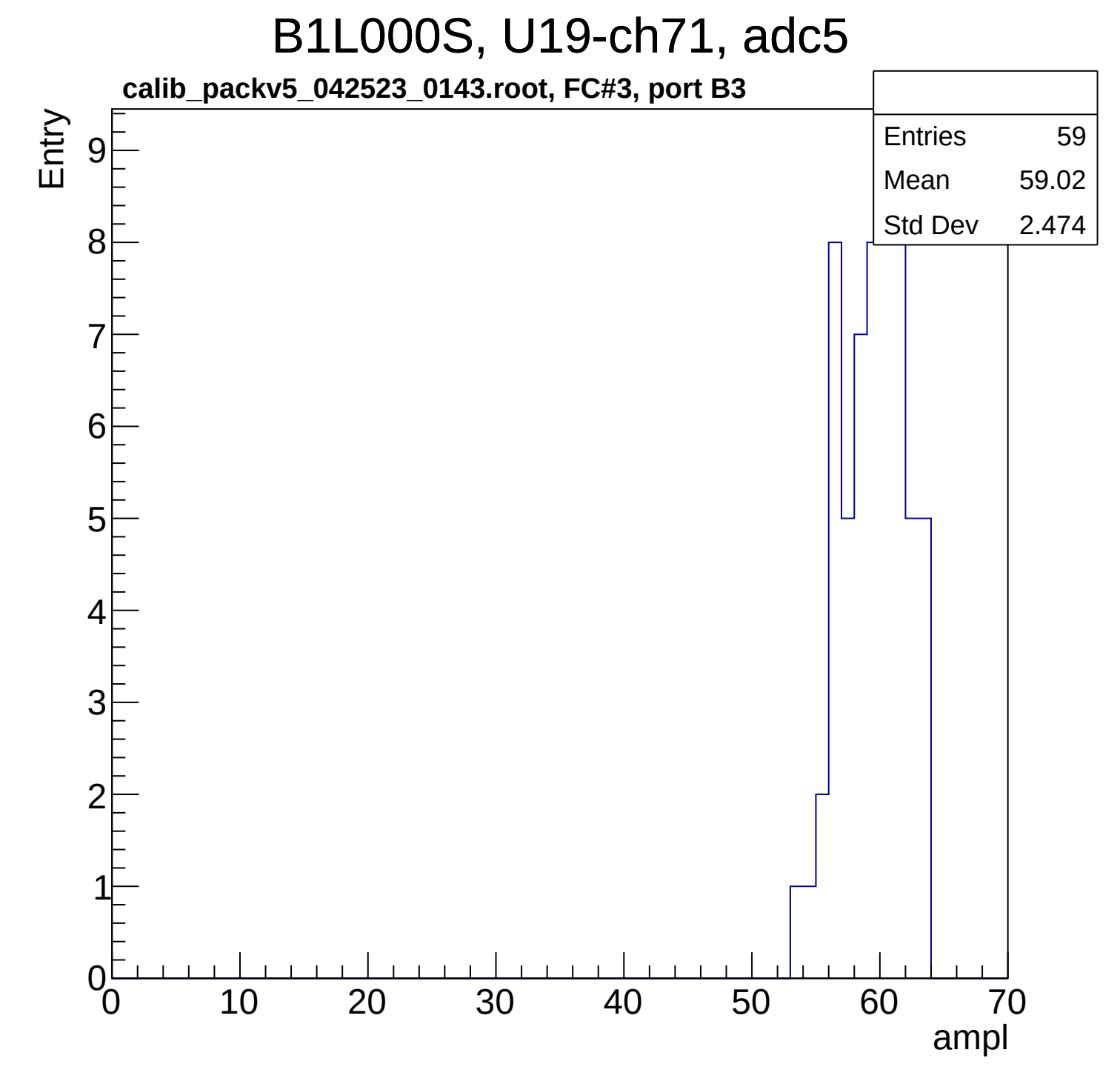
B1L000S, U19-ch71, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 59.02
Std Dev 2.474
Entry
ampl
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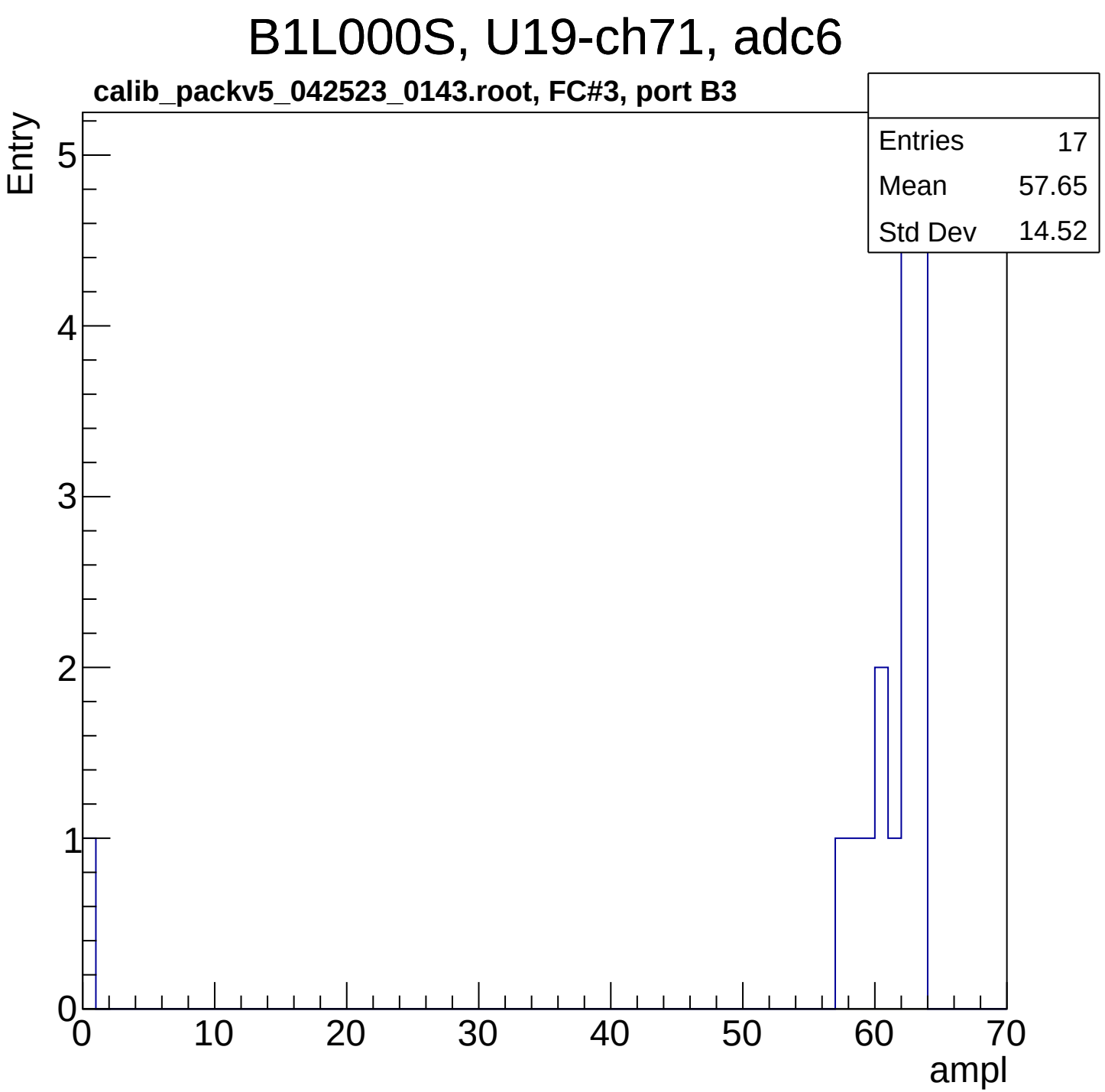
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch71, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 57.65
Std Dev 14.52
Entry
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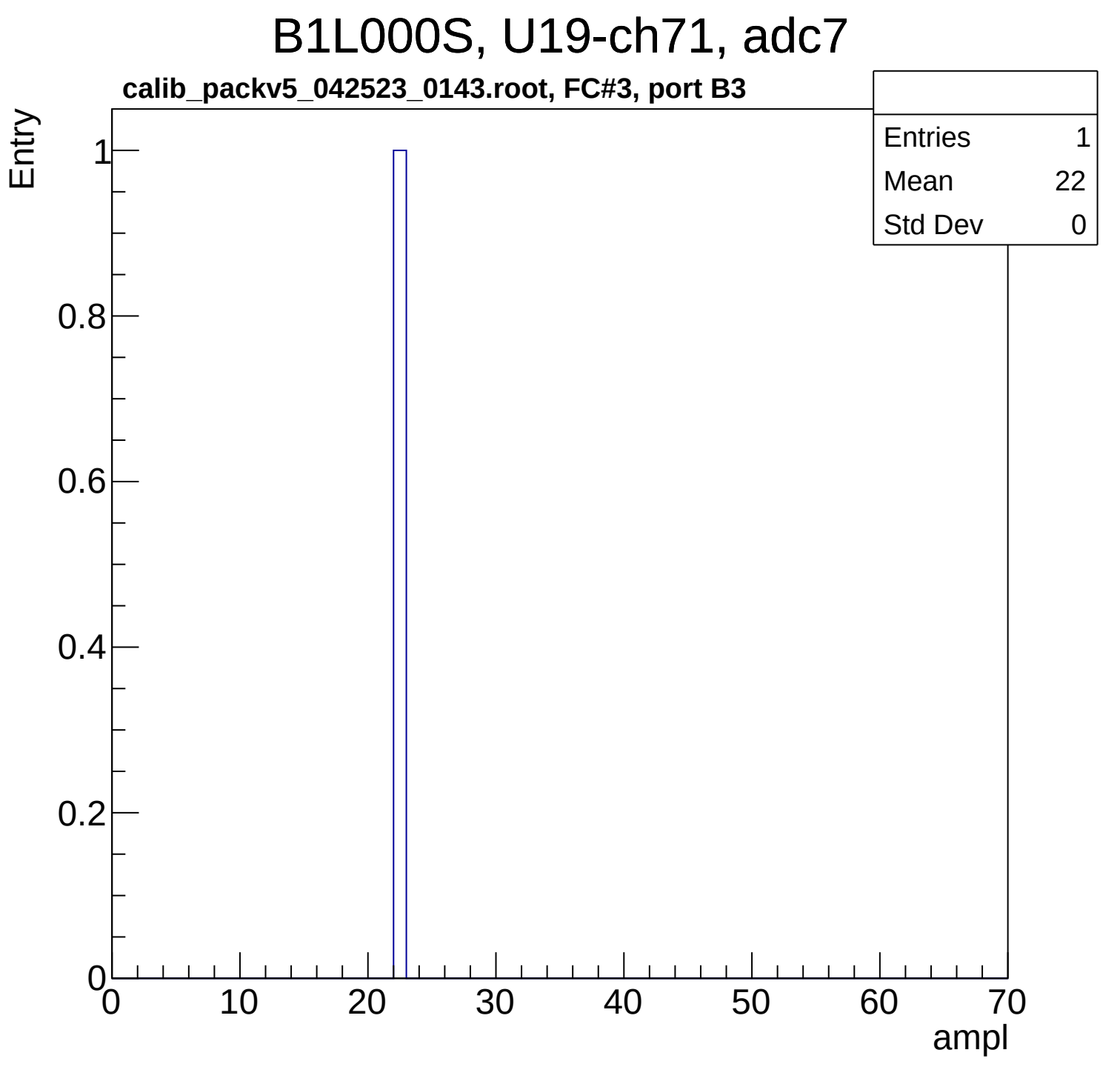
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch71, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 22
Std Dev 0
Entry
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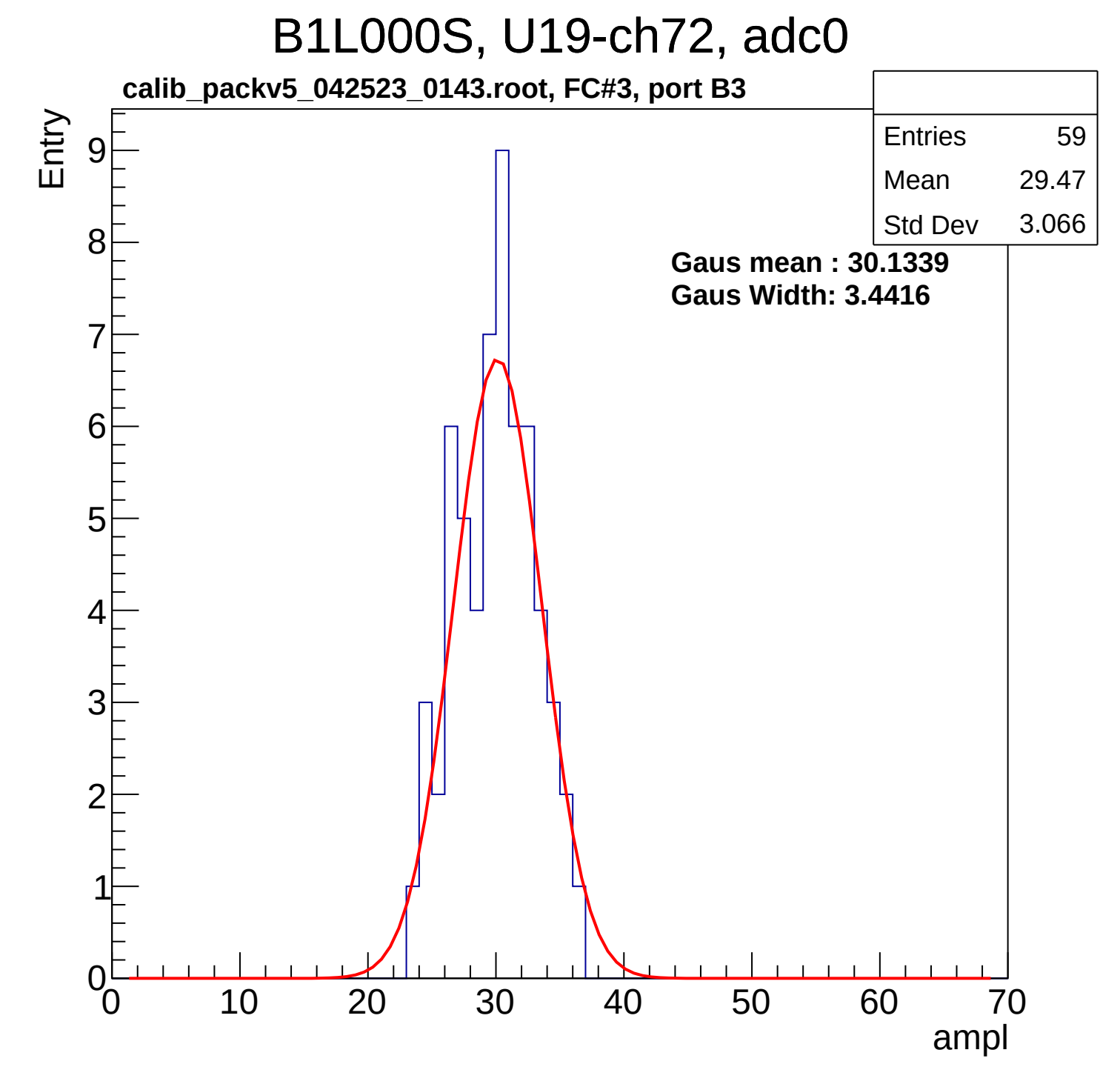
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch72, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 29.47
Std Dev 3.066
Gaus mean : 30.1339
Gaus Width: 3.4416
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
50
60
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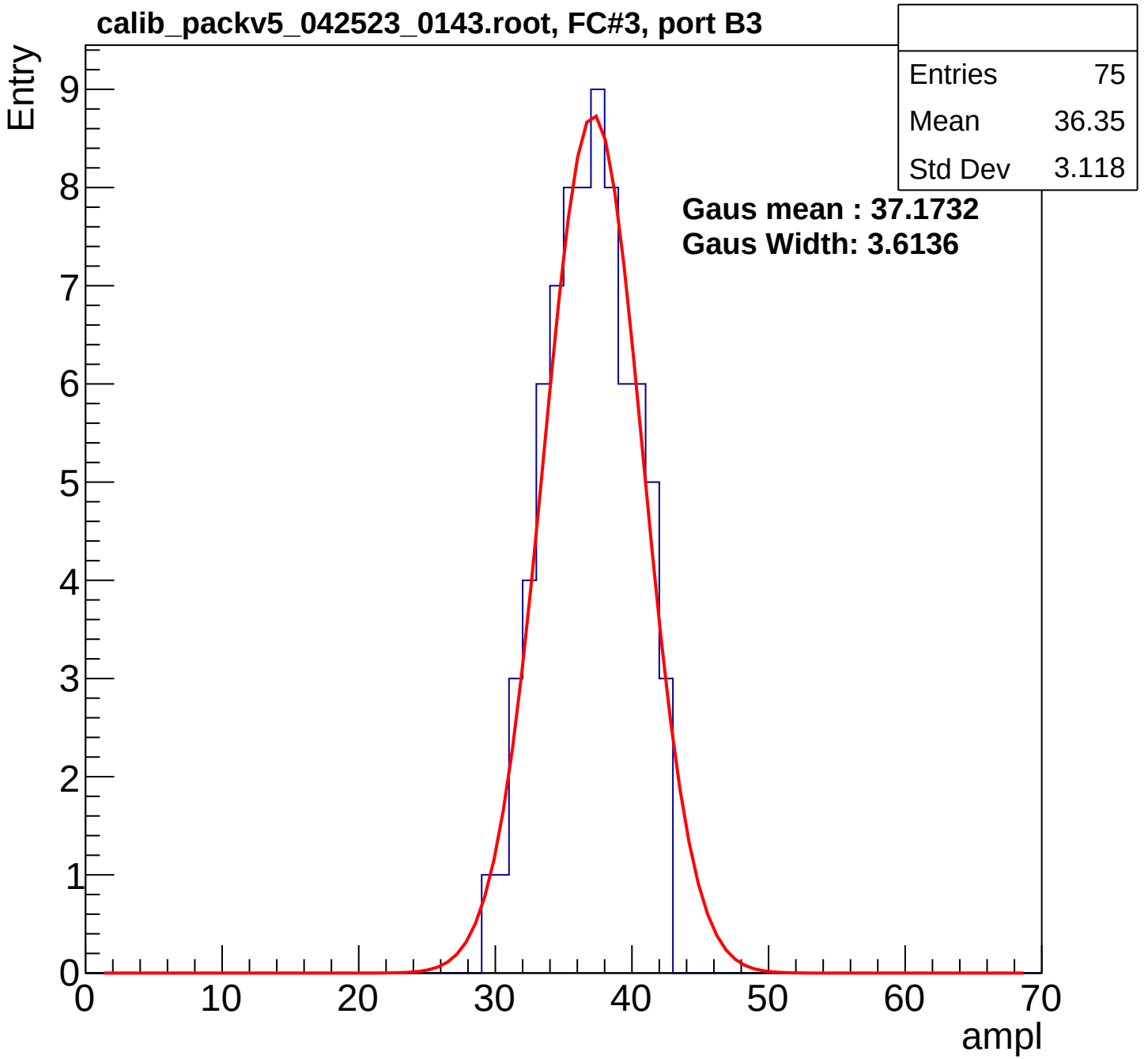
B1L000S, U19-ch72, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 36.35
Std Dev 3.118
Gaus mean : 37.1732
Gaus Width: 3.6136
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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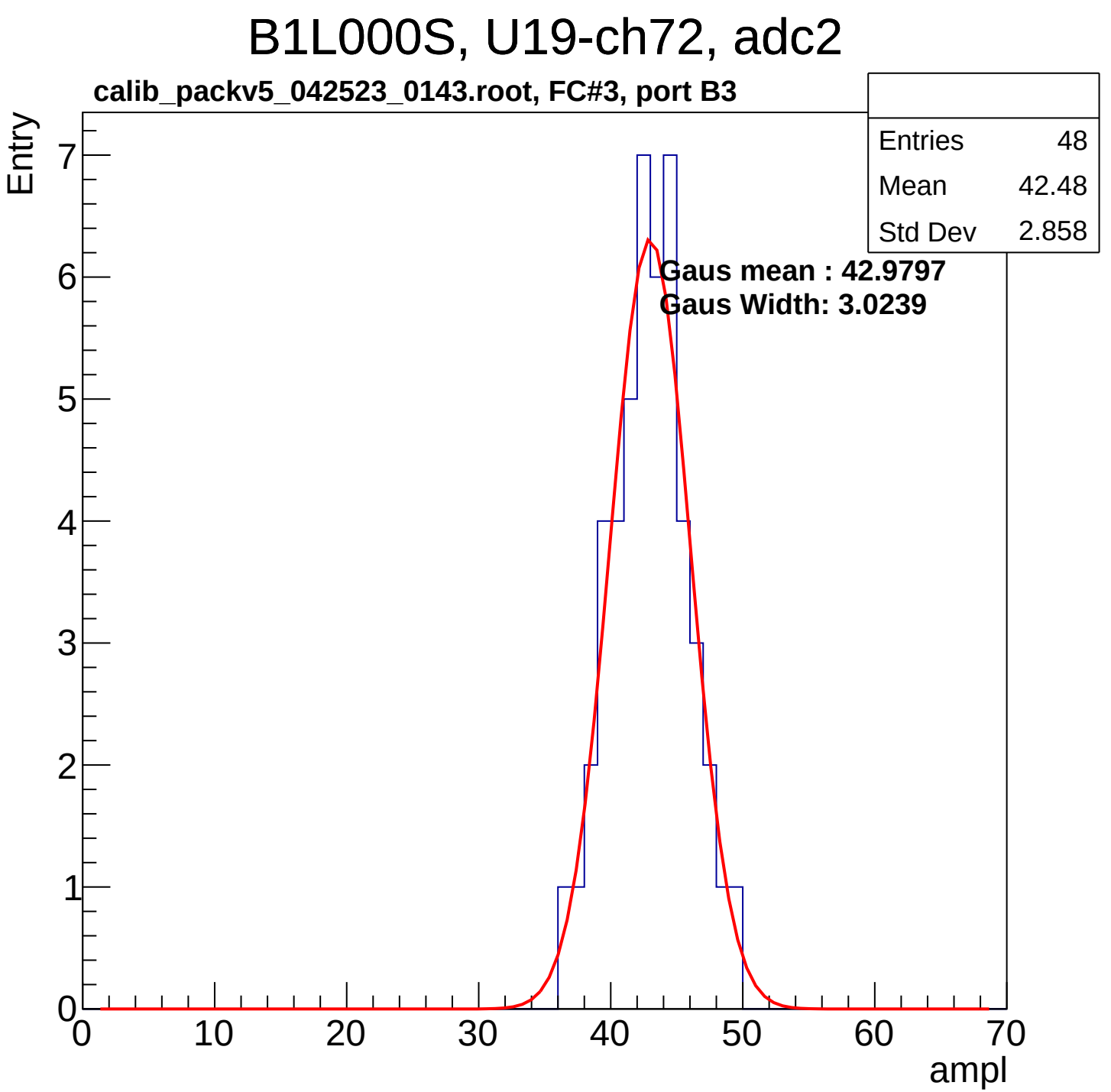
B1L000S, U19-ch72, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 42.48
Std Dev 2.858
Gaus mean : 42.9797
Gaus Width: 3.0239
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
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40
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60
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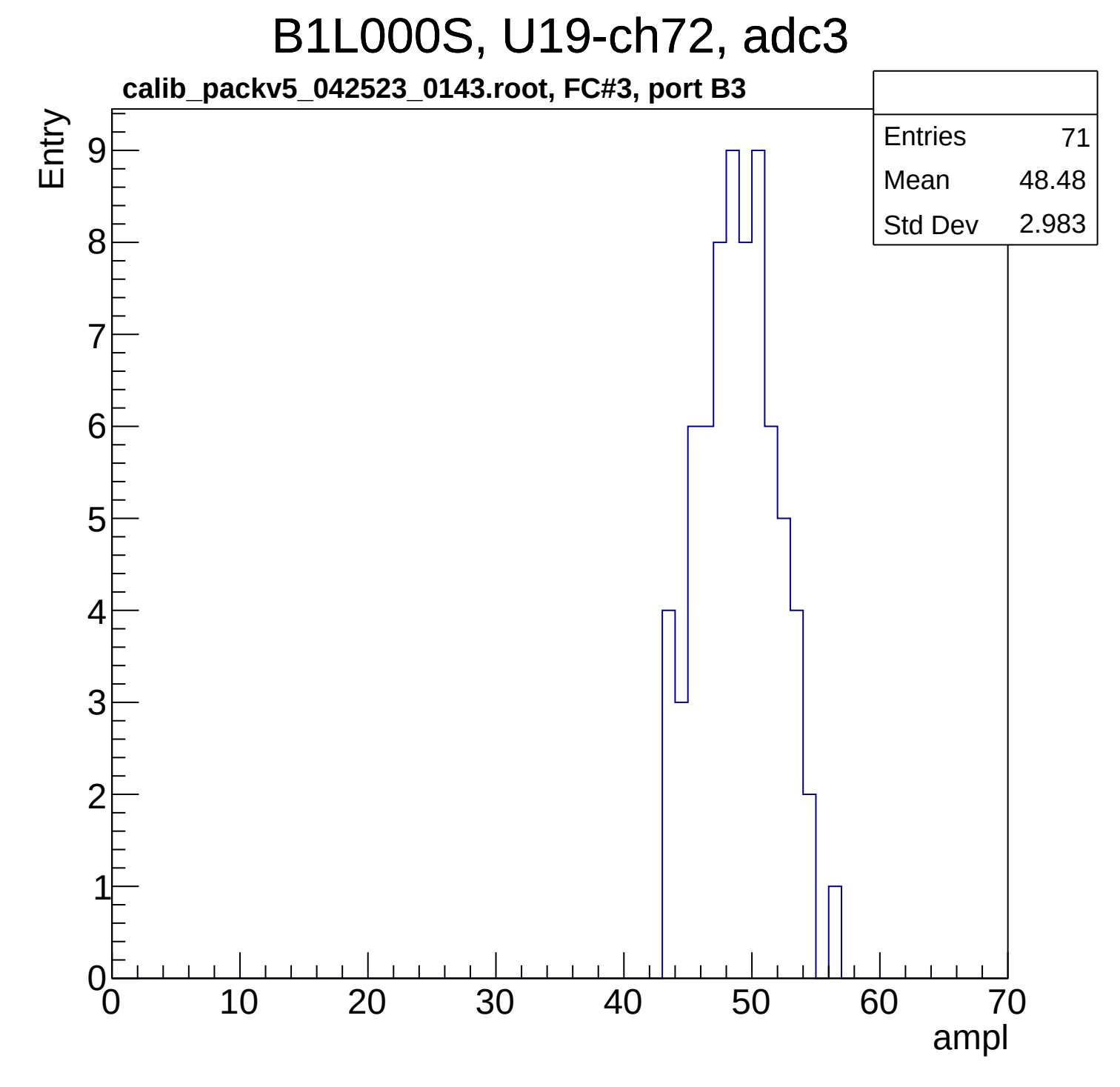
B1L000S, U19-ch72, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 48.48
Std Dev 2.983
Entry
ampl
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3
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5
6
7
8
9
0
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60
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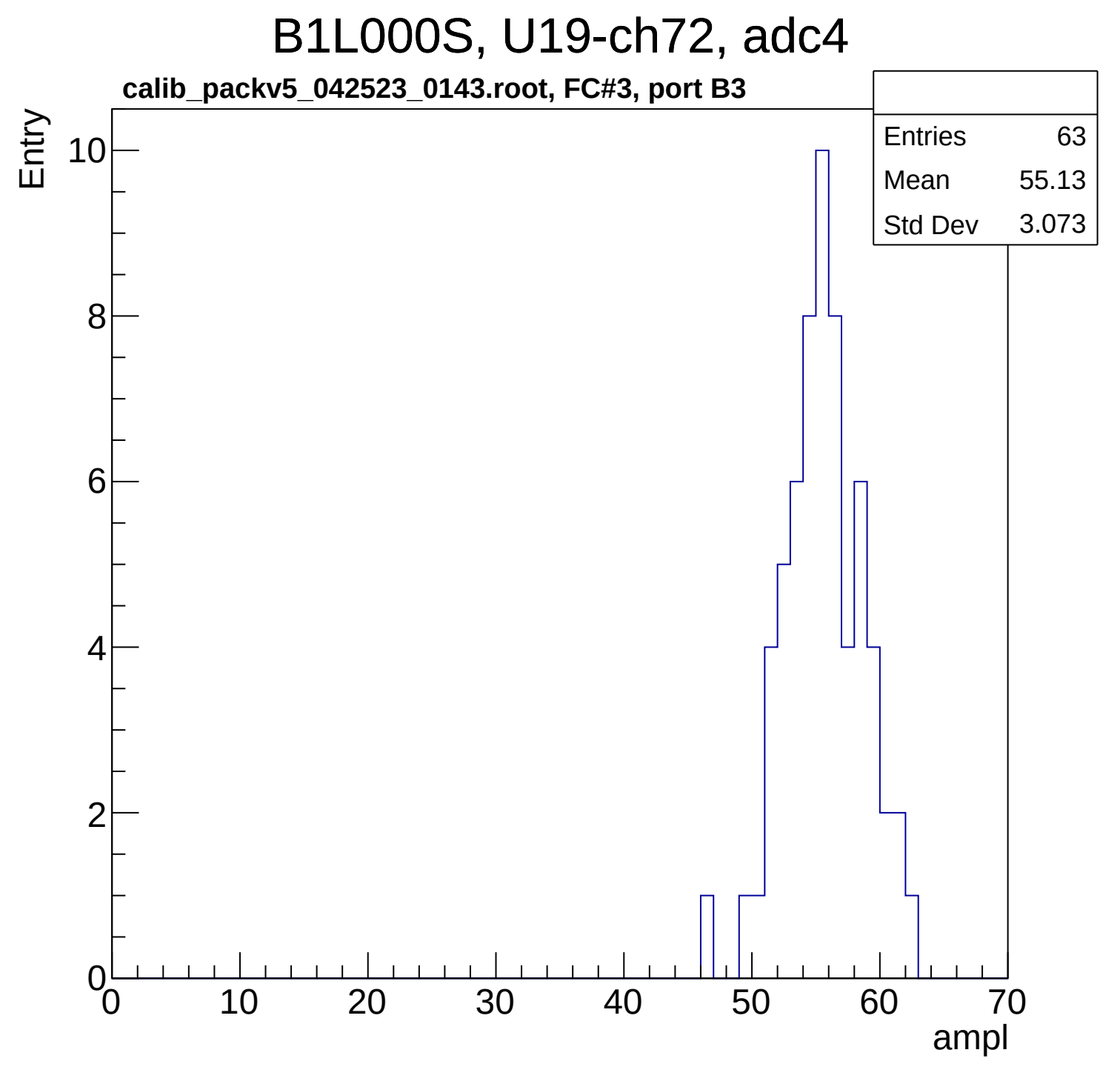
B1L000S, U19-ch72, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 55.13
Std Dev 3.073
Entry
ampl
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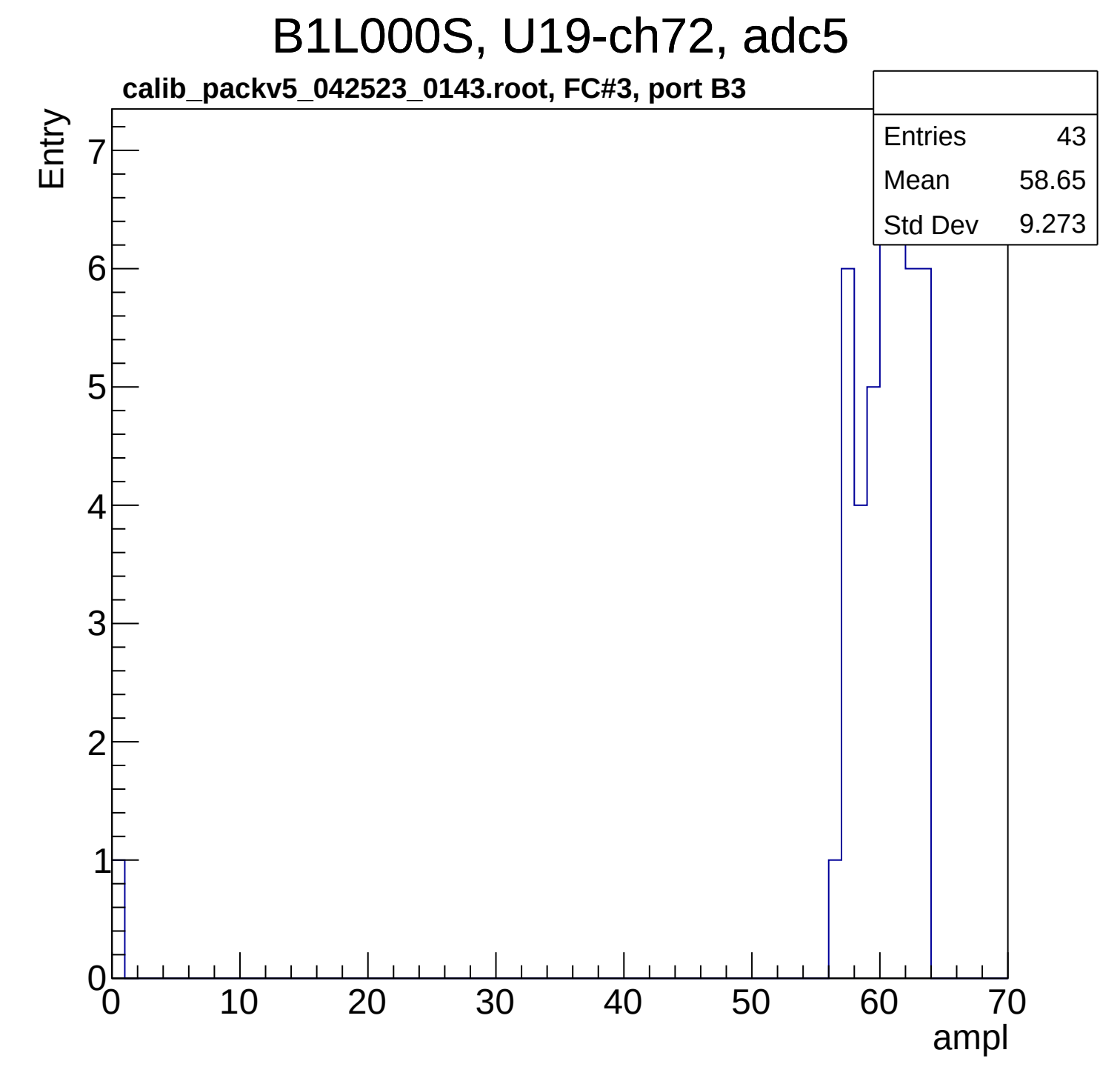
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch72, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 58.65
Std Dev 9.273
Entry
ampl
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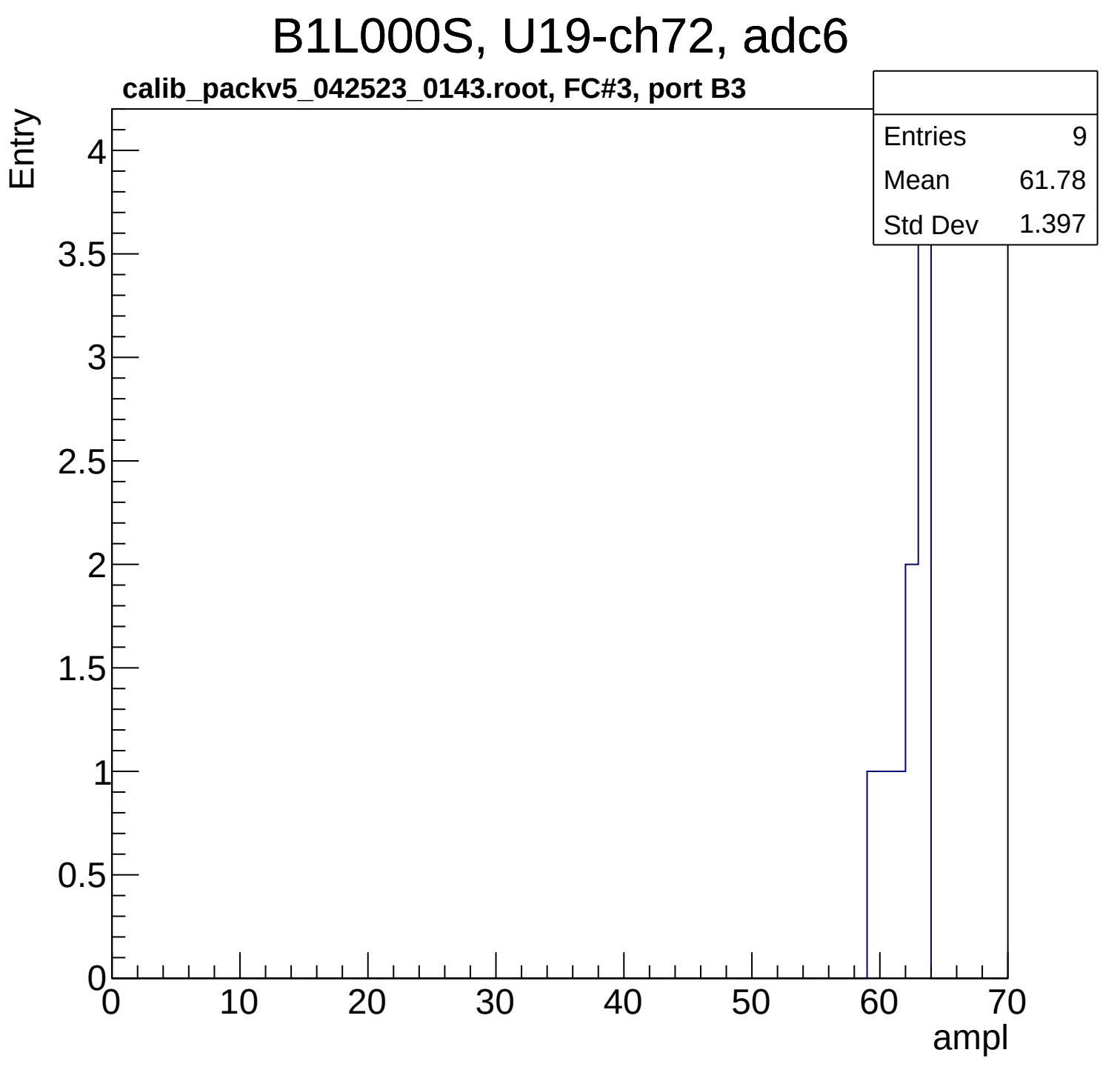
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U19-ch72, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 61.78
Std Dev 1.397
Entry
ampl
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1
1.5
2
2.5
3
3.5
4
0
10
20
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40
50
60
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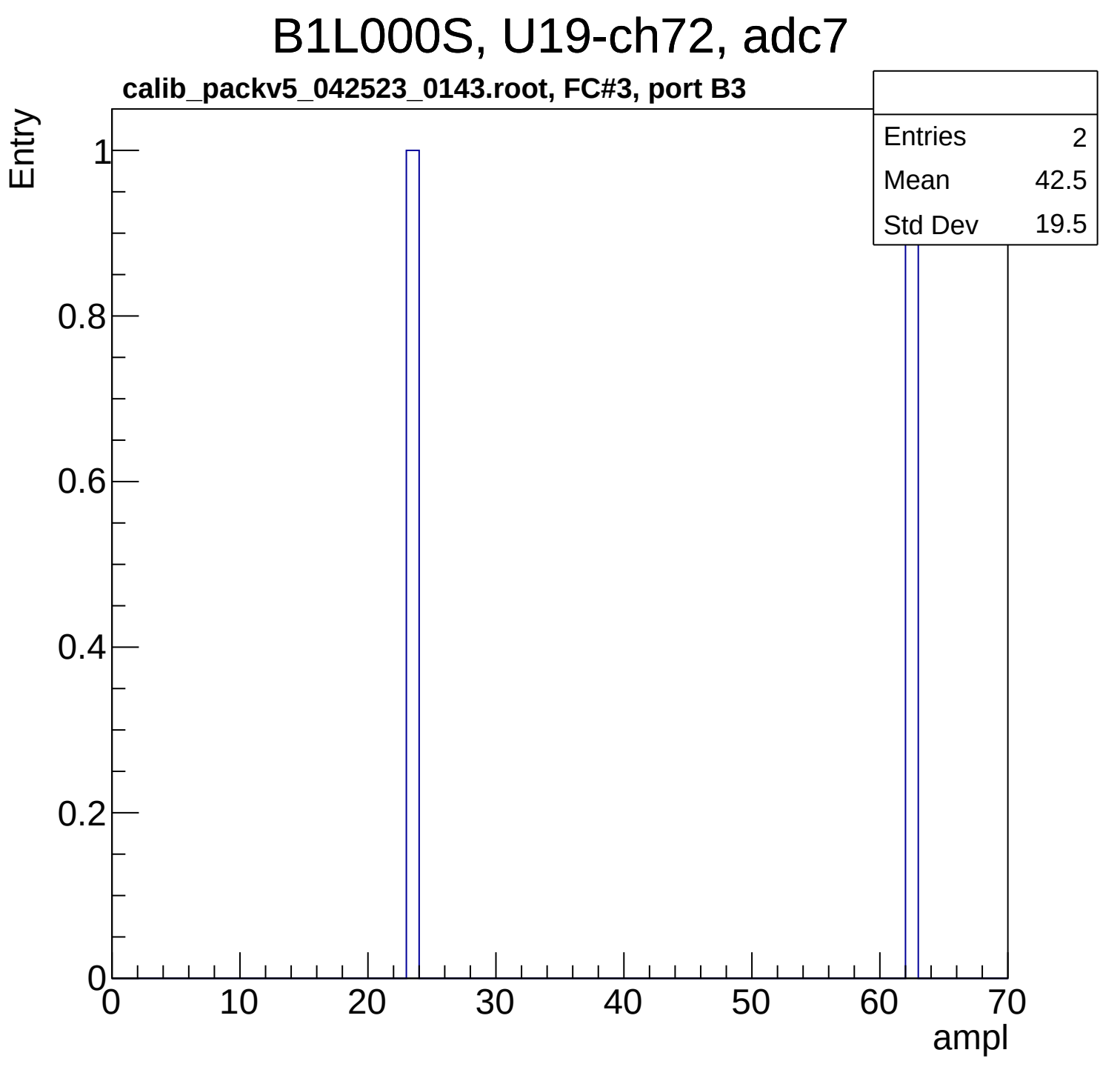
B1L000S, U19-ch72, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 42.5
Std Dev 19.5
Entry
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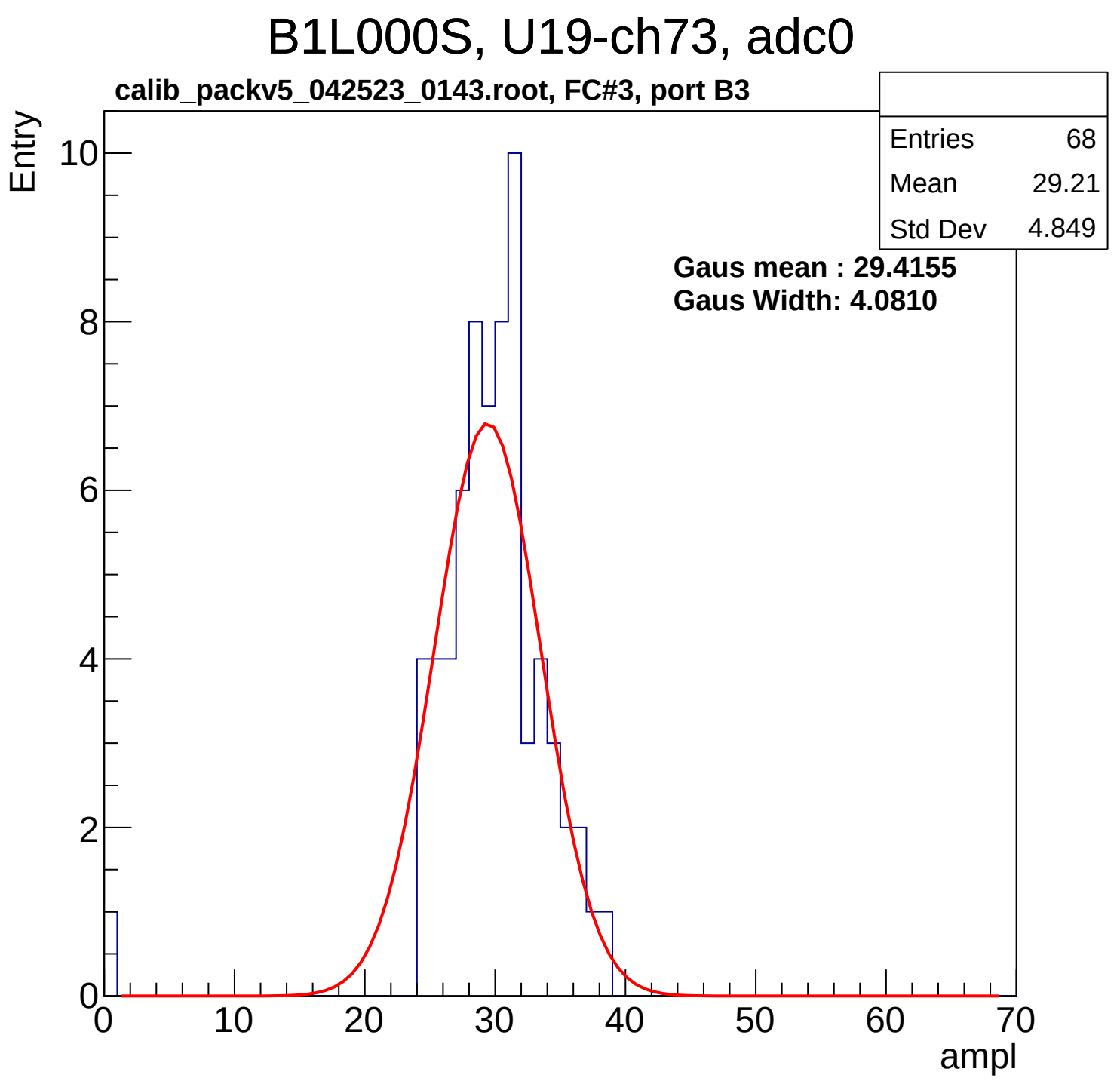
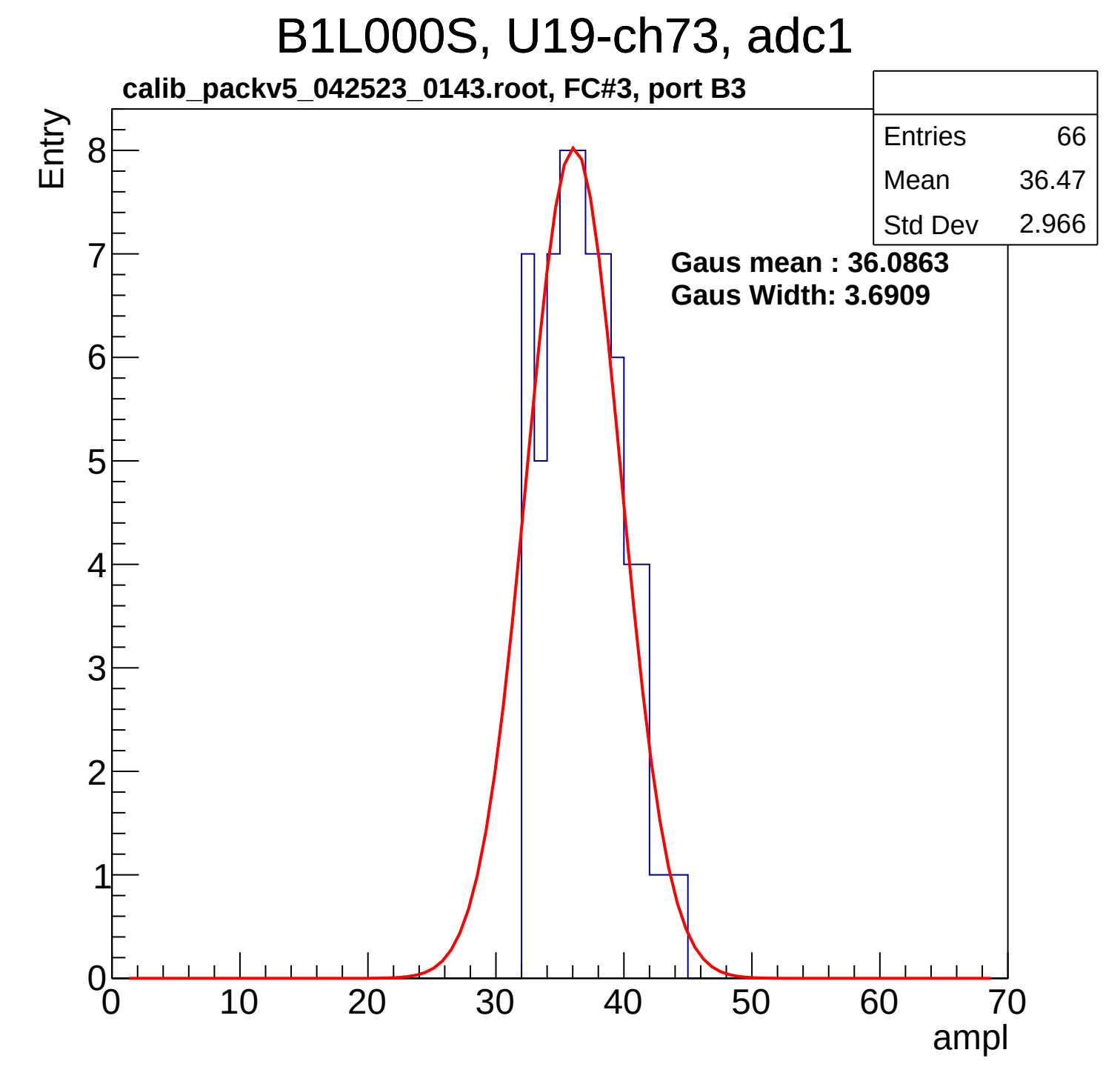
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch73, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 29.21
Std Dev 4.849
Gaus mean : 29.4155
Gaus Width: 4.0810
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch73, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 36.47
Std Dev 2.966
Gaus mean : 36.0863
Gaus Width: 3.6909
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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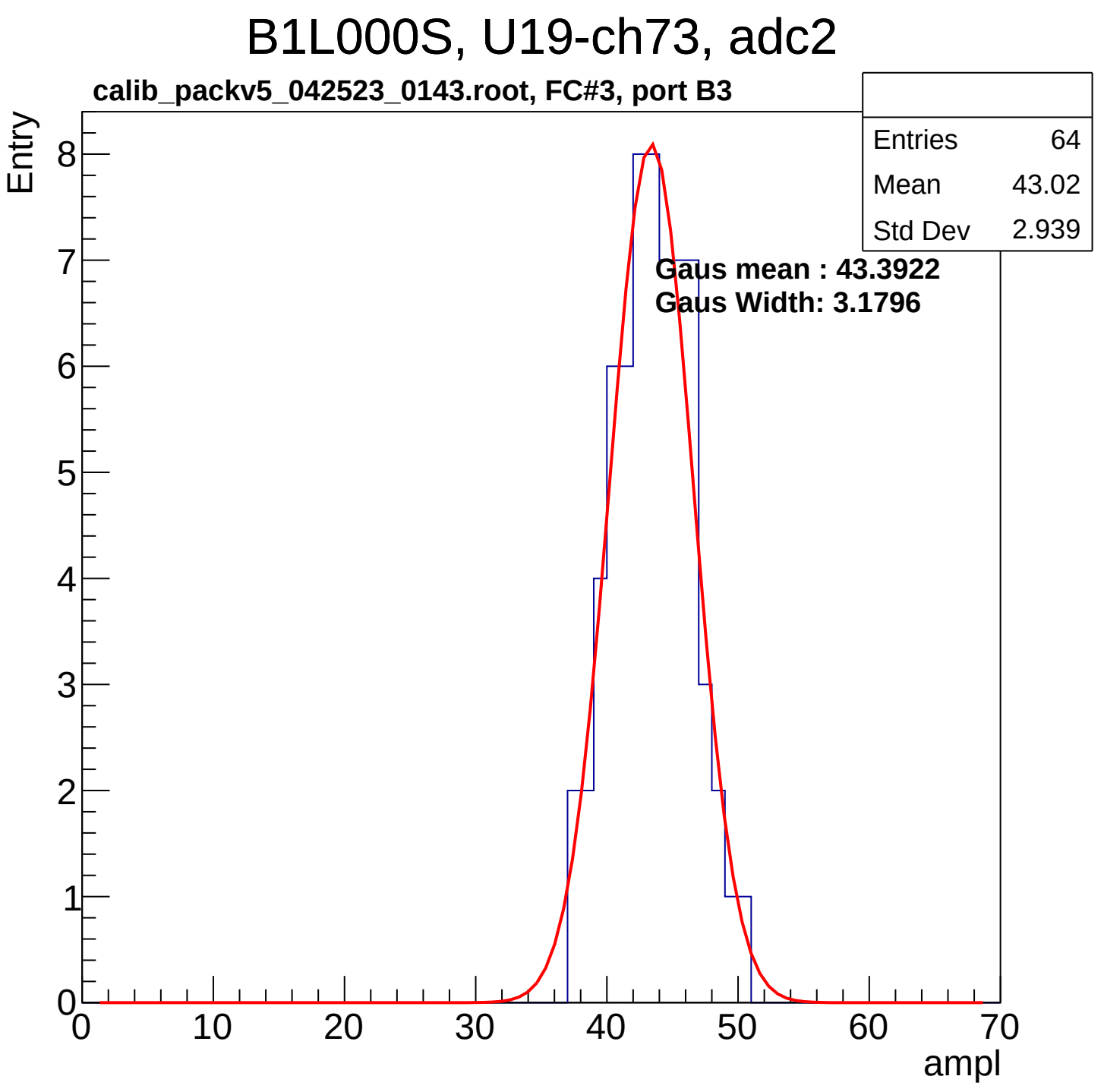
40
50
60
70


B1L000S, U19-ch73, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 43.02
Std Dev 2.939
Gaus mean : 43.3922
Gaus Width: 3.1796
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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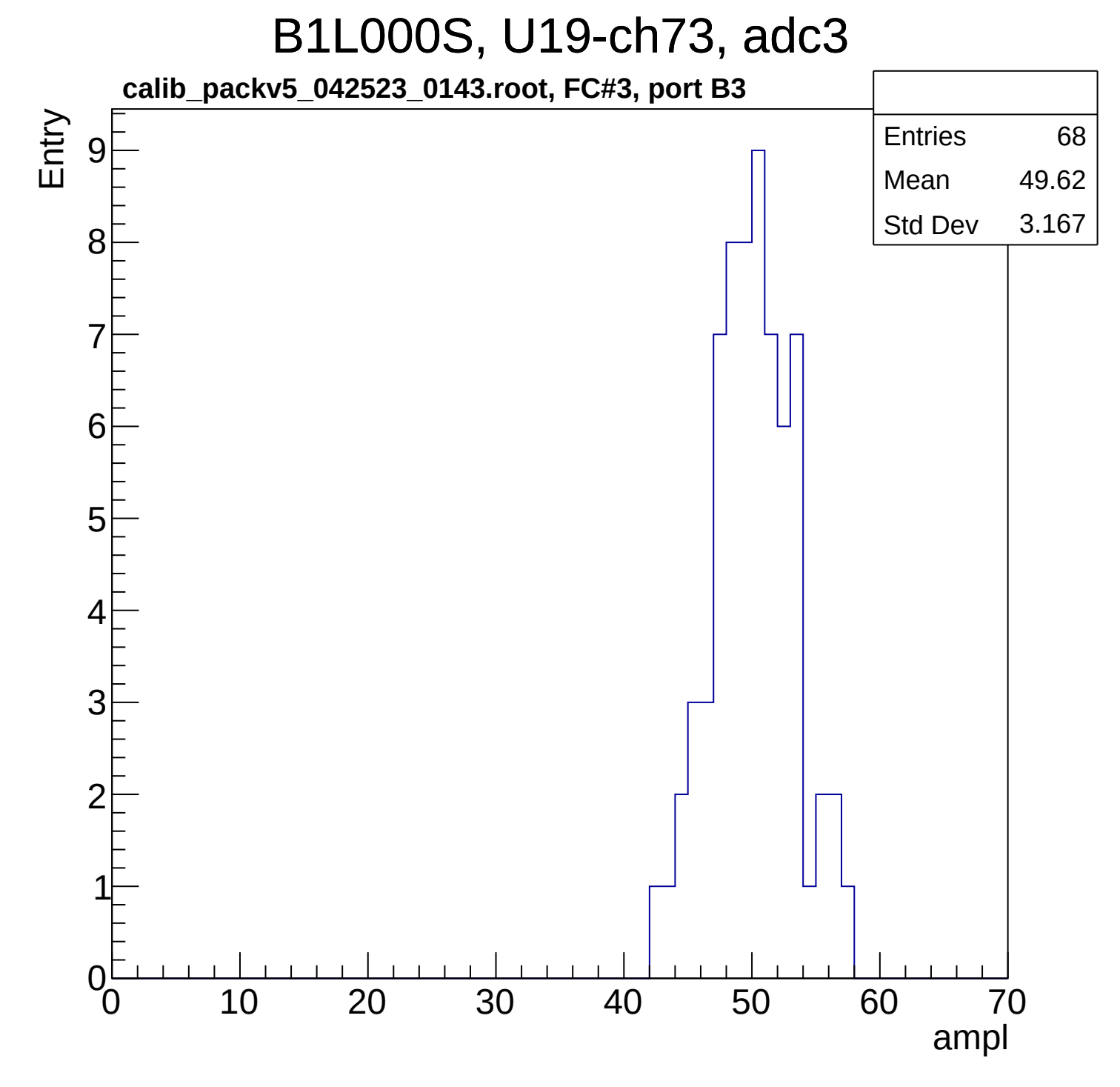
B1L000S, U19-ch73, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 49.62
Std Dev 3.167
Entry
ampl
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3
4
5
6
7
8
9
0
10
20
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40
50
60
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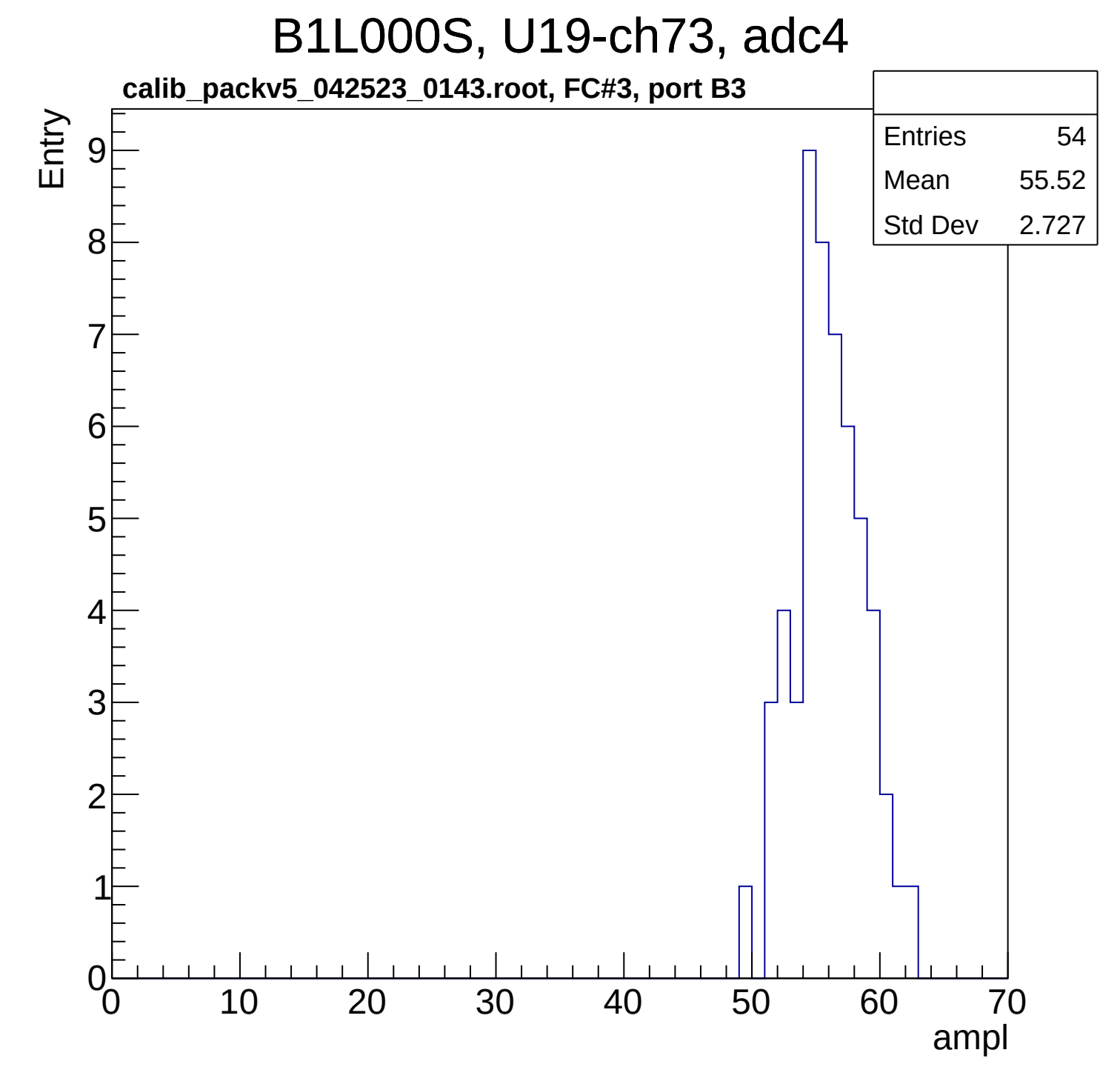
B1L000S, U19-ch73, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 55.52
Std Dev 2.727
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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60
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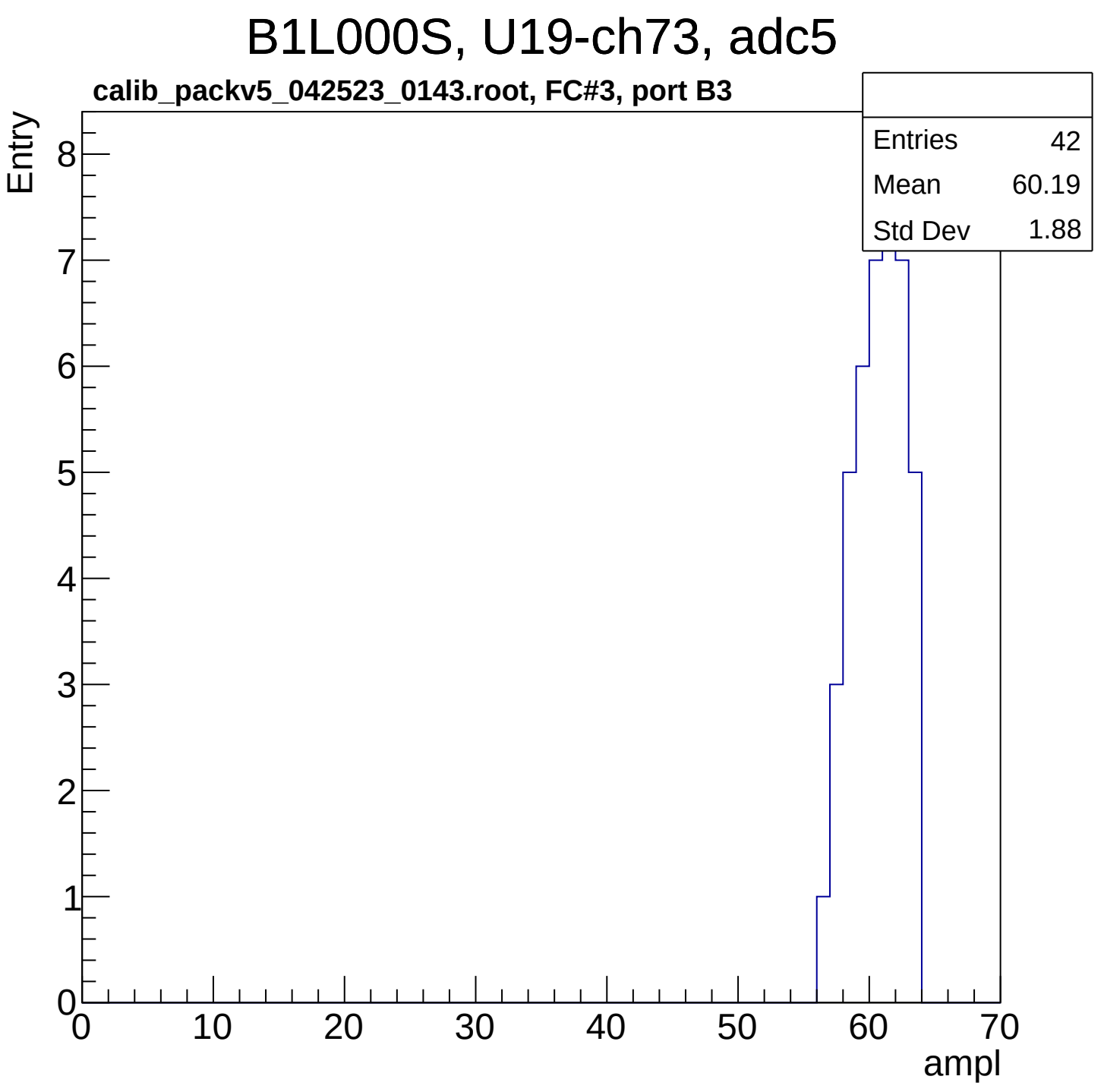
B1L000S, U19-ch73, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 60.19
Std Dev 1.88
Entry
ampl
0
1
2
3
4
5
6
7
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0
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60
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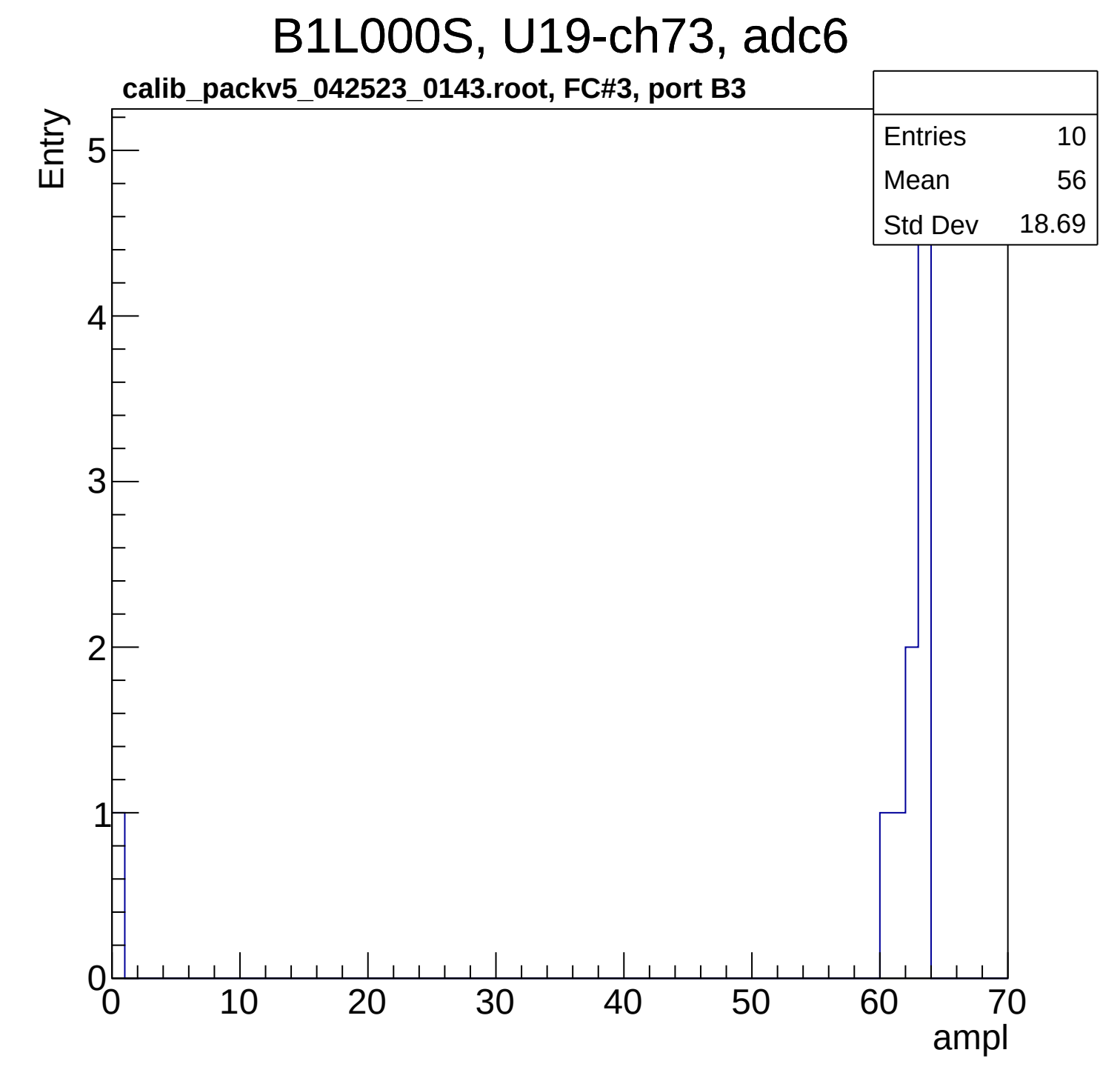
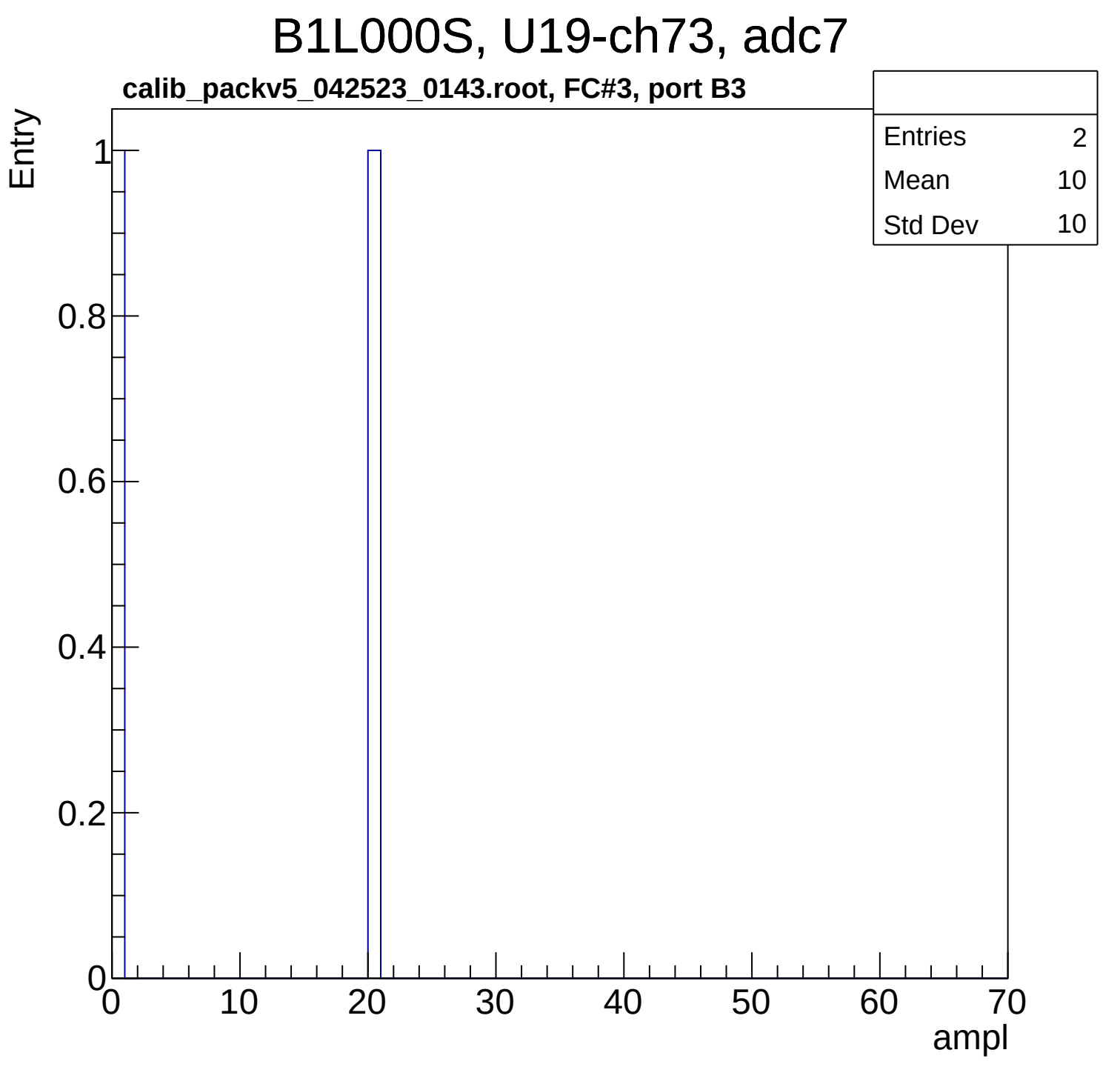

B1L000S, U19-ch73, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 10
Mean 56
Std Dev 18.69
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch73, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 10
Std Dev 10
Entry
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0.6
0.4
0.2
0
0
10
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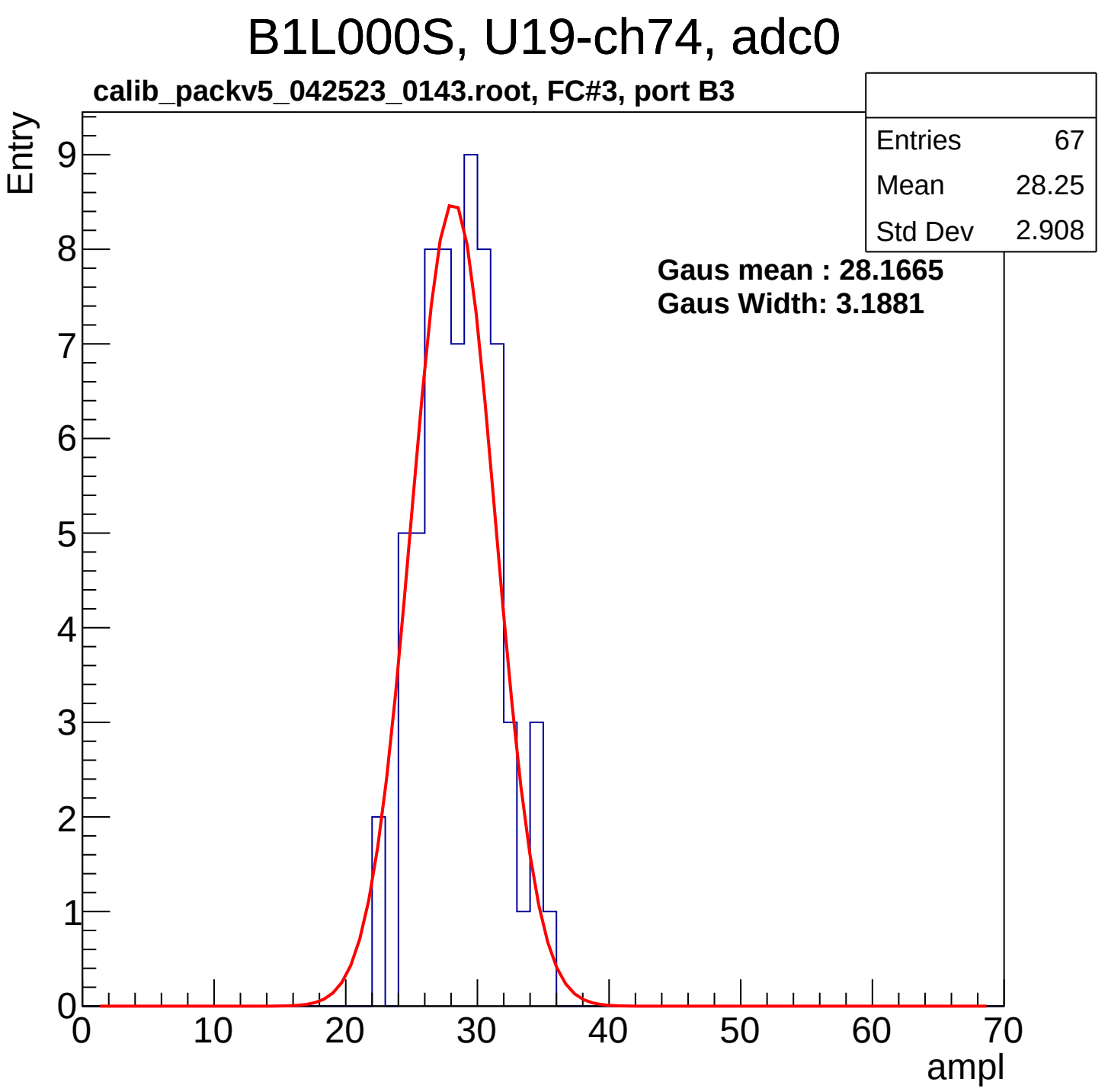
30
40
50
60
70
ampl


B1L000S, U19-ch74, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 28.25
Std Dev 2.908
Gaus mean : 28.1665
Gaus Width: 3.1881
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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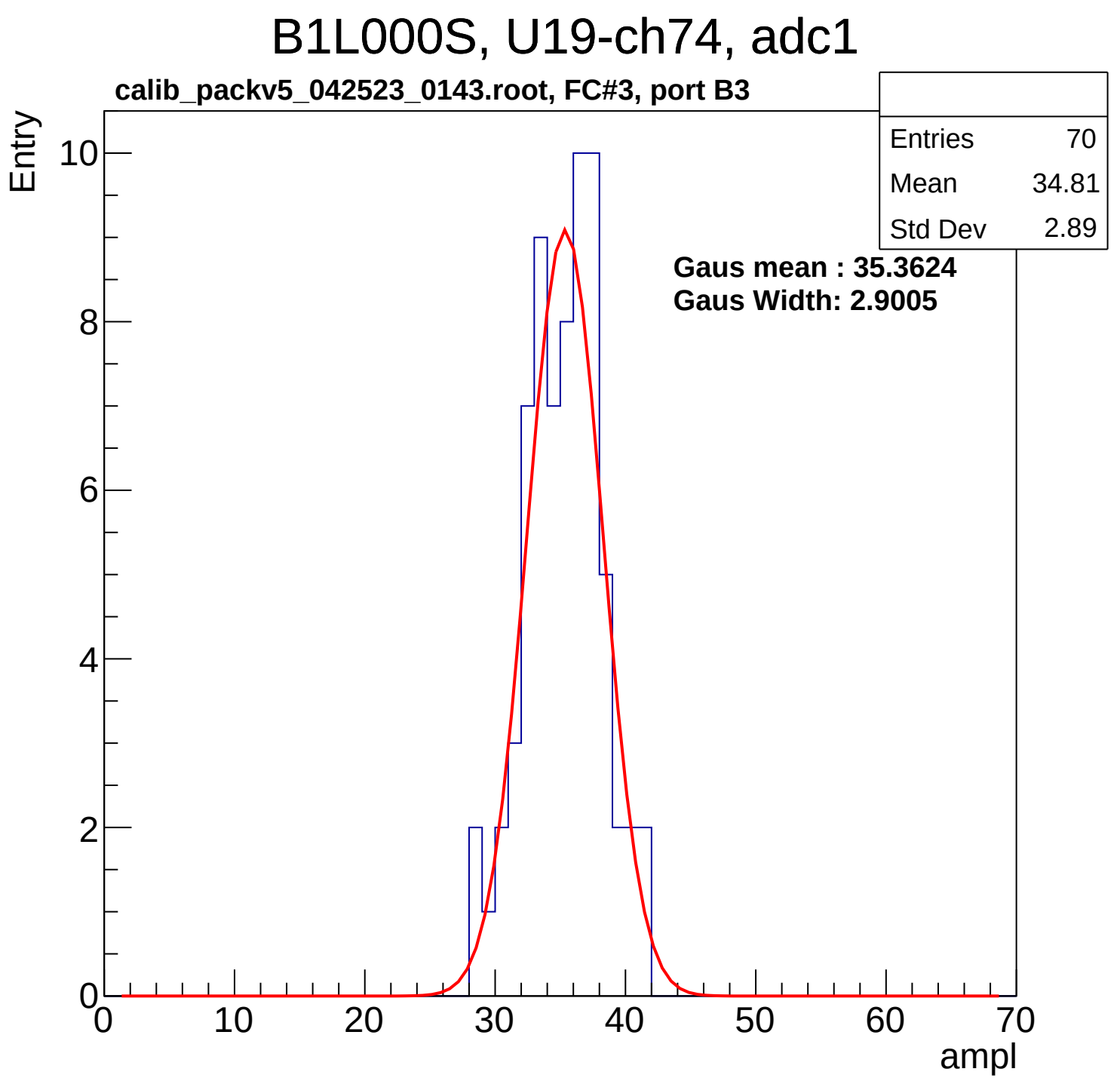
B1L000S, U19-ch74, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 34.81
Std Dev 2.89
Gaus mean : 35.3624
Gaus Width: 2.9005
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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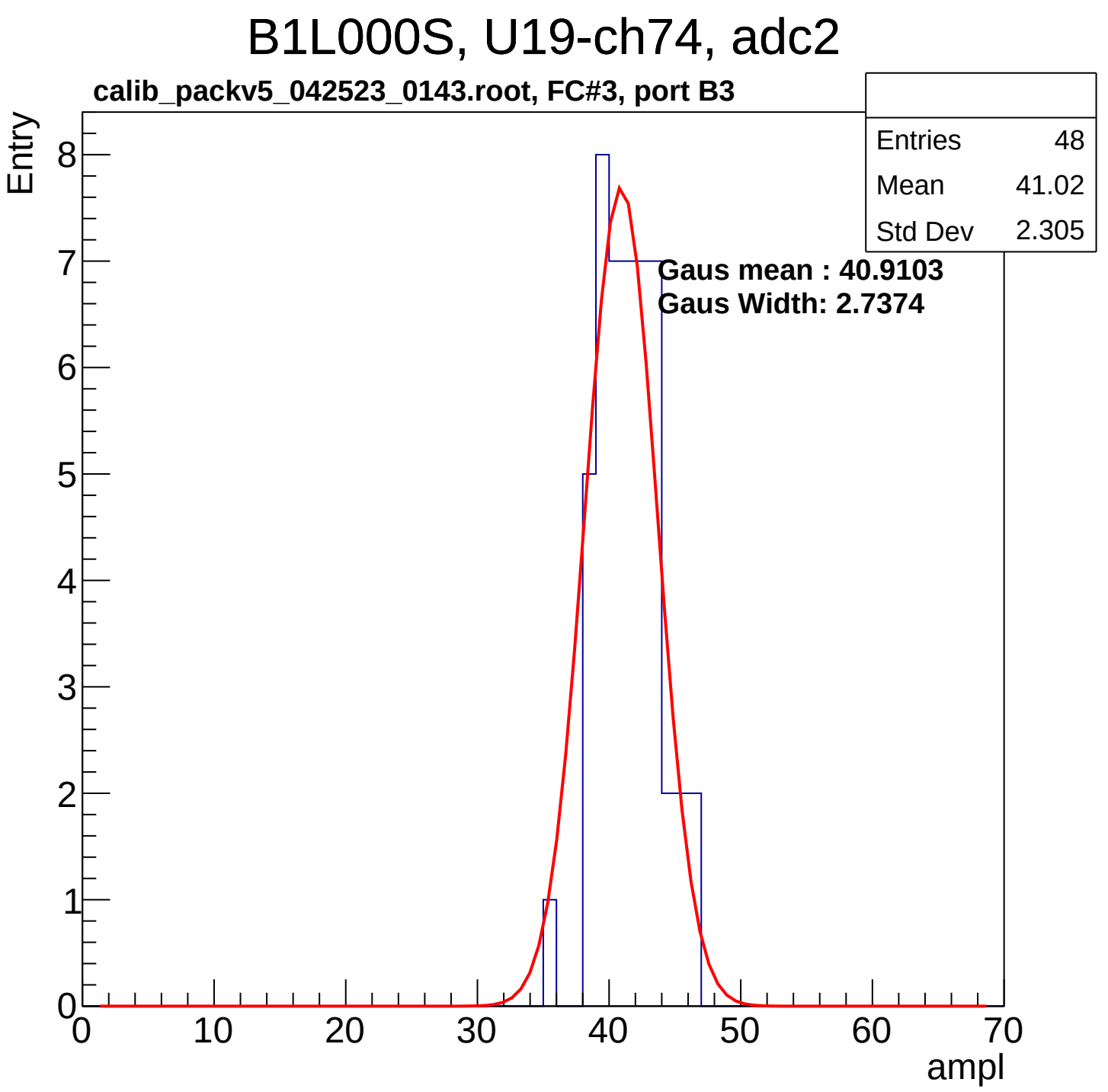
B1L000S, U19-ch74, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 41.02
Std Dev 2.305
Gaus mean : 40.9103
Gaus Width: 2.7374
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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60
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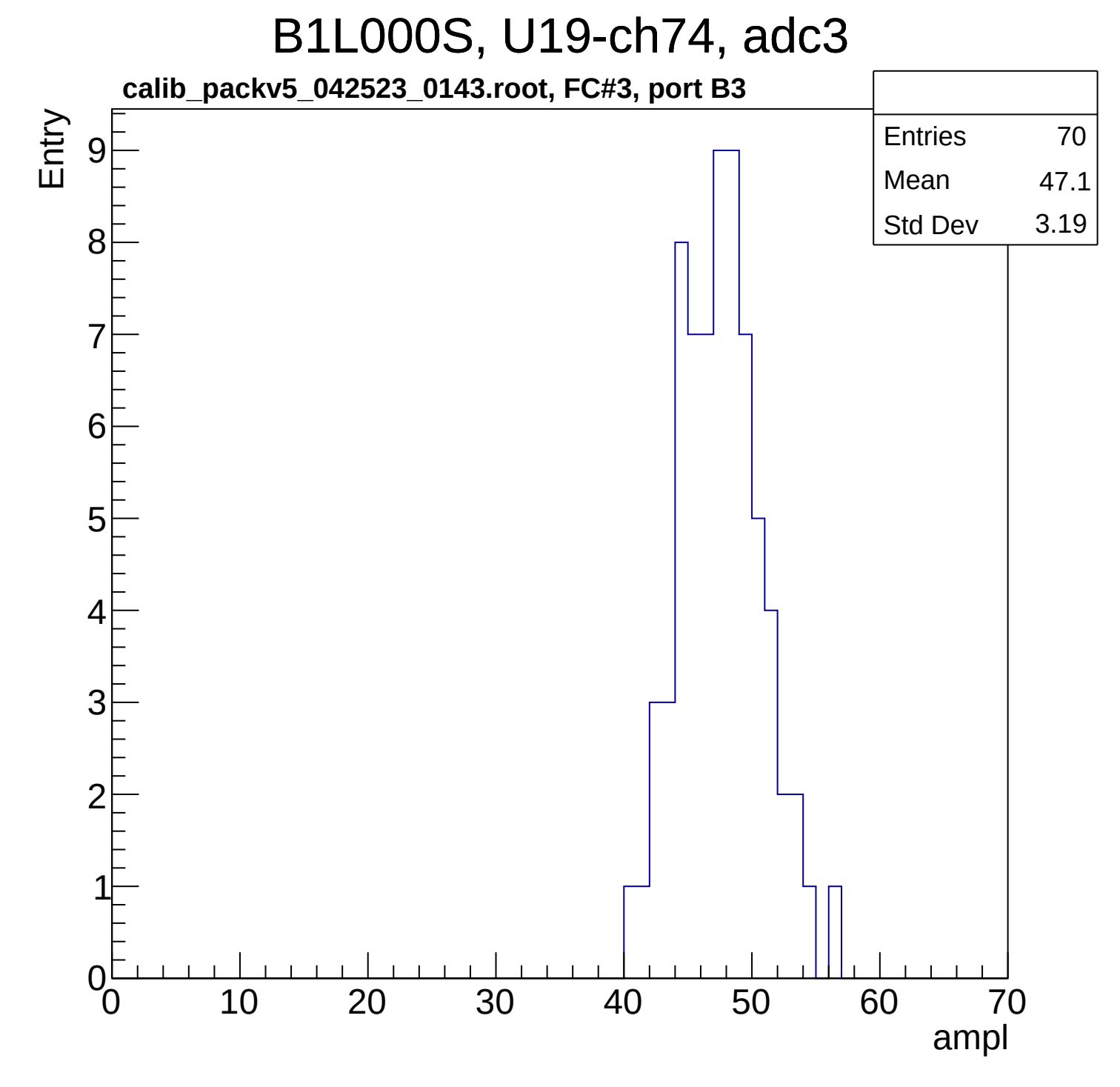
B1L000S, U19-ch74, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 47.1
Std Dev 3.19
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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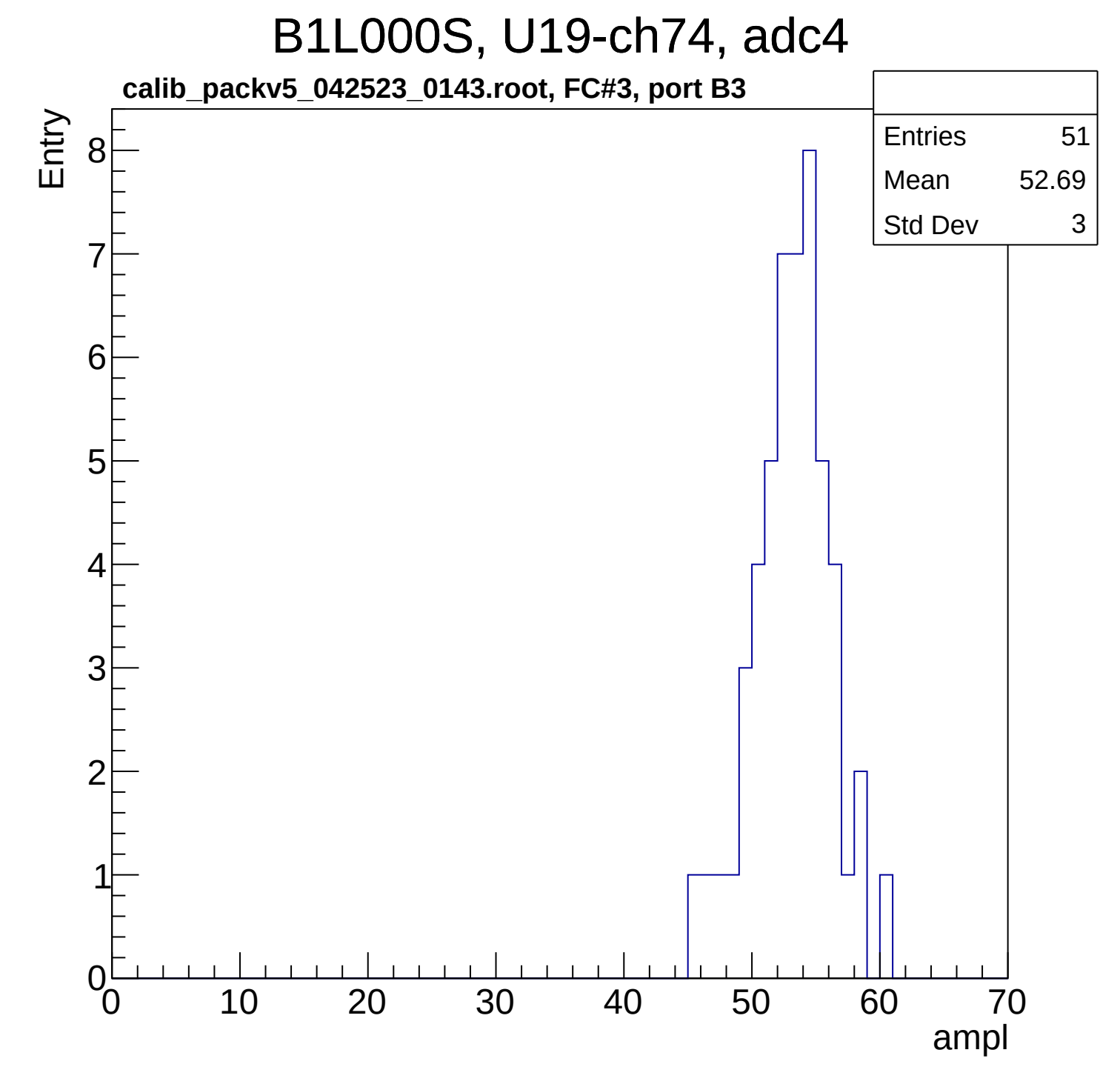
B1L000S, U19-ch74, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 52.69
Std Dev 3
Entry
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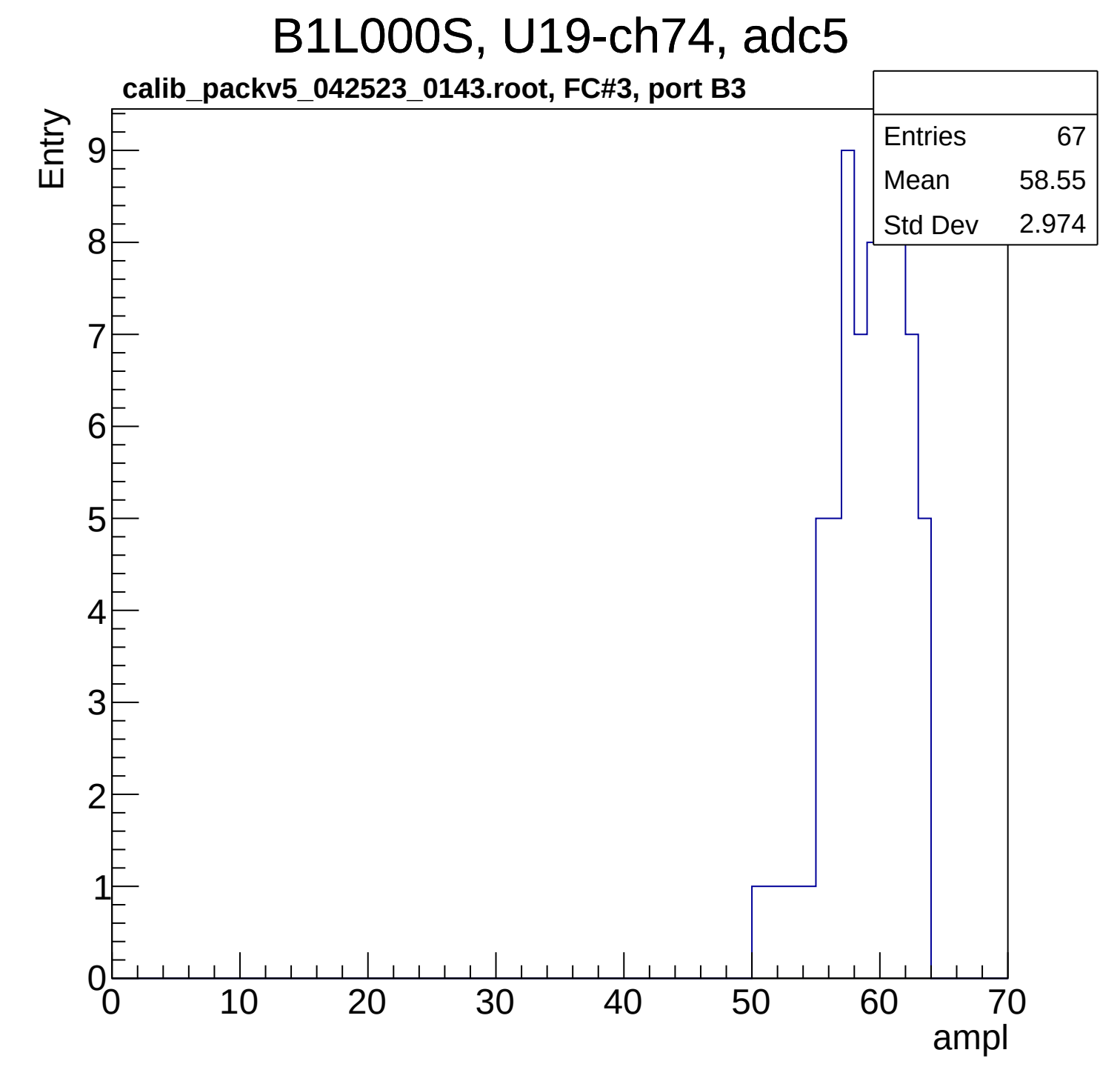
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch74, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 58.55
Std Dev 2.974
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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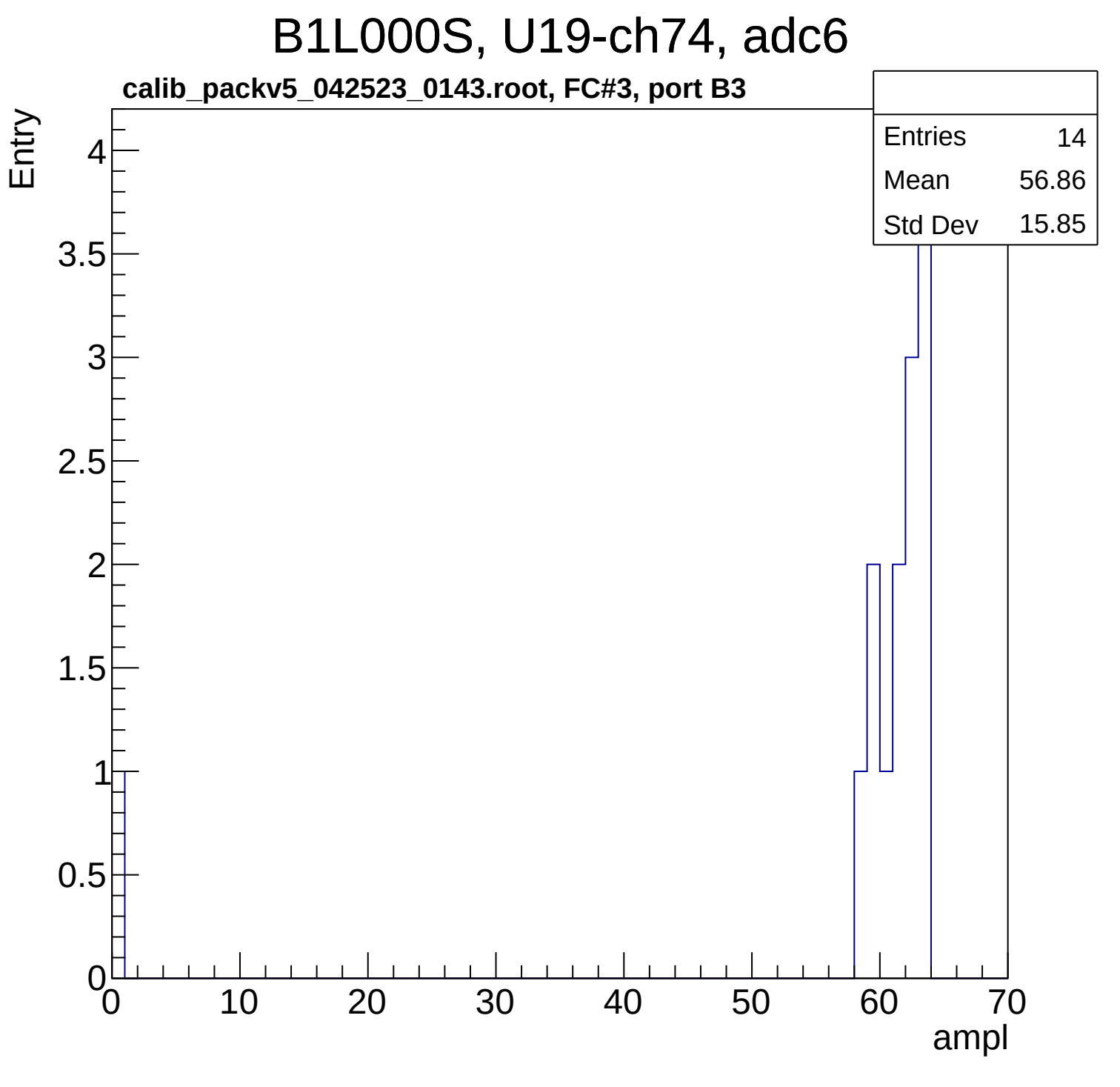
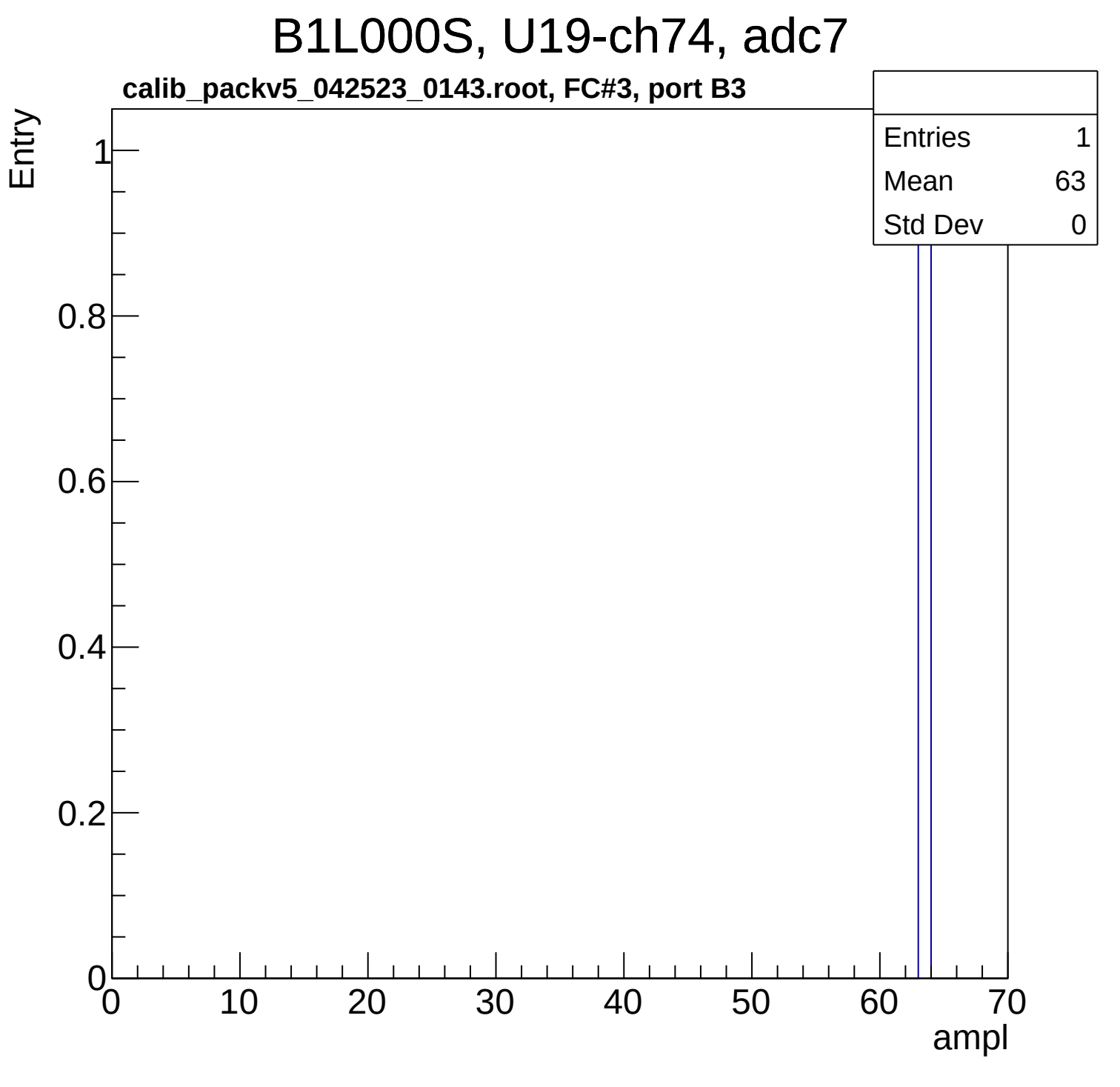
60
70


B1L000S, U19-ch74, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 56.86
Std Dev 15.85
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U19-ch74, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 63
Std Dev 0
Entry
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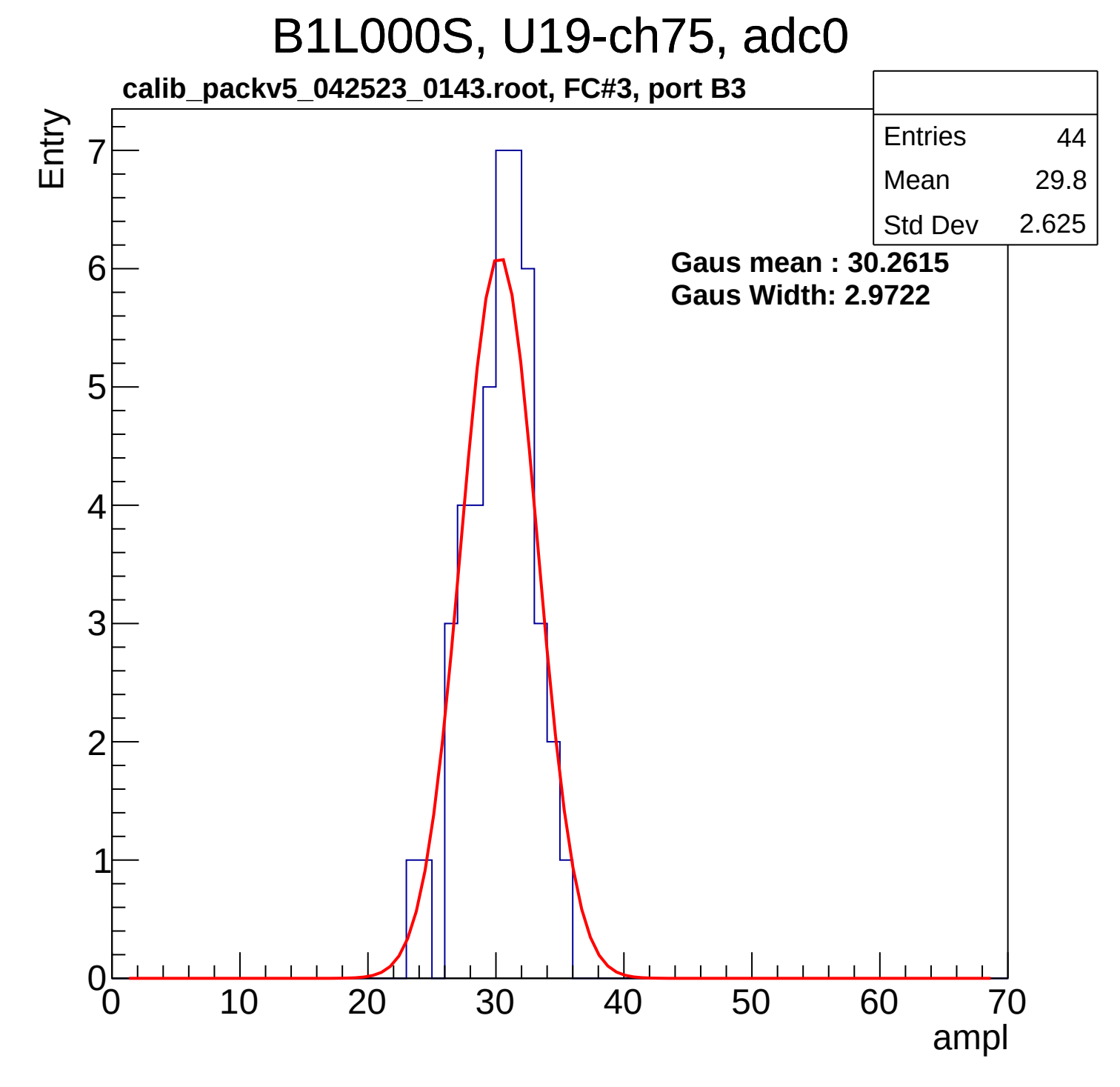
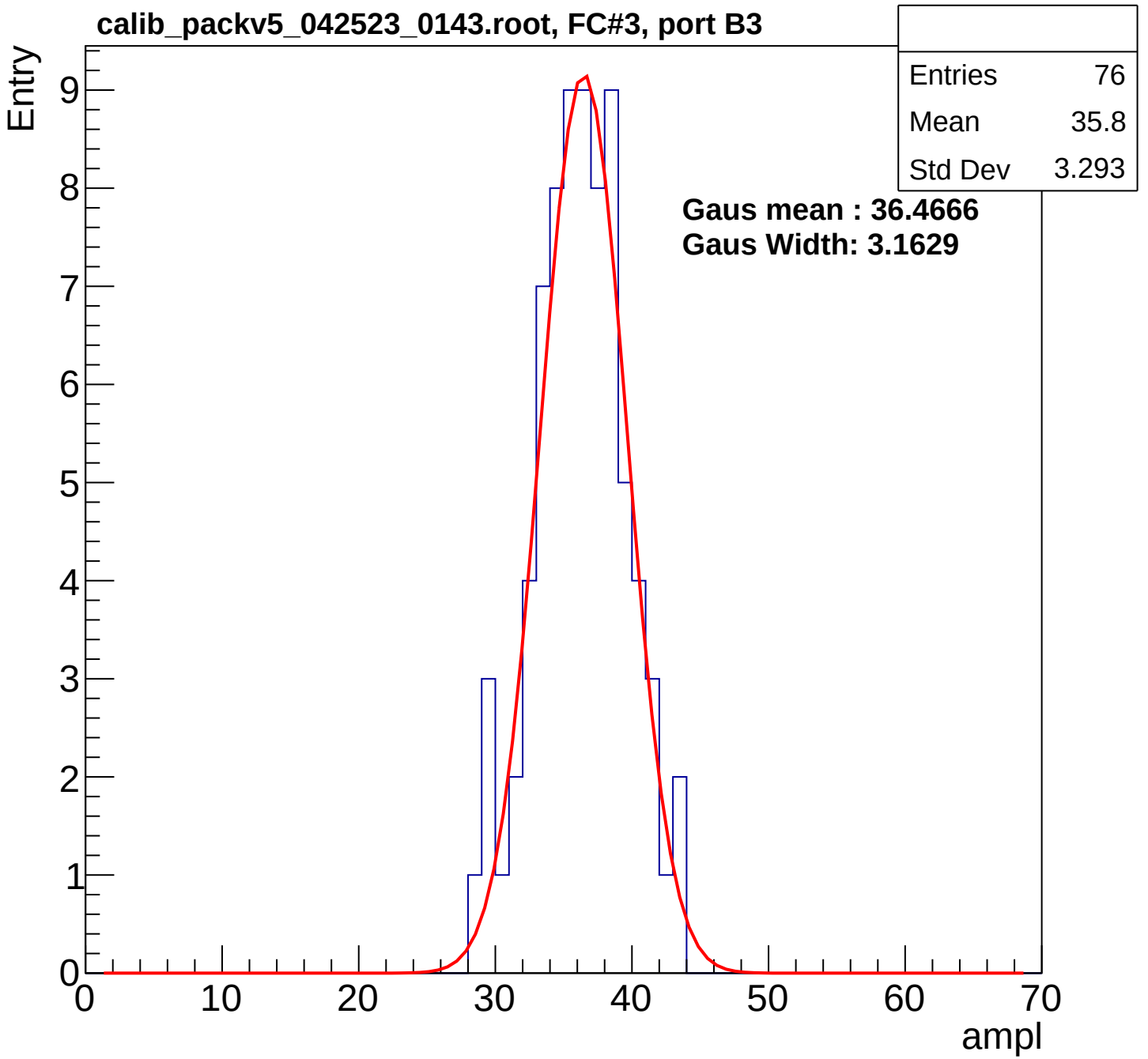
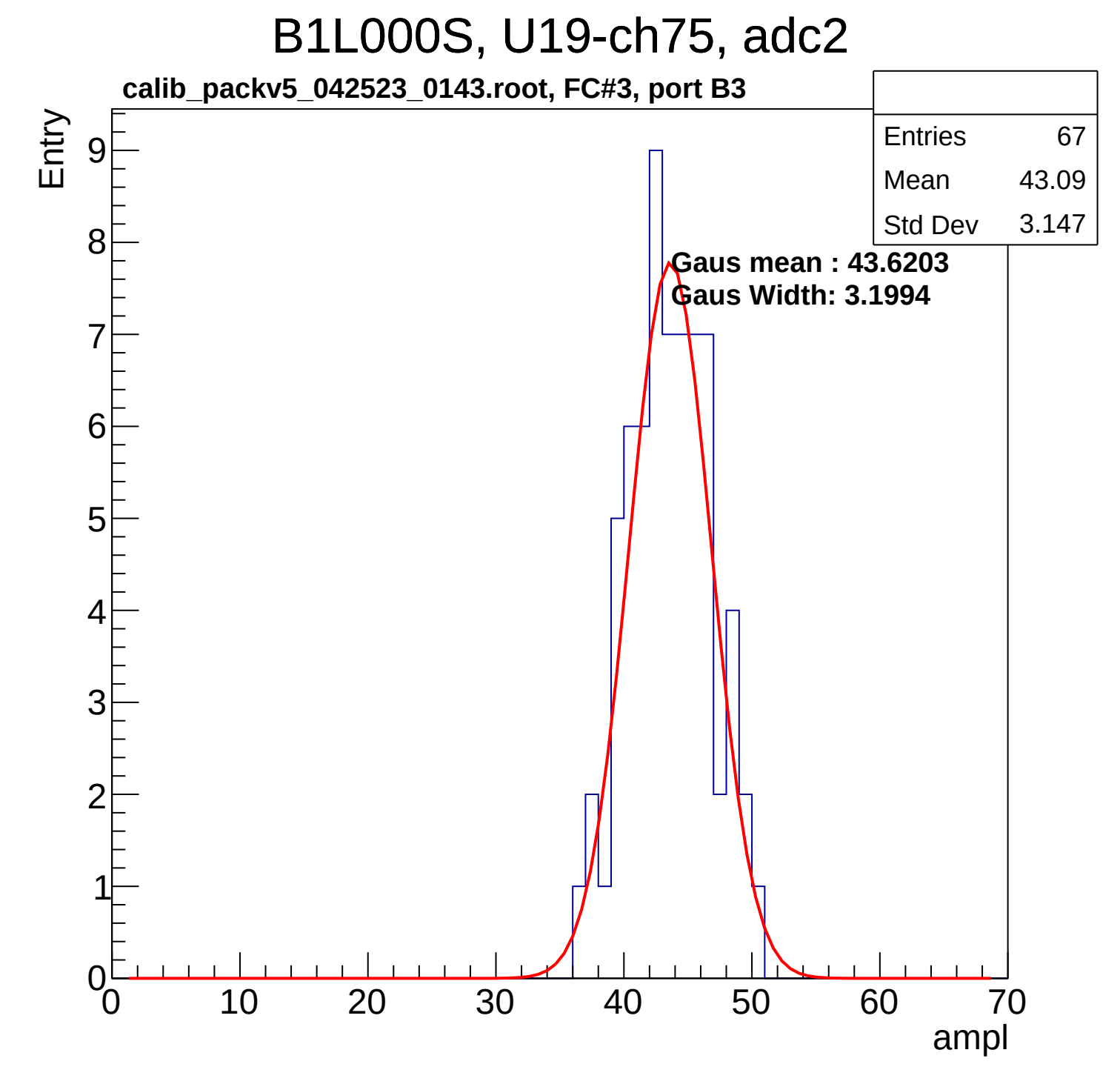
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch75, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 29.8
Std Dev 2.625
Gaus mean : 30.2615
Gaus Width: 2.9722
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U19-ch75, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 35.8
Std Dev 3.293
Gaus mean : 36.4666
Gaus Width: 3.1629
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch75, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 43.09
Std Dev 3.147
Gaus mean : 43.6203
Gaus Width: 3.1994
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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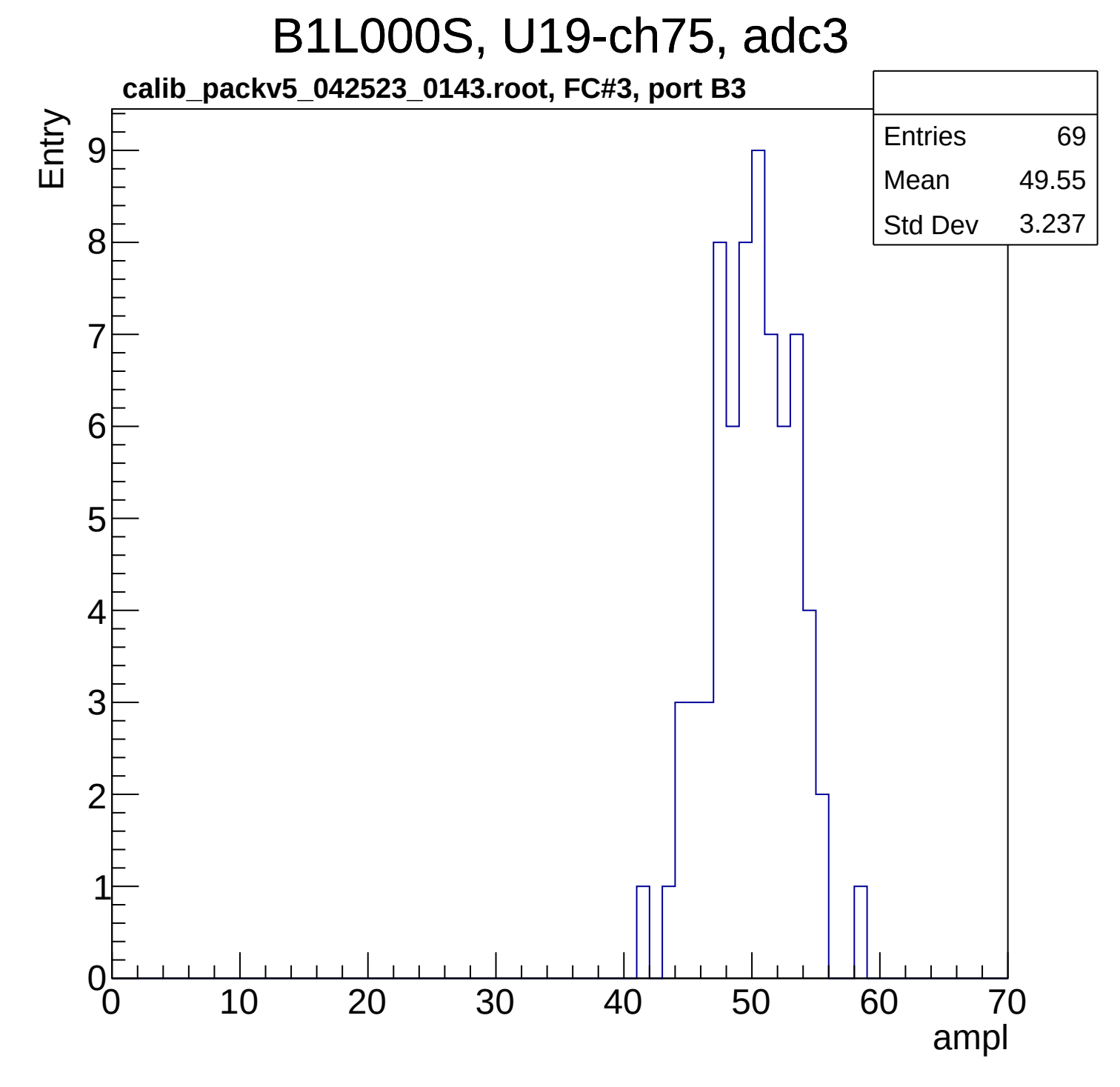
B1L000S, U19-ch75, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 49.55
Std Dev 3.237
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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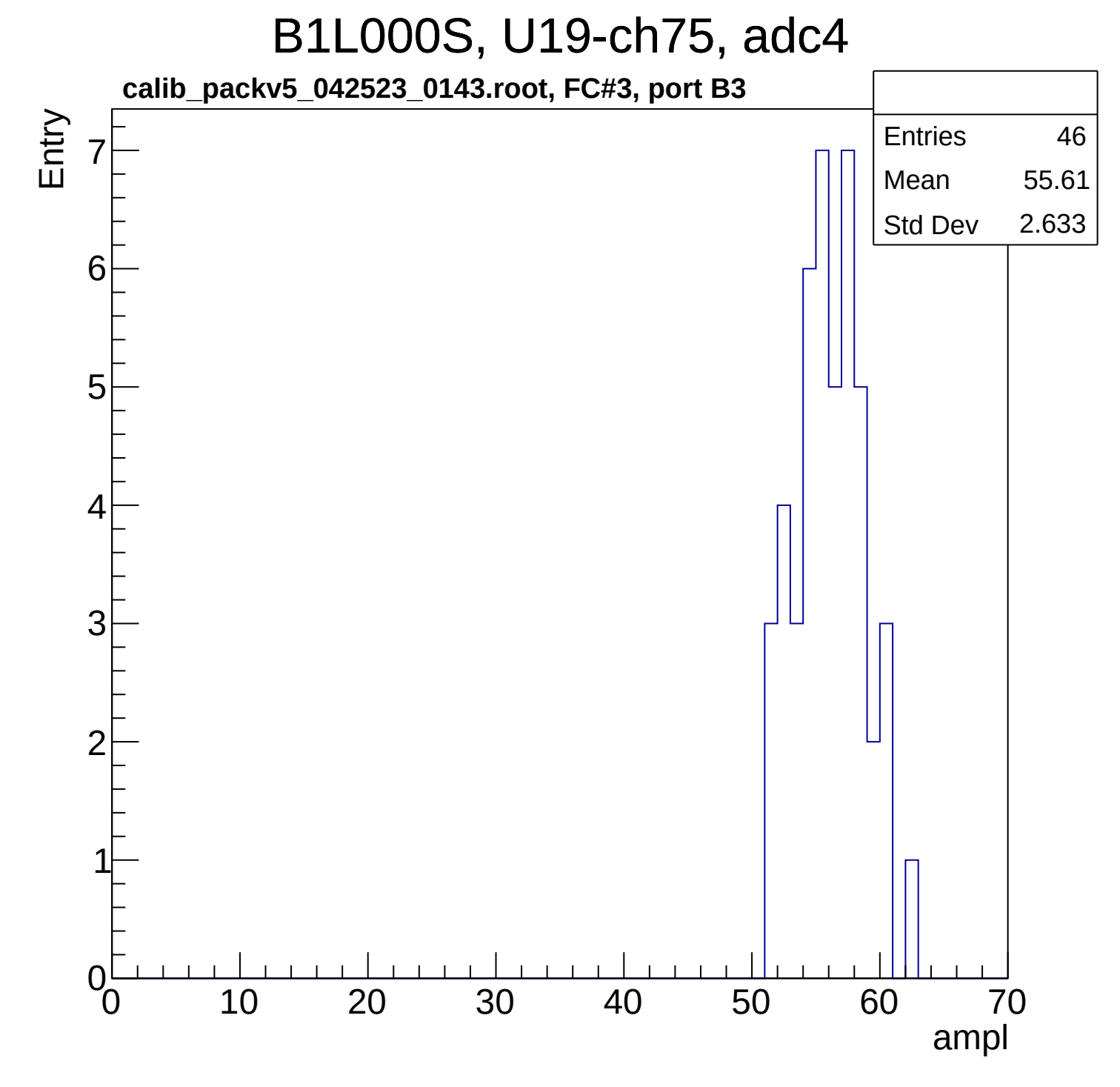
B1L000S, U19-ch75, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 55.61
Std Dev 2.633
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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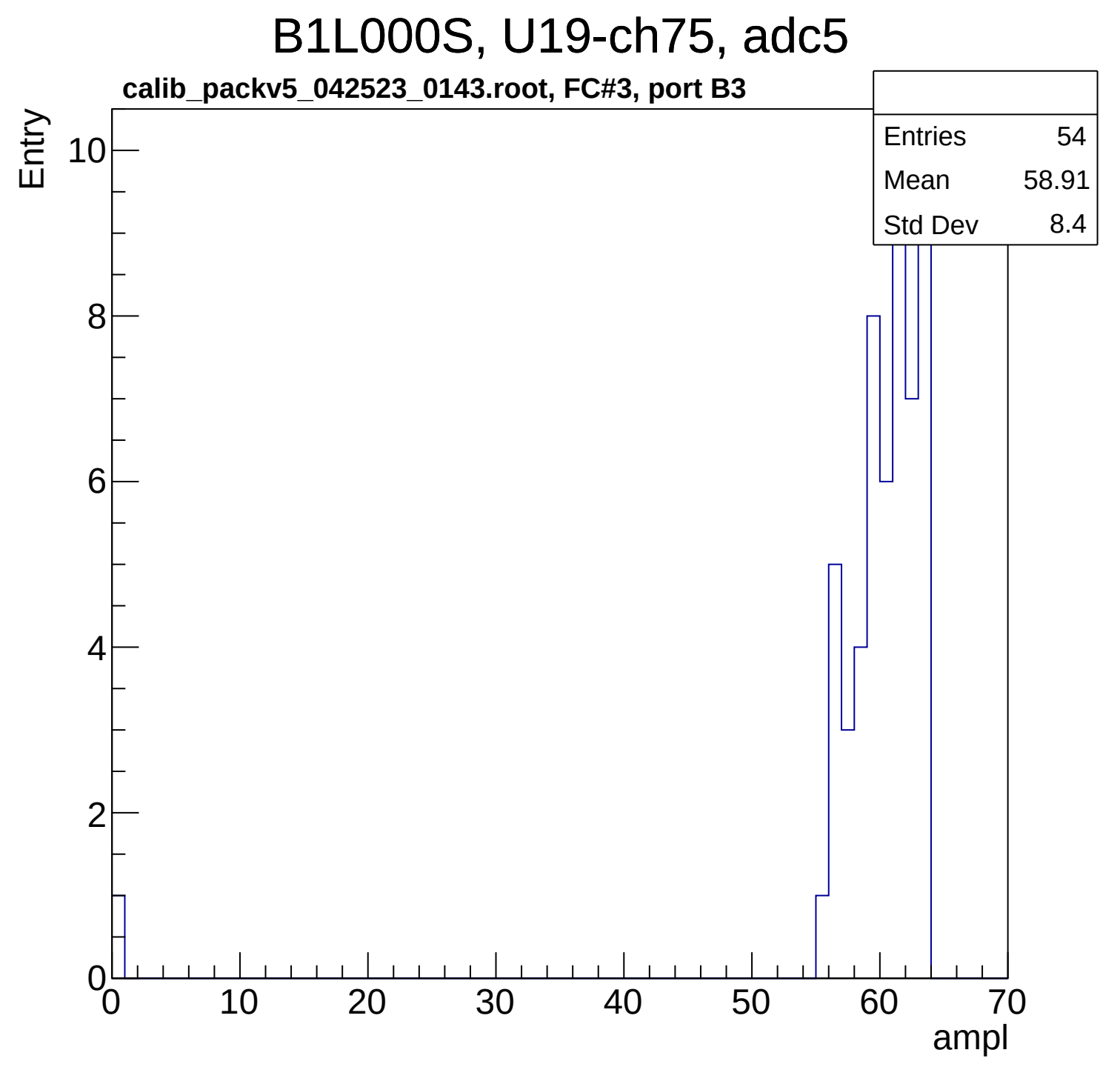
B1L000S, U19-ch75, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 58.91
Std Dev 8.4
Entry
ampl
0
2
4
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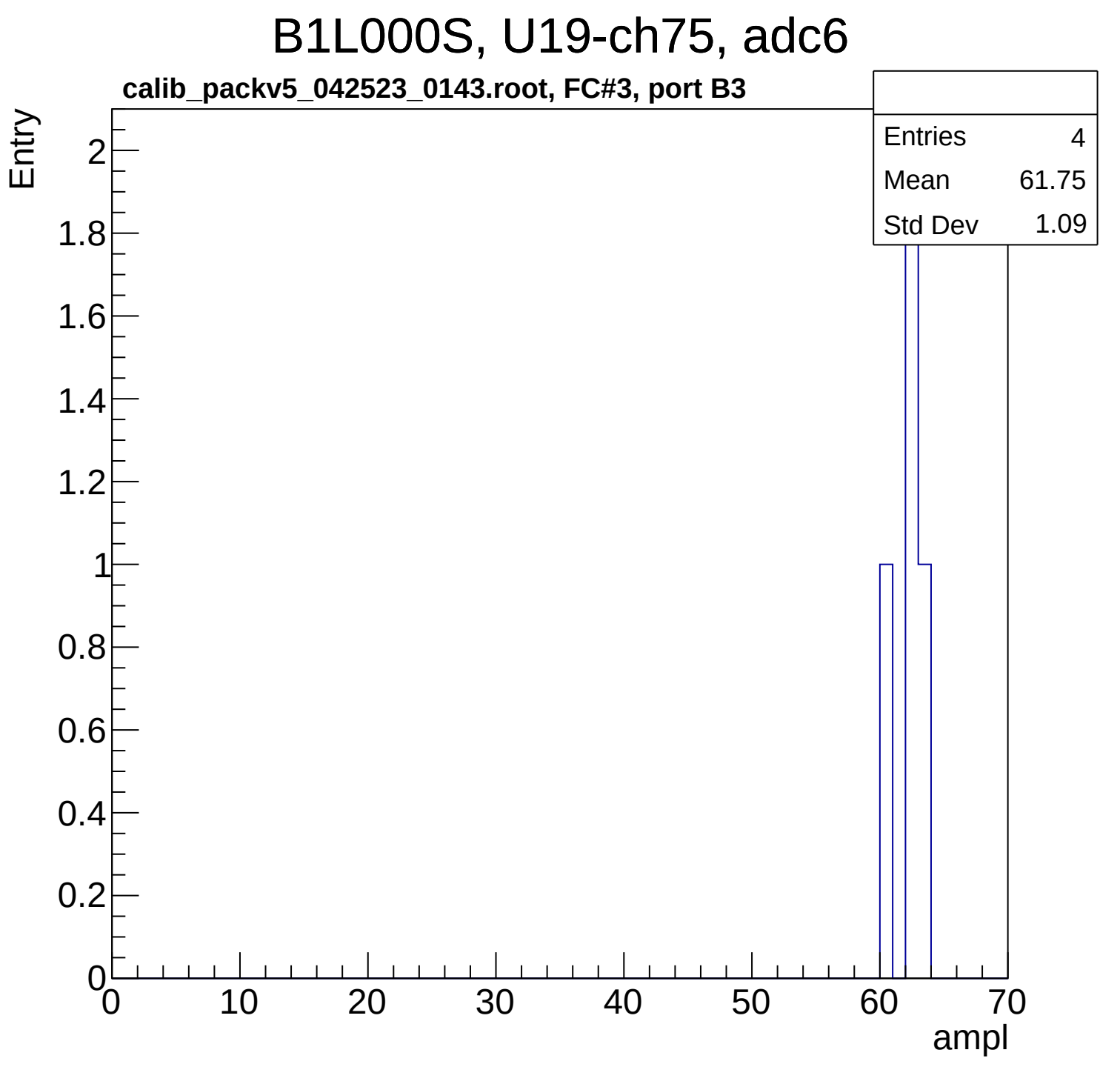
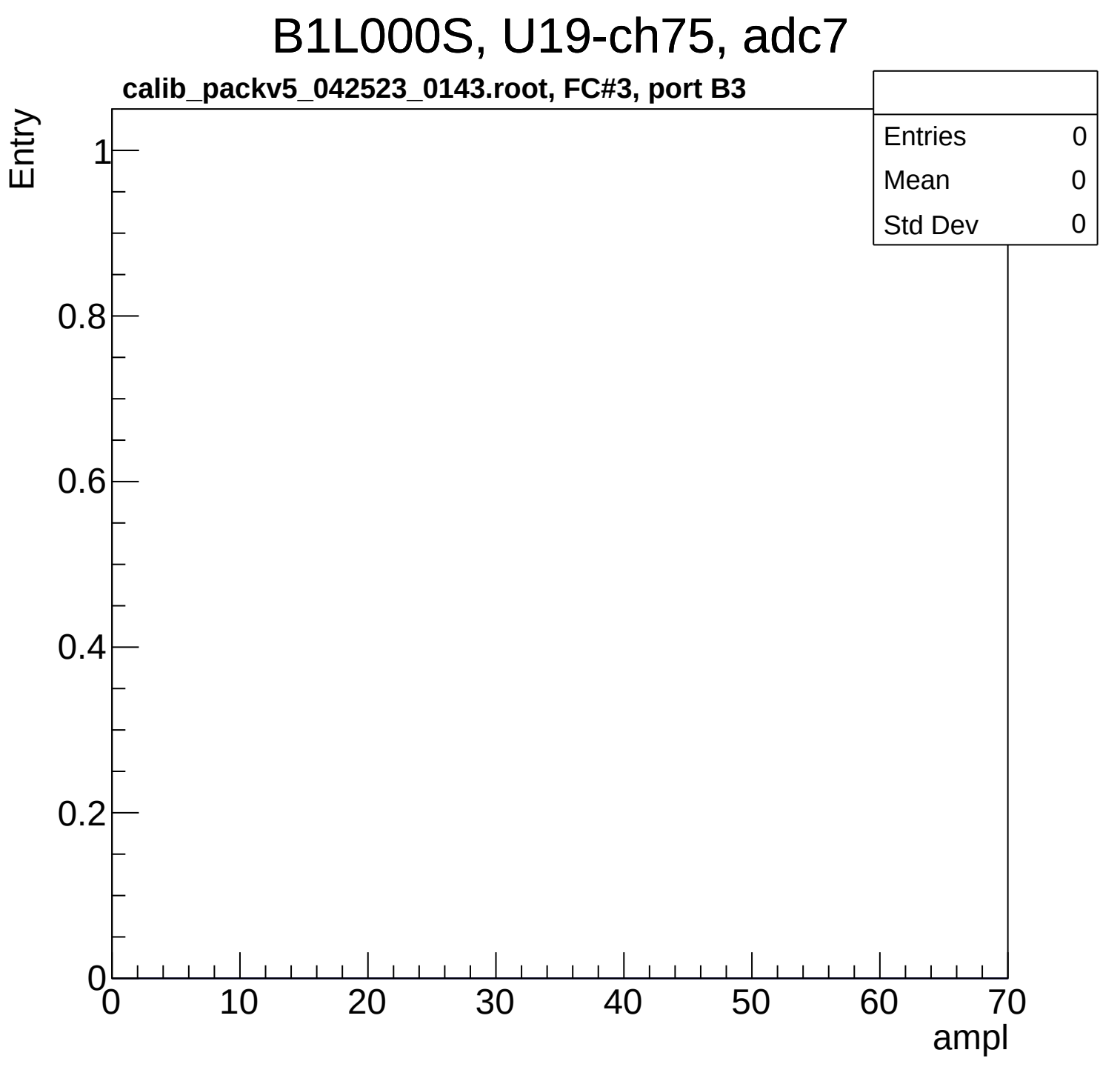
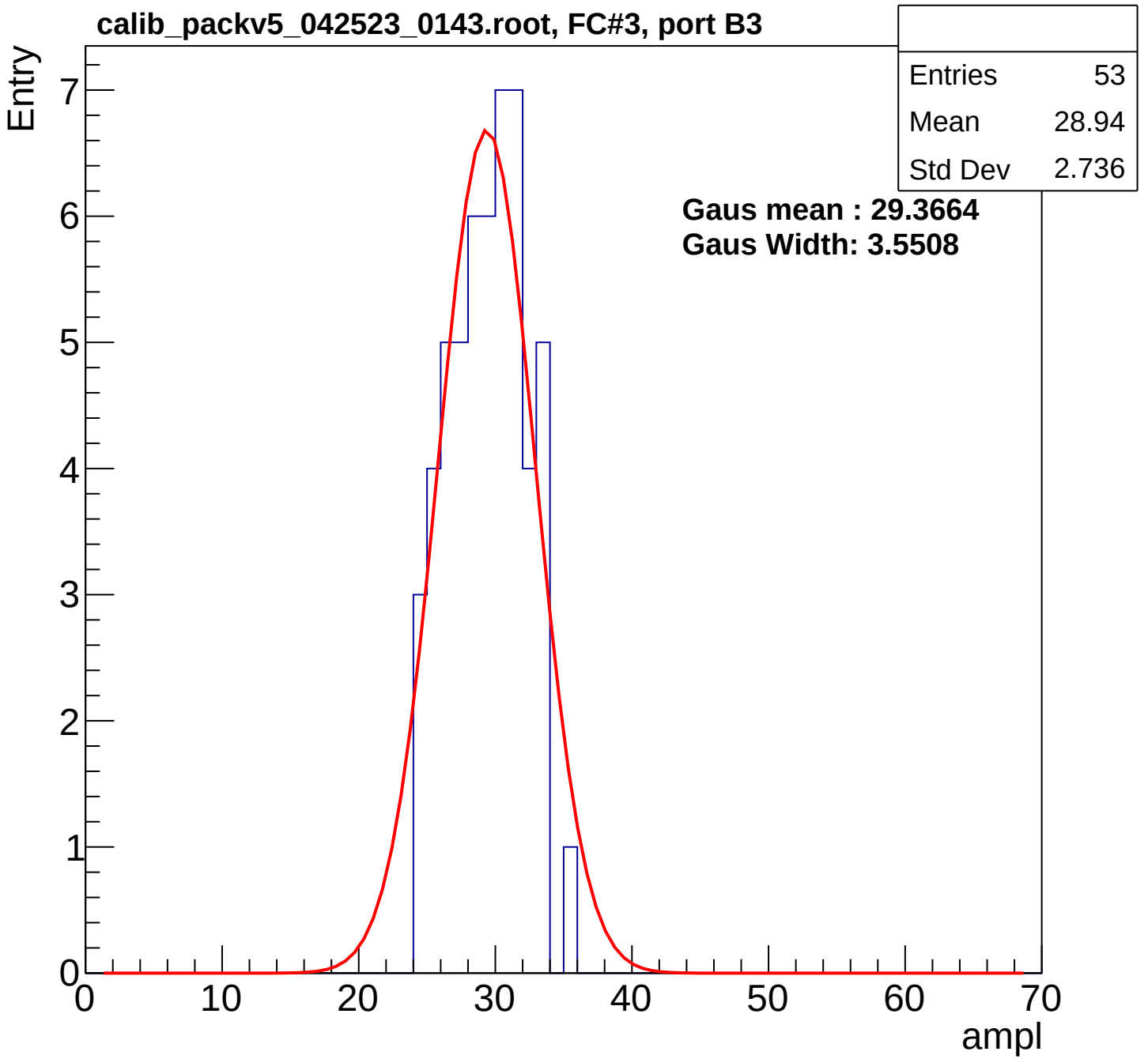
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch75, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 61.75
Std Dev 1.09
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, U19-ch75, 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, U19-ch76, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 28.94
Std Dev 2.736
Gaus mean : 29.3664
Gaus Width: 3.5508
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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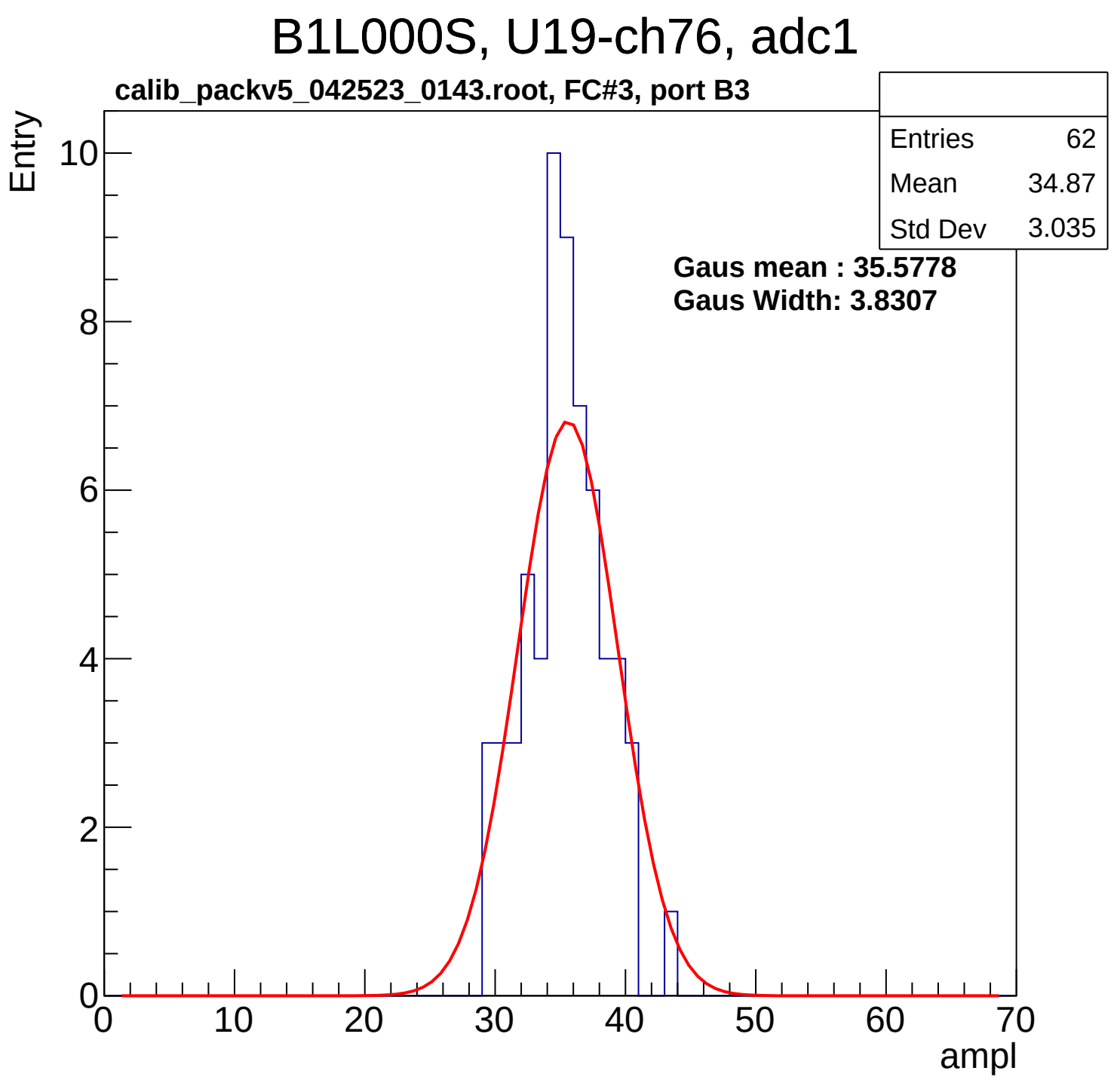
40
50
60
70


B1L000S, U19-ch76, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 34.87
Std Dev 3.035
Gaus mean : 35.5778
Gaus Width: 3.8307
Entry
ampl
0
2
4
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8
10
0
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20
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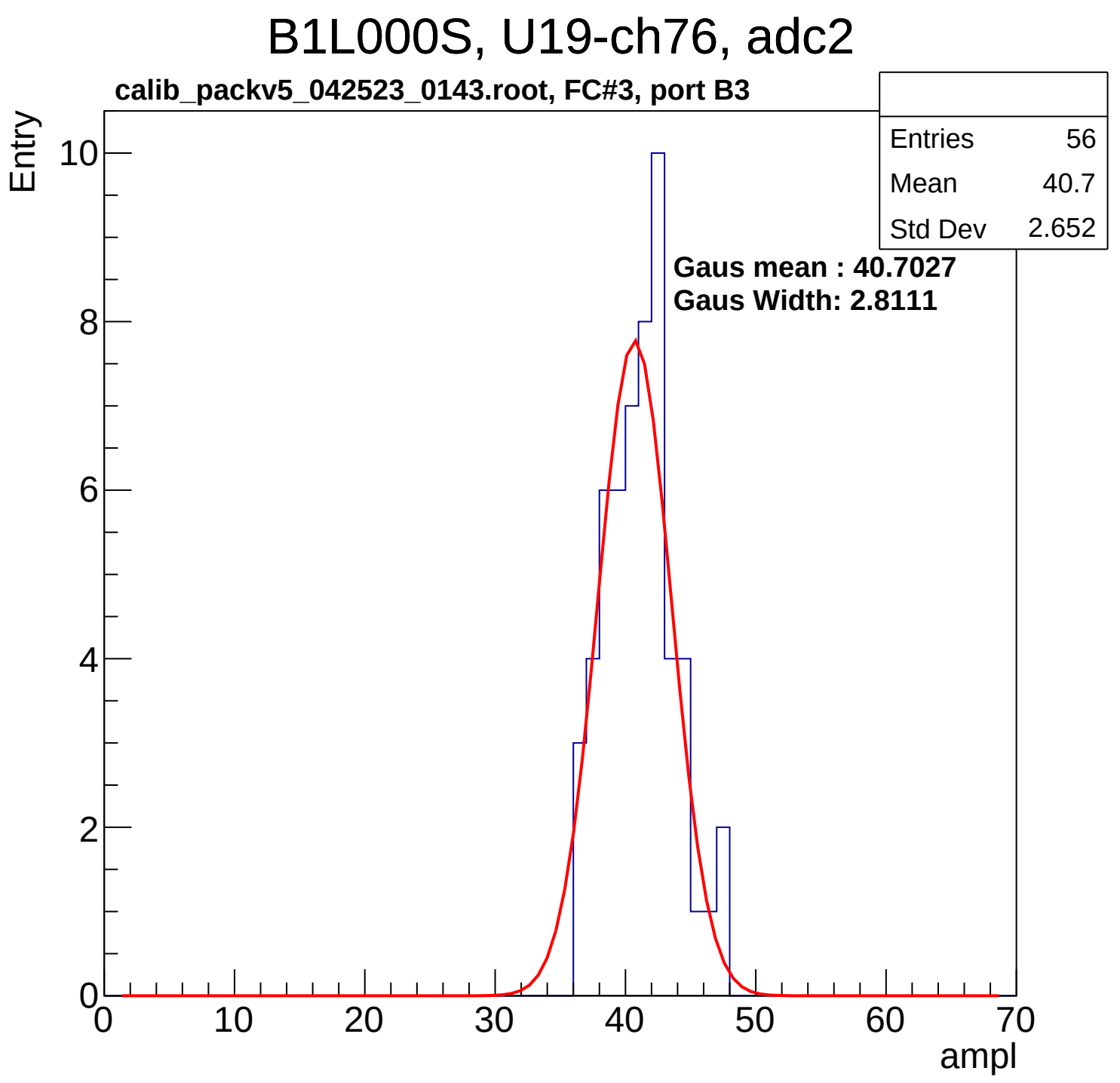
40
50
60
70


B1L000S, U19-ch76, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 40.7
Std Dev 2.652
Gaus mean : 40.7027
Gaus Width: 2.8111
Entry
ampl
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2
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6
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0
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60
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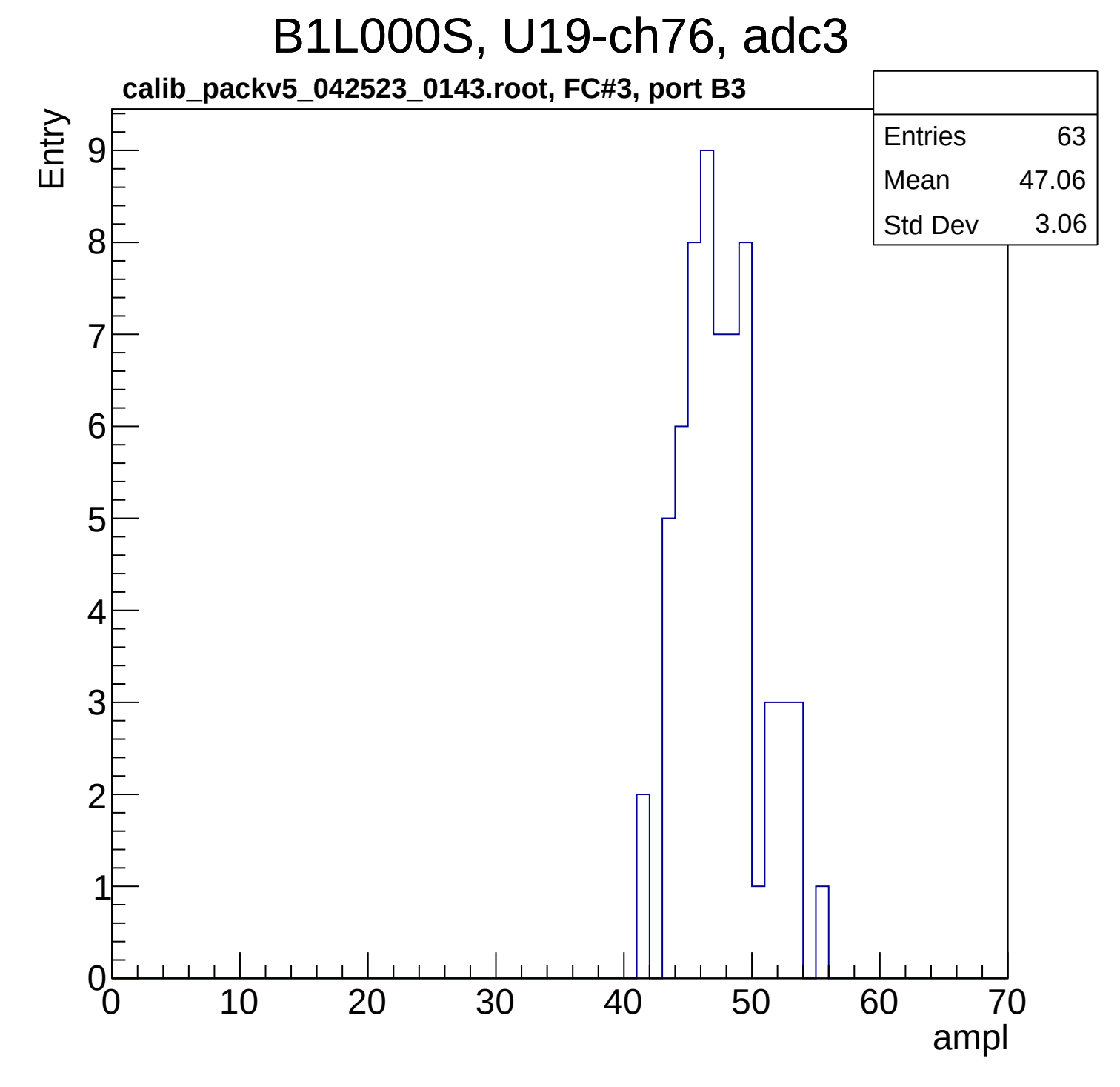
B1L000S, U19-ch76, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 47.06
Std Dev 3.06
Entry
ampl
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6
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8
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0
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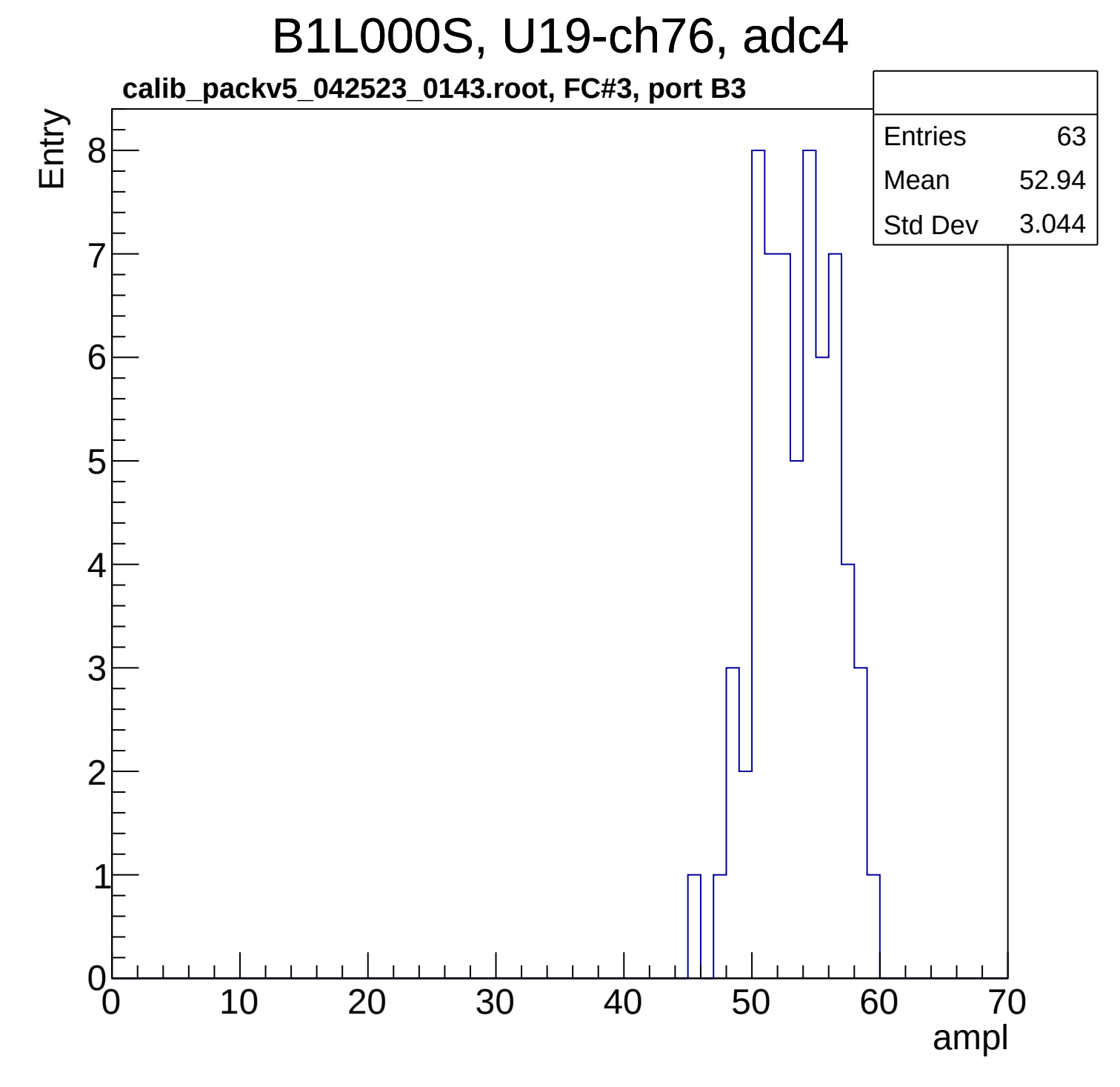
B1L000S, U19-ch76, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 52.94
Std Dev 3.044
Entry
ampl
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5
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60
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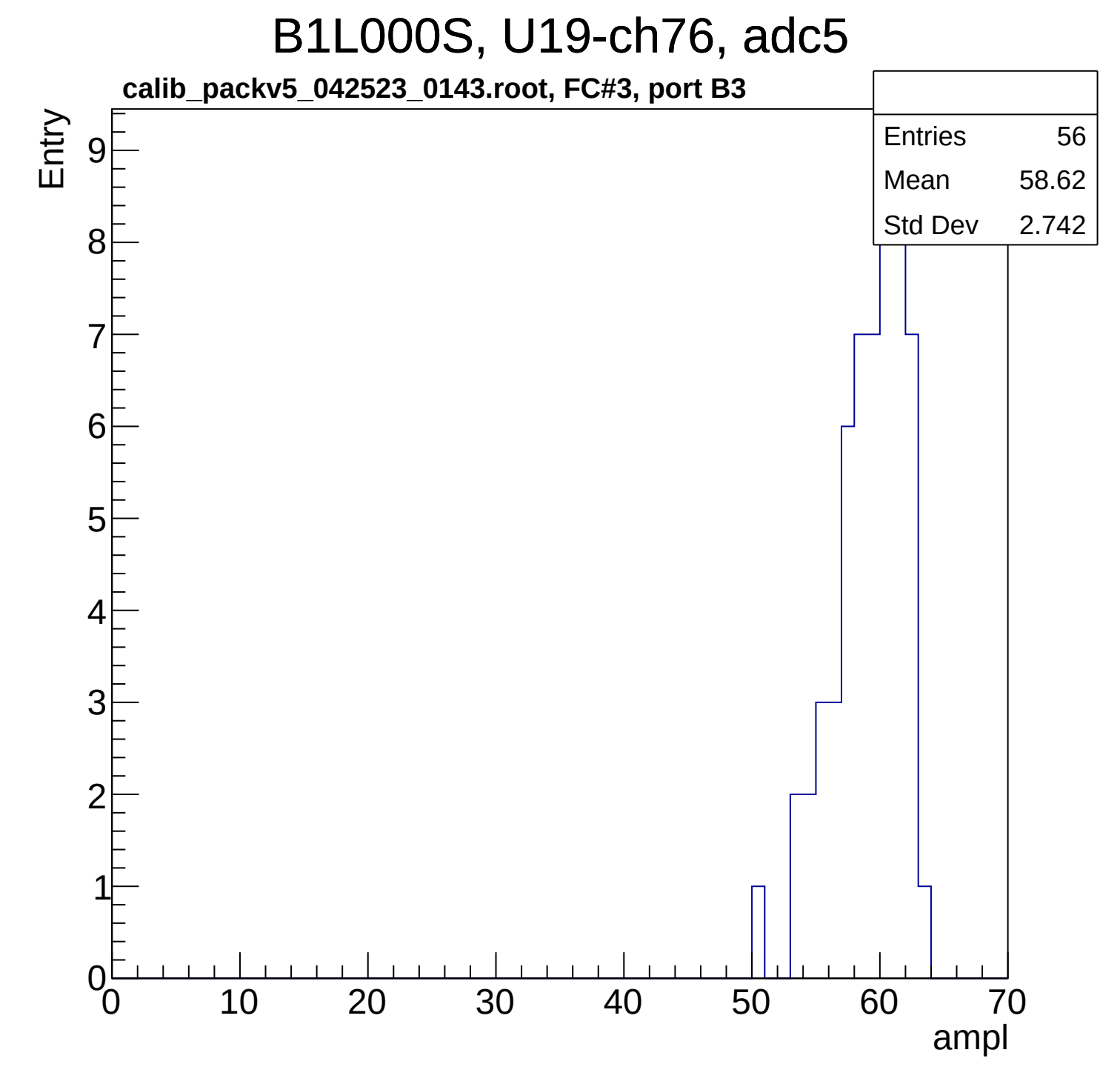
B1L000S, U19-ch76, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 58.62
Std Dev 2.742
Entry
ampl
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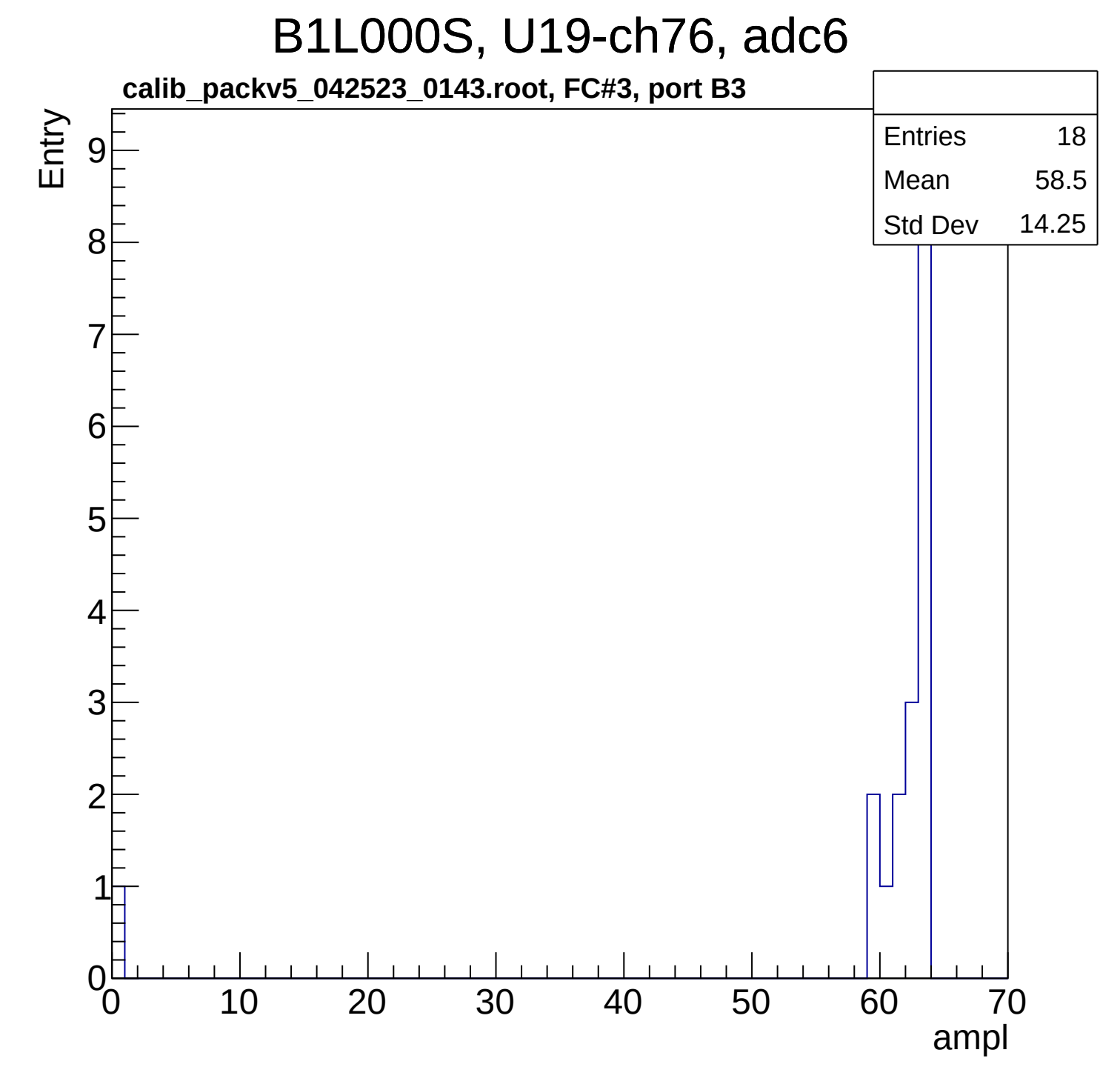
B1L000S, U19-ch76, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 18
Mean 58.5
Std Dev 14.25
Entry
ampl
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3
4
5
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8
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60
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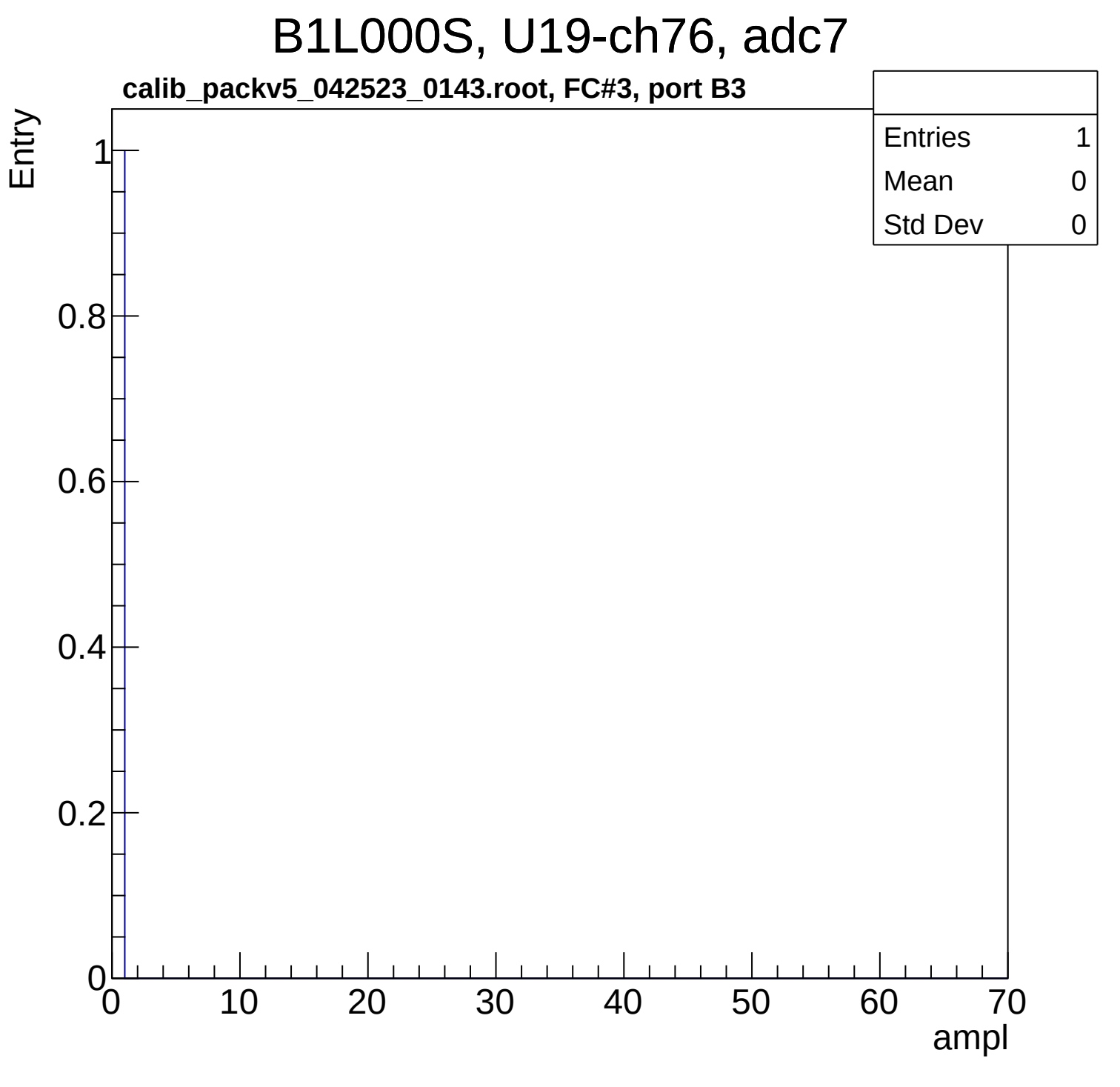
B1L000S, U19-ch76, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
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10
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30
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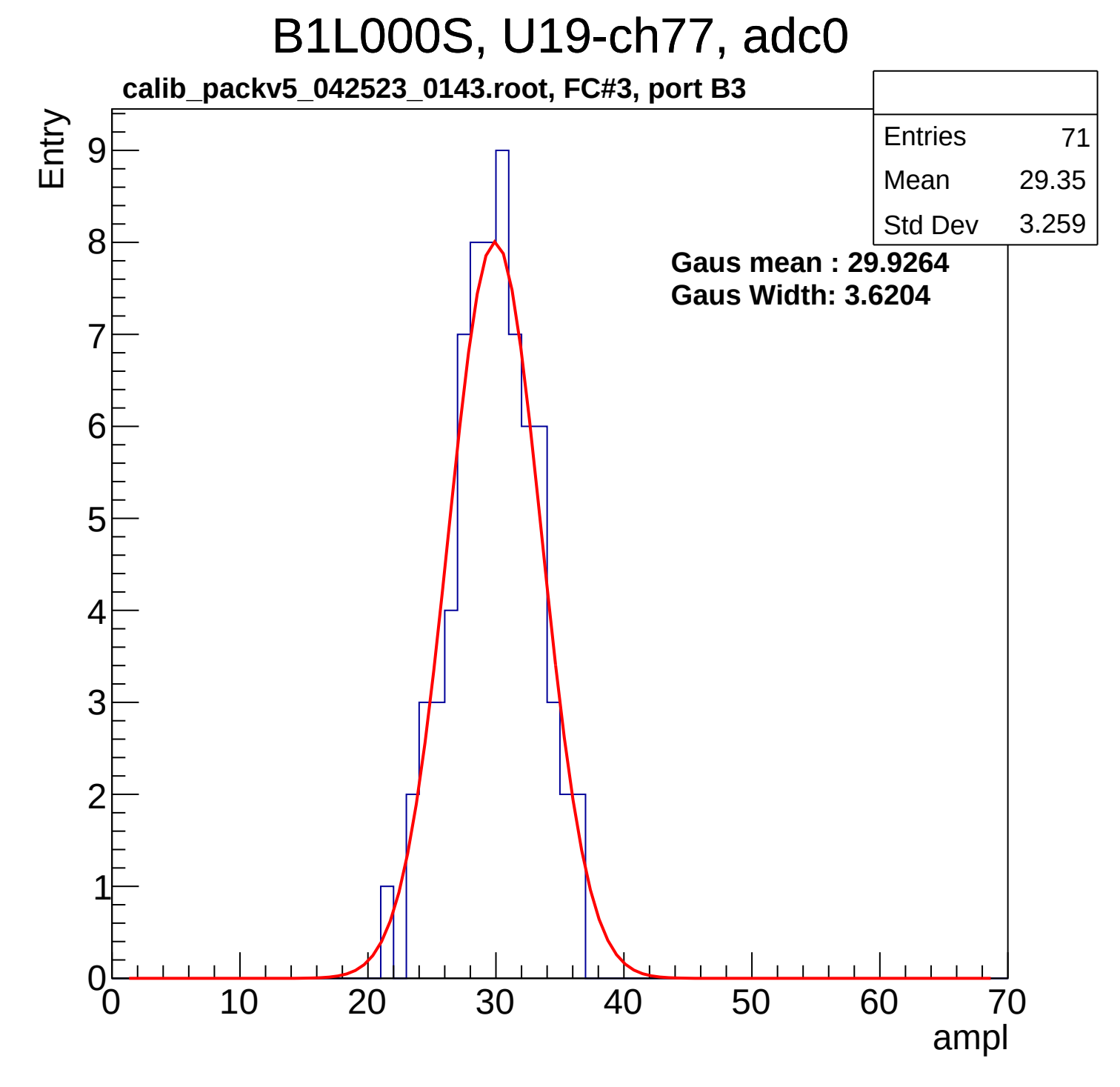
50
60
70
ampl


B1L000S, U19-ch77, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 29.35
Std Dev 3.259
Gaus mean : 29.9264
Gaus Width: 3.6204
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
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40
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60
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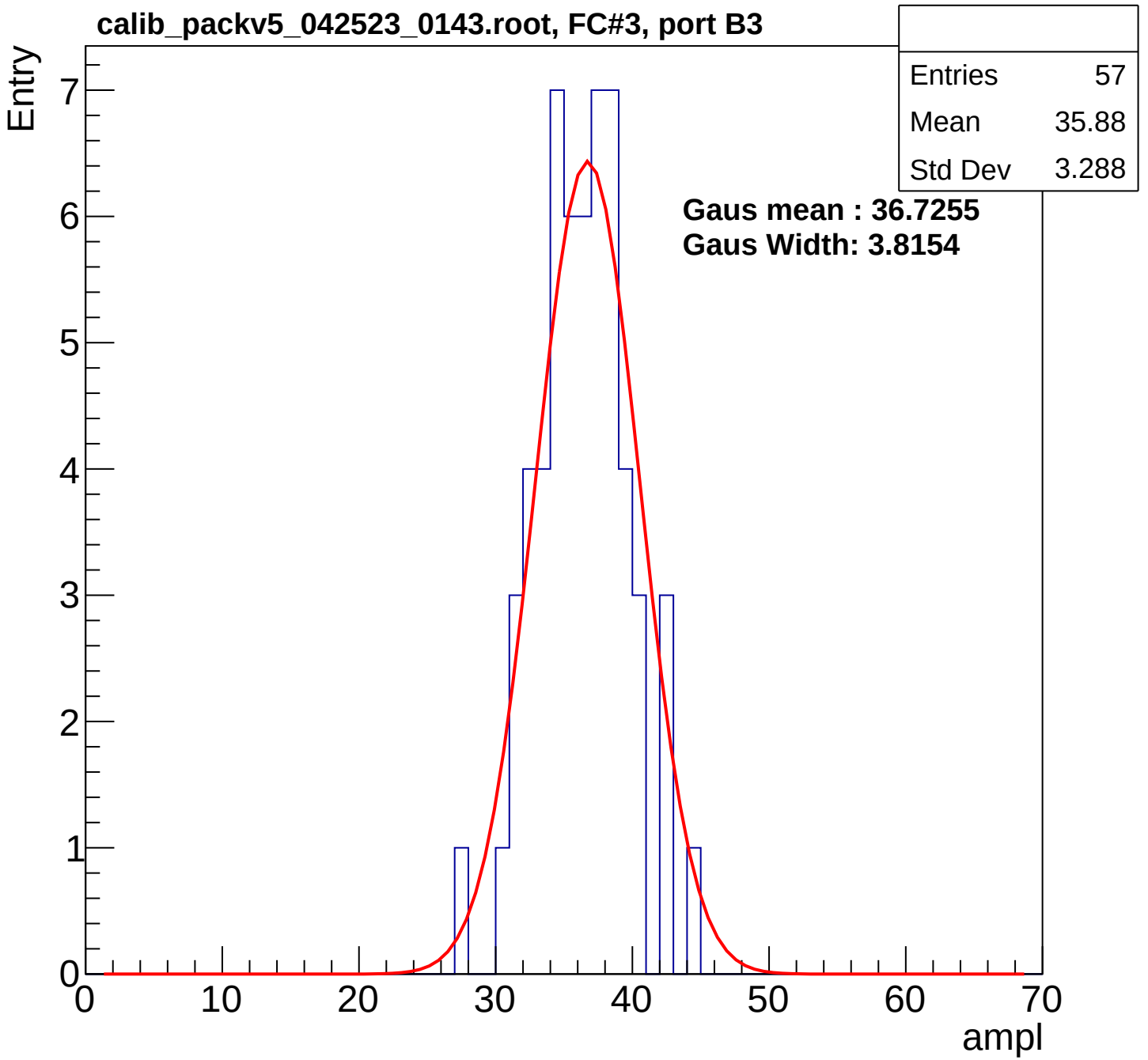
B1L000S, U19-ch77, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 35.88
Std Dev 3.288
Gaus mean : 36.7255
Gaus Width: 3.8154
Entry
ampl
0
1
2
3
4
5
6
7
0
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60
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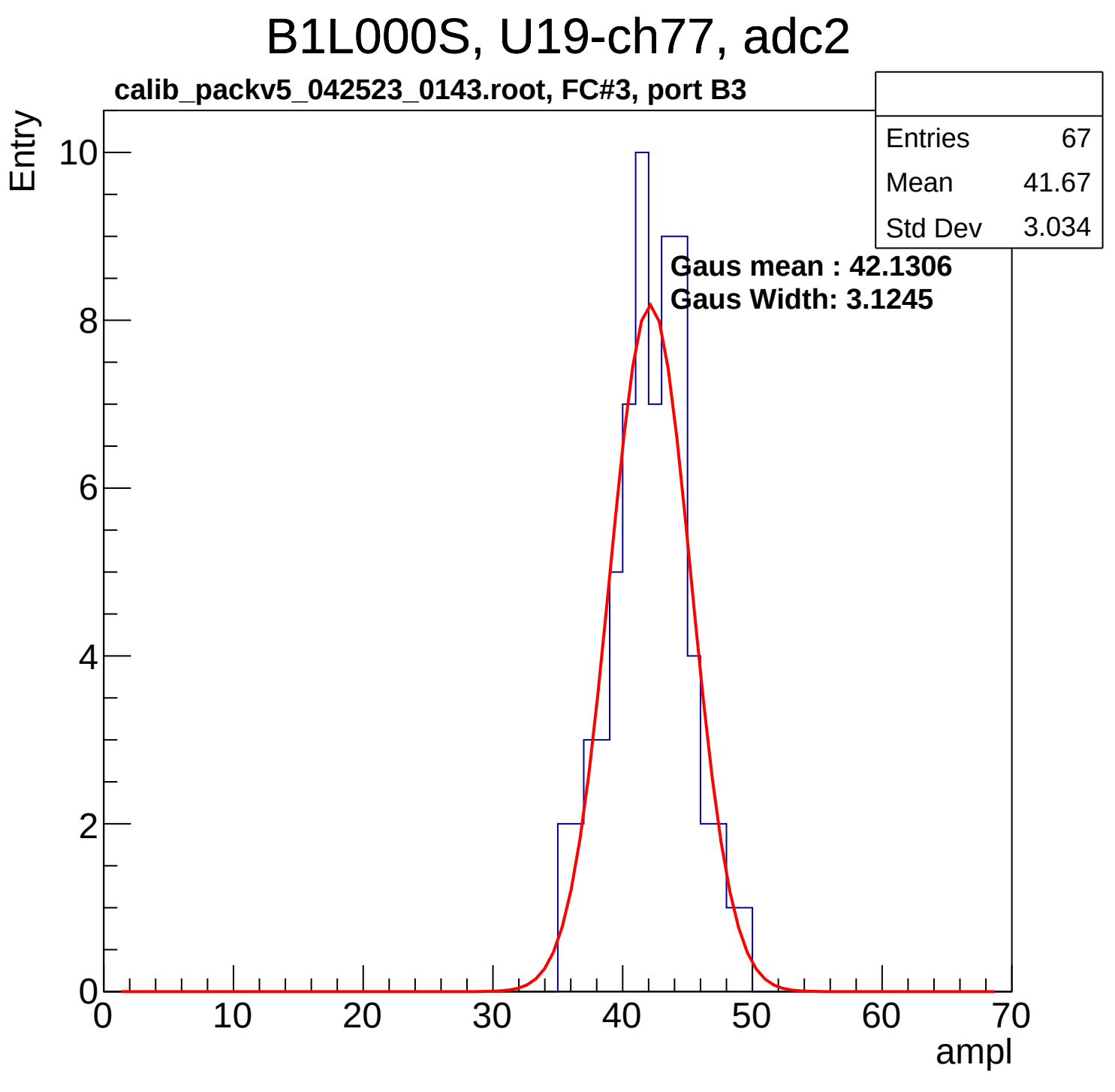
B1L000S, U19-ch77, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 41.67
Std Dev 3.034
Gaus mean : 42.1306
Gaus Width: 3.1245
Entry
ampl
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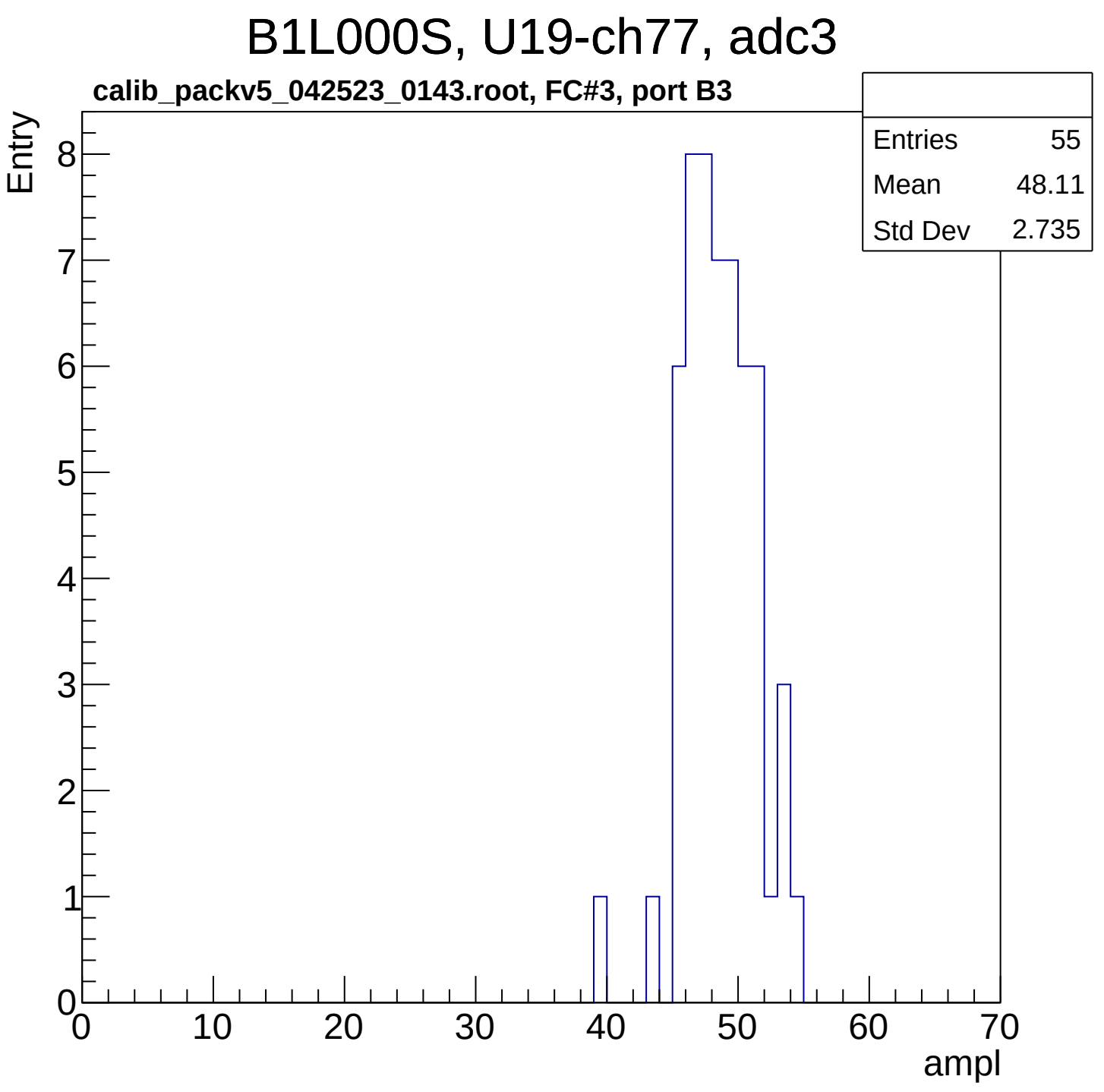
B1L000S, U19-ch77, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 48.11
Std Dev 2.735
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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60
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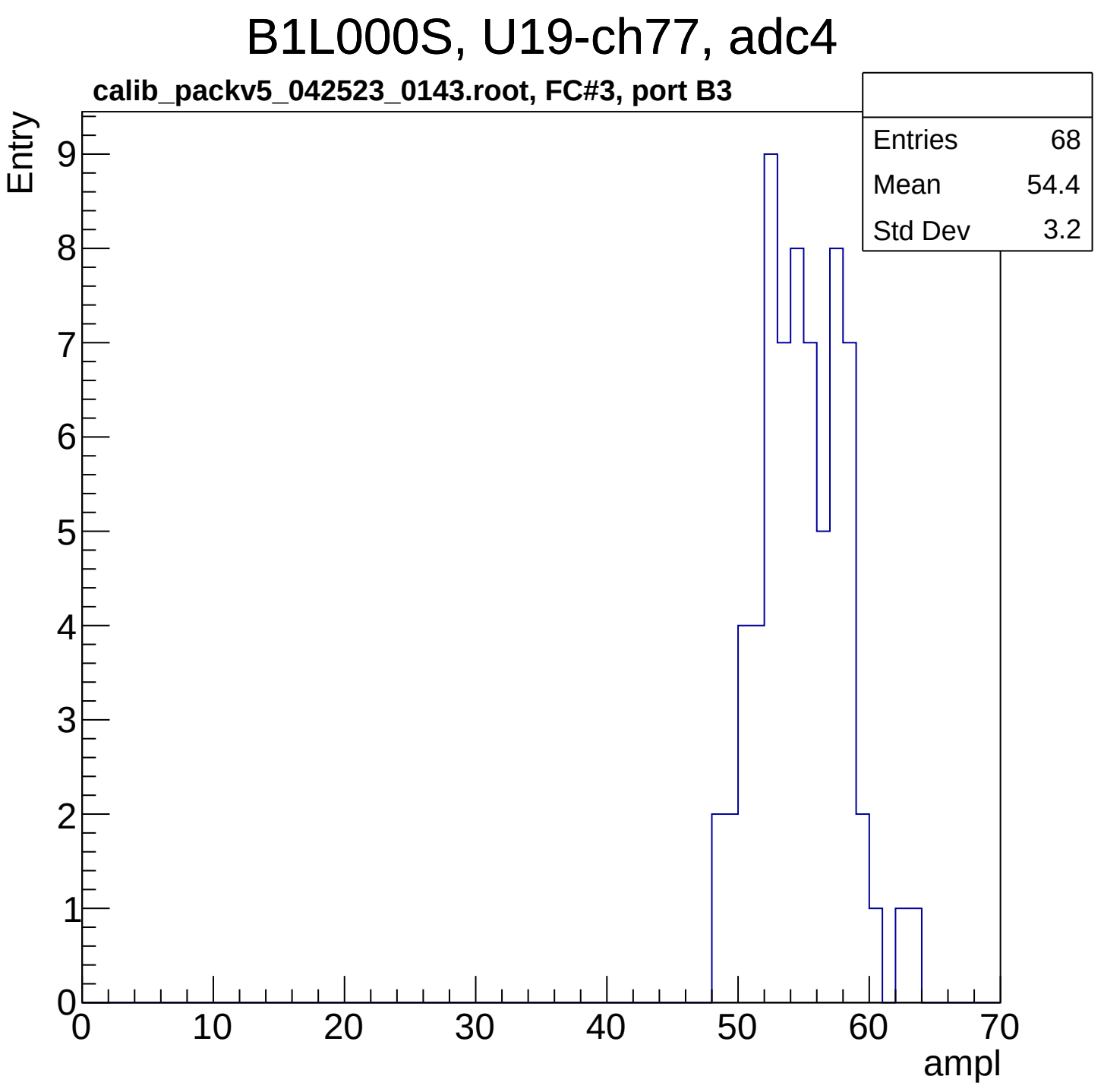
B1L000S, U19-ch77, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 54.4
Std Dev 3.2
Entry
0
1
2
3
4
5
6
7
8
9
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10
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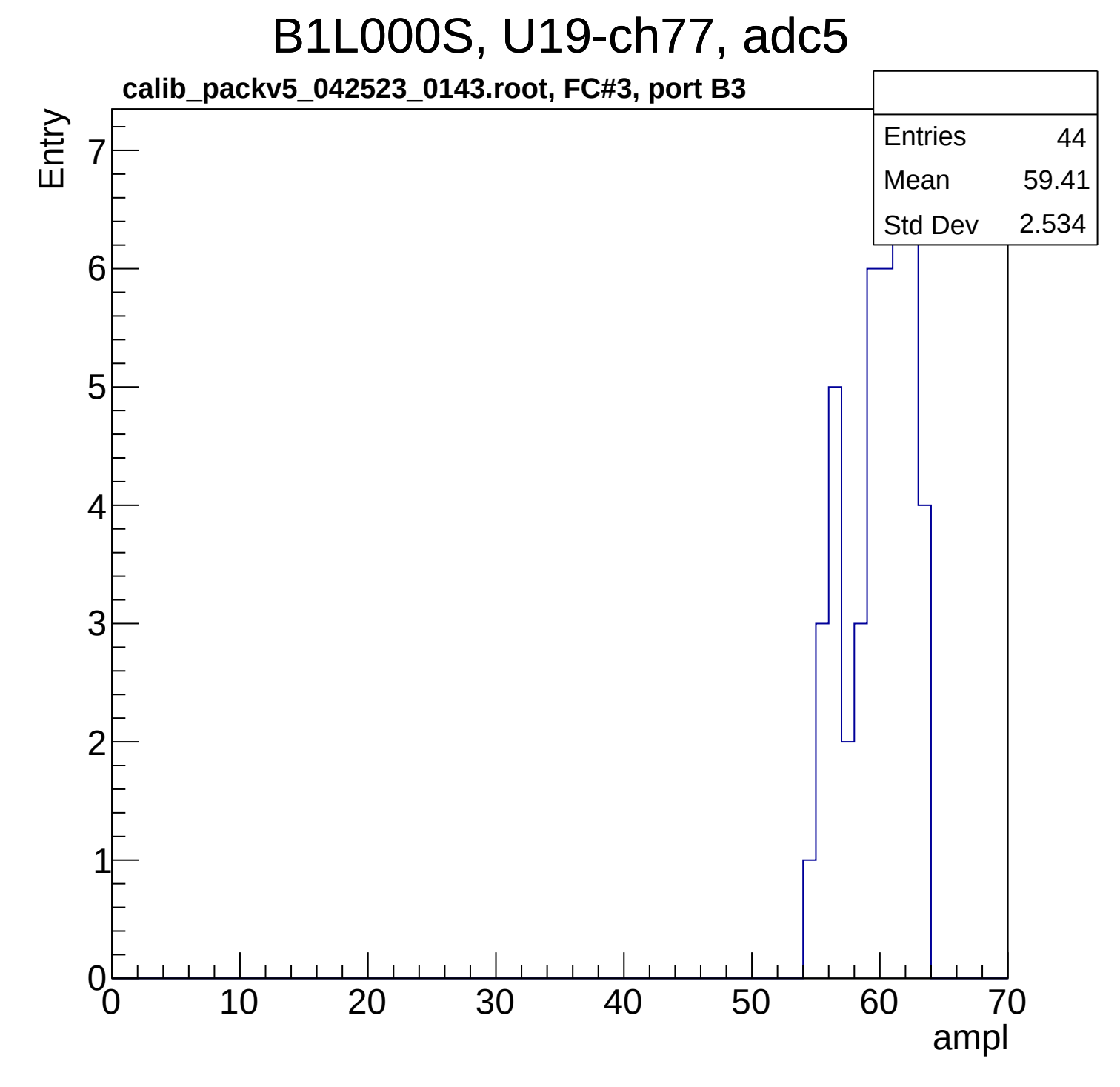
50
60
70
ampl


B1L000S, U19-ch77, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 59.41
Std Dev 2.534
Entry
ampl
0
1
2
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4
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0
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60
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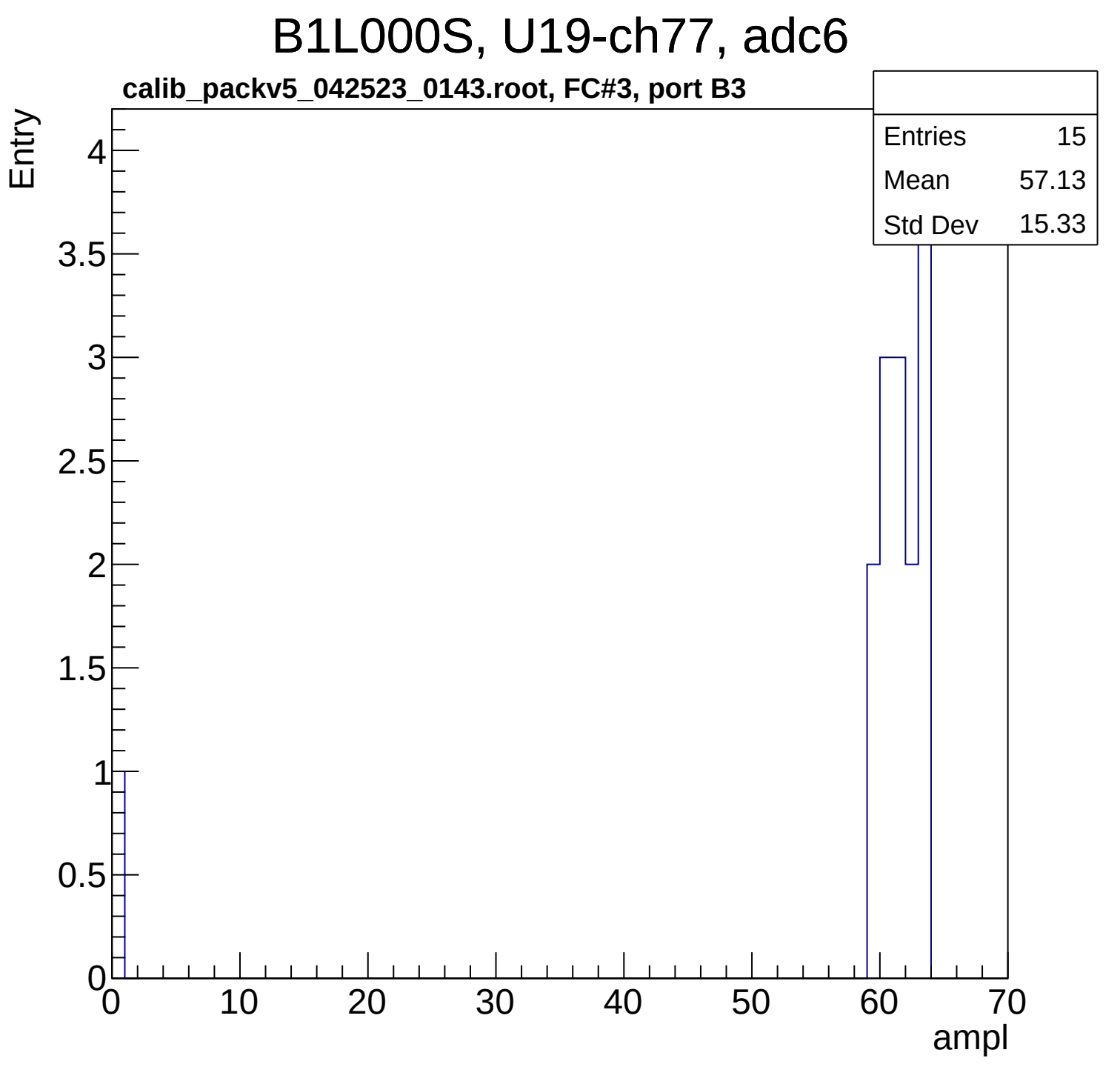
B1L000S, U19-ch77, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 57.13
Std Dev 15.33
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
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40
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60
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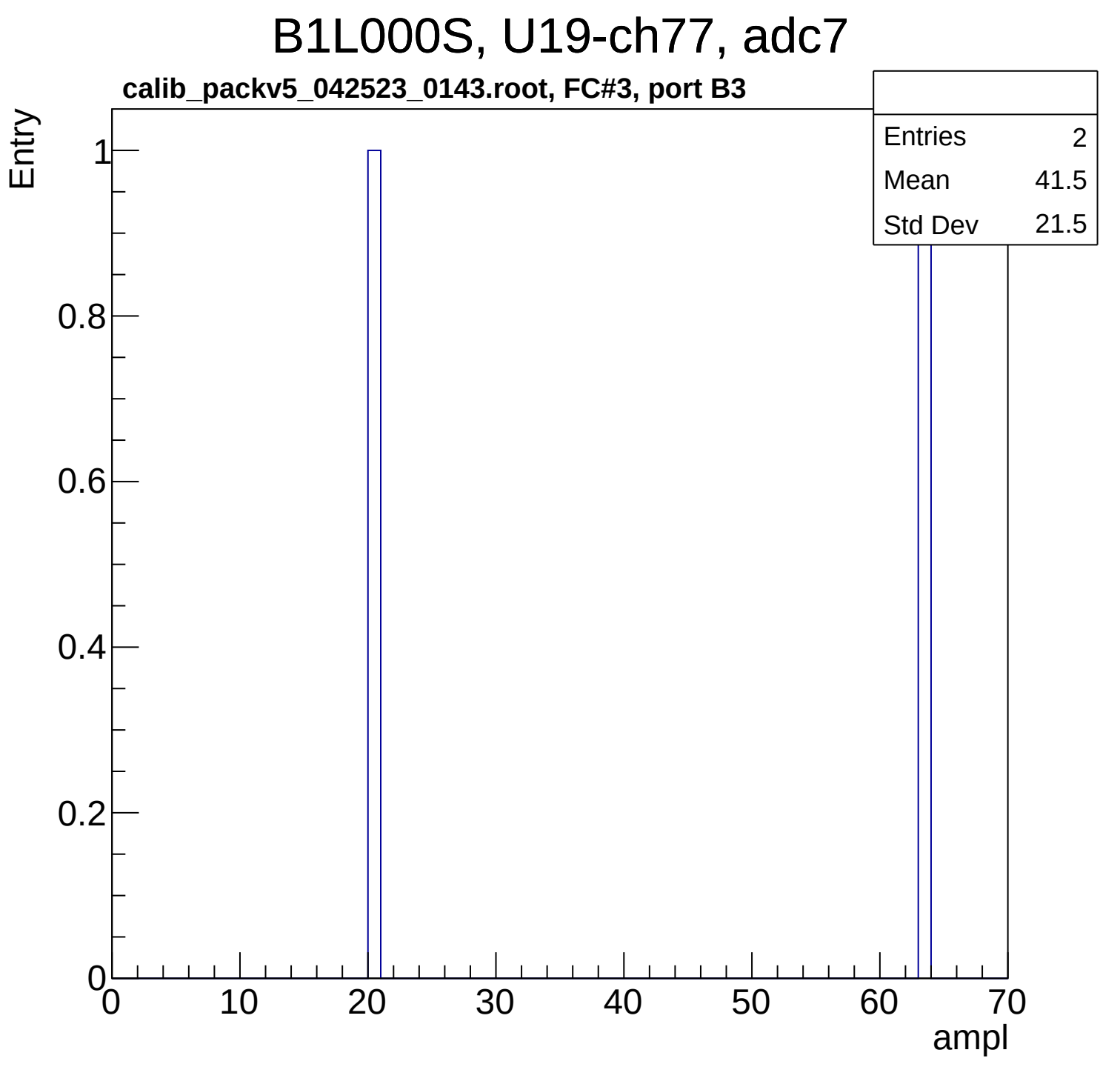
B1L000S, U19-ch77, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 41.5
Std Dev 21.5
Entry
ampl
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0.2
0.4
0.6
0.8
1
0
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40
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60
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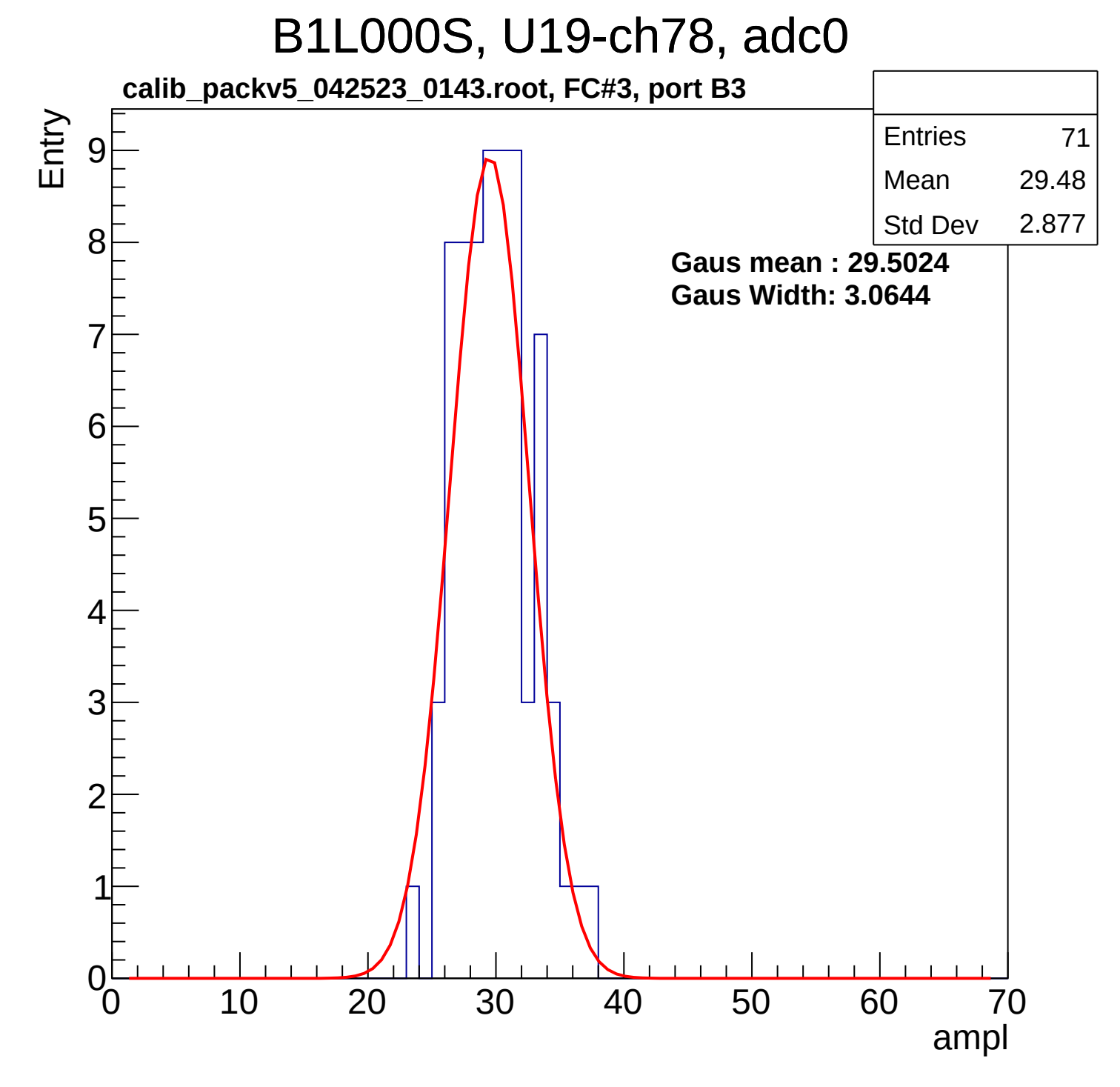
B1L000S, U19-ch78, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 29.48
Std Dev 2.877
Gaus mean : 29.5024
Gaus Width: 3.0644
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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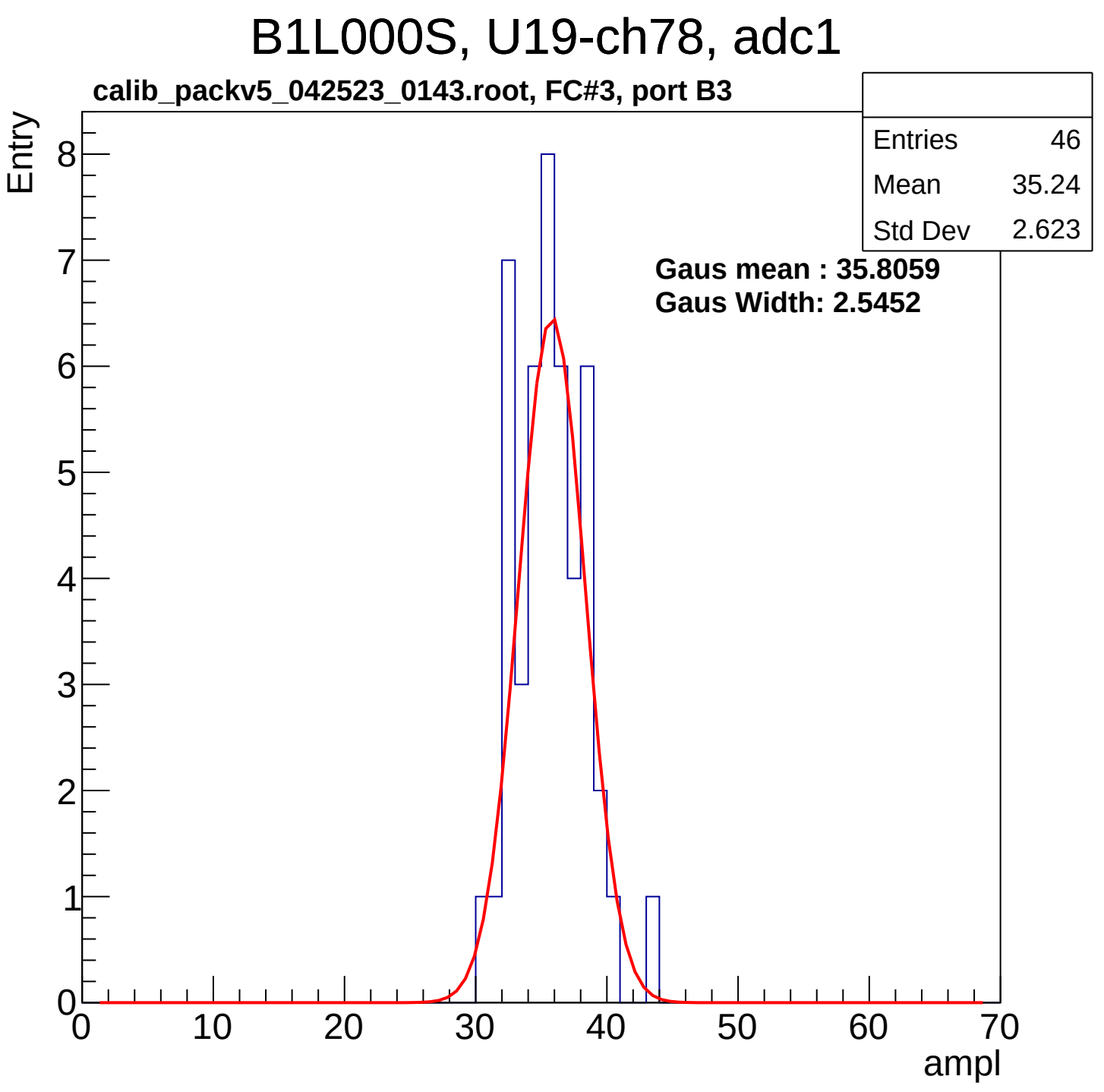
B1L000S, U19-ch78, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 35.24
Std Dev 2.623
Gaus mean : 35.8059
Gaus Width: 2.5452
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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40
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60
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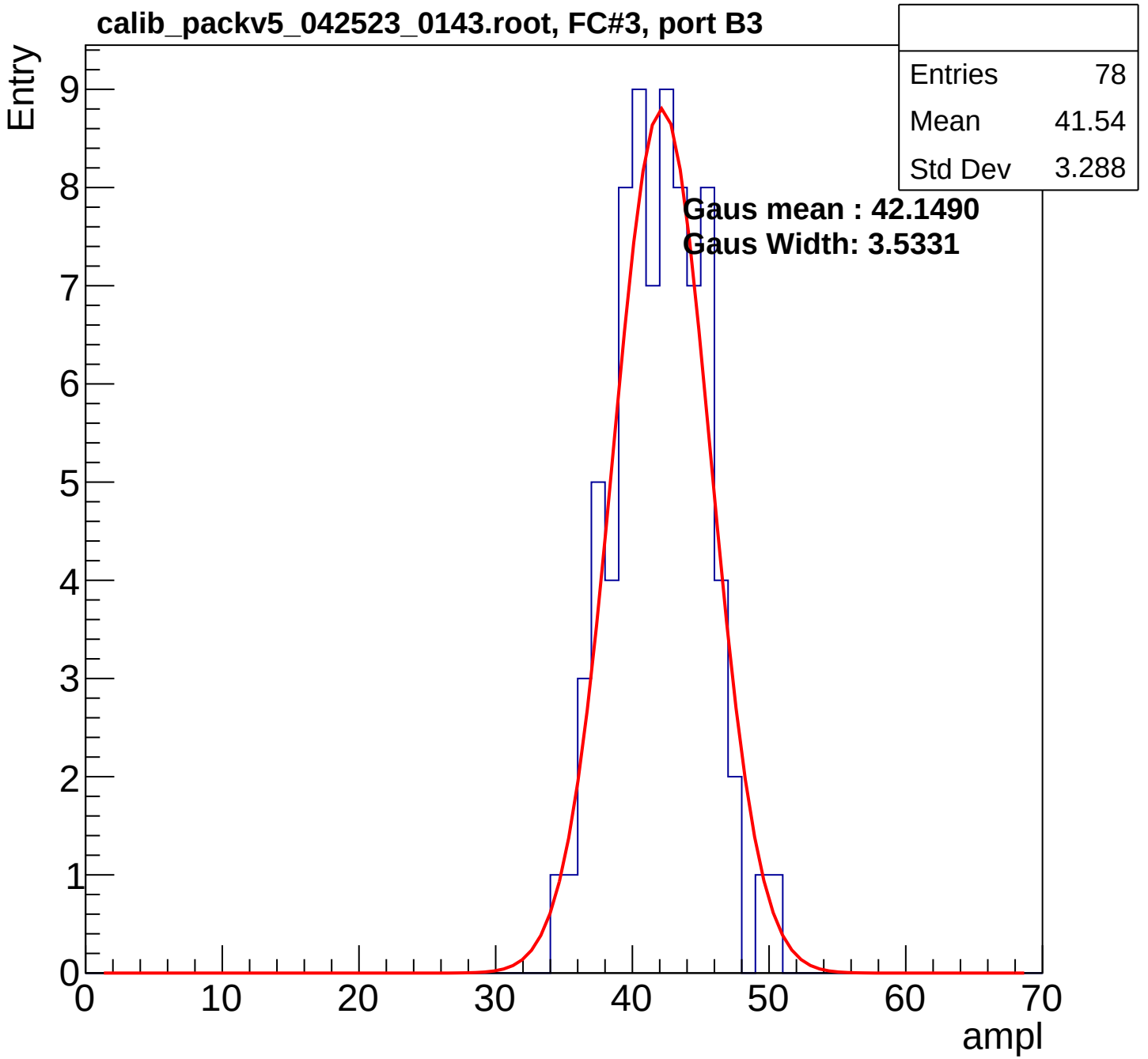
B1L000S, U19-ch78, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 41.54
Std Dev 3.288
Gaus mean : 42.1490
Gaus Width: 3.5331
Entry
ampl
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2
3
4
5
6
7
8
9
0
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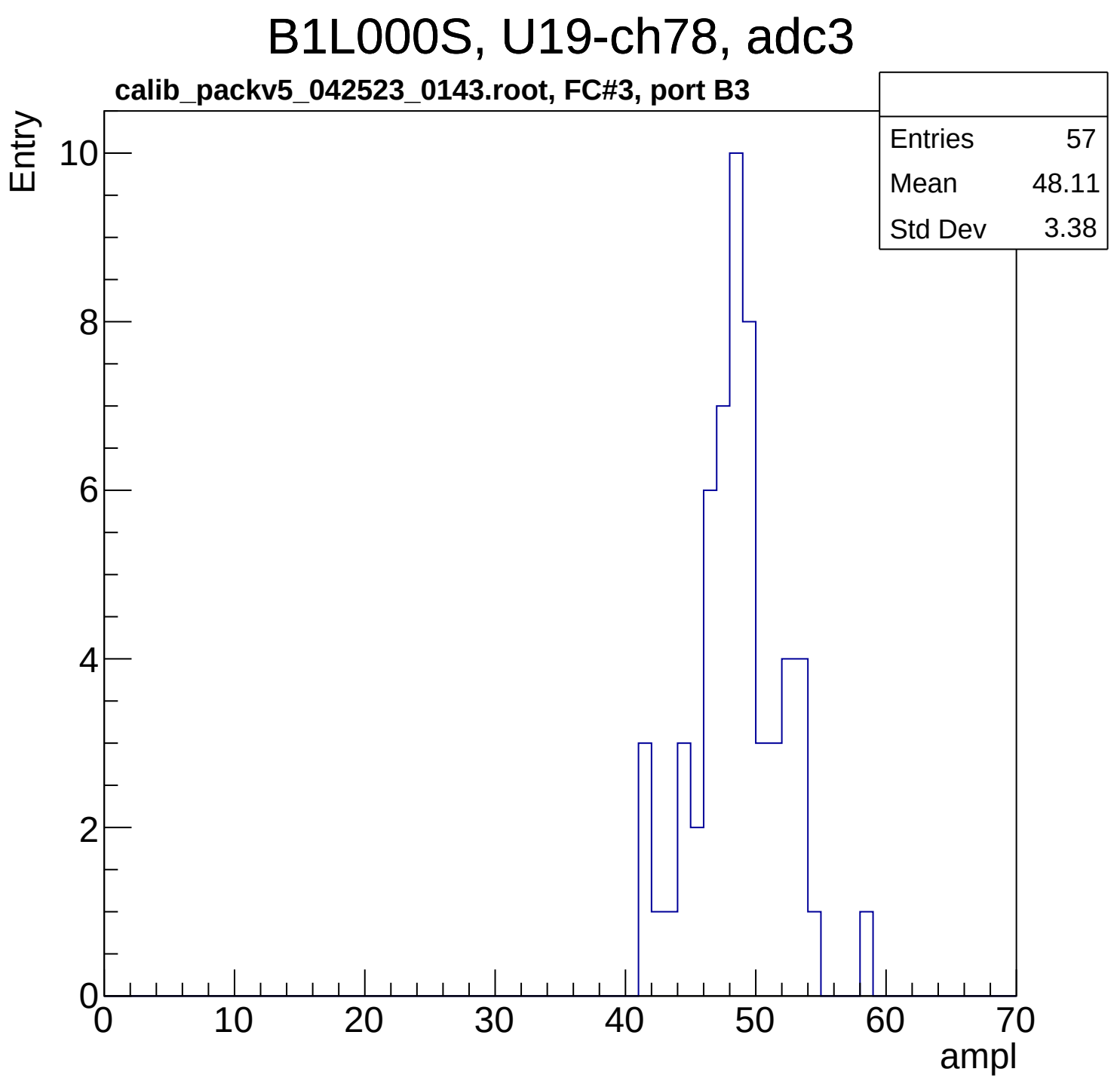
B1L000S, U19-ch78, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 48.11
Std Dev 3.38
Entry
ampl
0
2
4
6
8
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0
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40
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60
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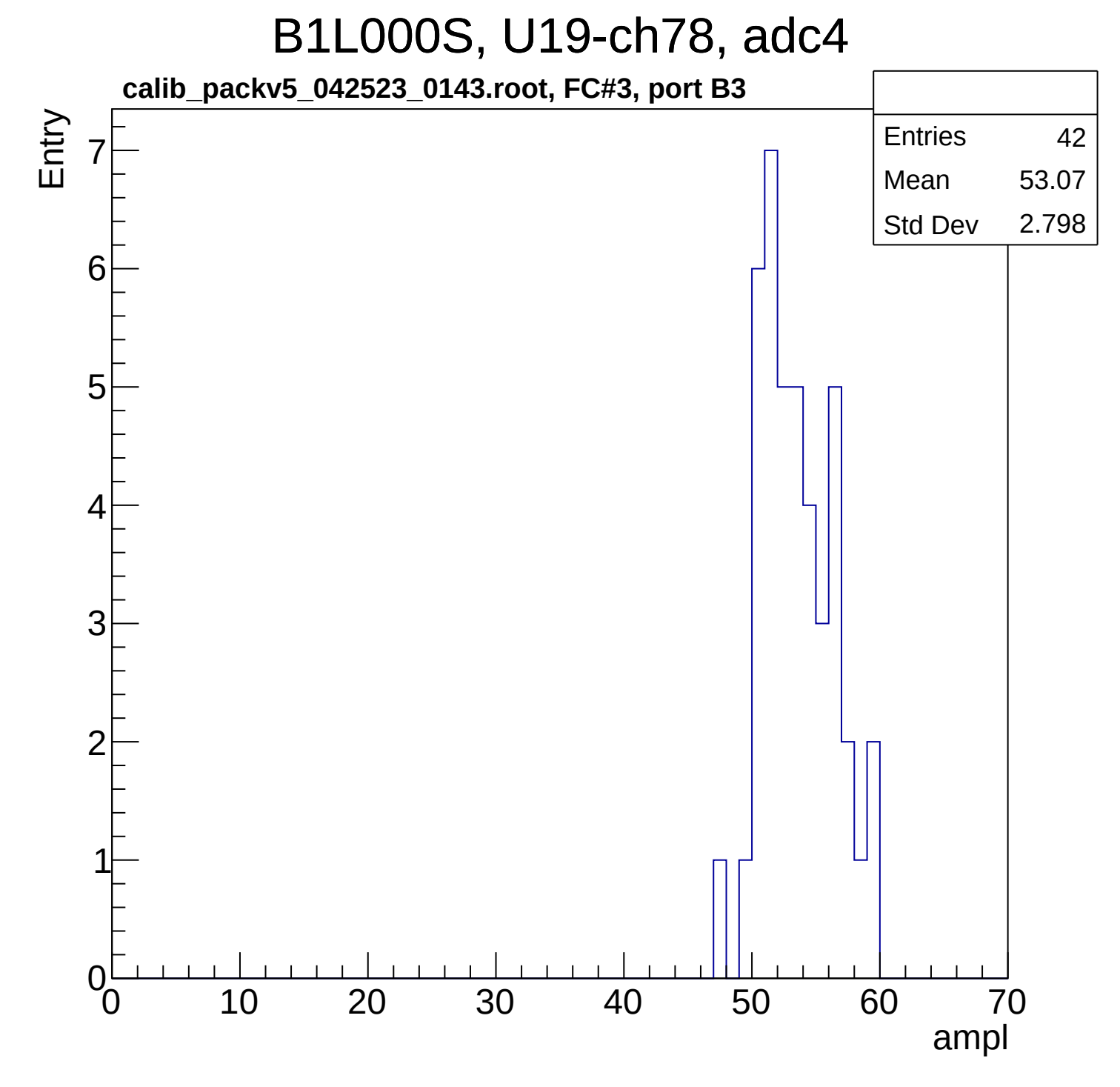
B1L000S, U19-ch78, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 53.07
Std Dev 2.798
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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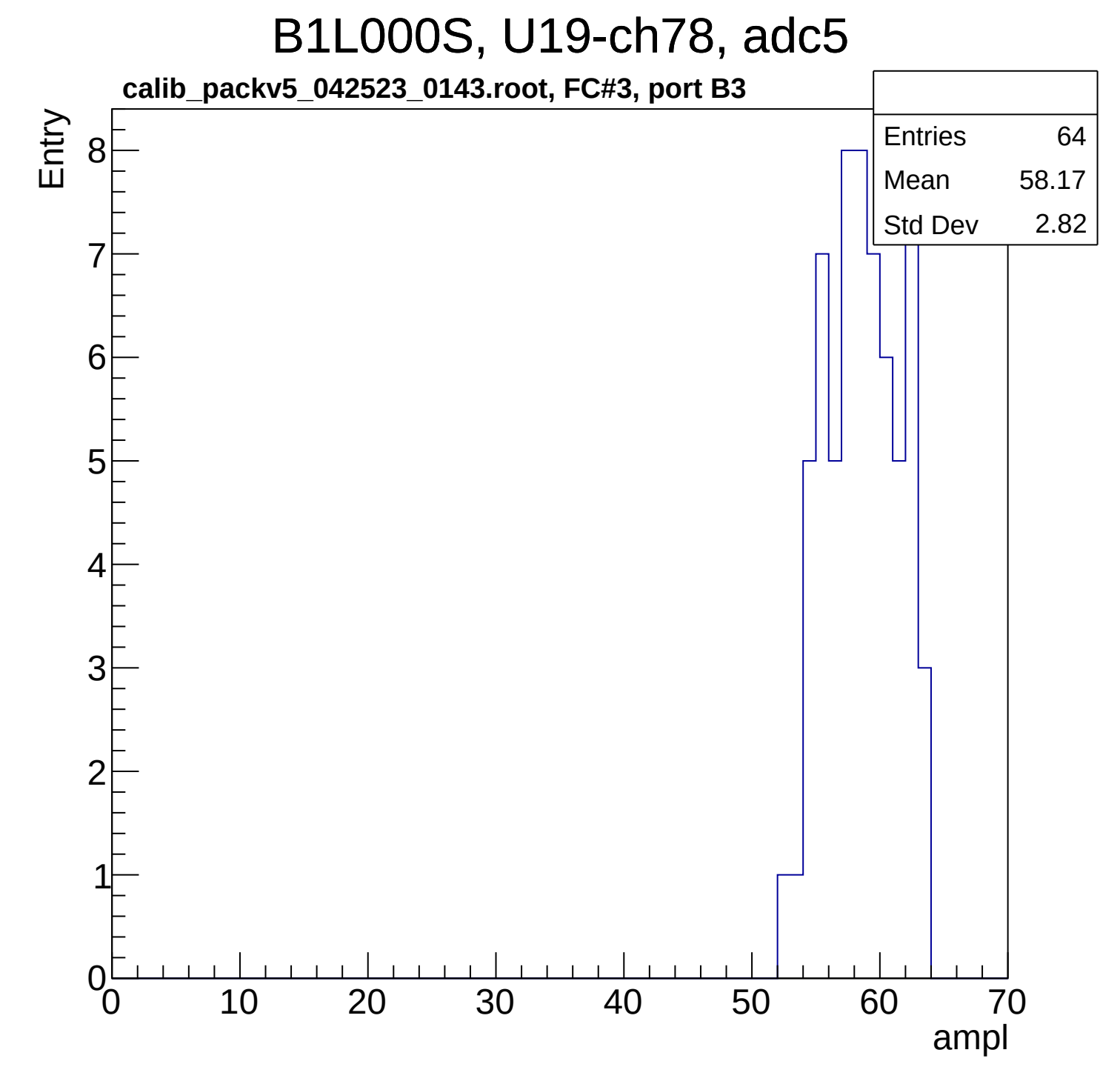
B1L000S, U19-ch78, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 58.17
Std Dev 2.82
Entry
ampl
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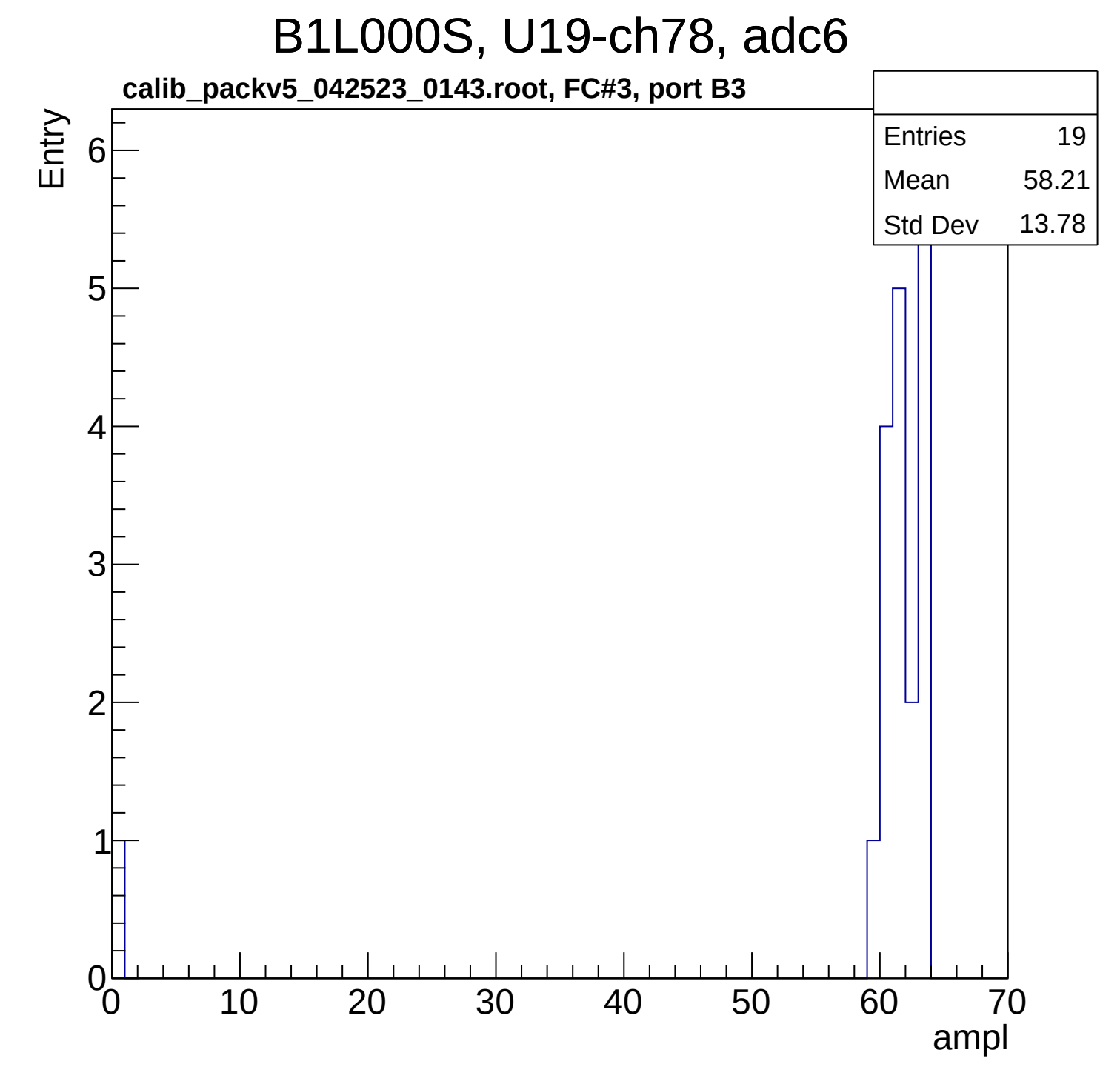
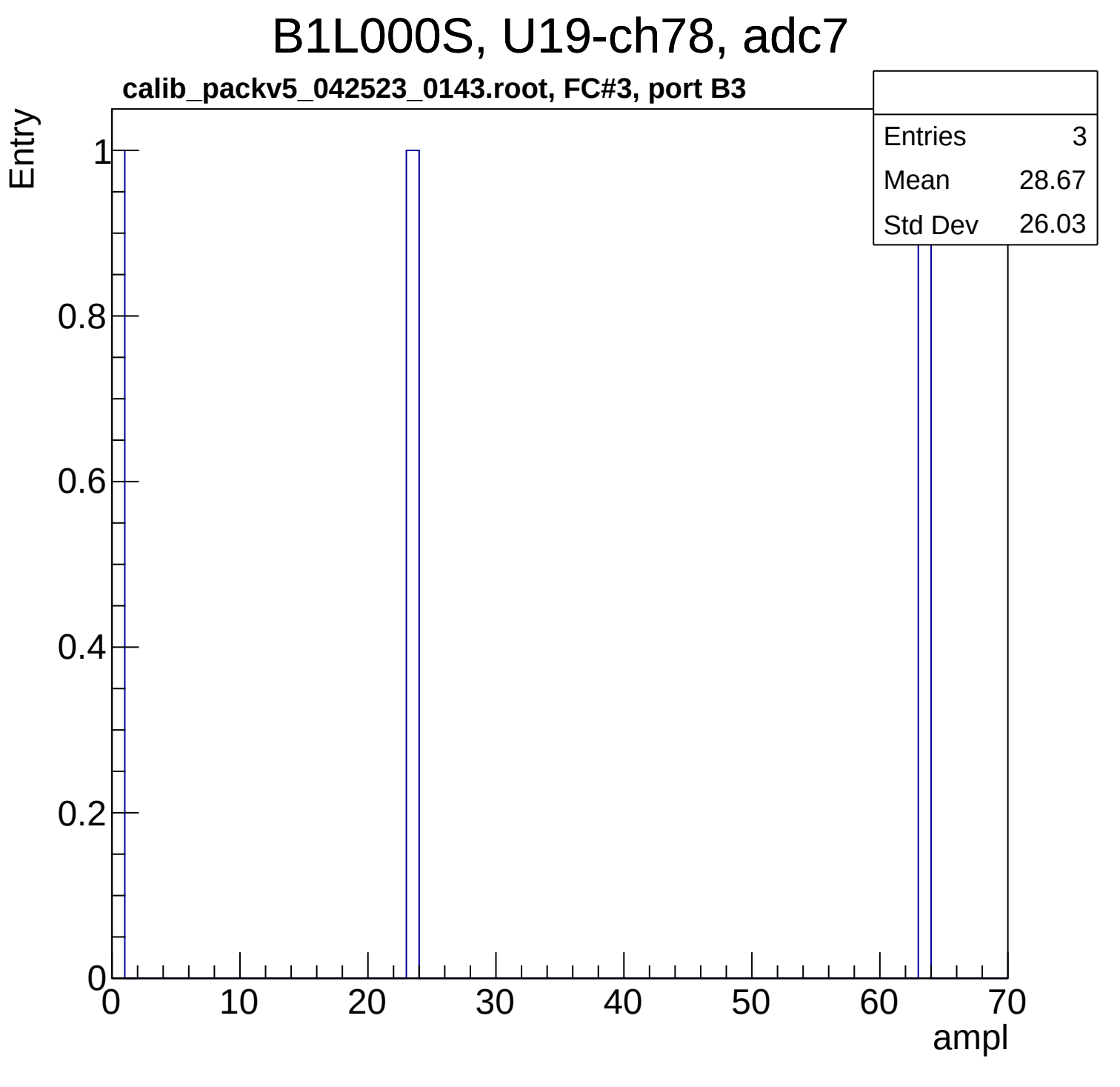
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch78, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 19
Mean 58.21
Std Dev 13.78
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch78, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 28.67
Std Dev 26.03
Entry
ampl
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0.2
0.4
0.6
0.8
1
0
10
20
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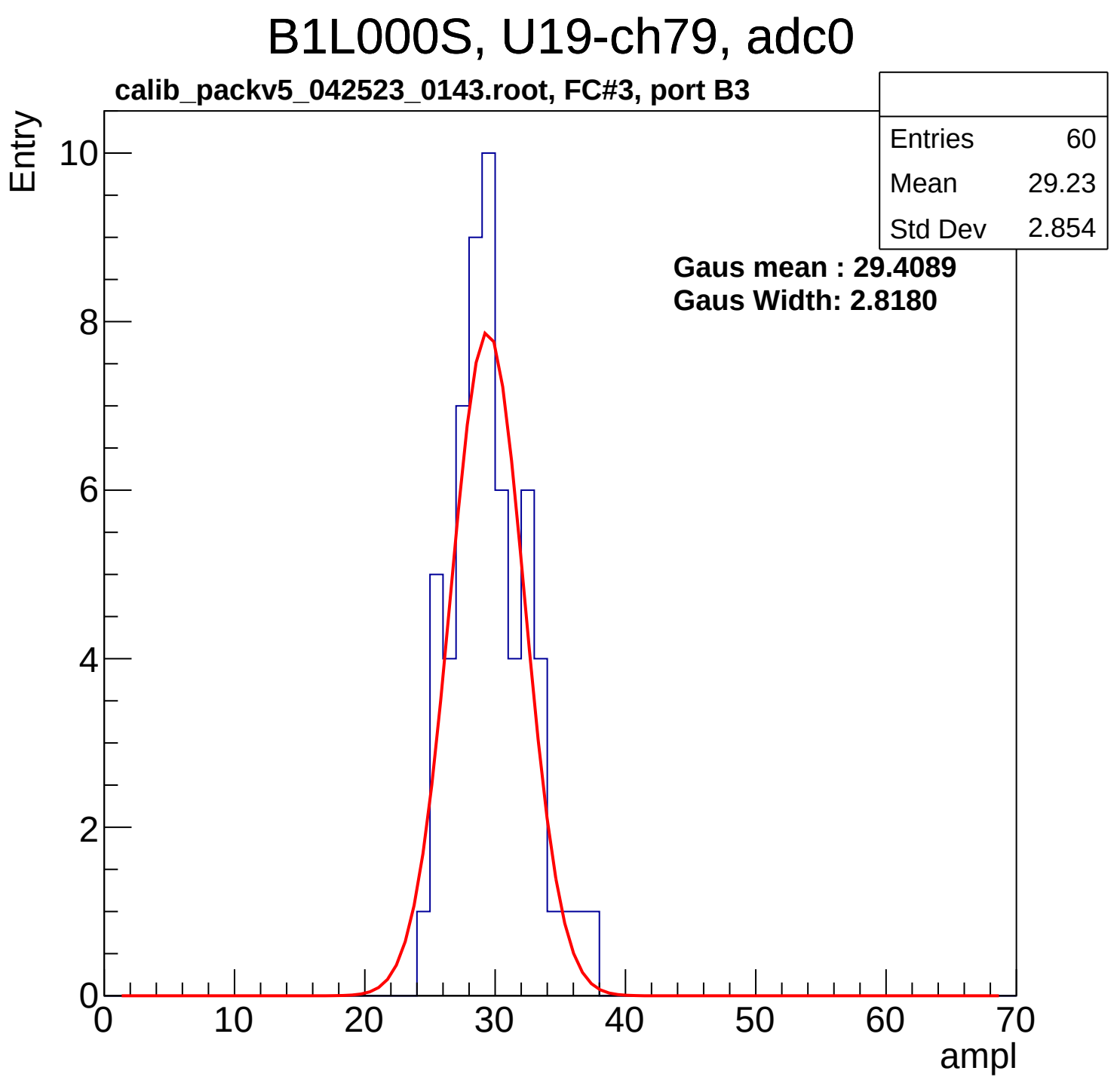
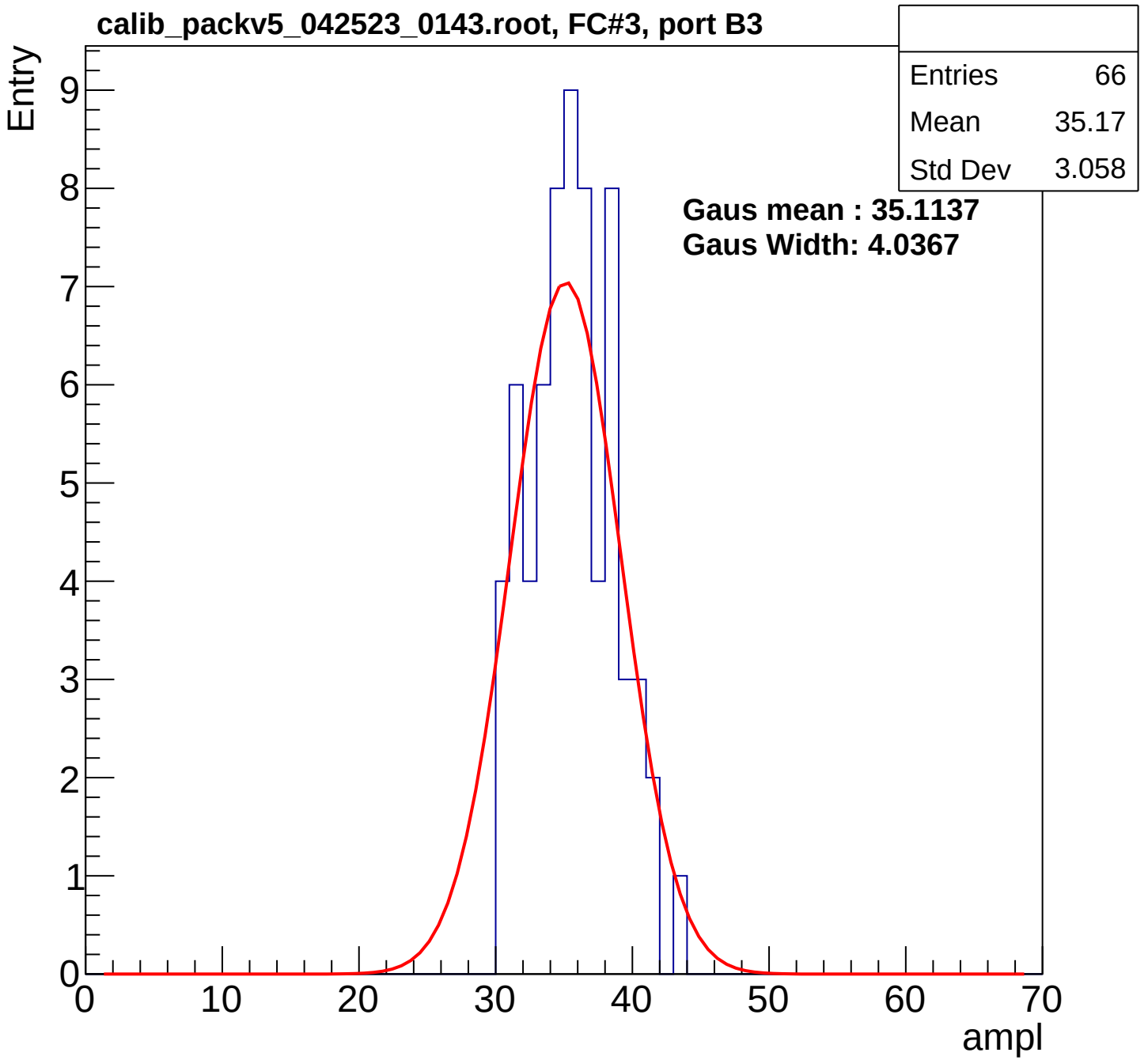
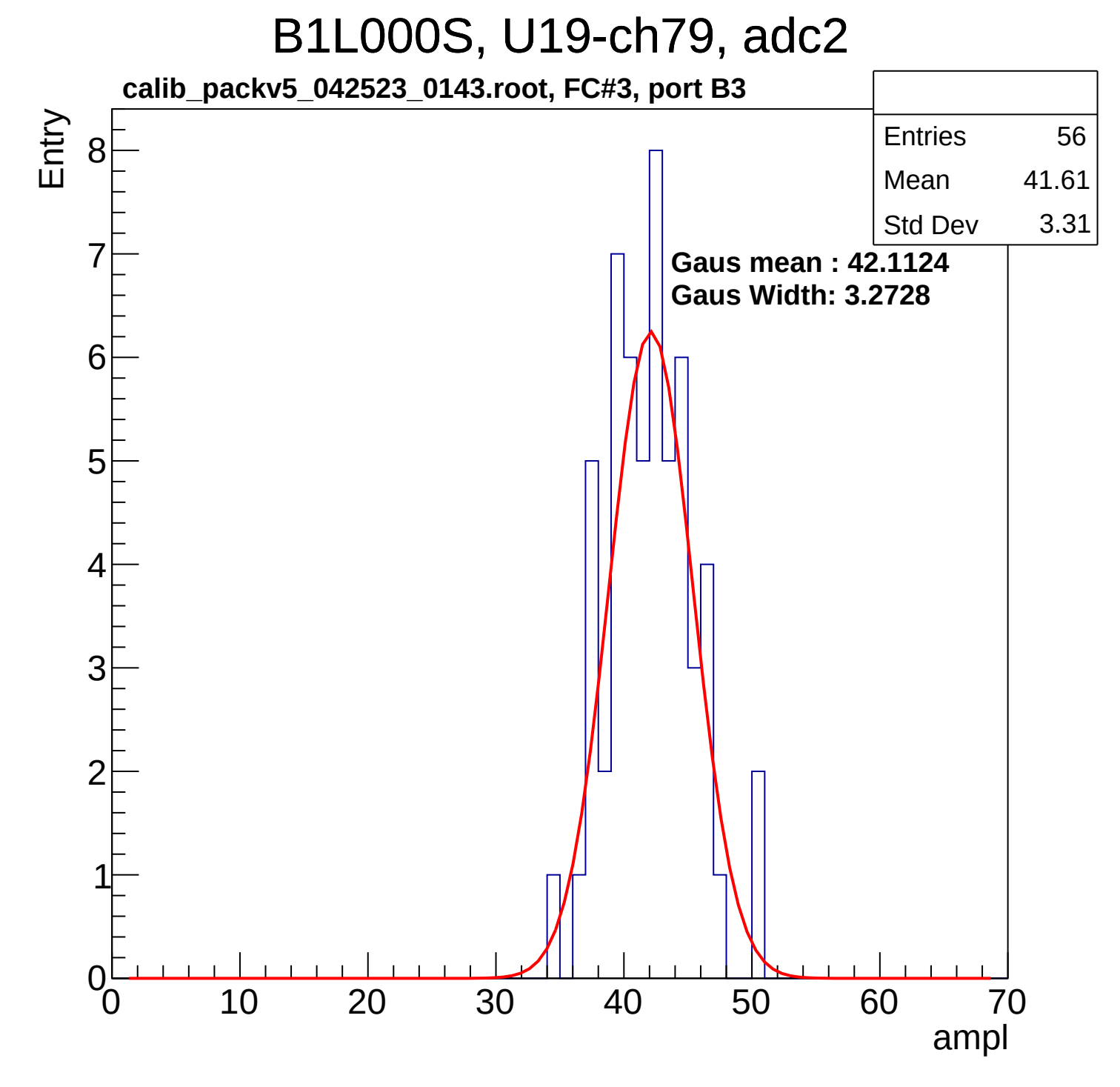
40
50
60
70


B1L000S, U19-ch79, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 29.23
Std Dev 2.854
Gaus mean : 29.4089
Gaus Width: 2.8180
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch79, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 35.17
Std Dev 3.058
Gaus mean : 35.1137
Gaus Width: 4.0367
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch79, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 41.61
Std Dev 3.31
Gaus mean : 42.1124
Gaus Width: 3.2728
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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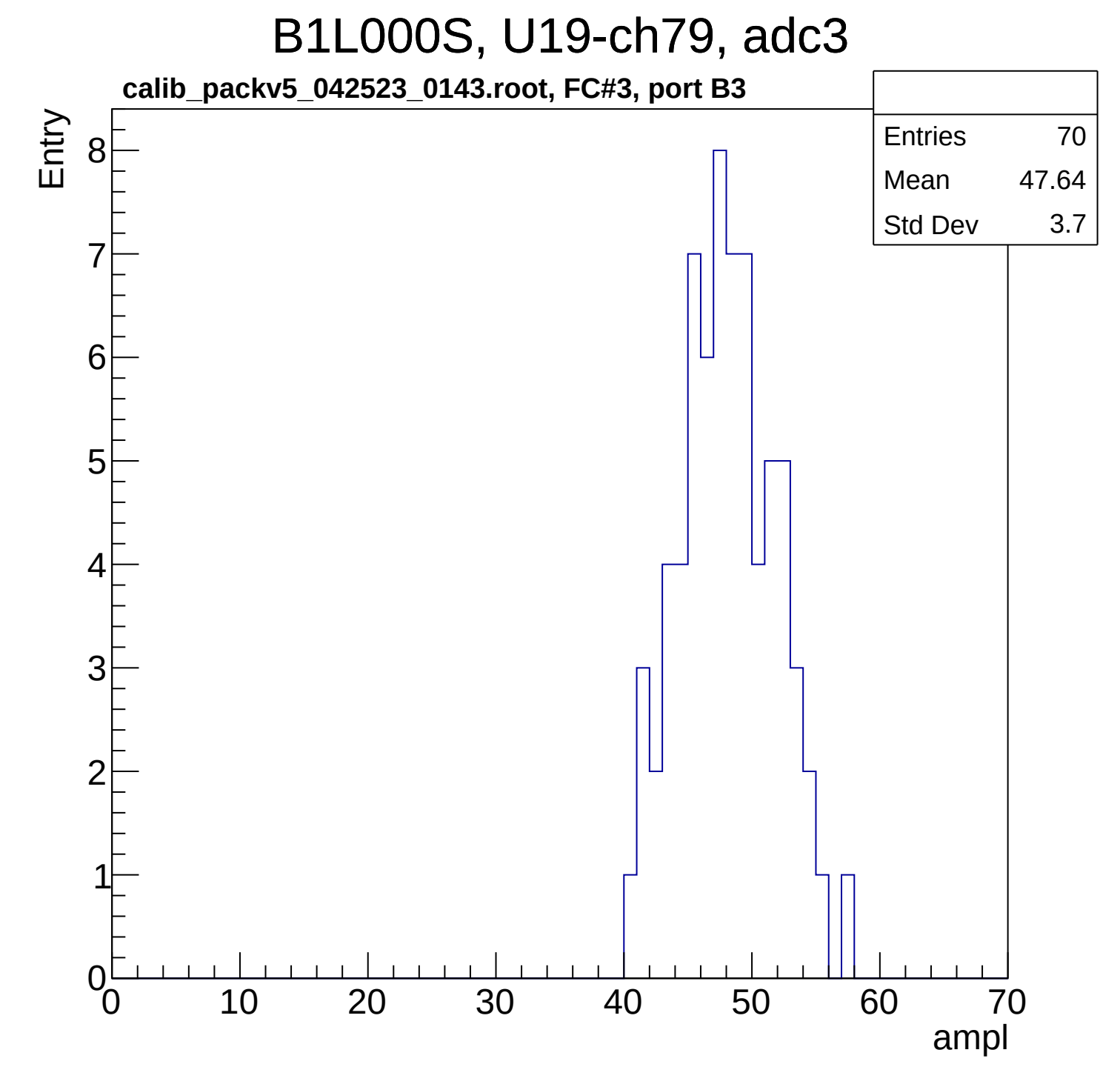
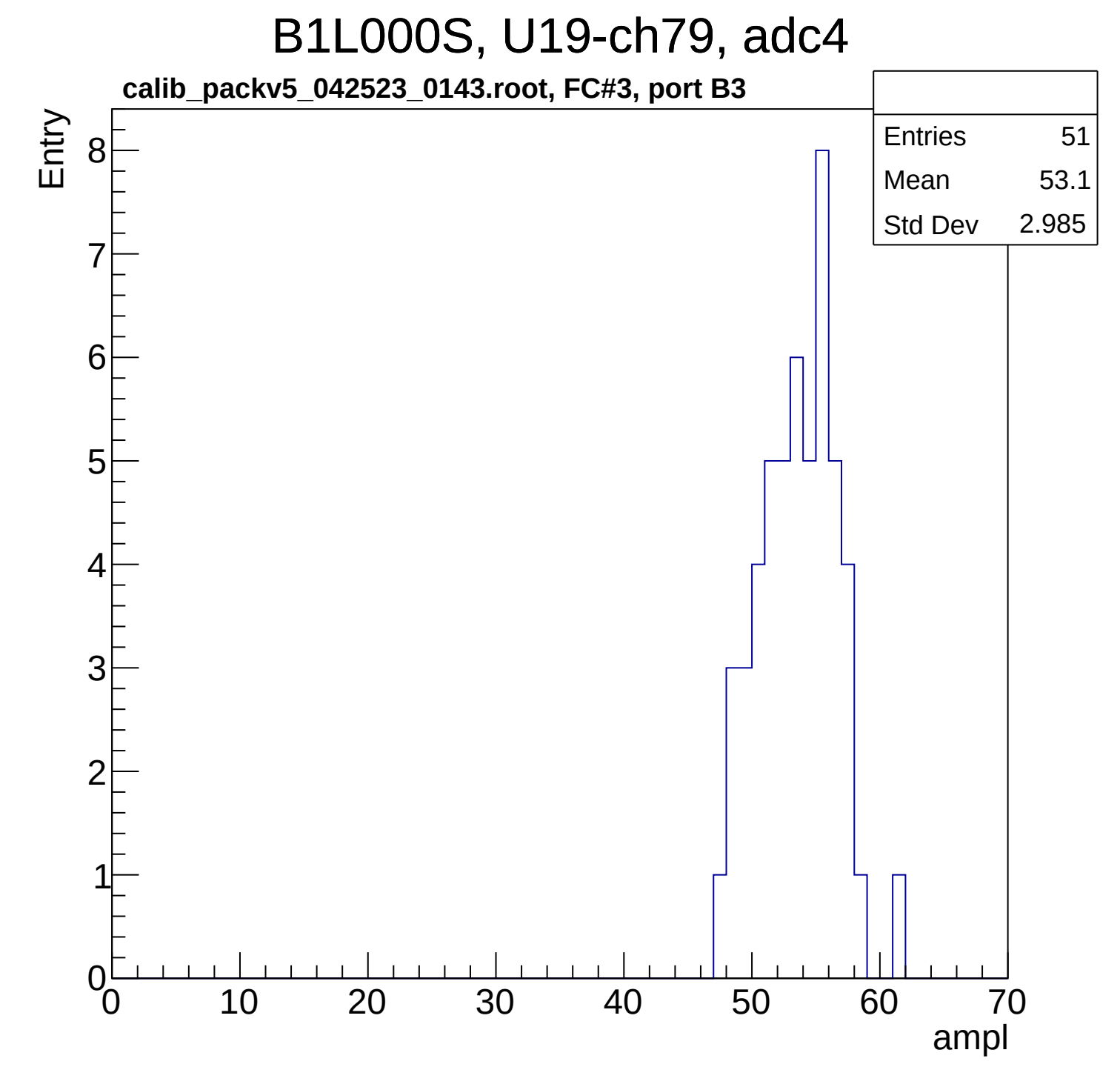

B1L000S, U19-ch79, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 47.64
Std Dev 3.7
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch79, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 53.1
Std Dev 2.985
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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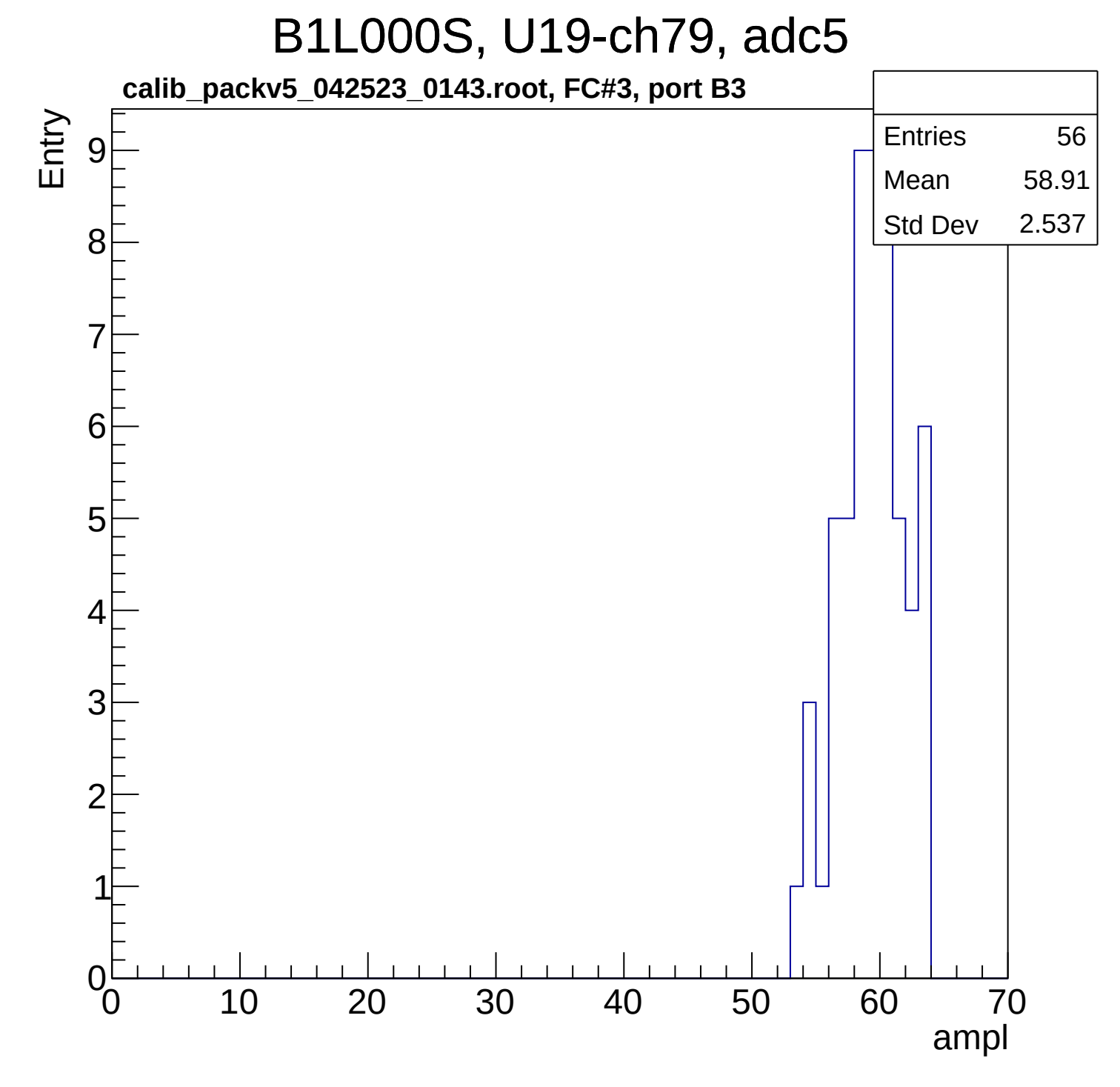
40
50
60
70


B1L000S, U19-ch79, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 58.91
Std Dev 2.537
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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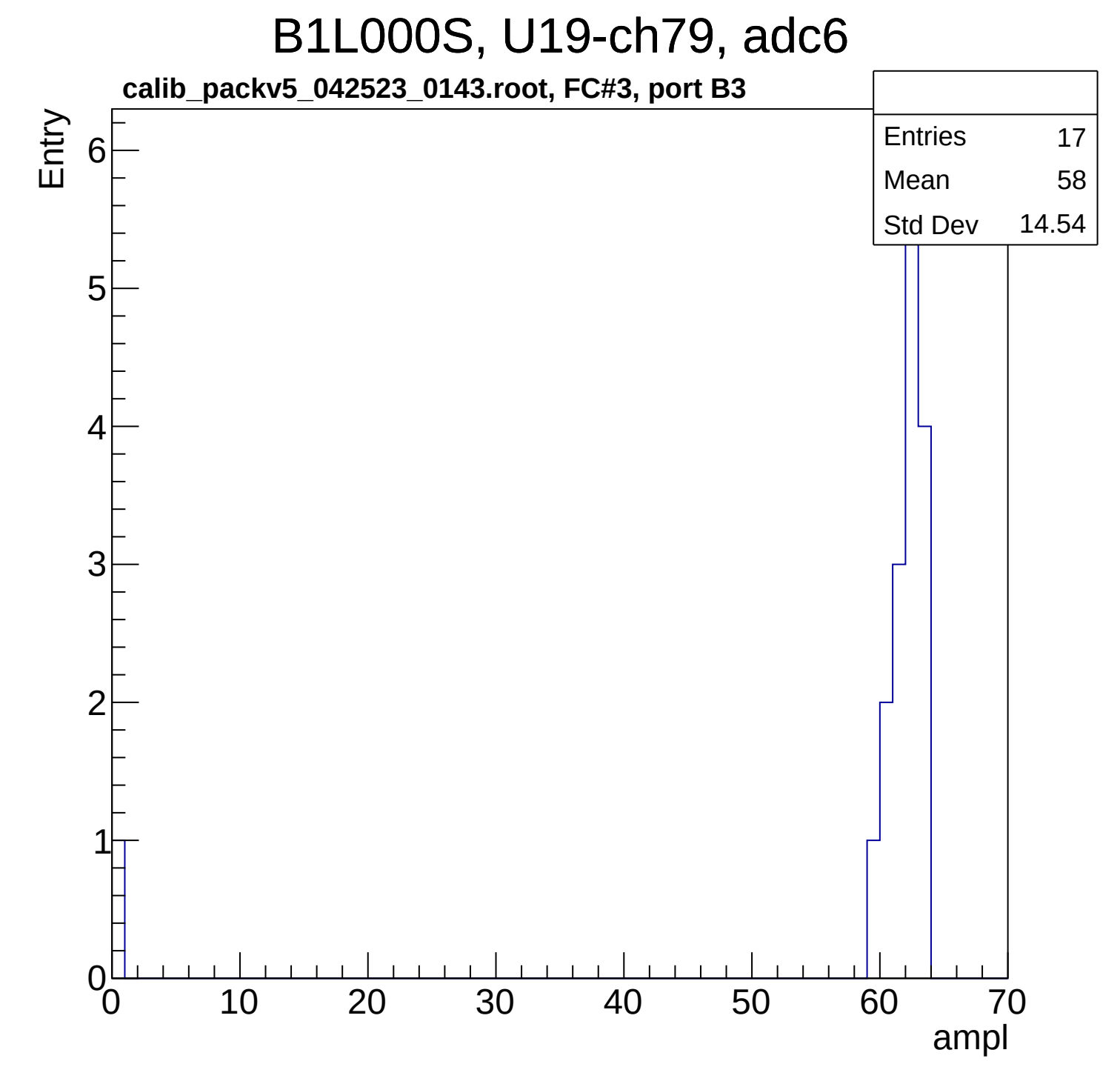
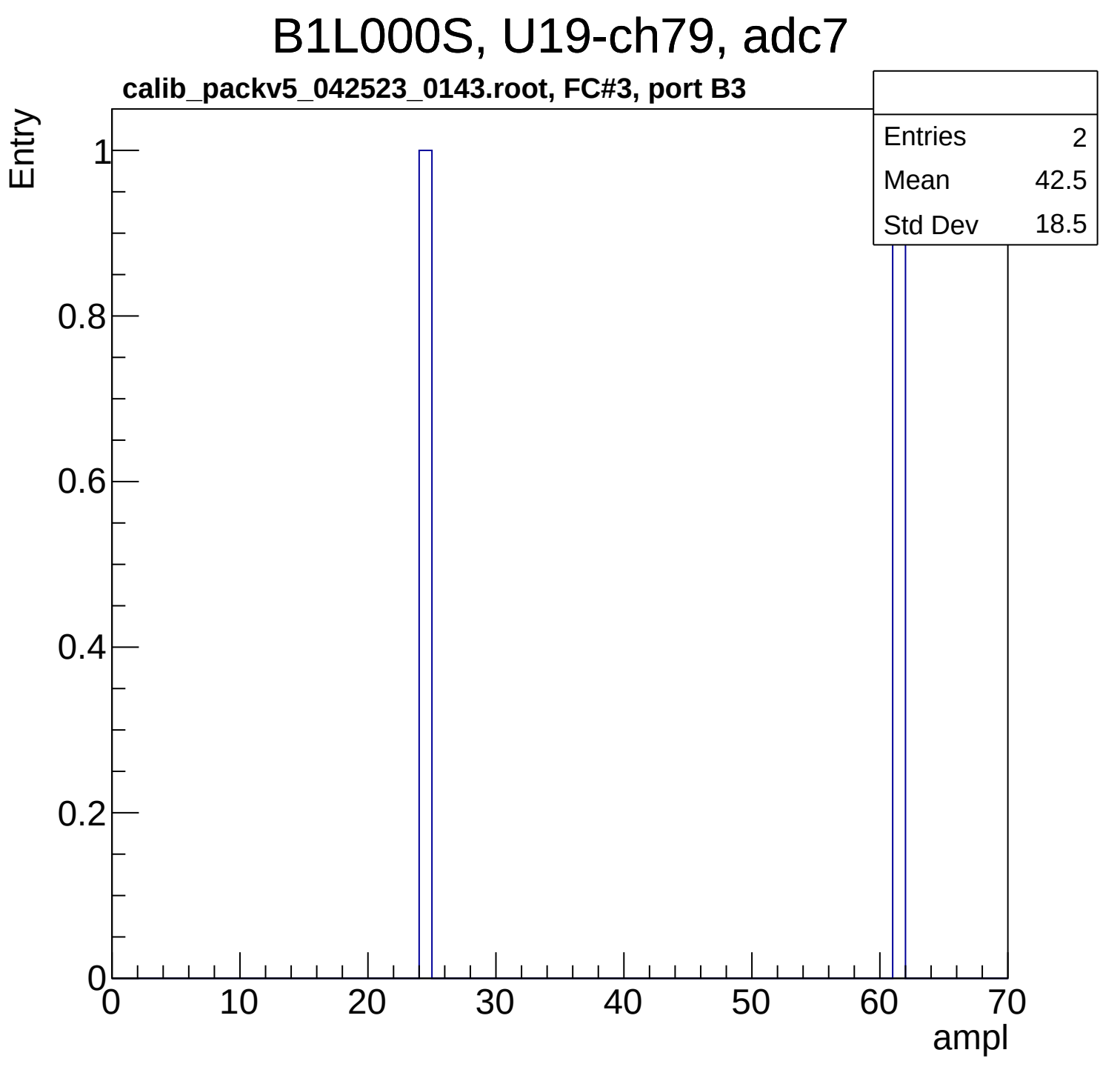
60
70


B1L000S, U19-ch79, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 58
Std Dev 14.54
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch79, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 42.5
Std Dev 18.5
Entry
ampl
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0.2
0.4
0.6
0.8
1
0
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20
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60
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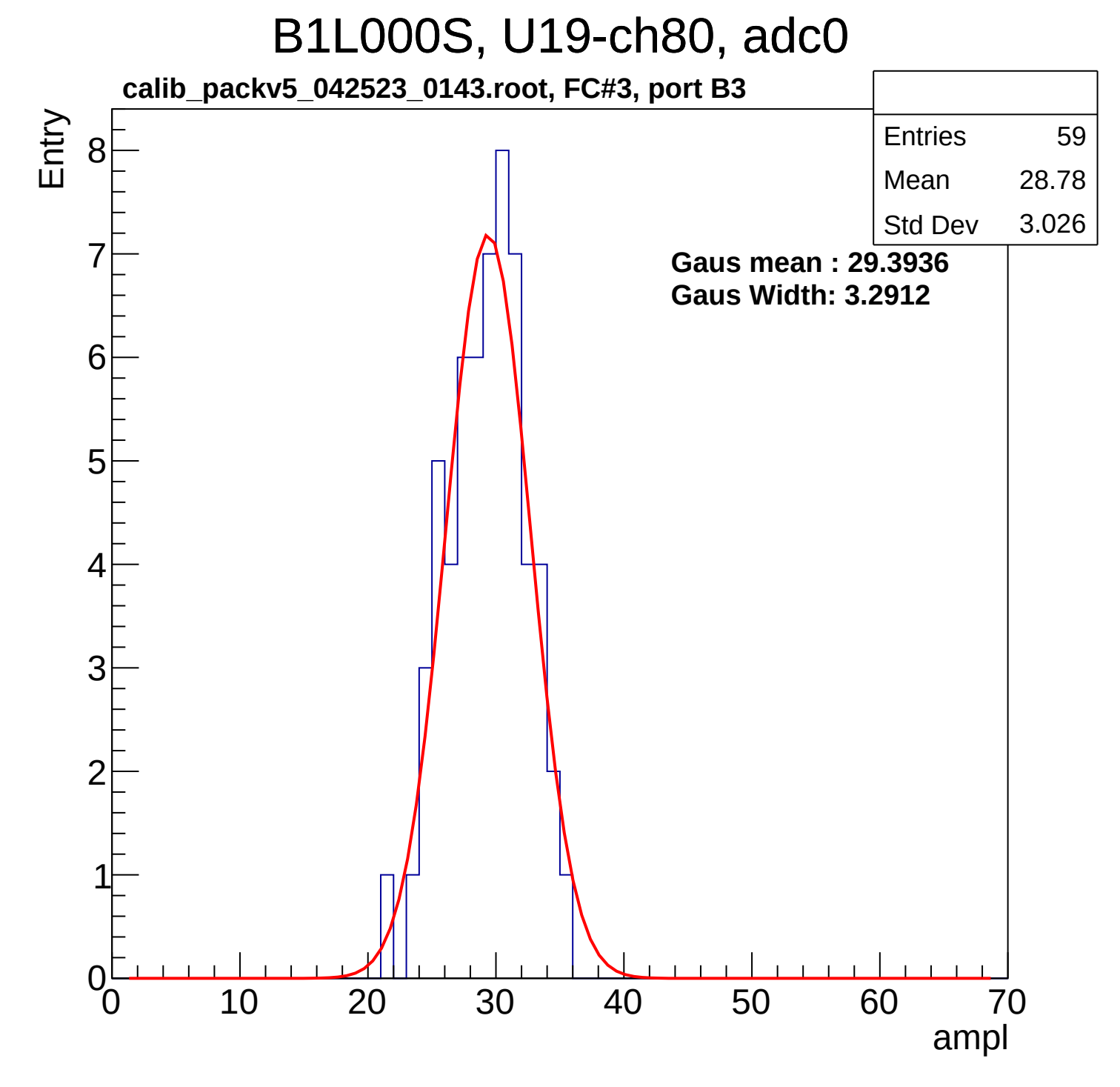
B1L000S, U19-ch80, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 28.78
Std Dev 3.026
Gaus mean : 29.3936
Gaus Width: 3.2912
Entry
ampl
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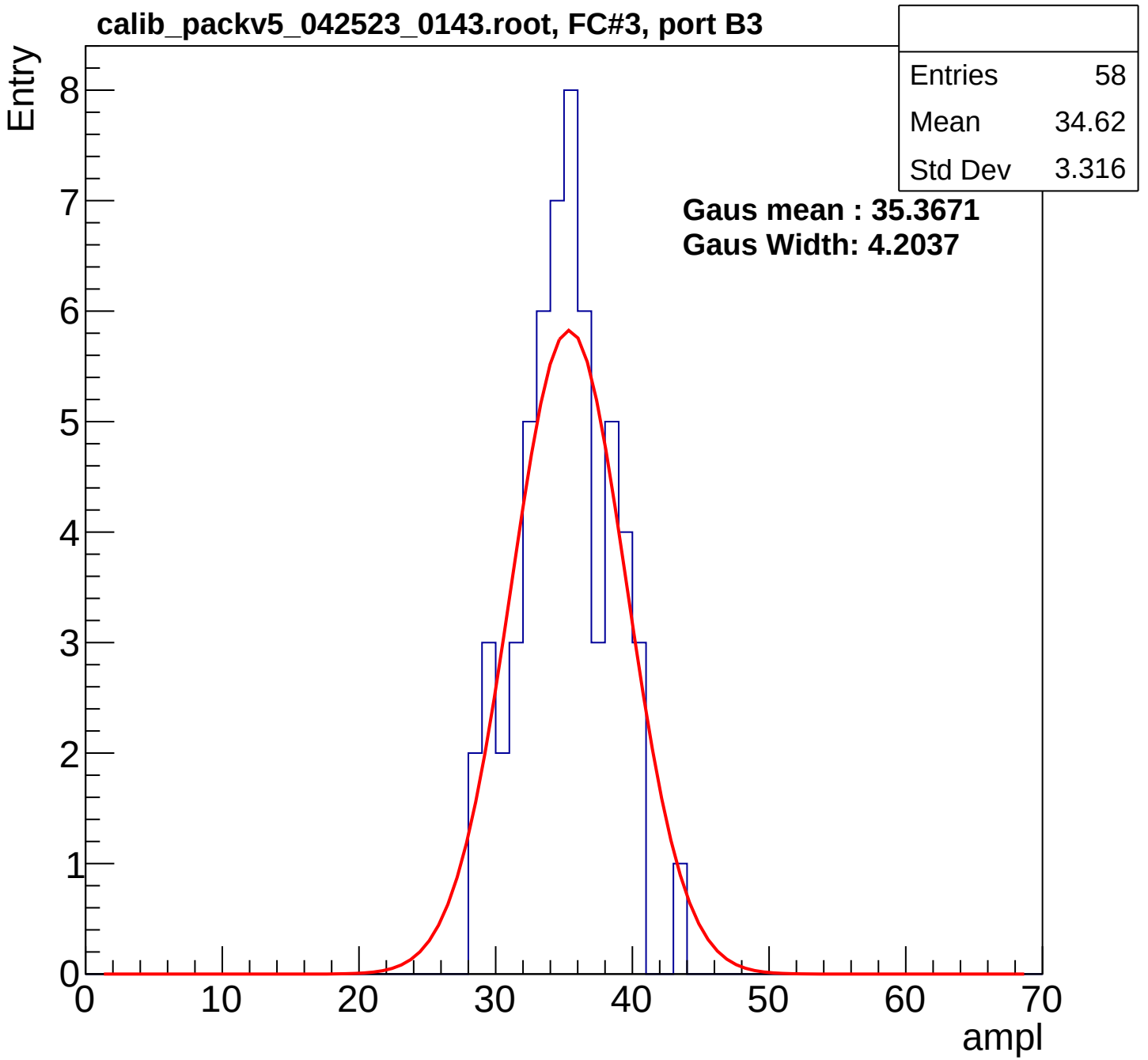
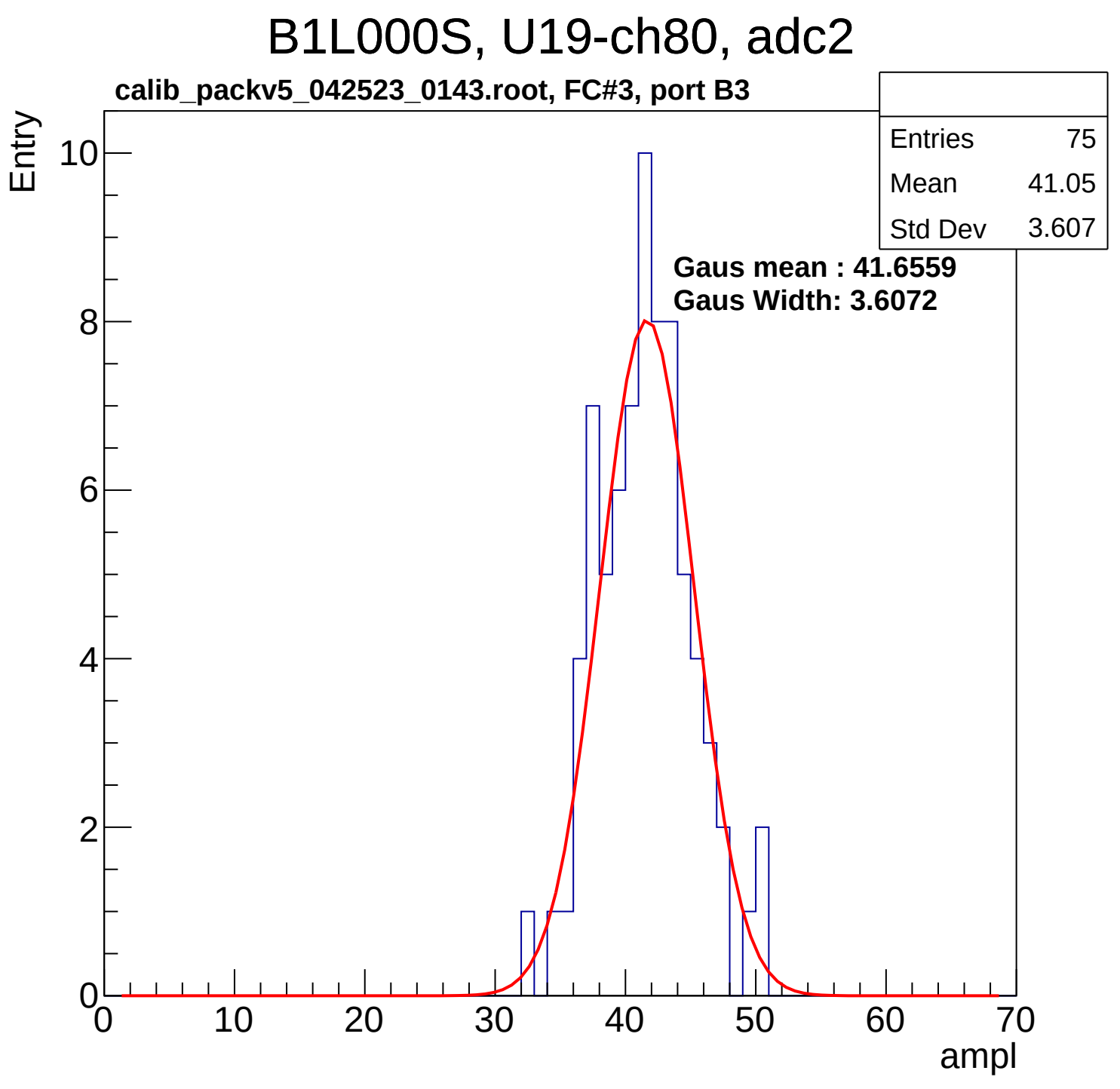
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch80, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 34.62
Std Dev 3.316
Gaus mean : 35.3671
Gaus Width: 4.2037
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch80, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 41.05
Std Dev 3.607
Gaus mean : 41.6559
Gaus Width: 3.6072
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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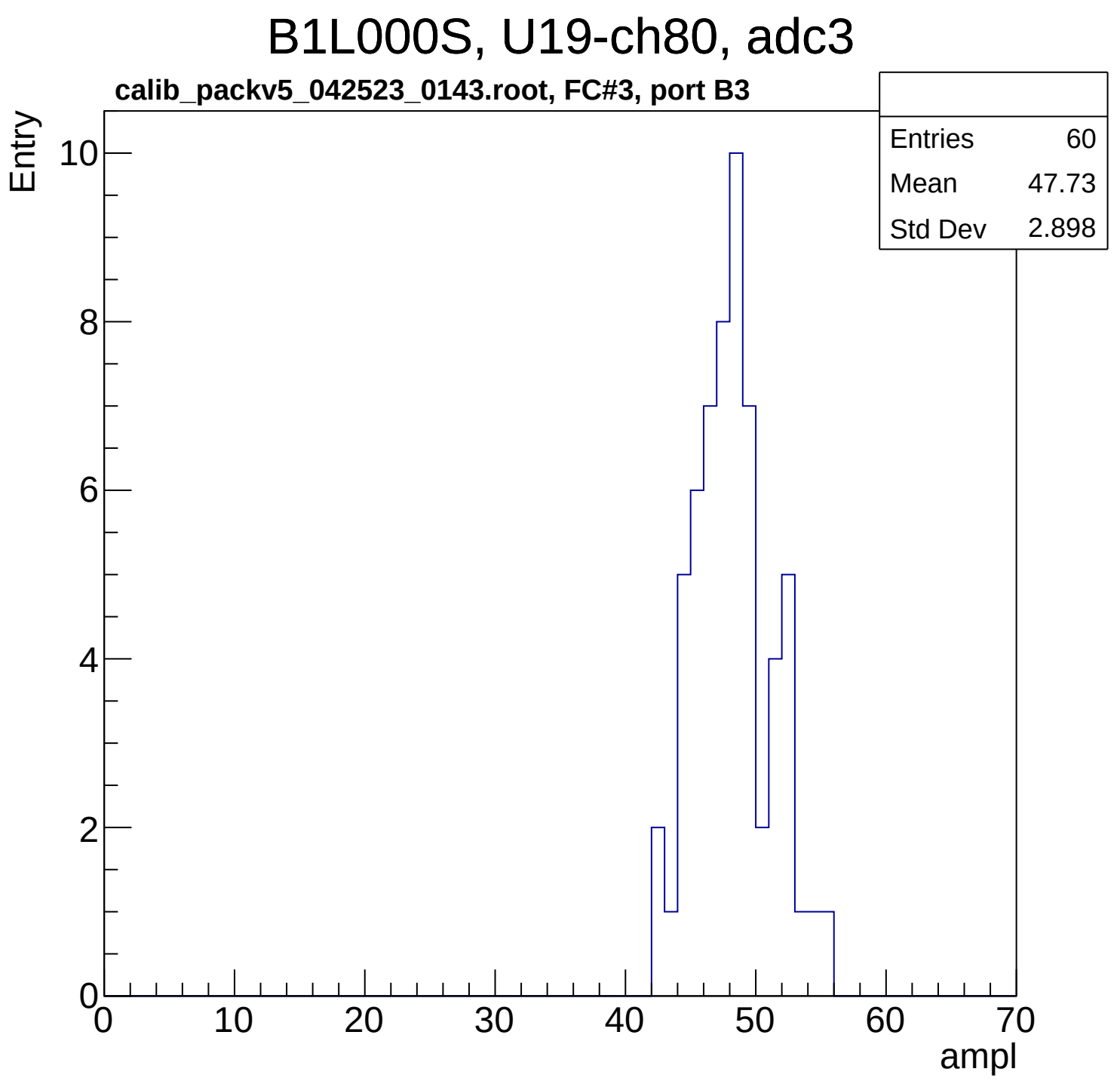
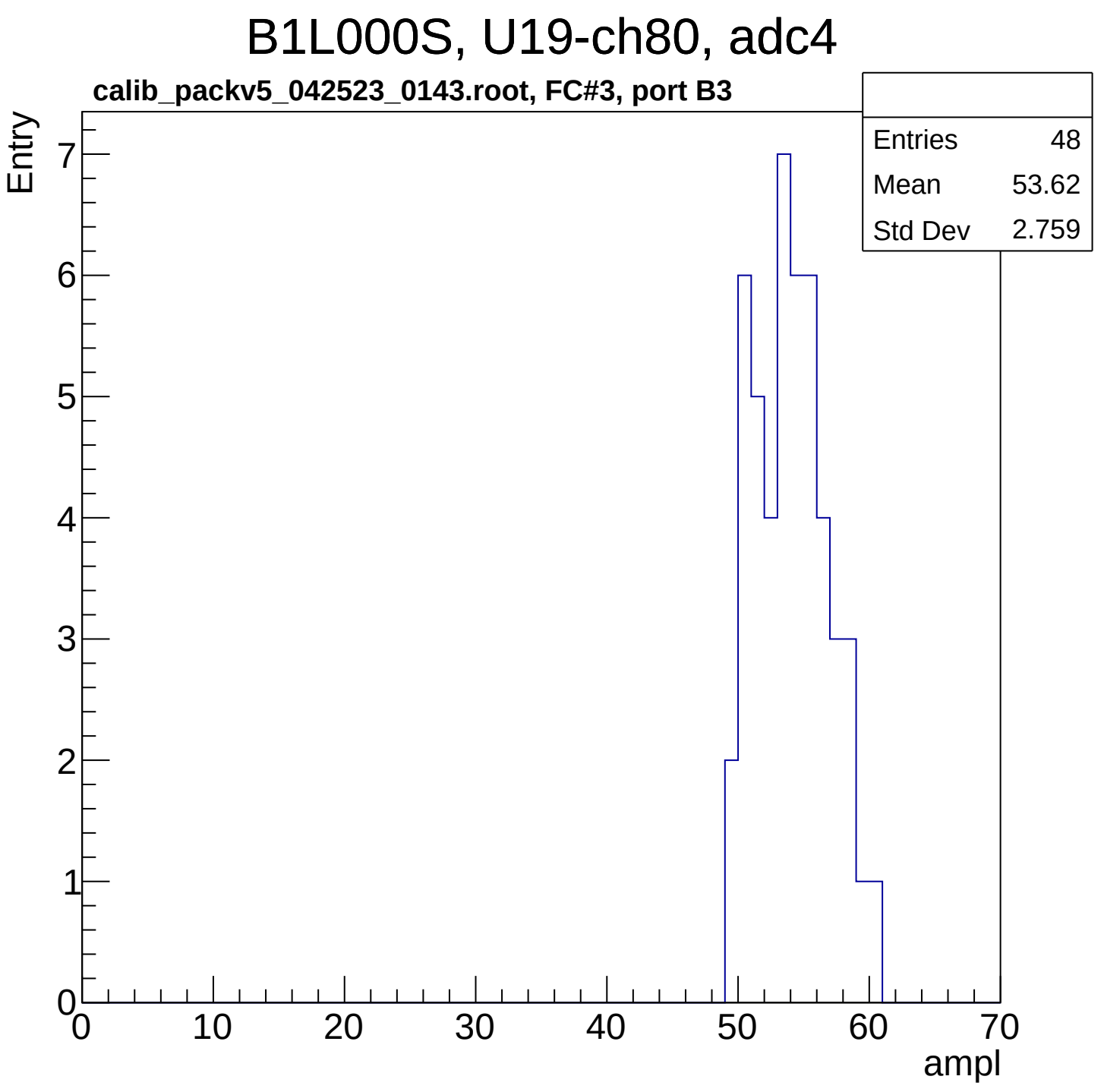

B1L000S, U19-ch80, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 47.73
Std Dev 2.898
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch80, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 53.62
Std Dev 2.759
Entry
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1
2
3
4
5
6
7
0
10
20
30
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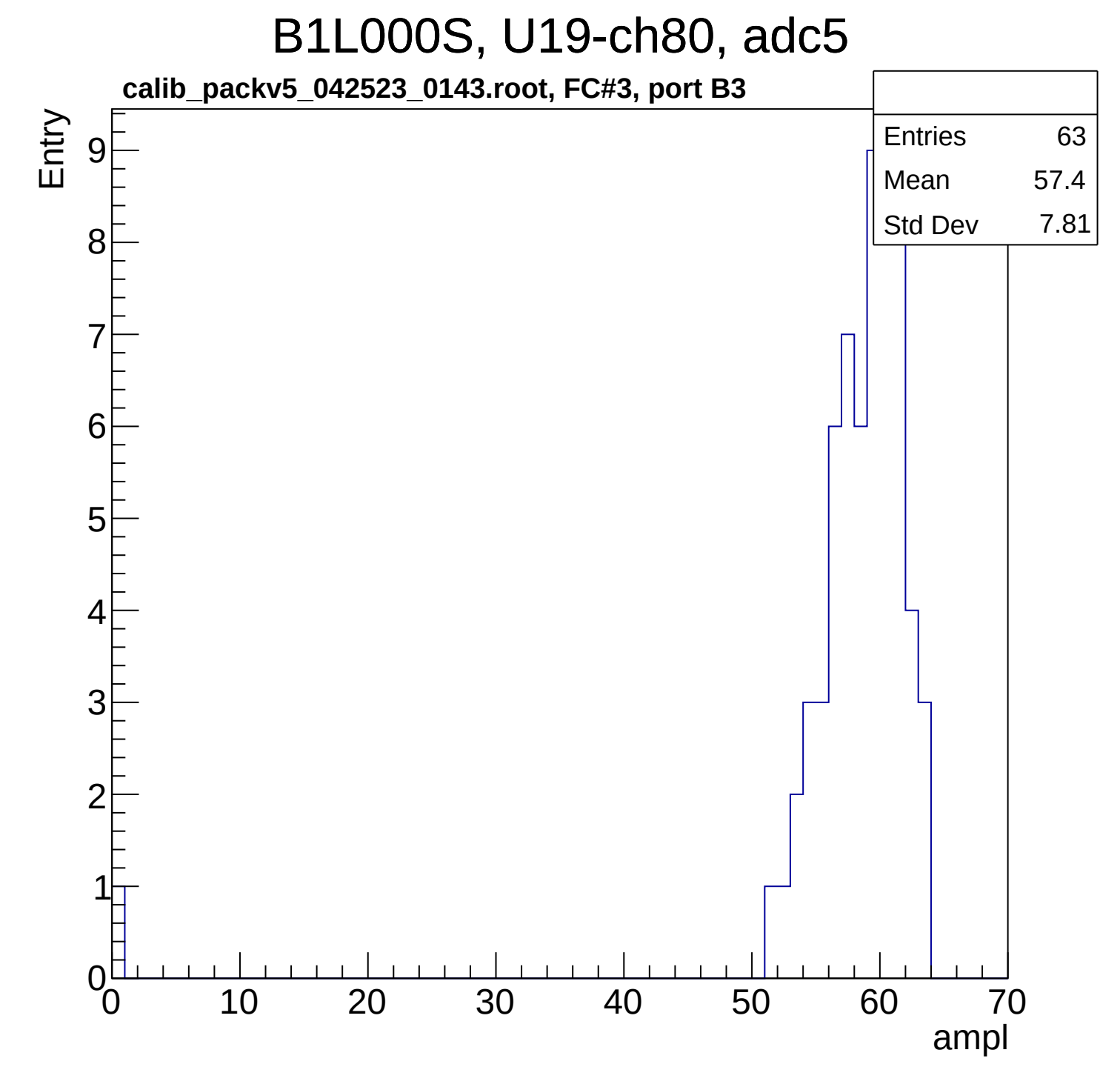
50
60
70
ampl


B1L000S, U19-ch80, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 57.4
Std Dev 7.81
Entry
ampl
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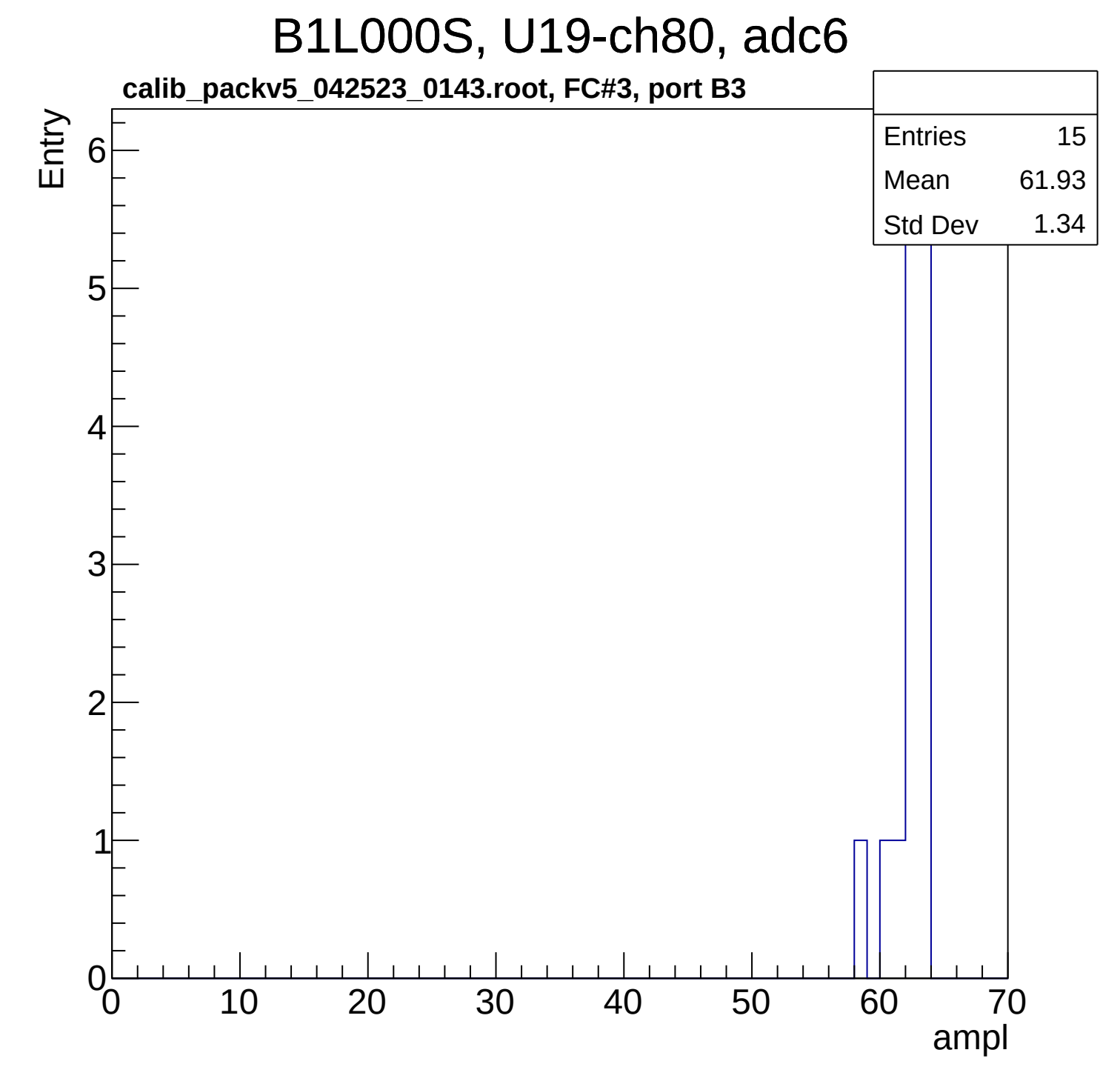
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch80, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 61.93
Std Dev 1.34
Entry
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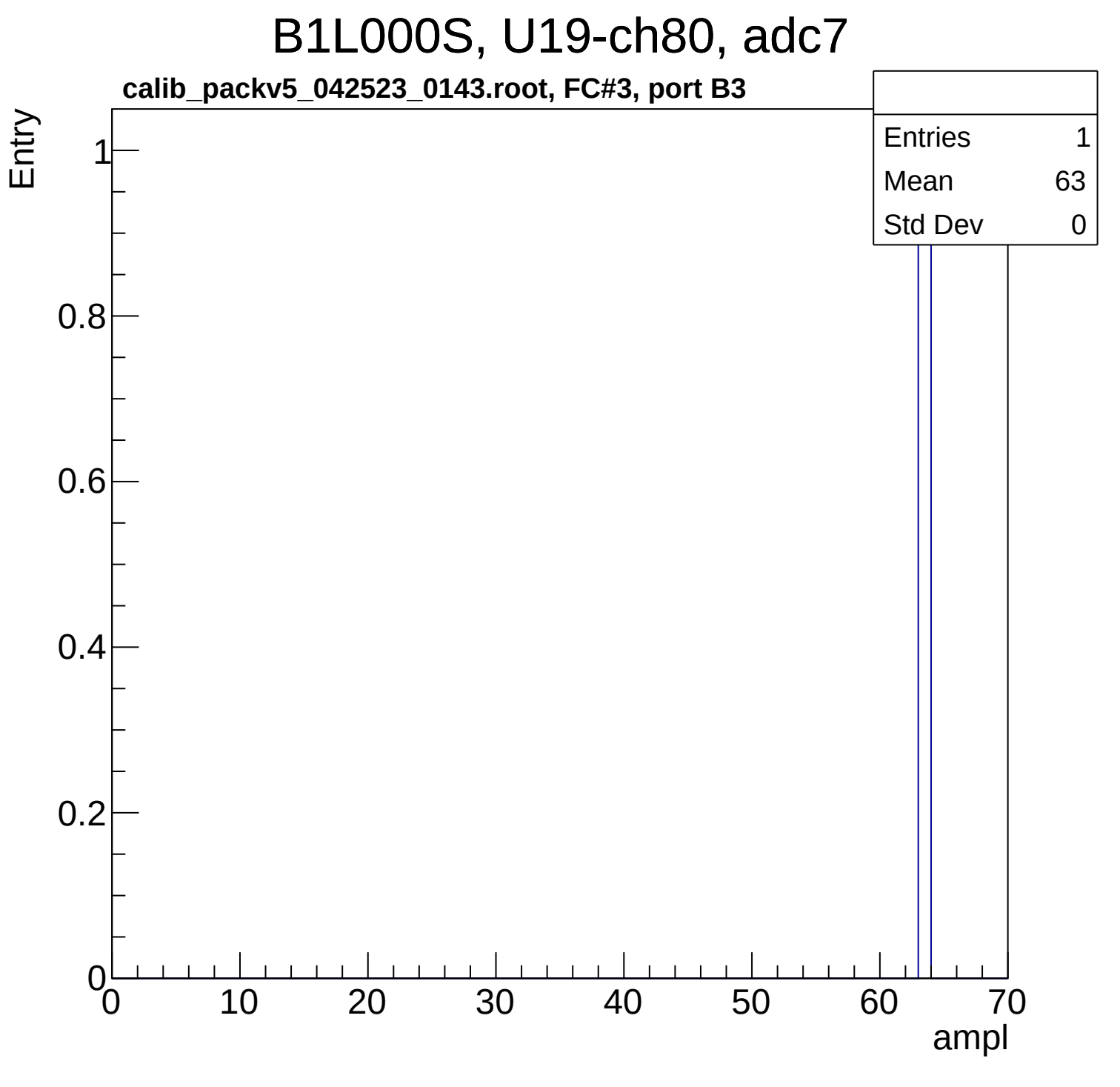
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch80, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 63
Std Dev 0
Entry
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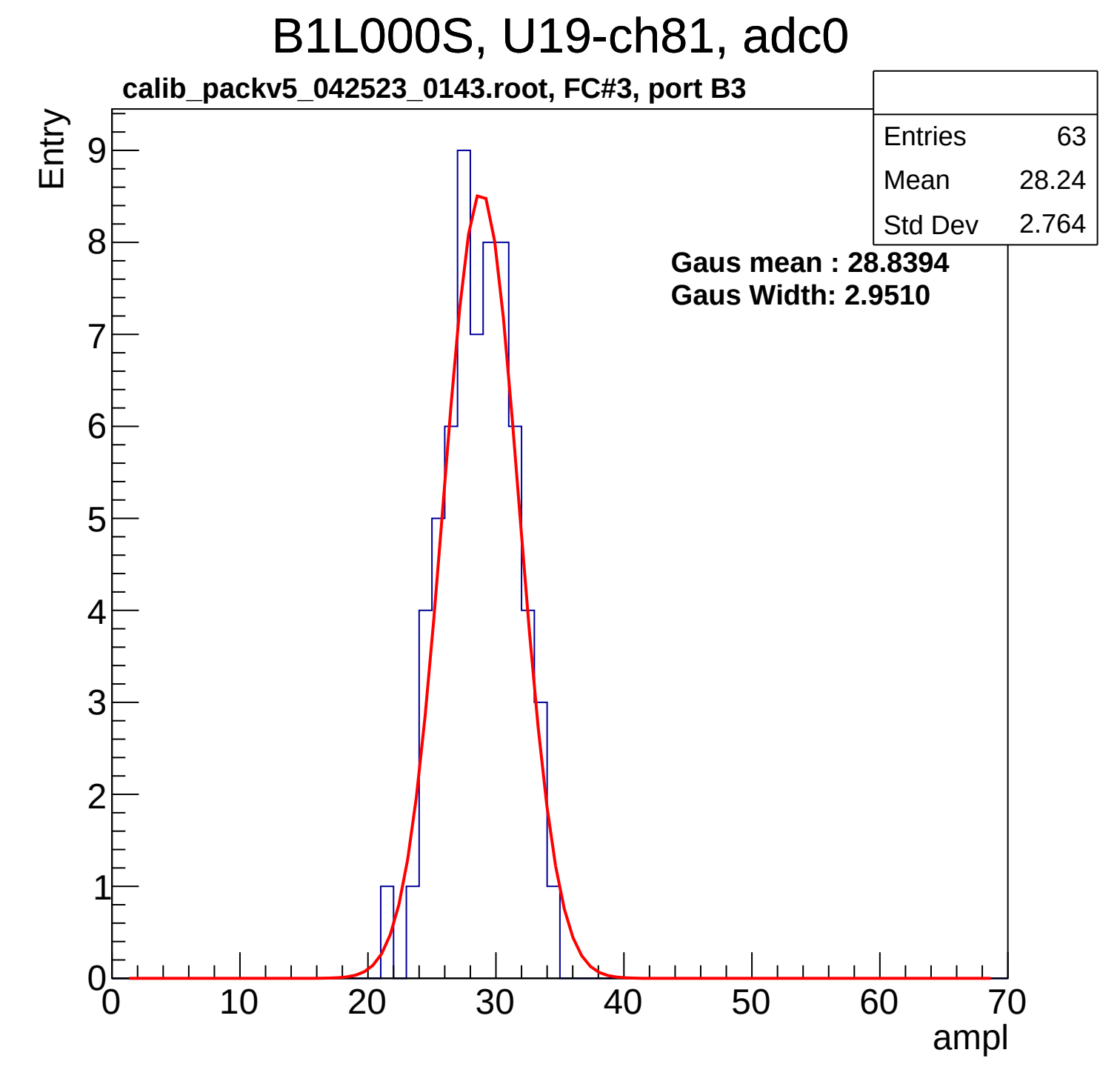
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch81, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 28.24
Std Dev 2.764
Gaus mean : 28.8394
Gaus Width: 2.9510
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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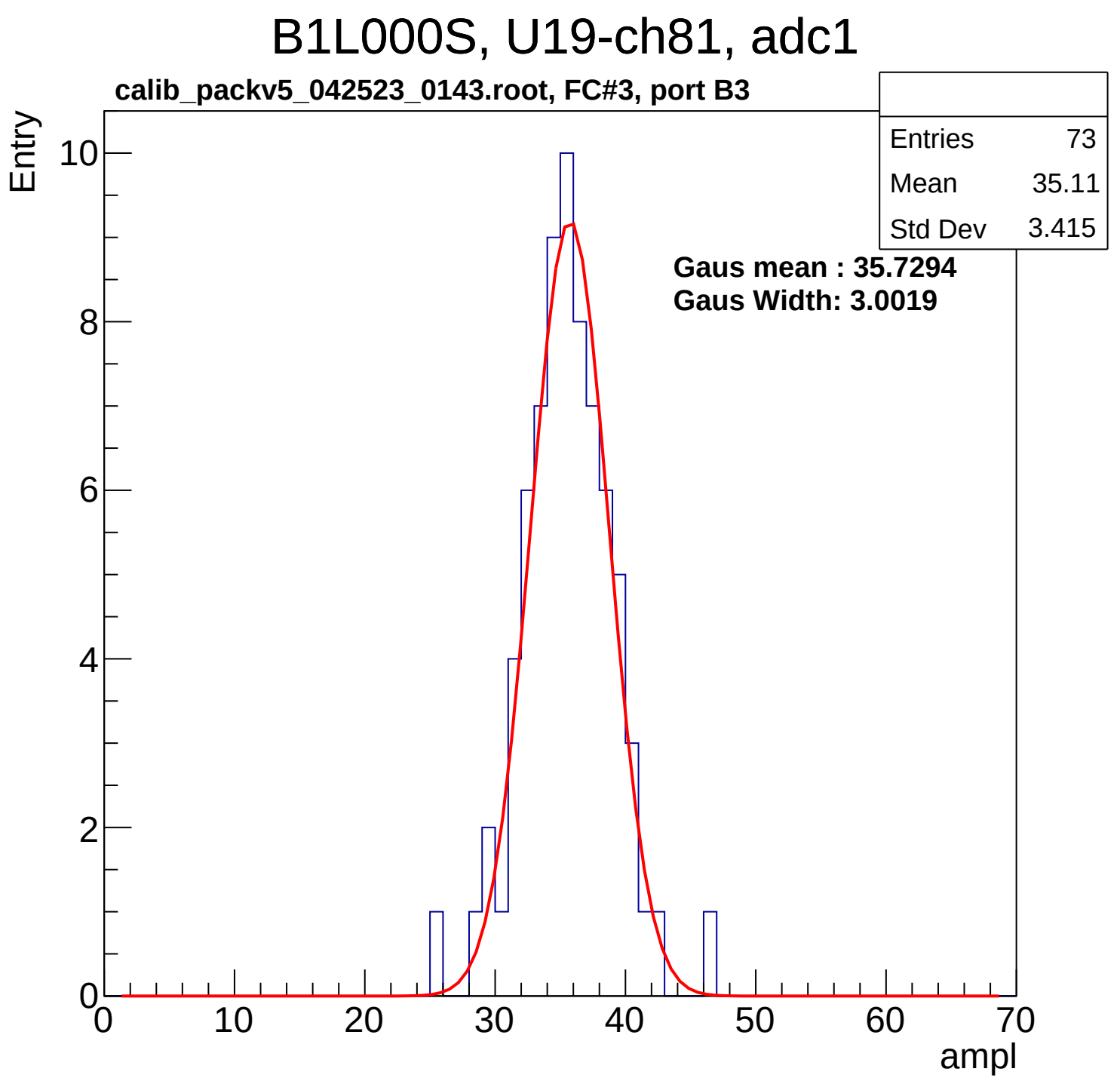
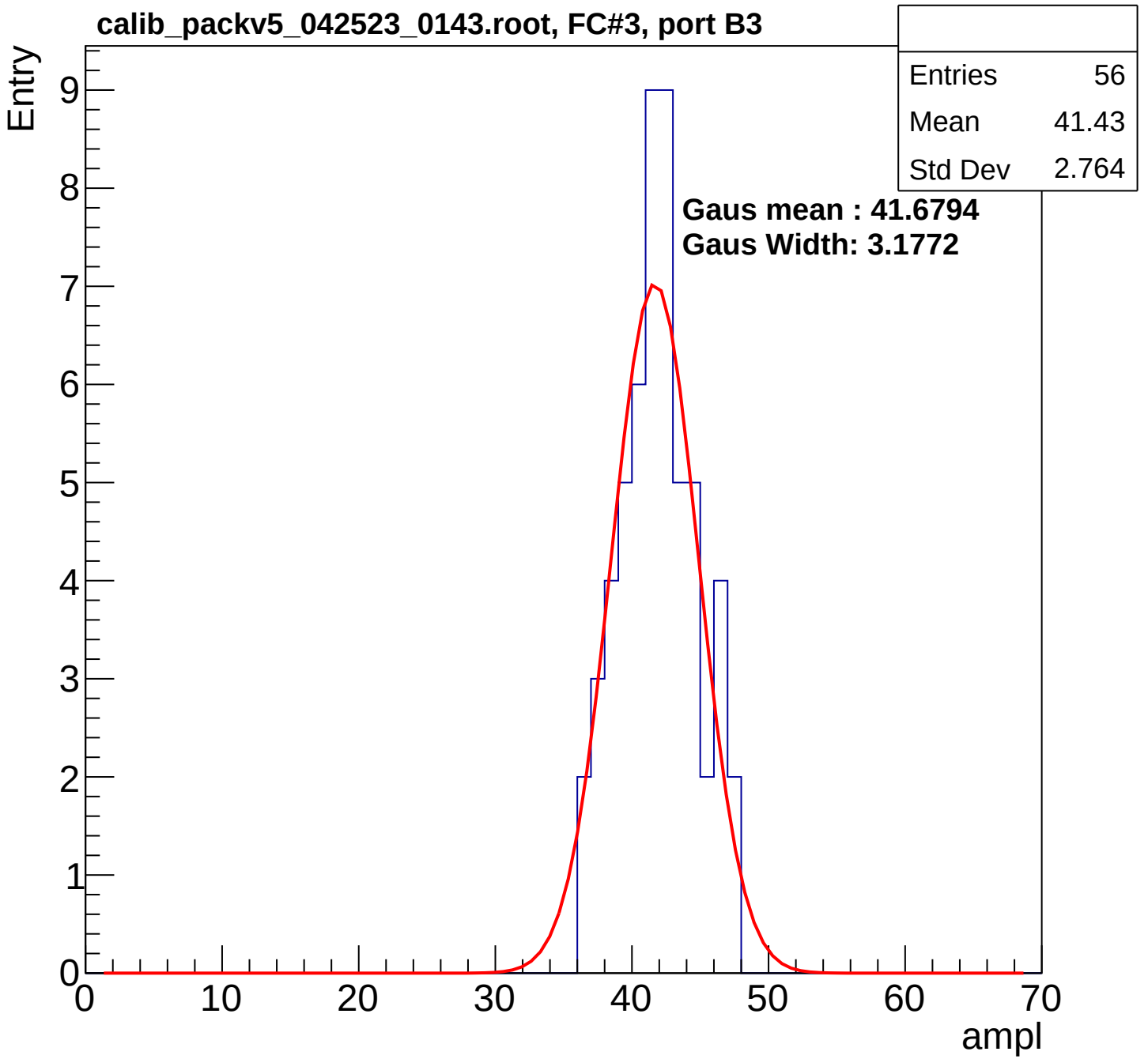
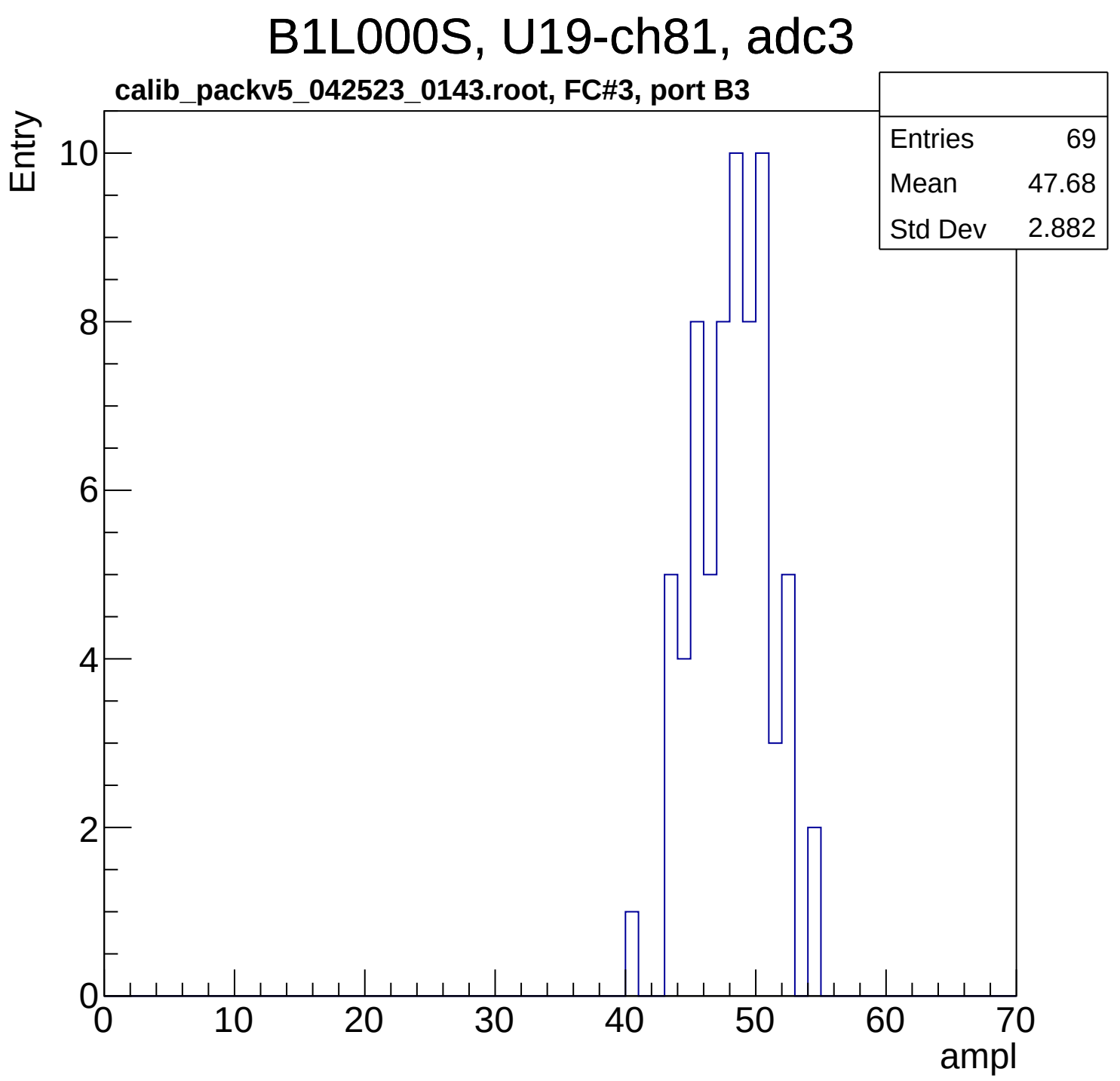

B1L000S, U19-ch81, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 35.11
Std Dev 3.415
Gaus mean : 35.7294
Gaus Width: 3.0019
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch81, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 41.43
Std Dev 2.764
Gaus mean : 41.6794
Gaus Width: 3.1772
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch81, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 47.68
Std Dev 2.882
Entry
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6
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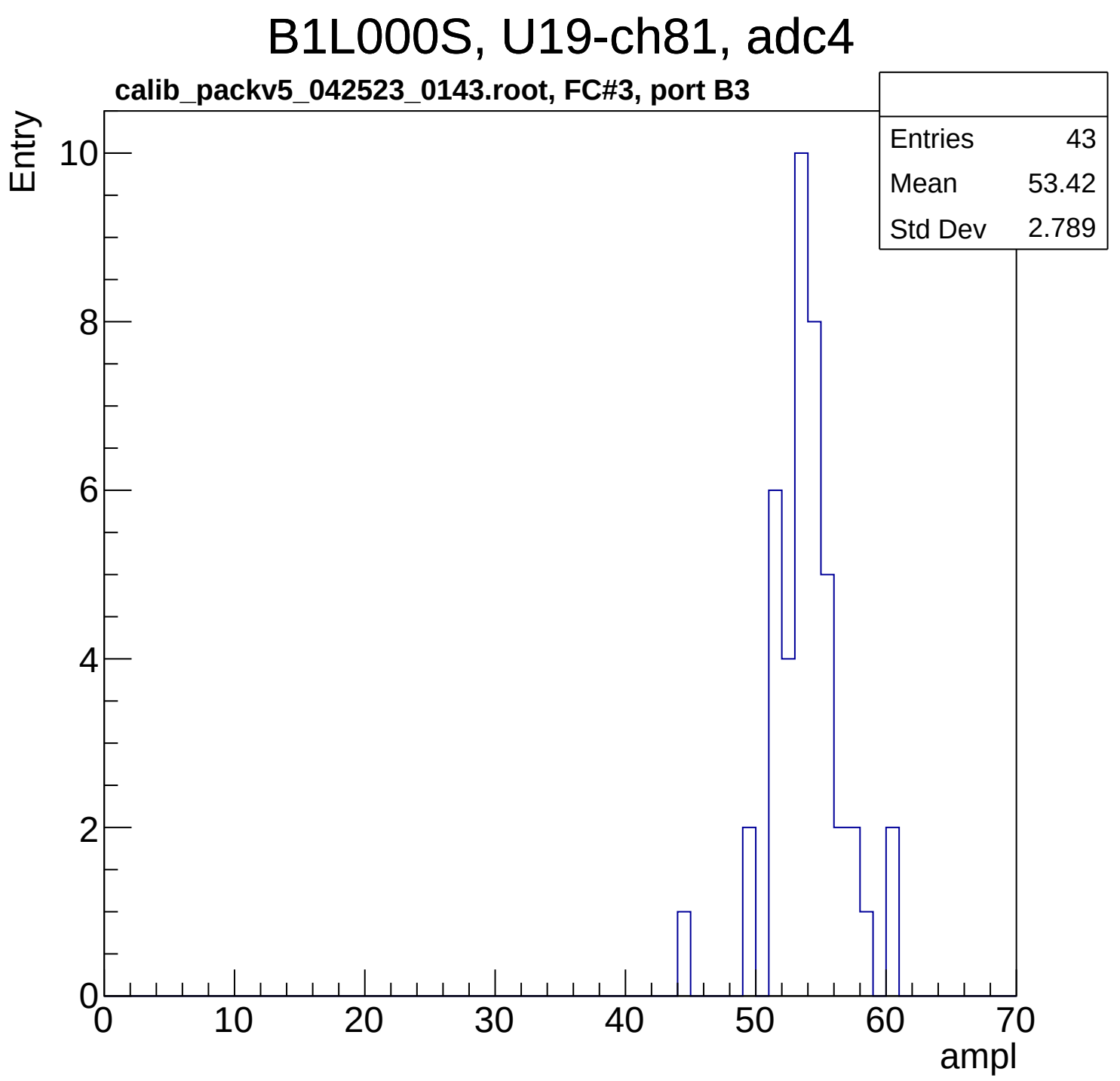
70
ampl


B1L000S, U19-ch81, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 53.42
Std Dev 2.789
Entry
ampl
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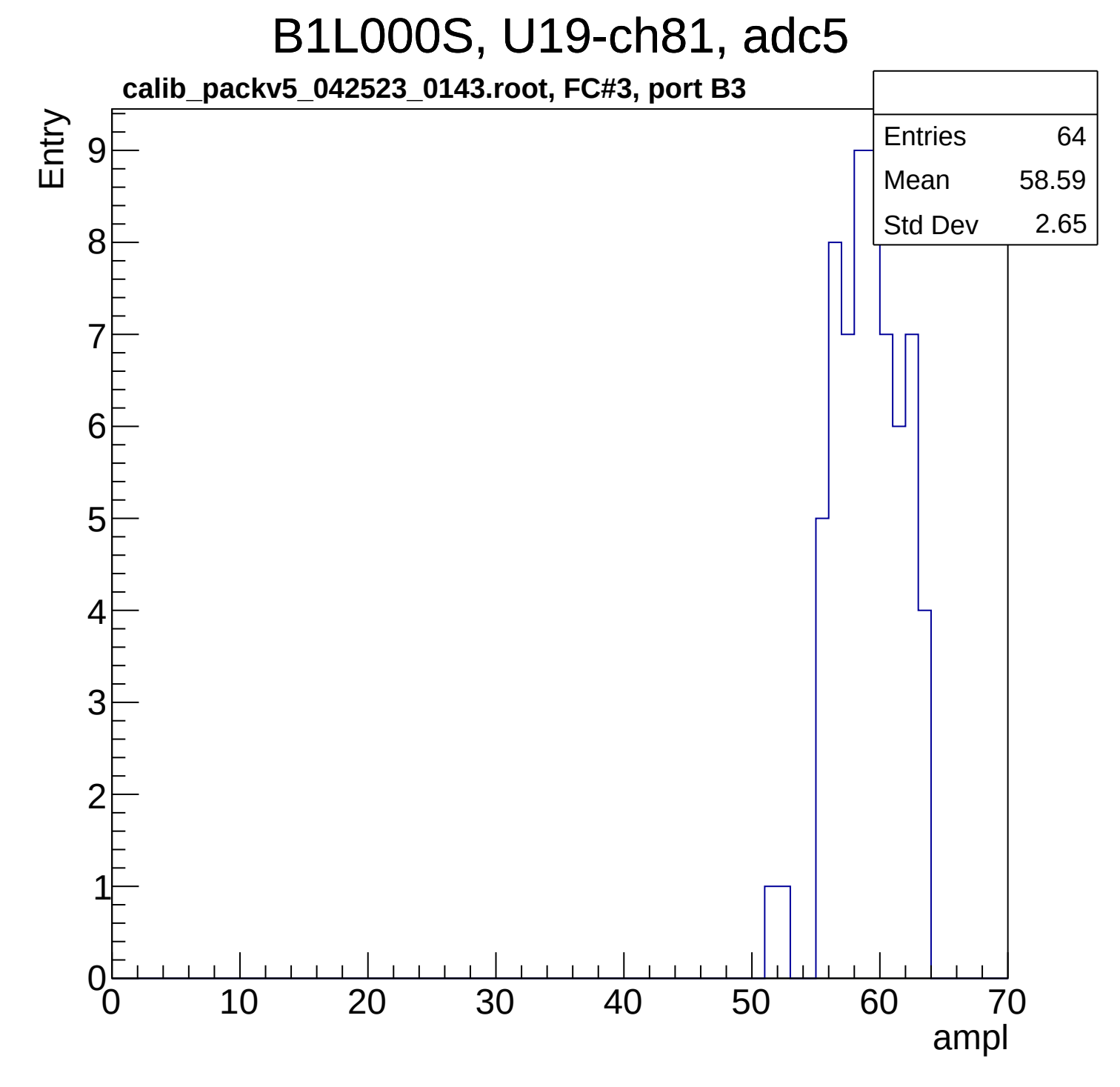
B1L000S, U19-ch81, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 58.59
Std Dev 2.65
Entry
ampl
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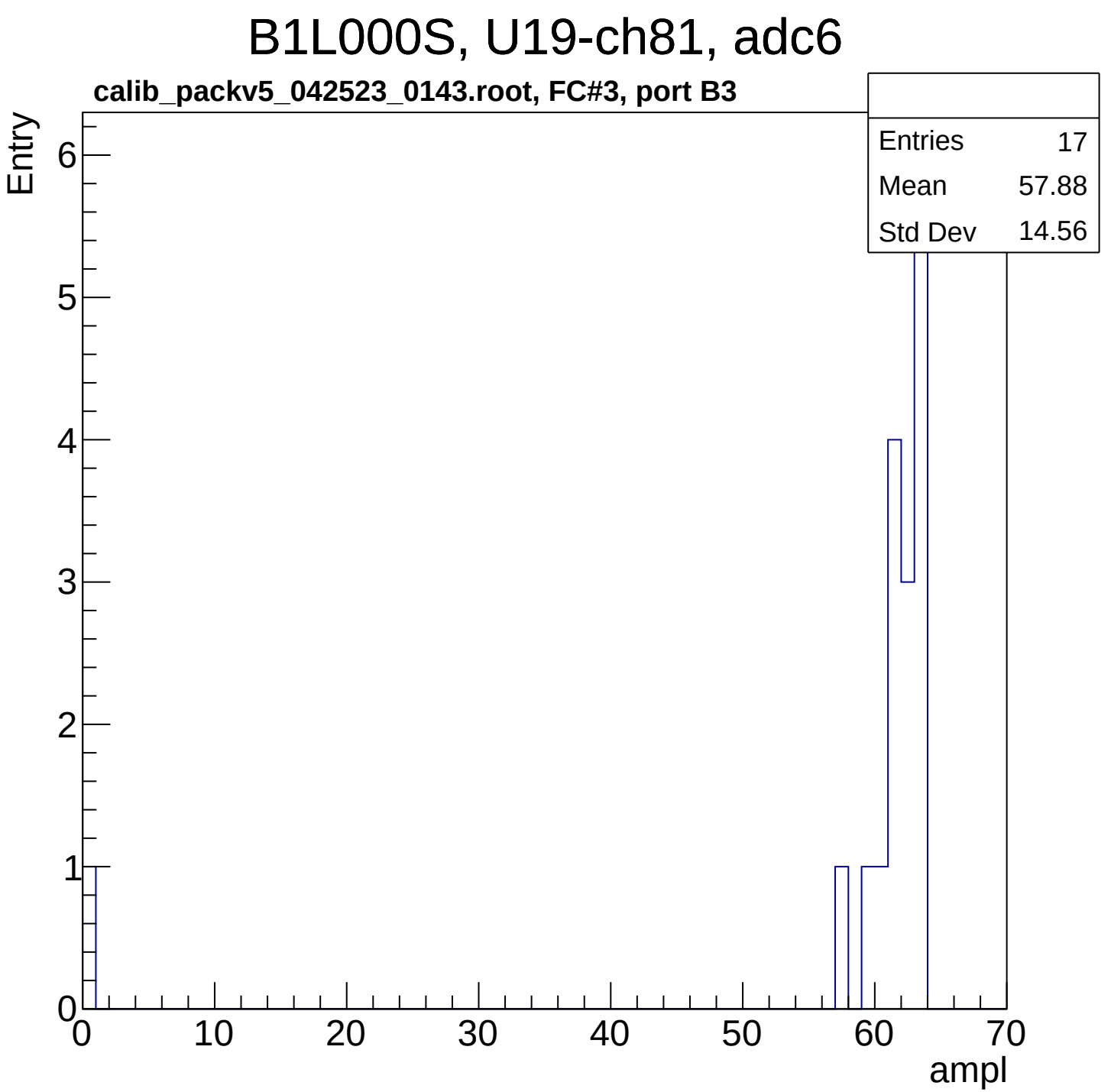
B1L000S, U19-ch81, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 57.88
Std Dev 14.56
Entry
0
1
2
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4
5
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10
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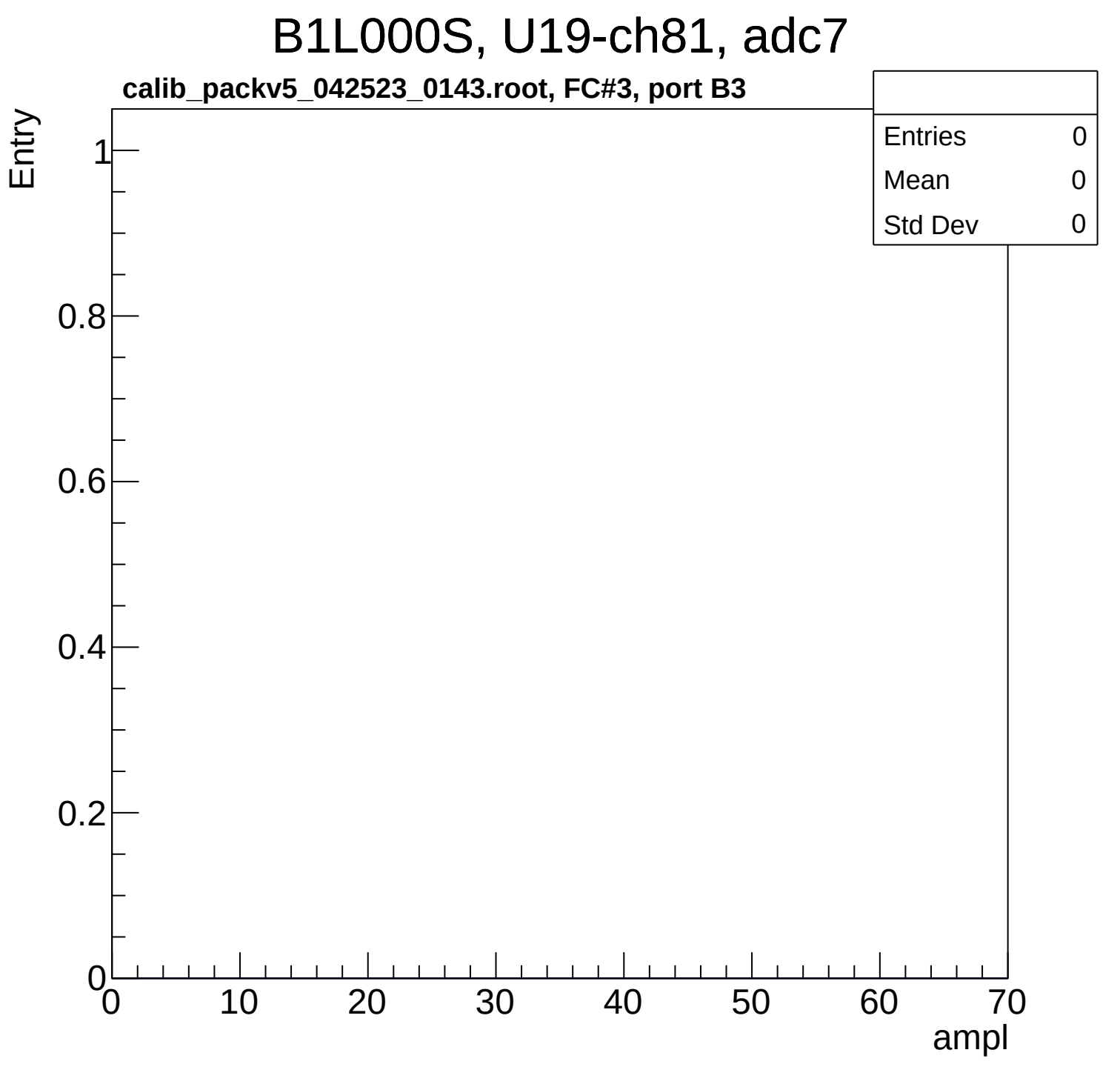
60
70
ampl


B1L000S, U19-ch81, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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0.8
0.6
0.4
0.2
0
0
10
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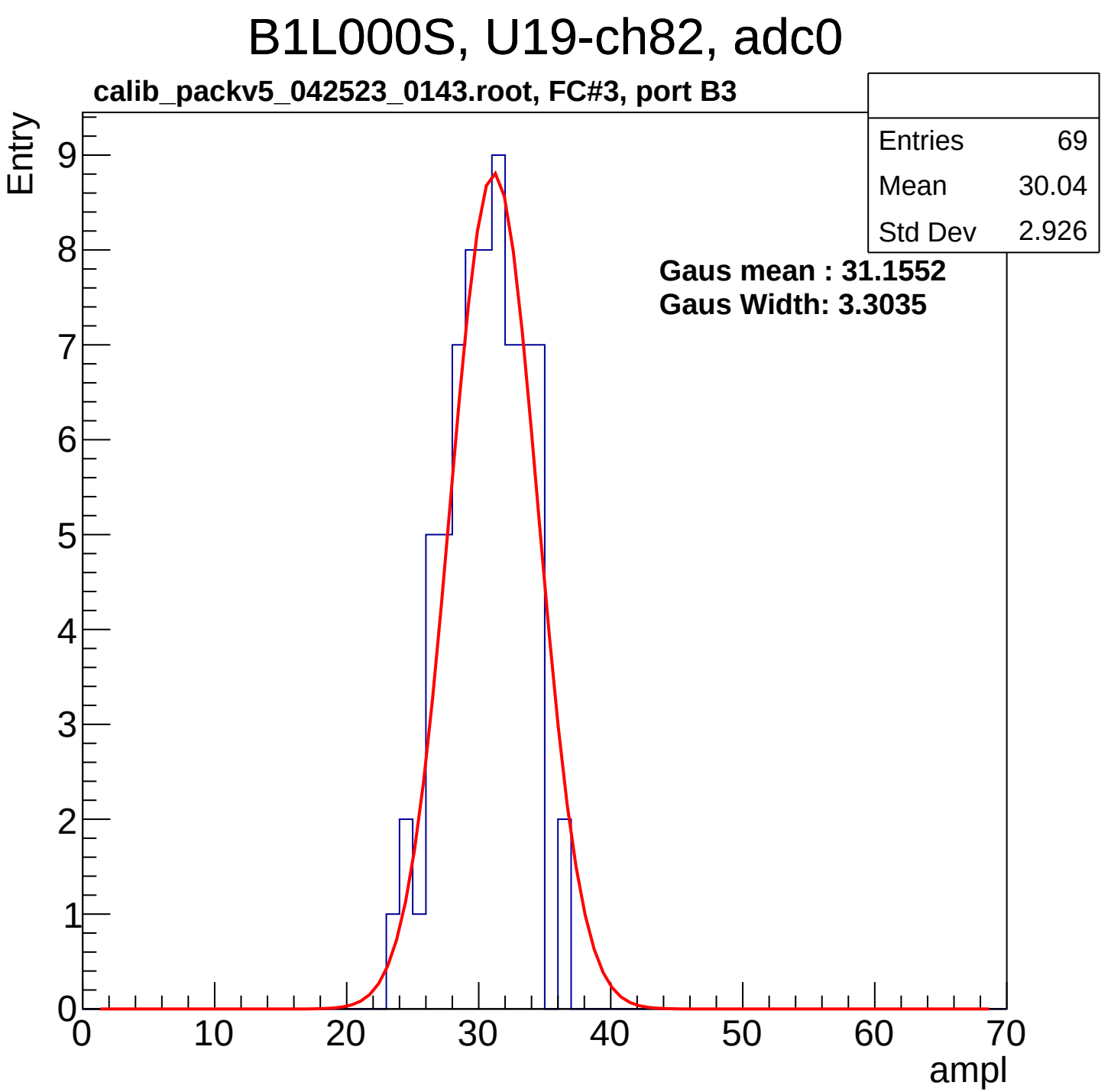
50
60
70
ampl


B1L000S, U19-ch82, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 30.04
Std Dev 2.926
Gaus mean : 31.1552
Gaus Width: 3.3035
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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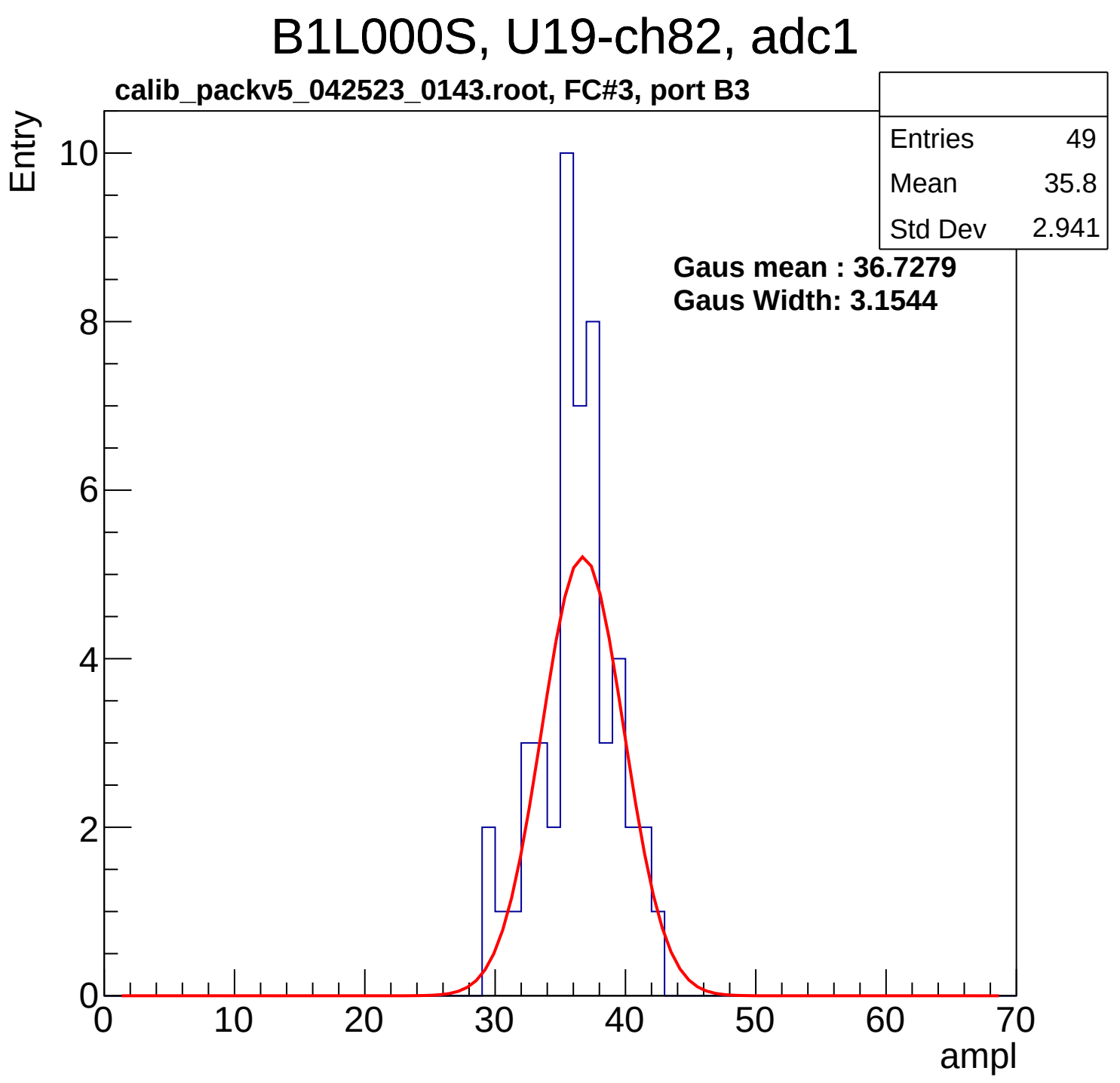
B1L000S, U19-ch82, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 35.8
Std Dev 2.941
Gaus mean : 36.7279
Gaus Width: 3.1544
Entry
ampl
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4
6
8
10
0
10
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40
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60
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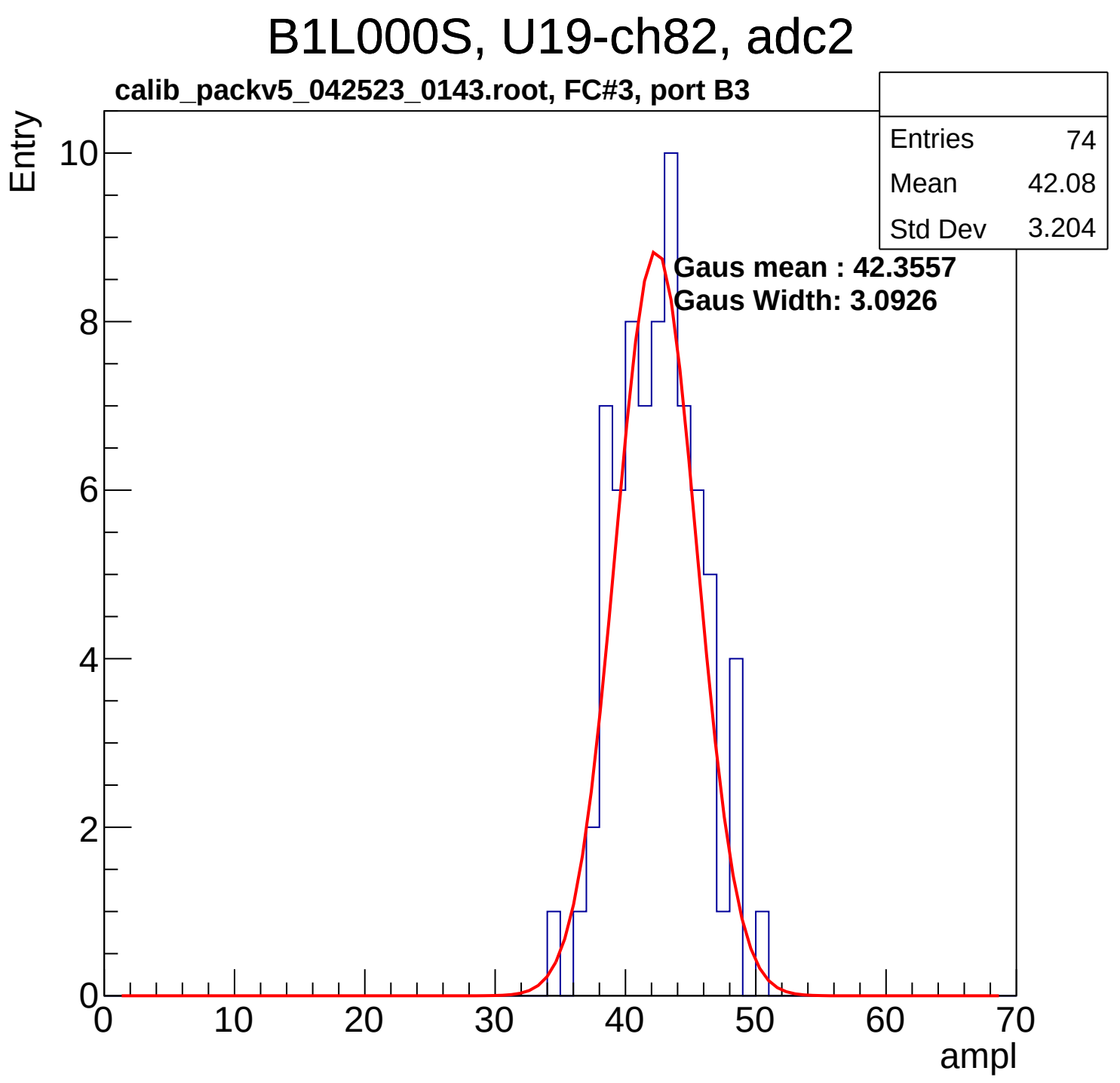
B1L000S, U19-ch82, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 42.08
Std Dev 3.204
Gaus mean : 42.3557
Gaus Width: 3.0926
Entry
ampl
0
2
4
6
8
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0
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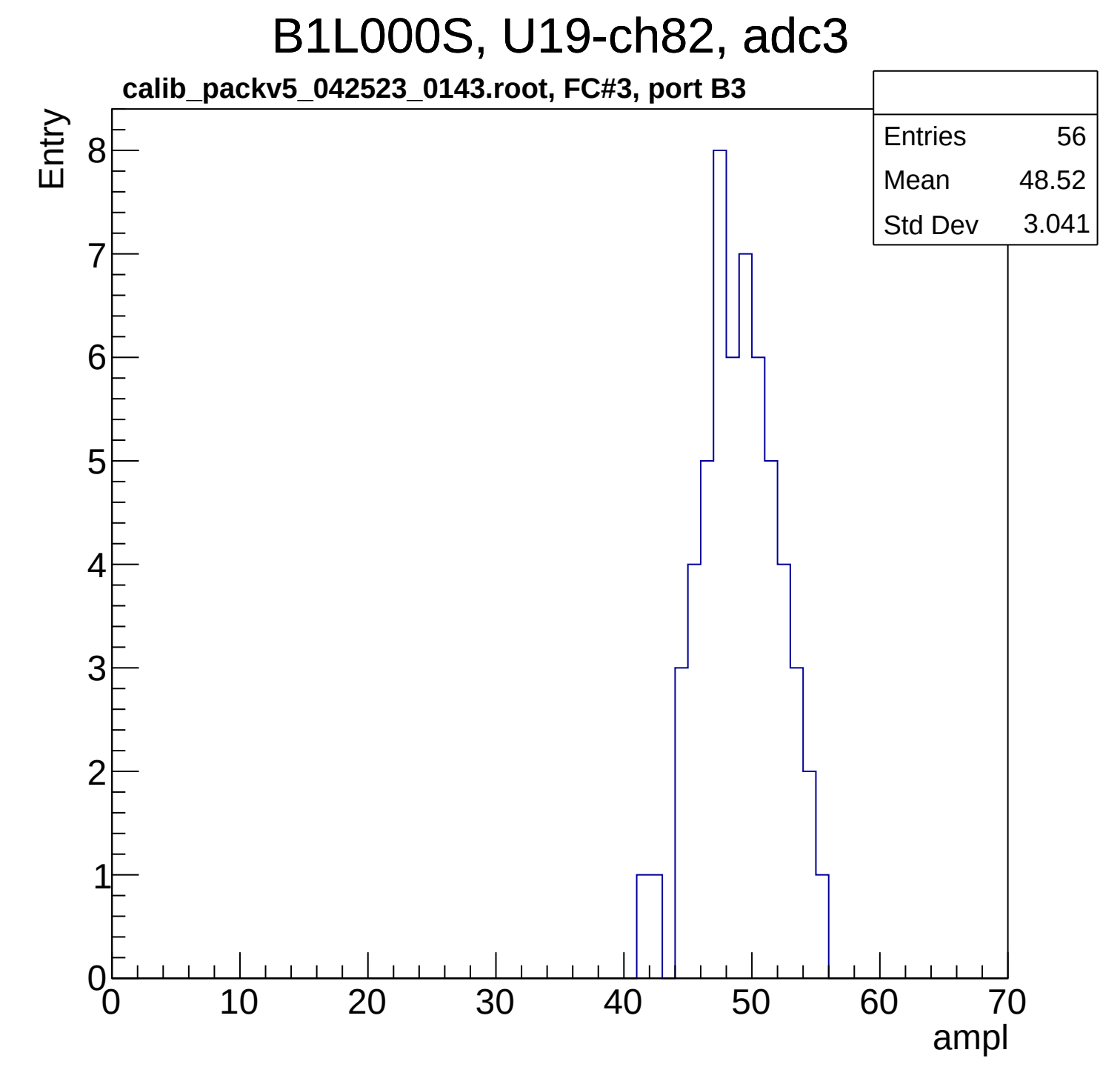
B1L000S, U19-ch82, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 48.52
Std Dev 3.041
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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60
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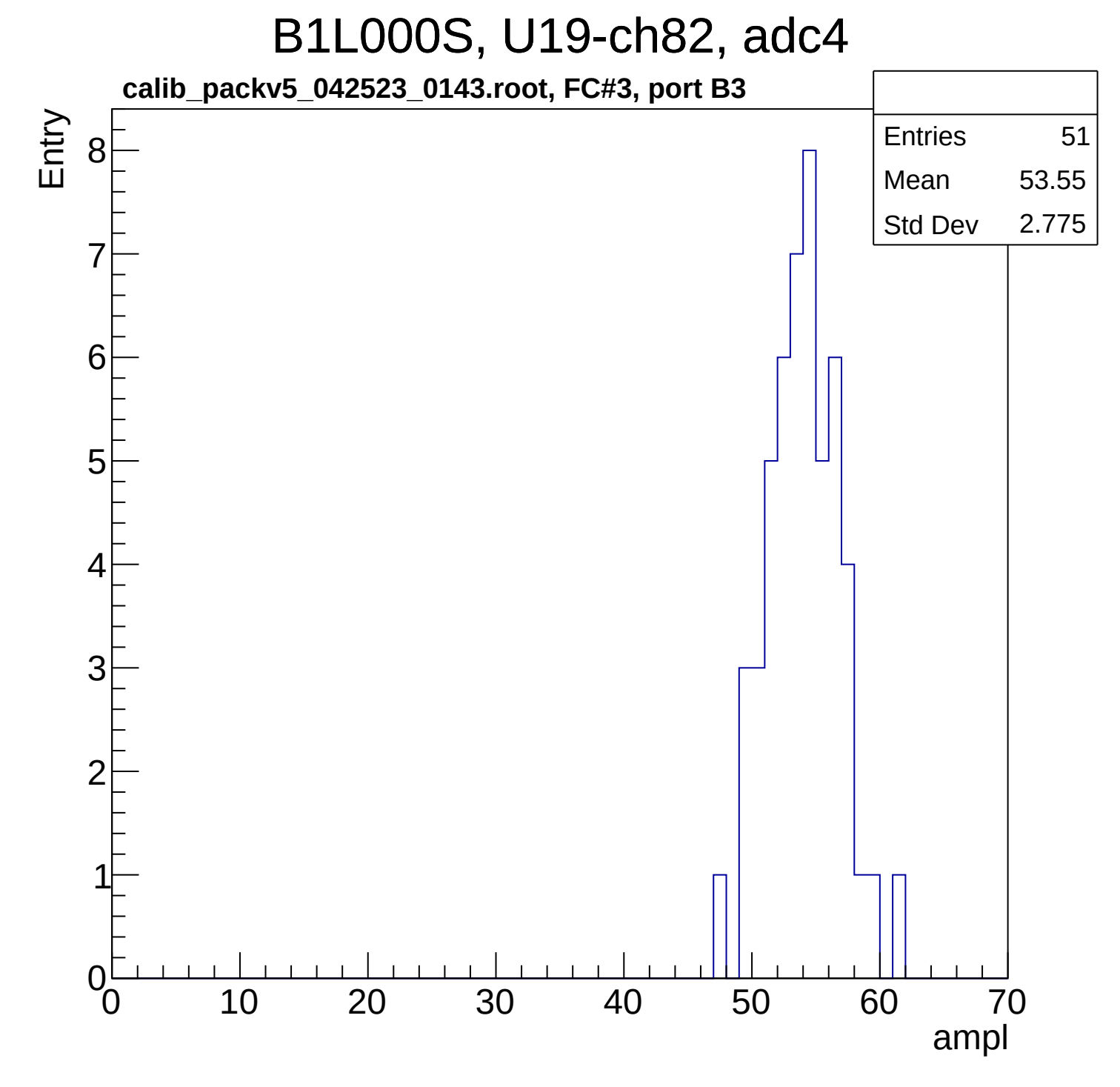
B1L000S, U19-ch82, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 53.55
Std Dev 2.775
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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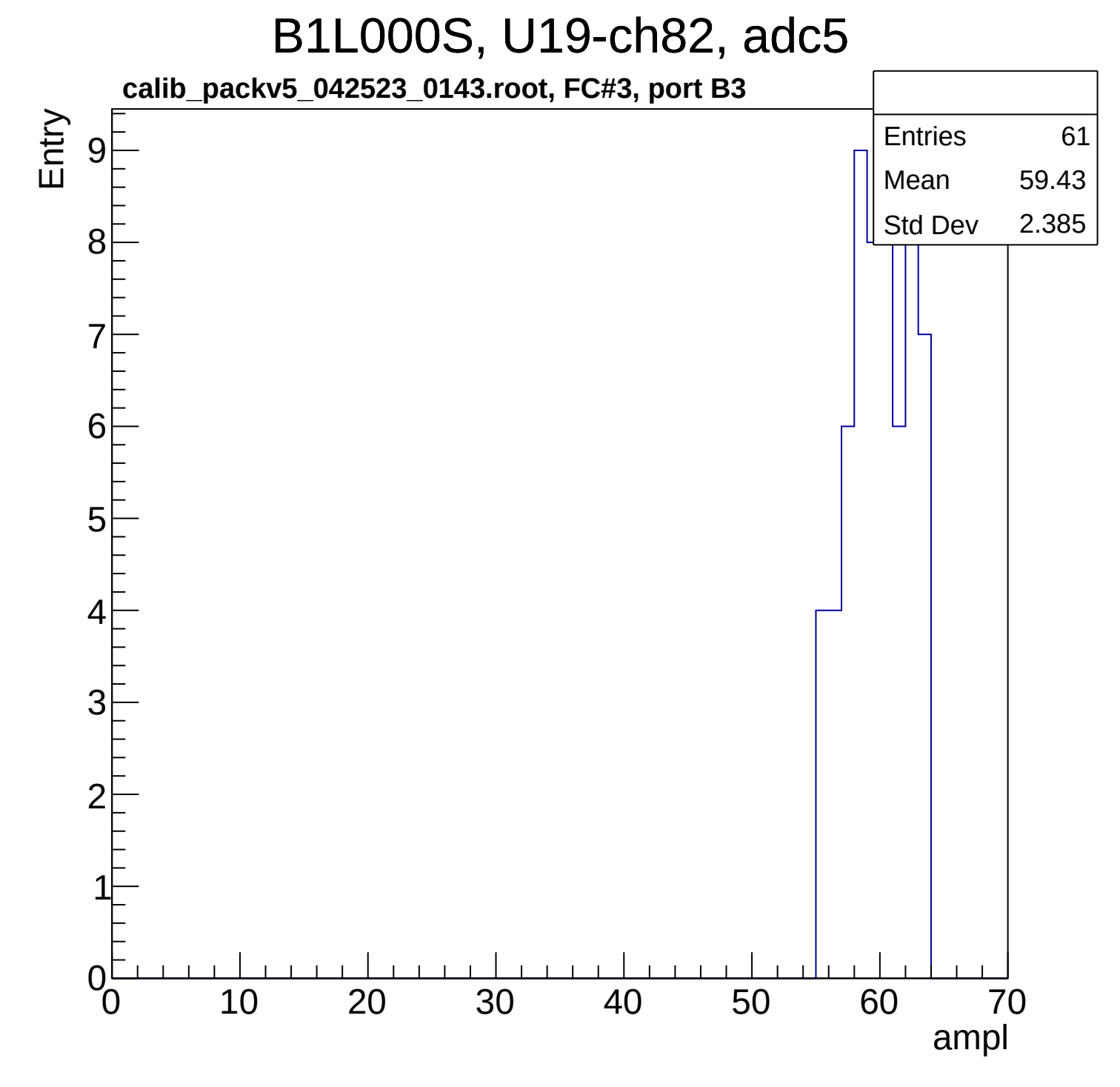
B1L000S, U19-ch82, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 59.43
Std Dev 2.385
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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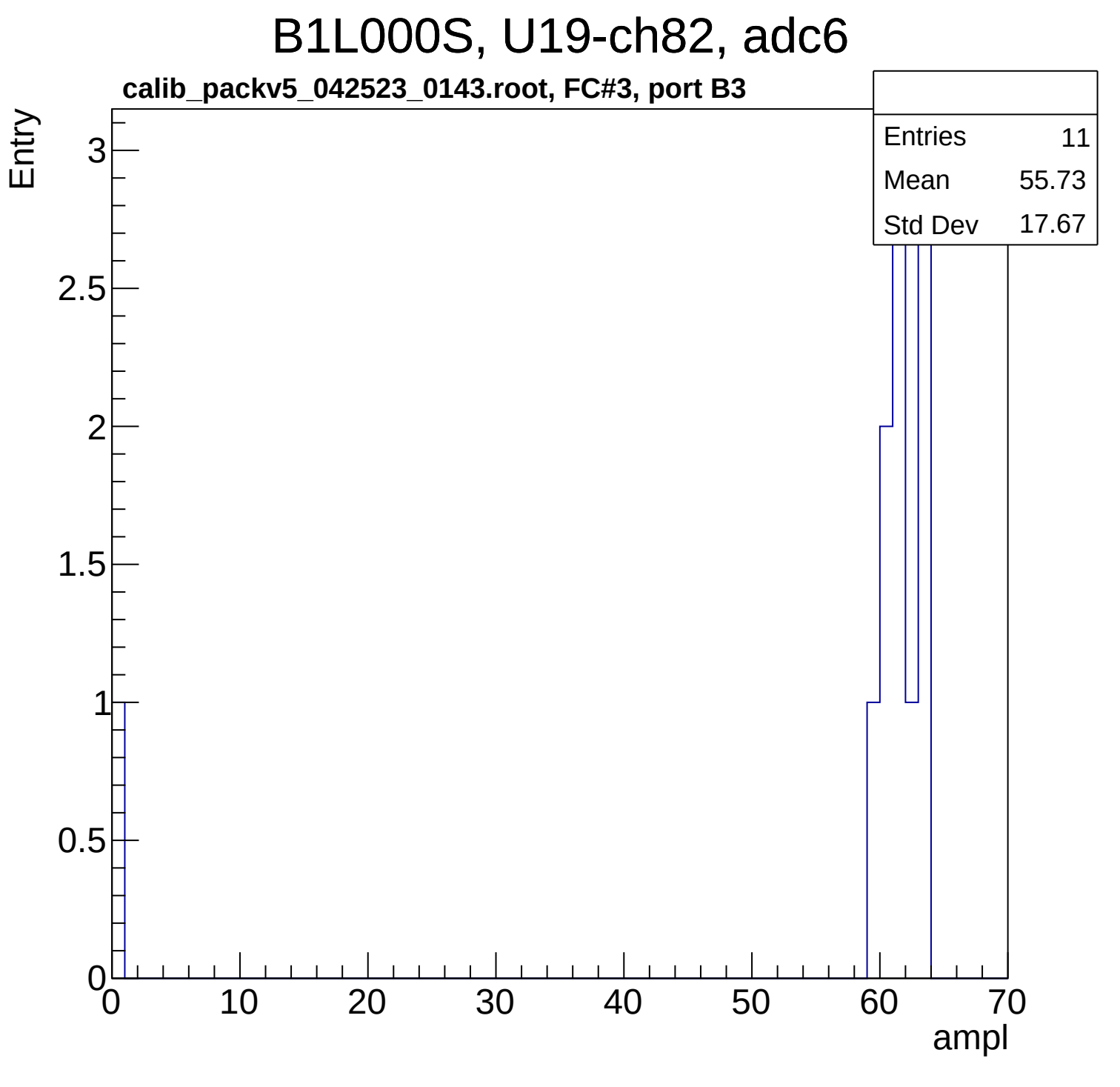
B1L000S, U19-ch82, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 55.73
Std Dev 17.67
Entry
ampl
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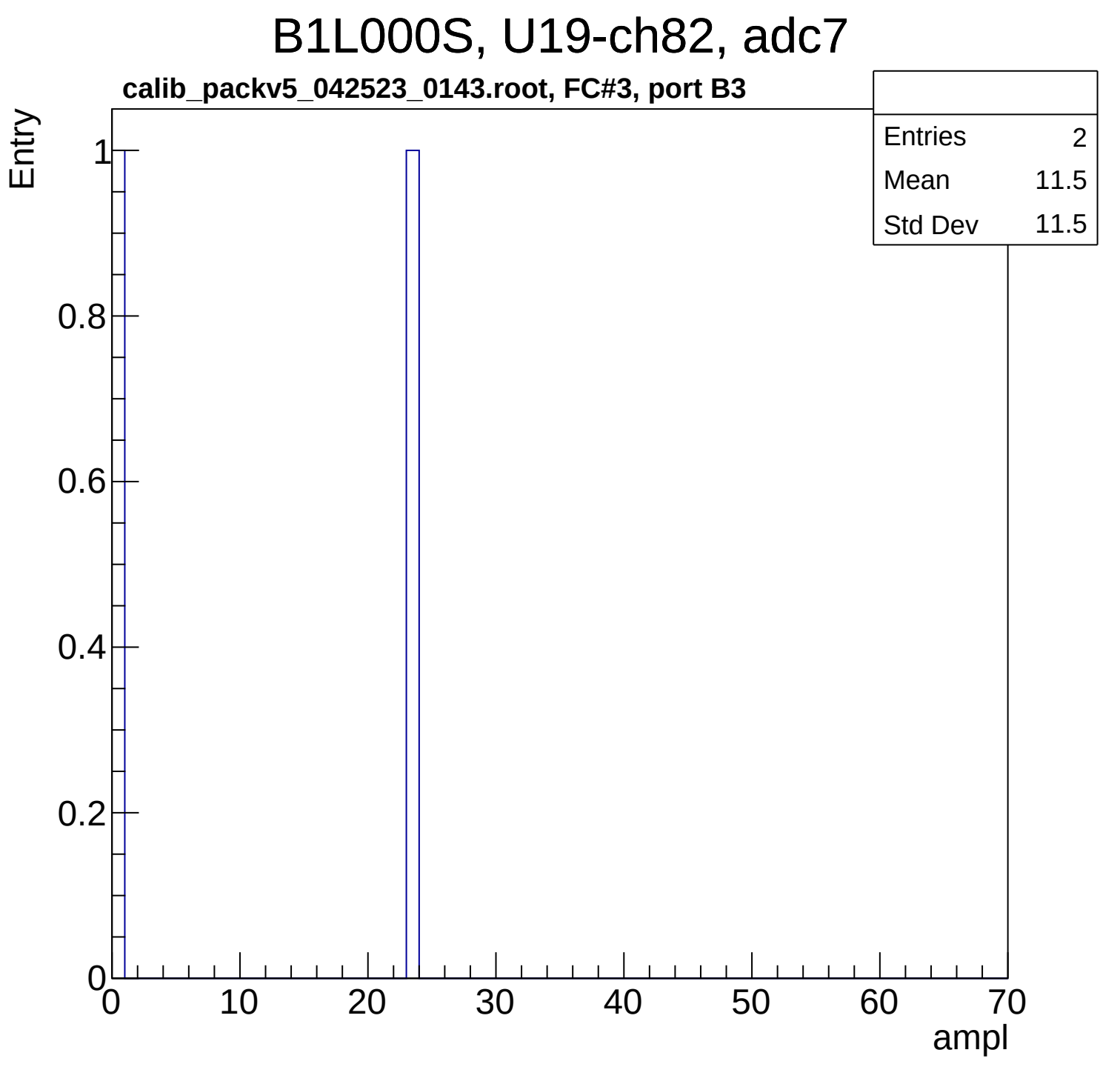
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U19-ch82, 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
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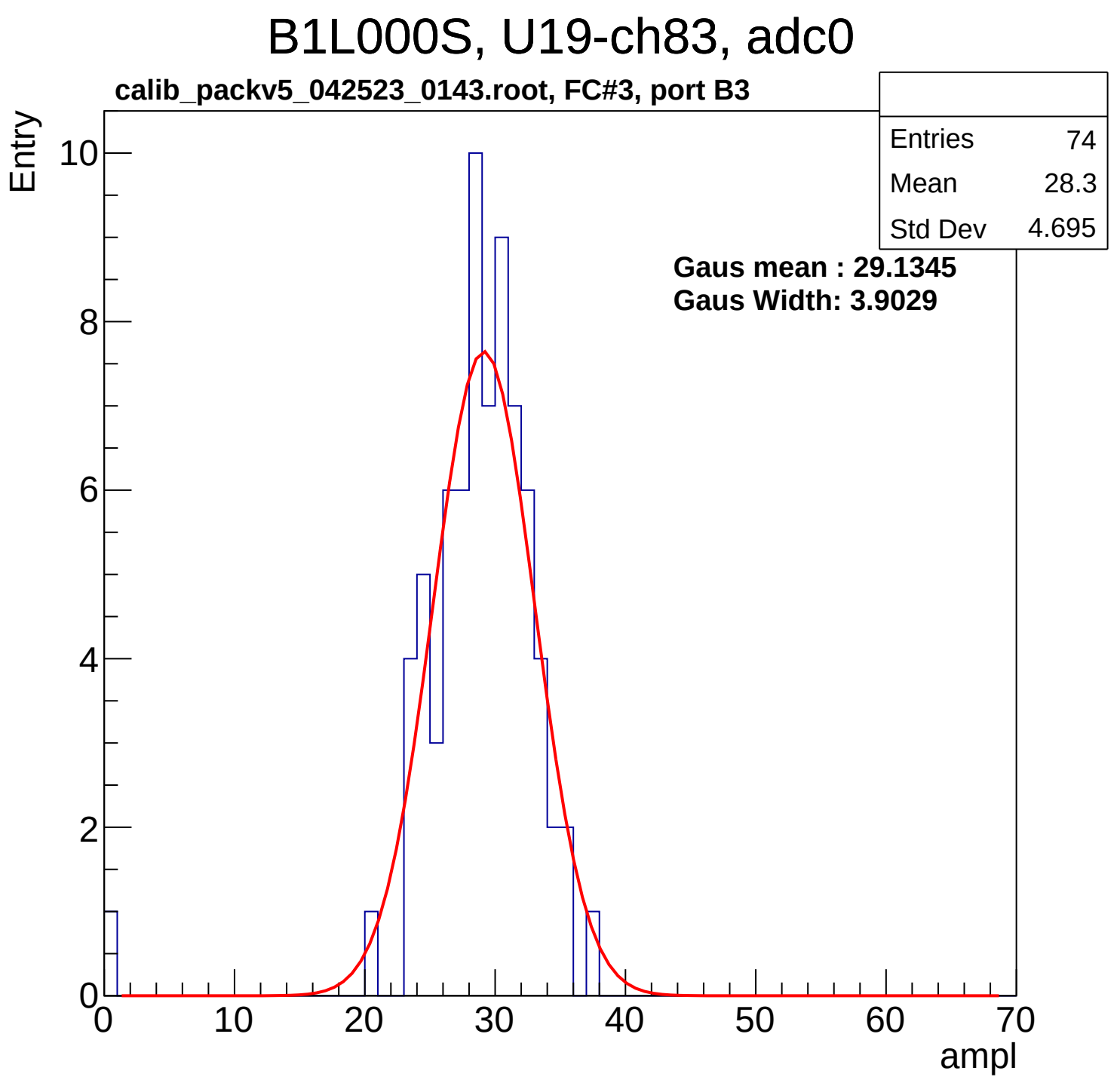
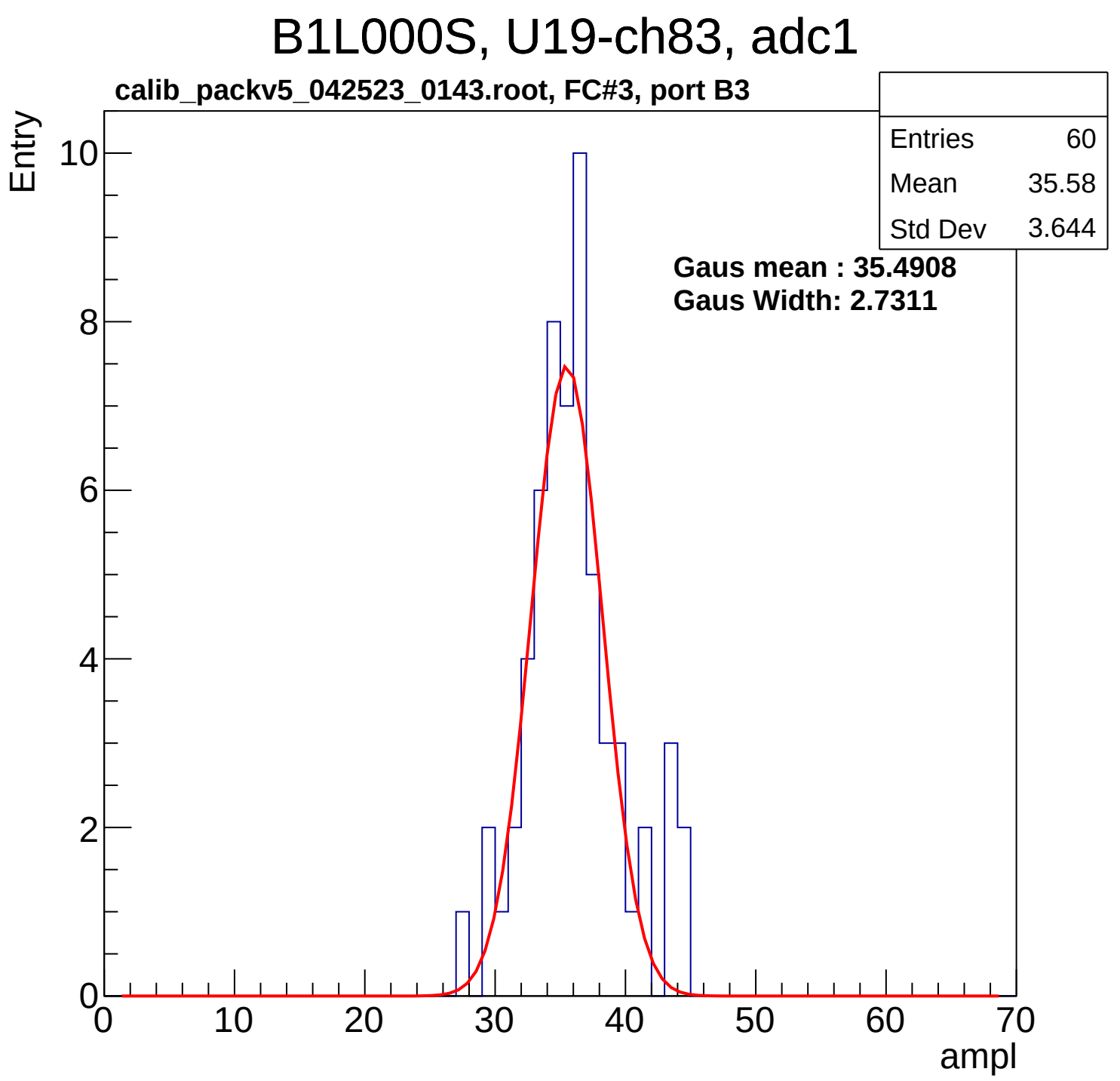
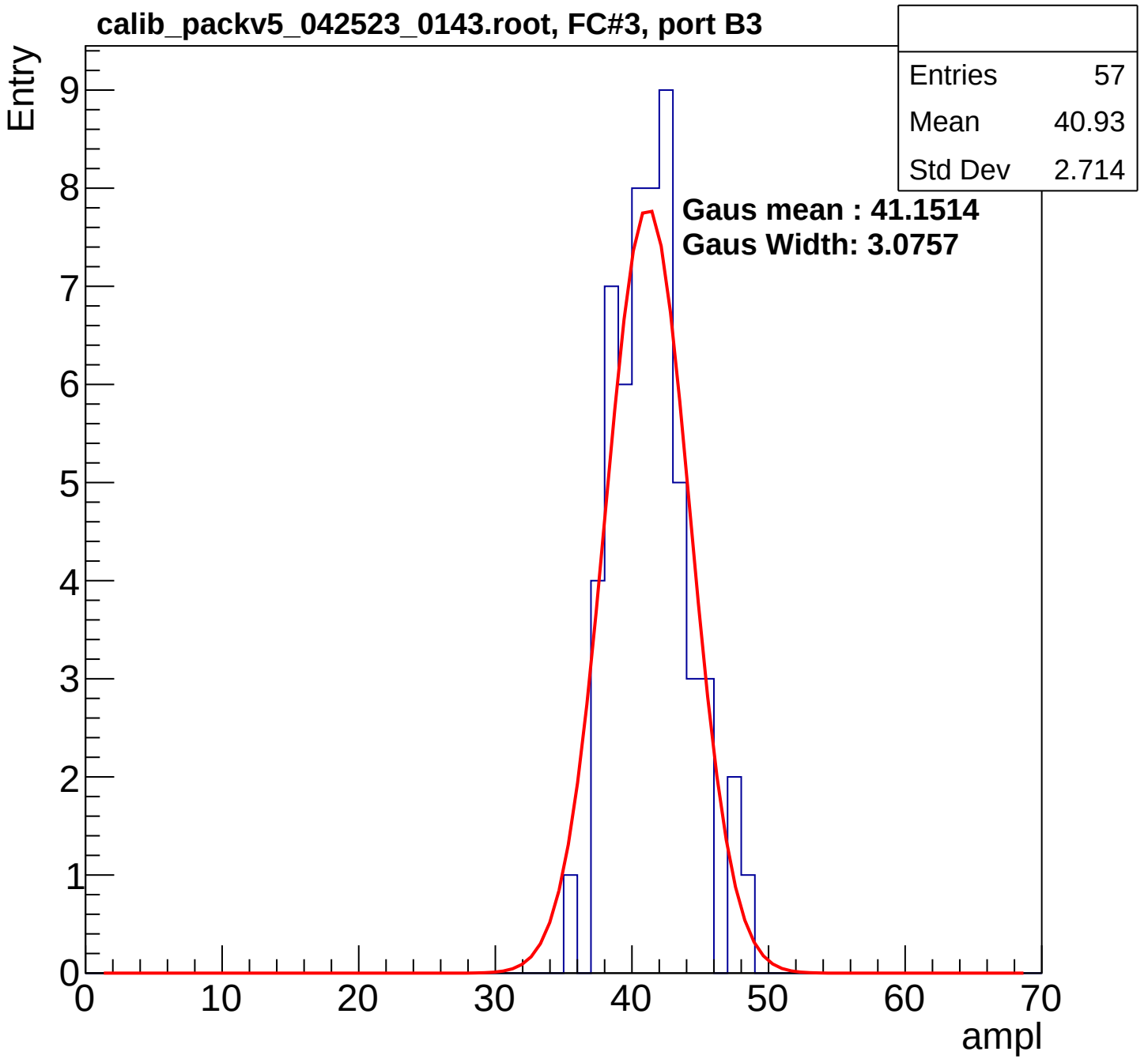
50
60
70
ampl


B1L000S, U19-ch83, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 28.3
Std Dev 4.695
Gaus mean : 29.1345
Gaus Width: 3.9029
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch83, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 35.58
Std Dev 3.644
Gaus mean : 35.4908
Gaus Width: 2.7311
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch83, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 40.93
Std Dev 2.714
Gaus mean : 41.1514
Gaus Width: 3.0757
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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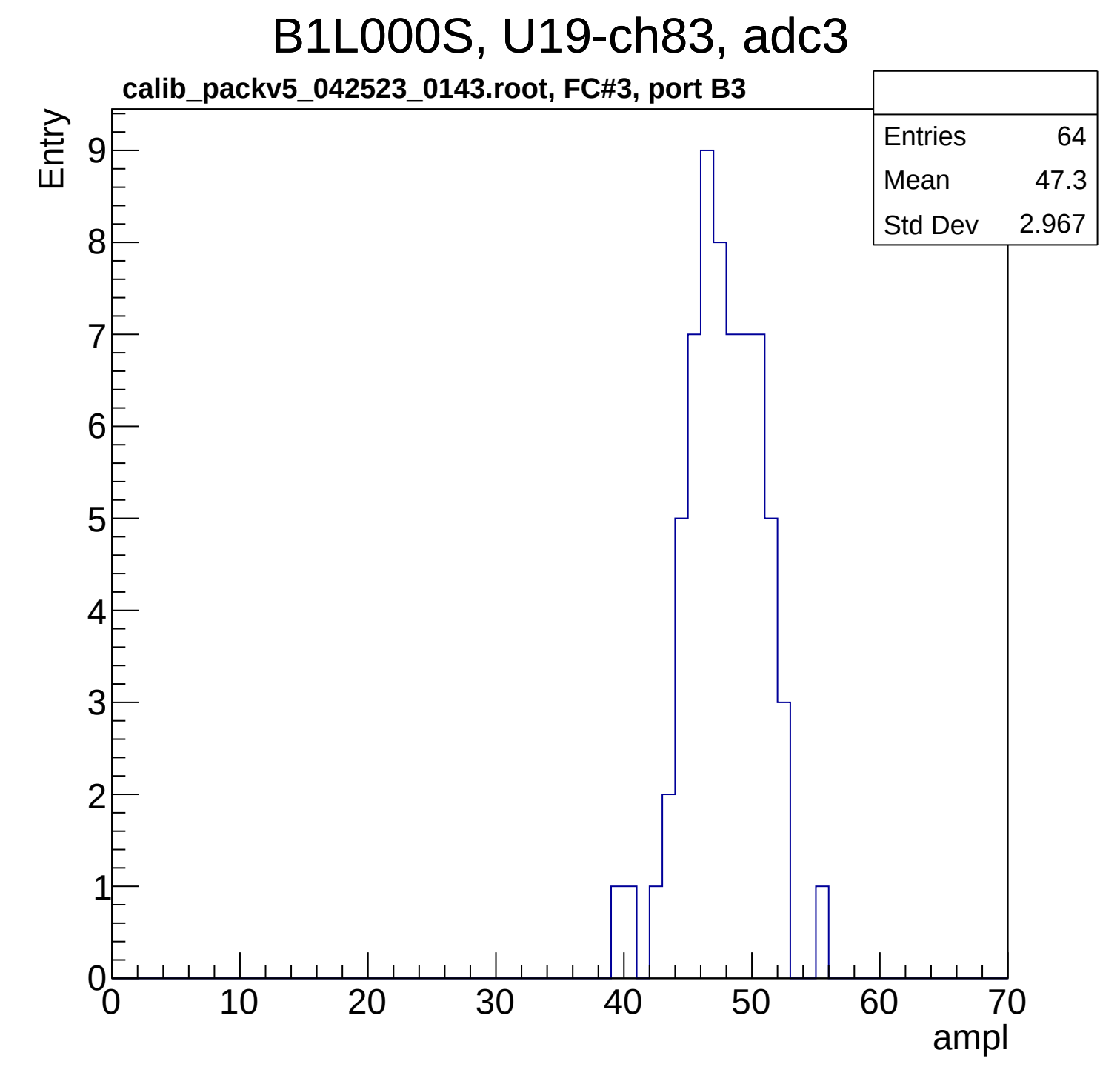
B1L000S, U19-ch83, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 47.3
Std Dev 2.967
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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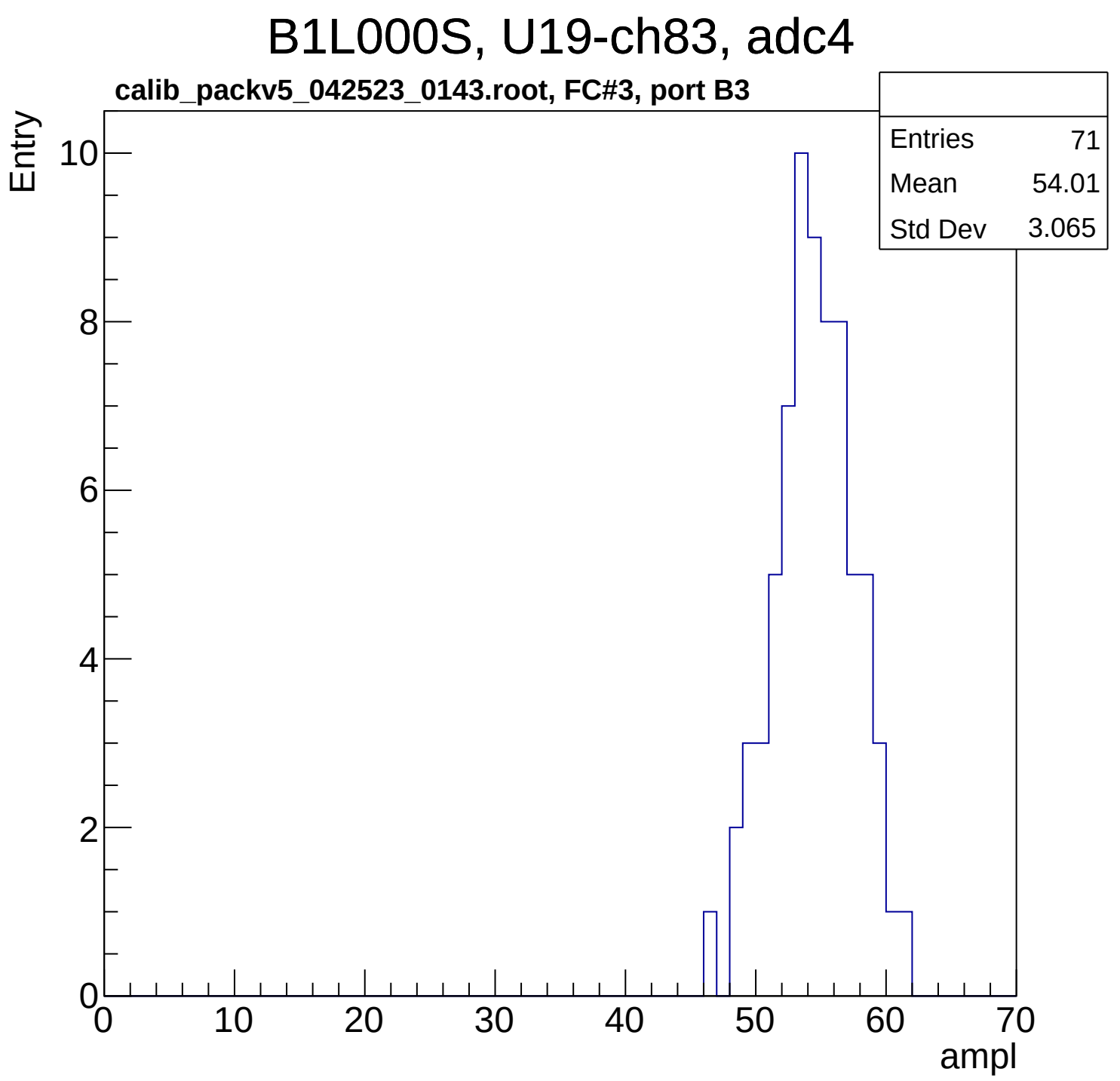
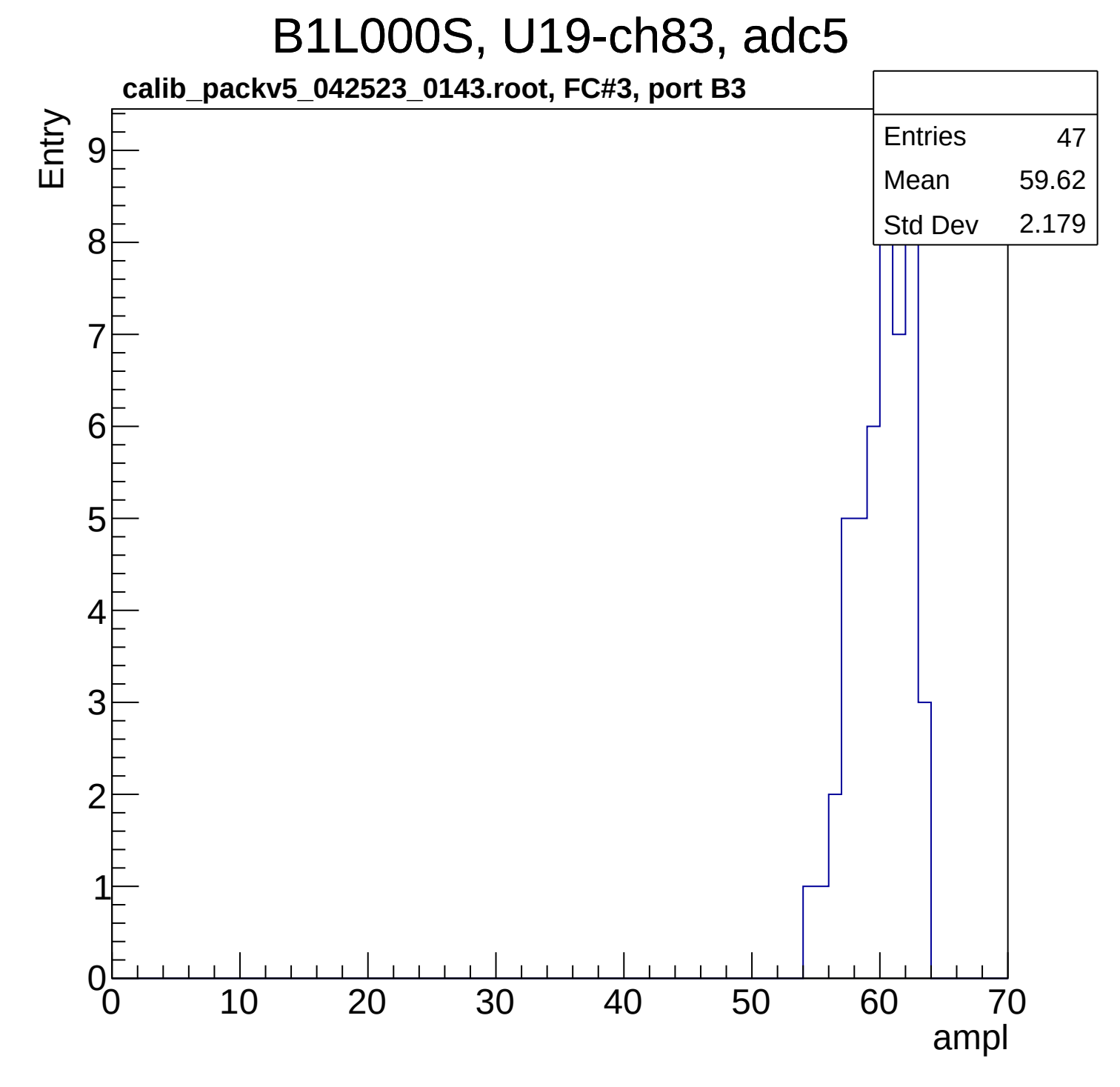

B1L000S, U19-ch83, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 54.01
Std Dev 3.065
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch83, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 59.62
Std Dev 2.179
Entry
ampl
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3
4
5
6
7
8
9
0
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20
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40
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60
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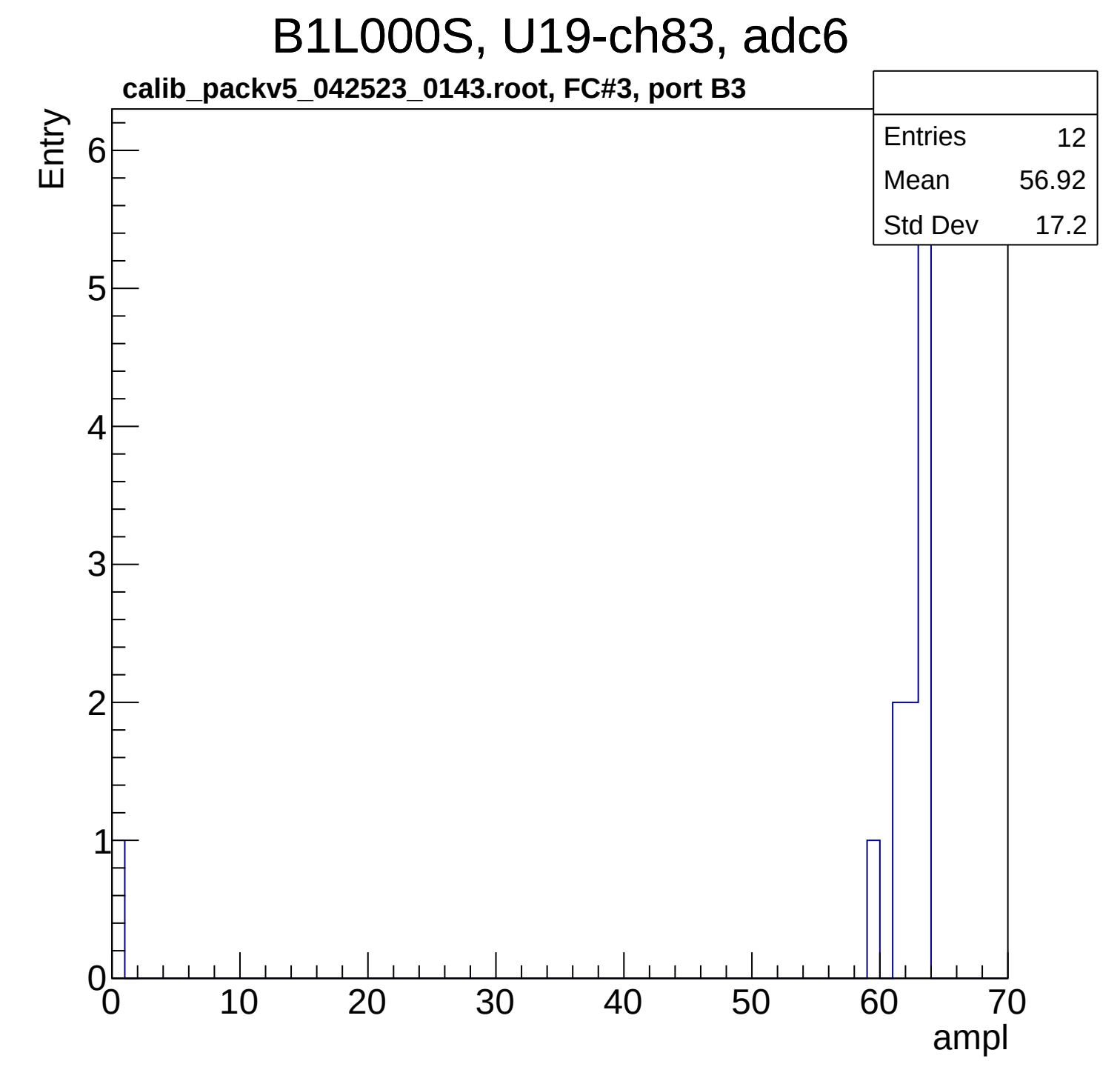
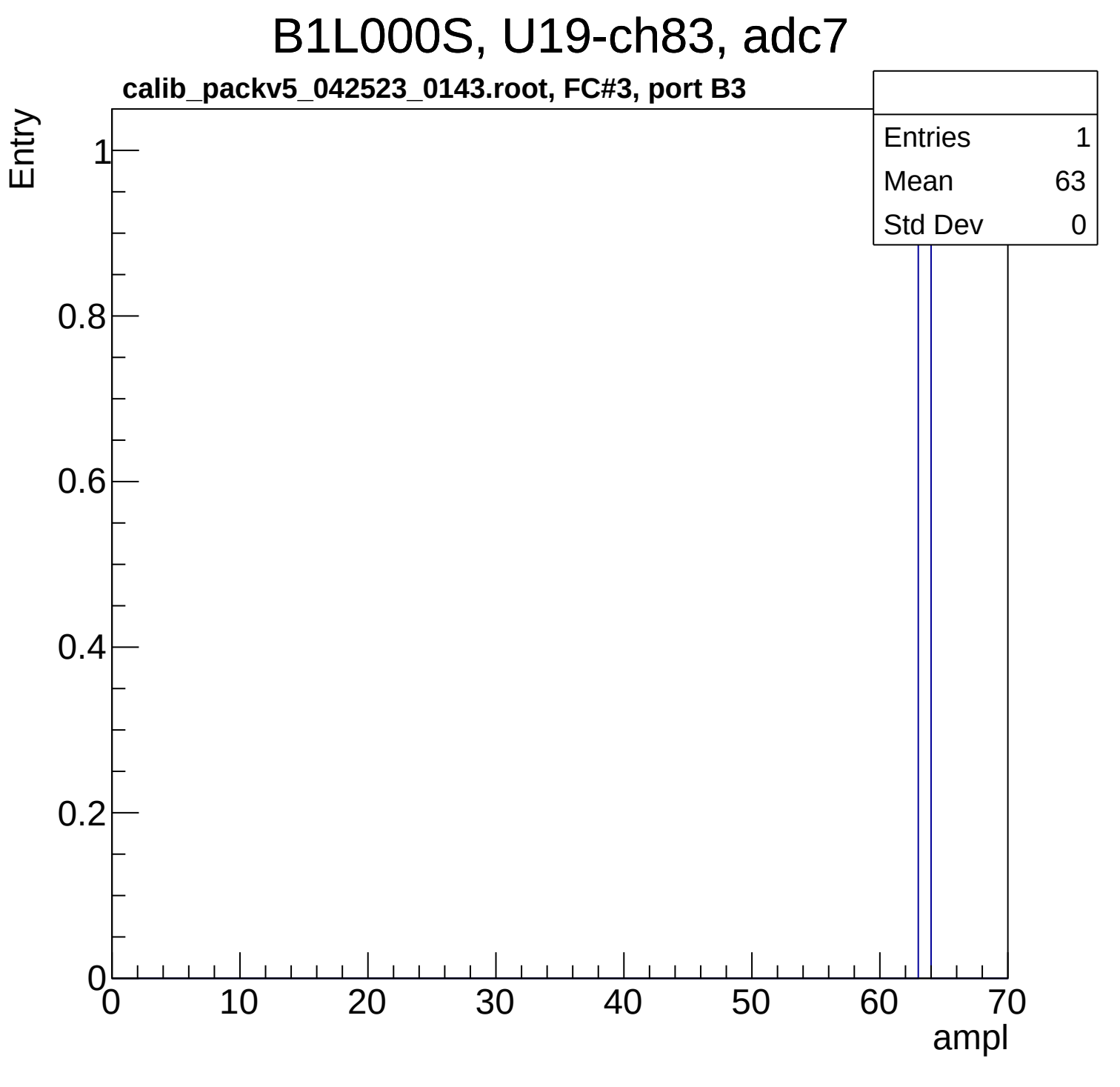

B1L000S, U19-ch83, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 56.92
Std Dev 17.2
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch83, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 63
Std Dev 0
Entry
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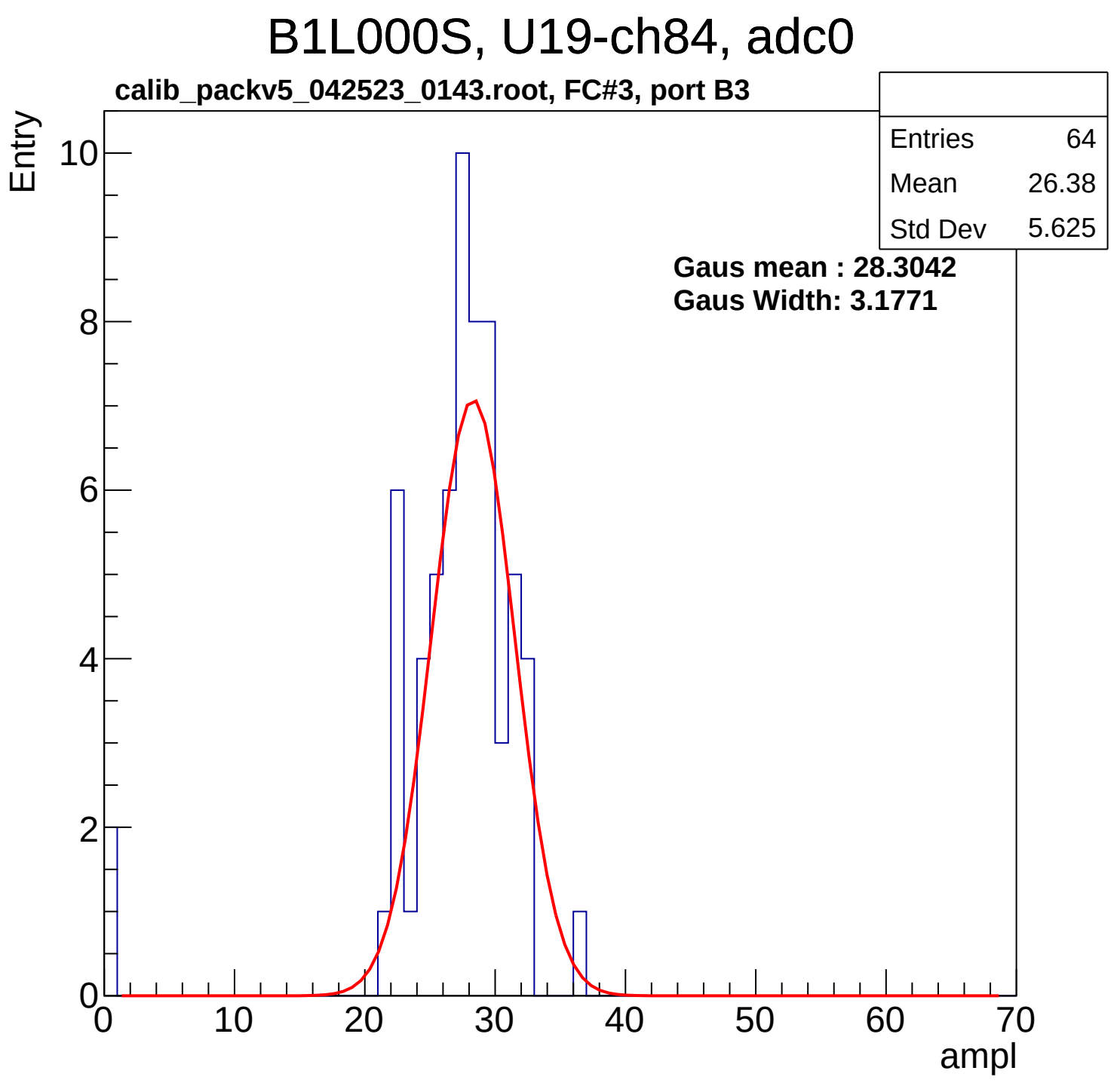
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch84, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 26.38
Std Dev 5.625
Gaus mean : 28.3042
Gaus Width: 3.1771
Entry
ampl
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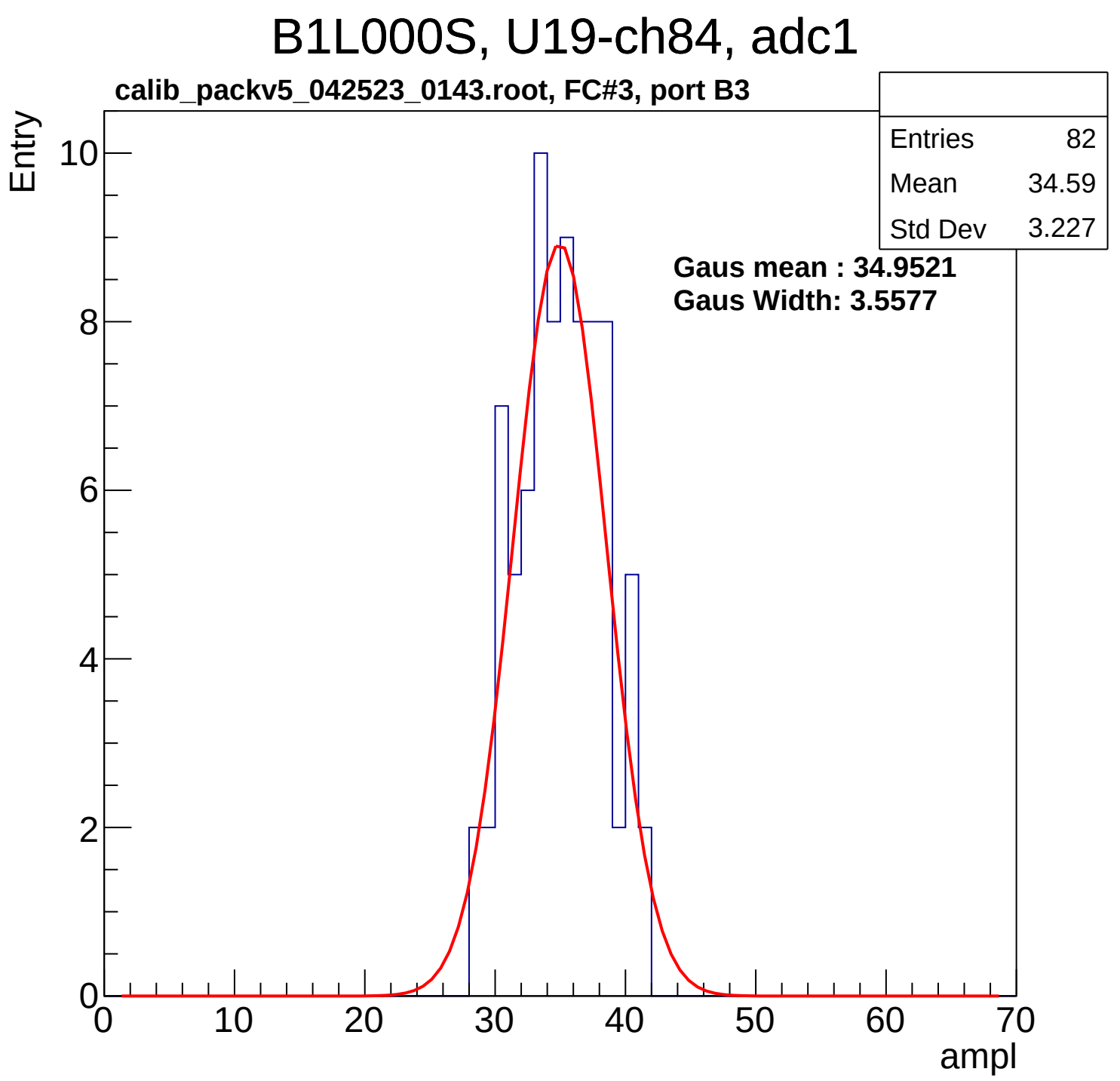
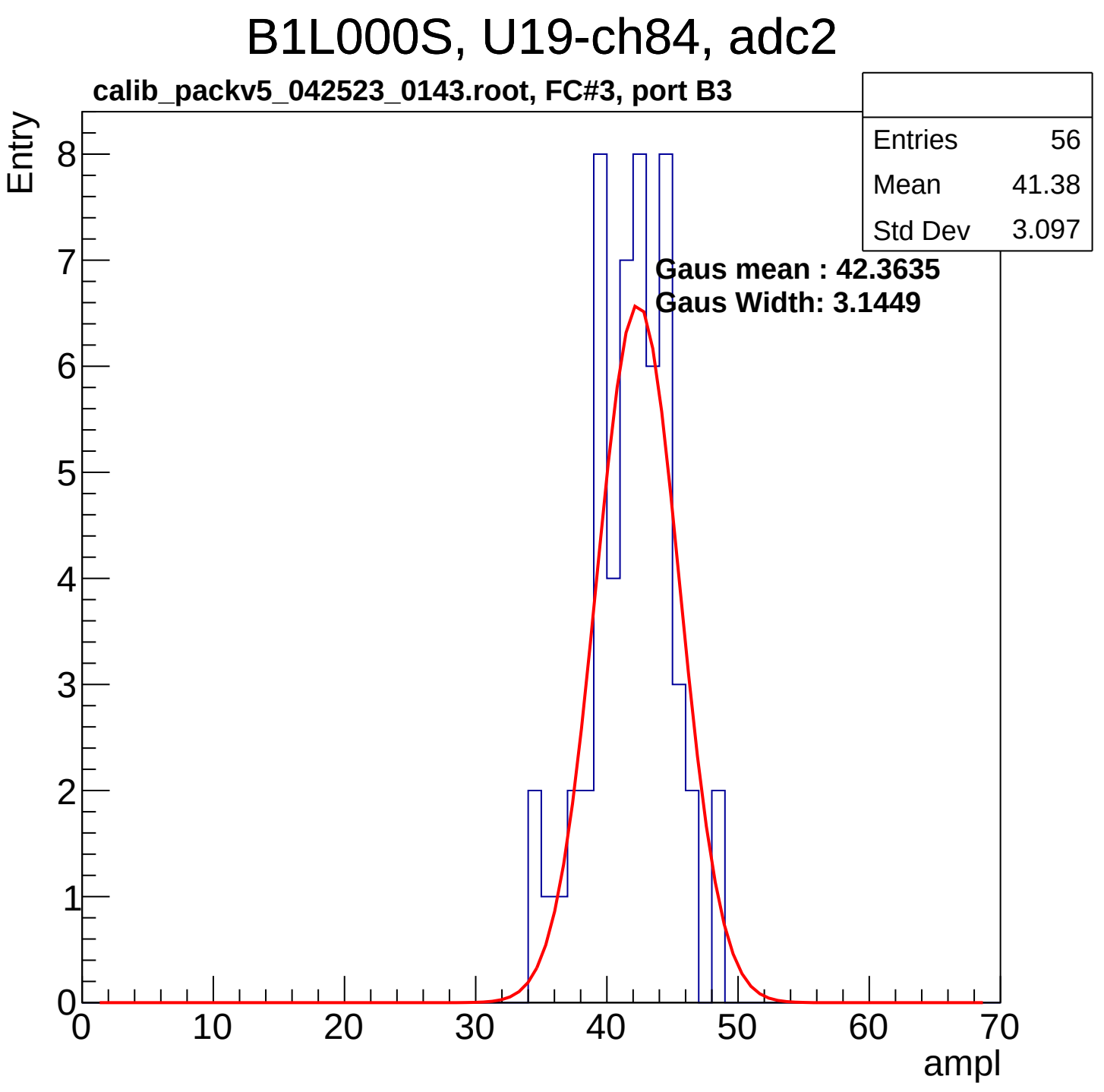
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch84, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 82
Mean 34.59
Std Dev 3.227
Gaus mean : 34.9521
Gaus Width: 3.5577
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch84, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 41.38
Std Dev 3.097
Gaus mean : 42.3635
Gaus Width: 3.1449
Entry
ampl
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2
3
4
5
6
7
8
0
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20
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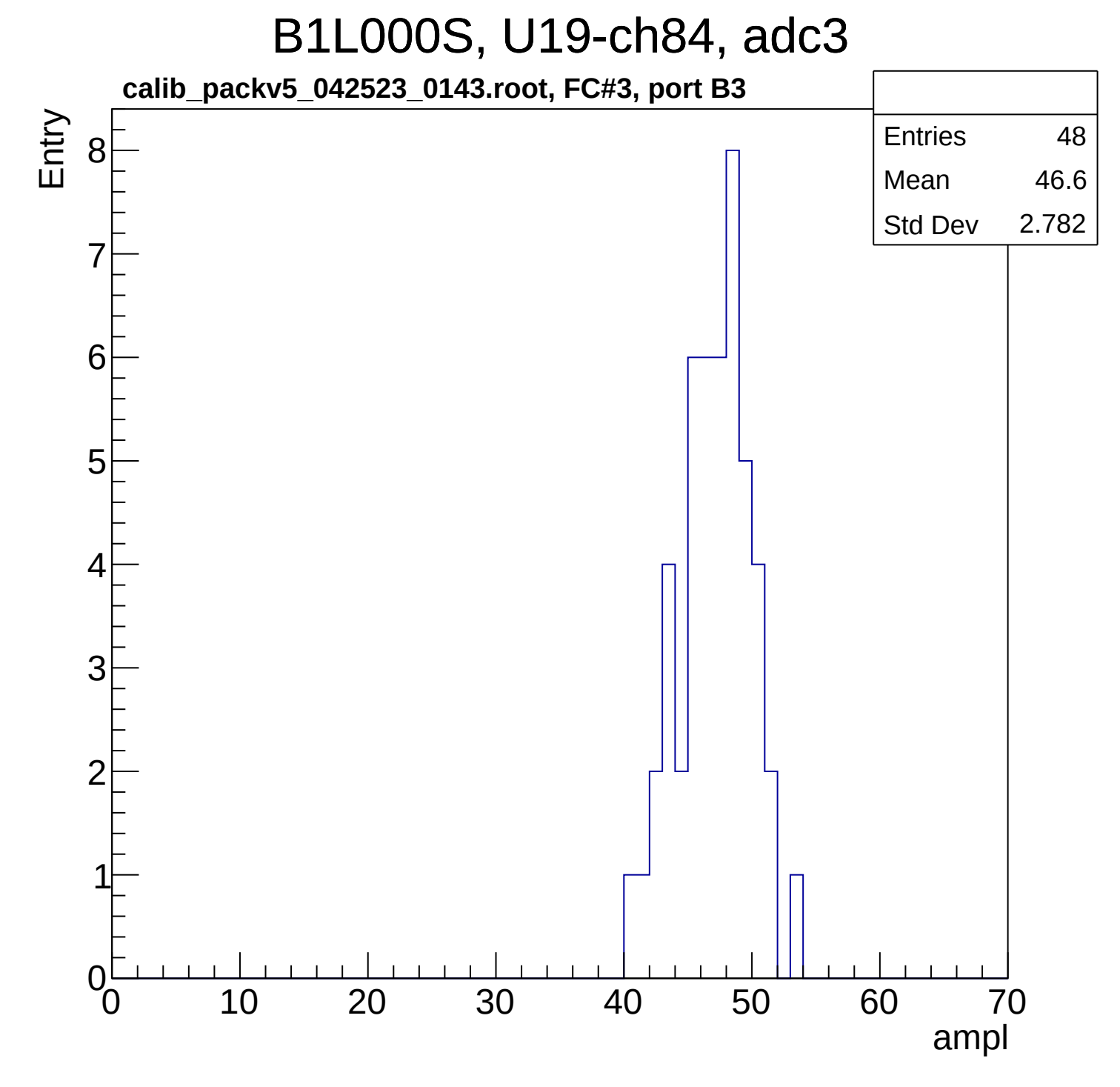
40
50
60
70


B1L000S, U19-ch84, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 46.6
Std Dev 2.782
Entry
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3
4
5
6
7
8
0
10
20
30
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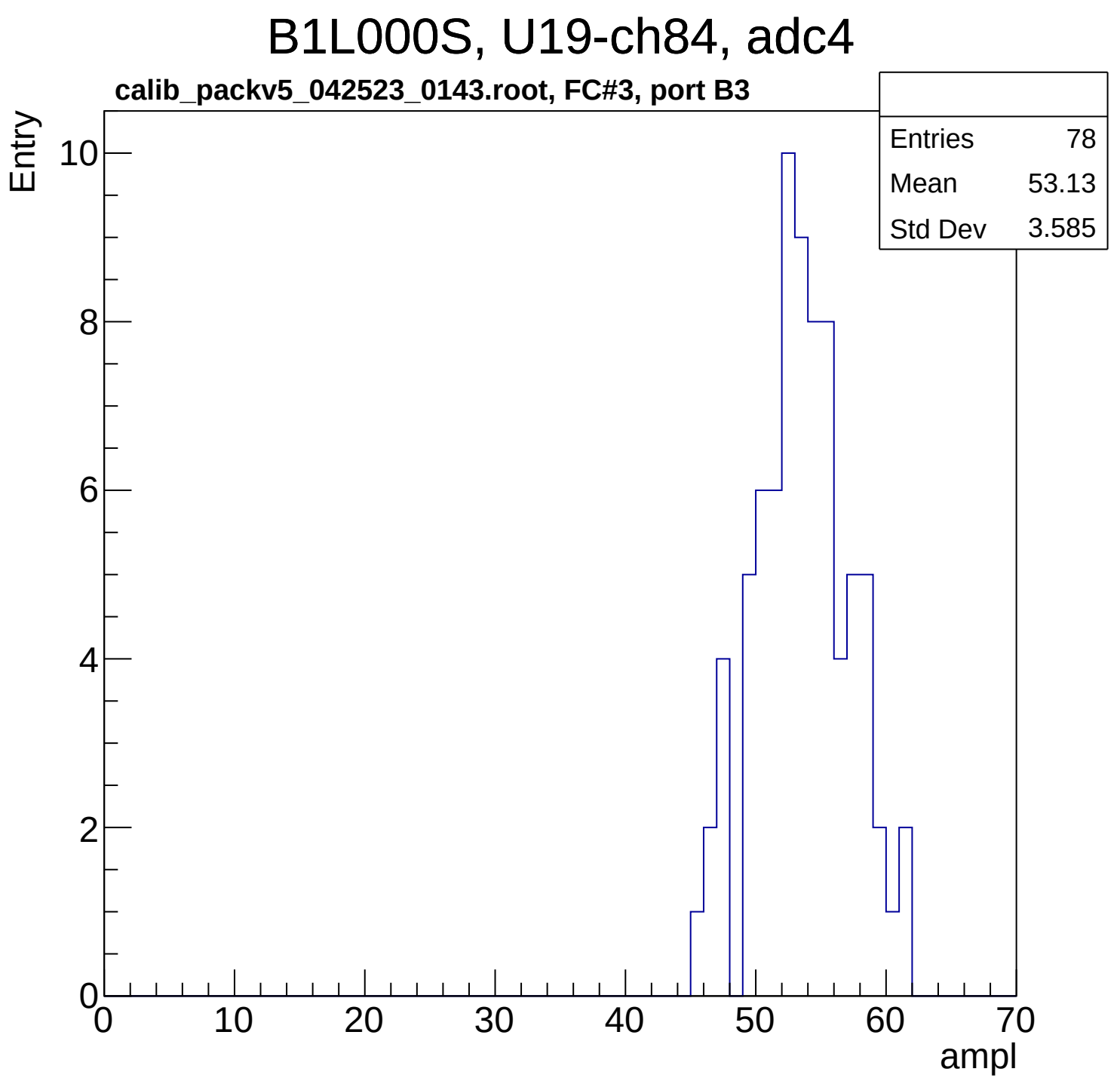
50
60
70
ampl


B1L000S, U19-ch84, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 53.13
Std Dev 3.585
Entry
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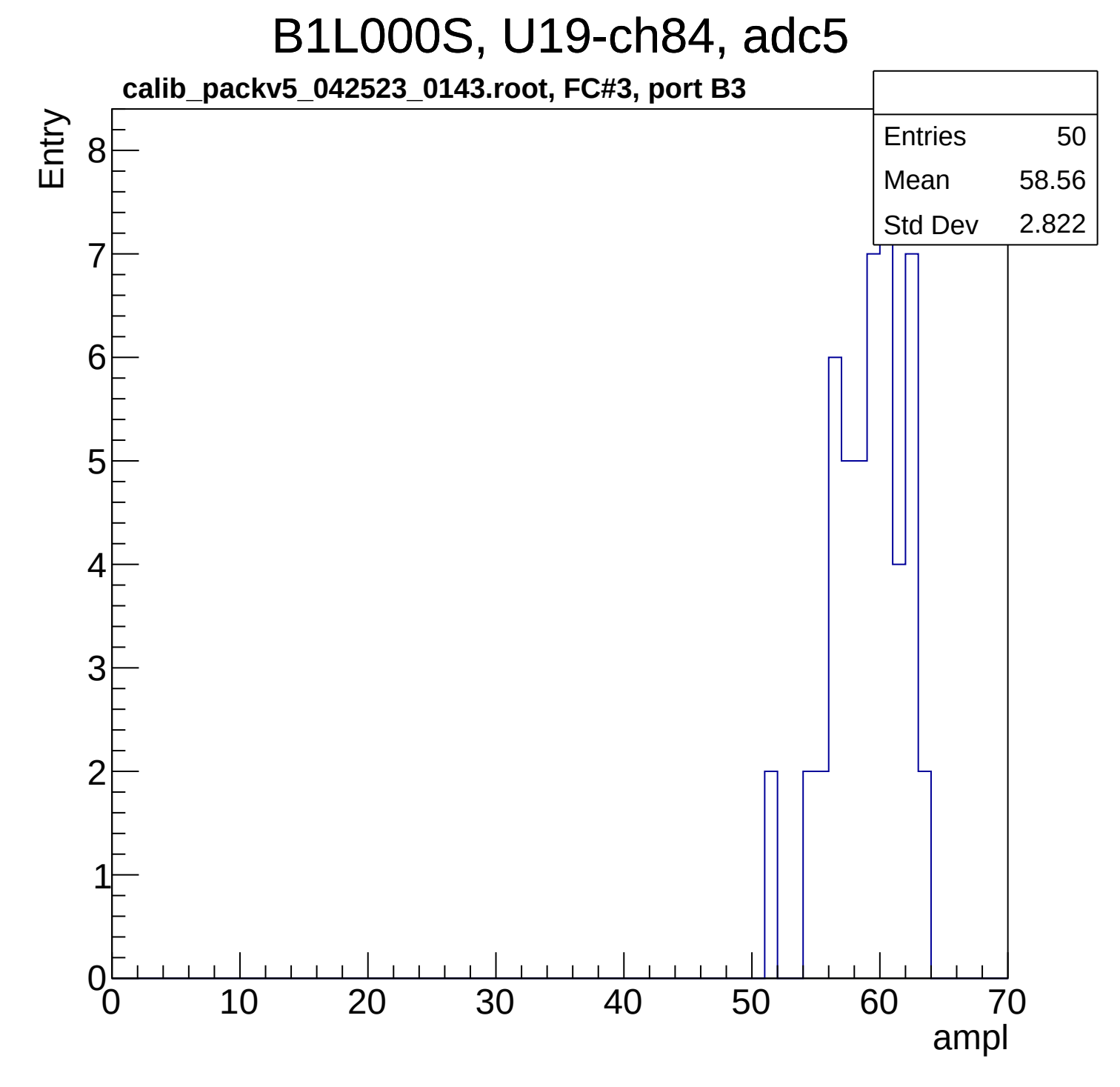
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch84, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 58.56
Std Dev 2.822
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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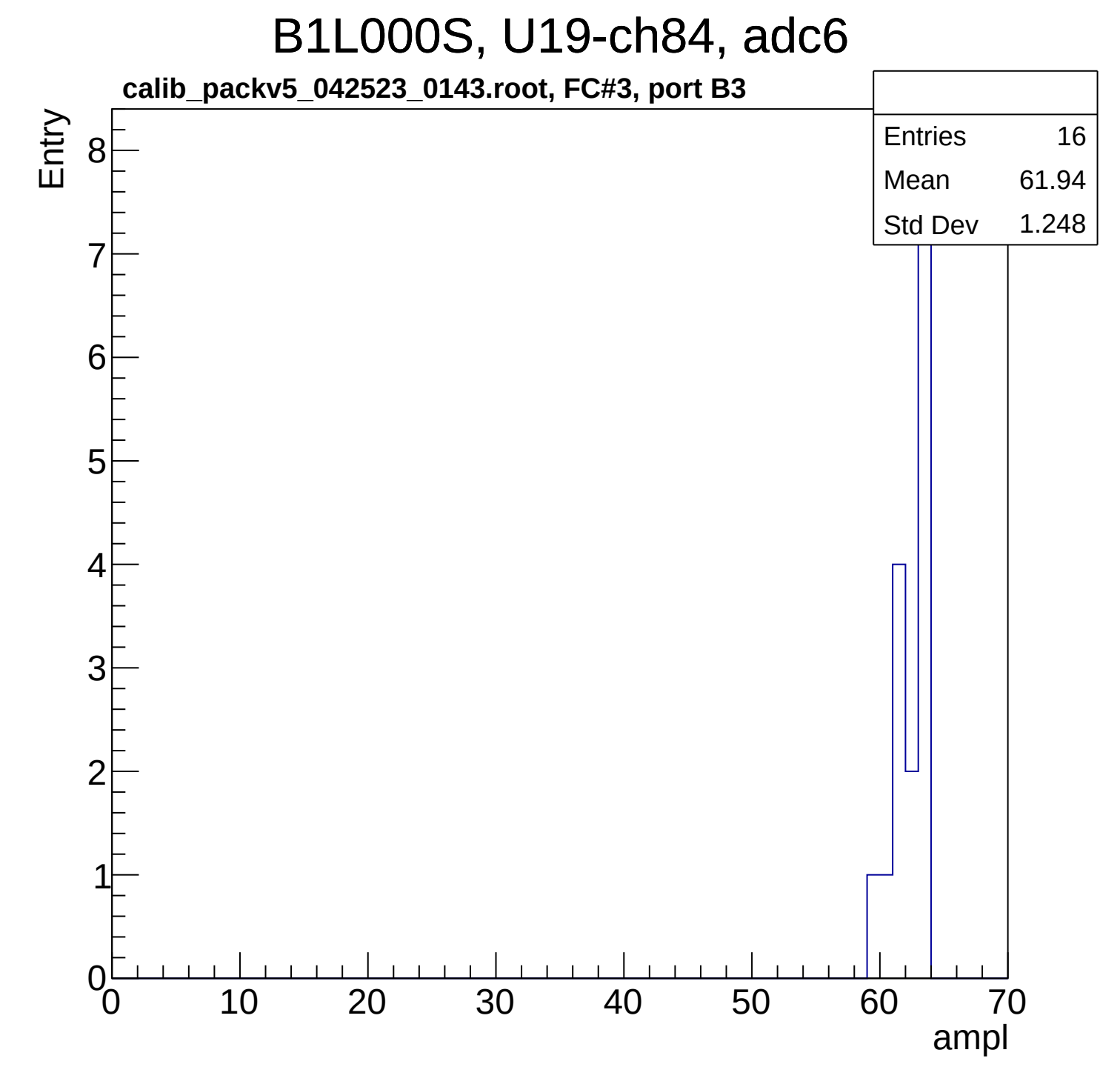
40
50
60
70


B1L000S, U19-ch84, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 61.94
Std Dev 1.248
Entry
ampl
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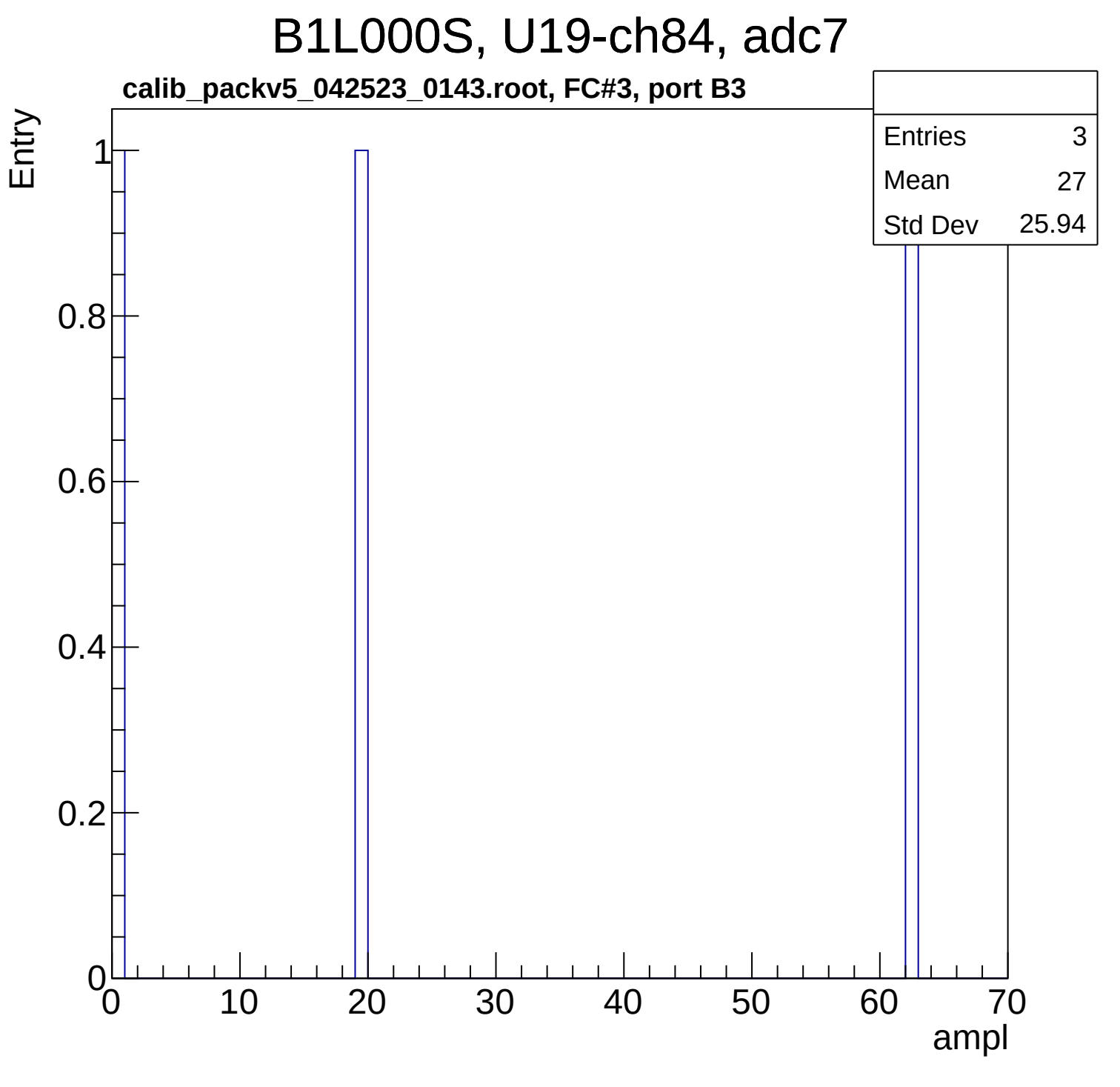
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch84, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 27
Std Dev 25.94
Entry
ampl
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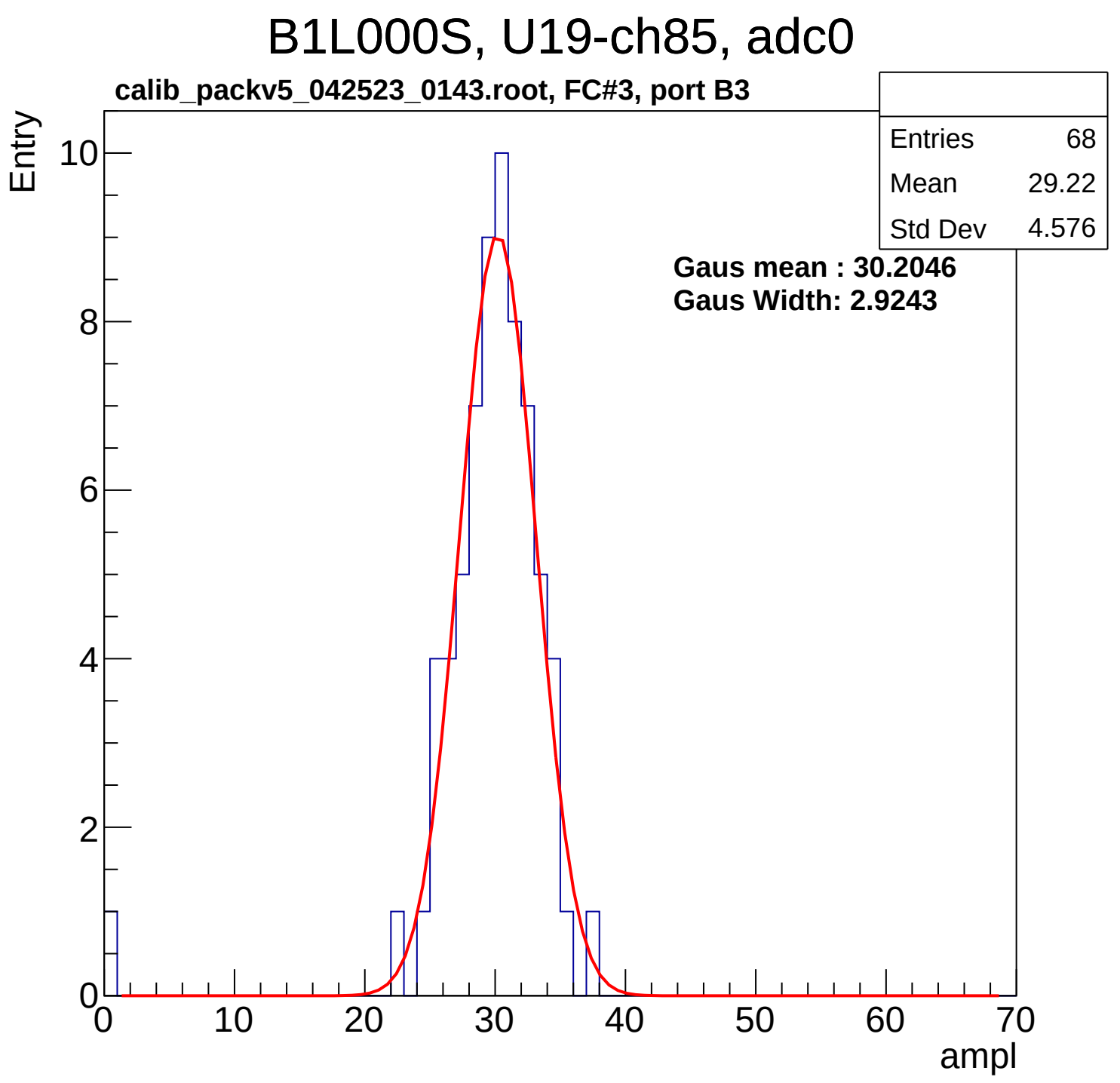
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L000S, U19-ch85, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 29.22
Std Dev 4.576
Gaus mean : 30.2046
Gaus Width: 2.9243
Entry
ampl
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2
4
6
8
10
0
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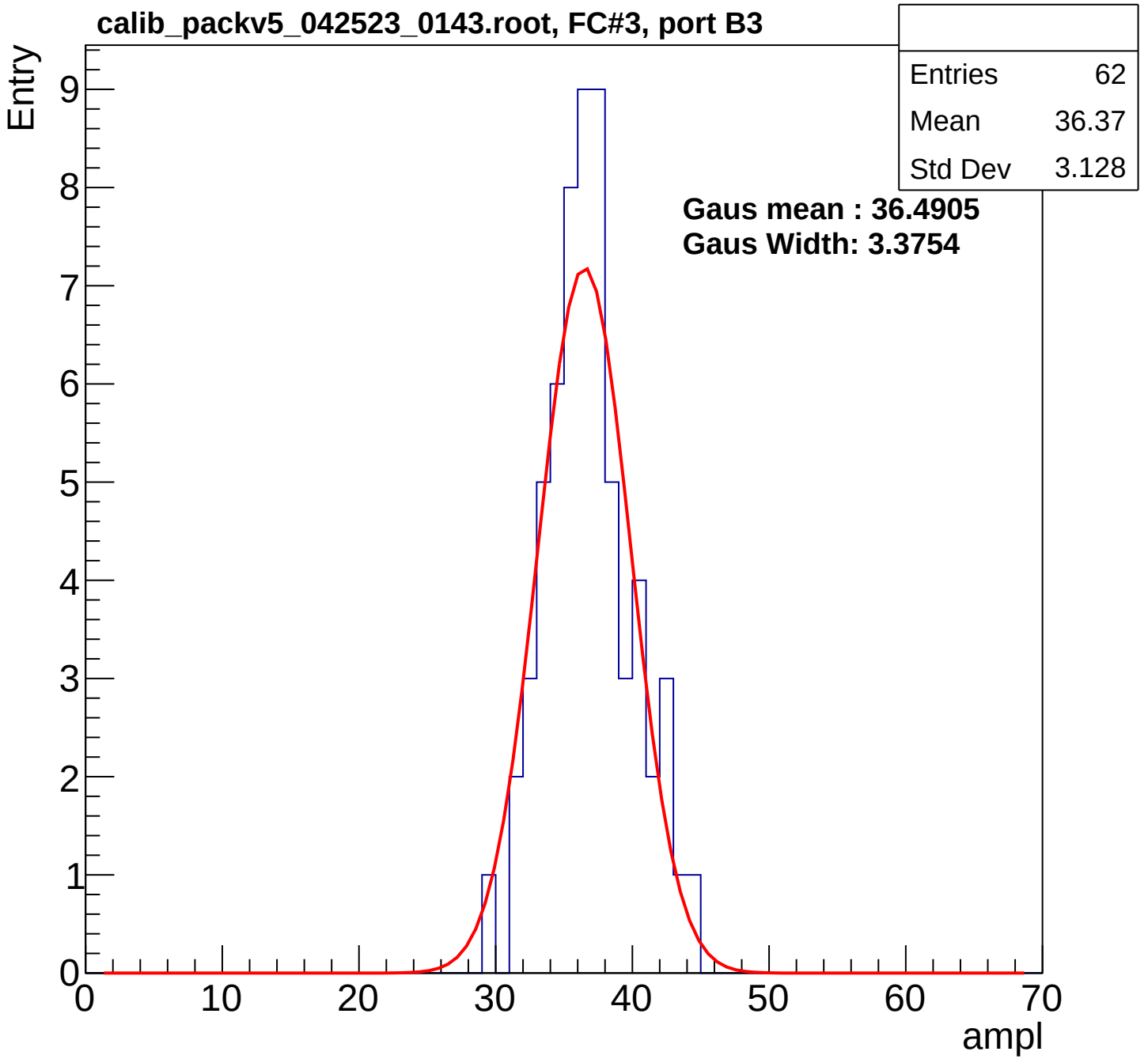
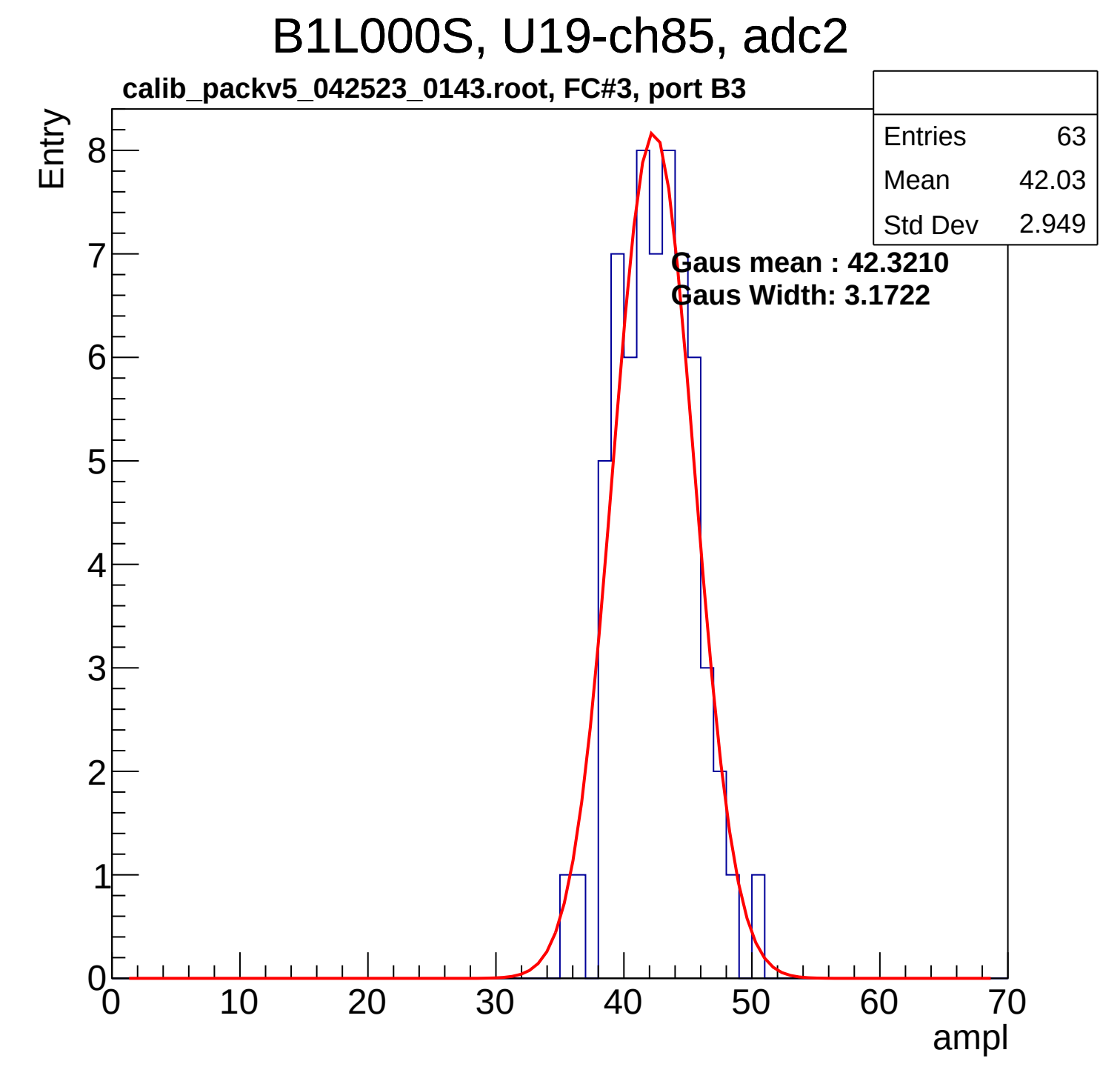
20
30
40
50
60
70


B1L000S, U19-ch85, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 36.37
Std Dev 3.128
Gaus mean : 36.4905
Gaus Width: 3.3754
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U19-ch85, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 42.03
Std Dev 2.949
Gaus mean : 42.3210
Gaus Width: 3.1722
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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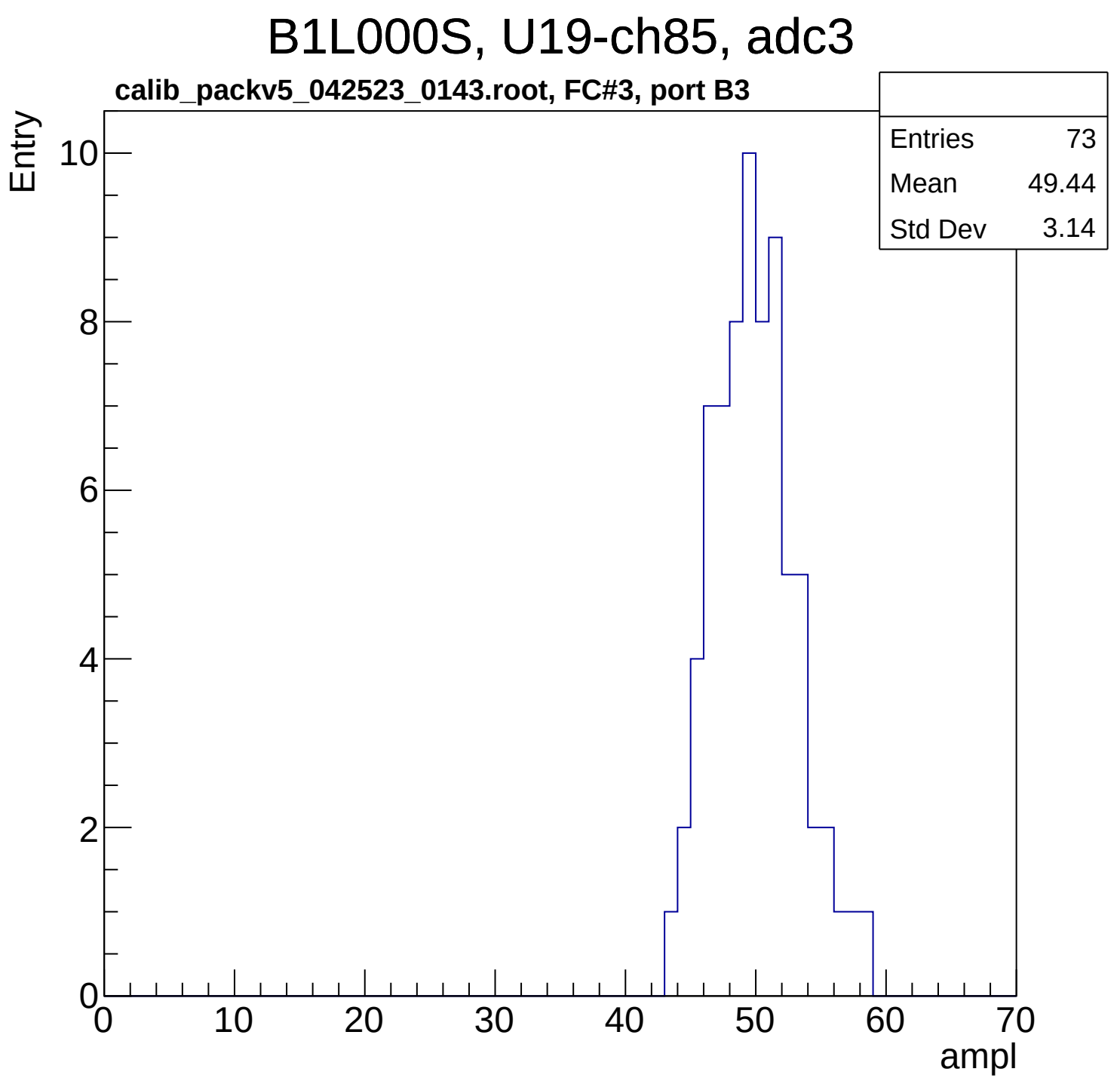
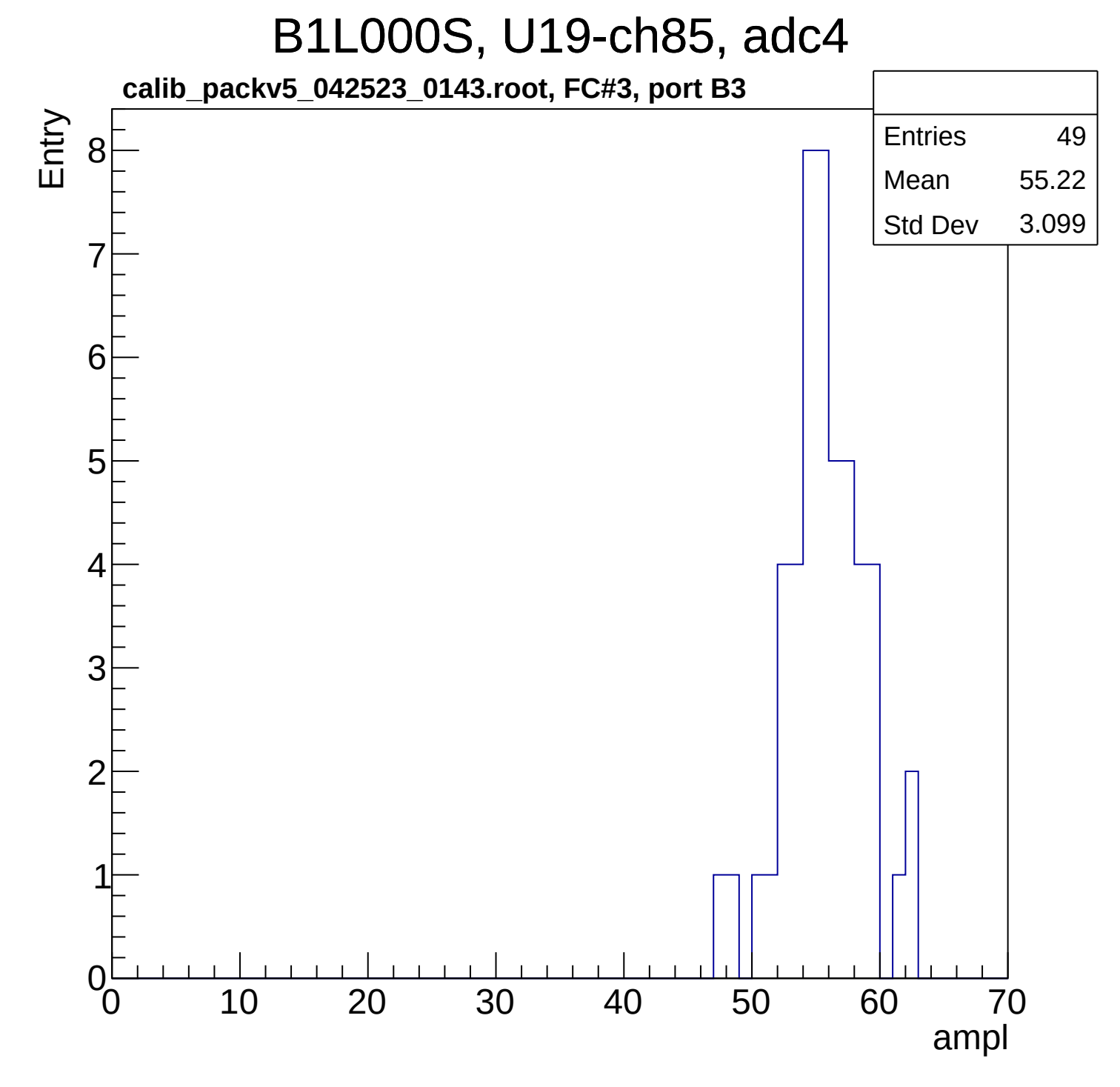

B1L000S, U19-ch85, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 49.44
Std Dev 3.14
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch85, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 55.22
Std Dev 3.099
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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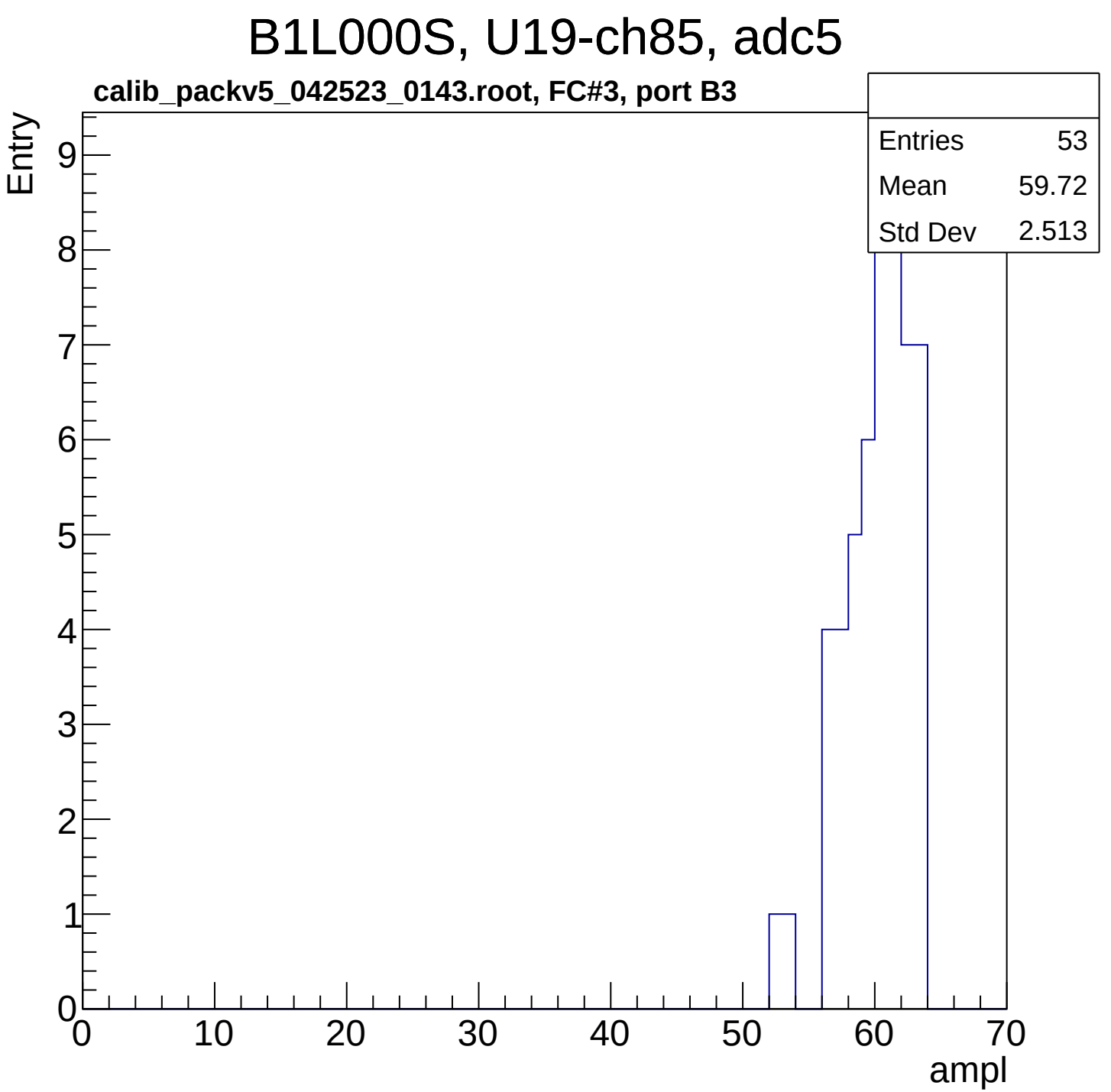
B1L000S, U19-ch85, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 59.72
Std Dev 2.513
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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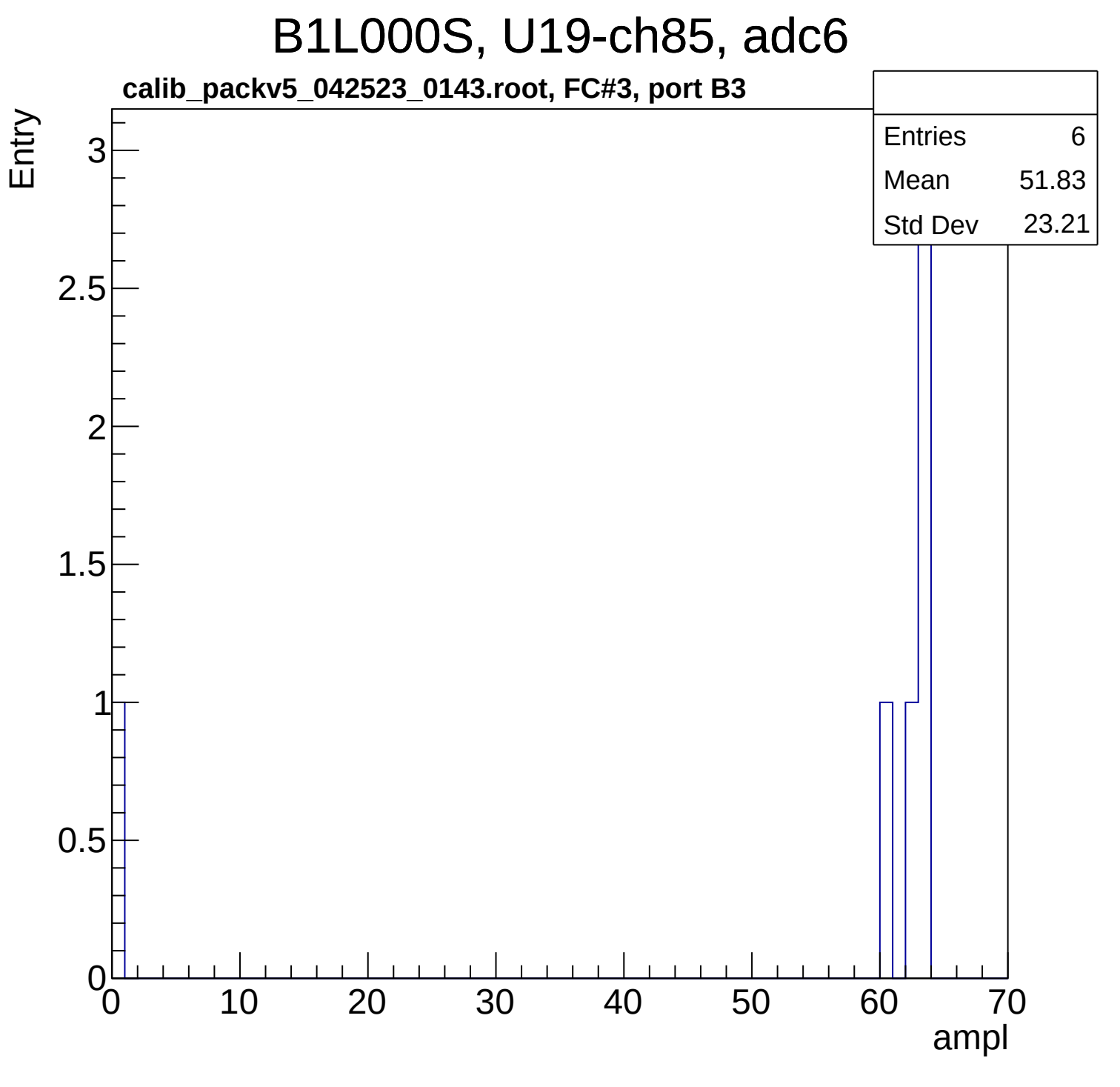
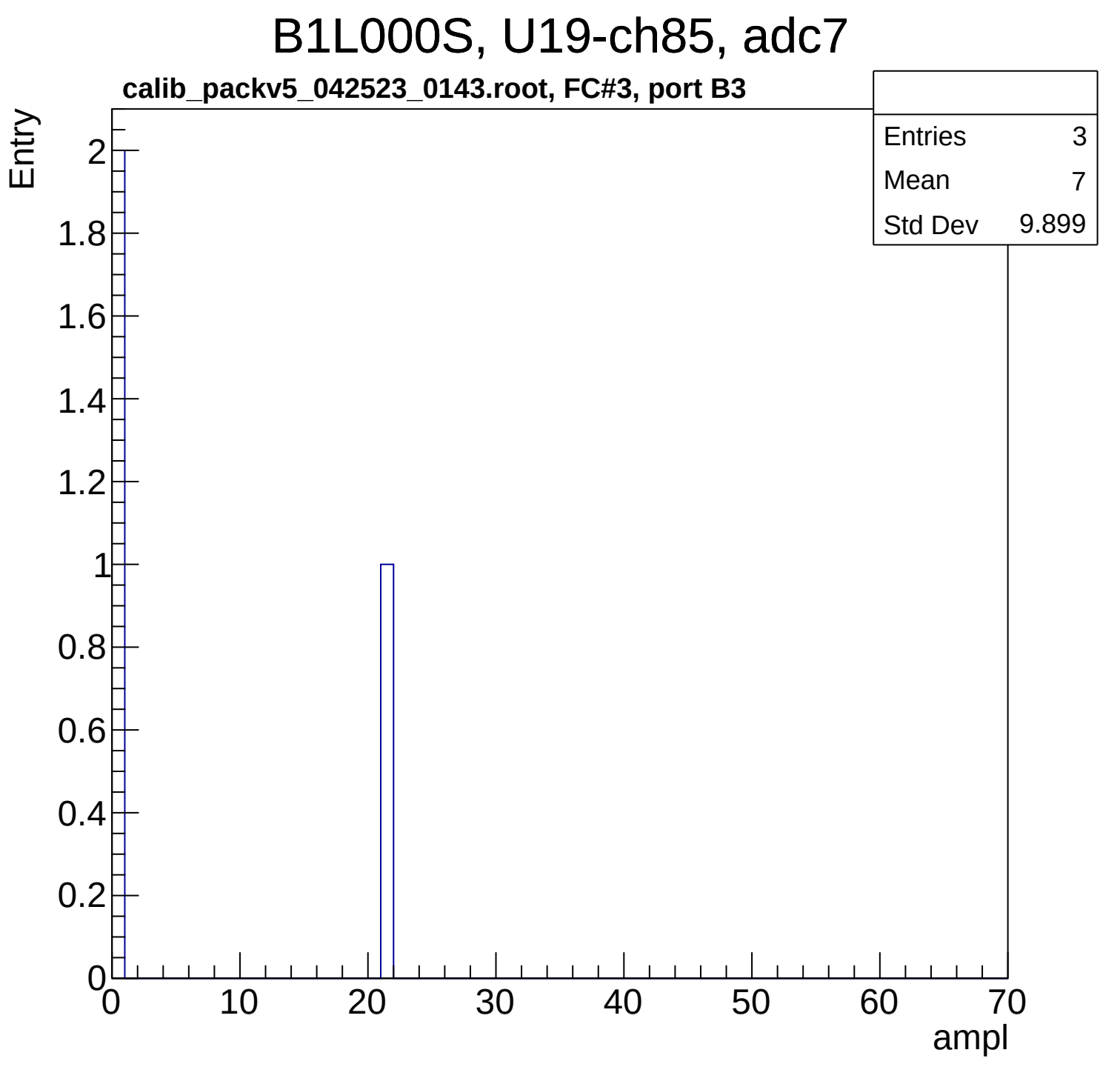

B1L000S, U19-ch85, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 51.83
Std Dev 23.21
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U19-ch85, 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
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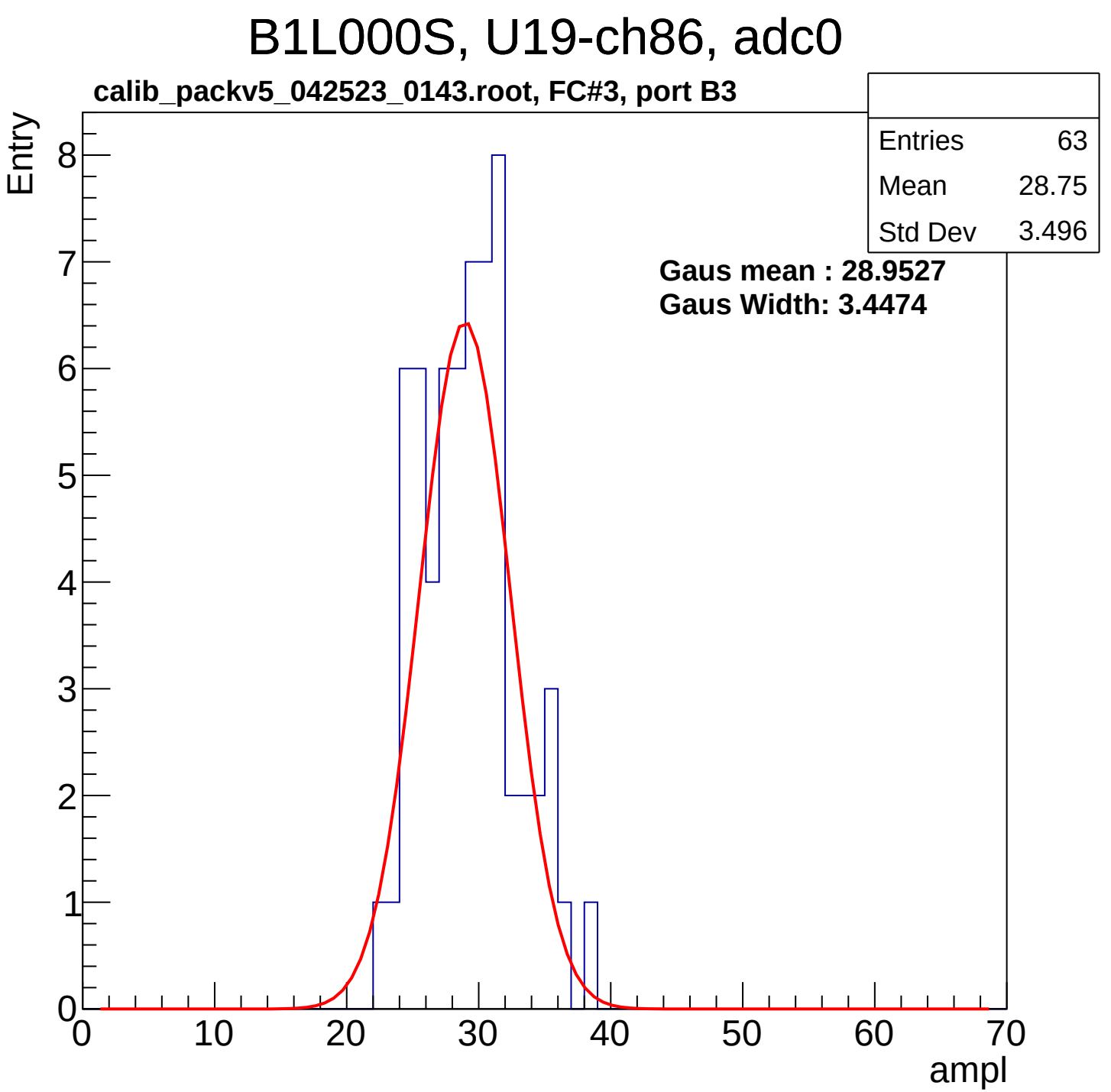
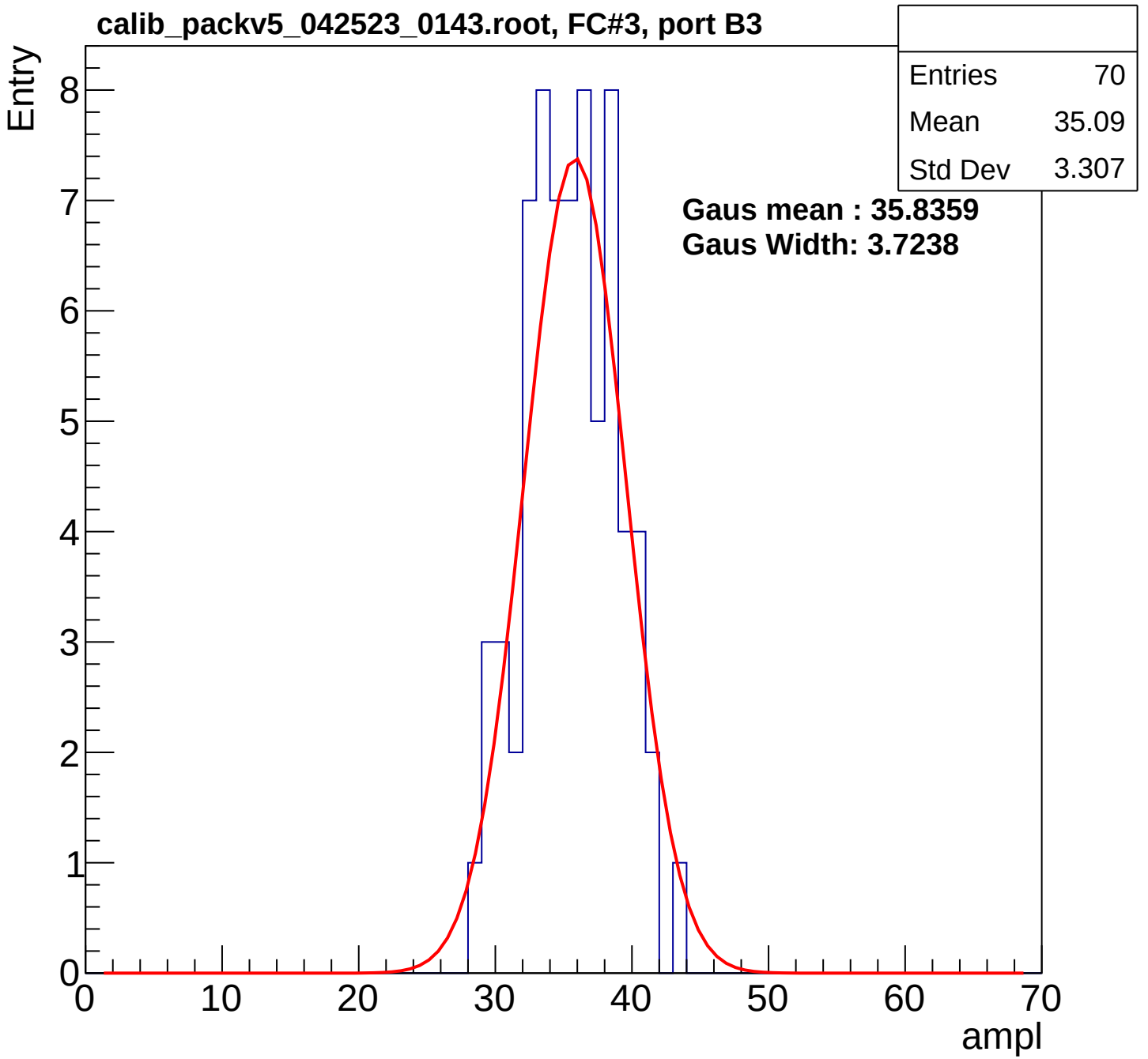
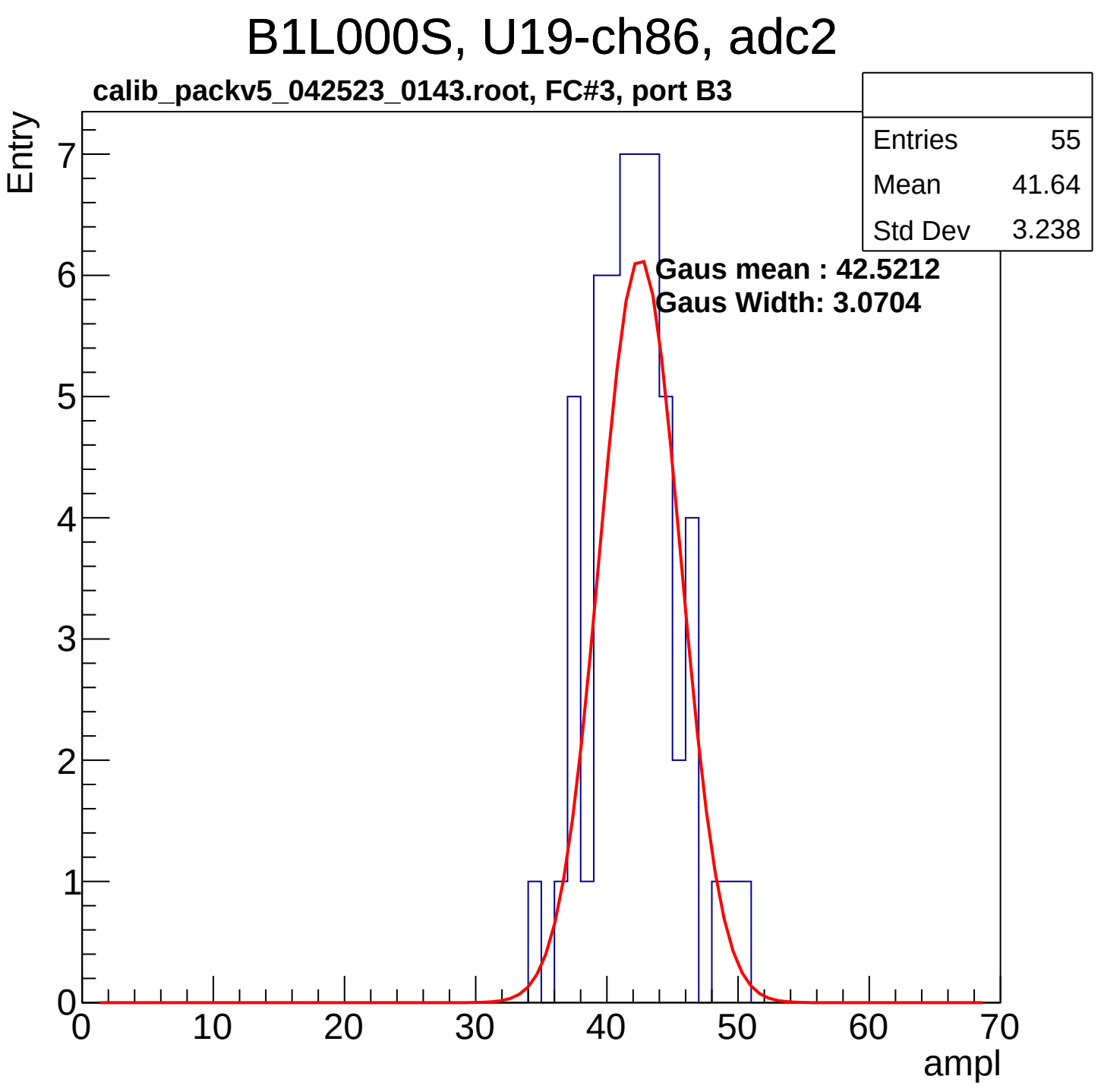
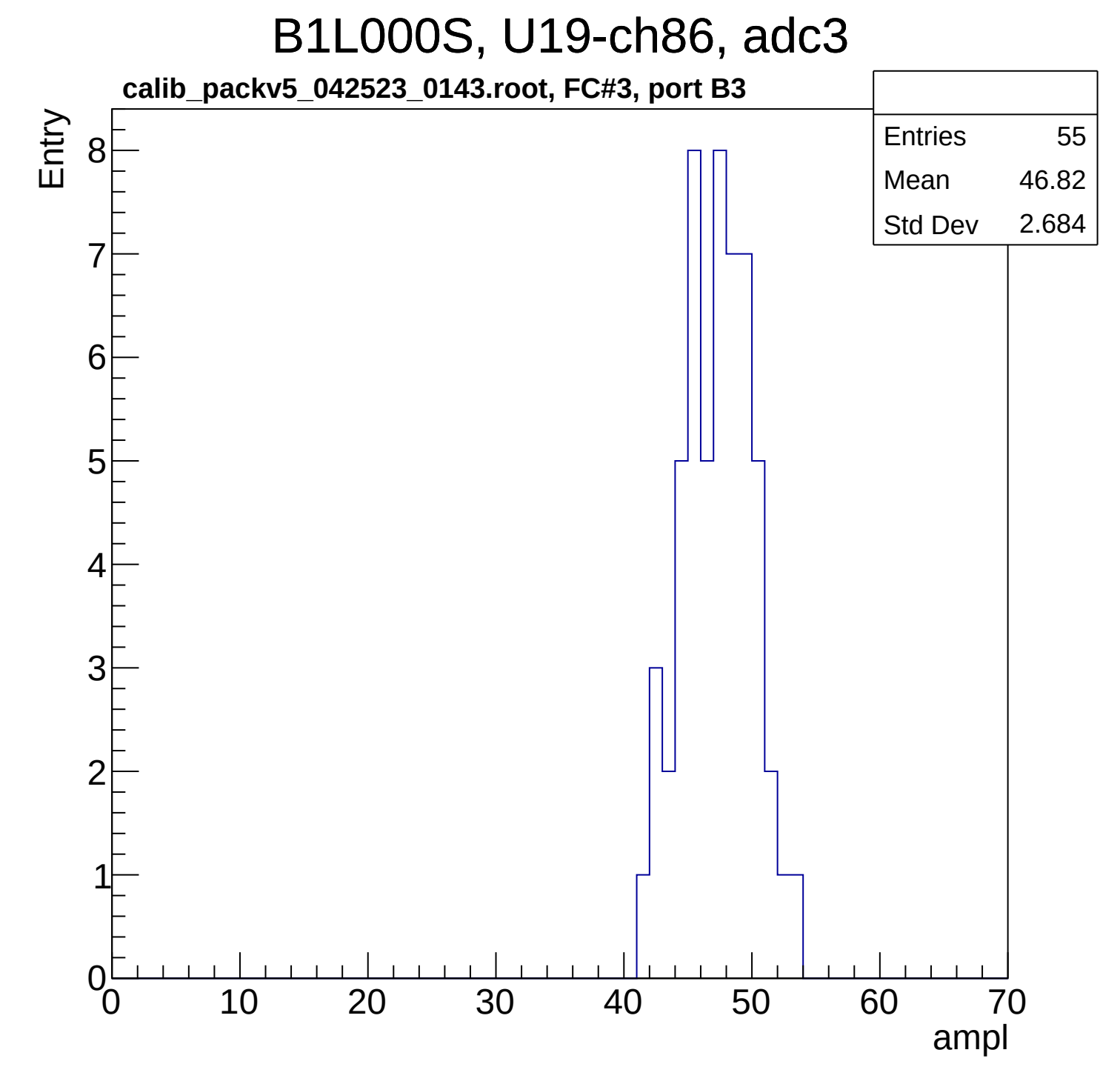
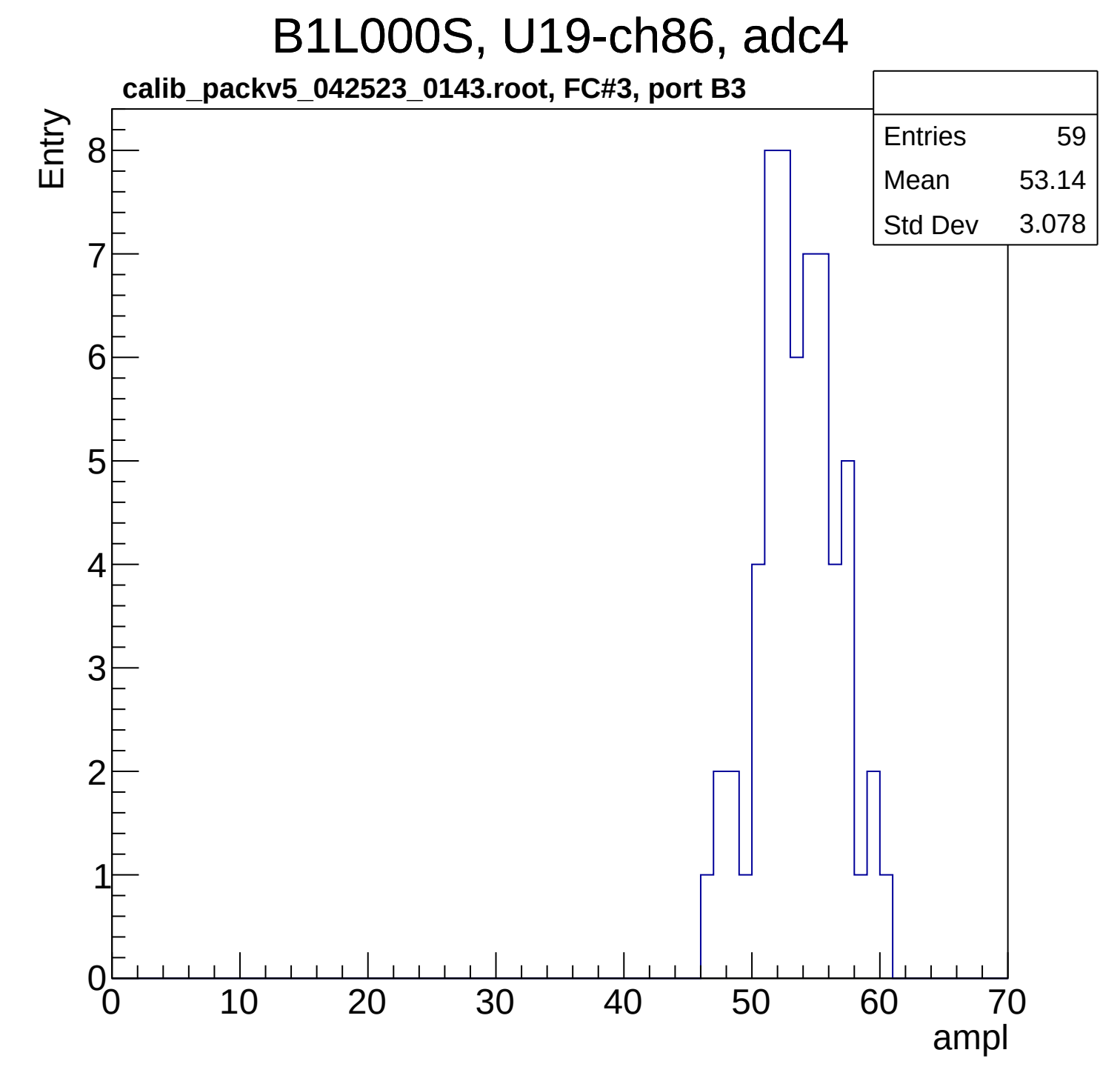
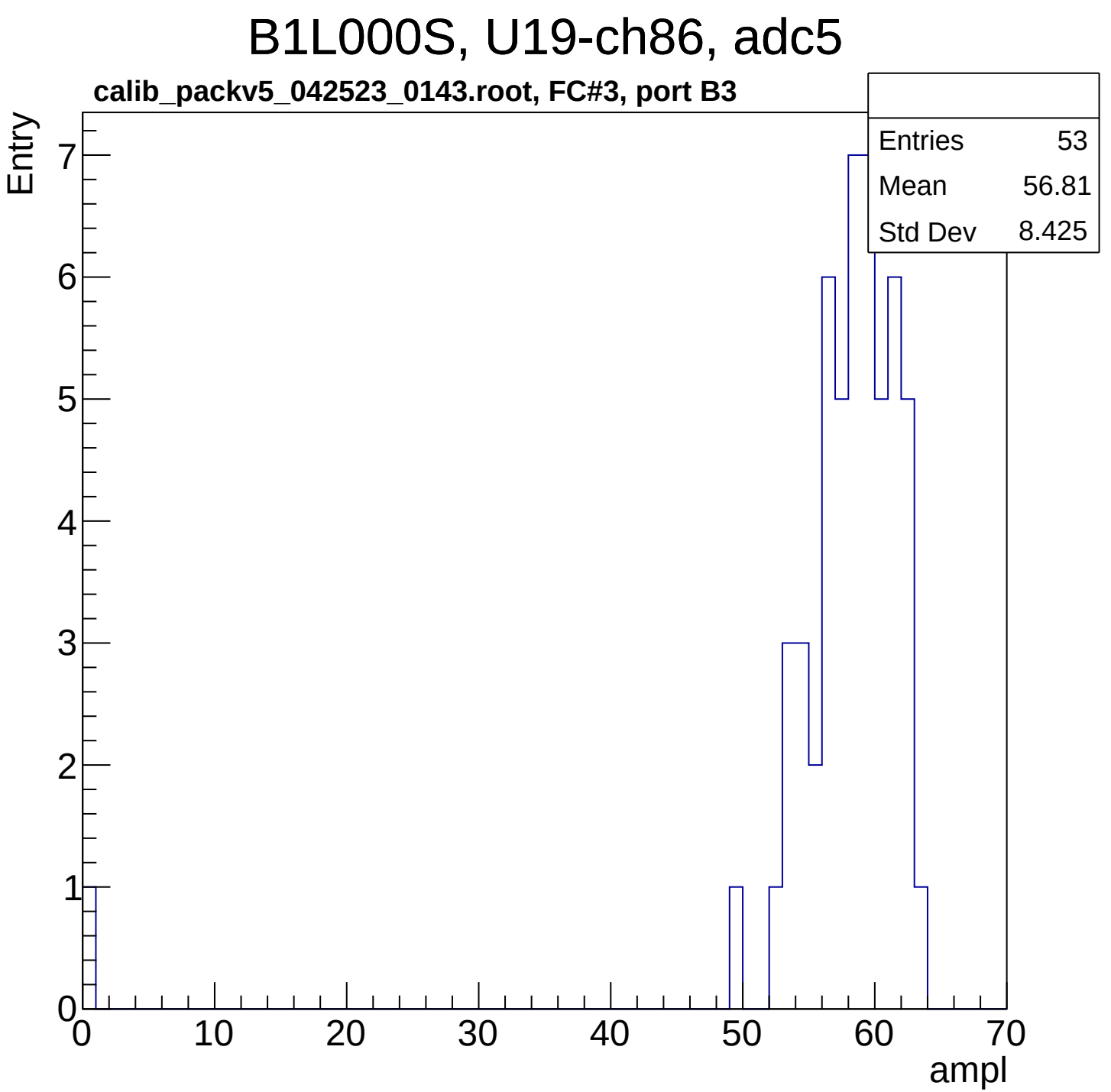

B1L000S, U19-ch86, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 28.75
Std Dev 3.496
Gaus mean : 28.9527
Gaus Width: 3.4474
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch86, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 35.09
Std Dev 3.307
Gaus mean : 35.8359
Gaus Width: 3.7238
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch86, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 41.64
Std Dev 3.238
Gaus mean : 42.5212
Gaus Width: 3.0704
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U19-ch86, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 46.82
Std Dev 2.684
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch86, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 53.14
Std Dev 3.078
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch86, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 56.81
Std Dev 8.425
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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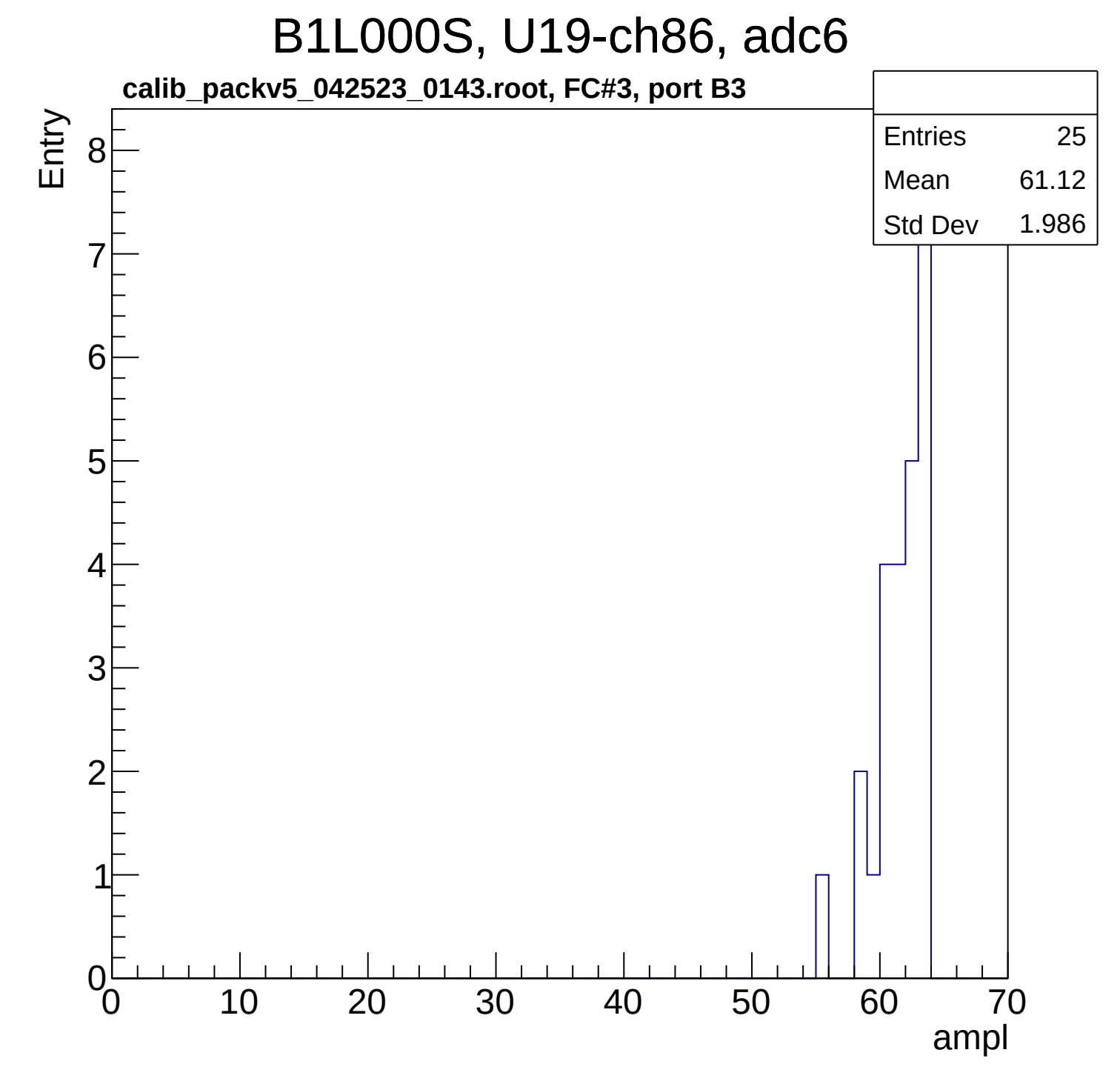
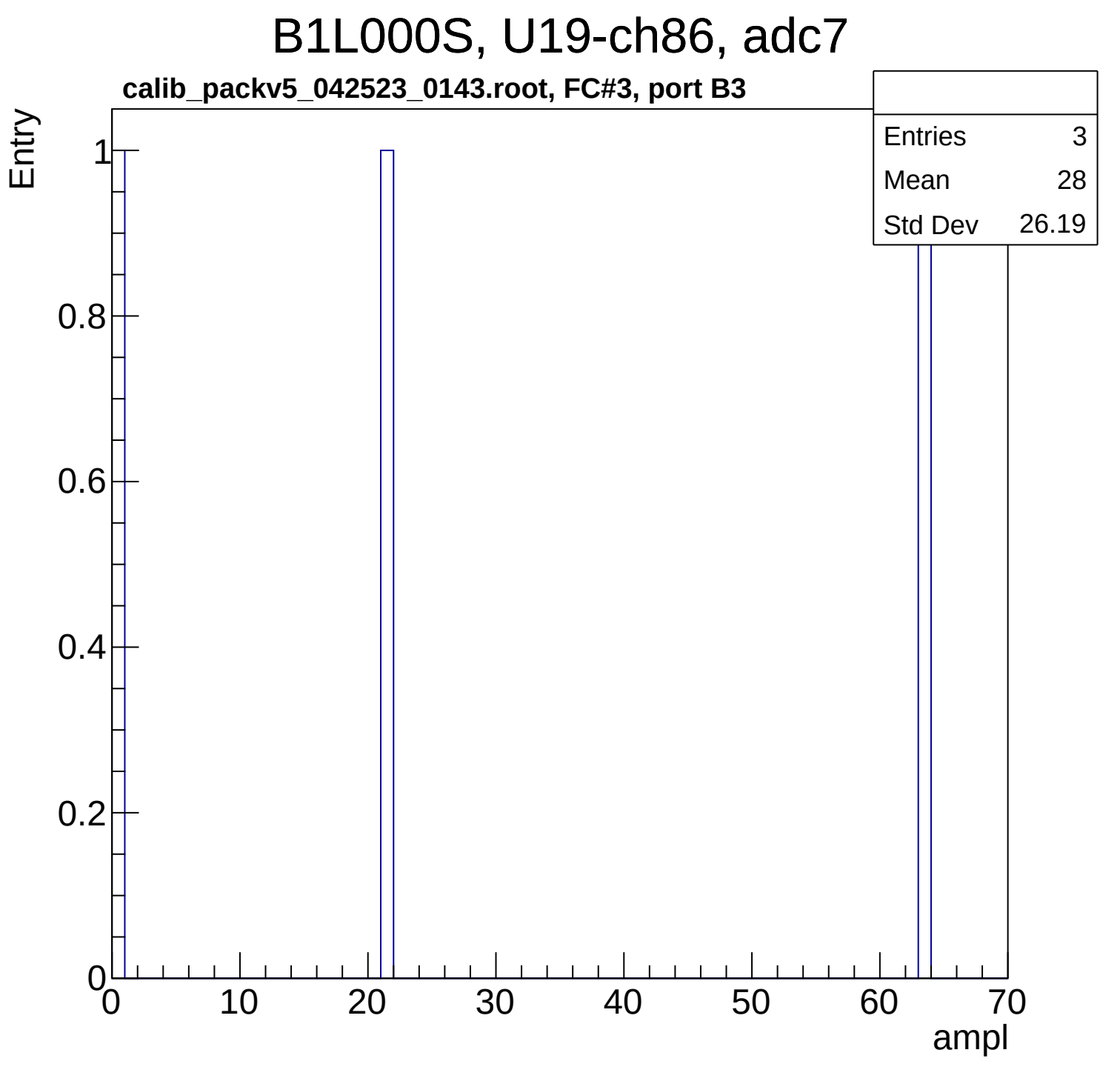
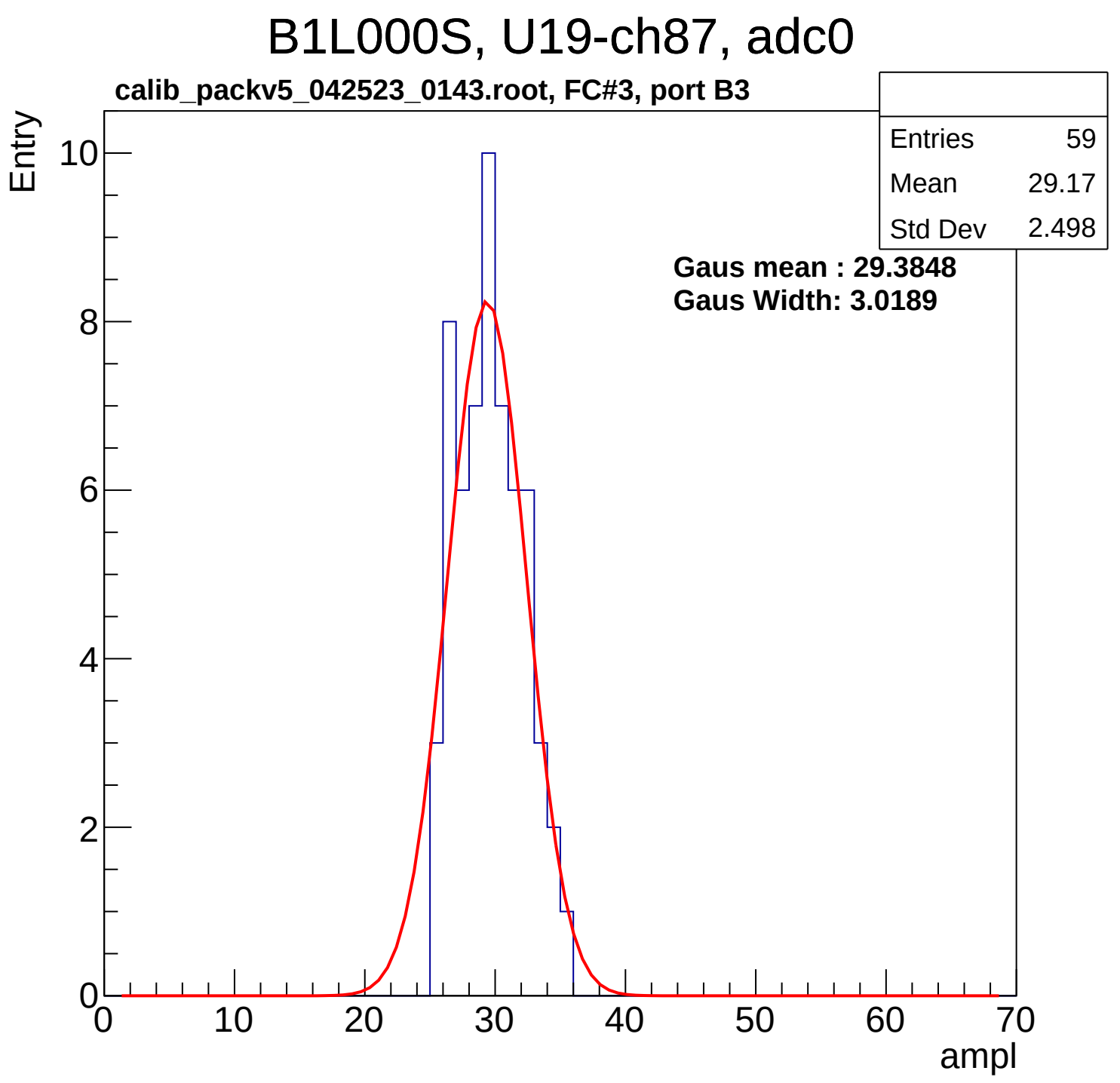
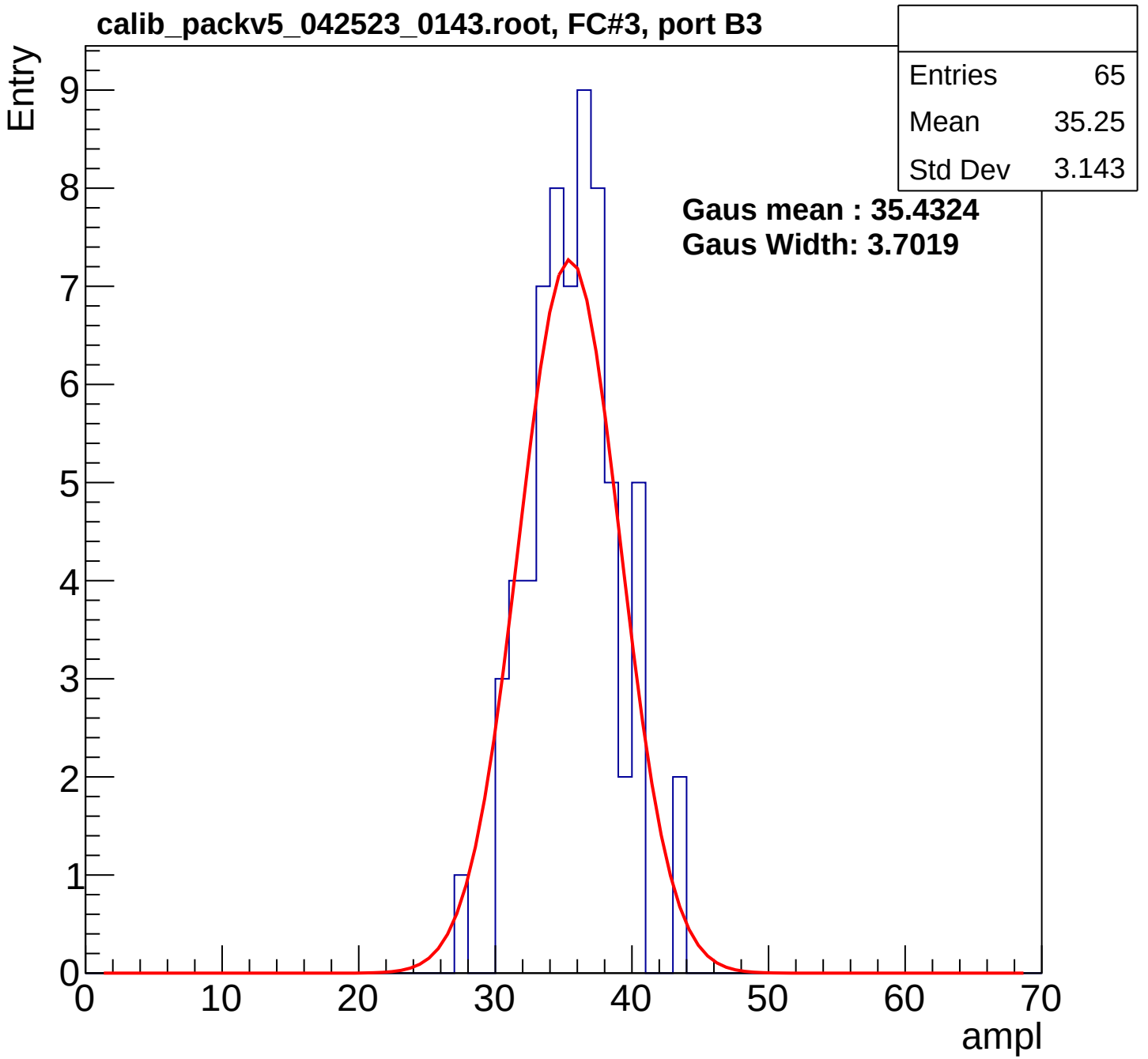

B1L000S, U19-ch86, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 25
Mean 61.12
Std Dev 1.986
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch86, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 28
Std Dev 26.19
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch87, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 29.17
Std Dev 2.498
Gaus mean : 29.3848
Gaus Width: 3.0189
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch87, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 35.25
Std Dev 3.143
Gaus mean : 35.4324
Gaus Width: 3.7019
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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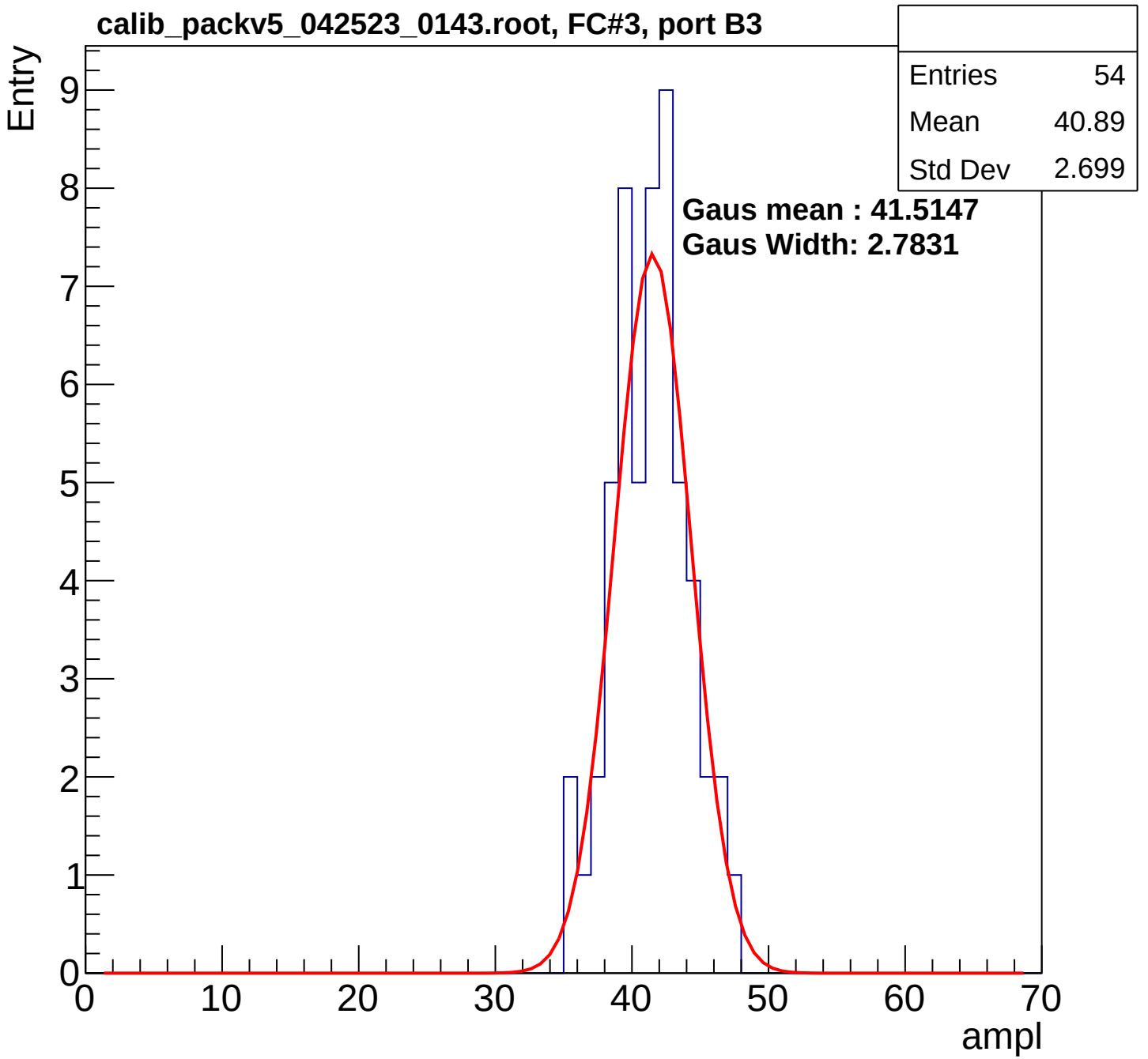
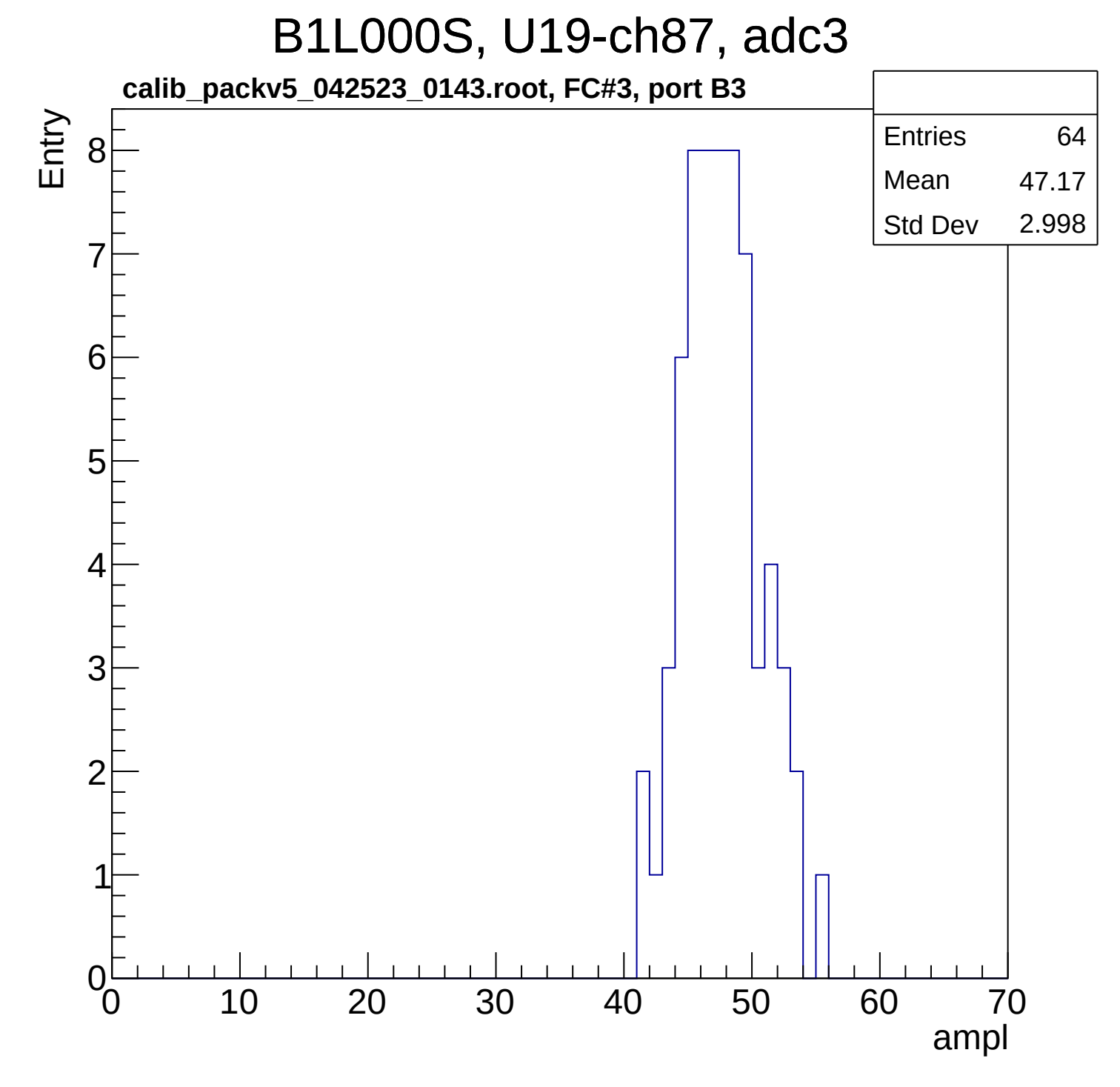

B1L000S, U19-ch87, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 40.89
Std Dev 2.699
Gaus mean : 41.5147
Gaus Width: 2.7831
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch87, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 47.17
Std Dev 2.998
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
50
60
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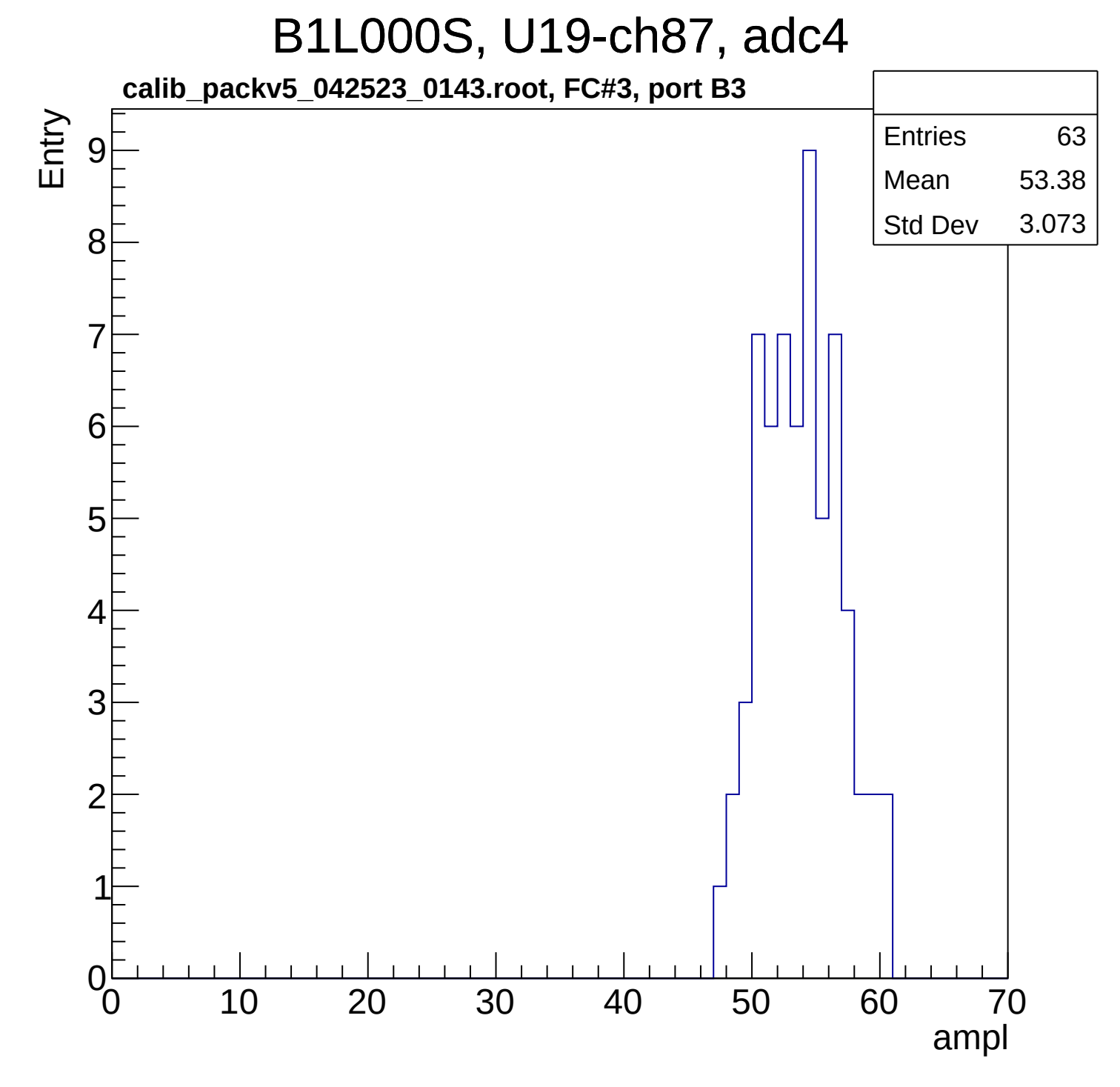
B1L000S, U19-ch87, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 53.38
Std Dev 3.073
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
30
40
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60
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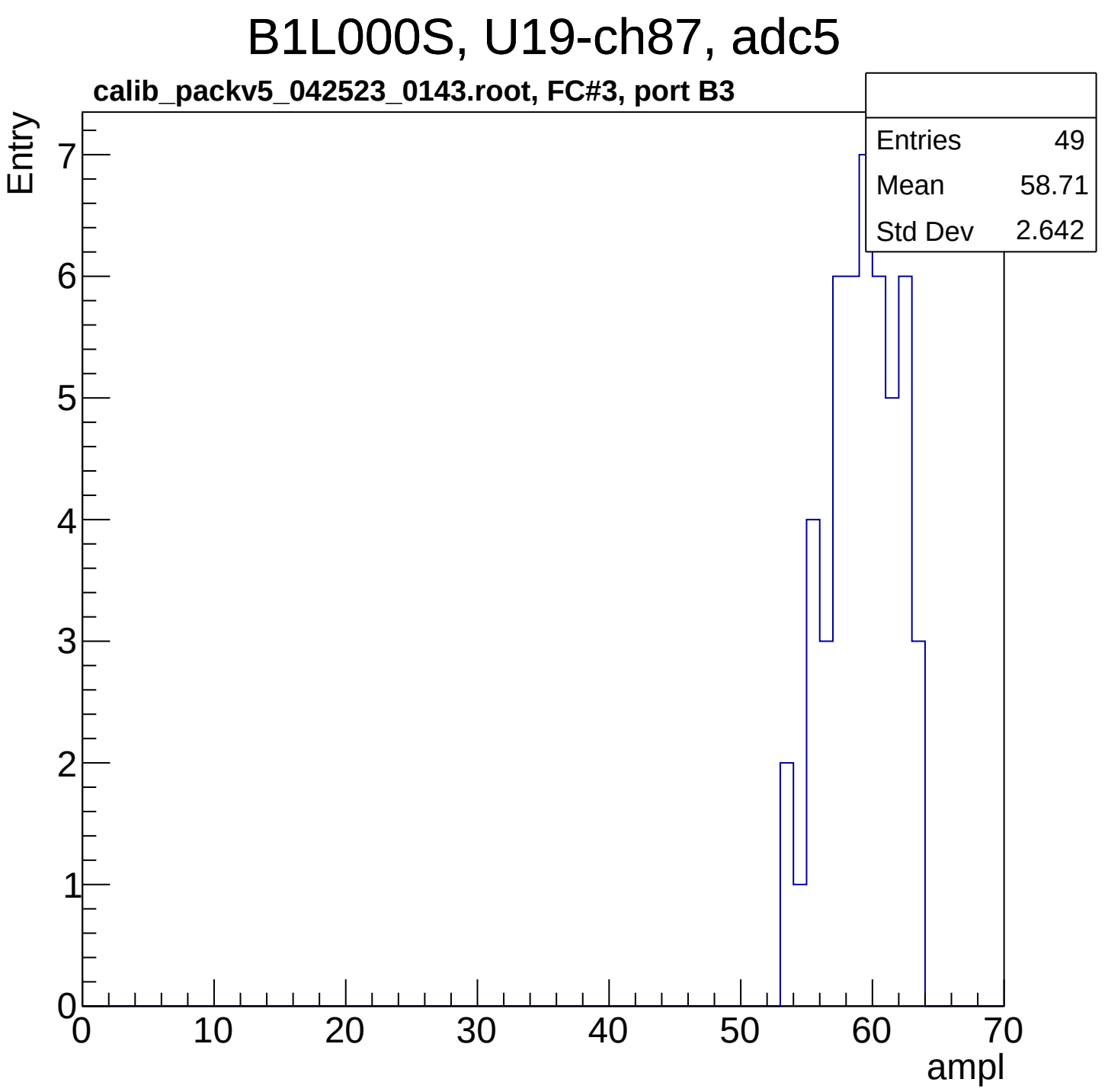
B1L000S, U19-ch87, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 58.71
Std Dev 2.642
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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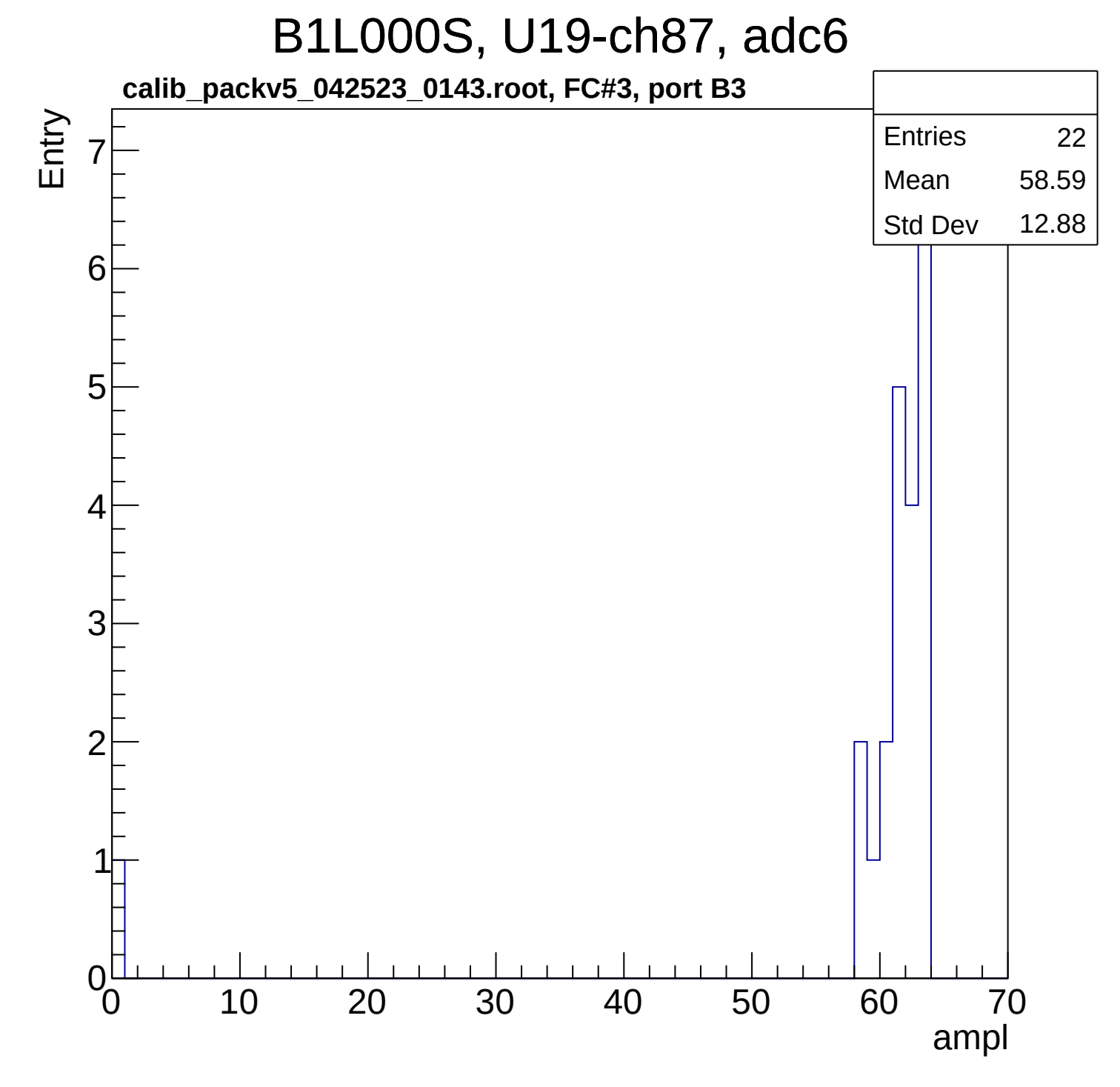
B1L000S, U19-ch87, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 22
Mean 58.59
Std Dev 12.88
Entry
ampl
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1
2
3
4
5
6
7
0
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40
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60
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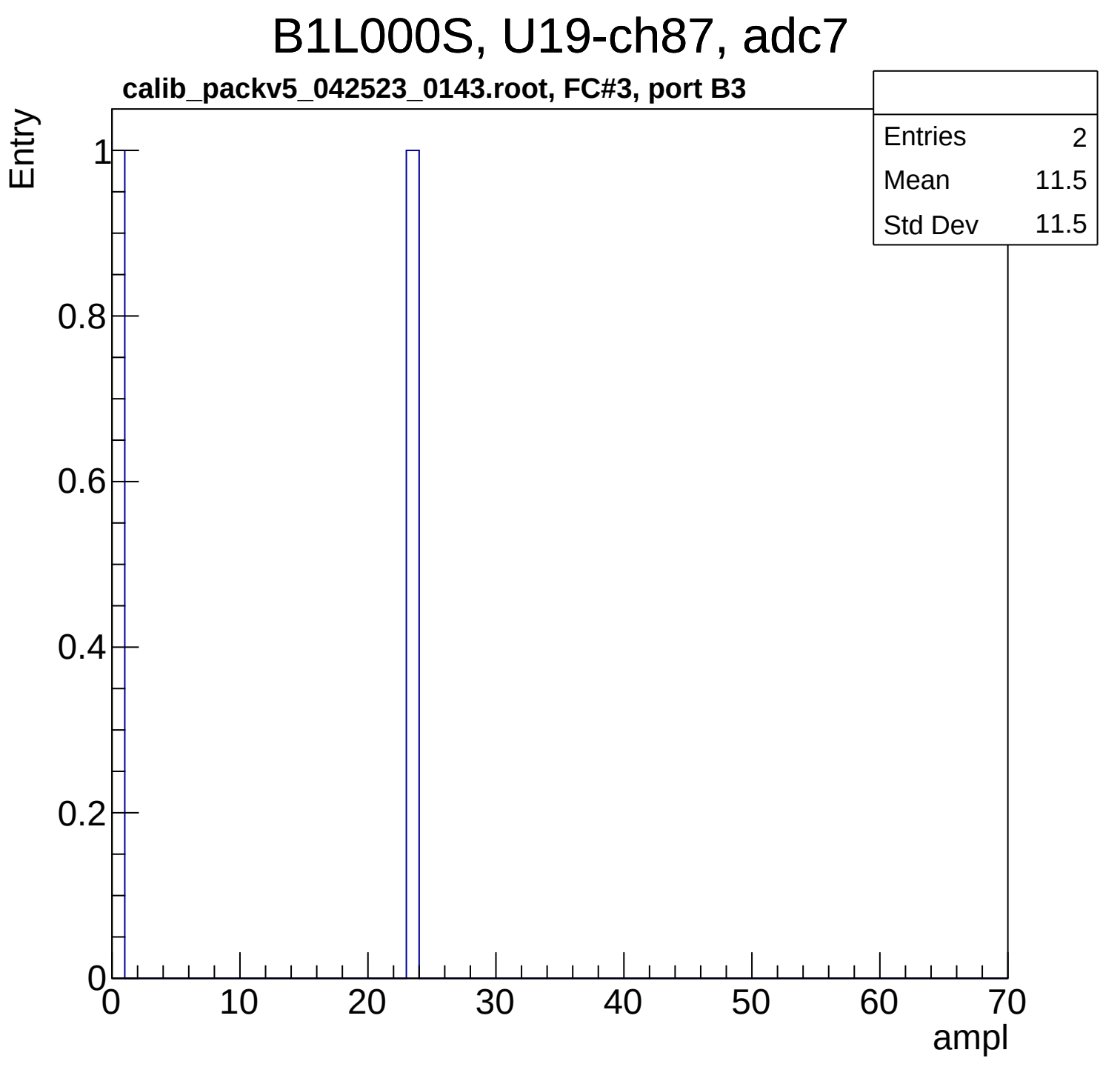
B1L000S, U19-ch87, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 11.5
Std Dev 11.5
Entry
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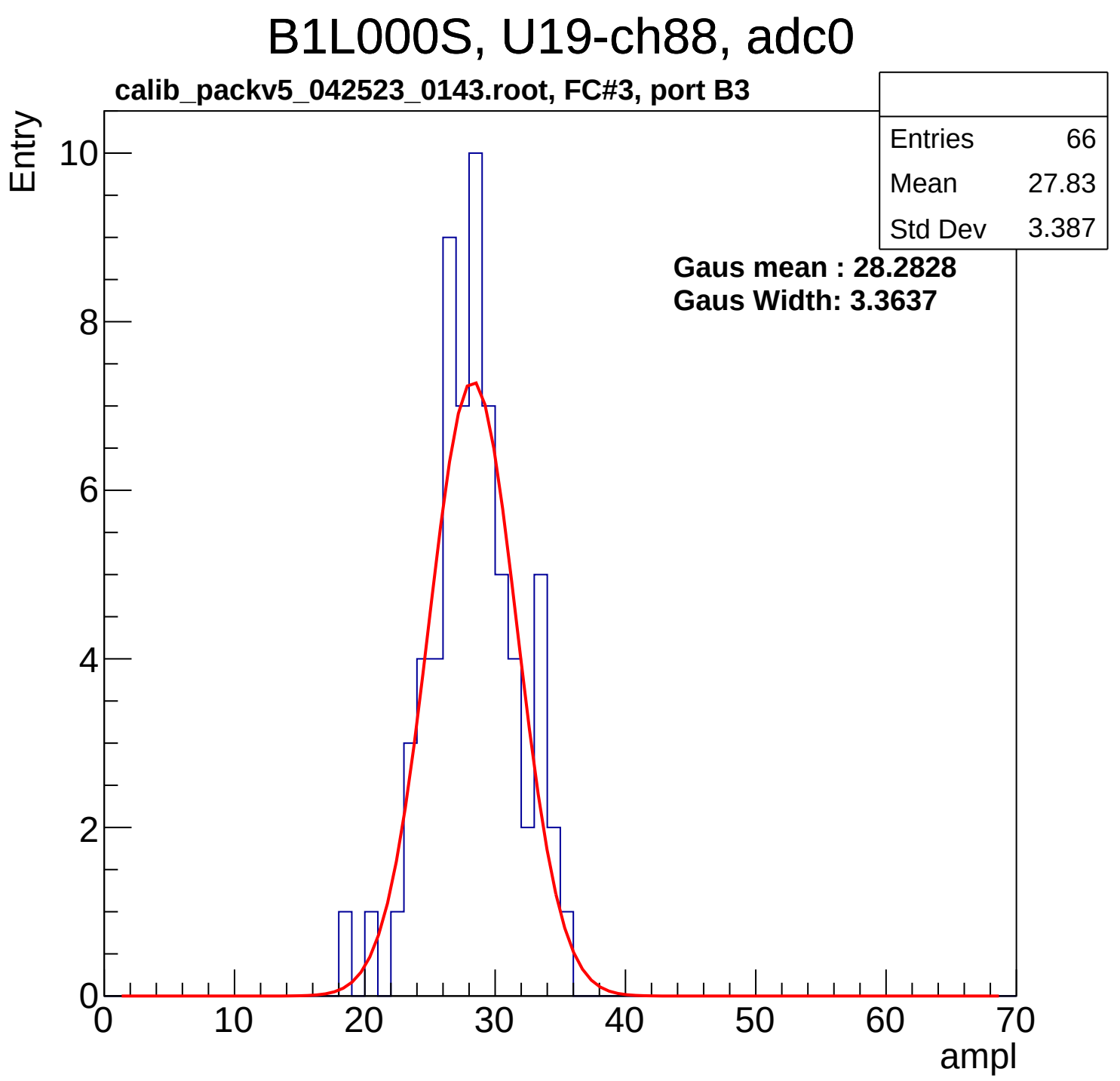
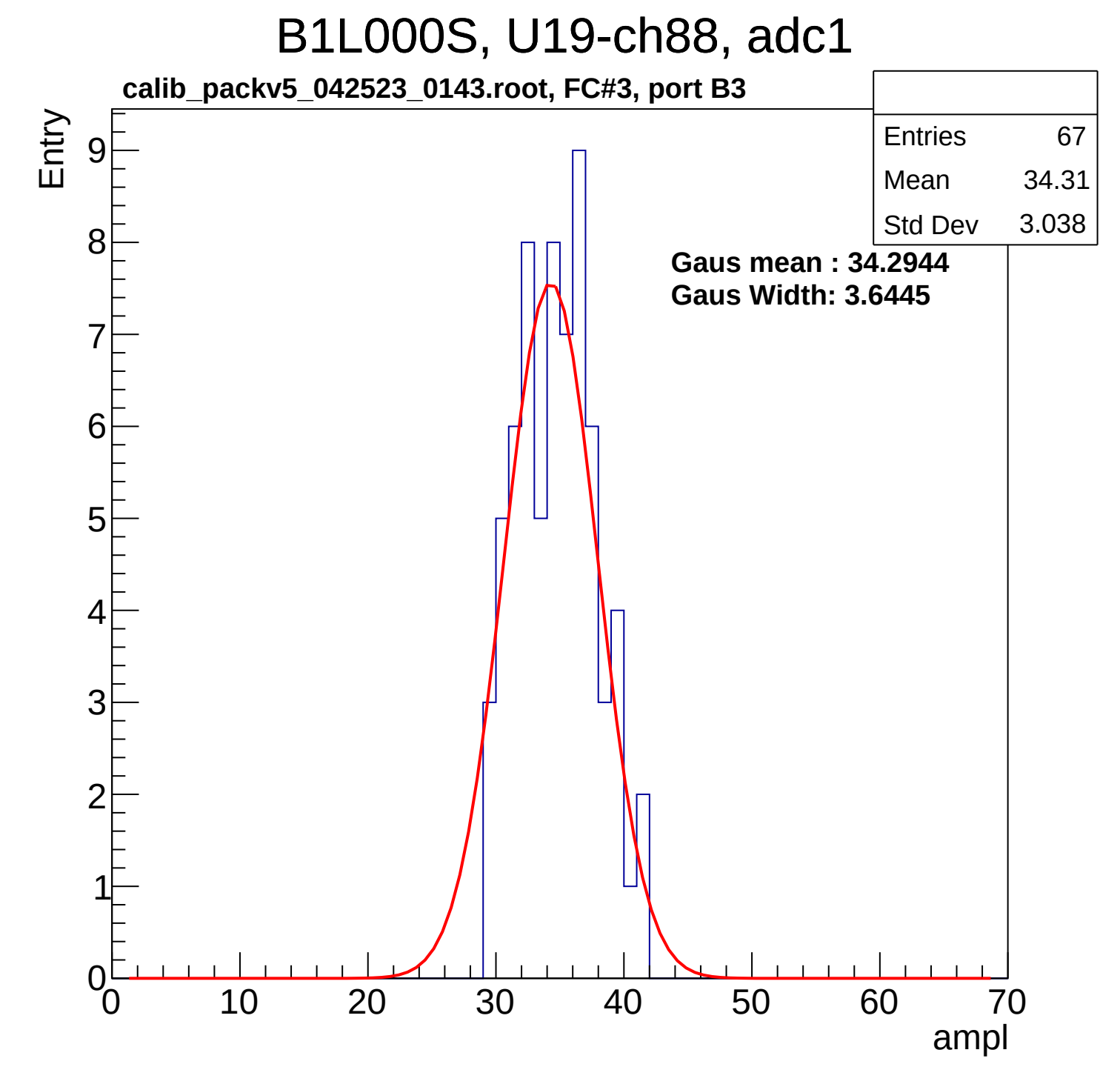
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch88, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 27.83
Std Dev 3.387
Gaus mean : 28.2828
Gaus Width: 3.3637
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch88, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 34.31
Std Dev 3.038
Gaus mean : 34.2944
Gaus Width: 3.6445
Entry
ampl
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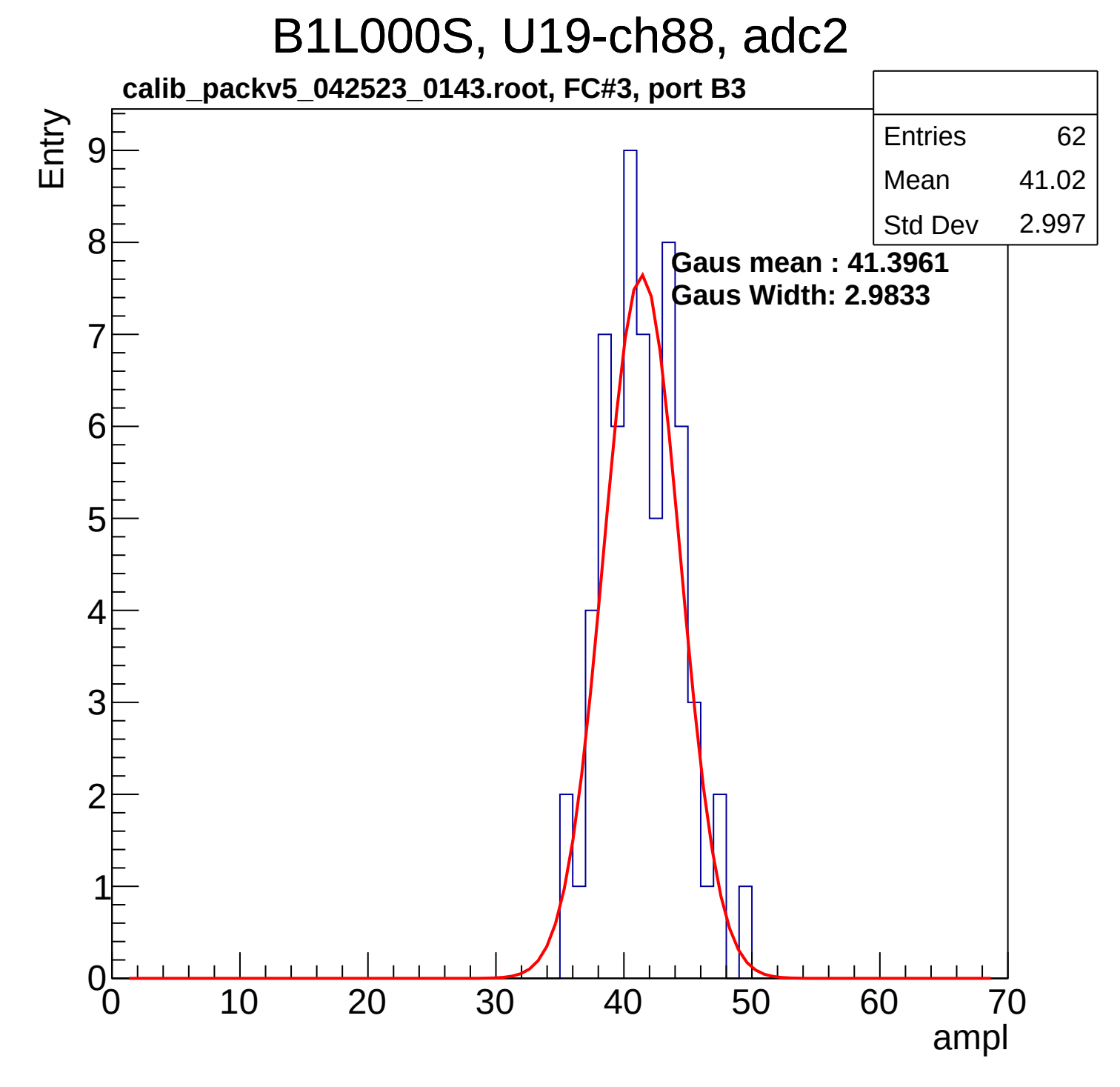
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U19-ch88, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 41.02
Std Dev 2.997
Gaus mean : 41.3961
Gaus Width: 2.9833
Entry
ampl
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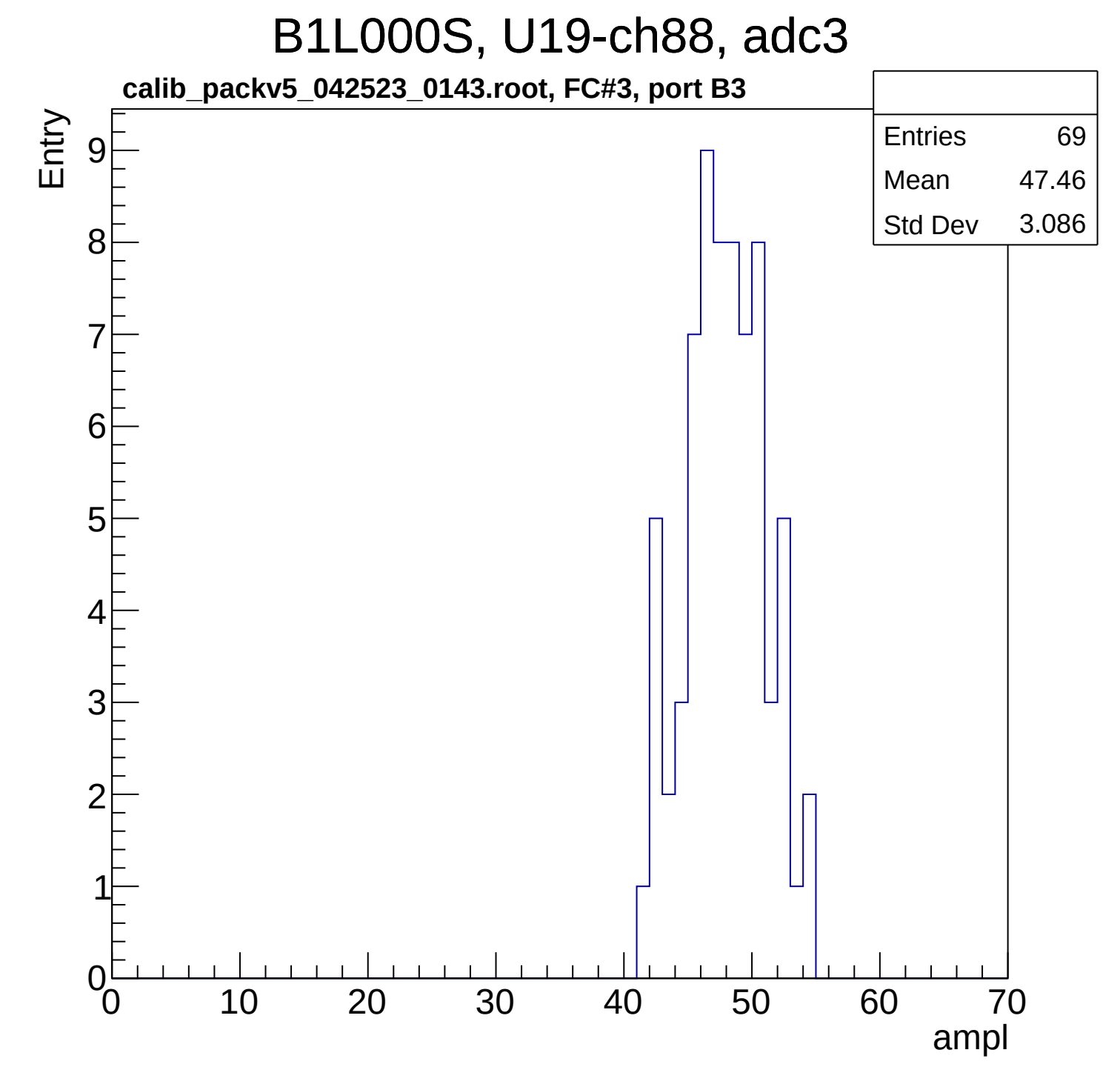
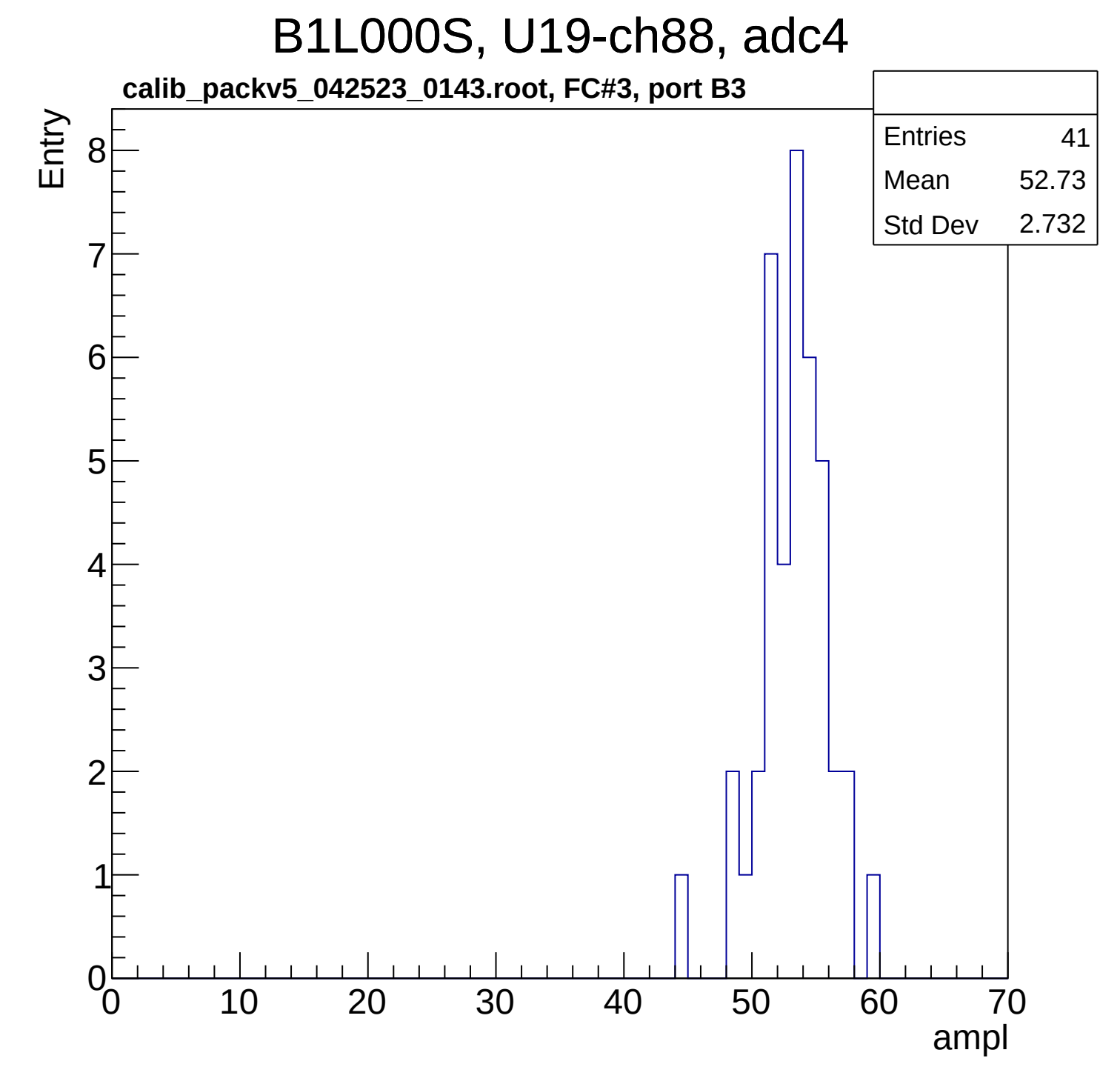
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U19-ch88, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 47.46
Std Dev 3.086
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch88, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 41
Mean 52.73
Std Dev 2.732
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
50
60
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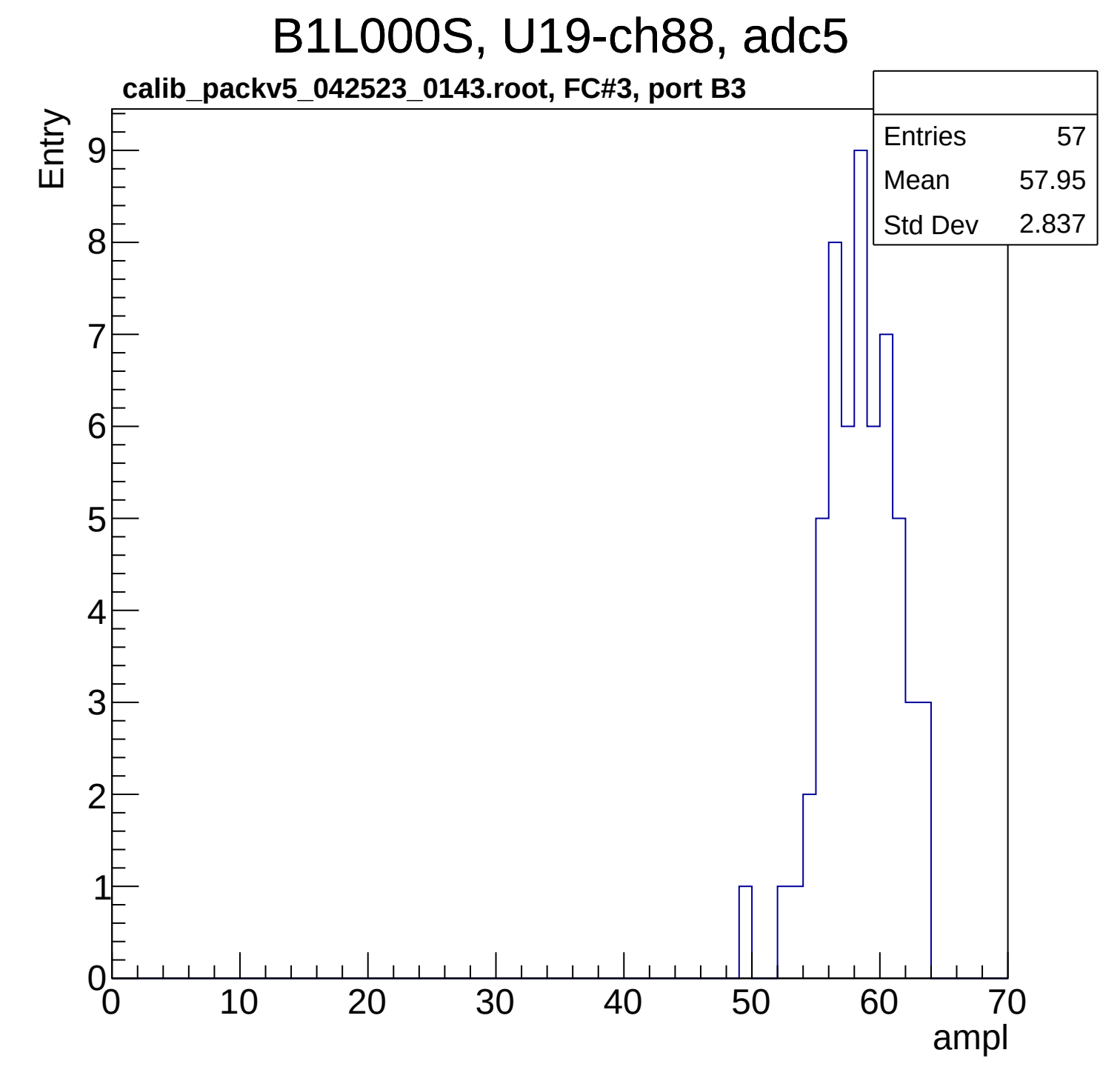
B1L000S, U19-ch88, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 57.95
Std Dev 2.837
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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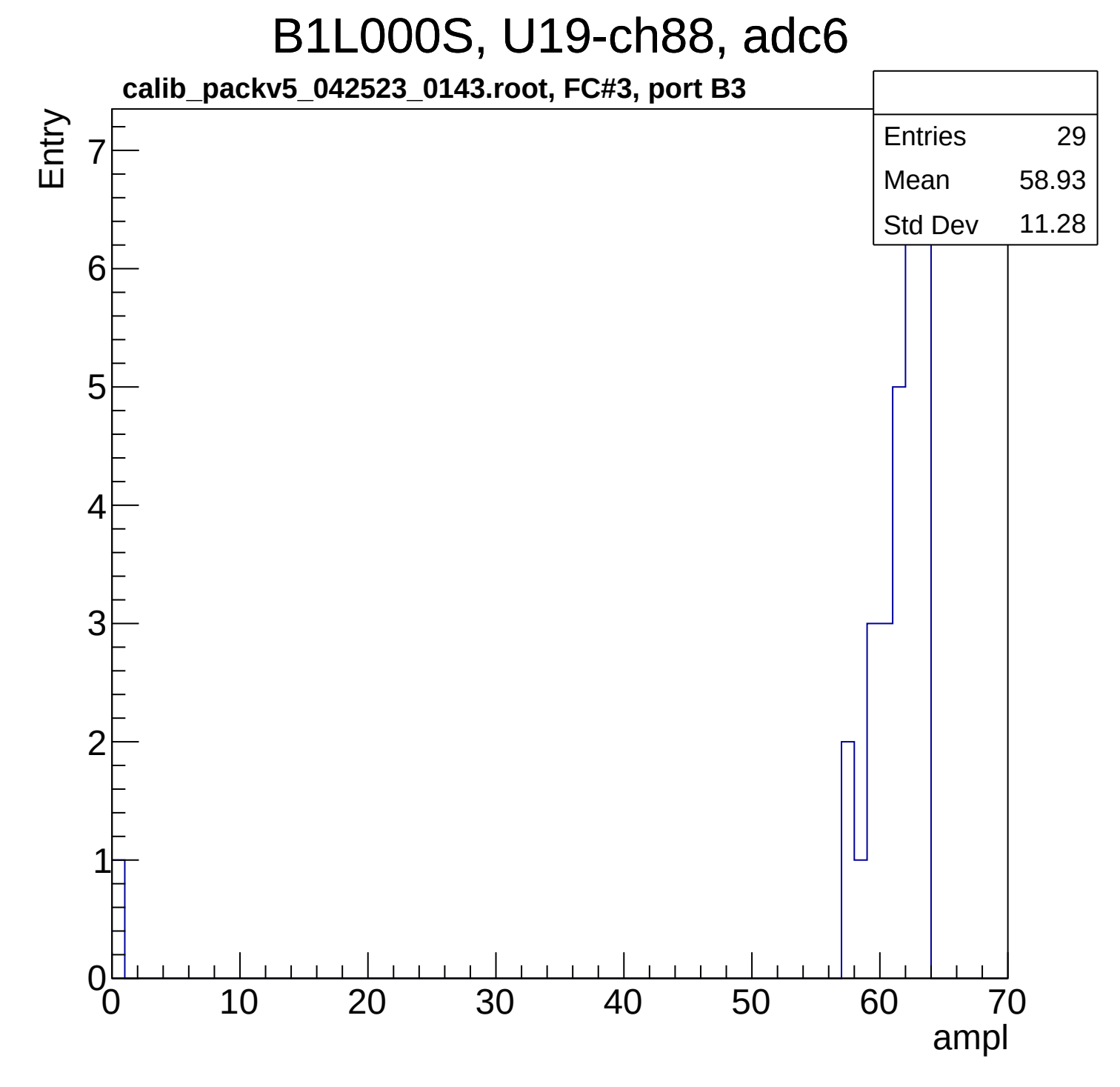
B1L000S, U19-ch88, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 29
Mean 58.93
Std Dev 11.28
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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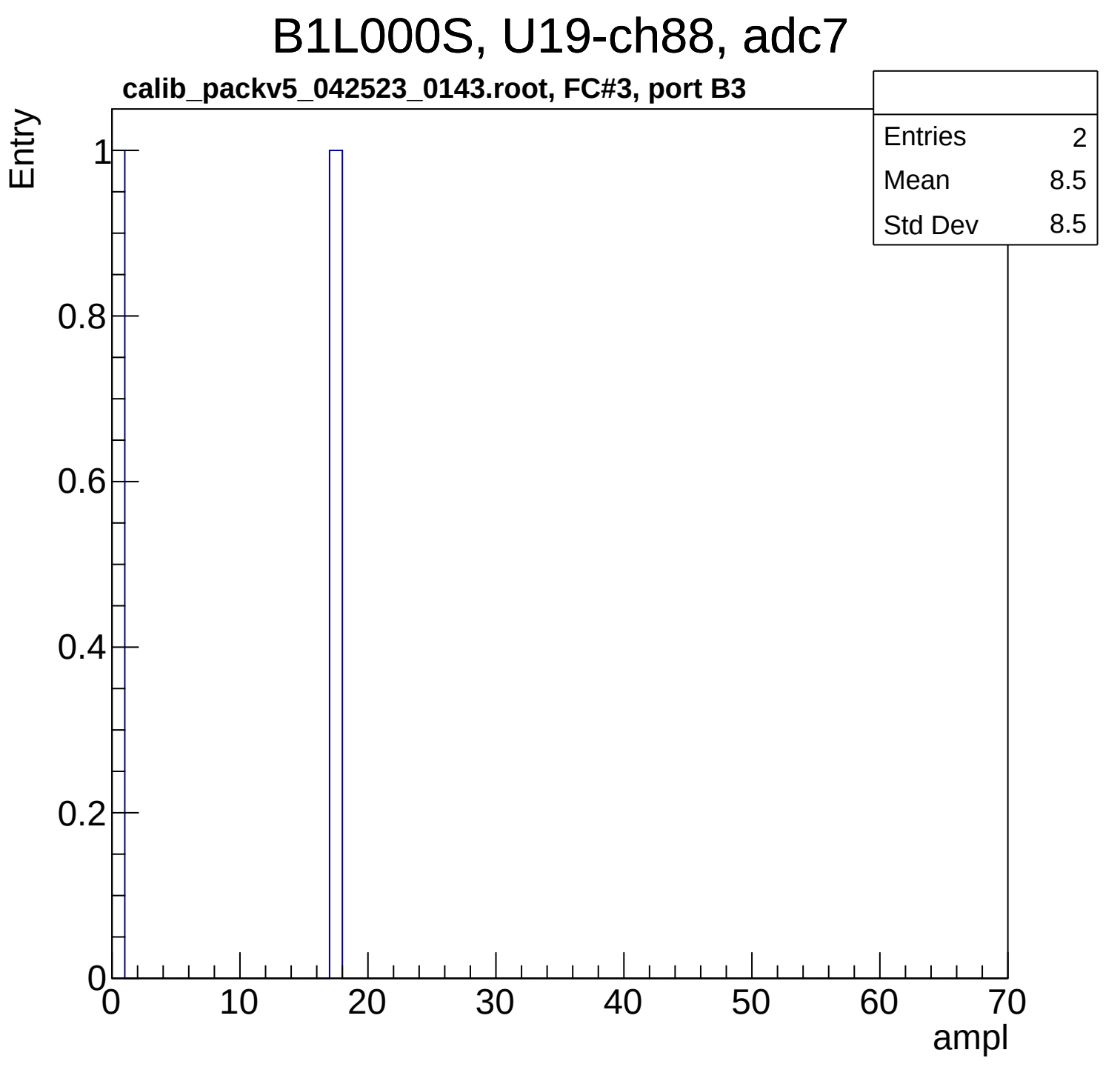
B1L000S, U19-ch88, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 8.5
Std Dev 8.5
Entry
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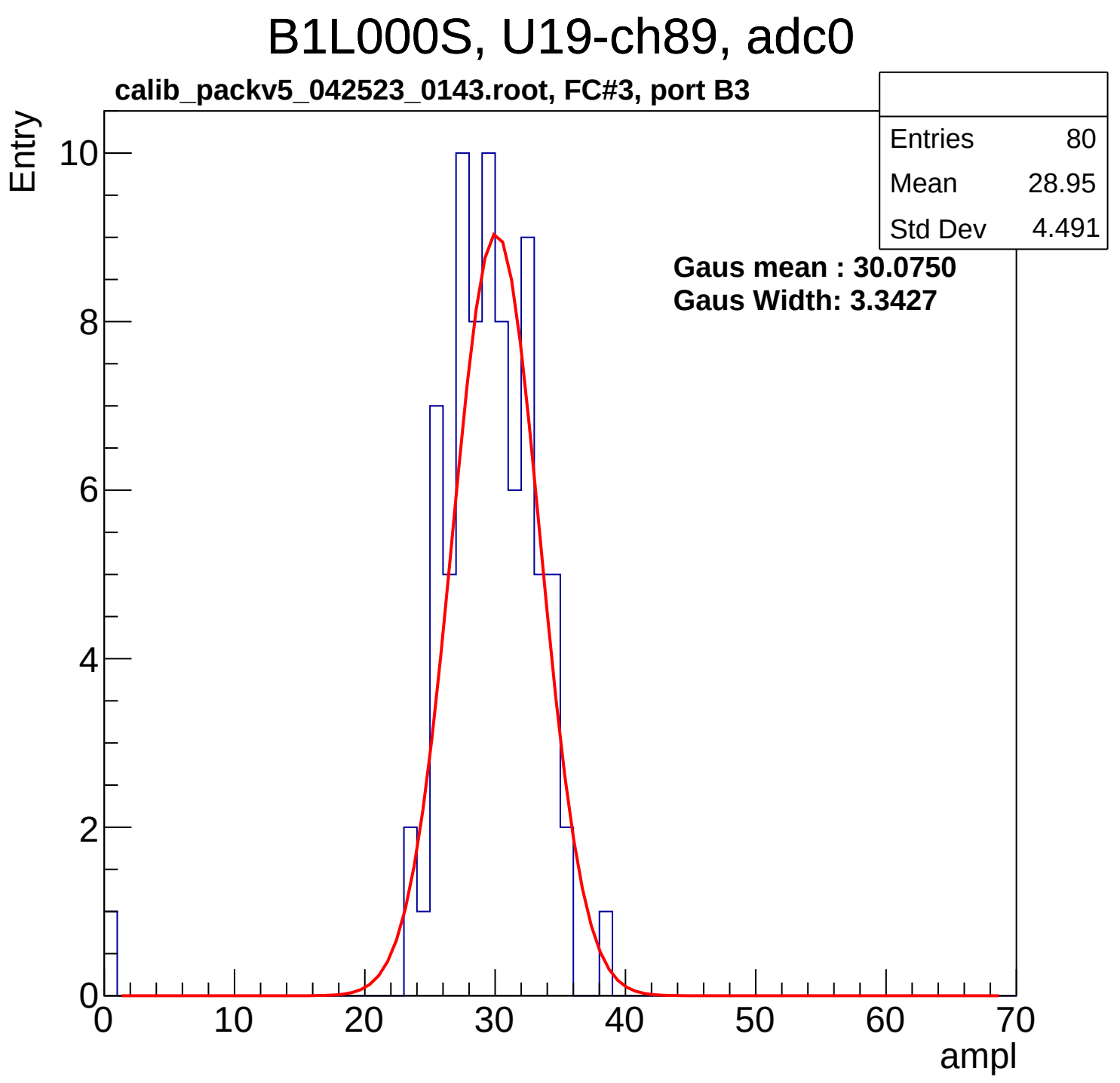
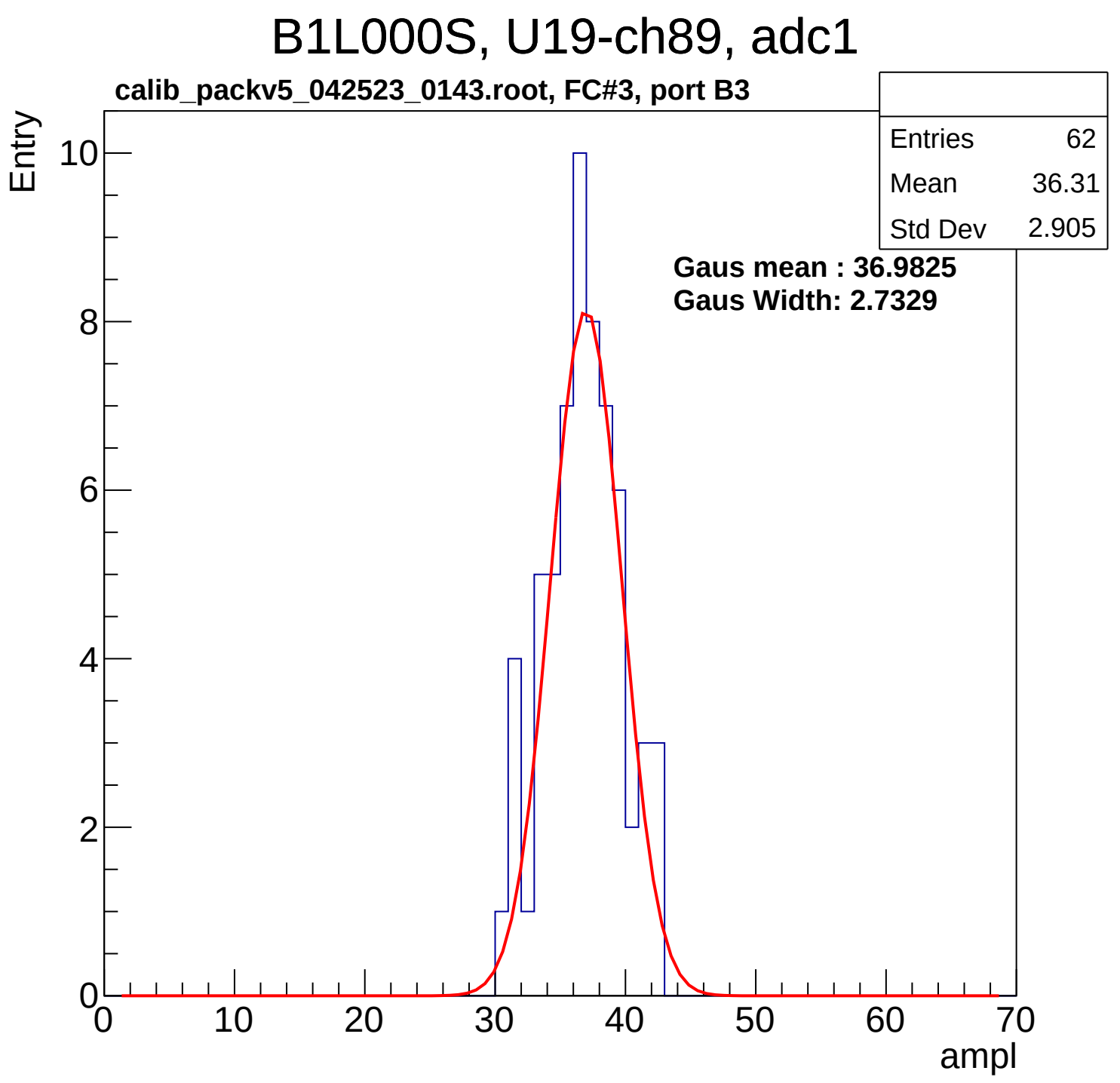
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch89, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 80
Mean 28.95
Std Dev 4.491
Gaus mean : 30.0750
Gaus Width: 3.3427
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch89, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 36.31
Std Dev 2.905
Gaus mean : 36.9825
Gaus Width: 2.7329
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
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60
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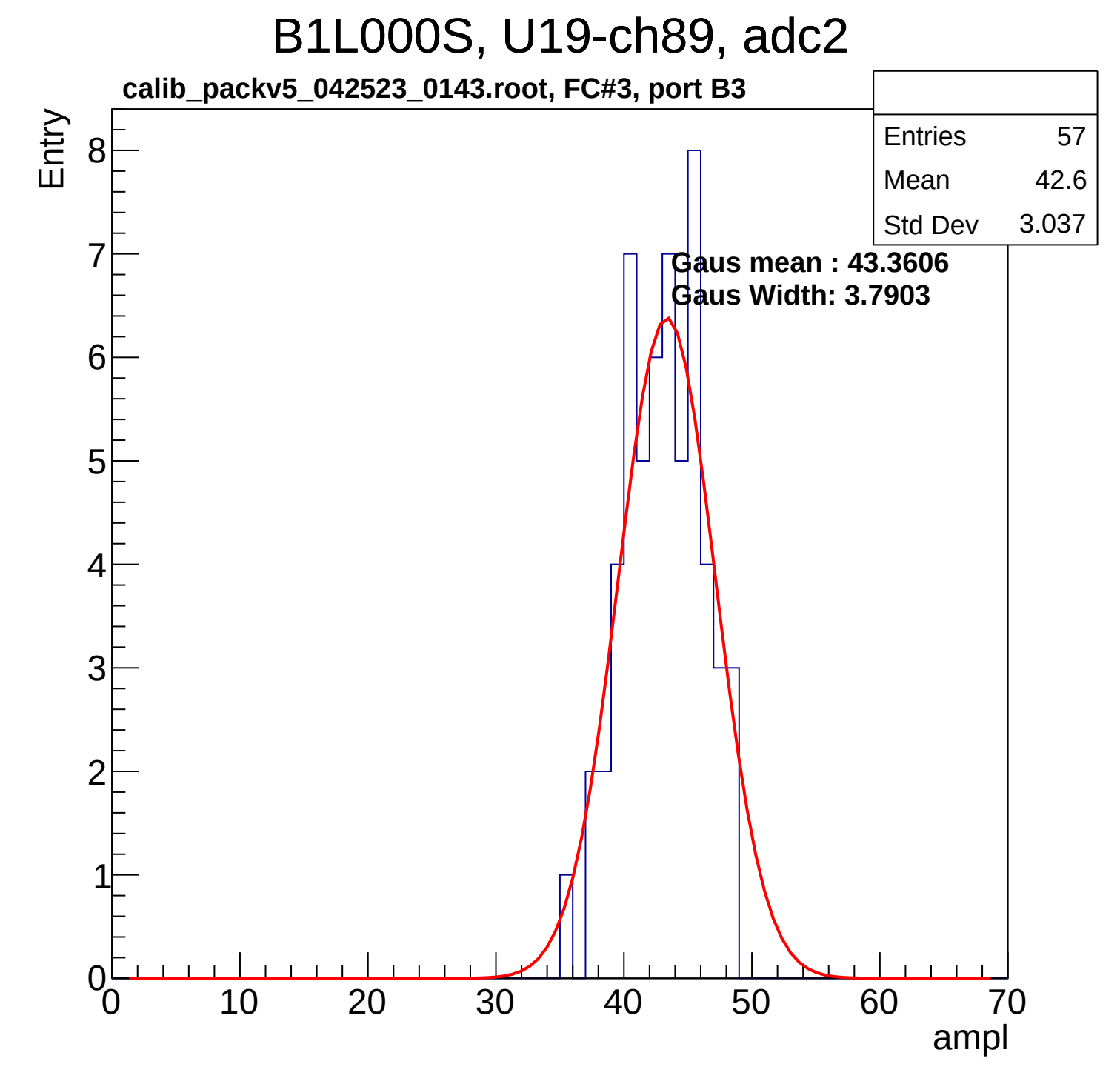
B1L000S, U19-ch89, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 42.6
Std Dev 3.037
Gaus mean : 43.3606
Gaus Width: 3.7903
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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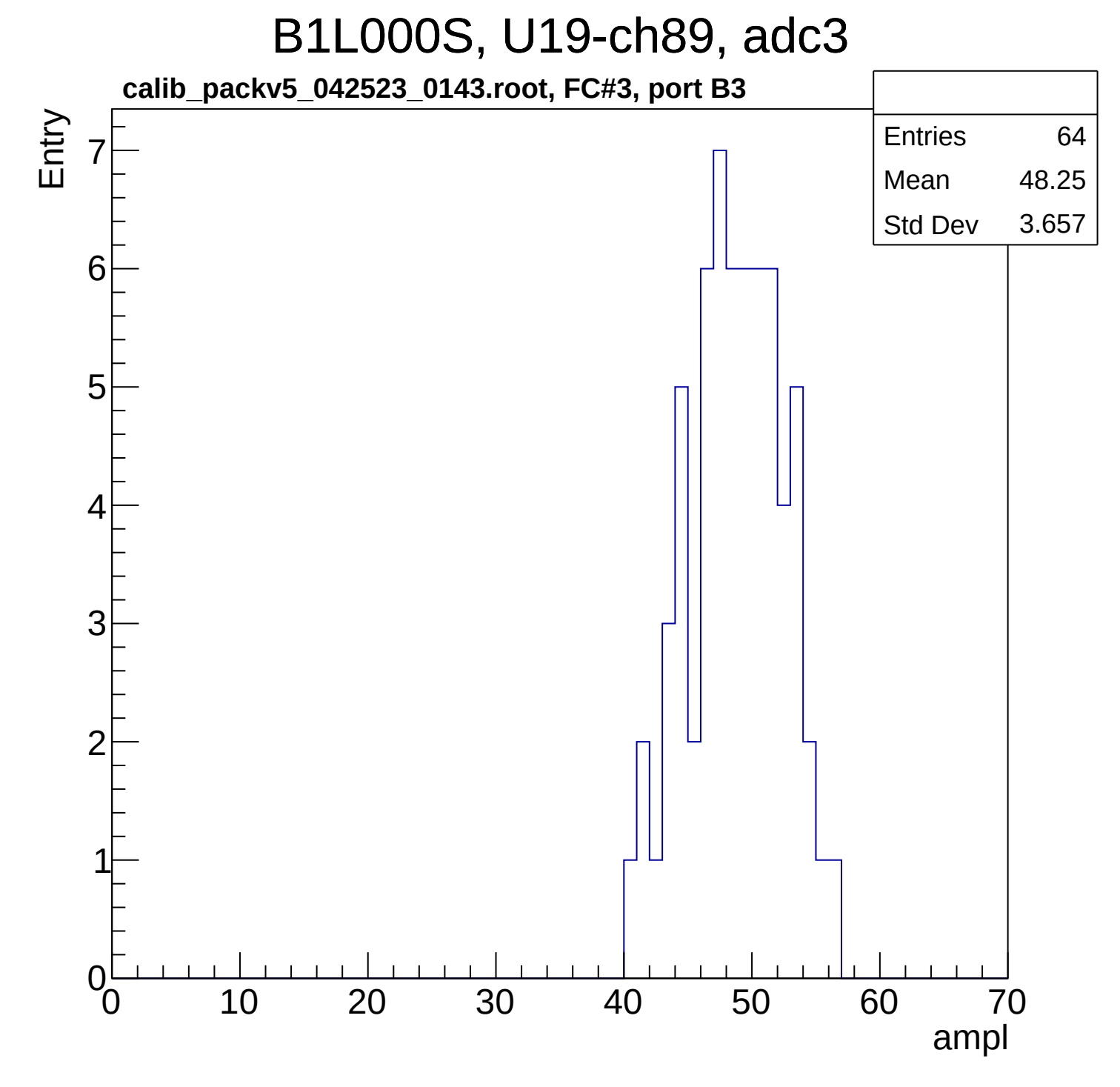
B1L000S, U19-ch89, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 48.25
Std Dev 3.657
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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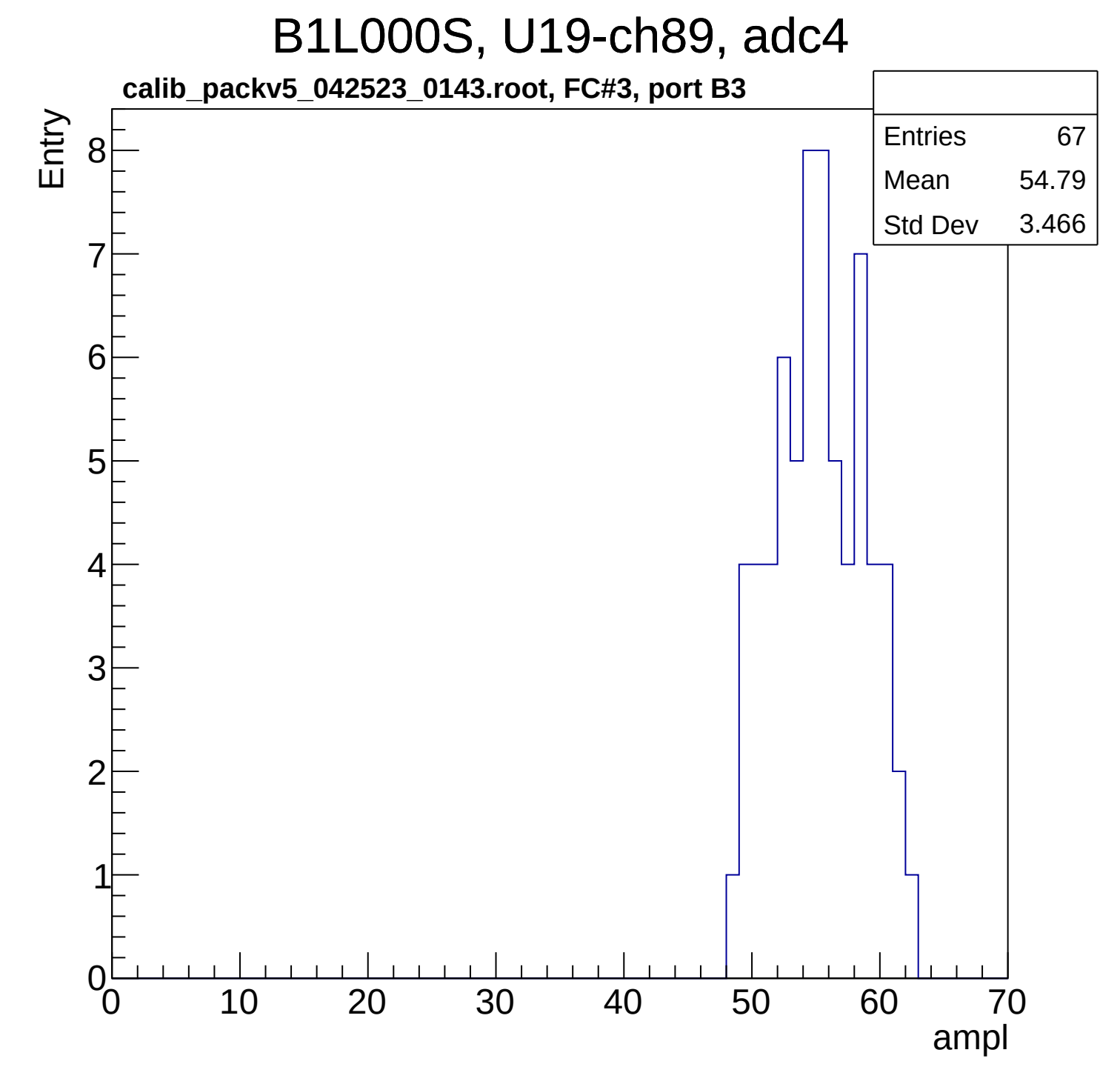
B1L000S, U19-ch89, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 54.79
Std Dev 3.466
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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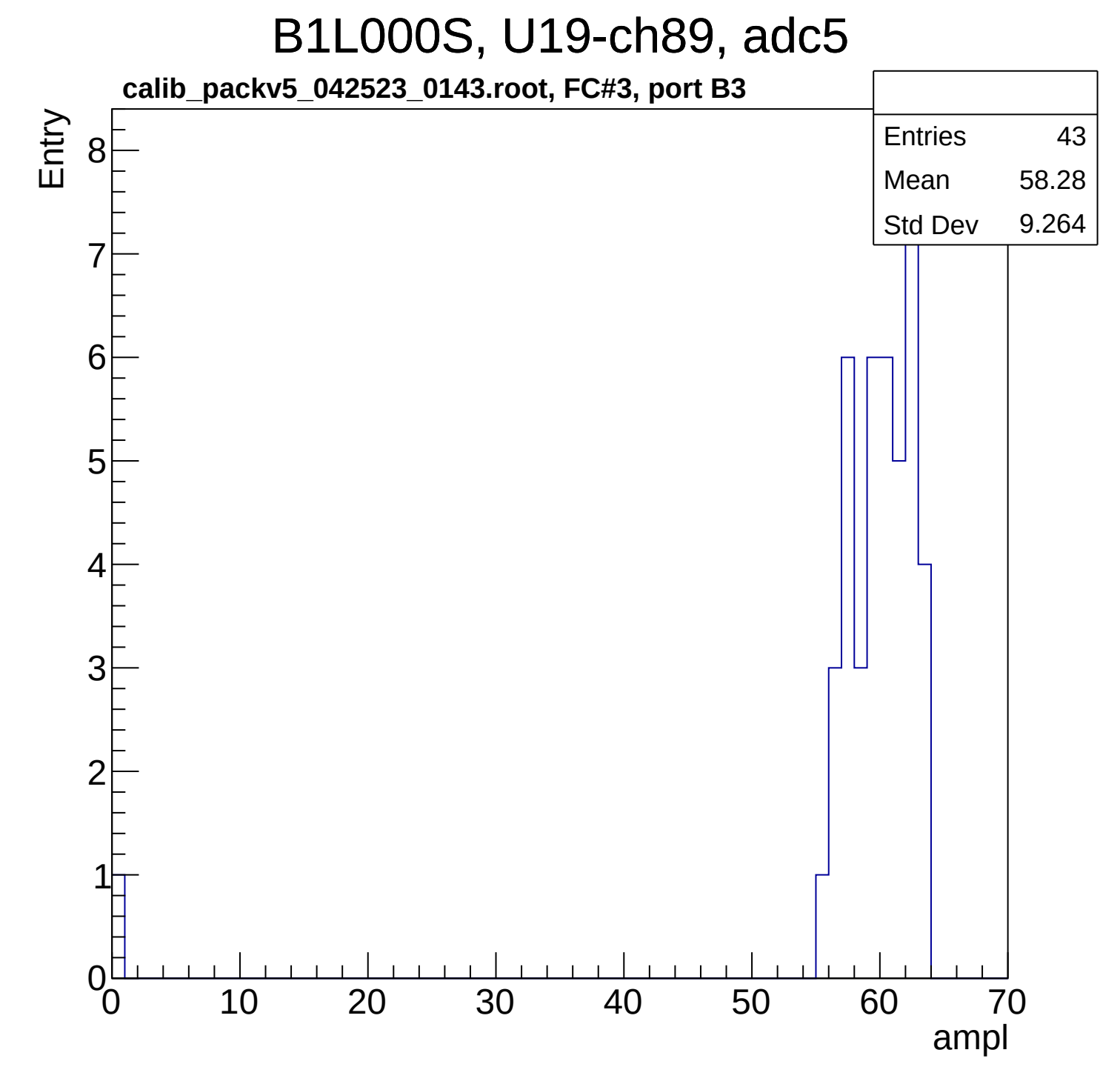
B1L000S, U19-ch89, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 58.28
Std Dev 9.264
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
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40
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60
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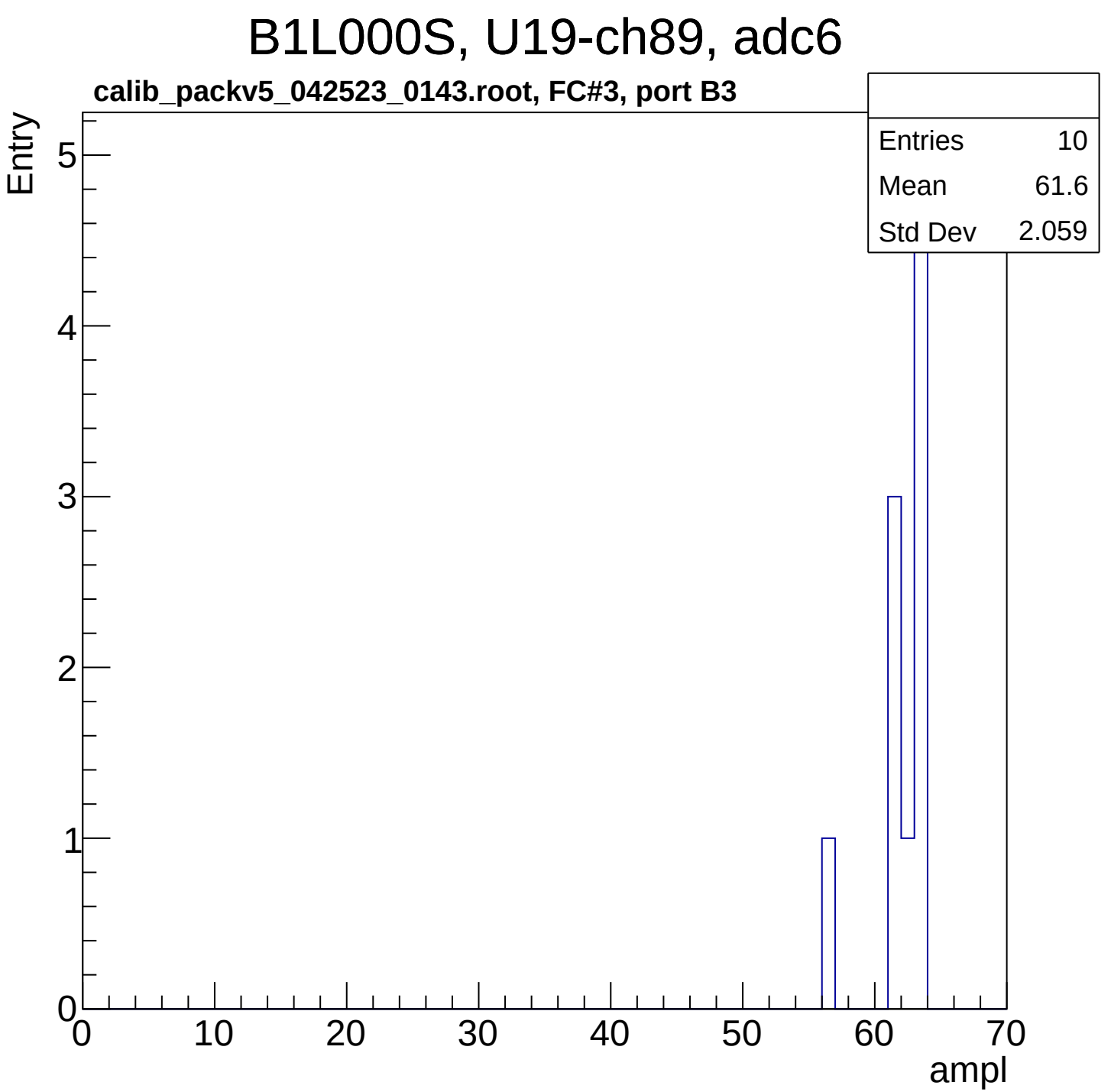
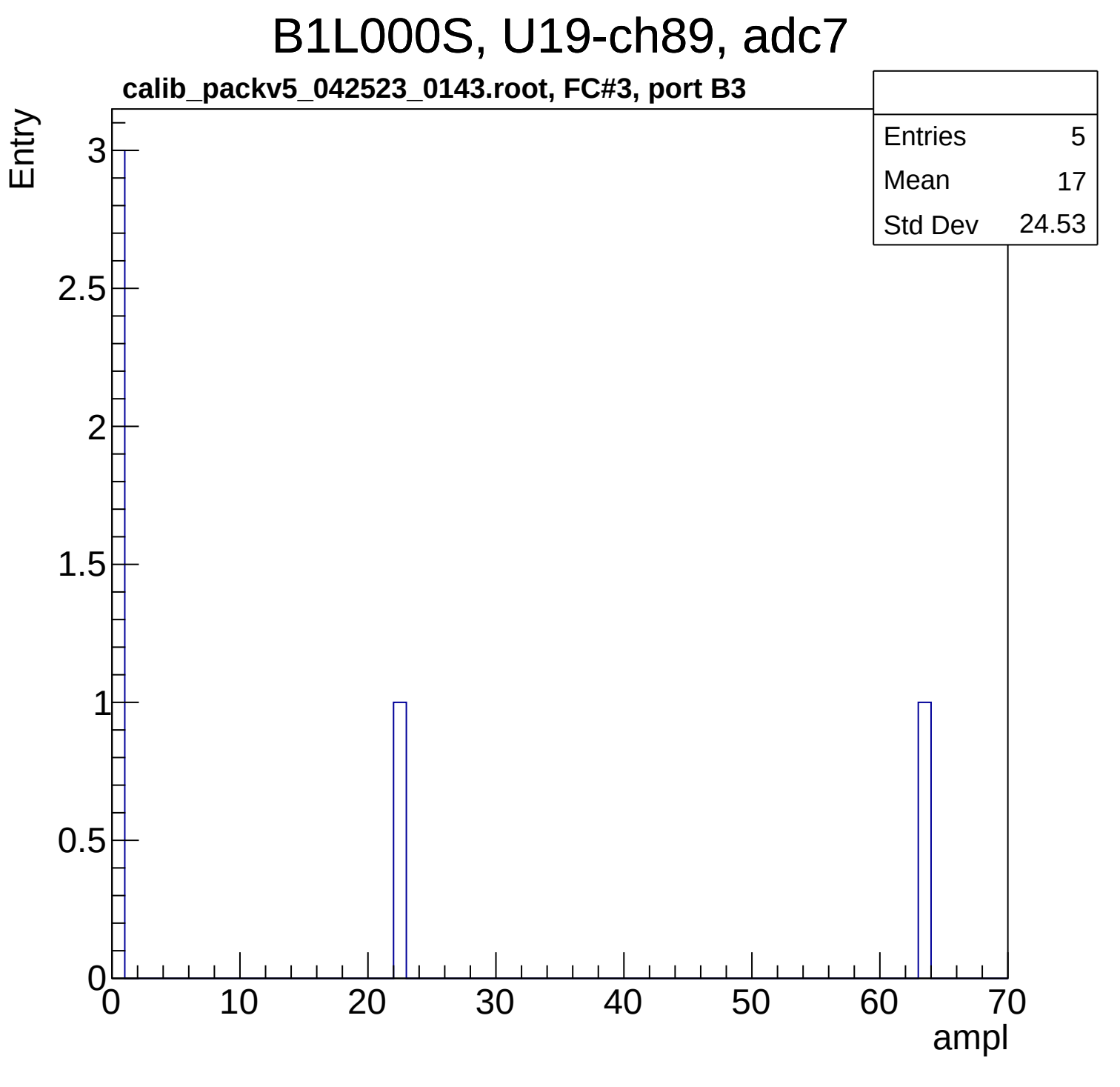

B1L000S, U19-ch89, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 10
Mean 61.6
Std Dev 2.059
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch89, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 17
Std Dev 24.53
Entry
ampl
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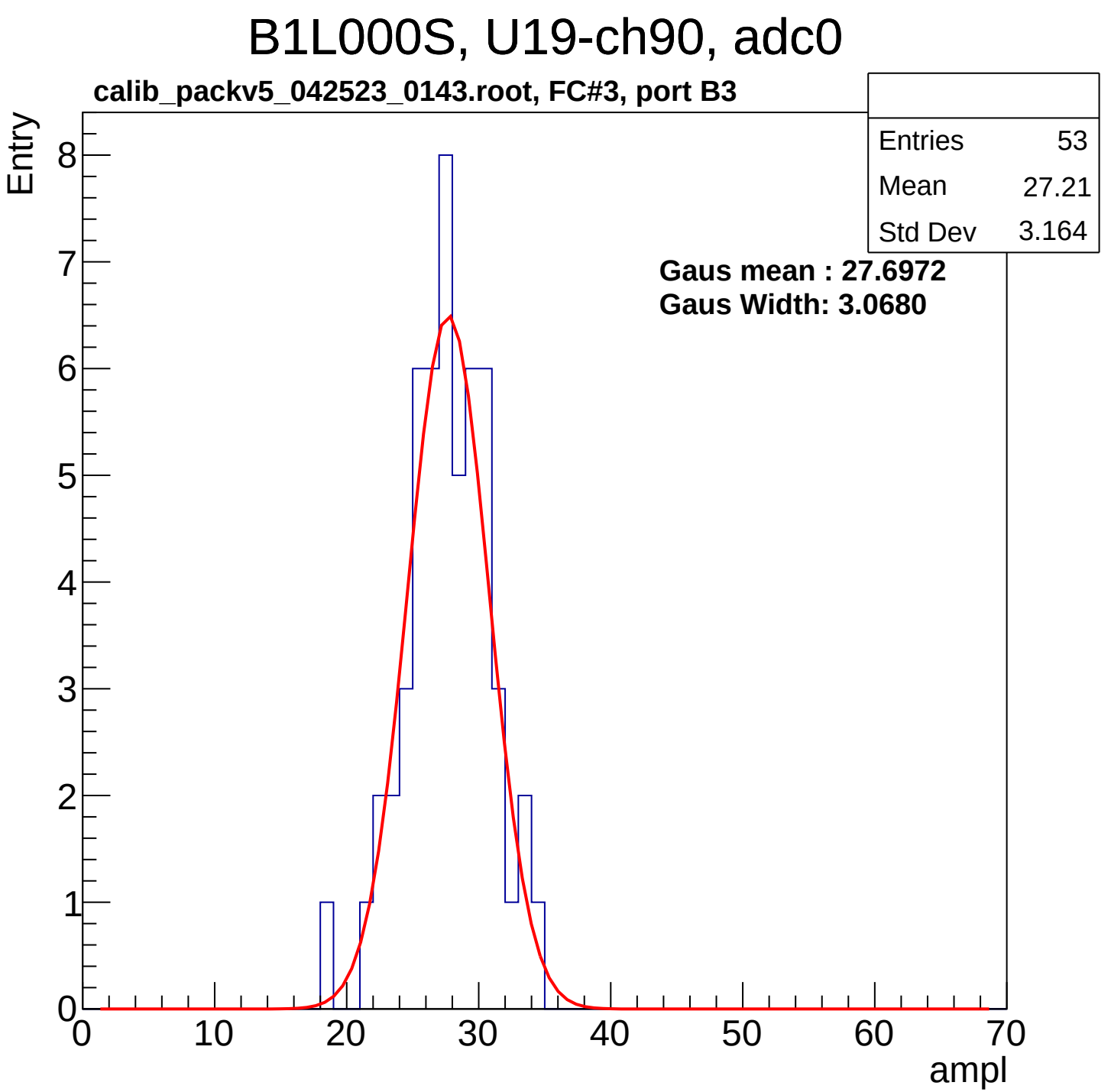
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U19-ch90, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 27.21
Std Dev 3.164
Gaus mean : 27.6972
Gaus Width: 3.0680
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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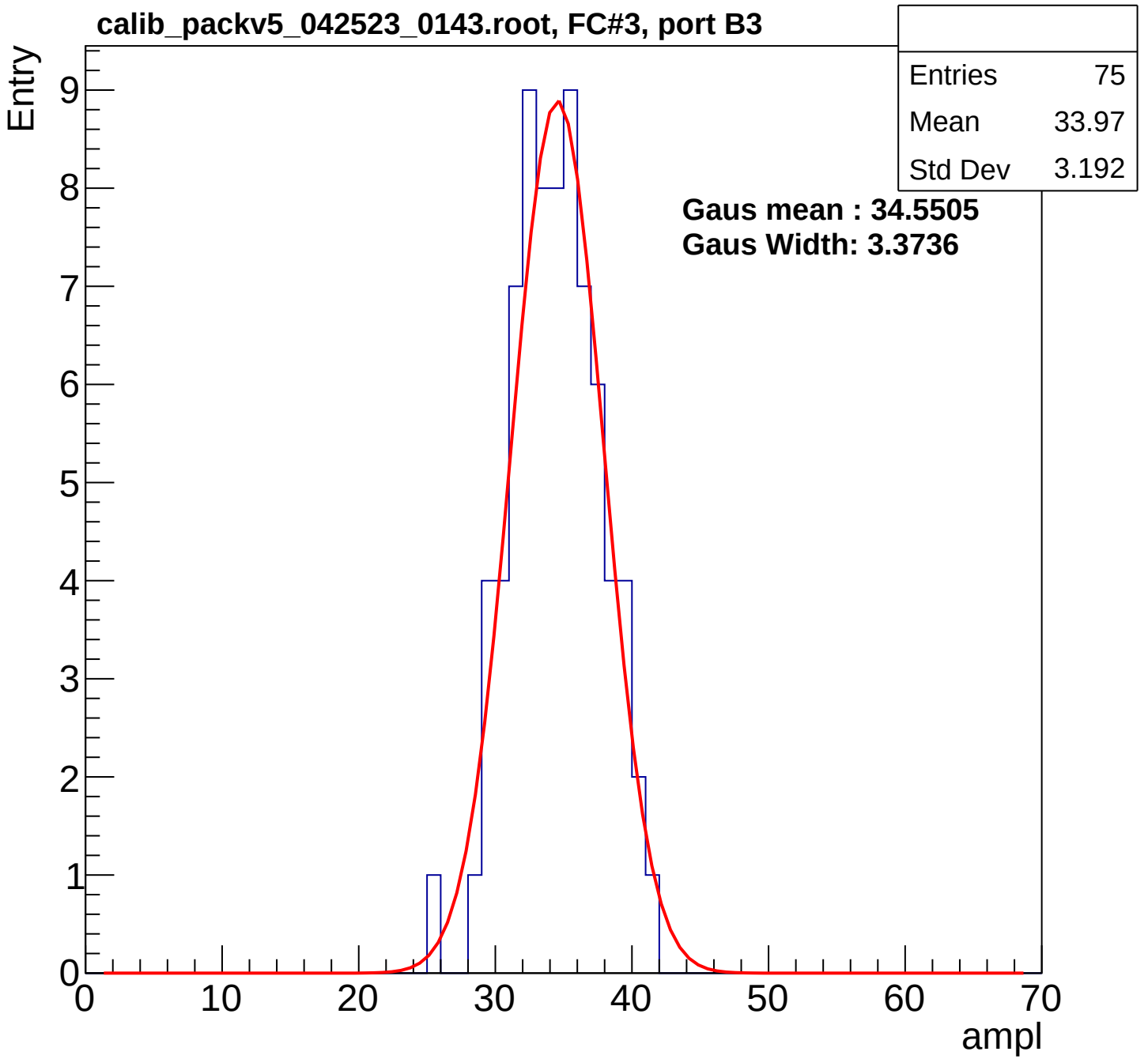
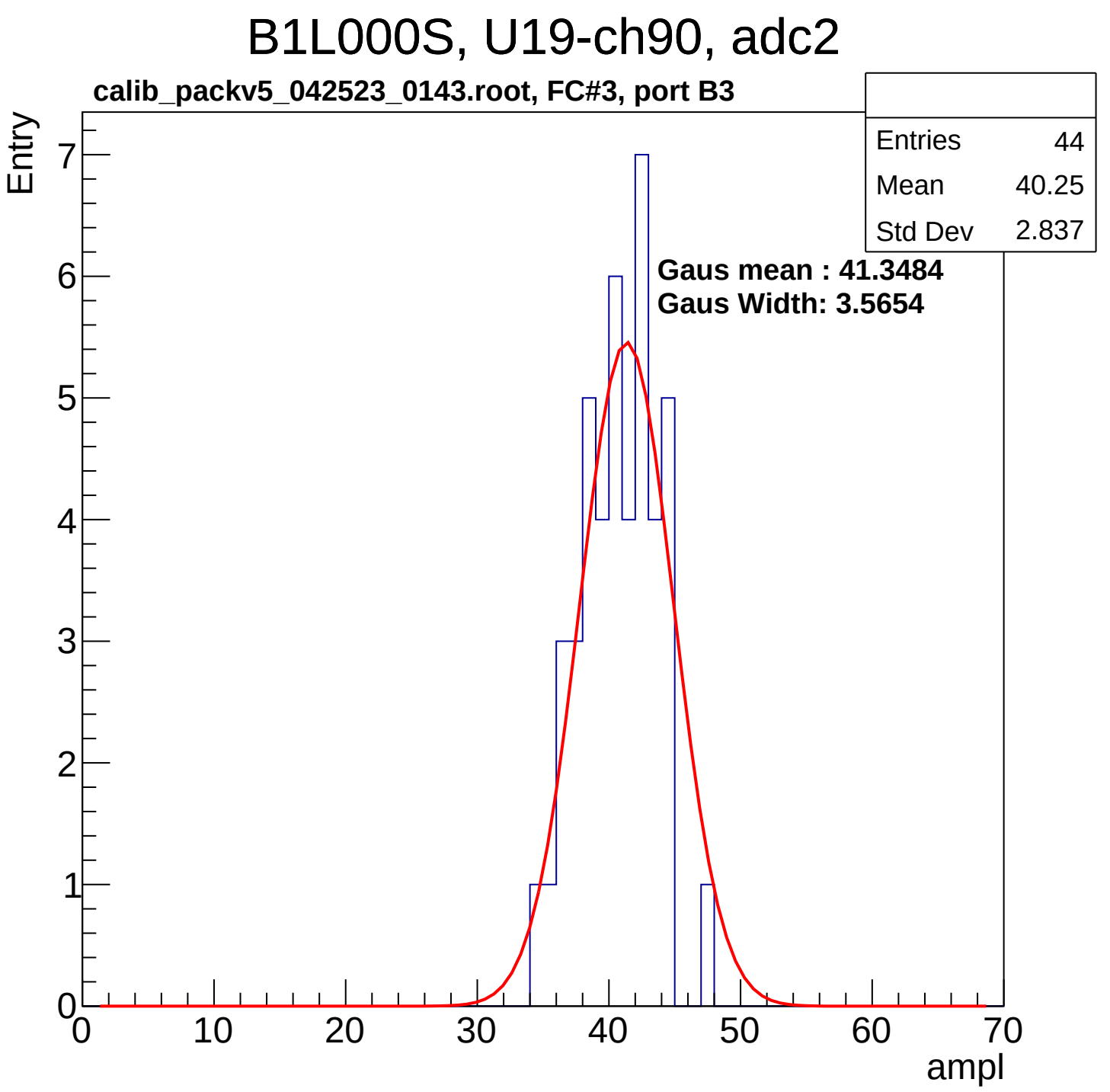
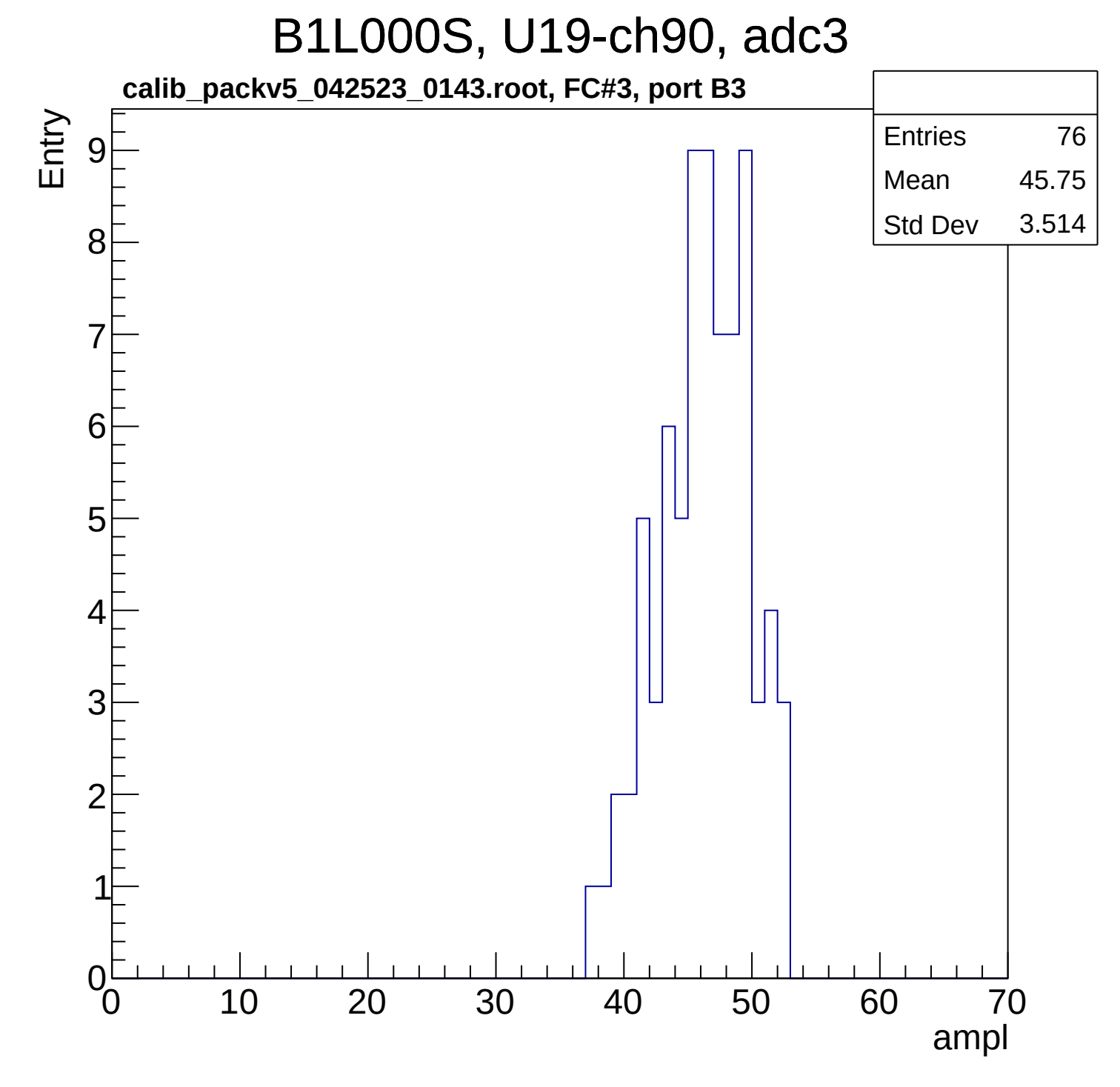

B1L000S, U19-ch90, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 33.97
Std Dev 3.192
Gaus mean : 34.5505
Gaus Width: 3.3736
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch90, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 40.25
Std Dev 2.837
Gaus mean : 41.3484
Gaus Width: 3.5654
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U19-ch90, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 45.75
Std Dev 3.514
Entry
ampl
0
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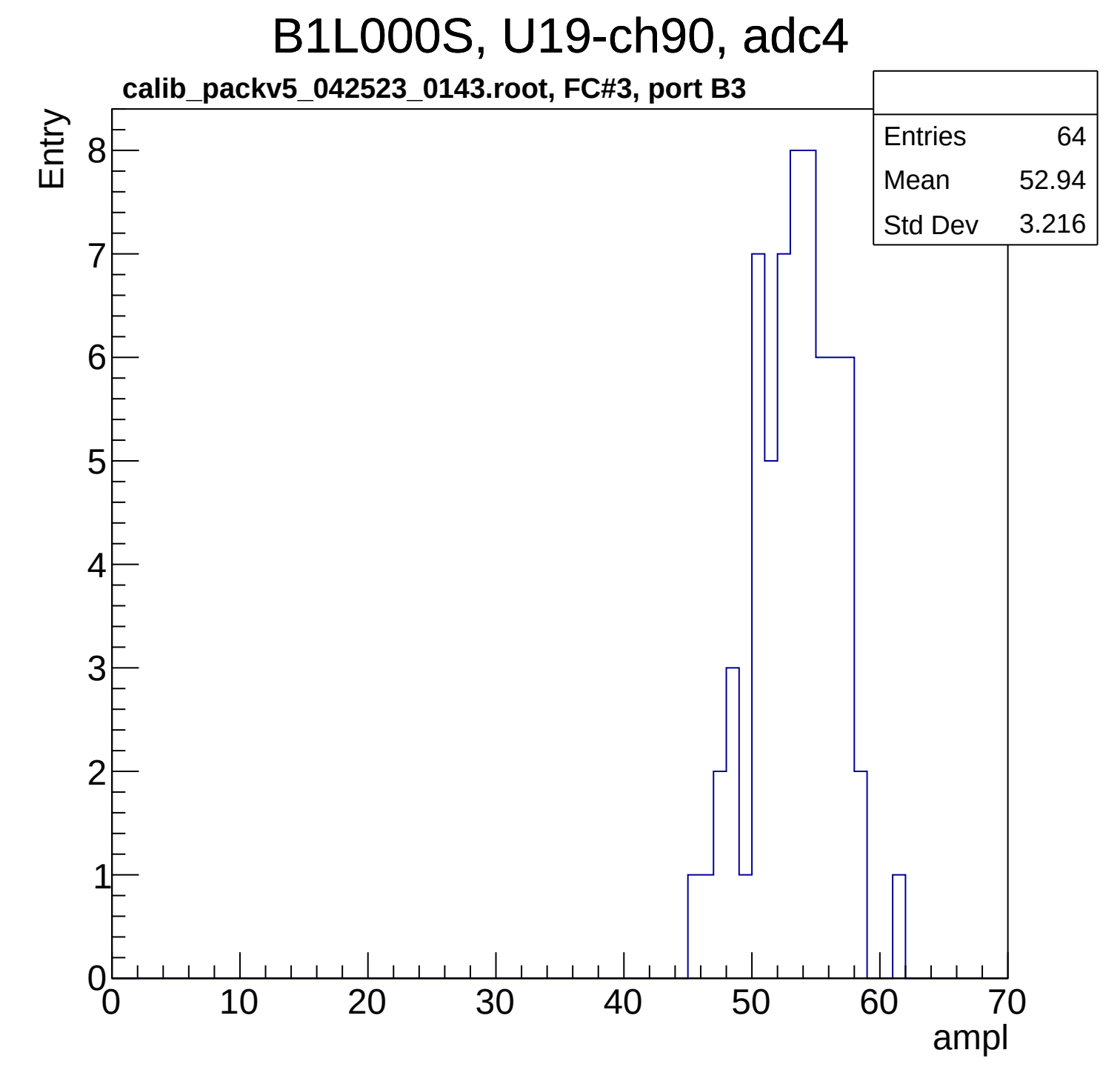
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch90, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 52.94
Std Dev 3.216
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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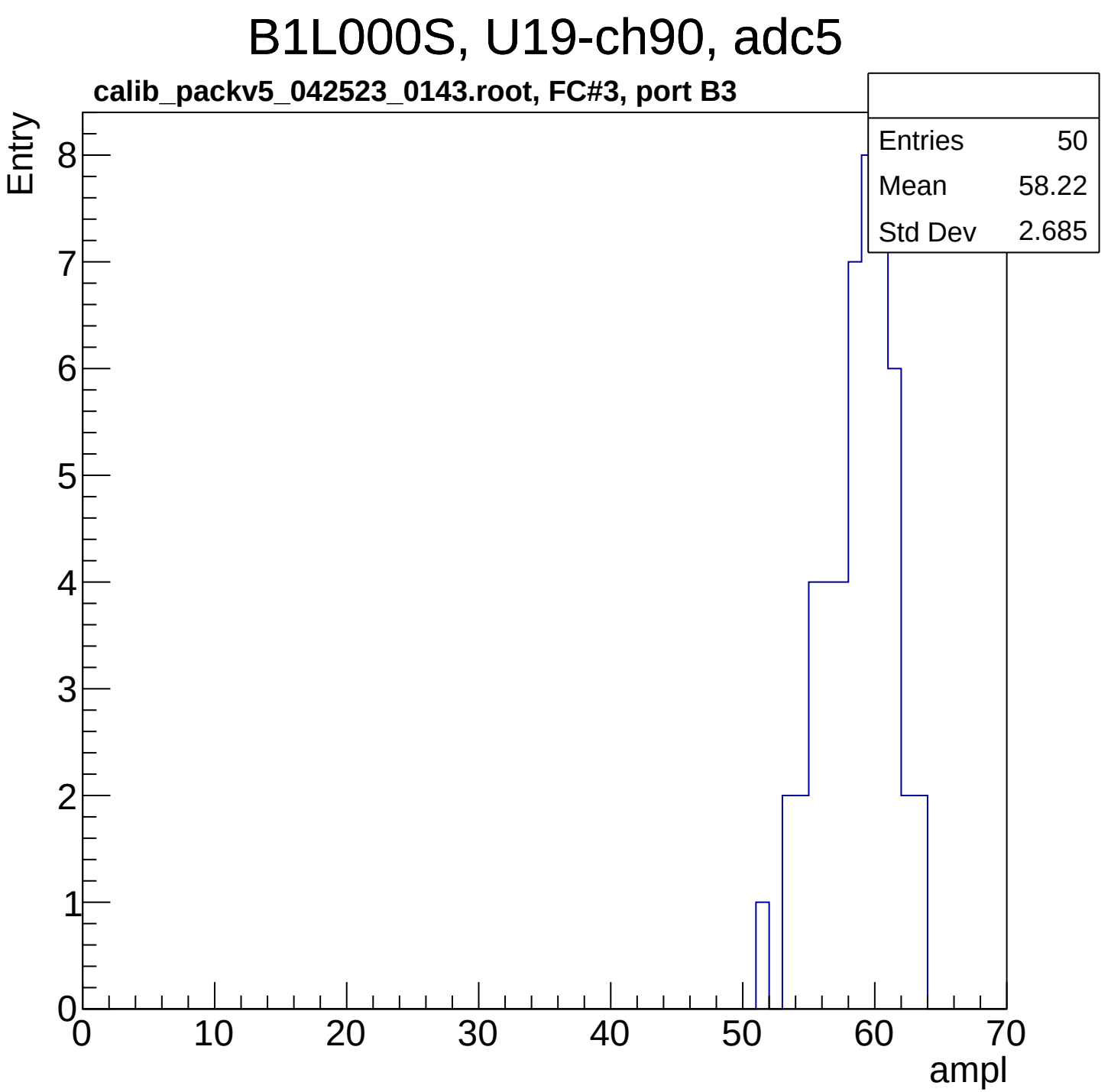
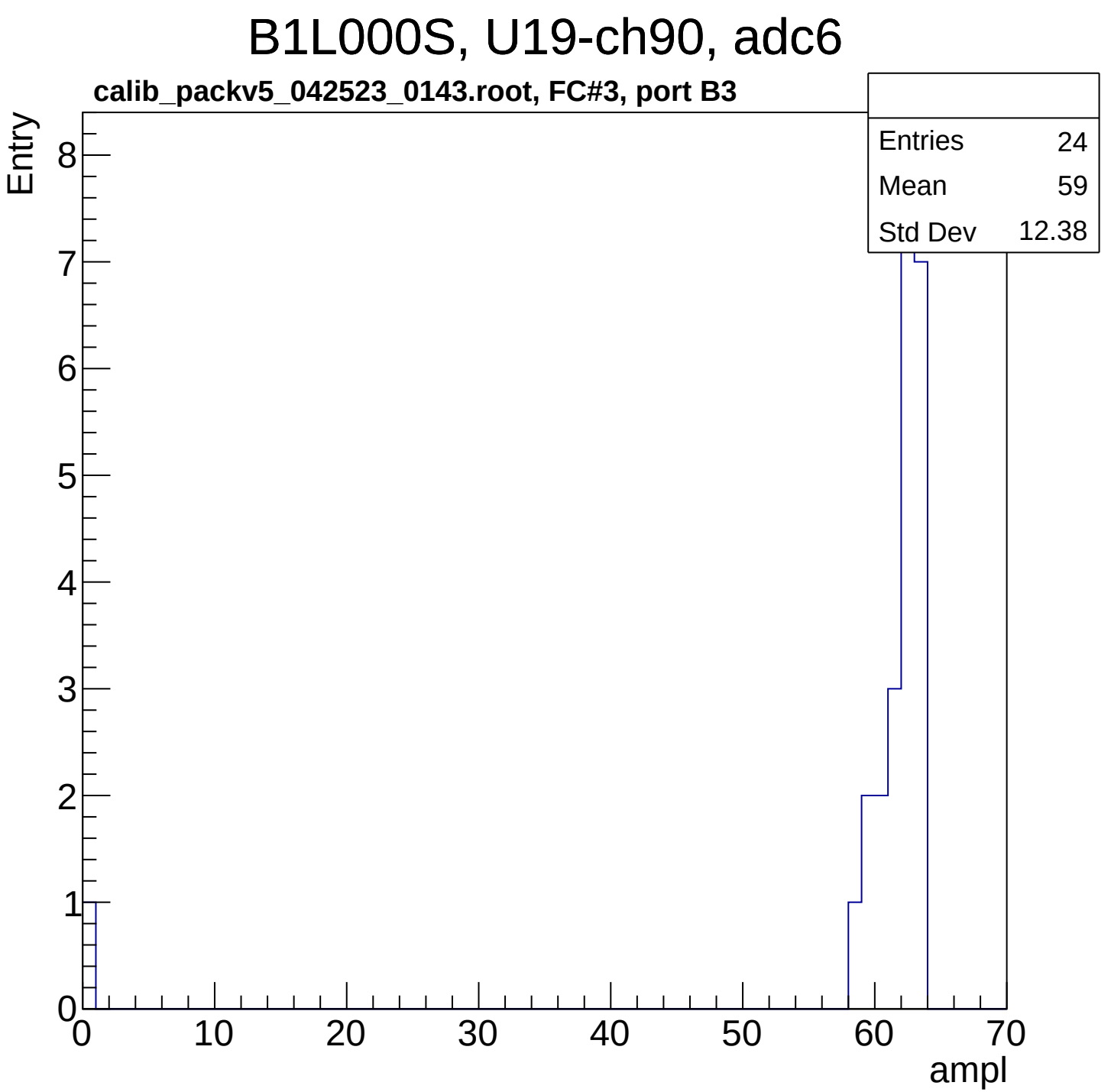
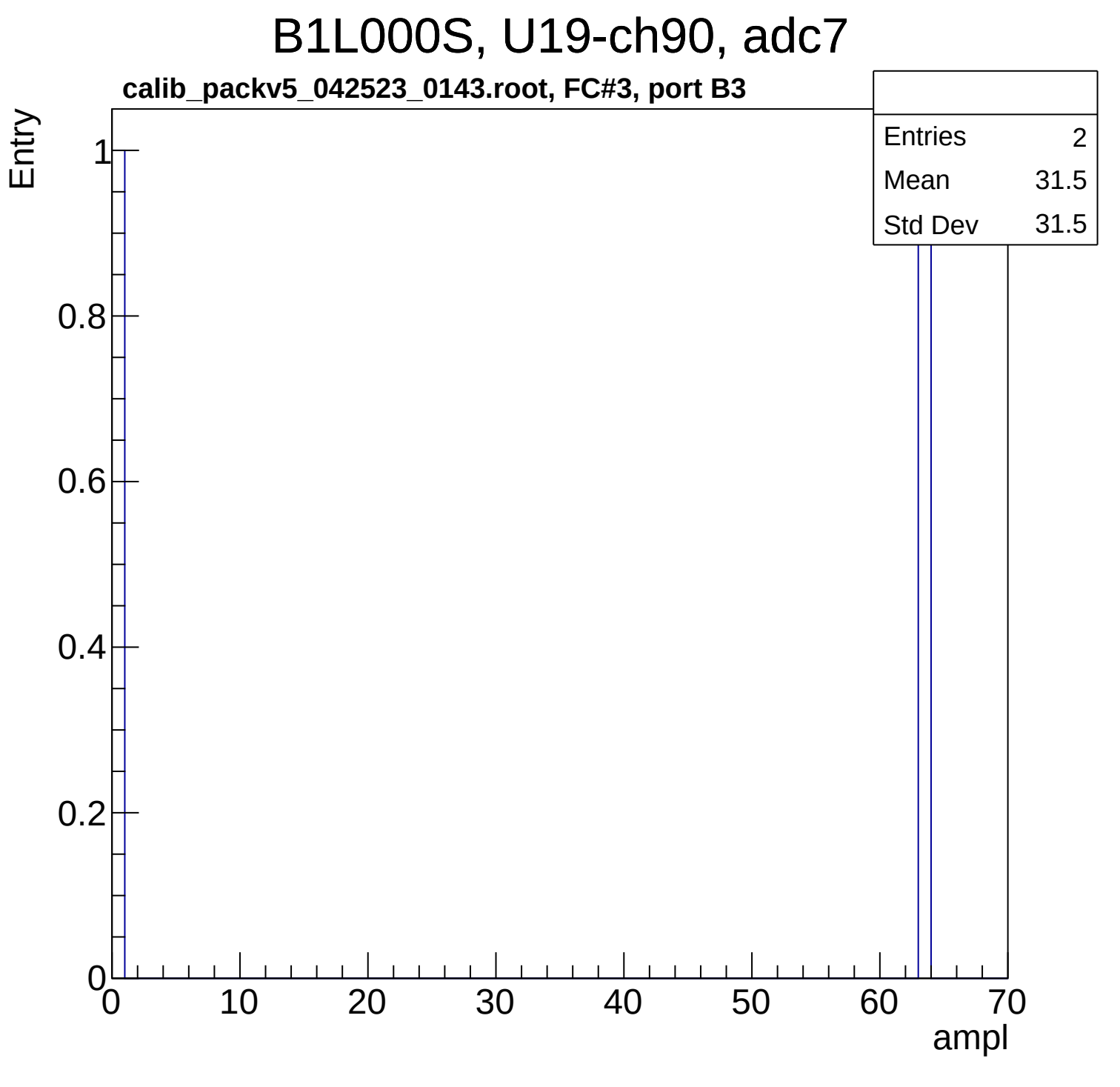
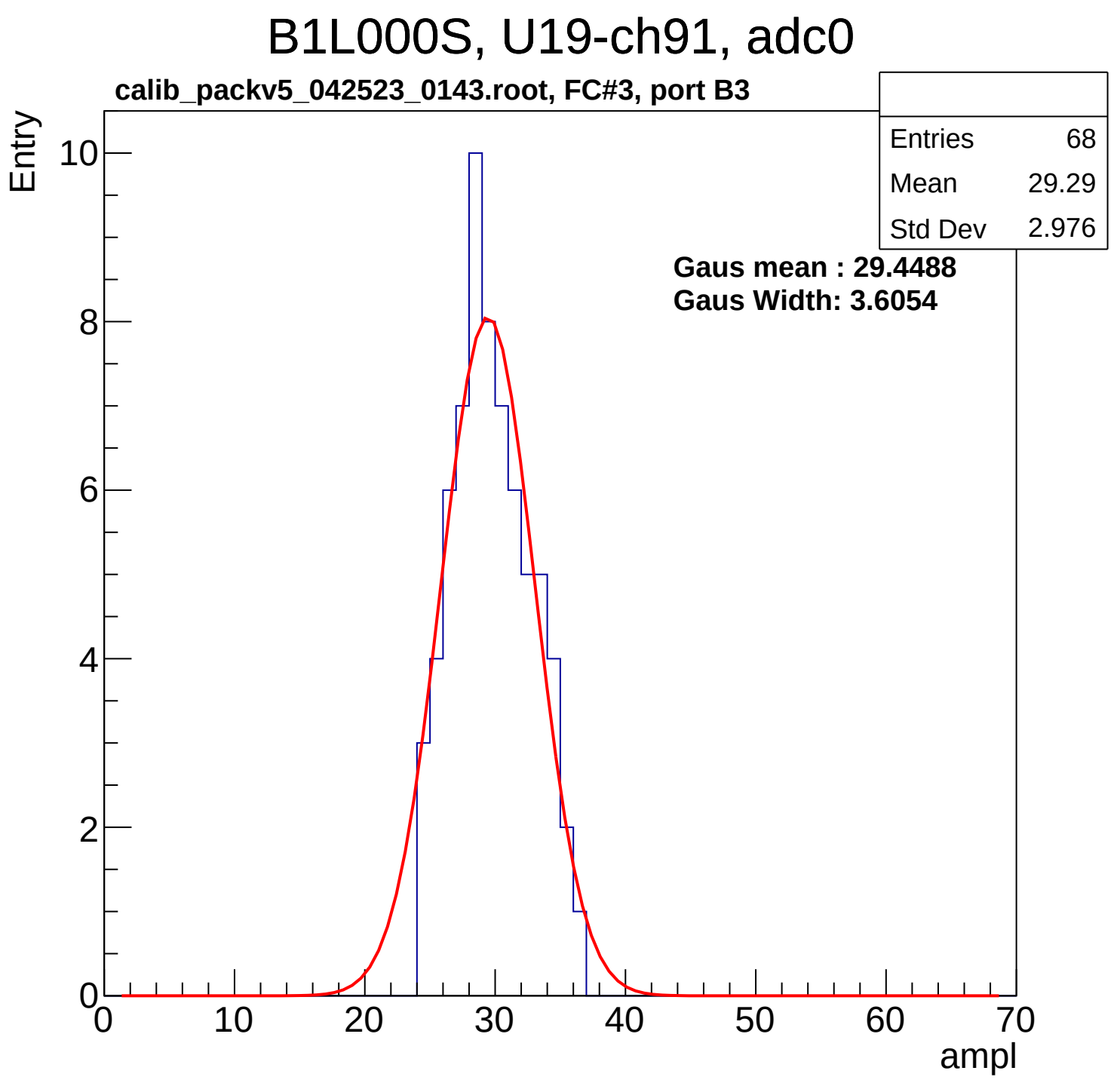
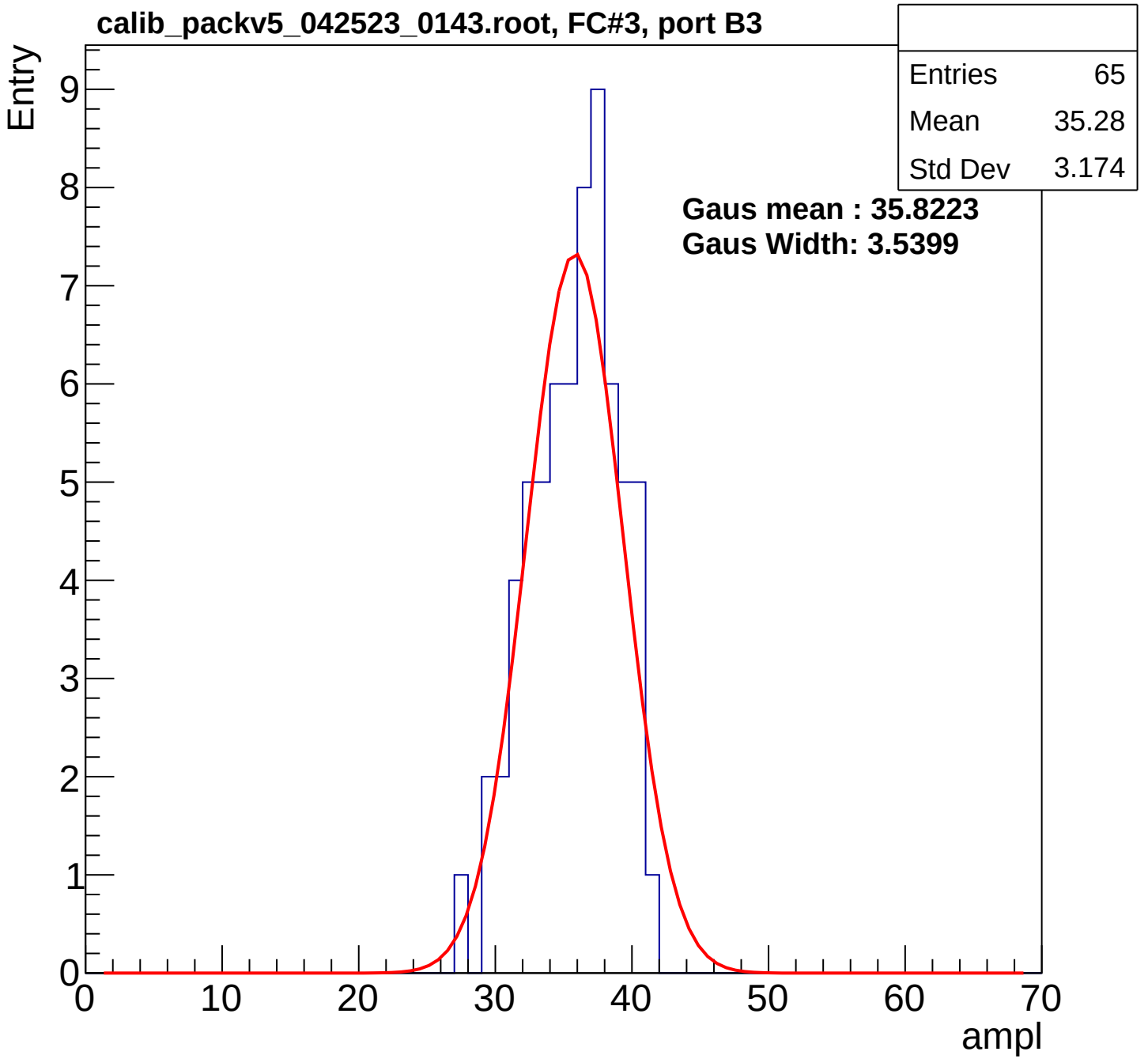
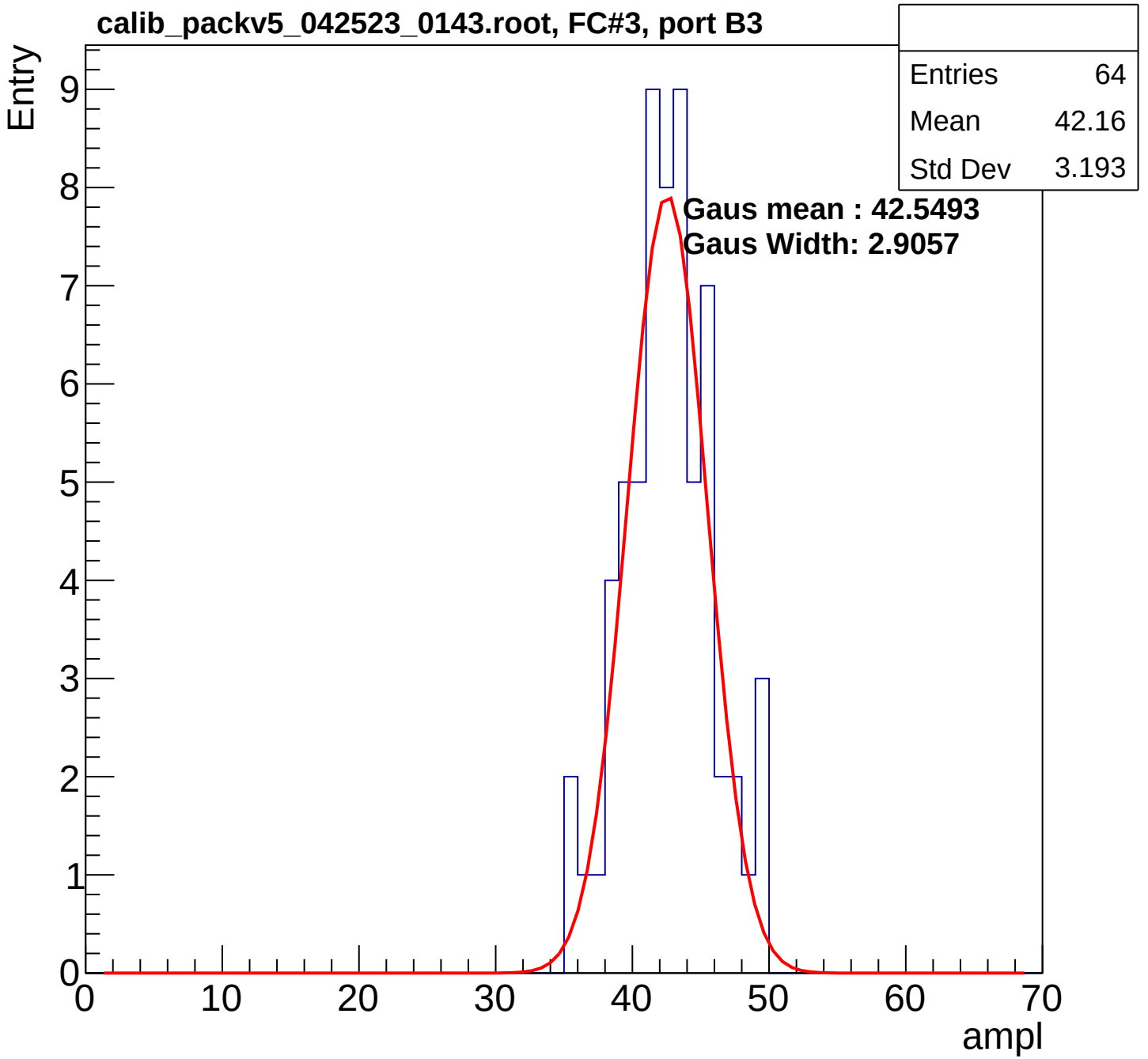

B1L000S, U19-ch90, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 58.22
Std Dev 2.685
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

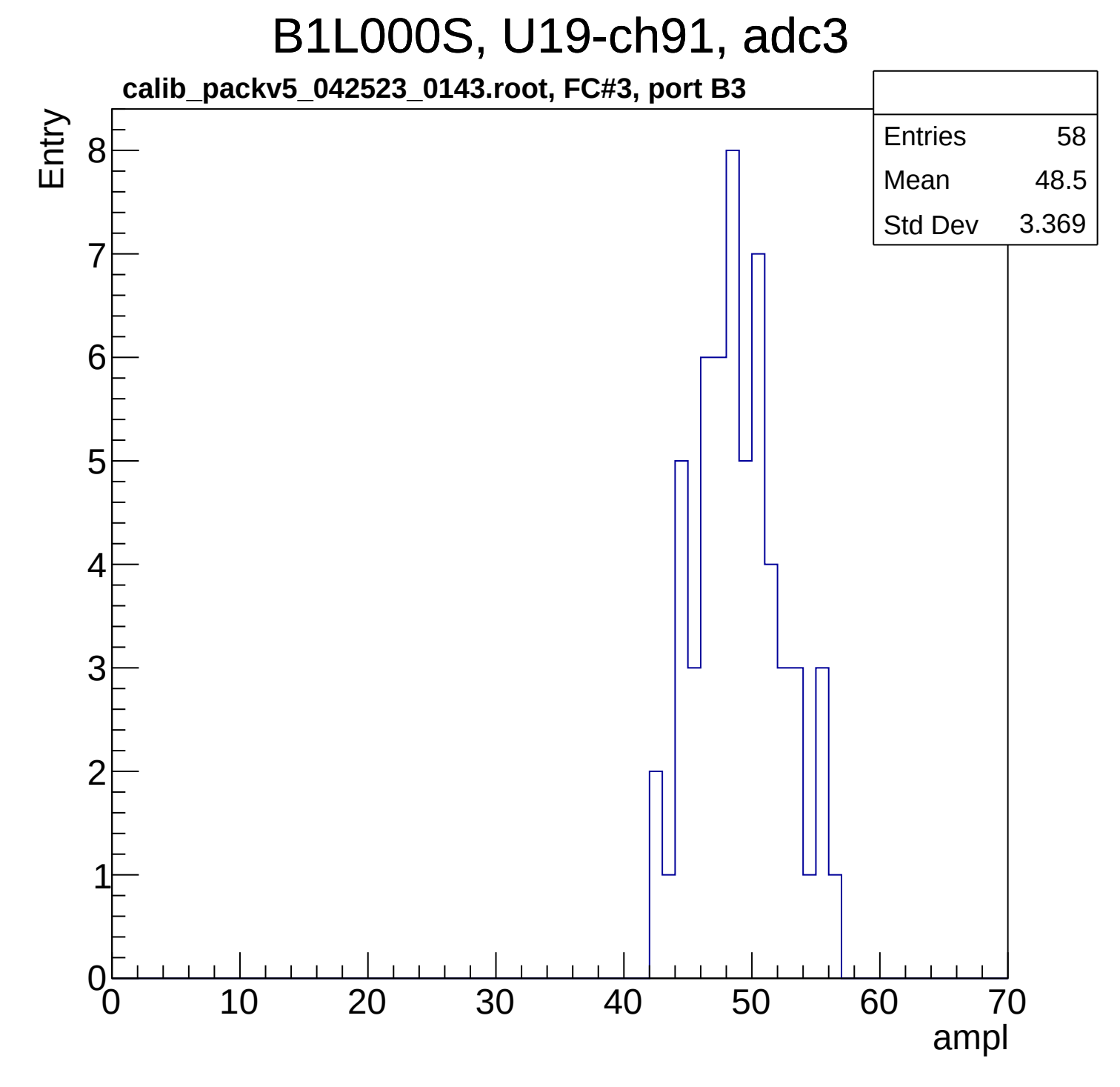

B1L000S, U19-ch90, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 24
Mean 59
Std Dev 12.38
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch90, 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, U19-ch91, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 29.29
Std Dev 2.976
Gaus mean : 29.4488
Gaus Width: 3.6054
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch91, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 35.28
Std Dev 3.174
Gaus mean : 35.8223
Gaus Width: 3.5399
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch91, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 42.16
Std Dev 3.193
Gaus mean : 42.5493
Gaus Width: 2.9057
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch91, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 48.5
Std Dev 3.369
Entry
ampl
0
1
2
3
4
5
6
7
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0
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20
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40
50
60
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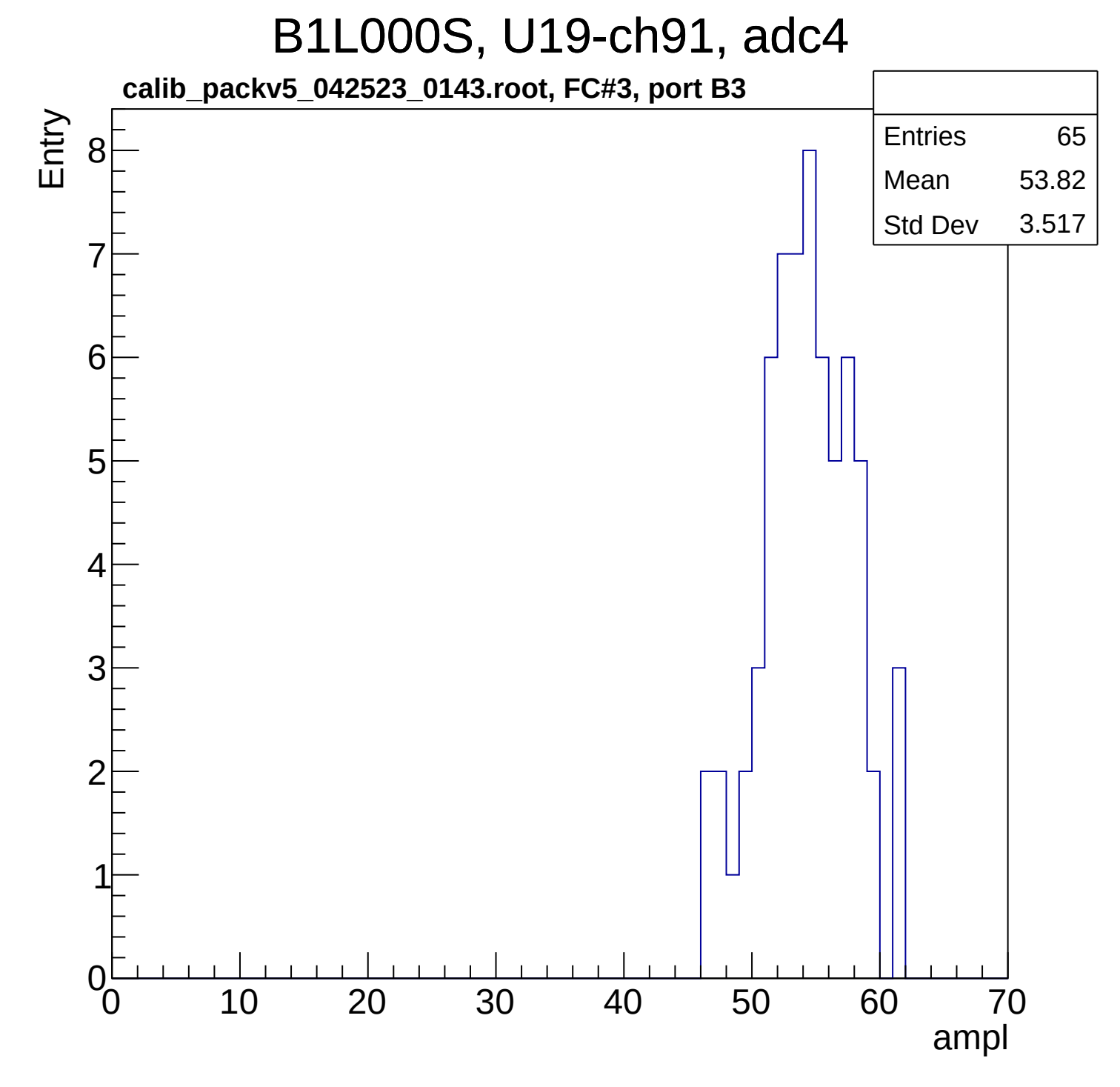
B1L000S, U19-ch91, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 53.82
Std Dev 3.517
Entry
ampl
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2
3
4
5
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7
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0
10
20
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40
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60
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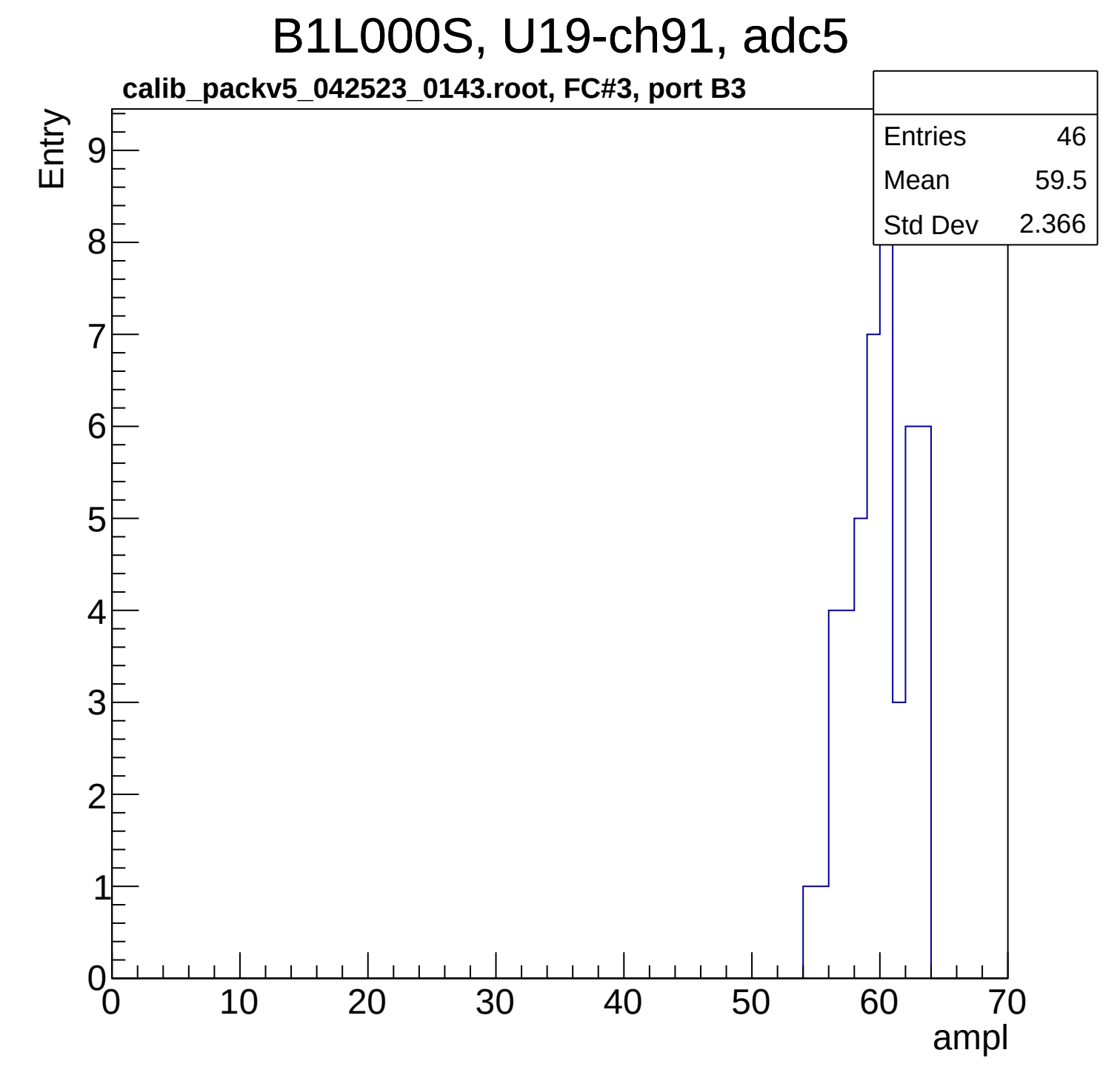
B1L000S, U19-ch91, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 59.5
Std Dev 2.366
Entry
ampl
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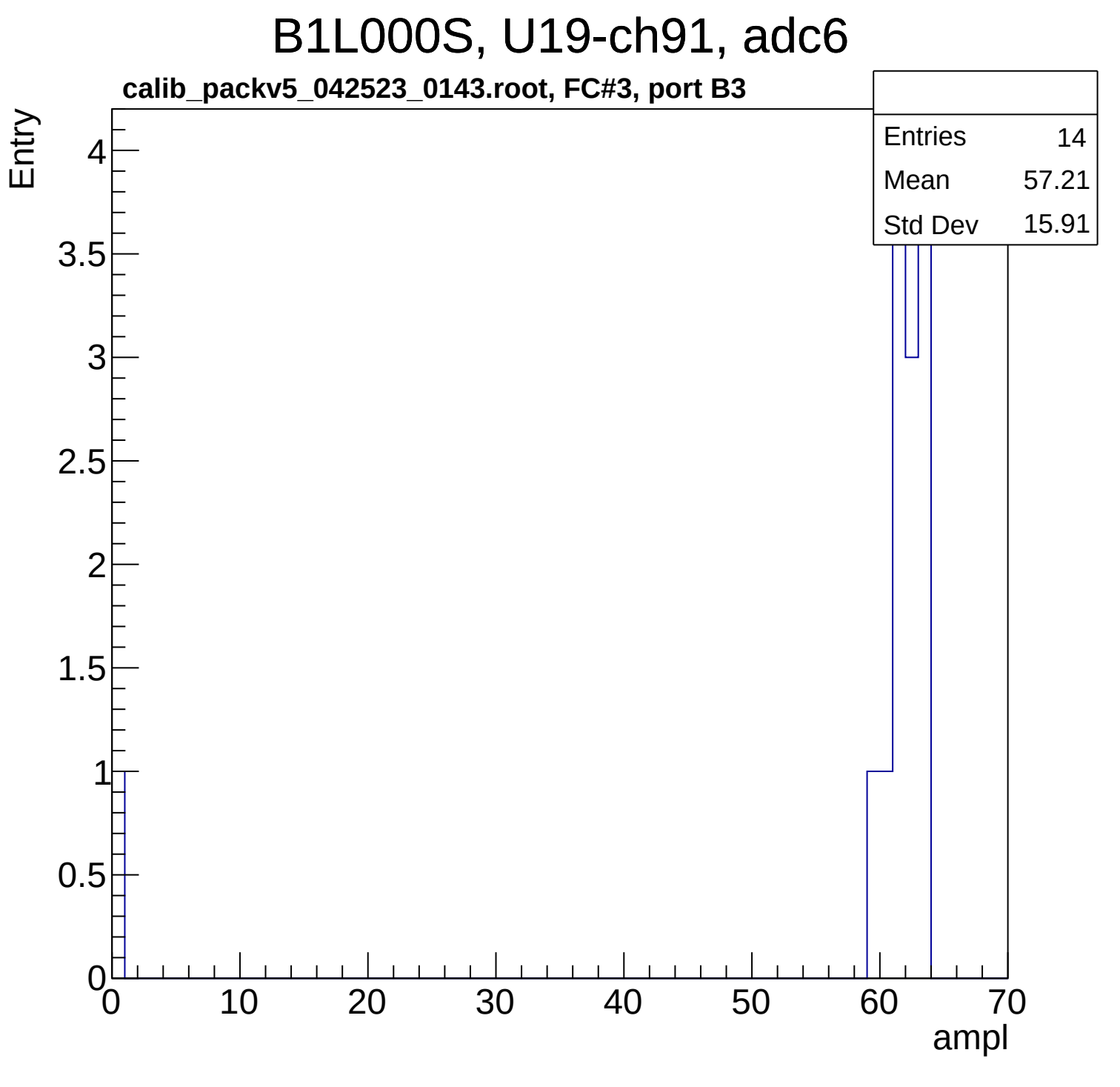
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U19-ch91, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 57.21
Std Dev 15.91
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
4
0
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20
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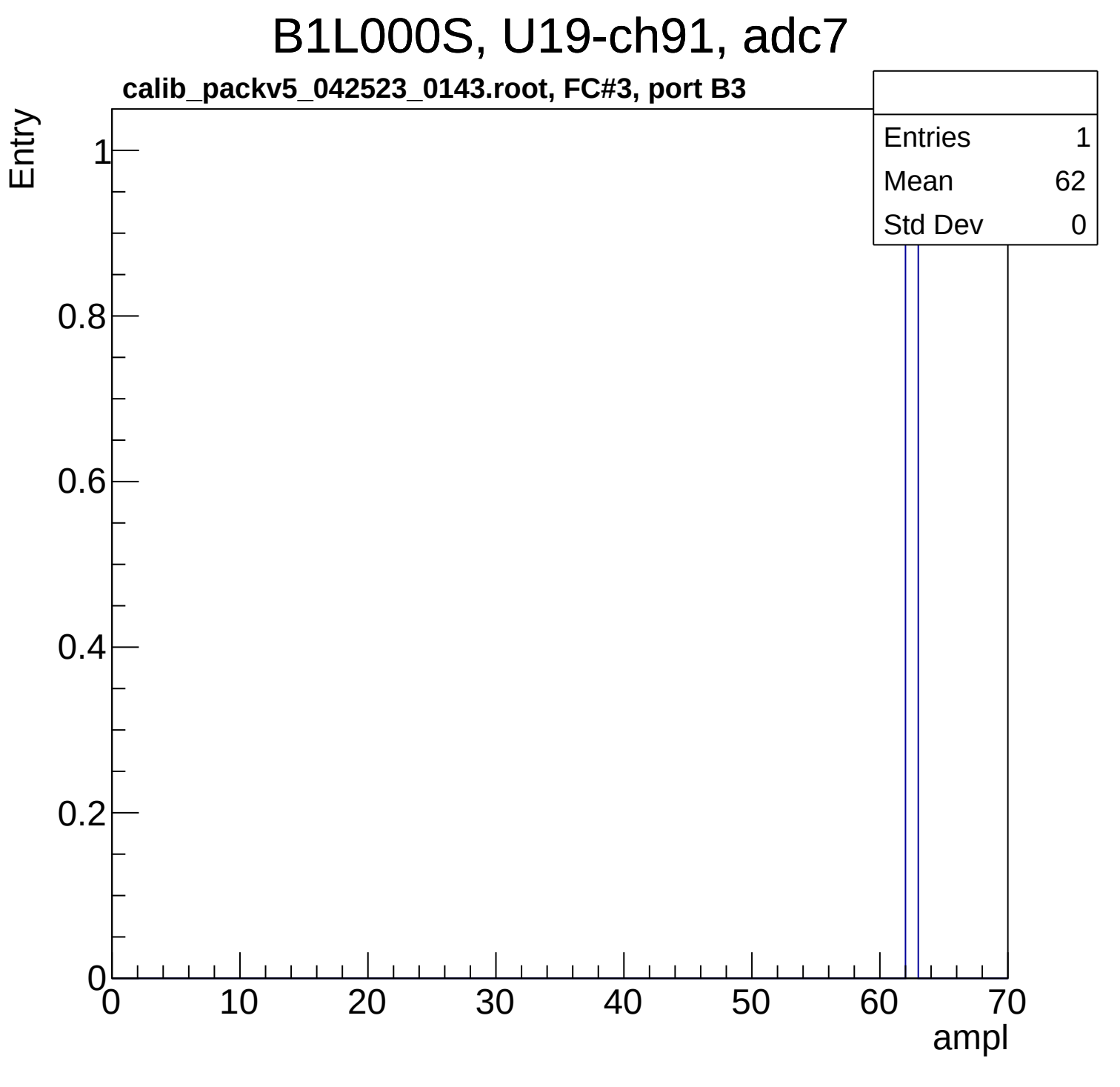
40
50
60
70


B1L000S, U19-ch91, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 62
Std Dev 0
Entry
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0.6
0.4
0.2
0
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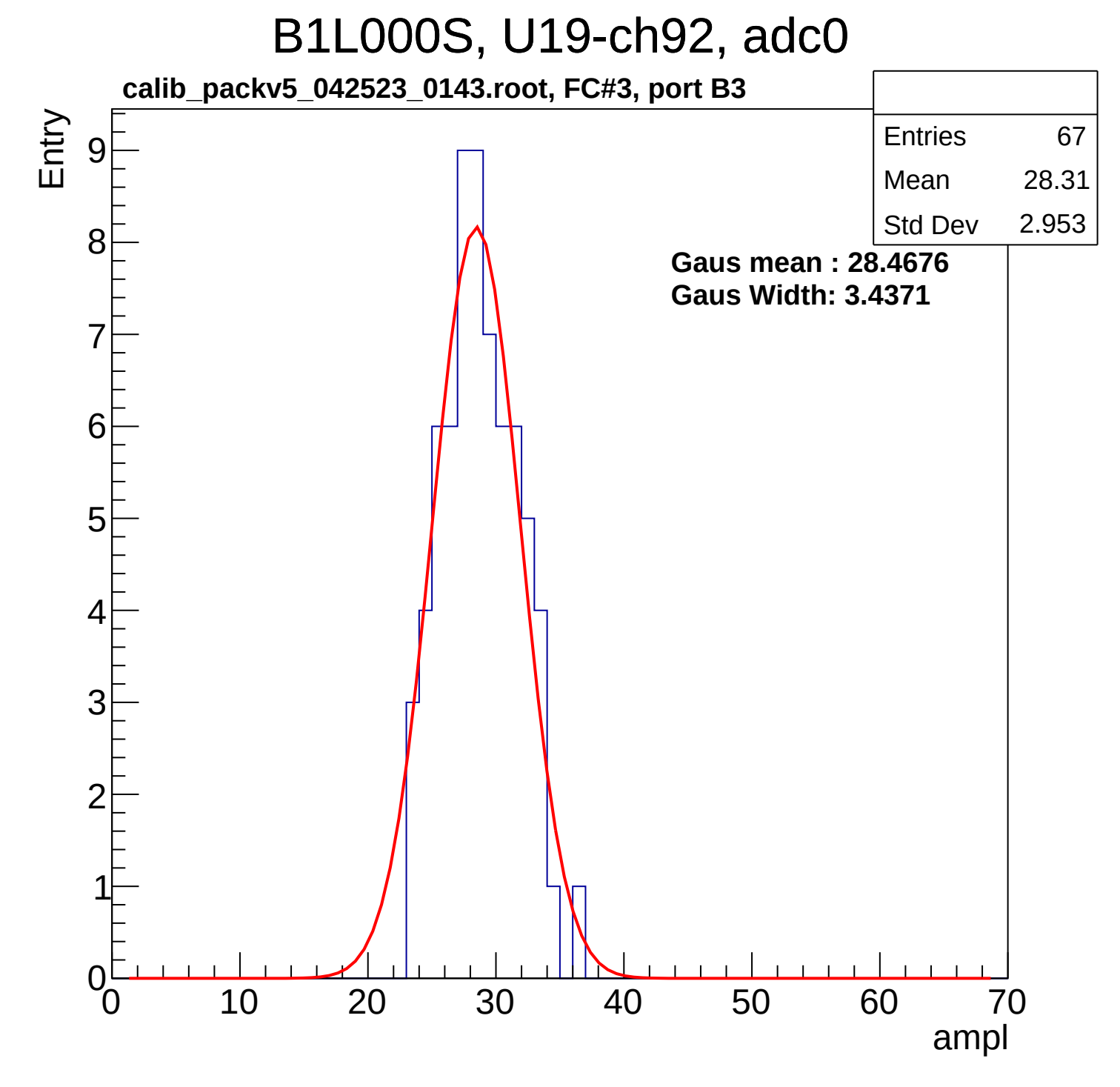
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch92, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 28.31
Std Dev 2.953
Gaus mean : 28.4676
Gaus Width: 3.4371
Entry
ampl
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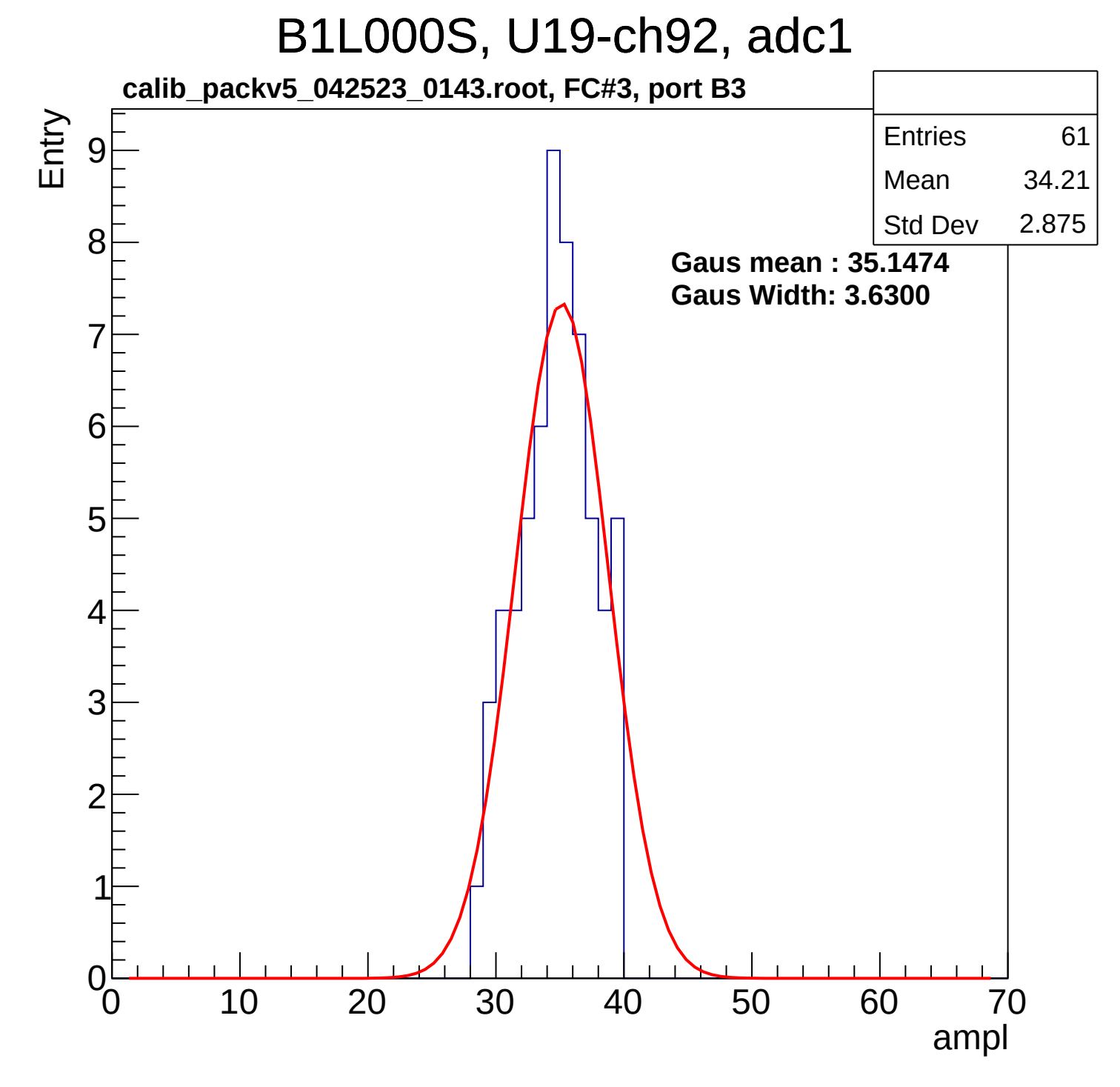
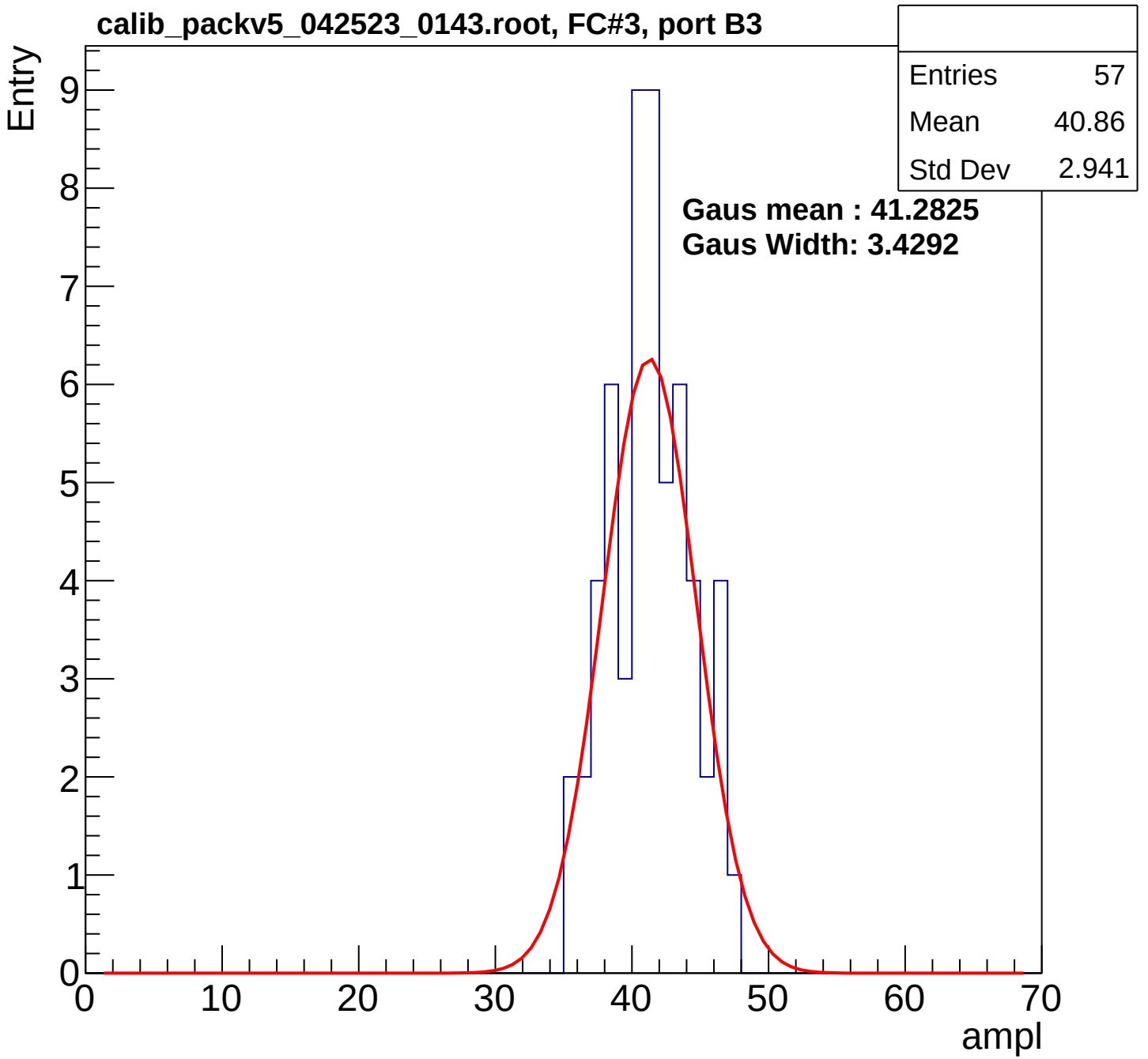
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch92, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 34.21
Std Dev 2.875
Gaus mean : 35.1474
Gaus Width: 3.6300
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch92, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 40.86
Std Dev 2.941
Gaus mean : 41.2825
Gaus Width: 3.4292
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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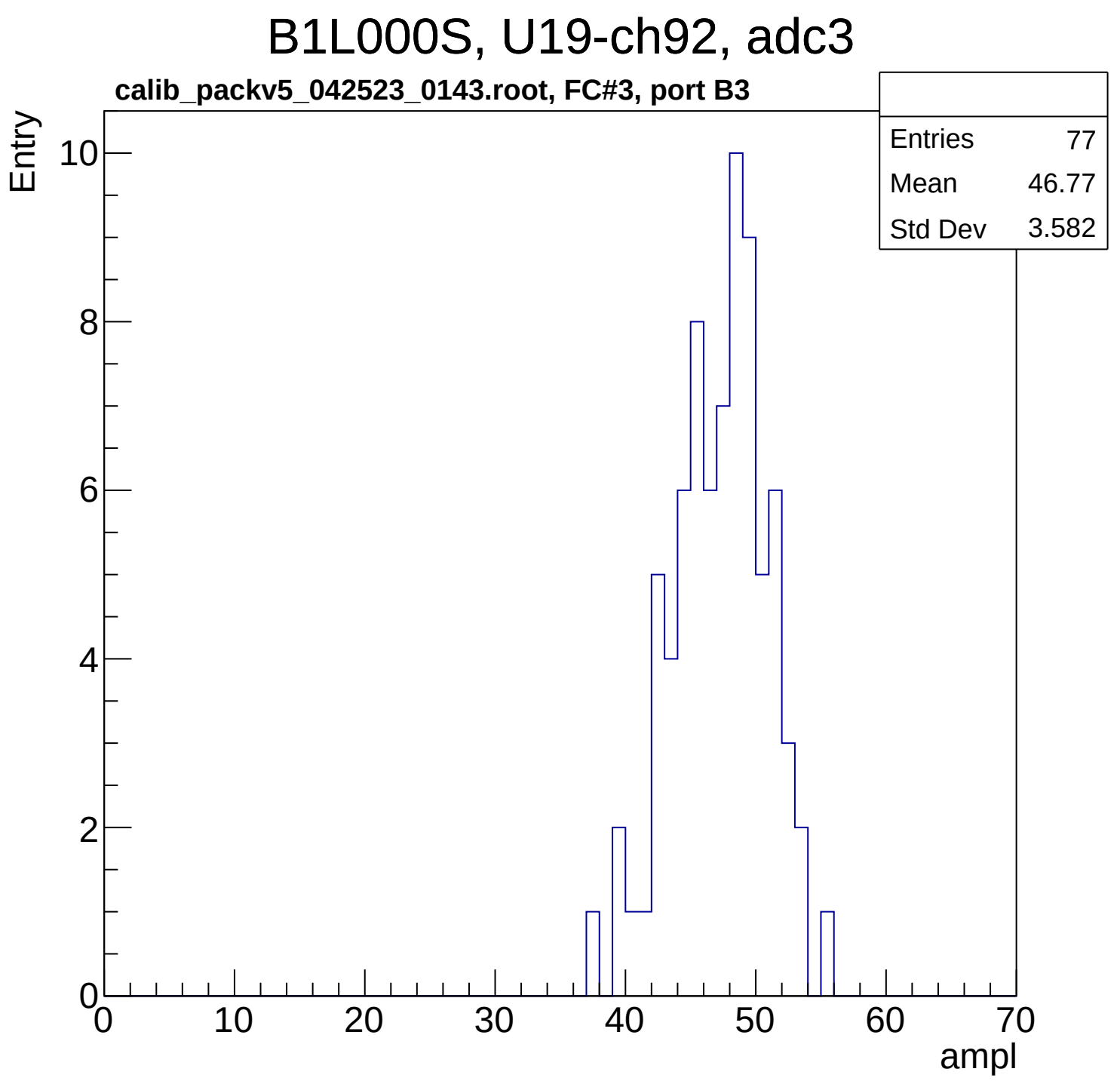
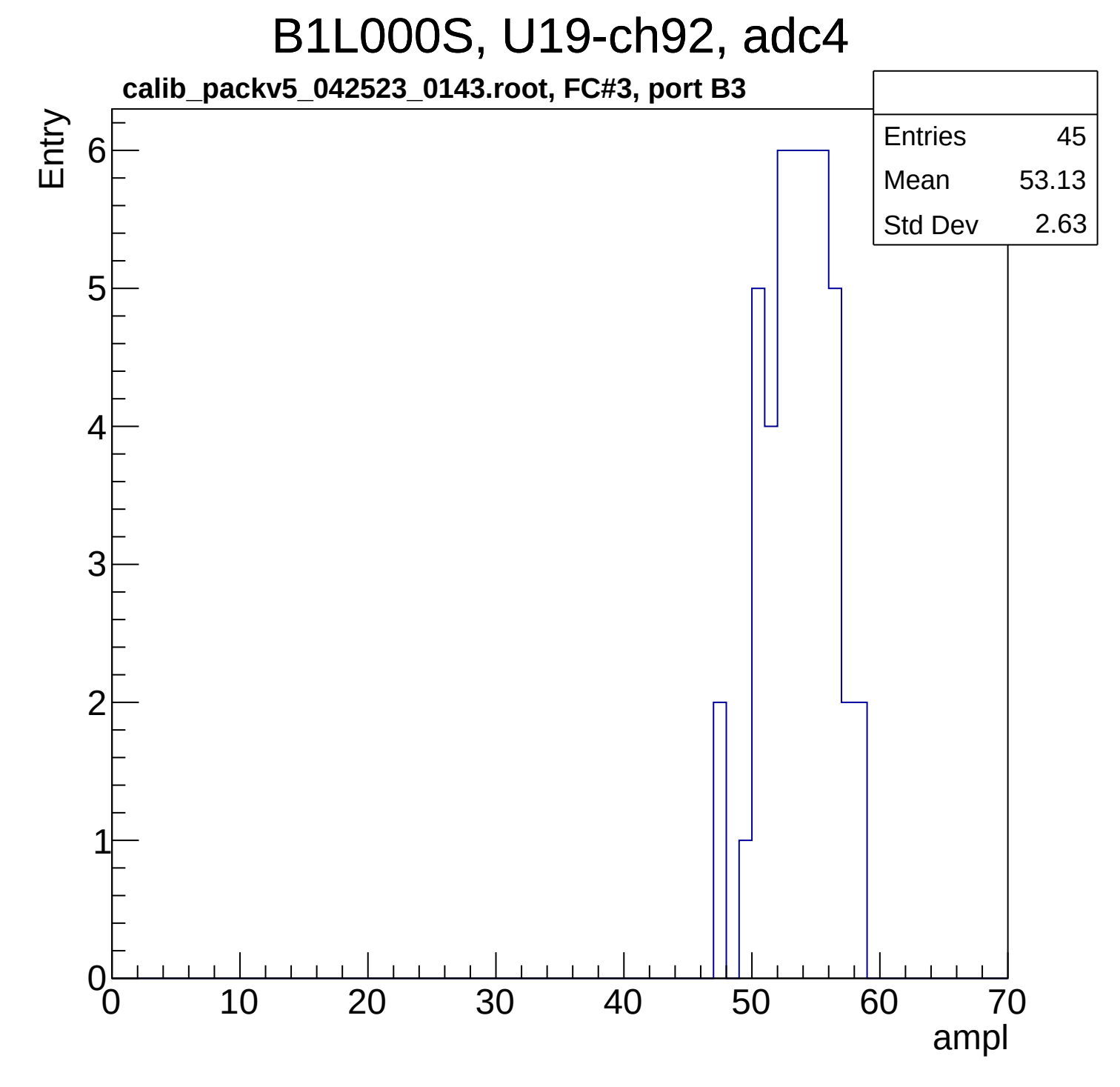
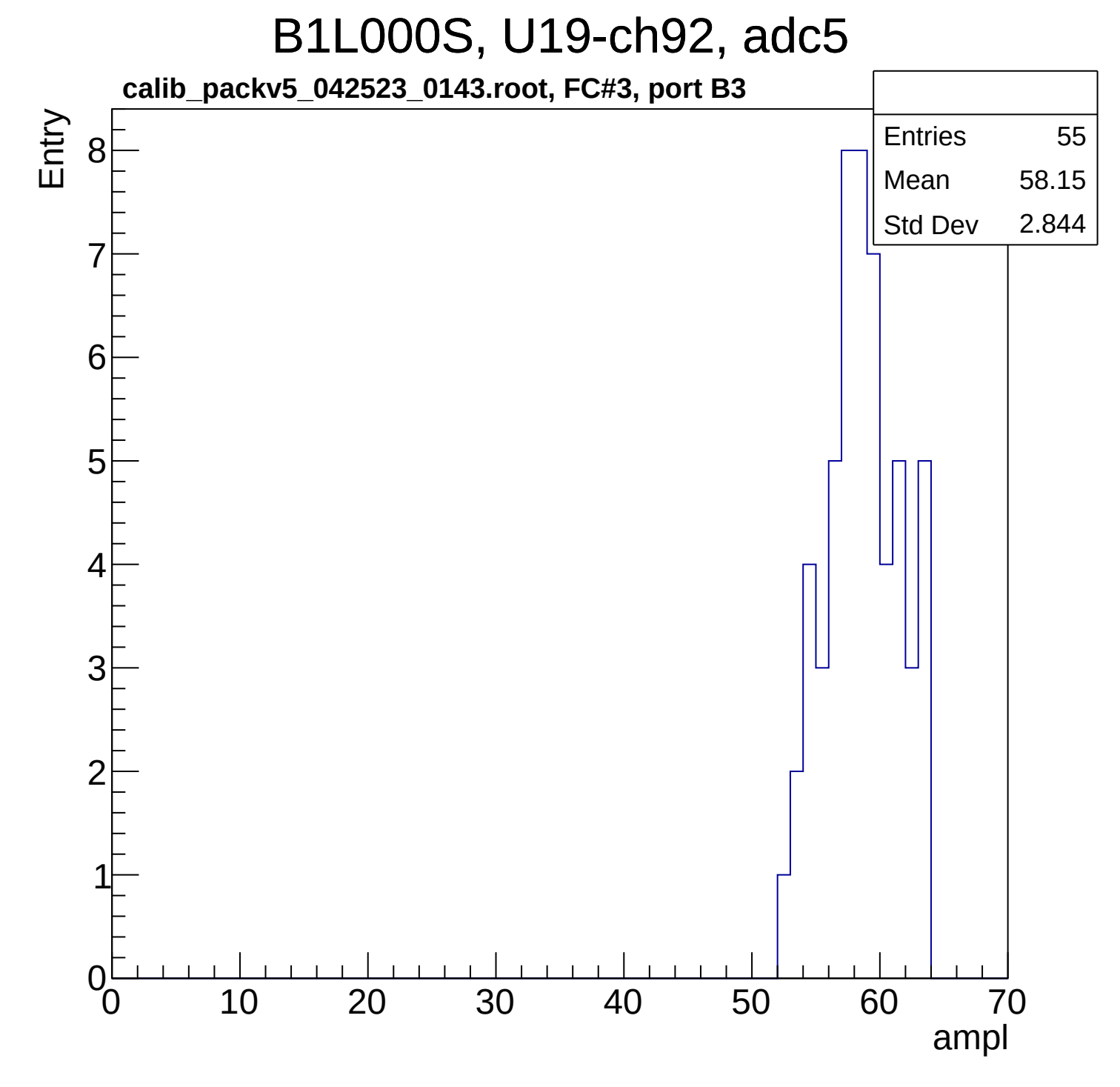

B1L000S, U19-ch92, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 46.77
Std Dev 3.582
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch92, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 53.13
Std Dev 2.63
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch92, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 58.15
Std Dev 2.844
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
50
60
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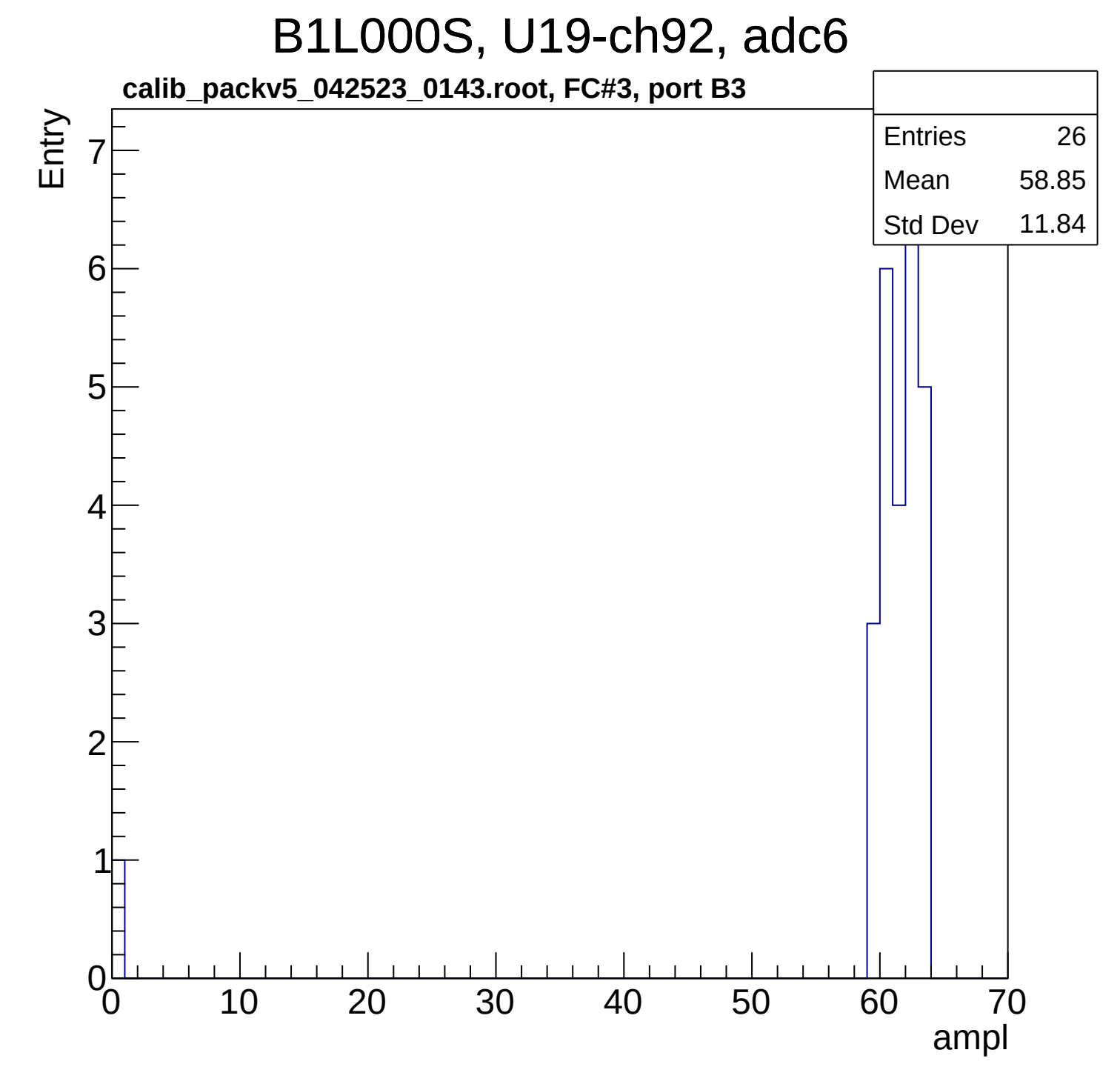
B1L000S, U19-ch92, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 26
Mean 58.85
Std Dev 11.84
Entry
ampl
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2
3
4
5
6
7
0
10
20
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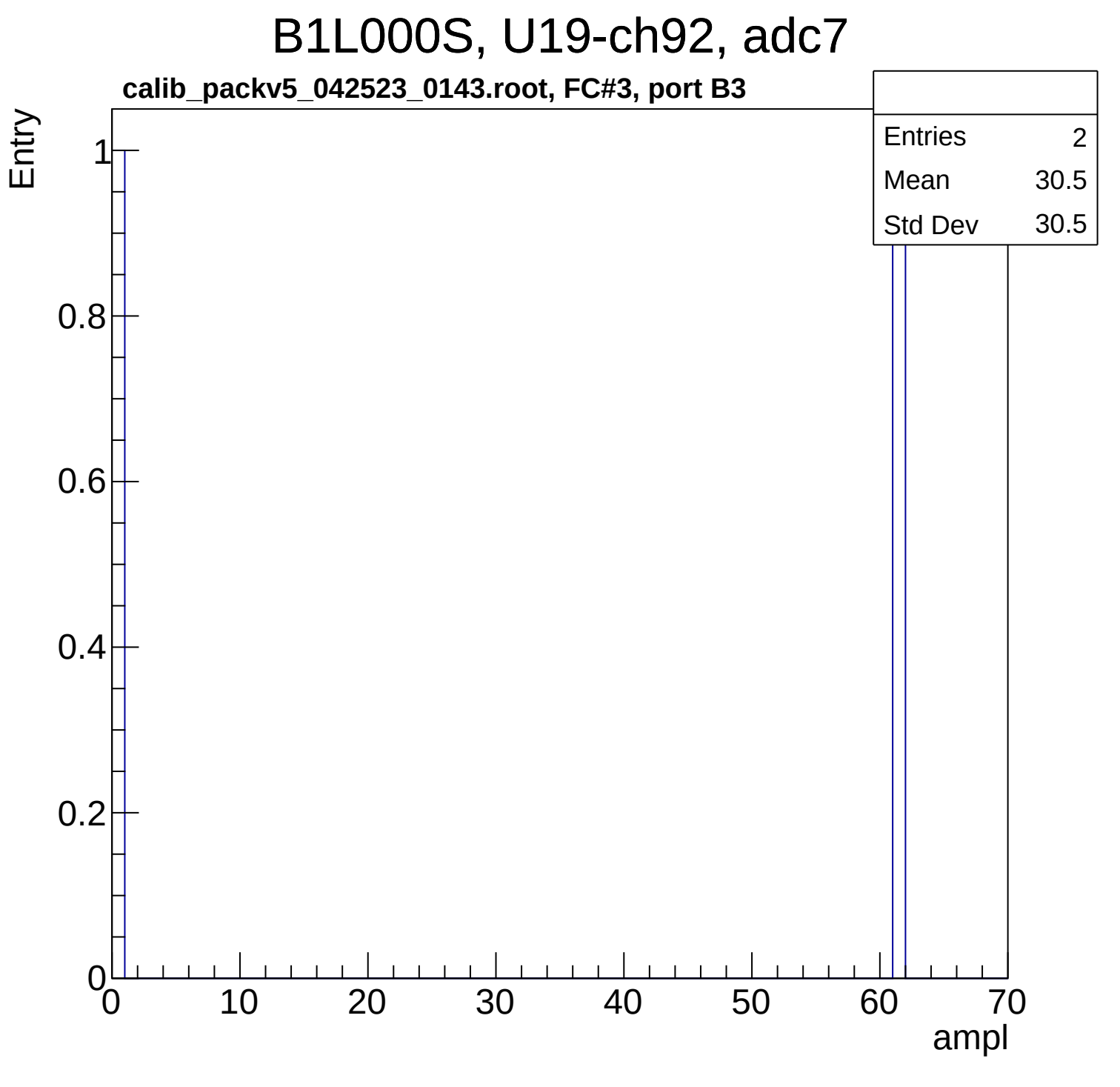
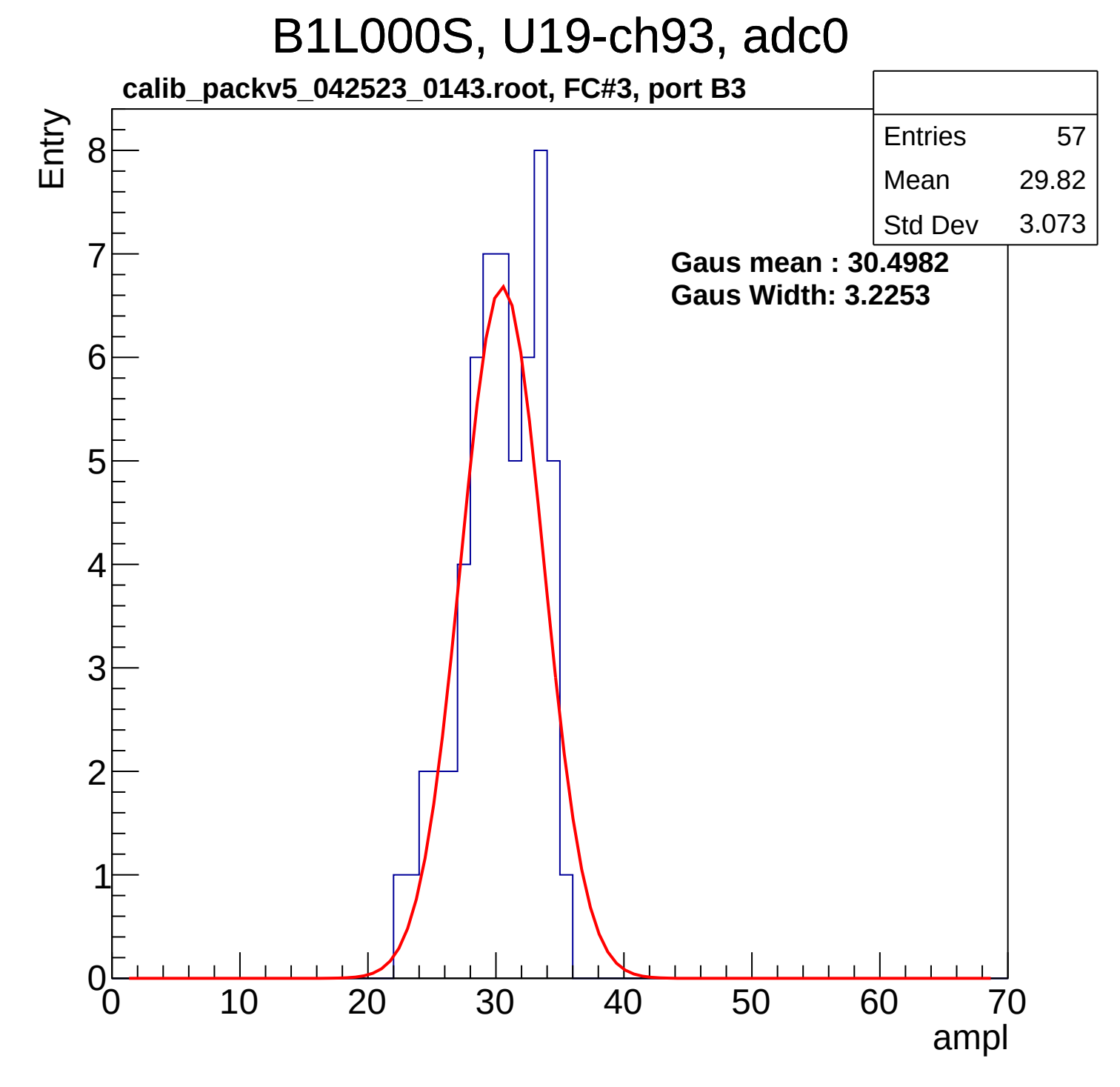
40
50
60
70


B1L000S, U19-ch92, 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, U19-ch93, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 29.82
Std Dev 3.073
Gaus mean : 30.4982
Gaus Width: 3.2253
Entry
ampl
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1
2
3
4
5
6
7
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0
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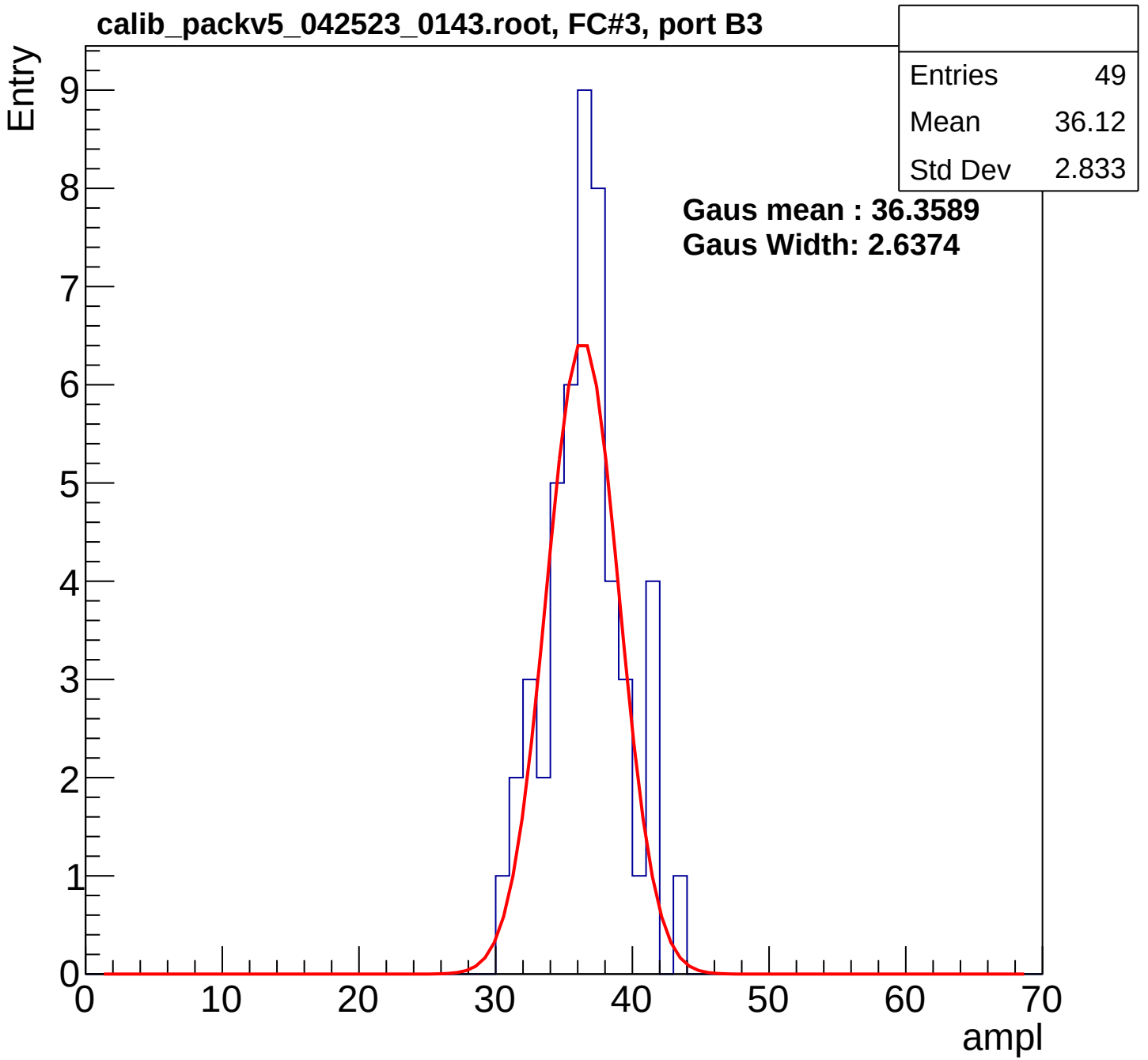
B1L000S, U19-ch93, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 36.12
Std Dev 2.833
Gaus mean : 36.3589
Gaus Width: 2.6374
Entry
ampl
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10
20
30
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50
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2
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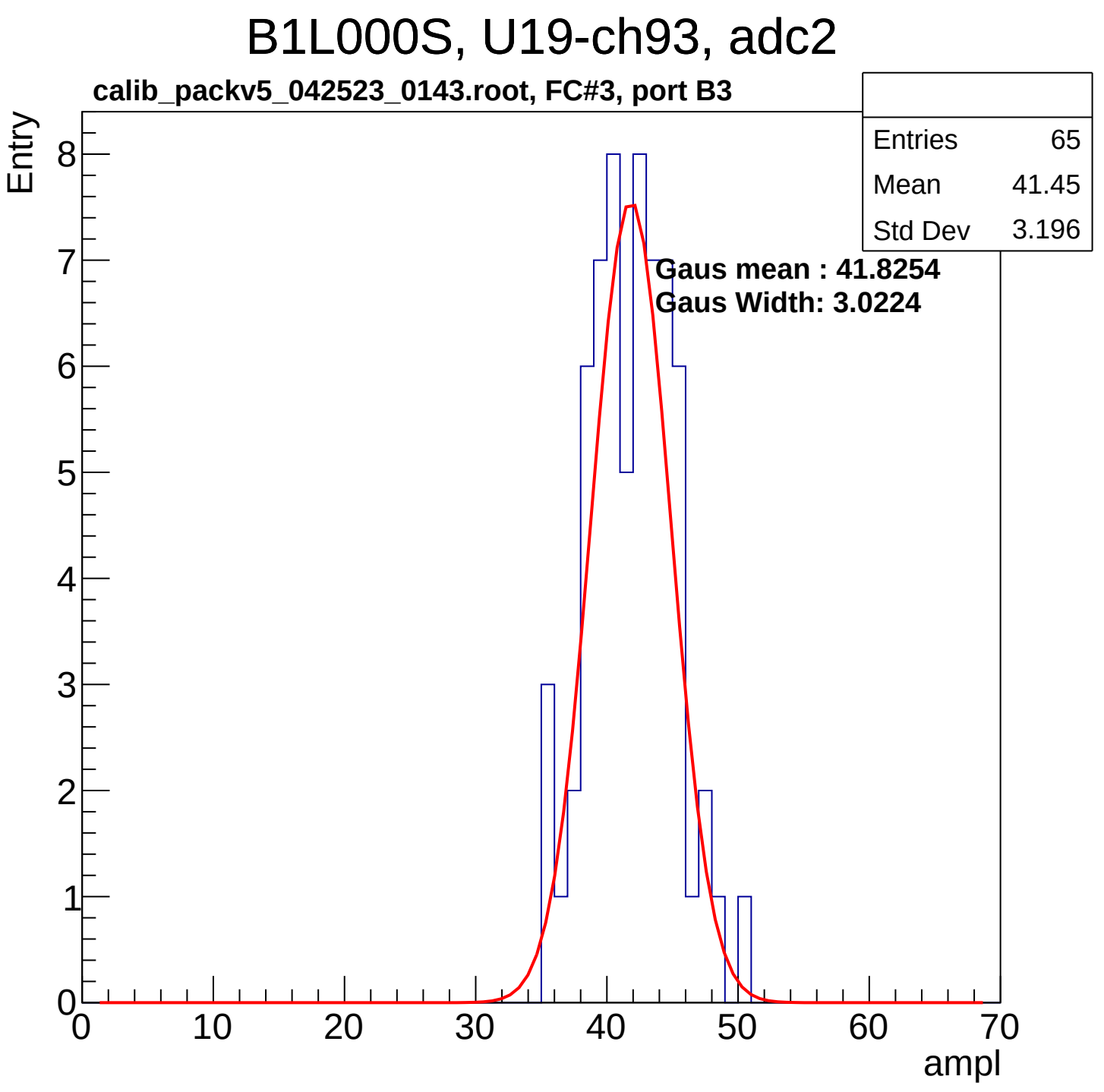
6
7
8
9


B1L000S, U19-ch93, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 41.45
Std Dev 3.196
Gaus mean : 41.8254
Gaus Width: 3.0224
Entry
ampl
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2
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5
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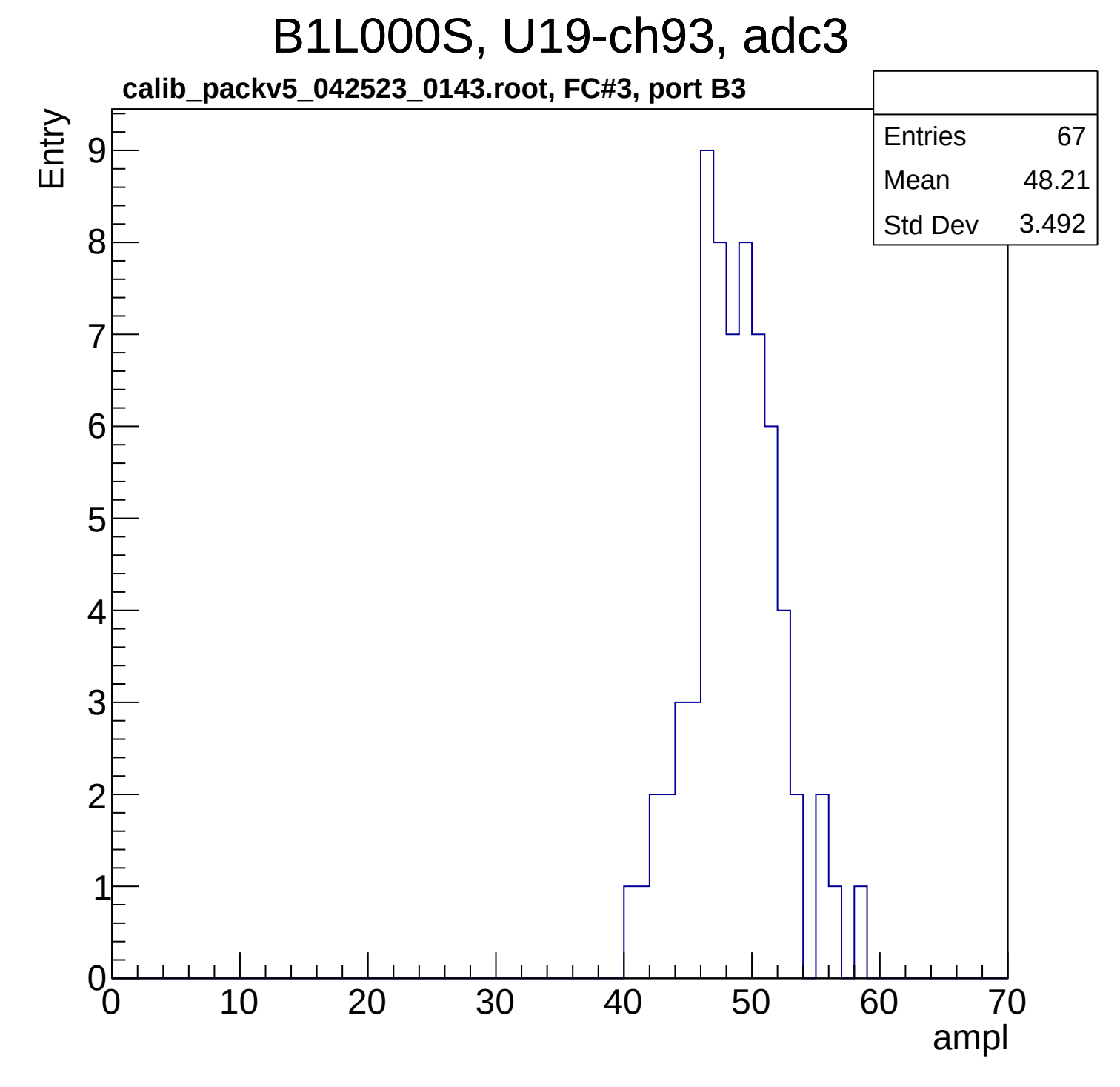
B1L000S, U19-ch93, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 48.21
Std Dev 3.492
Entry
ampl
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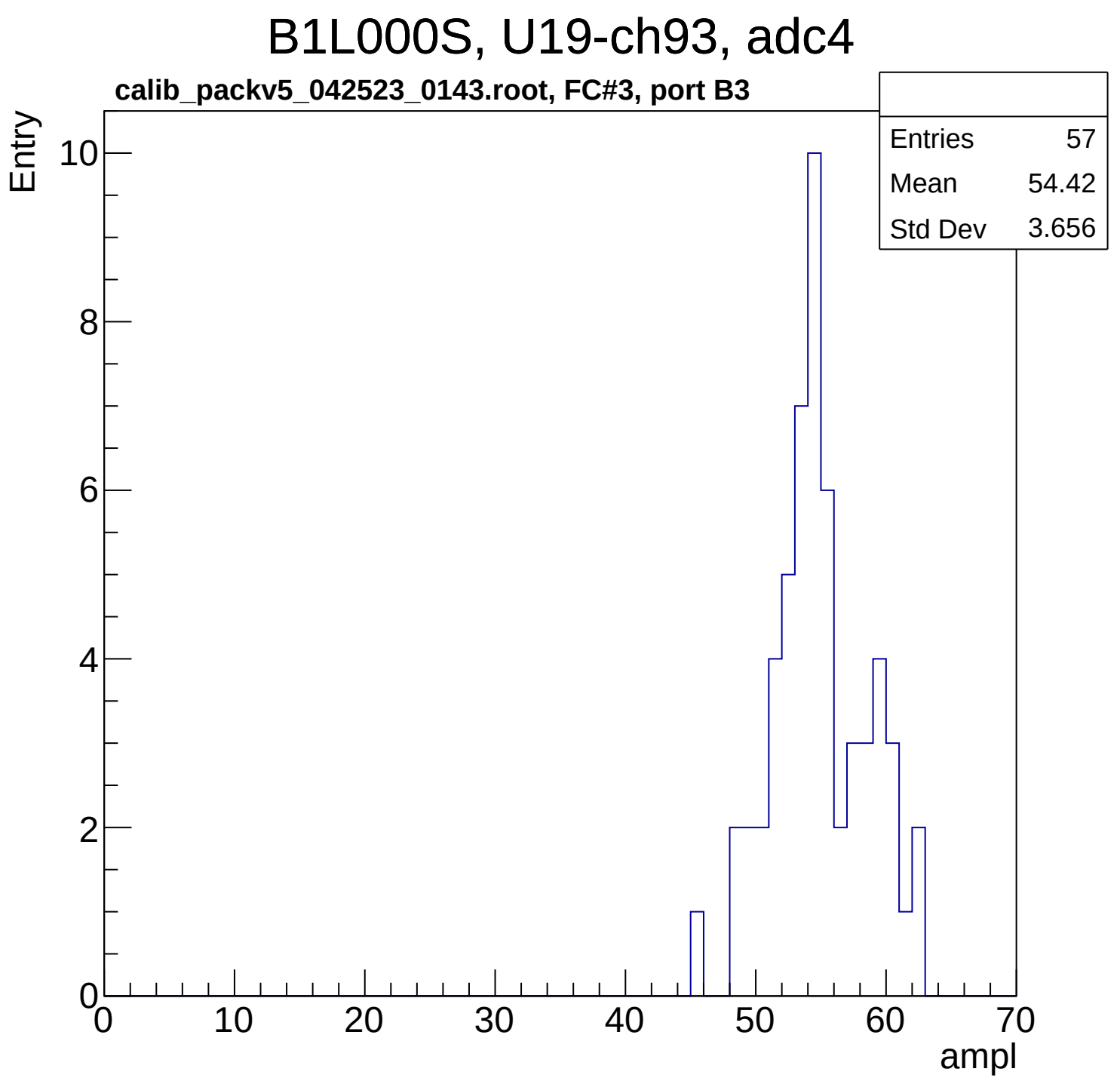
B1L000S, U19-ch93, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 54.42
Std Dev 3.656
Entry
ampl
0
2
4
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0
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40
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60
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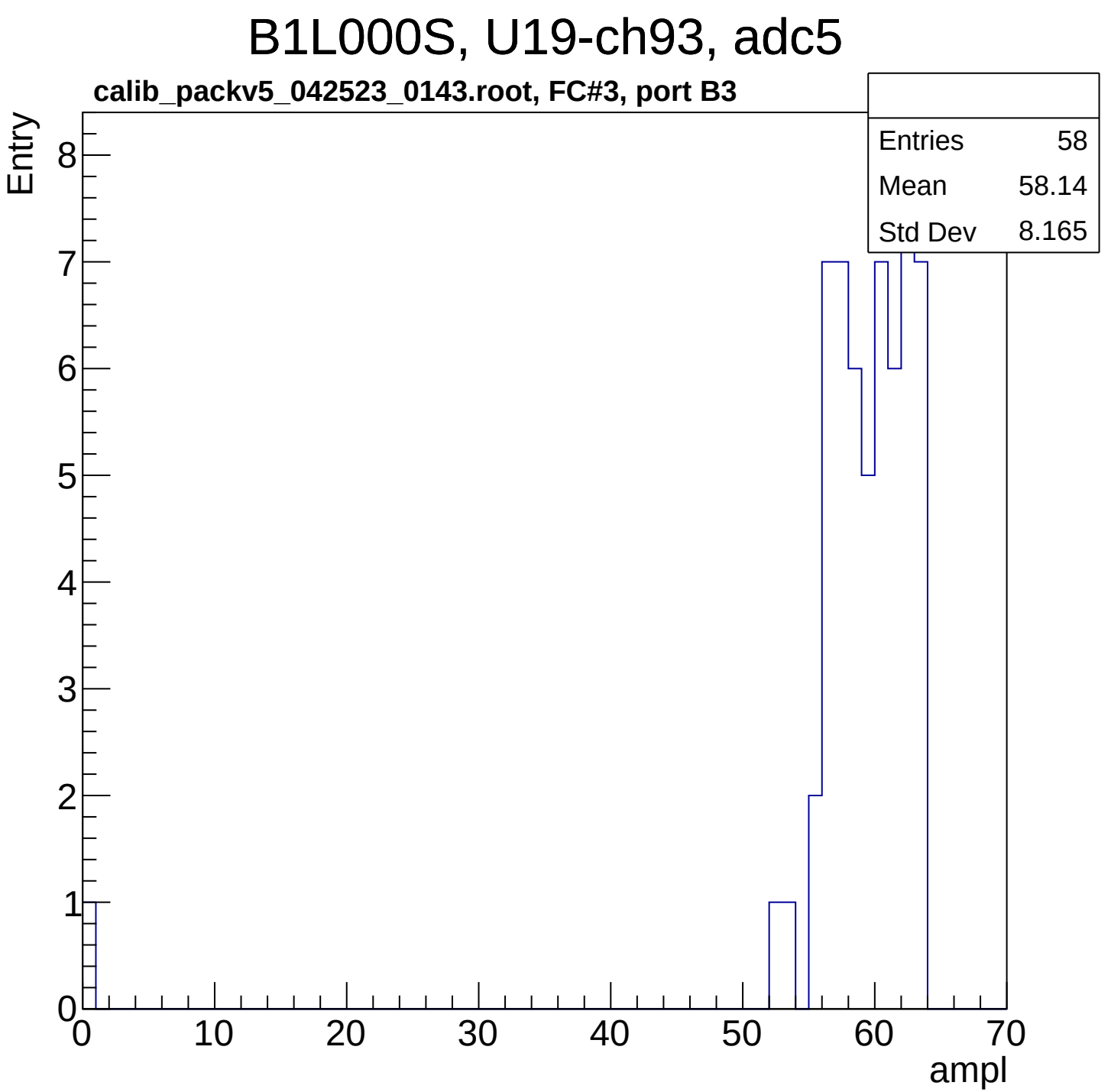
B1L000S, U19-ch93, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 58.14
Std Dev 8.165
Entry
0
1
2
3
4
5
6
7
8
0
10
20
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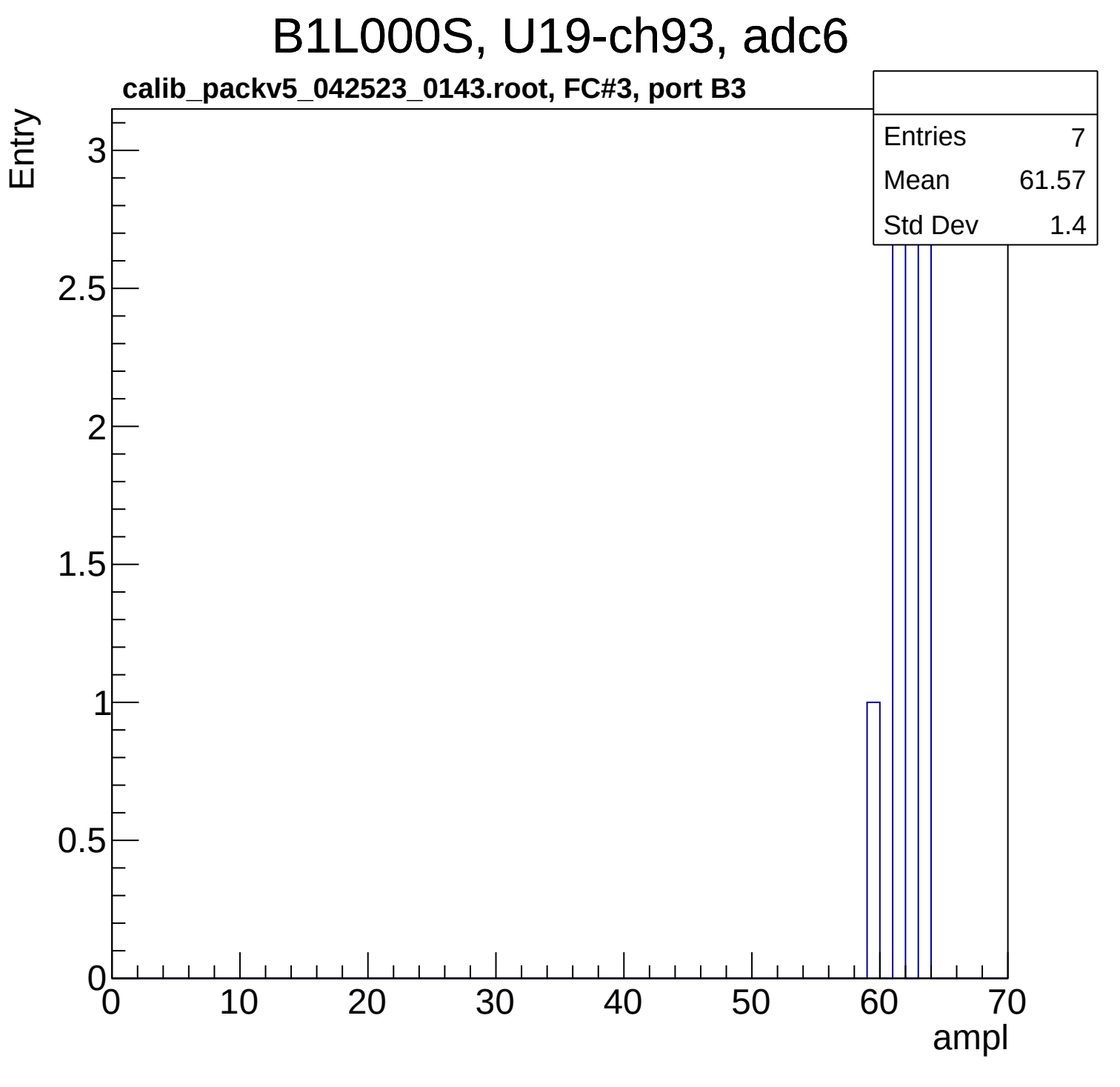
50
60
70
ampl


B1L000S, U19-ch93, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 7
Mean 61.57
Std Dev 1.4
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
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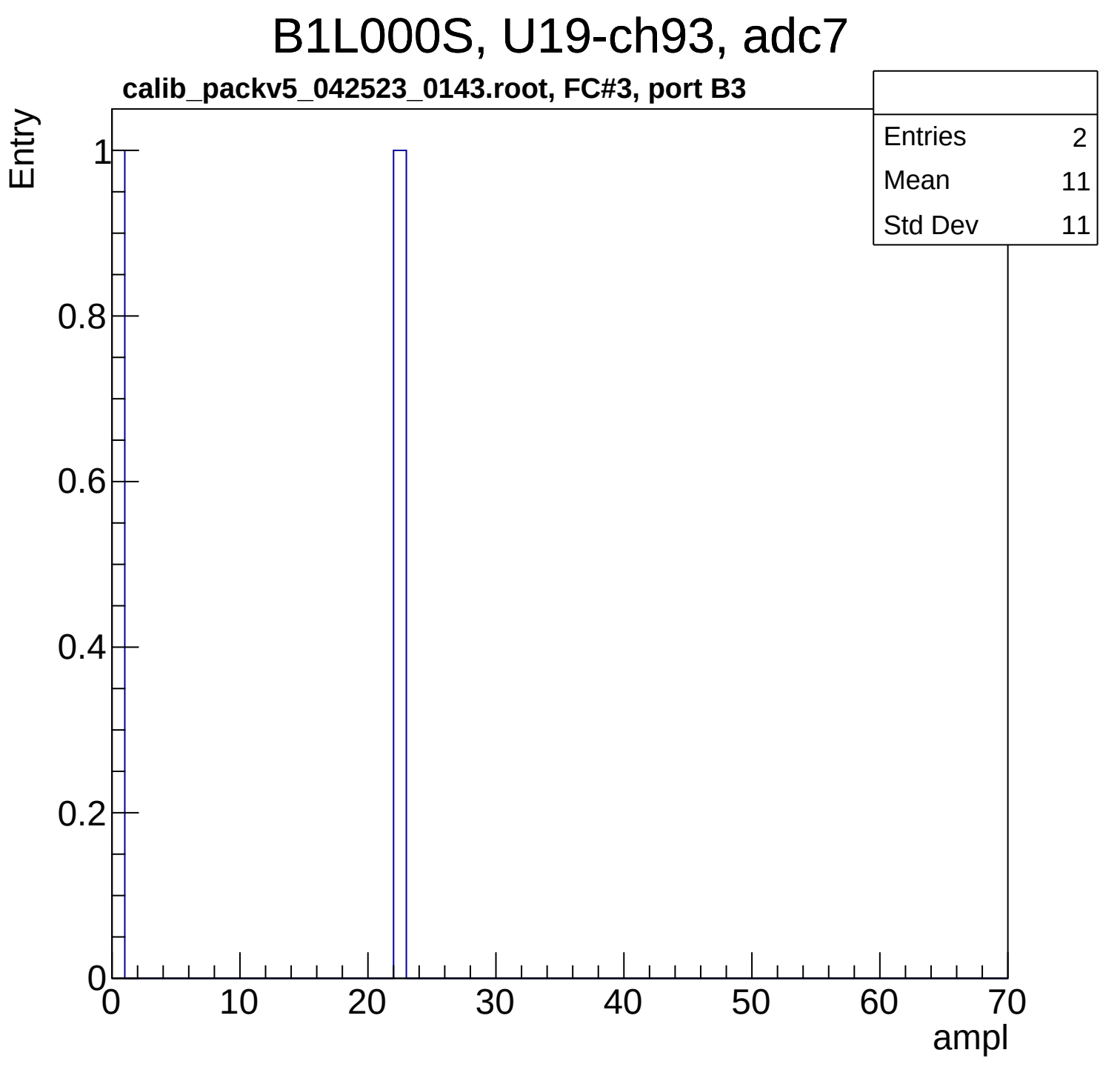
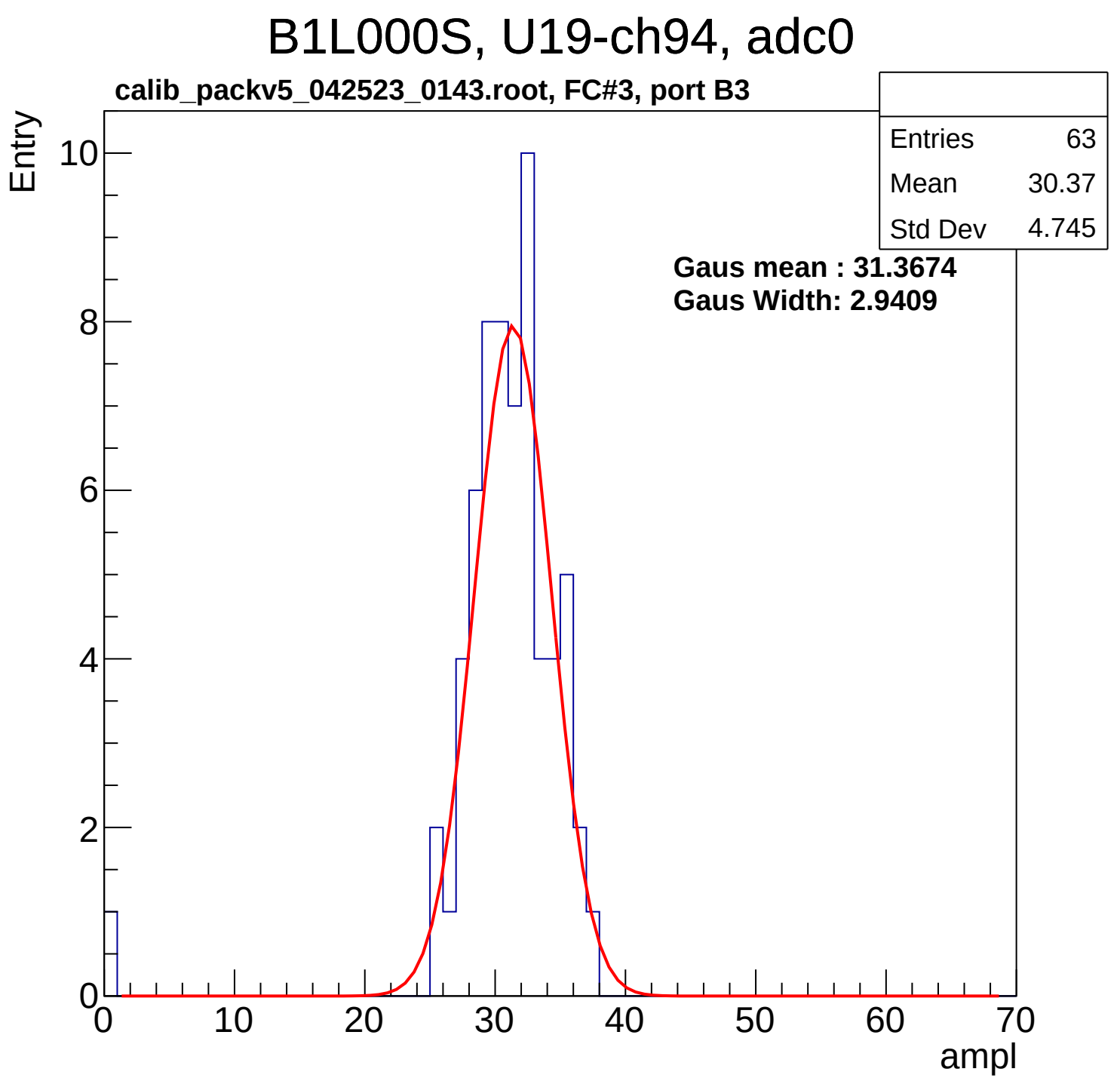
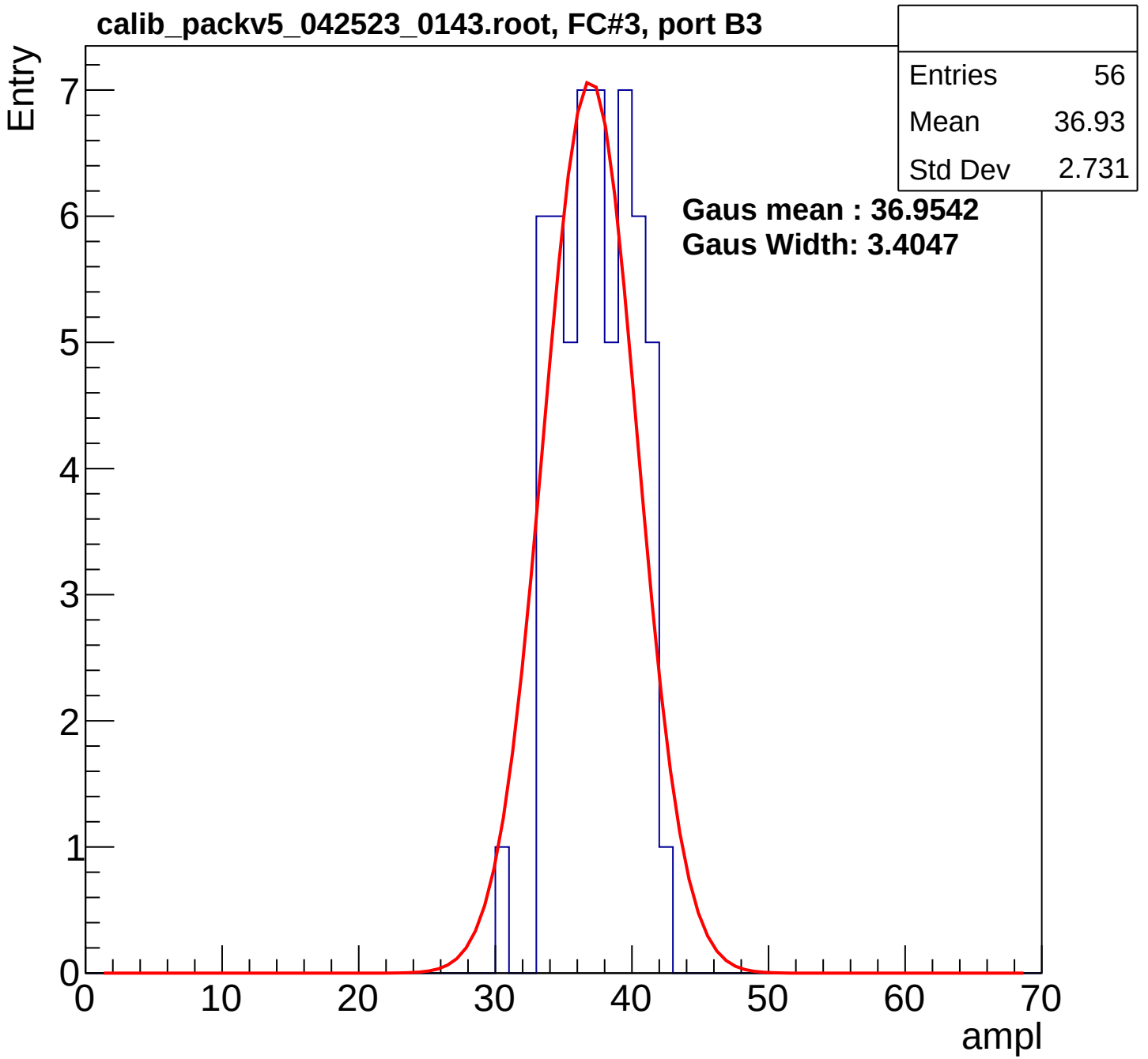
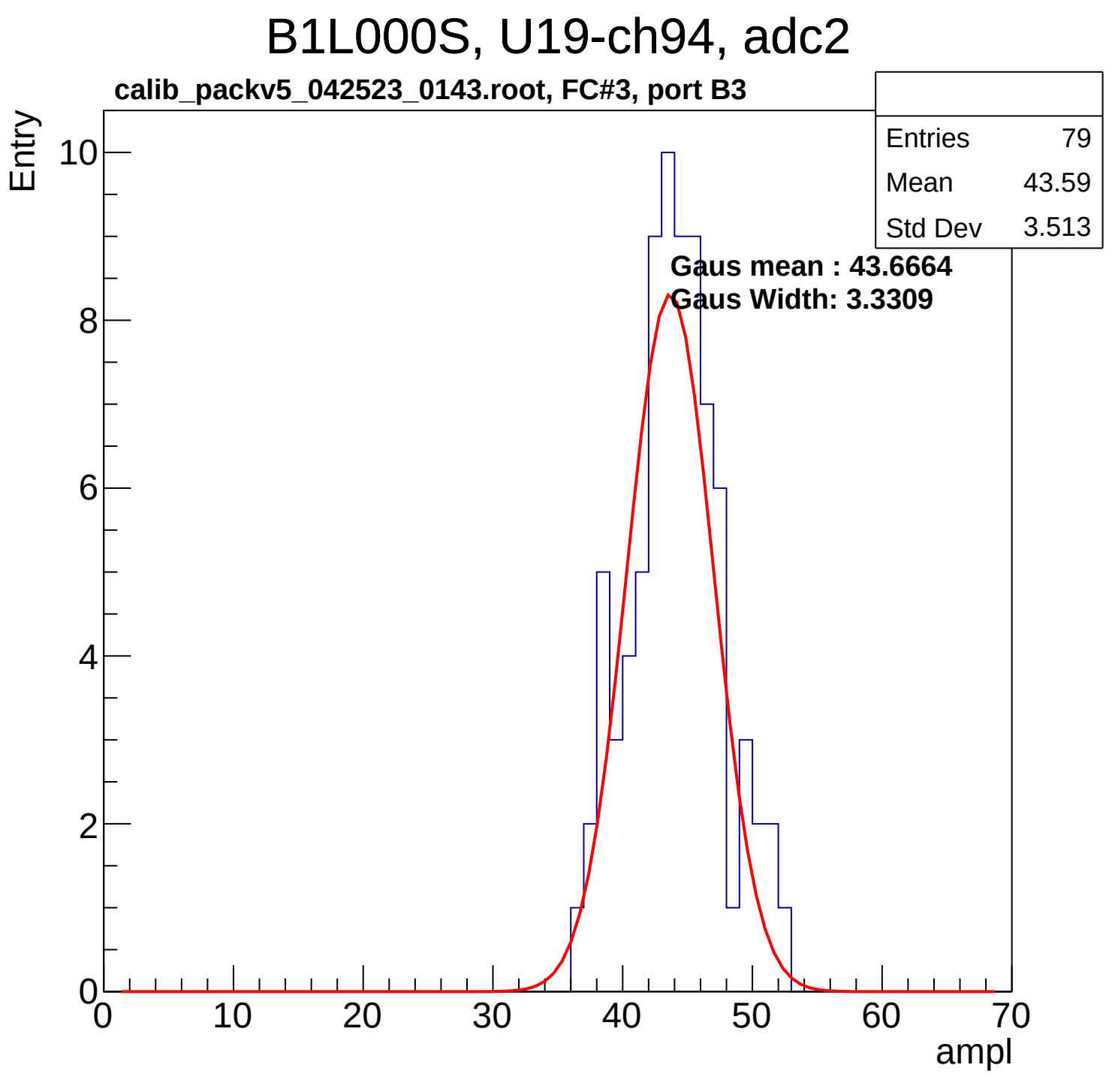
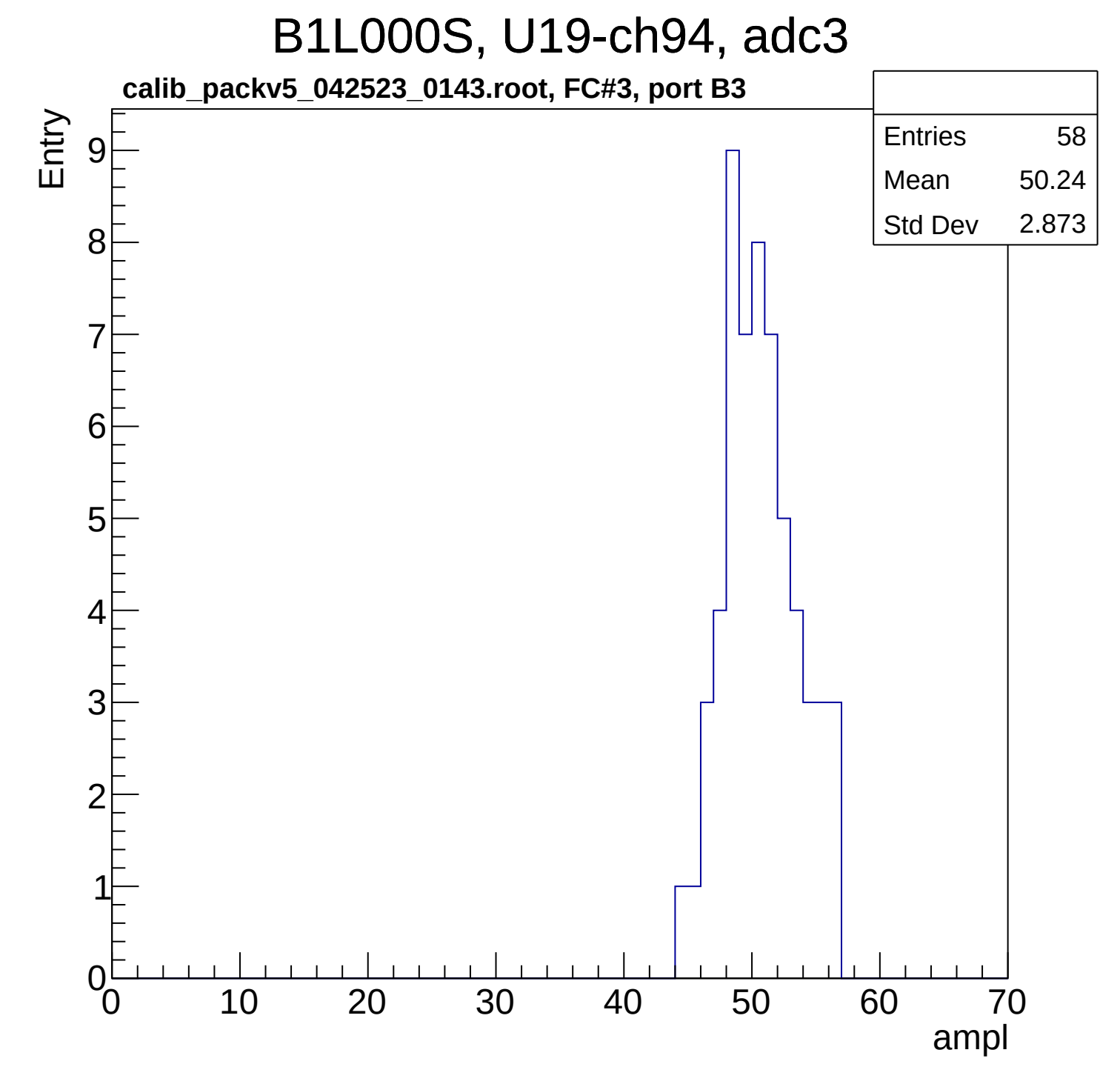
40
50
60
70

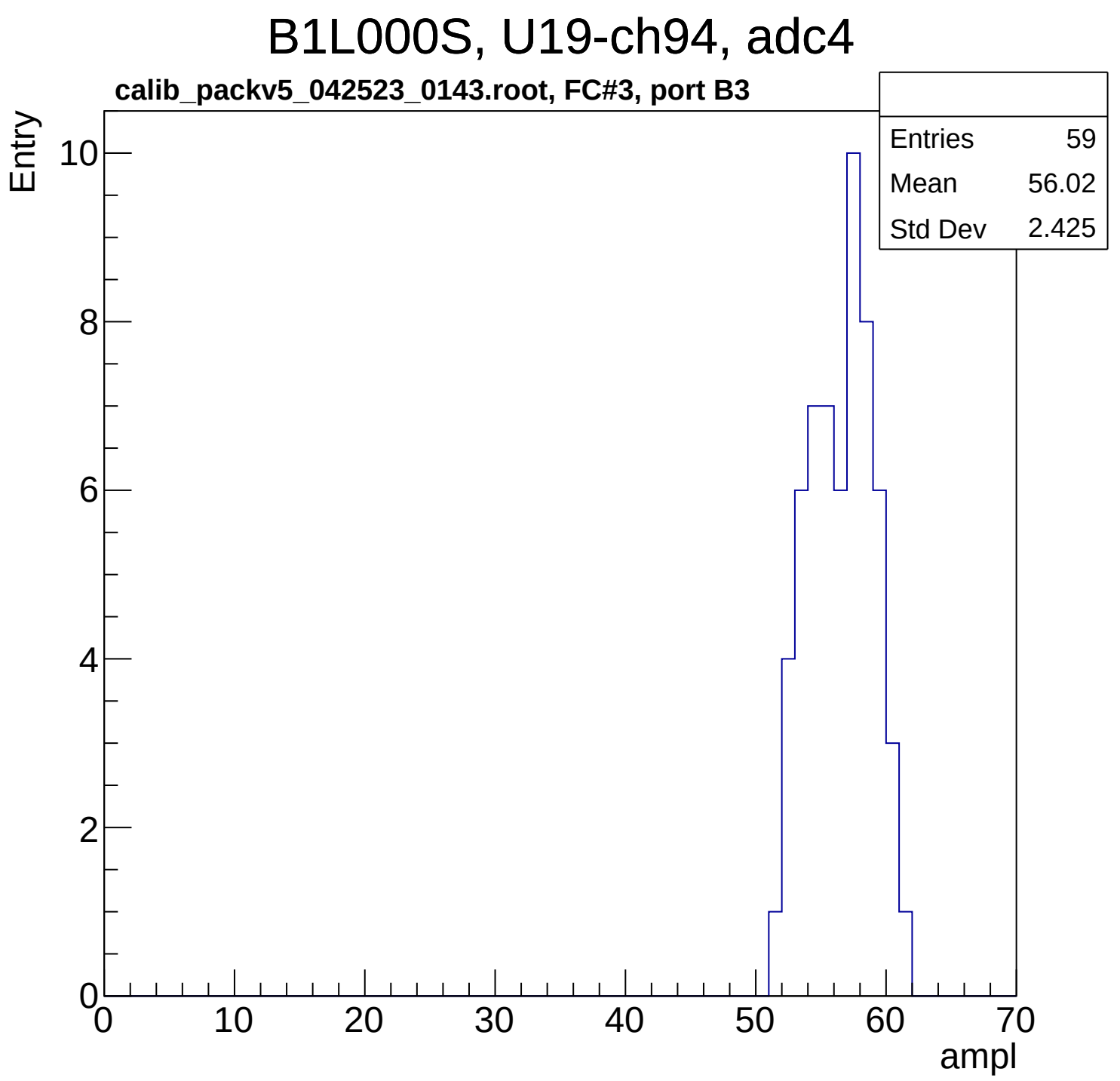

B1L000S, U19-ch93, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 11
Std Dev 11
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

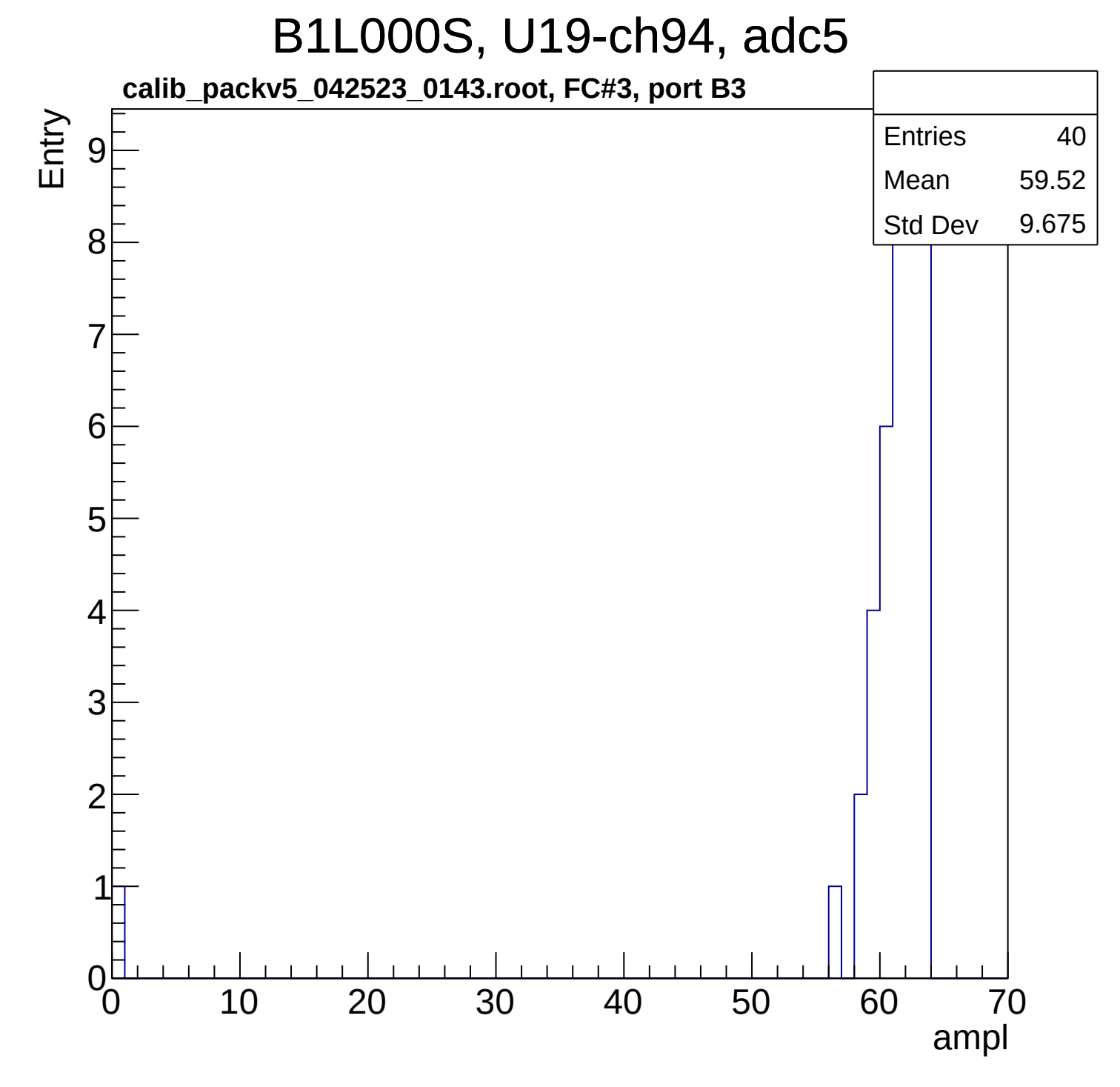

B1L000S, U19-ch94, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 30.37
Std Dev 4.745
Gaus mean : 31.3674
Gaus Width: 2.9409
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

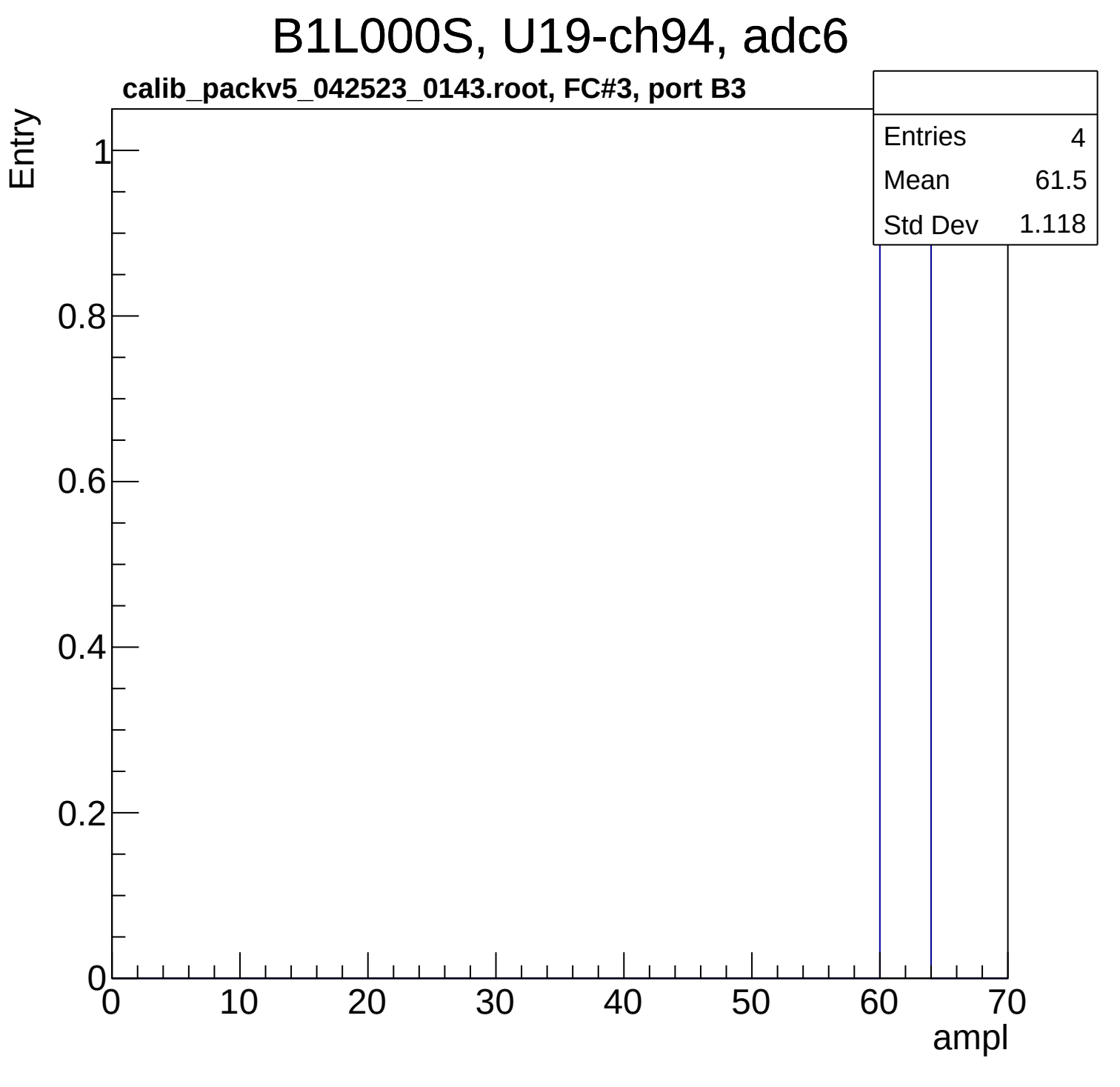

B1L000S, U19-ch94, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 36.93
Std Dev 2.731
Gaus mean : 36.9542
Gaus Width: 3.4047
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U19-ch94, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 43.59
Std Dev 3.513
Gaus mean : 43.6664
Gaus Width: 3.3309
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch94, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 50.24
Std Dev 2.873
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch94, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 56.02
Std Dev 2.425
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch94, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 40
Mean 59.52
Std Dev 9.675
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch94, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 61.5
Std Dev 1.118
Entry
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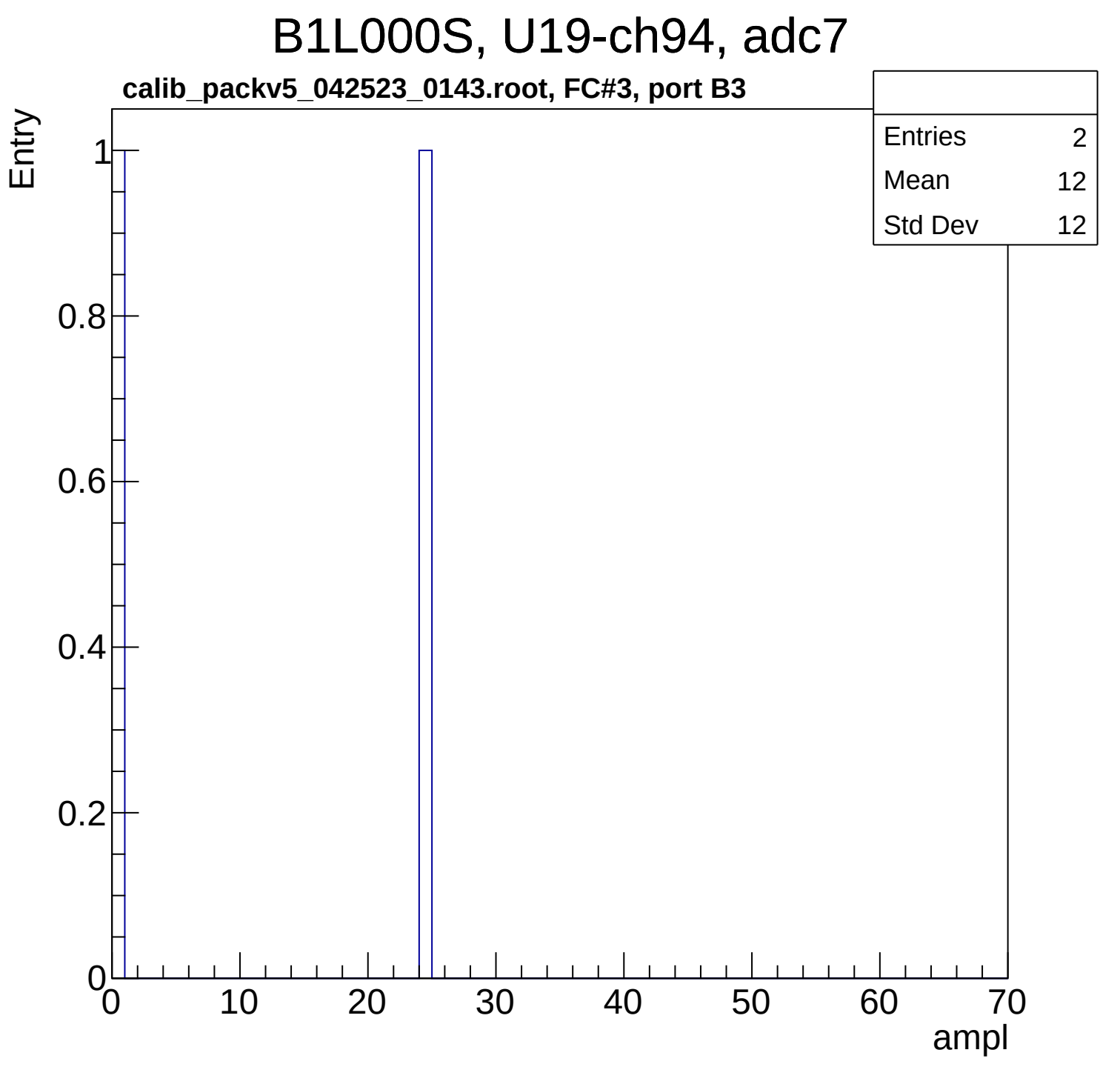
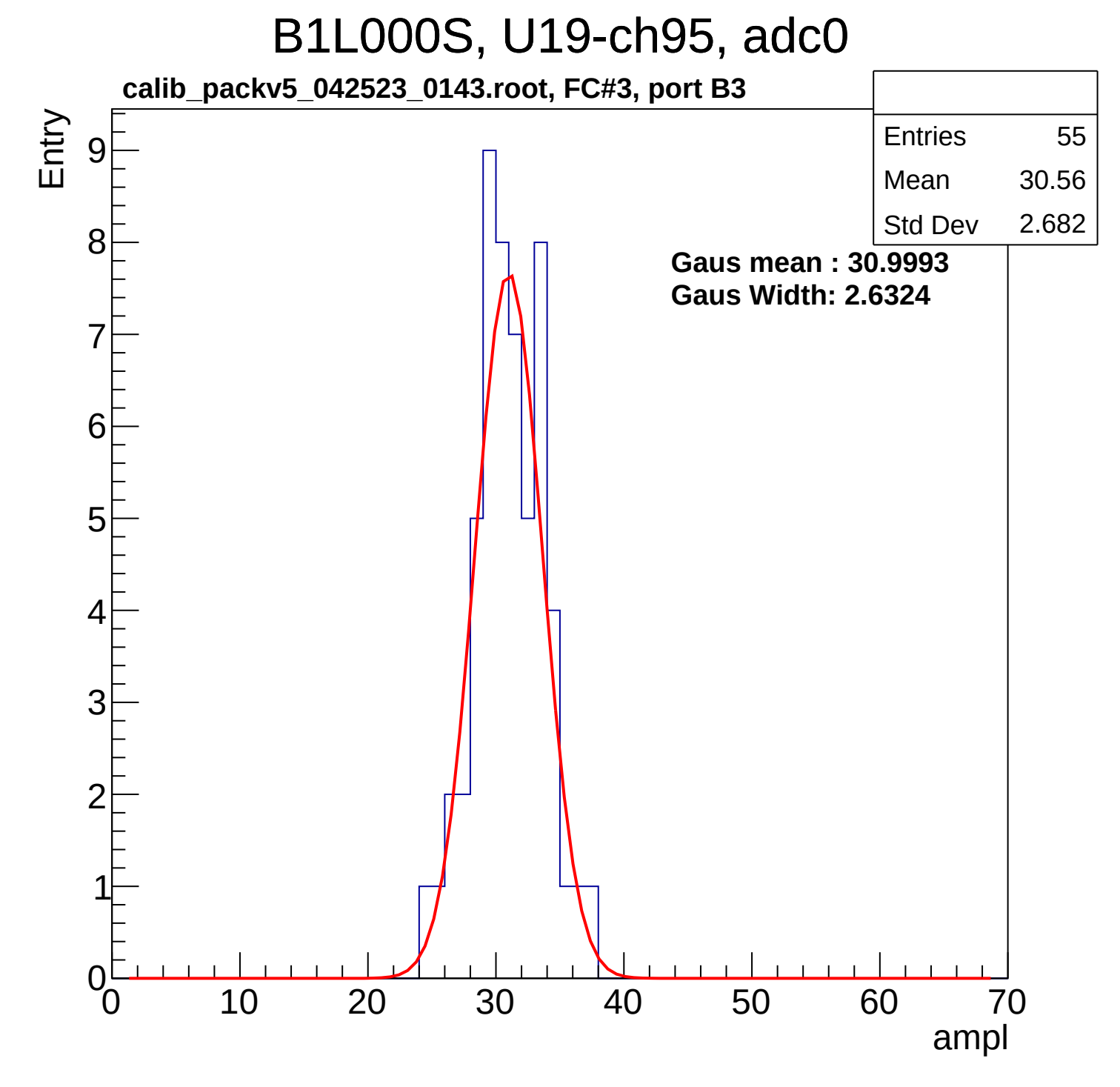
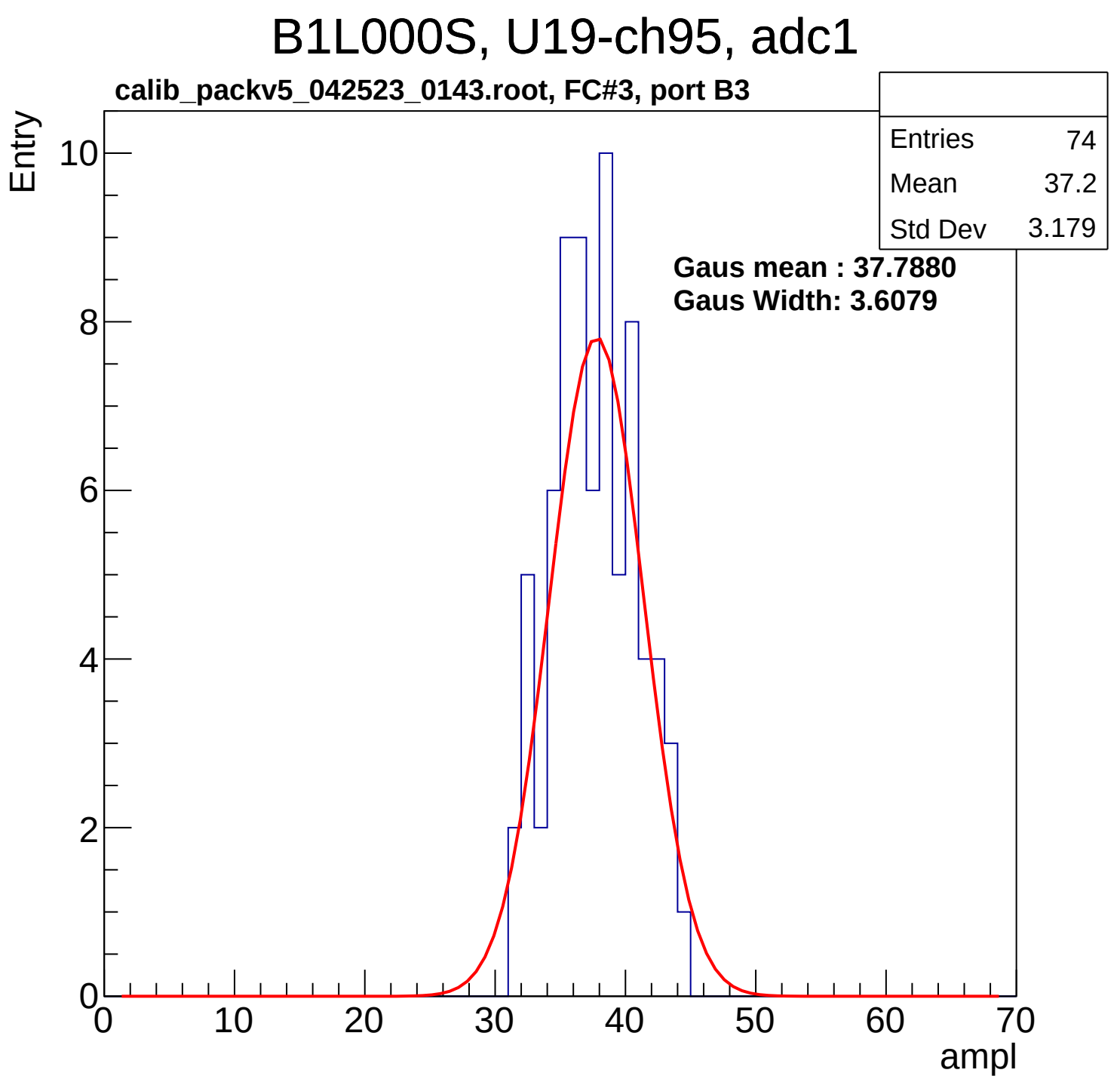
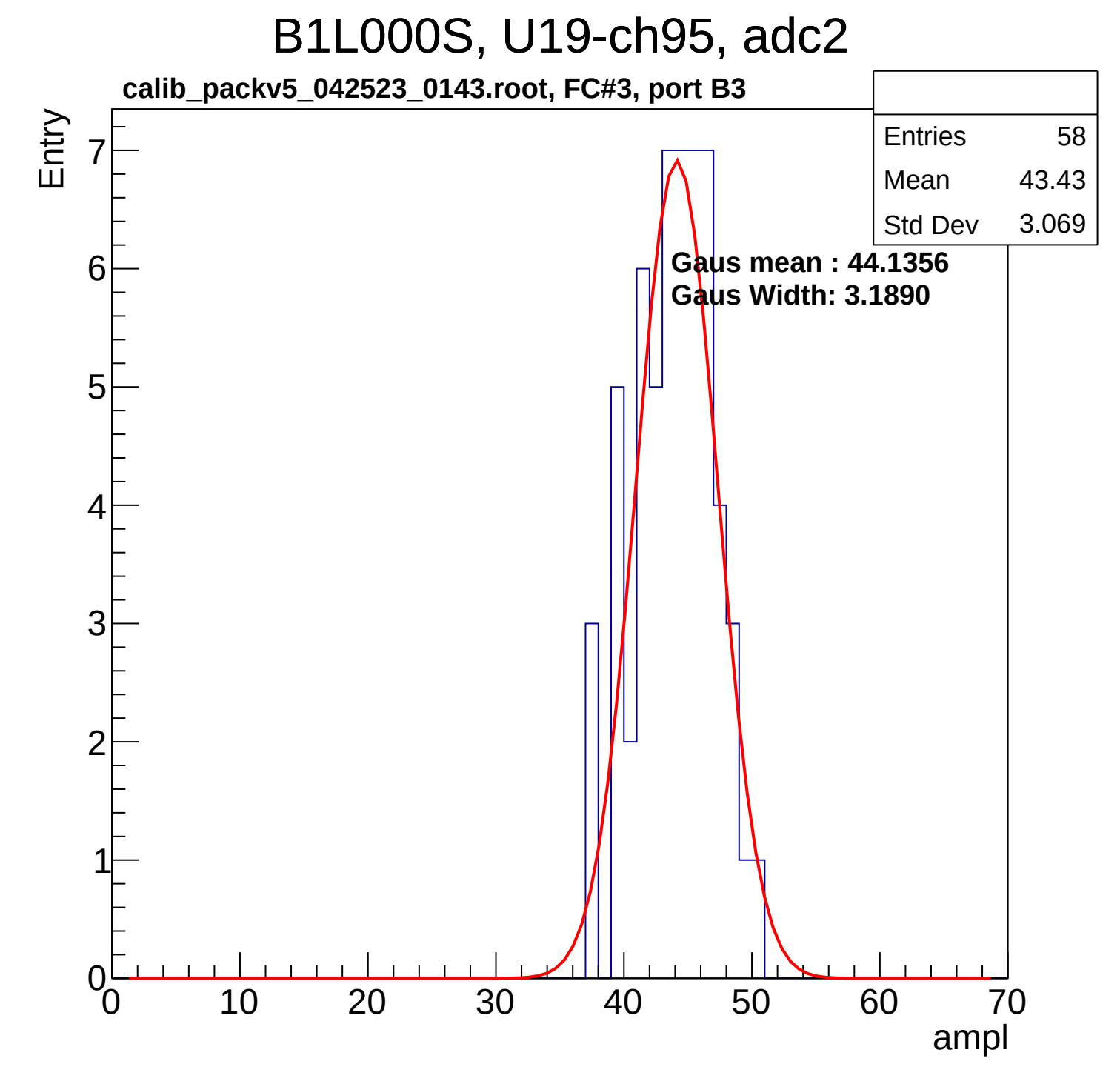
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch94, 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, U19-ch95, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 30.56
Std Dev 2.682
Gaus mean : 30.9993
Gaus Width: 2.6324
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch95, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 37.2
Std Dev 3.179
Gaus mean : 37.7880
Gaus Width: 3.6079
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch95, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 43.43
Std Dev 3.069
Gaus mean : 44.1356
Gaus Width: 3.1890
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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40
50
60
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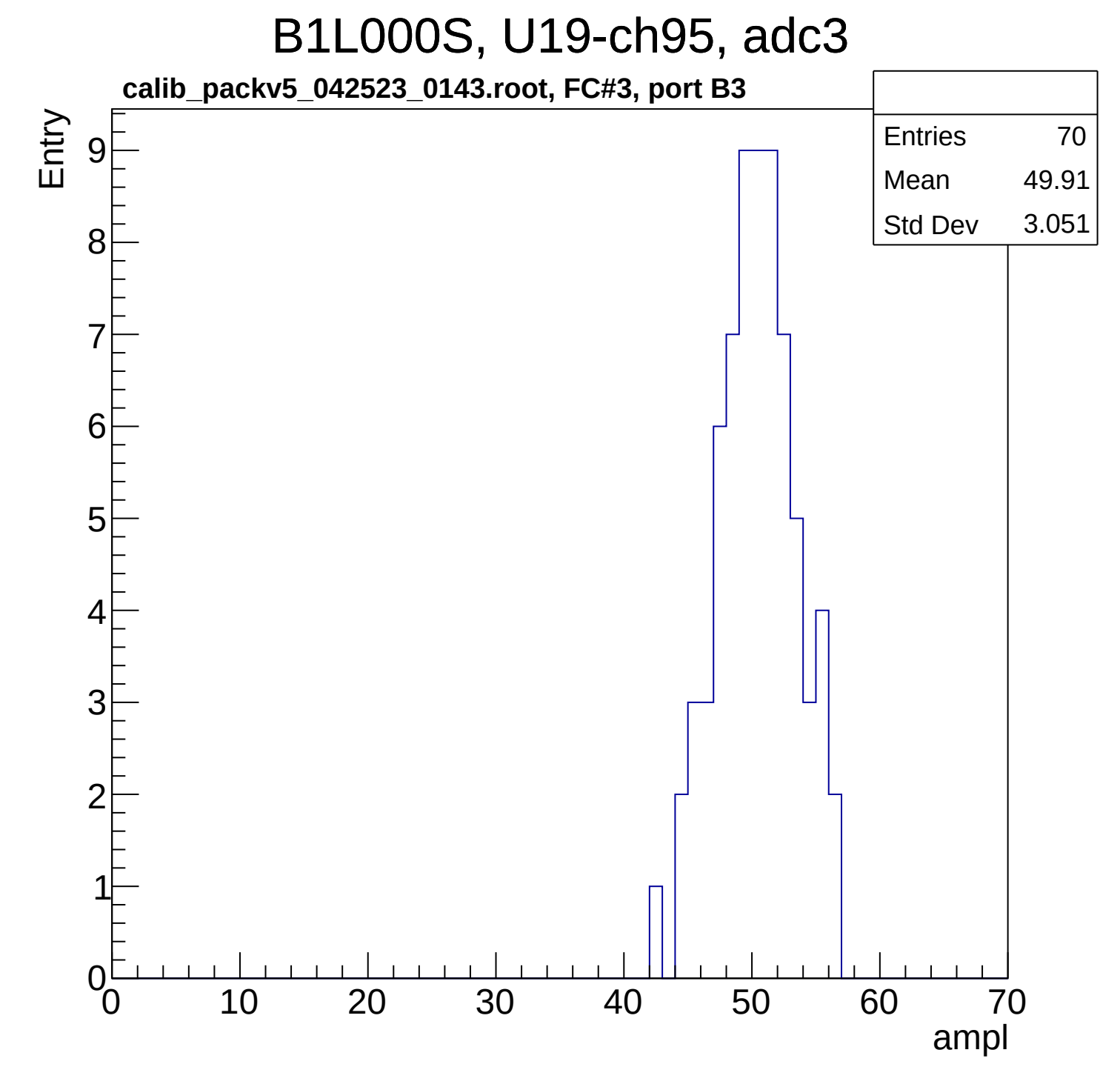
B1L000S, U19-ch95, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 49.91
Std Dev 3.051
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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50
60
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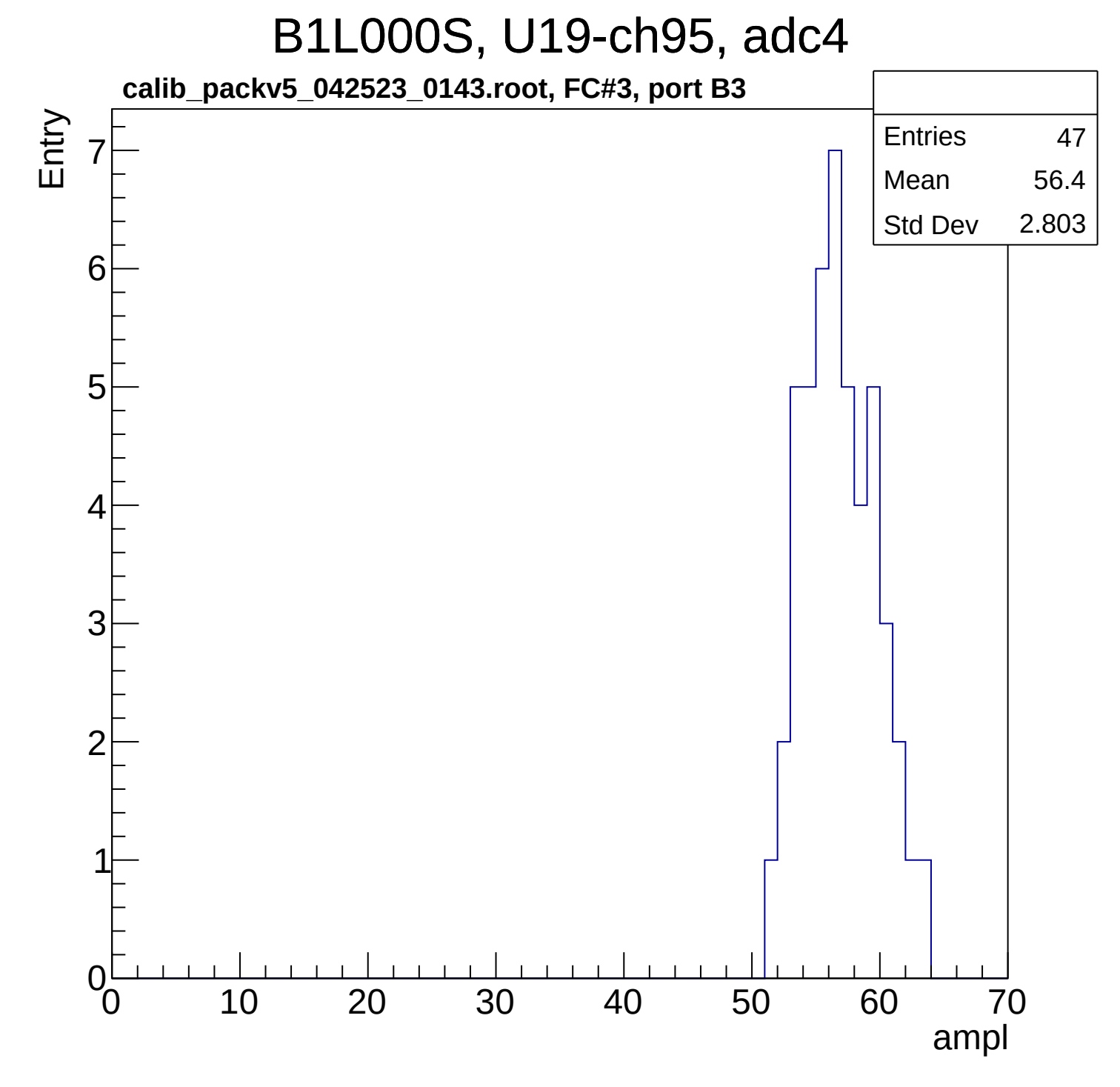
B1L000S, U19-ch95, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 56.4
Std Dev 2.803
Entry
ampl
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1
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3
4
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6
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0
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60
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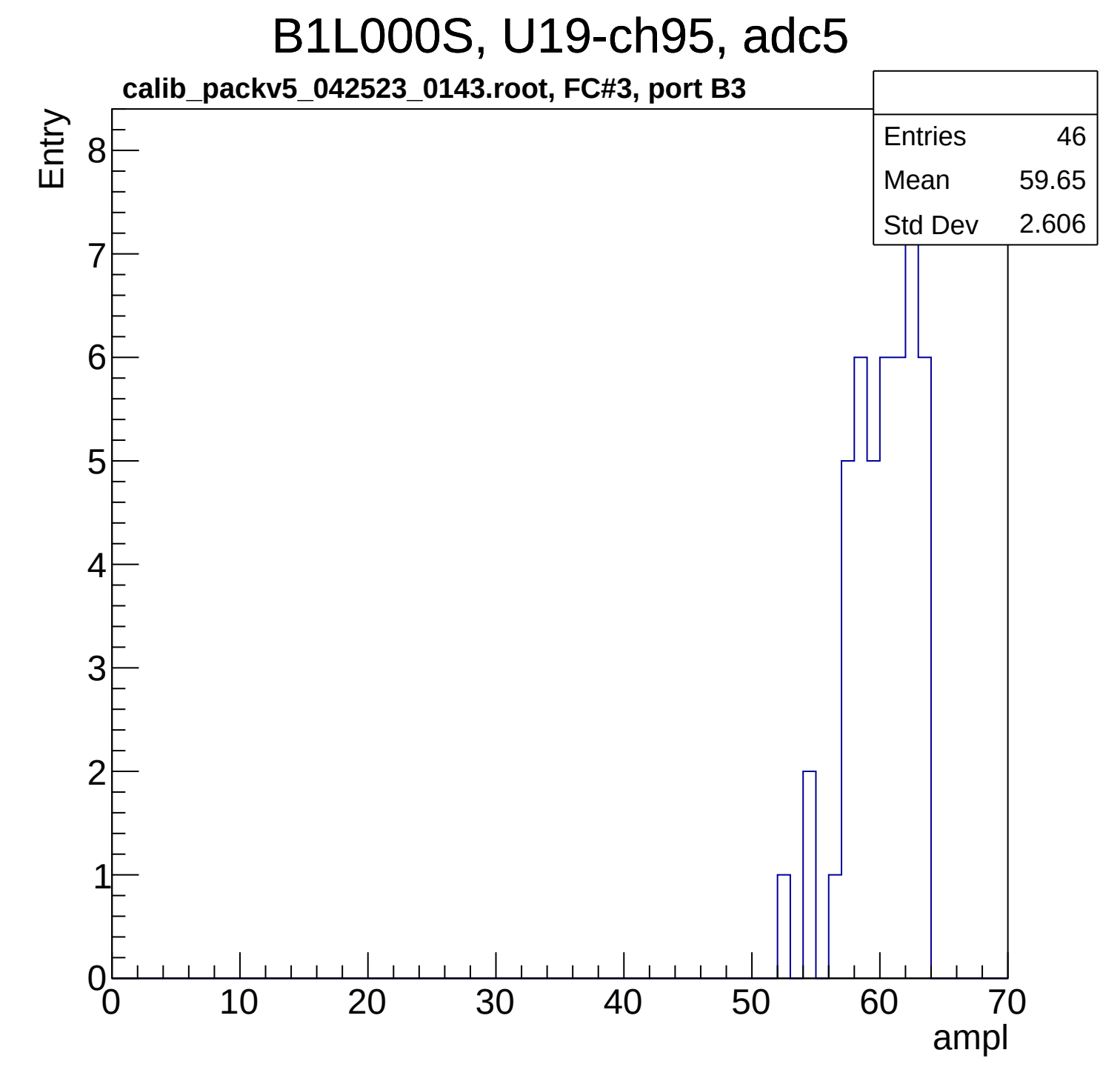
B1L000S, U19-ch95, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 59.65
Std Dev 2.606
Entry
ampl
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2
3
4
5
6
7
8
0
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20
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40
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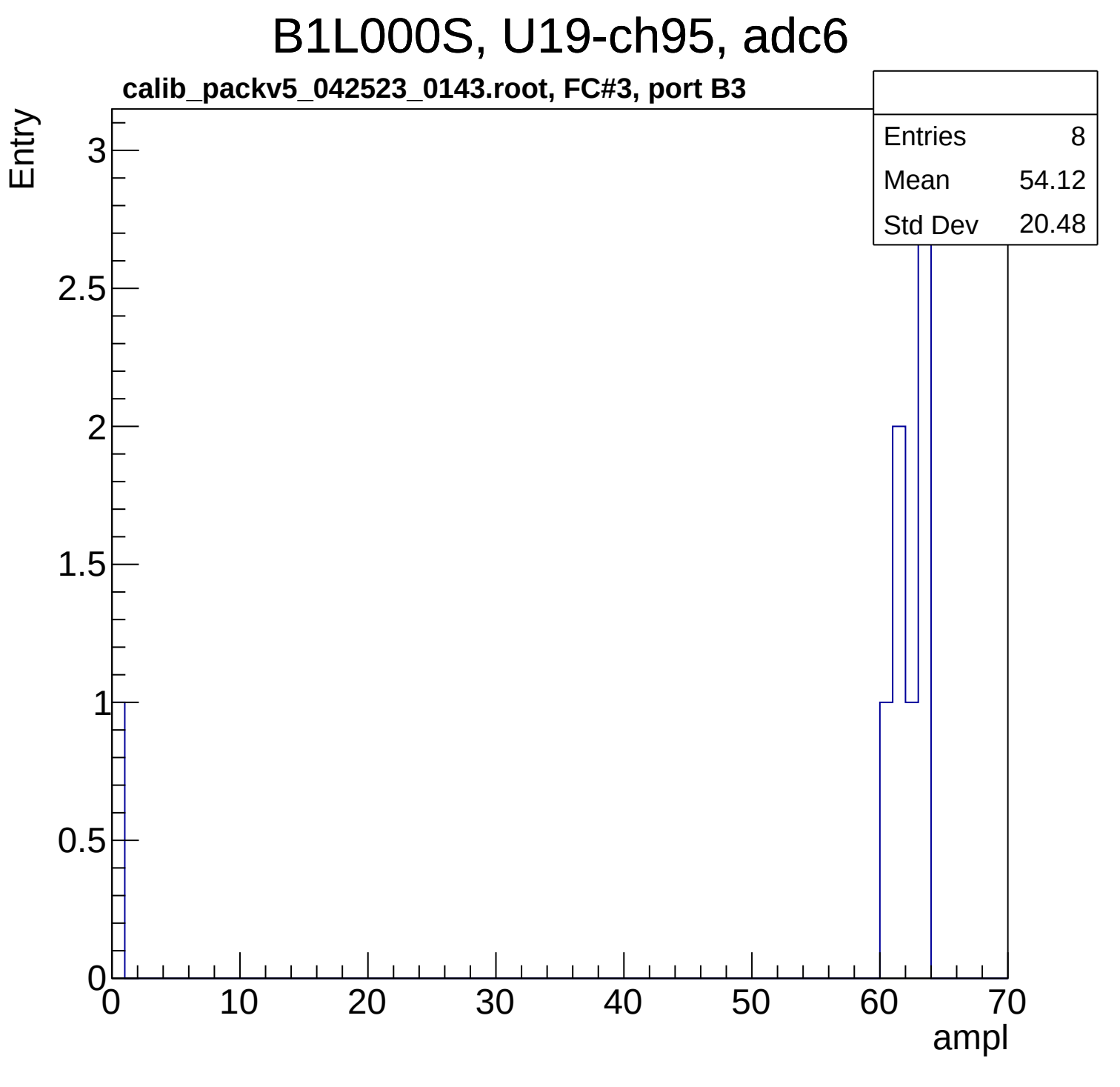
60
70


B1L000S, U19-ch95, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 54.12
Std Dev 20.48
Entry
ampl
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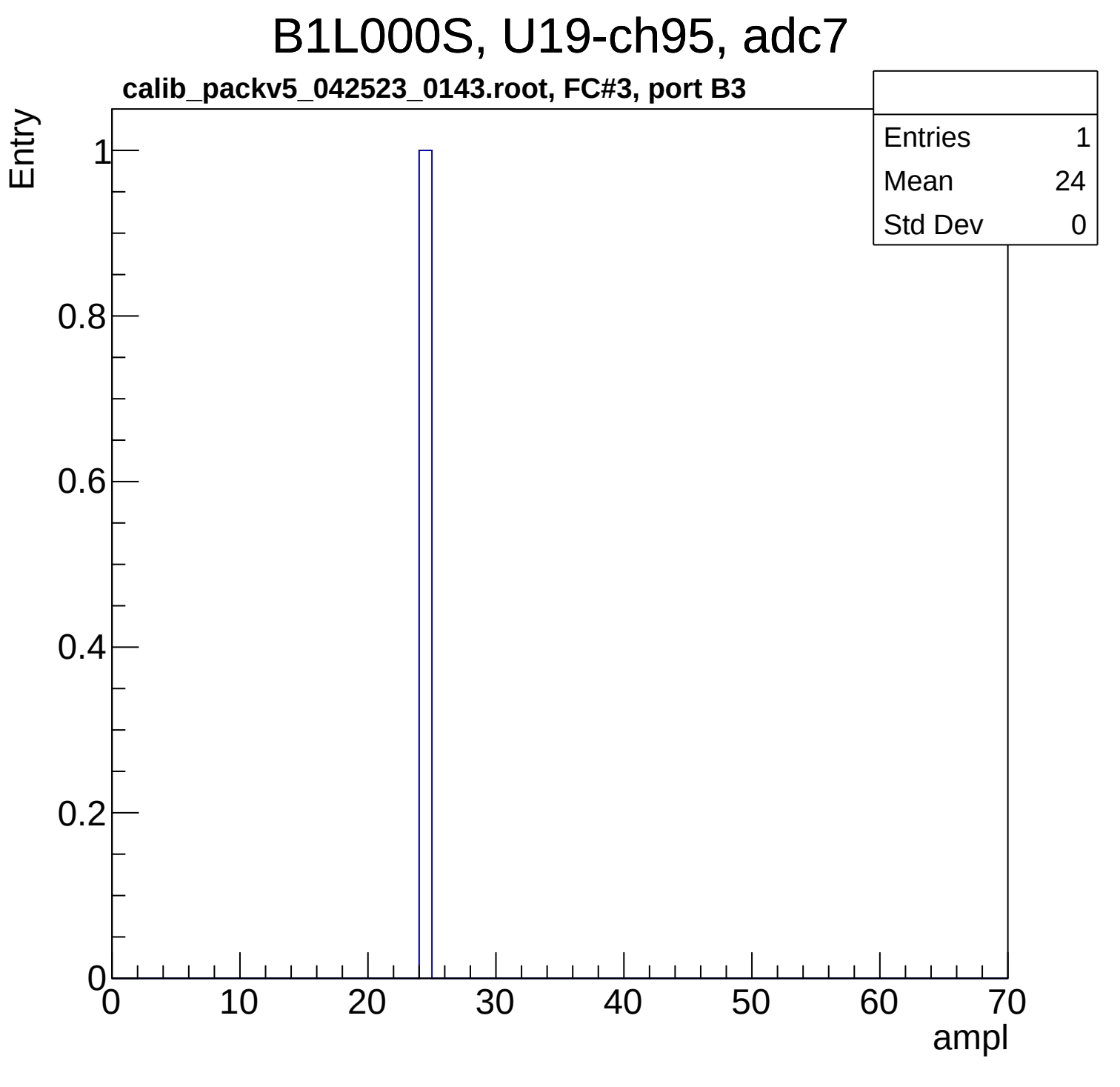
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U19-ch95, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 24
Std Dev 0
Entry
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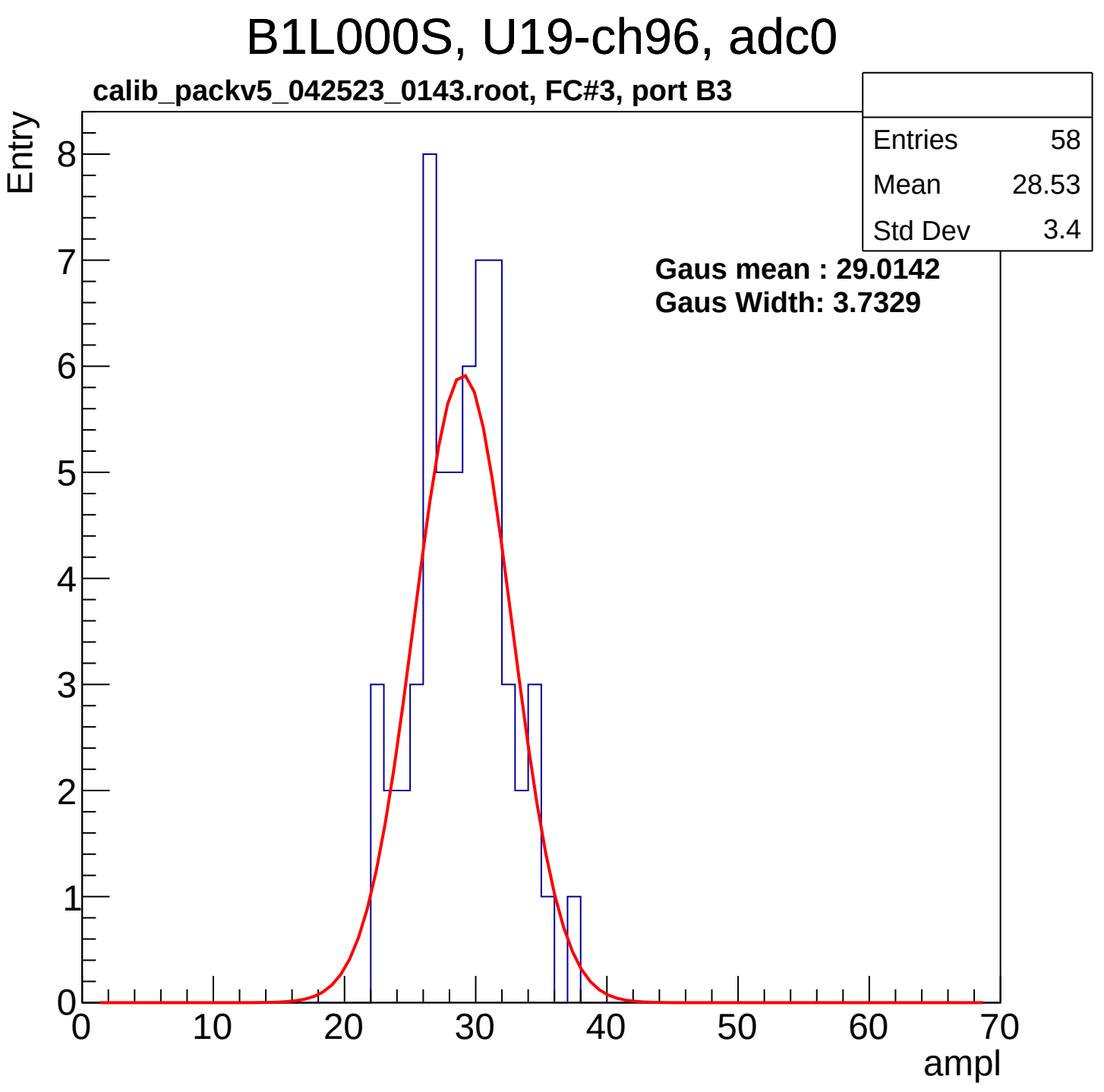
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch96, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 28.53
Std Dev 3.4
Gaus mean : 29.0142
Gaus Width: 3.7329
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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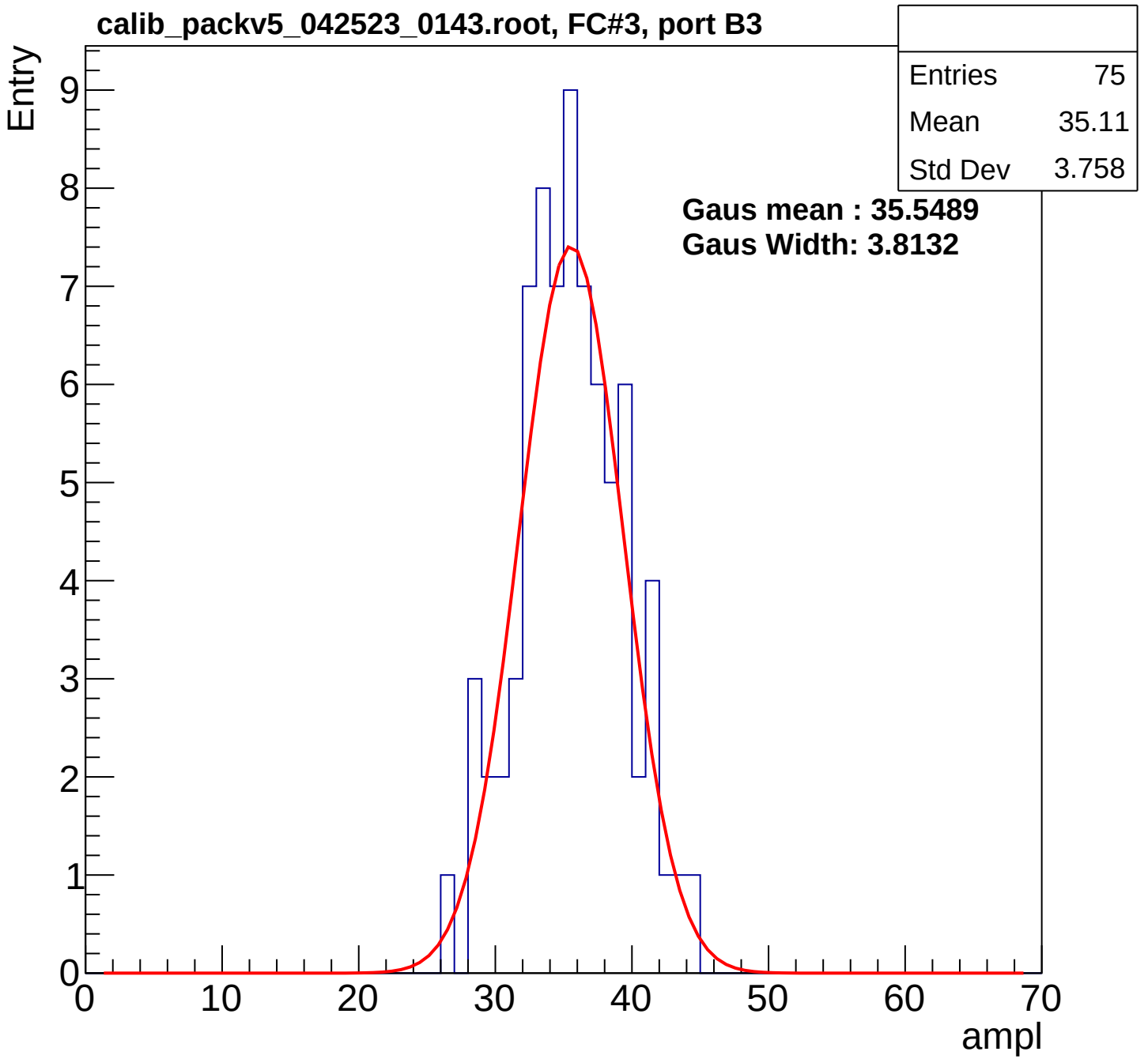
60
70


B1L000S, U19-ch96, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 35.11
Std Dev 3.758
Gaus mean : 35.5489
Gaus Width: 3.8132
Entry
ampl
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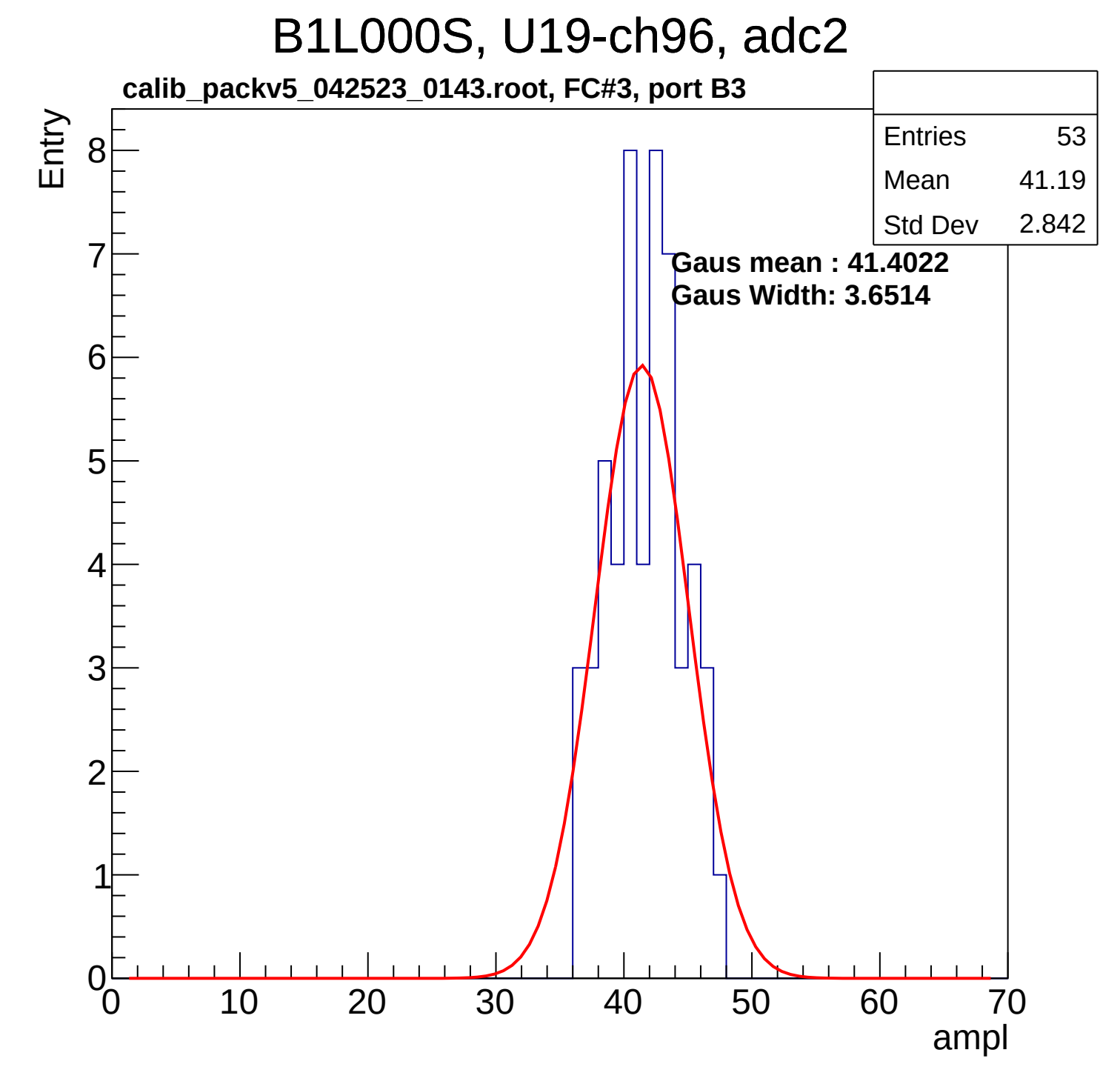
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U19-ch96, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 41.19
Std Dev 2.842
Gaus mean : 41.4022
Gaus Width: 3.6514
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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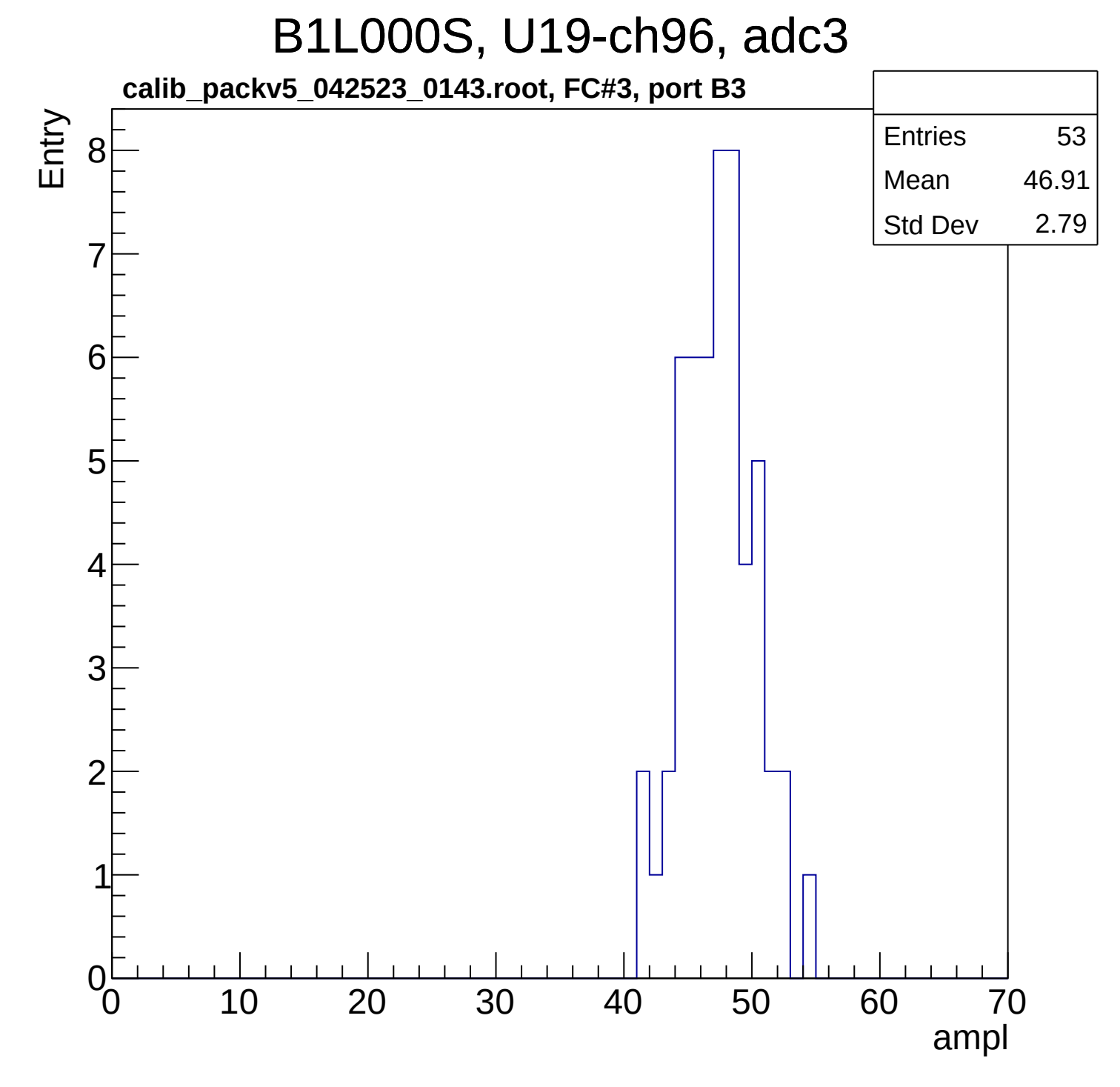
B1L000S, U19-ch96, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 46.91
Std Dev 2.79
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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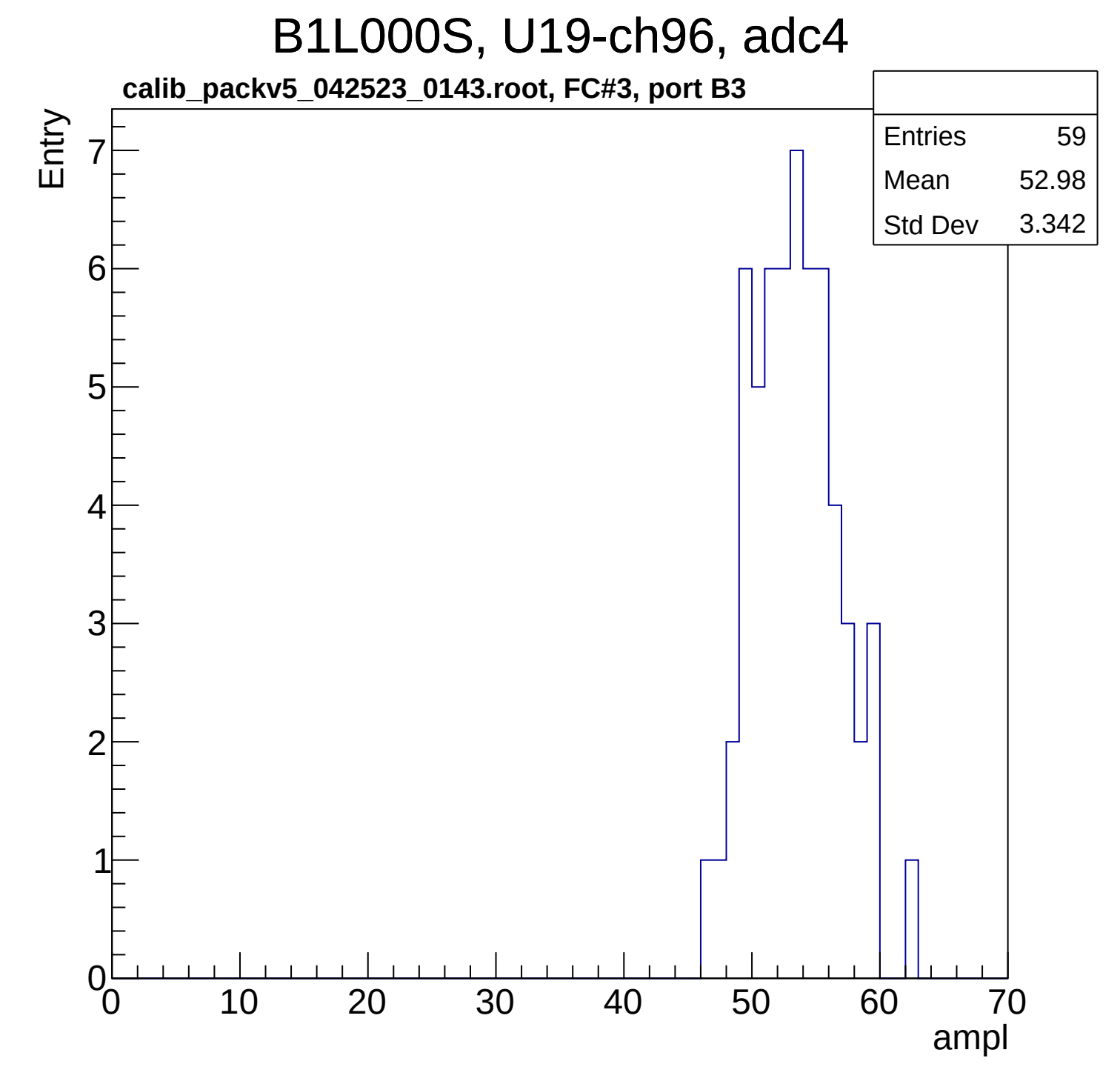
B1L000S, U19-ch96, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 52.98
Std Dev 3.342
Entry
ampl
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2
3
4
5
6
7
0
10
20
30
40
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60
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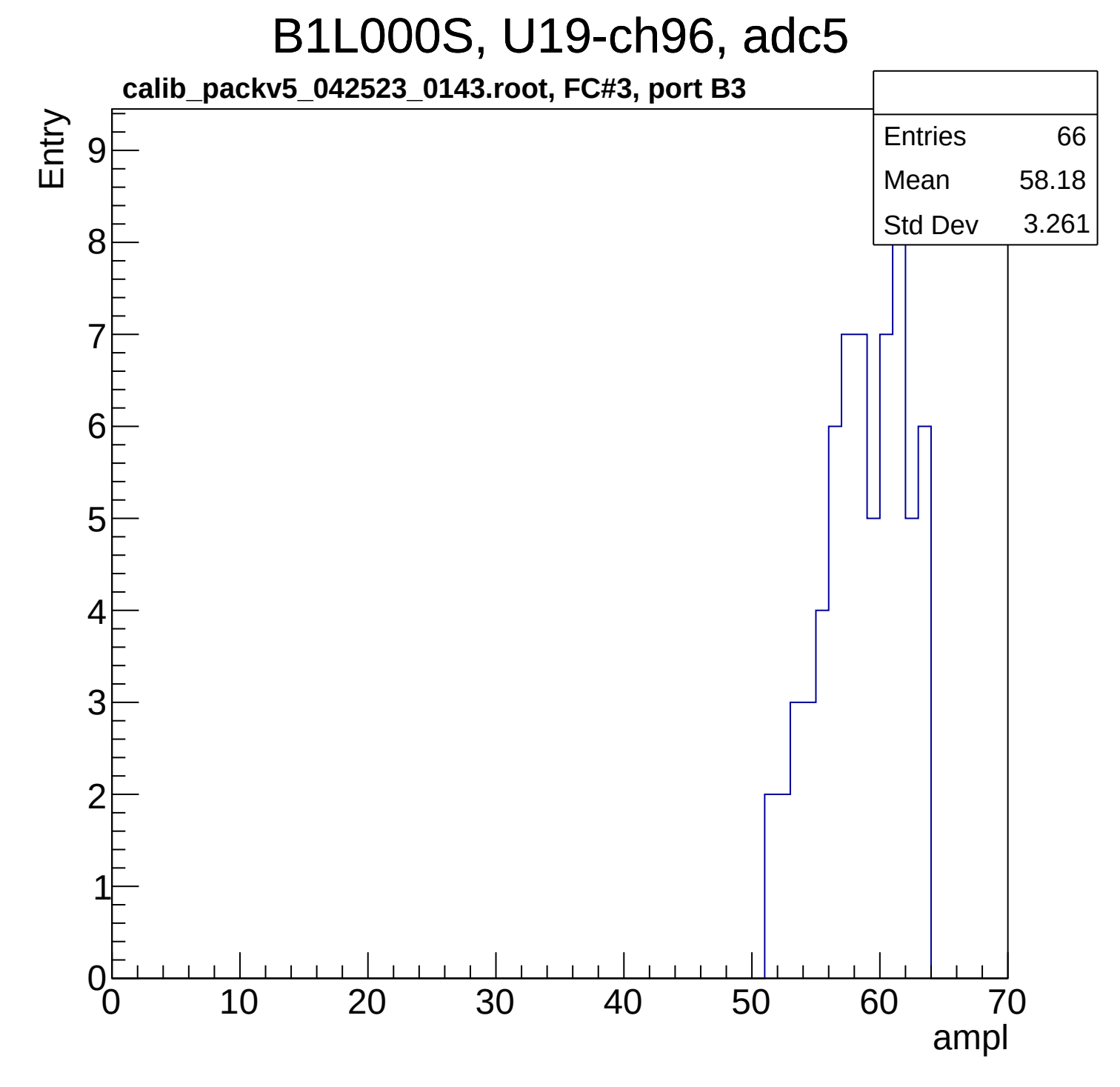
B1L000S, U19-ch96, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 58.18
Std Dev 3.261
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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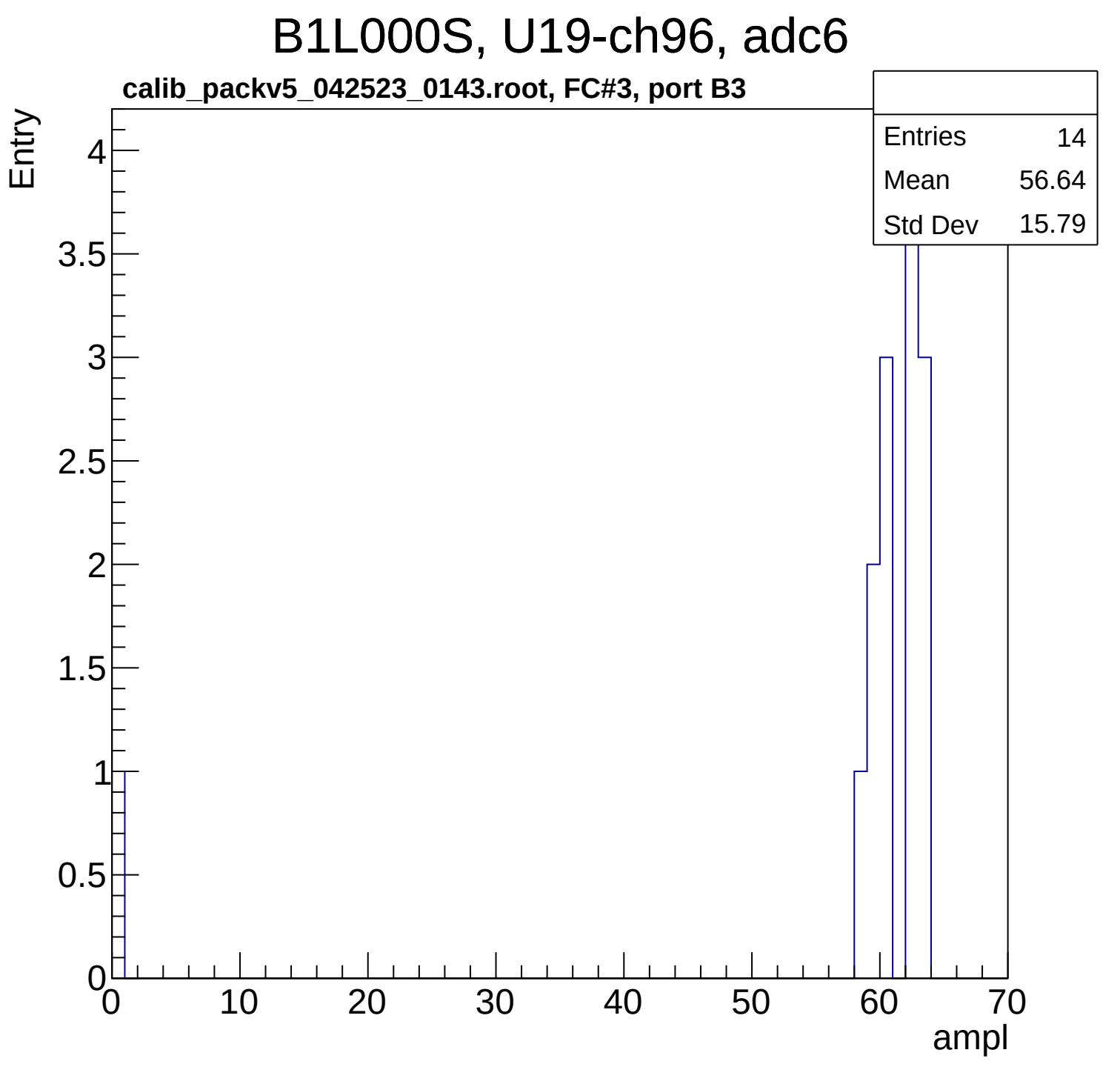
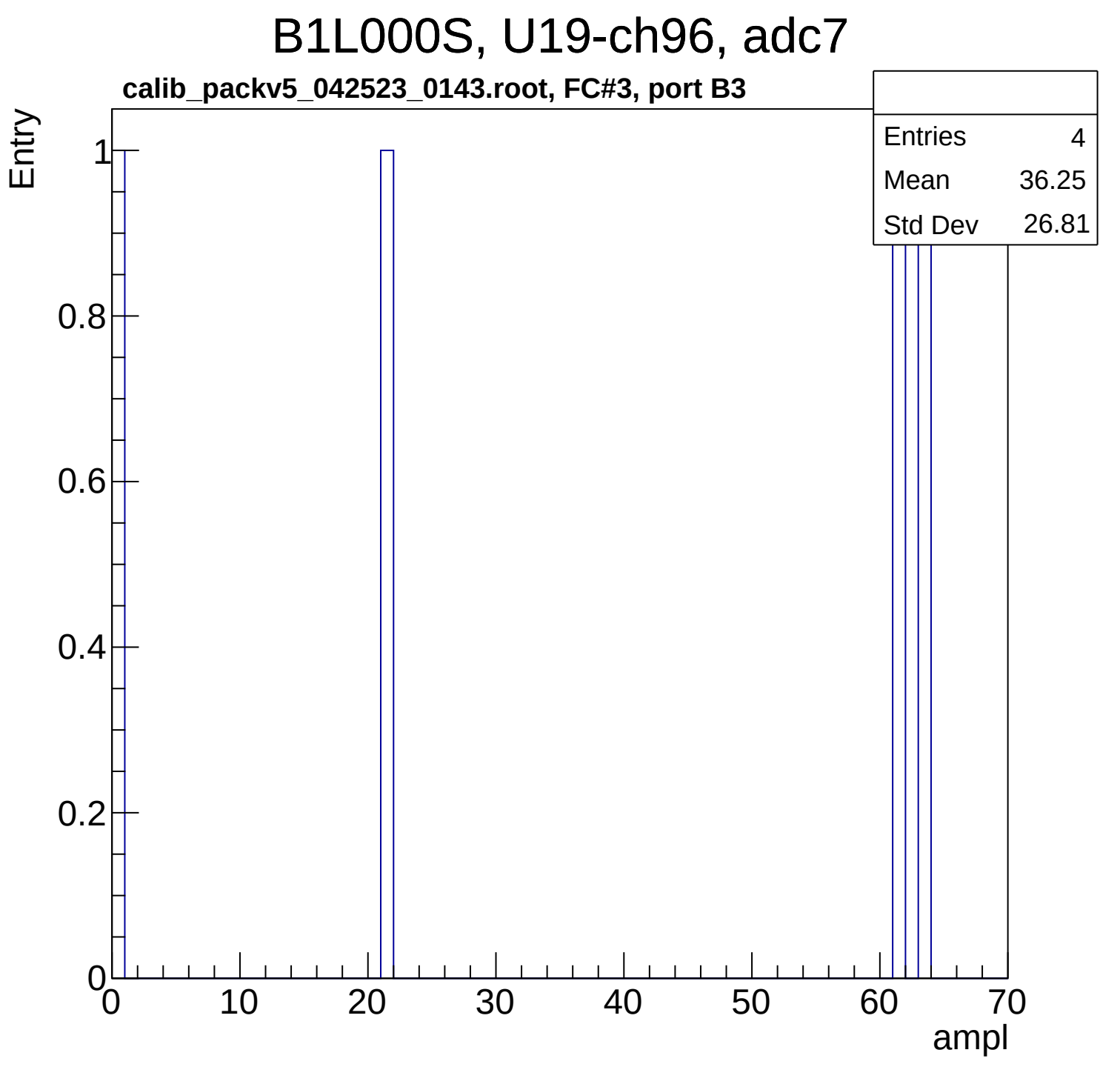

B1L000S, U19-ch96, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 56.64
Std Dev 15.79
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U19-ch96, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 36.25
Std Dev 26.81
Entry
ampl
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0.2
0.4
0.6
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1
0
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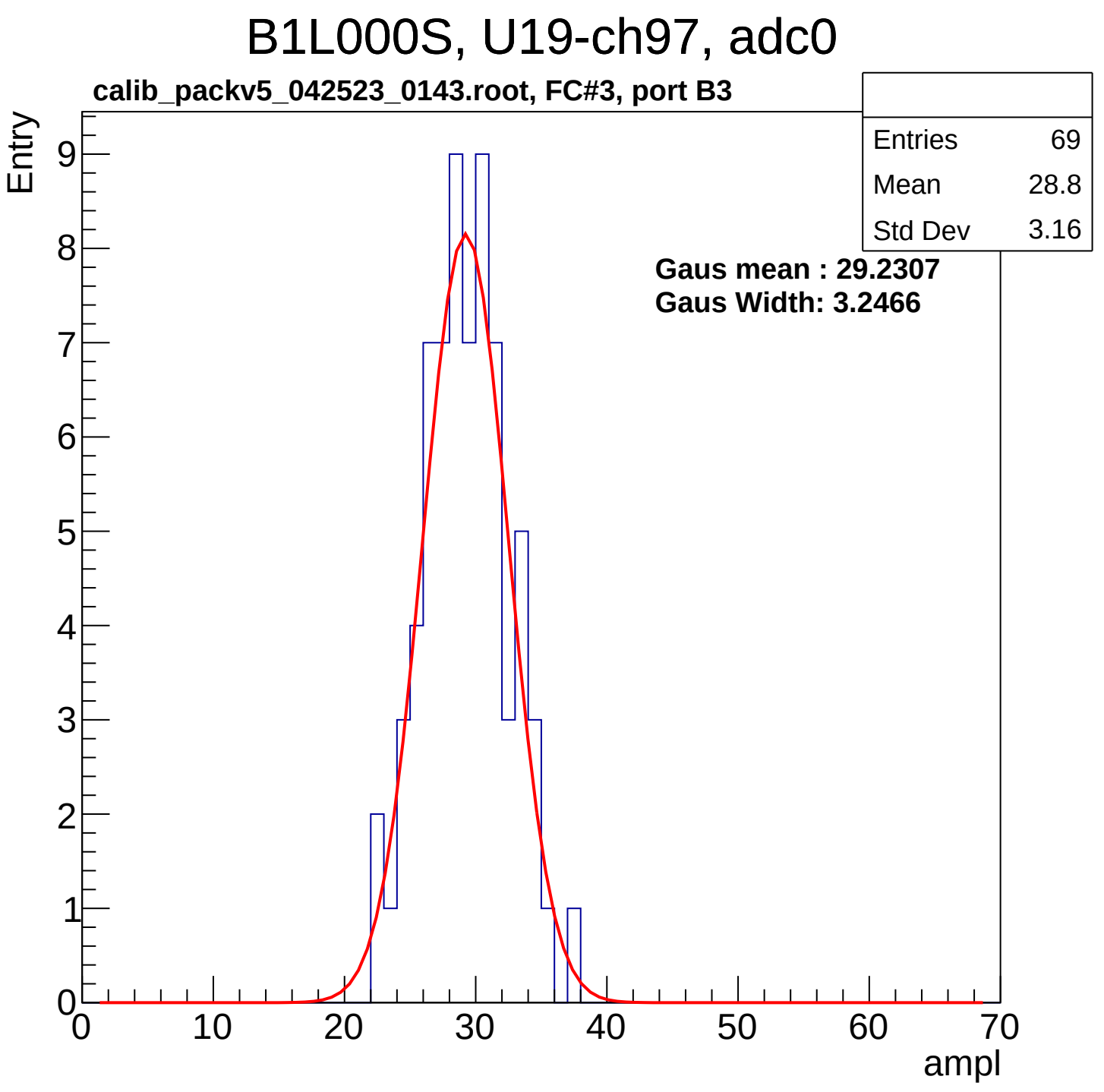
B1L000S, U19-ch97, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 28.8
Std Dev 3.16
Gaus mean : 29.2307
Gaus Width: 3.2466
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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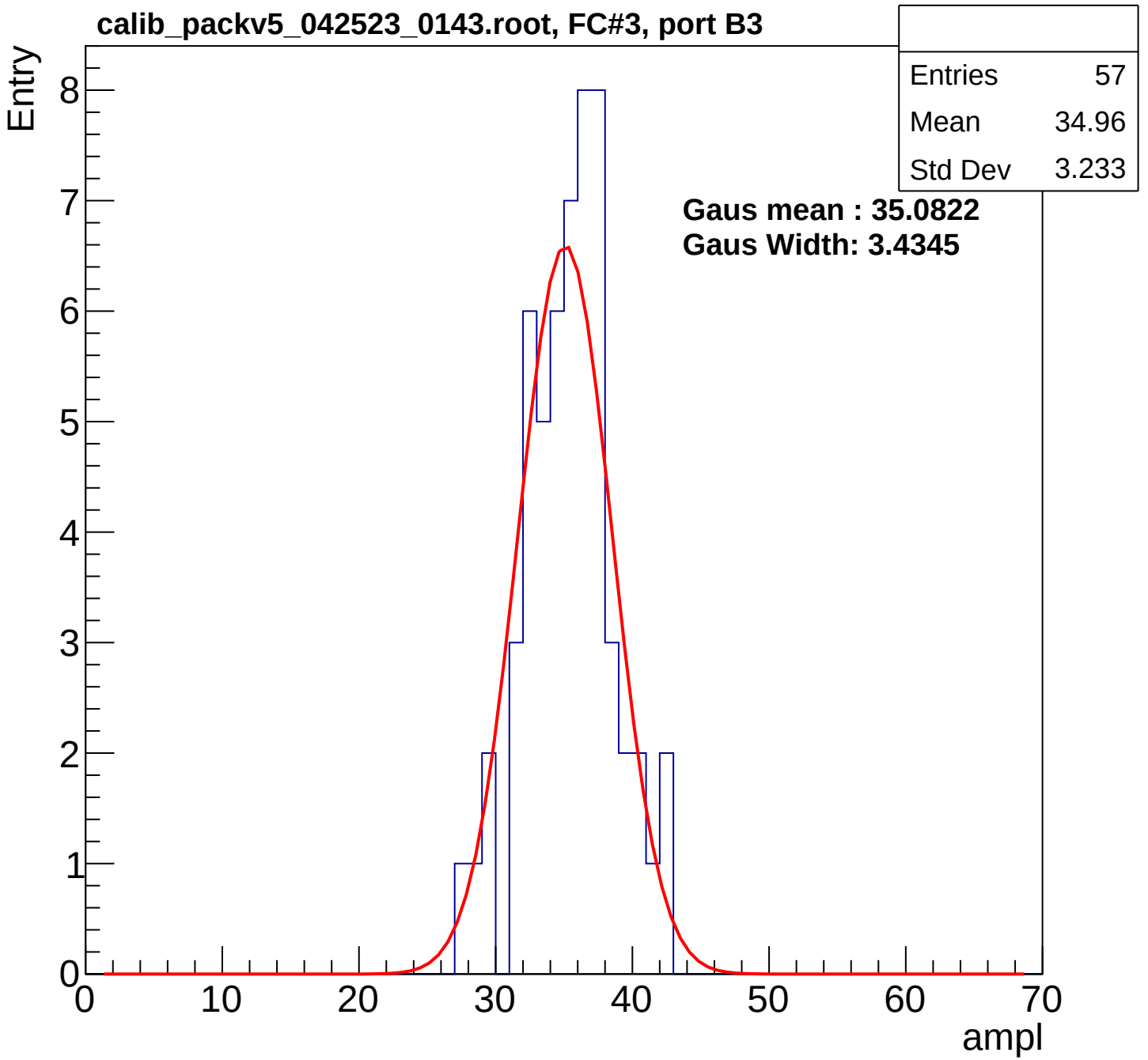
B1L000S, U19-ch97, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 34.96
Std Dev 3.233
Gaus mean : 35.0822
Gaus Width: 3.4345
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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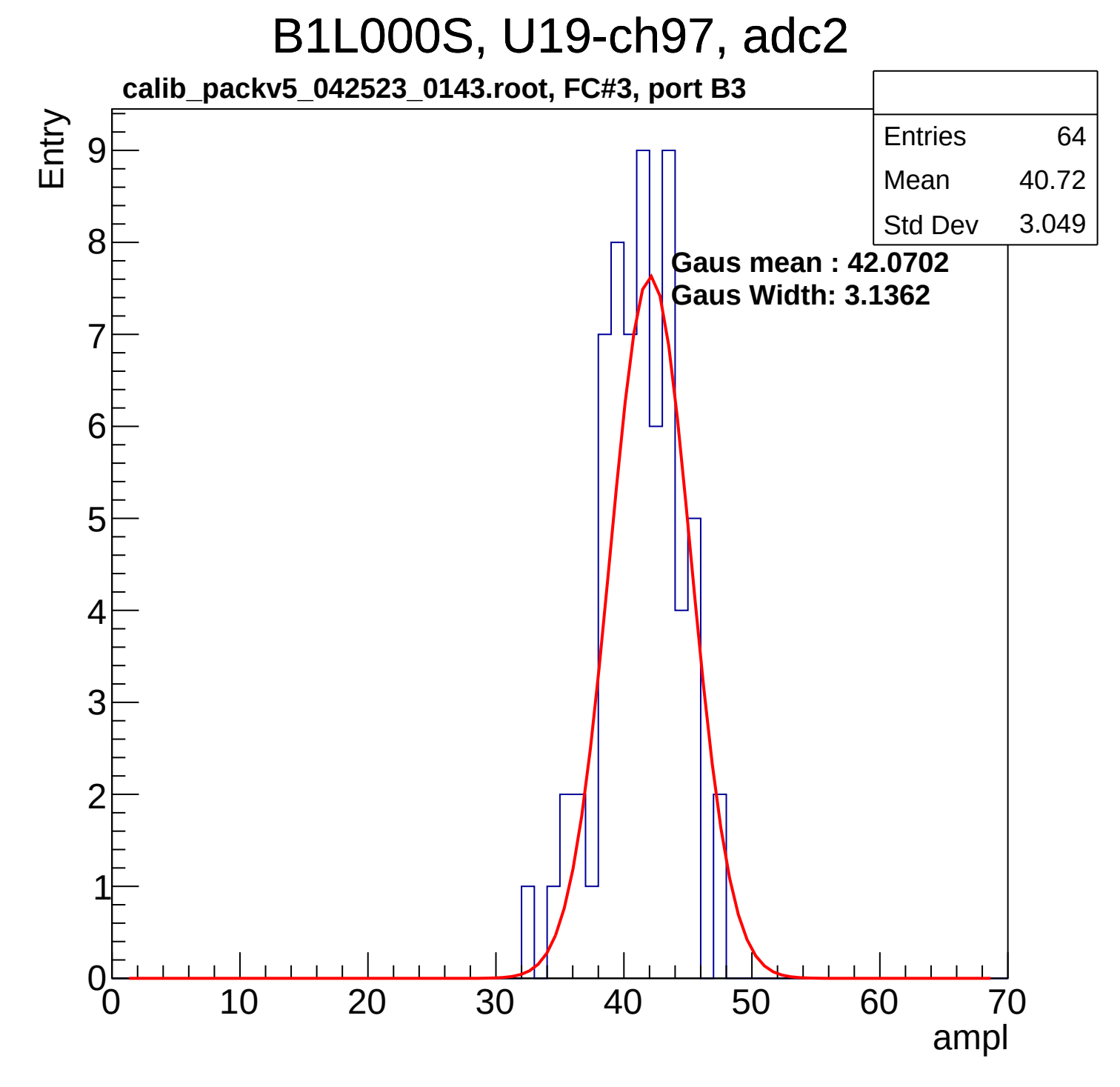
B1L000S, U19-ch97, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 40.72
Std Dev 3.049
Gaus mean : 42.0702
Gaus Width: 3.1362
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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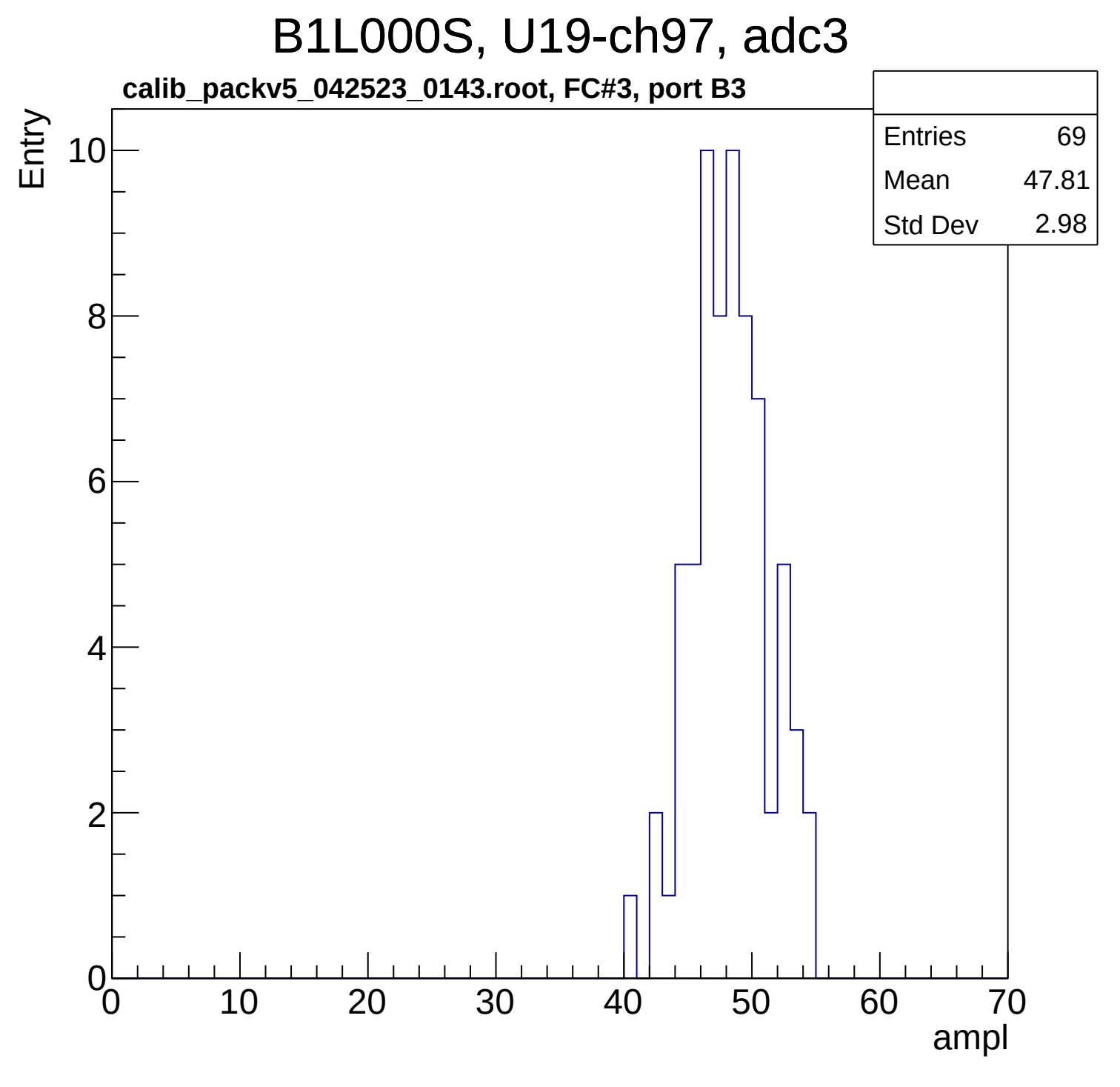
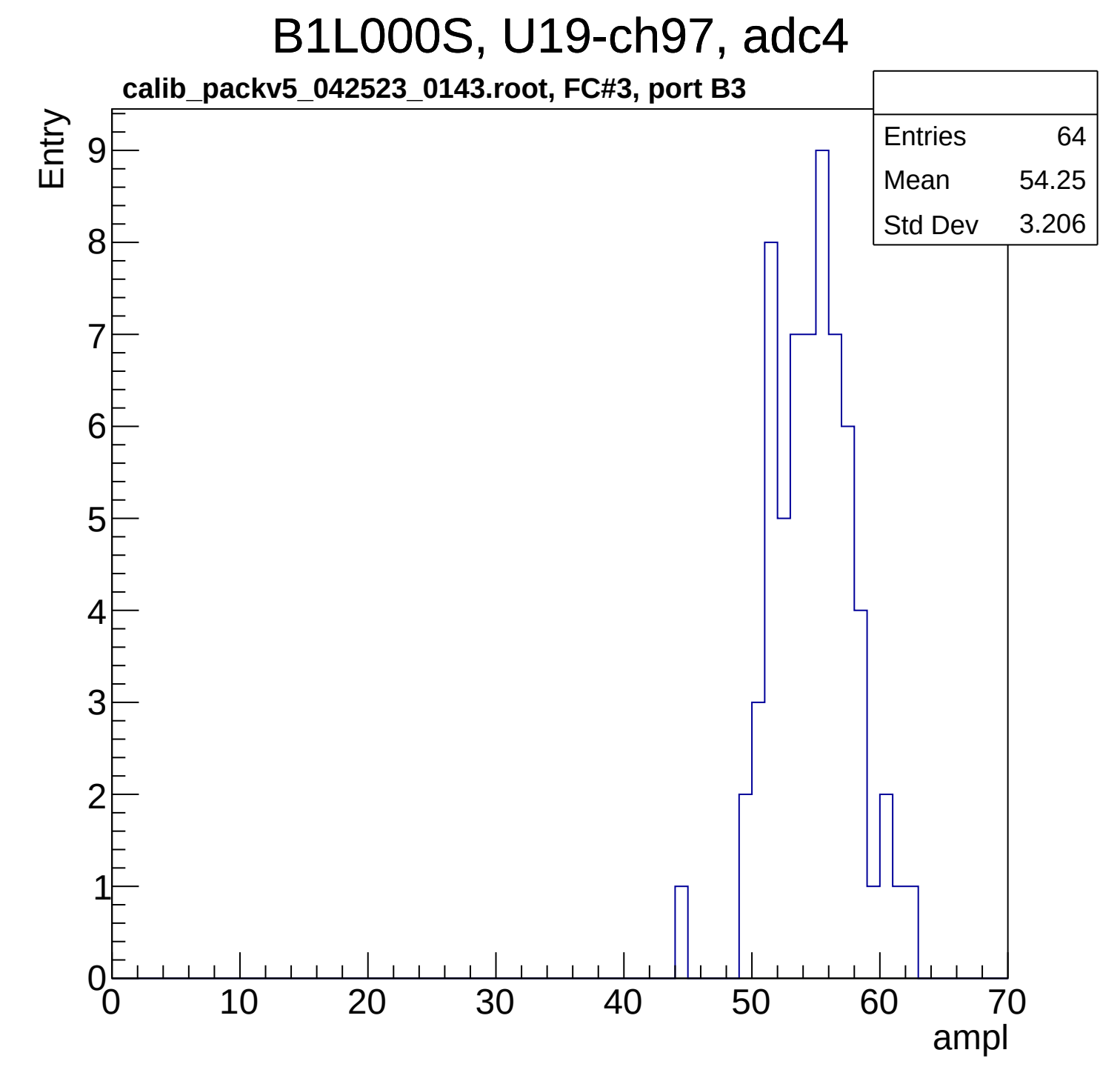

B1L000S, U19-ch97, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 47.81
Std Dev 2.98
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch97, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 54.25
Std Dev 3.206
Entry
ampl
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3
4
5
6
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0
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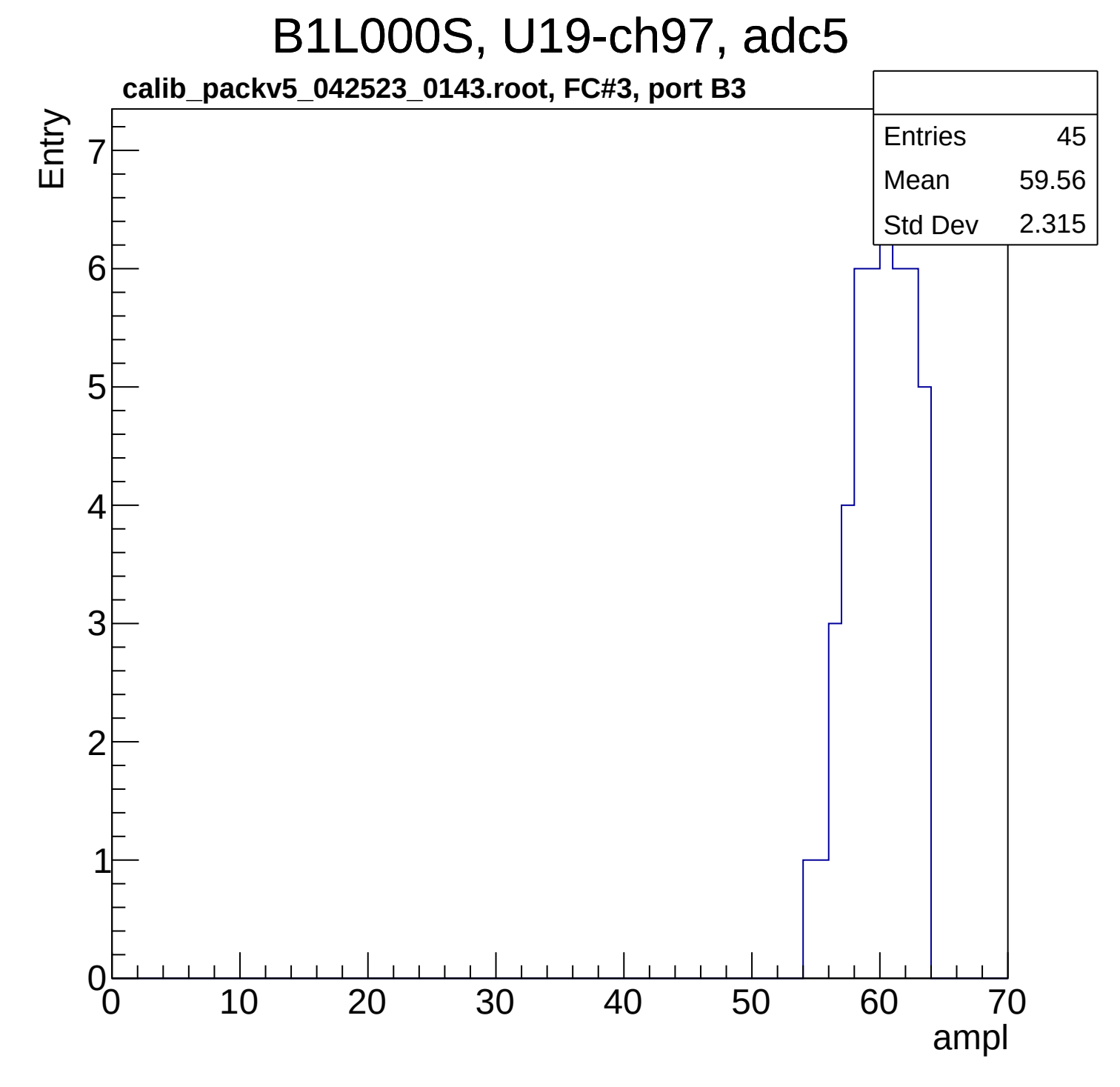
B1L000S, U19-ch97, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 59.56
Std Dev 2.315
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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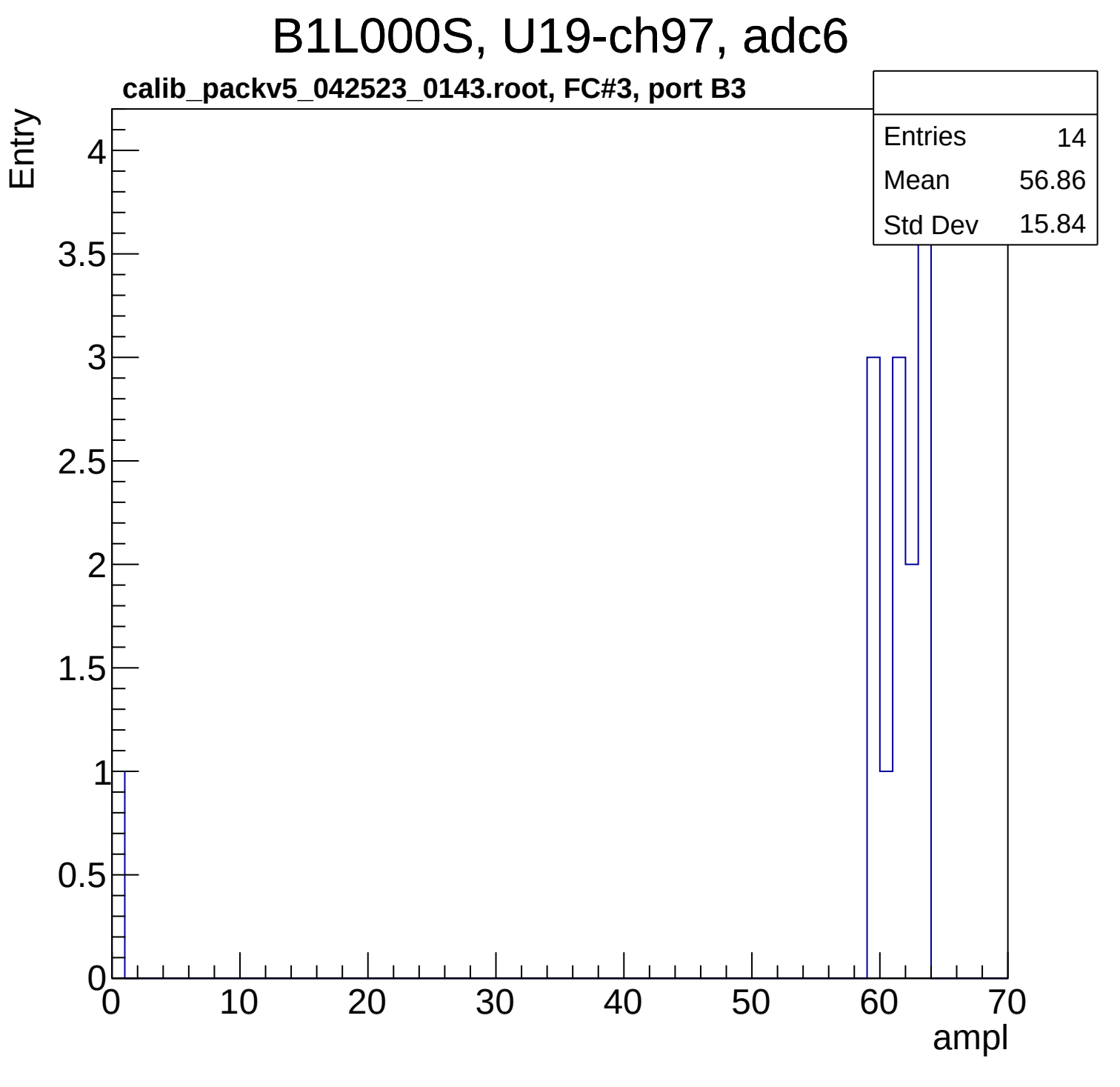
B1L000S, U19-ch97, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 56.86
Std Dev 15.84
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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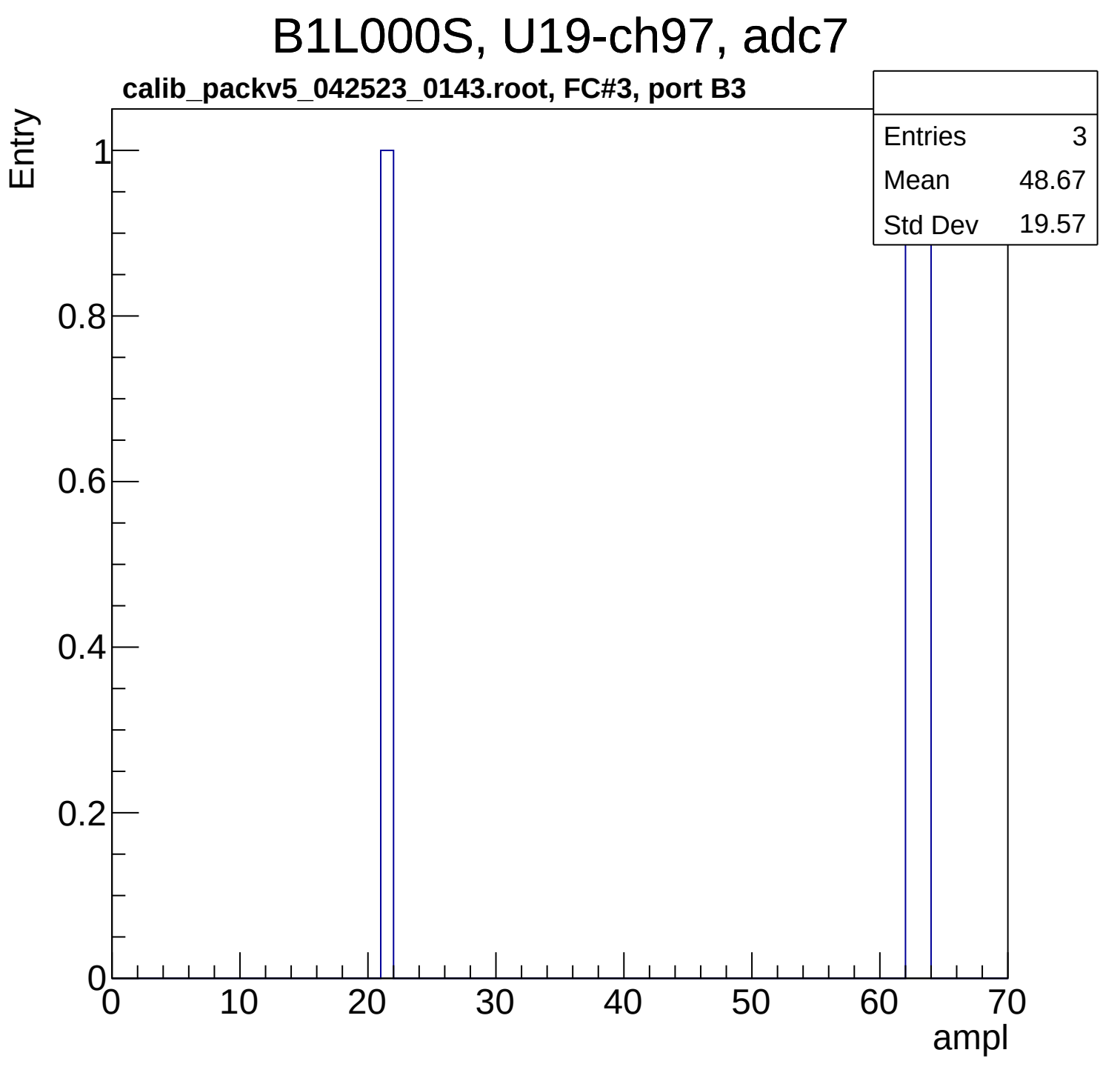
B1L000S, U19-ch97, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 48.67
Std Dev 19.57
Entry
ampl
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0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
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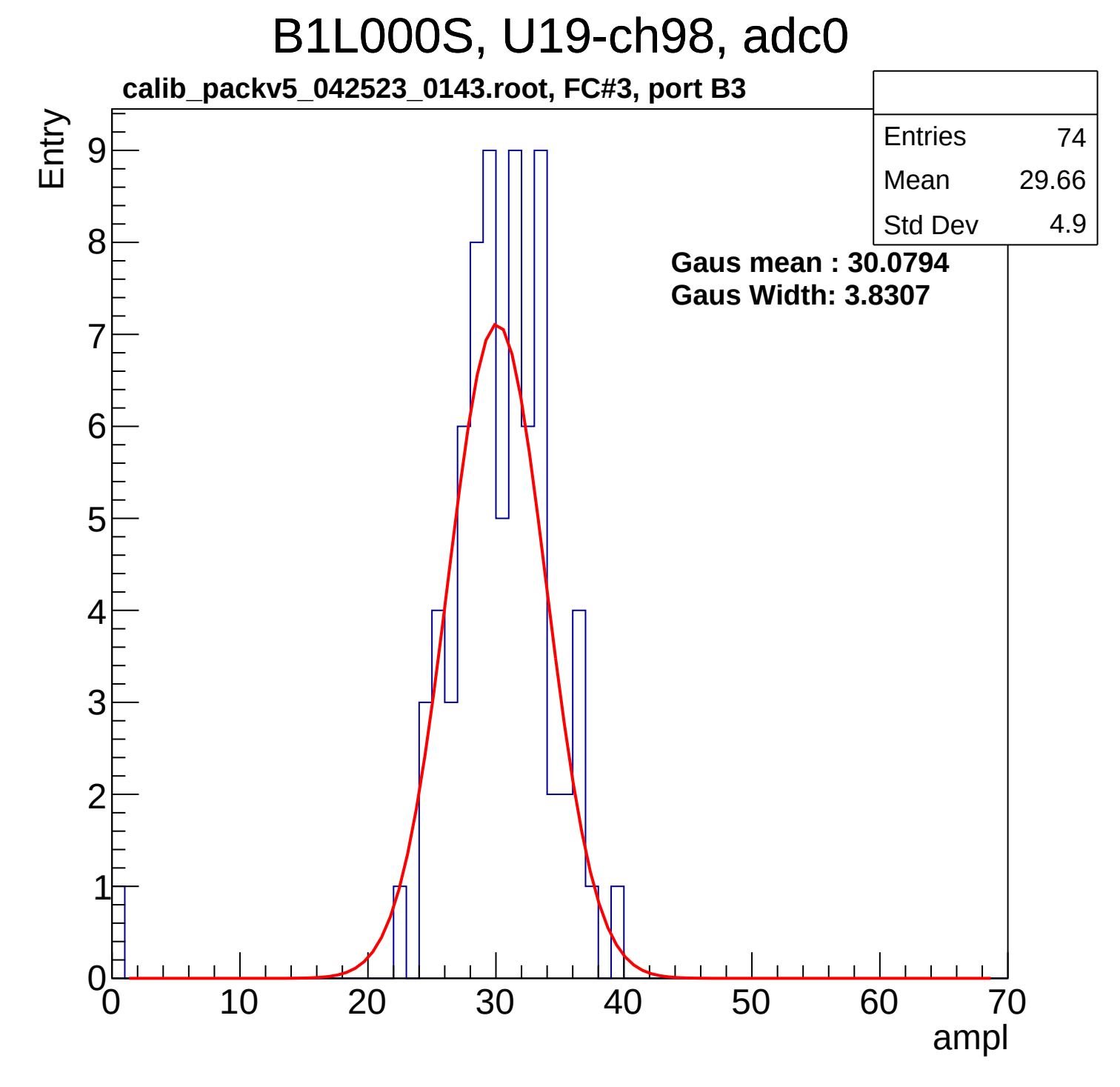
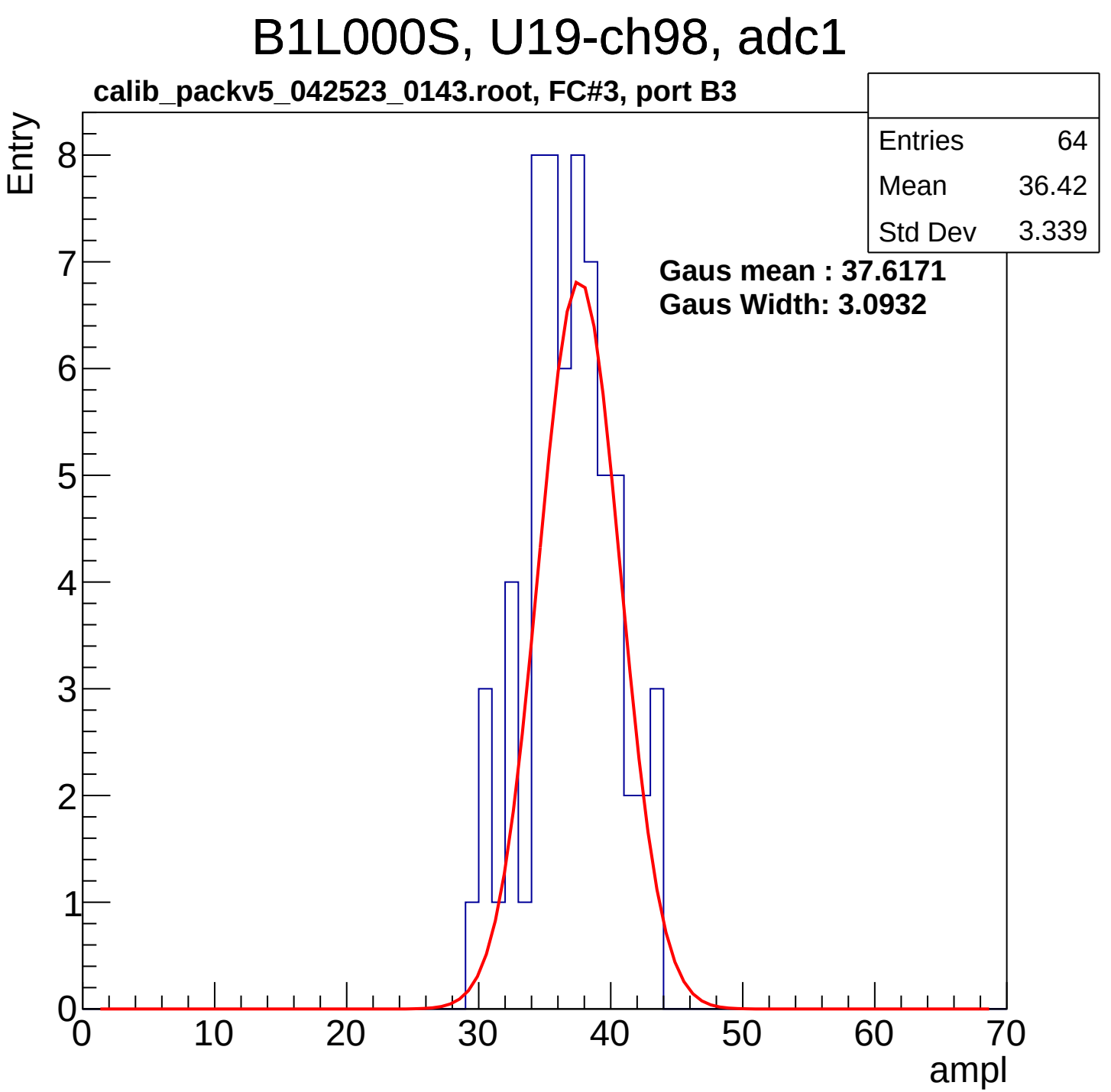

B1L000S, U19-ch98, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 29.66
Std Dev 4.9
Gaus mean : 30.0794
Gaus Width: 3.8307
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch98, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 36.42
Std Dev 3.339
Gaus mean : 37.6171
Gaus Width: 3.0932
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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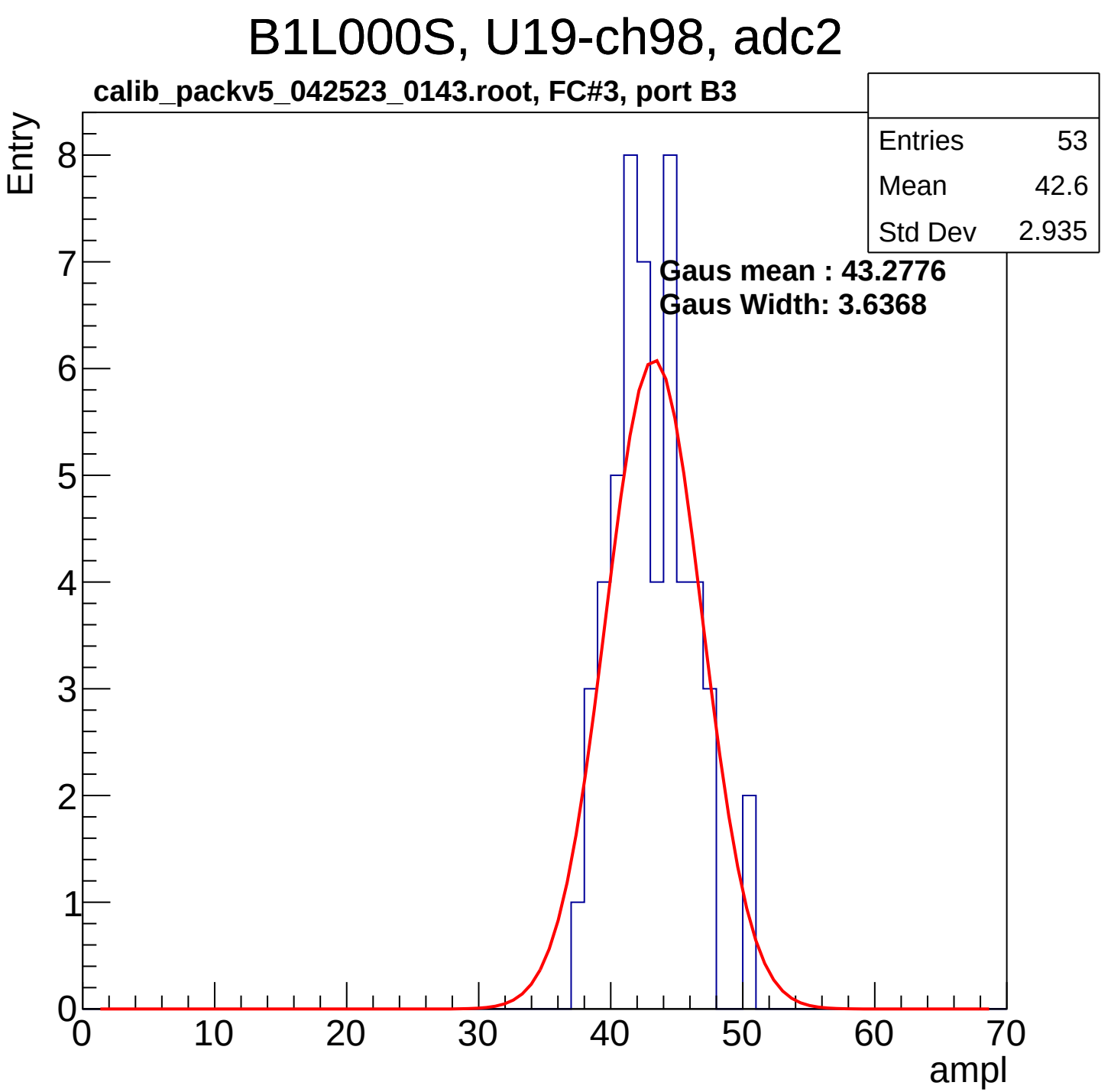
B1L000S, U19-ch98, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 42.6
Std Dev 2.935
Gaus mean : 43.2776
Gaus Width: 3.6368
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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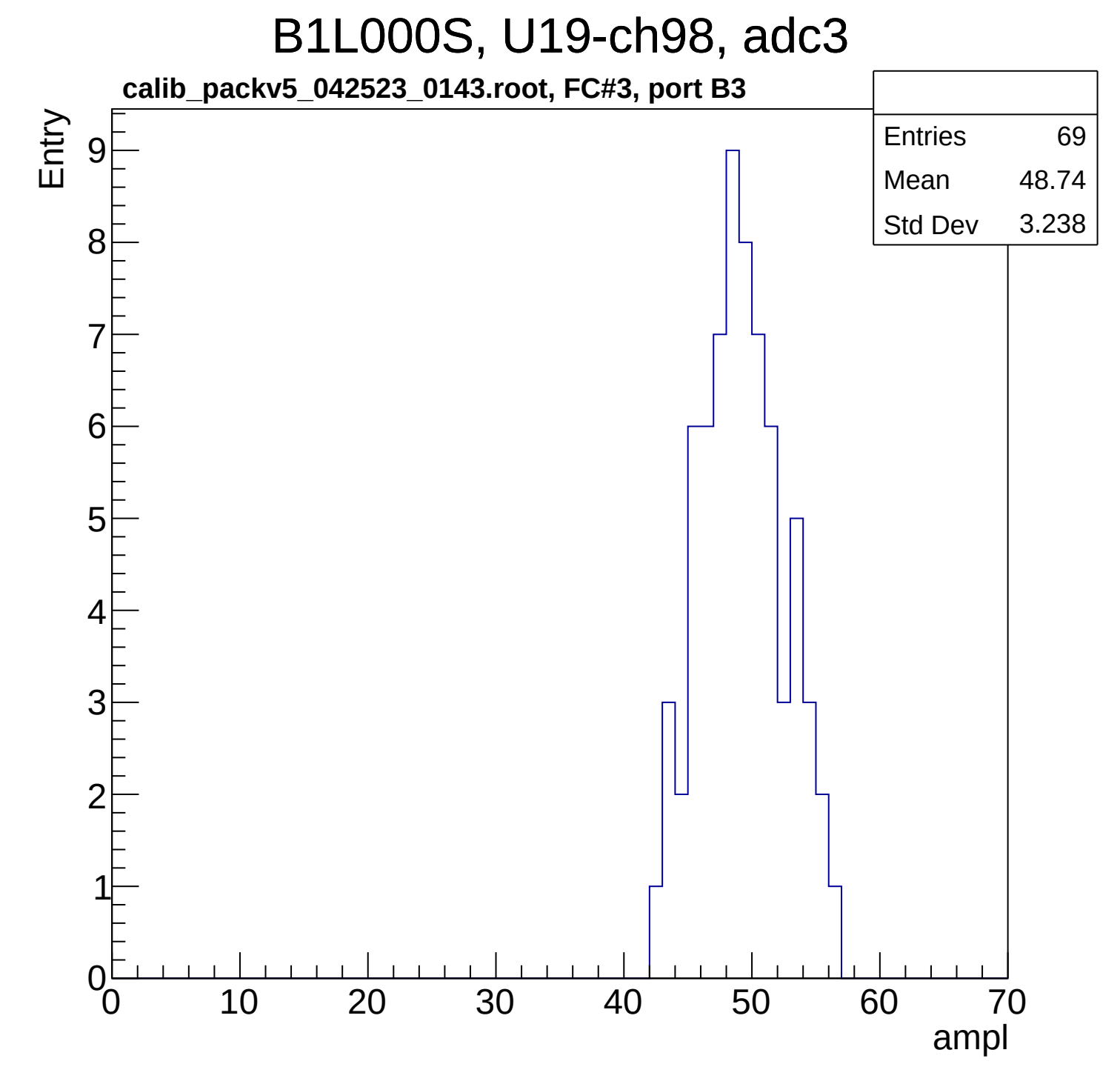
B1L000S, U19-ch98, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 48.74
Std Dev 3.238
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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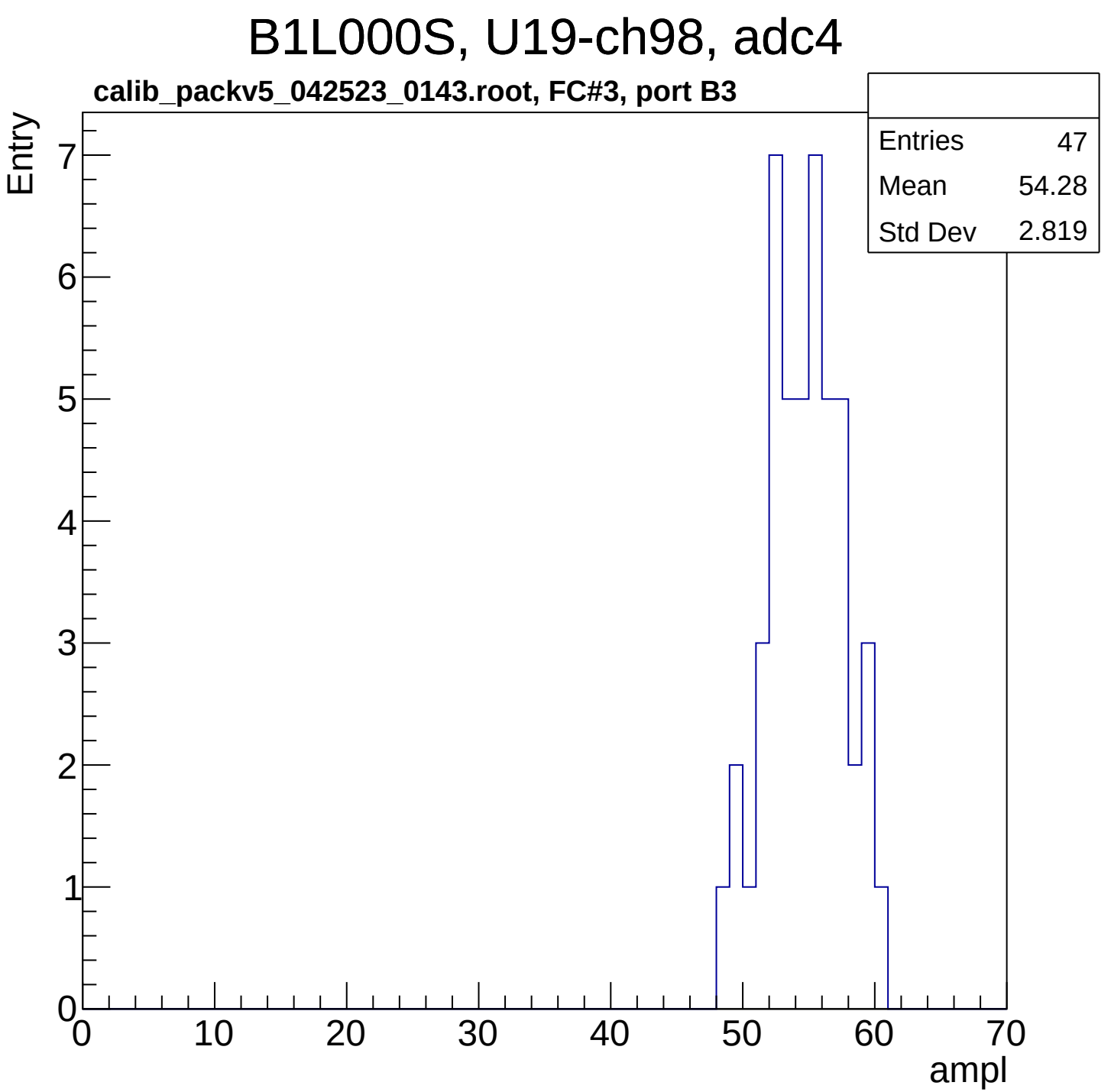
B1L000S, U19-ch98, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 54.28
Std Dev 2.819
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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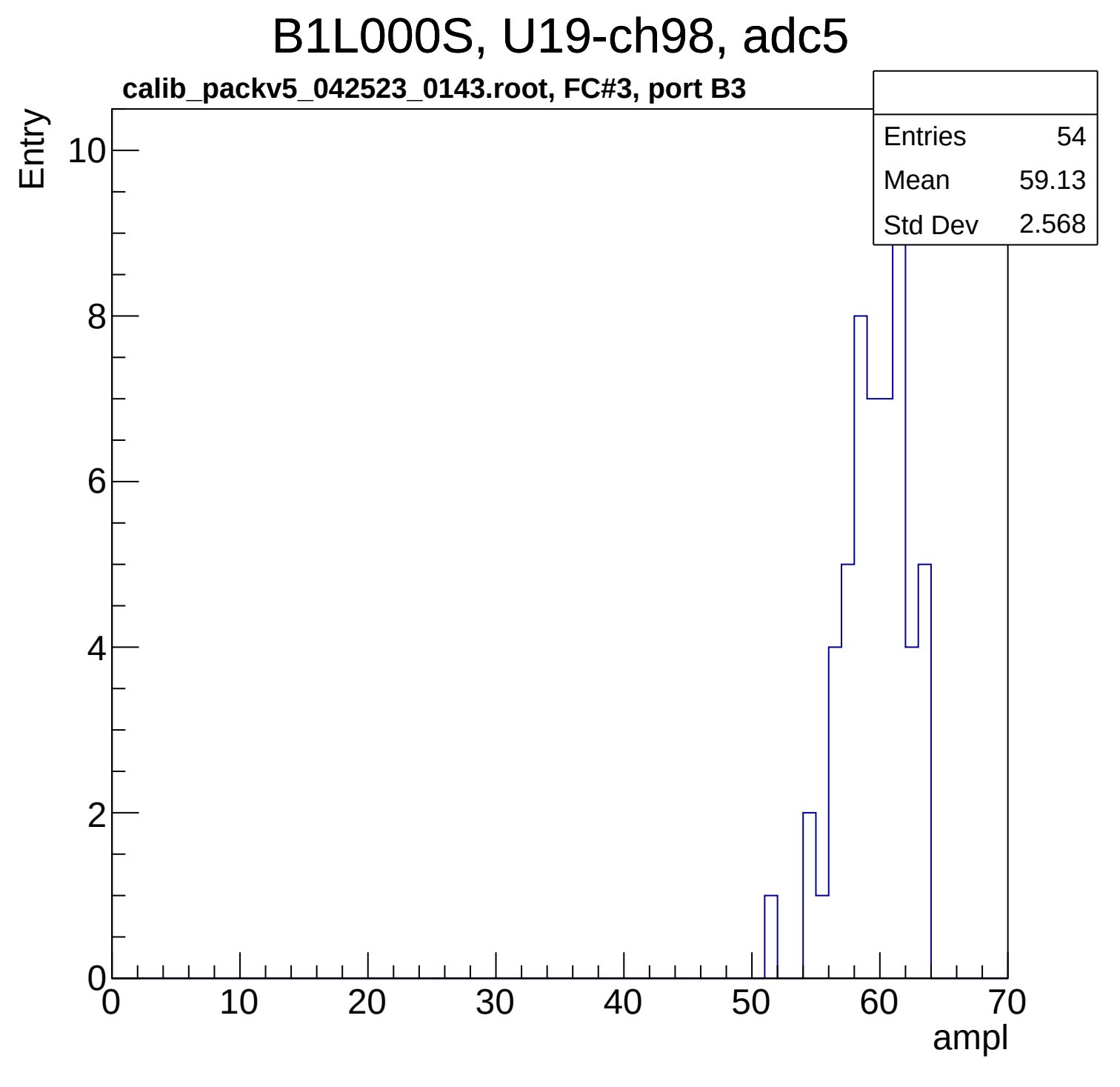
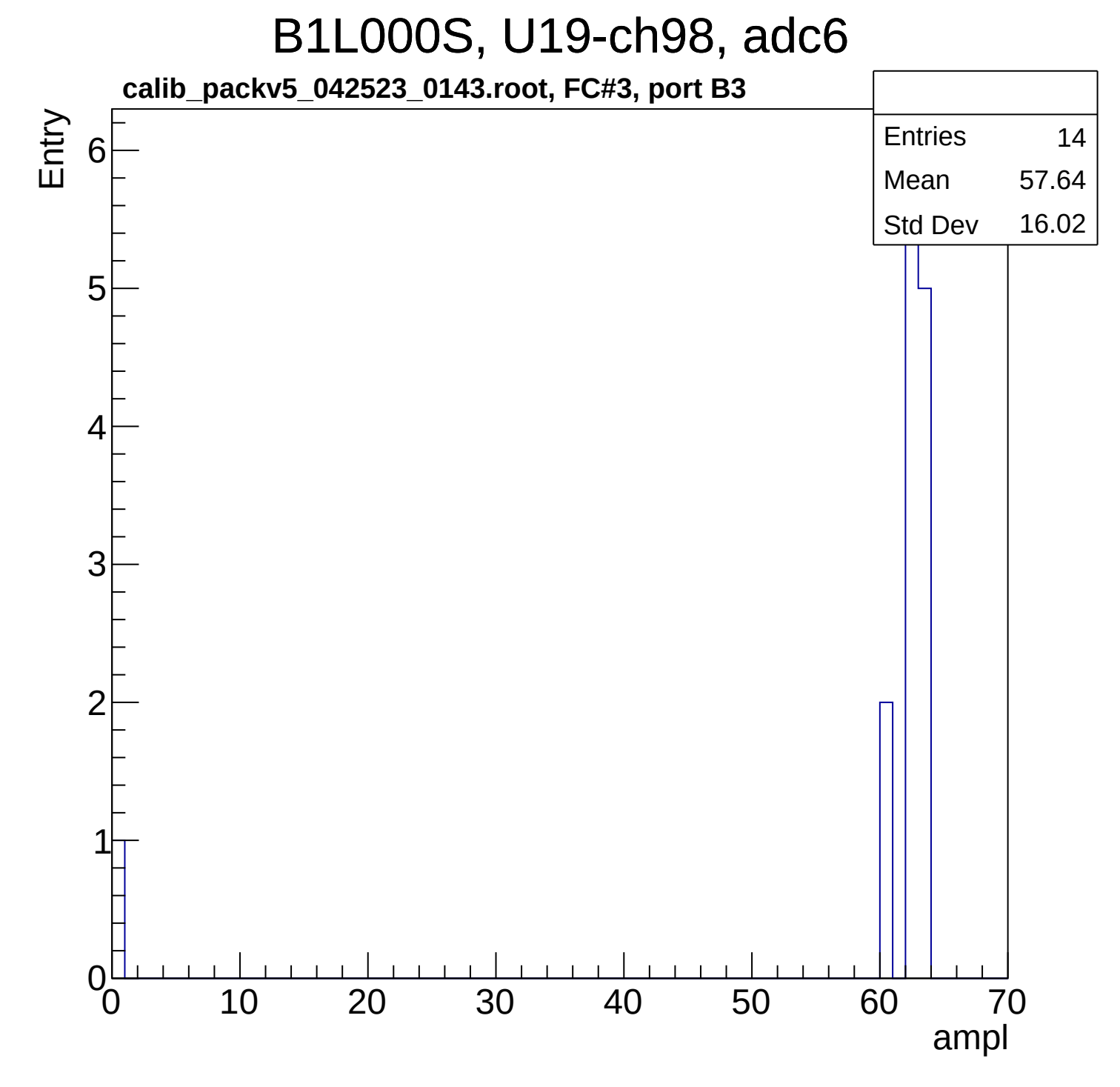
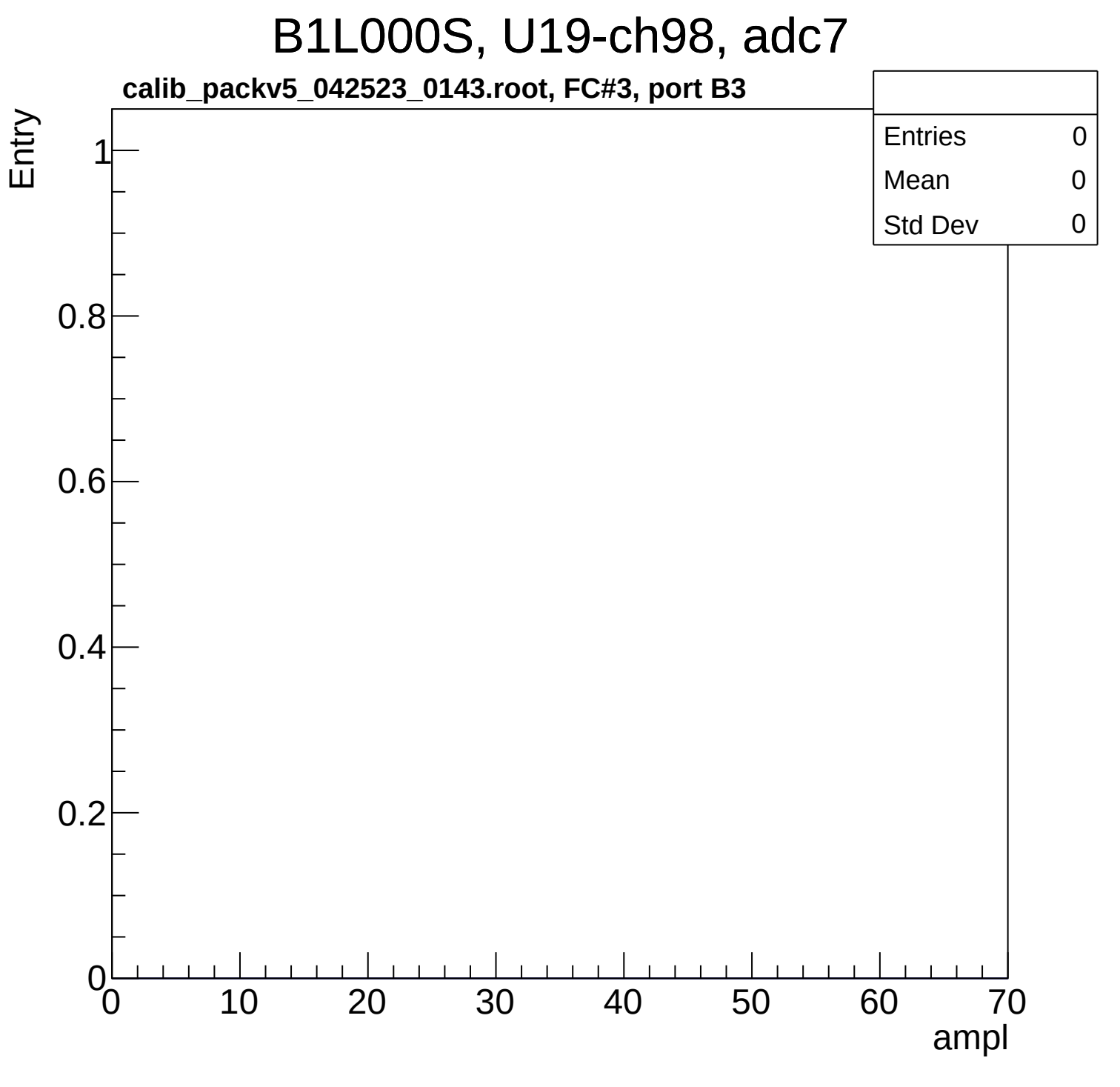
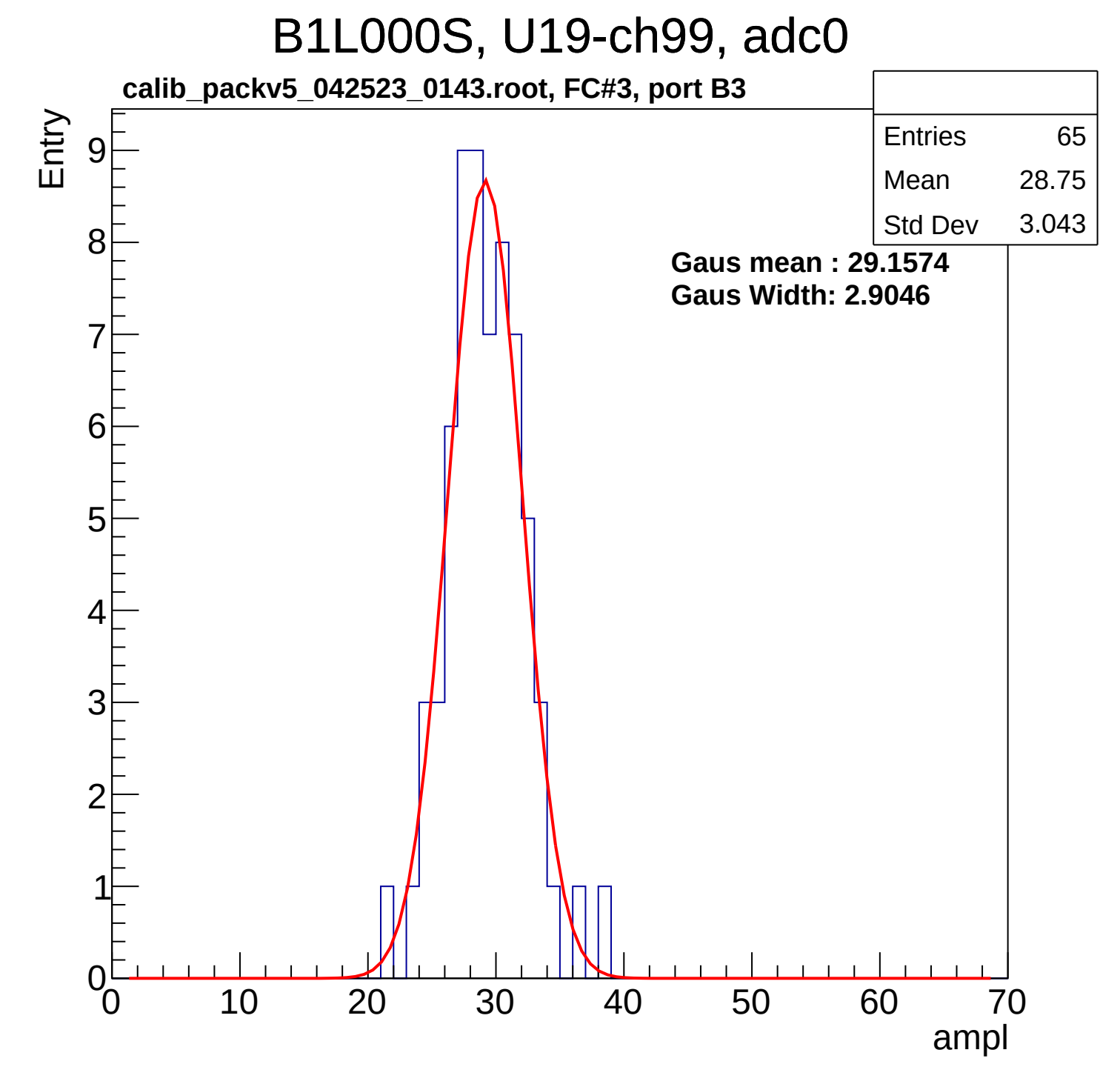

B1L000S, U19-ch98, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 59.13
Std Dev 2.568
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch98, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 57.64
Std Dev 16.02
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L000S, U19-ch98, 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, U19-ch99, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 28.75
Std Dev 3.043
Gaus mean : 29.1574
Gaus Width: 2.9046
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
50
60
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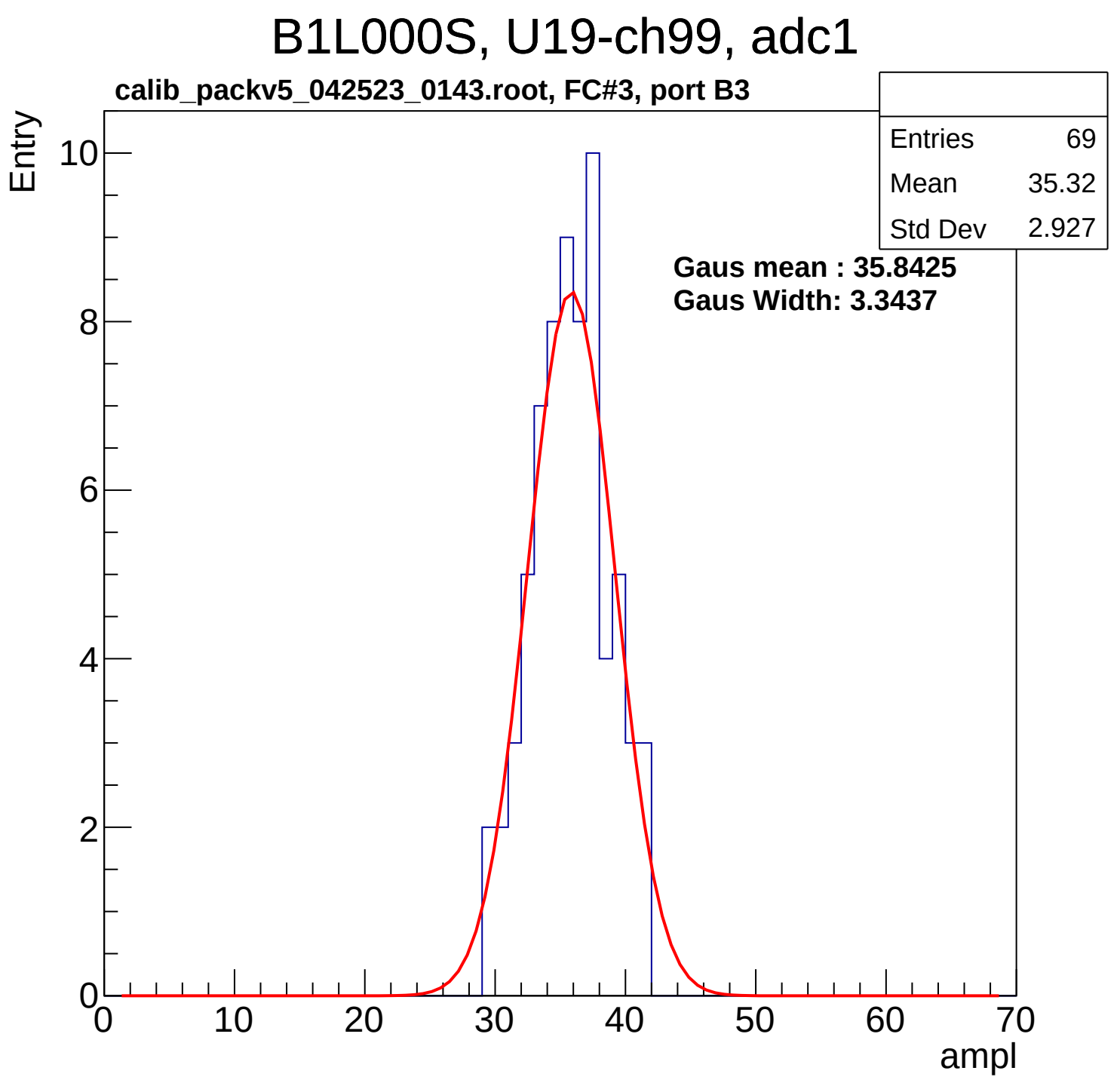
B1L000S, U19-ch99, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 35.32
Std Dev 2.927
Gaus mean : 35.8425
Gaus Width: 3.3437
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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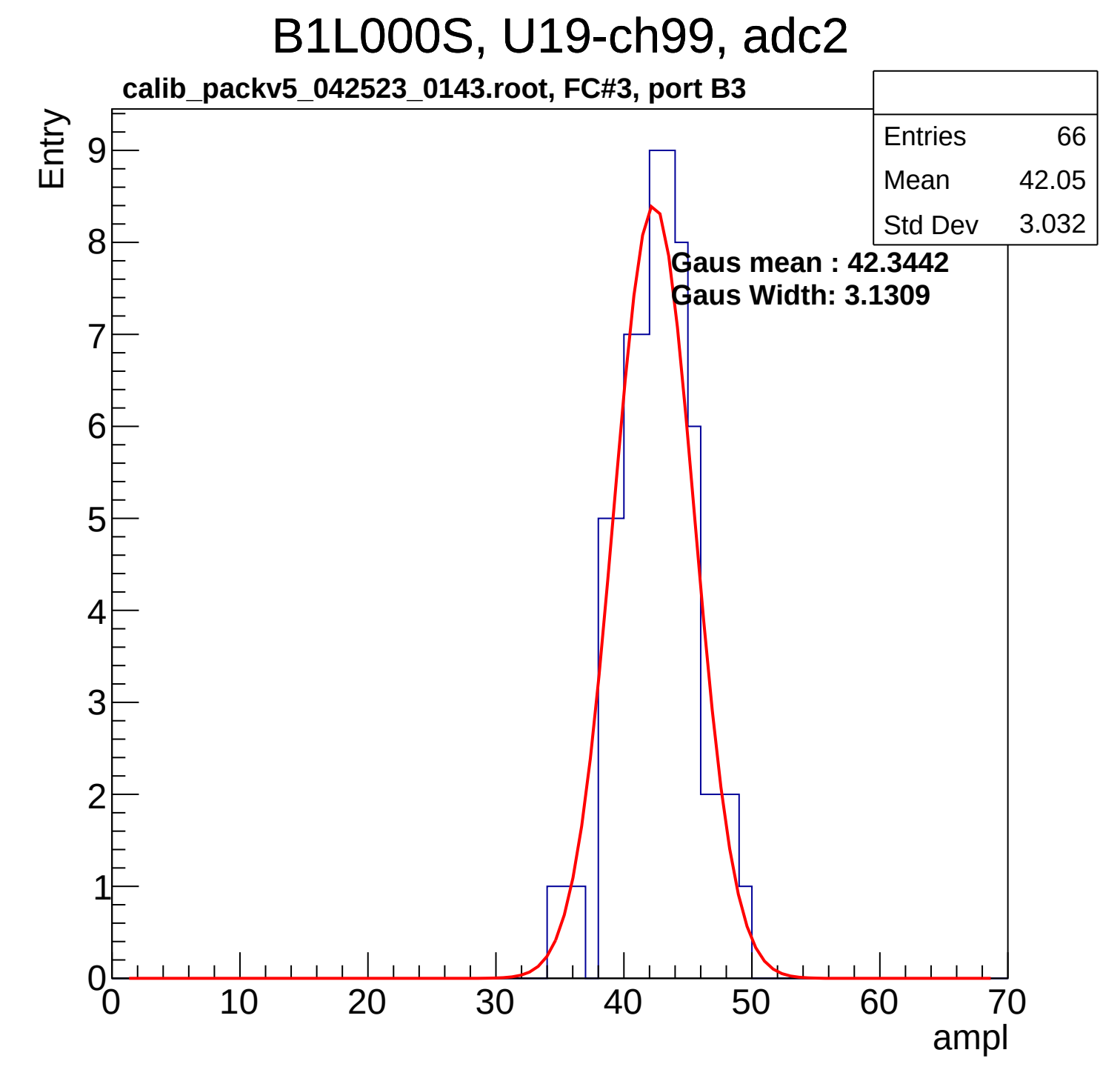
B1L000S, U19-ch99, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 42.05
Std Dev 3.032
Gaus mean : 42.3442
Gaus Width: 3.1309
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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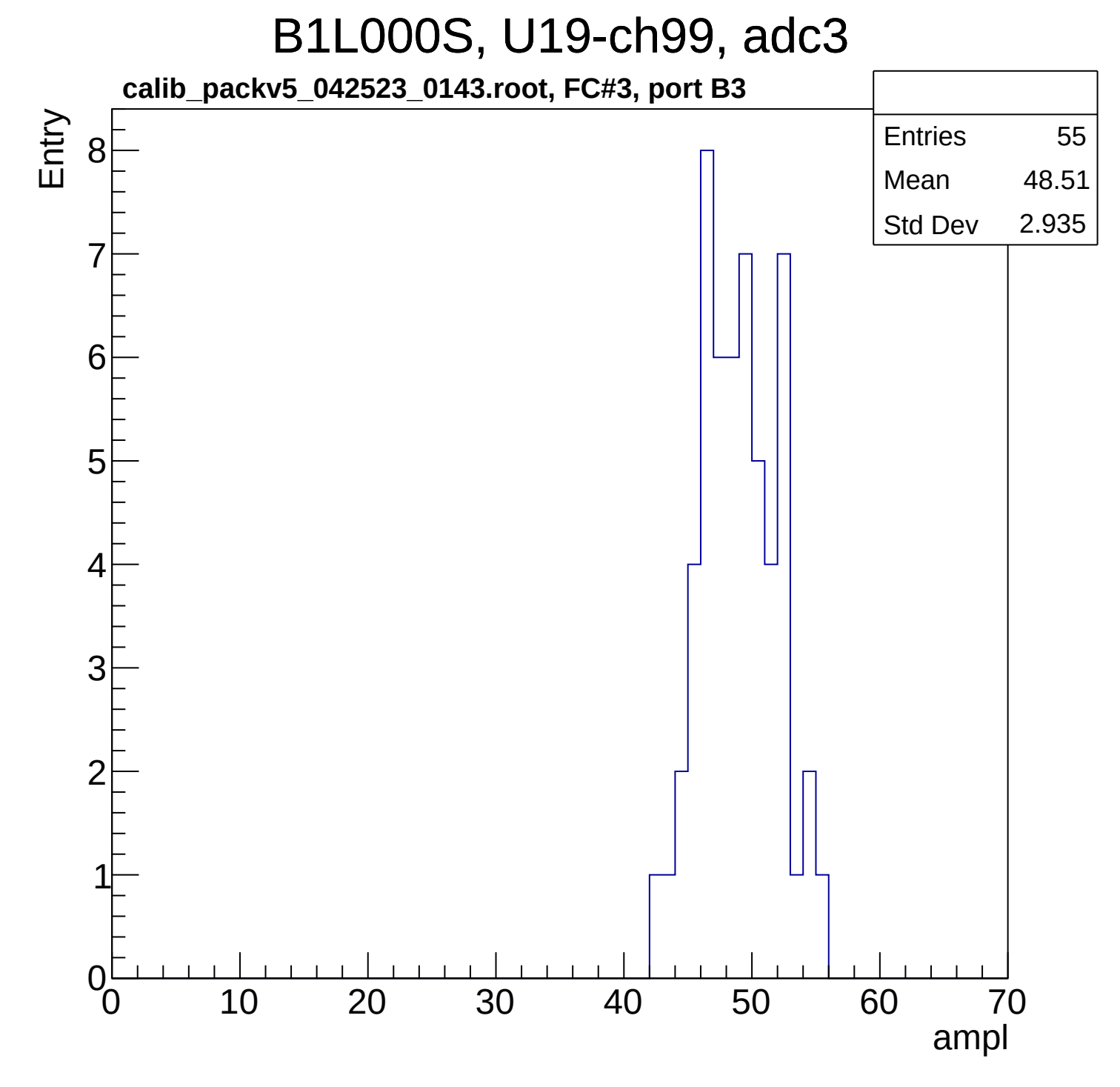
B1L000S, U19-ch99, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 48.51
Std Dev 2.935
Entry
0
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2
3
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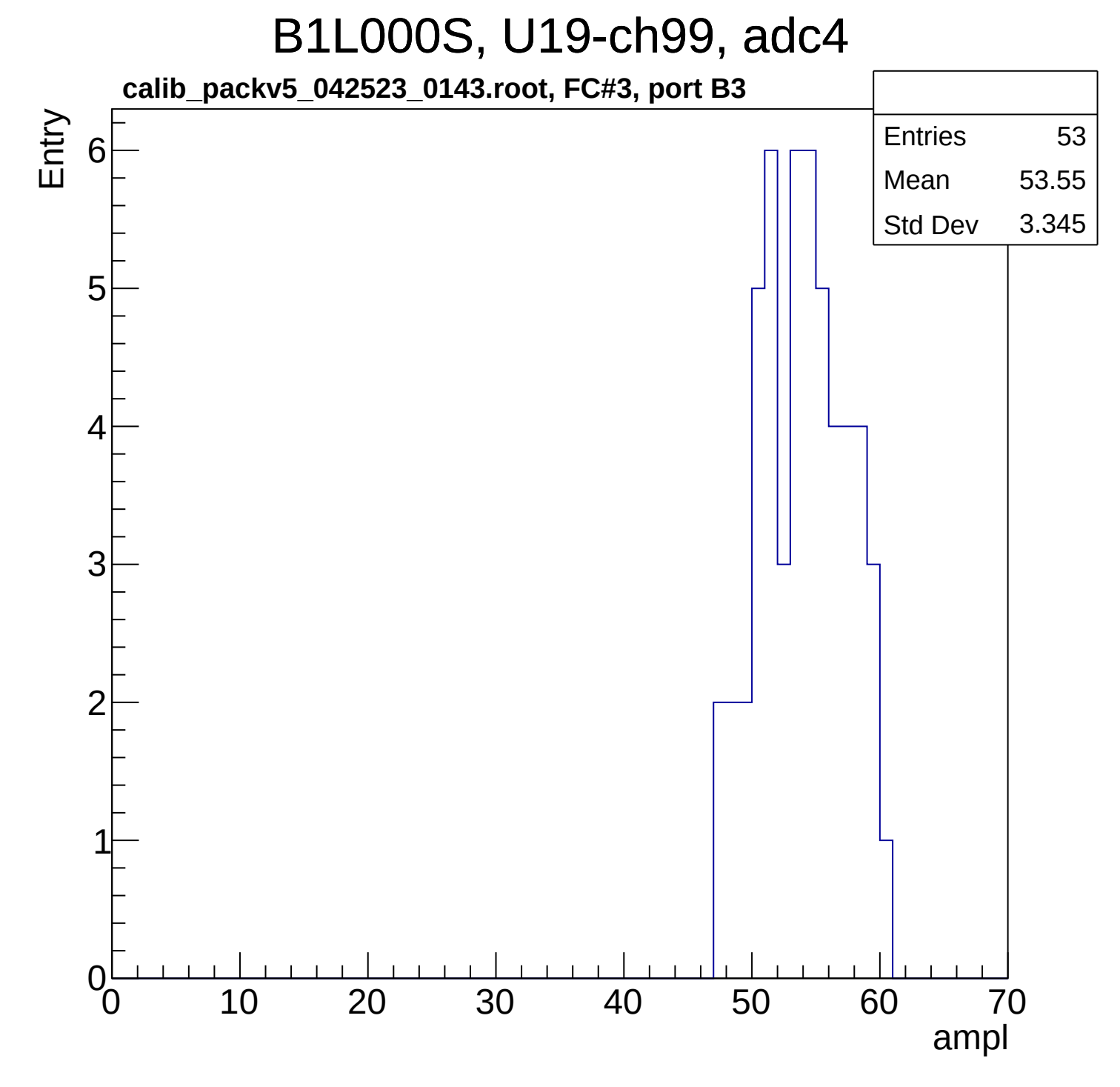
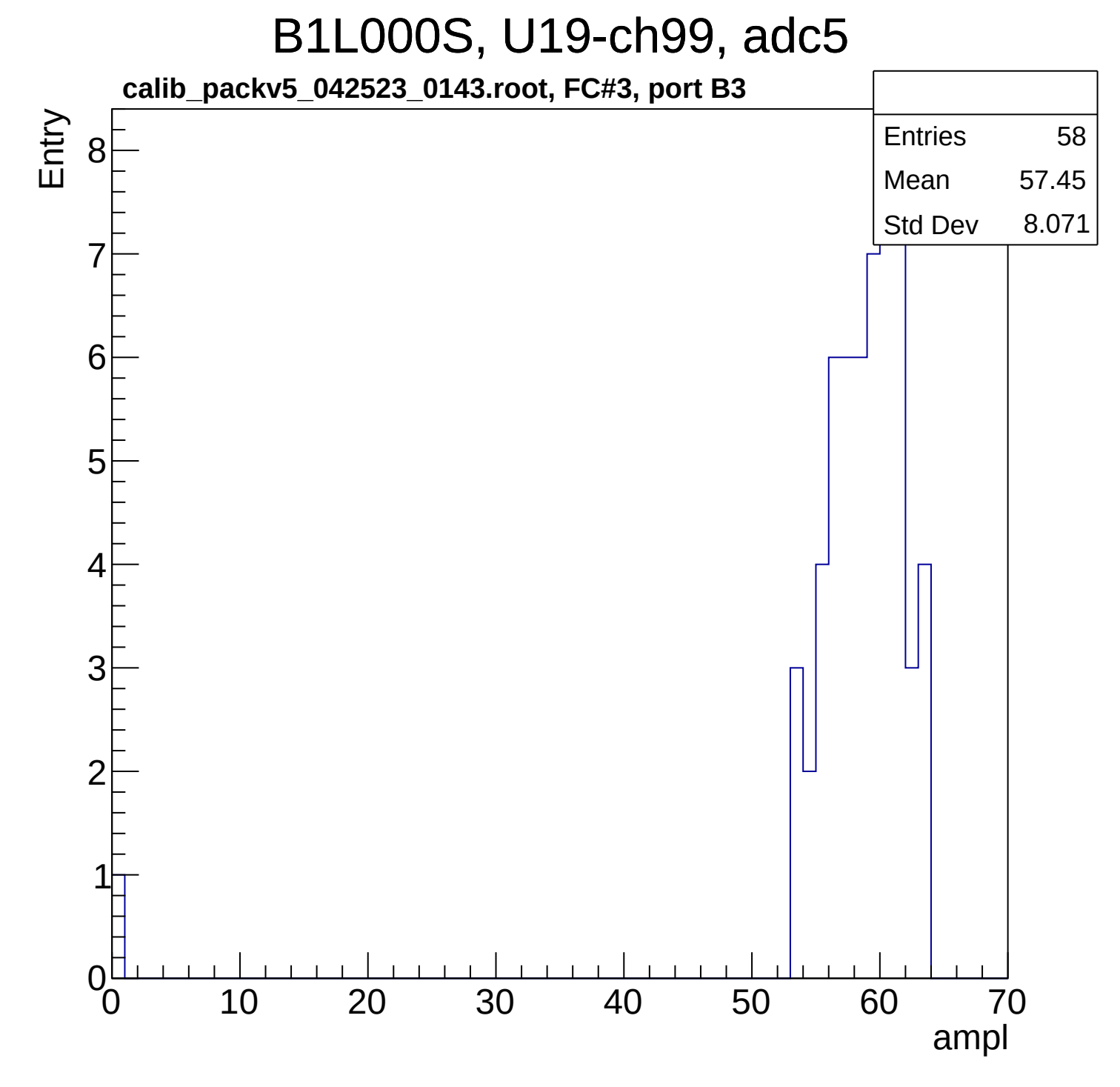
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch99, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 53.55
Std Dev 3.345
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch99, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 57.45
Std Dev 8.071
Entry
ampl
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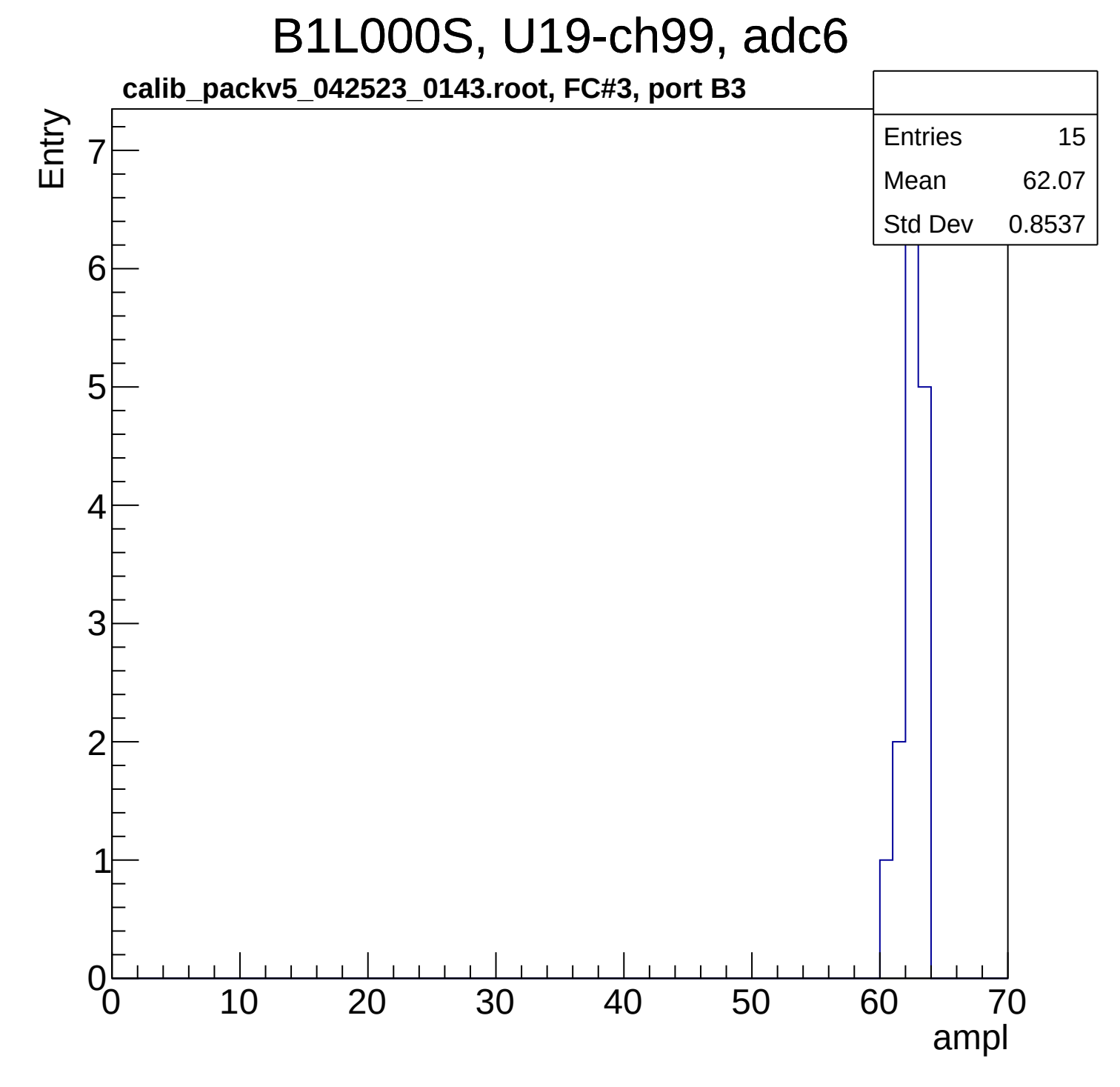
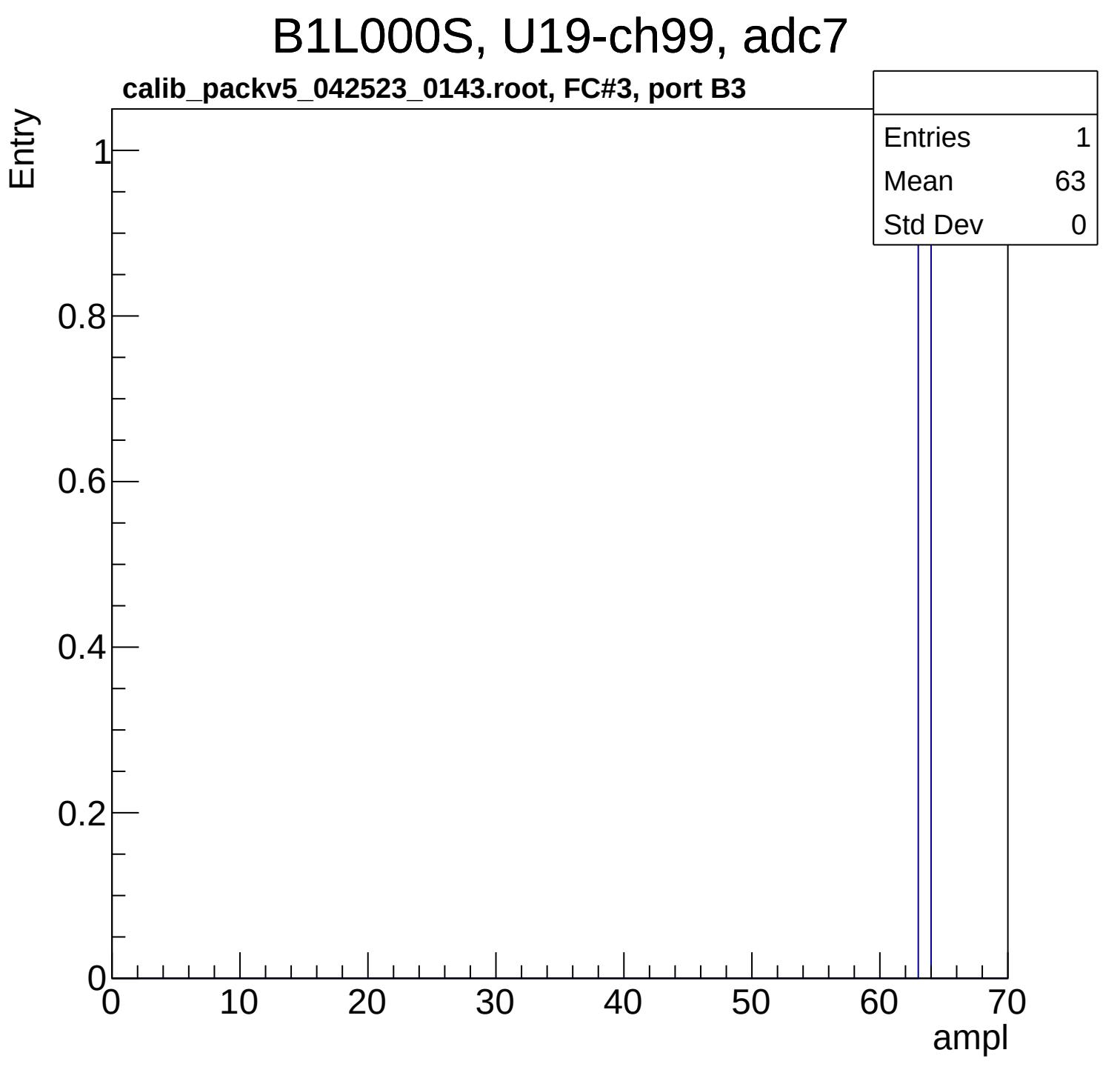
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch99, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 62.07
Std Dev 0.8537
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U19-ch99, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 63
Std Dev 0
Entry
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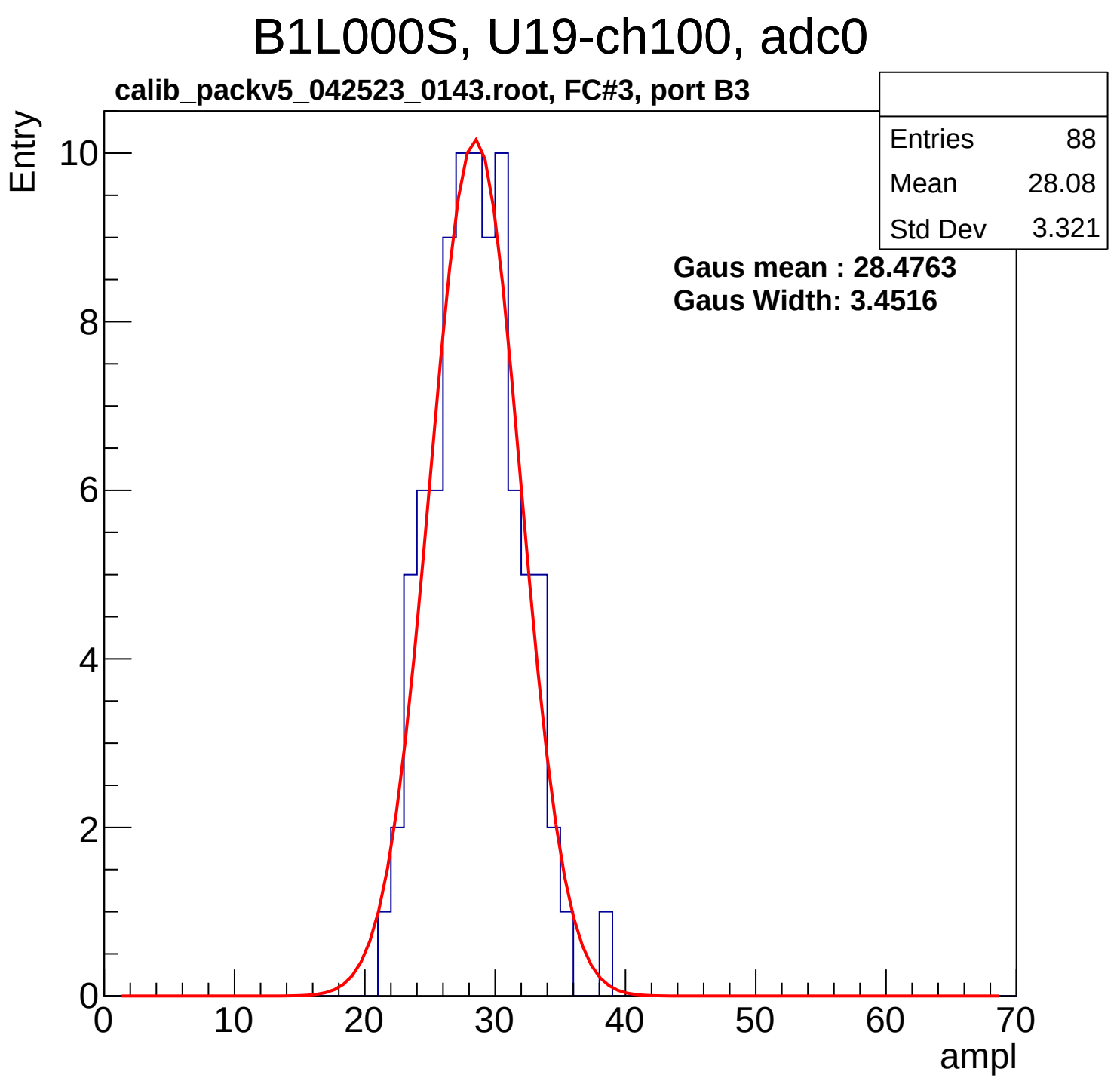
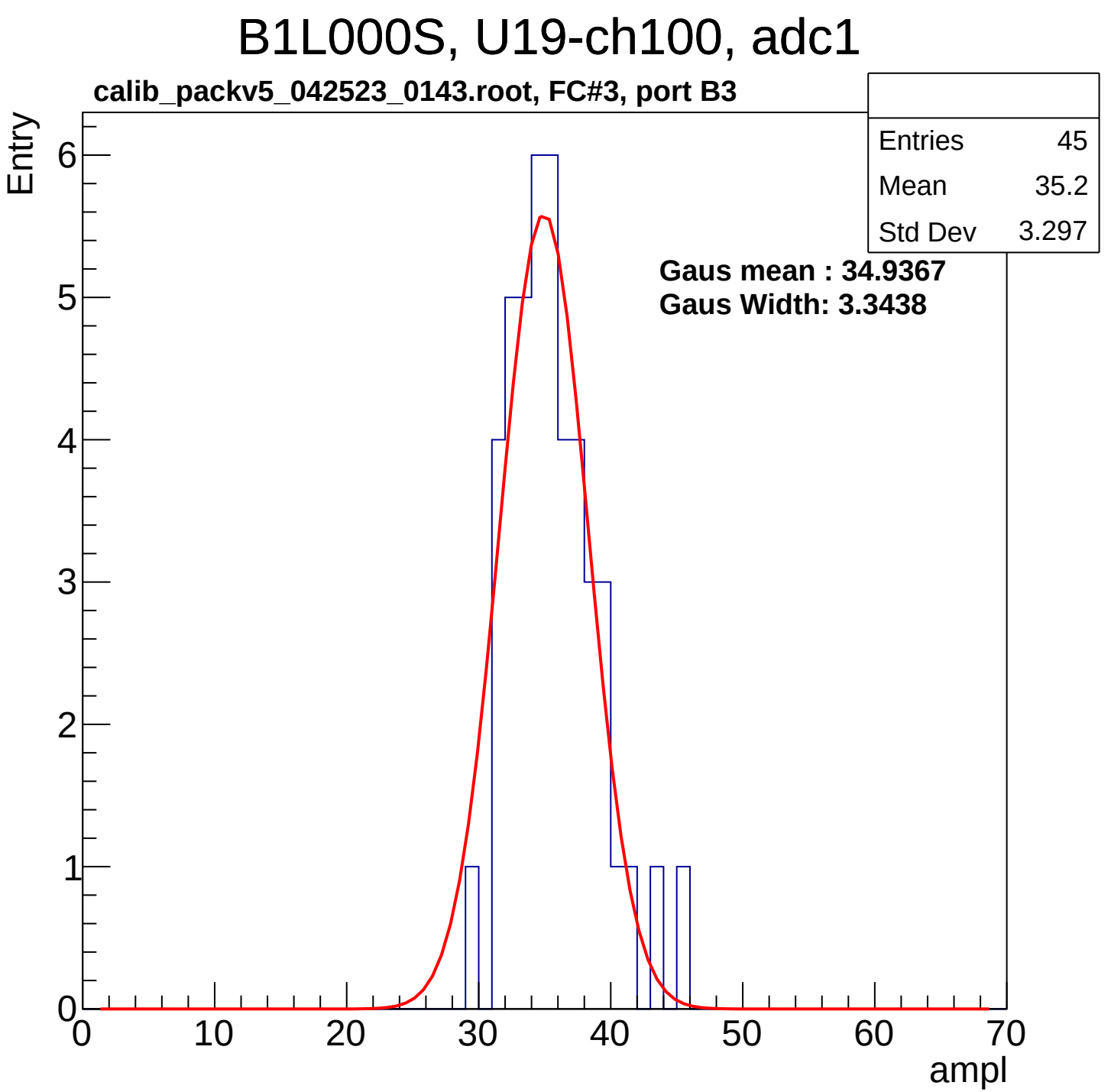
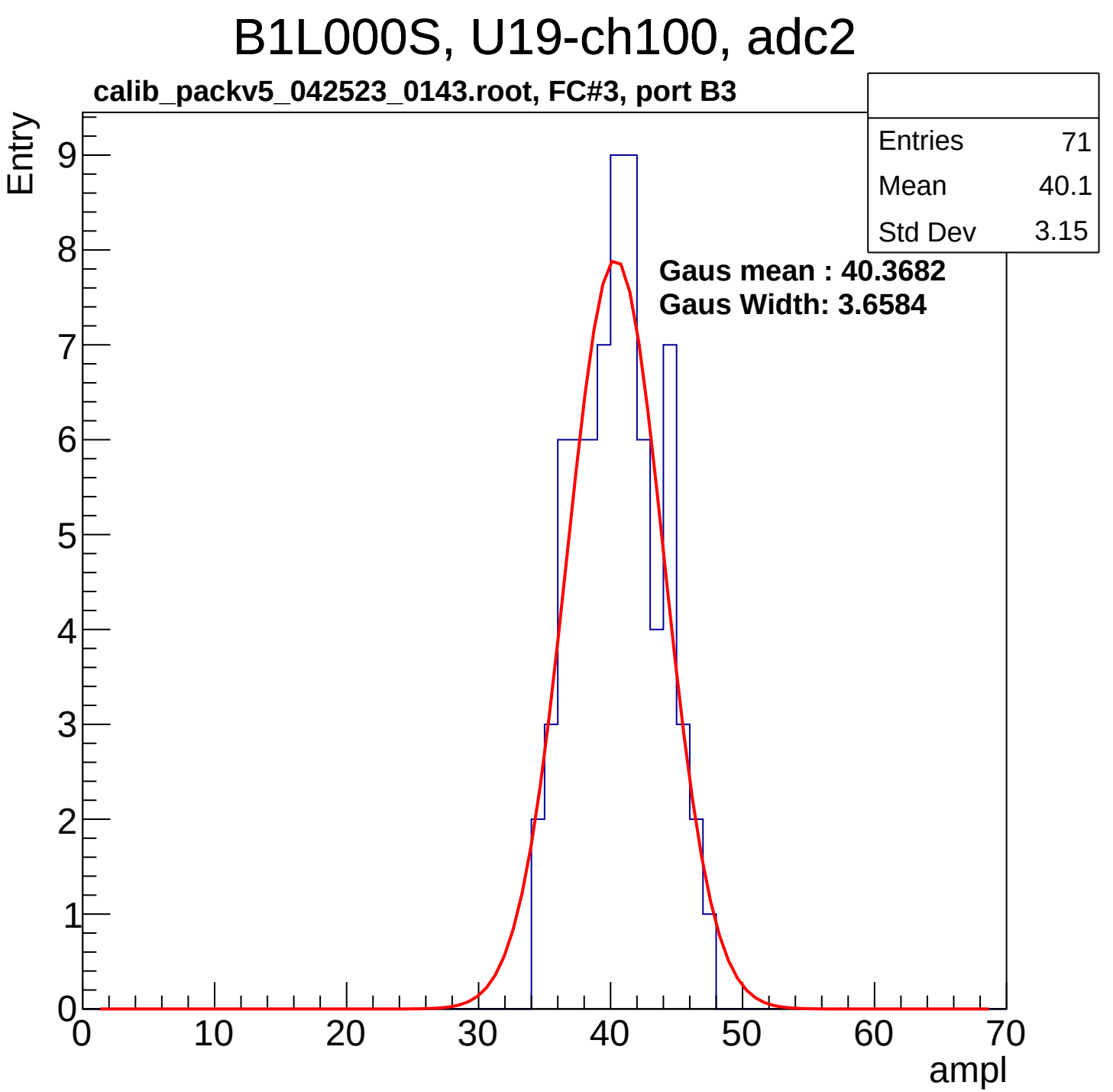
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch100, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 88
Mean 28.08
Std Dev 3.321
Gaus mean : 28.4763
Gaus Width: 3.4516
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch100, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 35.2
Std Dev 3.297
Gaus mean : 34.9367
Gaus Width: 3.3438
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L000S, U19-ch100, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 40.1
Std Dev 3.15
Gaus mean : 40.3682
Gaus Width: 3.6584
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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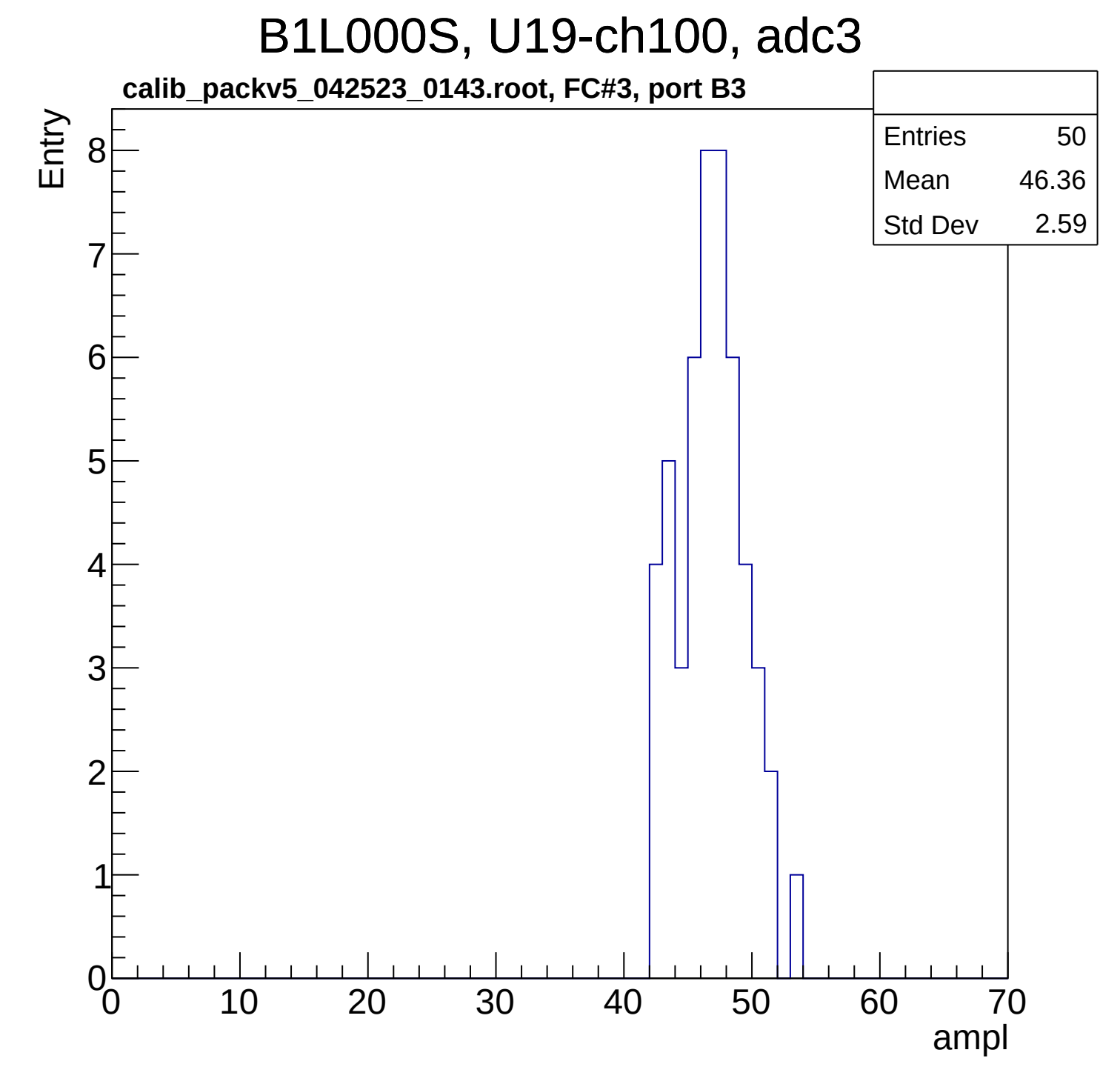
B1L000S, U19-ch100, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 46.36
Std Dev 2.59
Entry
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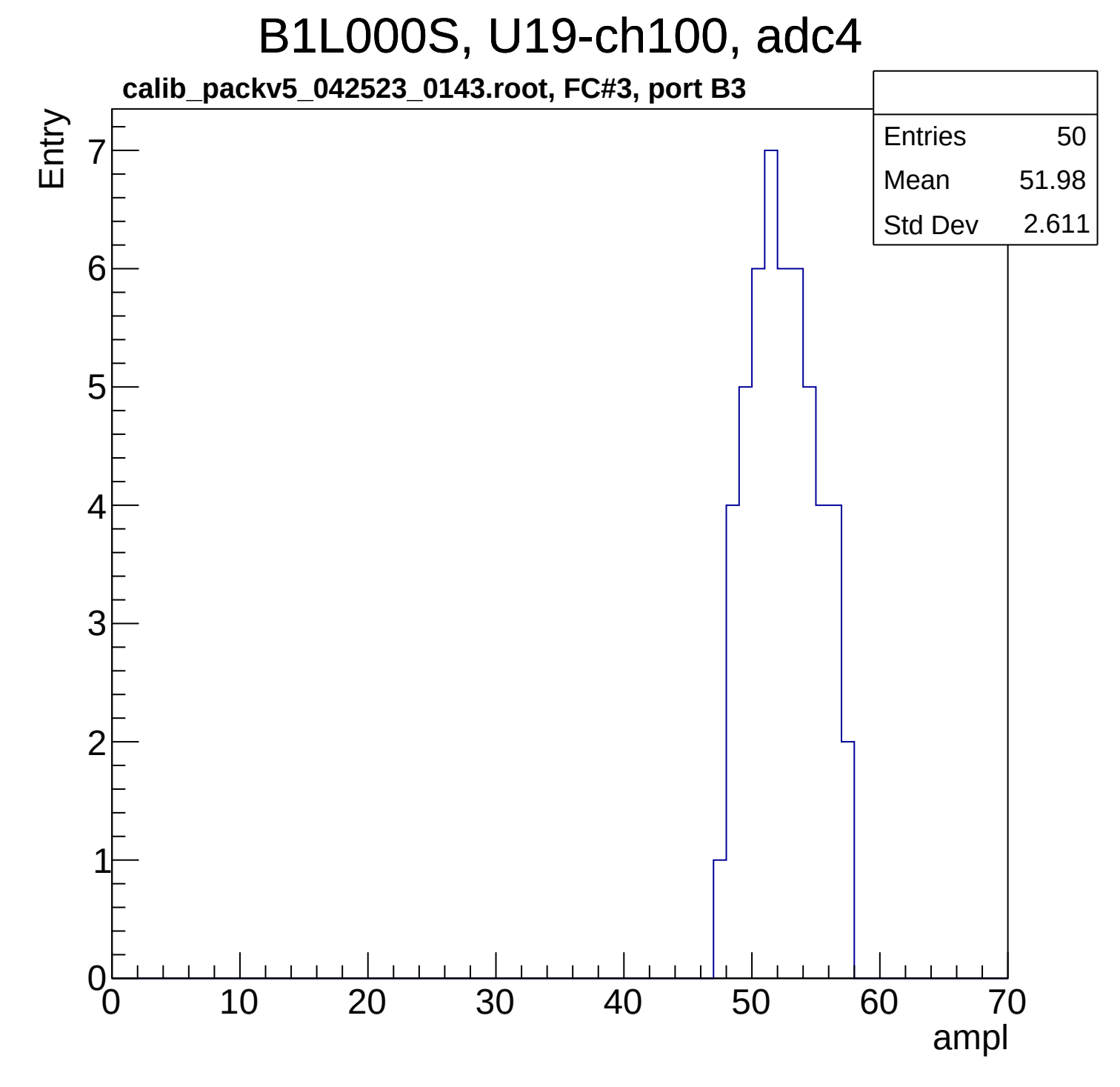
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch100, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 51.98
Std Dev 2.611
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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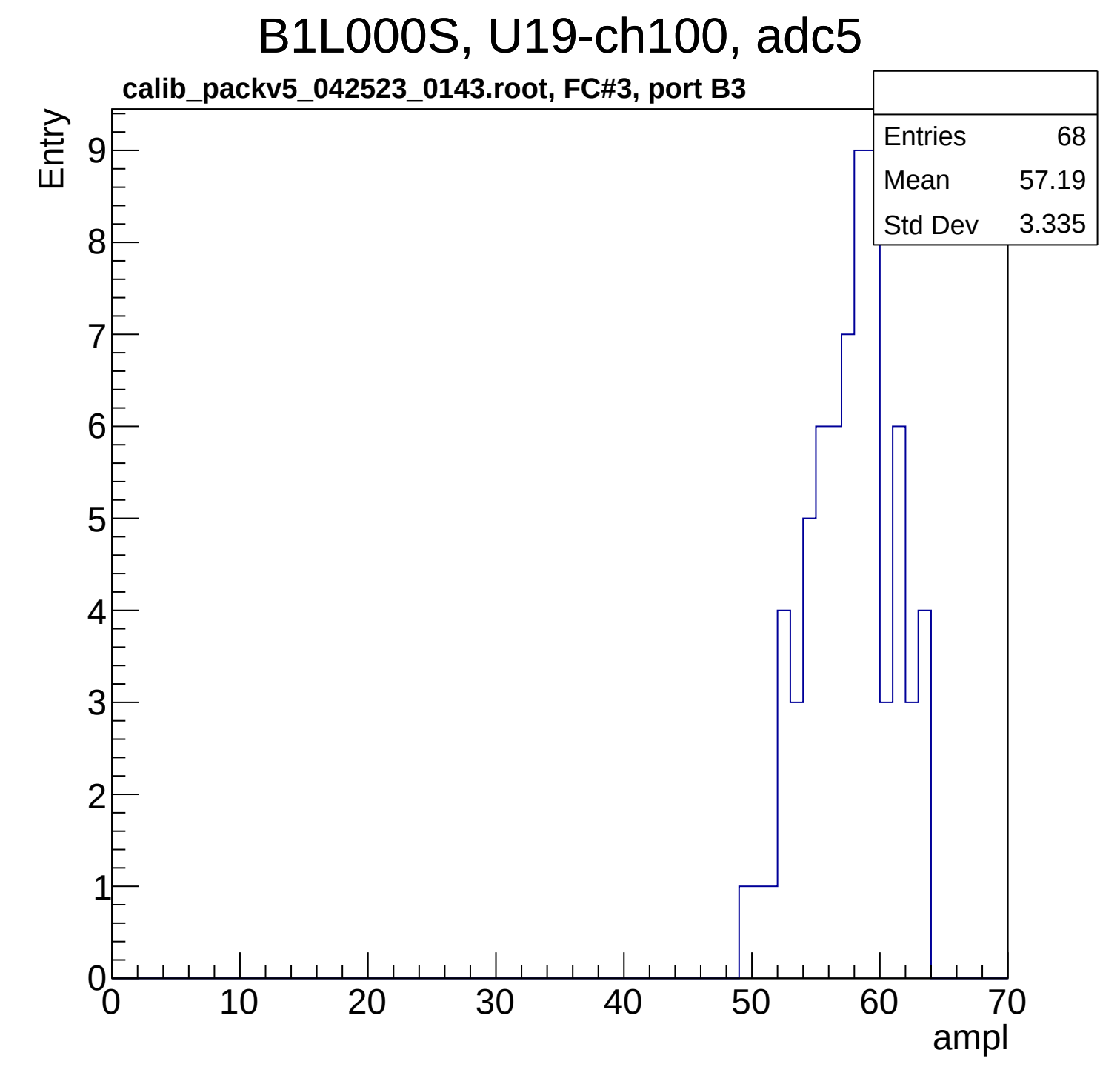
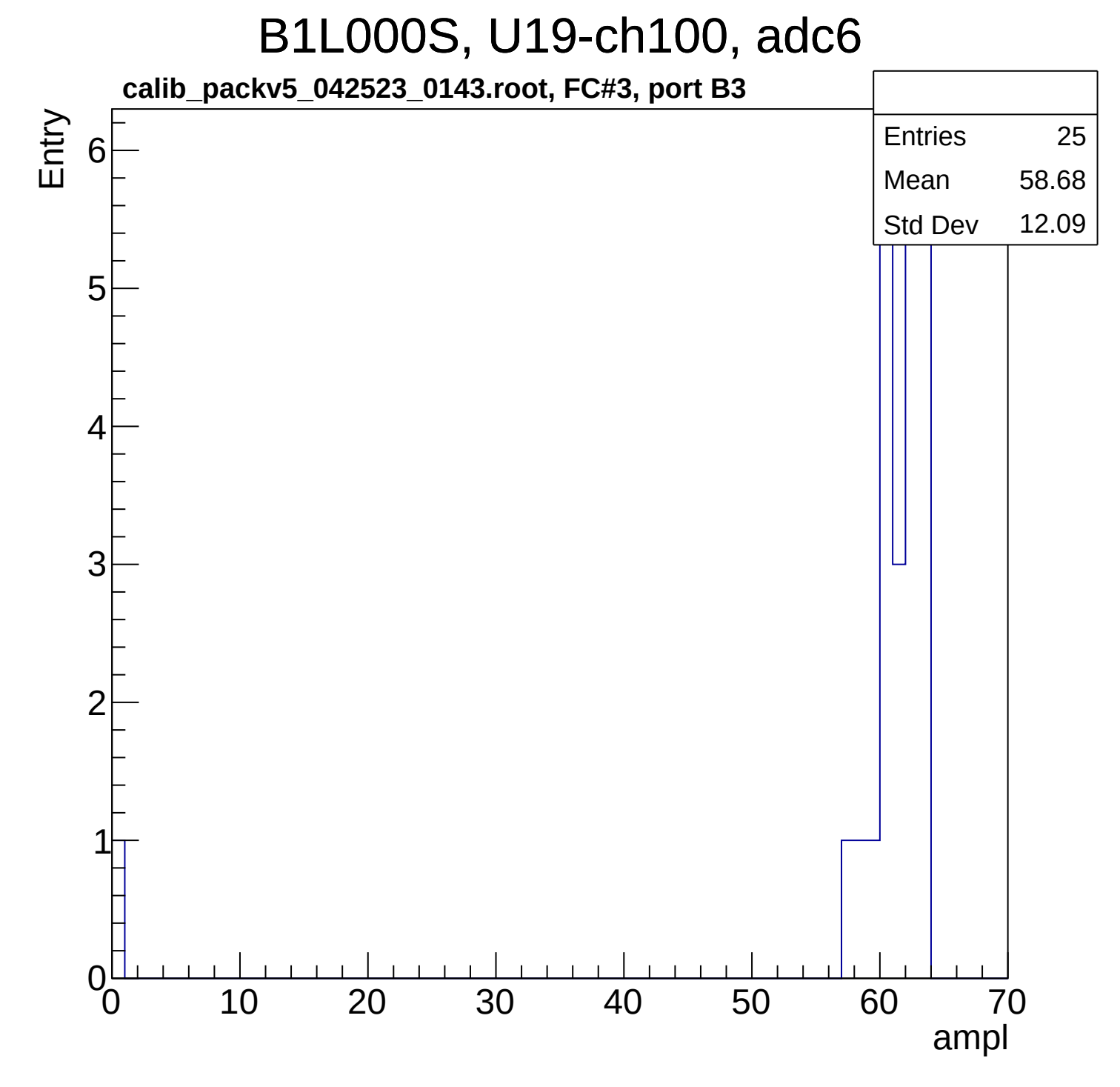

B1L000S, U19-ch100, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 57.19
Std Dev 3.335
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch100, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 25
Mean 58.68
Std Dev 12.09
Entry
0
1
2
3
4
5
6
0
10
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50
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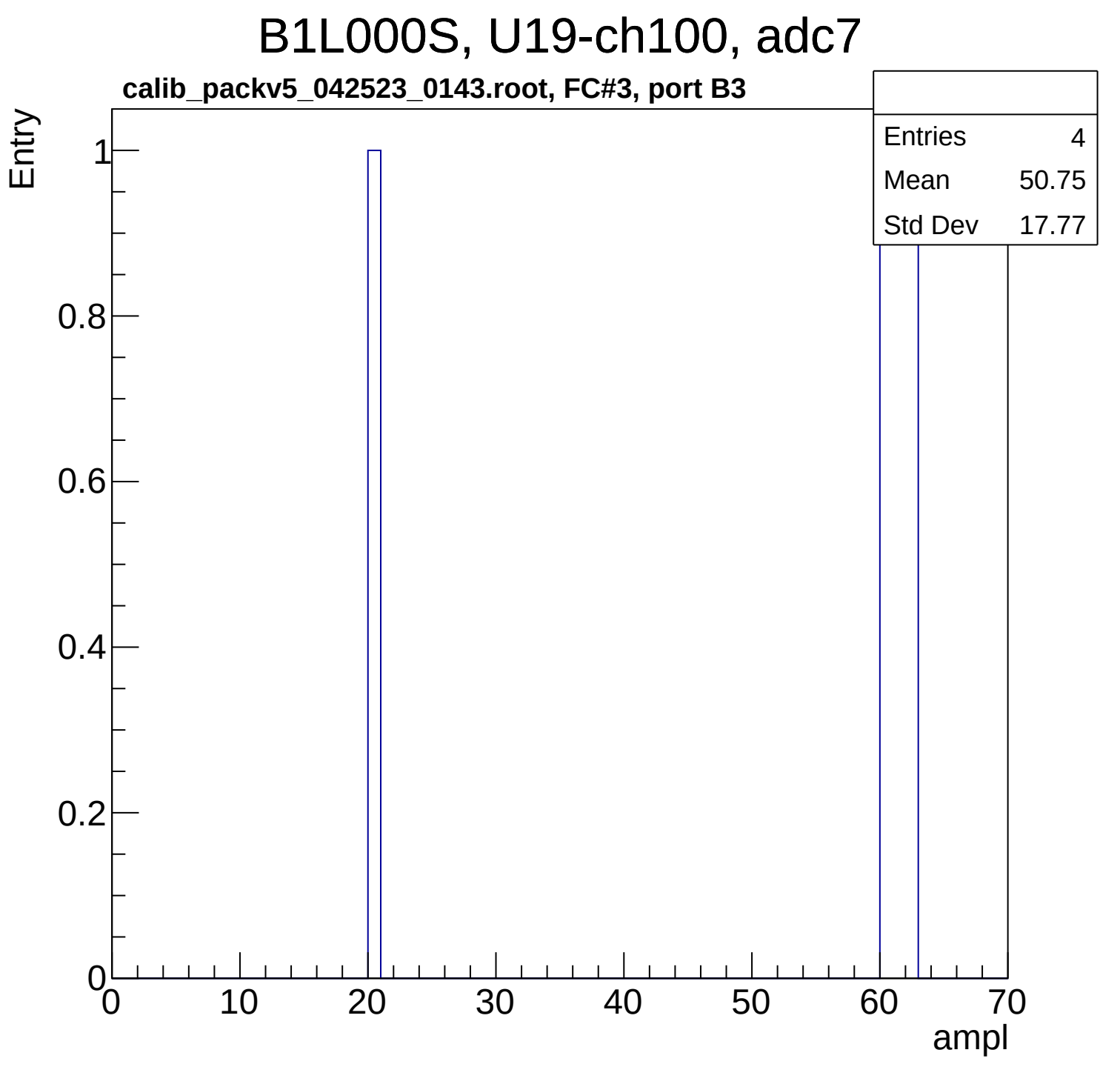
70
ampl


B1L000S, U19-ch100, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 50.75
Std Dev 17.77
Entry
ampl
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0.2
0.4
0.6
0.8
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0
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60
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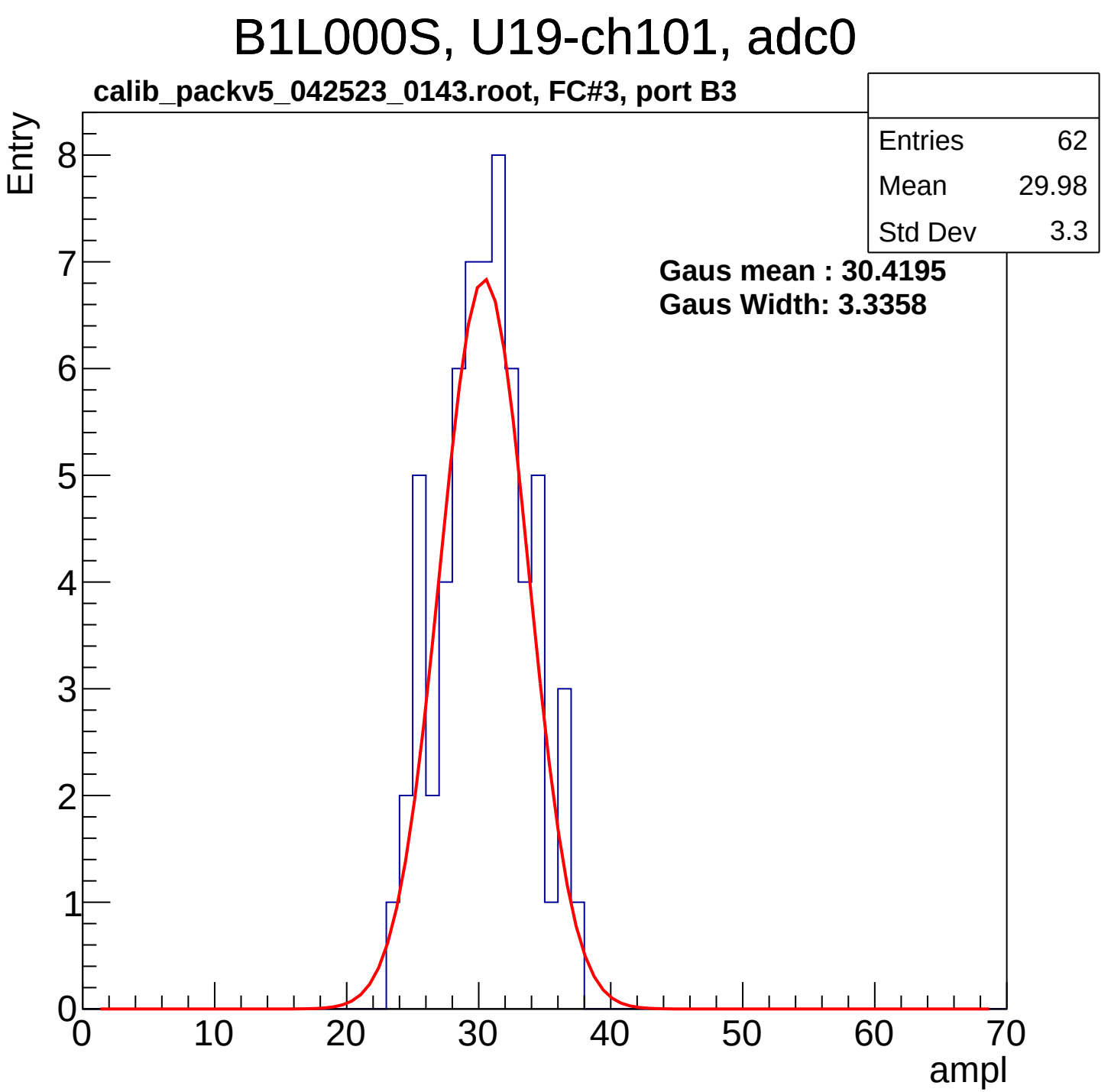
B1L000S, U19-ch101, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 29.98
Std Dev 3.3
Gaus mean : 30.4195
Gaus Width: 3.3358
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
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40
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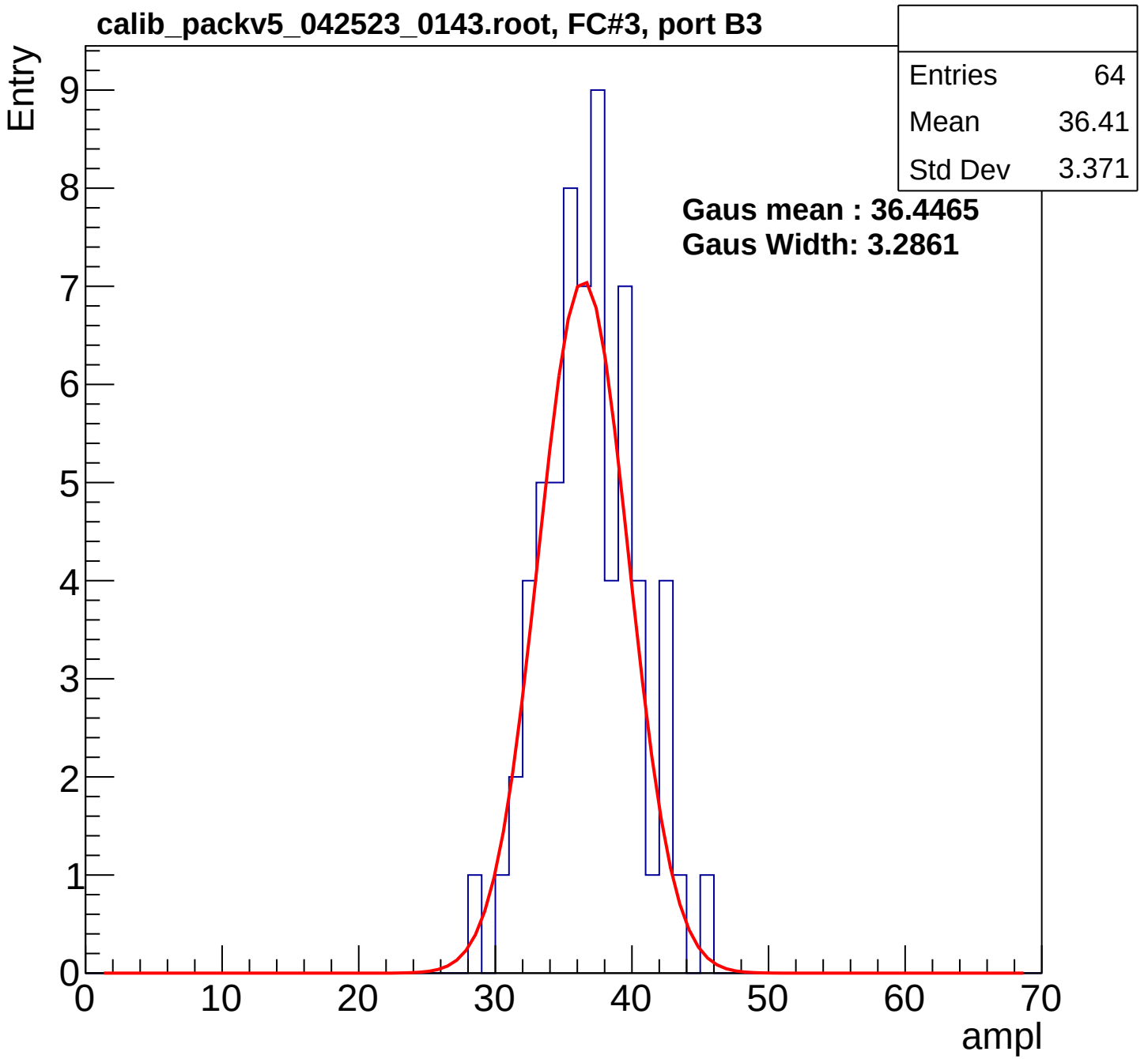
B1L000S, U19-ch101, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 36.41
Std Dev 3.371
Gaus mean : 36.4465
Gaus Width: 3.2861
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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60
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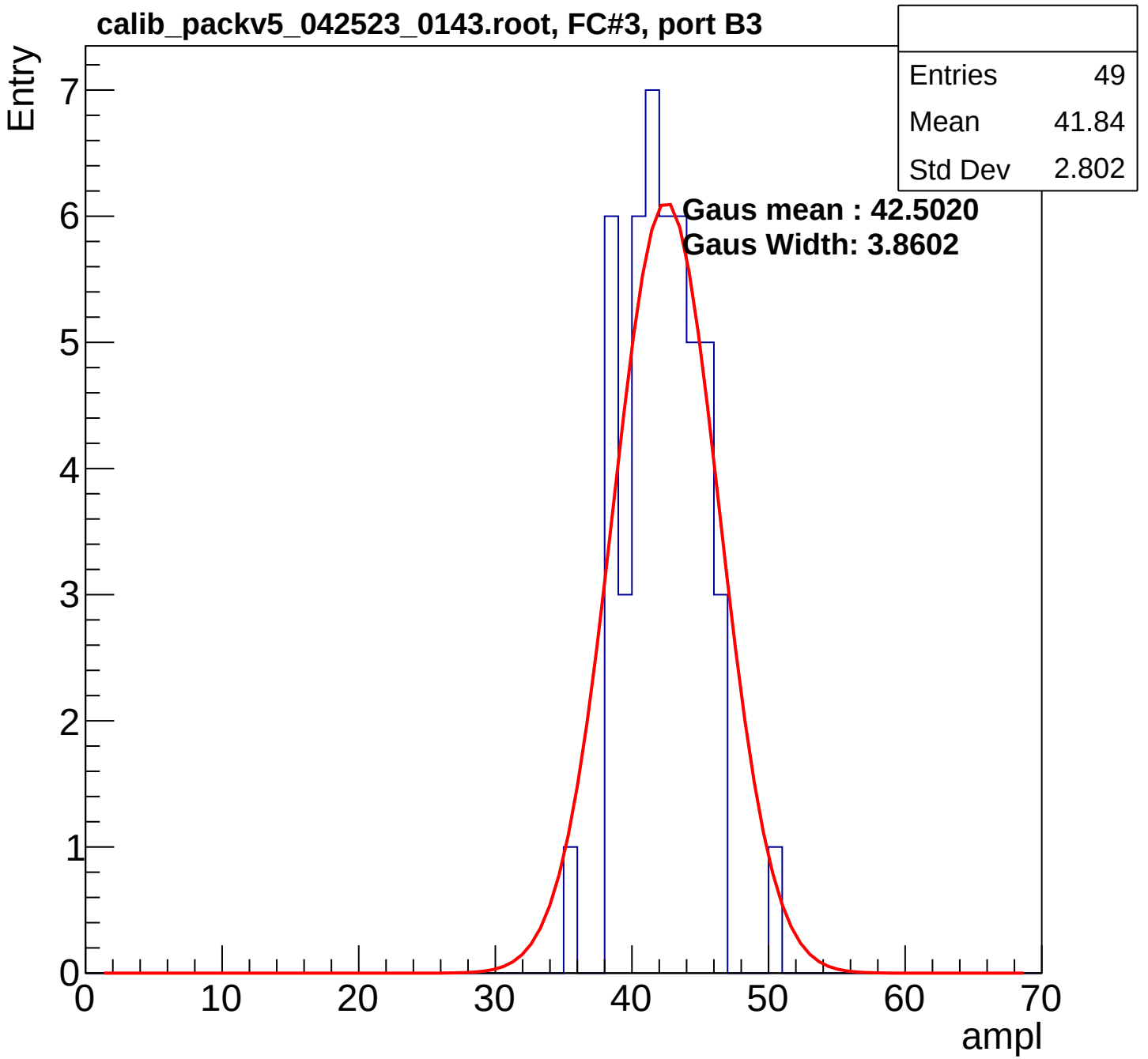
B1L000S, U19-ch101, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 41.84
Std Dev 2.802
Gaus mean : 42.5020
Gaus Width: 3.8602
Entry
ampl
0
1
2
3
4
5
6
7
0
10
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60
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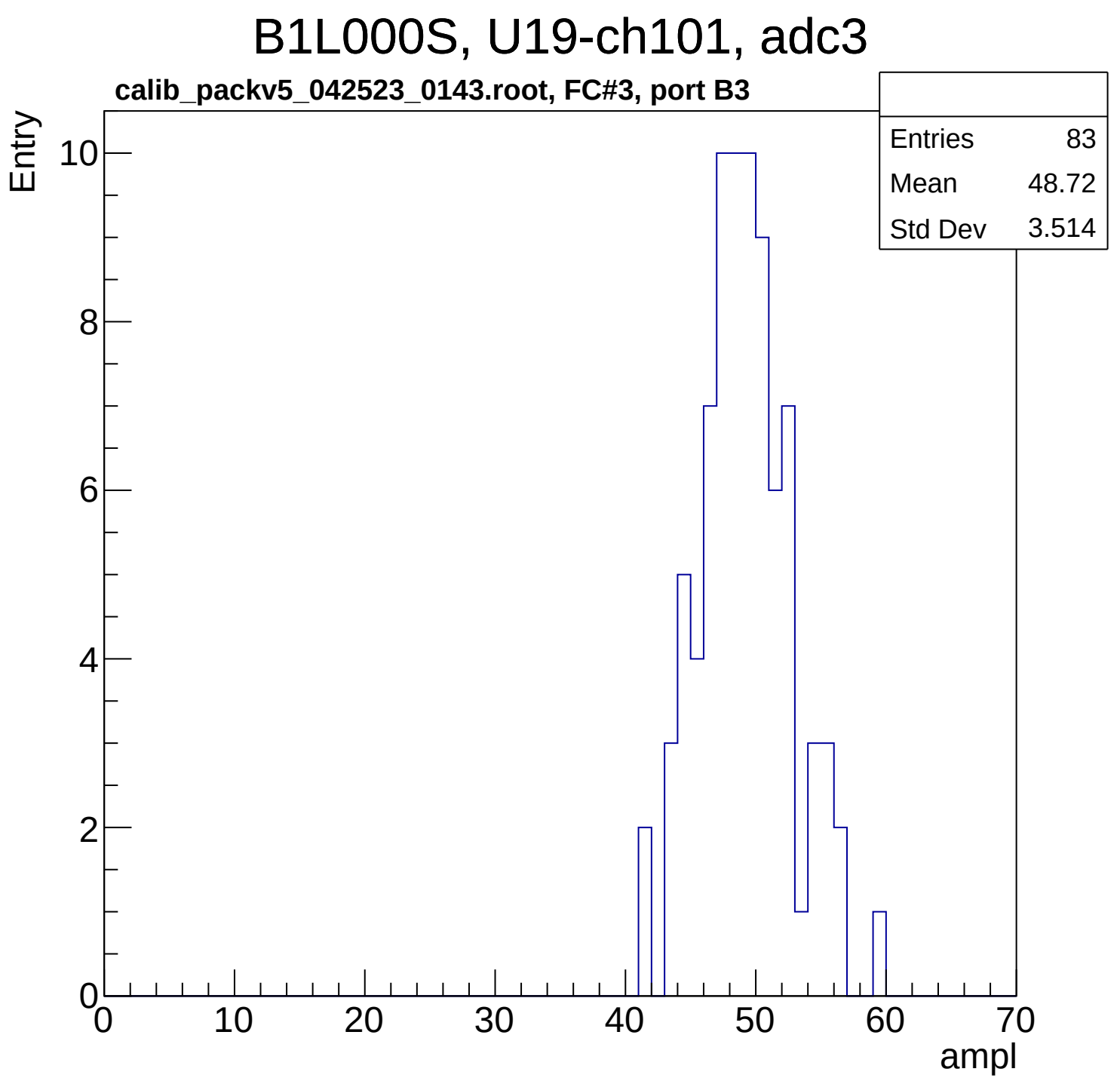
B1L000S, U19-ch101, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 83
Mean 48.72
Std Dev 3.514
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
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60
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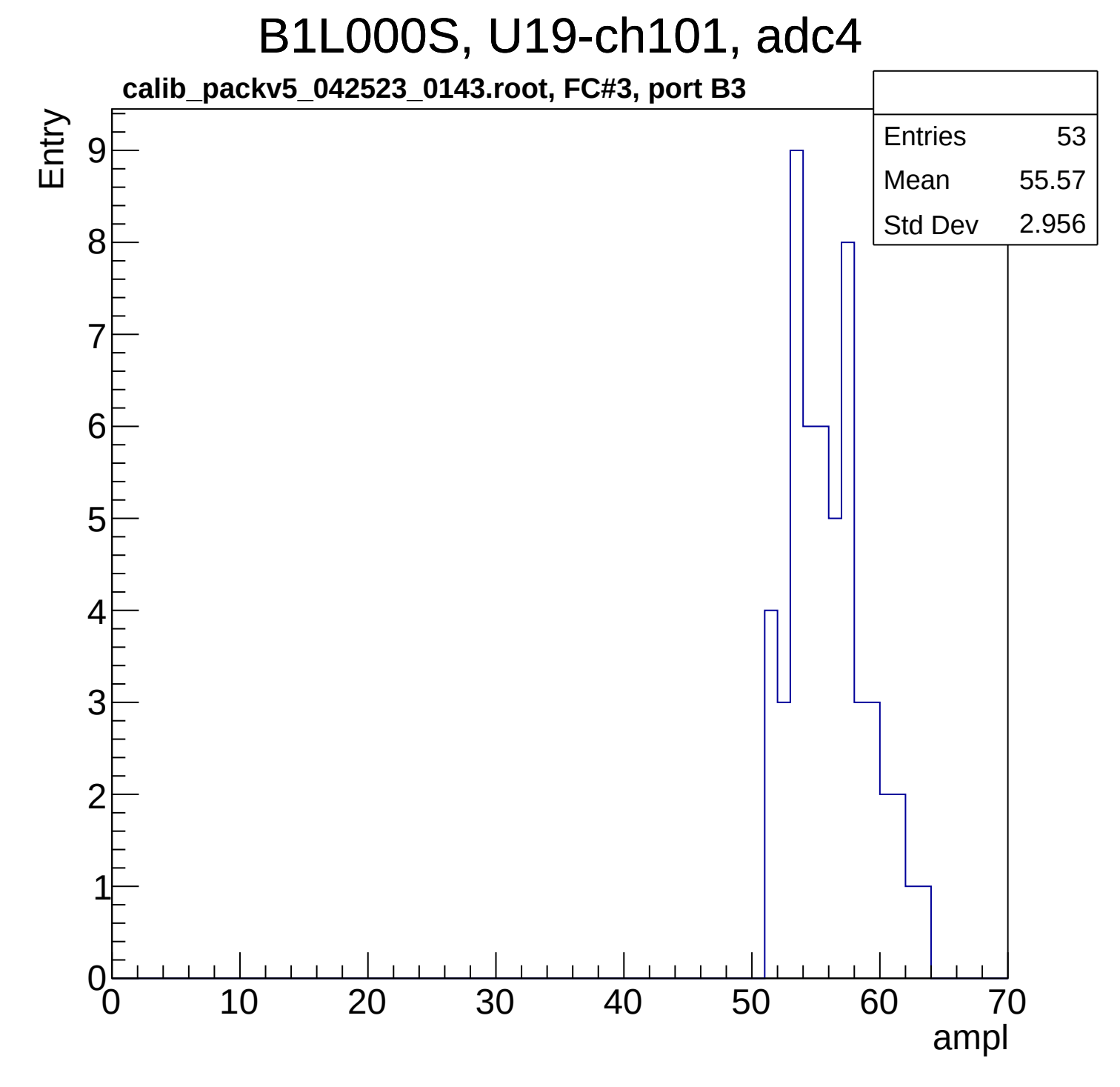
B1L000S, U19-ch101, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 55.57
Std Dev 2.956
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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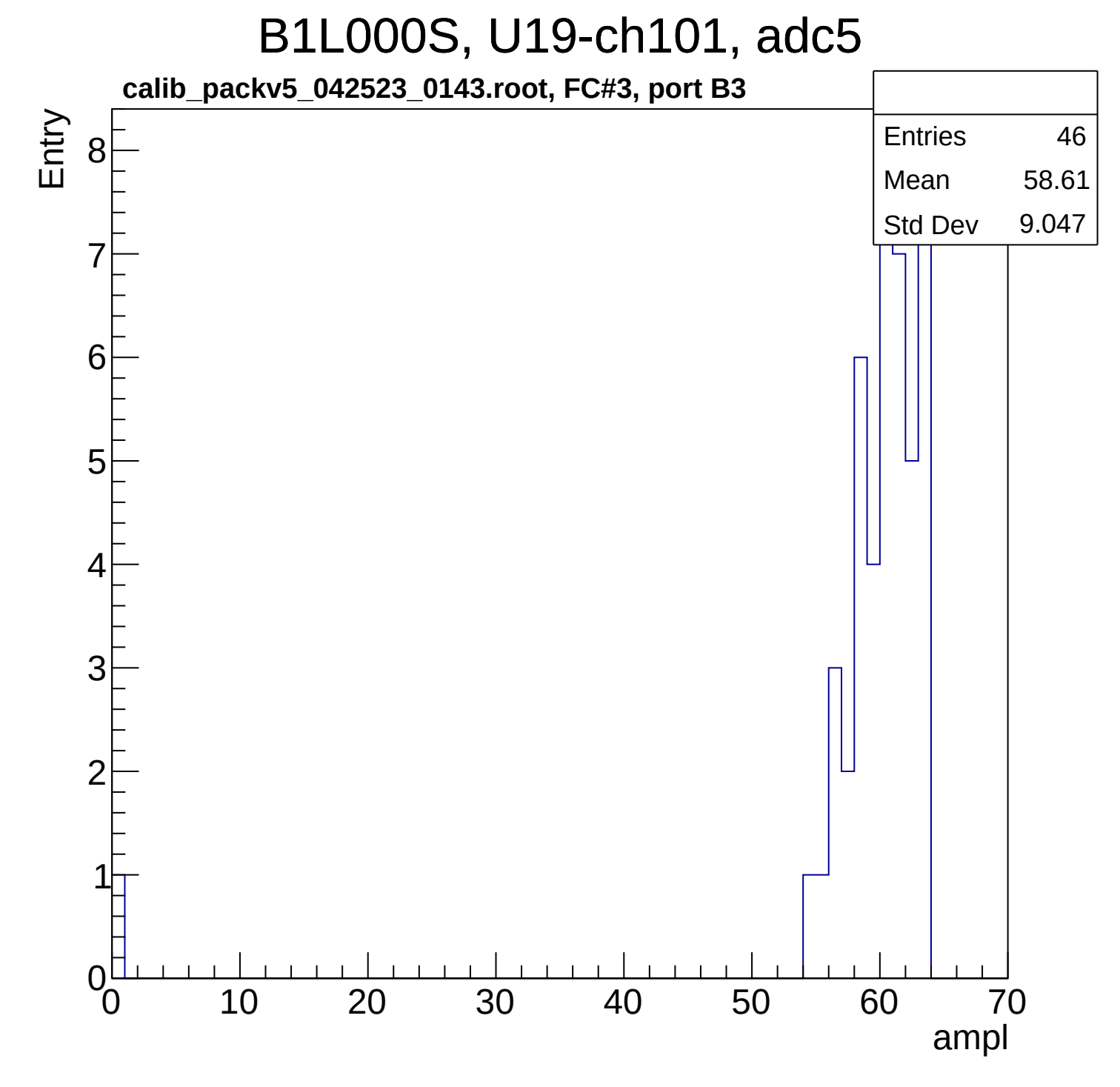
B1L000S, U19-ch101, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 58.61
Std Dev 9.047
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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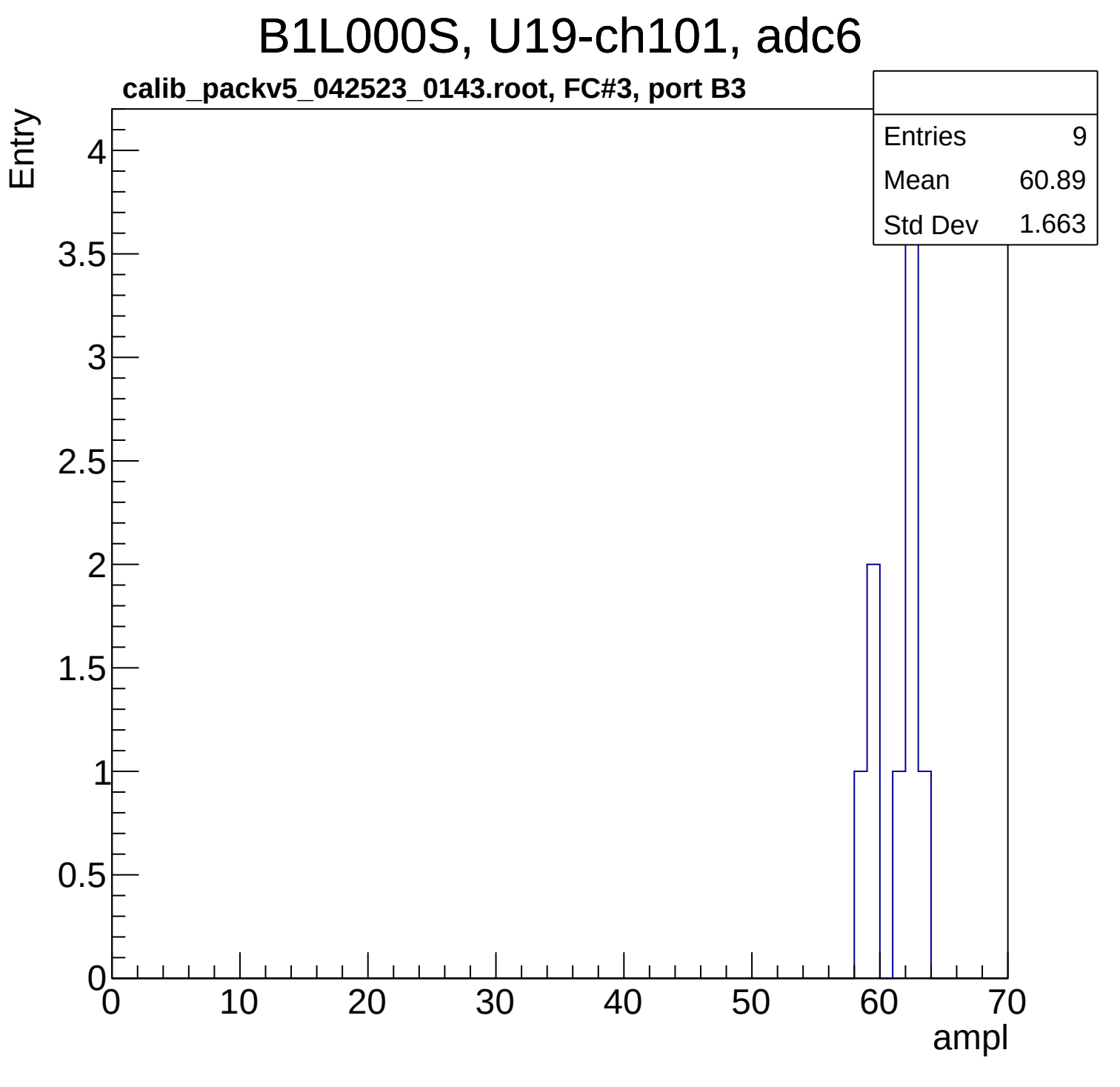
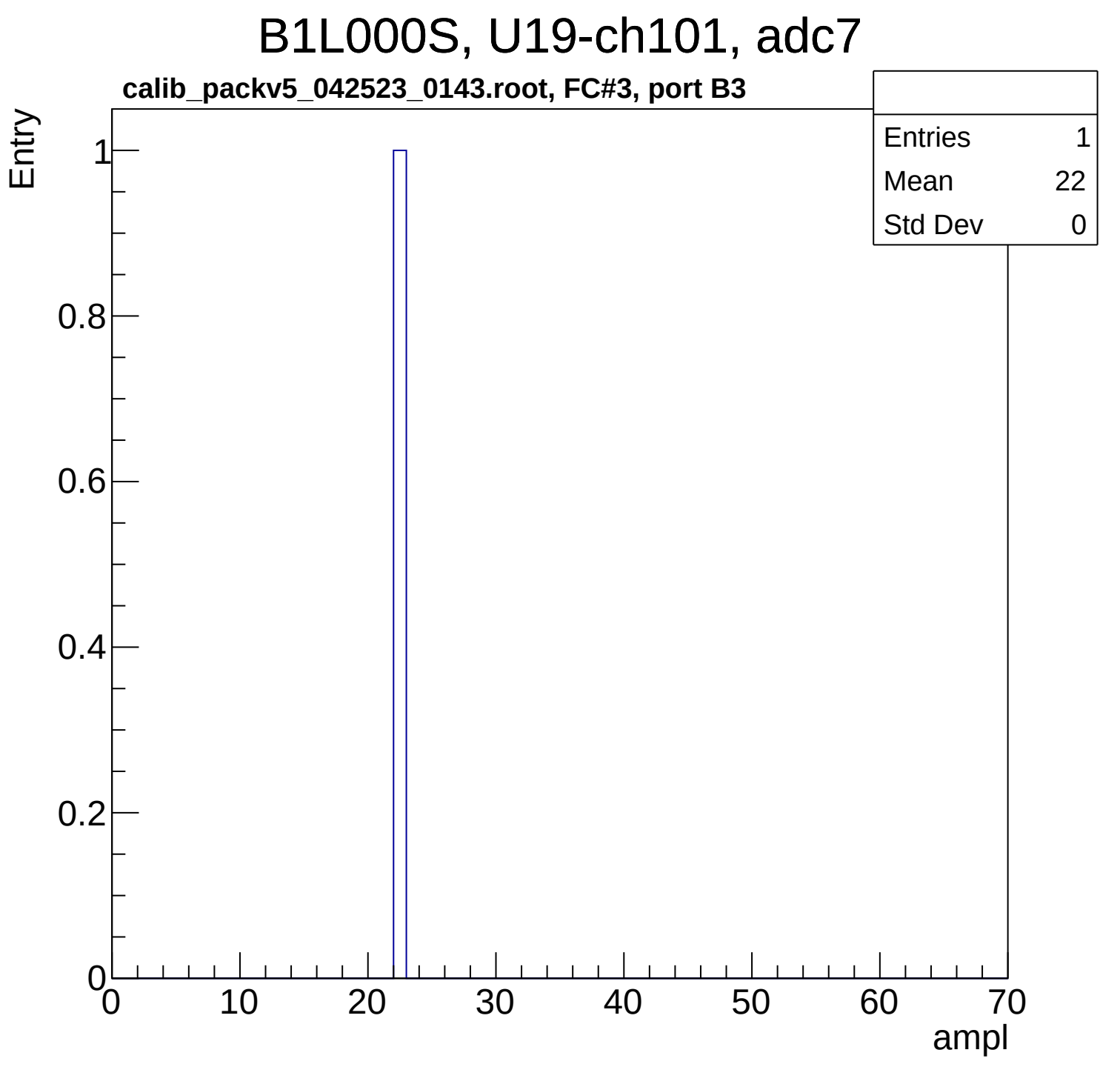
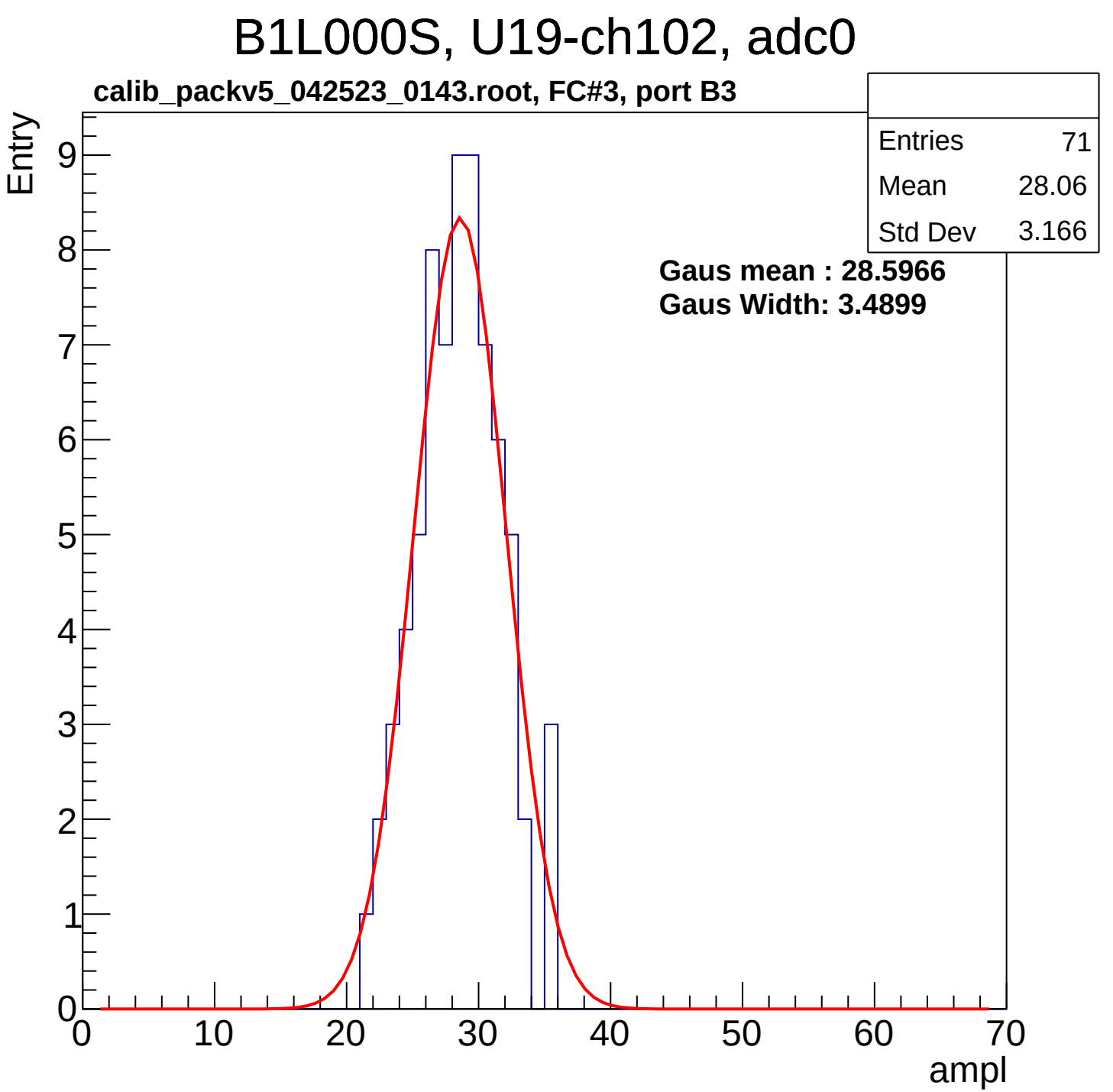

B1L000S, U19-ch101, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 60.89
Std Dev 1.663
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U19-ch101, 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, U19-ch102, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 28.06
Std Dev 3.166
Gaus mean : 28.5966
Gaus Width: 3.4899
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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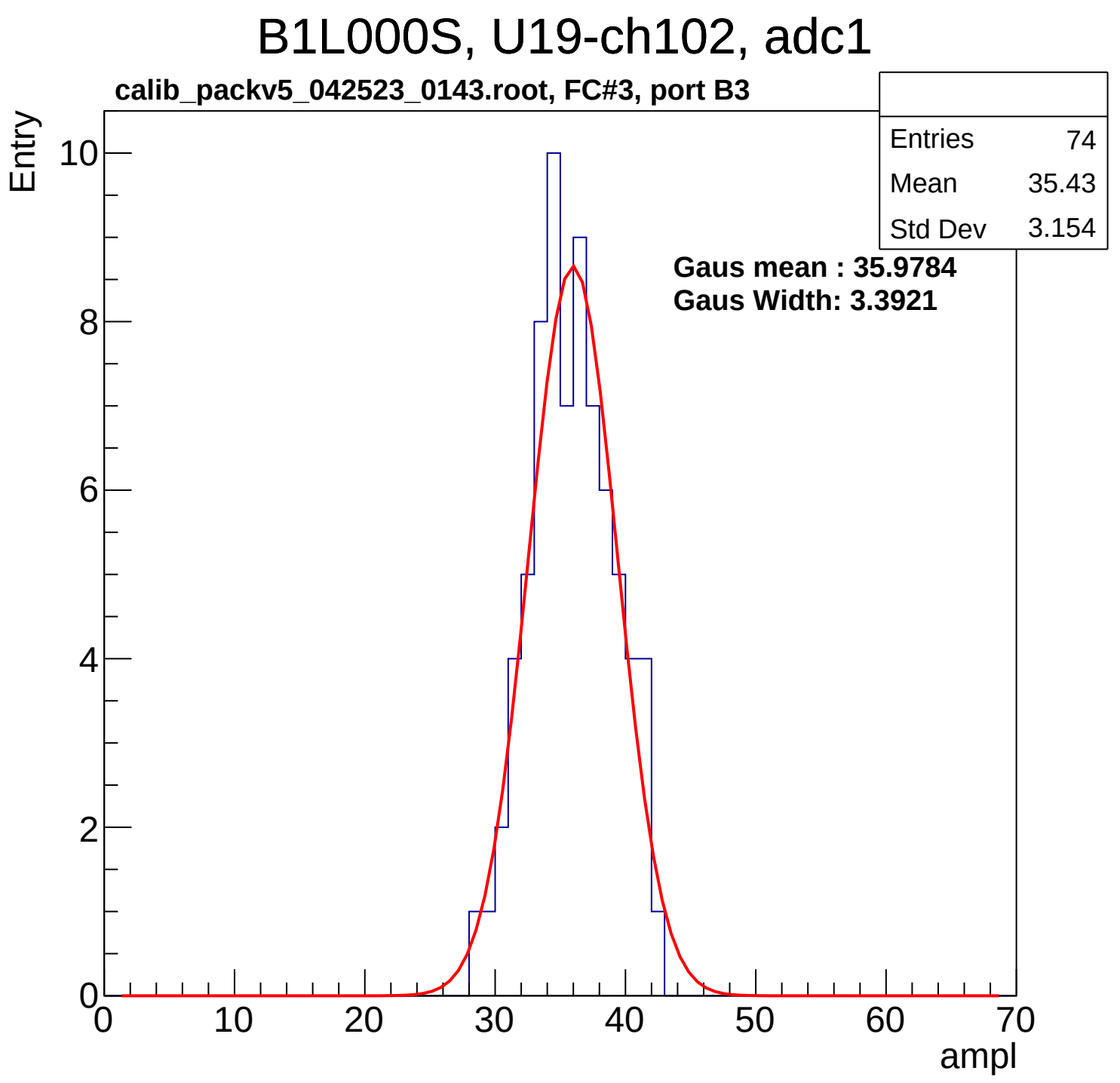
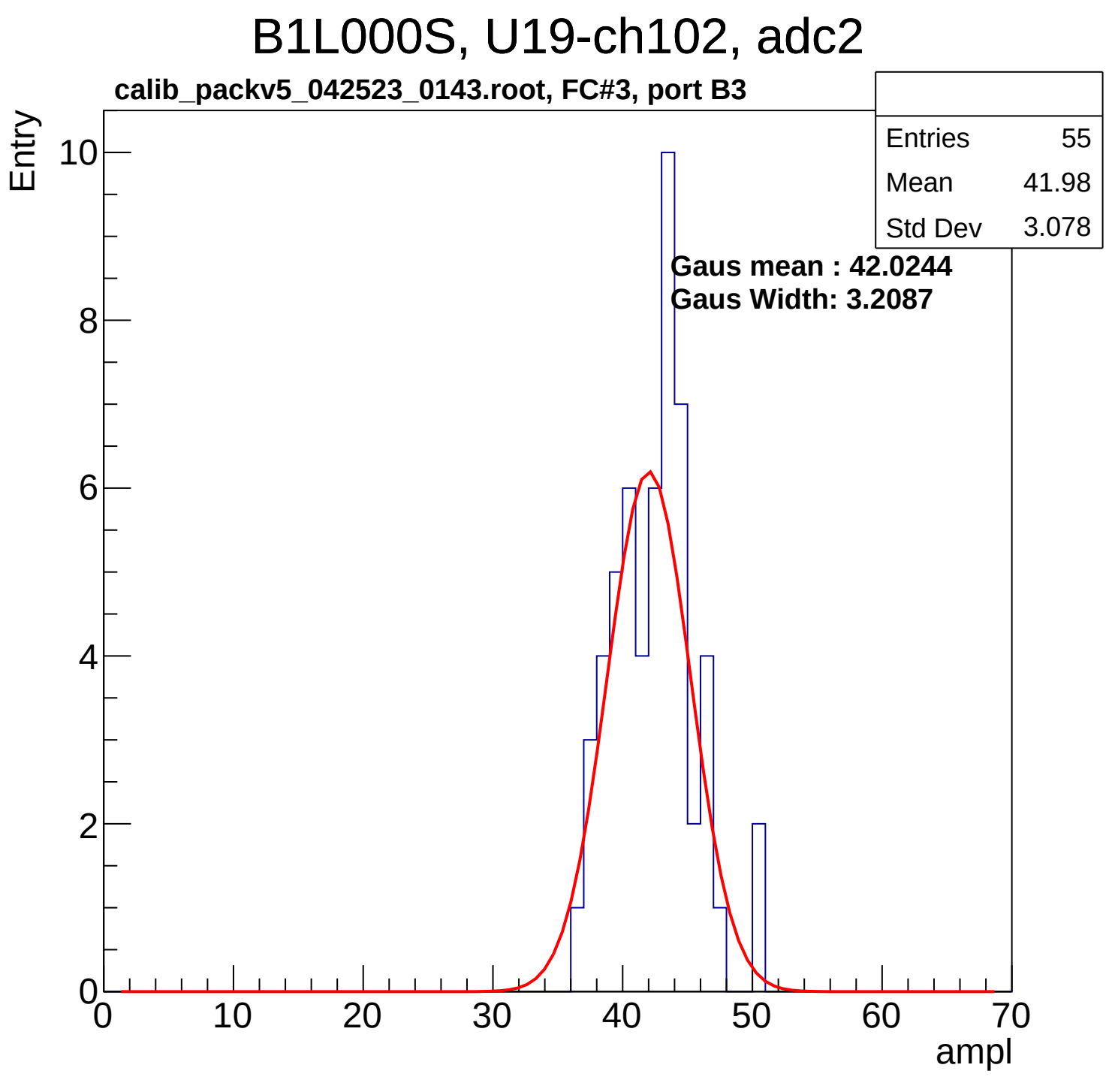

B1L000S, U19-ch102, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 35.43
Std Dev 3.154
Gaus mean : 35.9784
Gaus Width: 3.3921
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch102, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 41.98
Std Dev 3.078
Gaus mean : 42.0244
Gaus Width: 3.2087
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
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60
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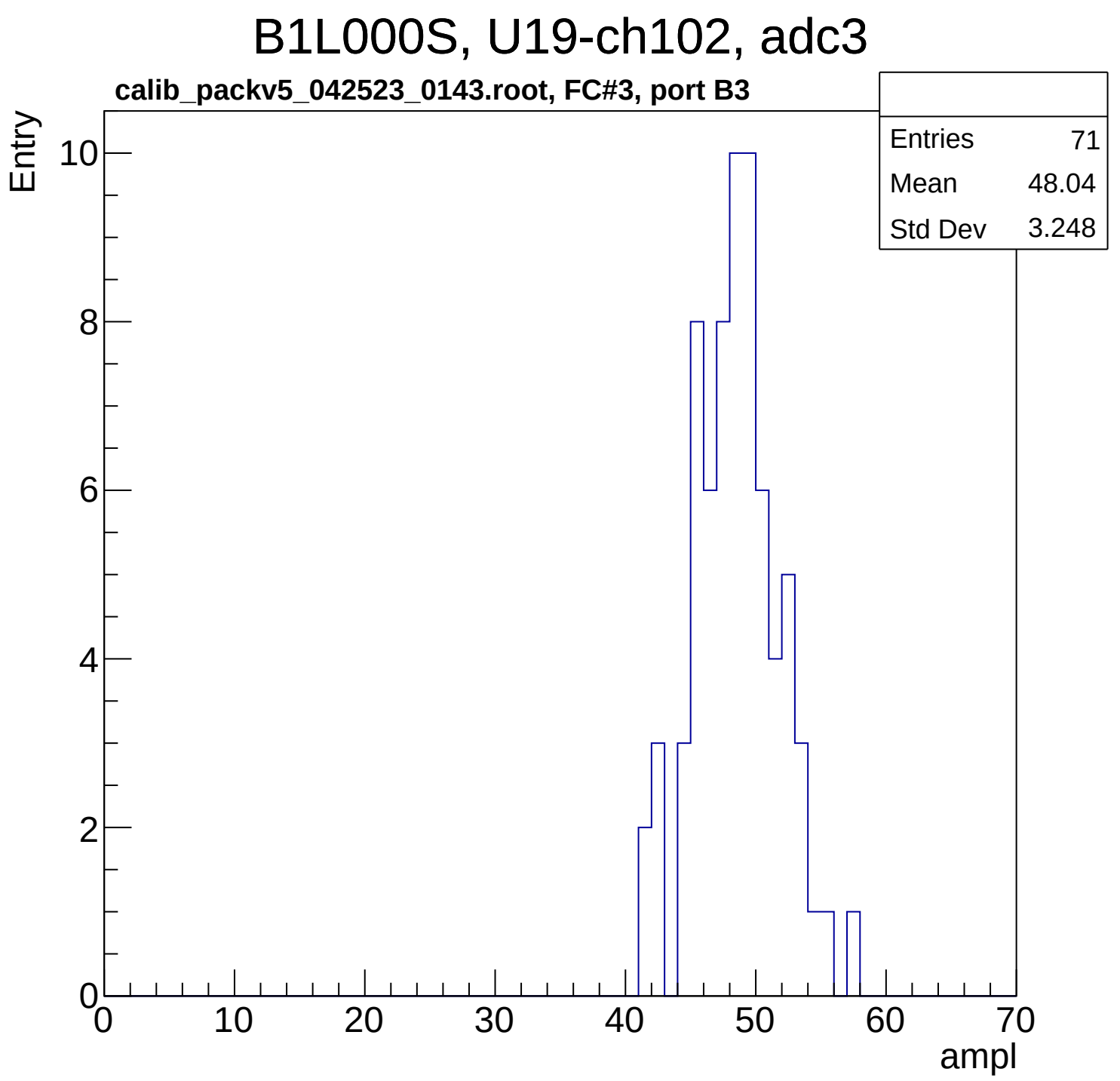
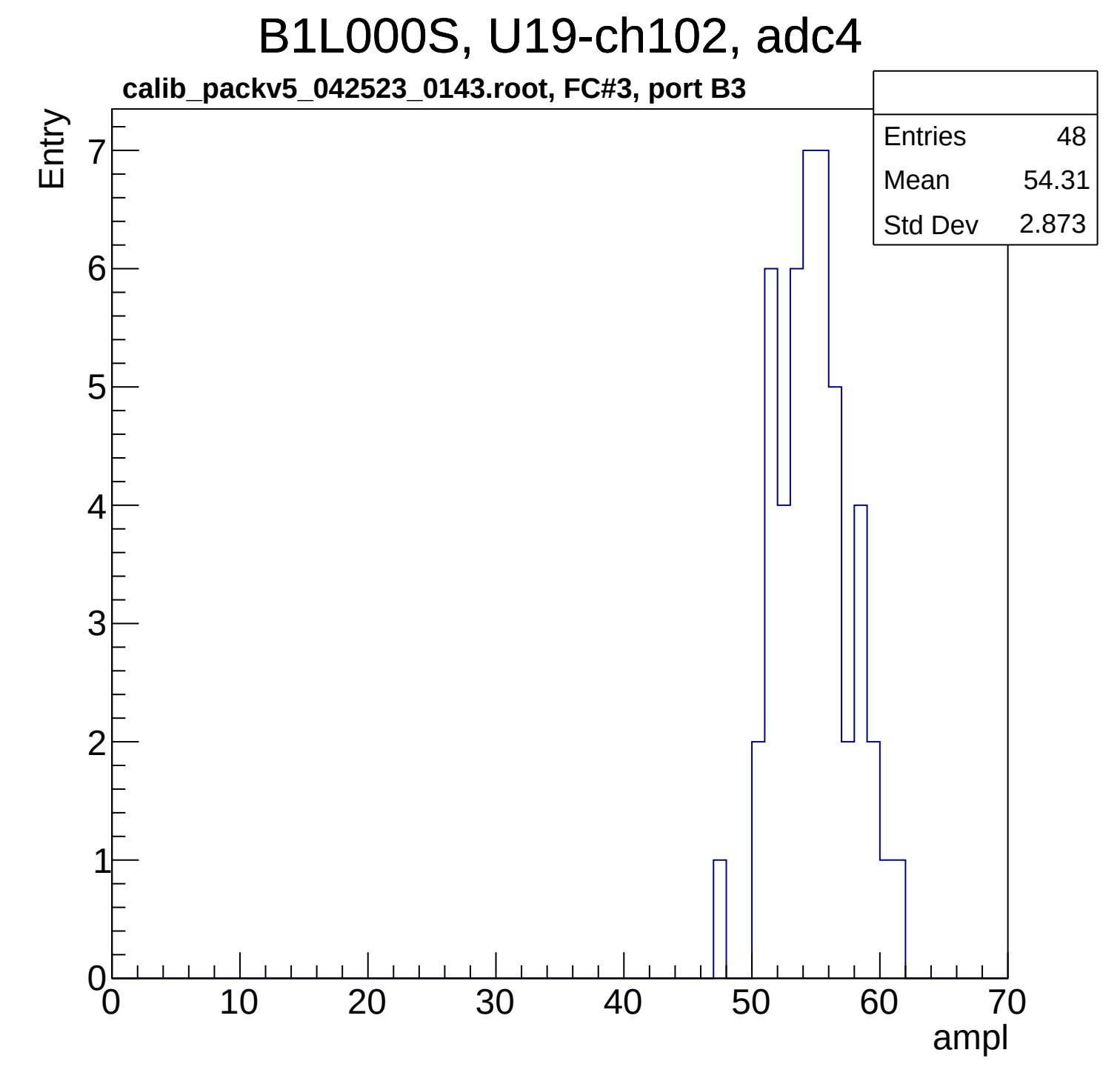
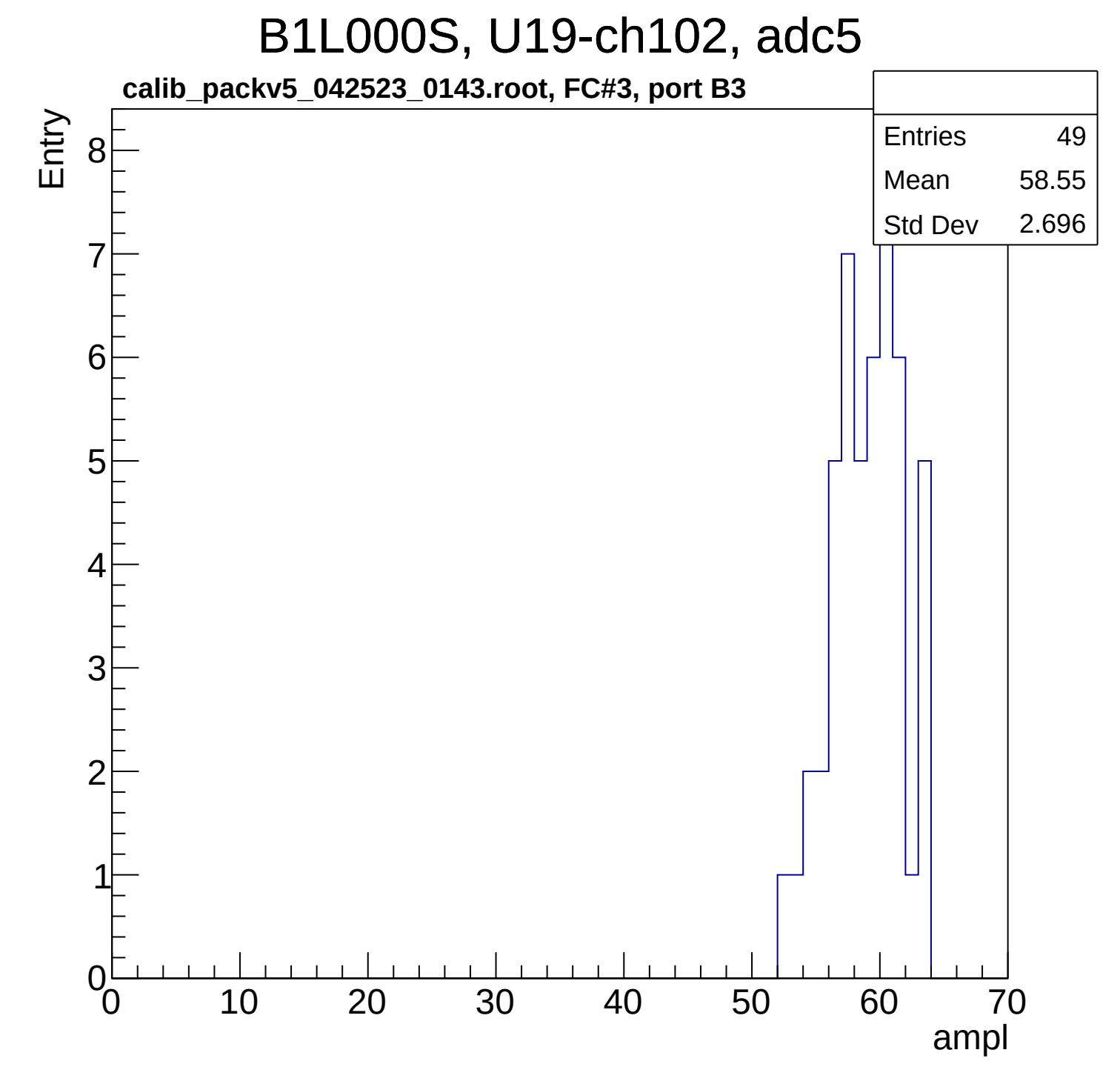

B1L000S, U19-ch102, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 48.04
Std Dev 3.248
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch102, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 54.31
Std Dev 2.873
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U19-ch102, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 58.55
Std Dev 2.696
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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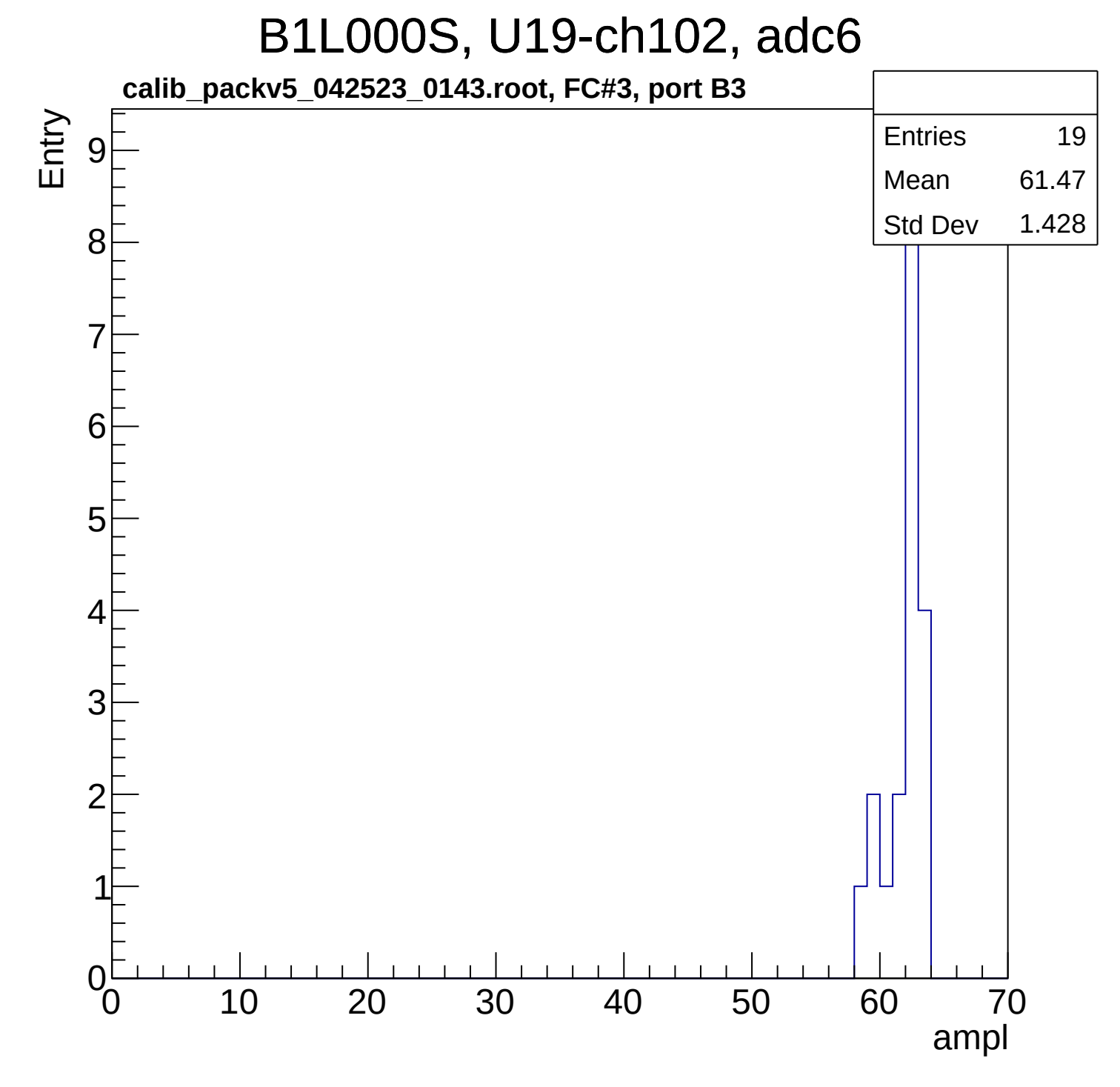
B1L000S, U19-ch102, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 19
Mean 61.47
Std Dev 1.428
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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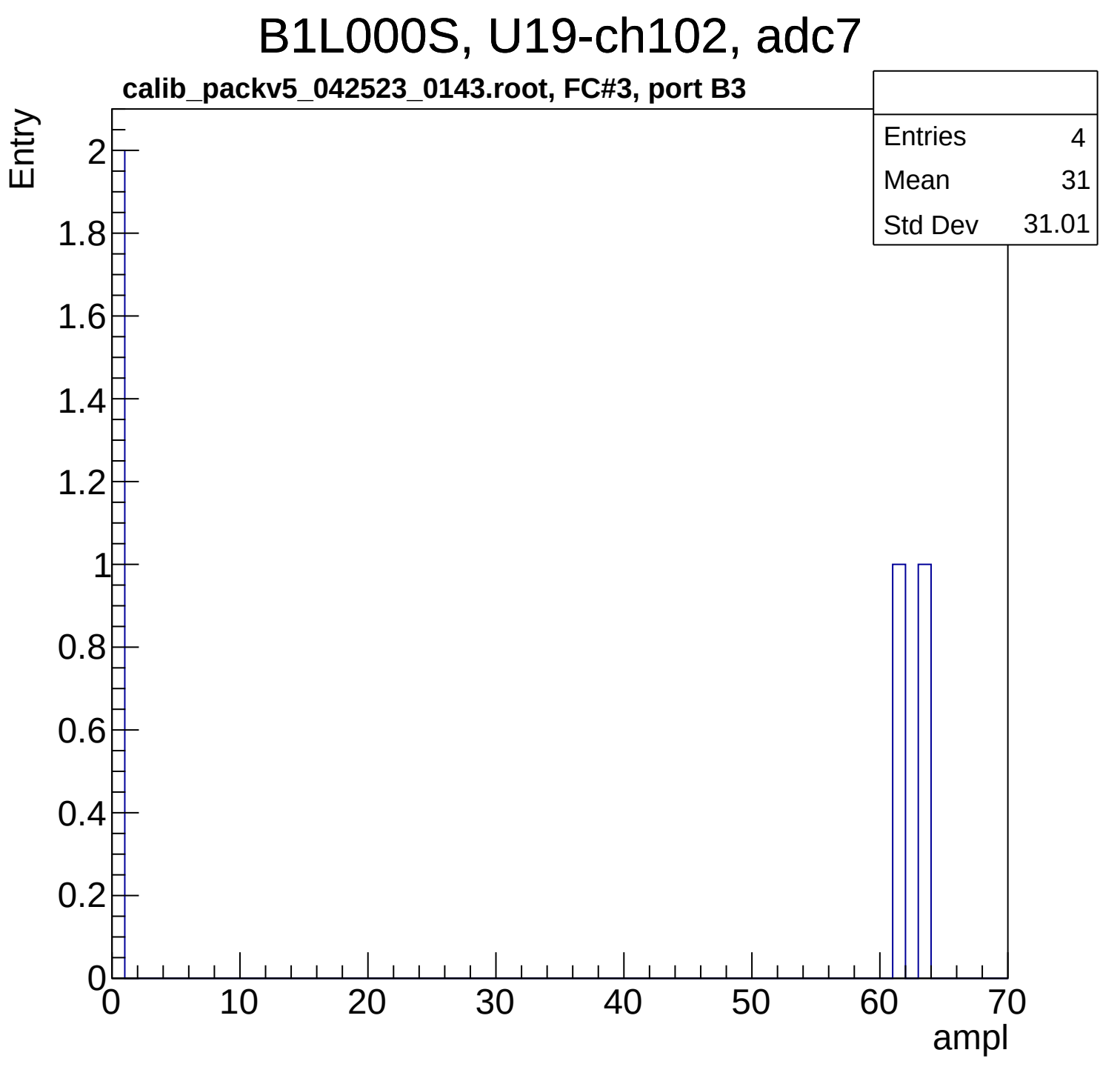
B1L000S, U19-ch102, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 31
Std Dev 31.01
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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20
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40
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60
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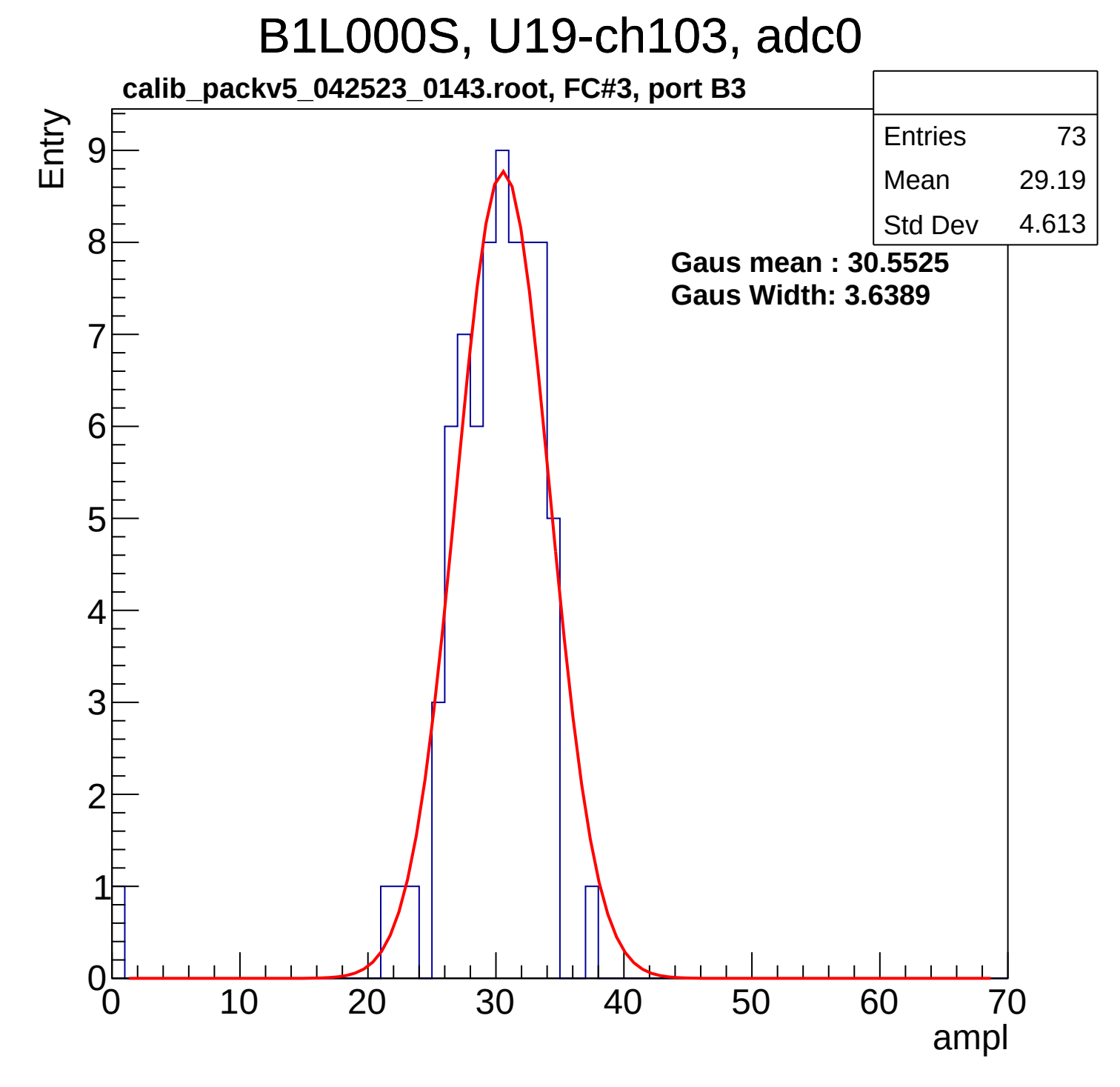
B1L000S, U19-ch103, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 29.19
Std Dev 4.613
Gaus mean : 30.5525
Gaus Width: 3.6389
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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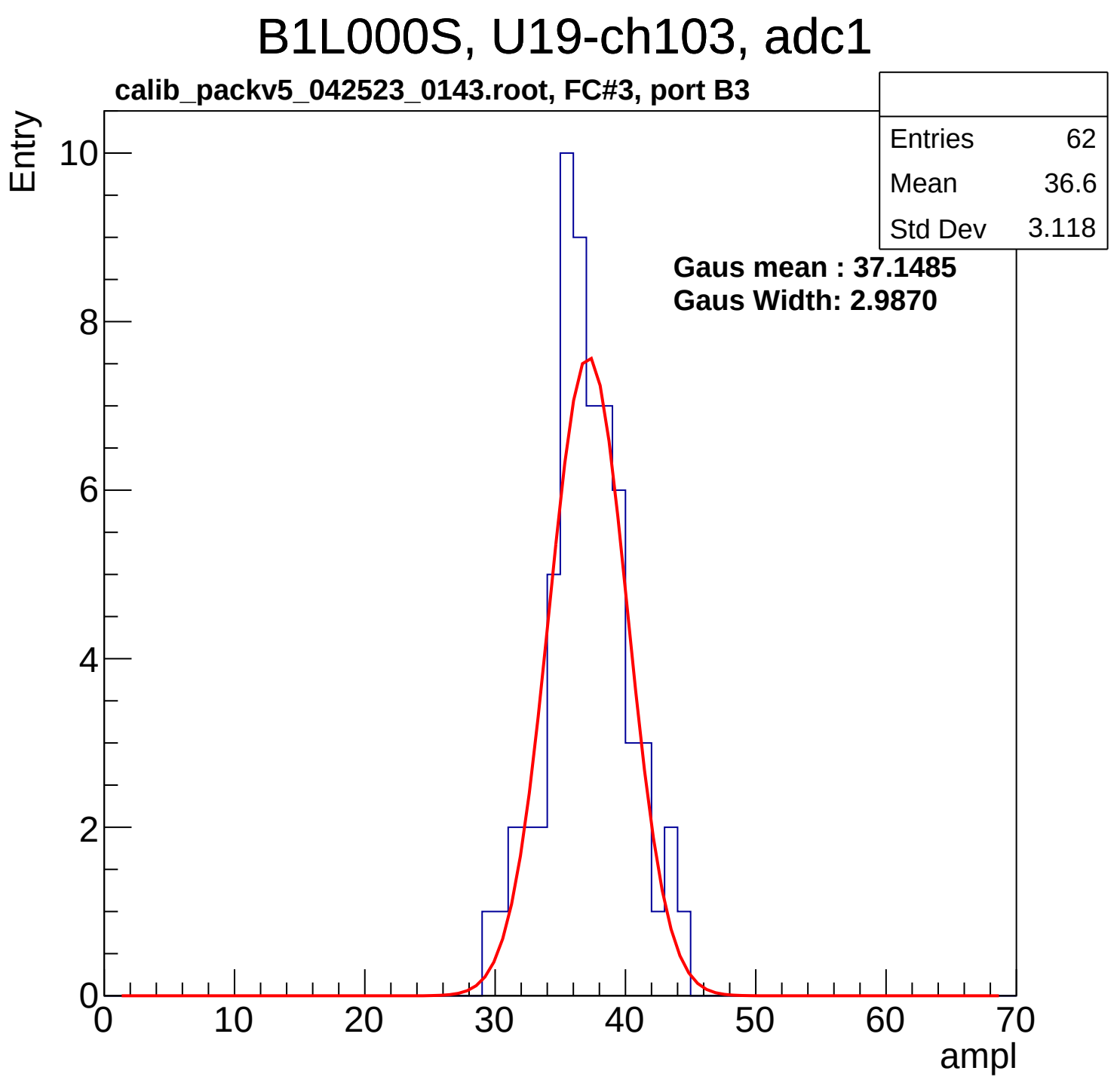
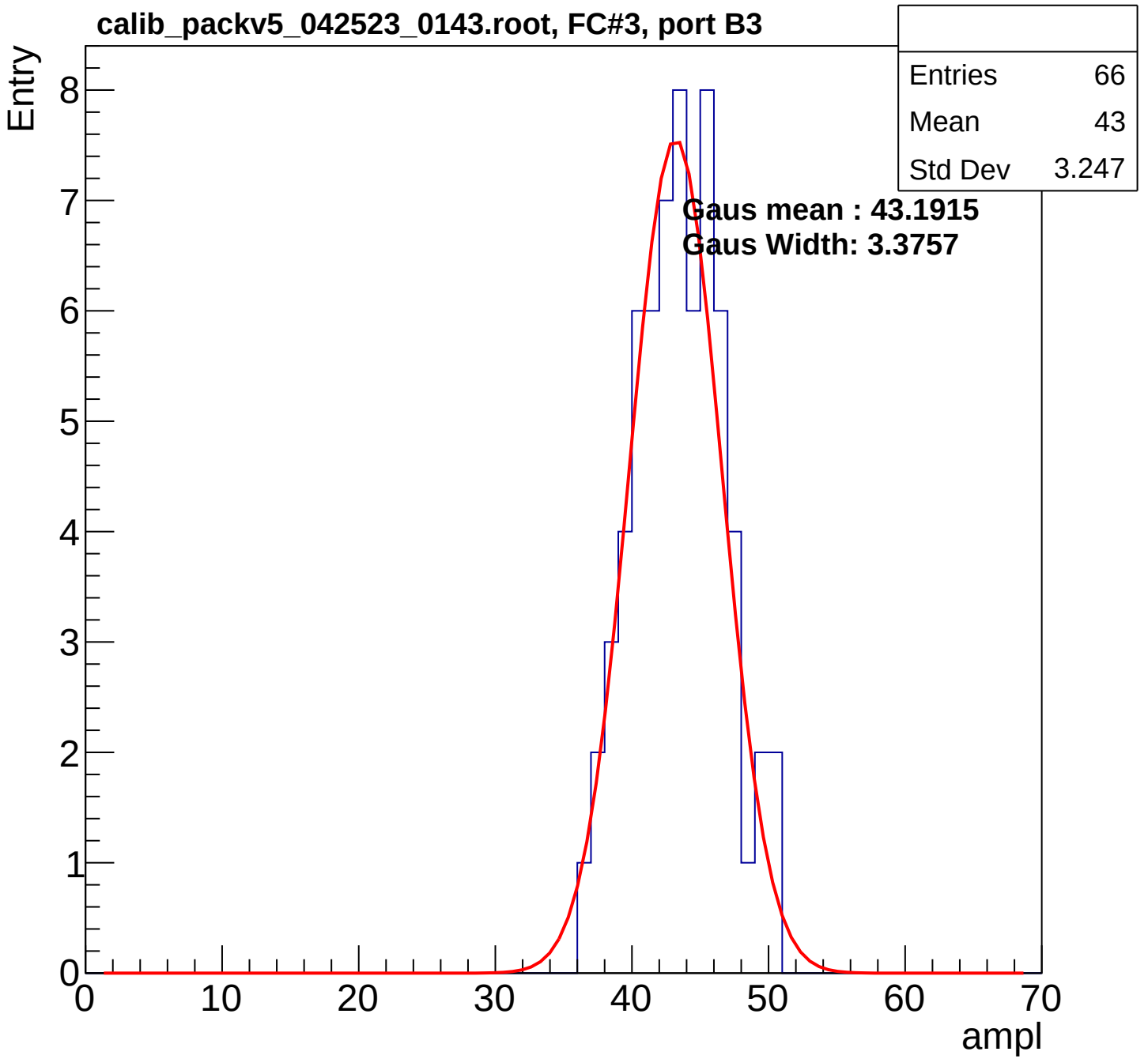
60
70


B1L000S, U19-ch103, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 36.6
Std Dev 3.118
Gaus mean : 37.1485
Gaus Width: 2.9870
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch103, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 43
Std Dev 3.247
Gaus mean : 43.1915
Gaus Width: 3.3757
Entry
ampl
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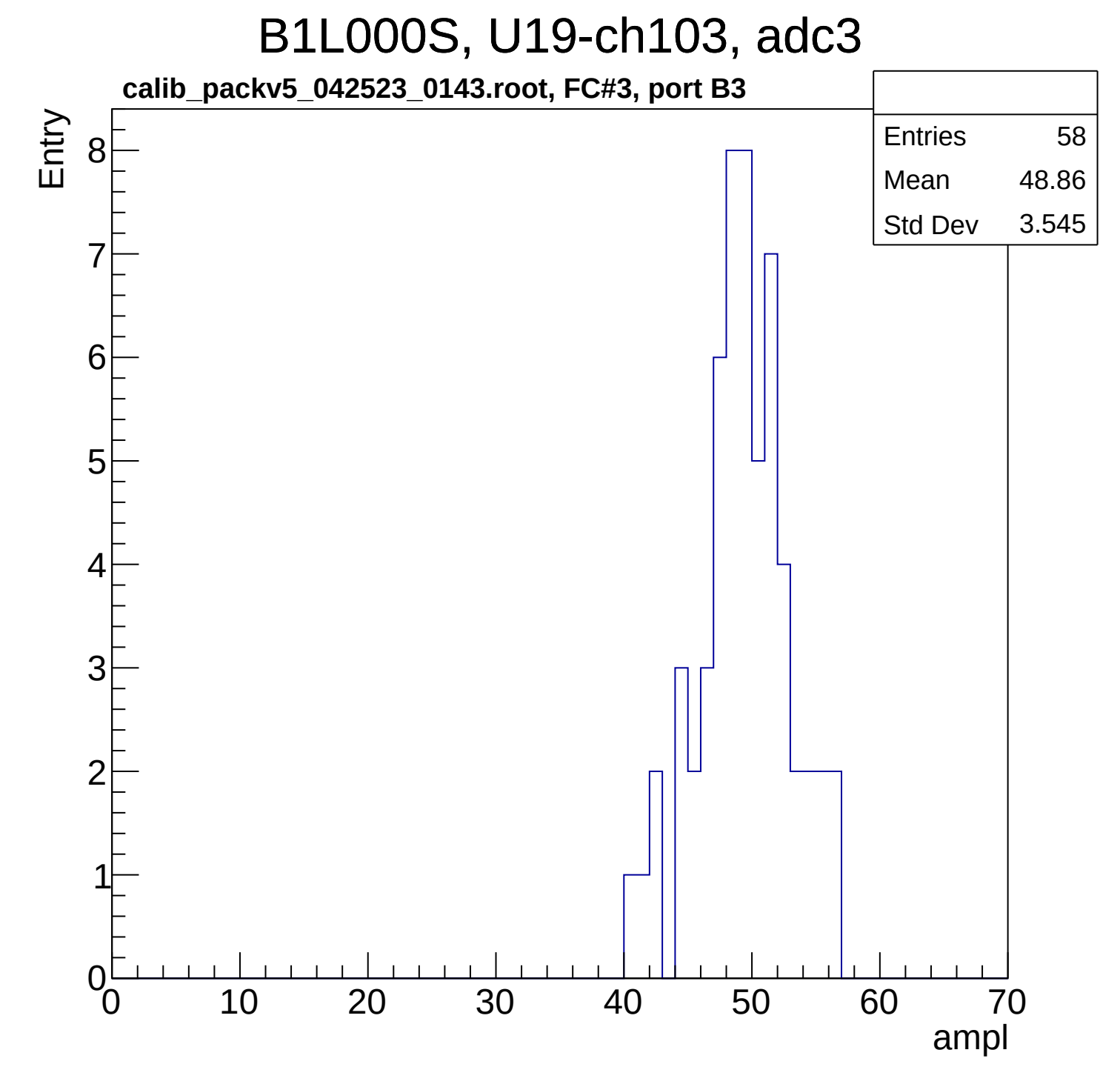
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch103, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 48.86
Std Dev 3.545
Entry
ampl
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1
2
3
4
5
6
7
8
0
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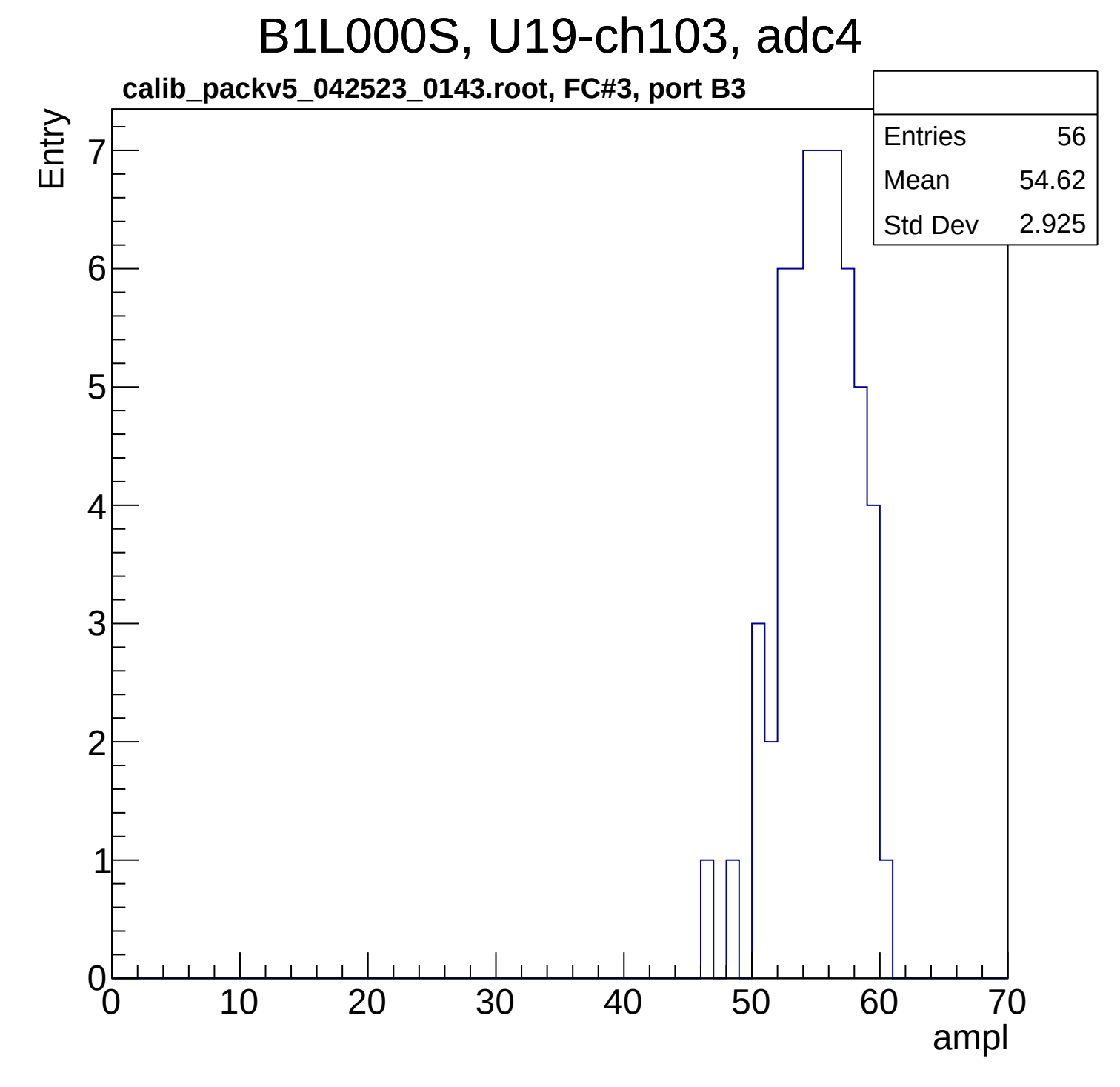
40
50
60
70


B1L000S, U19-ch103, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 54.62
Std Dev 2.925
Entry
ampl
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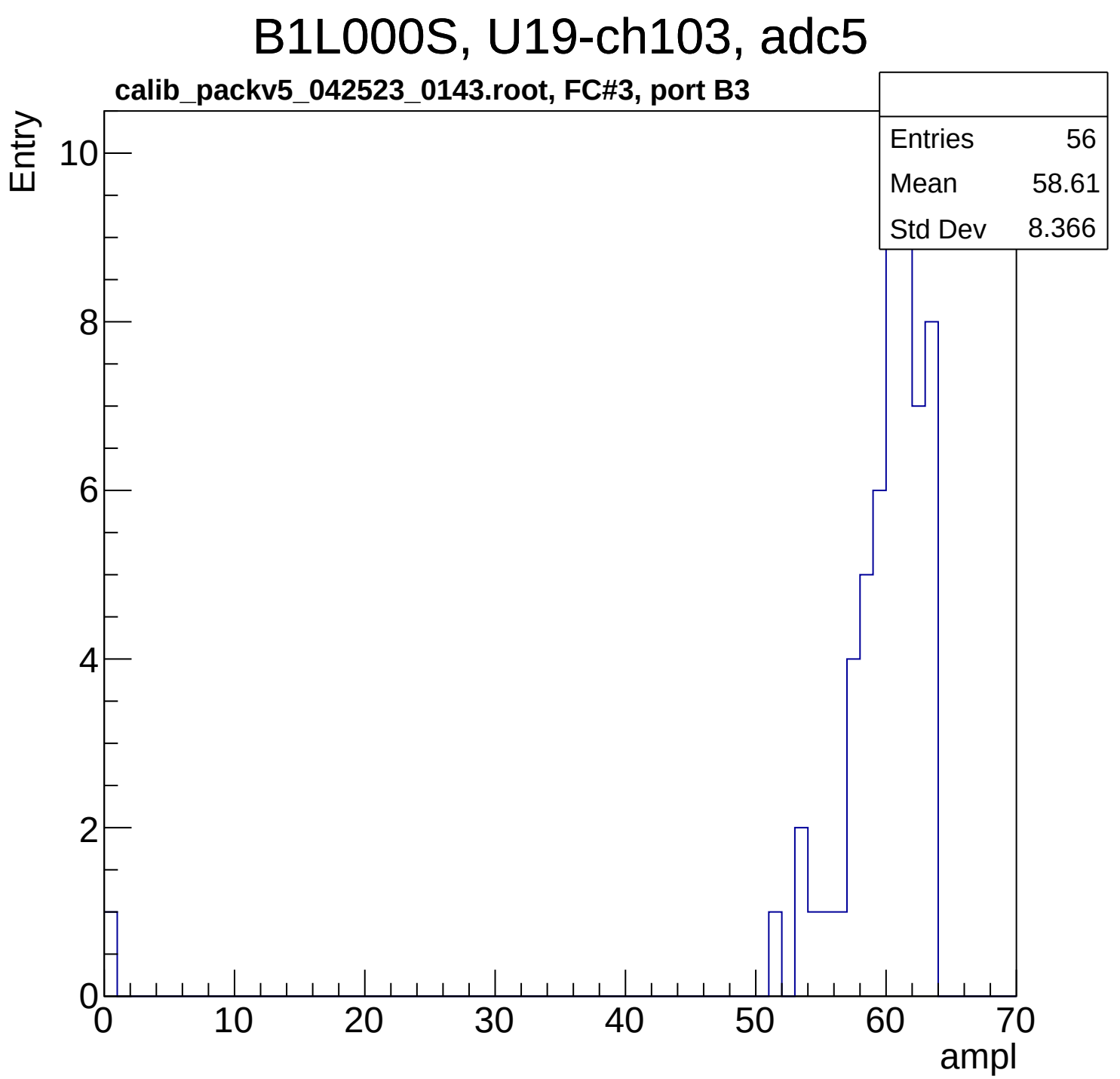
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U19-ch103, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 58.61
Std Dev 8.366
Entry
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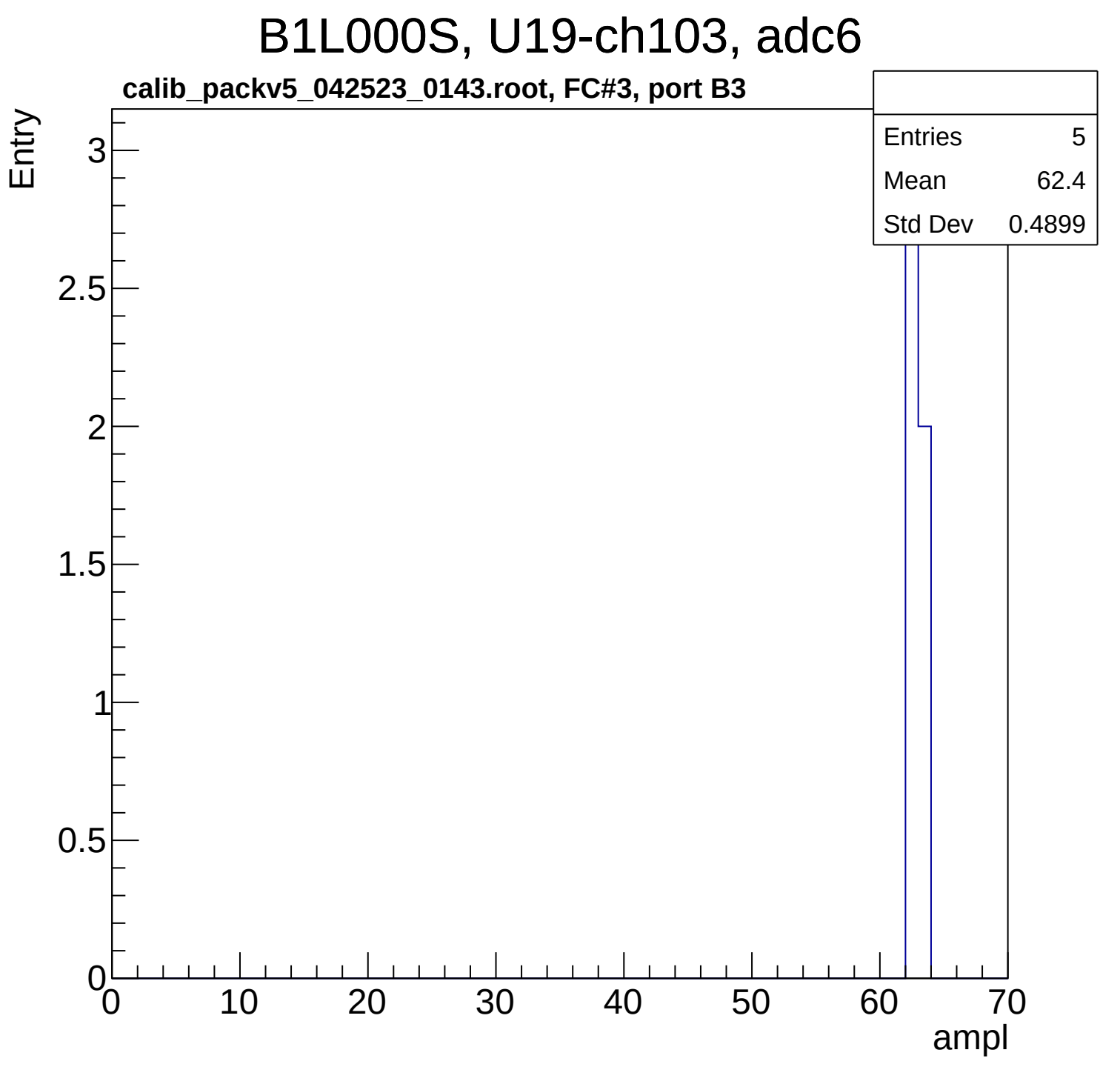
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch103, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 62.4
Std Dev 0.4899
Entry
ampl
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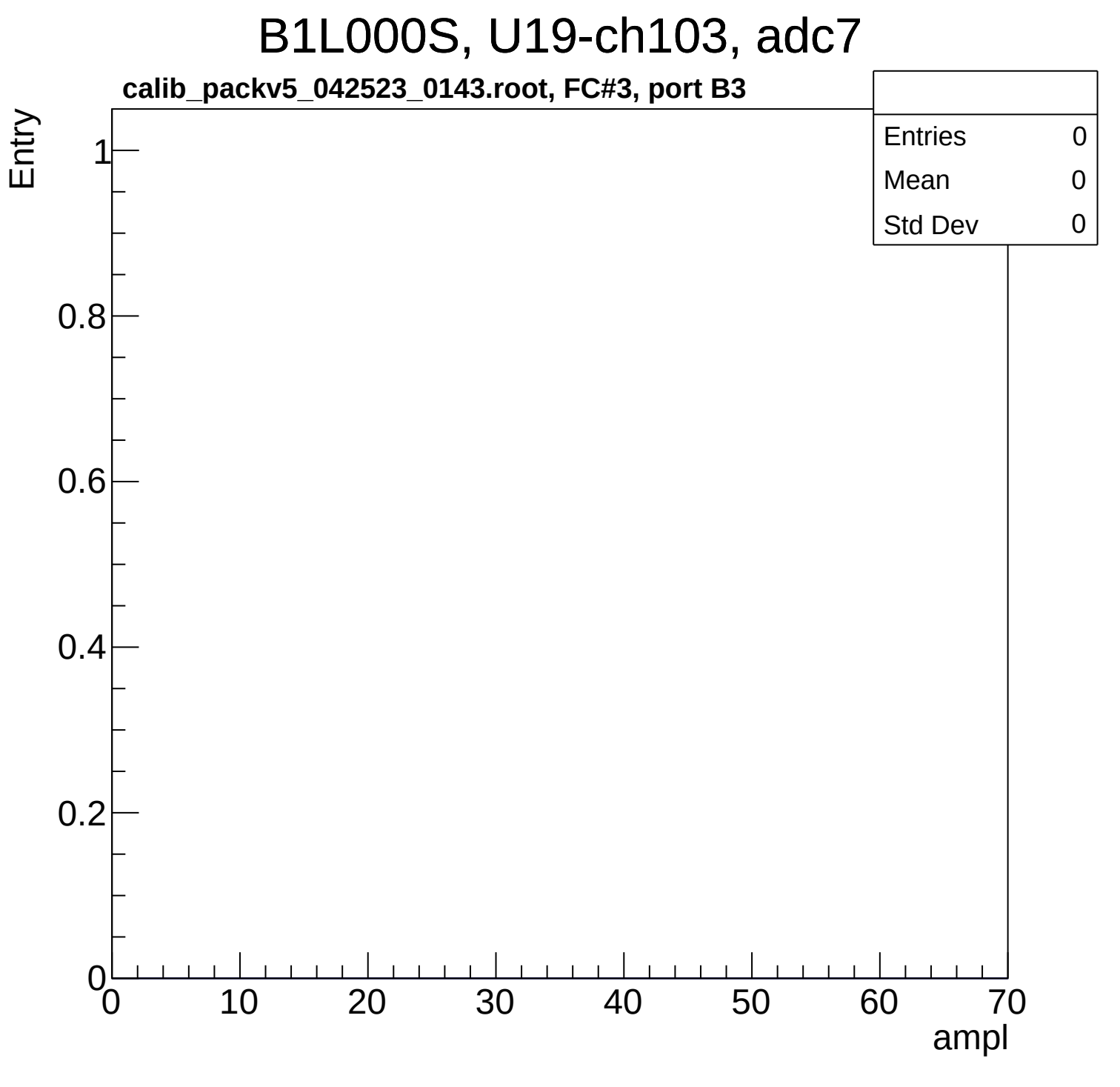
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U19-ch103, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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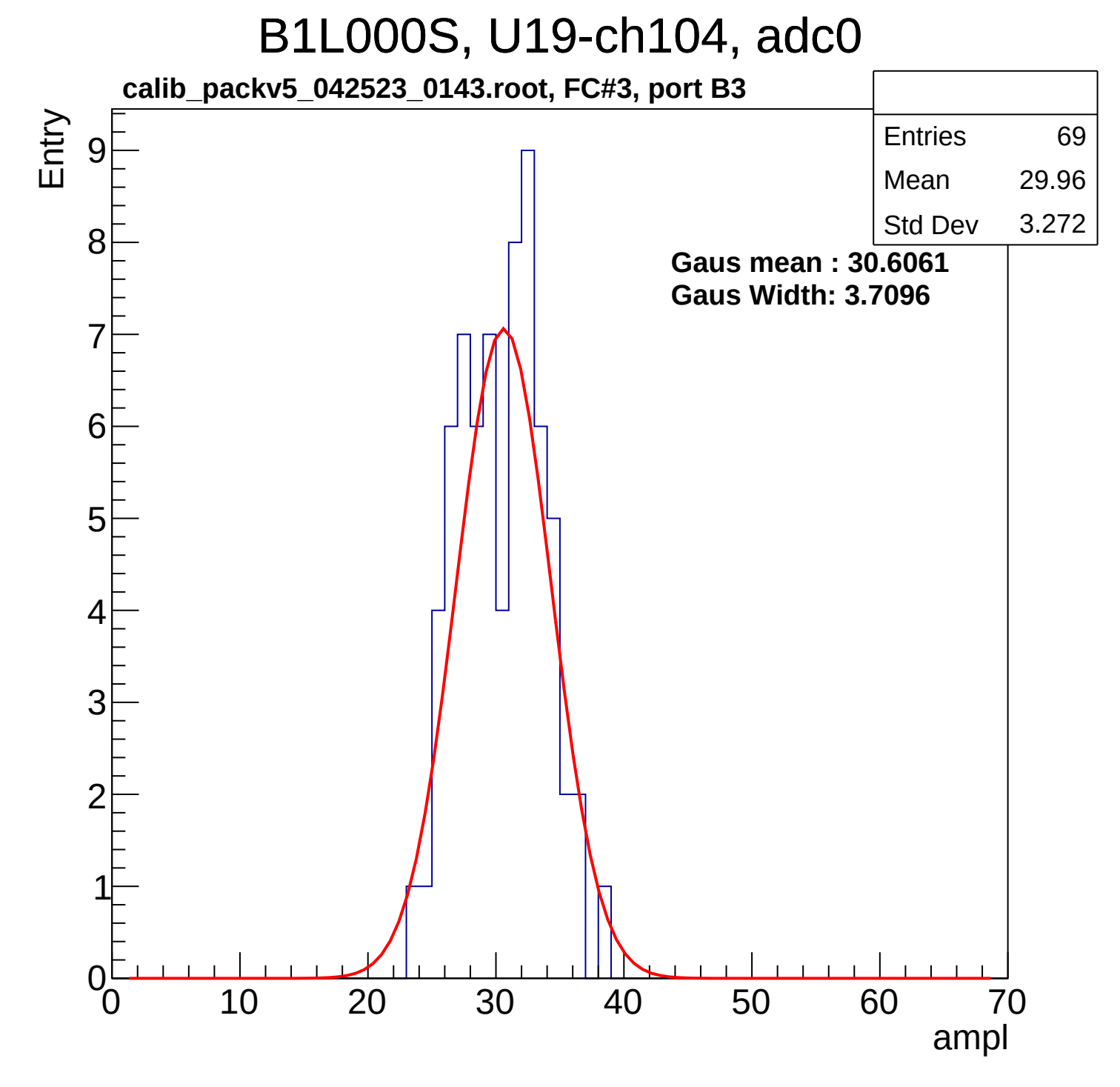
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch104, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 29.96
Std Dev 3.272
Gaus mean : 30.6061
Gaus Width: 3.7096
Entry
ampl
0
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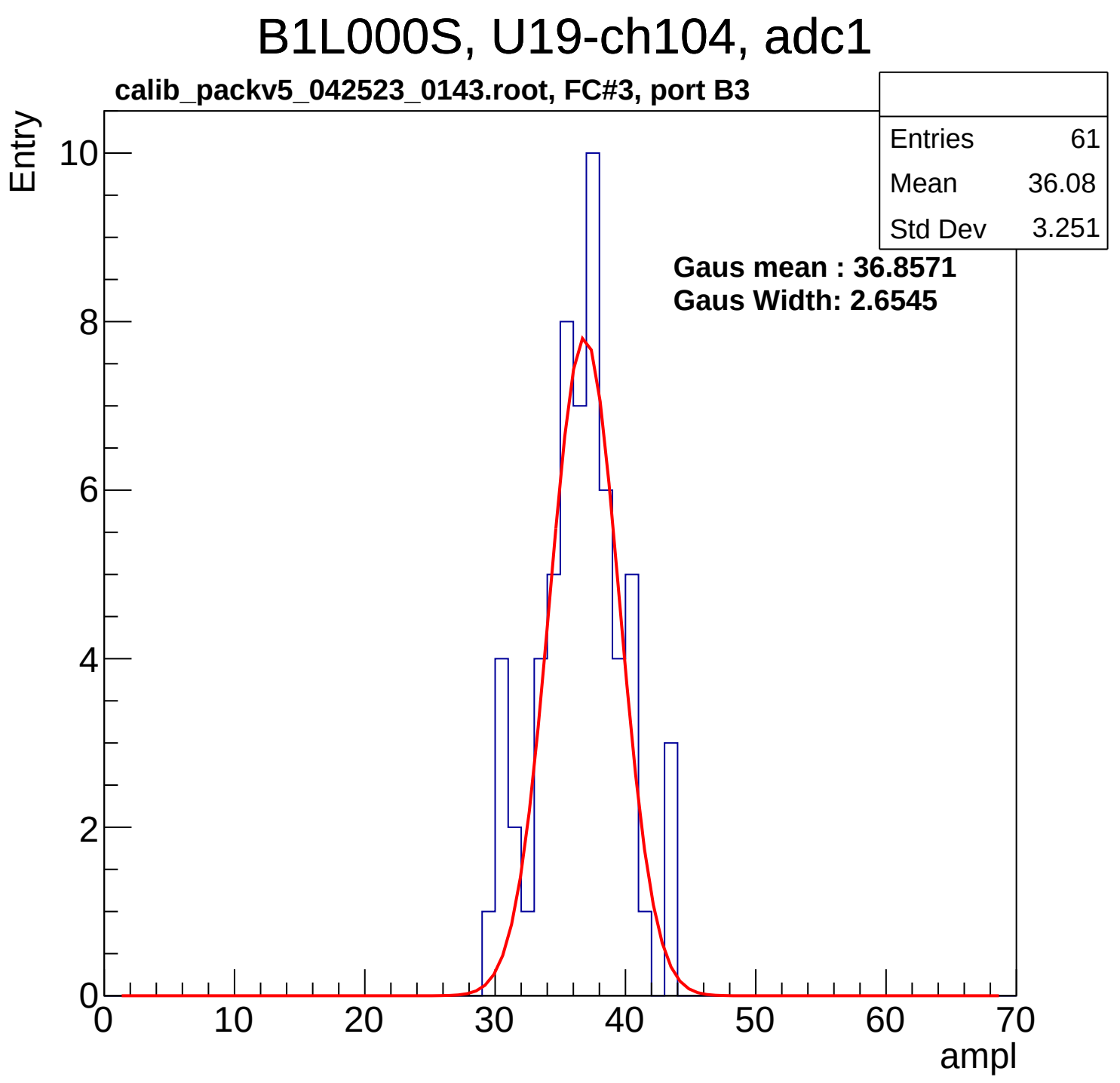
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch104, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 36.08
Std Dev 3.251
Gaus mean : 36.8571
Gaus Width: 2.6545
Entry
ampl
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2
4
6
8
10
0
10
20
30
40
50
60
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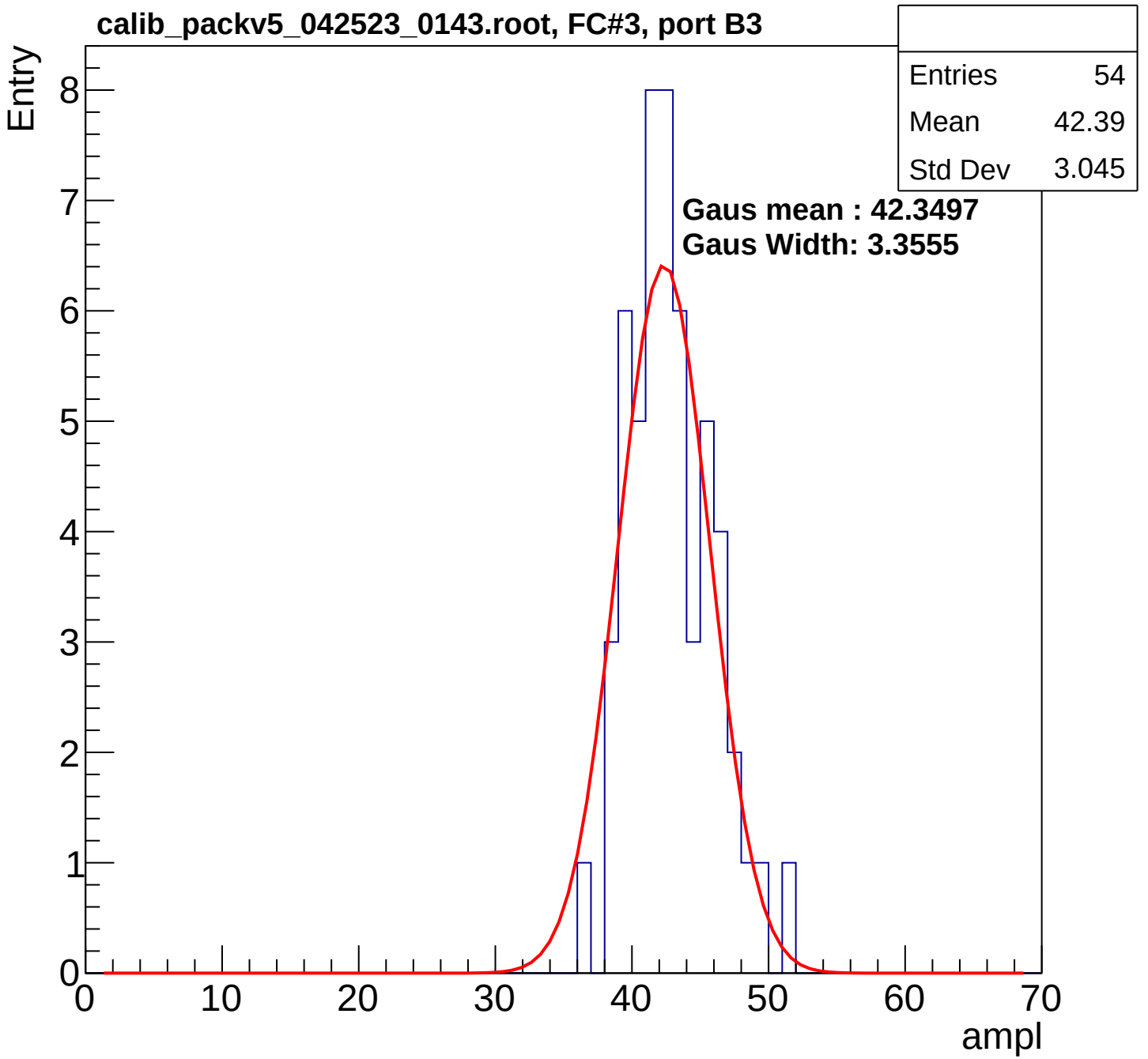
B1L000S, U19-ch104, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 42.39
Std Dev 3.045
Gaus mean : 42.3497
Gaus Width: 3.3555
Entry
ampl
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1
2
3
4
5
6
7
8
0
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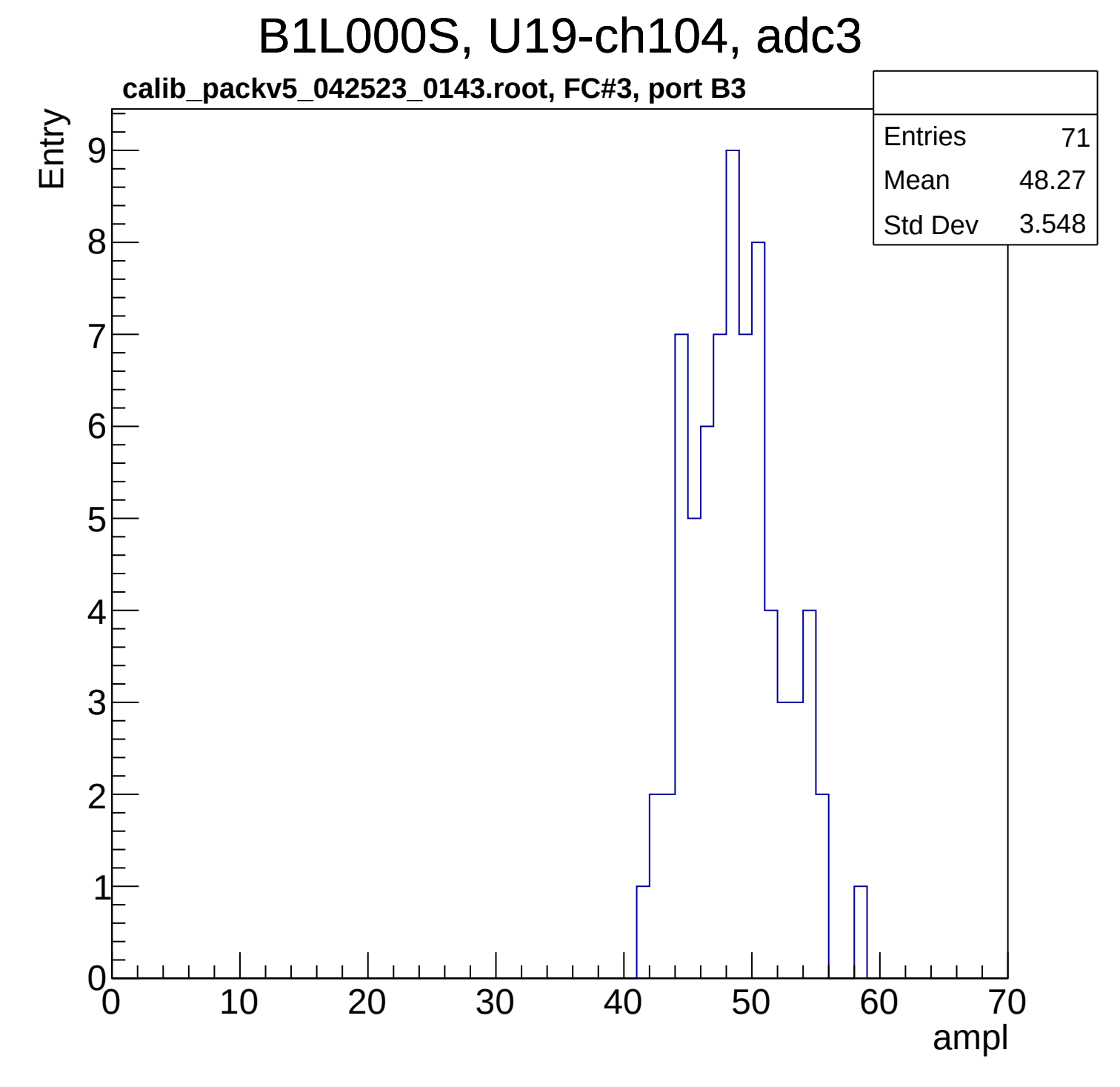
B1L000S, U19-ch104, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 48.27
Std Dev 3.548
Entry
ampl
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3
4
5
6
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0
10
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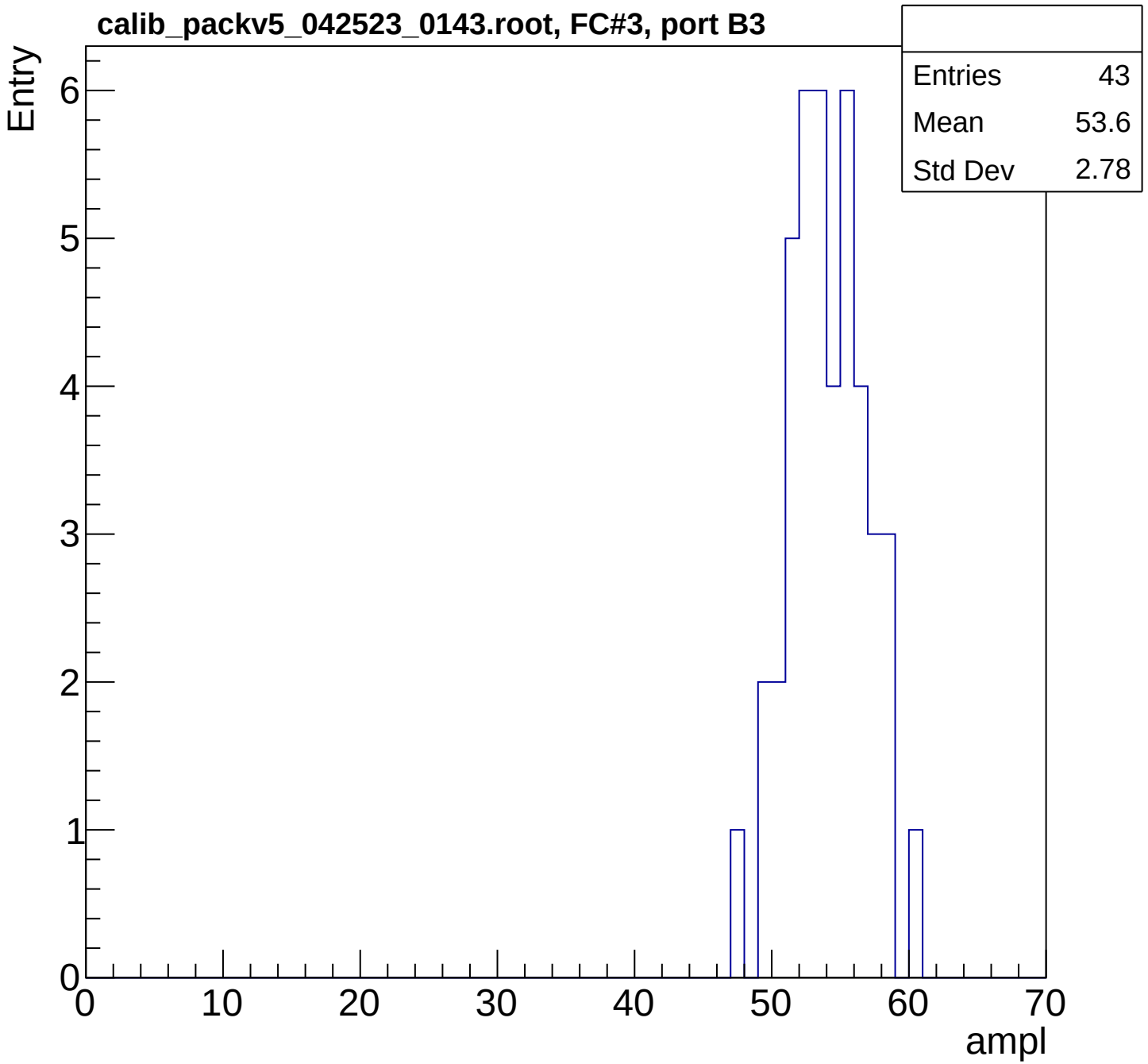
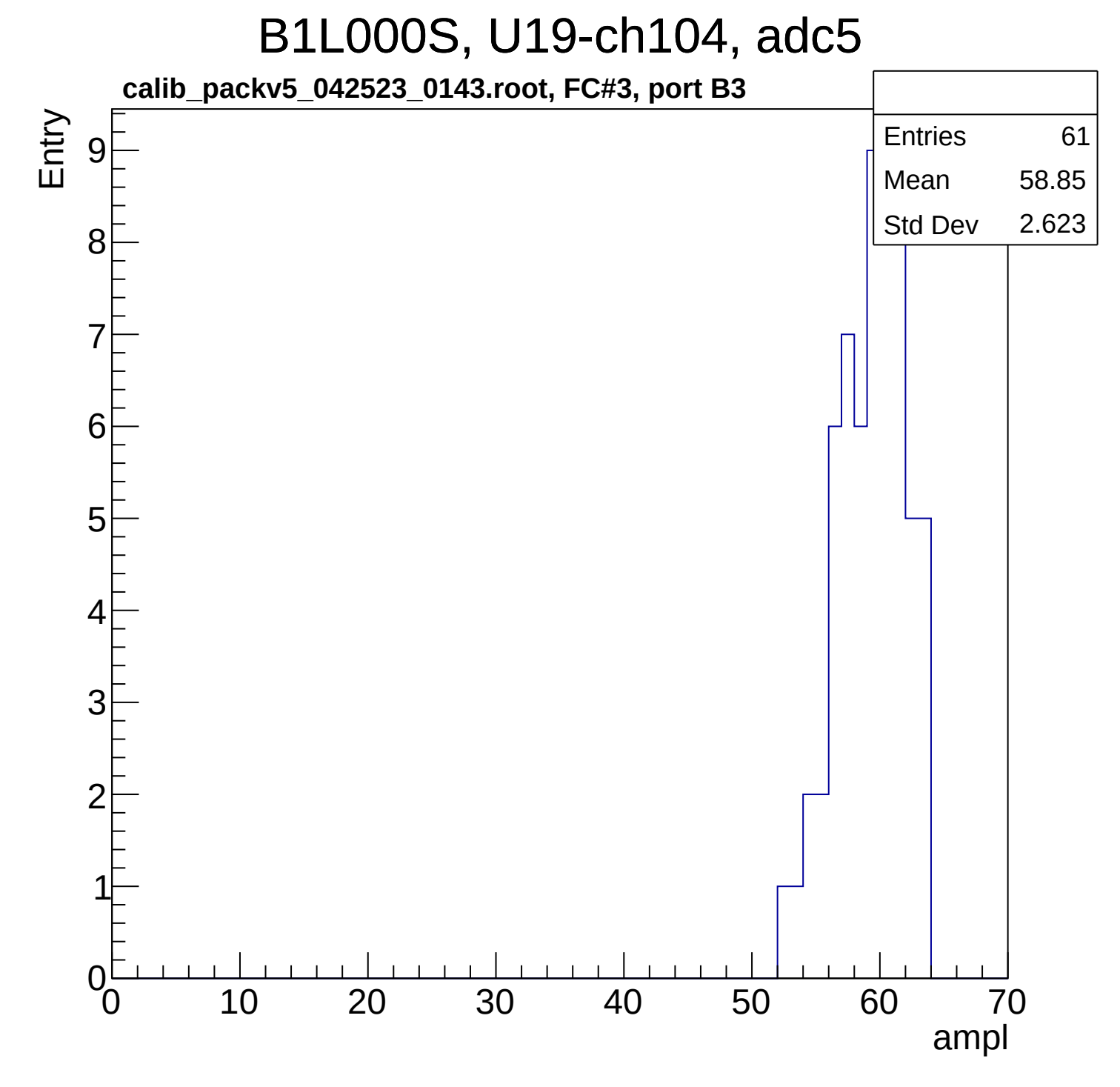

B1L000S, U19-ch104, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 53.6
Std Dev 2.78
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch104, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 58.85
Std Dev 2.623
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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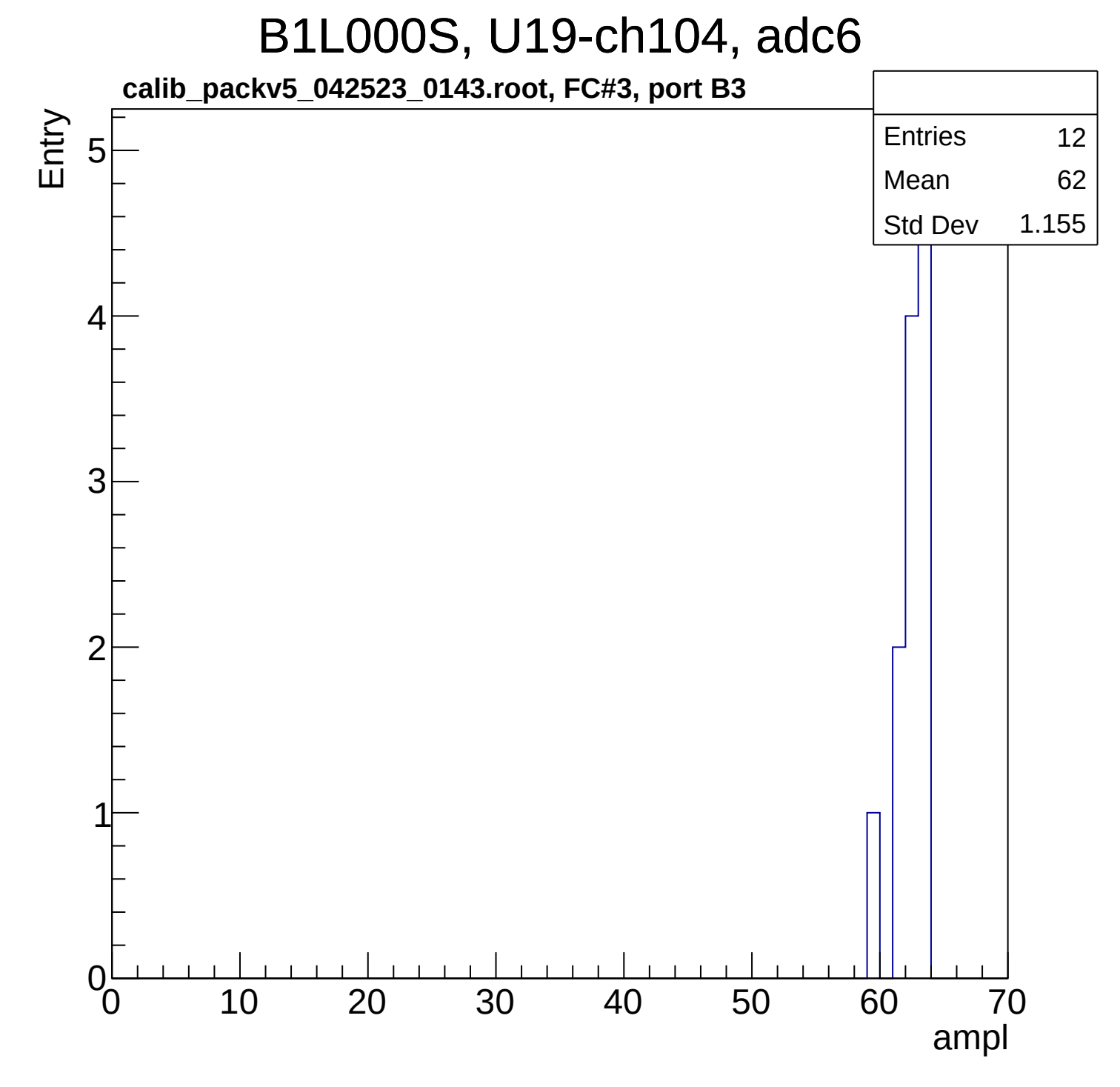
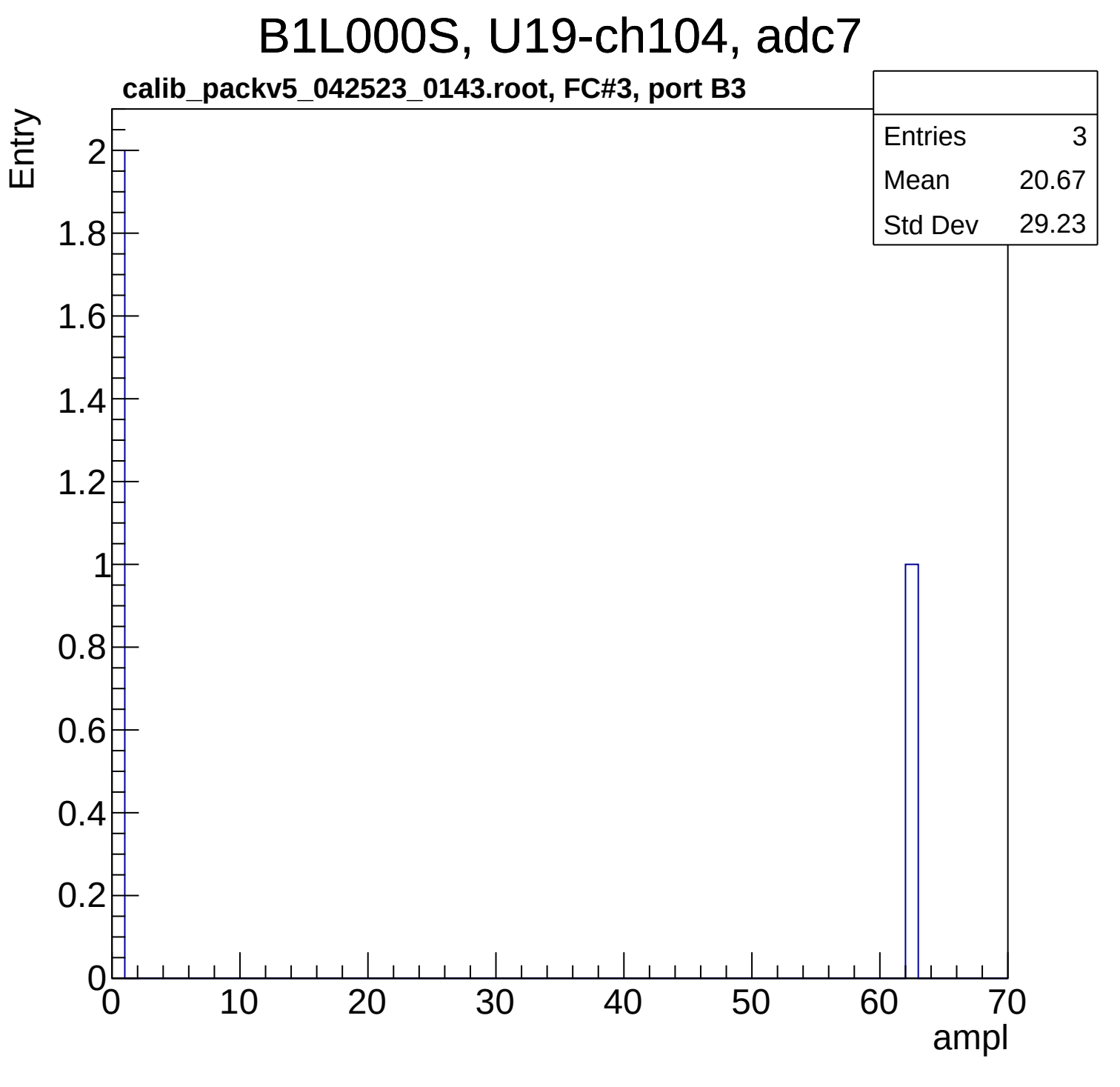
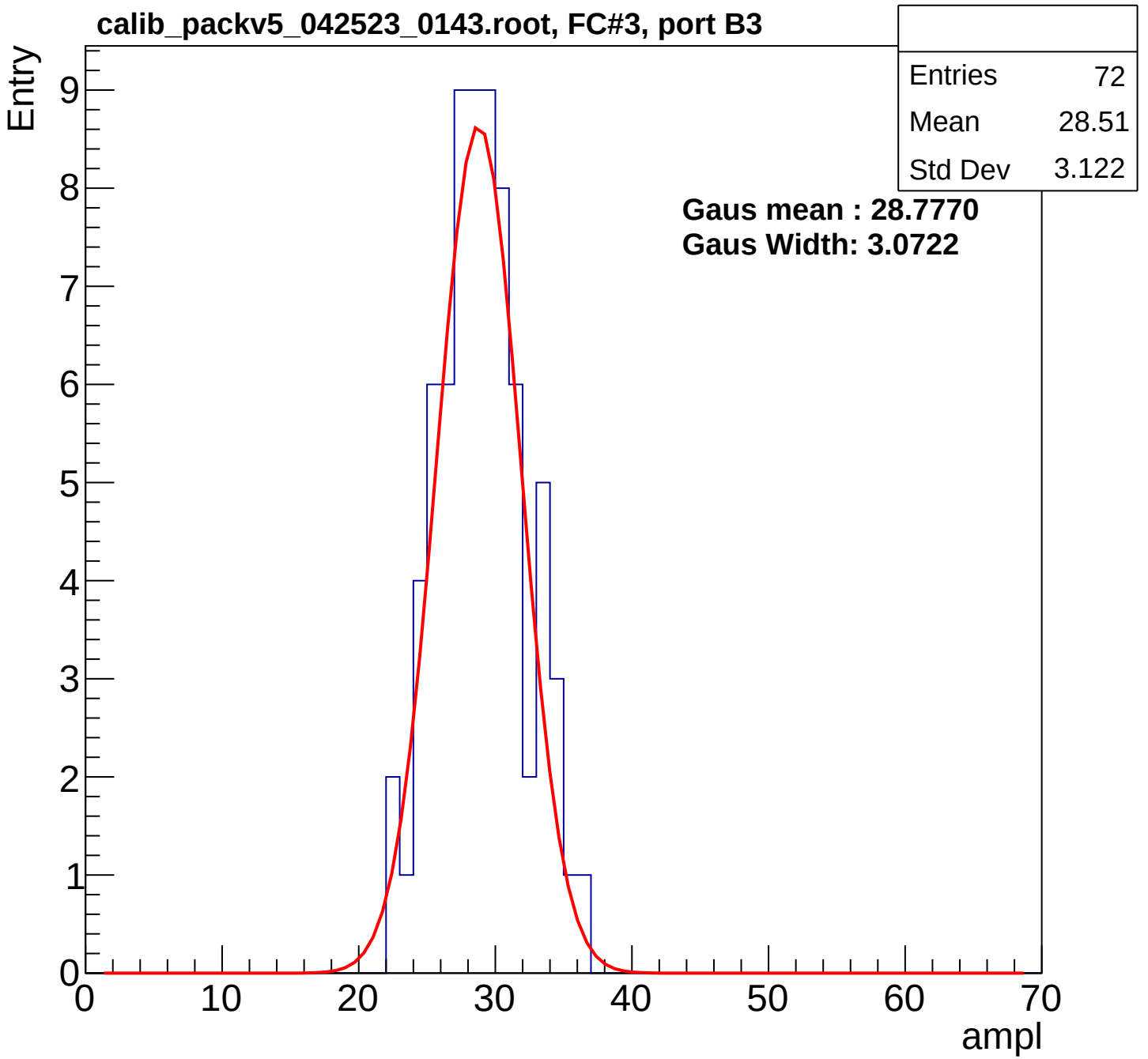
40
50
60
70


B1L000S, U19-ch104, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 62
Std Dev 1.155
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch104, 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, U19-ch105, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 28.51
Std Dev 3.122
Gaus mean : 28.7770
Gaus Width: 3.0722
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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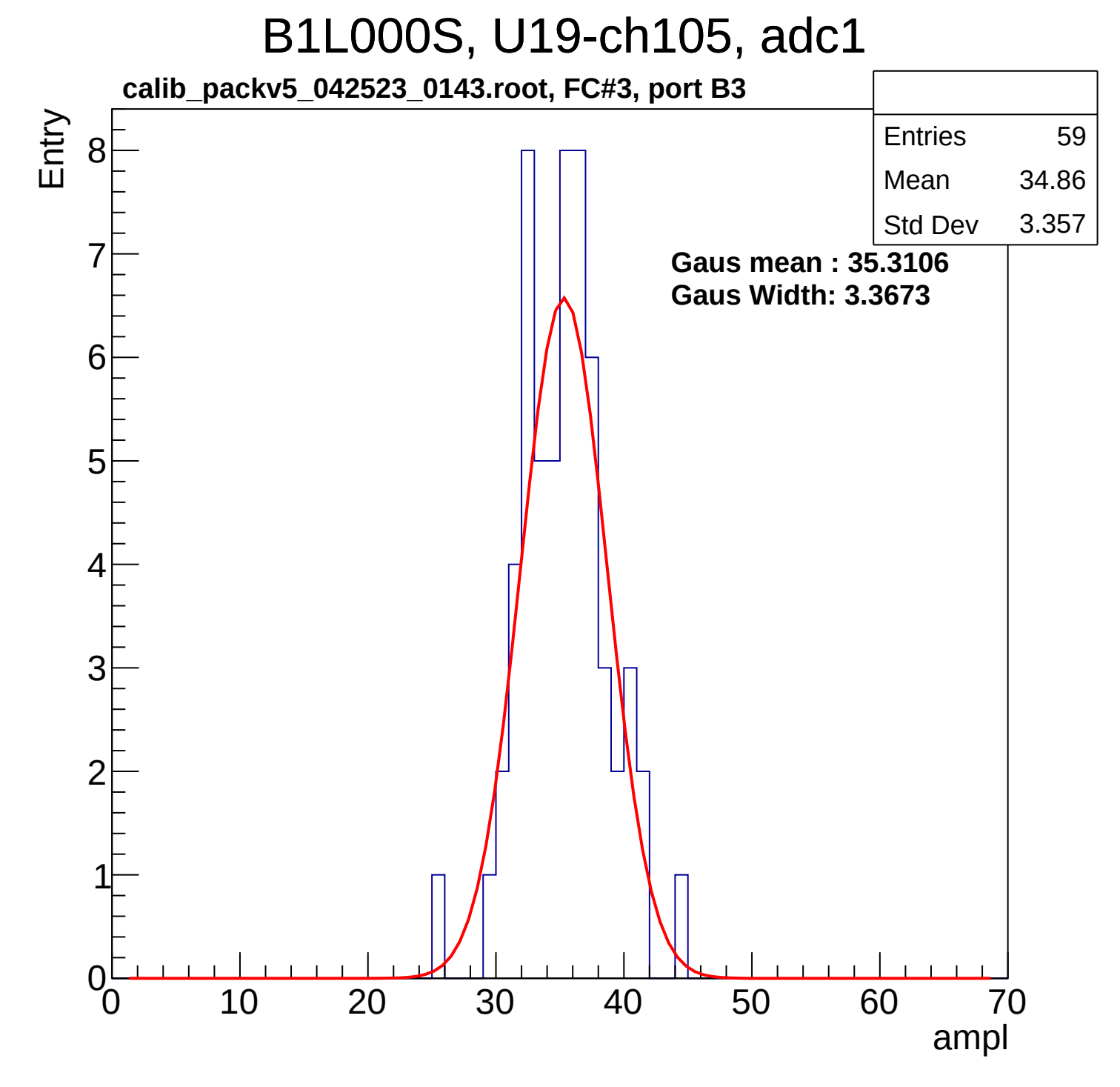
B1L000S, U19-ch105, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 34.86
Std Dev 3.357
Gaus mean : 35.3106
Gaus Width: 3.3673
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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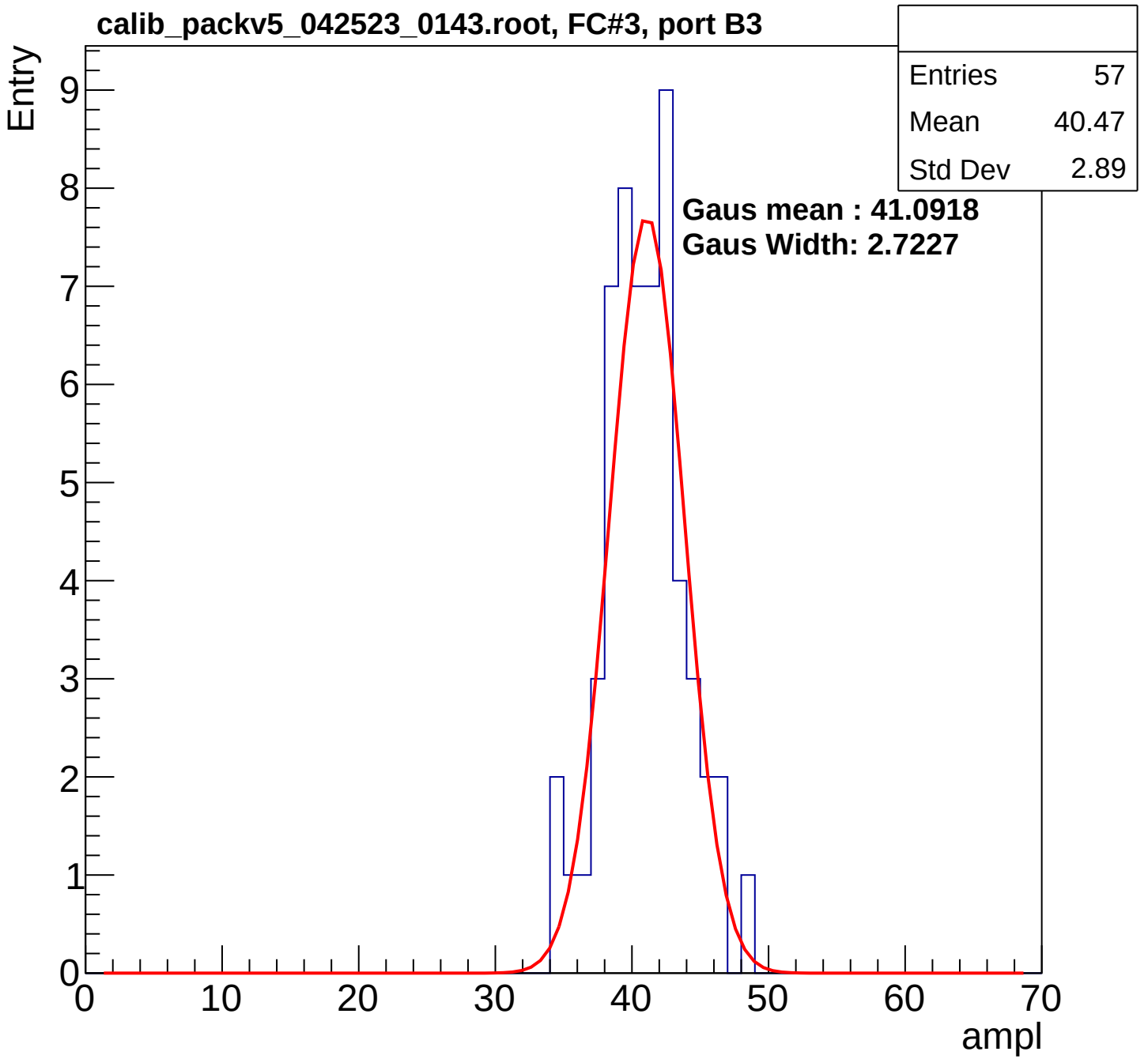
B1L000S, U19-ch105, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 40.47
Std Dev 2.89
Gaus mean : 41.0918
Gaus Width: 2.7227
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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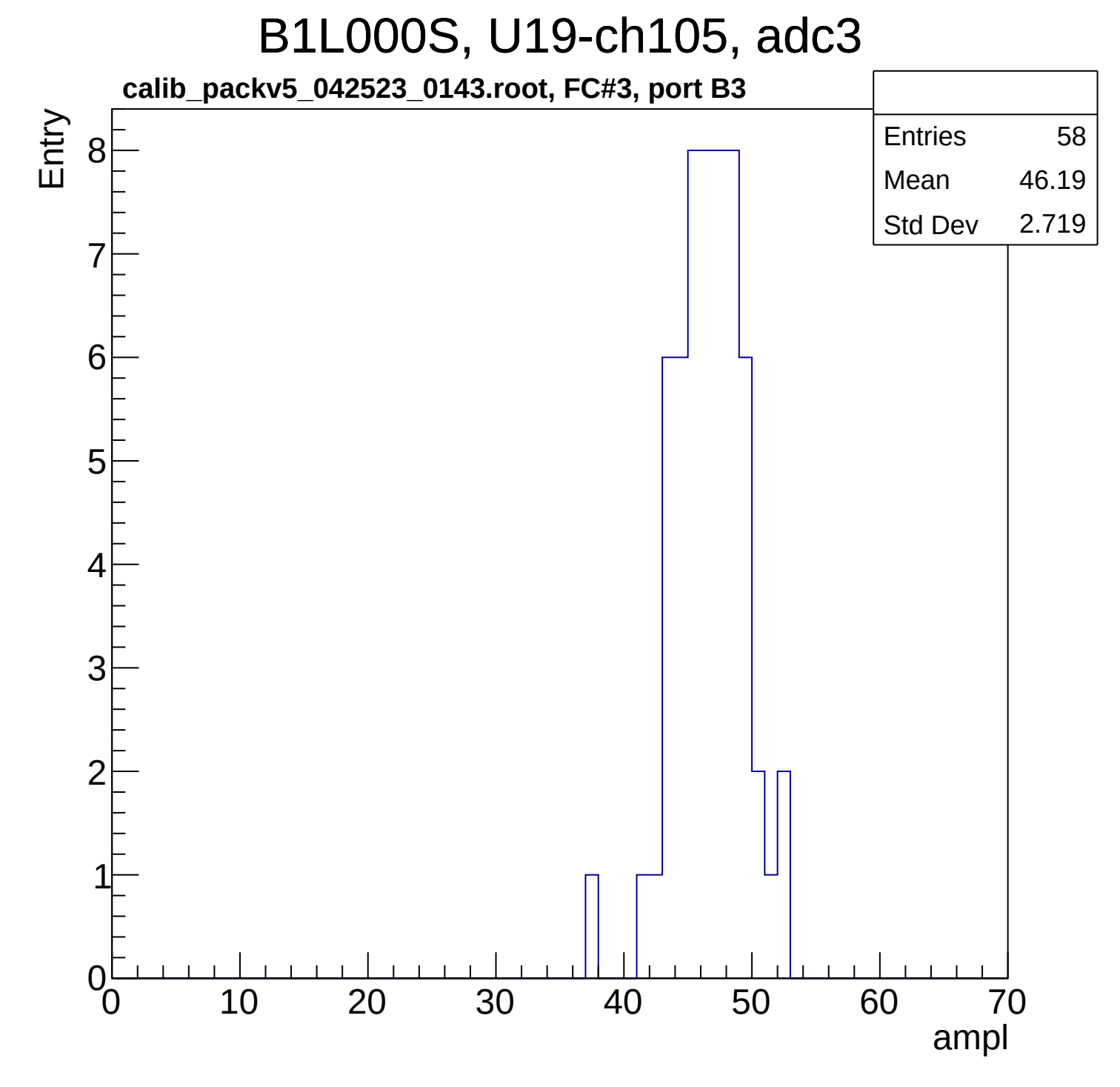
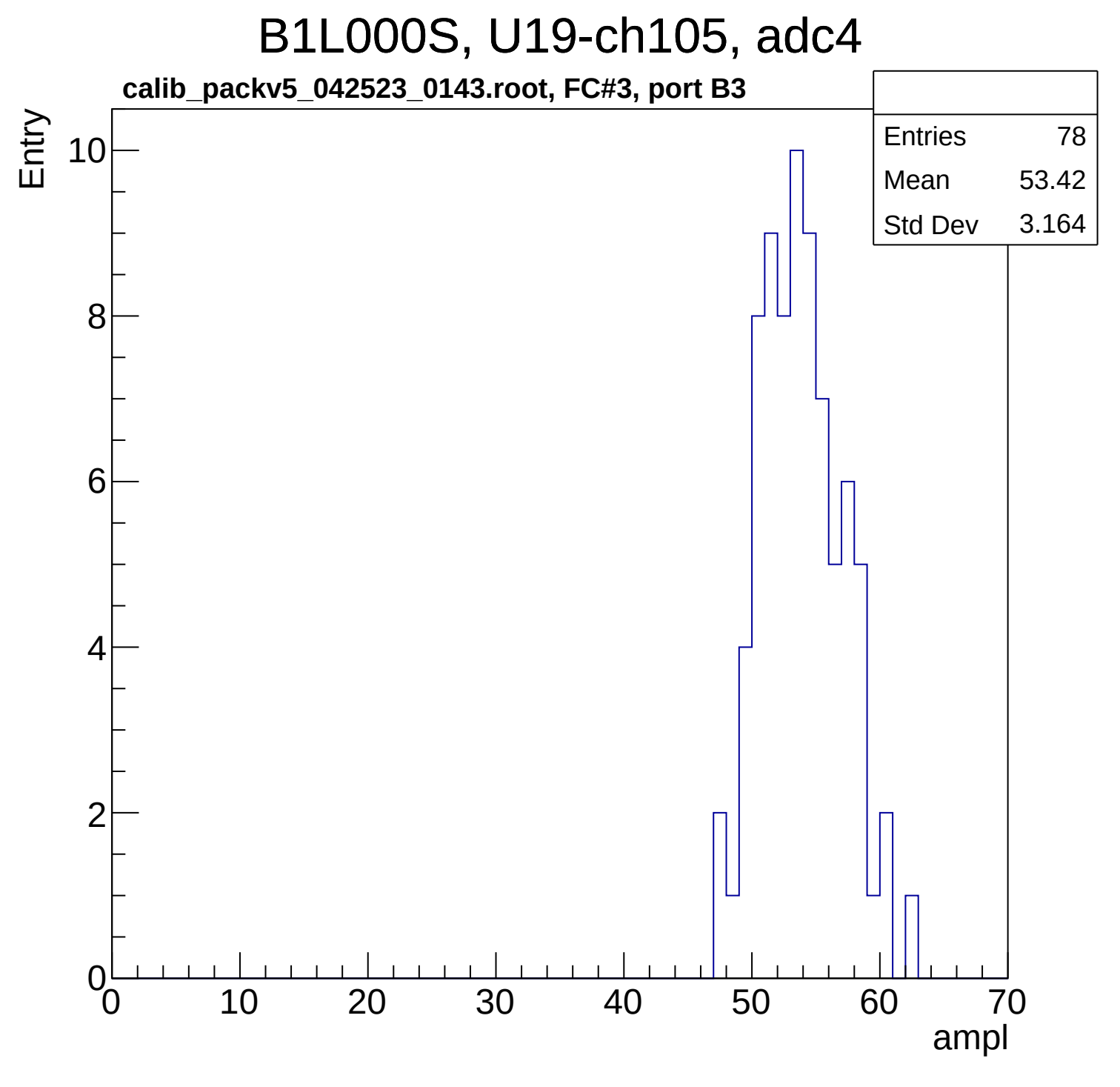

B1L000S, U19-ch105, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 46.19
Std Dev 2.719
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch105, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 53.42
Std Dev 3.164
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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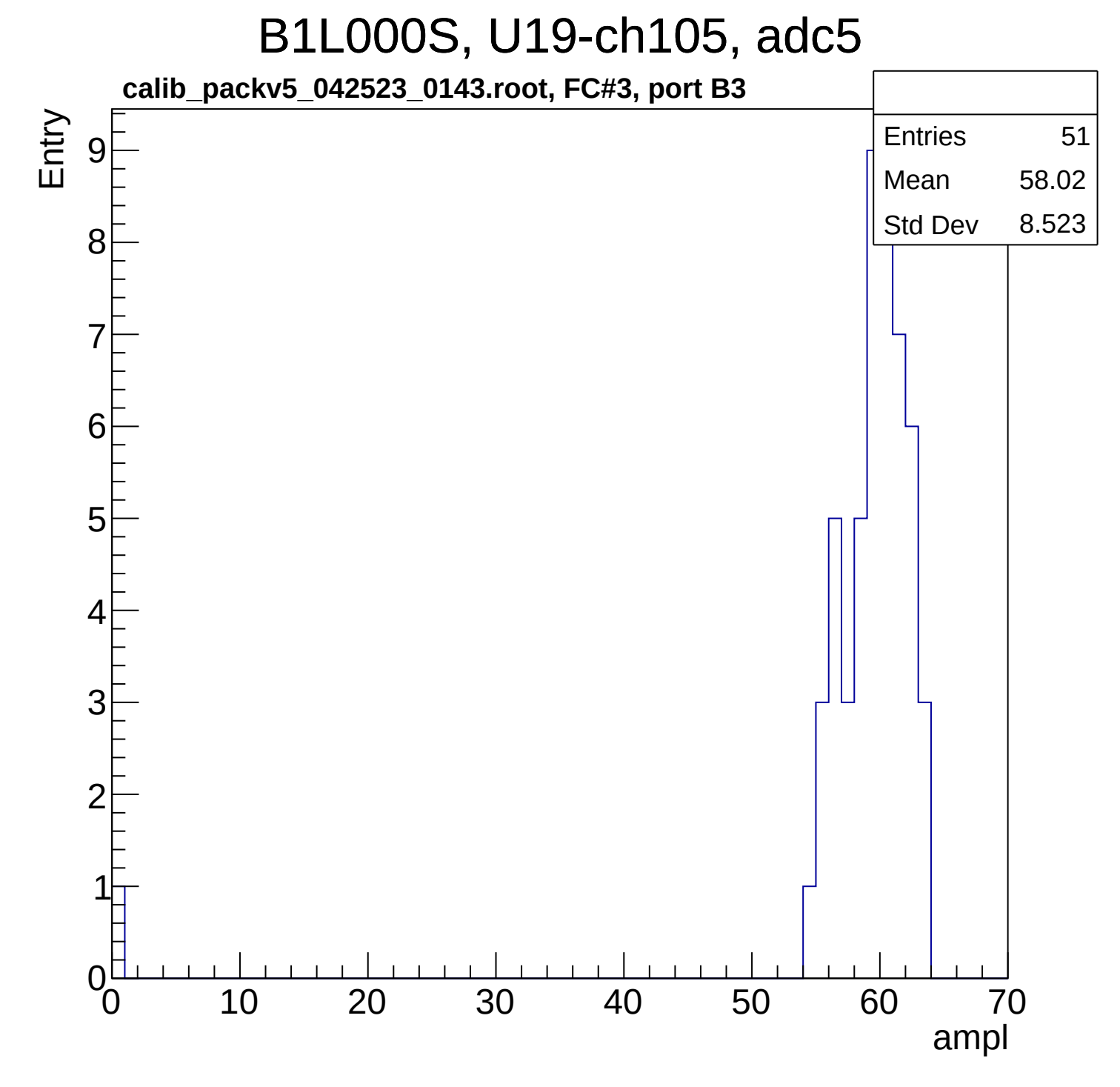
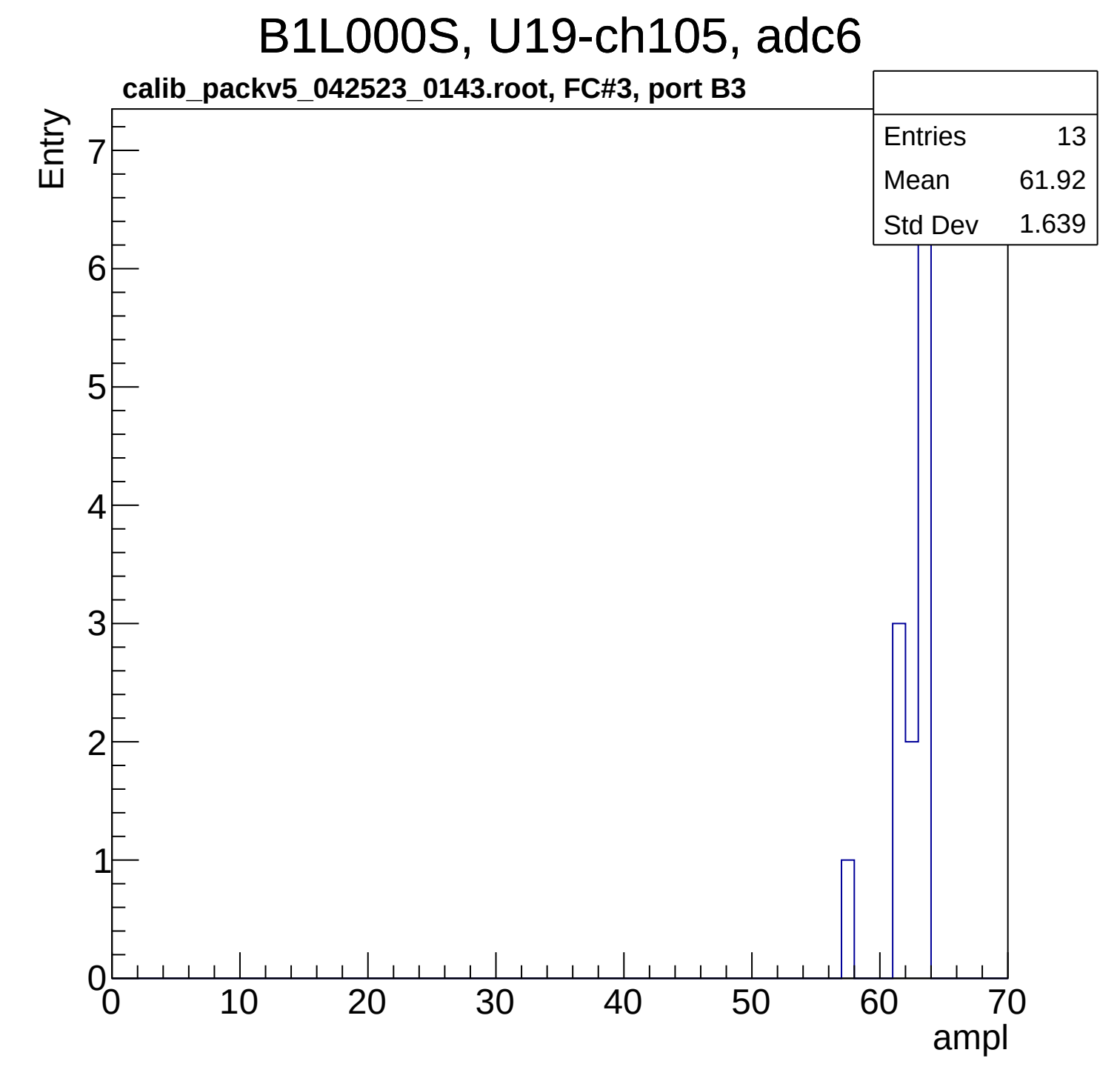
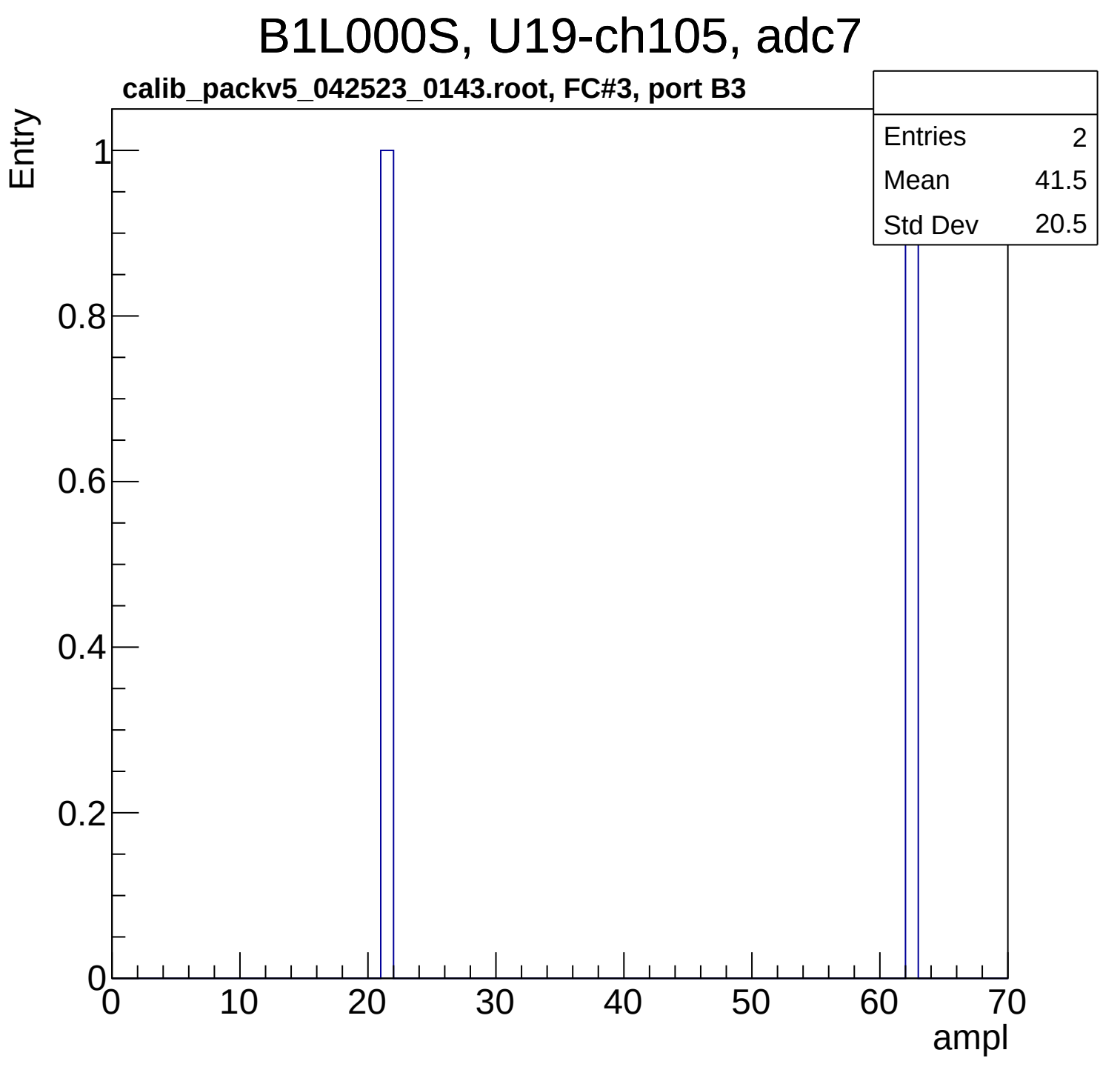
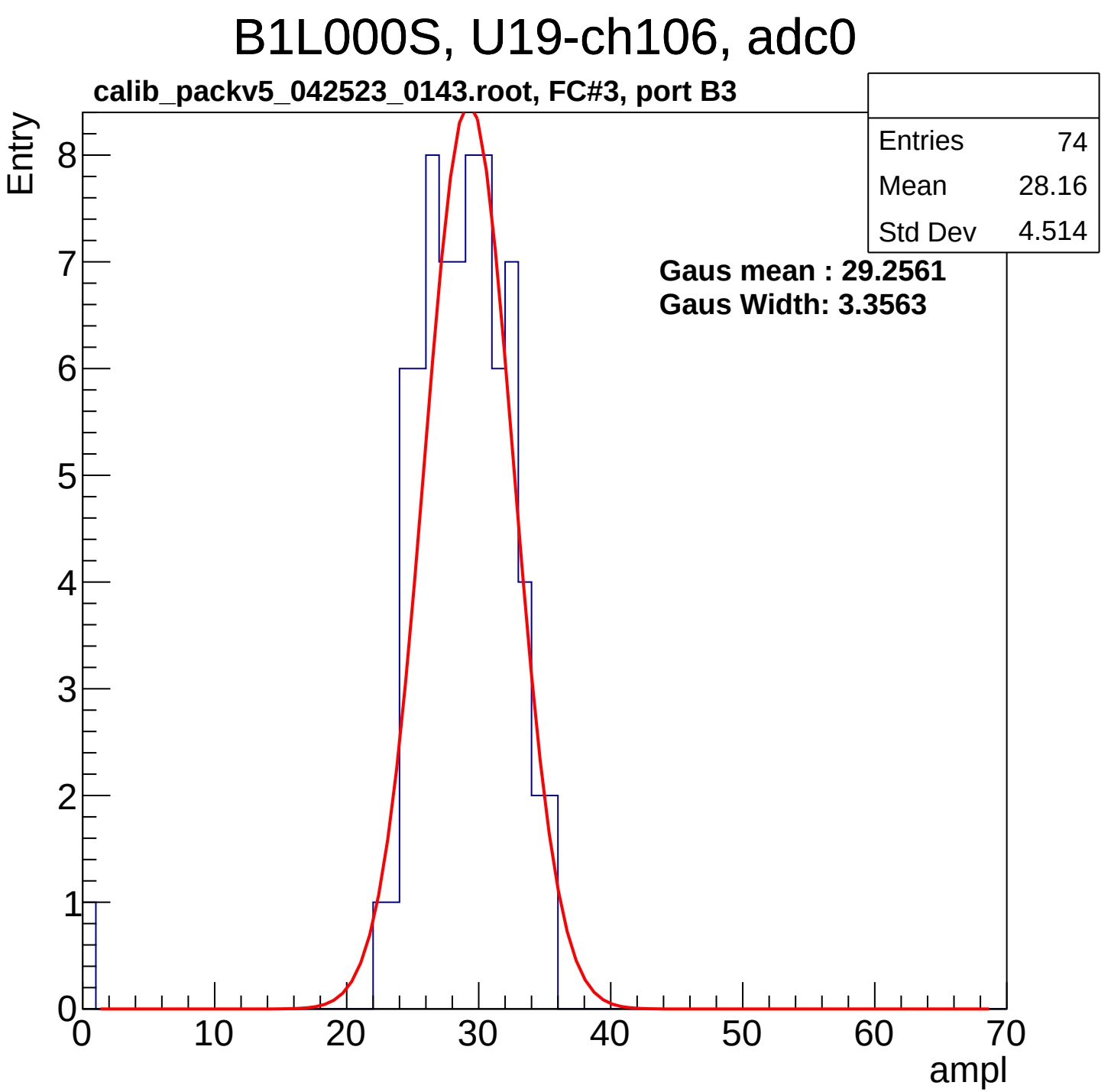
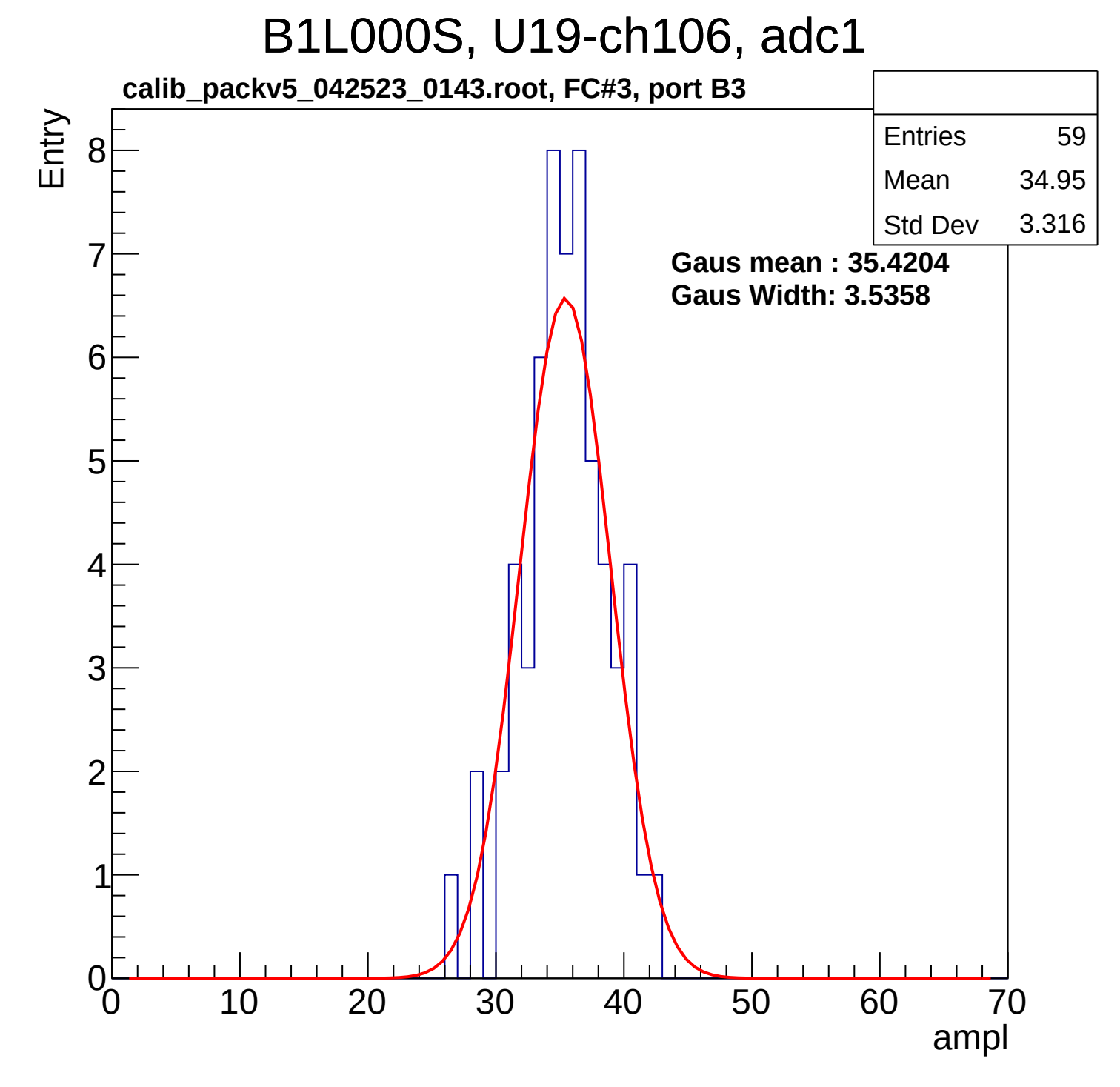
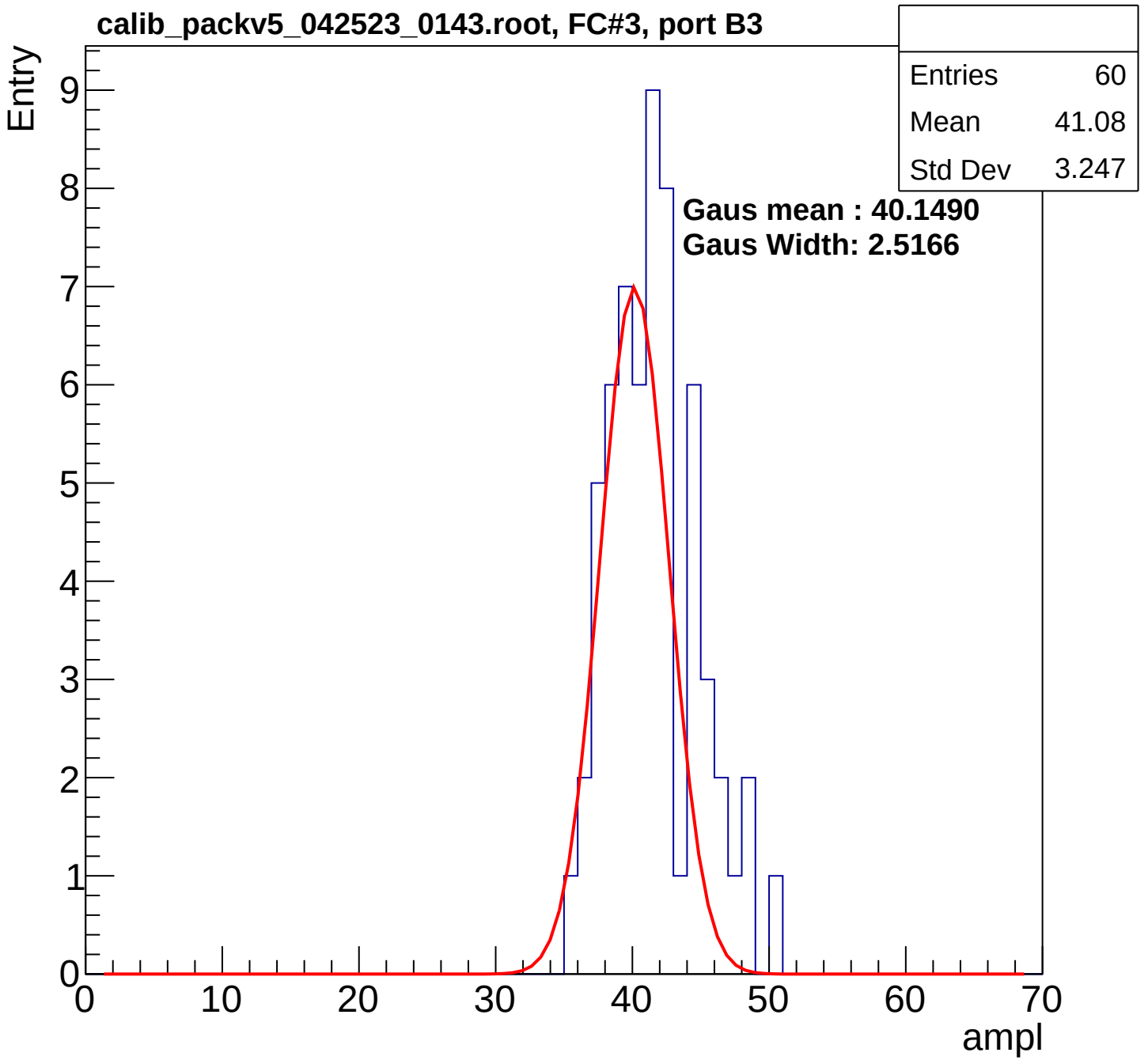

B1L000S, U19-ch105, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 58.02
Std Dev 8.523
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

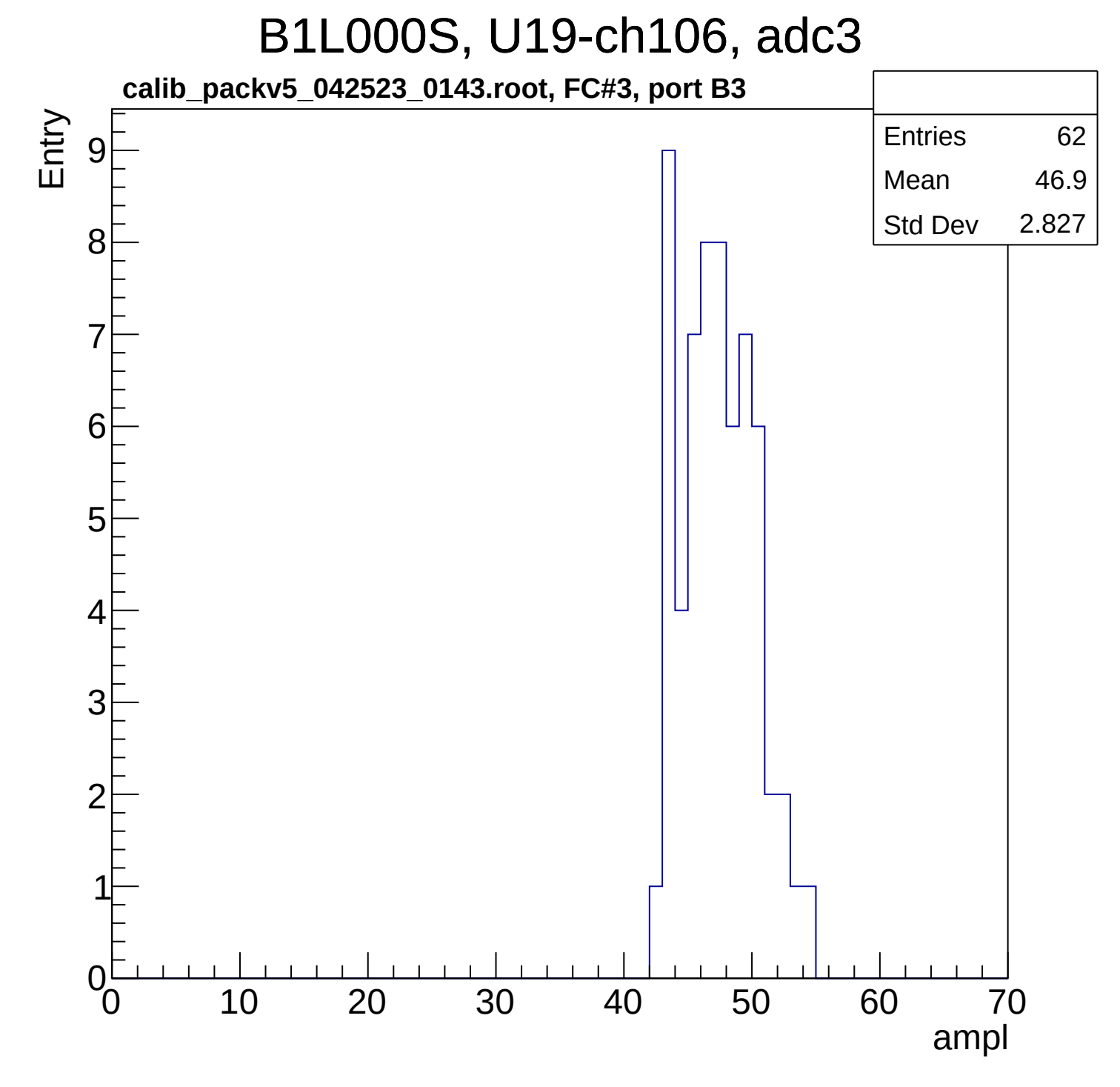

B1L000S, U19-ch105, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 61.92
Std Dev 1.639
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

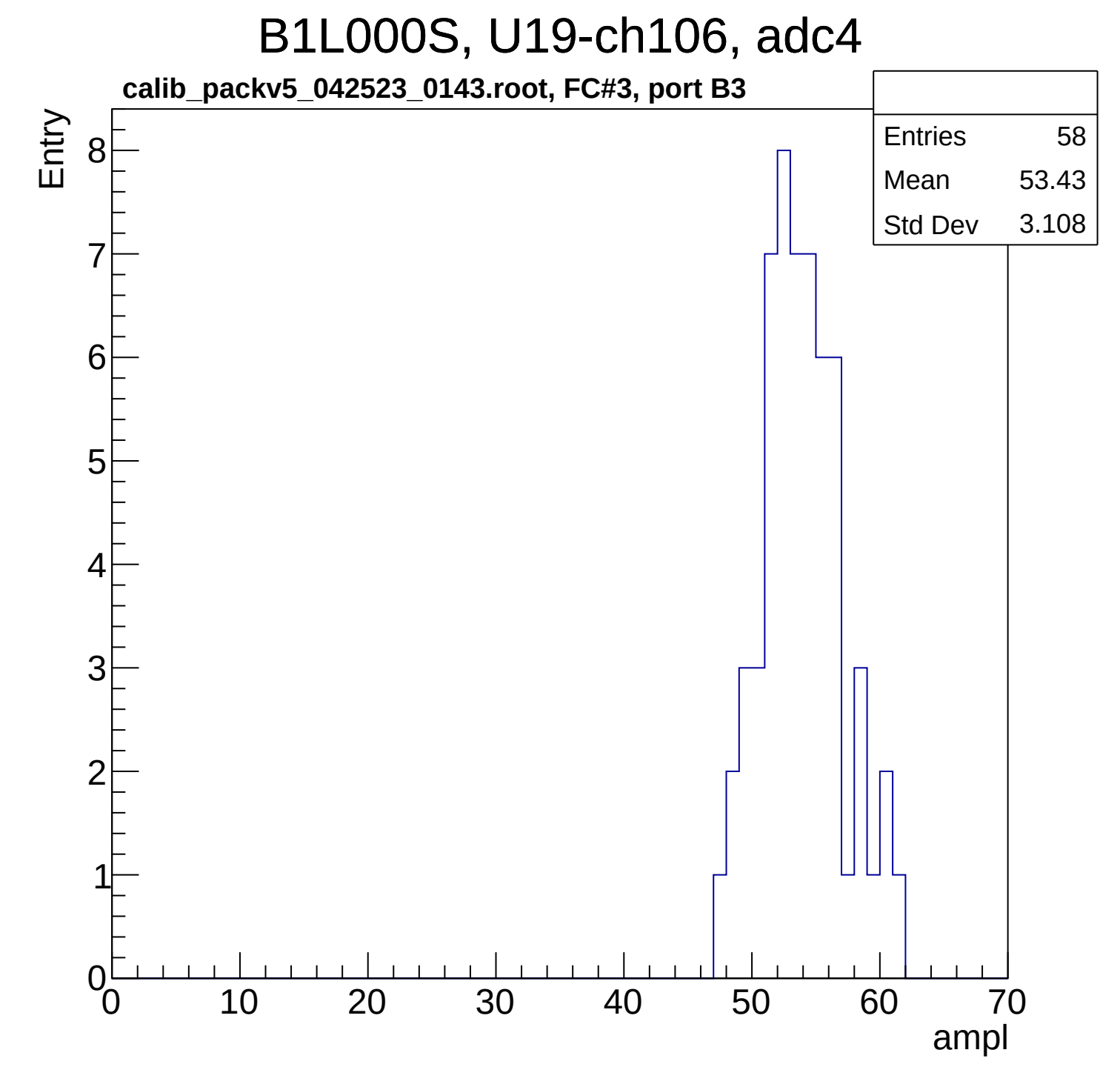

B1L000S, U19-ch105, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 41.5
Std Dev 20.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

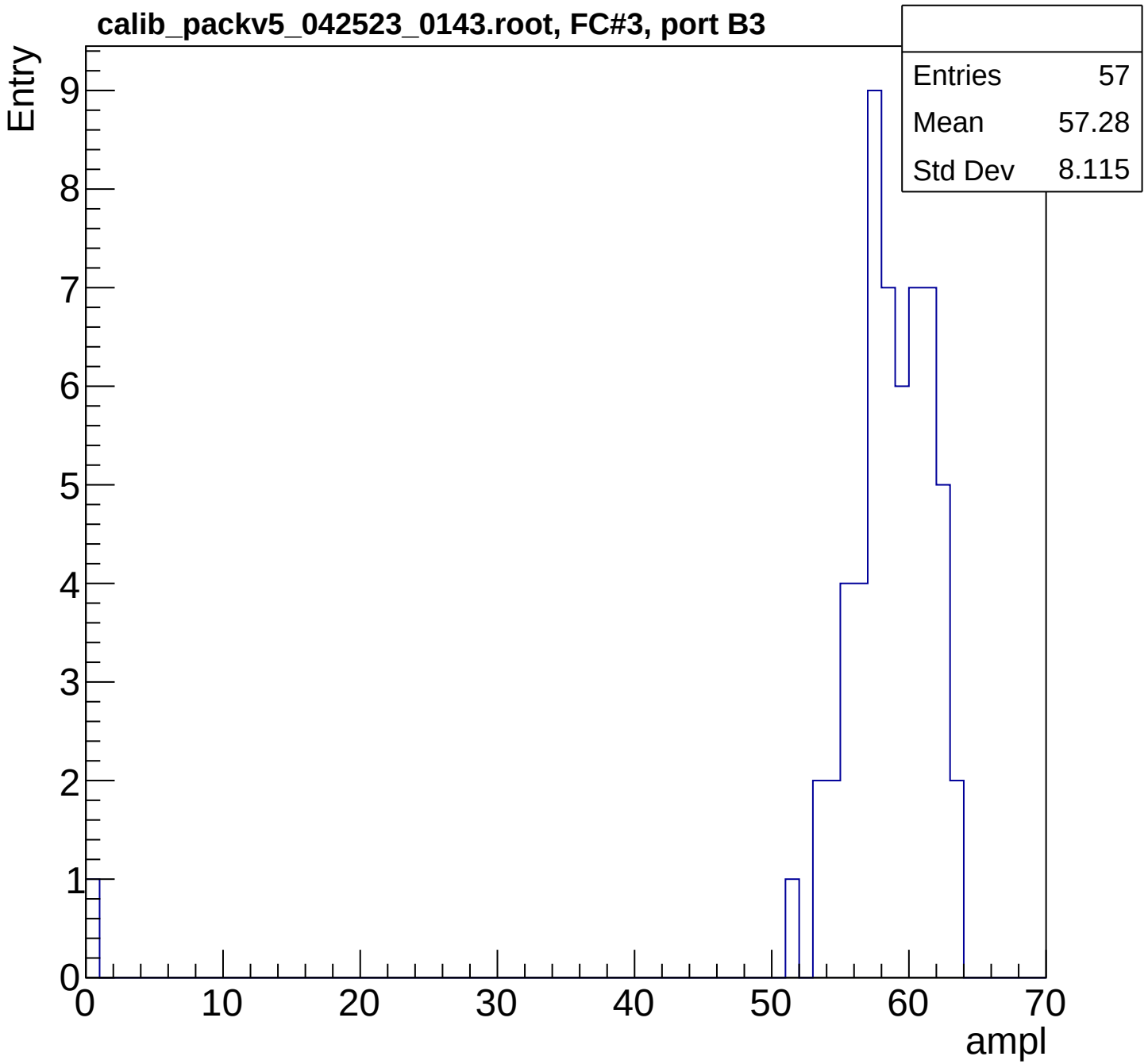

B1L000S, U19-ch106, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 28.16
Std Dev 4.514
Gaus mean : 29.2561
Gaus Width: 3.3563
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

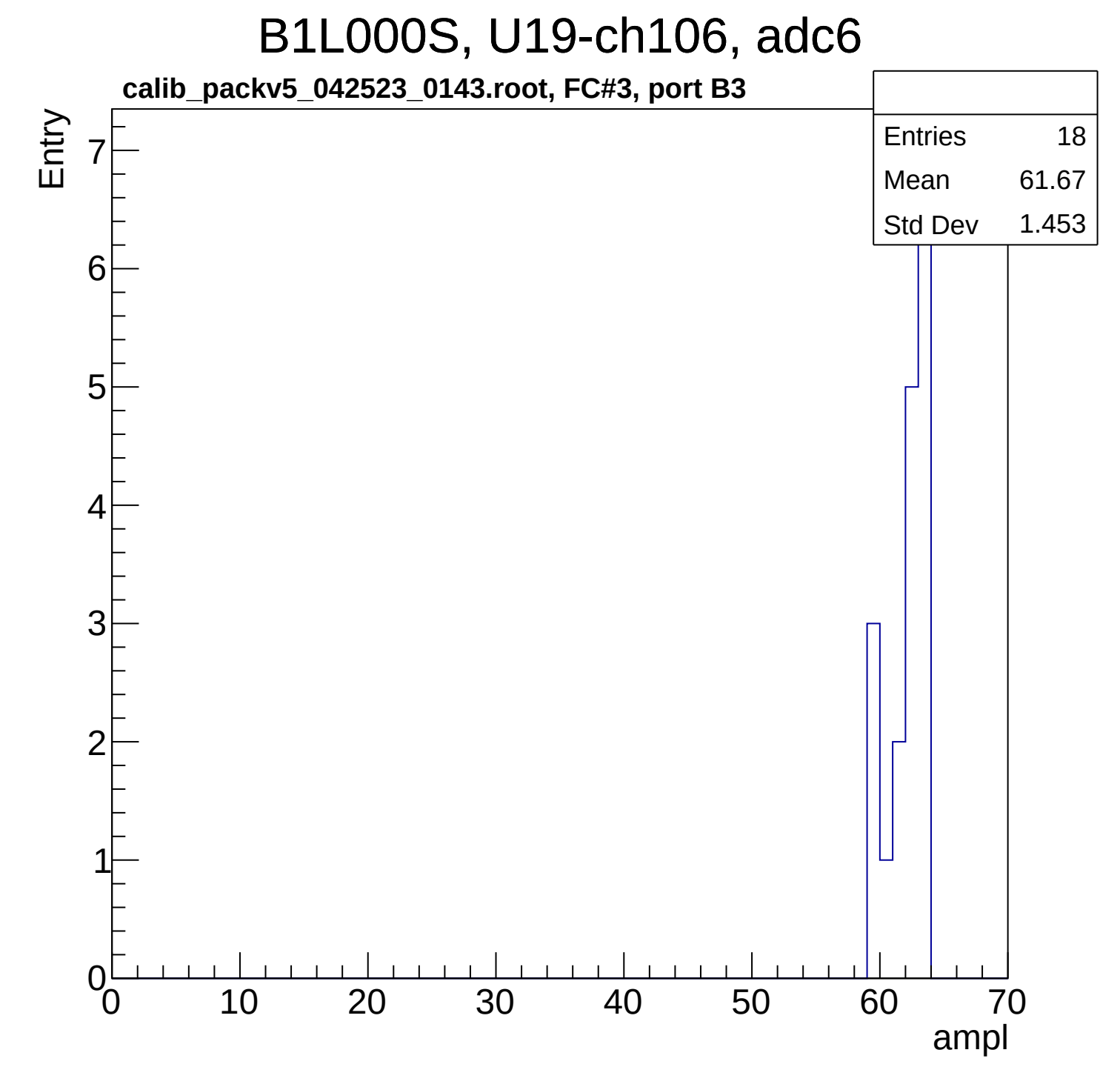

B1L000S, U19-ch106, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 34.95
Std Dev 3.316
Gaus mean : 35.4204
Gaus Width: 3.5358
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch106, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 41.08
Std Dev 3.247
Gaus mean : 40.1490
Gaus Width: 2.5166
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch106, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 46.9
Std Dev 2.827
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch106, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 53.43
Std Dev 3.108
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch106, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 57.28
Std Dev 8.115
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch106, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 18
Mean 61.67
Std Dev 1.453
Entry
ampl
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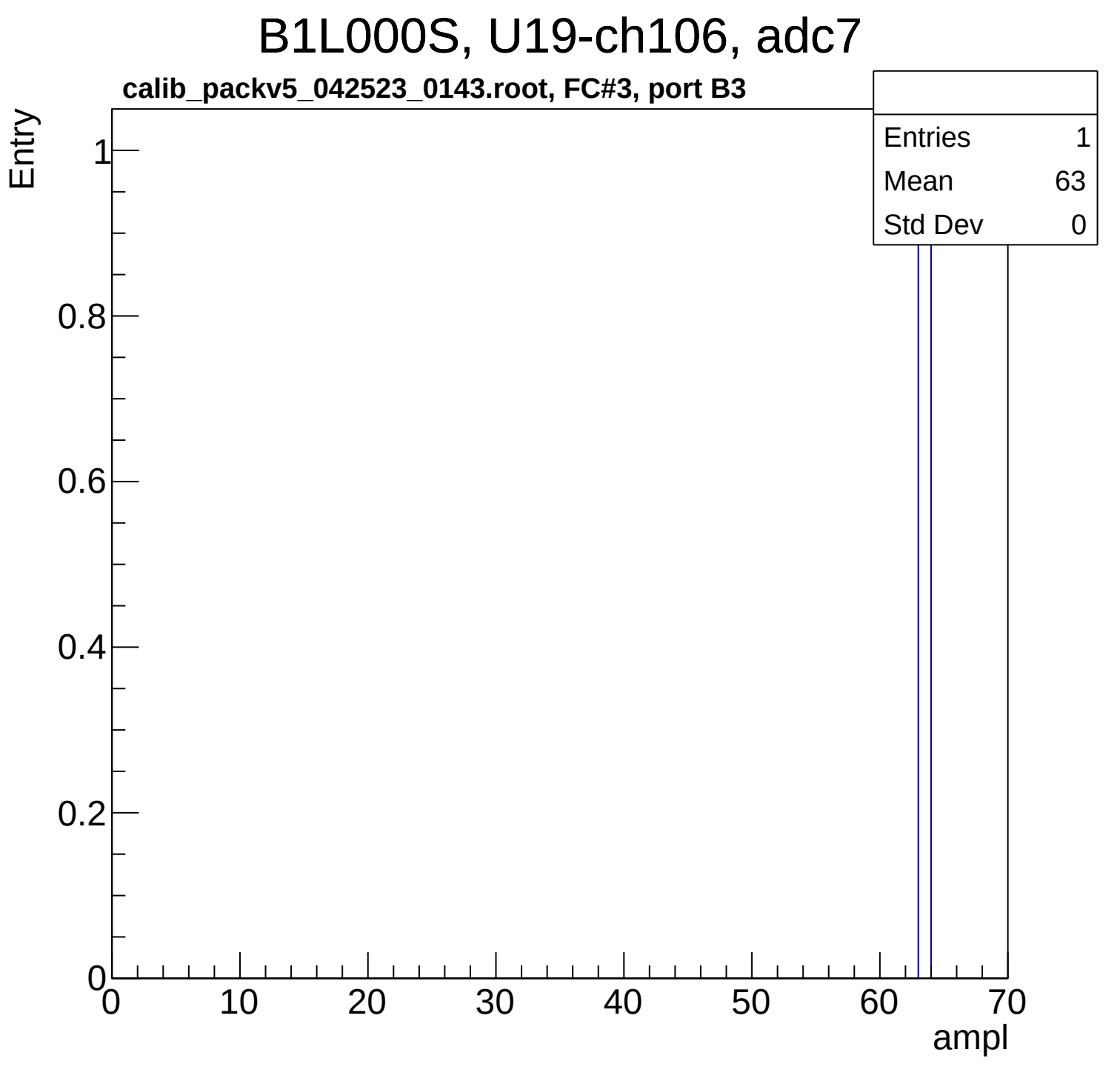
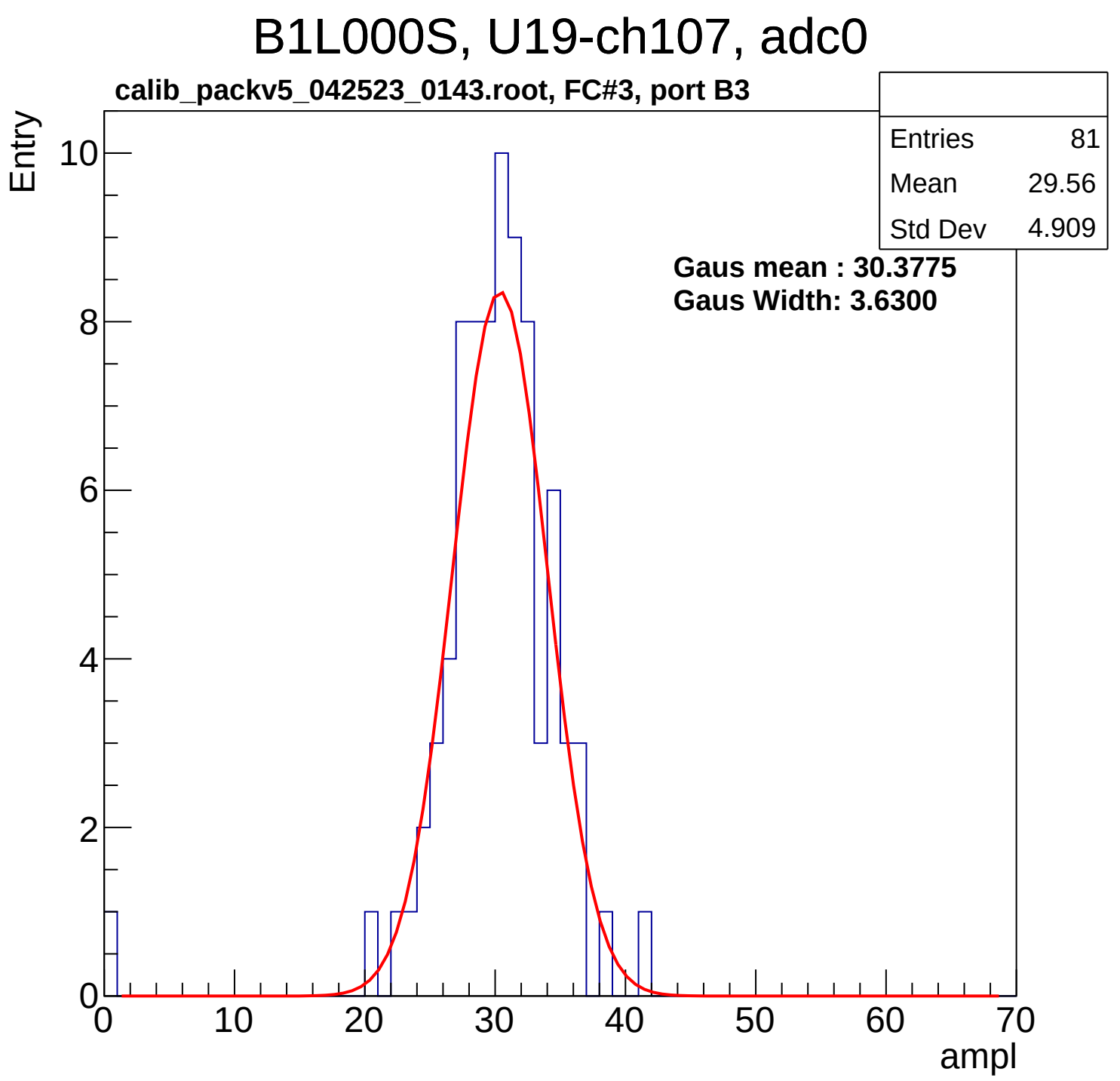
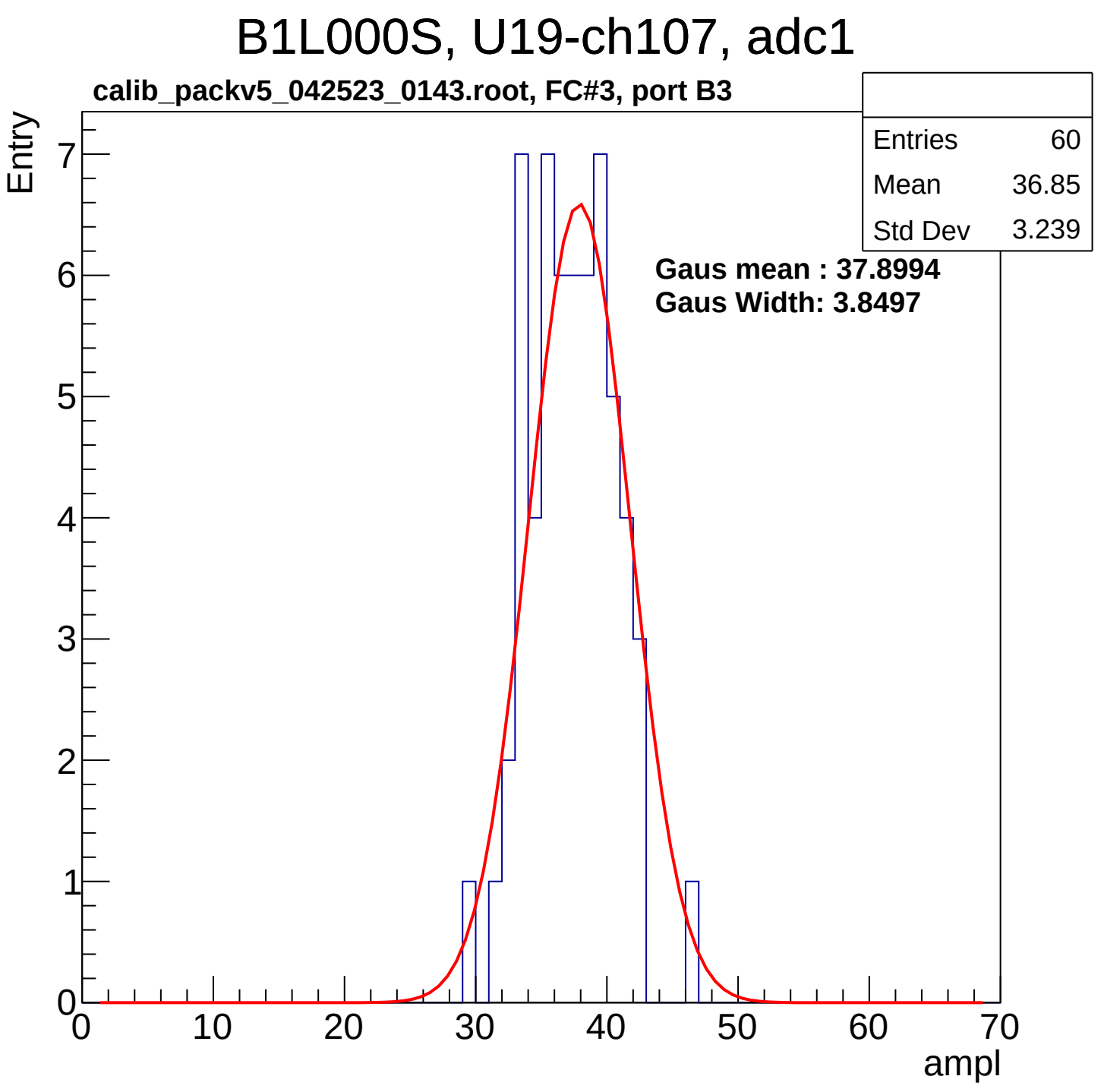
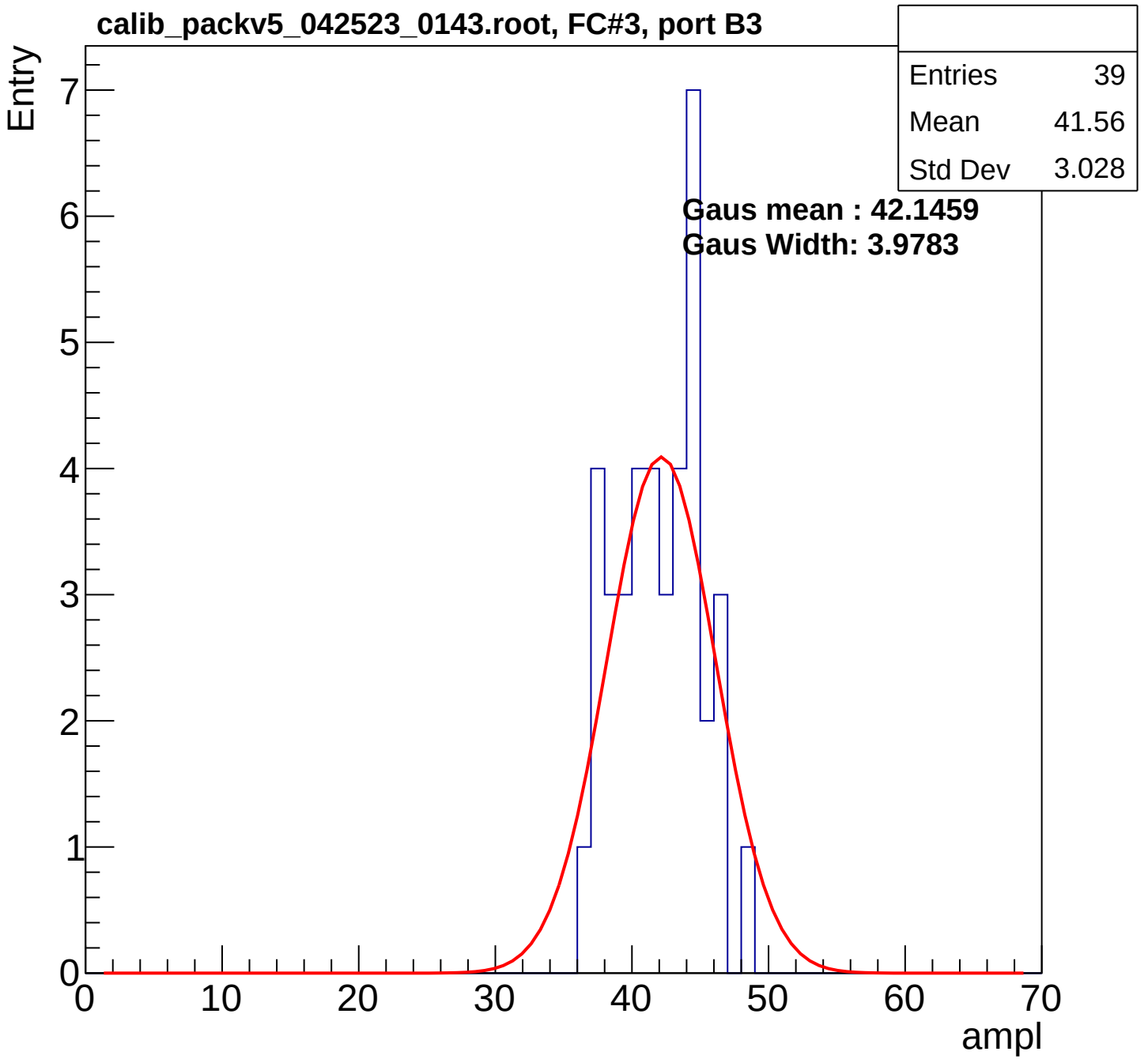
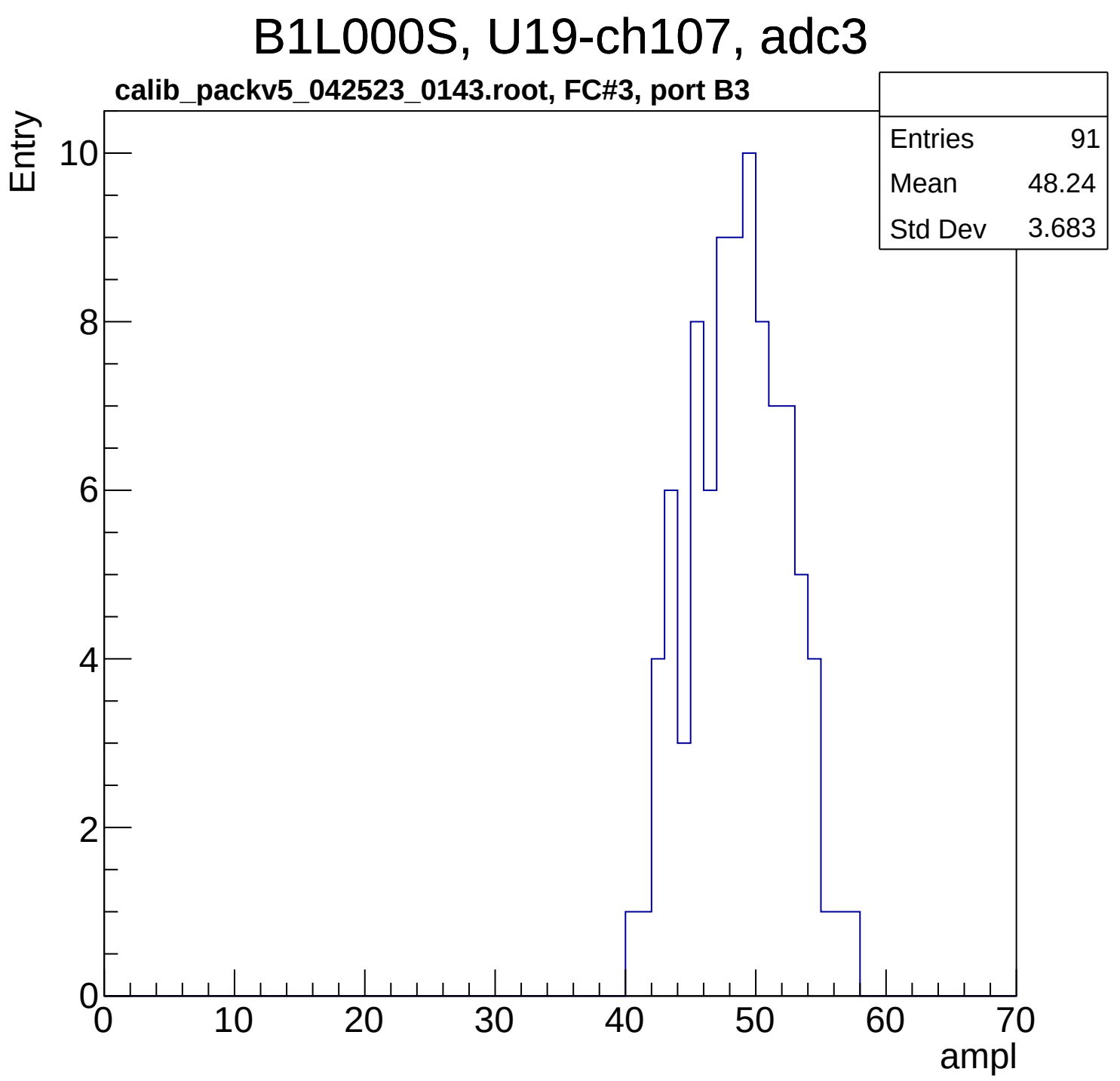
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

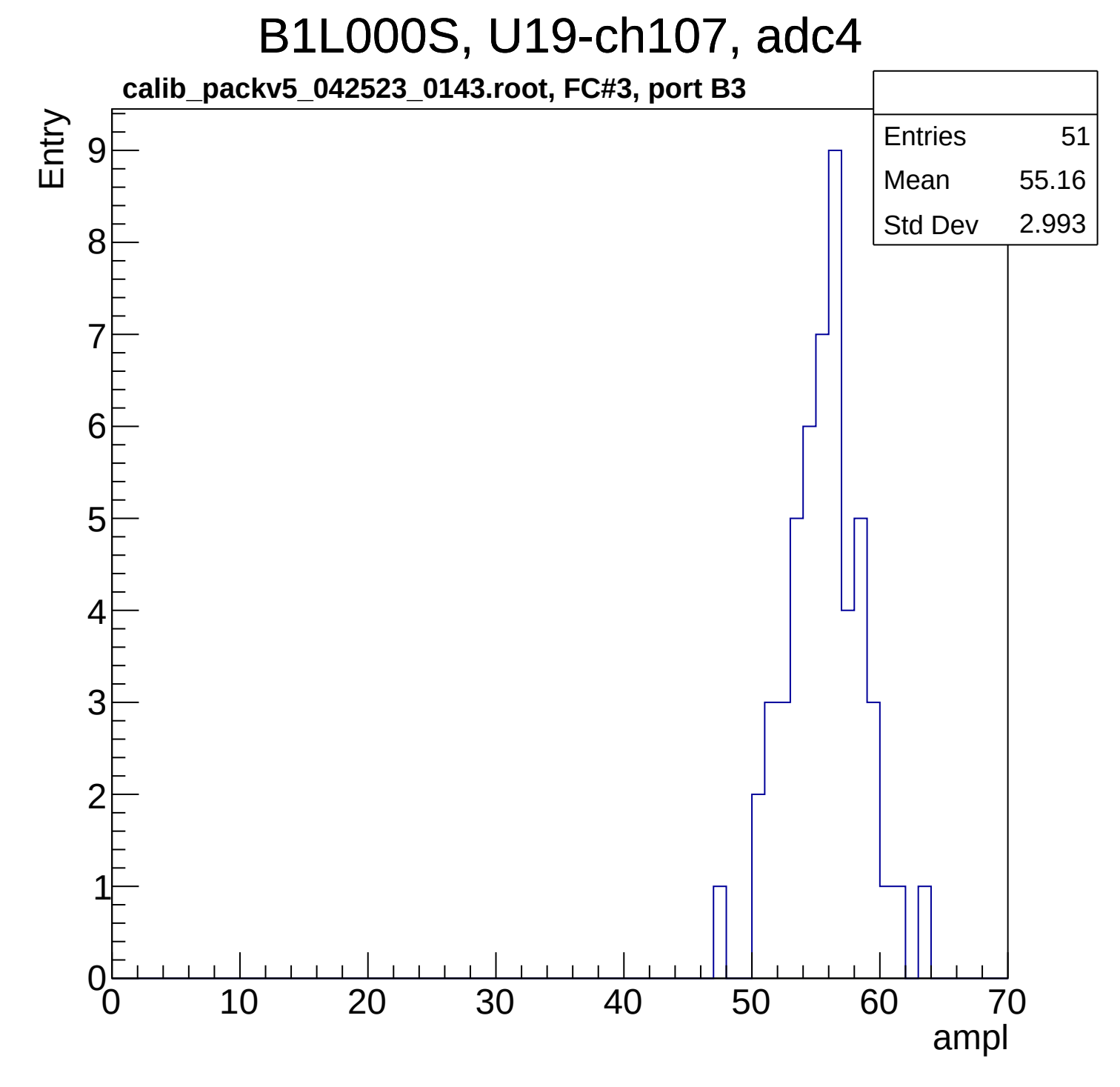

B1L000S, U19-ch106, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

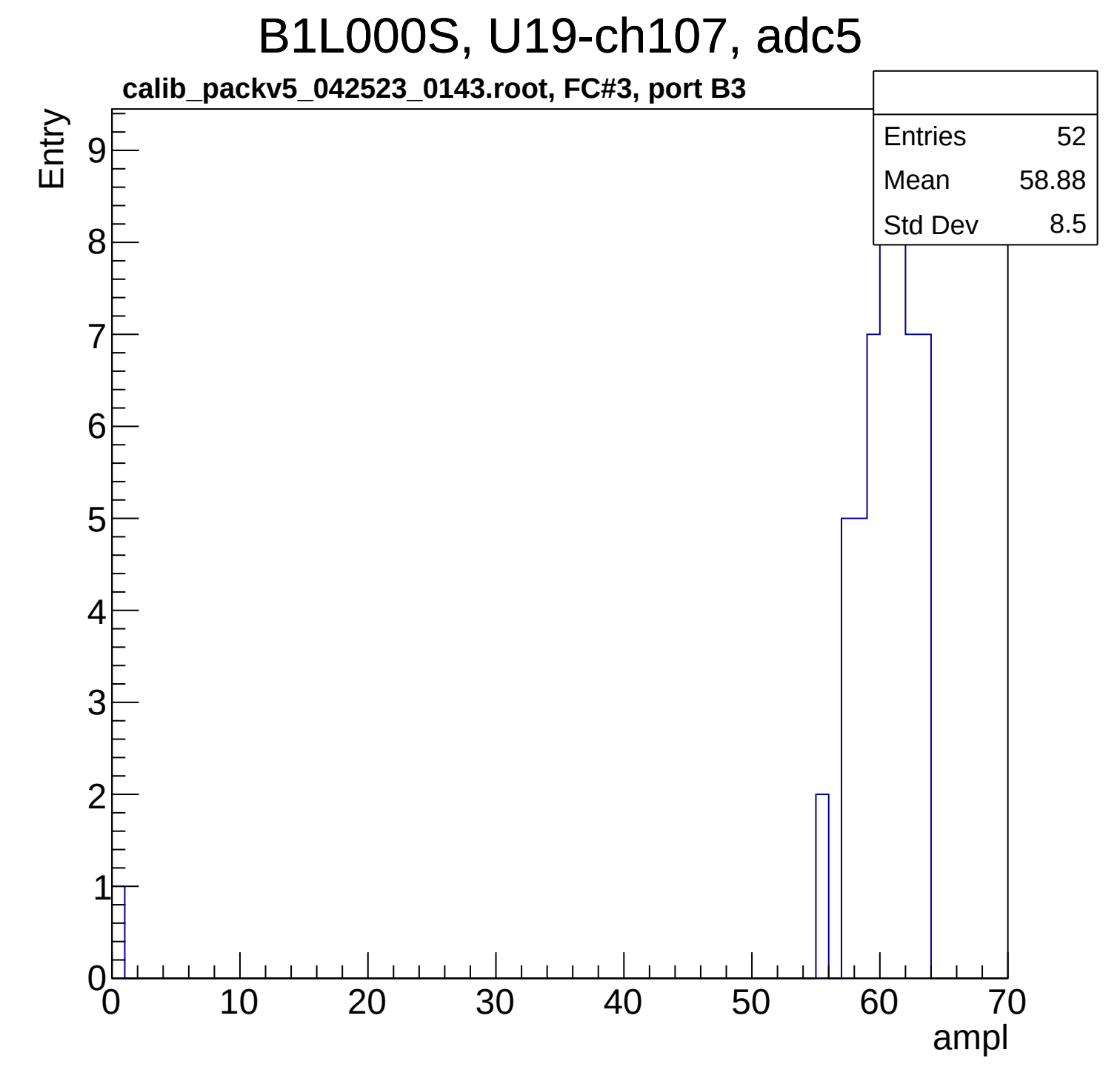

B1L000S, U19-ch107, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 81
Mean 29.56
Std Dev 4.909
Gaus mean : 30.3775
Gaus Width: 3.6300
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch107, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 36.85
Std Dev 3.239
Gaus mean : 37.8994
Gaus Width: 3.8497
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U19-ch107, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 39
Mean 41.56
Std Dev 3.028
Gaus mean : 42.1459
Gaus Width: 3.9783
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U19-ch107, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 91
Mean 48.24
Std Dev 3.683
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch107, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 55.16
Std Dev 2.993
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch107, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 58.88
Std Dev 8.5
Entry
ampl
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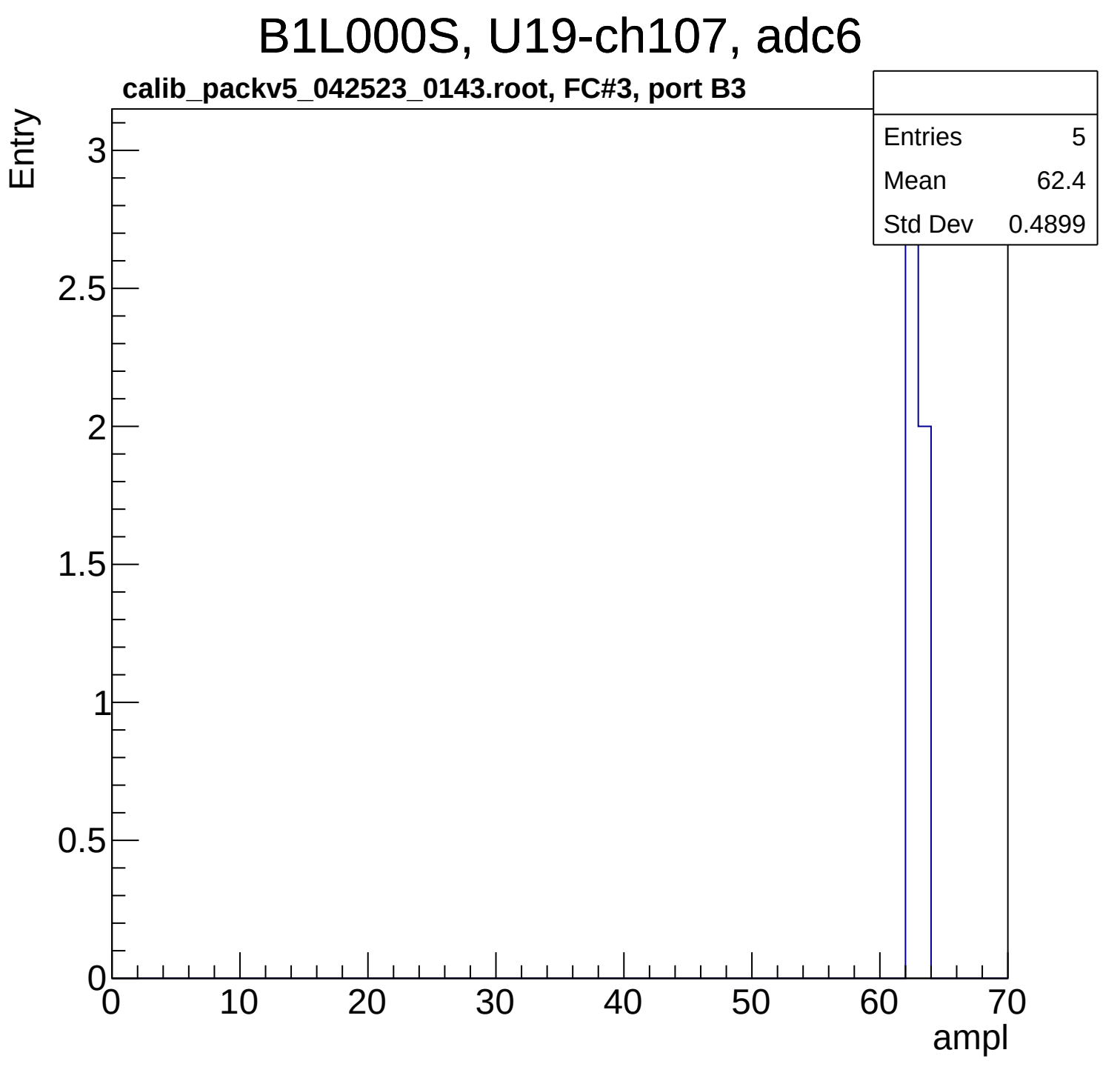
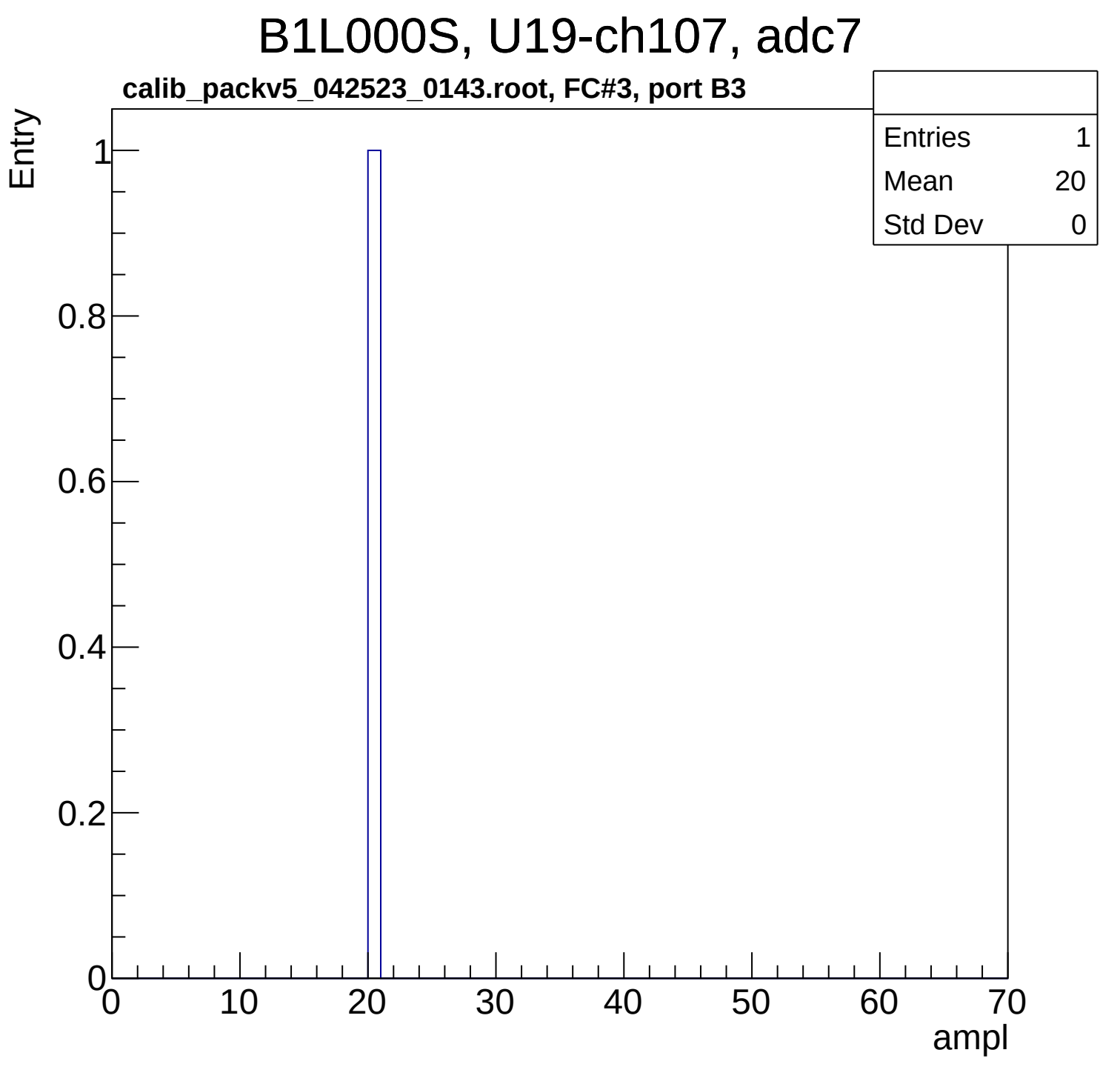
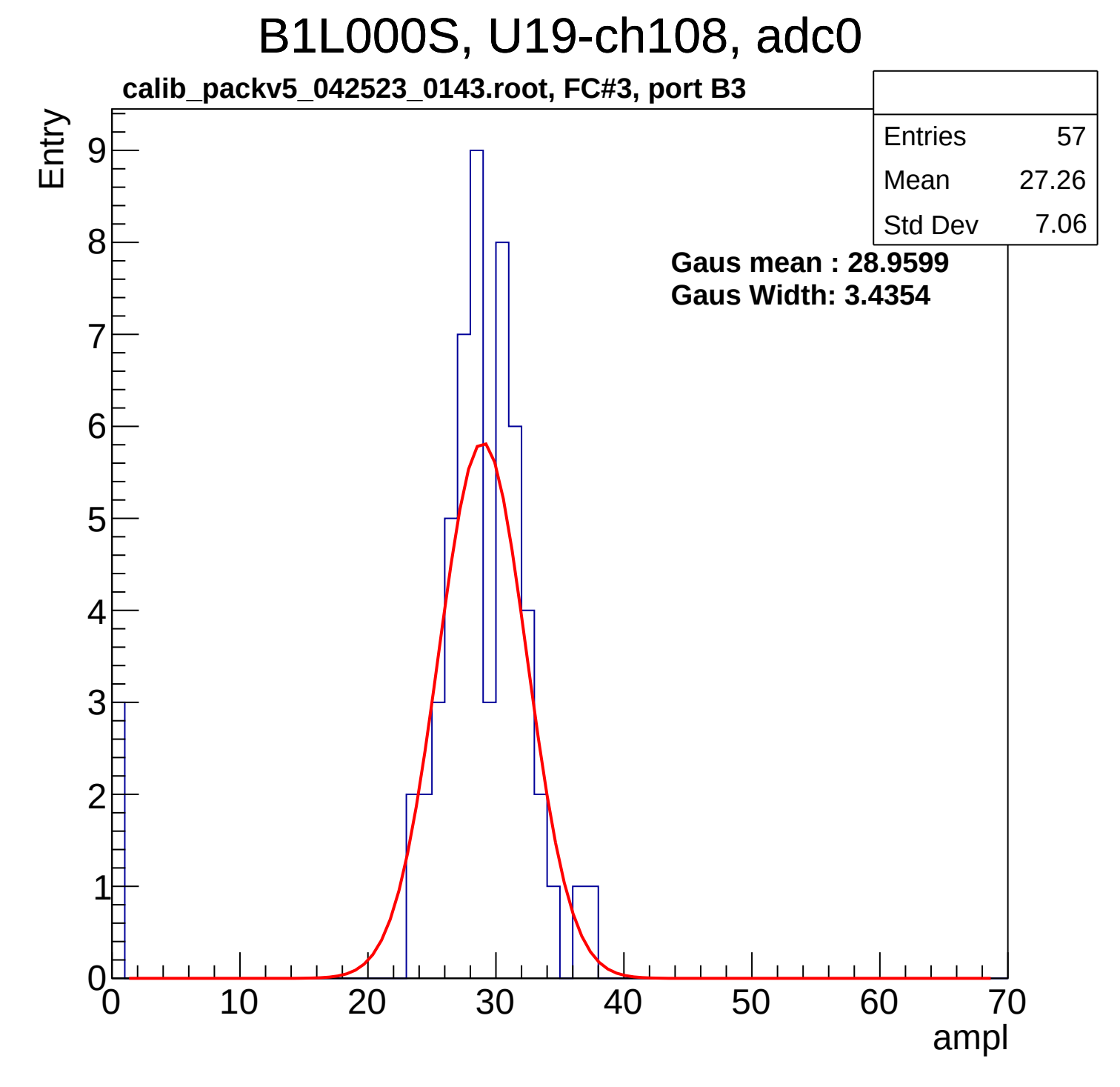
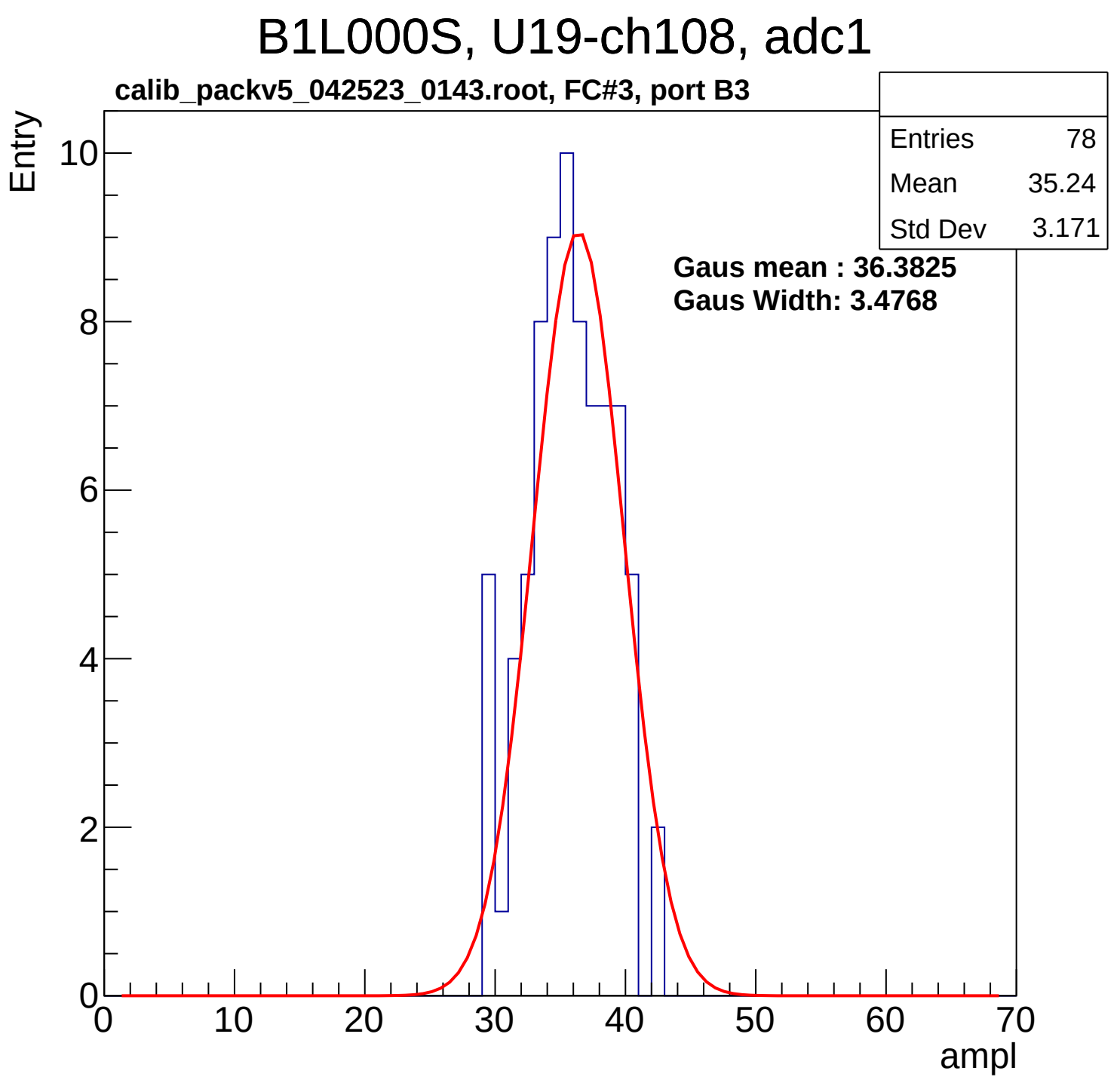
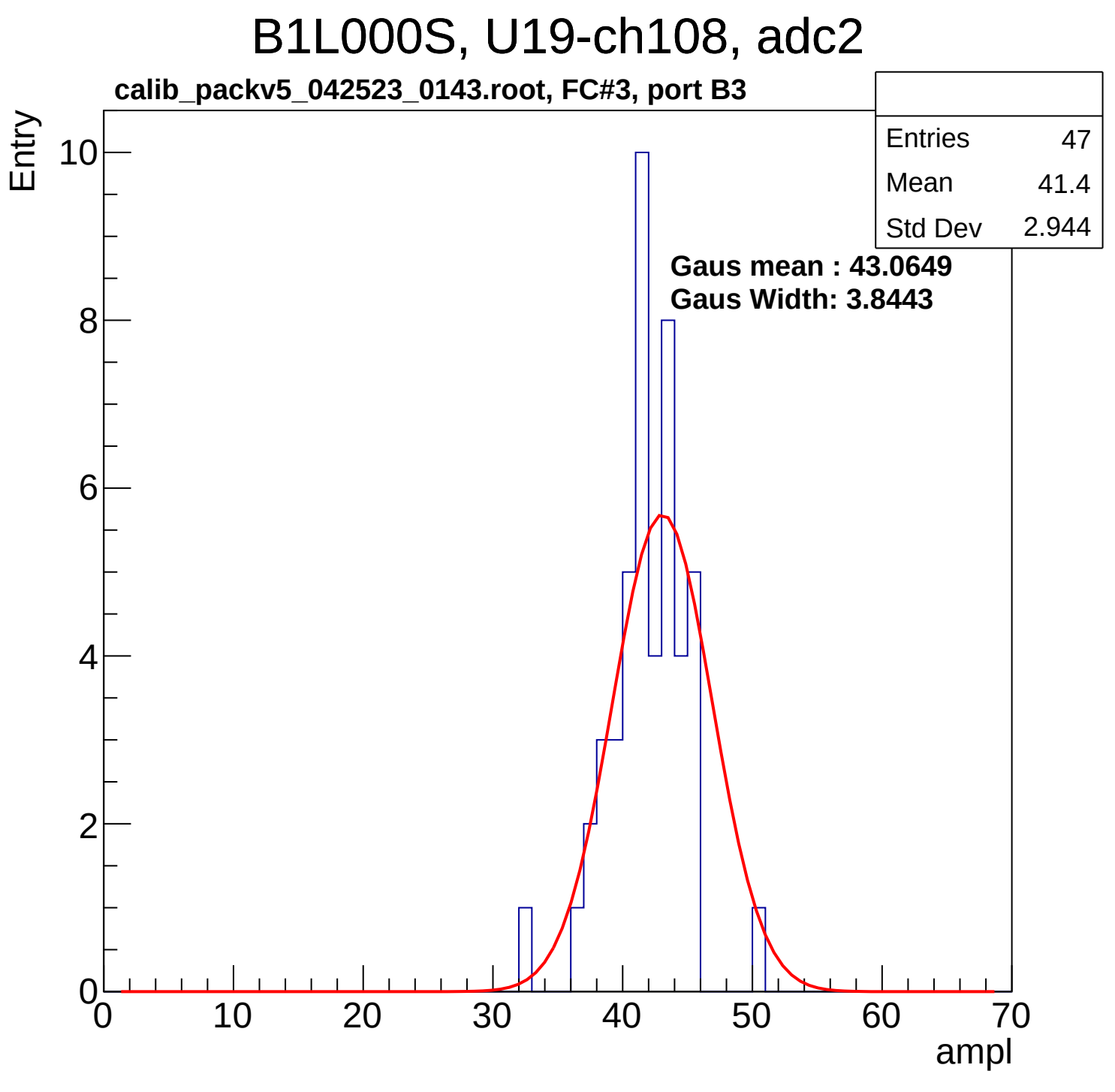
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

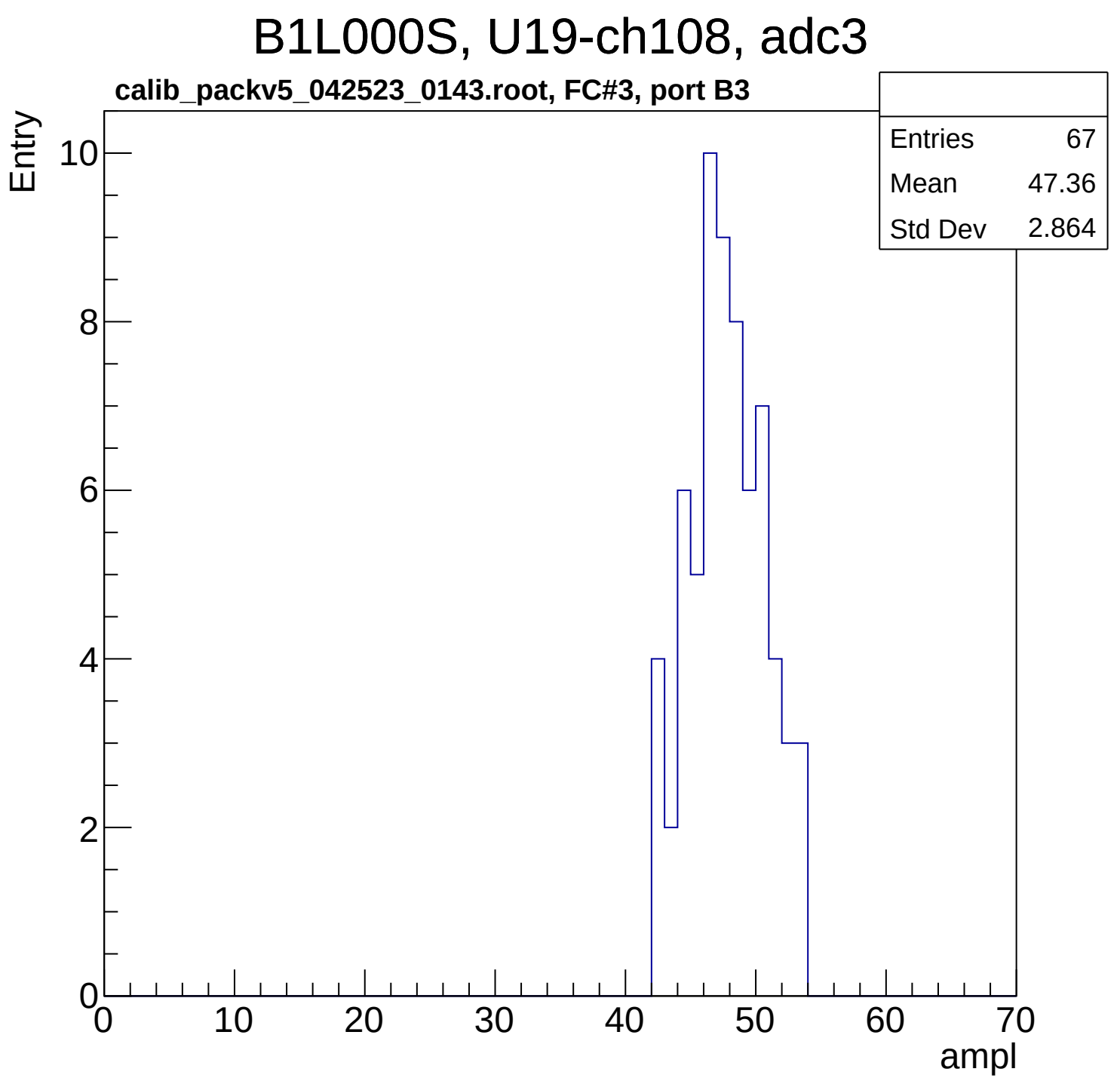

B1L000S, U19-ch107, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 62.4
Std Dev 0.4899
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

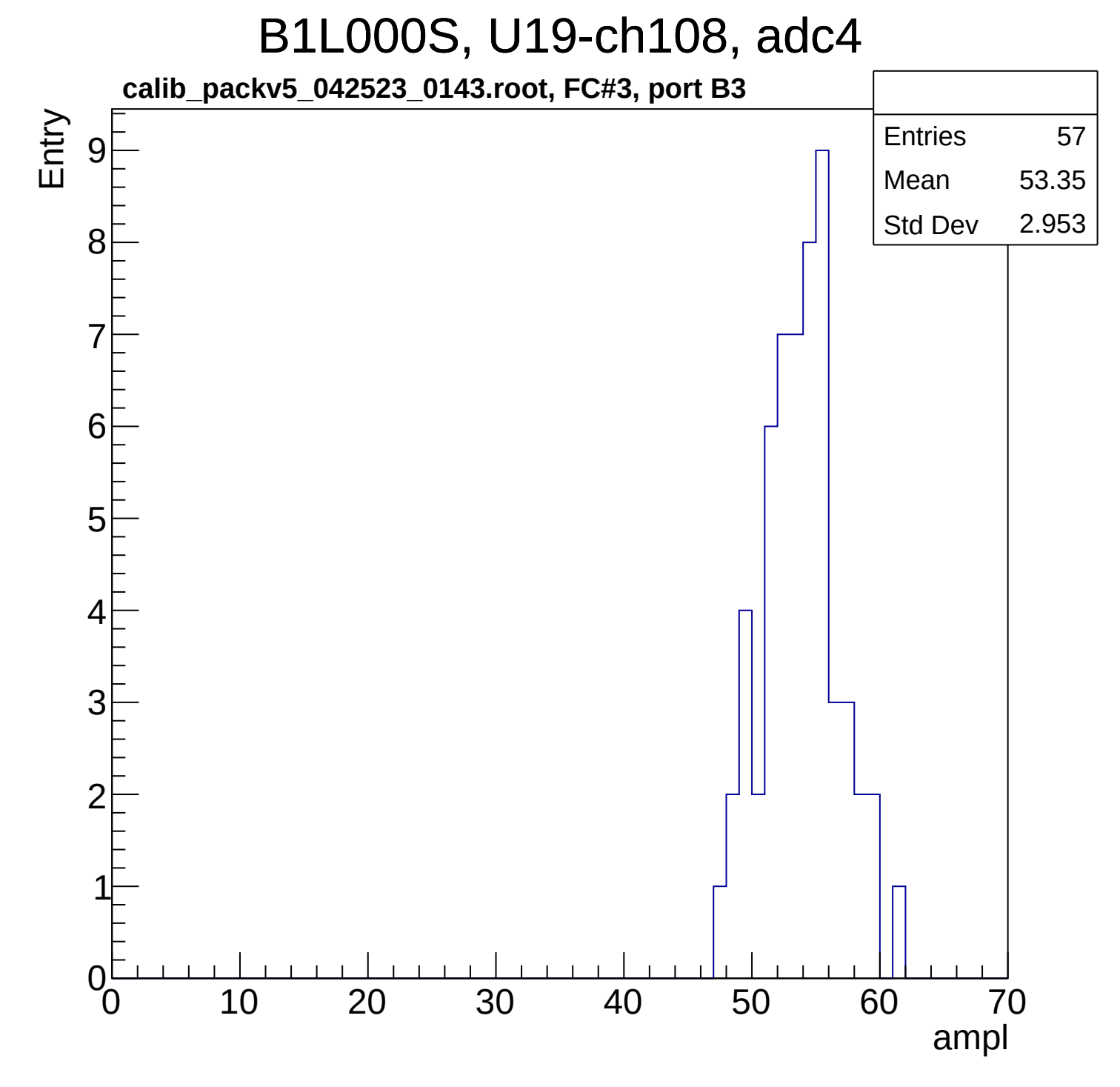

B1L000S, U19-ch107, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 20
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch108, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 27.26
Std Dev 7.06
Gaus mean : 28.9599
Gaus Width: 3.4354
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch108, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 35.24
Std Dev 3.171
Gaus mean : 36.3825
Gaus Width: 3.4768
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch108, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 41.4
Std Dev 2.944
Gaus mean : 43.0649
Gaus Width: 3.8443
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch108, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 47.36
Std Dev 2.864
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch108, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 53.35
Std Dev 2.953
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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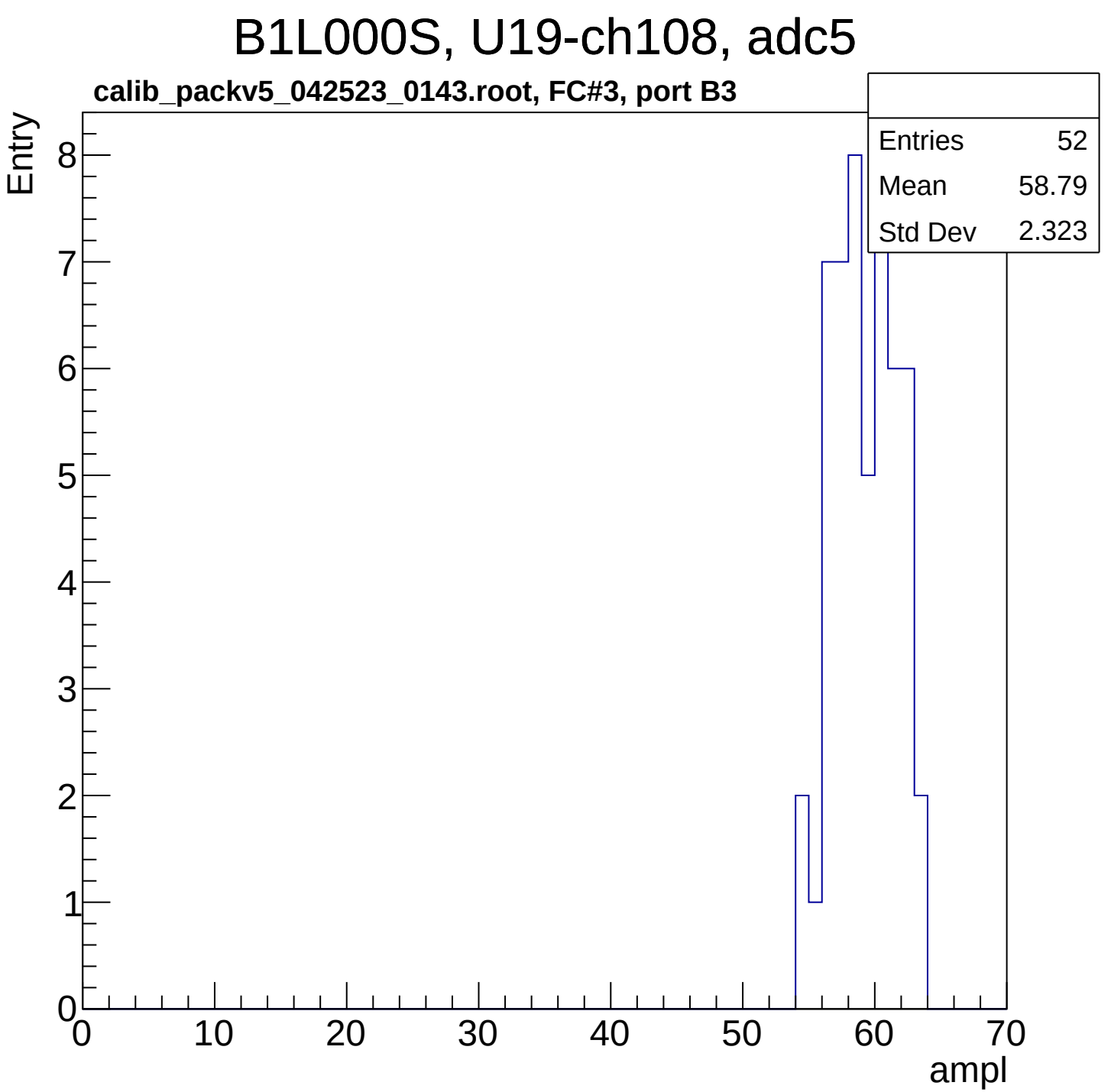
B1L000S, U19-ch108, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 58.79
Std Dev 2.323
Entry
ampl
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1
2
3
4
5
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7
8
0
10
20
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40
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60
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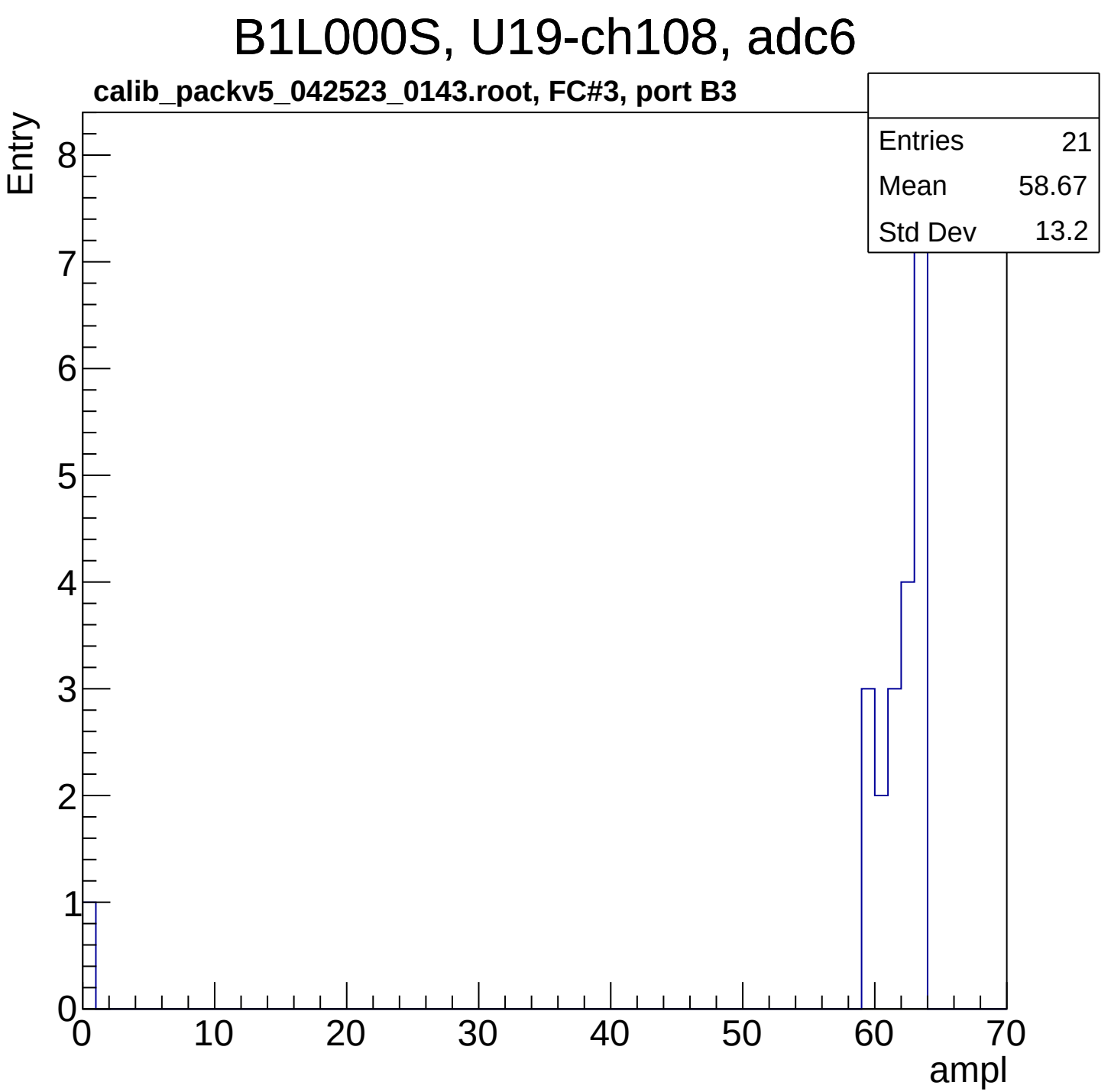
B1L000S, U19-ch108, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 21
Mean 58.67
Std Dev 13.2
Entry
ampl
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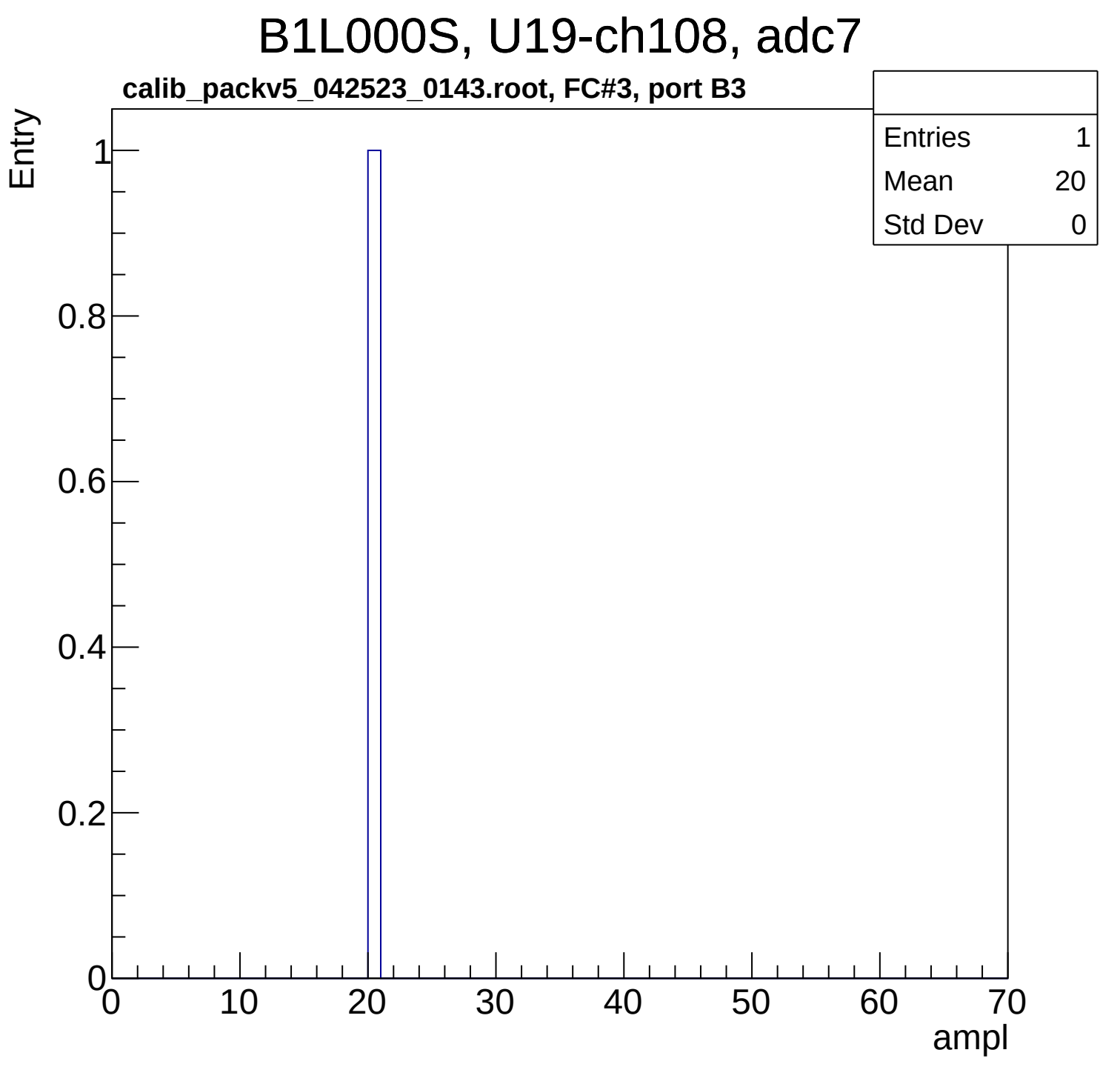
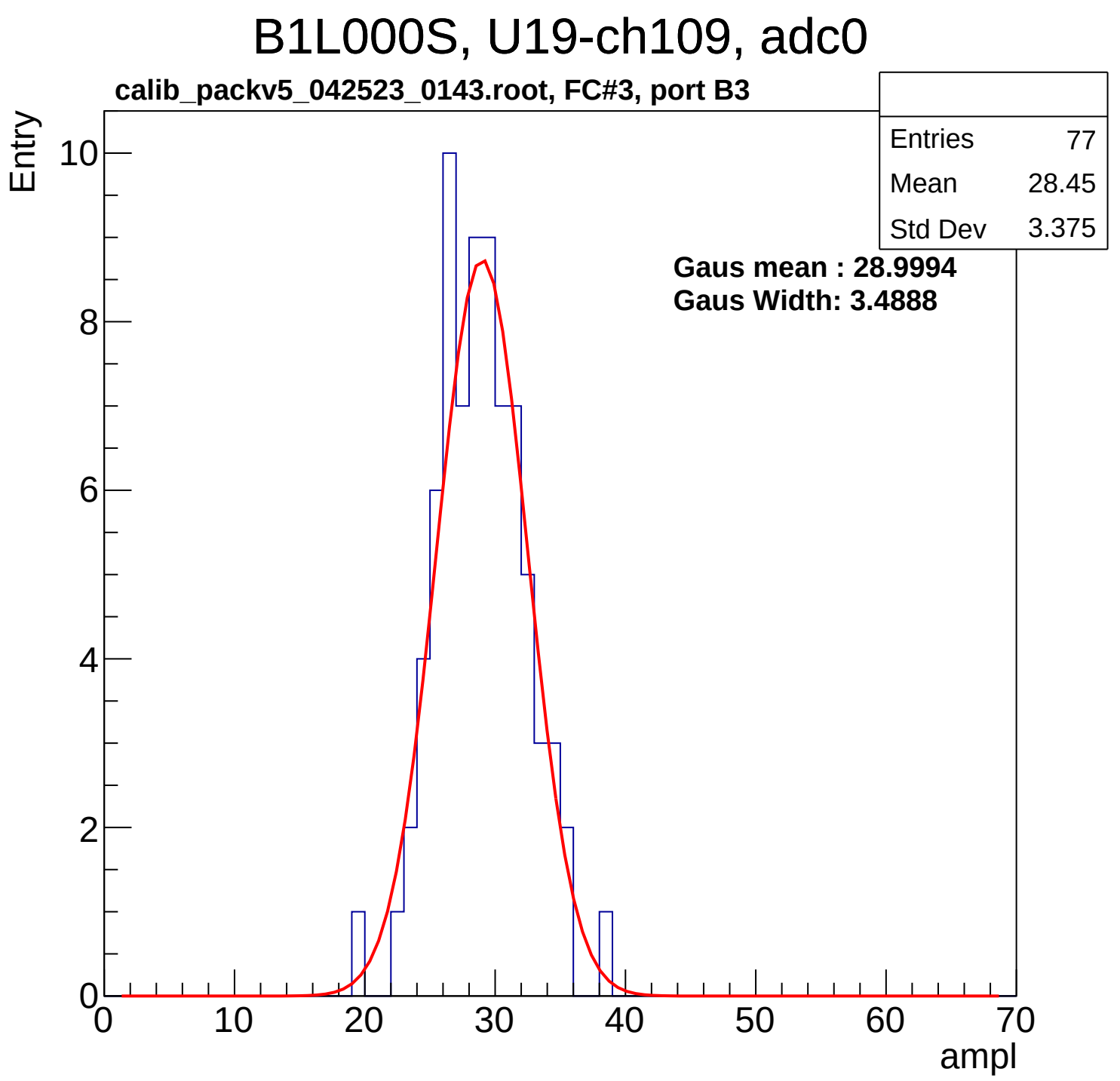
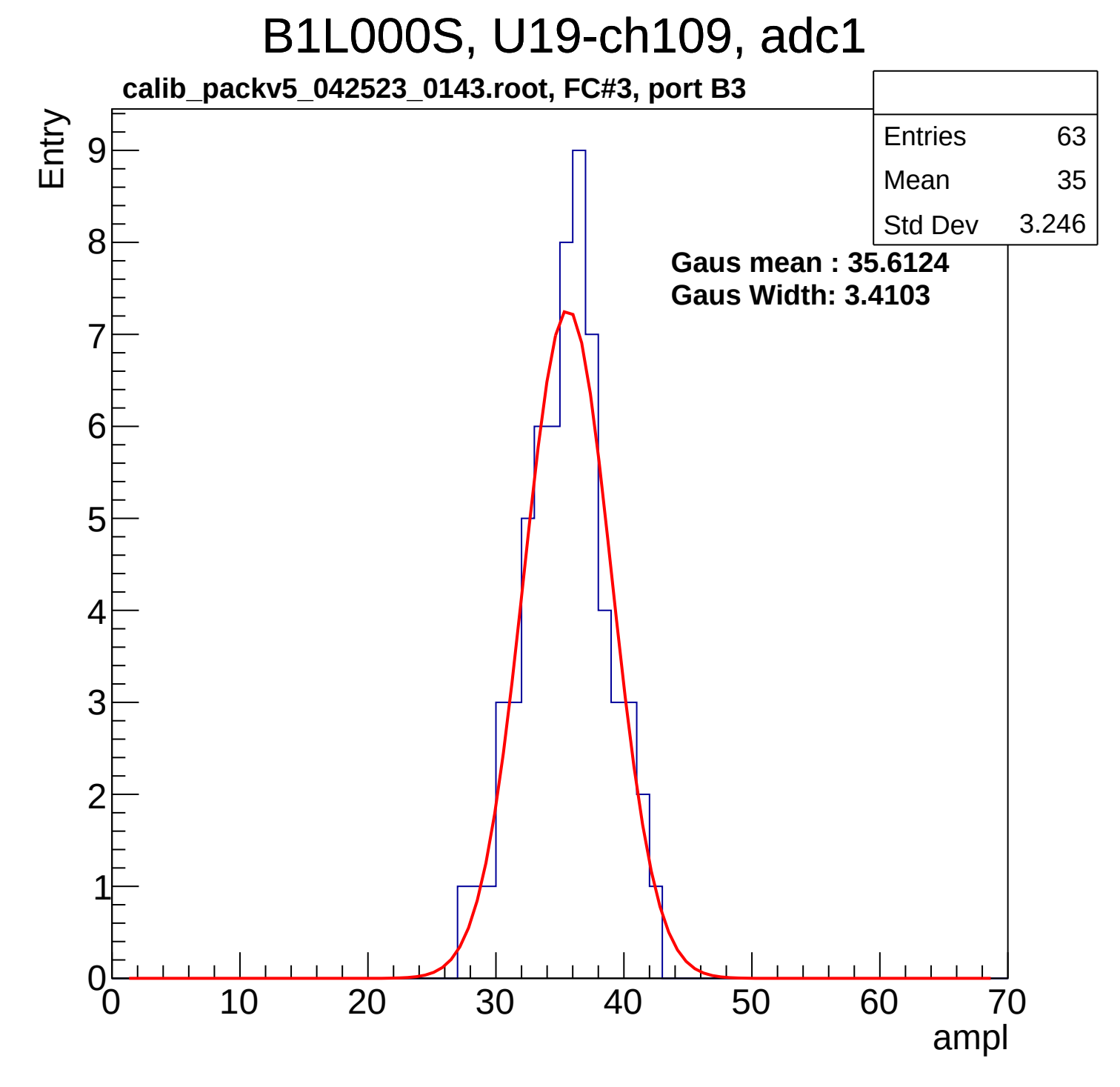
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch108, 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, U19-ch109, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 28.45
Std Dev 3.375
Gaus mean : 28.9994
Gaus Width: 3.4888
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch109, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 35
Std Dev 3.246
Gaus mean : 35.6124
Gaus Width: 3.4103
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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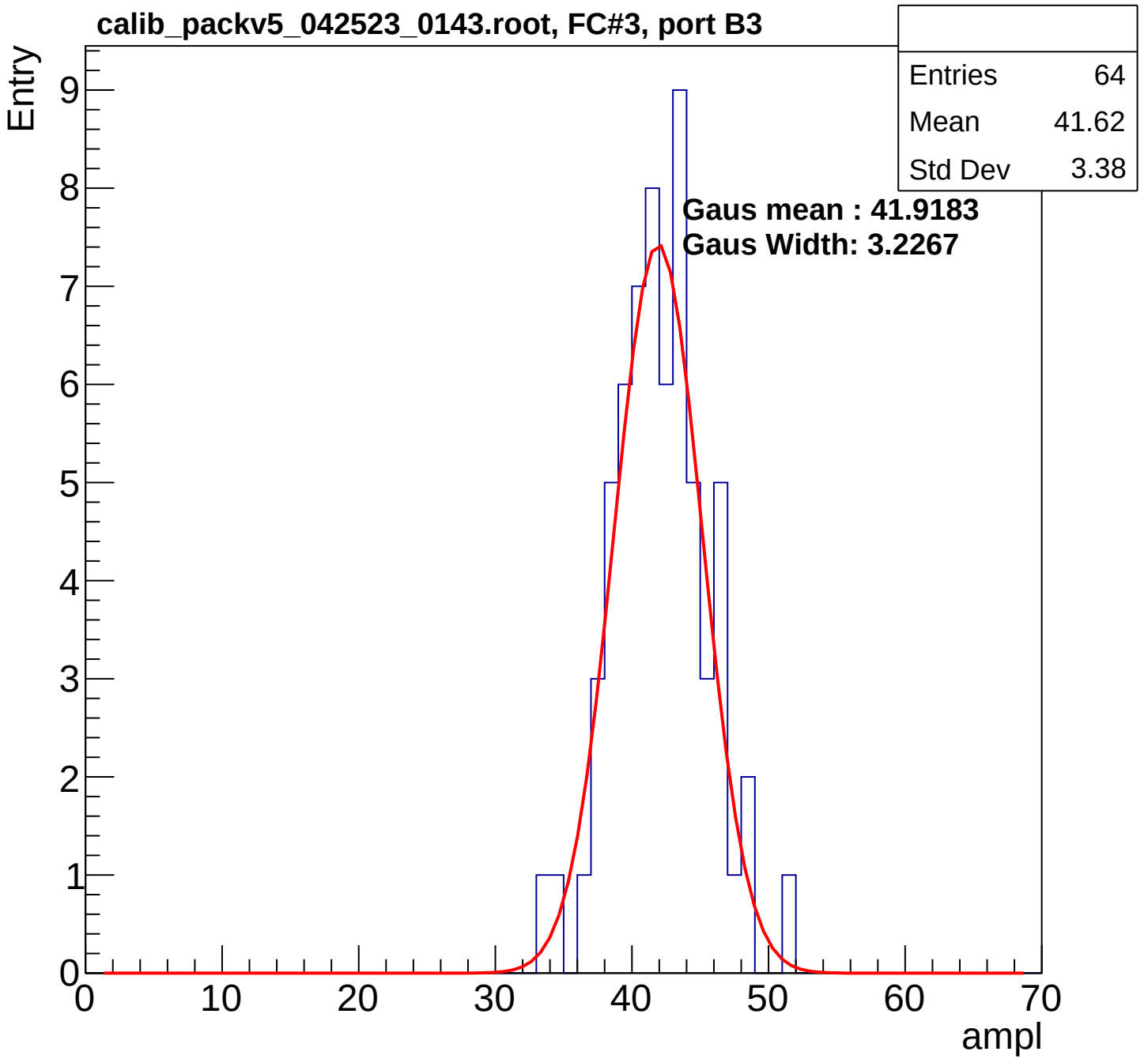
B1L000S, U19-ch109, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 41.62
Std Dev 3.38
Gaus mean : 41.9183
Gaus Width: 3.2267
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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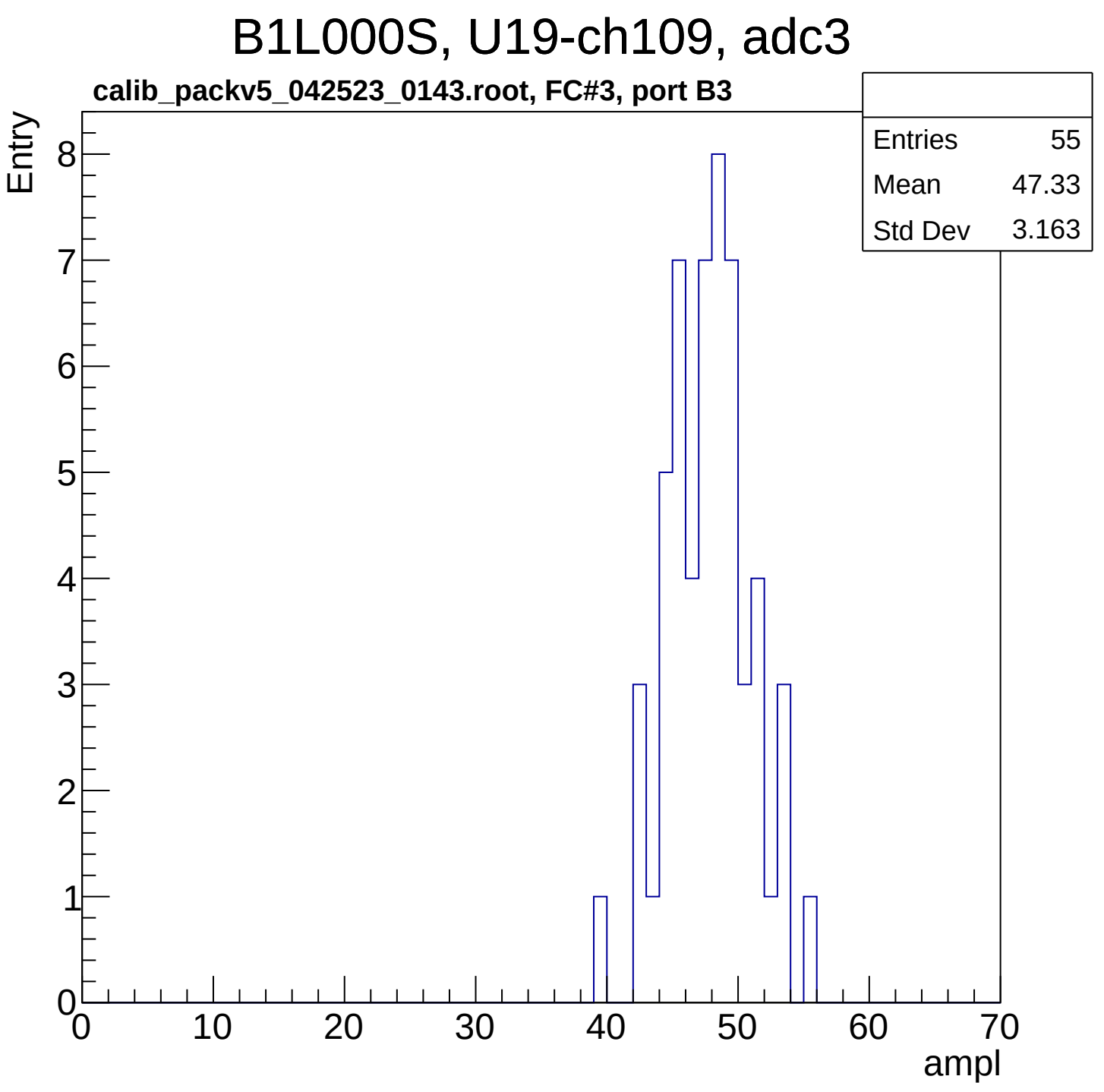
B1L000S, U19-ch109, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 47.33
Std Dev 3.163
Entry
ampl
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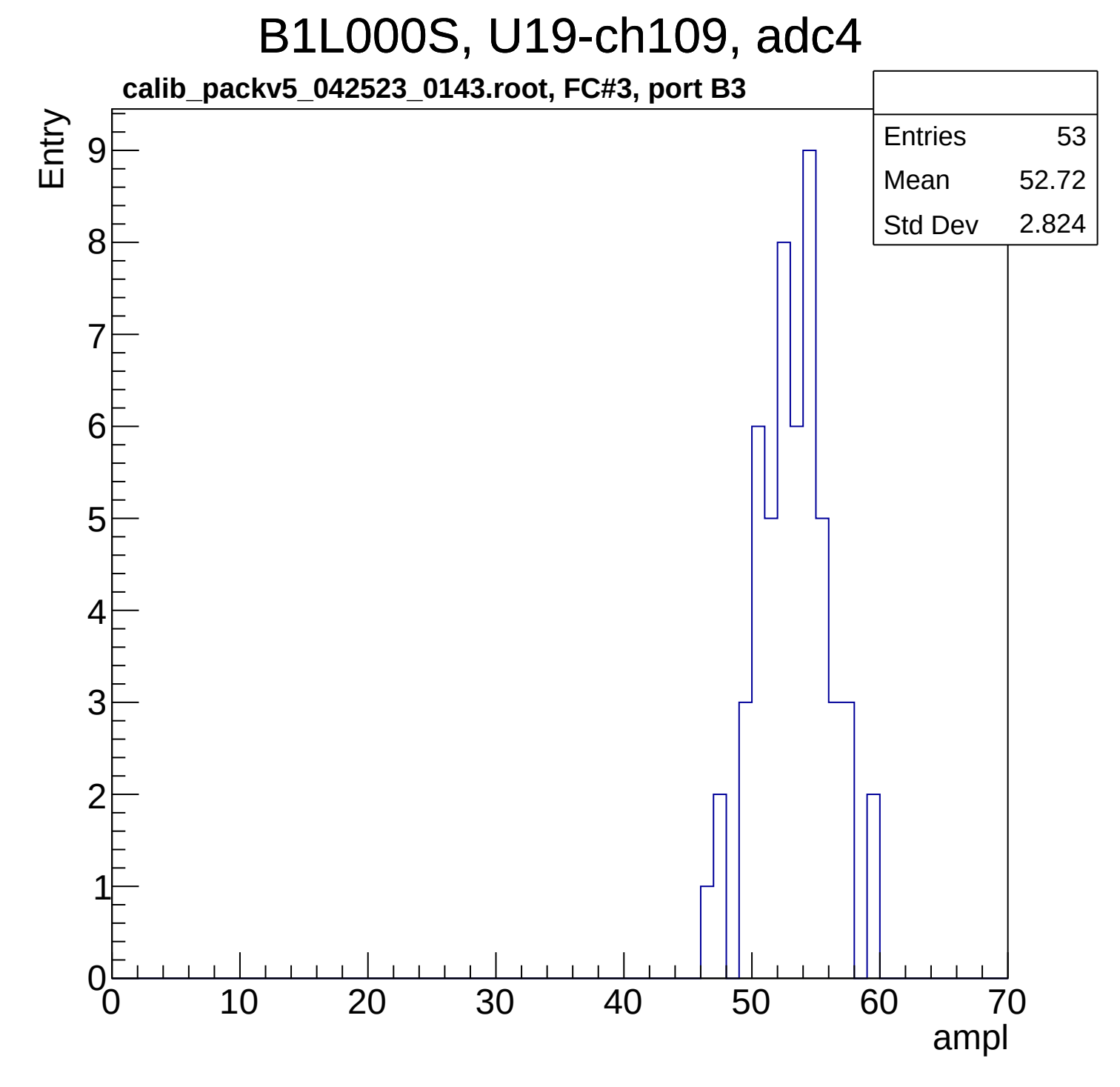
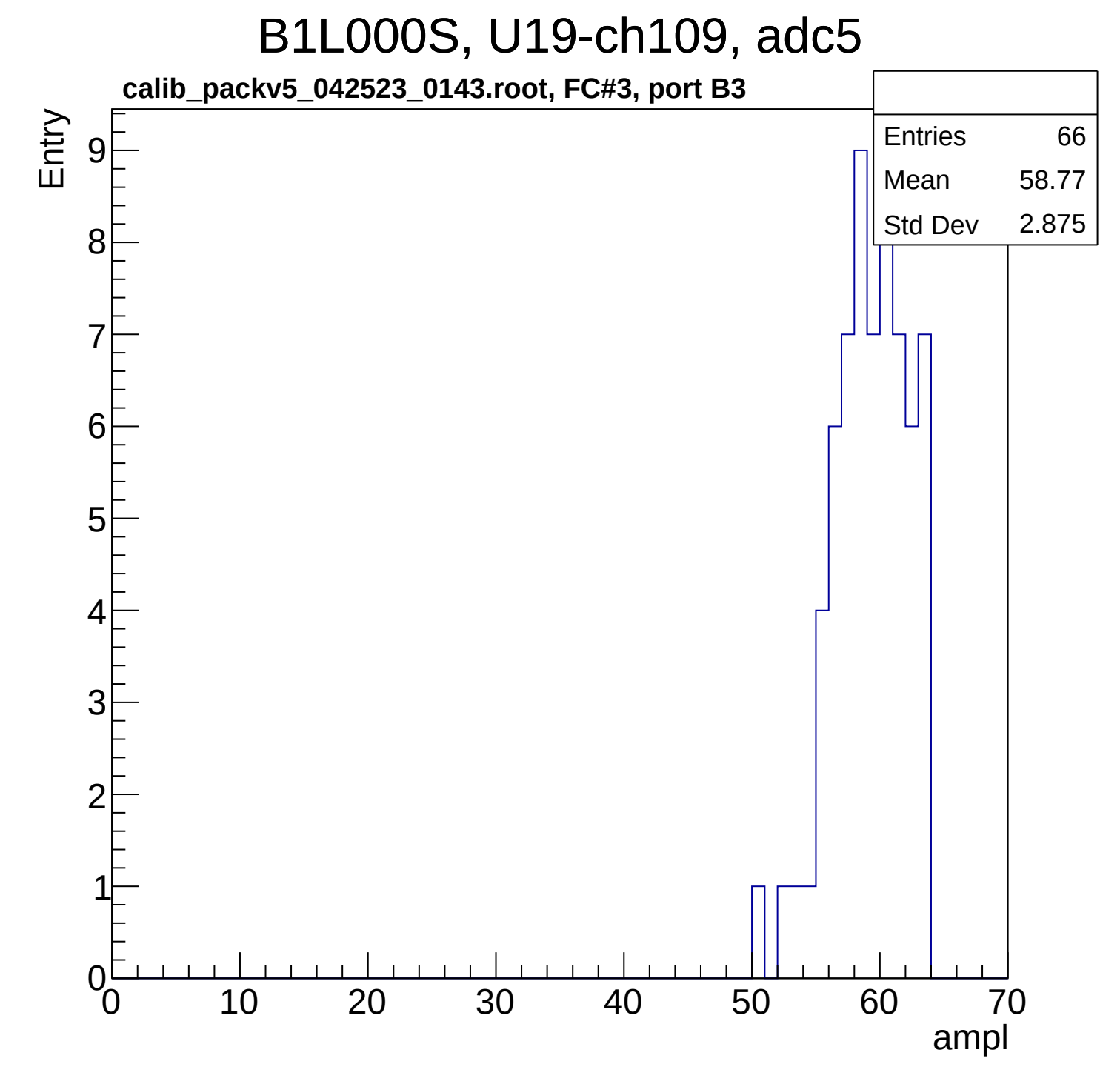
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch109, 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
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch109, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 58.77
Std Dev 2.875
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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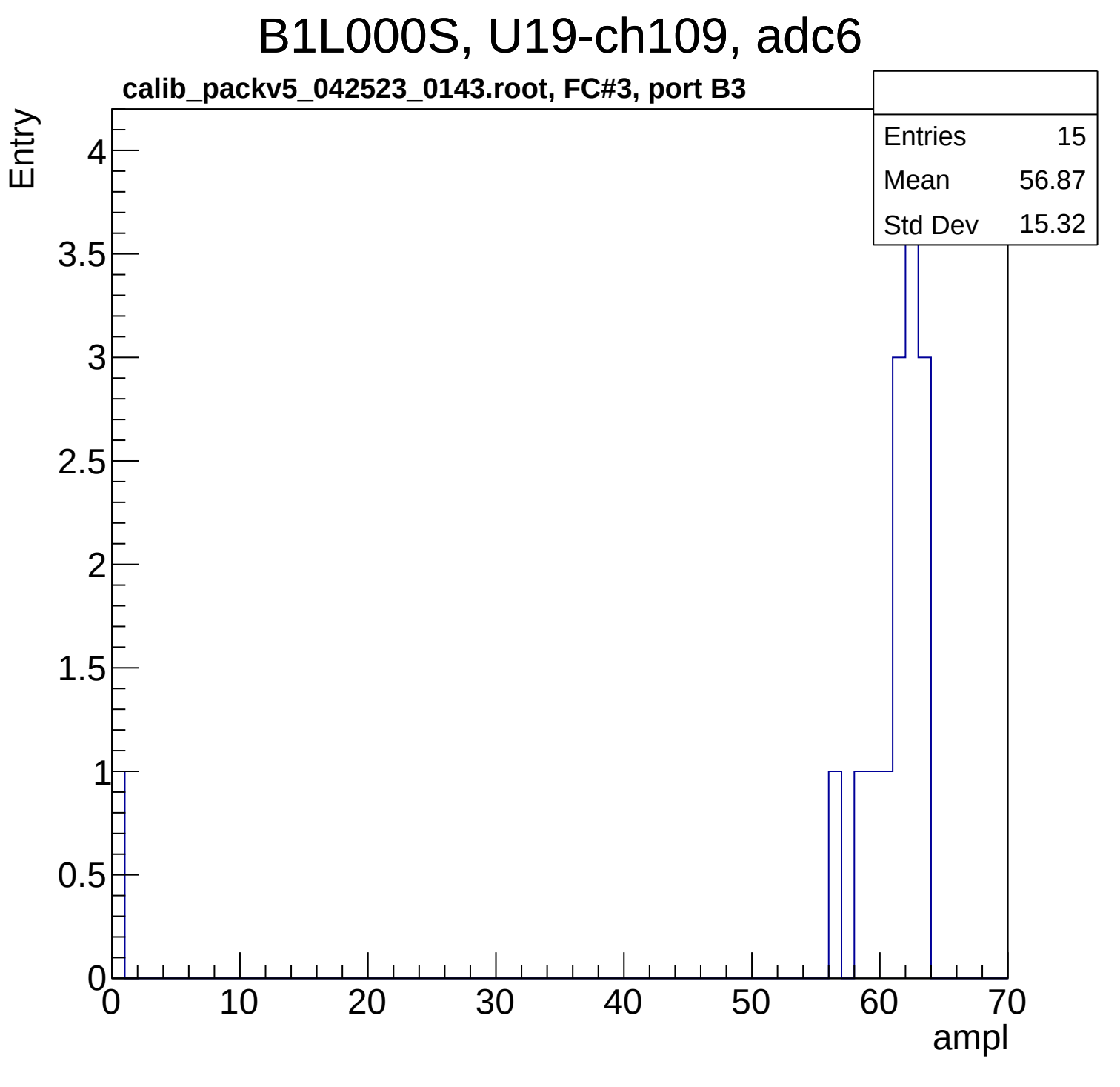
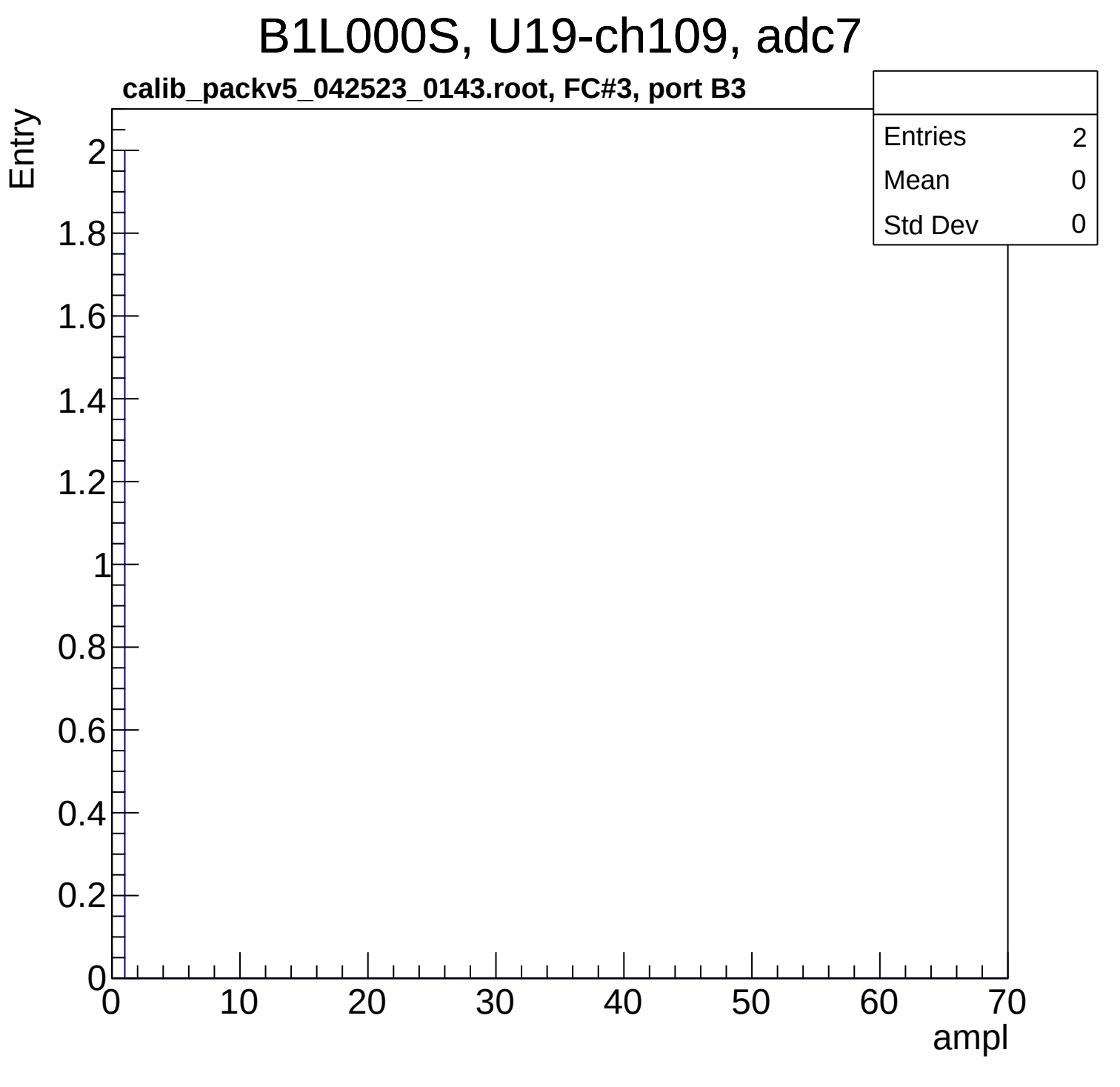
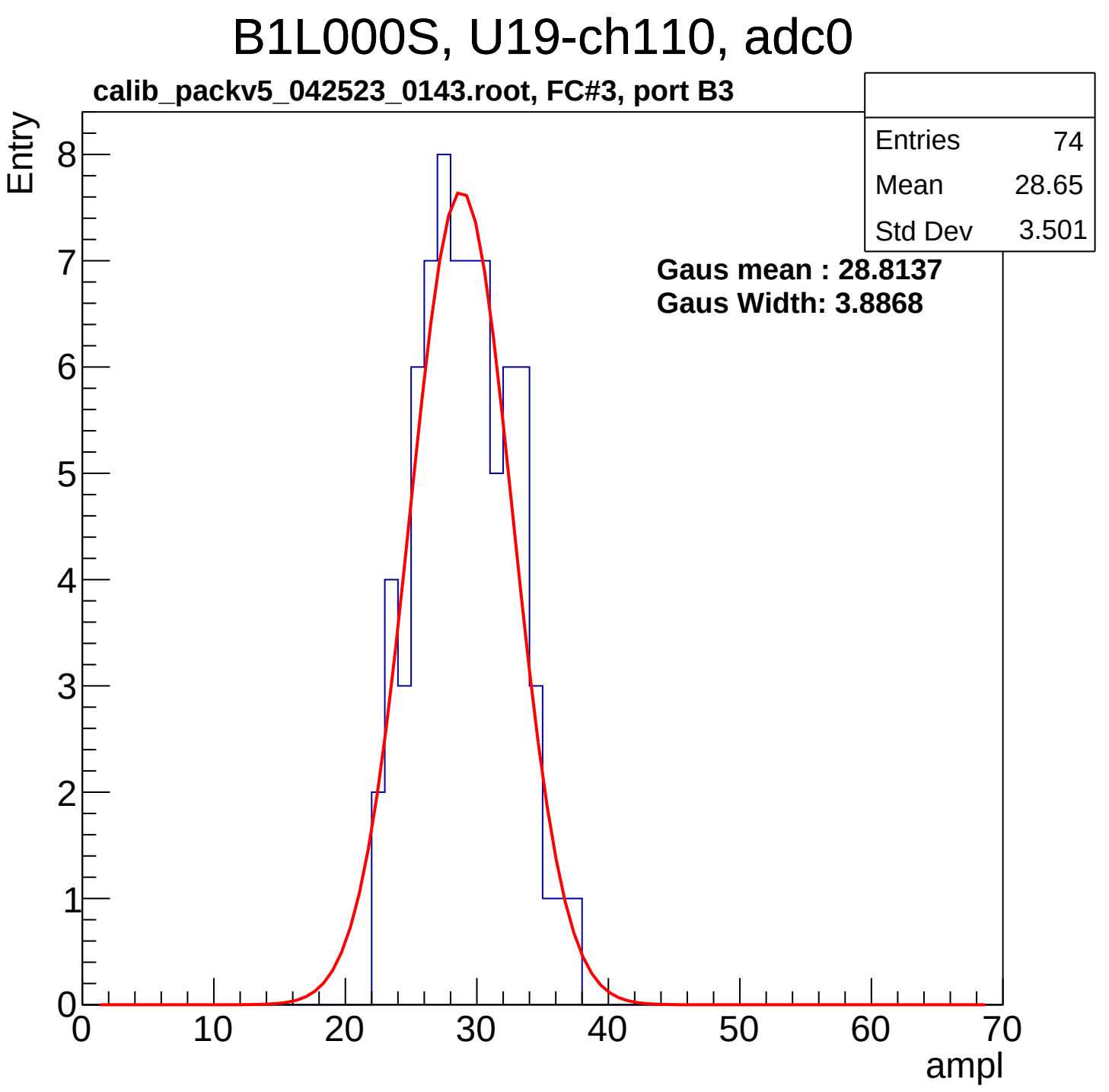
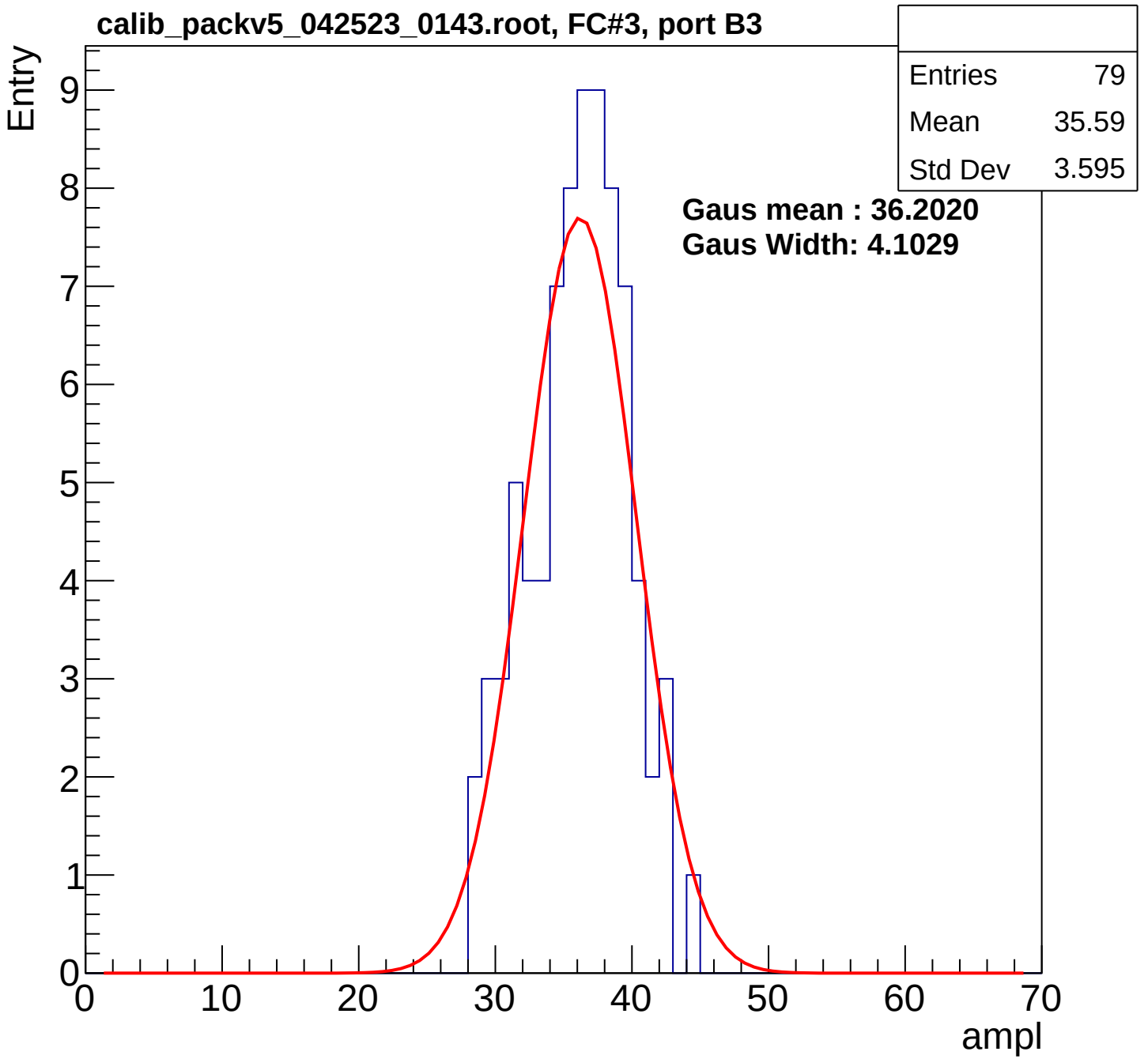
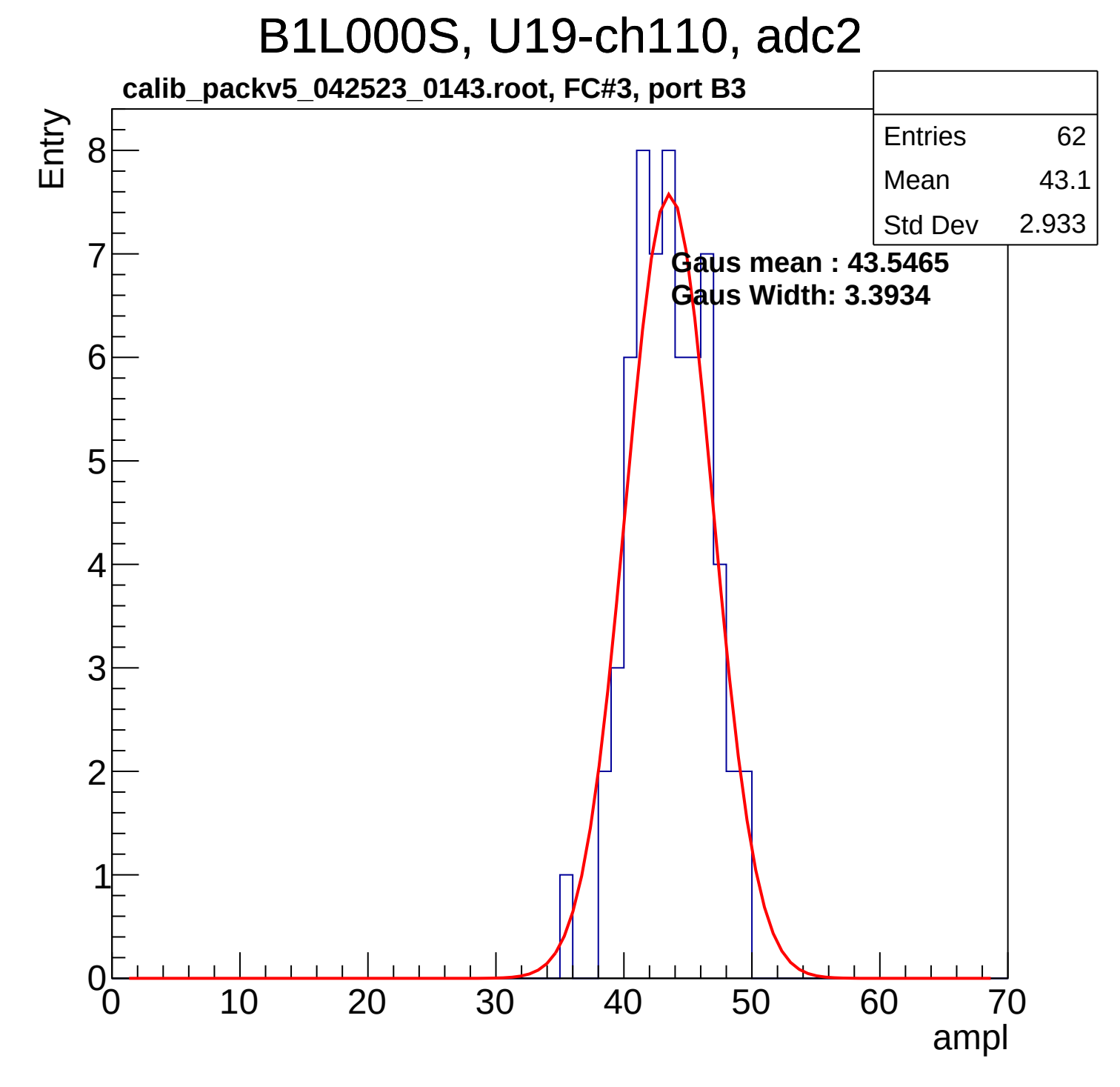

B1L000S, U19-ch109, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 56.87
Std Dev 15.32
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U19-ch109, 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, U19-ch110, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 28.65
Std Dev 3.501
Gaus mean : 28.8137
Gaus Width: 3.8868
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch110, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 35.59
Std Dev 3.595
Gaus mean : 36.2020
Gaus Width: 4.1029
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch110, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 43.1
Std Dev 2.933
Gaus mean : 43.5465
Gaus Width: 3.3934
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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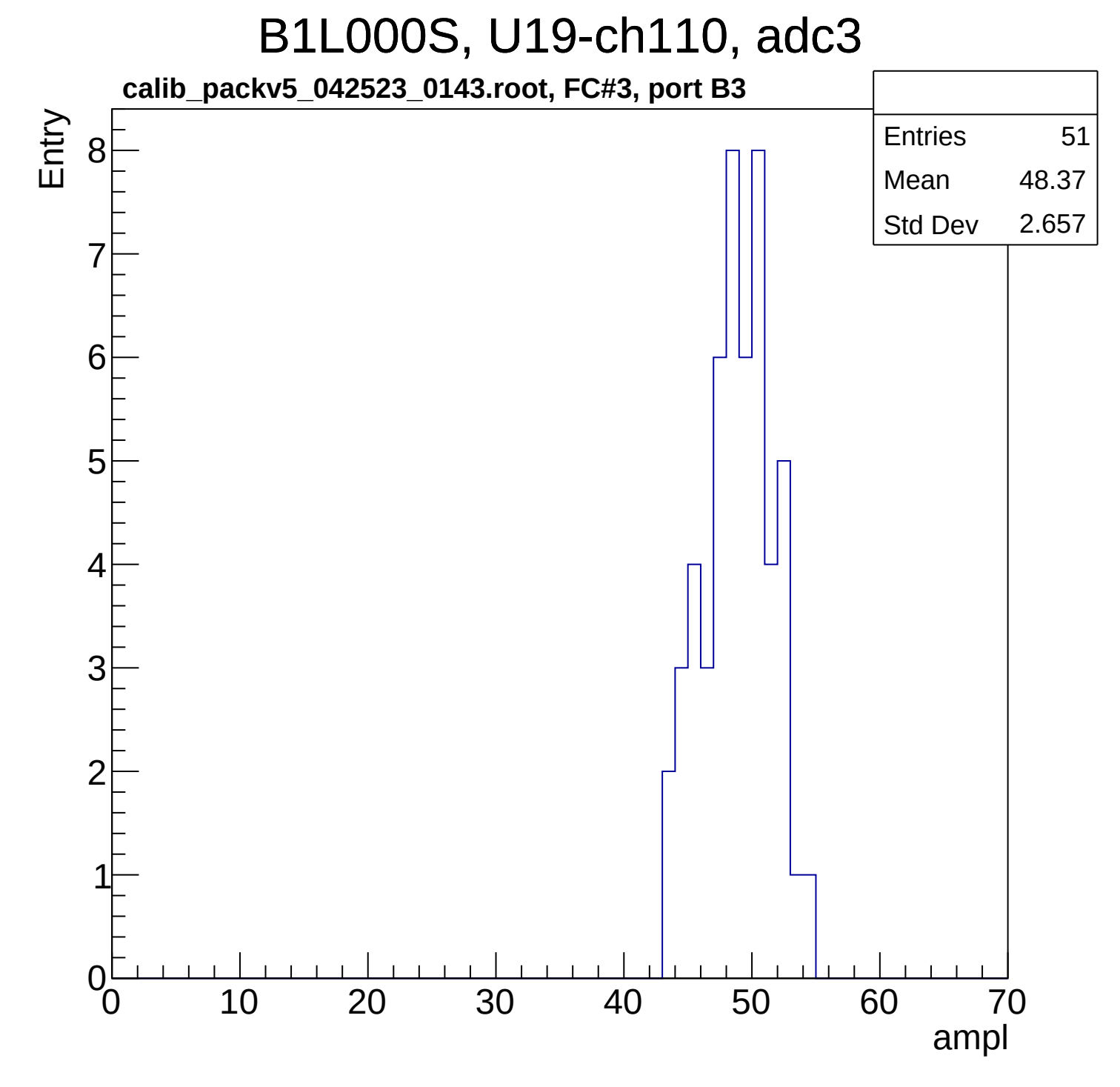
B1L000S, U19-ch110, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 48.37
Std Dev 2.657
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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40
50
60
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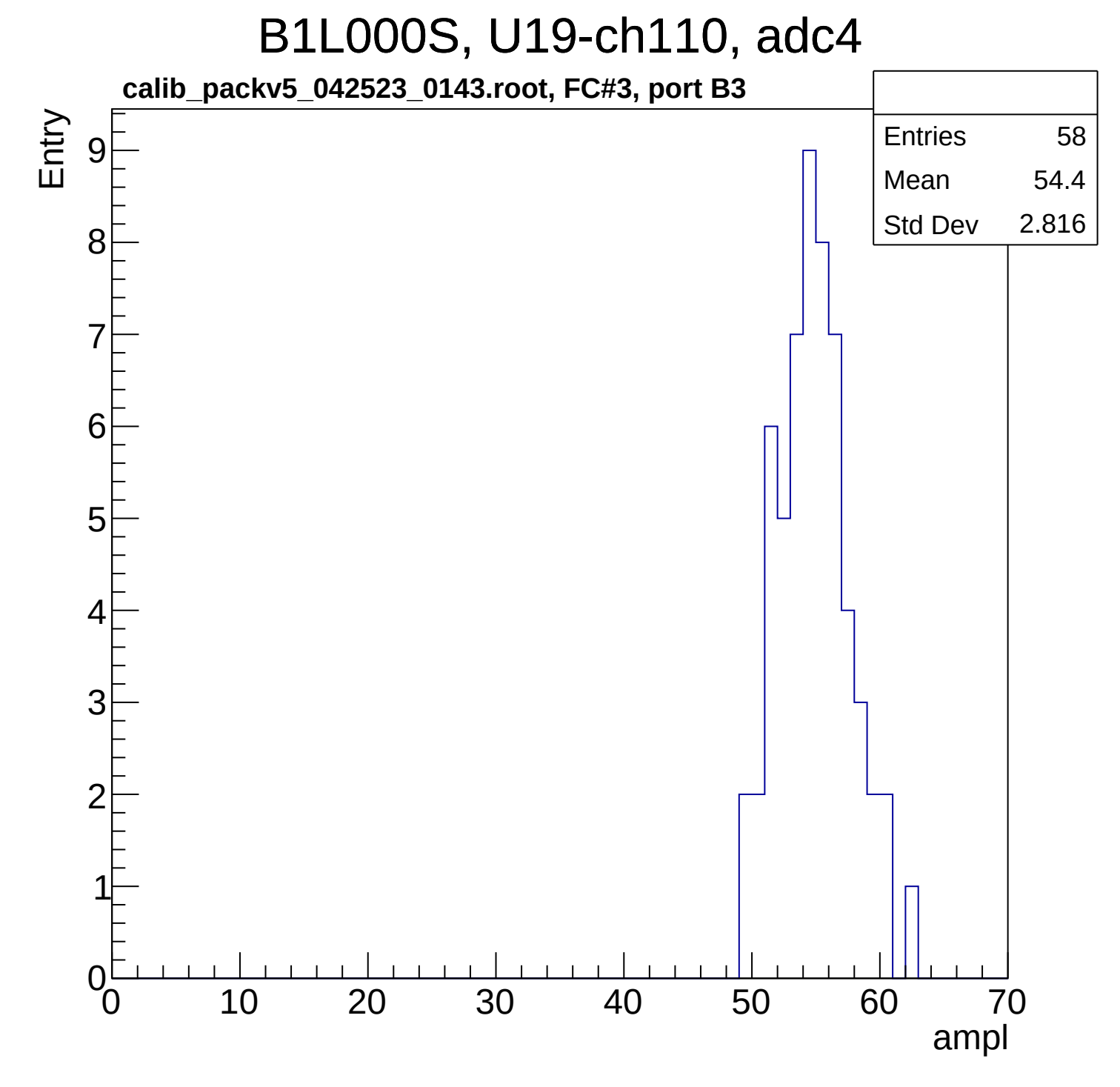
B1L000S, U19-ch110, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 54.4
Std Dev 2.816
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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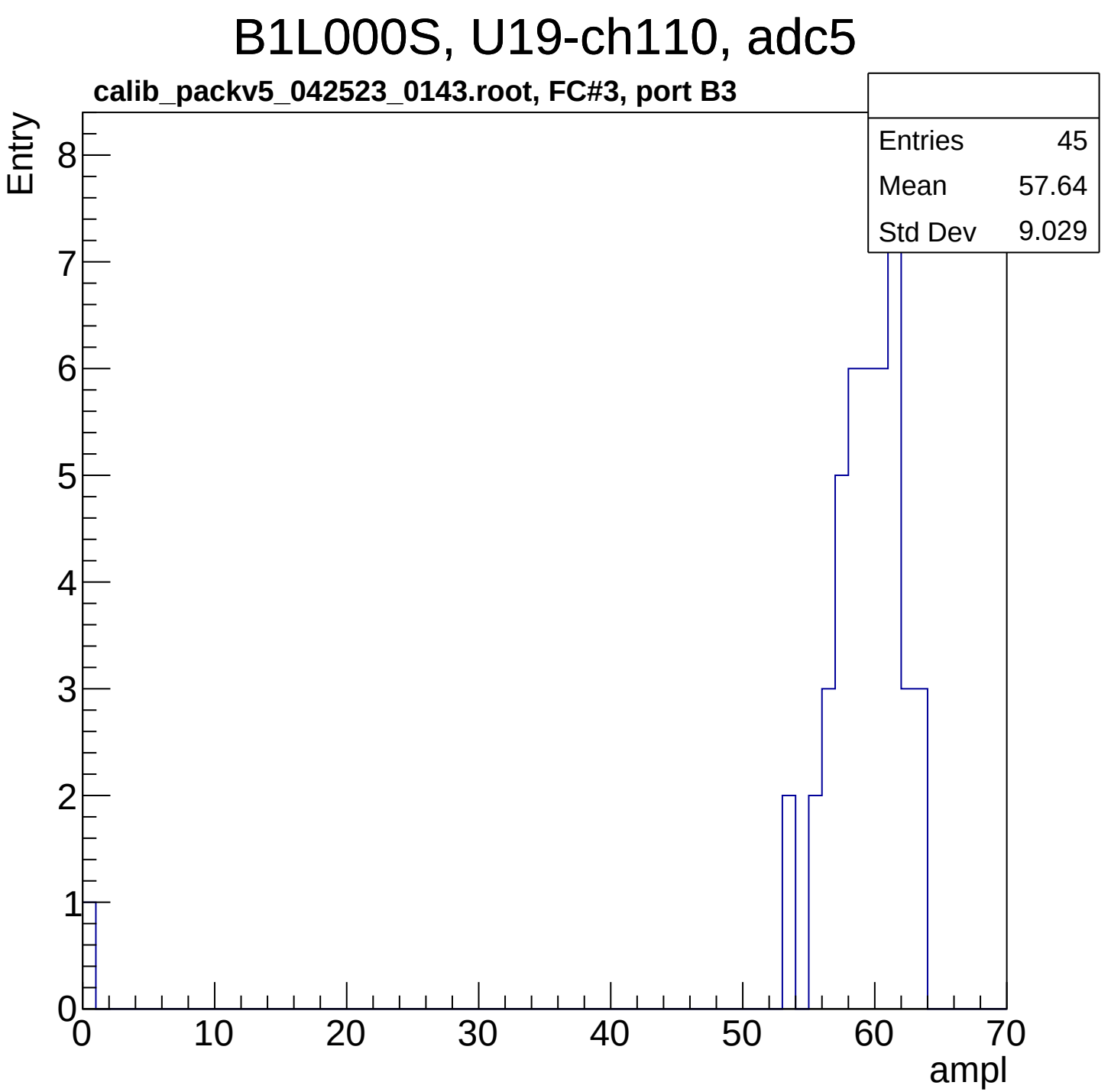
B1L000S, U19-ch110, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 57.64
Std Dev 9.029
Entry
ampl
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1
2
3
4
5
6
7
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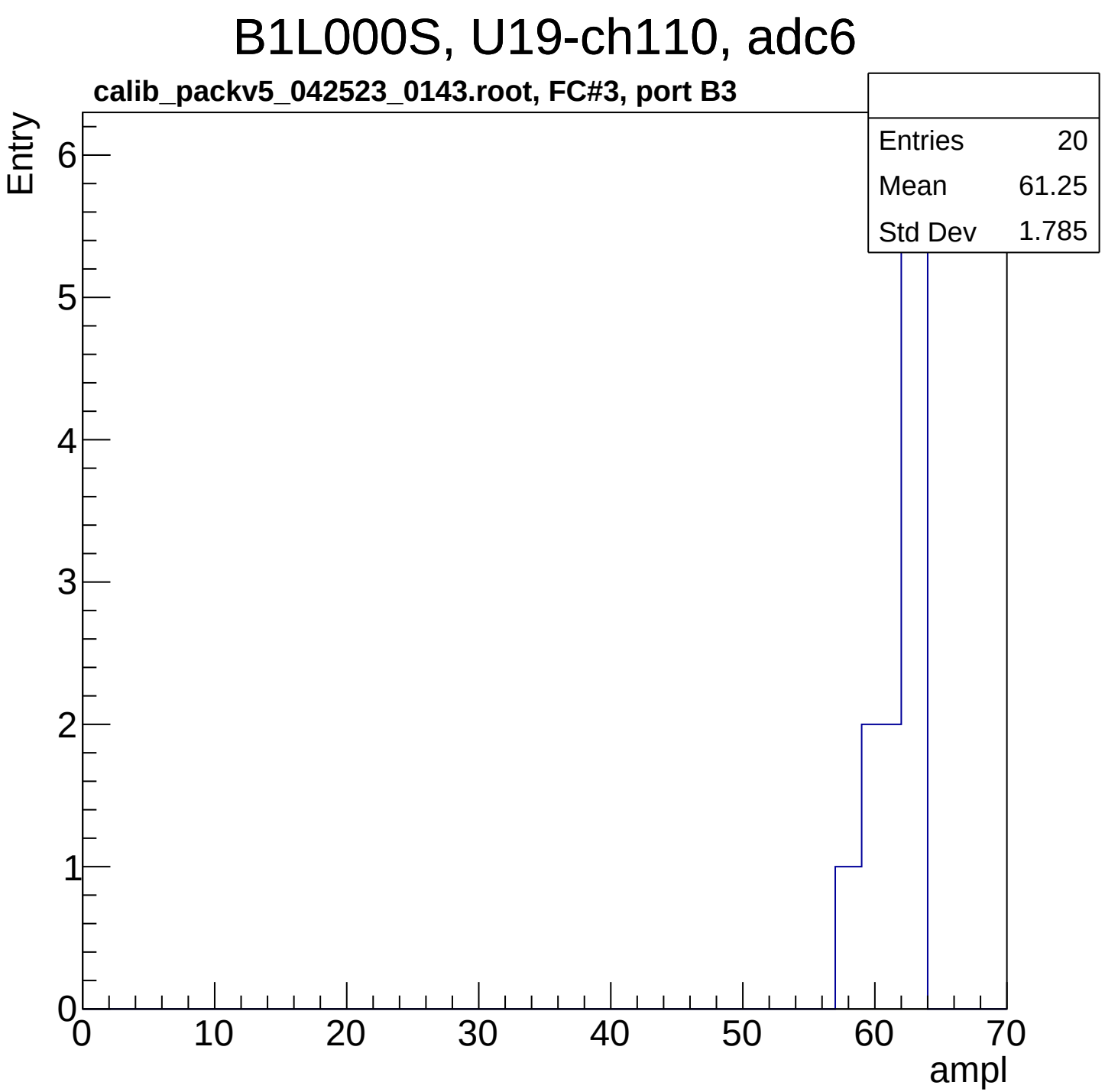
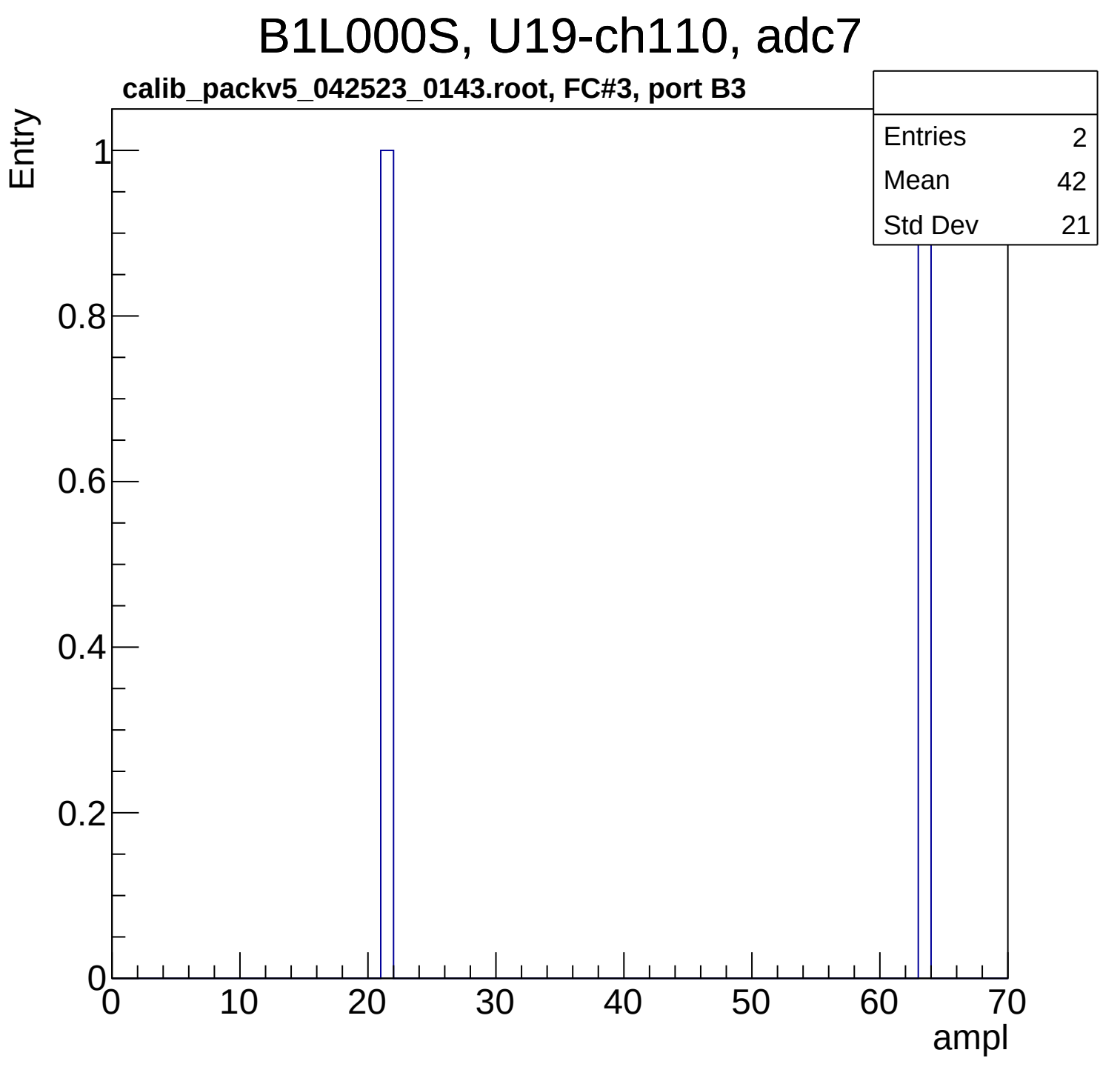
0
10
20
30
40
50
60
70


B1L000S, U19-ch110, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 20
Mean 61.25
Std Dev 1.785
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch110, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 42
Std Dev 21
Entry
ampl
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0.2
0.4
0.6
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0
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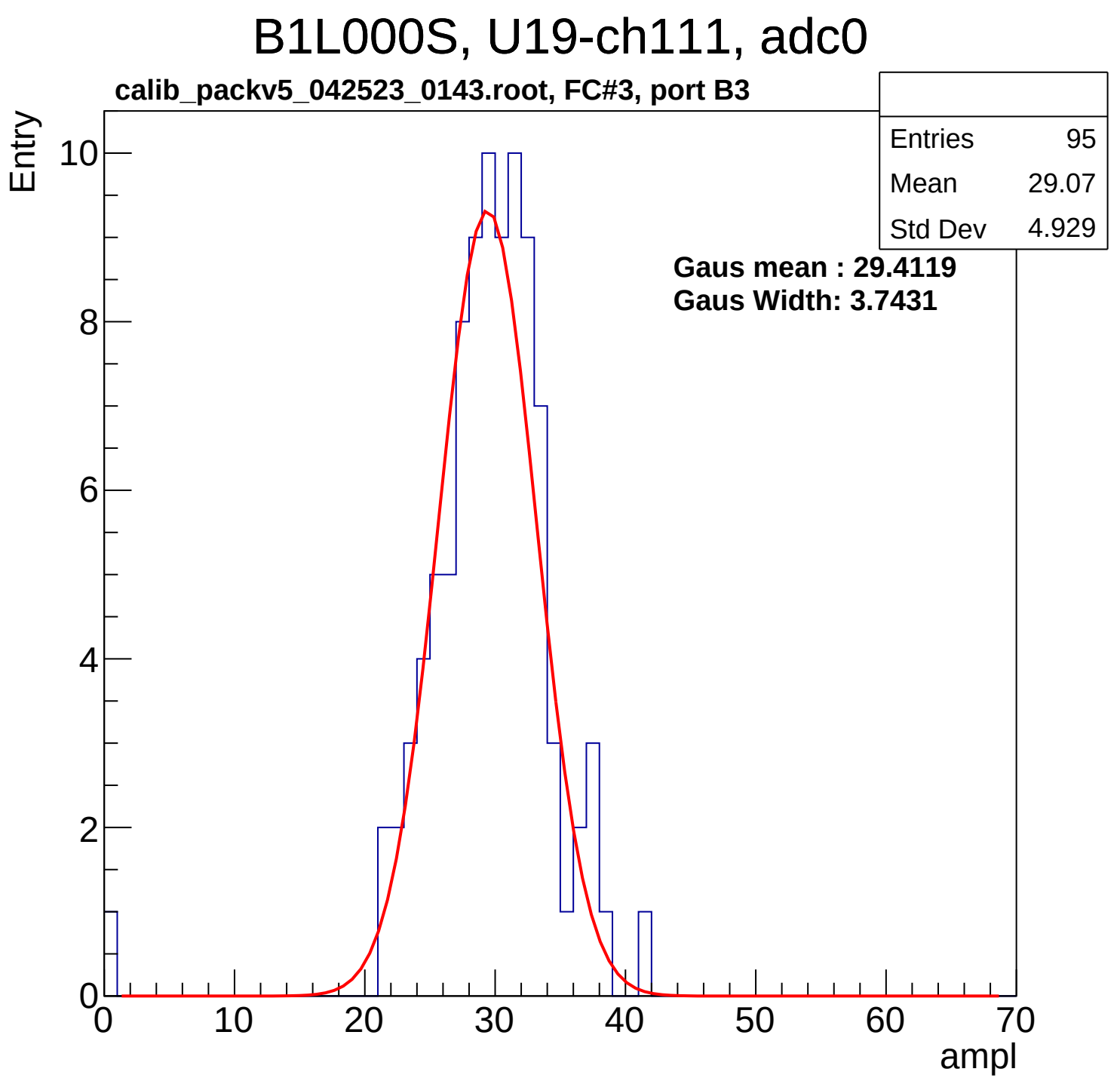
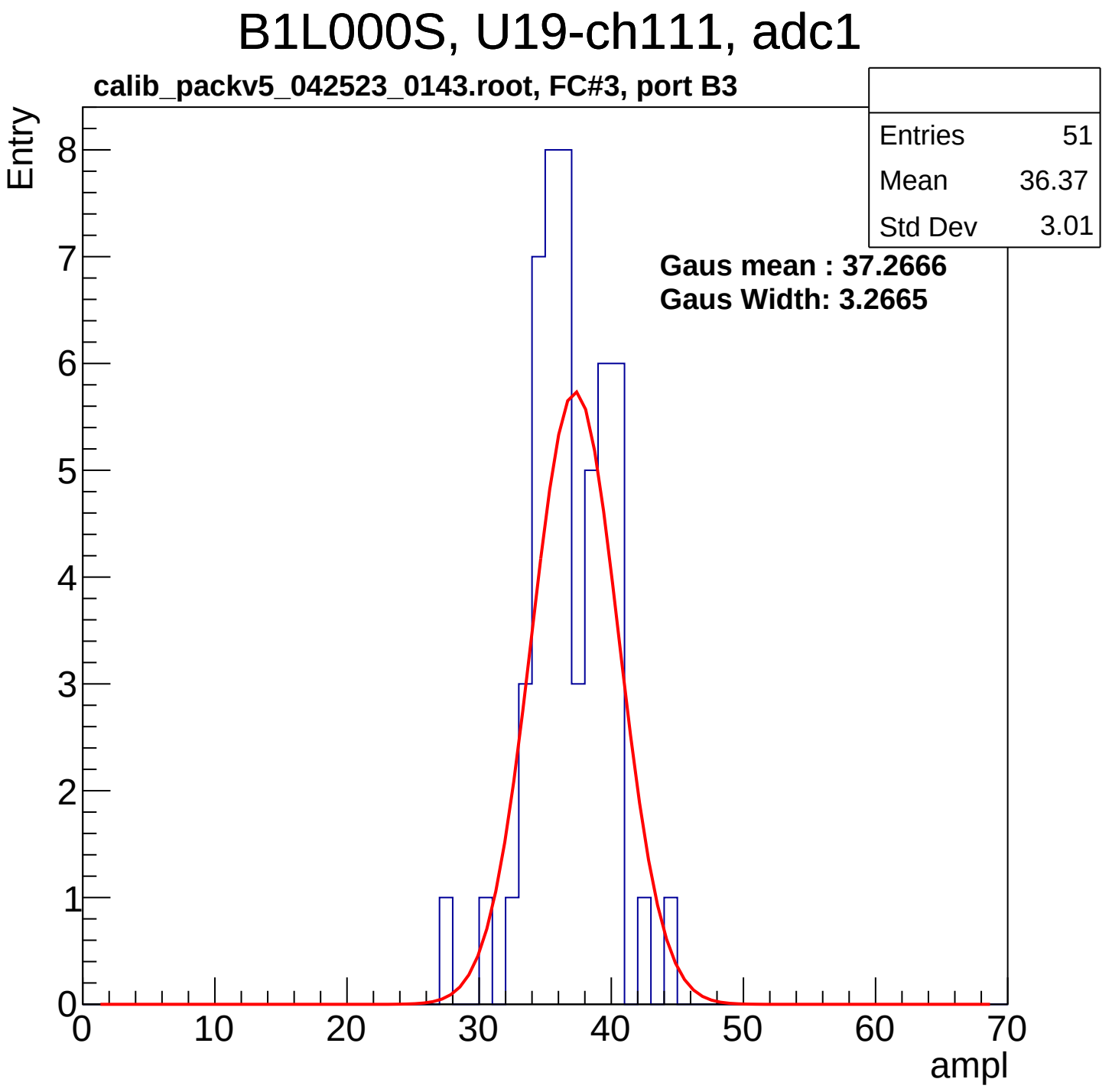
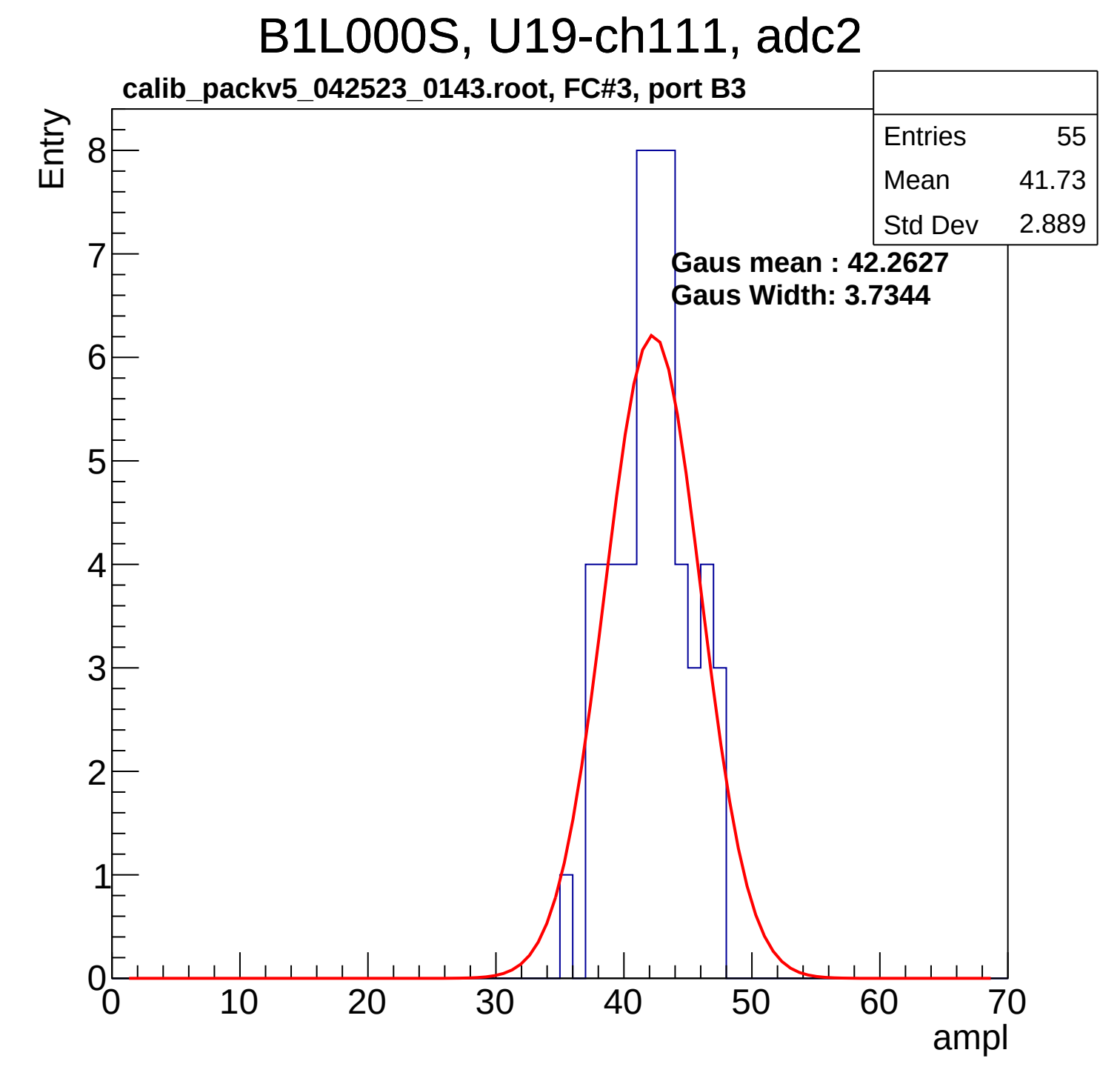
40
50
60
70


B1L000S, U19-ch111, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 95
Mean 29.07
Std Dev 4.929
Gaus mean : 29.4119
Gaus Width: 3.7431
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch111, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 36.37
Std Dev 3.01
Gaus mean : 37.2666
Gaus Width: 3.2665
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch111, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 41.73
Std Dev 2.889
Gaus mean : 42.2627
Gaus Width: 3.7344
Entry
ampl
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2
3
4
5
6
7
8
0
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40
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60
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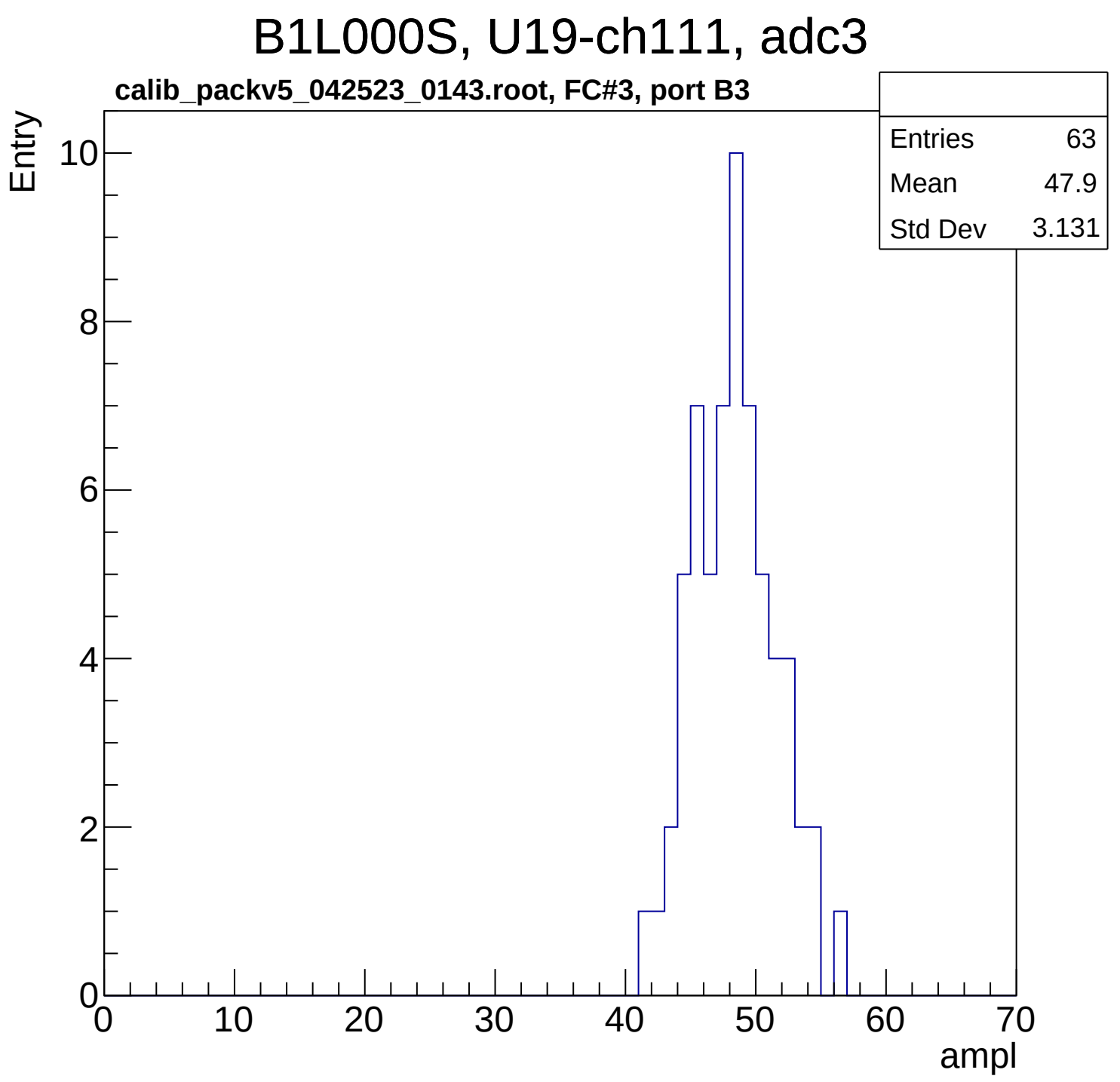
B1L000S, U19-ch111, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 47.9
Std Dev 3.131
Entry
ampl
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0
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60
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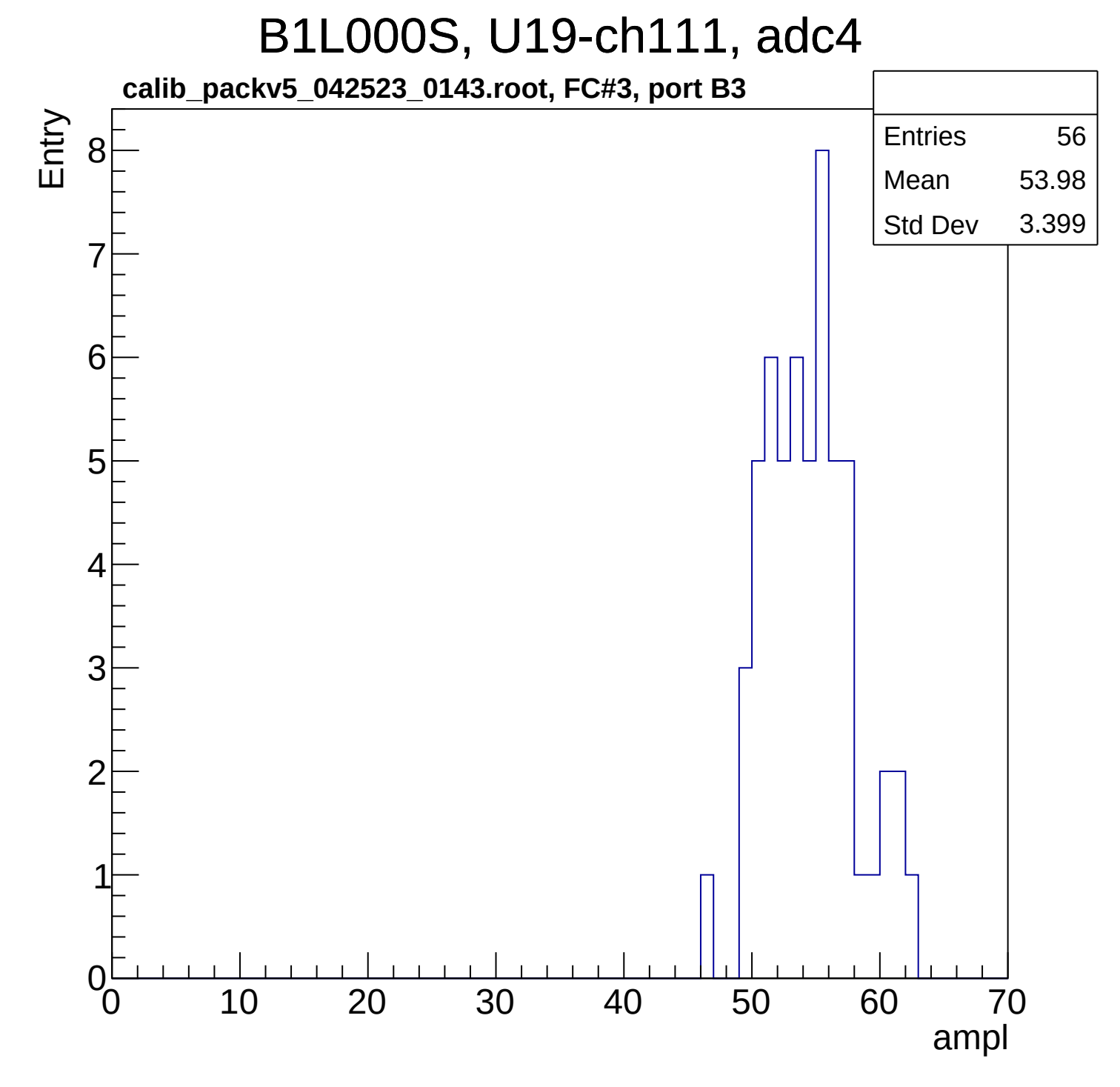
B1L000S, U19-ch111, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 53.98
Std Dev 3.399
Entry
ampl
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4
5
6
7
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0
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40
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60
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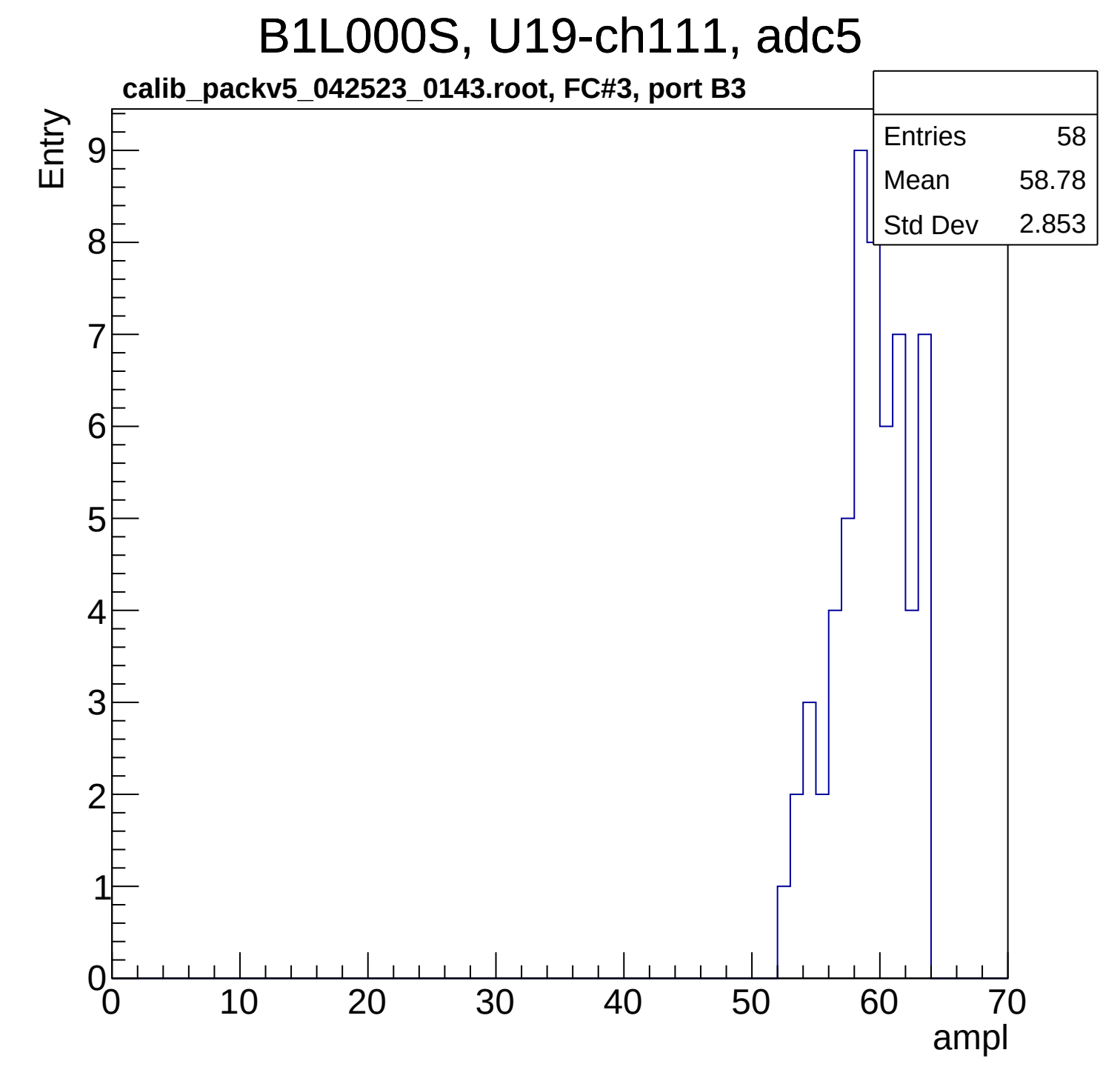
B1L000S, U19-ch111, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 58.78
Std Dev 2.853
Entry
ampl
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2
3
4
5
6
7
8
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0
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40
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60
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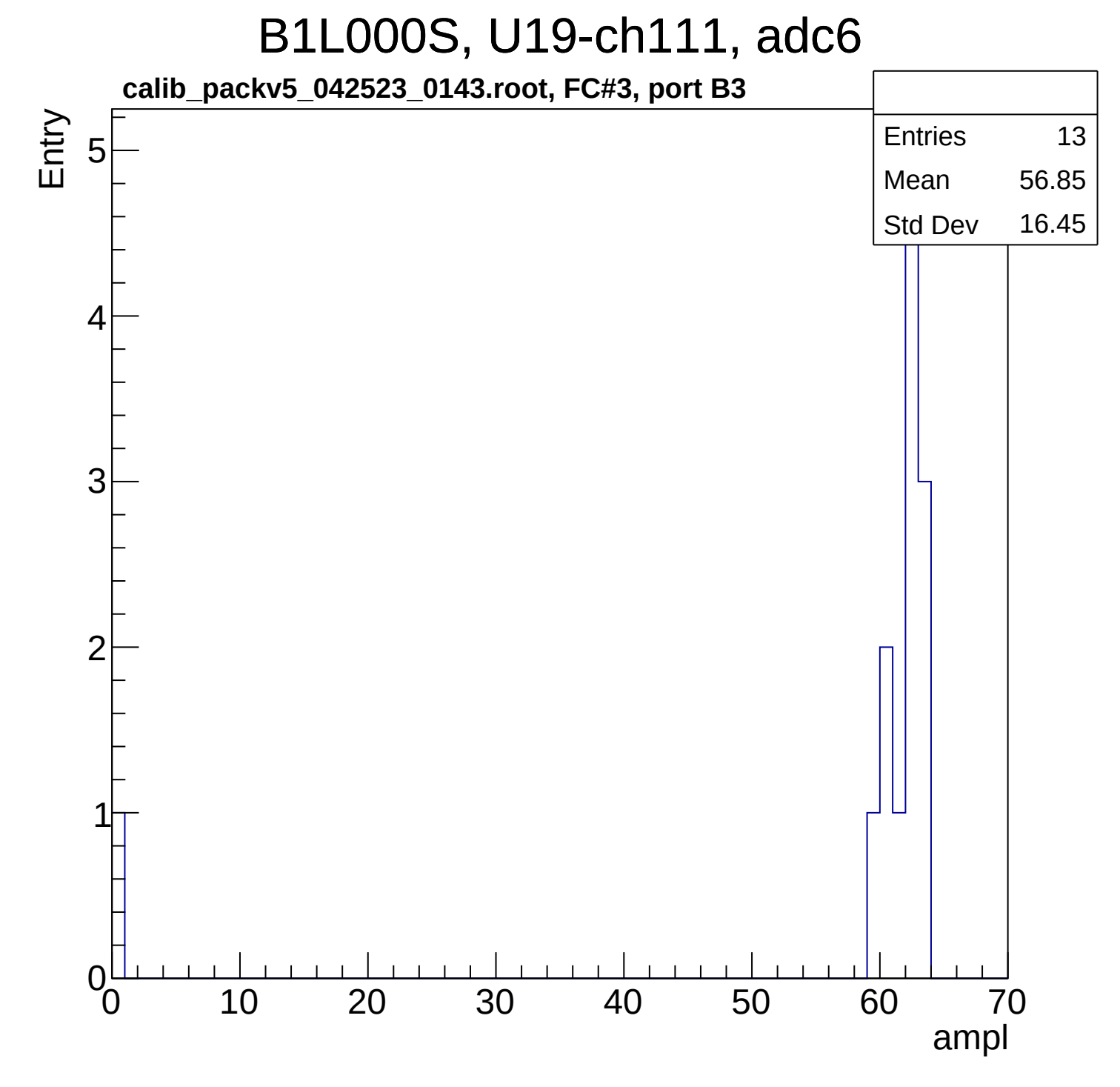
B1L000S, U19-ch111, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 56.85
Std Dev 16.45
Entry
ampl
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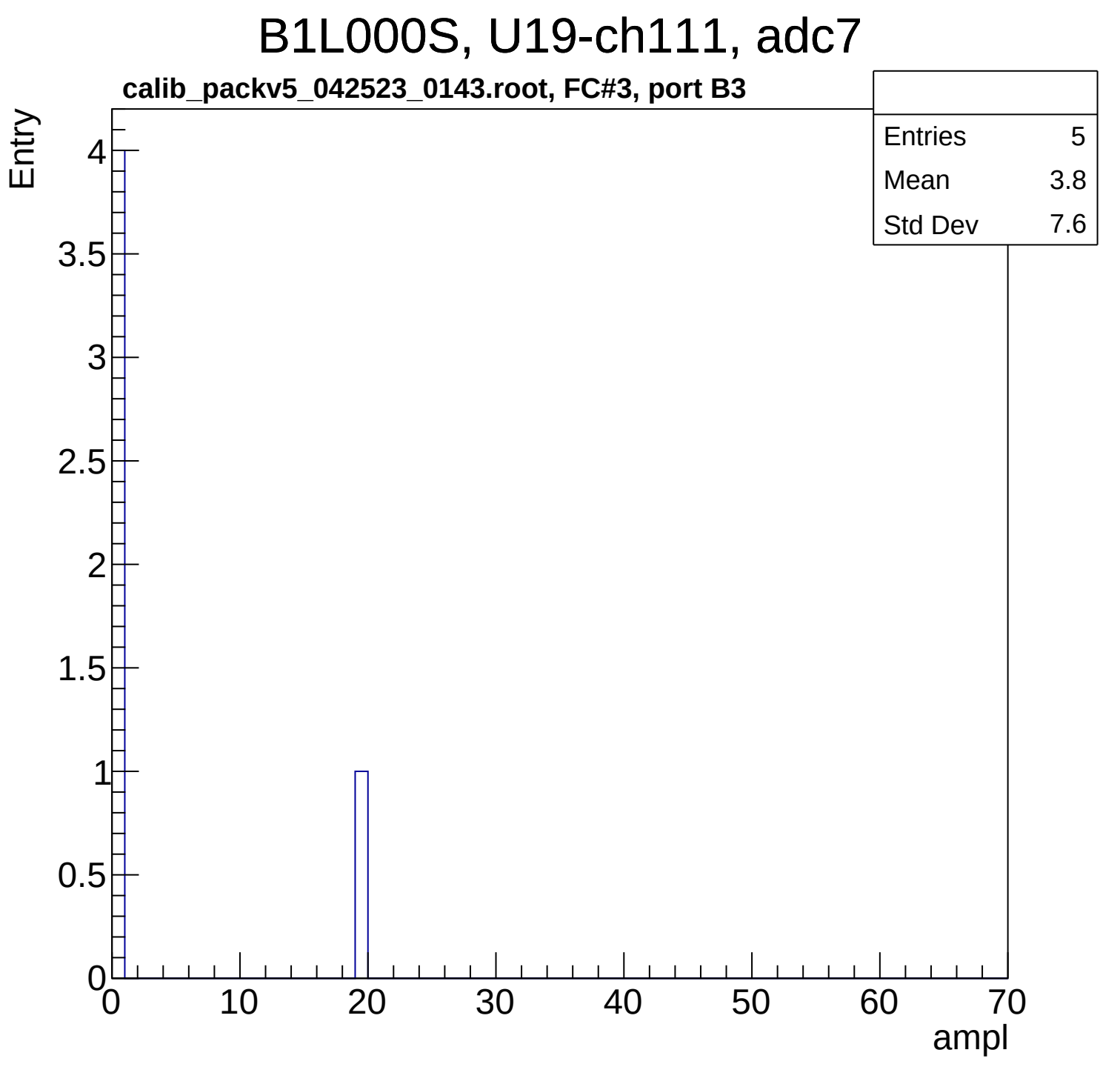
2
3
4
5
0
10
20
30
40
50
60
70


B1L000S, U19-ch111, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 3.8
Std Dev 7.6
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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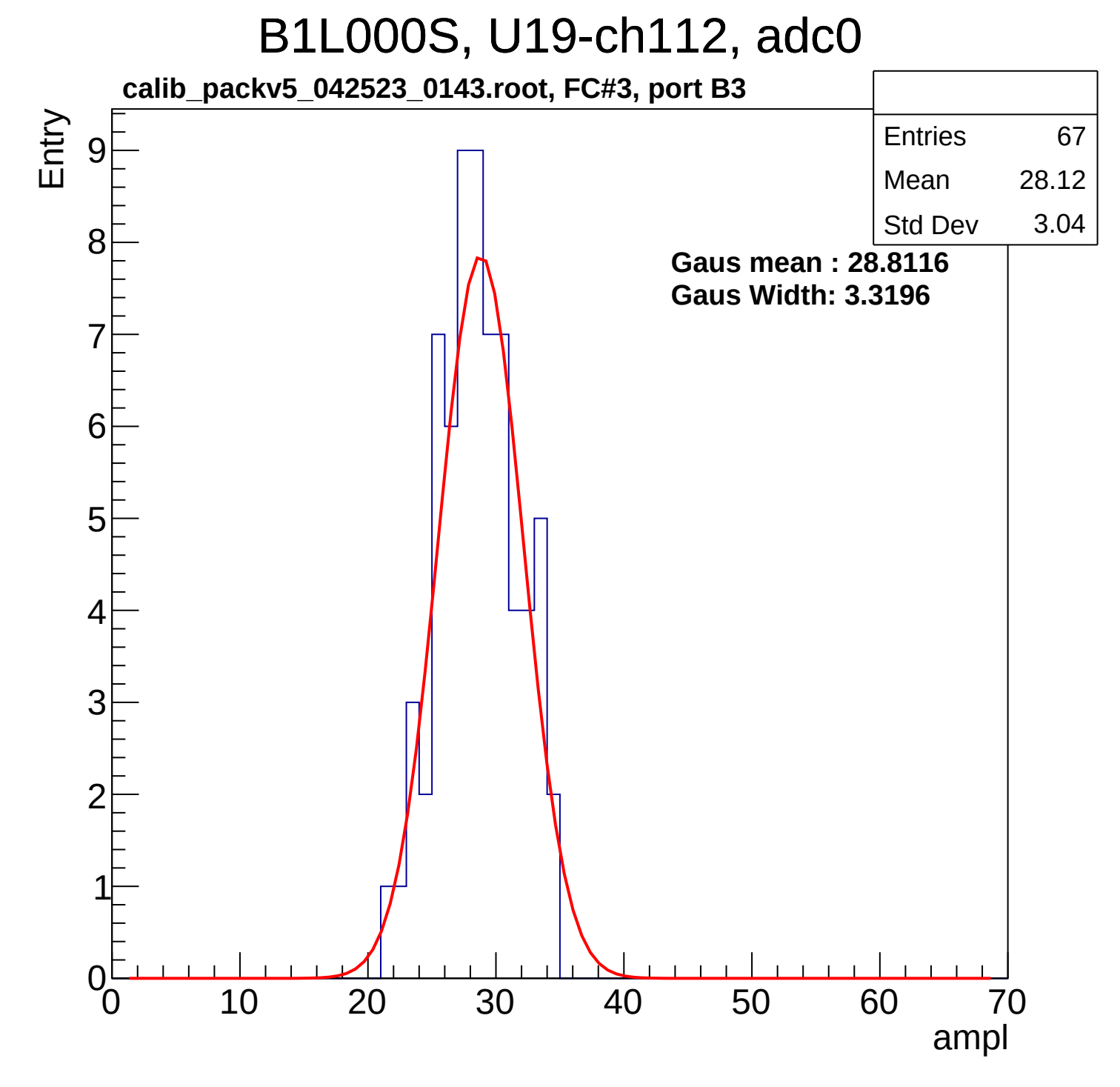
B1L000S, U19-ch112, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 28.12
Std Dev 3.04
Gaus mean : 28.8116
Gaus Width: 3.3196
Entry
ampl
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2
3
4
5
6
7
8
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0
10
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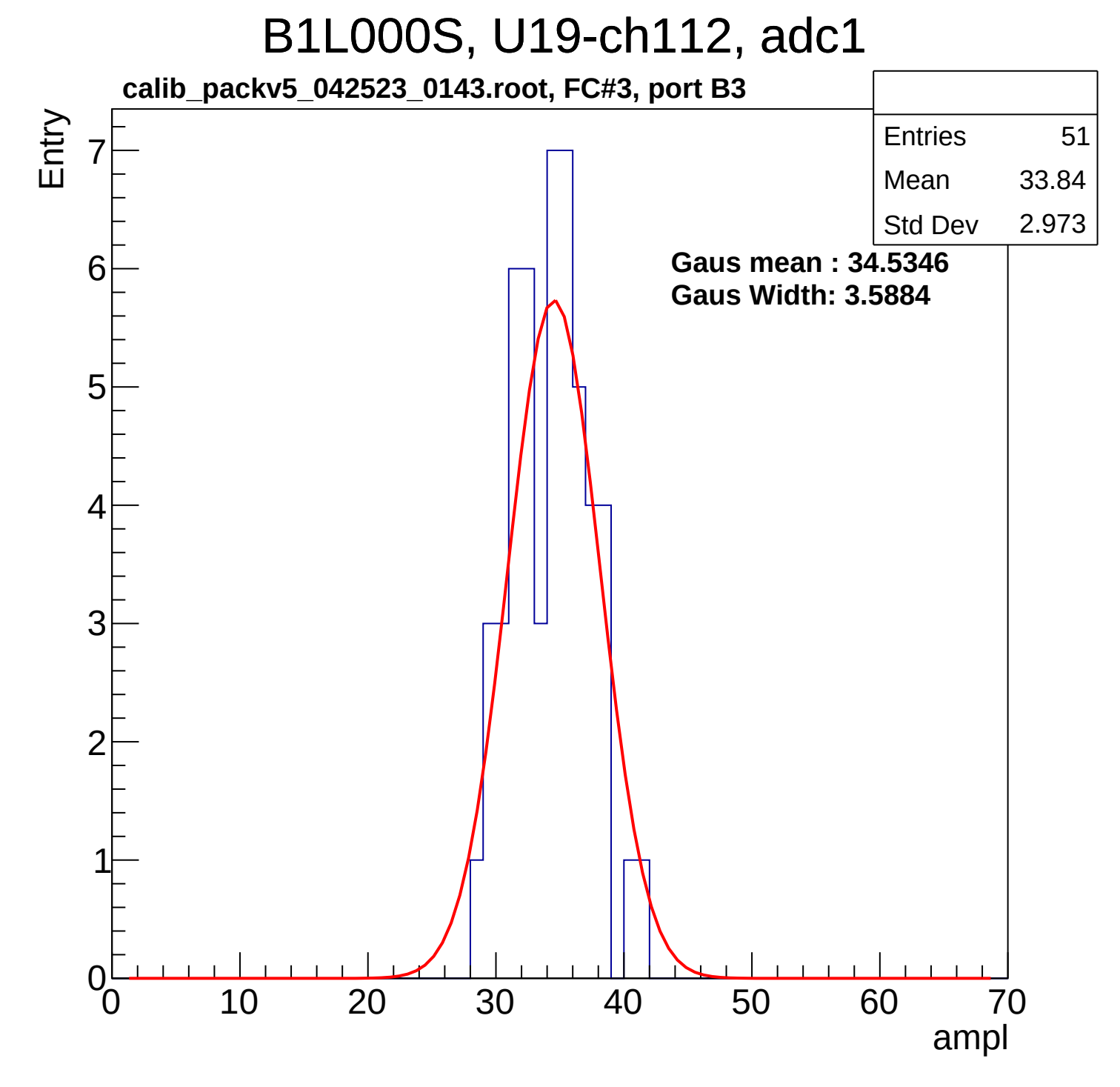
B1L000S, U19-ch112, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 33.84
Std Dev 2.973
Gaus mean : 34.5346
Gaus Width: 3.5884
Entry
ampl
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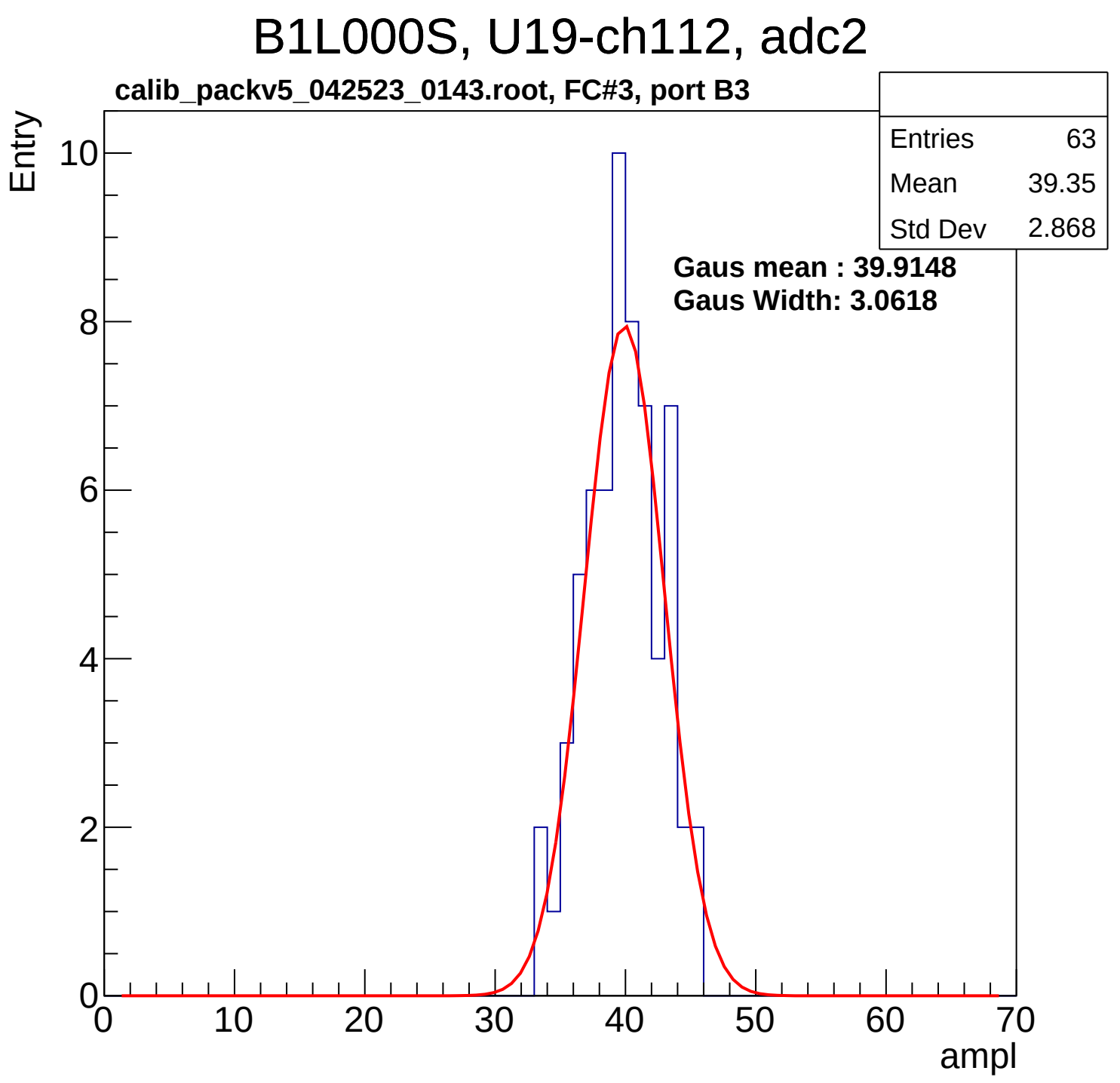
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U19-ch112, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 39.35
Std Dev 2.868
Gaus mean : 39.9148
Gaus Width: 3.0618
Entry
ampl
0
2
4
6
8
10
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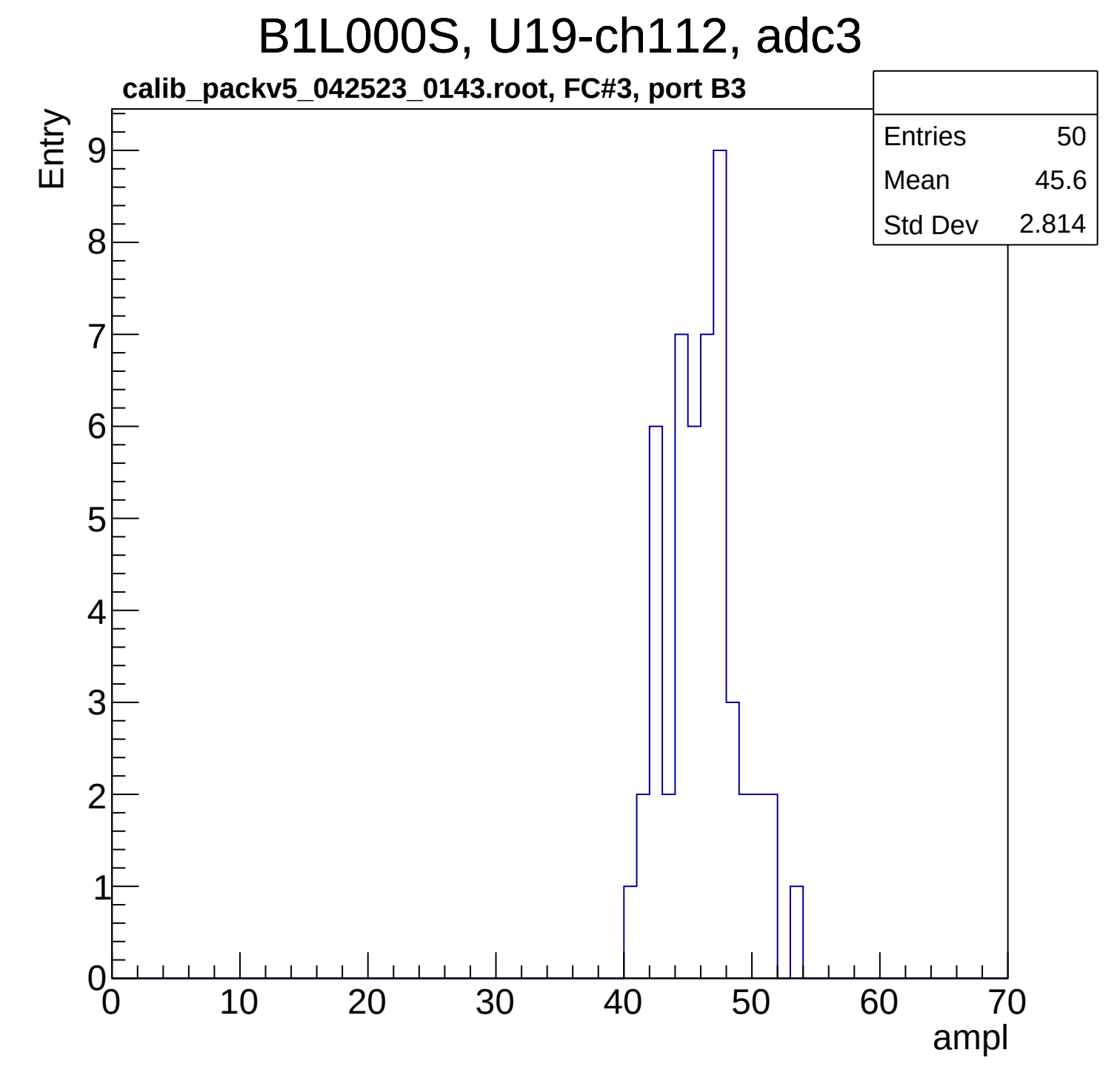
B1L000S, U19-ch112, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 45.6
Std Dev 2.814
Entry
ampl
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2
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4
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6
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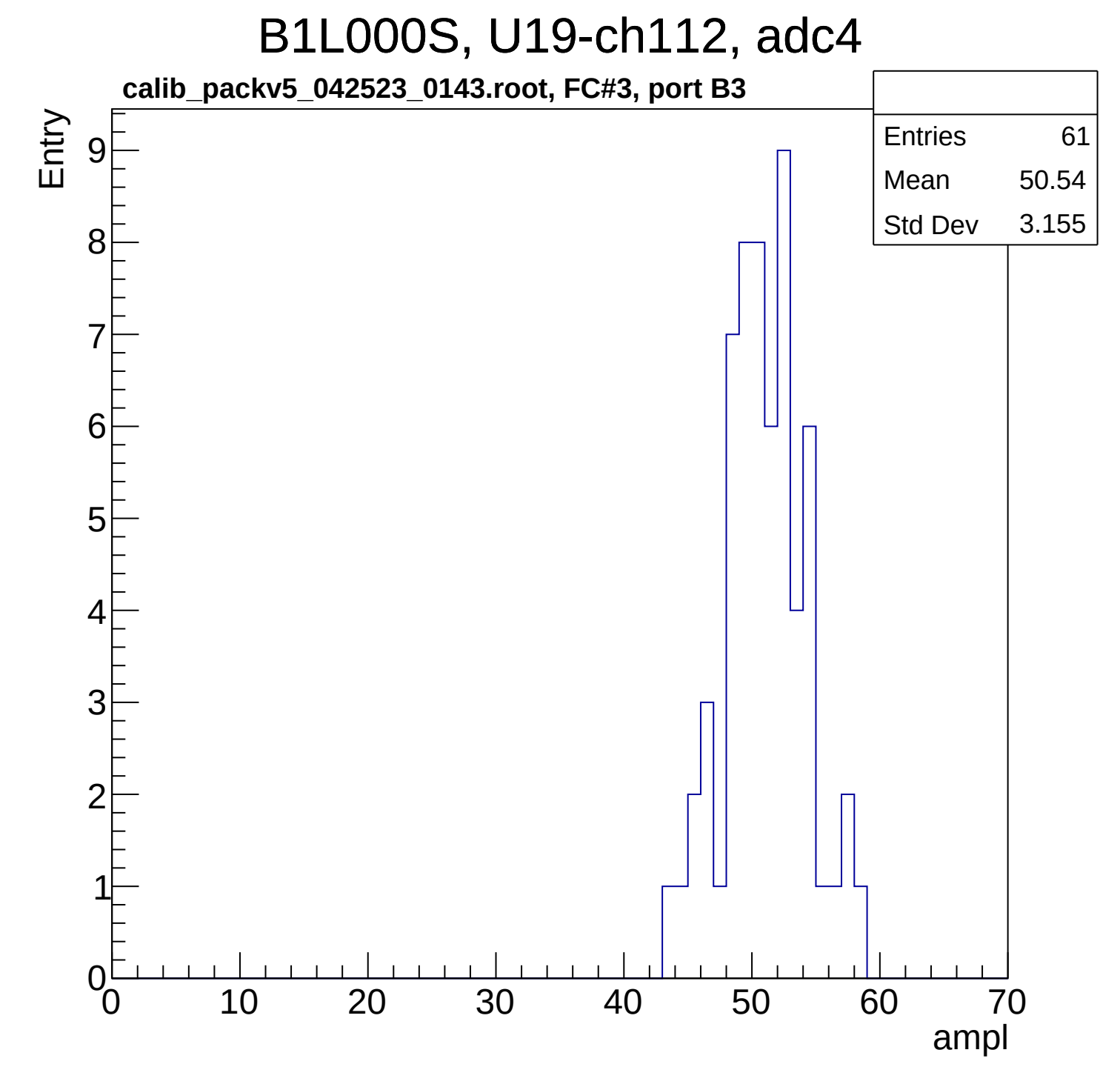
B1L000S, U19-ch112, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 50.54
Std Dev 3.155
Entry
ampl
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2
3
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5
6
7
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0
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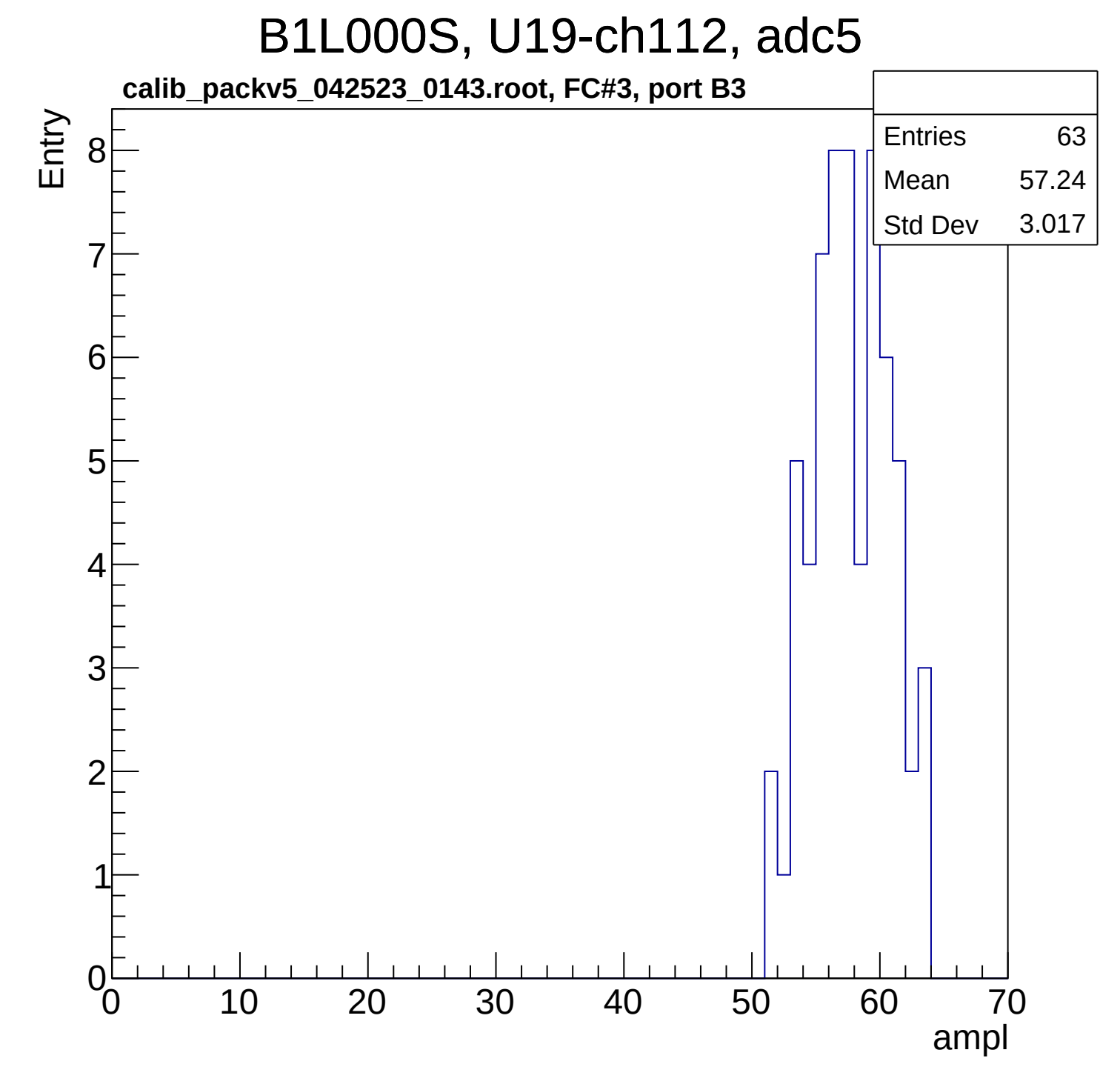
B1L000S, U19-ch112, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 57.24
Std Dev 3.017
Entry
ampl
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2
3
4
5
6
7
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0
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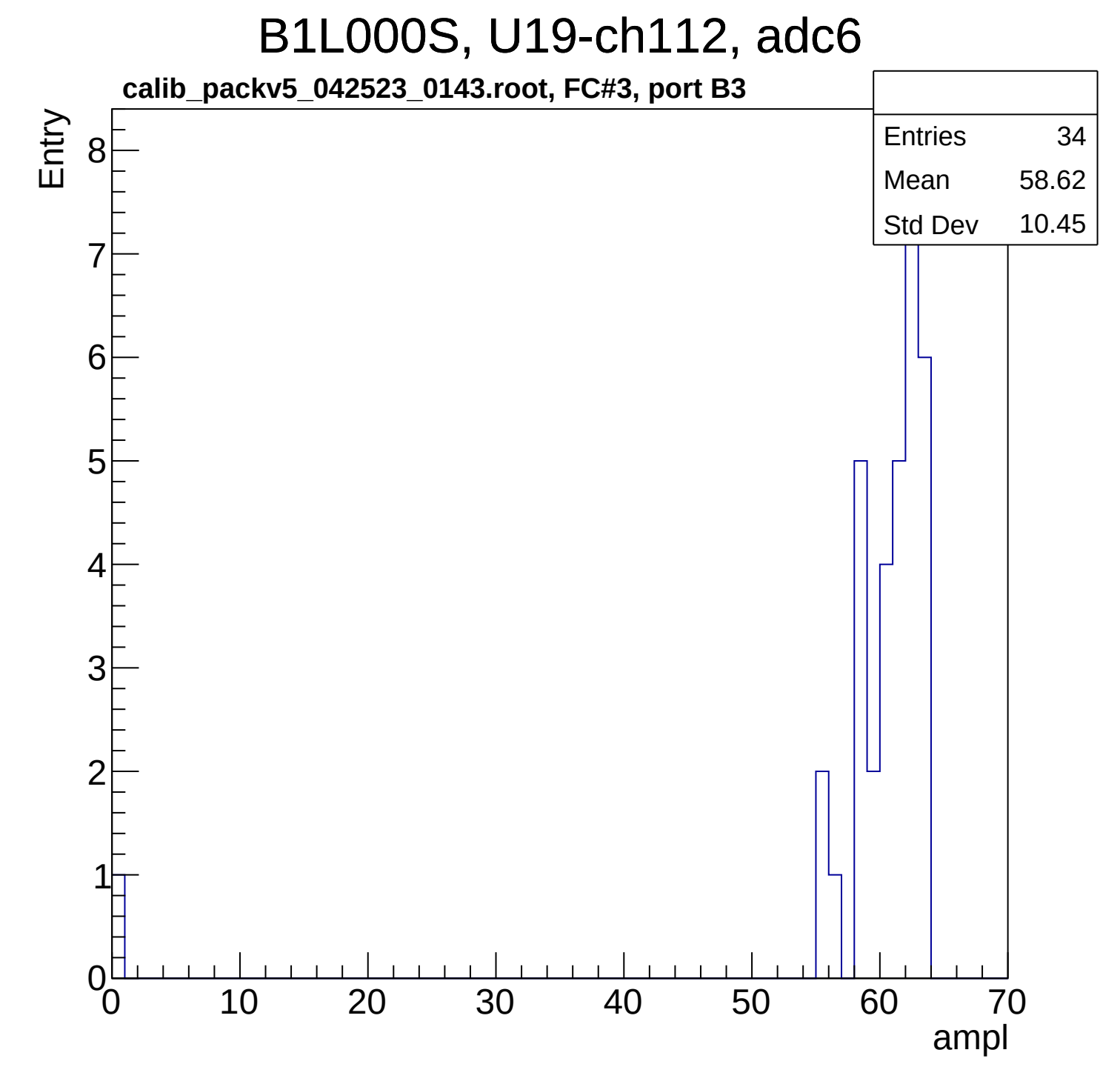
B1L000S, U19-ch112, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 34
Mean 58.62
Std Dev 10.45
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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60
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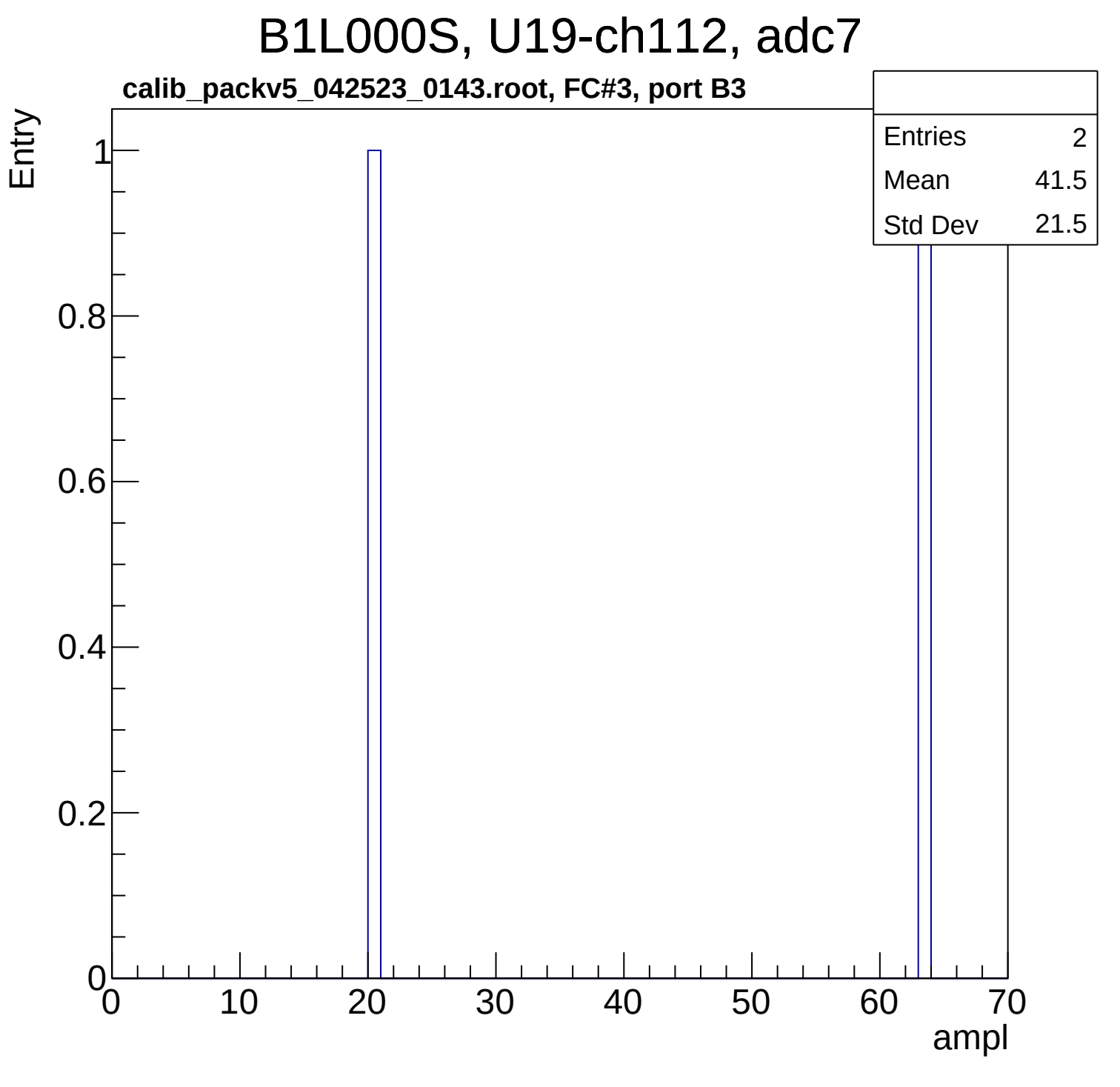
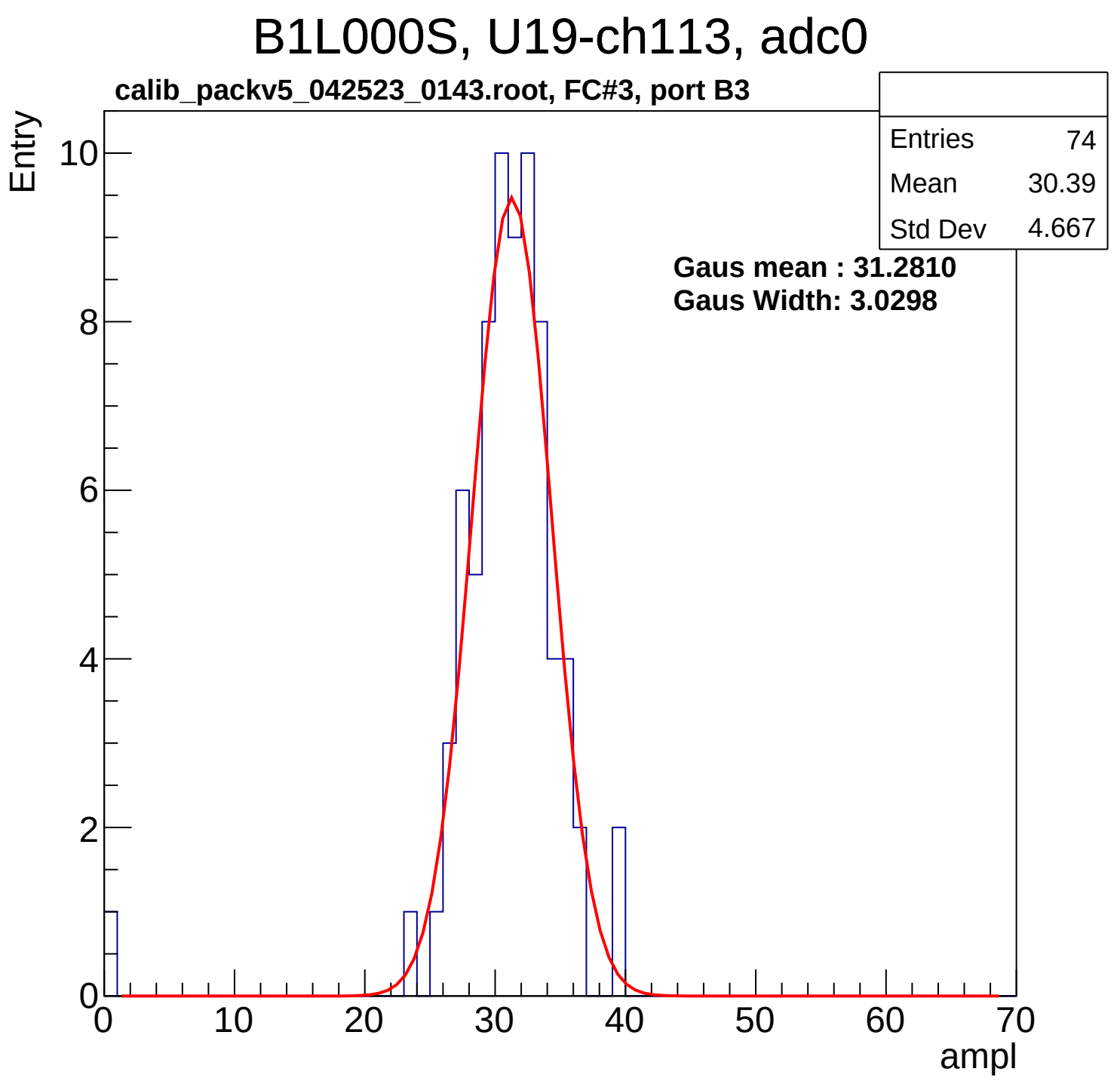

B1L000S, U19-ch112, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 41.5
Std Dev 21.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch113, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 30.39
Std Dev 4.667
Gaus mean : 31.2810
Gaus Width: 3.0298
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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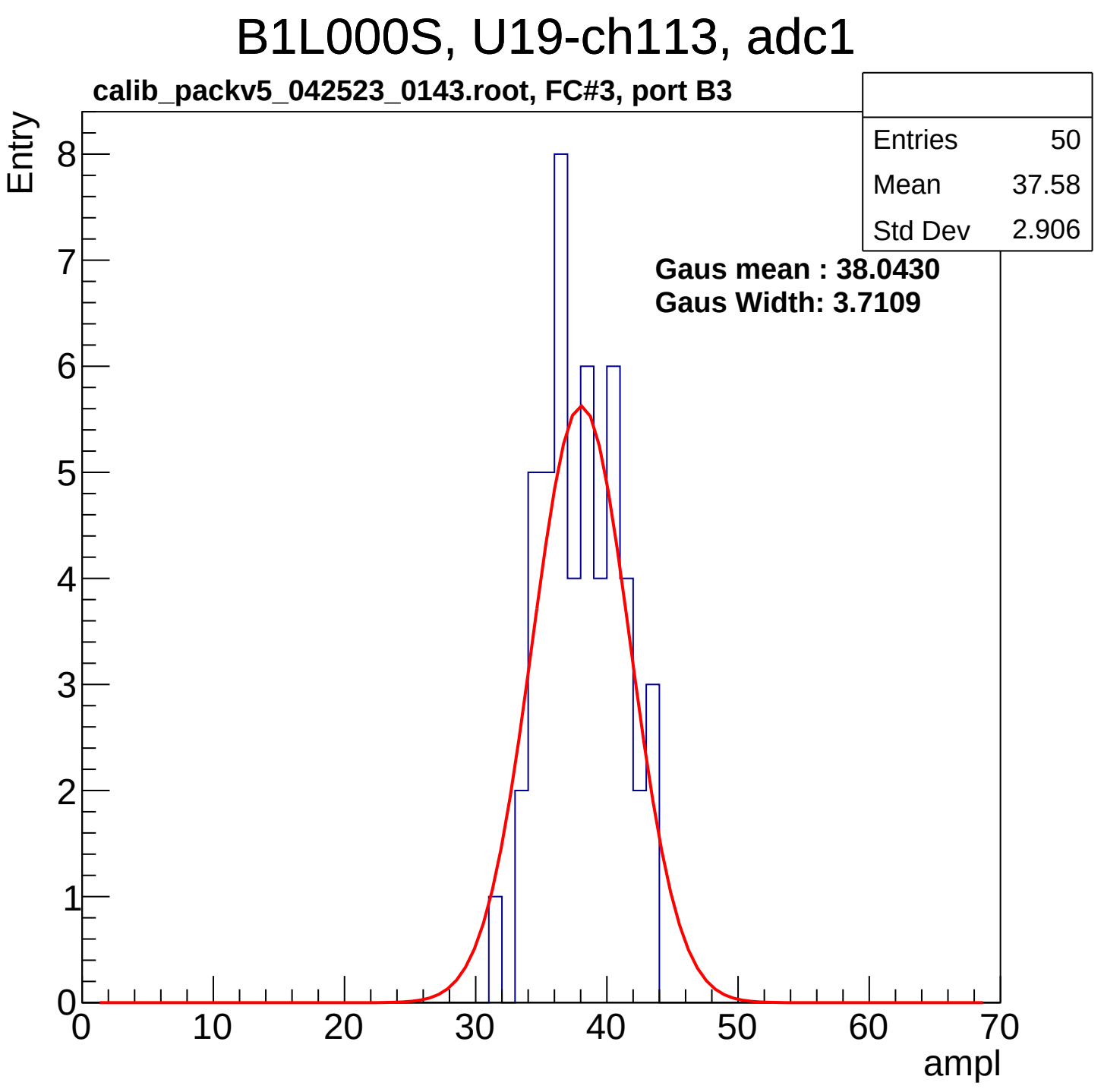
B1L000S, U19-ch113, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 37.58
Std Dev 2.906
Gaus mean : 38.0430
Gaus Width: 3.7109
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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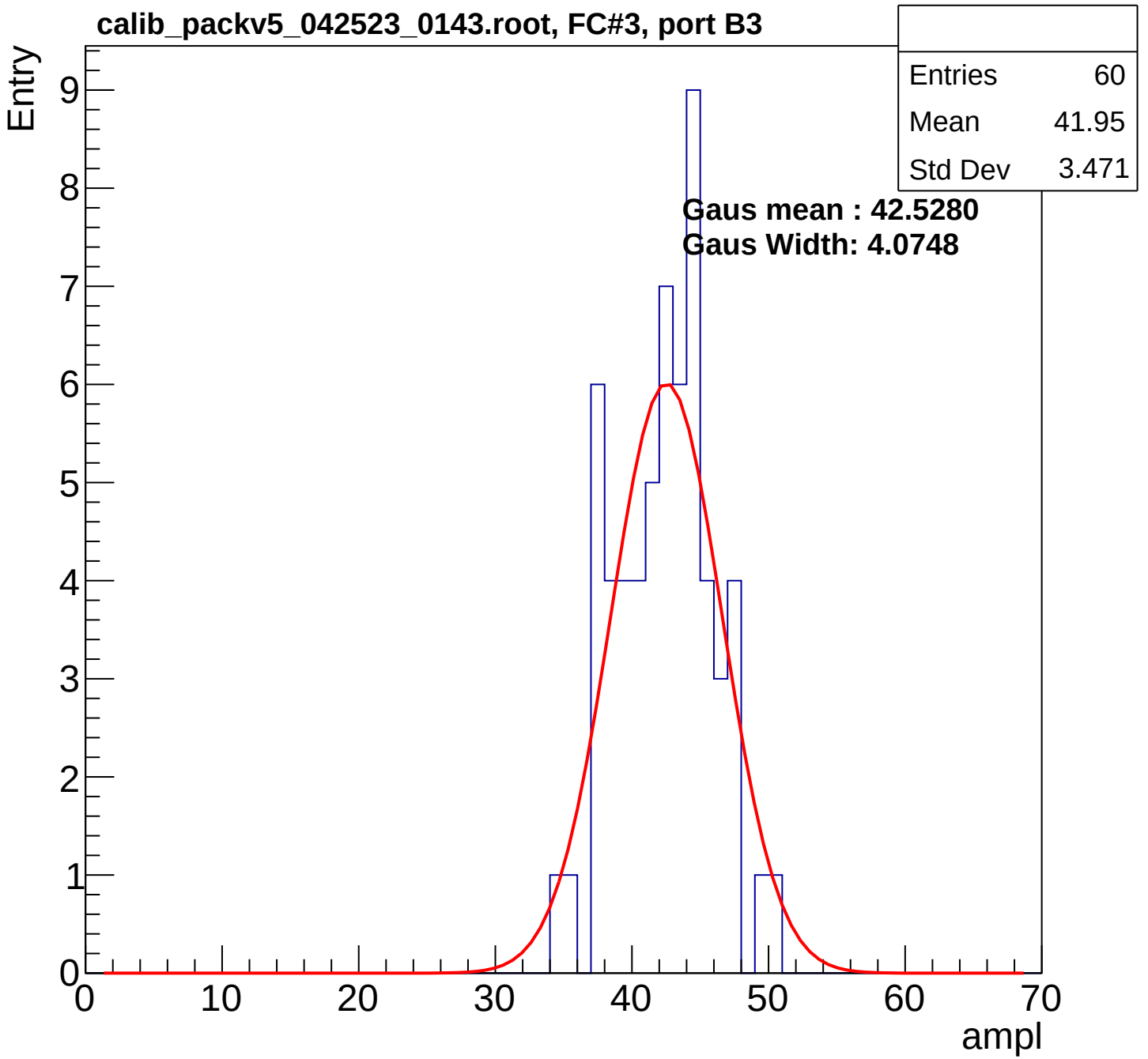
B1L000S, U19-ch113, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 41.95
Std Dev 3.471
Gaus mean : 42.5280
Gaus Width: 4.0748
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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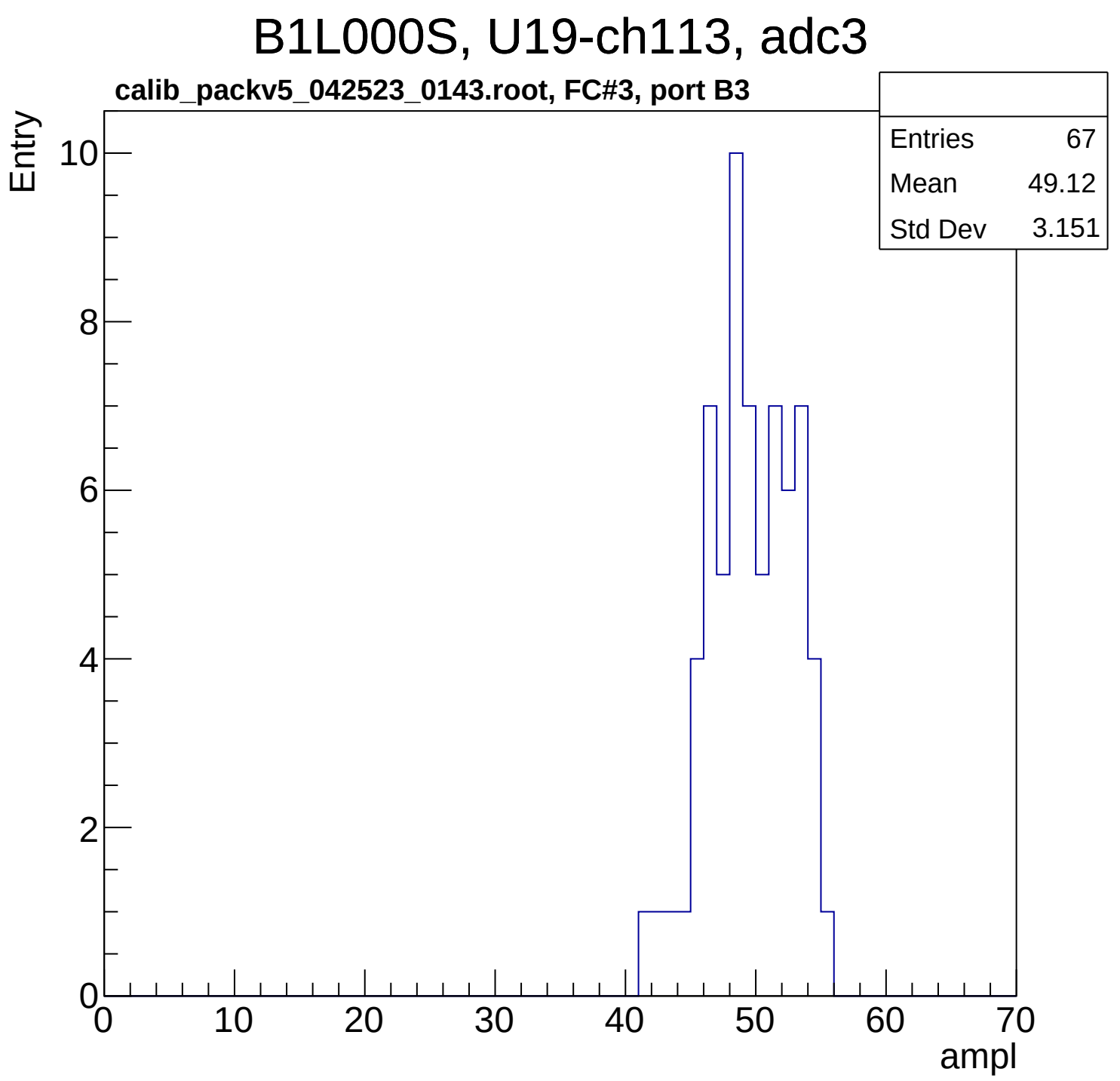
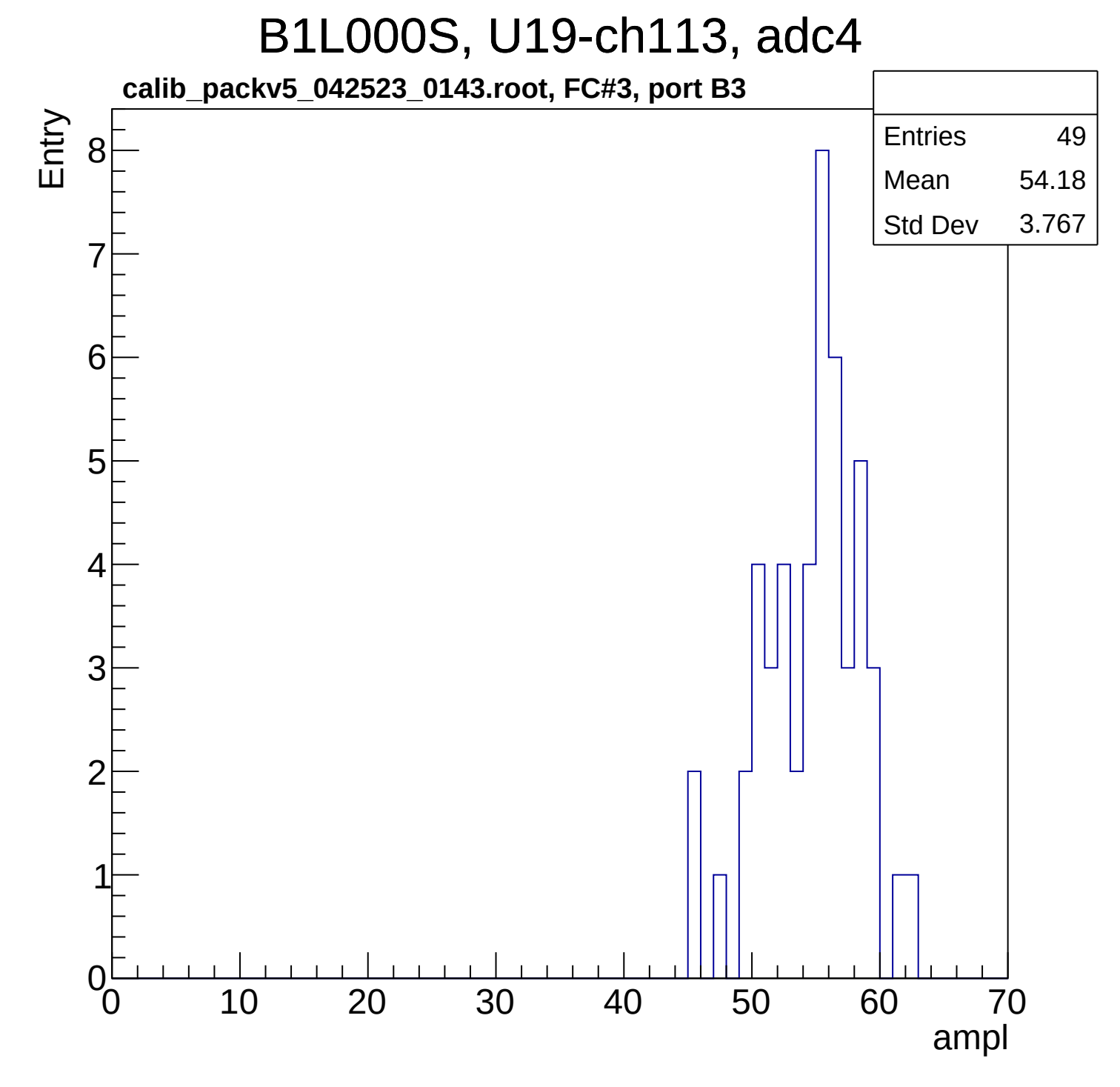

B1L000S, U19-ch113, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 49.12
Std Dev 3.151
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch113, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 54.18
Std Dev 3.767
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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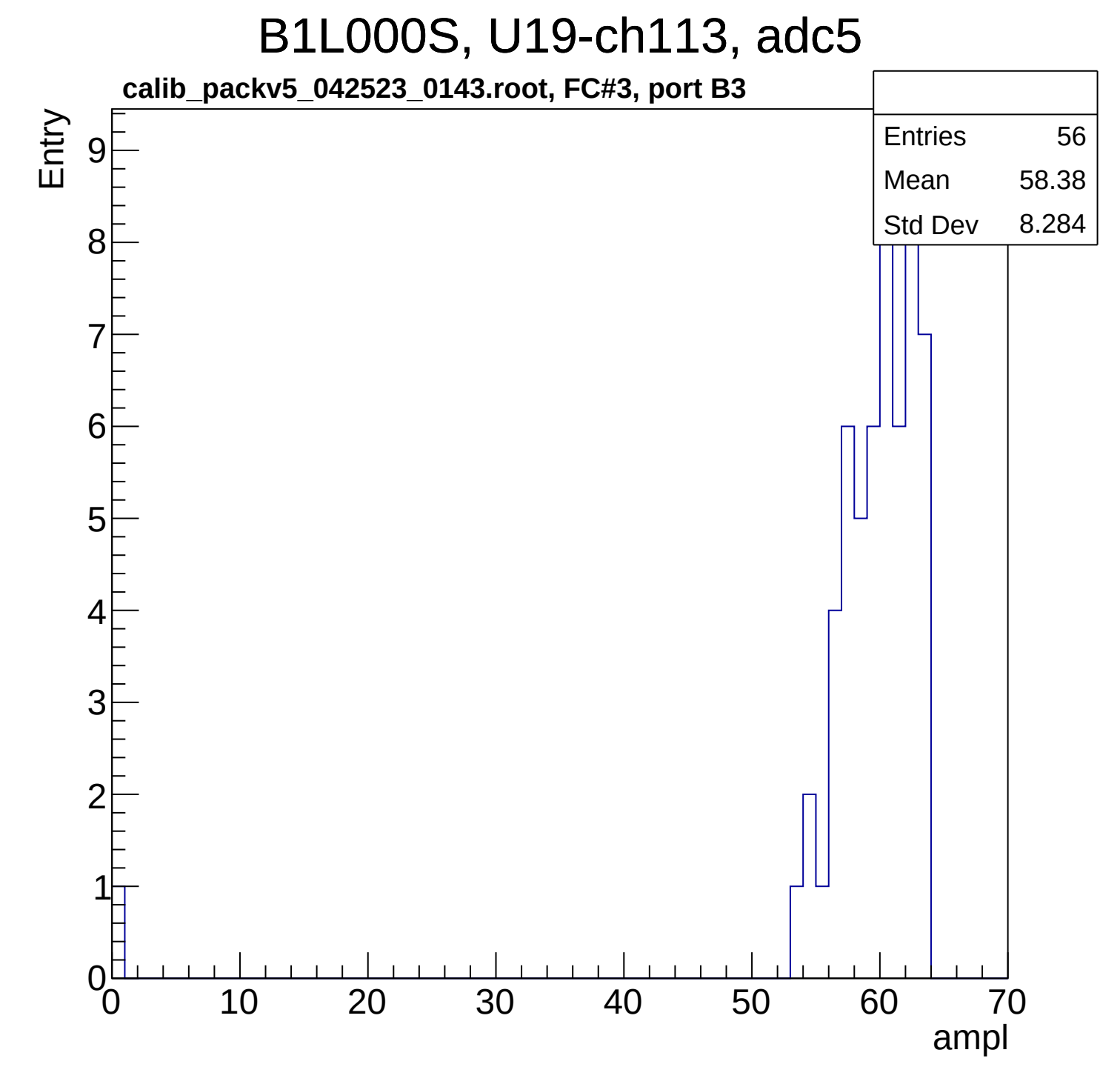
B1L000S, U19-ch113, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 58.38
Std Dev 8.284
Entry
ampl
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10
20
30
40
50
60
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1
2
3
4
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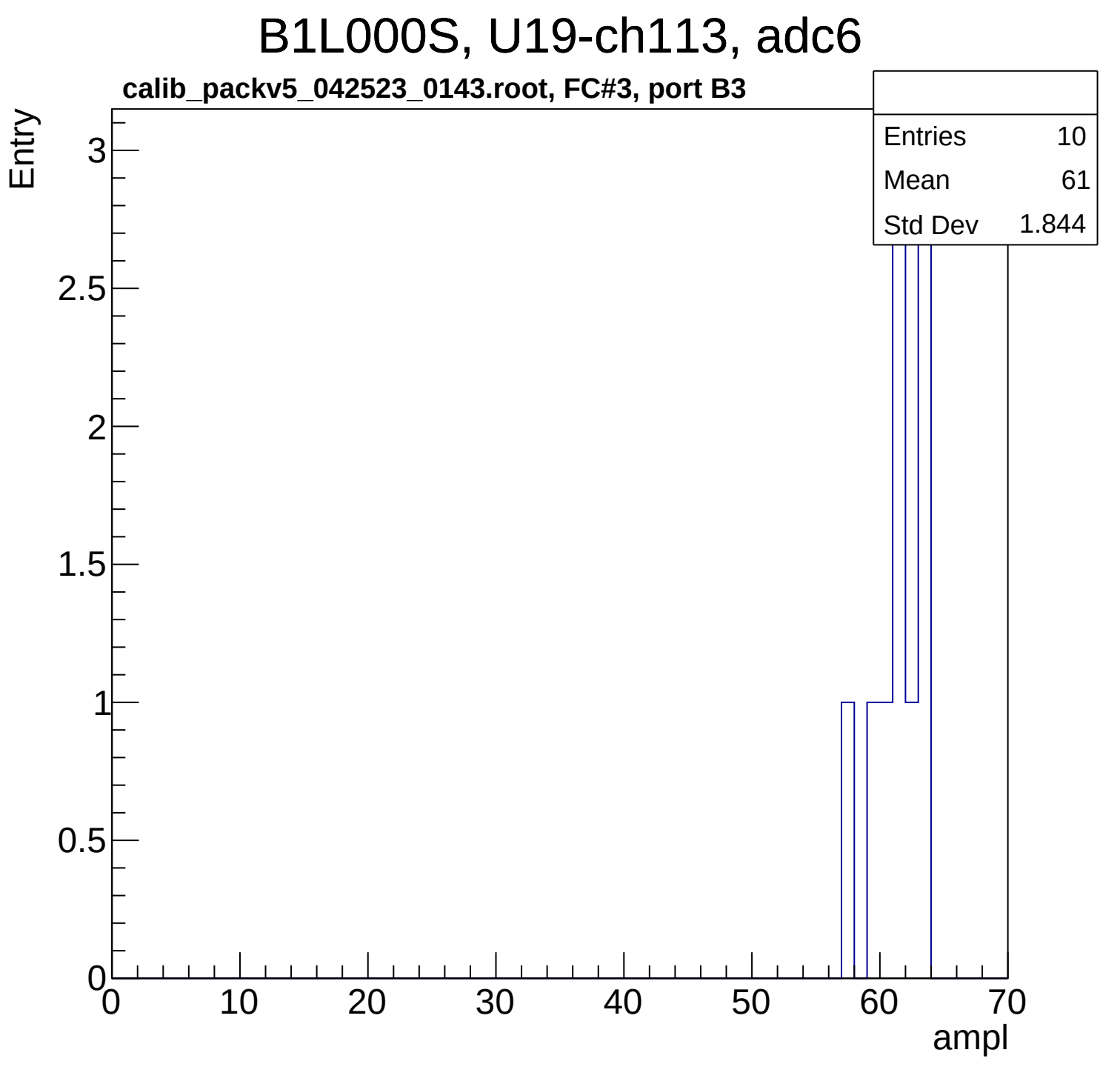
6
7
8
9


B1L000S, U19-ch113, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 10
Mean 61
Std Dev 1.844
Entry
ampl
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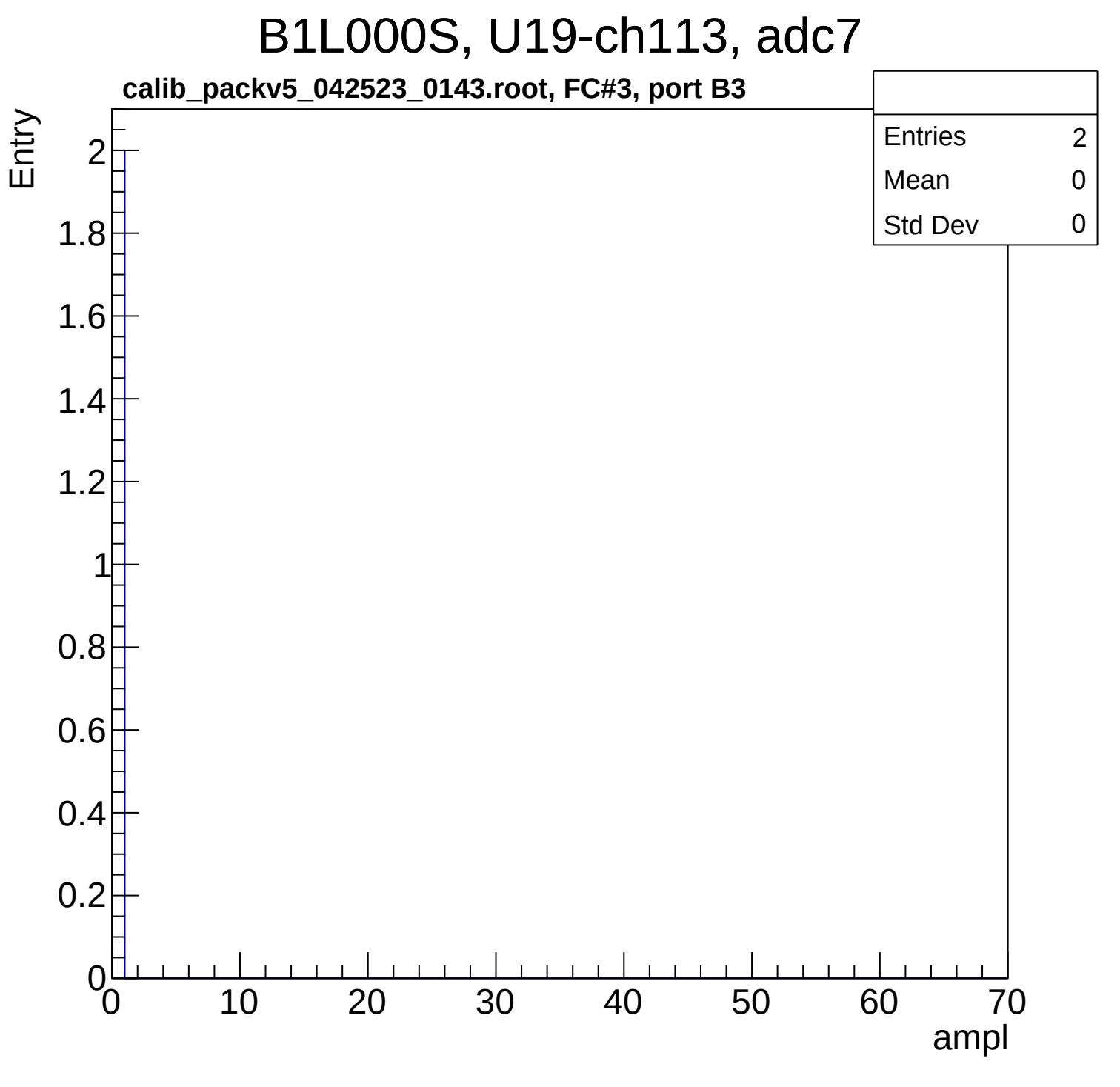
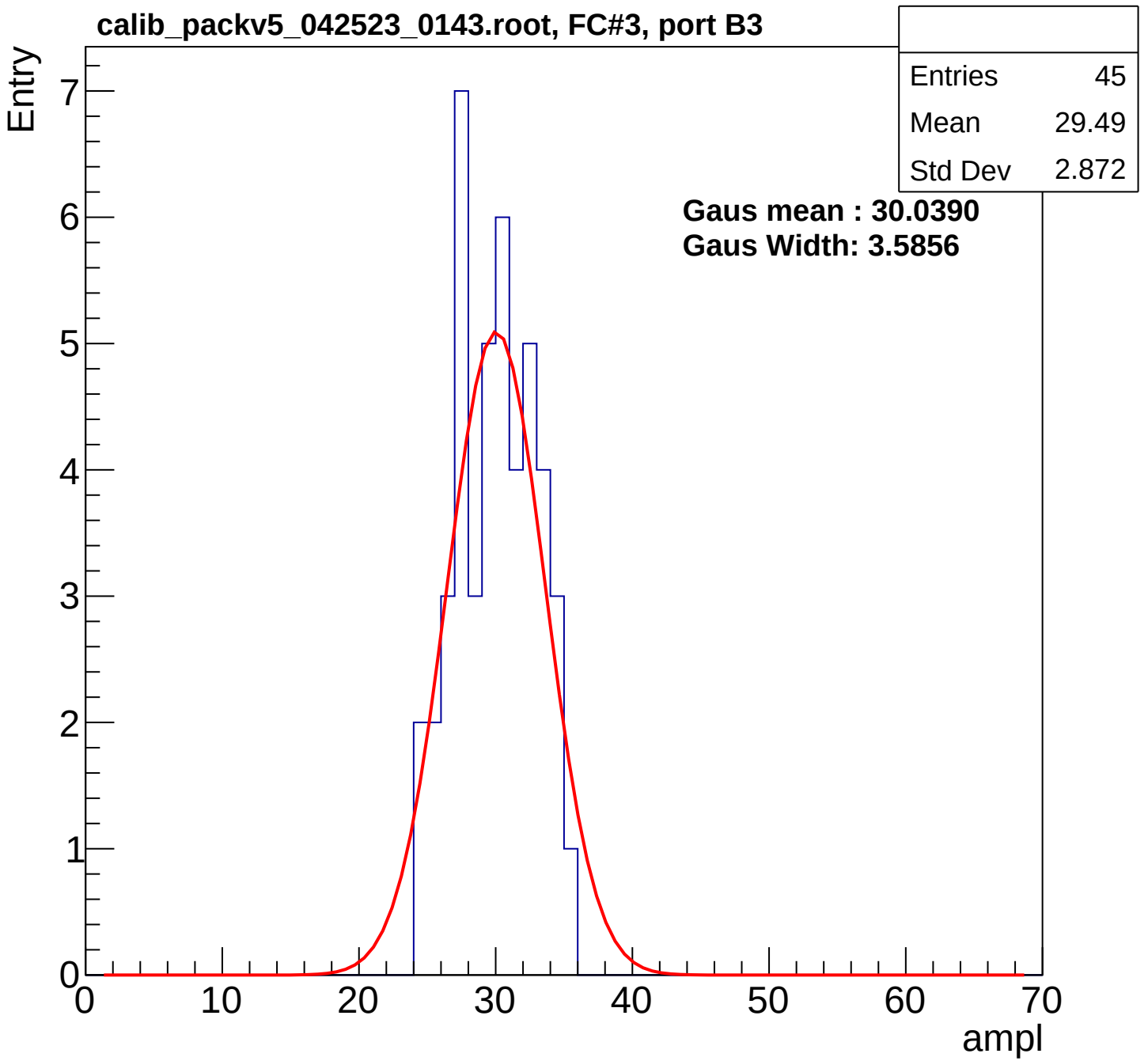
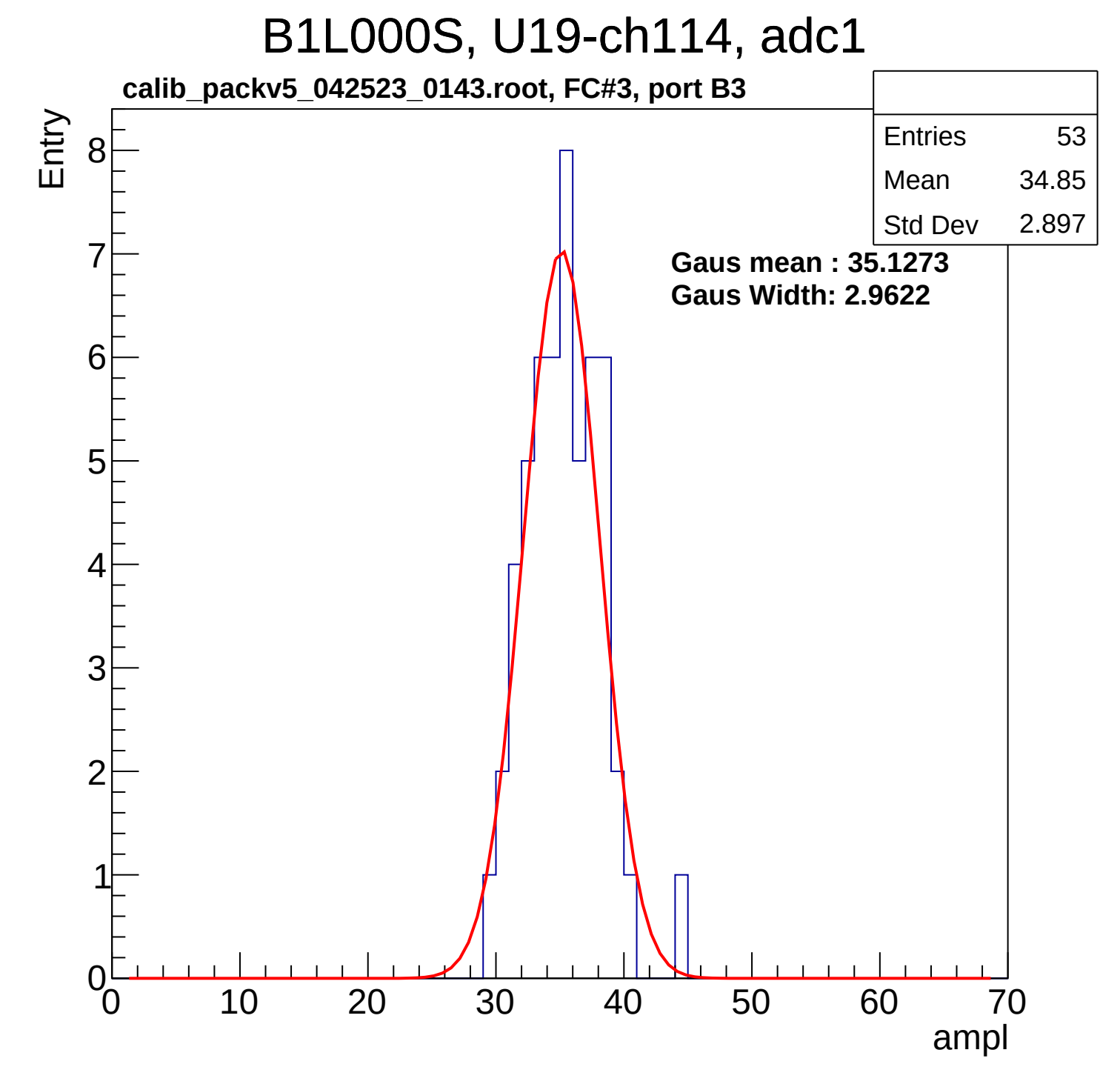
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U19-ch113, 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, U19-ch114, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 29.49
Std Dev 2.872
Gaus mean : 30.0390
Gaus Width: 3.5856
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U19-ch114, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 34.85
Std Dev 2.897
Gaus mean : 35.1273
Gaus Width: 2.9622
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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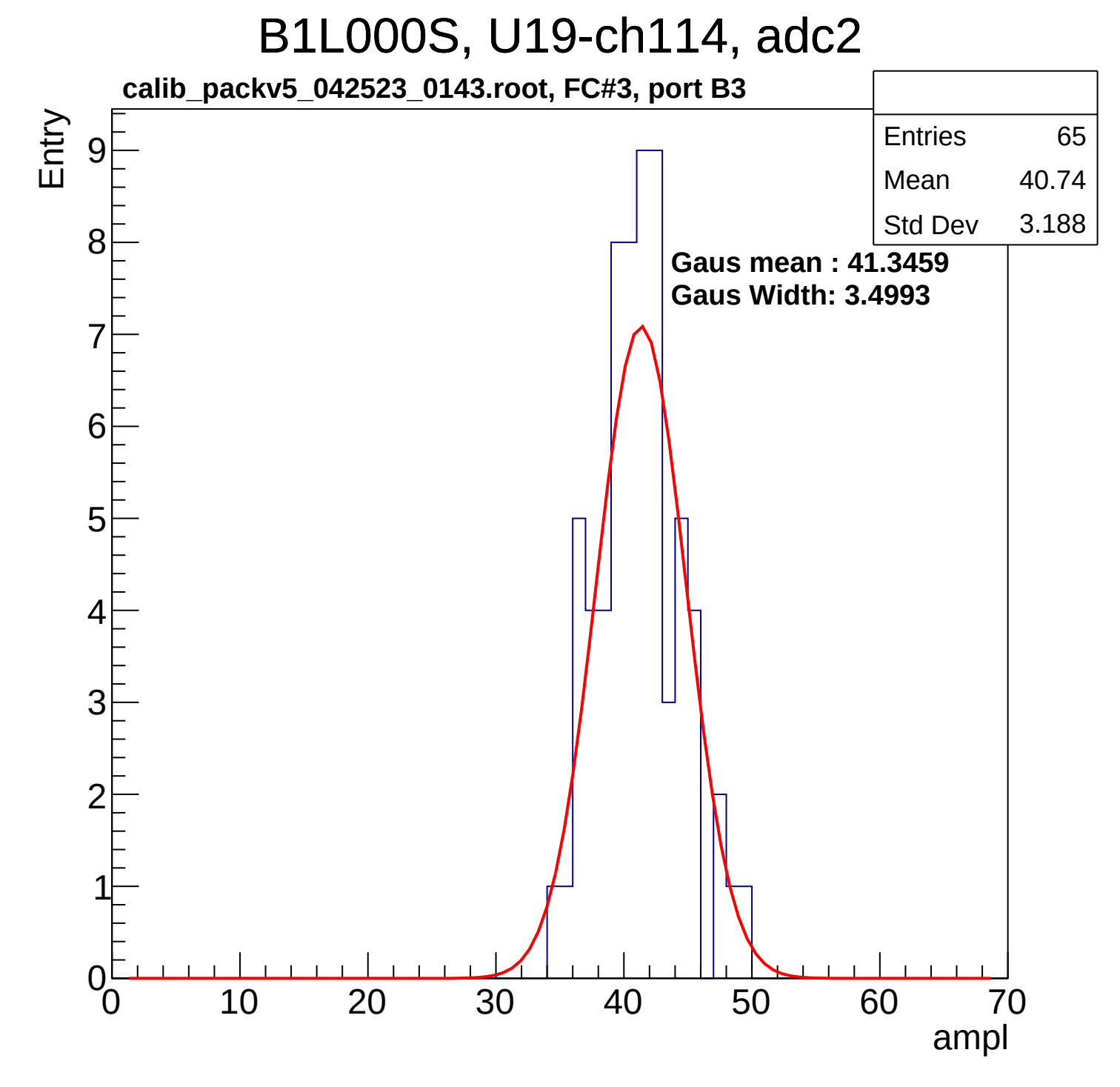
B1L000S, U19-ch114, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 40.74
Std Dev 3.188
Gaus mean : 41.3459
Gaus Width: 3.4993
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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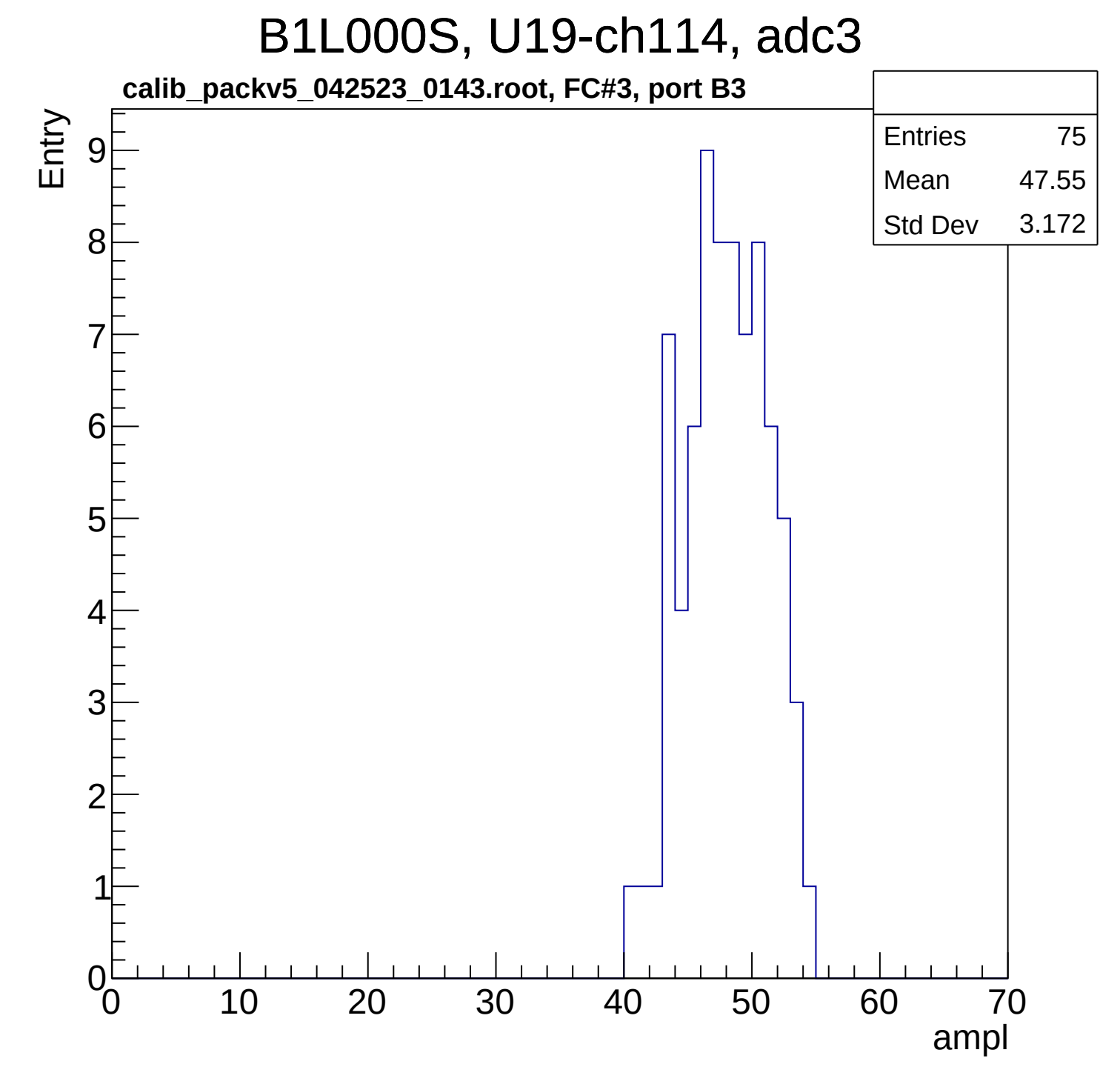
B1L000S, U19-ch114, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 47.55
Std Dev 3.172
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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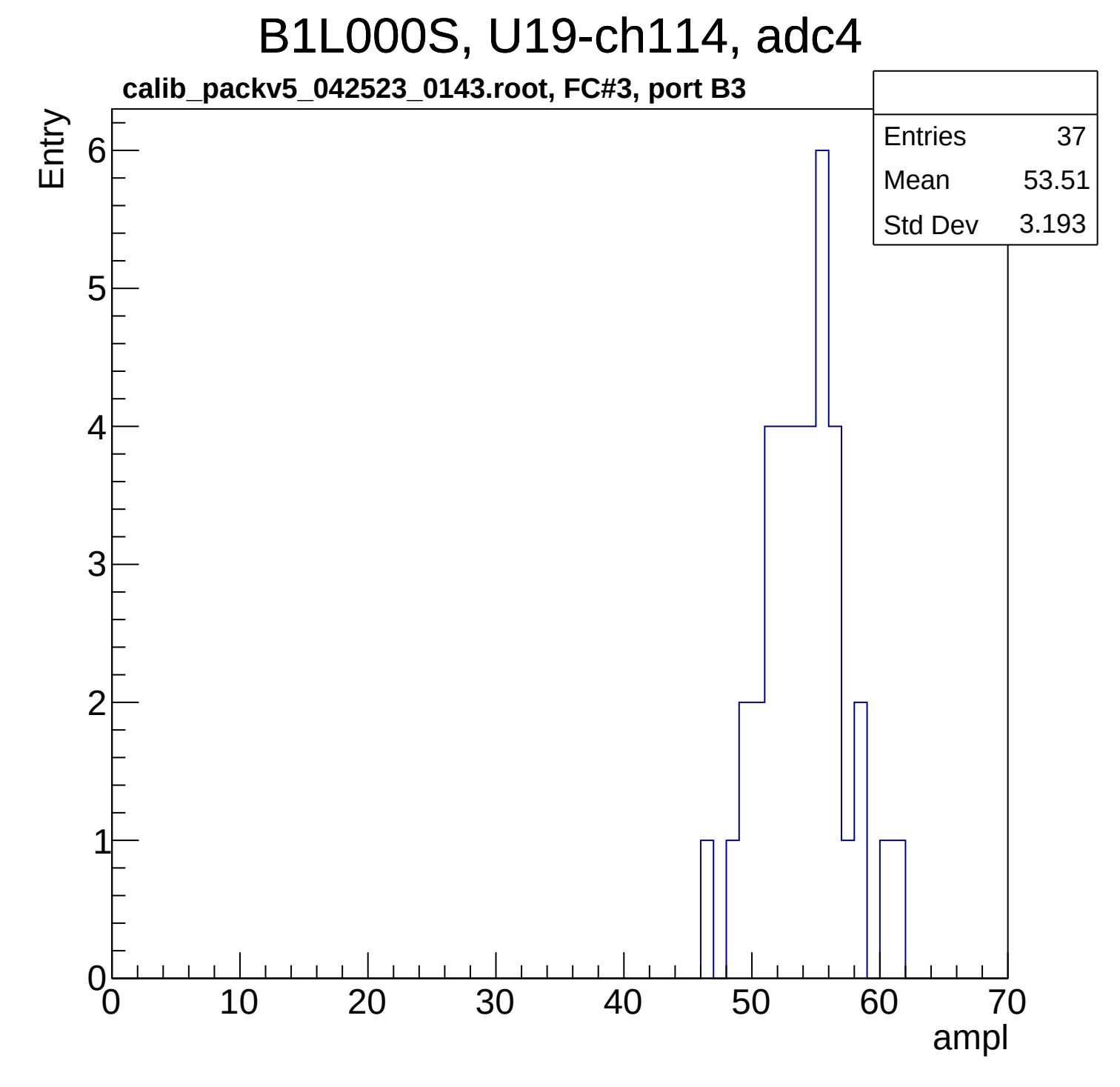
B1L000S, U19-ch114, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 37
Mean 53.51
Std Dev 3.193
Entry
ampl
0
1
2
3
4
5
6
0
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20
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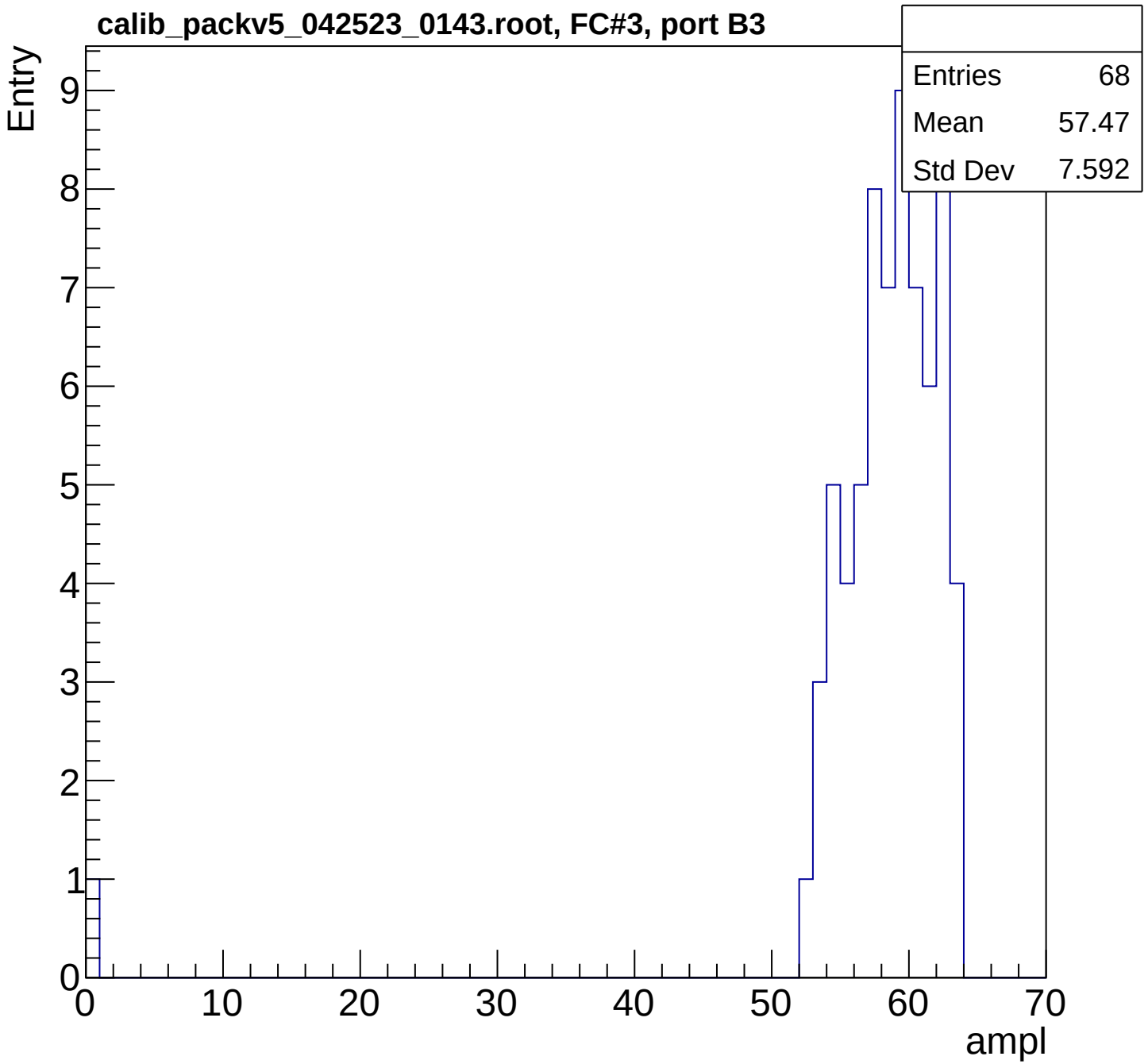
40
50
60
70


B1L000S, U19-ch114, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 57.47
Std Dev 7.592
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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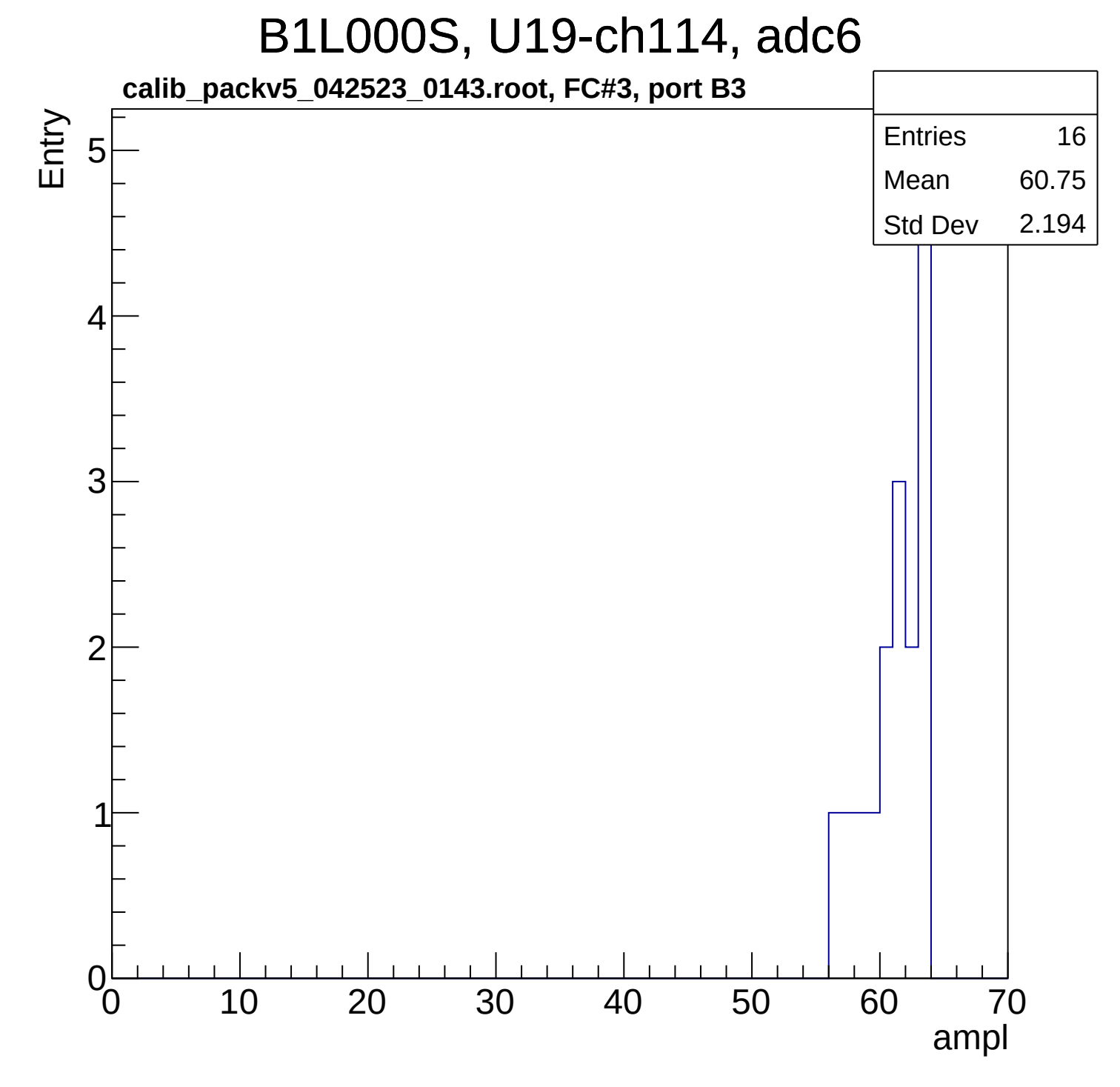
B1L000S, U19-ch114, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 60.75
Std Dev 2.194
Entry
ampl
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1
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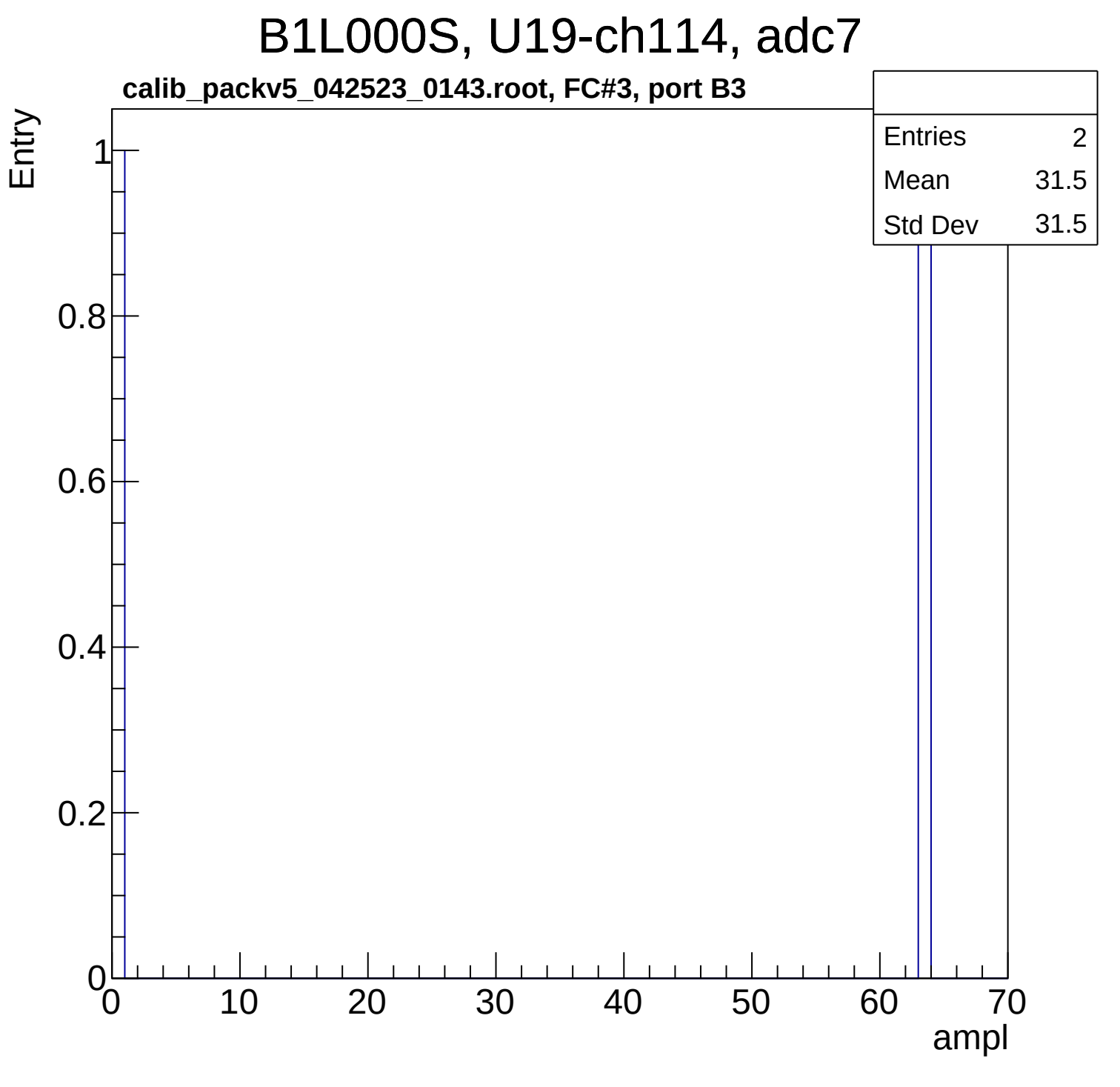
40
50
60
70


B1L000S, U19-ch114, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 31.5
Std Dev 31.5
Entry
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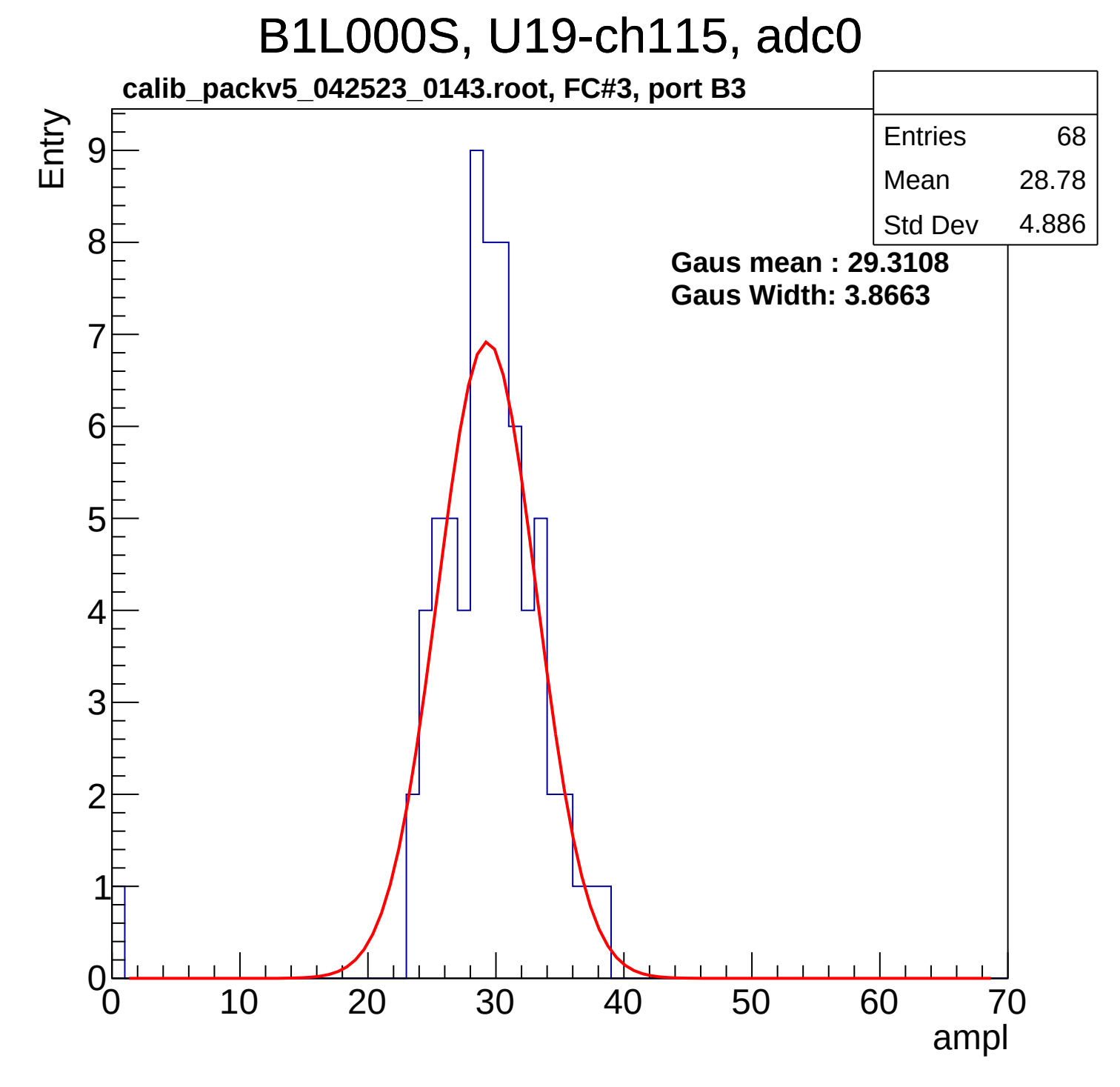
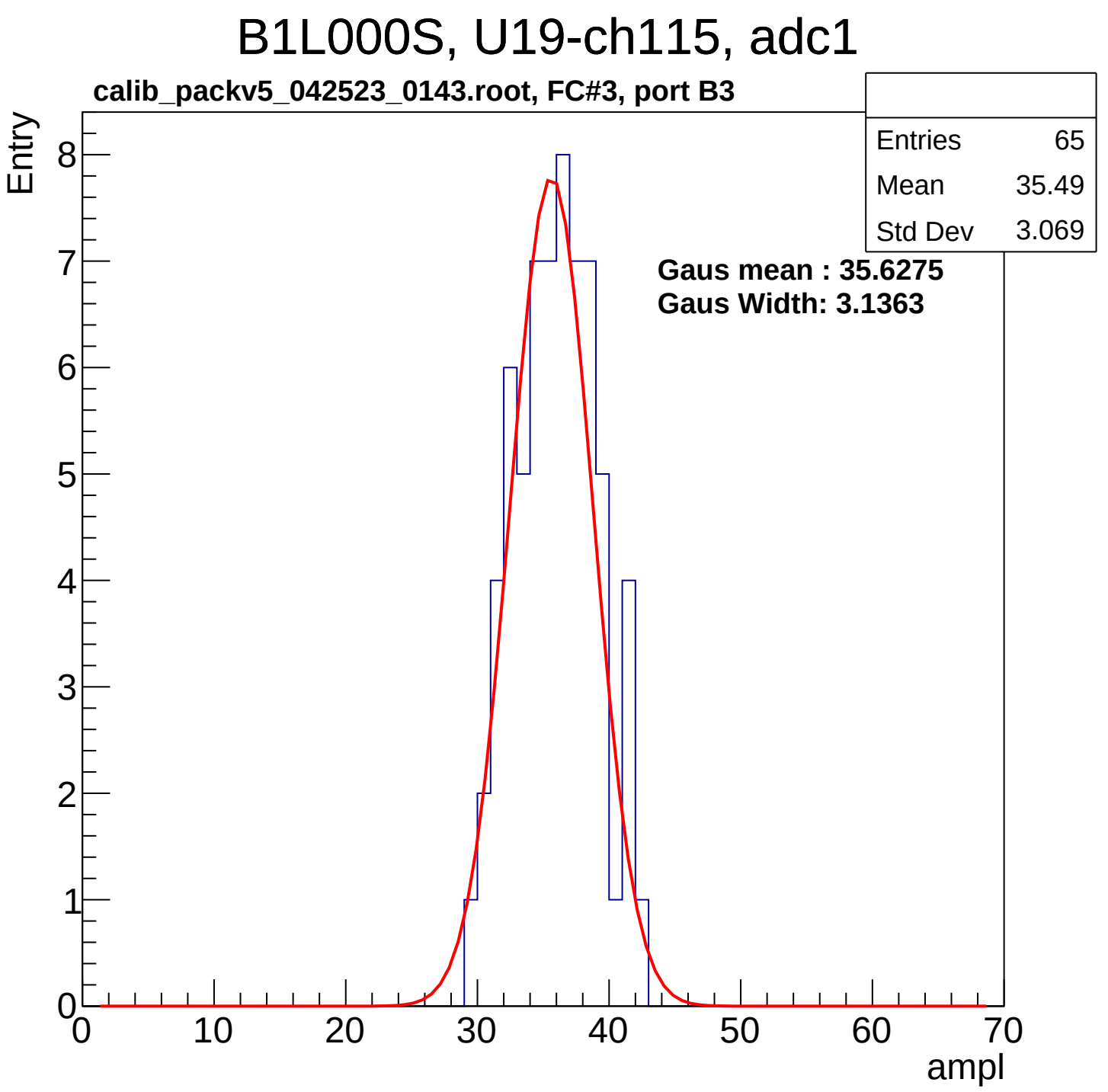
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch115, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 28.78
Std Dev 4.886
Gaus mean : 29.3108
Gaus Width: 3.8663
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch115, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 35.49
Std Dev 3.069
Gaus mean : 35.6275
Gaus Width: 3.1363
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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60
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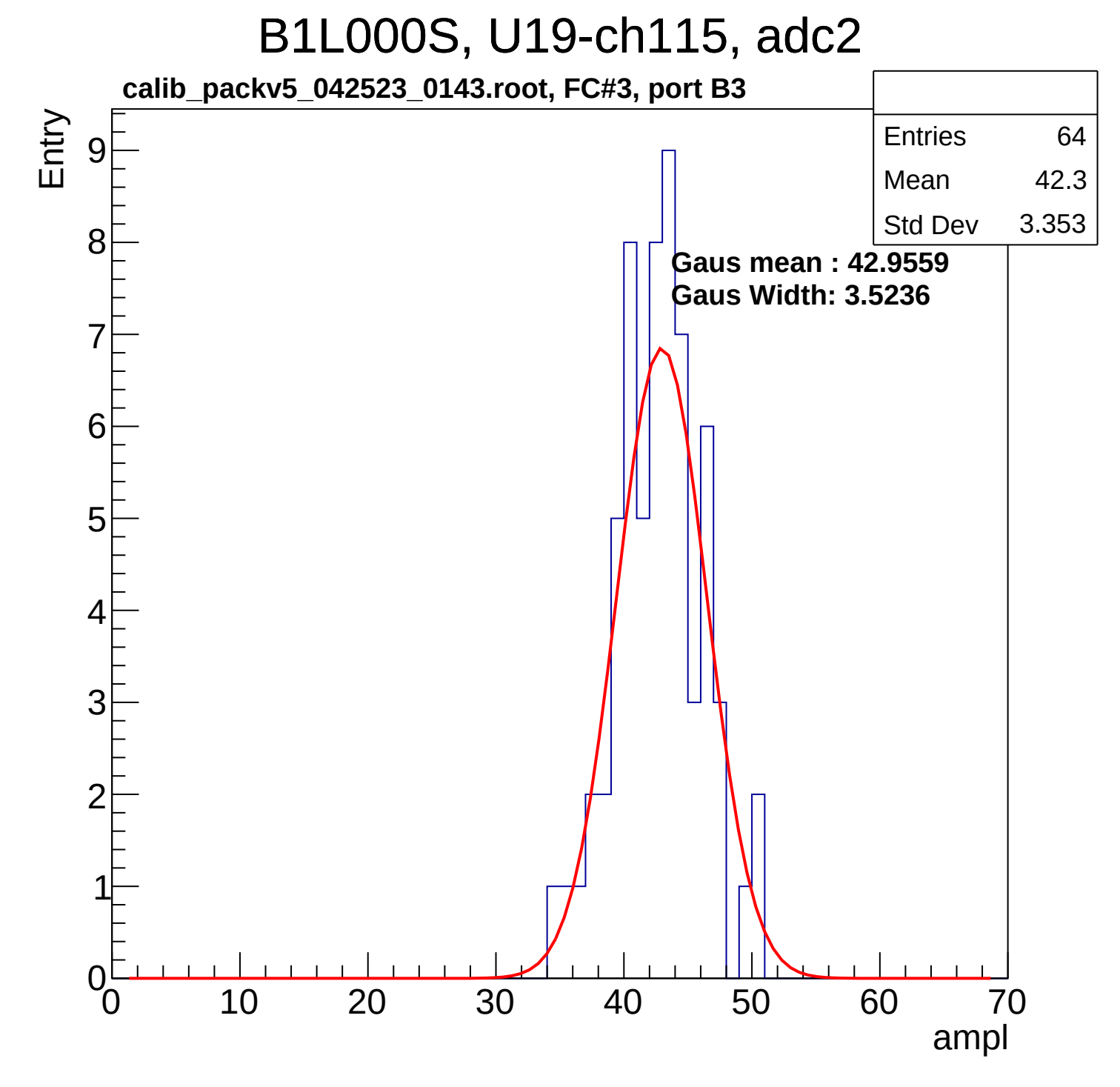
B1L000S, U19-ch115, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 42.3
Std Dev 3.353
Gaus mean : 42.9559
Gaus Width: 3.5236
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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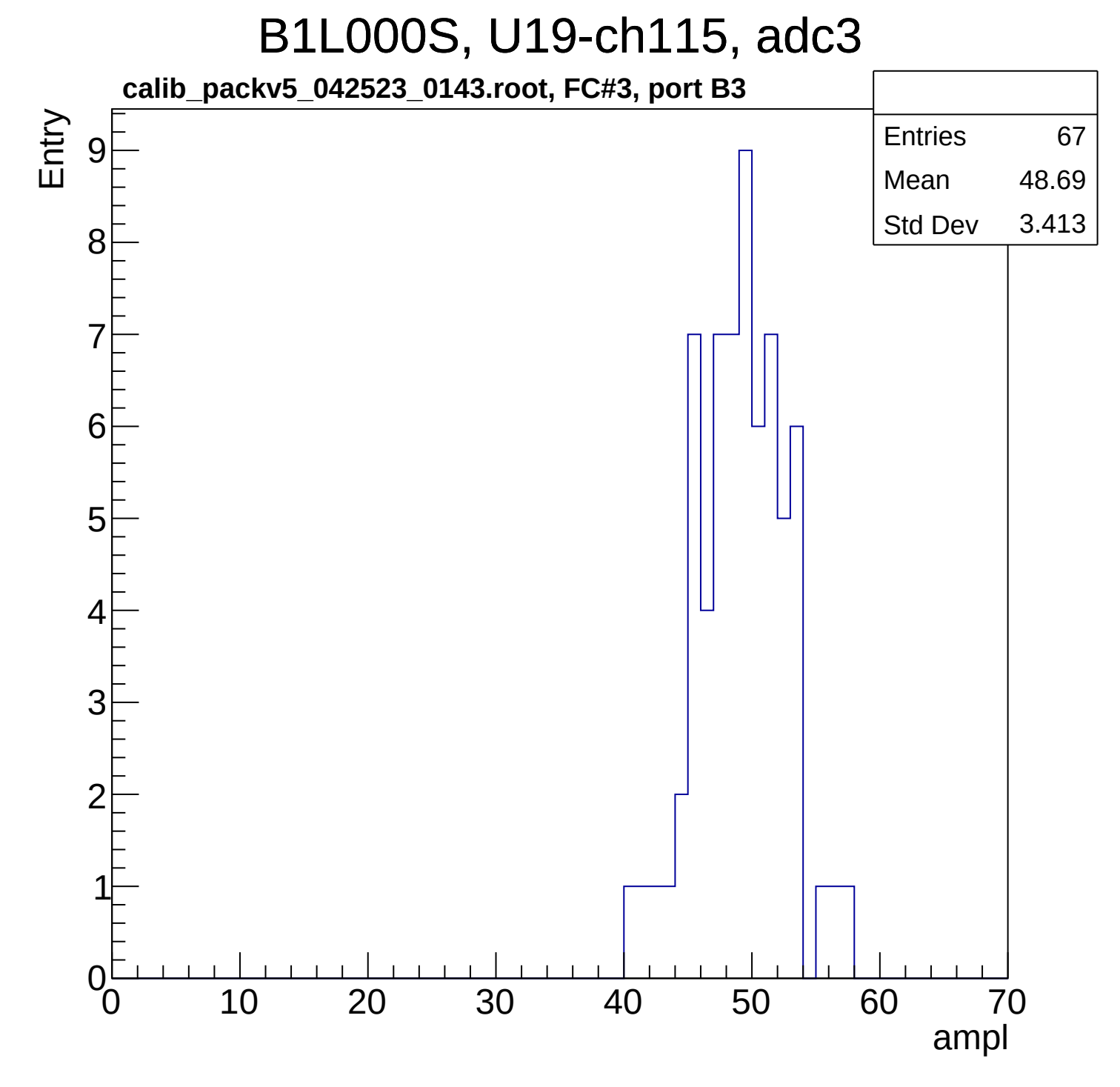
B1L000S, U19-ch115, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 48.69
Std Dev 3.413
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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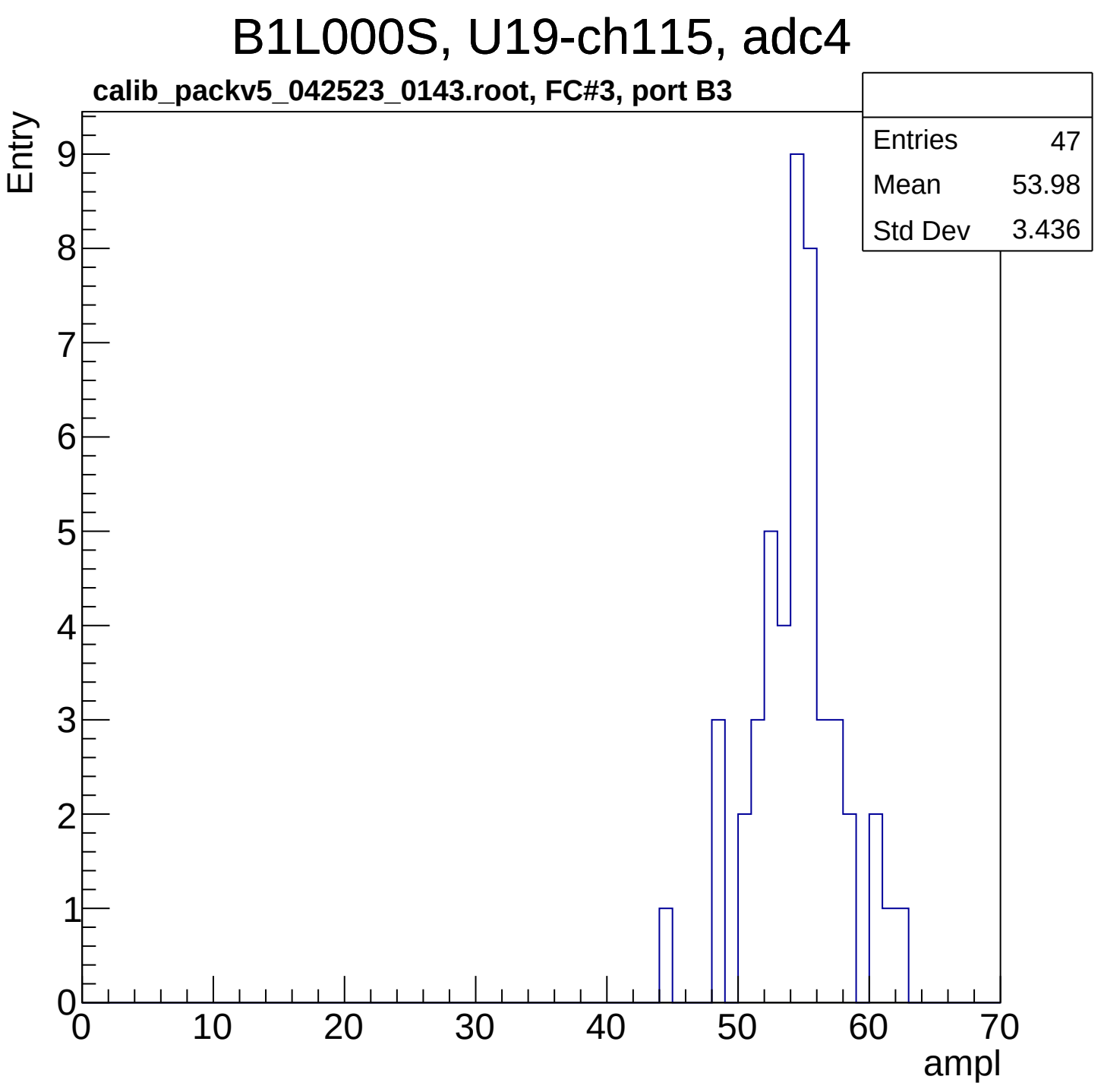
B1L000S, U19-ch115, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 53.98
Std Dev 3.436
Entry
ampl
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6
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0
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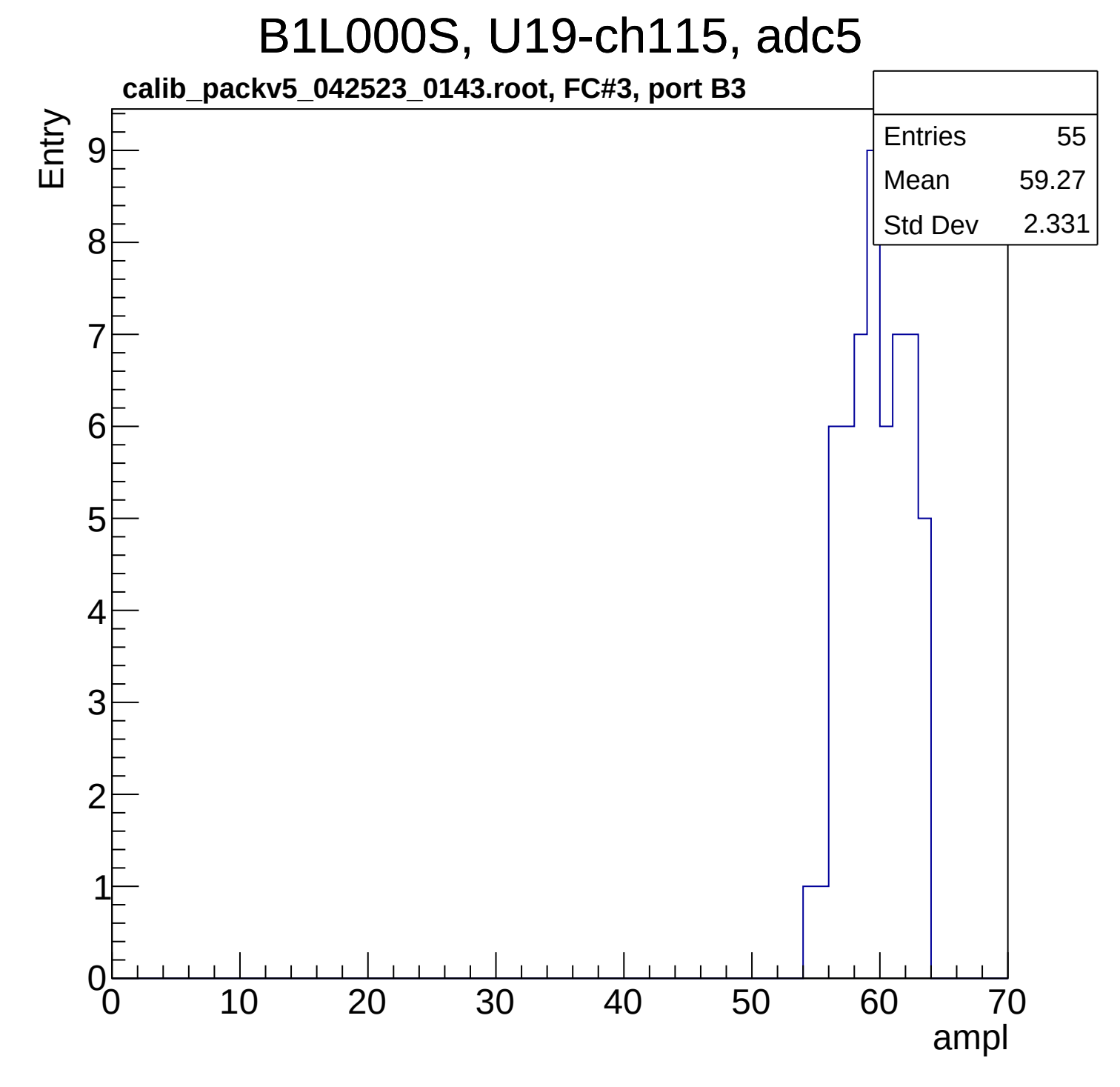
B1L000S, U19-ch115, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 59.27
Std Dev 2.331
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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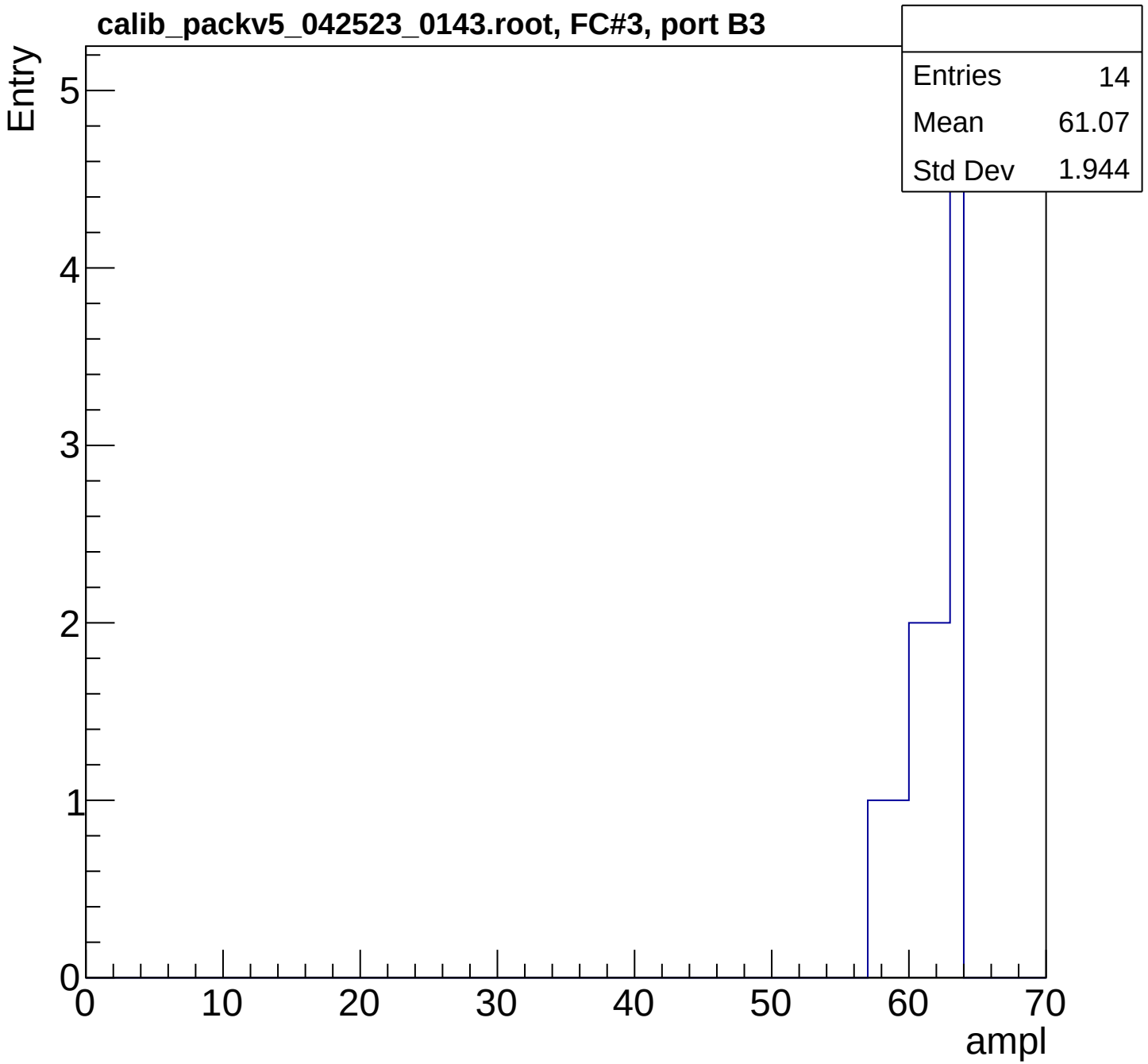
B1L000S, U19-ch115, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 61.07
Std Dev 1.944
Entry
0
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2
3
4
5
0
10
20
30
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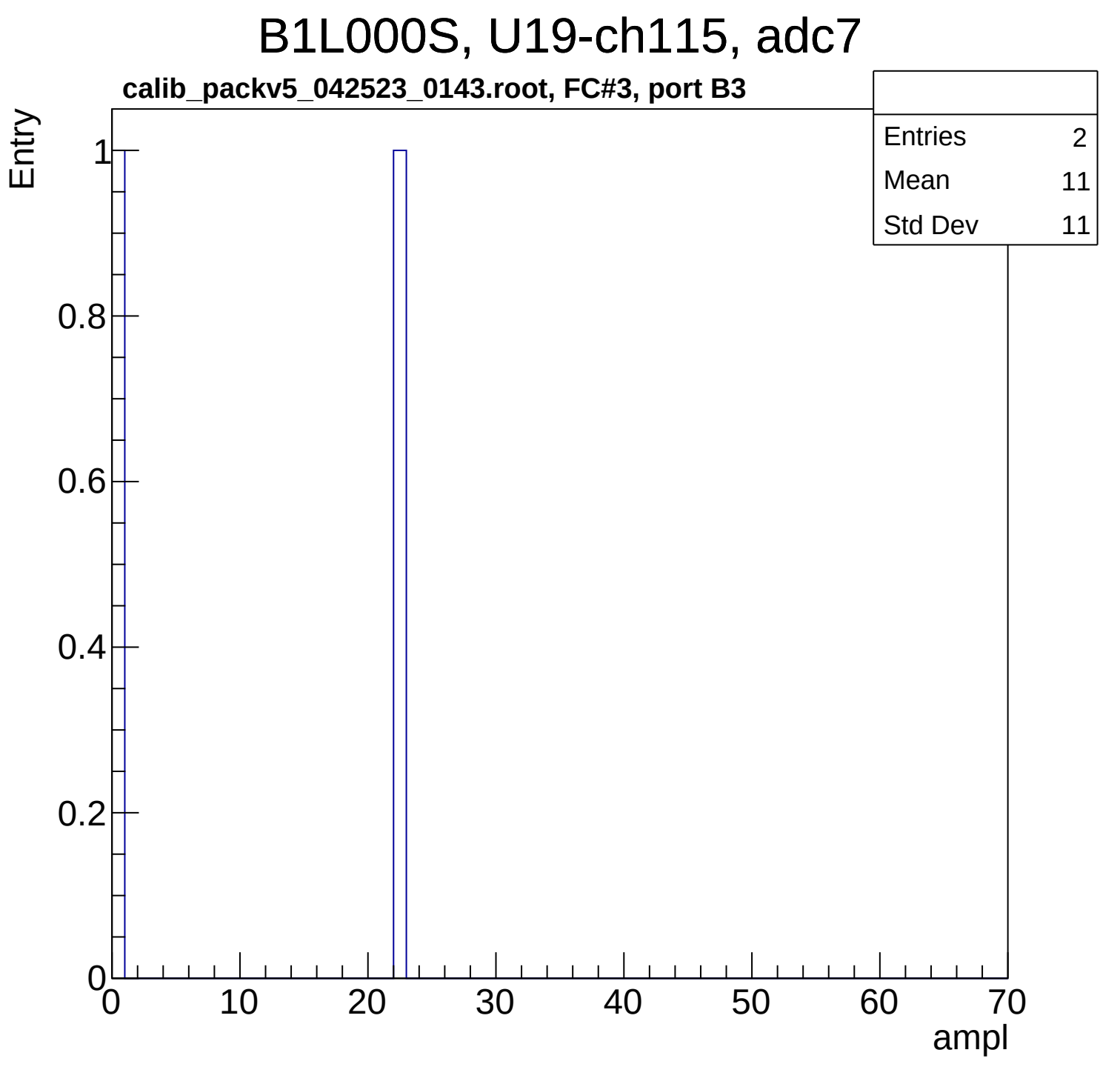
50
60
70
ampl


B1L000S, U19-ch115, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 11
Std Dev 11
Entry
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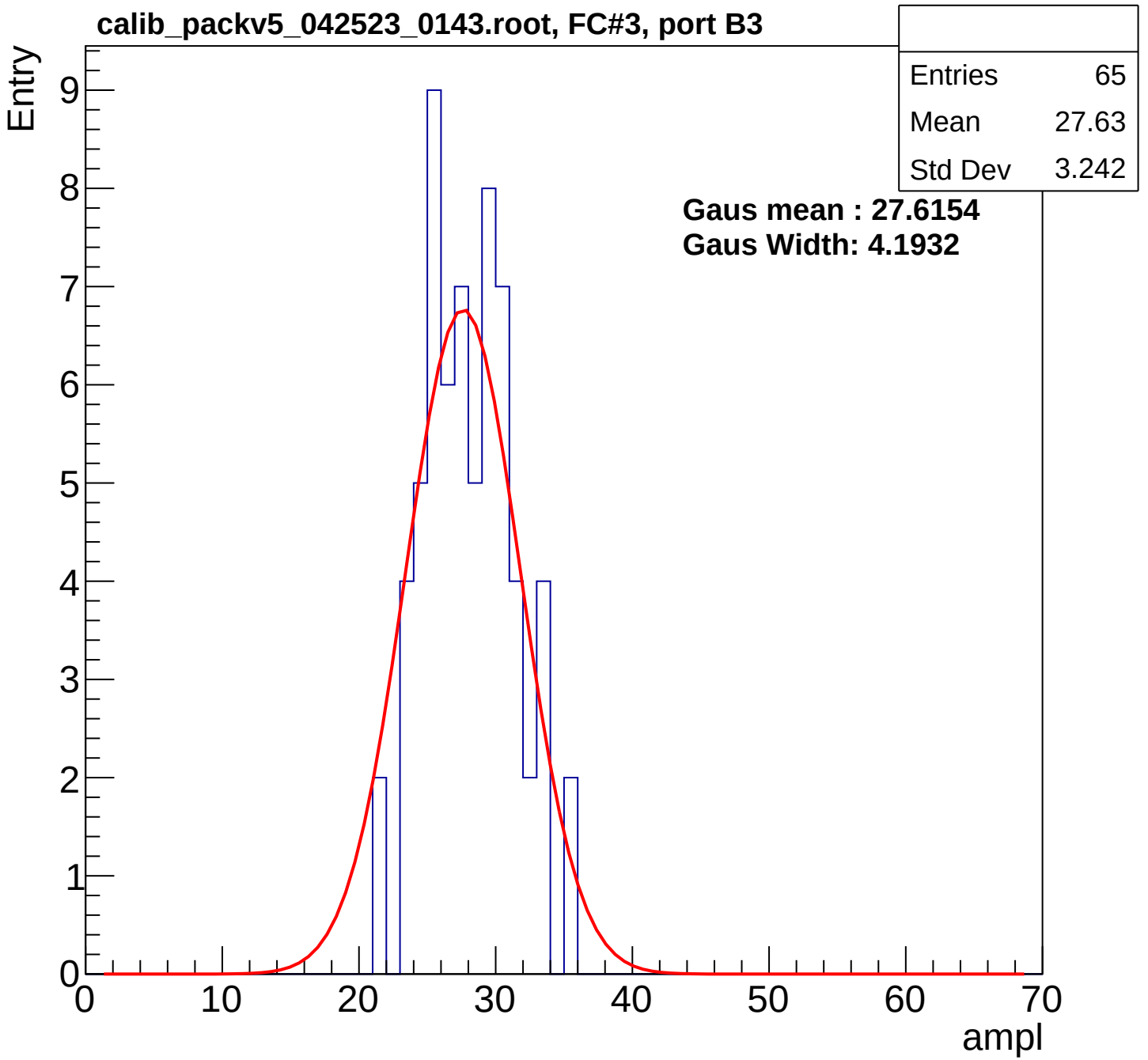
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch116, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 27.63
Std Dev 3.242
Gaus mean : 27.6154
Gaus Width: 4.1932
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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40
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60
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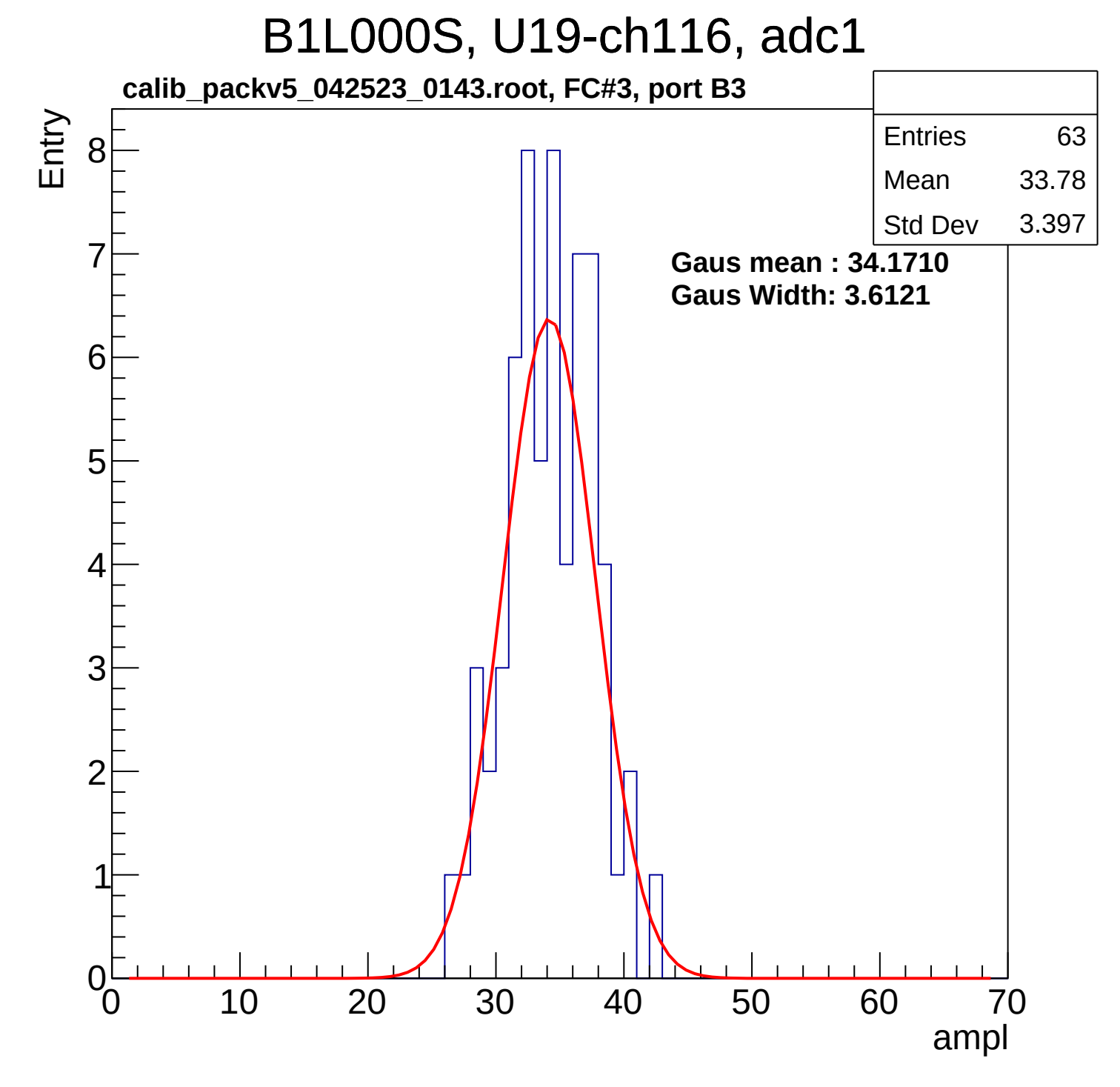
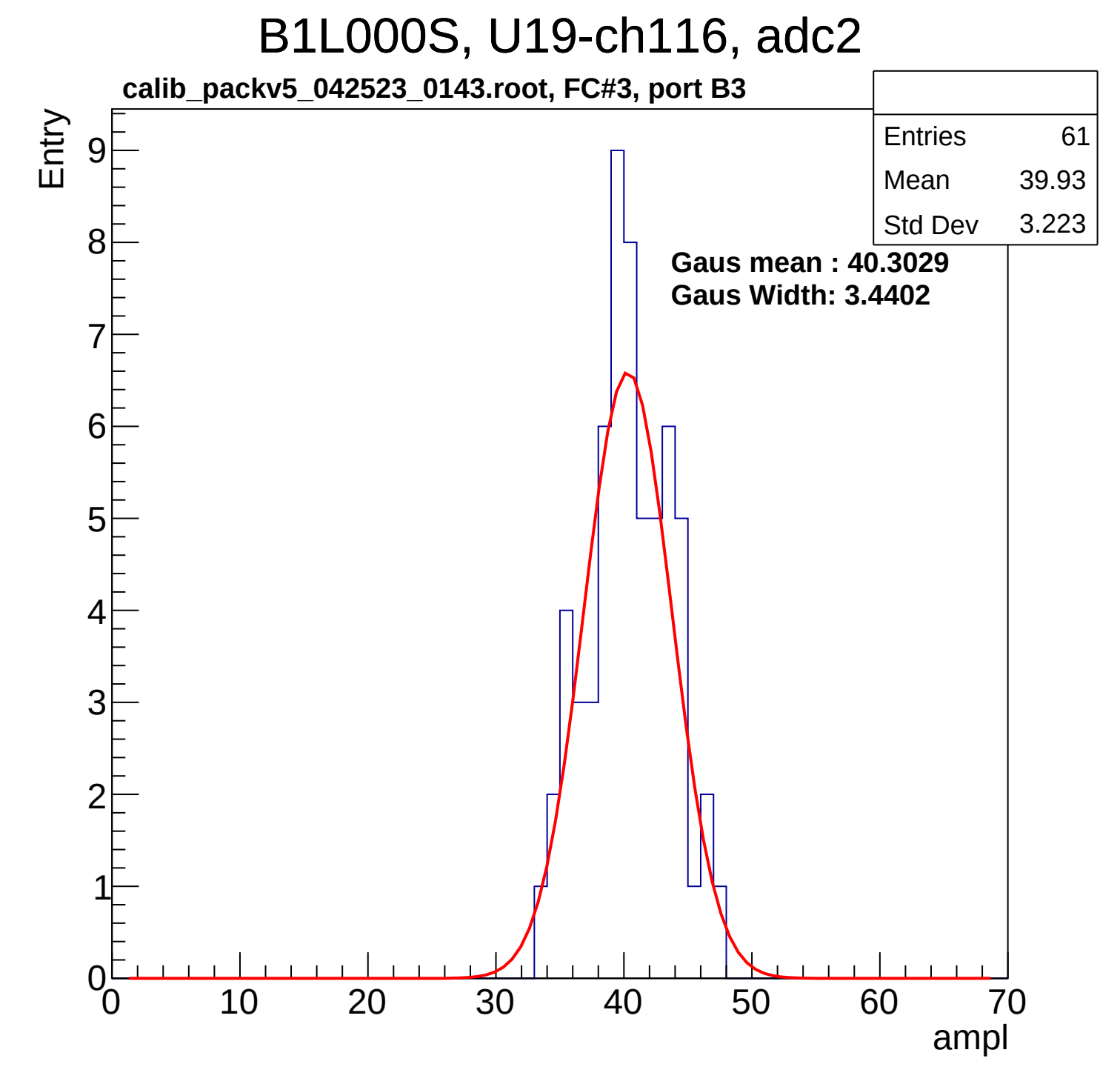

B1L000S, U19-ch116, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 33.78
Std Dev 3.397
Gaus mean : 34.1710
Gaus Width: 3.6121
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch116, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 39.93
Std Dev 3.223
Gaus mean : 40.3029
Gaus Width: 3.4402
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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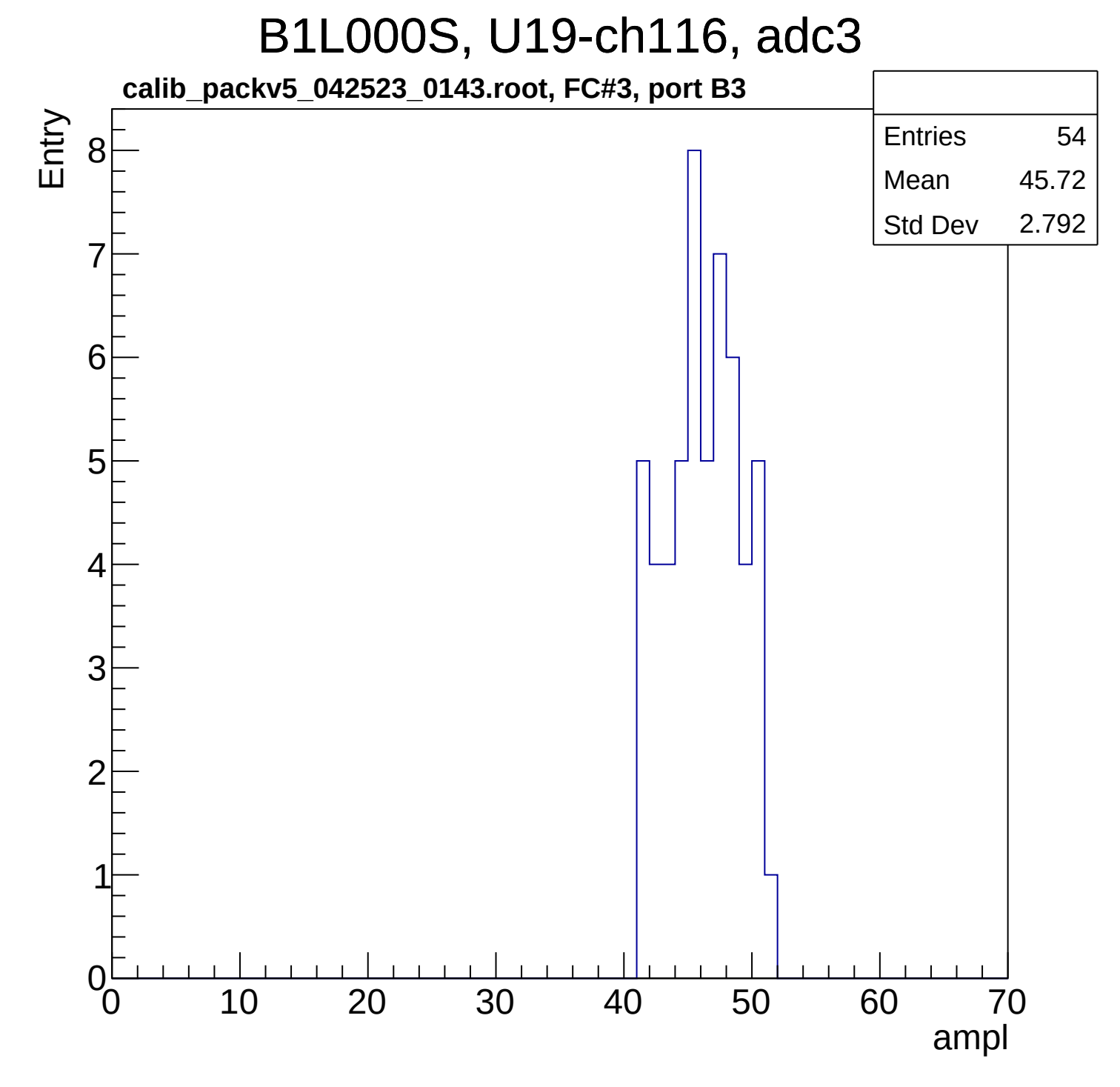
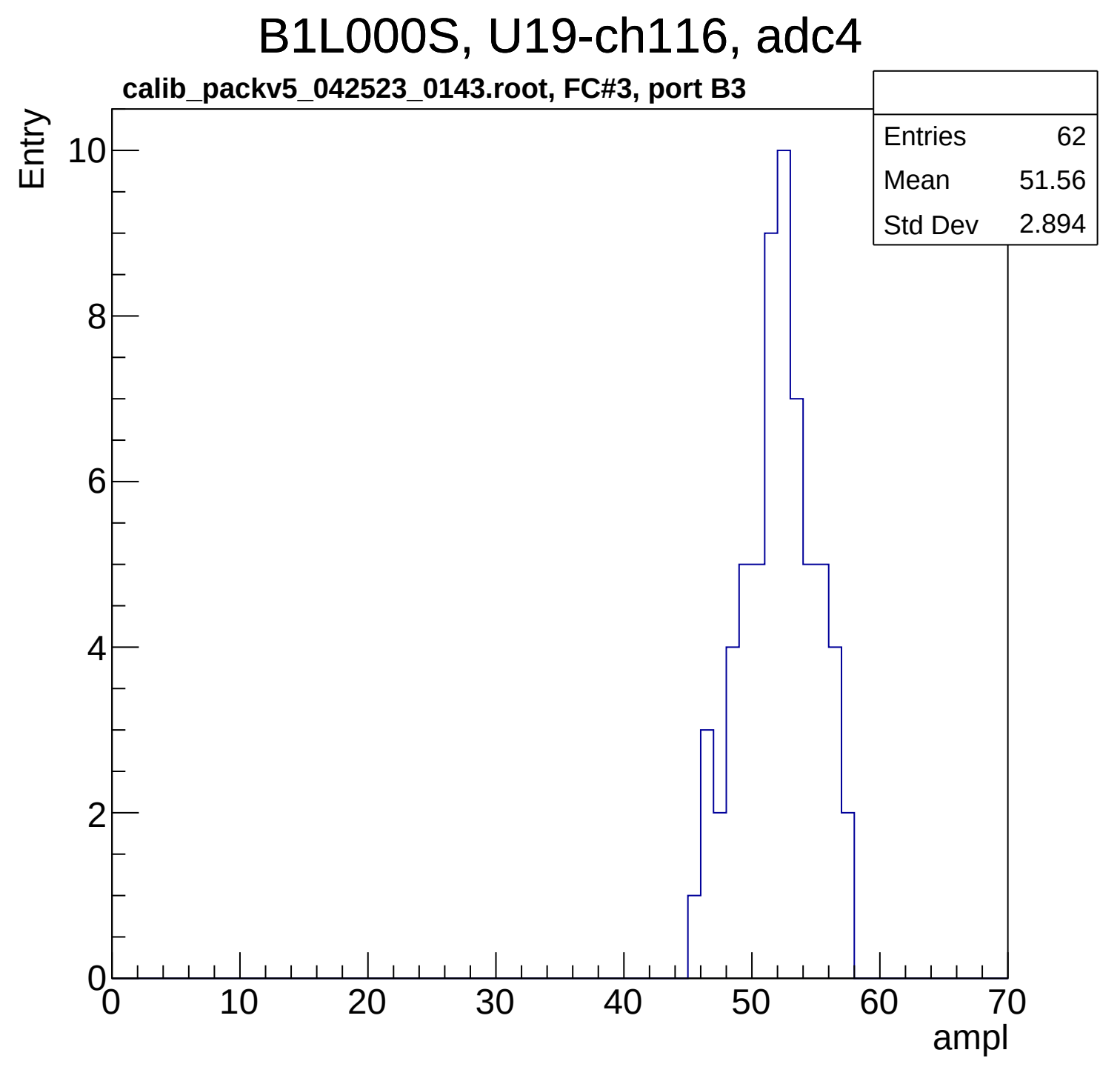
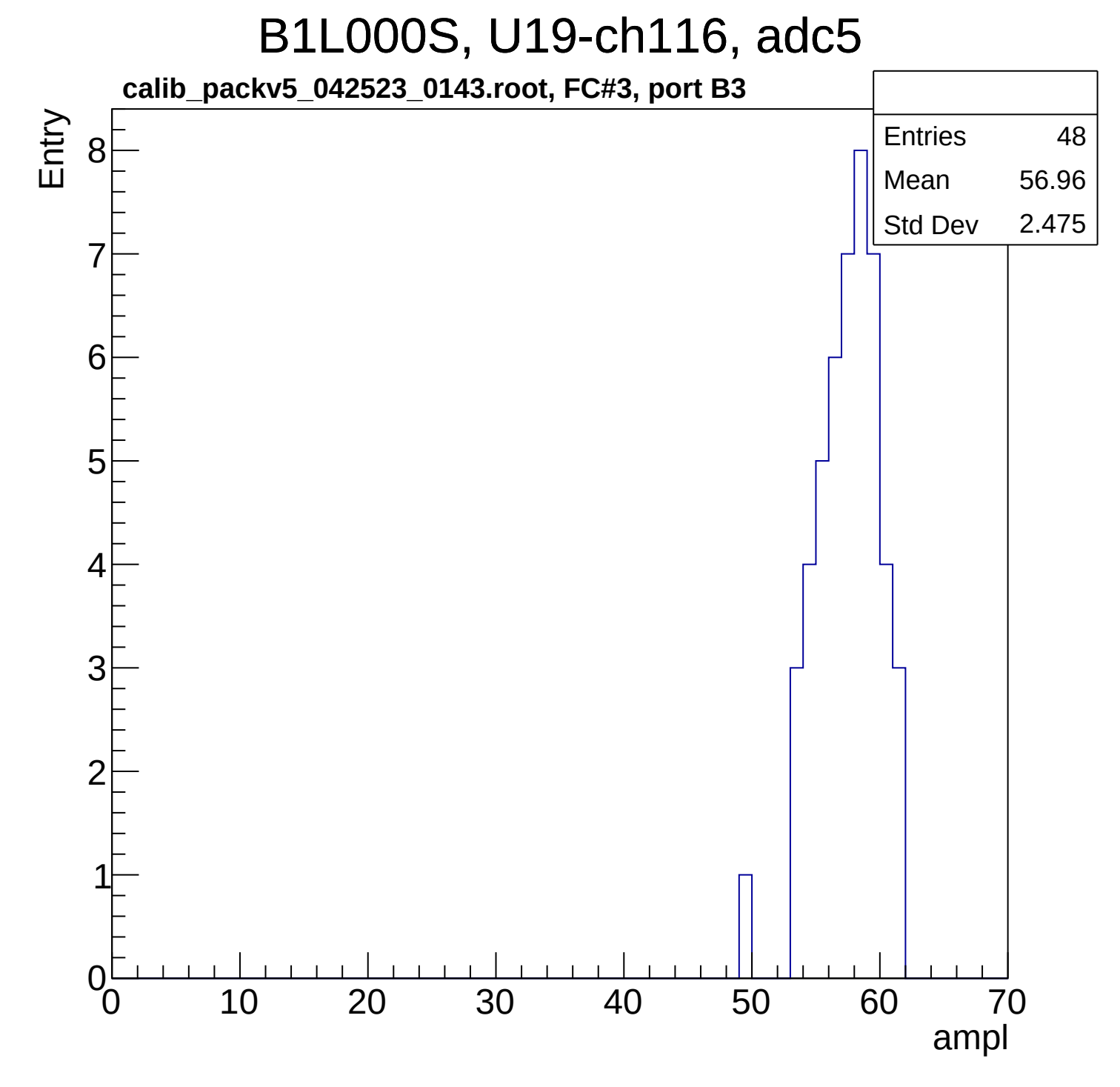
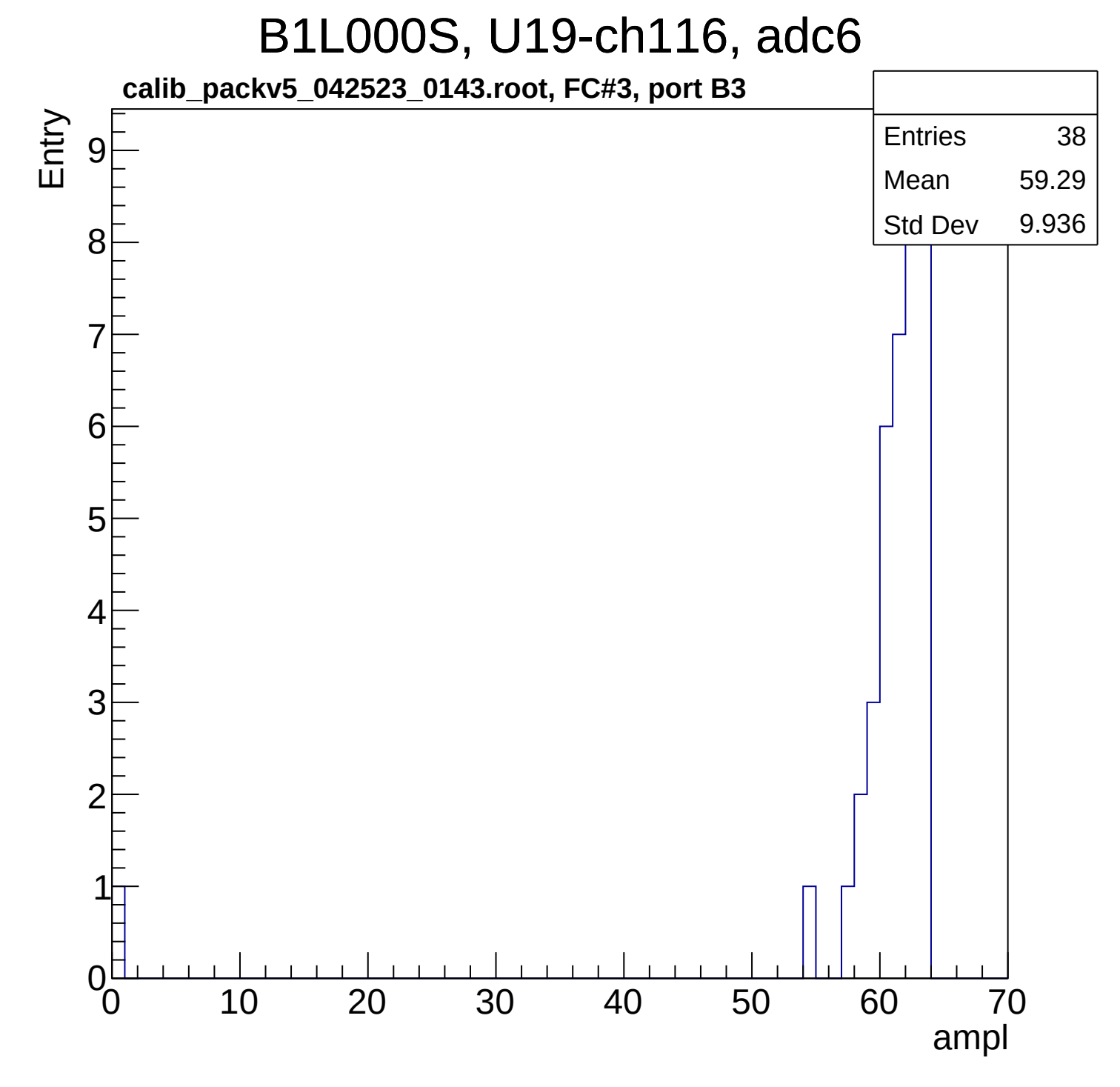
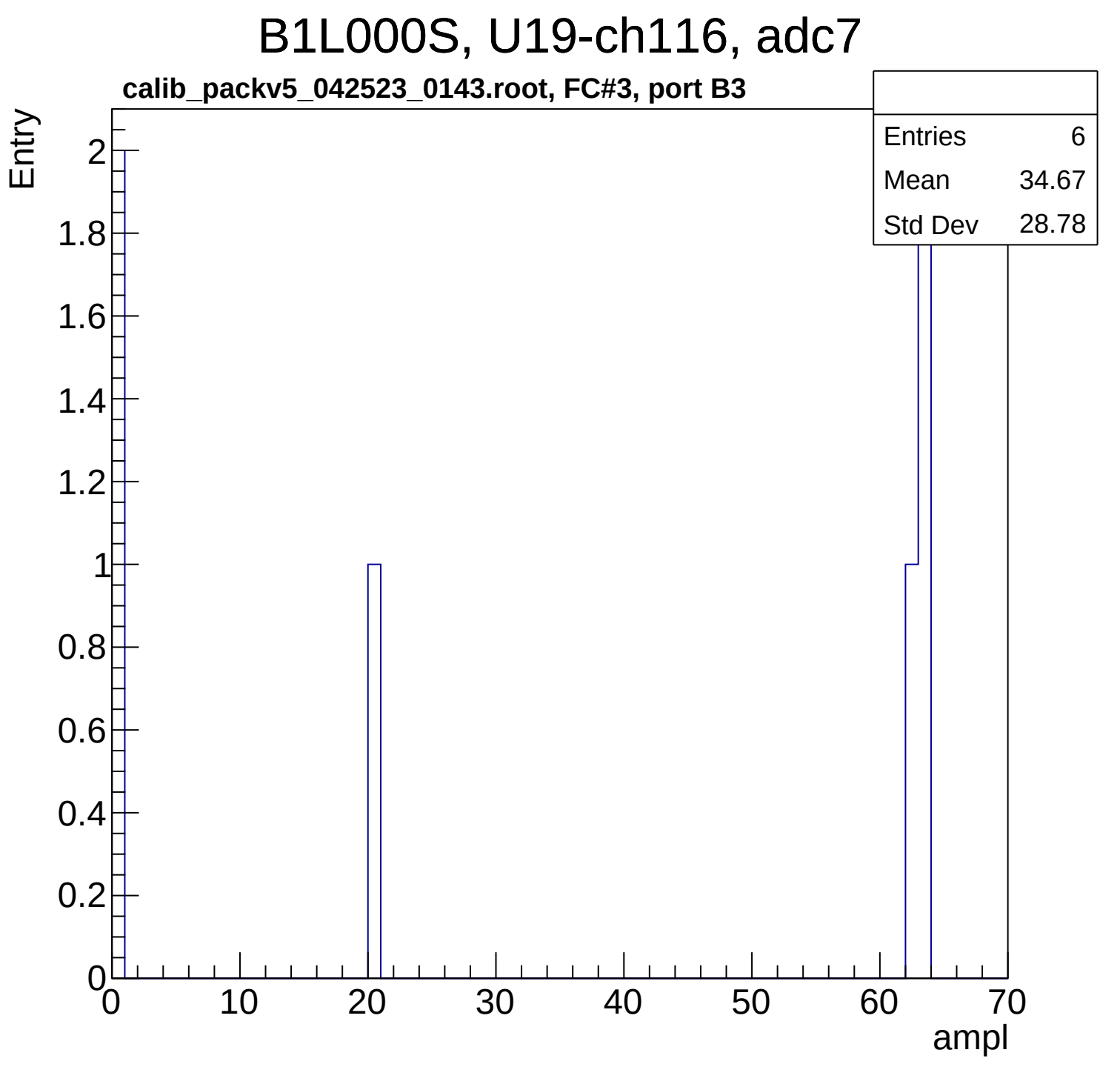
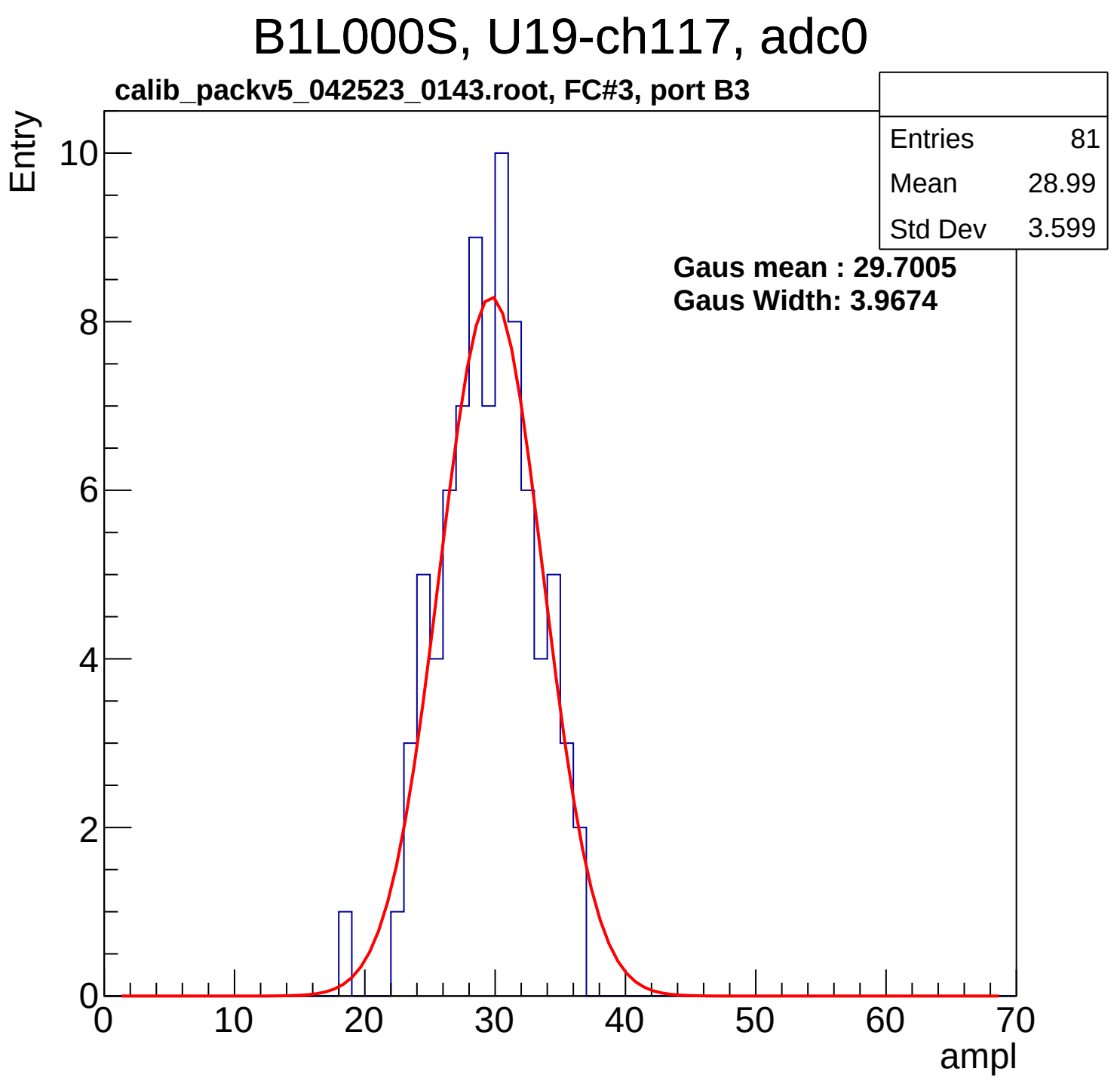

B1L000S, U19-ch116, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 45.72
Std Dev 2.792
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

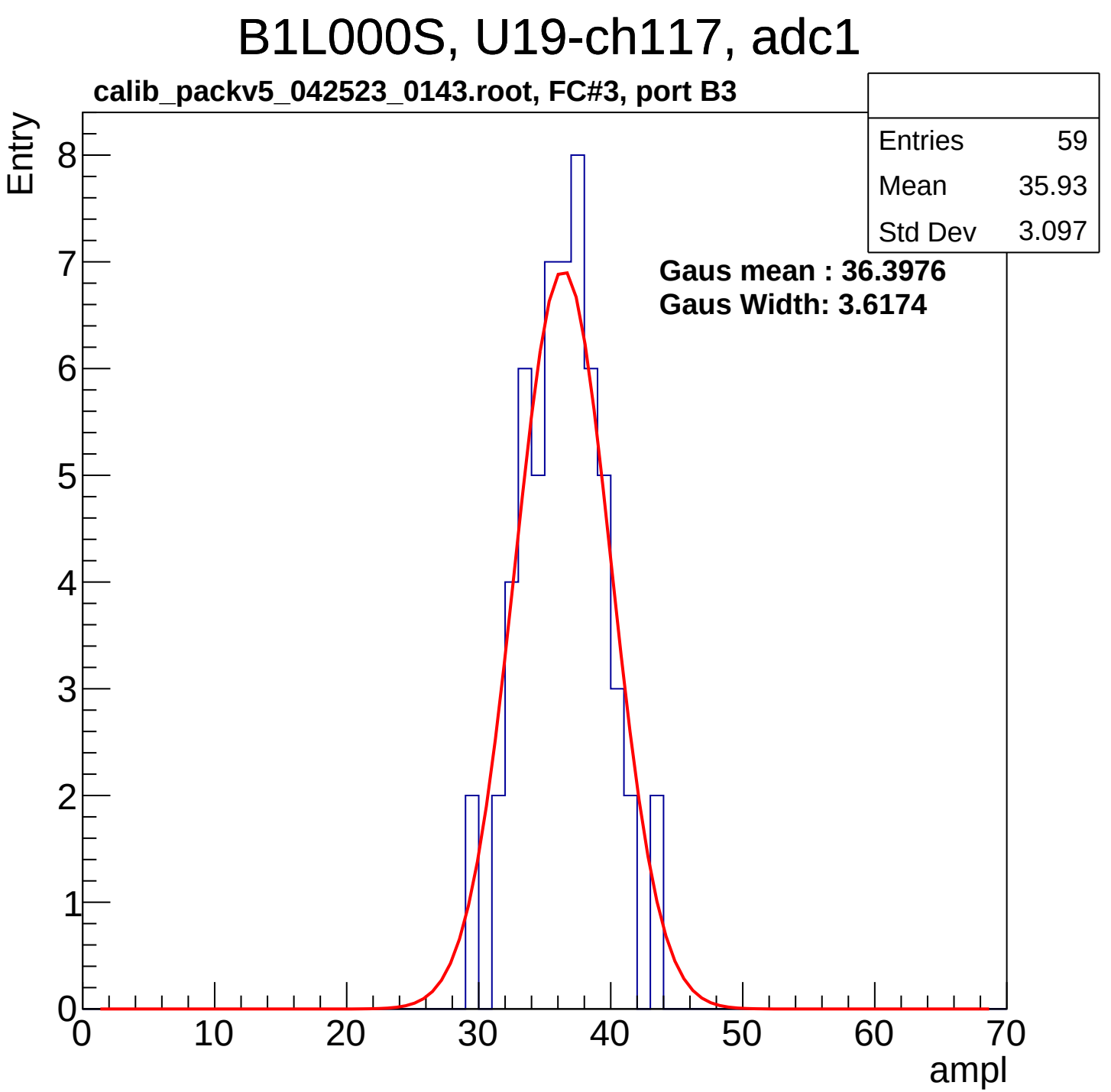

B1L000S, U19-ch116, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 51.56
Std Dev 2.894
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

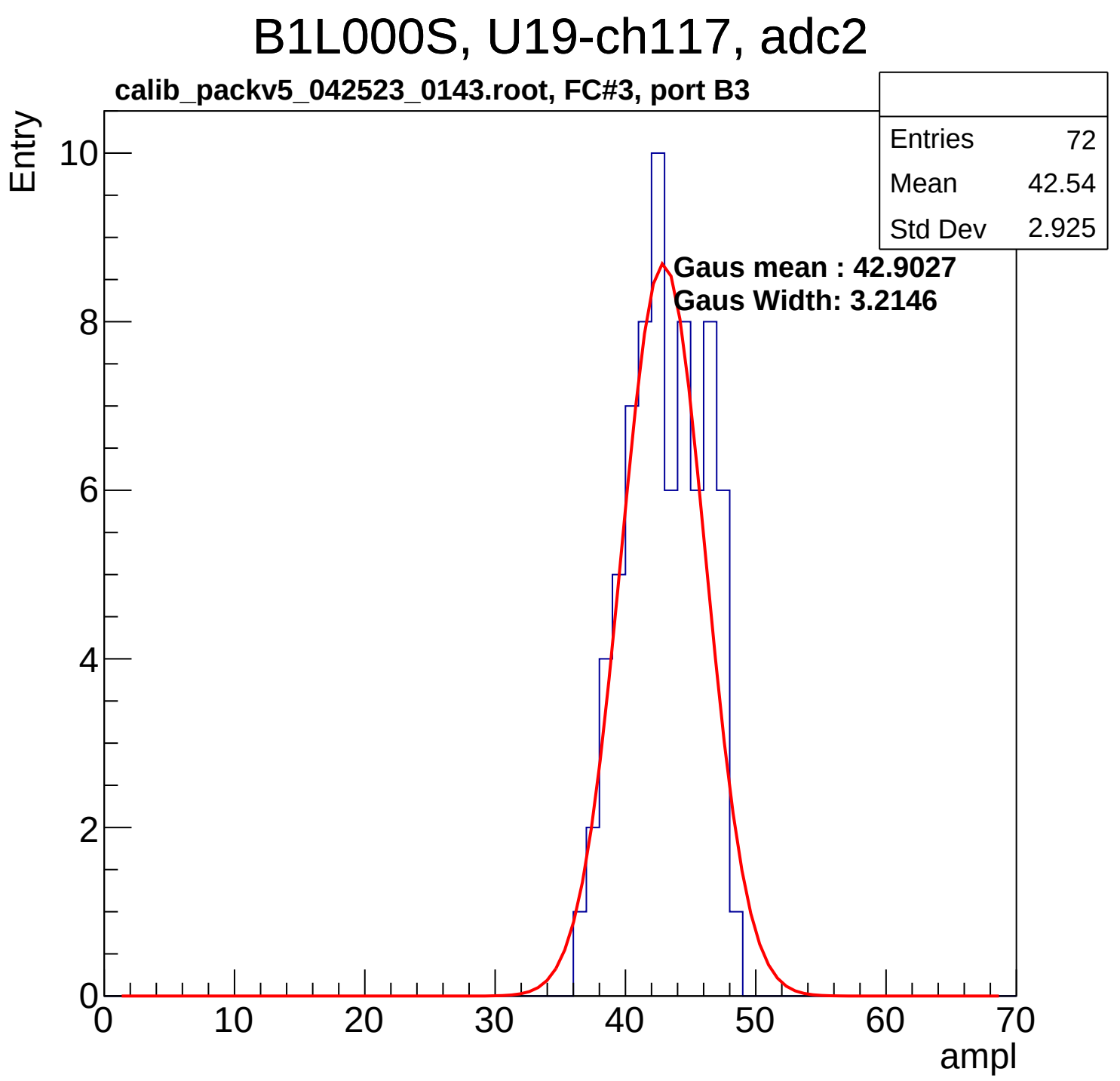

B1L000S, U19-ch116, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 56.96
Std Dev 2.475
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

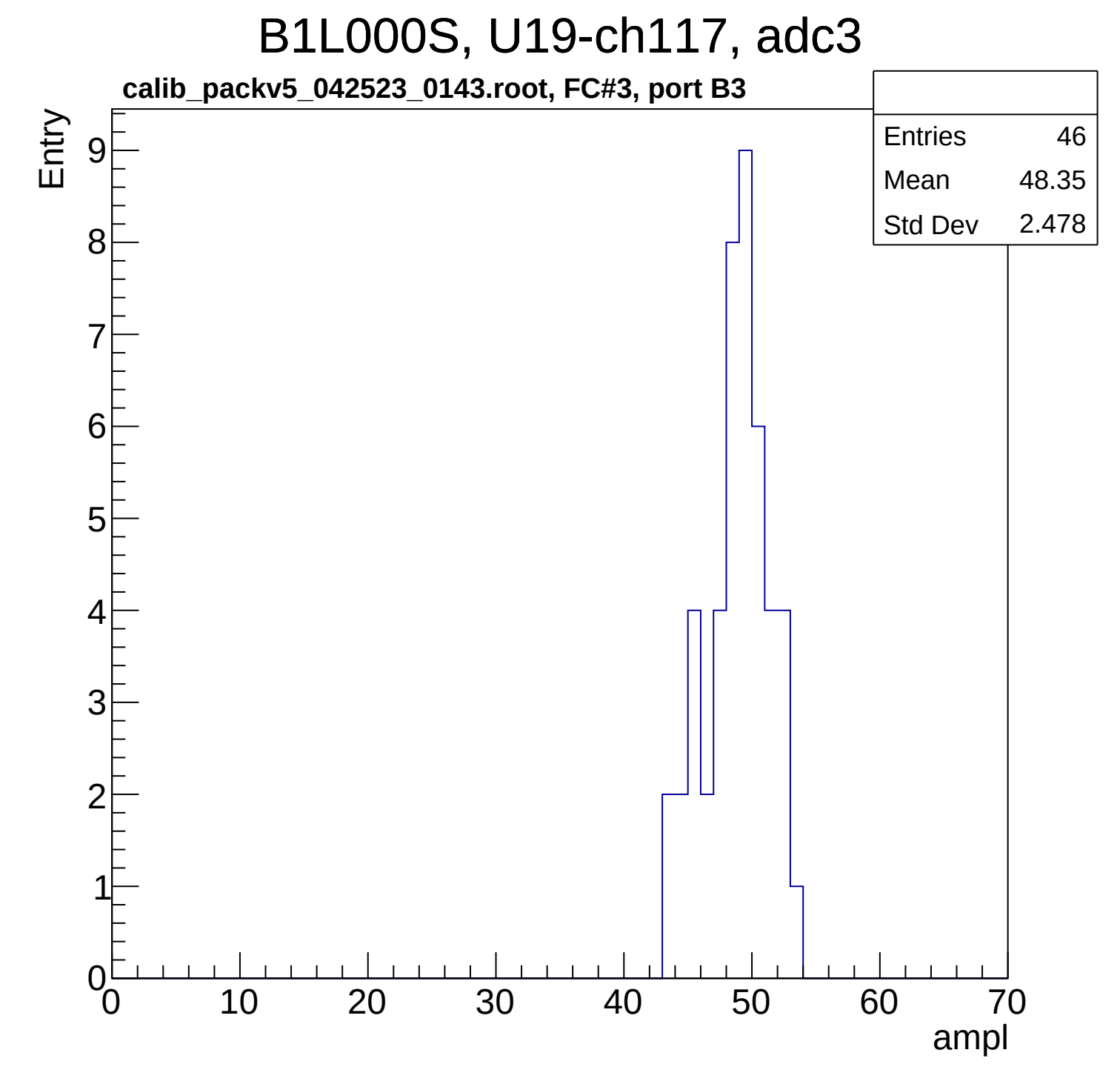

B1L000S, U19-ch116, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 38
Mean 59.29
Std Dev 9.936
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

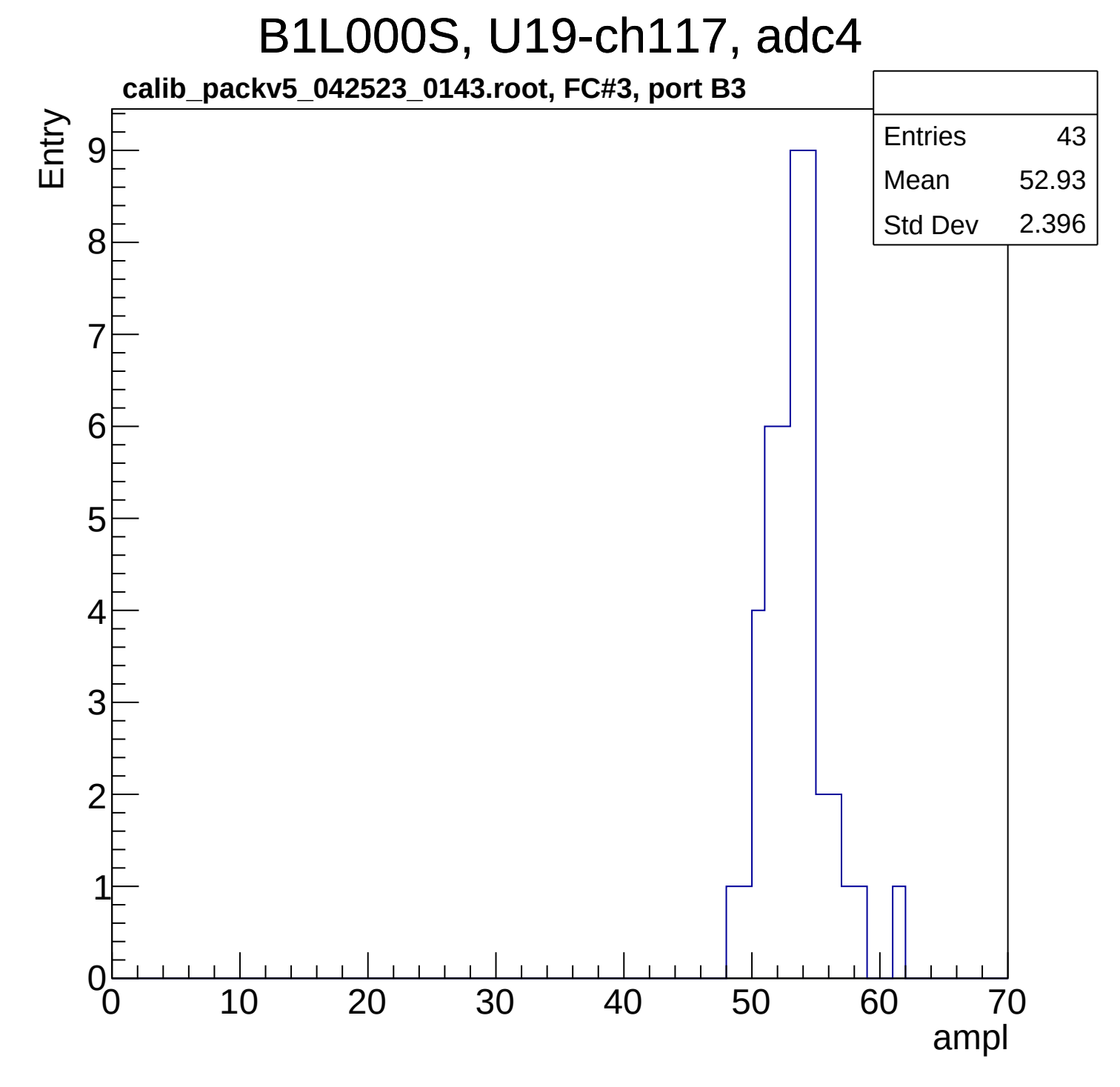

B1L000S, U19-ch116, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 34.67
Std Dev 28.78
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L000S, U19-ch117, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 81
Mean 28.99
Std Dev 3.599
Gaus mean : 29.7005
Gaus Width: 3.9674
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch117, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 35.93
Std Dev 3.097
Gaus mean : 36.3976
Gaus Width: 3.6174
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch117, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 42.54
Std Dev 2.925
Gaus mean : 42.9027
Gaus Width: 3.2146
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch117, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 48.35
Std Dev 2.478
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch117, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 52.93
Std Dev 2.396
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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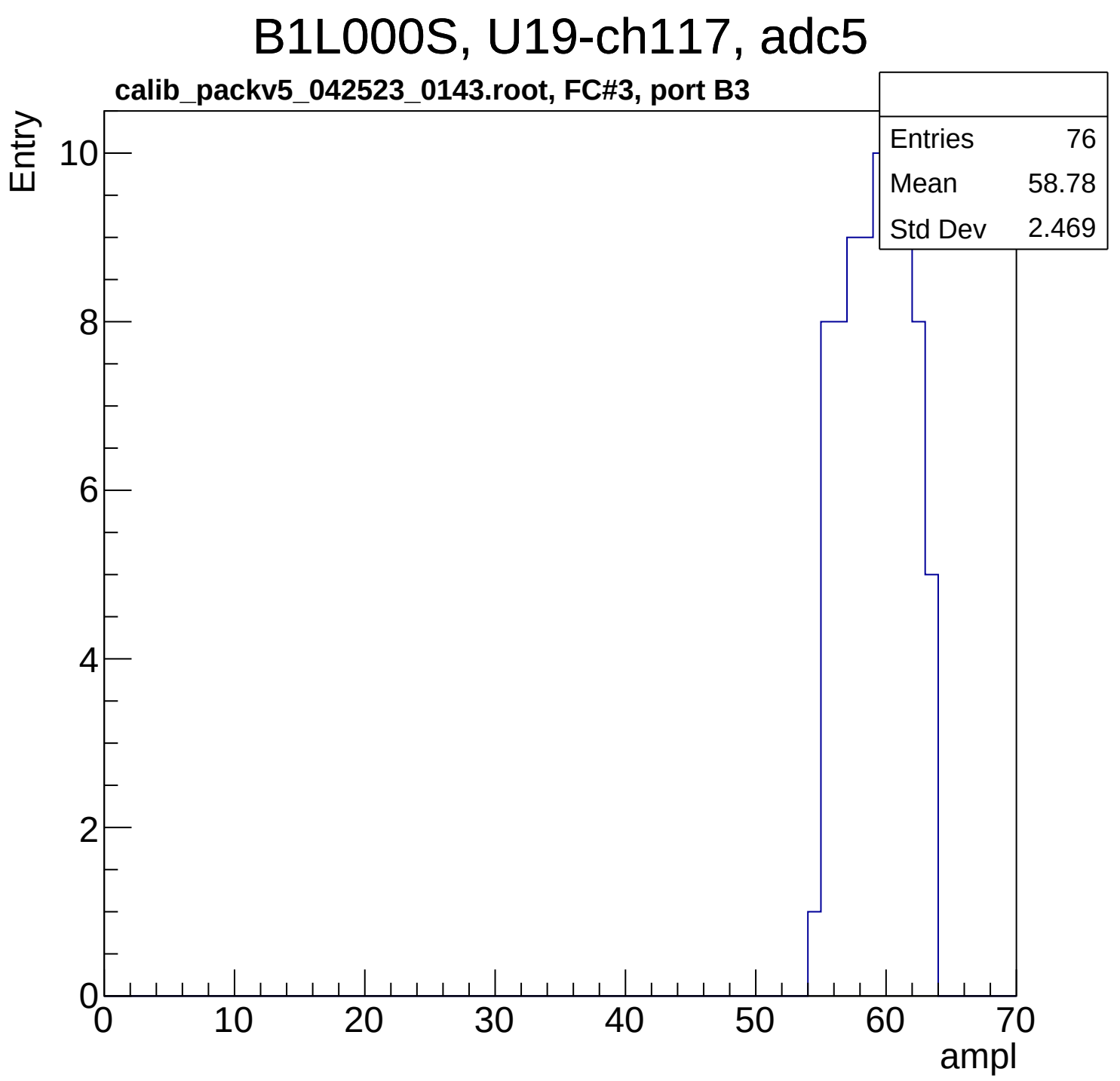
B1L000S, U19-ch117, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 58.78
Std Dev 2.469
Entry
ampl
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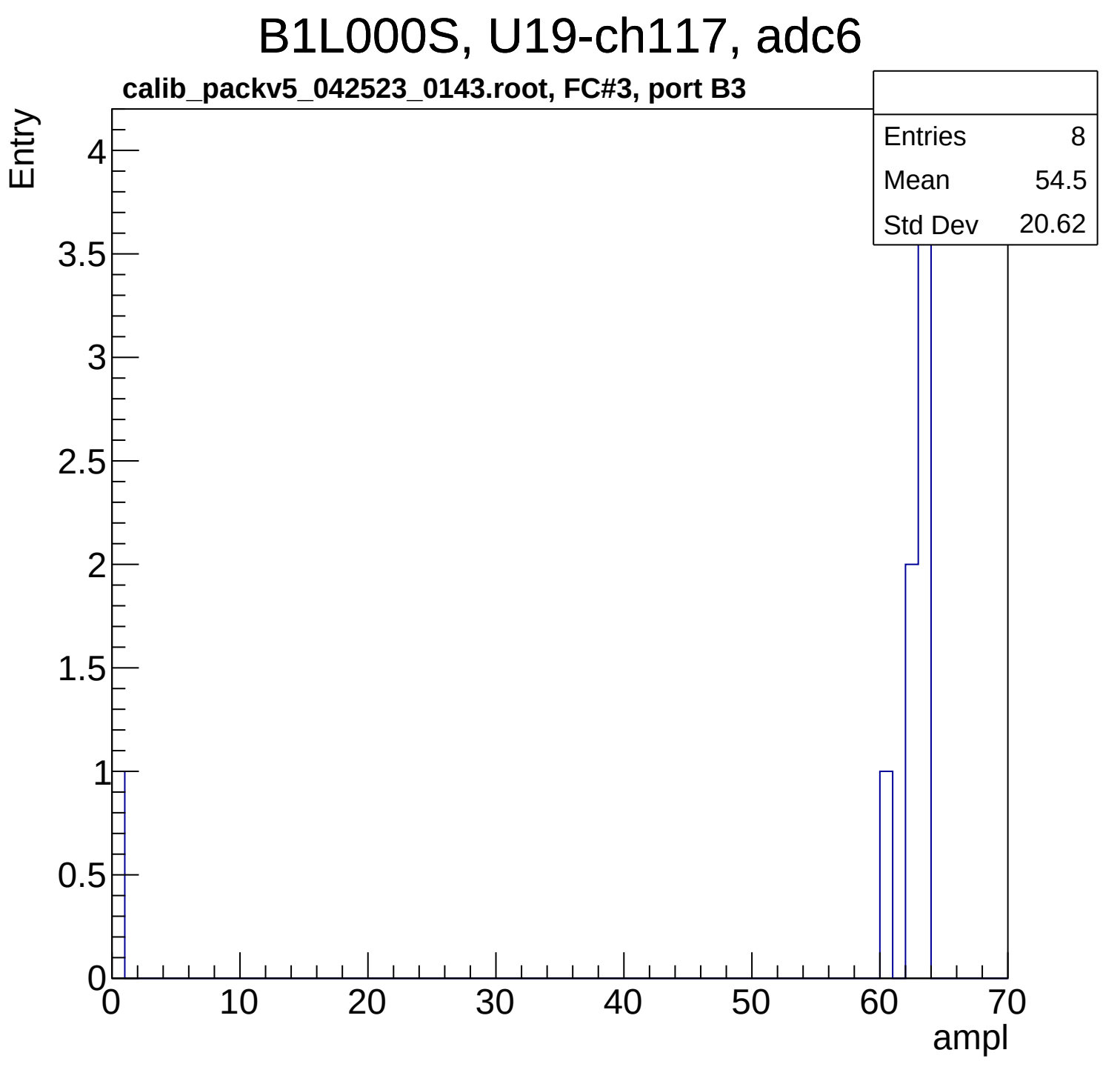
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch117, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 54.5
Std Dev 20.62
Entry
ampl
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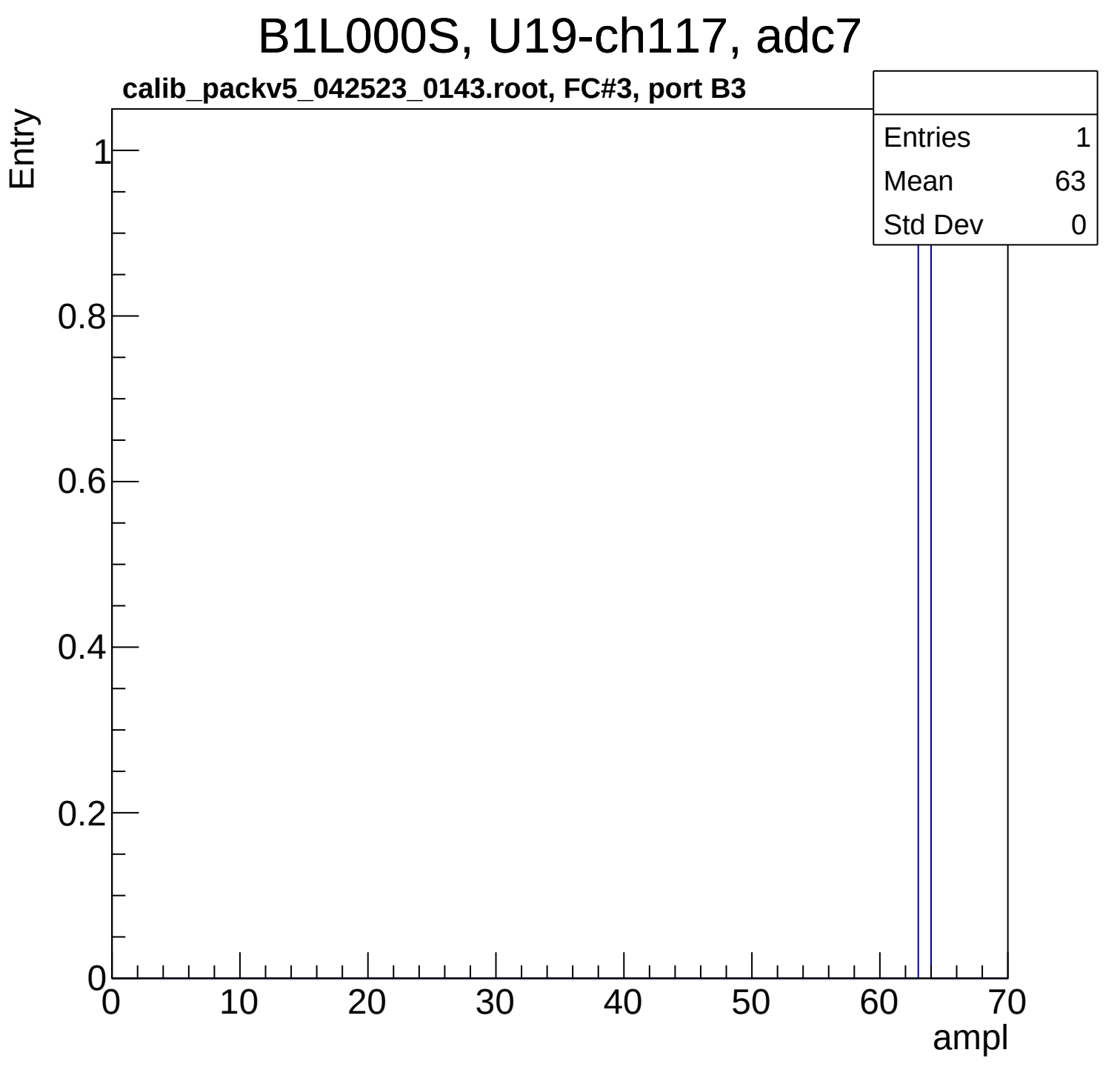
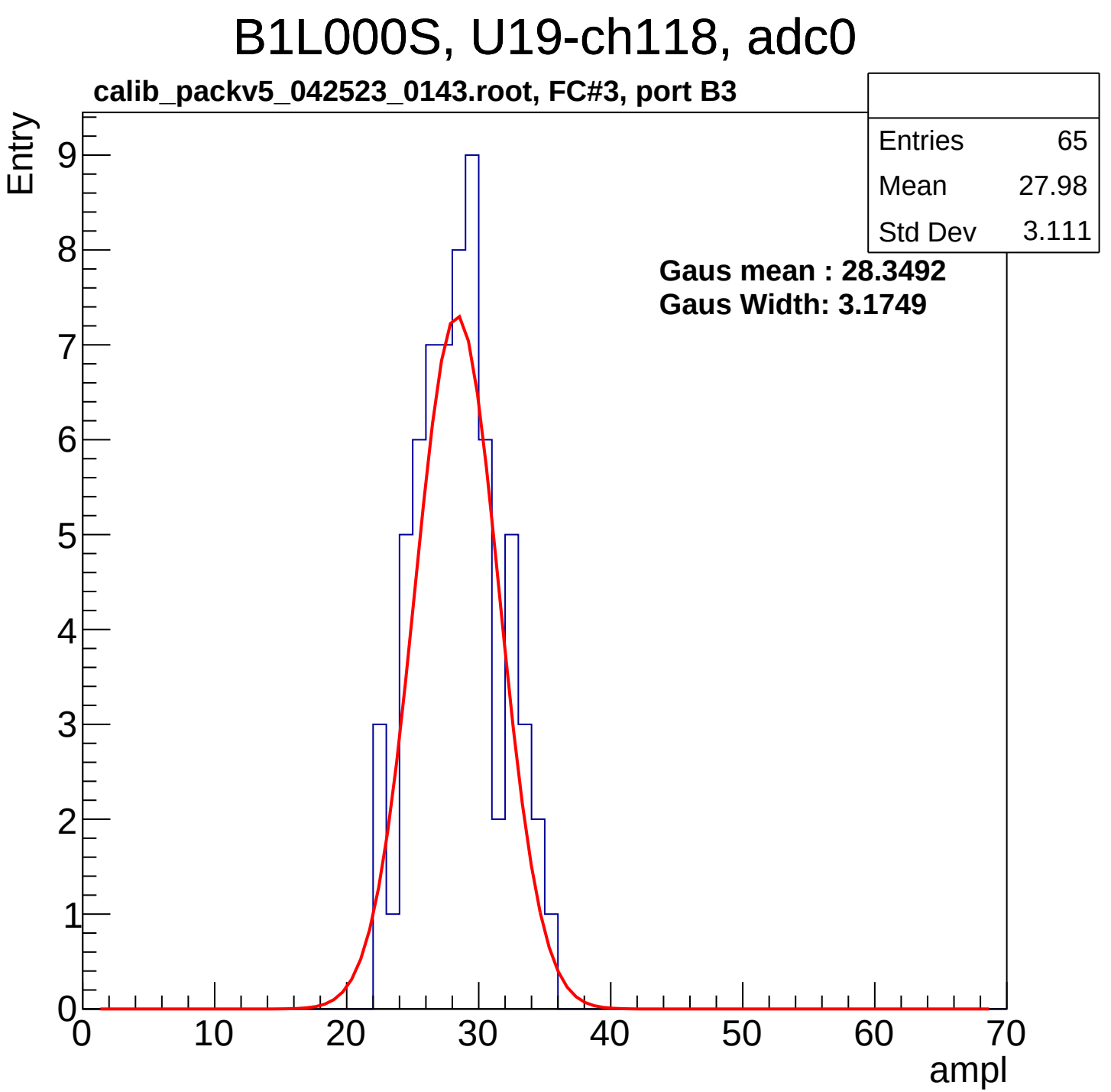
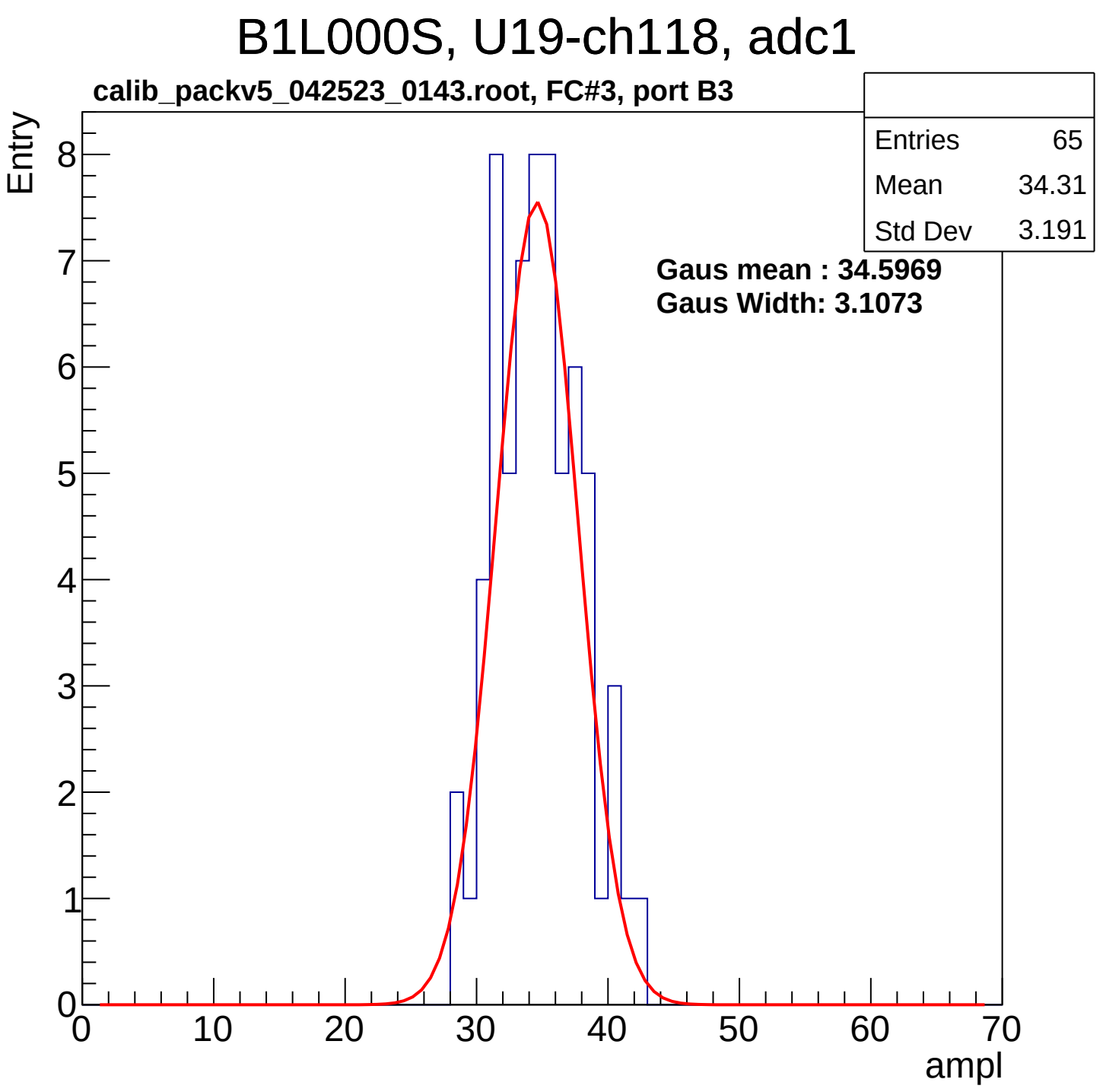
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U19-ch117, 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, U19-ch118, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 27.98
Std Dev 3.111
Gaus mean : 28.3492
Gaus Width: 3.1749
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch118, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 34.31
Std Dev 3.191
Gaus mean : 34.5969
Gaus Width: 3.1073
Entry
ampl
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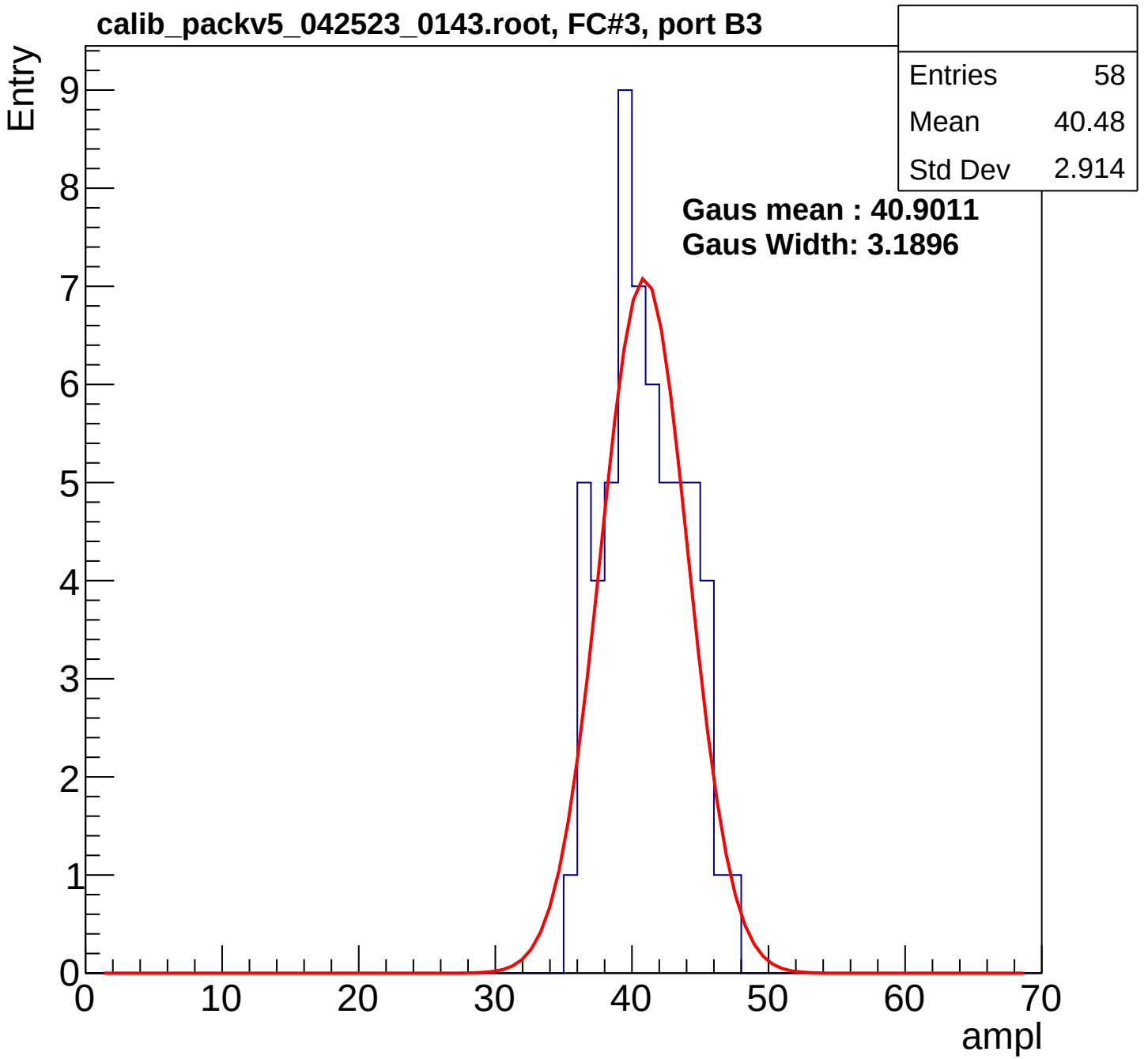
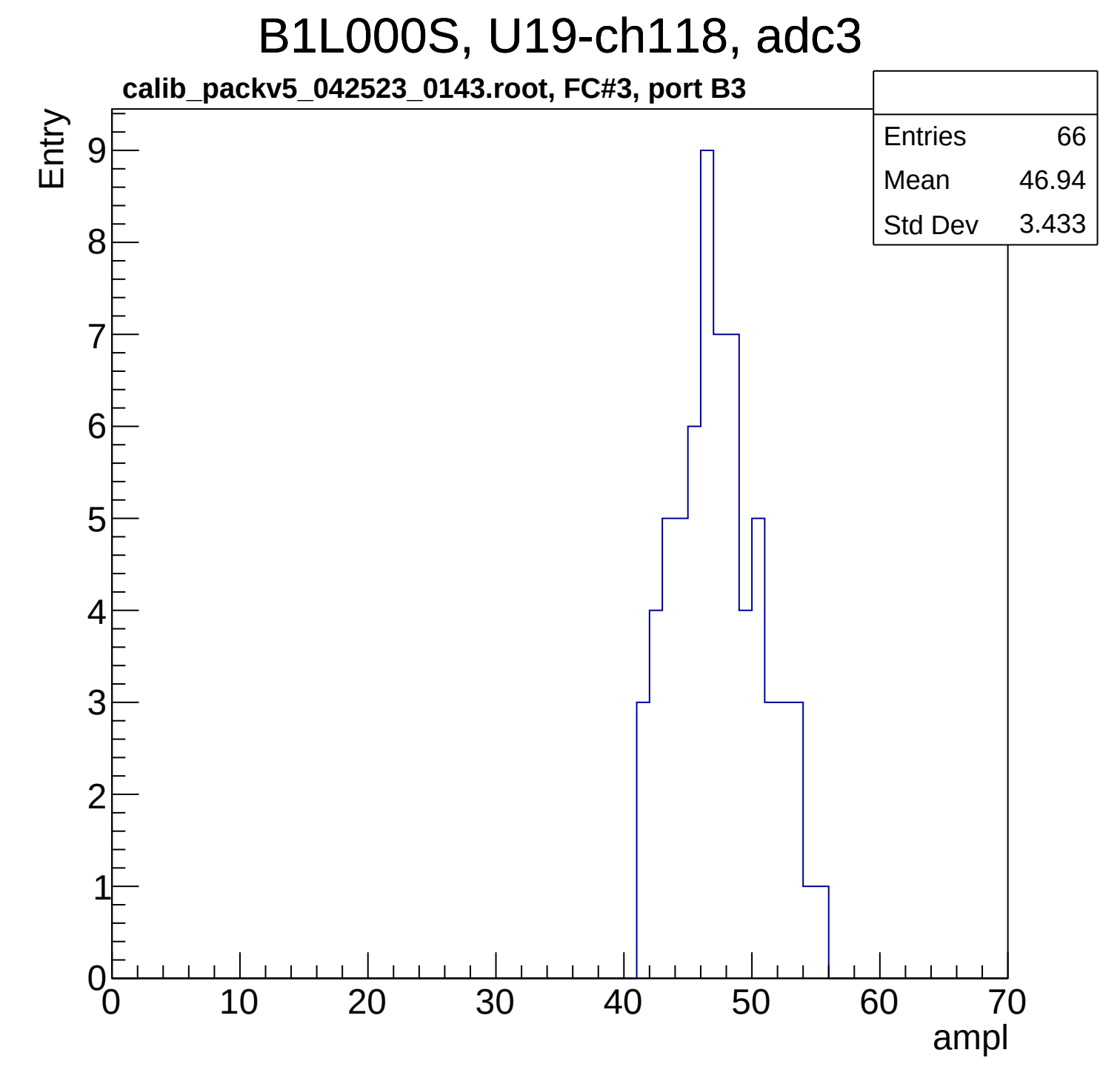
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch118, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 40.48
Std Dev 2.914
Gaus mean : 40.9011
Gaus Width: 3.1896
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch118, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 46.94
Std Dev 3.433
Entry
ampl
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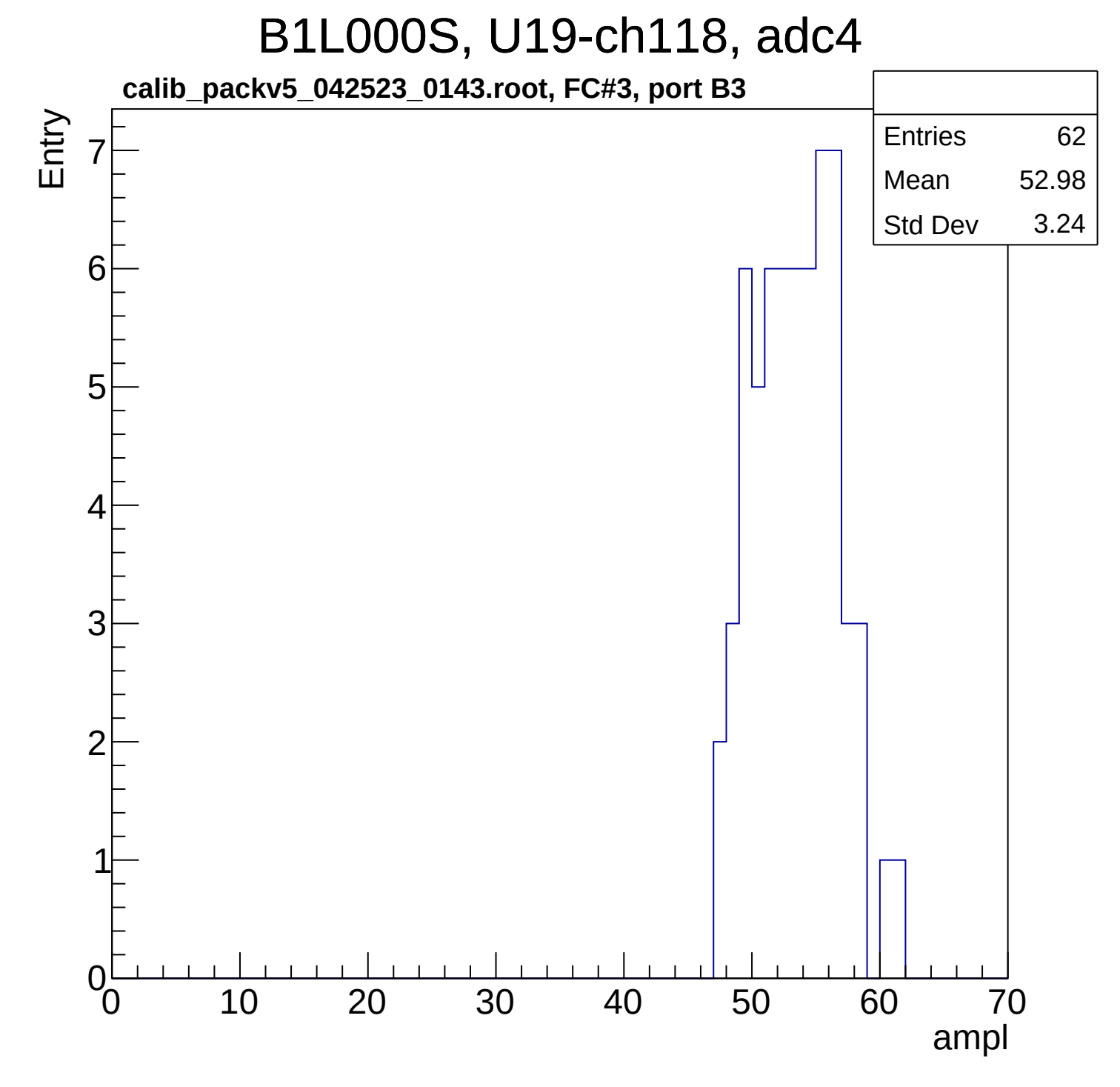
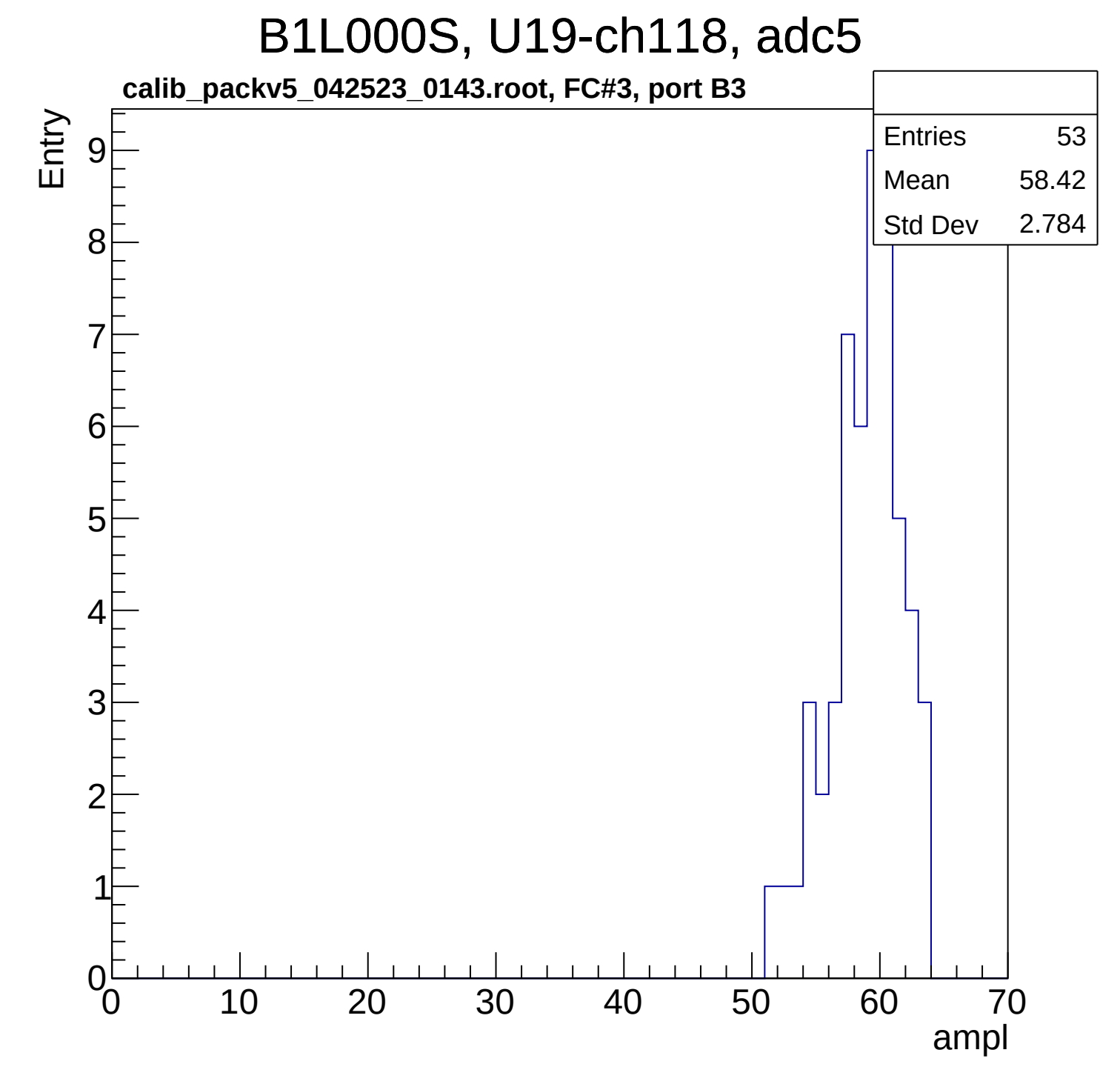
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch118, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 52.98
Std Dev 3.24
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U19-ch118, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 58.42
Std Dev 2.784
Entry
ampl
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3
4
5
6
7
8
9
0
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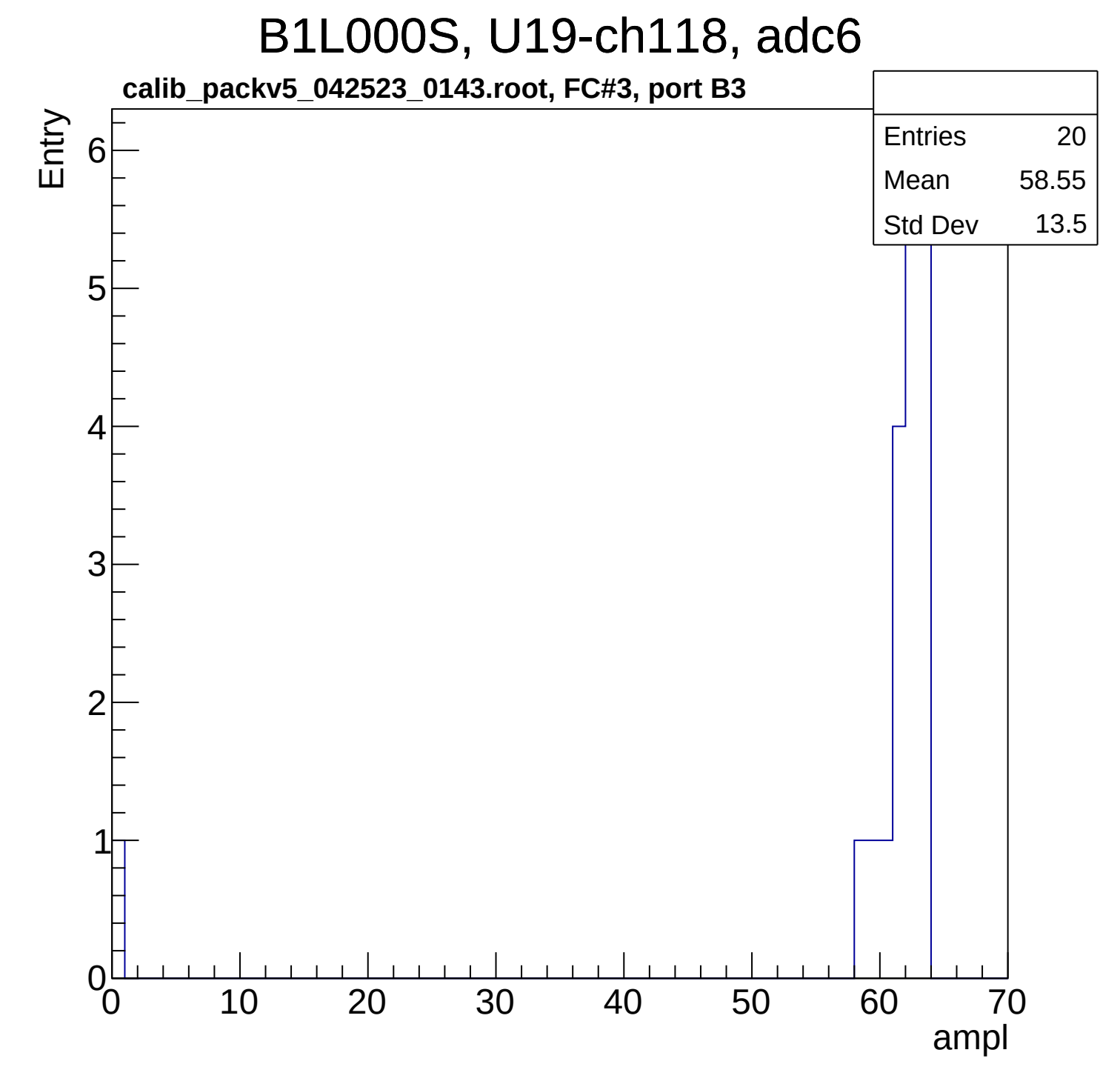
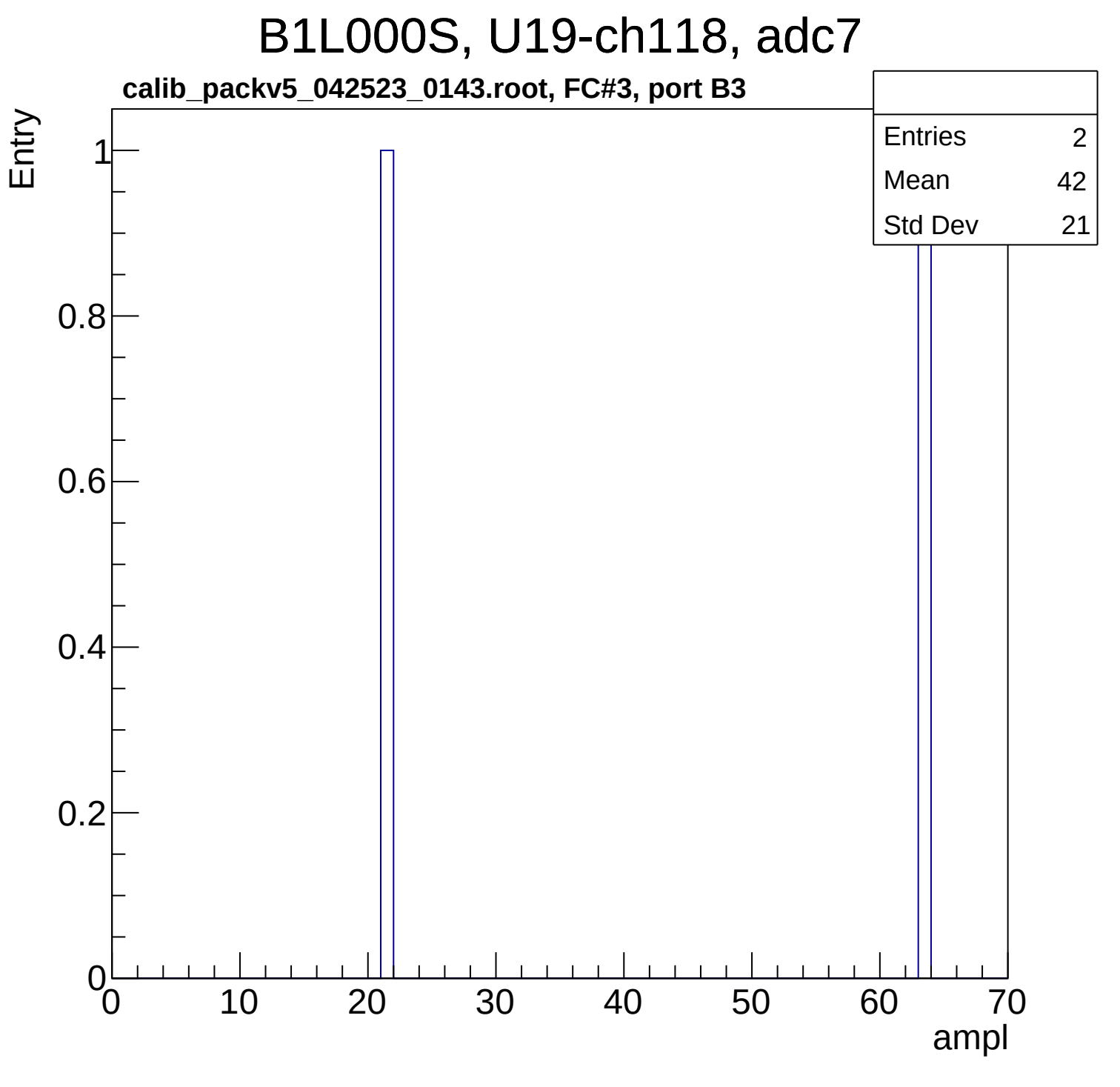
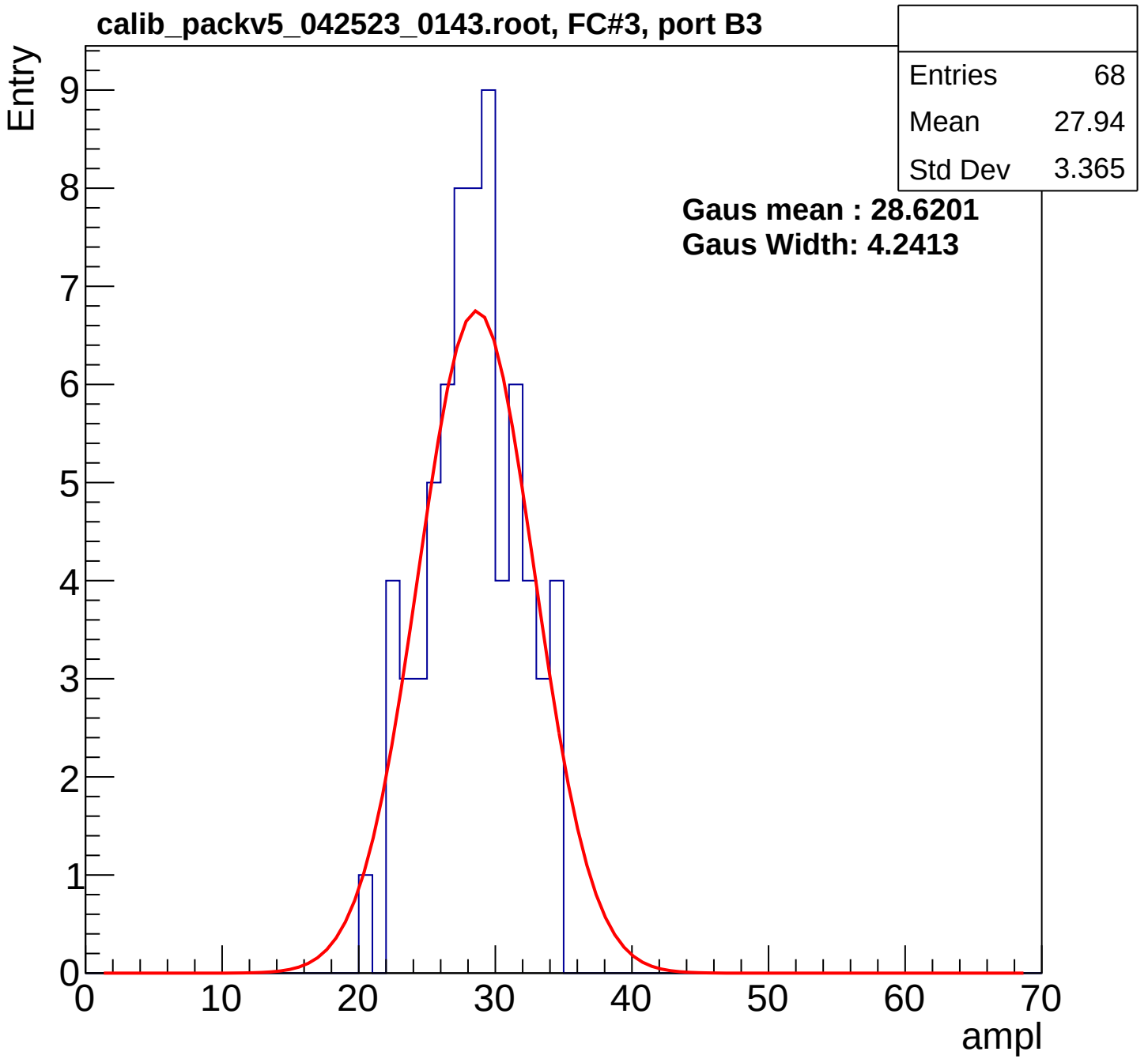
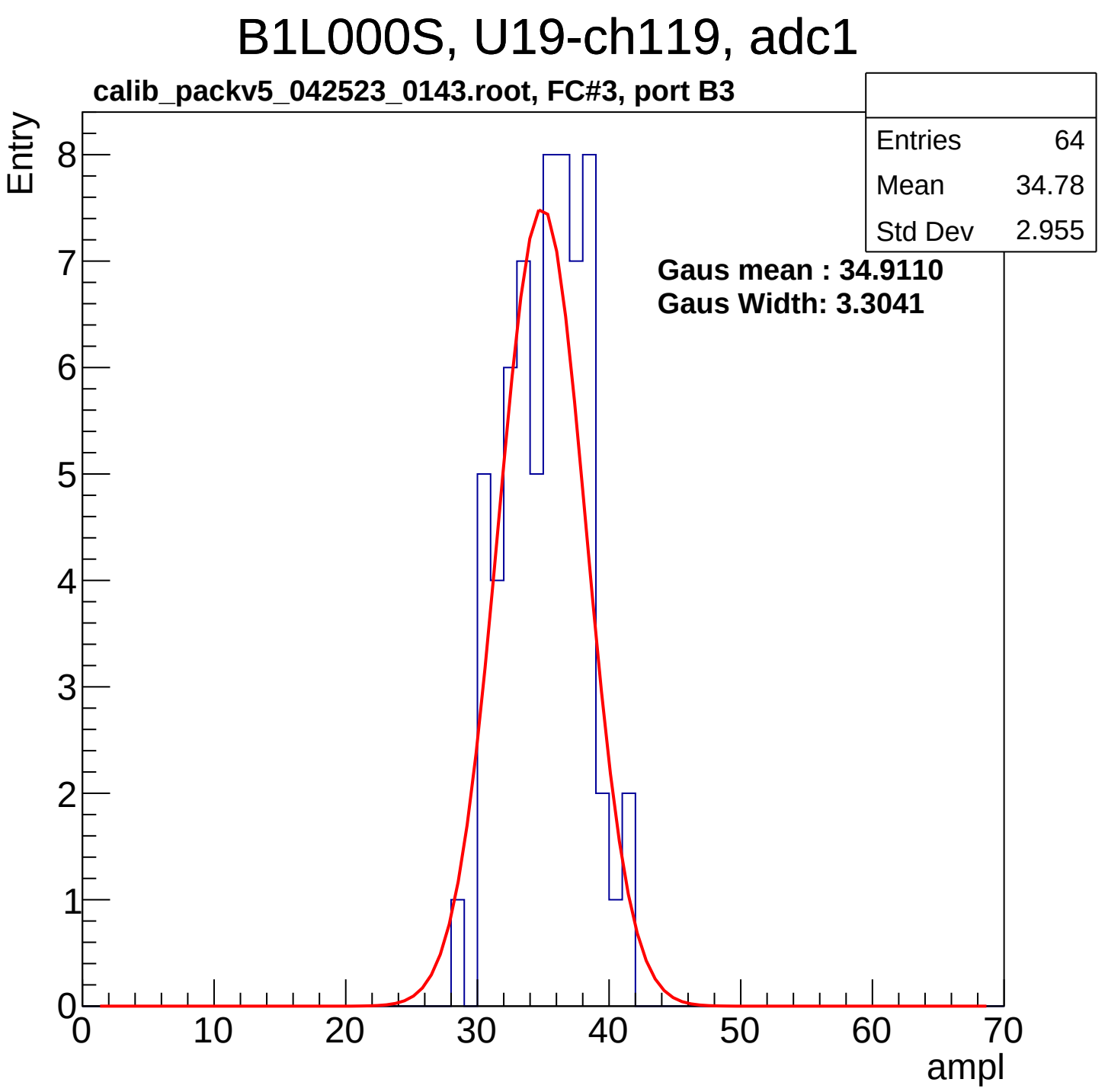
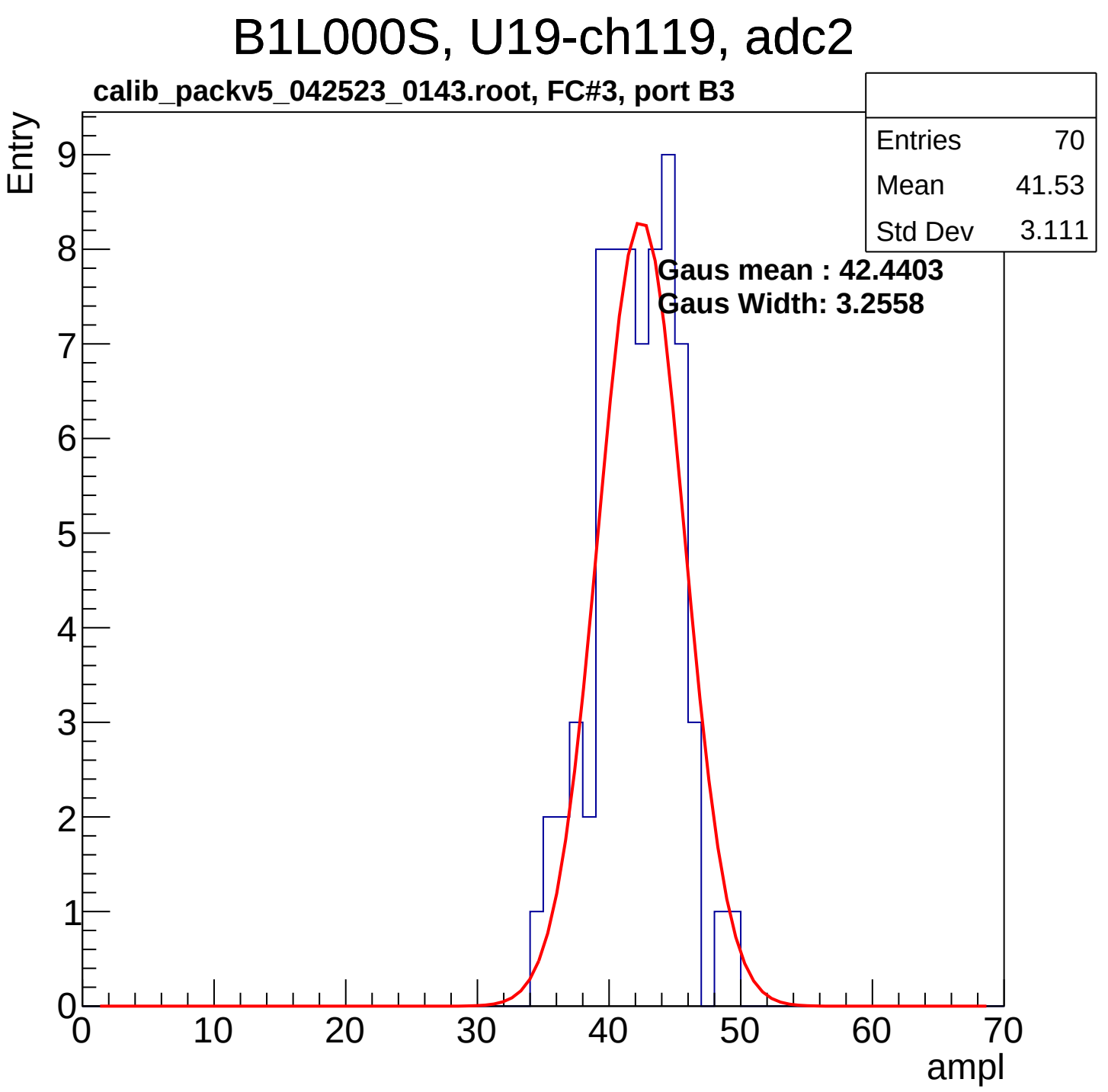
40
50
60
70


B1L000S, U19-ch118, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 20
Mean 58.55
Std Dev 13.5
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch118, 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, U19-ch119, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 27.94
Std Dev 3.365
Gaus mean : 28.6201
Gaus Width: 4.2413
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch119, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 34.78
Std Dev 2.955
Gaus mean : 34.9110
Gaus Width: 3.3041
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch119, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 41.53
Std Dev 3.111
Gaus mean : 42.4403
Gaus Width: 3.2558
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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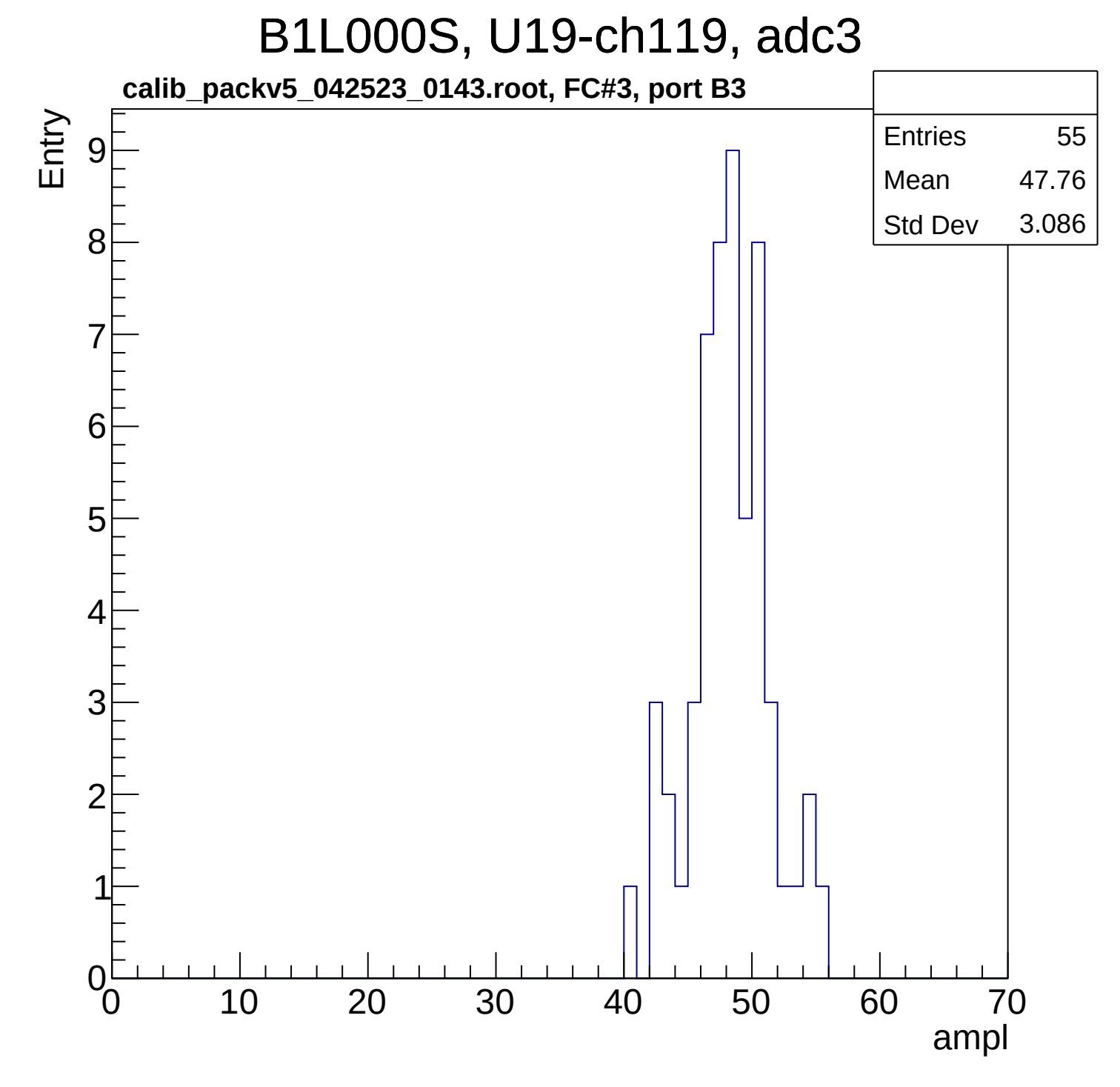
B1L000S, U19-ch119, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 47.76
Std Dev 3.086
Entry
ampl
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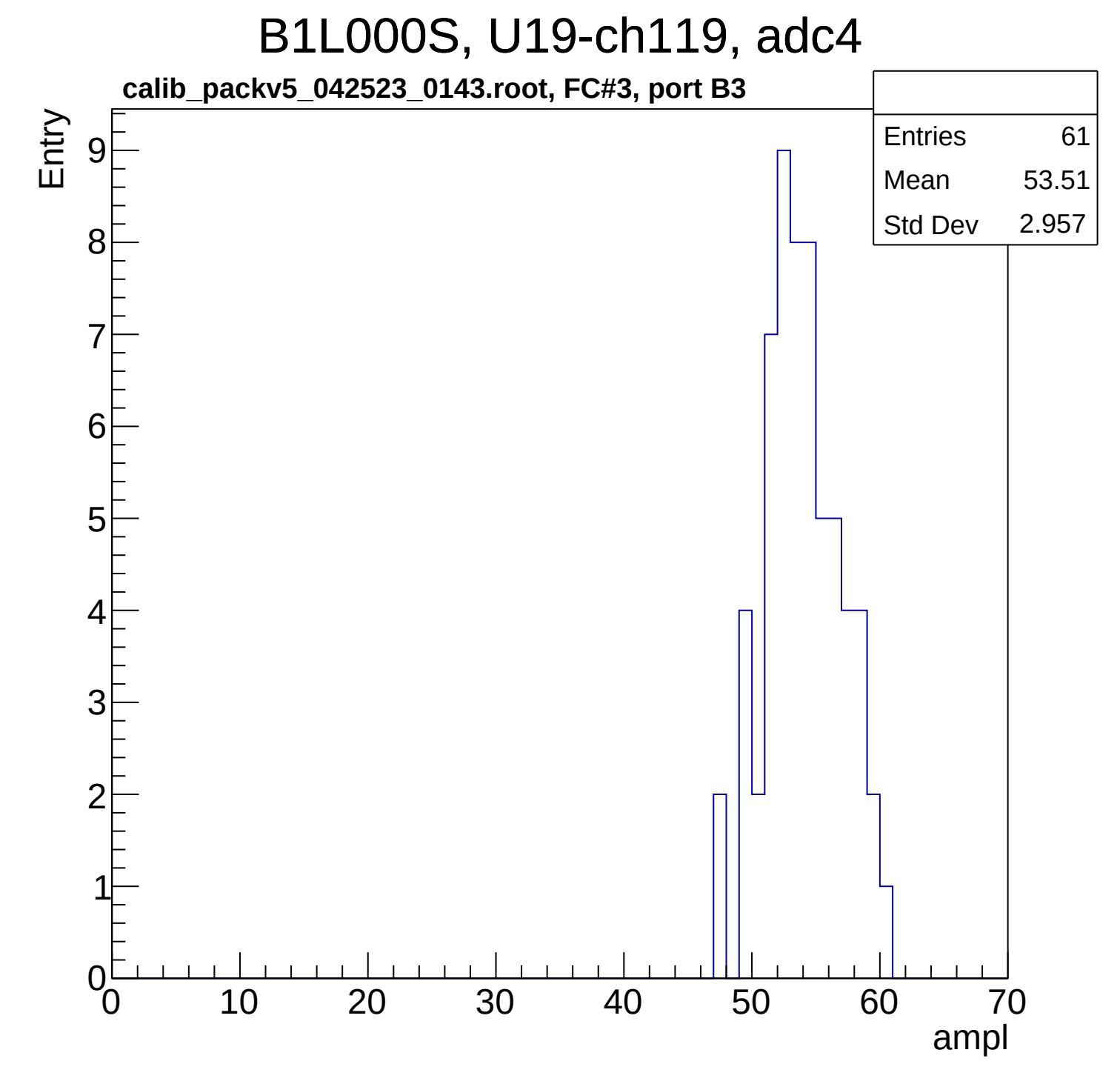
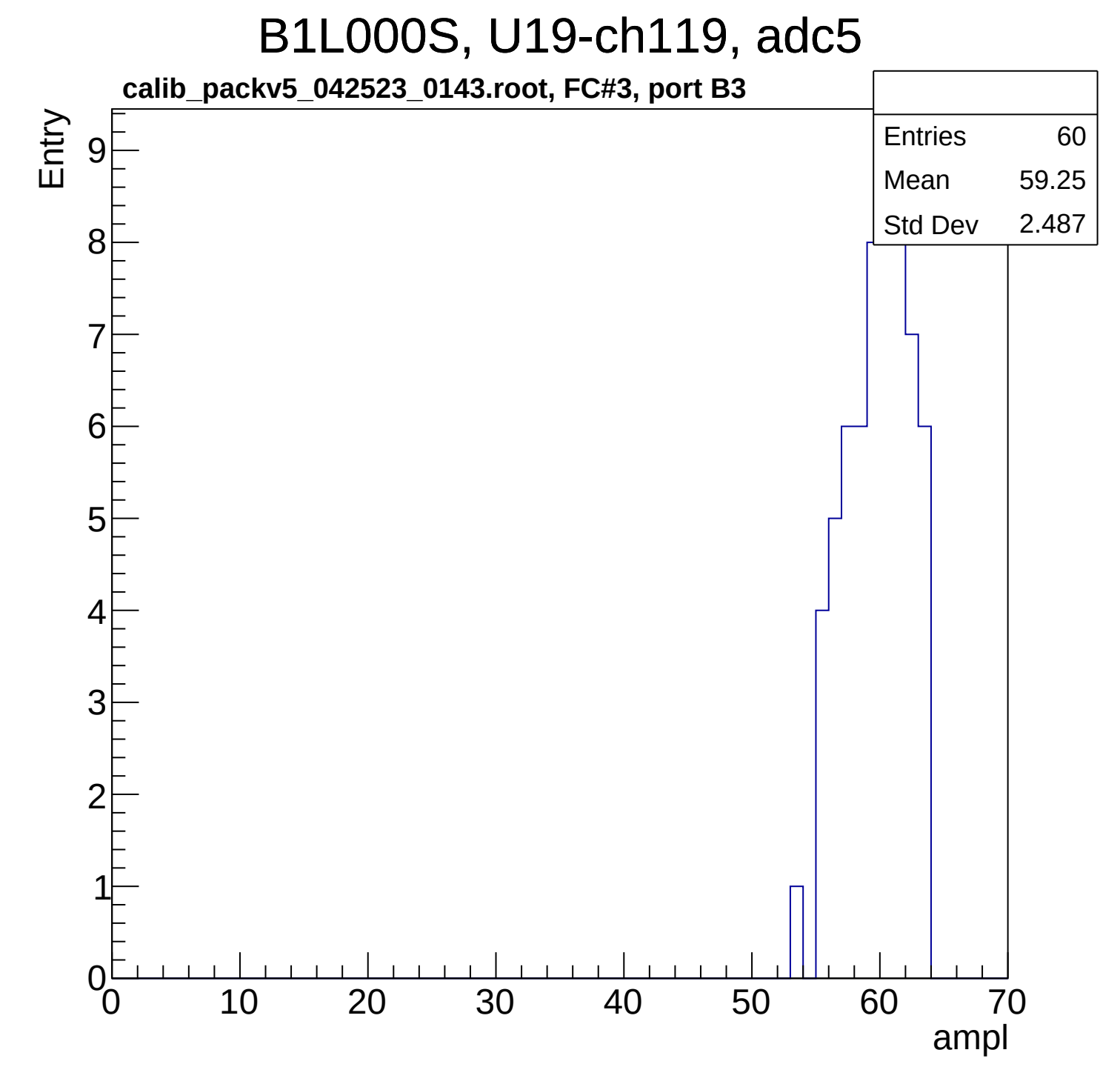
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch119, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 53.51
Std Dev 2.957
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch119, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 59.25
Std Dev 2.487
Entry
ampl
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1
2
3
4
5
6
7
8
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0
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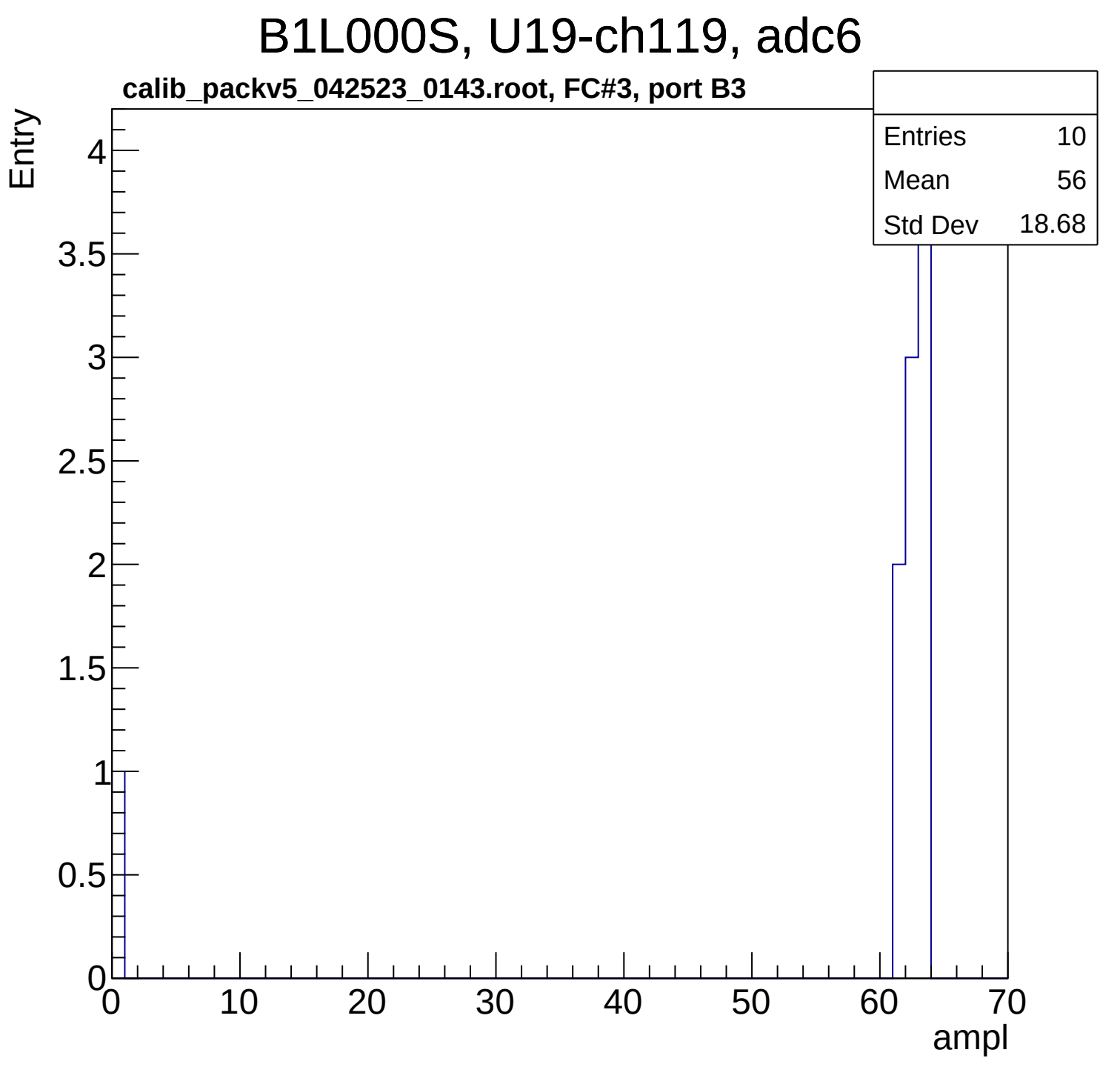
B1L000S, U19-ch119, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 10
Mean 56
Std Dev 18.68
Entry
ampl
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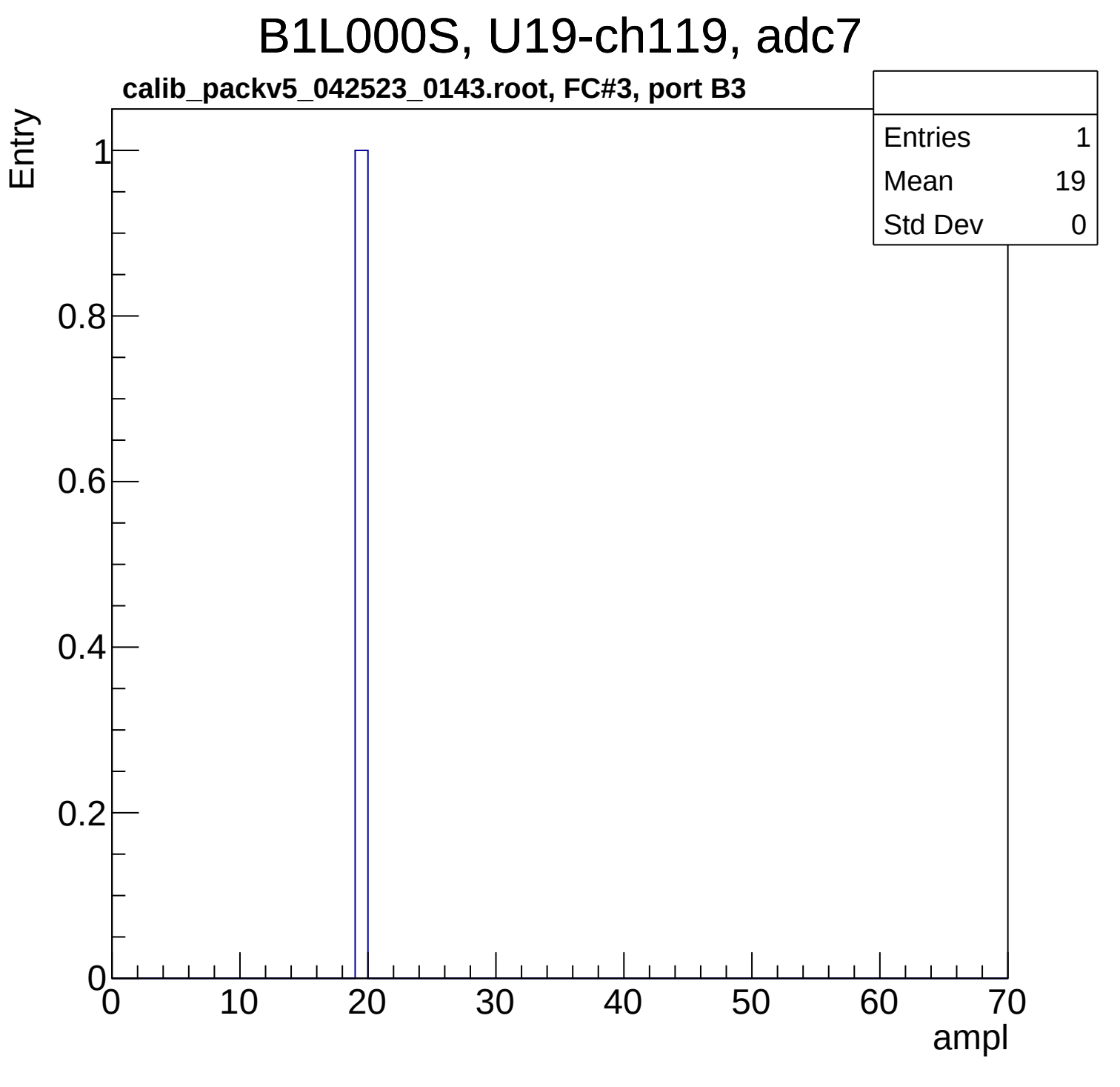
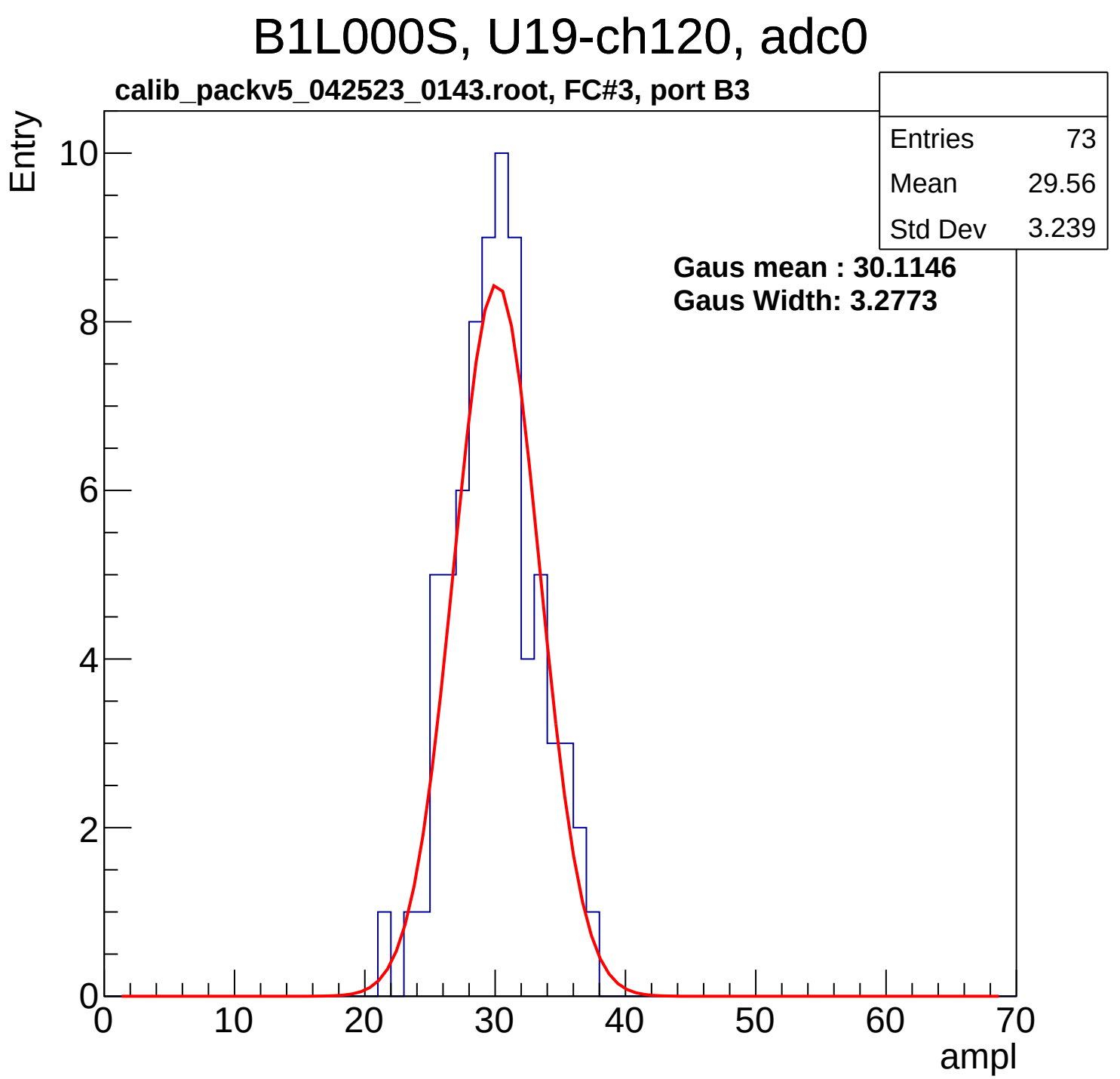
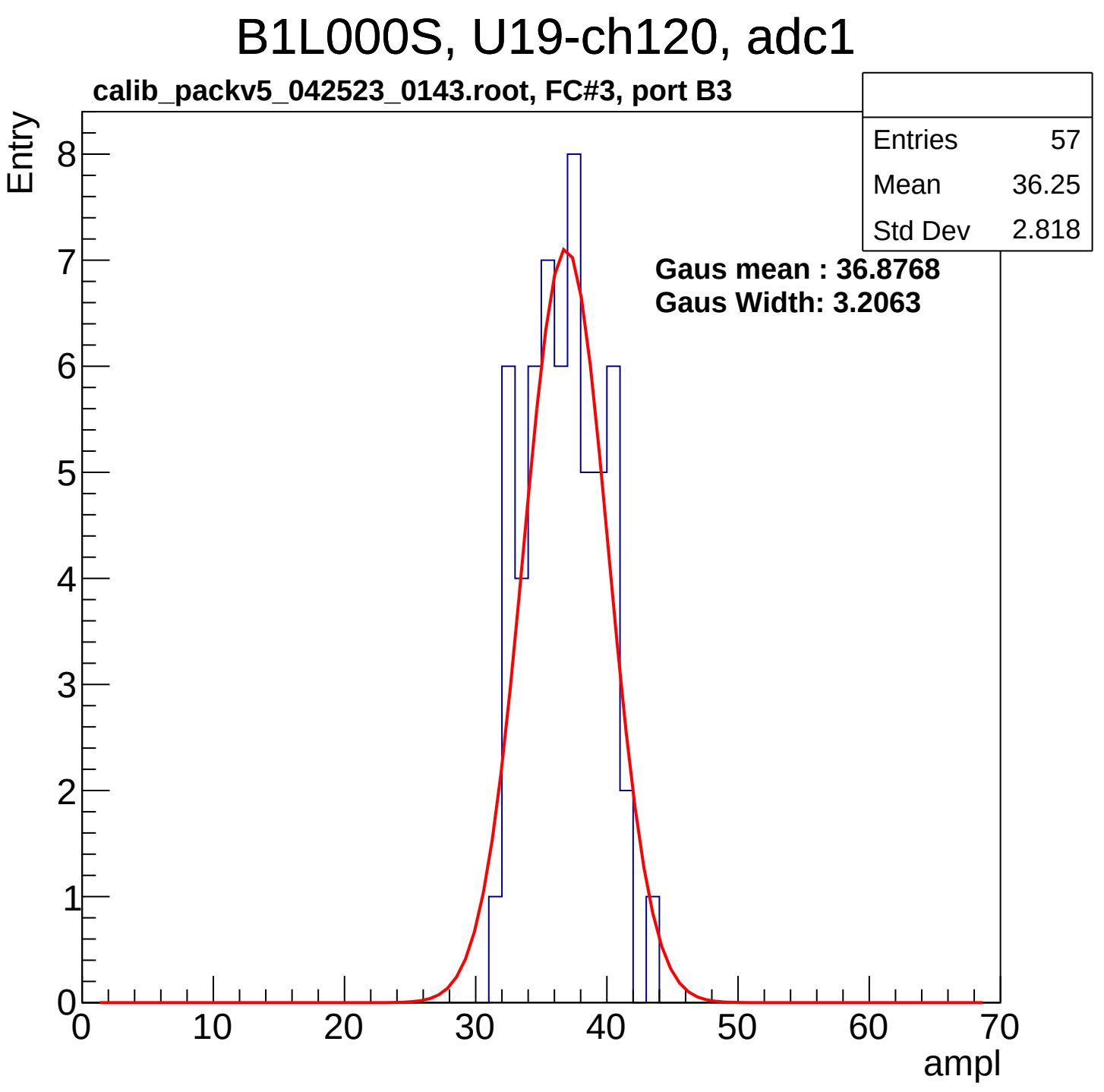
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U19-ch119, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 19
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch120, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 29.56
Std Dev 3.239
Gaus mean : 30.1146
Gaus Width: 3.2773
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch120, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 36.25
Std Dev 2.818
Gaus mean : 36.8768
Gaus Width: 3.2063
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
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40
50
60
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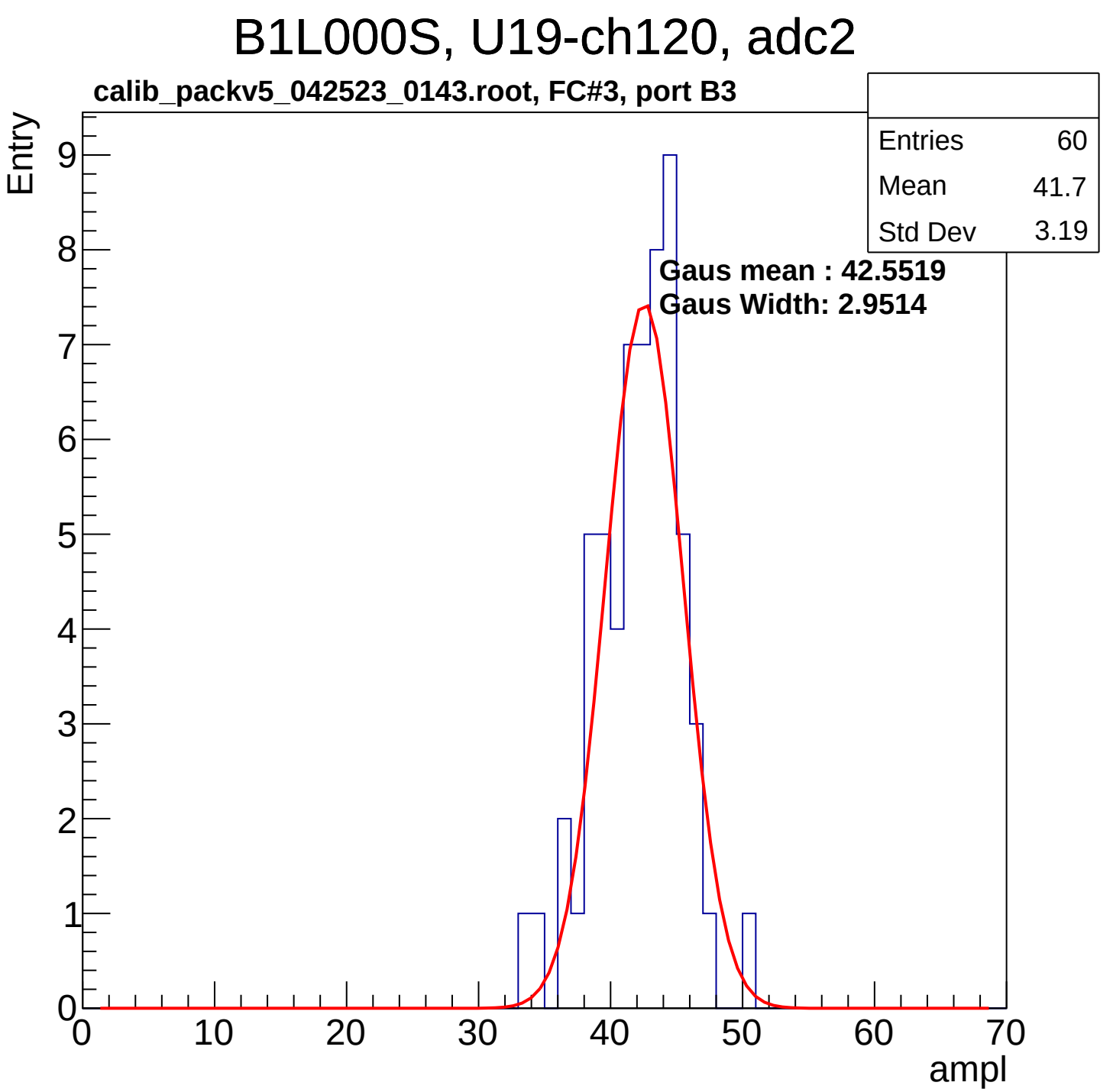
B1L000S, U19-ch120, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 41.7
Std Dev 3.19
Gaus mean : 42.5519
Gaus Width: 2.9514
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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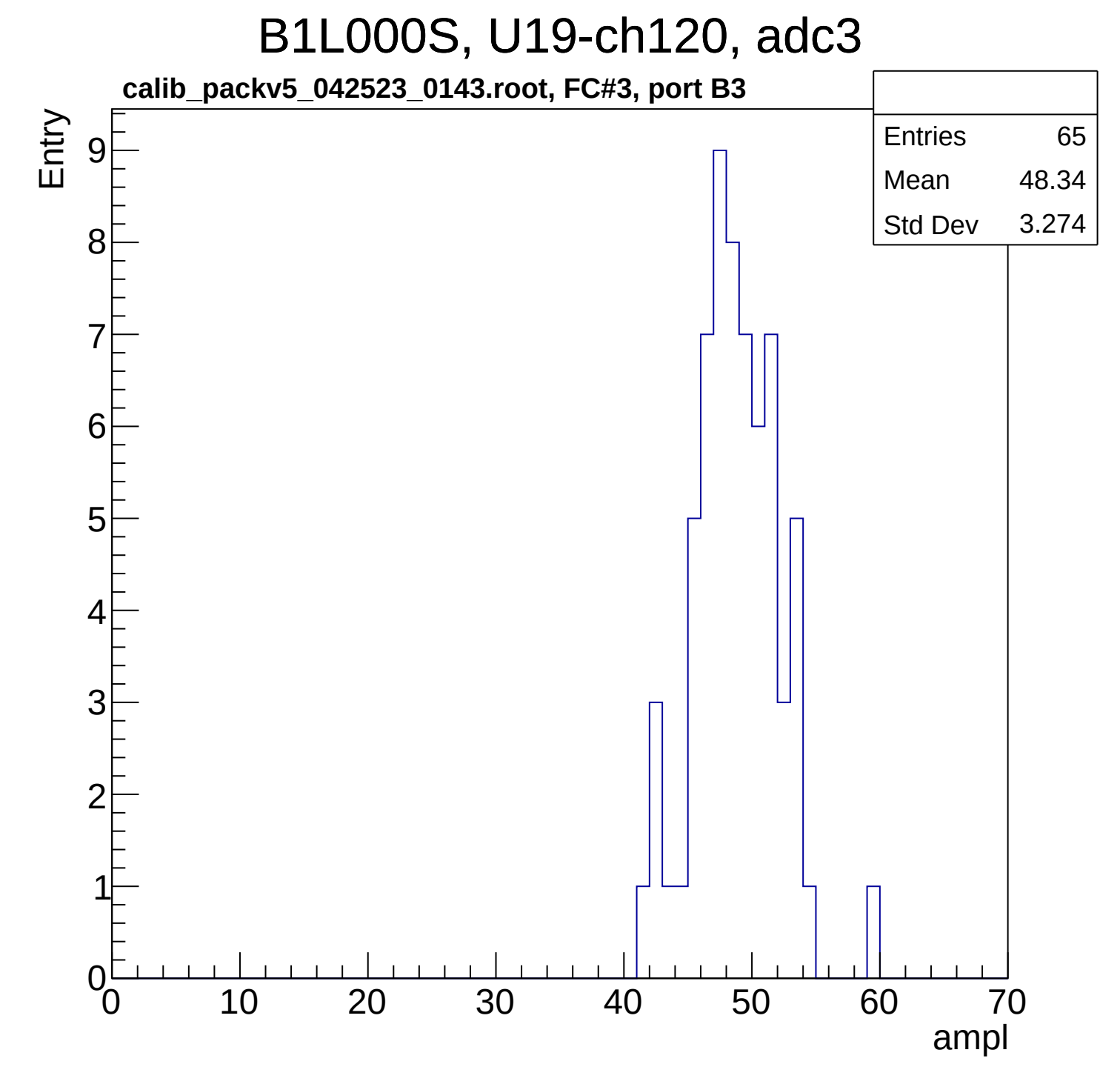
B1L000S, U19-ch120, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 48.34
Std Dev 3.274
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
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40
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60
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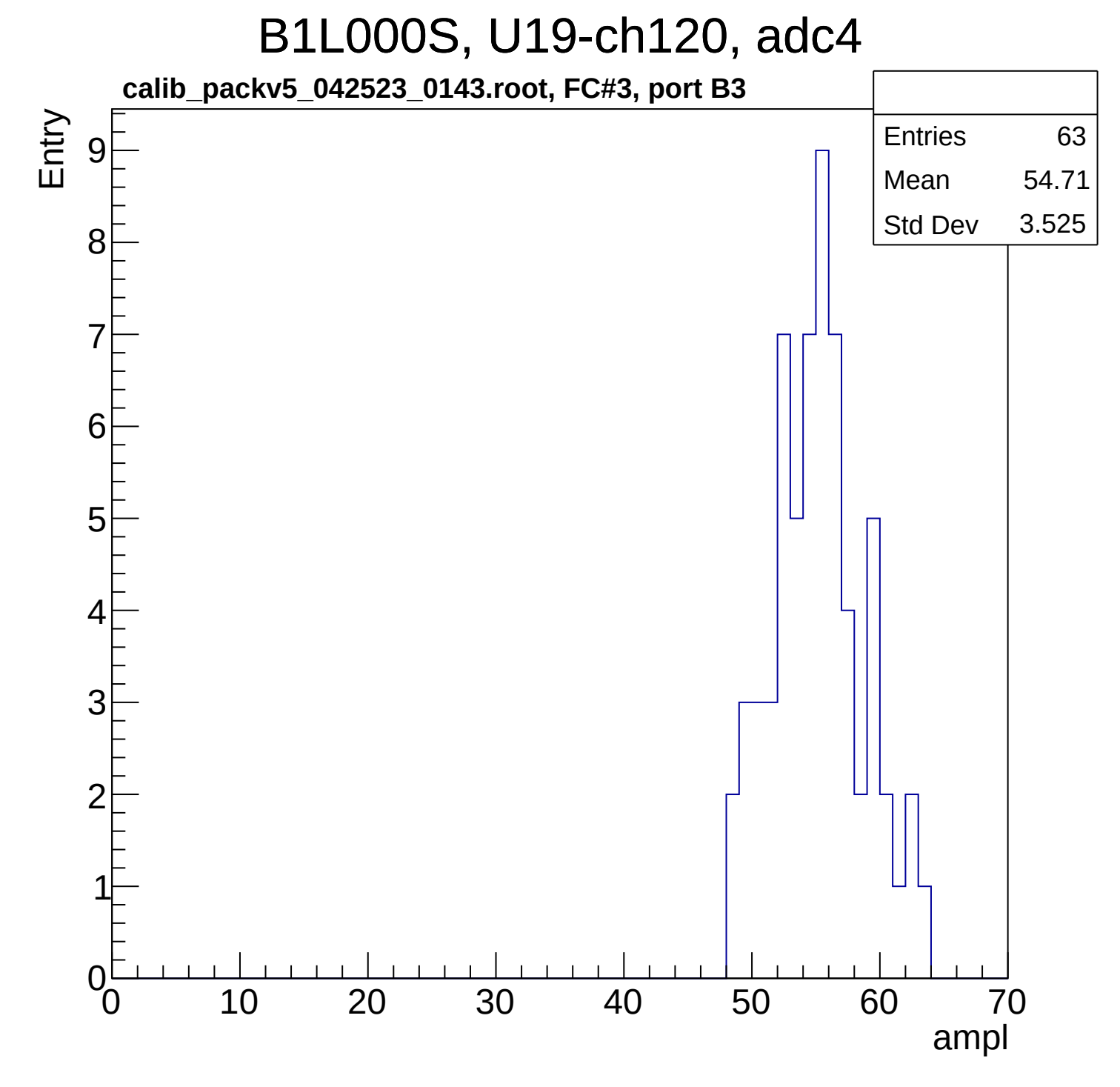
B1L000S, U19-ch120, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 54.71
Std Dev 3.525
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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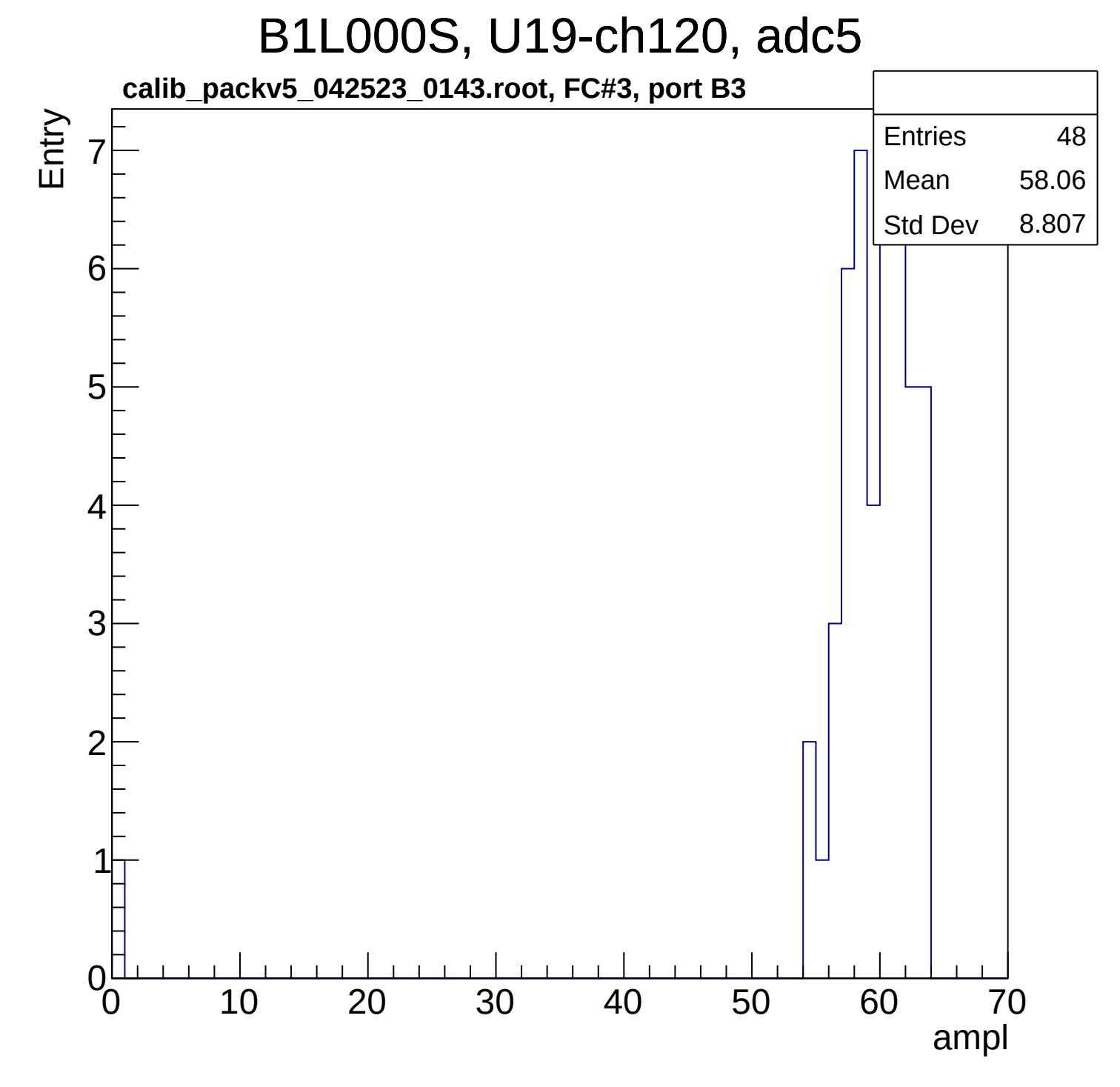
B1L000S, U19-ch120, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 58.06
Std Dev 8.807
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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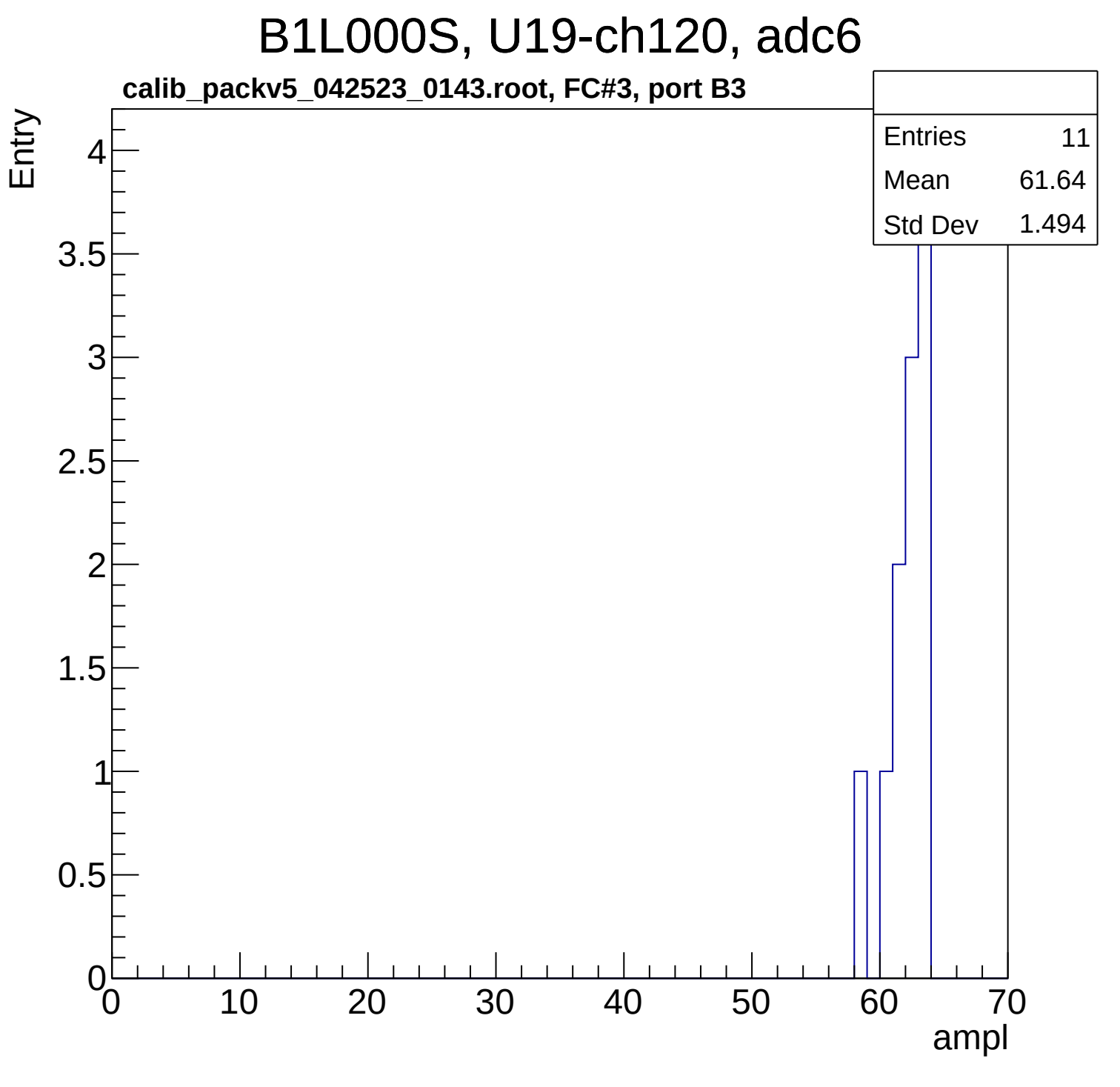
B1L000S, U19-ch120, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 61.64
Std Dev 1.494
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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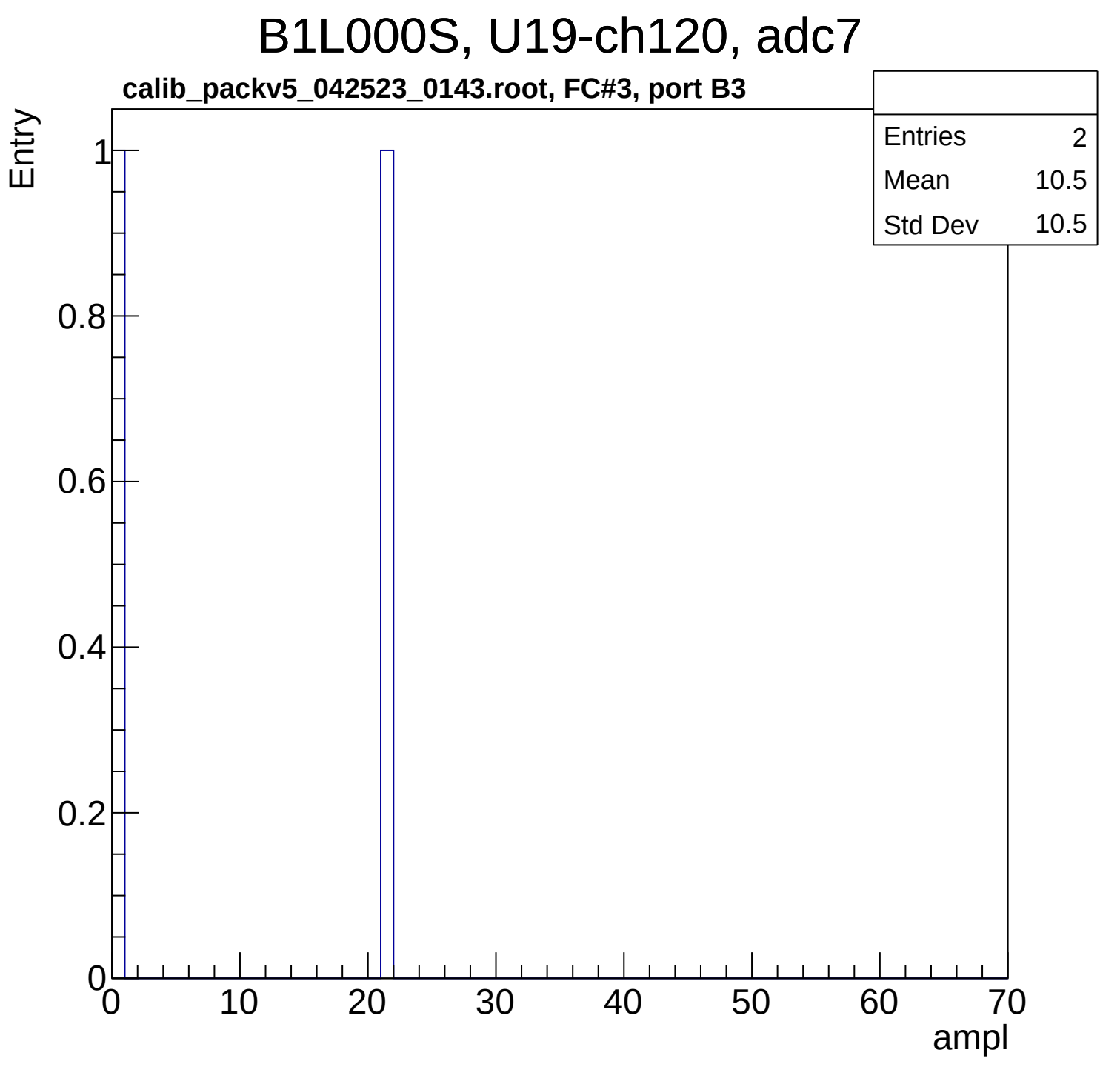
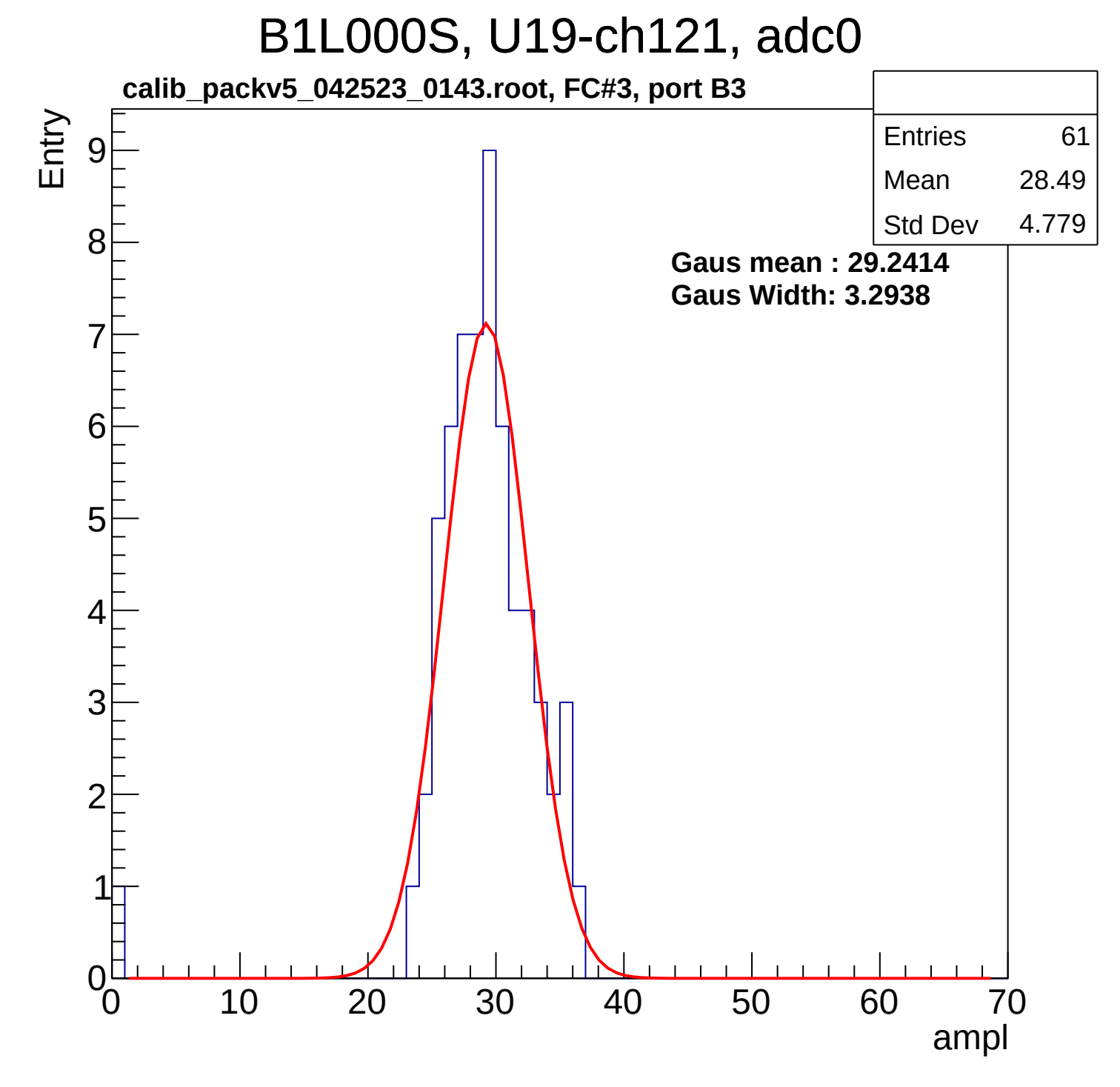

B1L000S, U19-ch120, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 10.5
Std Dev 10.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L000S, U19-ch121, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 28.49
Std Dev 4.779
Gaus mean : 29.2414
Gaus Width: 3.2938
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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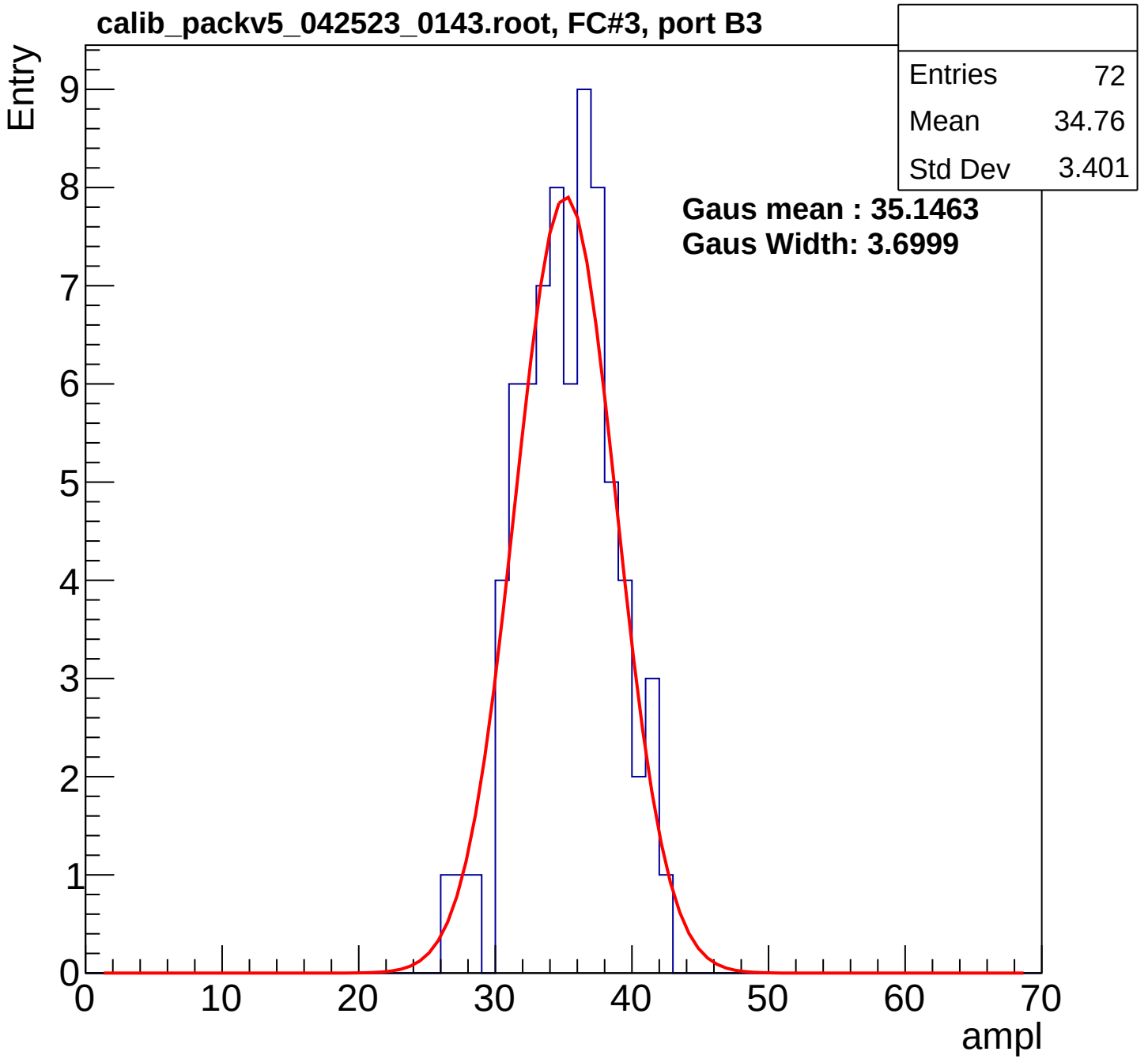
B1L000S, U19-ch121, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 34.76
Std Dev 3.401
Gaus mean : 35.1463
Gaus Width: 3.6999
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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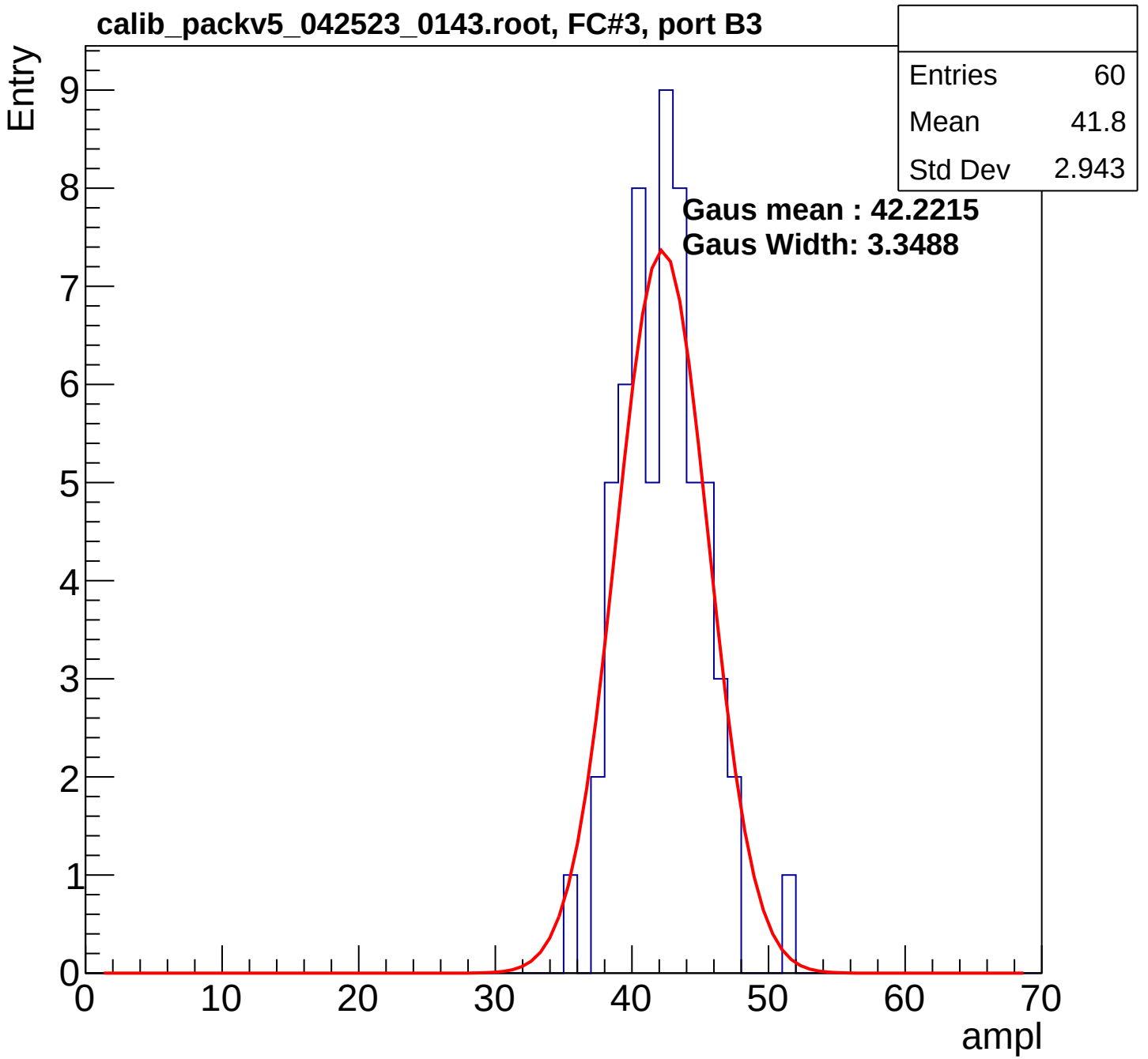
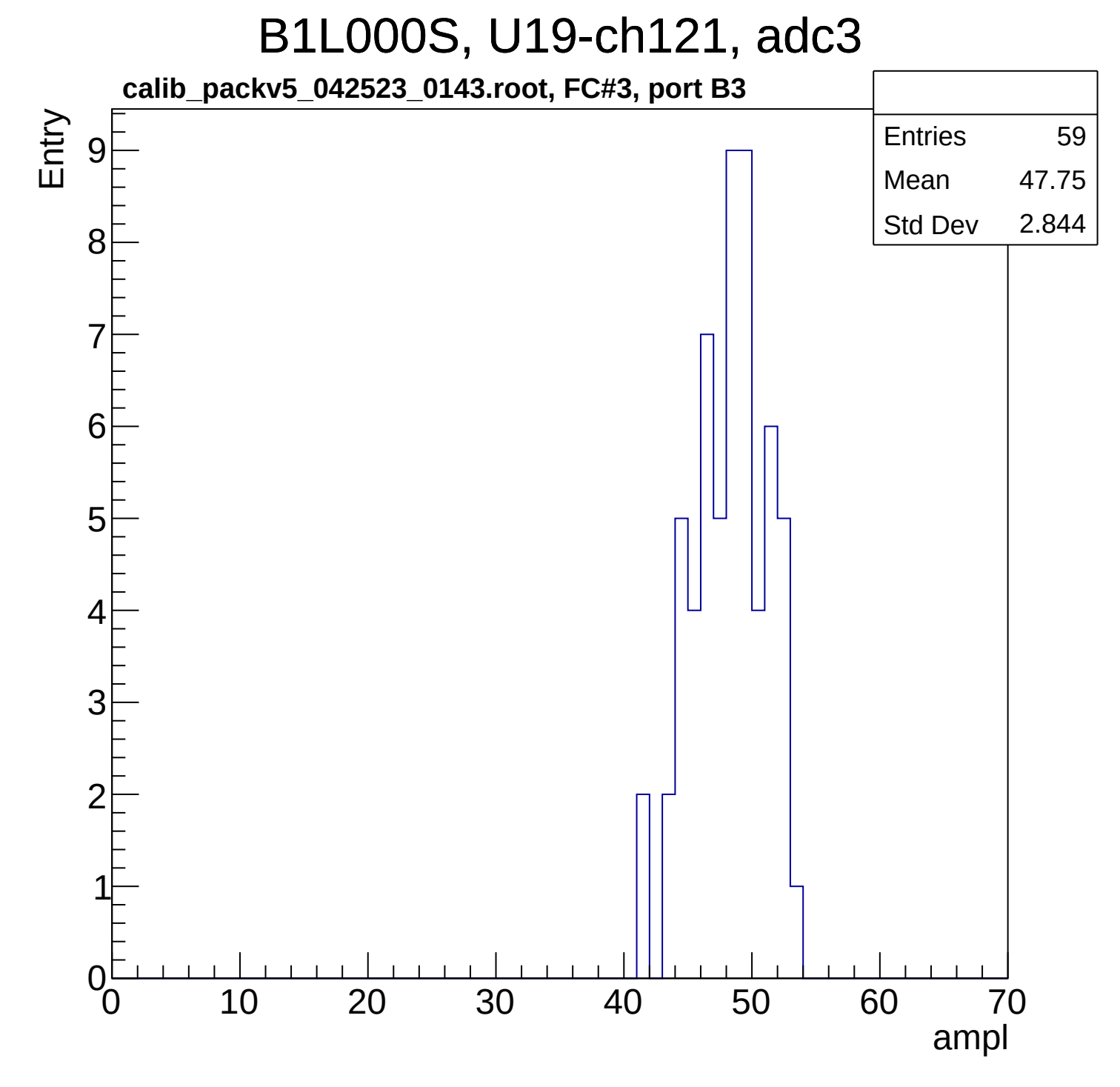
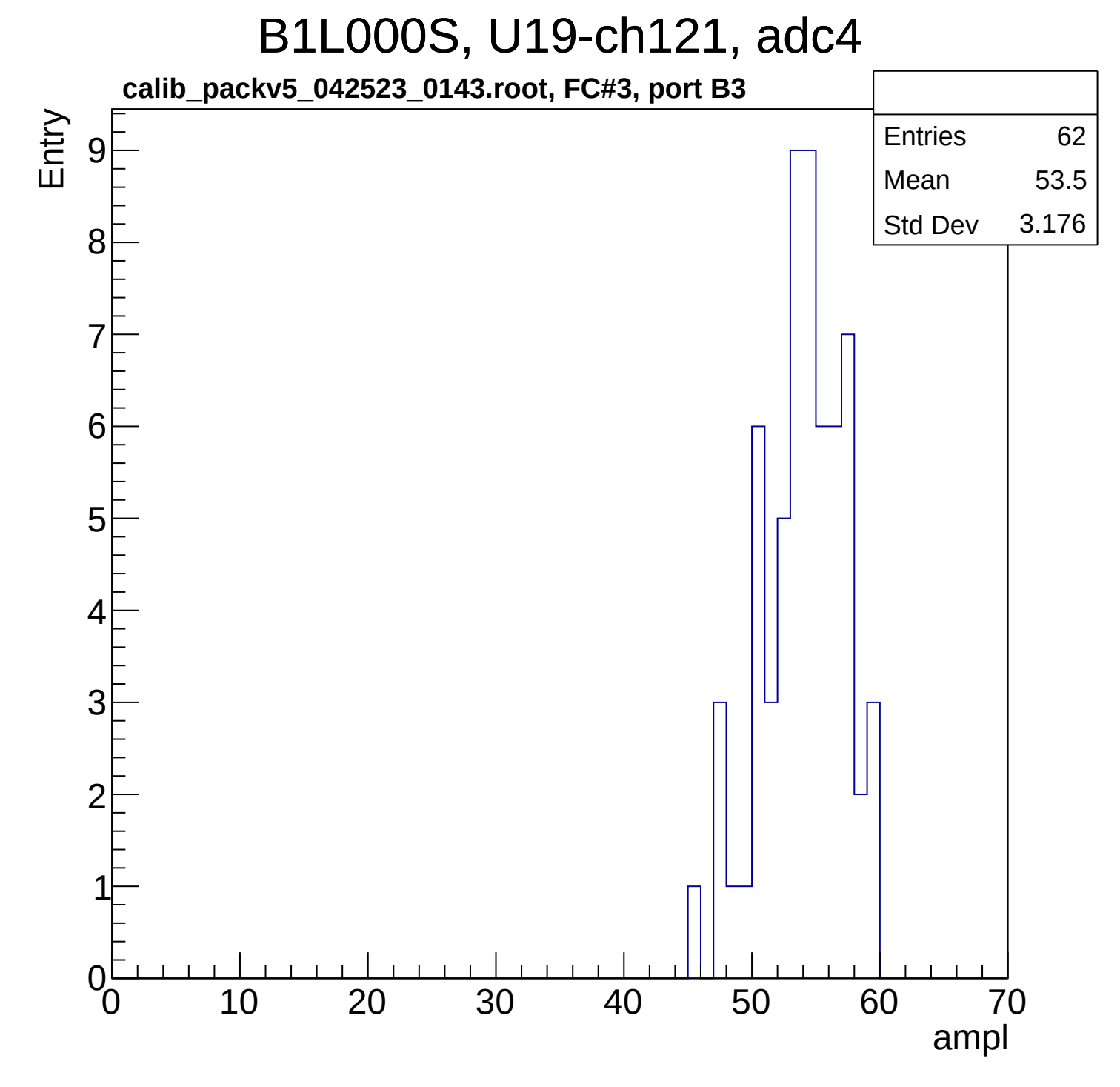
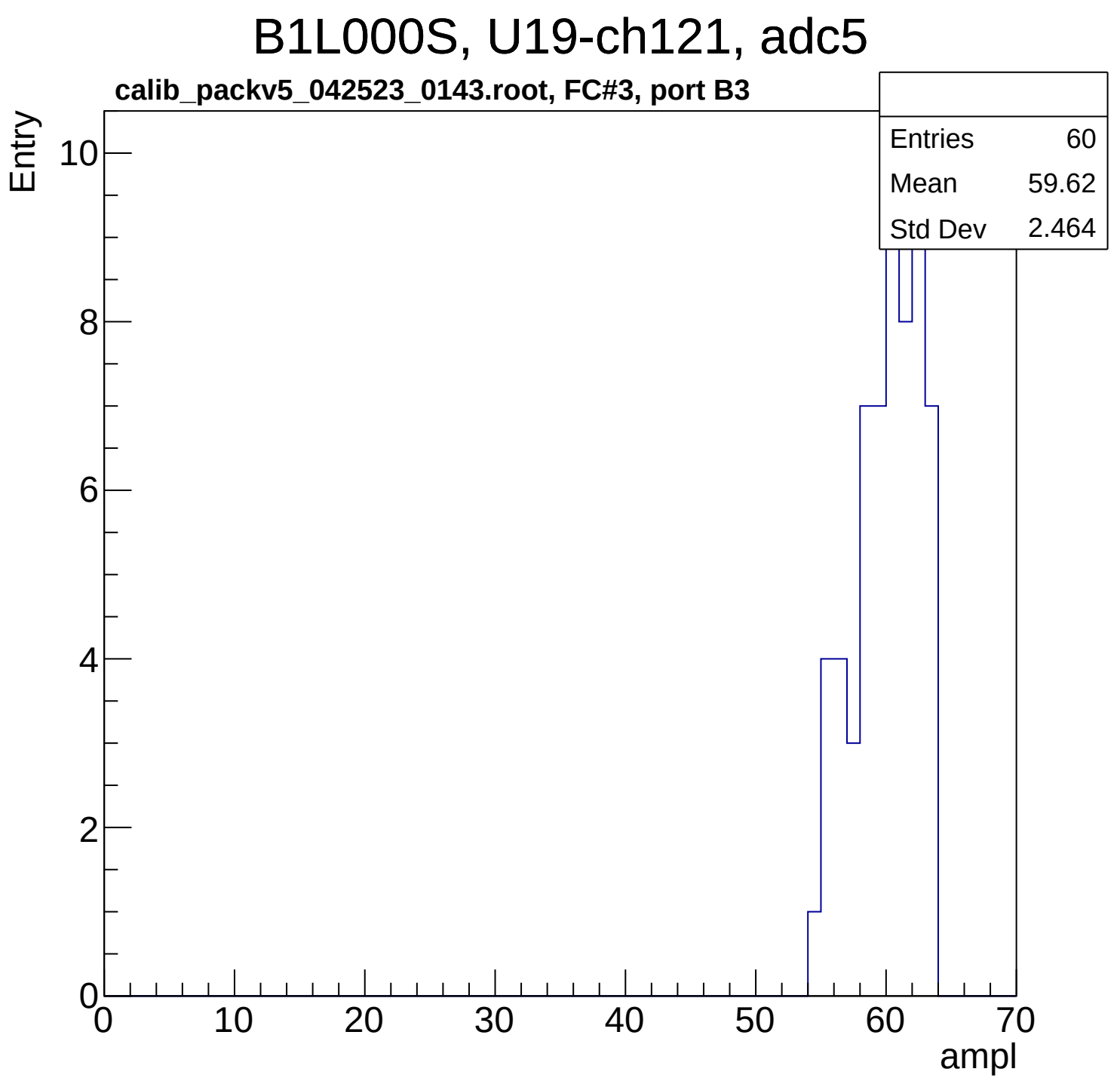
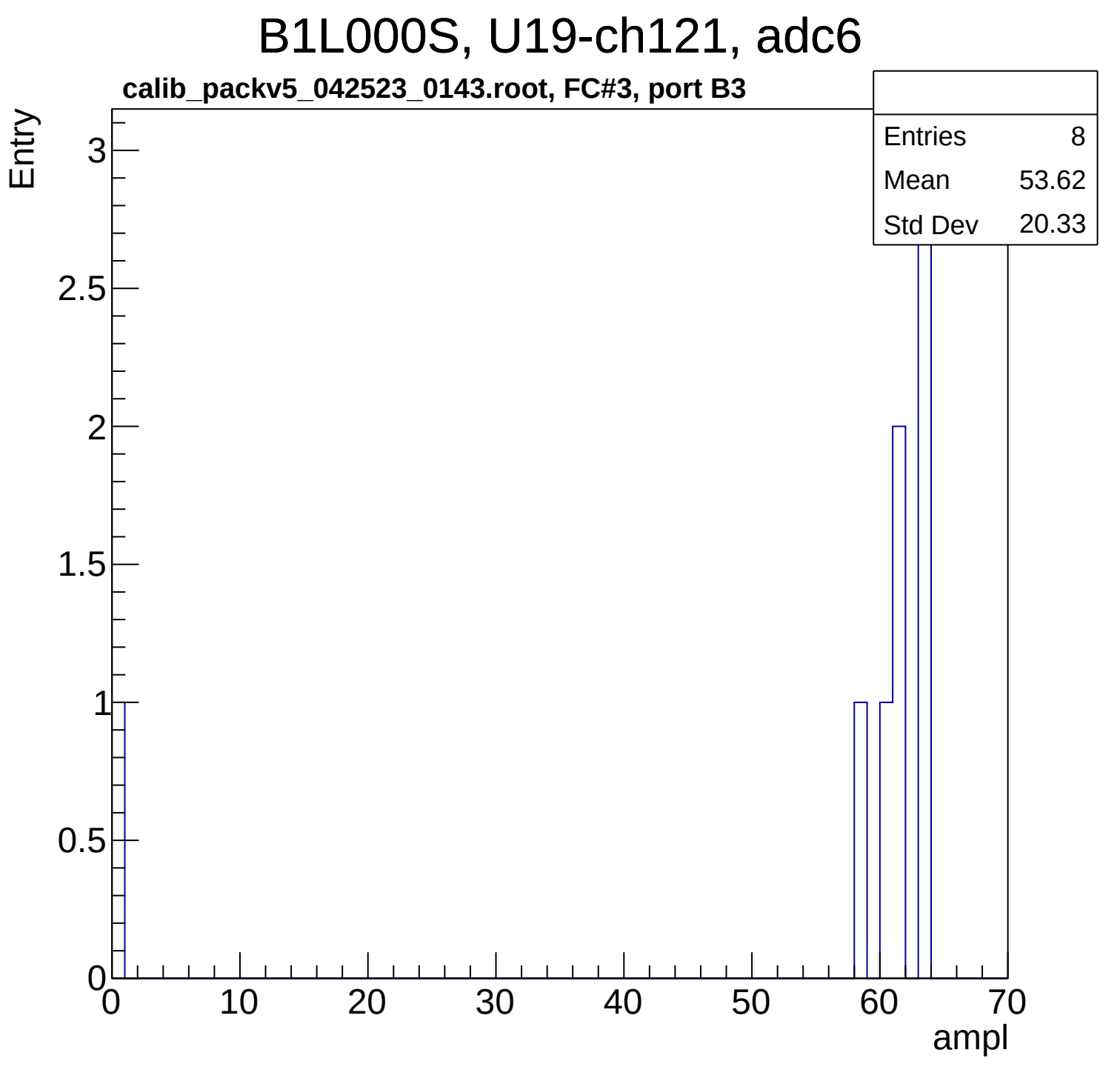
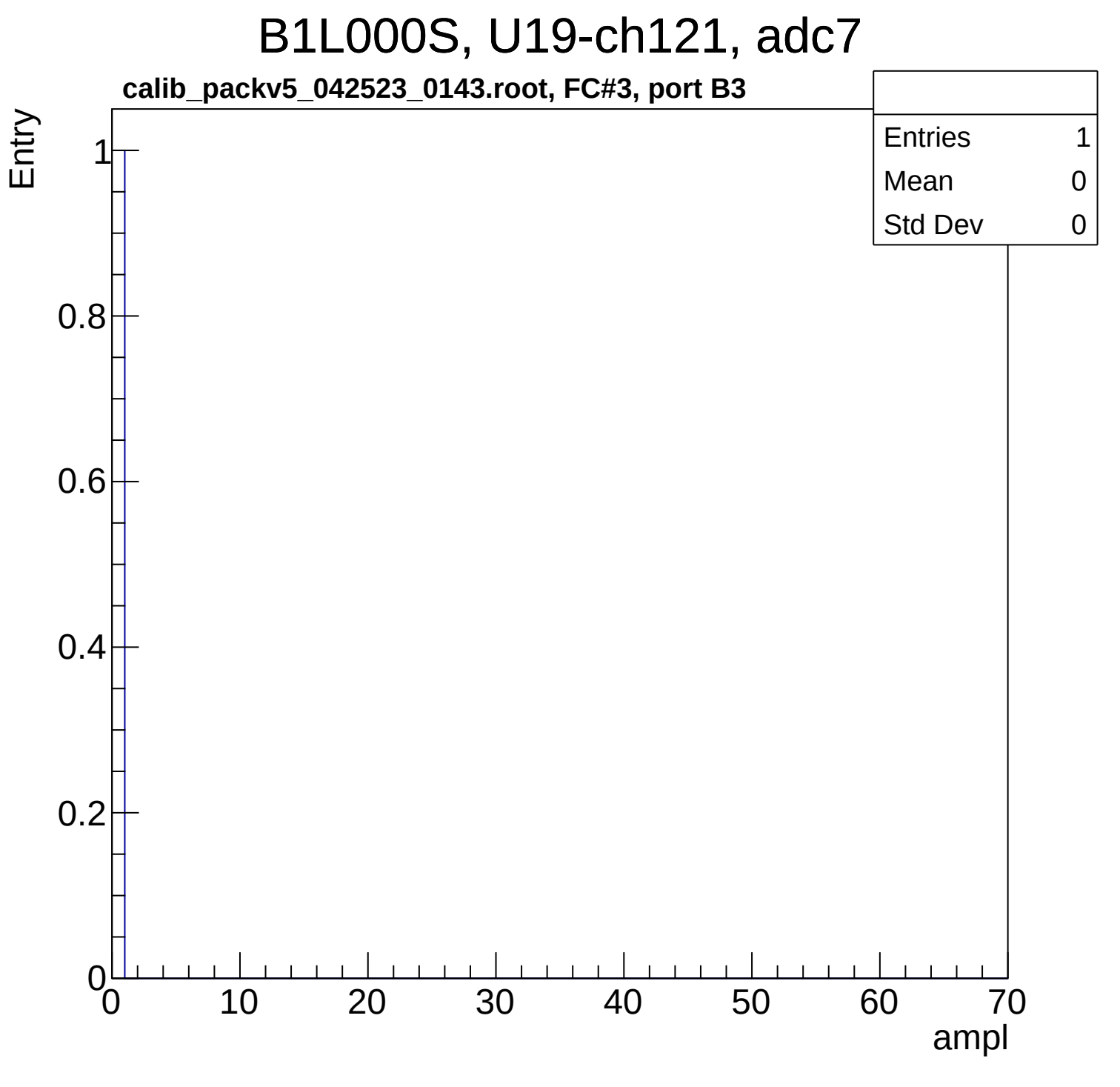

B1L000S, U19-ch121, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 41.8
Std Dev 2.943
Gaus mean : 42.2215
Gaus Width: 3.3488
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

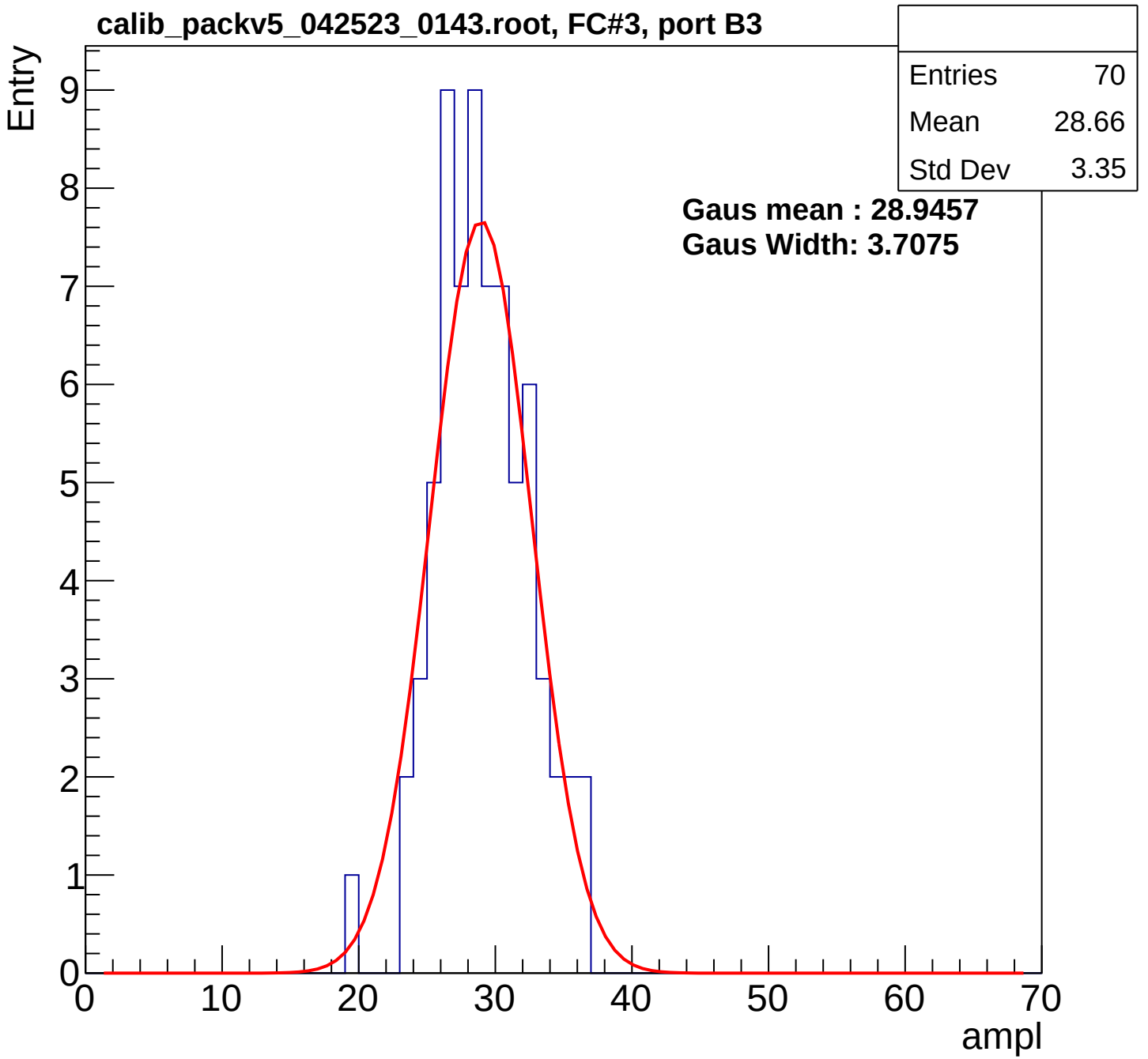

B1L000S, U19-ch121, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 47.75
Std Dev 2.844
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

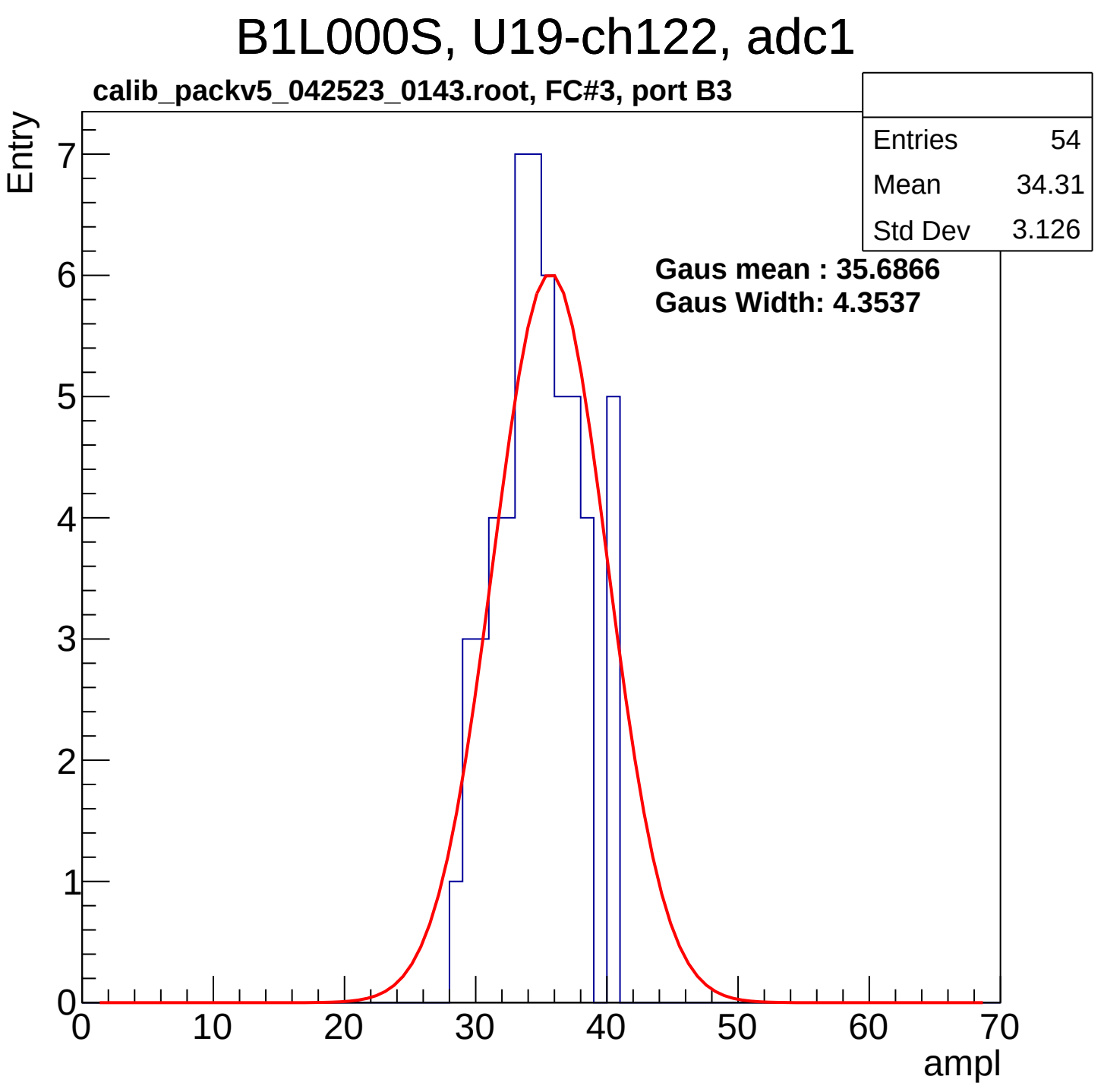

B1L000S, U19-ch121, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 53.5
Std Dev 3.176
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

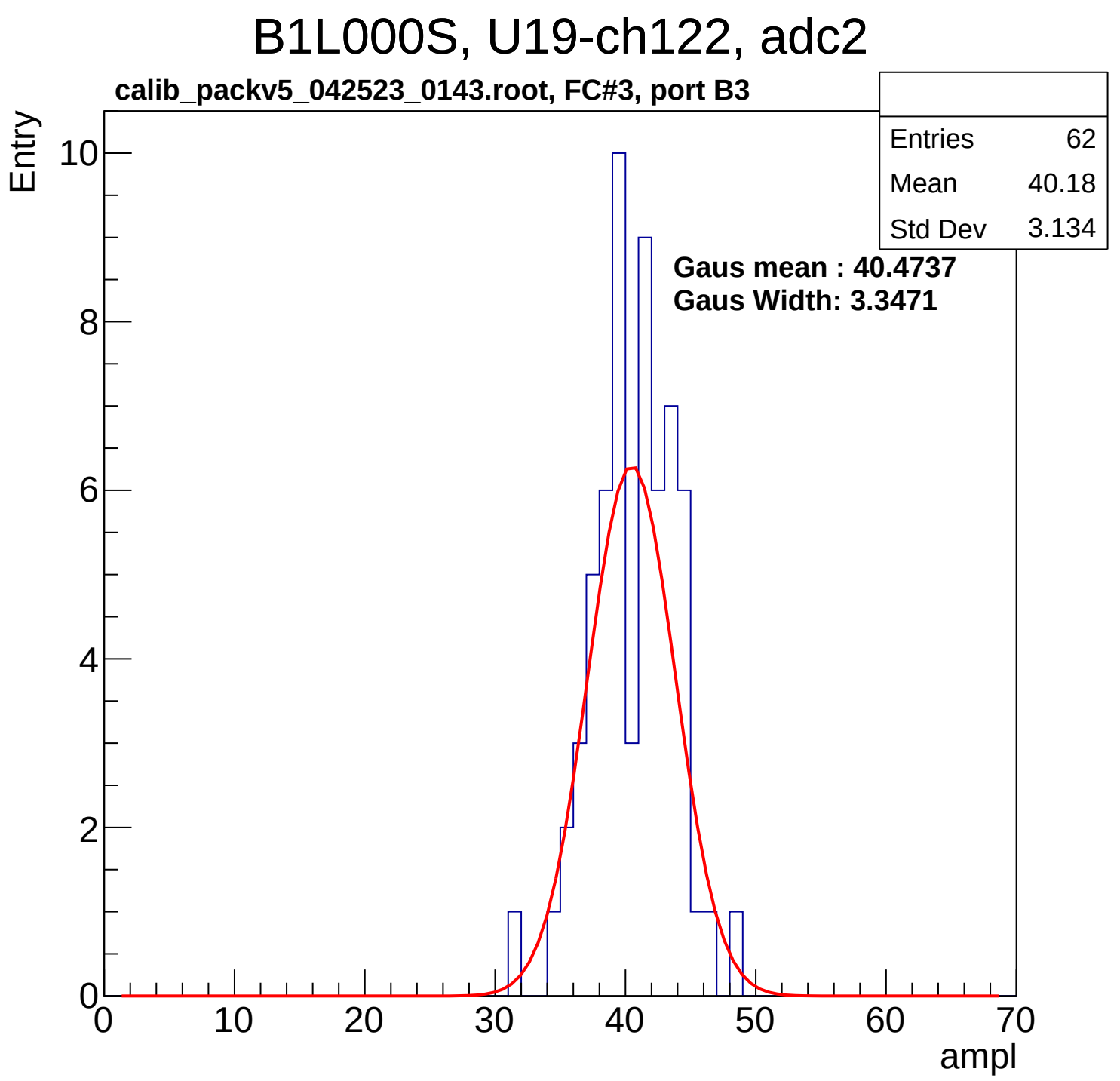

B1L000S, U19-ch121, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 59.62
Std Dev 2.464
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

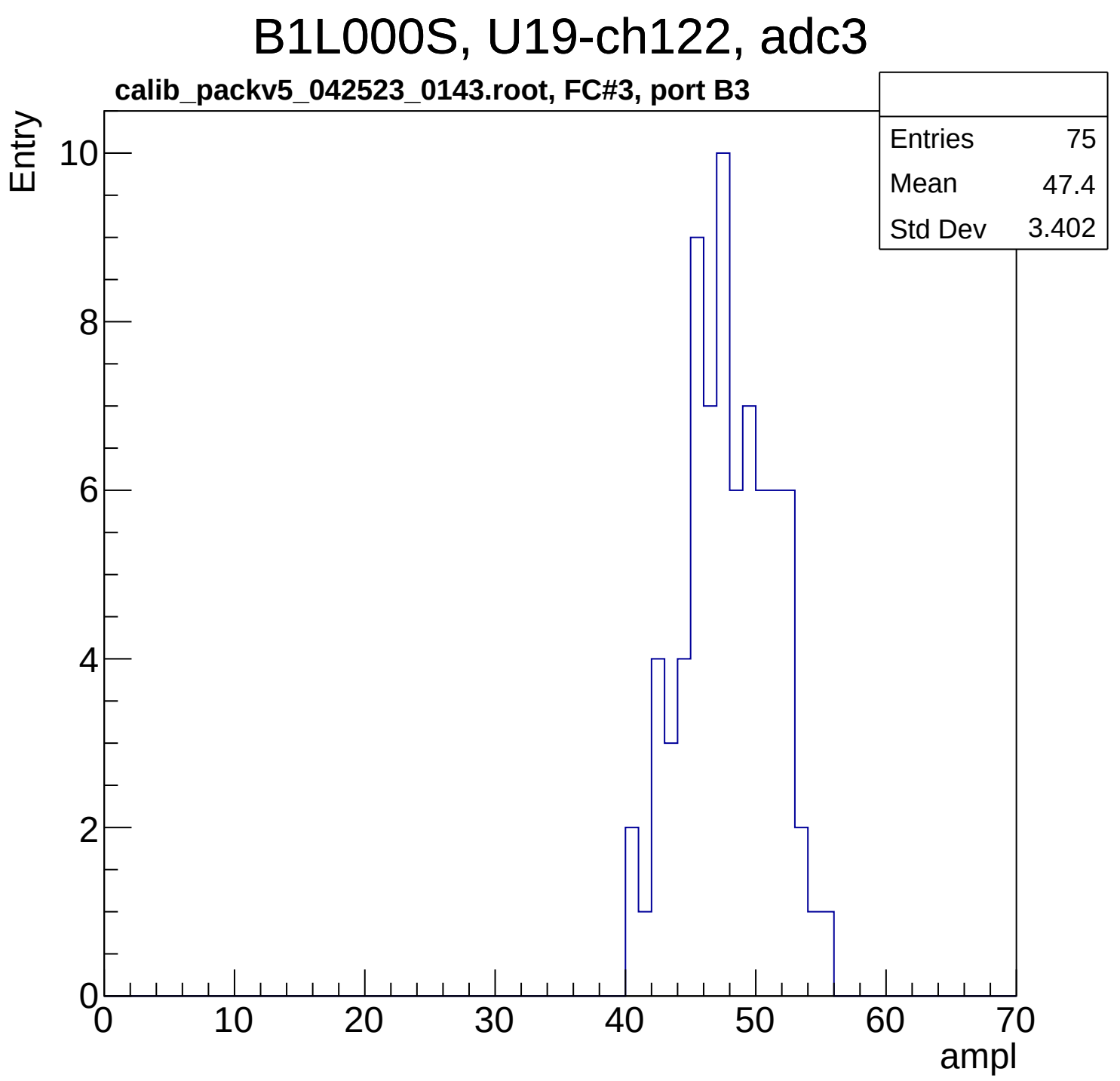

B1L000S, U19-ch121, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 53.62
Std Dev 20.33
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U19-ch121, 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, U19-ch122, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 28.66
Std Dev 3.35
Gaus mean : 28.9457
Gaus Width: 3.7075
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch122, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 34.31
Std Dev 3.126
Gaus mean : 35.6866
Gaus Width: 4.3537
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U19-ch122, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 40.18
Std Dev 3.134
Gaus mean : 40.4737
Gaus Width: 3.3471
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch122, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 47.4
Std Dev 3.402
Entry
ampl
0
2
4
6
8
10
0
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20
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40
50
60
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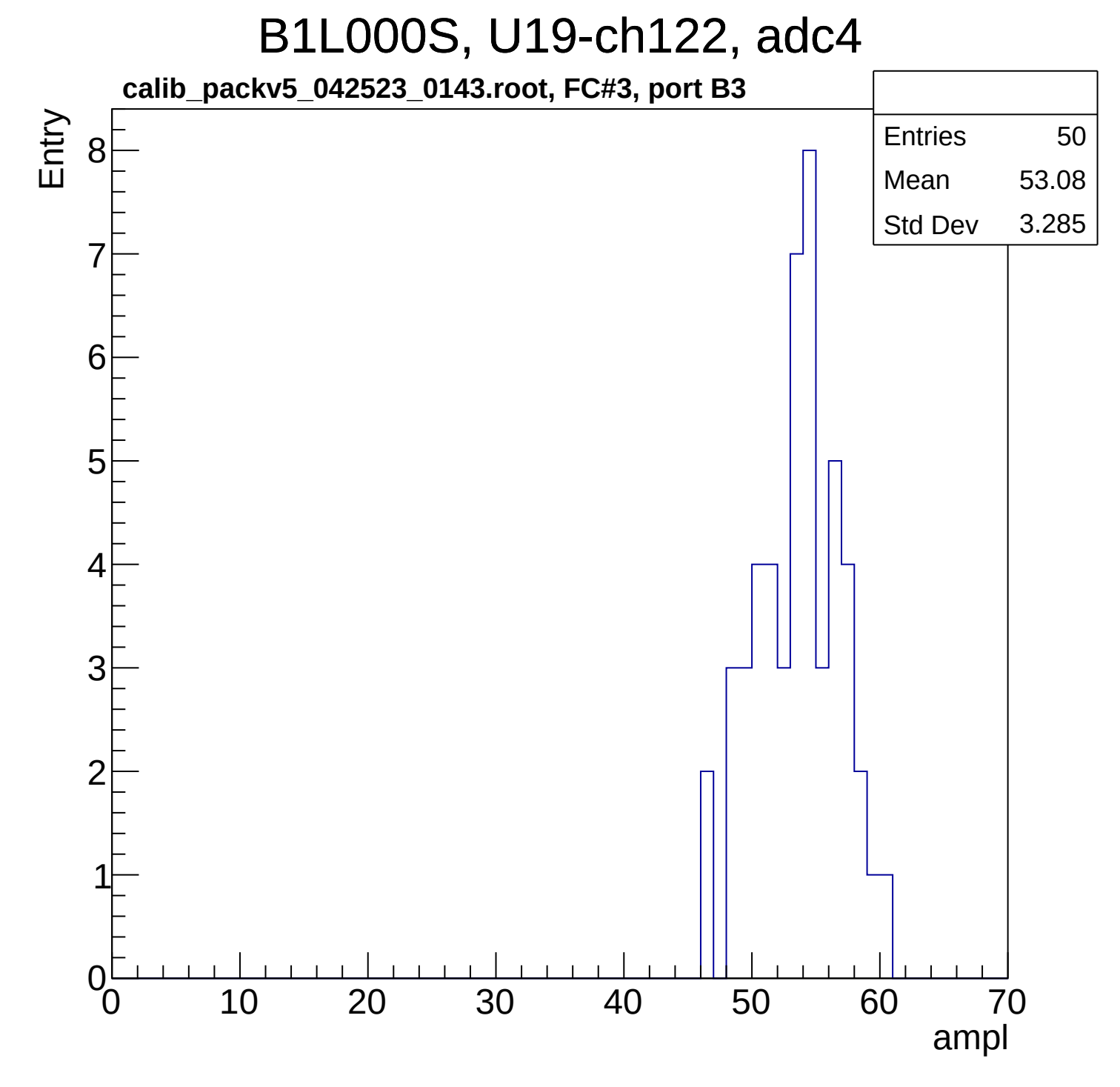
B1L000S, U19-ch122, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 53.08
Std Dev 3.285
Entry
ampl
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1
2
3
4
5
6
7
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0
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20
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40
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60
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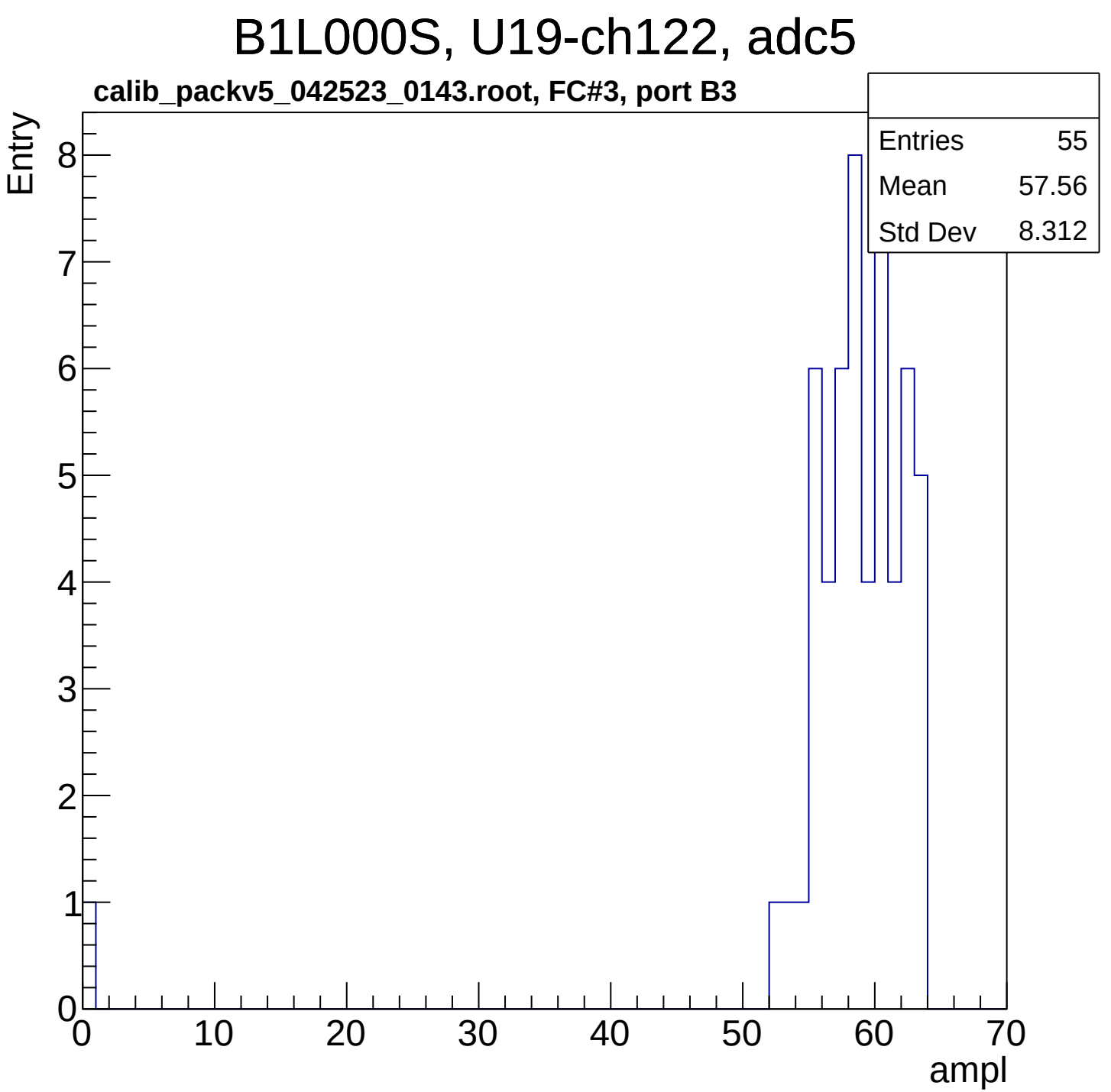
B1L000S, U19-ch122, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 57.56
Std Dev 8.312
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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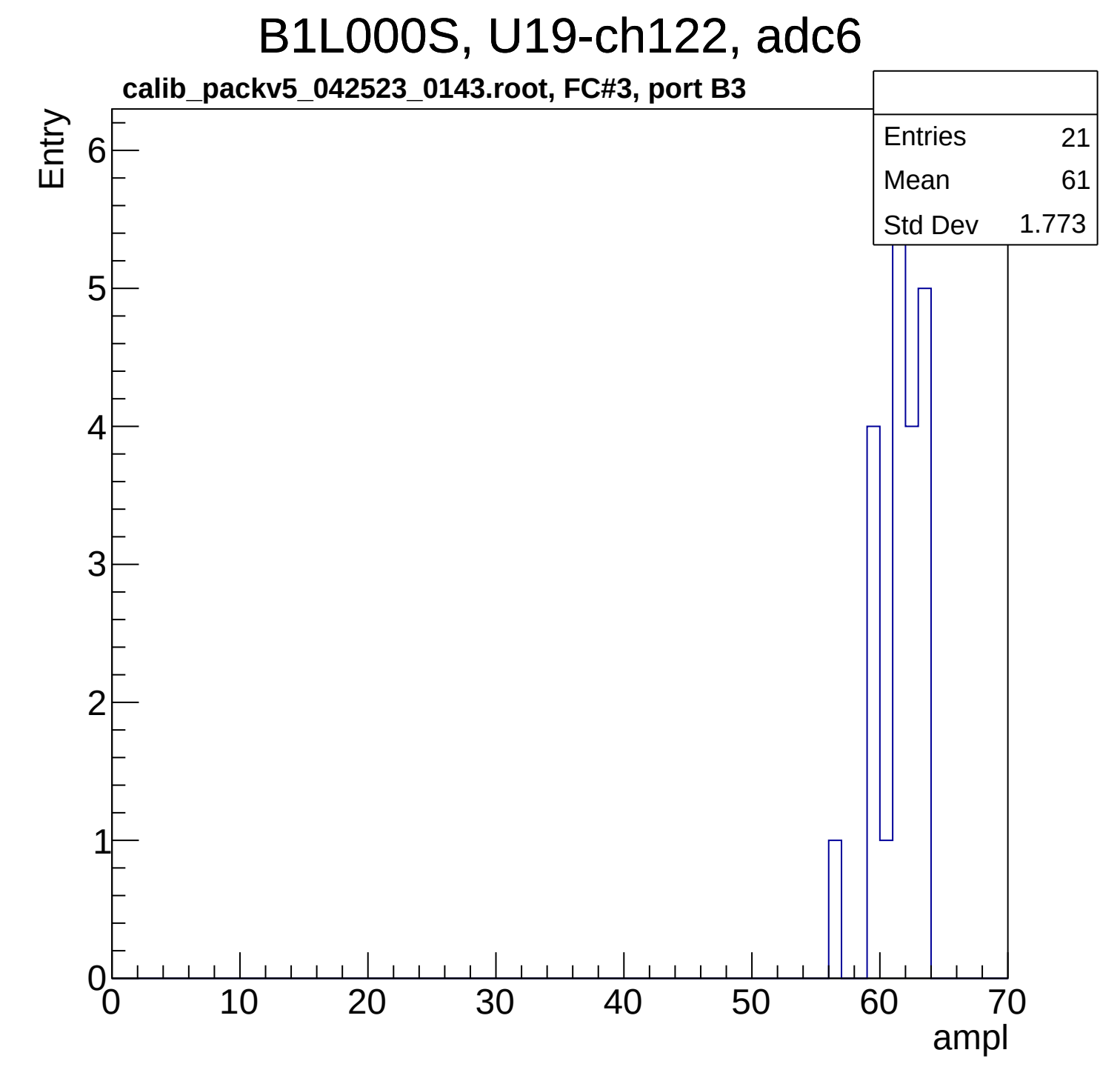
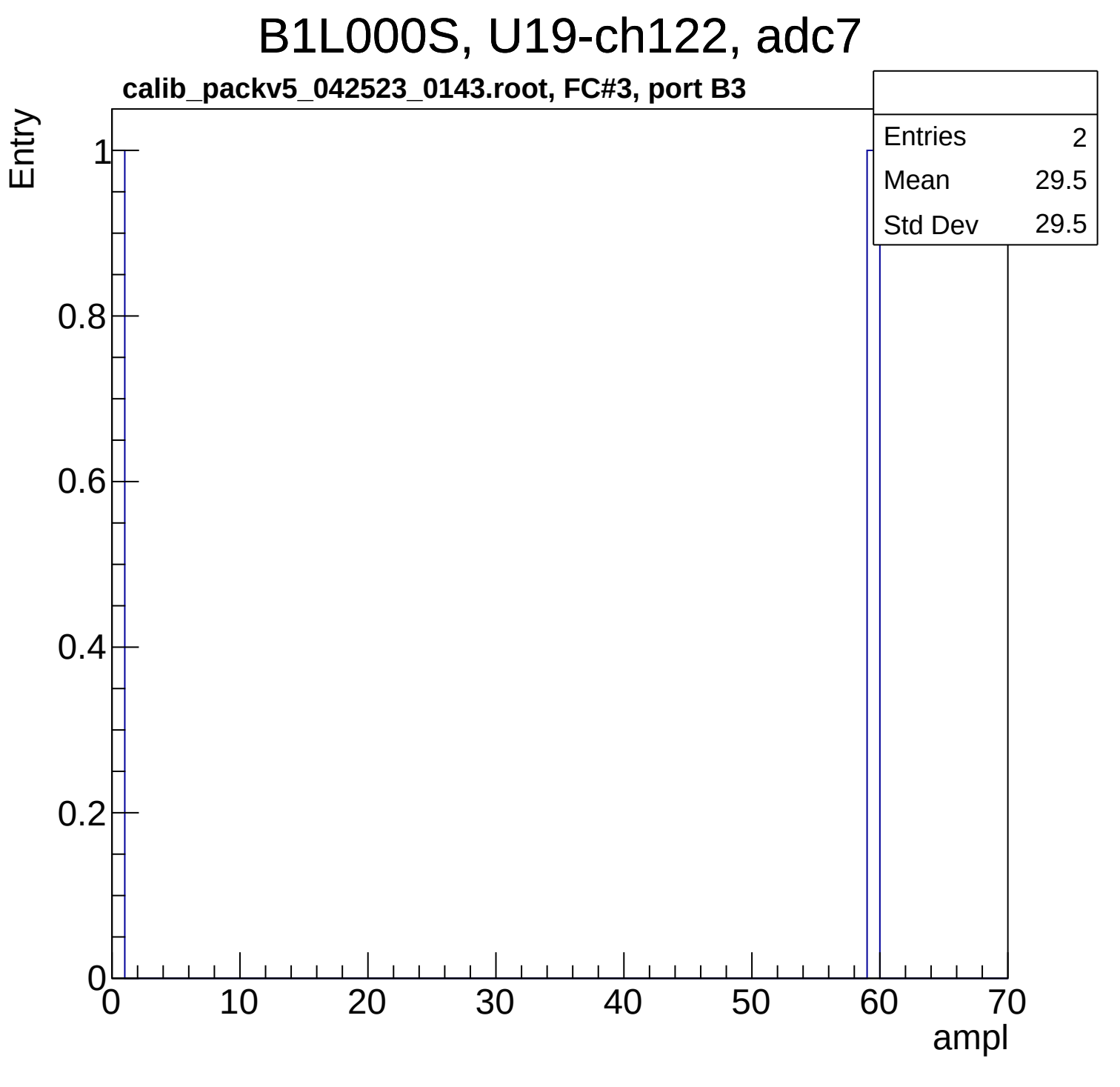
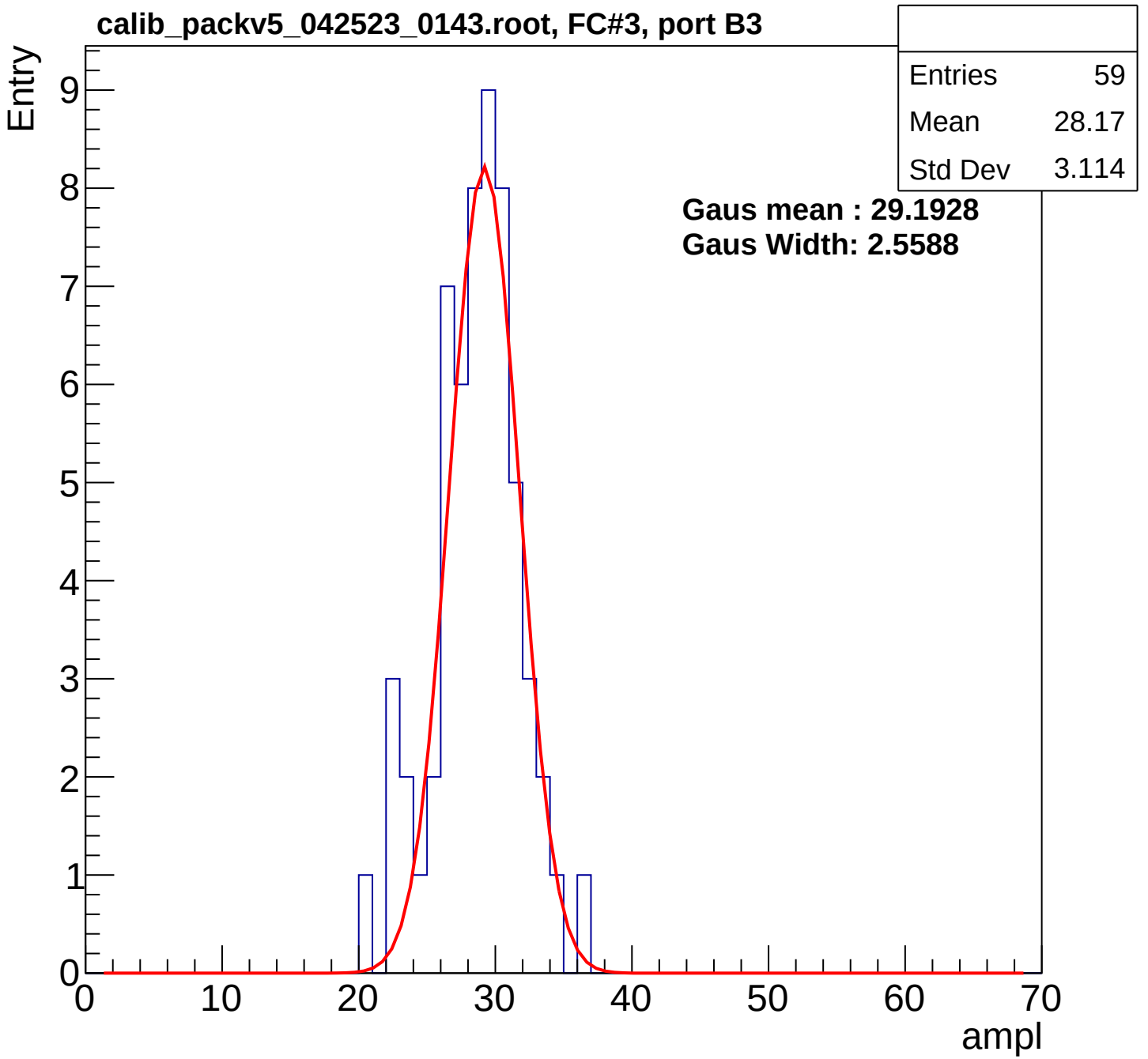
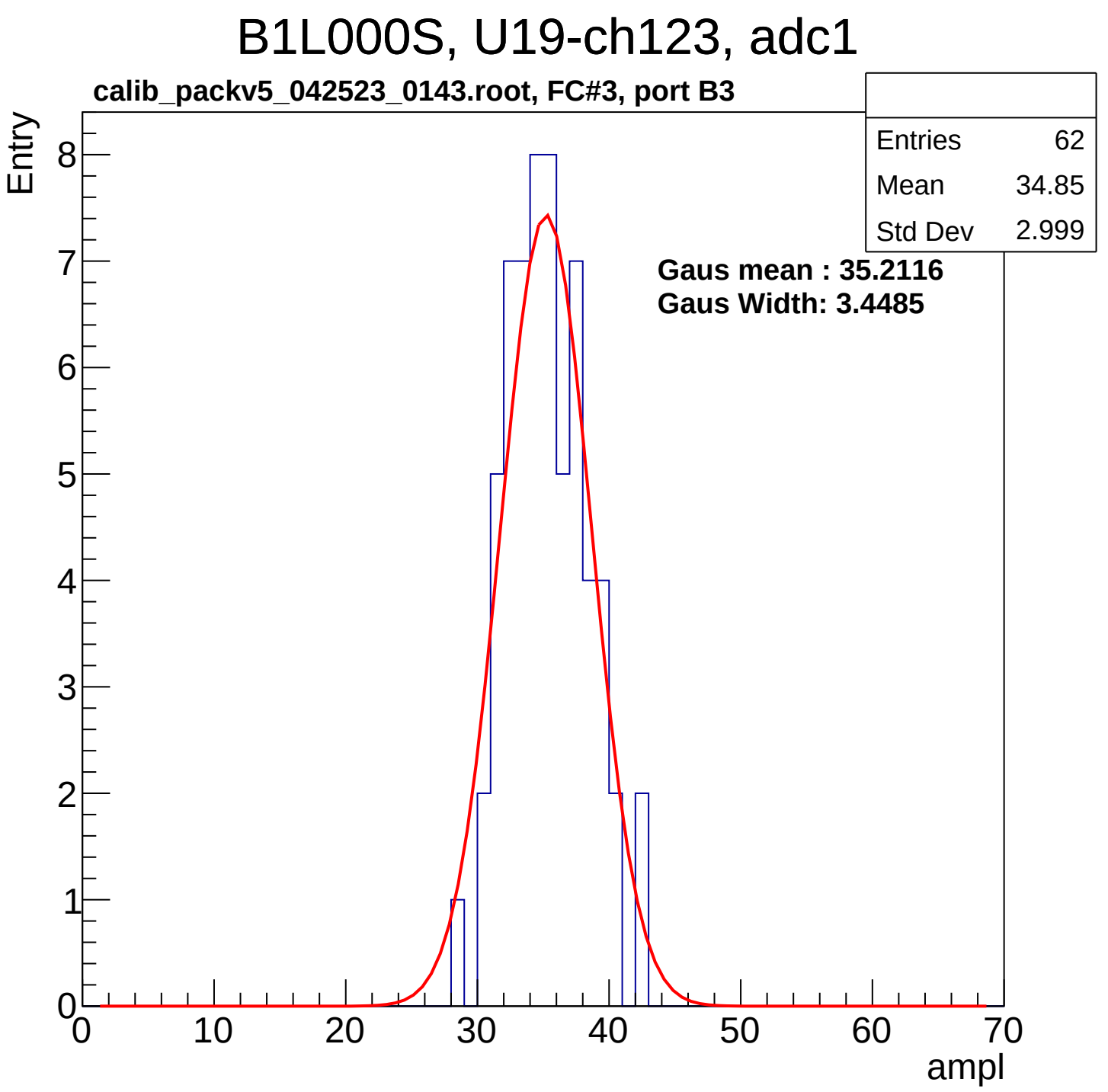

B1L000S, U19-ch122, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 21
Mean 61
Std Dev 1.773
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L000S, U19-ch122, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 29.5
Std Dev 29.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch123, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 28.17
Std Dev 3.114
Gaus mean : 29.1928
Gaus Width: 2.5588
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch123, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 34.85
Std Dev 2.999
Gaus mean : 35.2116
Gaus Width: 3.4485
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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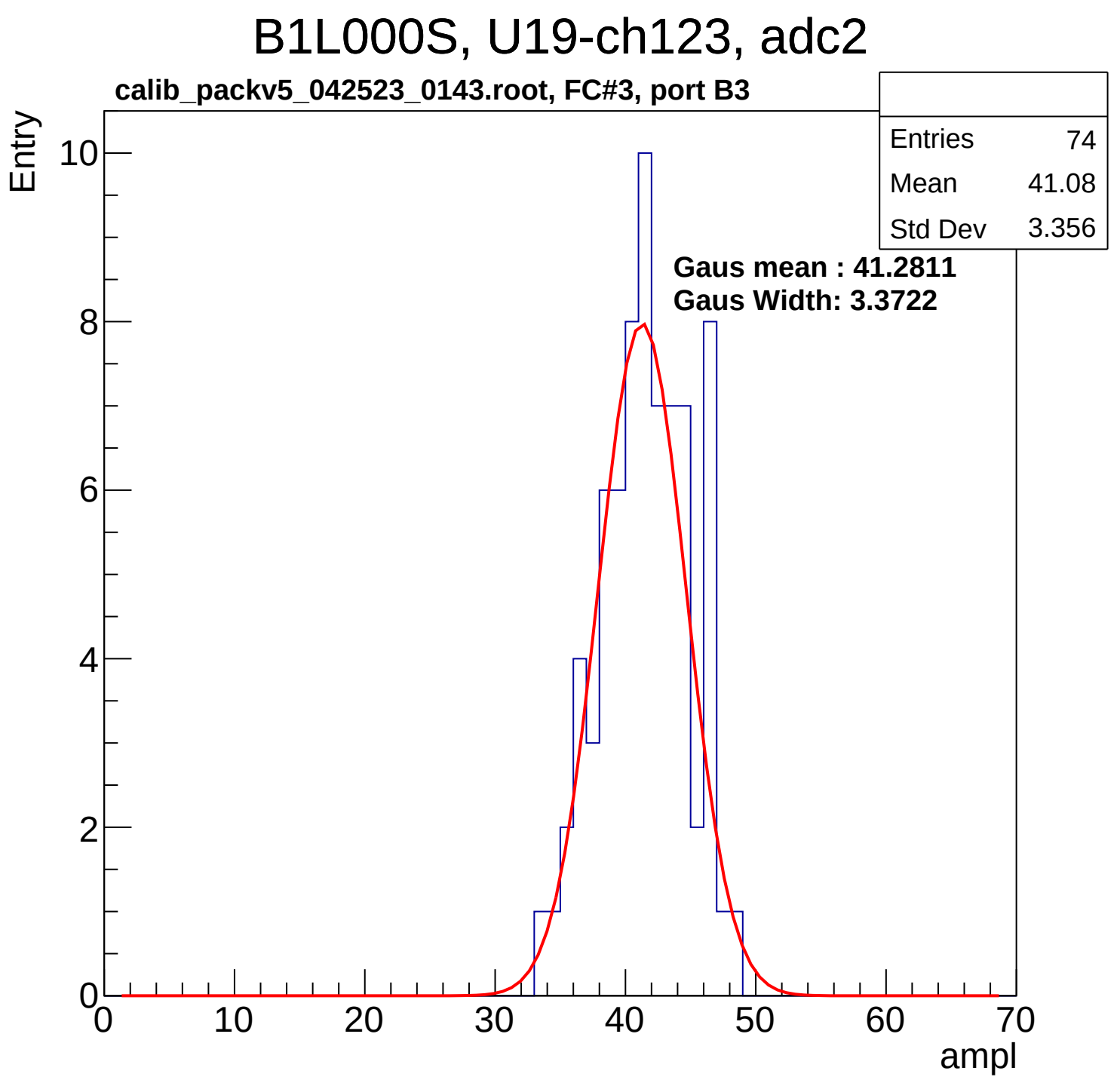
B1L000S, U19-ch123, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 41.08
Std Dev 3.356
Gaus mean : 41.2811
Gaus Width: 3.3722
Entry
ampl
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2
4
6
8
10
0
10
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40
50
60
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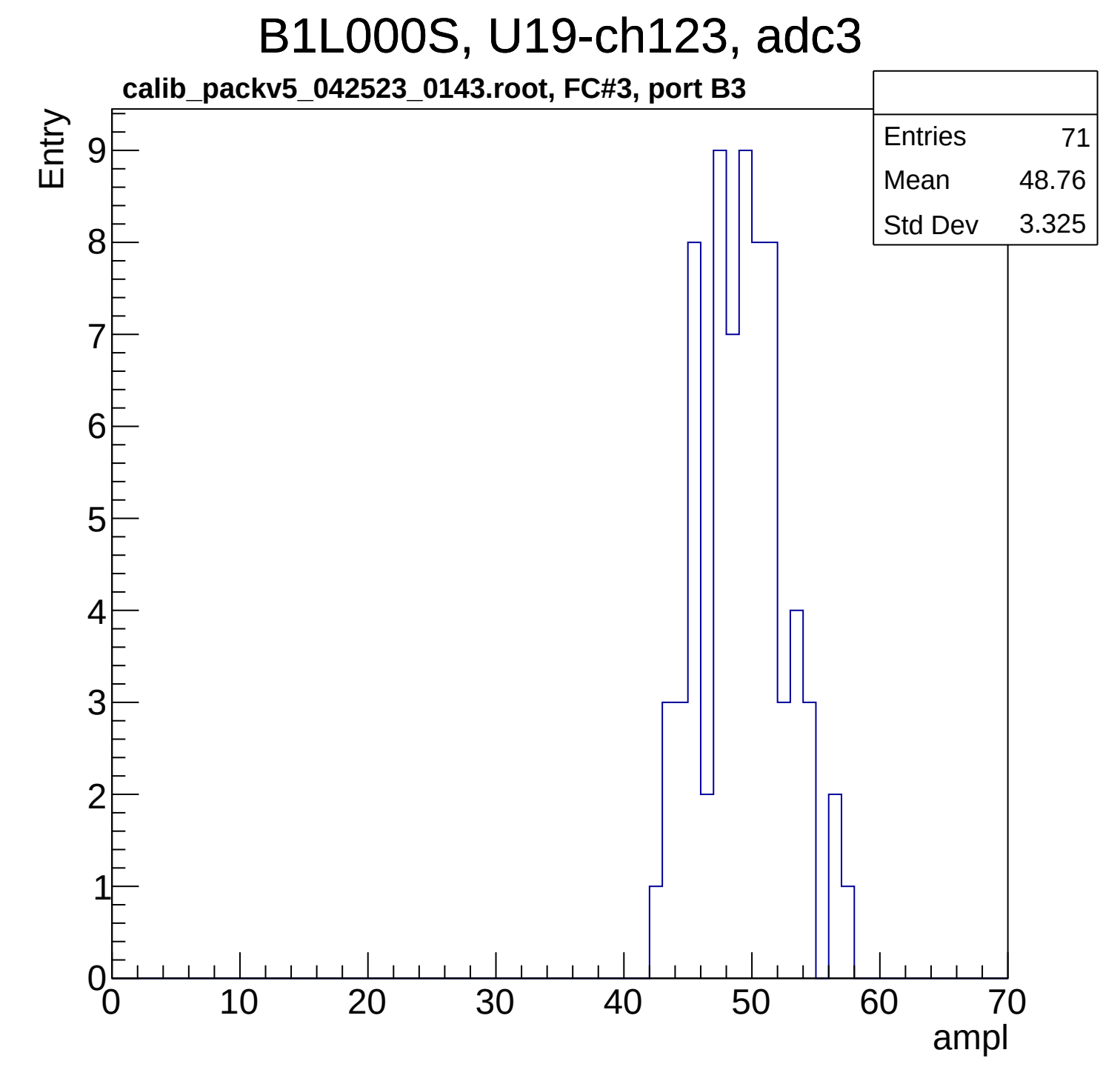
B1L000S, U19-ch123, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 48.76
Std Dev 3.325
Entry
ampl
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5
6
7
8
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0
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20
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40
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60
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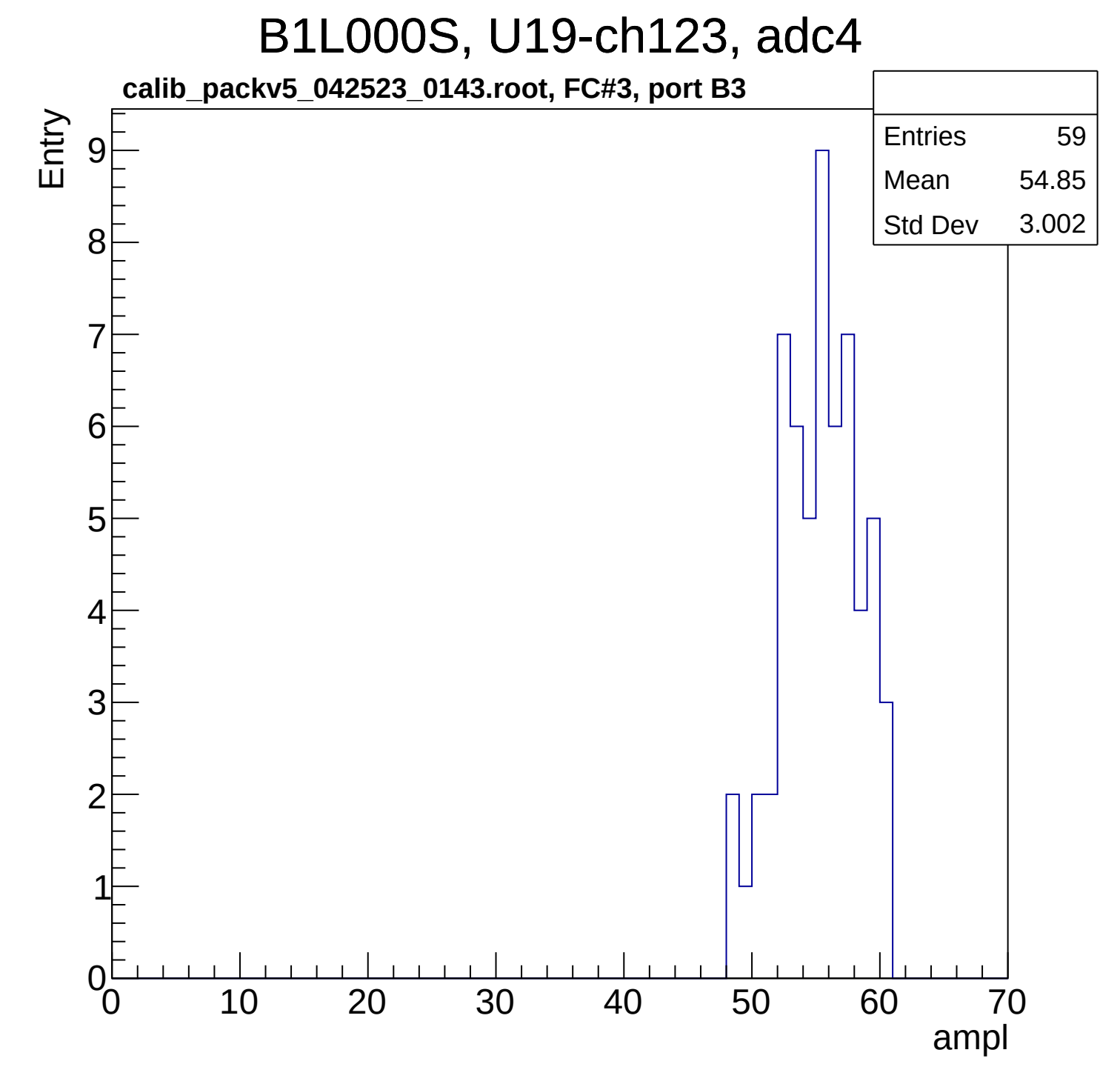
B1L000S, U19-ch123, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 54.85
Std Dev 3.002
Entry
ampl
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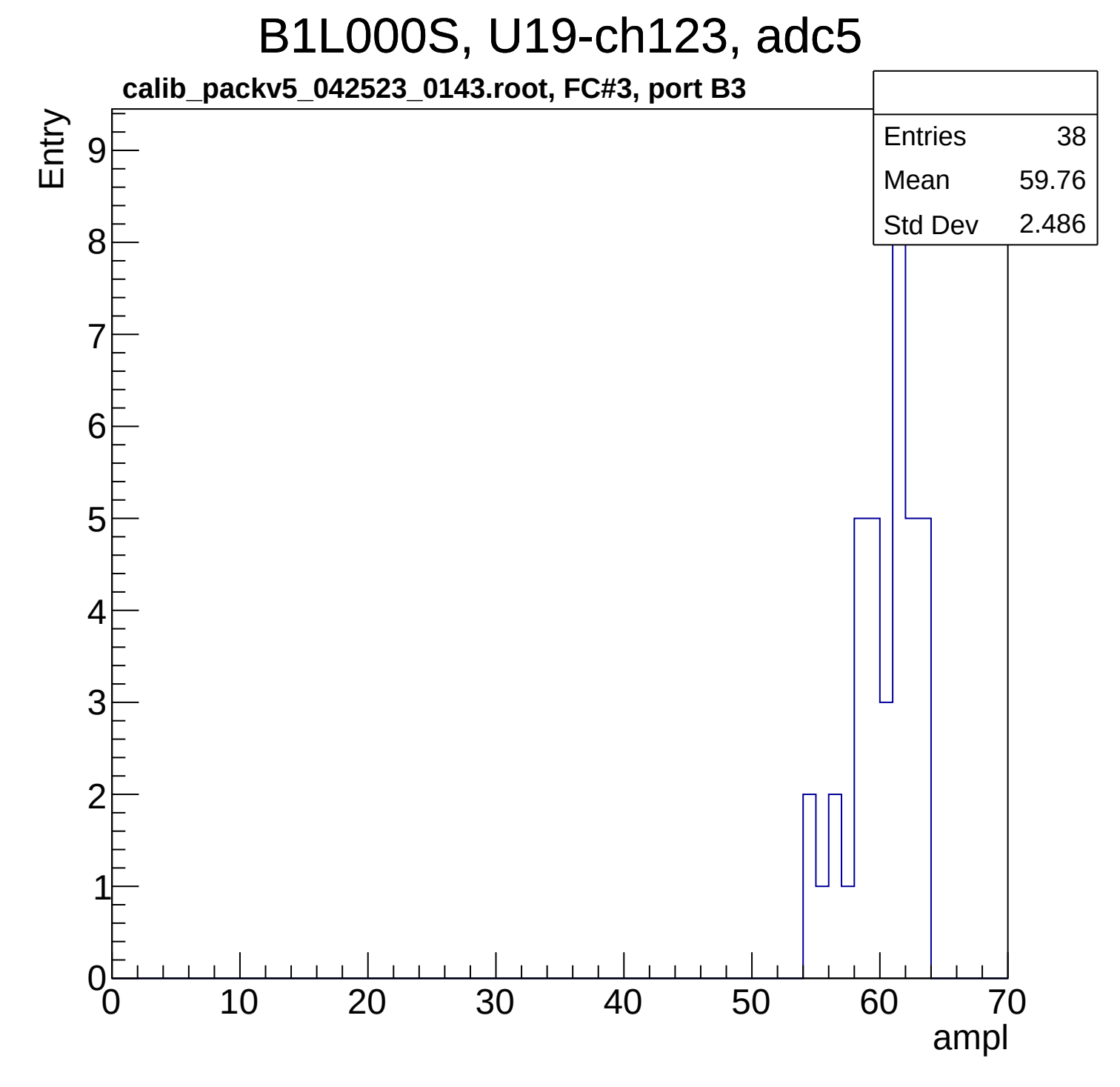
B1L000S, U19-ch123, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 38
Mean 59.76
Std Dev 2.486
Entry
ampl
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3
4
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0
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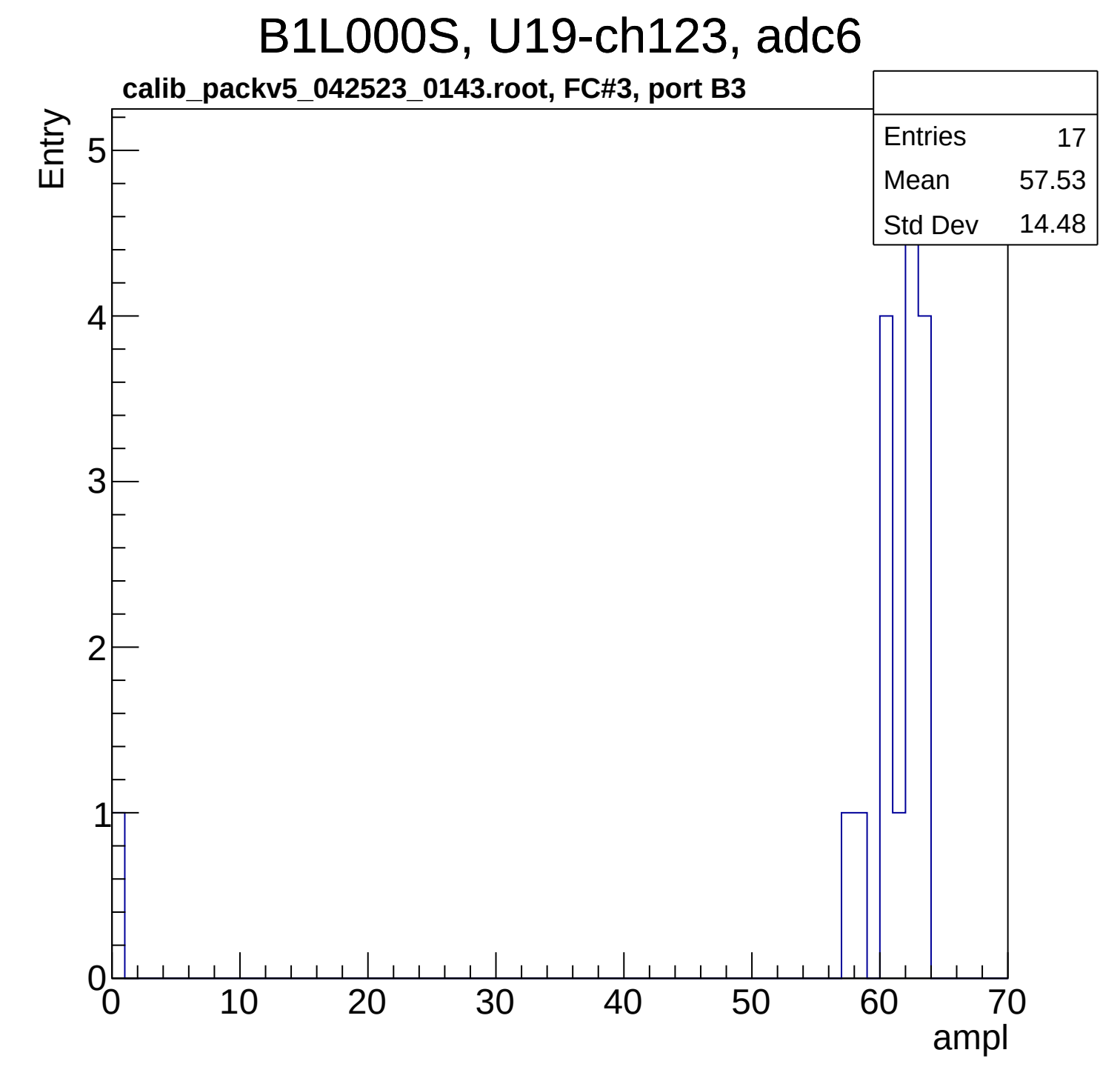
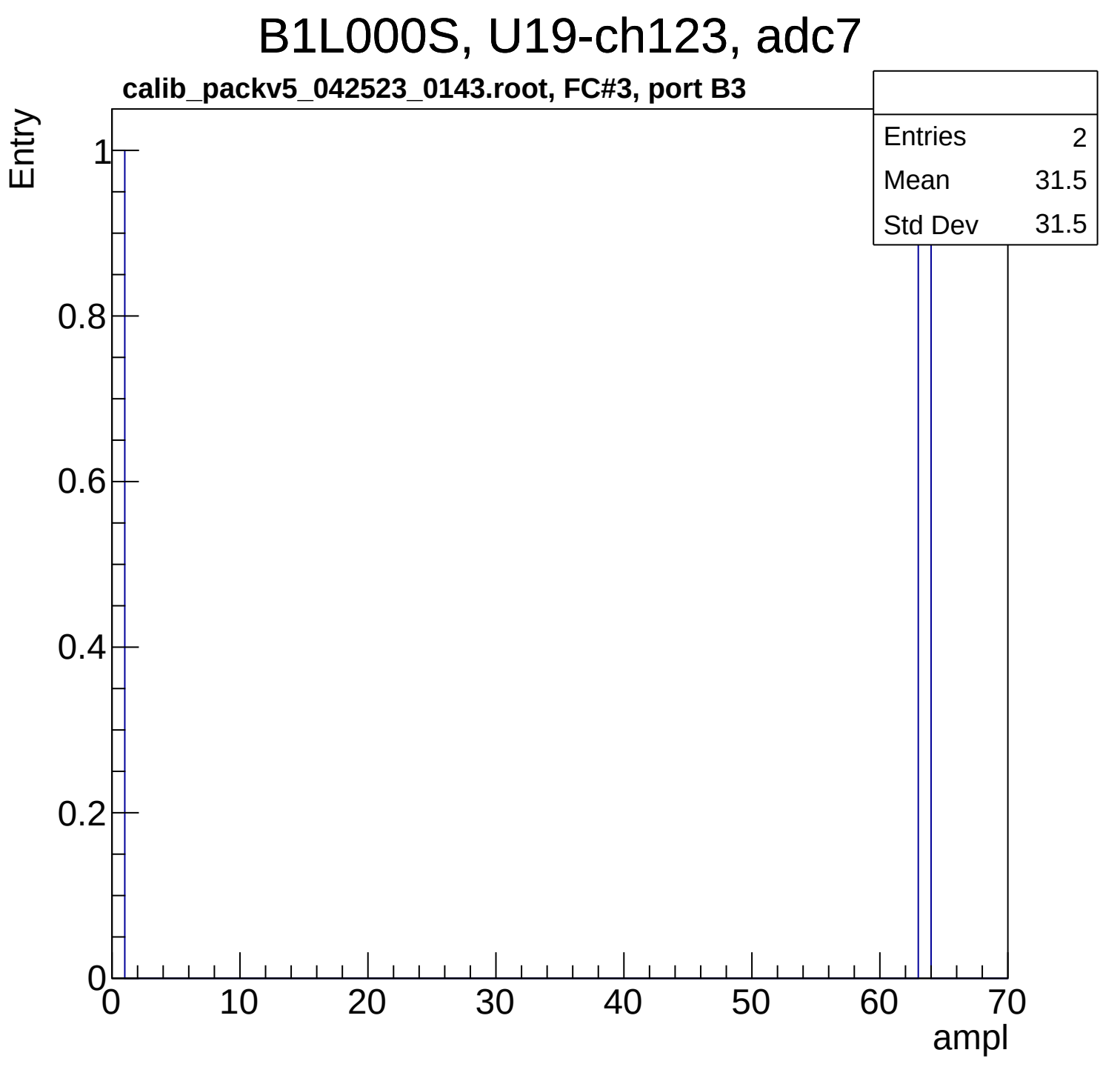
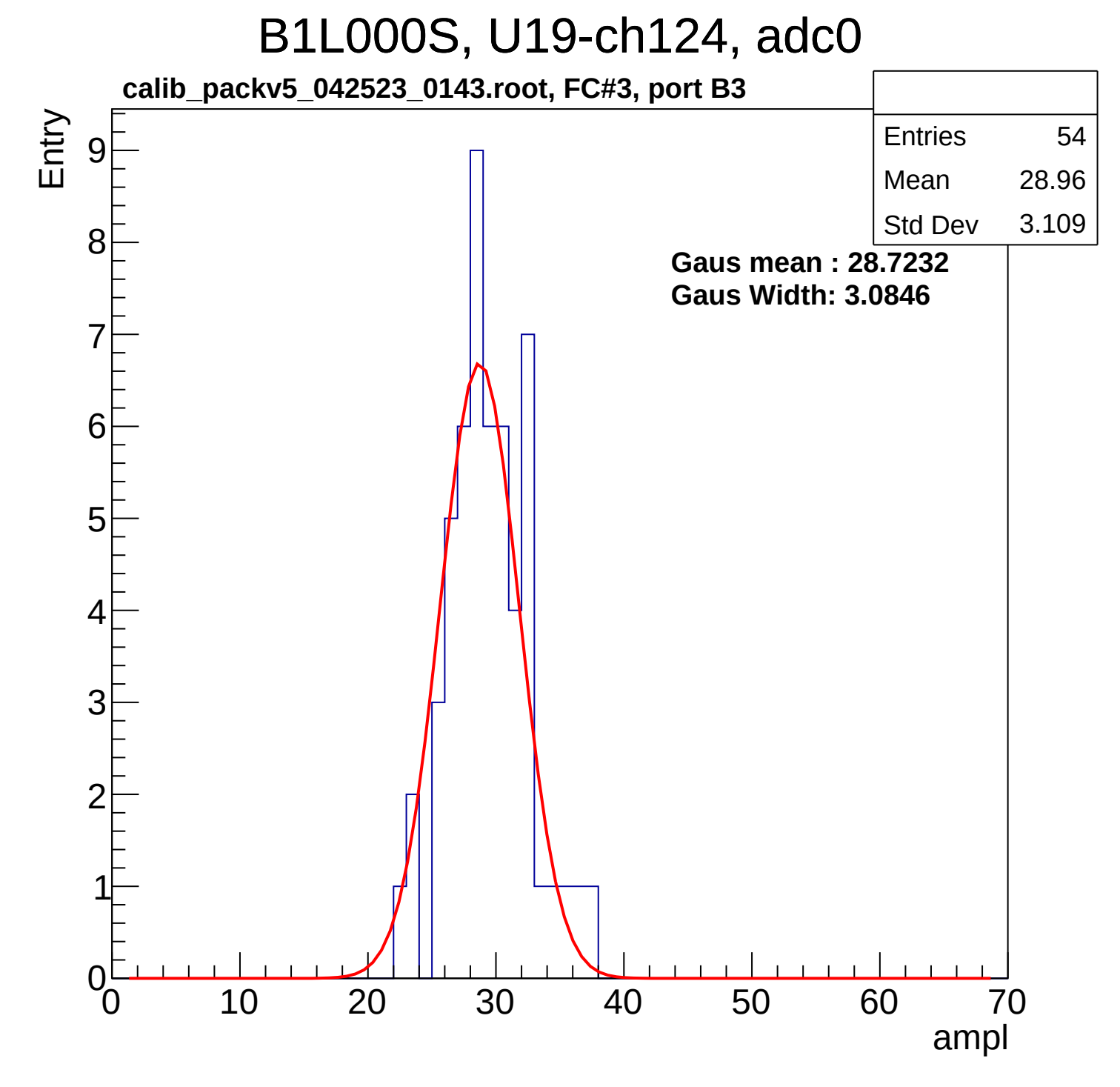

B1L000S, U19-ch123, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 57.53
Std Dev 14.48
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L000S, U19-ch123, 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, U19-ch124, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 28.96
Std Dev 3.109
Gaus mean : 28.7232
Gaus Width: 3.0846
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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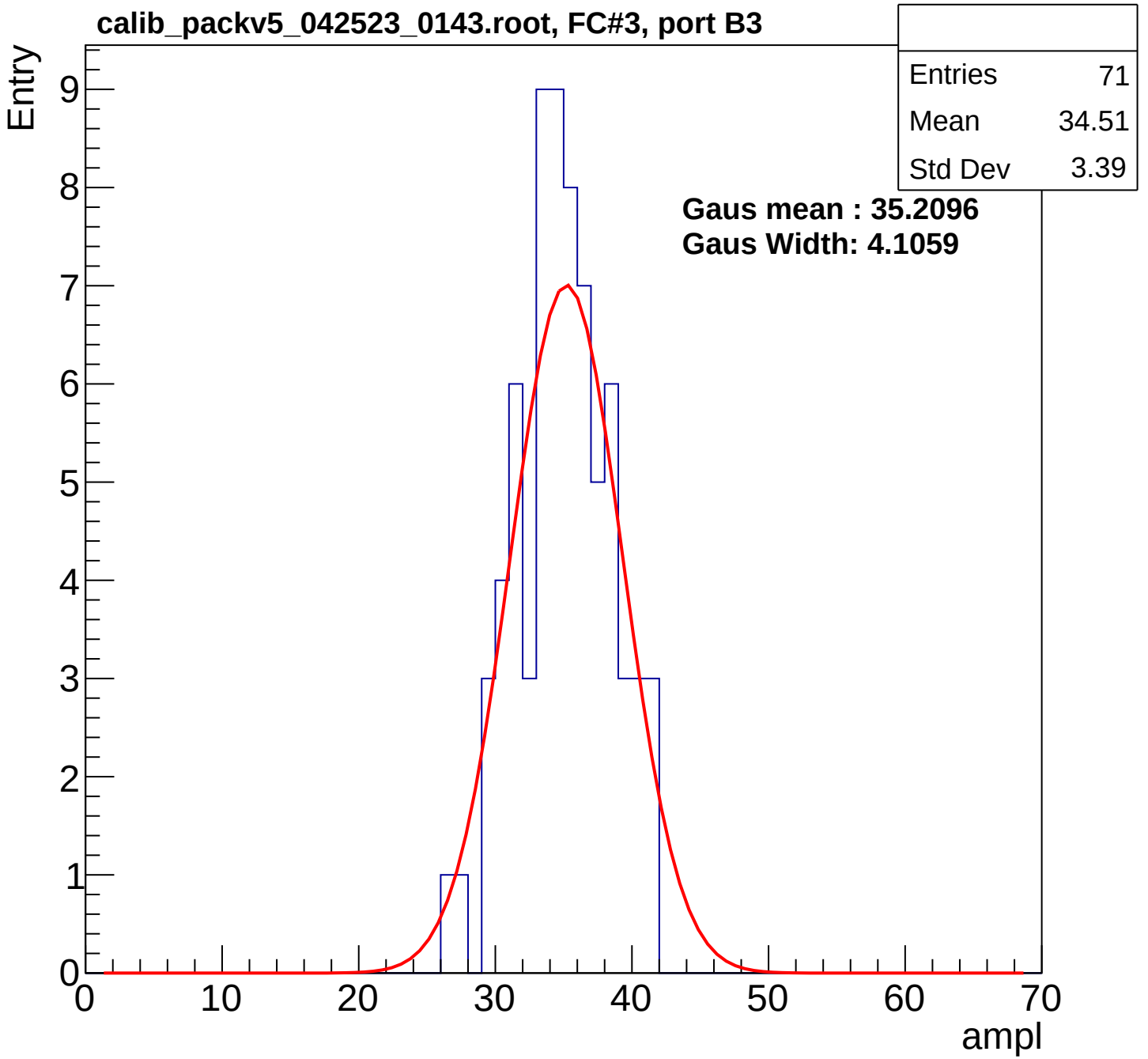
B1L000S, U19-ch124, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 34.51
Std Dev 3.39
Gaus mean : 35.2096
Gaus Width: 4.1059
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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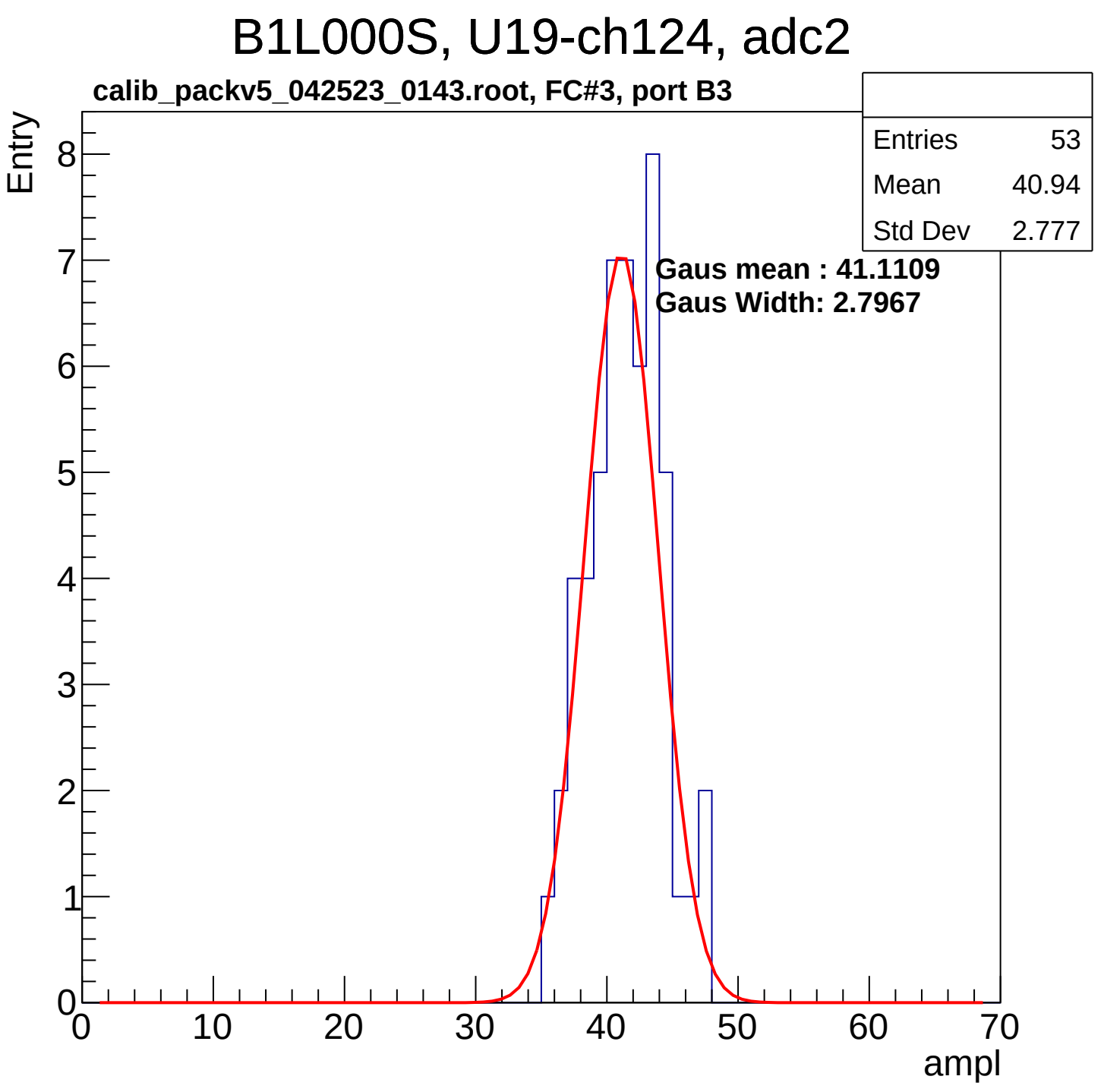
B1L000S, U19-ch124, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 40.94
Std Dev 2.777
Gaus mean : 41.1109
Gaus Width: 2.7967
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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60
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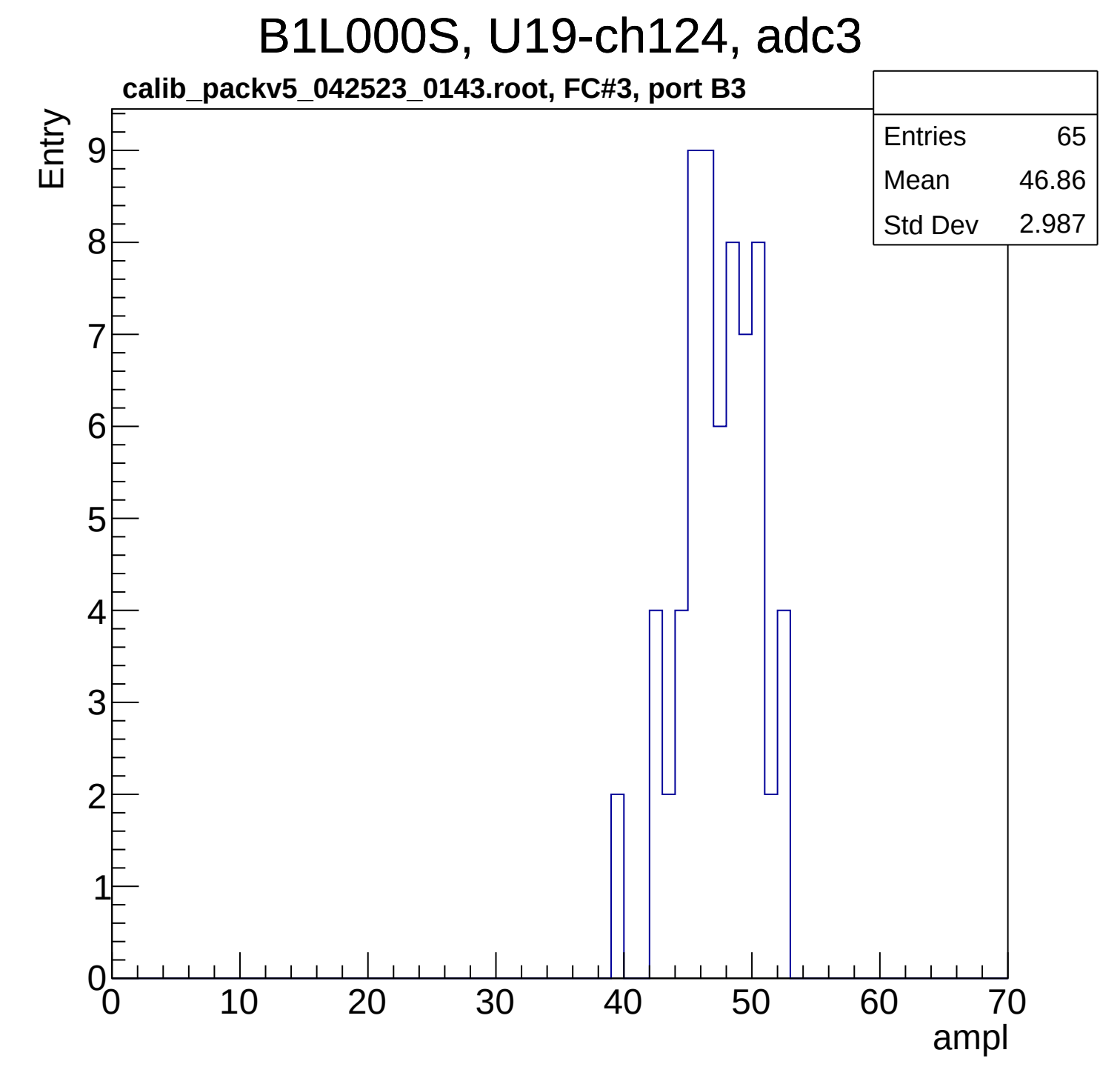
B1L000S, U19-ch124, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 46.86
Std Dev 2.987
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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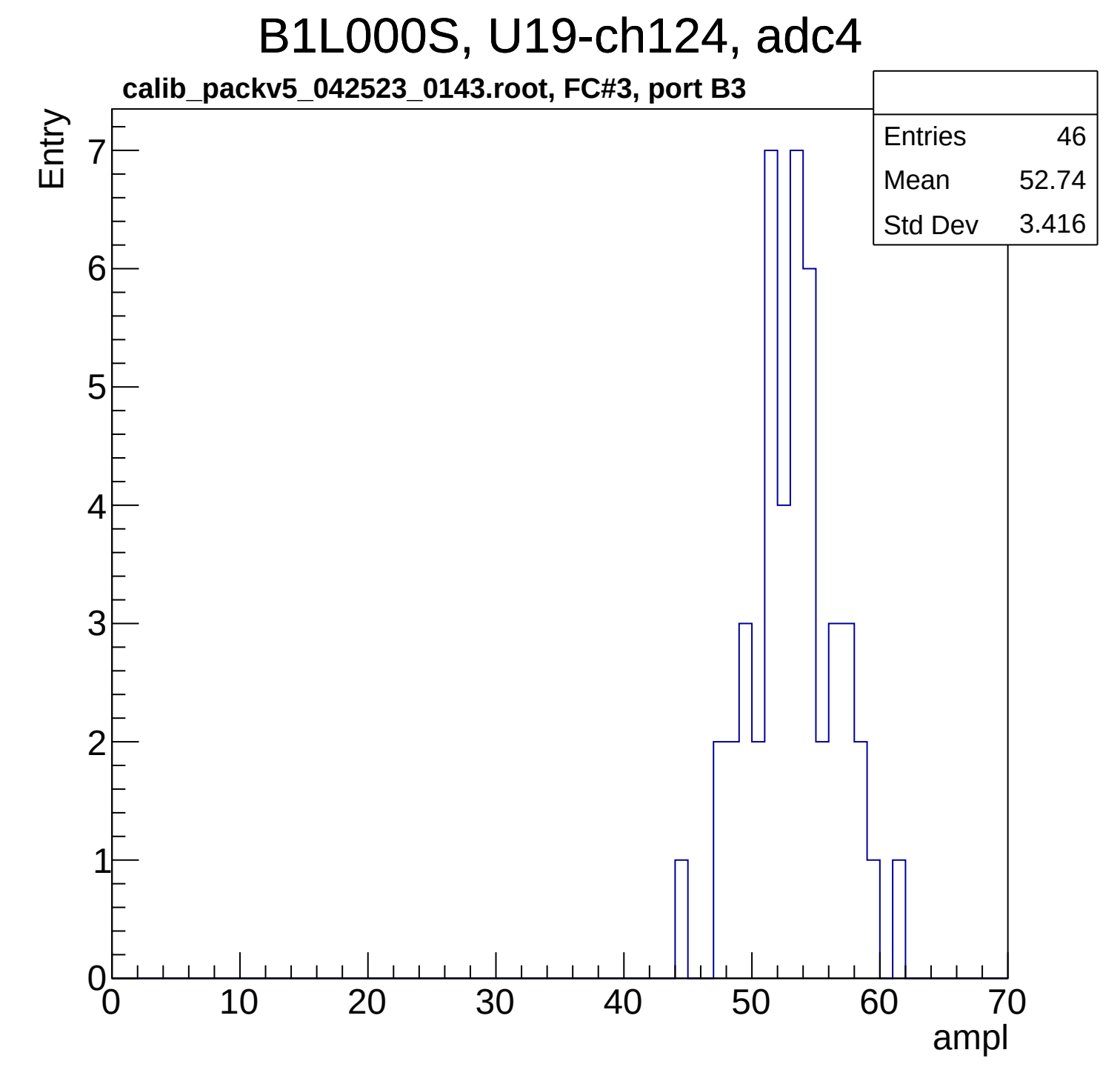
B1L000S, U19-ch124, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 52.74
Std Dev 3.416
Entry
ampl
0
1
2
3
4
5
6
7
0
10
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40
50
60
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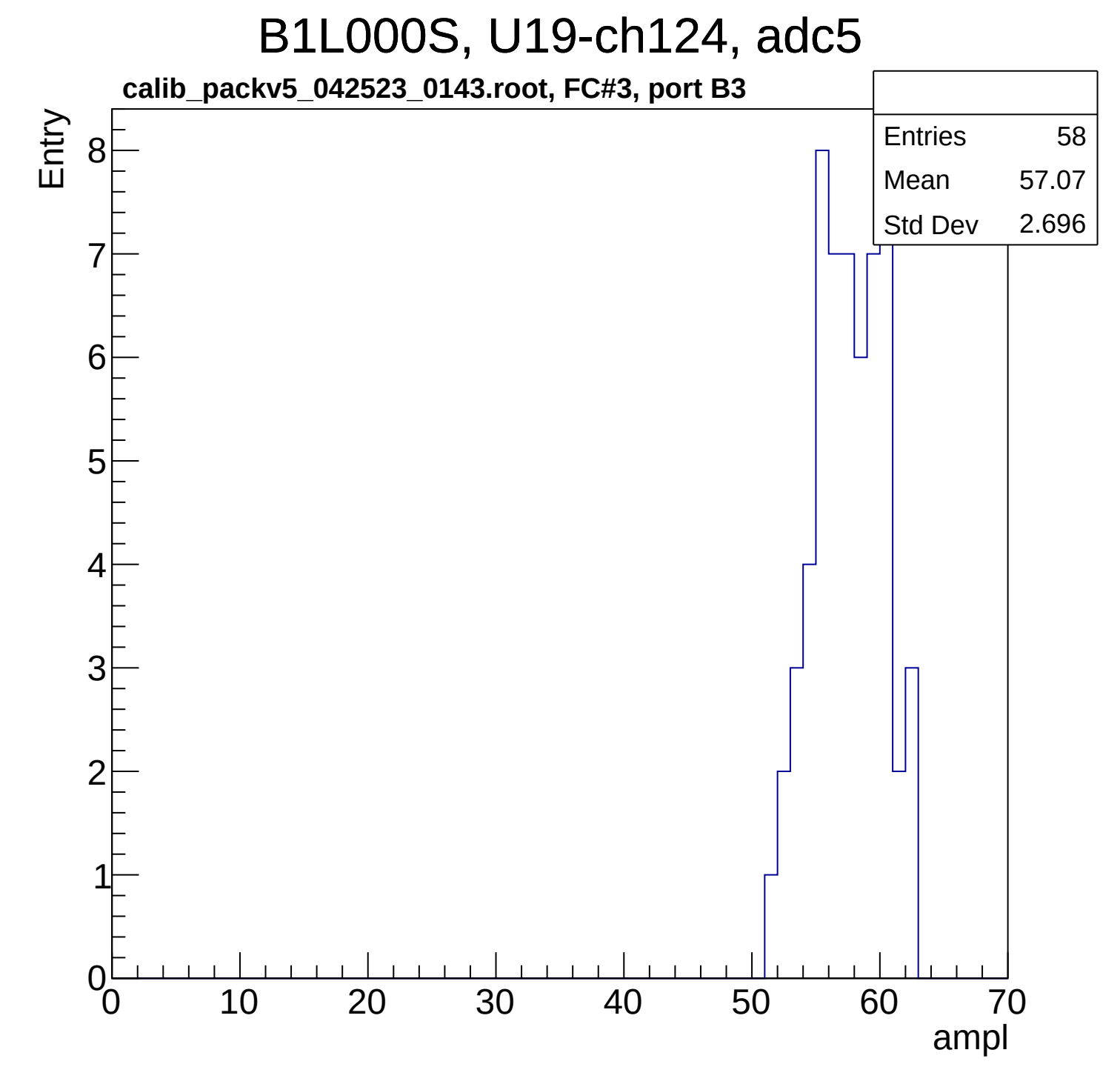
B1L000S, U19-ch124, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 57.07
Std Dev 2.696
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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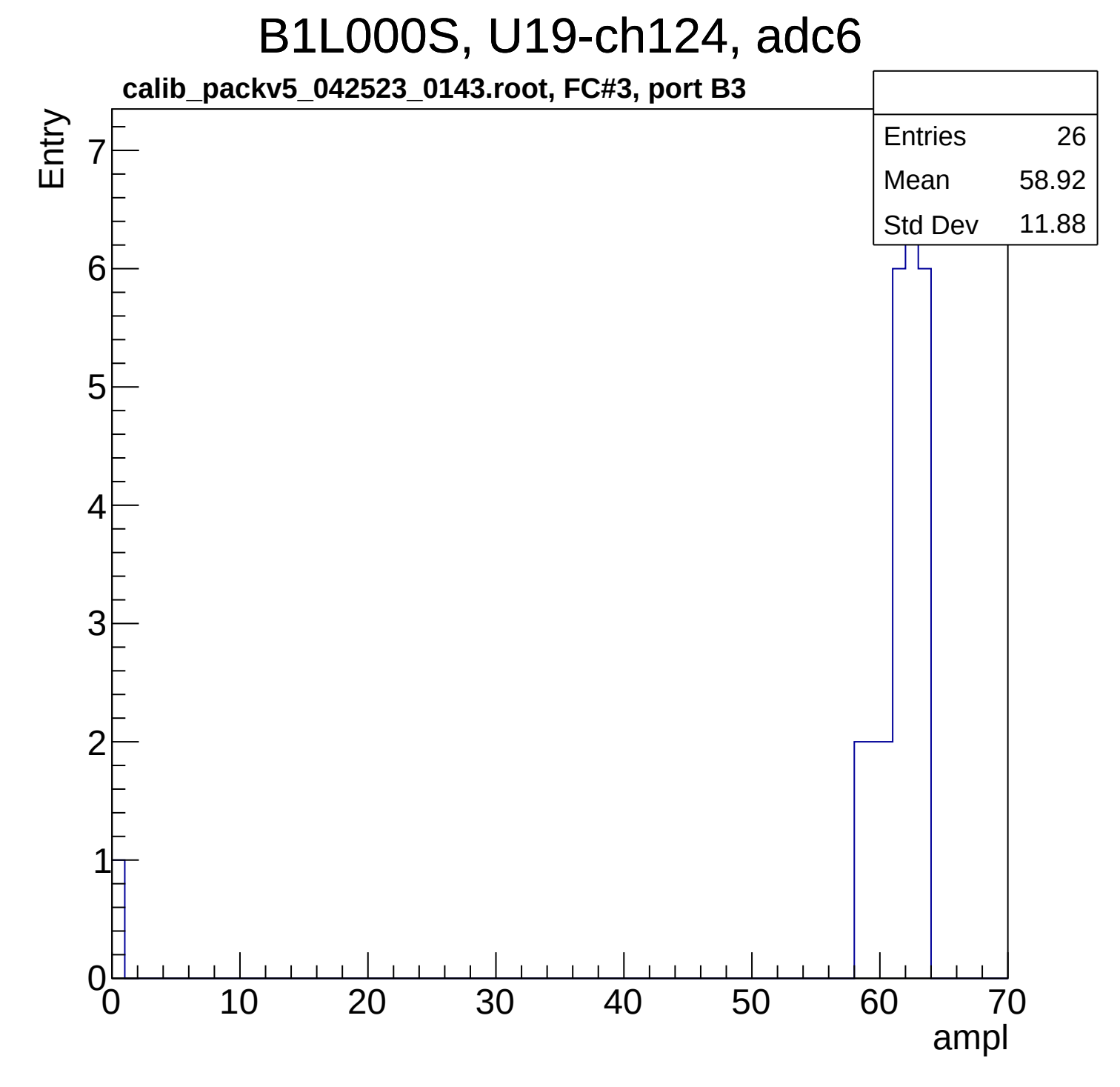
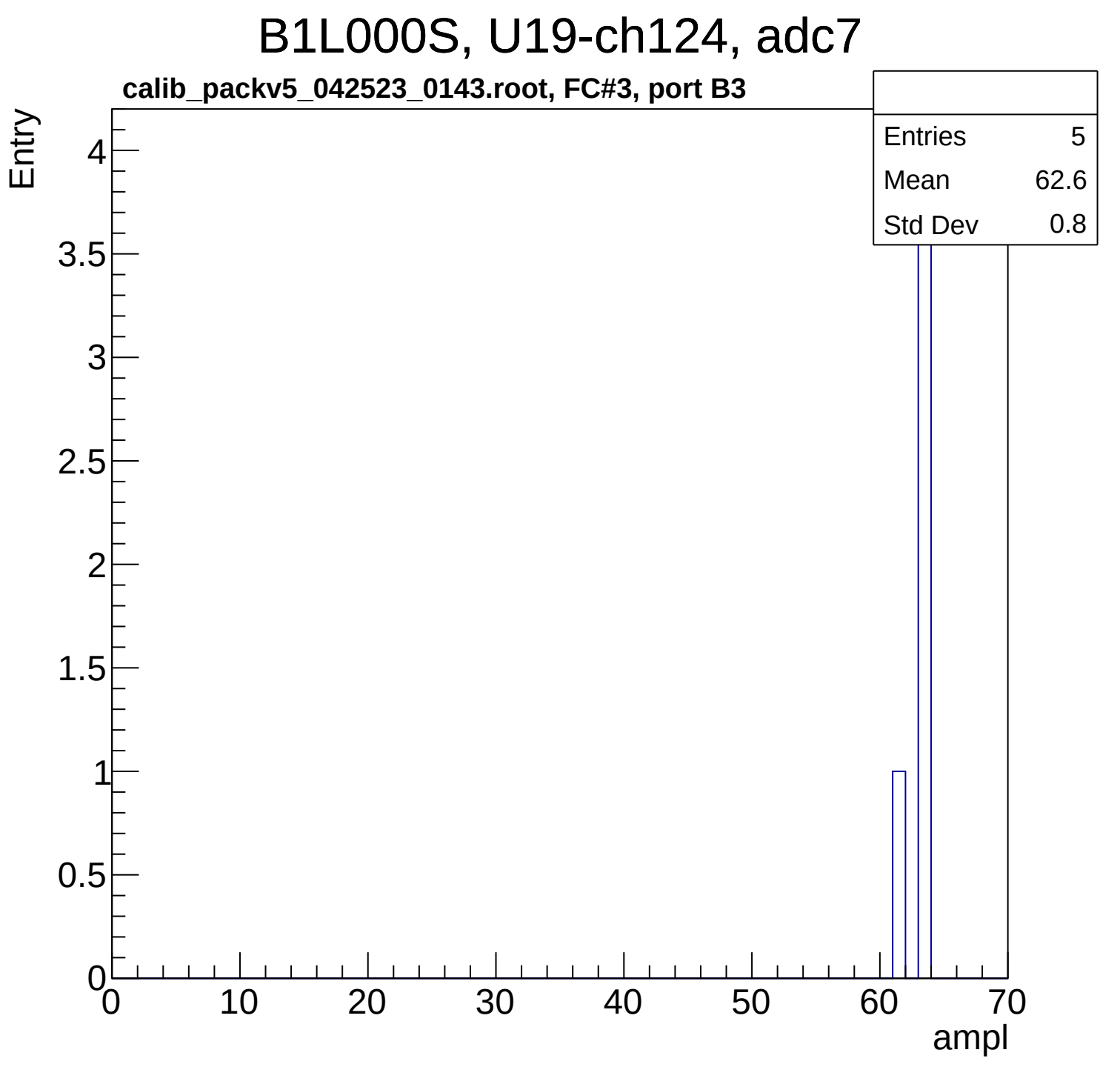
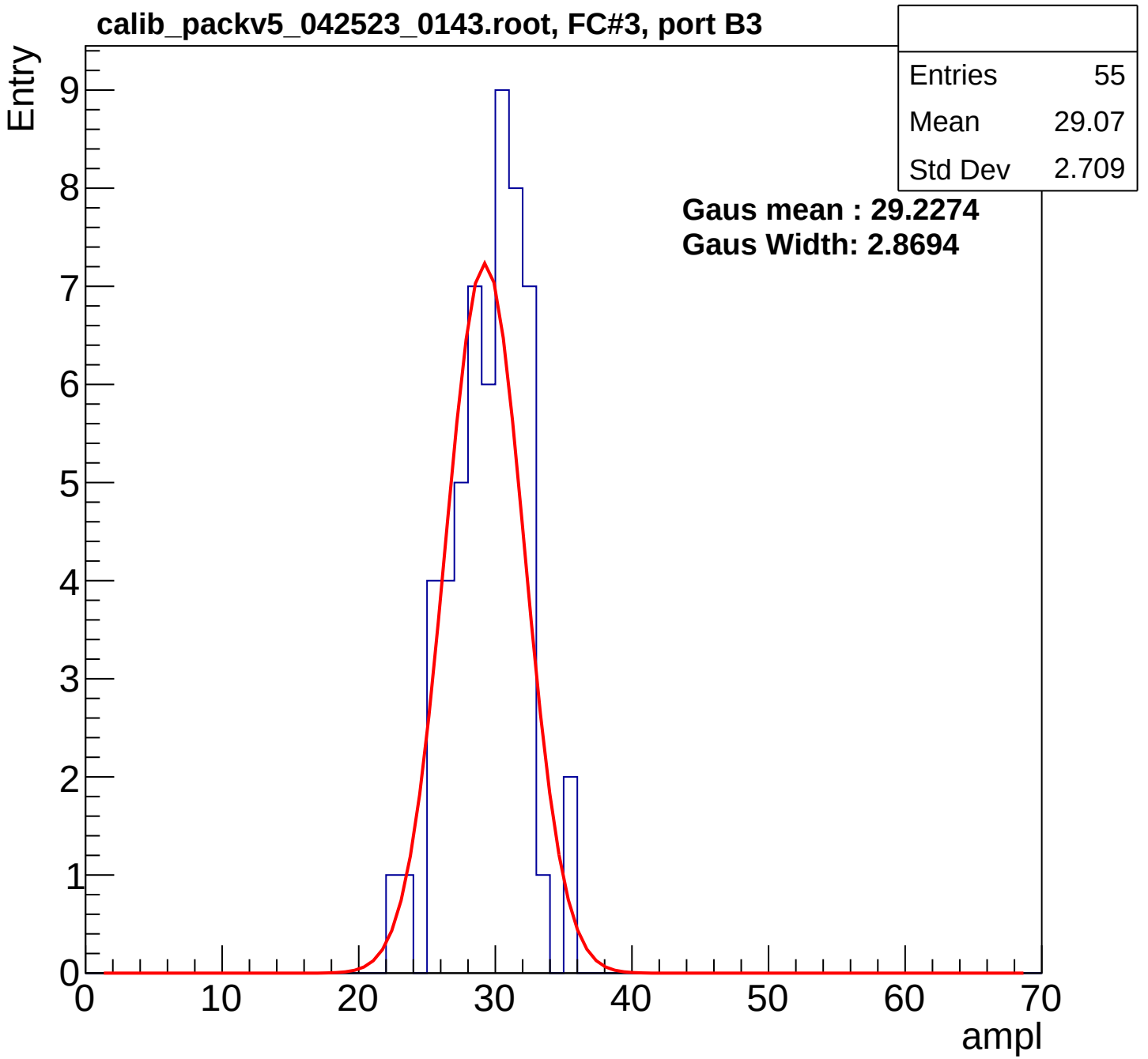
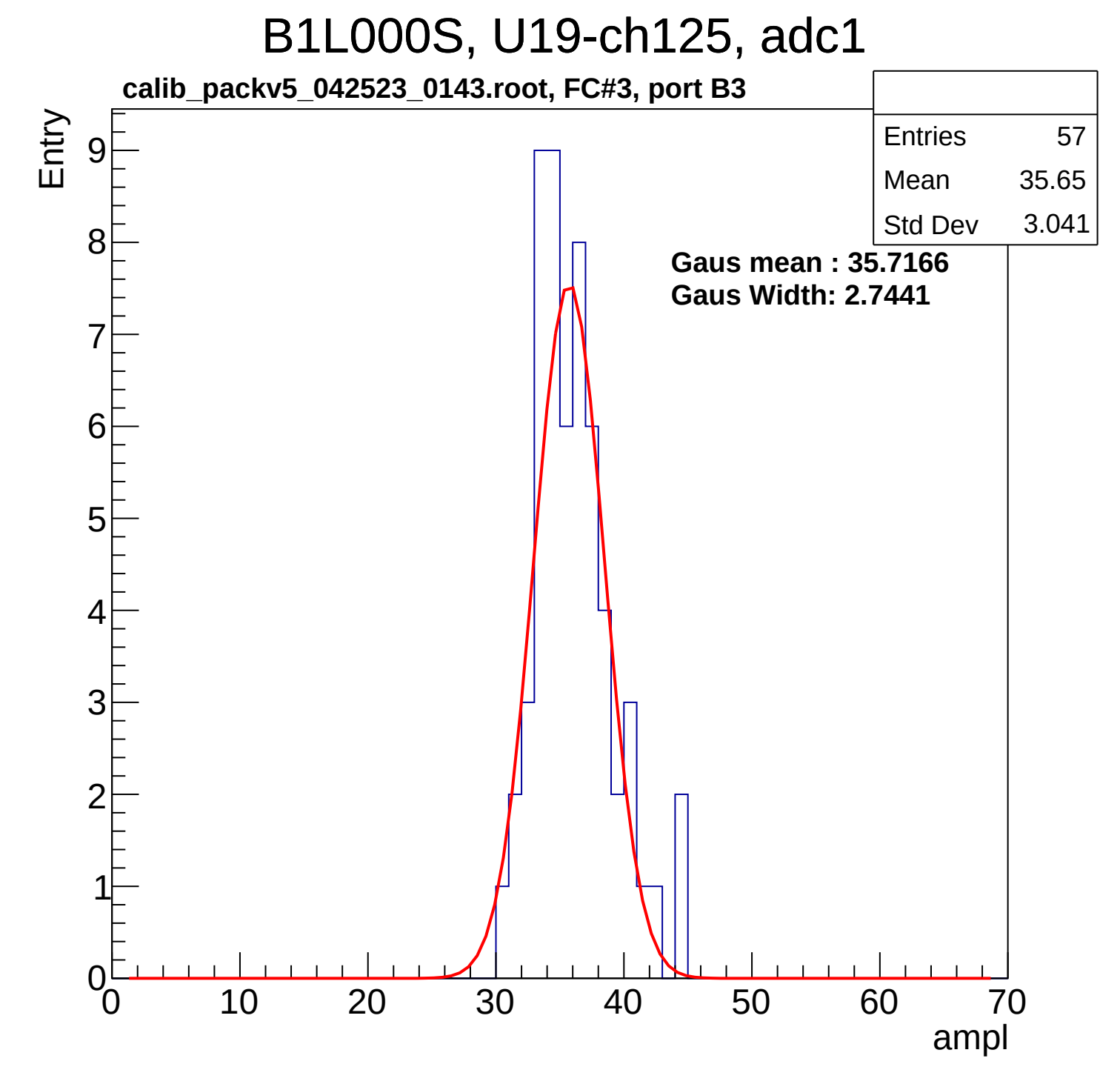
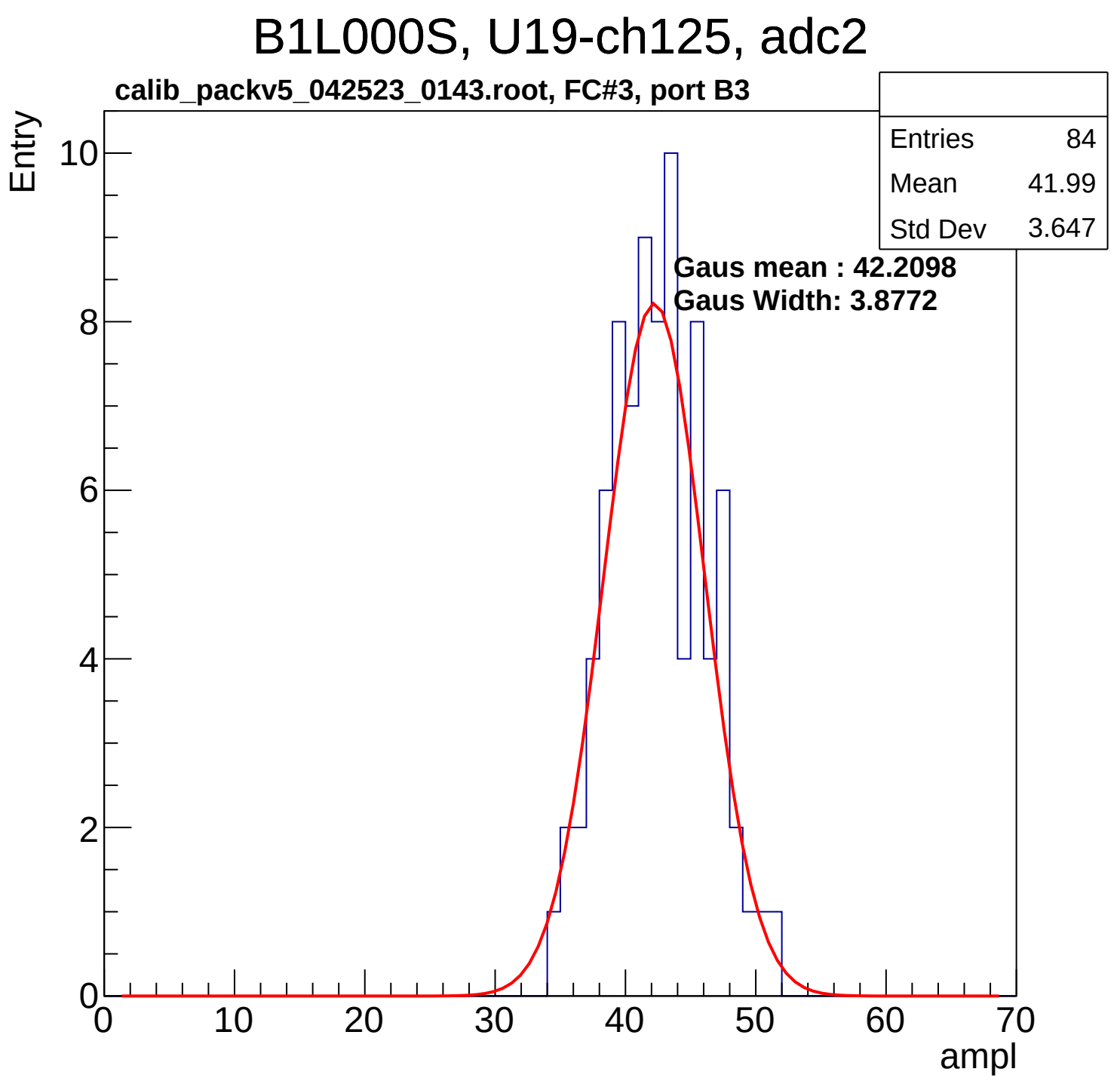
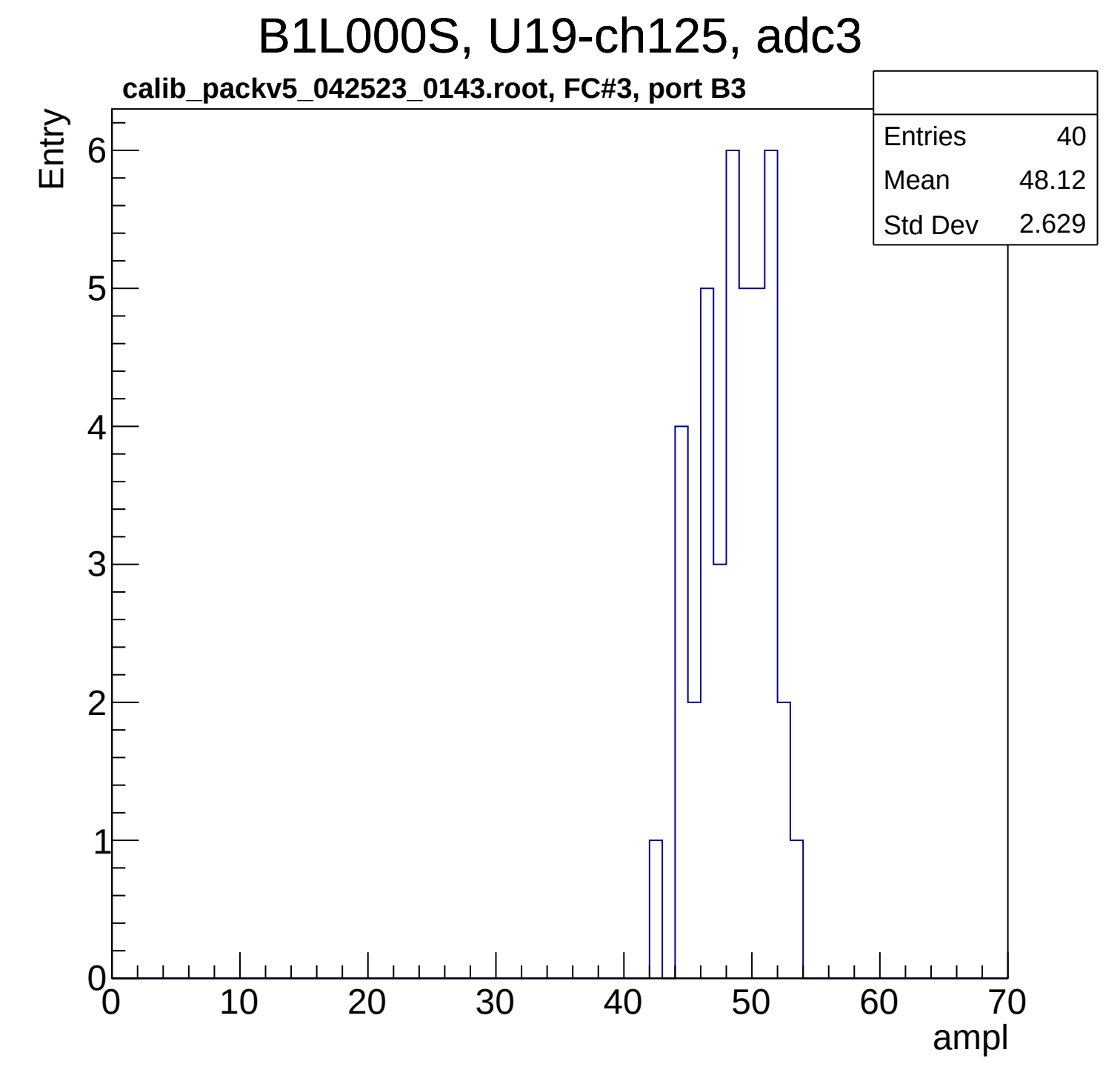

B1L000S, U19-ch124, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 26
Mean 58.92
Std Dev 11.88
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

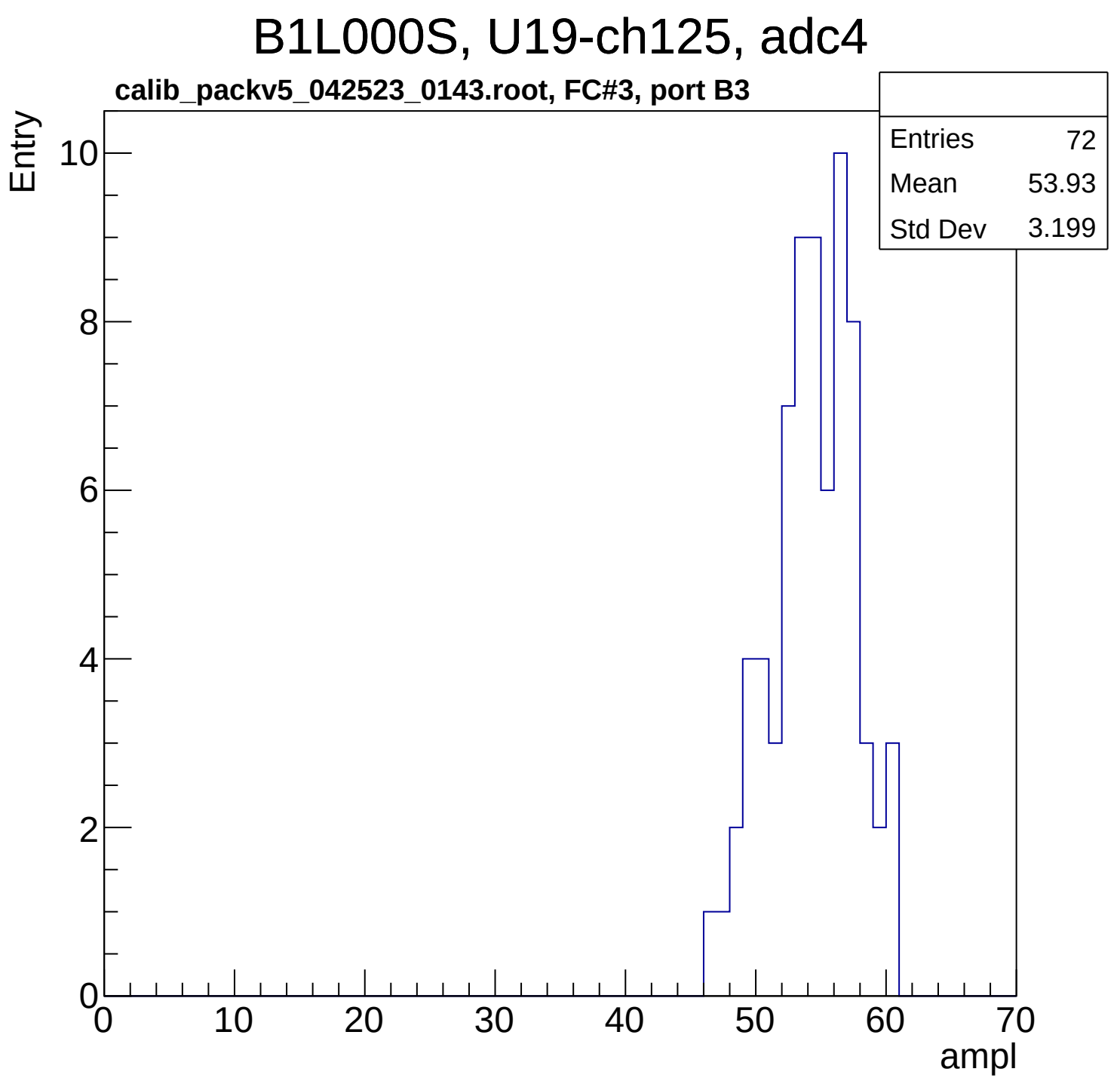

B1L000S, U19-ch124, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 62.6
Std Dev 0.8
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

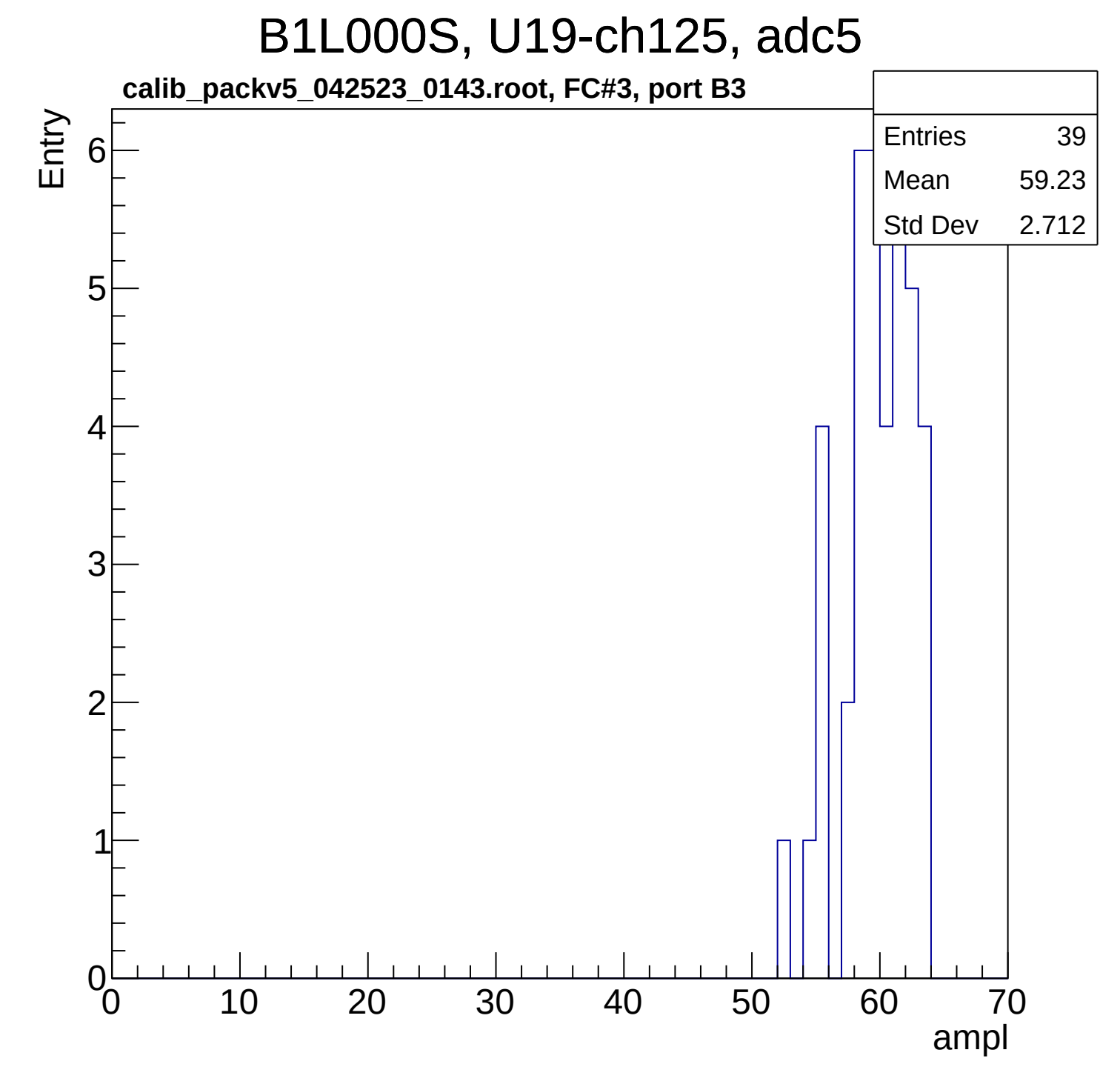

B1L000S, U19-ch125, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 29.07
Std Dev 2.709
Gaus mean : 29.2274
Gaus Width: 2.8694
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

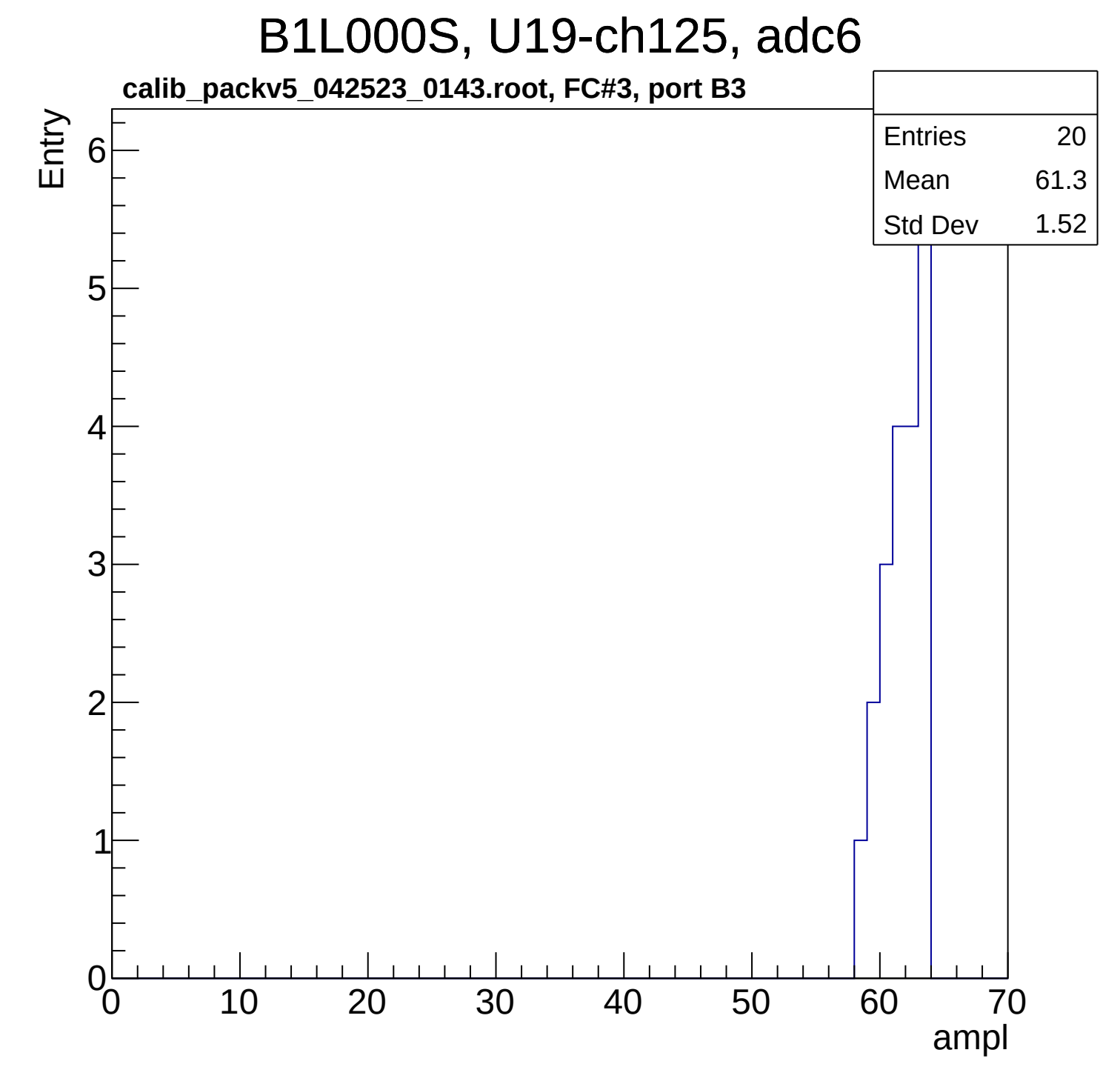

B1L000S, U19-ch125, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 35.65
Std Dev 3.041
Gaus mean : 35.7166
Gaus Width: 2.7441
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

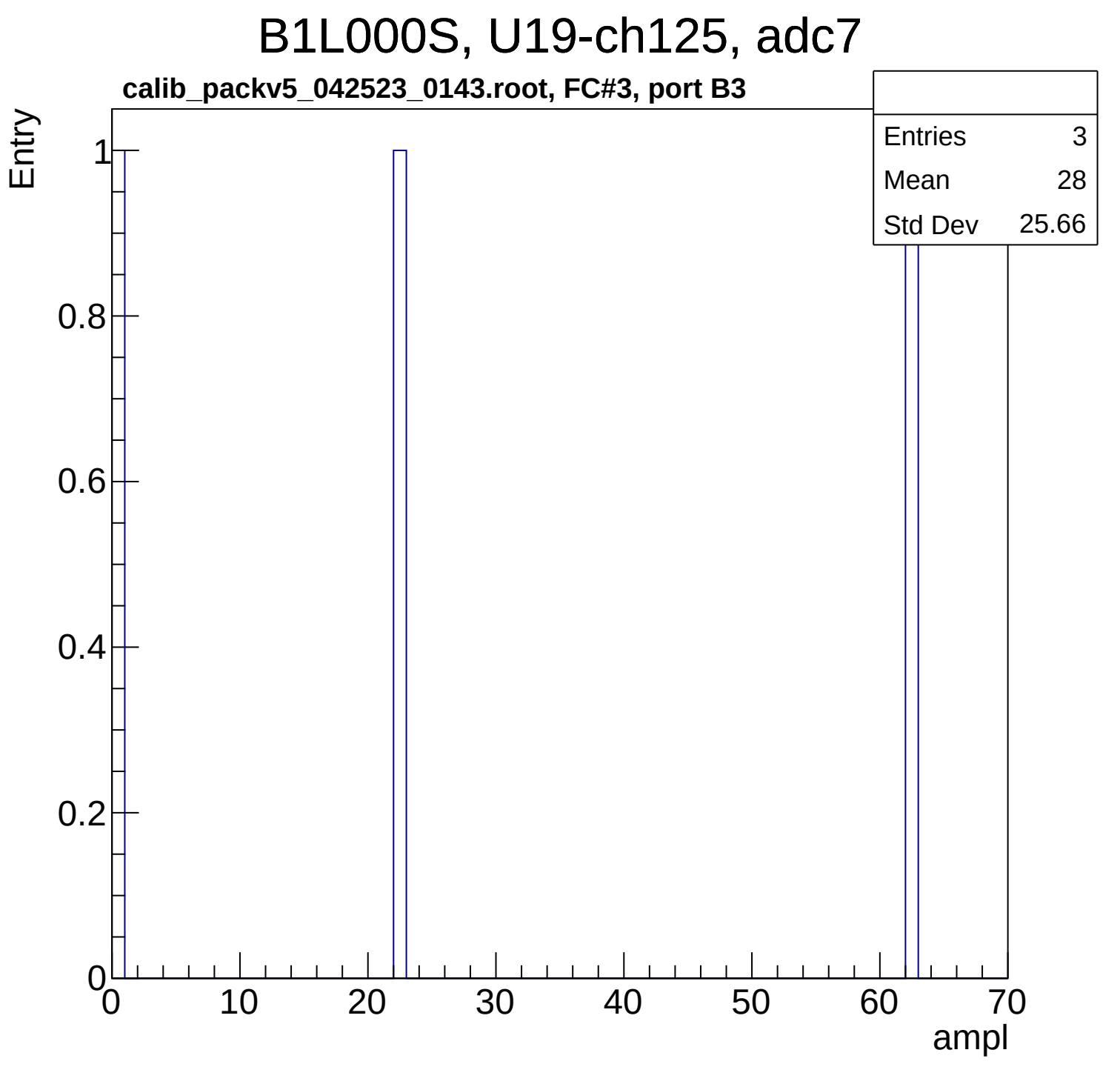

B1L000S, U19-ch125, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 84
Mean 41.99
Std Dev 3.647
Gaus mean : 42.2098
Gaus Width: 3.8772
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

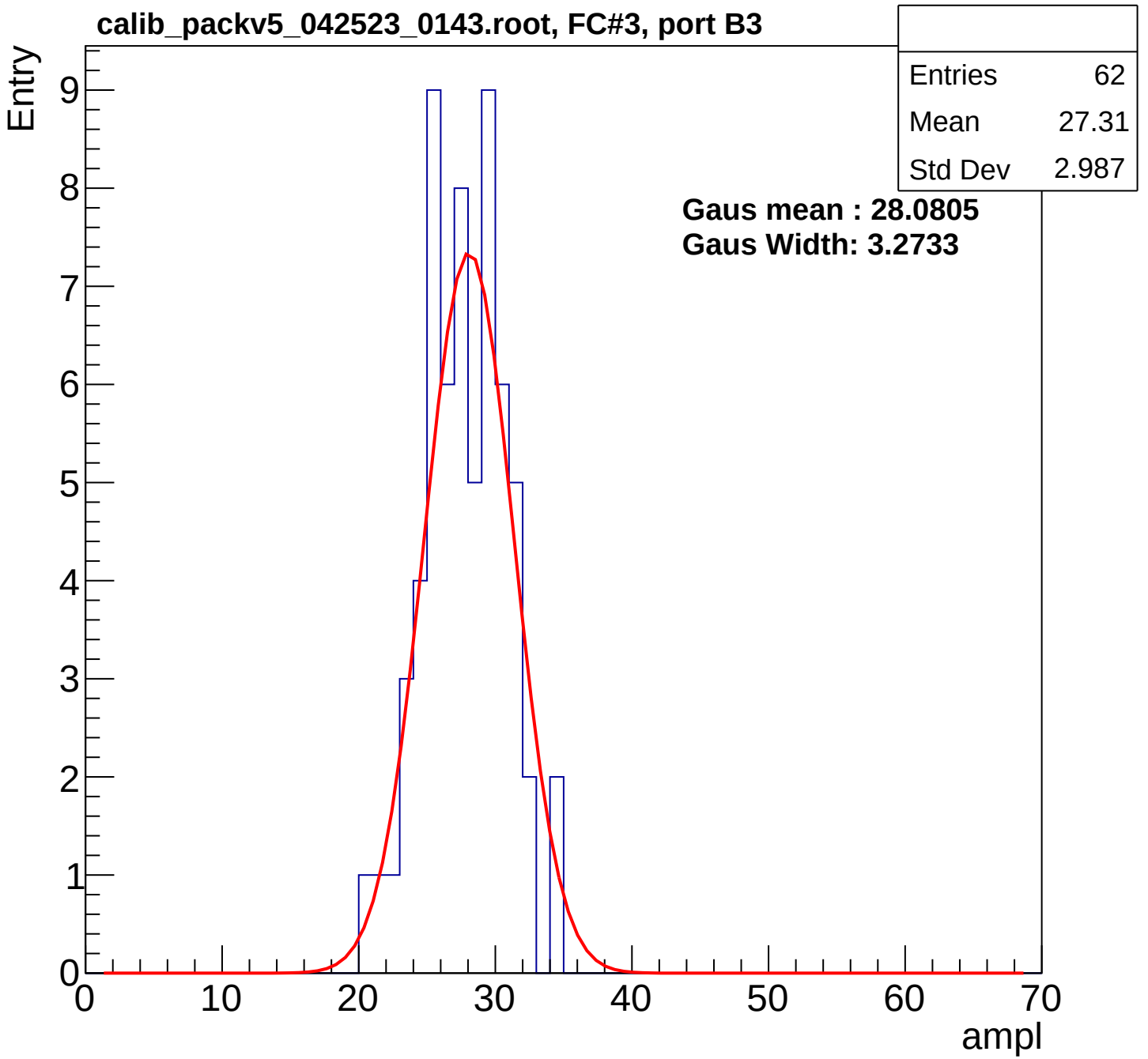

B1L000S, U19-ch125, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 40
Mean 48.12
Std Dev 2.629
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

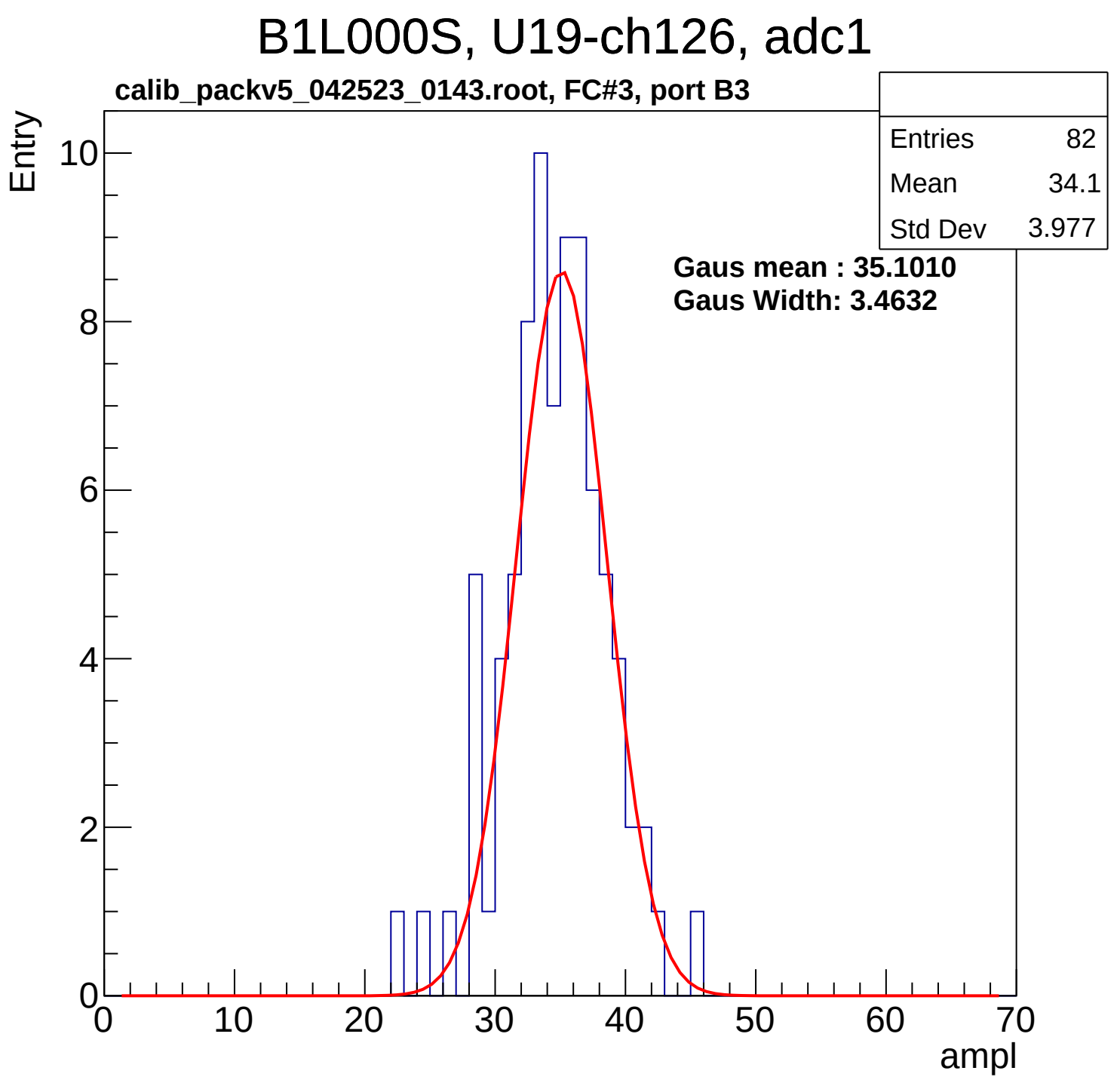

B1L000S, U19-ch125, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 53.93
Std Dev 3.199
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

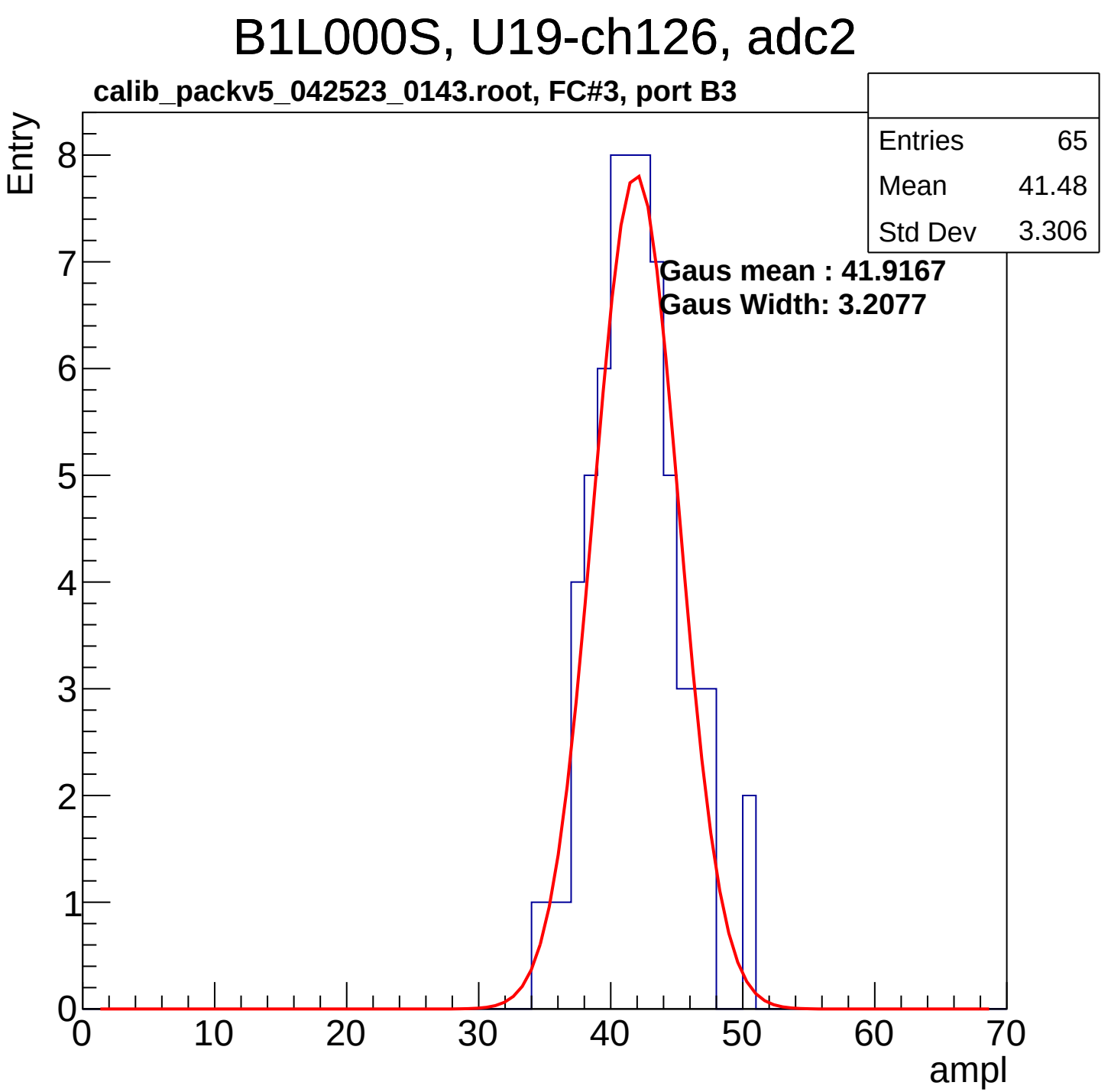

B1L000S, U19-ch125, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 39
Mean 59.23
Std Dev 2.712
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch125, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 20
Mean 61.3
Std Dev 1.52
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch125, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 28
Std Dev 25.66
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L000S, U19-ch126, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 27.31
Std Dev 2.987
Gaus mean : 28.0805
Gaus Width: 3.2733
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U19-ch126, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 82
Mean 34.1
Std Dev 3.977
Gaus mean : 35.1010
Gaus Width: 3.4632
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U19-ch126, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 41.48
Std Dev 3.306
Gaus mean : 41.9167
Gaus Width: 3.2077
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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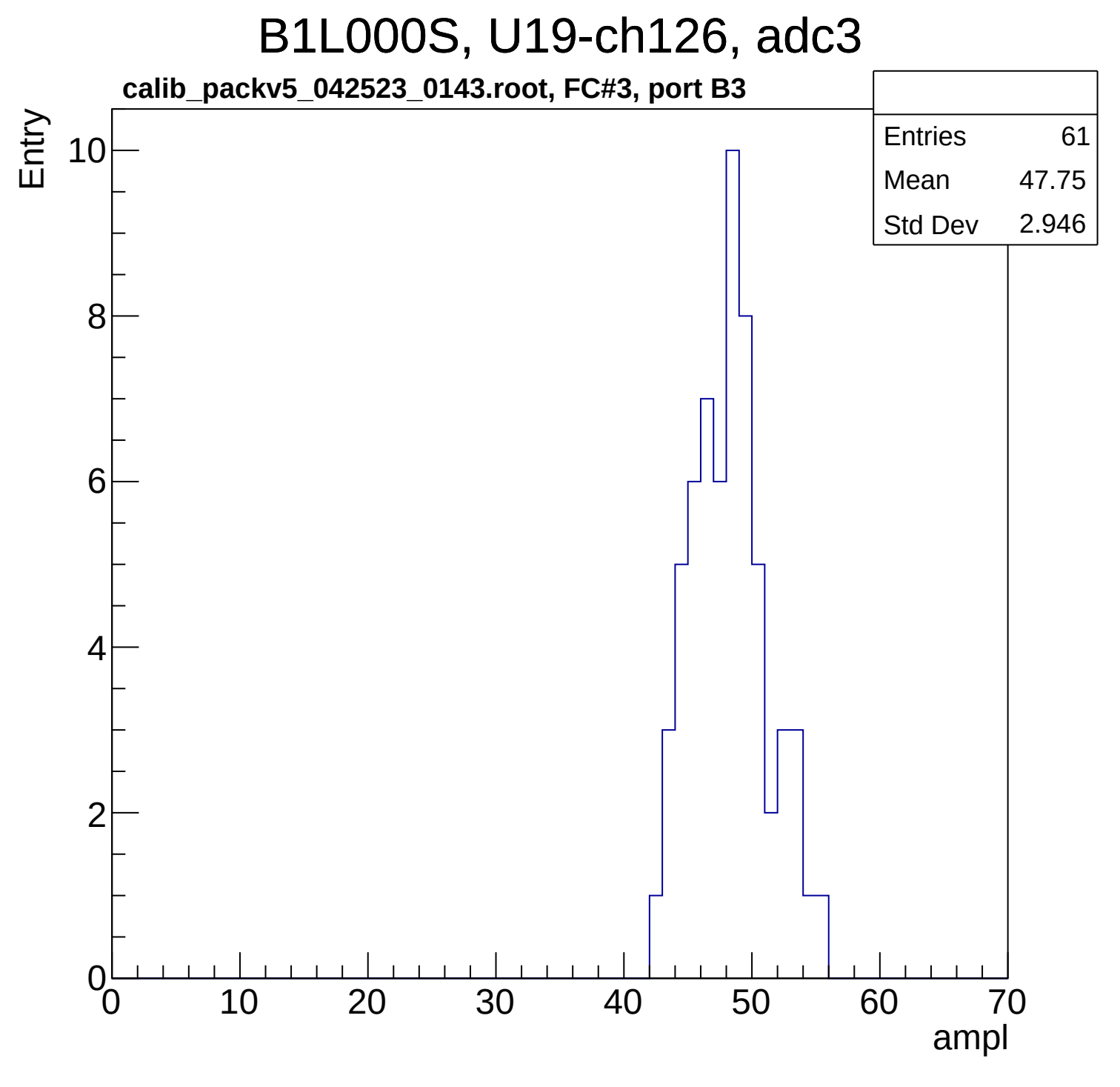
40
50
60
70


B1L000S, U19-ch126, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 47.75
Std Dev 2.946
Entry
ampl
0
2
4
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0
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40
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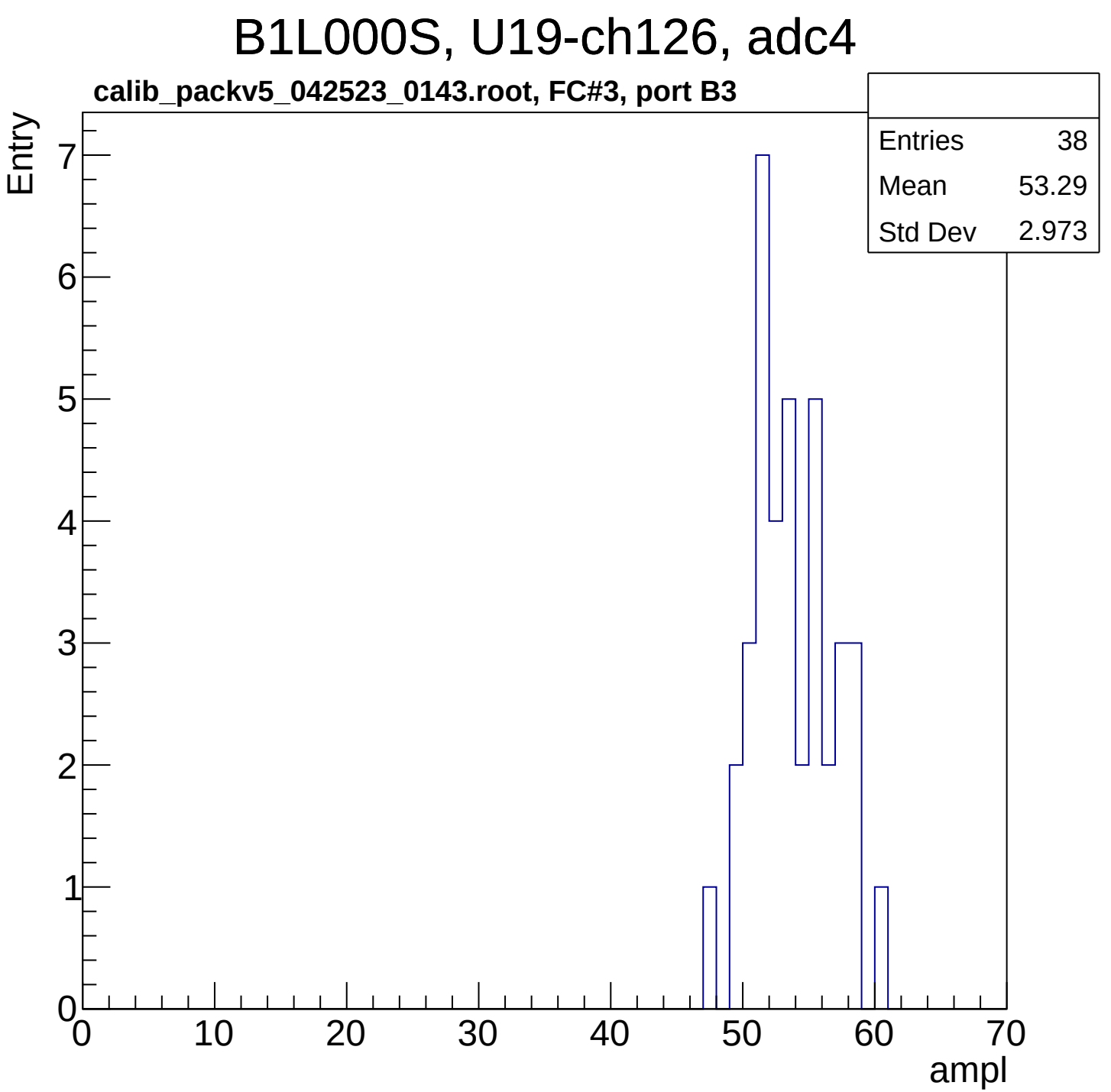
60
70


B1L000S, U19-ch126, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 38
Mean 53.29
Std Dev 2.973
Entry
ampl
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1
2
3
4
5
6
7
0
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20
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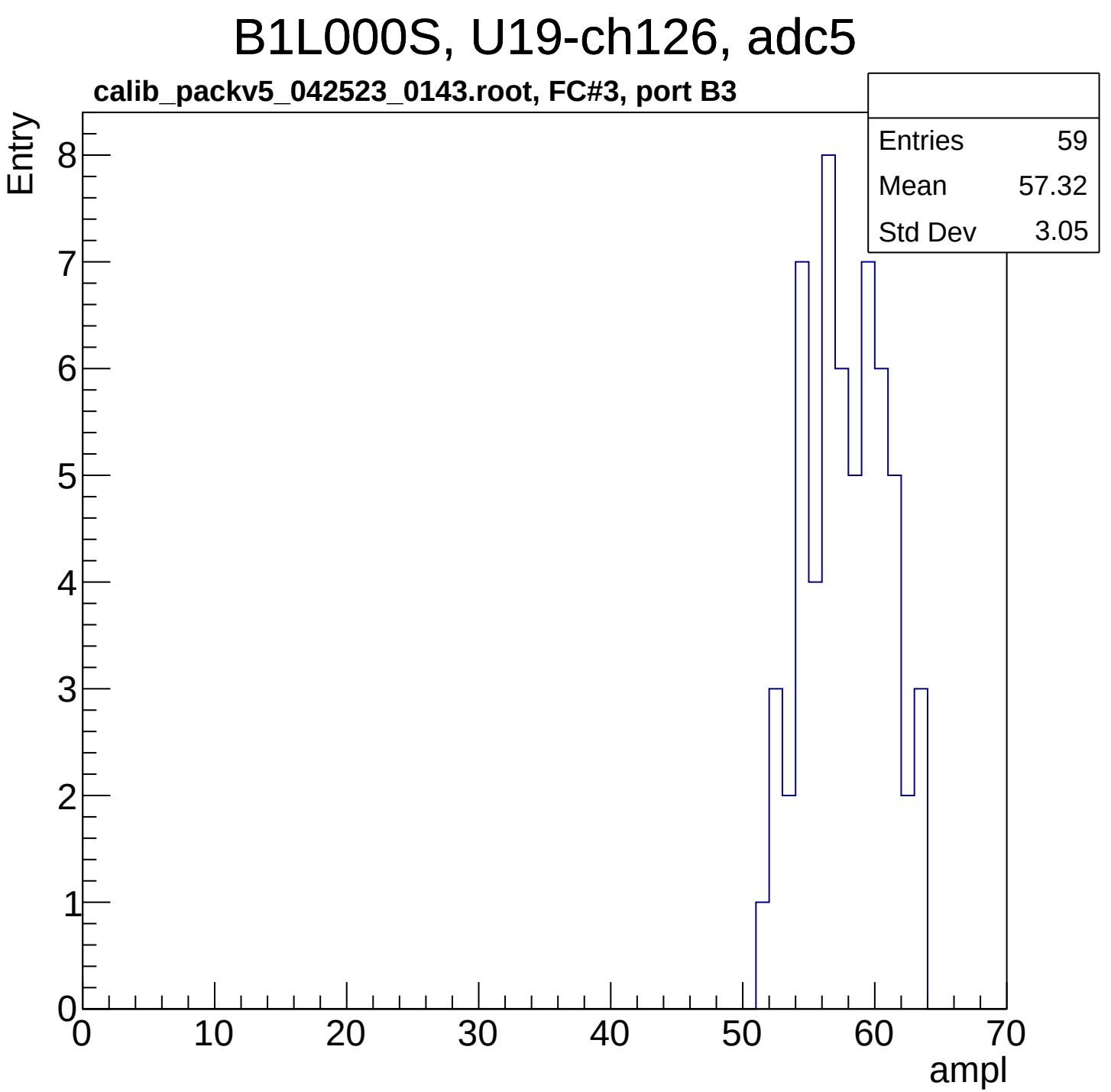
40
50
60
70


B1L000S, U19-ch126, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 57.32
Std Dev 3.05
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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60
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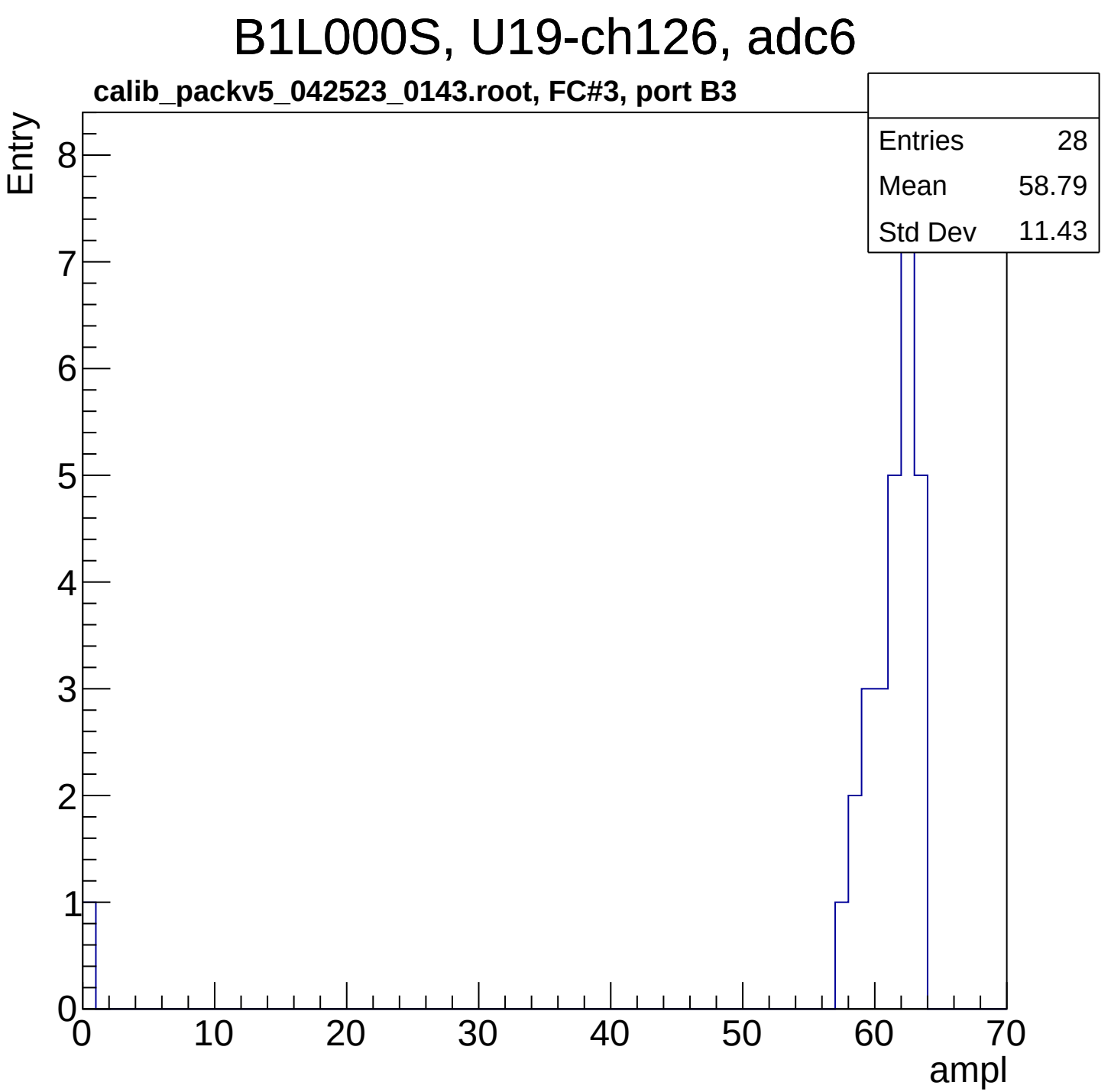
B1L000S, U19-ch126, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 28
Mean 58.79
Std Dev 11.43
Entry
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6
7
8
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10
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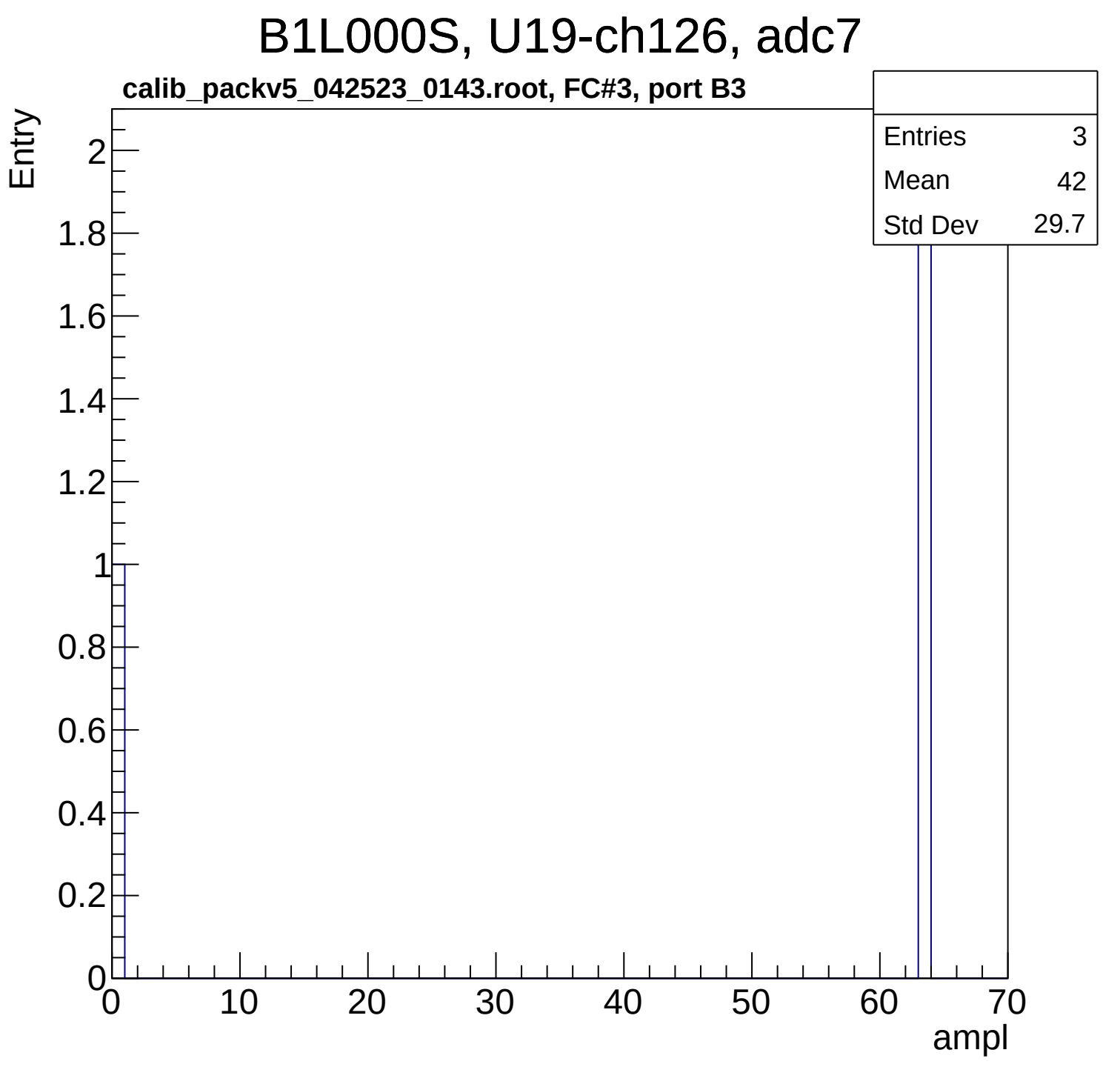
30
40
50
60
70
ampl


B1L000S, U19-ch126, 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
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20
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40
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60
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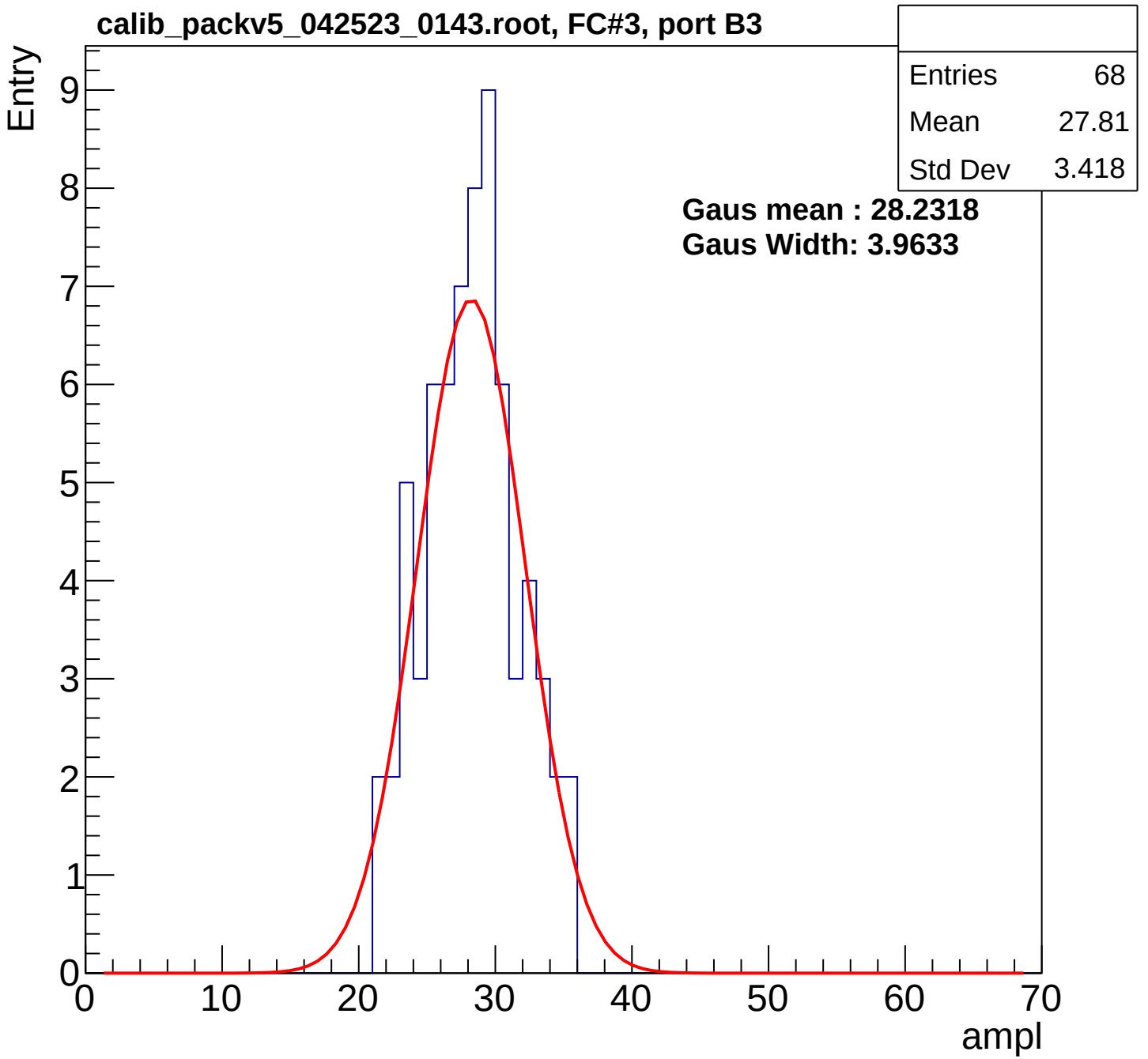
B1L000S, U19-ch127, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 27.81
Std Dev 3.418
Gaus mean : 28.2318
Gaus Width: 3.9633
Entry
ampl
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10
20
30
40
50
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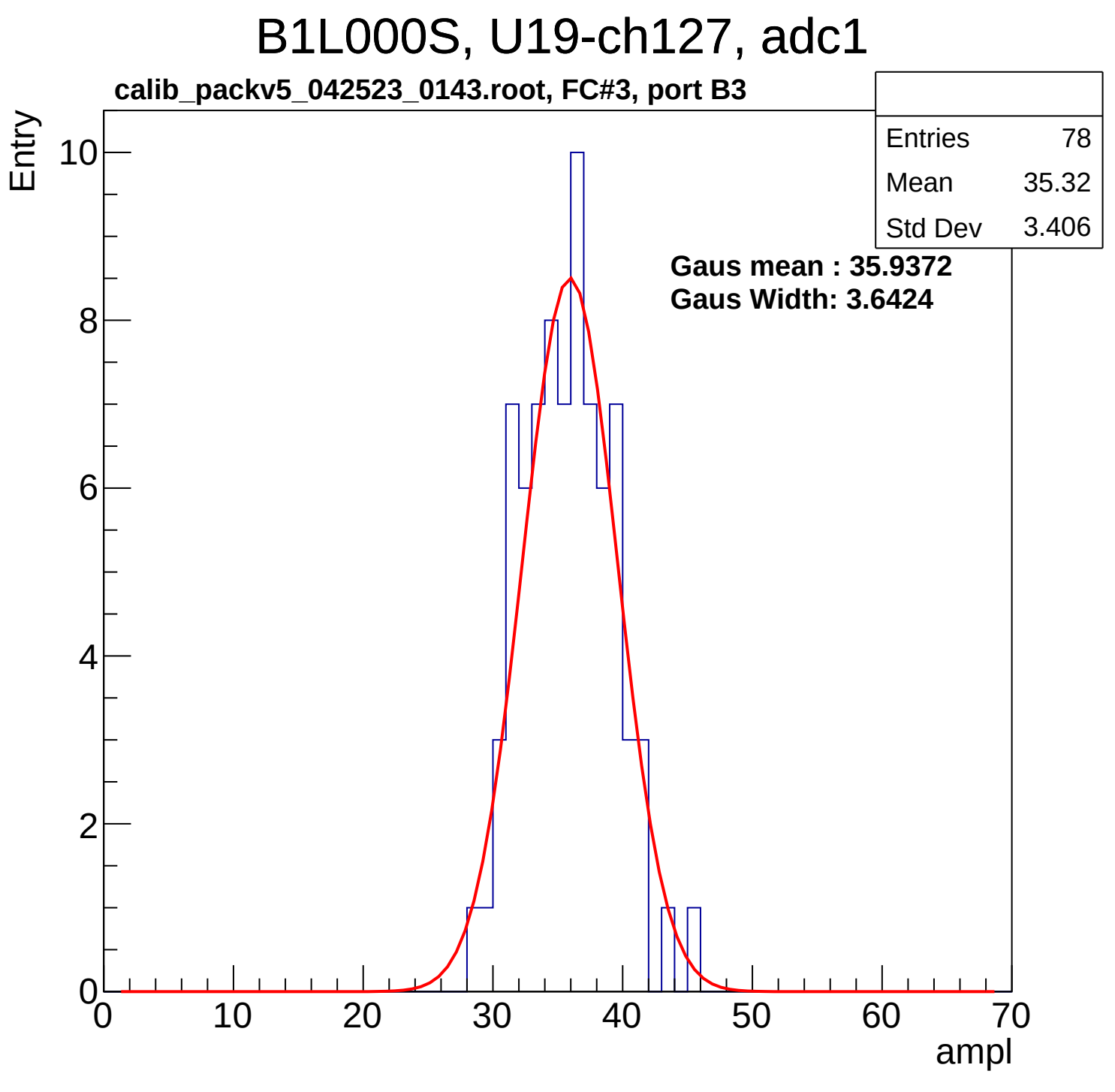
2
3
4
5
6
7
8
9


B1L000S, U19-ch127, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 35.32
Std Dev 3.406
Gaus mean : 35.9372
Gaus Width: 3.6424
Entry
ampl
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4
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10
0
10
20
30
40
50
60
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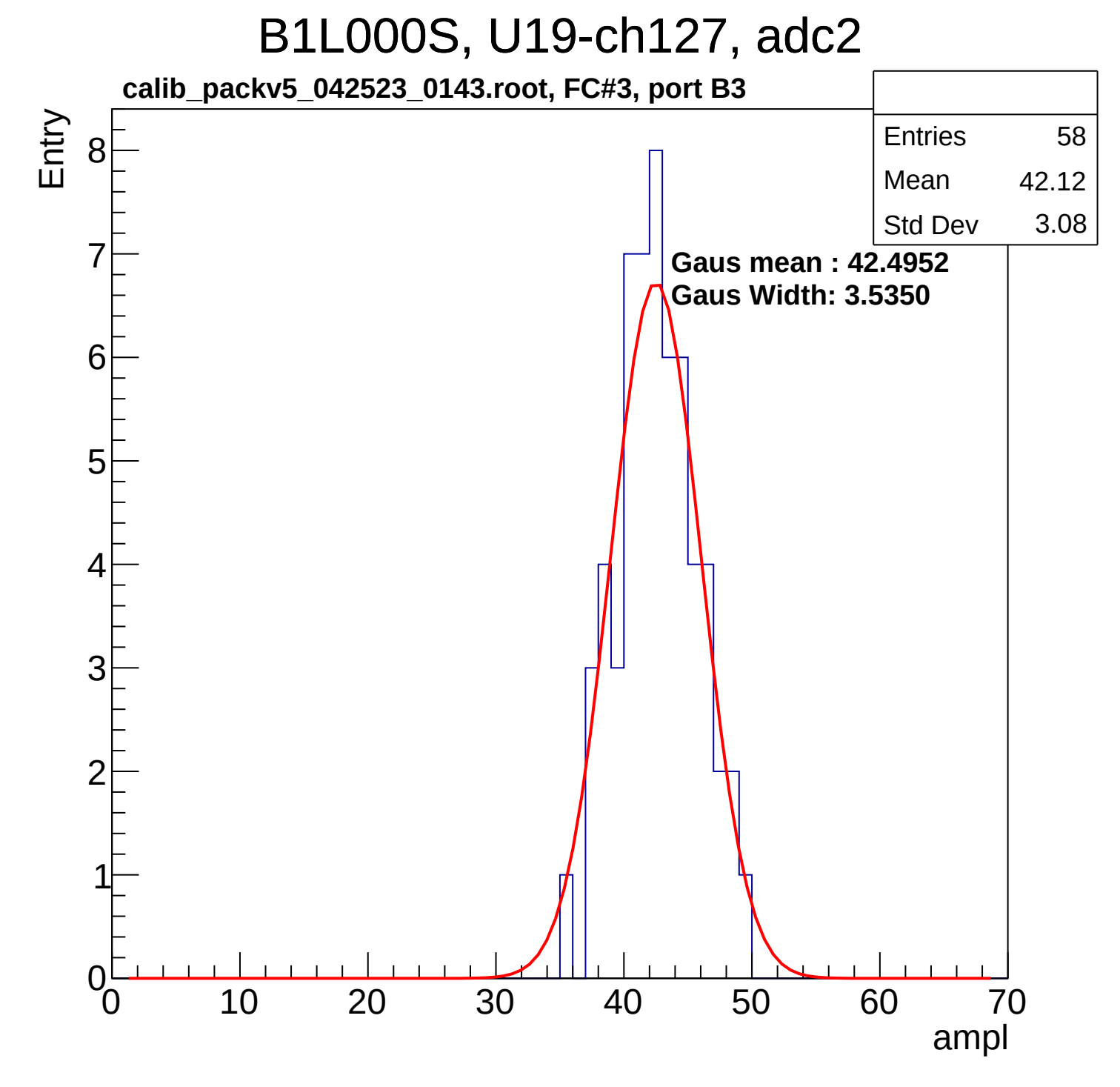
B1L000S, U19-ch127, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 42.12
Std Dev 3.08
Gaus mean : 42.4952
Gaus Width: 3.5350
Entry
ampl
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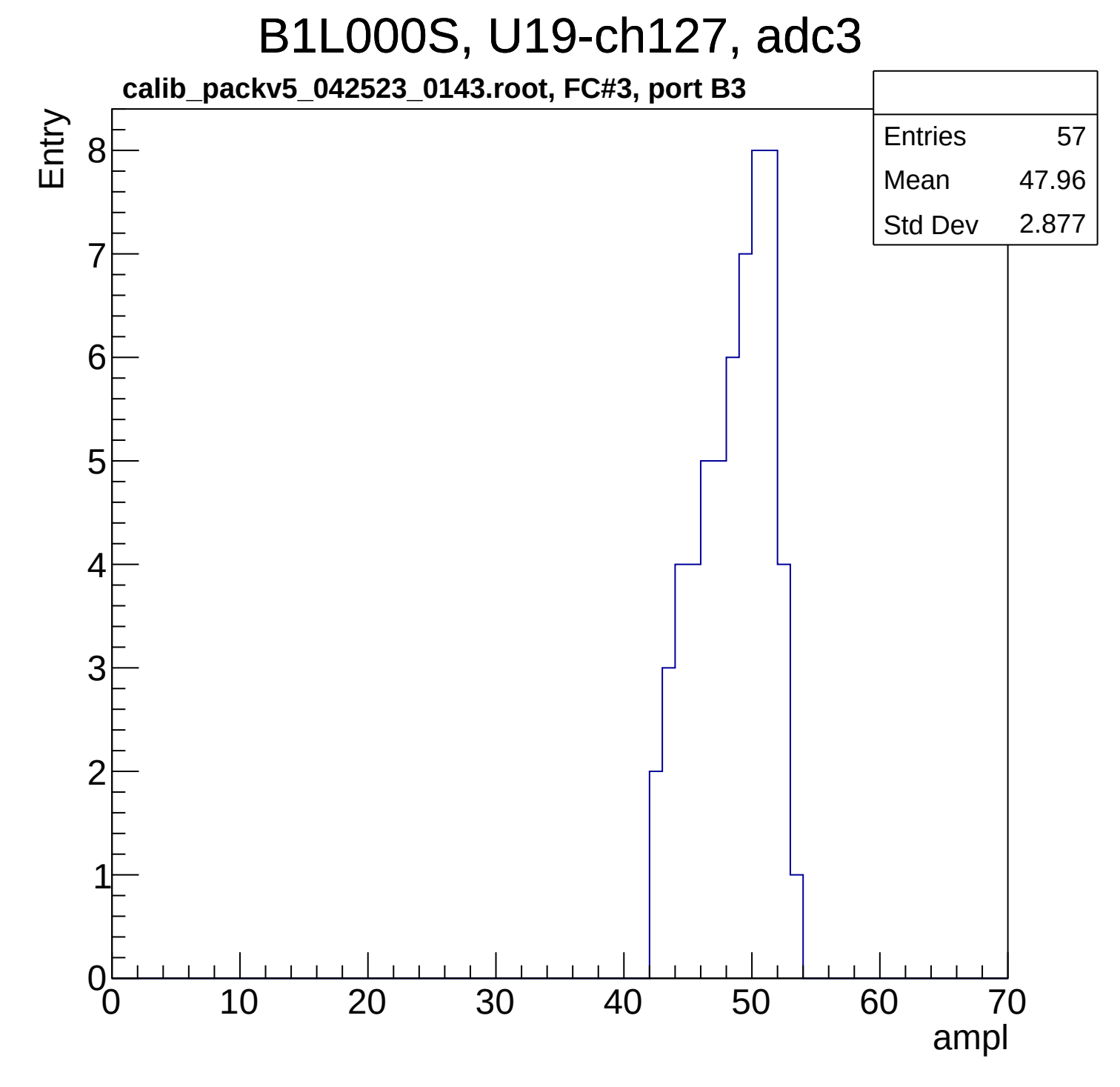
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch127, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 47.96
Std Dev 2.877
Entry
ampl
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1
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3
4
5
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8
0
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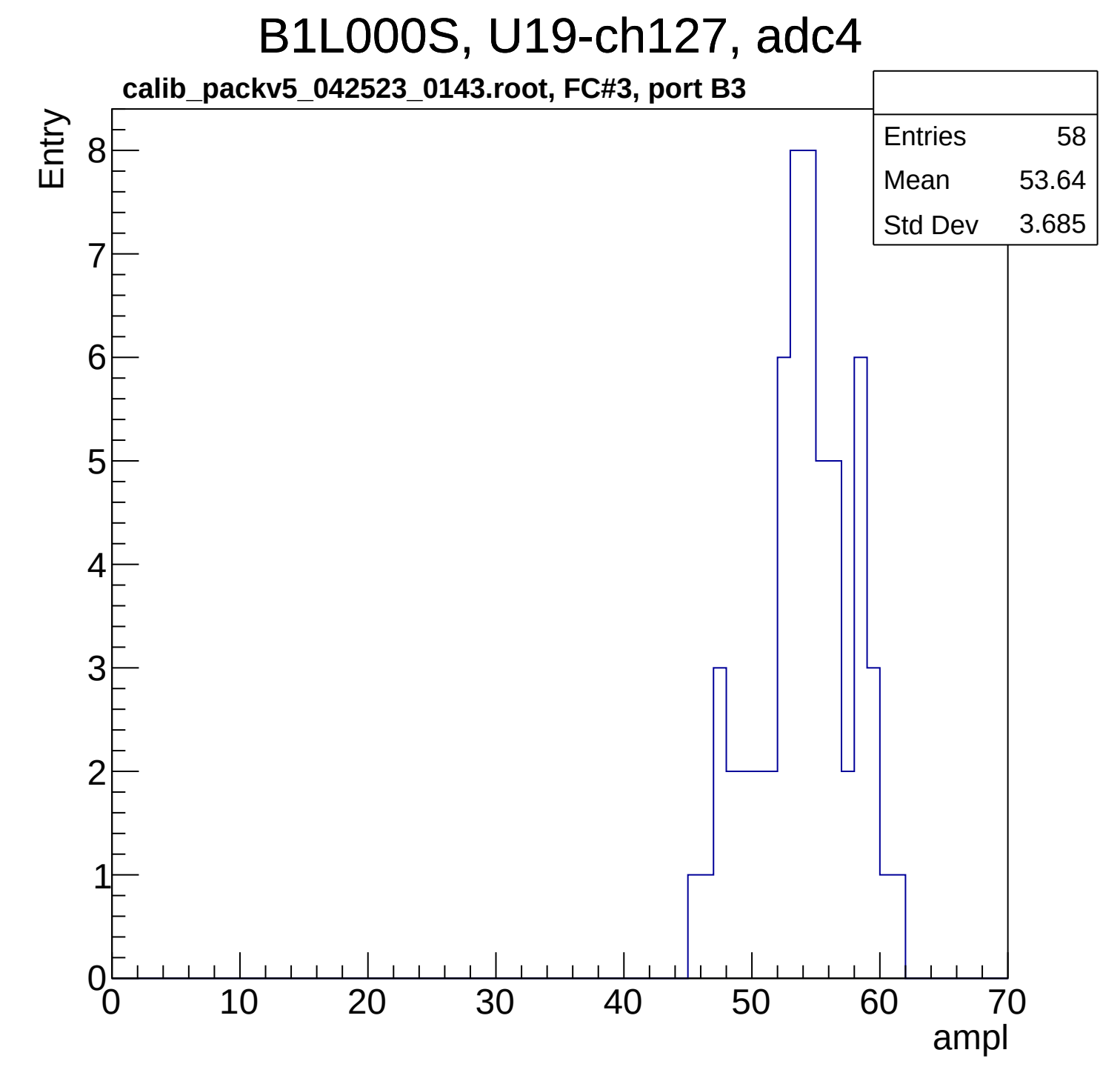
B1L000S, U19-ch127, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 53.64
Std Dev 3.685
Entry
ampl
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3
4
5
6
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8
0
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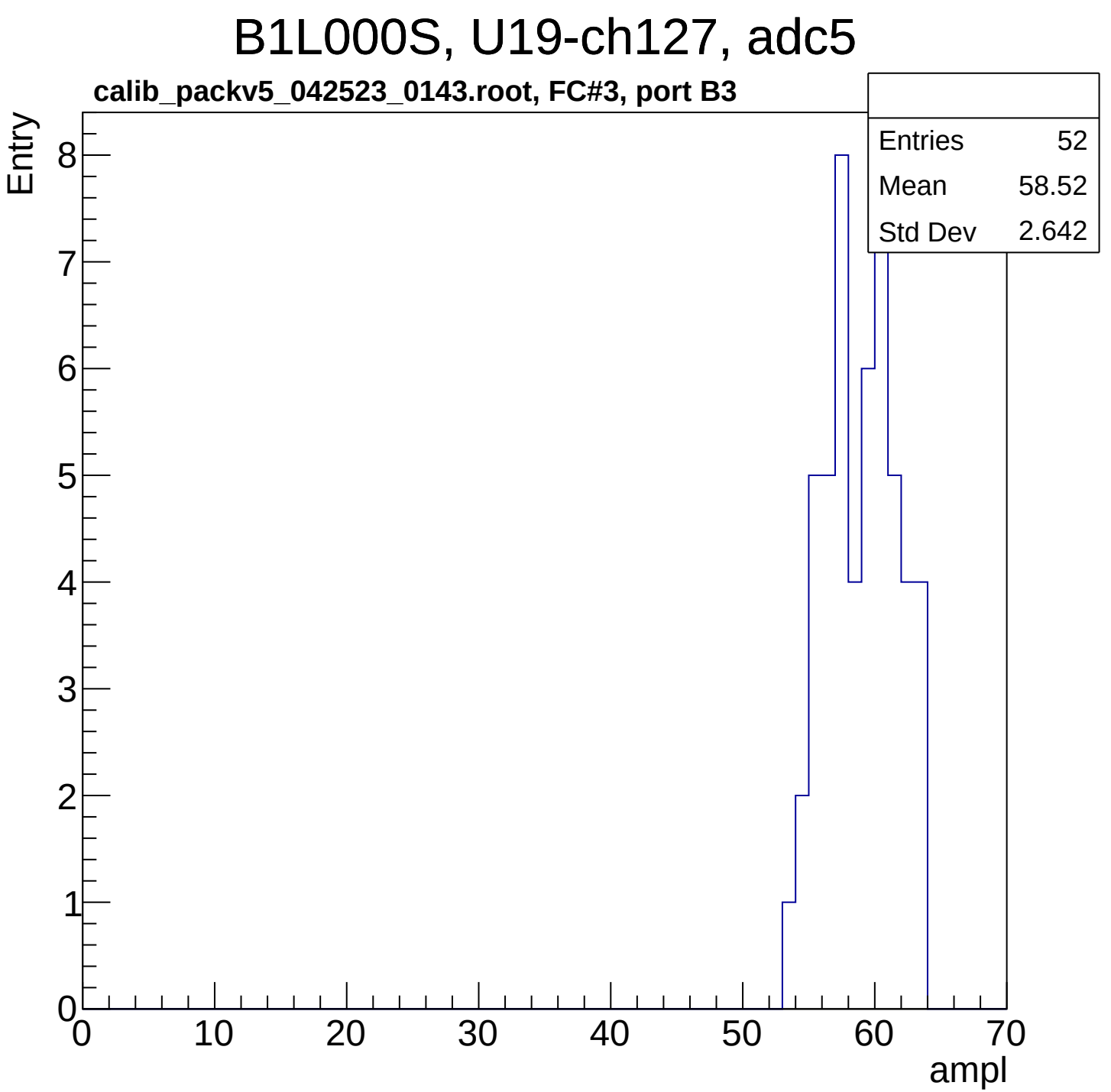
20
30
40
50
60
70


B1L000S, U19-ch127, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 58.52
Std Dev 2.642
Entry
ampl
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2
3
4
5
6
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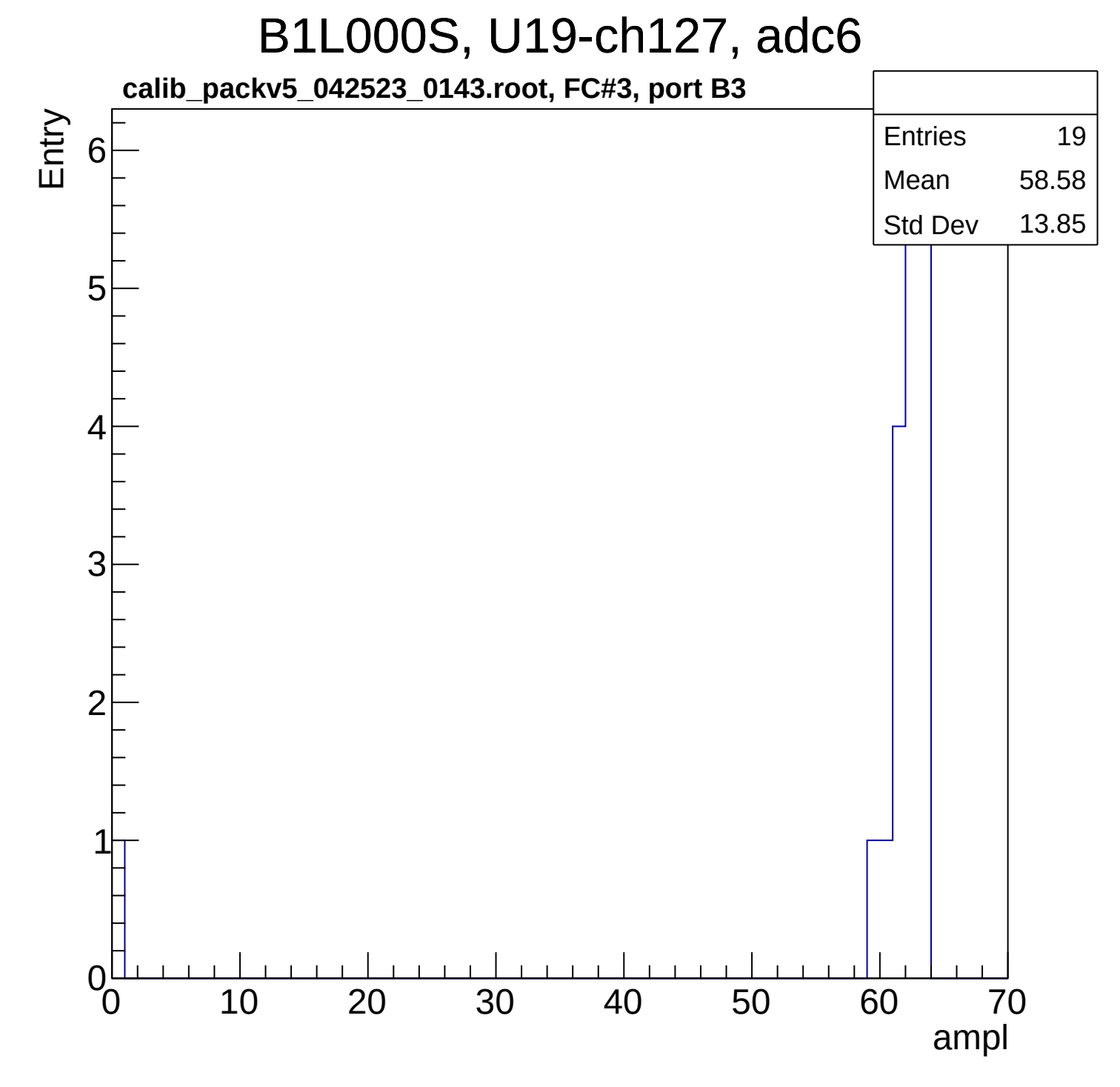
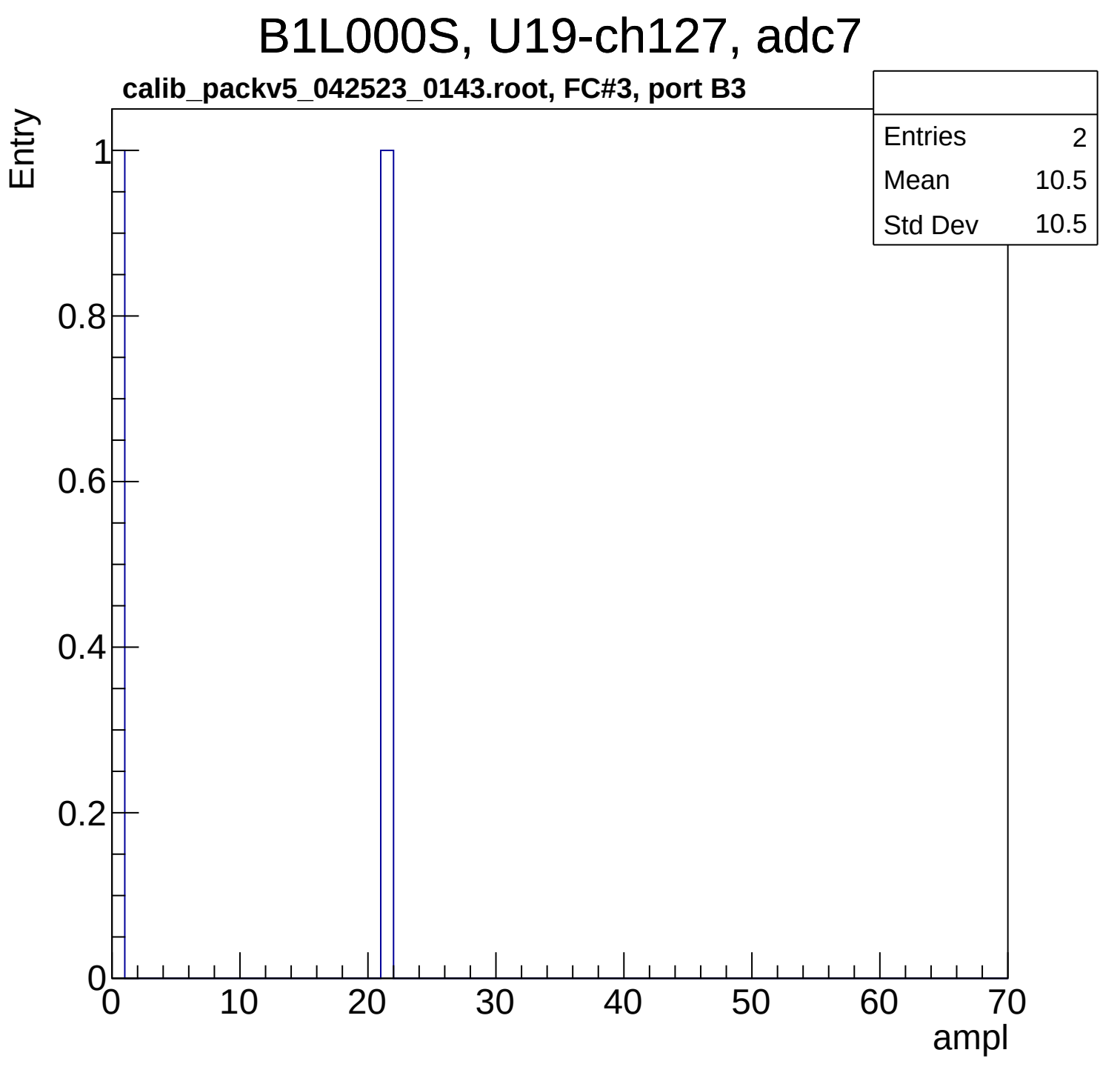
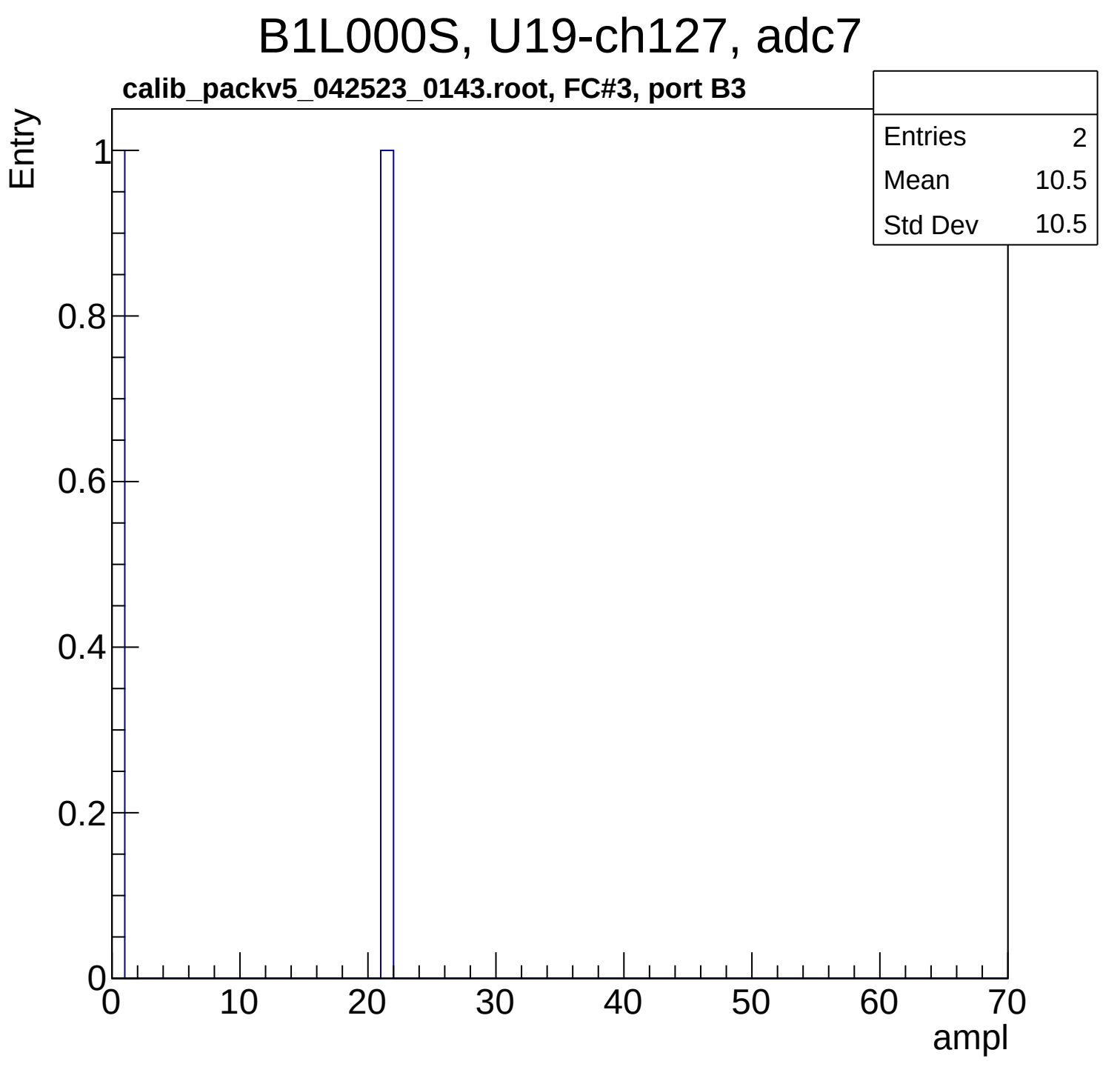
8
0
10
20
30
40
50
60
70


B1L000S, U19-ch127, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 19
Mean 58.58
Std Dev 13.85
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U19-ch127, 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, U19-ch127, 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