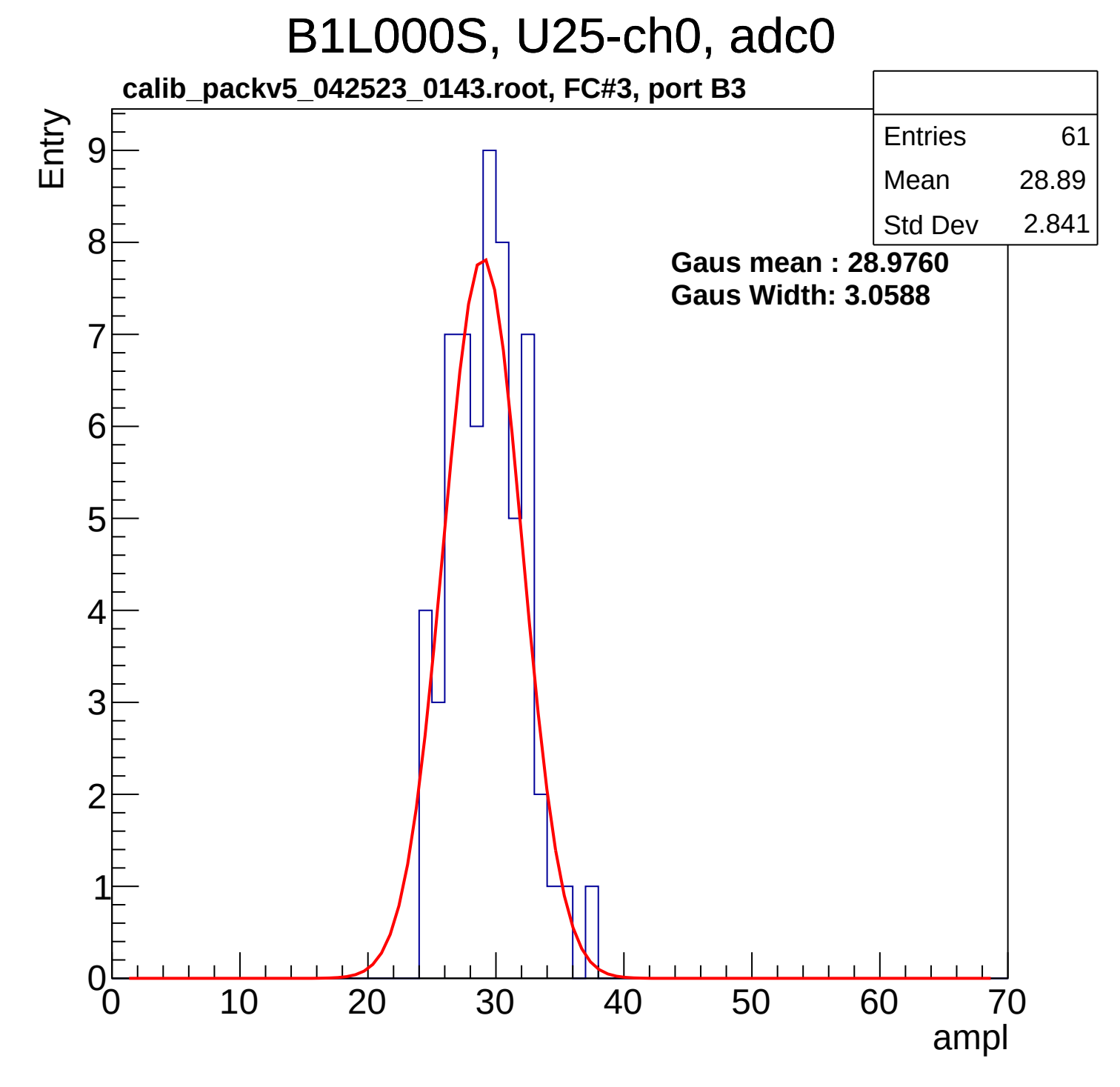
B1L000S, U25-ch0, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 28.89
Std Dev 2.841
Gaus mean : 28.9760
Gaus Width: 3.0588
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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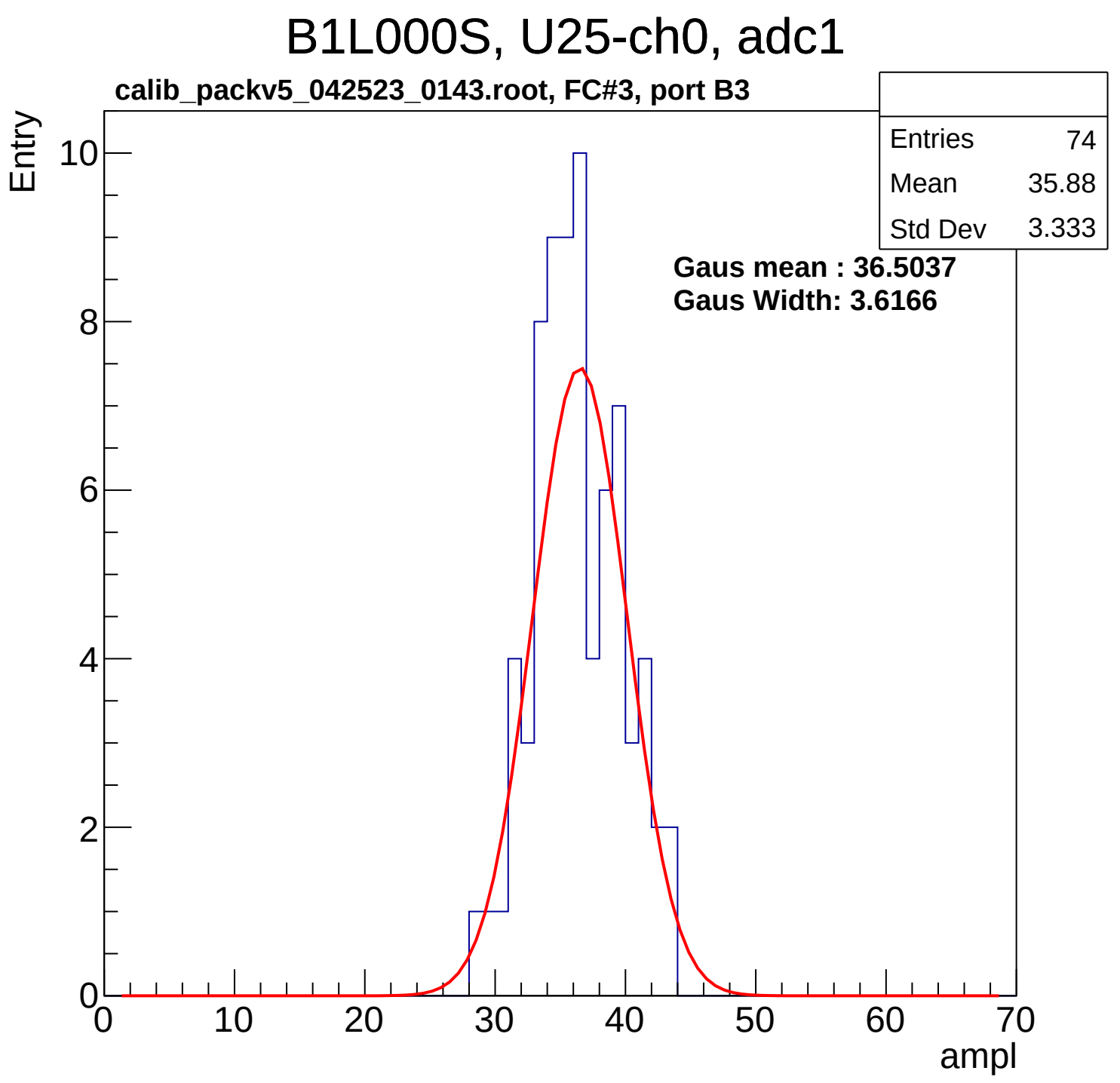
B1L000S, U25-ch0, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 35.88
Std Dev 3.333
Gaus mean : 36.5037
Gaus Width: 3.6166
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
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60
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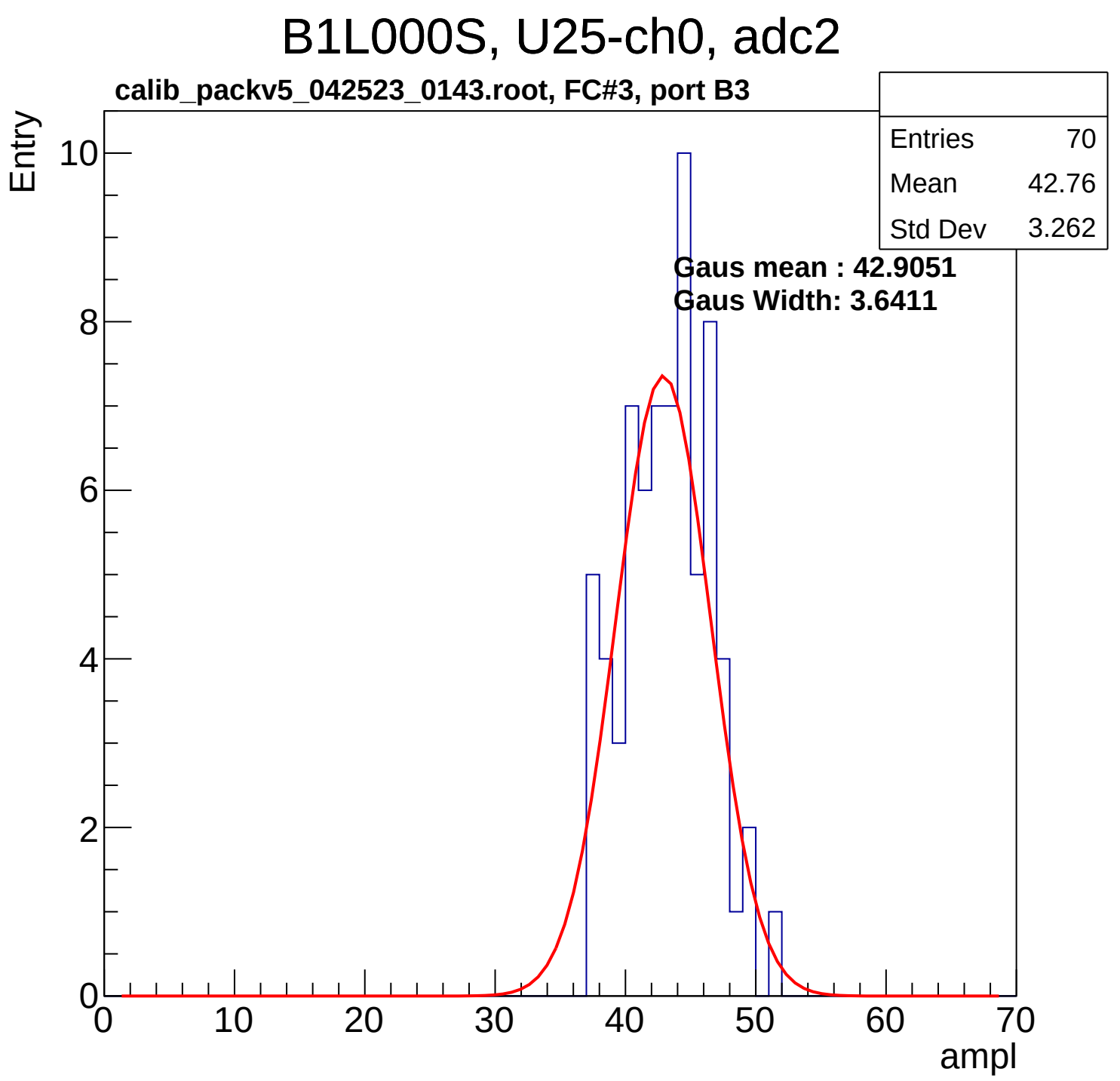
B1L000S, U25-ch0, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 42.76
Std Dev 3.262
Gaus mean : 42.9051
Gaus Width: 3.6411
Entry
ampl
0
2
4
6
8
10
0
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20
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40
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60
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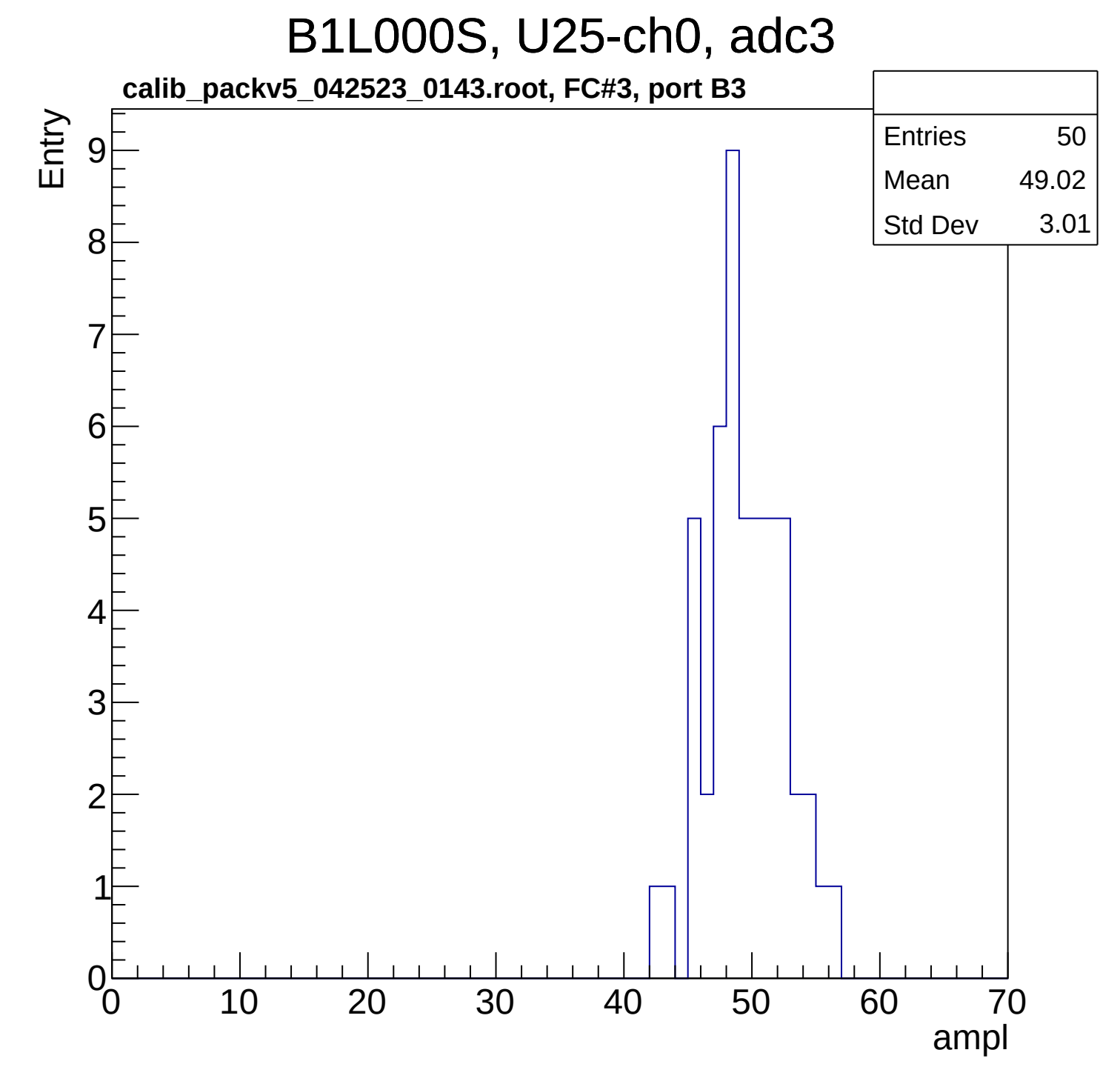
B1L000S, U25-ch0, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 49.02
Std Dev 3.01
Entry
ampl
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2
3
4
5
6
7
8
9
0
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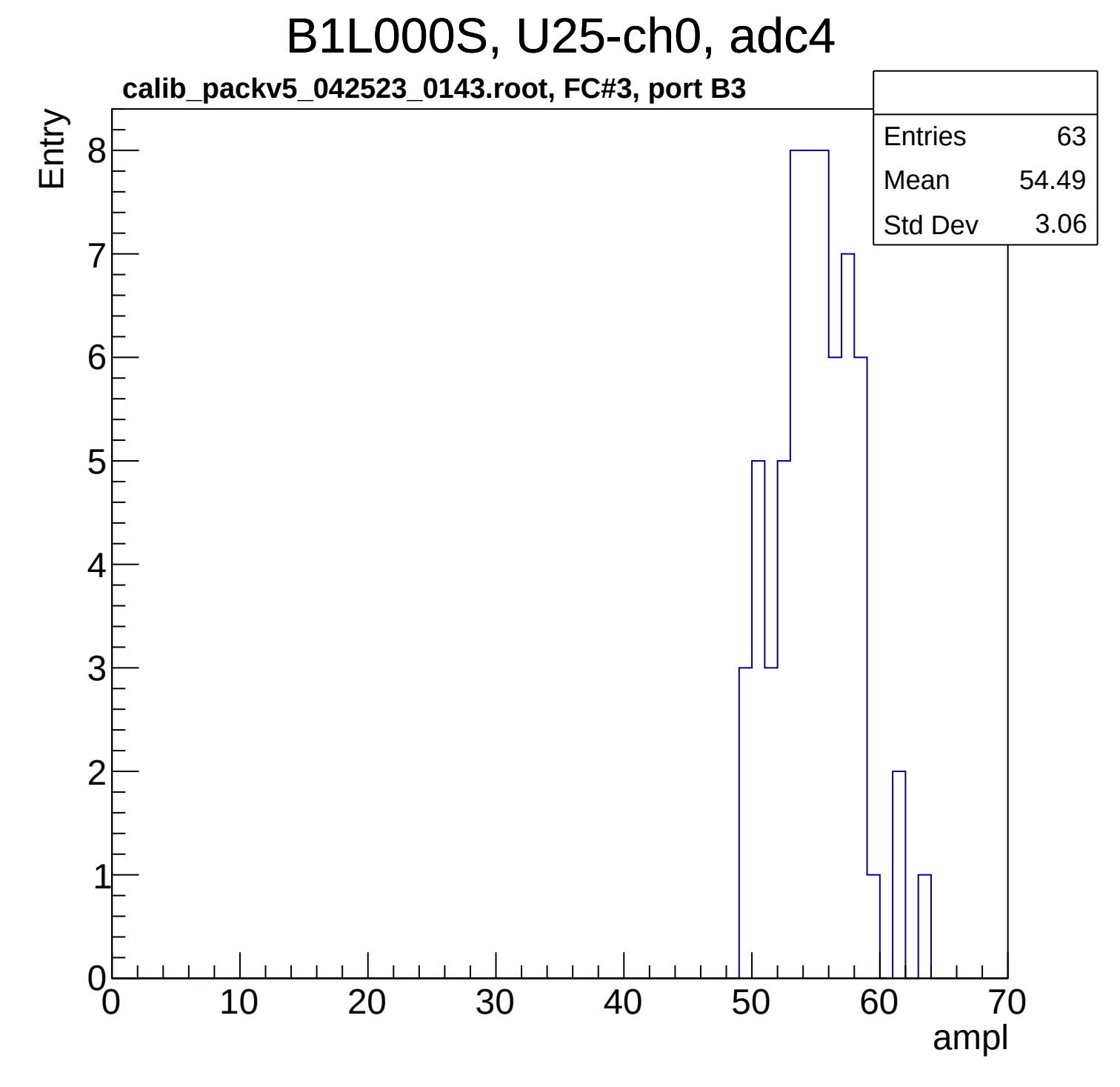
B1L000S, U25-ch0, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 54.49
Std Dev 3.06
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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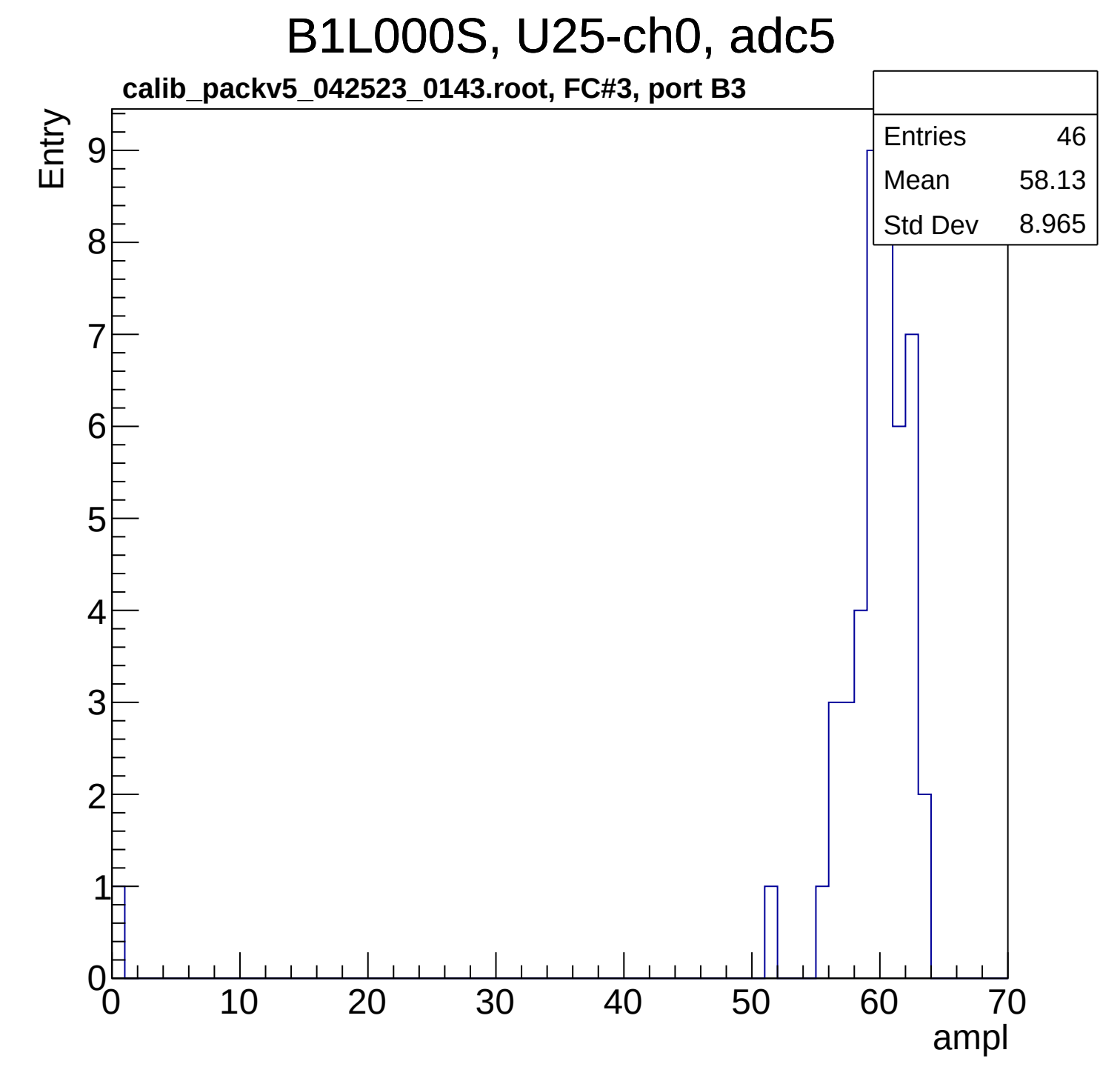
B1L000S, U25-ch0, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 58.13
Std Dev 8.965
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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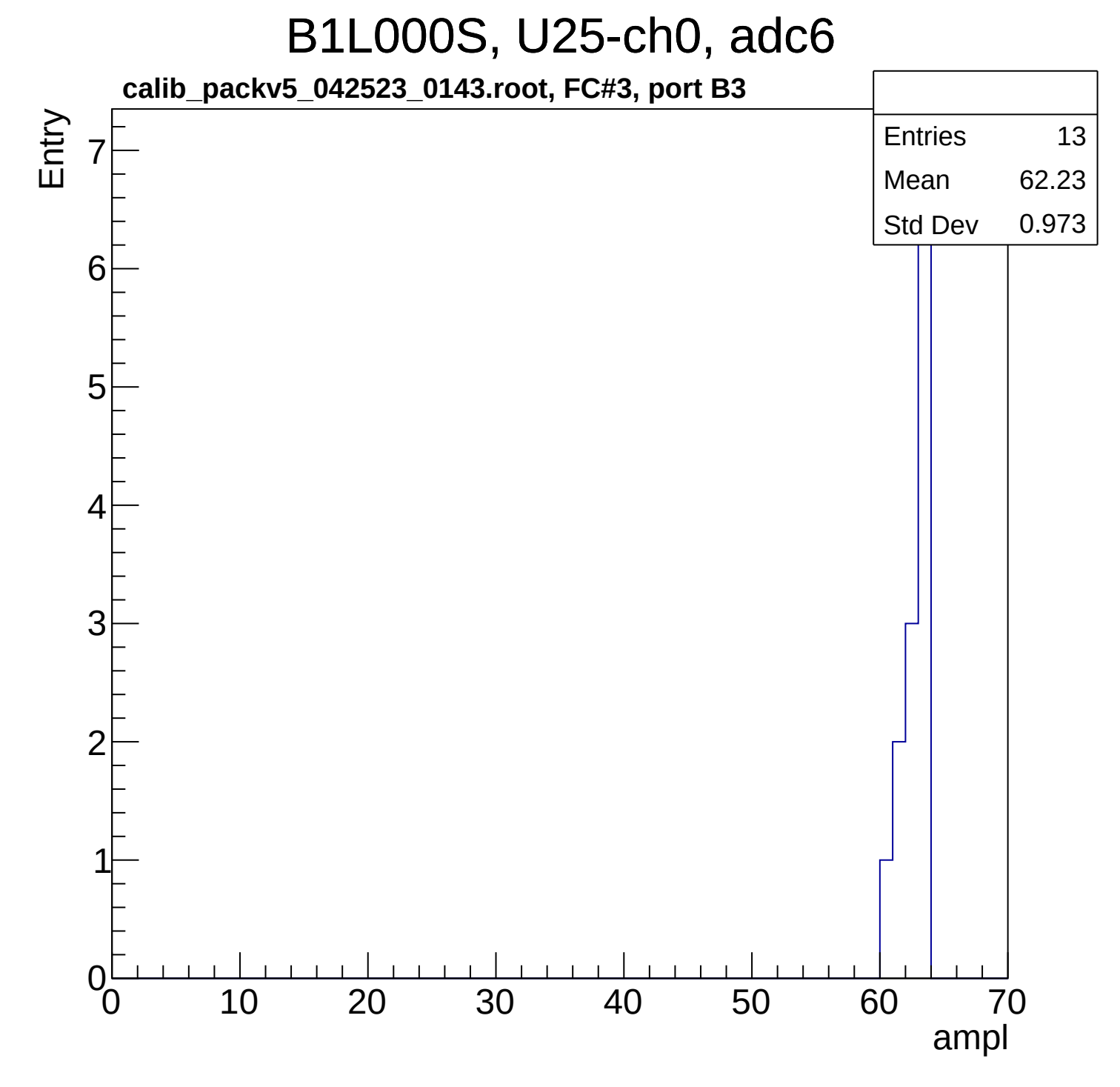
B1L000S, U25-ch0, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 62.23
Std Dev 0.973
Entry
ampl
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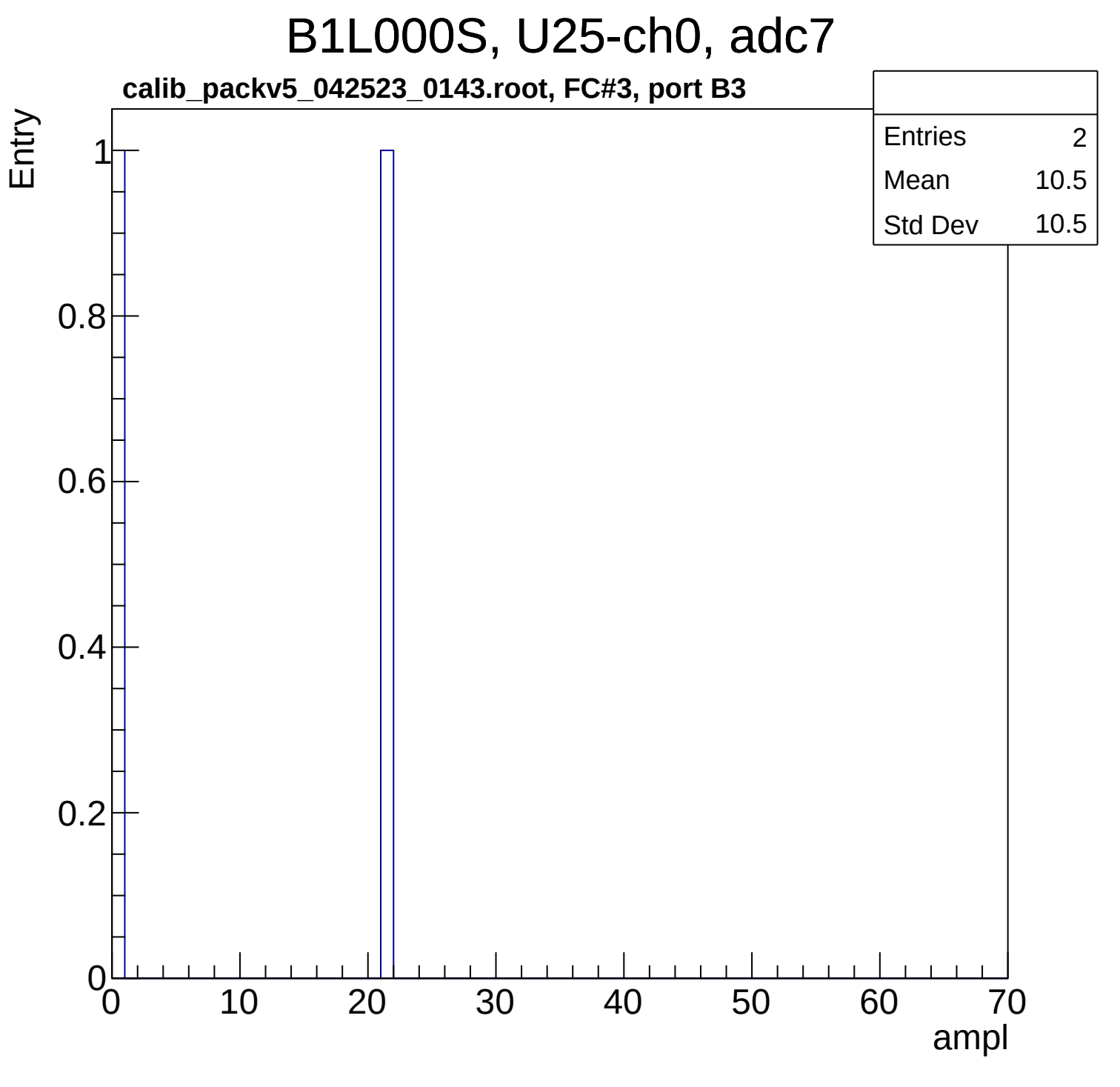
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U25-ch0, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 10.5
Std Dev 10.5
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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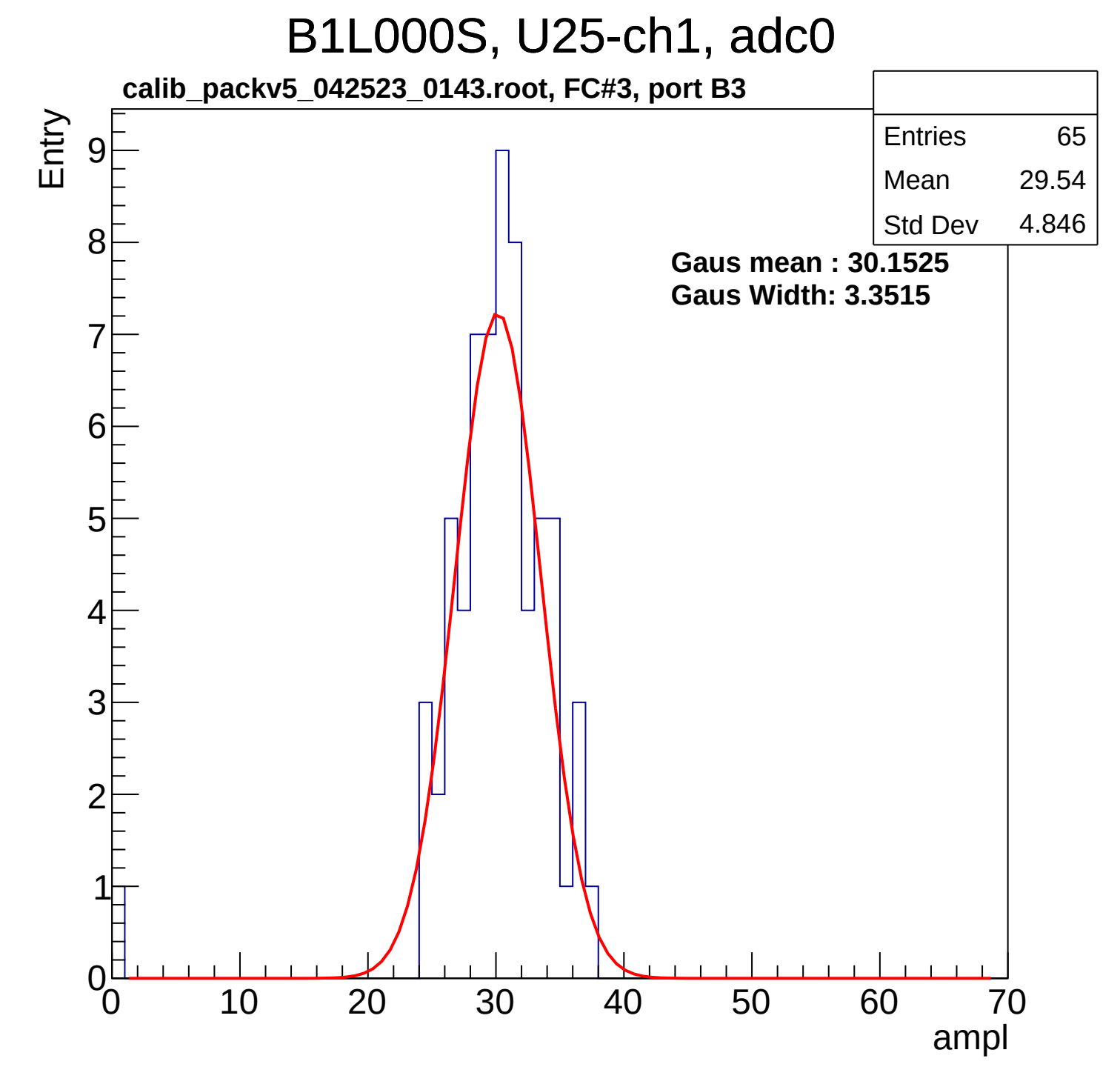
B1L000S, U25-ch1, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 29.54
Std Dev 4.846
Gaus mean : 30.1525
Gaus Width: 3.3515
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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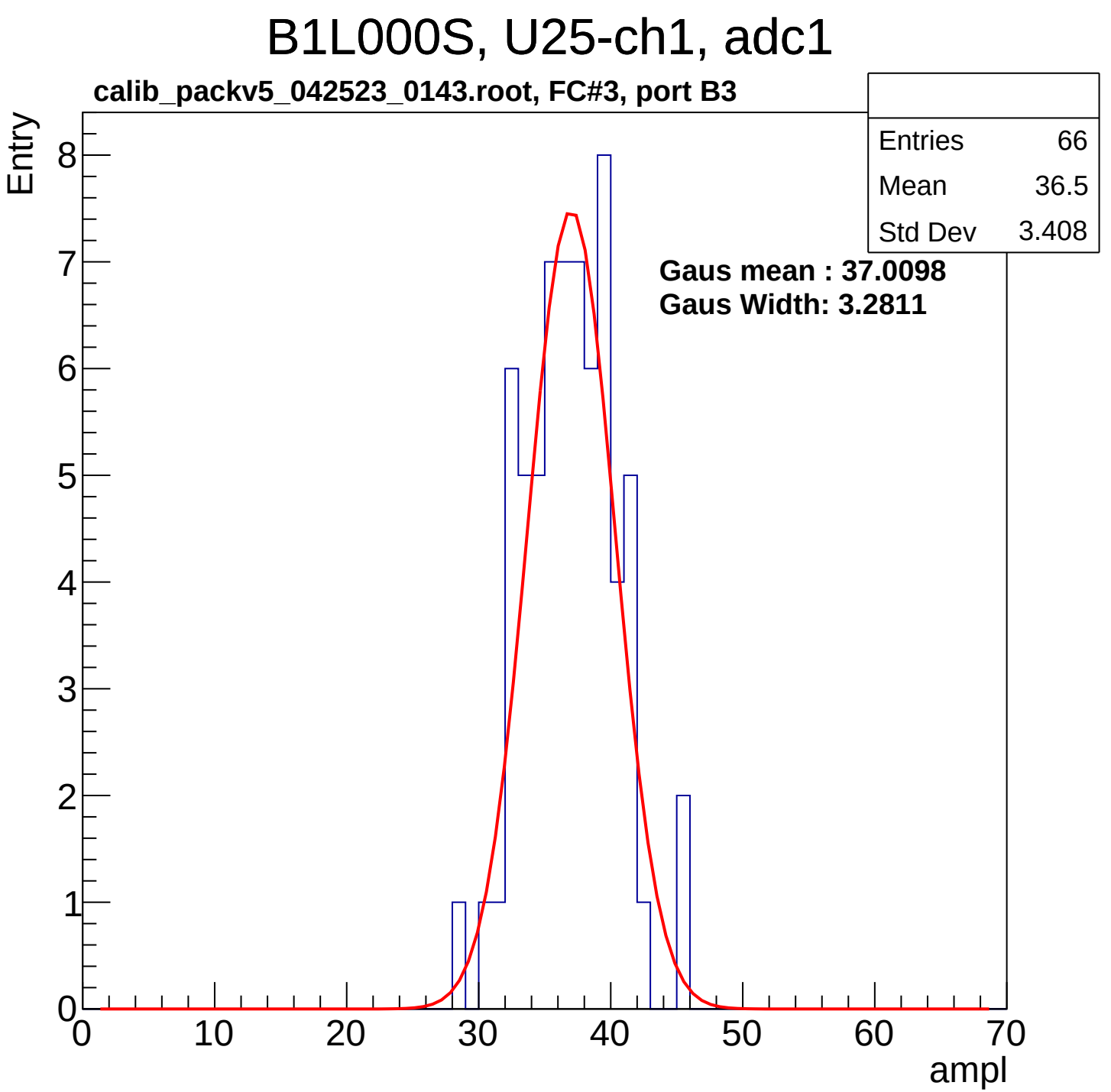
B1L000S, U25-ch1, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 36.5
Std Dev 3.408
Gaus mean : 37.0098
Gaus Width: 3.2811
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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20
30
40
50
60
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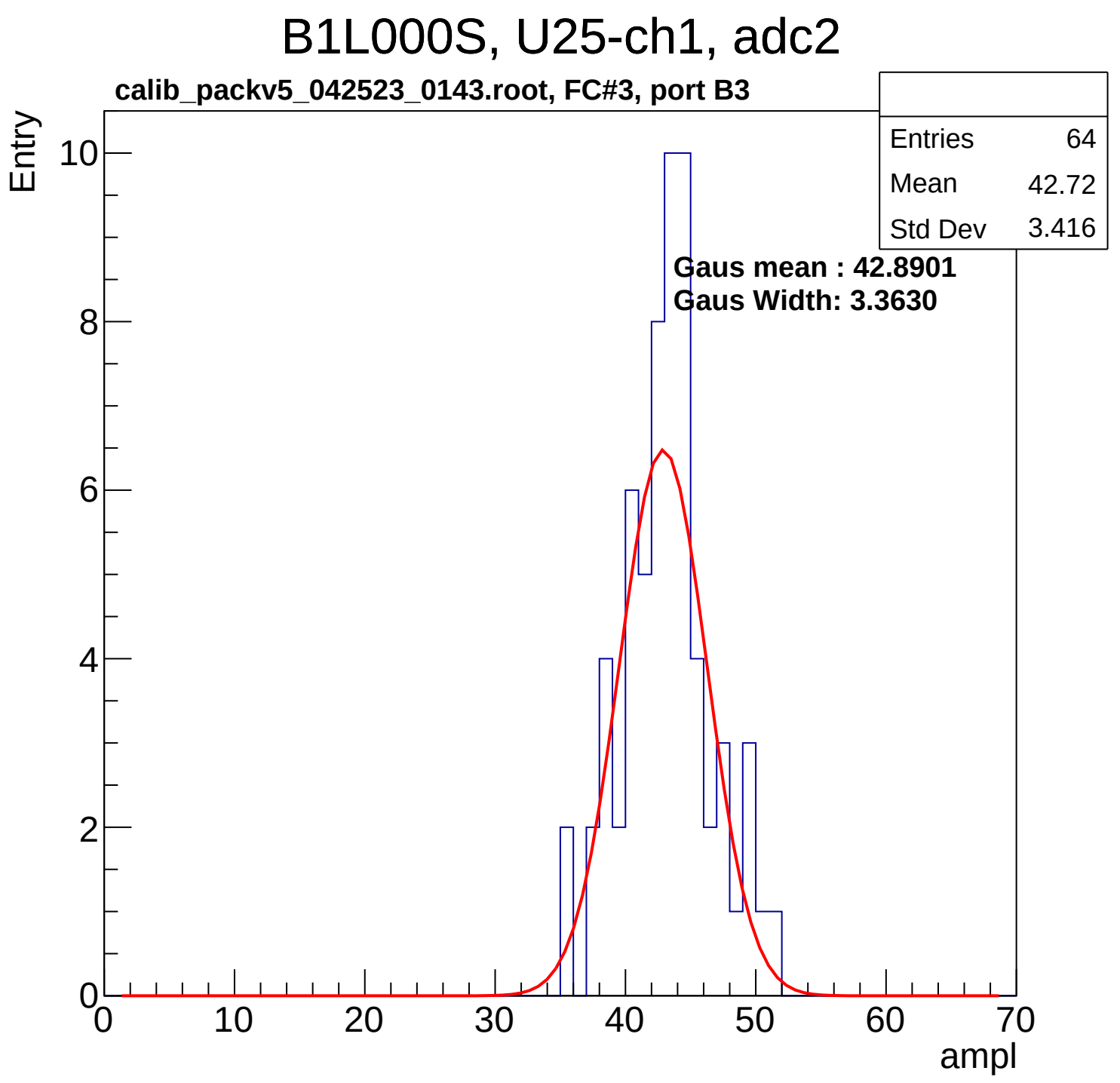
B1L000S, U25-ch1, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 42.72
Std Dev 3.416
Gaus mean : 42.8901
Gaus Width: 3.3630
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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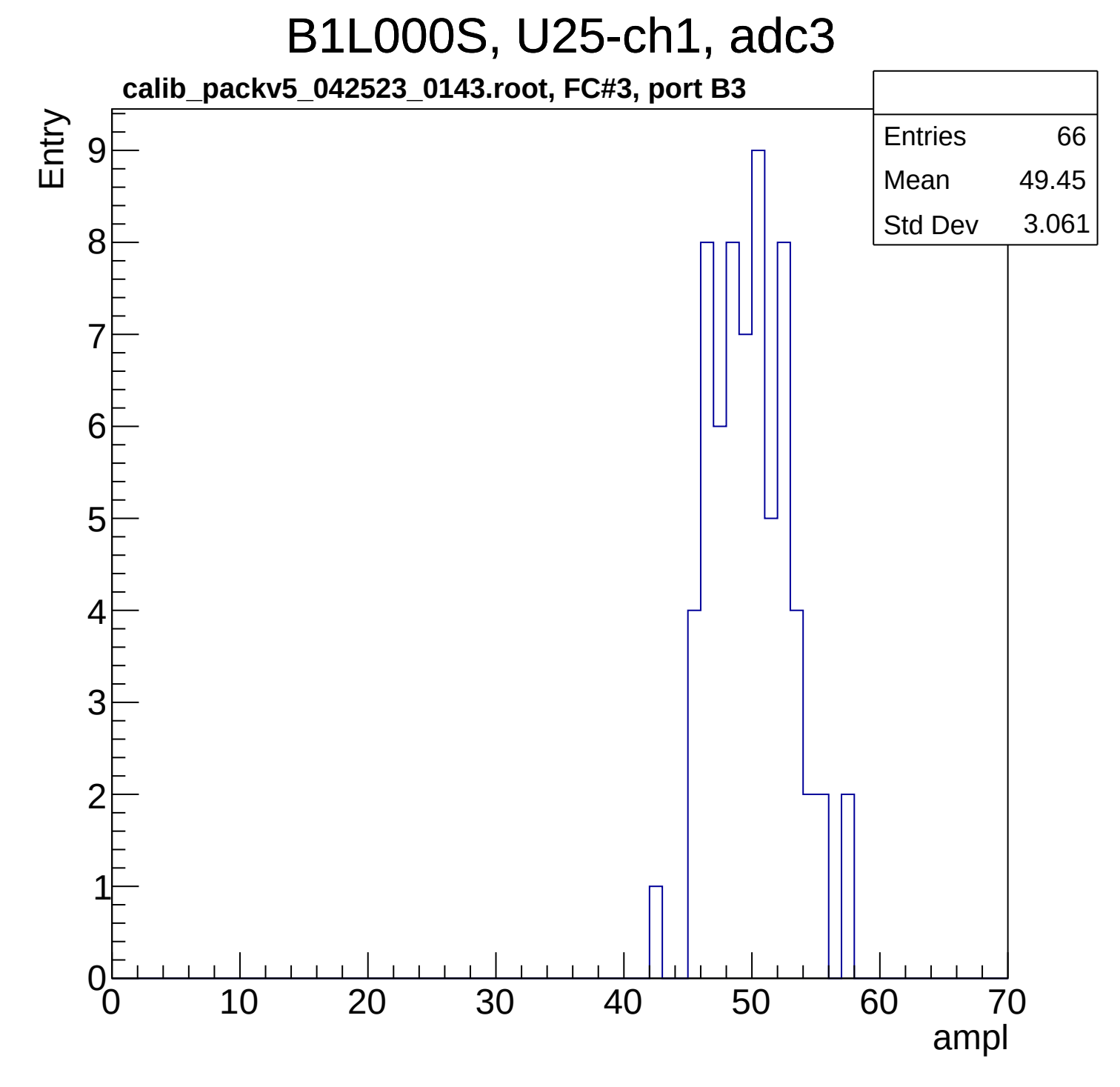
B1L000S, U25-ch1, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 49.45
Std Dev 3.061
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
10
20
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60
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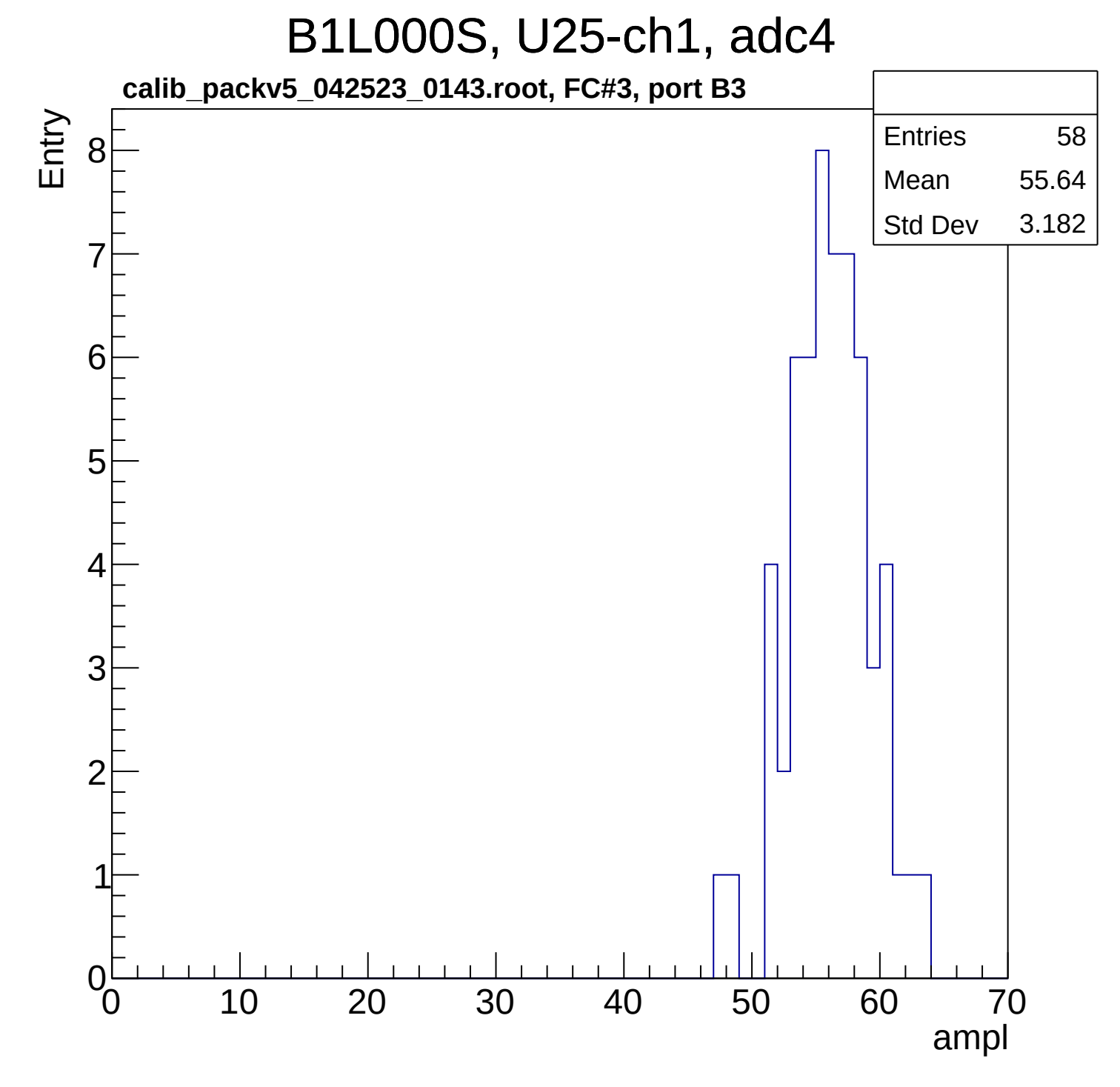
B1L000S, U25-ch1, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 55.64
Std Dev 3.182
Entry
ampl
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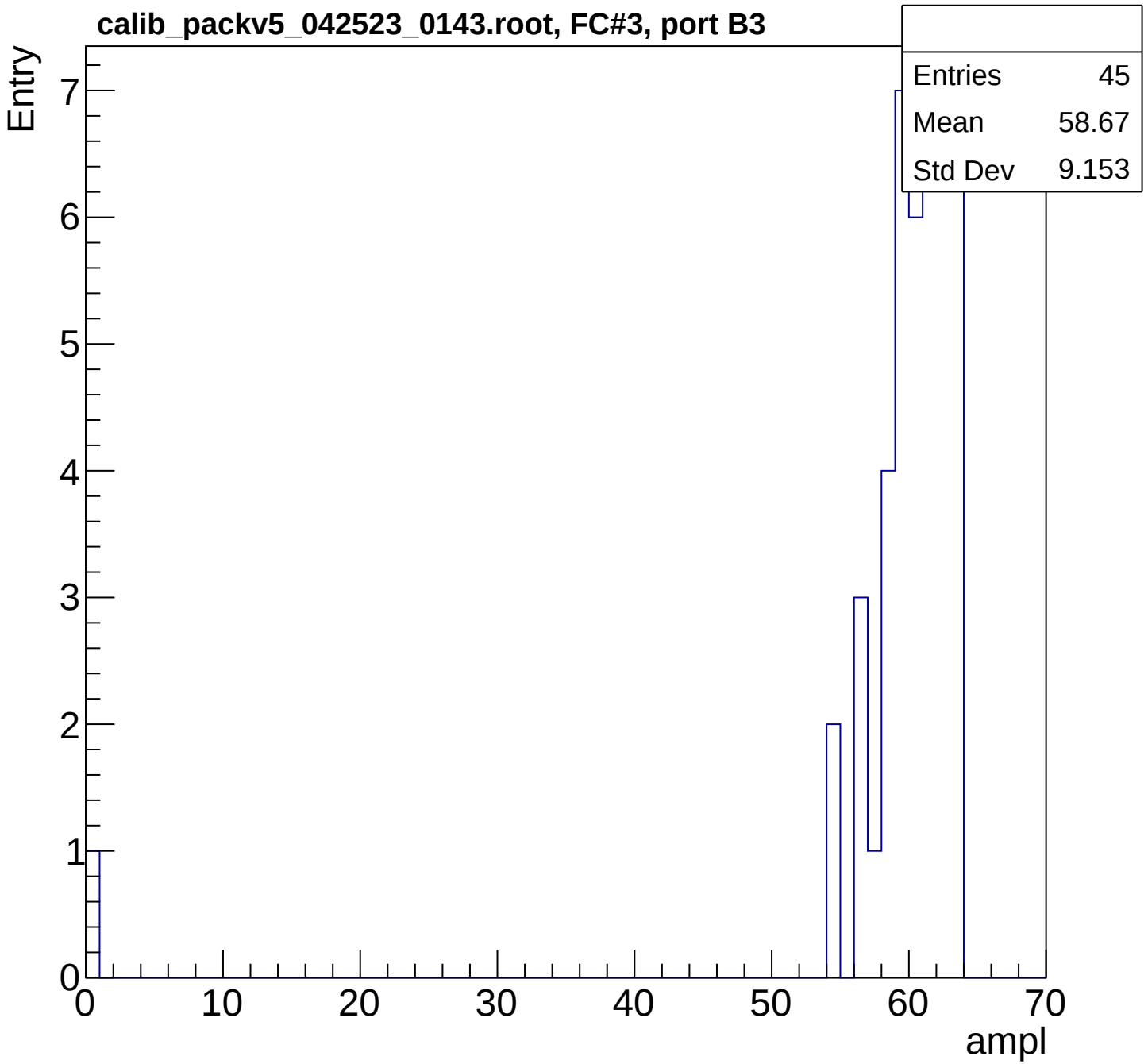
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch1, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 58.67
Std Dev 9.153
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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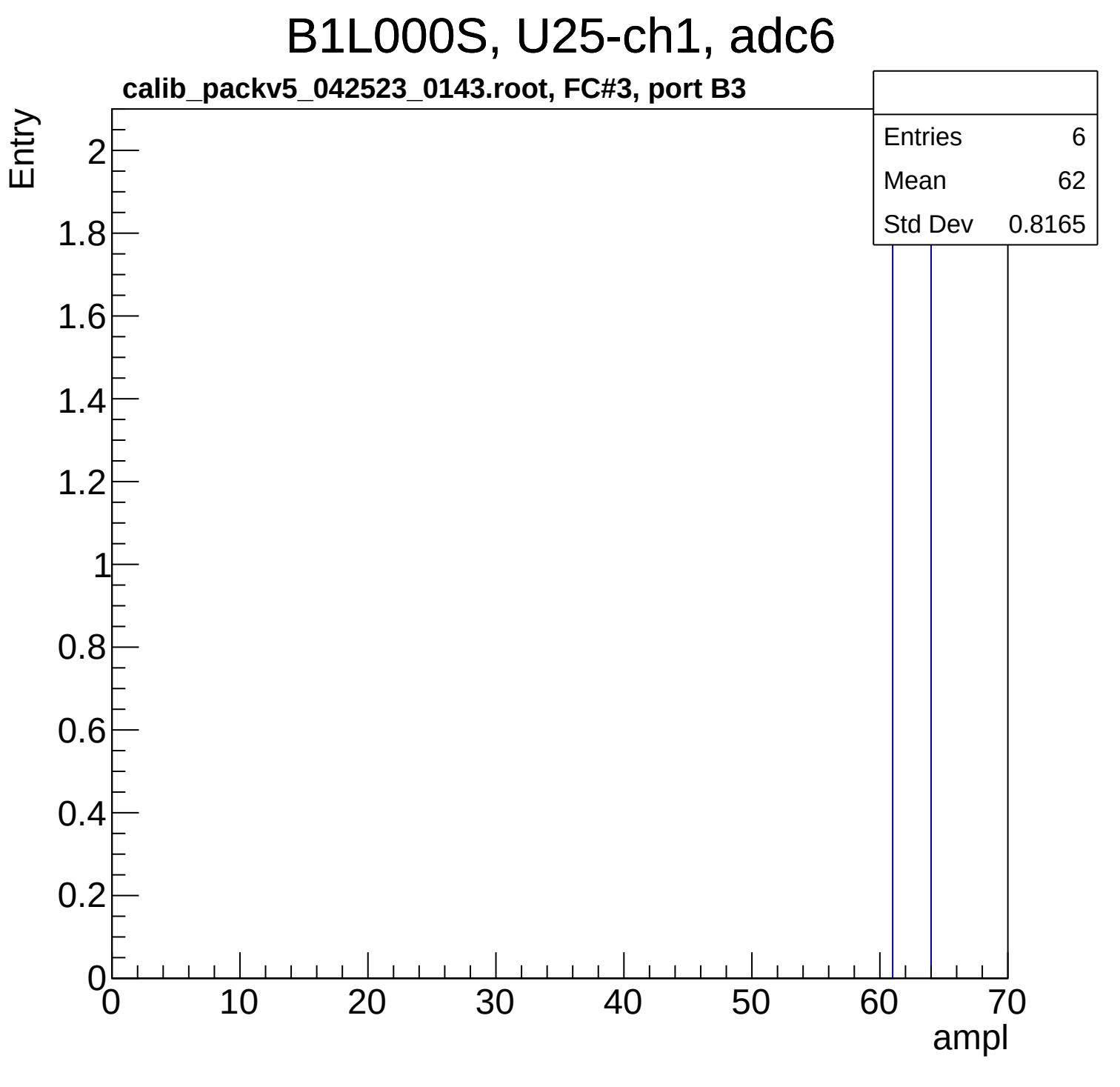
B1L000S, U25-ch1, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 62
Std Dev 0.8165
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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40
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60
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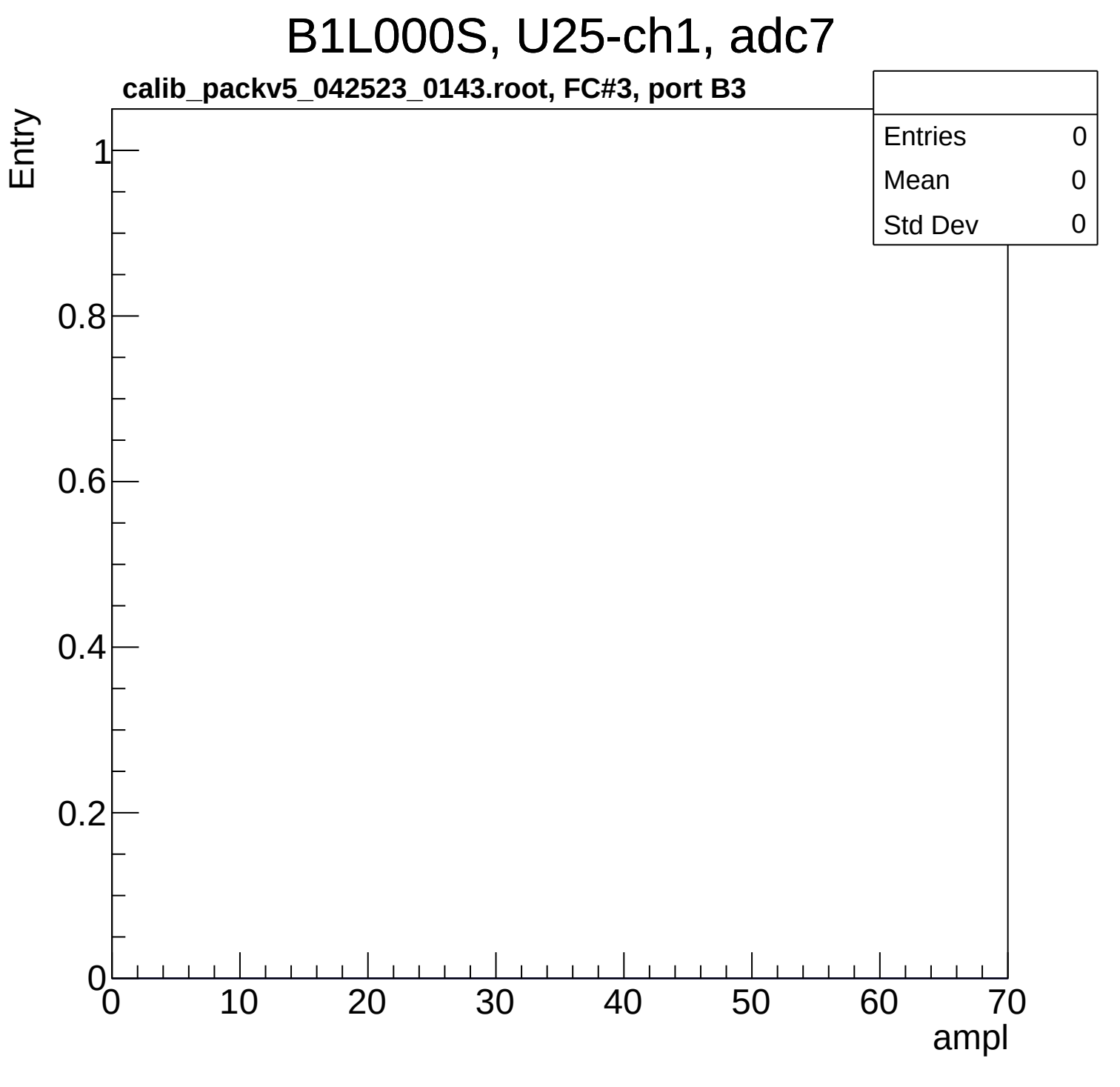
B1L000S, U25-ch1, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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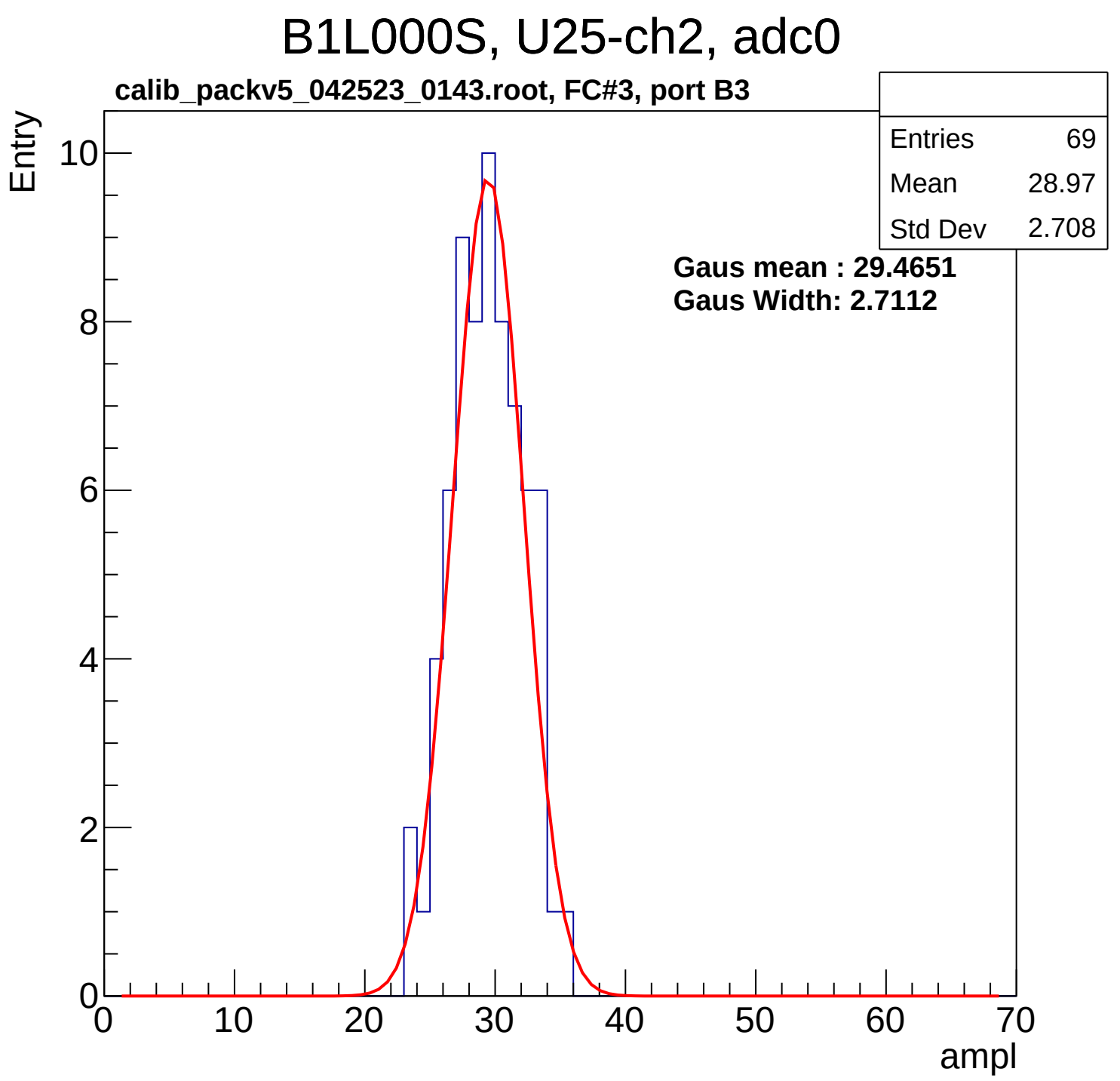
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch2, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 28.97
Std Dev 2.708
Gaus mean : 29.4651
Gaus Width: 2.7112
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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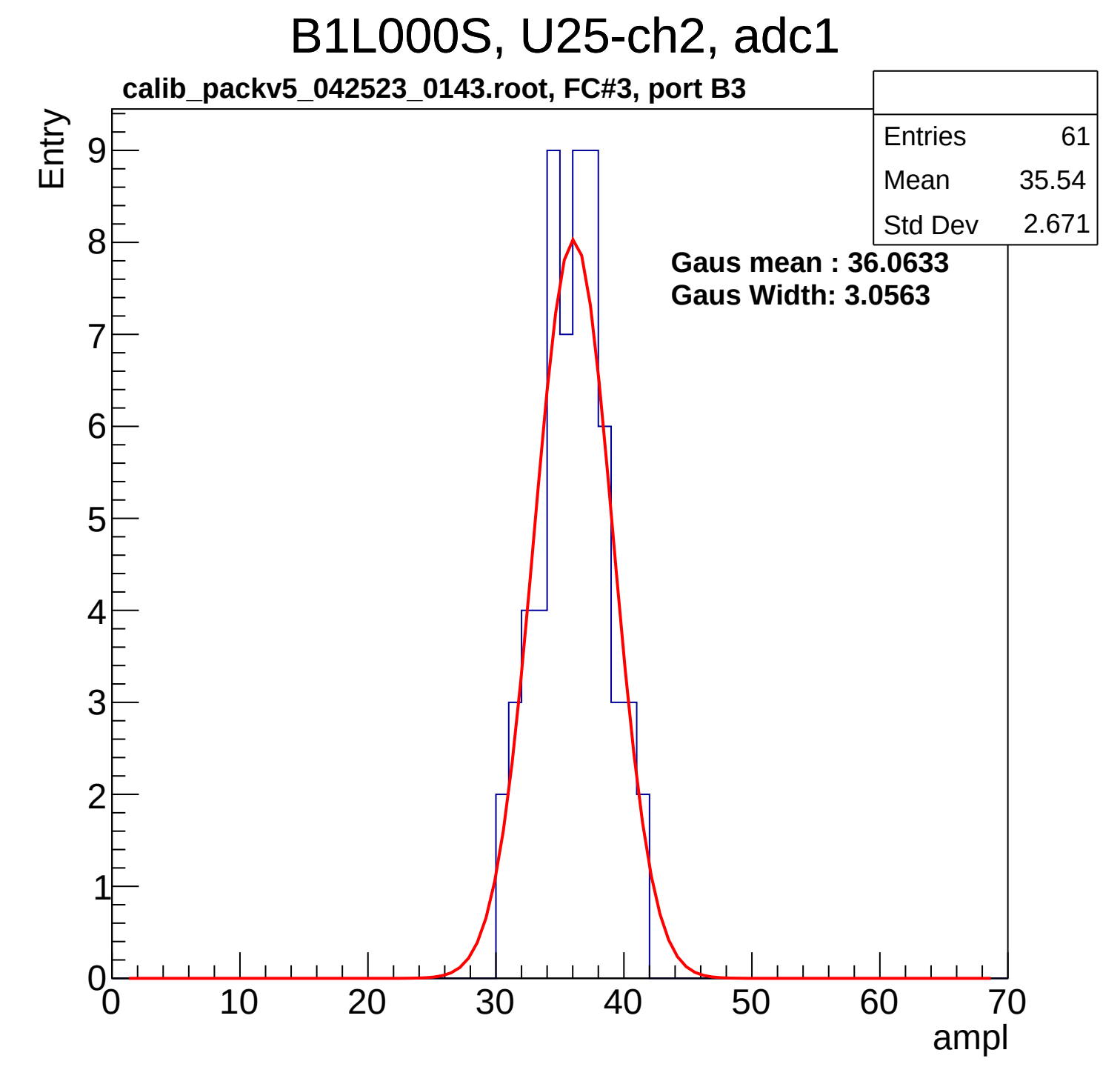
B1L000S, U25-ch2, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 35.54
Std Dev 2.671
Gaus mean : 36.0633
Gaus Width: 3.0563
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
30
40
50
60
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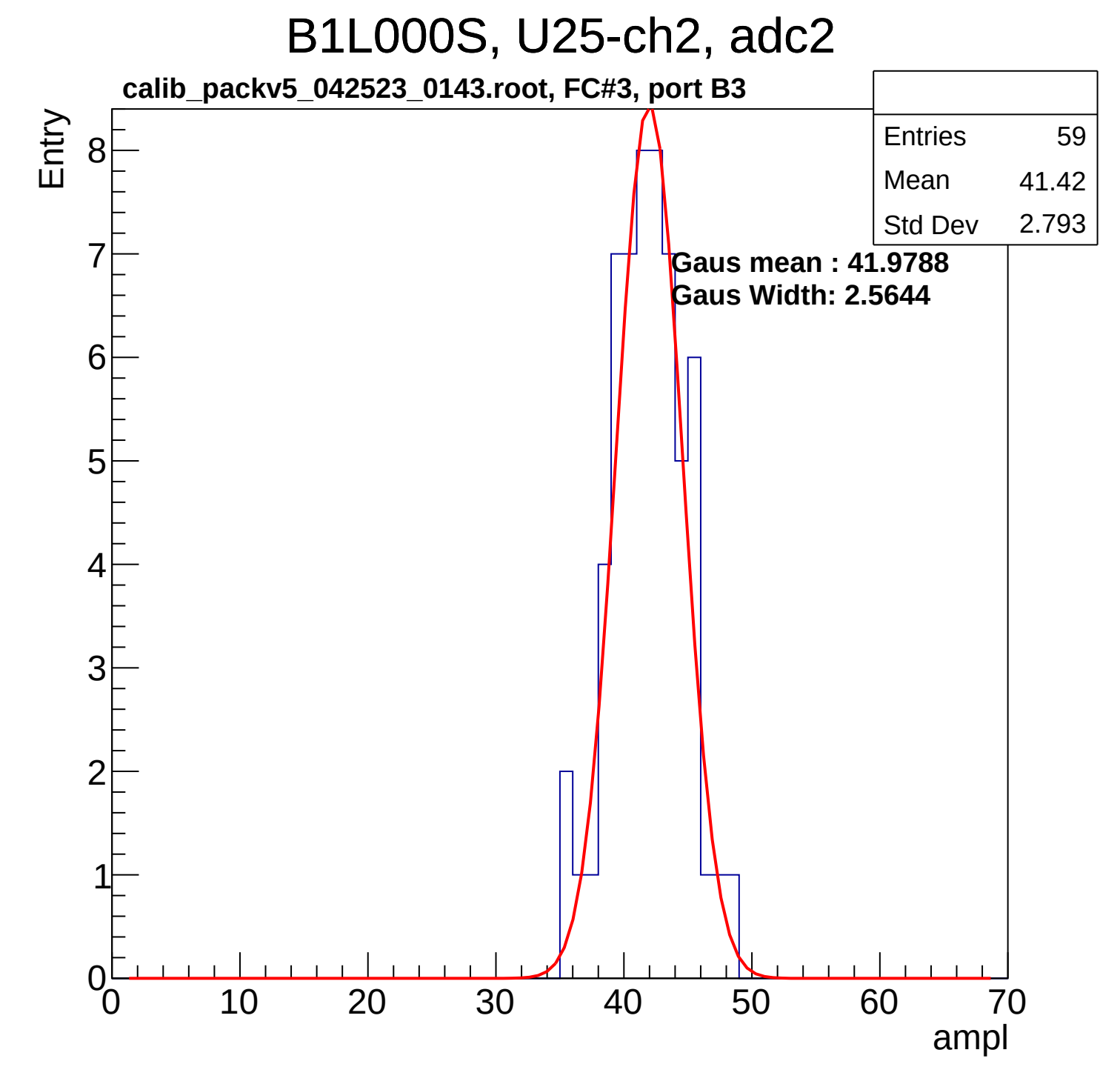
B1L000S, U25-ch2, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 41.42
Std Dev 2.793
Gaus mean : 41.9788
Gaus Width: 2.5644
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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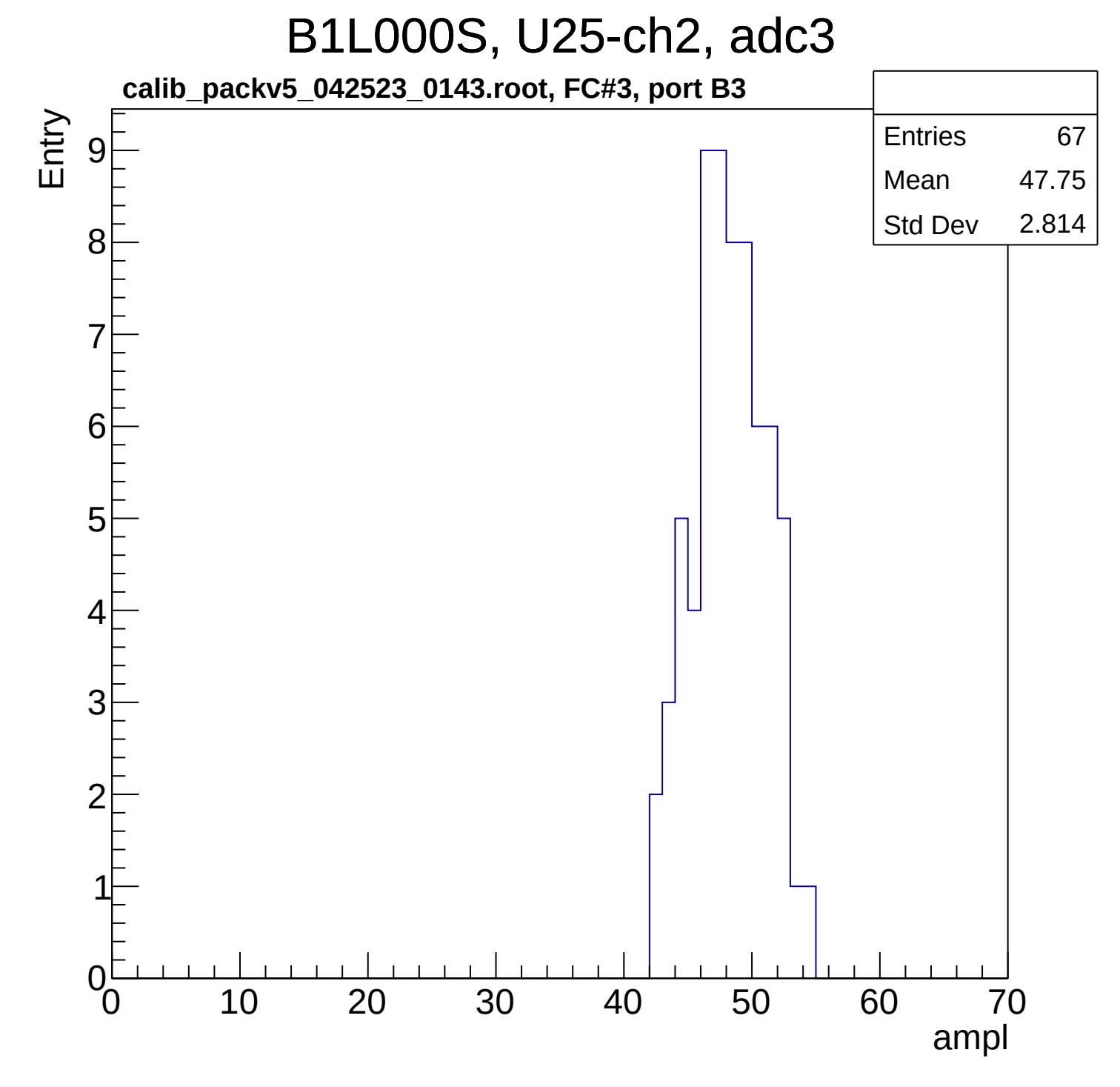
B1L000S, U25-ch2, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 47.75
Std Dev 2.814
Entry
ampl
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3
4
5
6
7
8
9
0
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20
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40
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60
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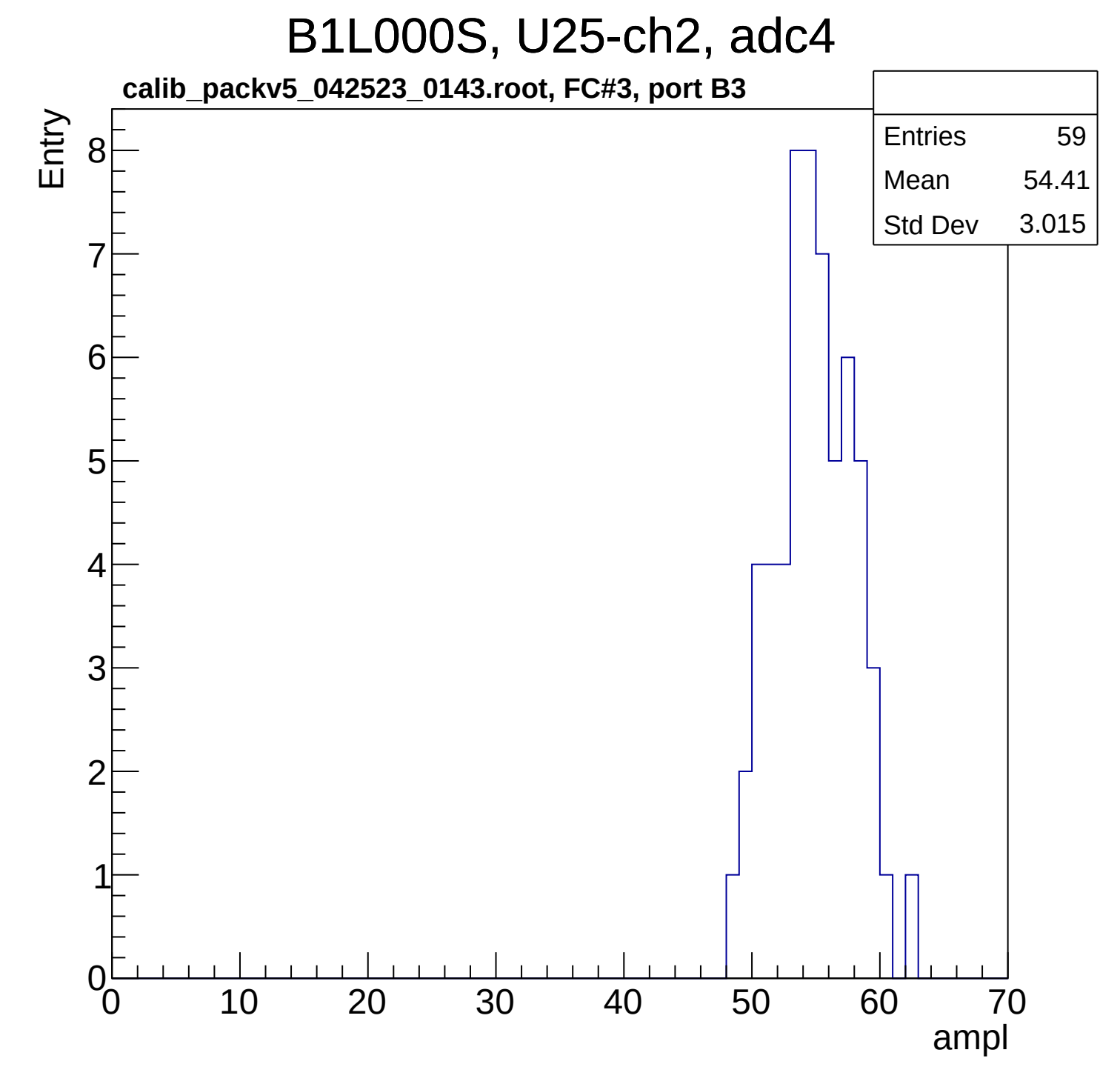
B1L000S, U25-ch2, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 54.41
Std Dev 3.015
Entry
ampl
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2
3
4
5
6
7
8
0
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20
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40
50
60
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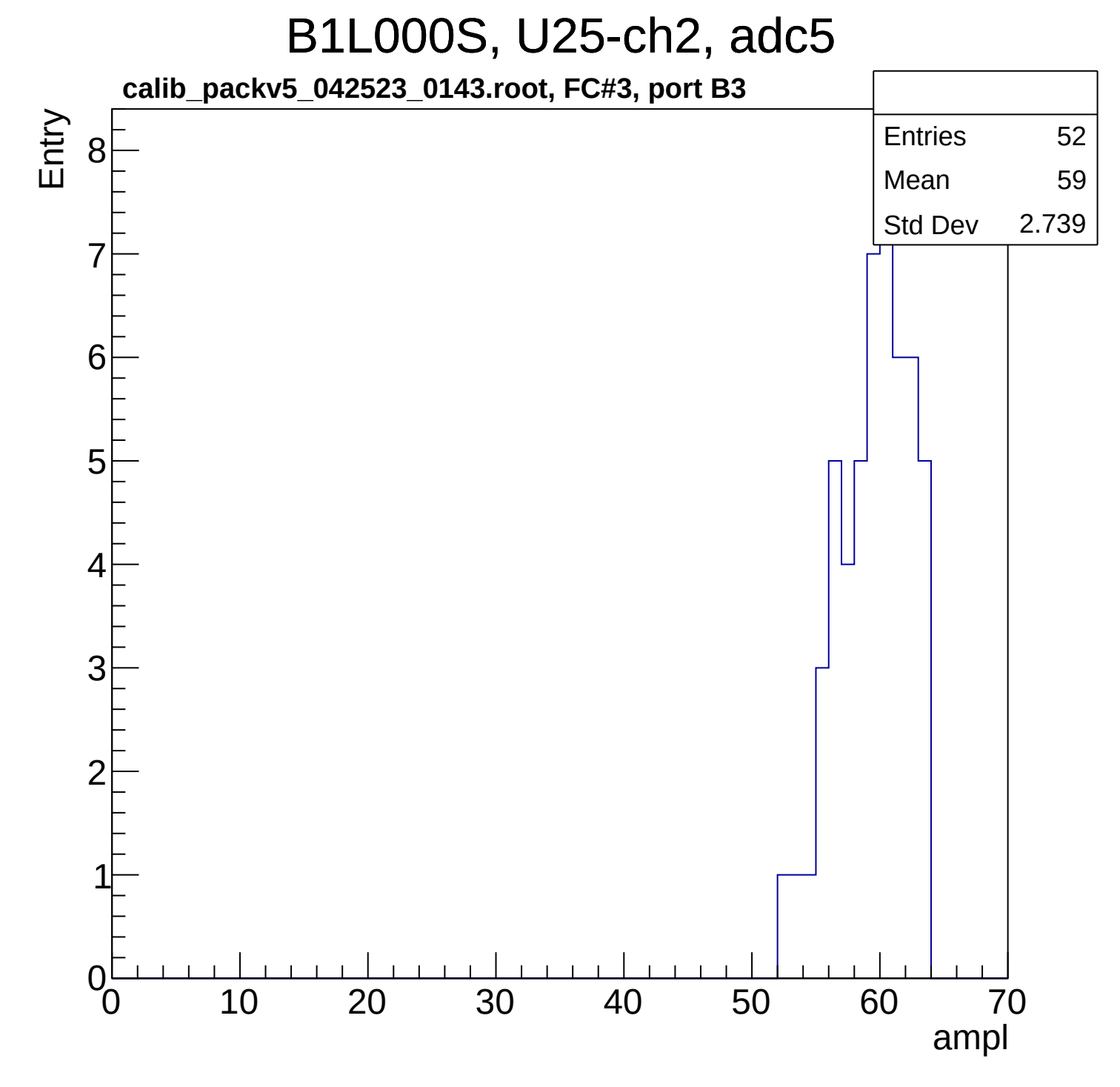
B1L000S, U25-ch2, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 59
Std Dev 2.739
Entry
ampl
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2
3
4
5
6
7
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0
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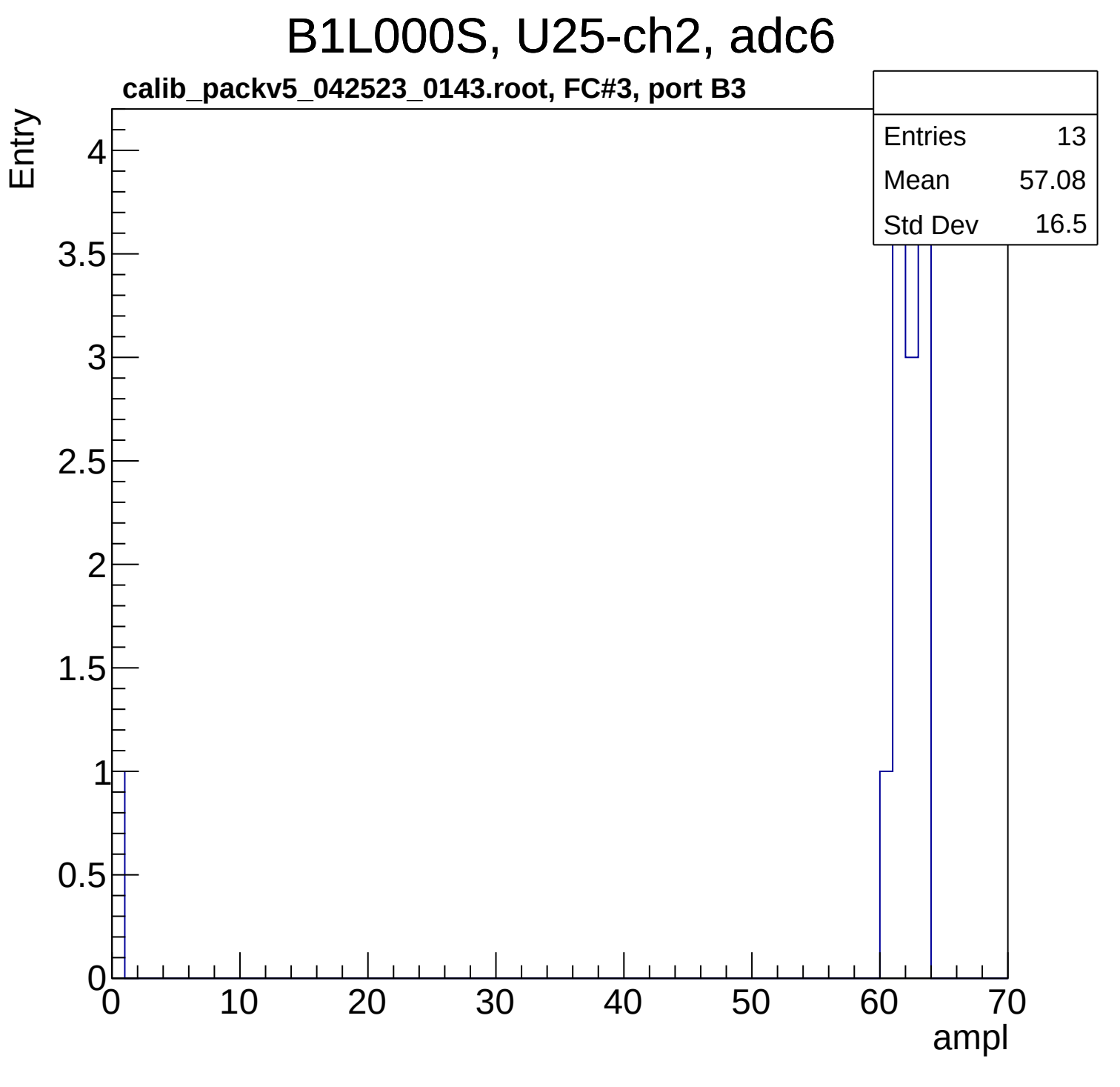
60
70


B1L000S, U25-ch2, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 57.08
Std Dev 16.5
Entry
ampl
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1.5
2
2.5
3
3.5
4
0
10
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40
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60
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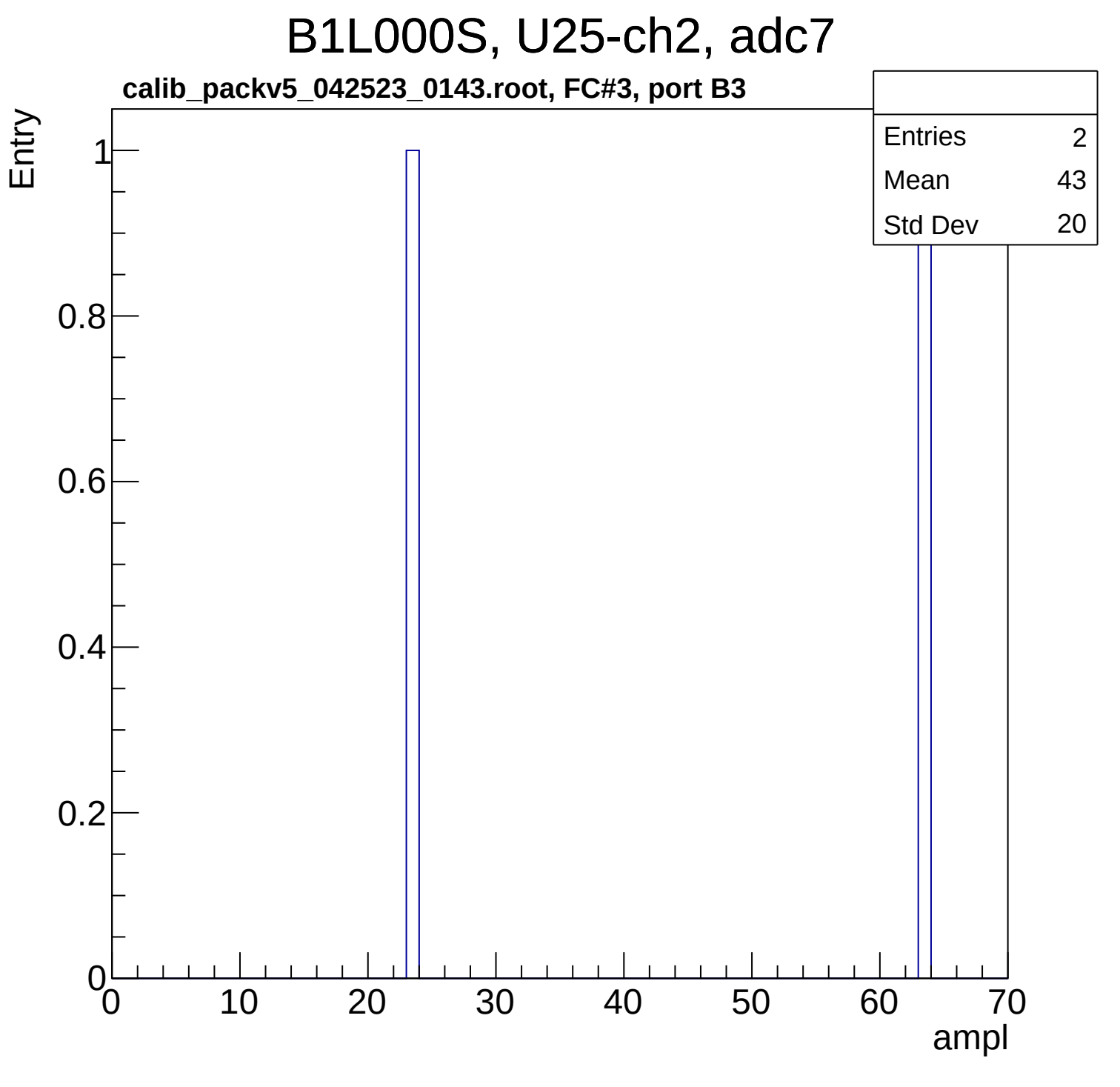
B1L000S, U25-ch2, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 43
Std Dev 20
Entry
ampl
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0.2
0.4
0.6
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0
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60
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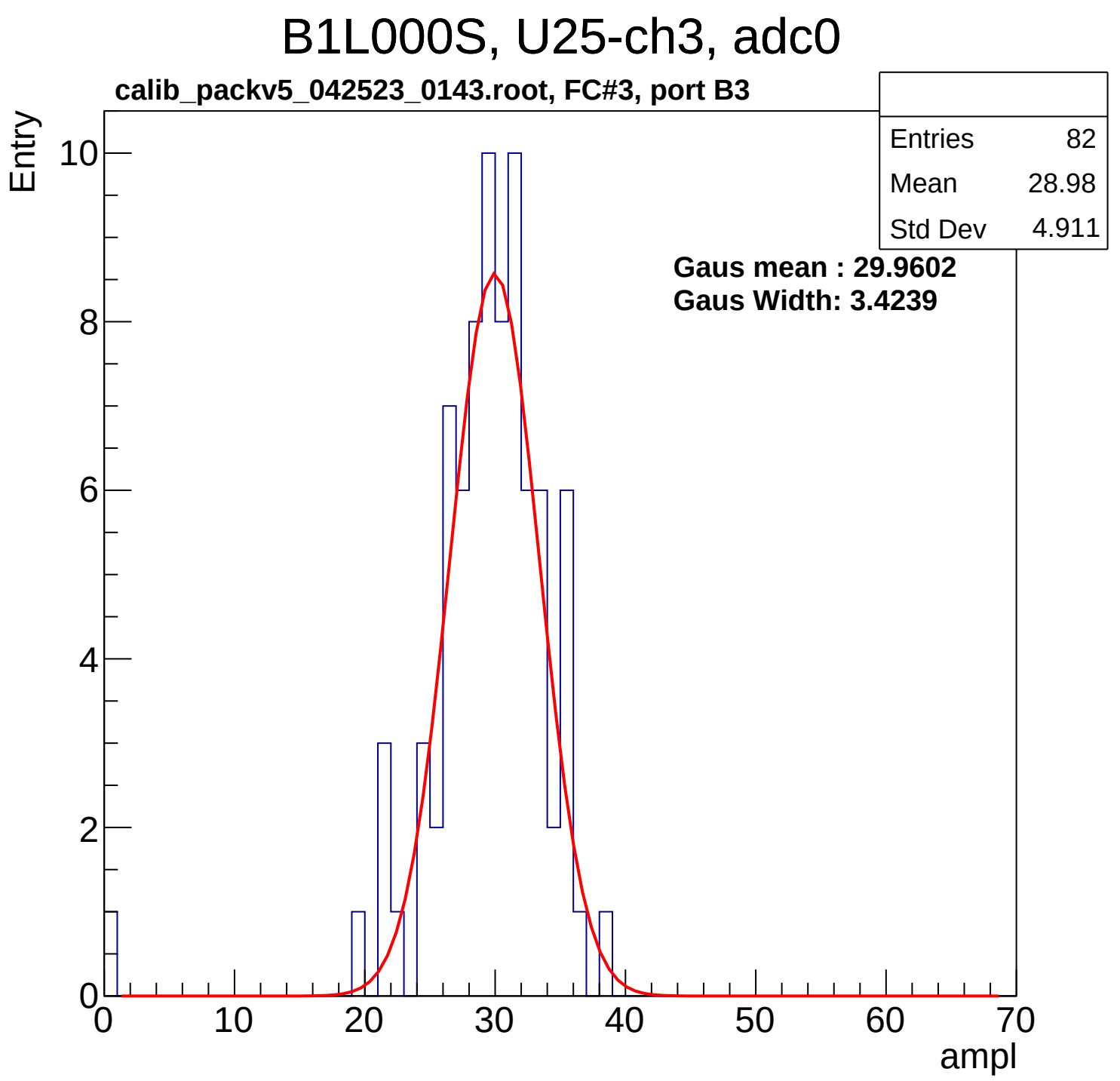
B1L000S, U25-ch3, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 82
Mean 28.98
Std Dev 4.911
Gaus mean : 29.9602
Gaus Width: 3.4239
Entry
ampl
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4
6
8
10
0
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30
40
50
60
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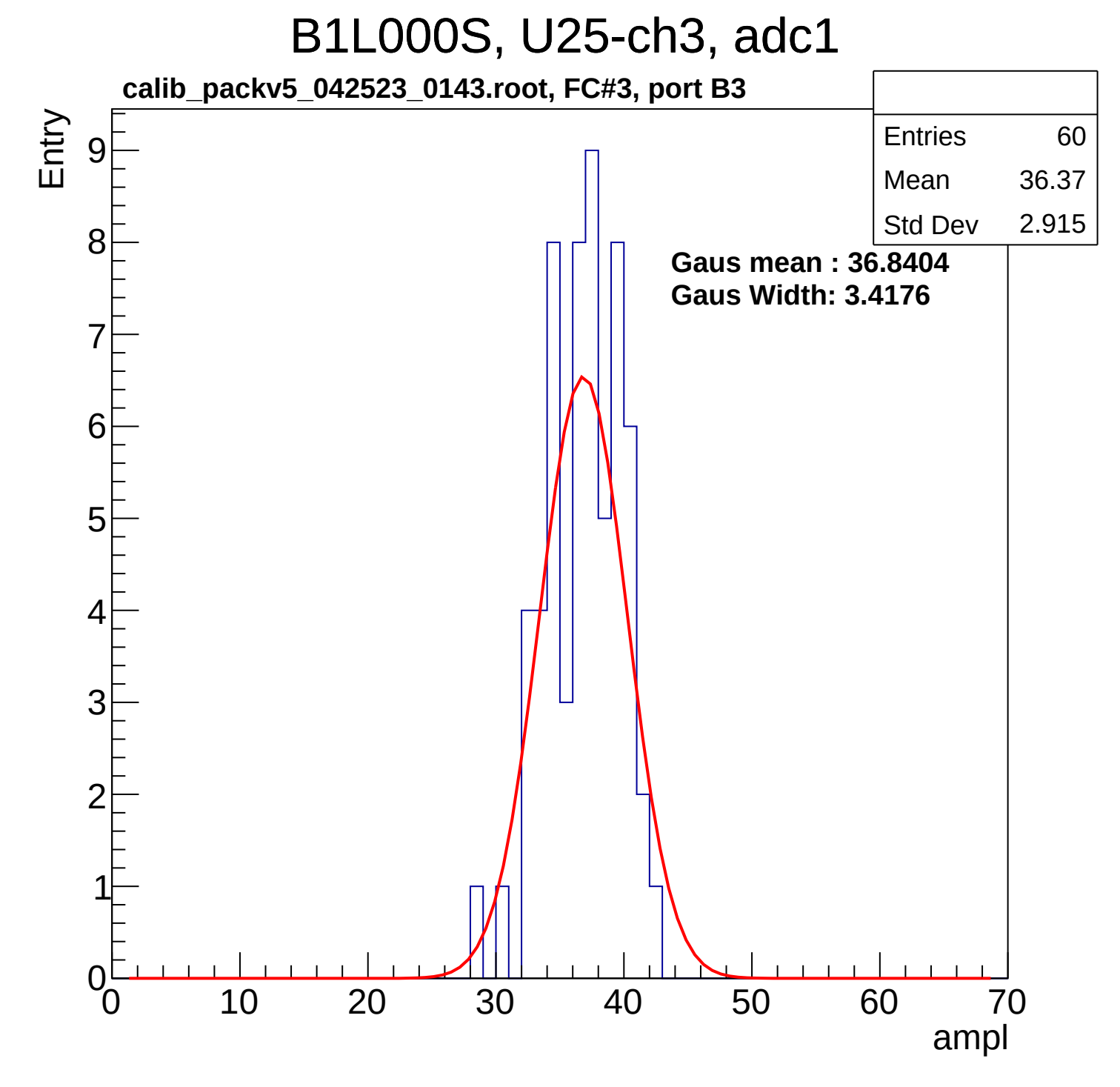
B1L000S, U25-ch3, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 36.37
Std Dev 2.915
Gaus mean : 36.8404
Gaus Width: 3.4176
Entry
ampl
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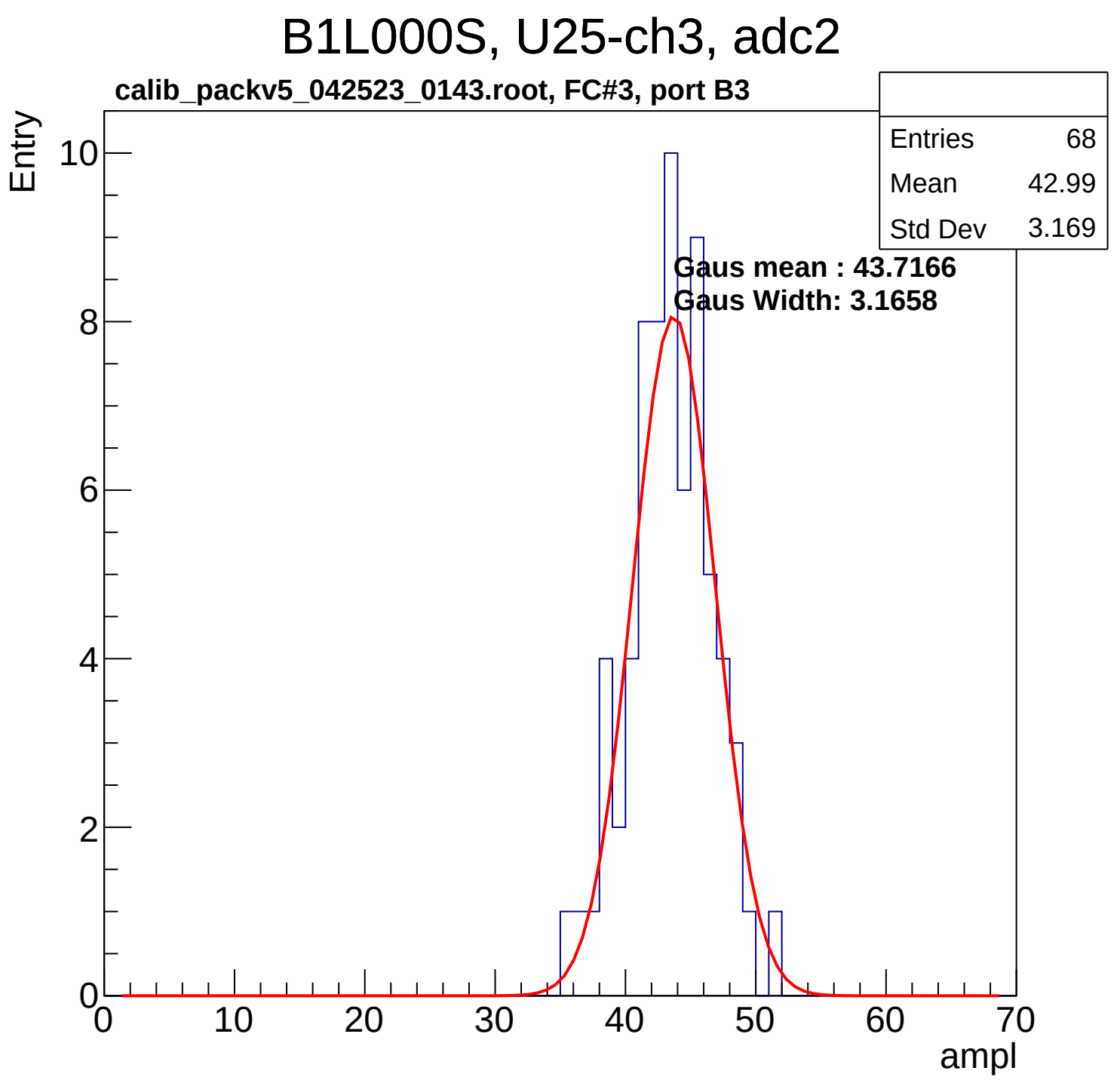
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U25-ch3, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 42.99
Std Dev 3.169
Gaus mean : 43.7166
Gaus Width: 3.1658
Entry
ampl
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2
4
6
8
10
0
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20
30
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60
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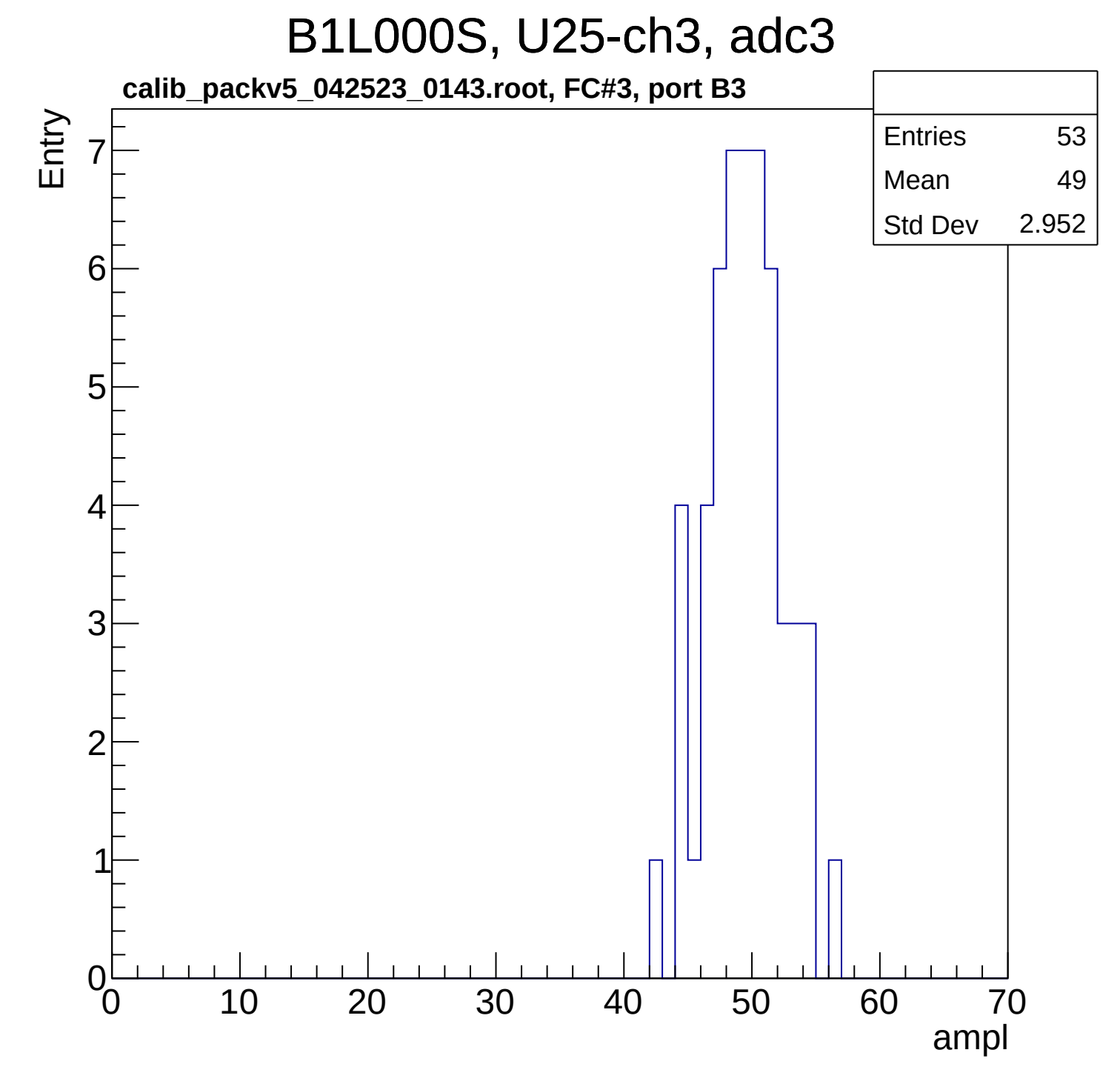
B1L000S, U25-ch3, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 49
Std Dev 2.952
Entry
ampl
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4
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0
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40
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60
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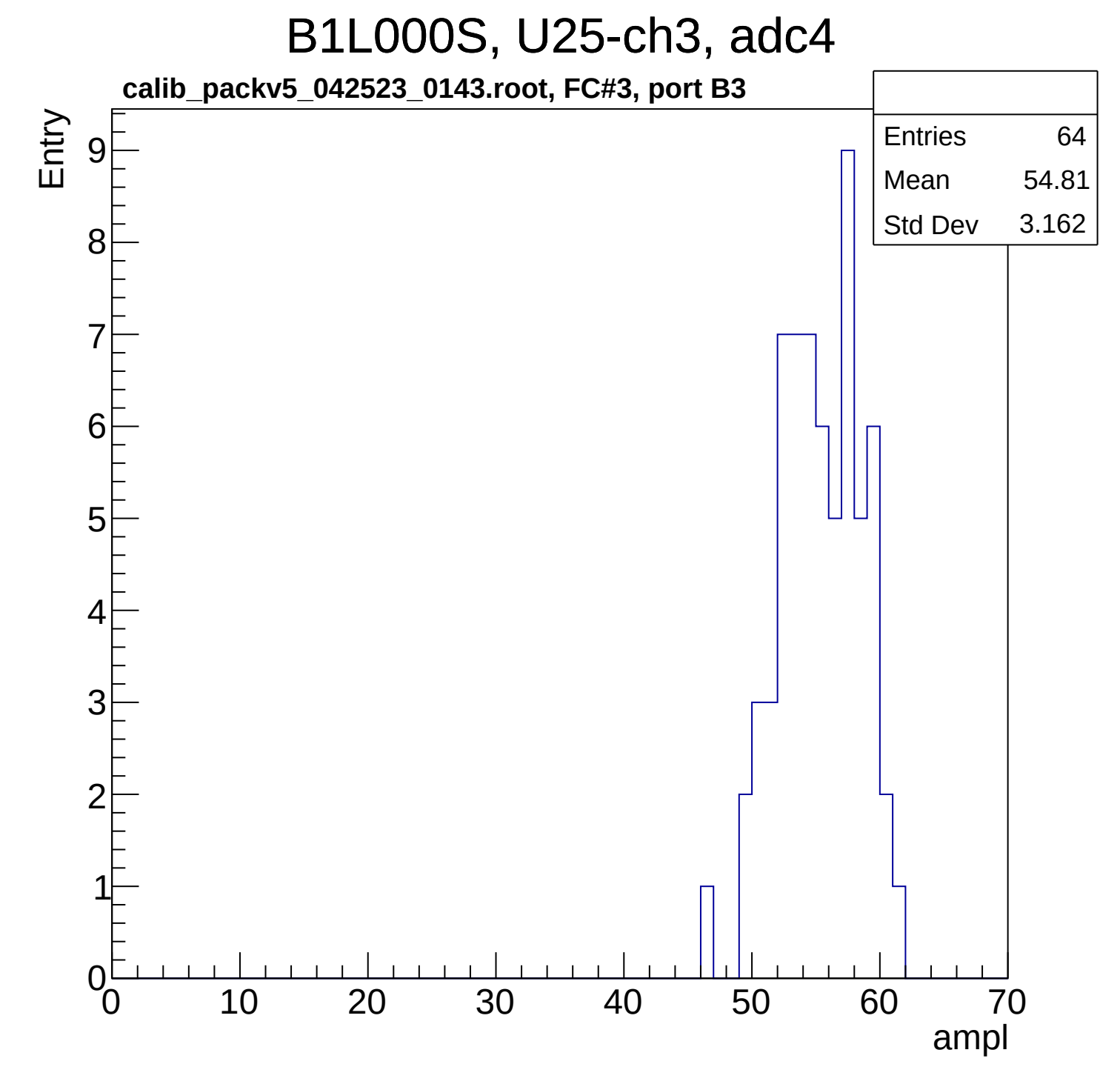
B1L000S, U25-ch3, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 54.81
Std Dev 3.162
Entry
ampl
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3
4
5
6
7
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9
0
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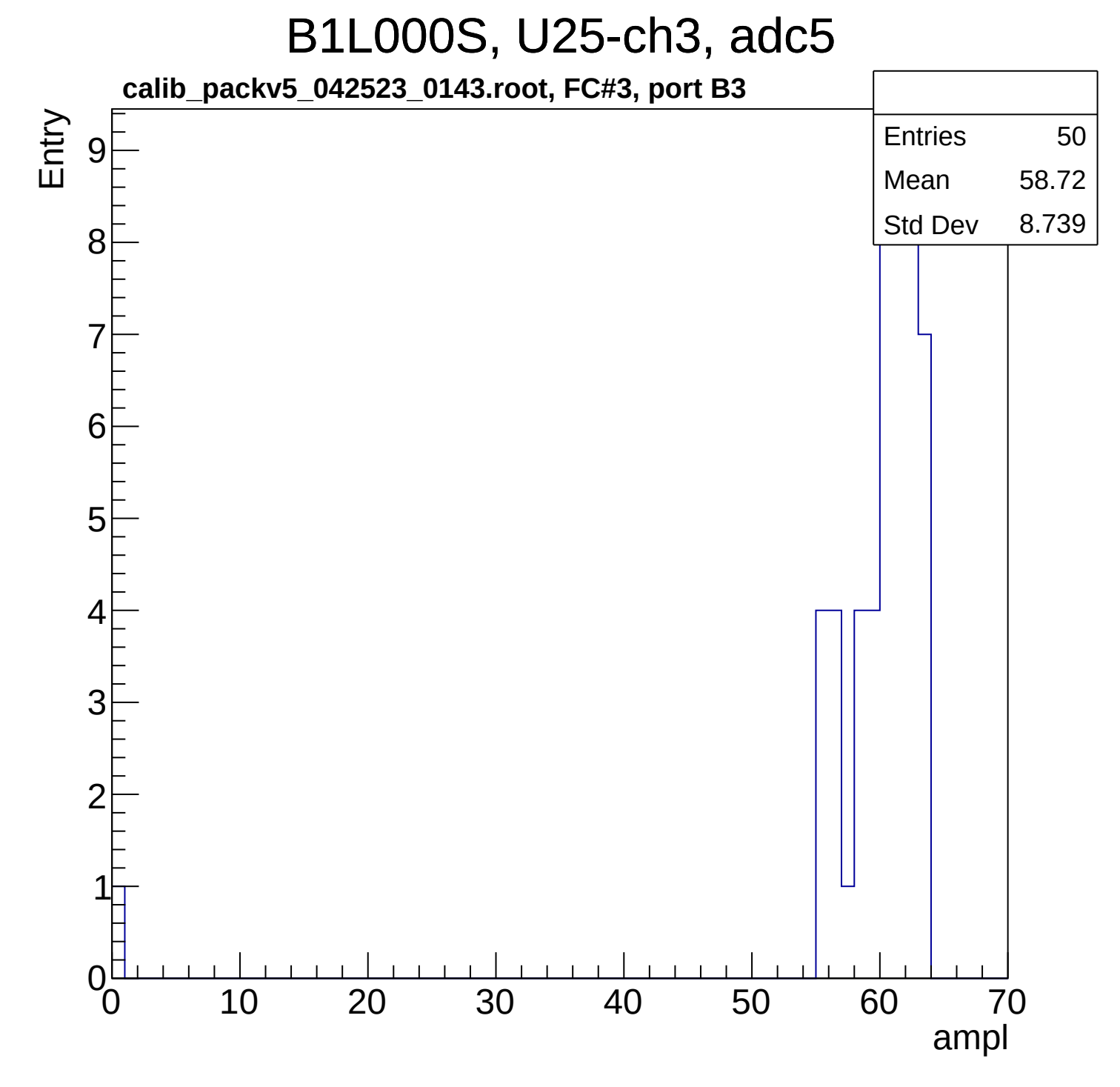
B1L000S, U25-ch3, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 58.72
Std Dev 8.739
Entry
ampl
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0
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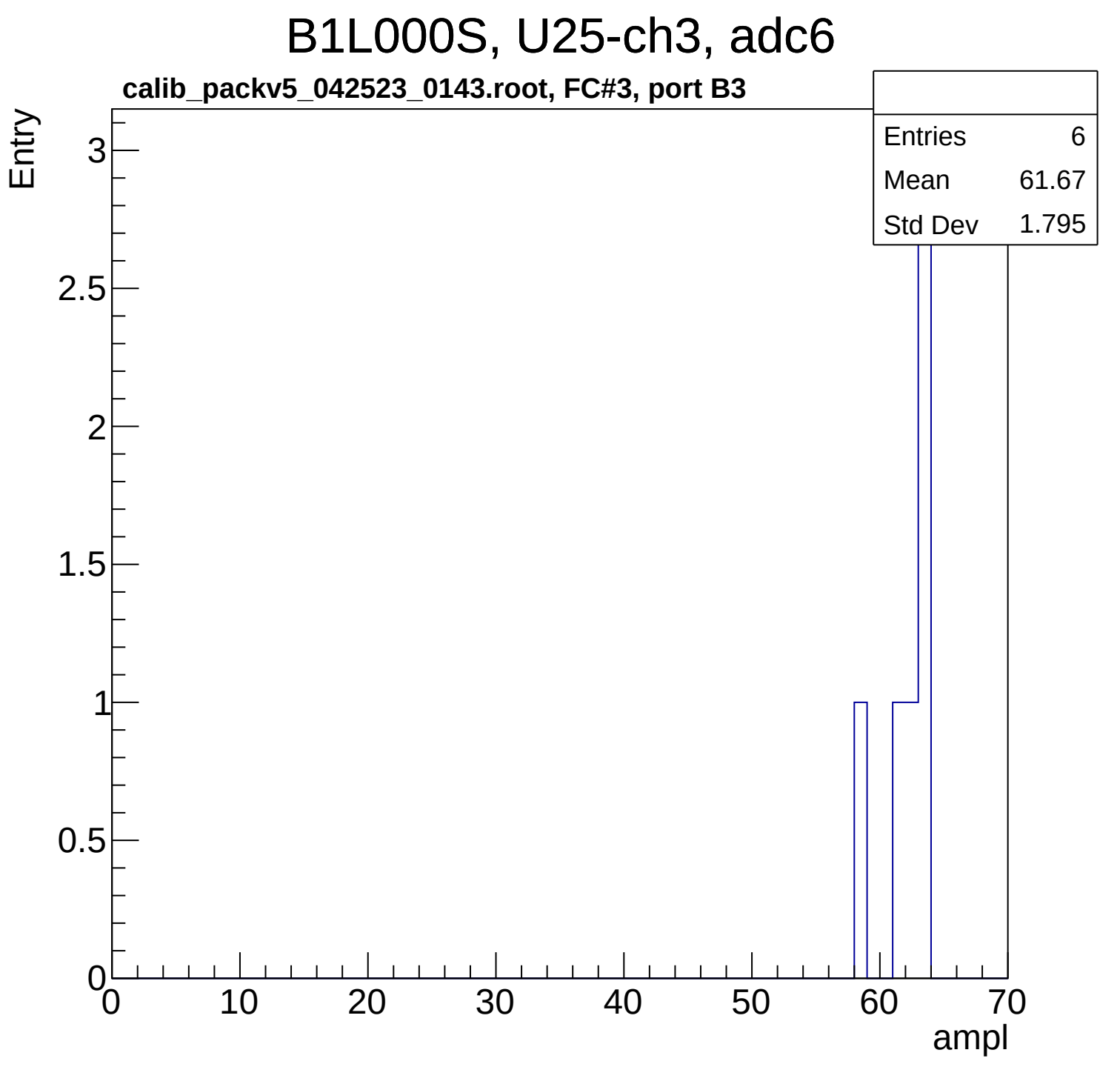
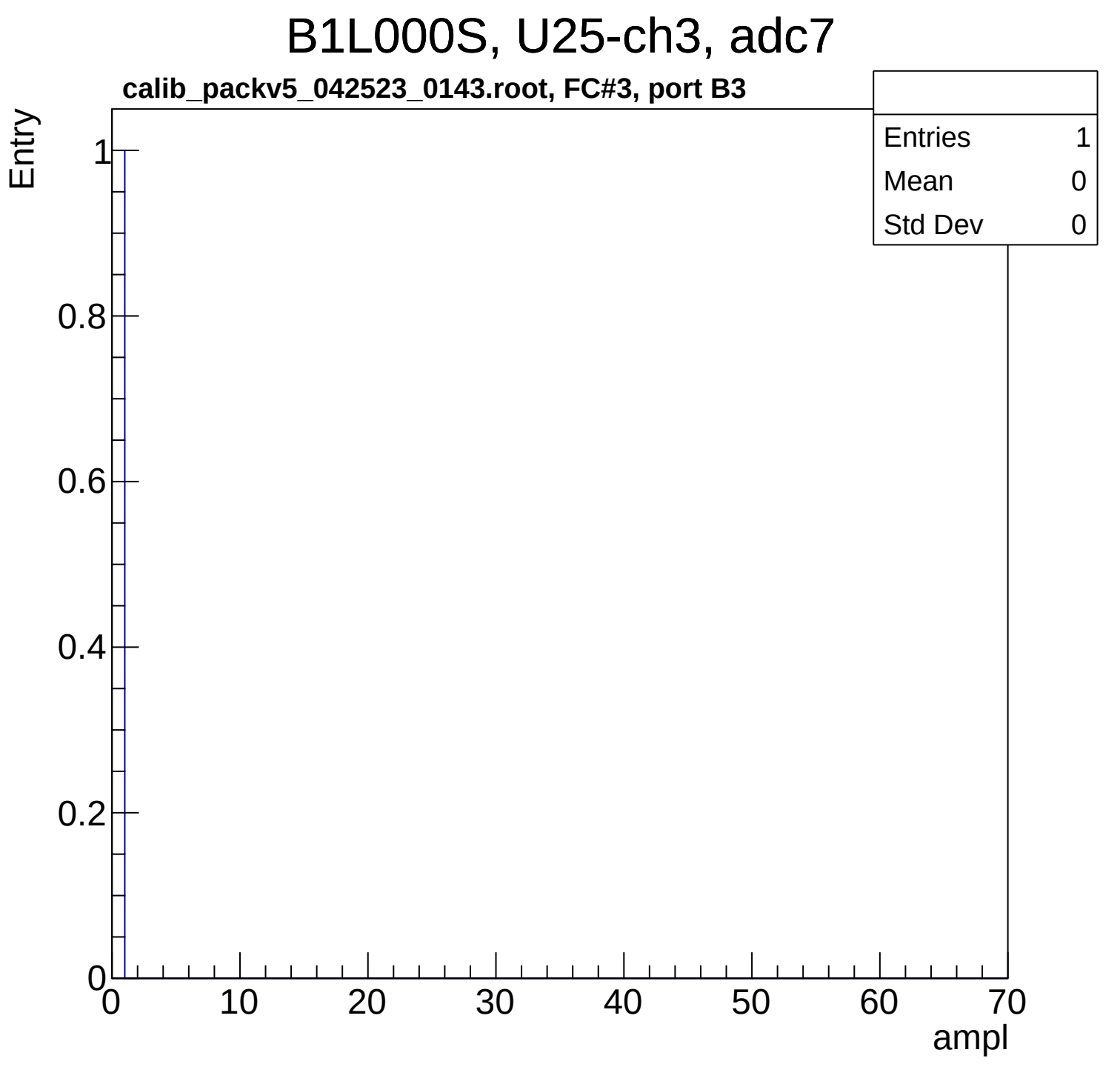

B1L000S, U25-ch3, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 61.67
Std Dev 1.795
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U25-ch3, 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
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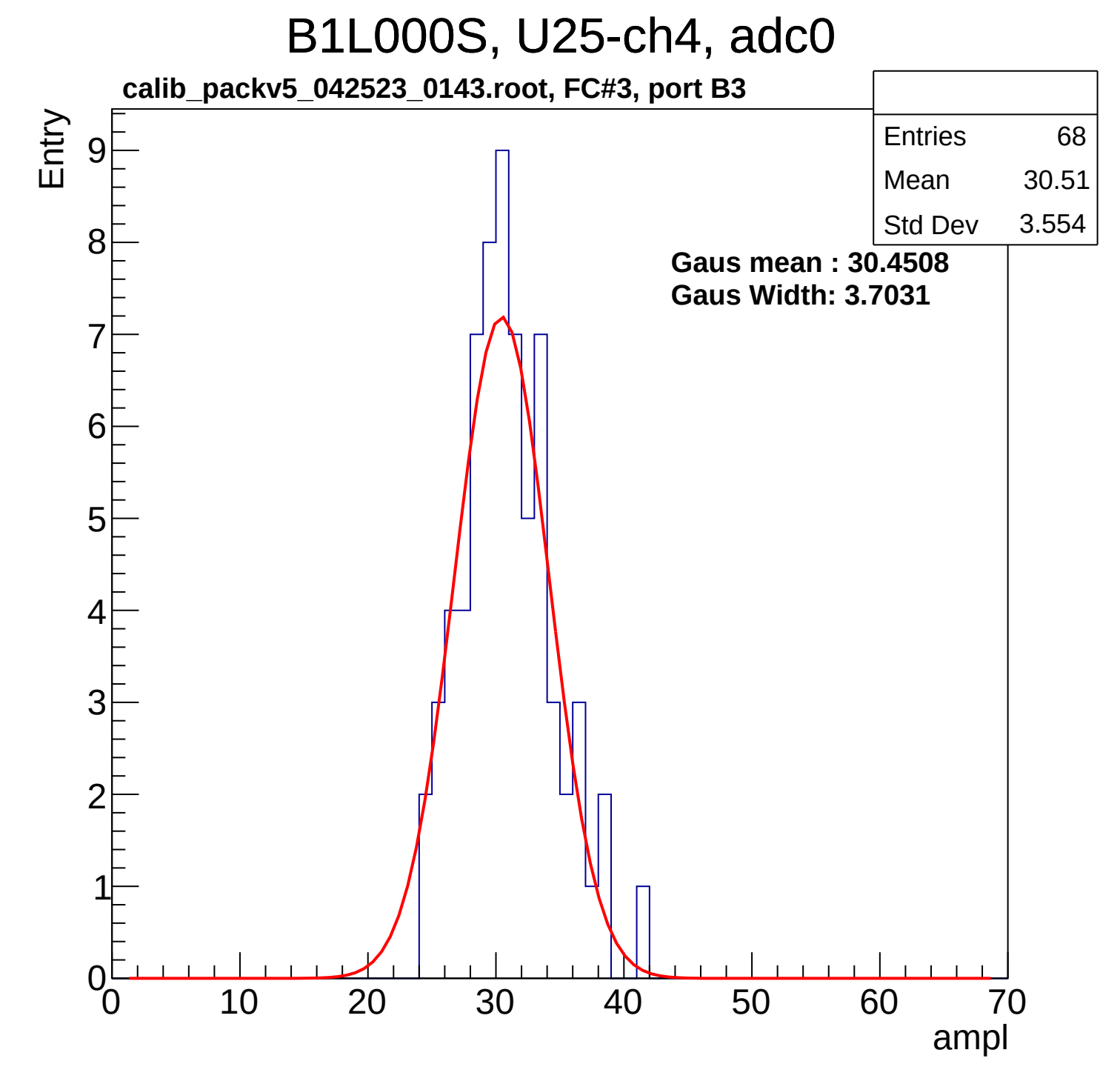
ampl


B1L000S, U25-ch4, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 30.51
Std Dev 3.554
Gaus mean : 30.4508
Gaus Width: 3.7031
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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30
40
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60
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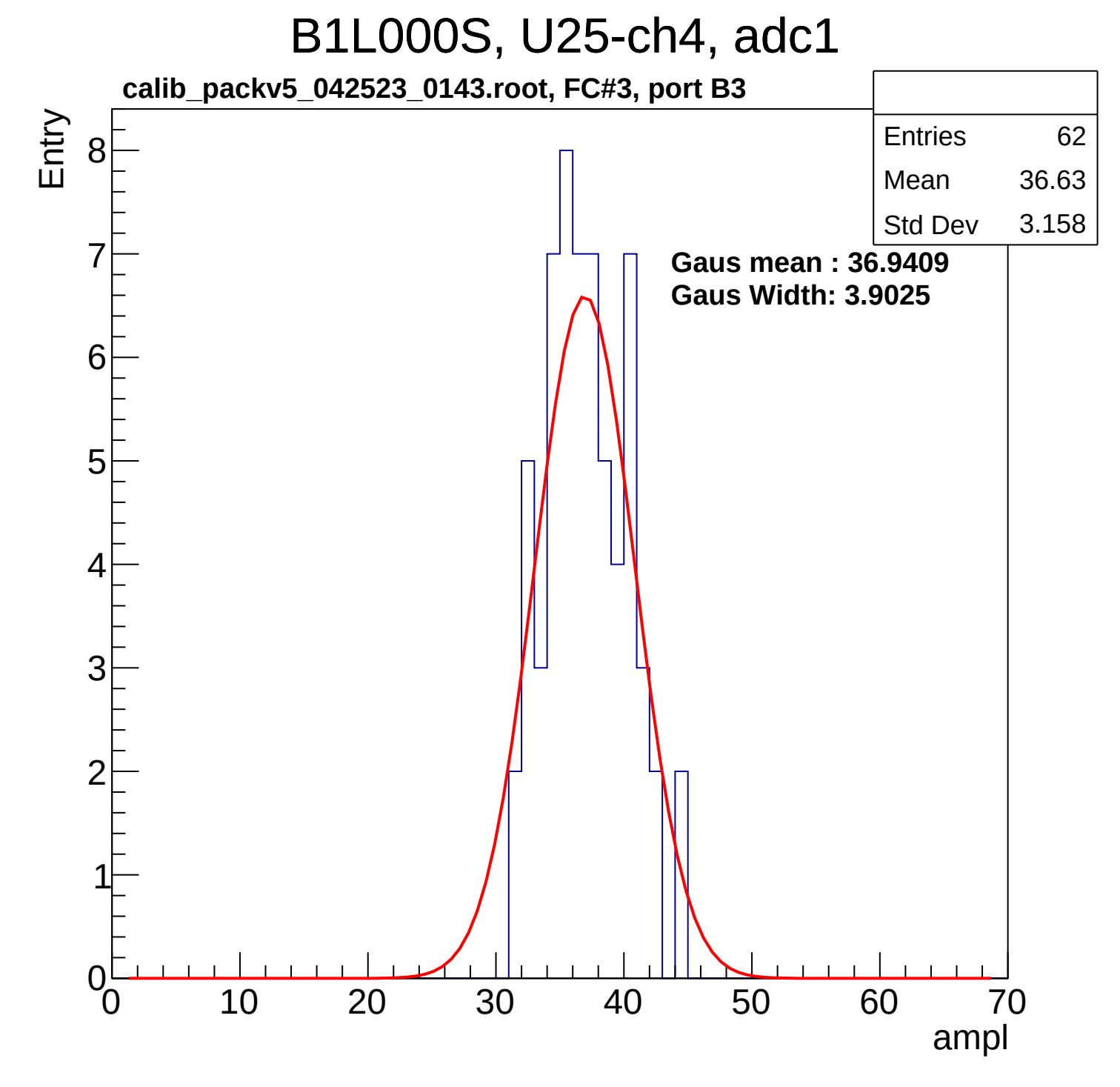
B1L000S, U25-ch4, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 36.63
Std Dev 3.158
Gaus mean : 36.9409
Gaus Width: 3.9025
Entry
ampl
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1
2
3
4
5
6
7
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0
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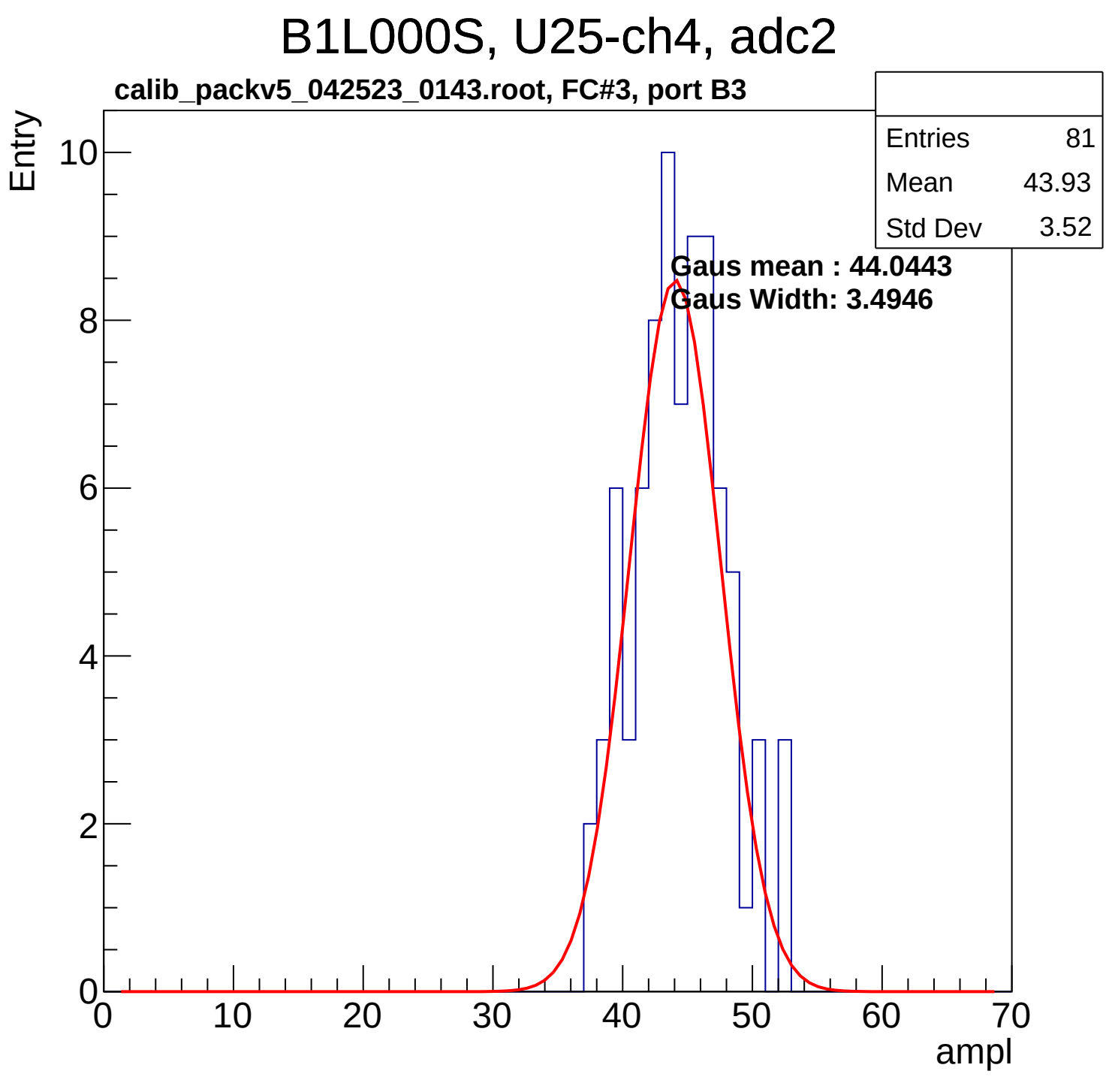
B1L000S, U25-ch4, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 81
Mean 43.93
Std Dev 3.52
Gaus mean : 44.0443
Gaus Width: 3.4946
Entry
ampl
0
2
4
6
8
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0
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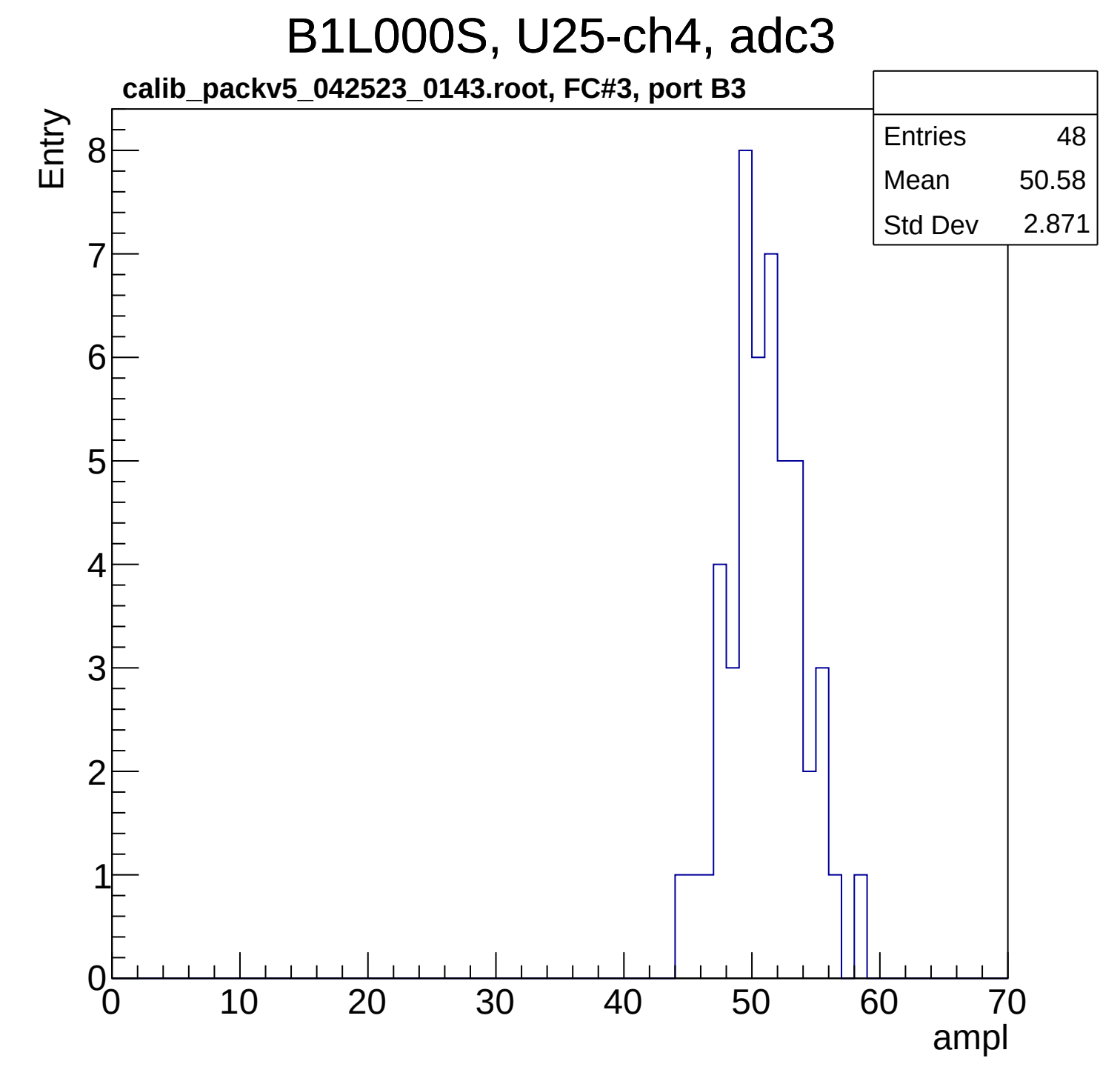
B1L000S, U25-ch4, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 50.58
Std Dev 2.871
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
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60
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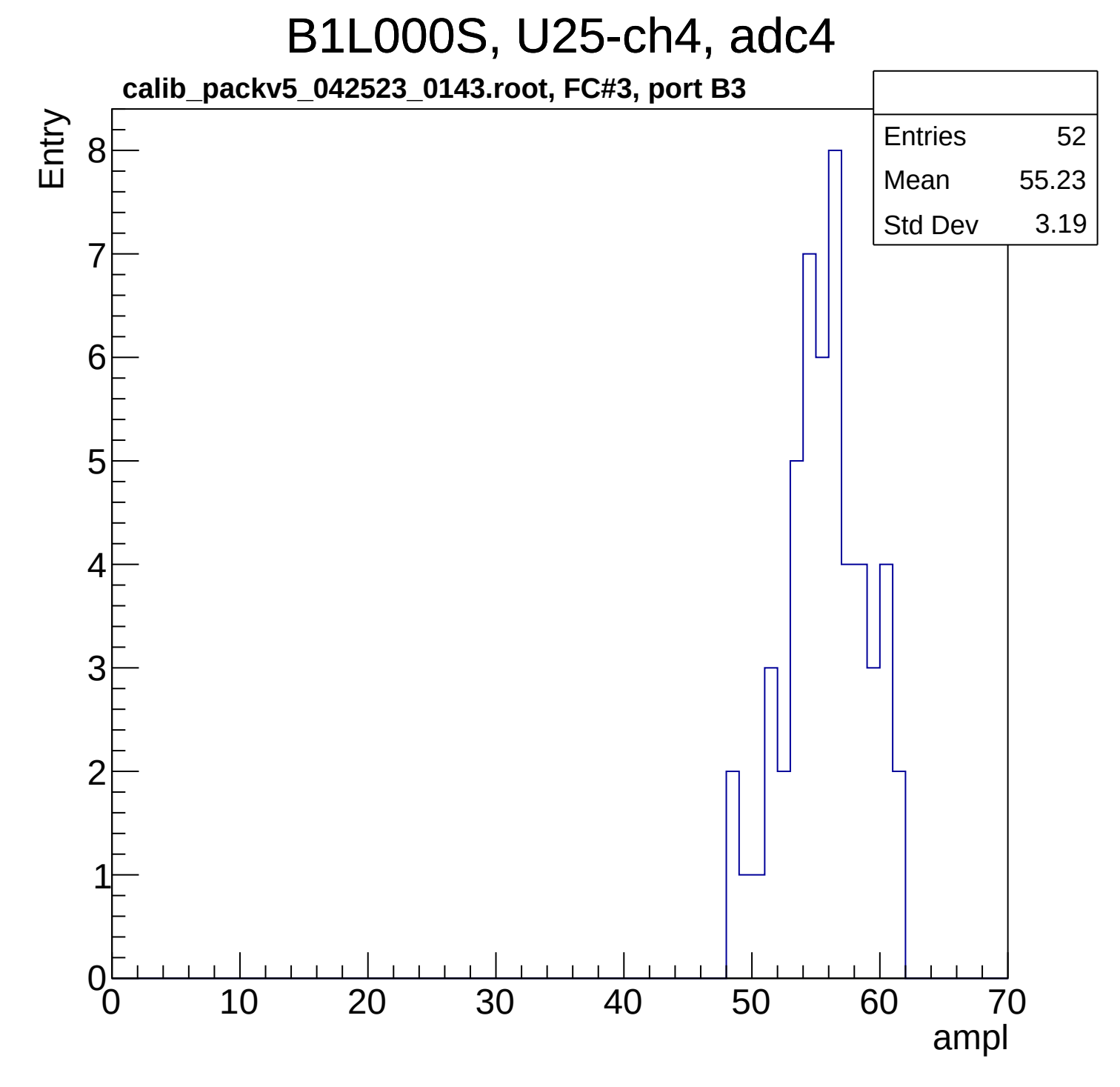
B1L000S, U25-ch4, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 55.23
Std Dev 3.19
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
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60
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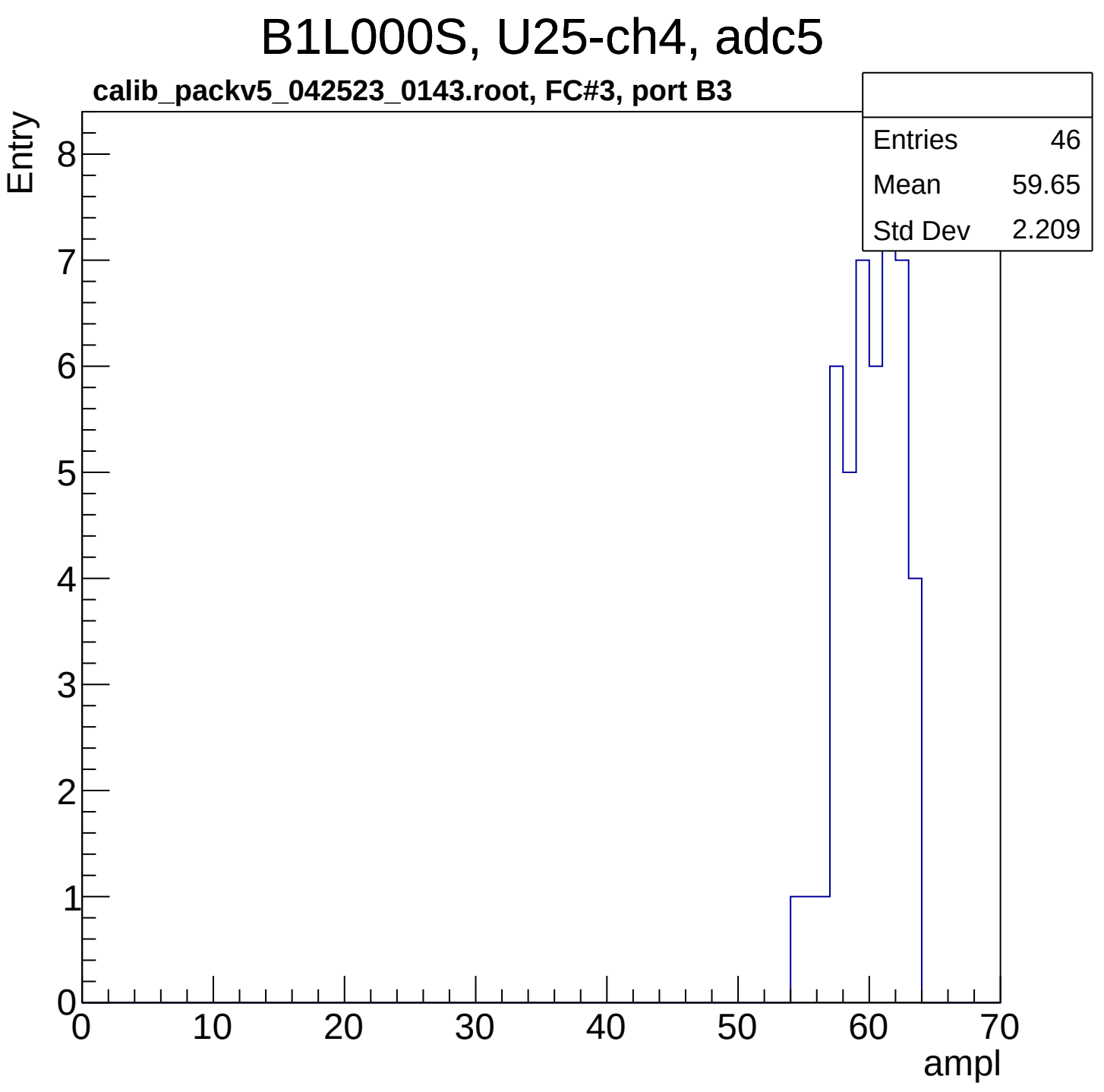
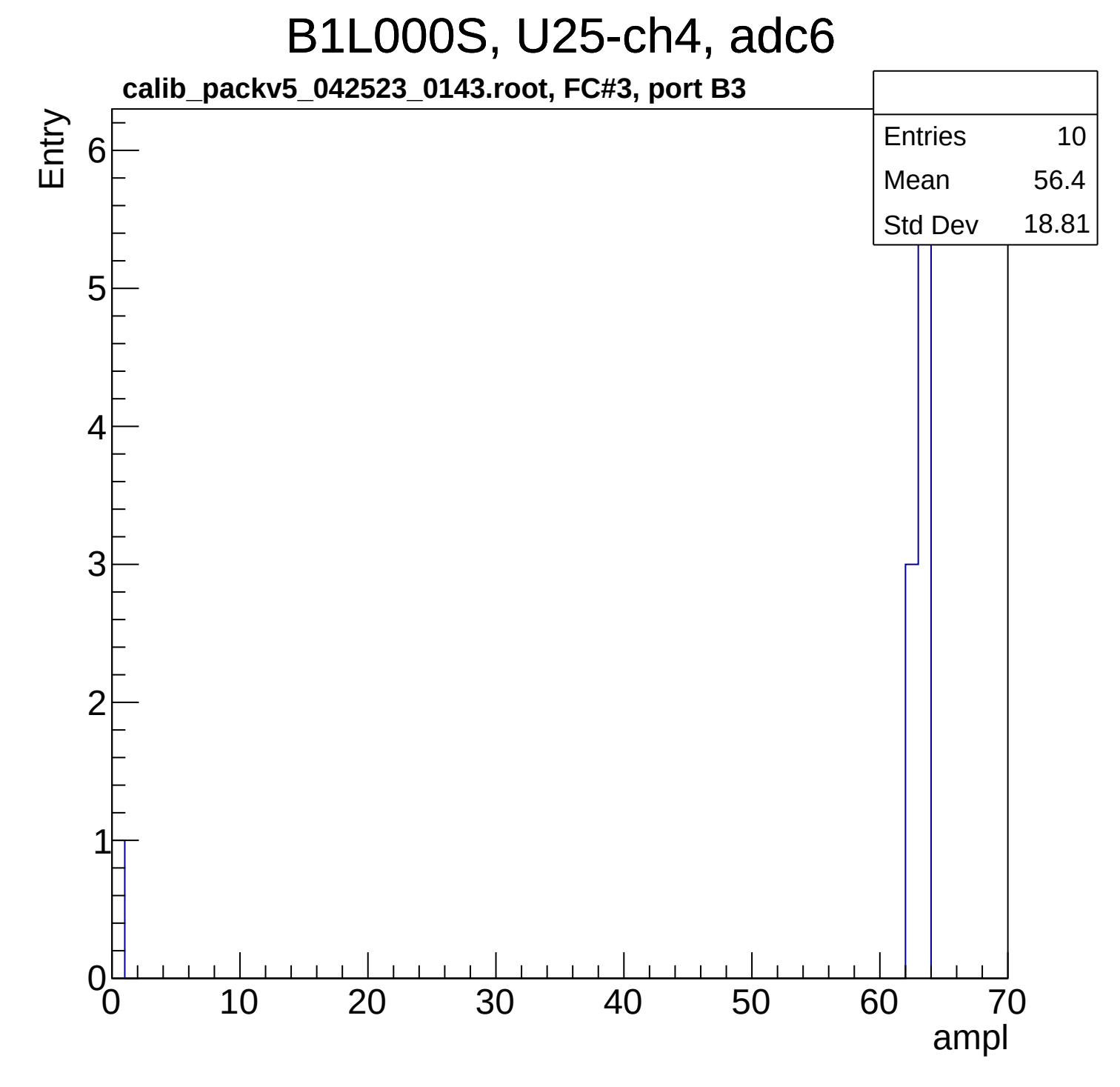
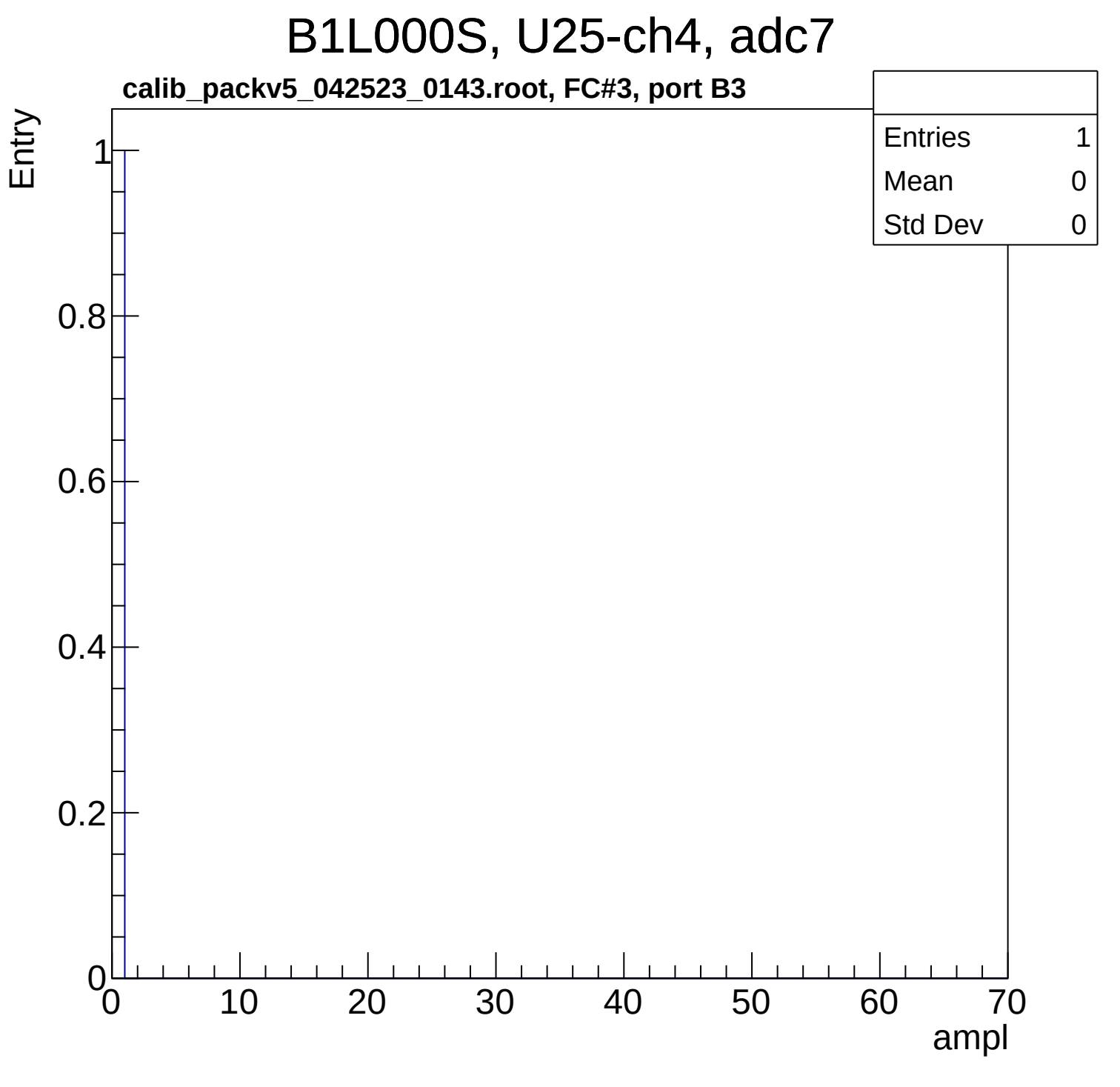
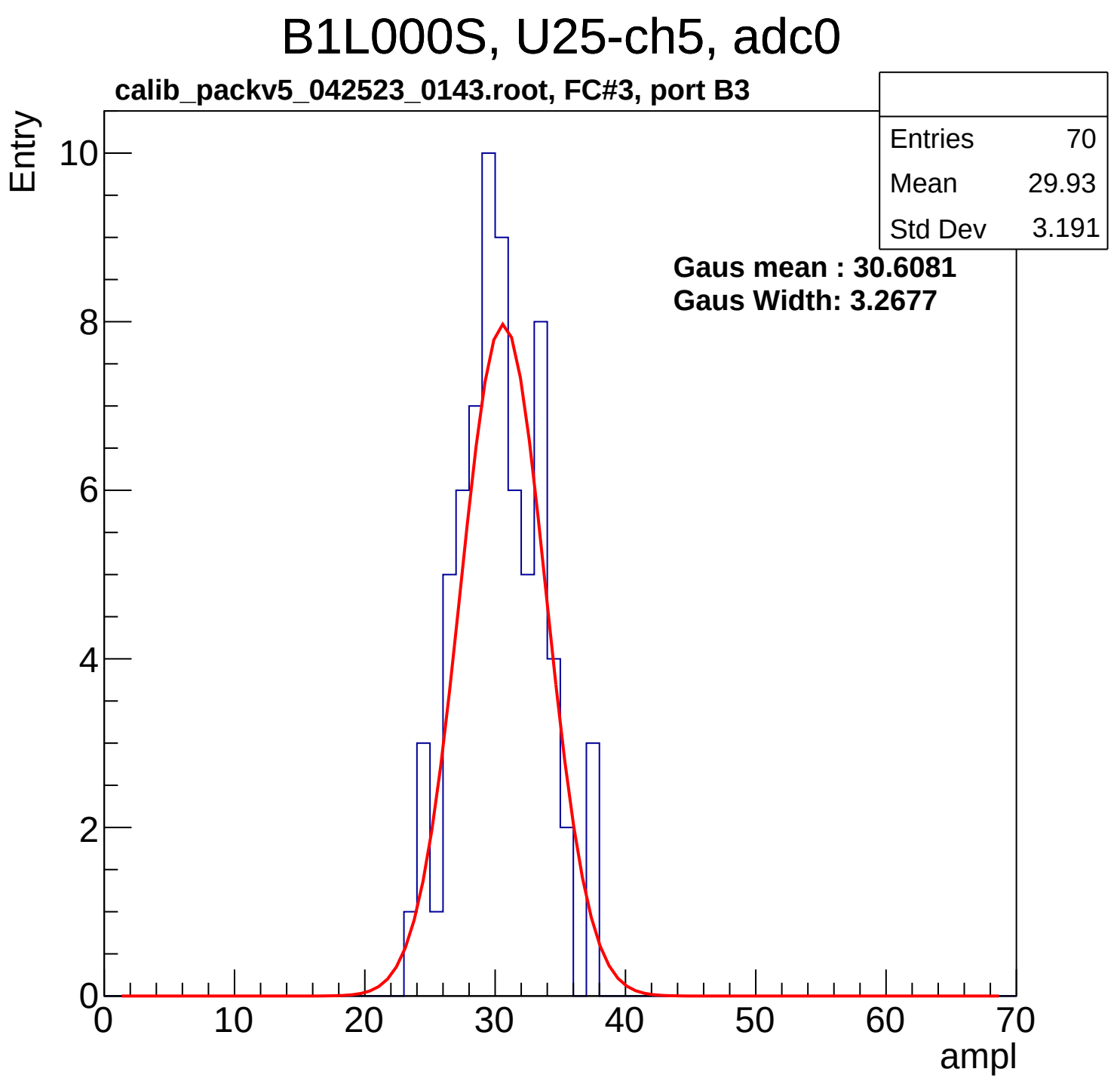
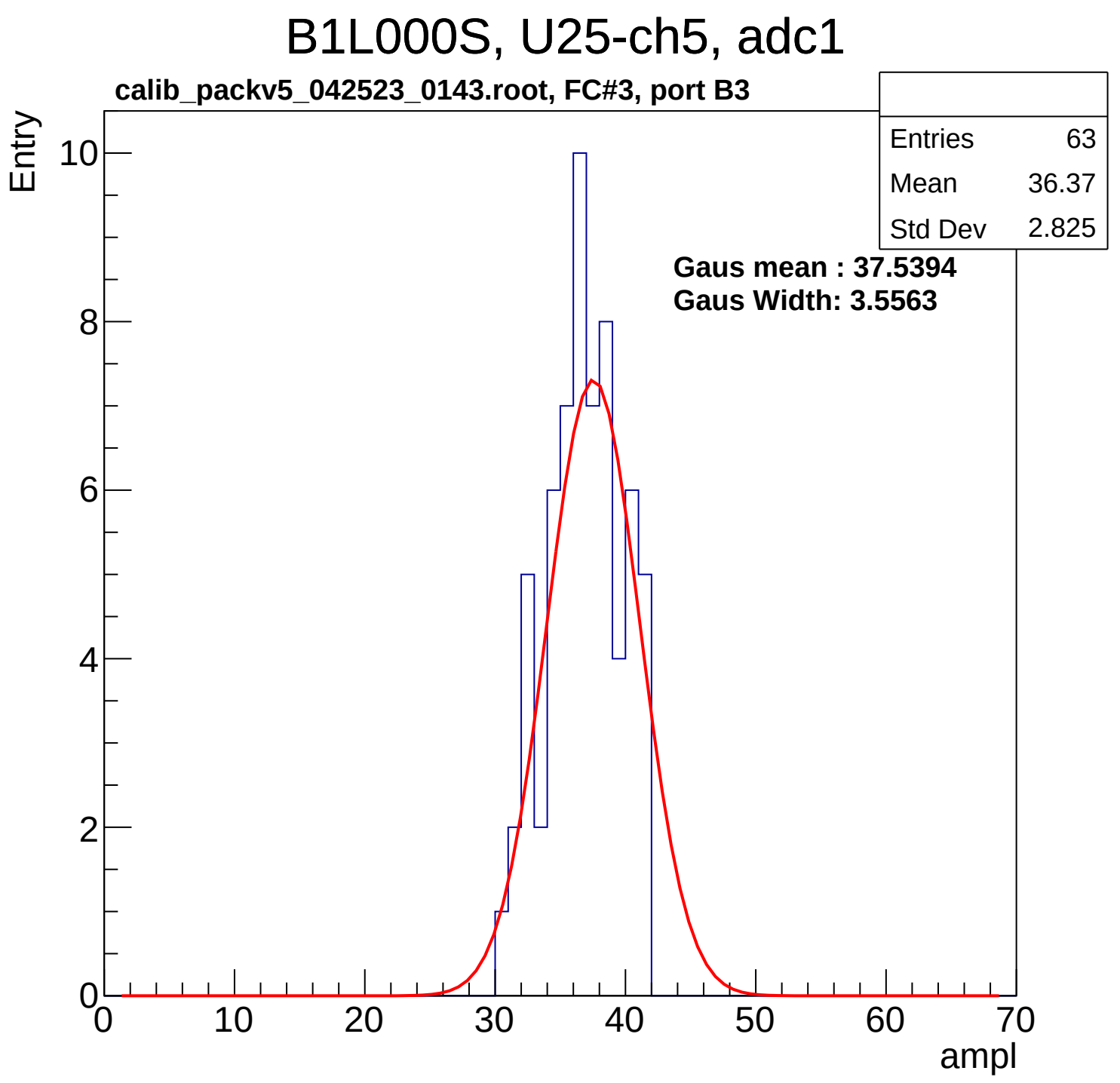
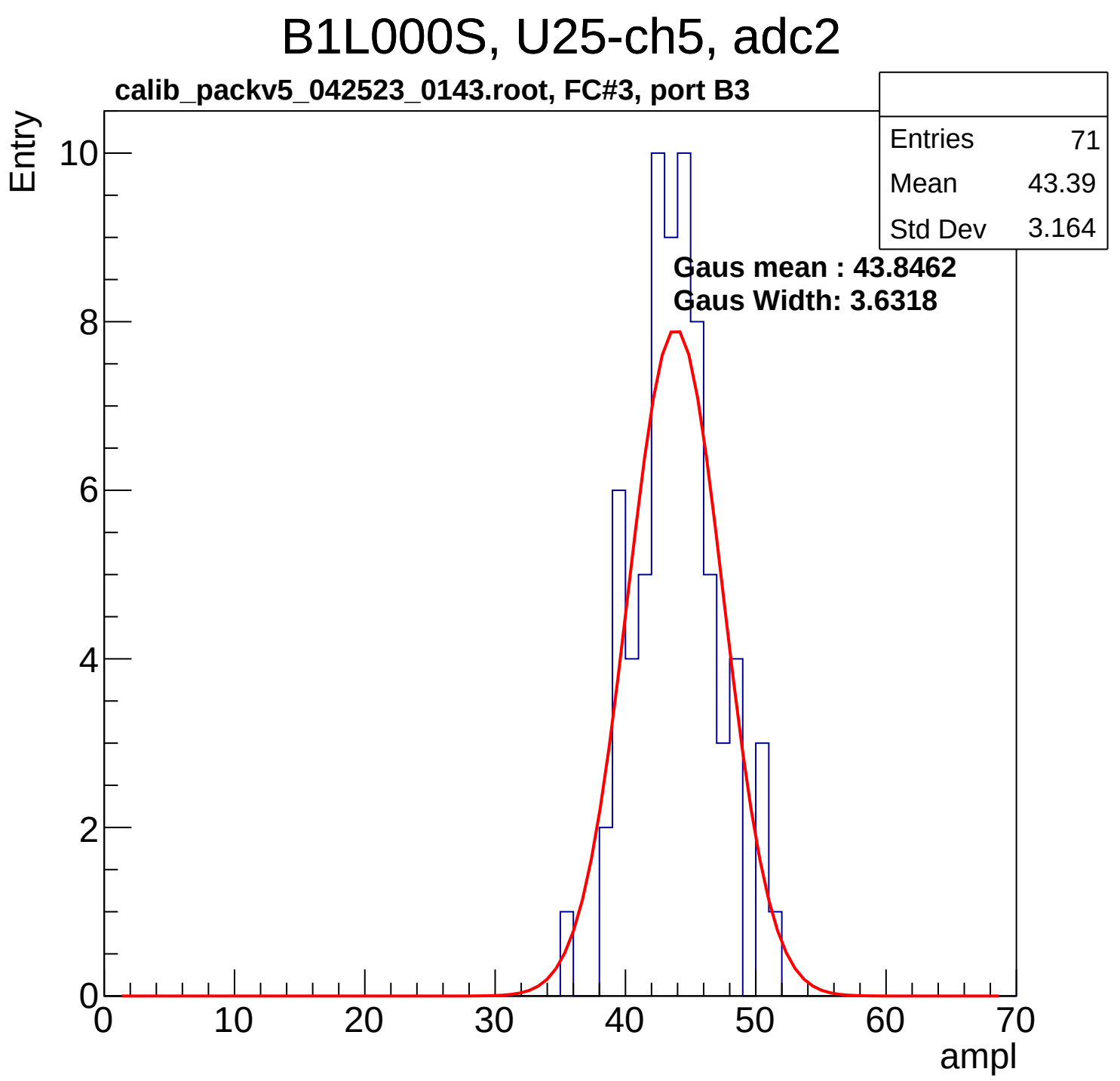

B1L000S, U25-ch4, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 59.65
Std Dev 2.209
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch4, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 10
Mean 56.4
Std Dev 18.81
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch4, 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, U25-ch5, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 29.93
Std Dev 3.191
Gaus mean : 30.6081
Gaus Width: 3.2677
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch5, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 36.37
Std Dev 2.825
Gaus mean : 37.5394
Gaus Width: 3.5563
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch5, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 43.39
Std Dev 3.164
Gaus mean : 43.8462
Gaus Width: 3.6318
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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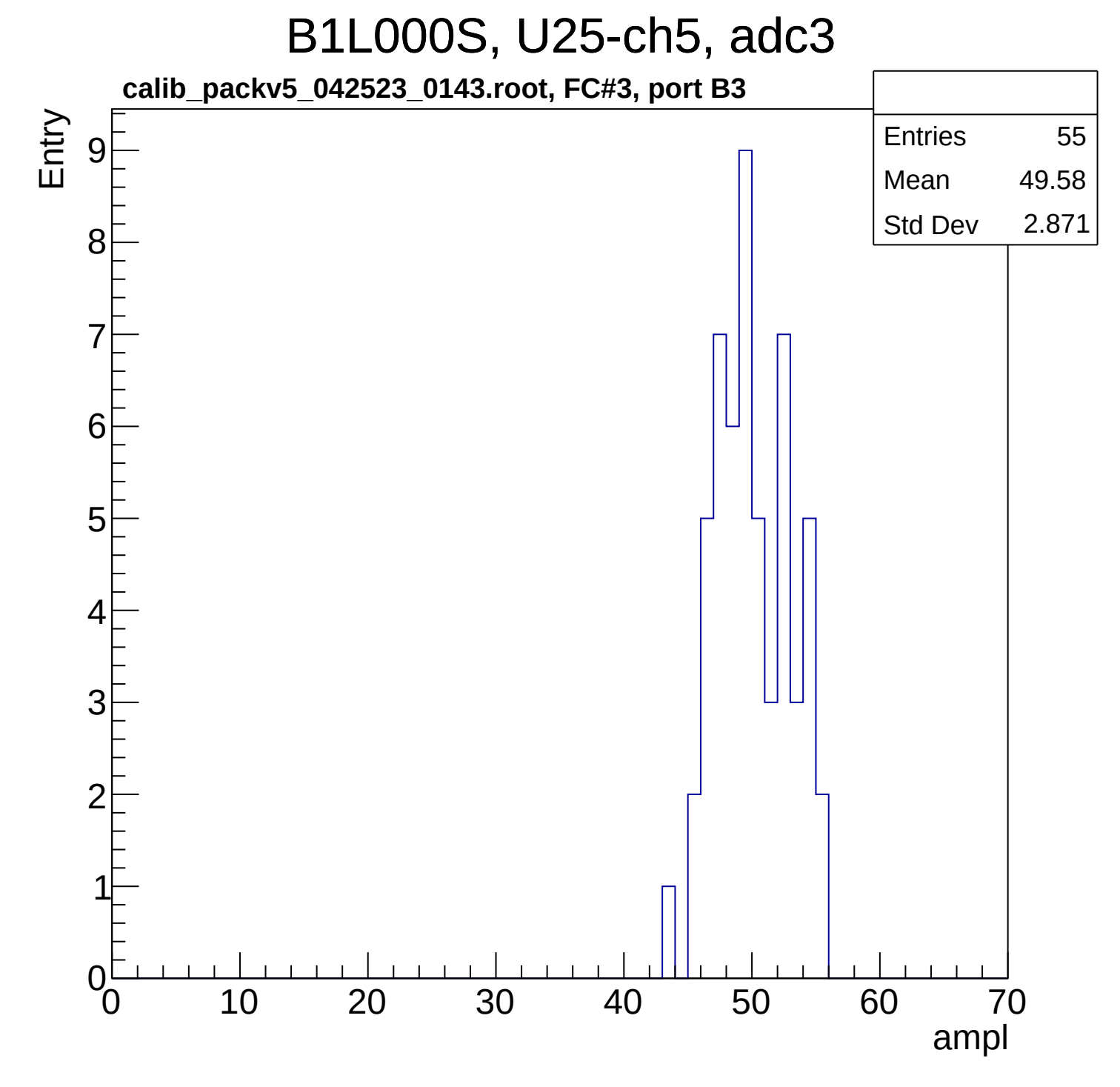
B1L000S, U25-ch5, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 49.58
Std Dev 2.871
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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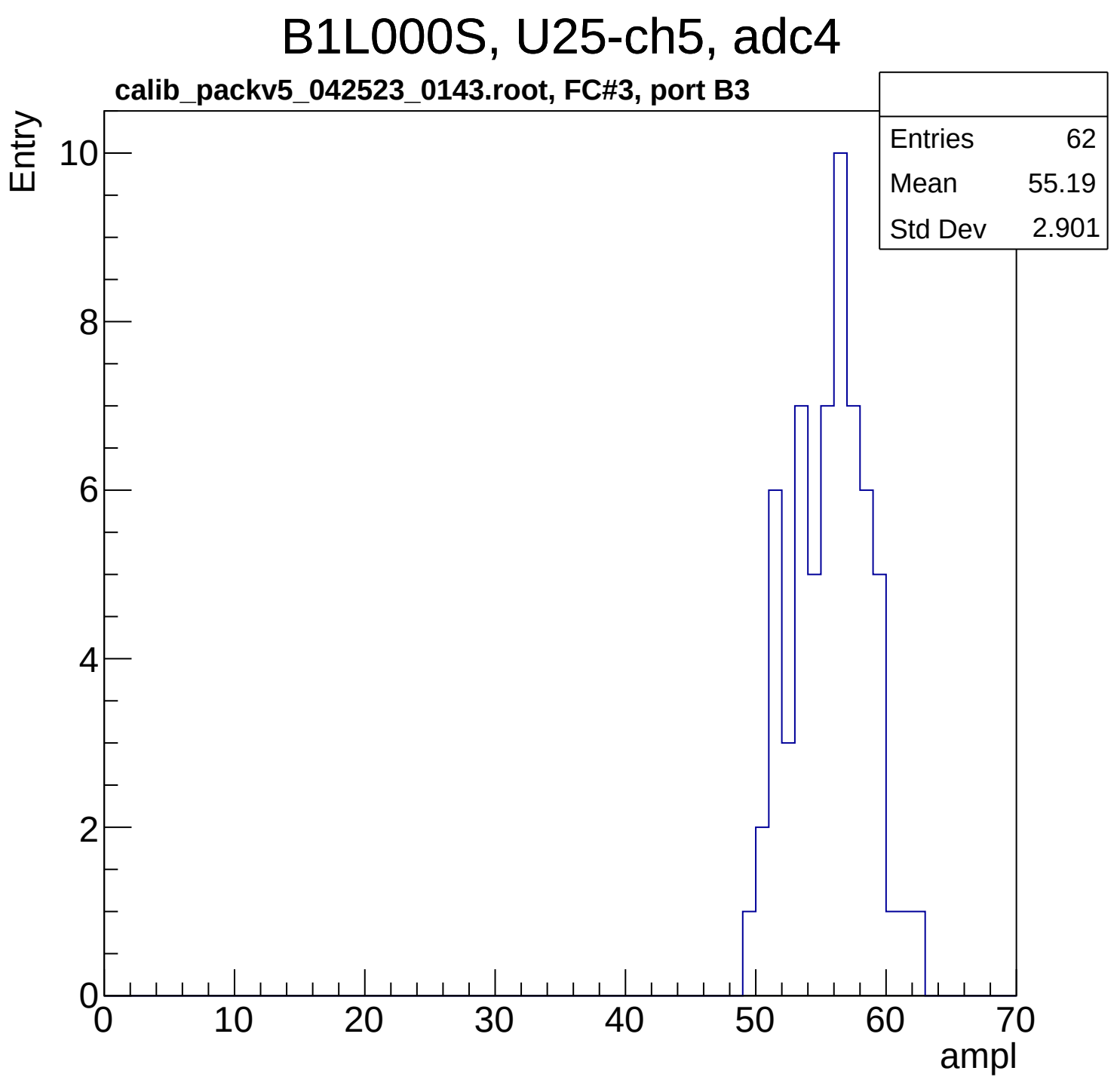
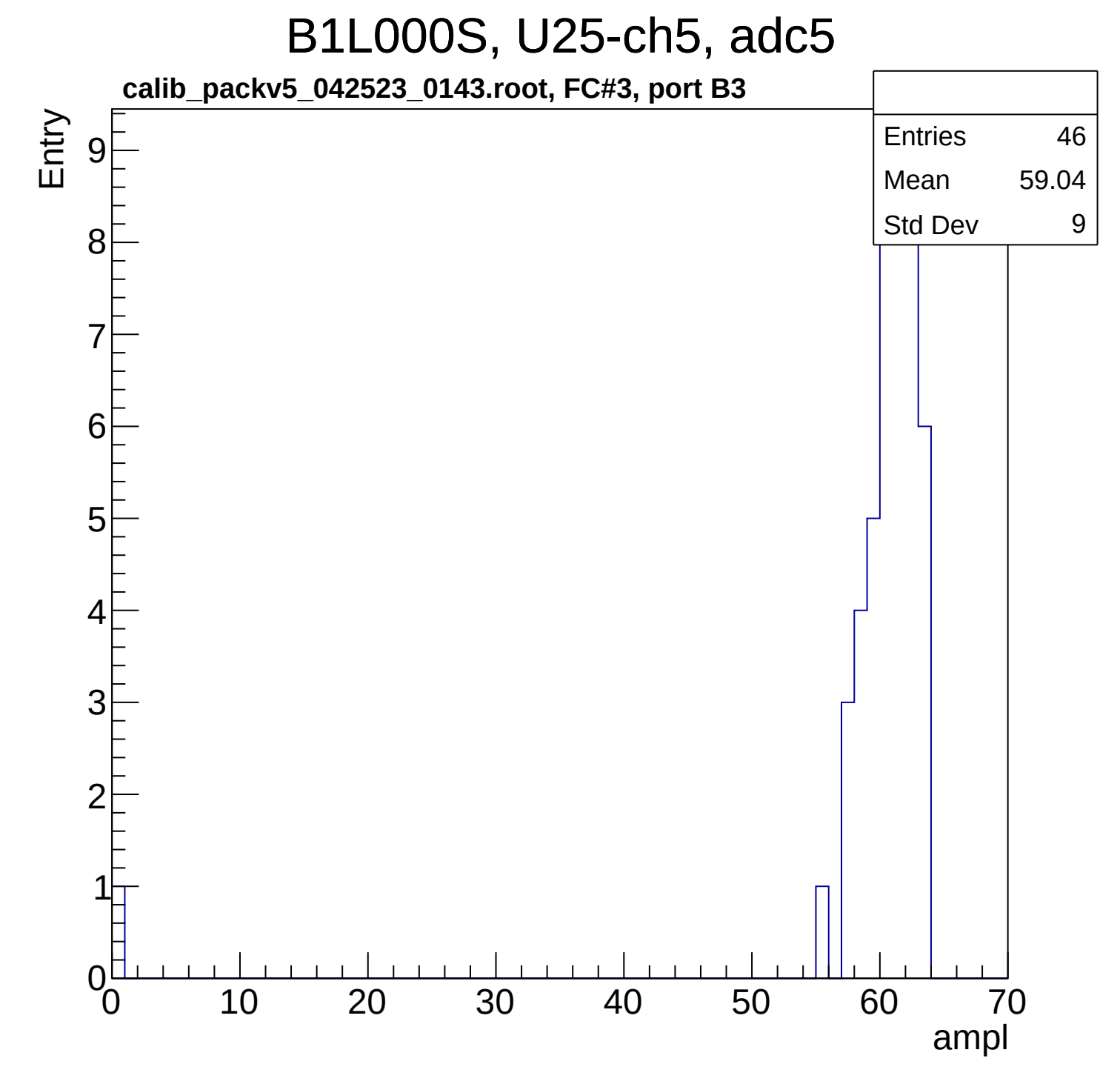

B1L000S, U25-ch5, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 55.19
Std Dev 2.901
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch5, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 59.04
Std Dev 9
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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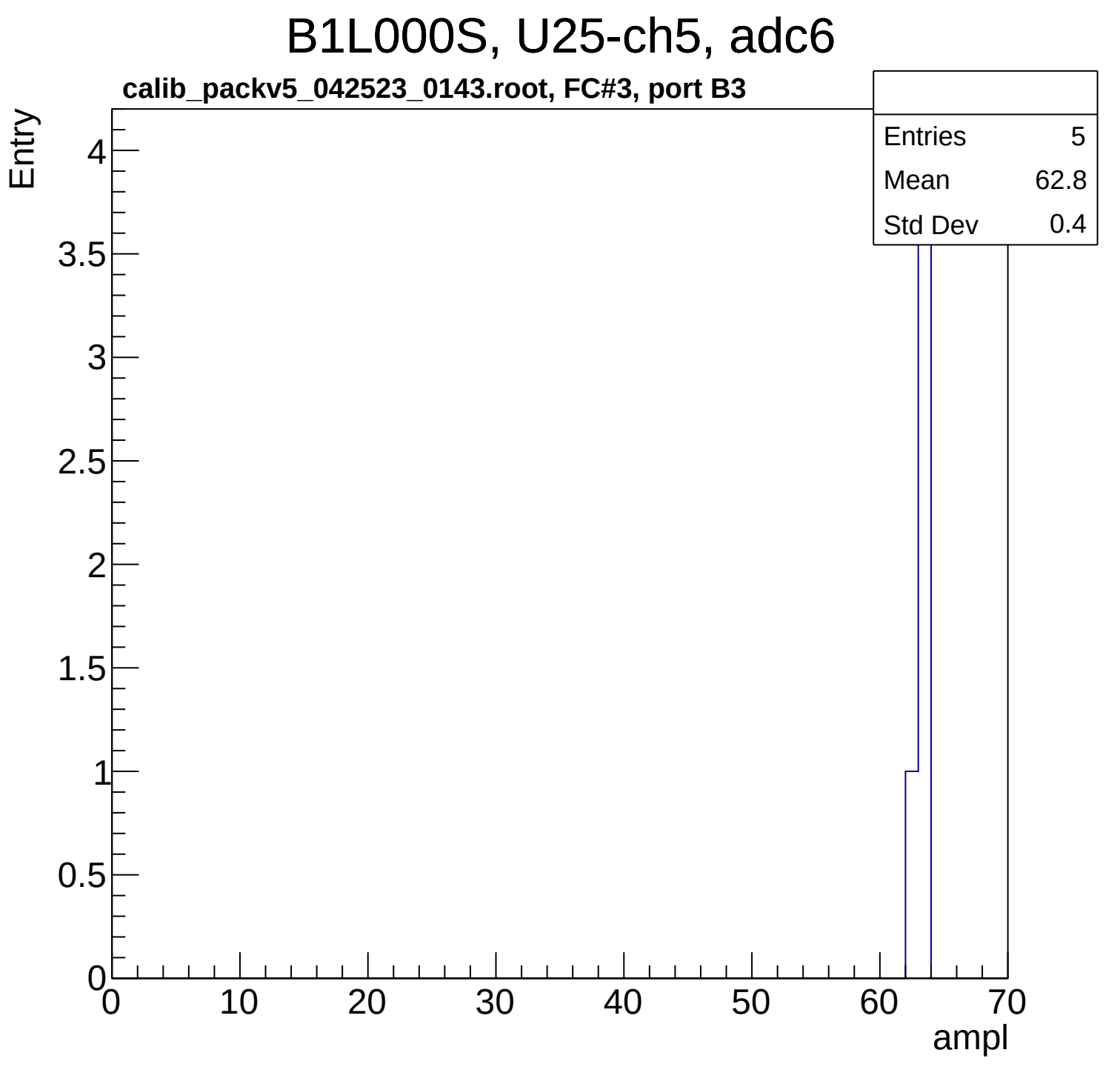
B1L000S, U25-ch5, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 62.8
Std Dev 0.4
Entry
ampl
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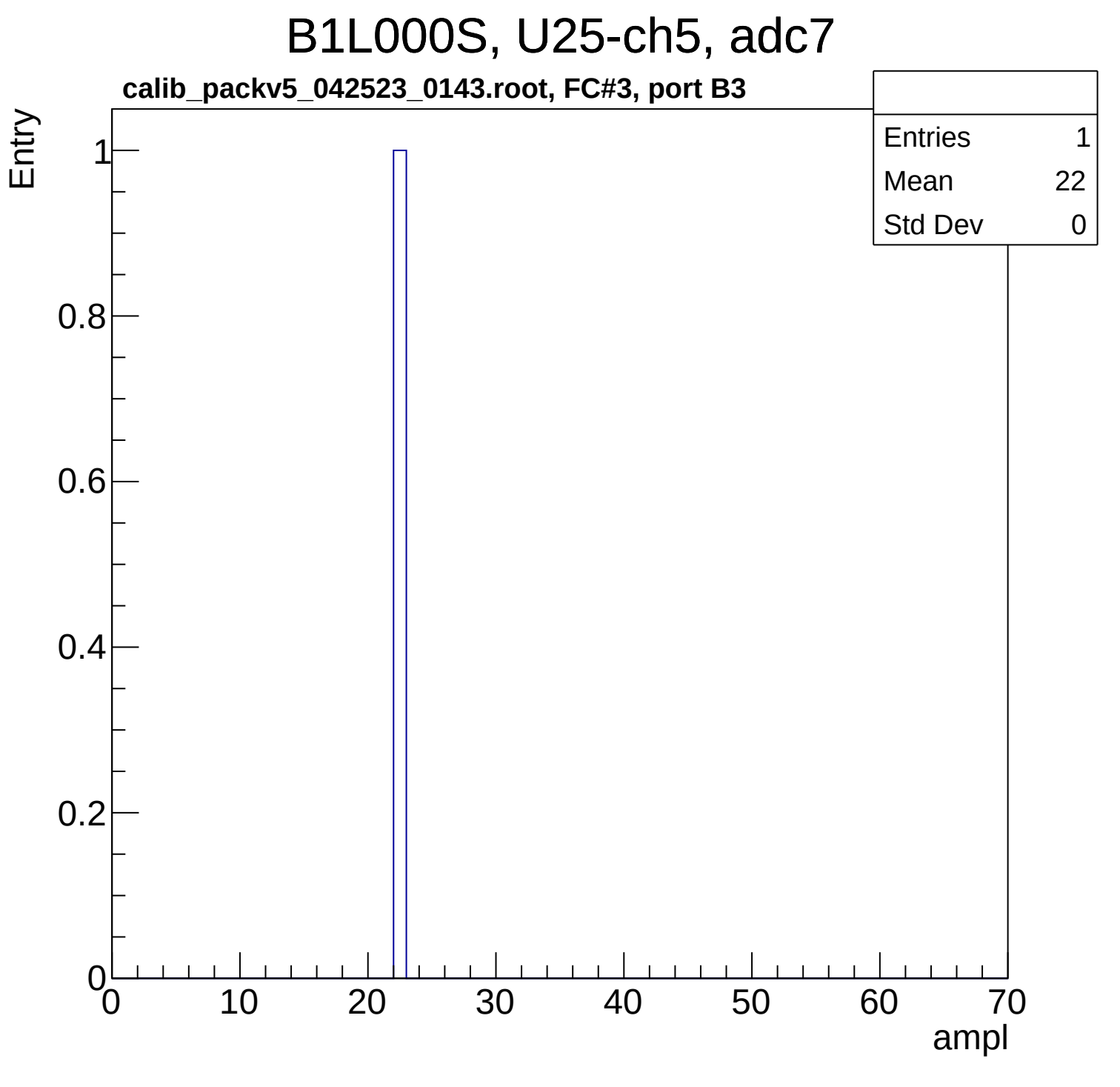
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U25-ch5, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 22
Std Dev 0
Entry
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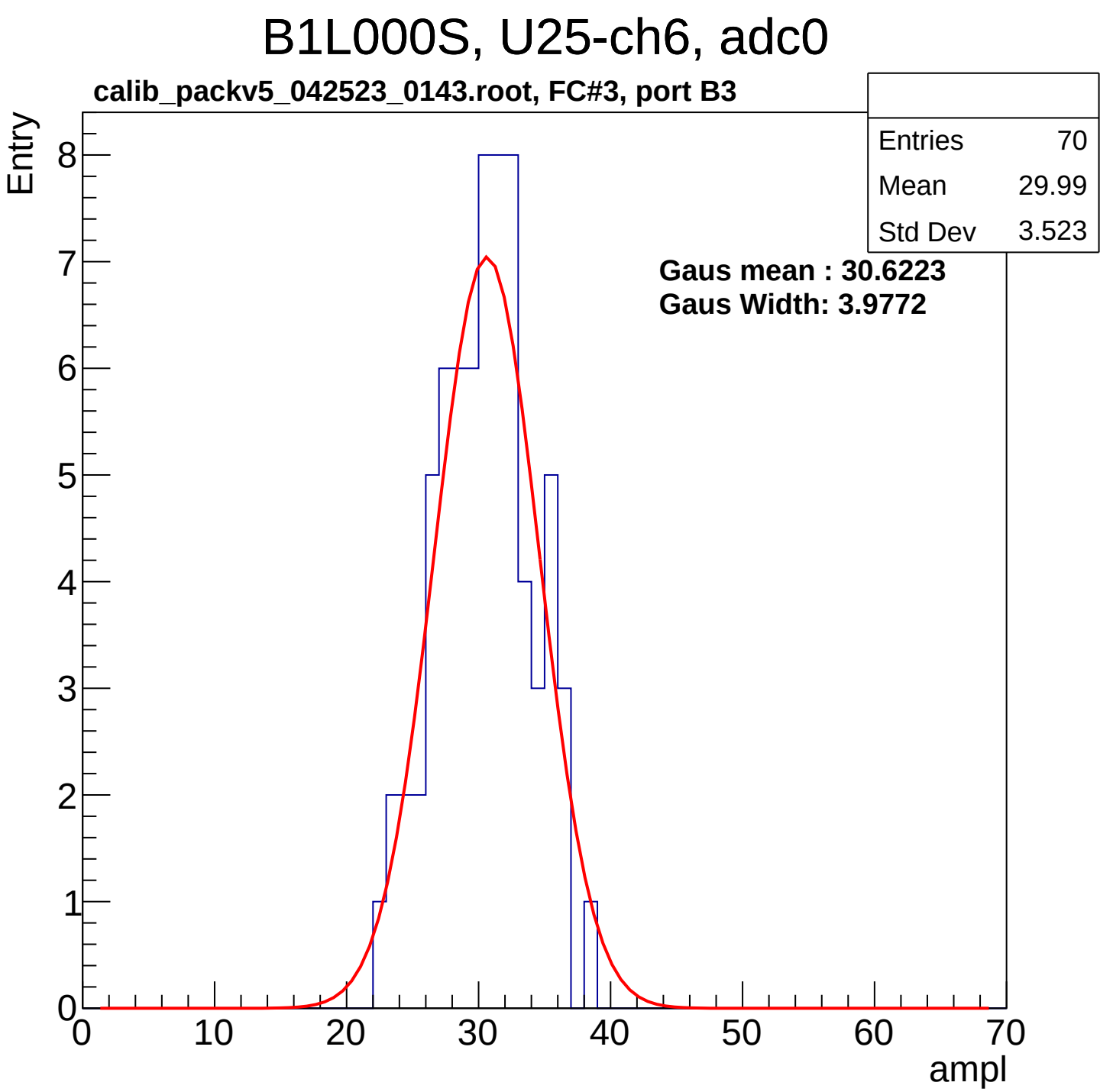
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch6, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 29.99
Std Dev 3.523
Gaus mean : 30.6223
Gaus Width: 3.9772
Entry
ampl
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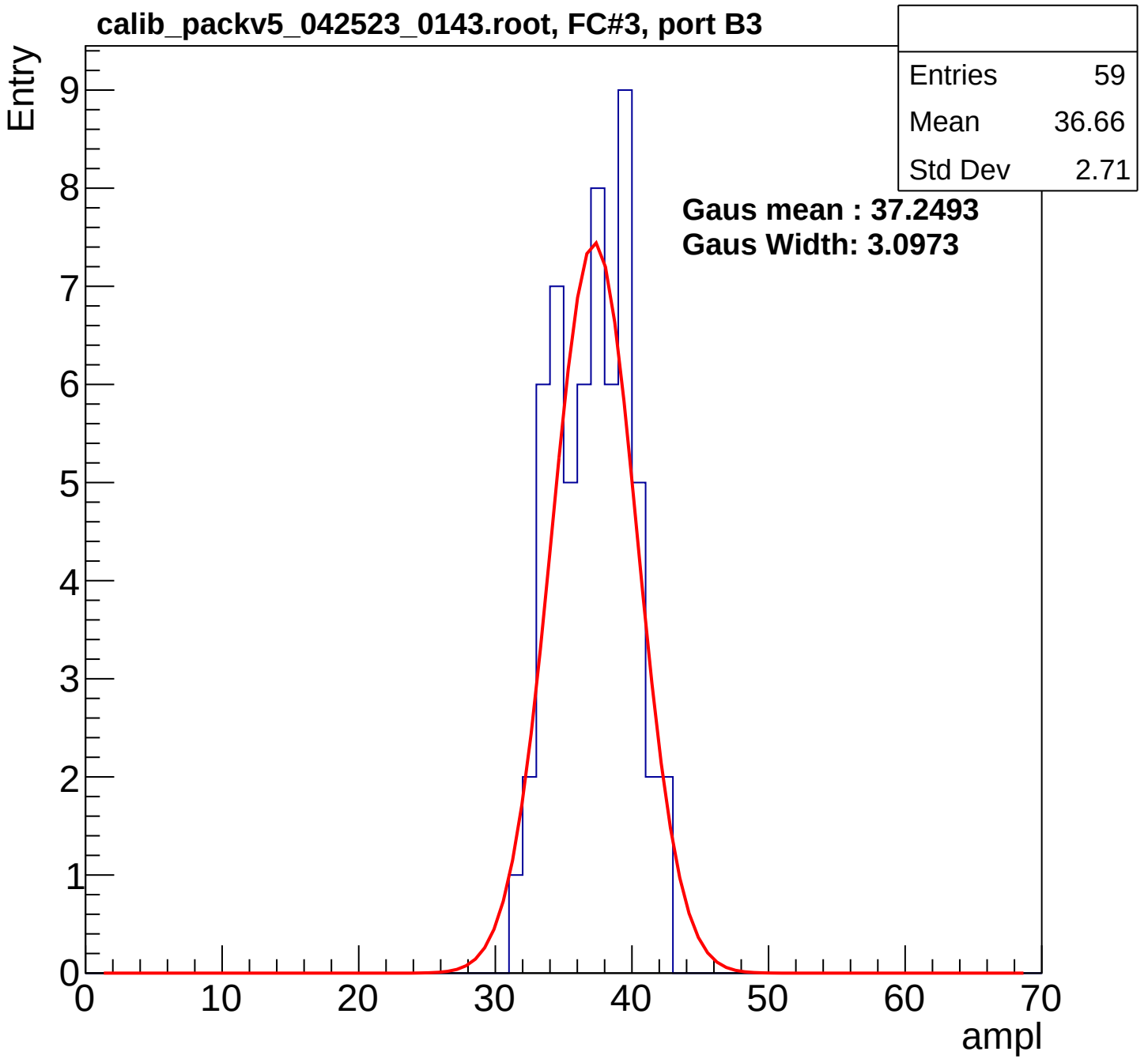
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch6, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 36.66
Std Dev 2.71
Gaus mean : 37.2493
Gaus Width: 3.0973
Entry
ampl
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2
3
4
5
6
7
8
9
0
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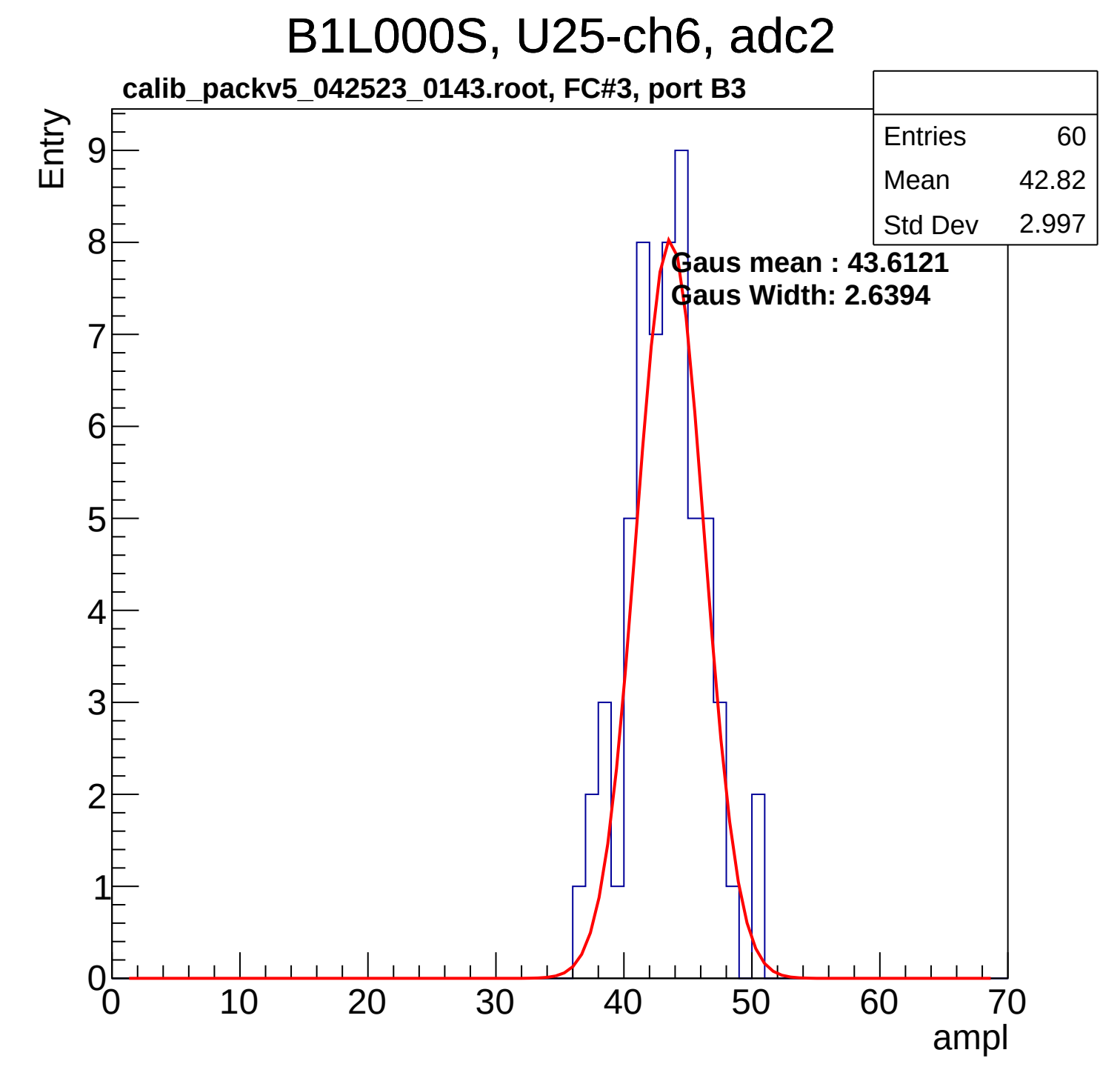
20
30
40
50
60
70


B1L000S, U25-ch6, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 42.82
Std Dev 2.997
Gaus mean : 43.6121
Gaus Width: 2.6394
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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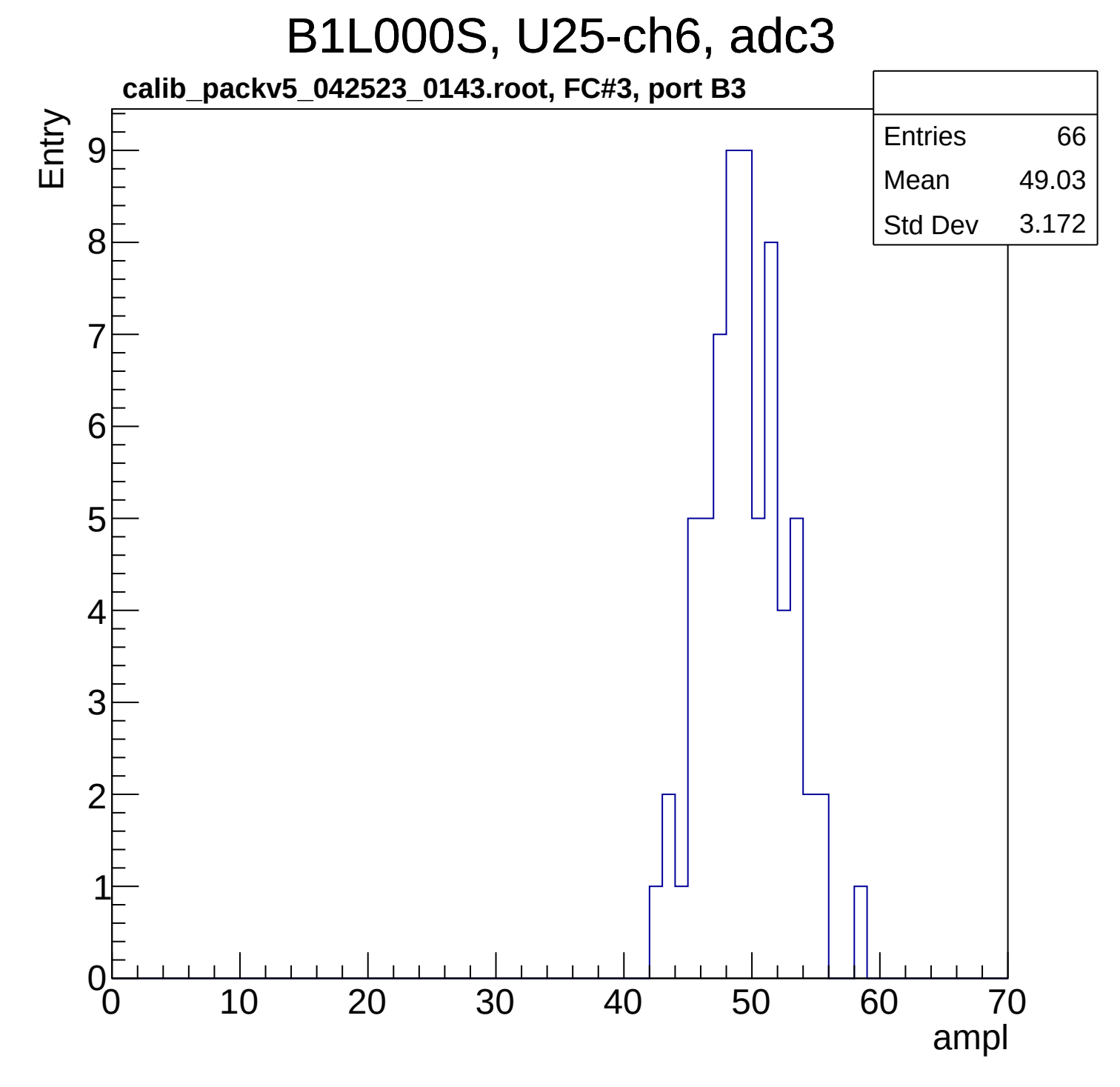
B1L000S, U25-ch6, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 49.03
Std Dev 3.172
Entry
ampl
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5
6
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0
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60
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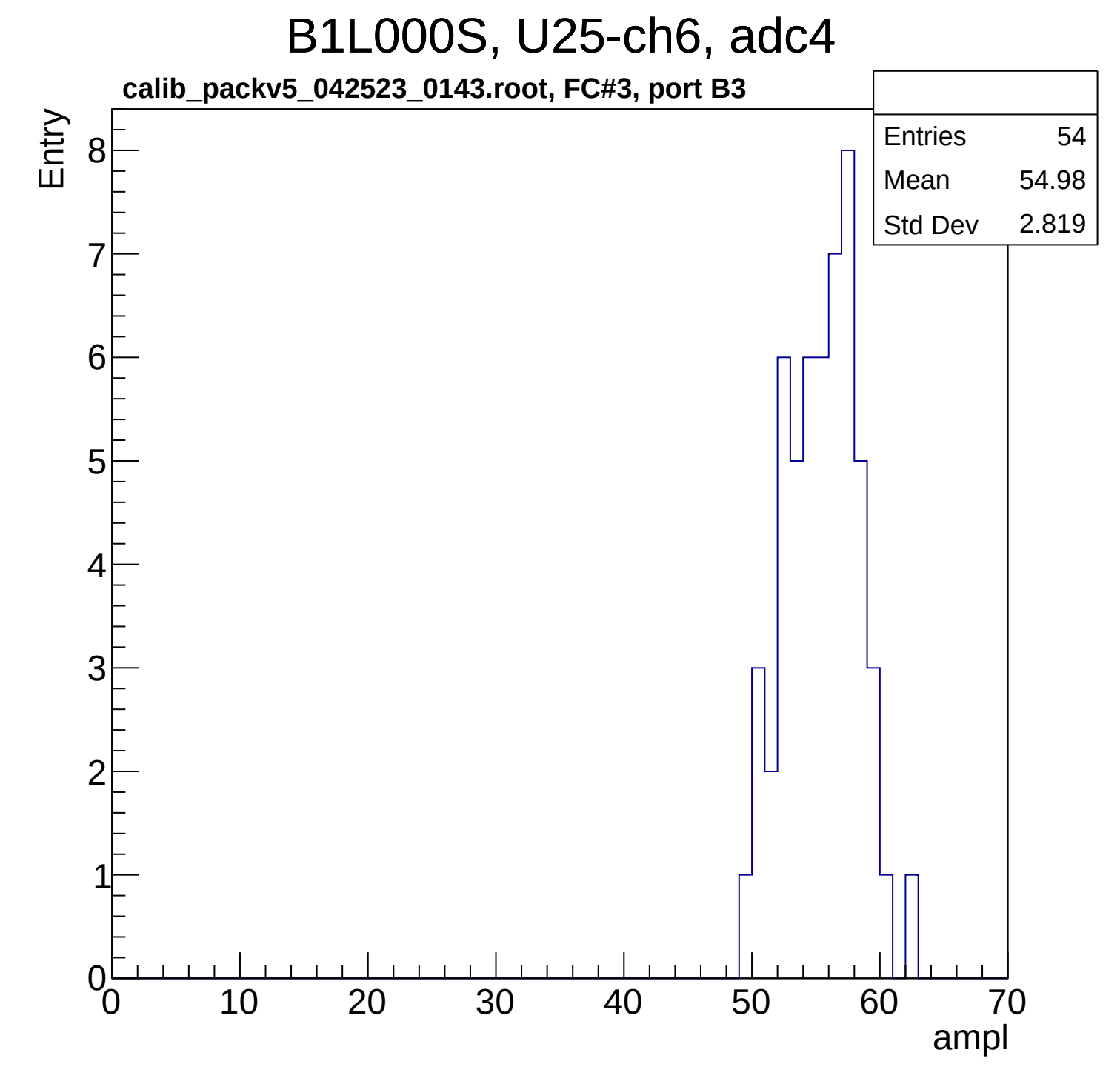
B1L000S, U25-ch6, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 54.98
Std Dev 2.819
Entry
ampl
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3
4
5
6
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0
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20
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40
50
60
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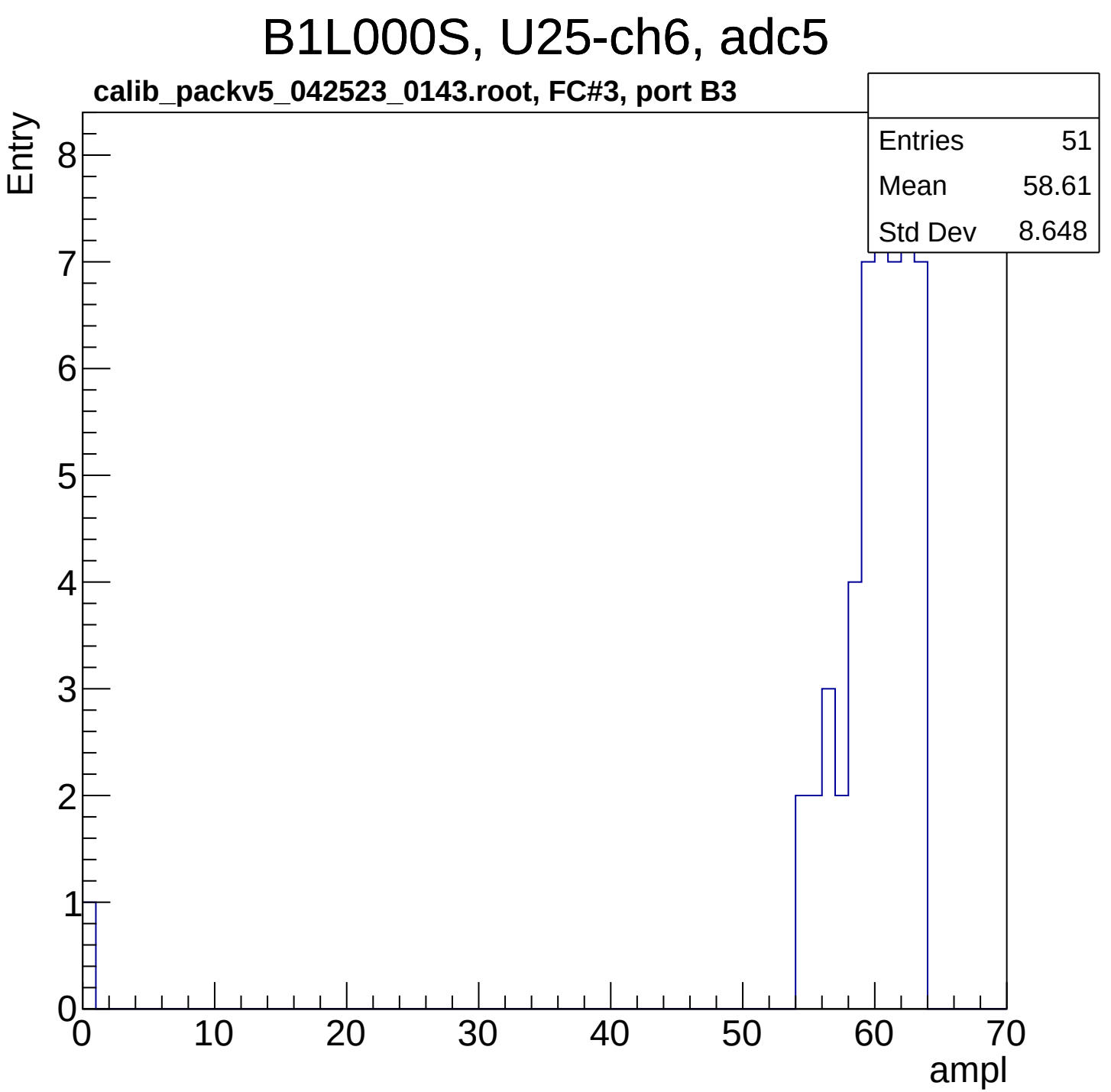
B1L000S, U25-ch6, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 58.61
Std Dev 8.648
Entry
ampl
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0
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60
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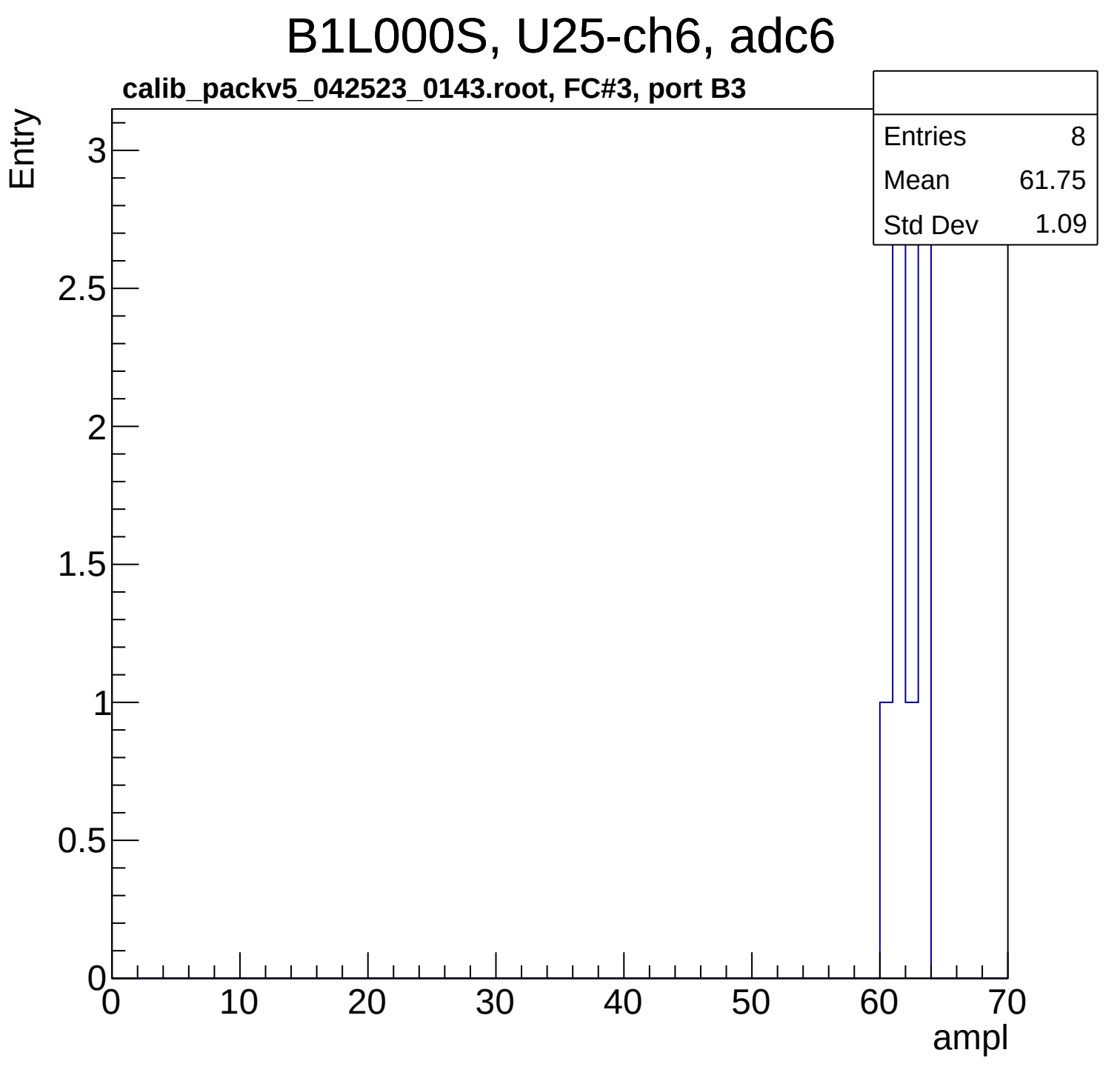
B1L000S, U25-ch6, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 61.75
Std Dev 1.09
Entry
ampl
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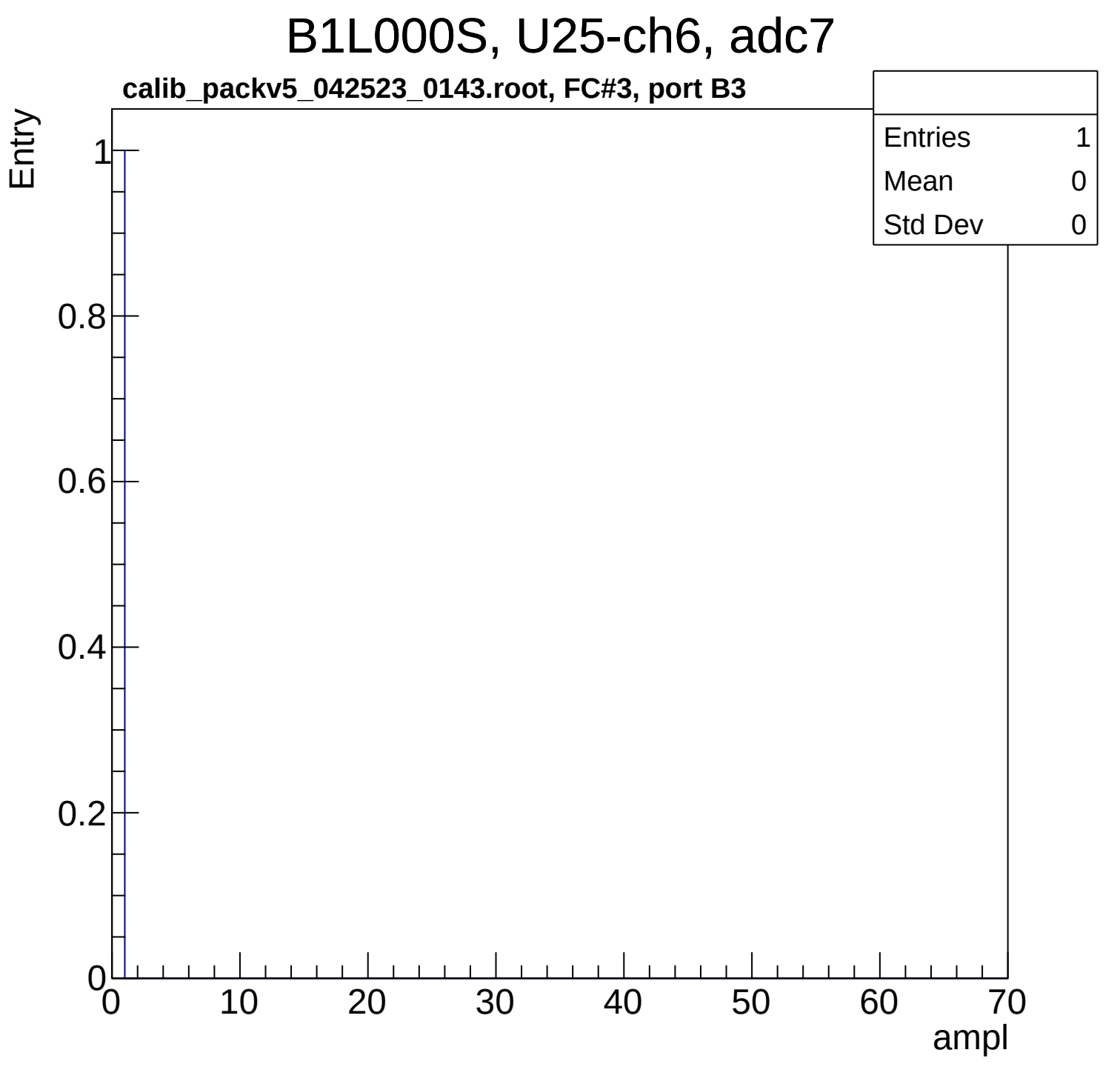
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U25-ch6, 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
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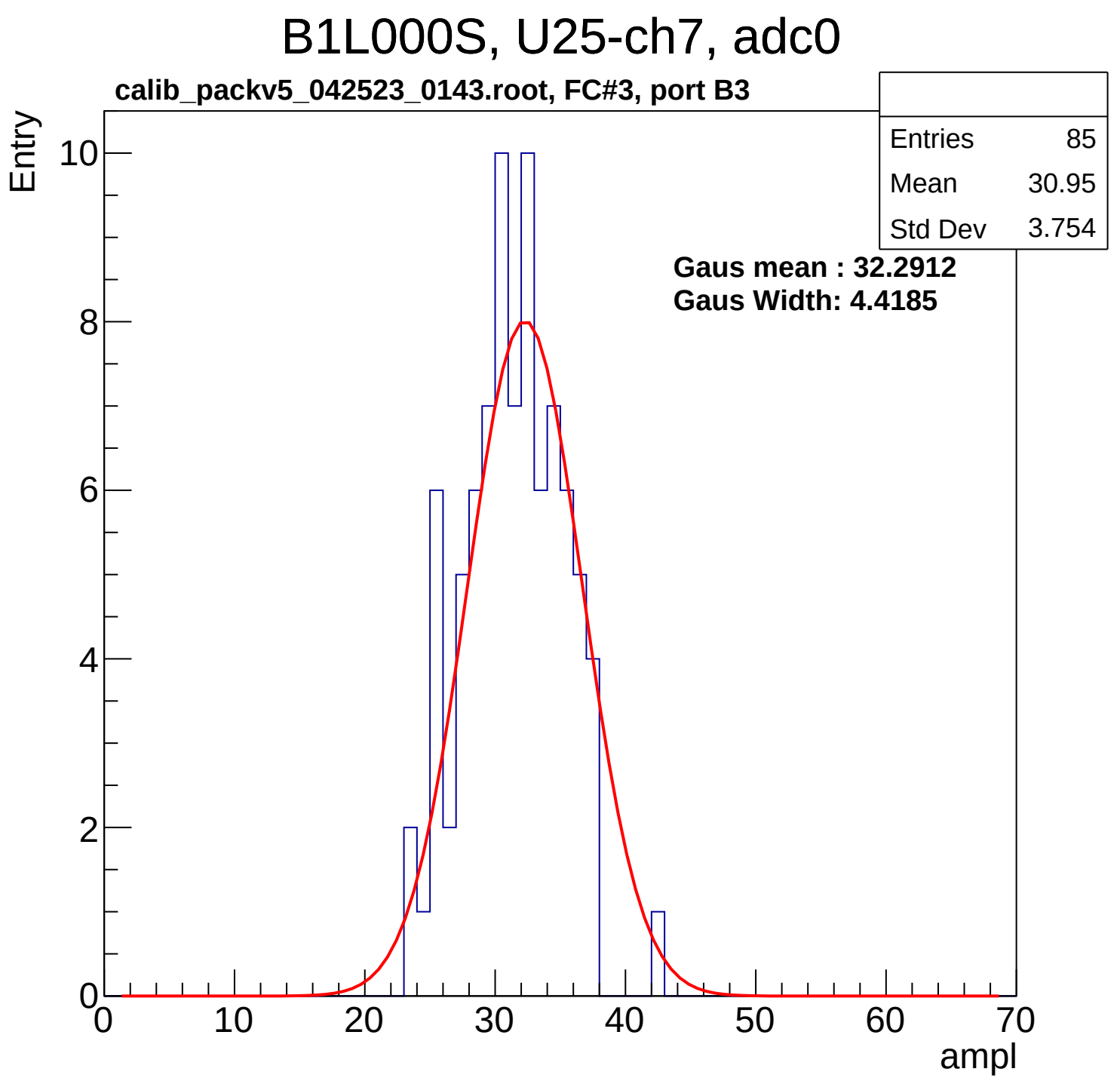
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch7, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 85
Mean 30.95
Std Dev 3.754
Gaus mean : 32.2912
Gaus Width: 4.4185
Entry
ampl
0
2
4
6
8
10
0
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20
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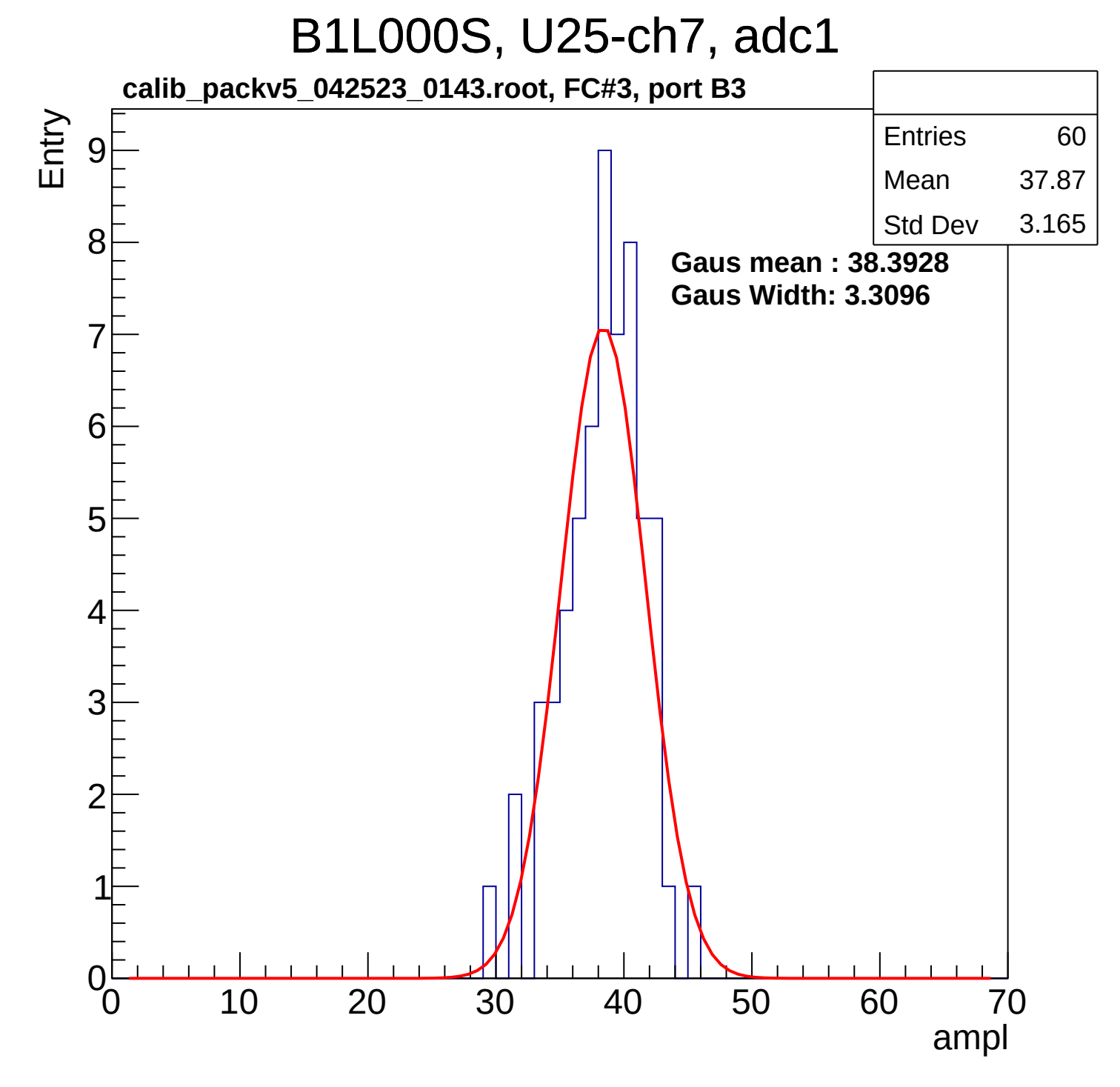
40
50
60
70


B1L000S, U25-ch7, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 37.87
Std Dev 3.165
Gaus mean : 38.3928
Gaus Width: 3.3096
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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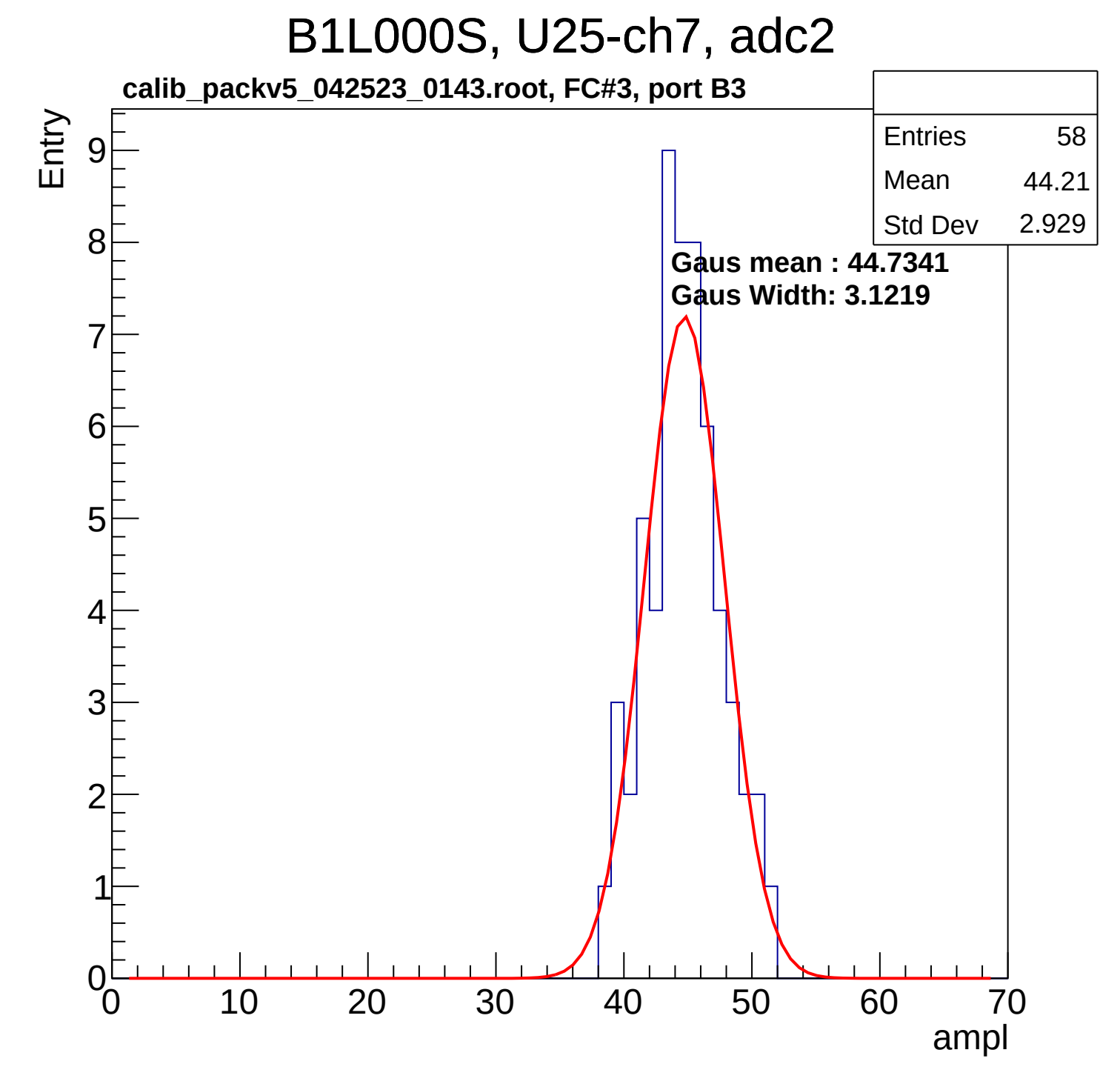
B1L000S, U25-ch7, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 44.21
Std Dev 2.929
Gaus mean : 44.7341
Gaus Width: 3.1219
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
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60
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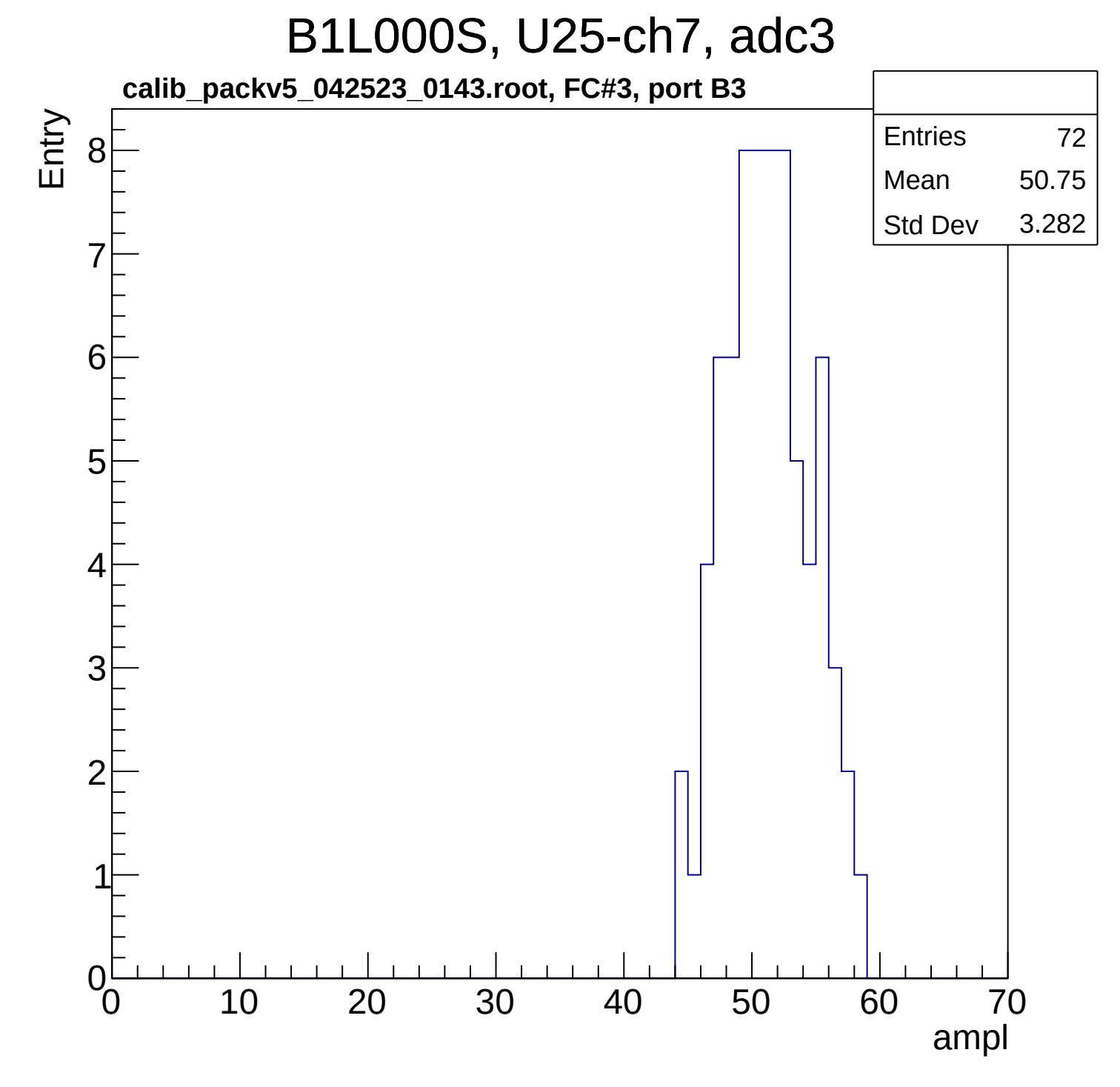
B1L000S, U25-ch7, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 50.75
Std Dev 3.282
Entry
ampl
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3
4
5
6
7
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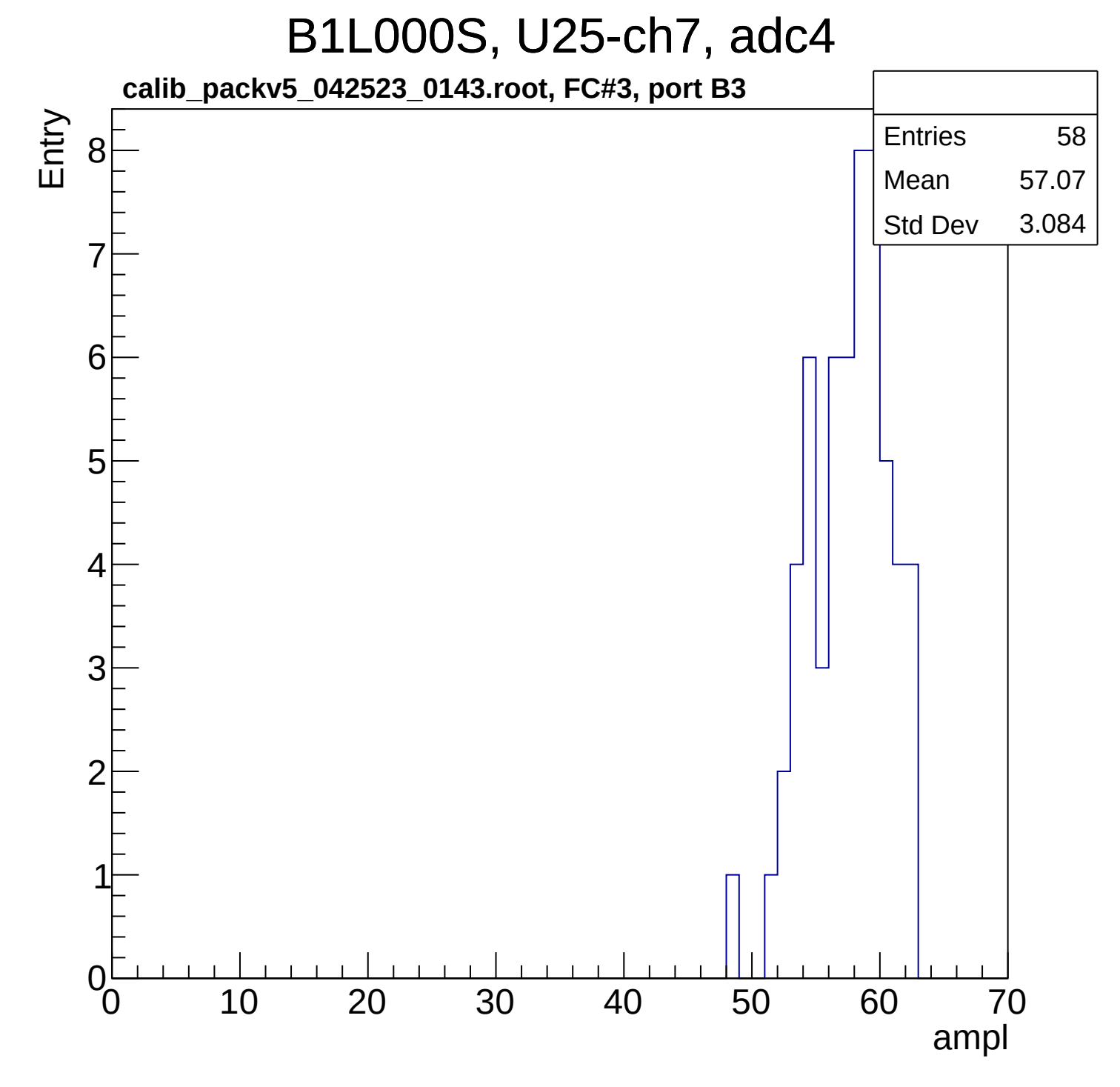
B1L000S, U25-ch7, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 57.07
Std Dev 3.084
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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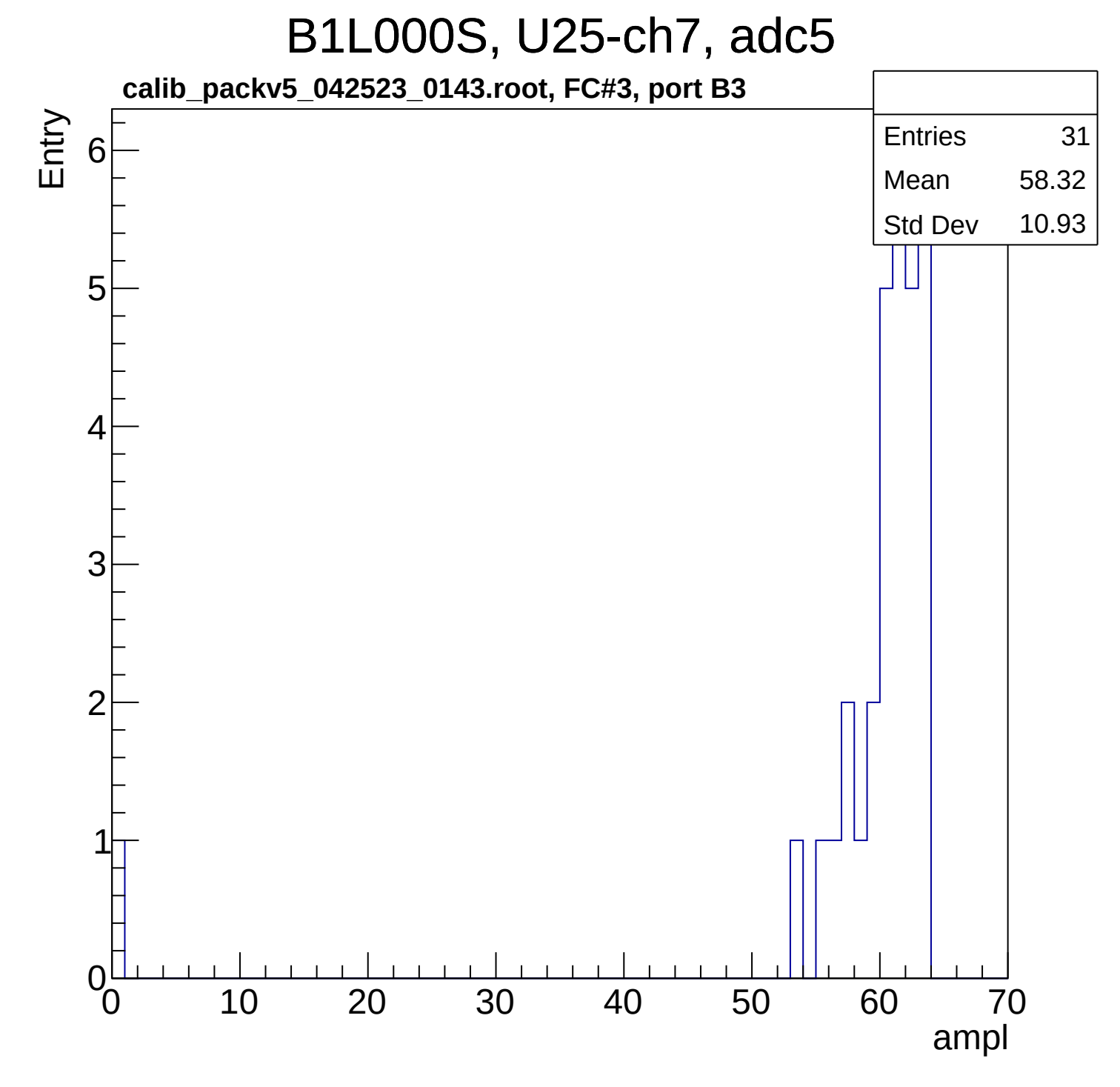
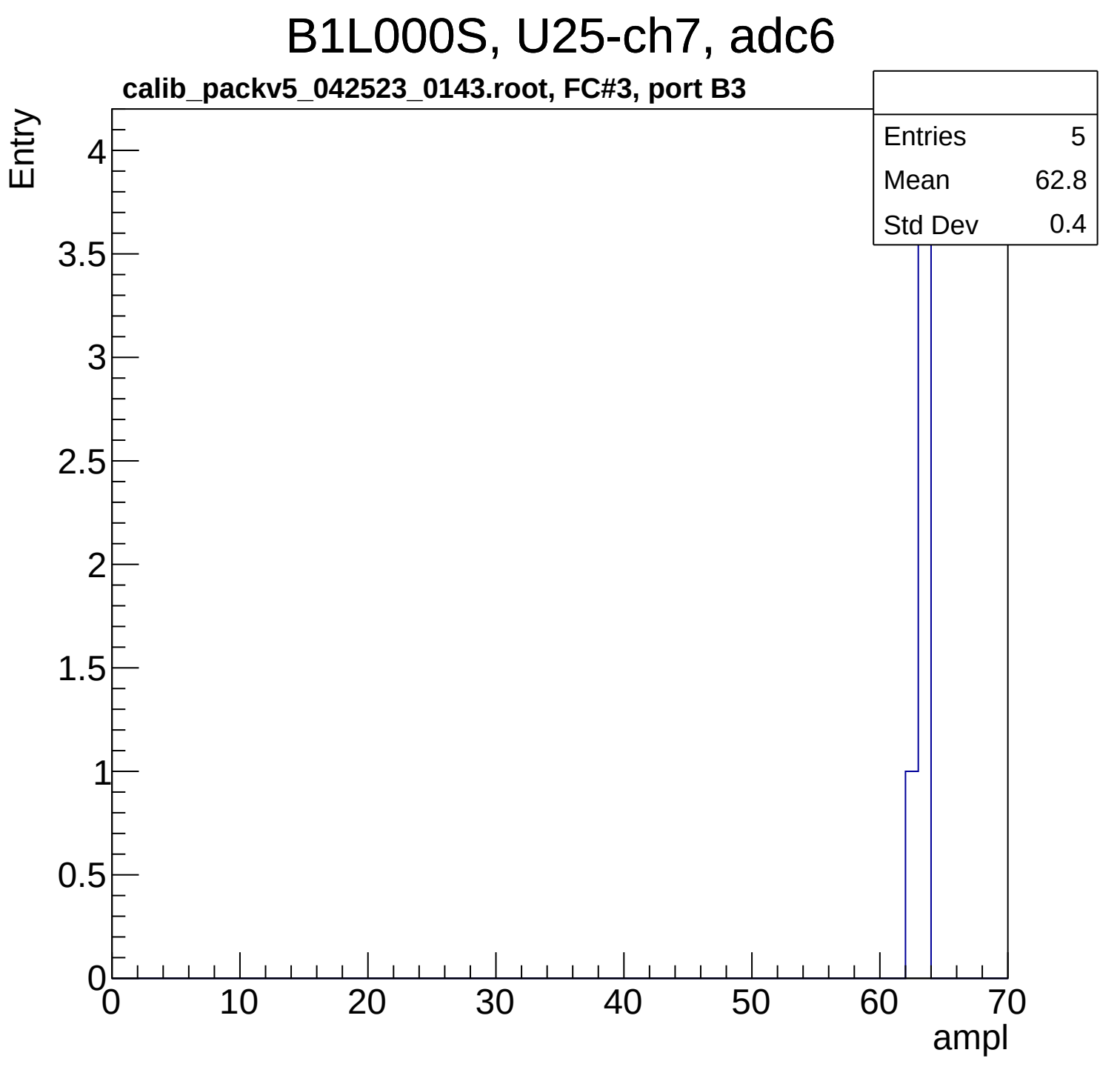
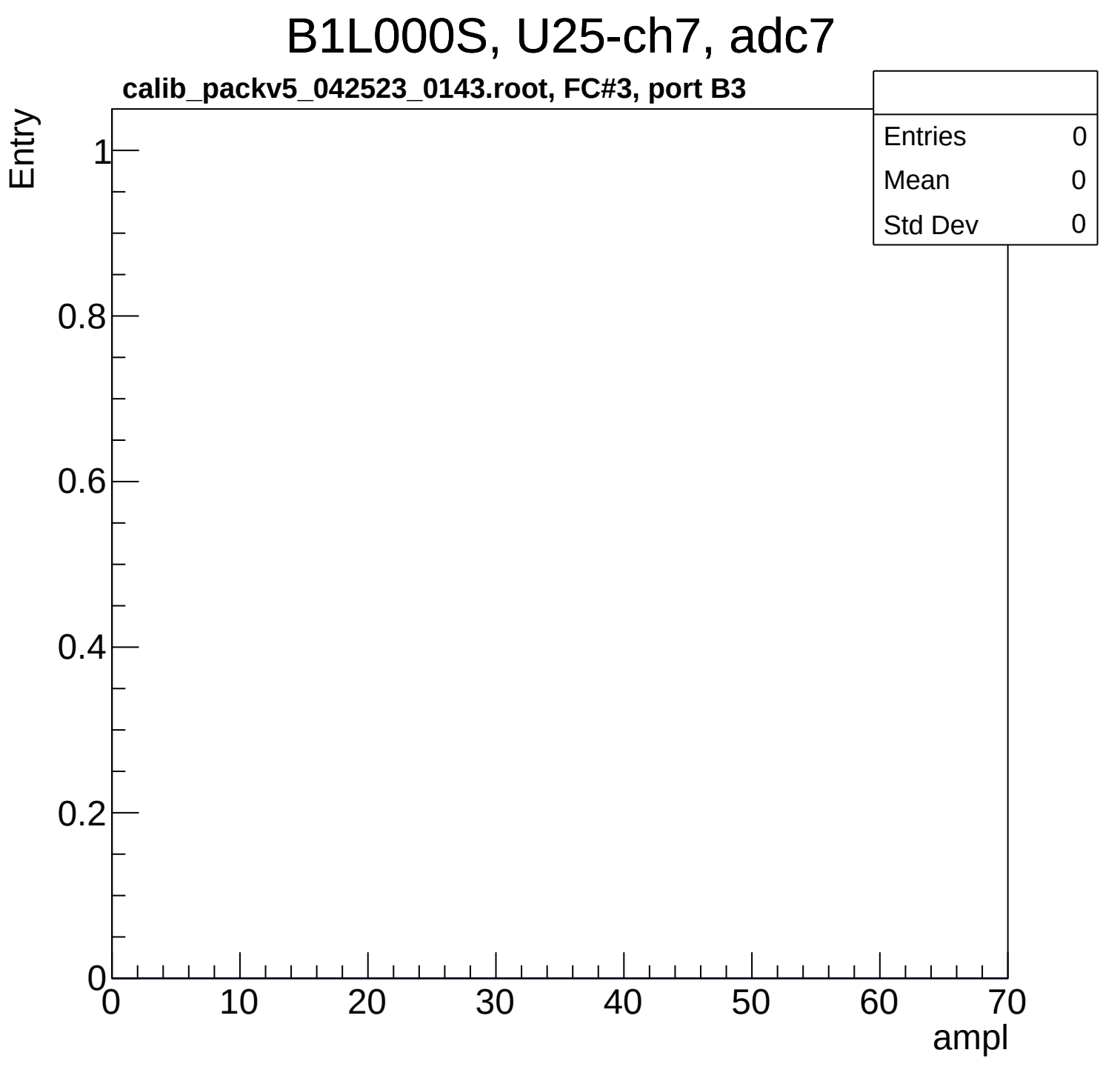
40
50
60
70


B1L000S, U25-ch7, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 31
Mean 58.32
Std Dev 10.93
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch7, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 62.8
Std Dev 0.4
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U25-ch7, 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
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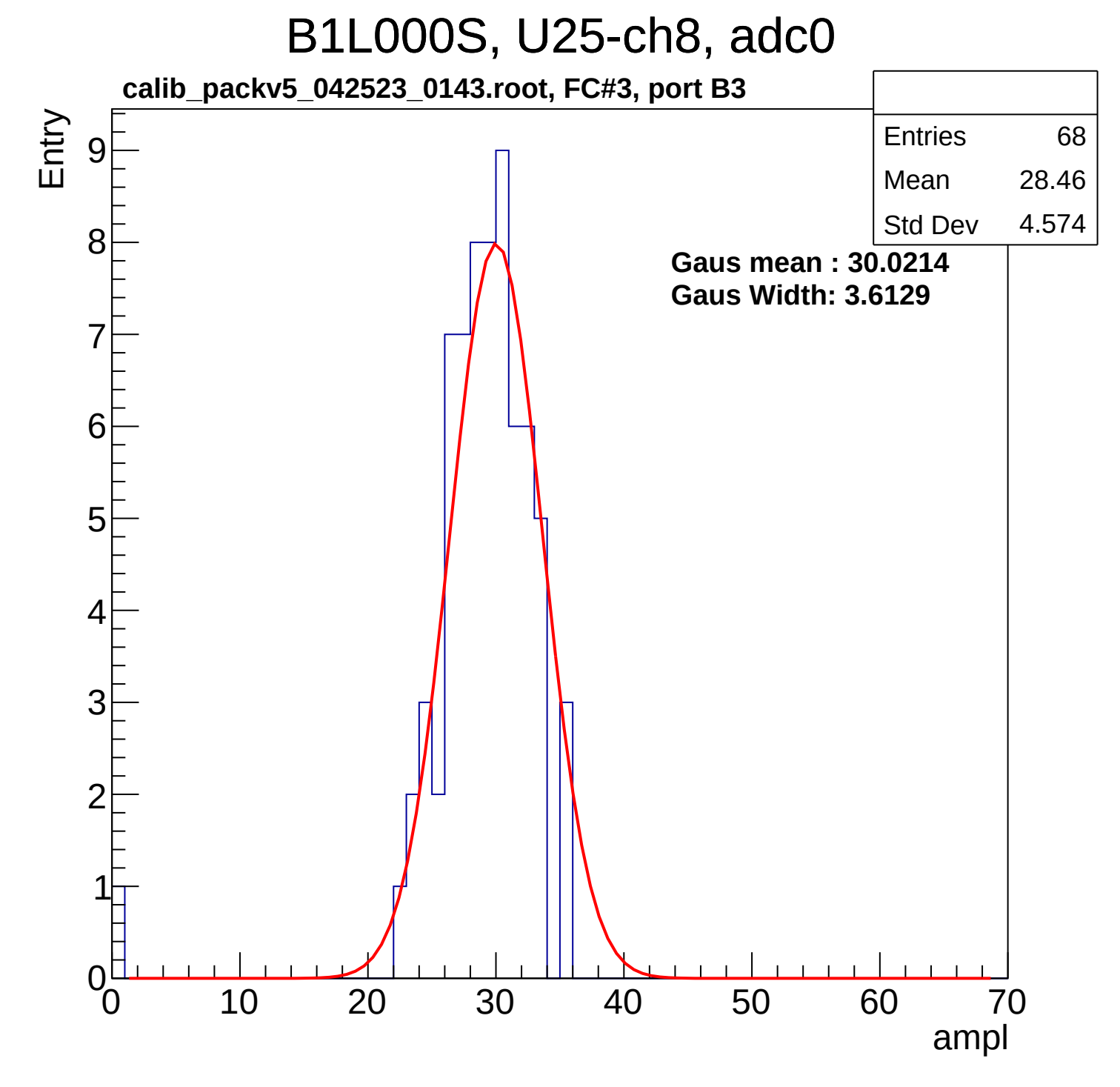
40
50
60
70
ampl


B1L000S, U25-ch8, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 28.46
Std Dev 4.574
Gaus mean : 30.0214
Gaus Width: 3.6129
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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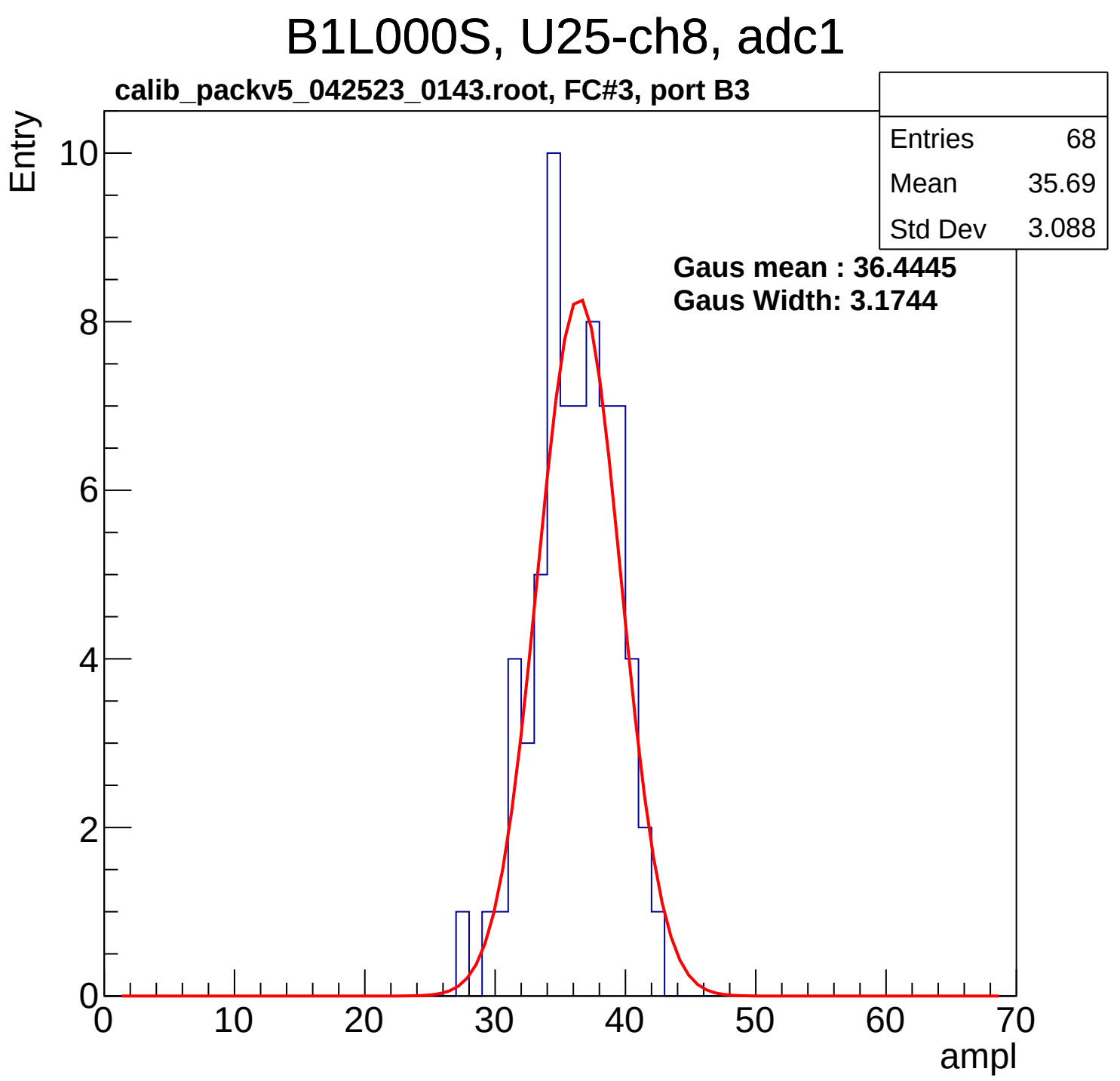
B1L000S, U25-ch8, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 35.69
Std Dev 3.088
Gaus mean : 36.4445
Gaus Width: 3.1744
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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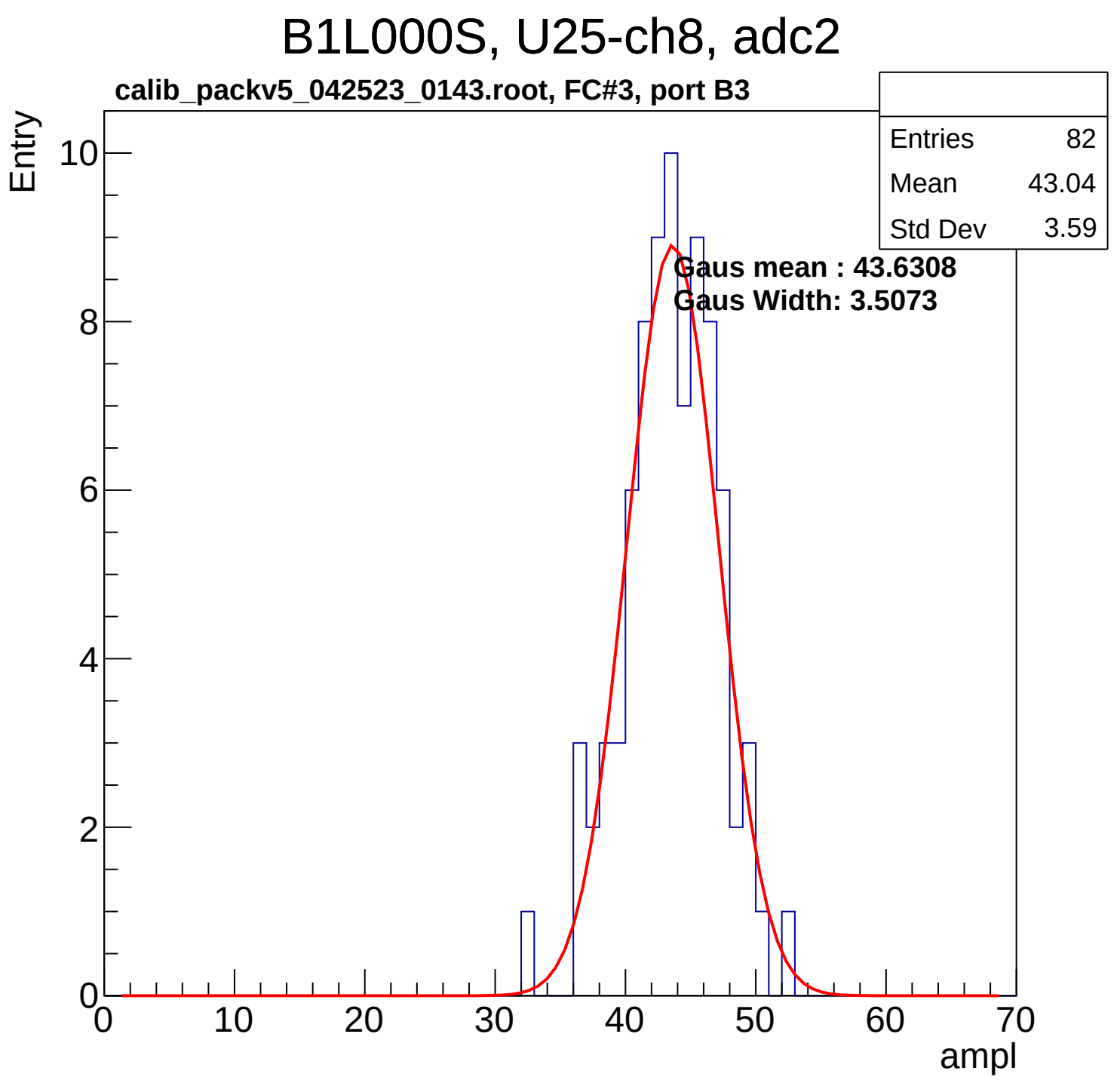
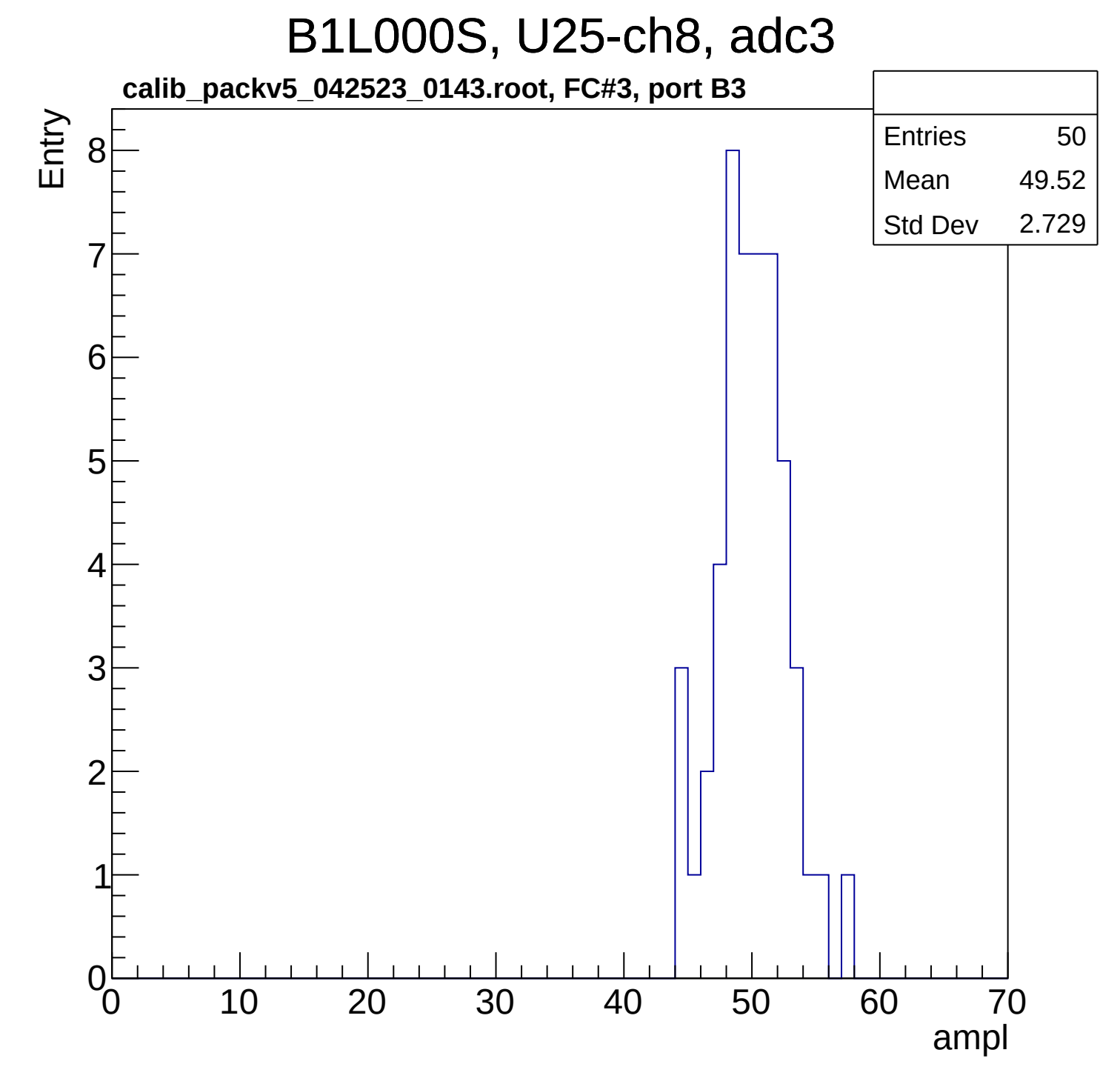

B1L000S, U25-ch8, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 82
Mean 43.04
Std Dev 3.59
Gaus mean : 43.6308
Gaus Width: 3.5073
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch8, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 49.52
Std Dev 2.729
Entry
ampl
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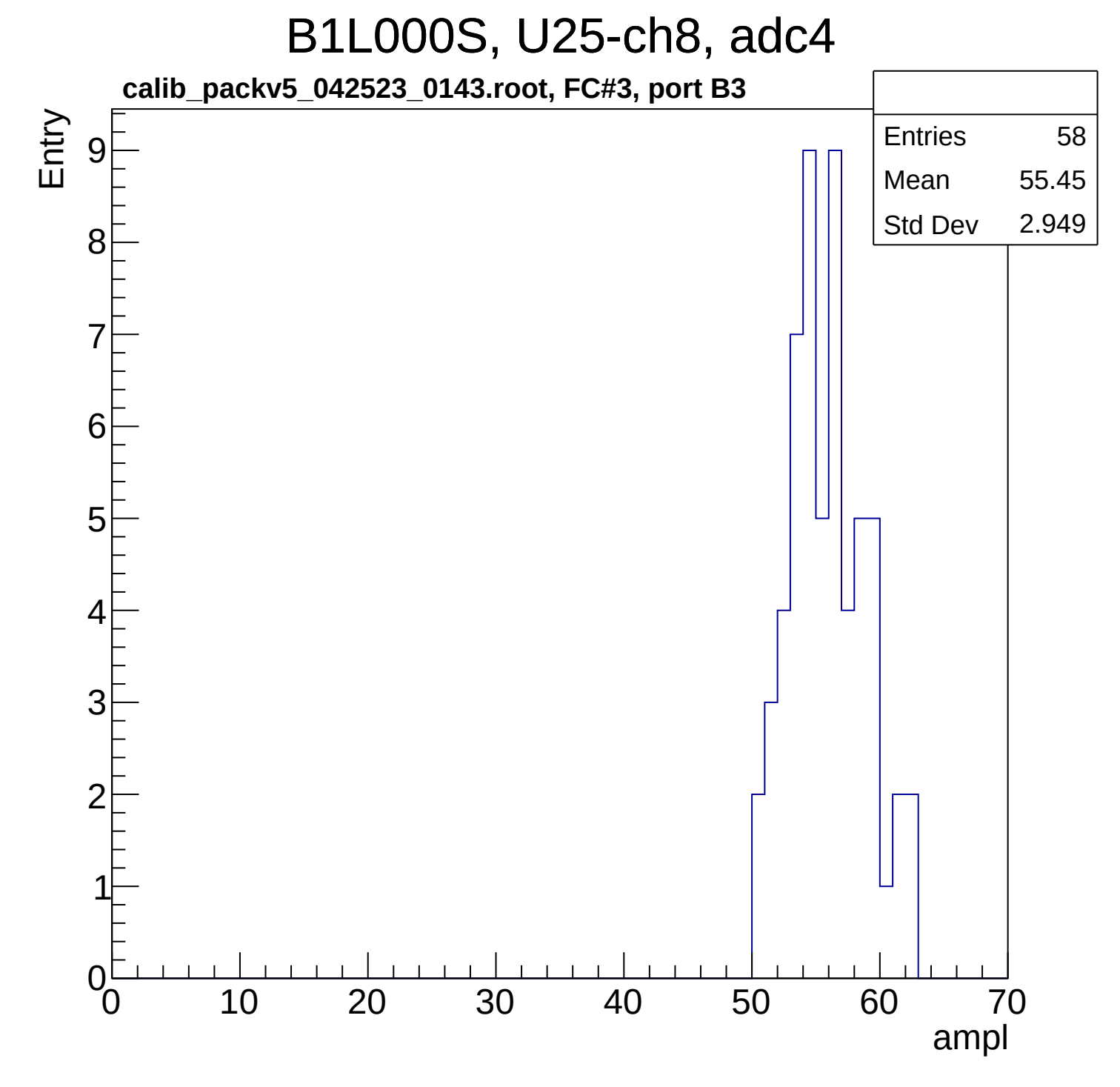
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch8, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 55.45
Std Dev 2.949
Entry
ampl
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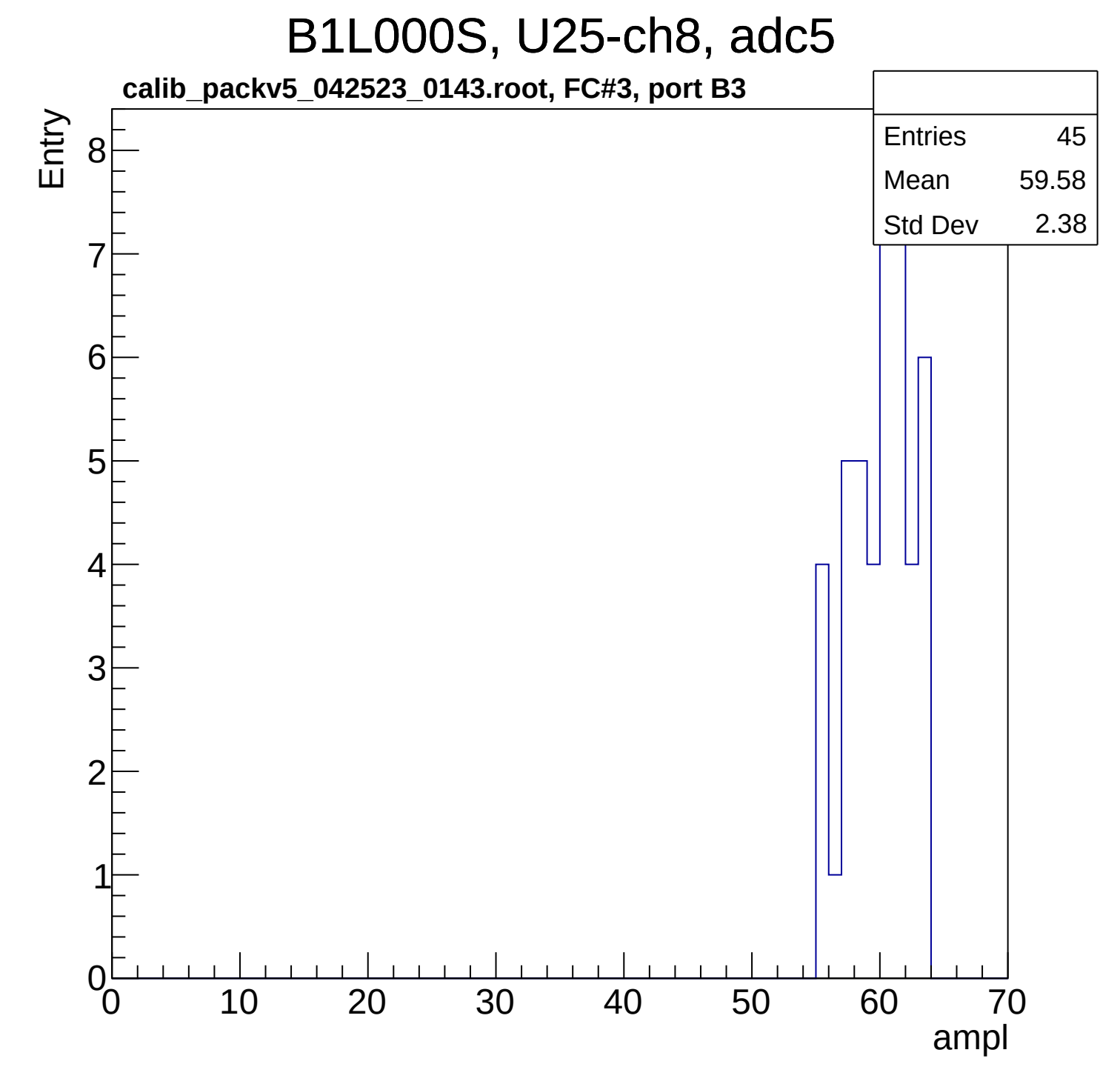
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch8, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 59.58
Std Dev 2.38
Entry
ampl
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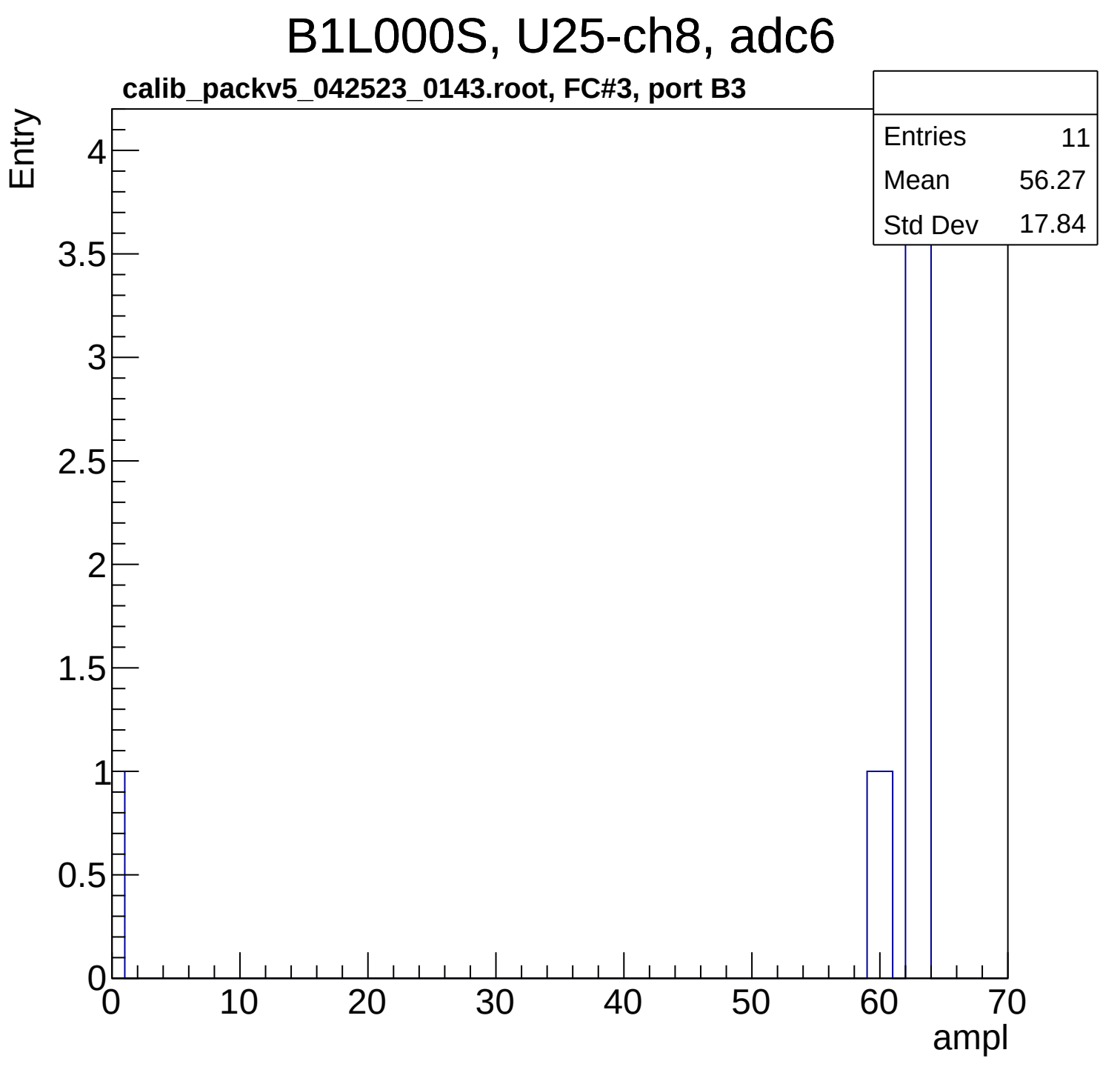
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch8, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 56.27
Std Dev 17.84
Entry
ampl
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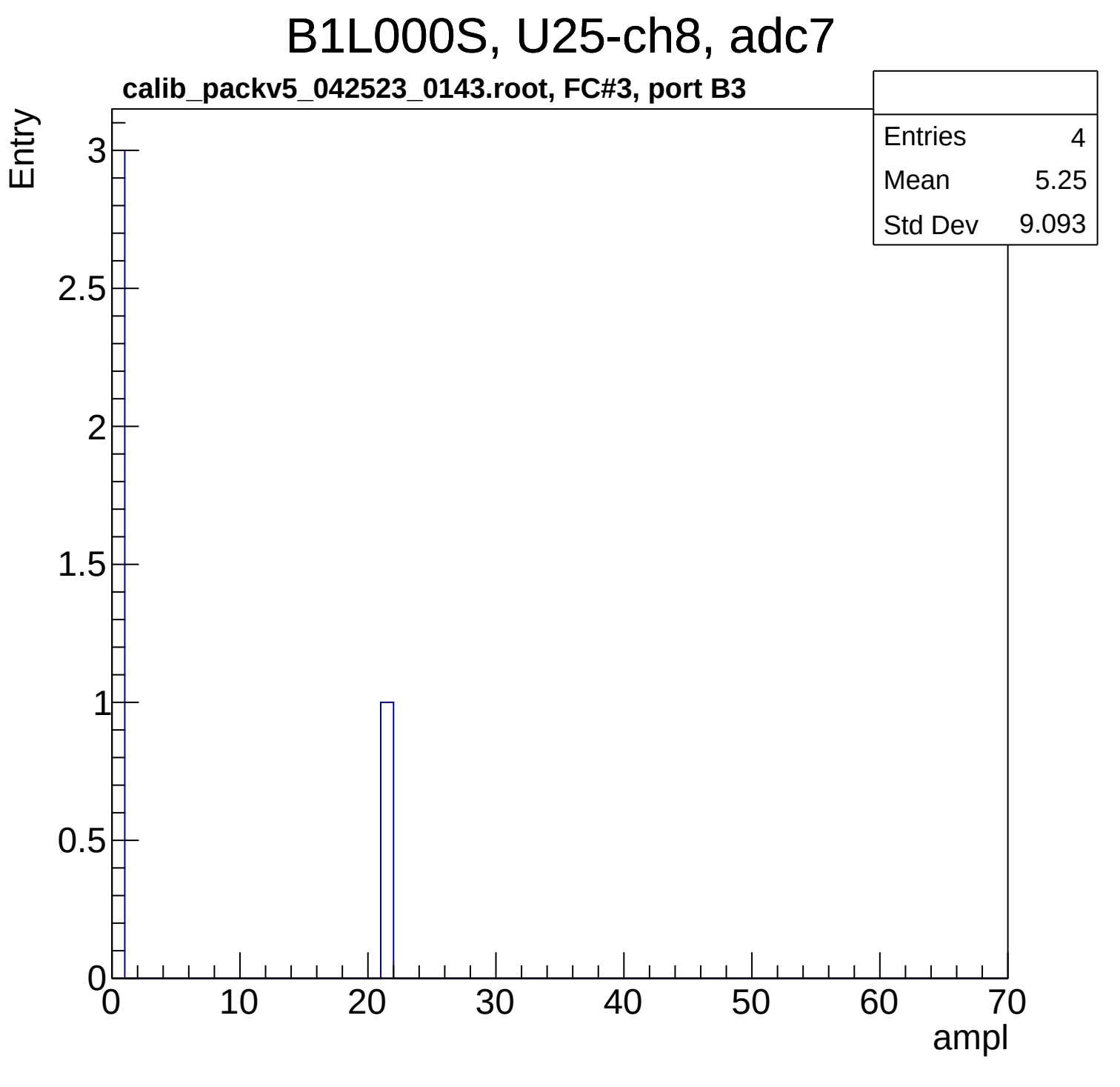
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U25-ch8, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 5.25
Std Dev 9.093
Entry
ampl
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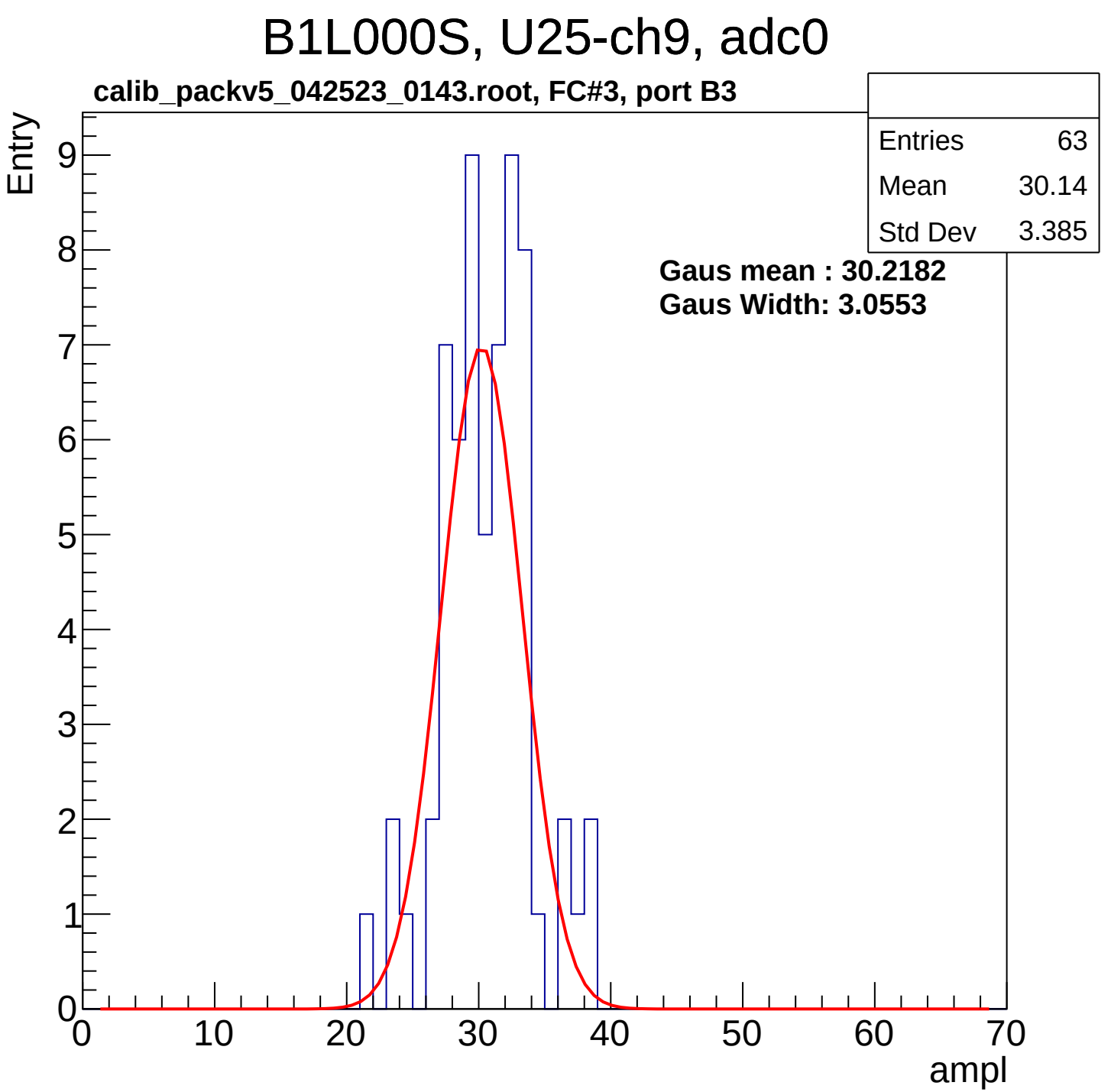
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U25-ch9, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 30.14
Std Dev 3.385
Gaus mean : 30.2182
Gaus Width: 3.0553
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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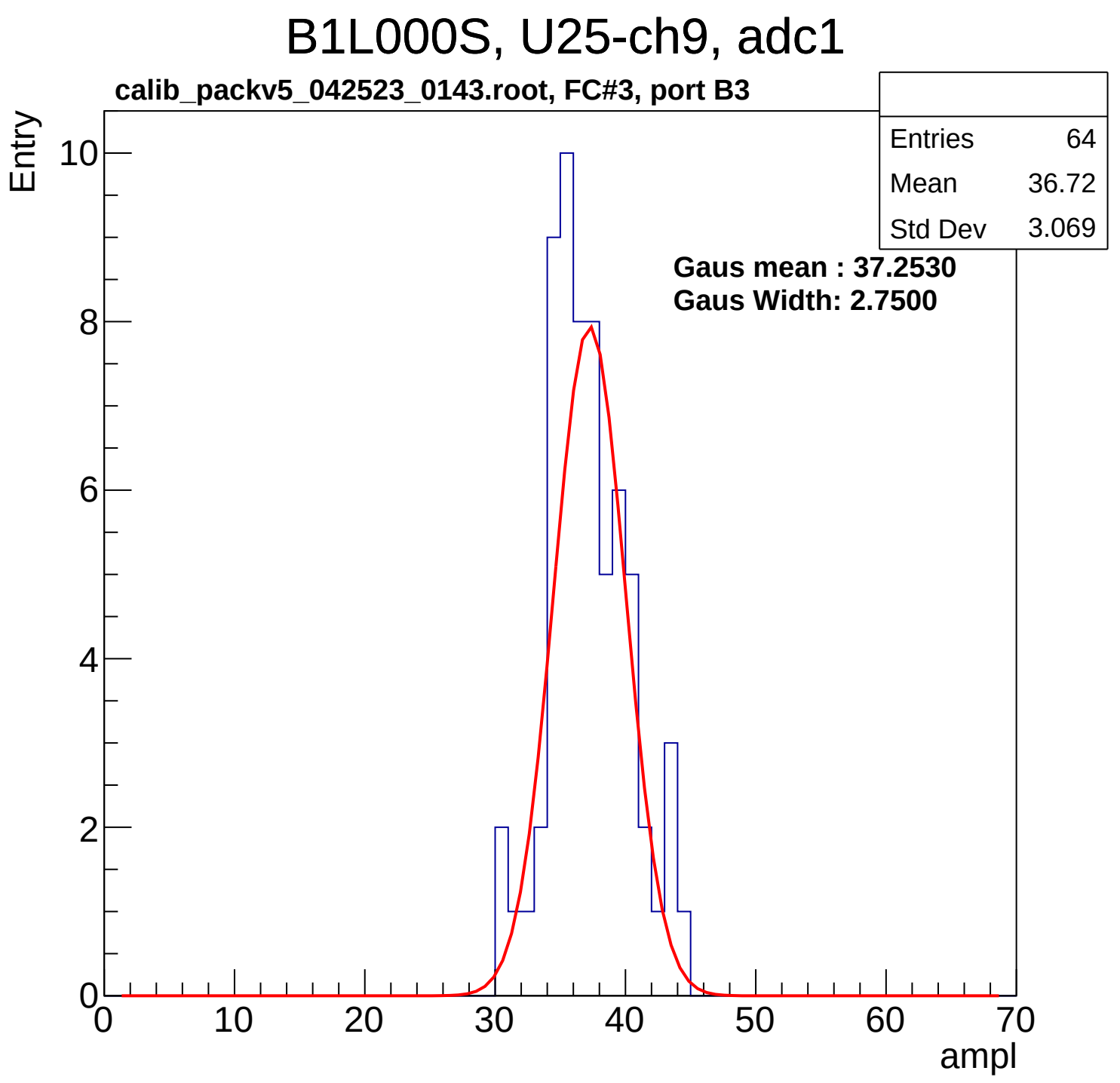
B1L000S, U25-ch9, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 36.72
Std Dev 3.069
Gaus mean : 37.2530
Gaus Width: 2.7500
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
50
60
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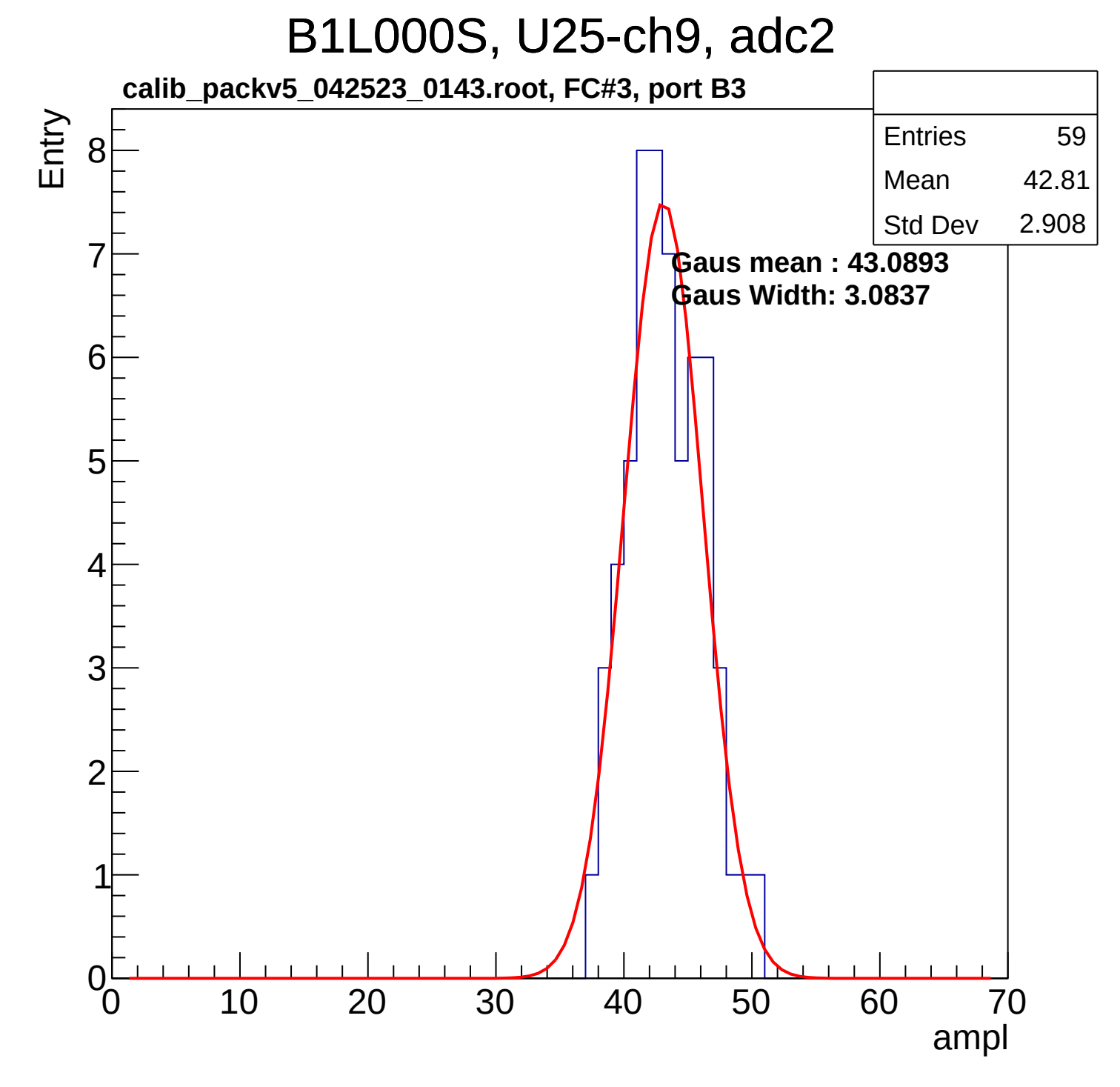
B1L000S, U25-ch9, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 42.81
Std Dev 2.908
Gaus mean : 43.0893
Gaus Width: 3.0837
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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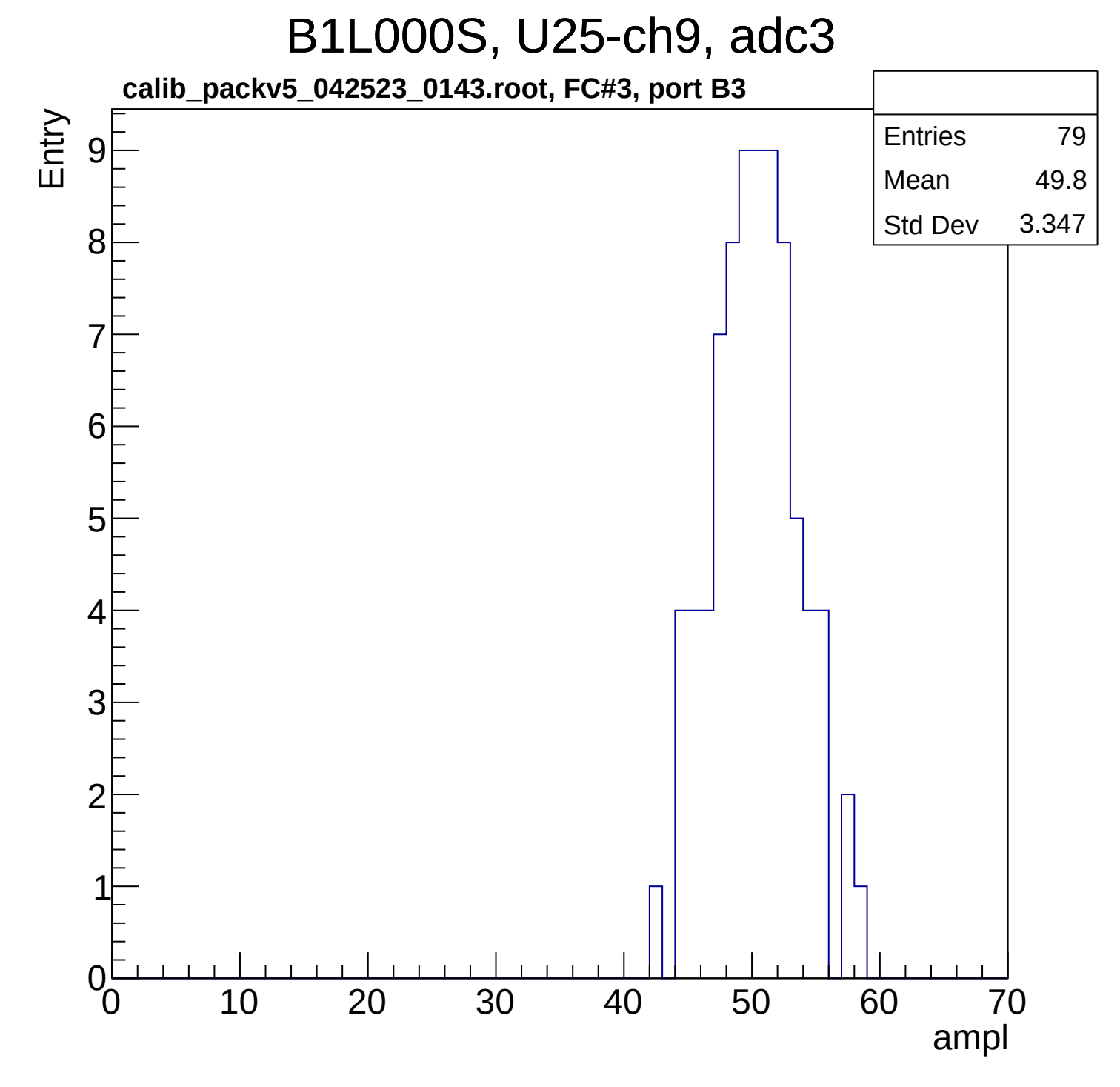
B1L000S, U25-ch9, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 49.8
Std Dev 3.347
Entry
ampl
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3
4
5
6
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0
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60
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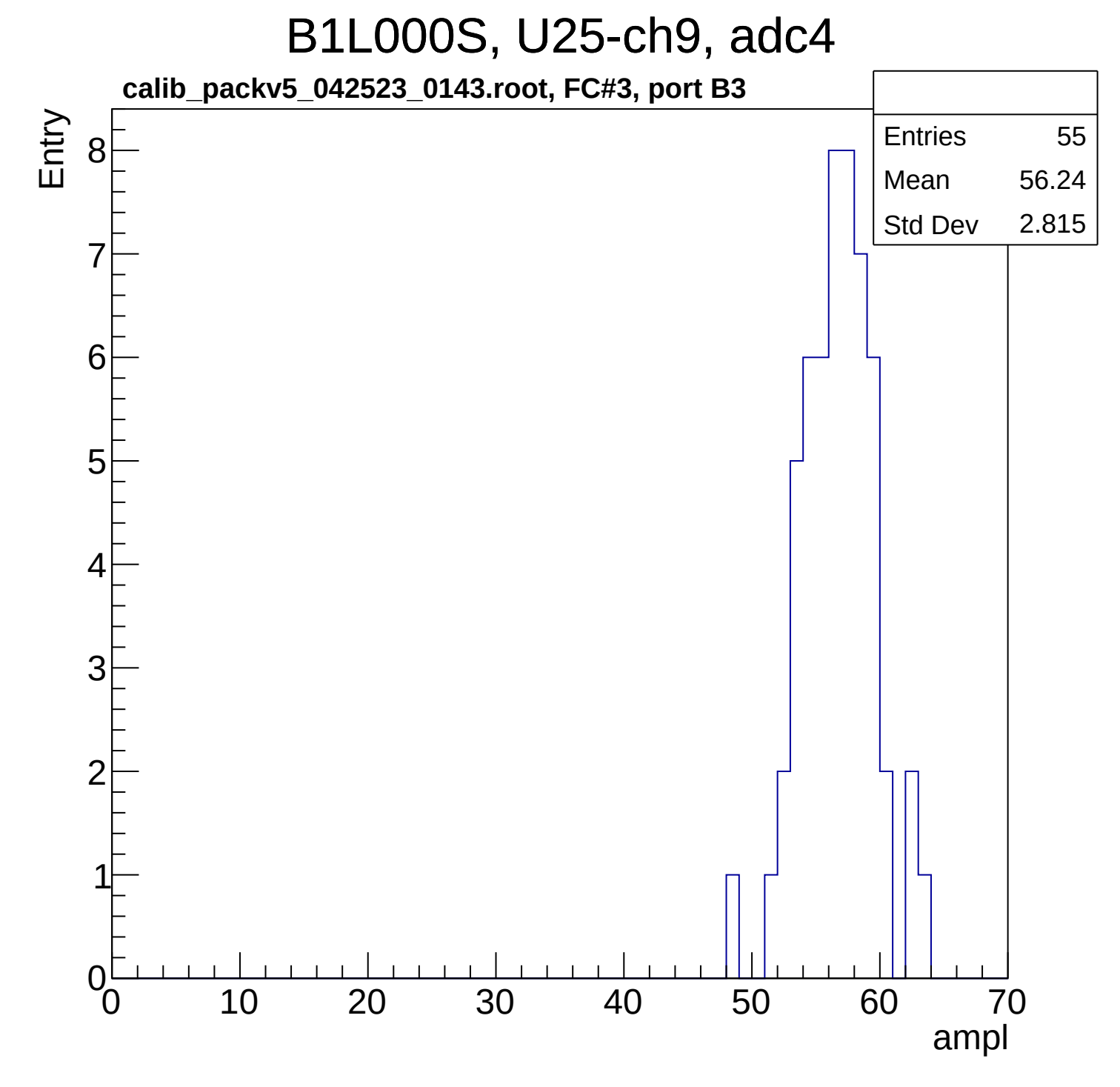
B1L000S, U25-ch9, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 56.24
Std Dev 2.815
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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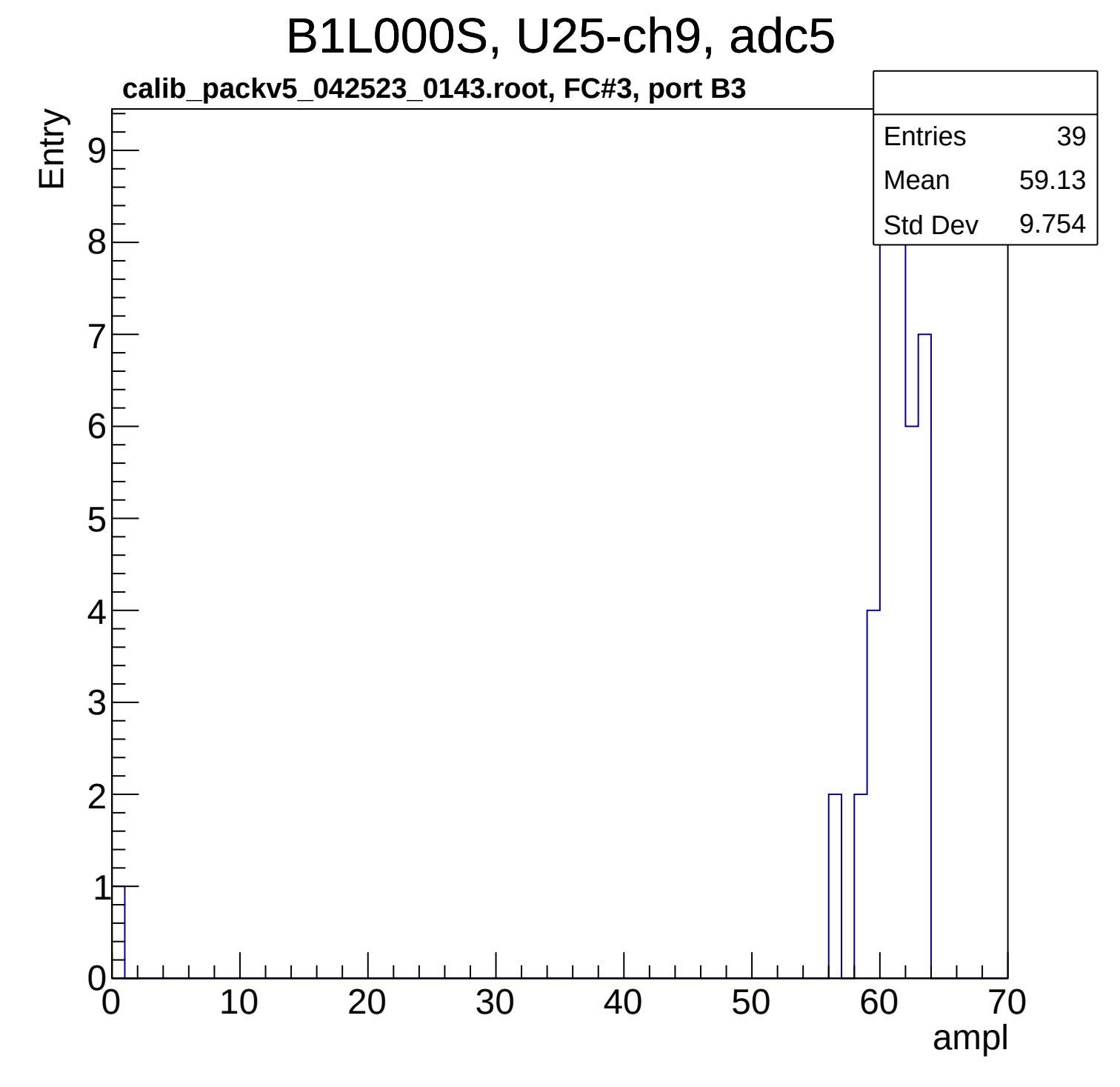
B1L000S, U25-ch9, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 39
Mean 59.13
Std Dev 9.754
Entry
ampl
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3
4
5
6
7
8
9
0
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60
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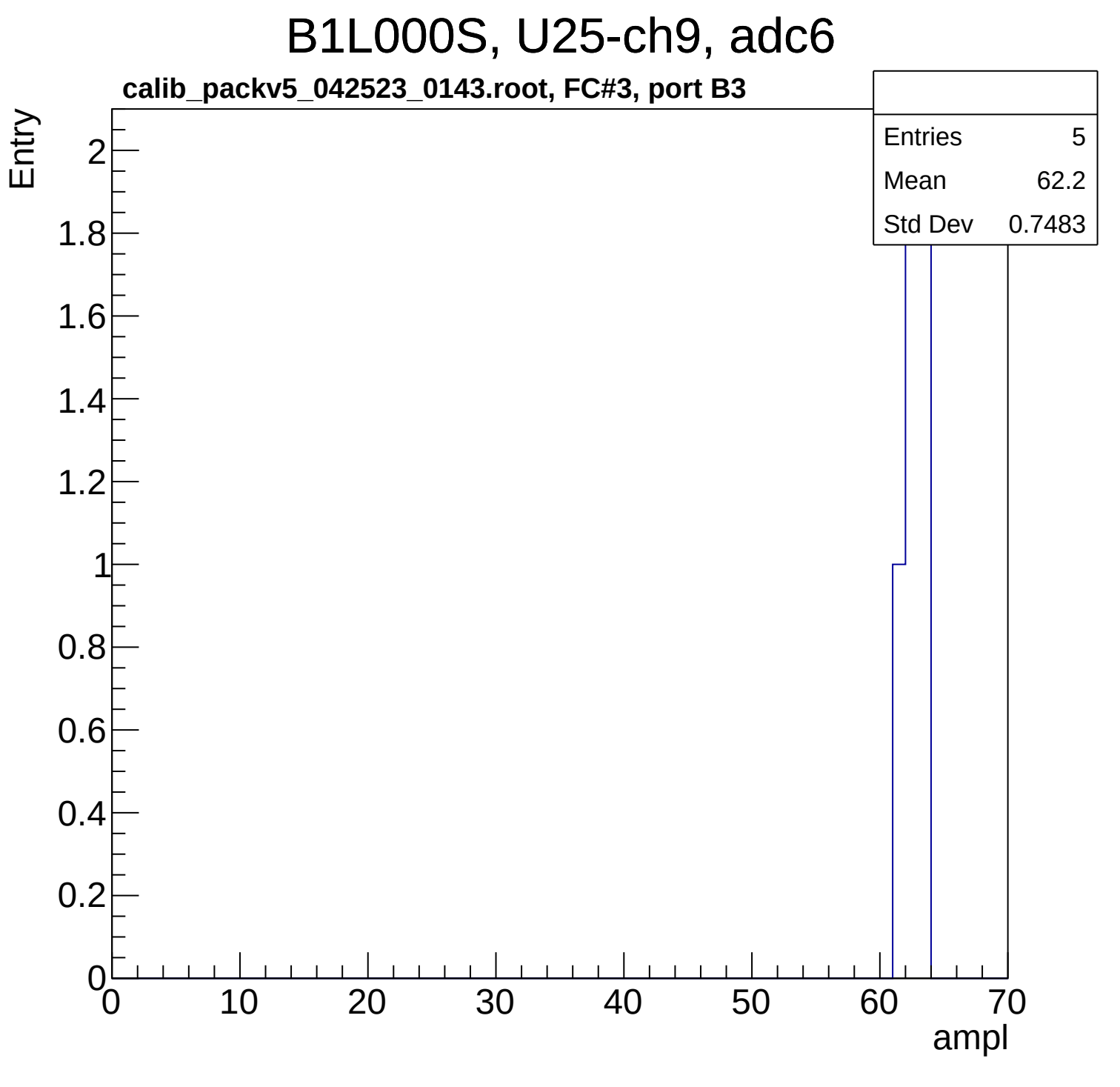
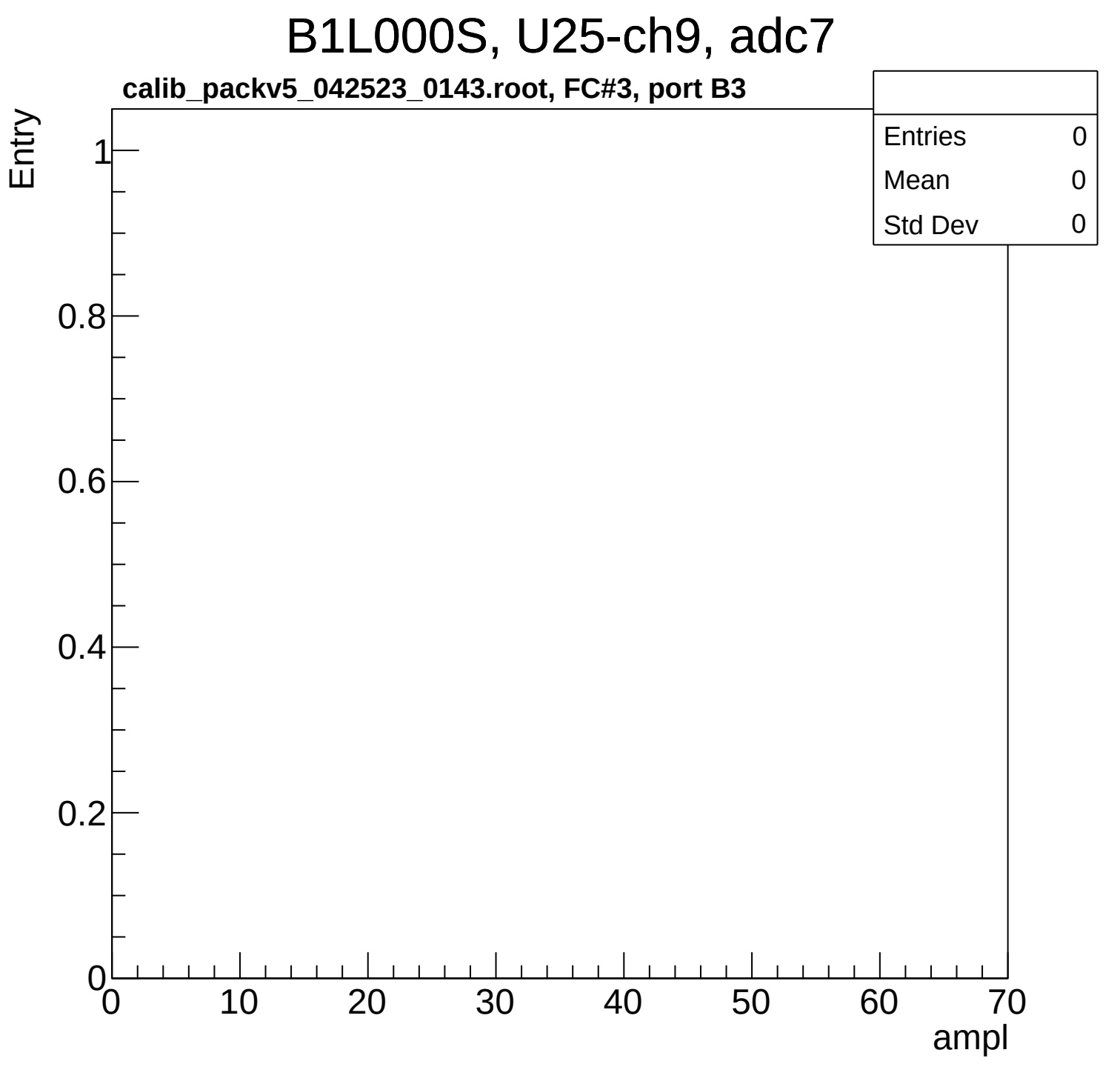

B1L000S, U25-ch9, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 62.2
Std Dev 0.7483
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L000S, U25-ch9, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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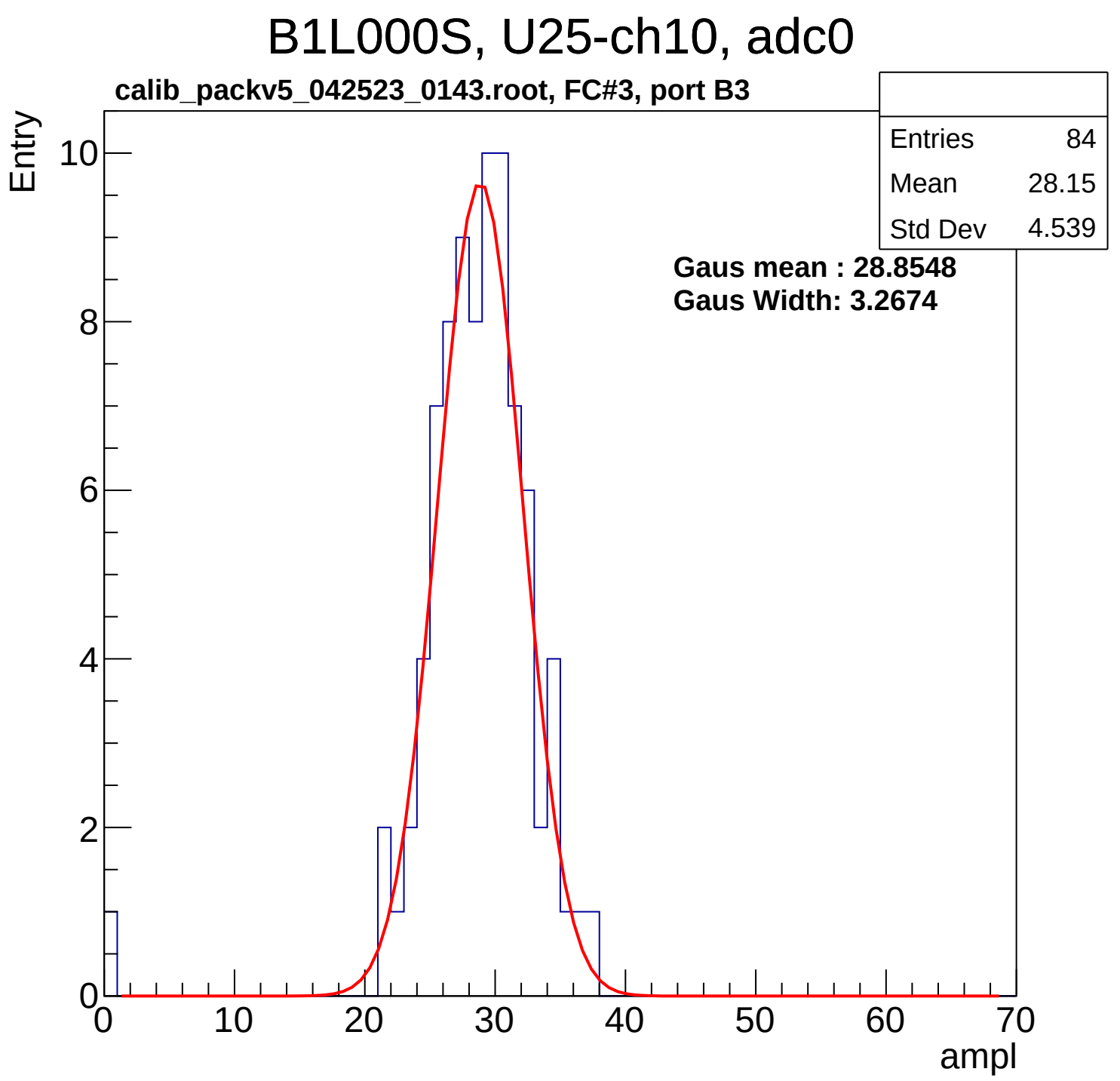
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch10, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 84
Mean 28.15
Std Dev 4.539
Gaus mean : 28.8548
Gaus Width: 3.2674
Entry
ampl
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2
4
6
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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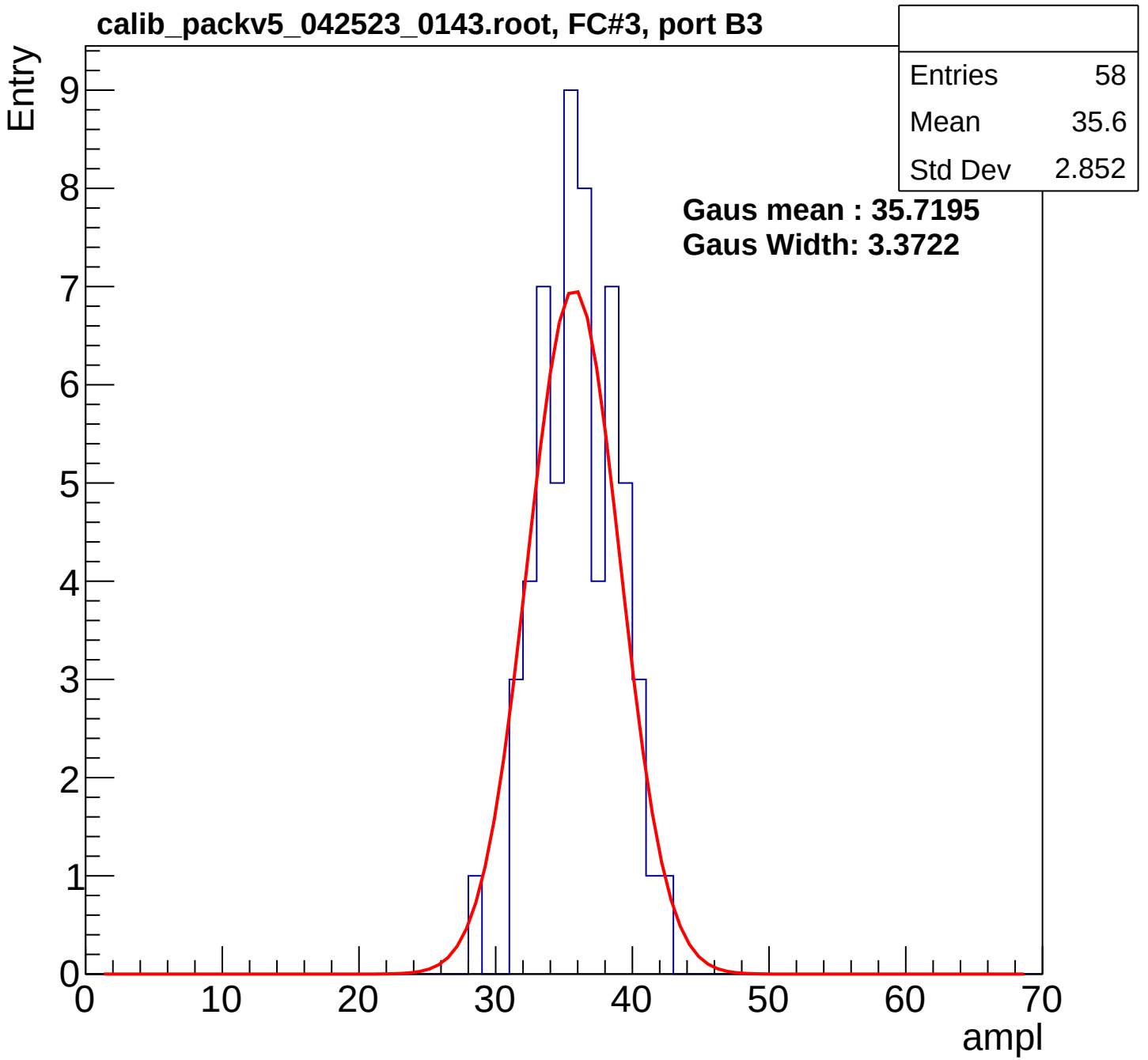
B1L000S, U25-ch10, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 35.6
Std Dev 2.852
Gaus mean : 35.7195
Gaus Width: 3.3722
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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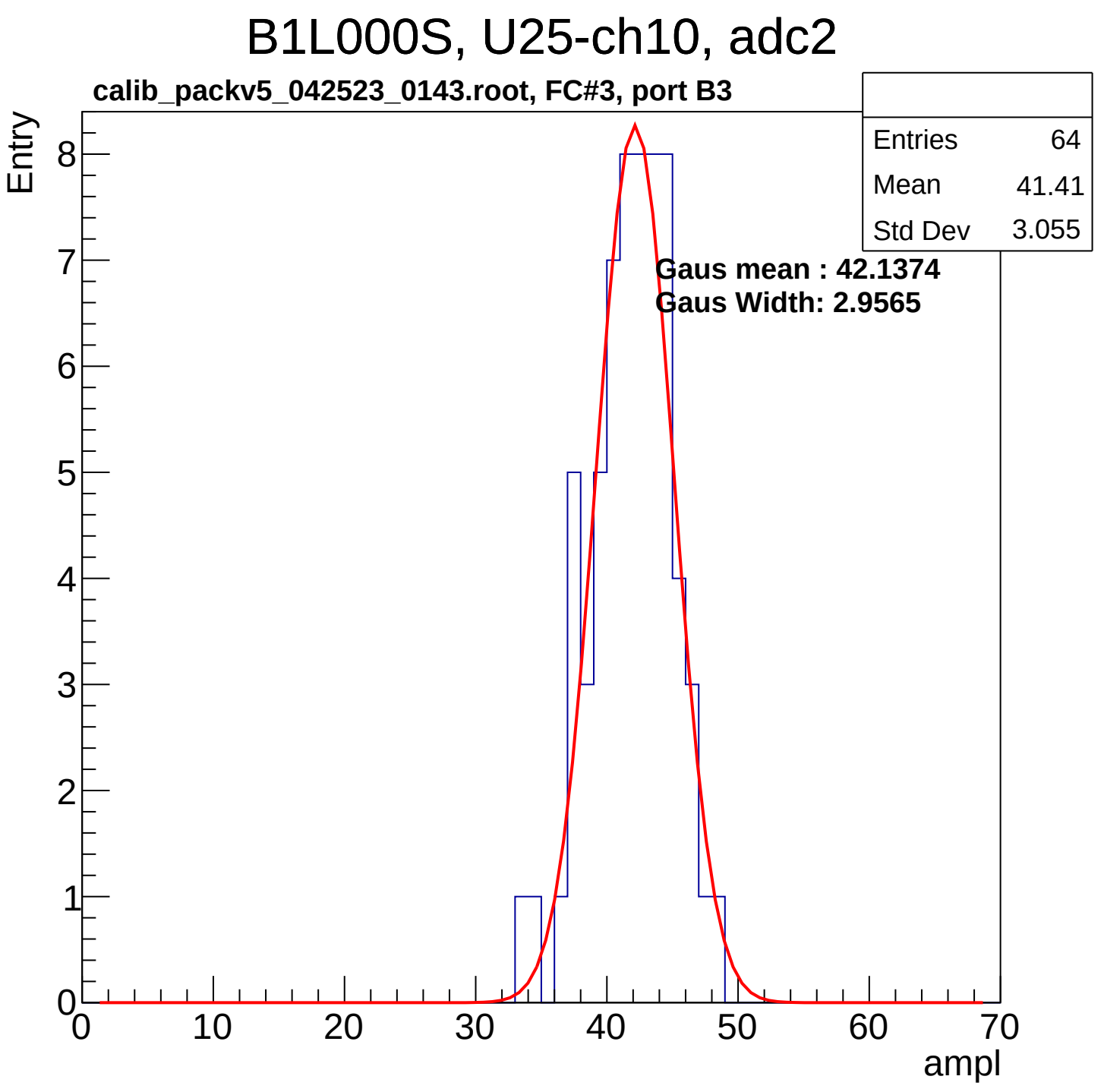
B1L000S, U25-ch10, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 41.41
Std Dev 3.055
Gaus mean : 42.1374
Gaus Width: 2.9565
Entry
ampl
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2
3
4
5
6
7
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0
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20
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40
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60
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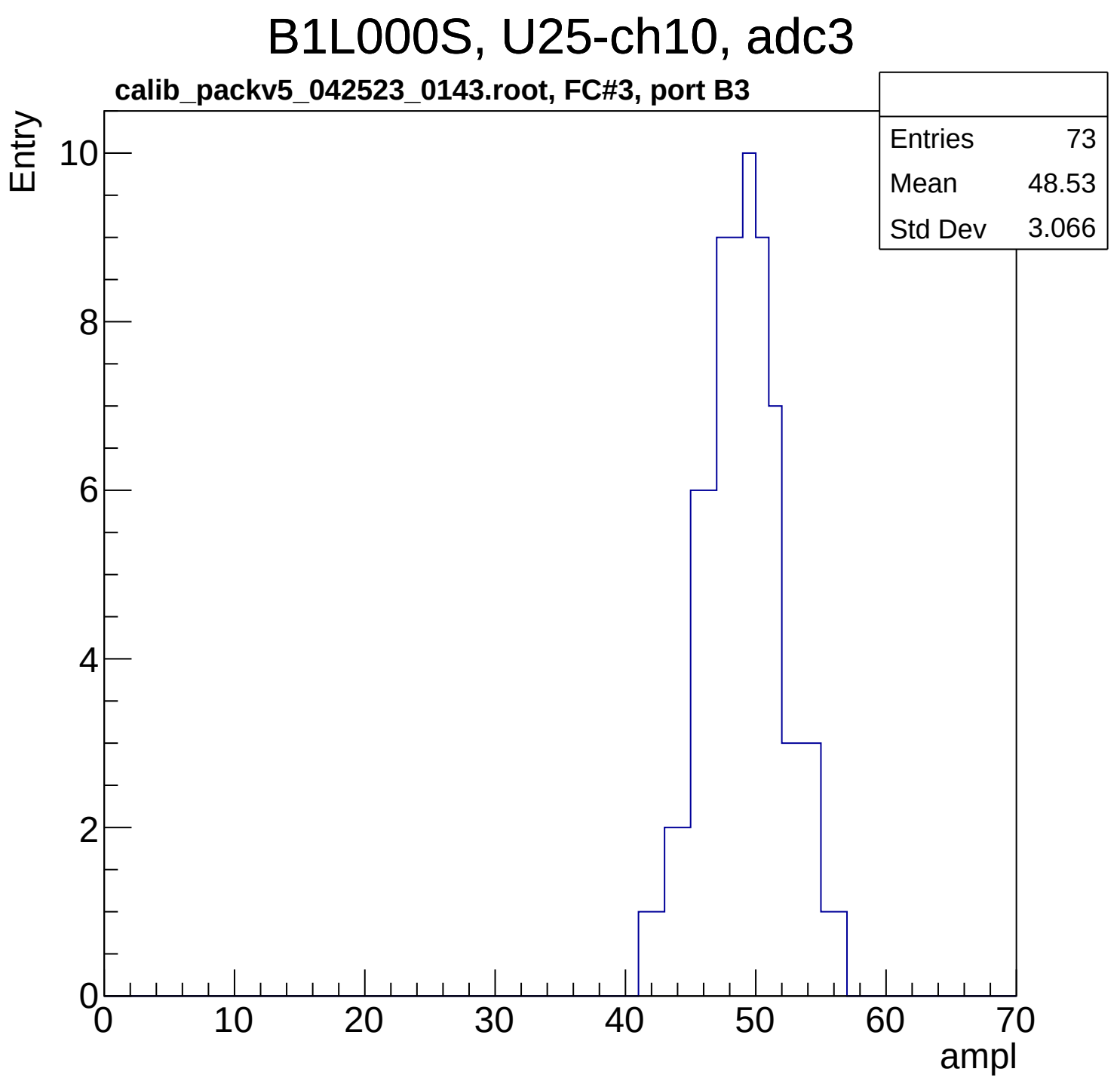
B1L000S, U25-ch10, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 48.53
Std Dev 3.066
Entry
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10
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10
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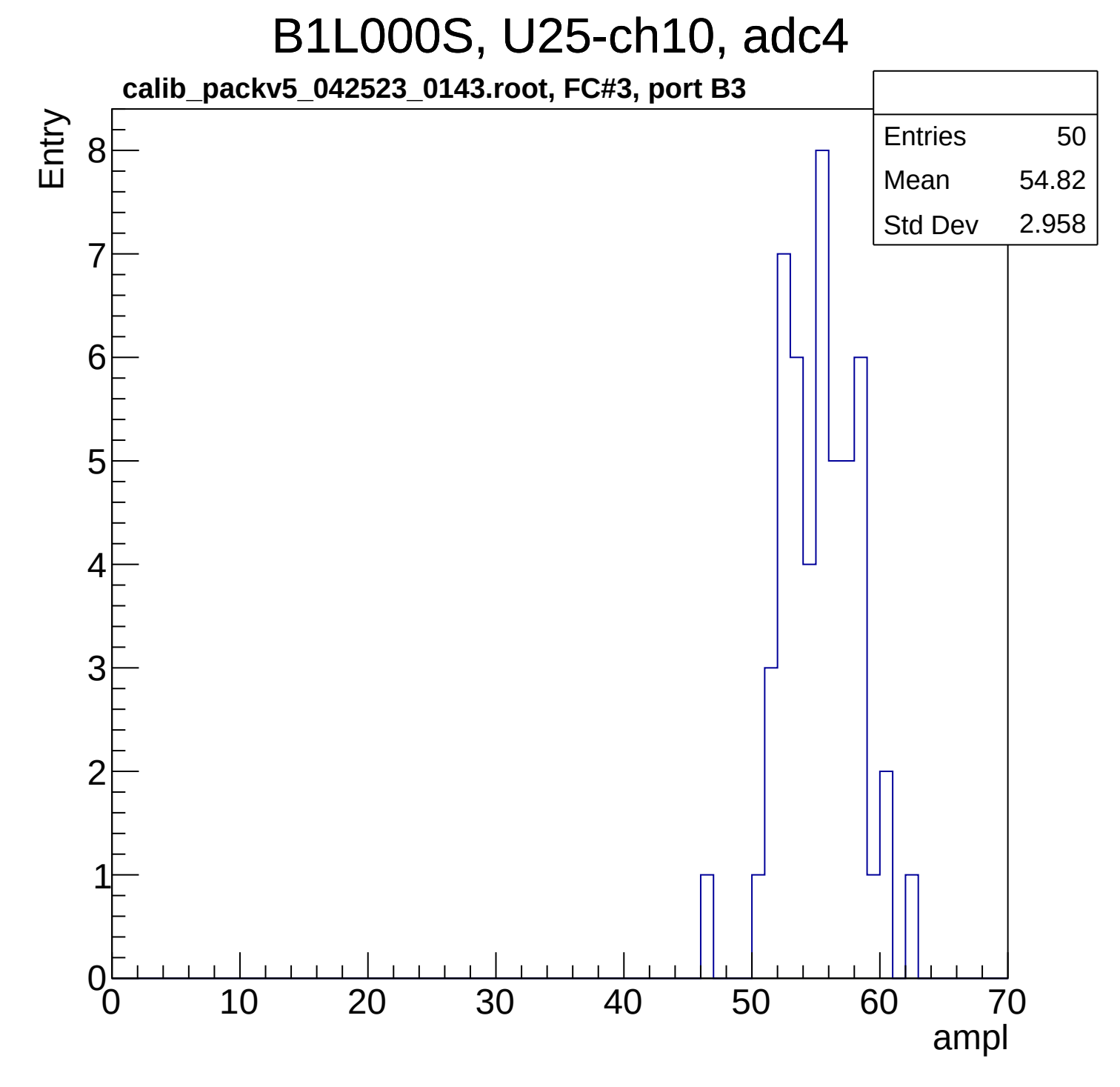
50
60
70
ampl


B1L000S, U25-ch10, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 54.82
Std Dev 2.958
Entry
ampl
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60
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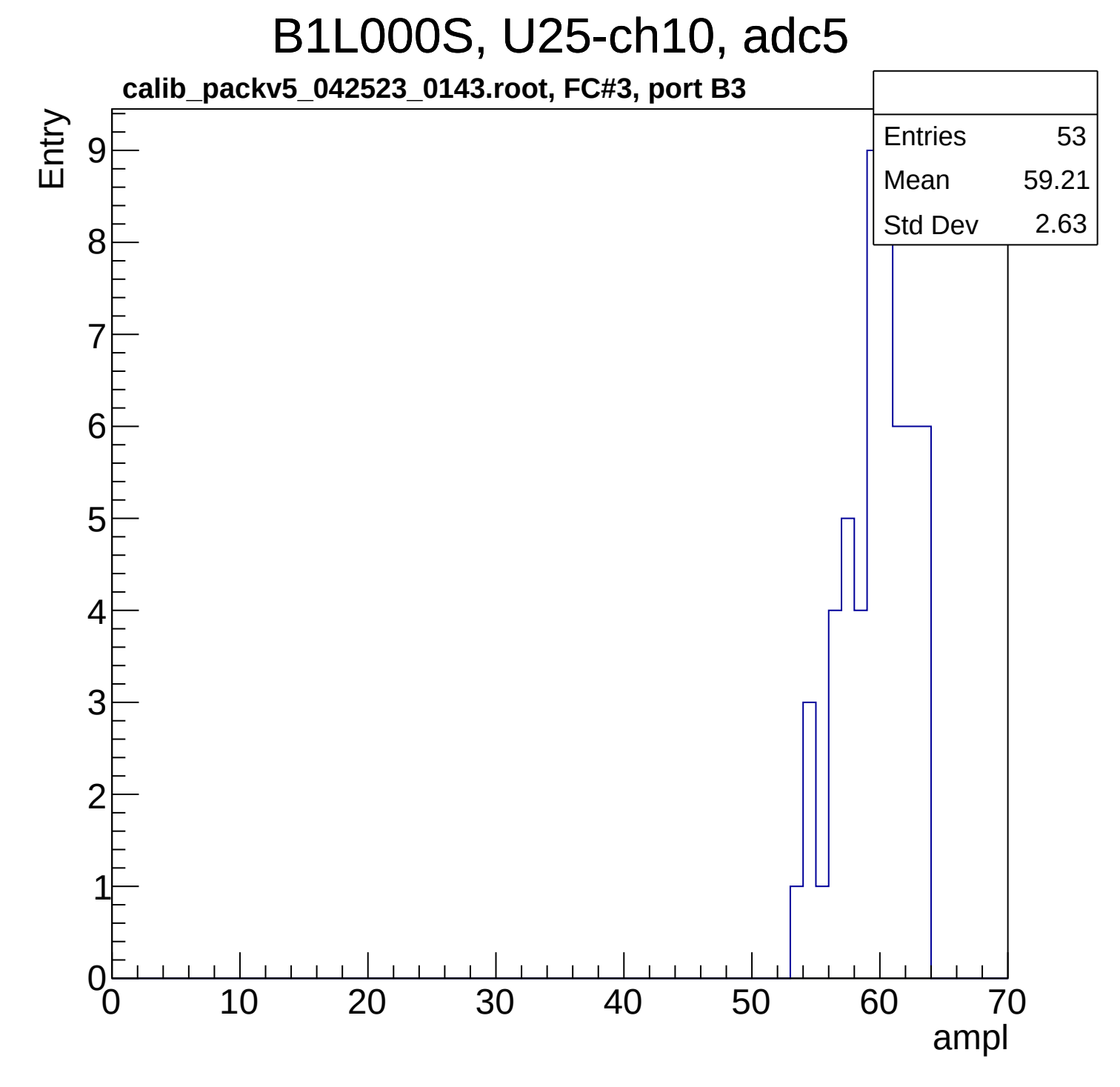
B1L000S, U25-ch10, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 59.21
Std Dev 2.63
Entry
ampl
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0
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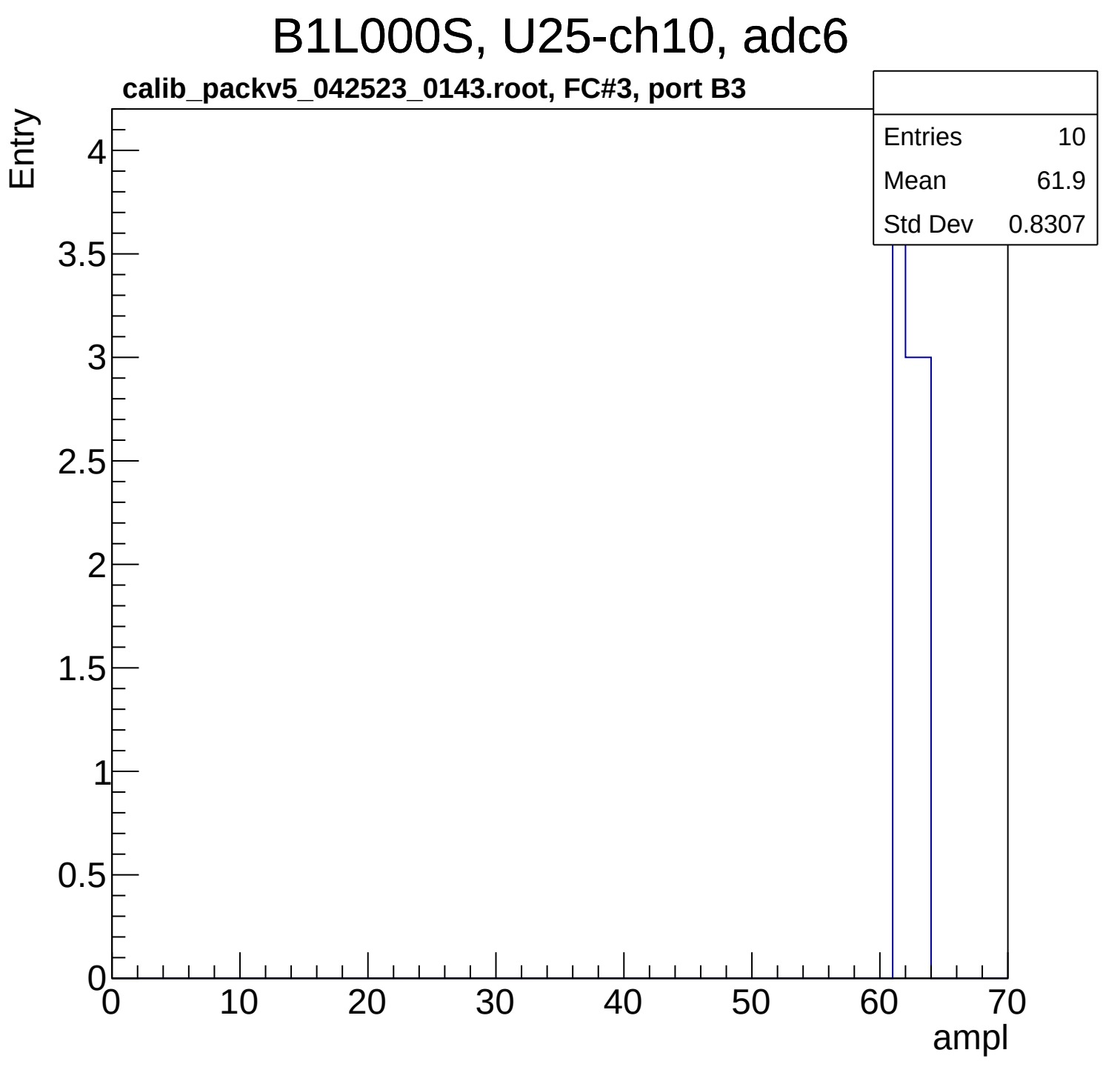
B1L000S, U25-ch10, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 10
Mean 61.9
Std Dev 0.8307
Entry
ampl
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1.5
2
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3
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4
0
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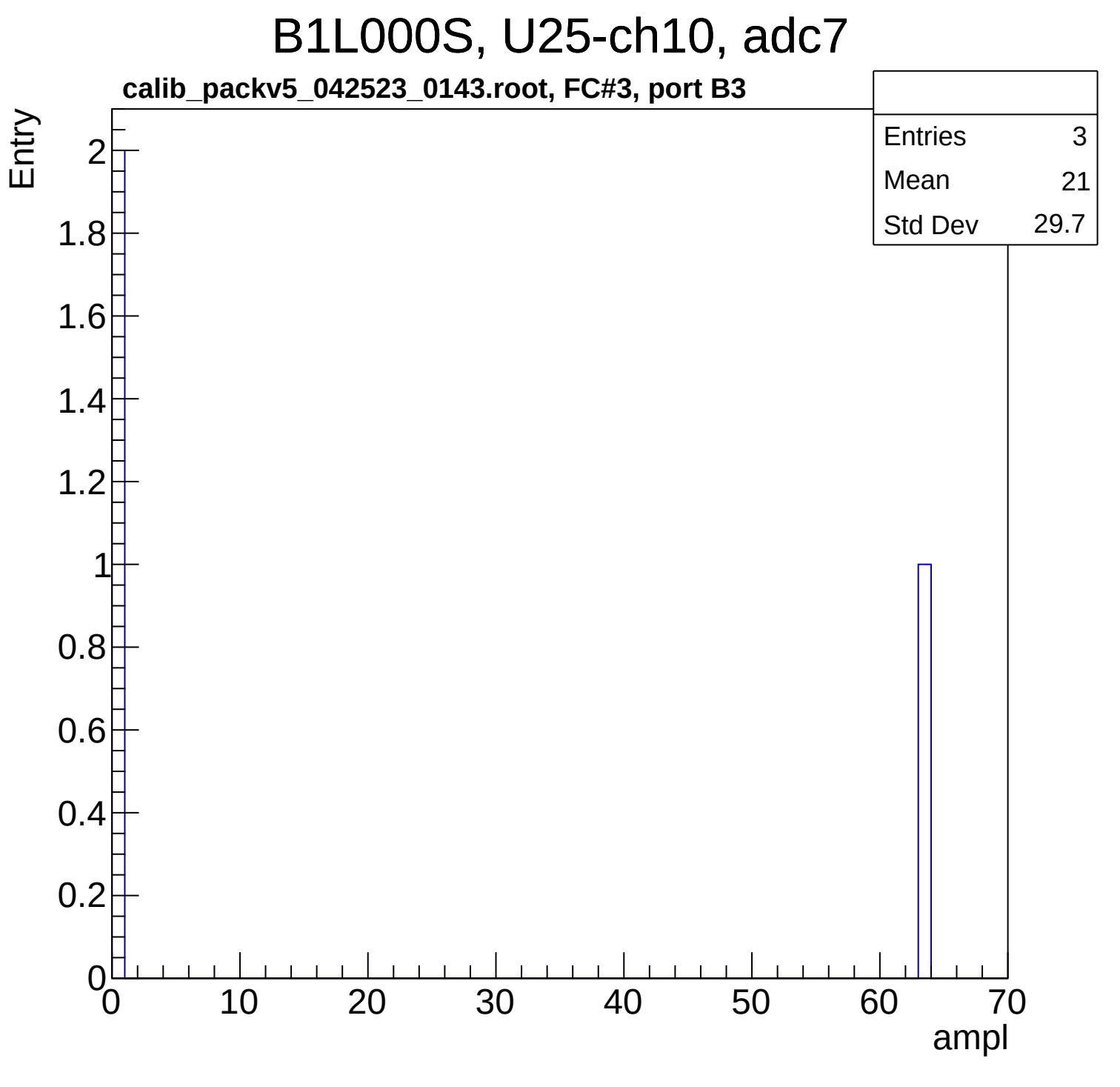
60
70


B1L000S, U25-ch10, 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
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40
50
60
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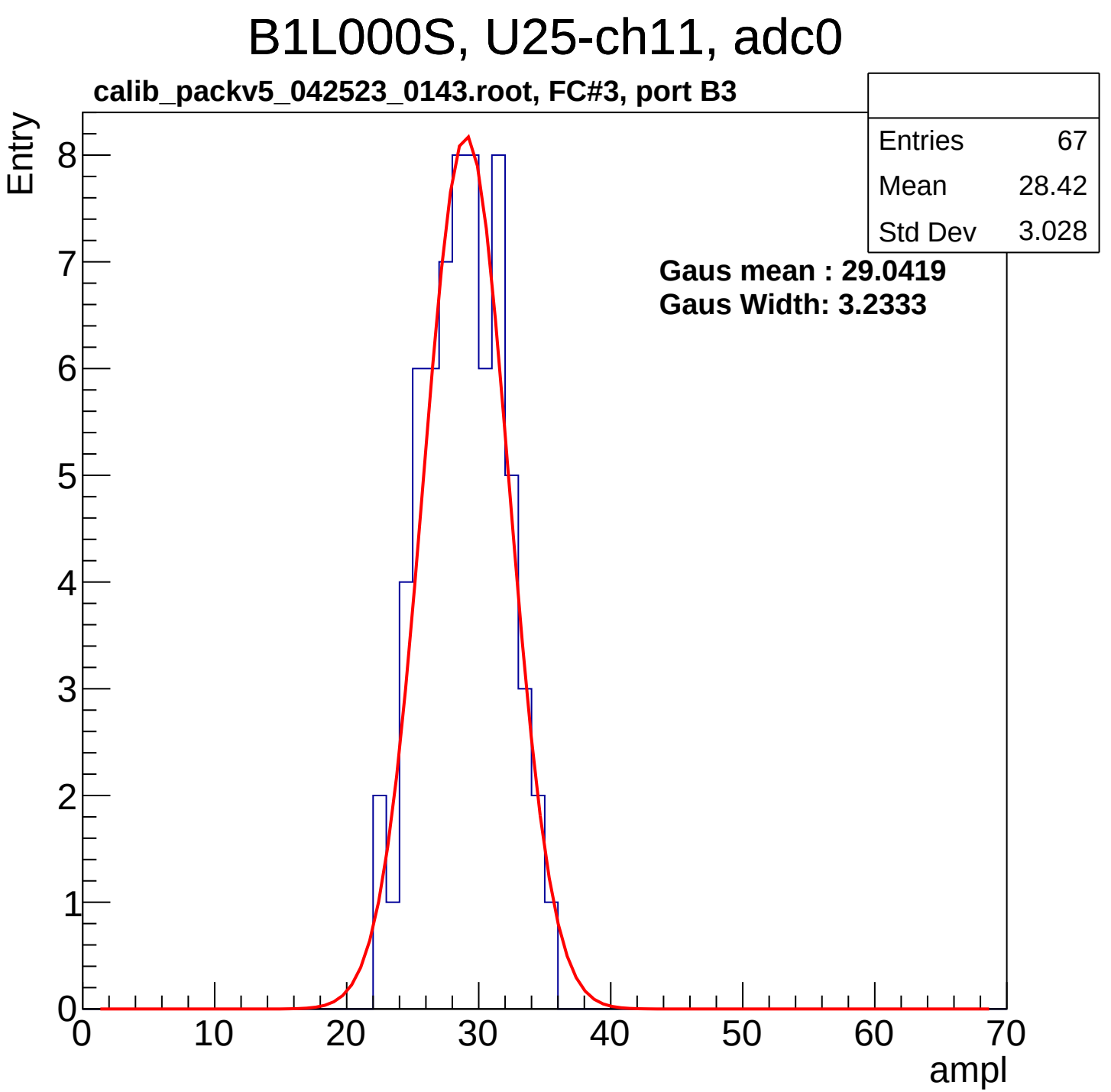
B1L000S, U25-ch11, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 28.42
Std Dev 3.028
Gaus mean : 29.0419
Gaus Width: 3.2333
Entry
ampl
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3
4
5
6
7
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0
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60
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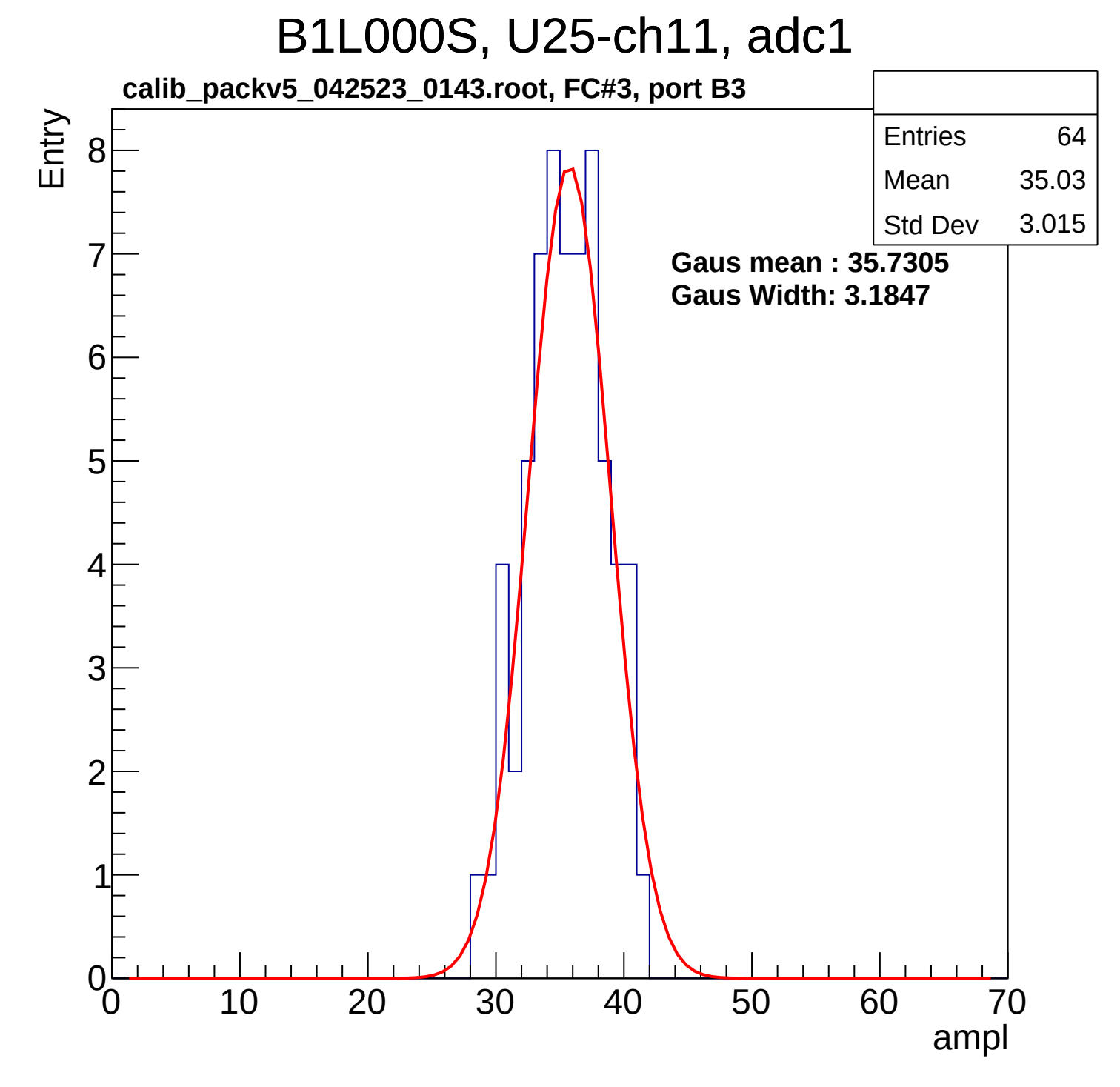
B1L000S, U25-ch11, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 35.03
Std Dev 3.015
Gaus mean : 35.7305
Gaus Width: 3.1847
Entry
ampl
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1
2
3
4
5
6
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60
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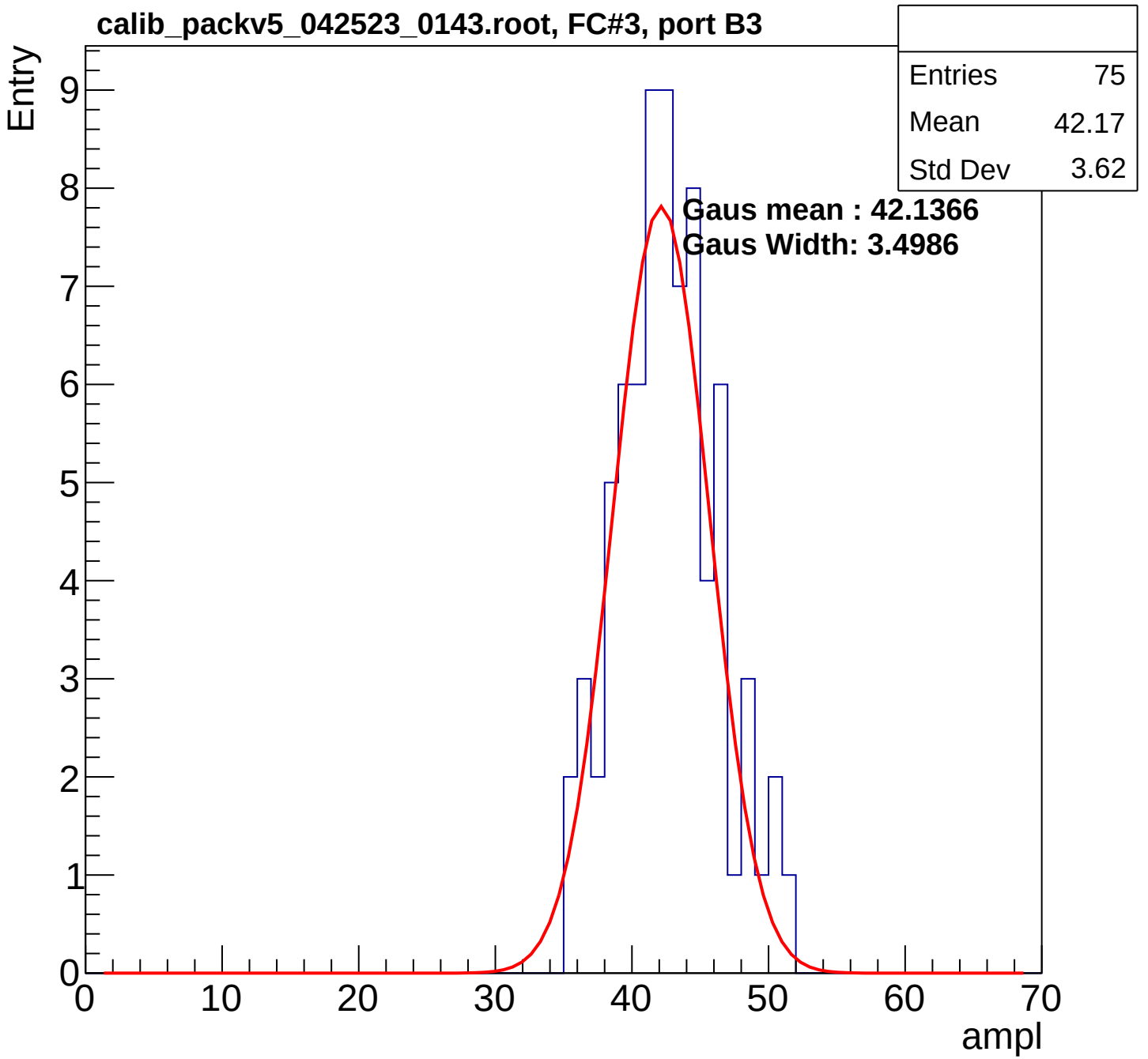
B1L000S, U25-ch11, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 42.17
Std Dev 3.62
Gaus mean : 42.1366
Gaus Width: 3.4986
Entry
ampl
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2
3
4
5
6
7
8
9
0
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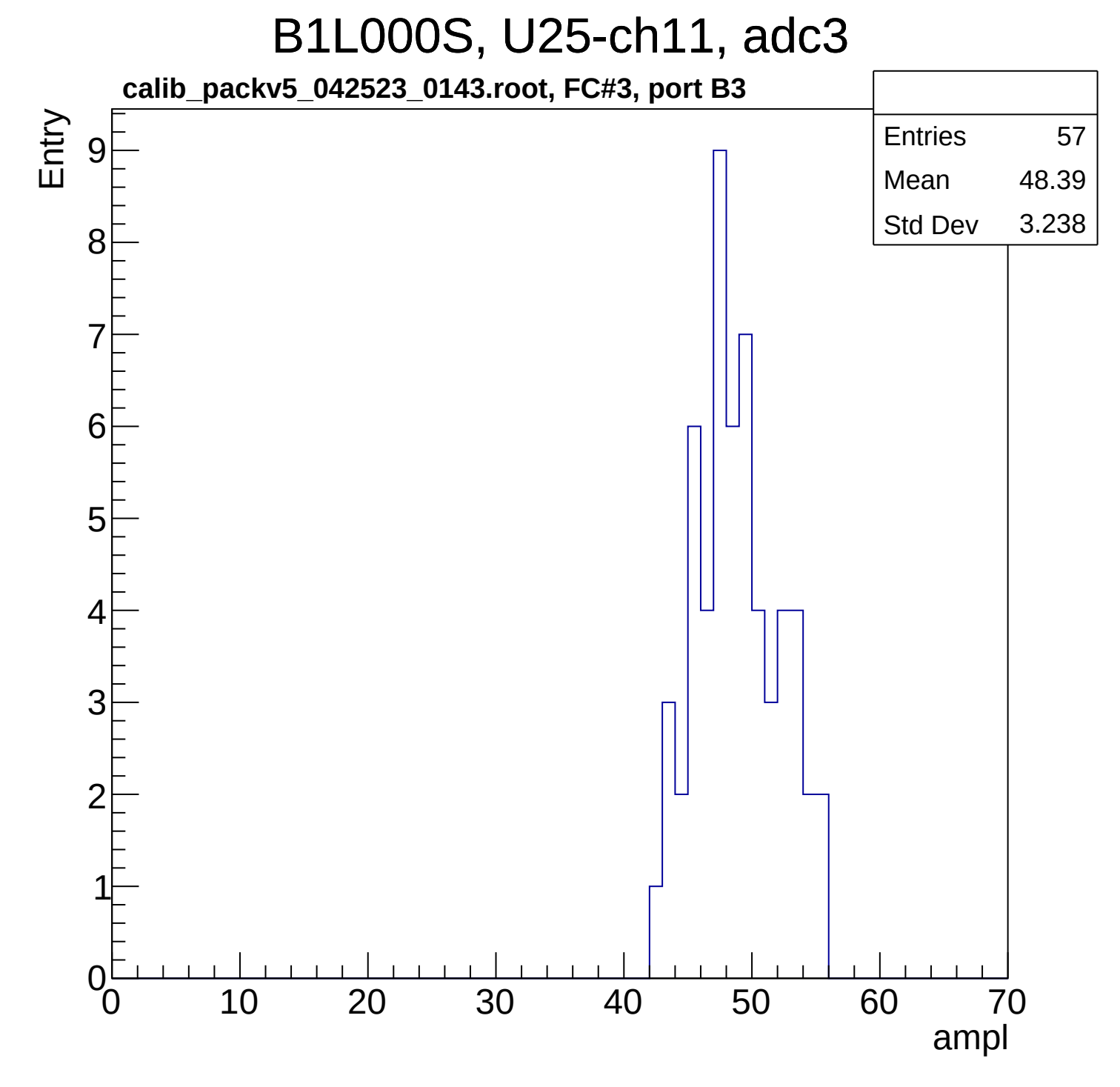
B1L000S, U25-ch11, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 48.39
Std Dev 3.238
Entry
ampl
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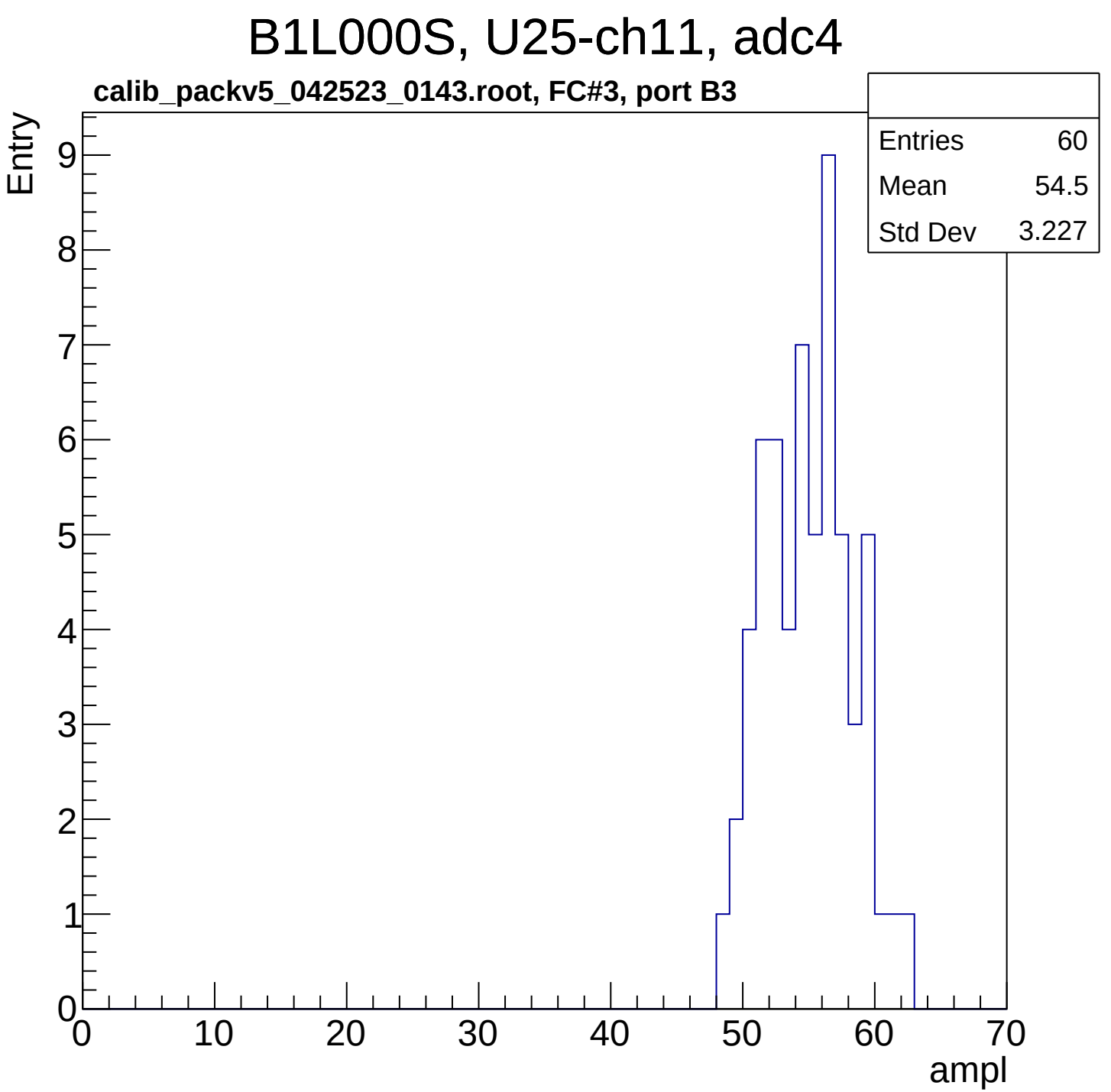
B1L000S, U25-ch11, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 54.5
Std Dev 3.227
Entry
ampl
0
1
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3
4
5
6
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8
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0
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60
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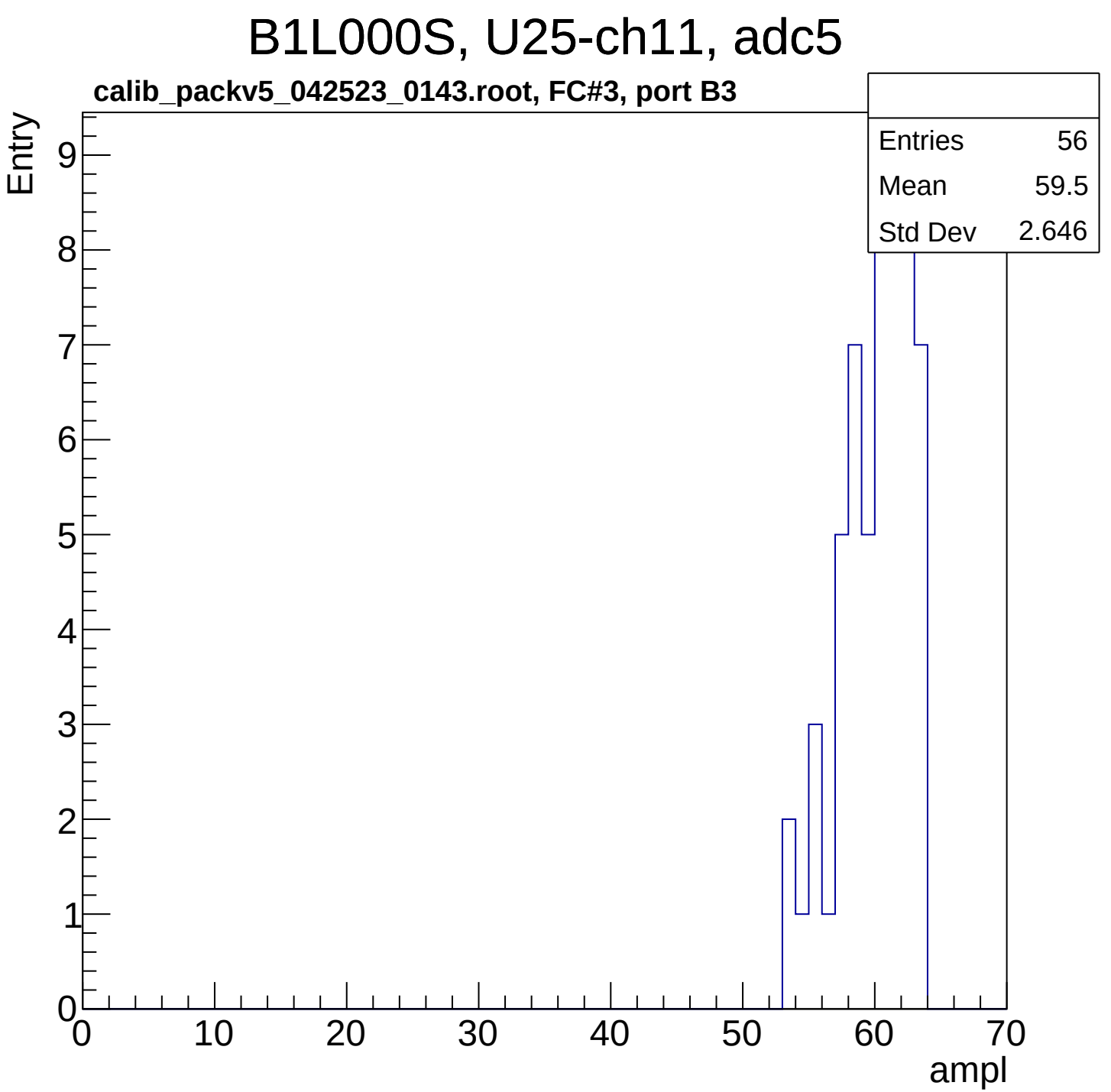
B1L000S, U25-ch11, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 59.5
Std Dev 2.646
Entry
0
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4
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7
8
9
0
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30
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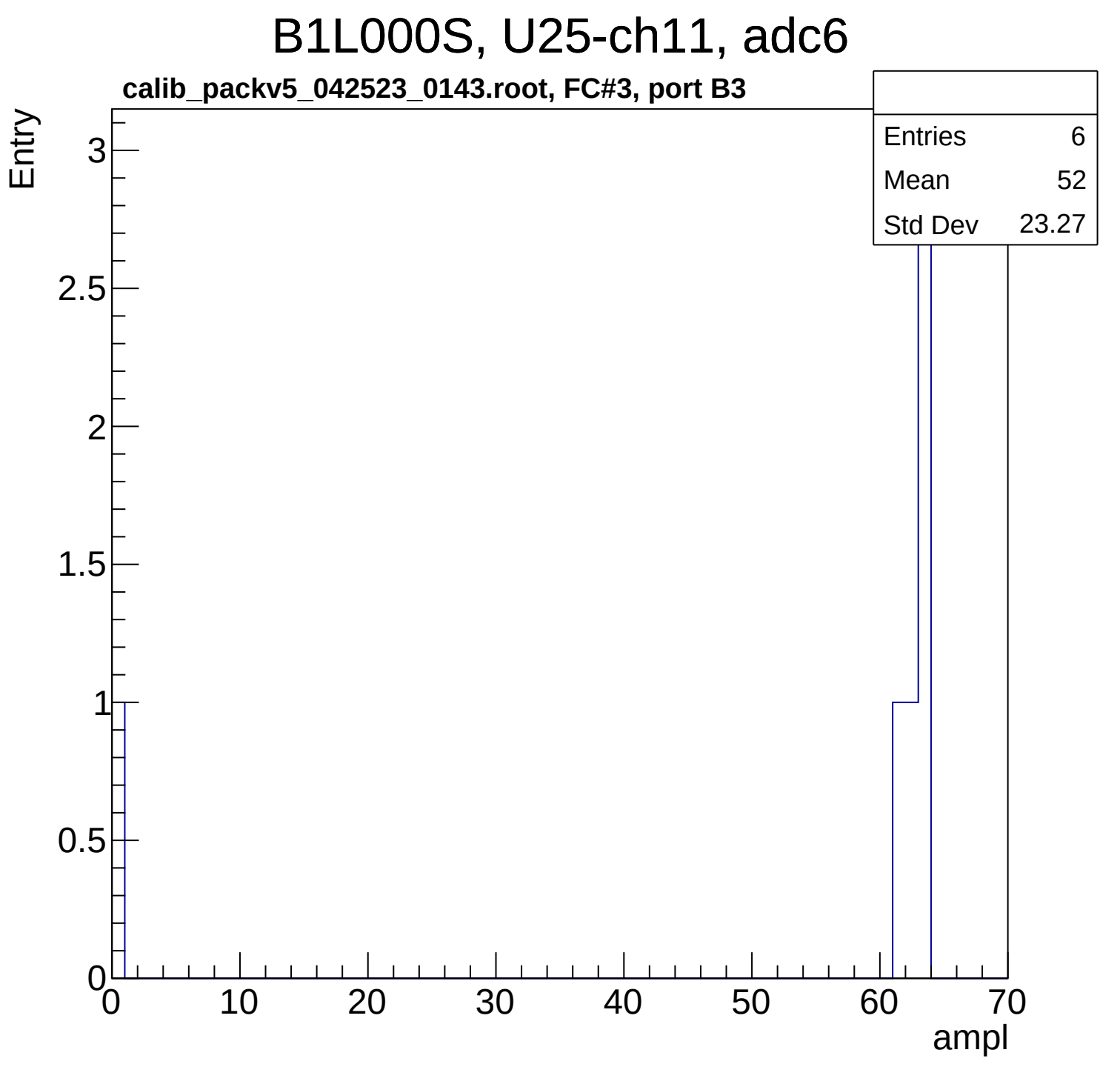
50
60
70
ampl


B1L000S, U25-ch11, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 52
Std Dev 23.27
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
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20
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40
50
60
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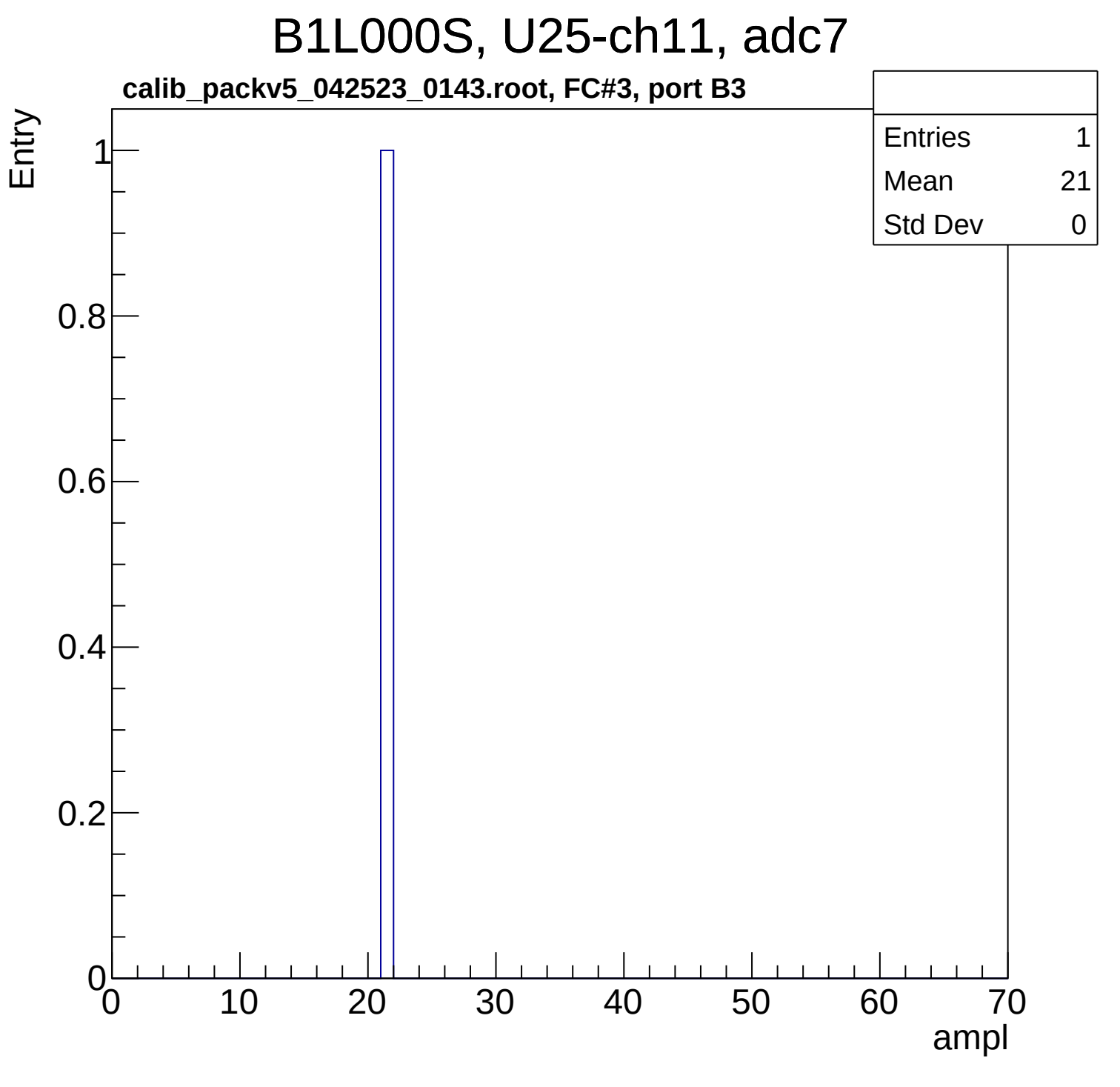
B1L000S, U25-ch11, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 21
Std Dev 0
Entry
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0.8
0.6
0.4
0.2
0
0
10
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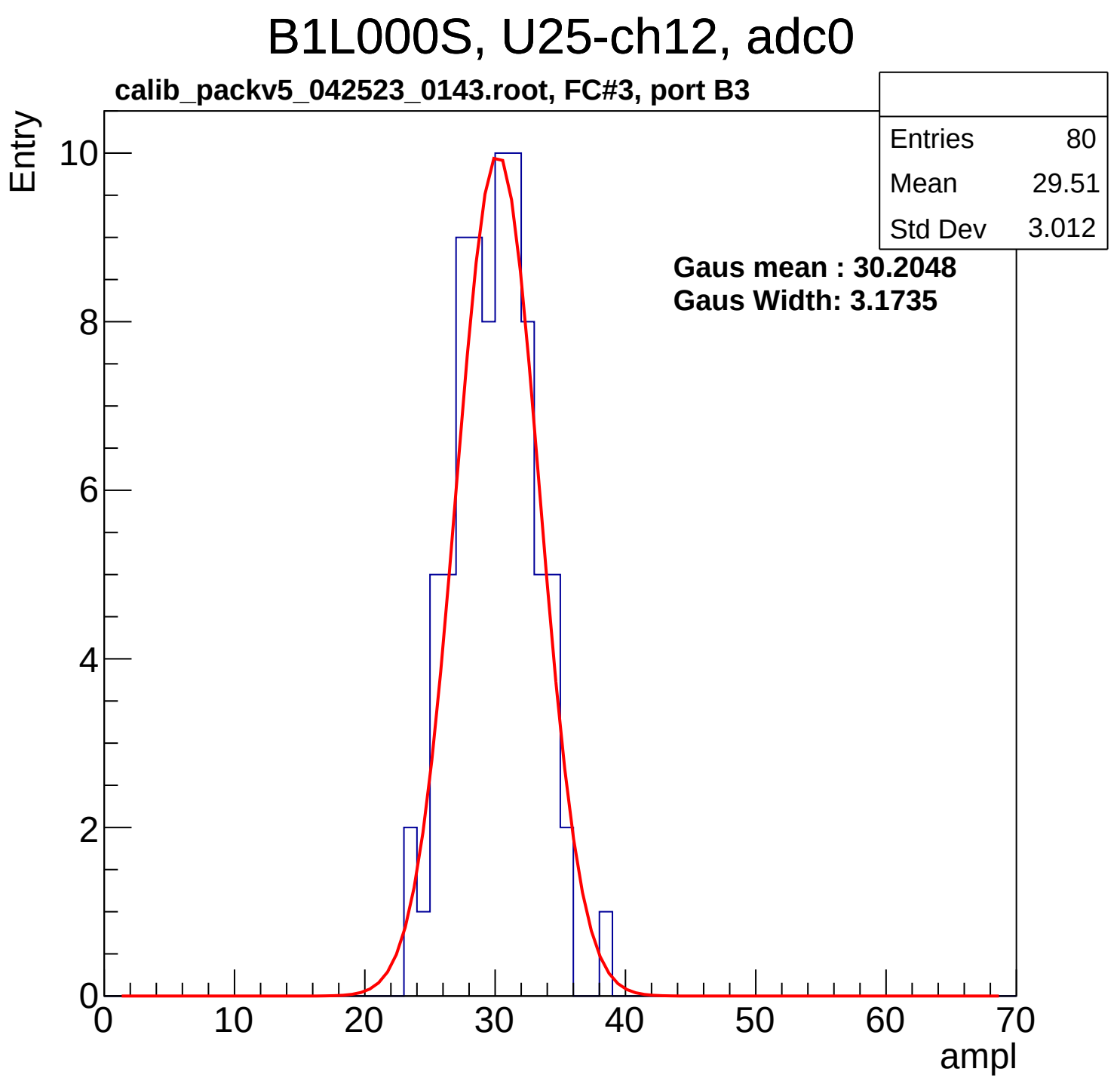
50
60
70
ampl


B1L000S, U25-ch12, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 80
Mean 29.51
Std Dev 3.012
Gaus mean : 30.2048
Gaus Width: 3.1735
Entry
ampl
0
2
4
6
8
10
0
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40
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60
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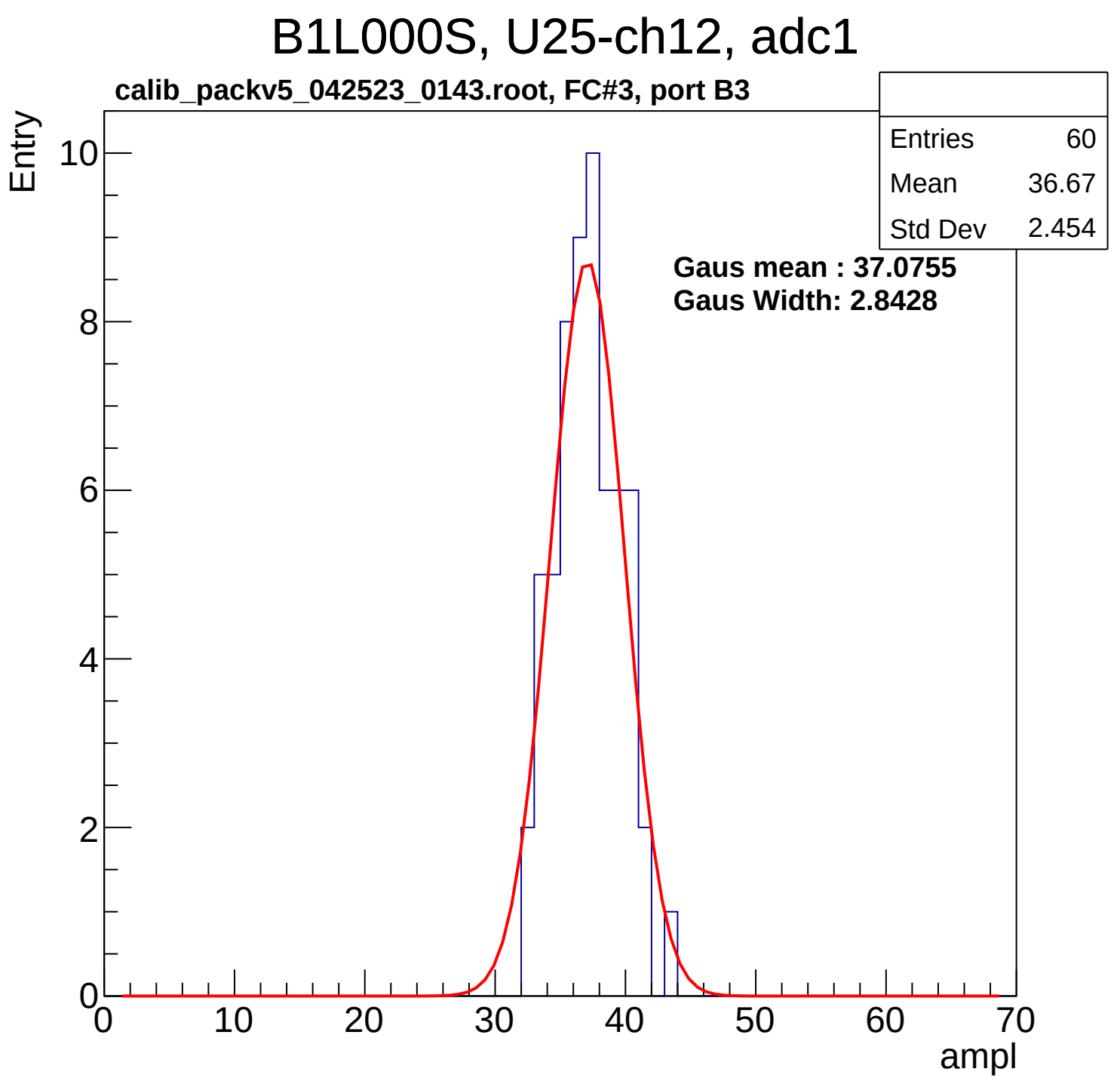
B1L000S, U25-ch12, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 36.67
Std Dev 2.454
Gaus mean : 37.0755
Gaus Width: 2.8428
Entry
ampl
0
2
4
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8
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0
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40
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60
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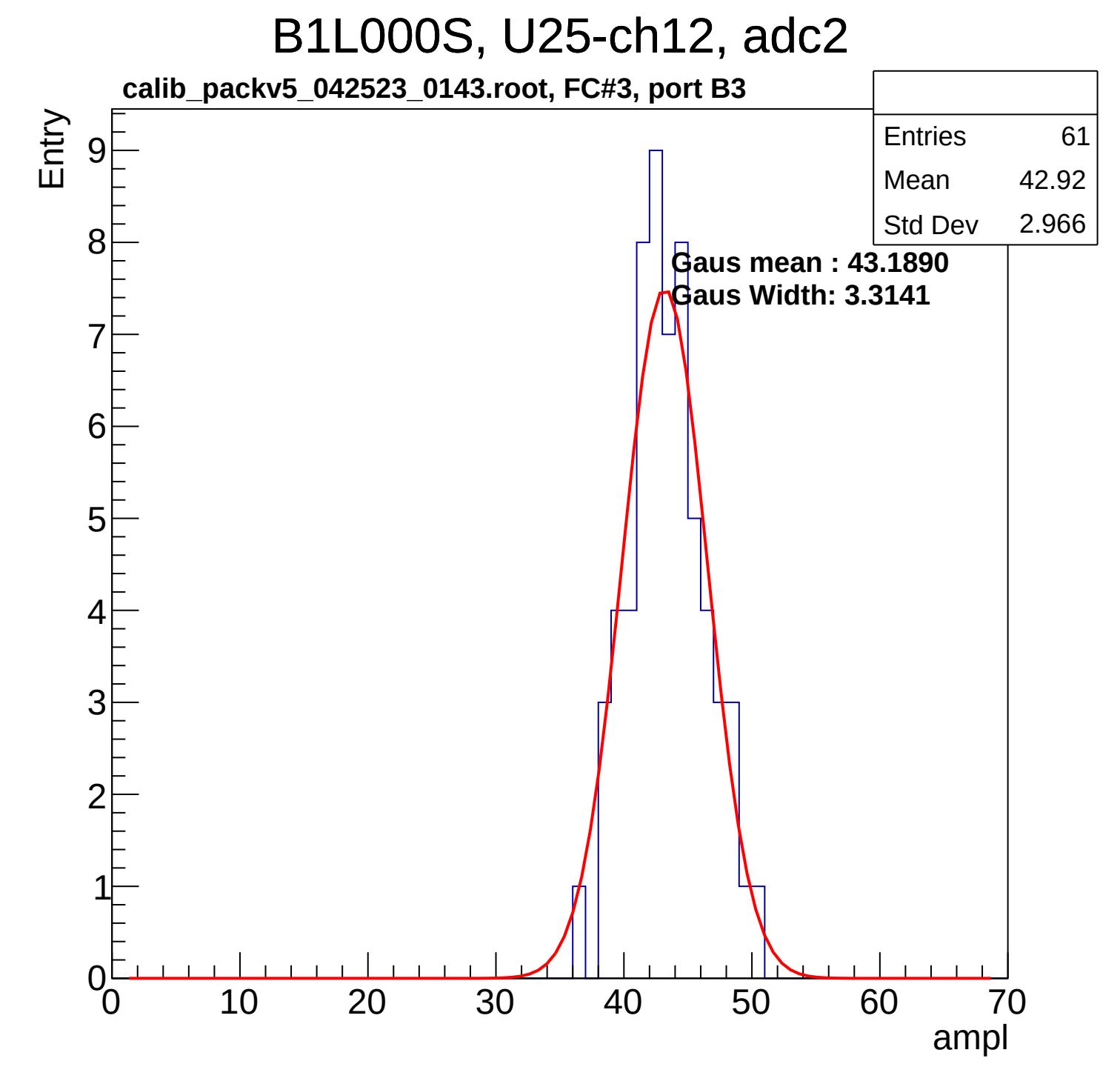
B1L000S, U25-ch12, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 42.92
Std Dev 2.966
Gaus mean : 43.1890
Gaus Width: 3.3141
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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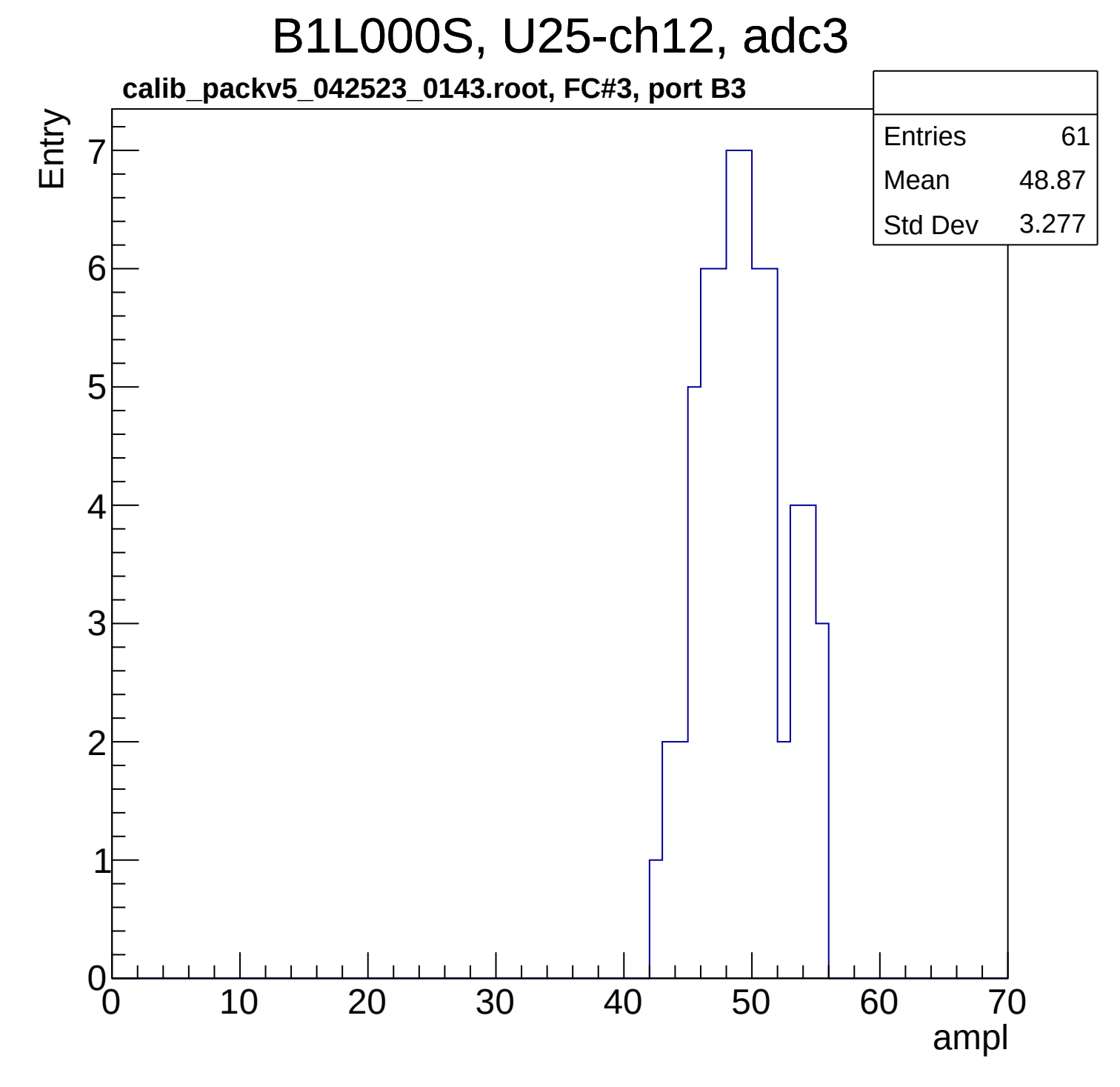
B1L000S, U25-ch12, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 48.87
Std Dev 3.277
Entry
ampl
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2
3
4
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6
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0
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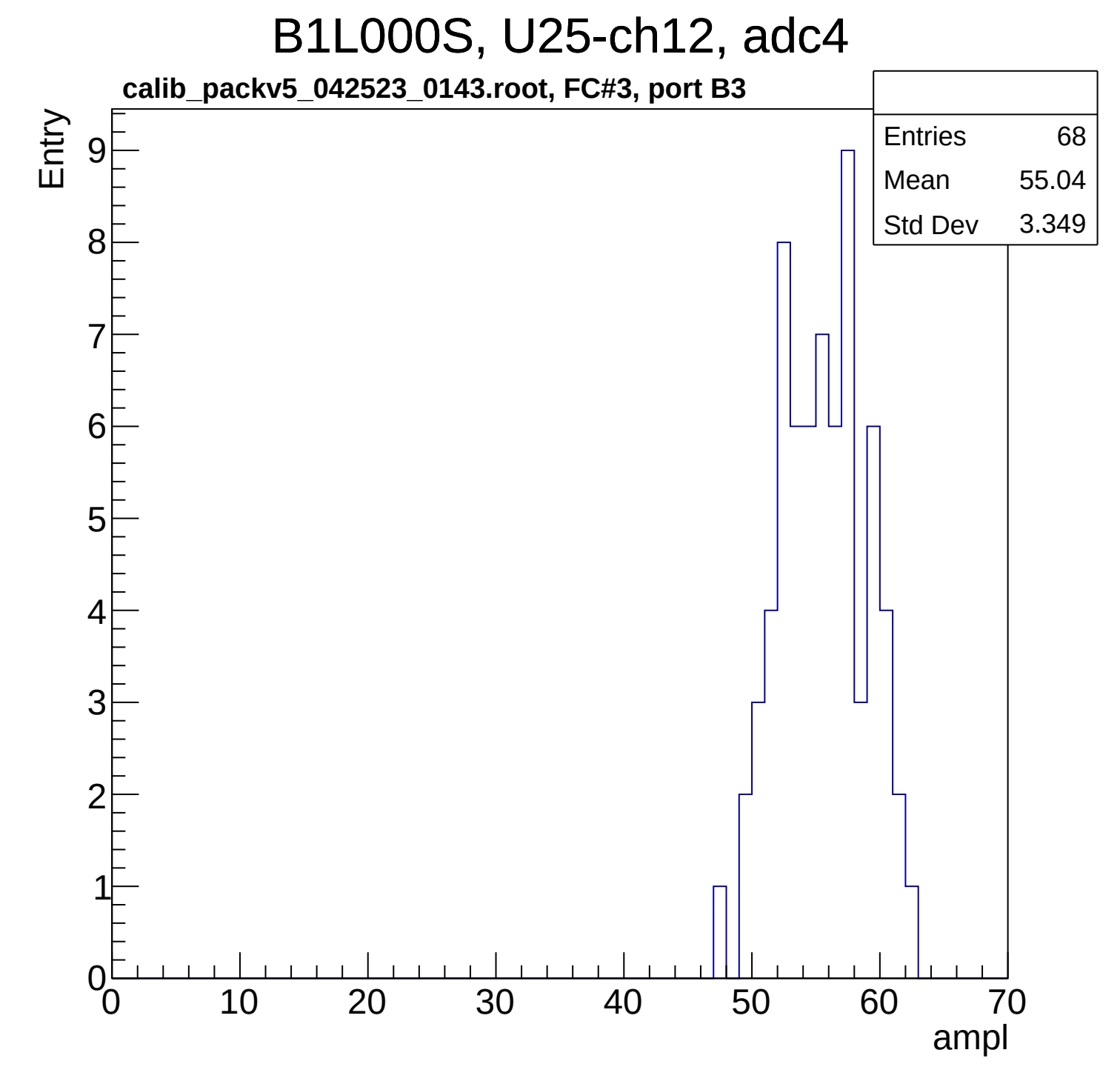
B1L000S, U25-ch12, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 55.04
Std Dev 3.349
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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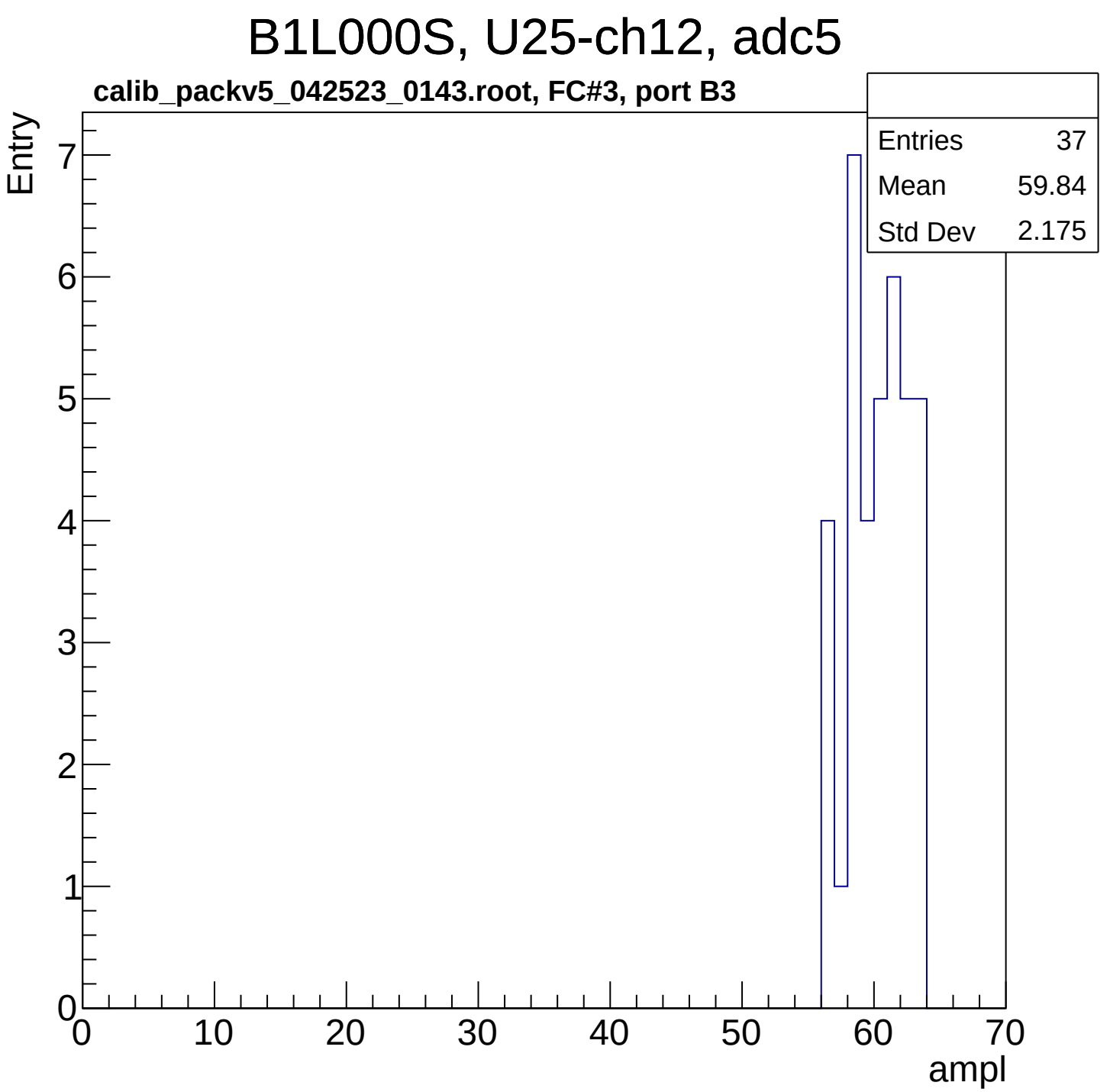
B1L000S, U25-ch12, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 37
Mean 59.84
Std Dev 2.175
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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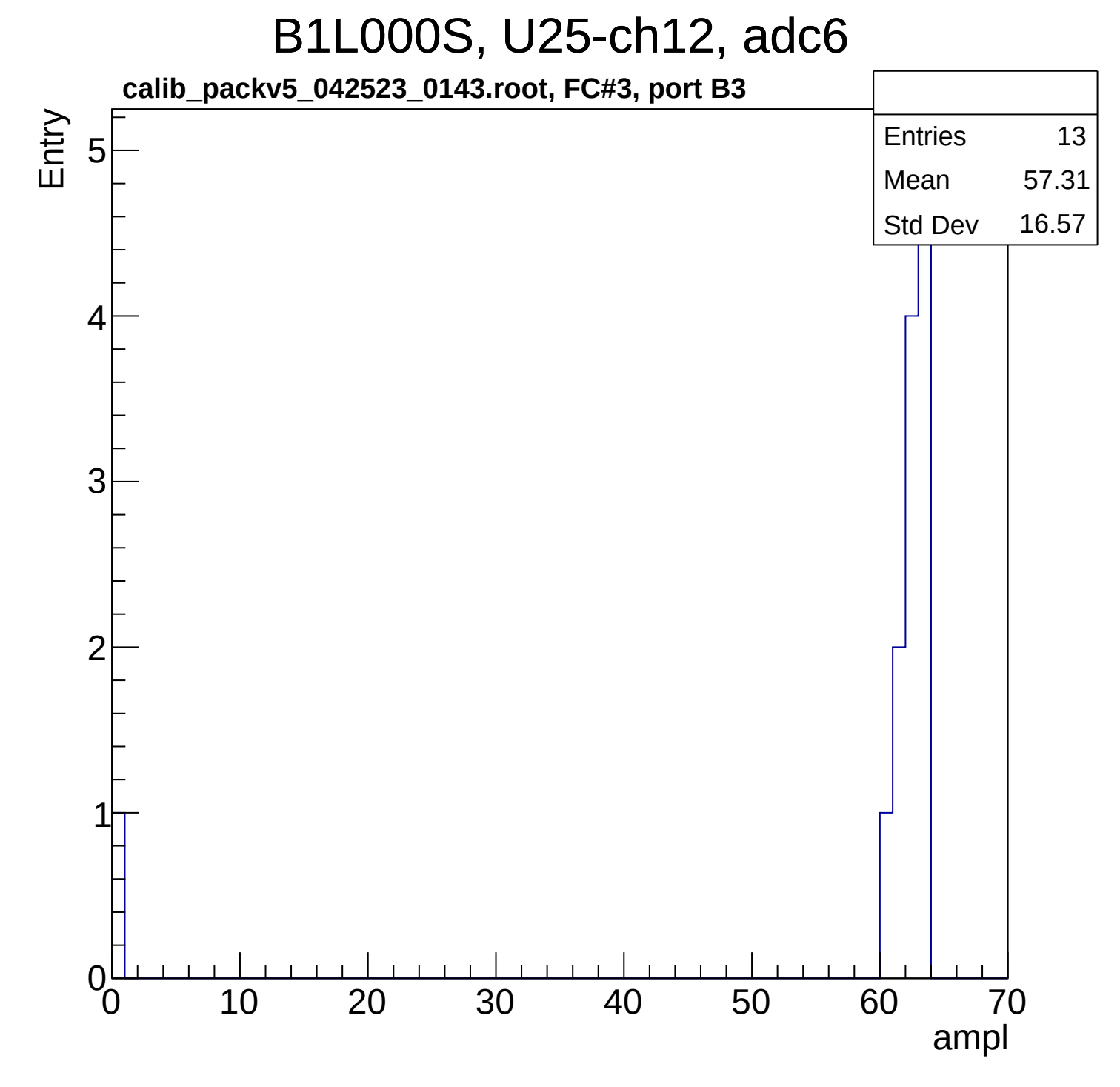
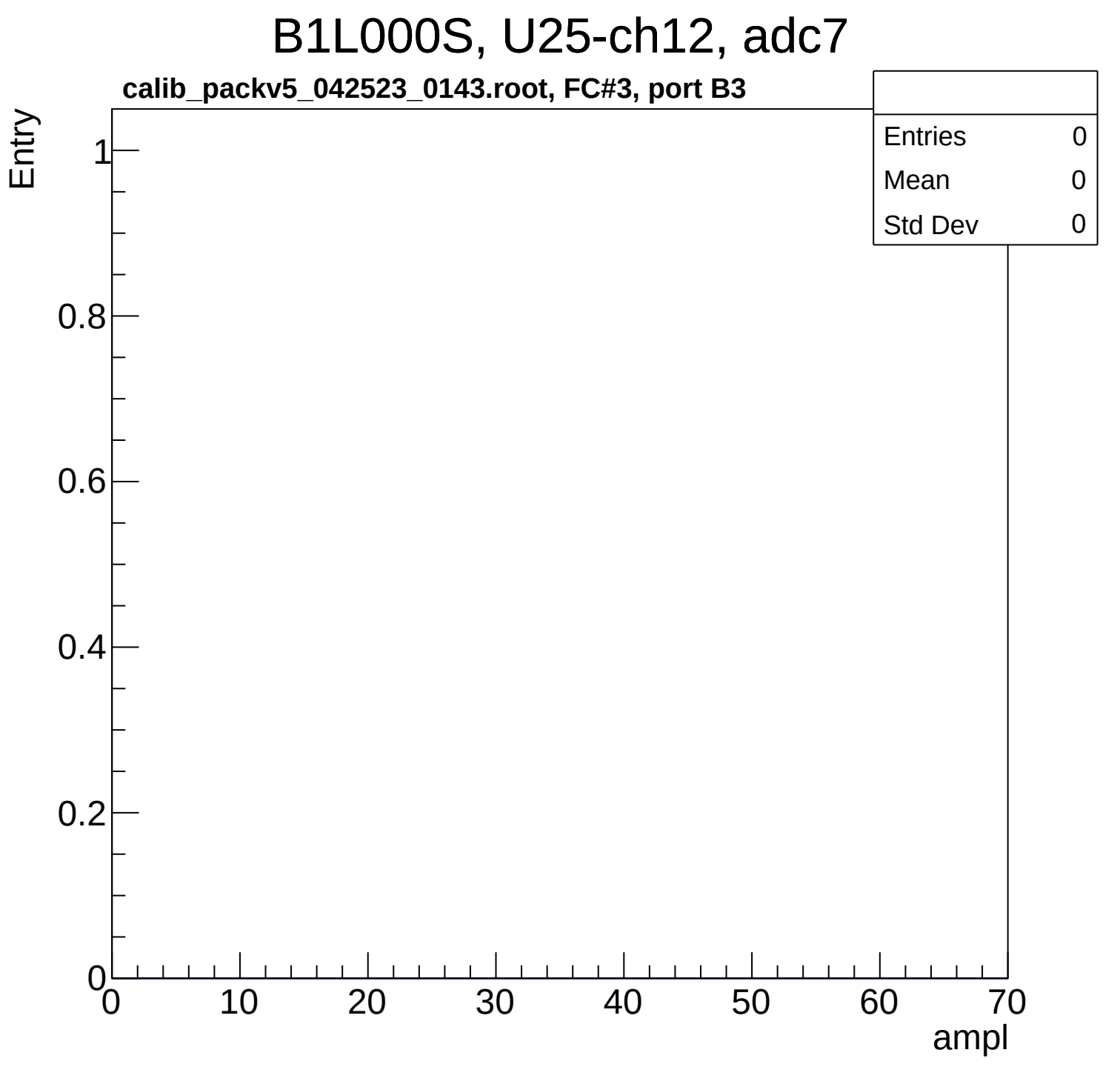

B1L000S, U25-ch12, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 57.31
Std Dev 16.57
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch12, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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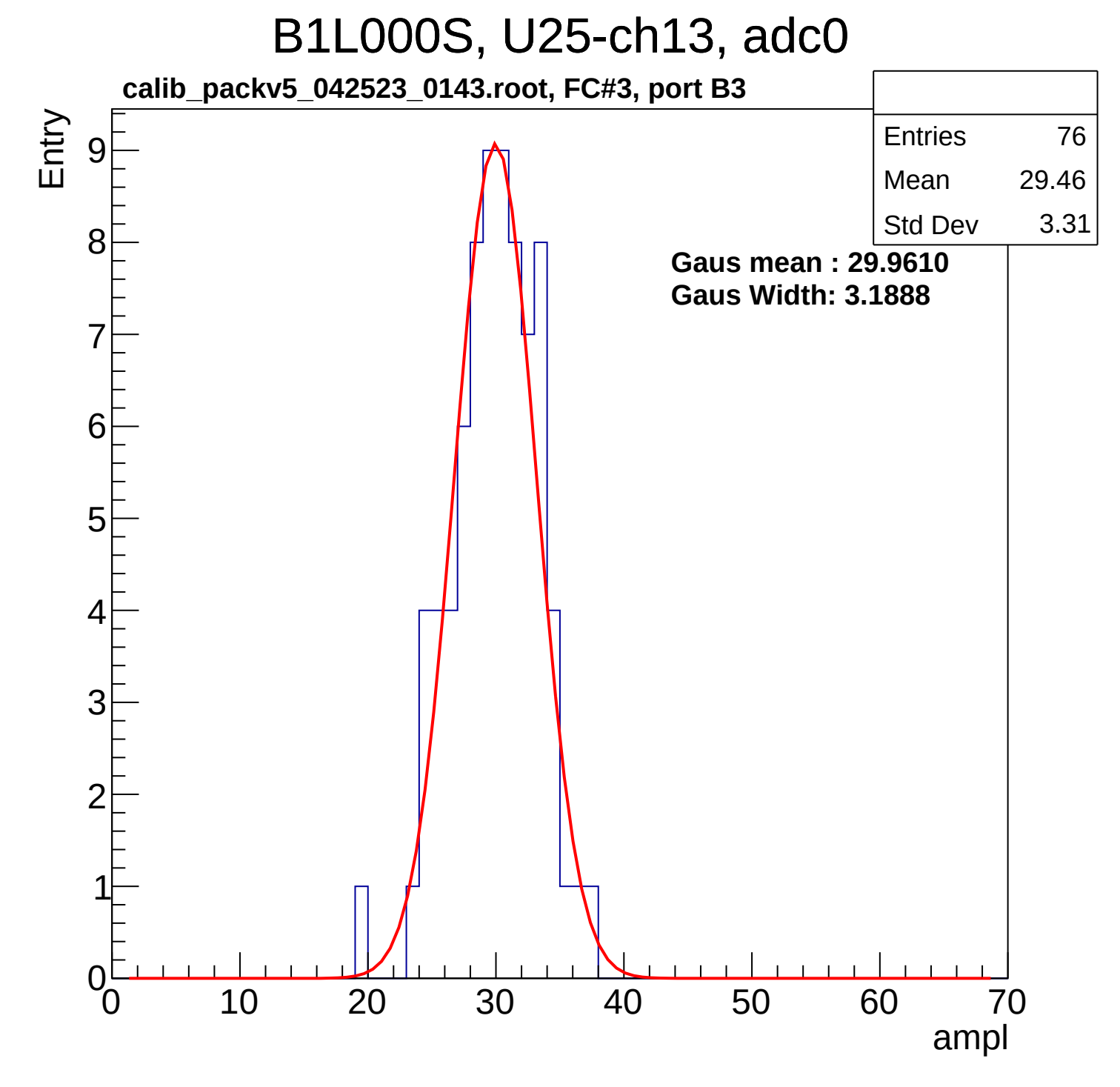
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch13, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 29.46
Std Dev 3.31
Gaus mean : 29.9610
Gaus Width: 3.1888
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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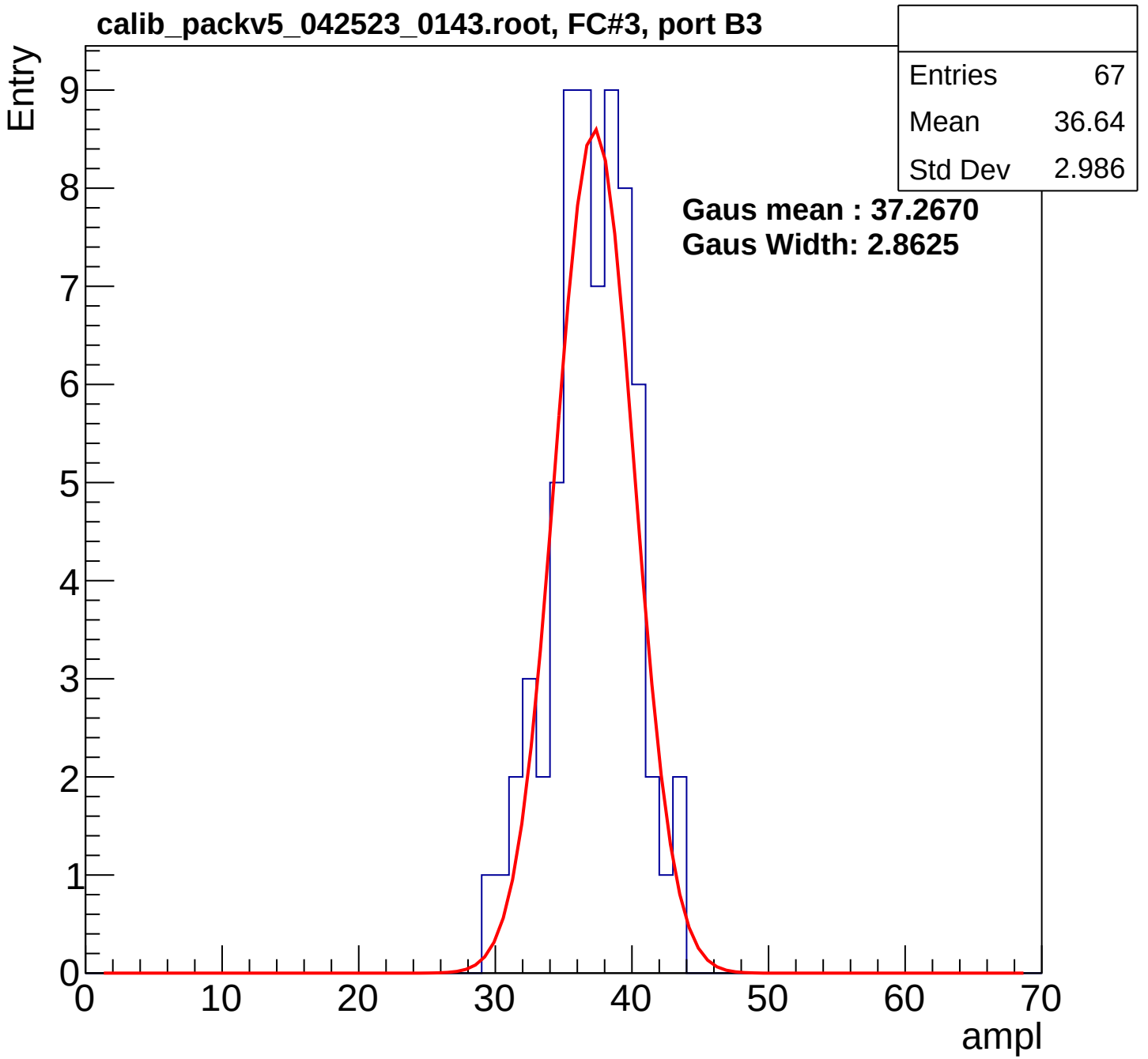
B1L000S, U25-ch13, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 36.64
Std Dev 2.986
Gaus mean : 37.2670
Gaus Width: 2.8625
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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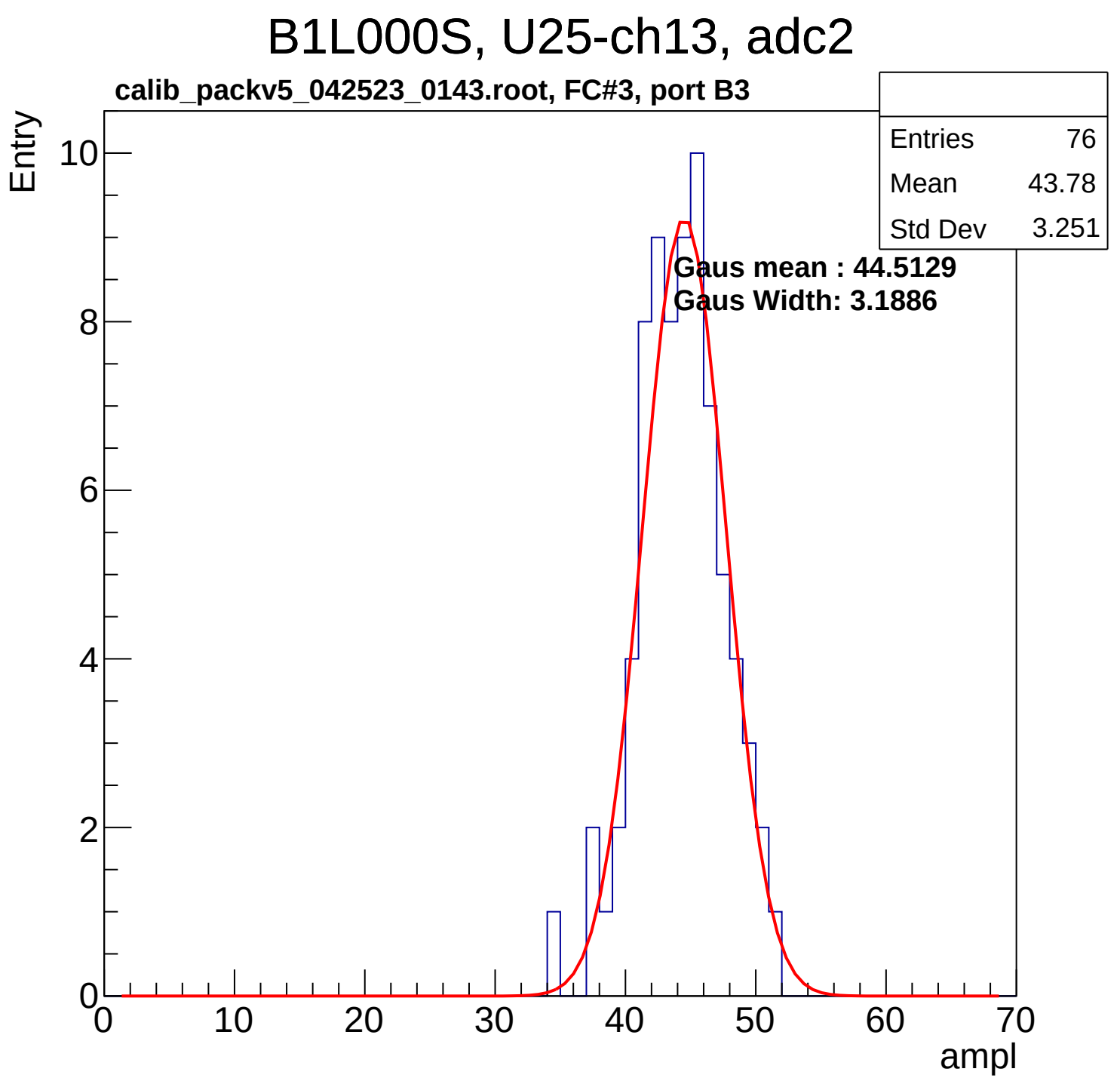
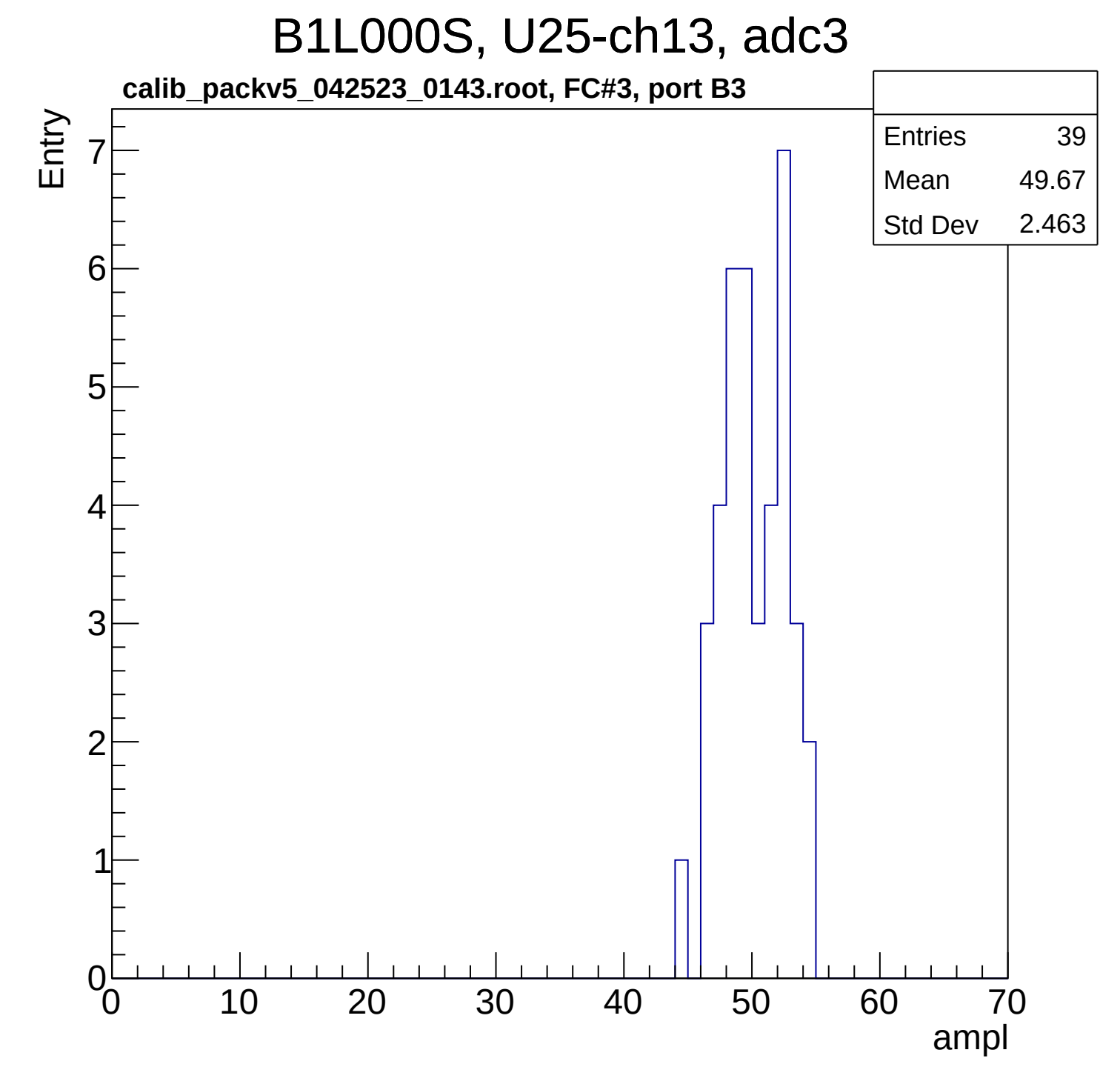
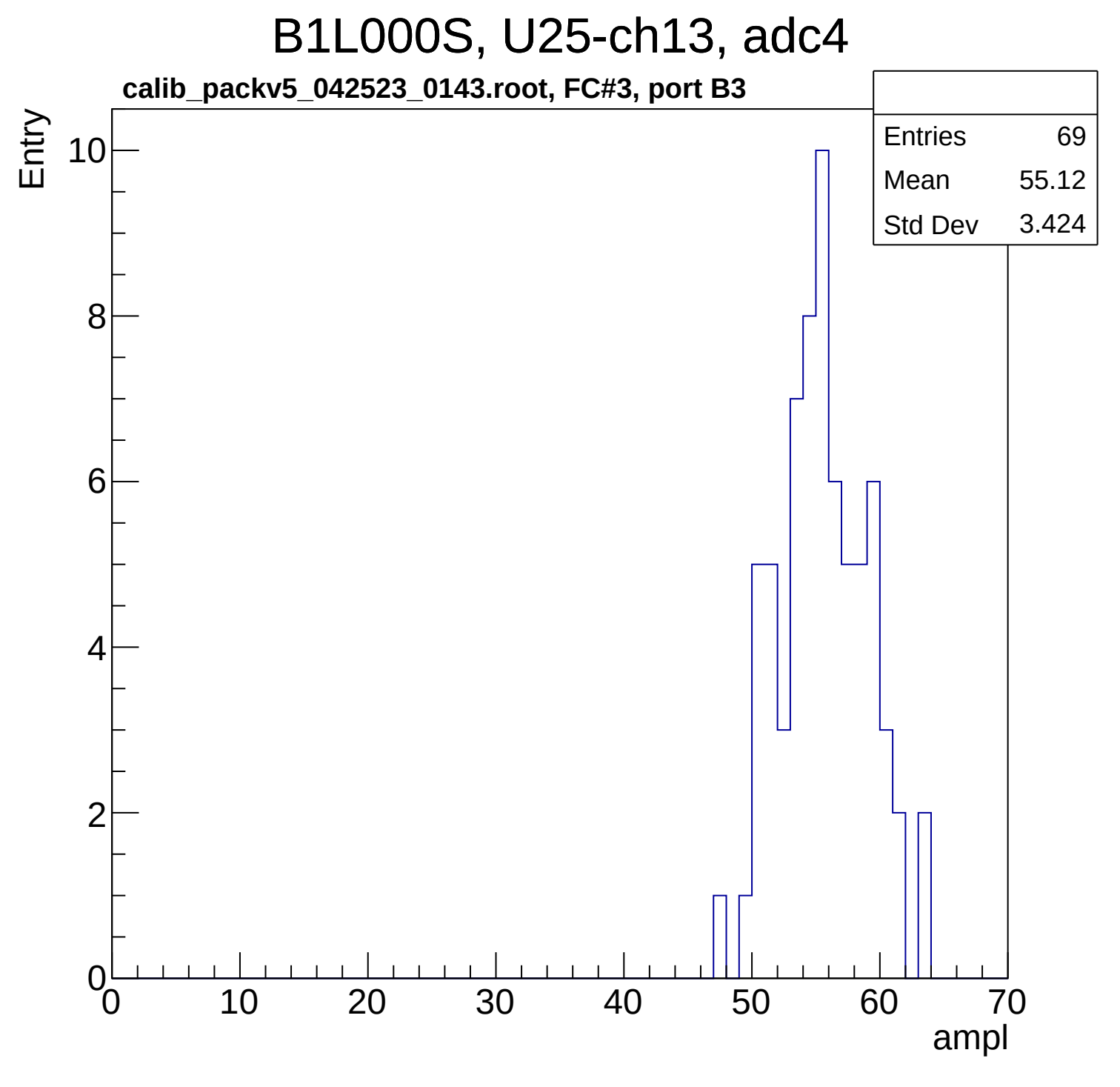

B1L000S, U25-ch13, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 43.78
Std Dev 3.251
Gaus mean : 44.5129
Gaus Width: 3.1886
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch13, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 39
Mean 49.67
Std Dev 2.463
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U25-ch13, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 55.12
Std Dev 3.424
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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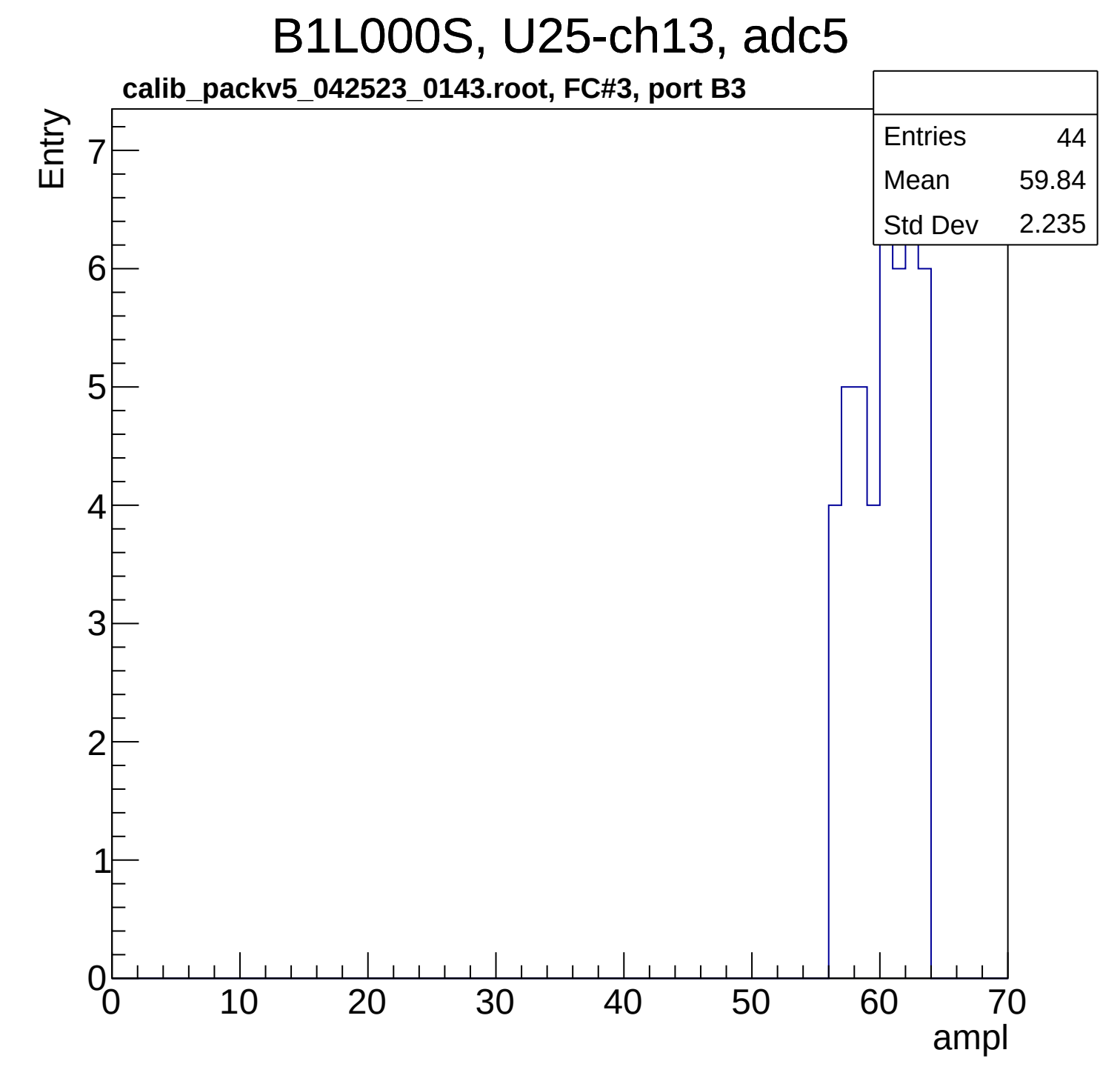
B1L000S, U25-ch13, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 59.84
Std Dev 2.235
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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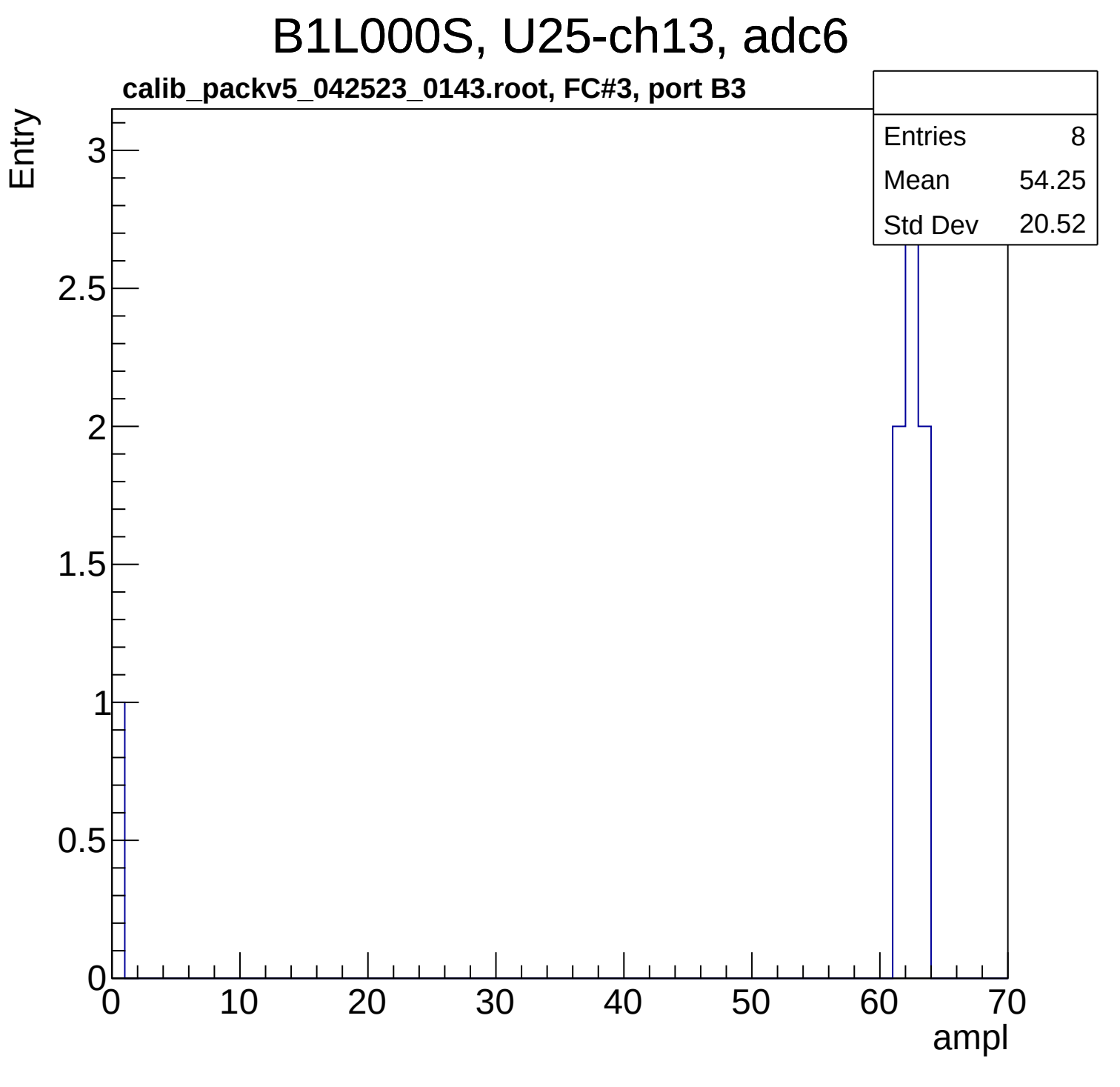
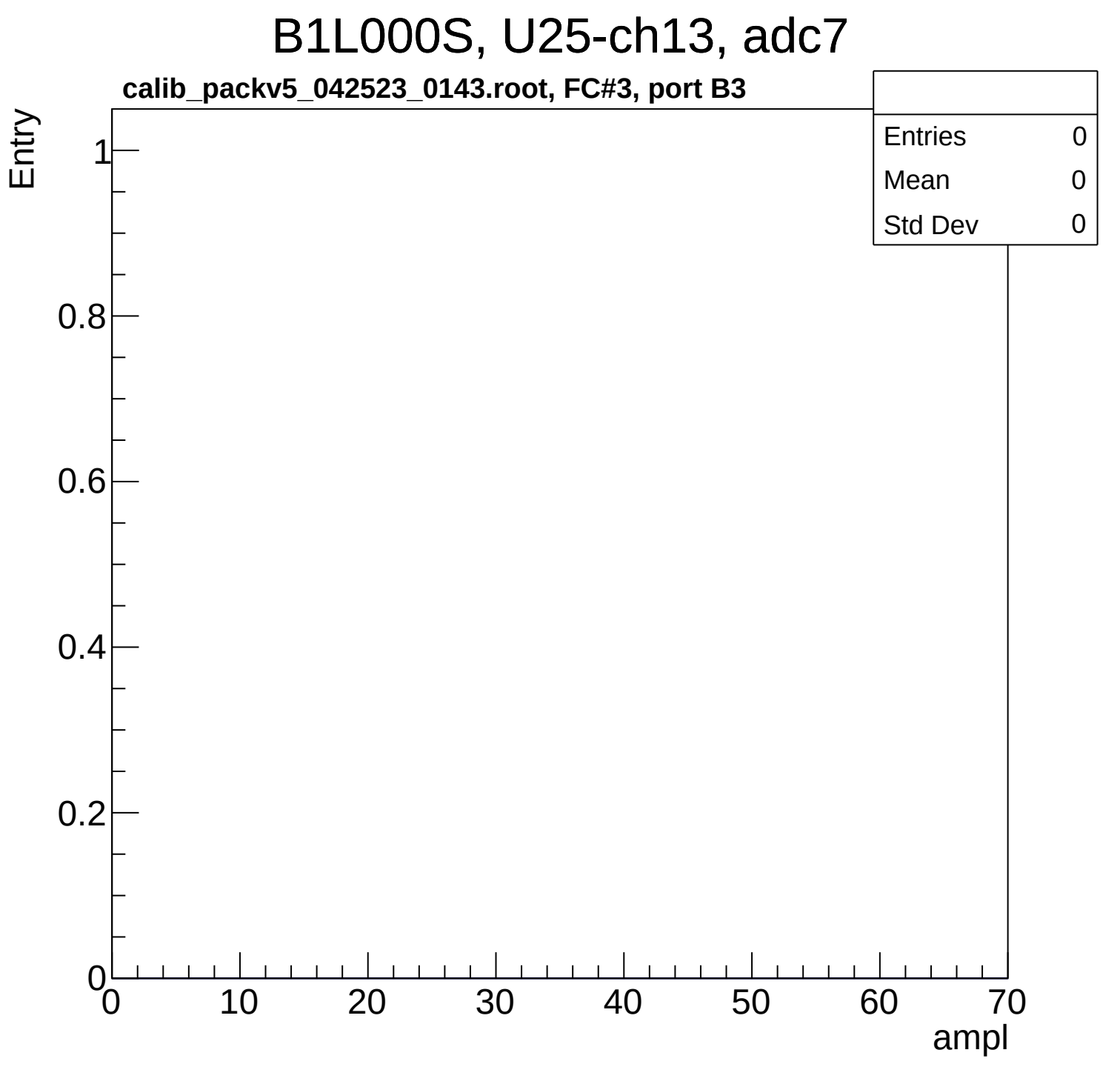

B1L000S, U25-ch13, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 54.25
Std Dev 20.52
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U25-ch13, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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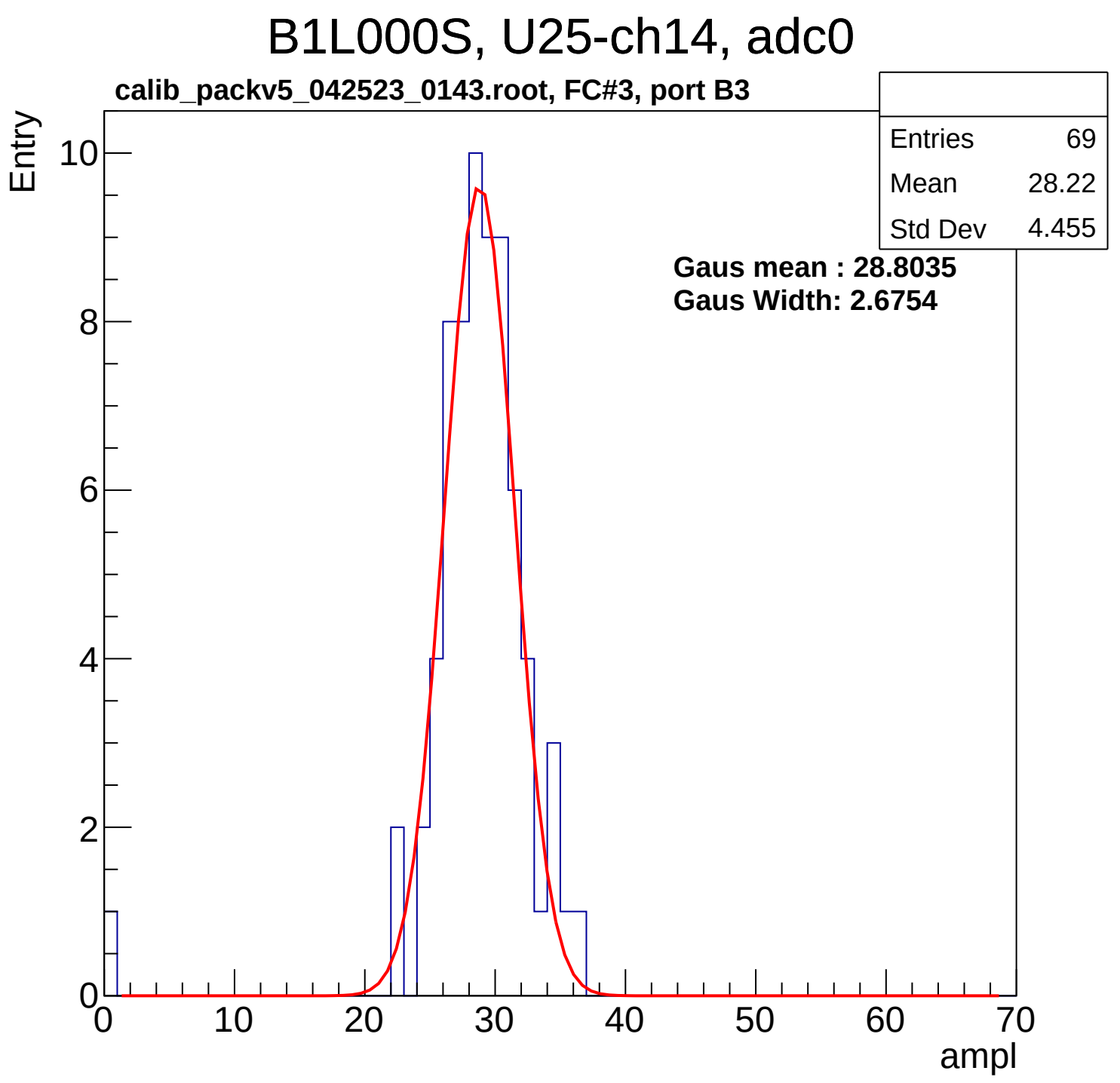
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch14, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 28.22
Std Dev 4.455
Gaus mean : 28.8035
Gaus Width: 2.6754
Entry
ampl
0
2
4
6
8
10
0
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20
30
40
50
60
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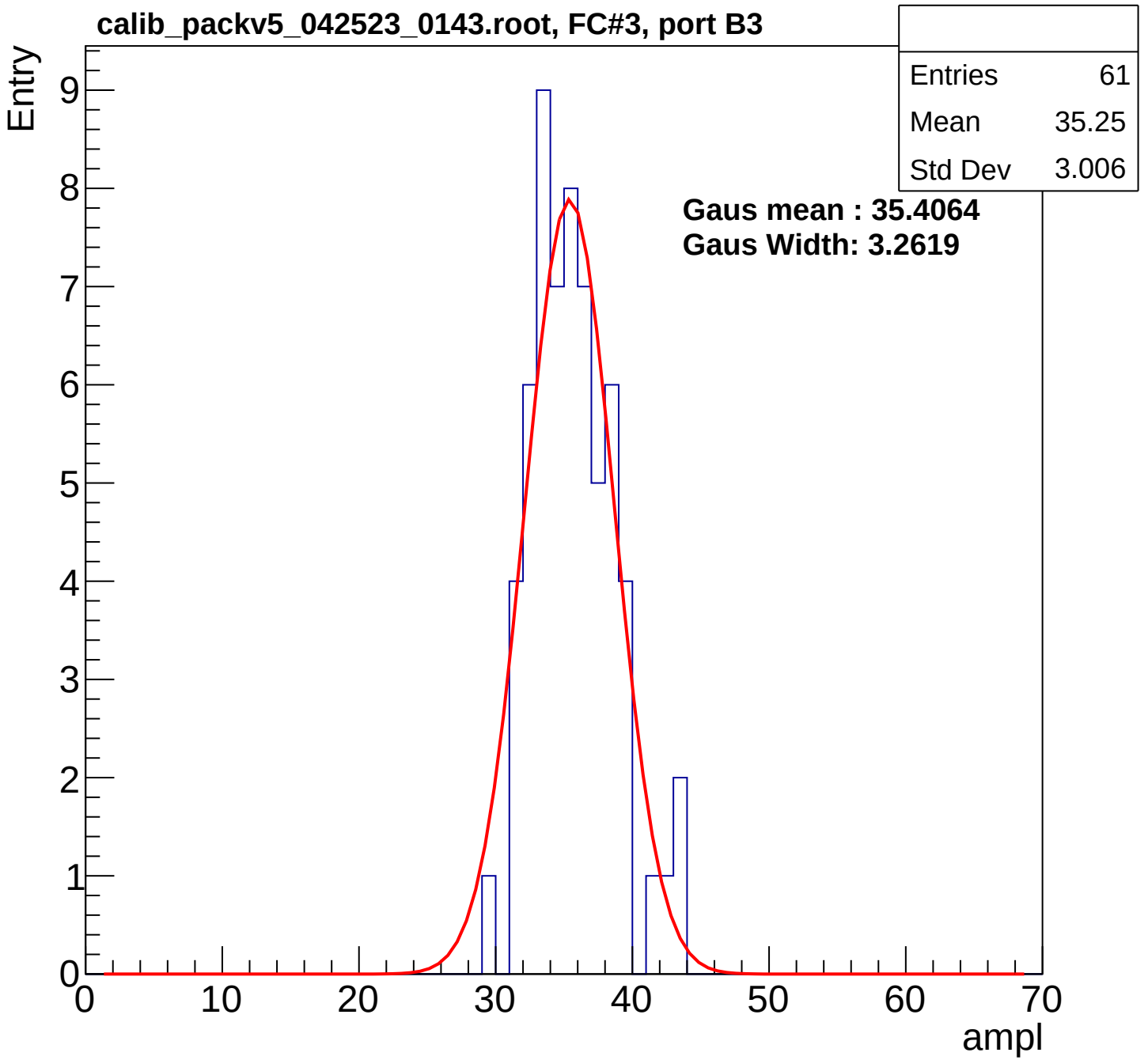
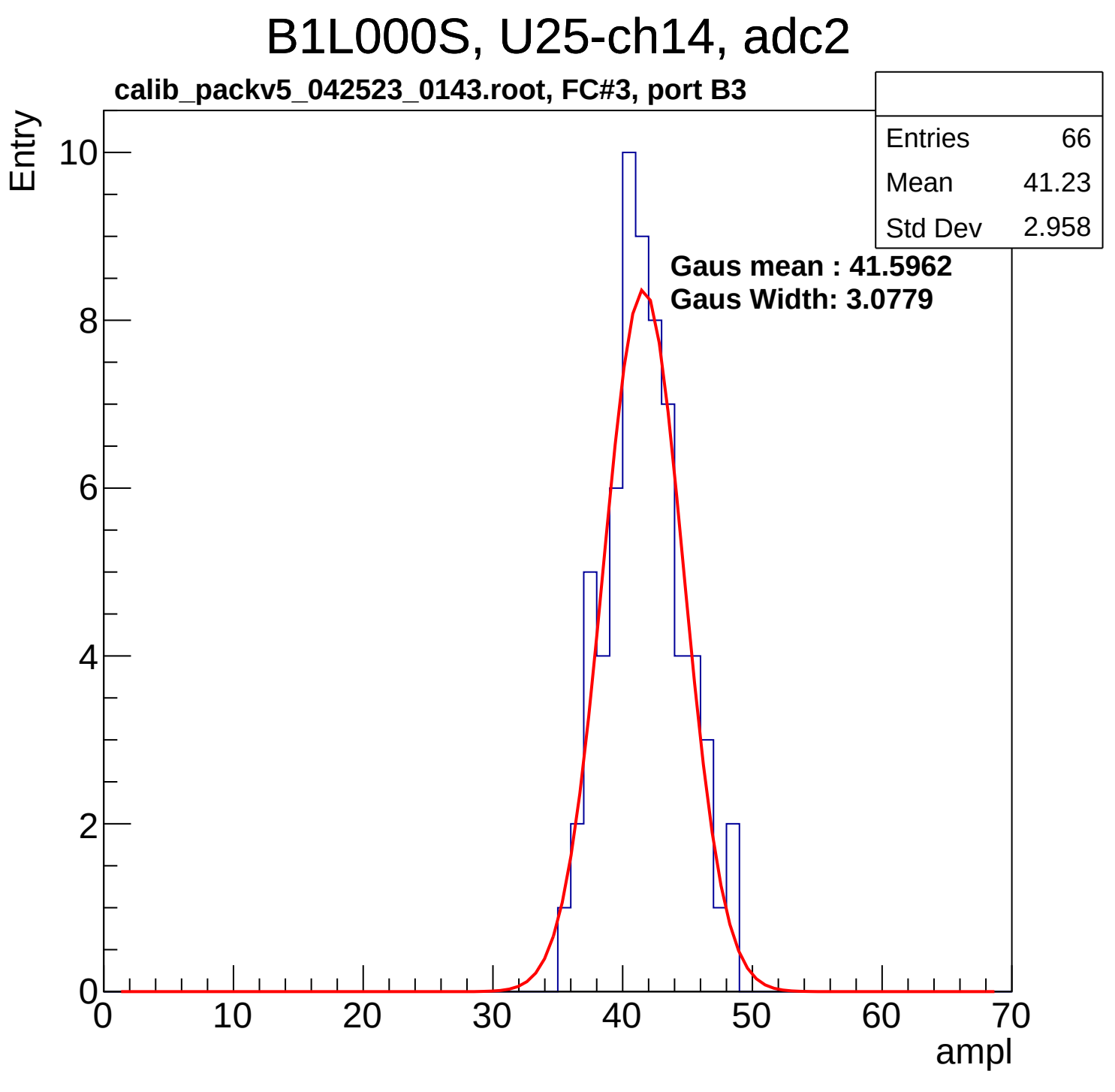
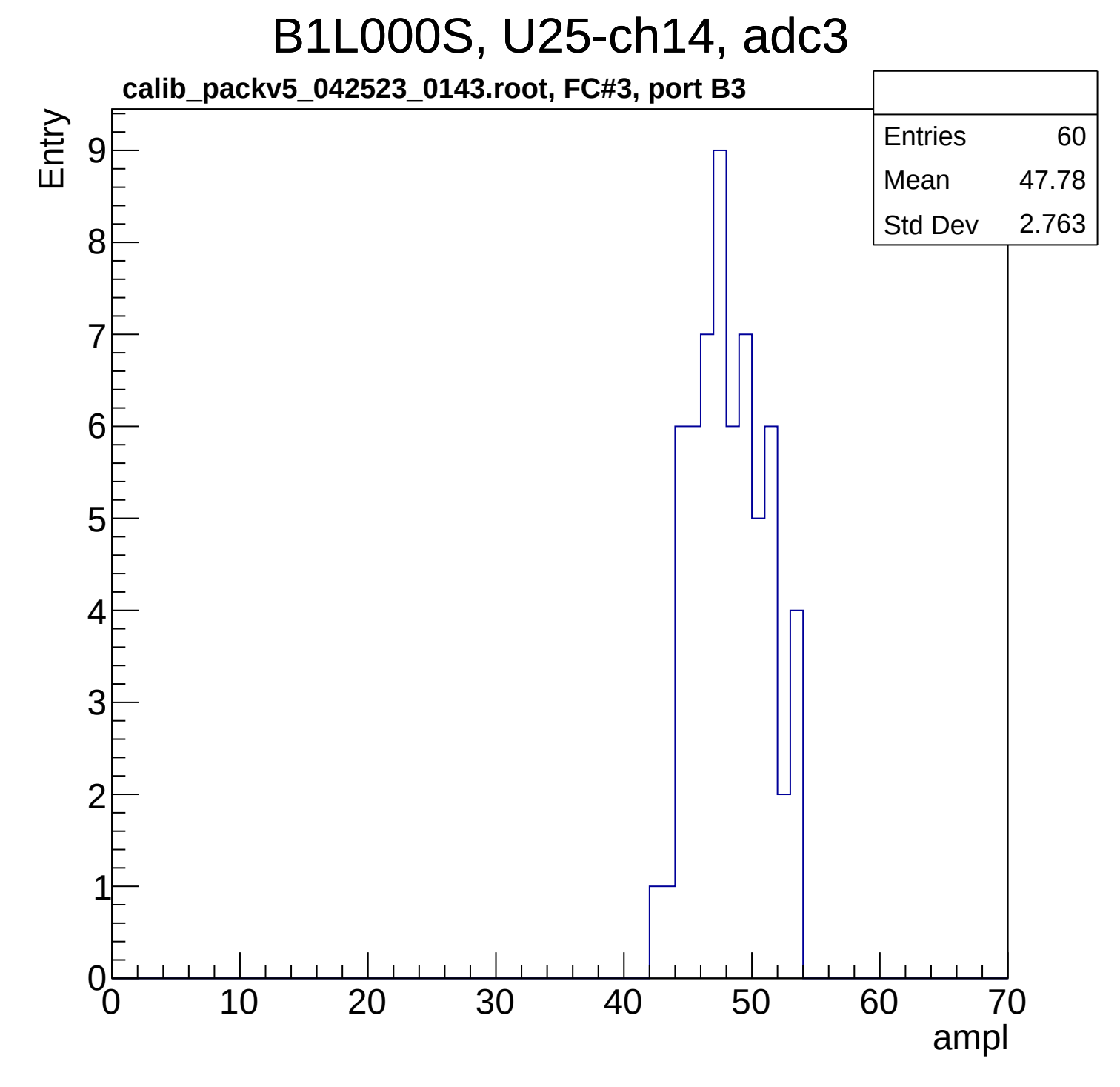

B1L000S, U25-ch14, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 35.25
Std Dev 3.006
Gaus mean : 35.4064
Gaus Width: 3.2619
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch14, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 41.23
Std Dev 2.958
Gaus mean : 41.5962
Gaus Width: 3.0779
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch14, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 47.78
Std Dev 2.763
Entry
ampl
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3
4
5
6
7
8
9
0
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60
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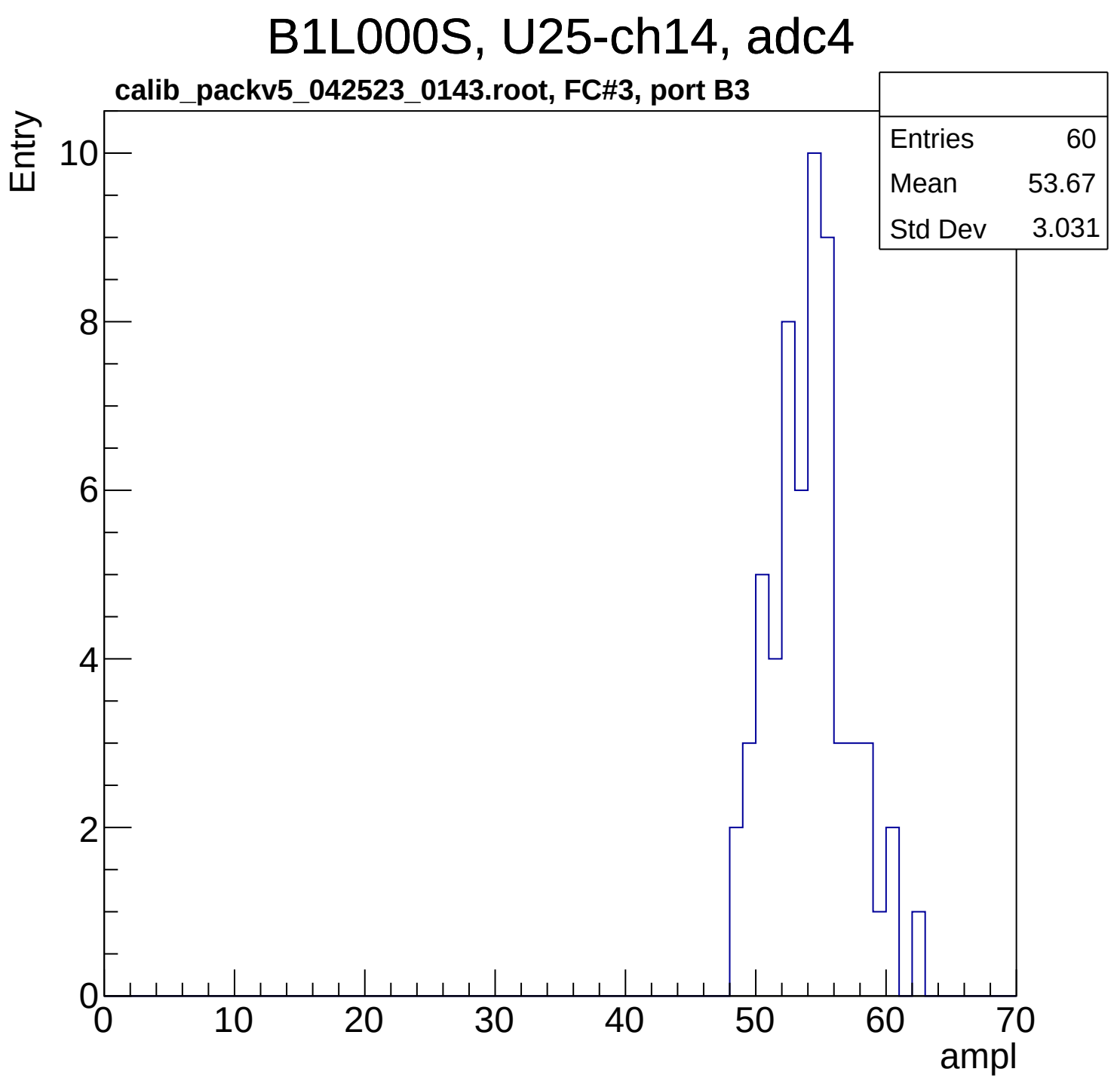
B1L000S, U25-ch14, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 53.67
Std Dev 3.031
Entry
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6
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10
0
10
20
30
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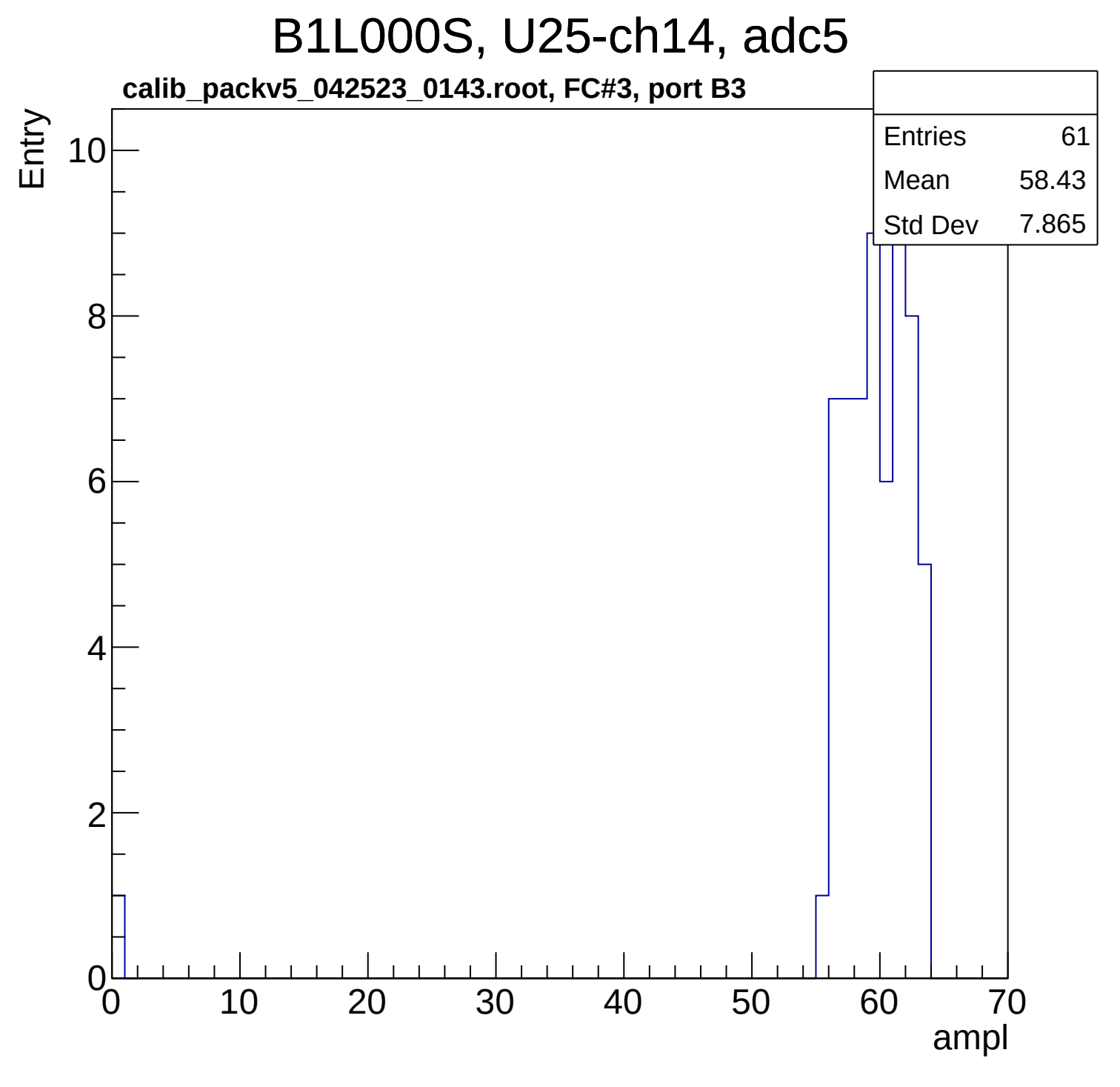
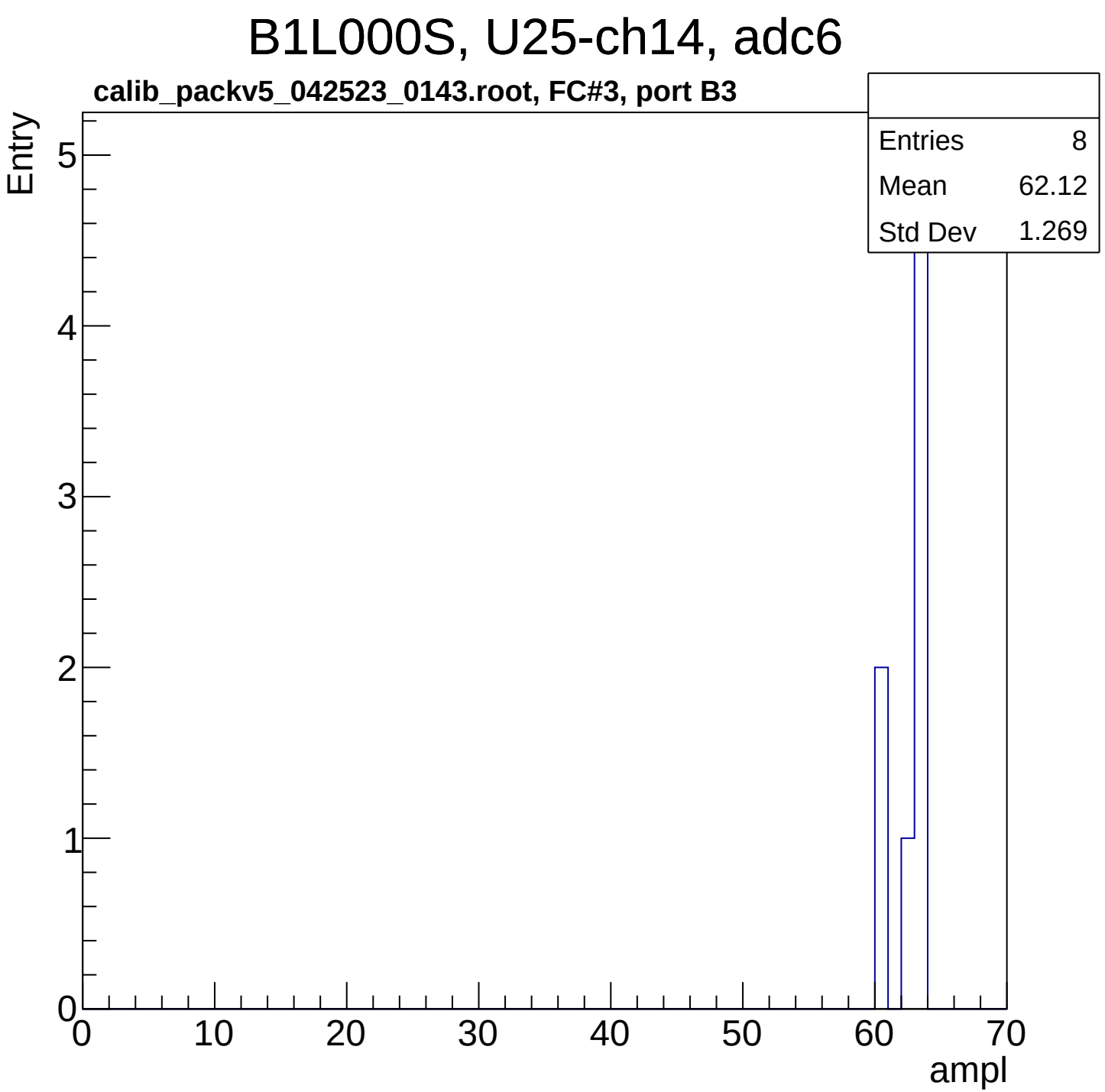
50
60
70
ampl


B1L000S, U25-ch14, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 58.43
Std Dev 7.865
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch14, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 62.12
Std Dev 1.269
Entry
ampl
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4
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0
10
20
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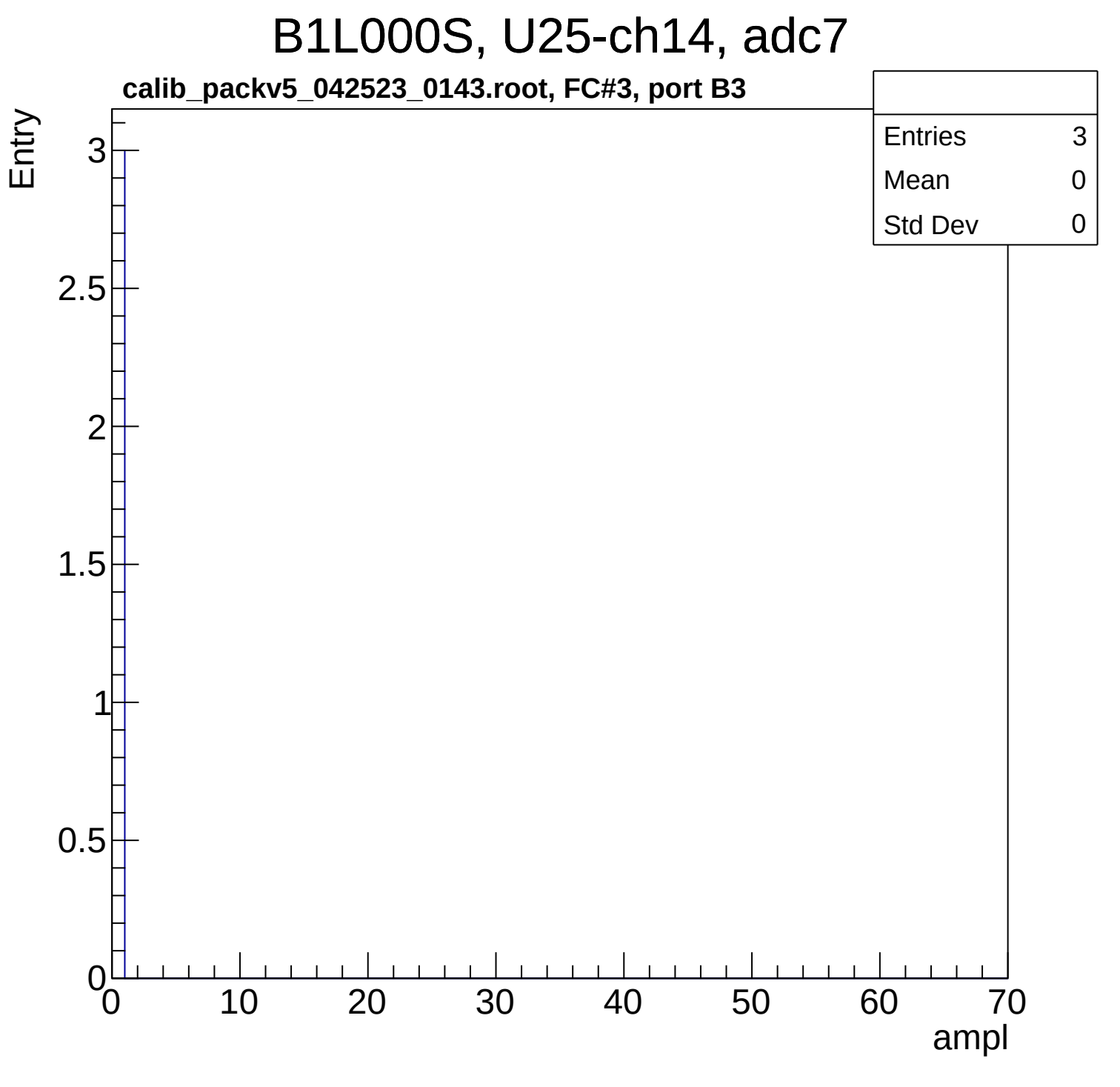
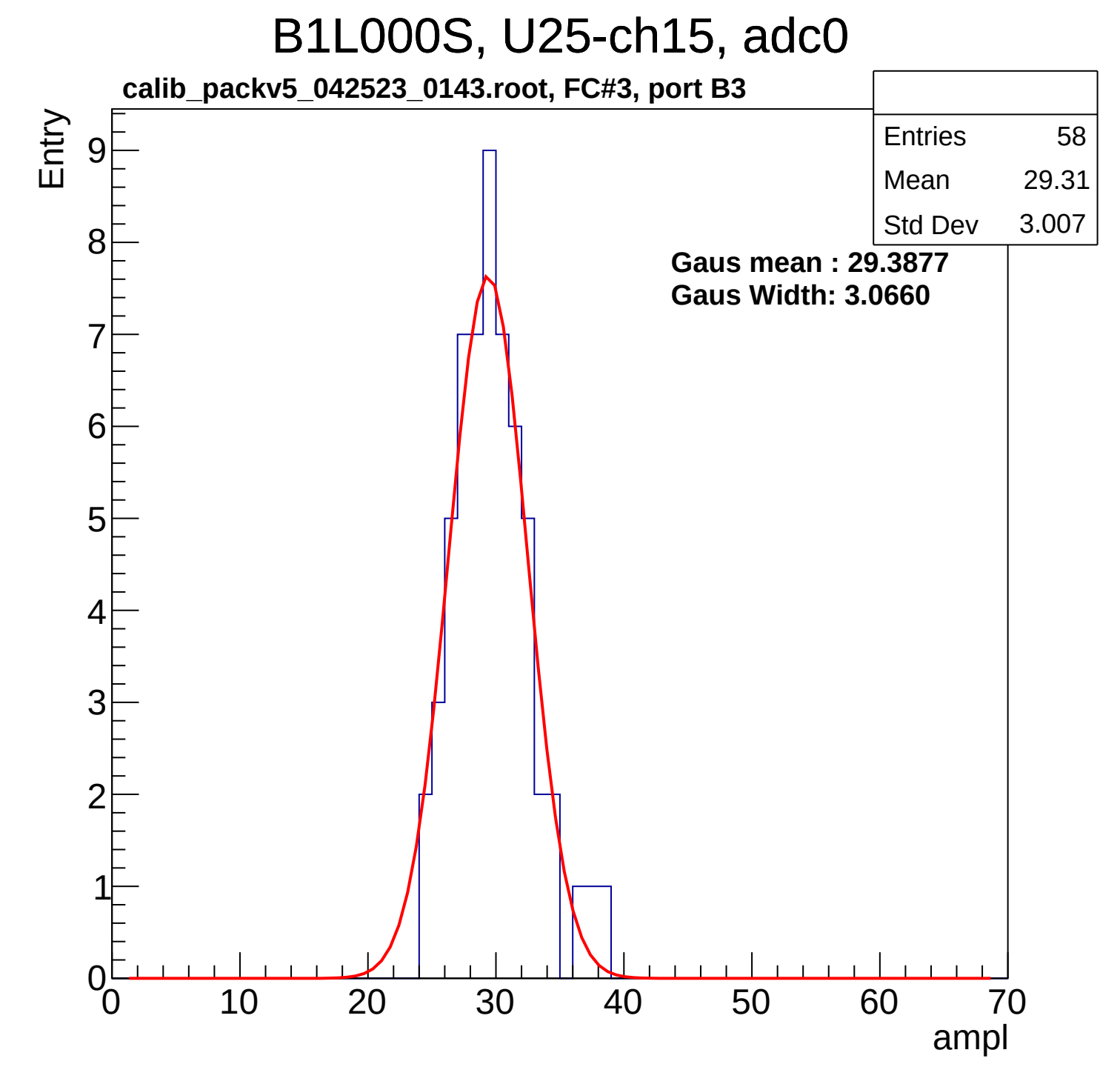
40
50
60
70


B1L000S, U25-ch14, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 0
Std Dev 0
Entry
3
2.5
2
1.5
1
0.5
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch15, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 29.31
Std Dev 3.007
Gaus mean : 29.3877
Gaus Width: 3.0660
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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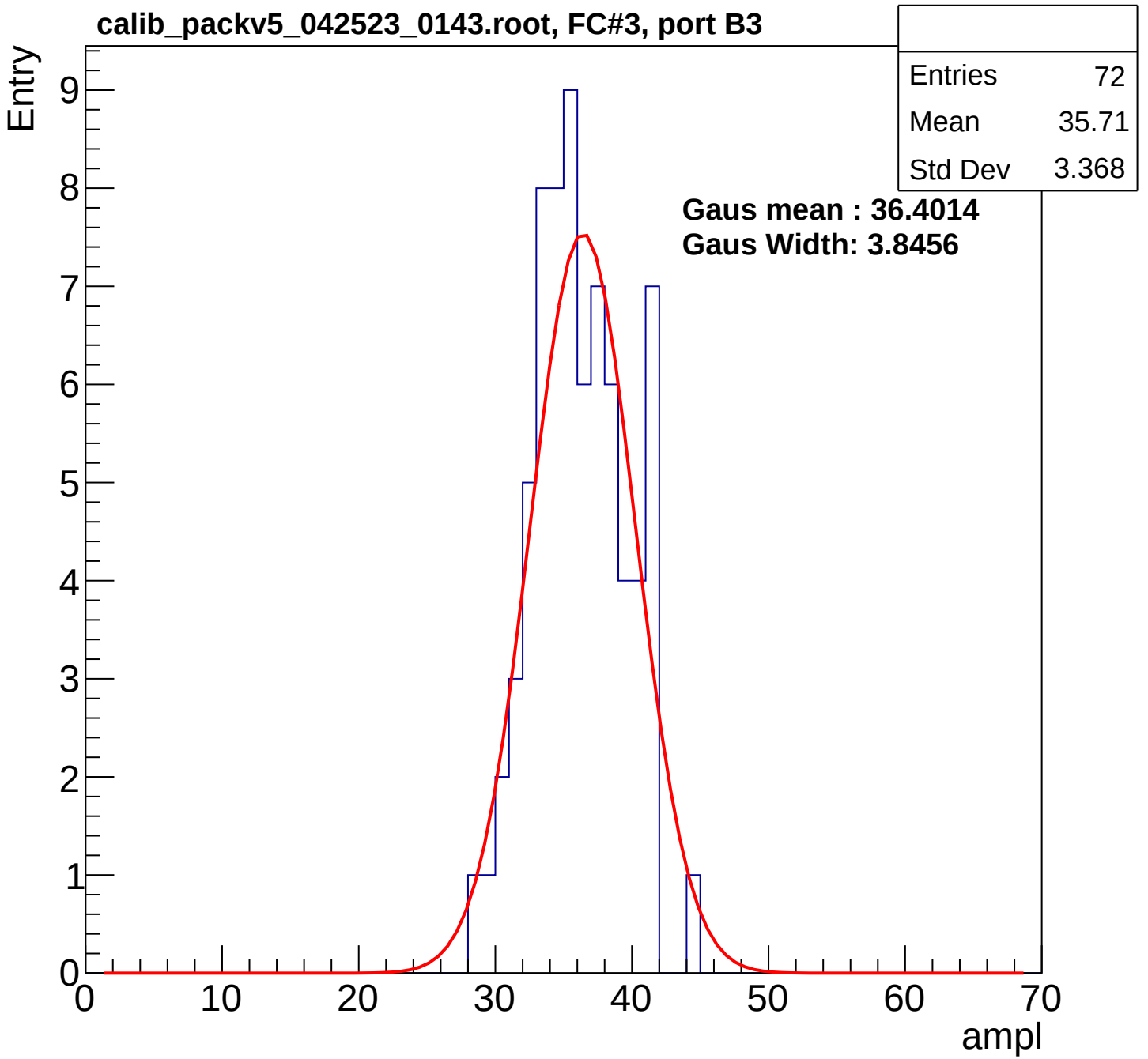
B1L000S, U25-ch15, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 35.71
Std Dev 3.368
Gaus mean : 36.4014
Gaus Width: 3.8456
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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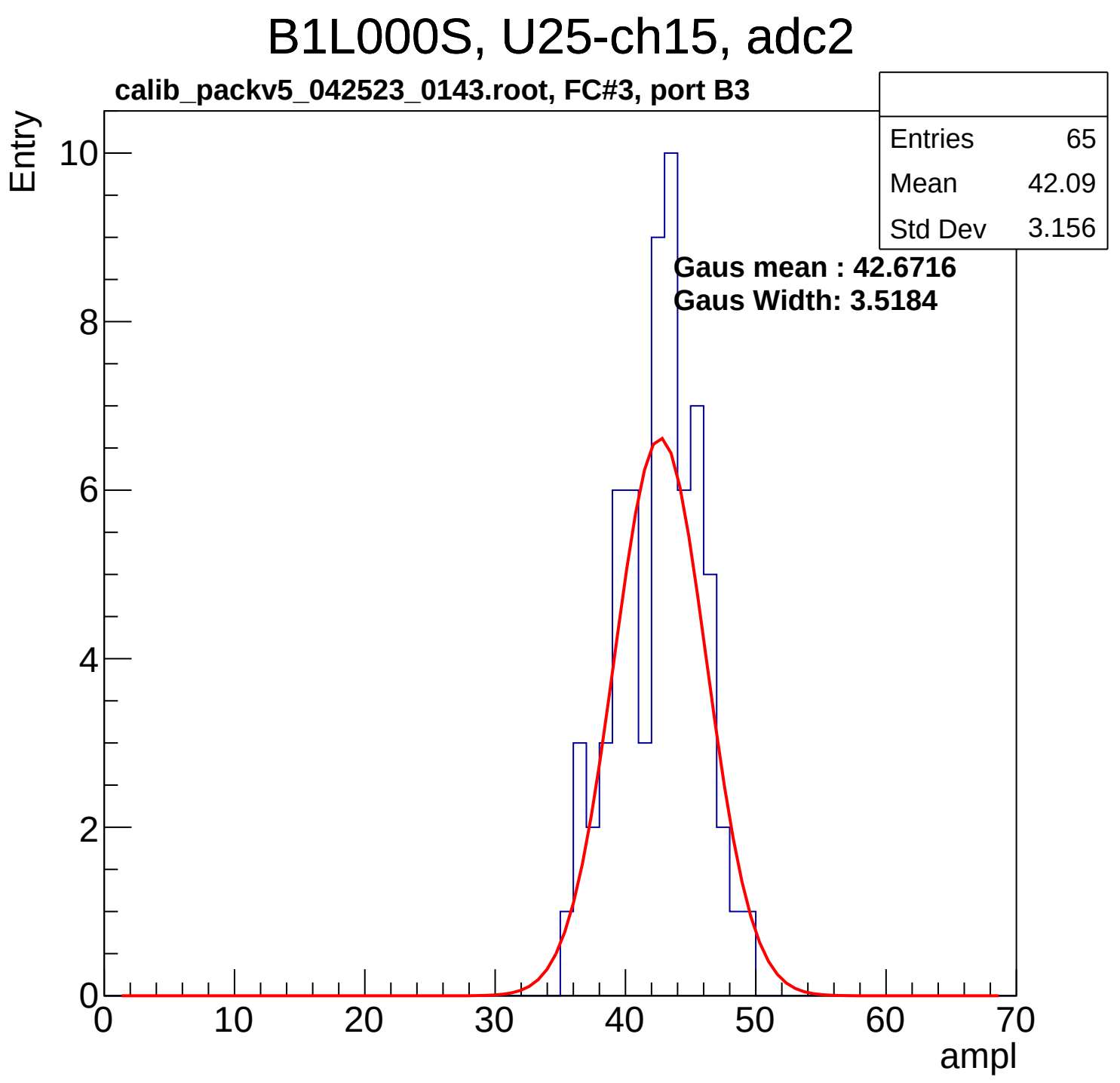
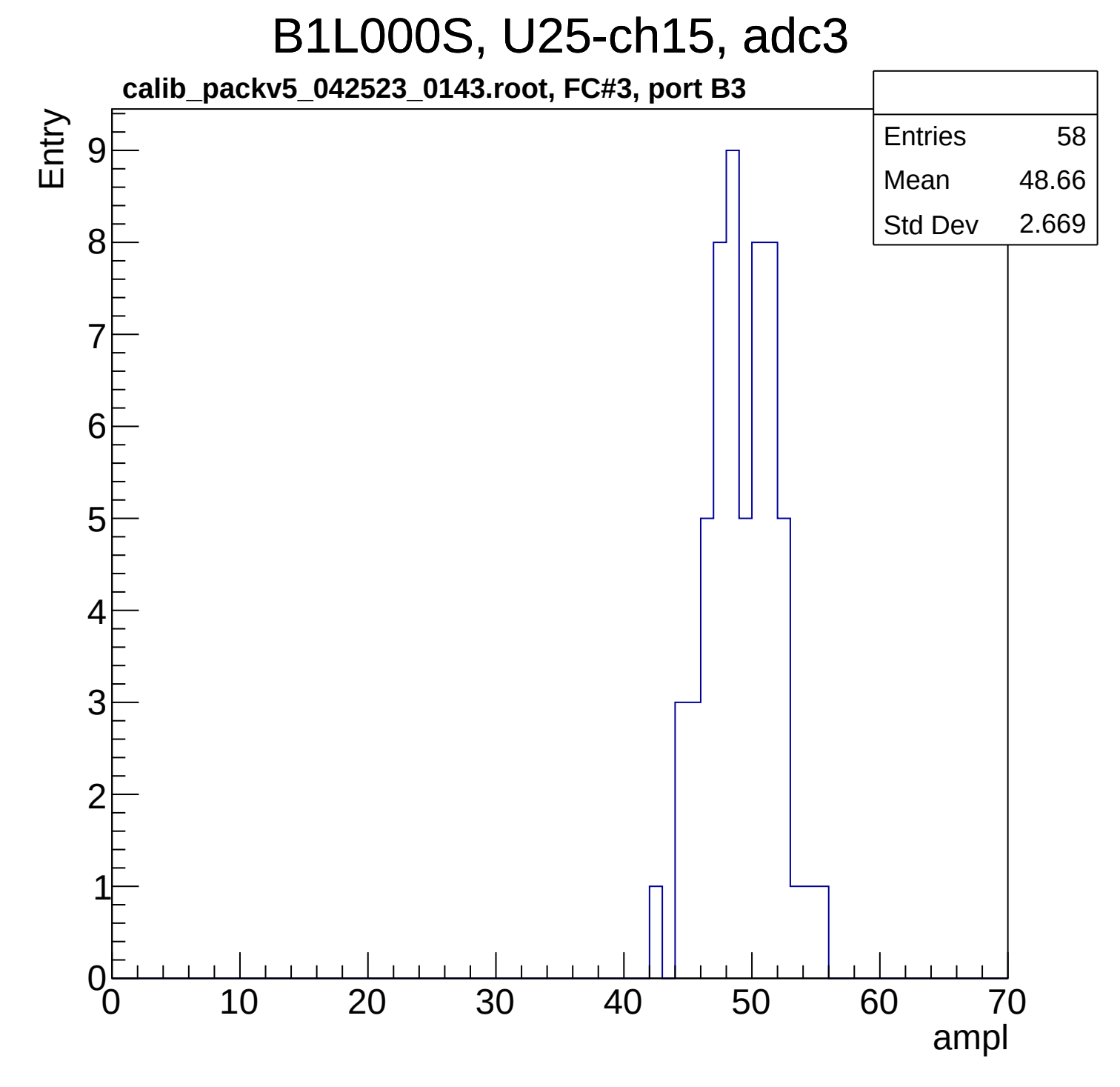
40
50
60
70


B1L000S, U25-ch15, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 42.09
Std Dev 3.156
Gaus mean : 42.6716
Gaus Width: 3.5184
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch15, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 48.66
Std Dev 2.669
Entry
ampl
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2
3
4
5
6
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0
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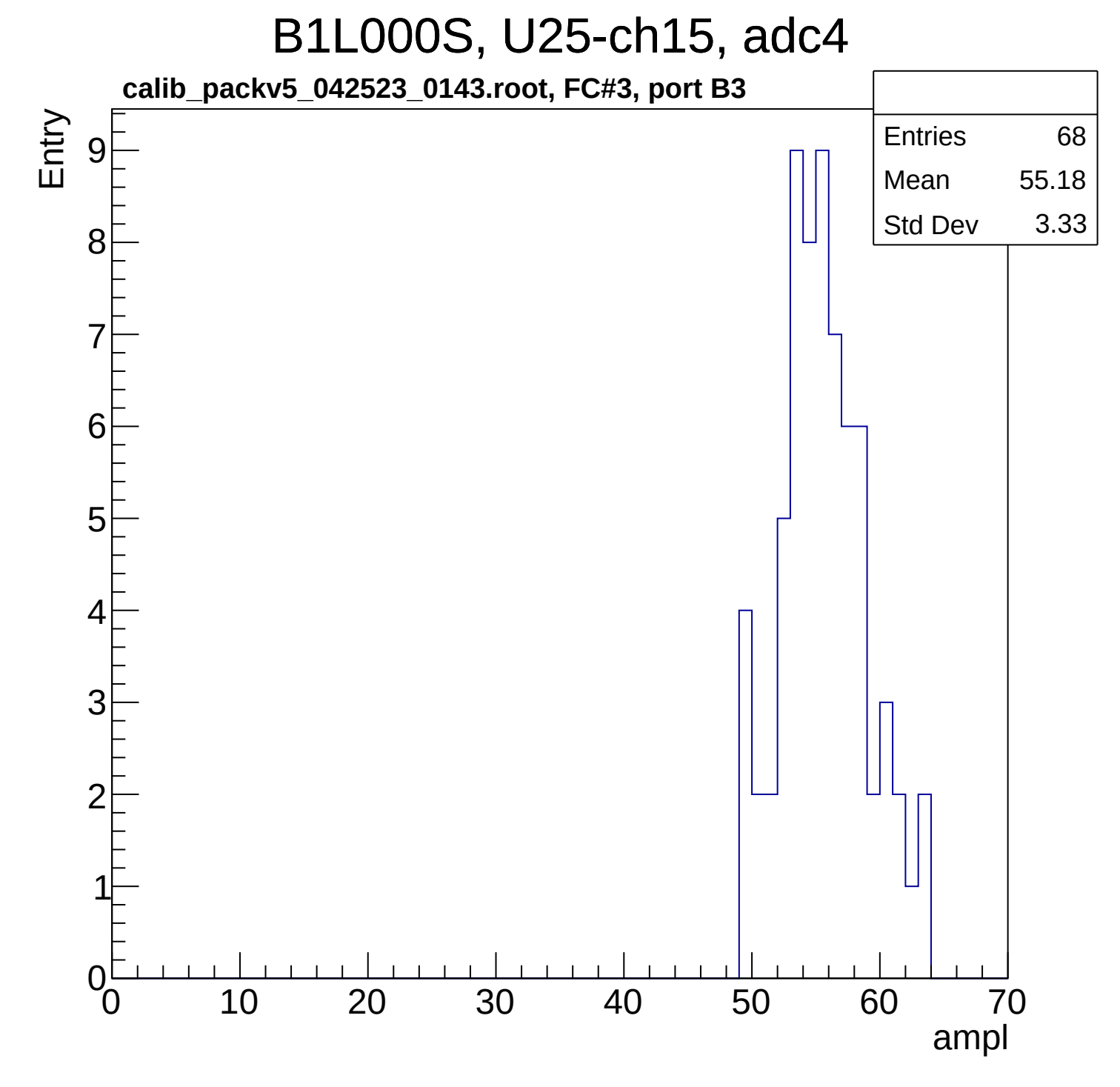
B1L000S, U25-ch15, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 55.18
Std Dev 3.33
Entry
ampl
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0
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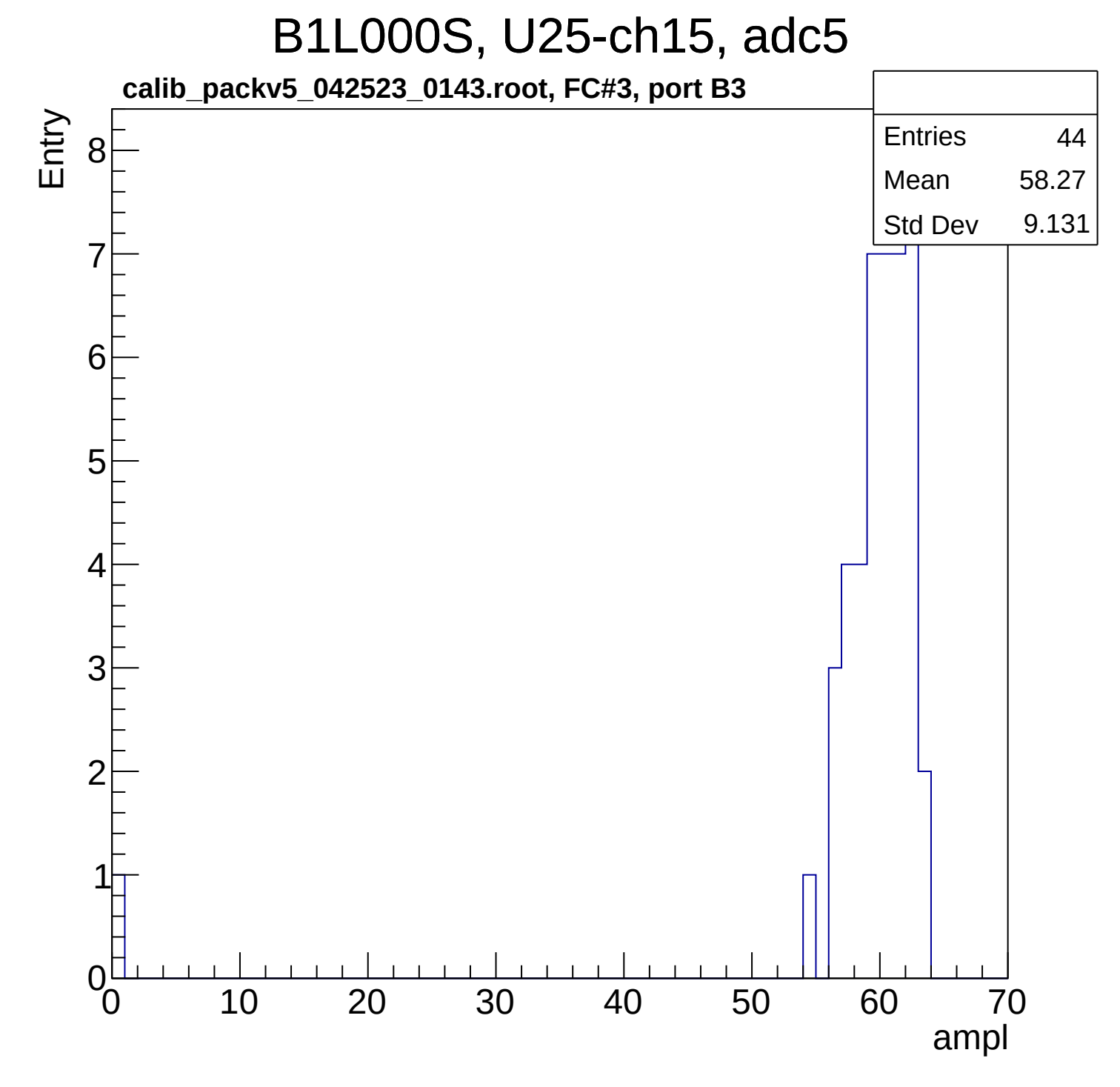
B1L000S, U25-ch15, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 58.27
Std Dev 9.131
Entry
ampl
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1
2
3
4
5
6
7
8
0
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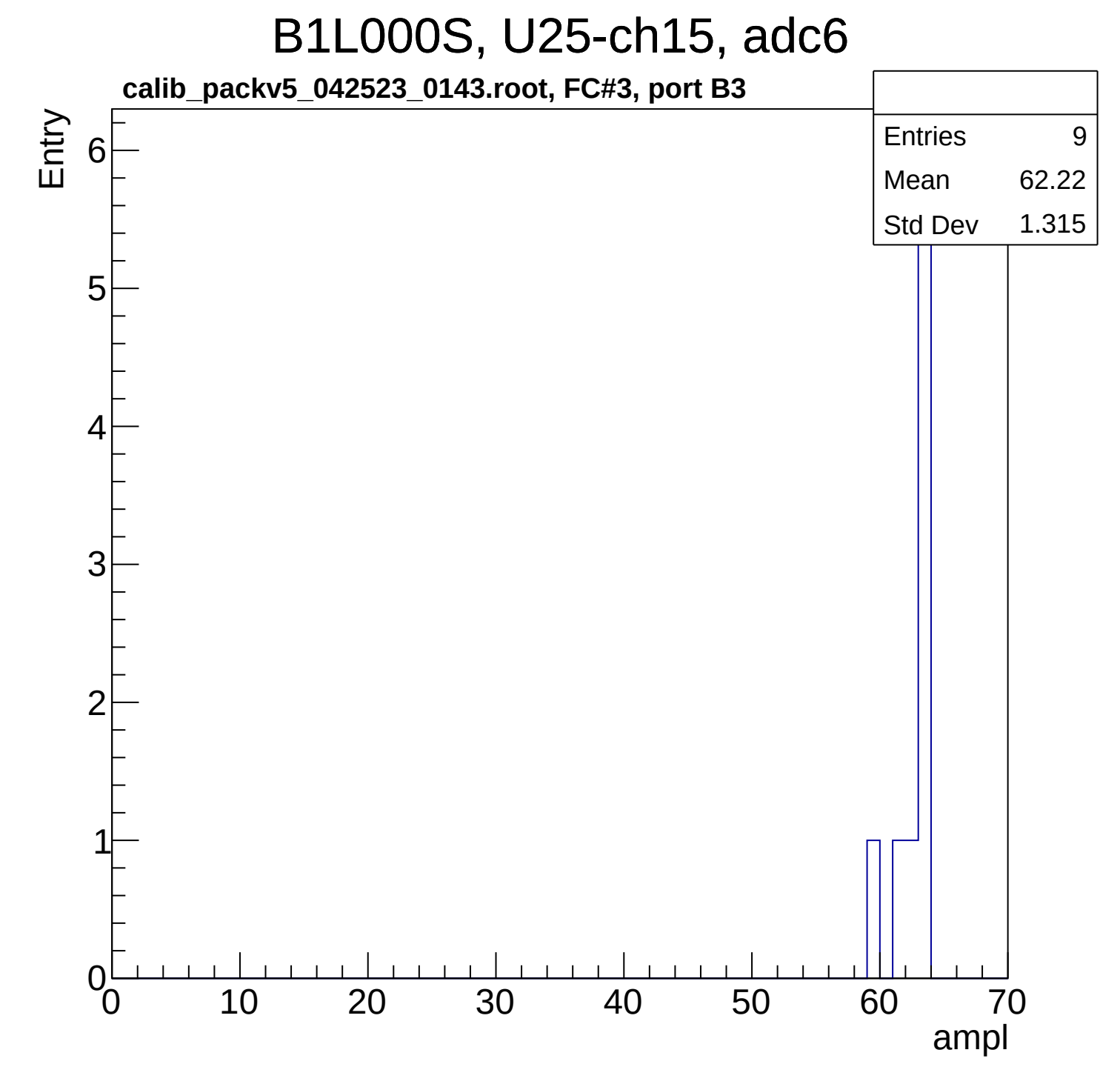
B1L000S, U25-ch15, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 62.22
Std Dev 1.315
Entry
ampl
0
1
2
3
4
5
6
0
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20
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40
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60
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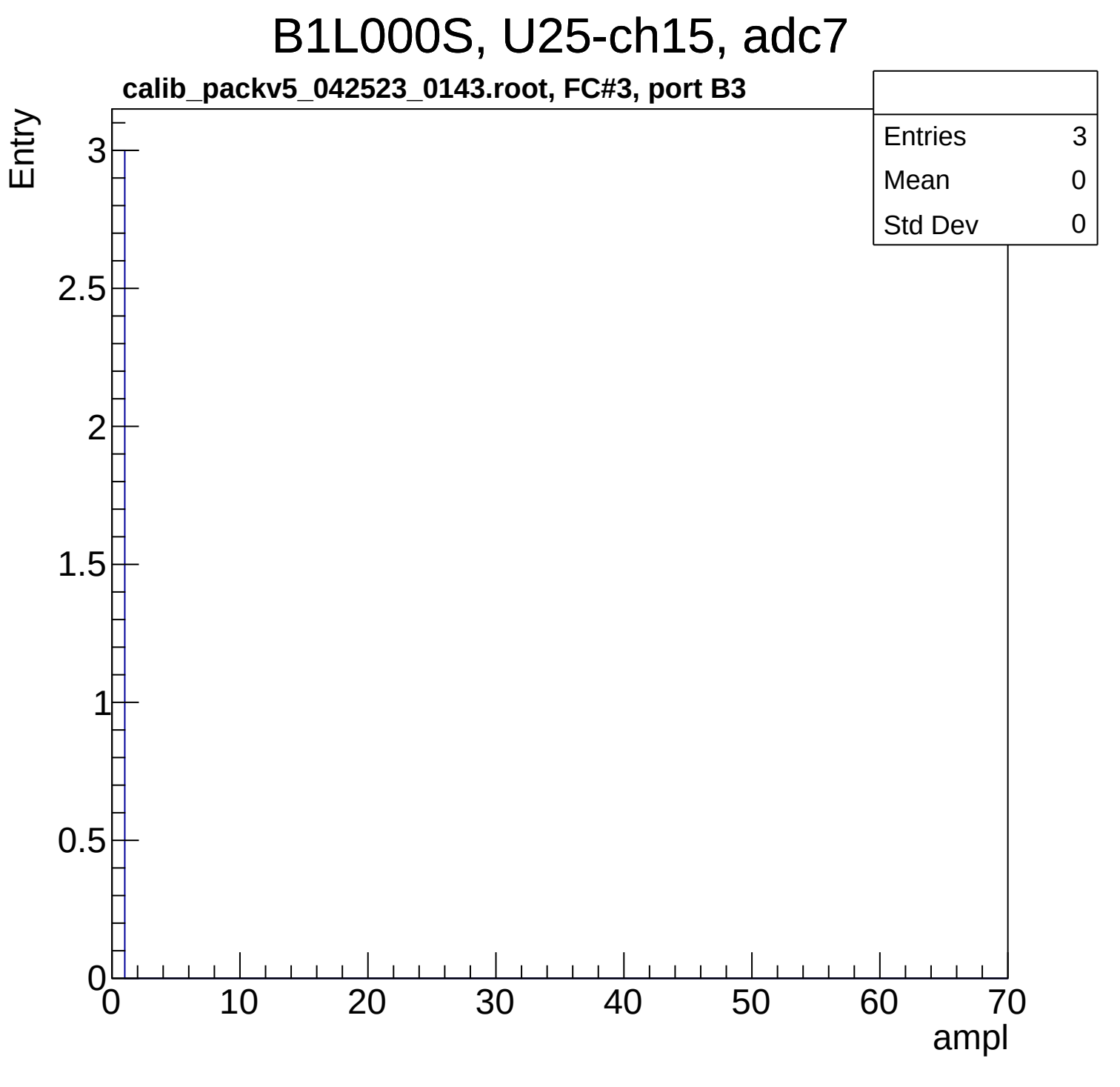
B1L000S, U25-ch15, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 0
Std Dev 0
Entry
3
2.5
2
1.5
1
0.5
0
0
10
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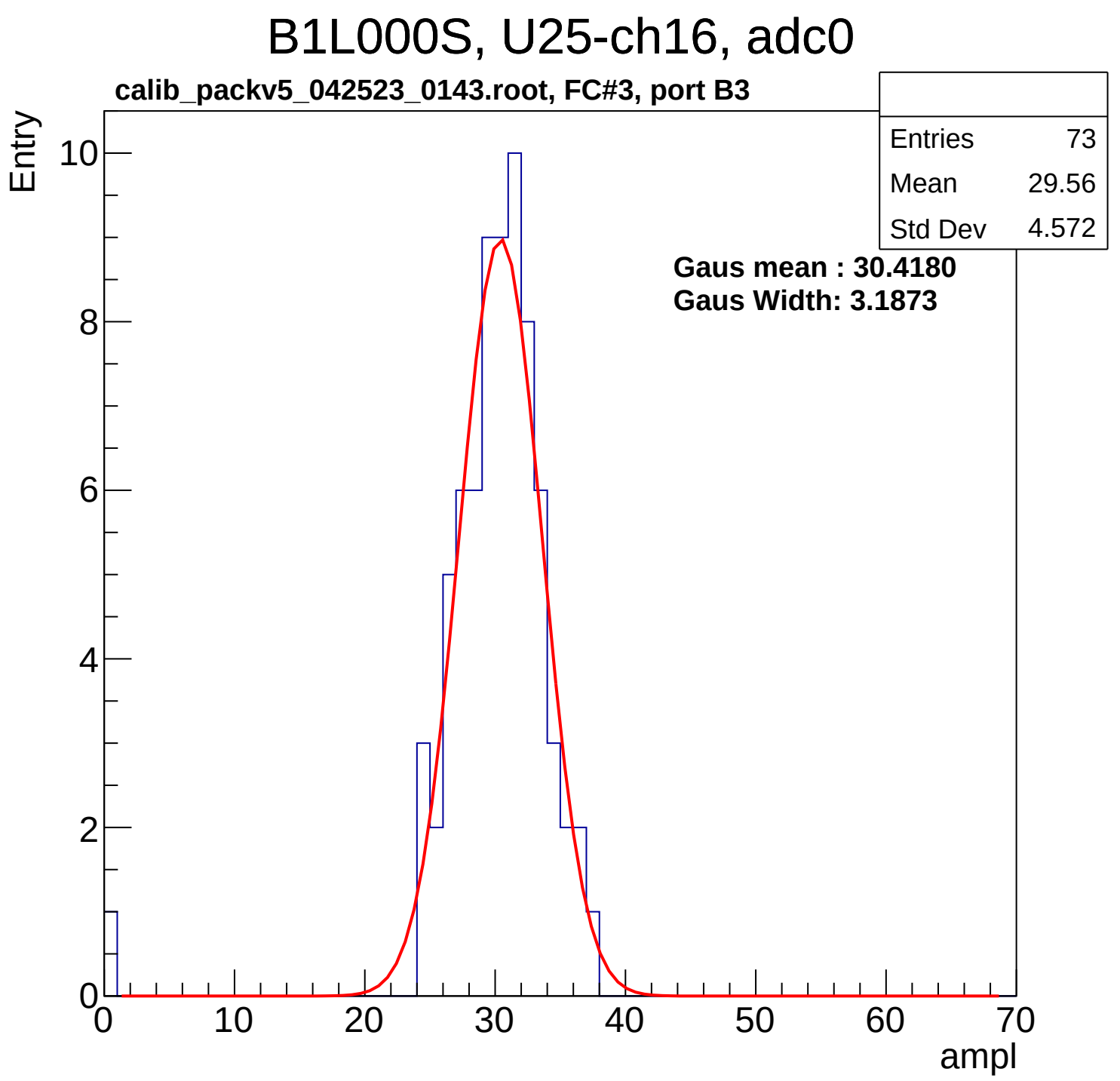
30
40
50
60
70
ampl


B1L000S, U25-ch16, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 29.56
Std Dev 4.572
Gaus mean : 30.4180
Gaus Width: 3.1873
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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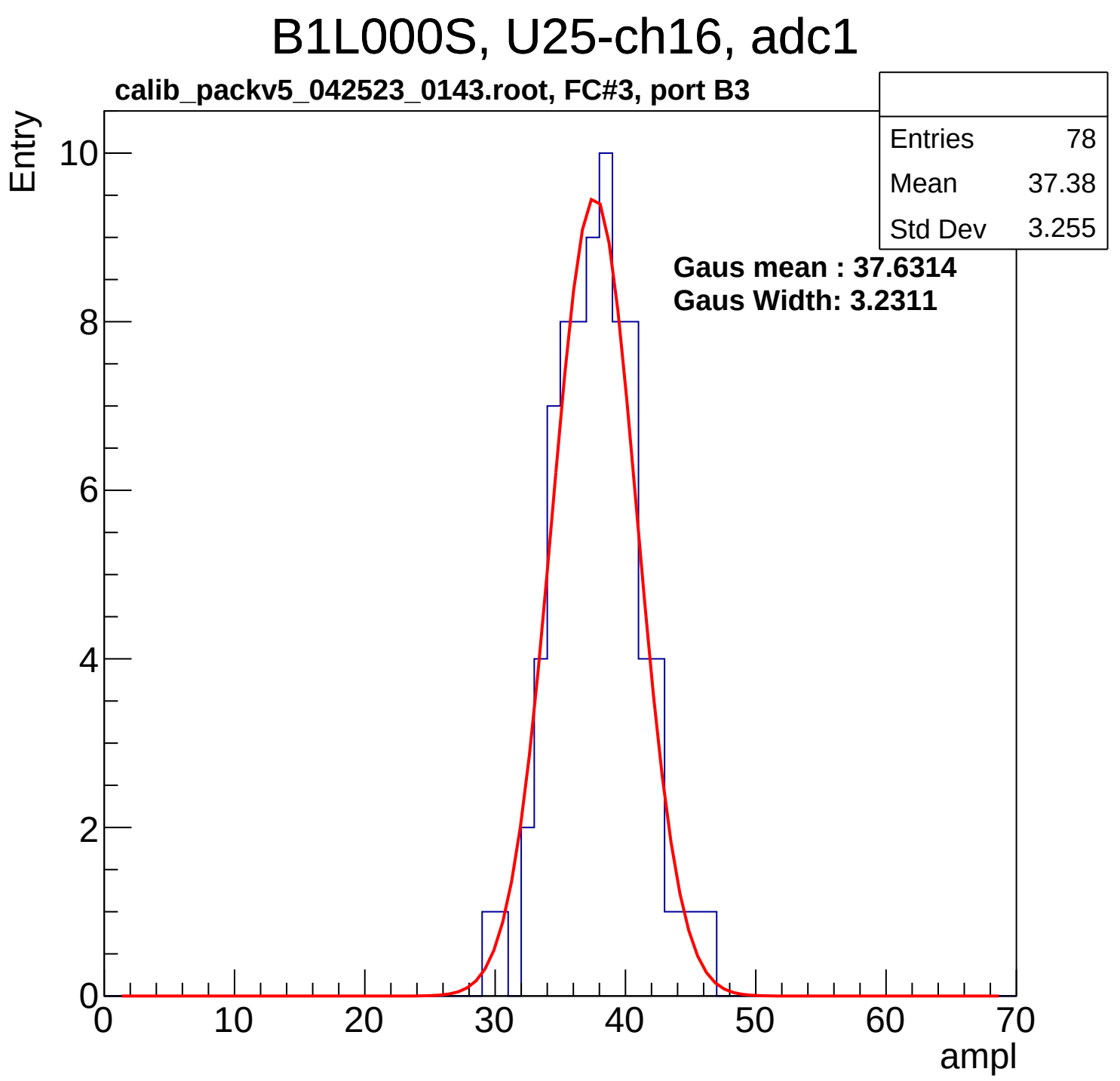
B1L000S, U25-ch16, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 37.38
Std Dev 3.255
Gaus mean : 37.6314
Gaus Width: 3.2311
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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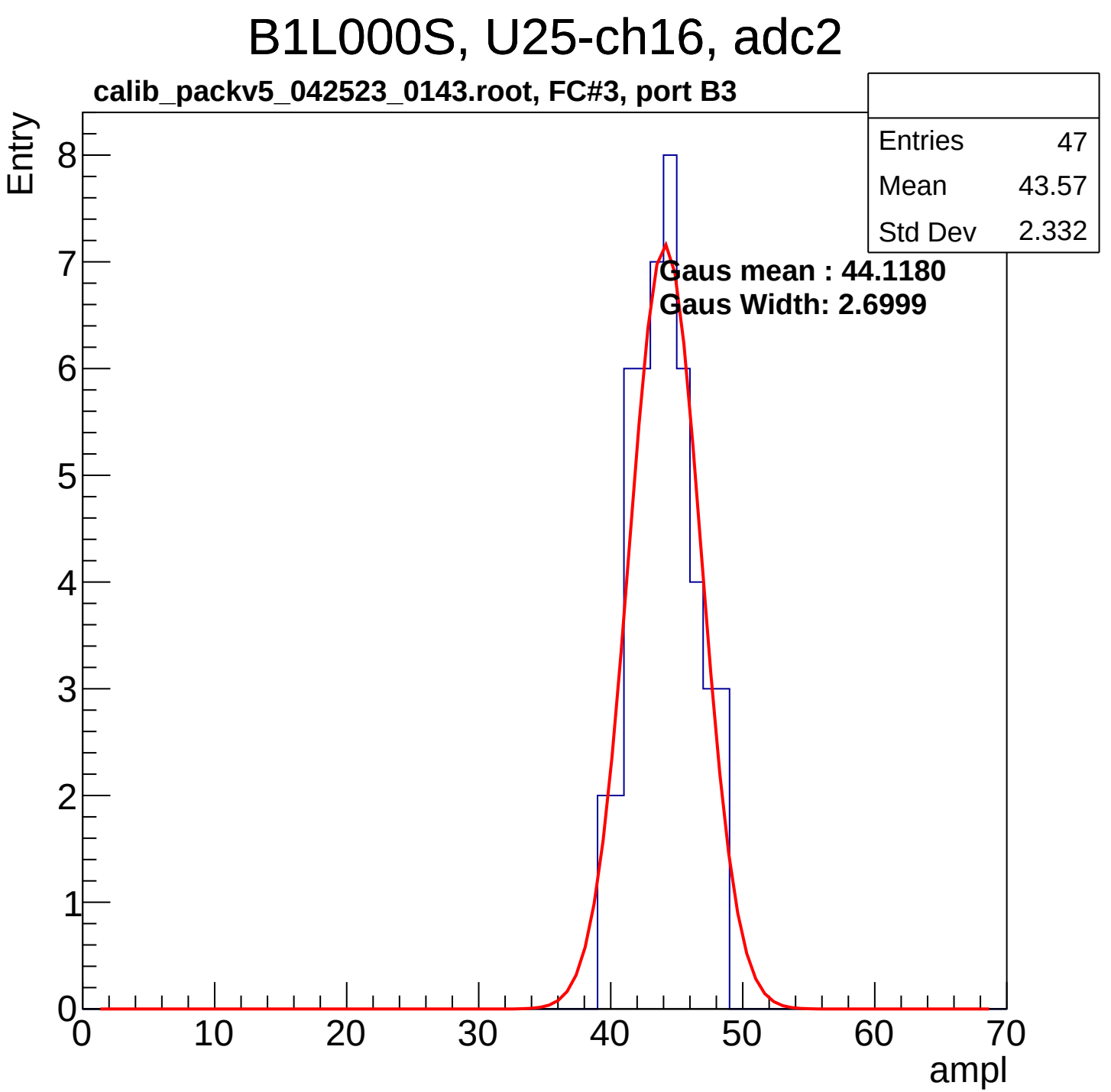
B1L000S, U25-ch16, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 43.57
Std Dev 2.332
Gaus mean : 44.1180
Gaus Width: 2.6999
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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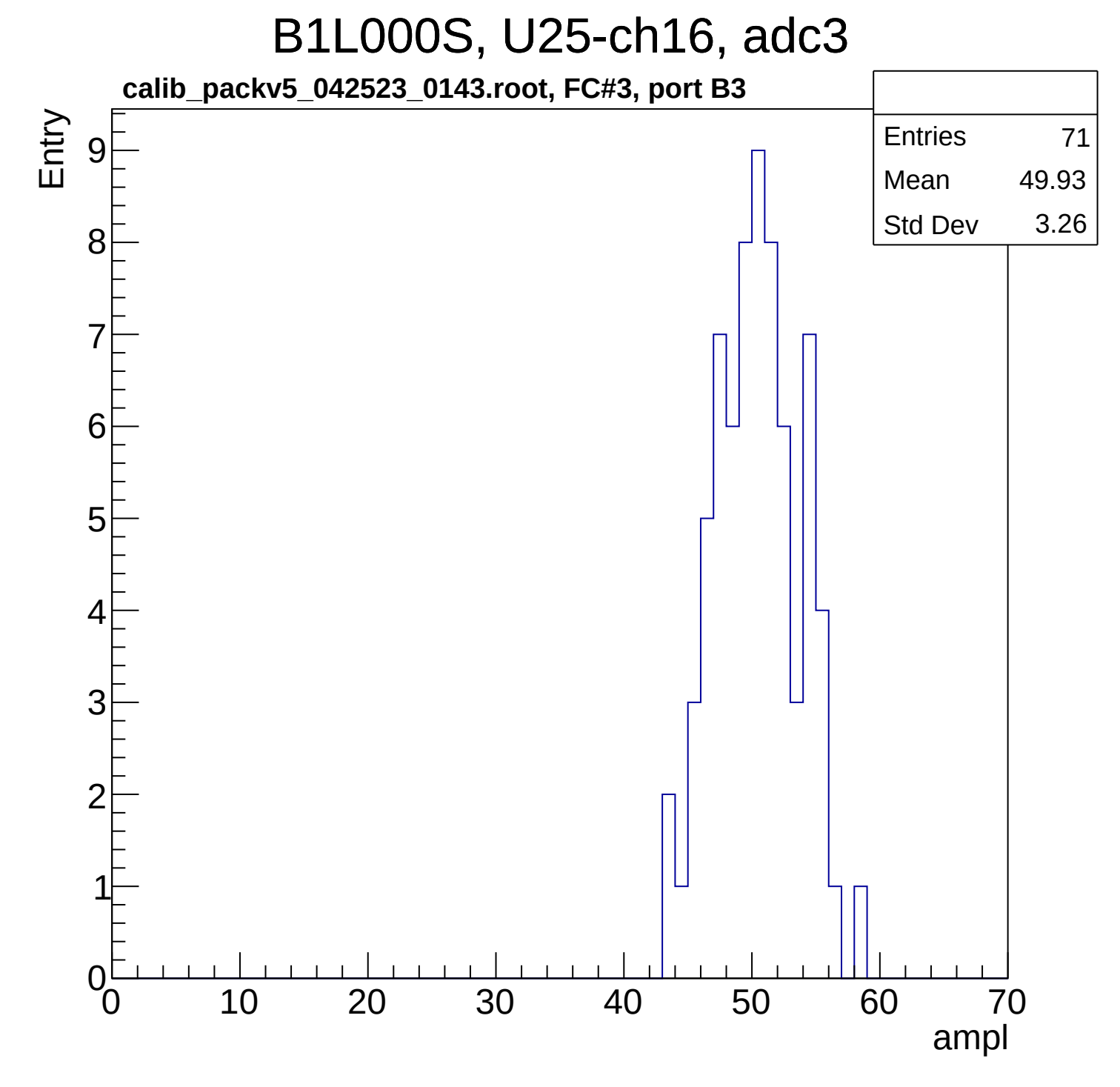
B1L000S, U25-ch16, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 49.93
Std Dev 3.26
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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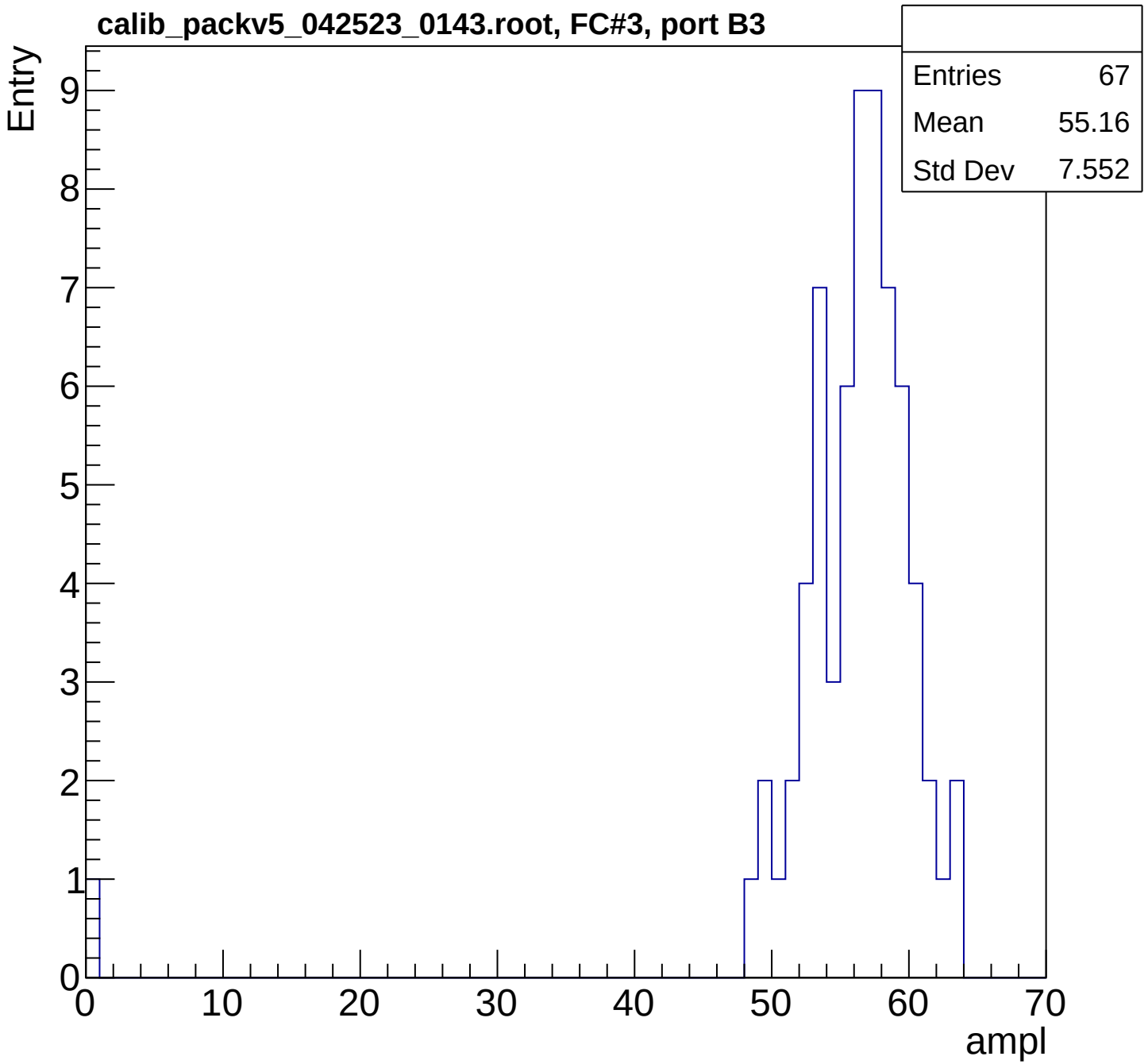
B1L000S, U25-ch16, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 55.16
Std Dev 7.552
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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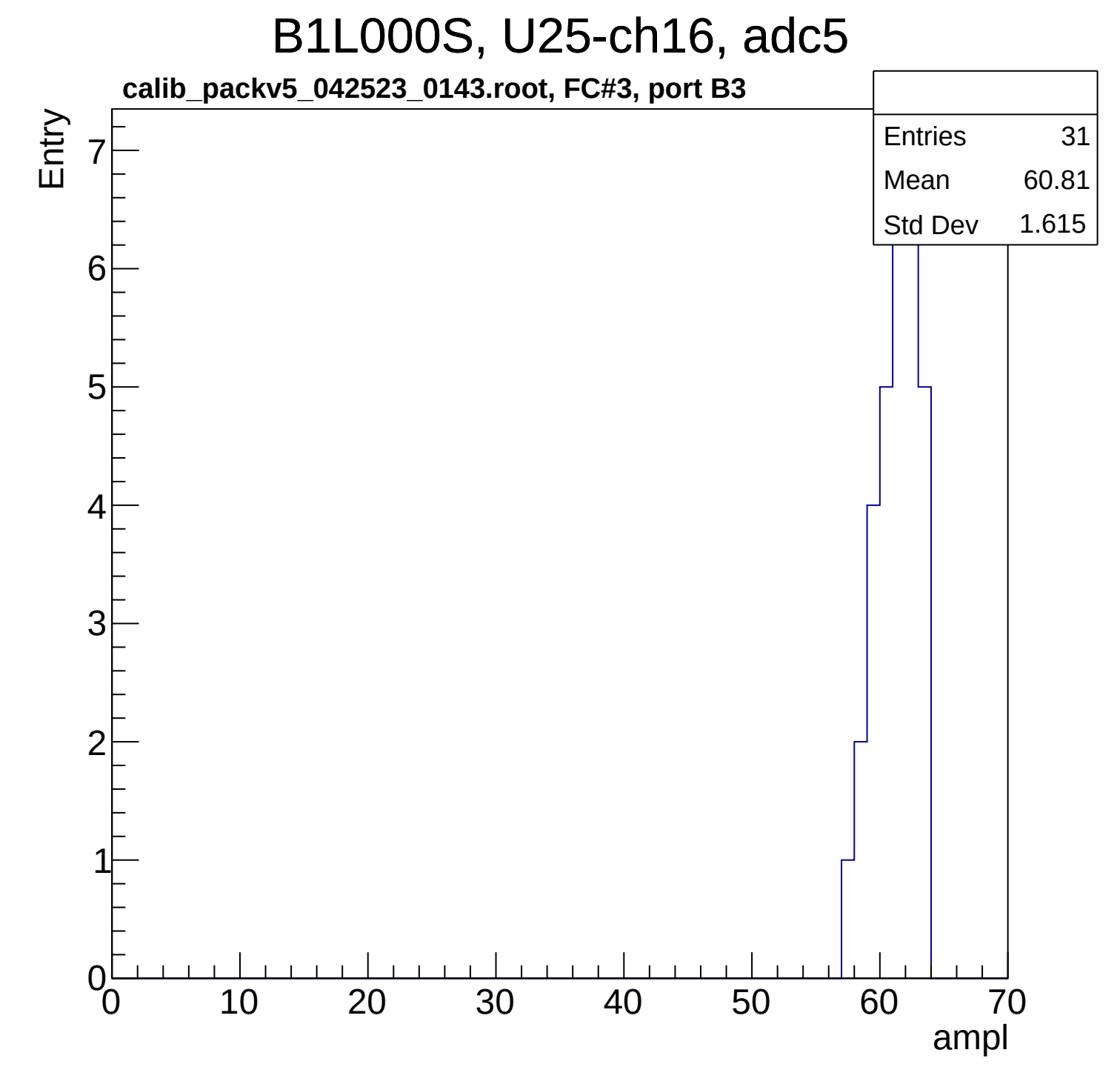
B1L000S, U25-ch16, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 31
Mean 60.81
Std Dev 1.615
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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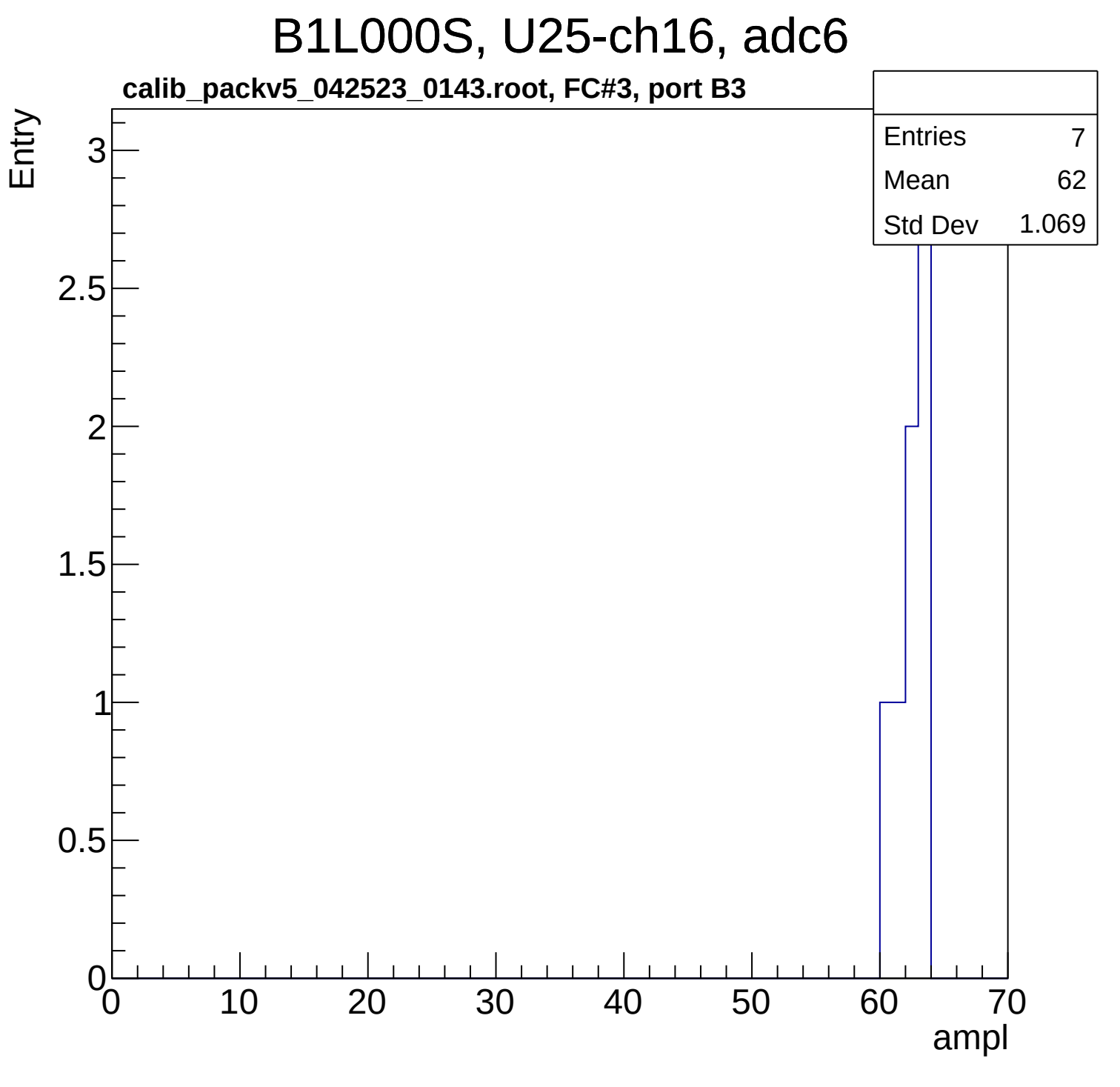
B1L000S, U25-ch16, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 7
Mean 62
Std Dev 1.069
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
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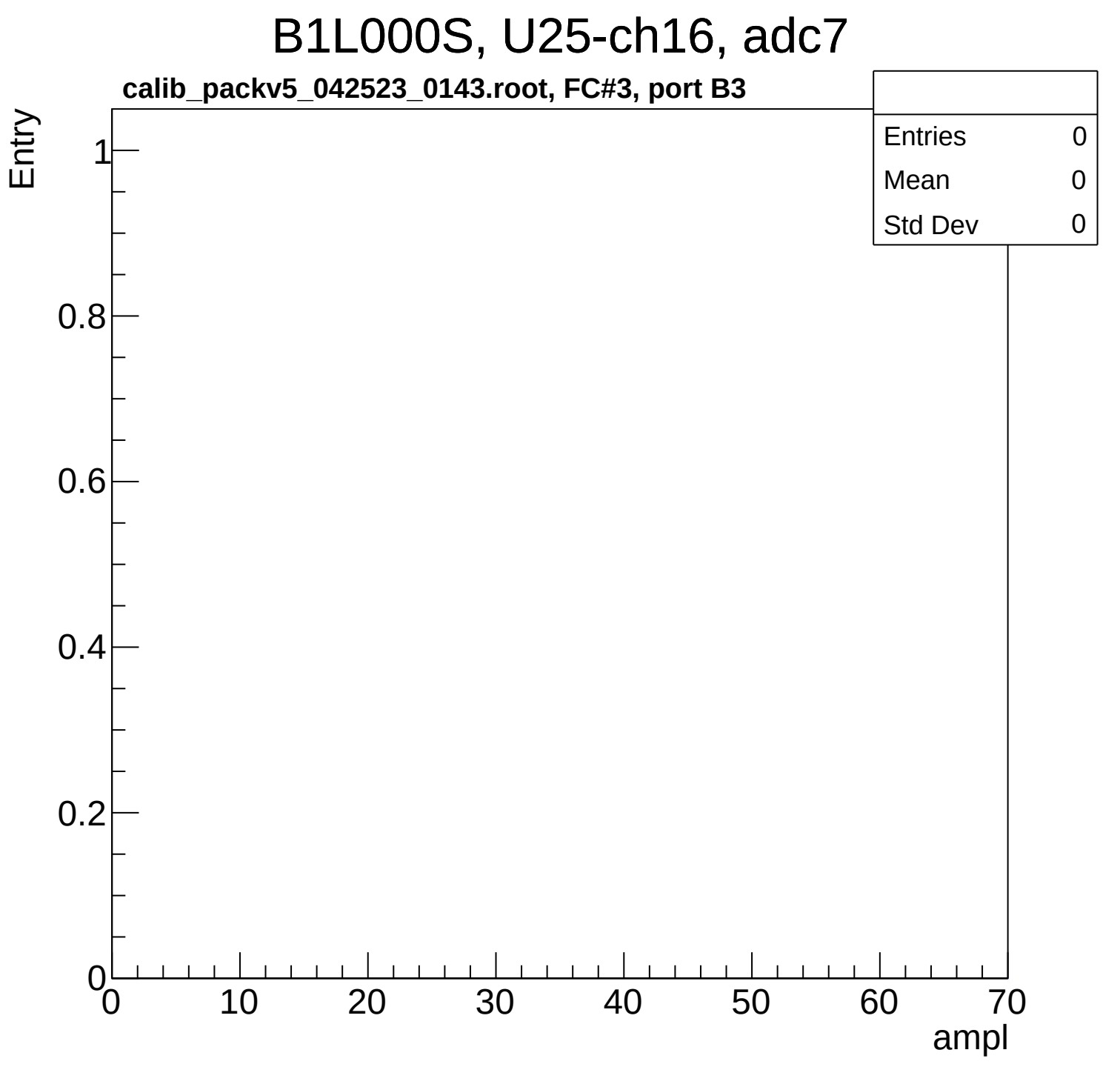
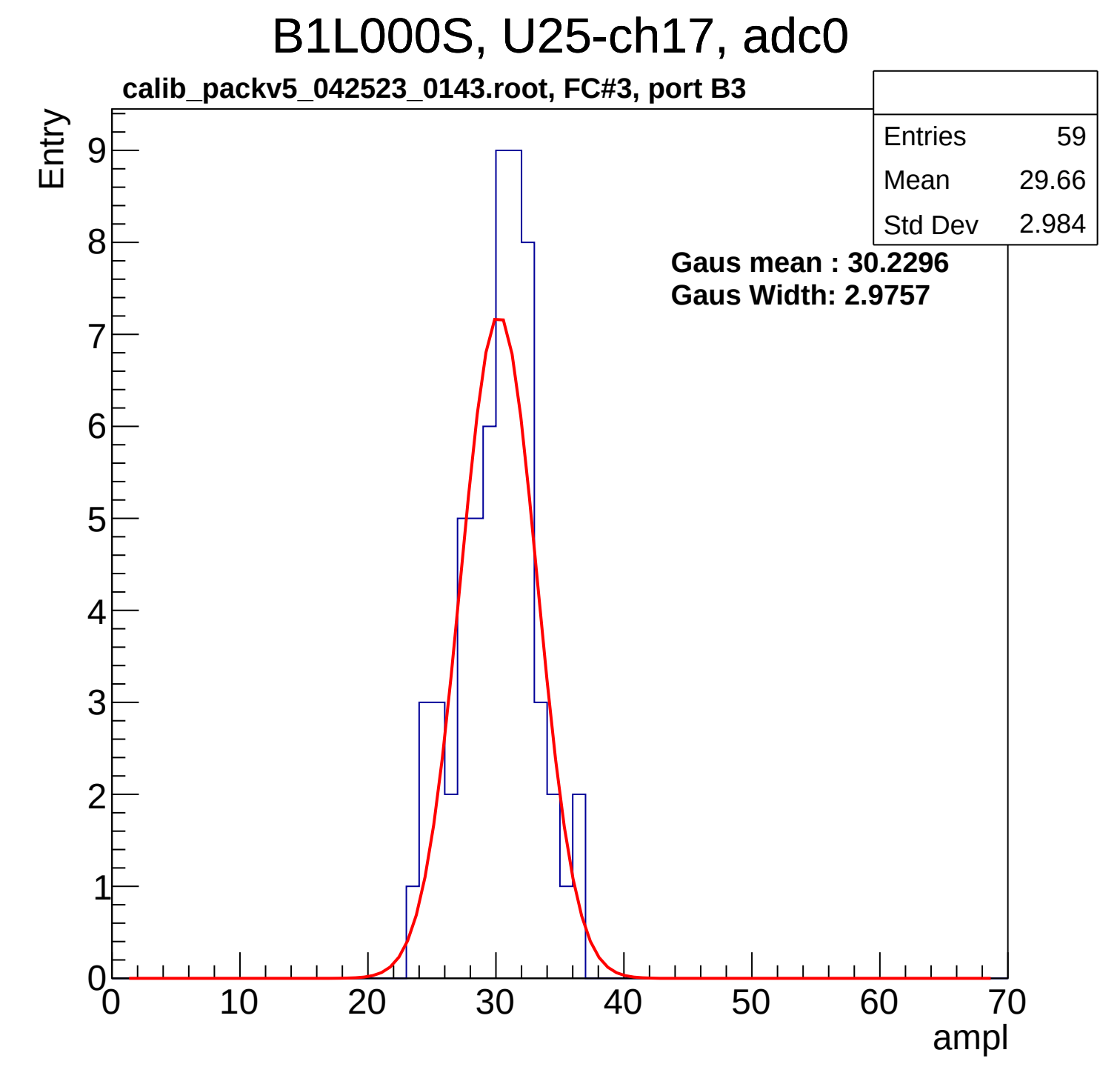

B1L000S, U25-ch16, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch17, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 29.66
Std Dev 2.984
Gaus mean : 30.2296
Gaus Width: 2.9757
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
30
40
50
60
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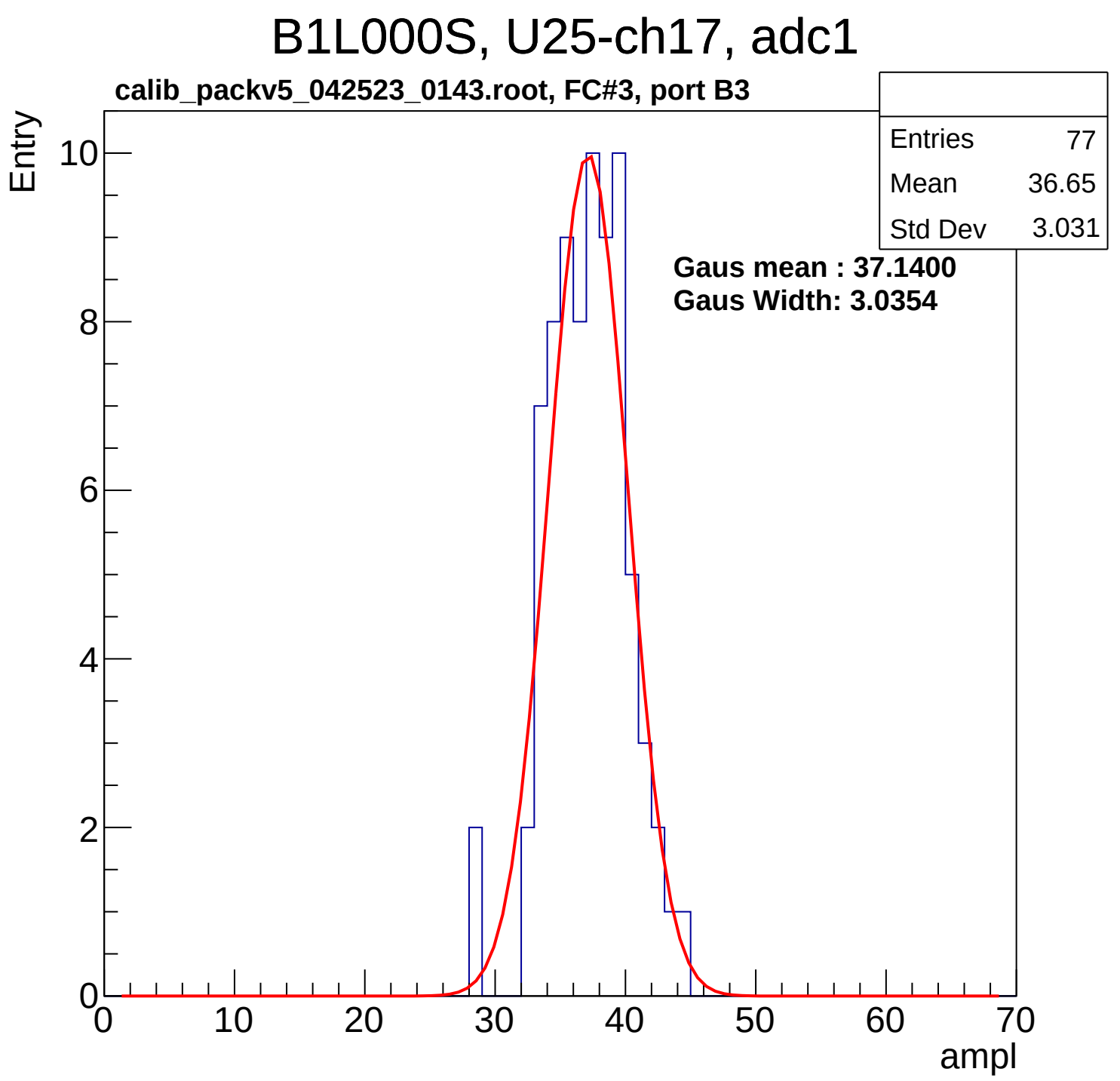
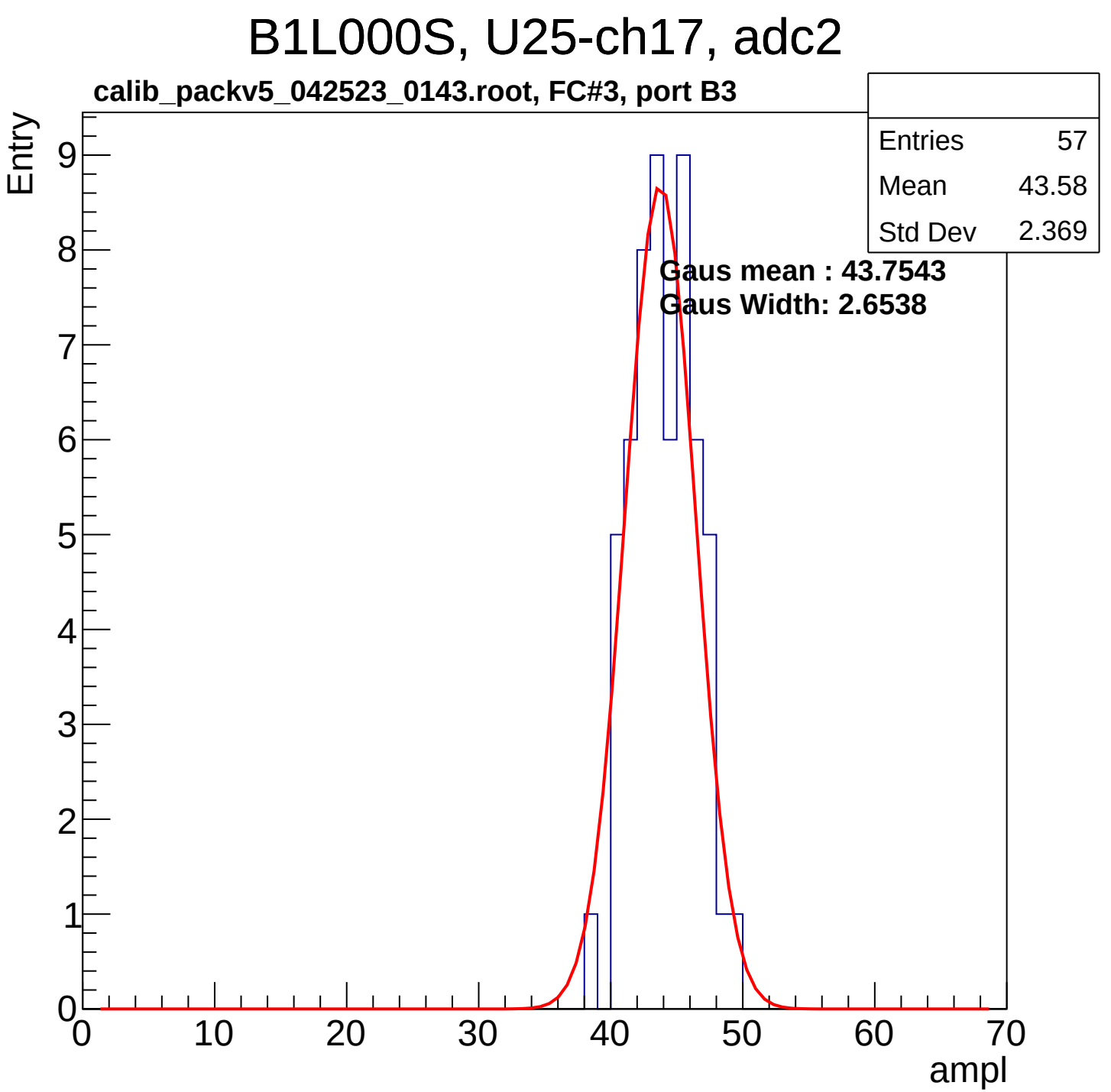

B1L000S, U25-ch17, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 36.65
Std Dev 3.031
Gaus mean : 37.1400
Gaus Width: 3.0354
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch17, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 43.58
Std Dev 2.369
Gaus mean : 43.7543
Gaus Width: 2.6538
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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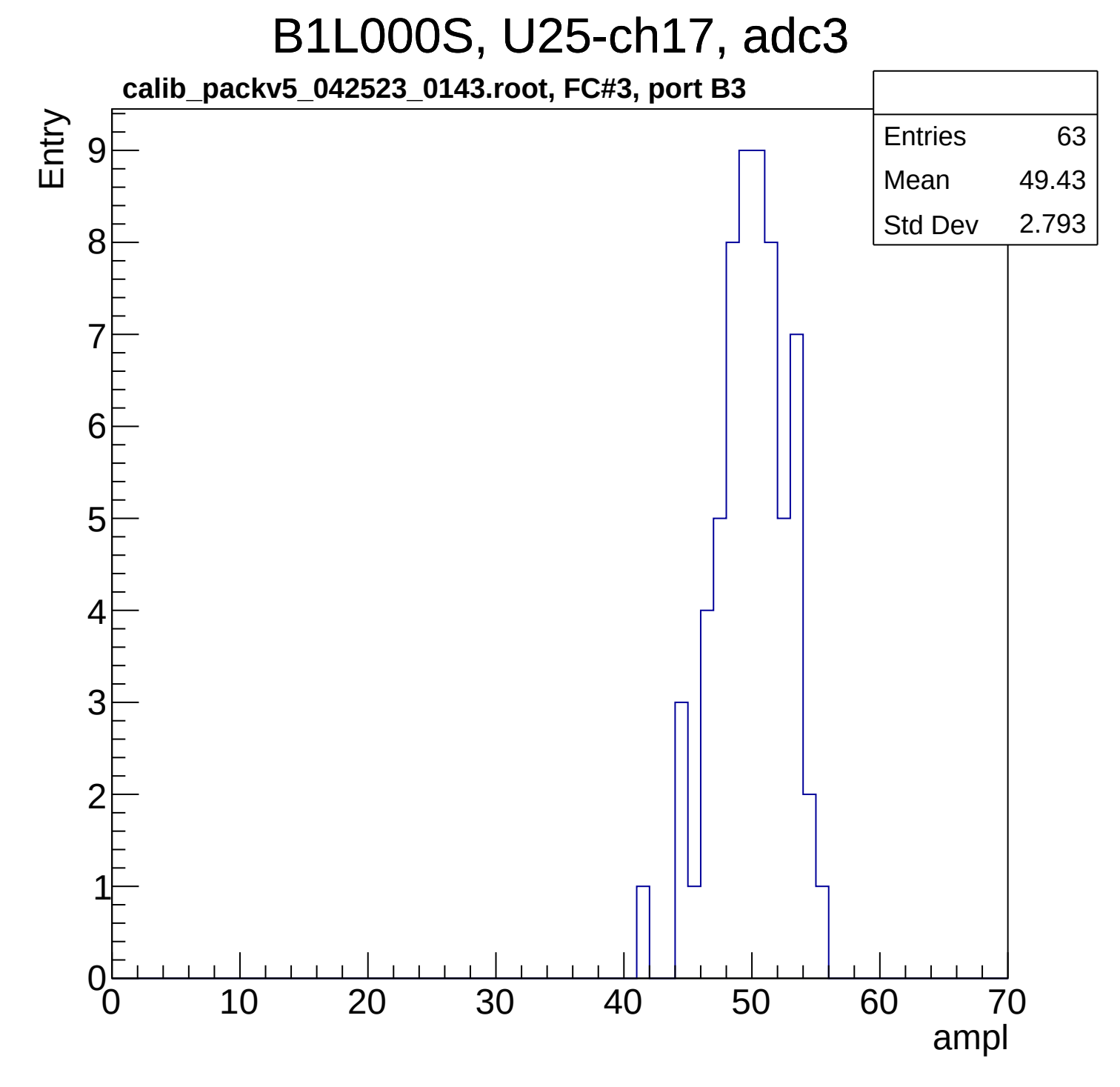
B1L000S, U25-ch17, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 49.43
Std Dev 2.793
Entry
ampl
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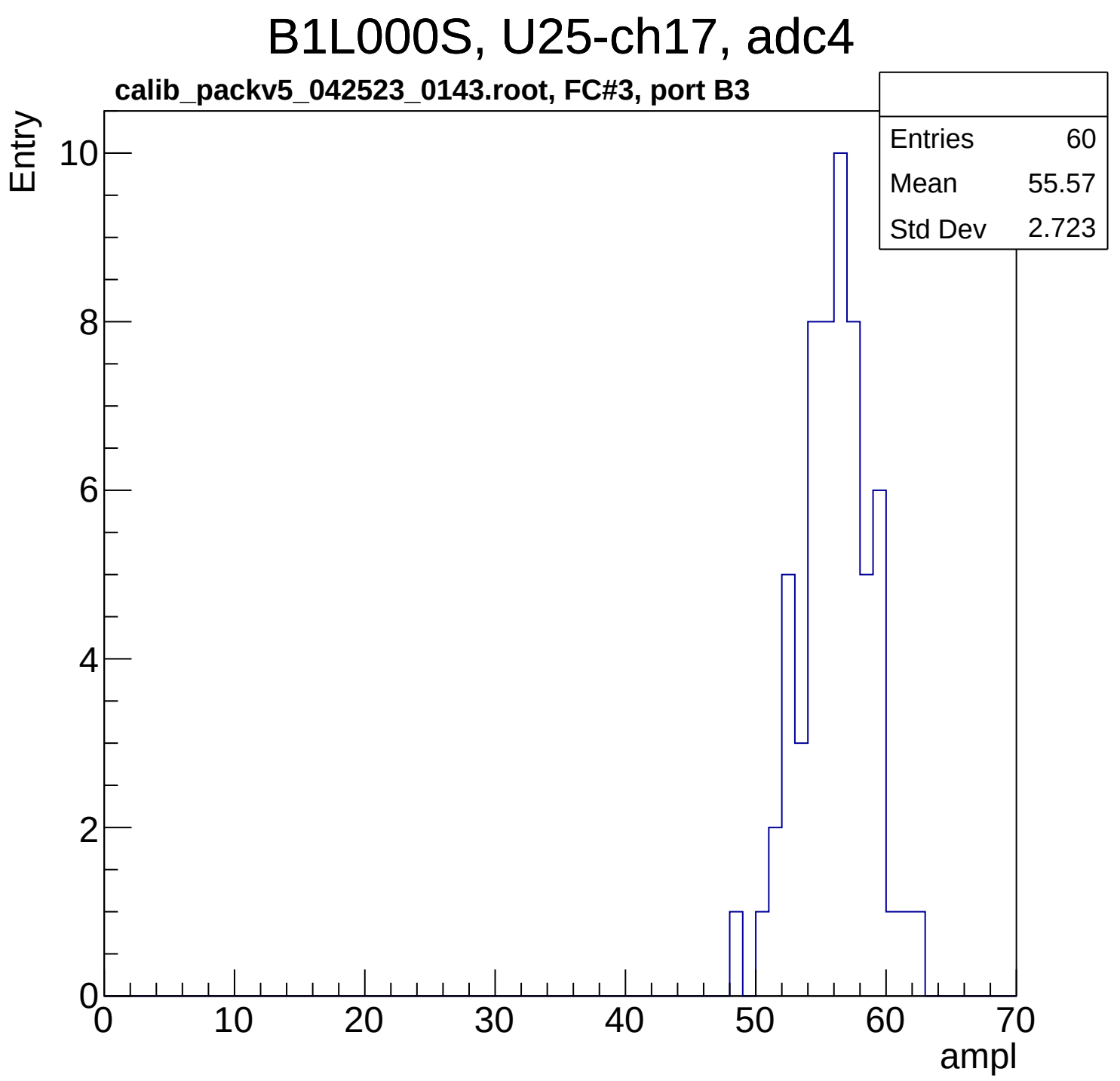
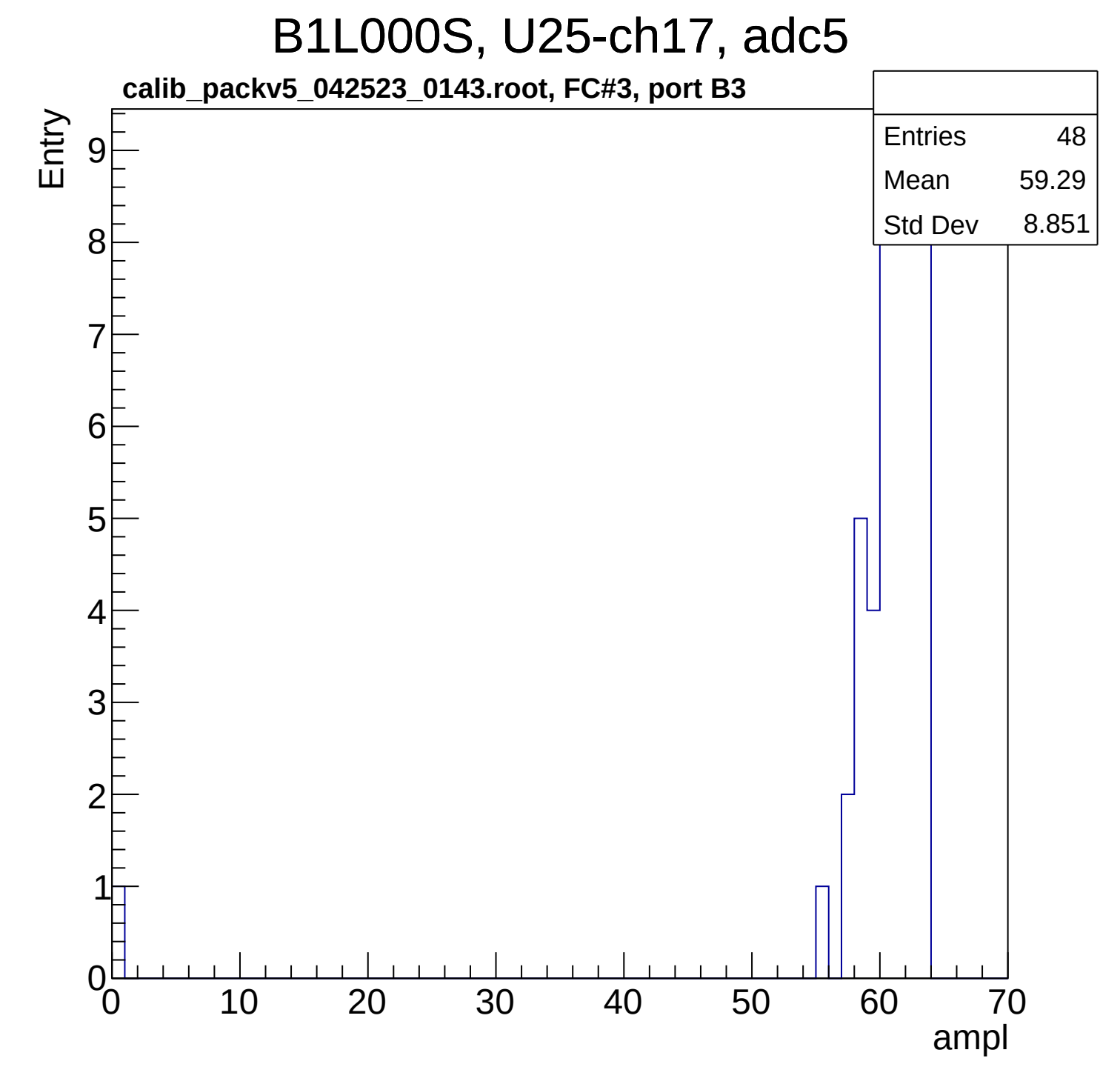
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch17, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 55.57
Std Dev 2.723
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch17, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 59.29
Std Dev 8.851
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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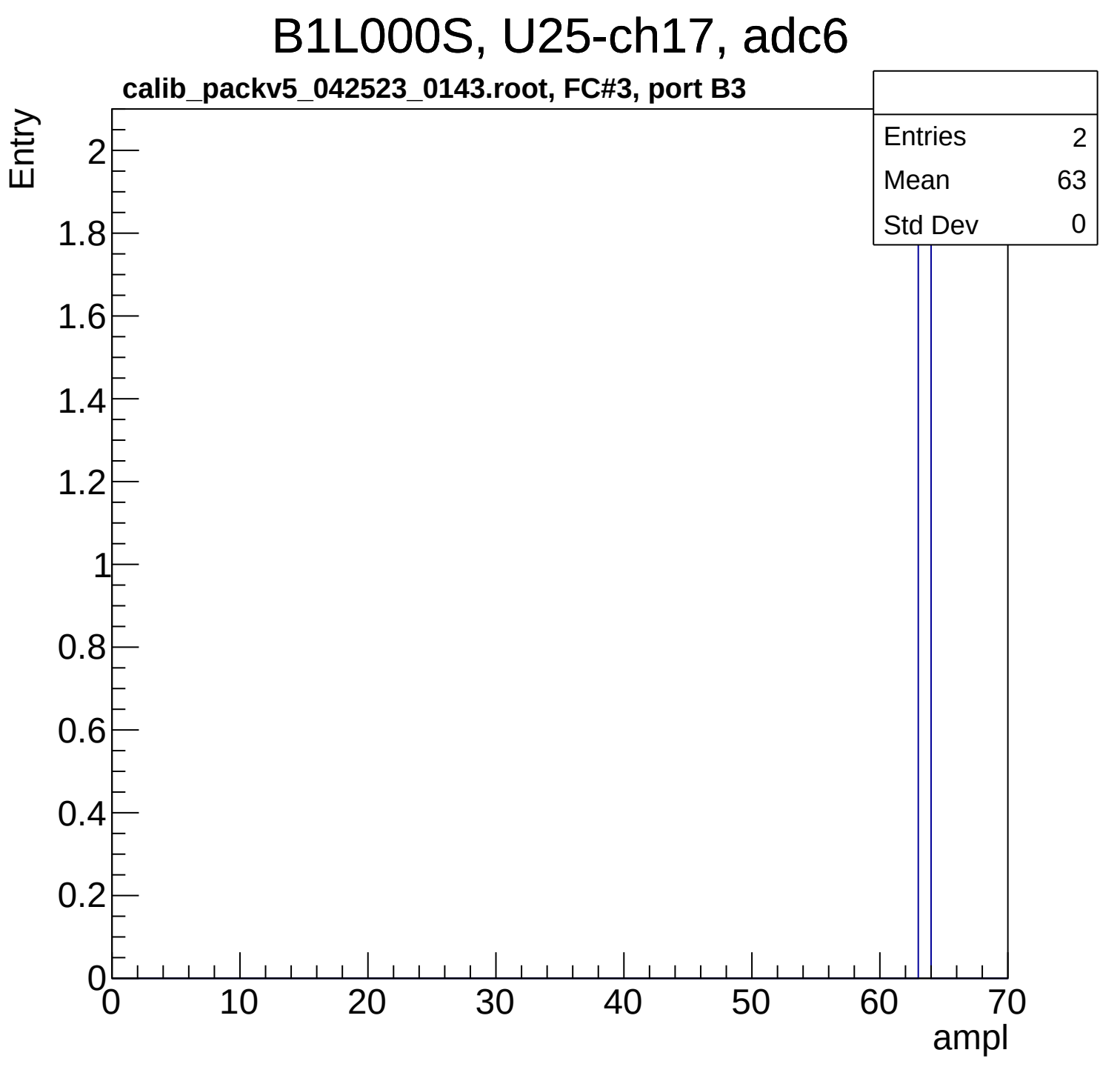
B1L000S, U25-ch17, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
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1
1.2
1.4
1.6
1.8
2
0
10
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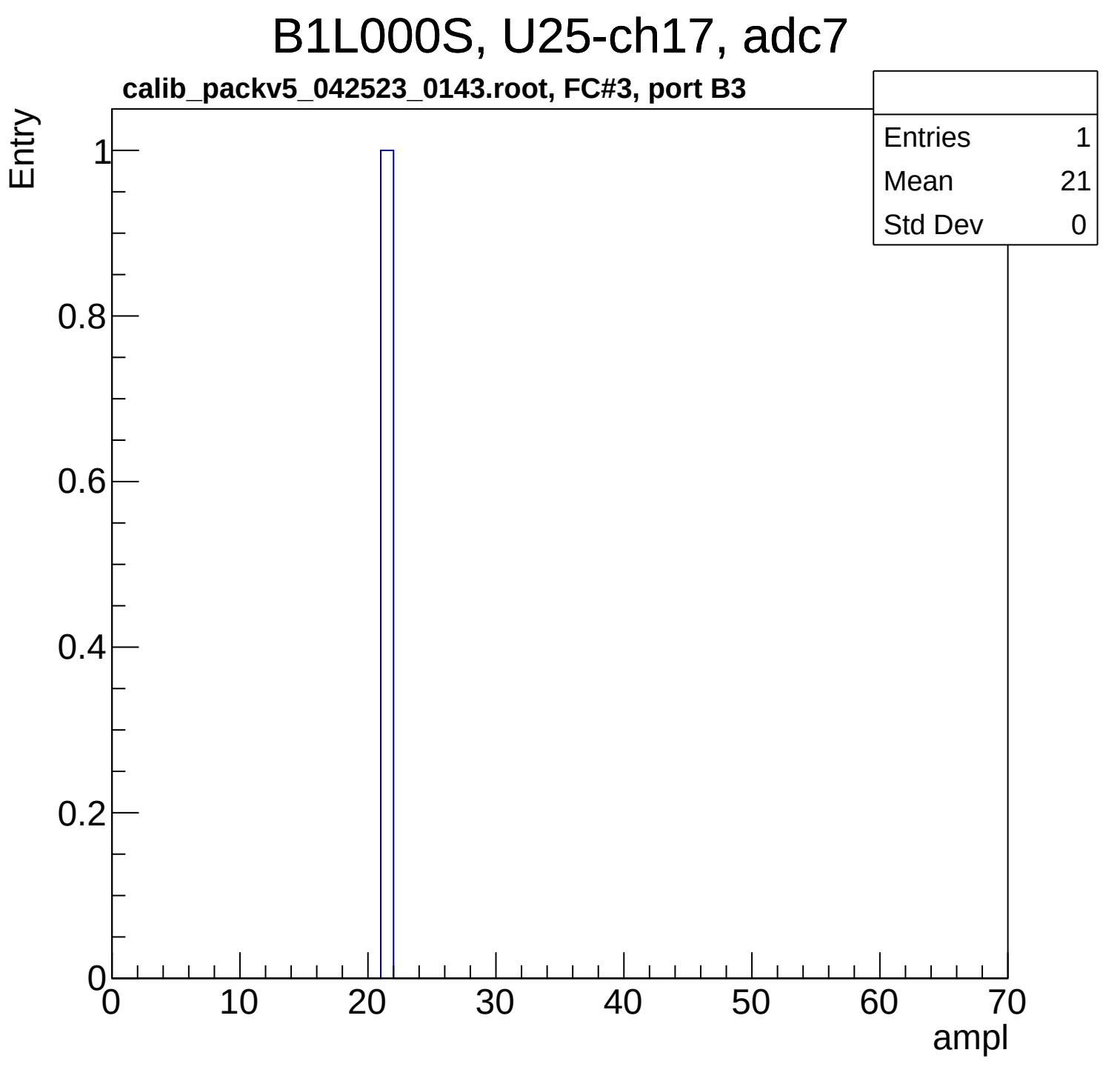
40
50
60
70


B1L000S, U25-ch17, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 21
Std Dev 0
Entry
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0.8
0.6
0.4
0.2
0
0
10
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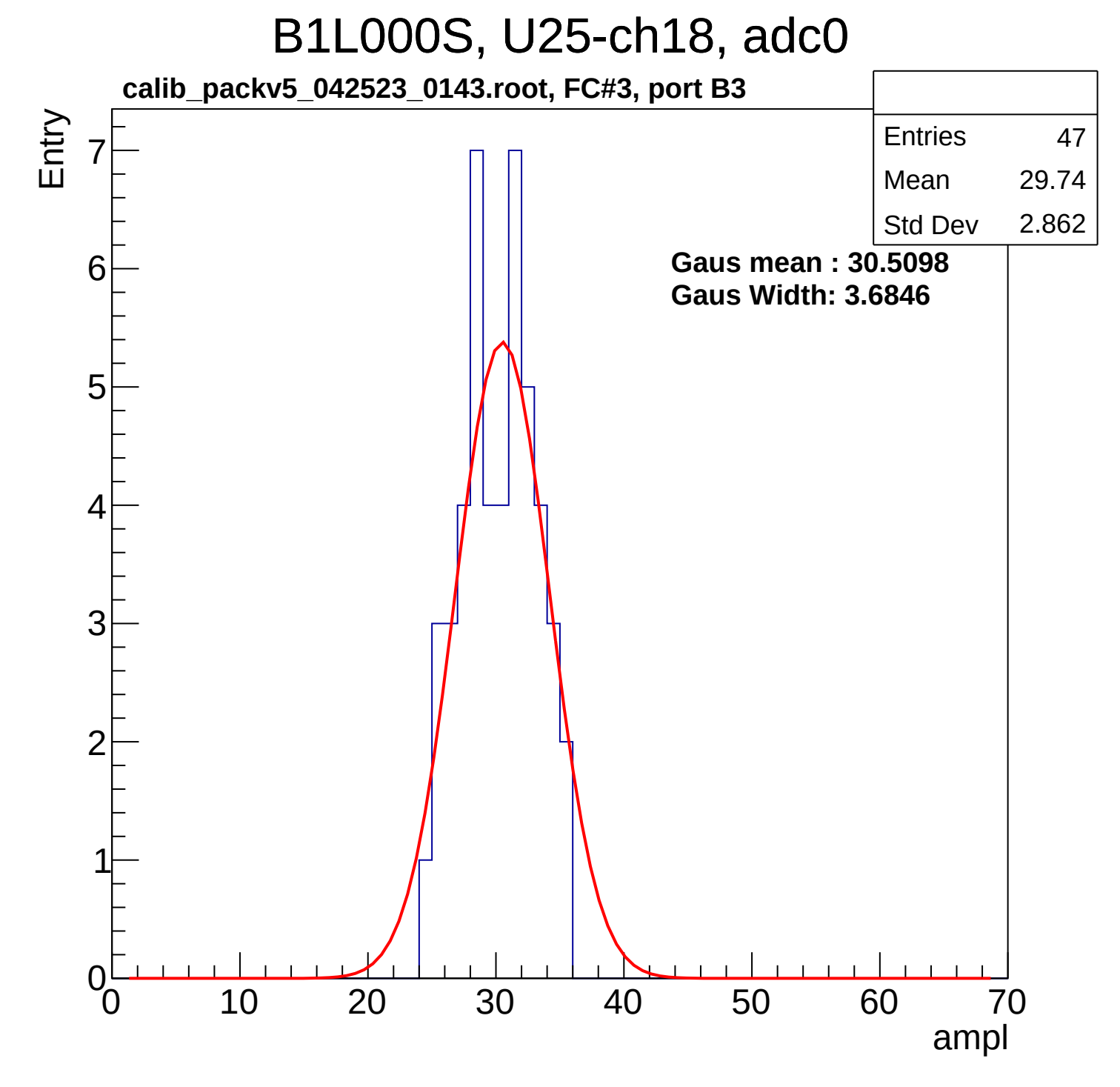
40
50
60
70
ampl


B1L000S, U25-ch18, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 29.74
Std Dev 2.862
Gaus mean : 30.5098
Gaus Width: 3.6846
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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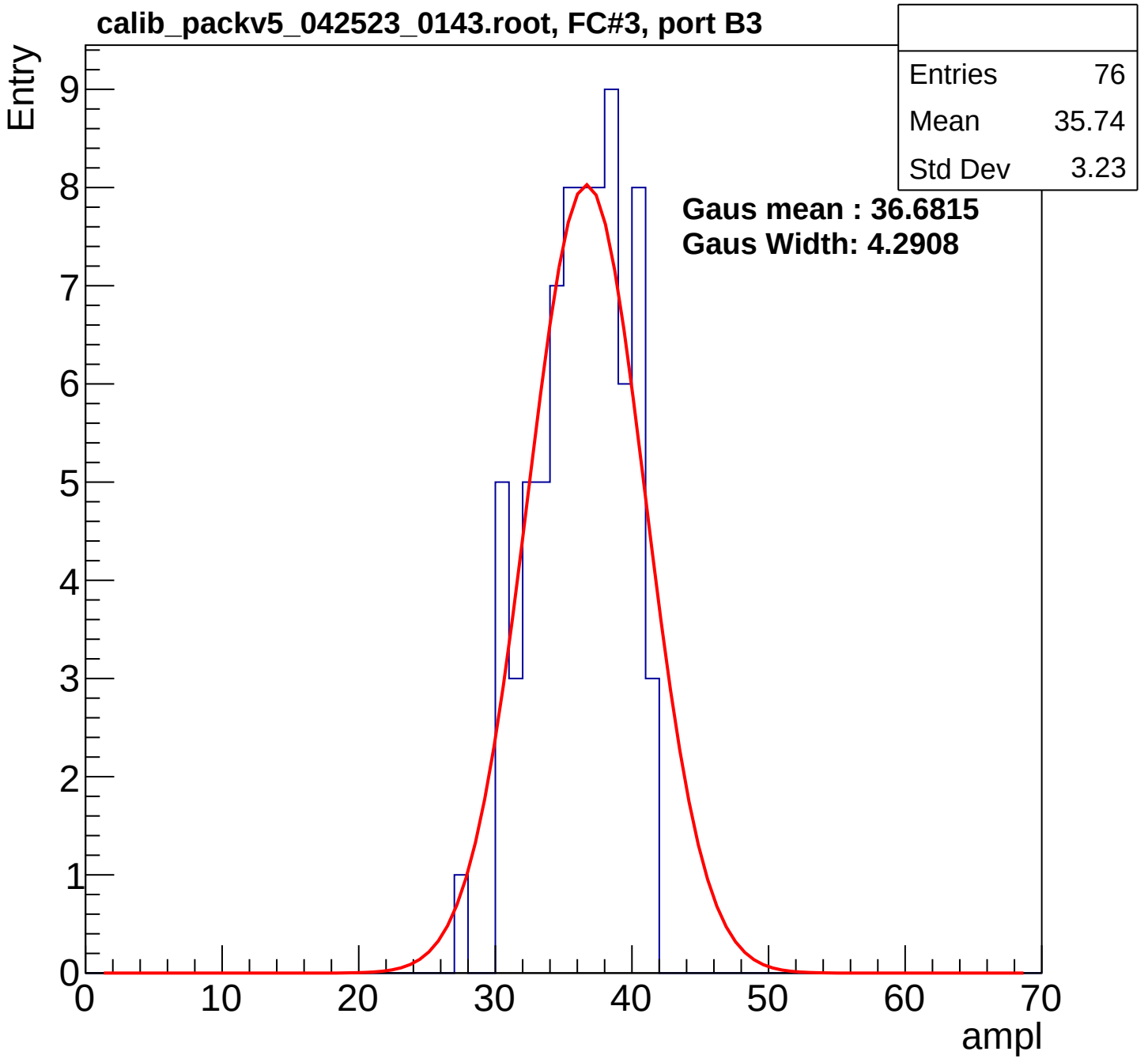
B1L000S, U25-ch18, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 35.74
Std Dev 3.23
Gaus mean : 36.6815
Gaus Width: 4.2908
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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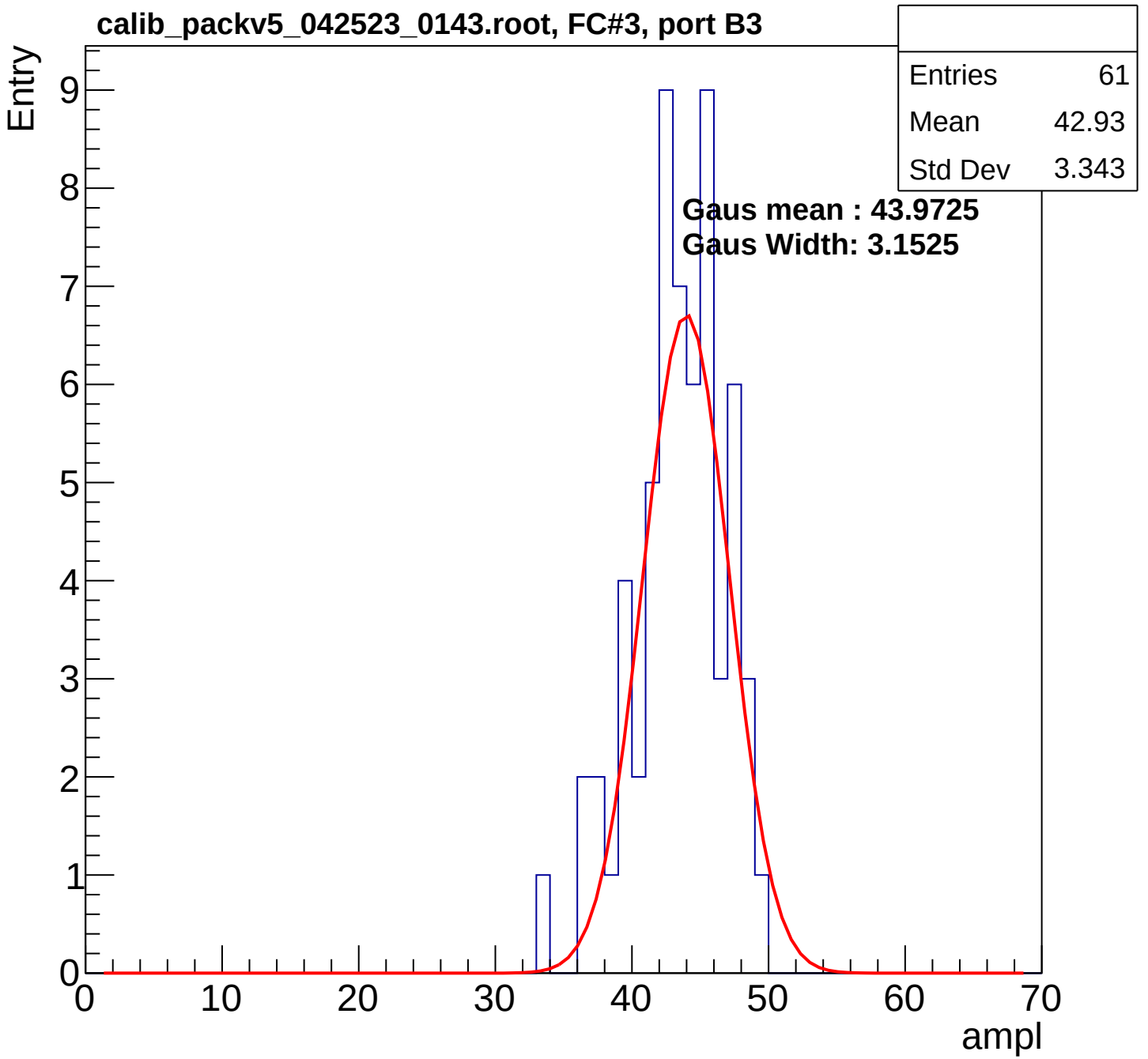
B1L000S, U25-ch18, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 42.93
Std Dev 3.343
Gaus mean : 43.9725
Gaus Width: 3.1525
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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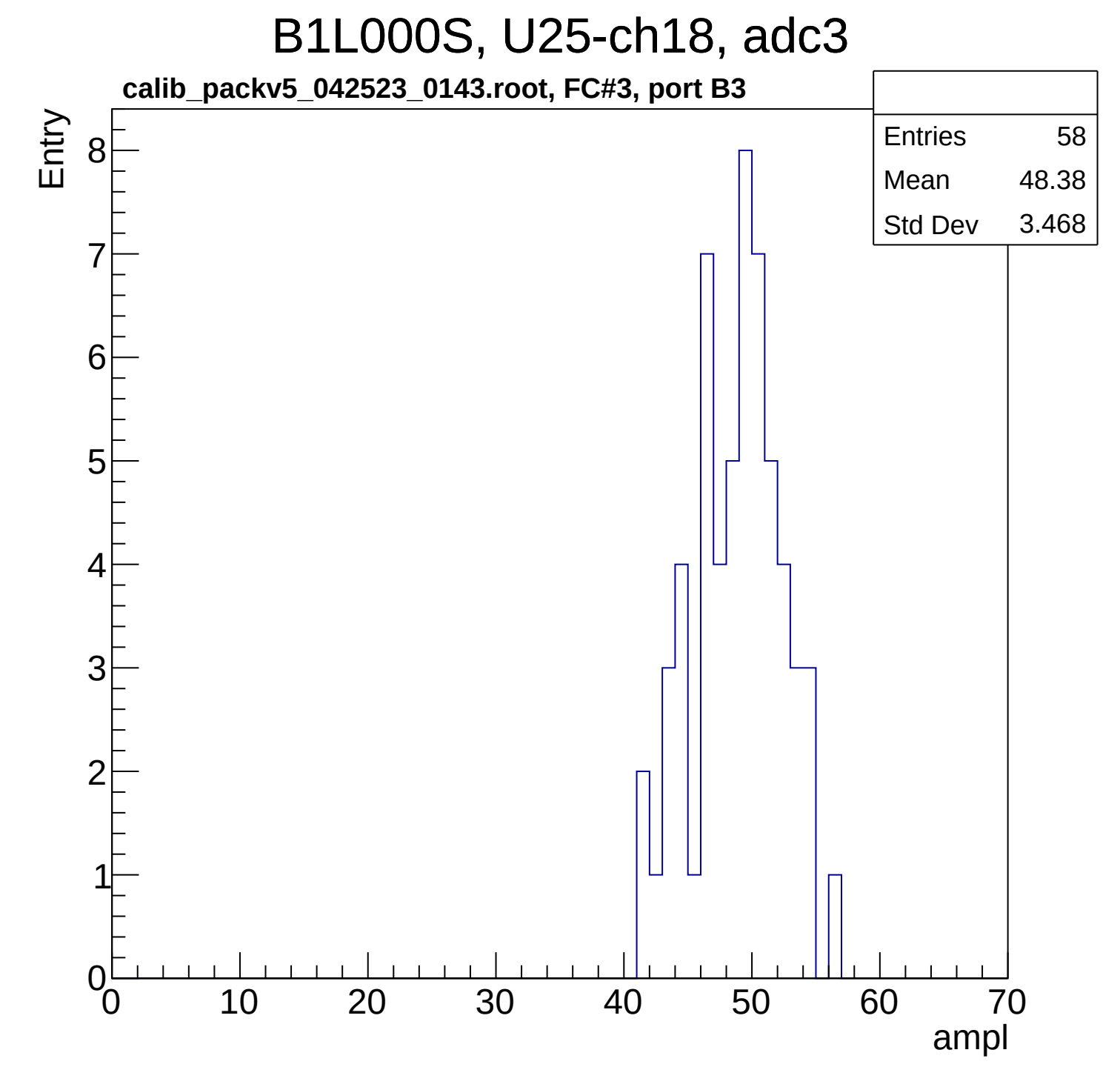
B1L000S, U25-ch18, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 48.38
Std Dev 3.468
Entry
ampl
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4
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0
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60
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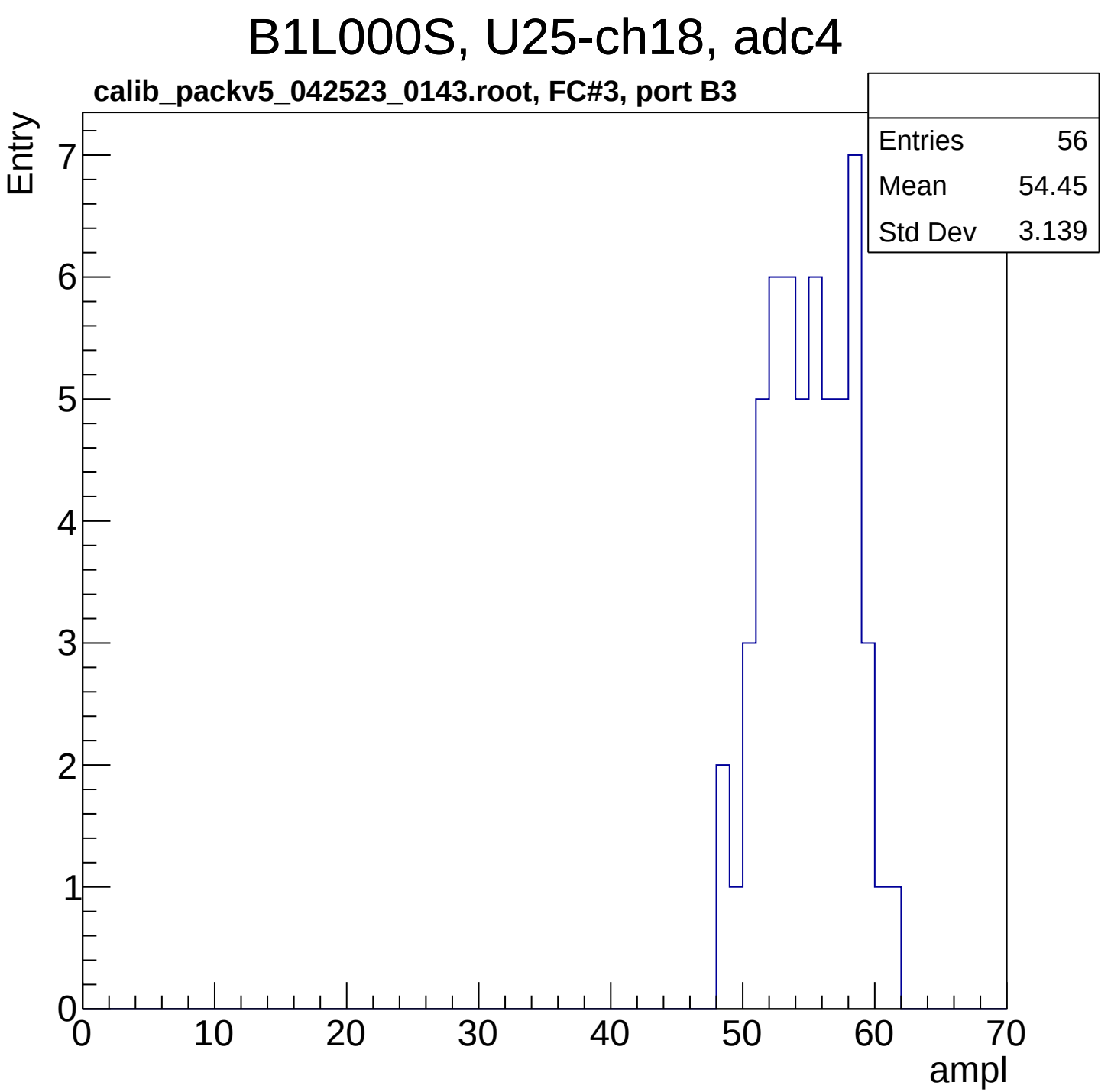
B1L000S, U25-ch18, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 54.45
Std Dev 3.139
Entry
ampl
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2
3
4
5
6
7
0
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20
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40
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60
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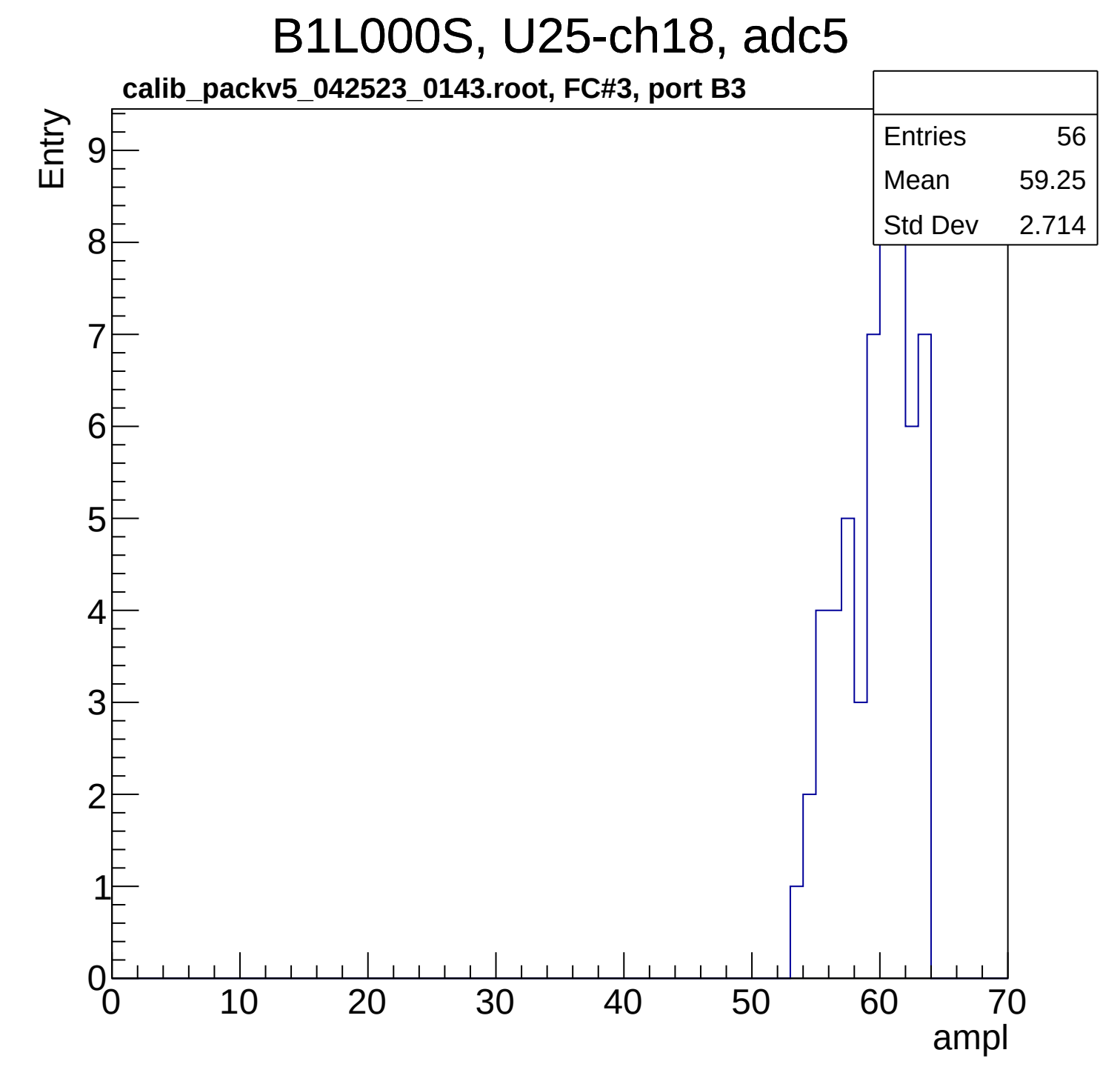
B1L000S, U25-ch18, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 59.25
Std Dev 2.714
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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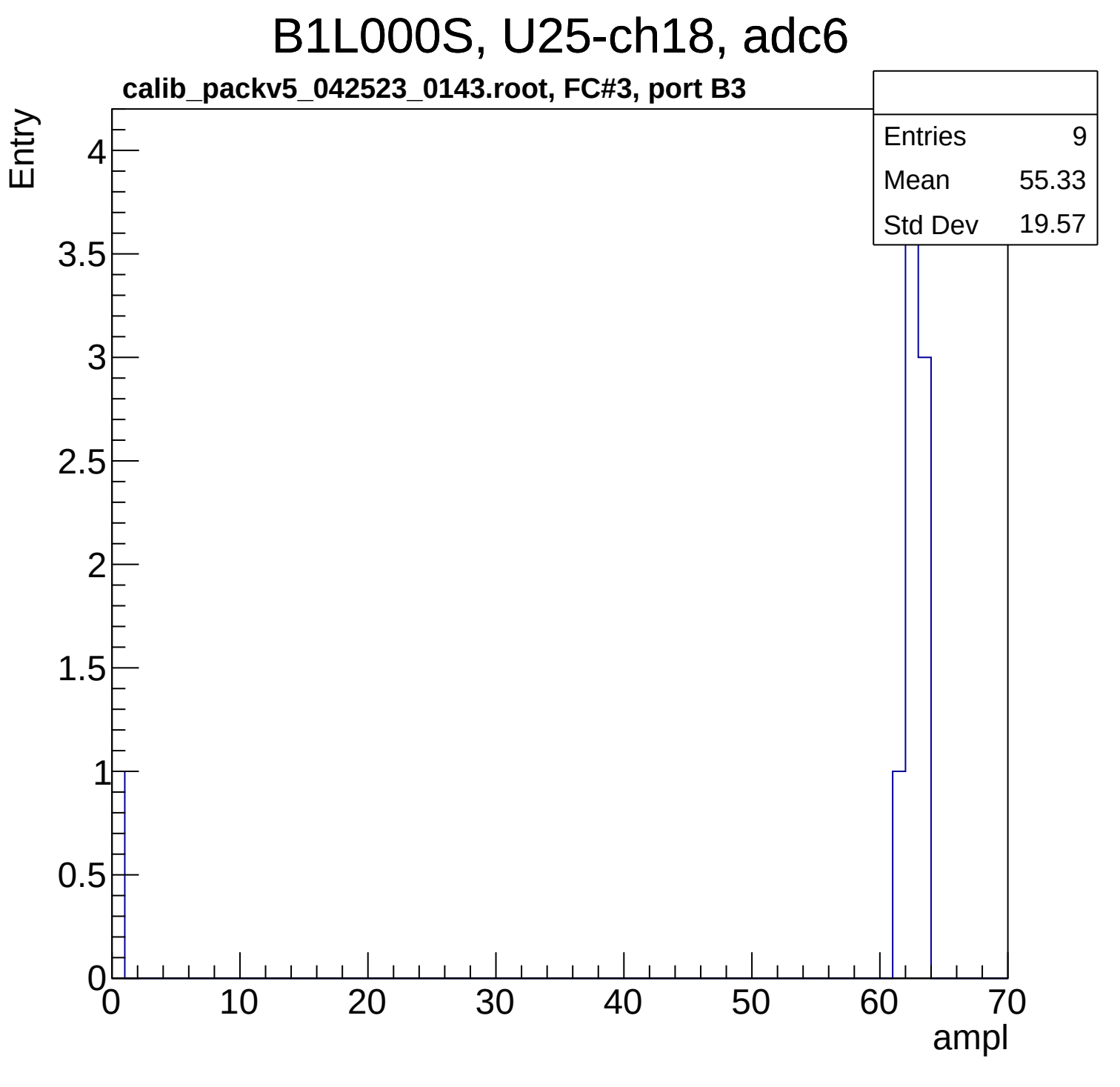
B1L000S, U25-ch18, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 55.33
Std Dev 19.57
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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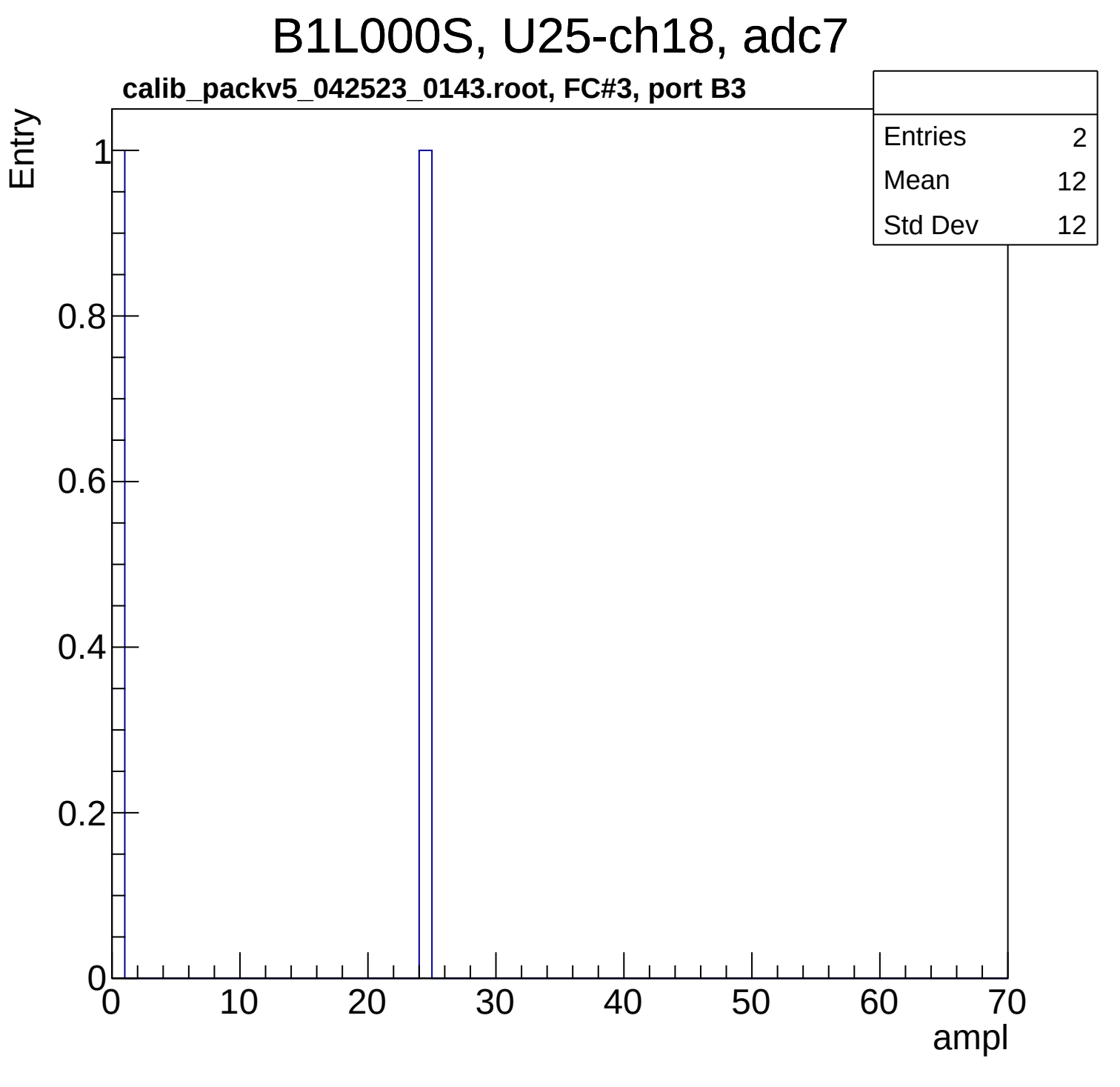
B1L000S, U25-ch18, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 12
Std Dev 12
Entry
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0.4
0.2
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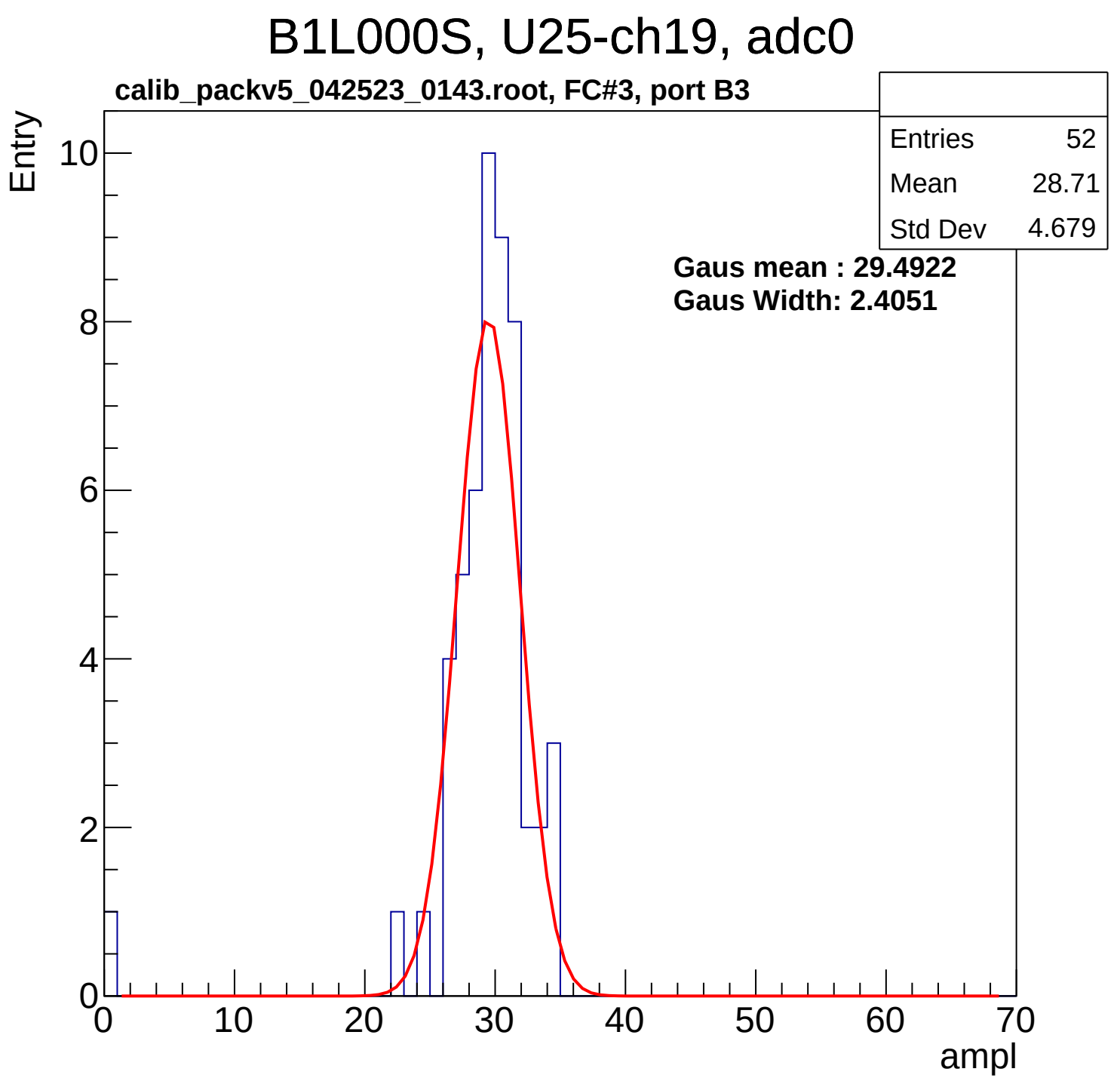
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch19, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 28.71
Std Dev 4.679
Gaus mean : 29.4922
Gaus Width: 2.4051
Entry
ampl
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2
4
6
8
10
0
10
20
30
40
50
60
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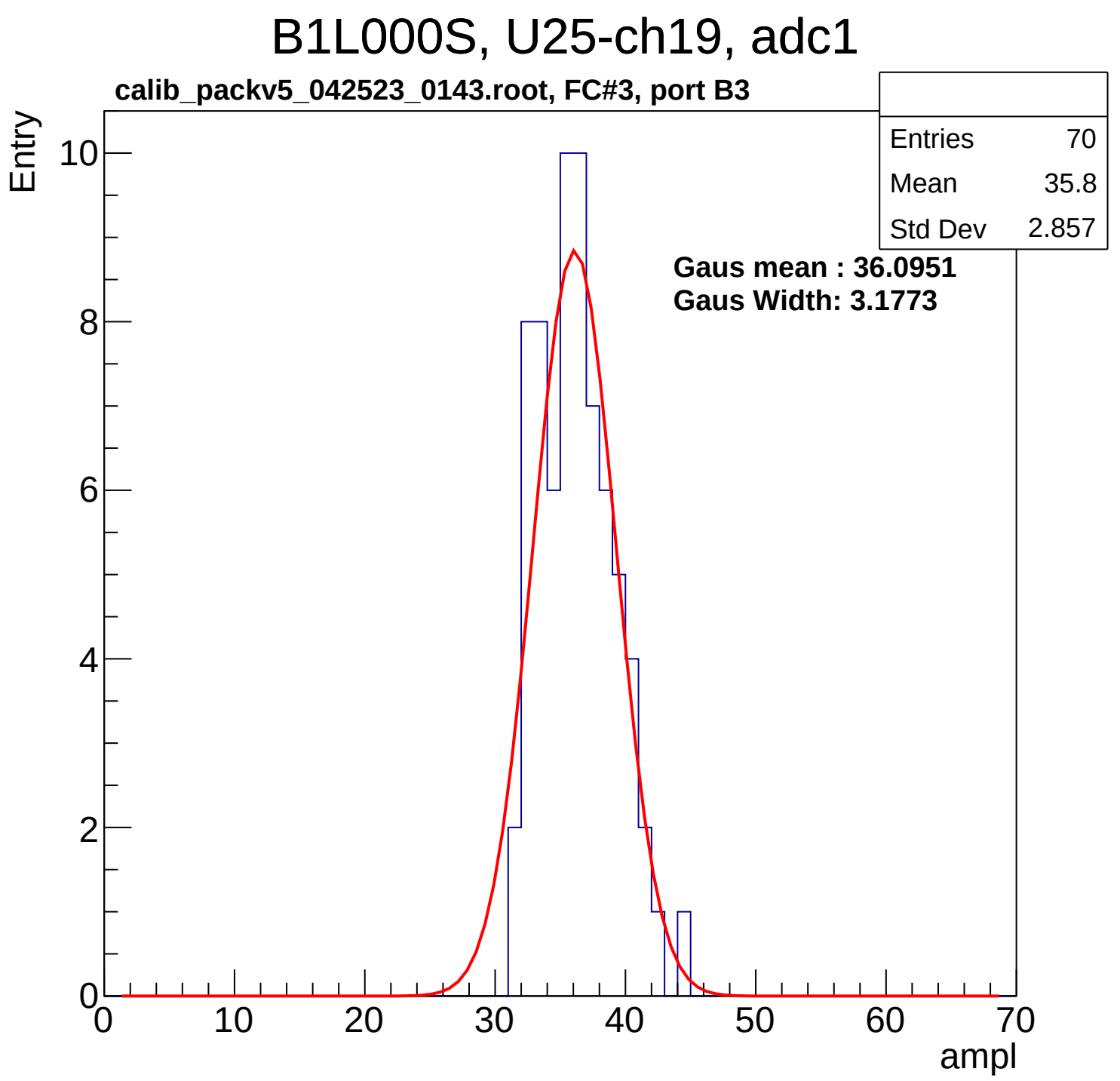
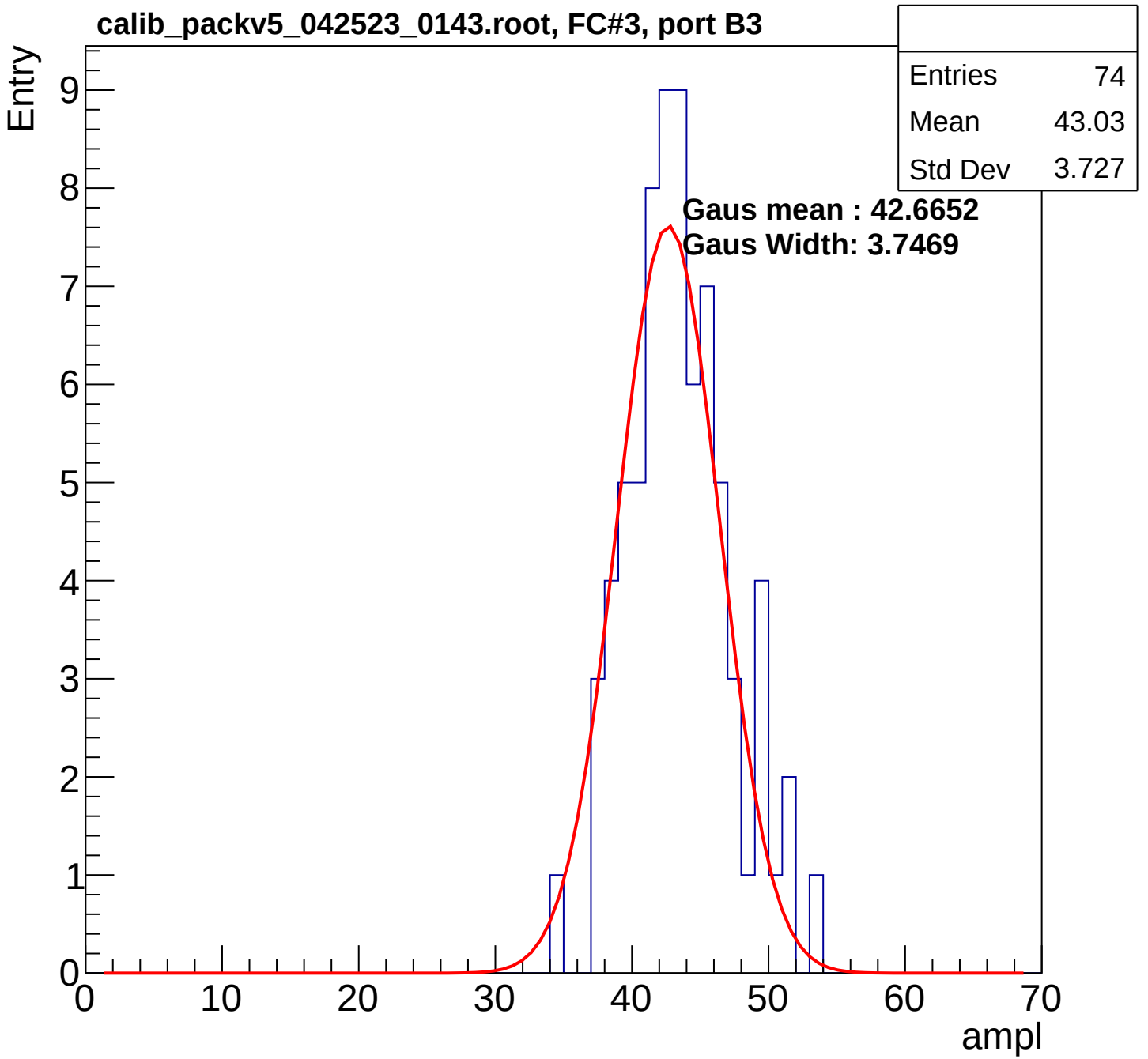

B1L000S, U25-ch19, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 35.8
Std Dev 2.857
Gaus mean : 36.0951
Gaus Width: 3.1773
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch19, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 43.03
Std Dev 3.727
Gaus mean : 42.6652
Gaus Width: 3.7469
Entry
ampl
0
1
2
3
4
5
6
7
8
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0
10
20
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40
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60
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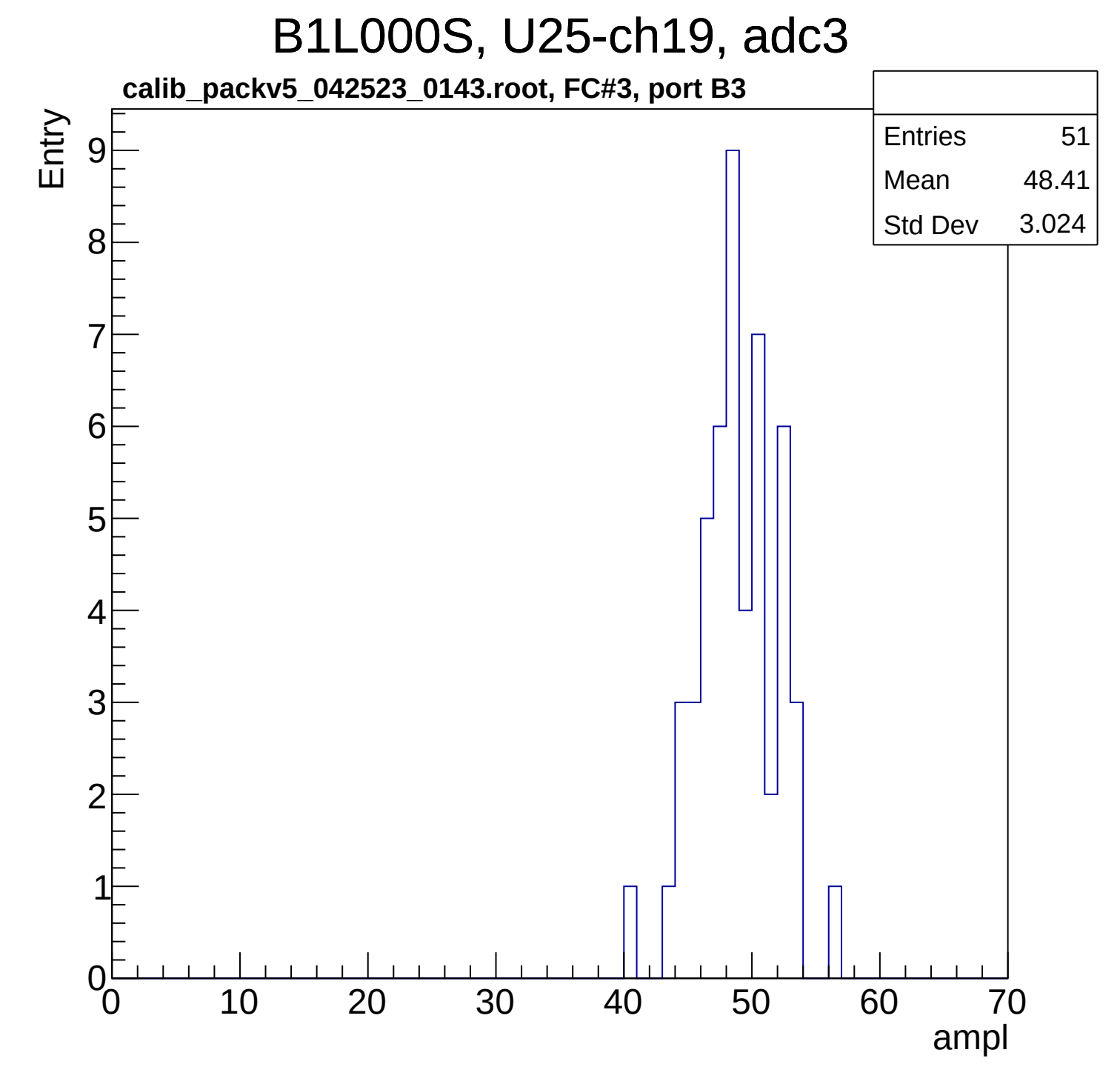
B1L000S, U25-ch19, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 48.41
Std Dev 3.024
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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60
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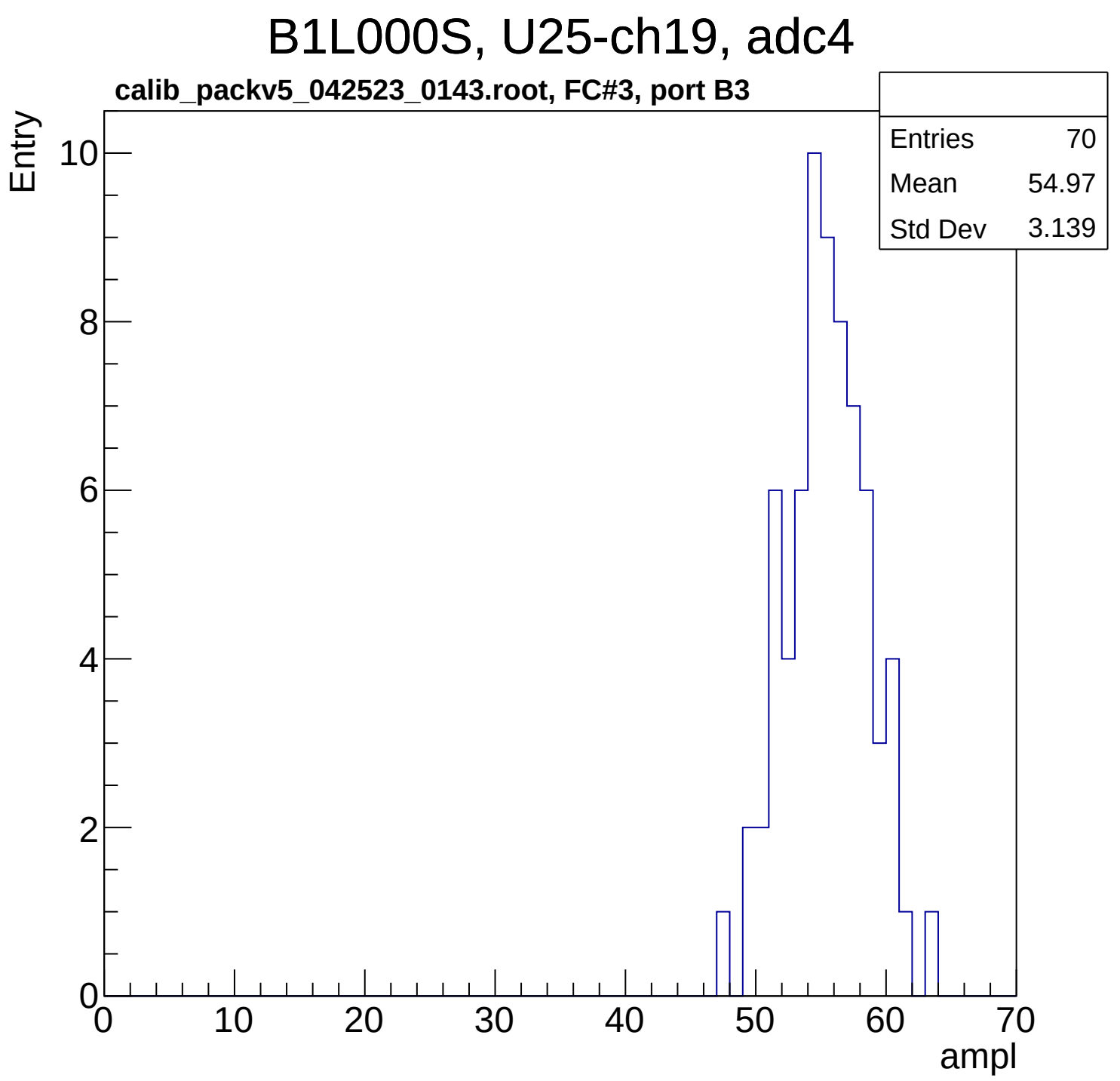
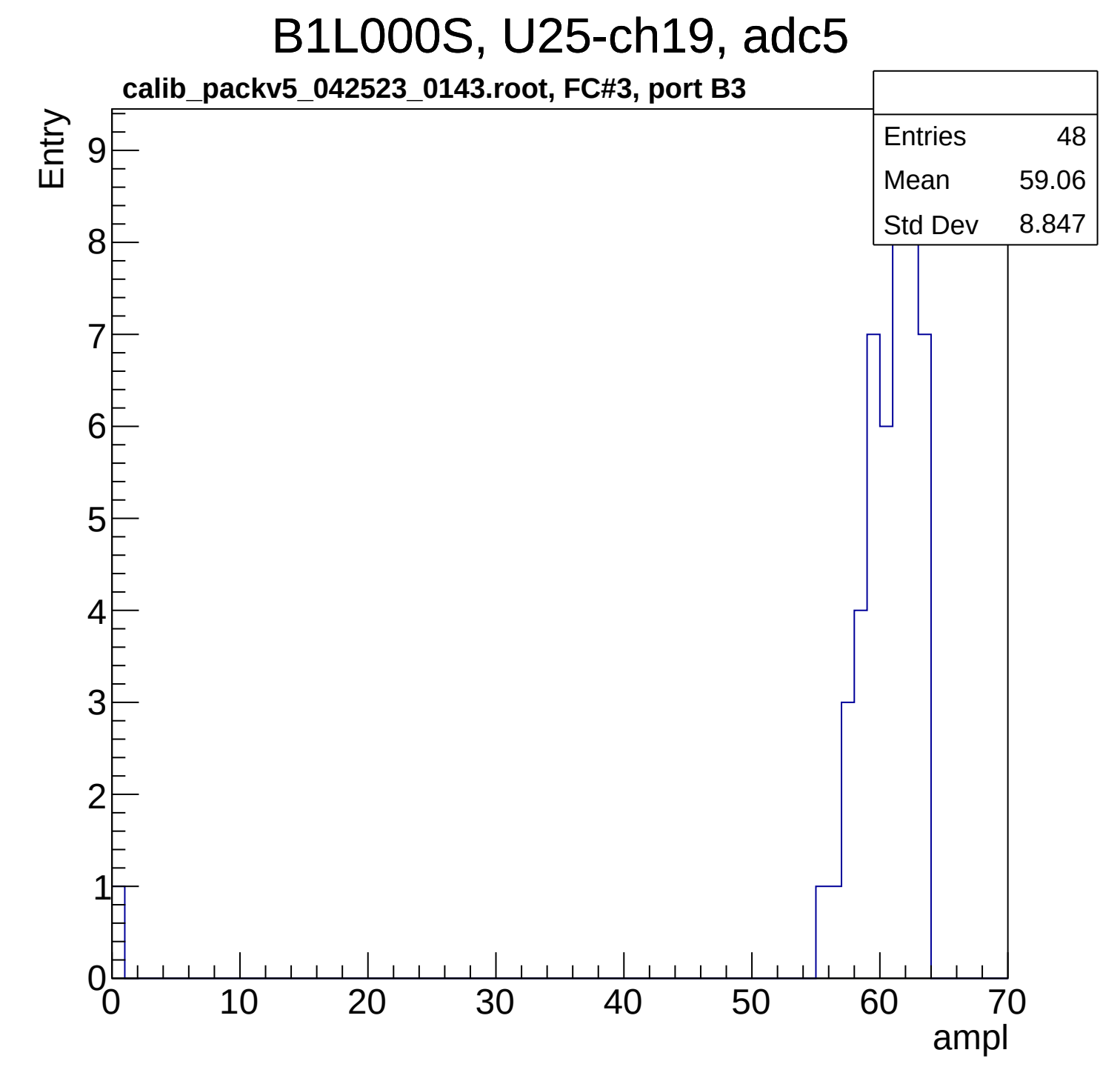

B1L000S, U25-ch19, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 54.97
Std Dev 3.139
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch19, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 59.06
Std Dev 8.847
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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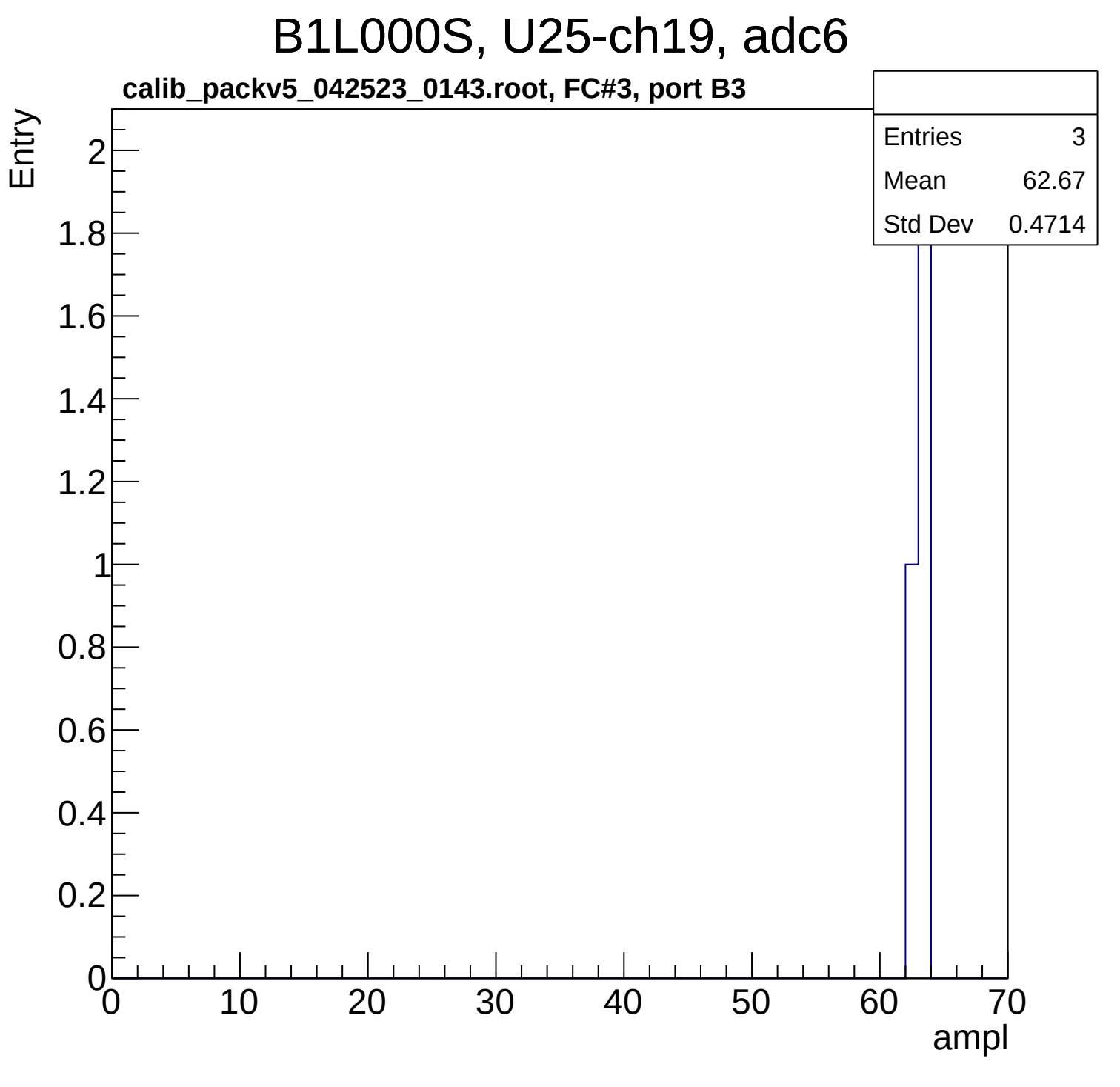
B1L000S, U25-ch19, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 62.67
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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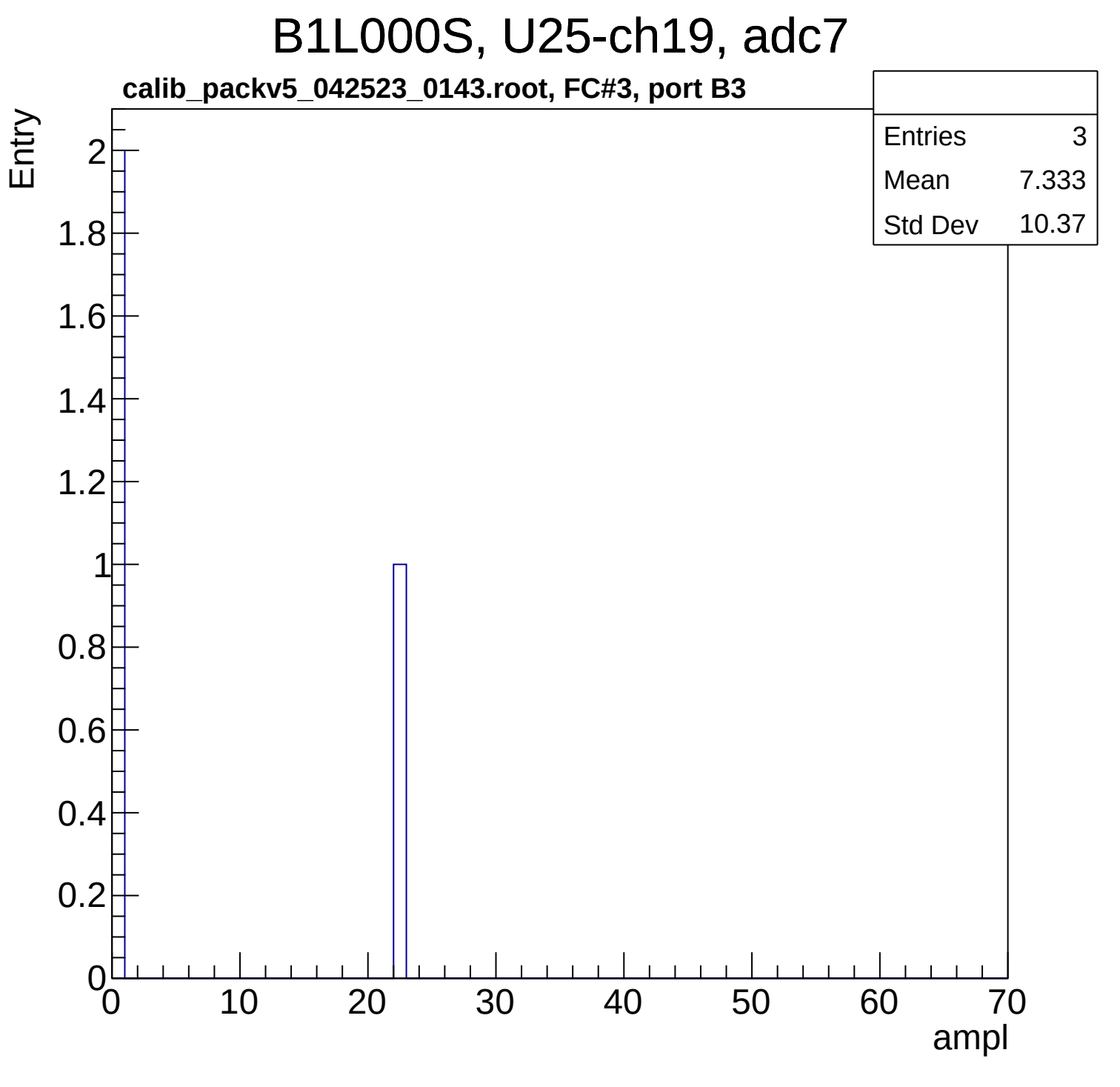
B1L000S, U25-ch19, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 7.333
Std Dev 10.37
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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40
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60
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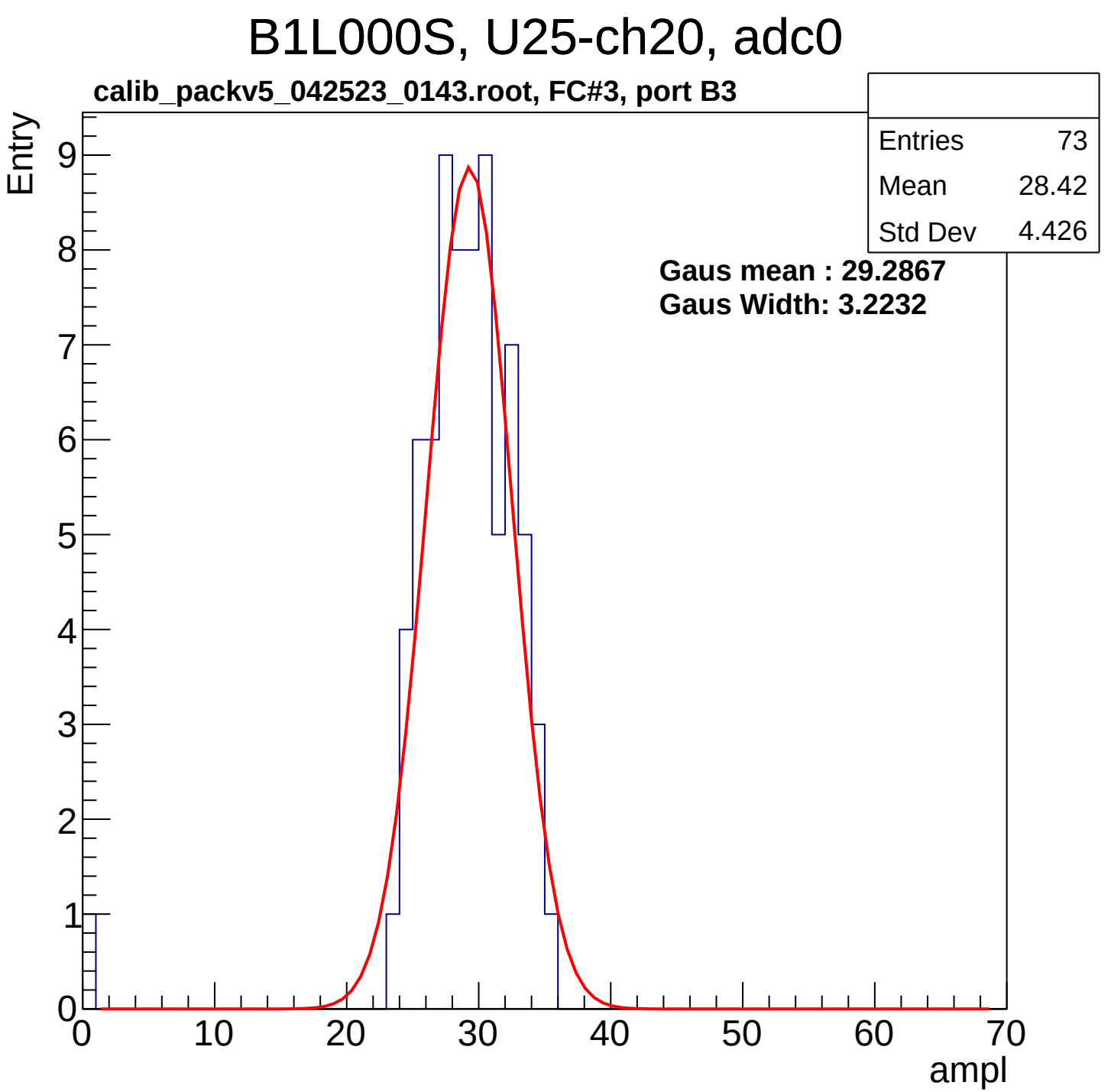
B1L000S, U25-ch20, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 28.42
Std Dev 4.426
Gaus mean : 29.2867
Gaus Width: 3.2232
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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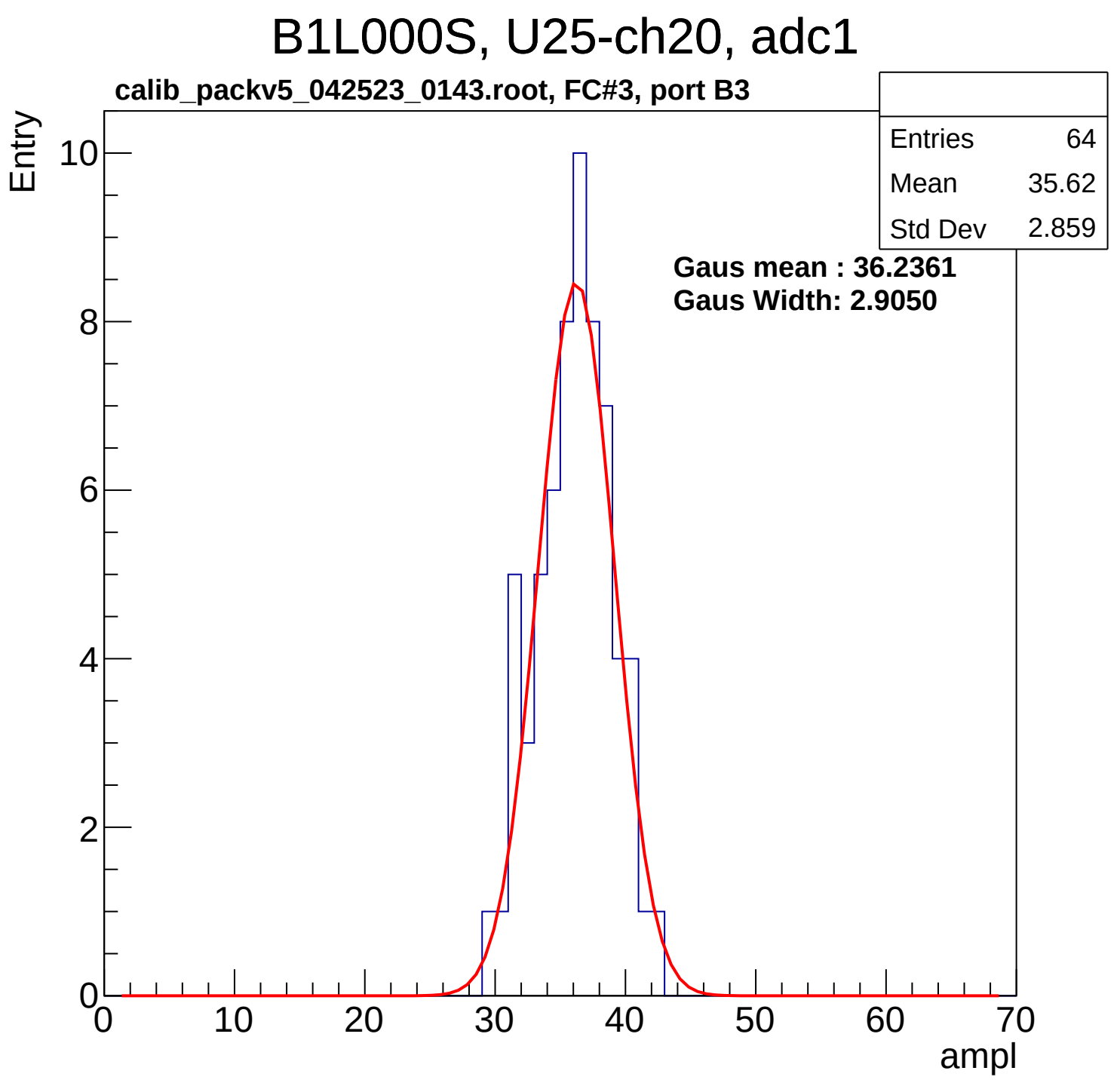
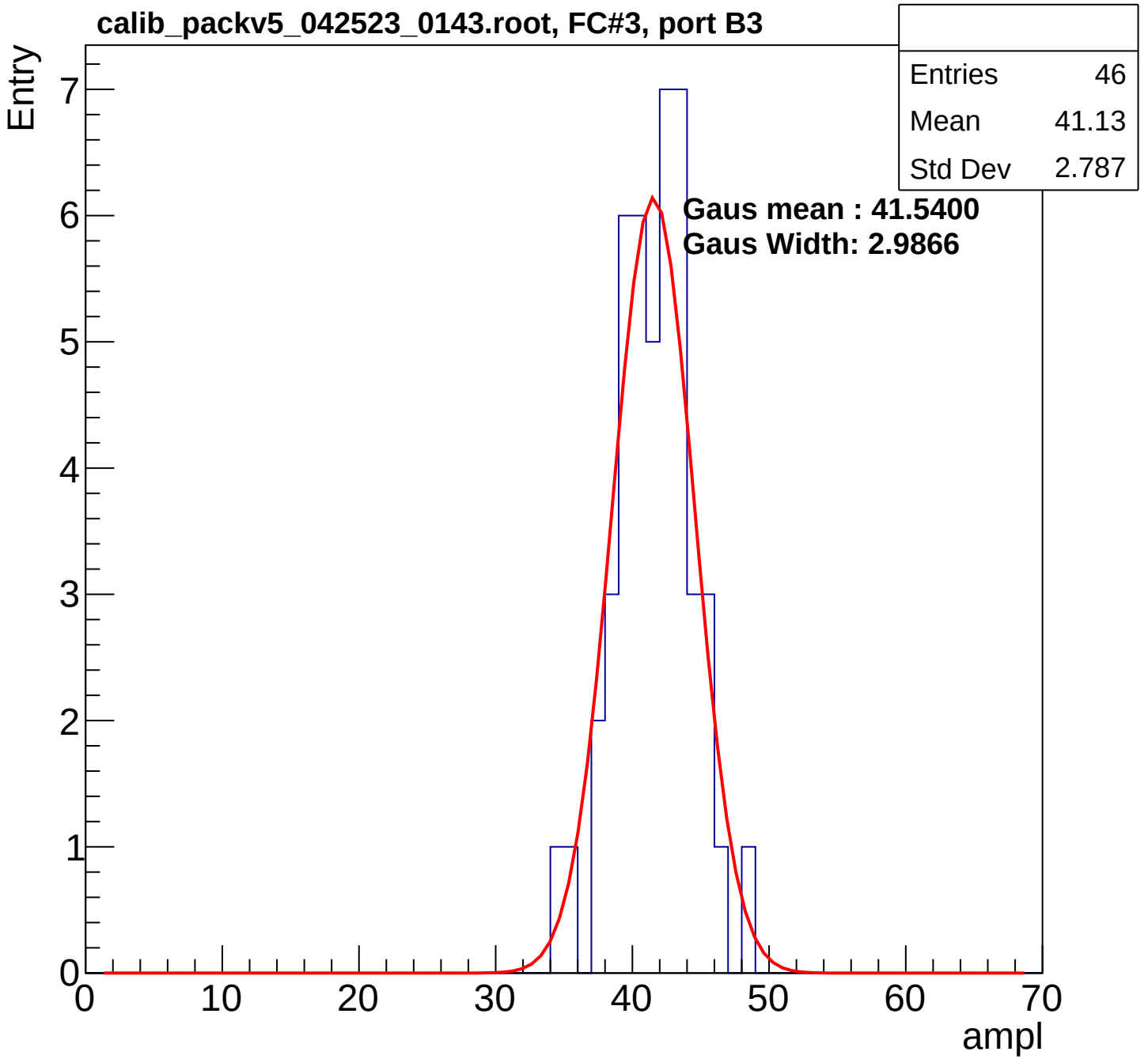
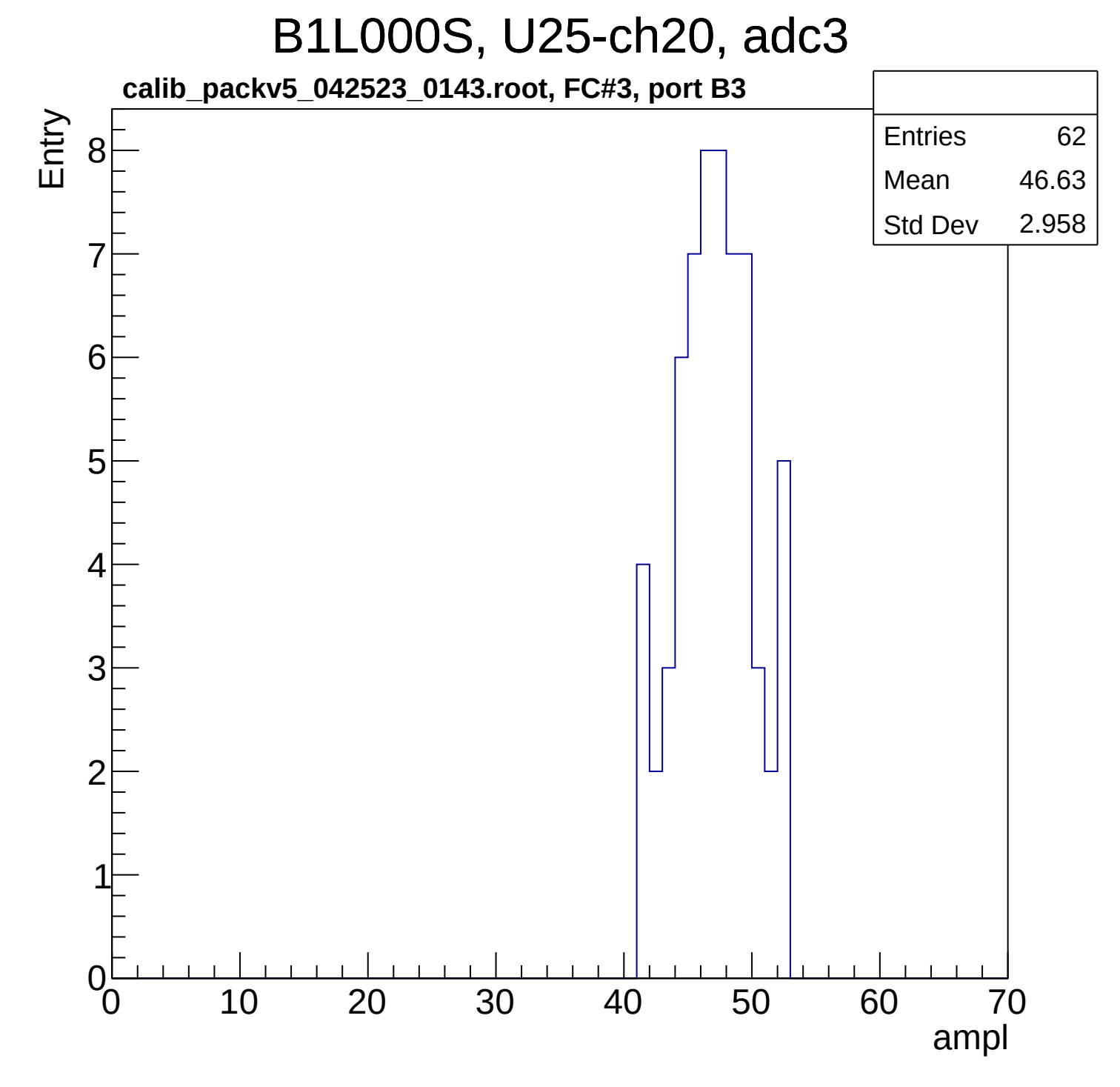
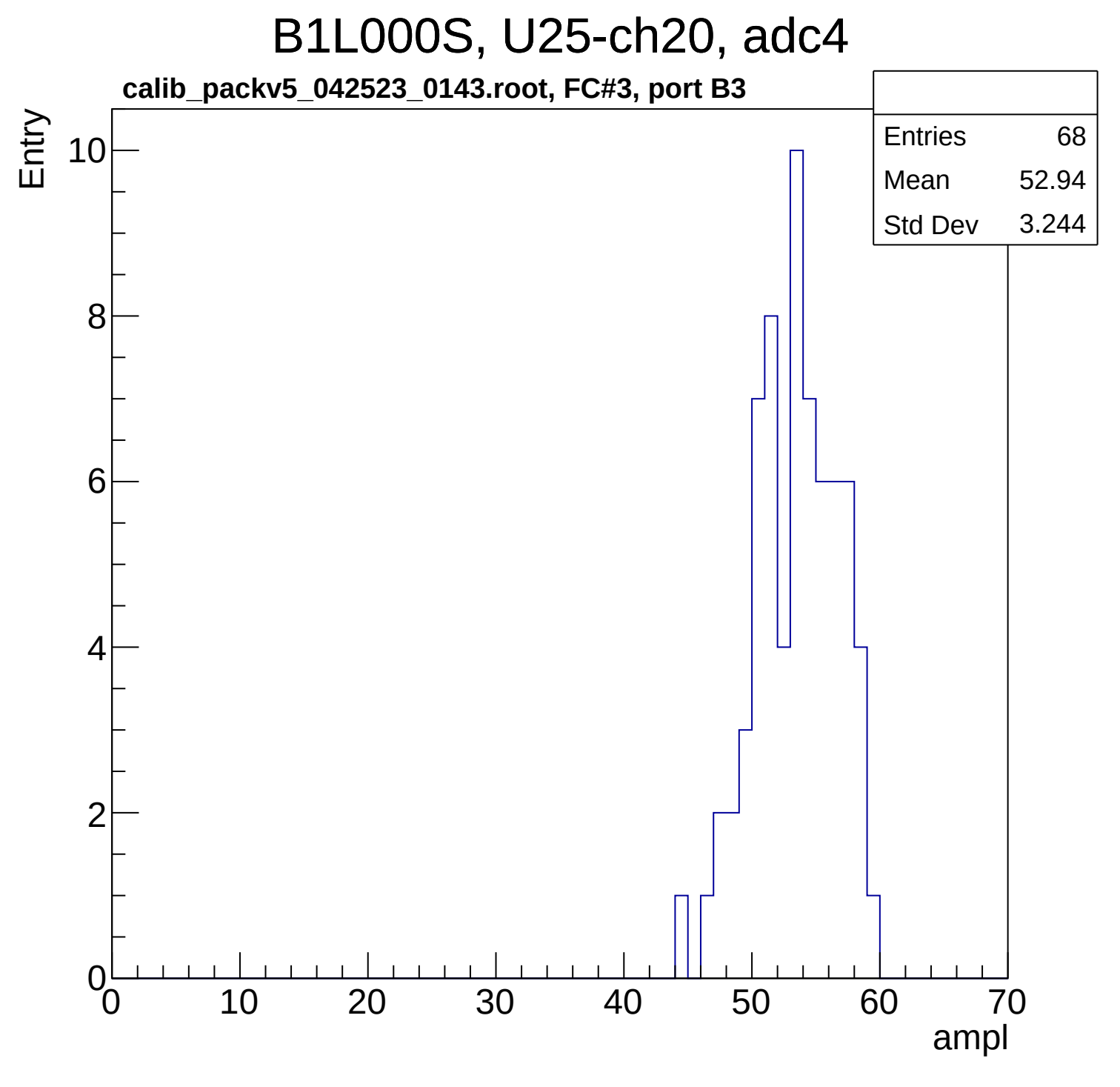

B1L000S, U25-ch20, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 35.62
Std Dev 2.859
Gaus mean : 36.2361
Gaus Width: 2.9050
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch20, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 41.13
Std Dev 2.787
Gaus mean : 41.5400
Gaus Width: 2.9866
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U25-ch20, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 46.63
Std Dev 2.958
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch20, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 52.94
Std Dev 3.244
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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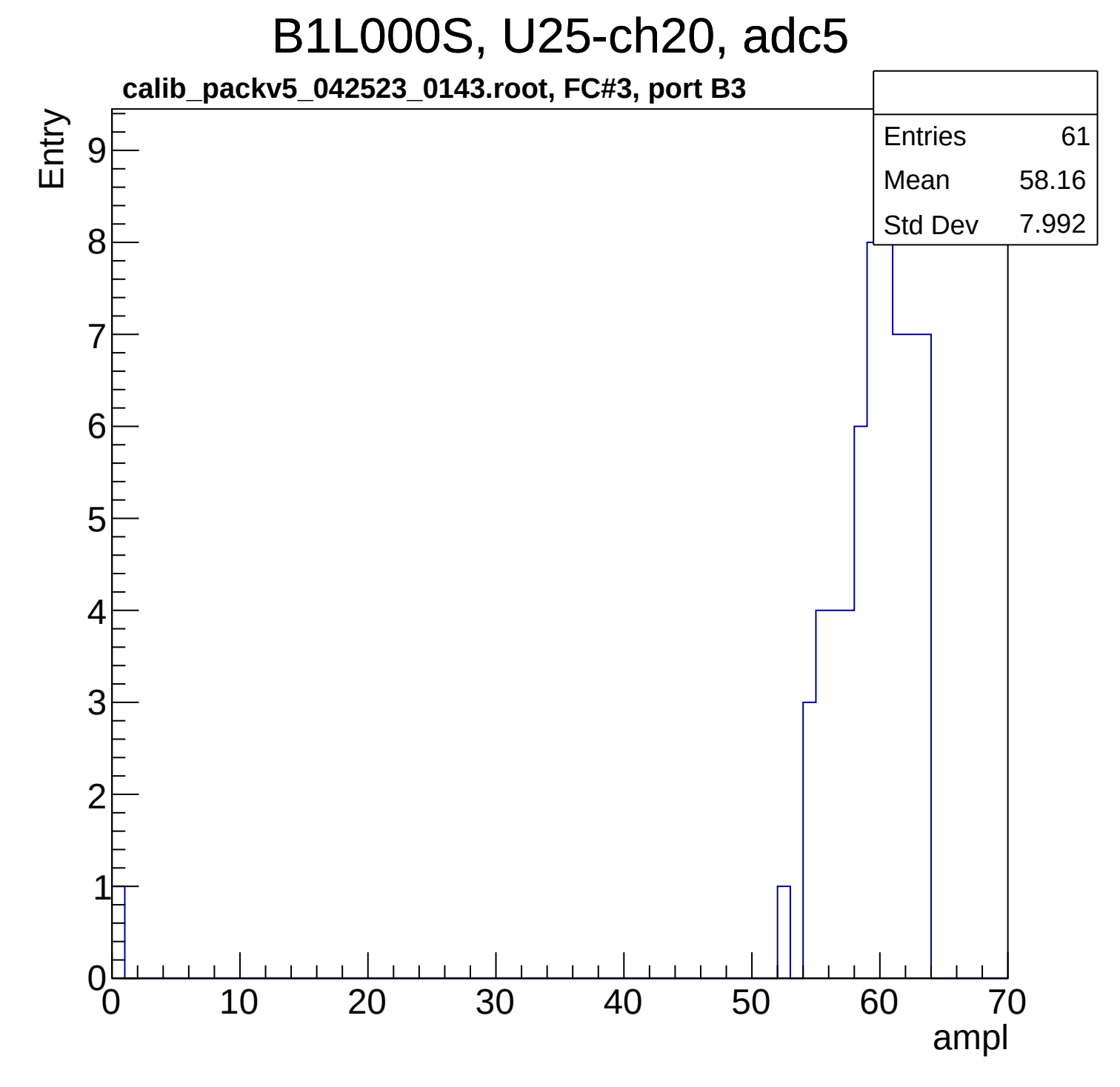
B1L000S, U25-ch20, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 58.16
Std Dev 7.992
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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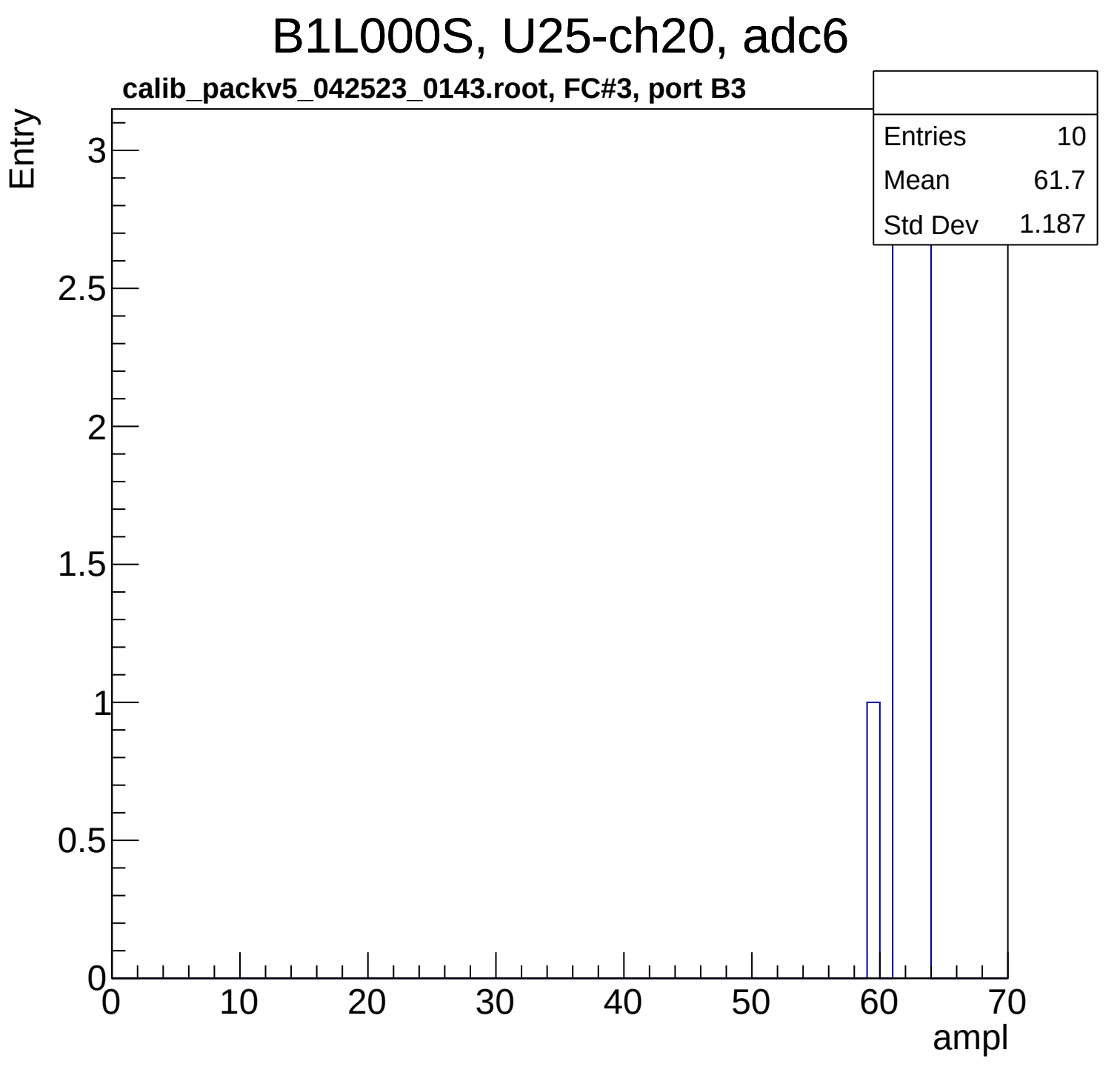
B1L000S, U25-ch20, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 10
Mean 61.7
Std Dev 1.187
Entry
ampl
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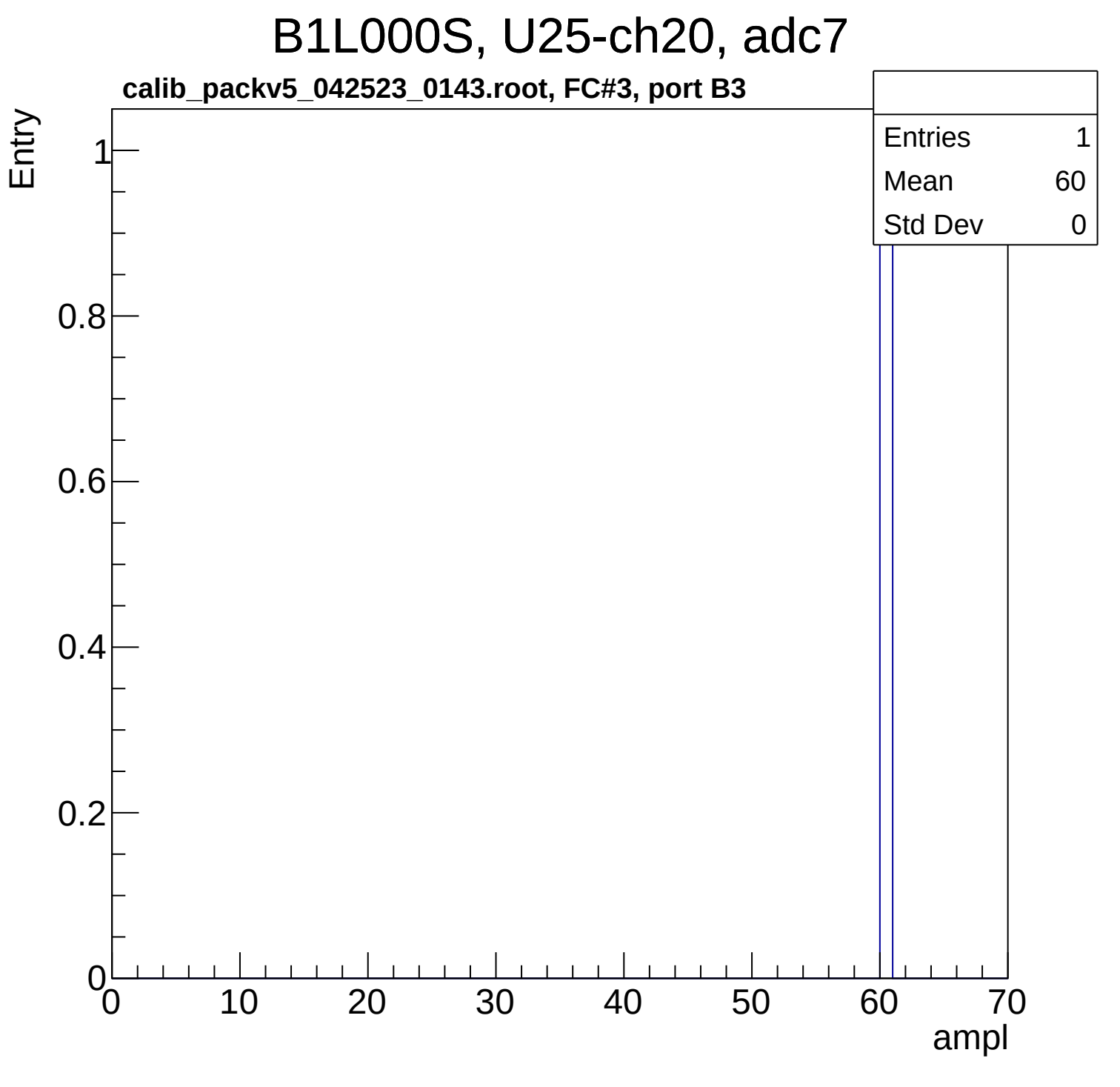
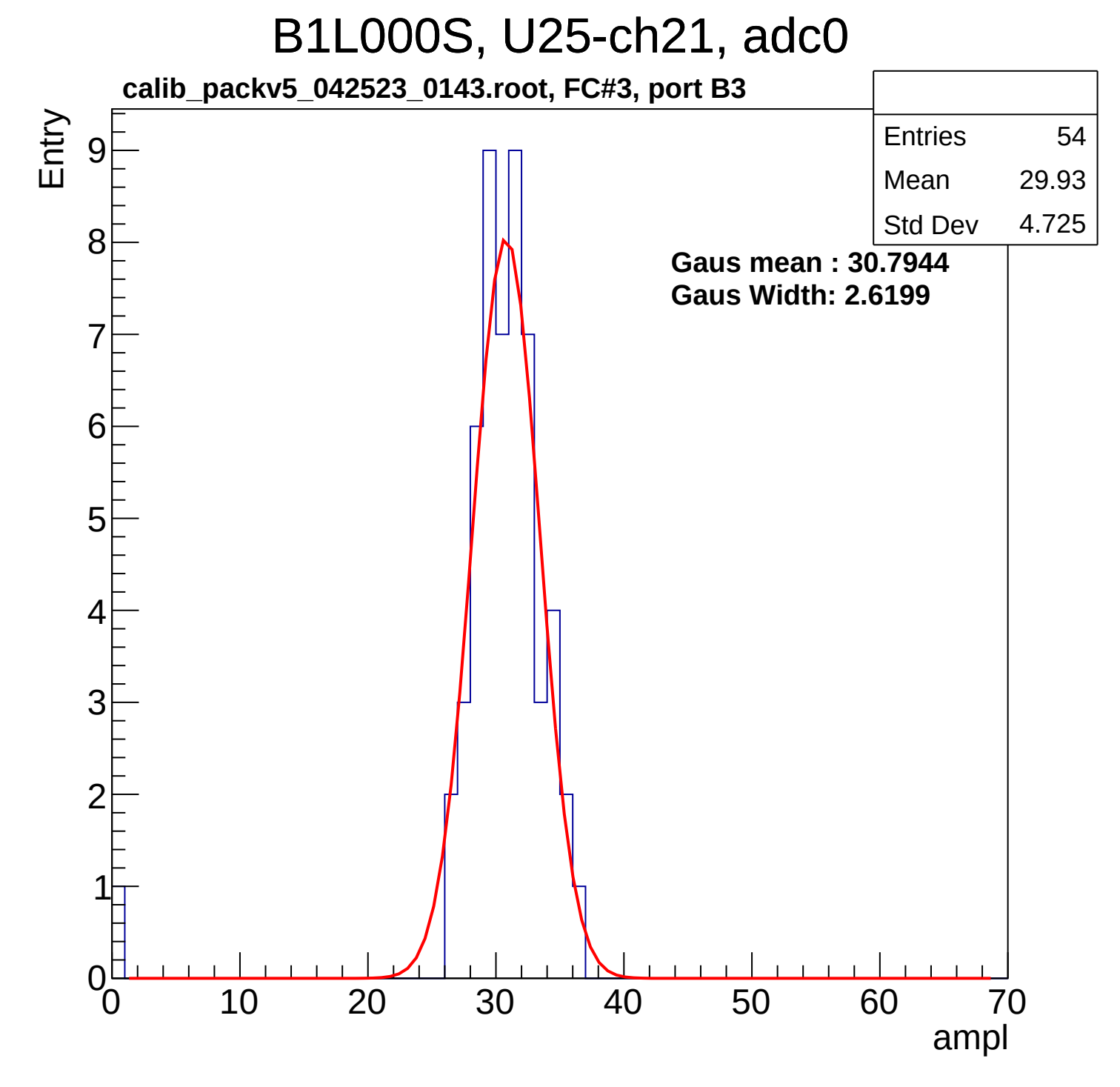
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U25-ch20, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 60
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch21, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 29.93
Std Dev 4.725
Gaus mean : 30.7944
Gaus Width: 2.6199
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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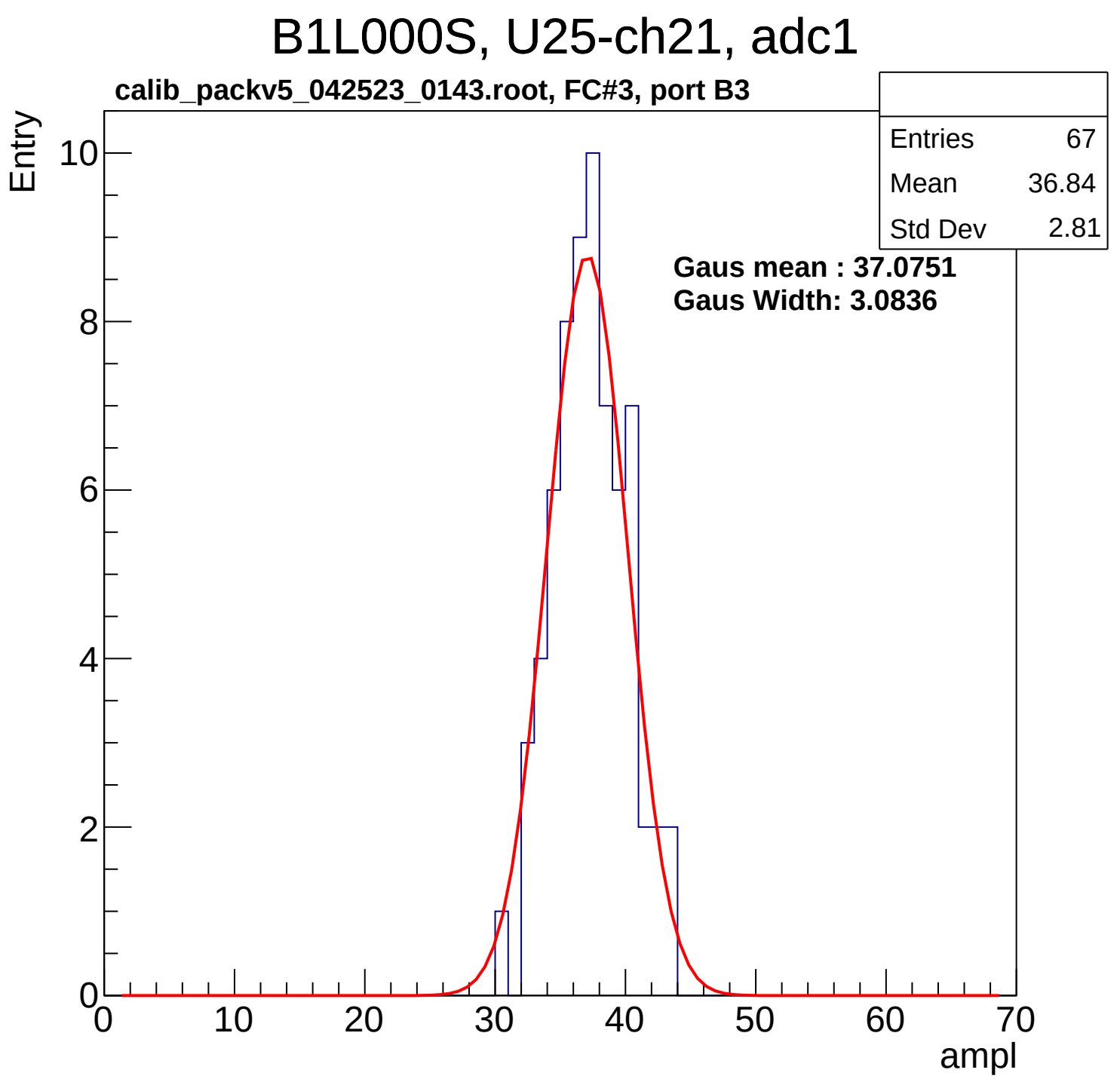
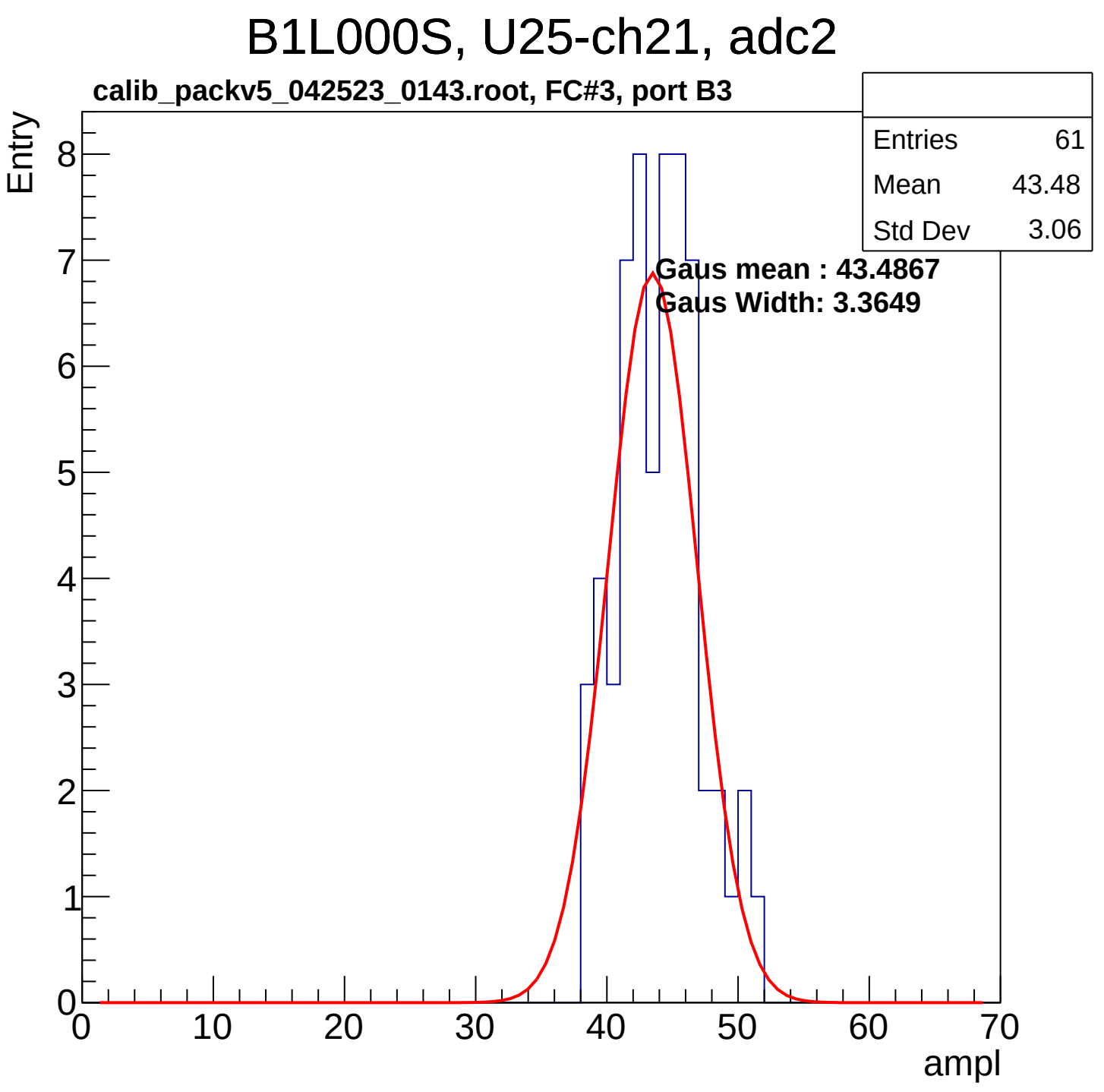

B1L000S, U25-ch21, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 36.84
Std Dev 2.81
Gaus mean : 37.0751
Gaus Width: 3.0836
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch21, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 43.48
Std Dev 3.06
Gaus mean : 43.4867
Gaus Width: 3.3649
Entry
ampl
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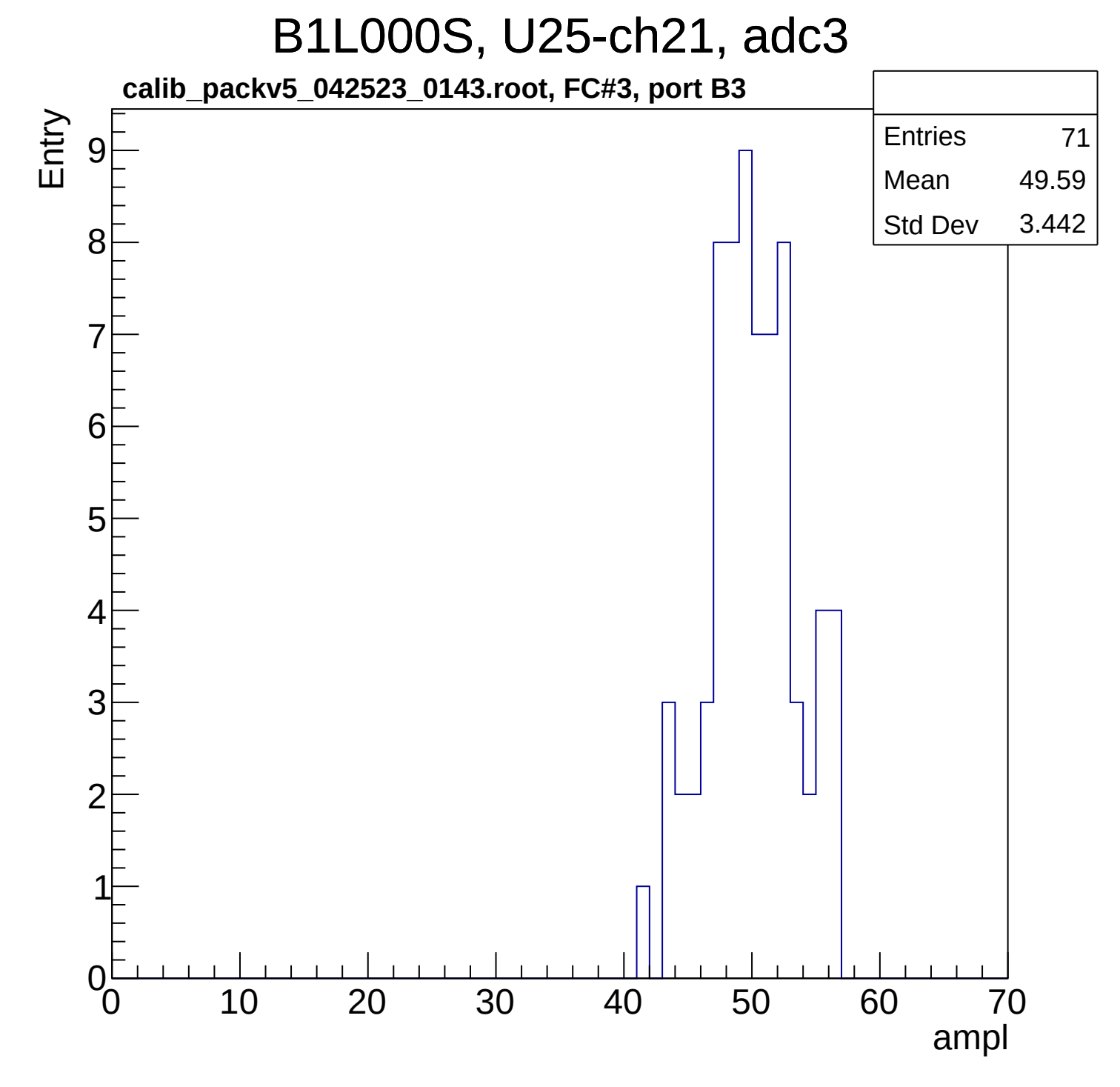
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch21, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 49.59
Std Dev 3.442
Entry
ampl
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2
3
4
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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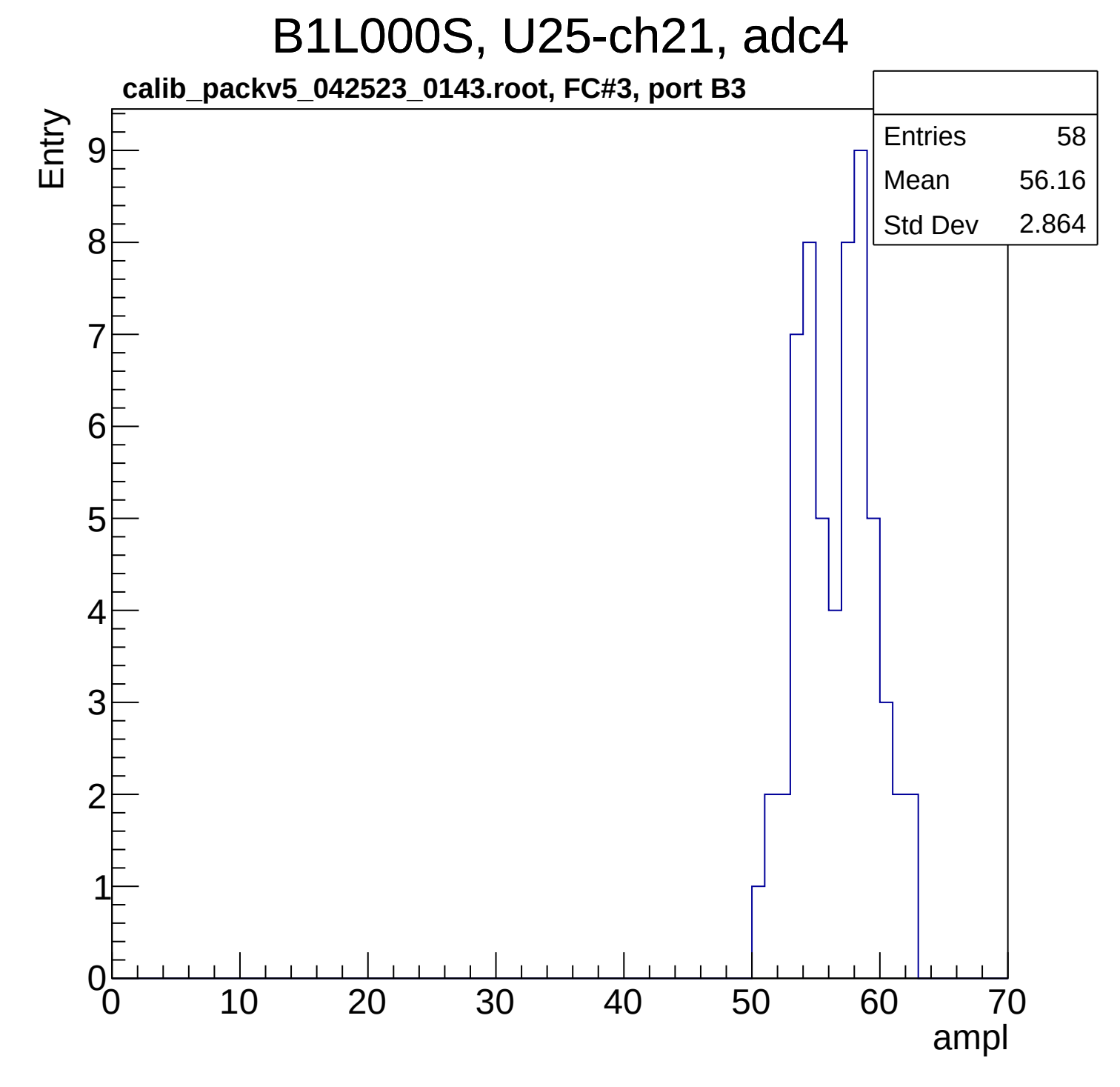
B1L000S, U25-ch21, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 56.16
Std Dev 2.864
Entry
ampl
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3
4
5
6
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0
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40
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60
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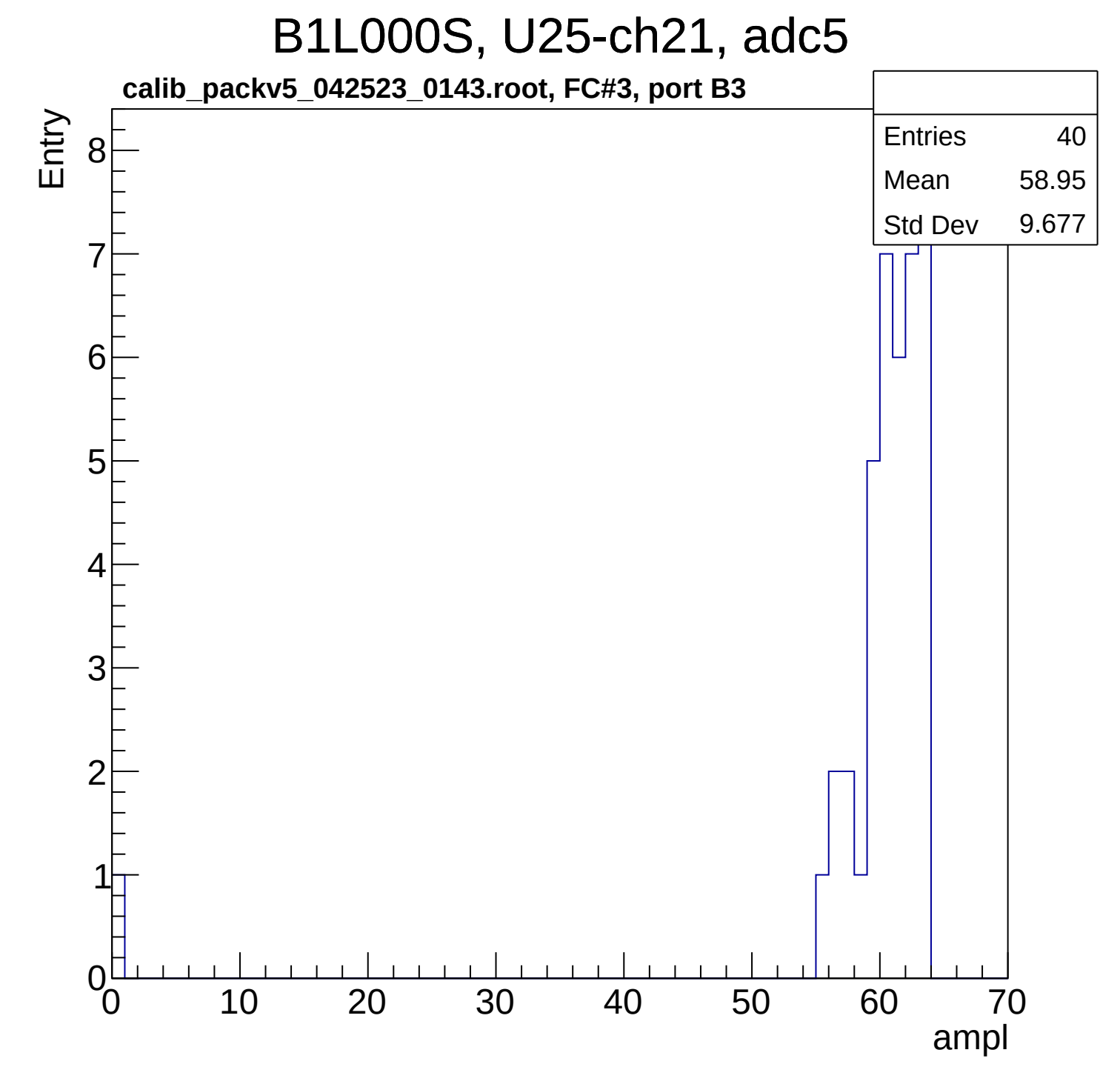
B1L000S, U25-ch21, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 40
Mean 58.95
Std Dev 9.677
Entry
ampl
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5
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0
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20
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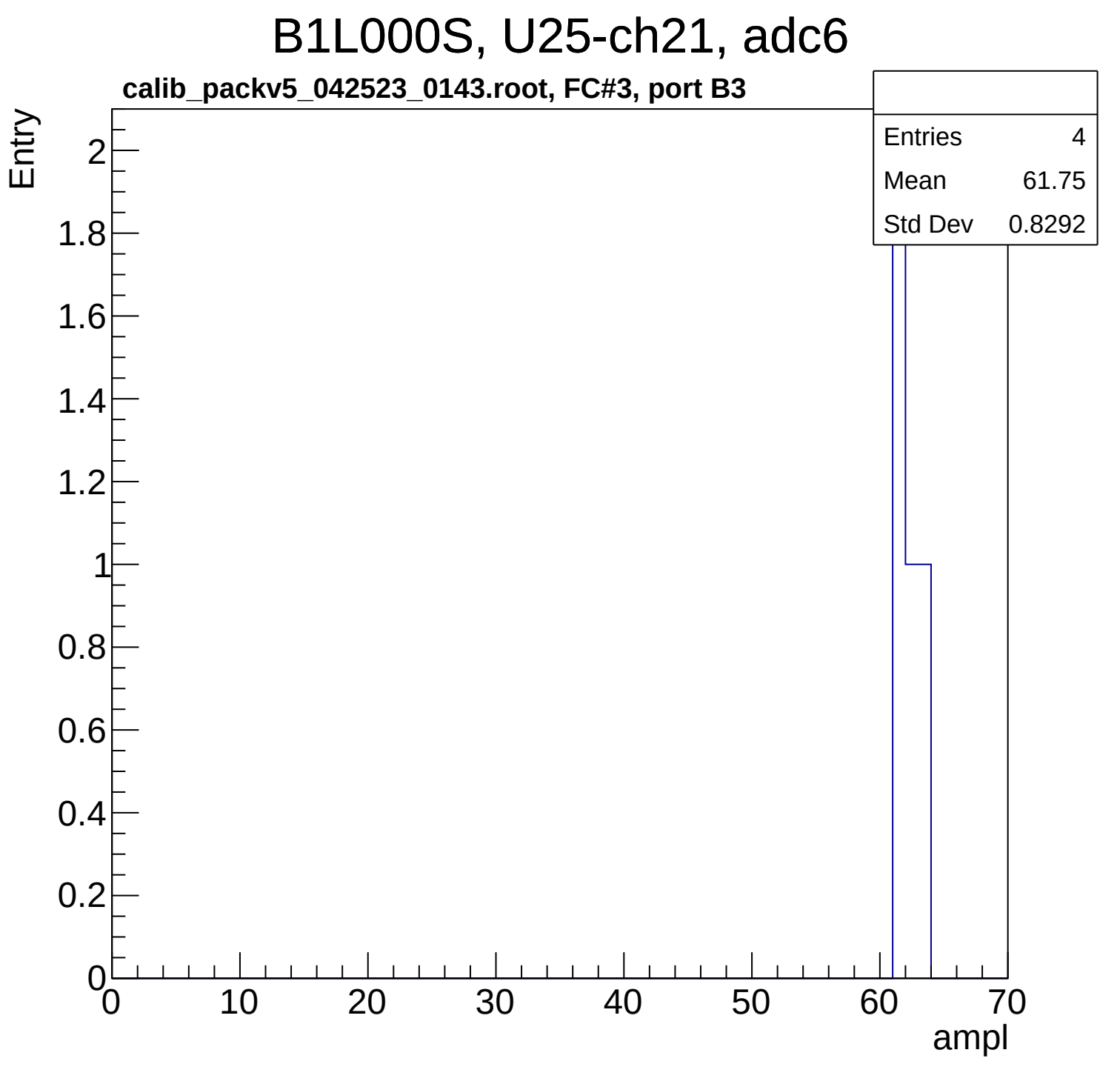
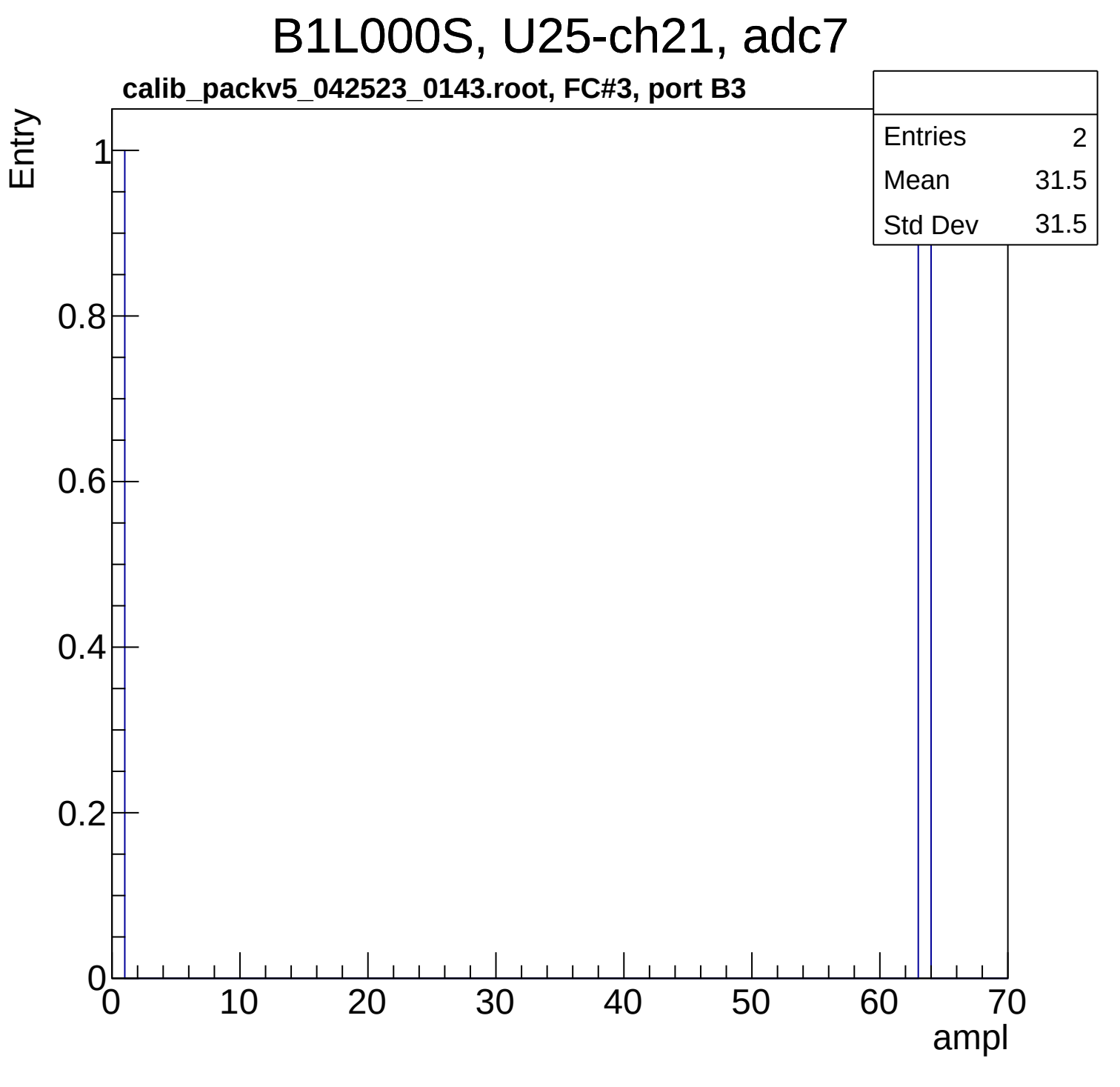

B1L000S, U25-ch21, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 61.75
Std Dev 0.8292
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L000S, U25-ch21, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 31.5
Std Dev 31.5
Entry
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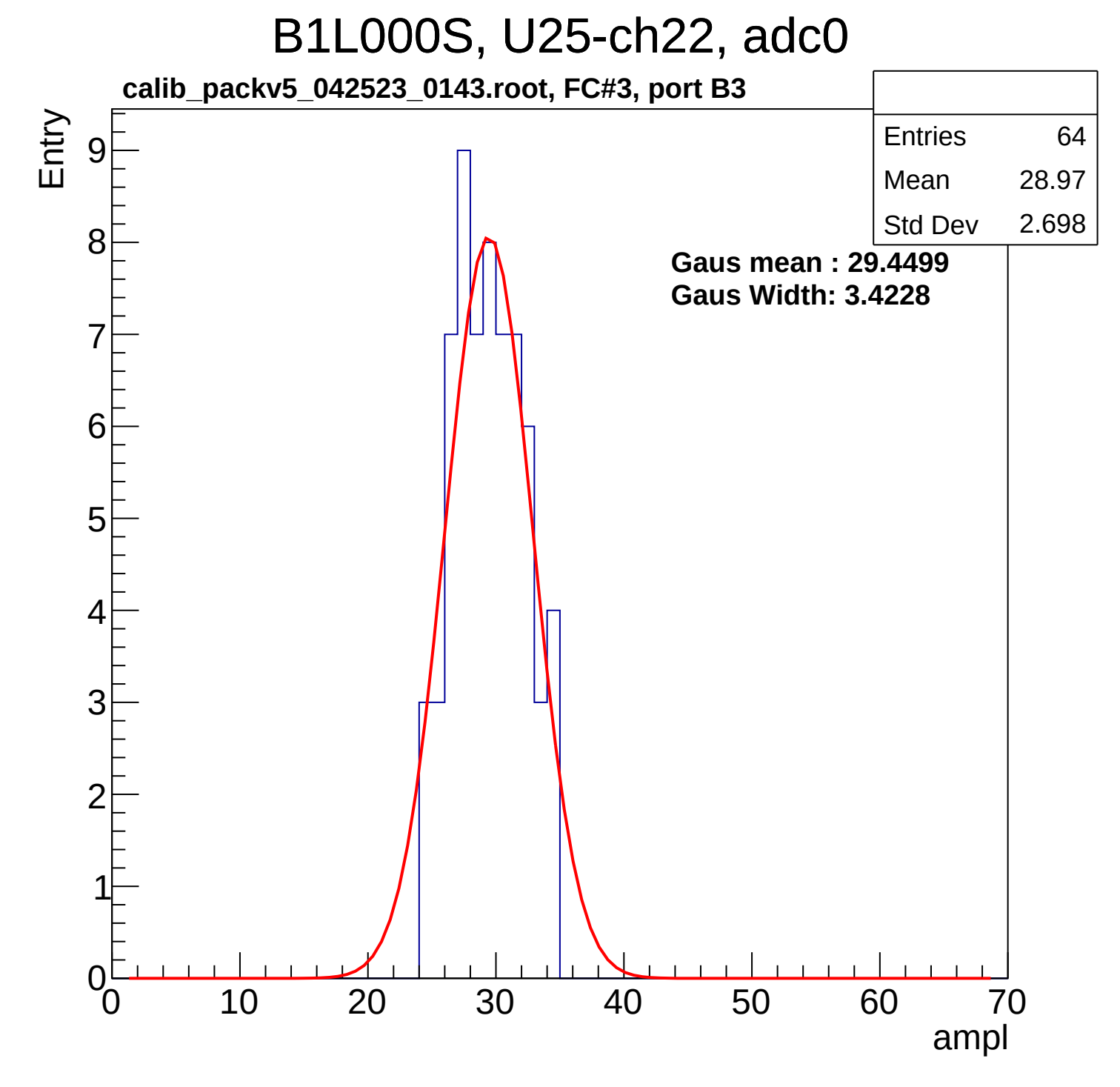
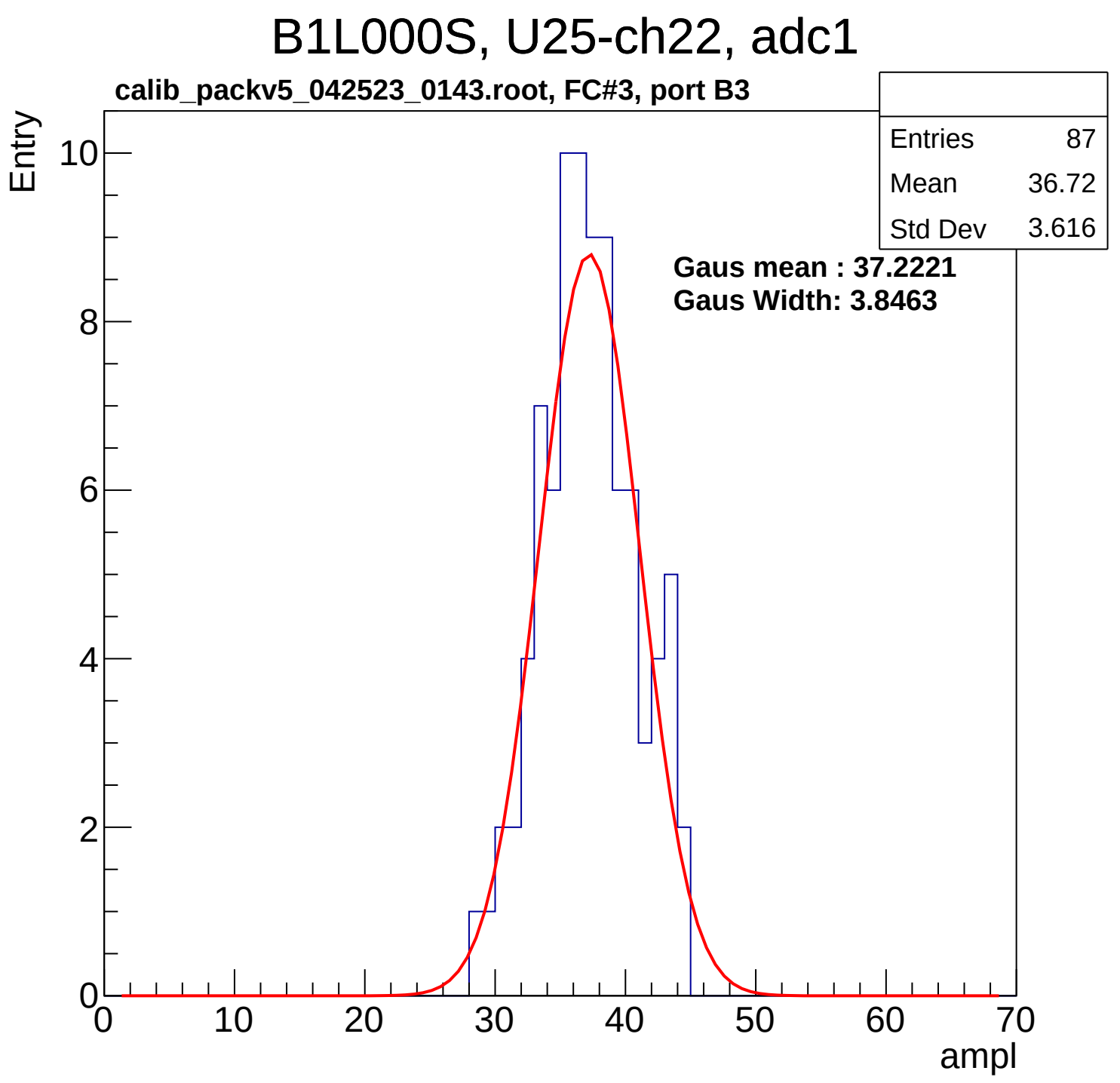
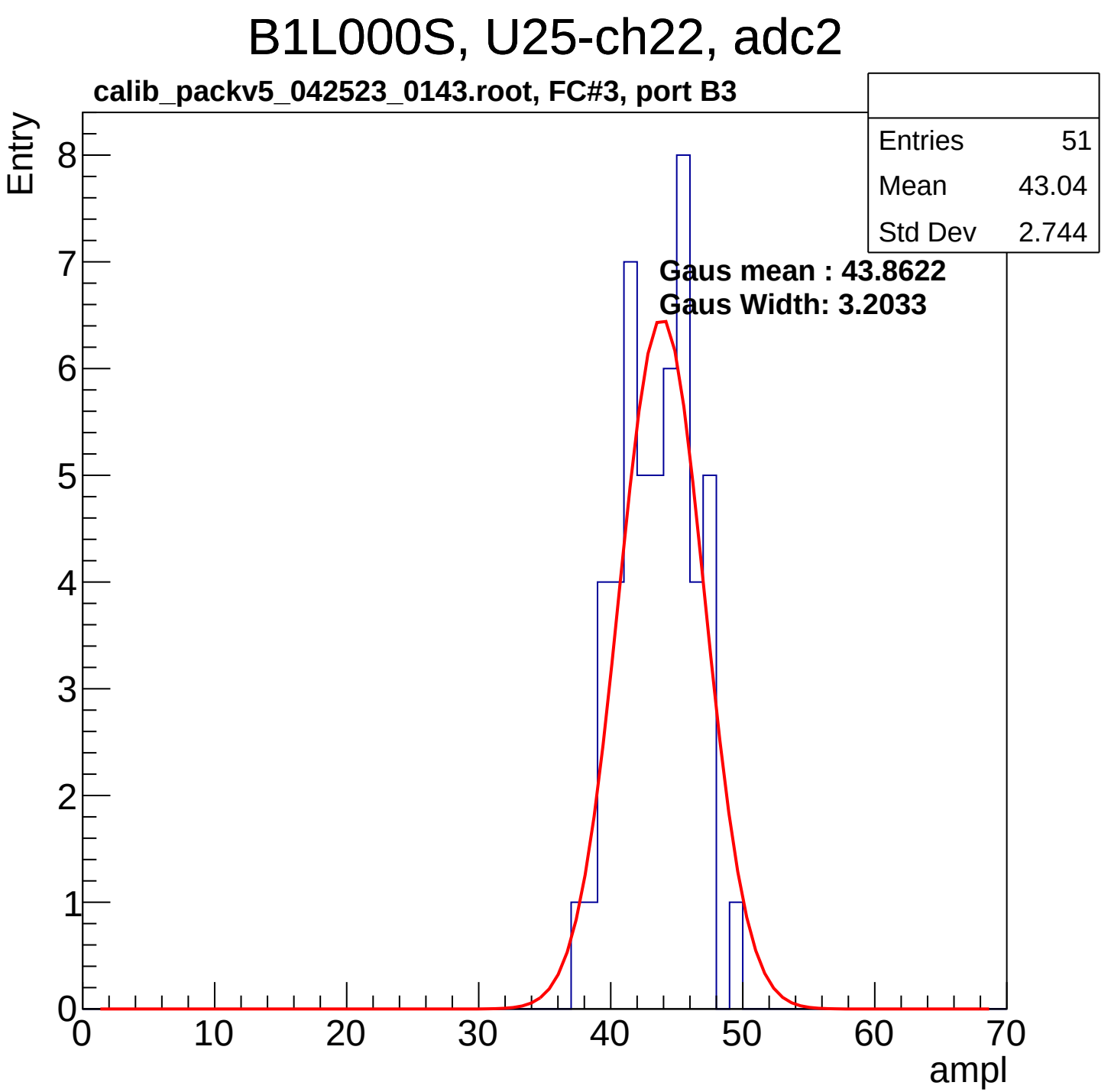
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch22, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 28.97
Std Dev 2.698
Gaus mean : 29.4499
Gaus Width: 3.4228
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch22, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 87
Mean 36.72
Std Dev 3.616
Gaus mean : 37.2221
Gaus Width: 3.8463
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch22, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 43.04
Std Dev 2.744
Gaus mean : 43.8622
Gaus Width: 3.2033
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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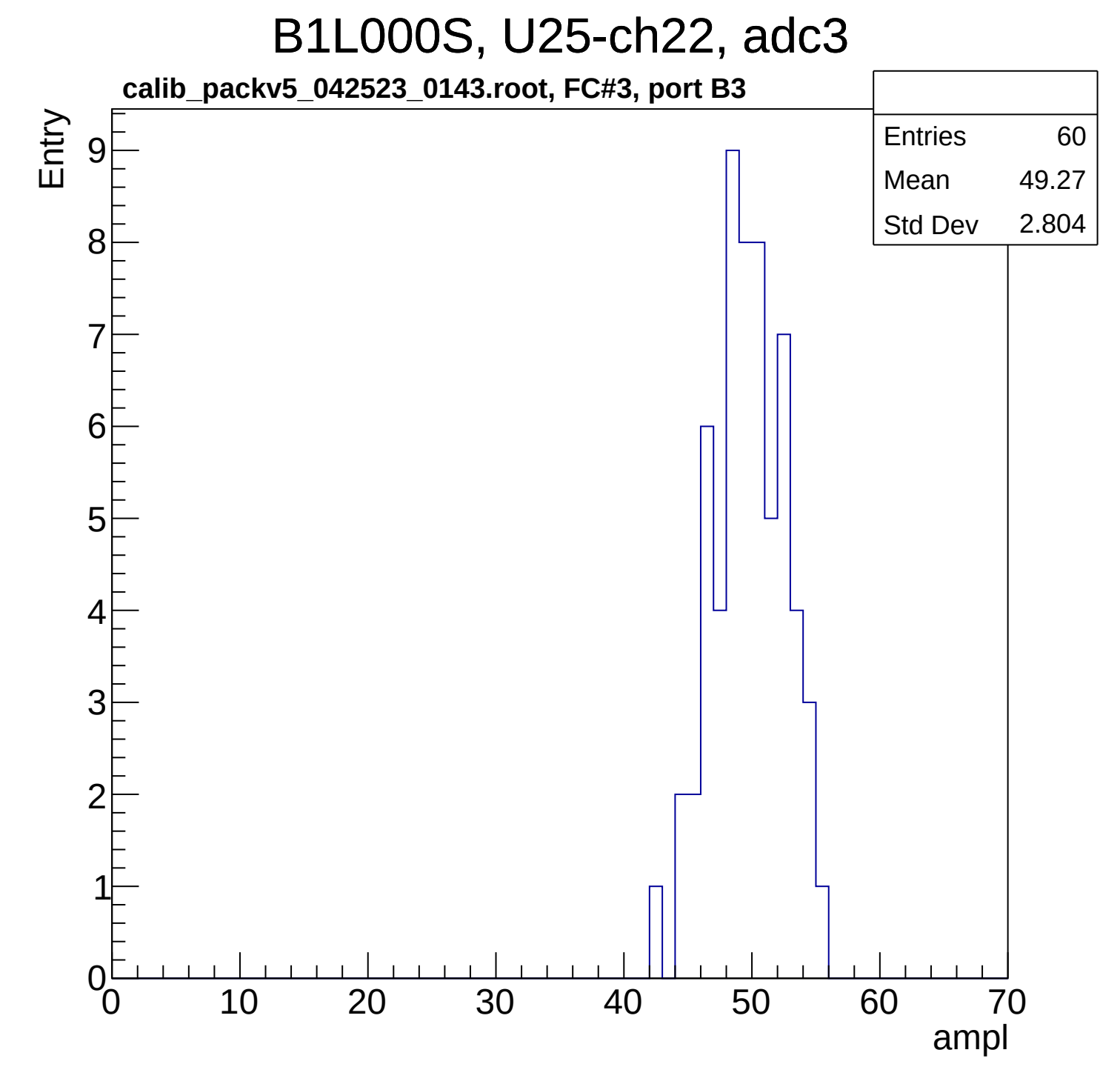
B1L000S, U25-ch22, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 49.27
Std Dev 2.804
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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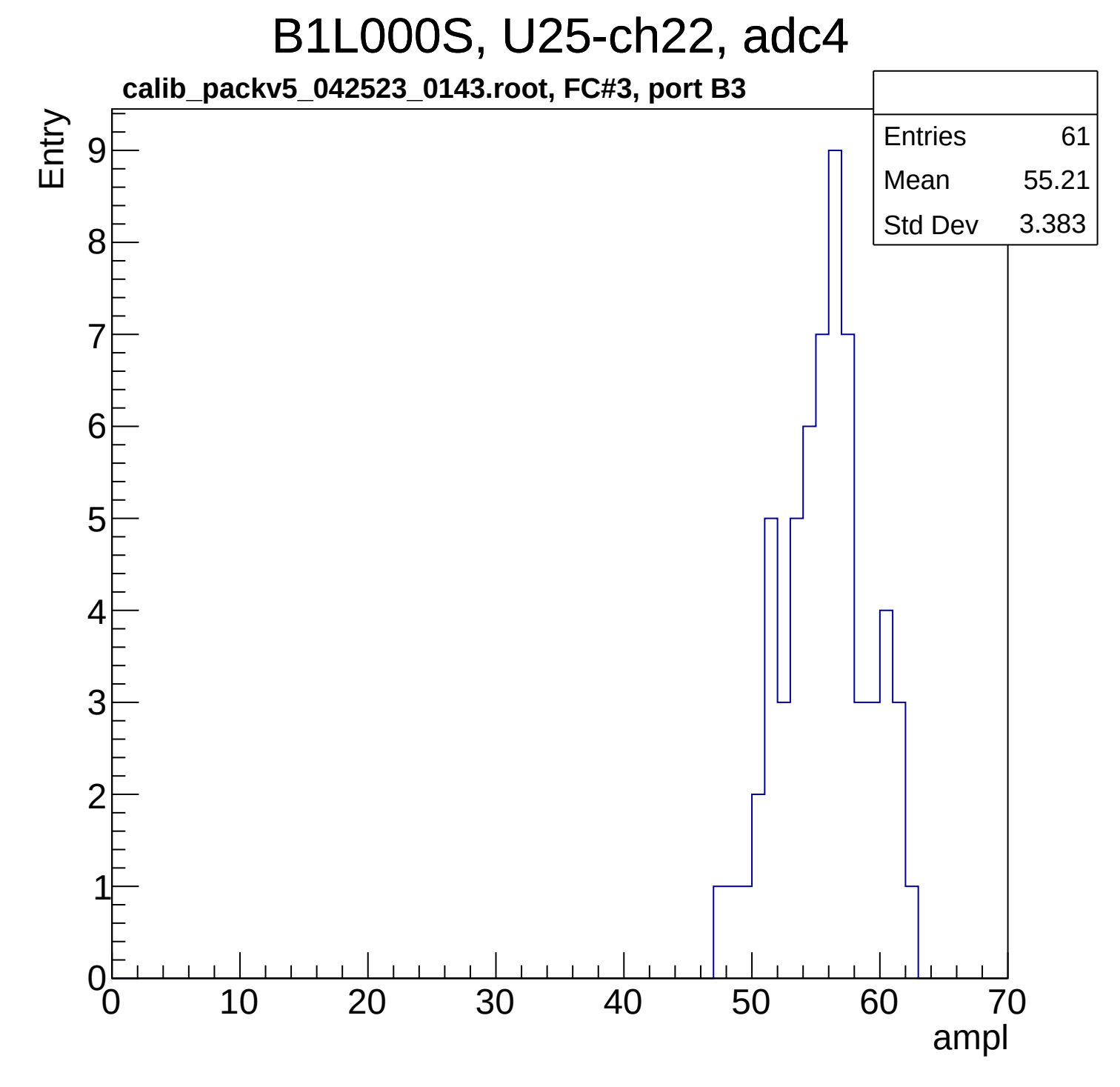
B1L000S, U25-ch22, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 55.21
Std Dev 3.383
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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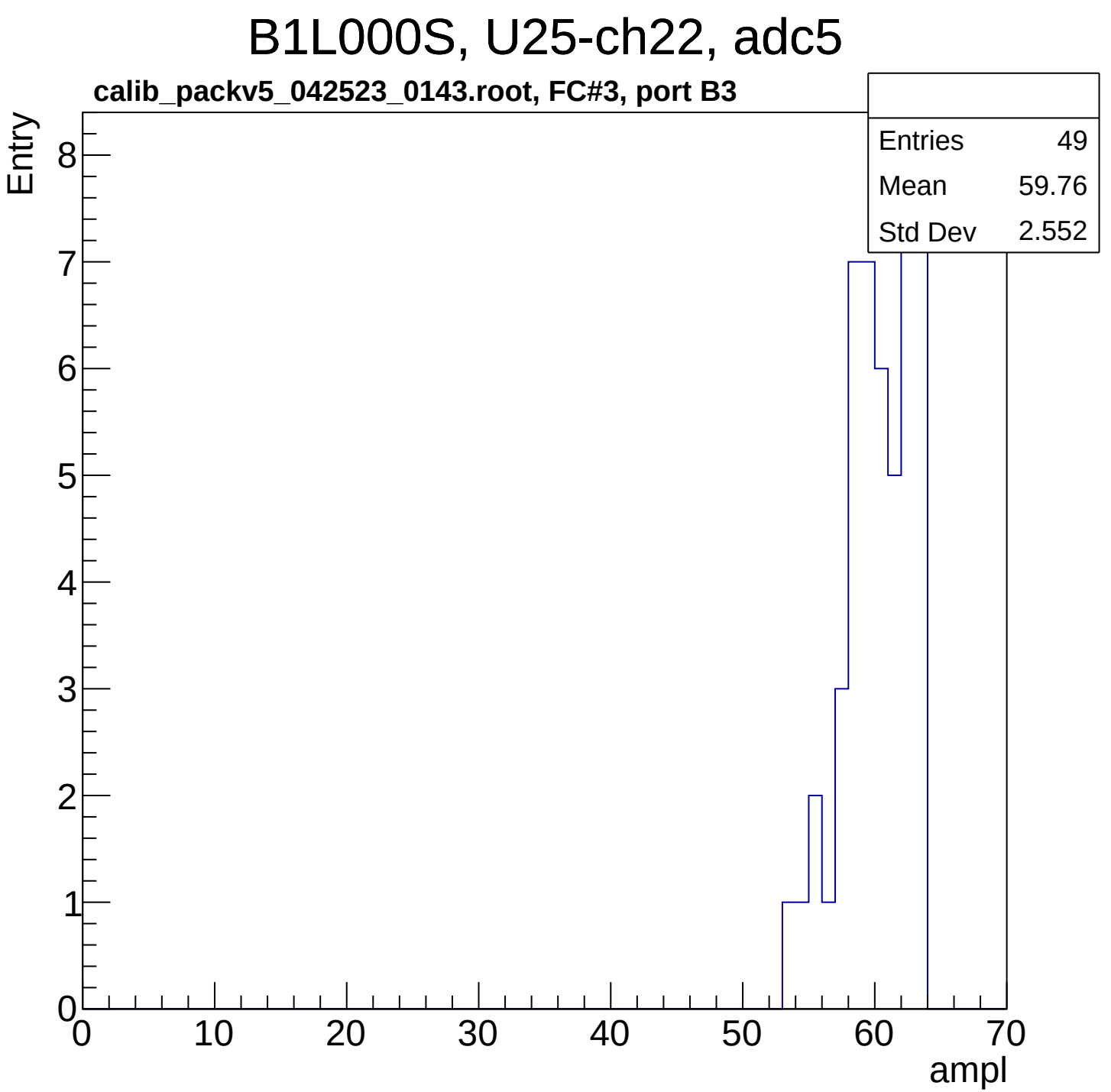
40
50
60
70


B1L000S, U25-ch22, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 59.76
Std Dev 2.552
Entry
ampl
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1
2
3
4
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6
7
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60
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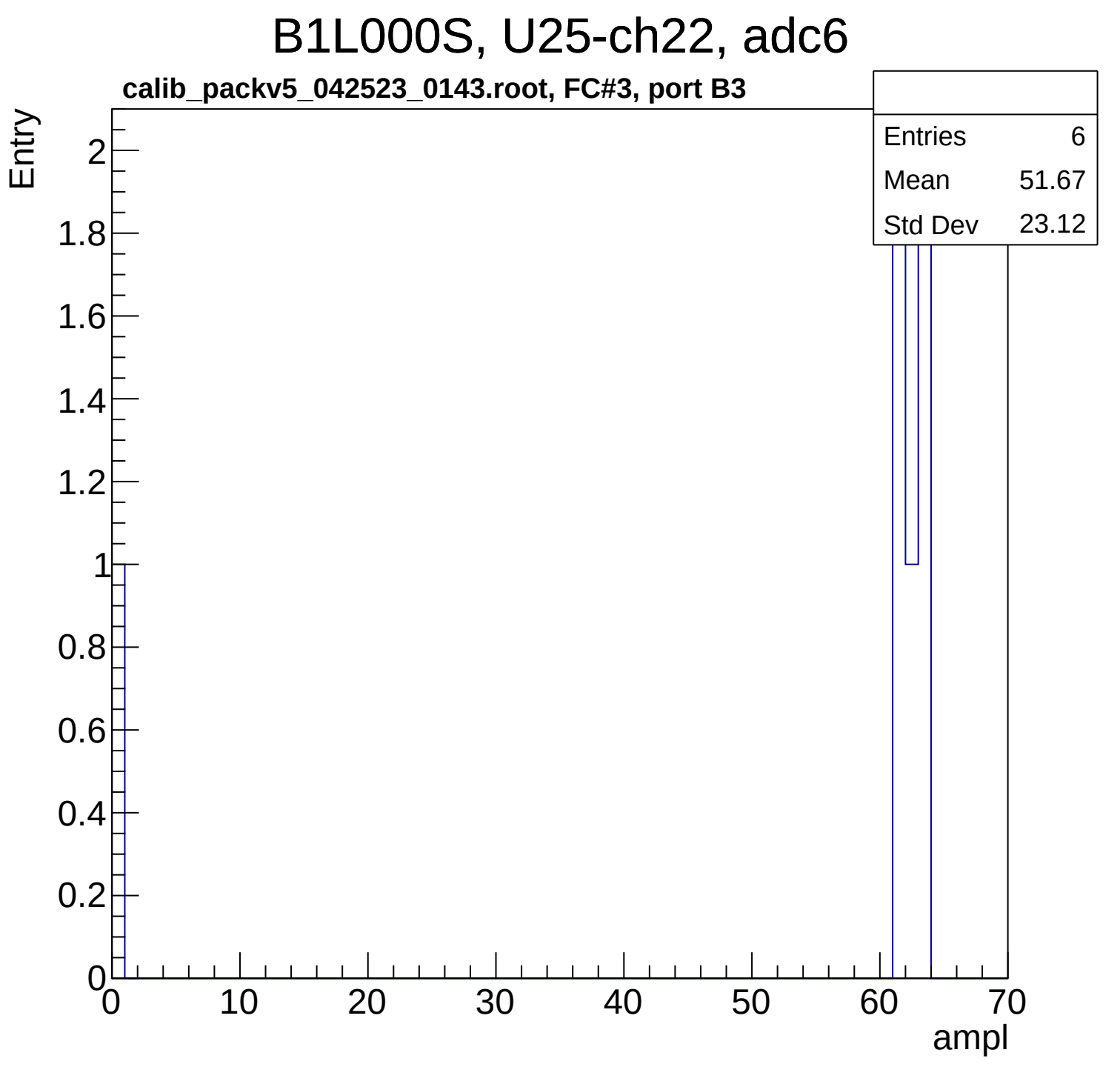
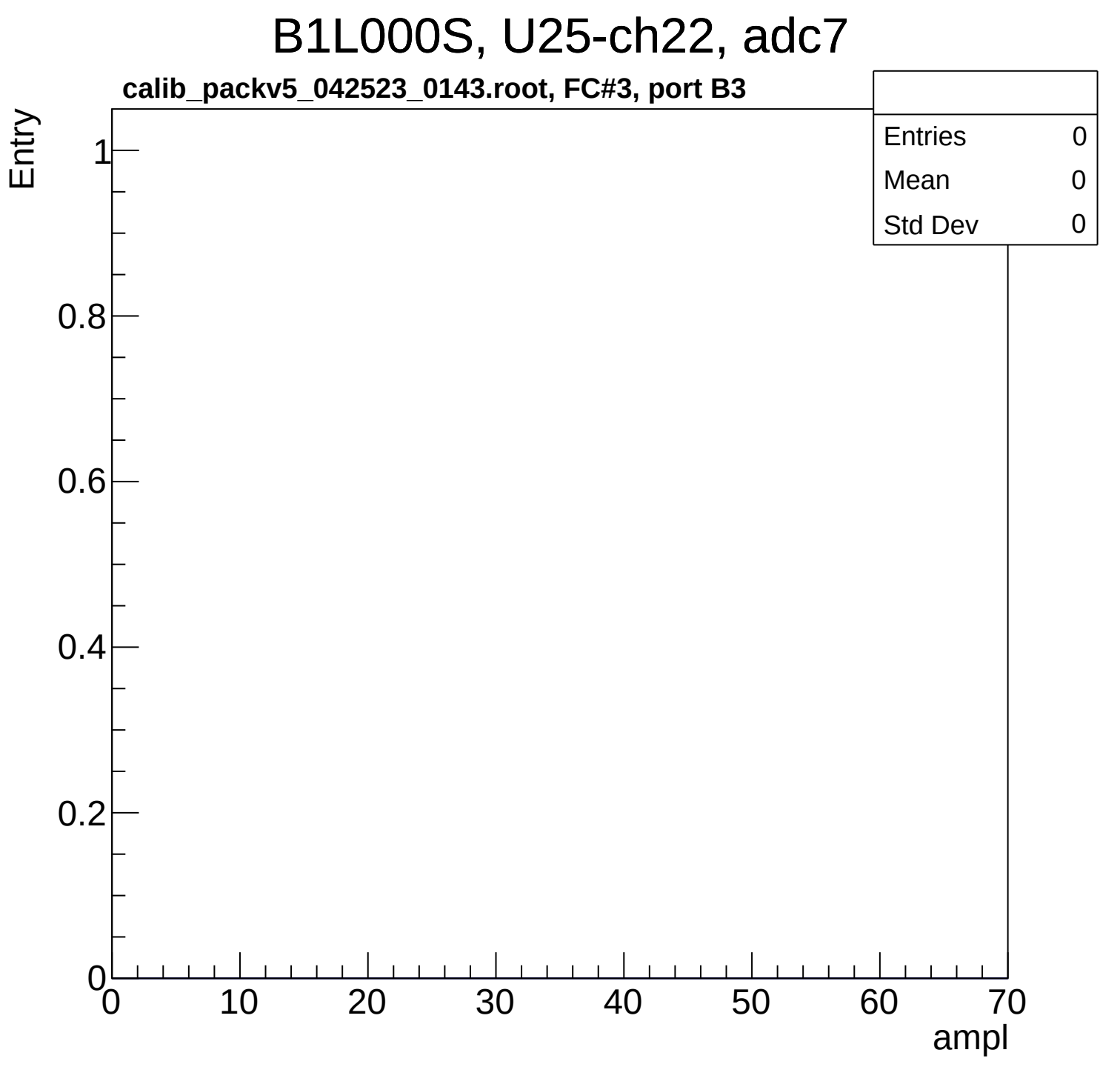

B1L000S, U25-ch22, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 51.67
Std Dev 23.12
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L000S, U25-ch22, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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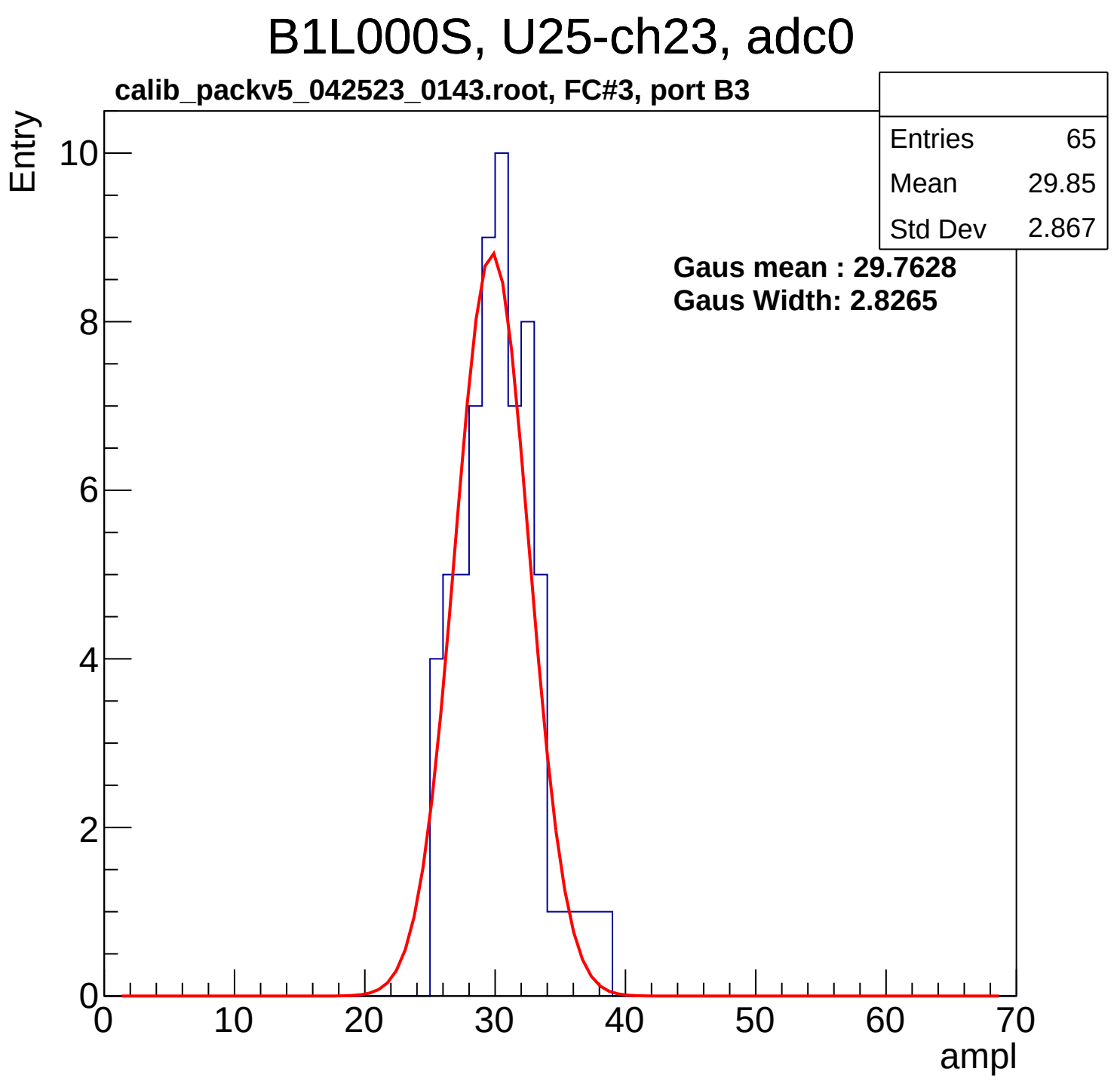
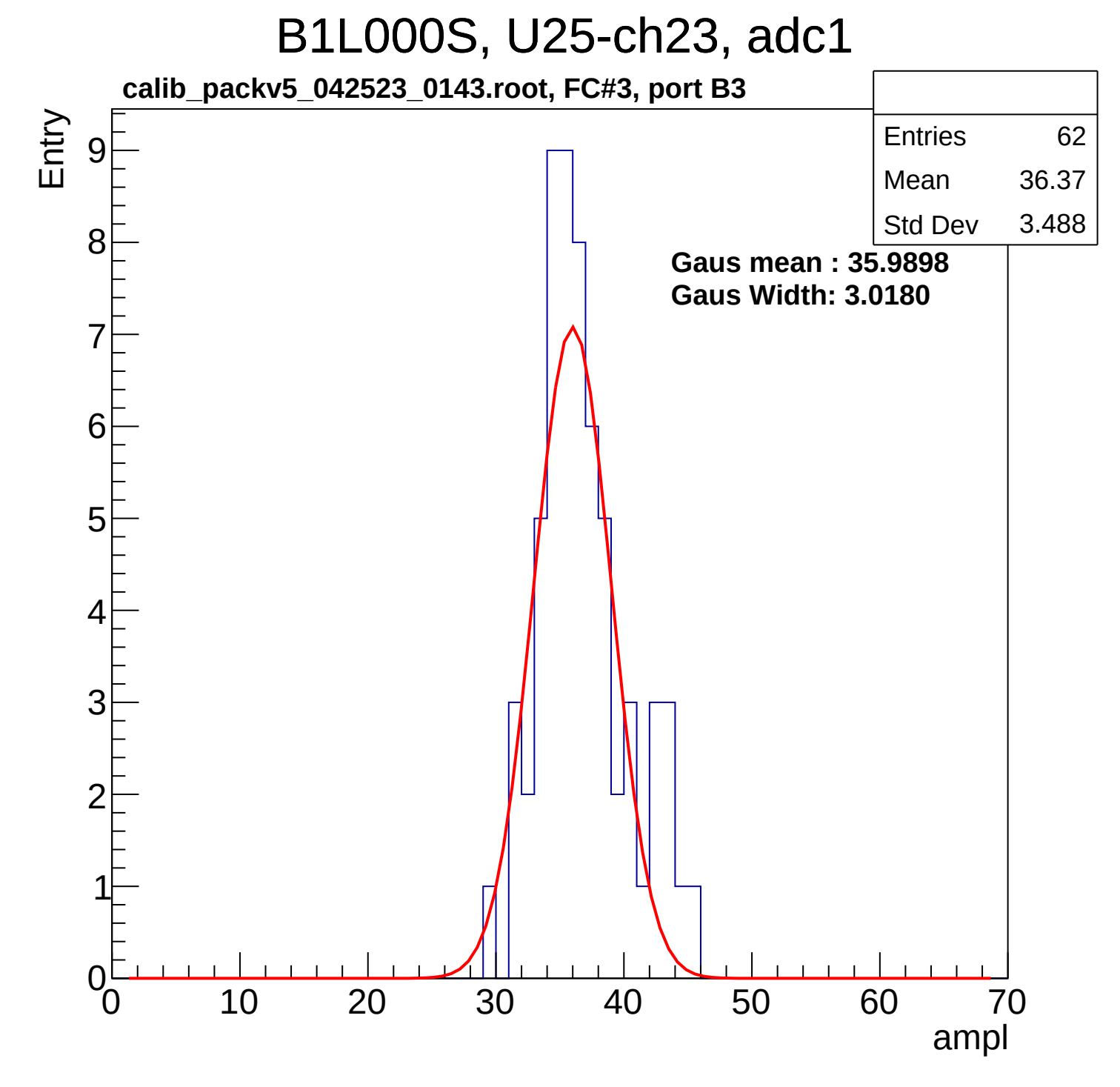
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch23, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 29.85
Std Dev 2.867
Gaus mean : 29.7628
Gaus Width: 2.8265
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch23, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 36.37
Std Dev 3.488
Gaus mean : 35.9898
Gaus Width: 3.0180
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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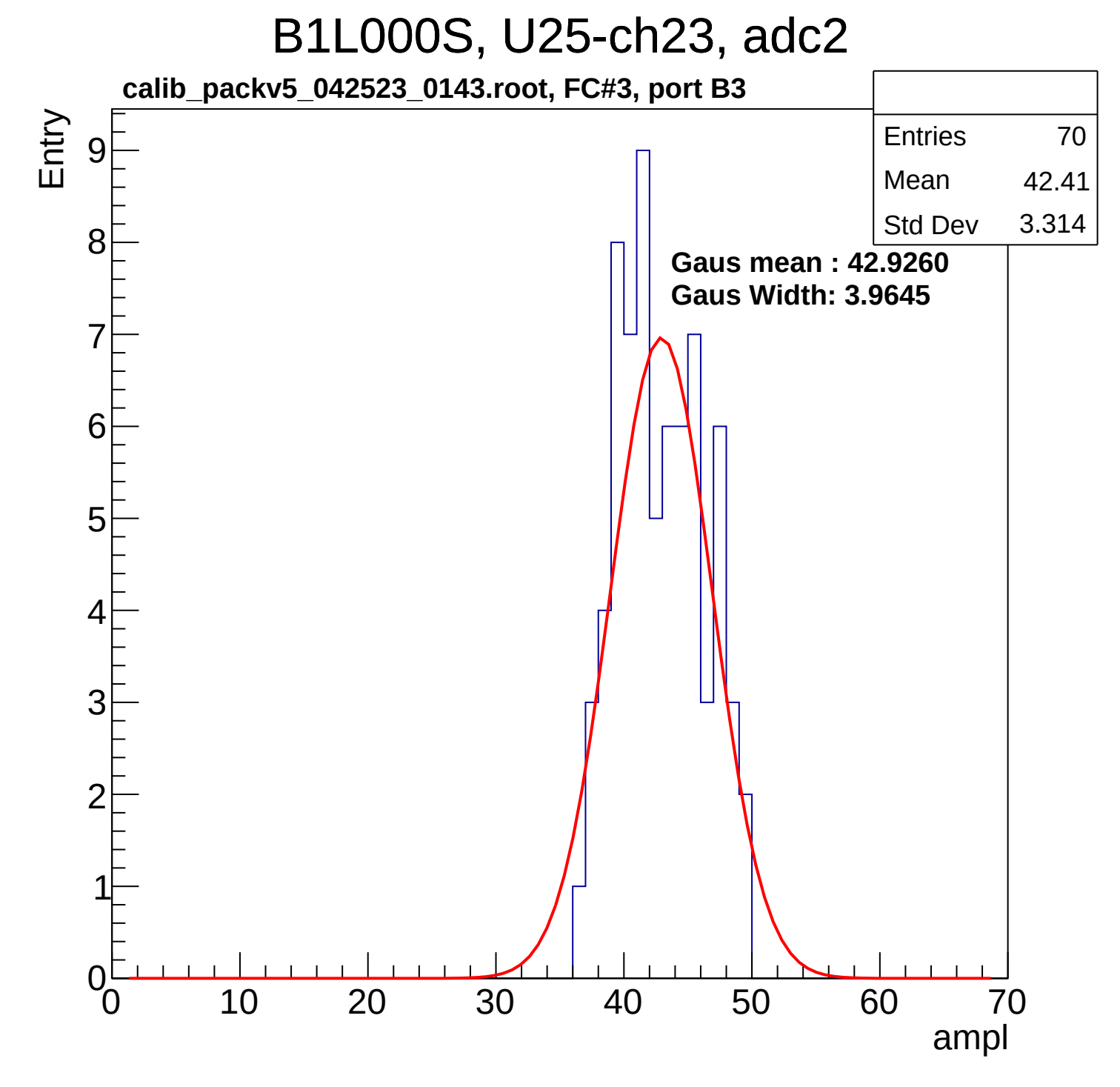
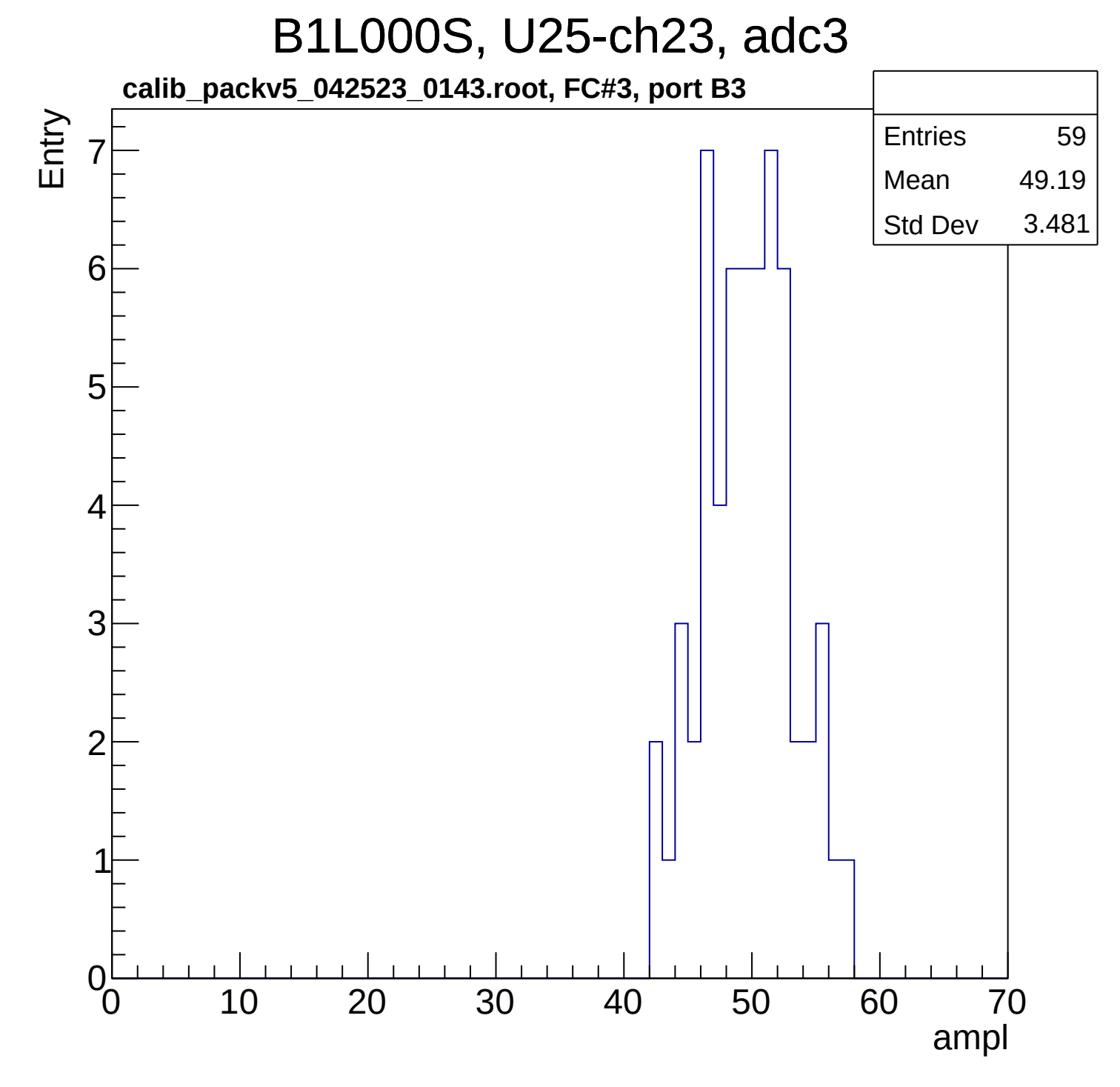
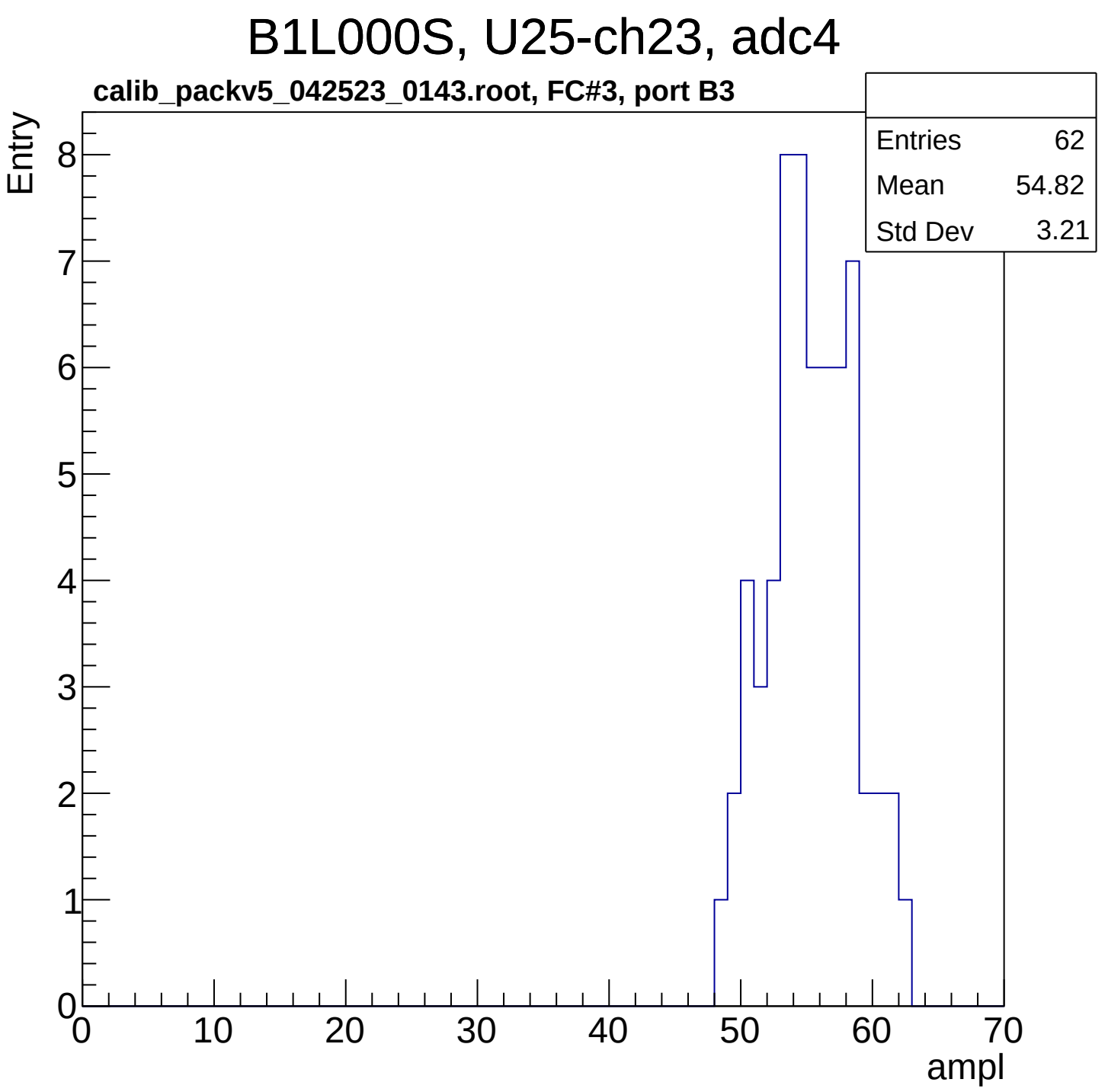

B1L000S, U25-ch23, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 42.41
Std Dev 3.314
Gaus mean : 42.9260
Gaus Width: 3.9645
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch23, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 49.19
Std Dev 3.481
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U25-ch23, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 54.82
Std Dev 3.21
Entry
ampl
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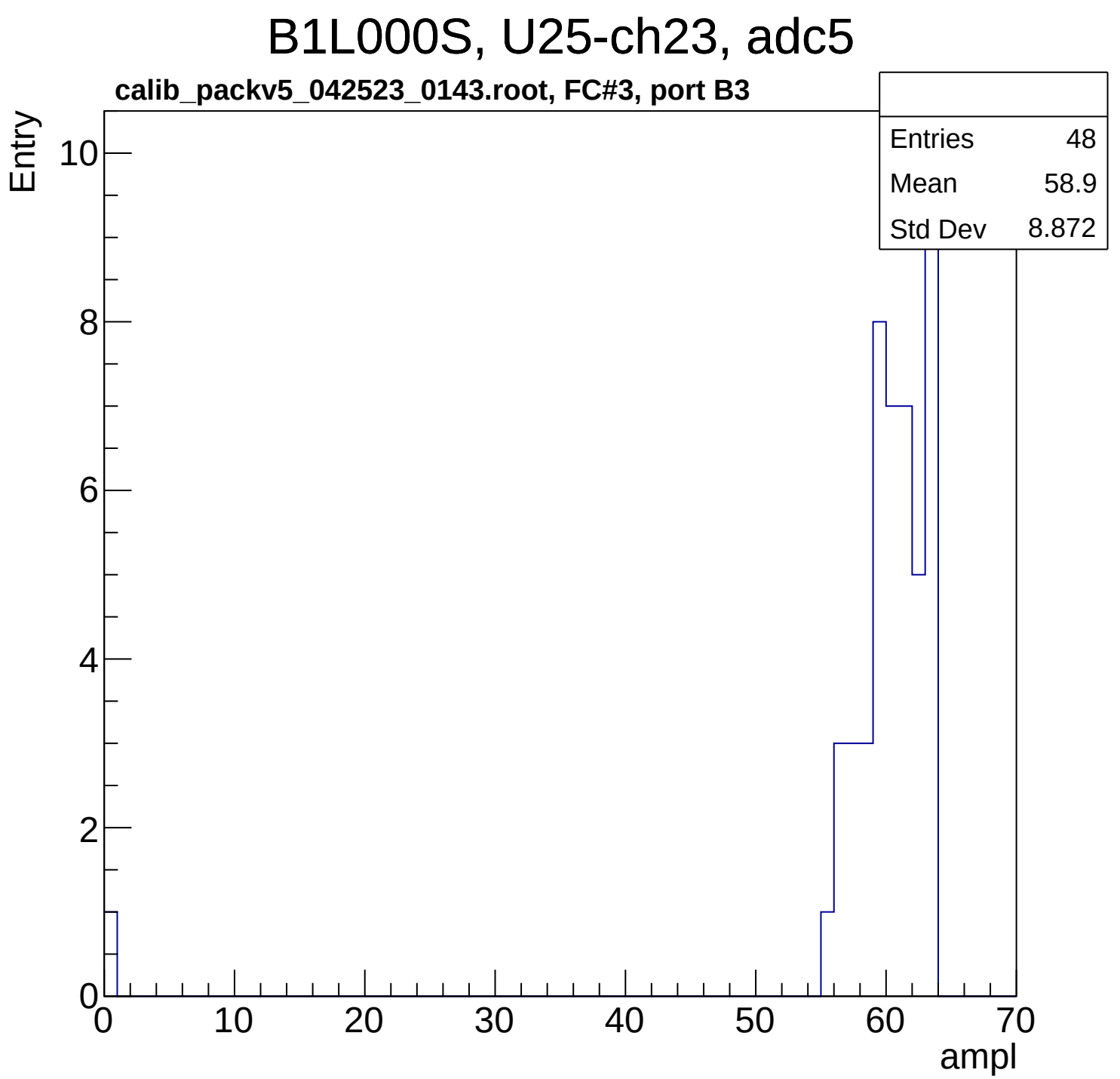
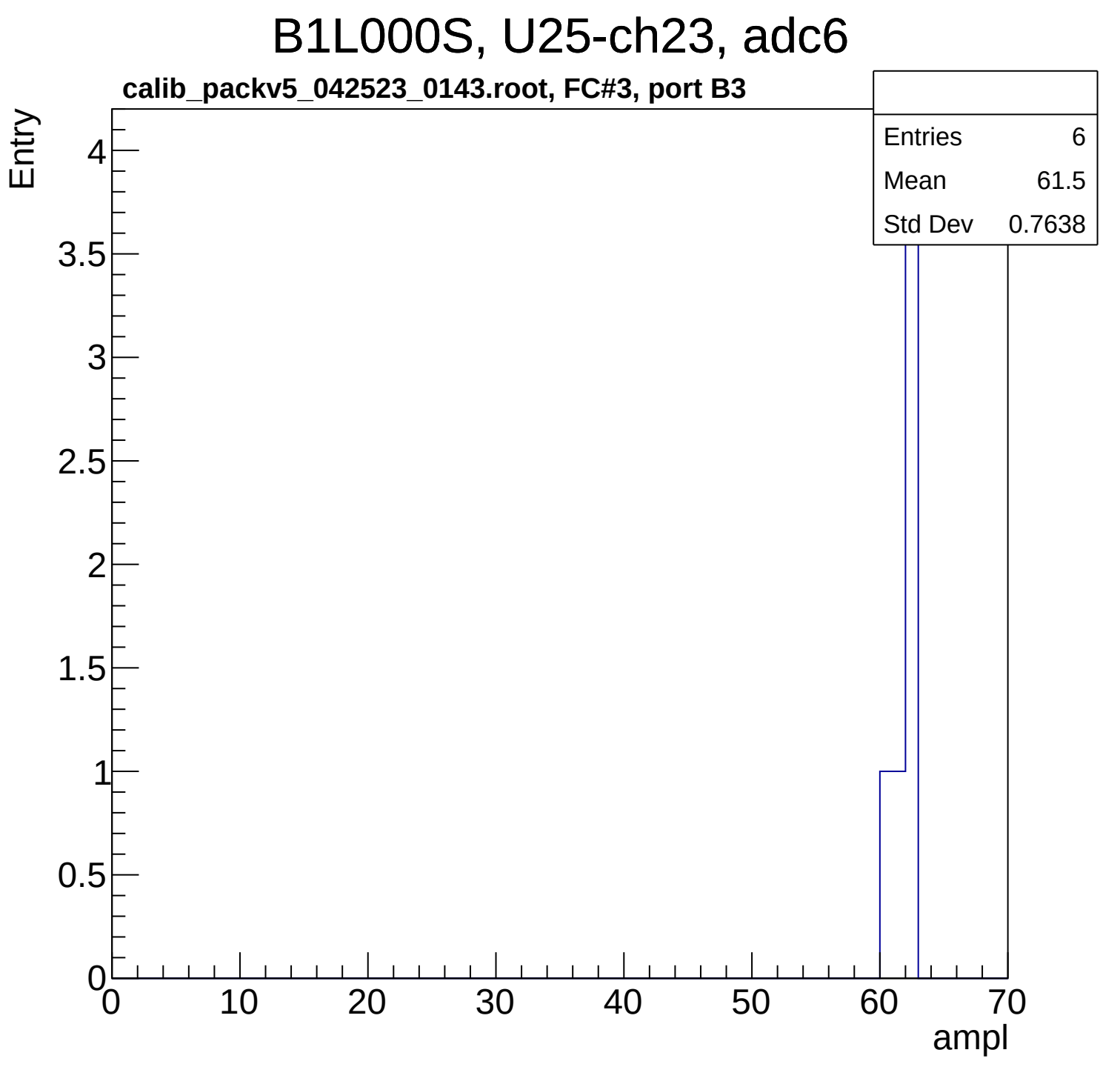
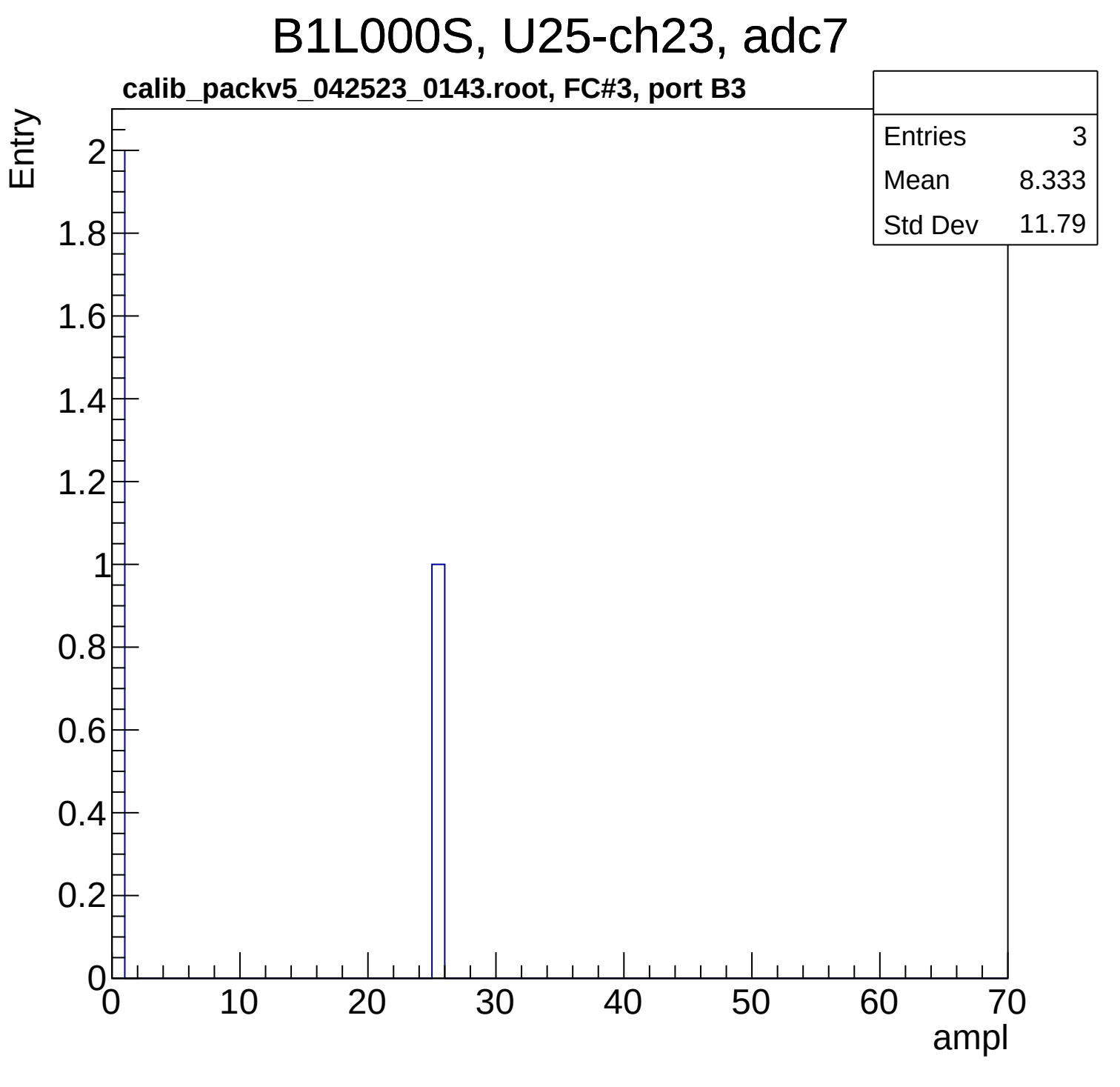
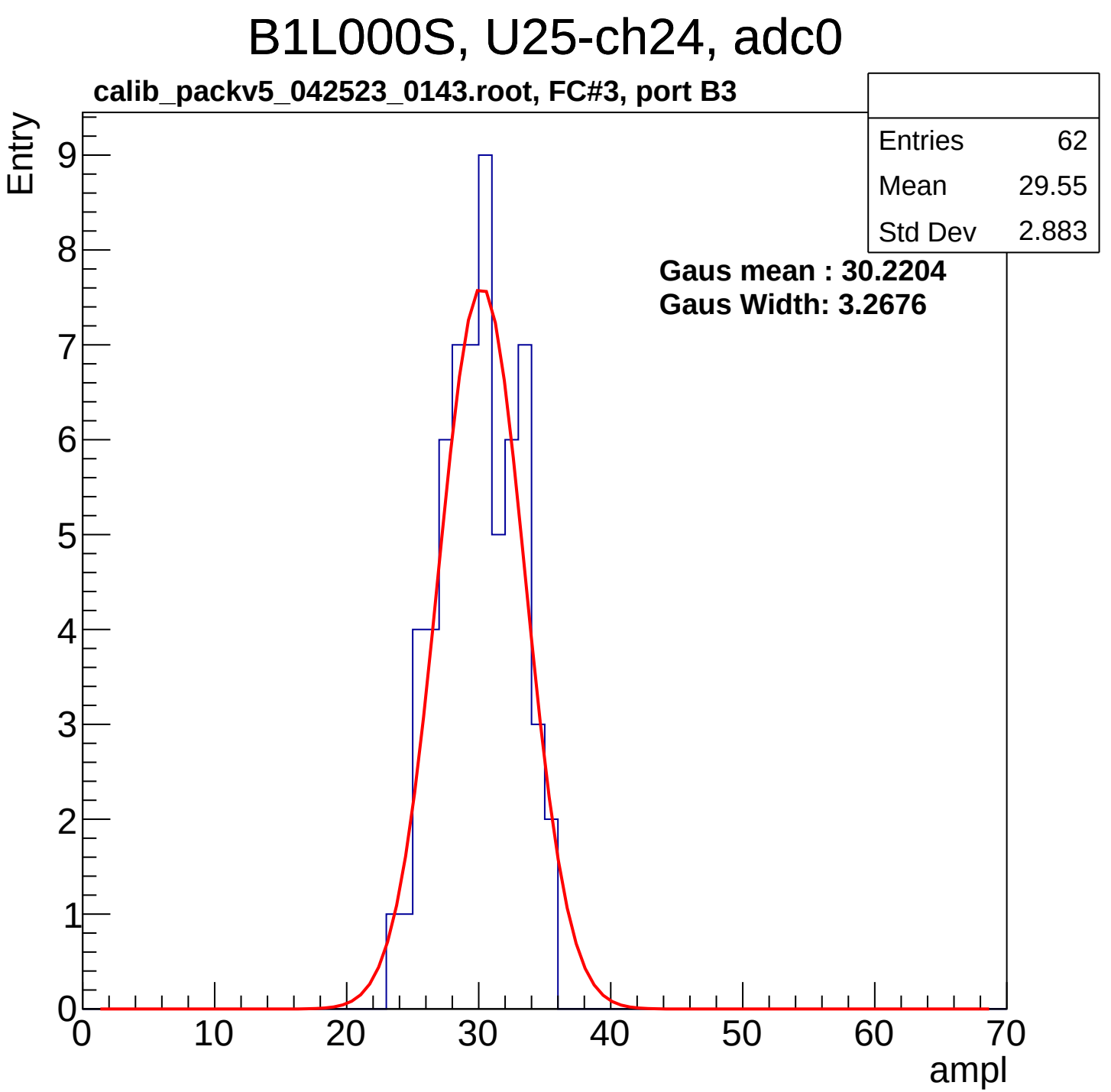
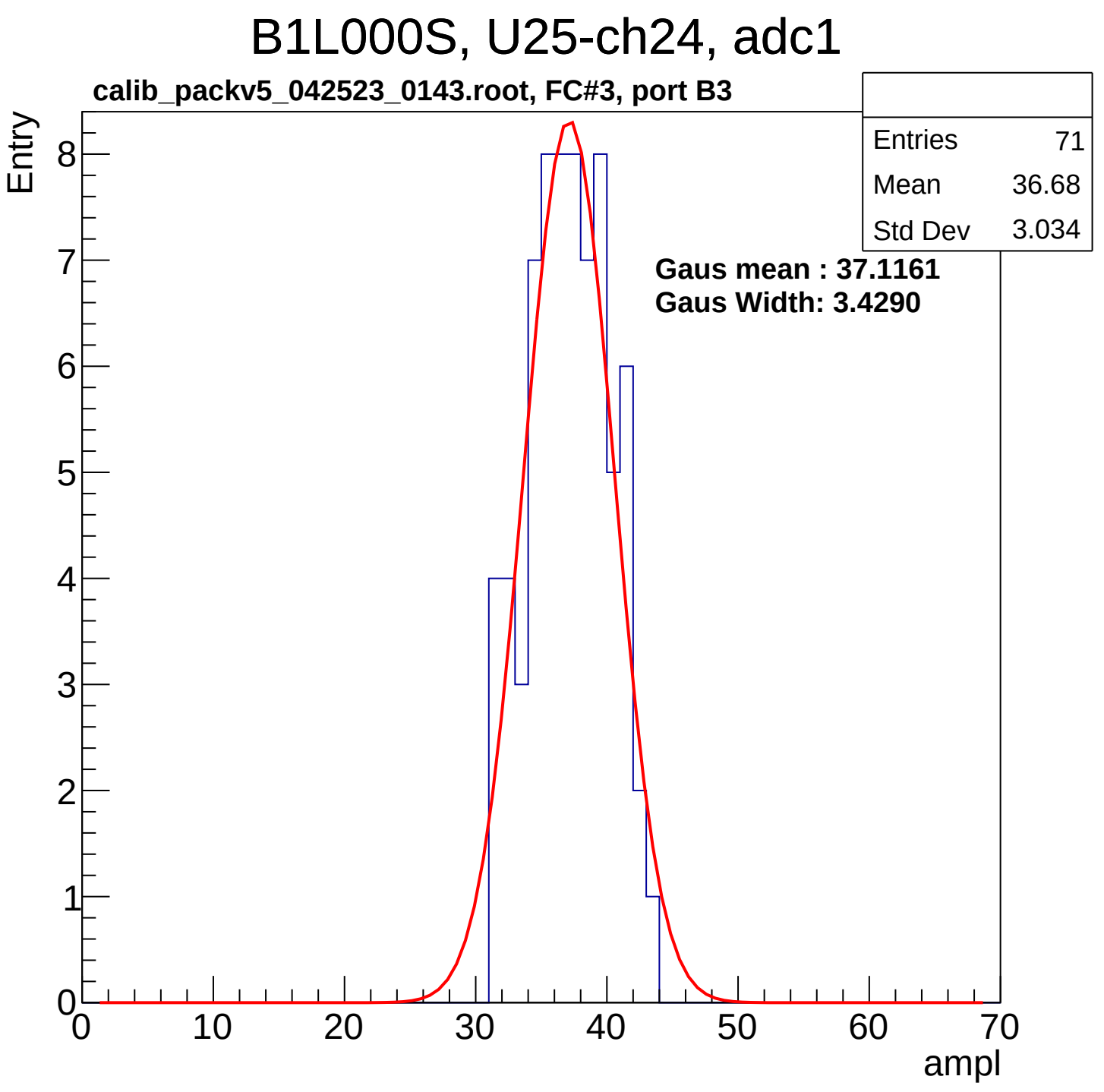
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch23, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 58.9
Std Dev 8.872
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch23, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 61.5
Std Dev 0.7638
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U25-ch23, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 8.333
Std Dev 11.79
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, U25-ch24, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 29.55
Std Dev 2.883
Gaus mean : 30.2204
Gaus Width: 3.2676
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch24, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 36.68
Std Dev 3.034
Gaus mean : 37.1161
Gaus Width: 3.4290
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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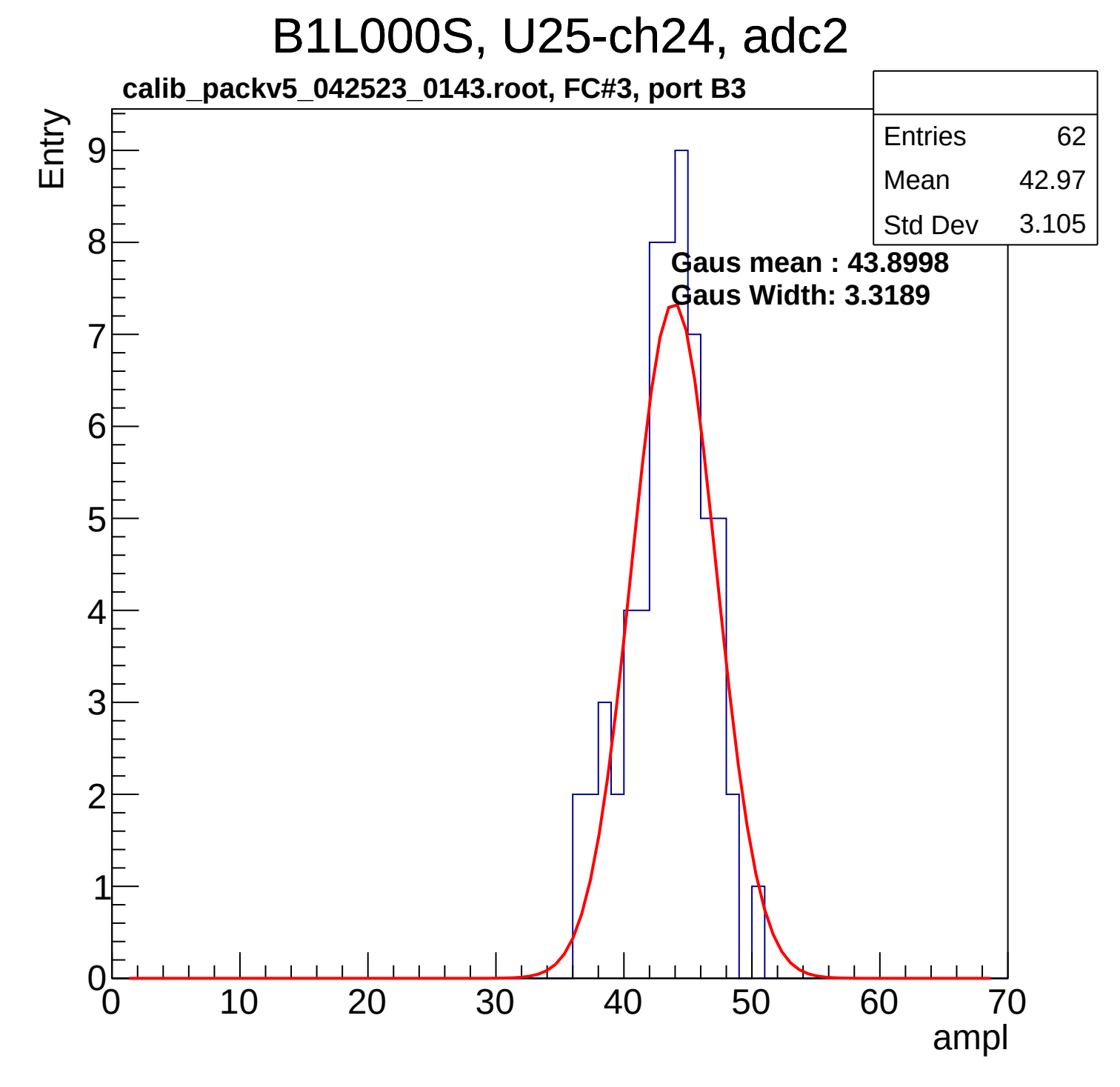
B1L000S, U25-ch24, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 42.97
Std Dev 3.105
Gaus mean : 43.8998
Gaus Width: 3.3189
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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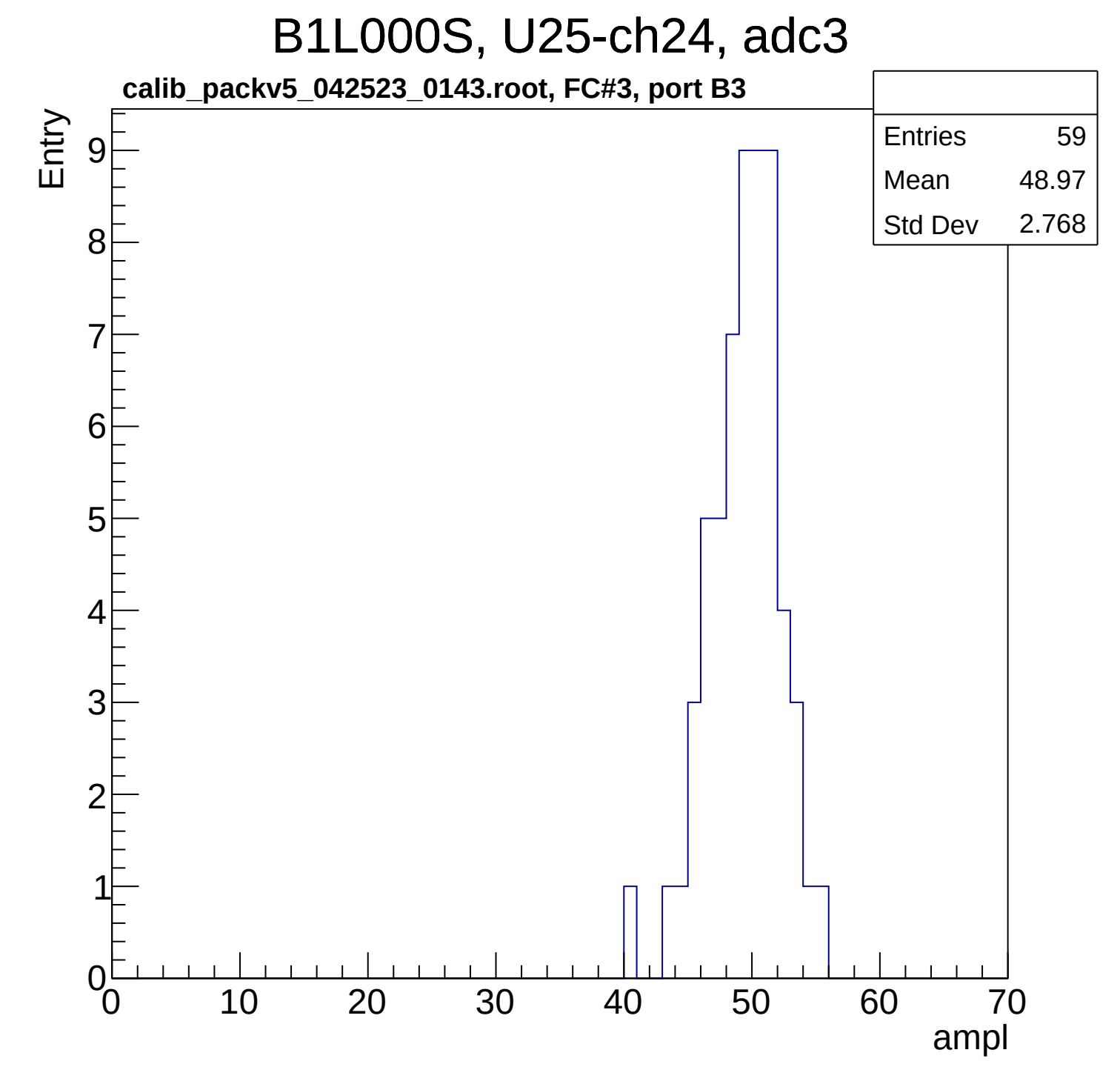
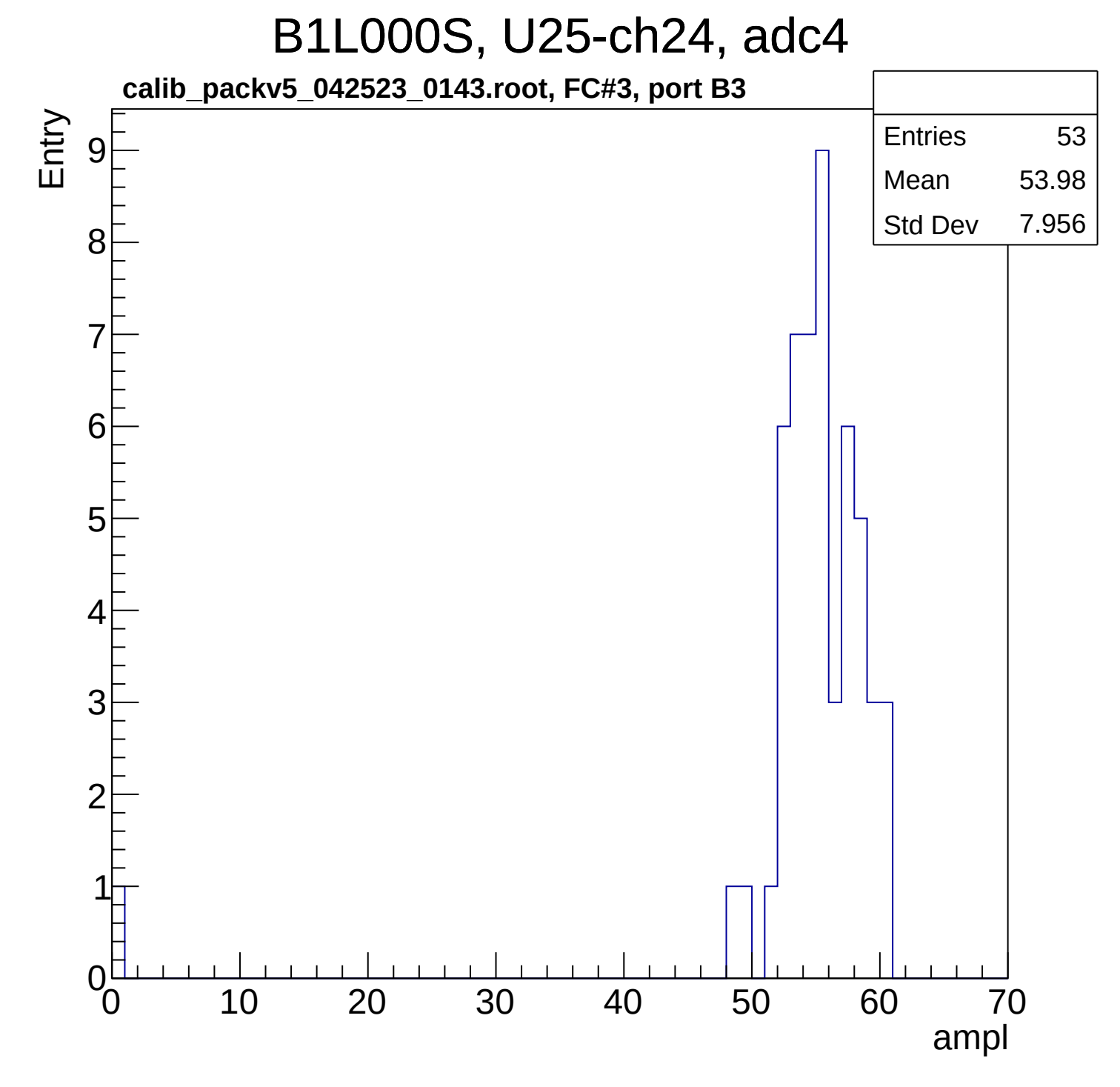
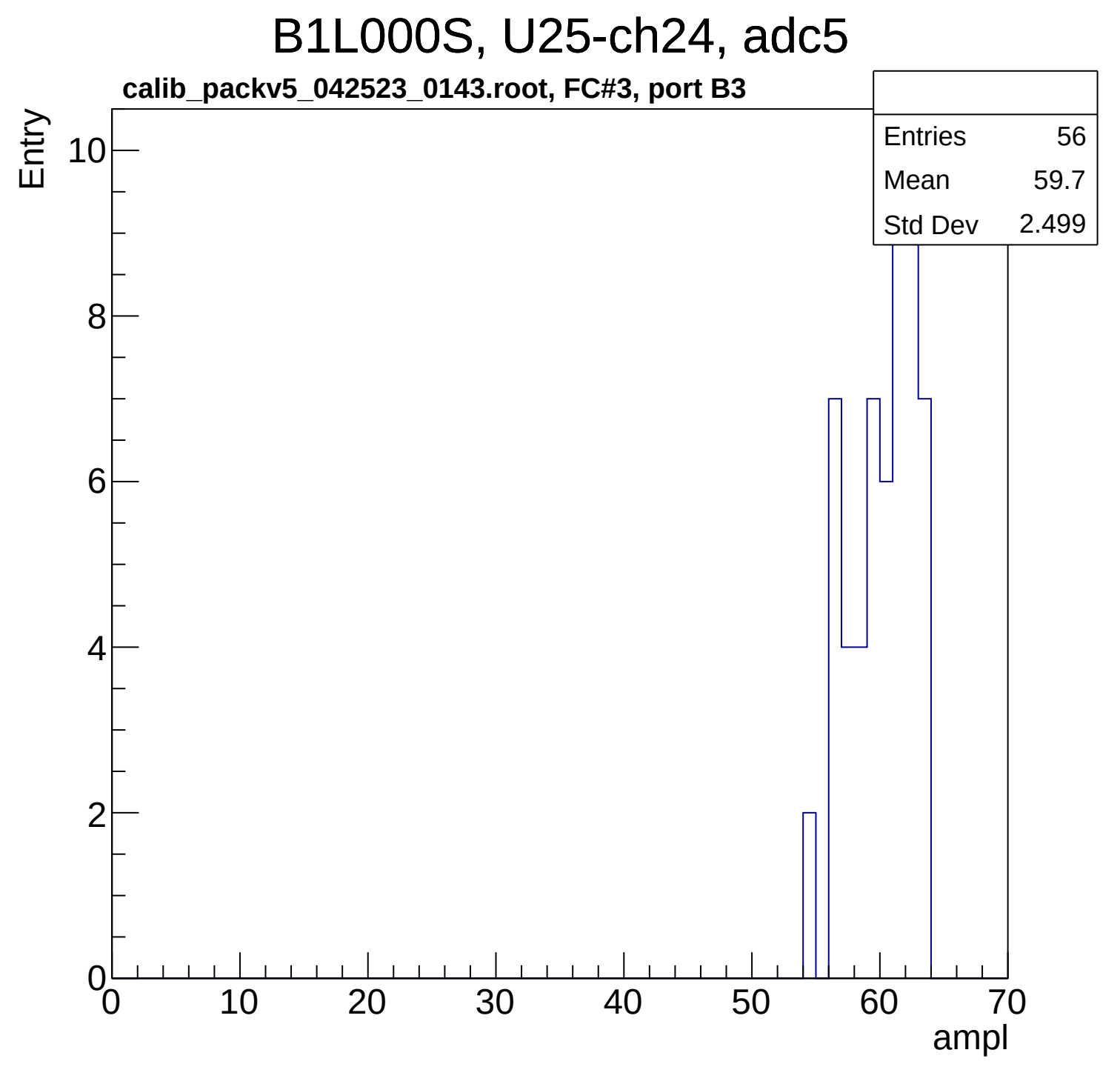
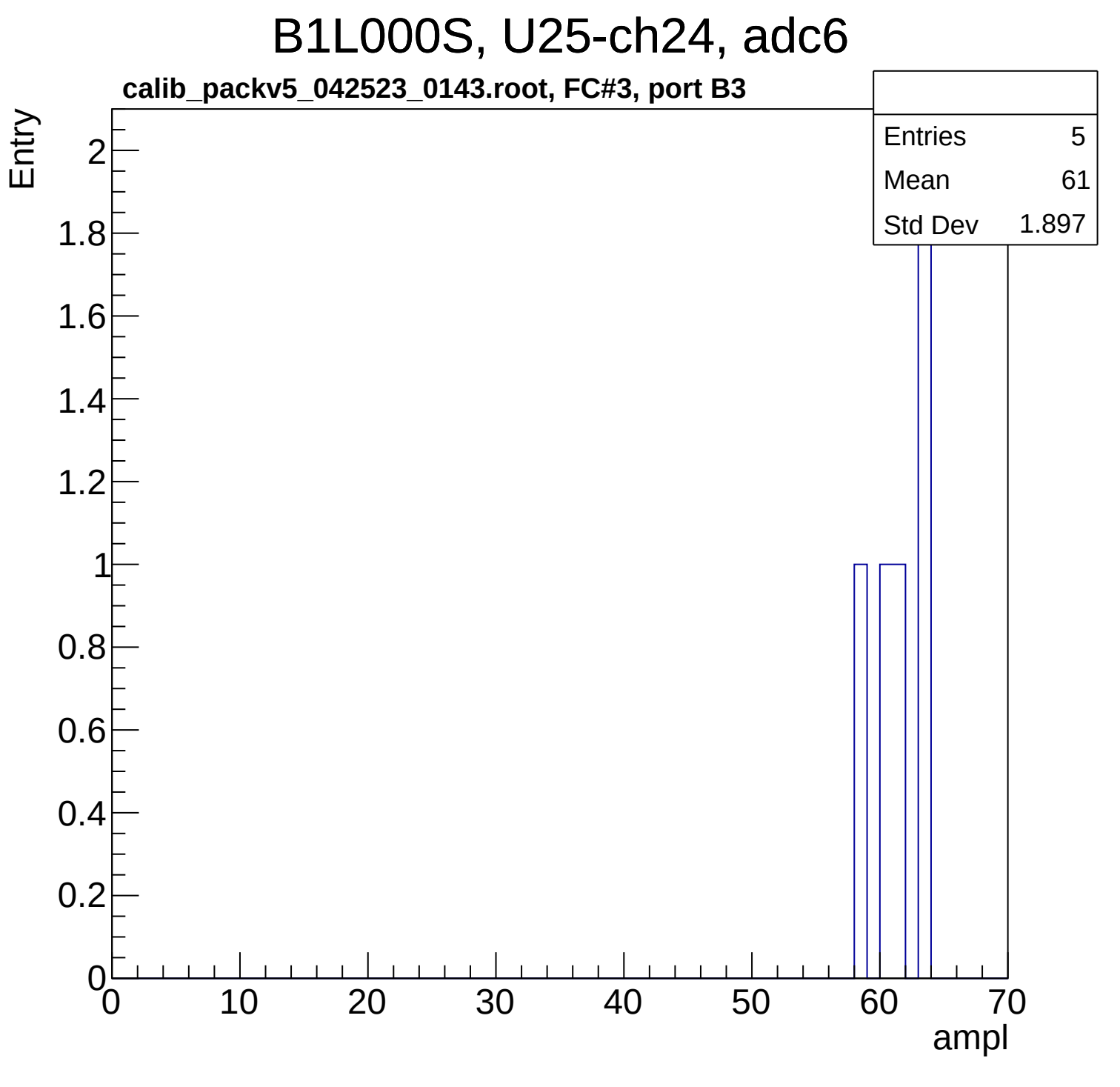

B1L000S, U25-ch24, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 48.97
Std Dev 2.768
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch24, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 53.98
Std Dev 7.956
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch24, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 59.7
Std Dev 2.499
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch24, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 61
Std Dev 1.897
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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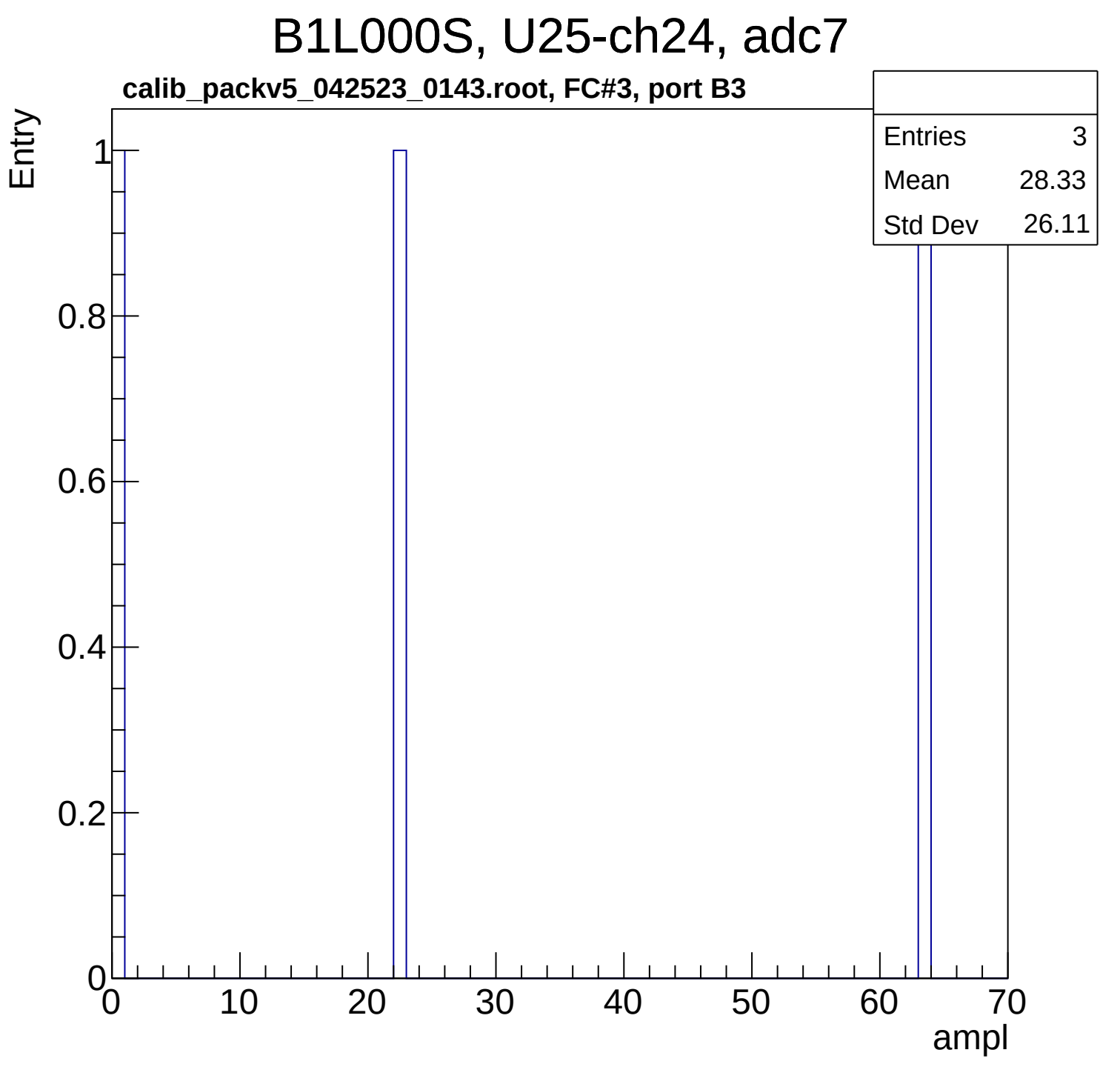
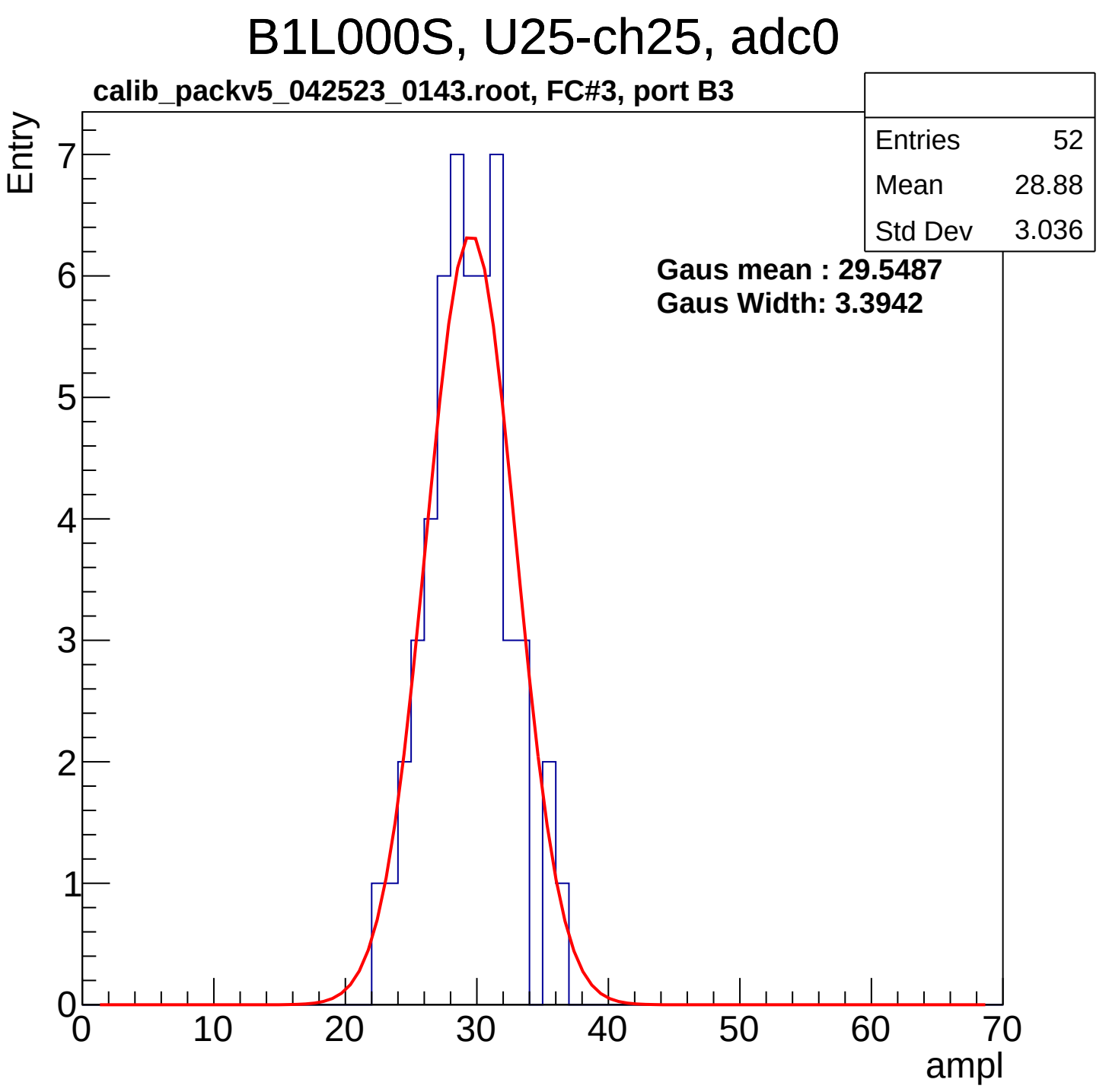
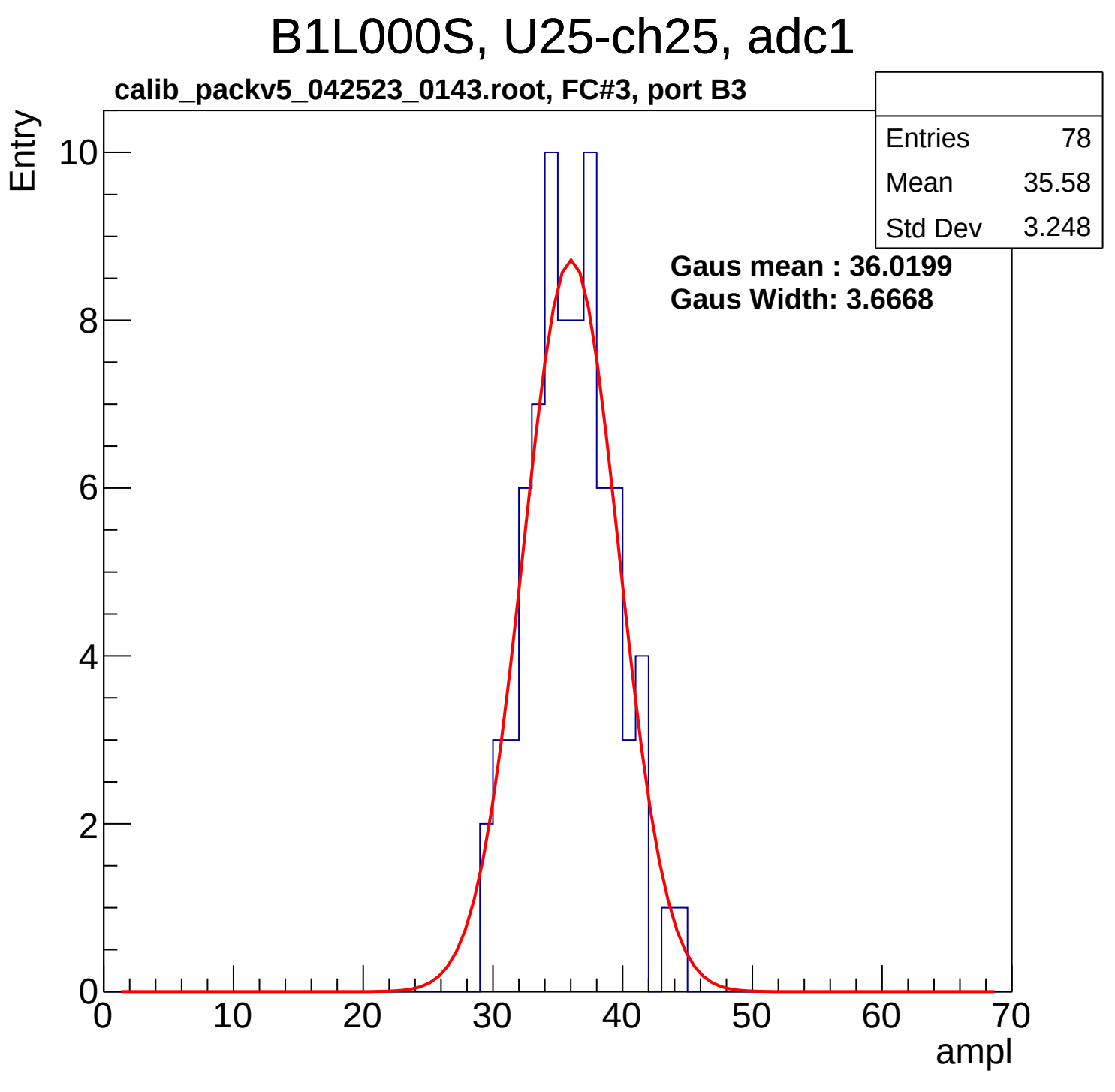
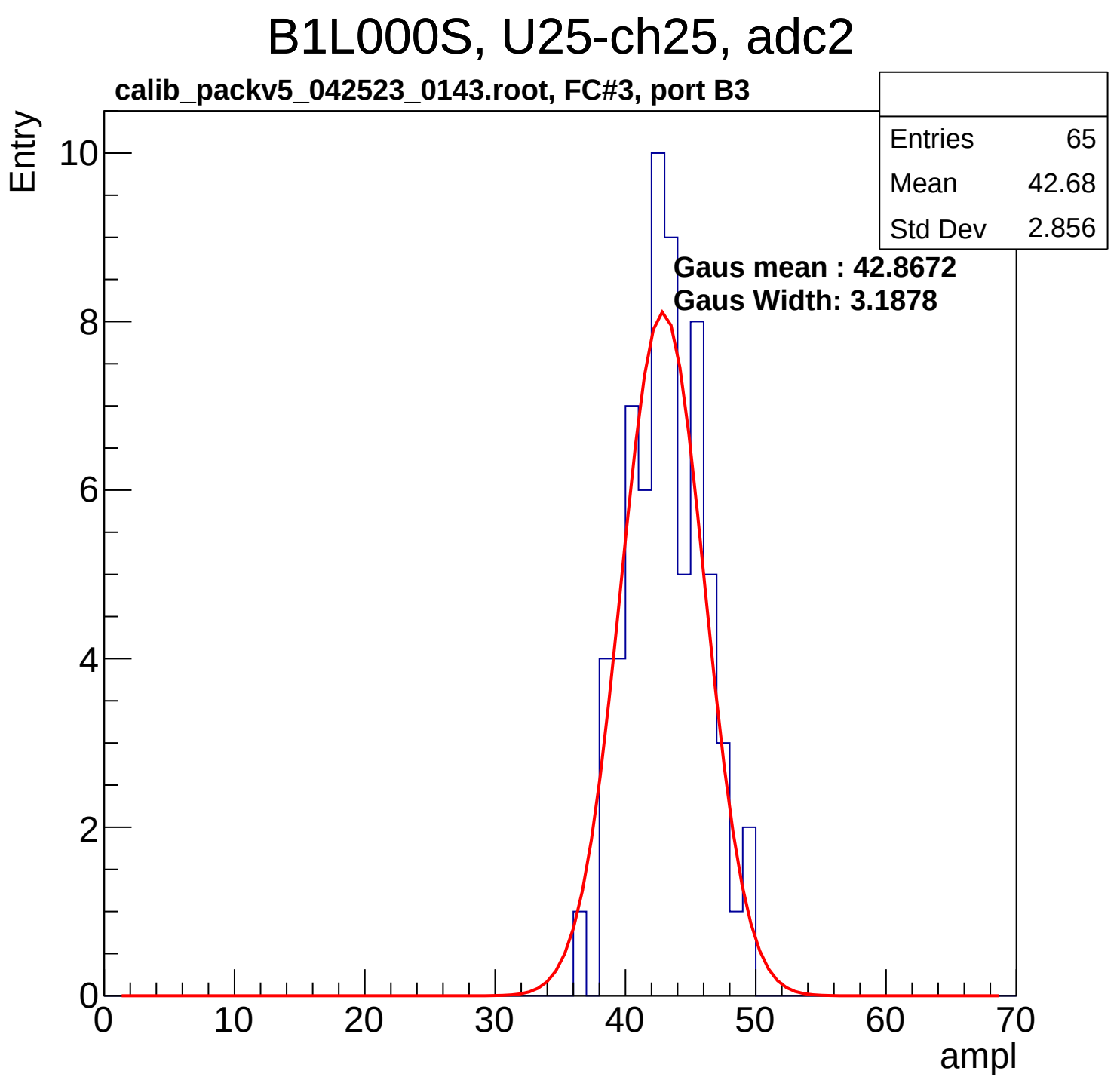
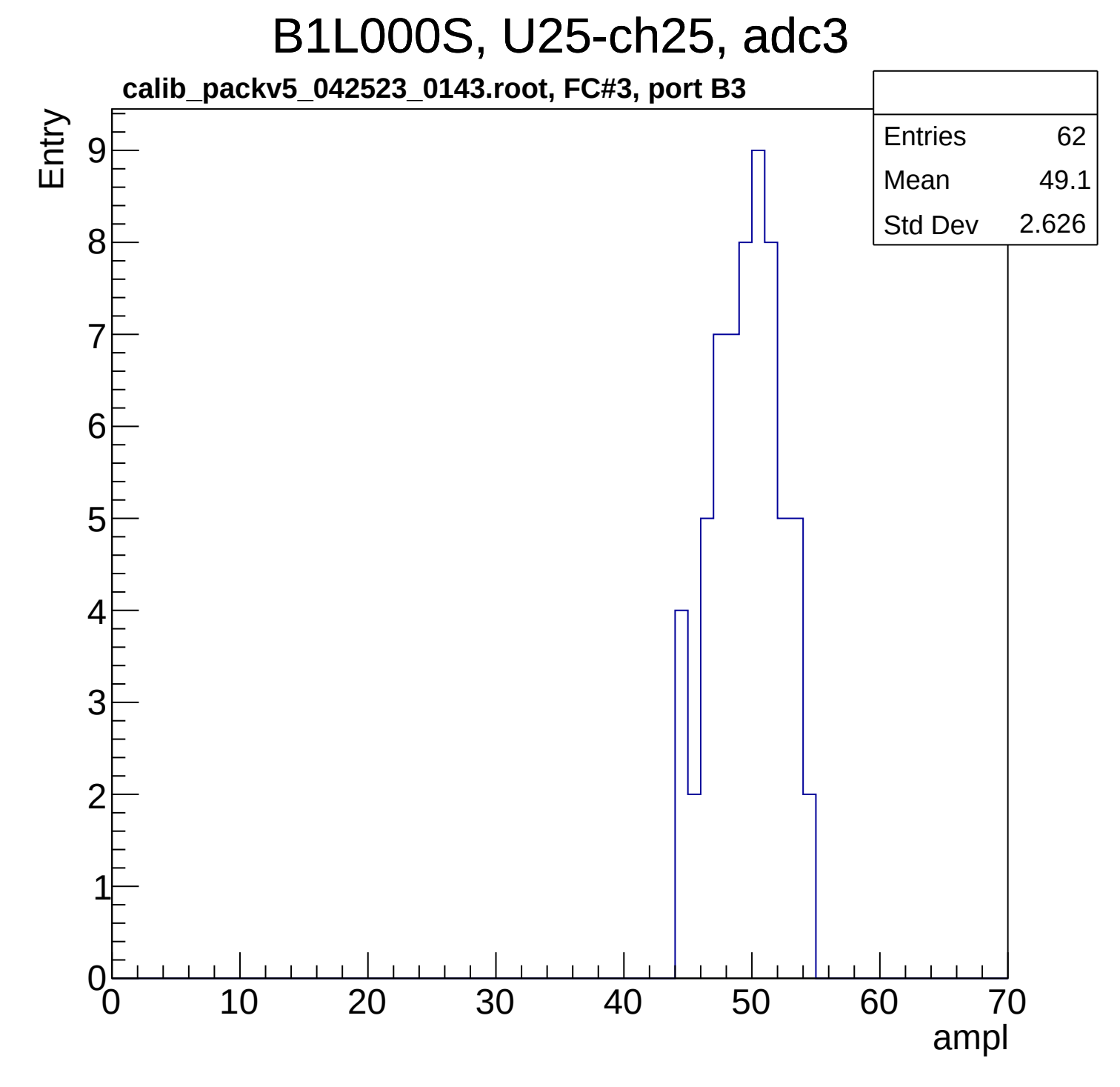

B1L000S, U25-ch24, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 28.33
Std Dev 26.11
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L000S, U25-ch25, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 28.88
Std Dev 3.036
Gaus mean : 29.5487
Gaus Width: 3.3942
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U25-ch25, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 35.58
Std Dev 3.248
Gaus mean : 36.0199
Gaus Width: 3.6668
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch25, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 42.68
Std Dev 2.856
Gaus mean : 42.8672
Gaus Width: 3.1878
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch25, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 49.1
Std Dev 2.626
Entry
ampl
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3
4
5
6
7
8
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0
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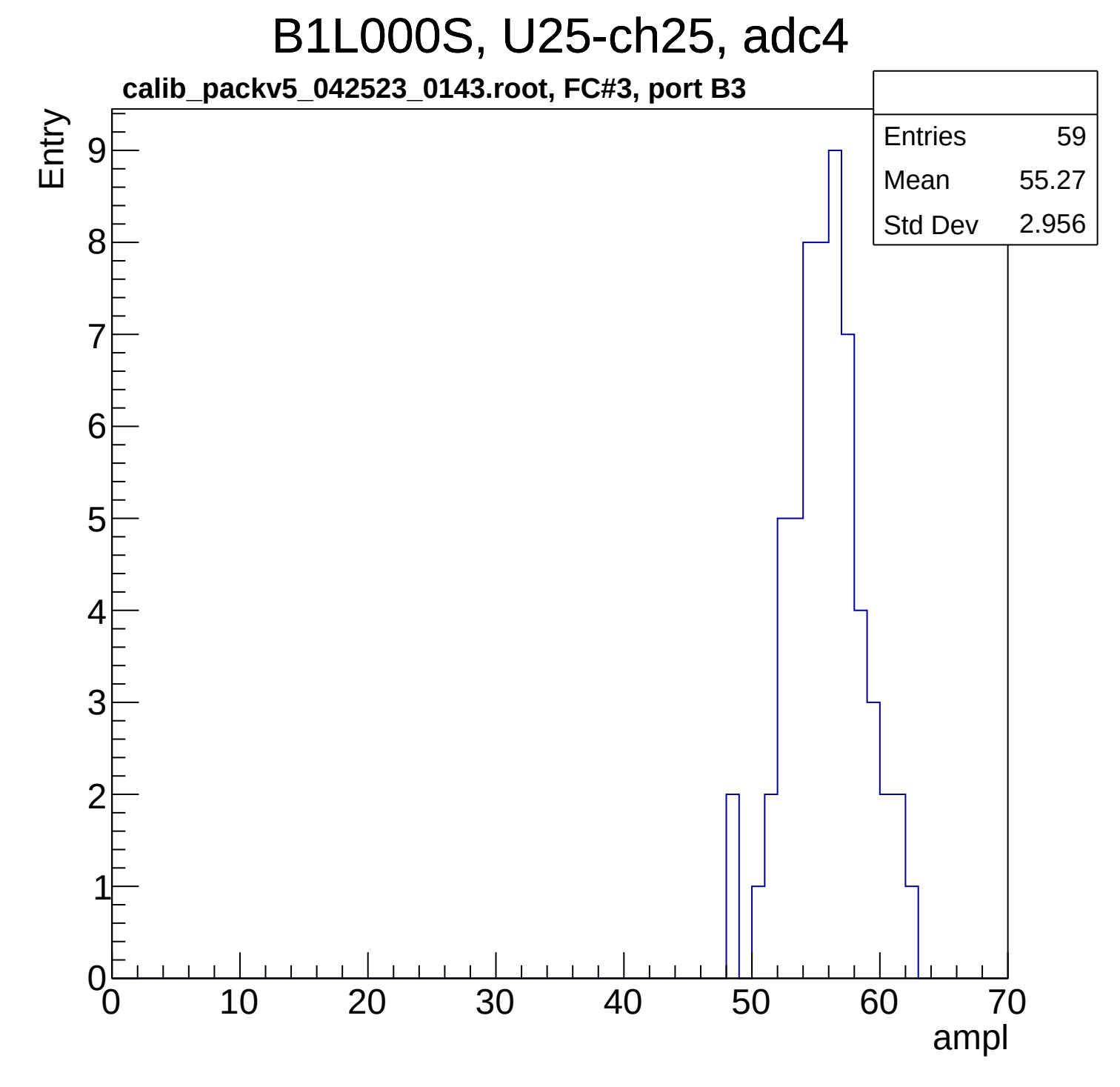
B1L000S, U25-ch25, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 55.27
Std Dev 2.956
Entry
ampl
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3
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6
7
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0
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60
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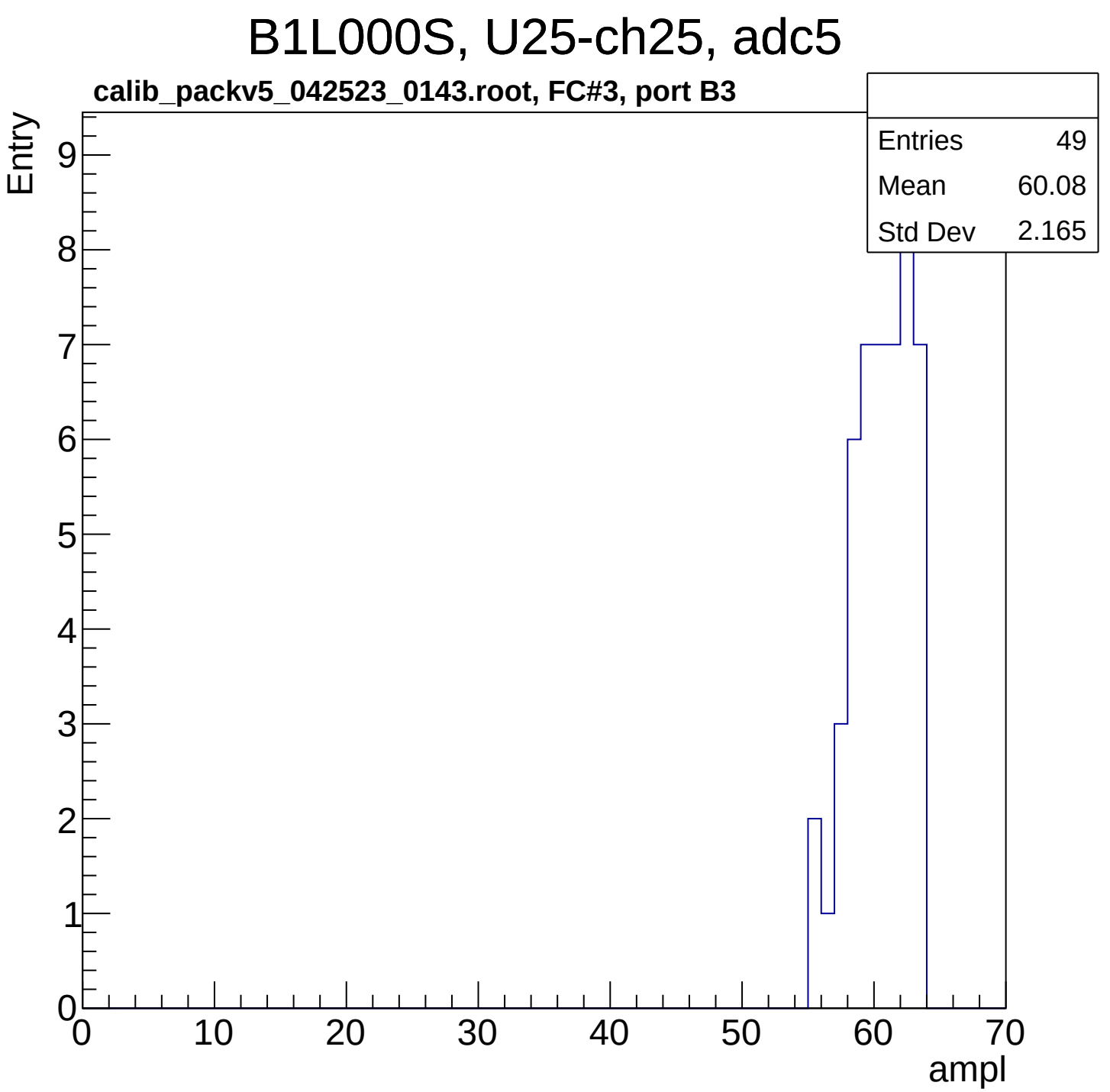
B1L000S, U25-ch25, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 60.08
Std Dev 2.165
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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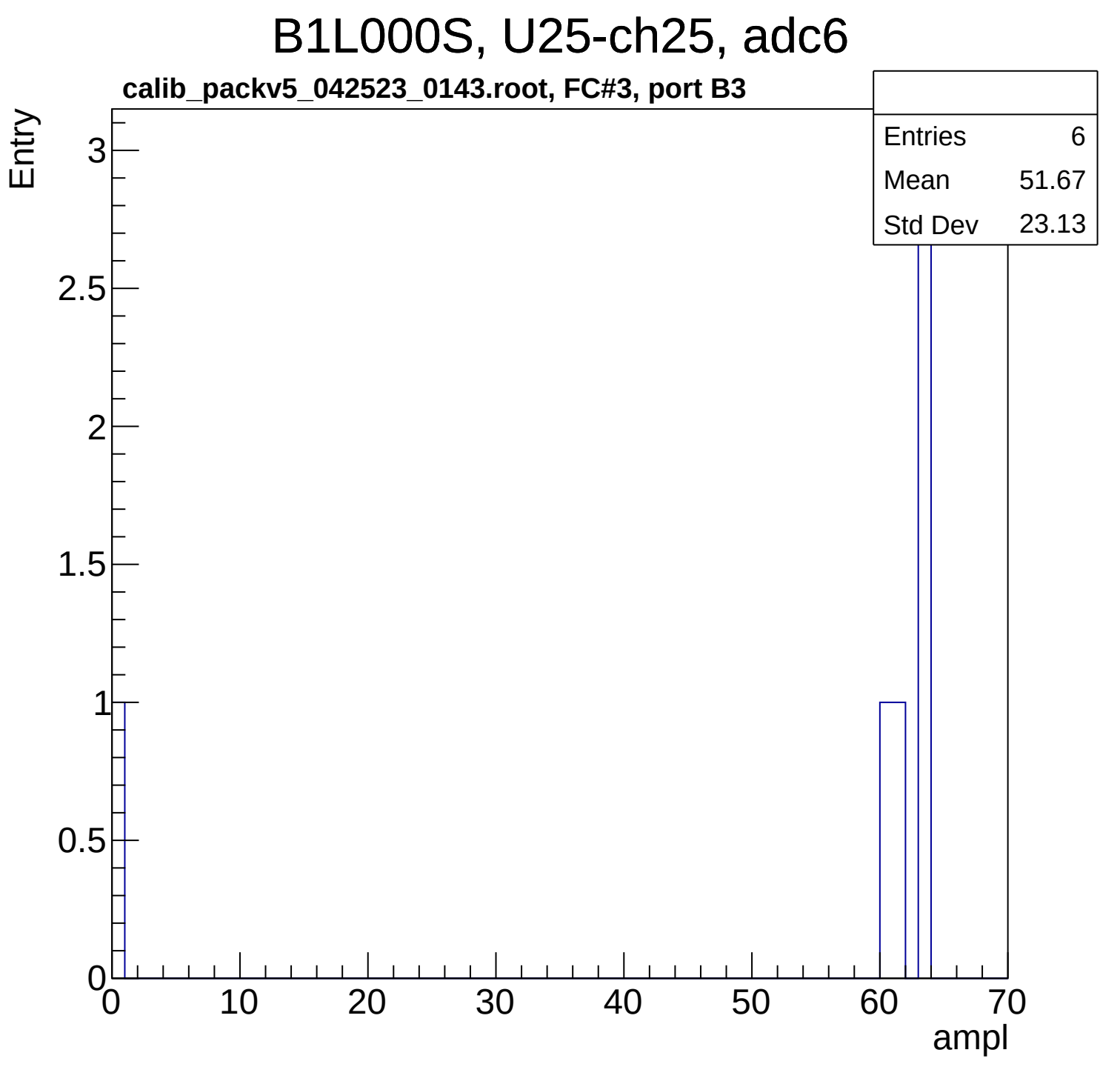
B1L000S, U25-ch25, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 51.67
Std Dev 23.13
Entry
ampl
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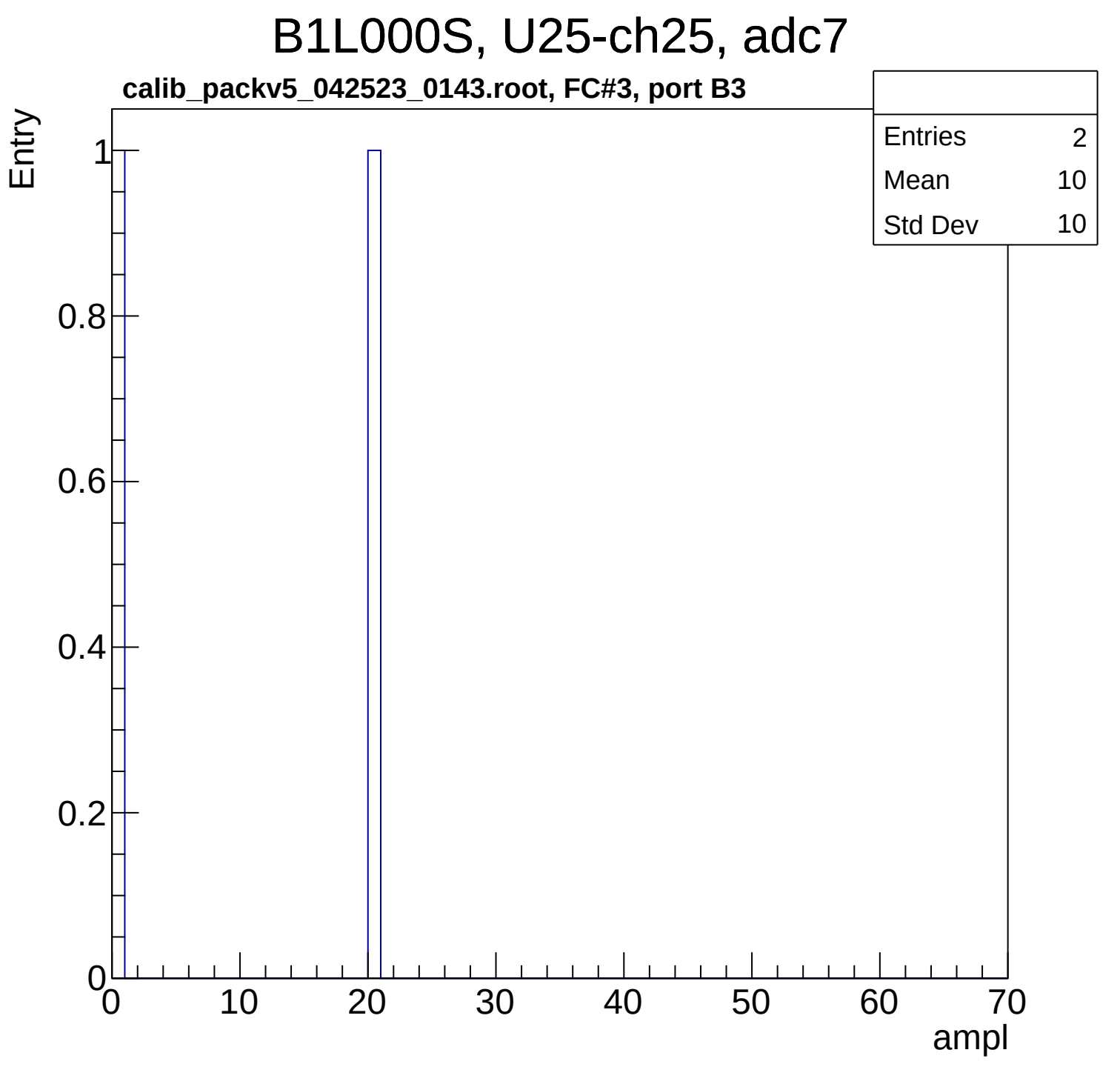
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U25-ch25, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 10
Std Dev 10
Entry
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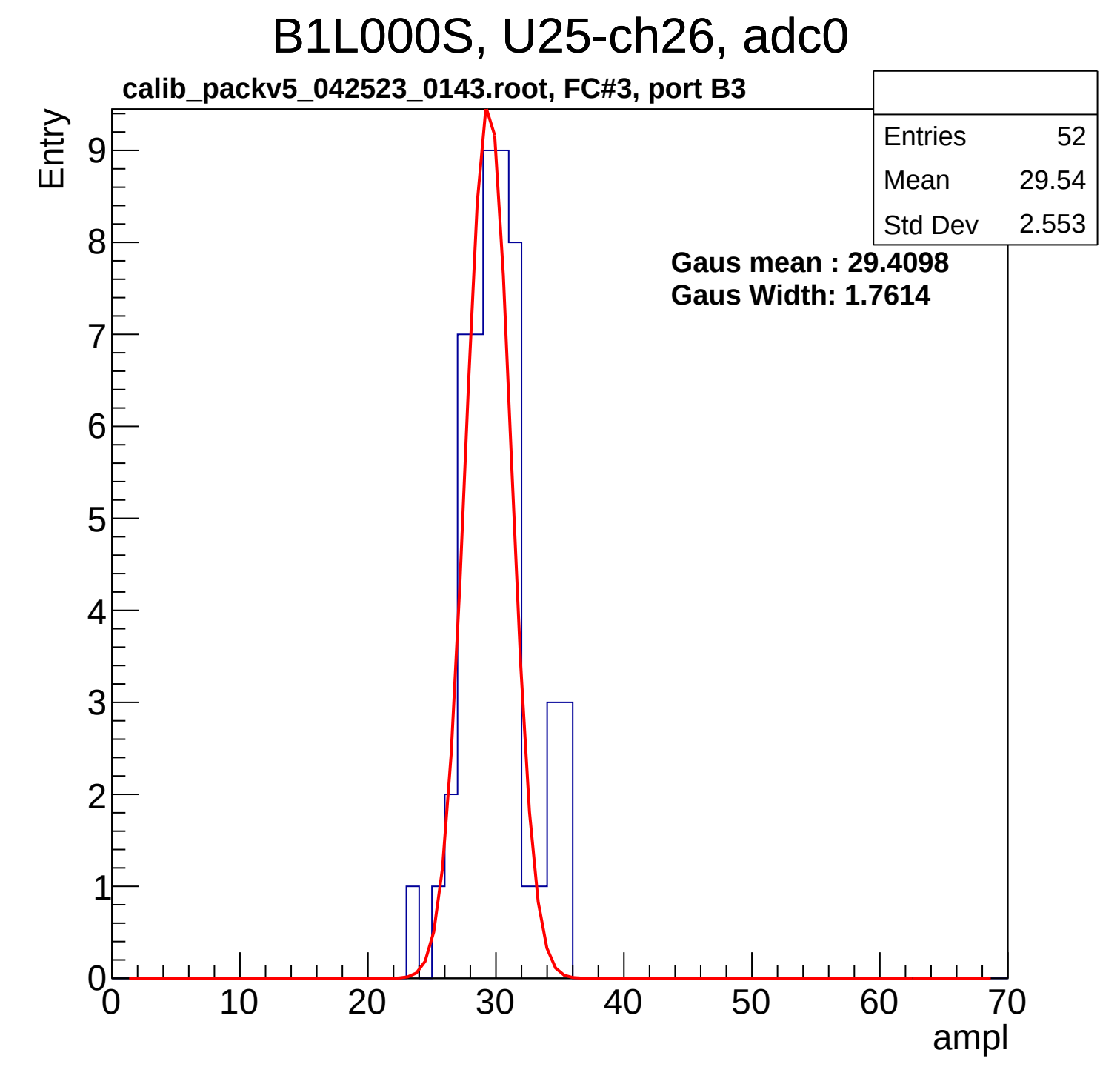
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch26, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 29.54
Std Dev 2.553
Gaus mean : 29.4098
Gaus Width: 1.7614
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
30
40
50
60
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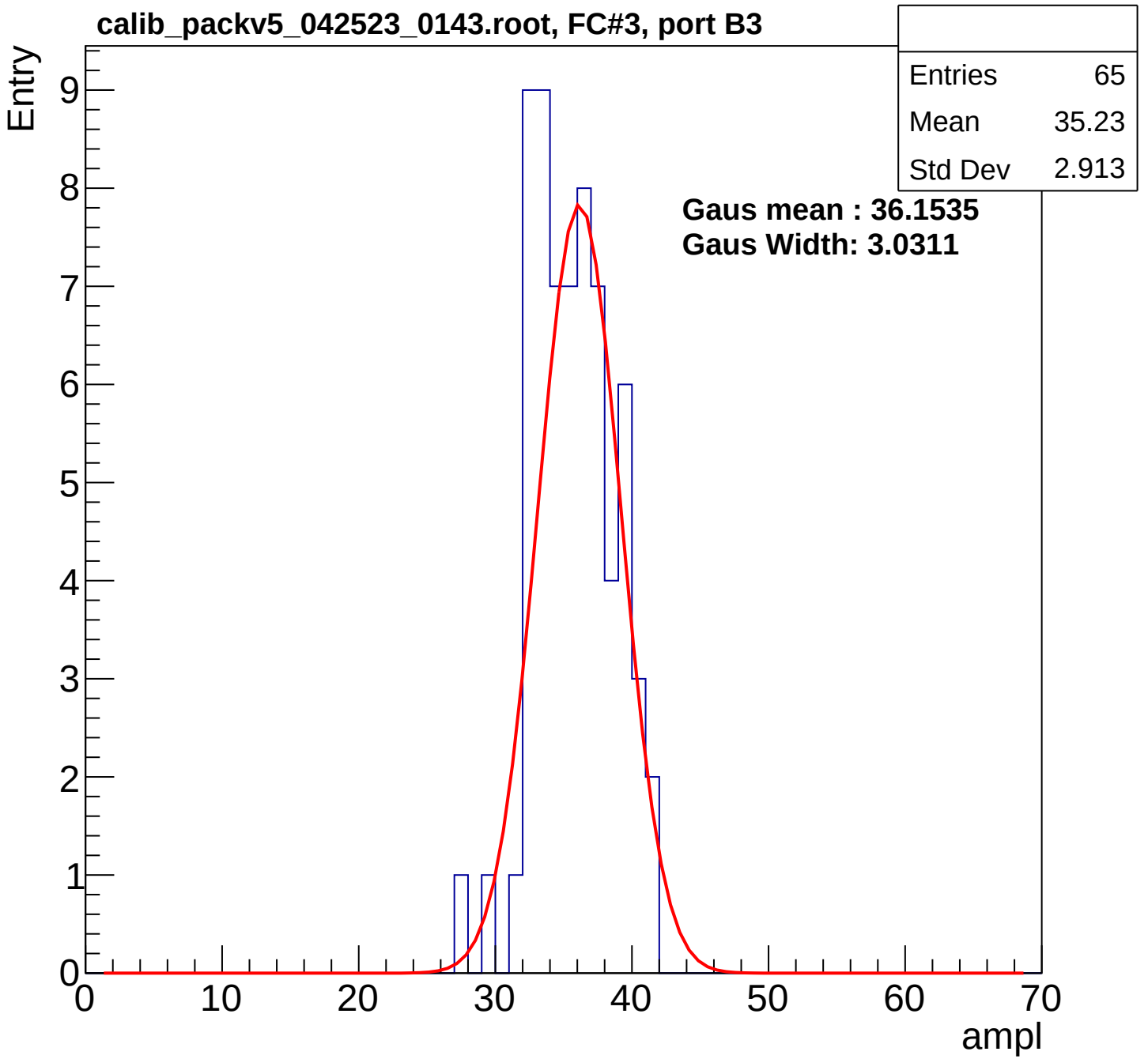
B1L000S, U25-ch26, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 35.23
Std Dev 2.913
Gaus mean : 36.1535
Gaus Width: 3.0311
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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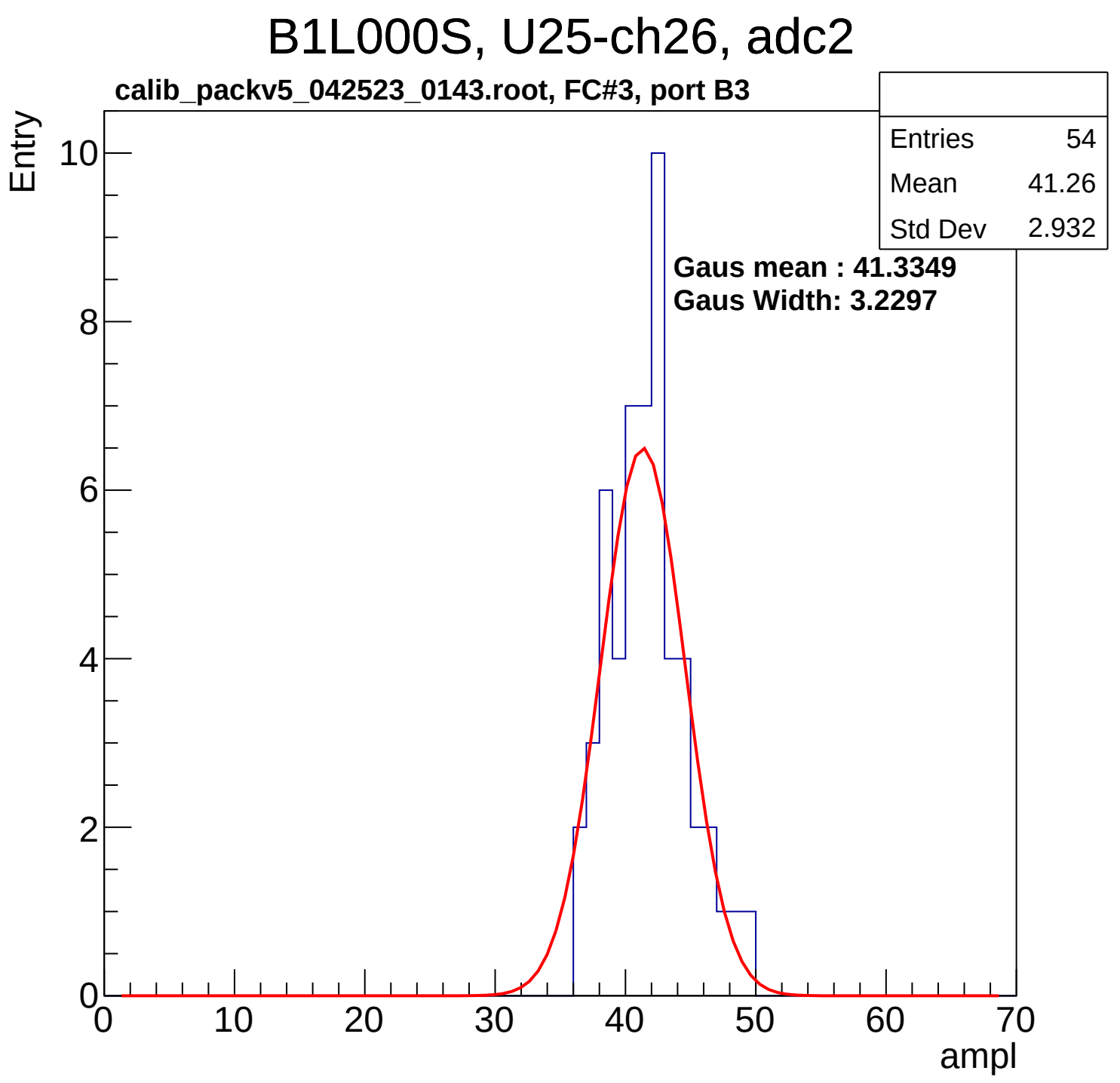
B1L000S, U25-ch26, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 41.26
Std Dev 2.932
Gaus mean : 41.3349
Gaus Width: 3.2297
Entry
ampl
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2
4
6
8
10
0
10
20
30
40
50
60
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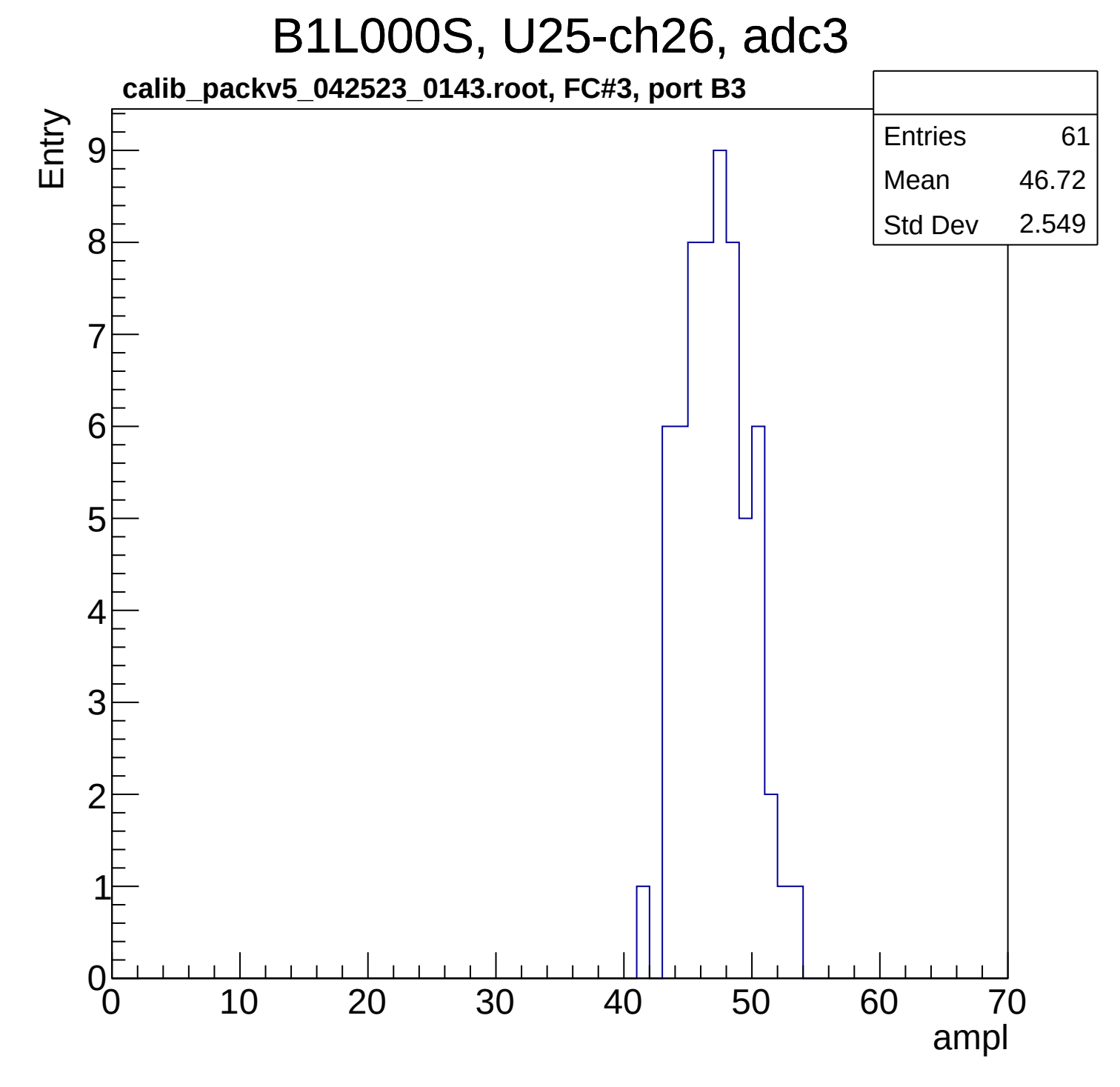
B1L000S, U25-ch26, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 46.72
Std Dev 2.549
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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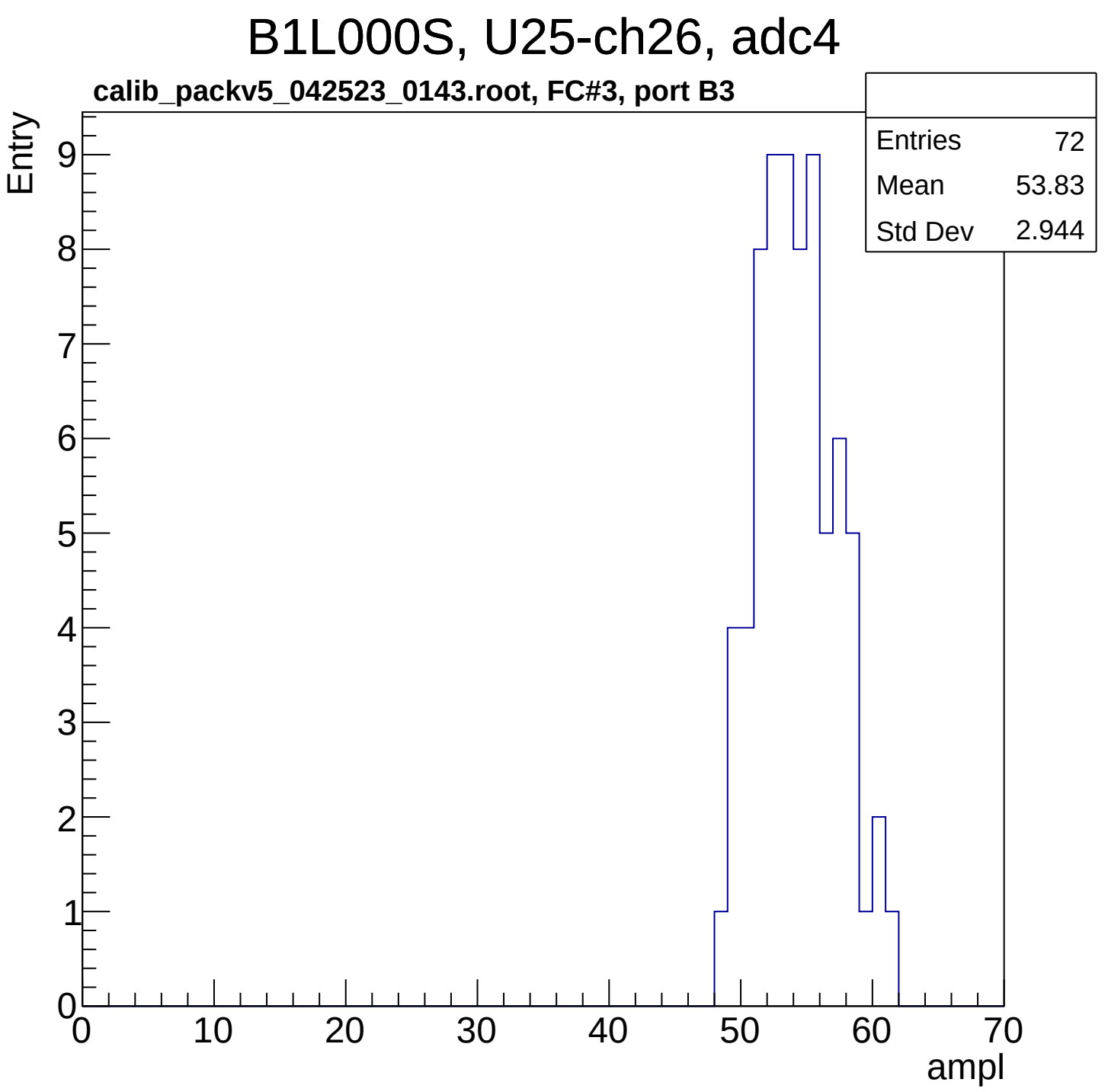
B1L000S, U25-ch26, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 53.83
Std Dev 2.944
Entry
ampl
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3
4
5
6
7
8
9
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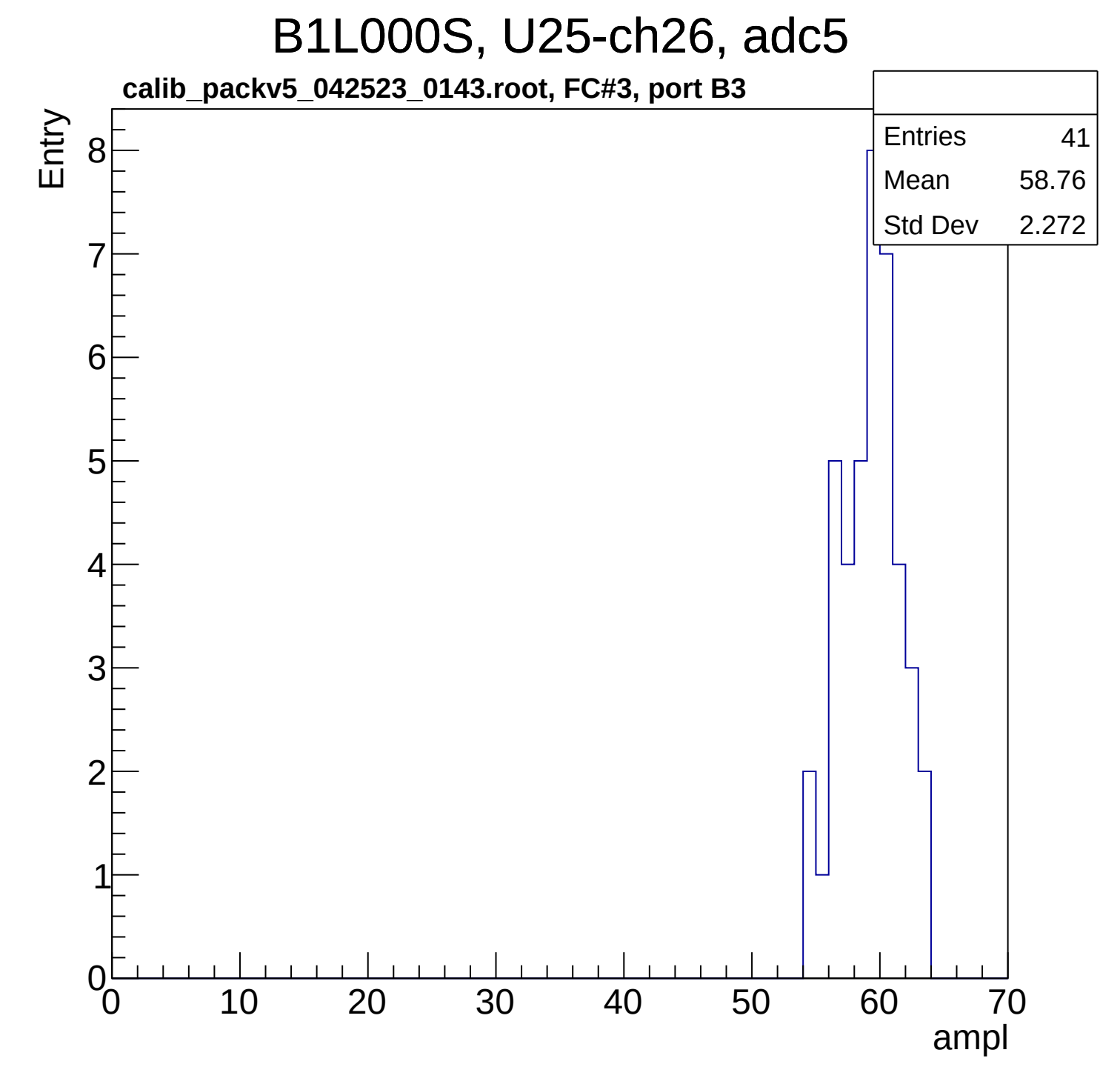
B1L000S, U25-ch26, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 41
Mean 58.76
Std Dev 2.272
Entry
ampl
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2
3
4
5
6
7
8
0
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40
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60
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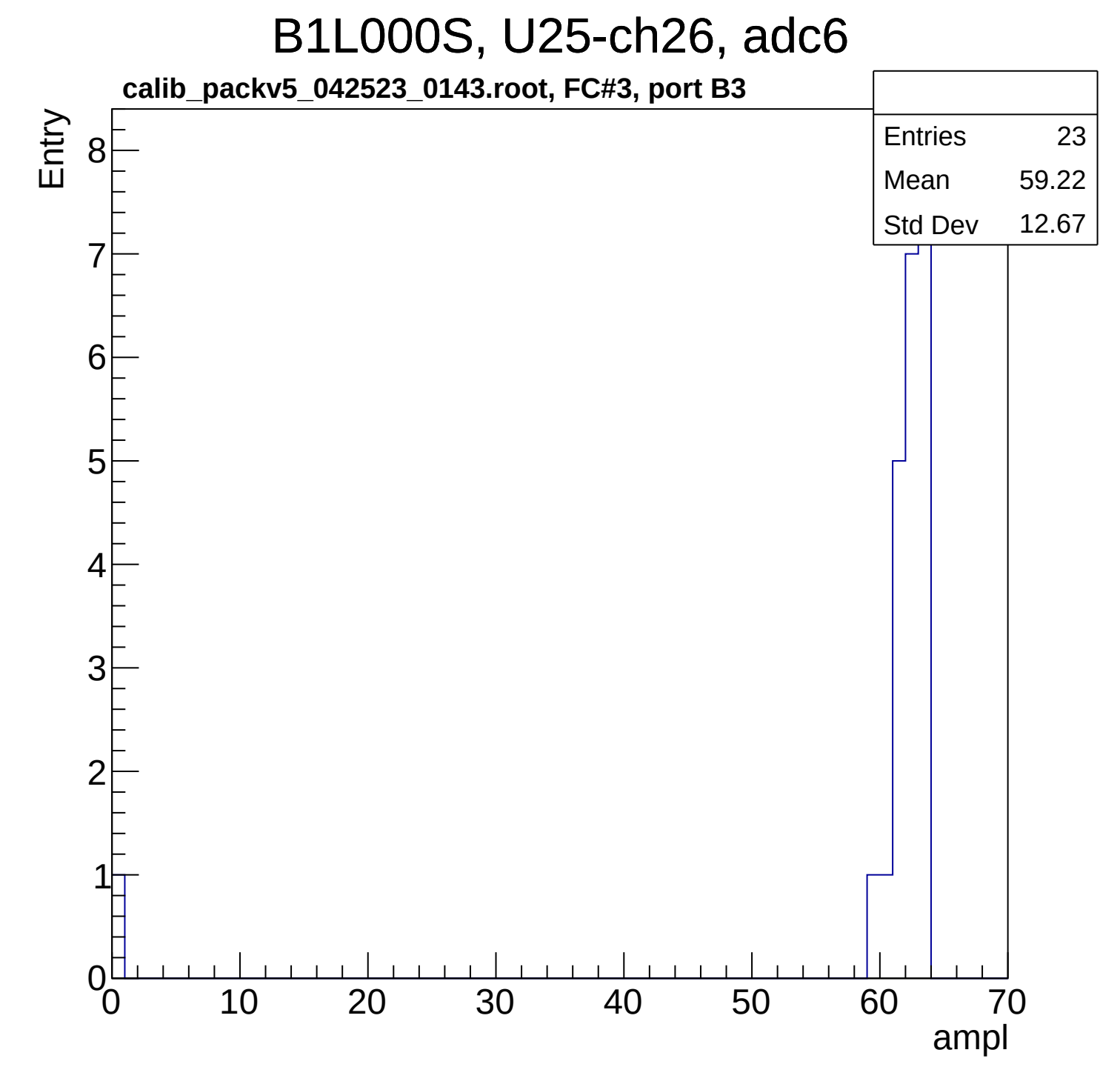
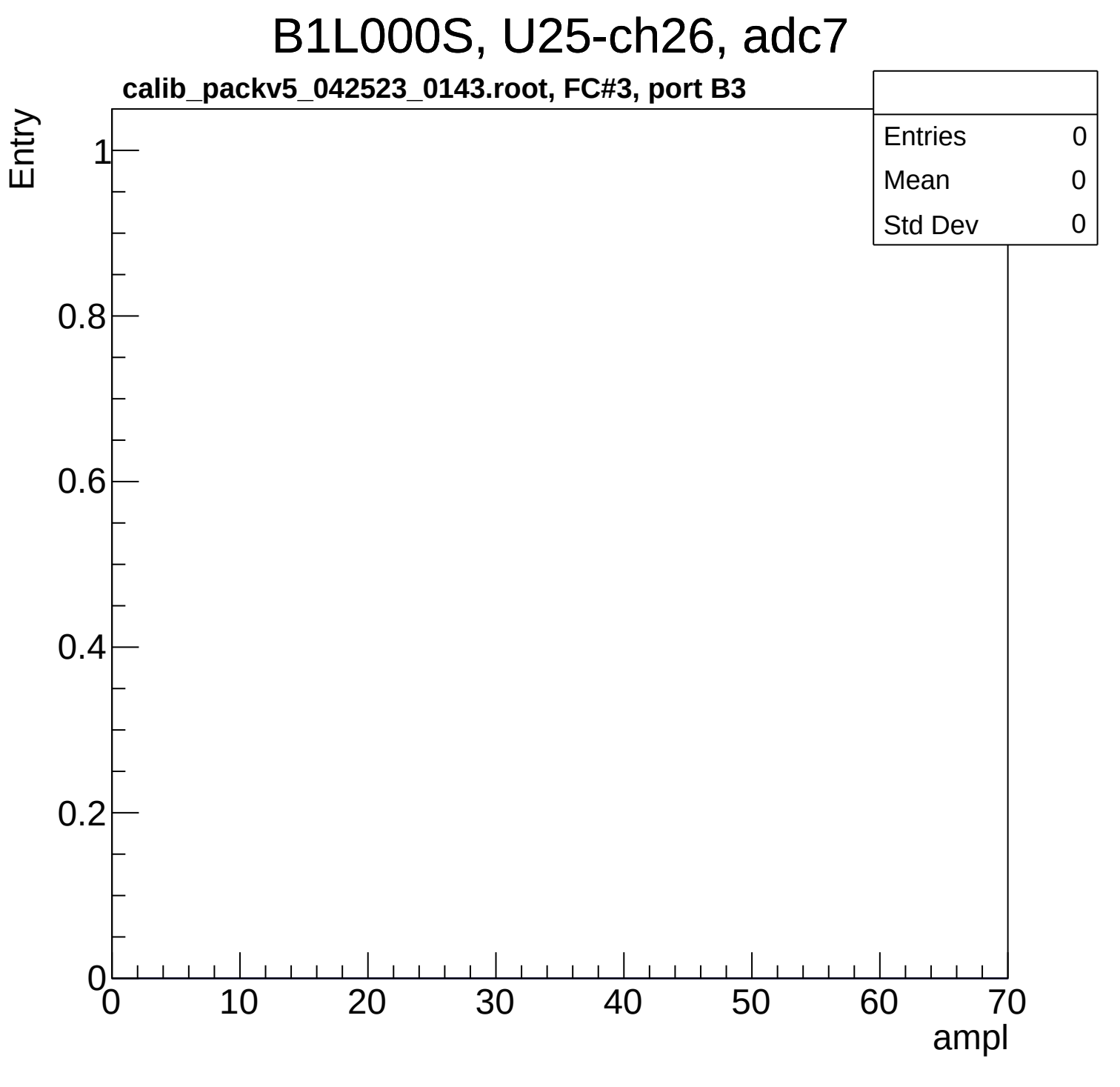

B1L000S, U25-ch26, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 23
Mean 59.22
Std Dev 12.67
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch26, 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
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10
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50
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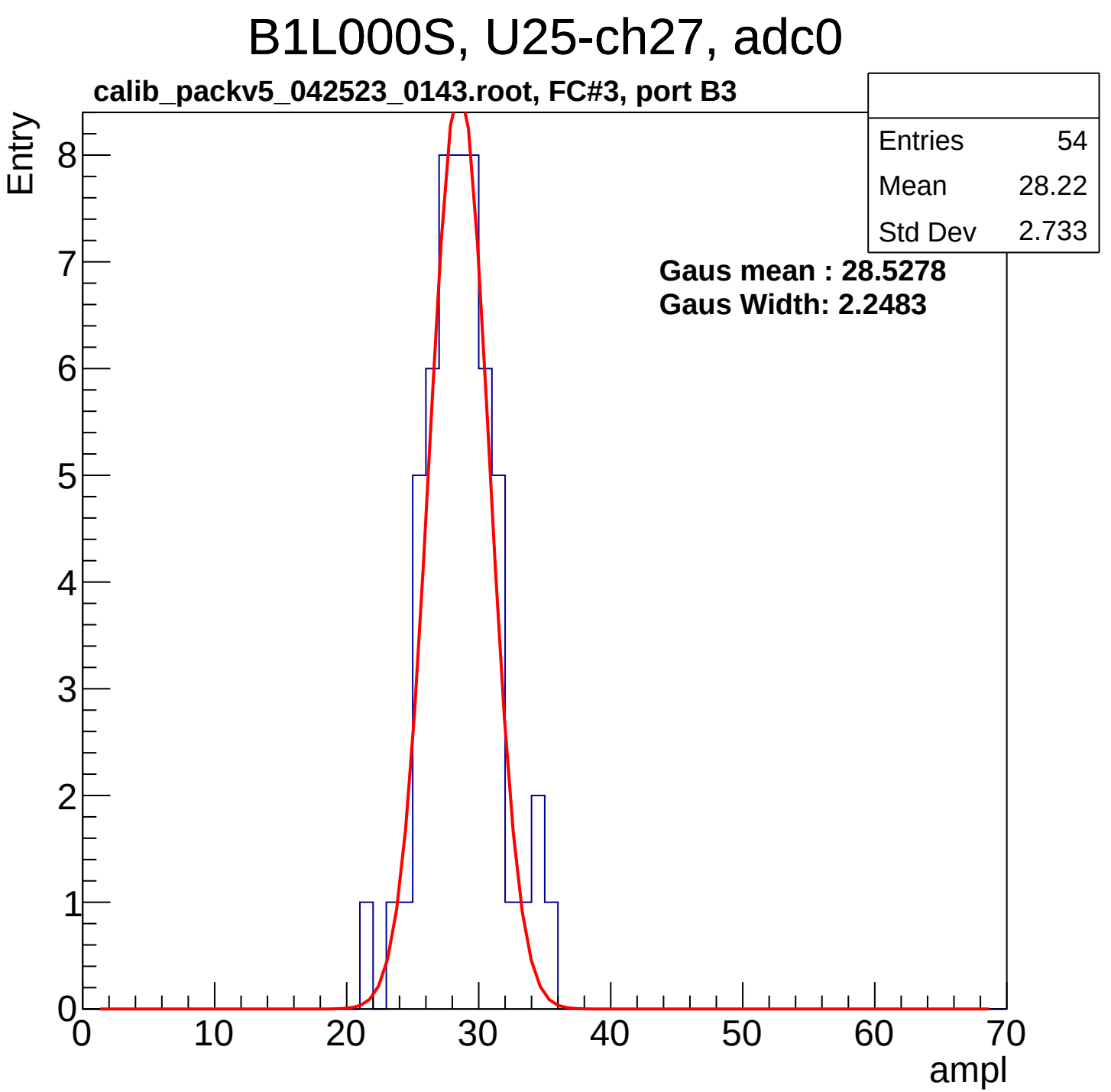
70
ampl


B1L000S, U25-ch27, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 28.22
Std Dev 2.733
Gaus mean : 28.5278
Gaus Width: 2.2483
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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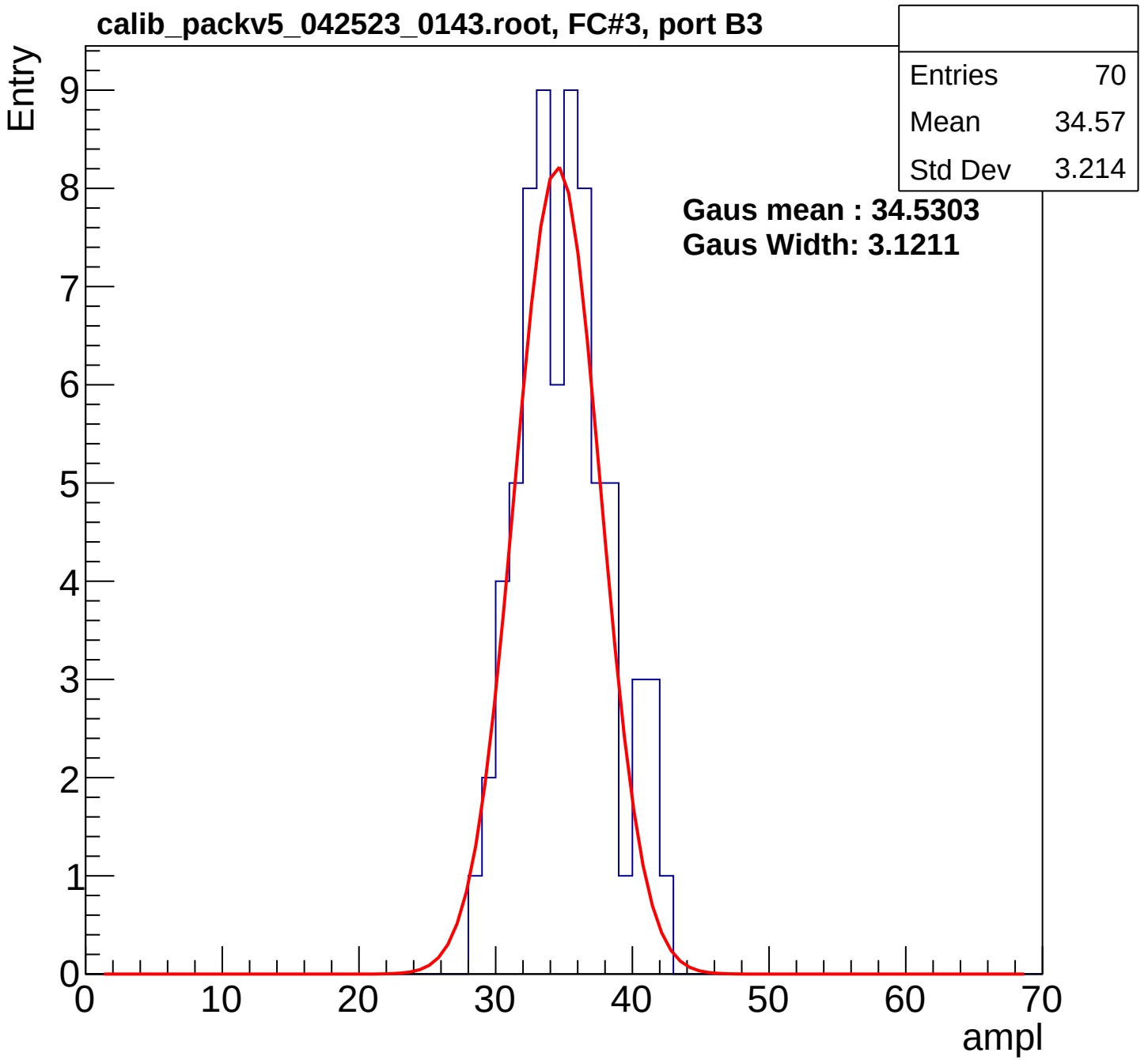
B1L000S, U25-ch27, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 34.57
Std Dev 3.214
Gaus mean : 34.5303
Gaus Width: 3.1211
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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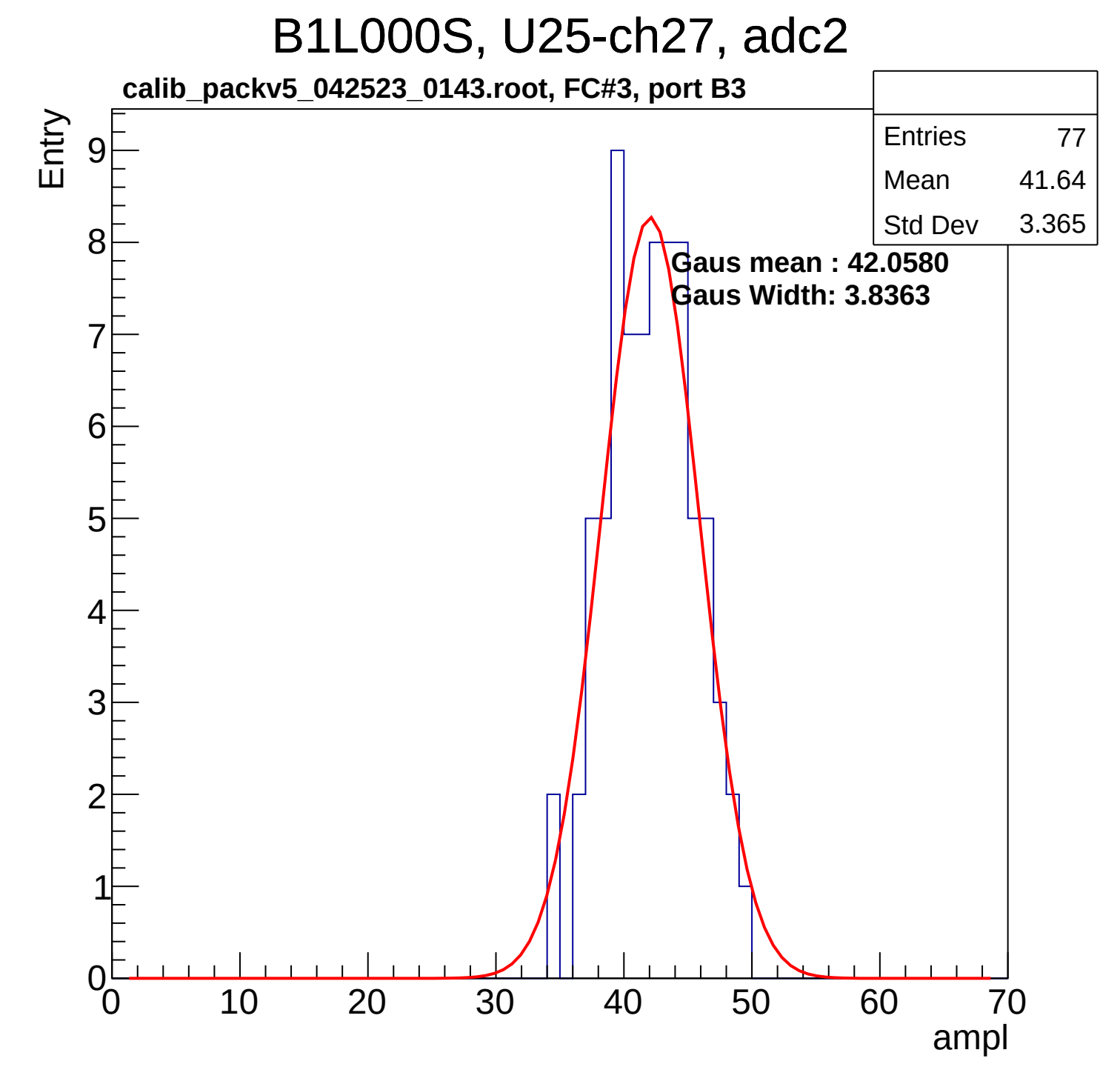
B1L000S, U25-ch27, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 41.64
Std Dev 3.365
Gaus mean : 42.0580
Gaus Width: 3.8363
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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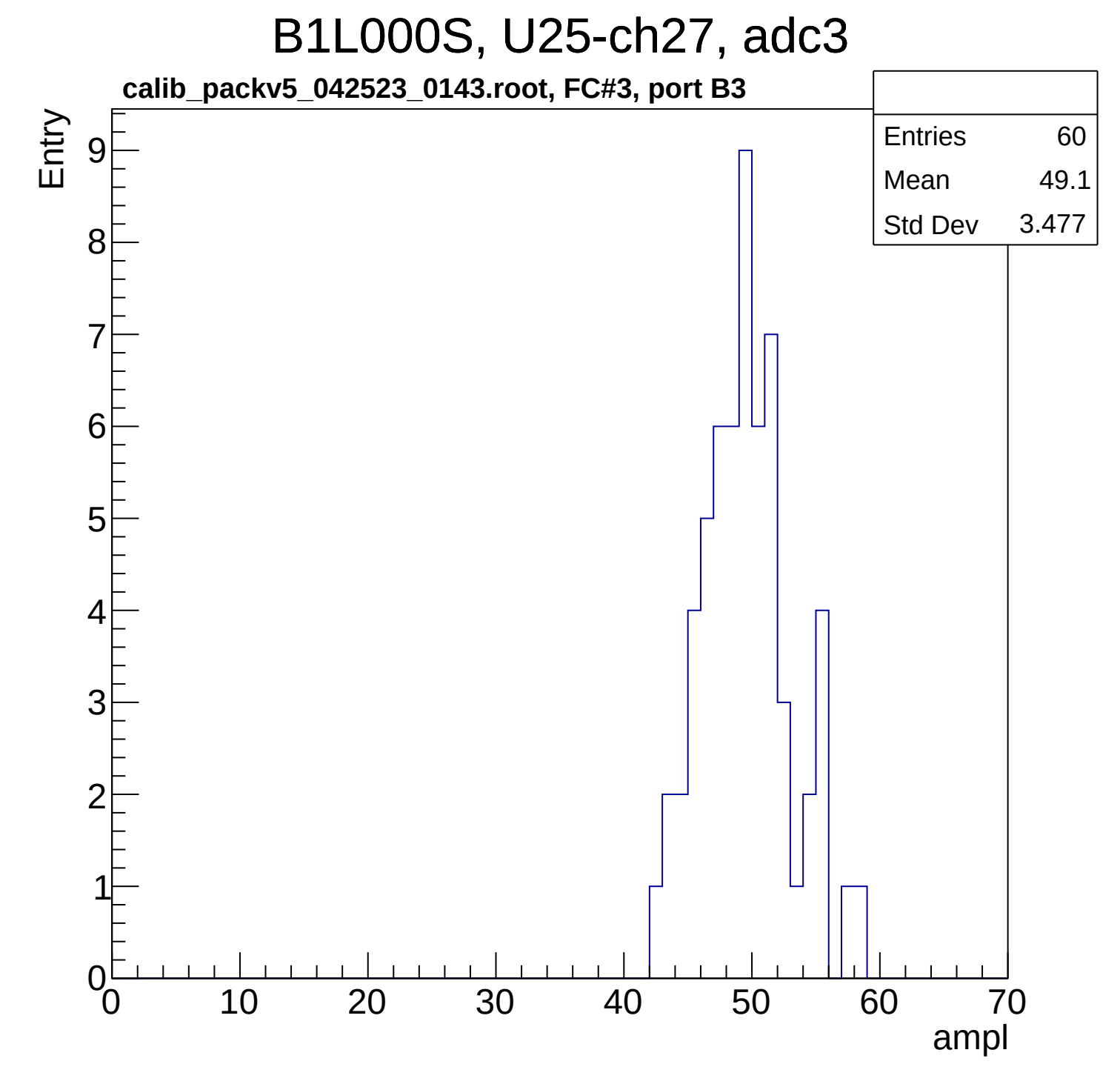
B1L000S, U25-ch27, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 49.1
Std Dev 3.477
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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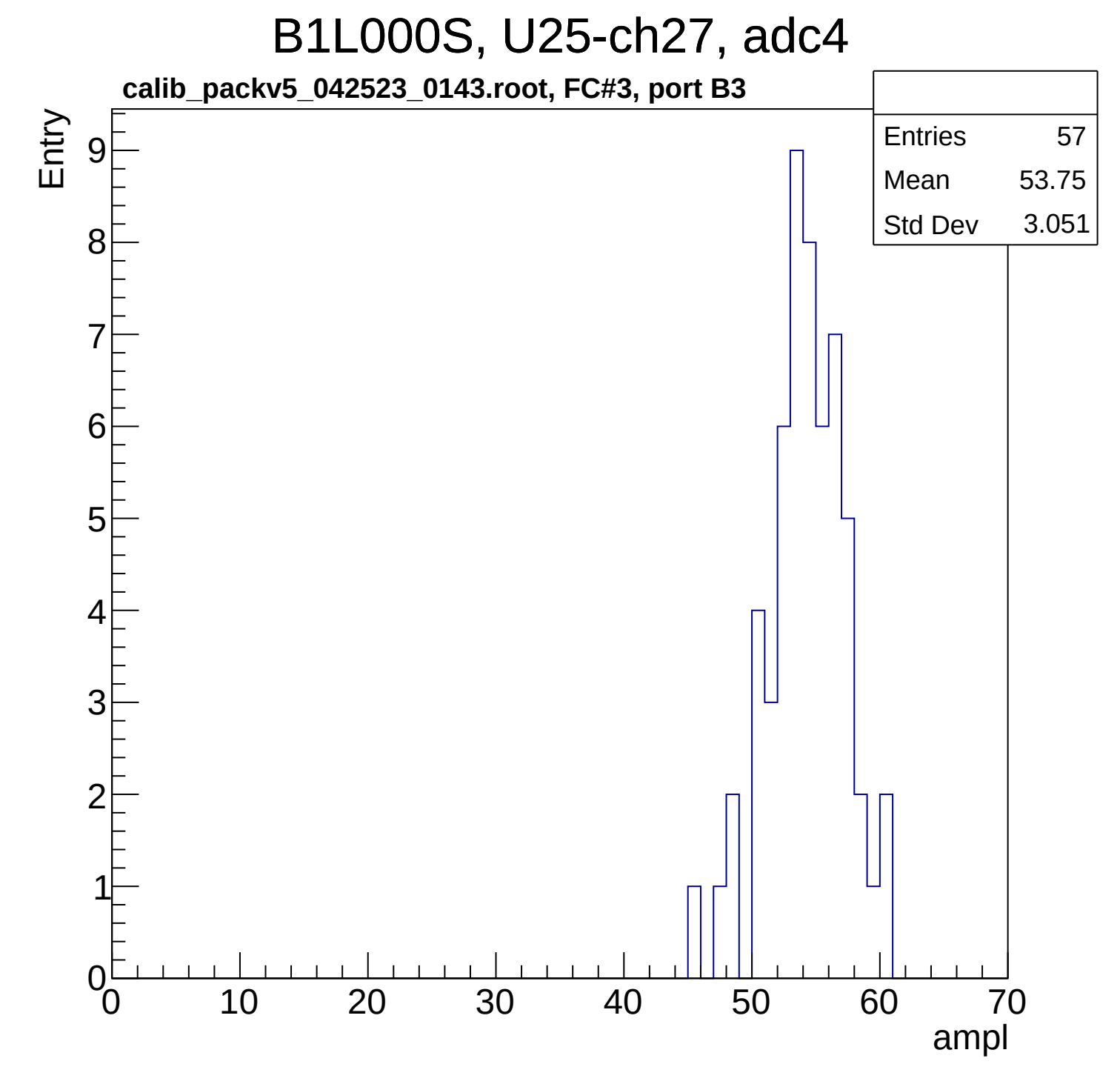
B1L000S, U25-ch27, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 53.75
Std Dev 3.051
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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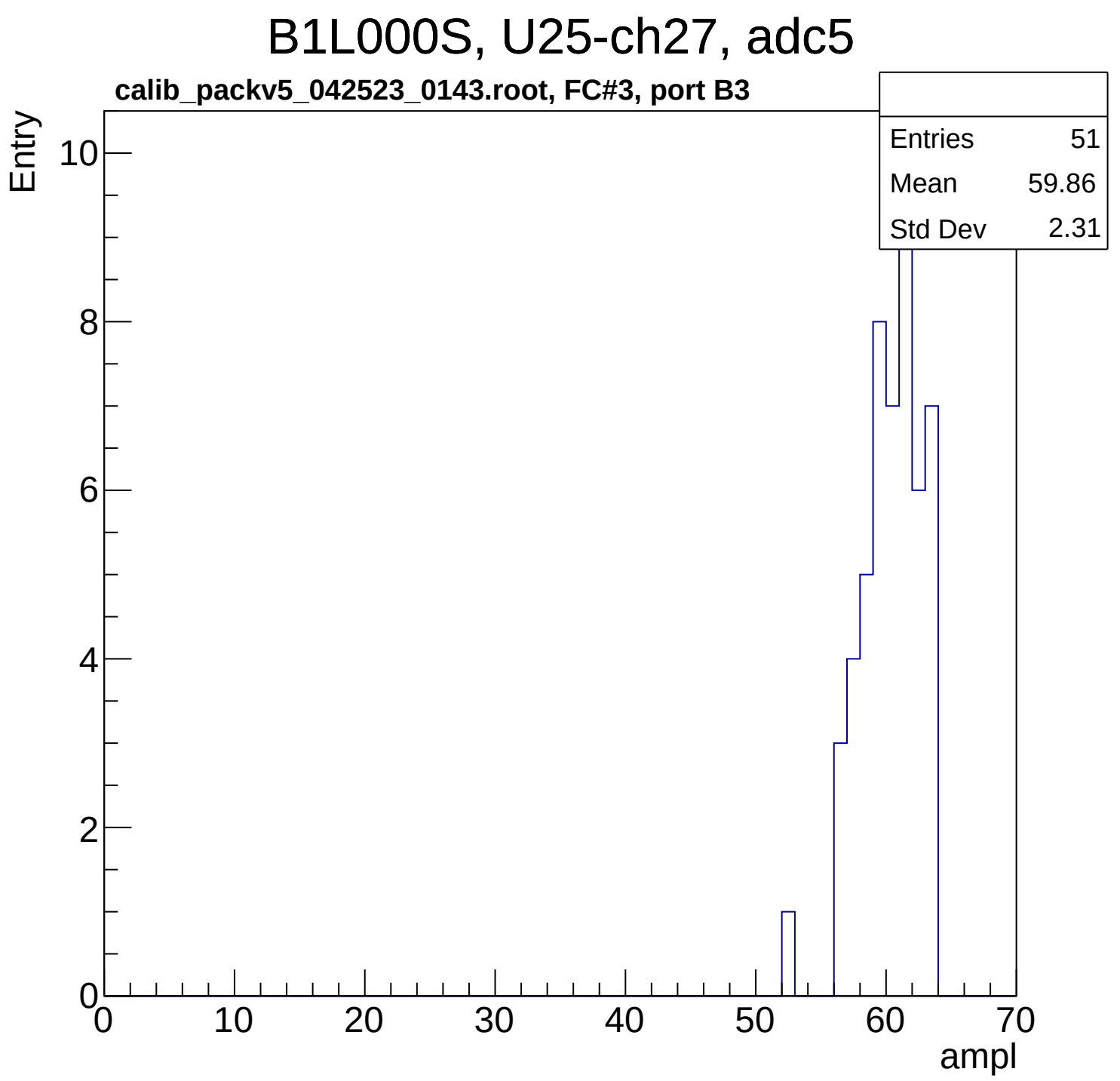
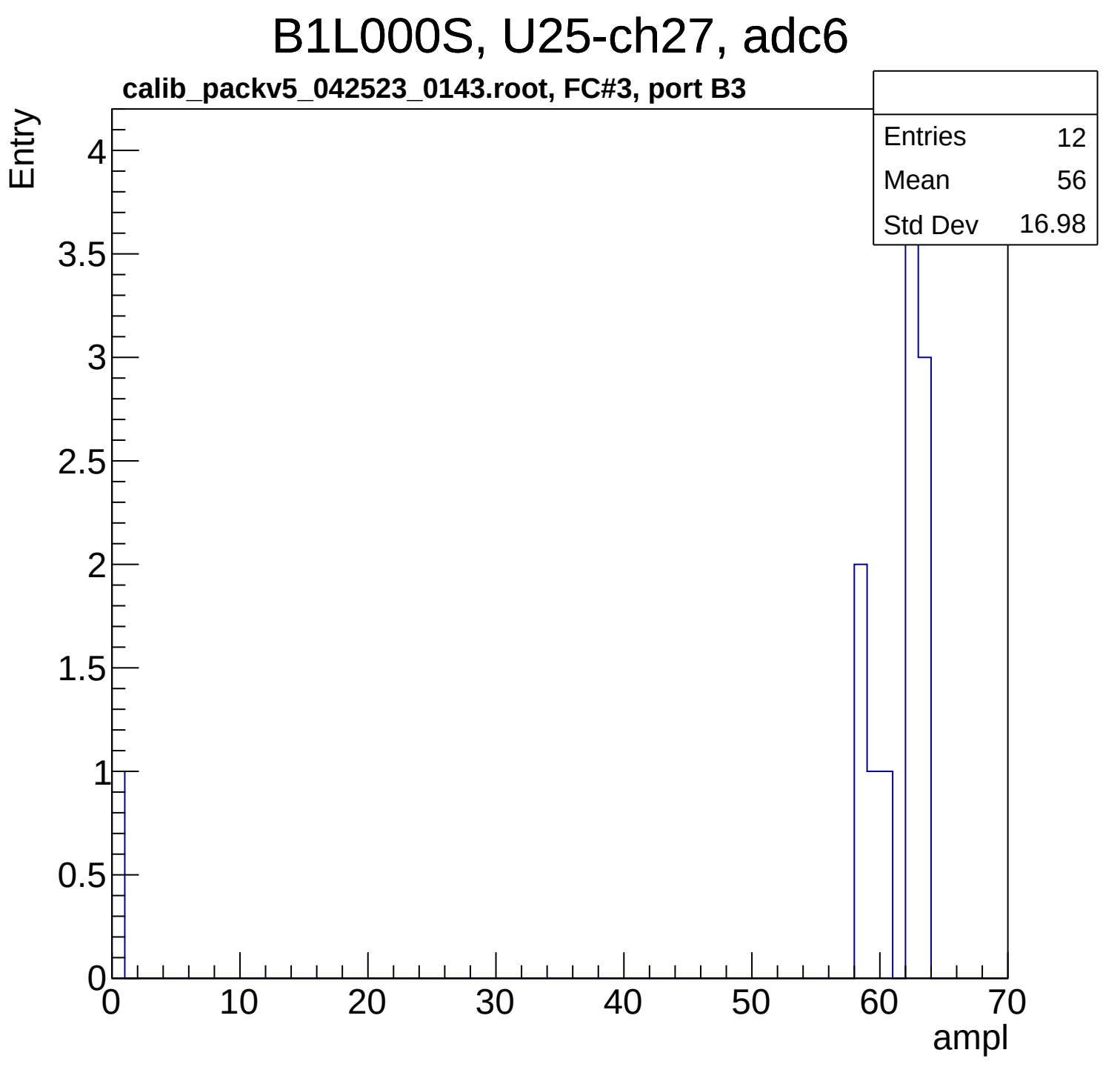

B1L000S, U25-ch27, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 59.86
Std Dev 2.31
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch27, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 56
Std Dev 16.98
Entry
ampl
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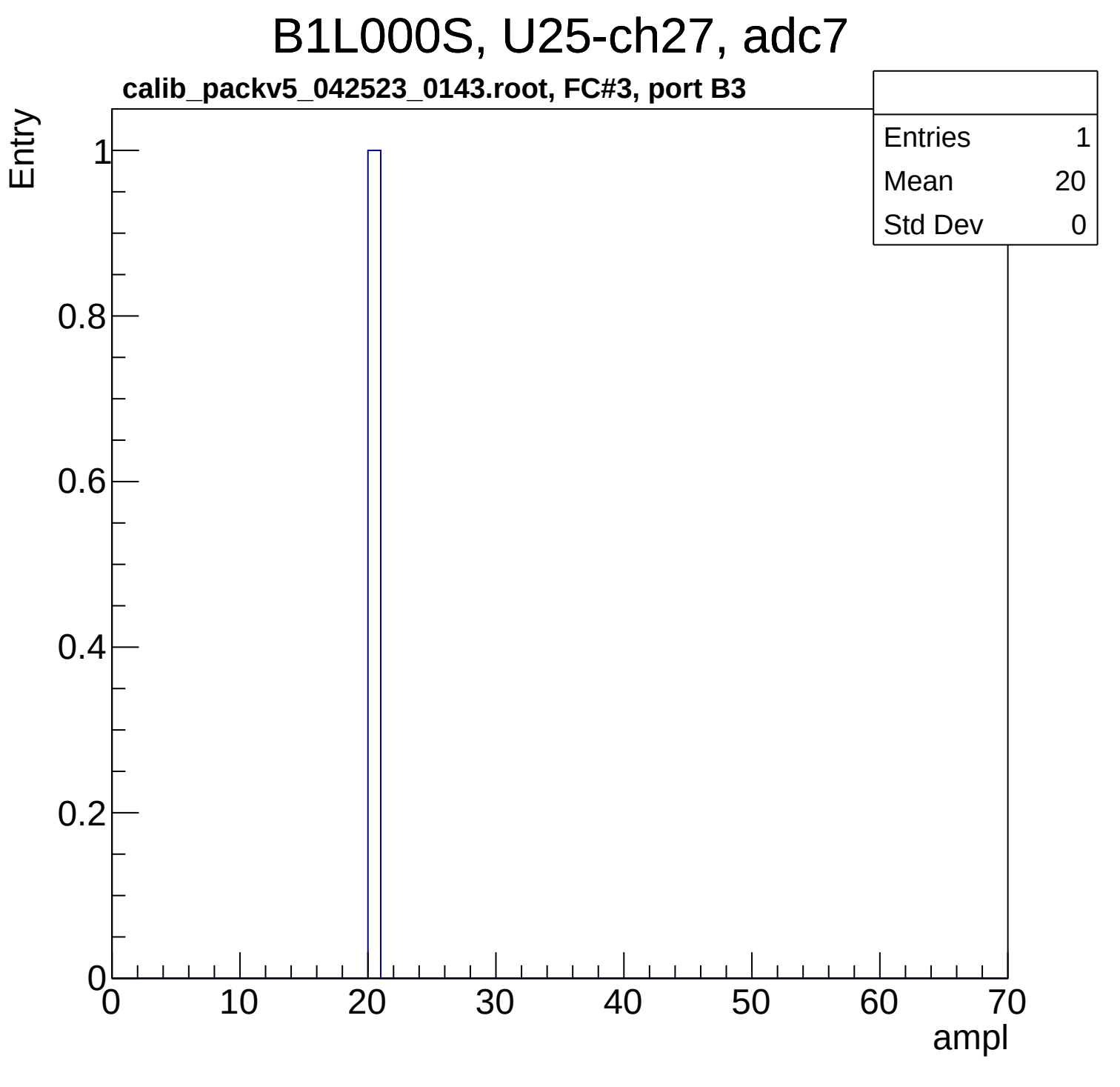
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U25-ch27, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 20
Std Dev 0
Entry
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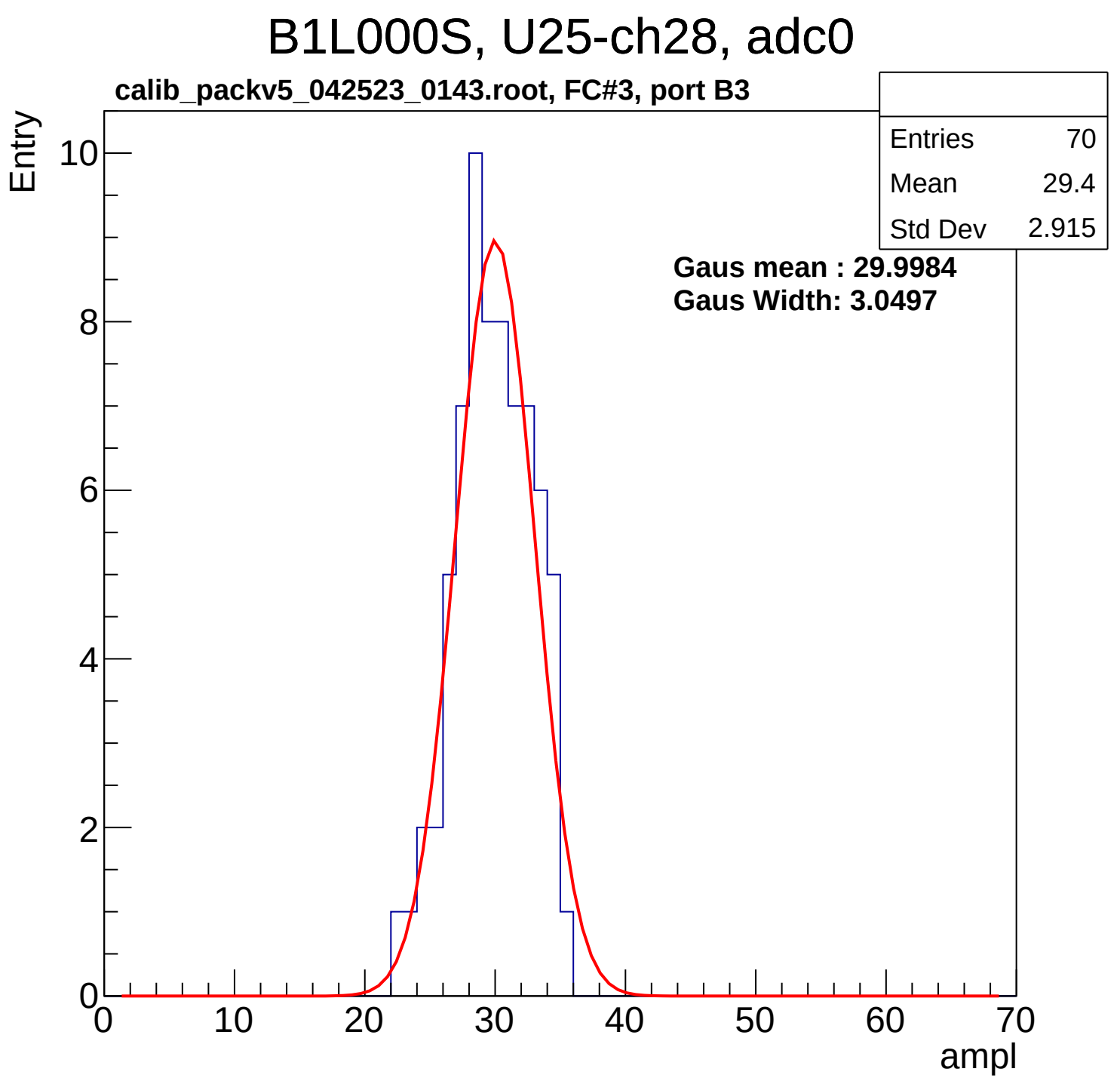
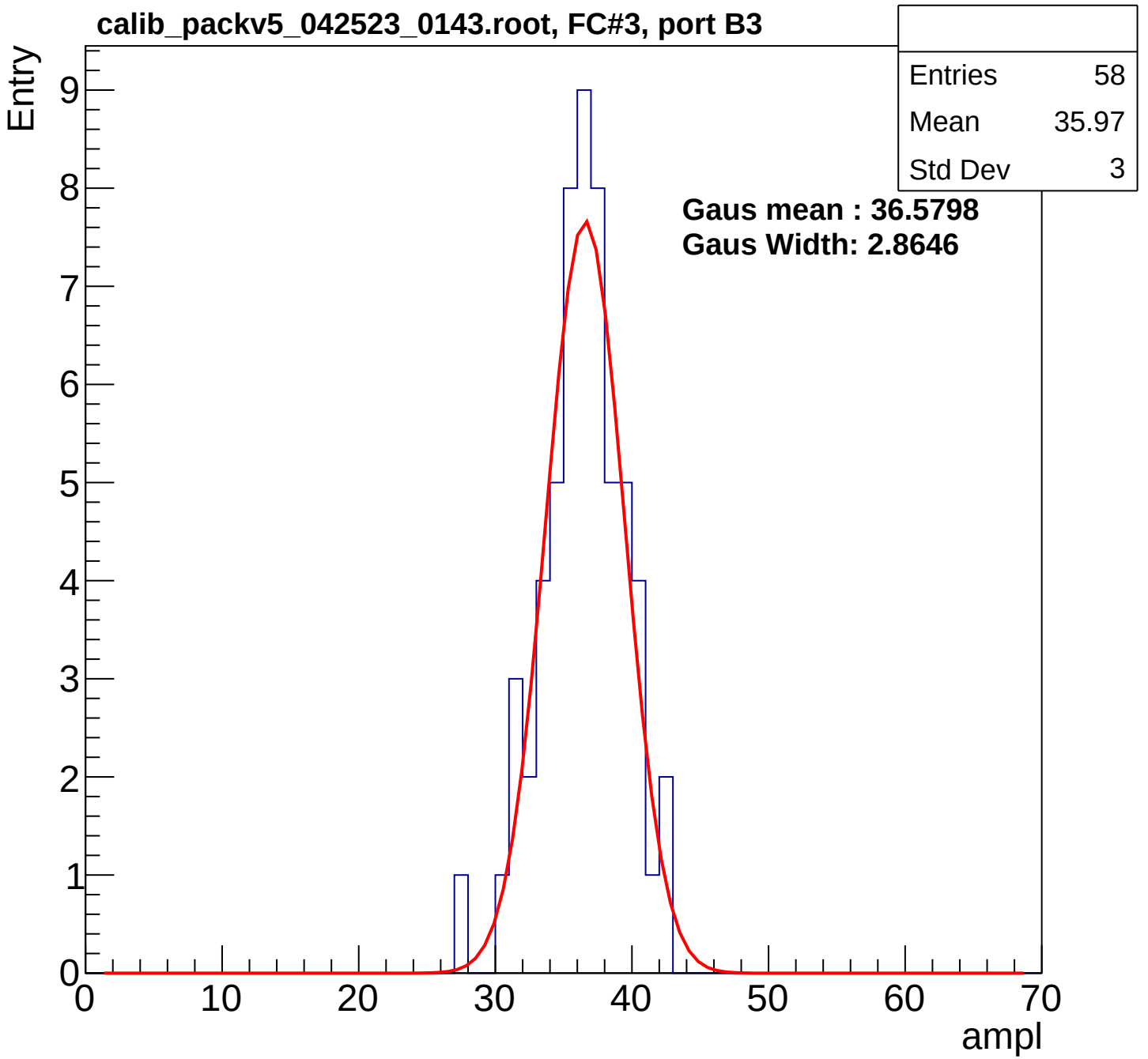
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch28, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 29.4
Std Dev 2.915
Gaus mean : 29.9984
Gaus Width: 3.0497
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch28, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 35.97
Std Dev 3
Gaus mean : 36.5798
Gaus Width: 2.8646
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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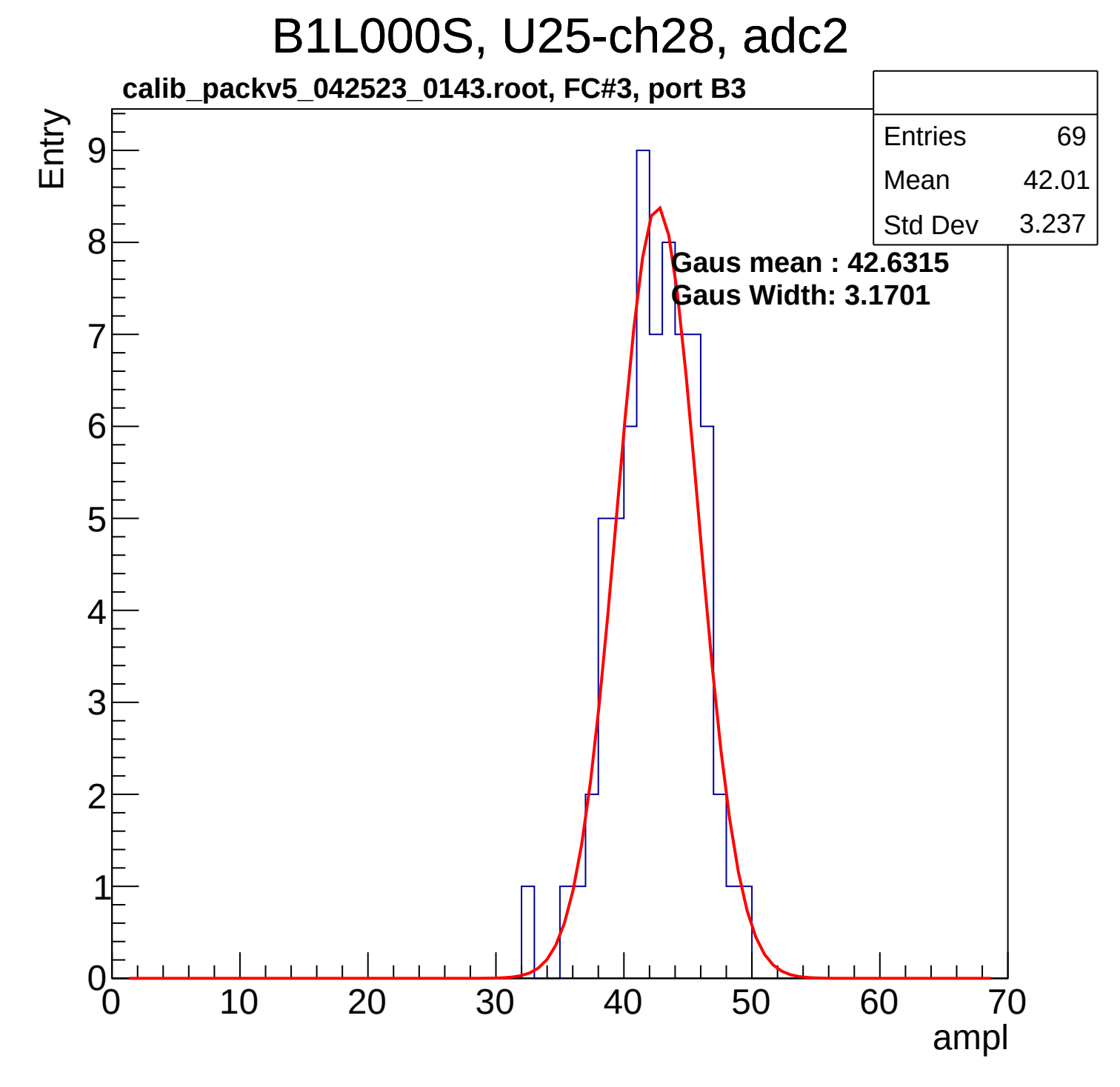
B1L000S, U25-ch28, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 42.01
Std Dev 3.237
Gaus mean : 42.6315
Gaus Width: 3.1701
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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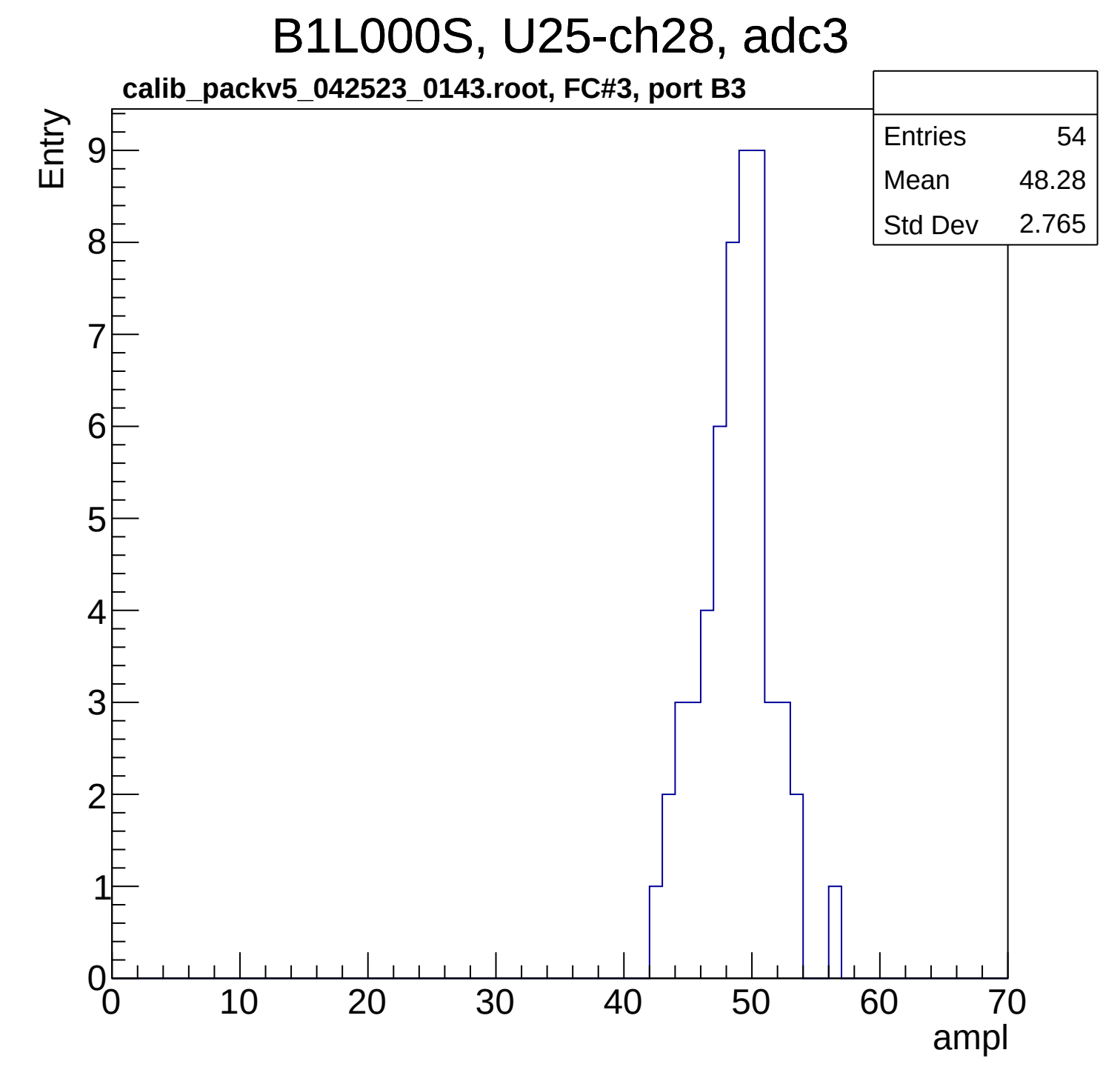
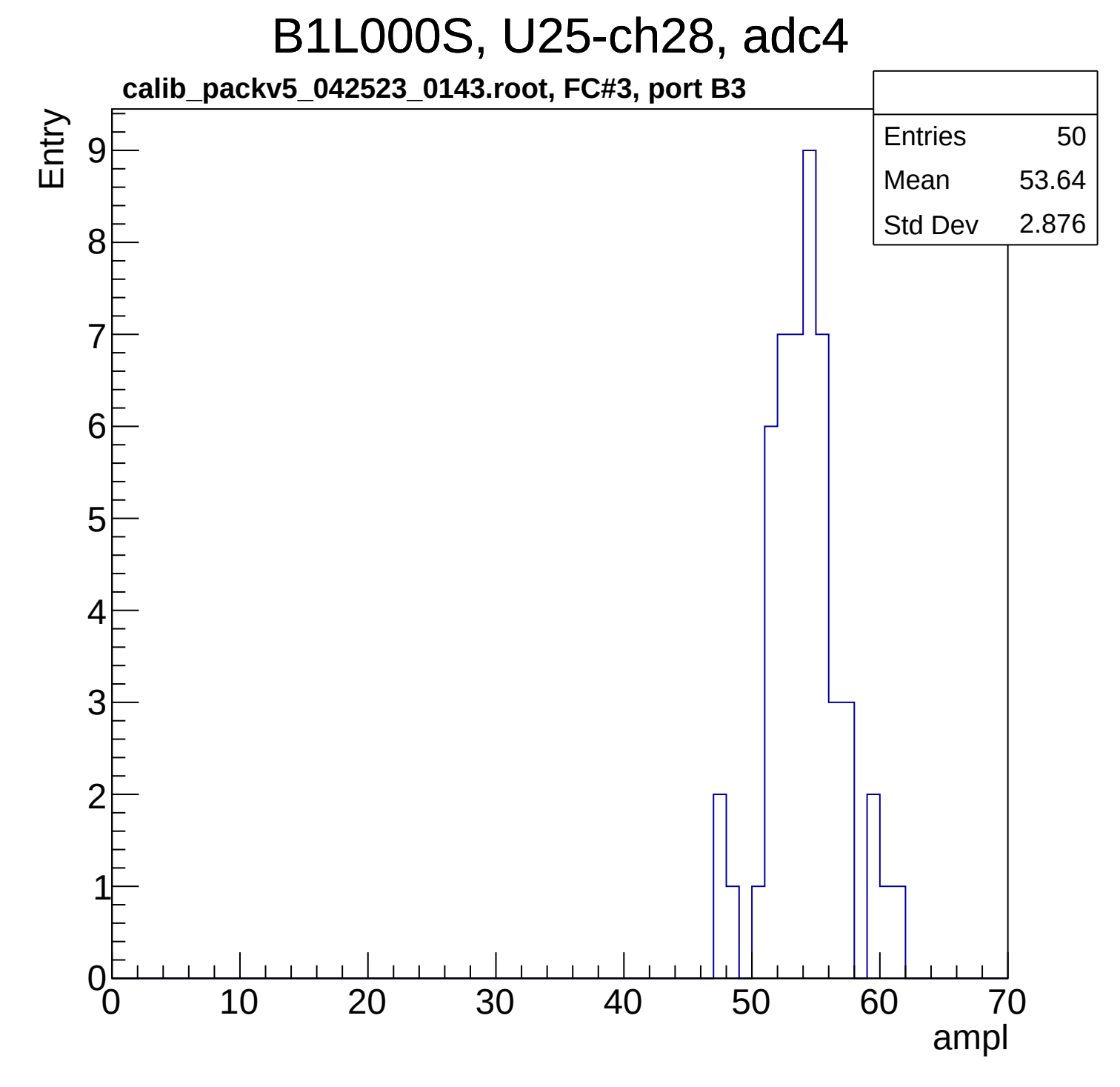

B1L000S, U25-ch28, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 48.28
Std Dev 2.765
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch28, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 53.64
Std Dev 2.876
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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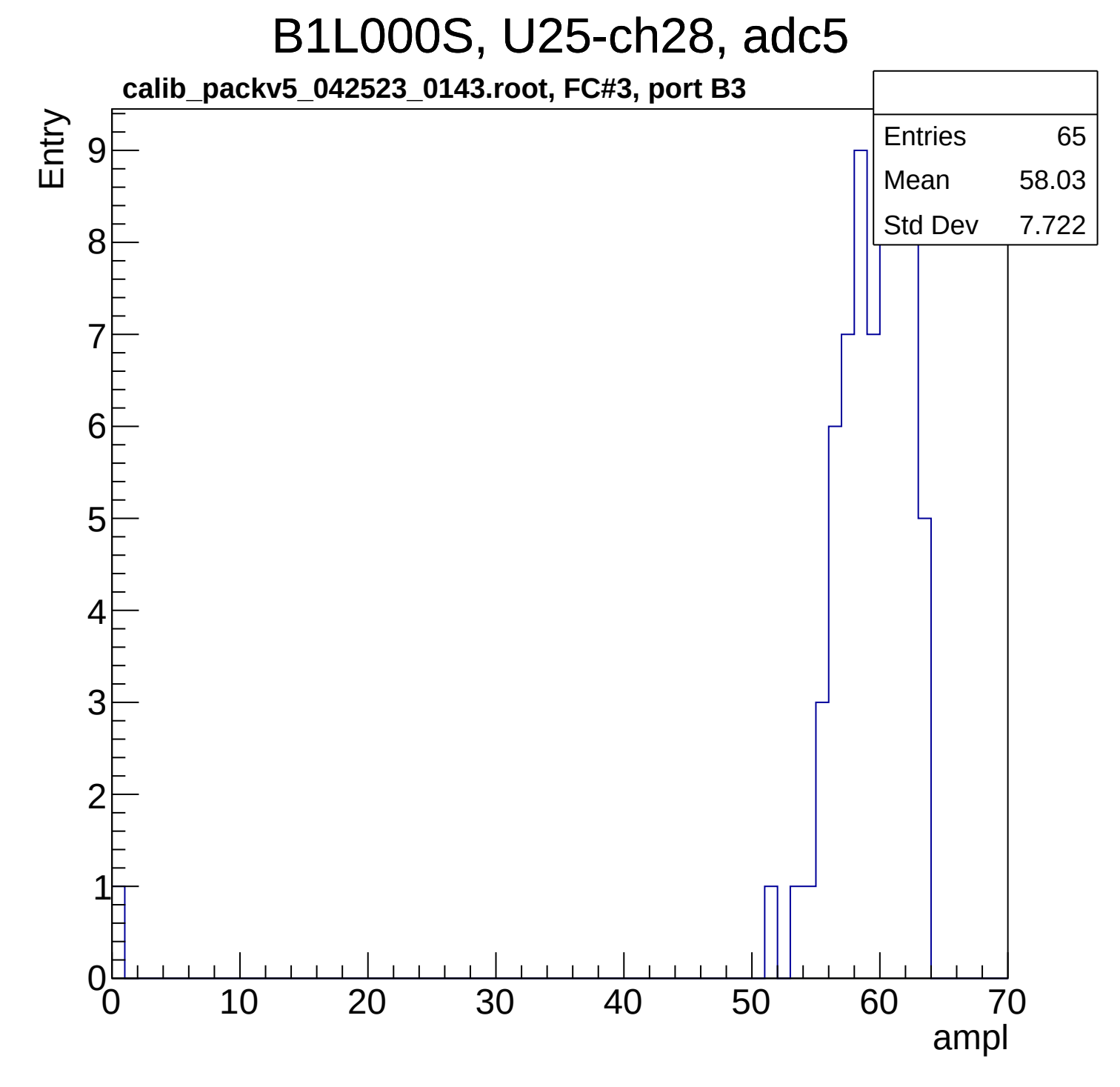
B1L000S, U25-ch28, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 58.03
Std Dev 7.722
Entry
ampl
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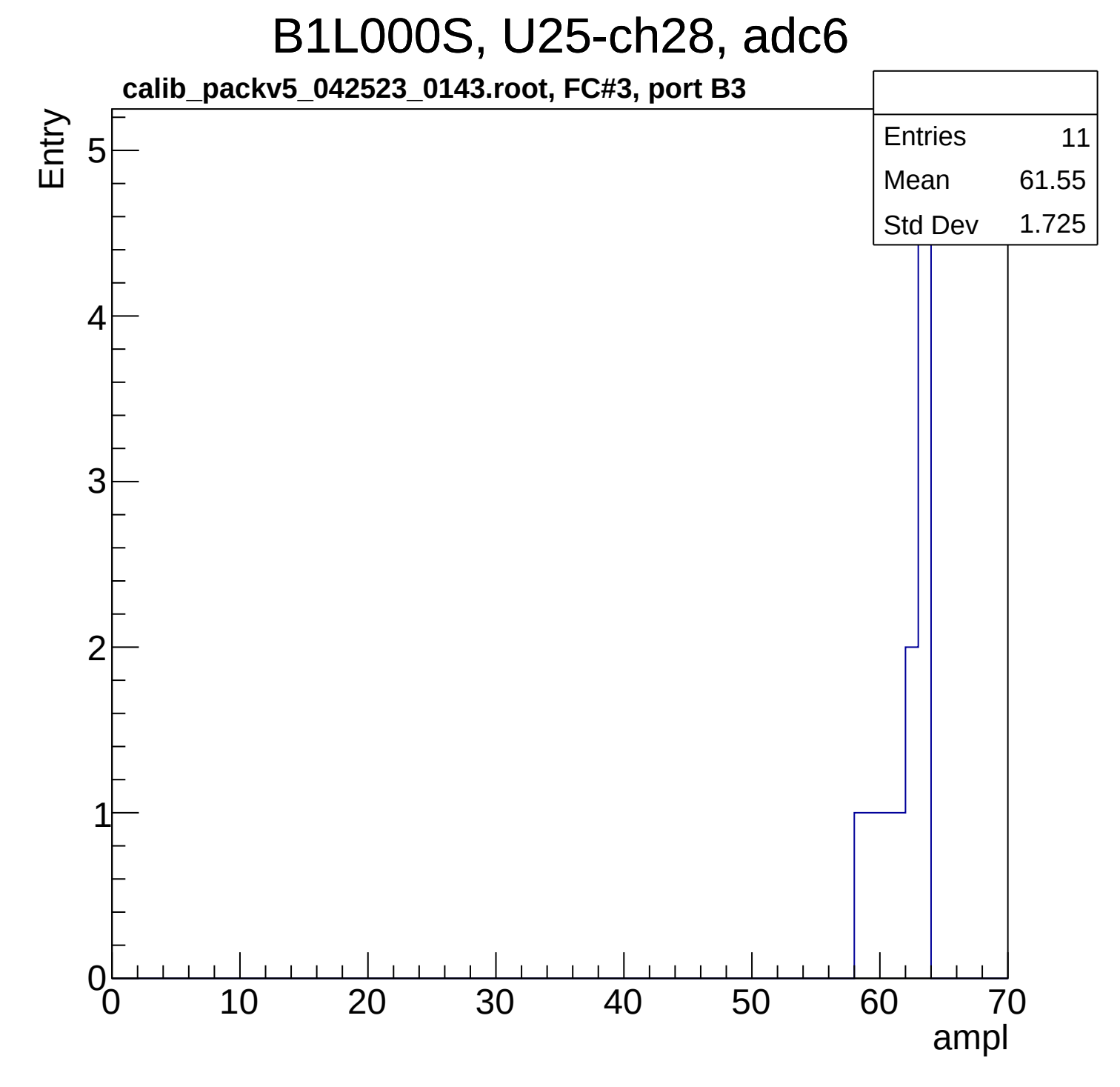
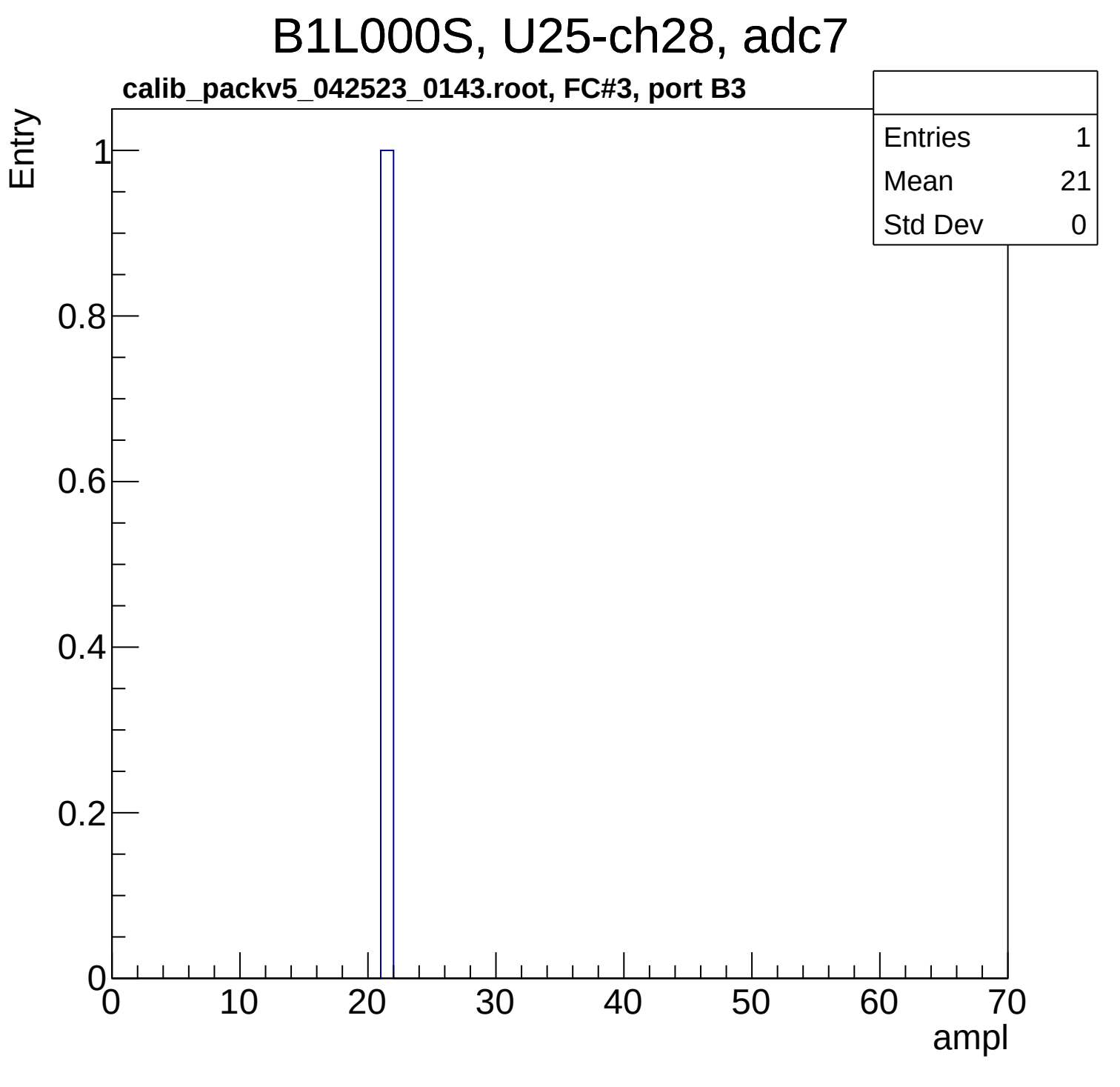
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch28, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 61.55
Std Dev 1.725
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch28, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 21
Std Dev 0
Entry
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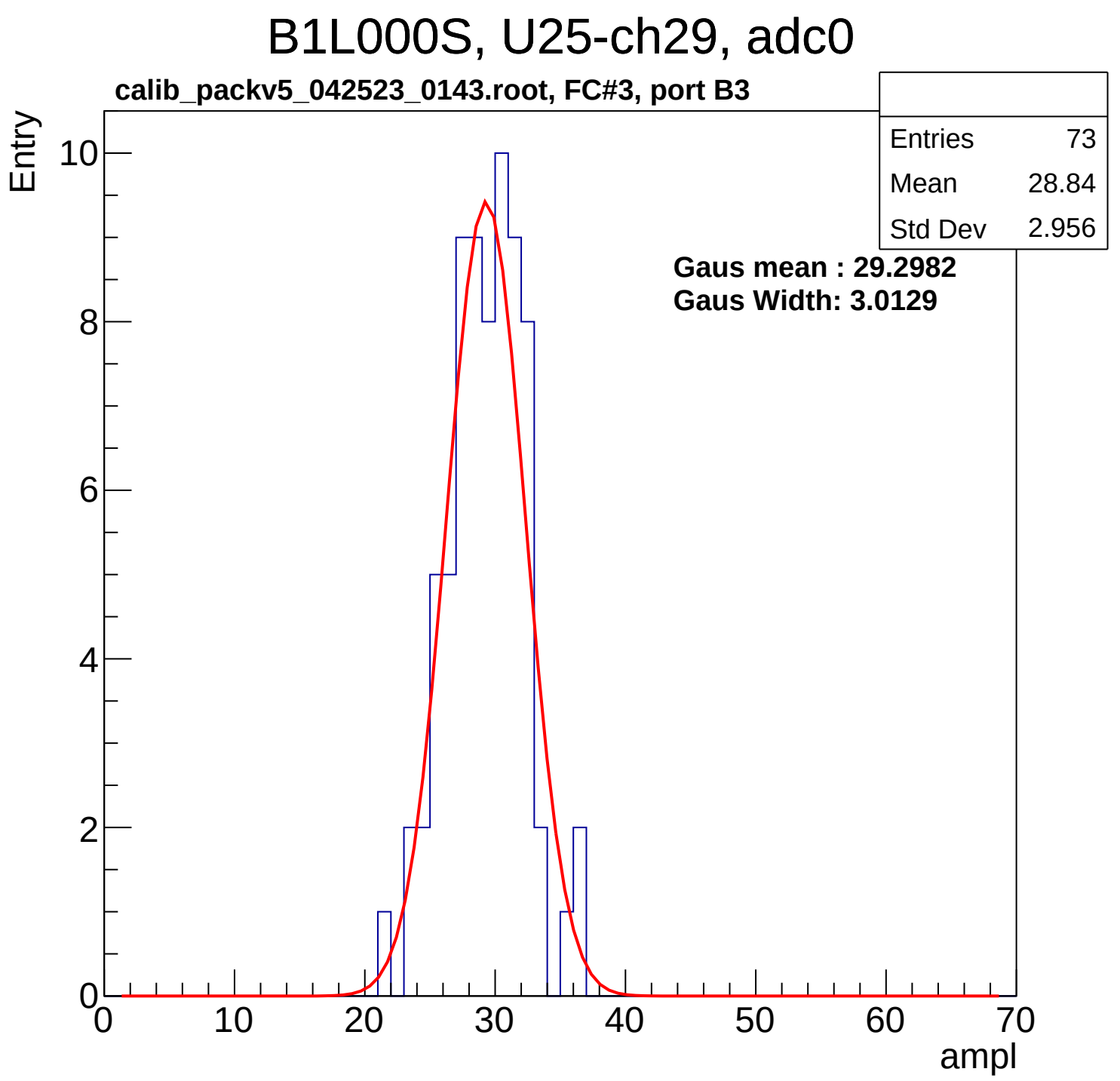
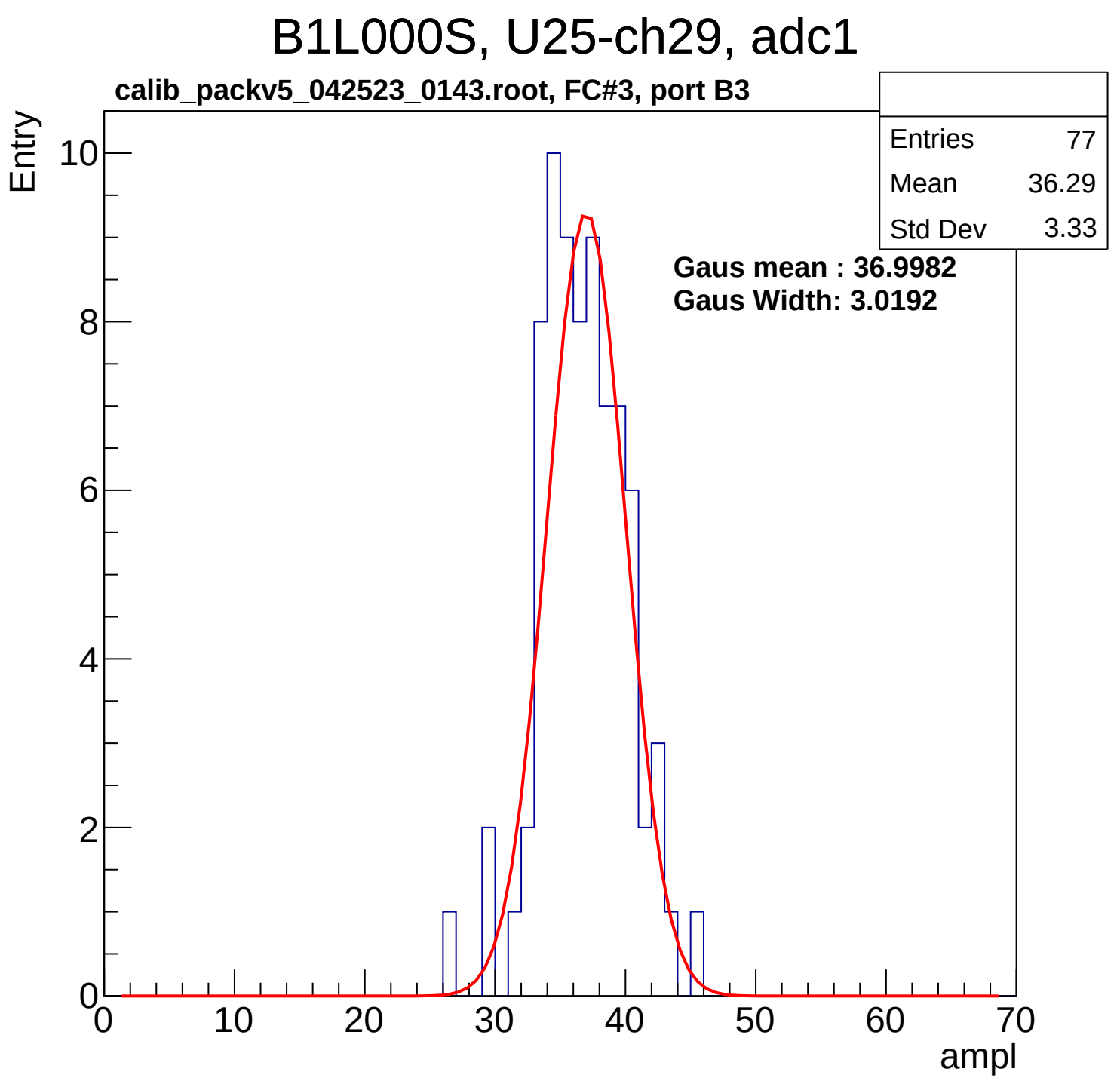
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch29, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 28.84
Std Dev 2.956
Gaus mean : 29.2982
Gaus Width: 3.0129
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch29, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 36.29
Std Dev 3.33
Gaus mean : 36.9982
Gaus Width: 3.0192
Entry
ampl
0
2
4
6
8
10
0
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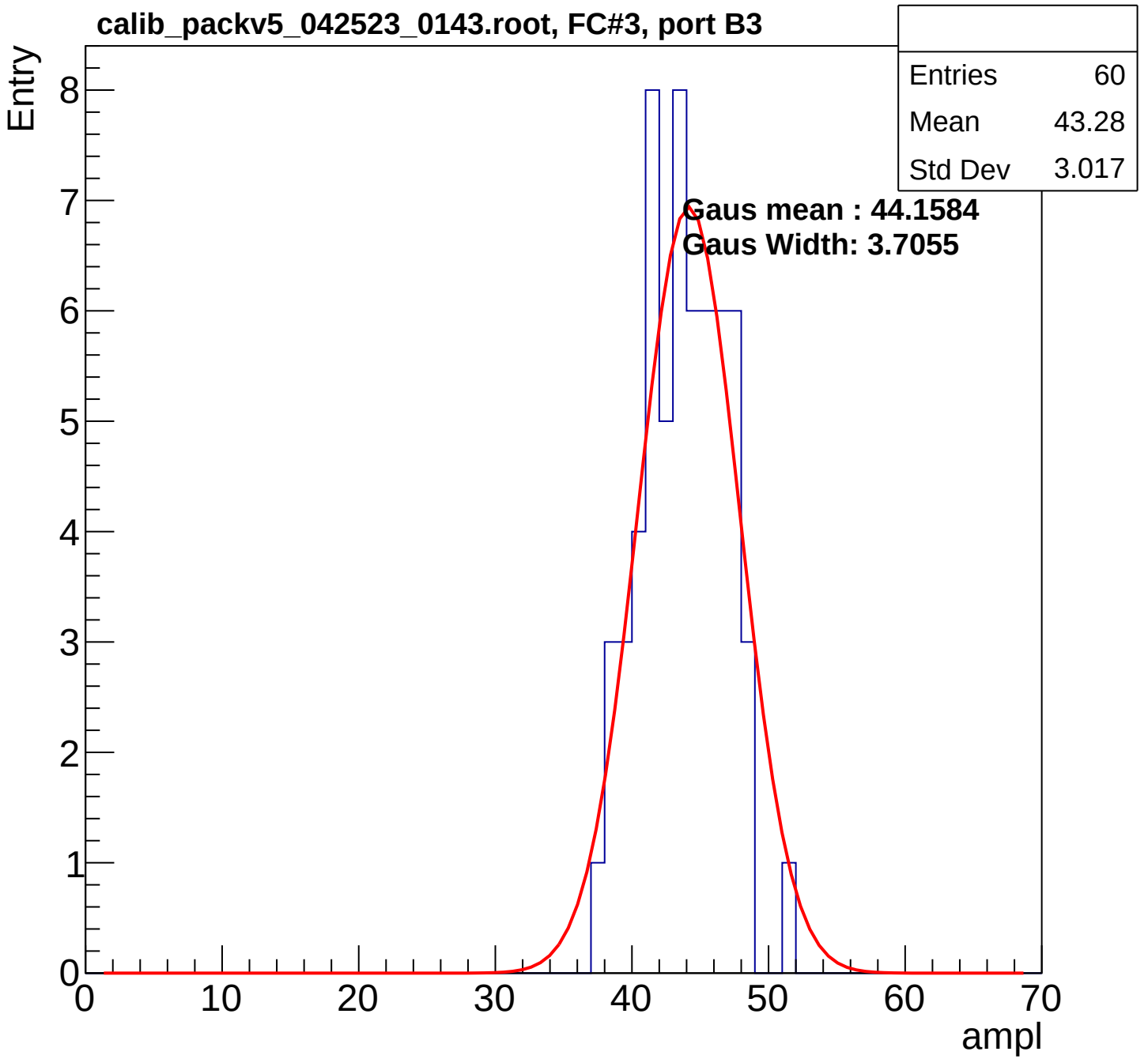
20
30
40
50
60
70


B1L000S, U25-ch29, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 43.28
Std Dev 3.017
Gaus mean : 44.1584
Gaus Width: 3.7055
Entry
ampl
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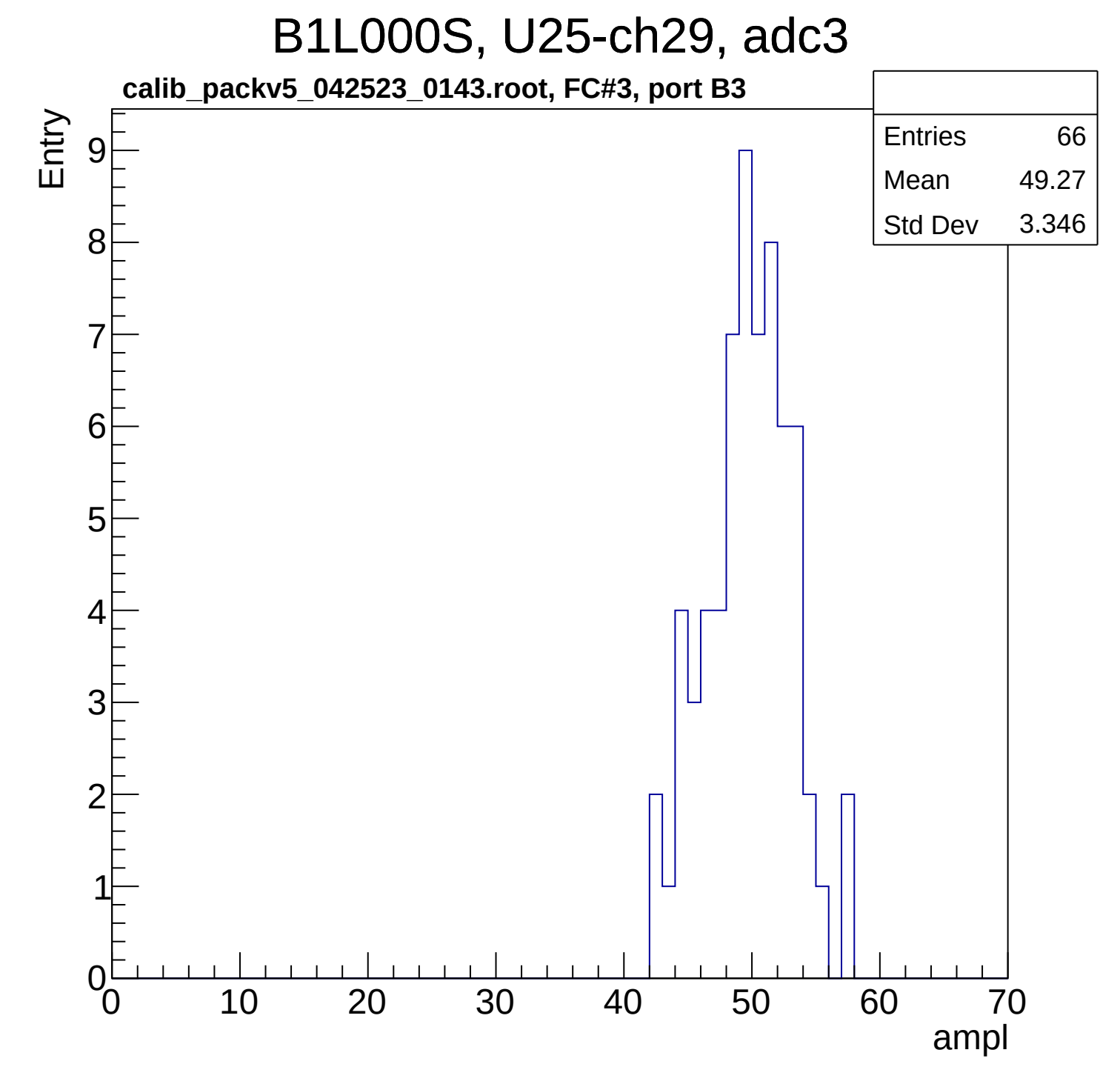
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch29, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 49.27
Std Dev 3.346
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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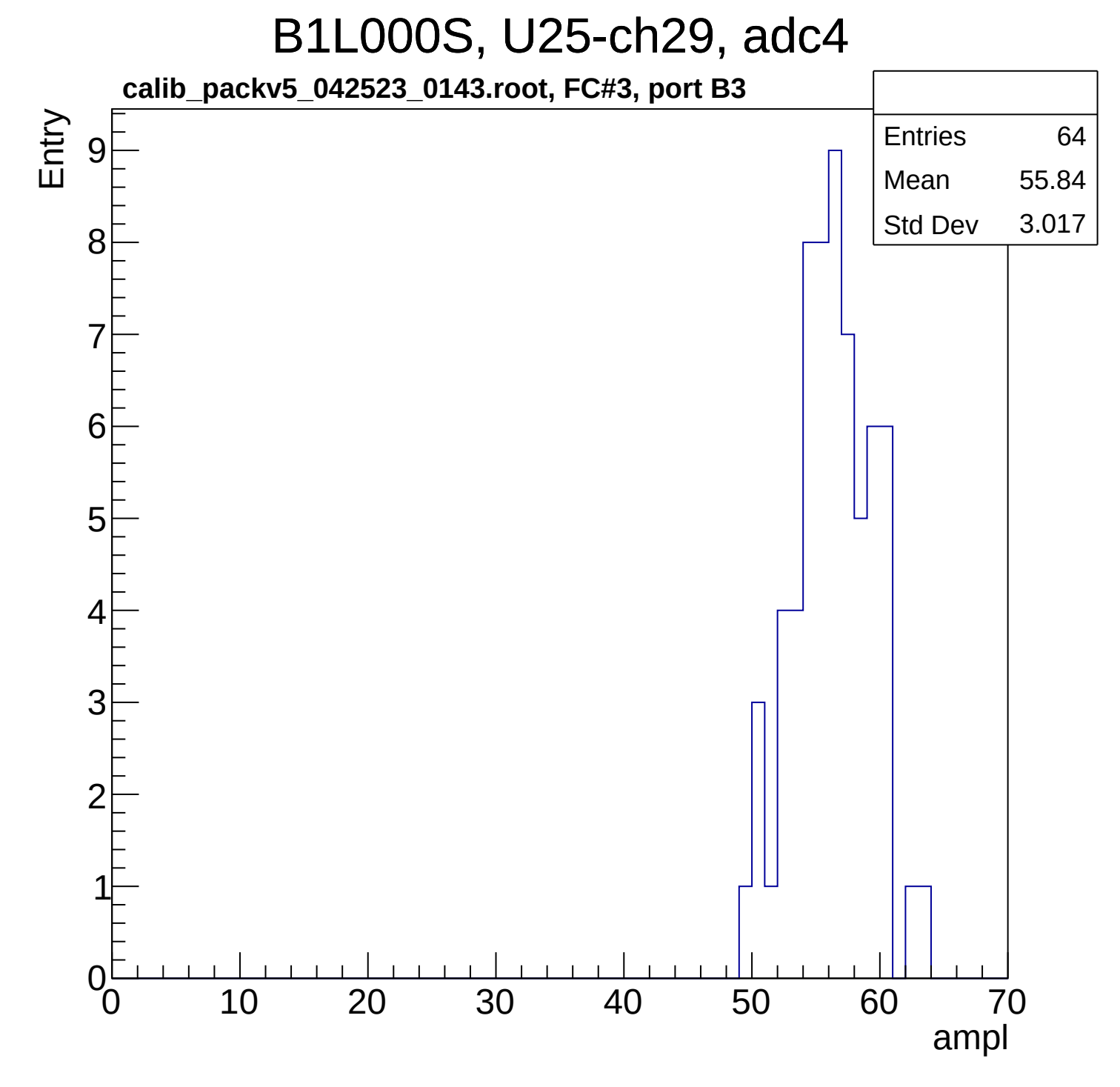
B1L000S, U25-ch29, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 55.84
Std Dev 3.017
Entry
ampl
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3
4
5
6
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8
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0
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40
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60
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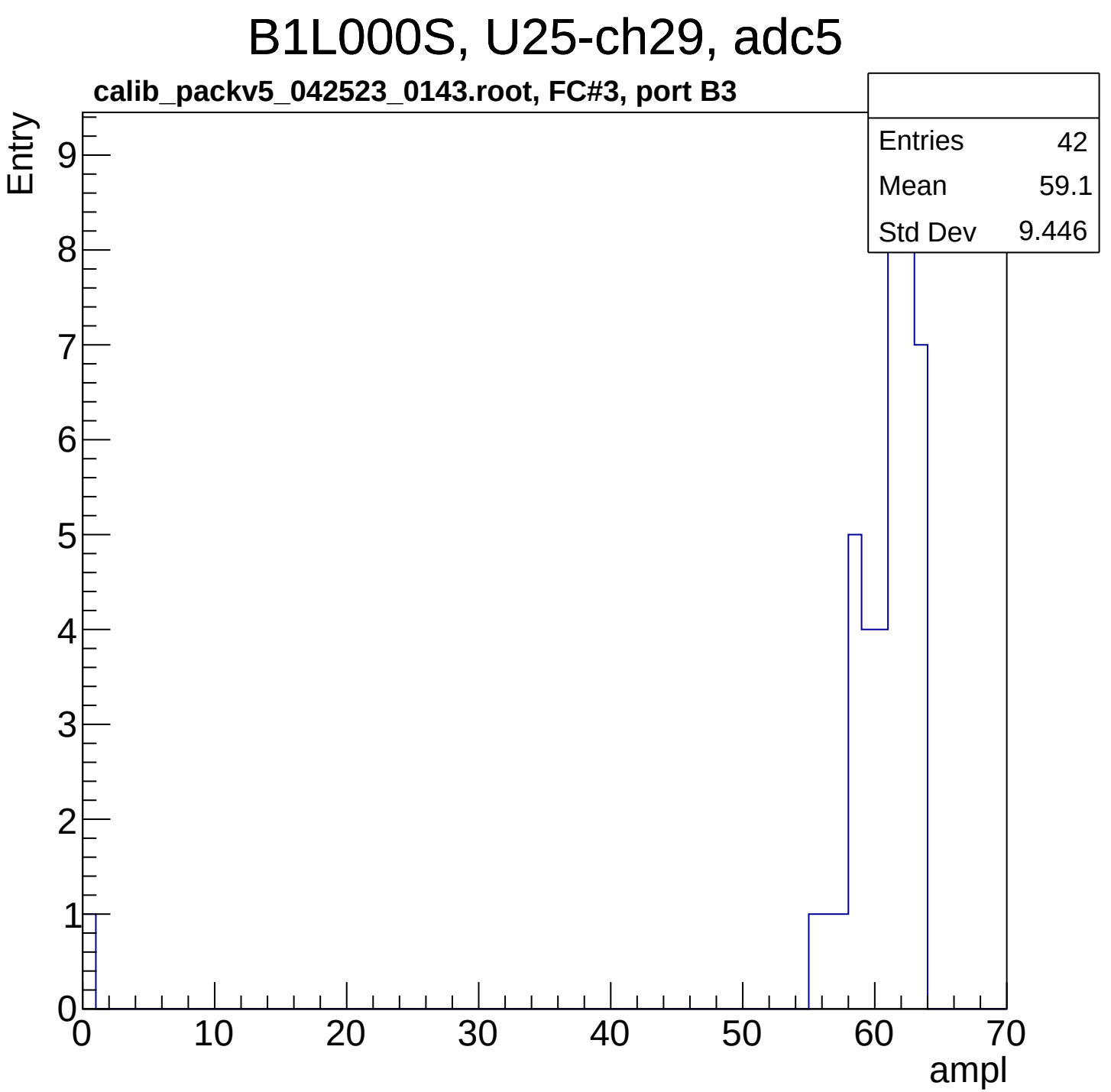
B1L000S, U25-ch29, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 59.1
Std Dev 9.446
Entry
ampl
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3
4
5
6
7
8
9
0
10
20
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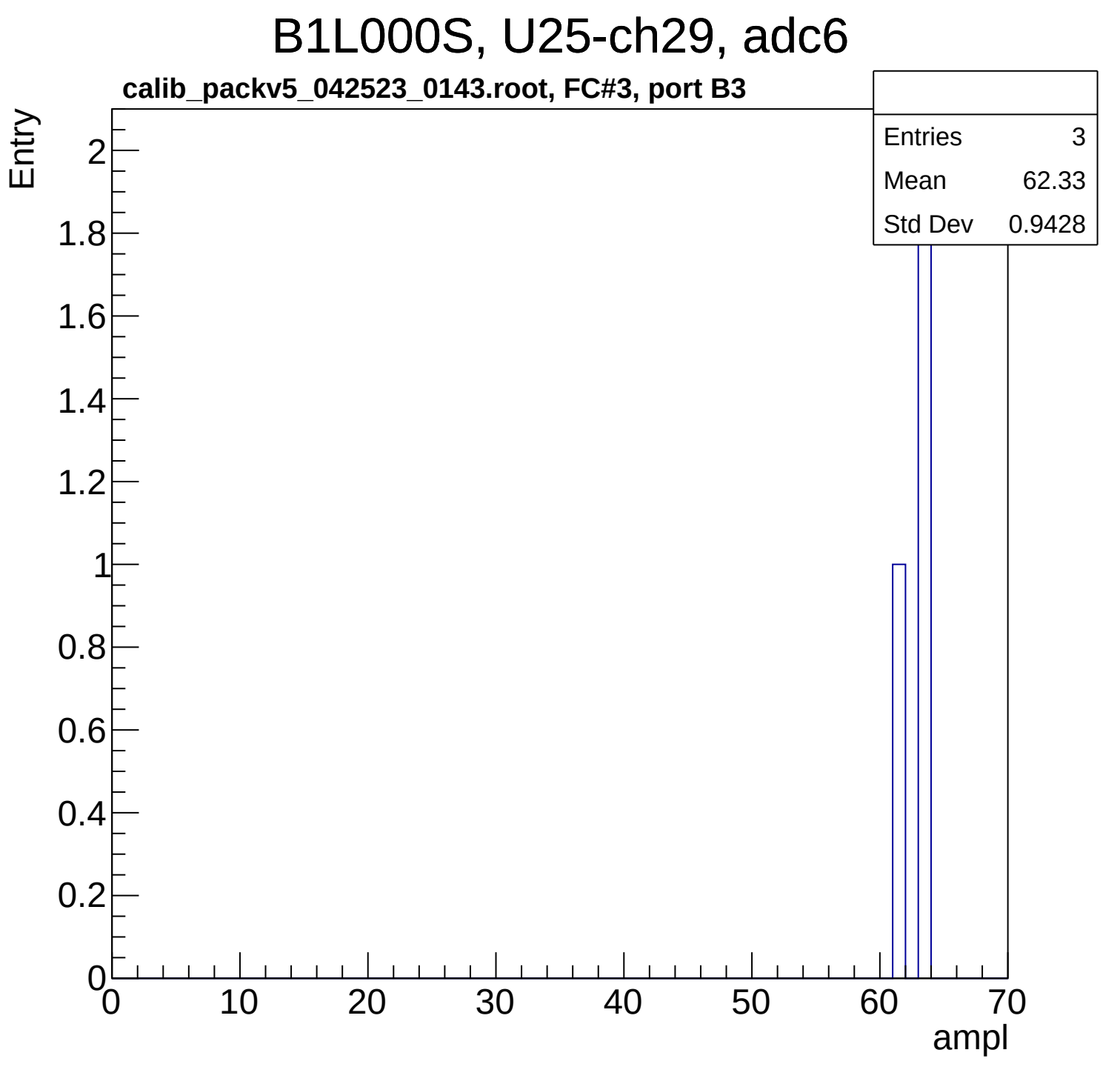
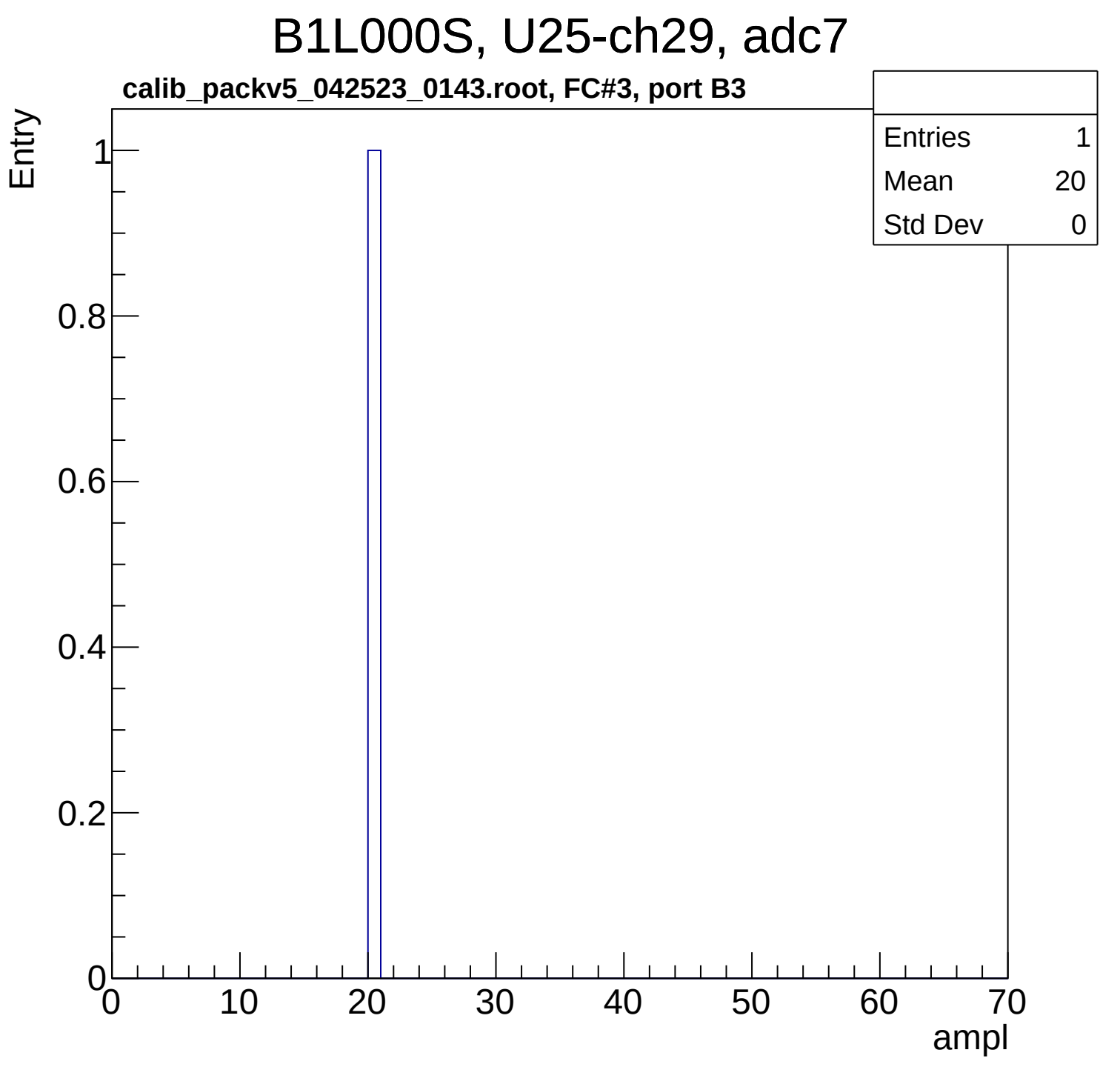
40
50
60
70


B1L000S, U25-ch29, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 62.33
Std Dev 0.9428
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, U25-ch29, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 20
Std Dev 0
Entry
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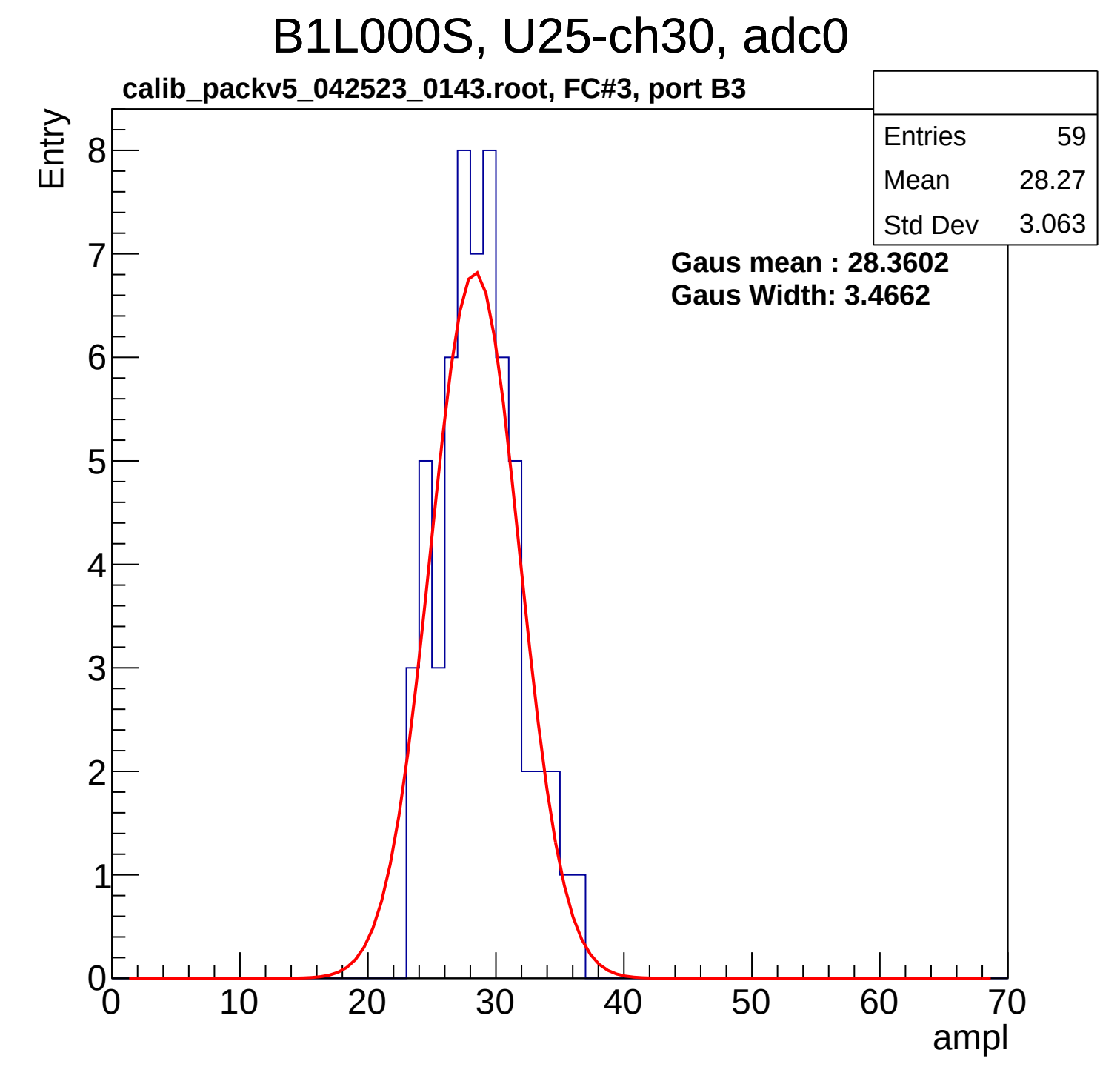
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch30, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 28.27
Std Dev 3.063
Gaus mean : 28.3602
Gaus Width: 3.4662
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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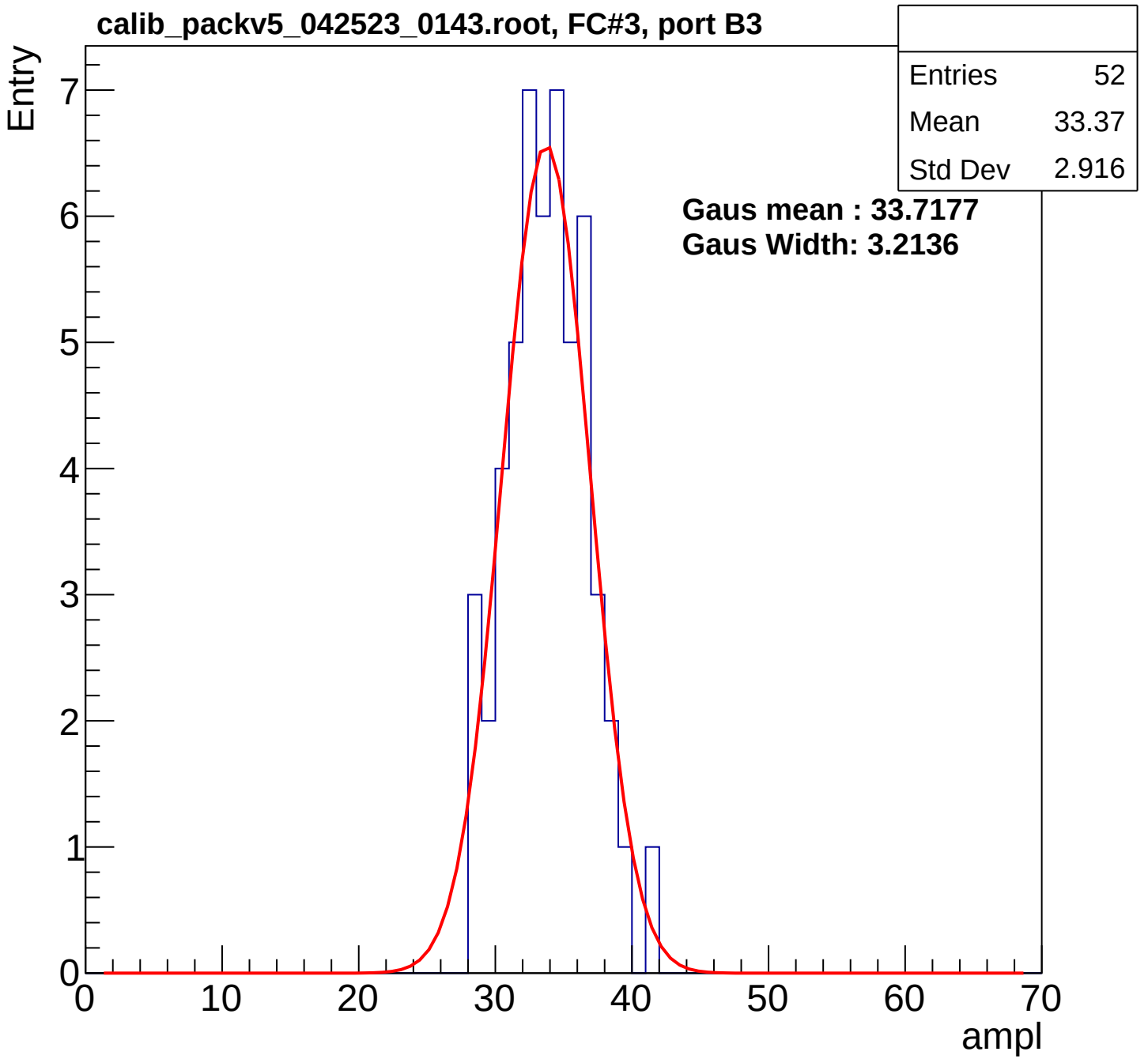
20
30
40
50
60
70


B1L000S, U25-ch30, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 33.37
Std Dev 2.916
Gaus mean : 33.7177
Gaus Width: 3.2136
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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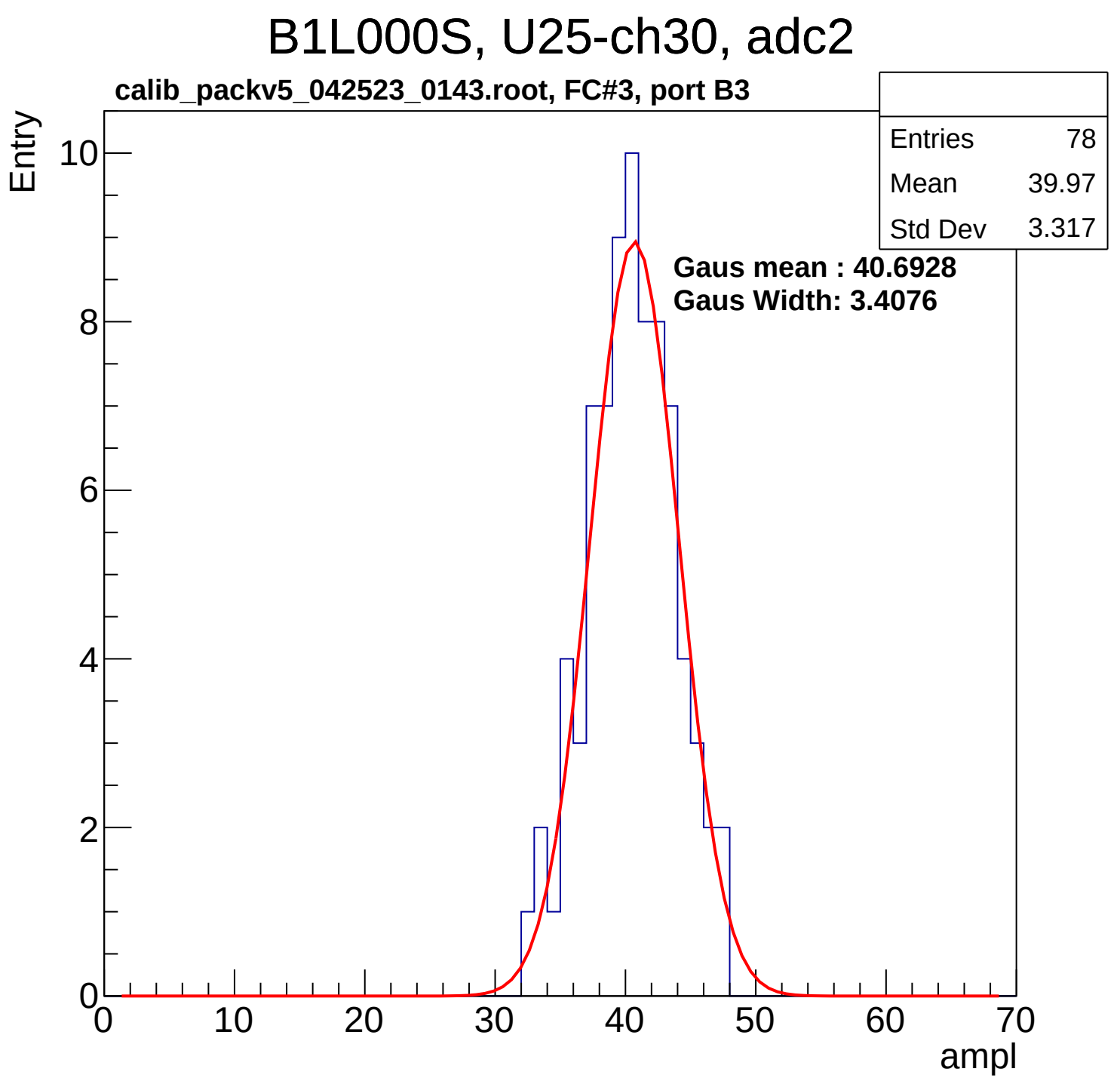
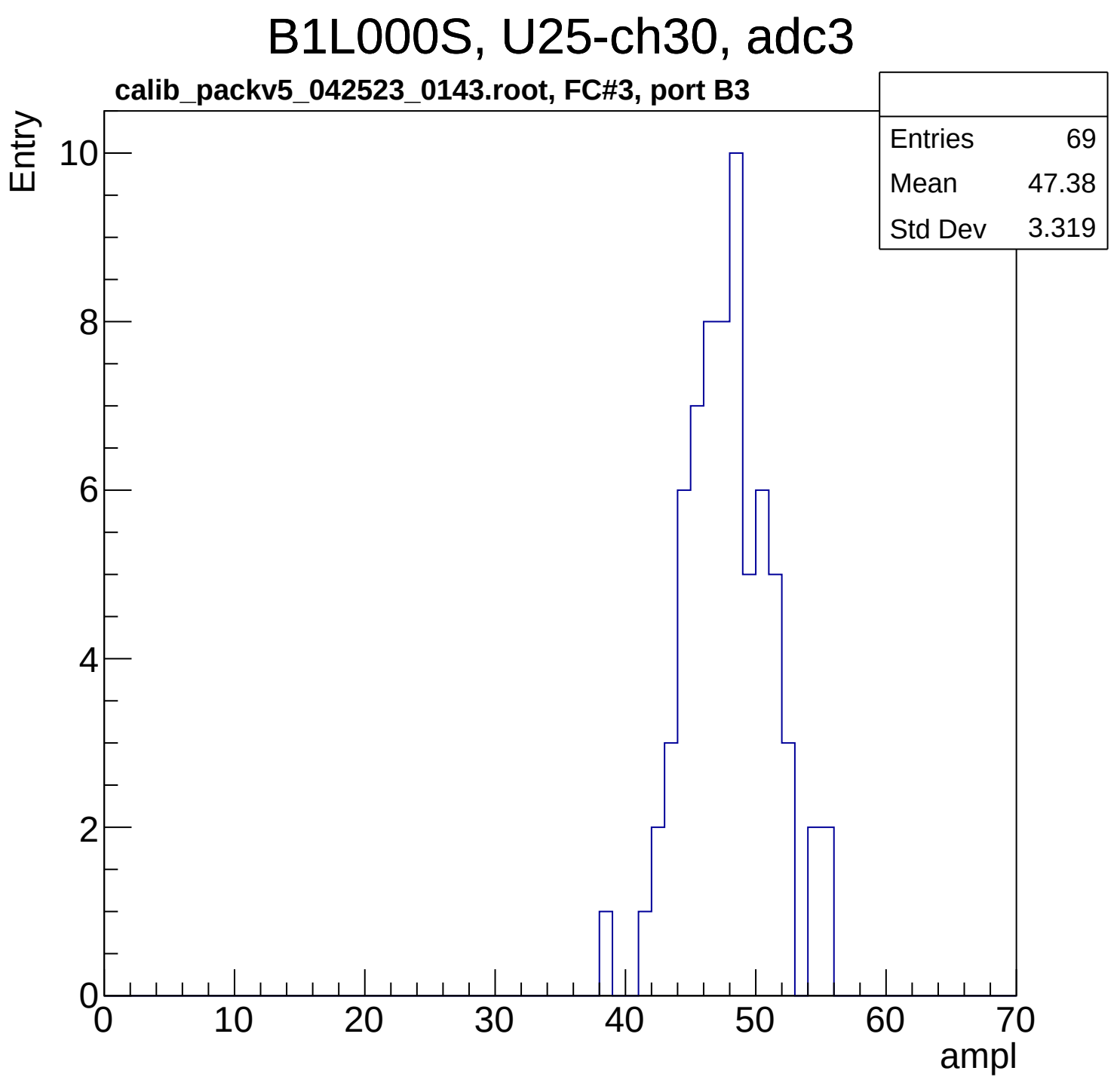

B1L000S, U25-ch30, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 39.97
Std Dev 3.317
Gaus mean : 40.6928
Gaus Width: 3.4076
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch30, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 47.38
Std Dev 3.319
Entry
ampl
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2
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10
0
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20
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40
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60
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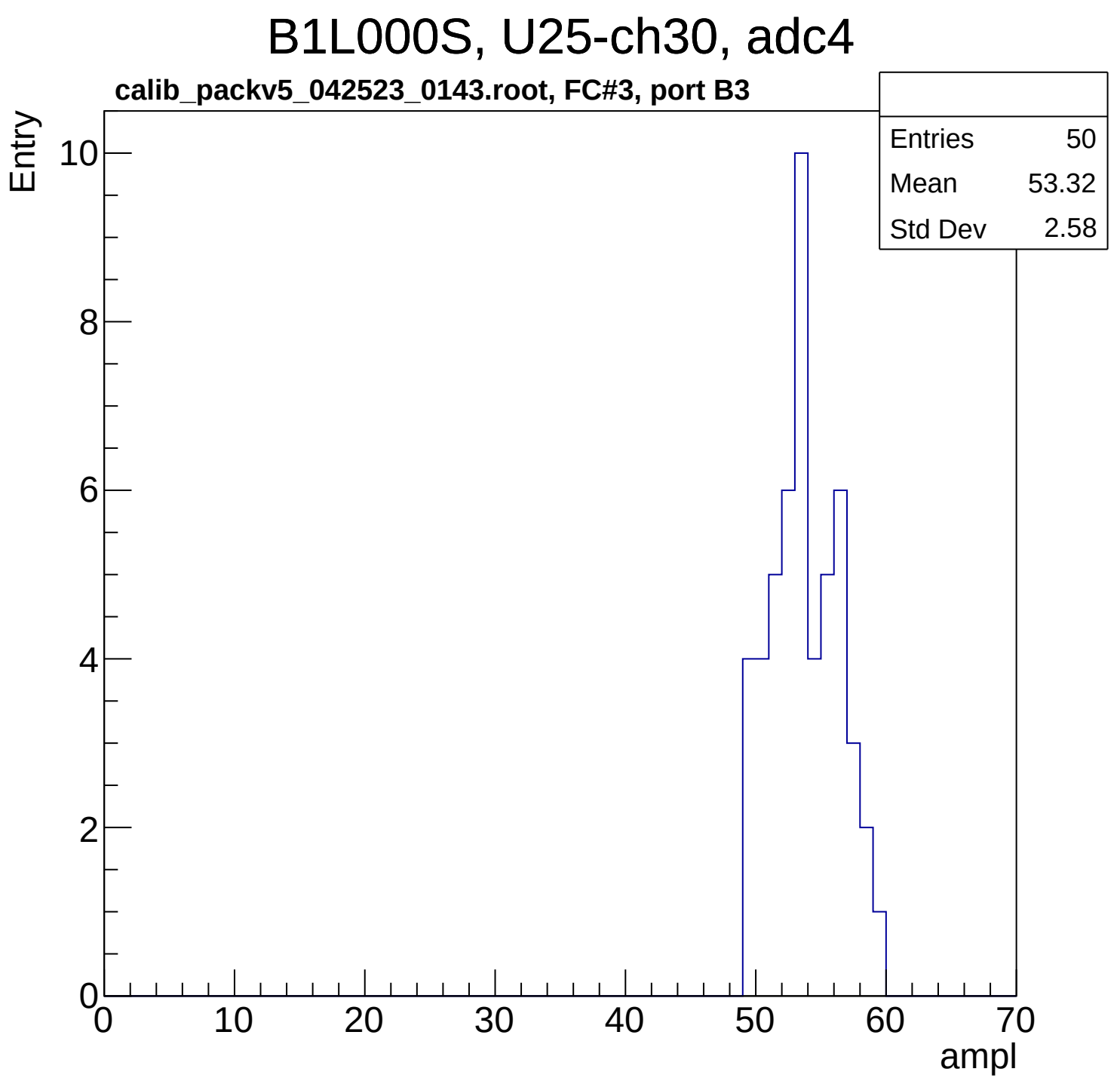
B1L000S, U25-ch30, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 53.32
Std Dev 2.58
Entry
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4
6
8
10
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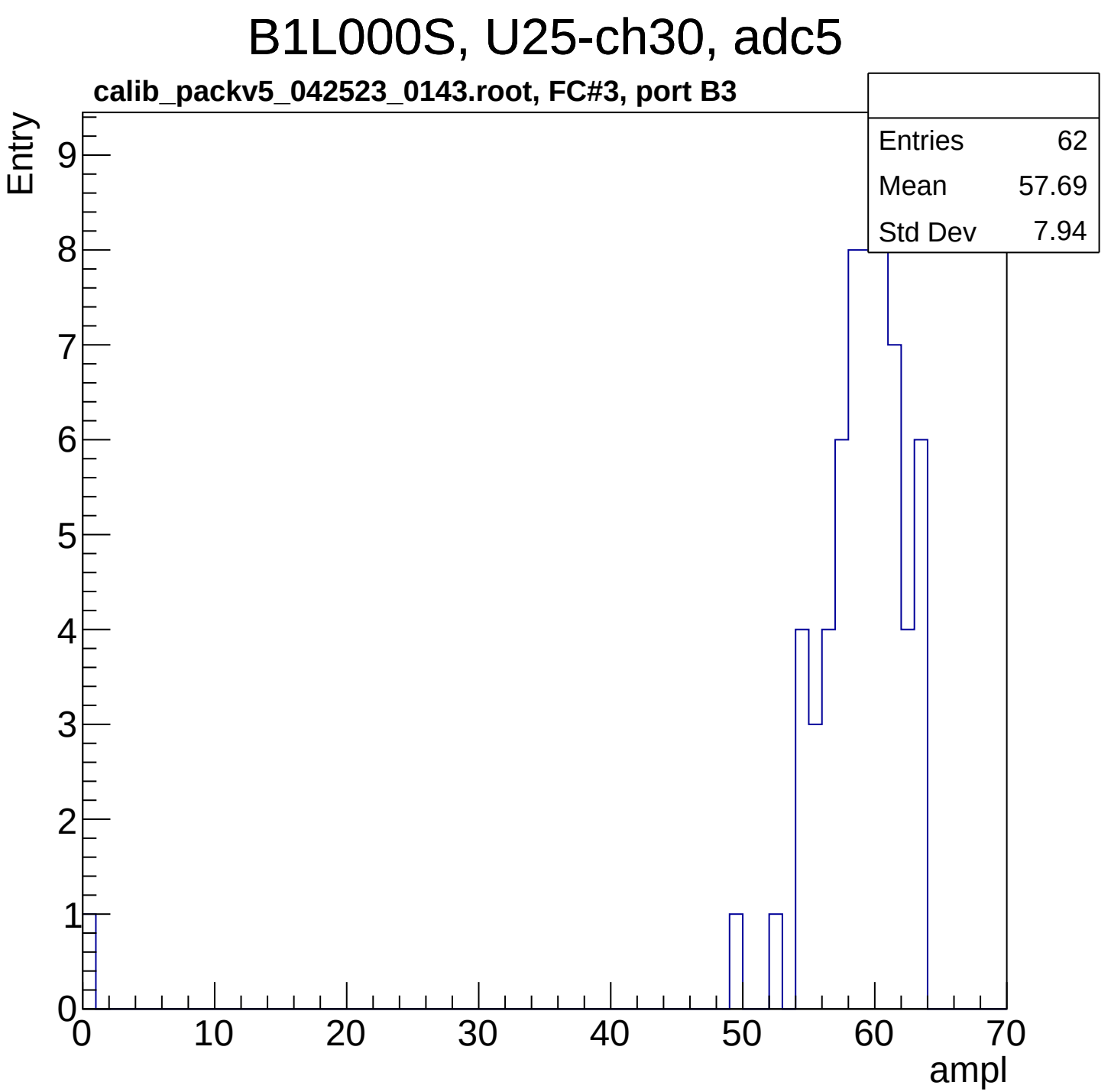
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch30, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 57.69
Std Dev 7.94
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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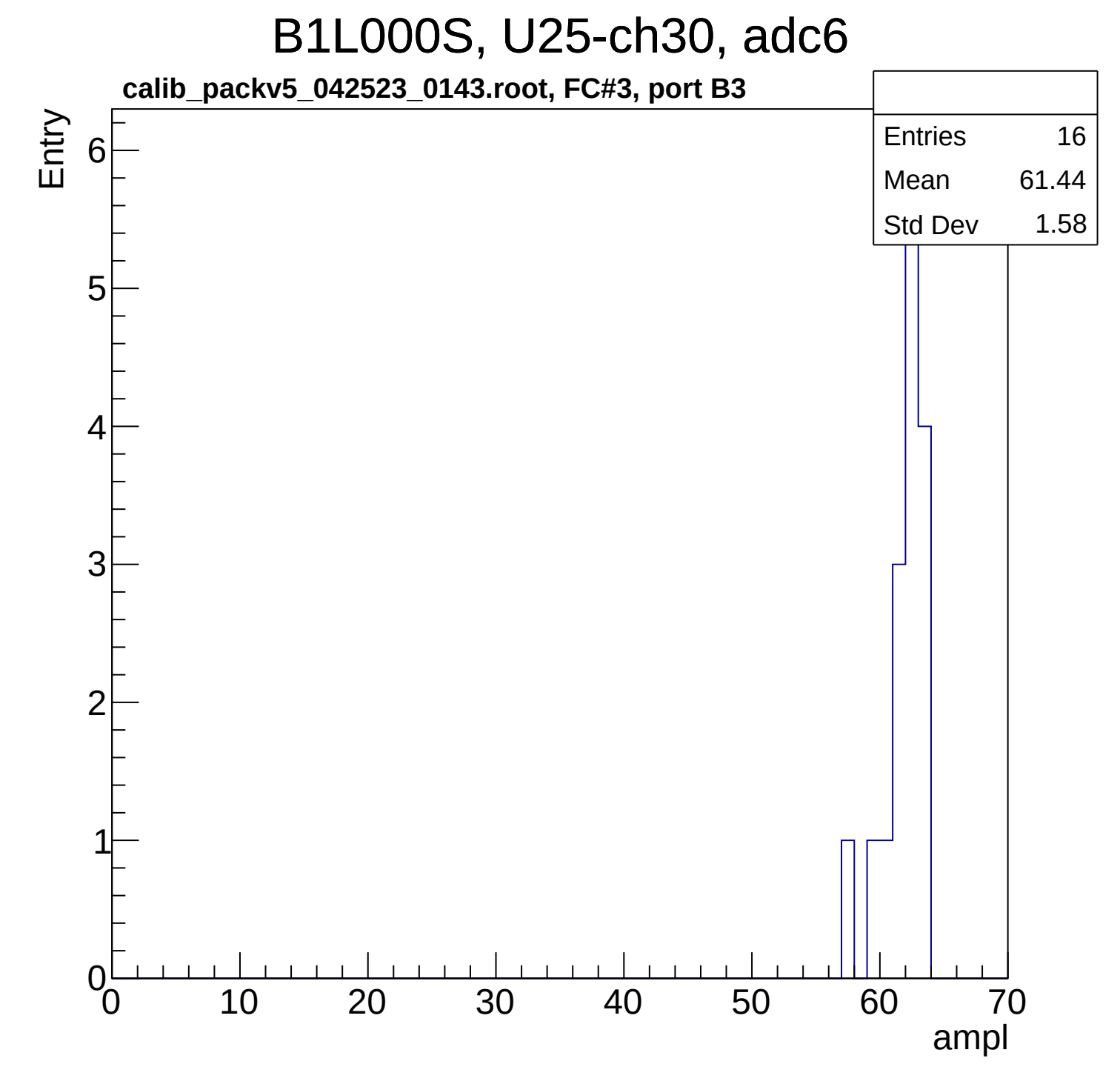
B1L000S, U25-ch30, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 61.44
Std Dev 1.58
Entry
ampl
0
1
2
3
4
5
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0
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60
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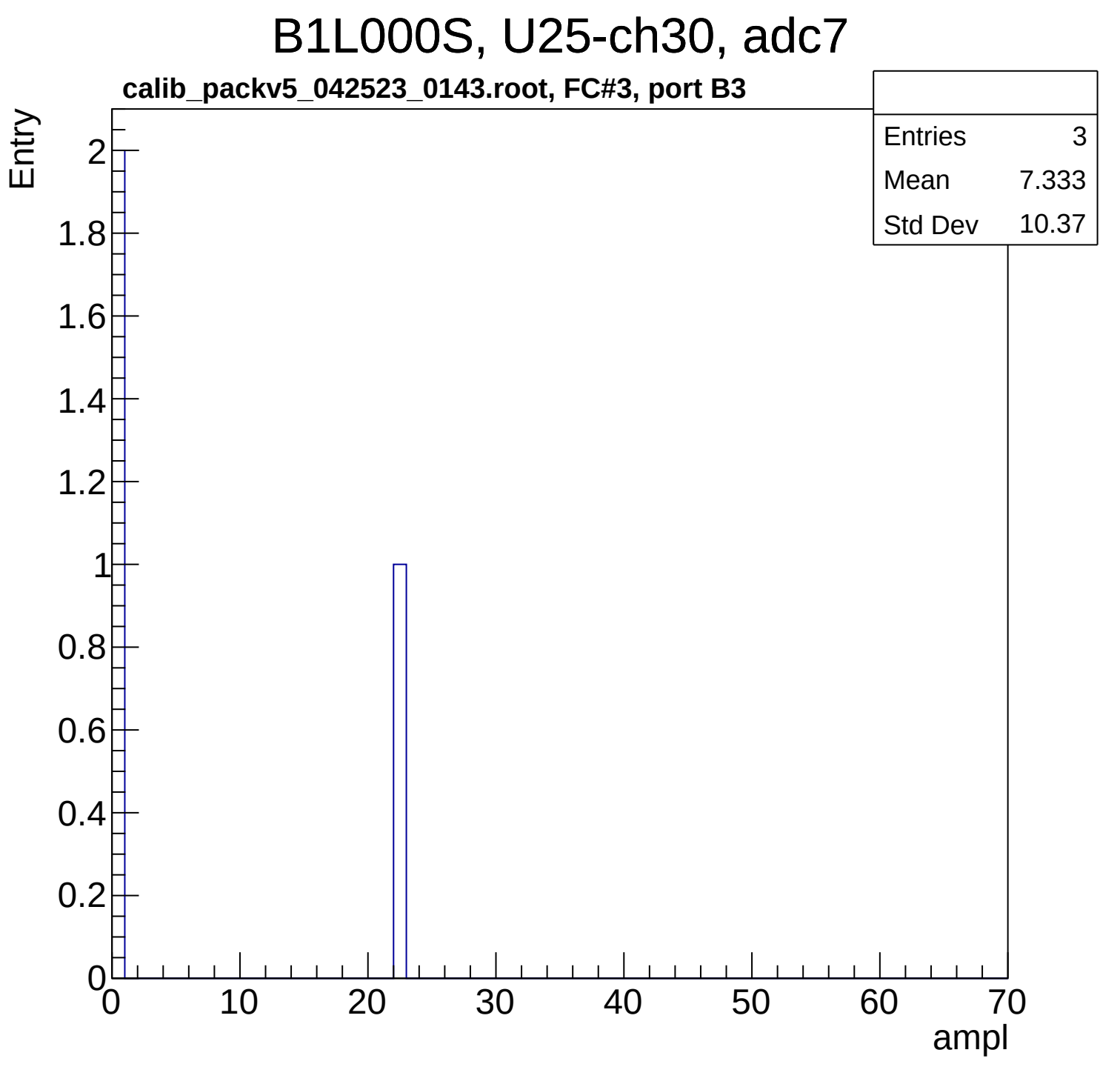
B1L000S, U25-ch30, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 7.333
Std Dev 10.37
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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40
50
60
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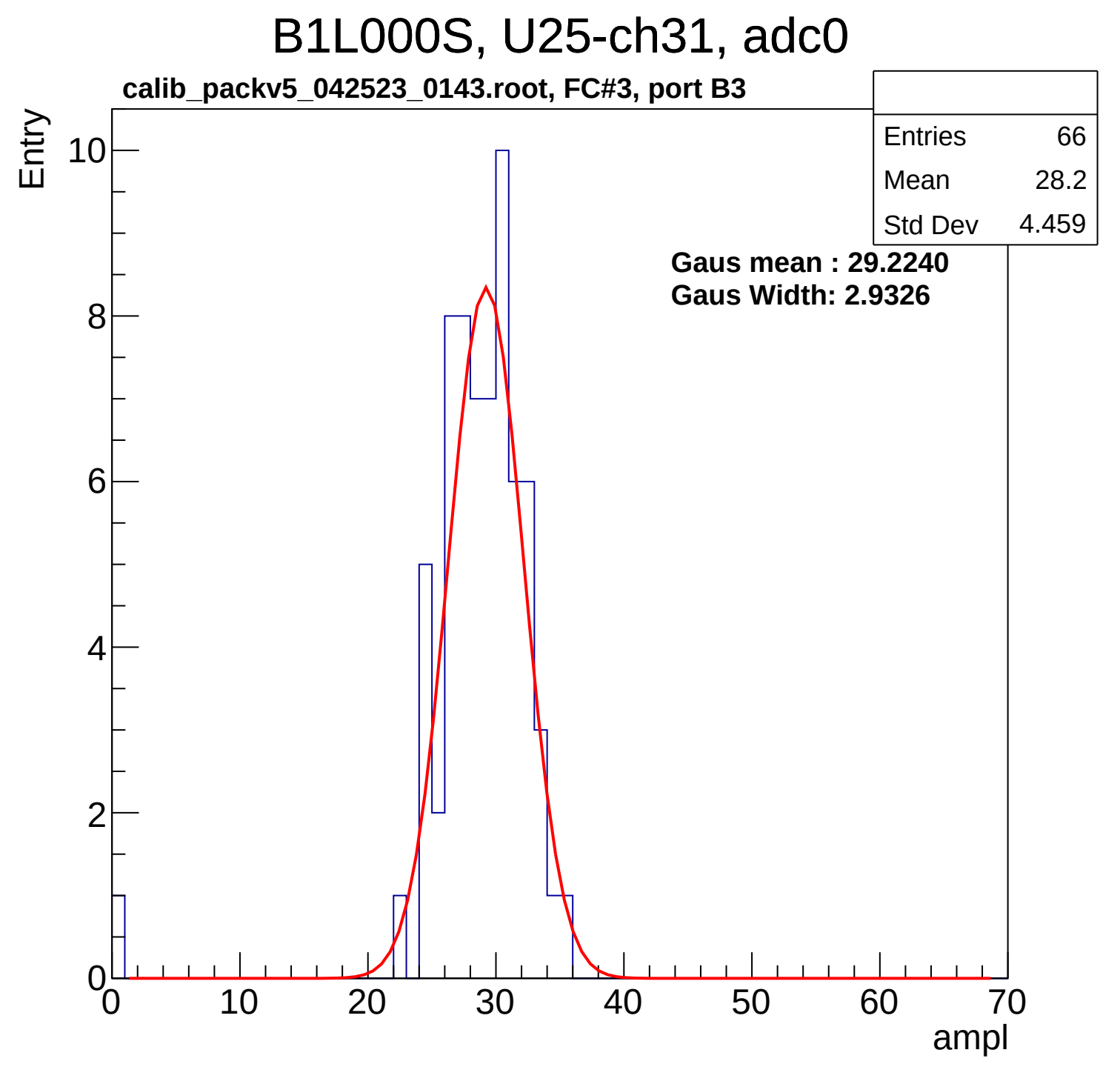
B1L000S, U25-ch31, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 28.2
Std Dev 4.459
Gaus mean : 29.2240
Gaus Width: 2.9326
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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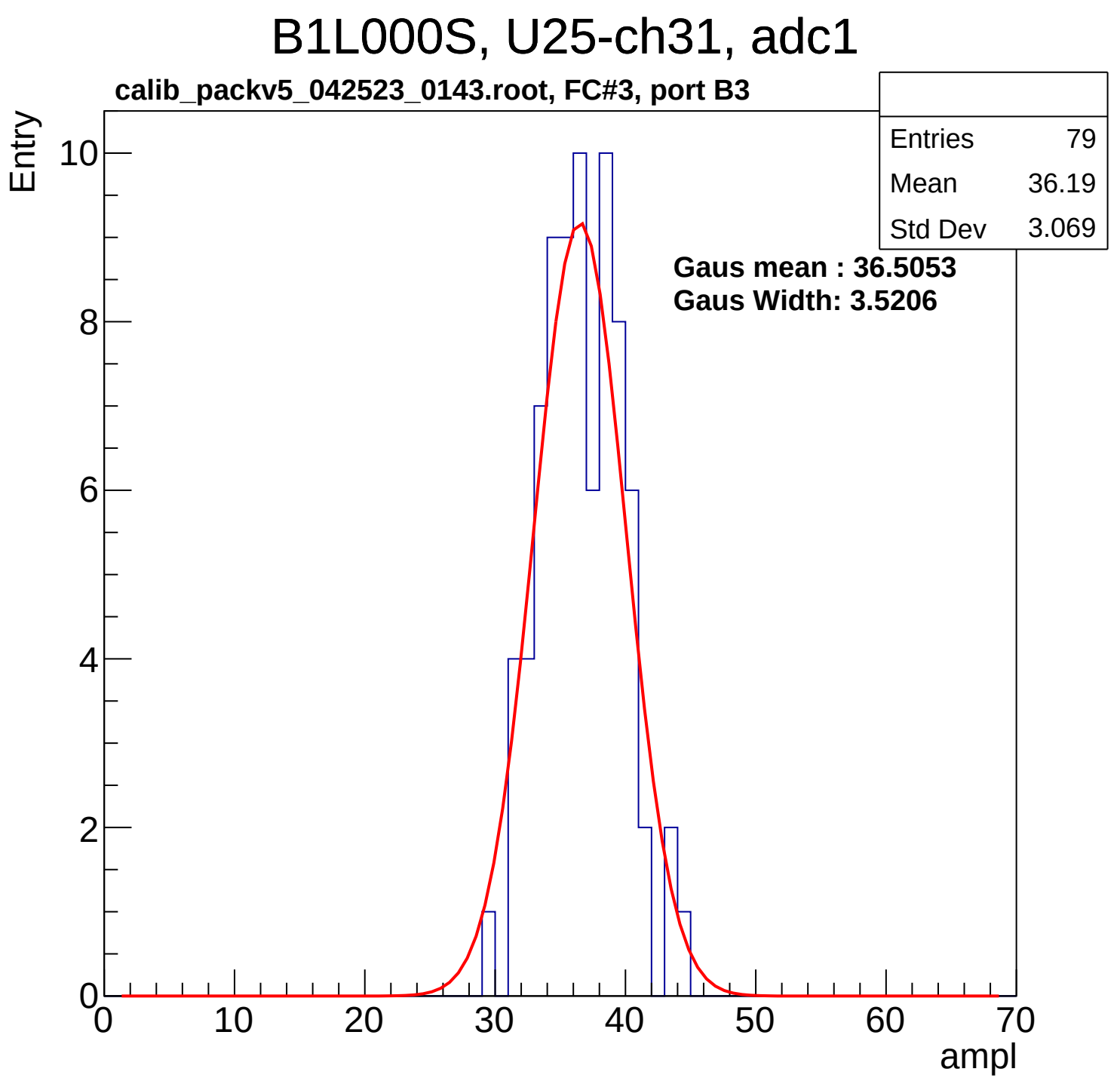
B1L000S, U25-ch31, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 36.19
Std Dev 3.069
Gaus mean : 36.5053
Gaus Width: 3.5206
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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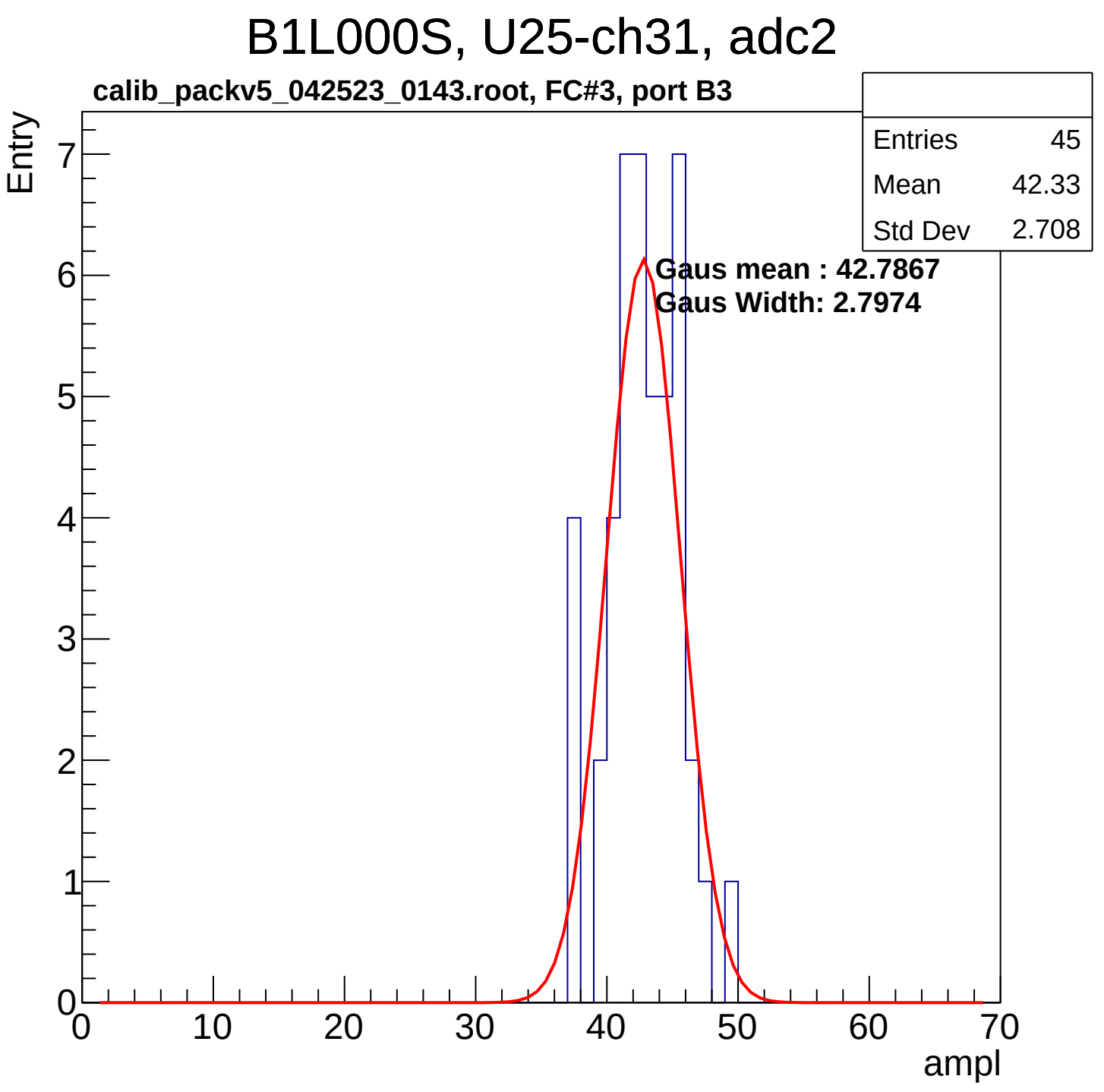
B1L000S, U25-ch31, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 42.33
Std Dev 2.708
Gaus mean : 42.7867
Gaus Width: 2.7974
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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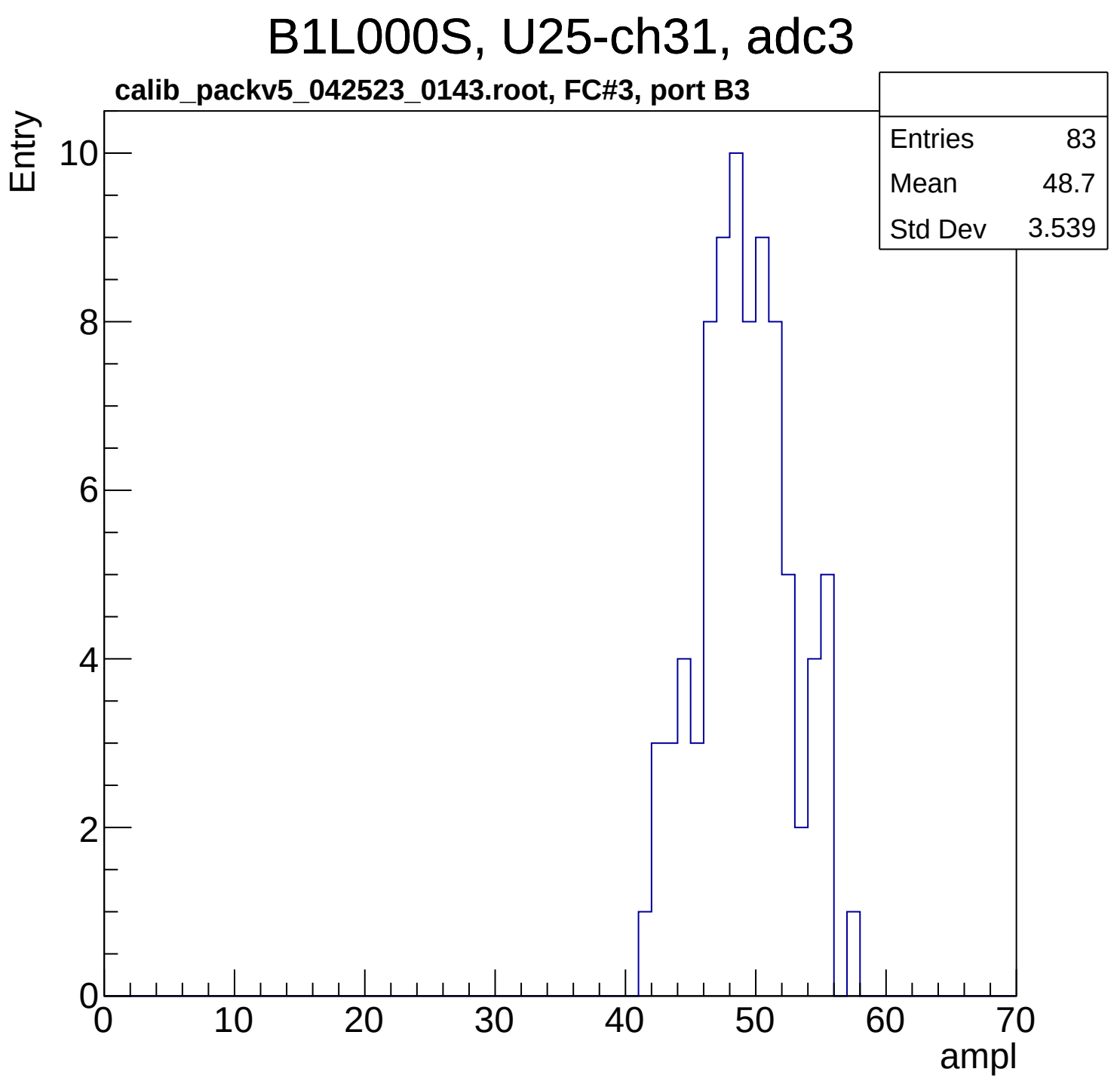
B1L000S, U25-ch31, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 83
Mean 48.7
Std Dev 3.539
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
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60
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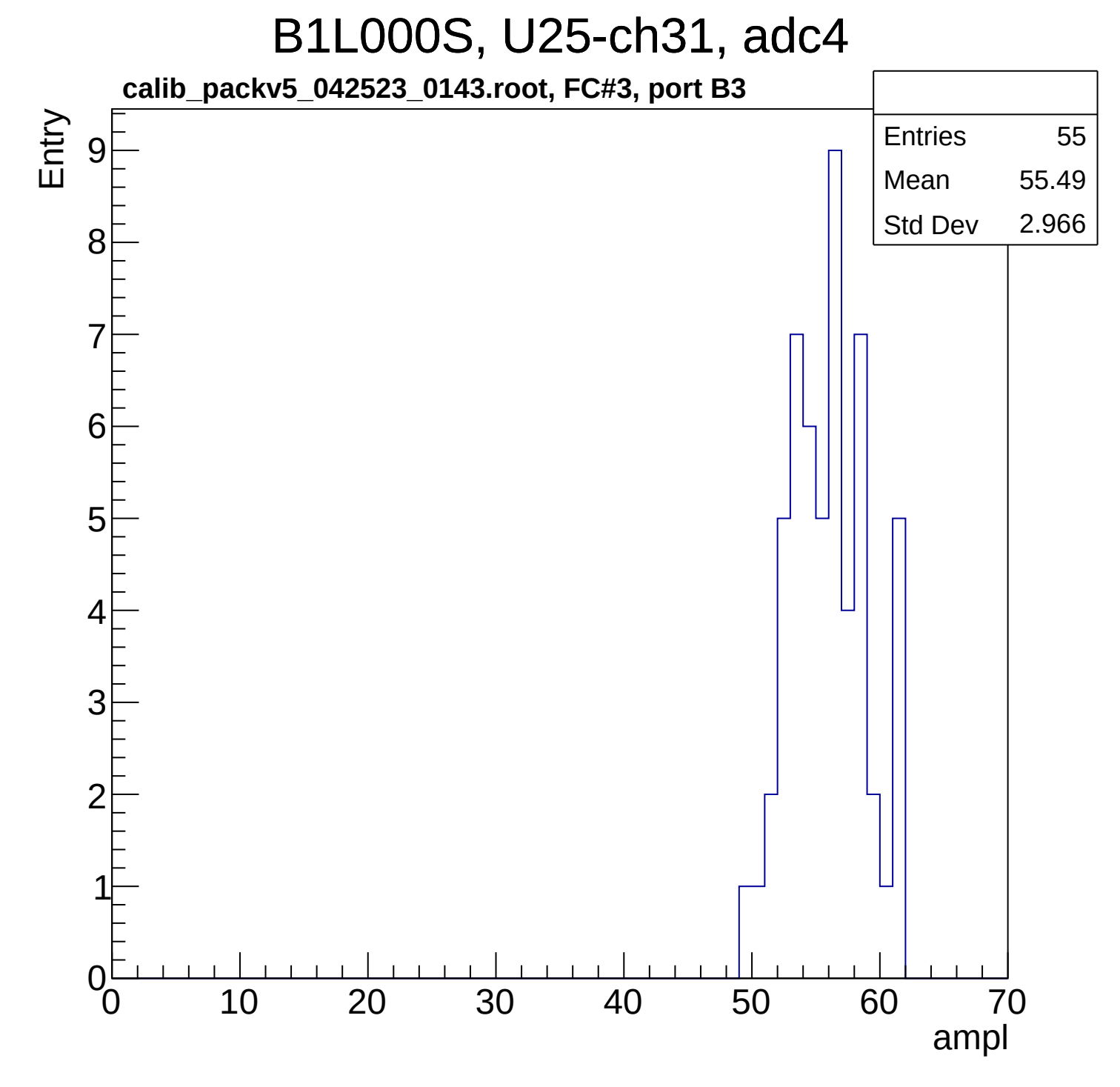
B1L000S, U25-ch31, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 55.49
Std Dev 2.966
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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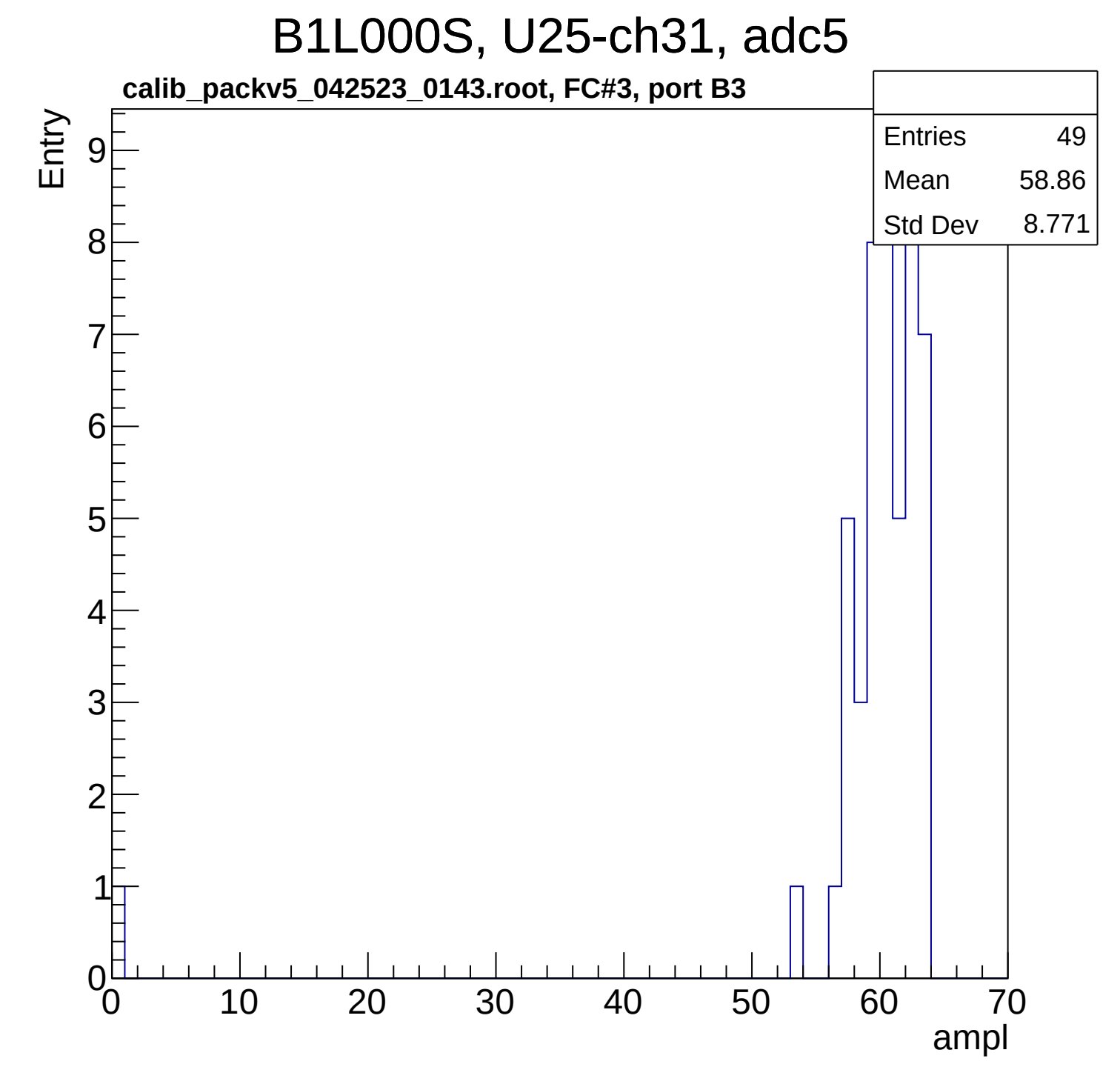
B1L000S, U25-ch31, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 58.86
Std Dev 8.771
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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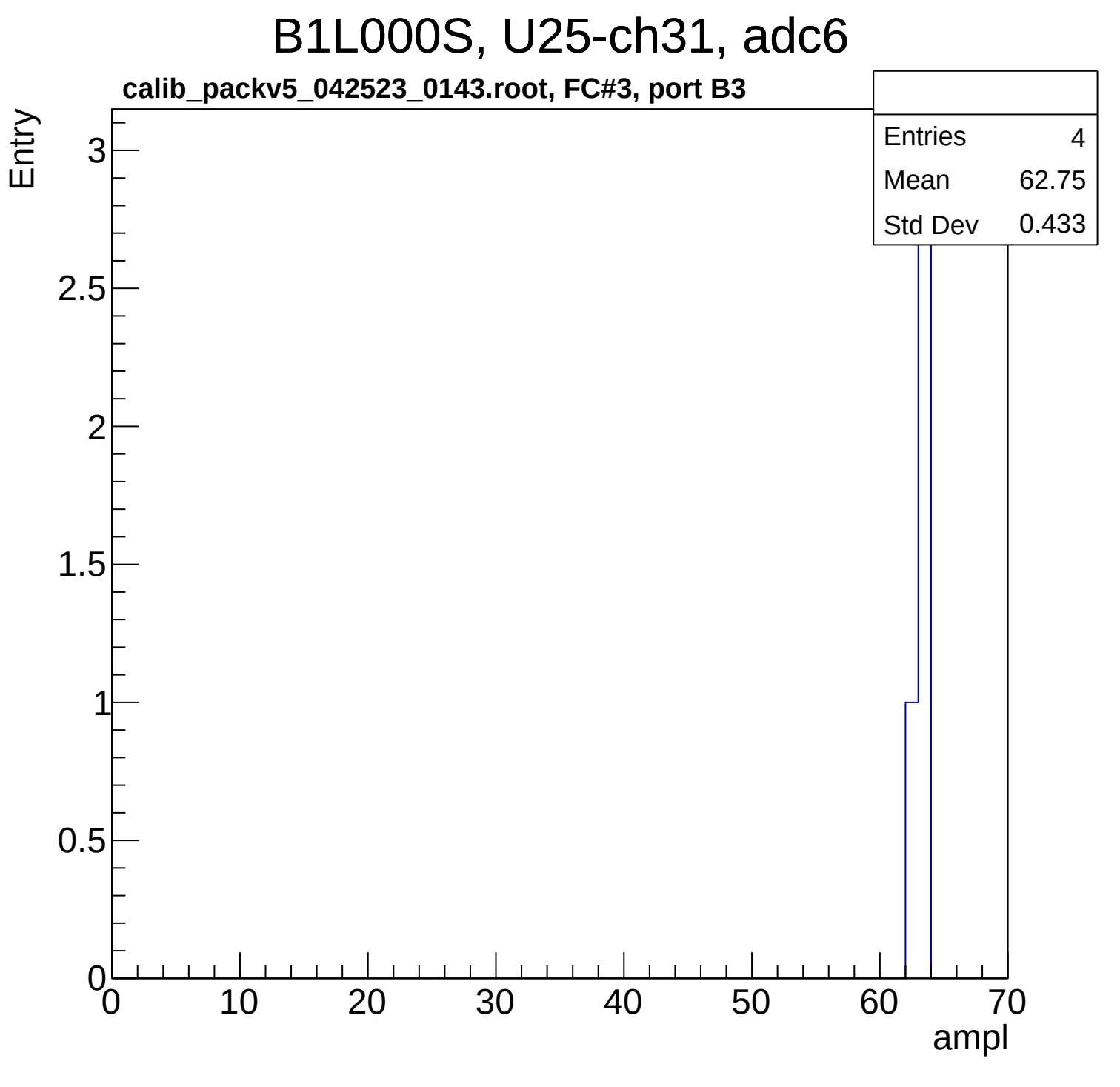
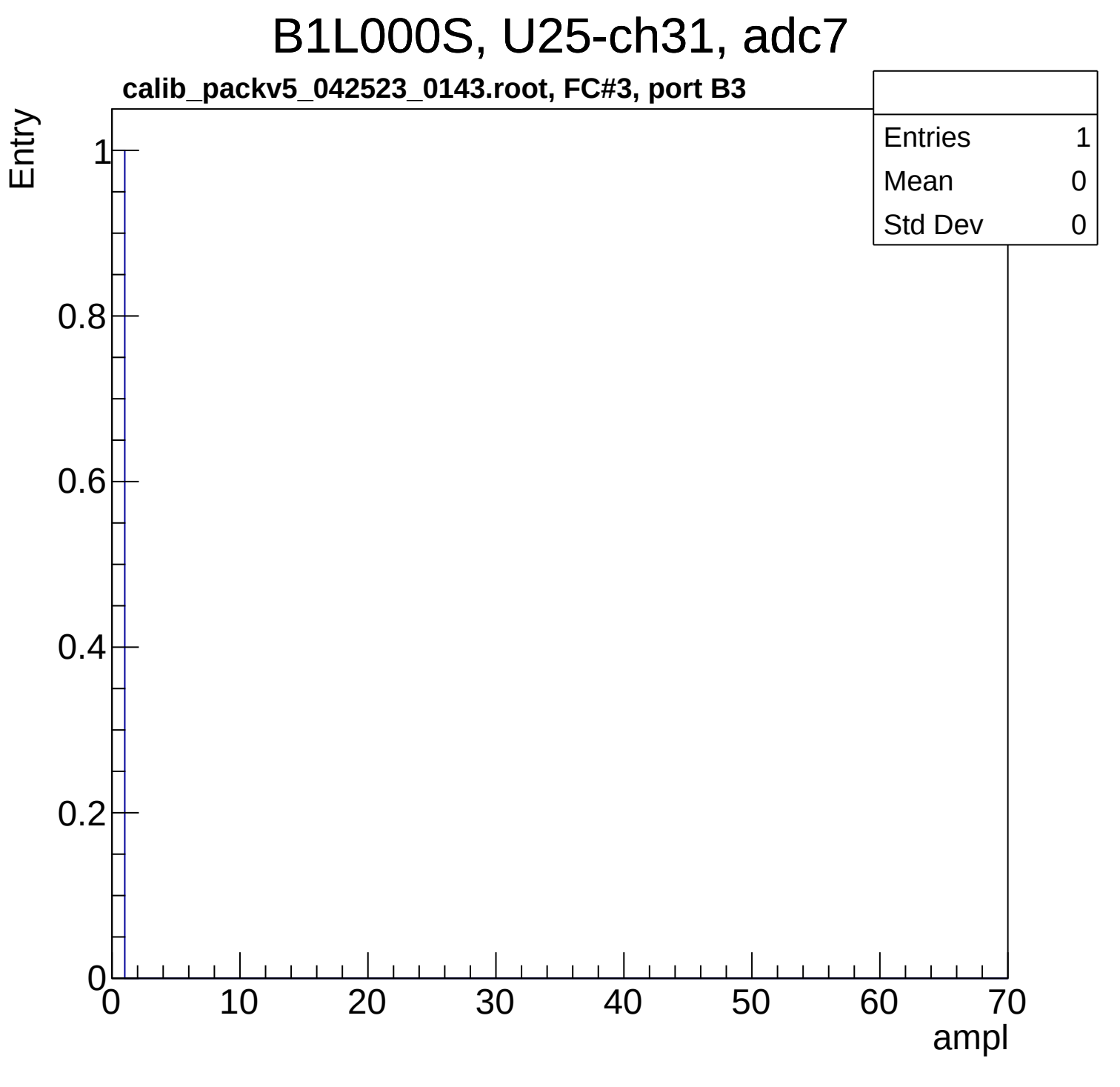
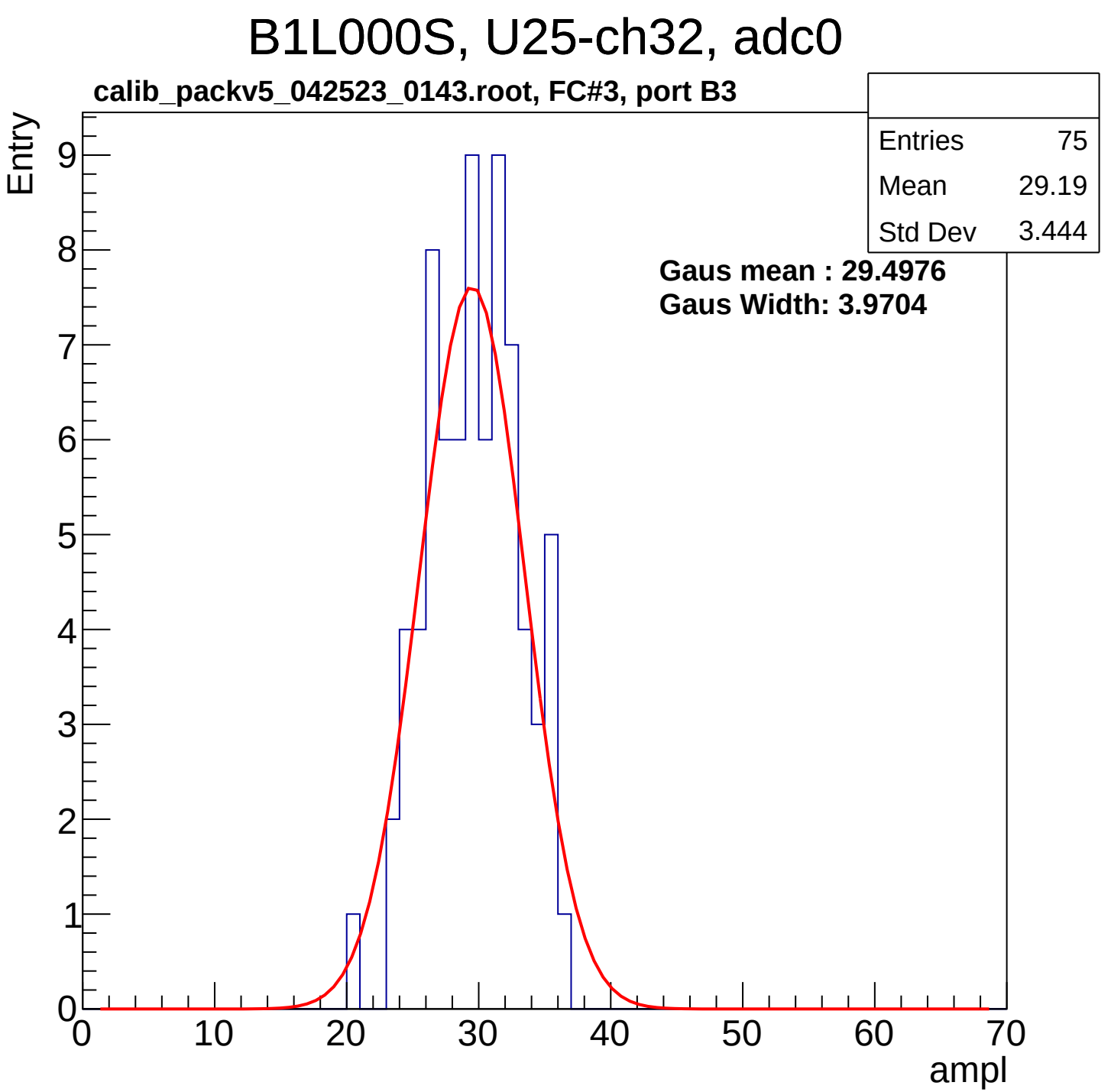

B1L000S, U25-ch31, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 62.75
Std Dev 0.433
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U25-ch31, 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, U25-ch32, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 29.19
Std Dev 3.444
Gaus mean : 29.4976
Gaus Width: 3.9704
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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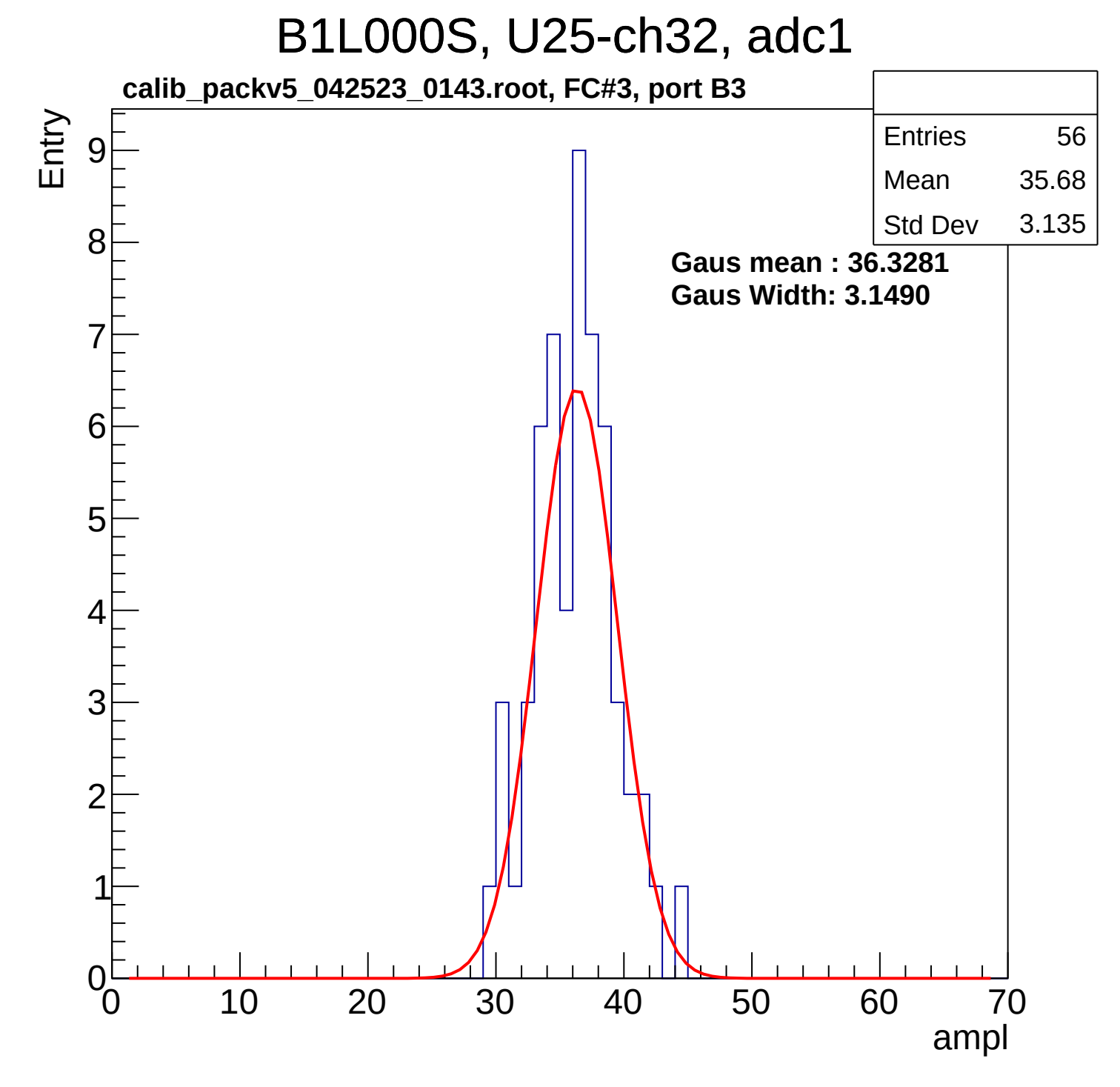
B1L000S, U25-ch32, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 35.68
Std Dev 3.135
Gaus mean : 36.3281
Gaus Width: 3.1490
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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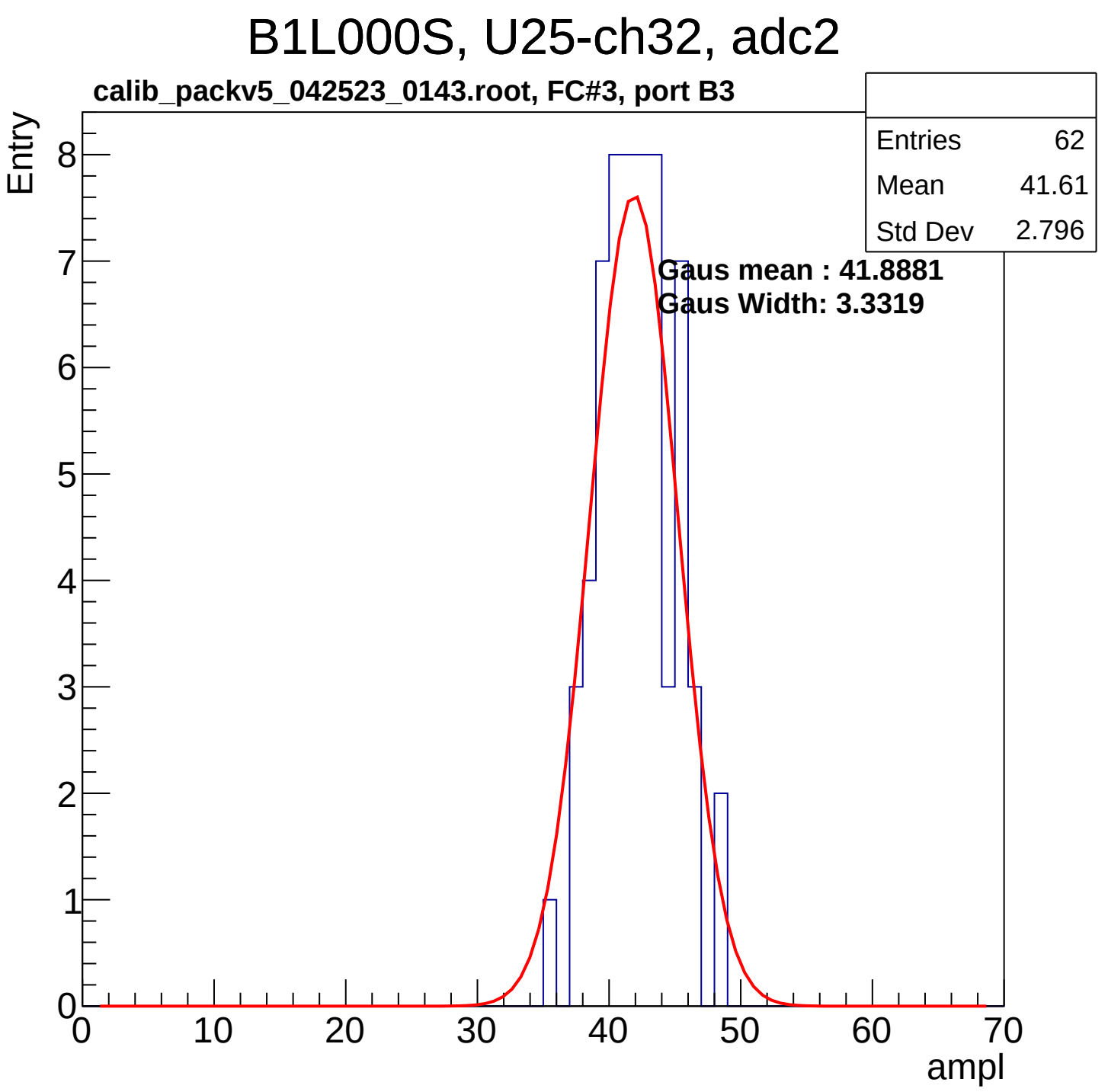
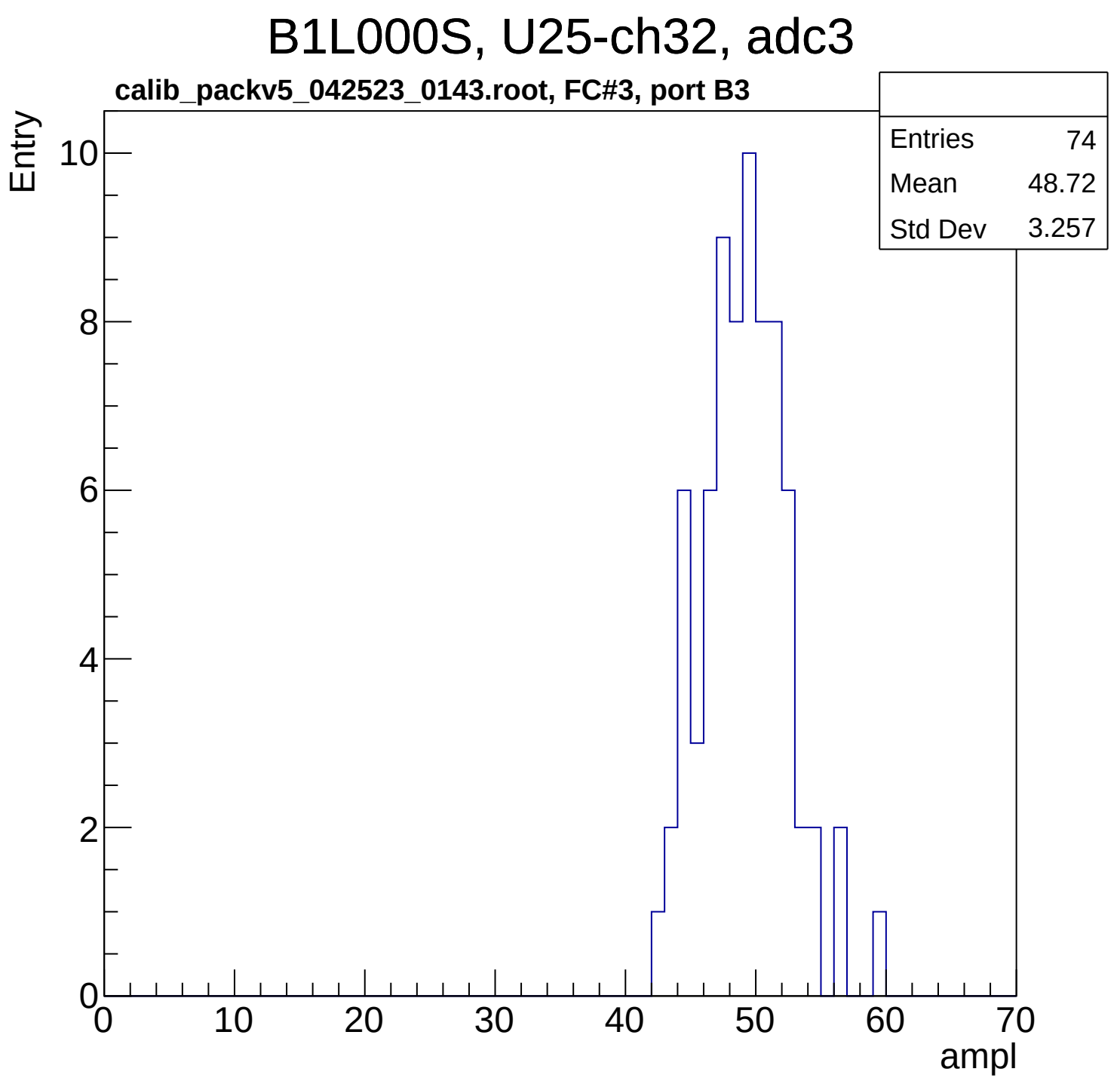
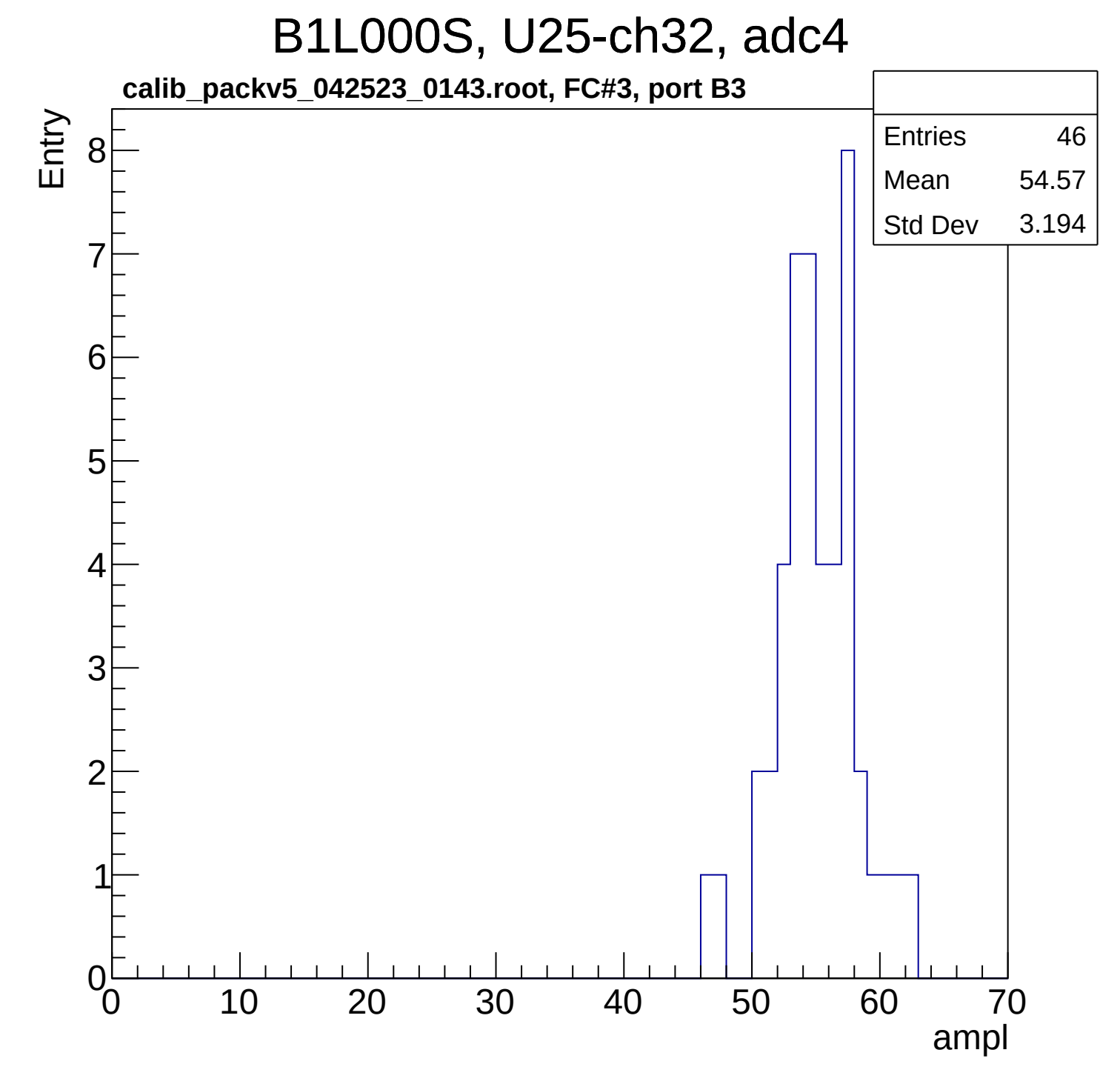

B1L000S, U25-ch32, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 41.61
Std Dev 2.796
Gaus mean : 41.8881
Gaus Width: 3.3319
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch32, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 48.72
Std Dev 3.257
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch32, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 54.57
Std Dev 3.194
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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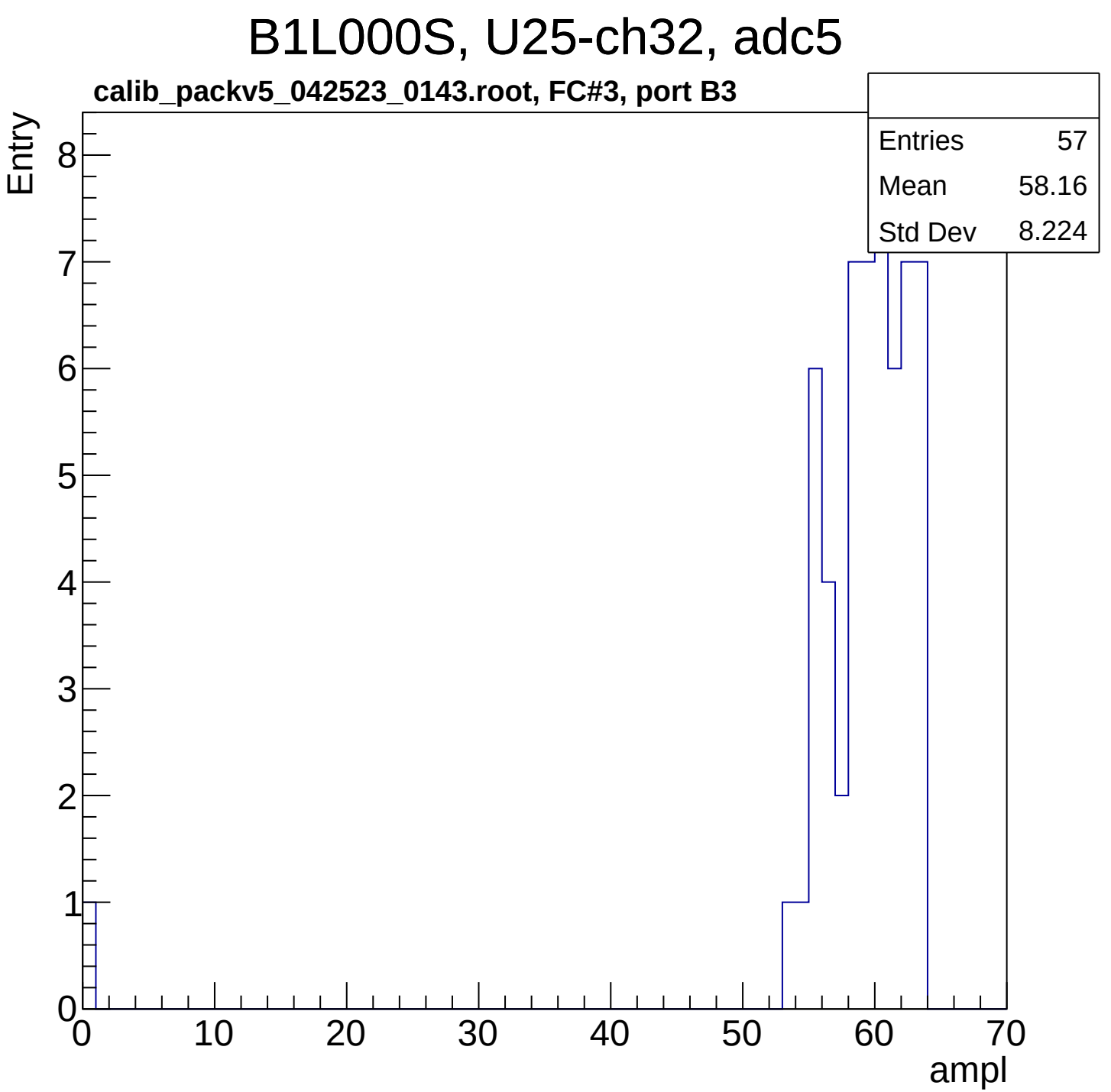
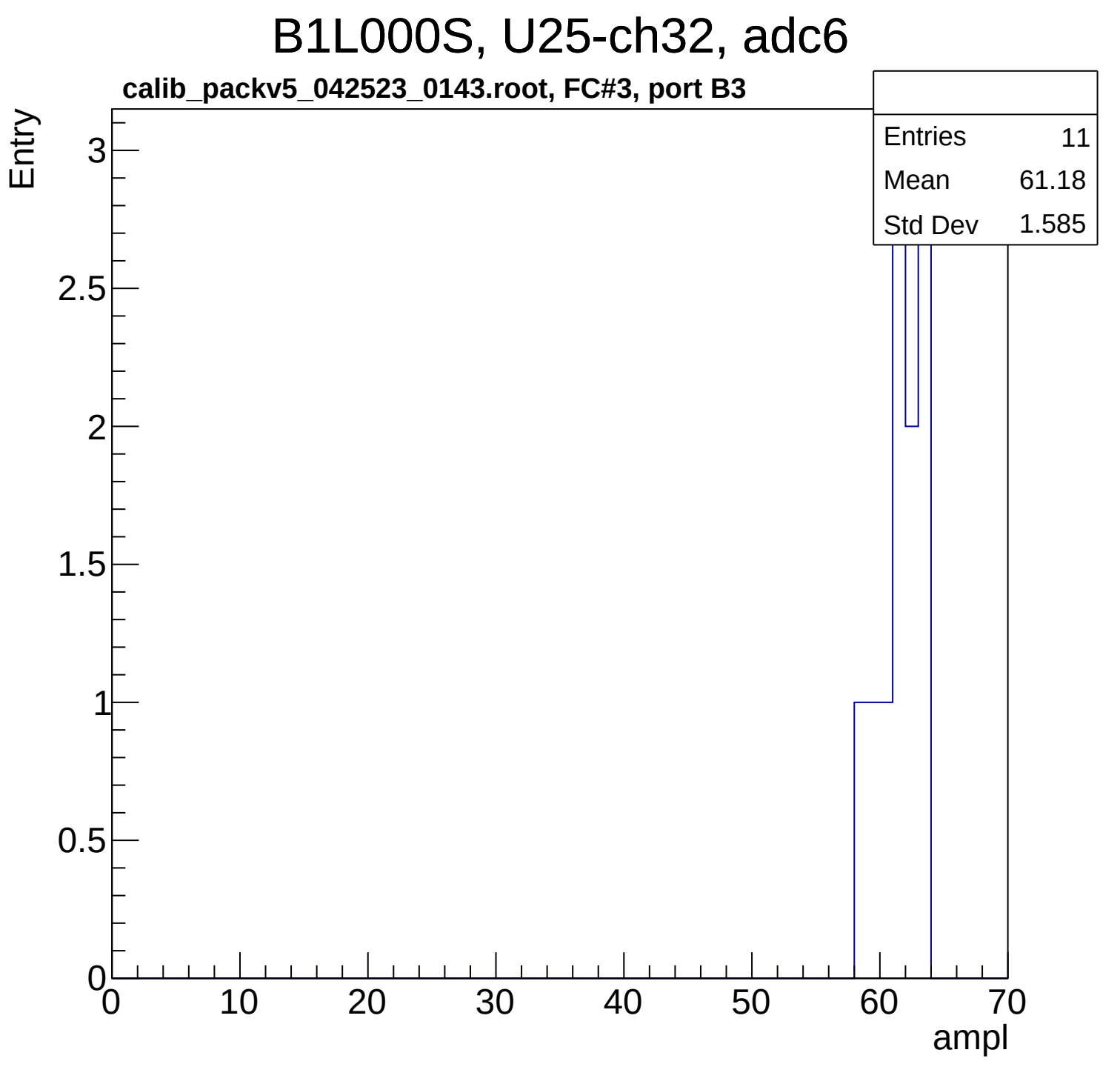
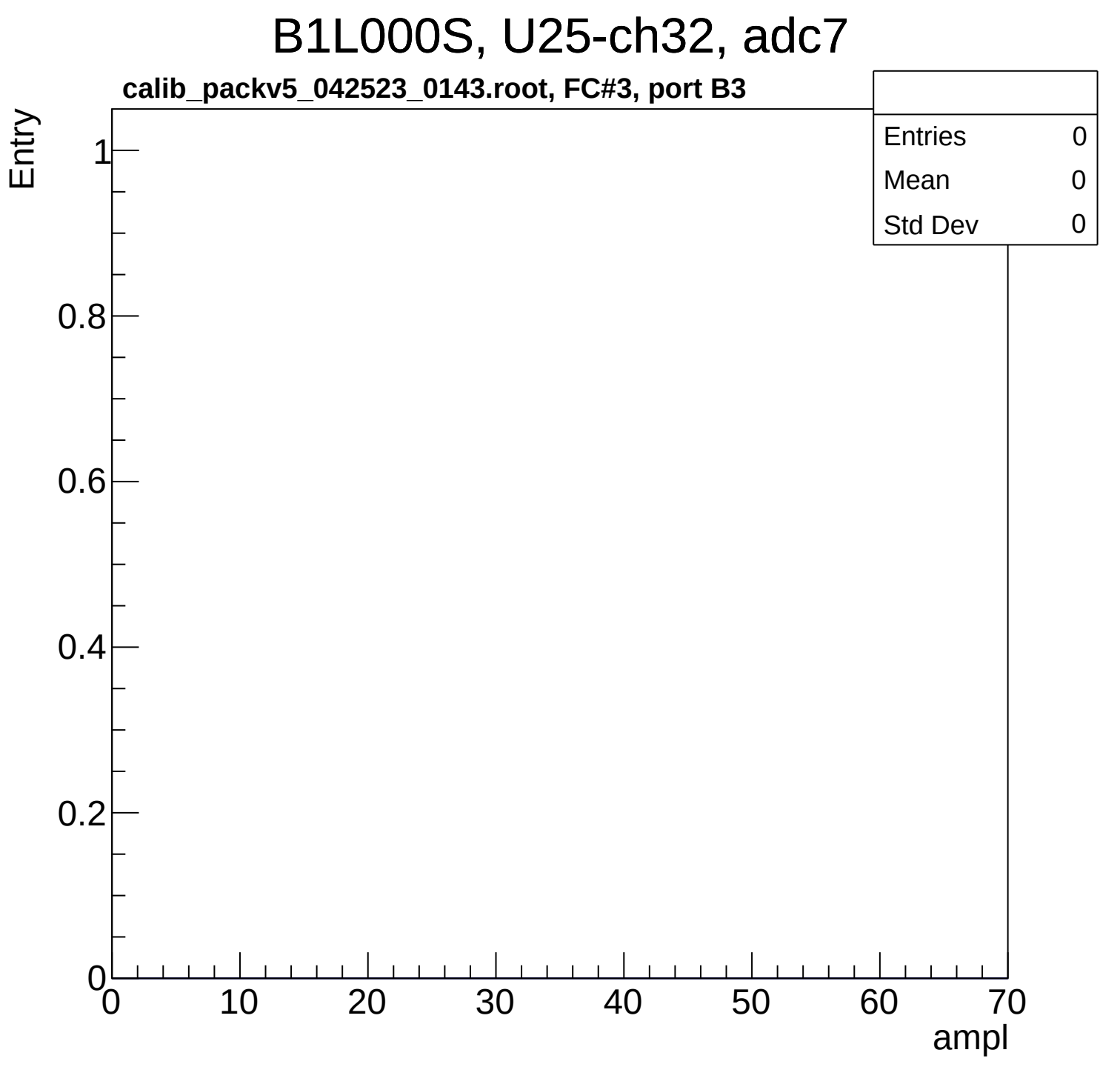
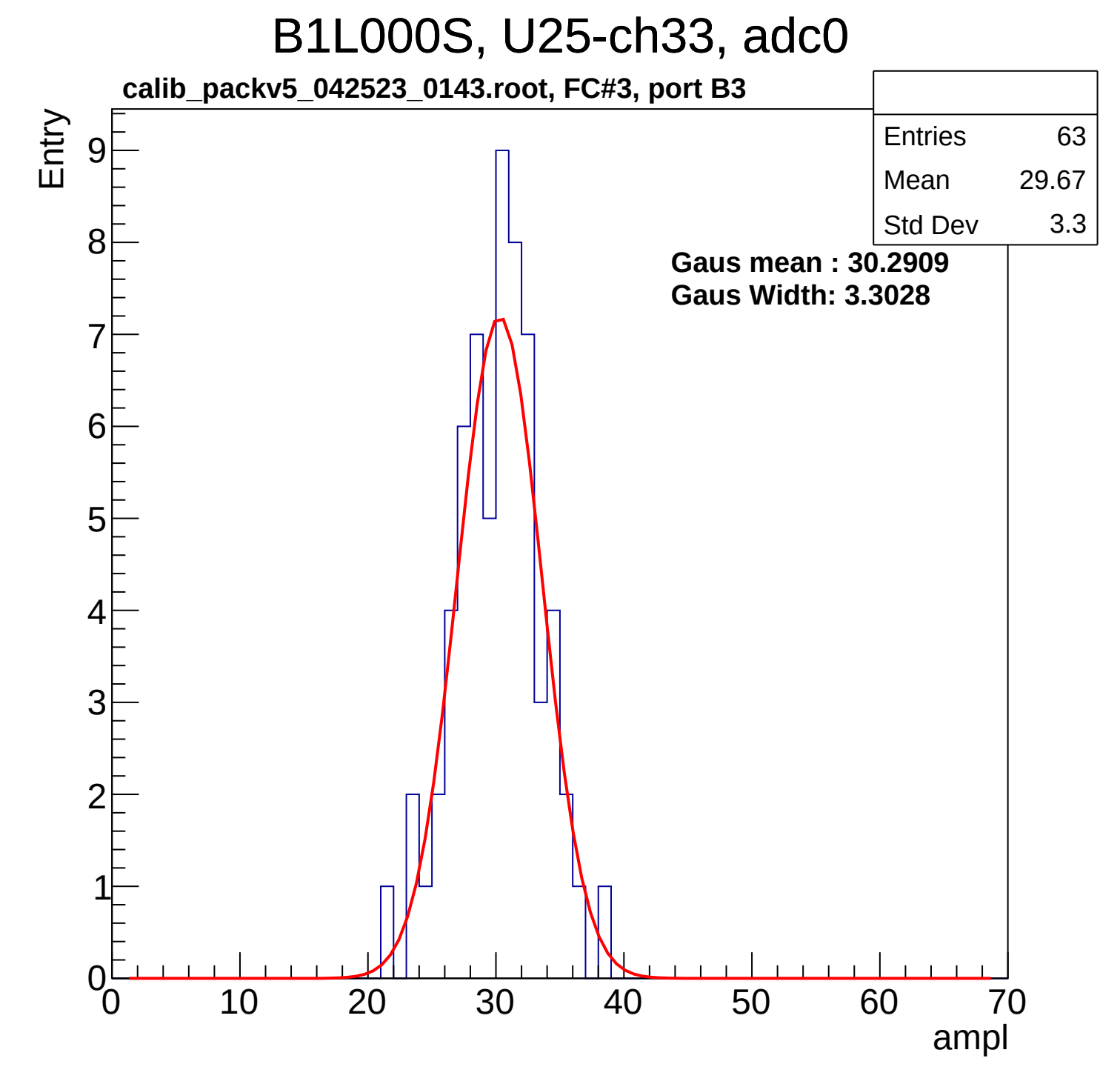
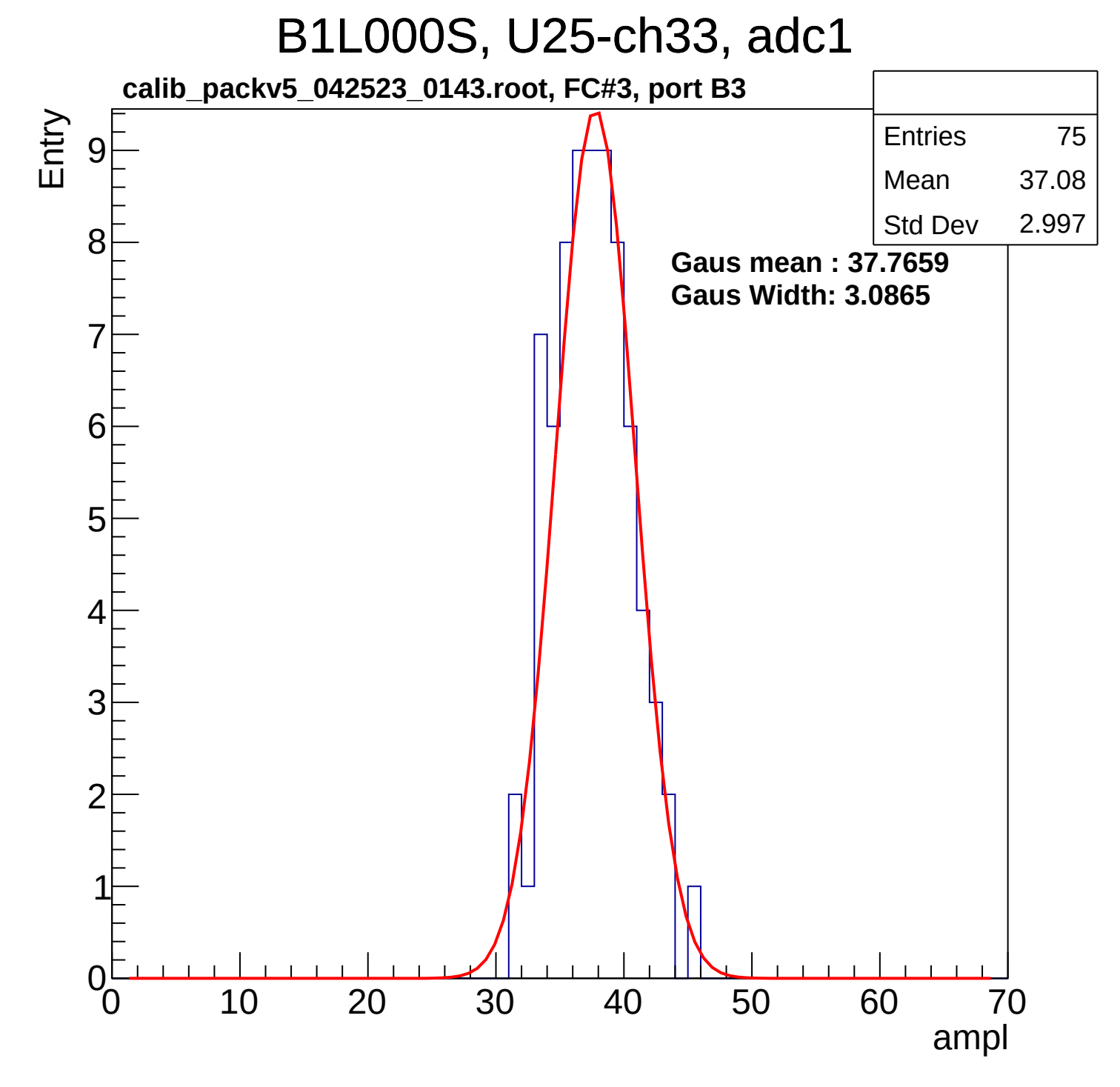
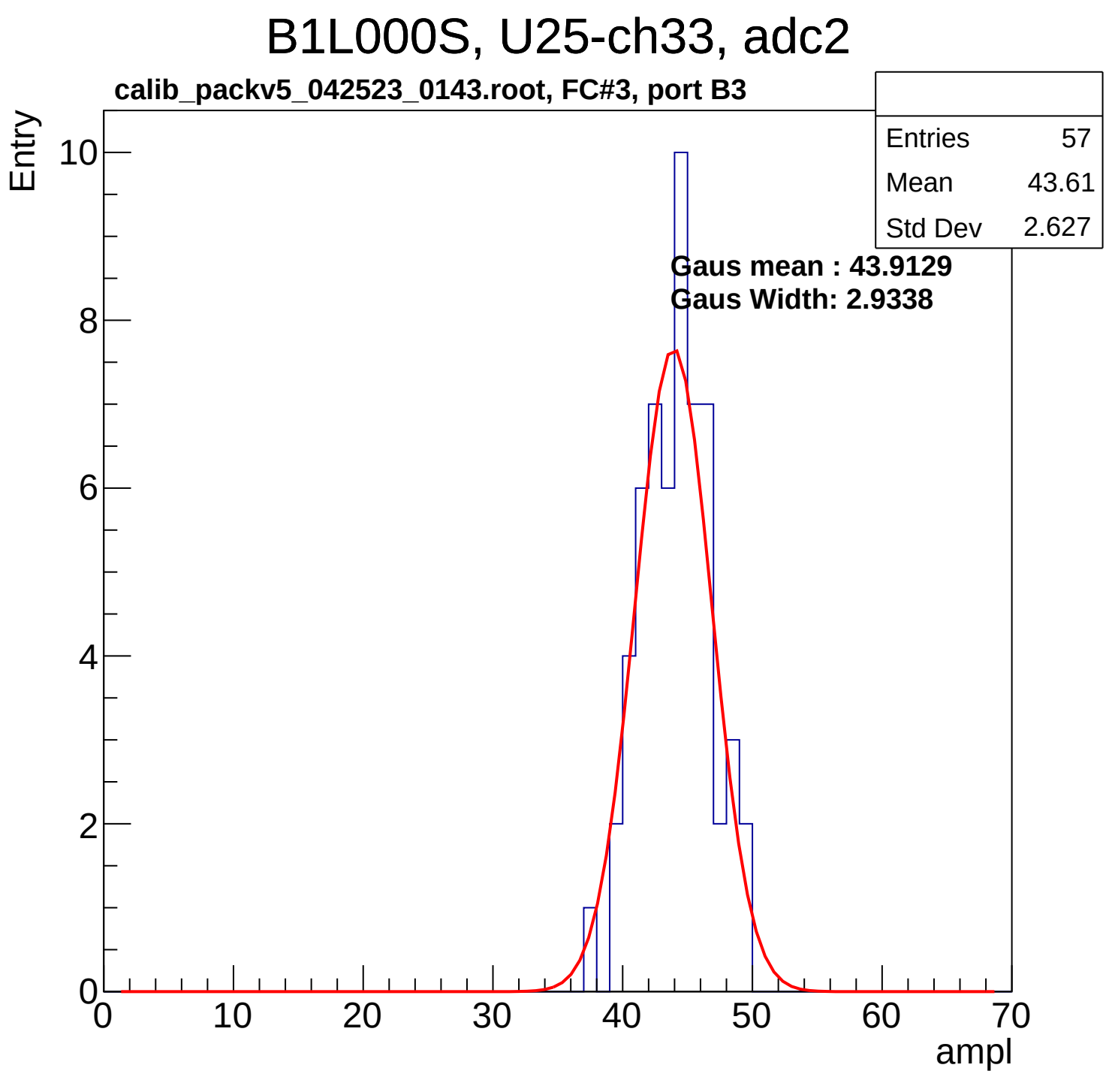

B1L000S, U25-ch32, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 58.16
Std Dev 8.224
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

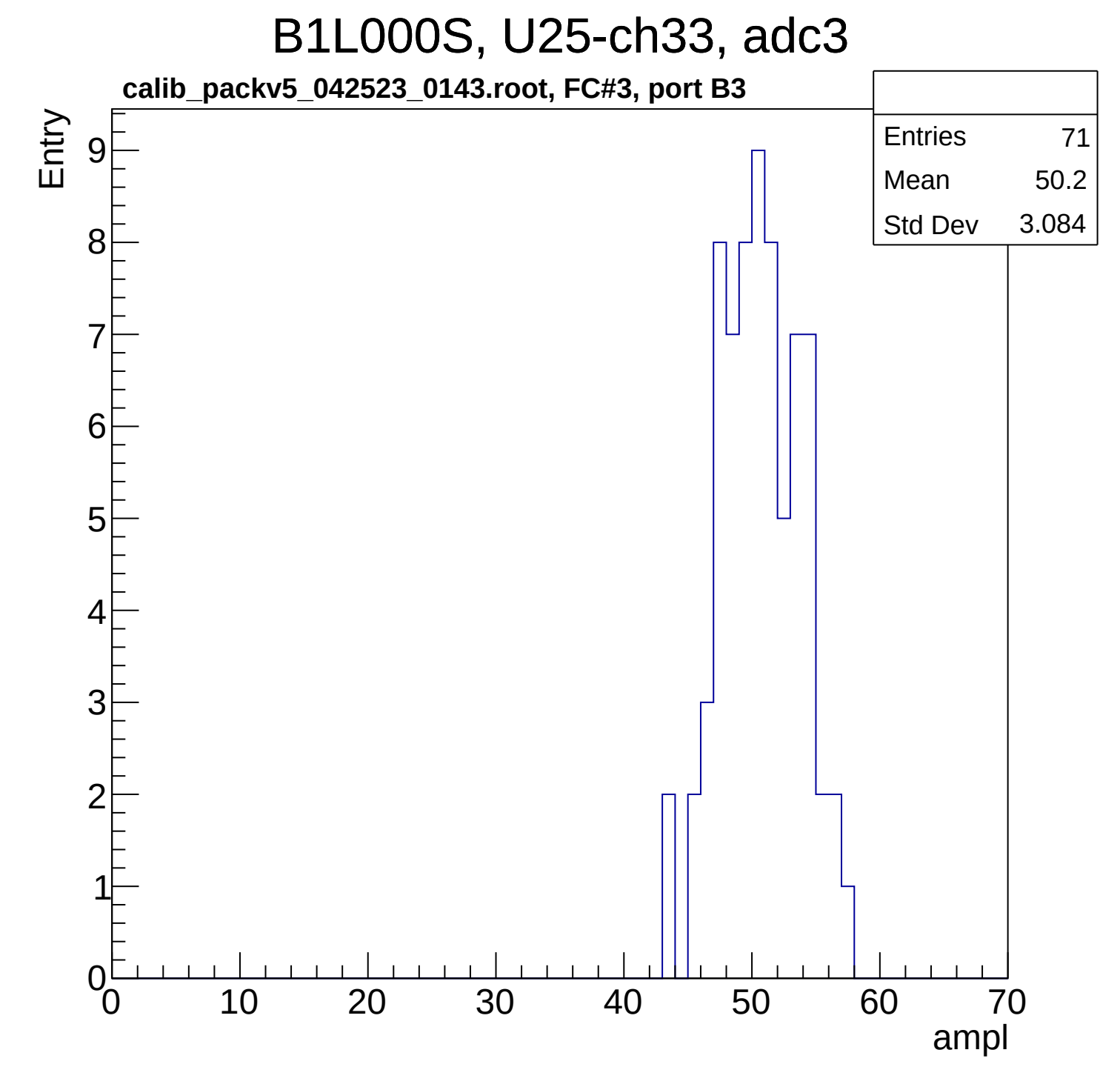

B1L000S, U25-ch32, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 61.18
Std Dev 1.585
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U25-ch32, 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, U25-ch33, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 29.67
Std Dev 3.3
Gaus mean : 30.2909
Gaus Width: 3.3028
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch33, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 37.08
Std Dev 2.997
Gaus mean : 37.7659
Gaus Width: 3.0865
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch33, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 43.61
Std Dev 2.627
Gaus mean : 43.9129
Gaus Width: 2.9338
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch33, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 50.2
Std Dev 3.084
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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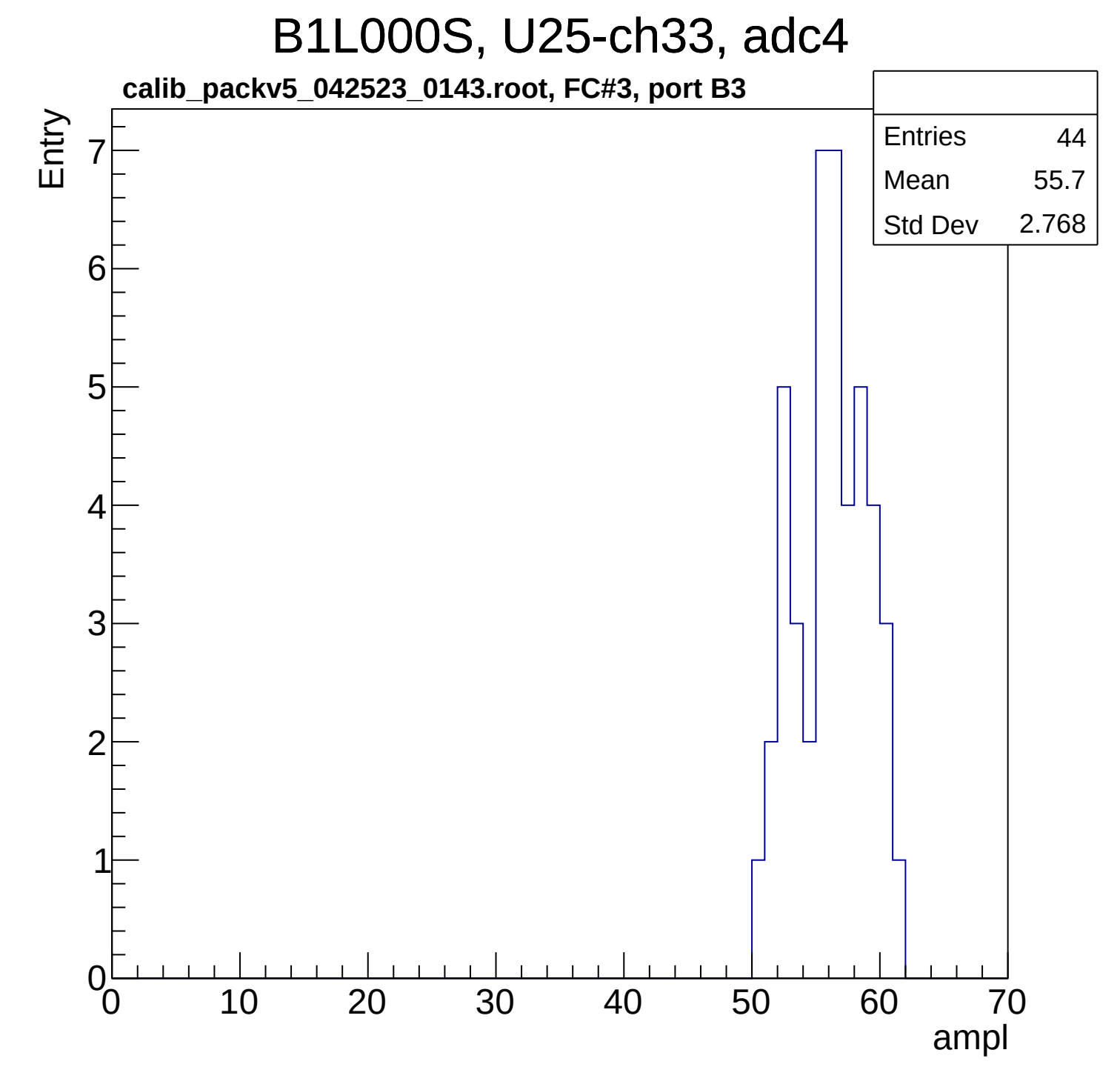
40
50
60
70


B1L000S, U25-ch33, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 55.7
Std Dev 2.768
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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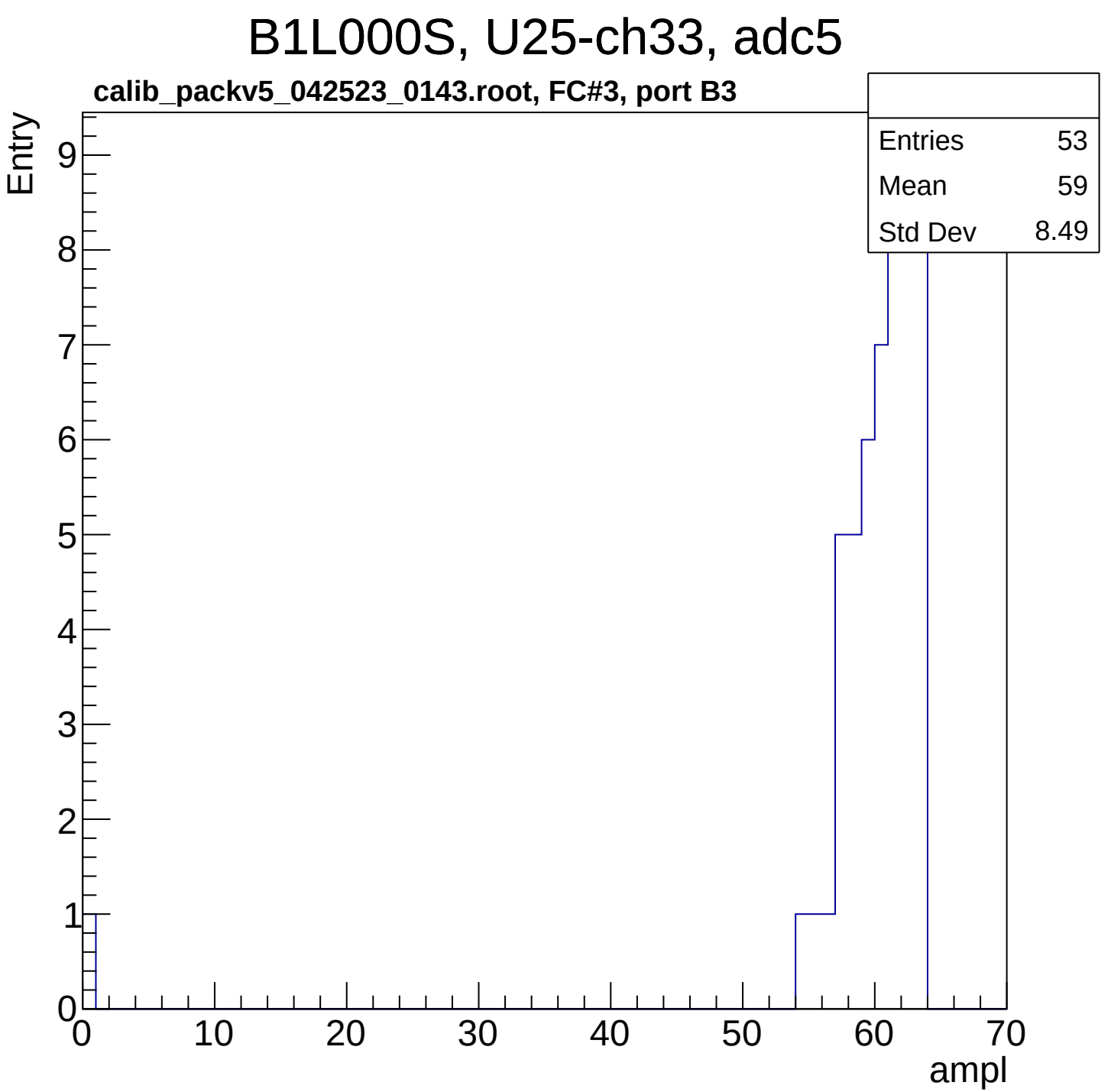
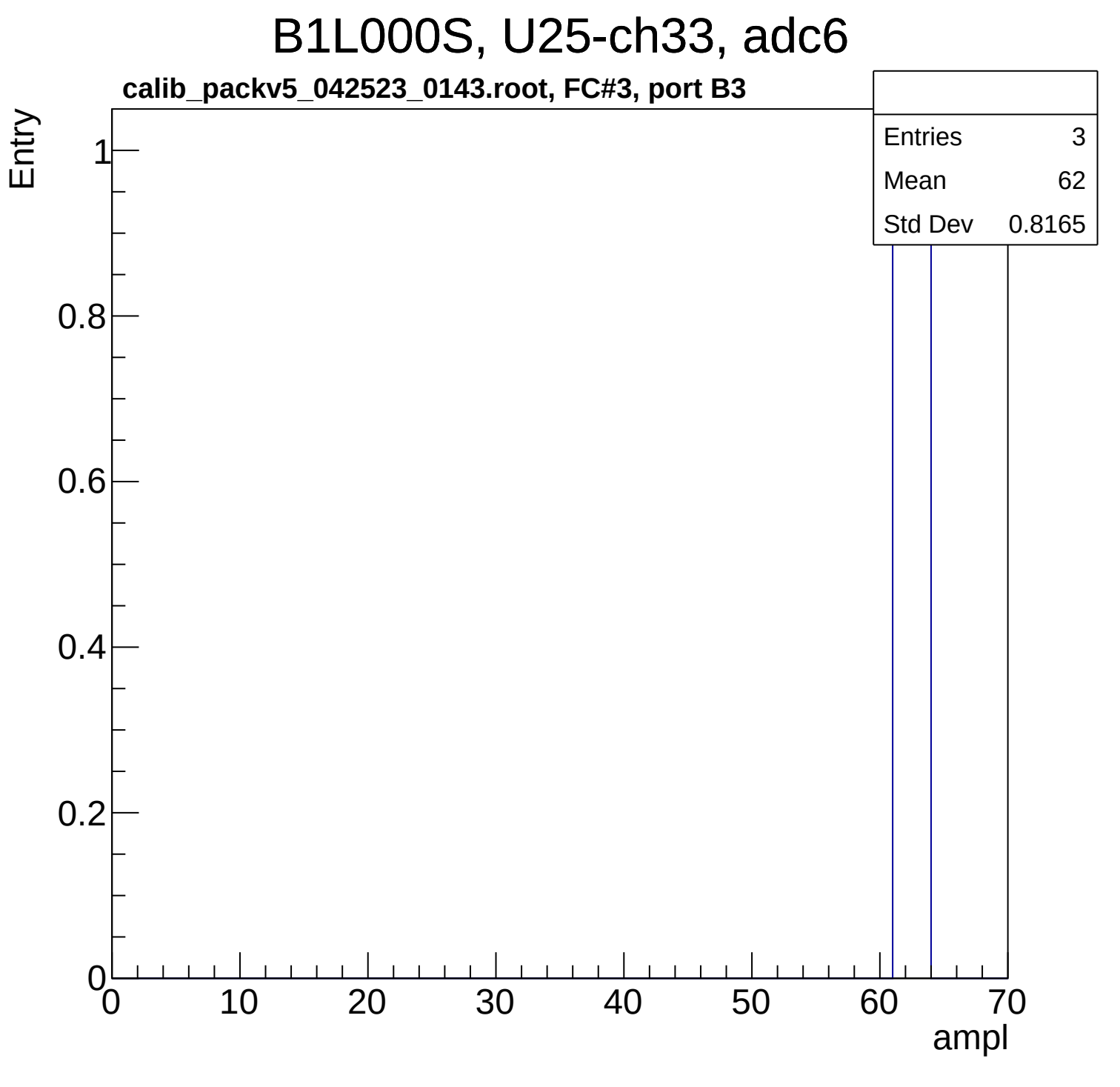

B1L000S, U25-ch33, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 59
Std Dev 8.49
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch33, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 62
Std Dev 0.8165
Entry
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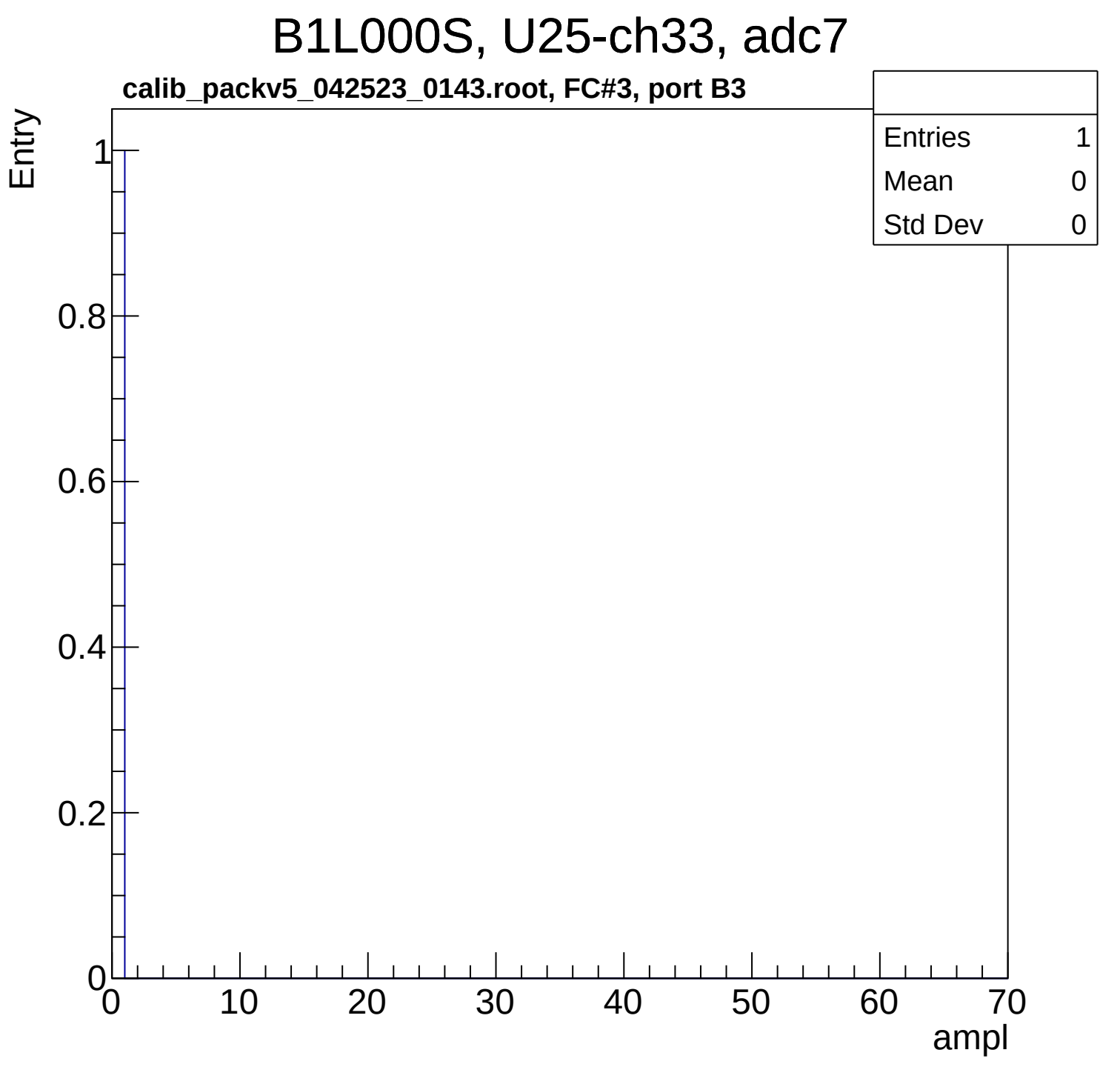
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch33, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
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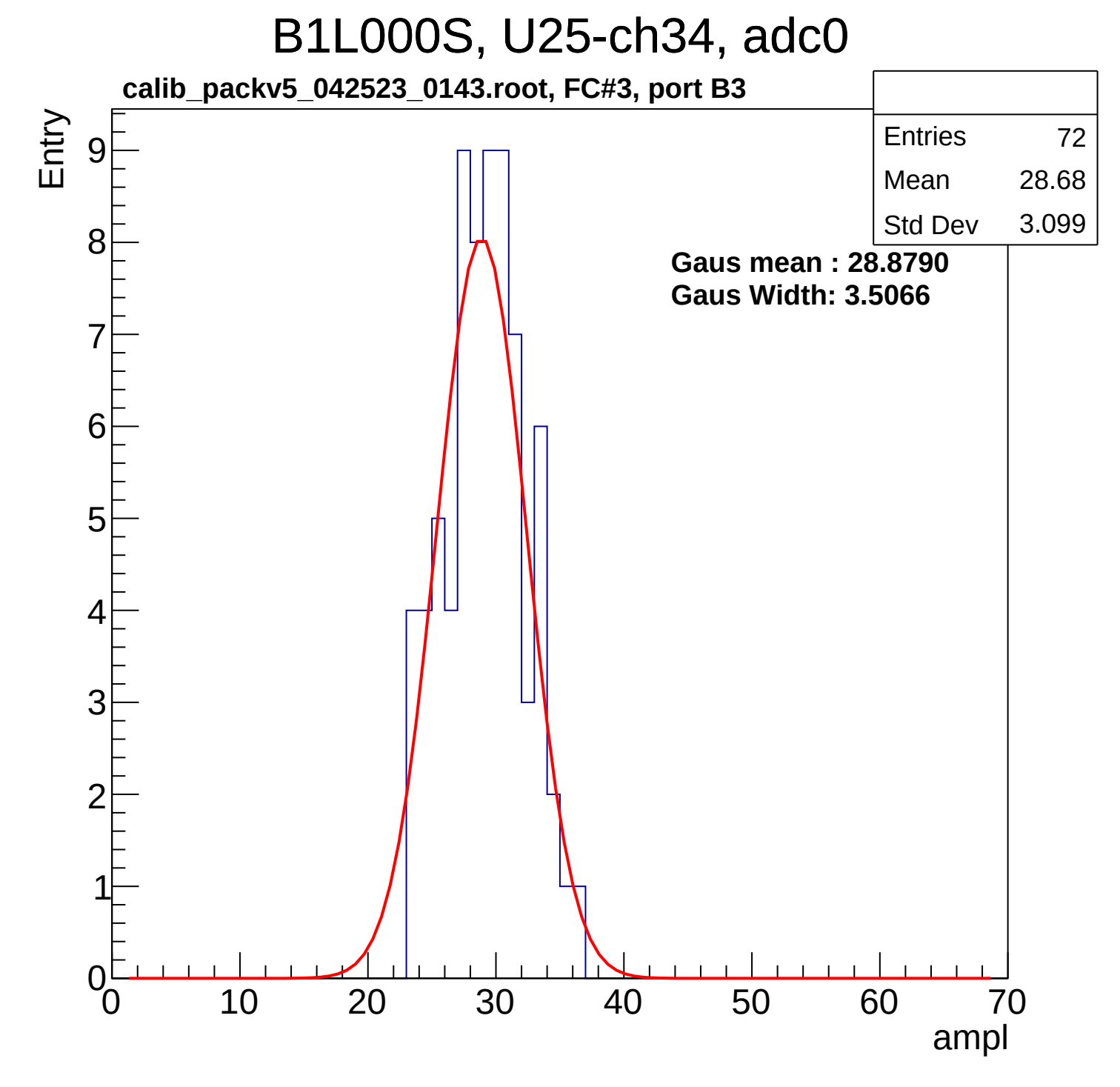
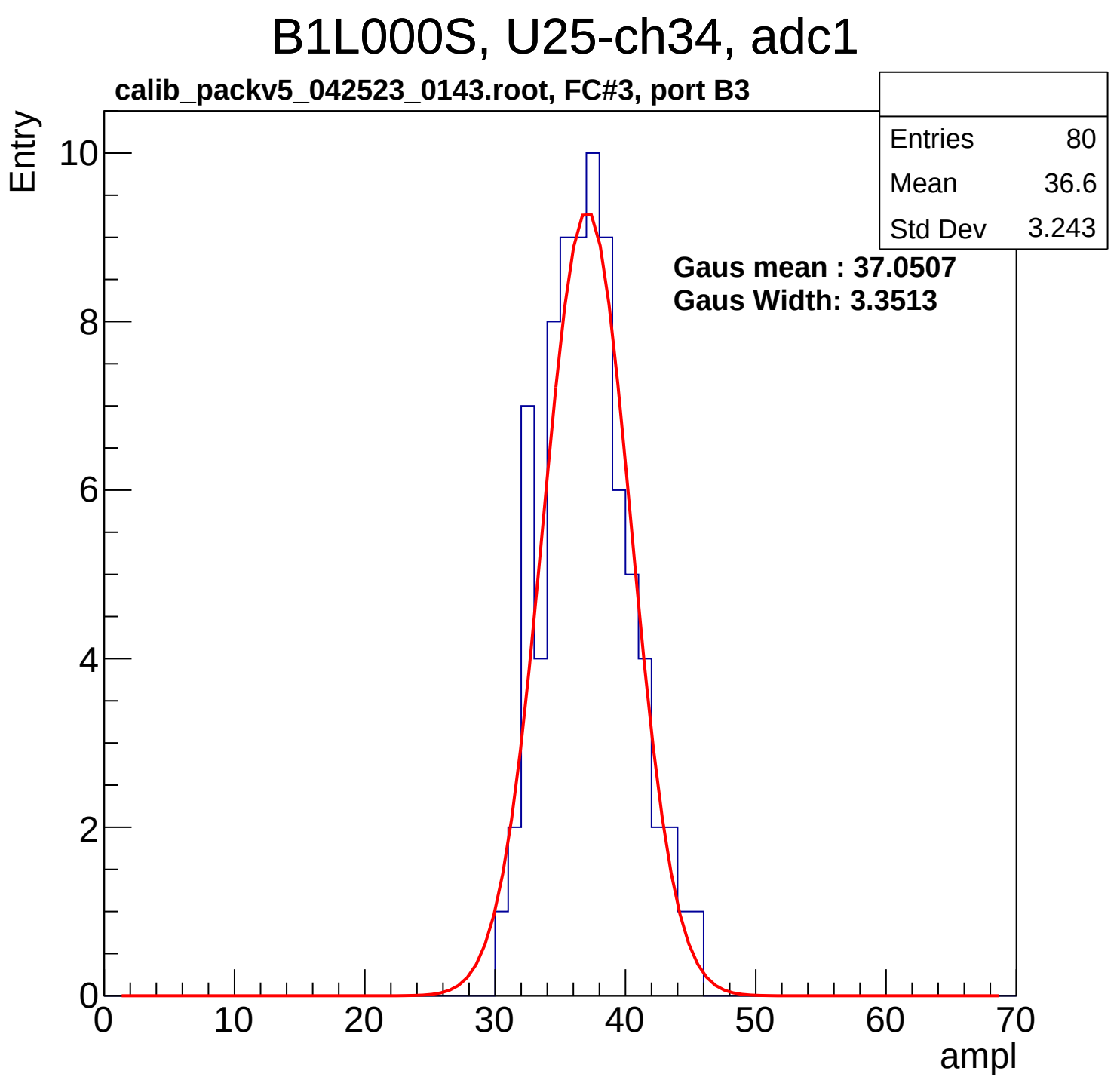
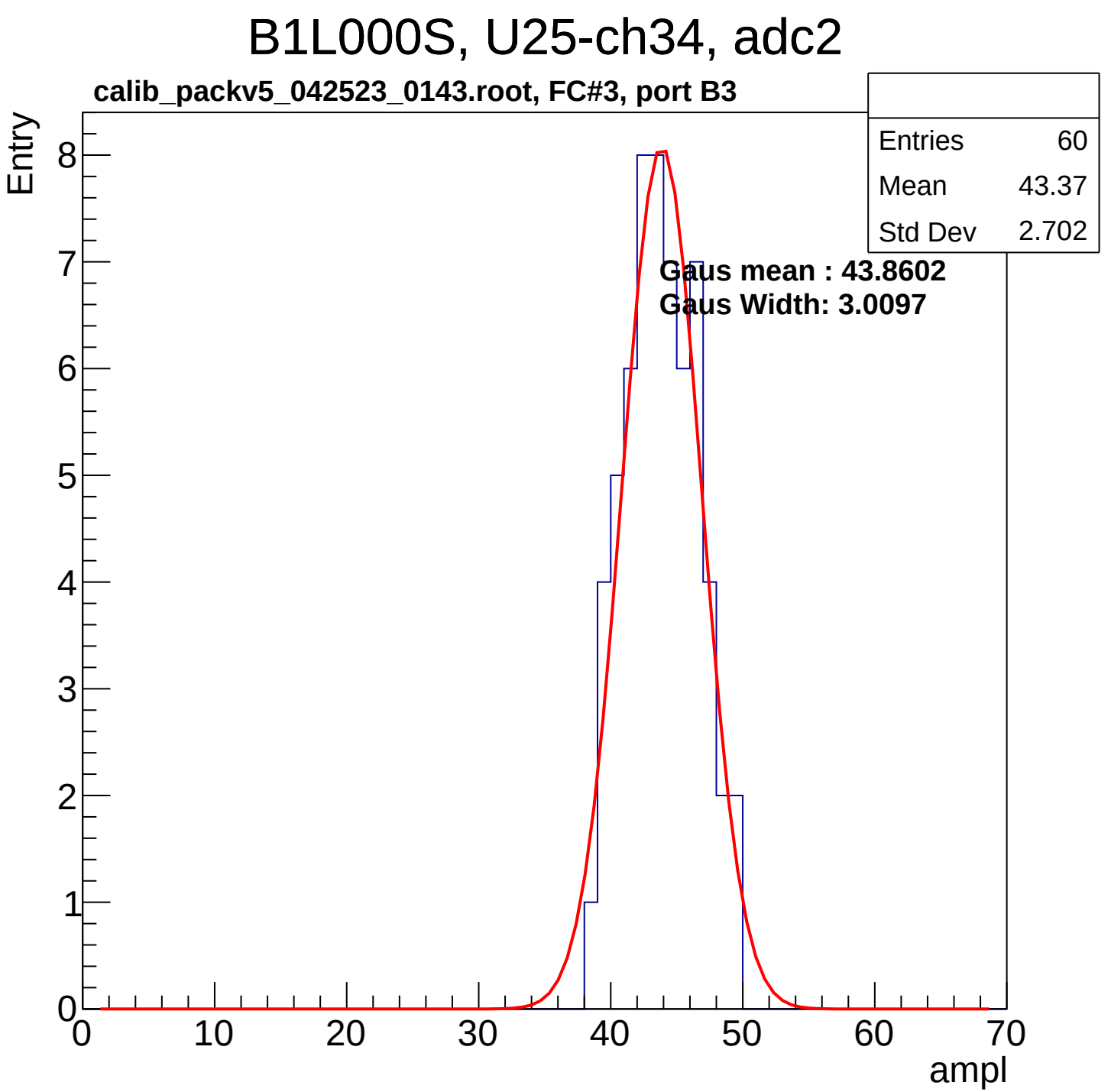
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch34, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 28.68
Std Dev 3.099
Gaus mean : 28.8790
Gaus Width: 3.5066
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U25-ch34, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 80
Mean 36.6
Std Dev 3.243
Gaus mean : 37.0507
Gaus Width: 3.3513
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch34, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 43.37
Std Dev 2.702
Gaus mean : 43.8602
Gaus Width: 3.0097
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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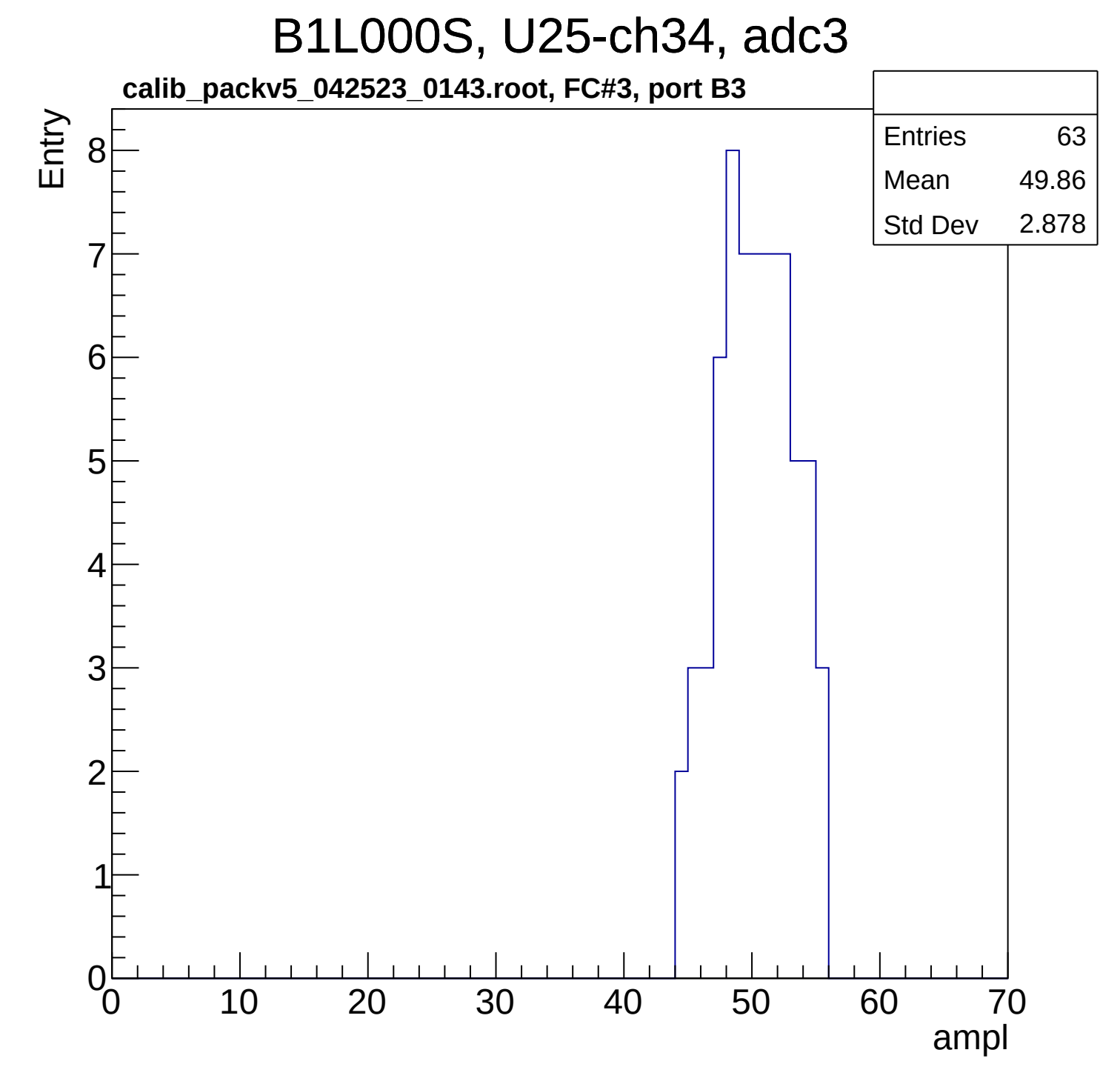
B1L000S, U25-ch34, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 49.86
Std Dev 2.878
Entry
ampl
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1
2
3
4
5
6
7
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40
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60
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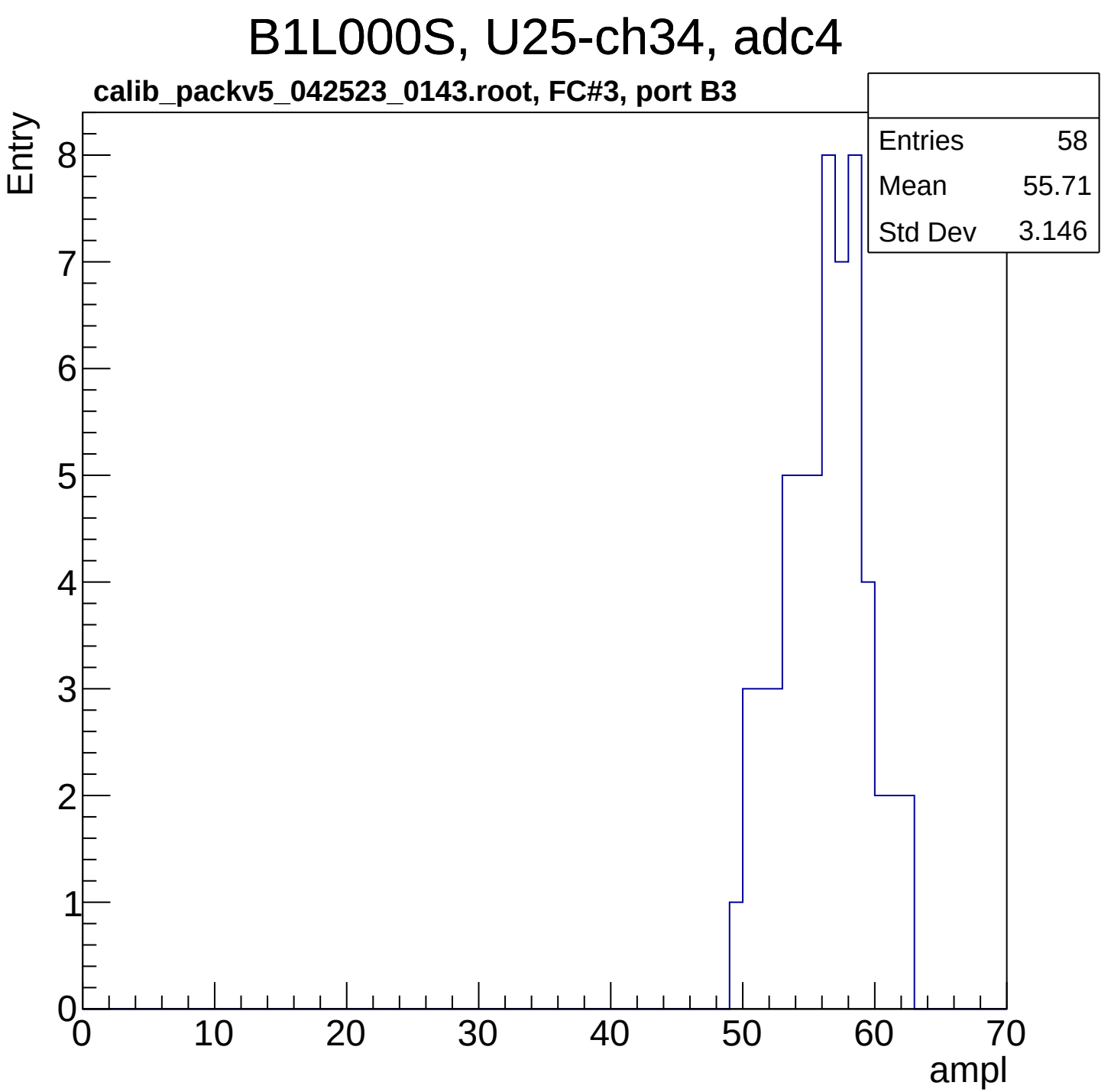
B1L000S, U25-ch34, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 55.71
Std Dev 3.146
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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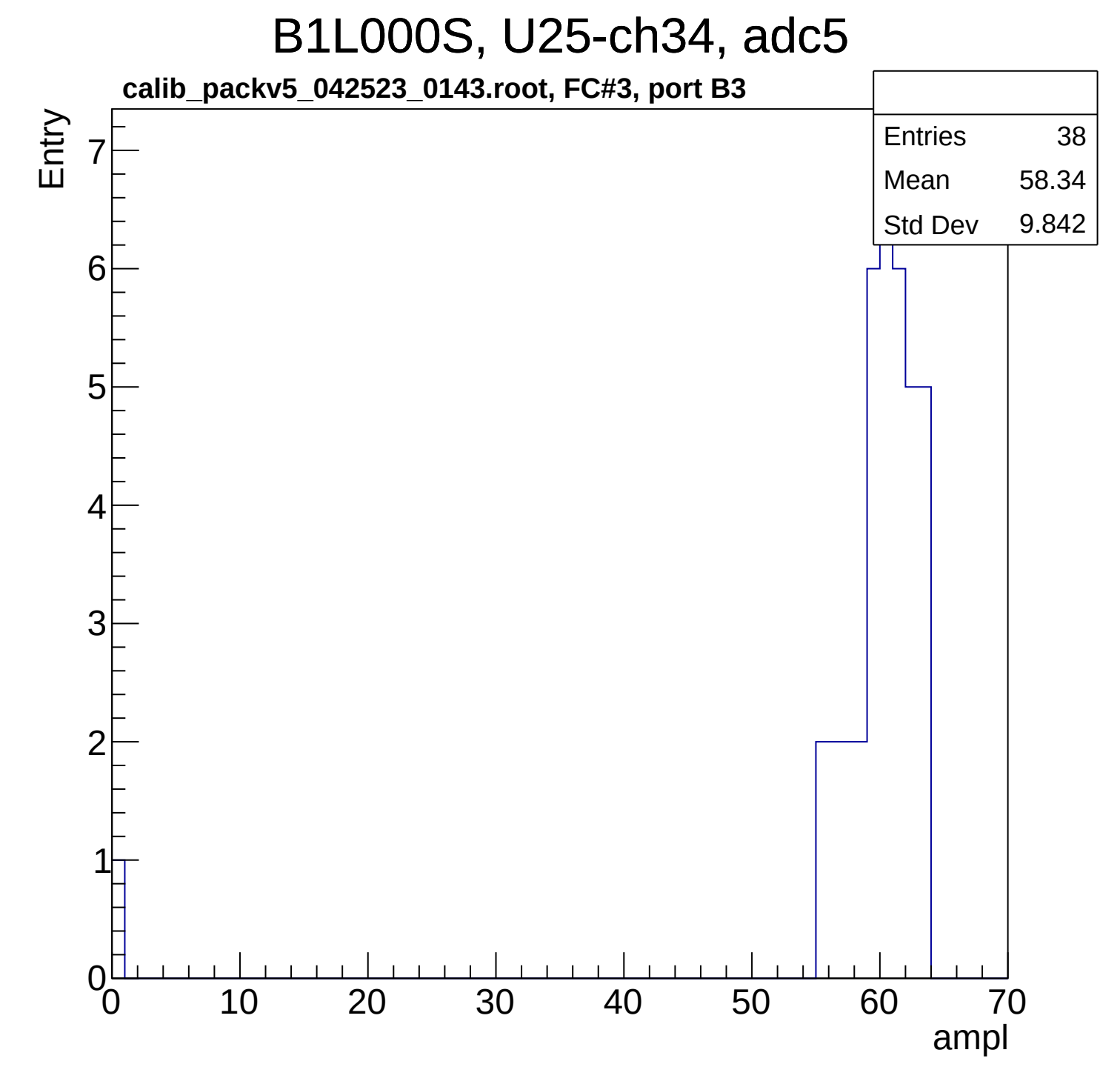
B1L000S, U25-ch34, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 38
Mean 58.34
Std Dev 9.842
Entry
ampl
0
1
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4
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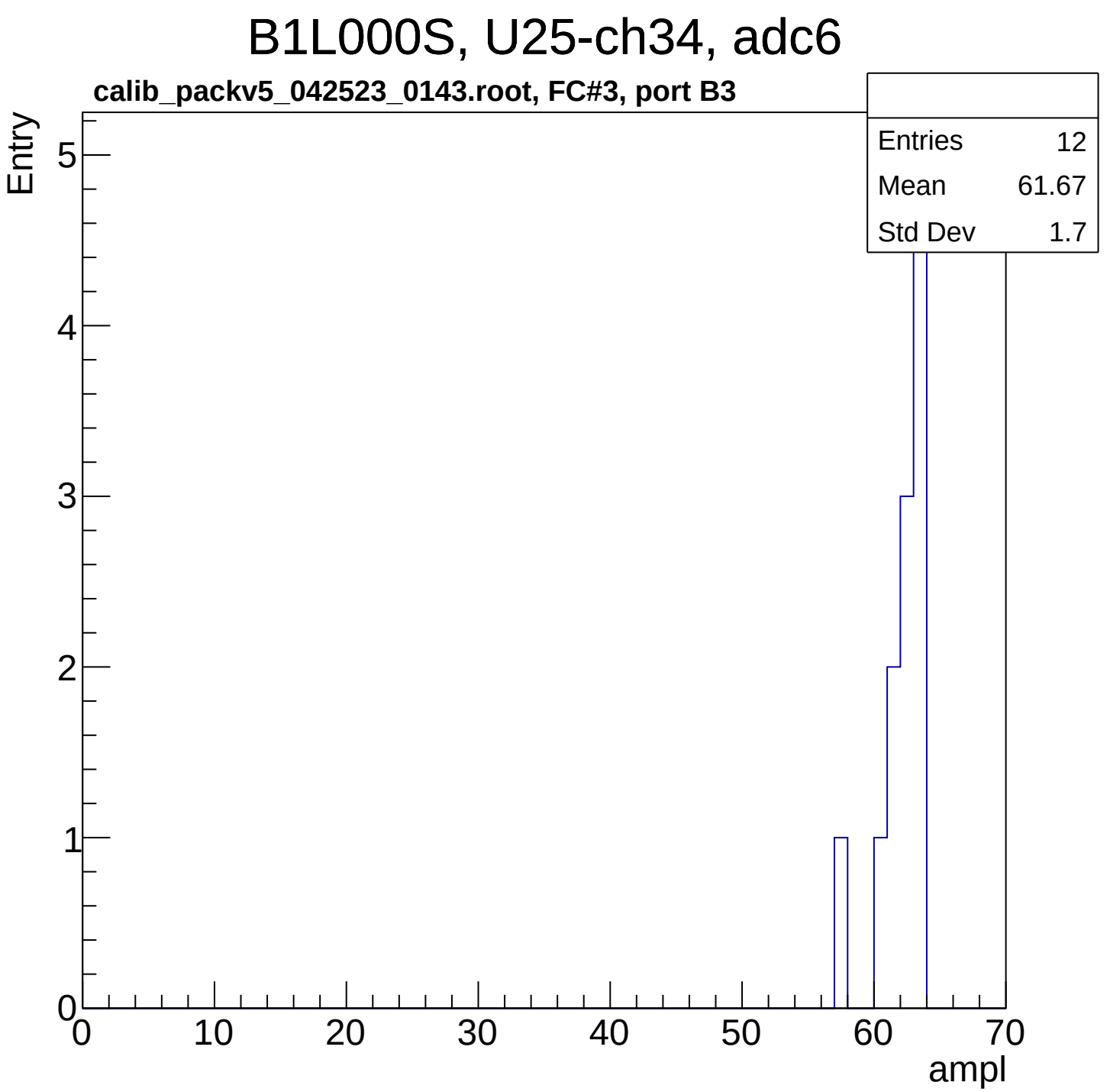
B1L000S, U25-ch34, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 61.67
Std Dev 1.7
Entry
0
1
2
3
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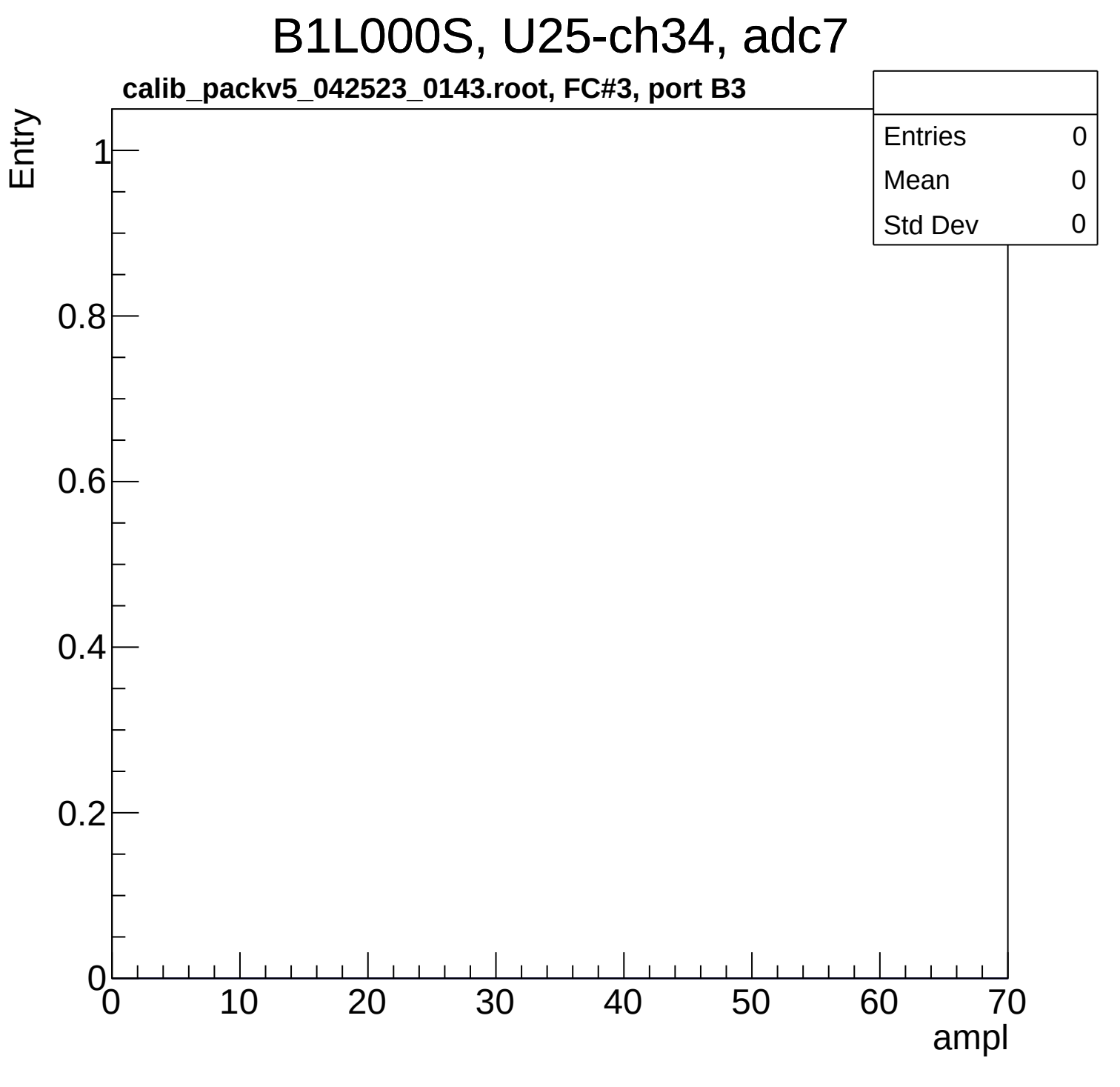
70
ampl


B1L000S, U25-ch34, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
0
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10
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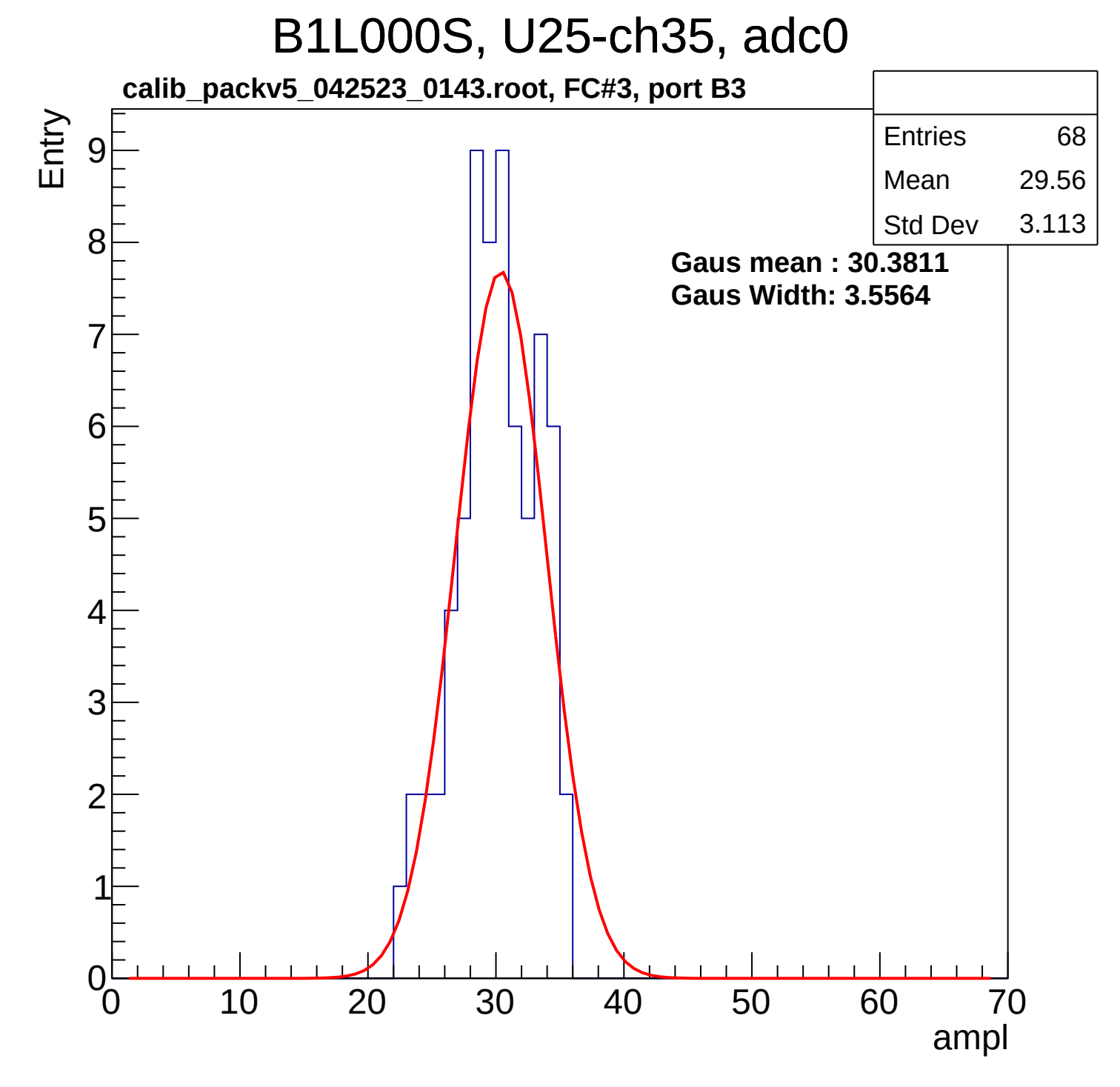
50
60
70
ampl


B1L000S, U25-ch35, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 29.56
Std Dev 3.113
Gaus mean : 30.3811
Gaus Width: 3.5564
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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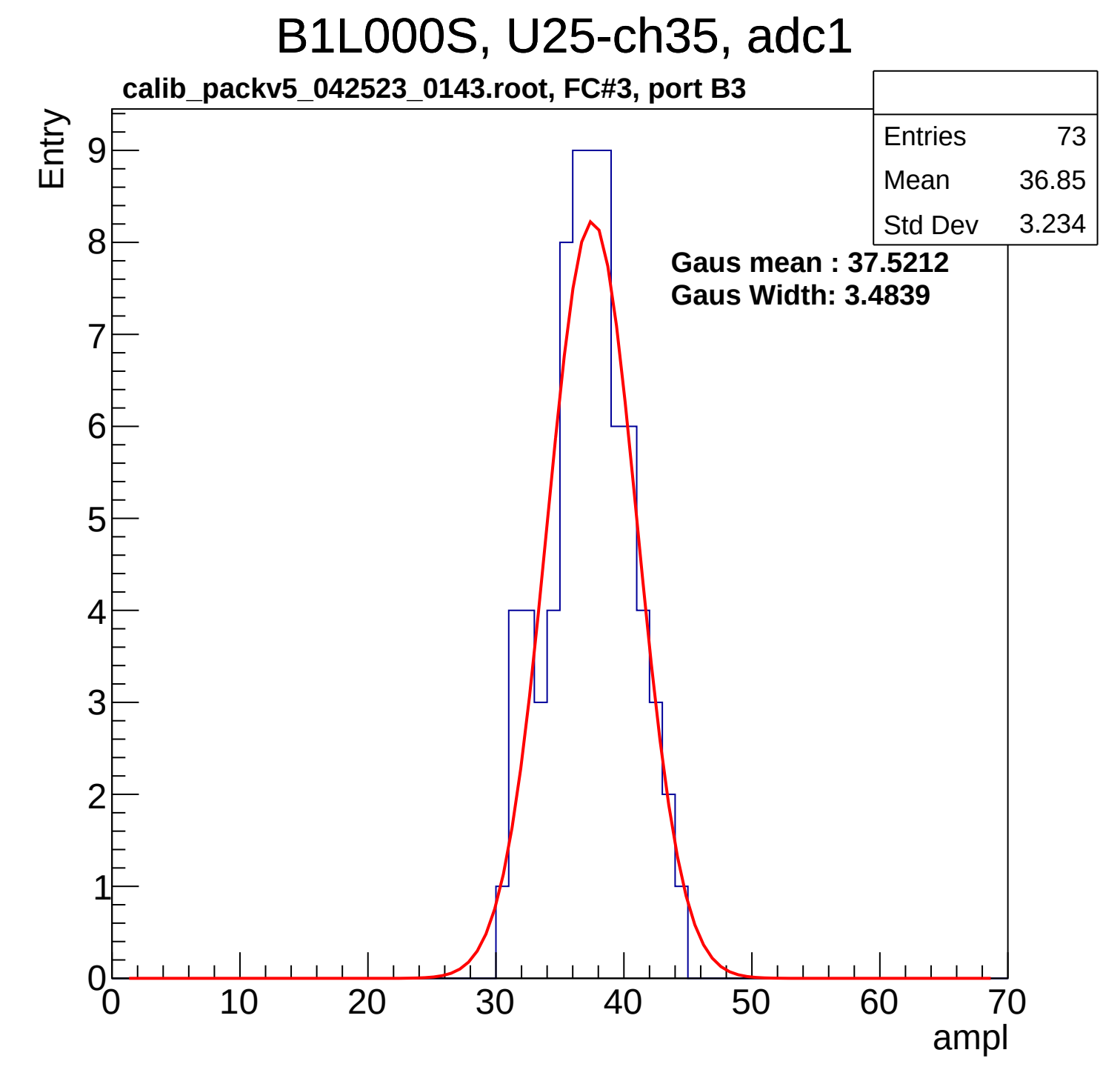
B1L000S, U25-ch35, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 36.85
Std Dev 3.234
Gaus mean : 37.5212
Gaus Width: 3.4839
Entry
ampl
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1
2
3
4
5
6
7
8
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0
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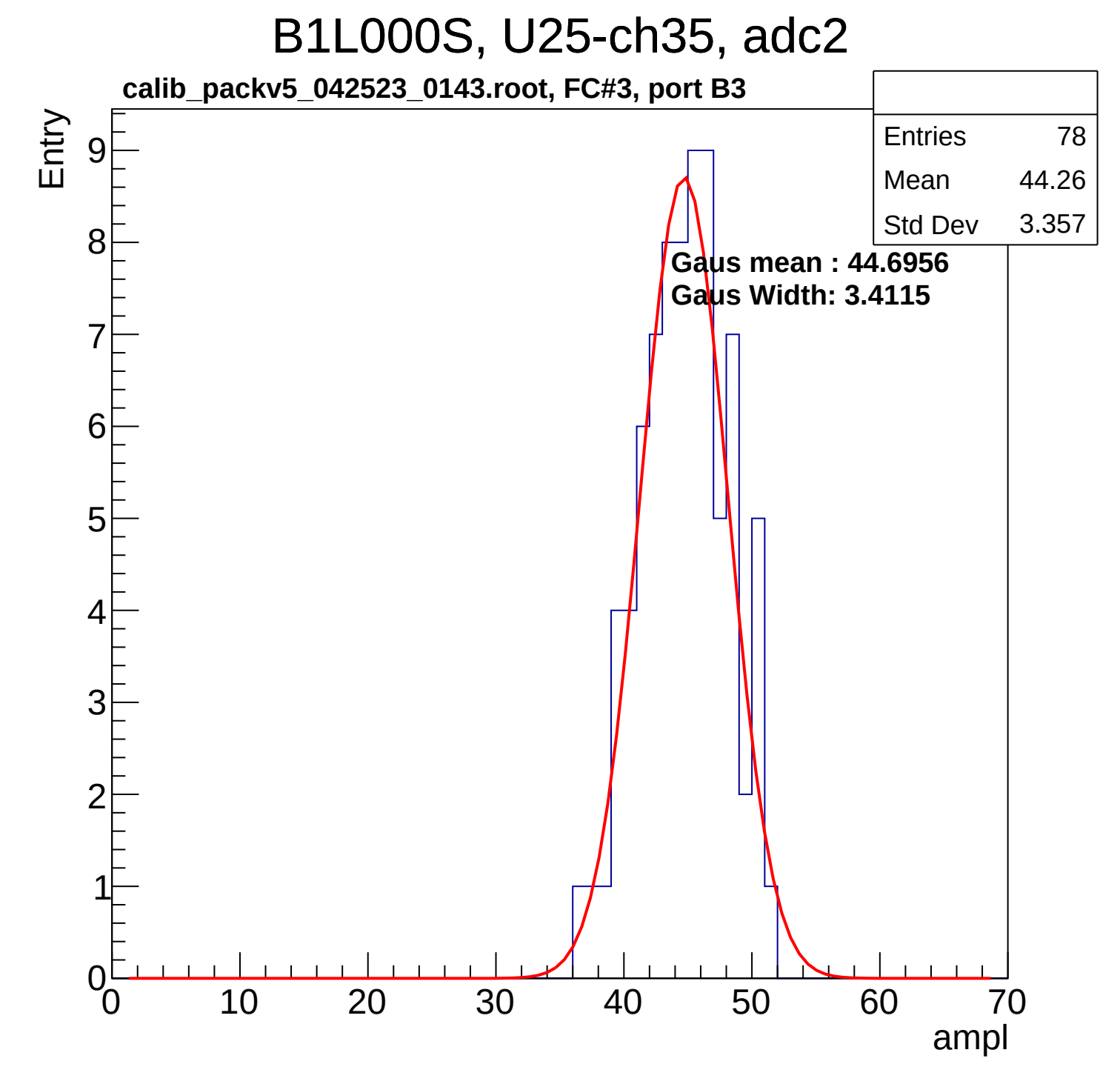
B1L000S, U25-ch35, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 44.26
Std Dev 3.357
Gaus mean : 44.6956
Gaus Width: 3.4115
Entry
ampl
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3
4
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0
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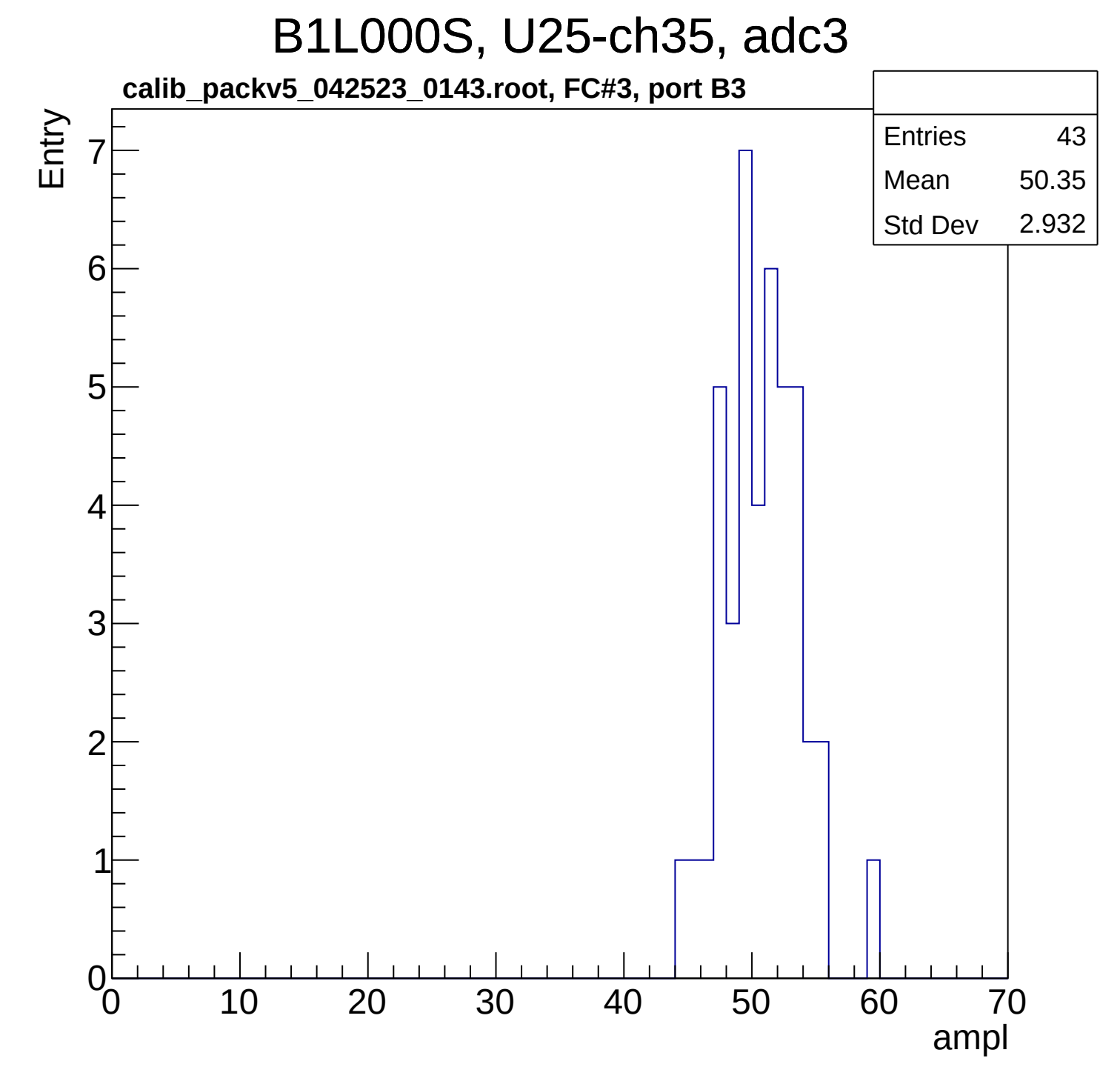
B1L000S, U25-ch35, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 50.35
Std Dev 2.932
Entry
ampl
0
1
2
3
4
5
6
7
0
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60
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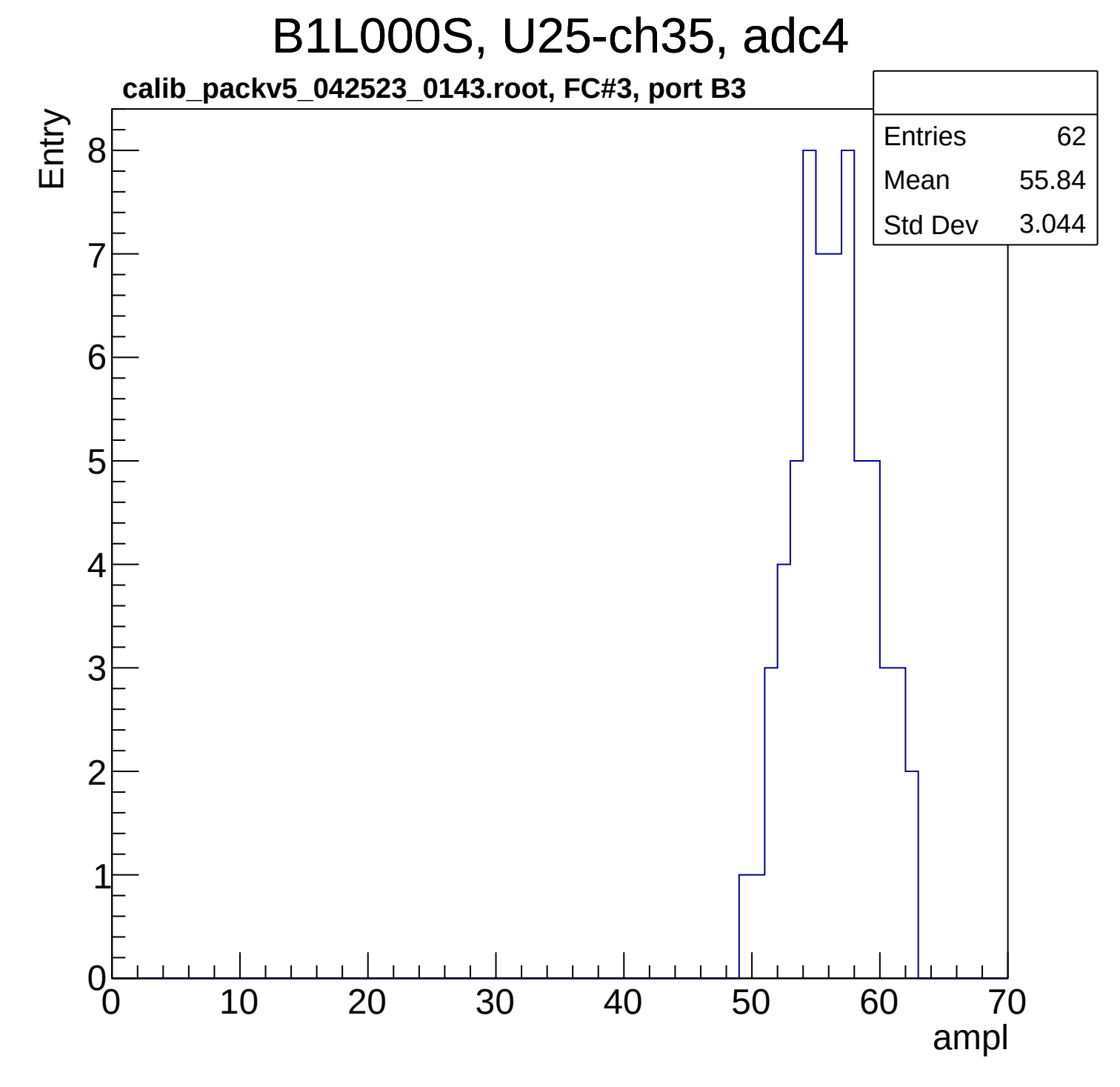
B1L000S, U25-ch35, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 55.84
Std Dev 3.044
Entry
ampl
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3
4
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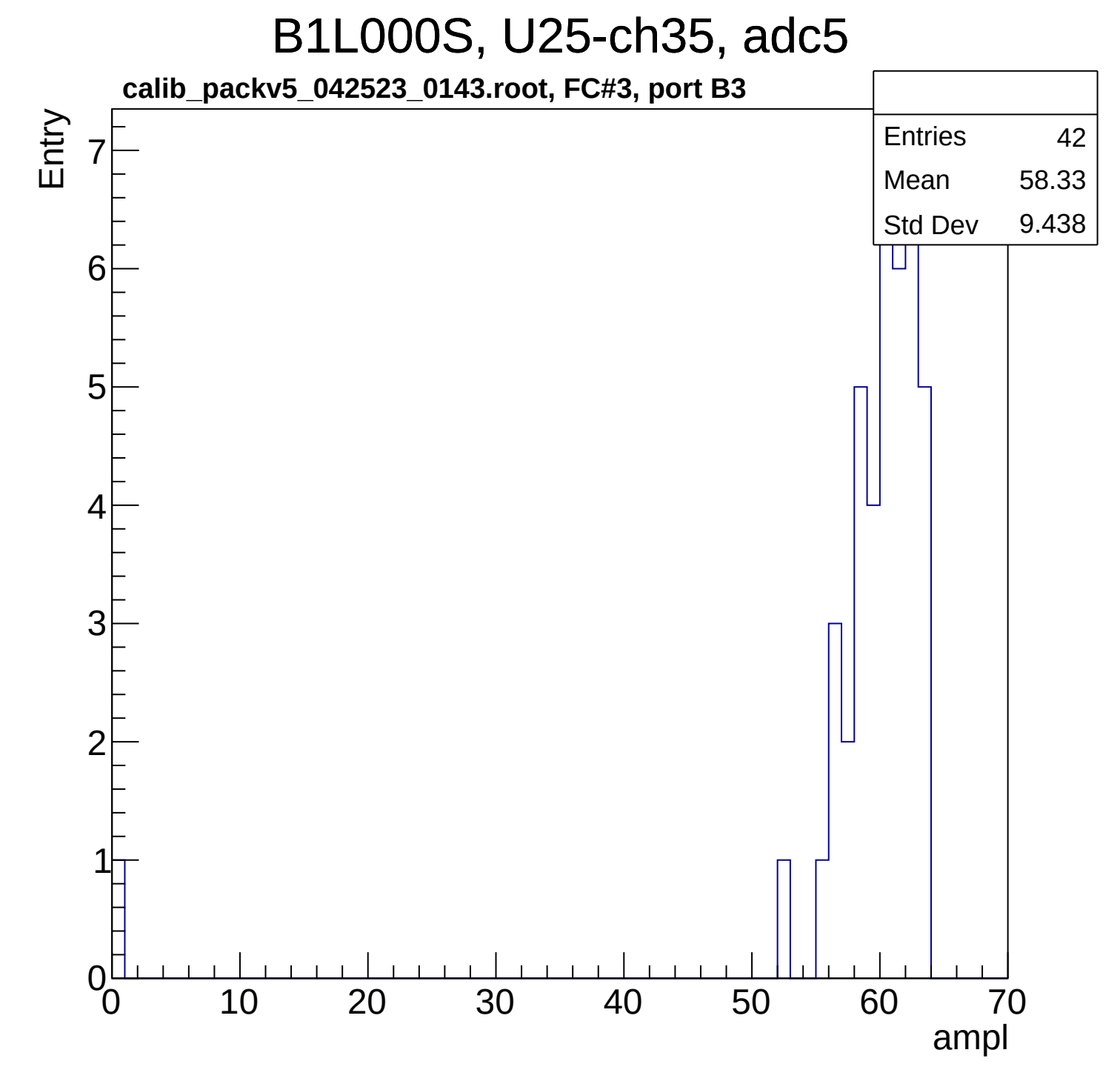
B1L000S, U25-ch35, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 58.33
Std Dev 9.438
Entry
ampl
0
1
2
3
4
5
6
7
0
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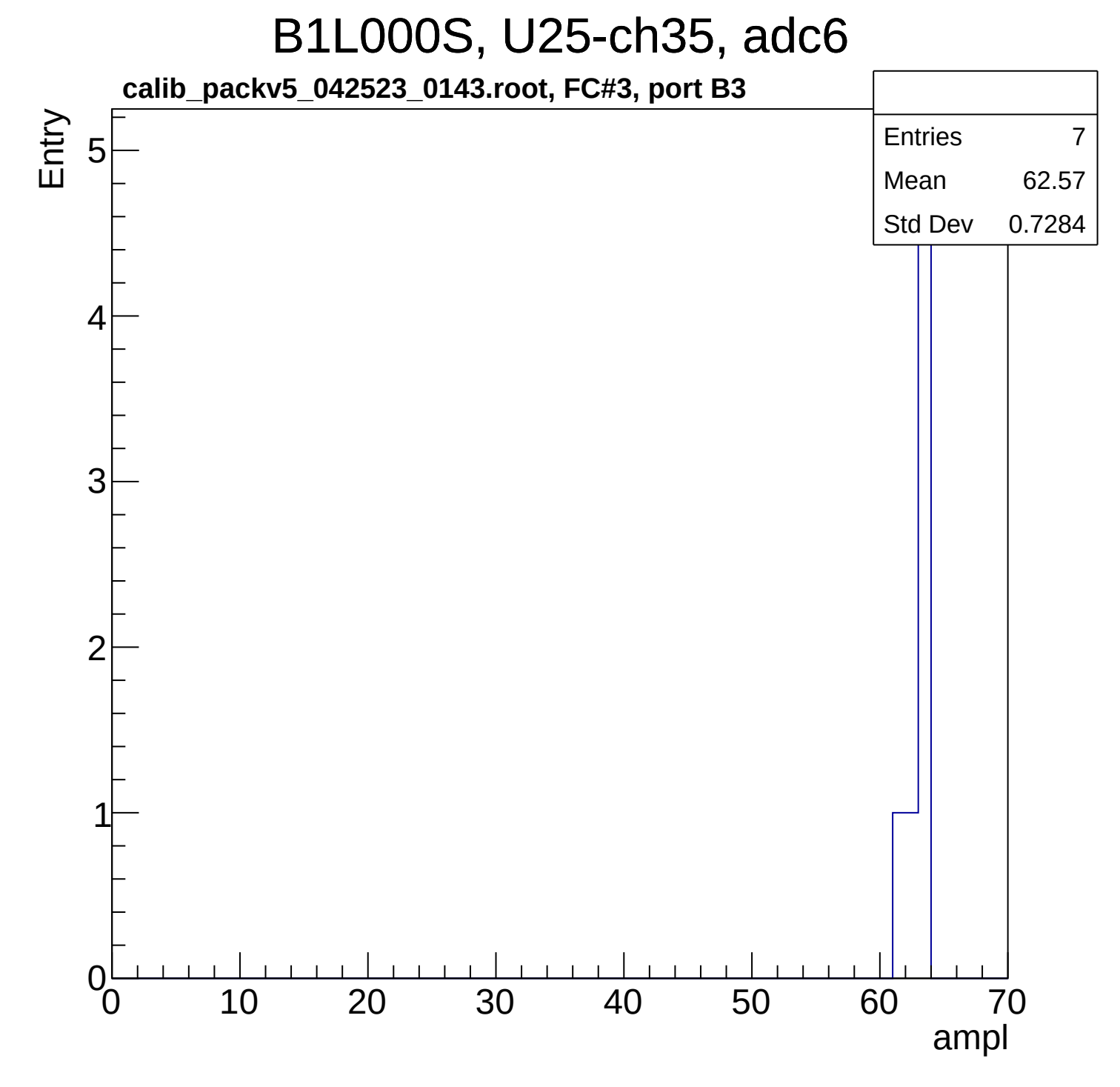
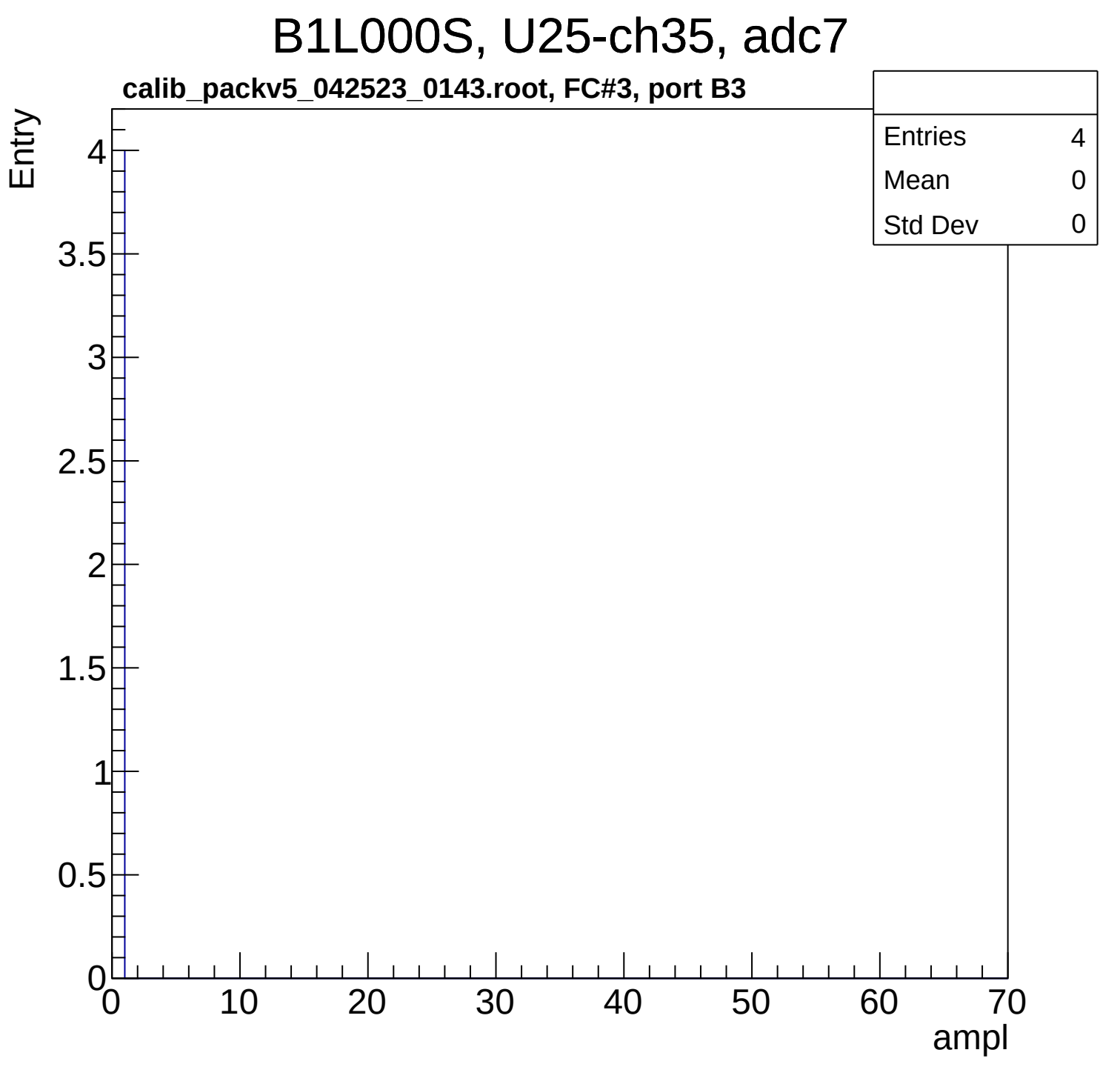
60
70


B1L000S, U25-ch35, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 7
Mean 62.57
Std Dev 0.7284
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch35, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 0
Std Dev 0
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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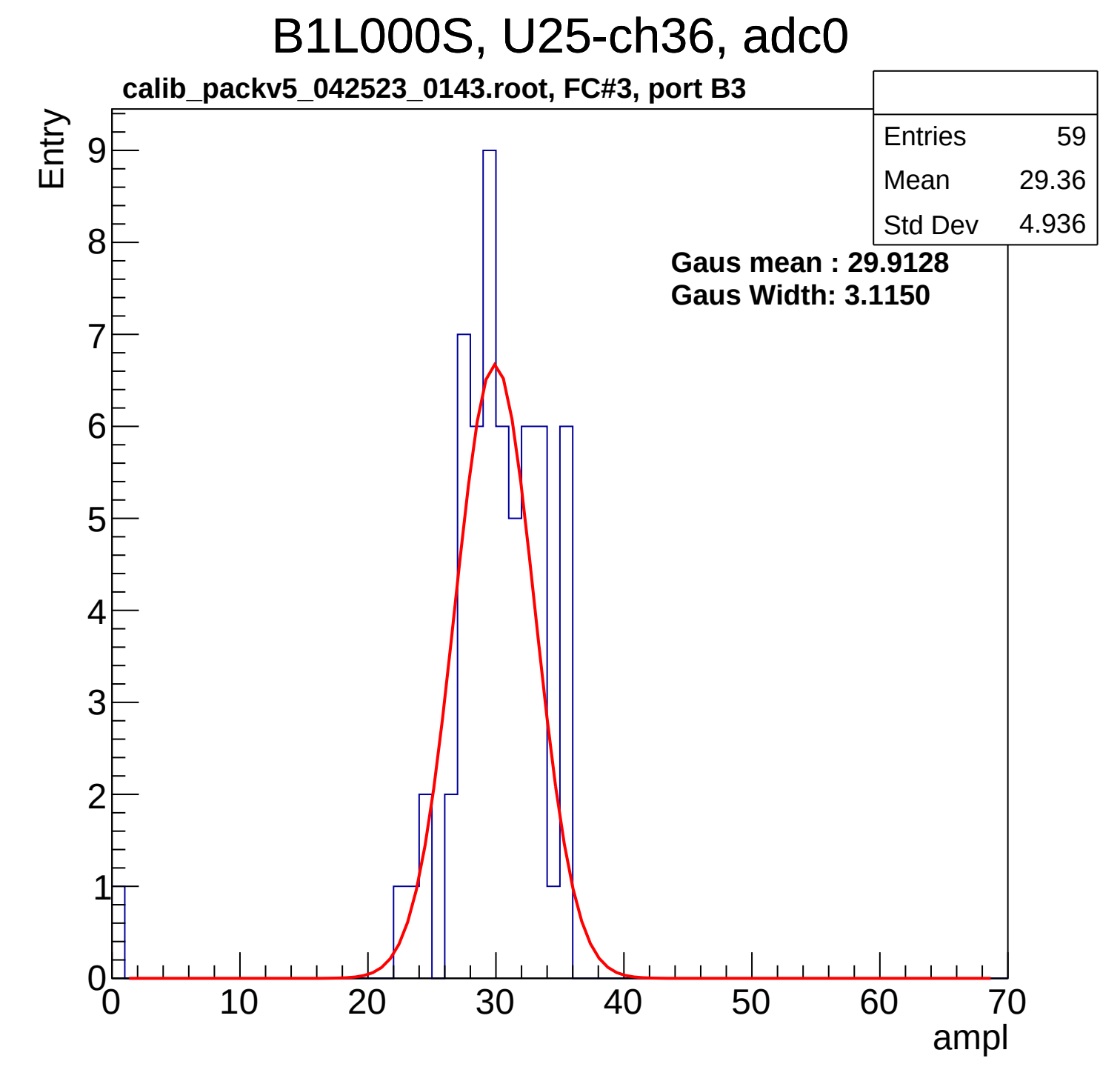
B1L000S, U25-ch36, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 29.36
Std Dev 4.936
Gaus mean : 29.9128
Gaus Width: 3.1150
Entry
ampl
0
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2
3
4
5
6
7
8
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0
10
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40
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60
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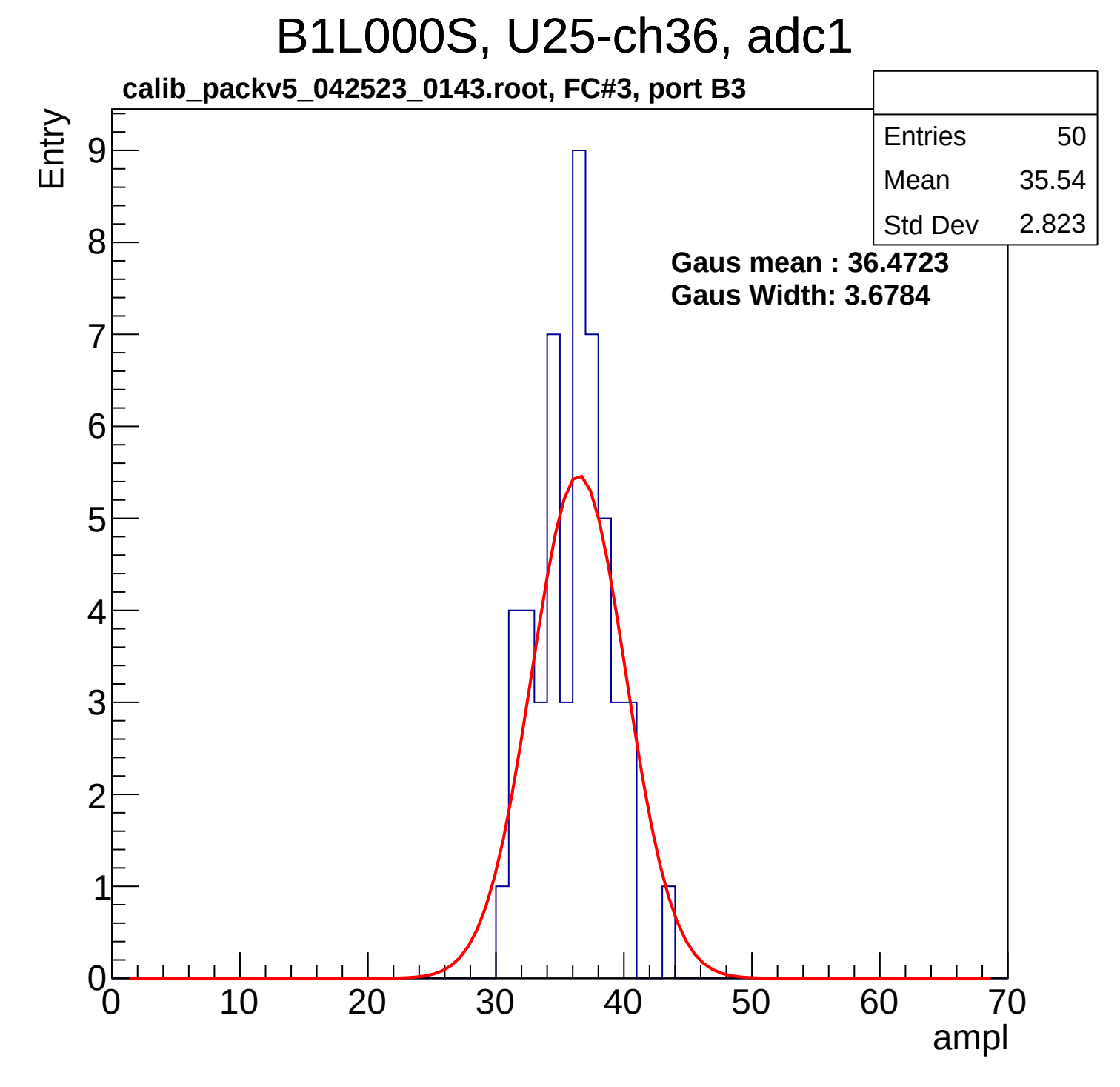
B1L000S, U25-ch36, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 35.54
Std Dev 2.823
Gaus mean : 36.4723
Gaus Width: 3.6784
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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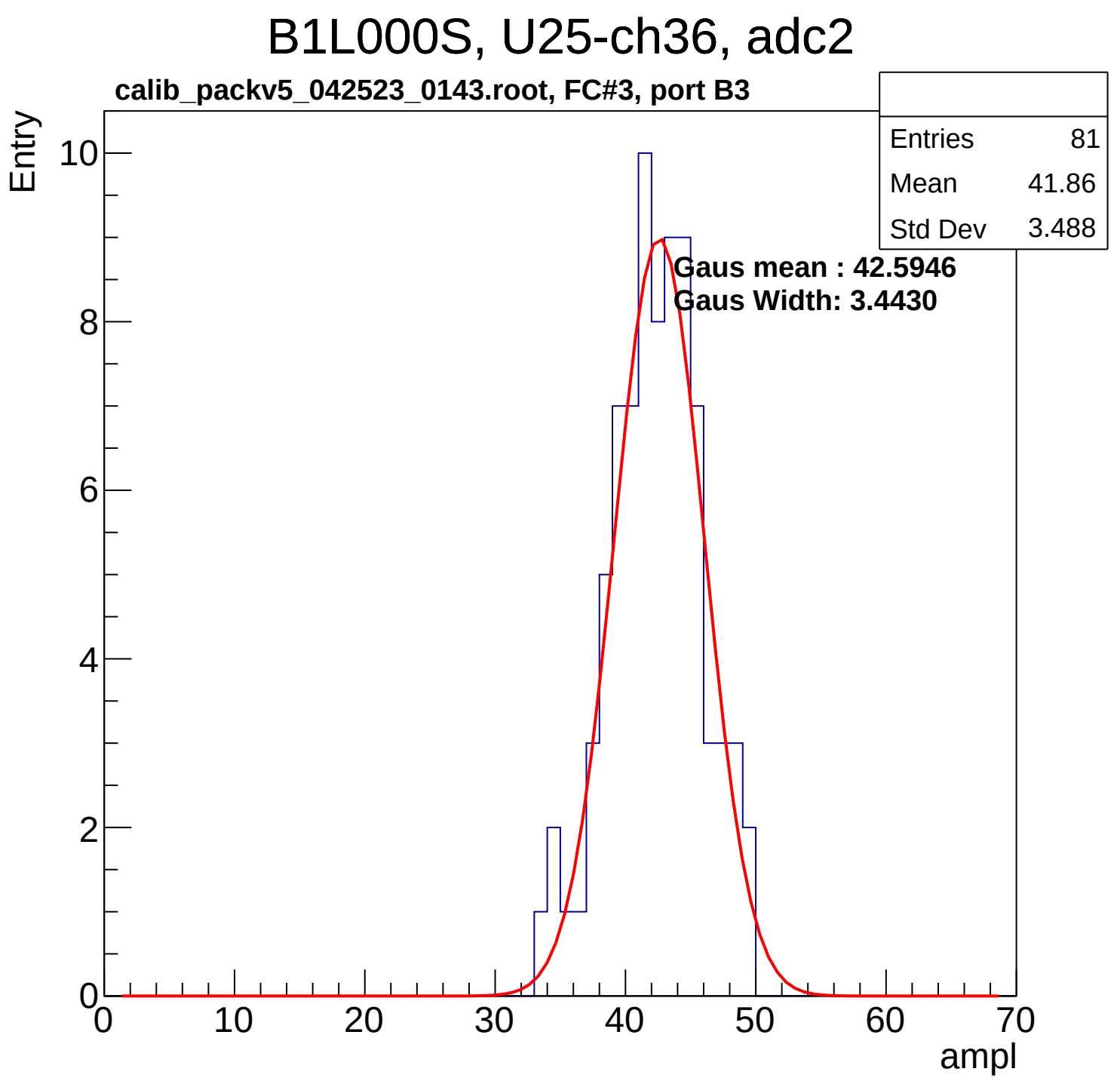
B1L000S, U25-ch36, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 81
Mean 41.86
Std Dev 3.488
Gaus mean : 42.5946
Gaus Width: 3.4430
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
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60
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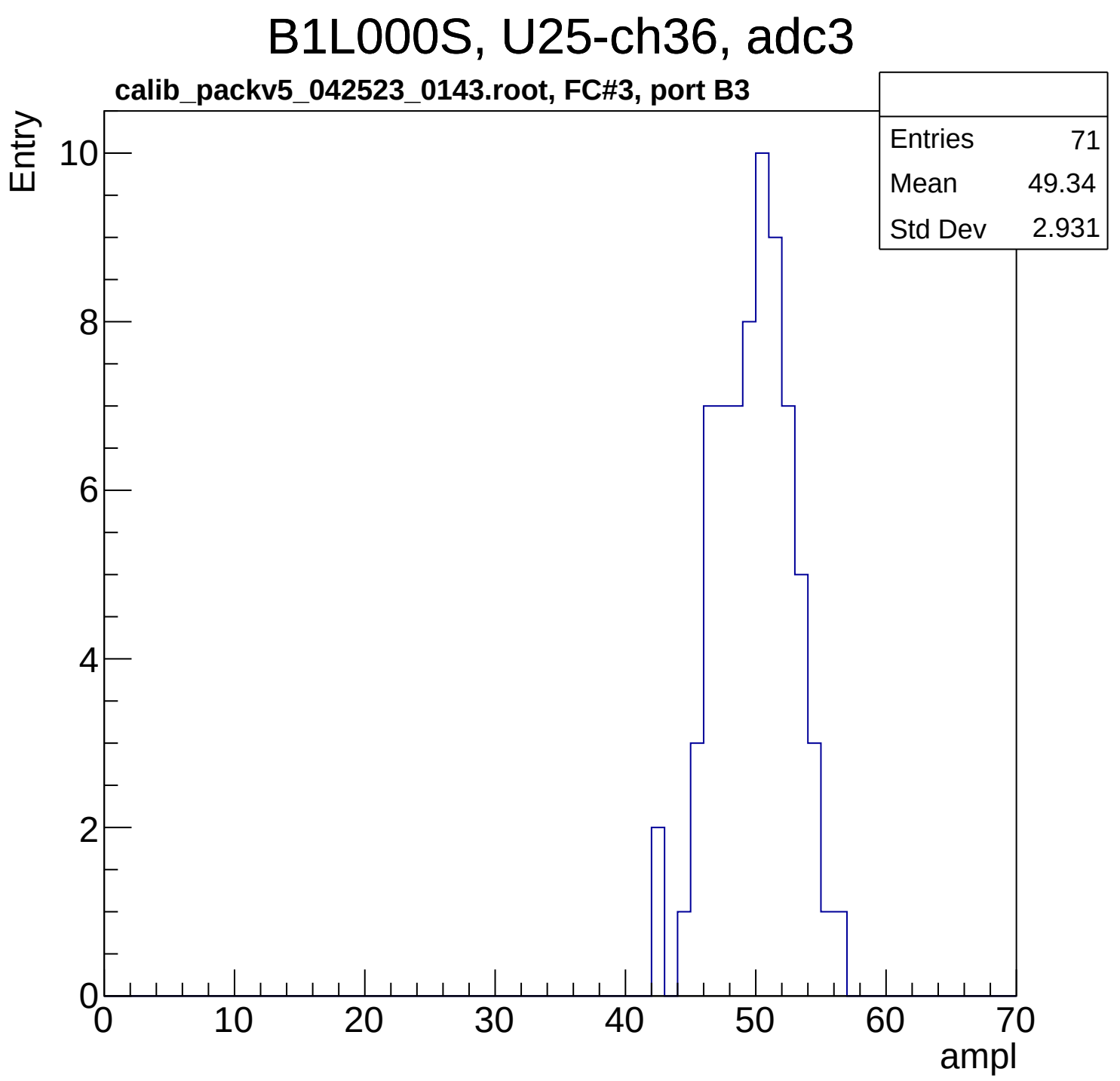
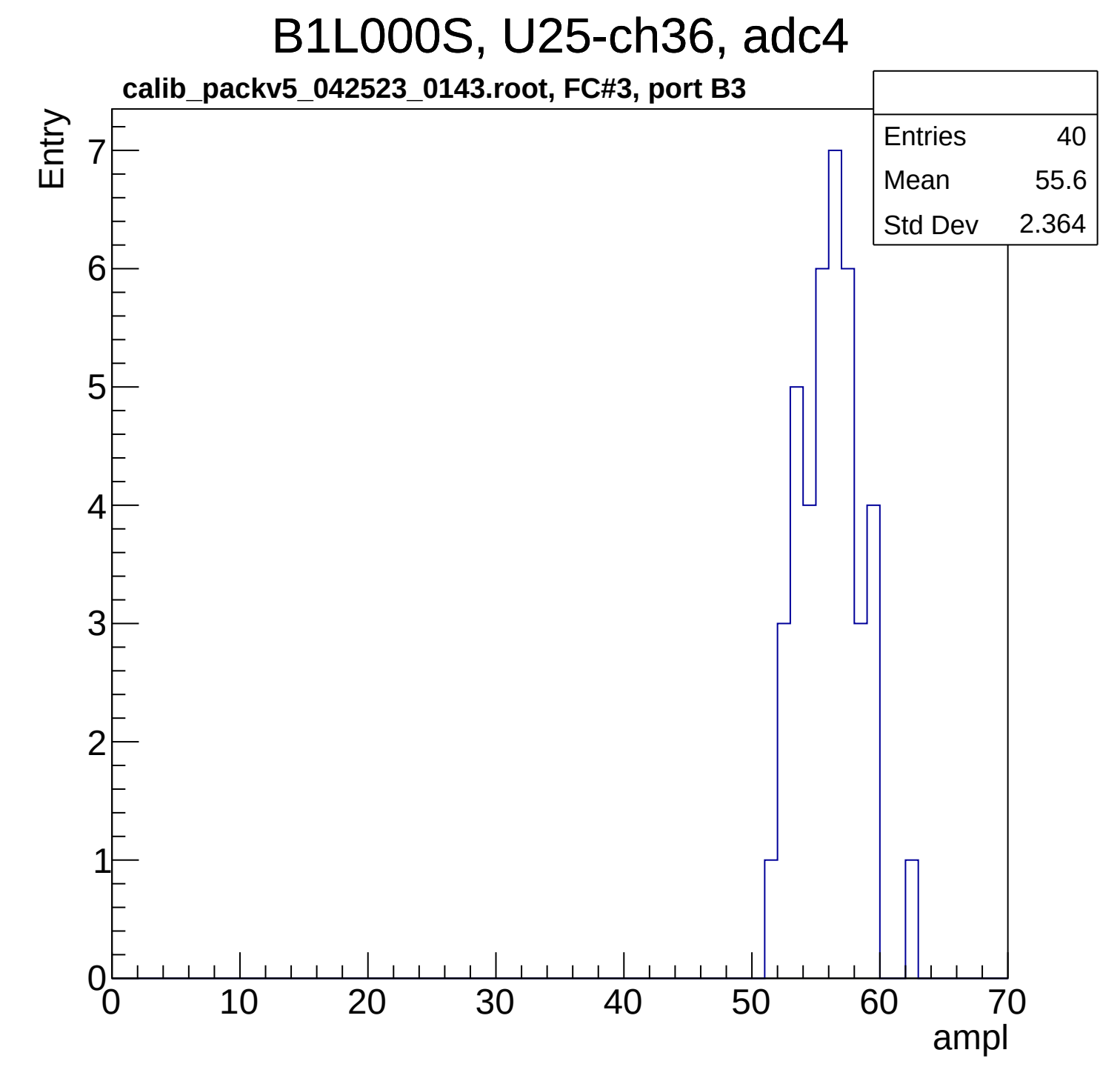

B1L000S, U25-ch36, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 49.34
Std Dev 2.931
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch36, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 40
Mean 55.6
Std Dev 2.364
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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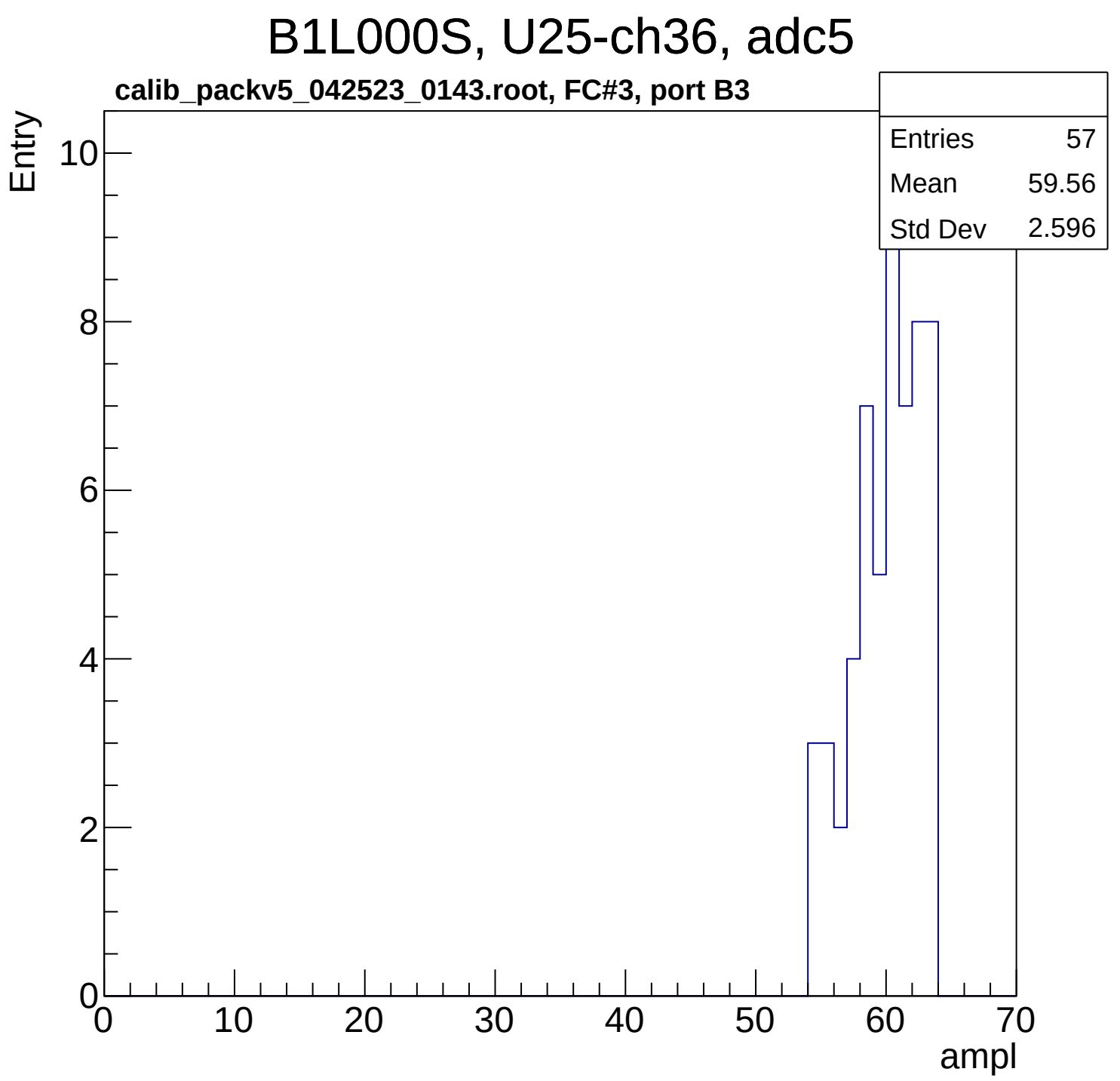
B1L000S, U25-ch36, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 59.56
Std Dev 2.596
Entry
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2
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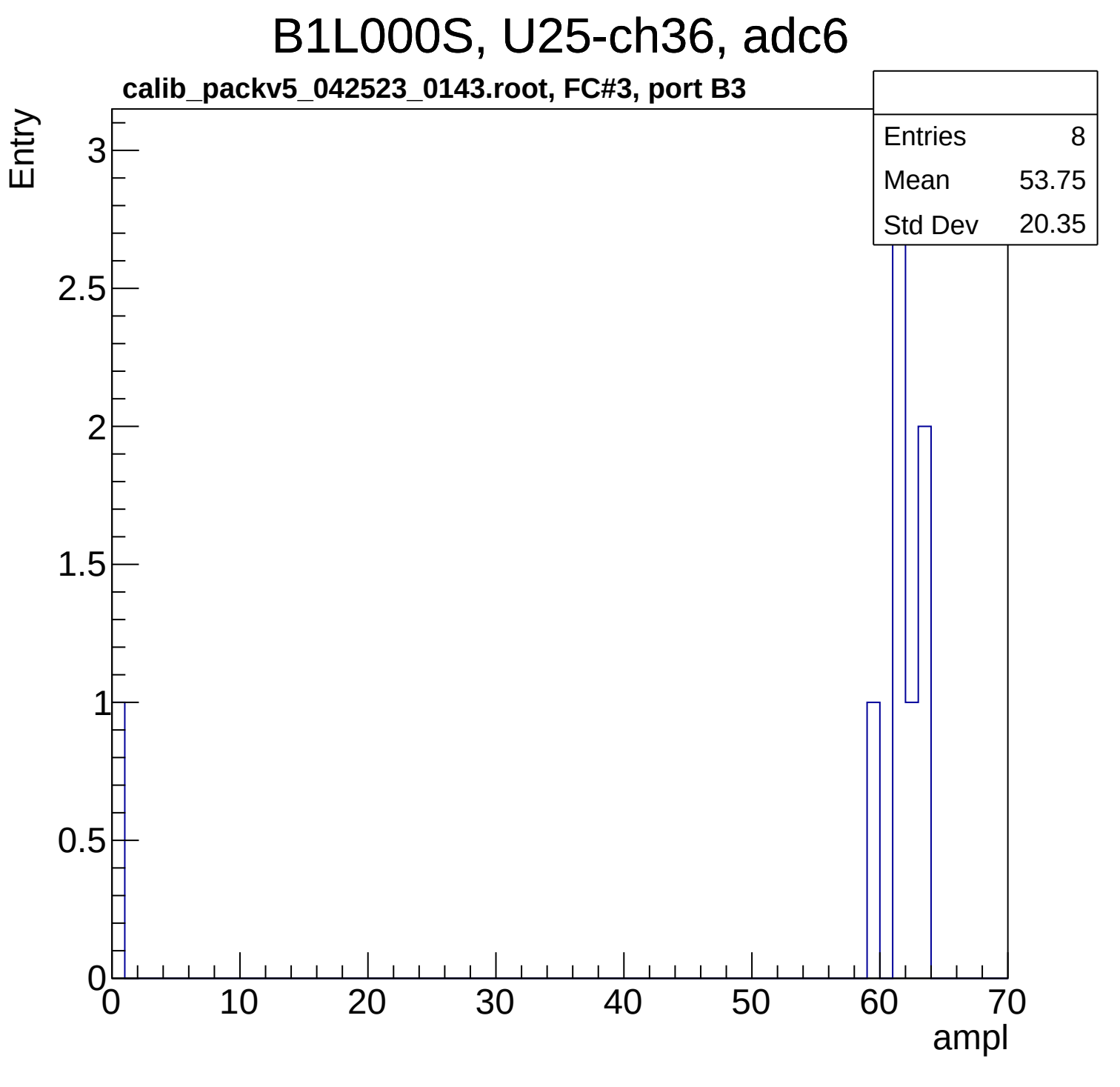
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch36, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 53.75
Std Dev 20.35
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
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40
50
60
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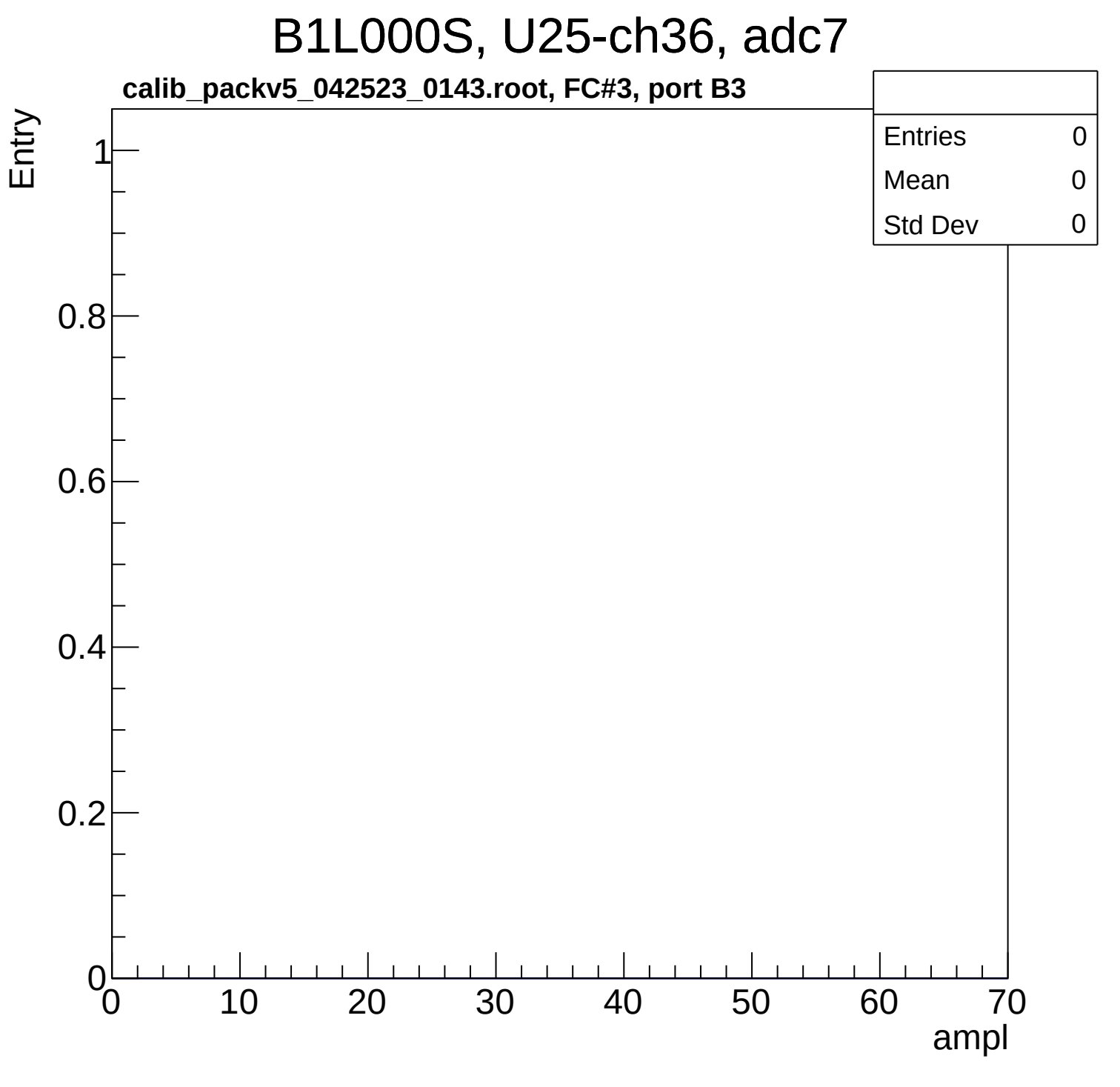
B1L000S, U25-ch36, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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0.8
0.6
0.4
0.2
0
0
10
20
30
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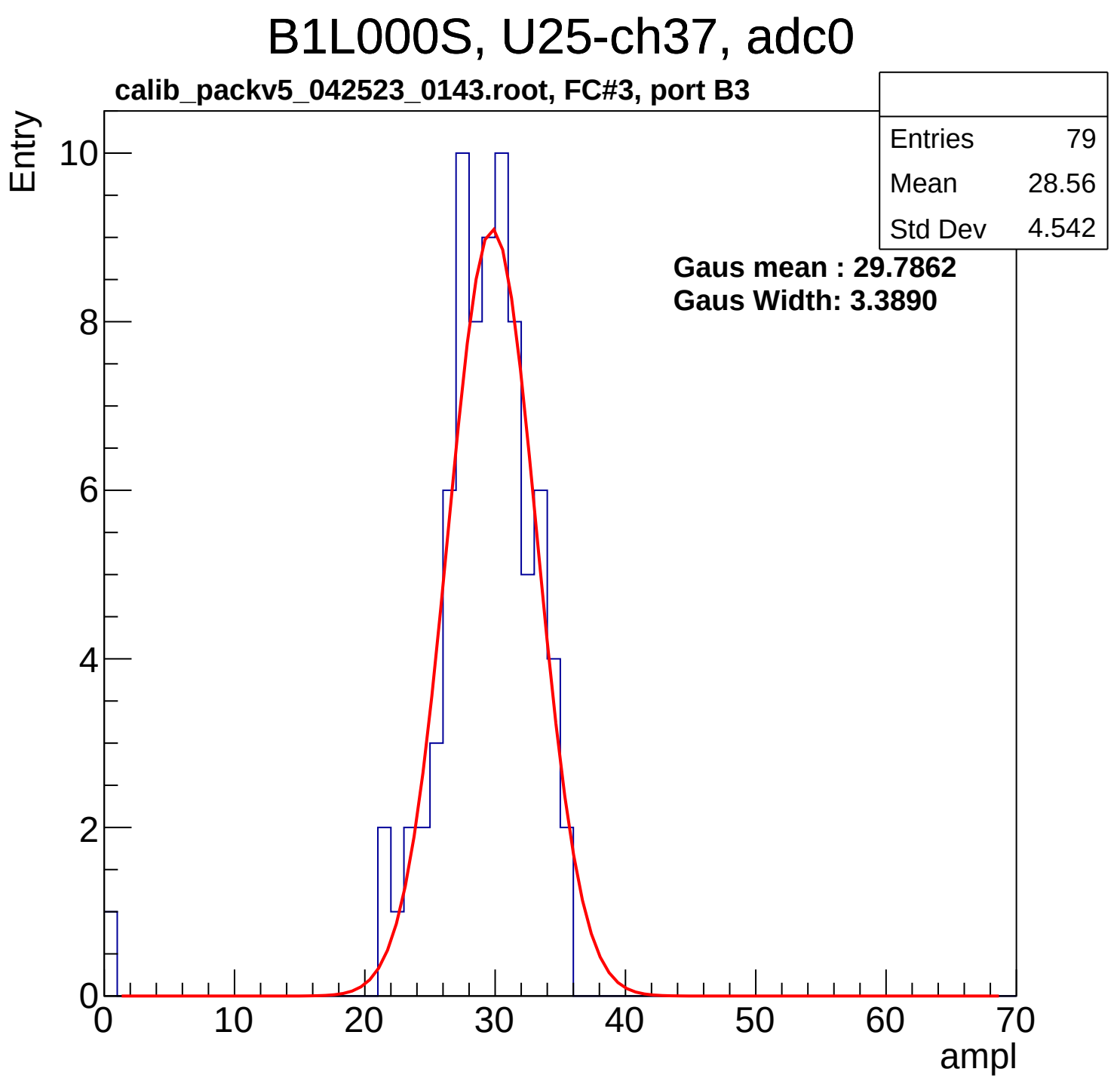
50
60
70
ampl


B1L000S, U25-ch37, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 28.56
Std Dev 4.542
Gaus mean : 29.7862
Gaus Width: 3.3890
Entry
ampl
0
2
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6
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0
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40
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60
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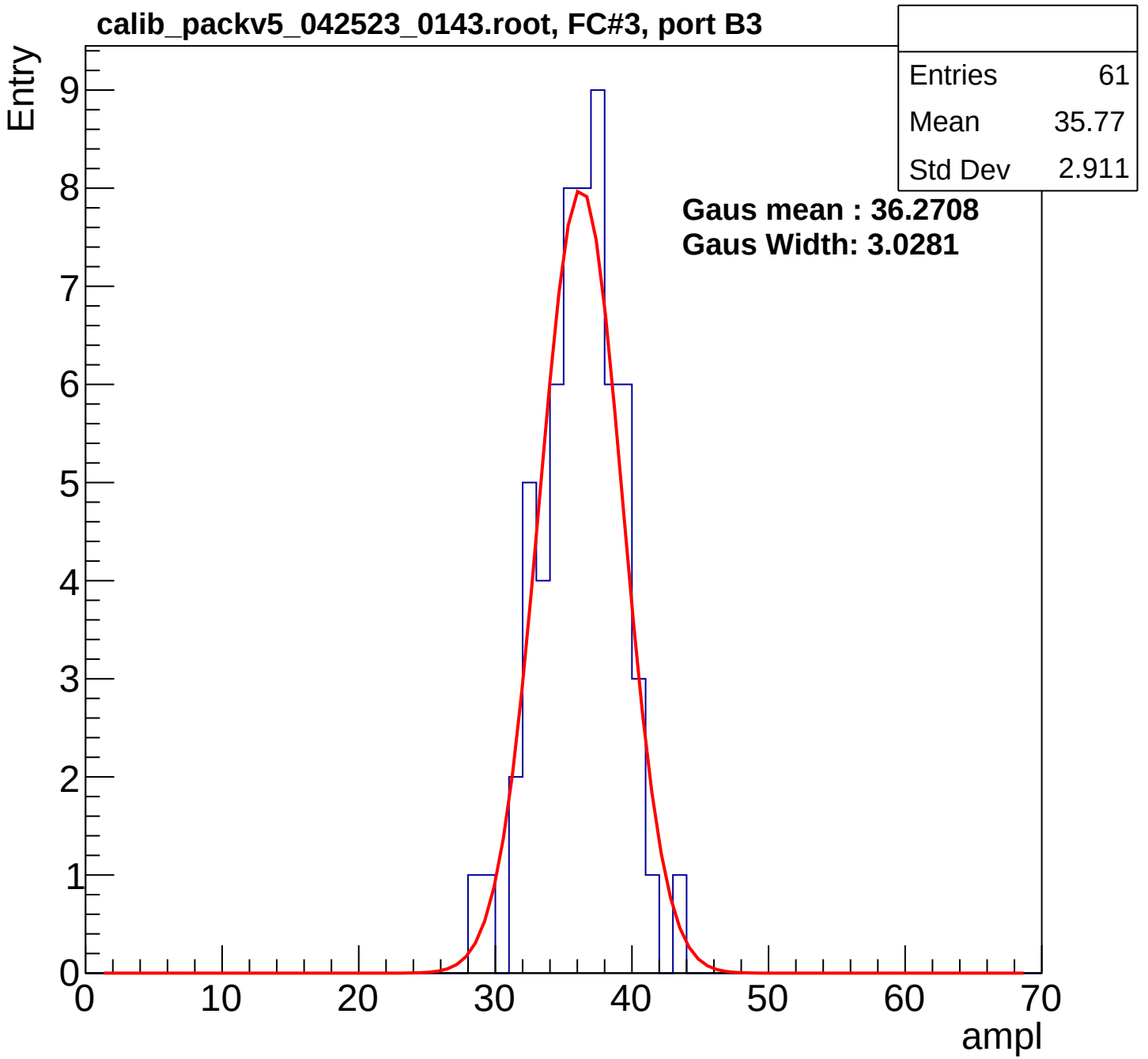
B1L000S, U25-ch37, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 35.77
Std Dev 2.911
Gaus mean : 36.2708
Gaus Width: 3.0281
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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60
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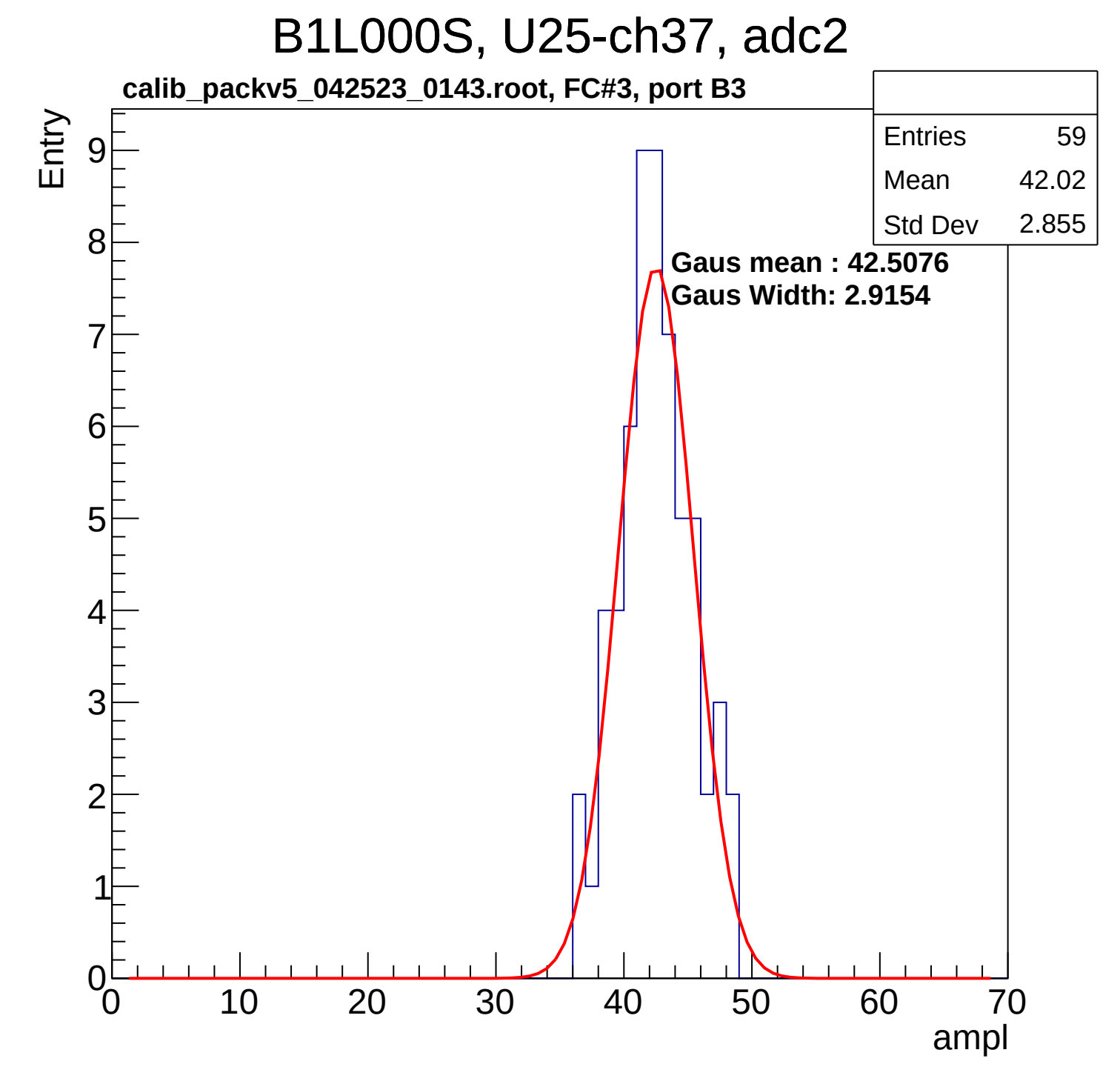
B1L000S, U25-ch37, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 42.02
Std Dev 2.855
Gaus mean : 42.5076
Gaus Width: 2.9154
Entry
ampl
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3
4
5
6
7
8
9
0
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60
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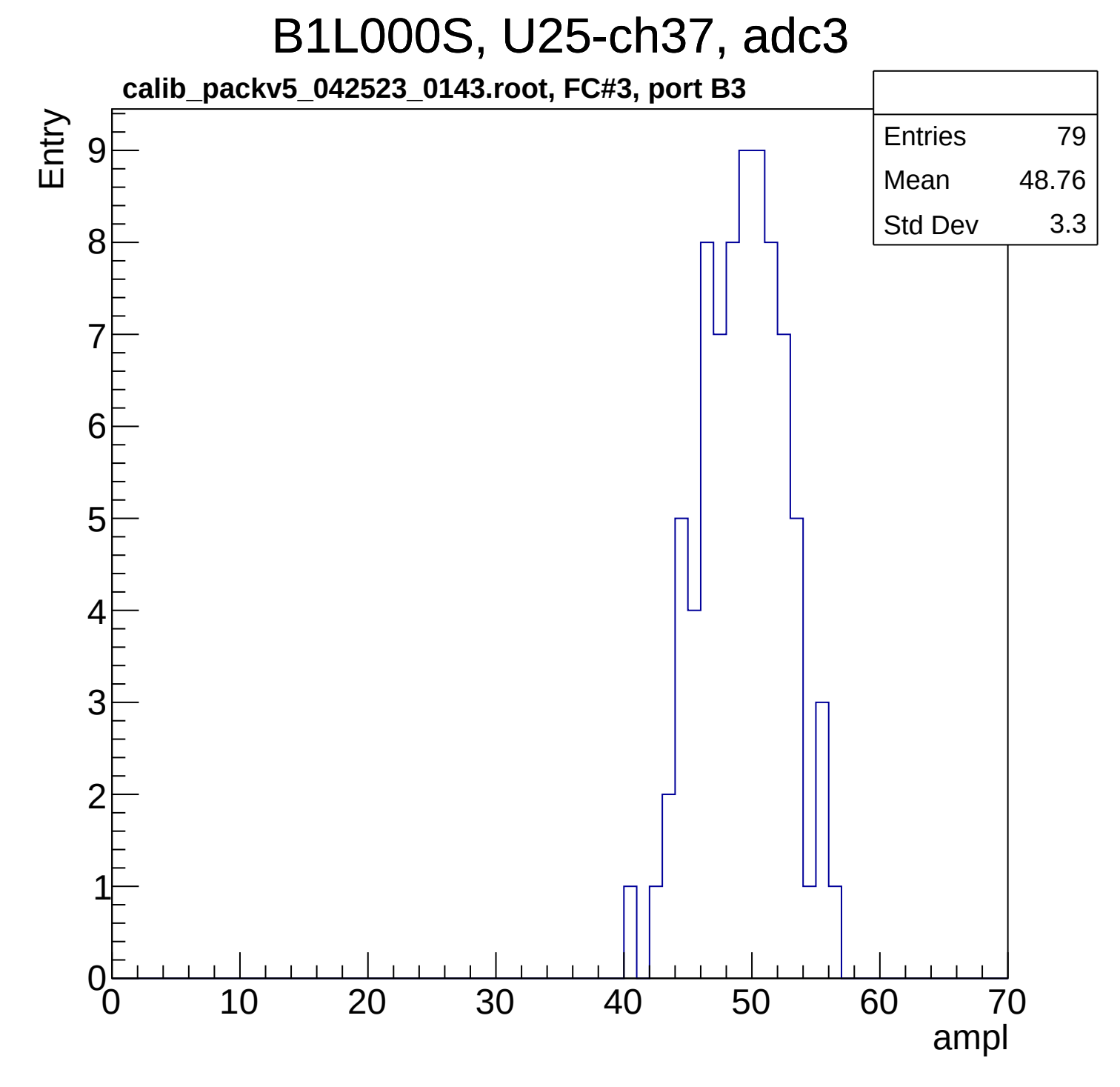
B1L000S, U25-ch37, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 48.76
Std Dev 3.3
Entry
ampl
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4
5
6
7
8
9
0
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40
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60
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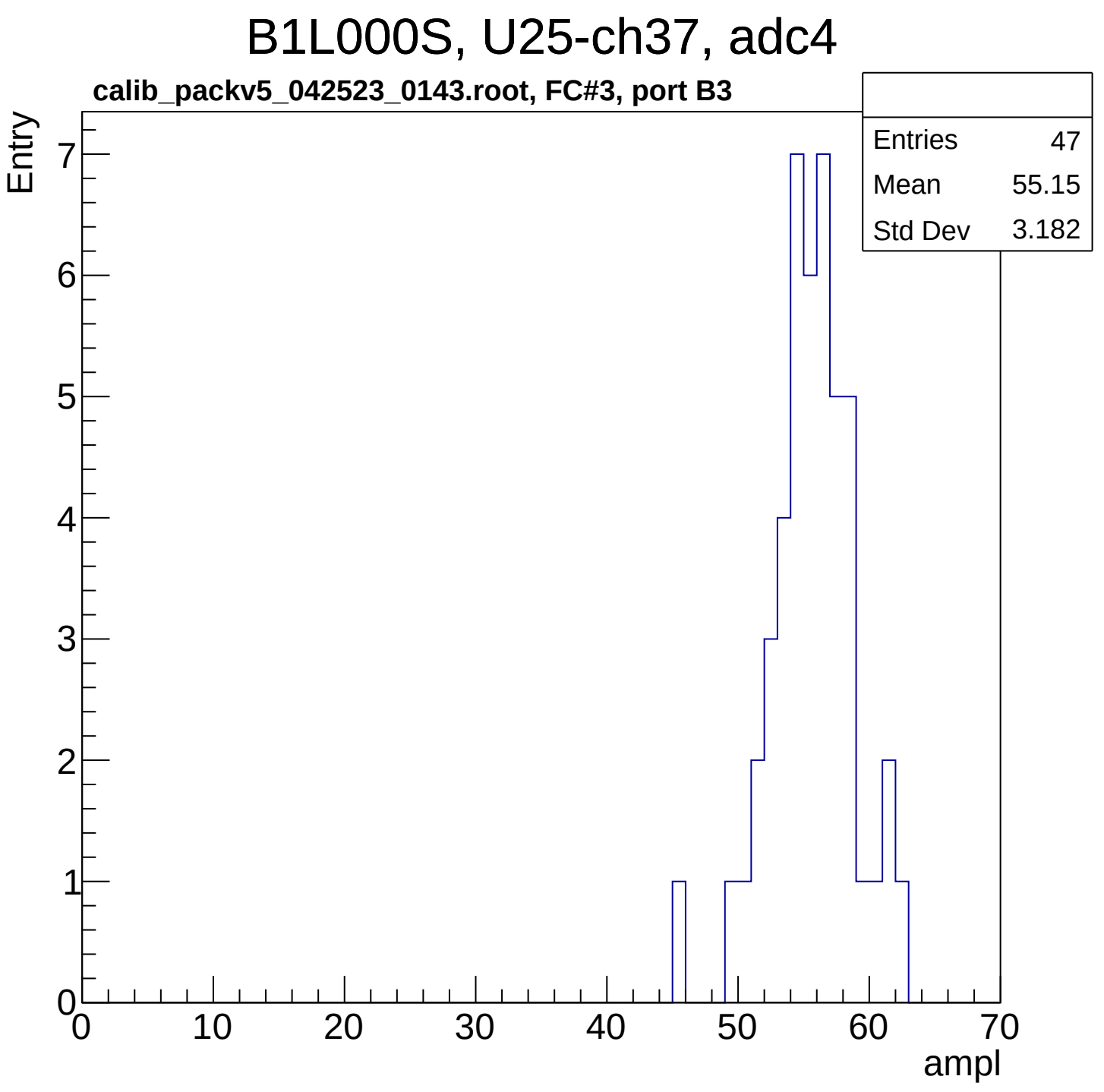
B1L000S, U25-ch37, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 55.15
Std Dev 3.182
Entry
ampl
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0
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60
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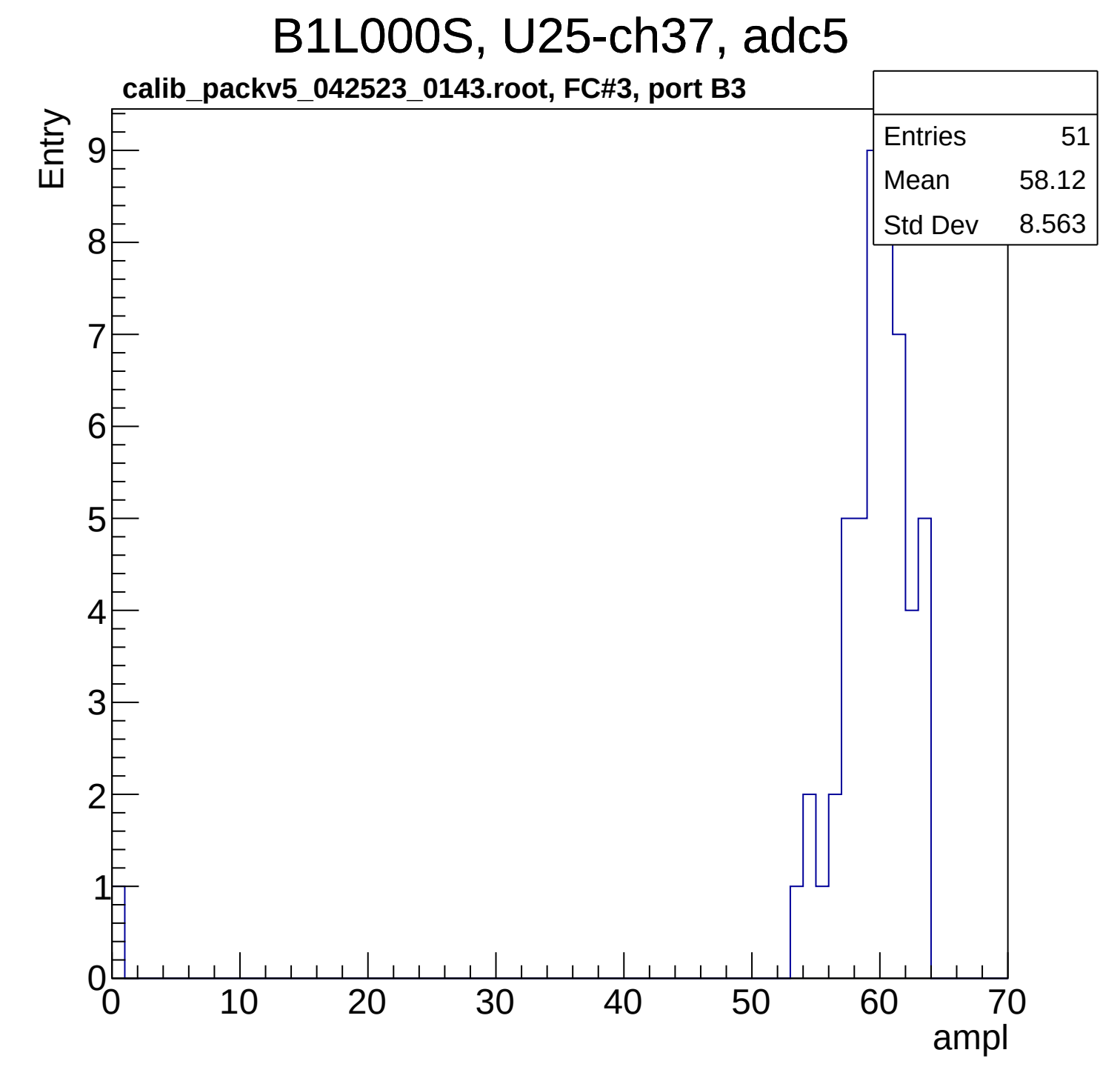
B1L000S, U25-ch37, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 58.12
Std Dev 8.563
Entry
ampl
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0
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60
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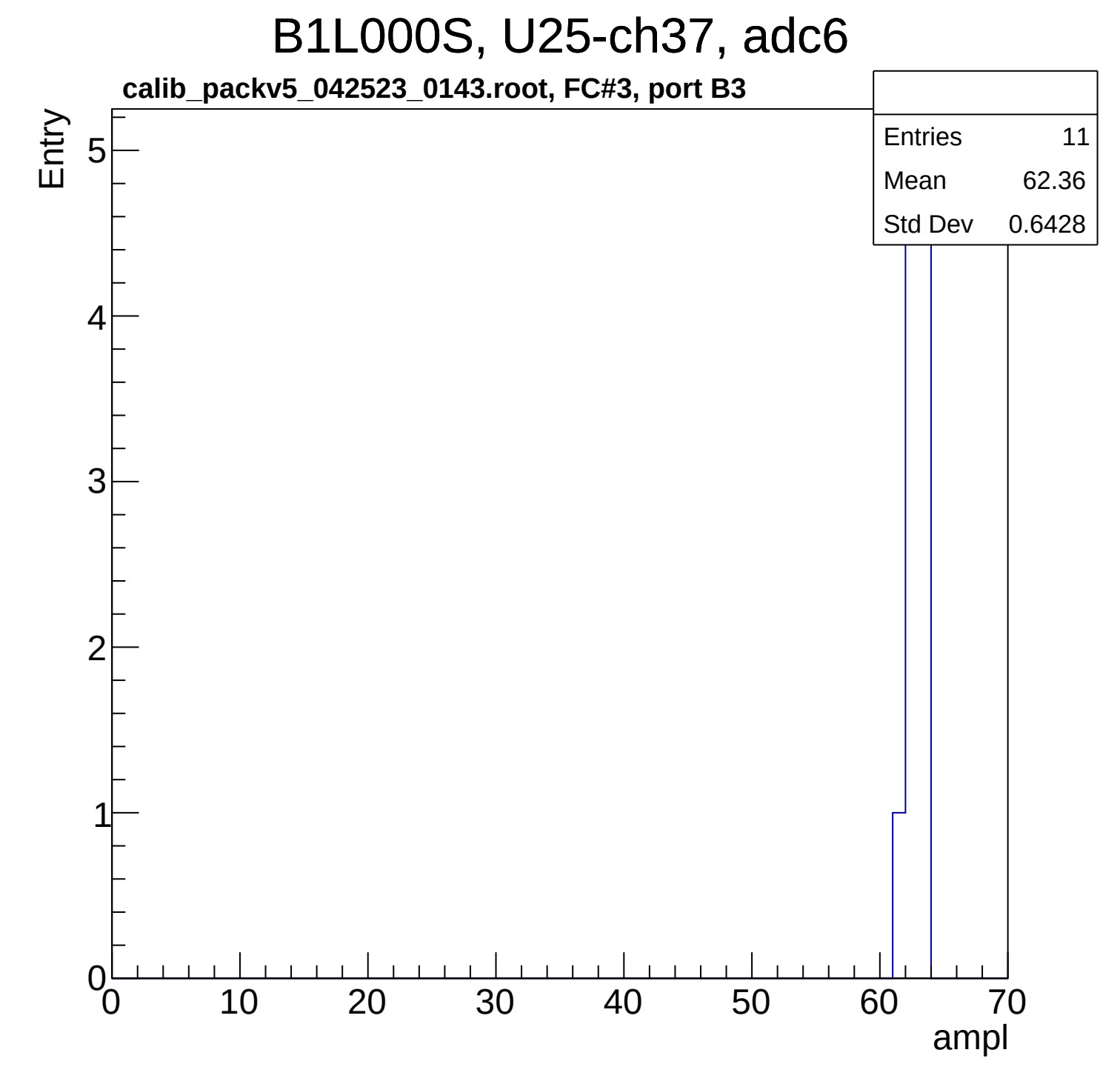
B1L000S, U25-ch37, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 62.36
Std Dev 0.6428
Entry
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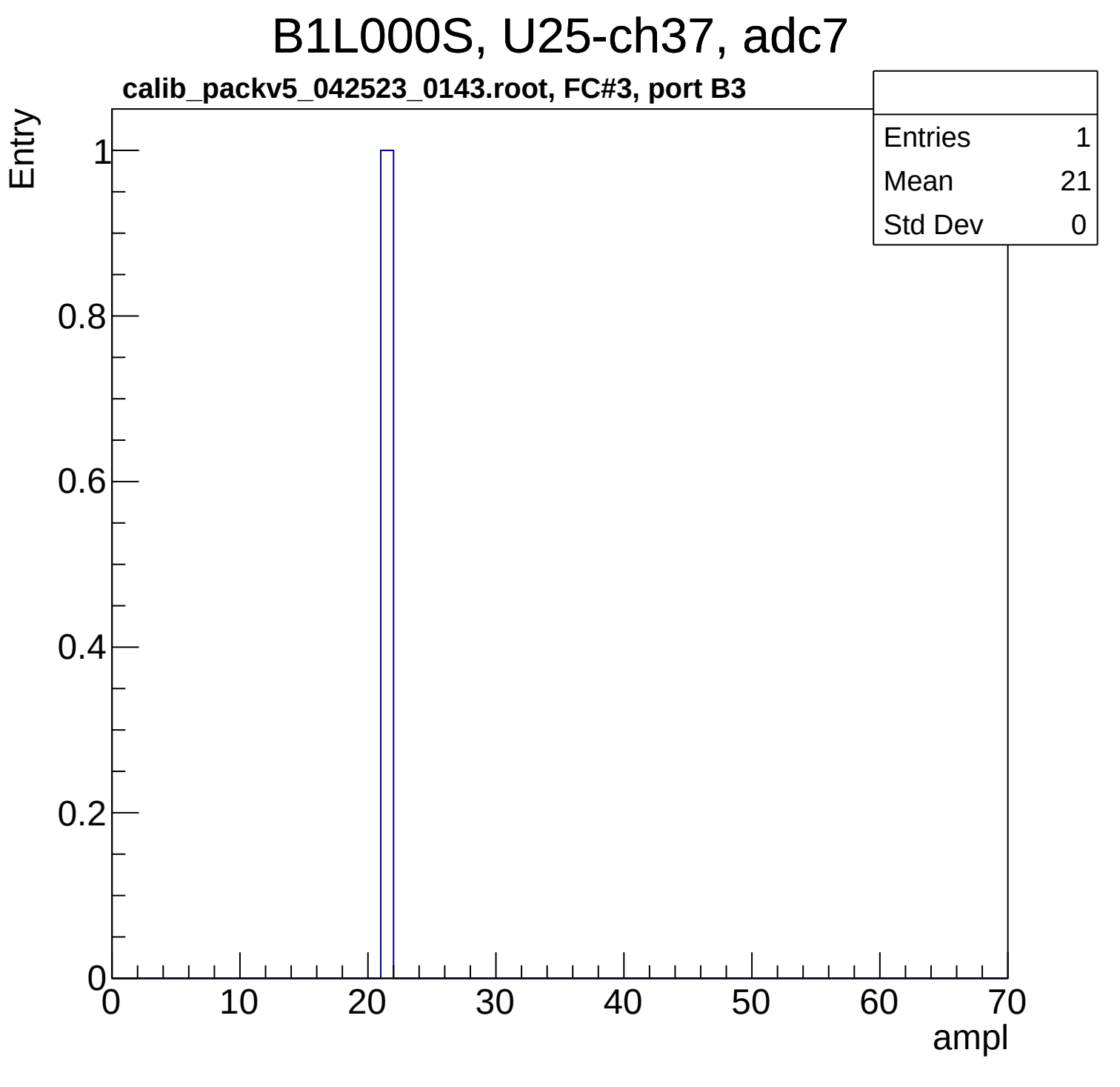
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch37, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 21
Std Dev 0
Entry
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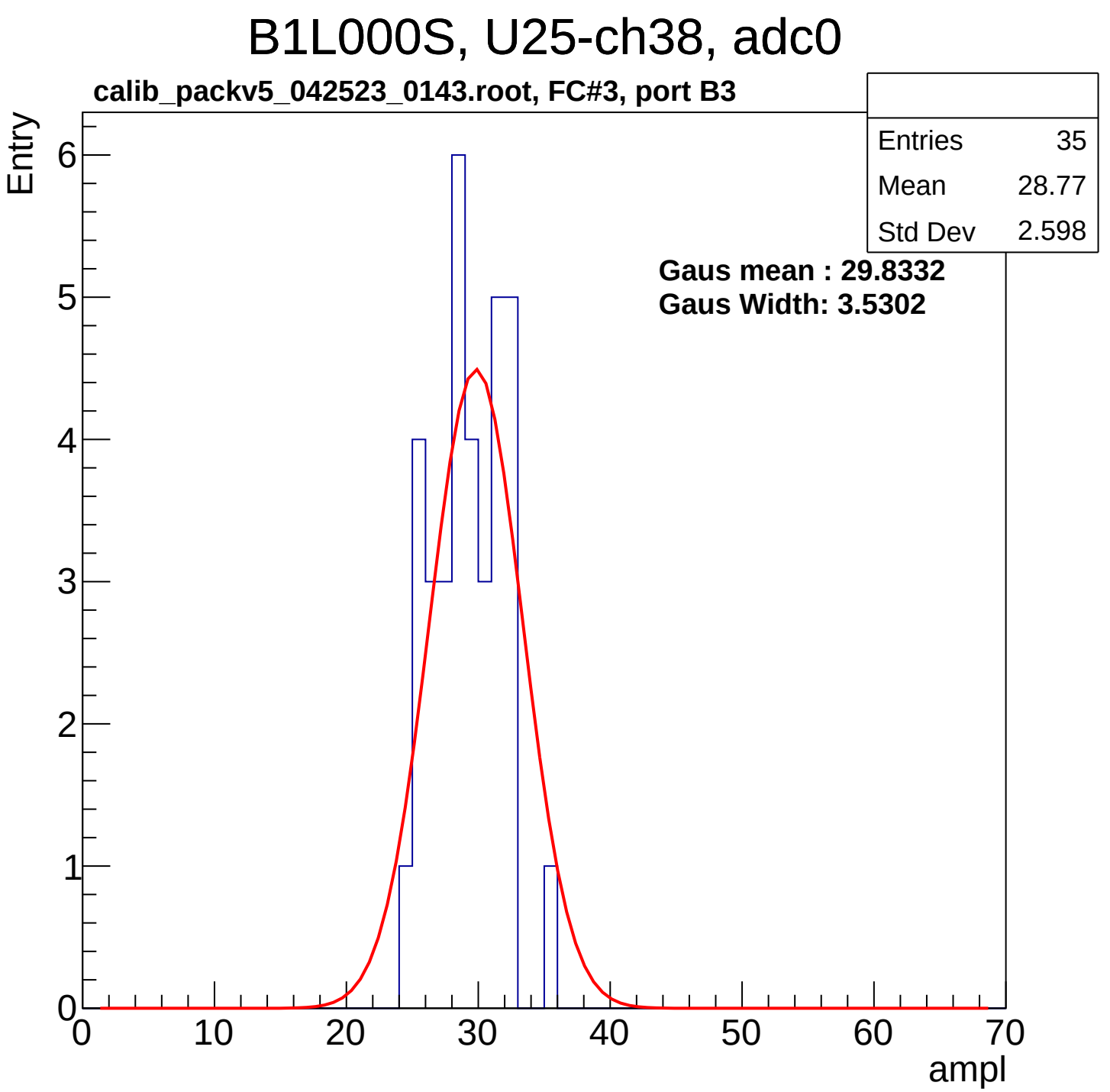
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch38, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 35
Mean 28.77
Std Dev 2.598
Gaus mean : 29.8332
Gaus Width: 3.5302
Entry
ampl
0
1
2
3
4
5
6
0
10
20
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40
50
60
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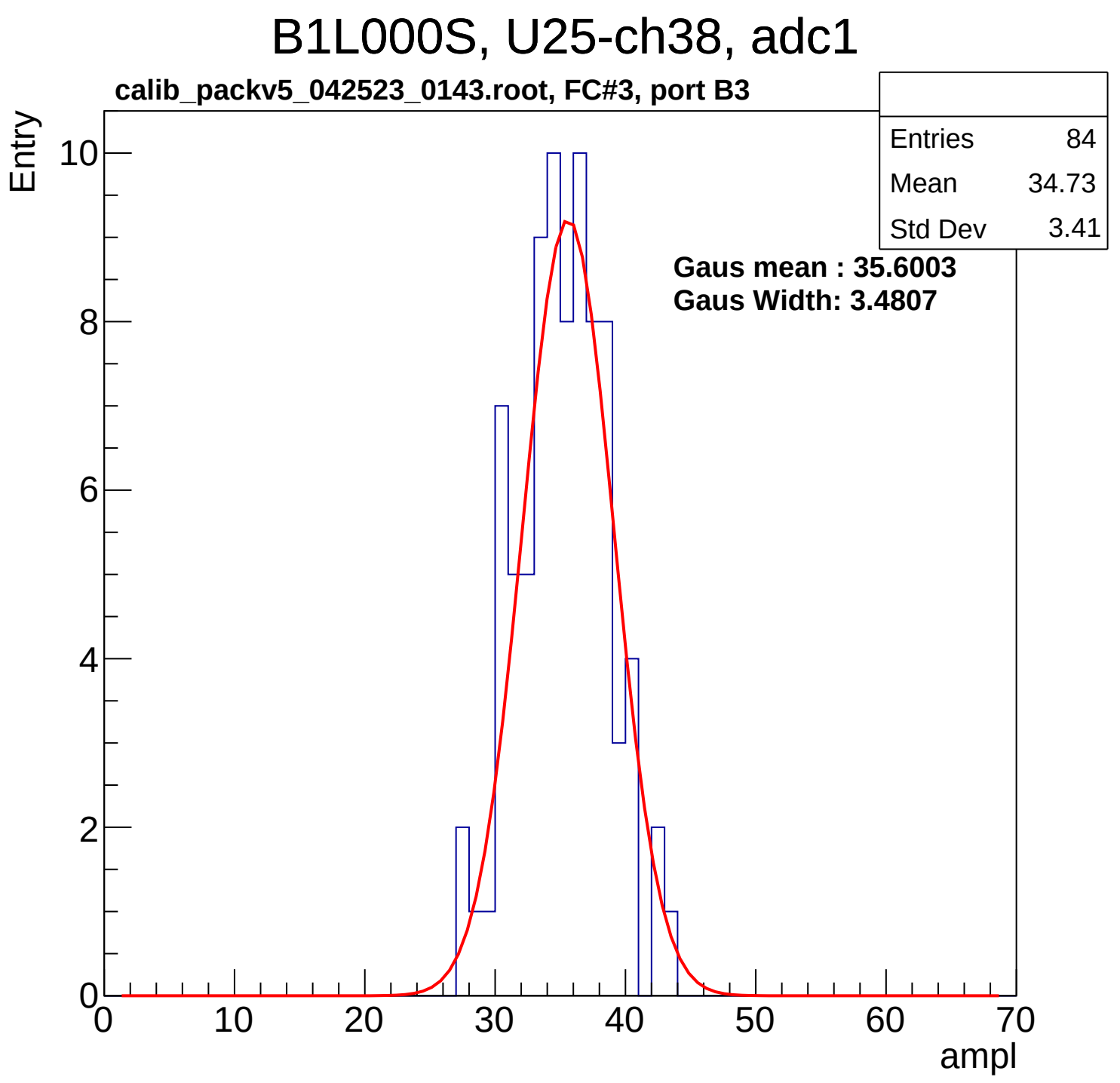
B1L000S, U25-ch38, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 84
Mean 34.73
Std Dev 3.41
Gaus mean : 35.6003
Gaus Width: 3.4807
Entry
ampl
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8
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0
10
20
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40
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60
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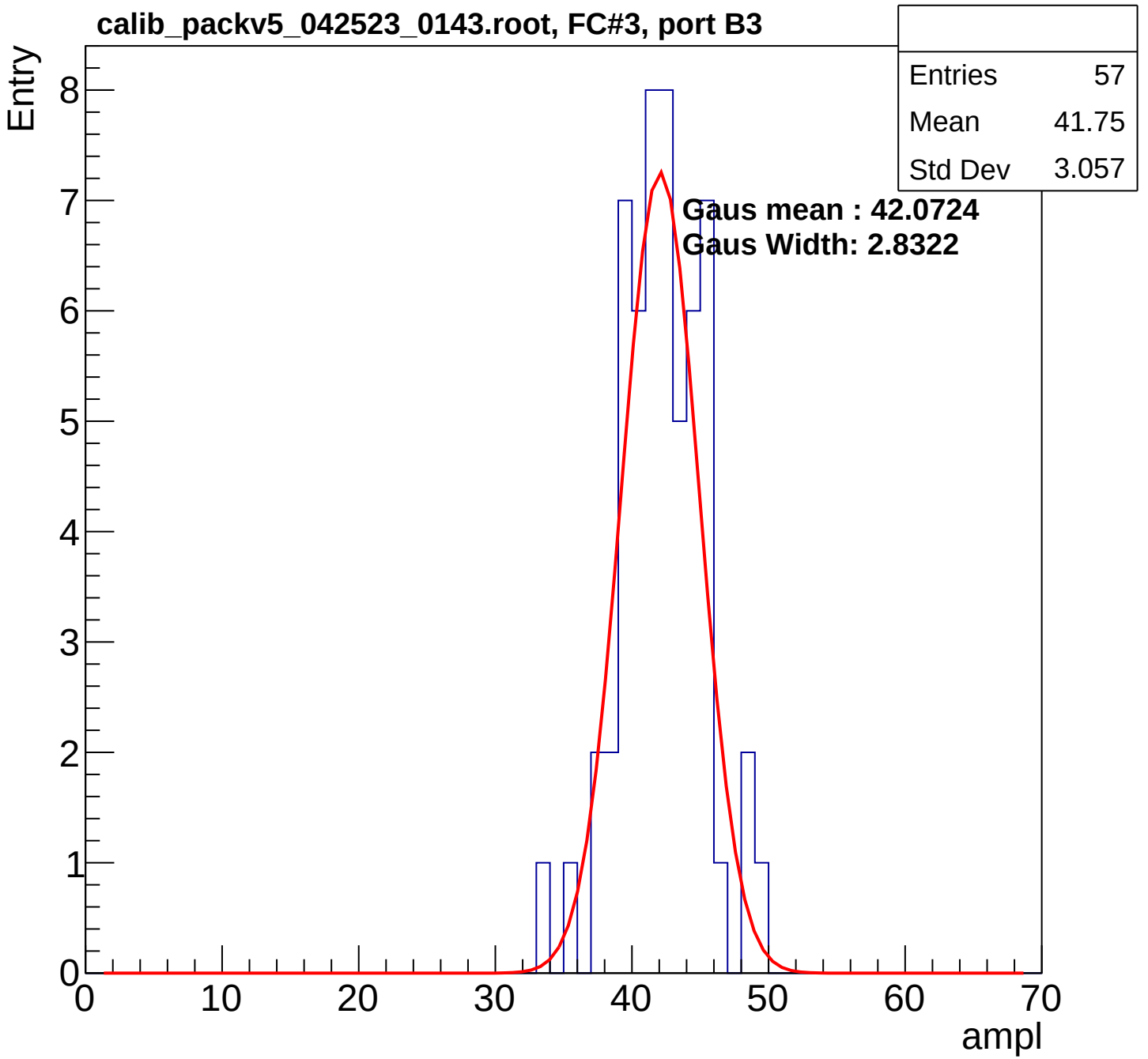
B1L000S, U25-ch38, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 41.75
Std Dev 3.057
Gaus mean : 42.0724
Gaus Width: 2.8322
Entry
ampl
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1
2
3
4
5
6
7
8
0
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60
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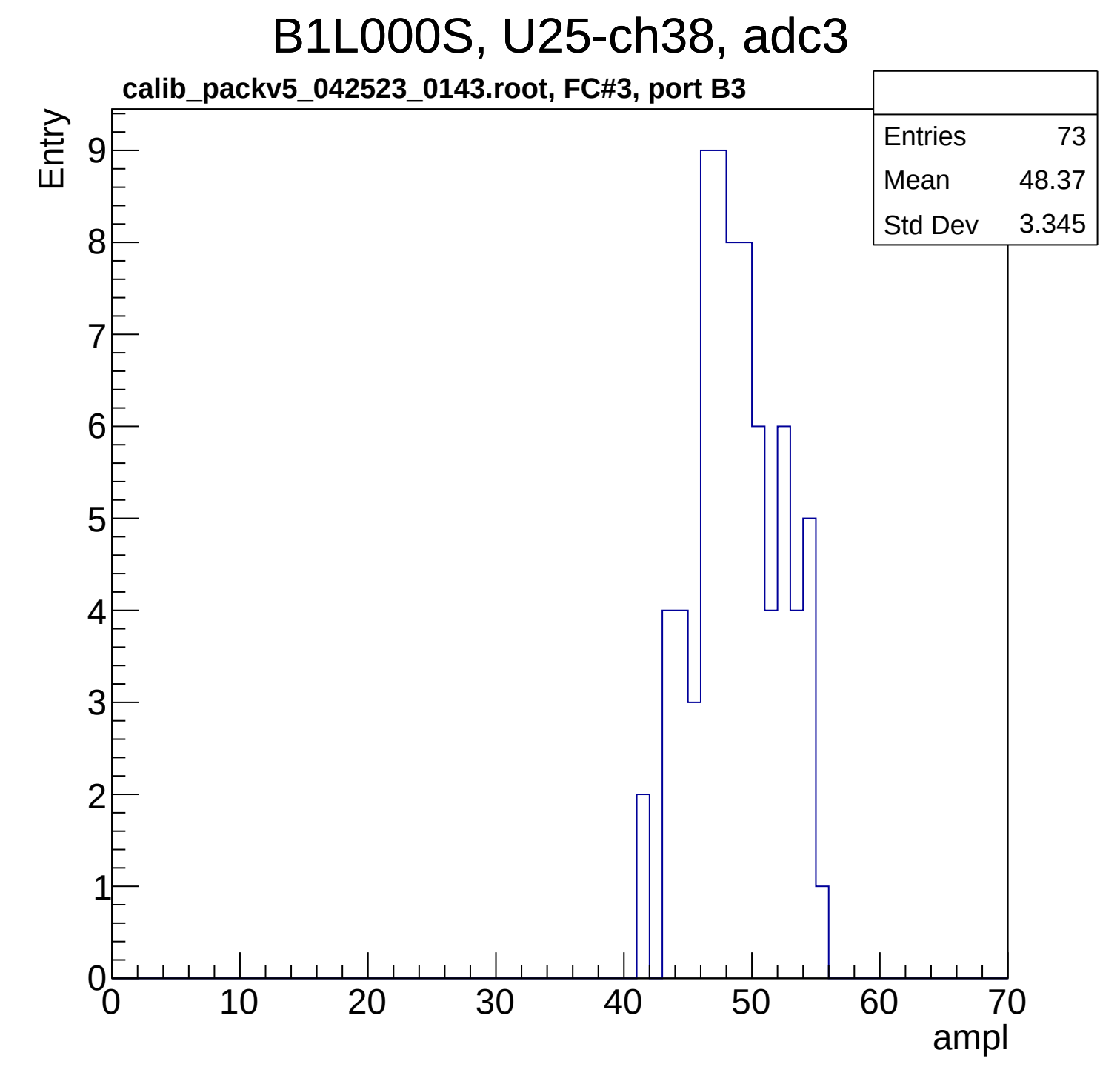
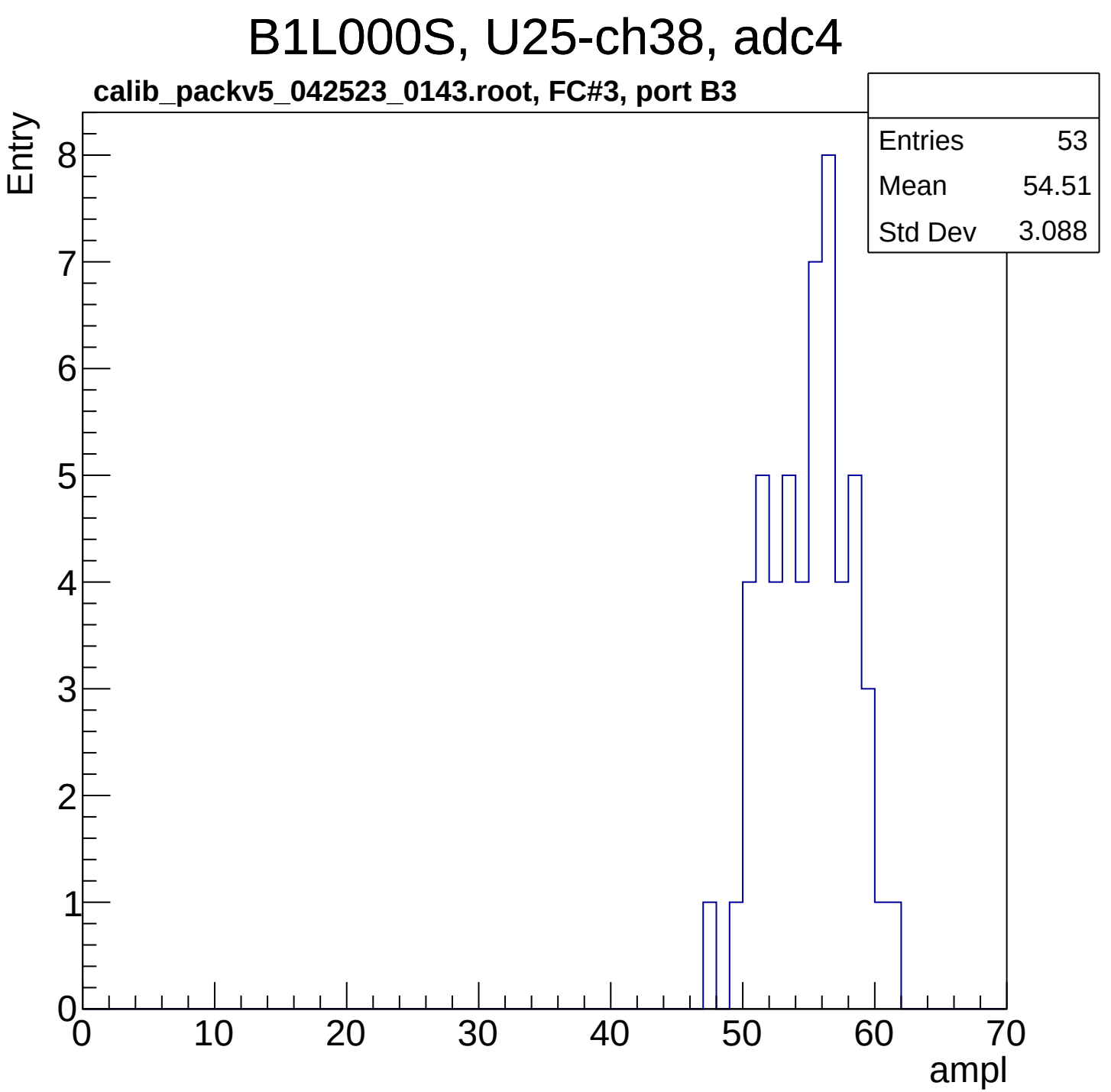

B1L000S, U25-ch38, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 48.37
Std Dev 3.345
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch38, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 54.51
Std Dev 3.088
Entry
ampl
0
1
2
3
4
5
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7
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0
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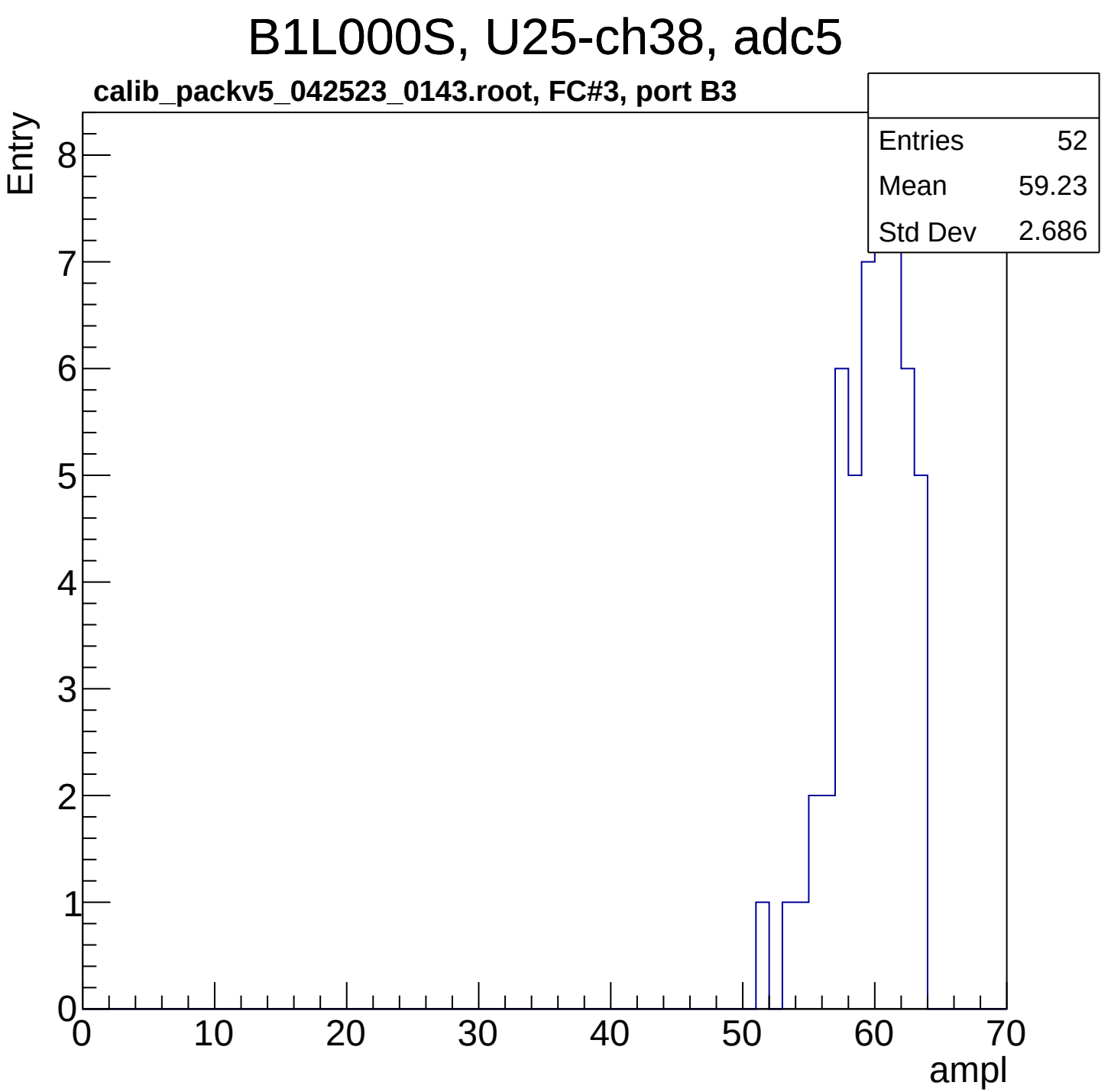
B1L000S, U25-ch38, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 59.23
Std Dev 2.686
Entry
ampl
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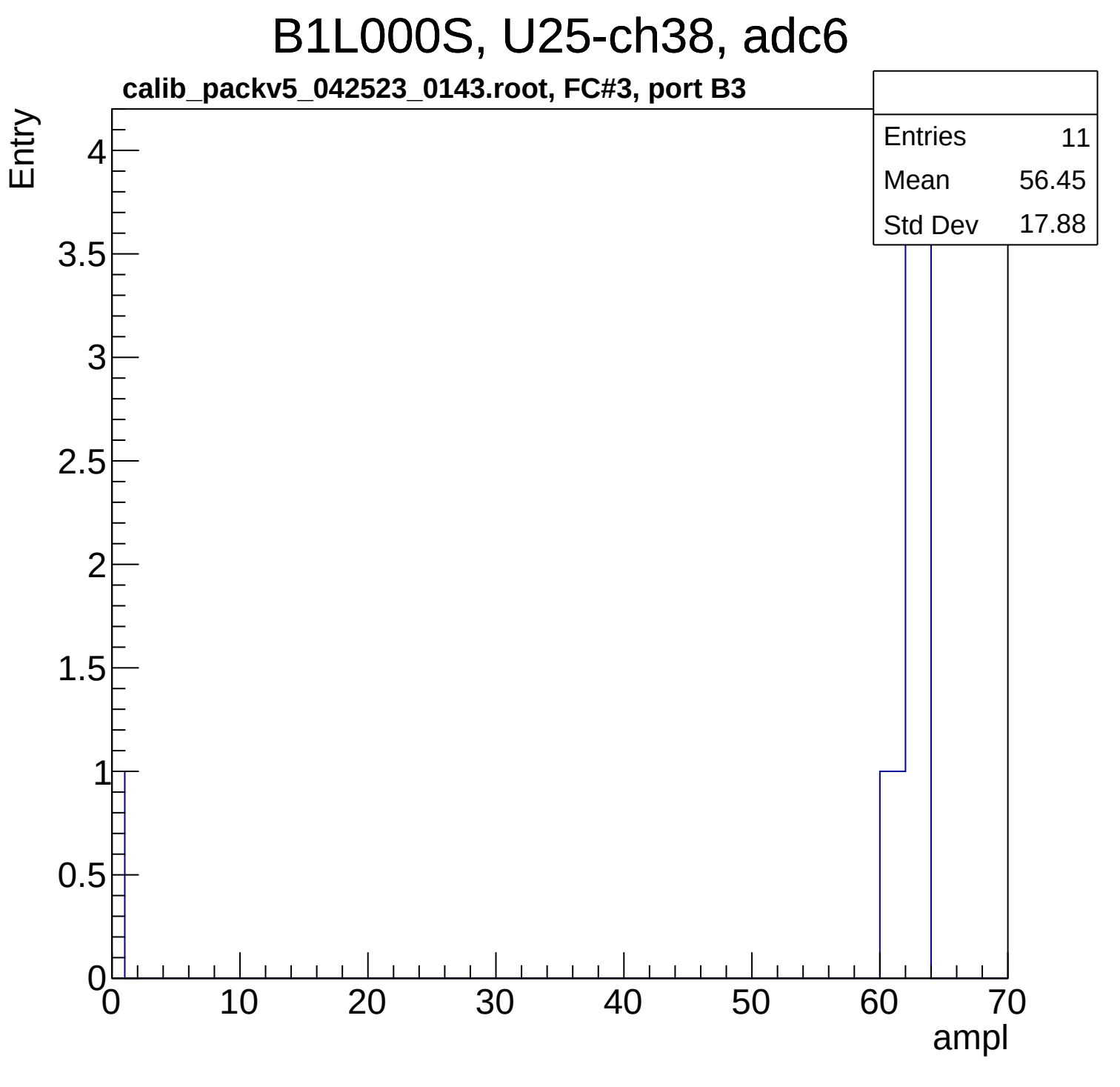
B1L000S, U25-ch38, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 56.45
Std Dev 17.88
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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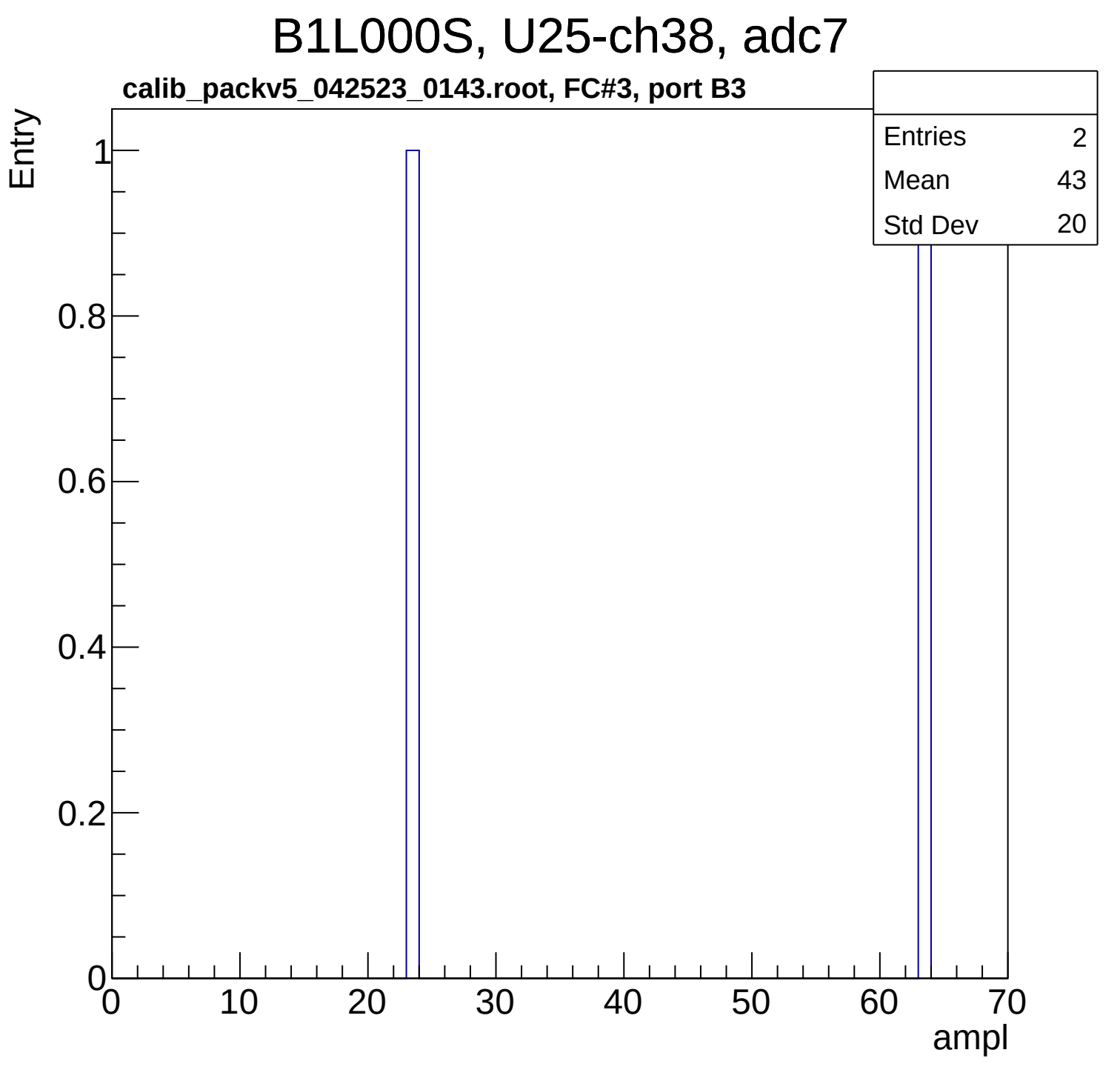
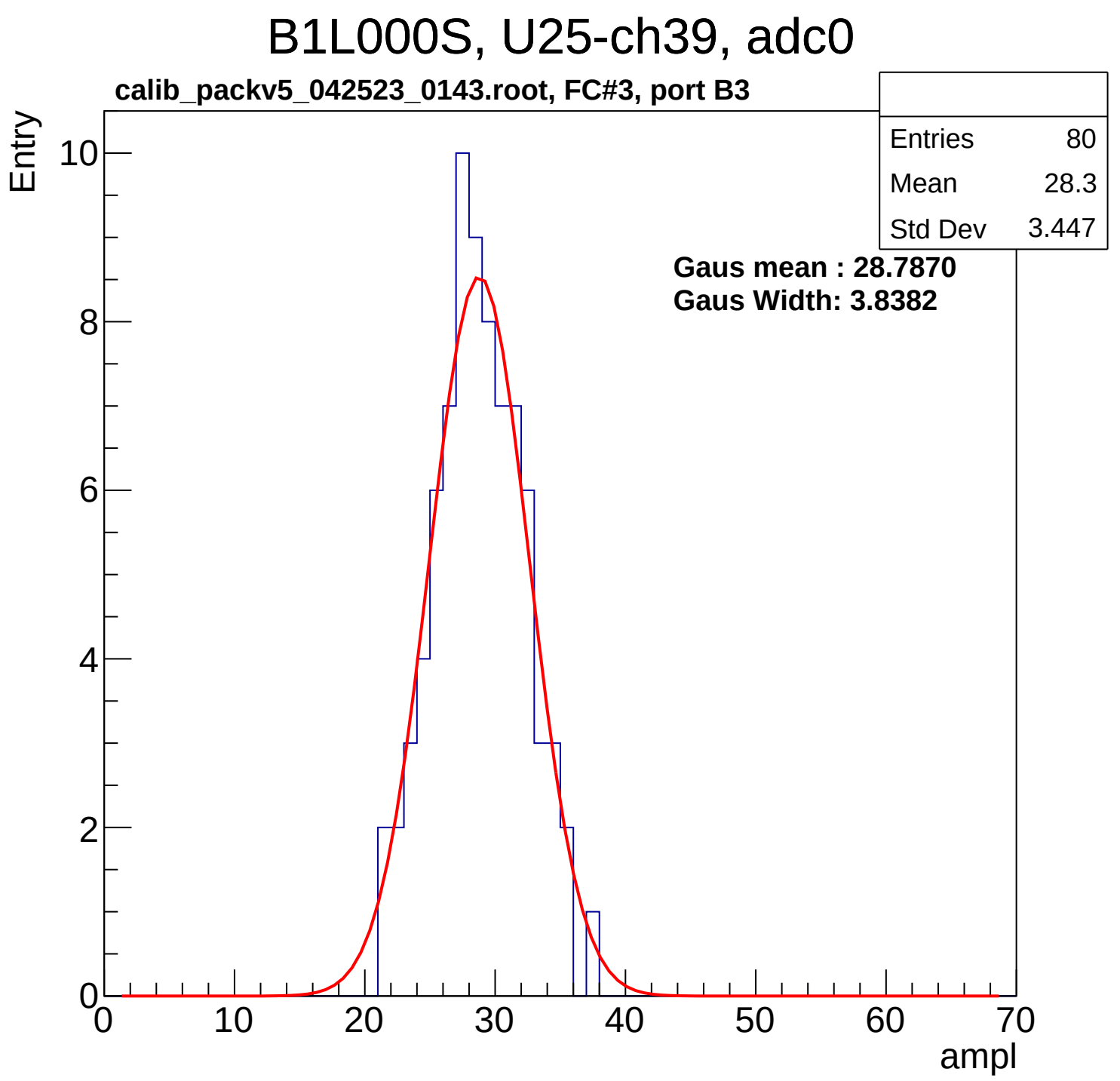

B1L000S, U25-ch38, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 43
Std Dev 20
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch39, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 80
Mean 28.3
Std Dev 3.447
Gaus mean : 28.7870
Gaus Width: 3.8382
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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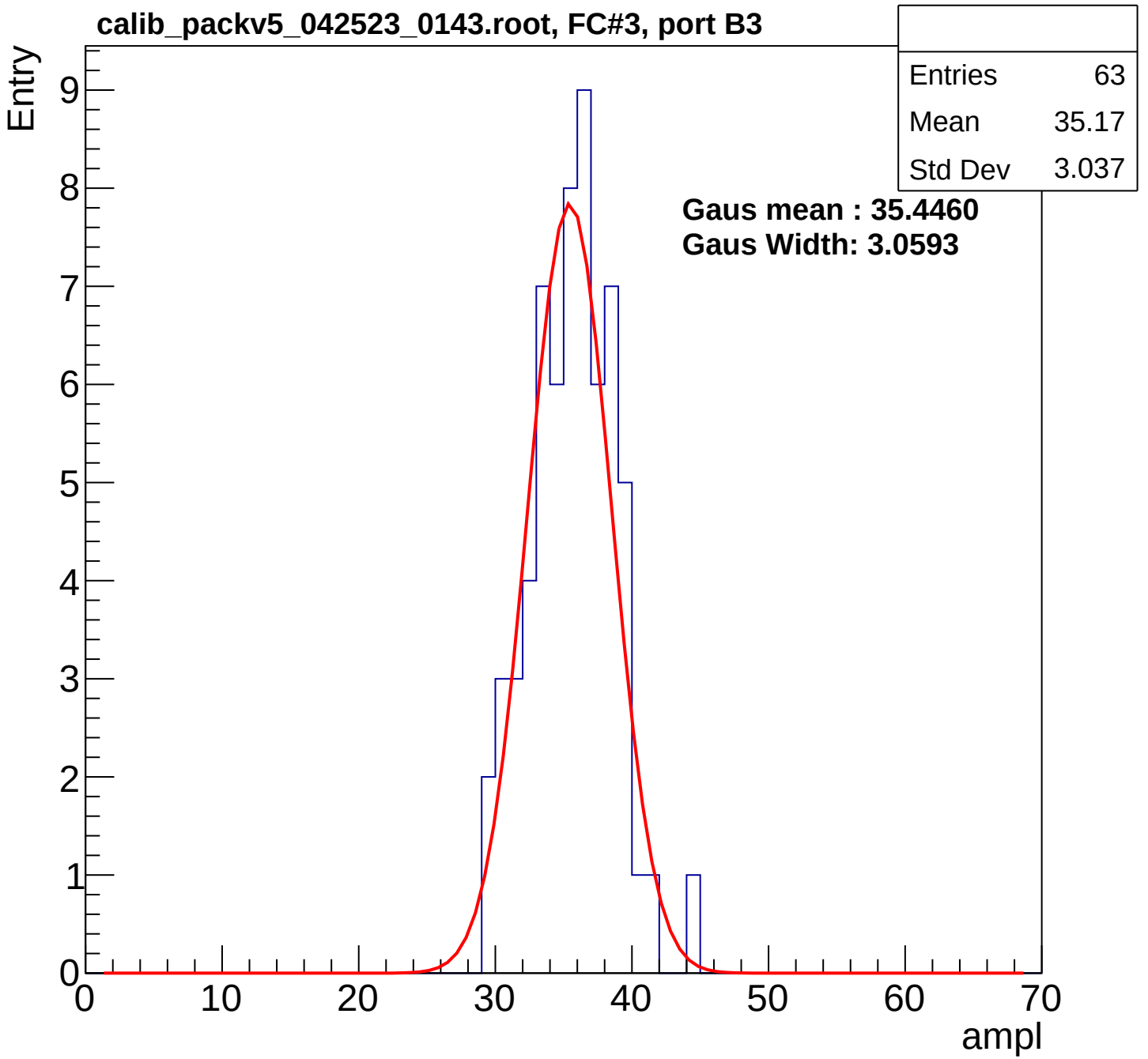
B1L000S, U25-ch39, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 35.17
Std Dev 3.037
Gaus mean : 35.4460
Gaus Width: 3.0593
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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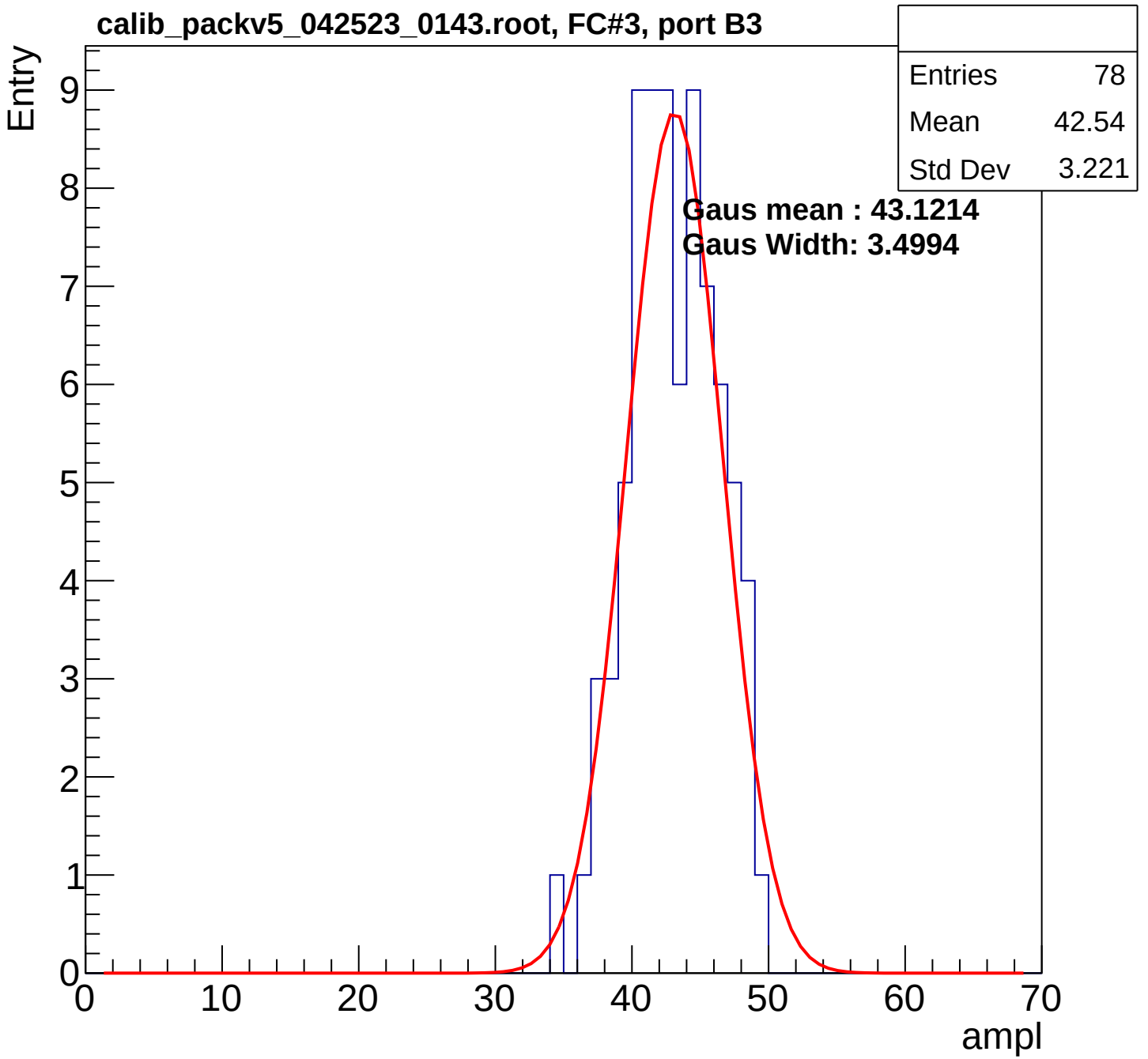
B1L000S, U25-ch39, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 42.54
Std Dev 3.221
Gaus mean : 43.1214
Gaus Width: 3.4994
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
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30
40
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60
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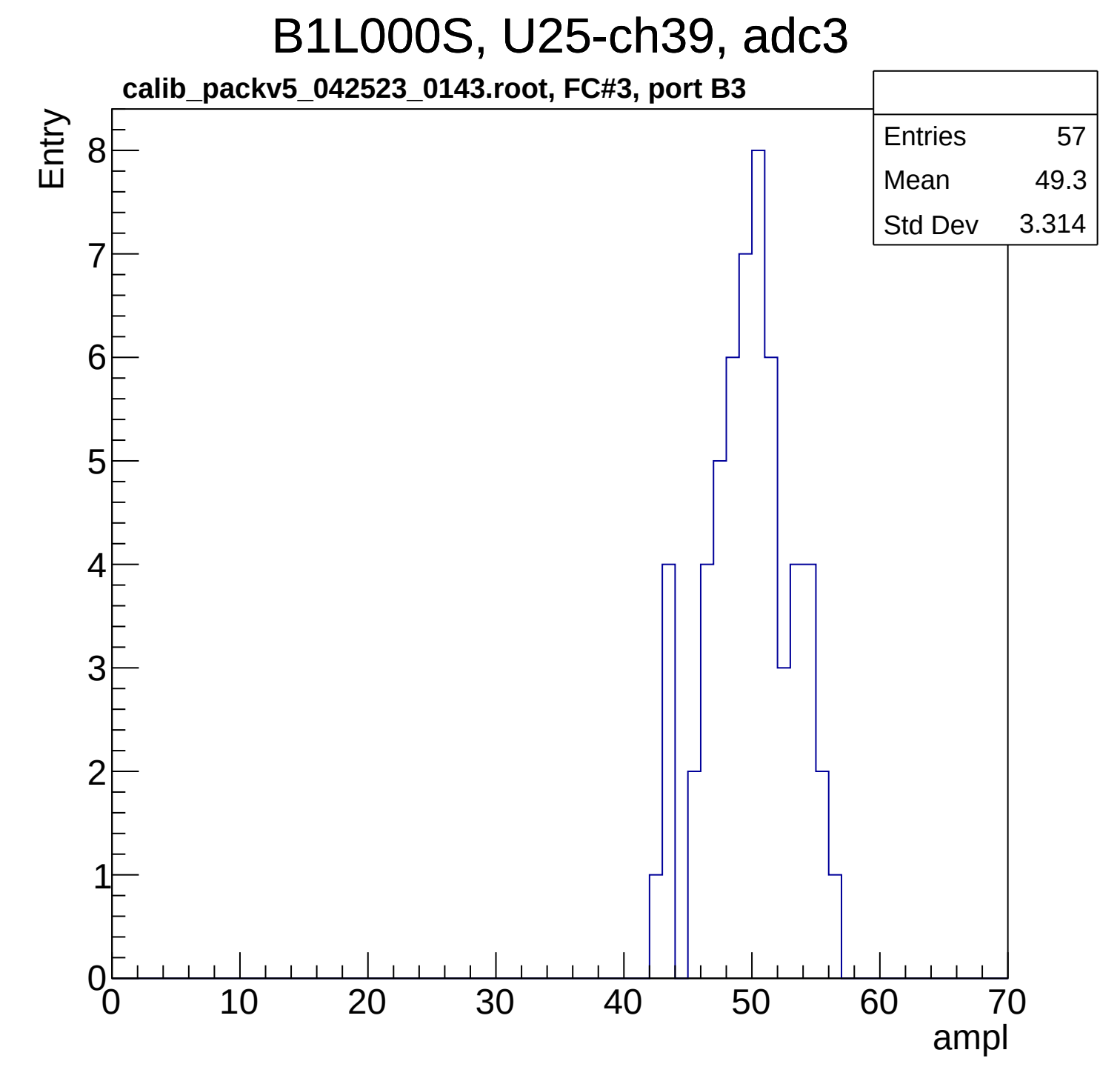
B1L000S, U25-ch39, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 49.3
Std Dev 3.314
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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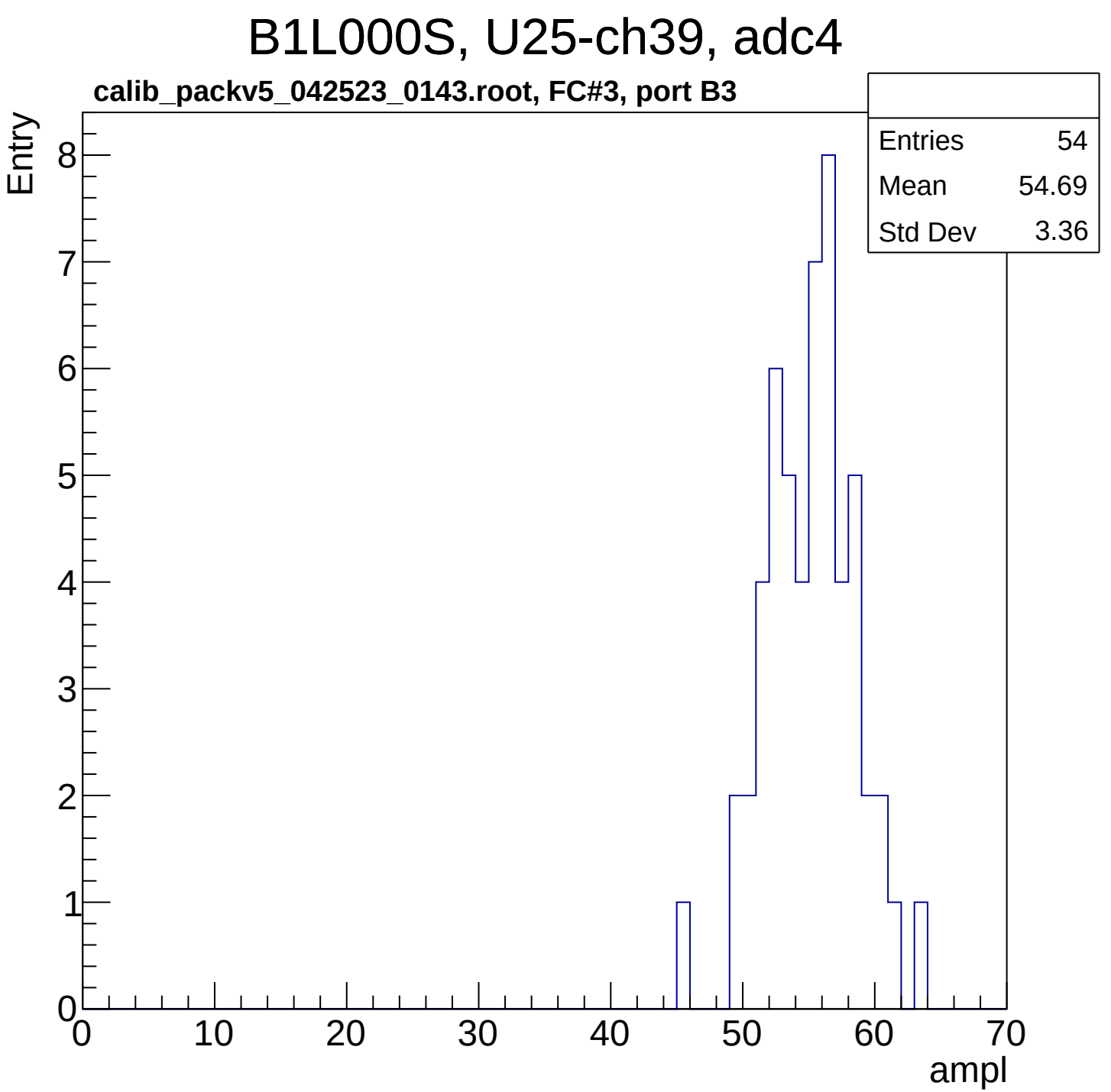
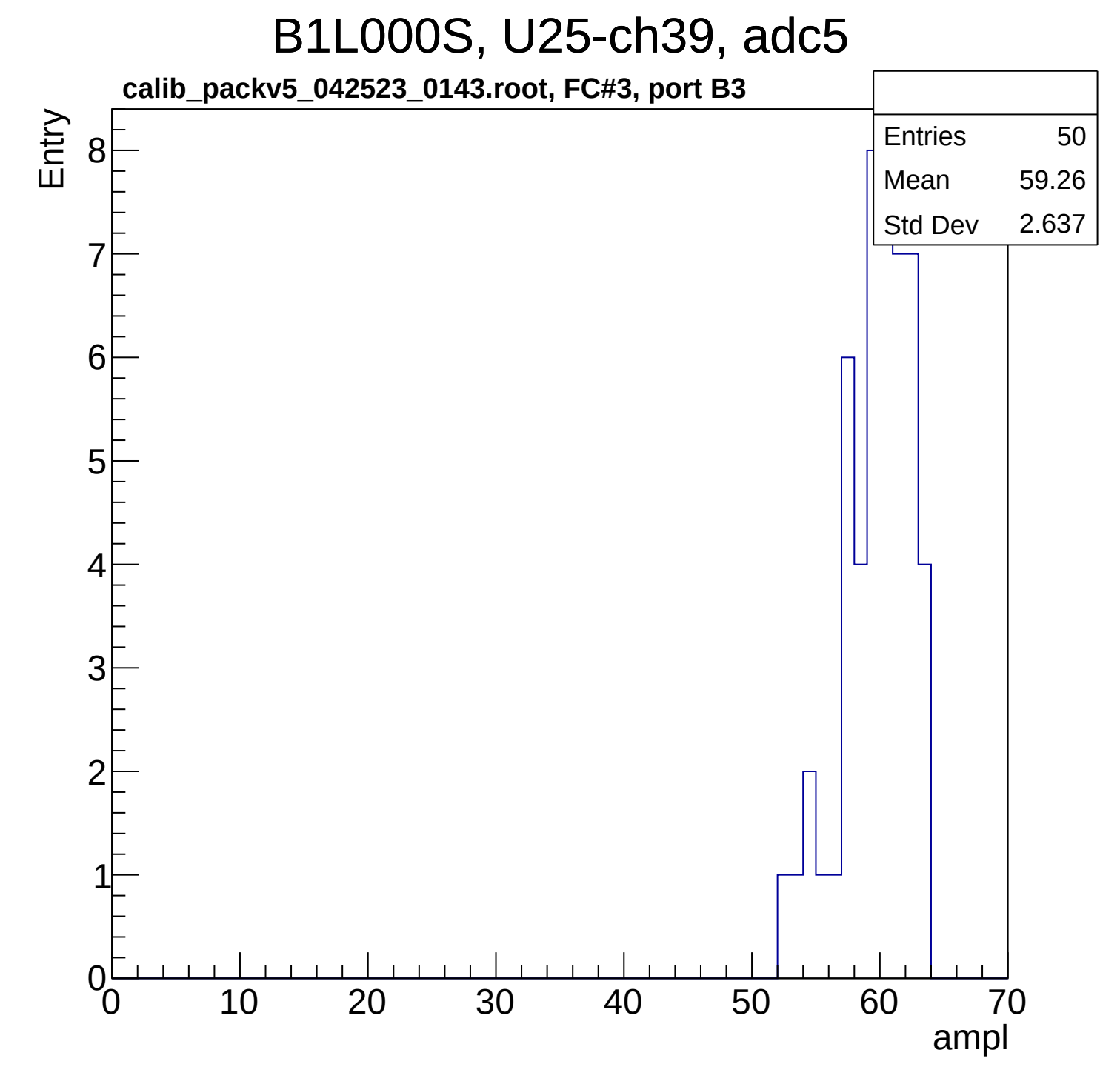

B1L000S, U25-ch39, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 54.69
Std Dev 3.36
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch39, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 59.26
Std Dev 2.637
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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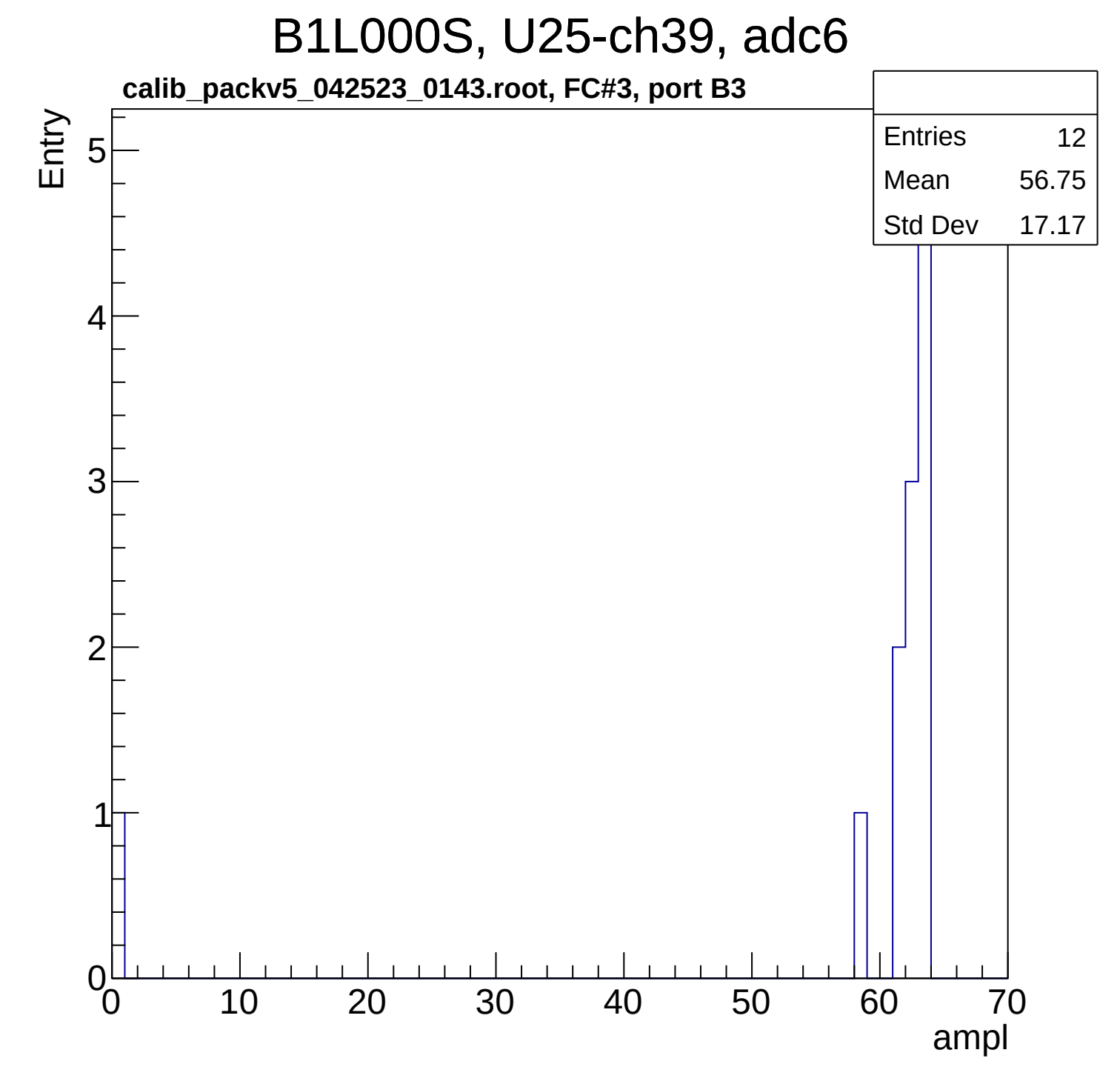
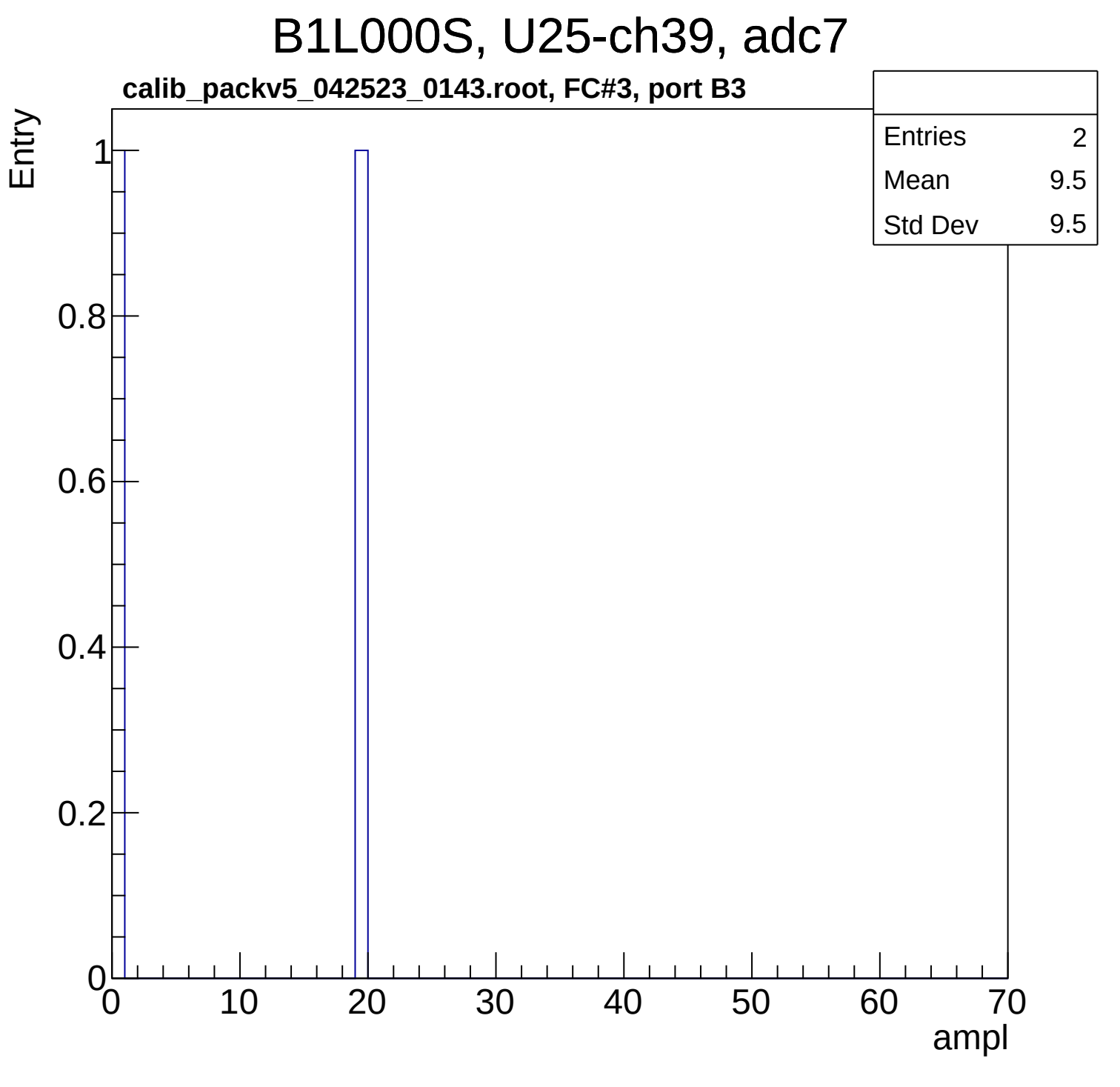

B1L000S, U25-ch39, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 56.75
Std Dev 17.17
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L000S, U25-ch39, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 9.5
Std Dev 9.5
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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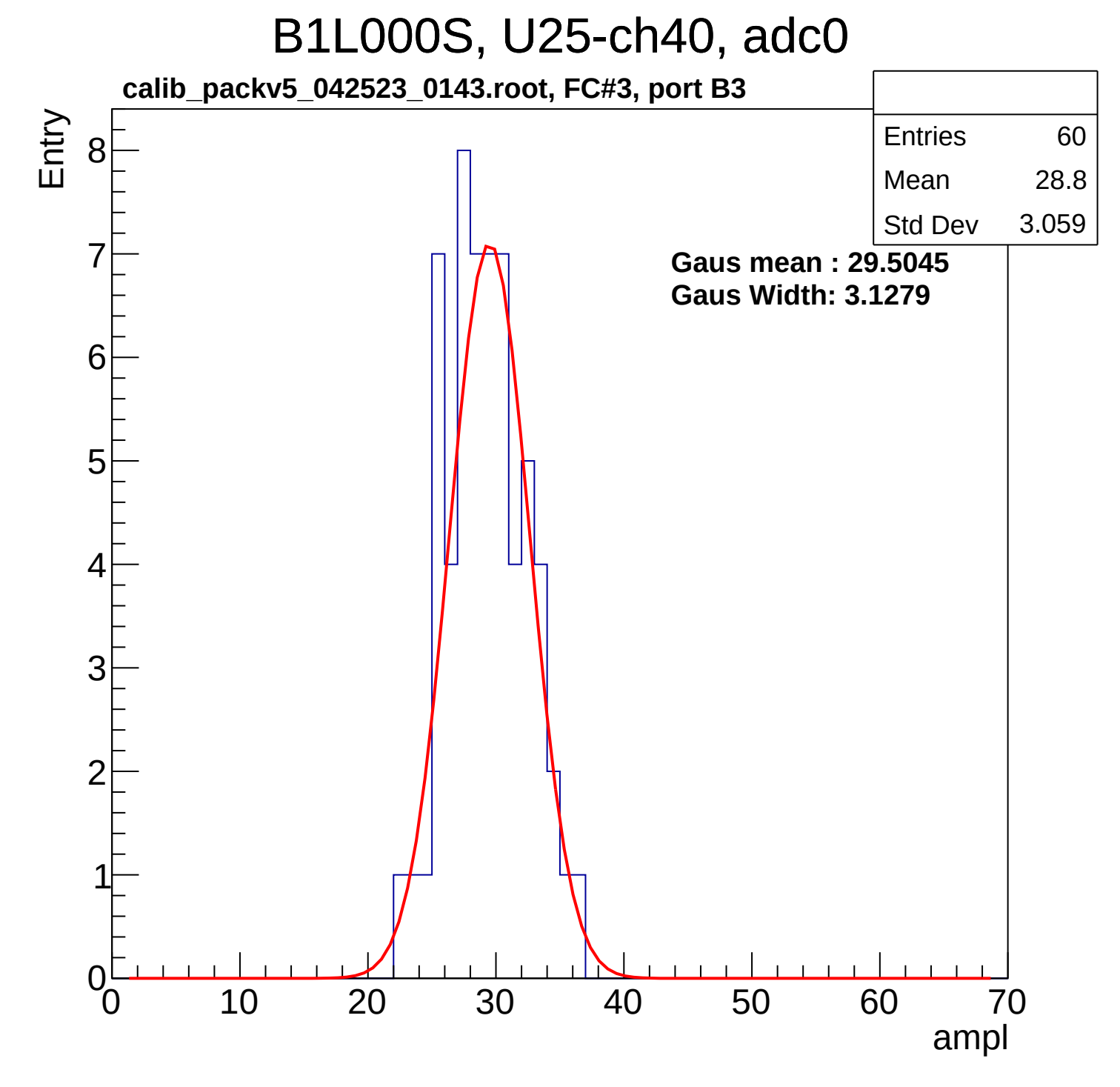
B1L000S, U25-ch40, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 28.8
Std Dev 3.059
Gaus mean : 29.5045
Gaus Width: 3.1279
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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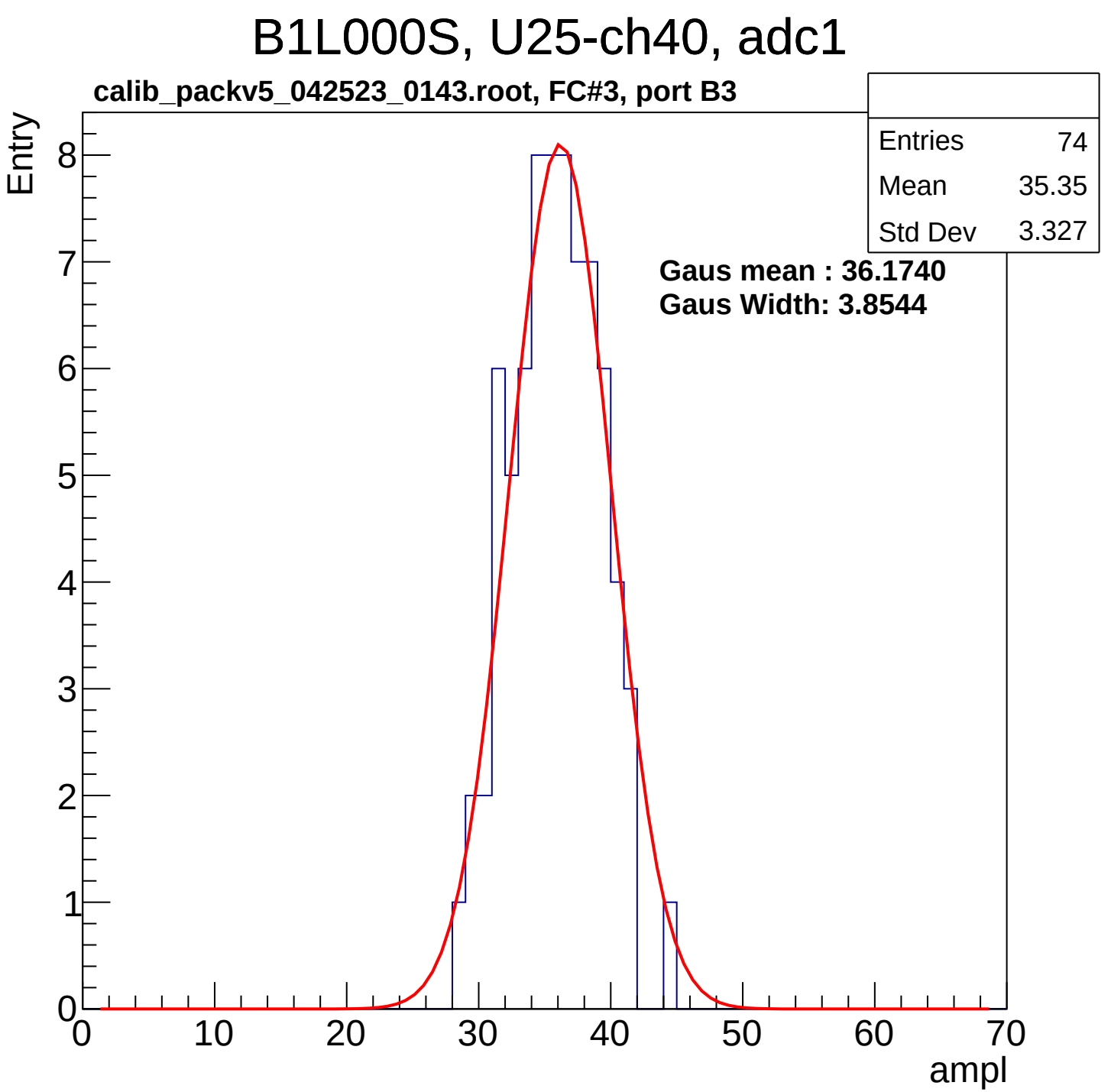
B1L000S, U25-ch40, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 35.35
Std Dev 3.327
Gaus mean : 36.1740
Gaus Width: 3.8544
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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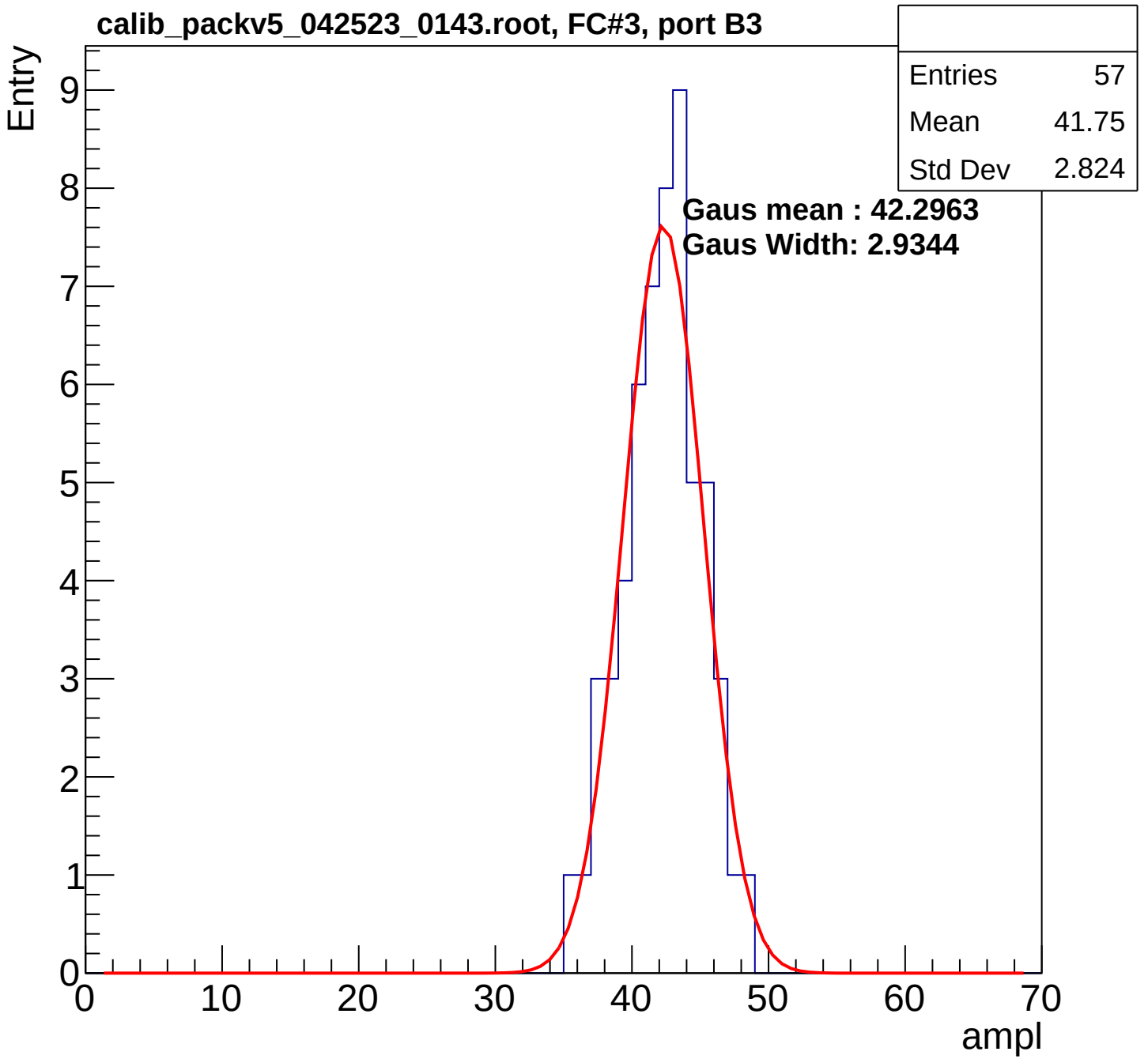
B1L000S, U25-ch40, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 41.75
Std Dev 2.824
Gaus mean : 42.2963
Gaus Width: 2.9344
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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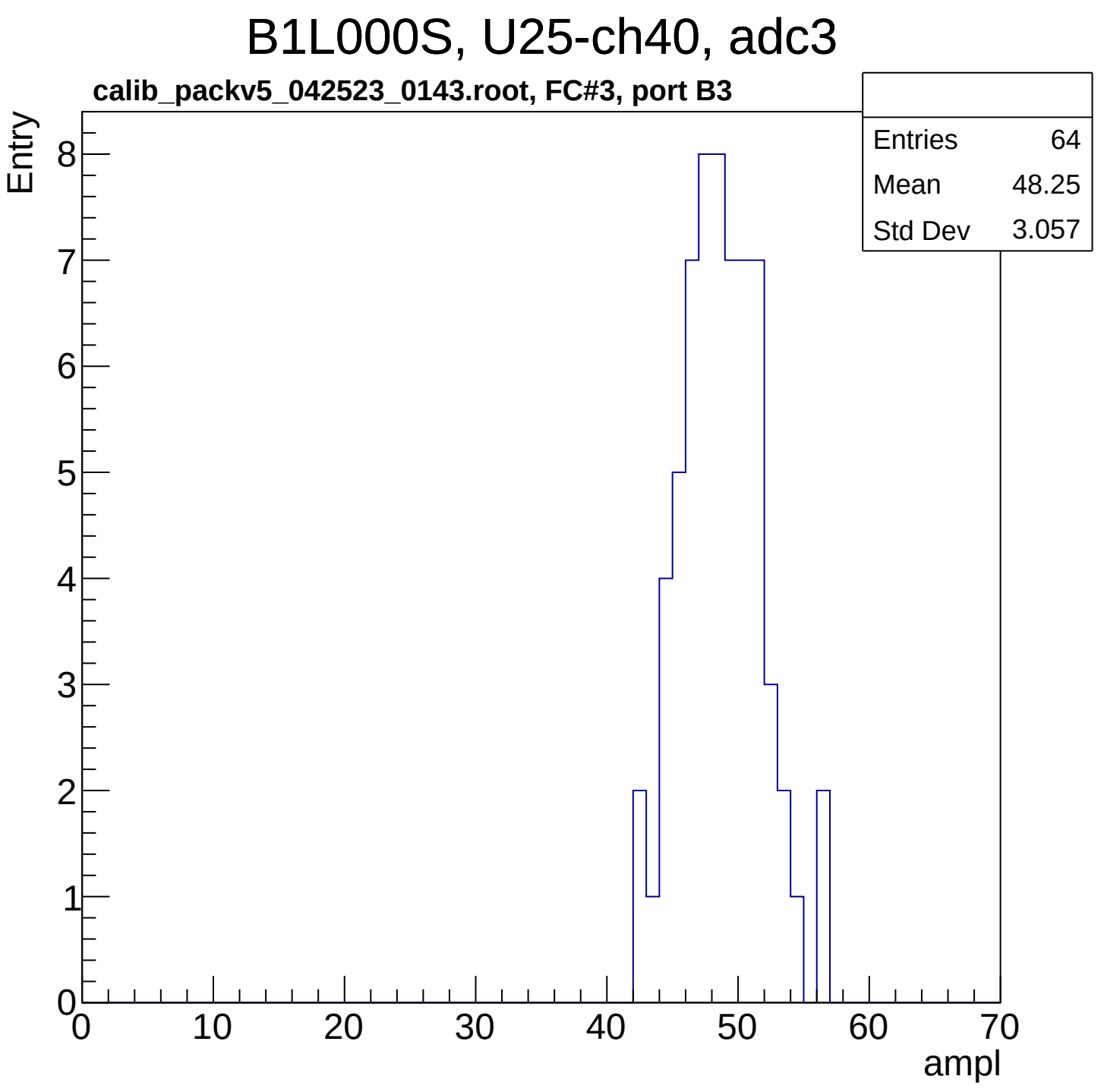
B1L000S, U25-ch40, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 48.25
Std Dev 3.057
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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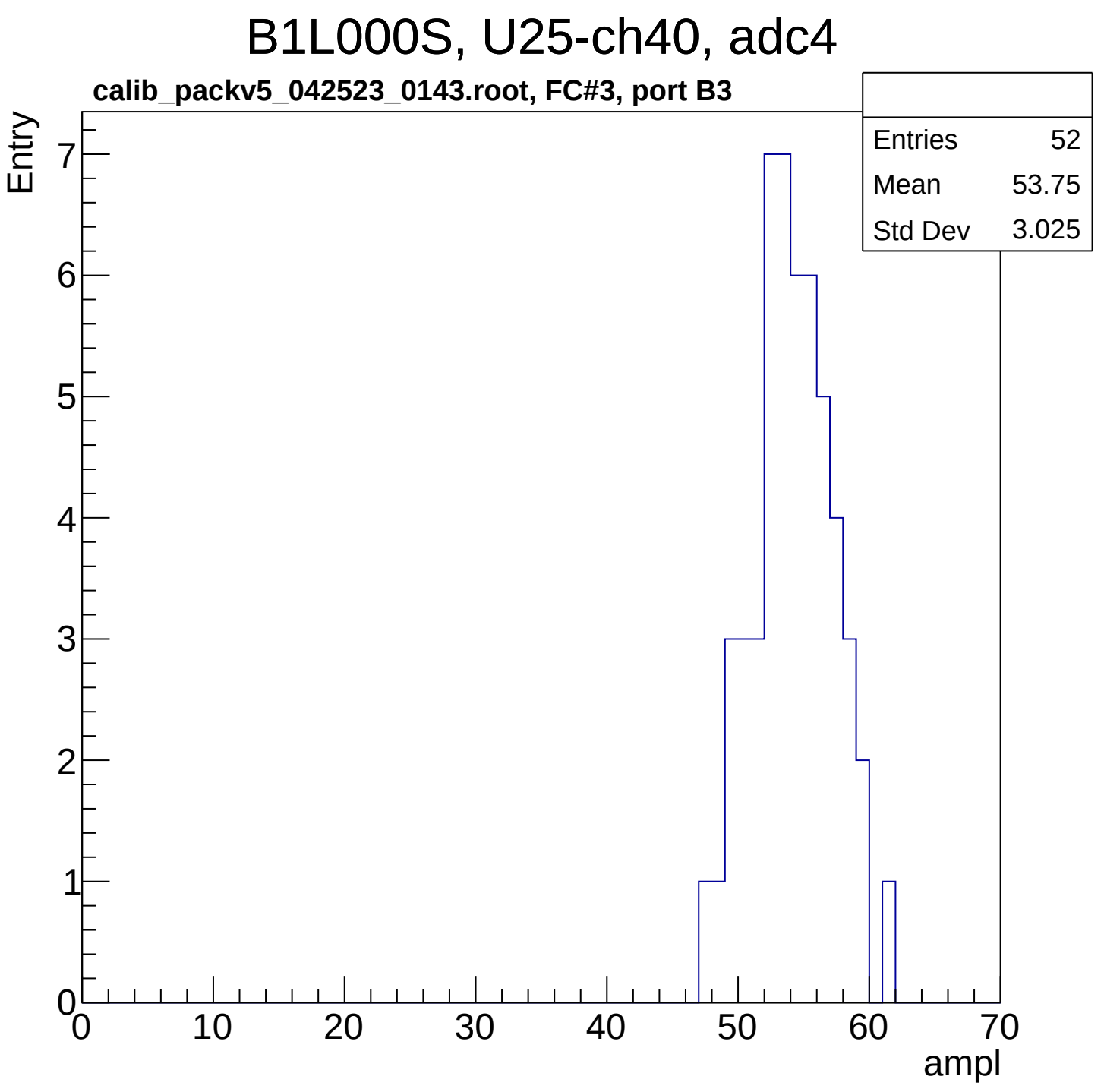
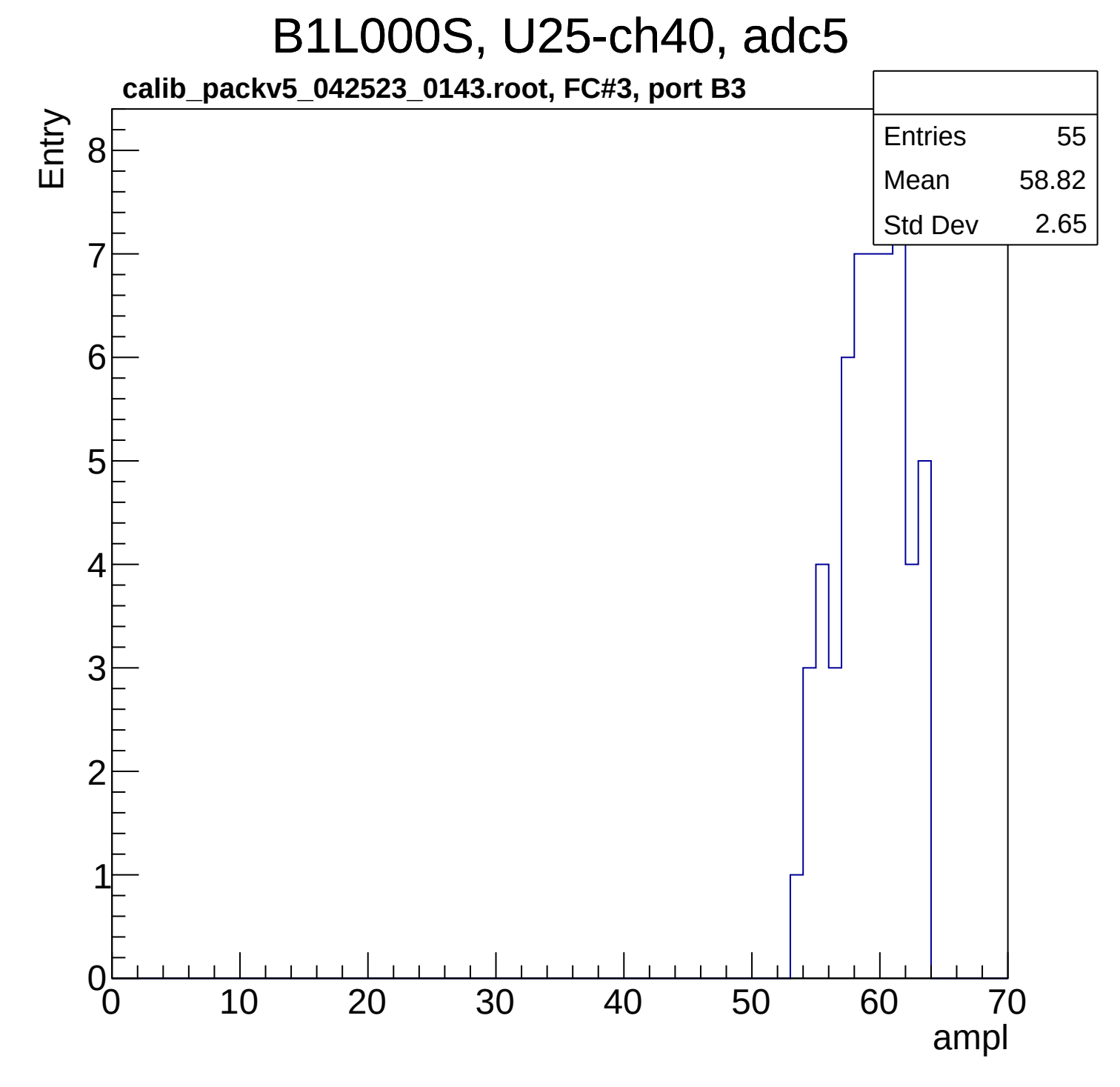

B1L000S, U25-ch40, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 53.75
Std Dev 3.025
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U25-ch40, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 58.82
Std Dev 2.65
Entry
0
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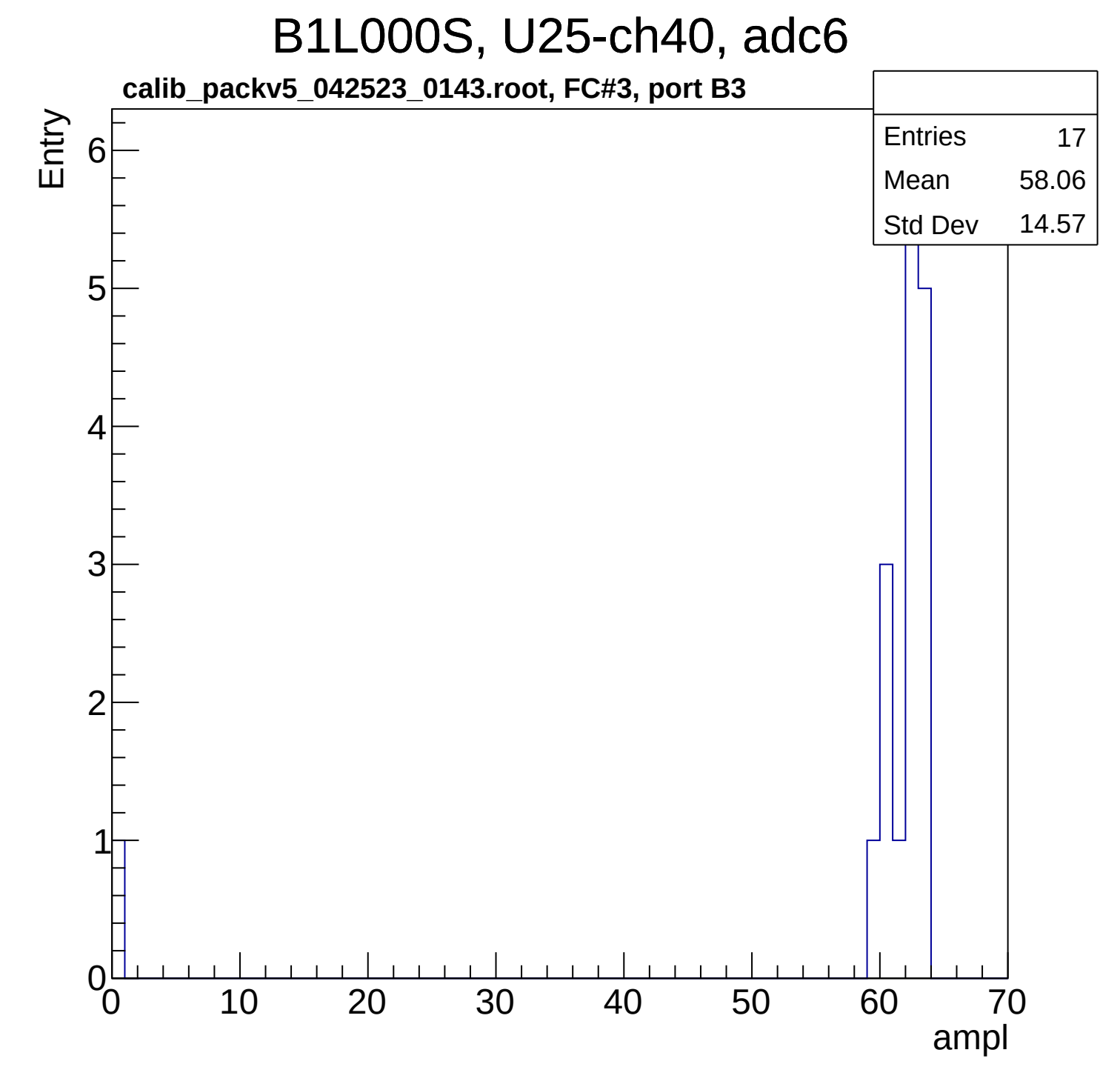
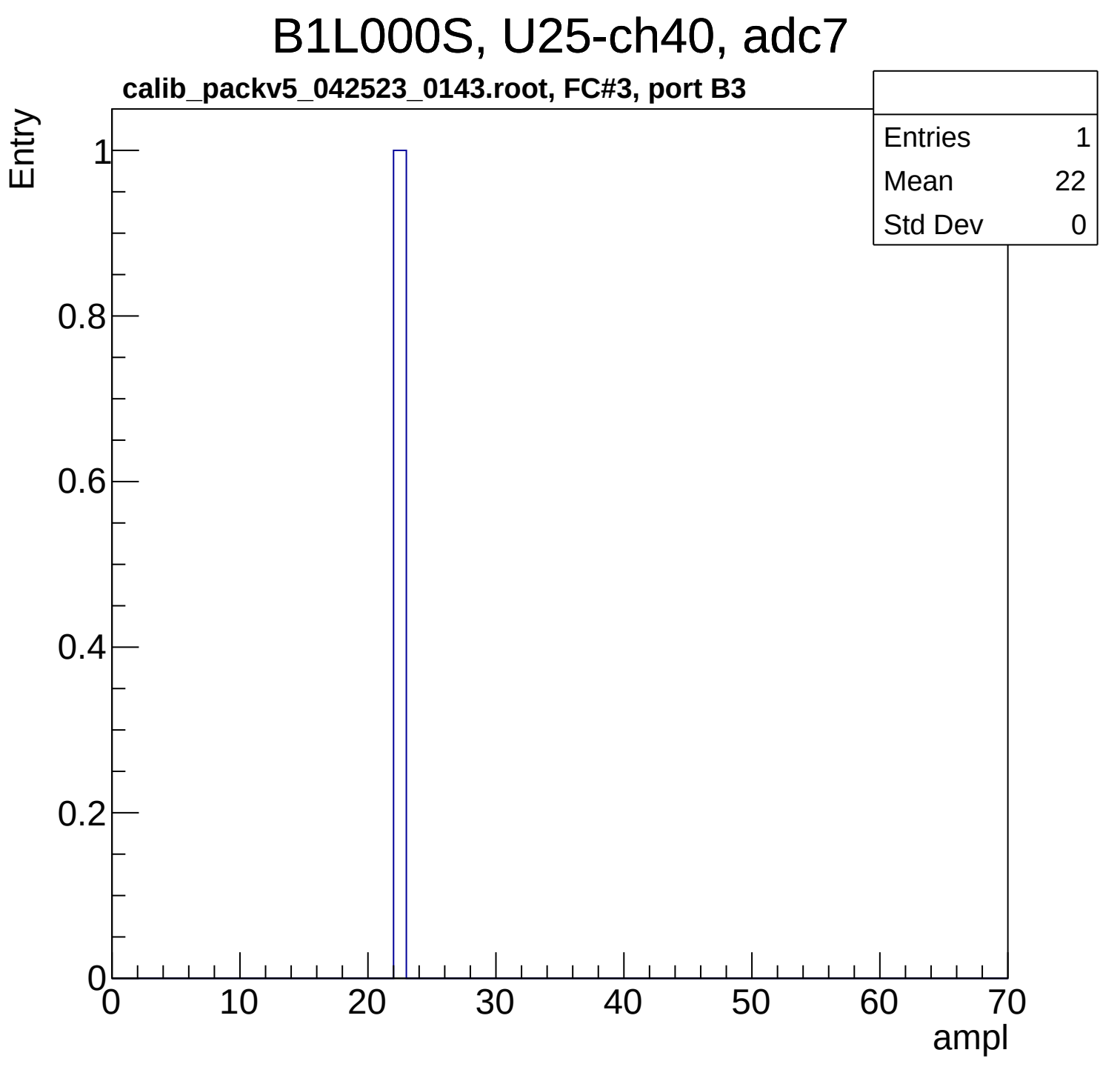
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch40, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 58.06
Std Dev 14.57
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch40, 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
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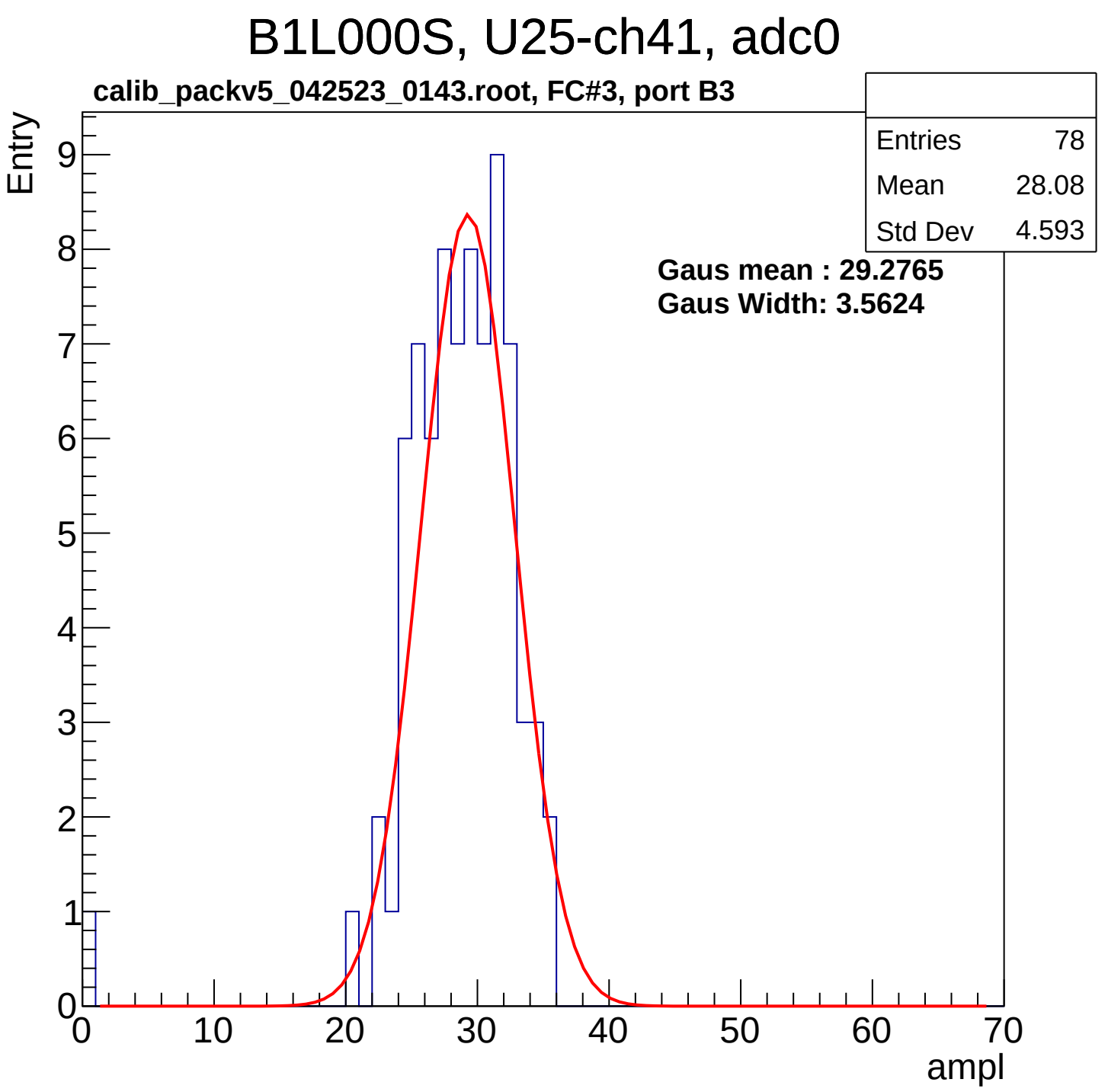
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch41, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 28.08
Std Dev 4.593
Gaus mean : 29.2765
Gaus Width: 3.5624
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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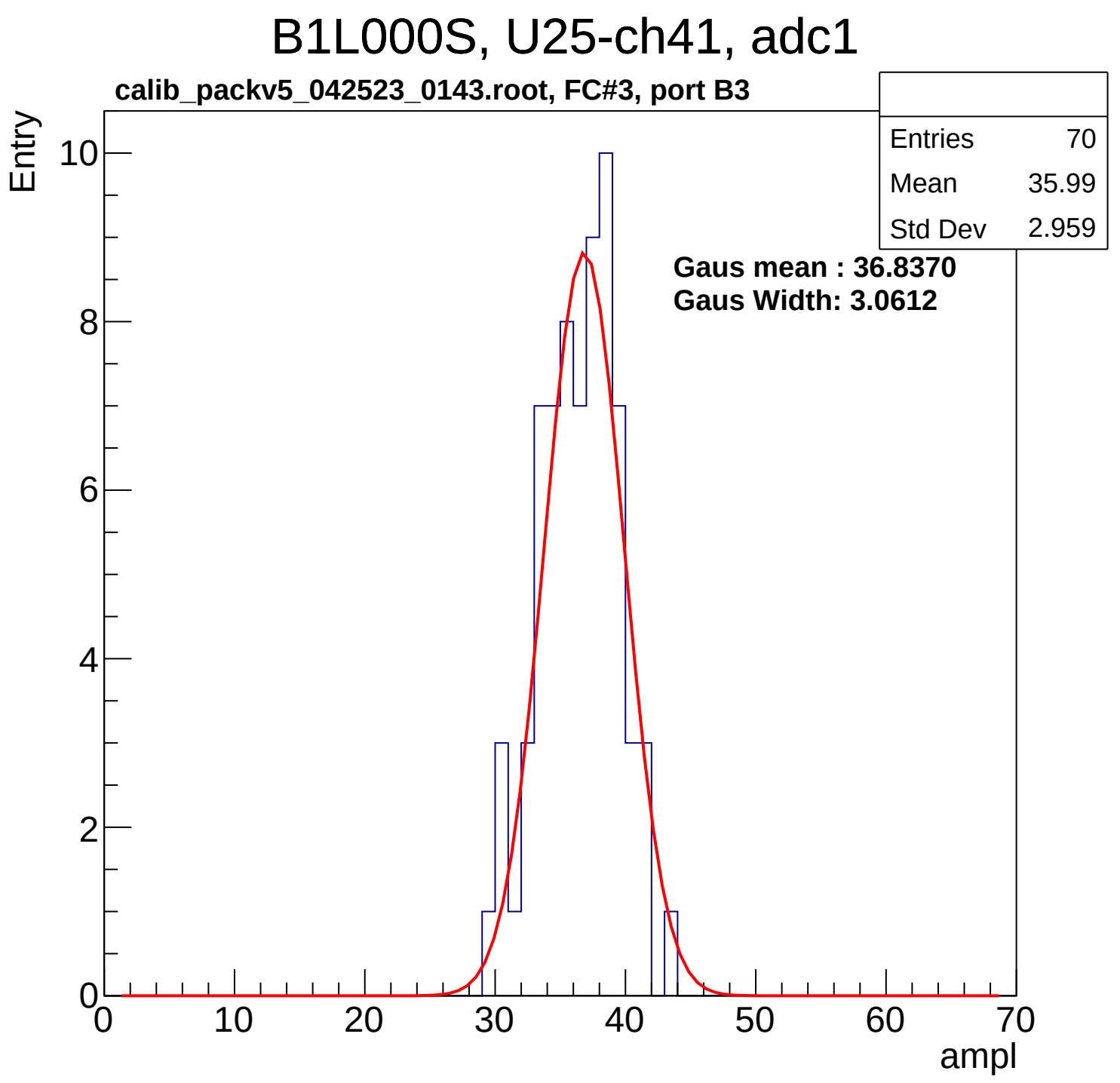
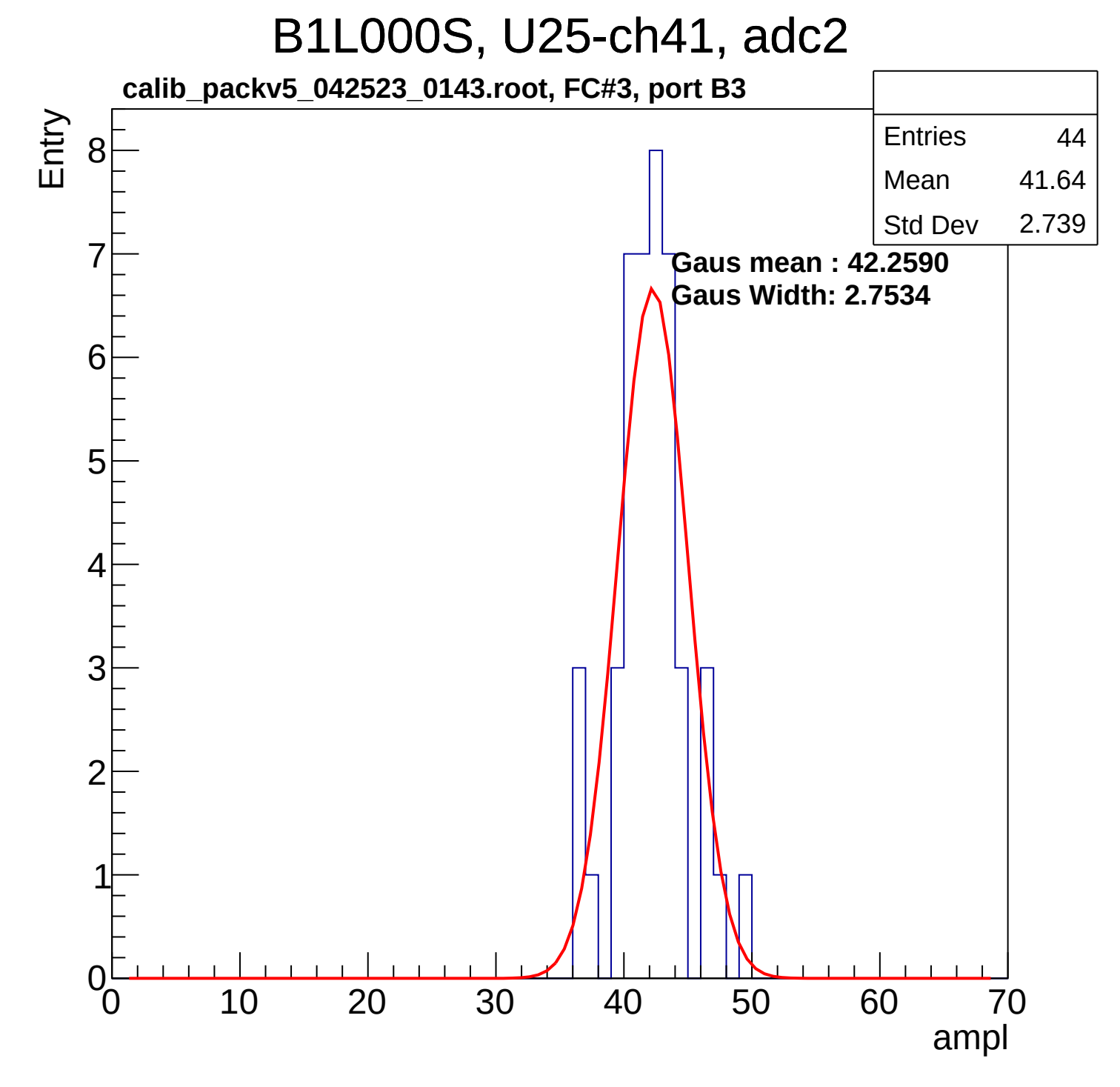

B1L000S, U25-ch41, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 35.99
Std Dev 2.959
Gaus mean : 36.8370
Gaus Width: 3.0612
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch41, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 41.64
Std Dev 2.739
Gaus mean : 42.2590
Gaus Width: 2.7534
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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20
30
40
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60
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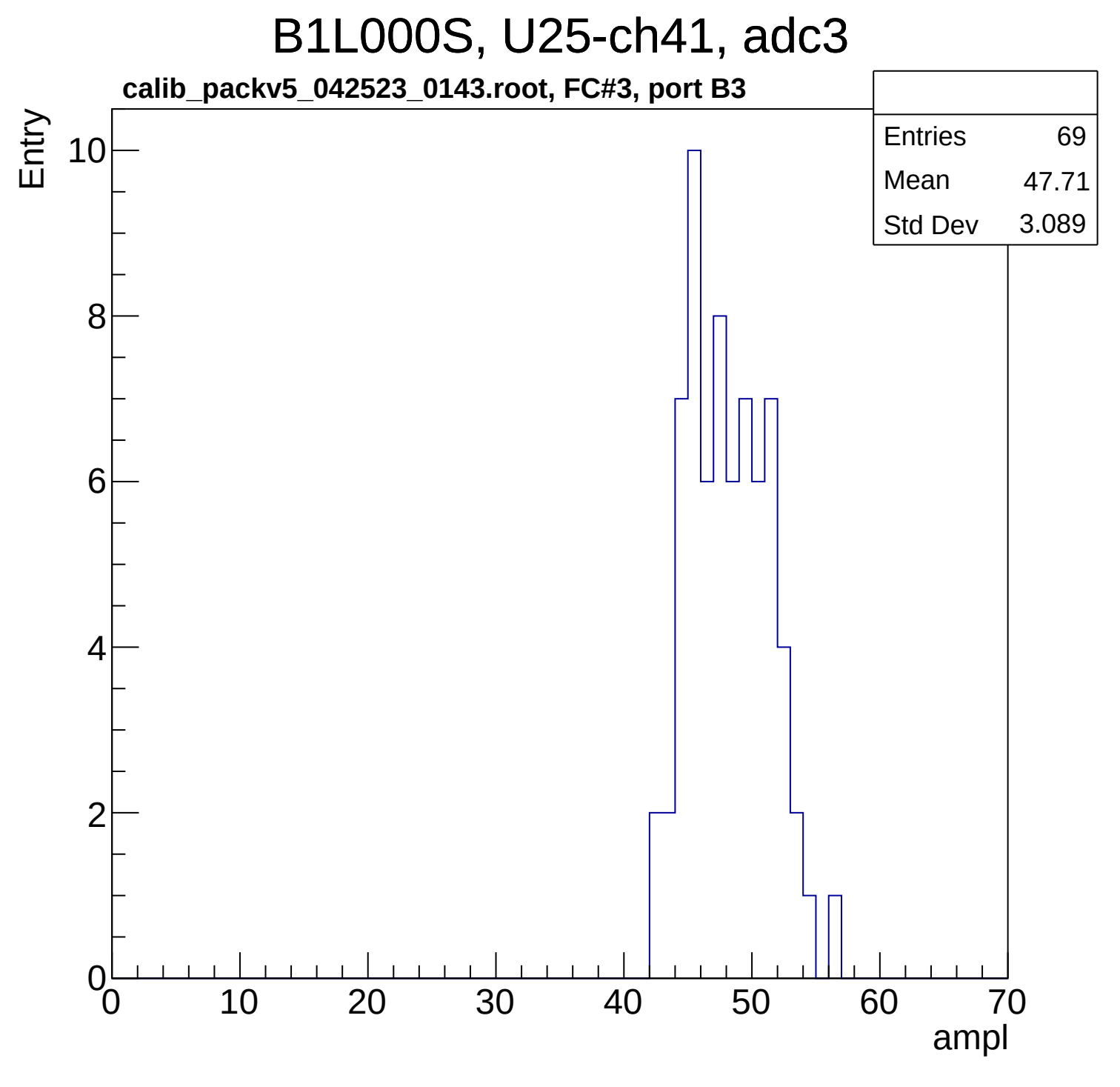
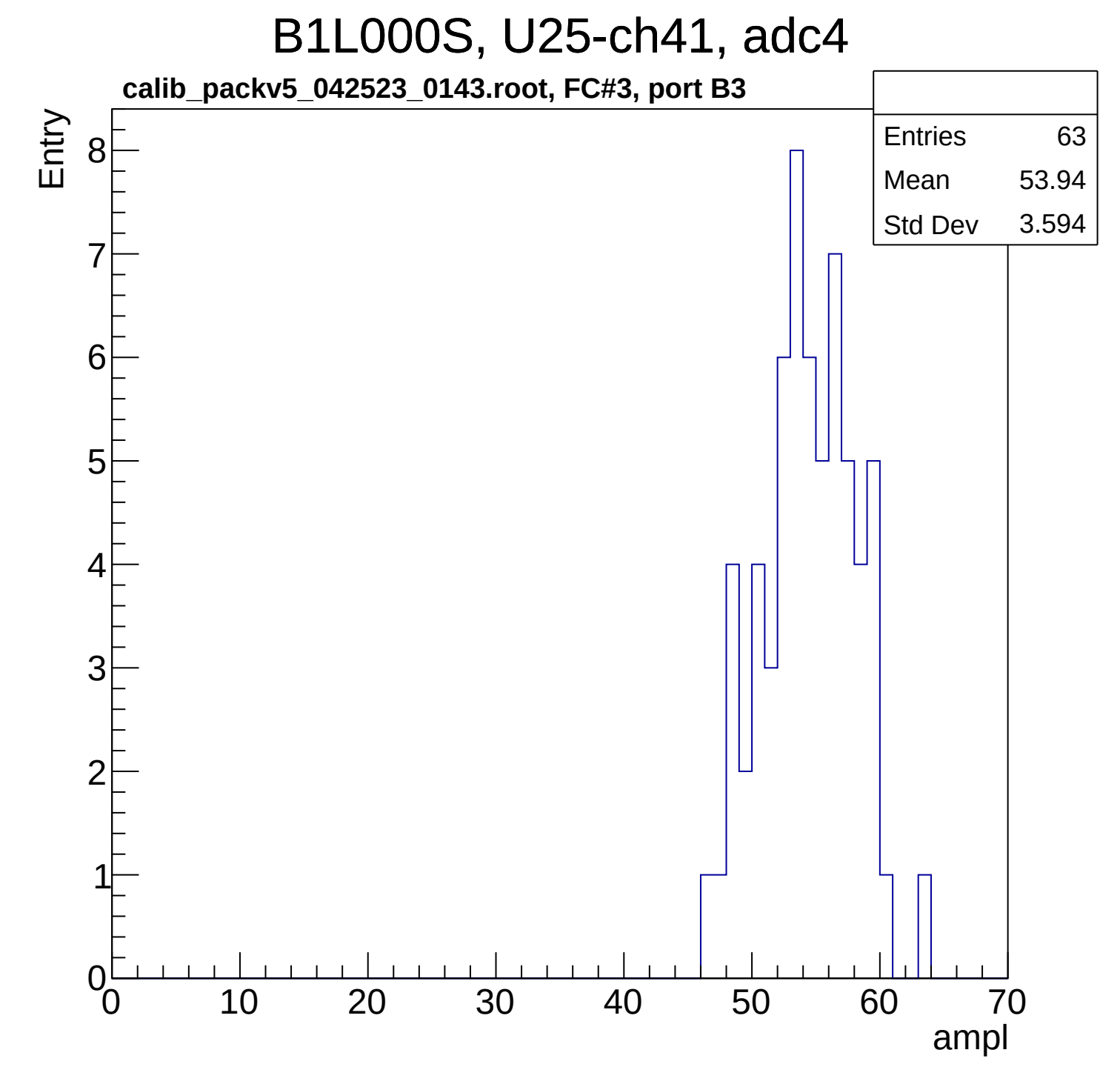

B1L000S, U25-ch41, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 47.71
Std Dev 3.089
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch41, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 53.94
Std Dev 3.594
Entry
ampl
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0
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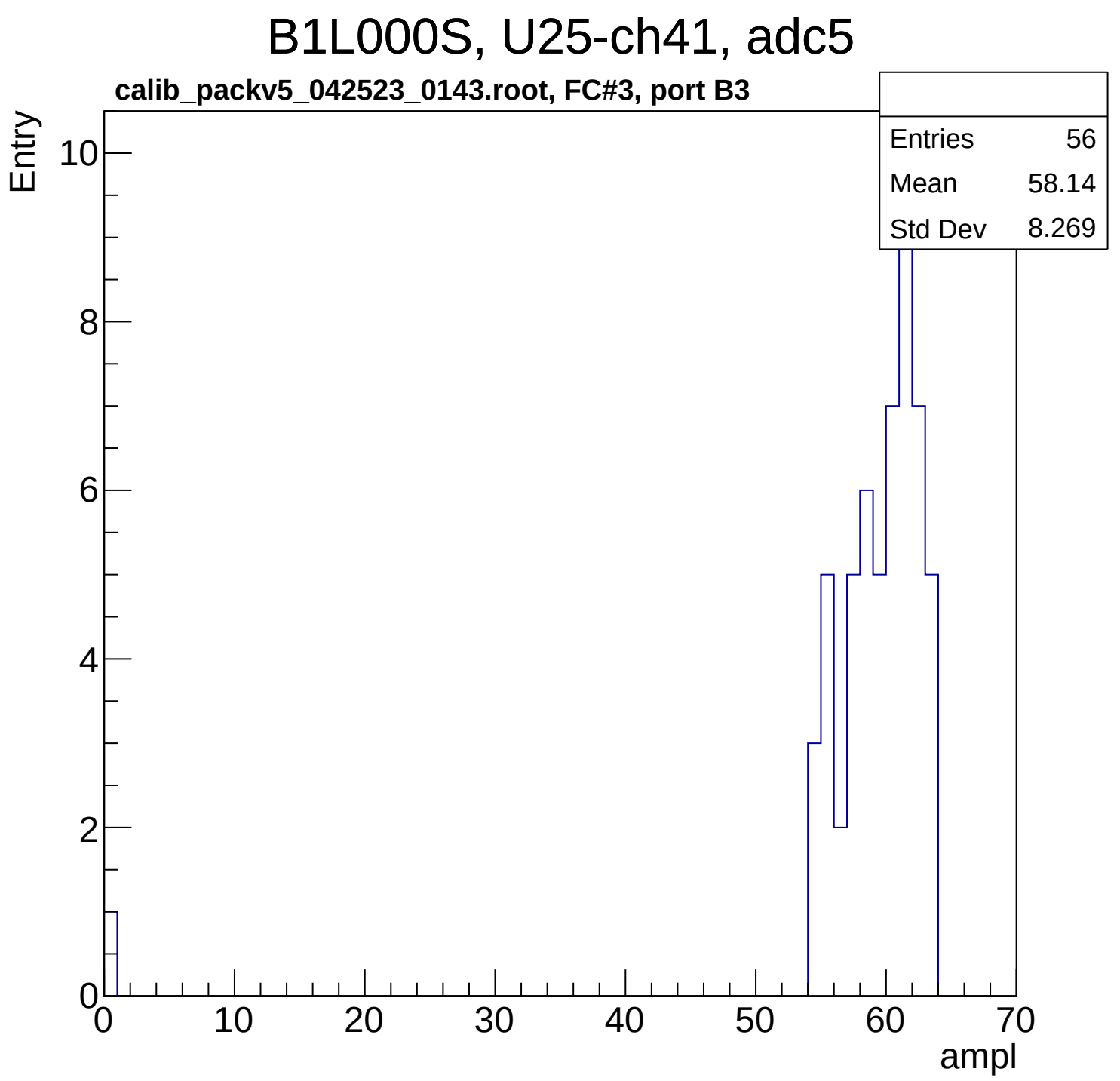
B1L000S, U25-ch41, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 58.14
Std Dev 8.269
Entry
ampl
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2
4
6
8
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0
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60
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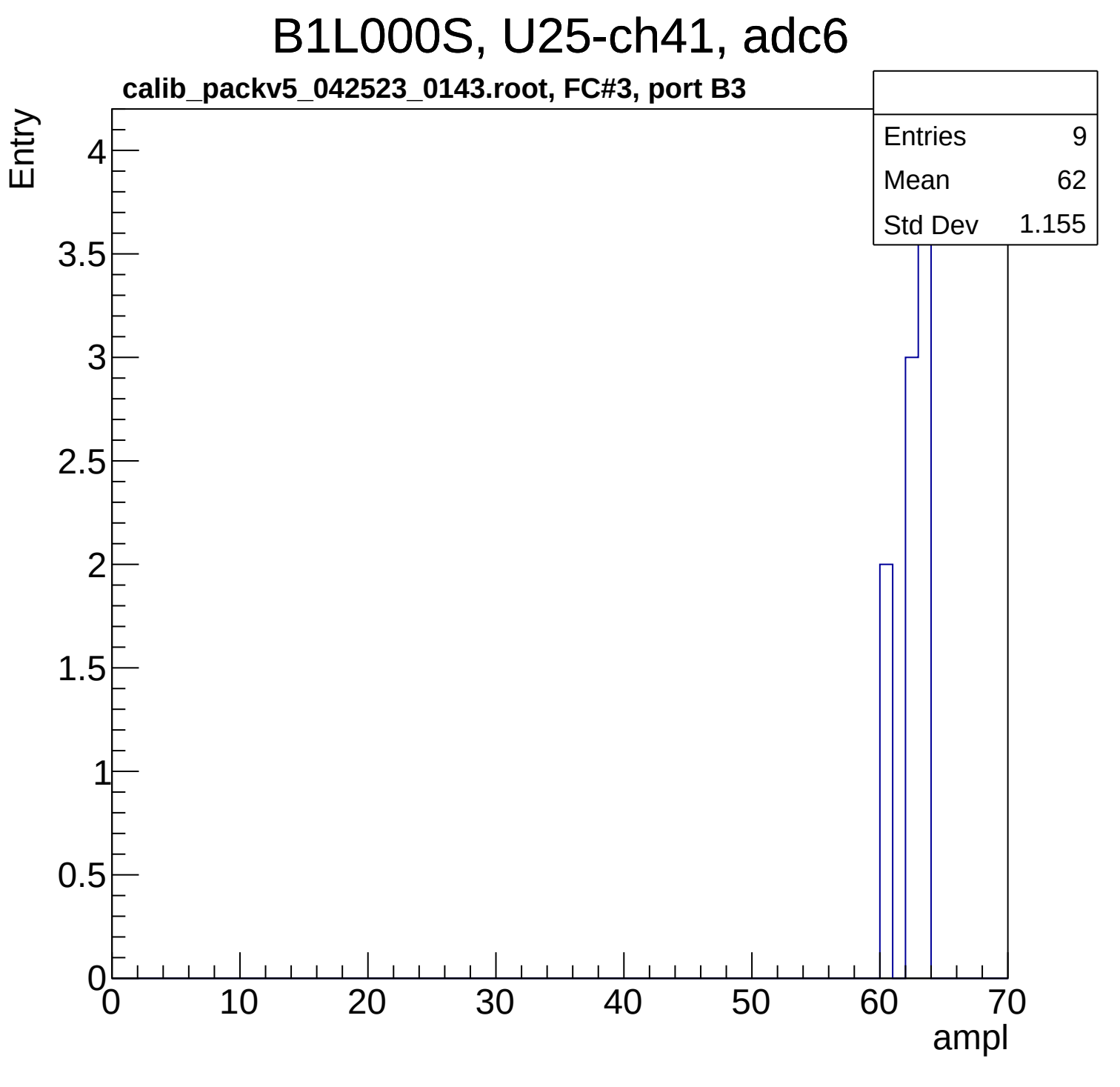
B1L000S, U25-ch41, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 62
Std Dev 1.155
Entry
ampl
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0.5
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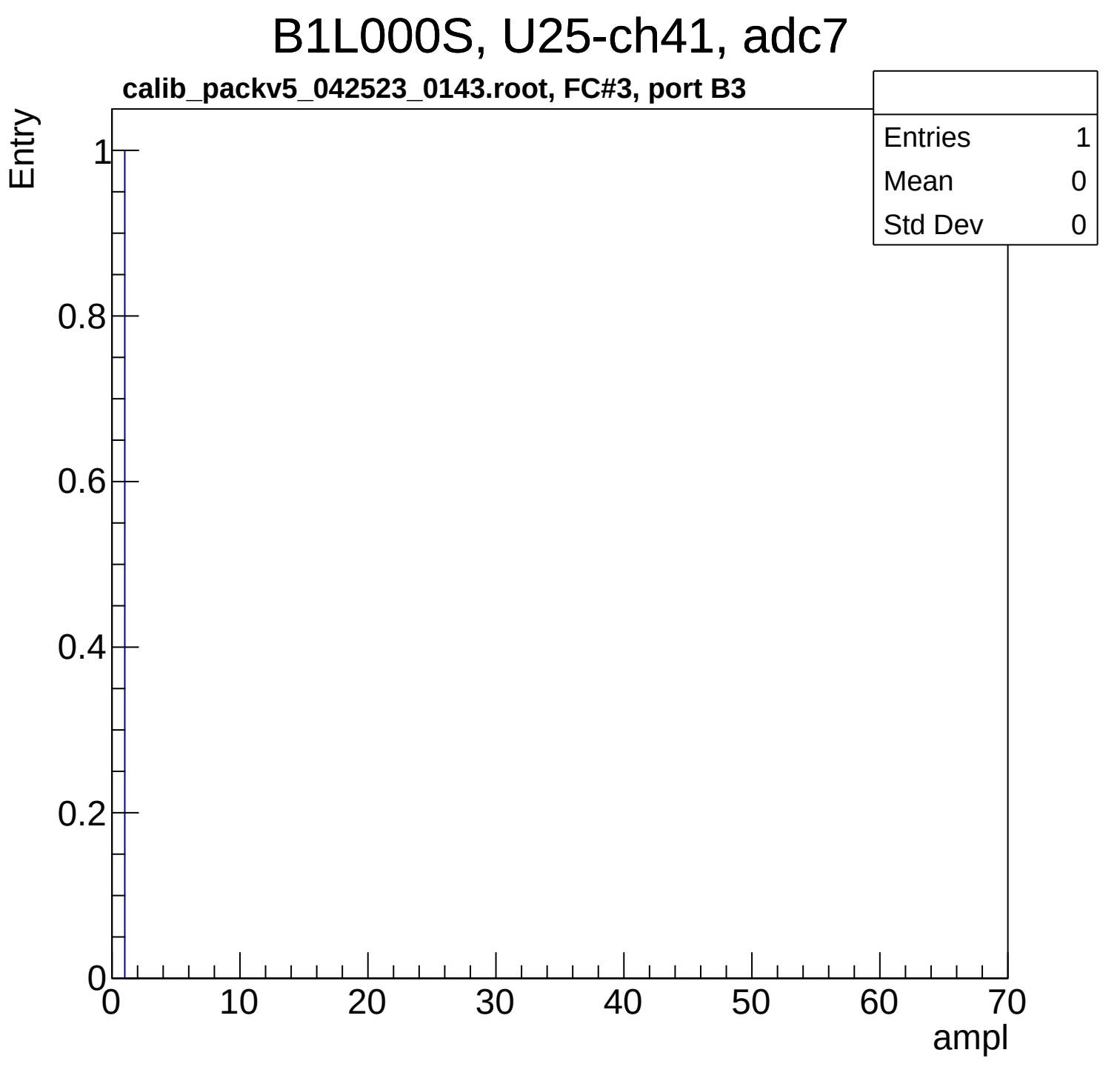
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U25-ch41, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
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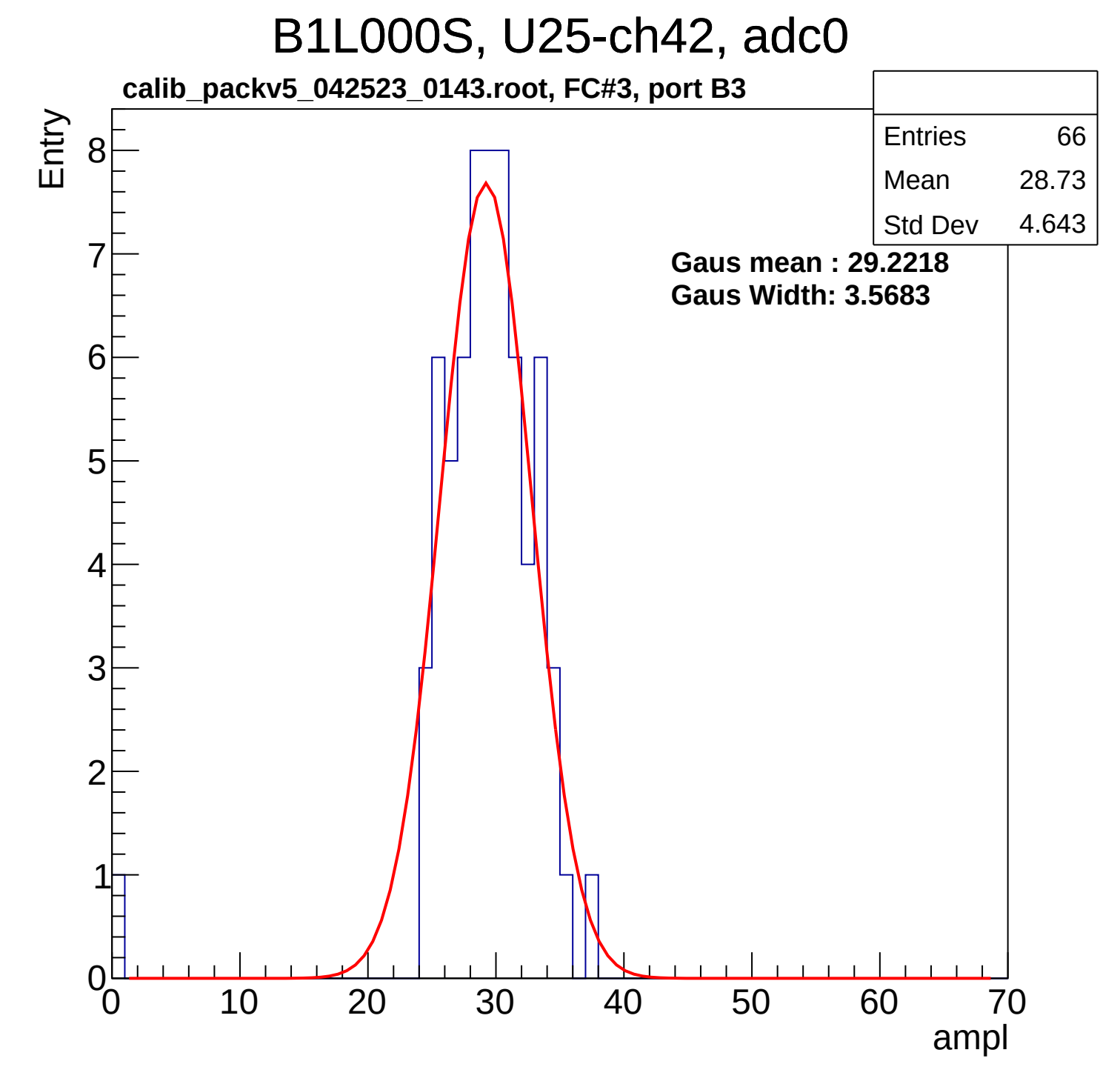
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch42, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 28.73
Std Dev 4.643
Gaus mean : 29.2218
Gaus Width: 3.5683
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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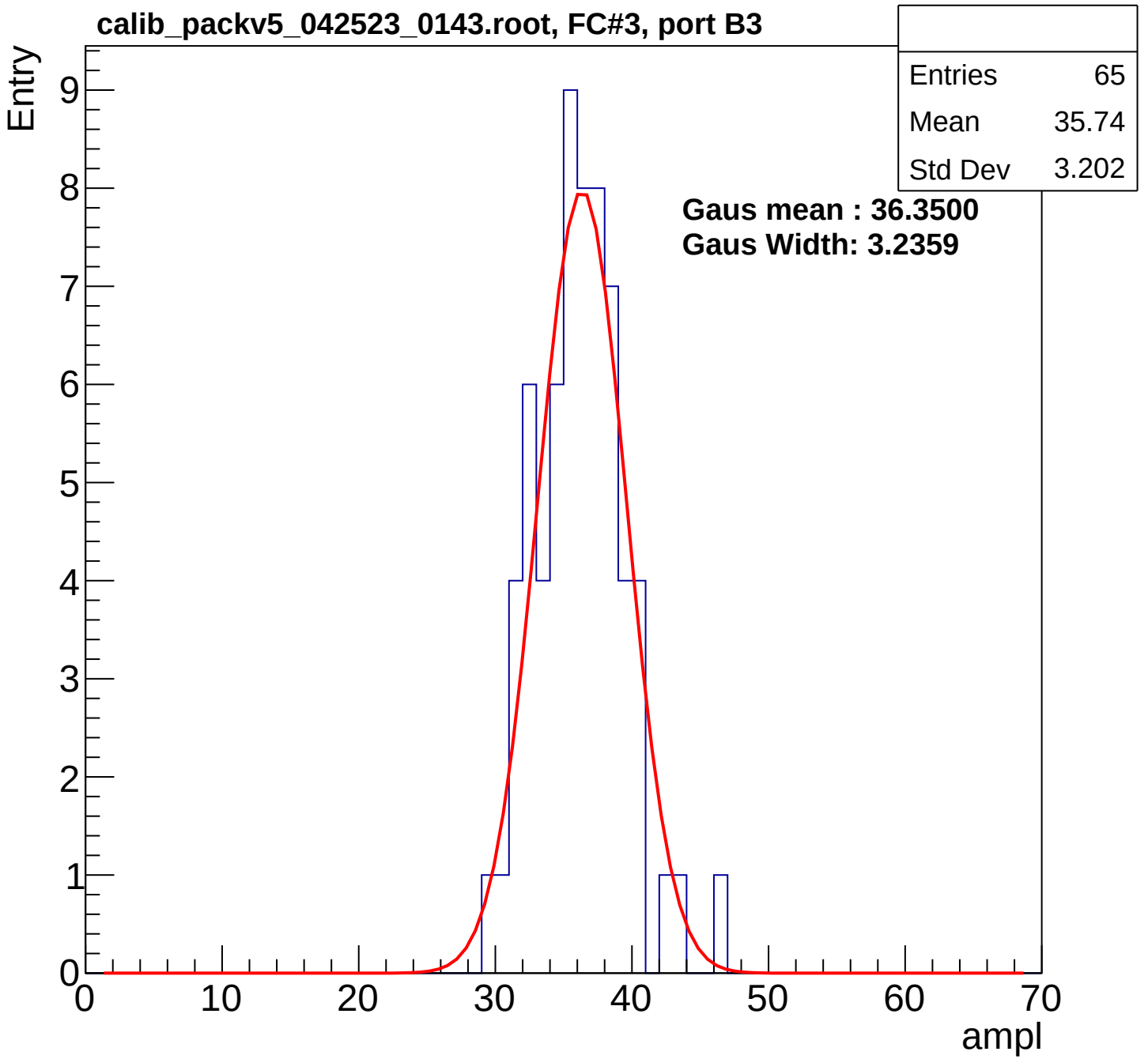
B1L000S, U25-ch42, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 35.74
Std Dev 3.202
Gaus mean : 36.3500
Gaus Width: 3.2359
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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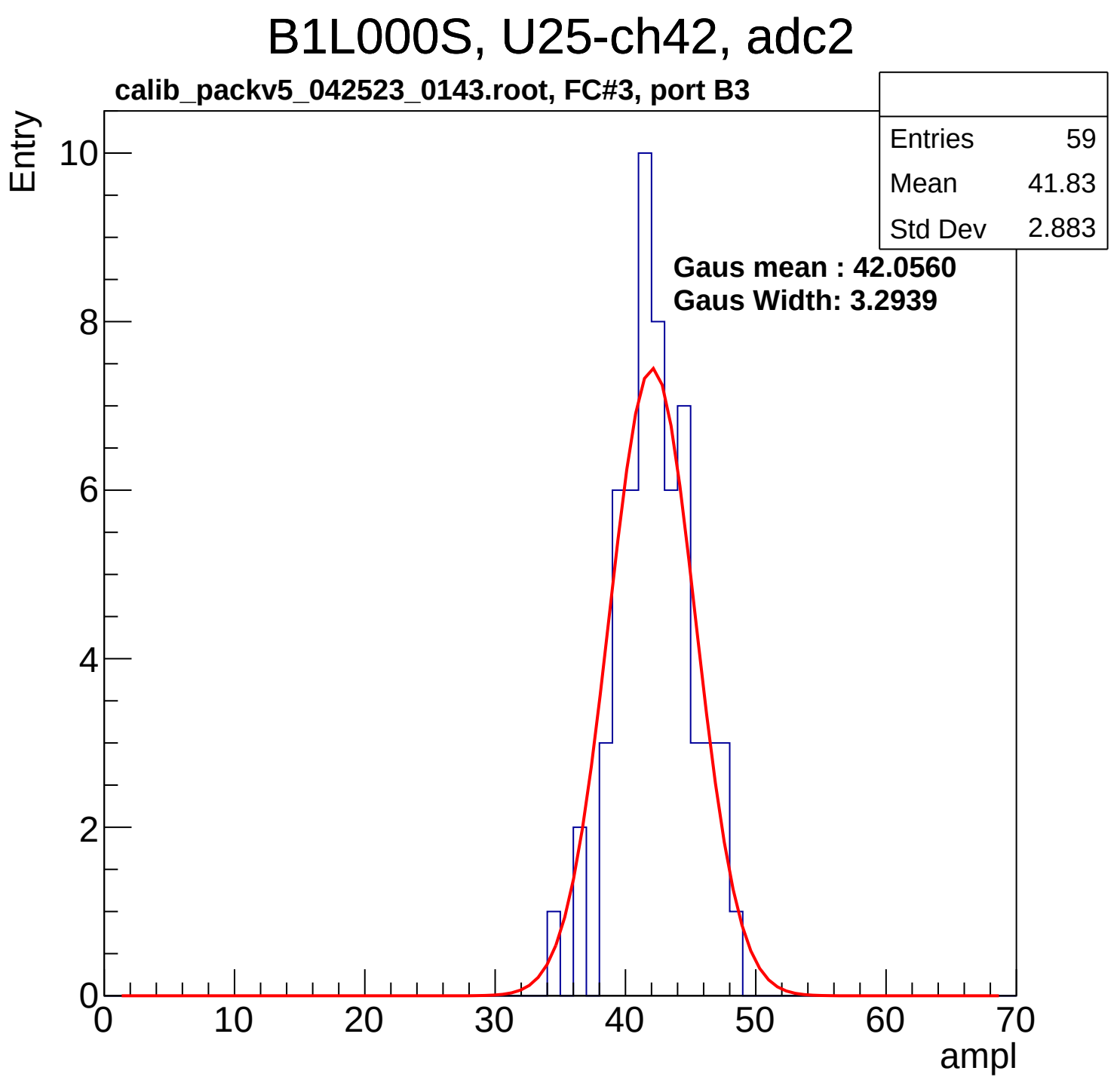
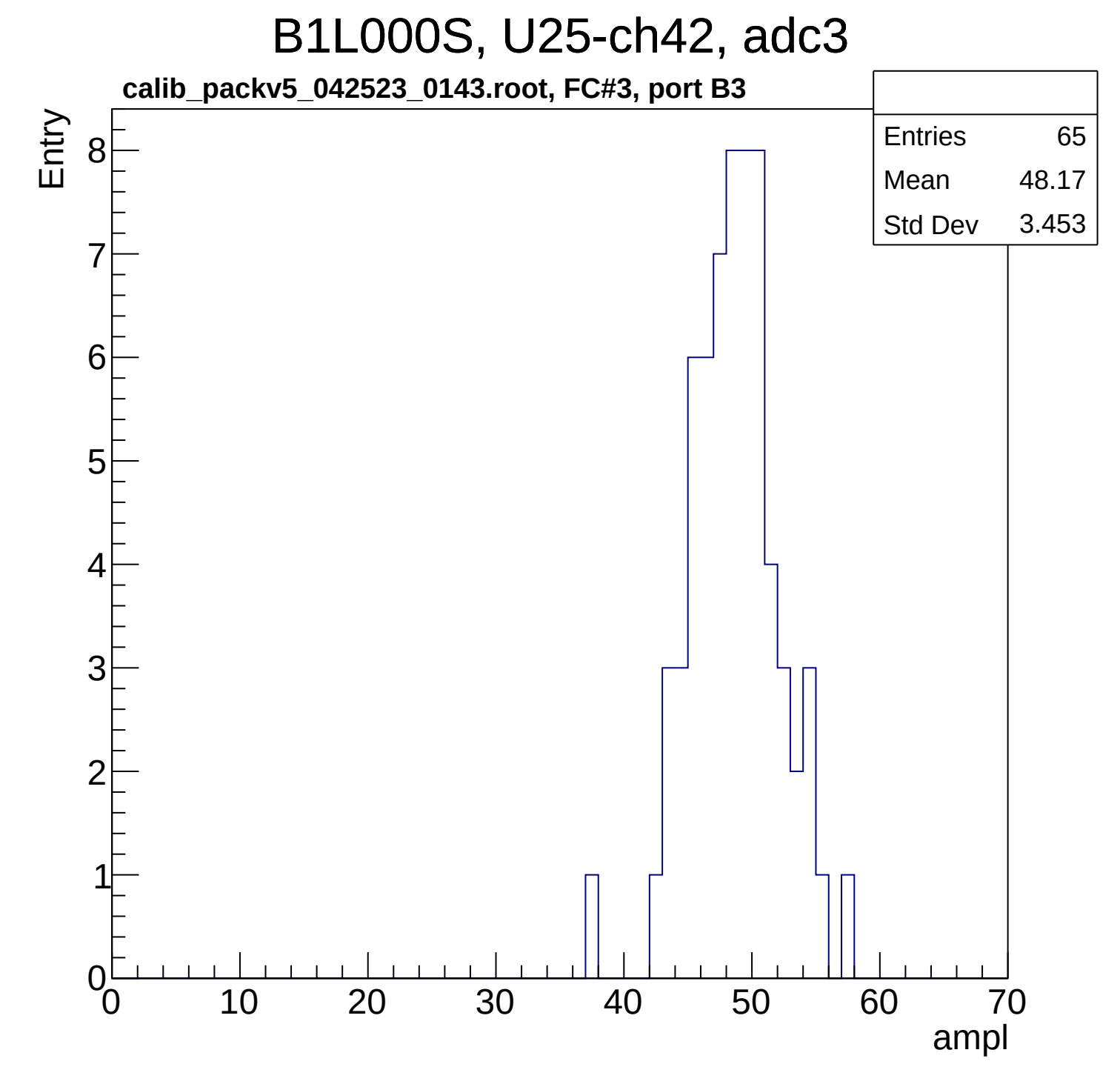

B1L000S, U25-ch42, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 41.83
Std Dev 2.883
Gaus mean : 42.0560
Gaus Width: 3.2939
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch42, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 48.17
Std Dev 3.453
Entry
ampl
0
1
2
3
4
5
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7
8
0
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40
50
60
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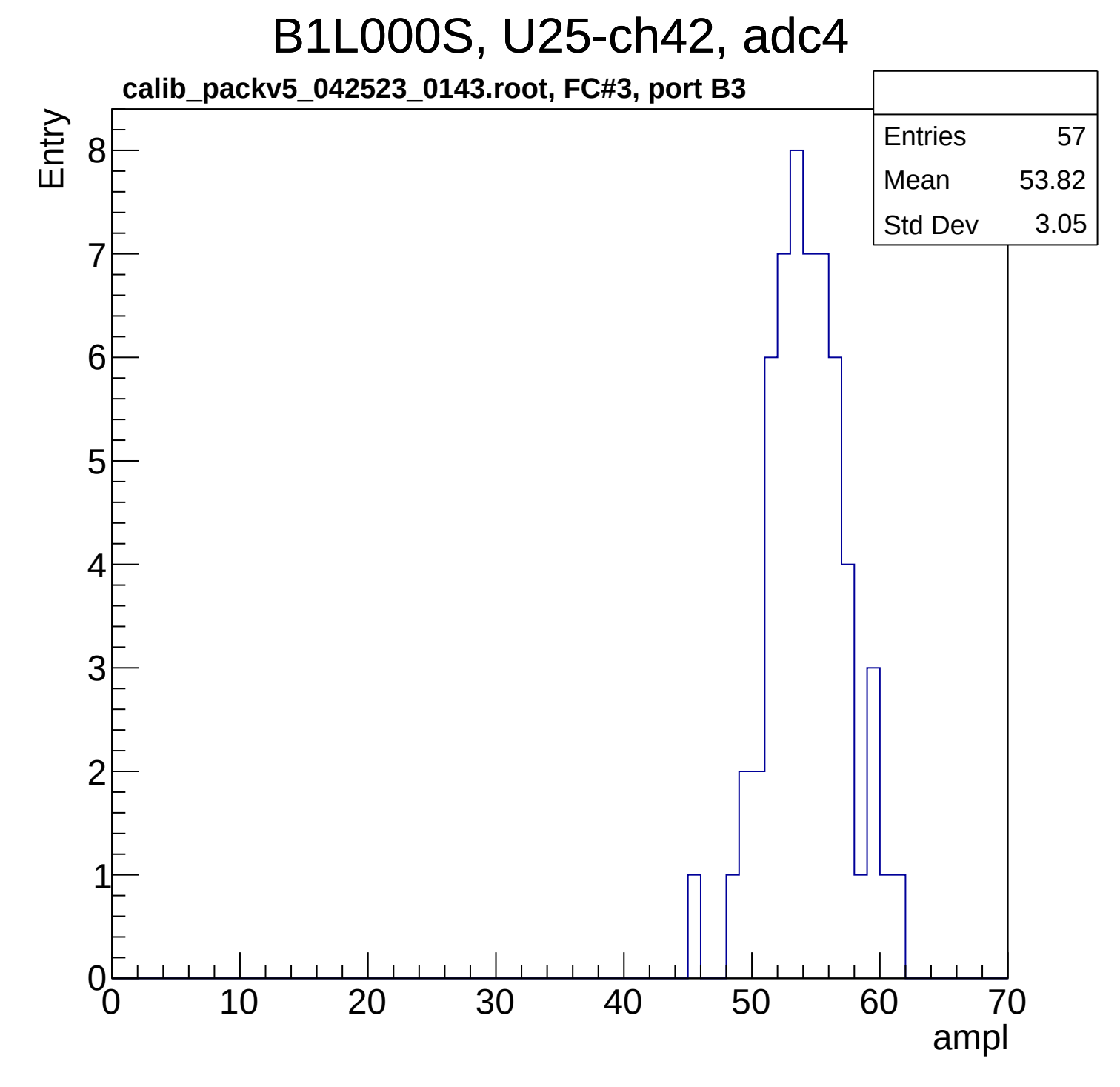
B1L000S, U25-ch42, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 53.82
Std Dev 3.05
Entry
ampl
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2
3
4
5
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7
8
0
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40
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60
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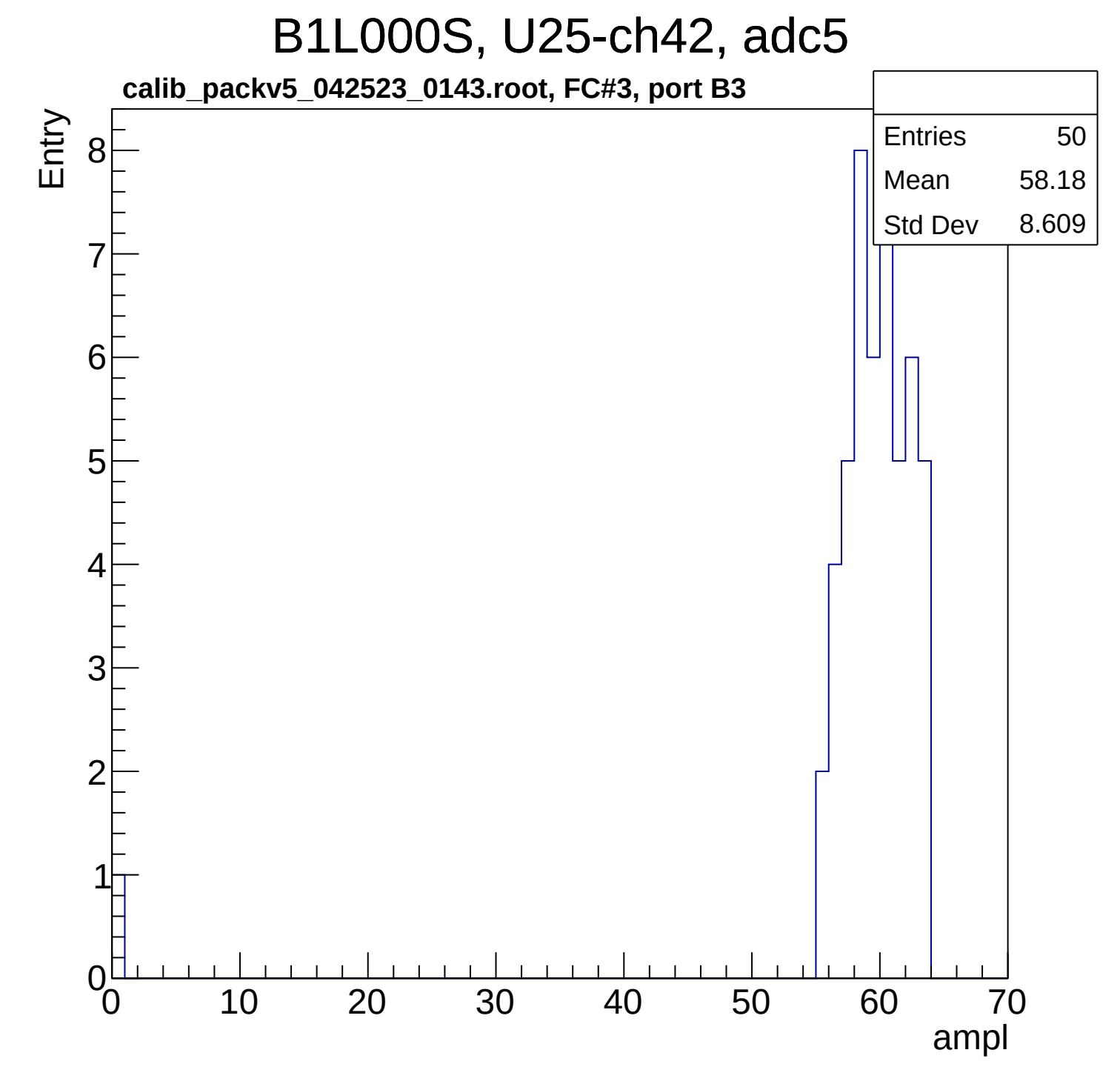
B1L000S, U25-ch42, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 58.18
Std Dev 8.609
Entry
ampl
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0
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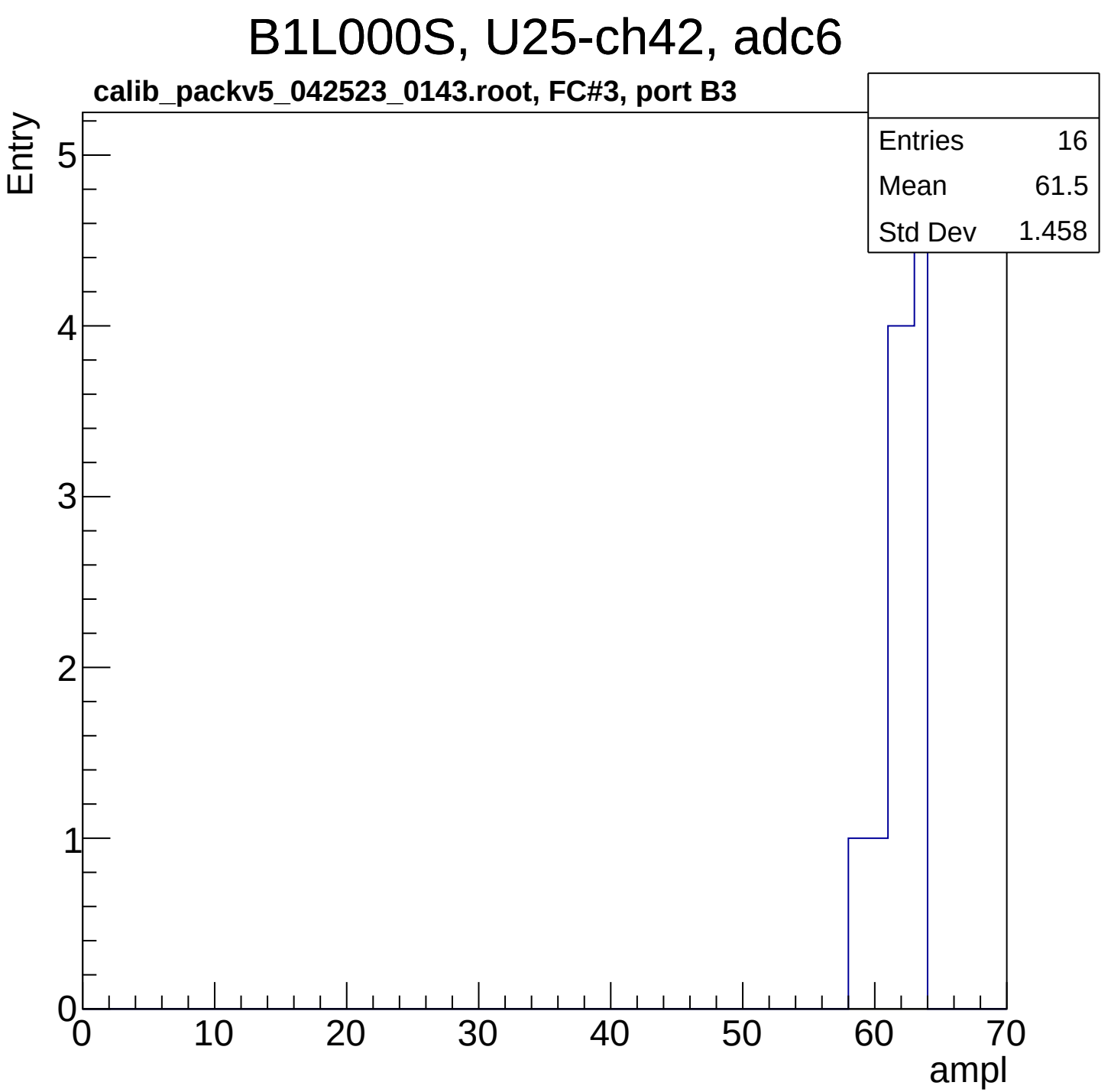
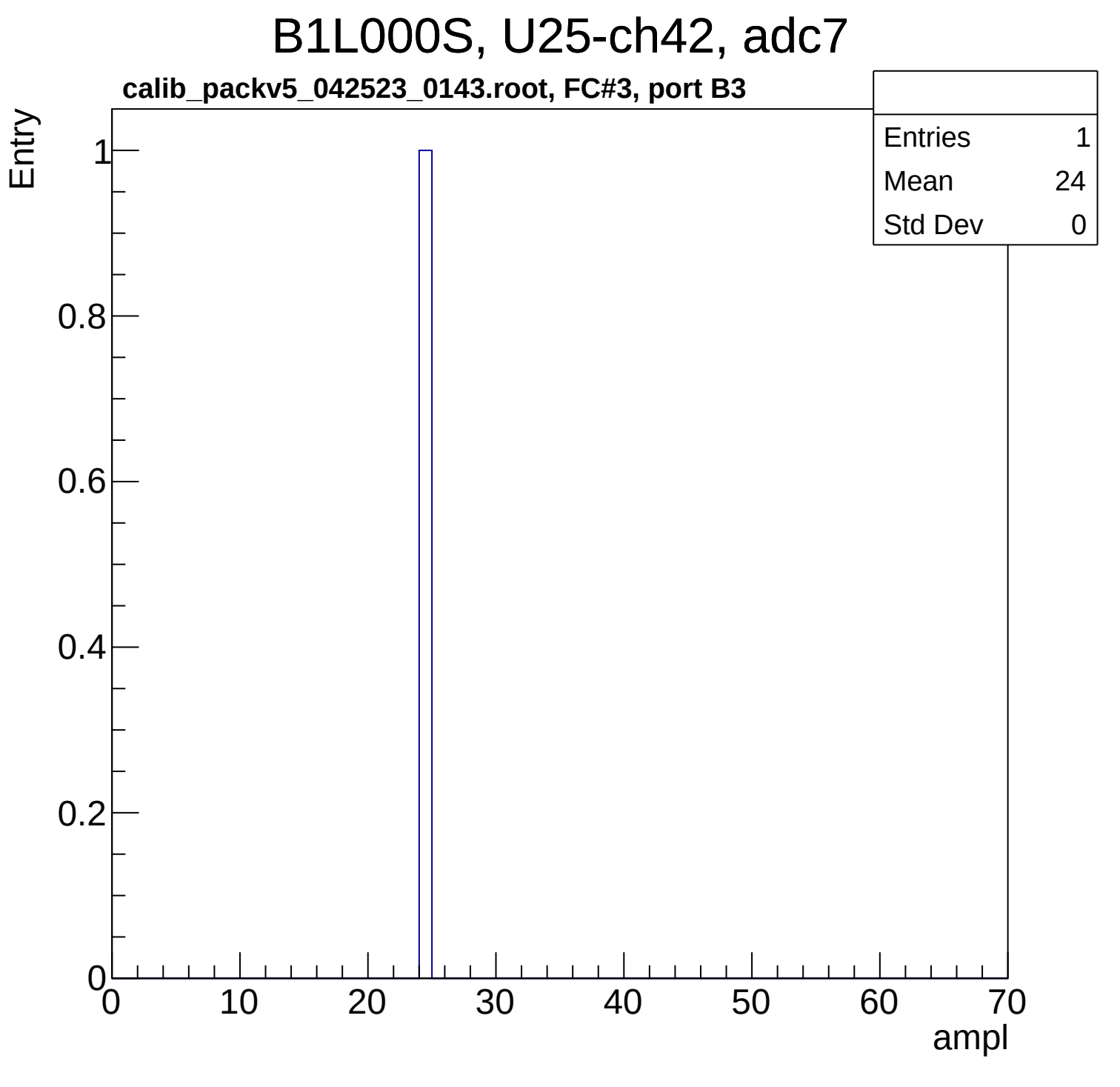

B1L000S, U25-ch42, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 61.5
Std Dev 1.458
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch42, 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
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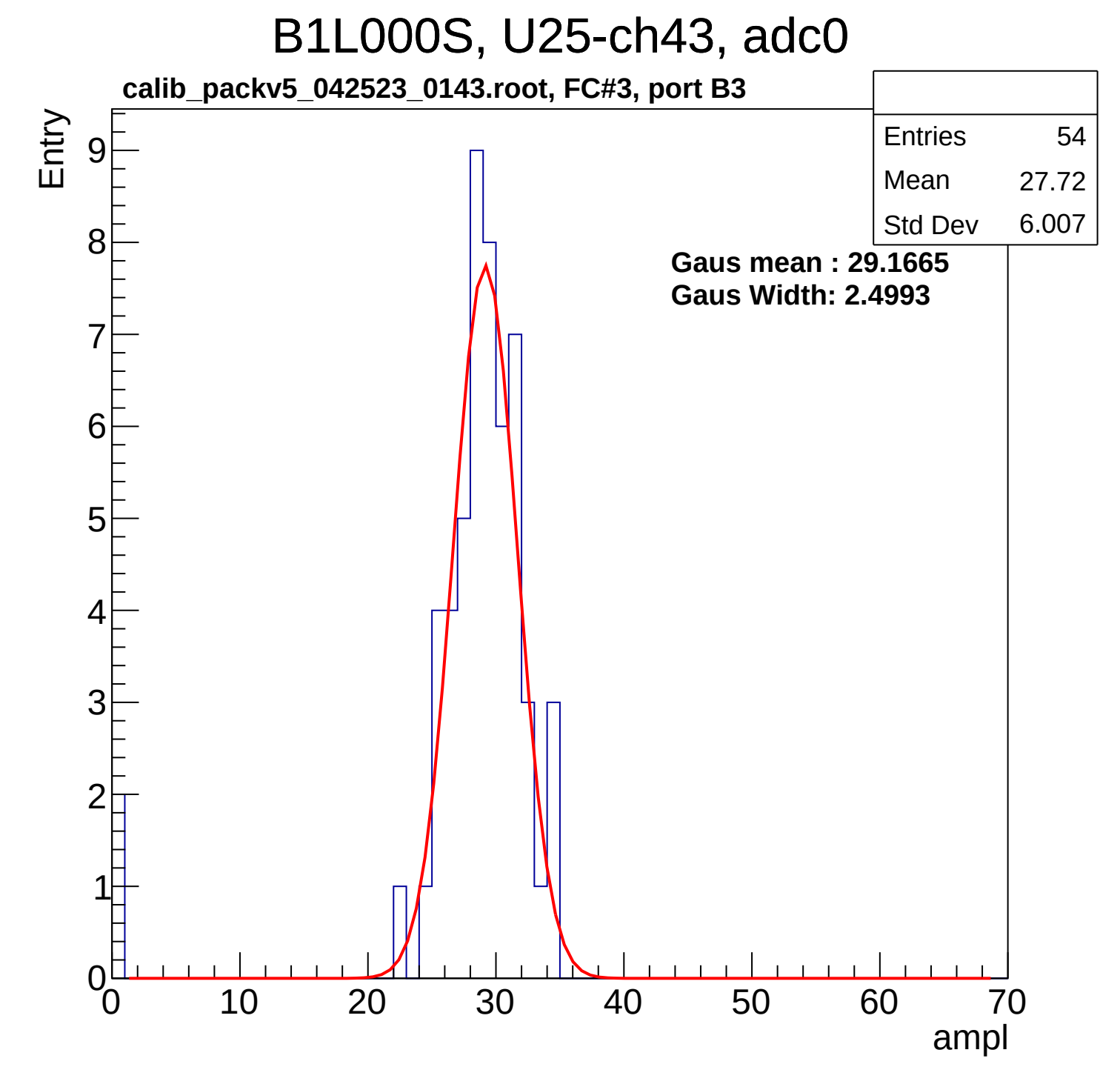
40
50
60
70
ampl


B1L000S, U25-ch43, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 27.72
Std Dev 6.007
Gaus mean : 29.1665
Gaus Width: 2.4993
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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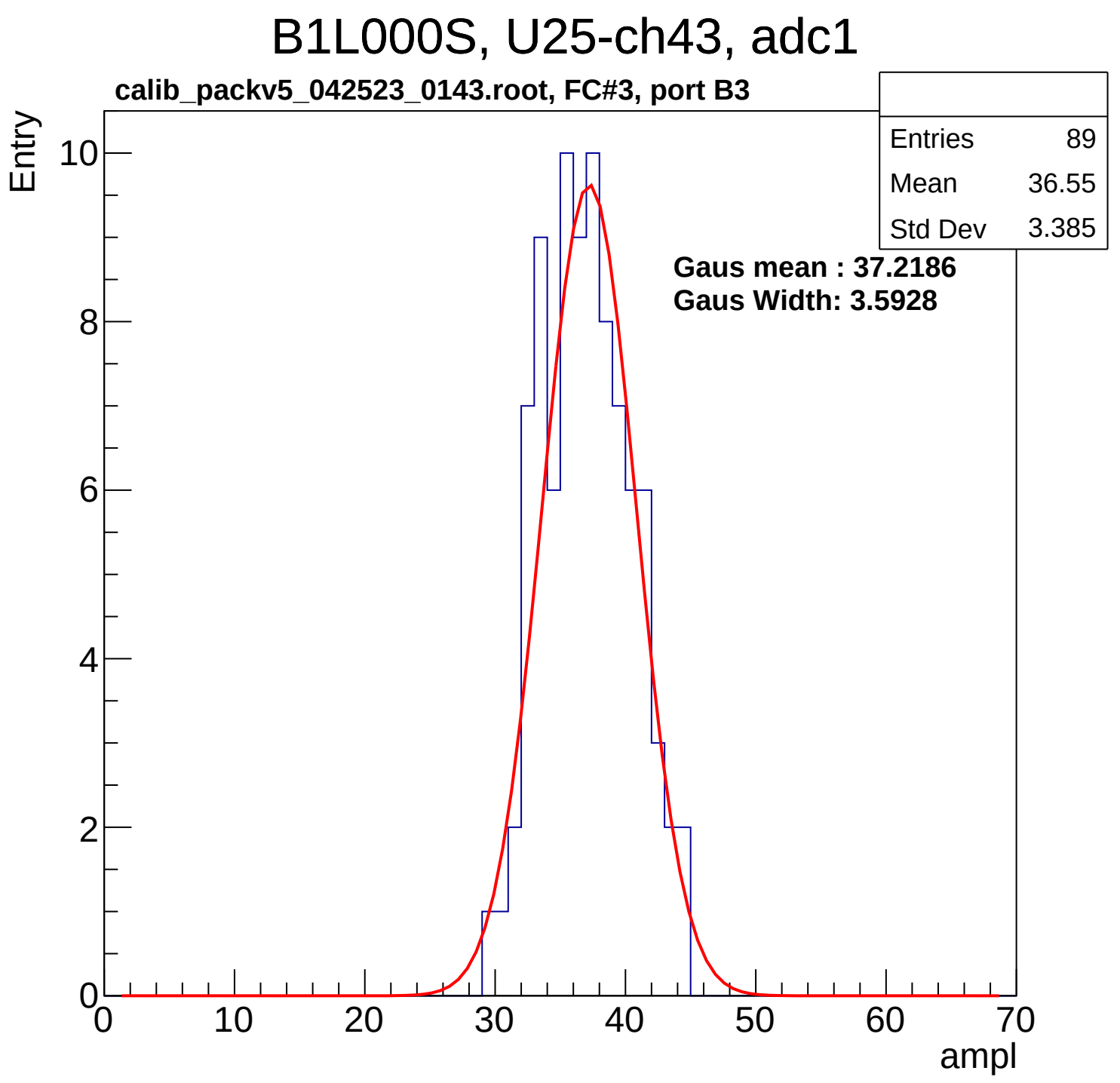
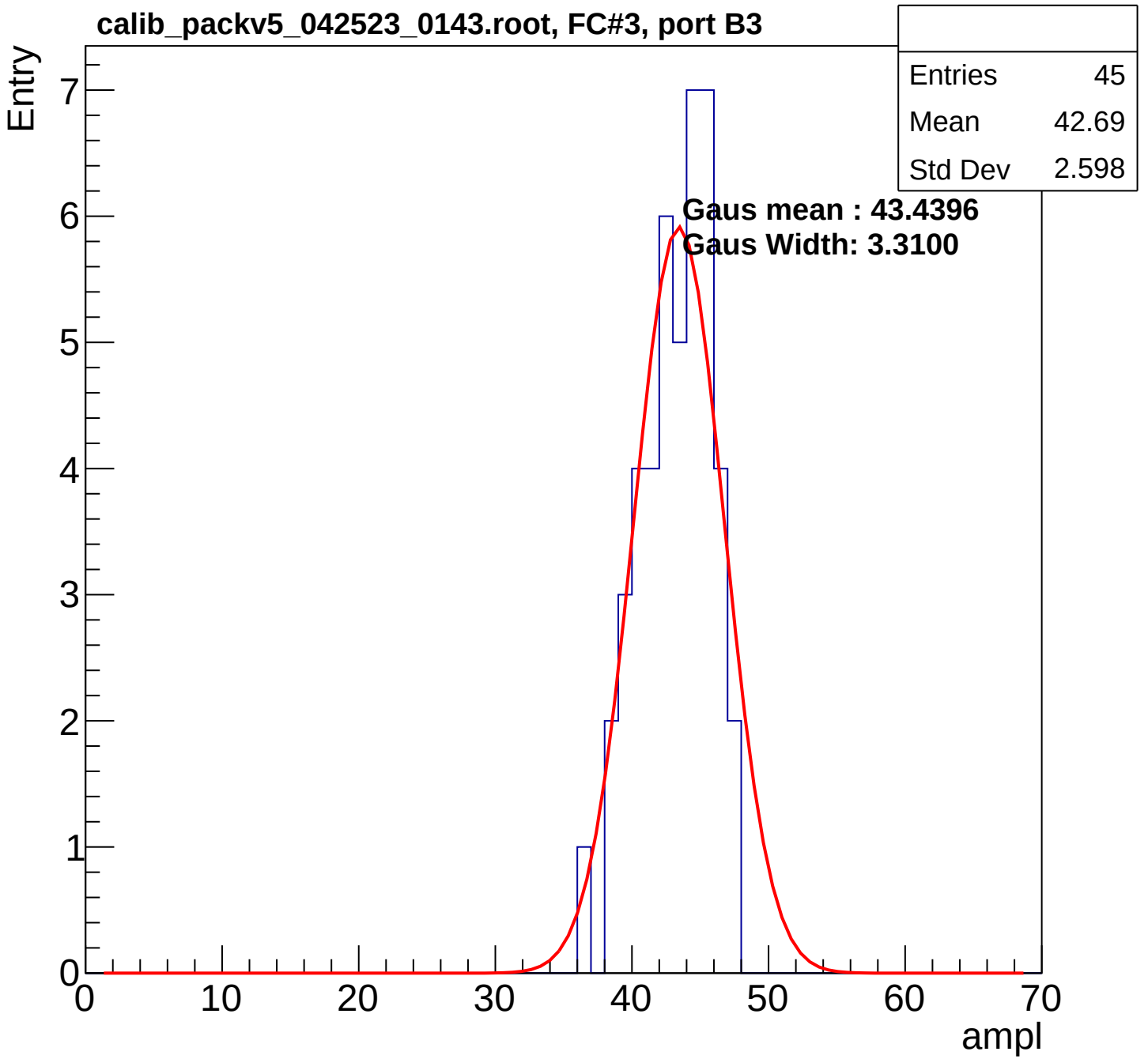

B1L000S, U25-ch43, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 89
Mean 36.55
Std Dev 3.385
Gaus mean : 37.2186
Gaus Width: 3.5928
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch43, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 42.69
Std Dev 2.598
Gaus mean : 43.4396
Gaus Width: 3.3100
Entry
ampl
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1
2
3
4
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0
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60
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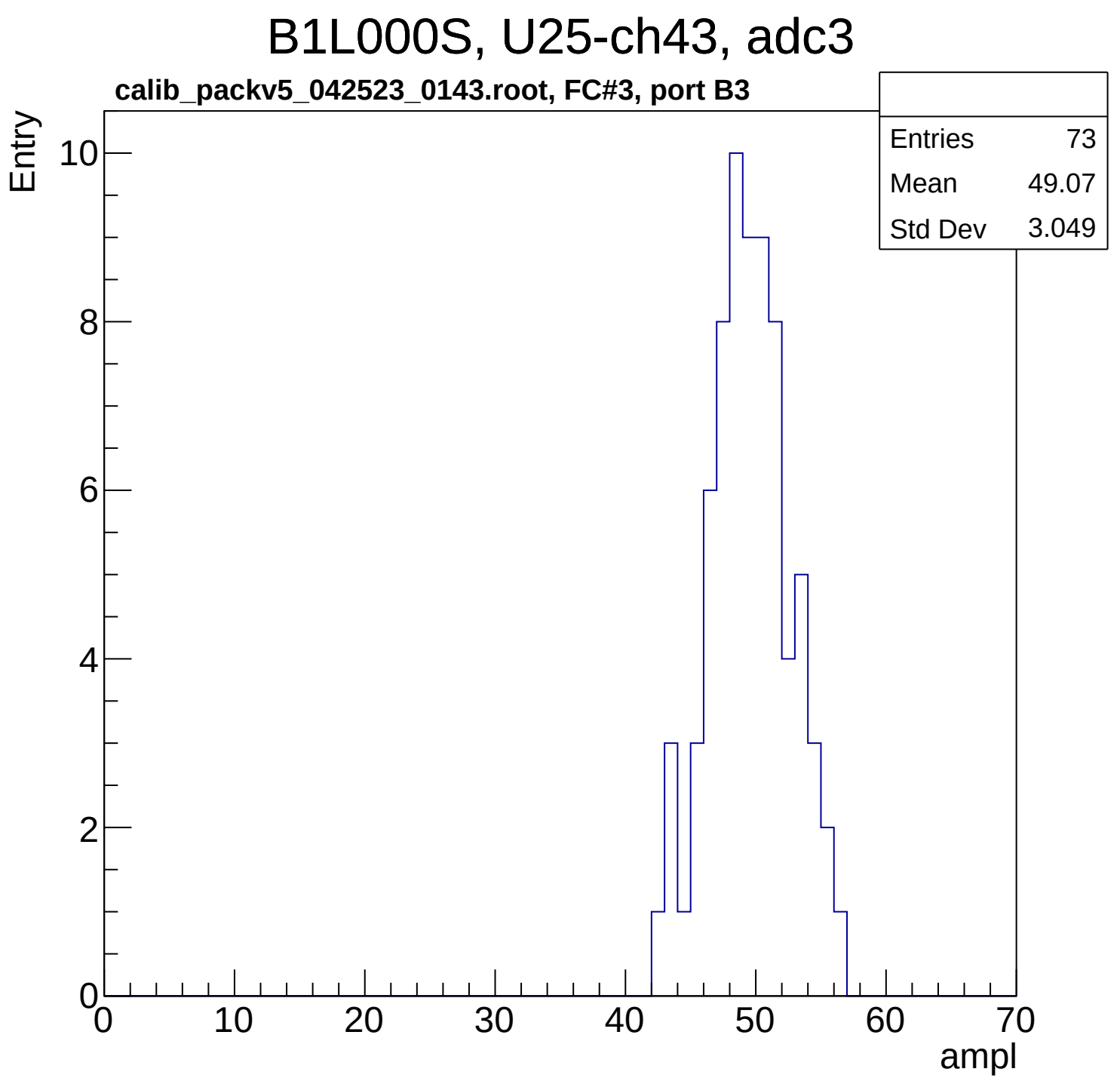
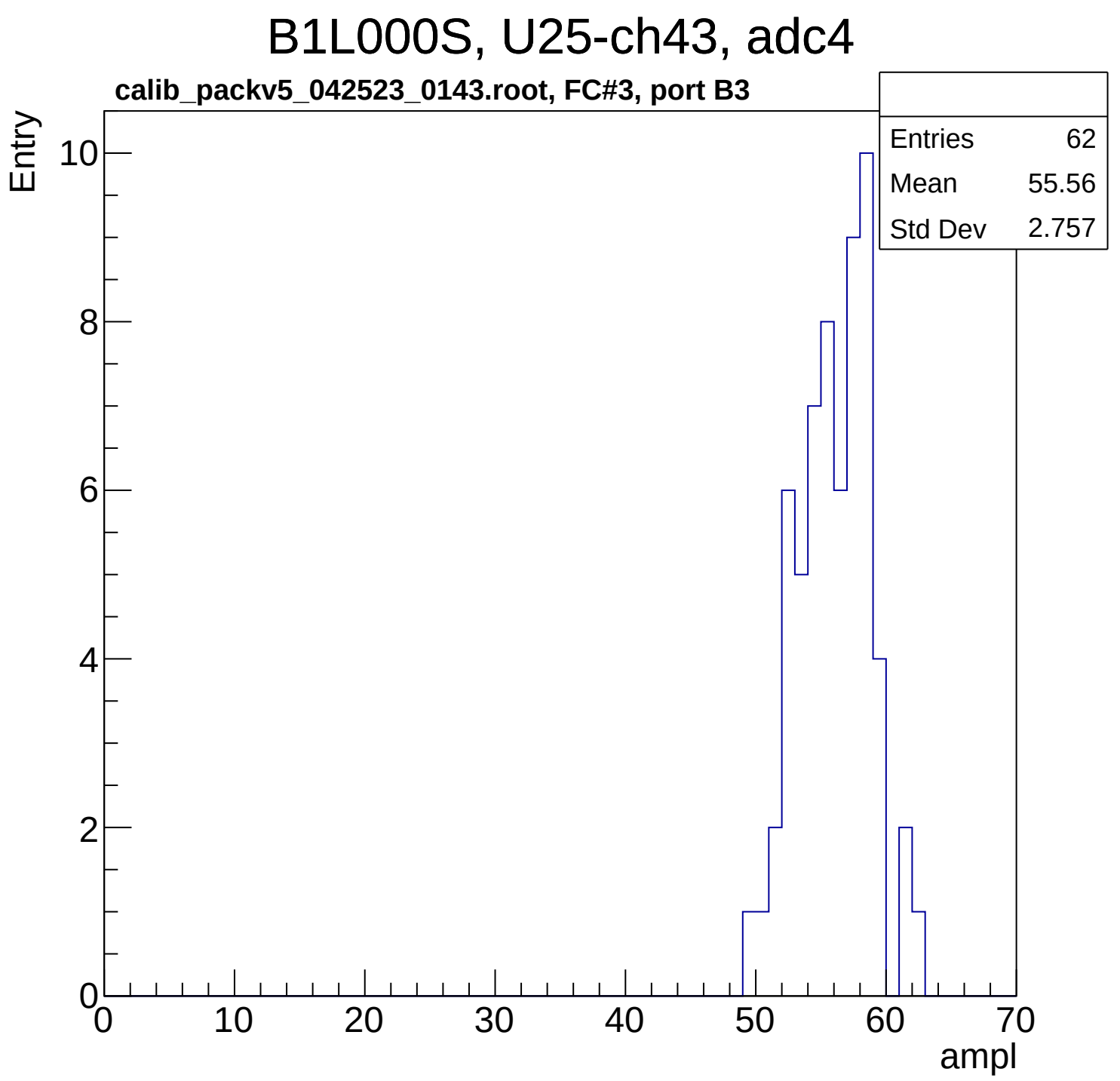
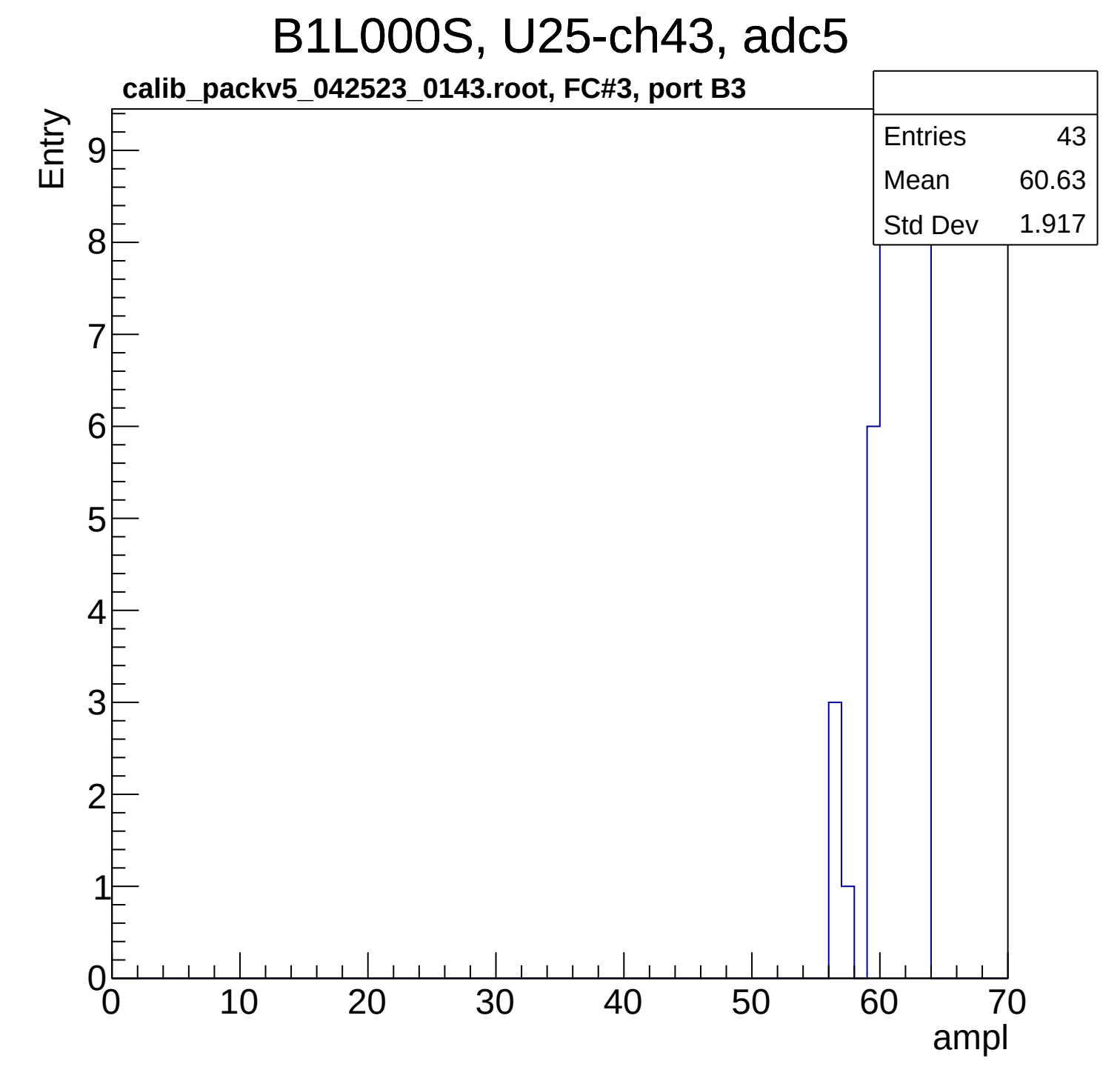
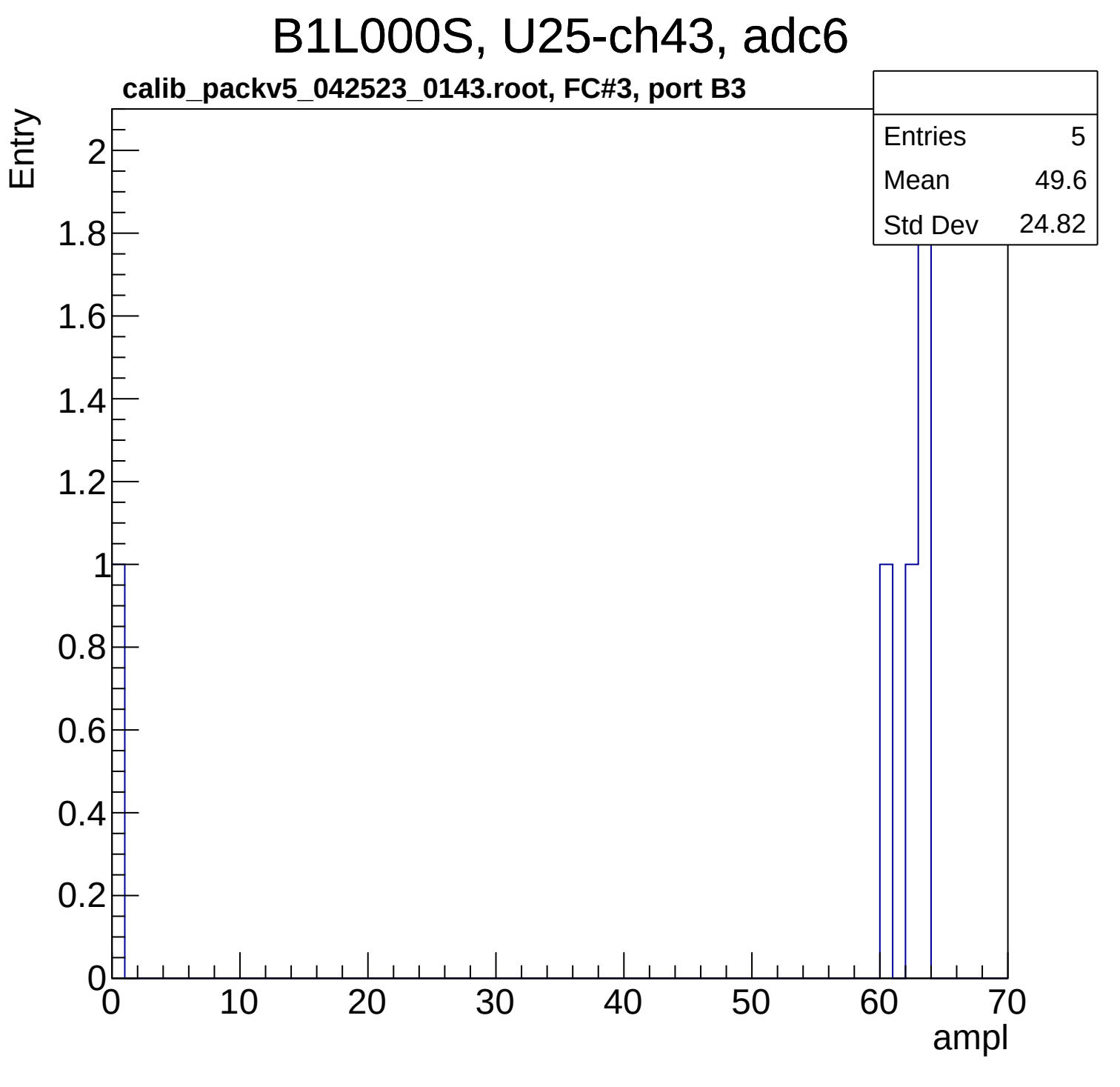
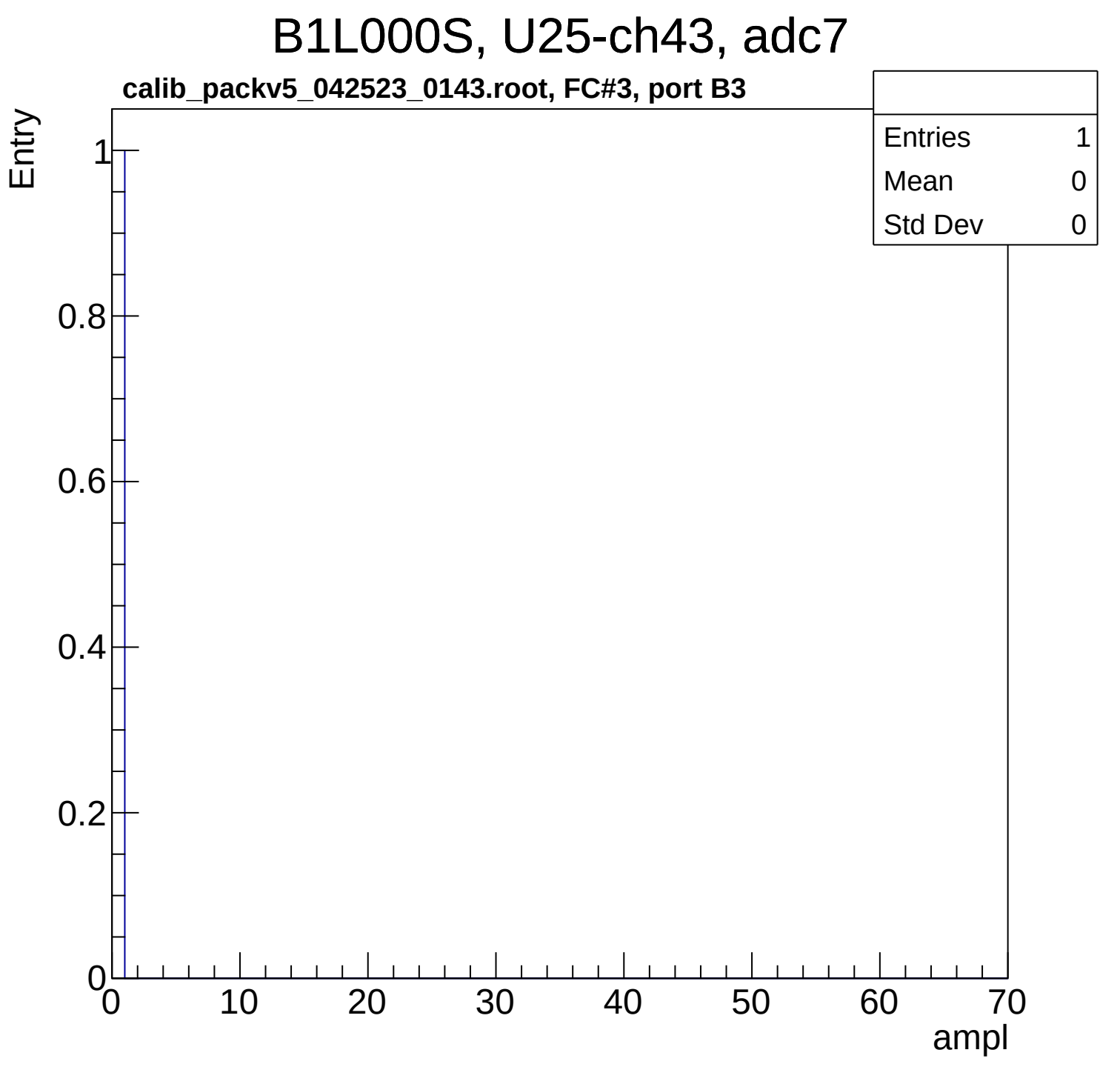
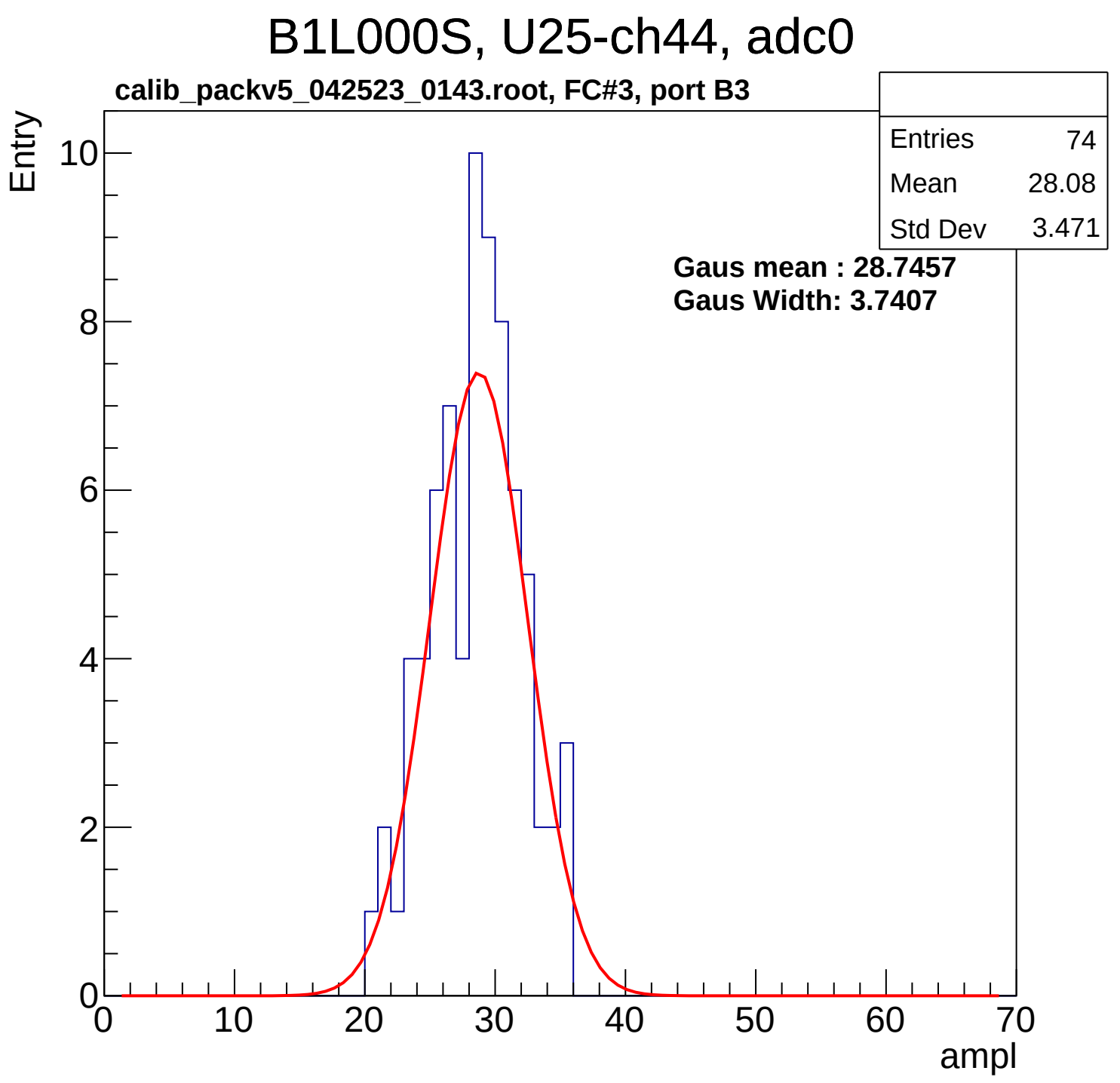

B1L000S, U25-ch43, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 49.07
Std Dev 3.049
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

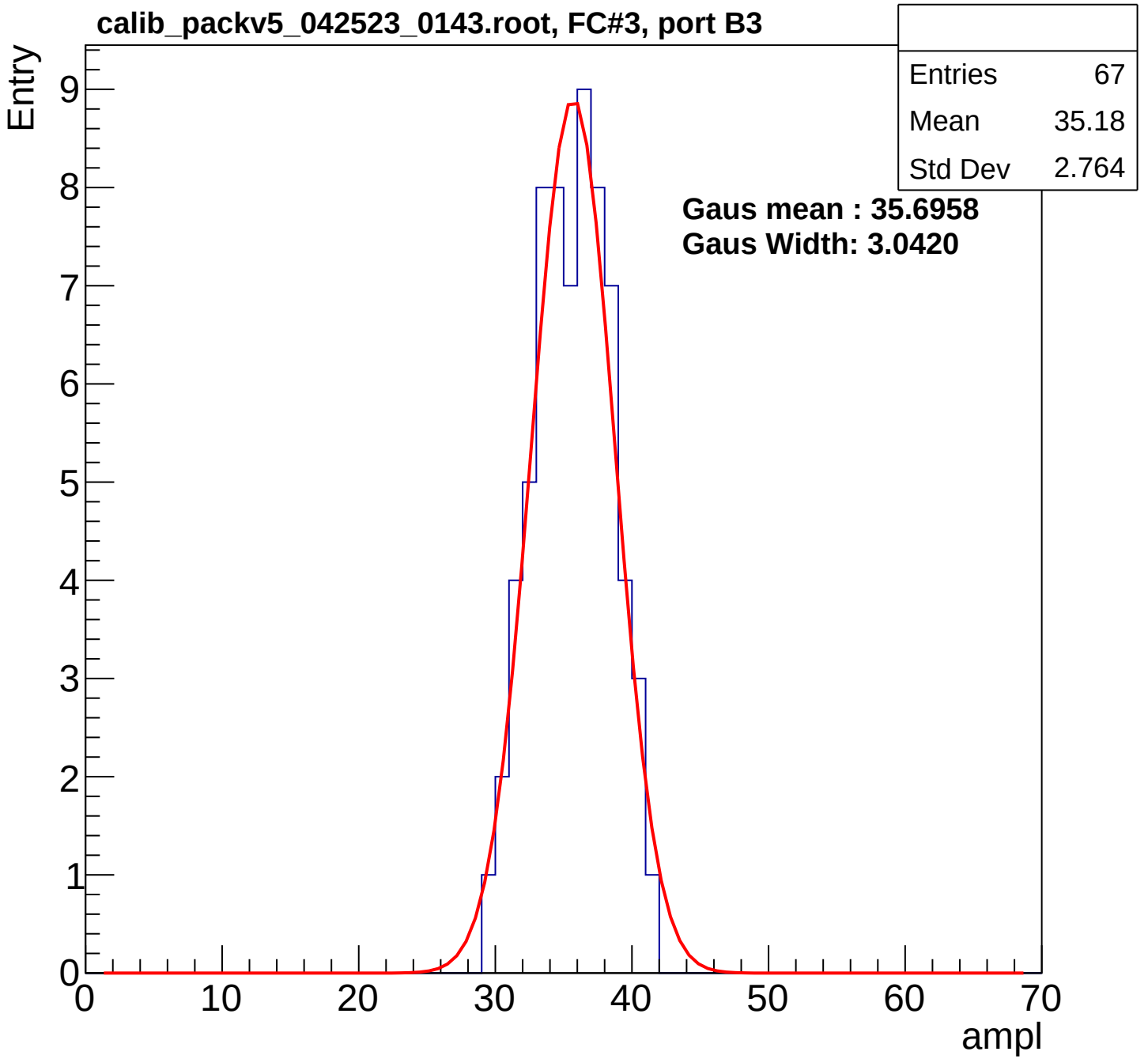

B1L000S, U25-ch43, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 55.56
Std Dev 2.757
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

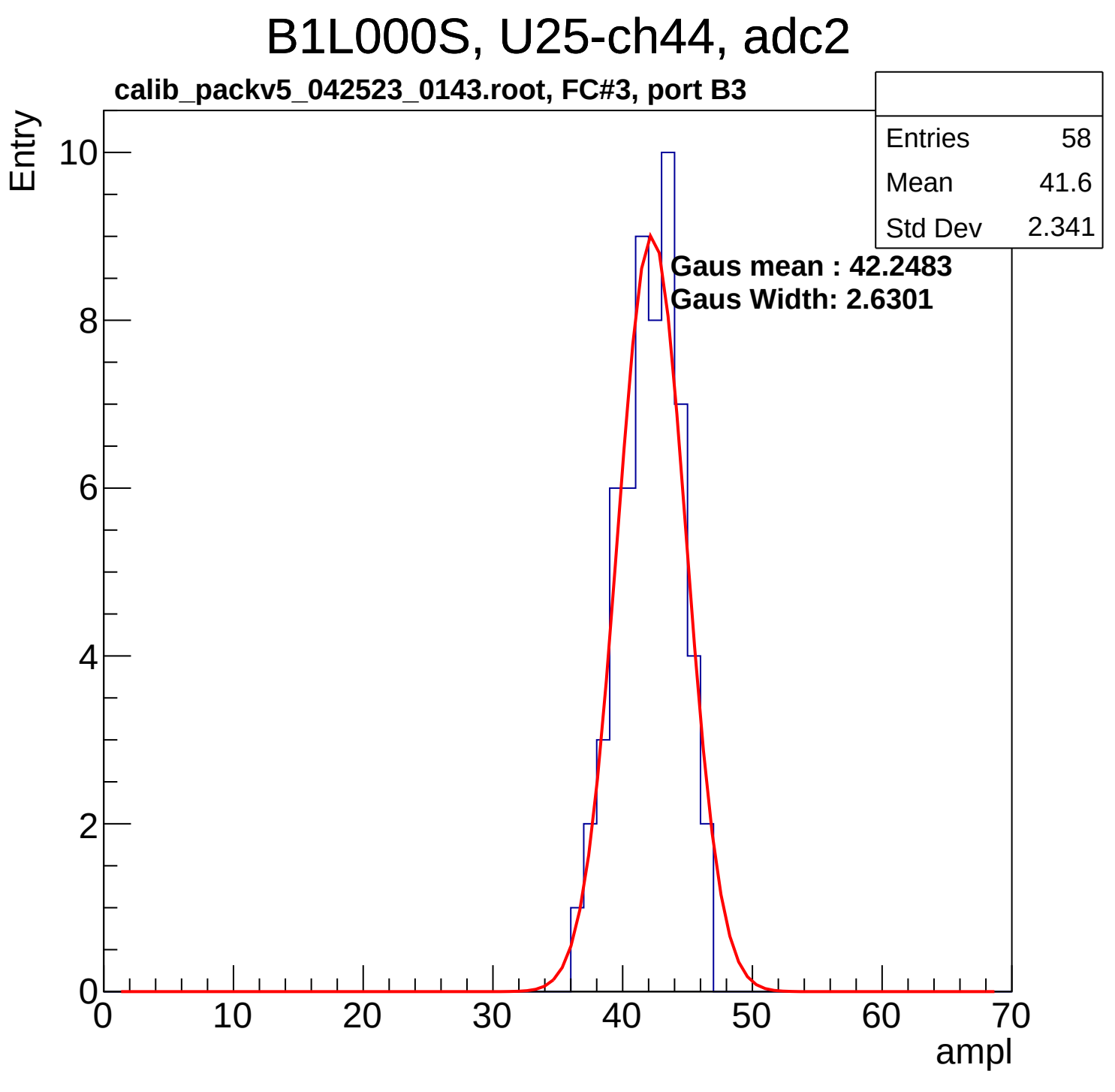

B1L000S, U25-ch43, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 60.63
Std Dev 1.917
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

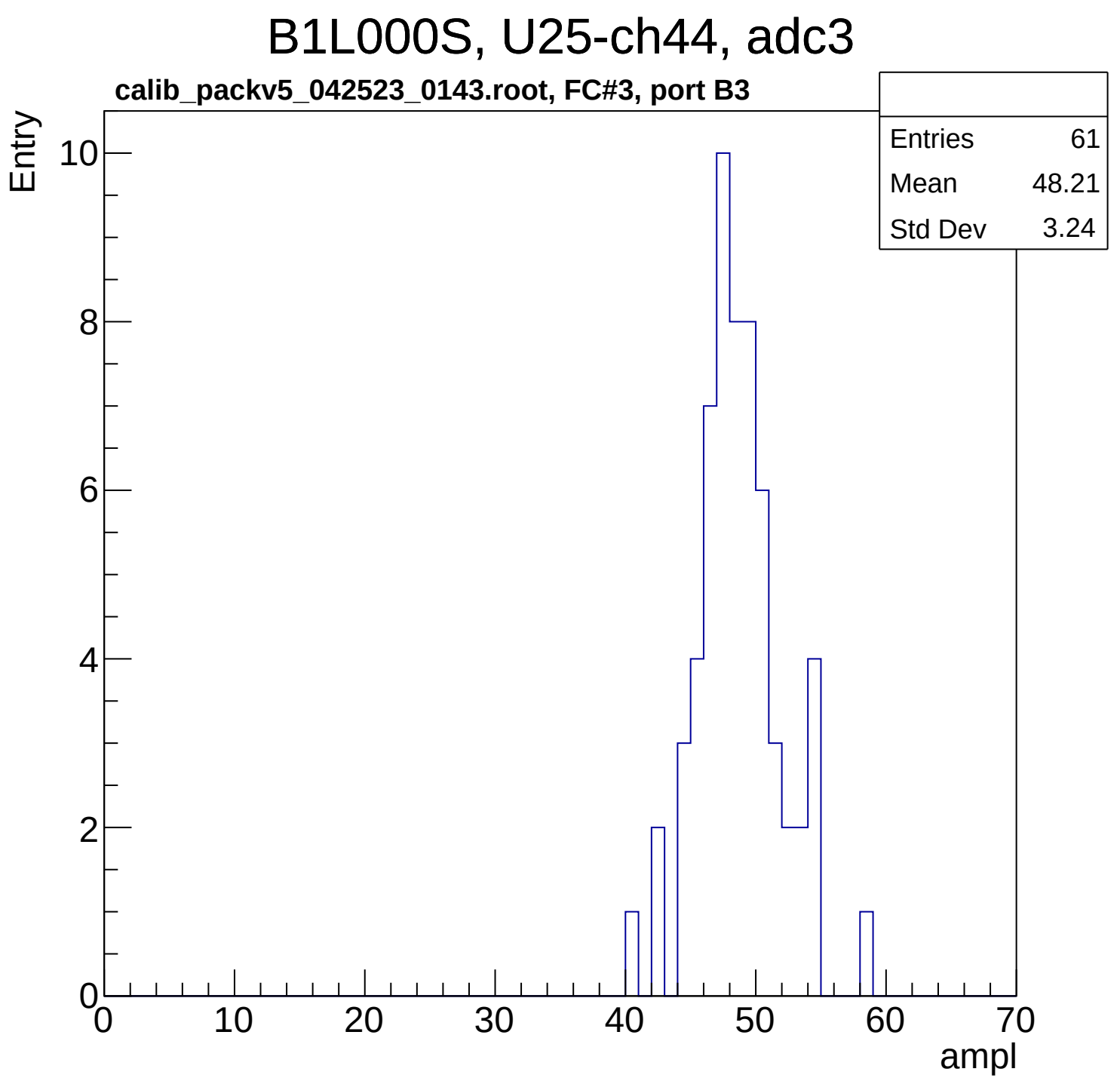

B1L000S, U25-ch43, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 49.6
Std Dev 24.82
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L000S, U25-ch43, 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, U25-ch44, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 28.08
Std Dev 3.471
Gaus mean : 28.7457
Gaus Width: 3.7407
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch44, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 35.18
Std Dev 2.764
Gaus mean : 35.6958
Gaus Width: 3.0420
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U25-ch44, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 41.6
Std Dev 2.341
Gaus mean : 42.2483
Gaus Width: 2.6301
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch44, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 48.21
Std Dev 3.24
Entry
ampl
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2
4
6
8
10
0
10
20
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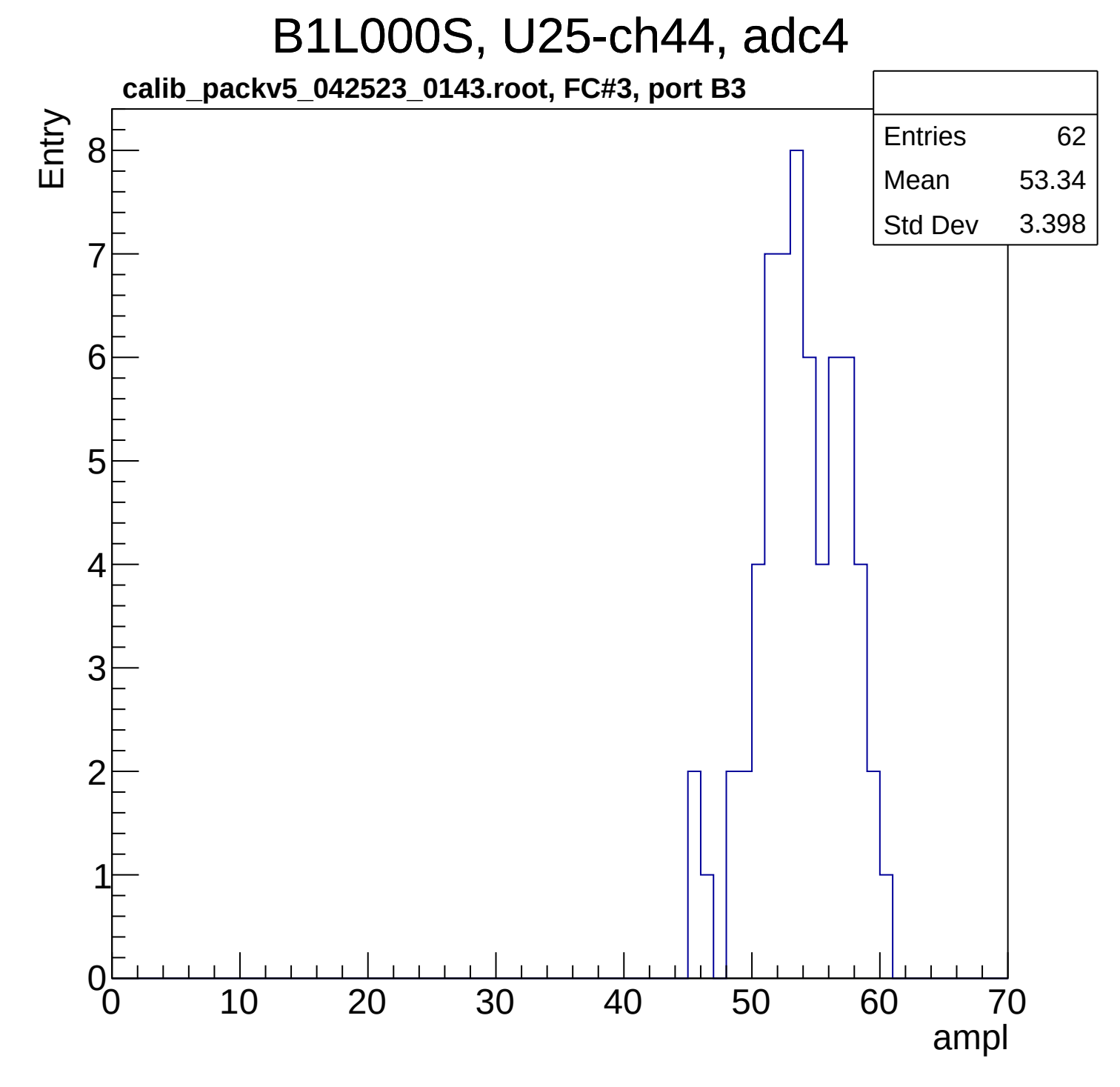
40
50
60
70


B1L000S, U25-ch44, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 53.34
Std Dev 3.398
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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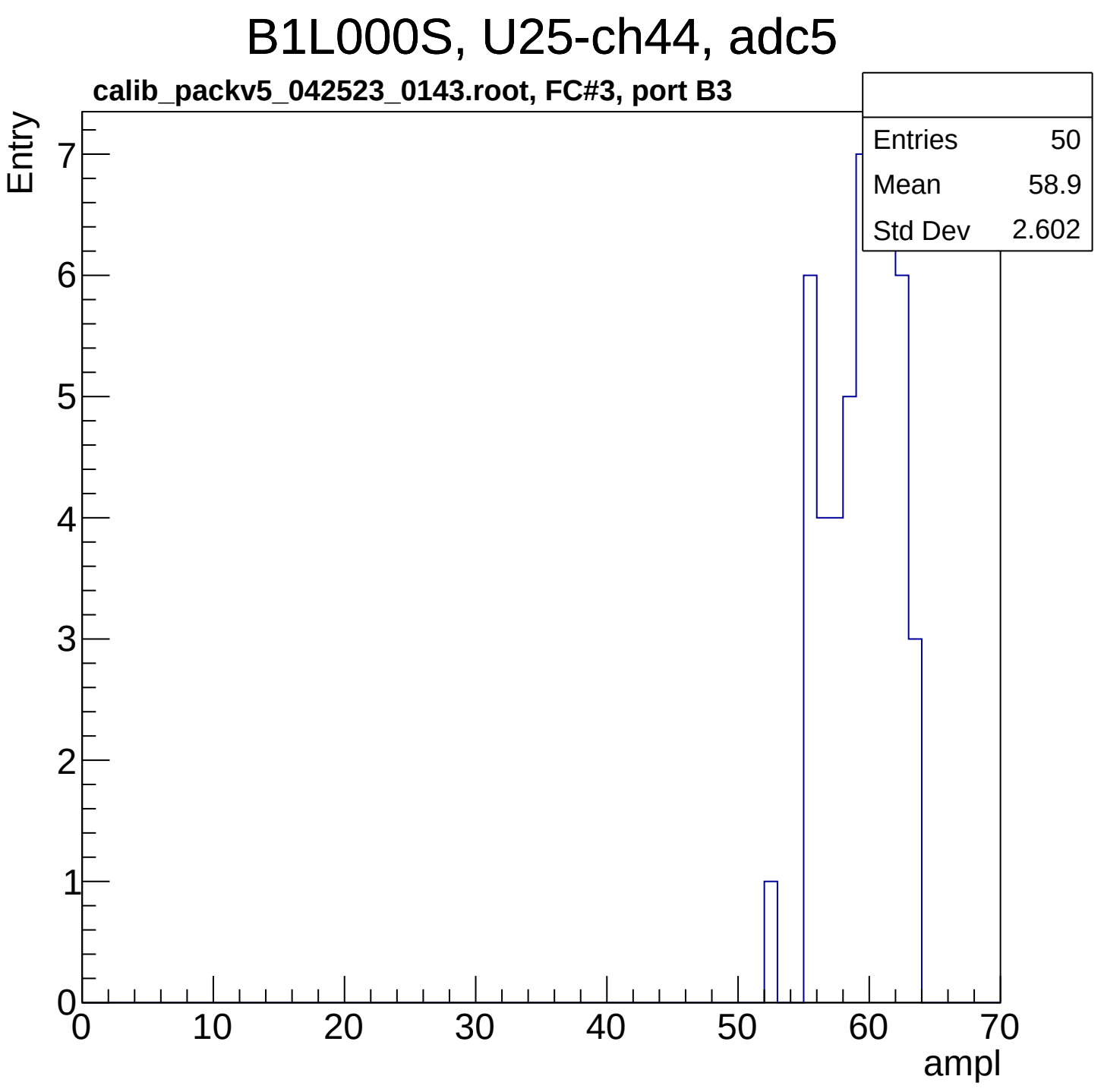
40
50
60
70


B1L000S, U25-ch44, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 58.9
Std Dev 2.602
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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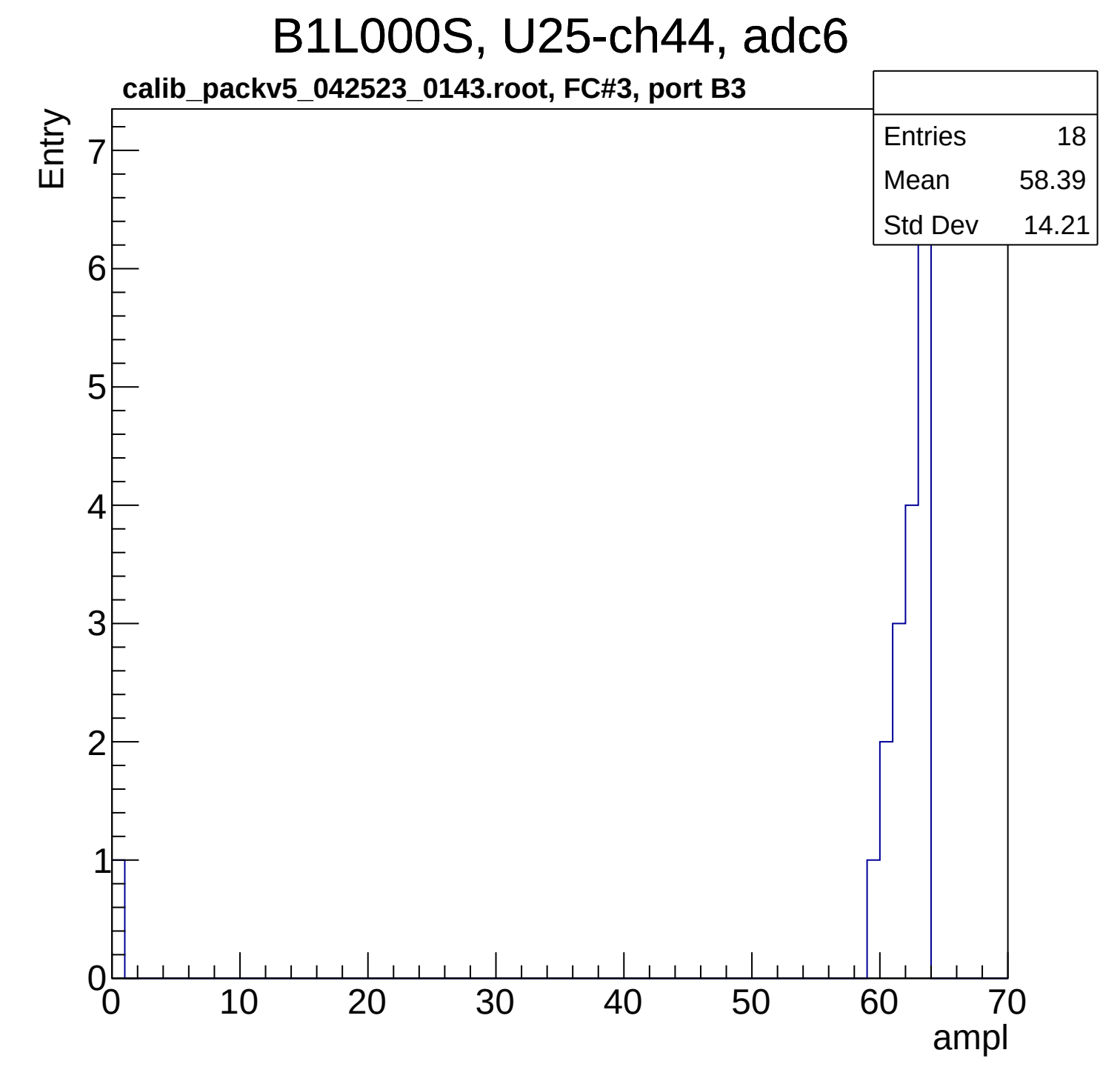
B1L000S, U25-ch44, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 18
Mean 58.39
Std Dev 14.21
Entry
ampl
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0
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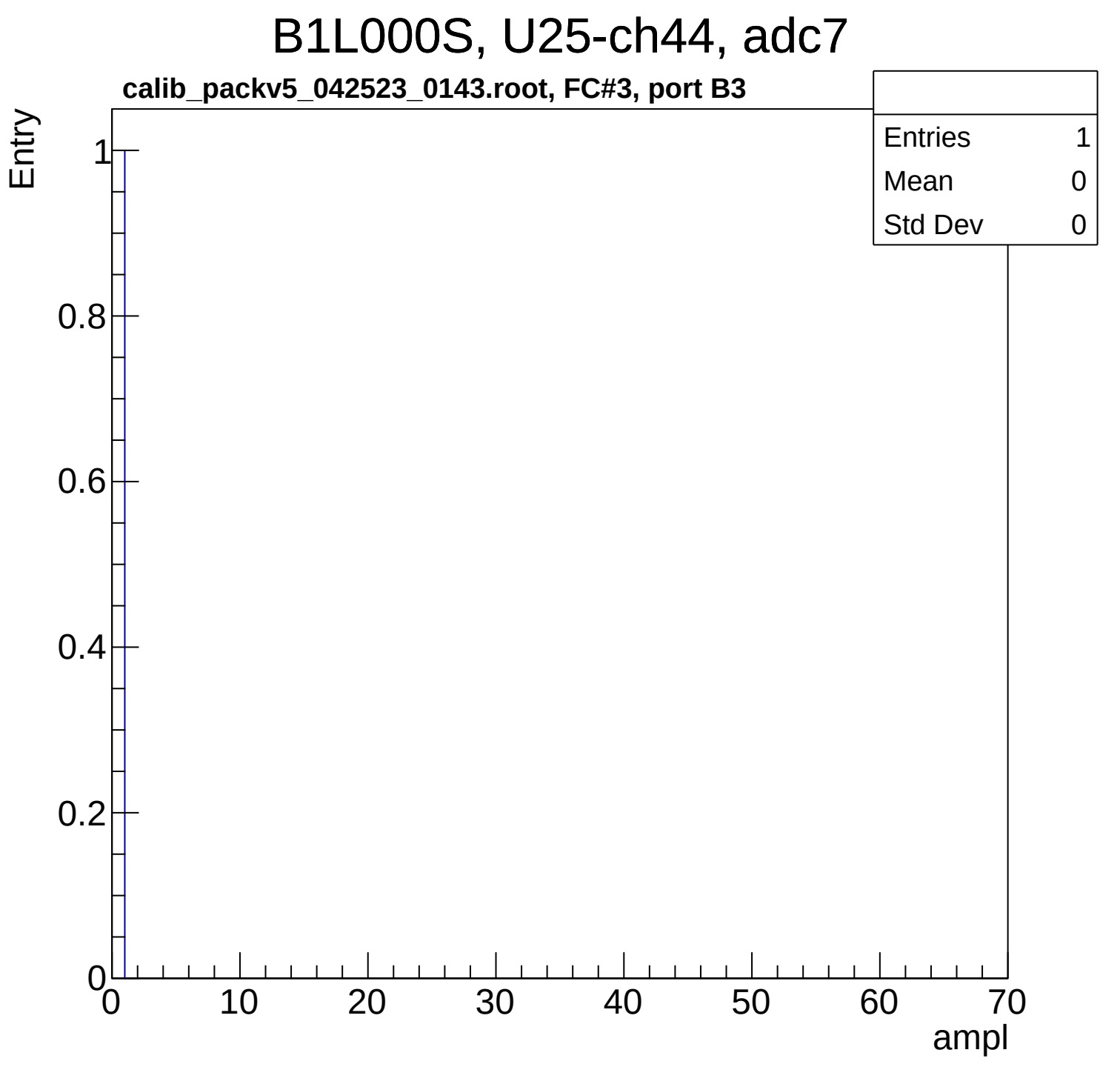
B1L000S, U25-ch44, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
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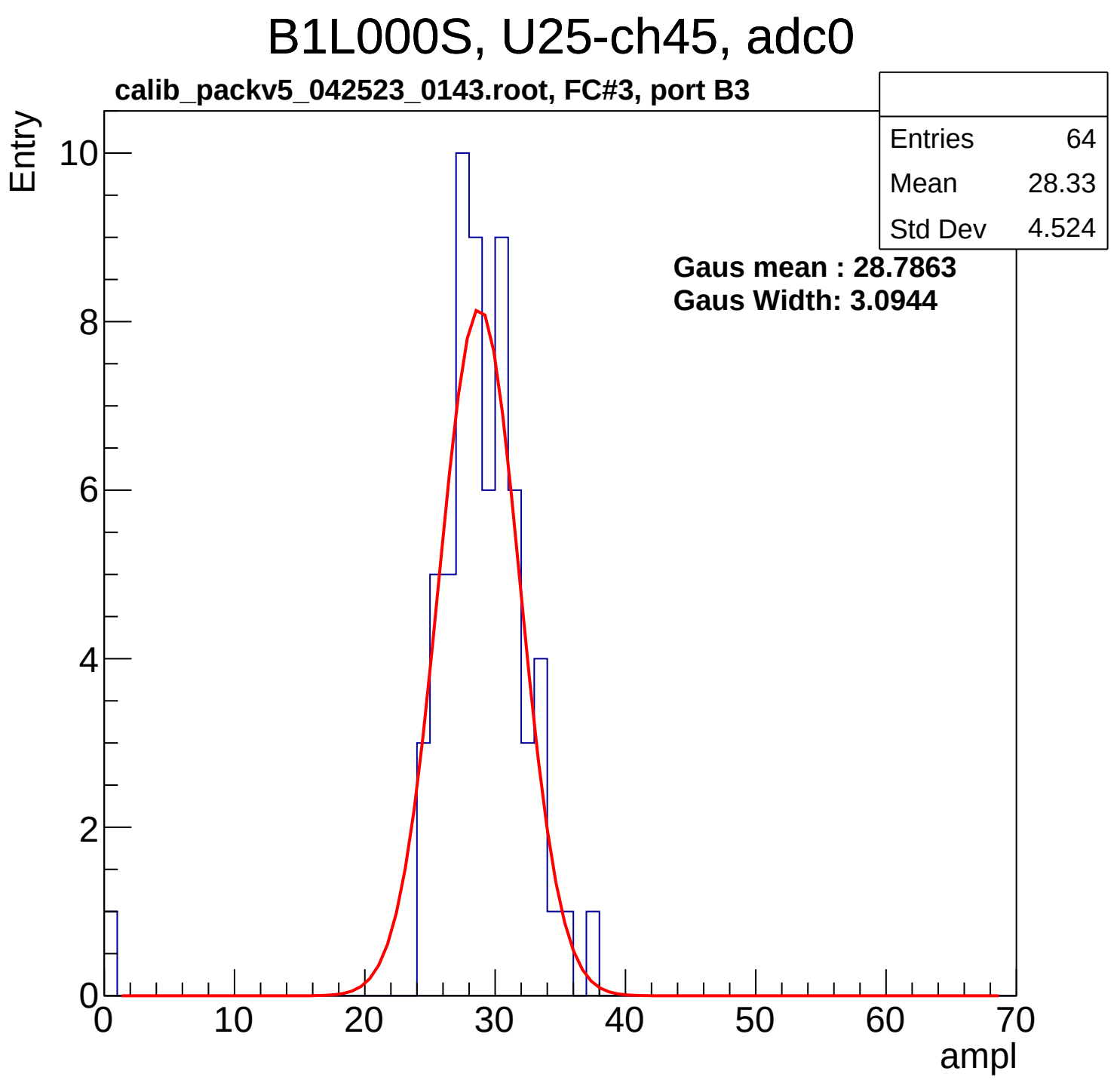
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch45, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 28.33
Std Dev 4.524
Gaus mean : 28.7863
Gaus Width: 3.0944
Entry
ampl
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6
8
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0
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20
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40
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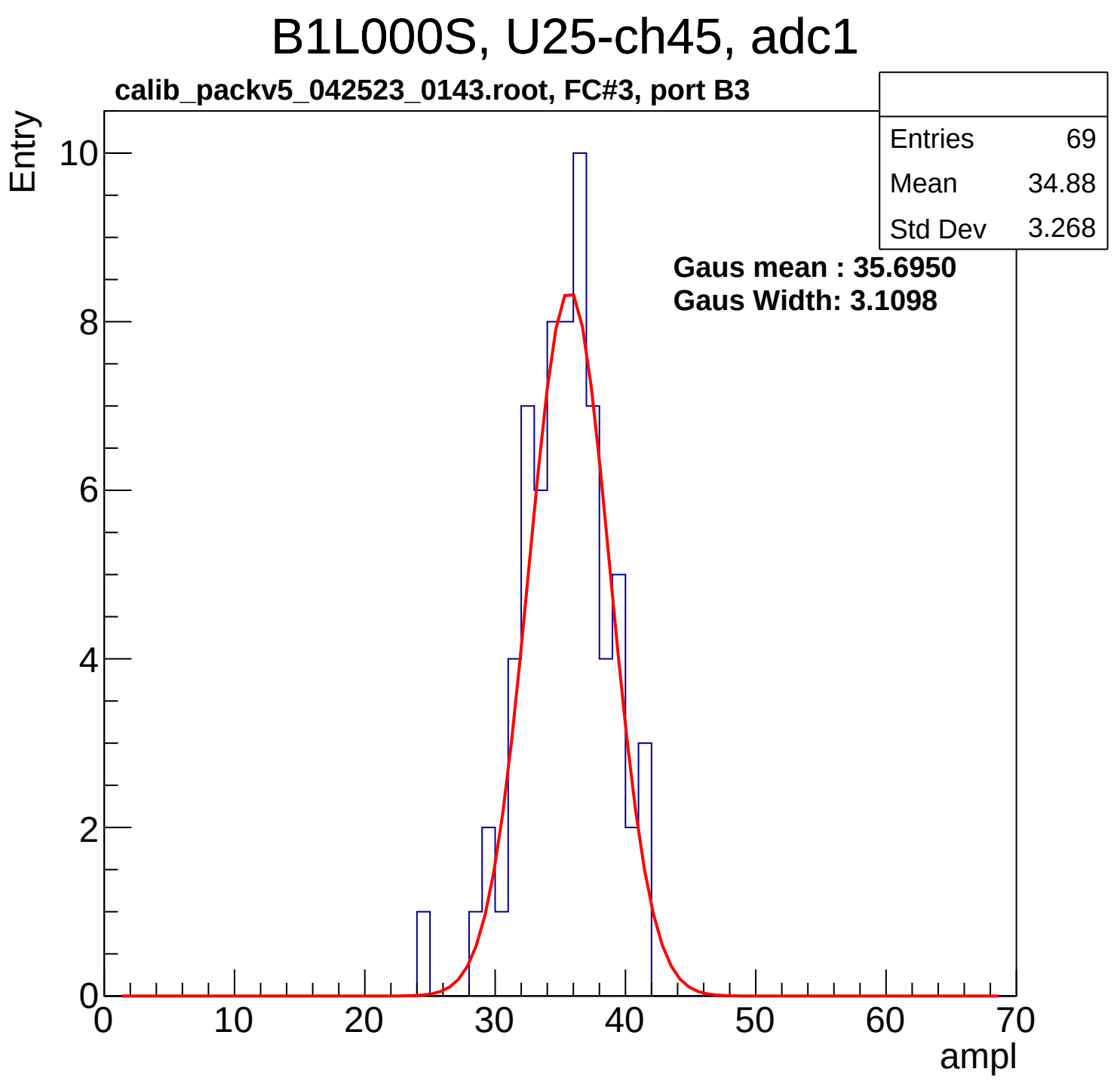
60
70


B1L000S, U25-ch45, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 34.88
Std Dev 3.268
Gaus mean : 35.6950
Gaus Width: 3.1098
Entry
ampl
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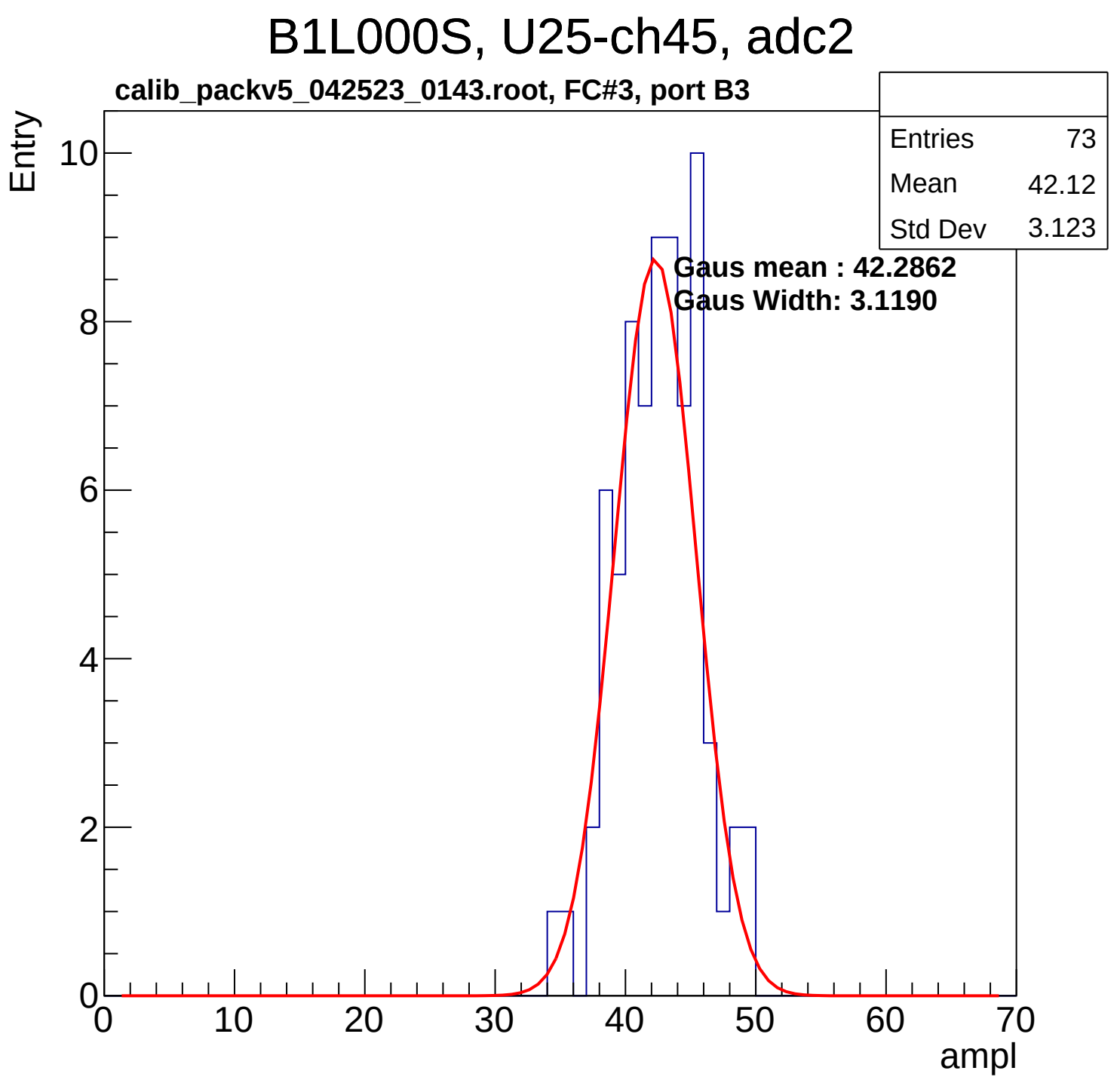
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch45, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 42.12
Std Dev 3.123
Gaus mean : 42.2862
Gaus Width: 3.1190
Entry
ampl
0
2
4
6
8
10
0
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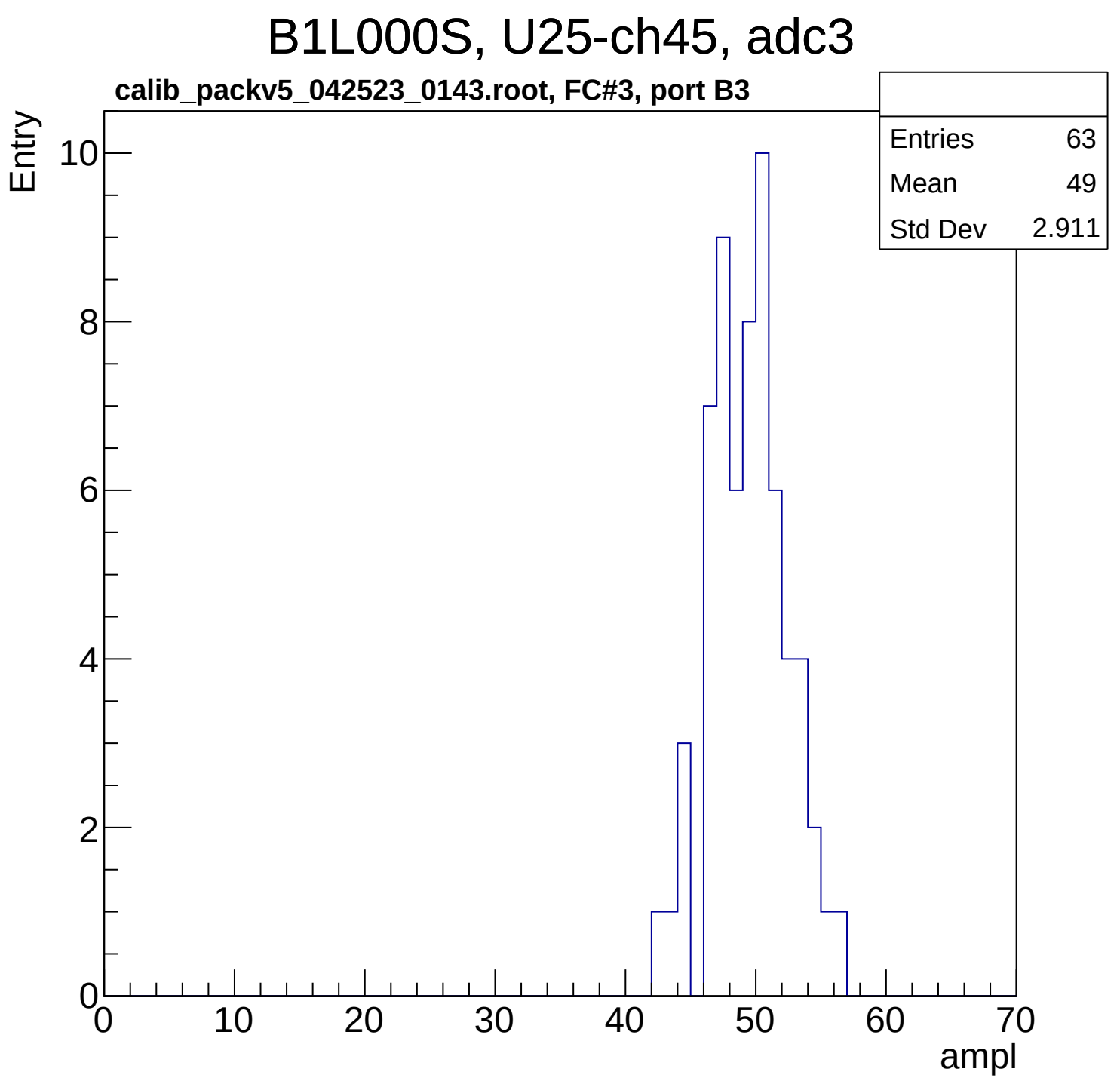
40
50
60
70


B1L000S, U25-ch45, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 49
Std Dev 2.911
Entry
ampl
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6
8
10
0
10
20
30
40
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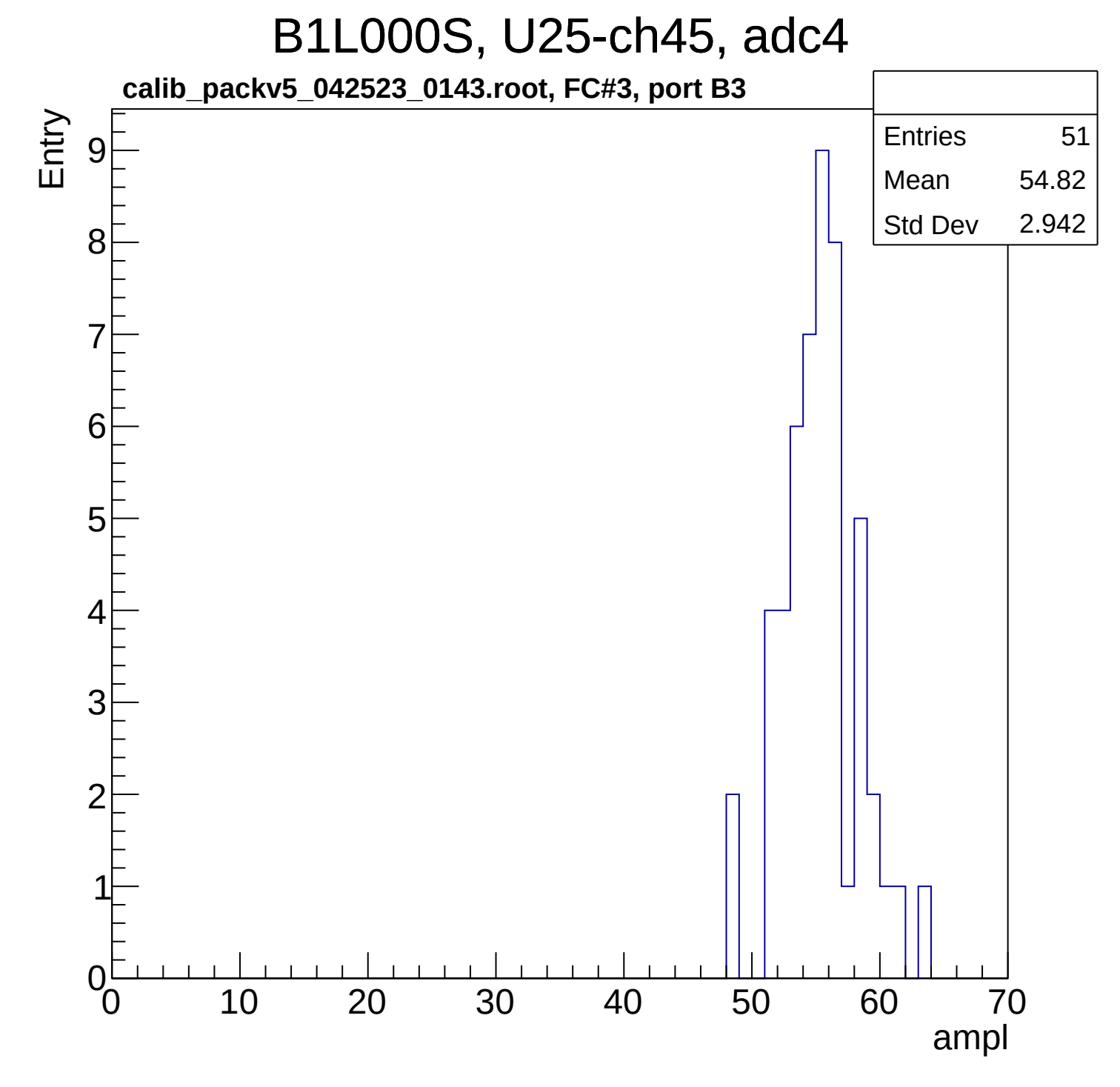
60
70


B1L000S, U25-ch45, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 54.82
Std Dev 2.942
Entry
ampl
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3
4
5
6
7
8
9
0
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20
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60
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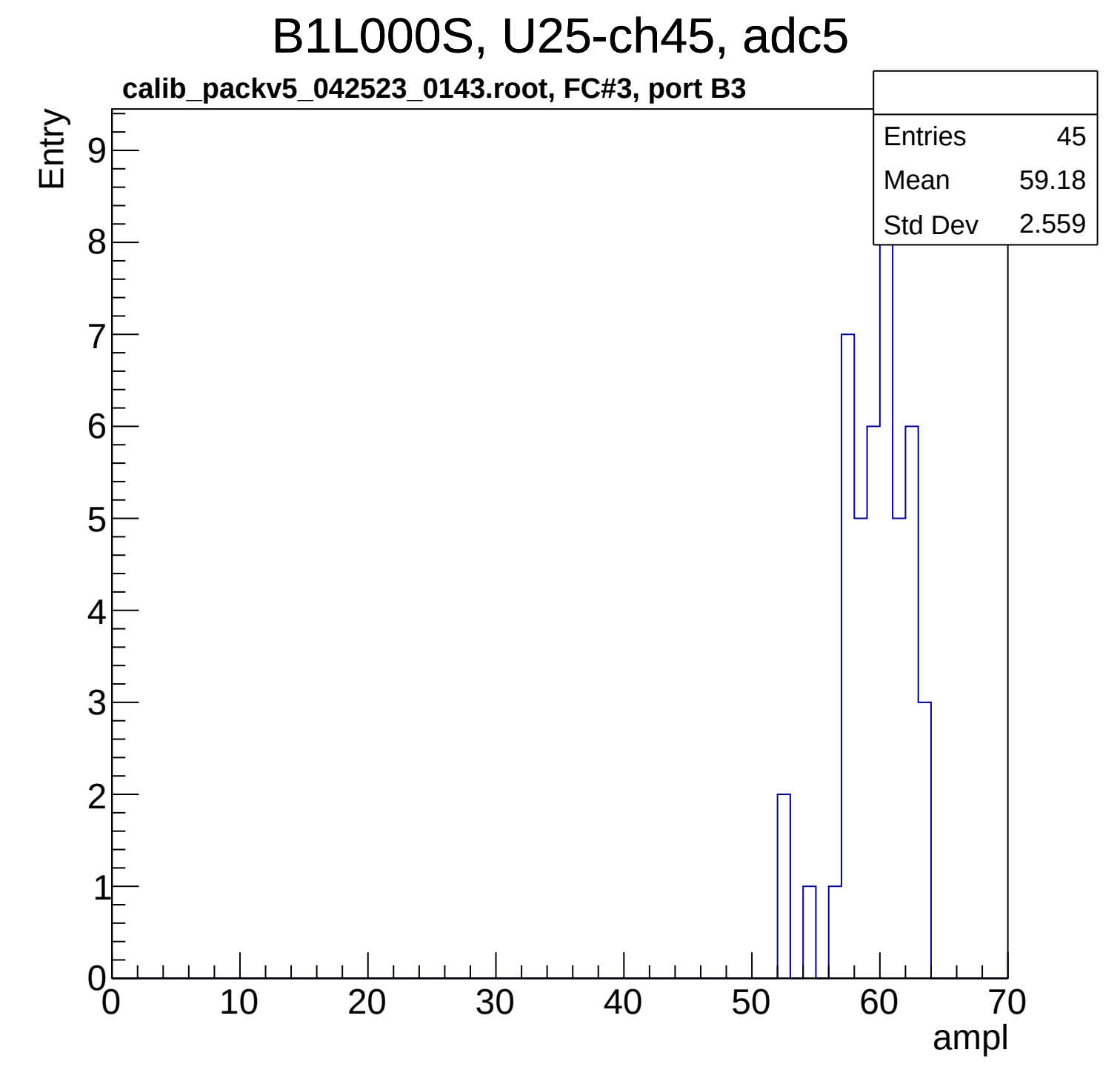
B1L000S, U25-ch45, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 59.18
Std Dev 2.559
Entry
ampl
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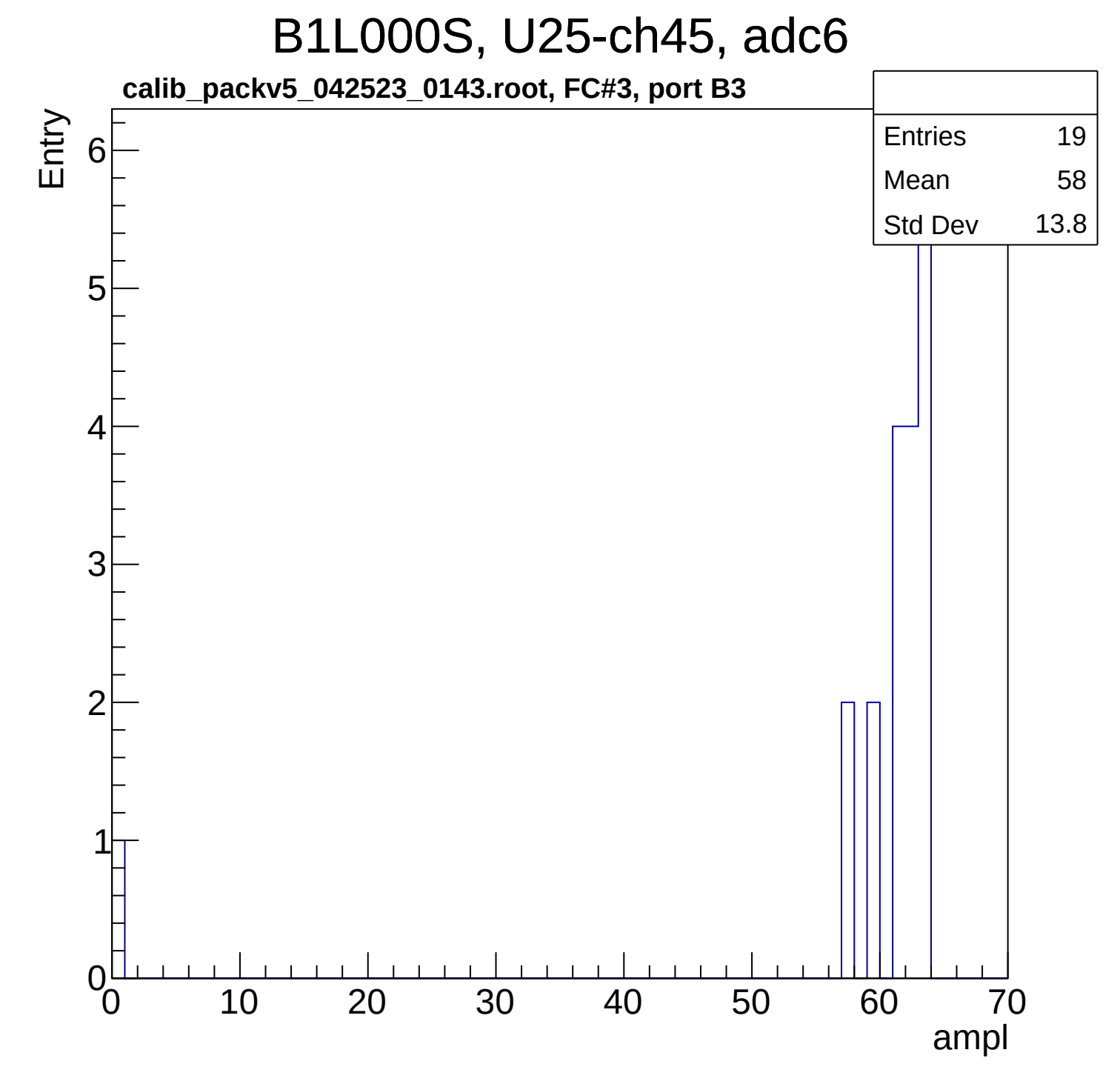
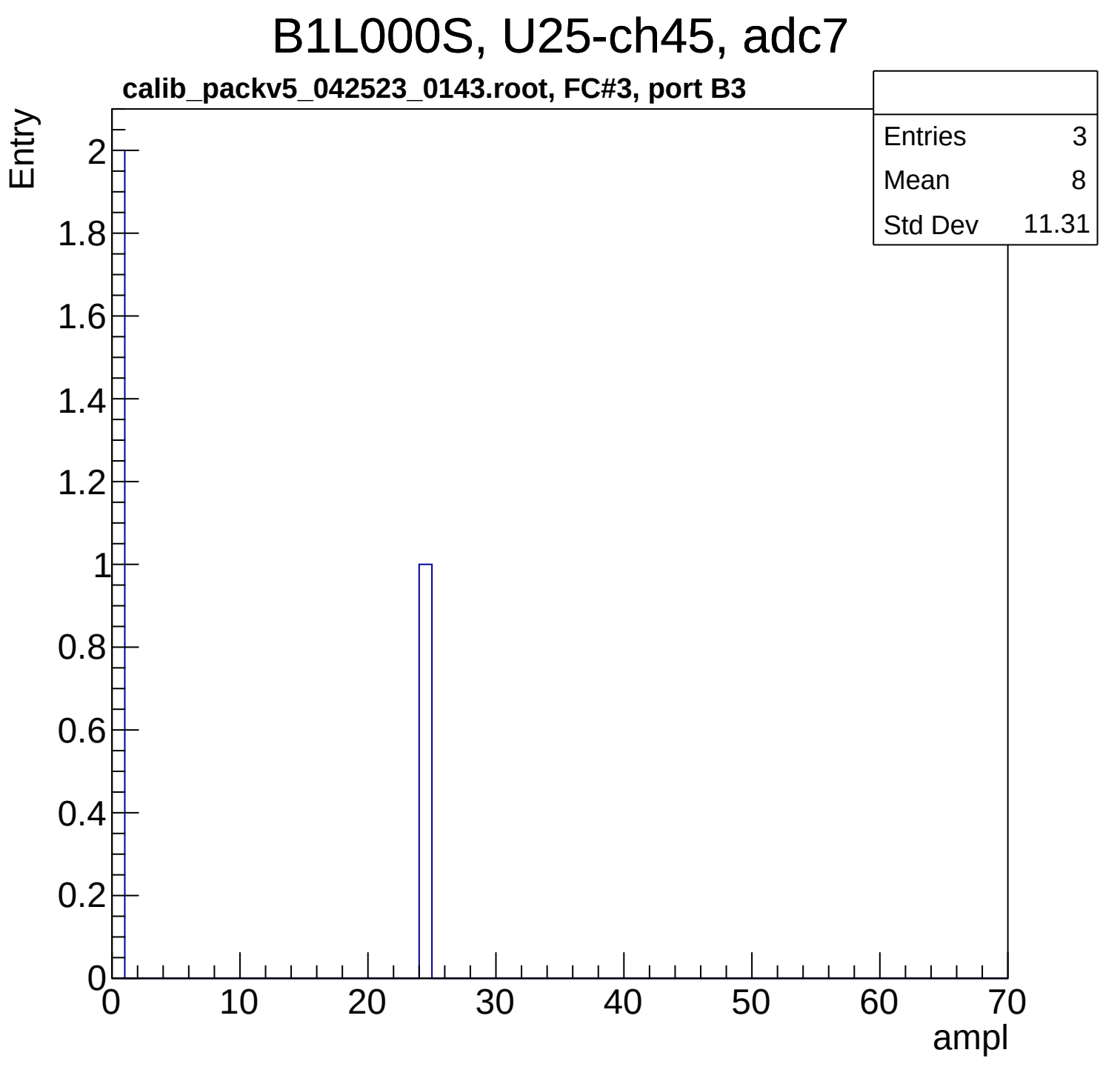
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch45, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 19
Mean 58
Std Dev 13.8
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch45, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 8
Std Dev 11.31
Entry
ampl
0
0.2
0.4
0.6
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1.2
1.4
1.6
1.8
2
0
10
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40
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60
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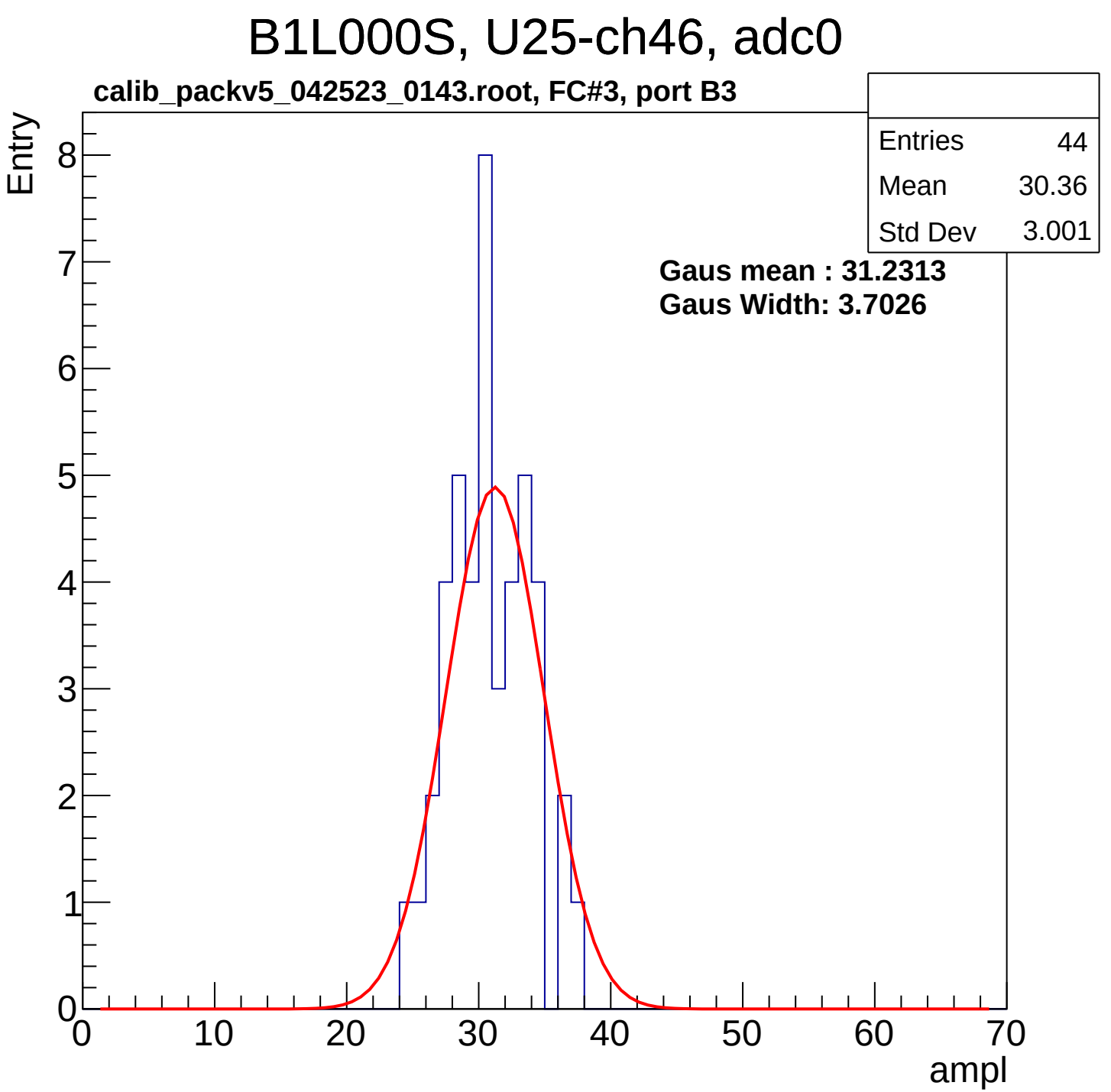
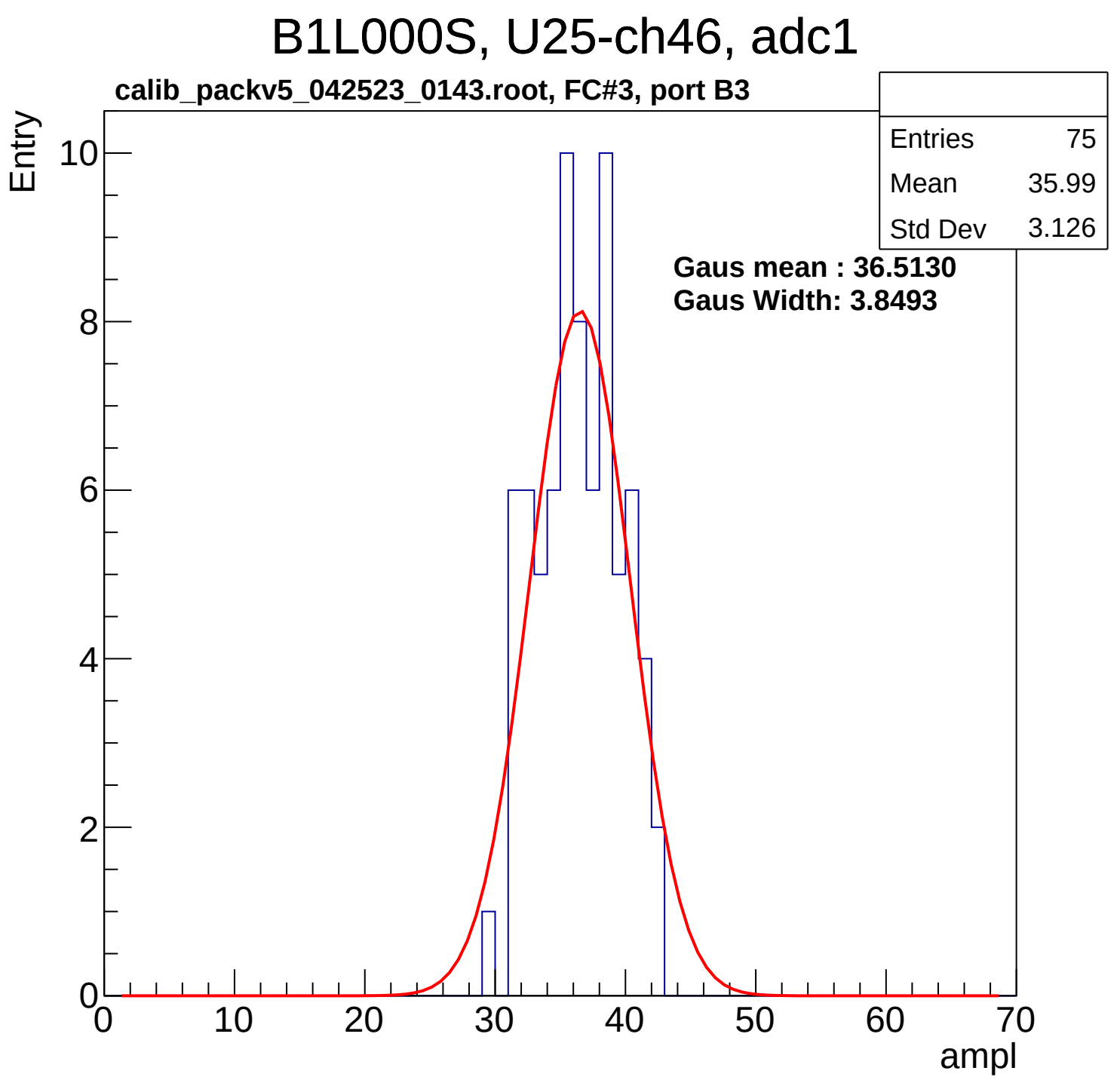
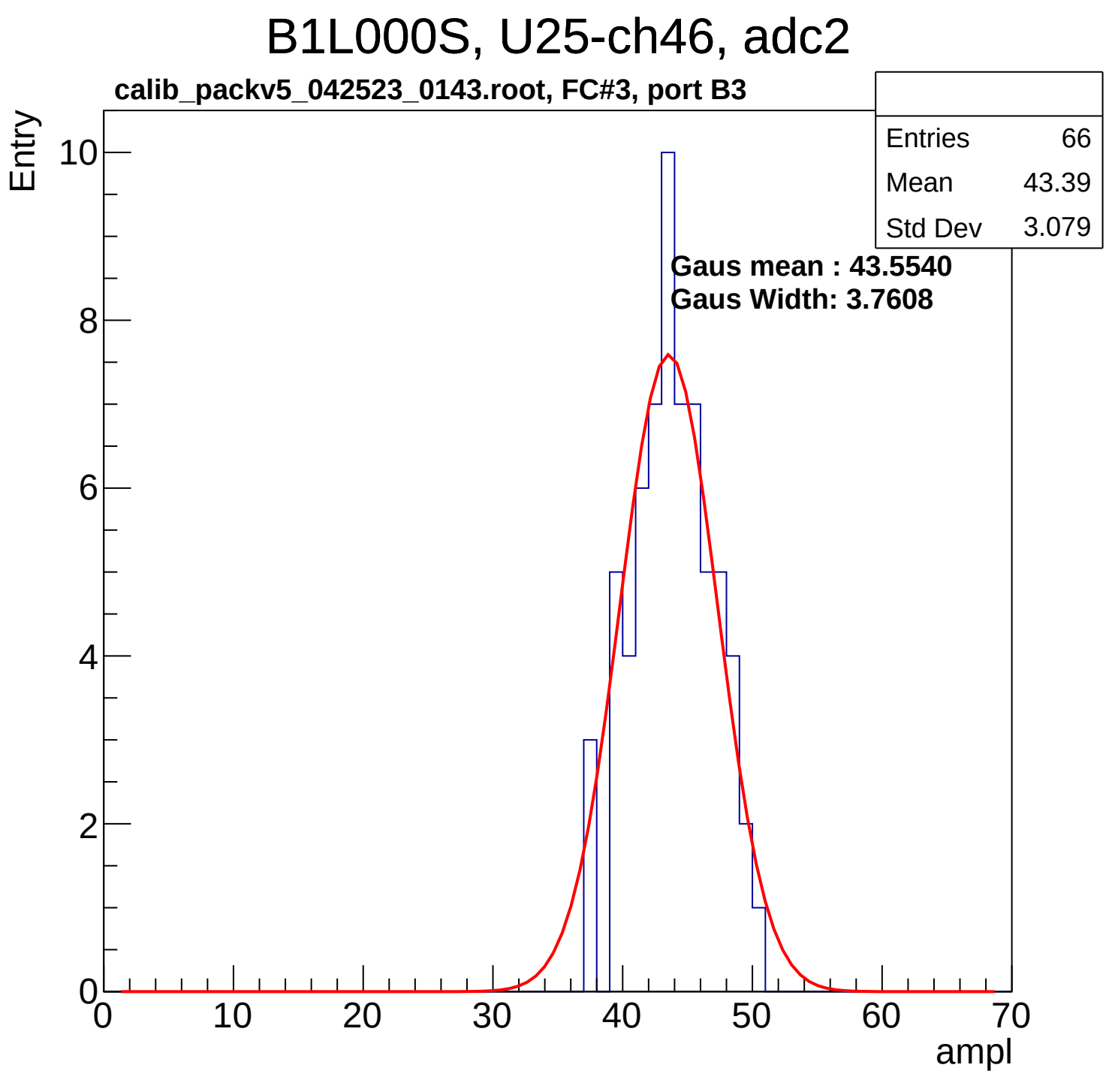

B1L000S, U25-ch46, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 30.36
Std Dev 3.001
Gaus mean : 31.2313
Gaus Width: 3.7026
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch46, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 35.99
Std Dev 3.126
Gaus mean : 36.5130
Gaus Width: 3.8493
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch46, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 43.39
Std Dev 3.079
Gaus mean : 43.5540
Gaus Width: 3.7608
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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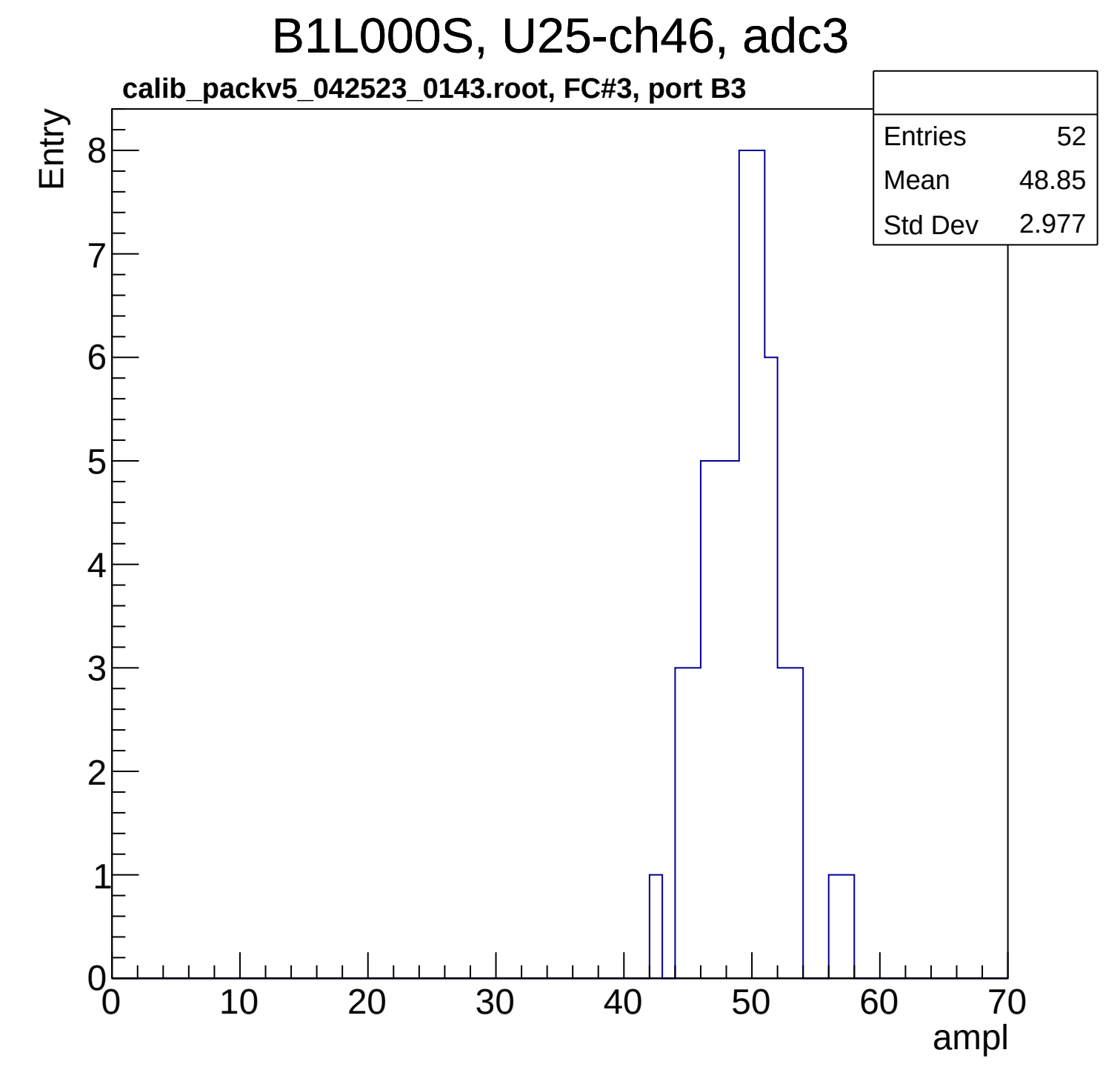
B1L000S, U25-ch46, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 48.85
Std Dev 2.977
Entry
ampl
0
1
2
3
4
5
6
7
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0
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40
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60
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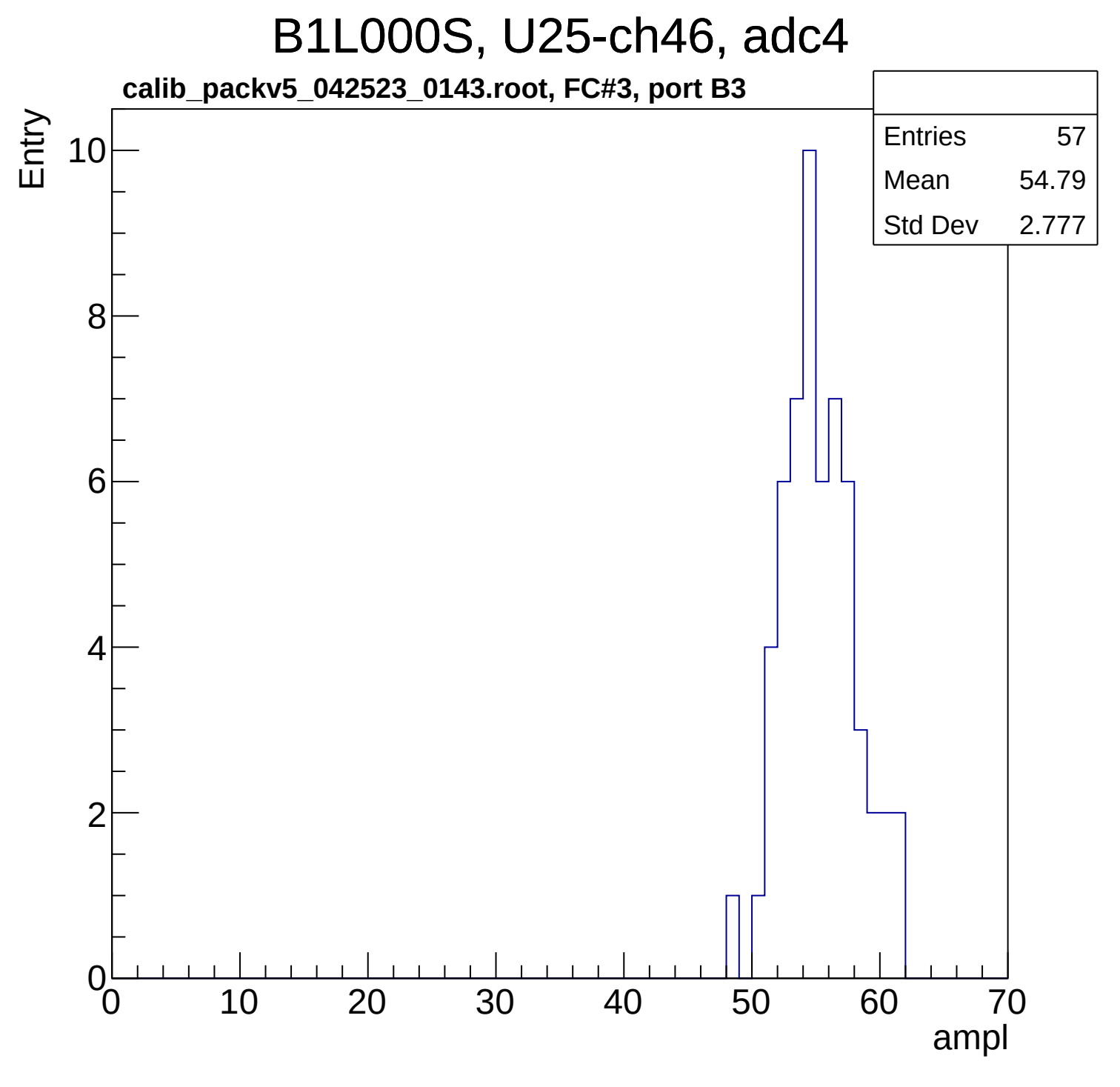
B1L000S, U25-ch46, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 54.79
Std Dev 2.777
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
50
60
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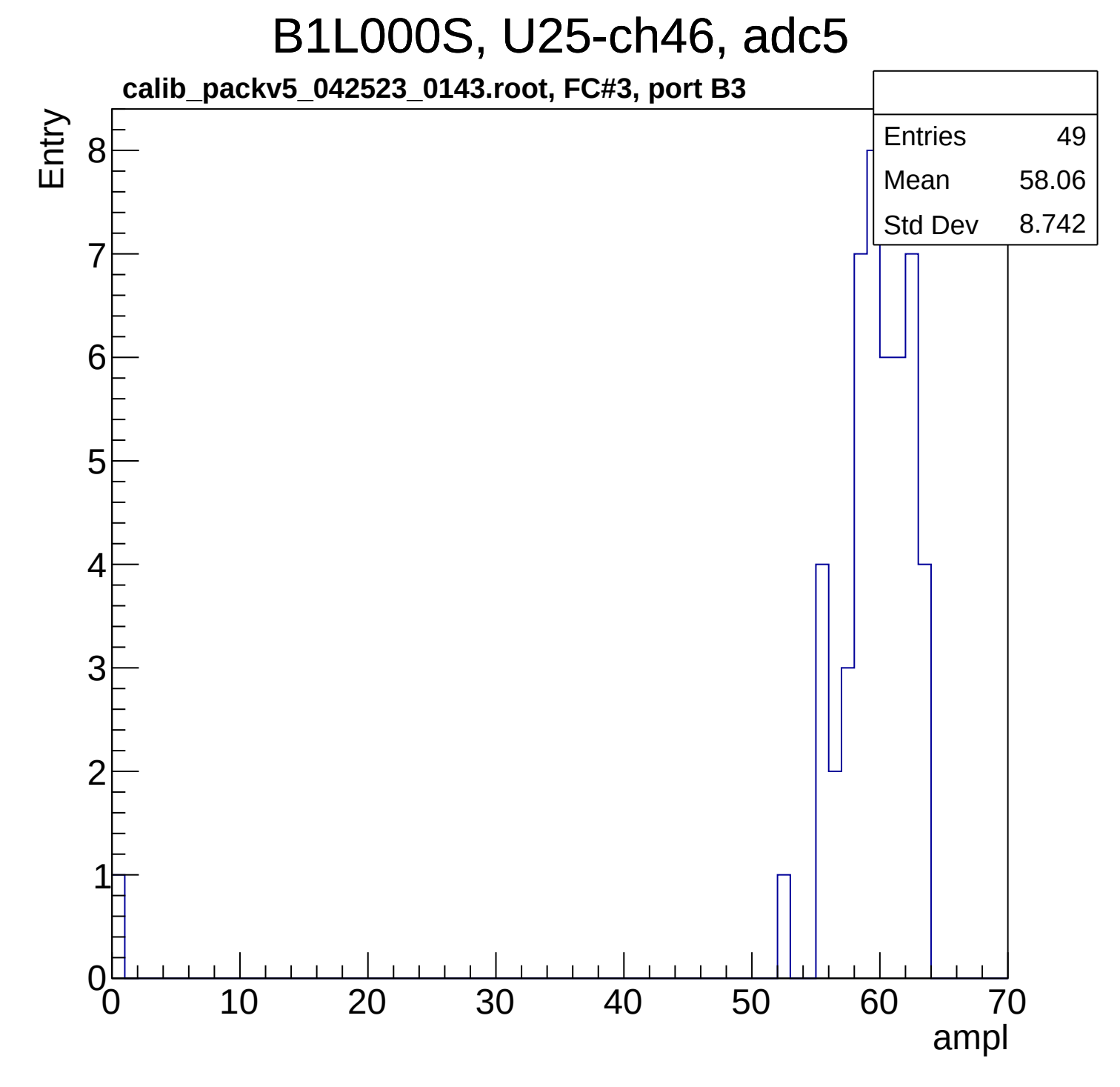
B1L000S, U25-ch46, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 58.06
Std Dev 8.742
Entry
ampl
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1
2
3
4
5
6
7
8
0
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60
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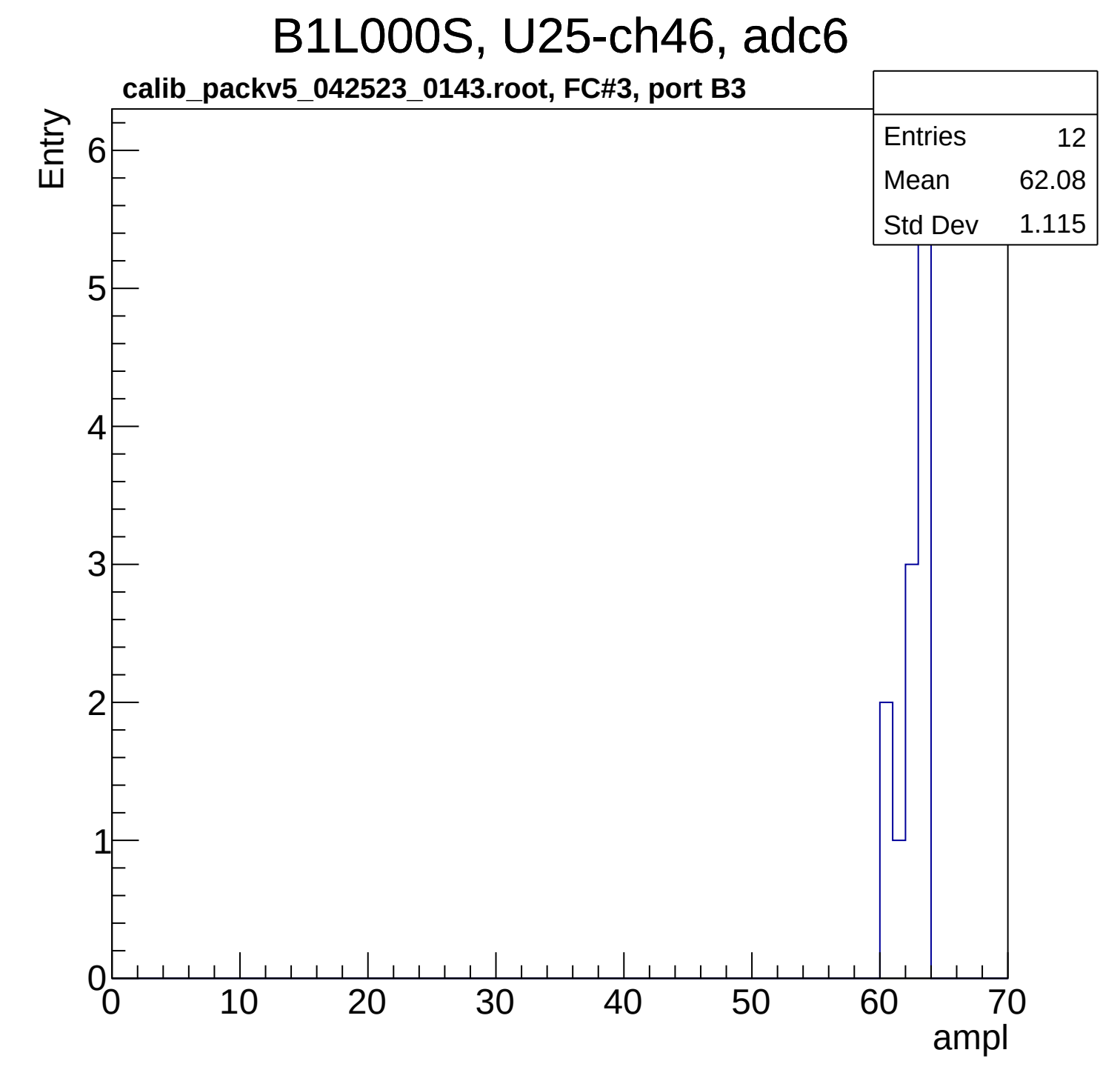
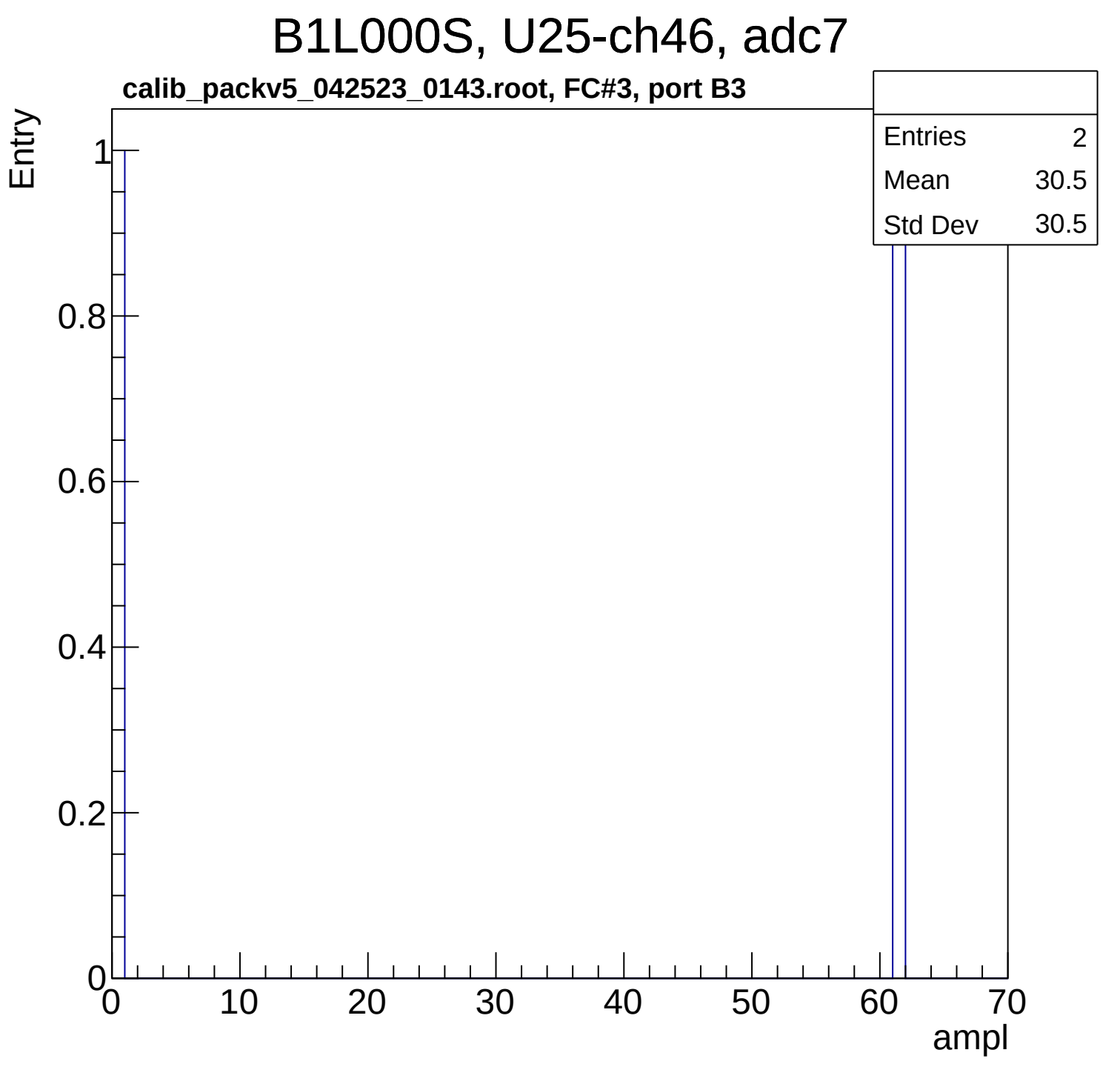
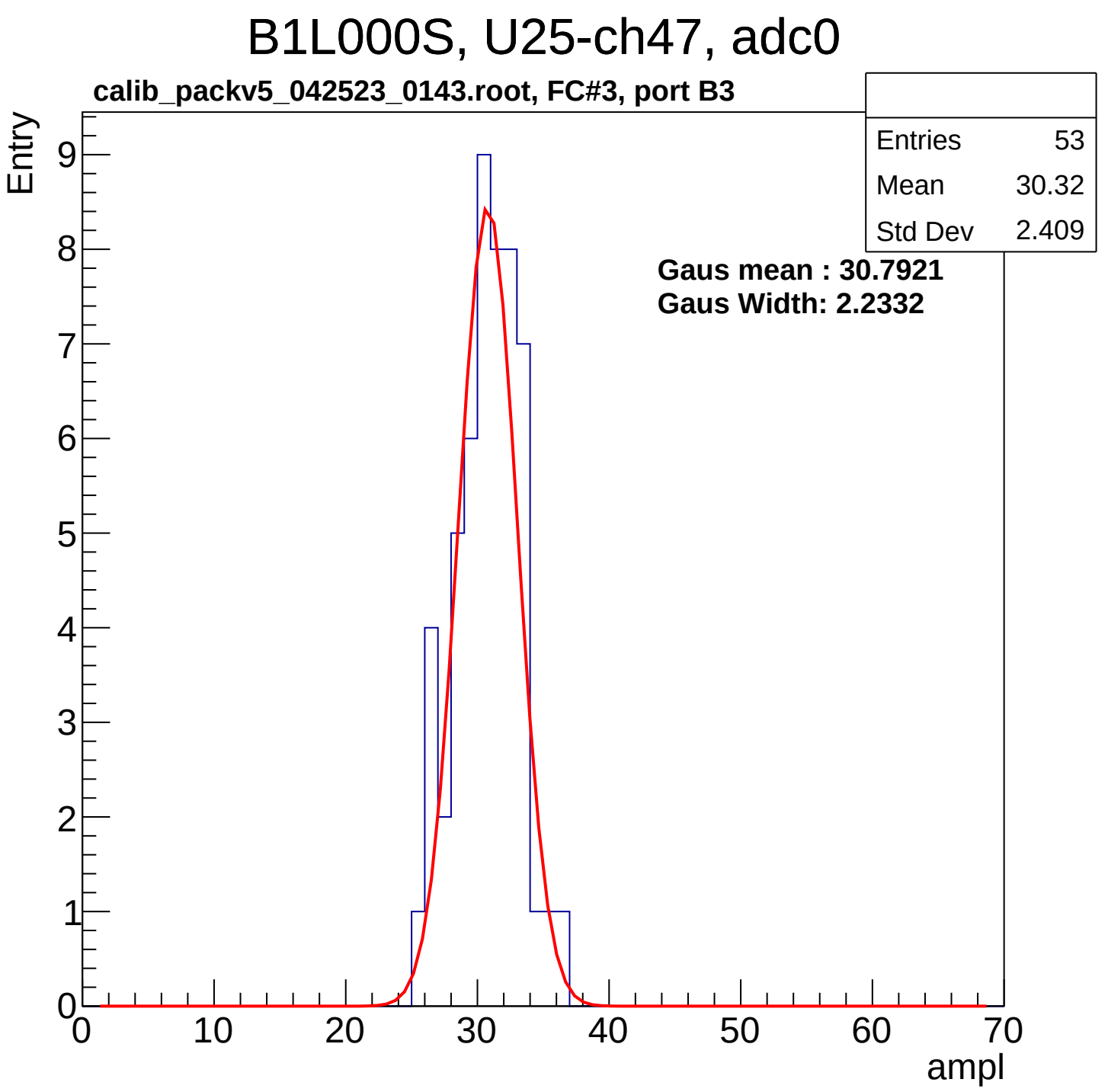
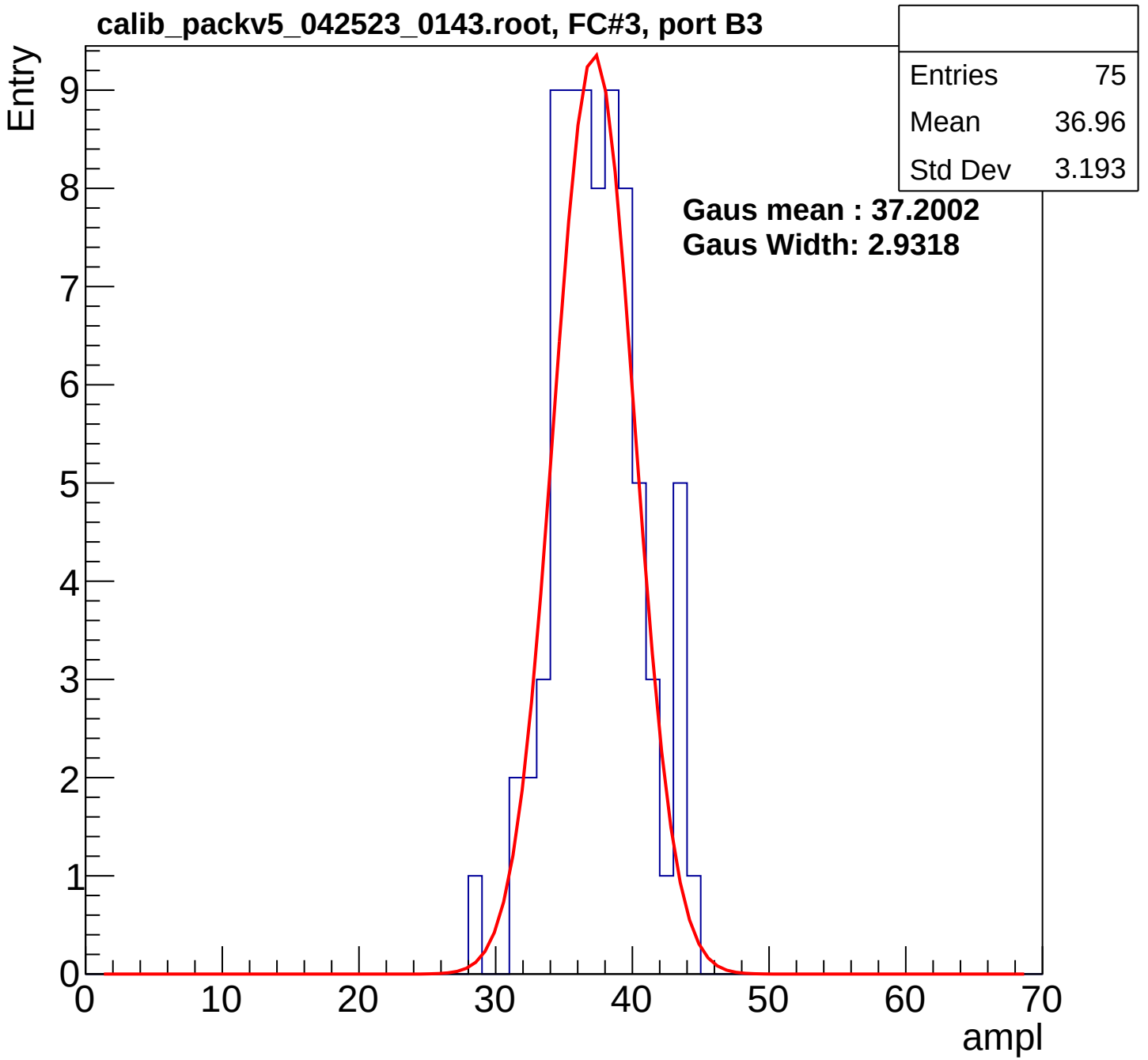

B1L000S, U25-ch46, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 62.08
Std Dev 1.115
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch46, 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, U25-ch47, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 30.32
Std Dev 2.409
Gaus mean : 30.7921
Gaus Width: 2.2332
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch47, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 36.96
Std Dev 3.193
Gaus mean : 37.2002
Gaus Width: 2.9318
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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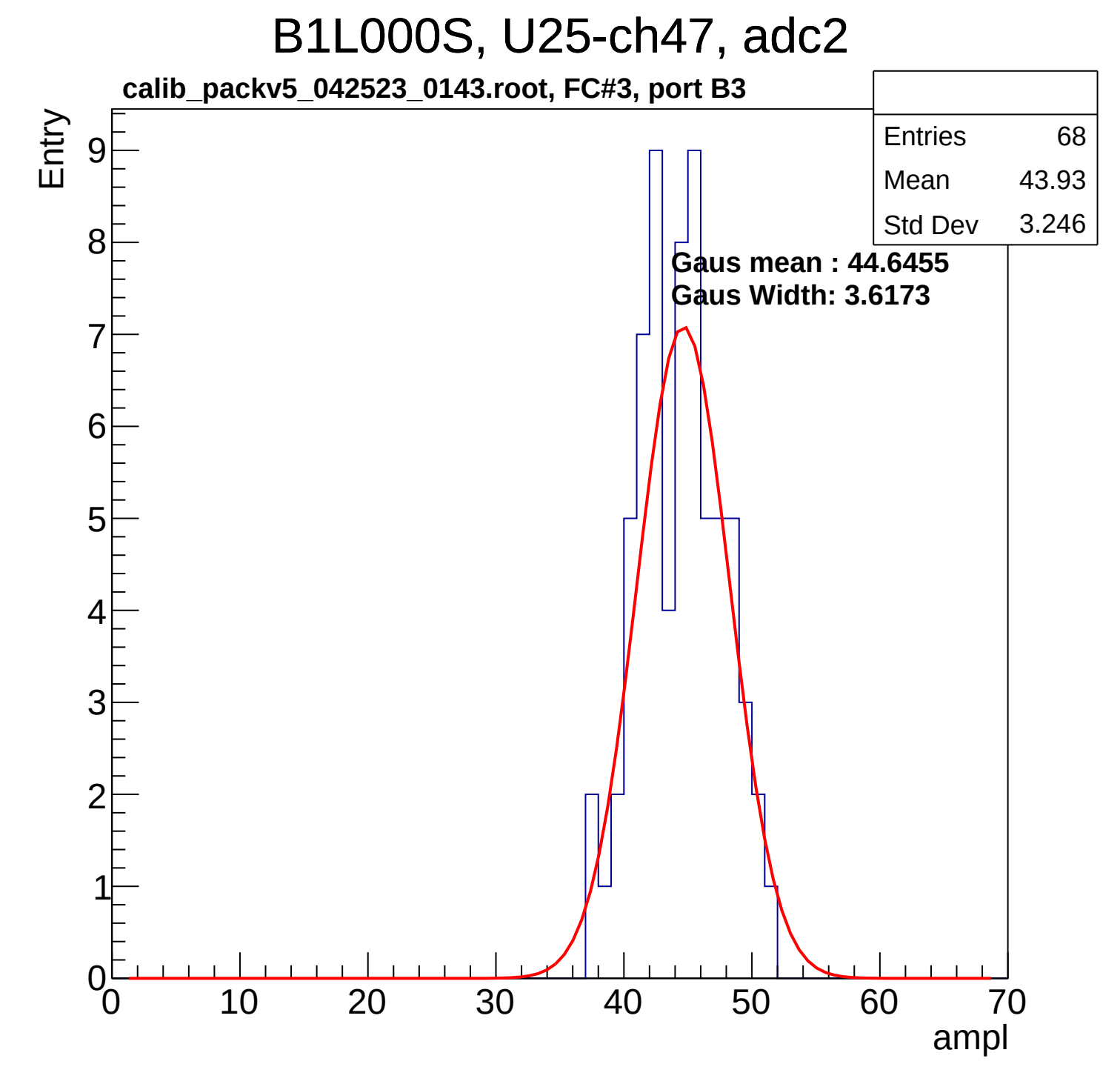
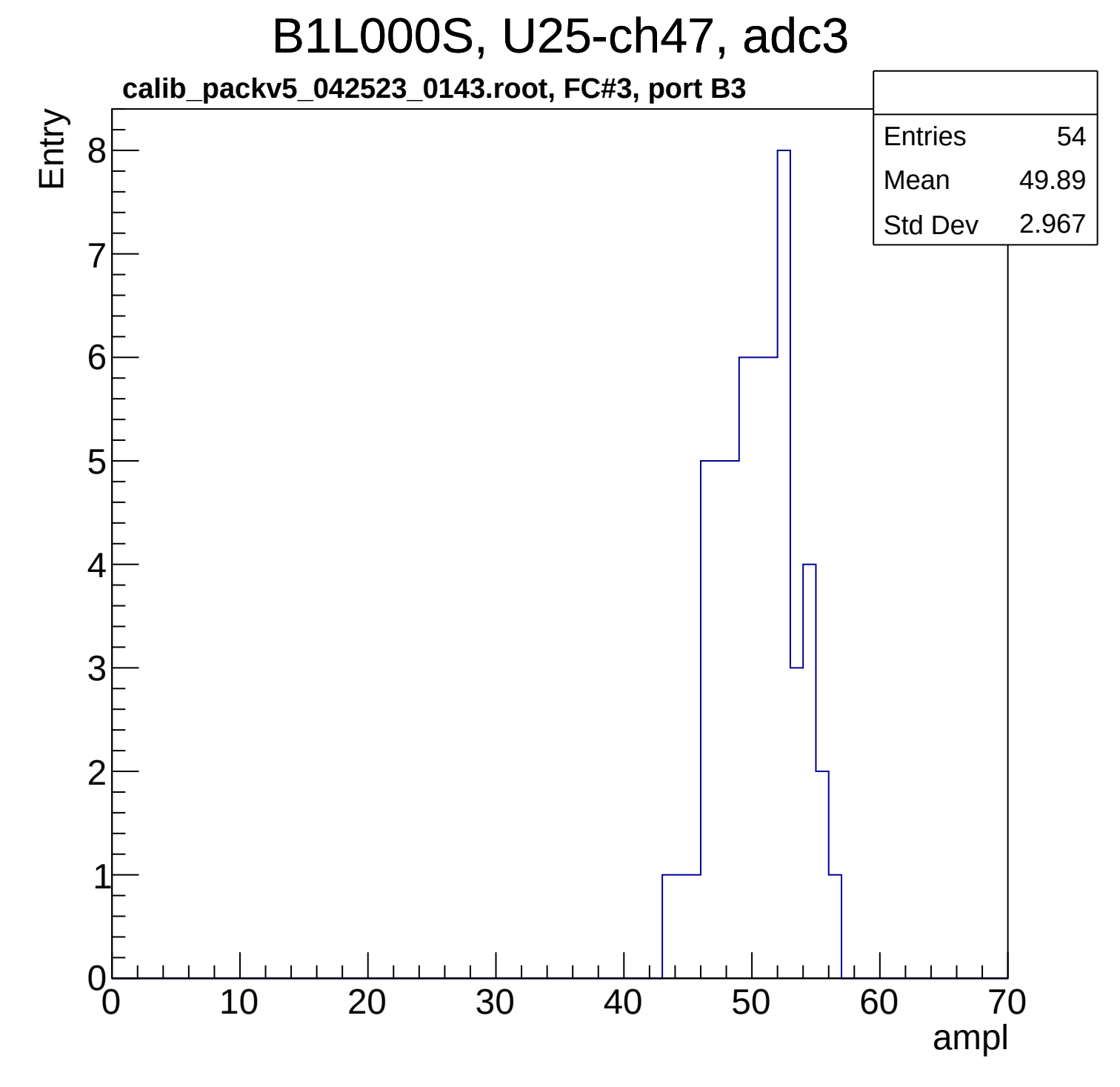
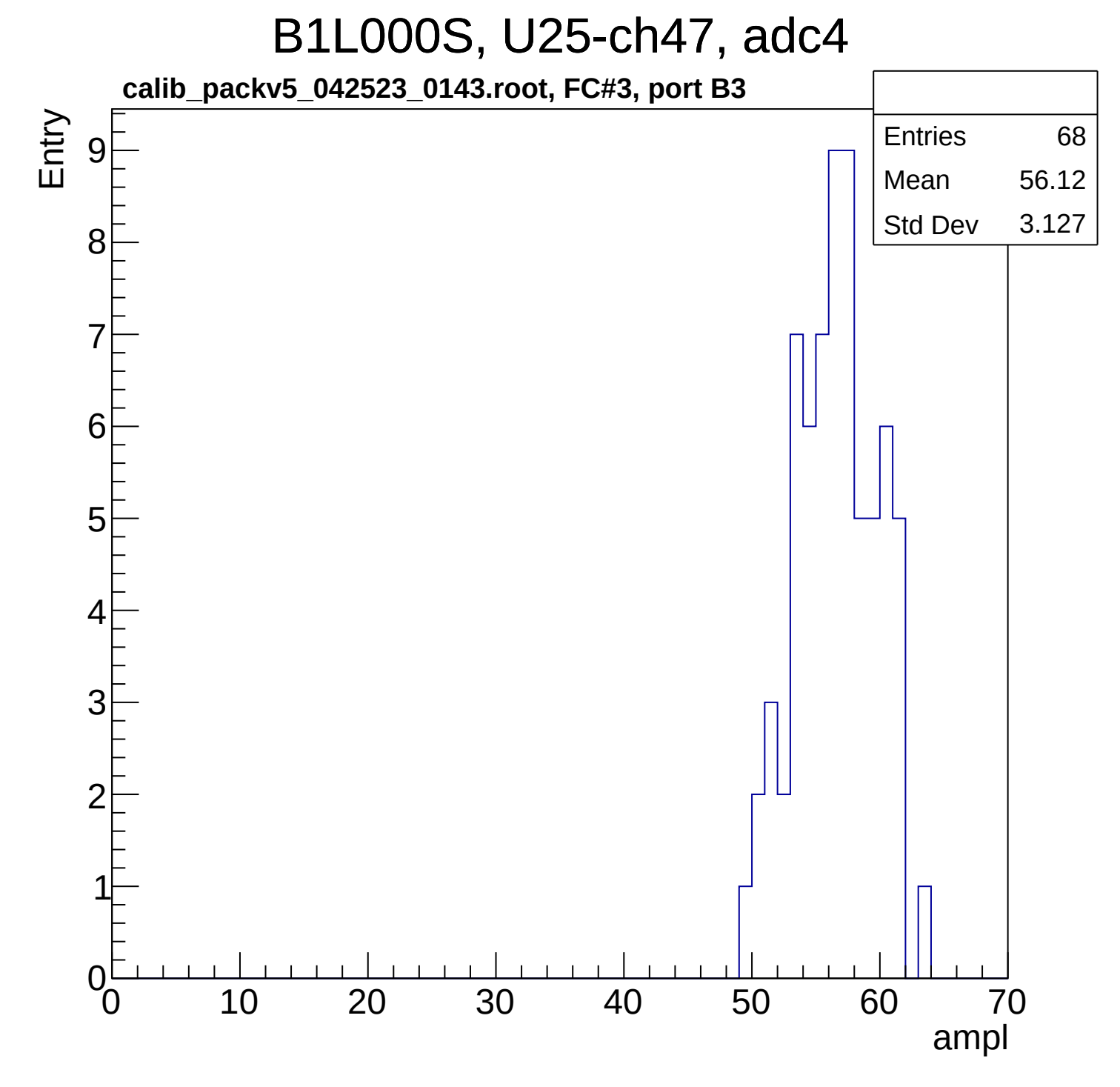
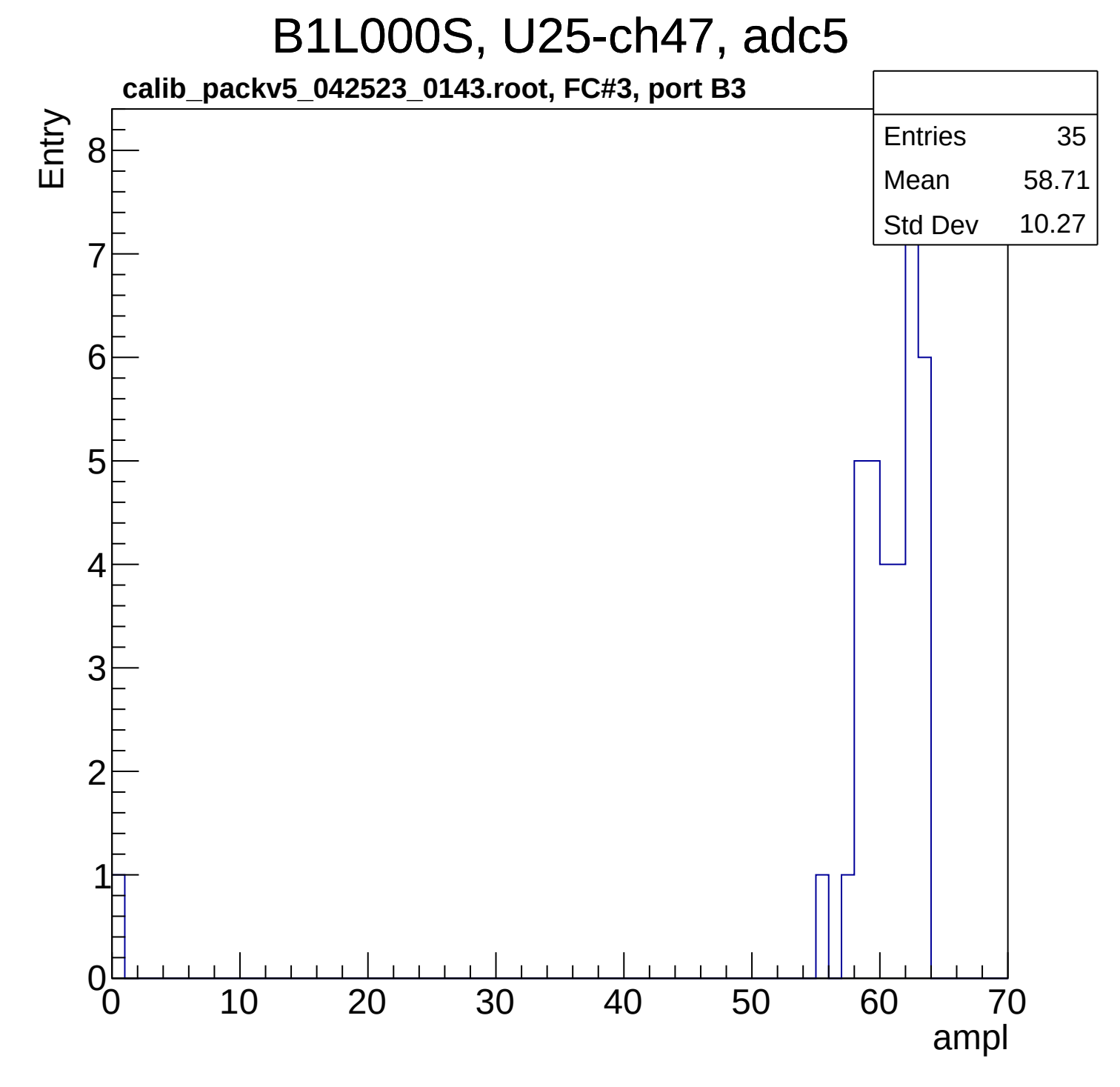

B1L000S, U25-ch47, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 43.93
Std Dev 3.246
Gaus mean : 44.6455
Gaus Width: 3.6173
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch47, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 49.89
Std Dev 2.967
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch47, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 56.12
Std Dev 3.127
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch47, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 35
Mean 58.71
Std Dev 10.27
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
30
40
50
60
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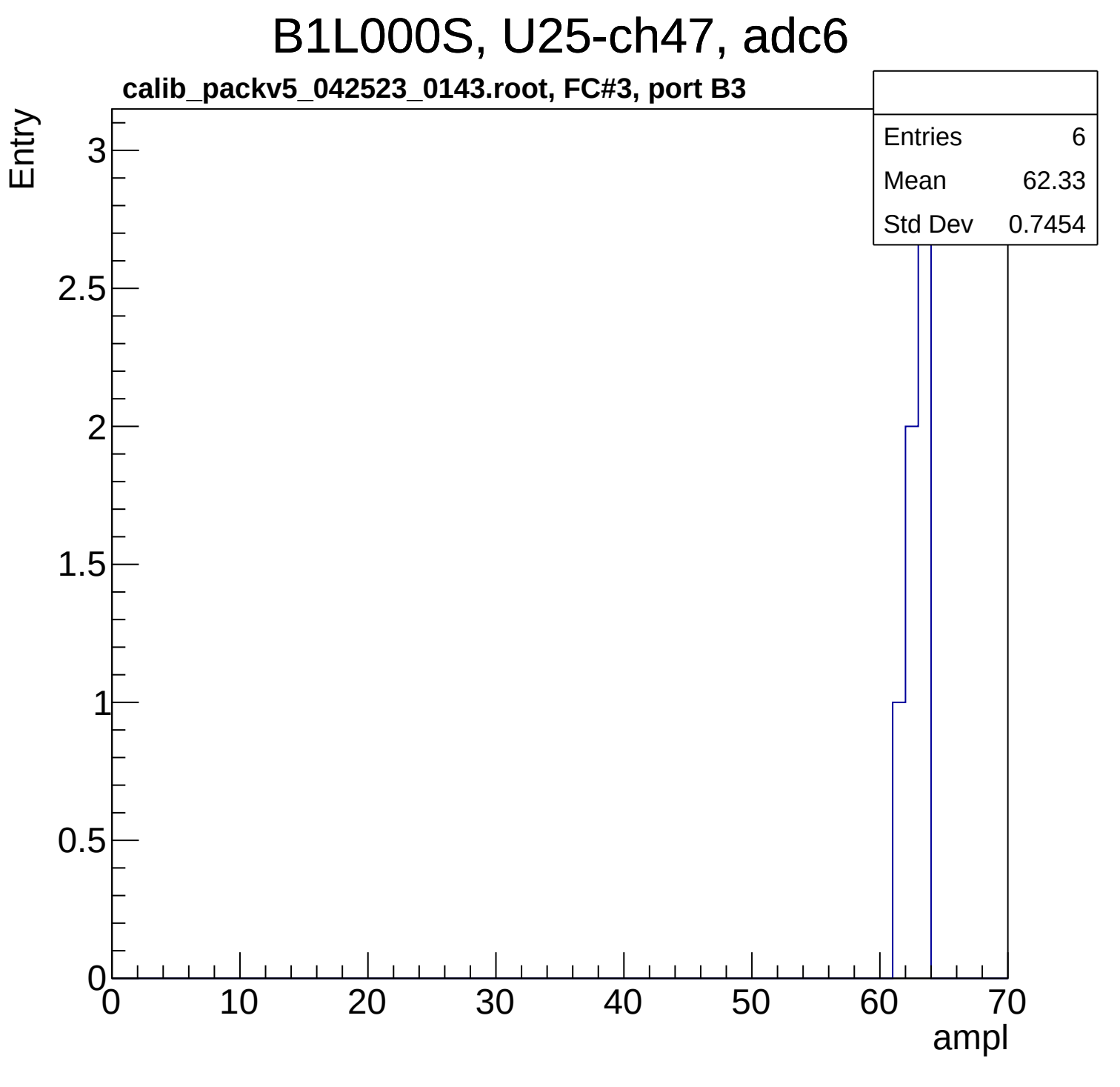
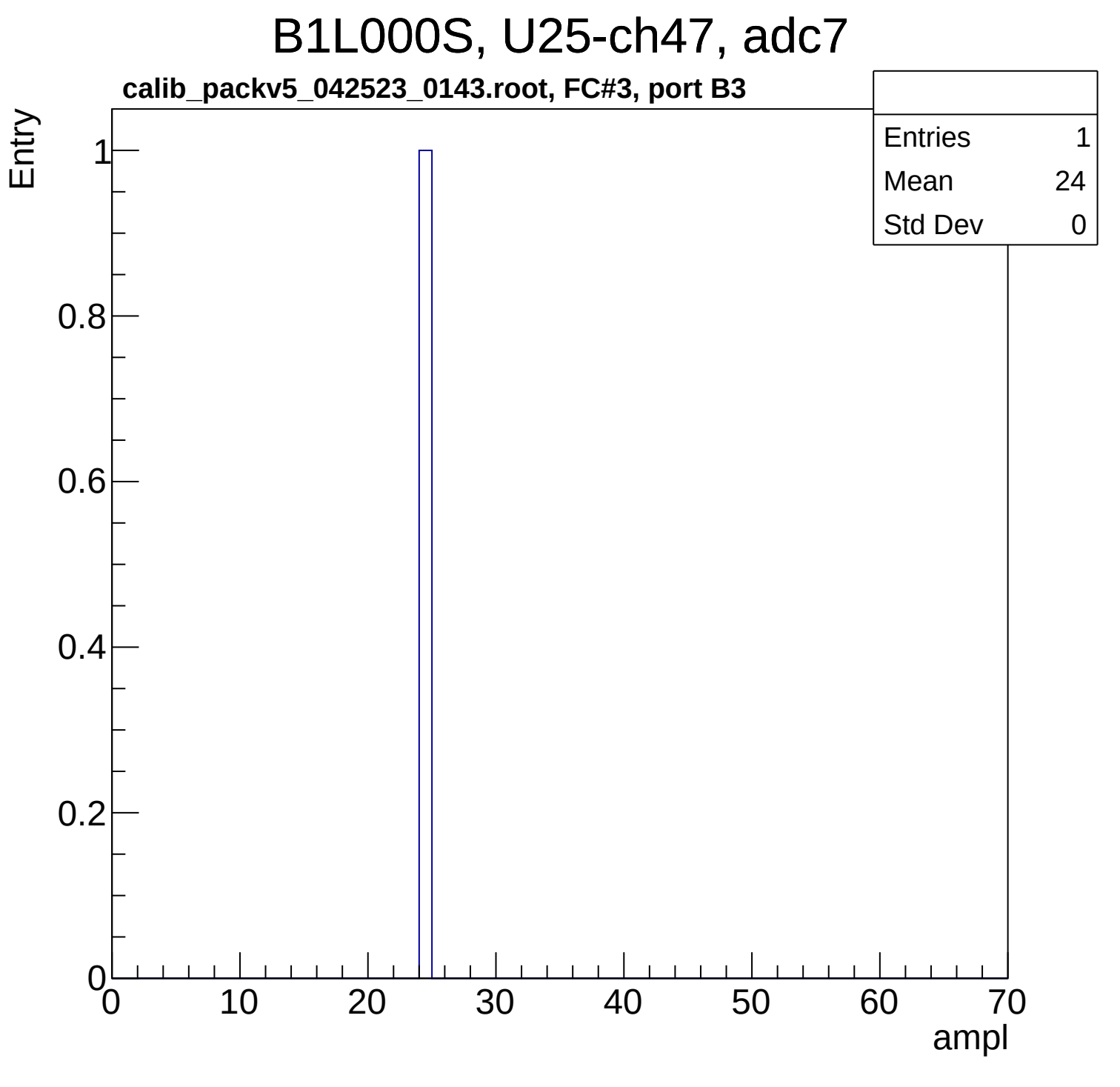
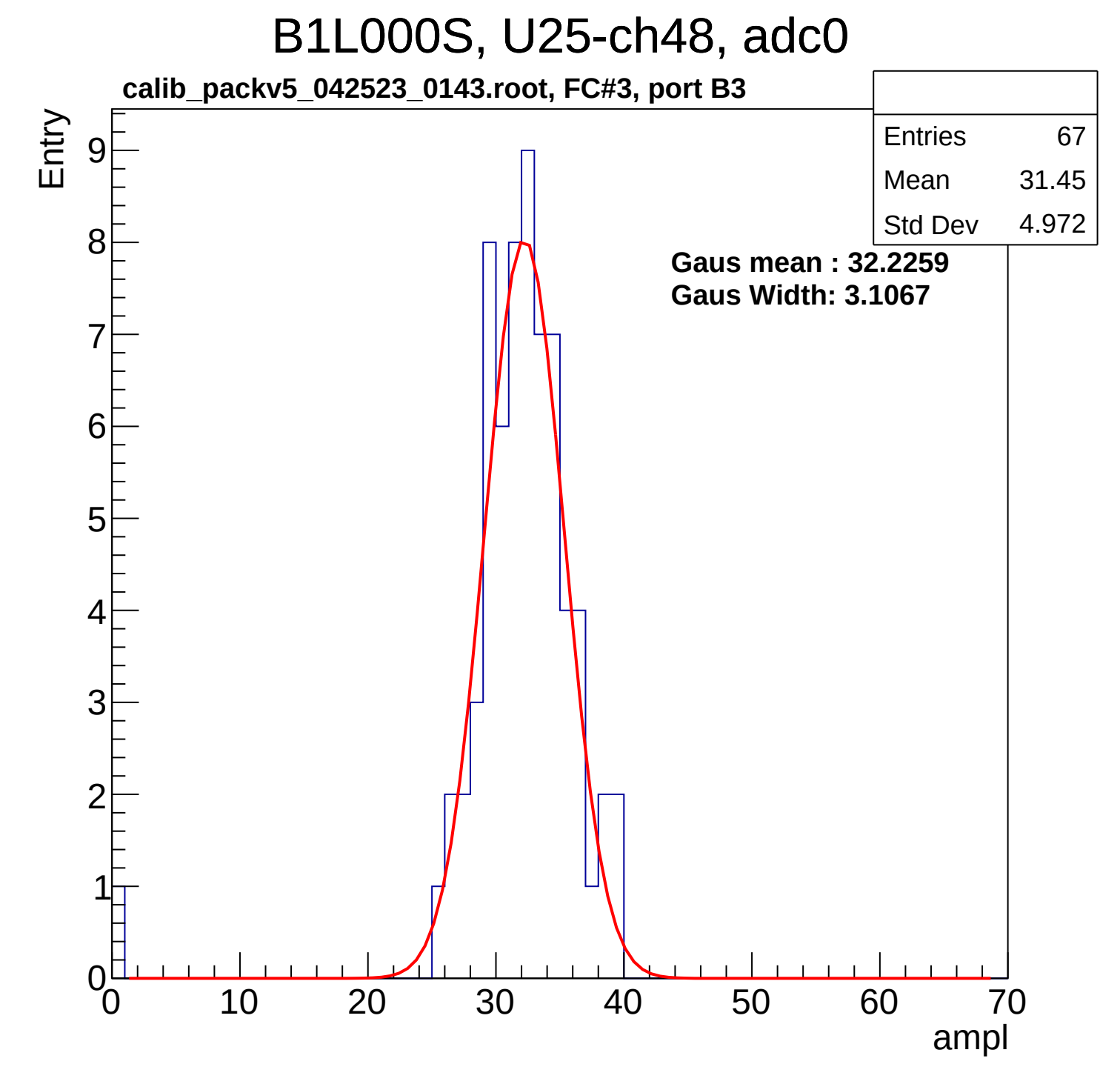
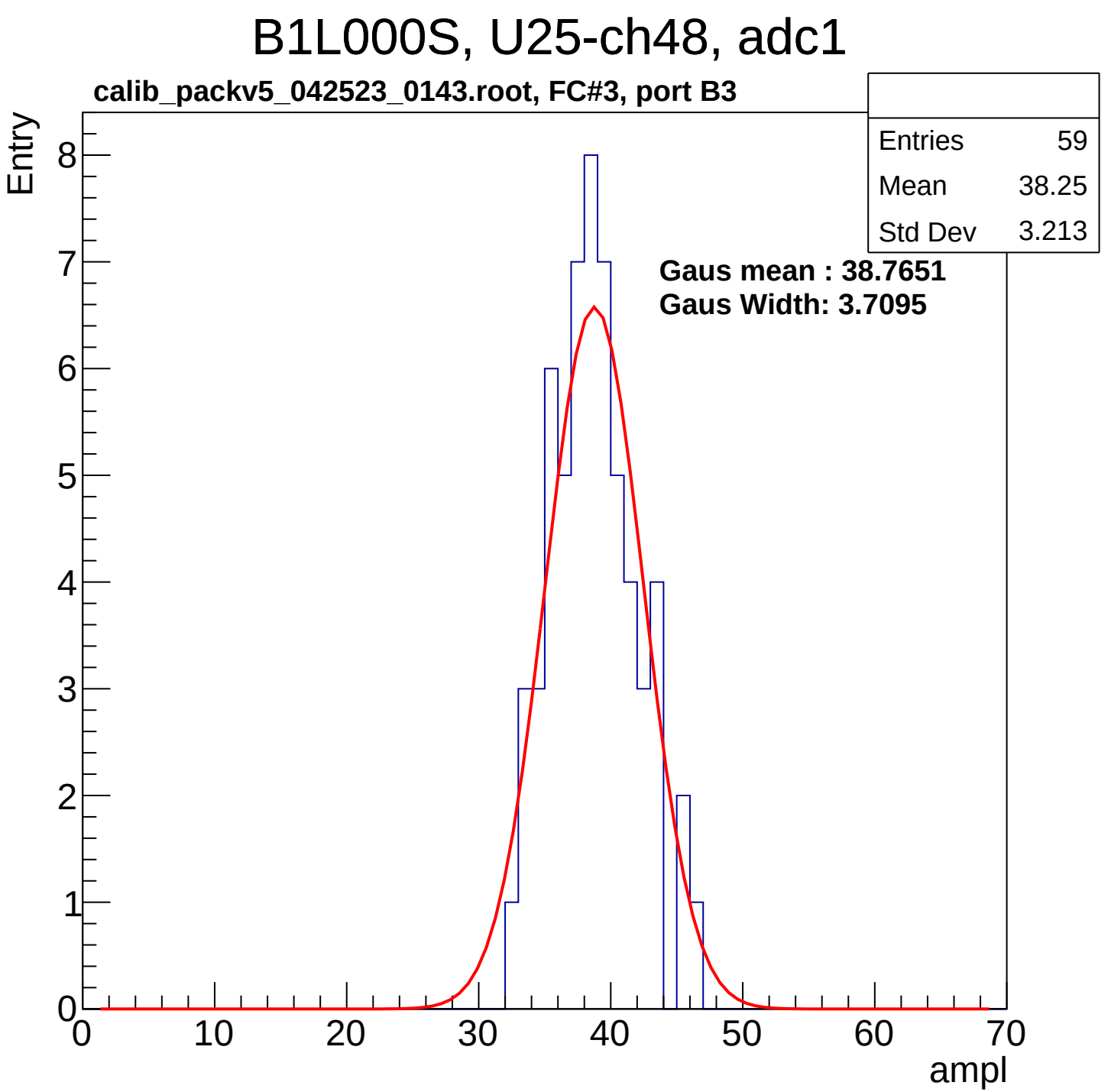
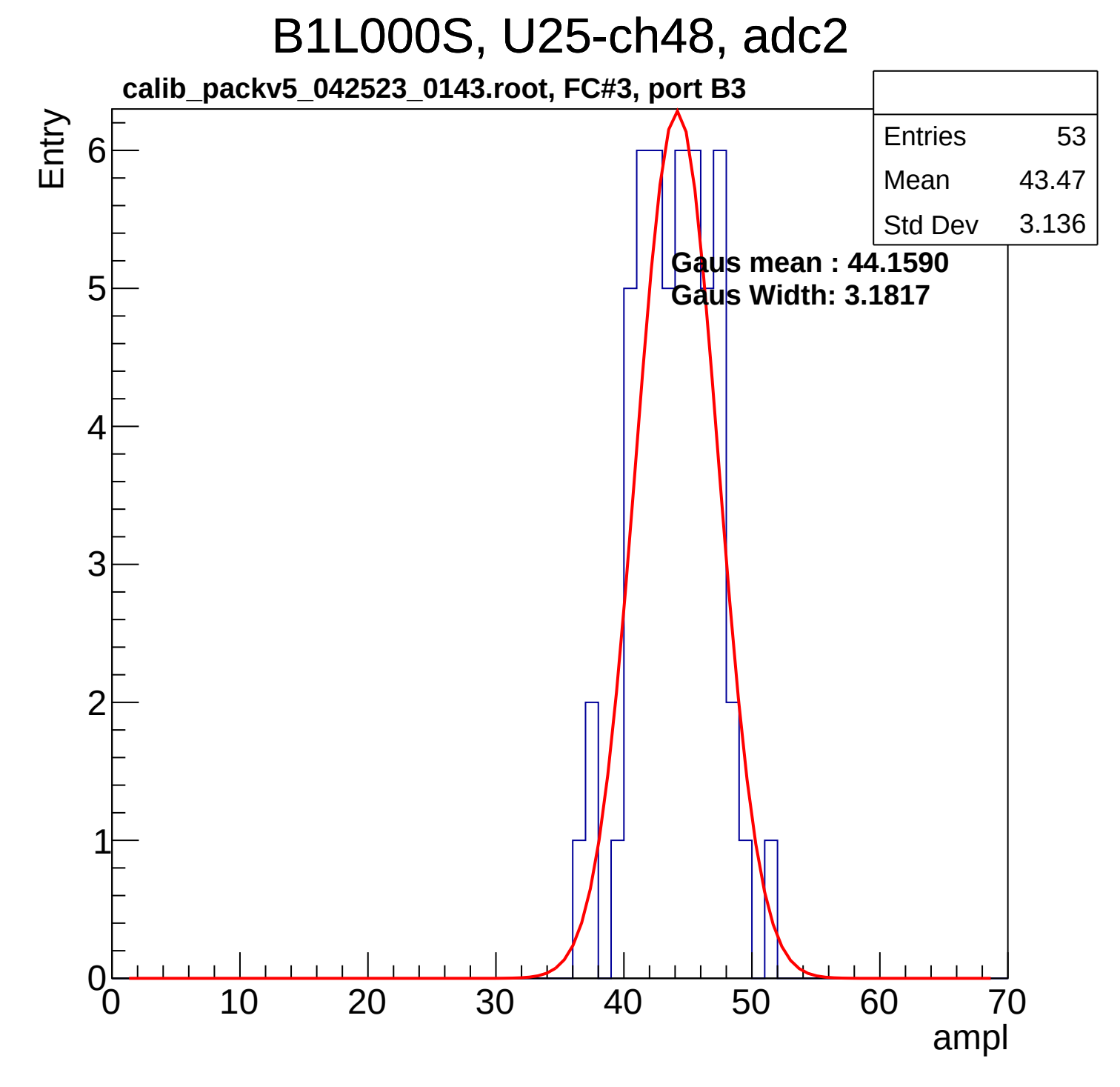
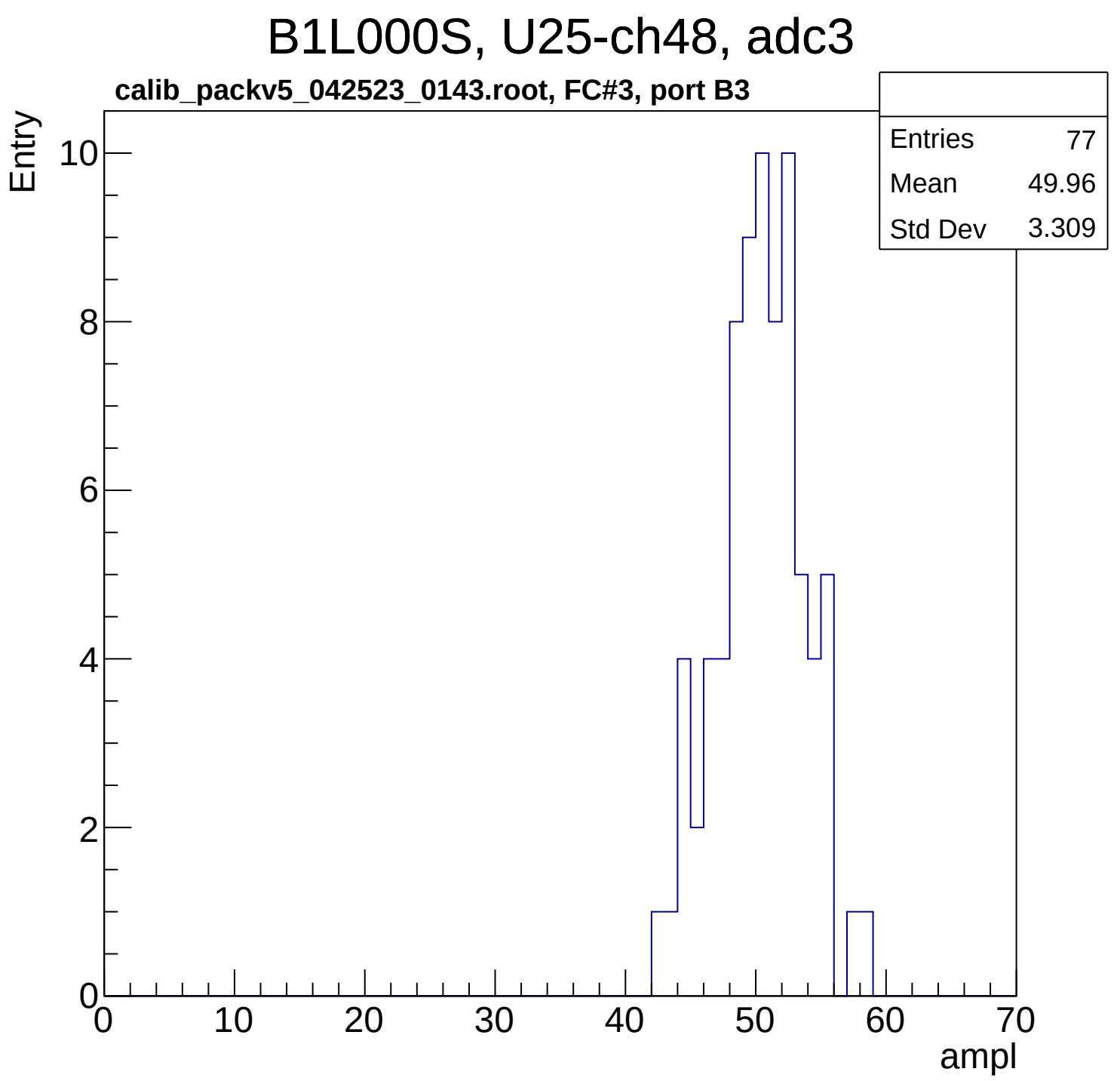

B1L000S, U25-ch47, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 62.33
Std Dev 0.7454
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

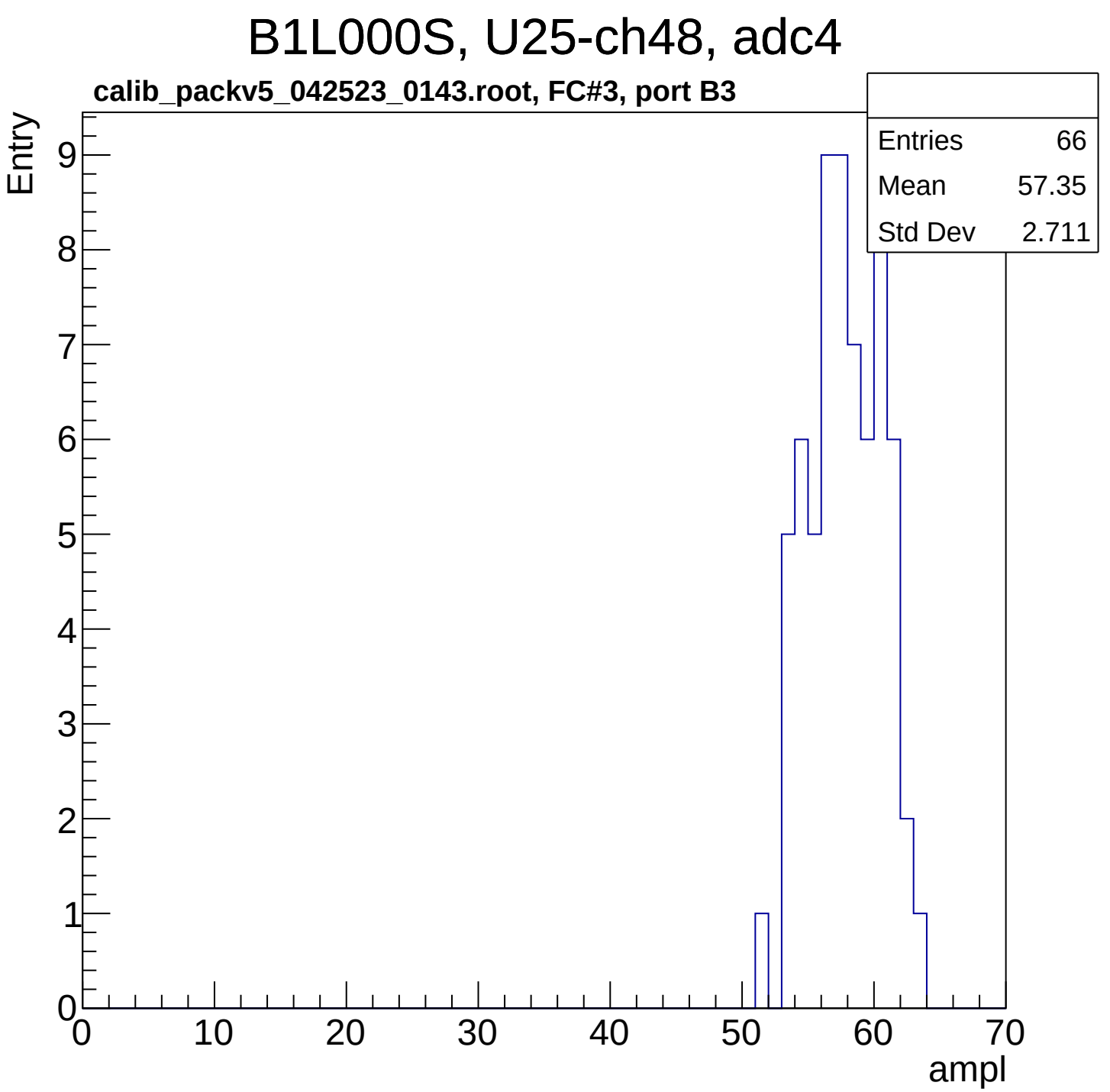

B1L000S, U25-ch47, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 24
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

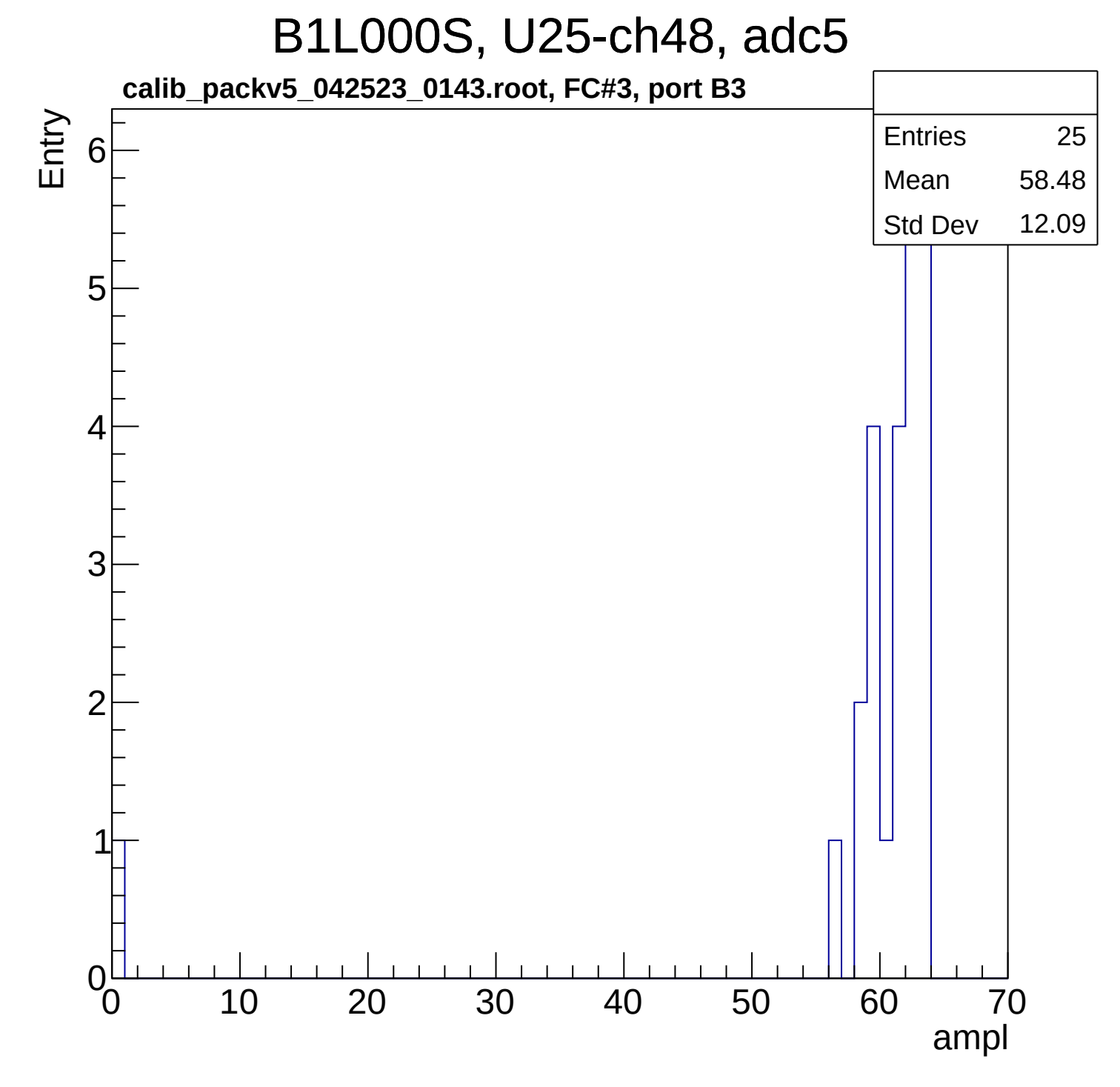

B1L000S, U25-ch48, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 31.45
Std Dev 4.972
Gaus mean : 32.2259
Gaus Width: 3.1067
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch48, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 38.25
Std Dev 3.213
Gaus mean : 38.7651
Gaus Width: 3.7095
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch48, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 43.47
Std Dev 3.136
Gaus mean : 44.1590
Gaus Width: 3.1817
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L000S, U25-ch48, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 49.96
Std Dev 3.309
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch48, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 57.35
Std Dev 2.711
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch48, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 25
Mean 58.48
Std Dev 12.09
Entry
0
1
2
3
4
5
6
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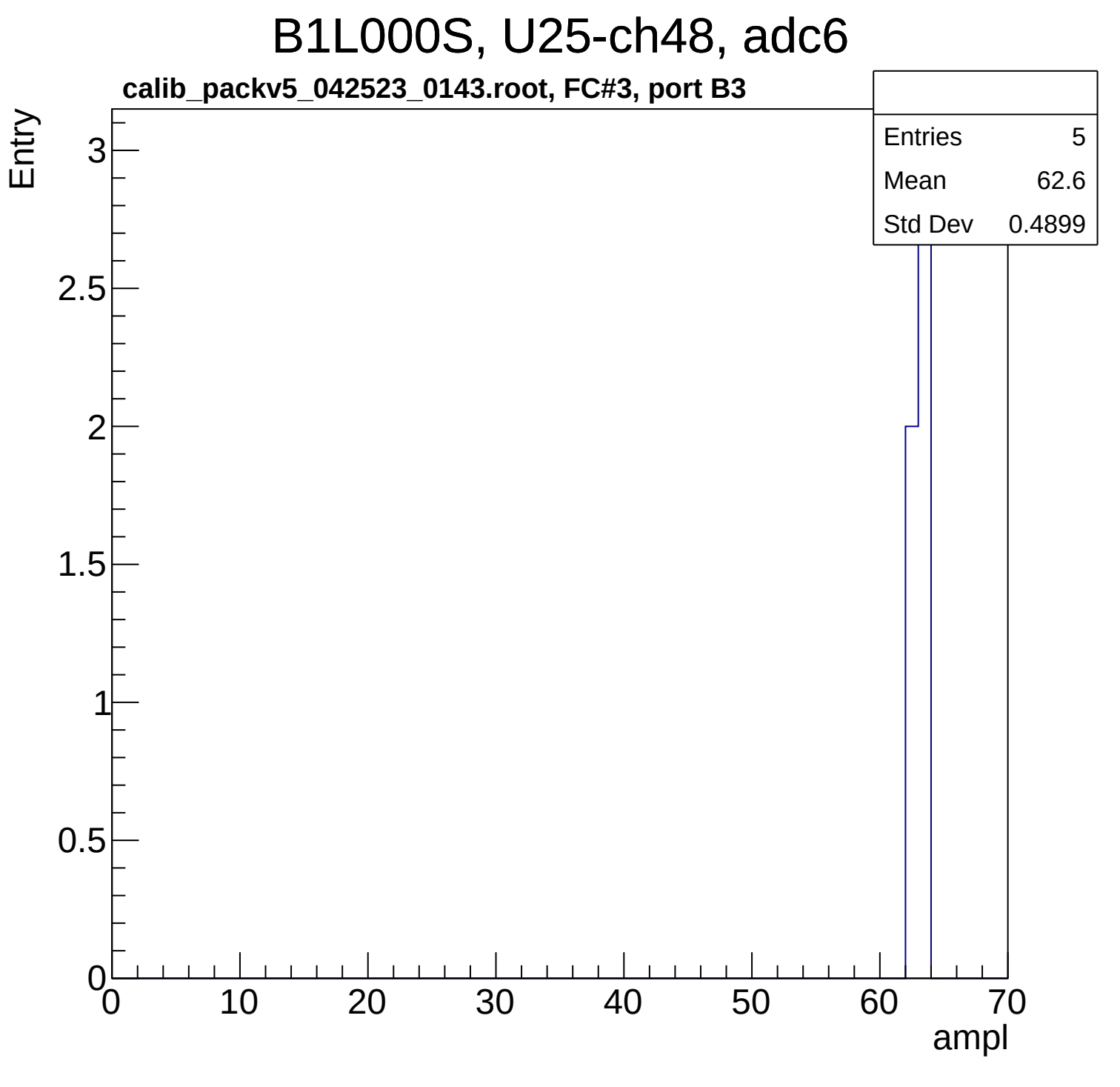
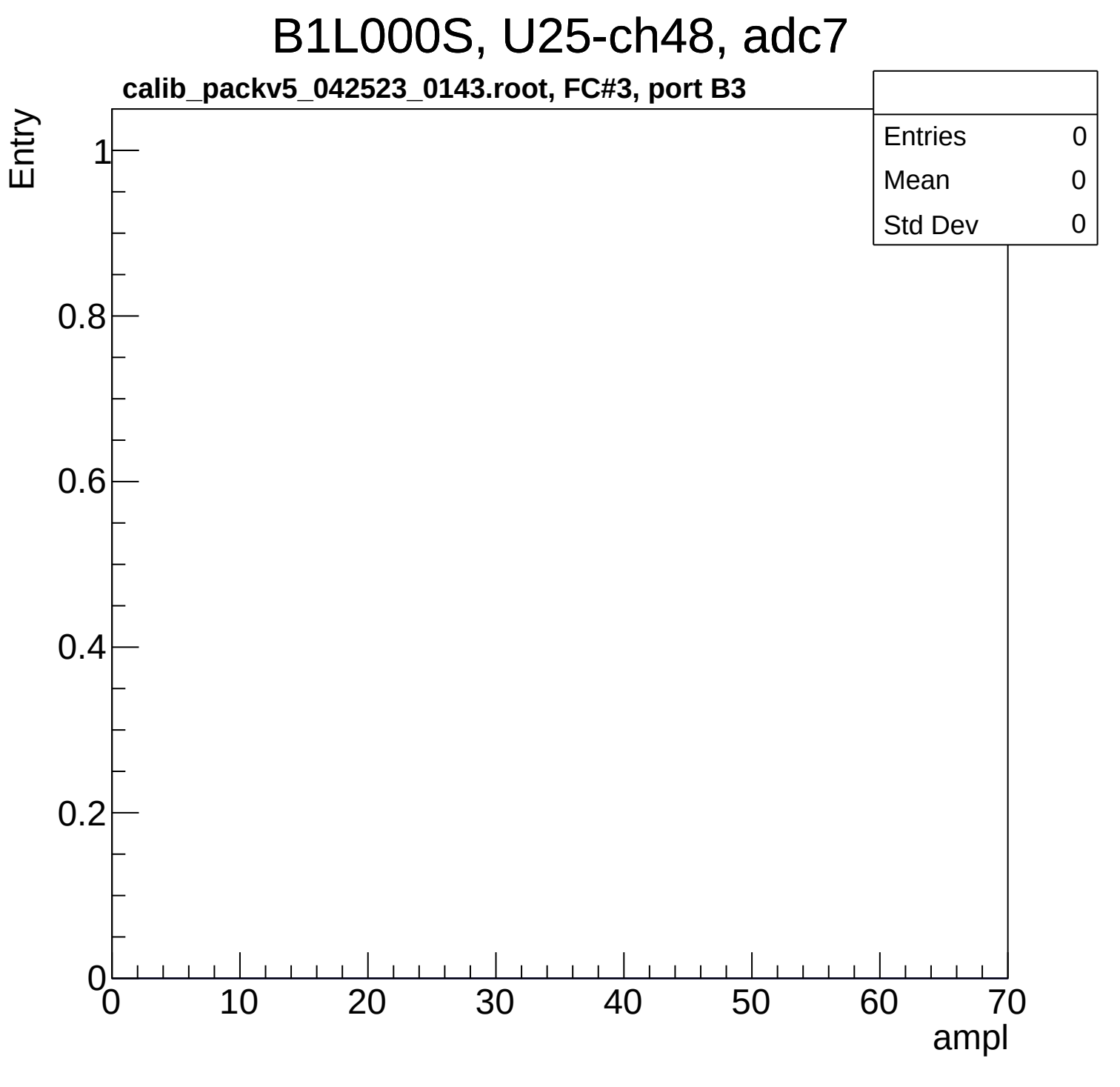
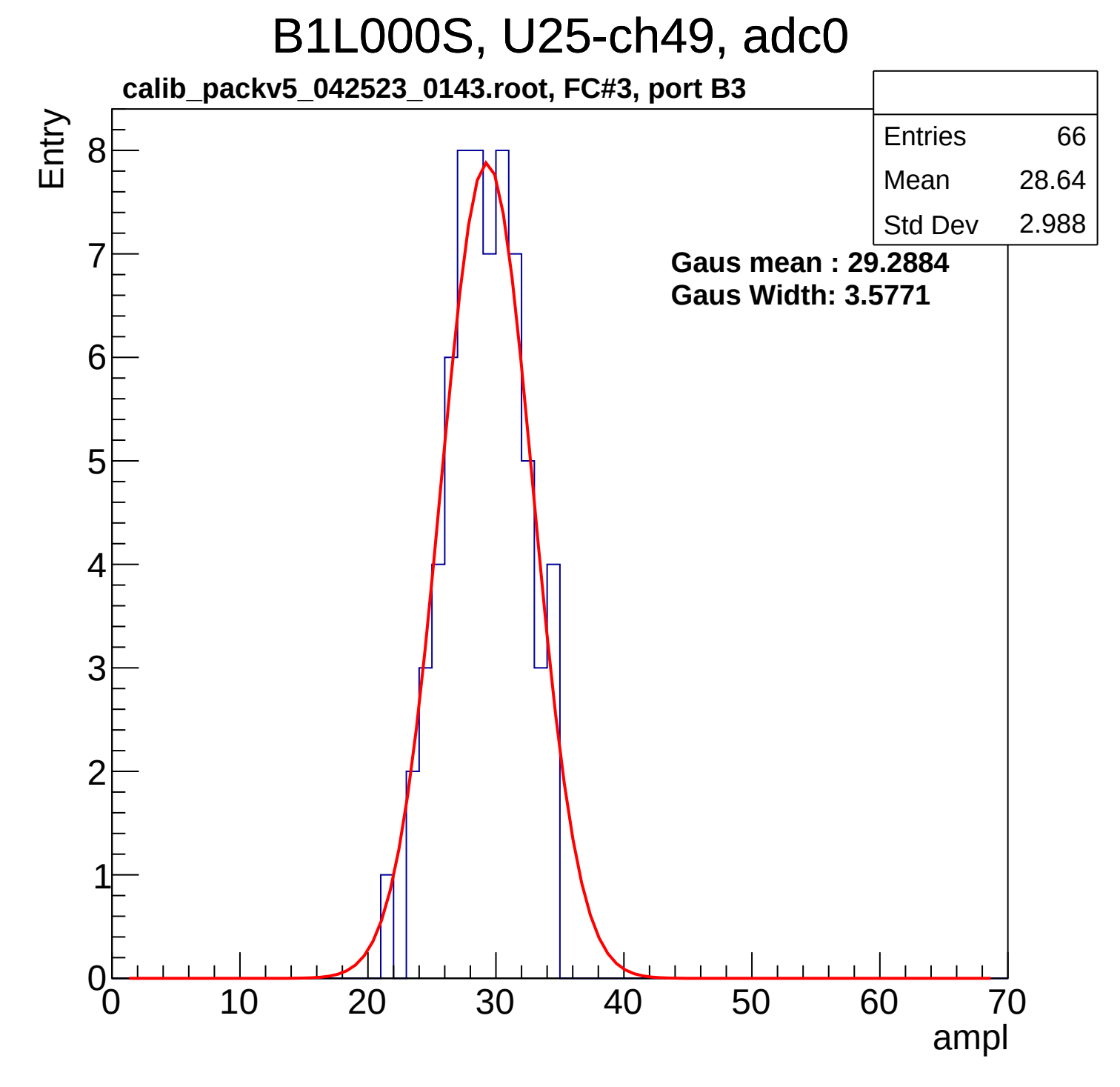
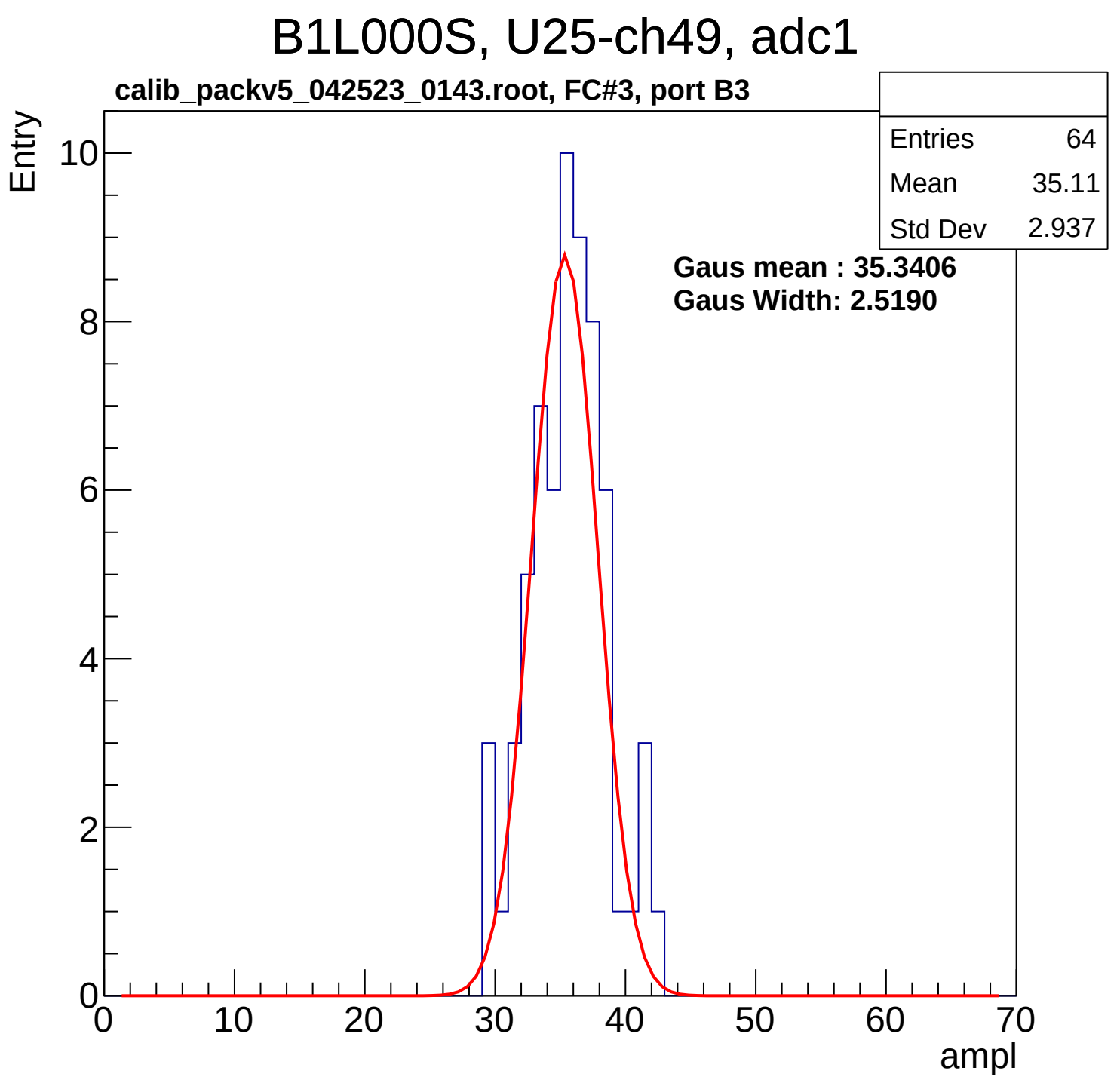
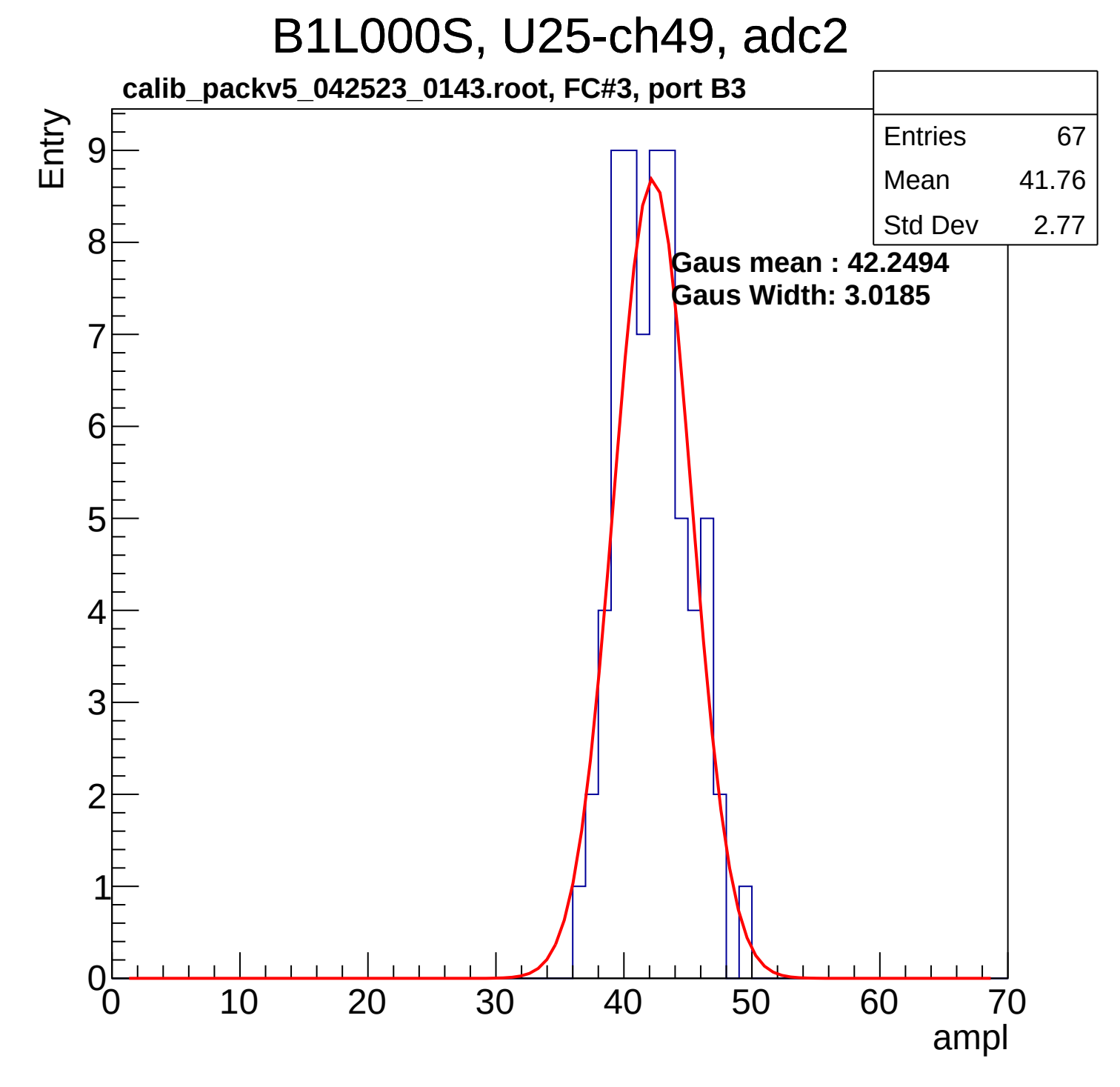
10
20
30
40
50
60
70
ampl

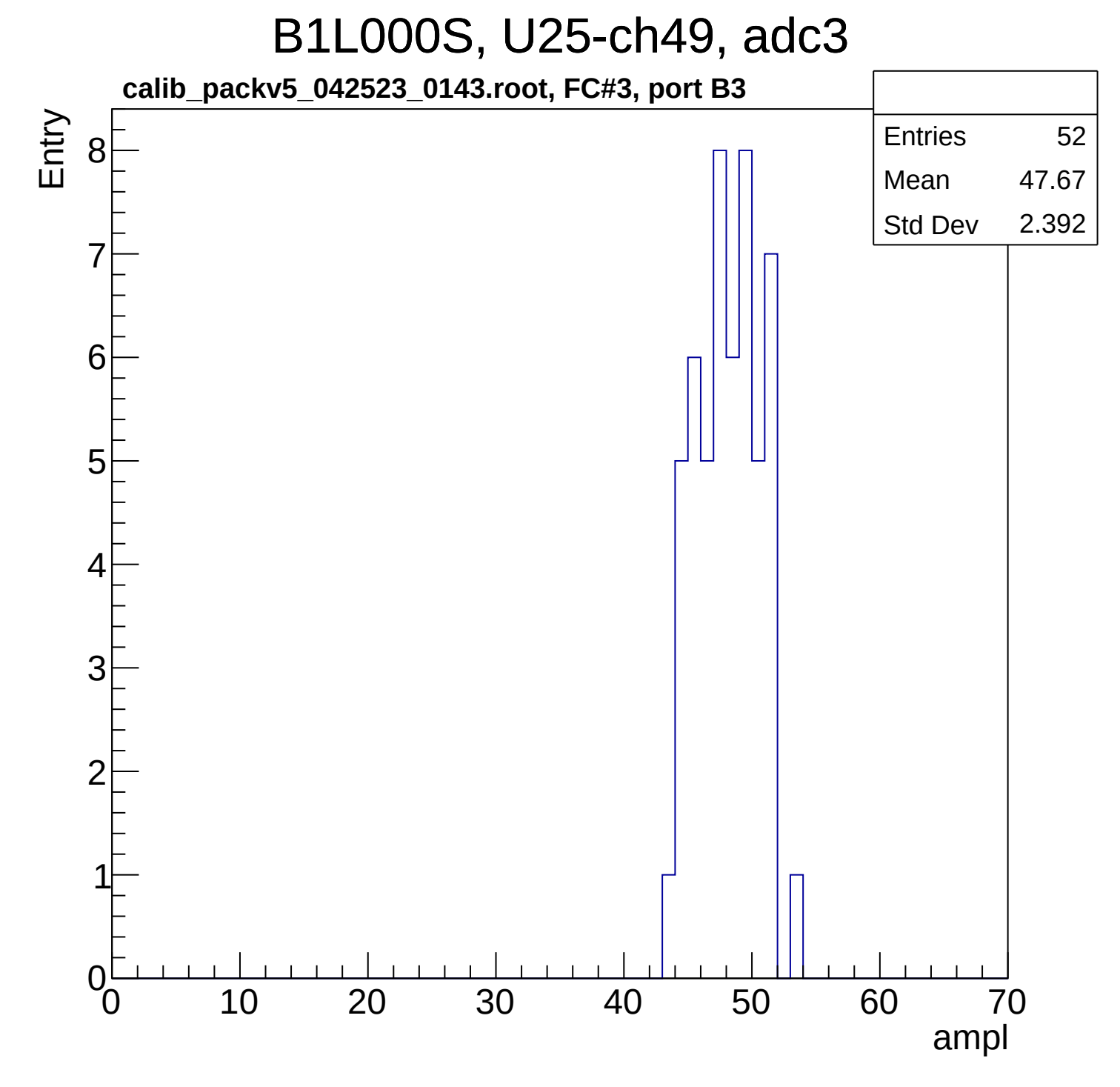

B1L000S, U25-ch48, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 62.6
Std Dev 0.4899
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U25-ch48, 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, U25-ch49, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 28.64
Std Dev 2.988
Gaus mean : 29.2884
Gaus Width: 3.5771
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch49, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 35.11
Std Dev 2.937
Gaus mean : 35.3406
Gaus Width: 2.5190
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch49, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 41.76
Std Dev 2.77
Gaus mean : 42.2494
Gaus Width: 3.0185
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch49, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 47.67
Std Dev 2.392
Entry
ampl
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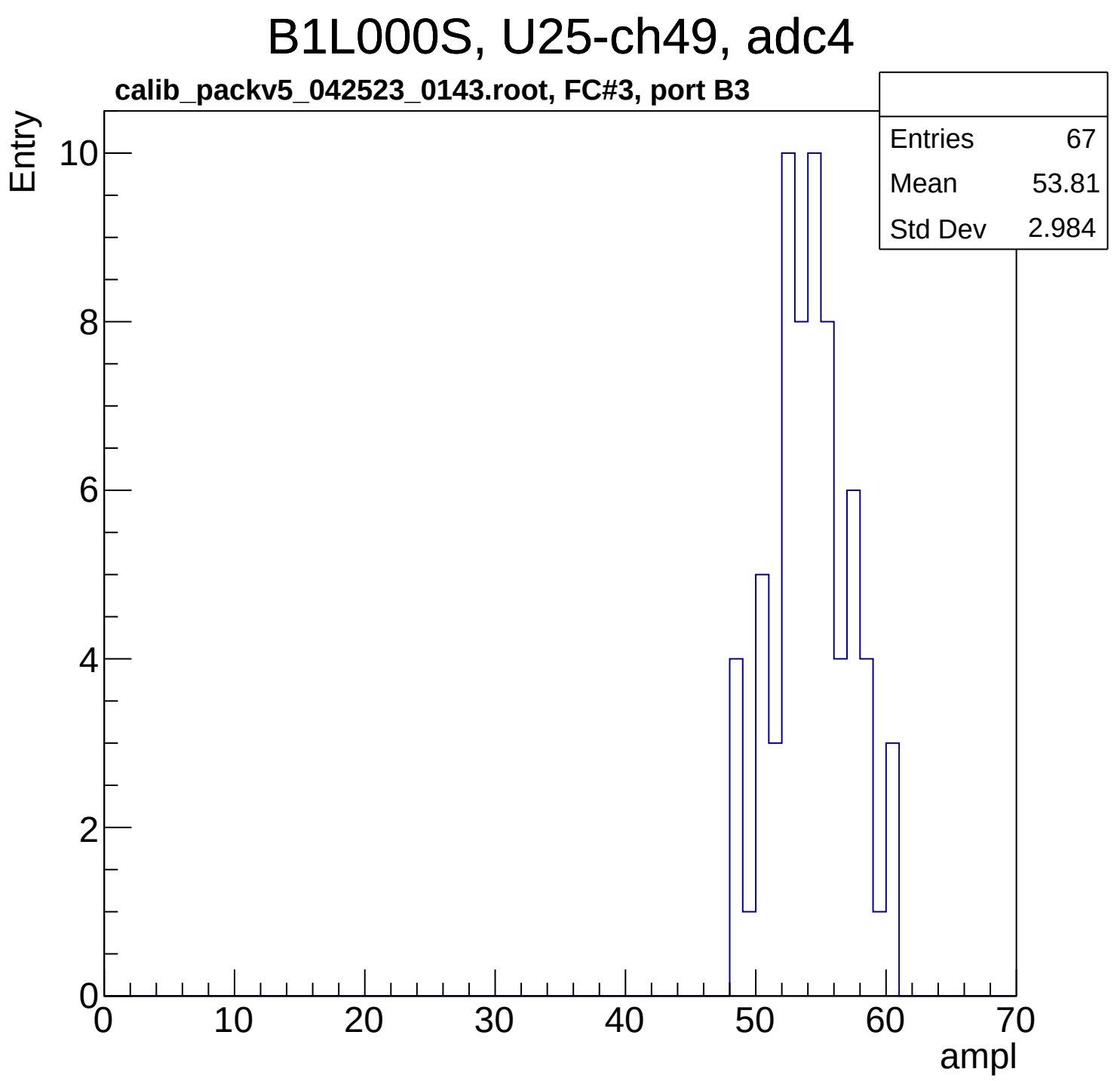
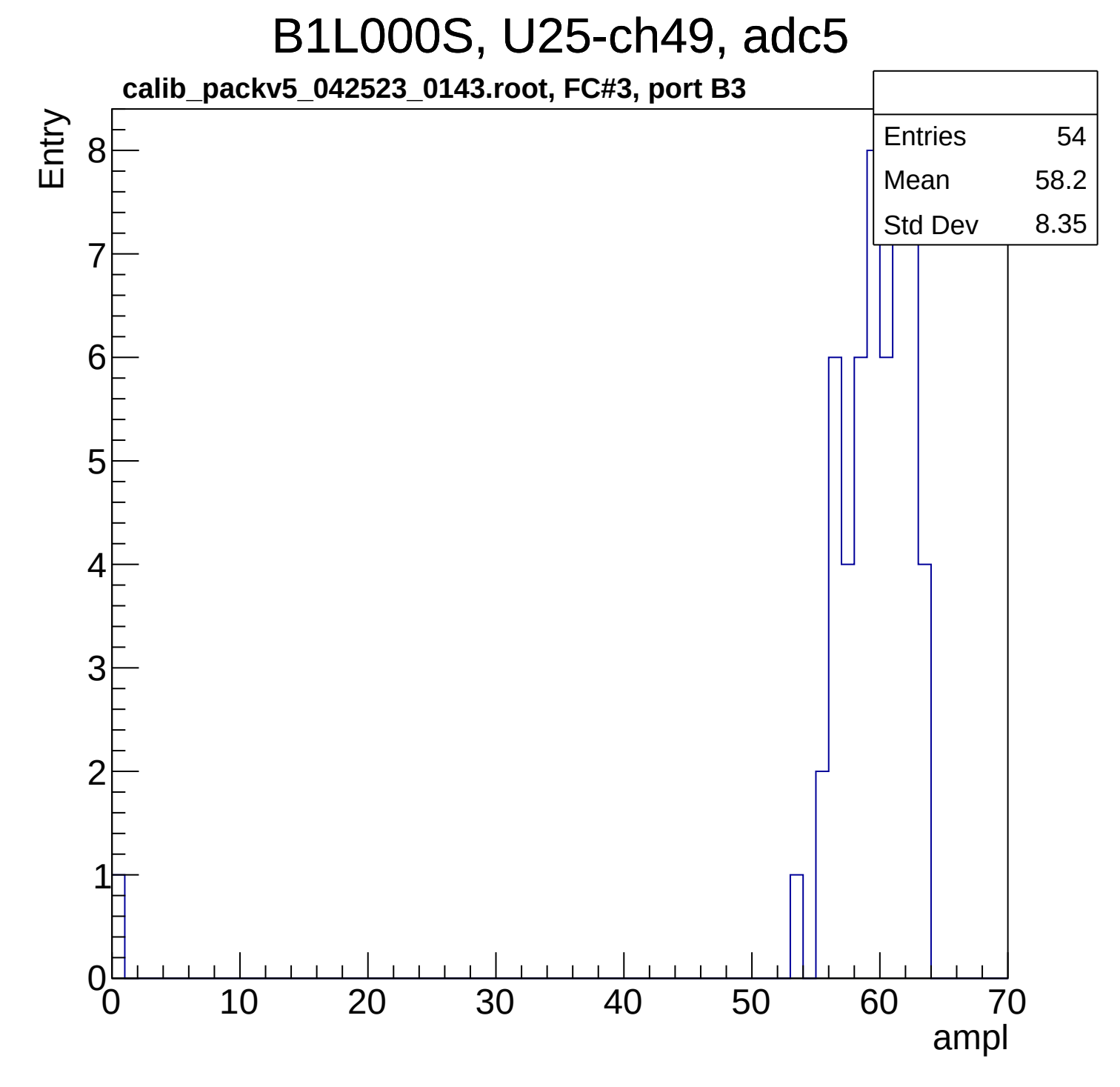
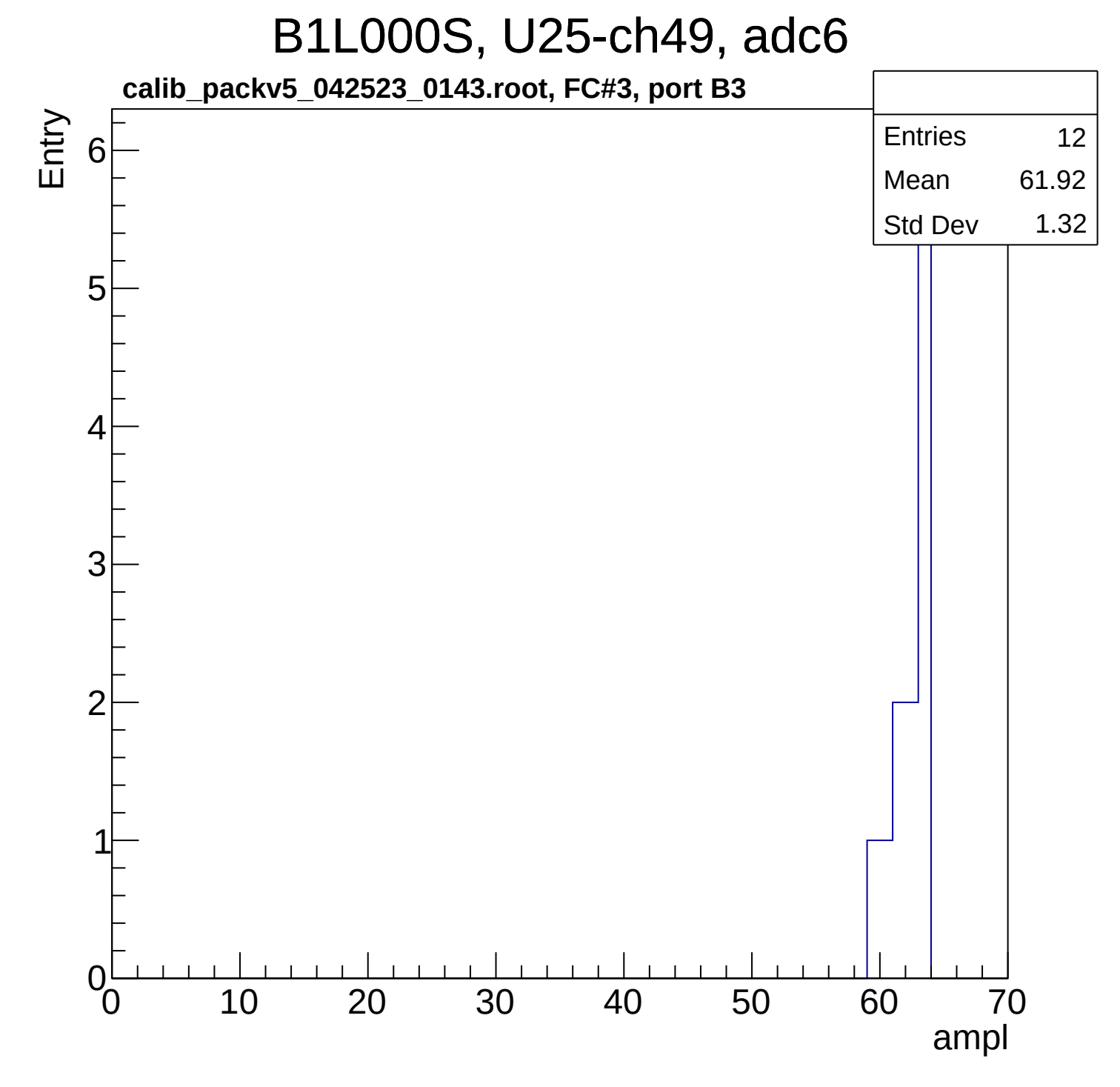
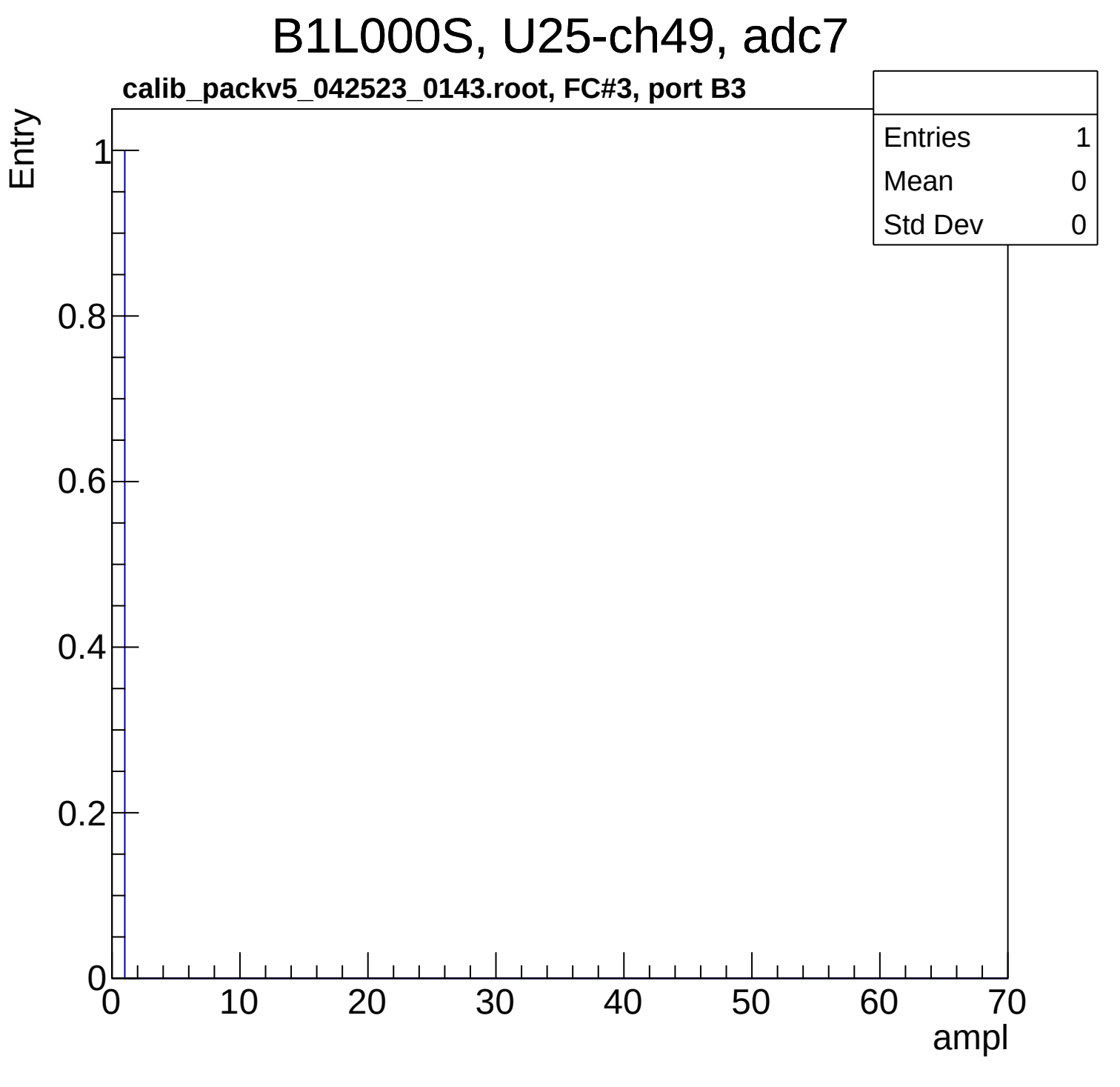
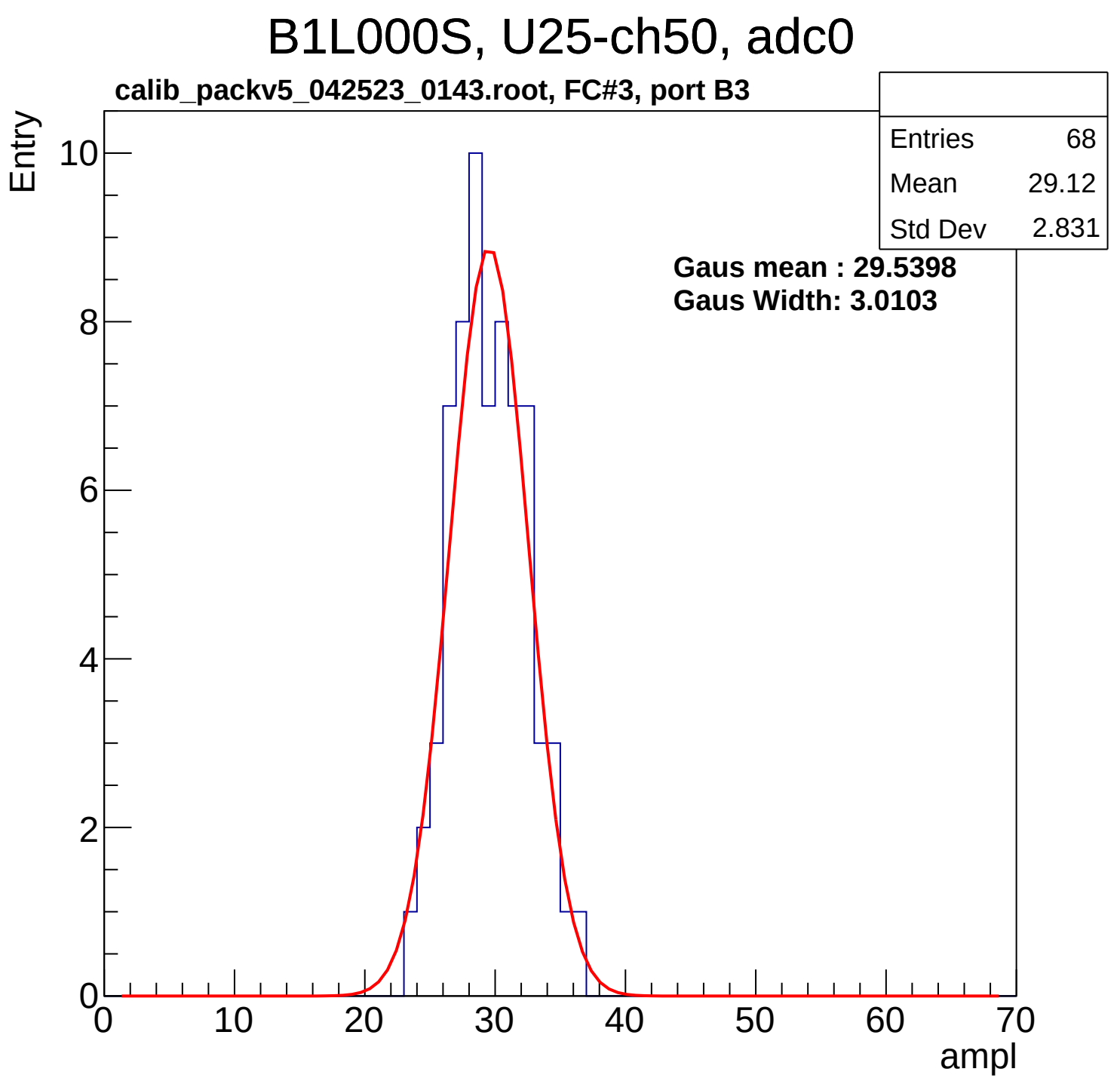
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

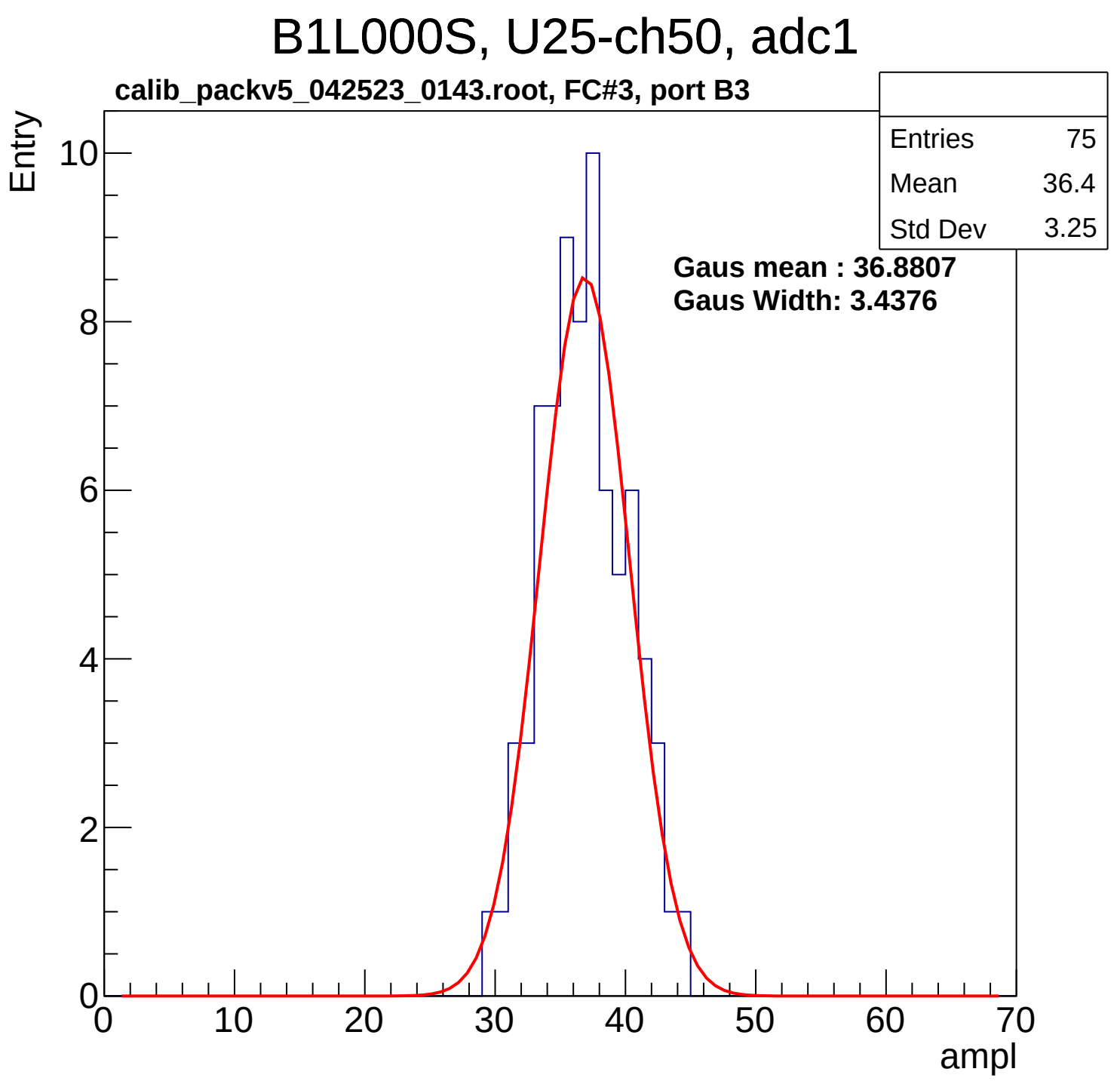

B1L000S, U25-ch49, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 53.81
Std Dev 2.984
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch49, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 58.2
Std Dev 8.35
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch49, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 61.92
Std Dev 1.32
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch49, 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, U25-ch50, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 29.12
Std Dev 2.831
Gaus mean : 29.5398
Gaus Width: 3.0103
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch50, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 36.4
Std Dev 3.25
Gaus mean : 36.8807
Gaus Width: 3.4376
Entry
ampl
0
2
4
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8
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0
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40
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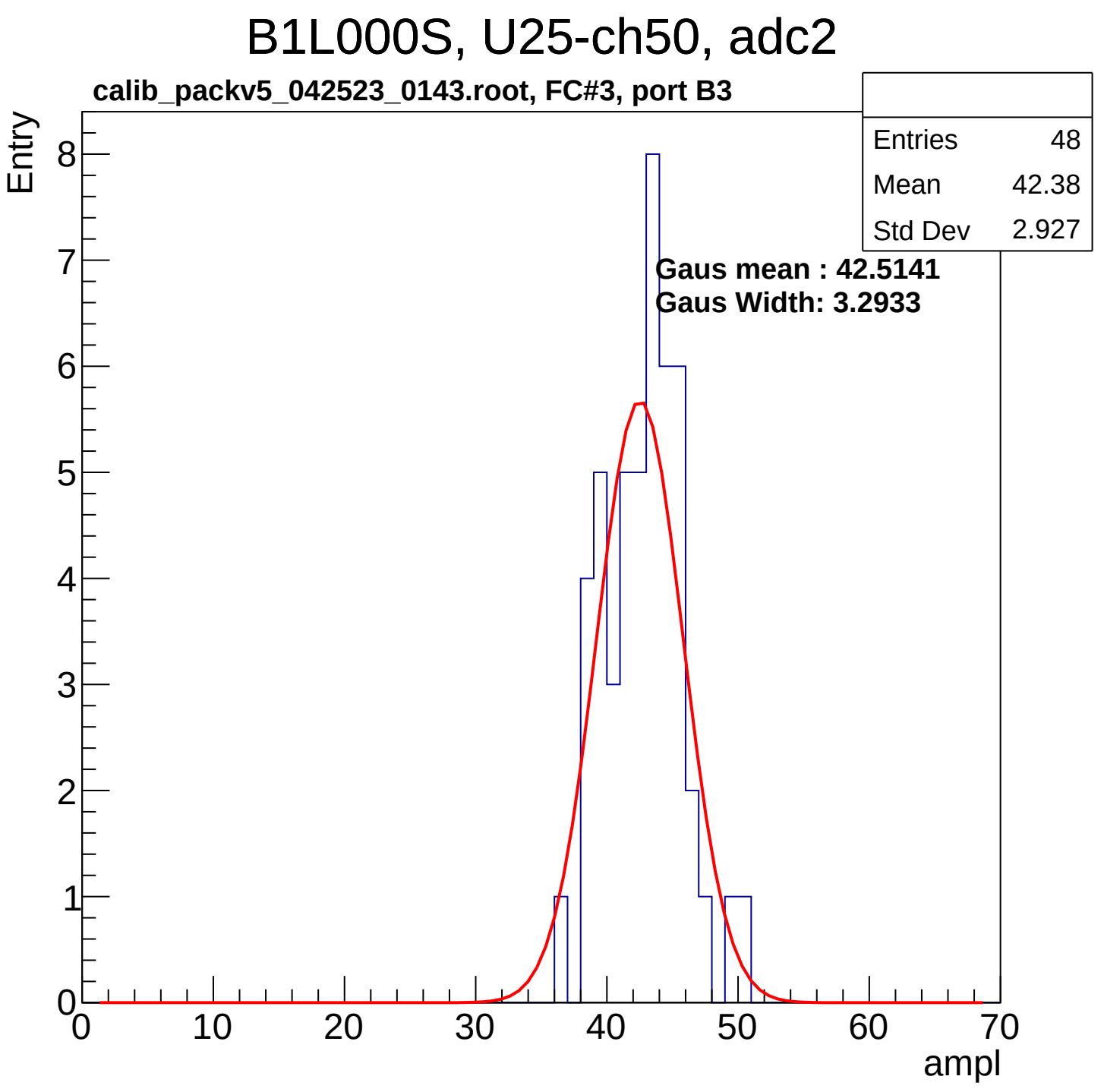
B1L000S, U25-ch50, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 42.38
Std Dev 2.927
Gaus mean : 42.5141
Gaus Width: 3.2933
Entry
ampl
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1
2
3
4
5
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7
8
0
10
20
30
40
50
60
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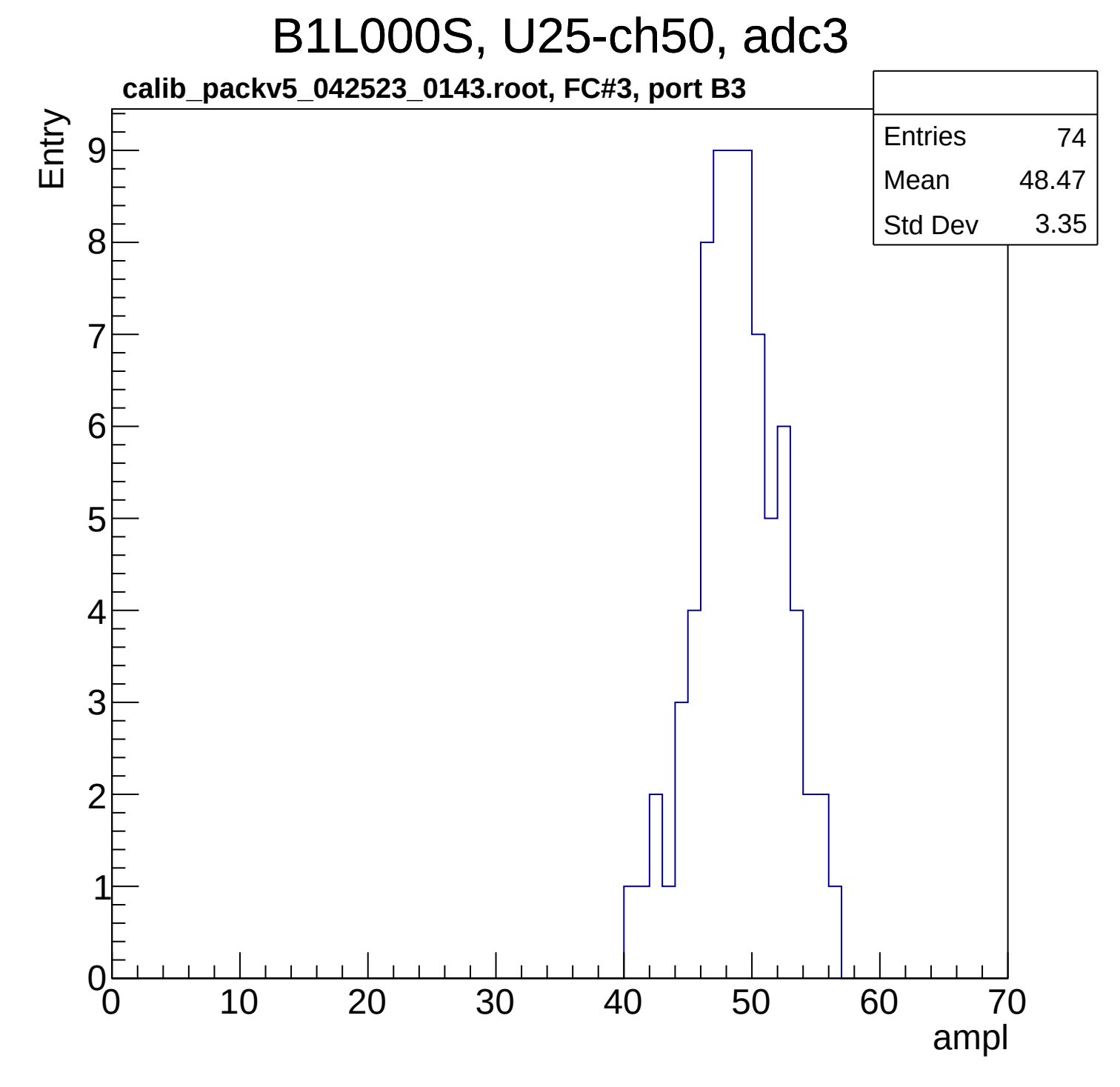
B1L000S, U25-ch50, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 48.47
Std Dev 3.35
Entry
ampl
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3
4
5
6
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8
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0
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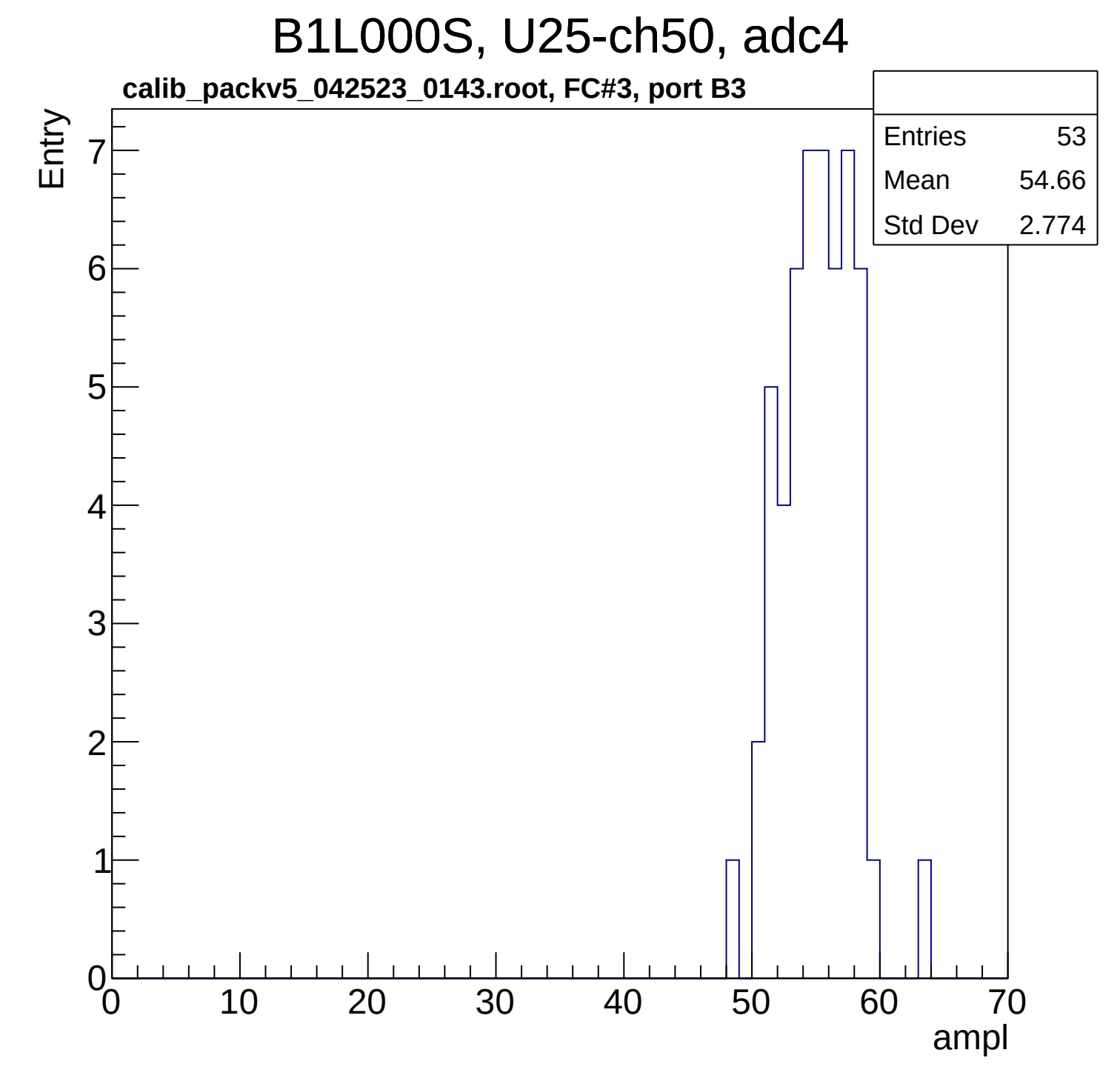
B1L000S, U25-ch50, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 54.66
Std Dev 2.774
Entry
ampl
0
1
2
3
4
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6
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0
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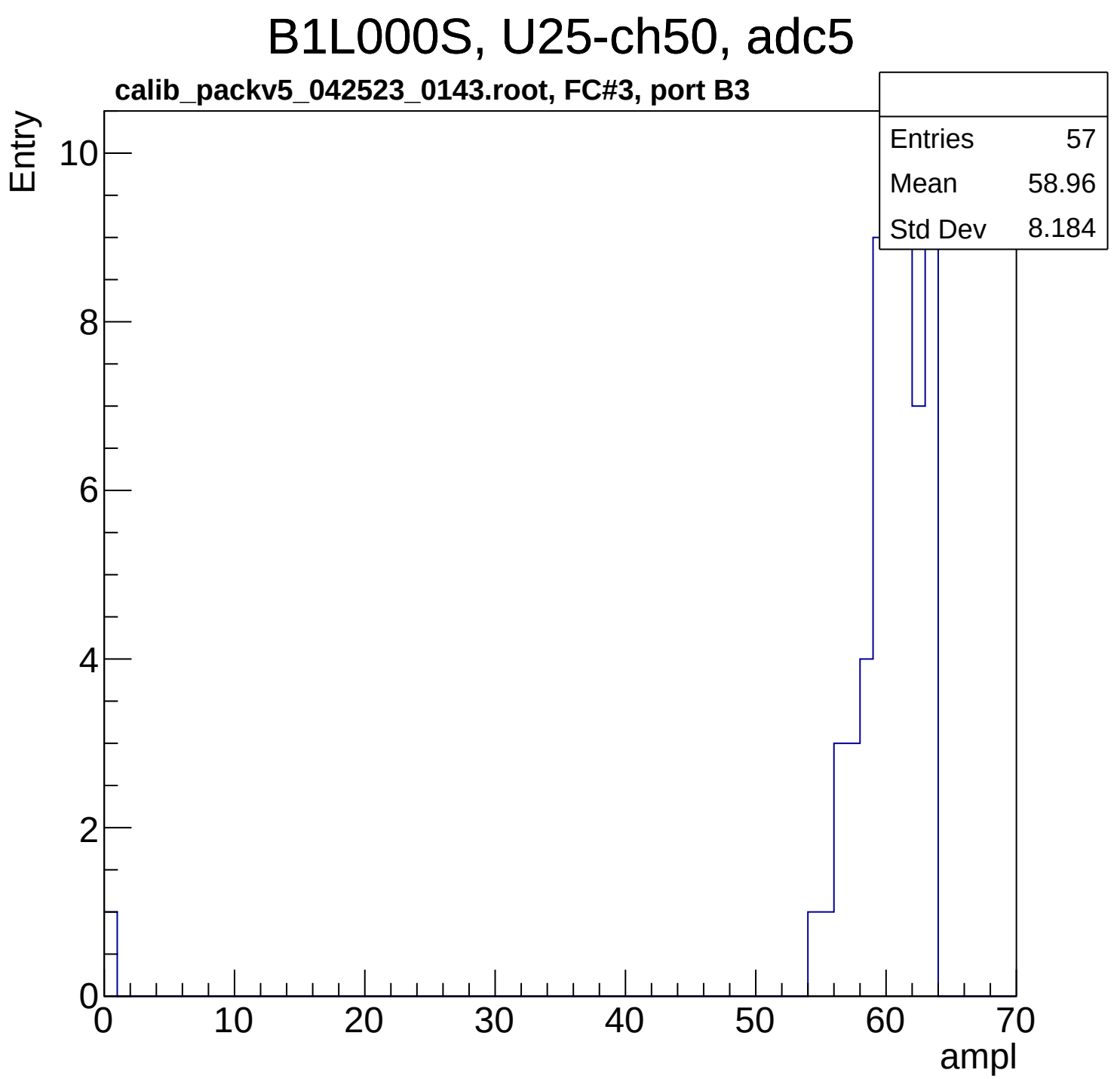
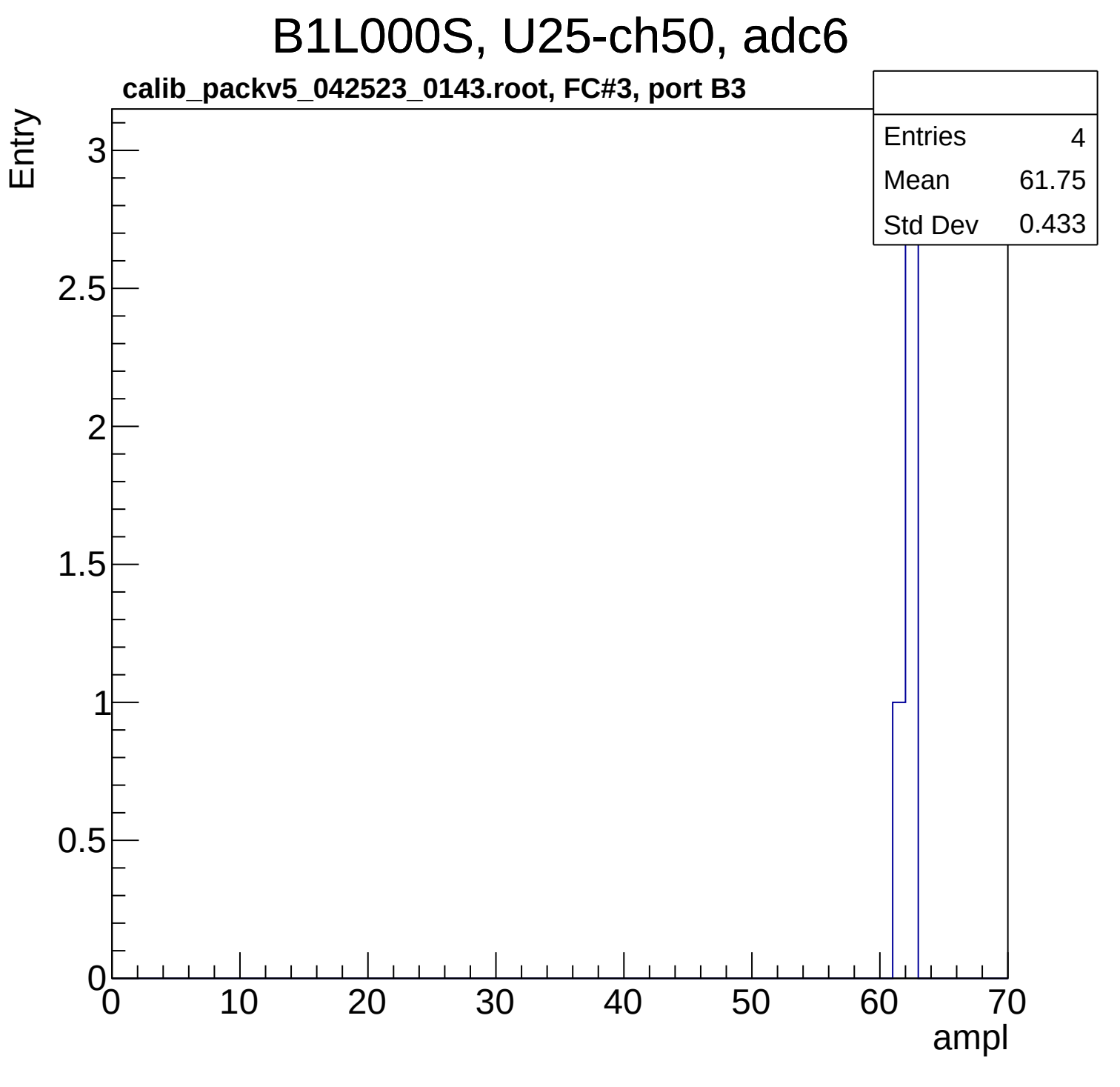

B1L000S, U25-ch50, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 58.96
Std Dev 8.184
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch50, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 61.75
Std Dev 0.433
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
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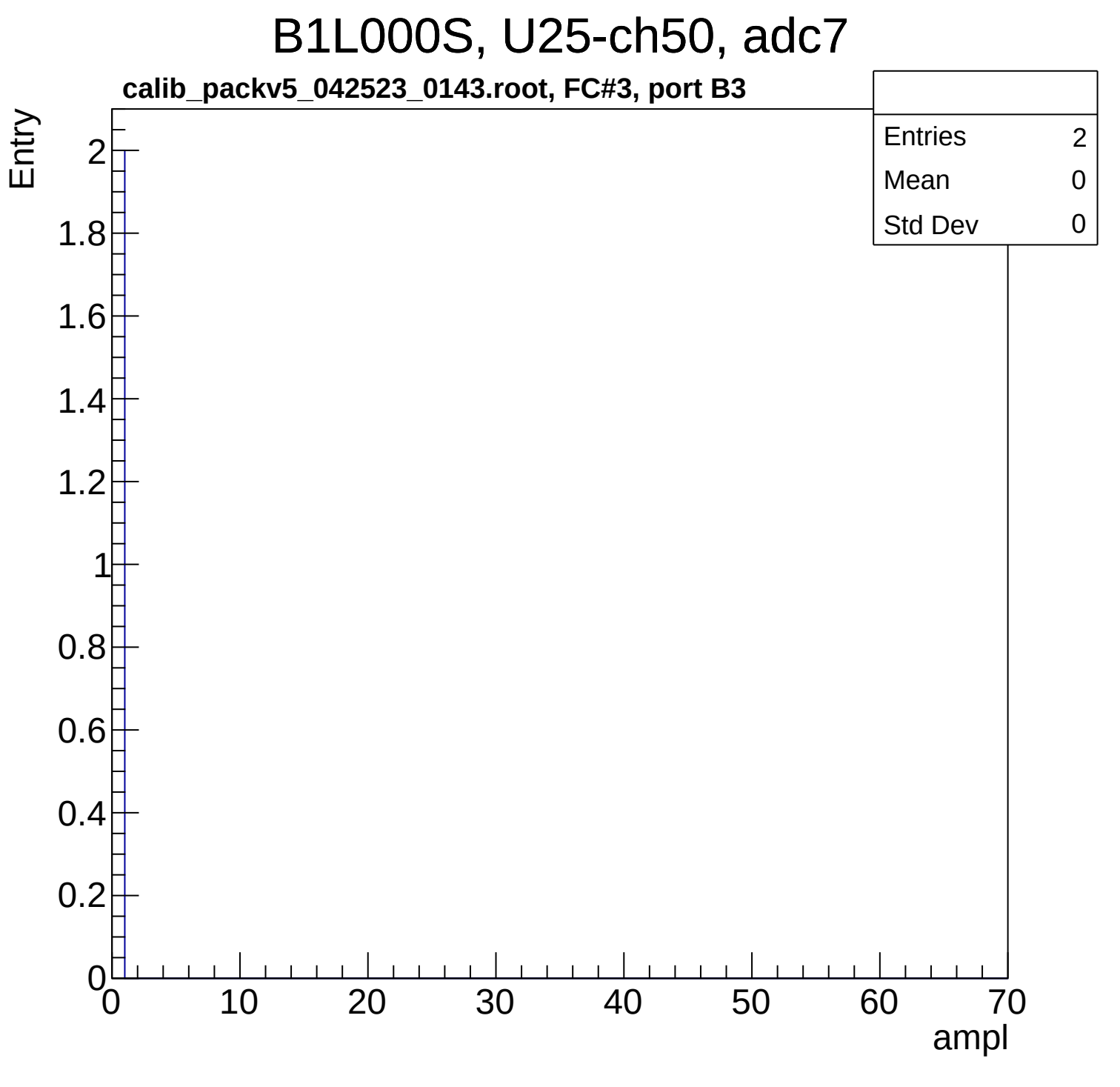
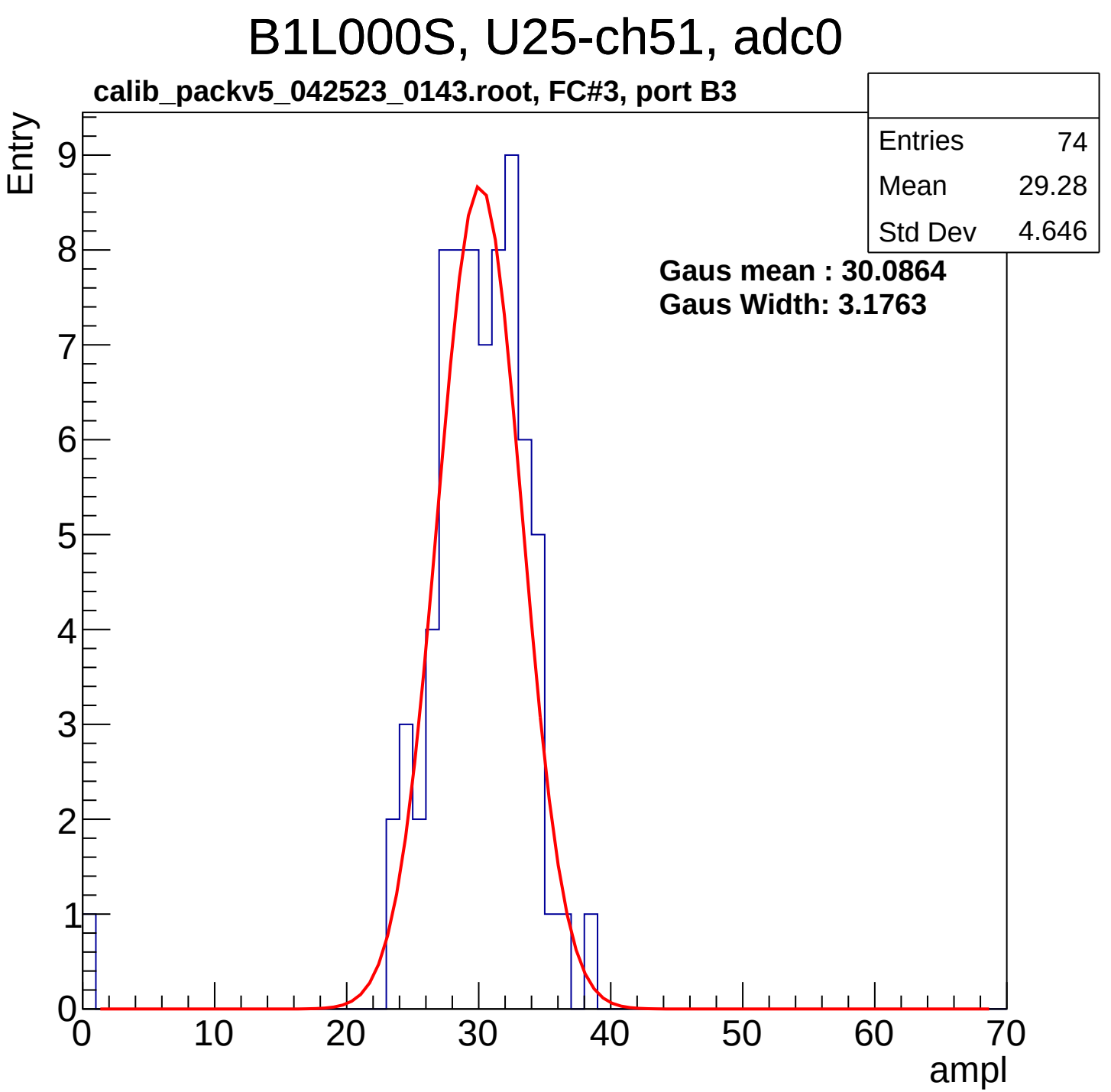

B1L000S, U25-ch50, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch51, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 29.28
Std Dev 4.646
Gaus mean : 30.0864
Gaus Width: 3.1763
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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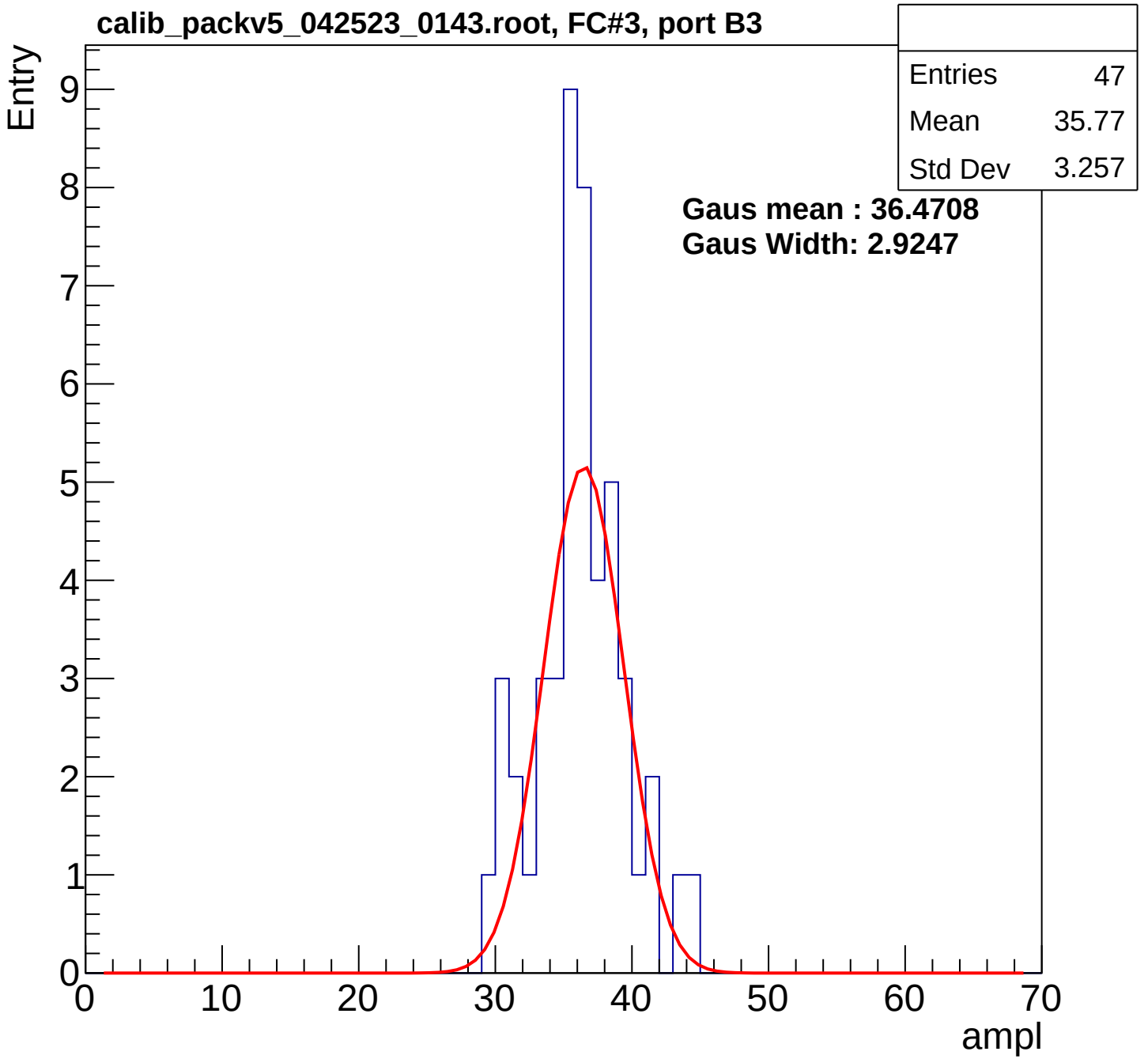
B1L000S, U25-ch51, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 35.77
Std Dev 3.257
Gaus mean : 36.4708
Gaus Width: 2.9247
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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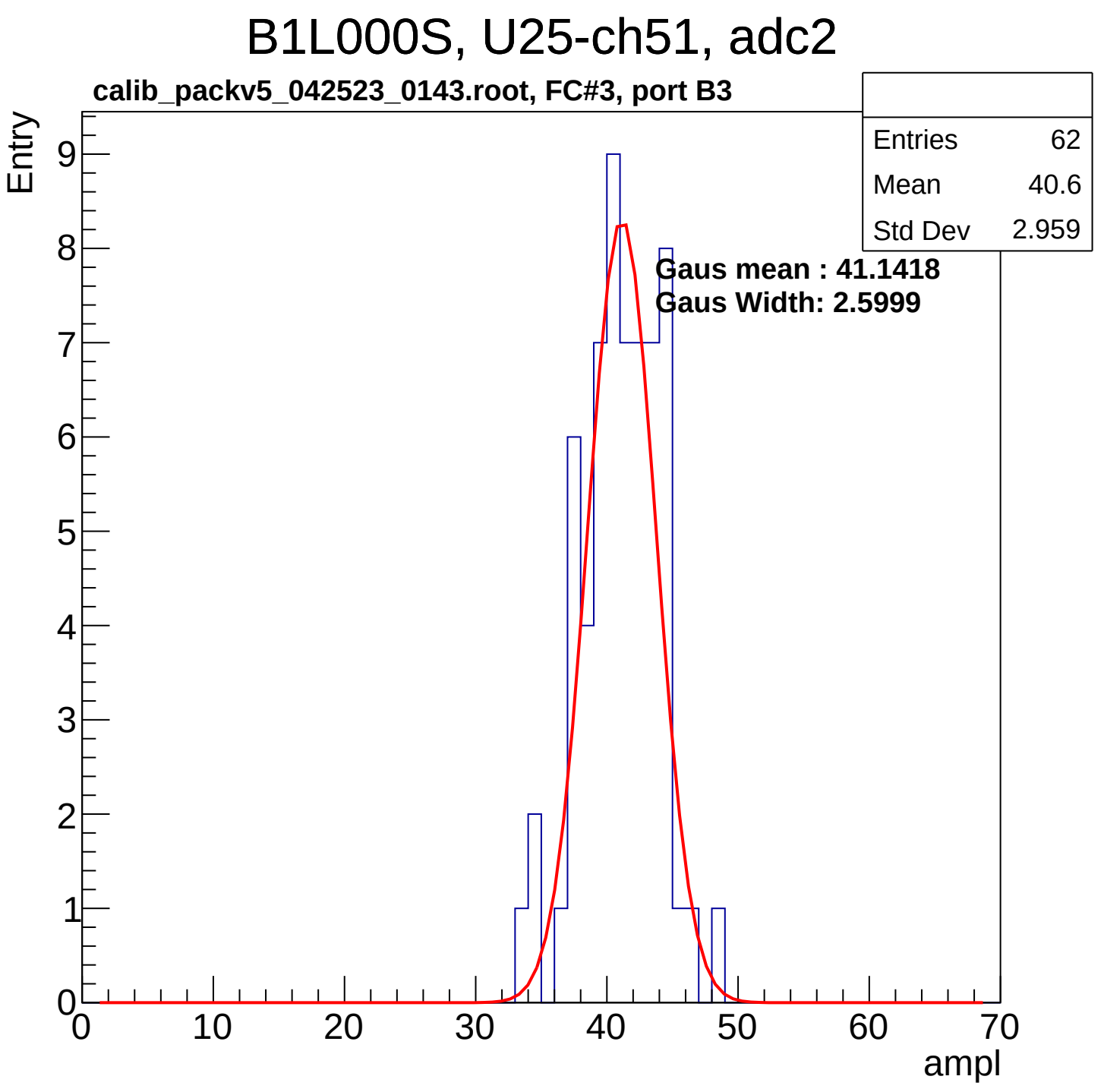
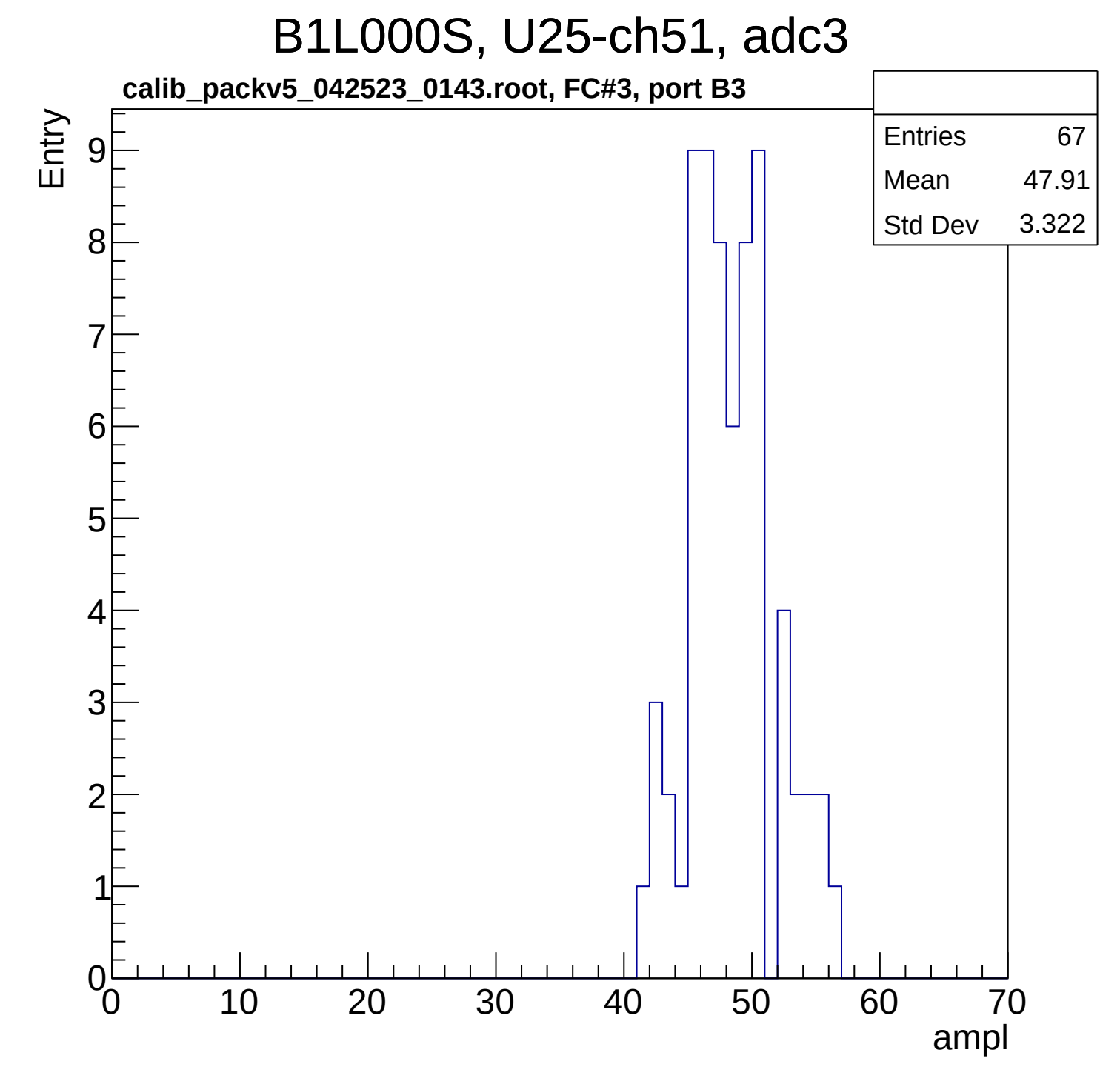

B1L000S, U25-ch51, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 40.6
Std Dev 2.959
Gaus mean : 41.1418
Gaus Width: 2.5999
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch51, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 47.91
Std Dev 3.322
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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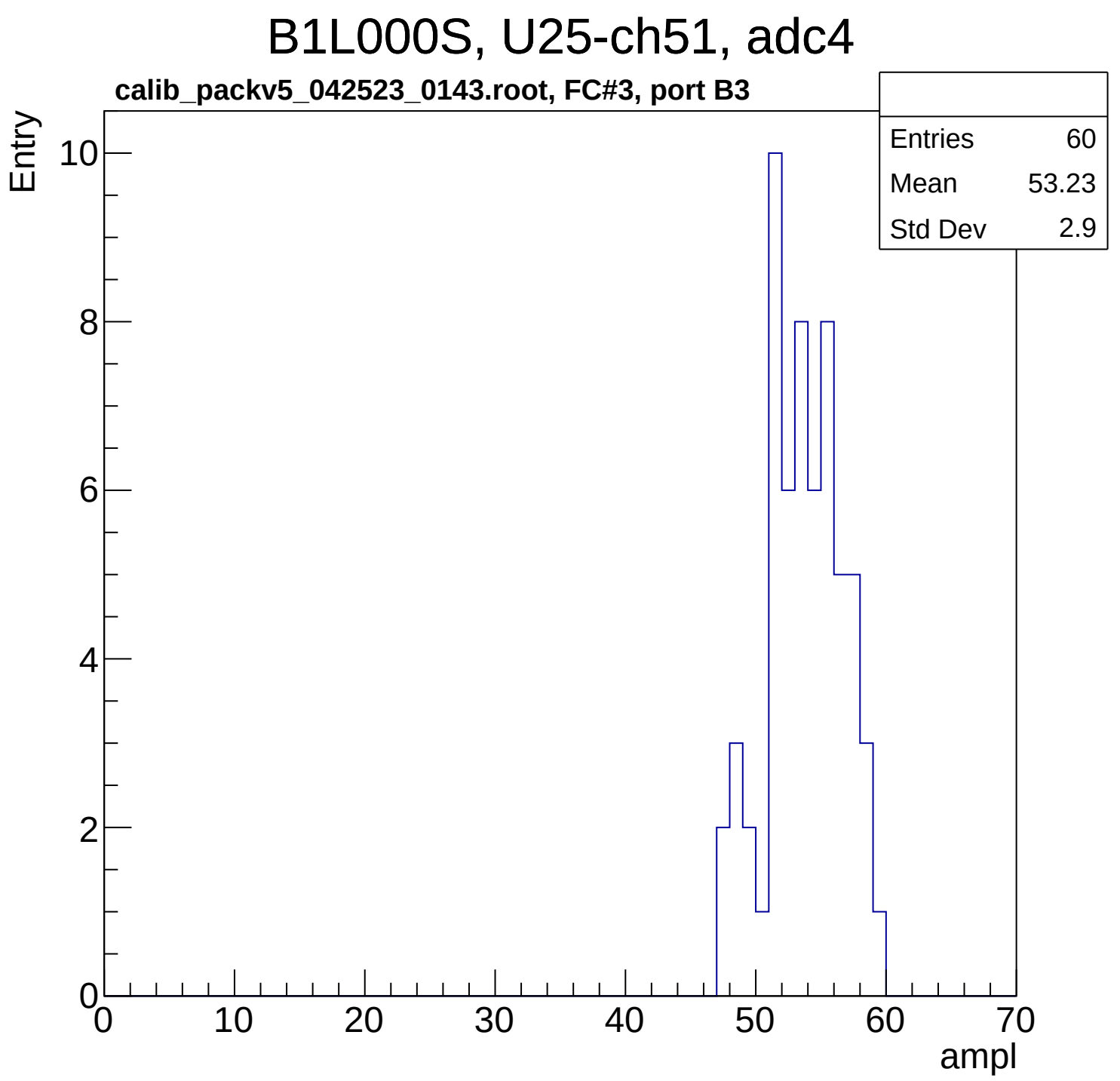
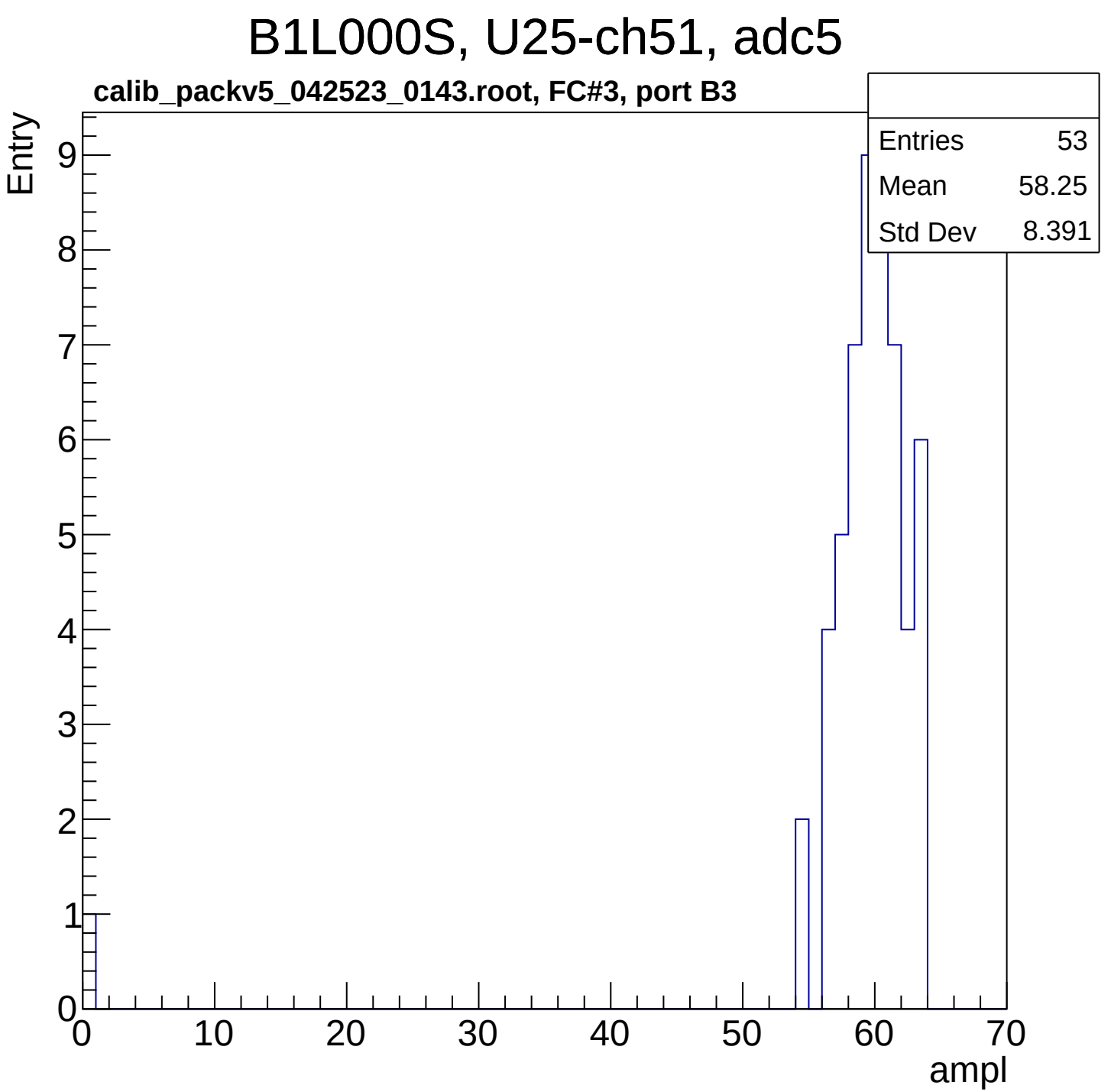

B1L000S, U25-ch51, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 53.23
Std Dev 2.9
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch51, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 58.25
Std Dev 8.391
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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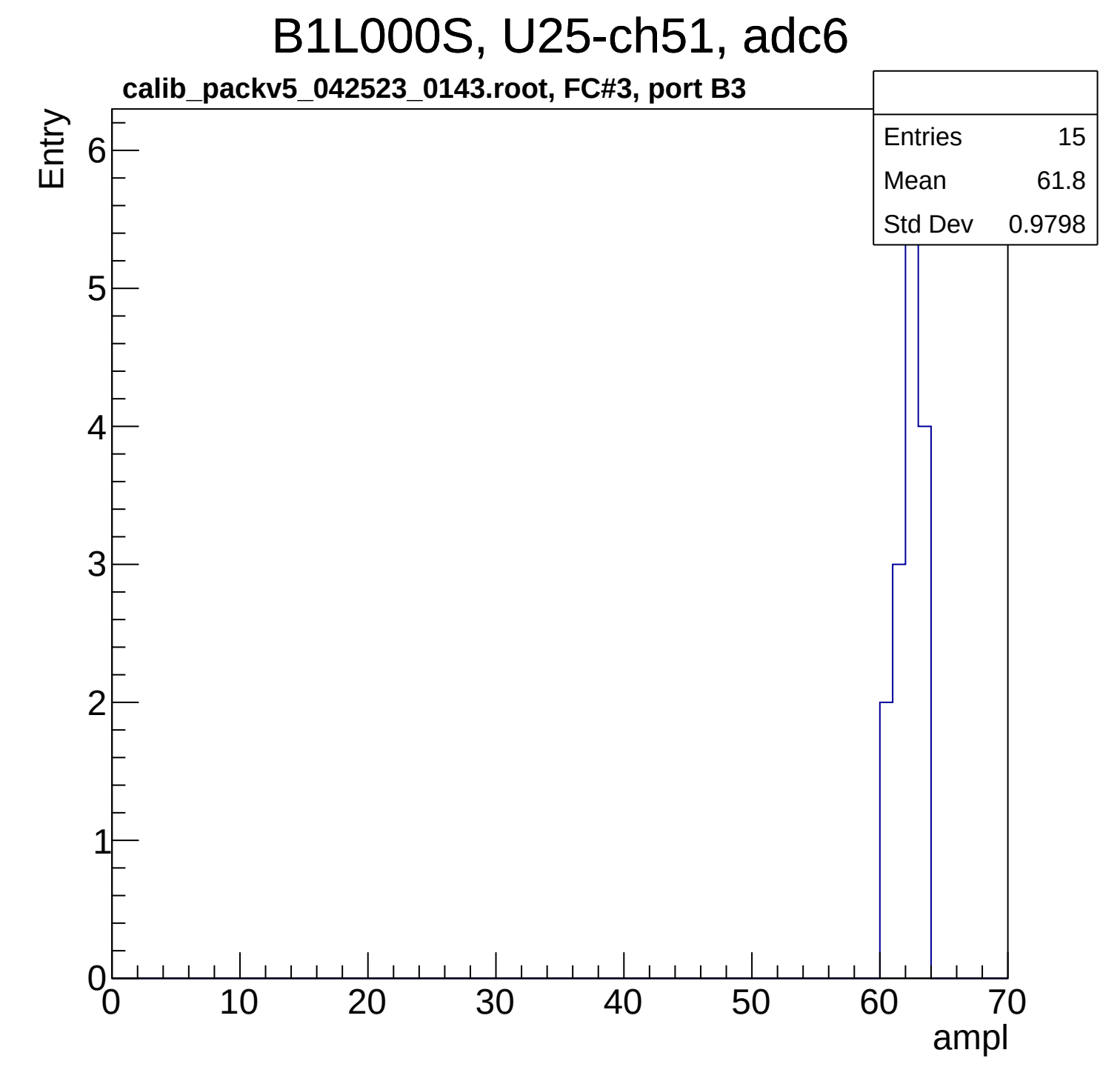
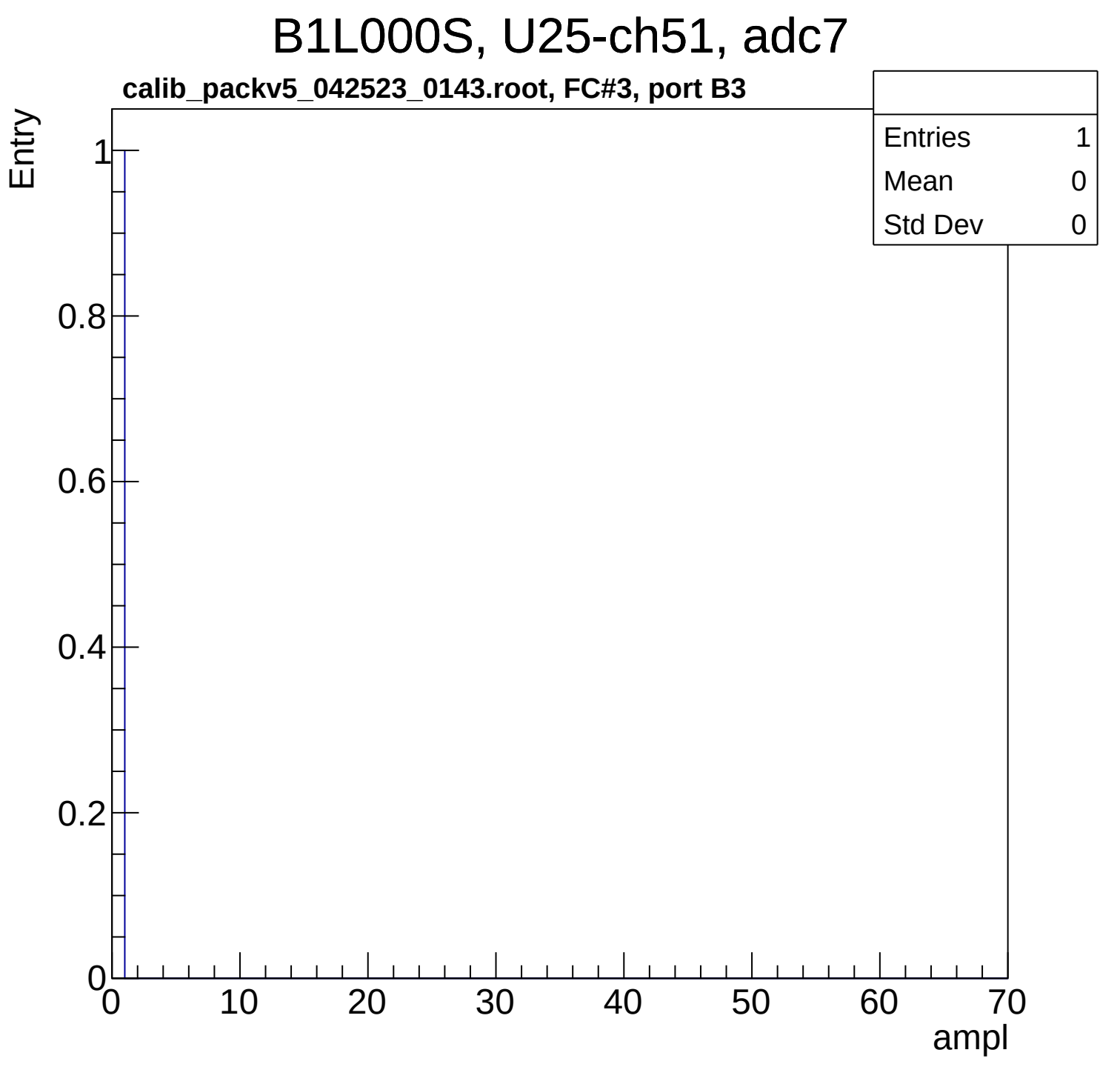
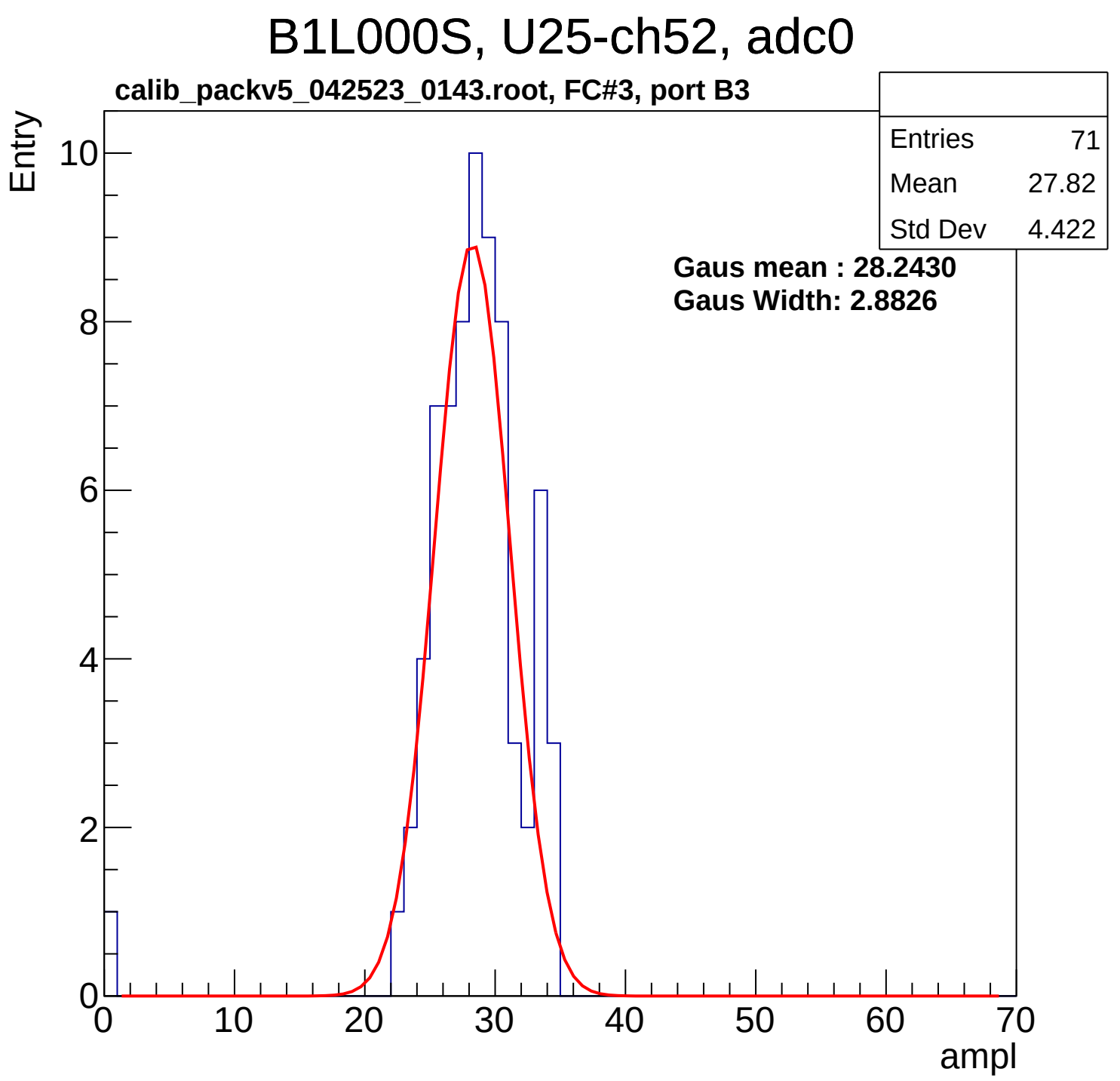

B1L000S, U25-ch51, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 61.8
Std Dev 0.9798
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch51, 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, U25-ch52, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 27.82
Std Dev 4.422
Gaus mean : 28.2430
Gaus Width: 2.8826
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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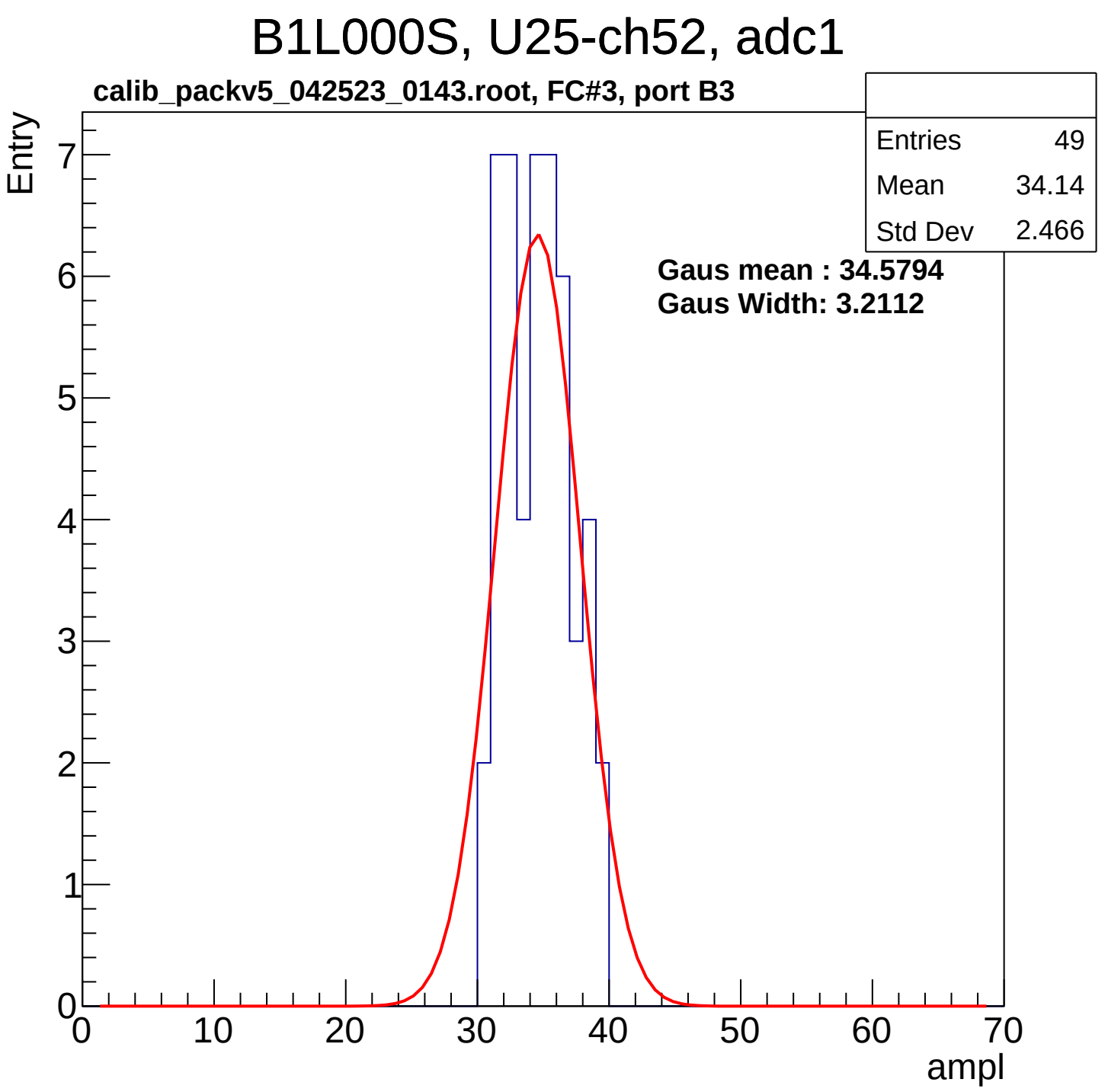
B1L000S, U25-ch52, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 34.14
Std Dev 2.466
Gaus mean : 34.5794
Gaus Width: 3.2112
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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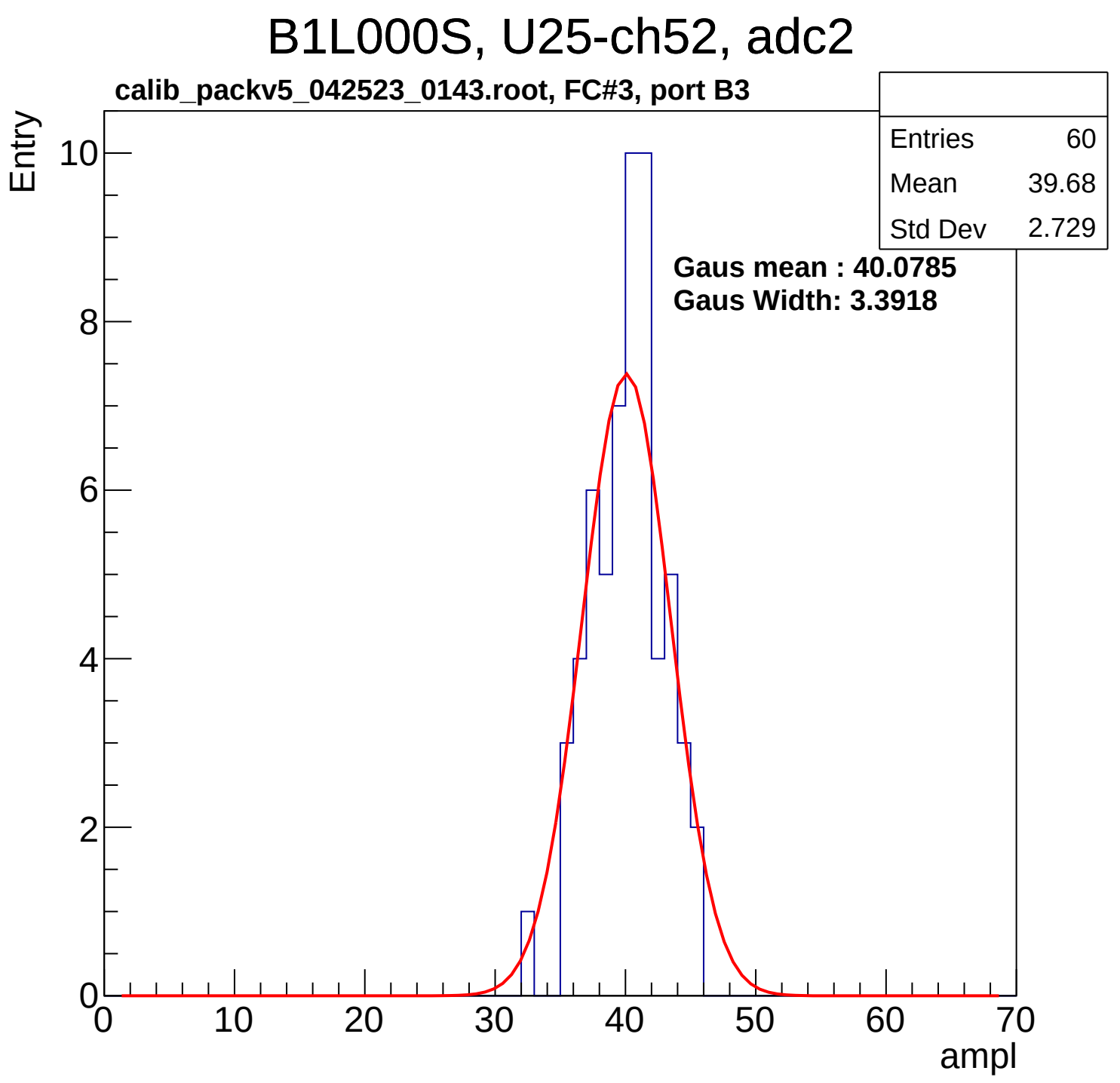
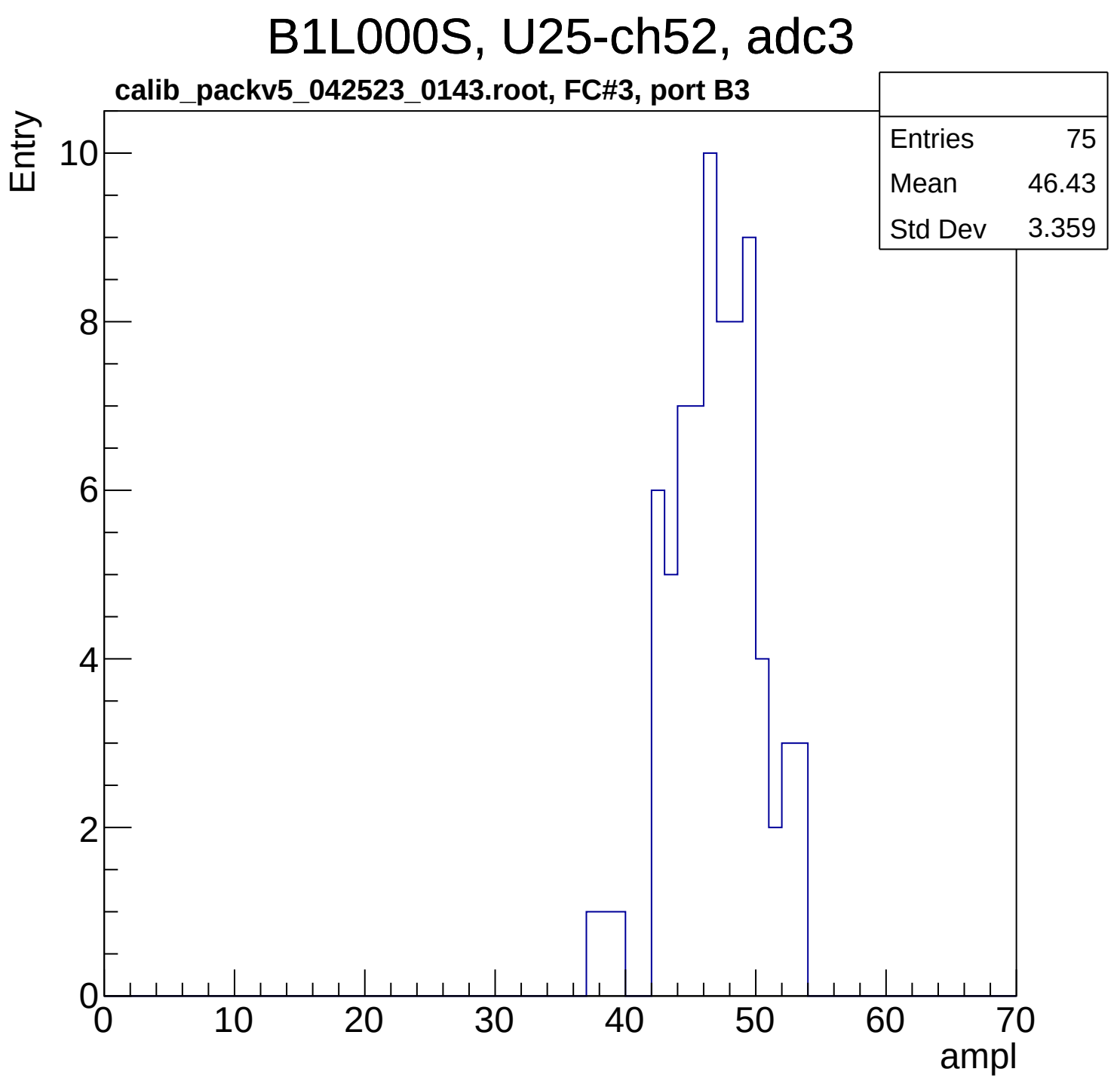

B1L000S, U25-ch52, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 39.68
Std Dev 2.729
Gaus mean : 40.0785
Gaus Width: 3.3918
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch52, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 46.43
Std Dev 3.359
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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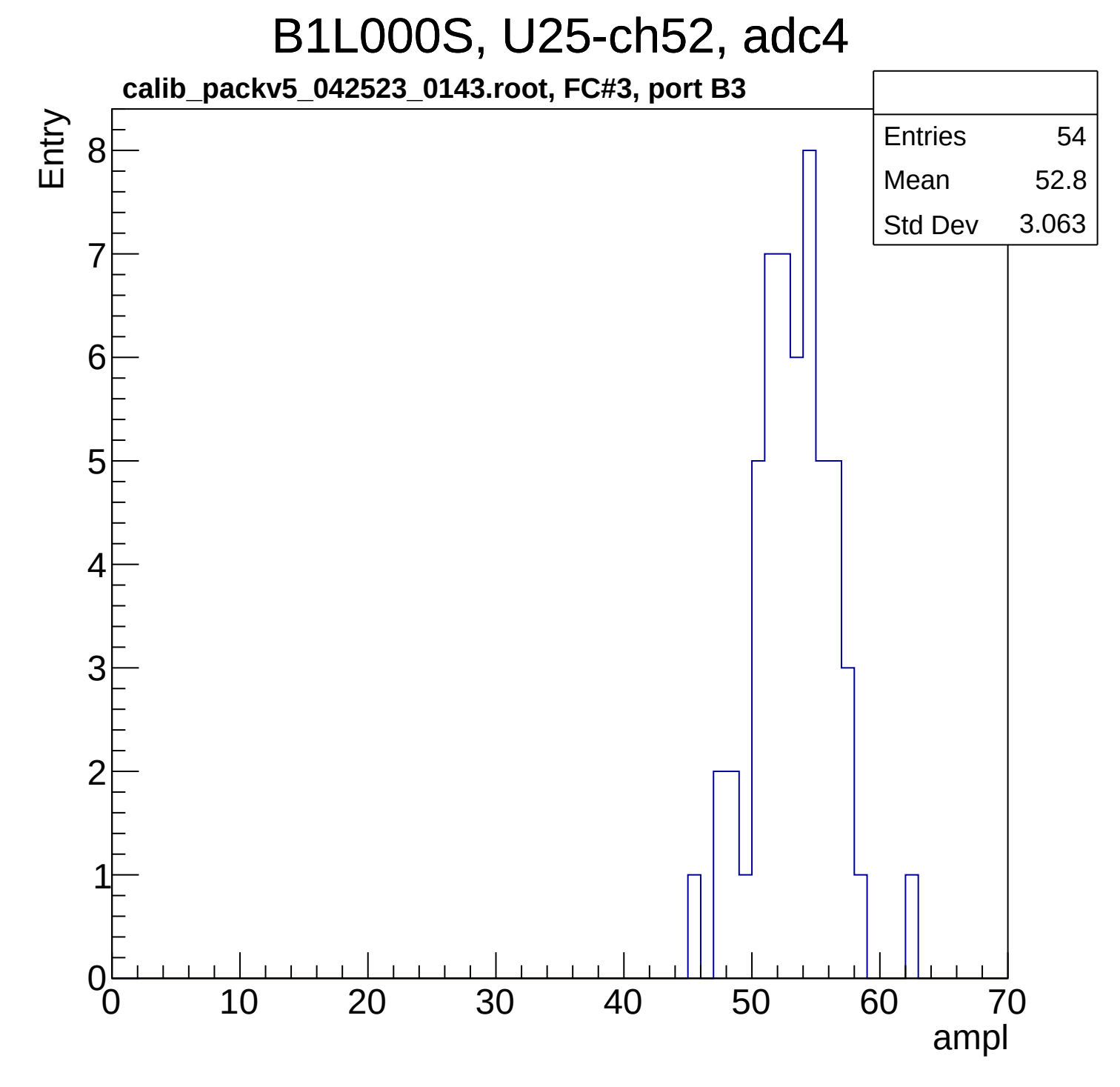
B1L000S, U25-ch52, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 52.8
Std Dev 3.063
Entry
ampl
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2
3
4
5
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7
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0
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60
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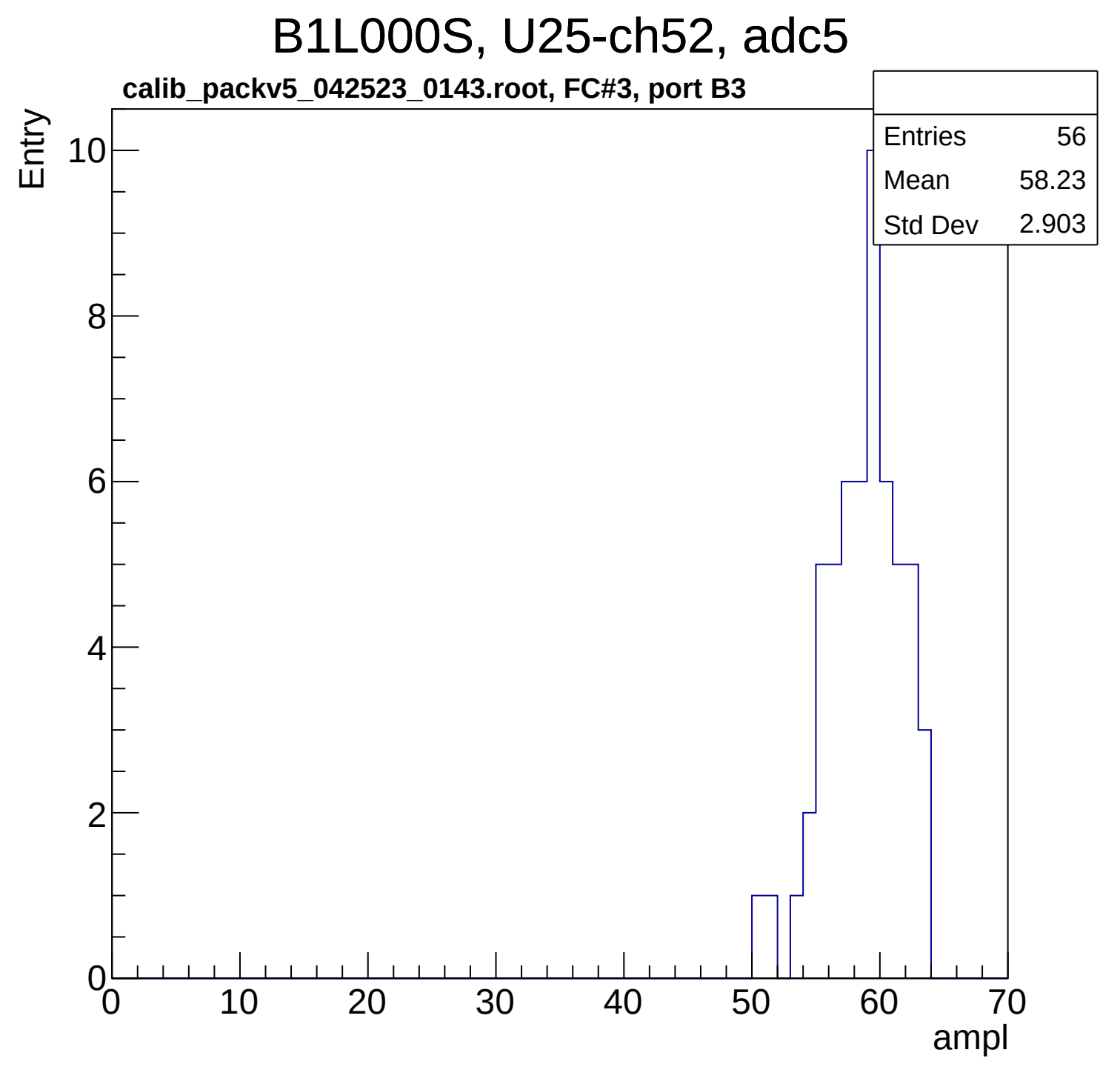
B1L000S, U25-ch52, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 58.23
Std Dev 2.903
Entry
ampl
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2
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0
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40
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60
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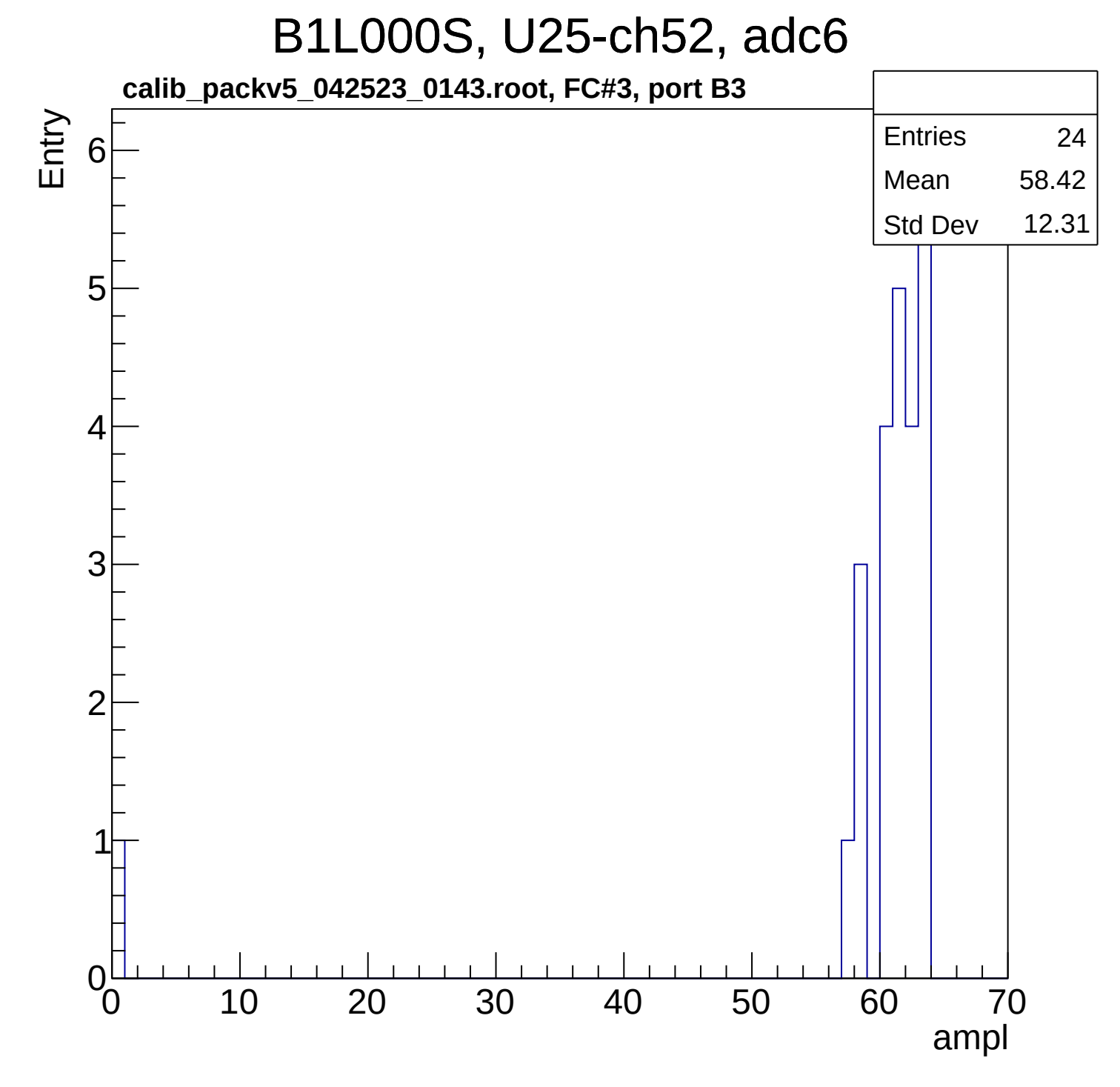
B1L000S, U25-ch52, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 24
Mean 58.42
Std Dev 12.31
Entry
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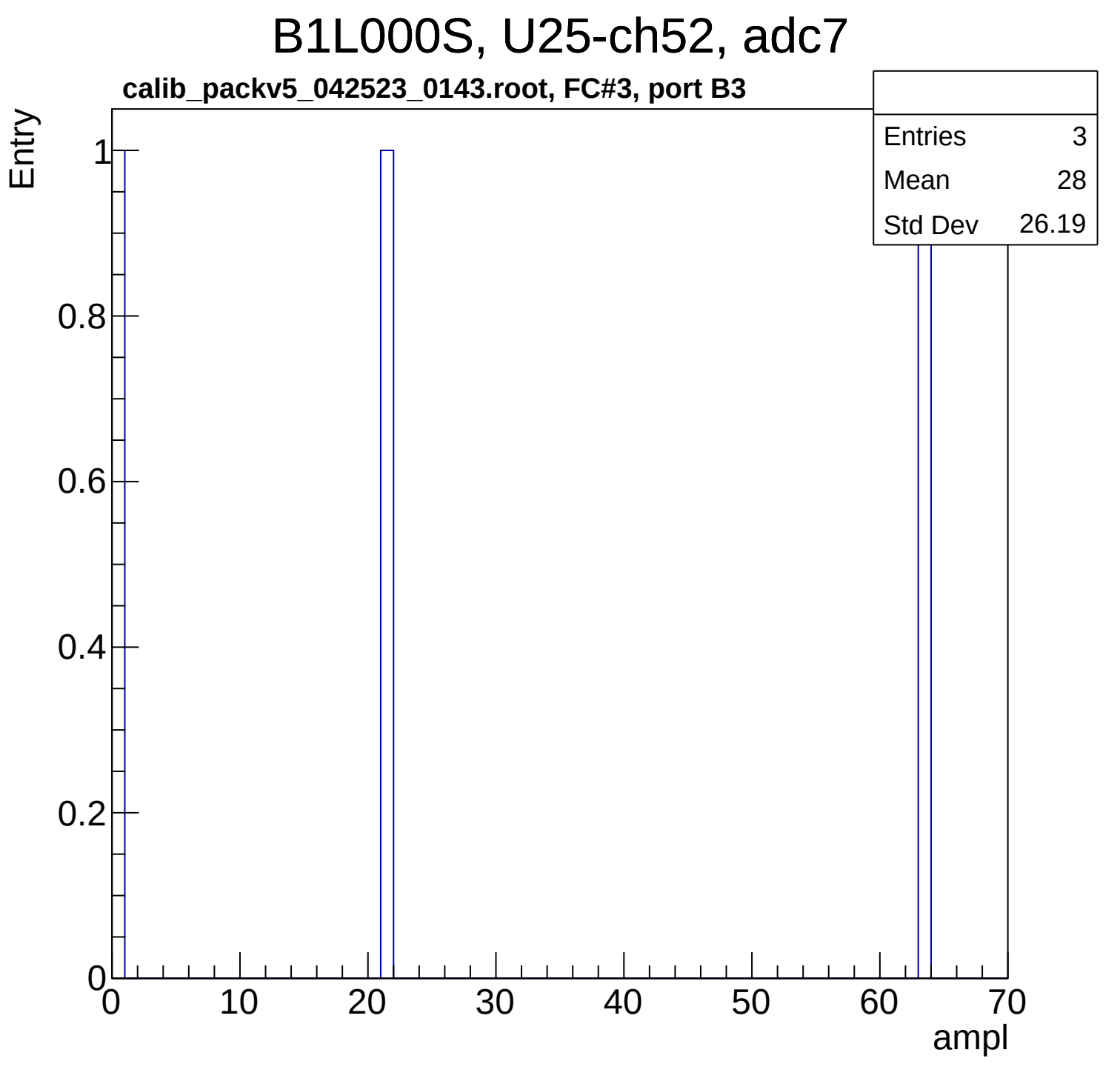
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch52, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 28
Std Dev 26.19
Entry
ampl
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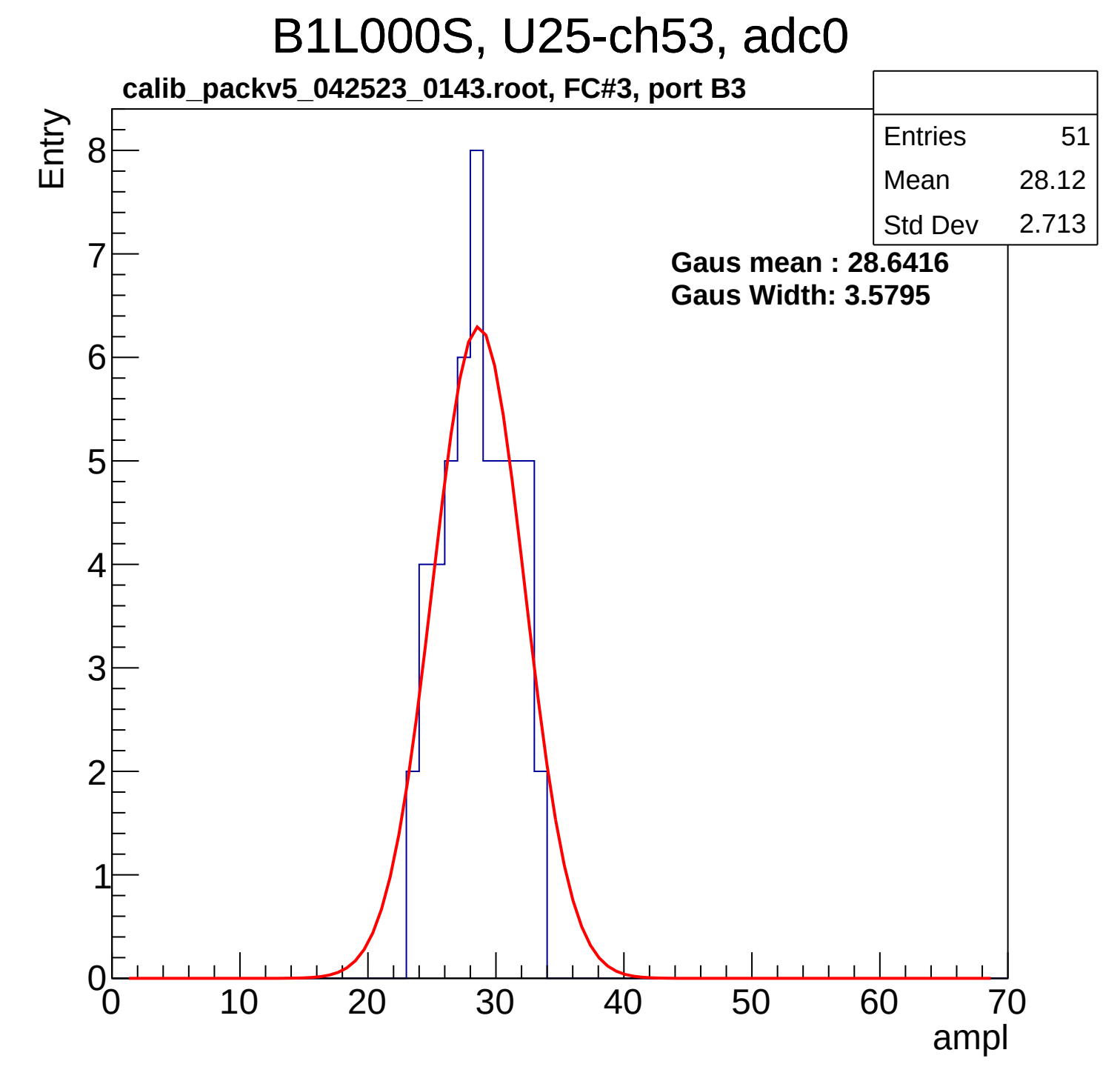
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L000S, U25-ch53, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 28.12
Std Dev 2.713
Gaus mean : 28.6416
Gaus Width: 3.5795
Entry
ampl
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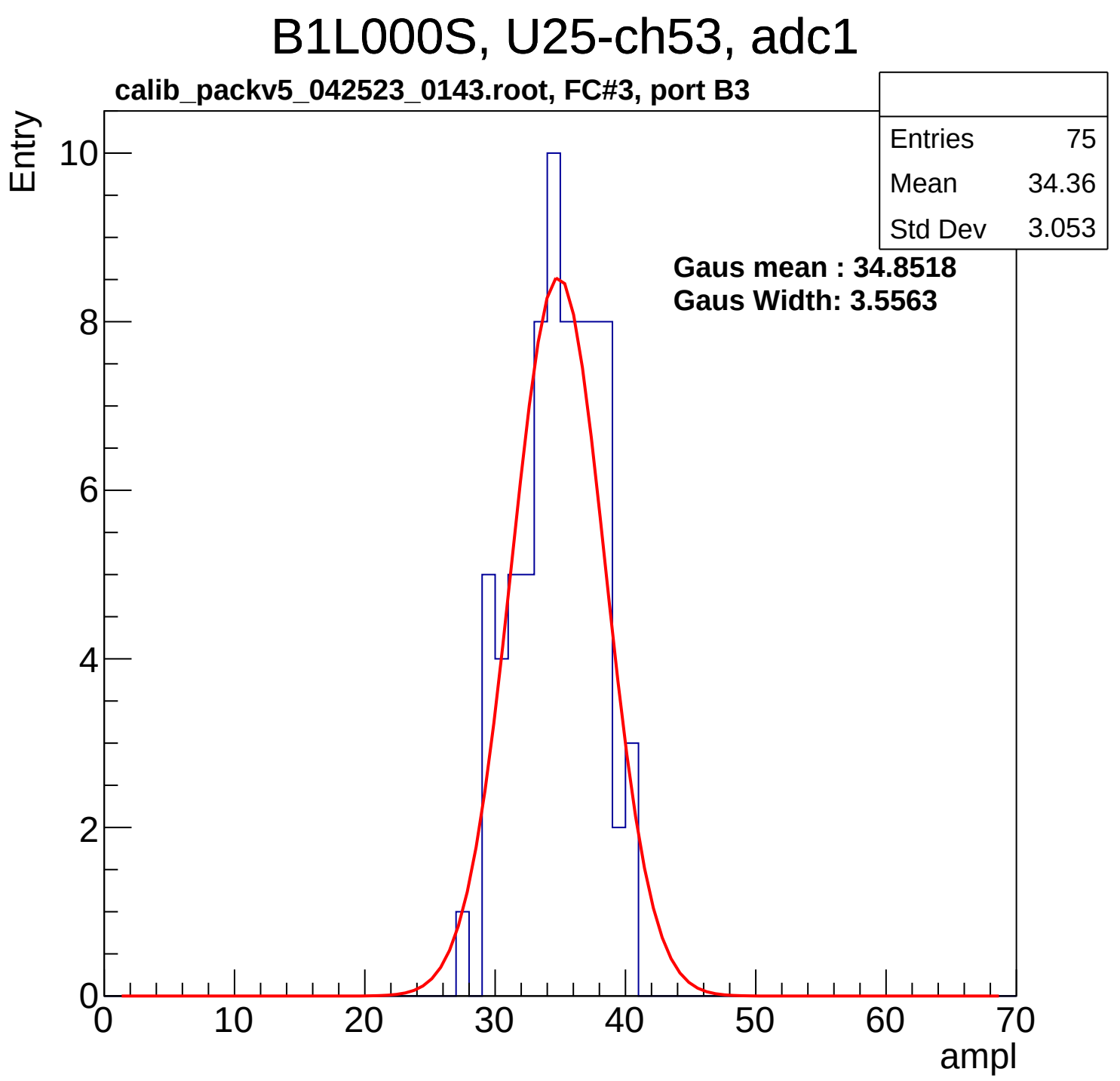
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch53, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 34.36
Std Dev 3.053
Gaus mean : 34.8518
Gaus Width: 3.5563
Entry
ampl
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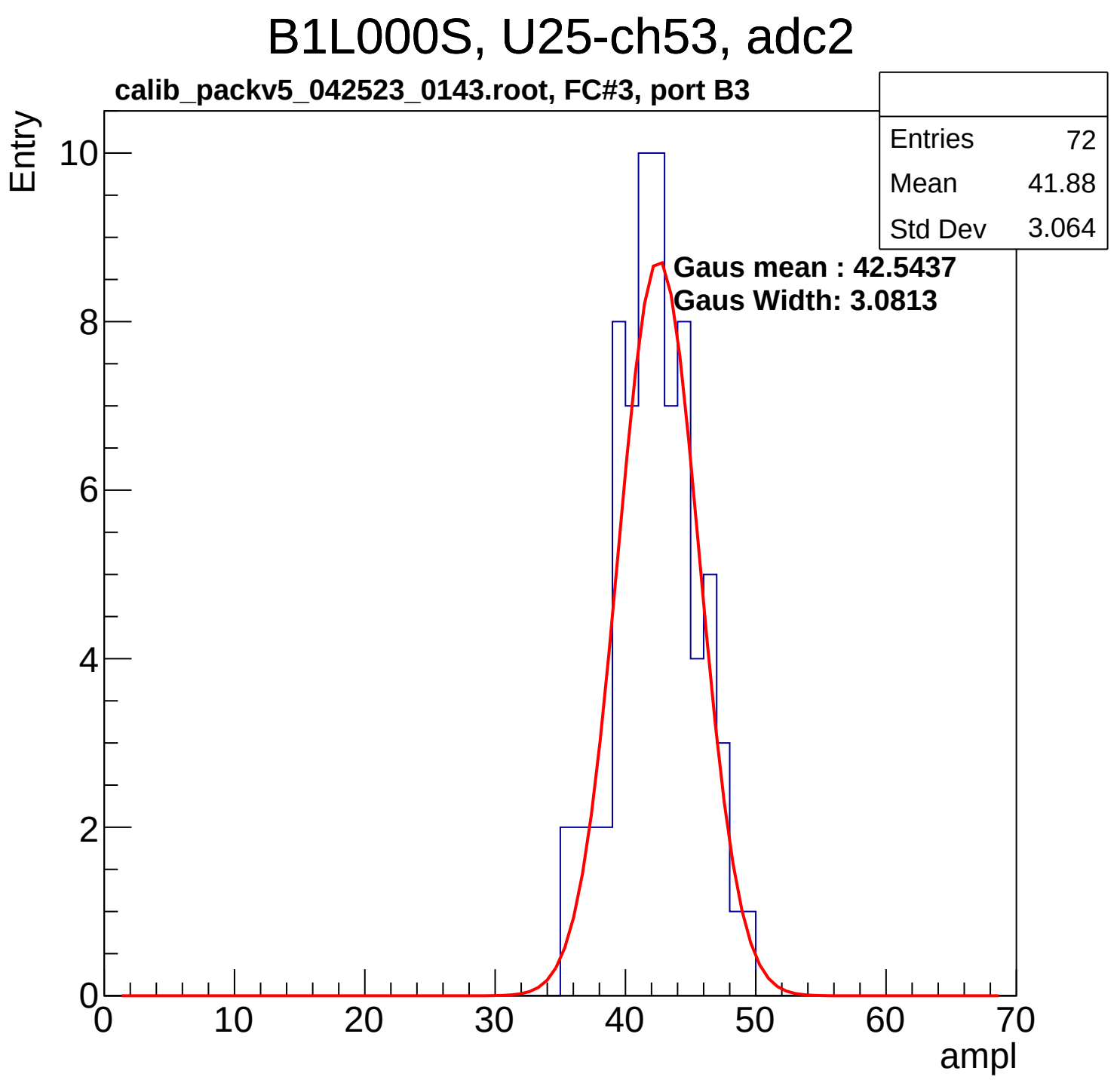
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch53, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 41.88
Std Dev 3.064
Gaus mean : 42.5437
Gaus Width: 3.0813
Entry
ampl
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4
6
8
10
0
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30
40
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60
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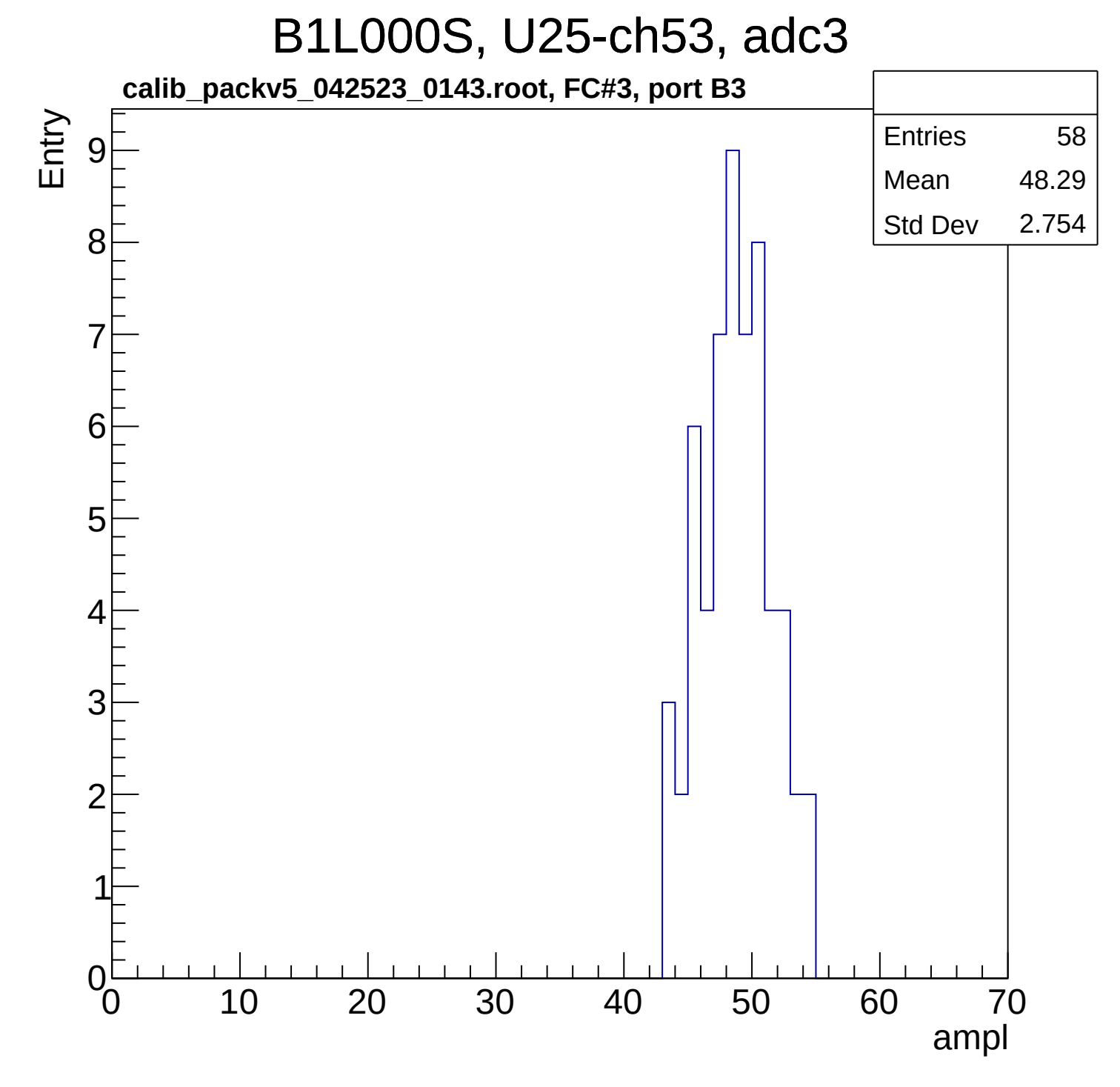
B1L000S, U25-ch53, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 48.29
Std Dev 2.754
Entry
ampl
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6
7
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0
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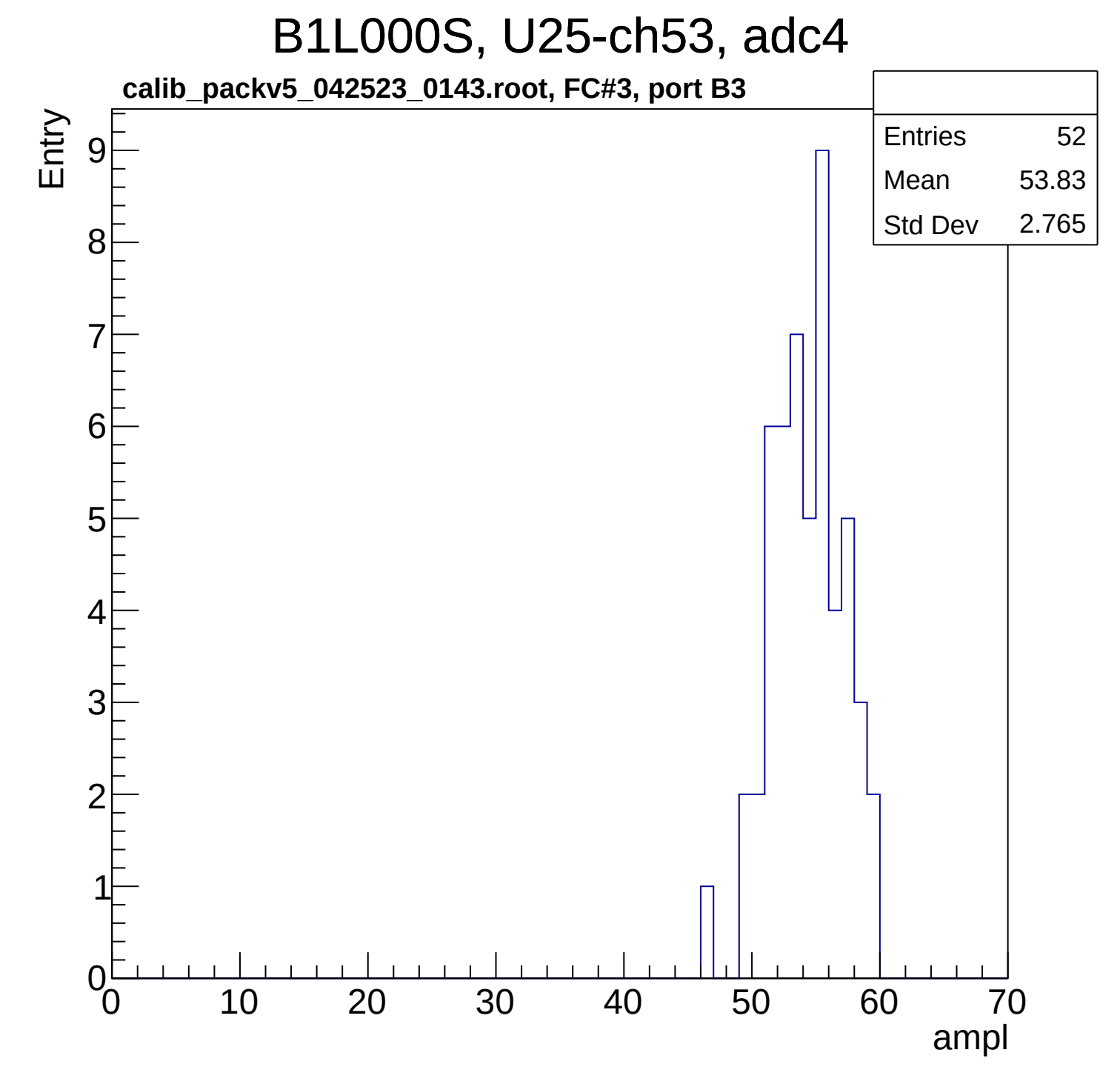
B1L000S, U25-ch53, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 53.83
Std Dev 2.765
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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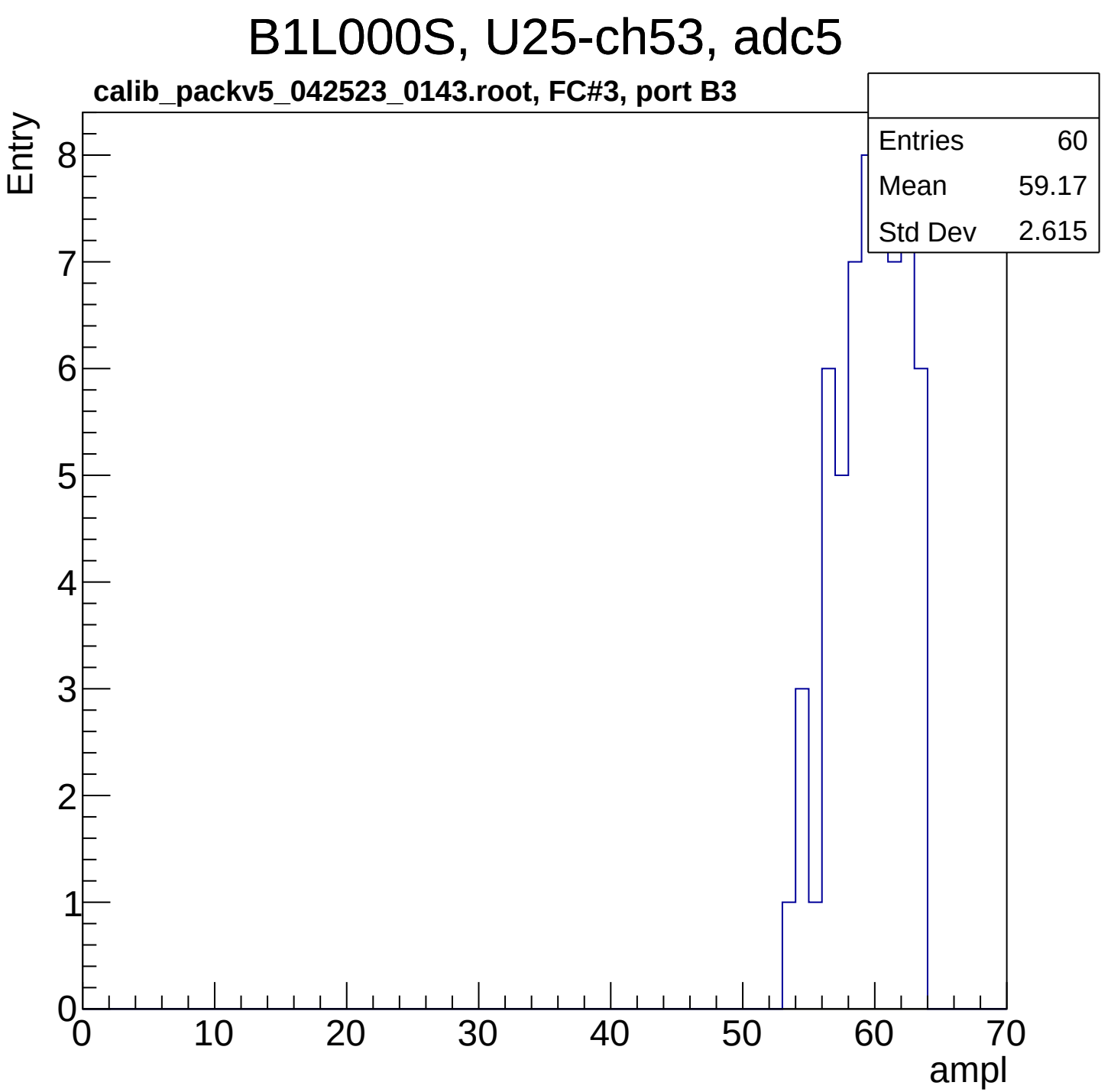
B1L000S, U25-ch53, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 59.17
Std Dev 2.615
Entry
ampl
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4
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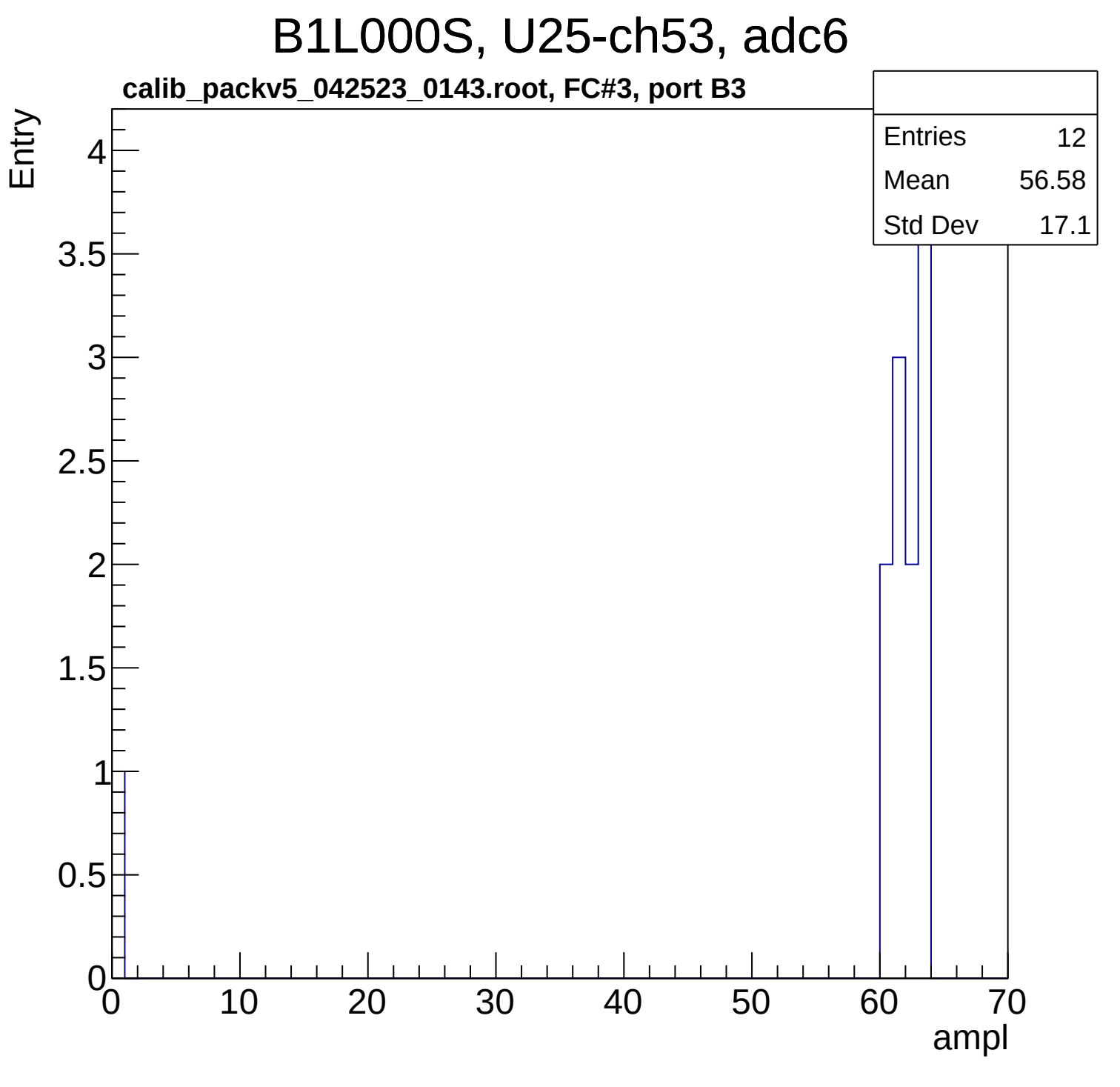
B1L000S, U25-ch53, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 56.58
Std Dev 17.1
Entry
ampl
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1.5
2
2.5
3
3.5
4
0
10
20
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40
50
60
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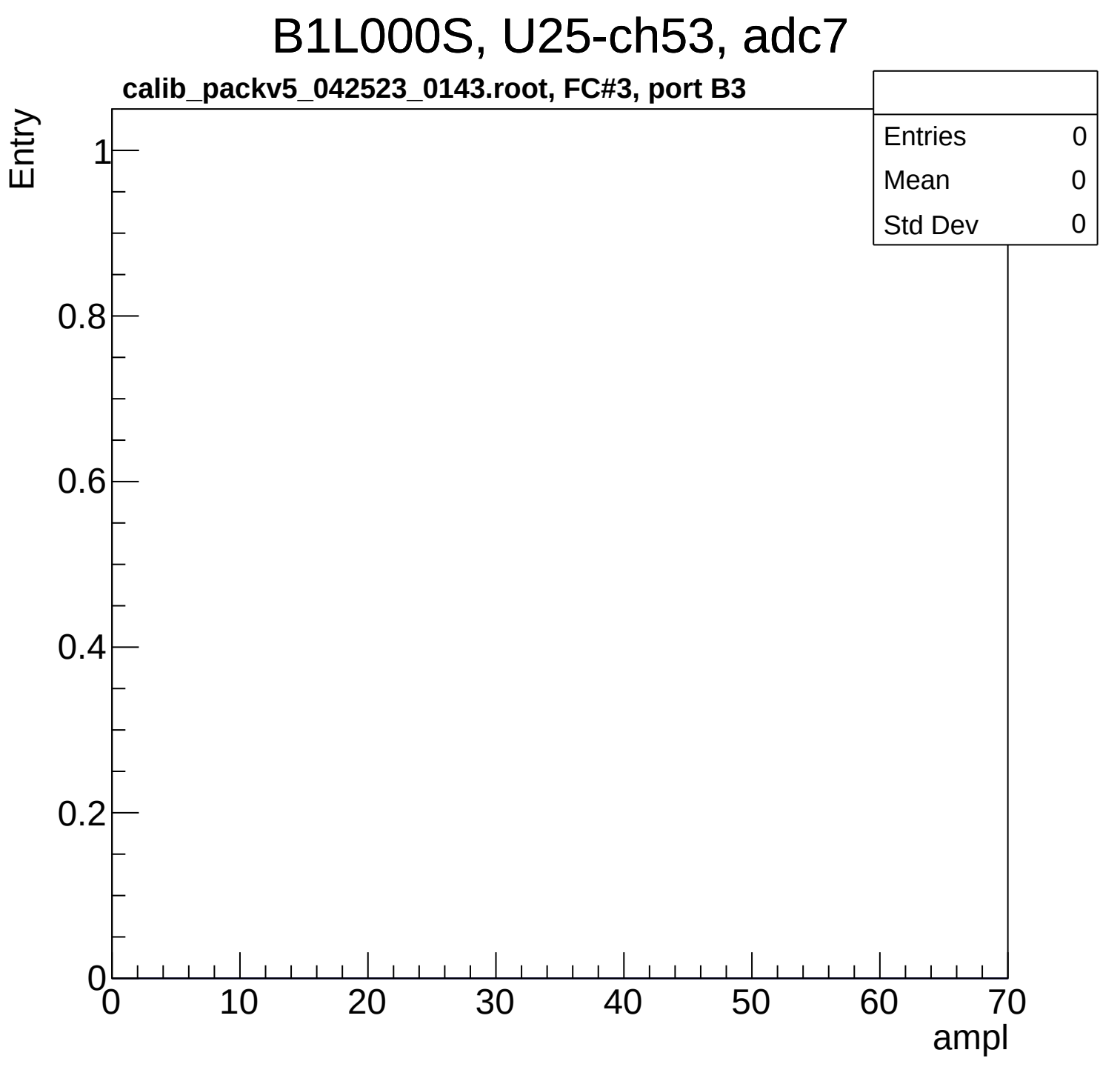
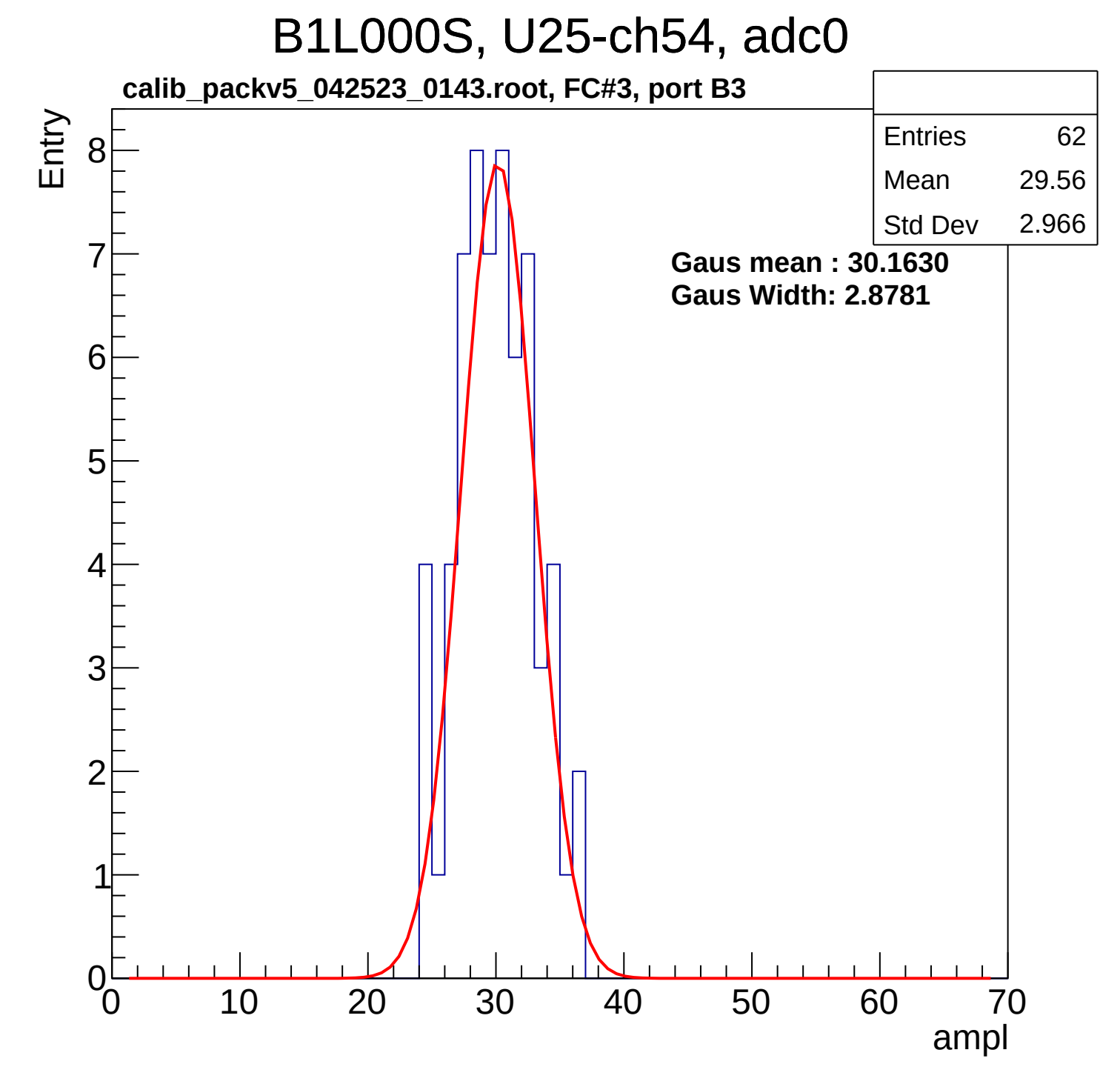

B1L000S, U25-ch53, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch54, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 29.56
Std Dev 2.966
Gaus mean : 30.1630
Gaus Width: 2.8781
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
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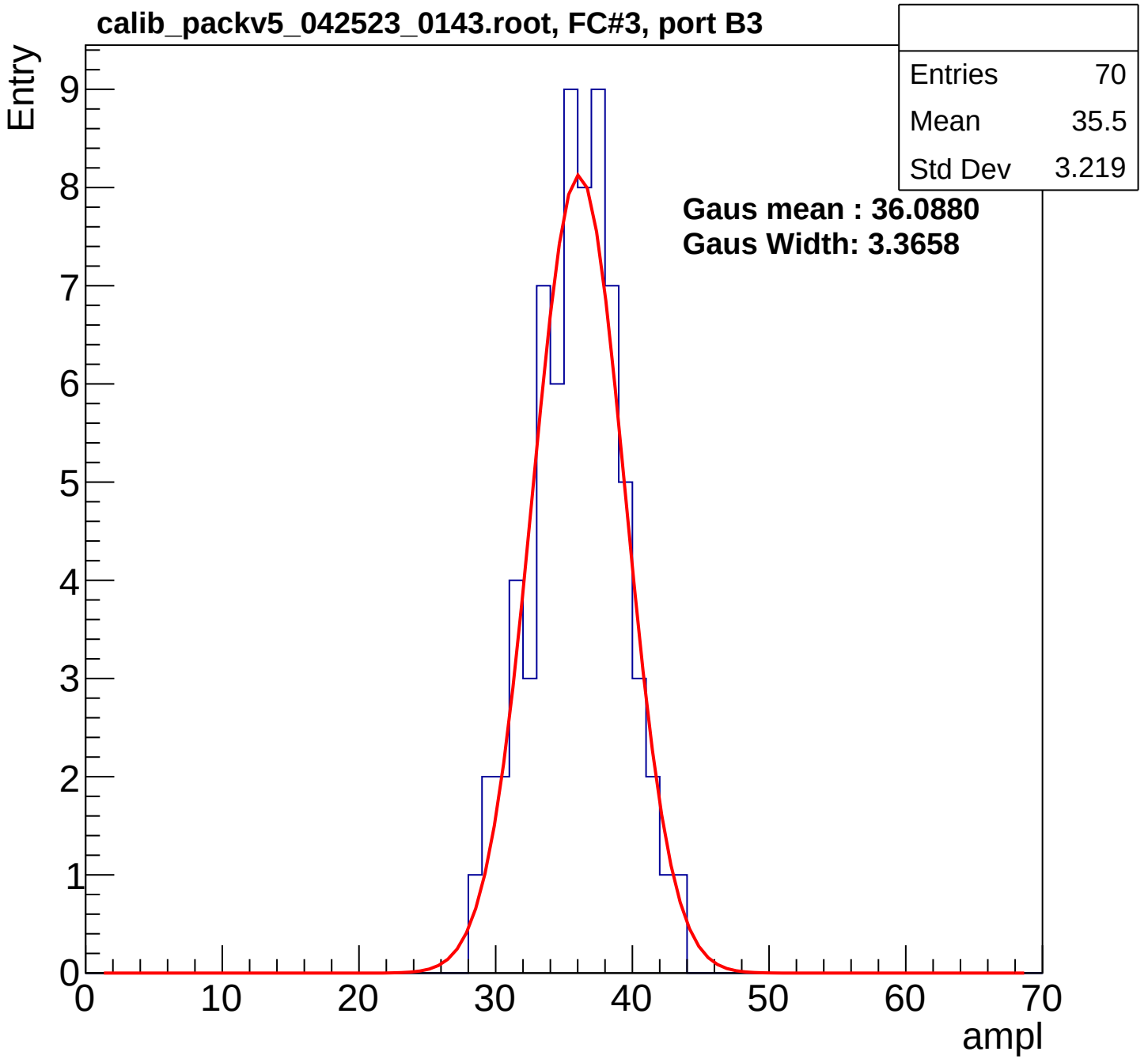
B1L000S, U25-ch54, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 35.5
Std Dev 3.219
Gaus mean : 36.0880
Gaus Width: 3.3658
Entry
ampl
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2
3
4
5
6
7
8
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0
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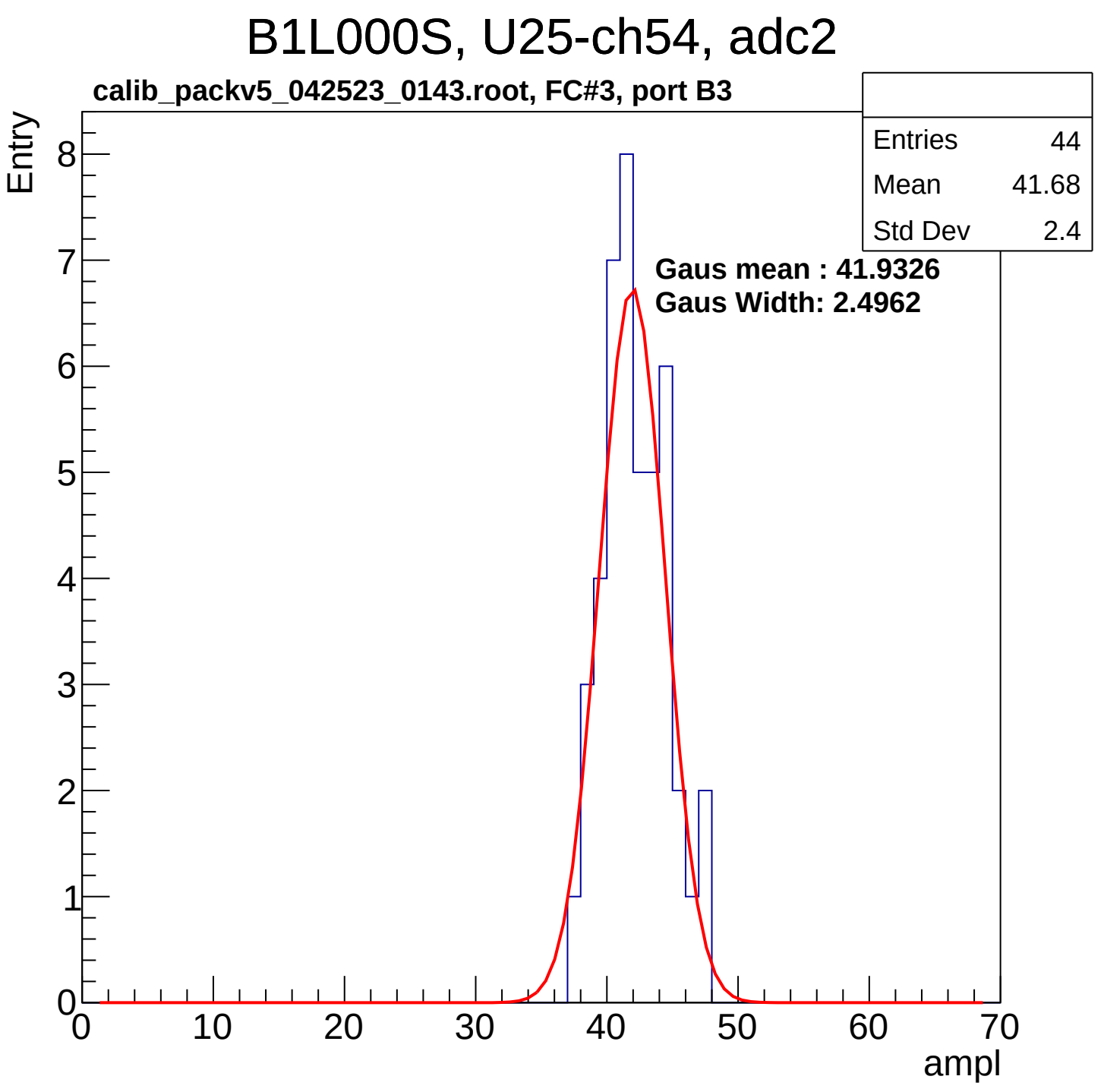
B1L000S, U25-ch54, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 41.68
Std Dev 2.4
Gaus mean : 41.9326
Gaus Width: 2.4962
Entry
ampl
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2
3
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5
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0
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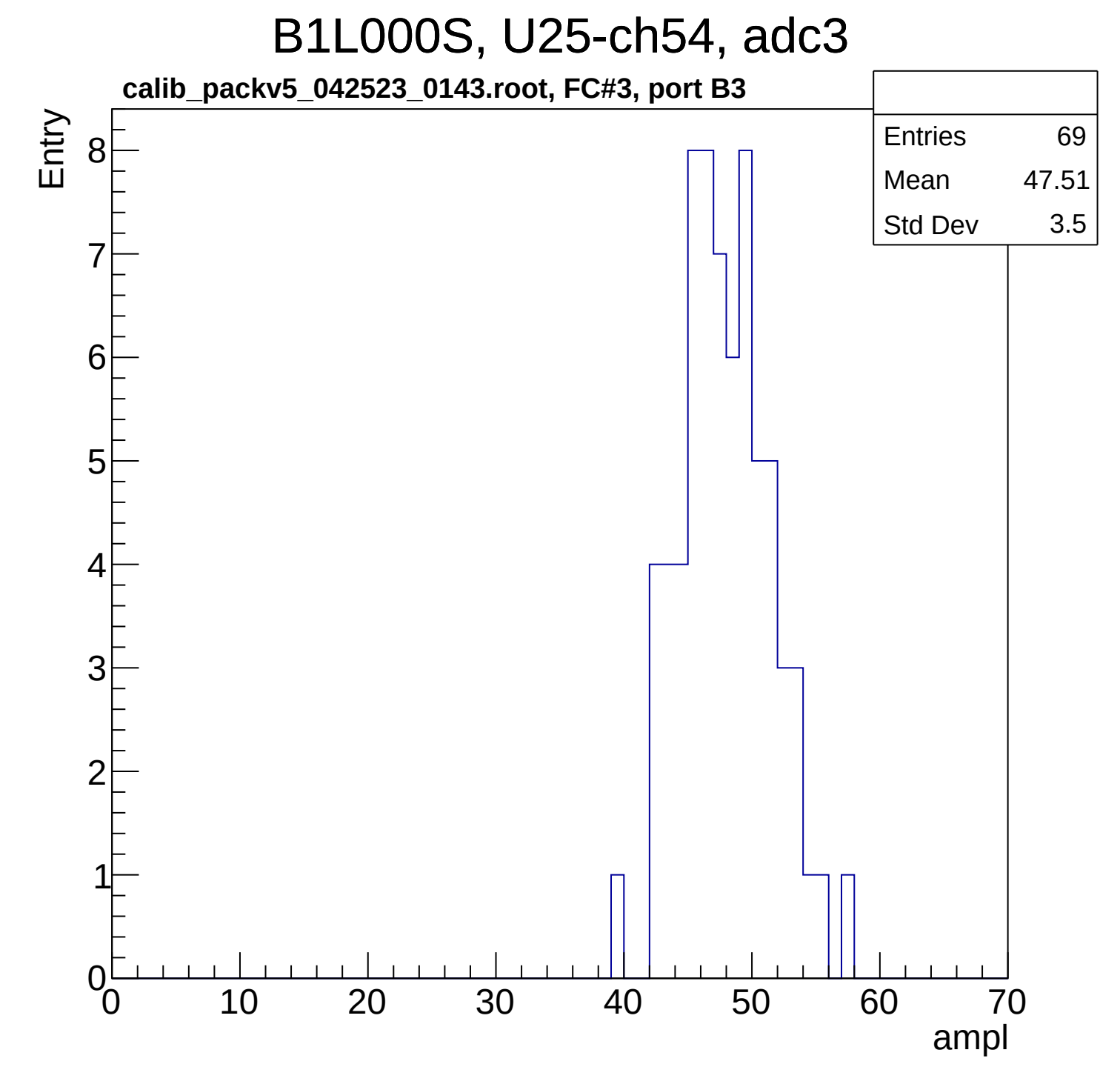
B1L000S, U25-ch54, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 47.51
Std Dev 3.5
Entry
ampl
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2
3
4
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0
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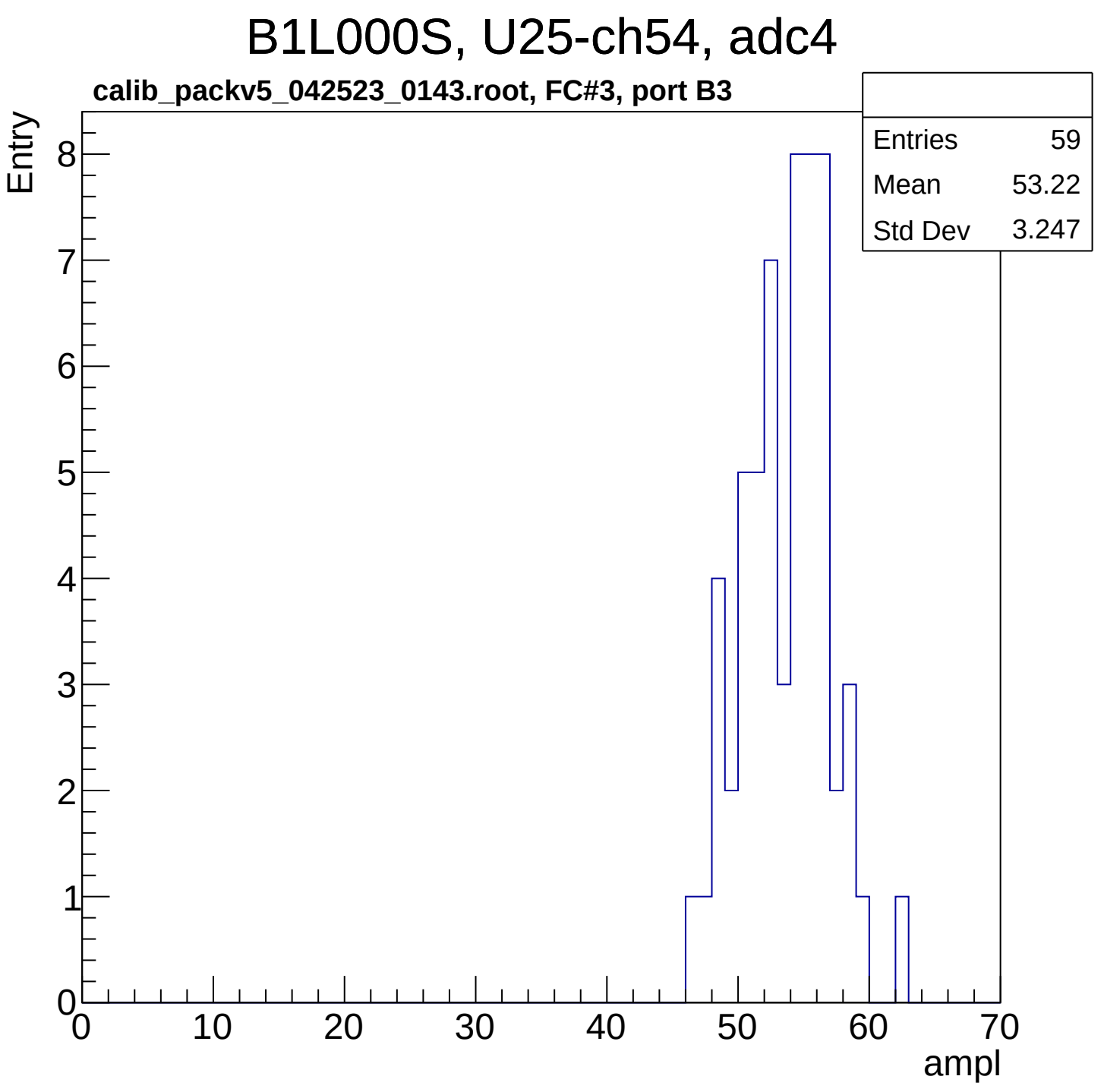
B1L000S, U25-ch54, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 53.22
Std Dev 3.247
Entry
ampl
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2
3
4
5
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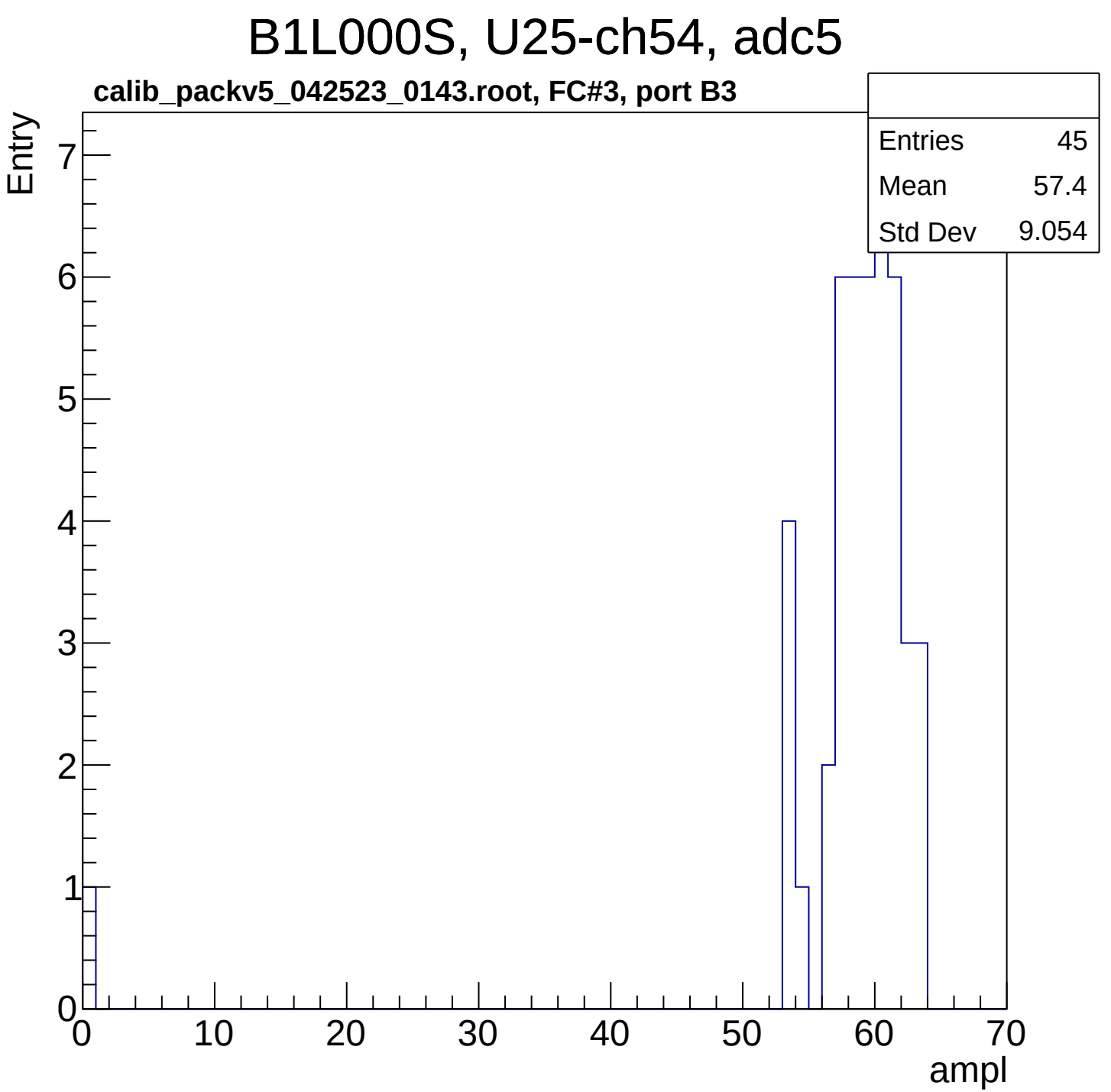
B1L000S, U25-ch54, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 57.4
Std Dev 9.054
Entry
ampl
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1
2
3
4
5
6
7
0
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60
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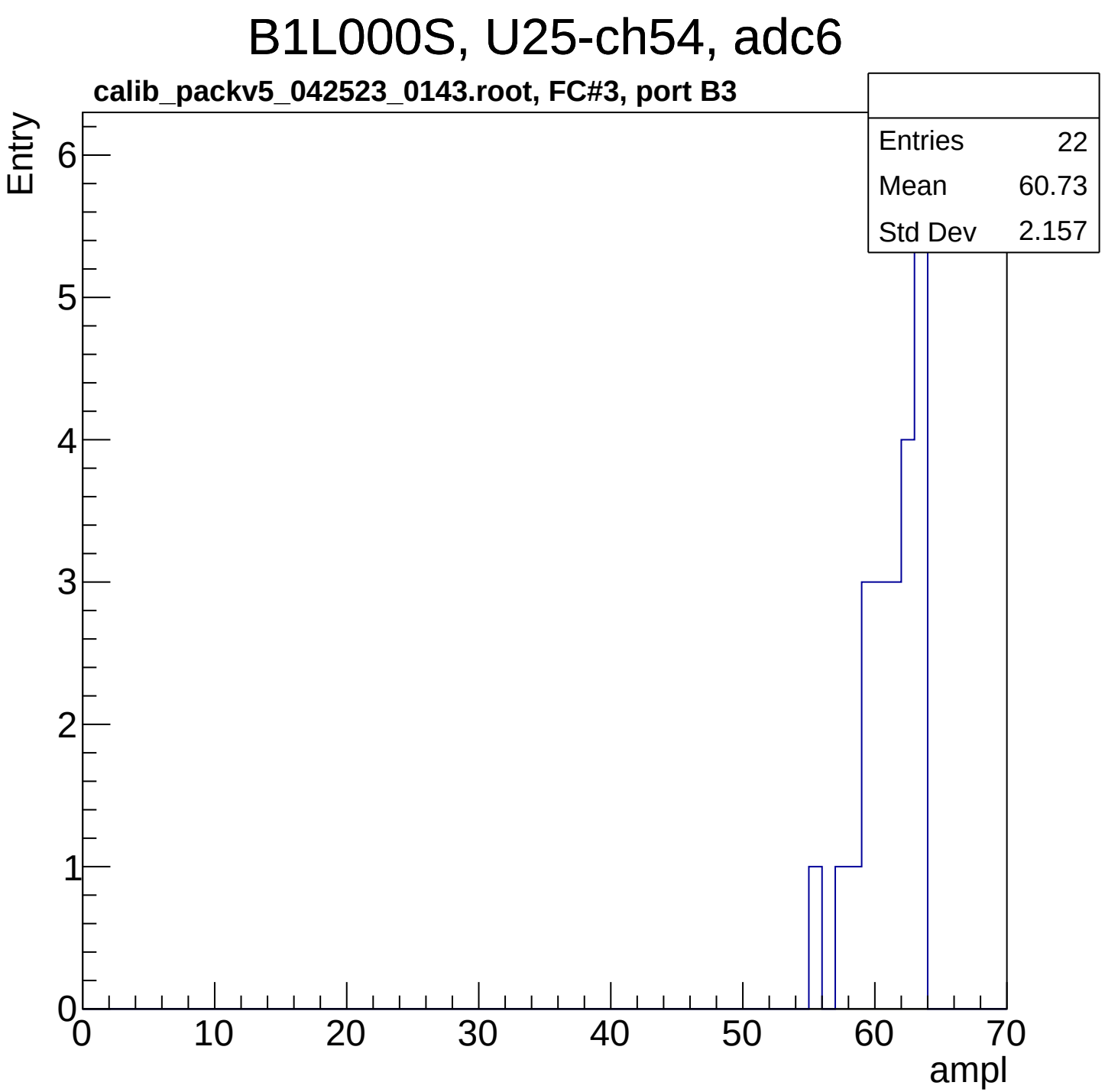
B1L000S, U25-ch54, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 22
Mean 60.73
Std Dev 2.157
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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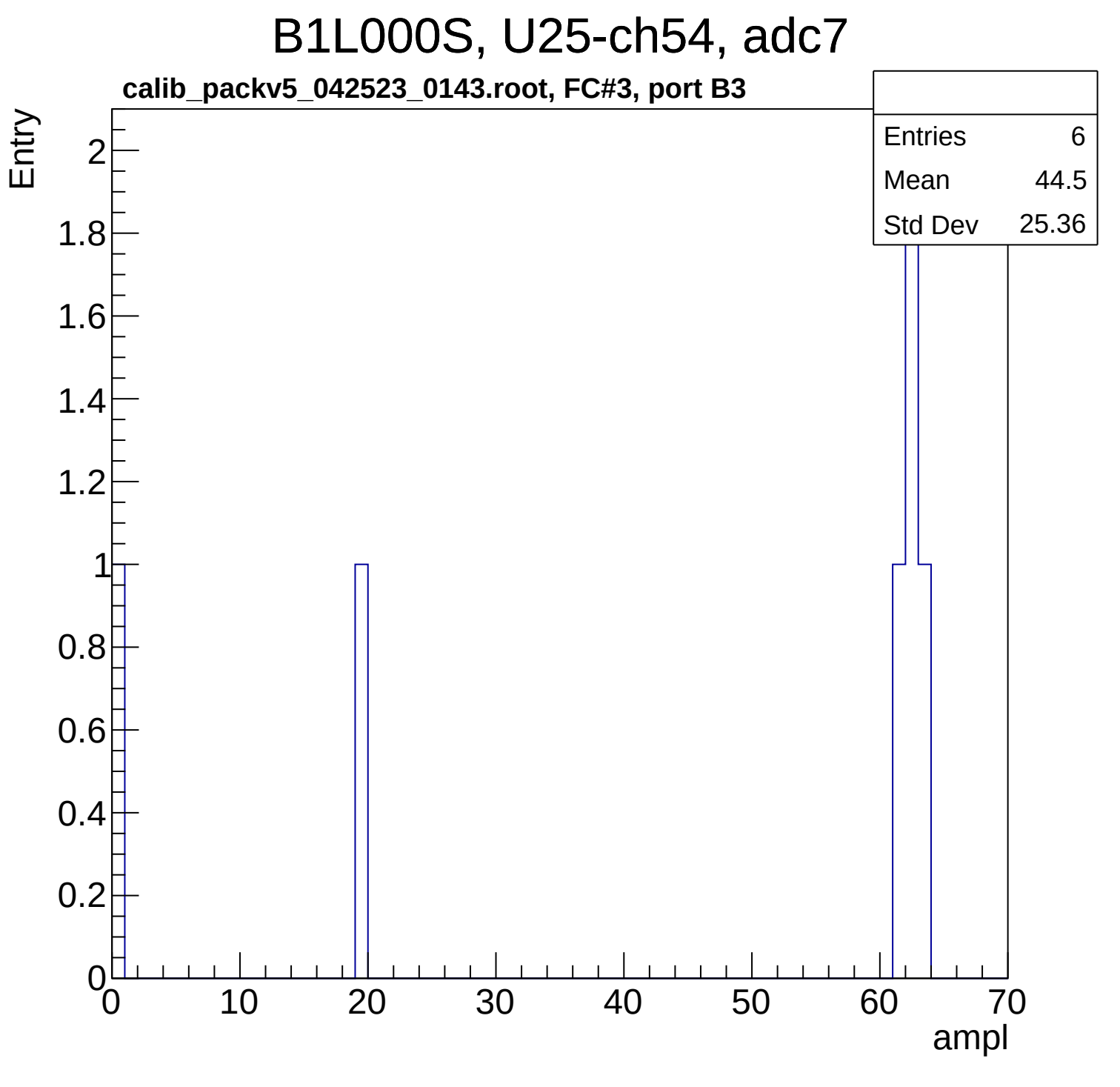
B1L000S, U25-ch54, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 44.5
Std Dev 25.36
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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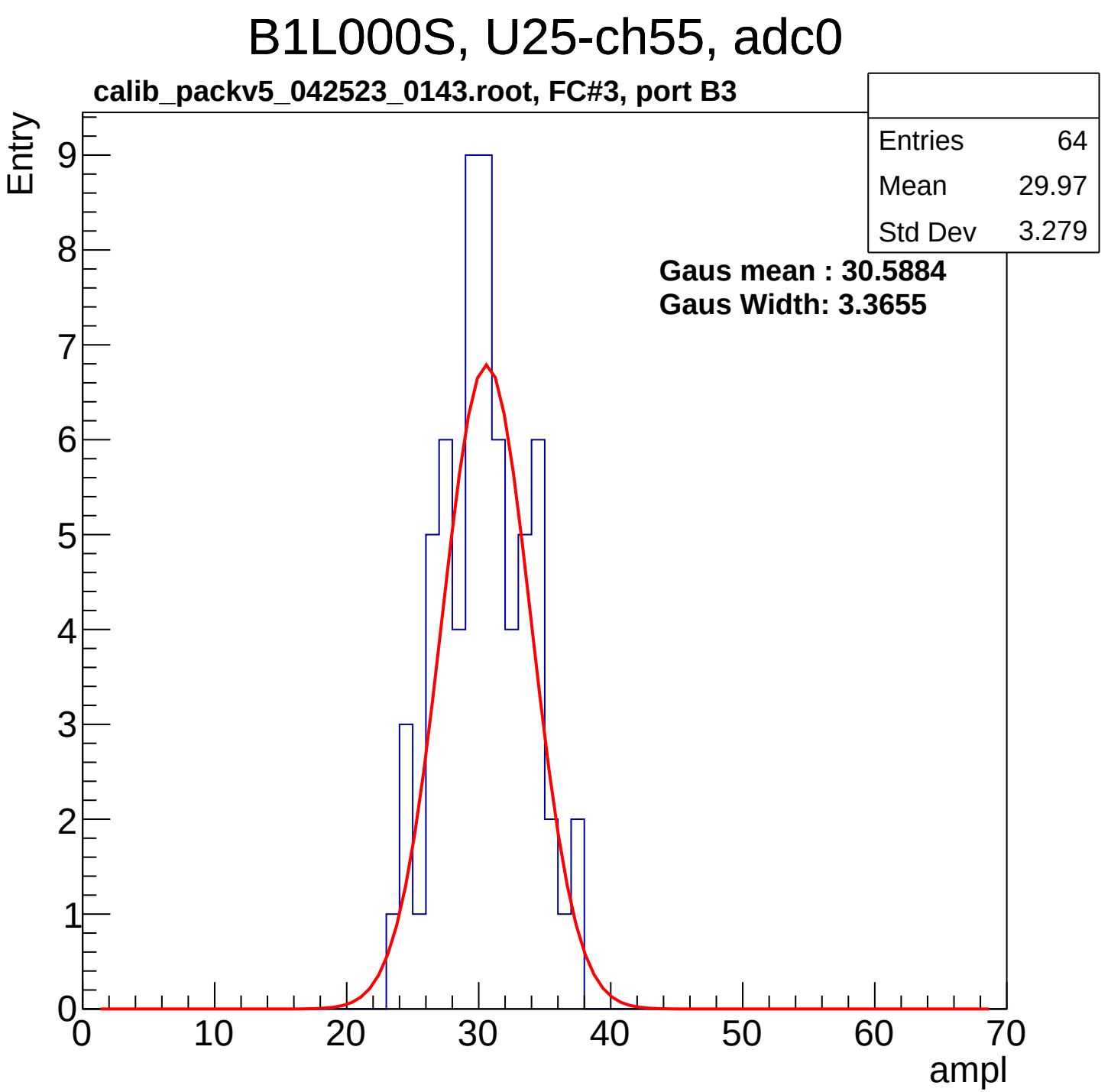
B1L000S, U25-ch55, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 29.97
Std Dev 3.279
Gaus mean : 30.5884
Gaus Width: 3.3655
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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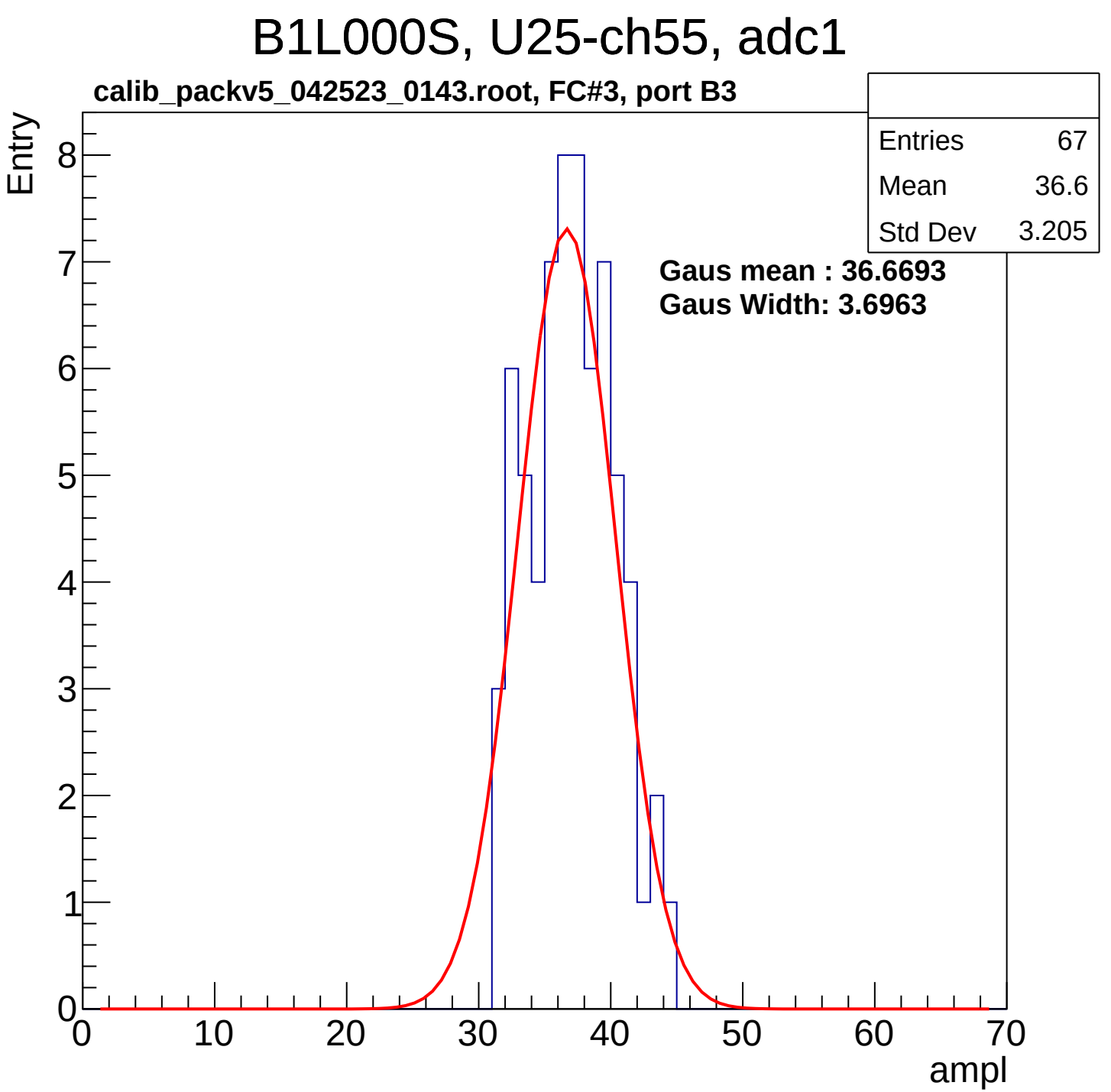
B1L000S, U25-ch55, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 36.6
Std Dev 3.205
Gaus mean : 36.6693
Gaus Width: 3.6963
Entry
ampl
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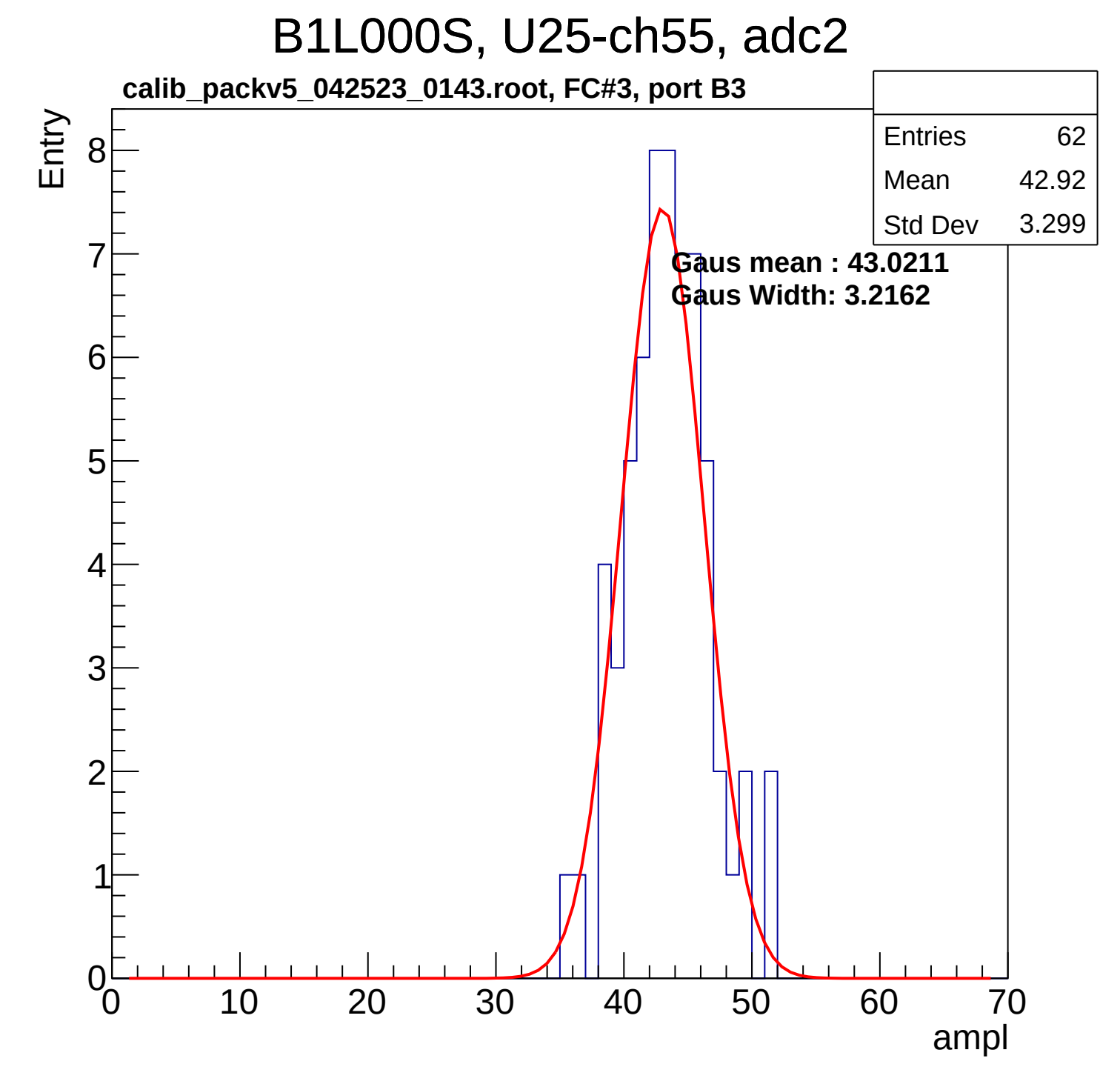
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch55, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 42.92
Std Dev 3.299
Gaus mean : 43.0211
Gaus Width: 3.2162
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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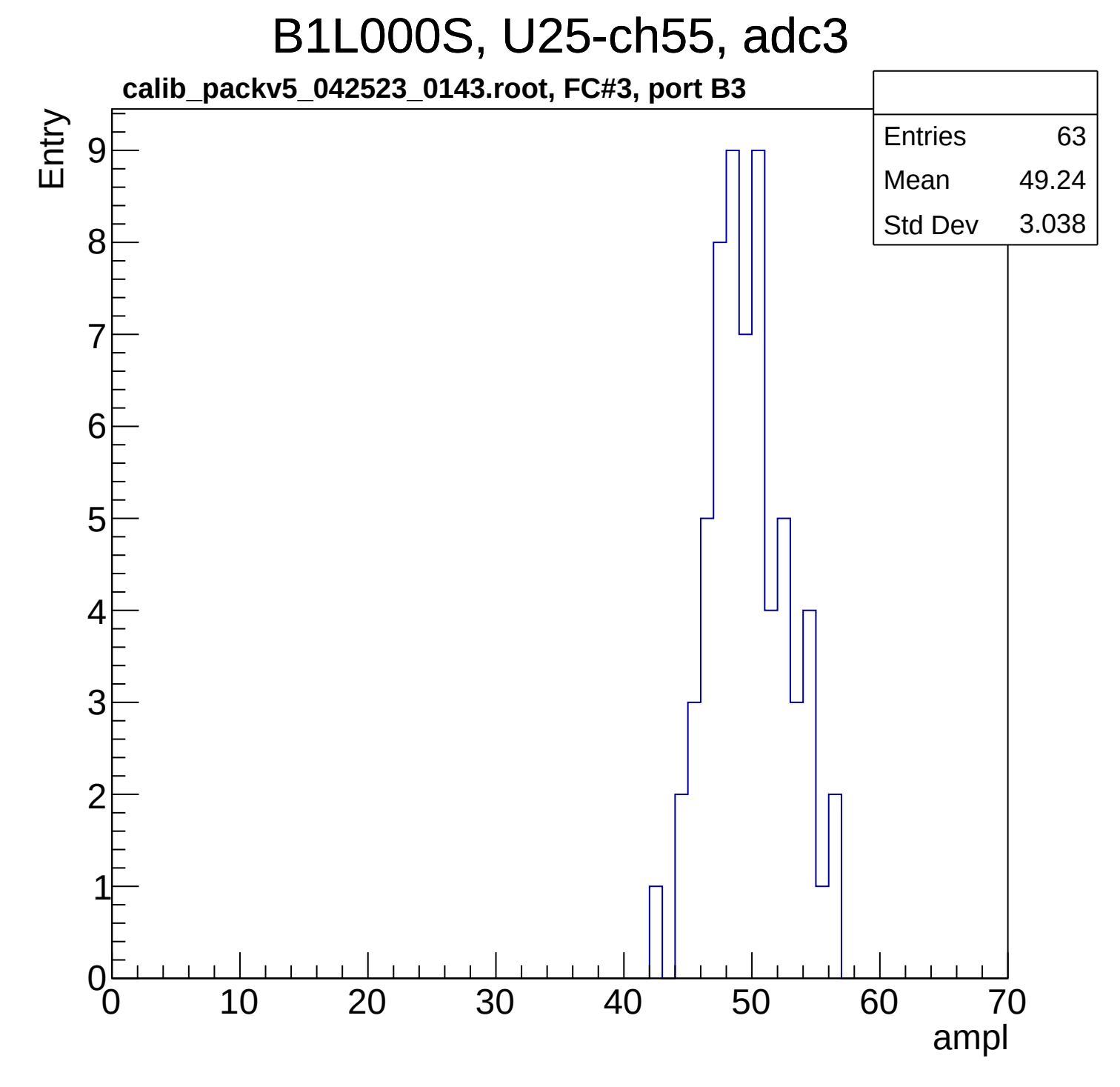
B1L000S, U25-ch55, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 49.24
Std Dev 3.038
Entry
ampl
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3
4
5
6
7
8
9
0
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60
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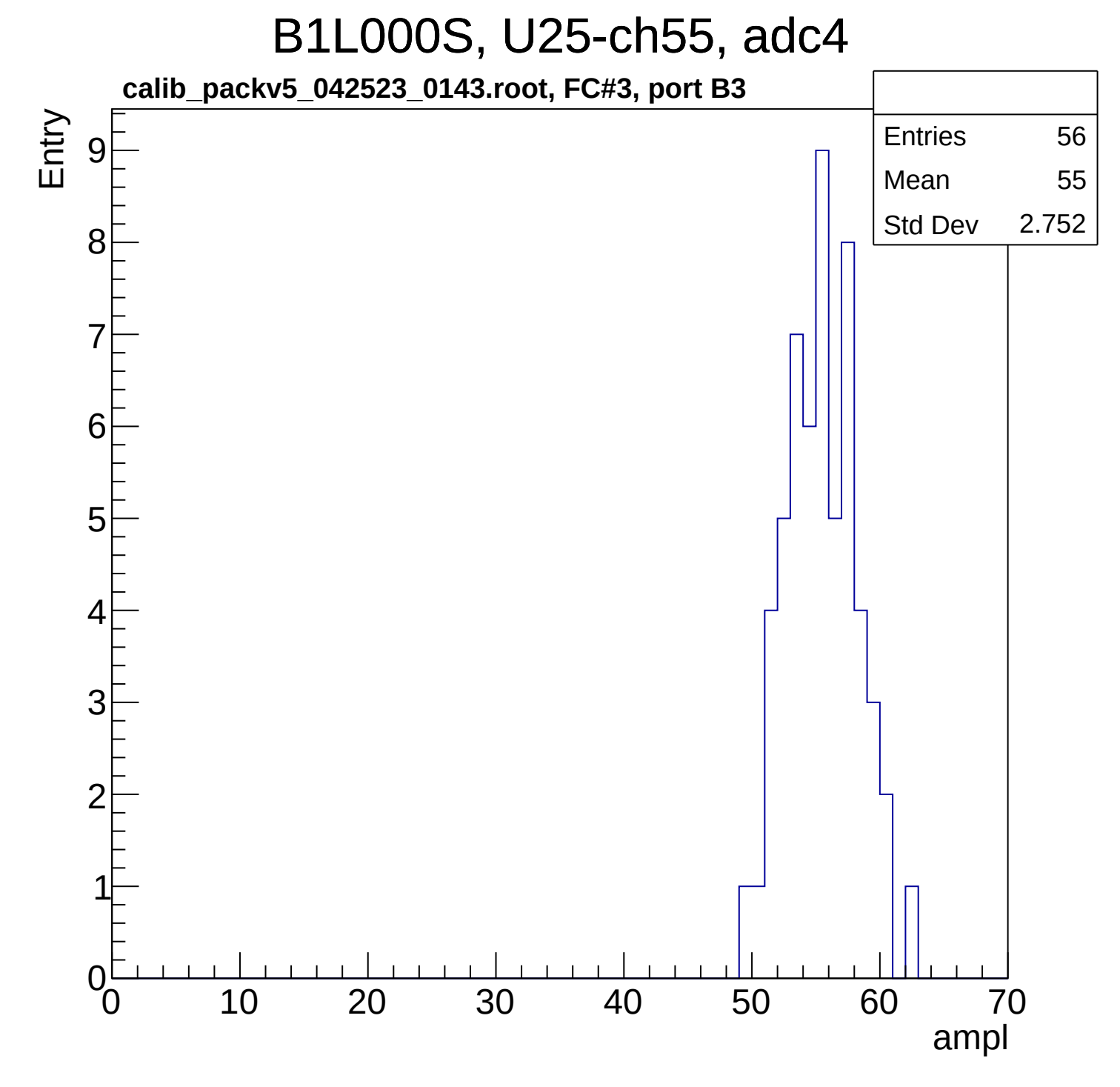
B1L000S, U25-ch55, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 55
Std Dev 2.752
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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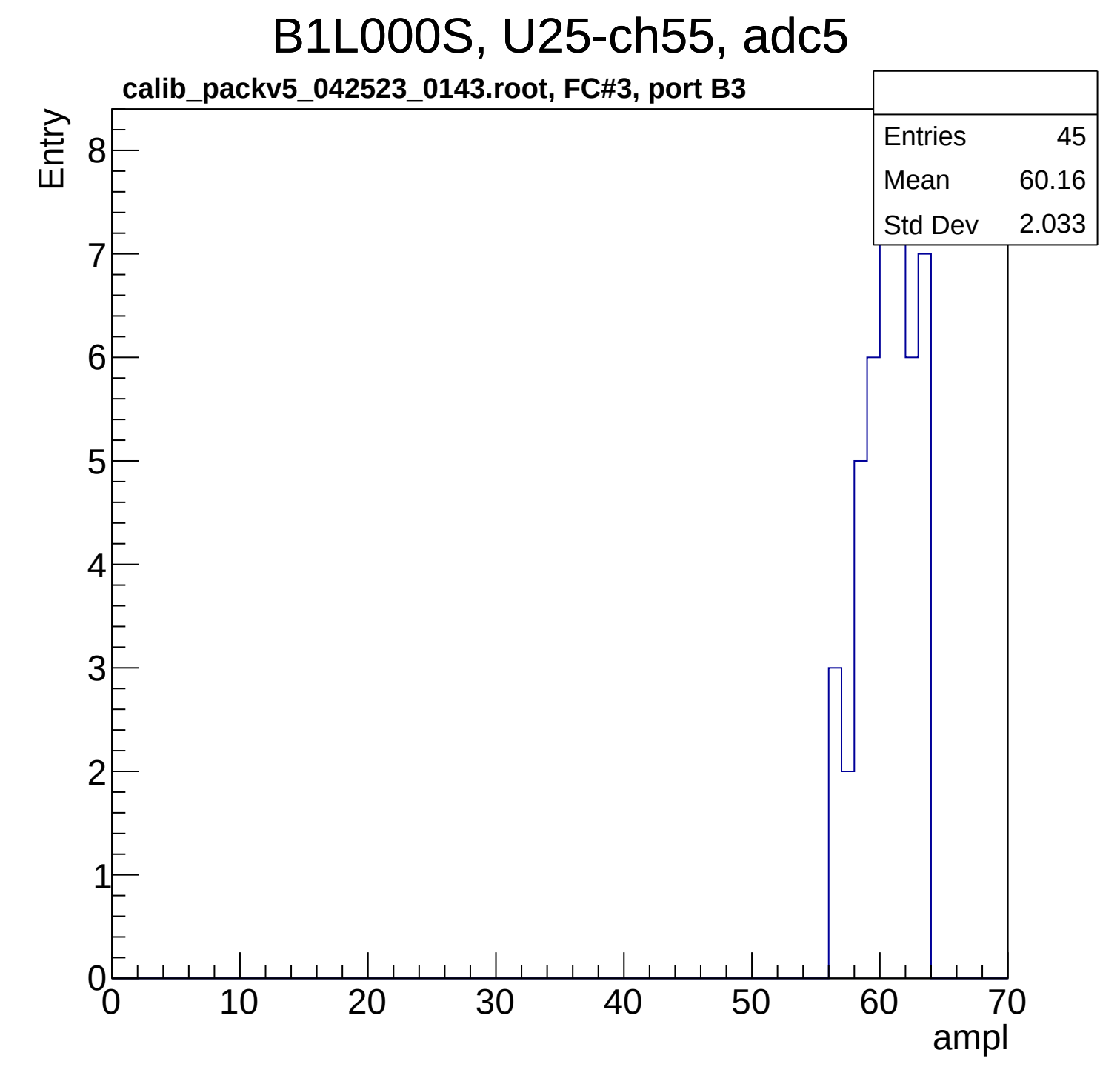
B1L000S, U25-ch55, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 60.16
Std Dev 2.033
Entry
ampl
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2
3
4
5
6
7
8
0
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40
50
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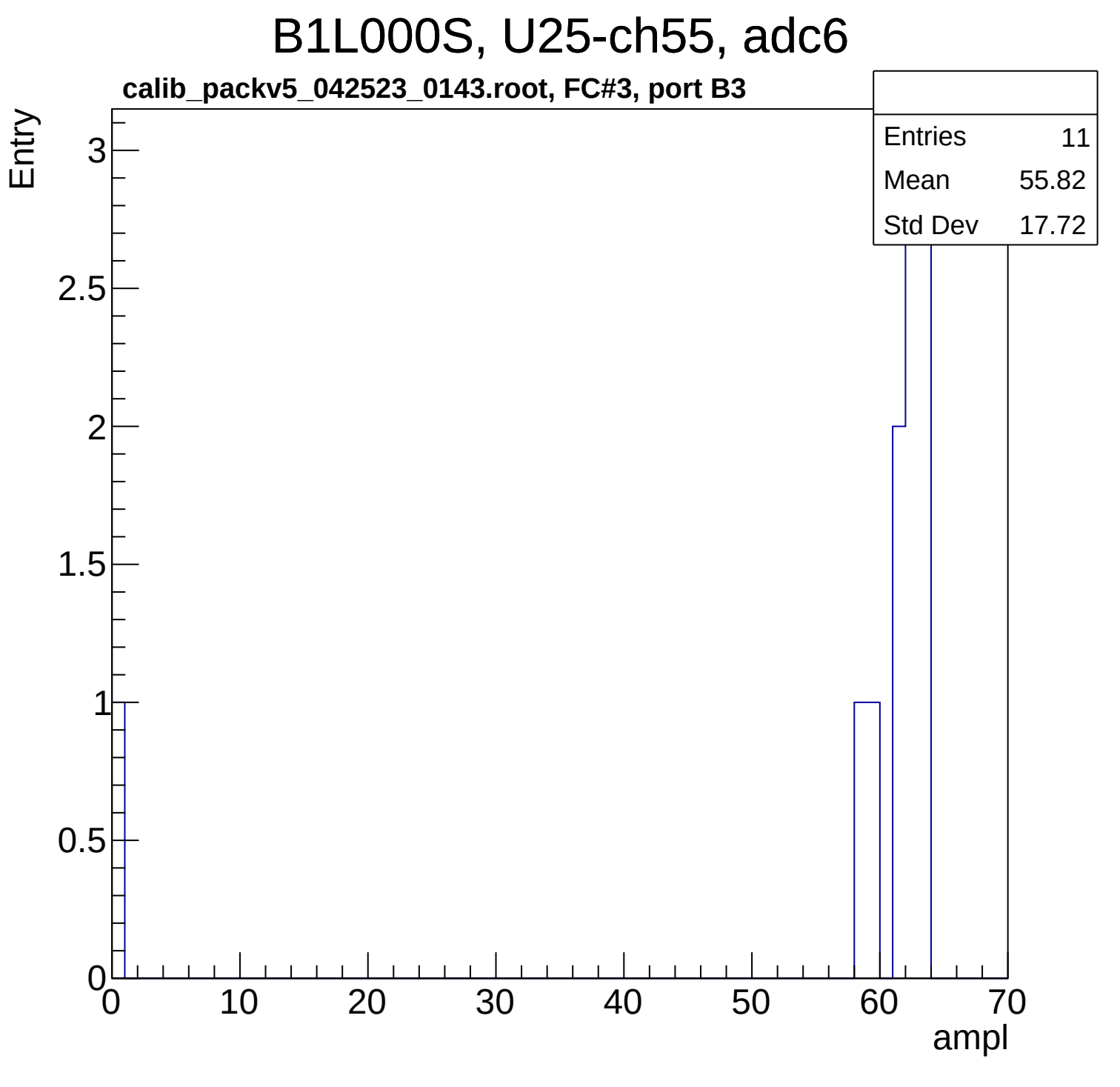
B1L000S, U25-ch55, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 55.82
Std Dev 17.72
Entry
ampl
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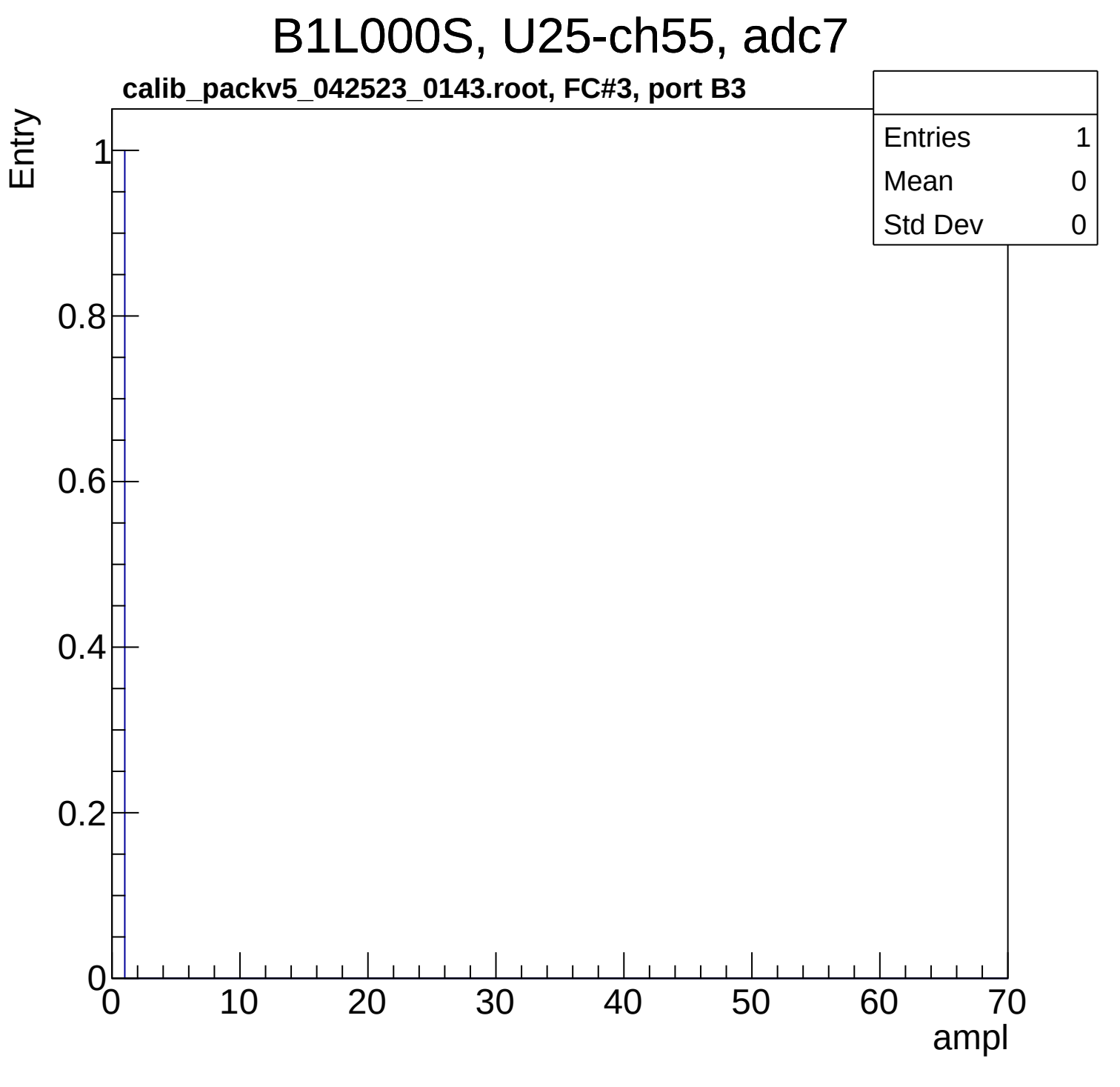
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U25-ch55, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
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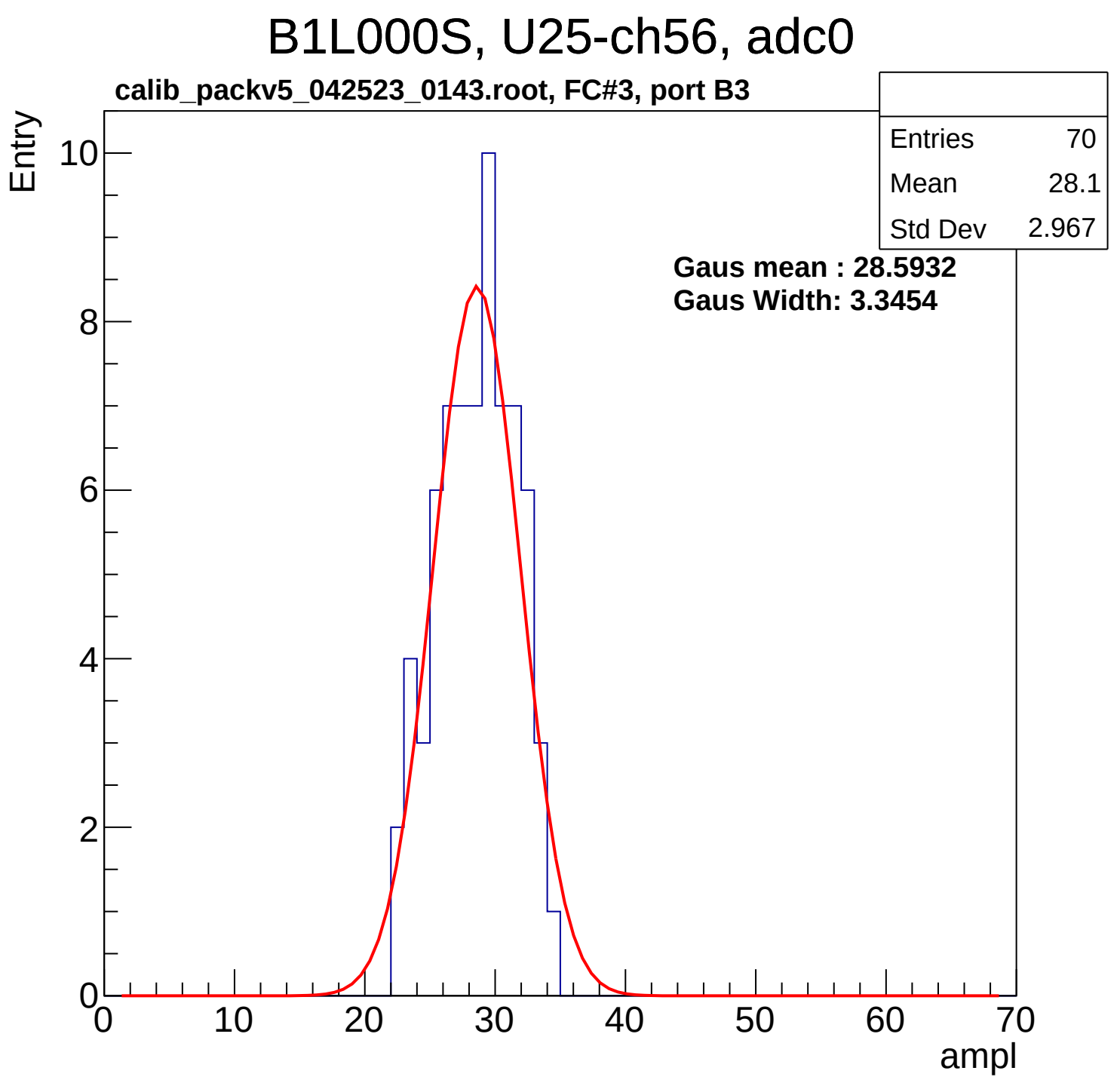
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch56, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 28.1
Std Dev 2.967
Gaus mean : 28.5932
Gaus Width: 3.3454
Entry
ampl
0
2
4
6
8
10
0
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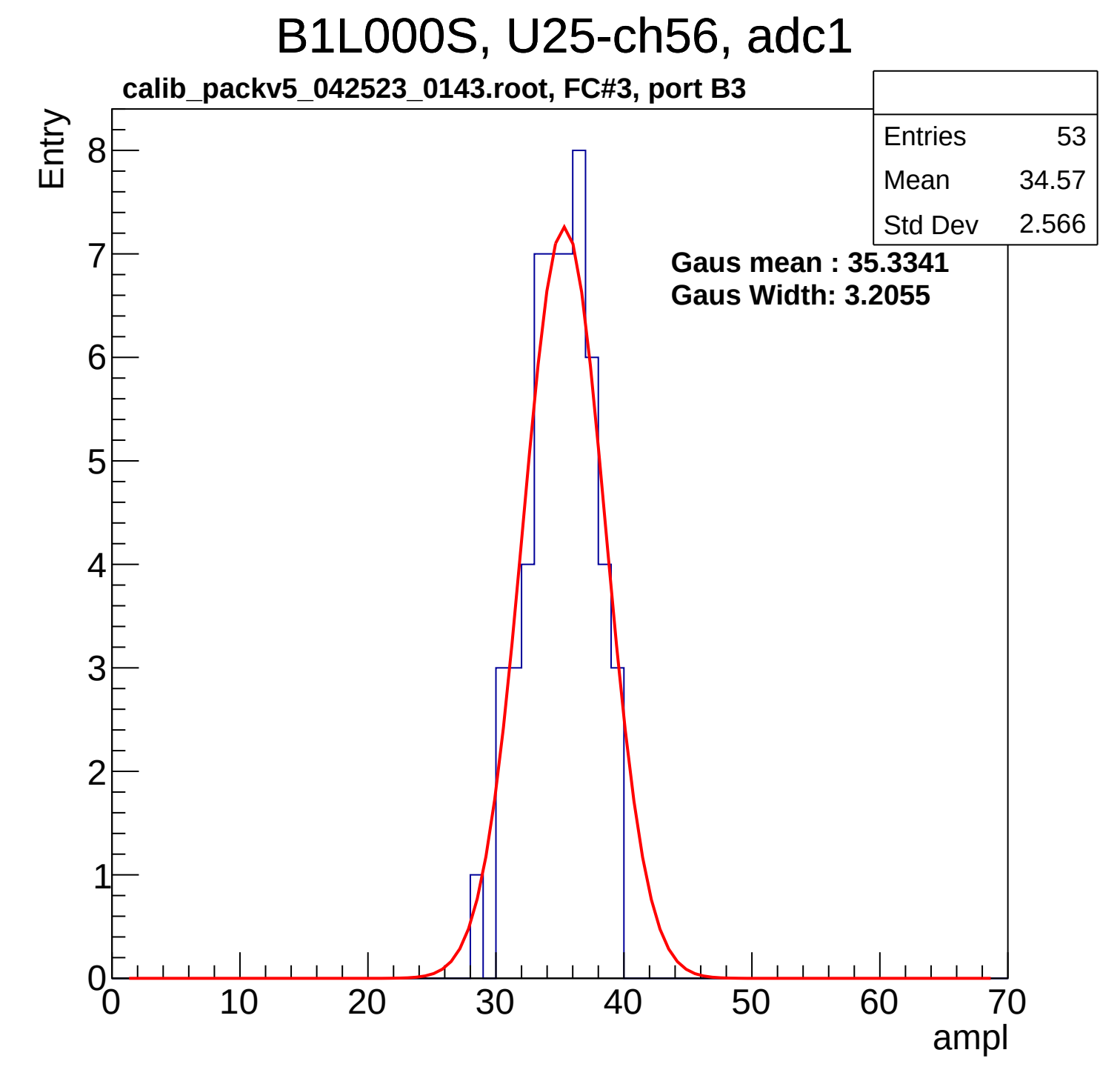
20
30
40
50
60
70


B1L000S, U25-ch56, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 34.57
Std Dev 2.566
Gaus mean : 35.3341
Gaus Width: 3.2055
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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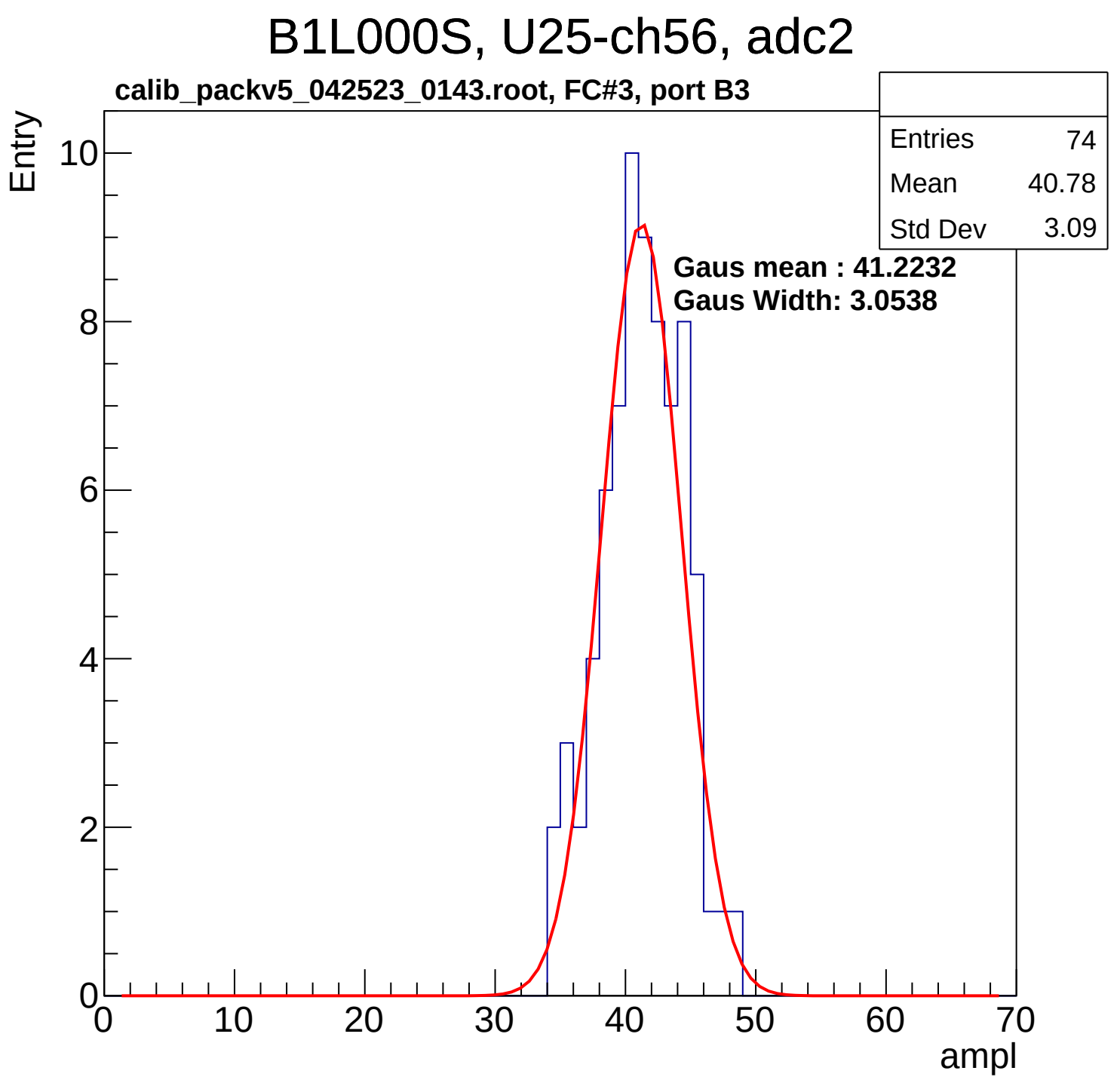
B1L000S, U25-ch56, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 40.78
Std Dev 3.09
Gaus mean : 41.2232
Gaus Width: 3.0538
Entry
ampl
0
2
4
6
8
10
0
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20
30
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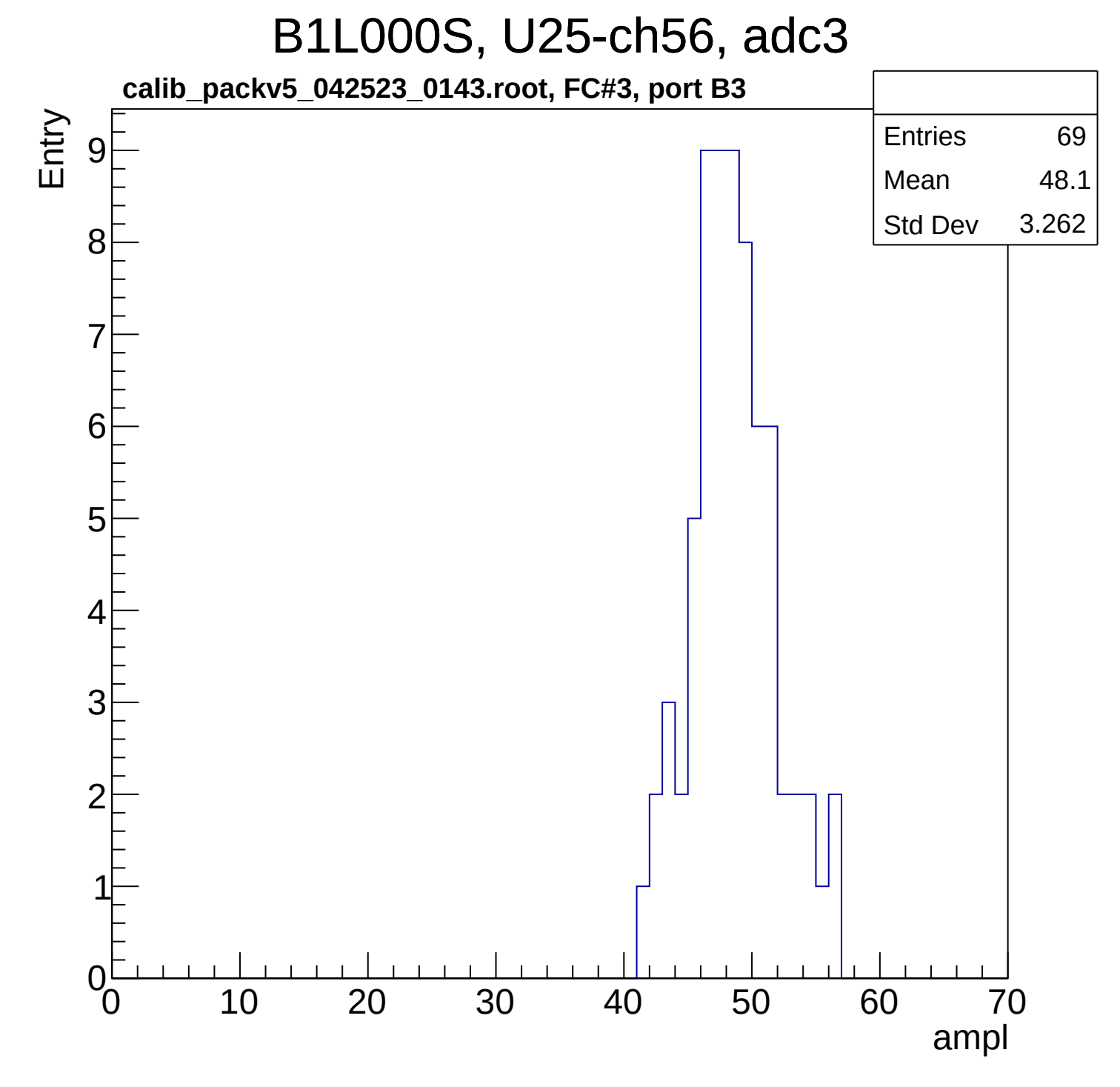
B1L000S, U25-ch56, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 48.1
Std Dev 3.262
Entry
ampl
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6
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8
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0
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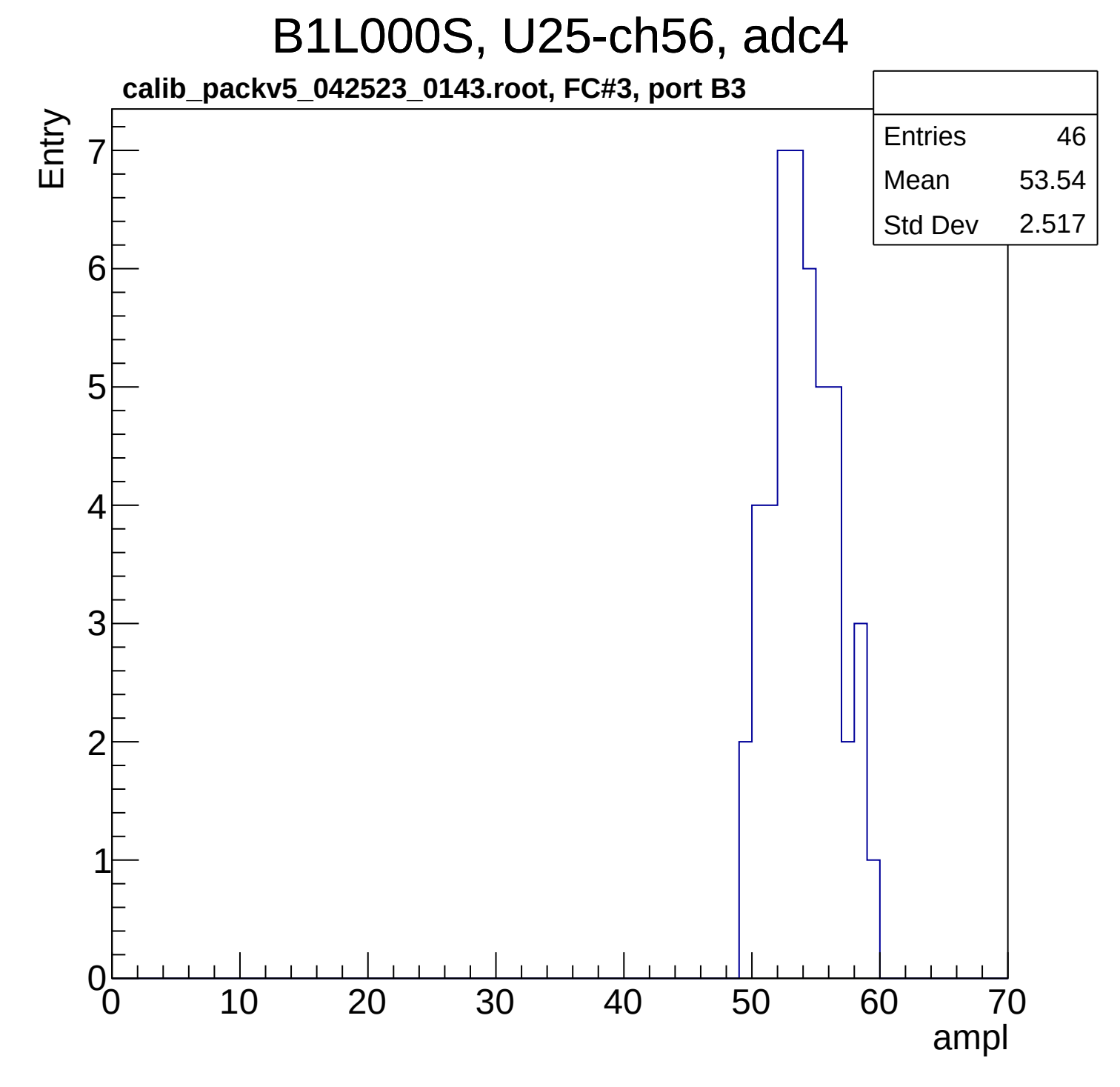
B1L000S, U25-ch56, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 53.54
Std Dev 2.517
Entry
ampl
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3
4
5
6
7
0
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60
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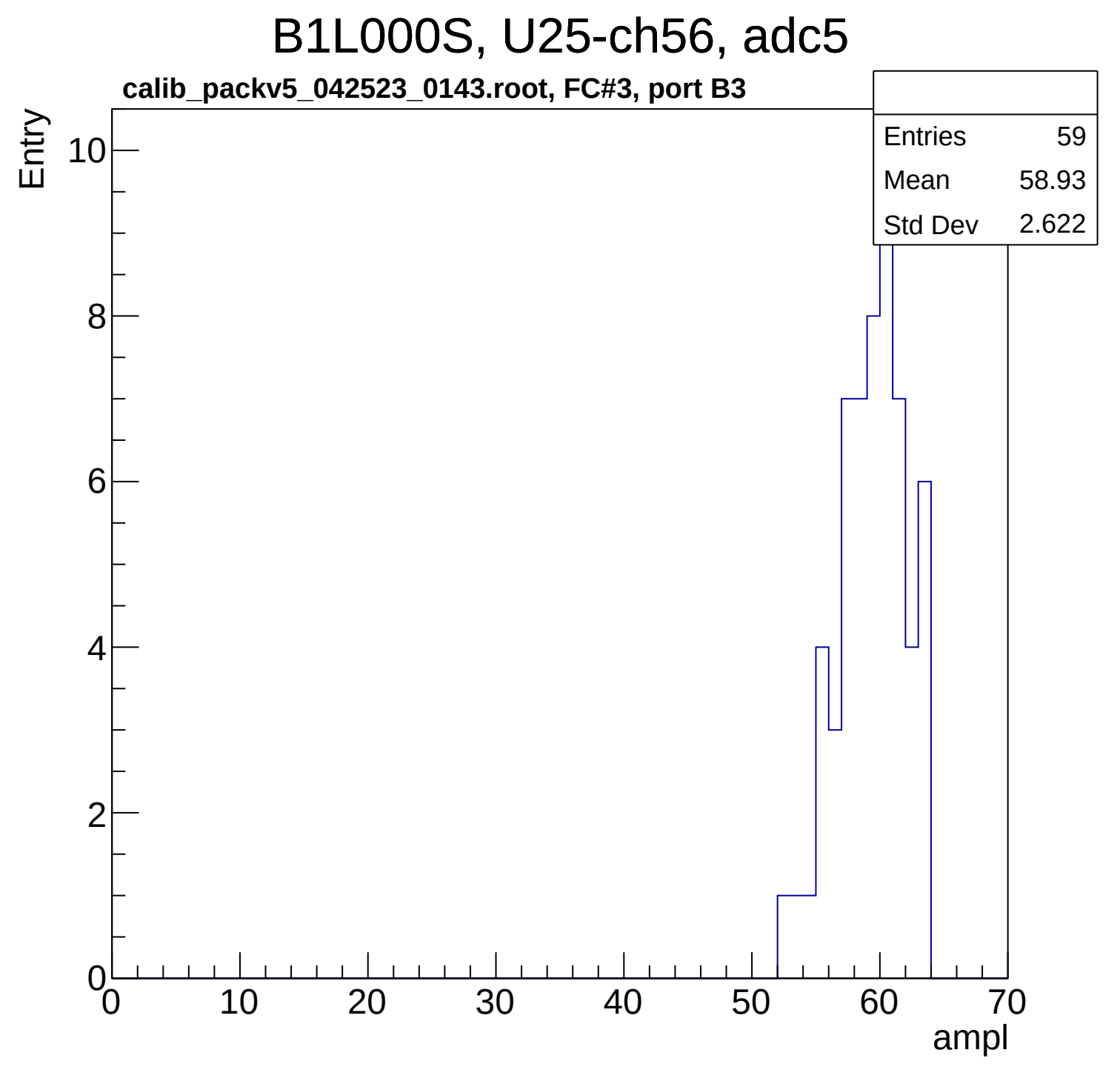
B1L000S, U25-ch56, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 58.93
Std Dev 2.622
Entry
ampl
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2
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0
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60
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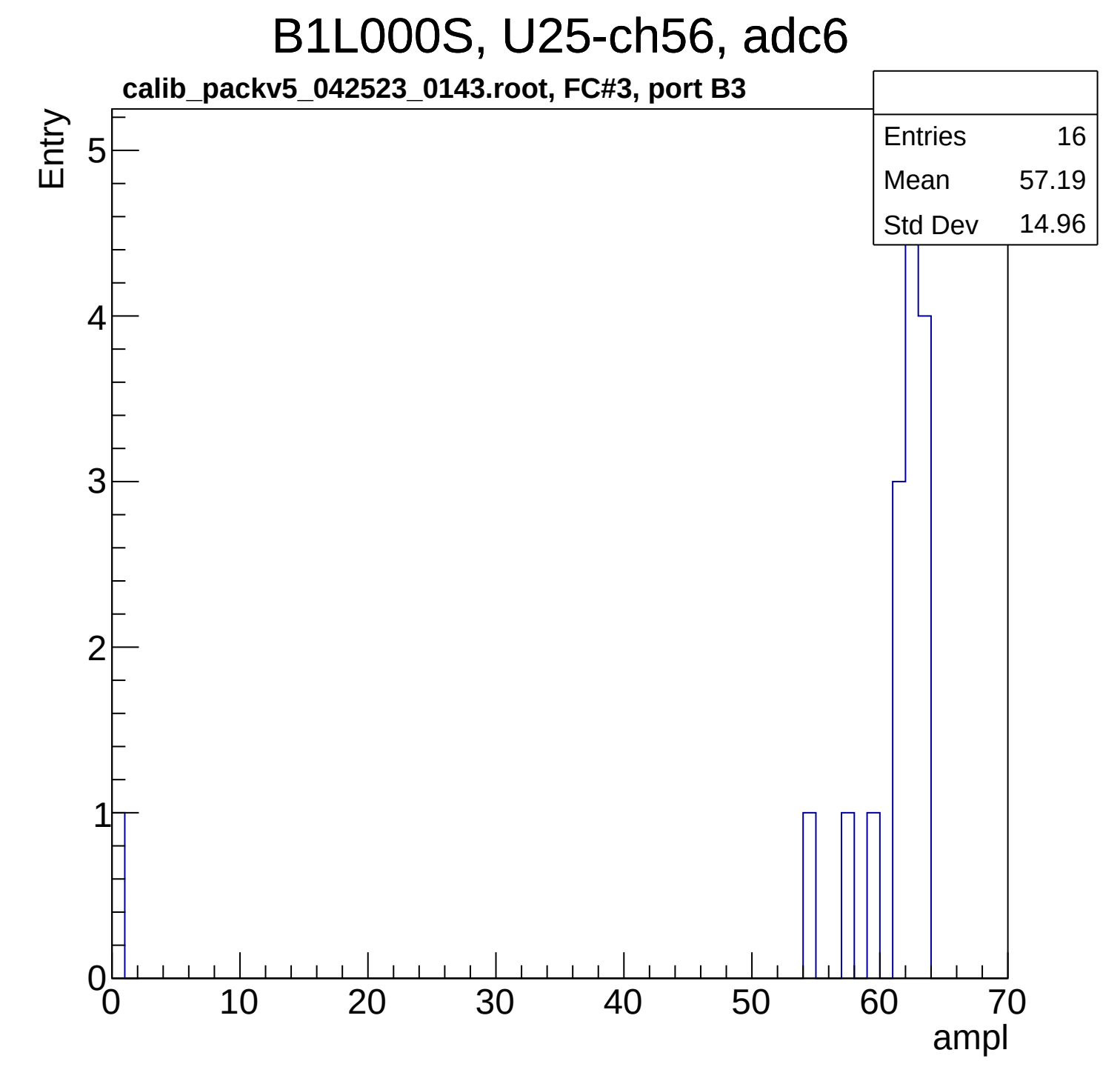
B1L000S, U25-ch56, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 57.19
Std Dev 14.96
Entry
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2
3
4
5
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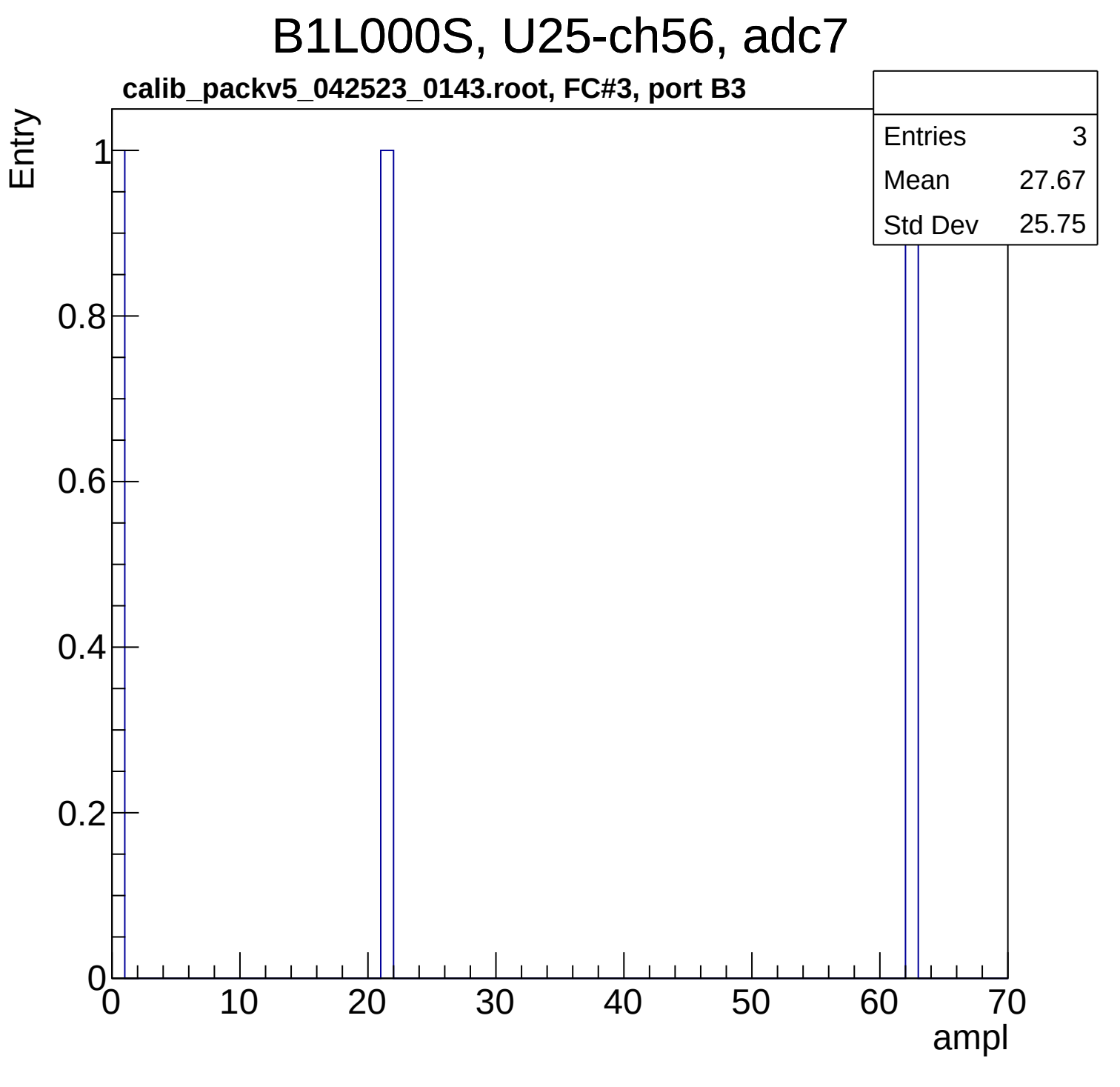
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch56, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 27.67
Std Dev 25.75
Entry
ampl
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0
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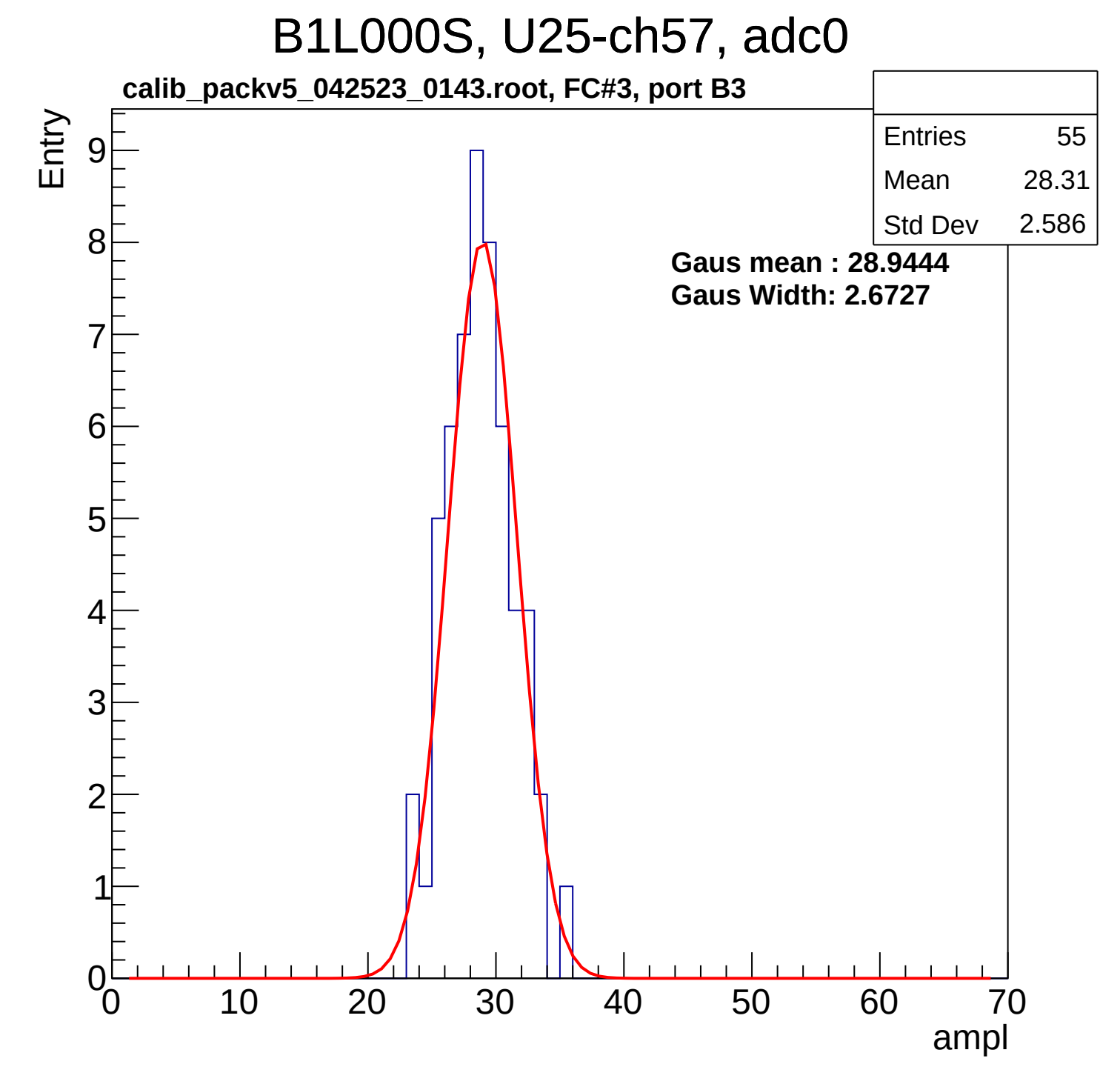
B1L000S, U25-ch57, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 28.31
Std Dev 2.586
Gaus mean : 28.9444
Gaus Width: 2.6727
Entry
ampl
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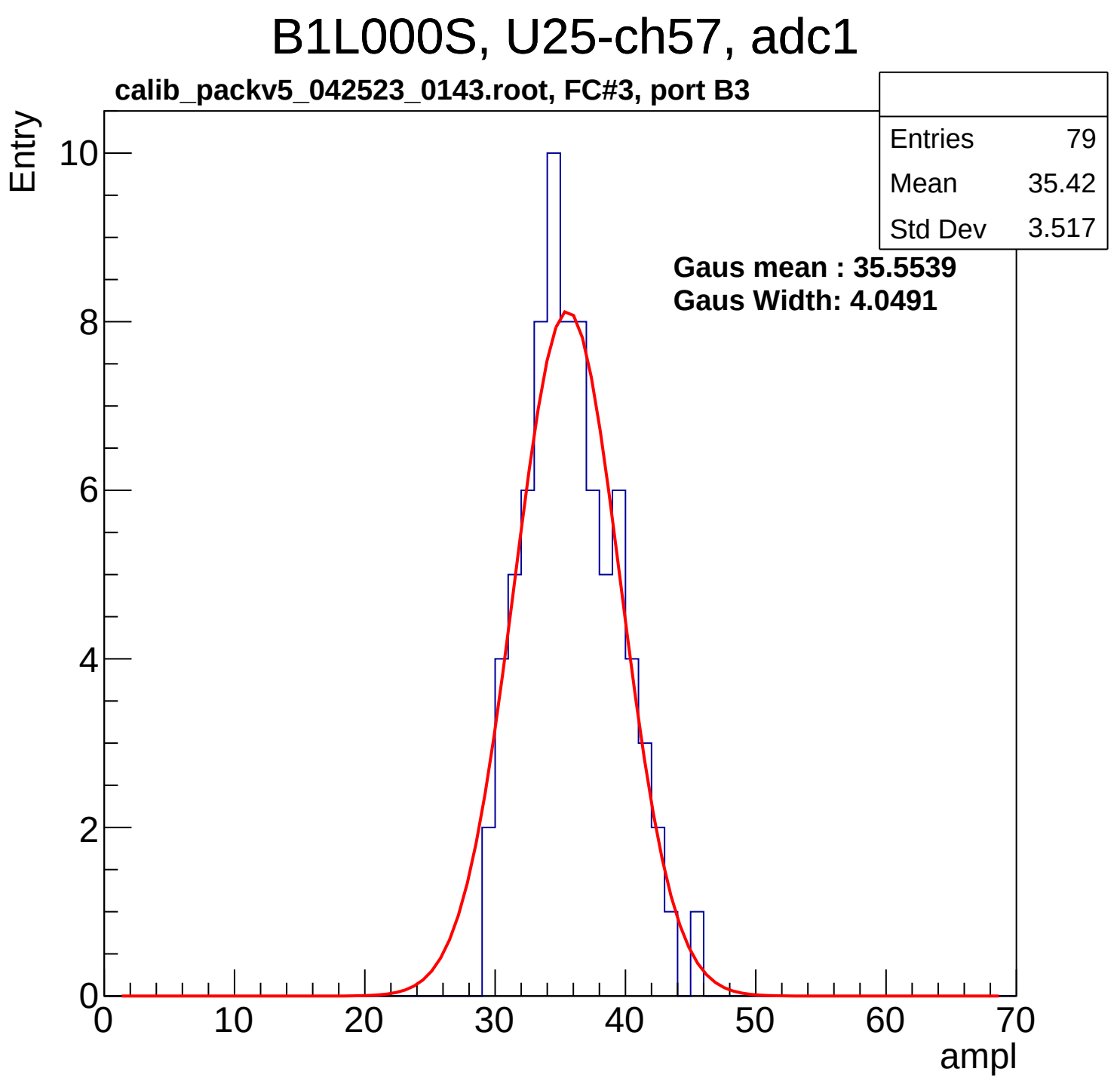
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U25-ch57, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 35.42
Std Dev 3.517
Gaus mean : 35.5539
Gaus Width: 4.0491
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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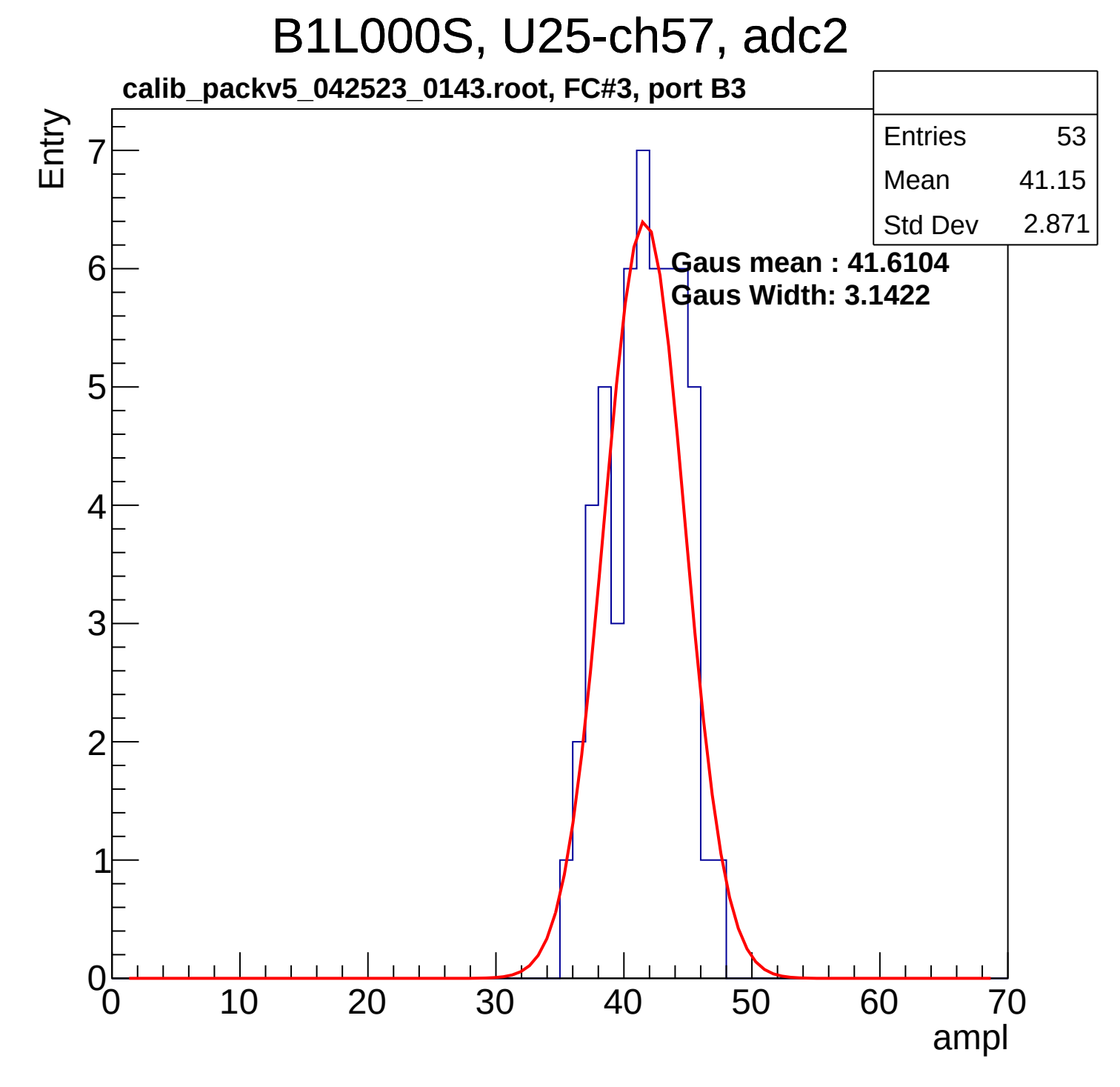
B1L000S, U25-ch57, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 41.15
Std Dev 2.871
Gaus mean : 41.6104
Gaus Width: 3.1422
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
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60
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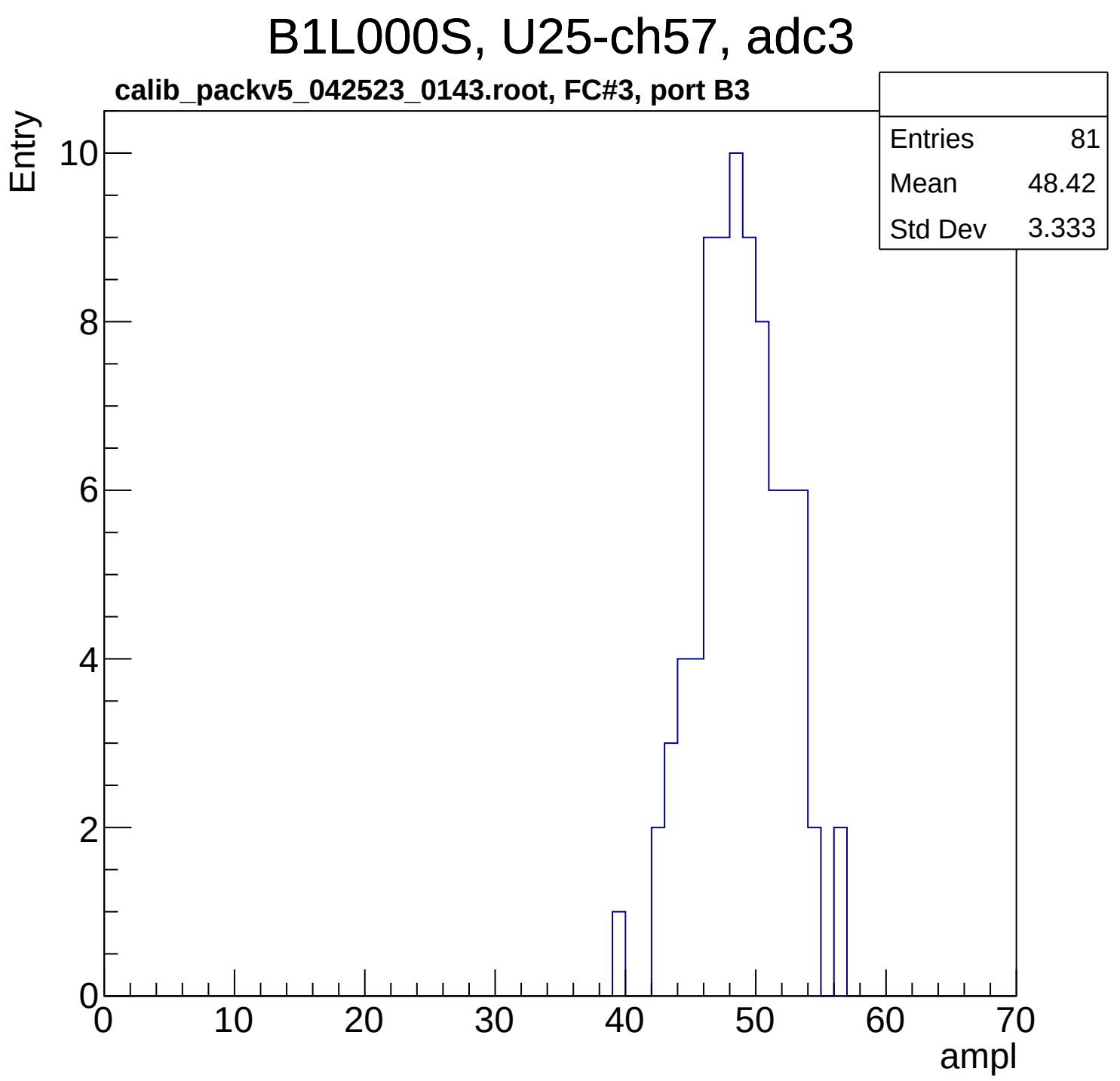
B1L000S, U25-ch57, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 81
Mean 48.42
Std Dev 3.333
Entry
ampl
0
2
4
6
8
10
0
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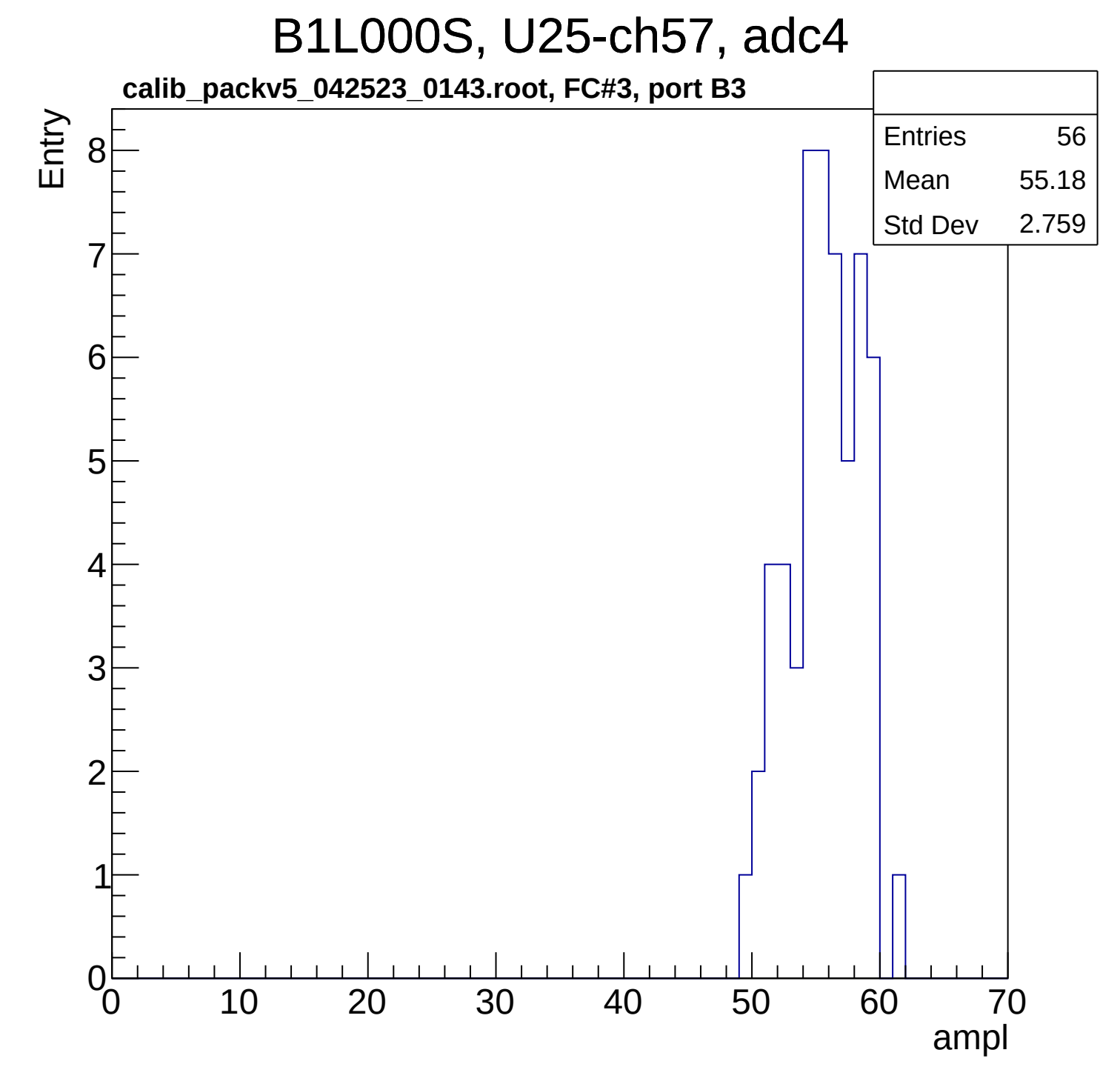
30
40
50
60
70


B1L000S, U25-ch57, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 55.18
Std Dev 2.759
Entry
ampl
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2
3
4
5
6
7
8
0
10
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40
50
60
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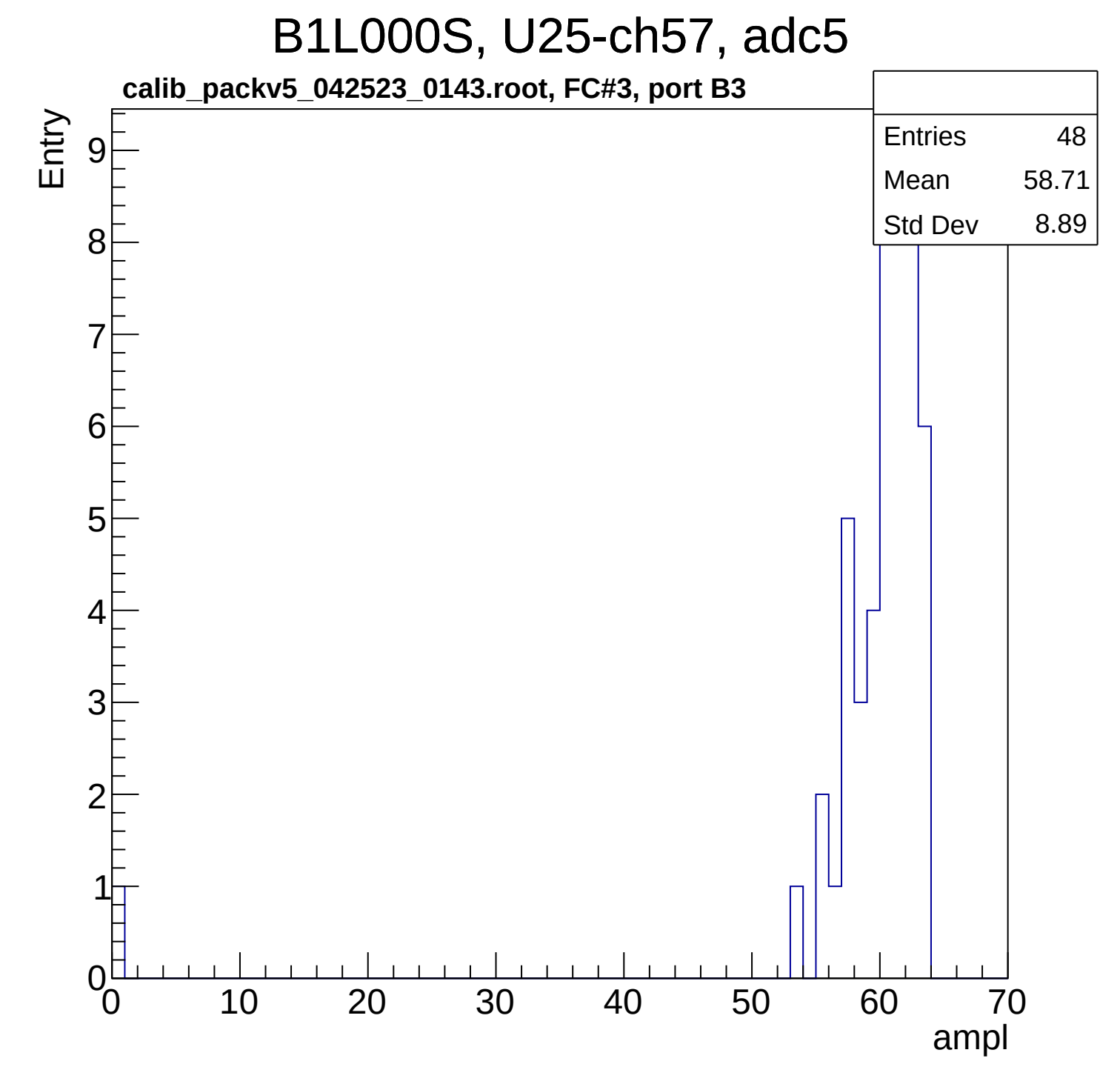
B1L000S, U25-ch57, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 58.71
Std Dev 8.89
Entry
ampl
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3
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6
7
8
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0
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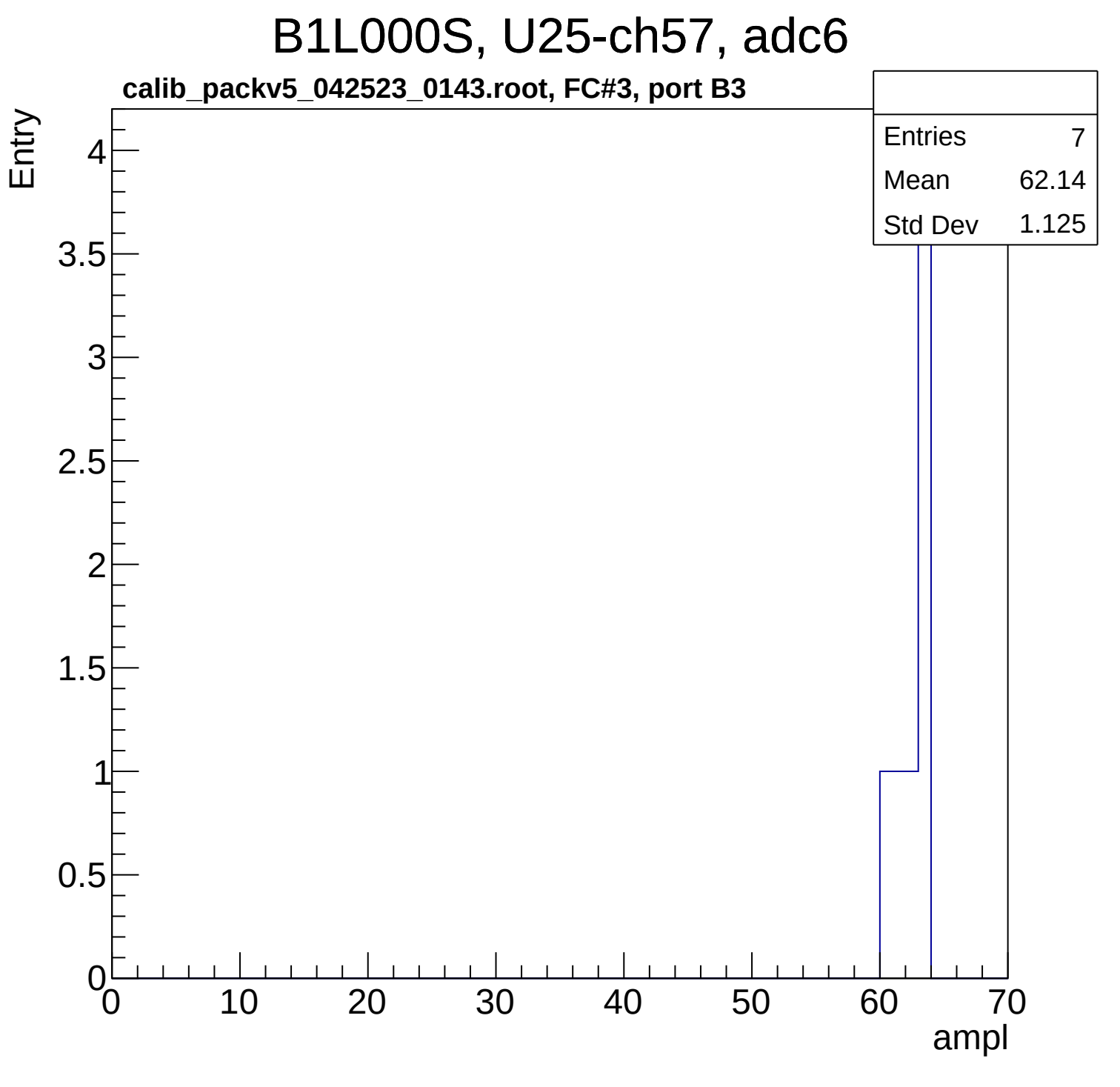
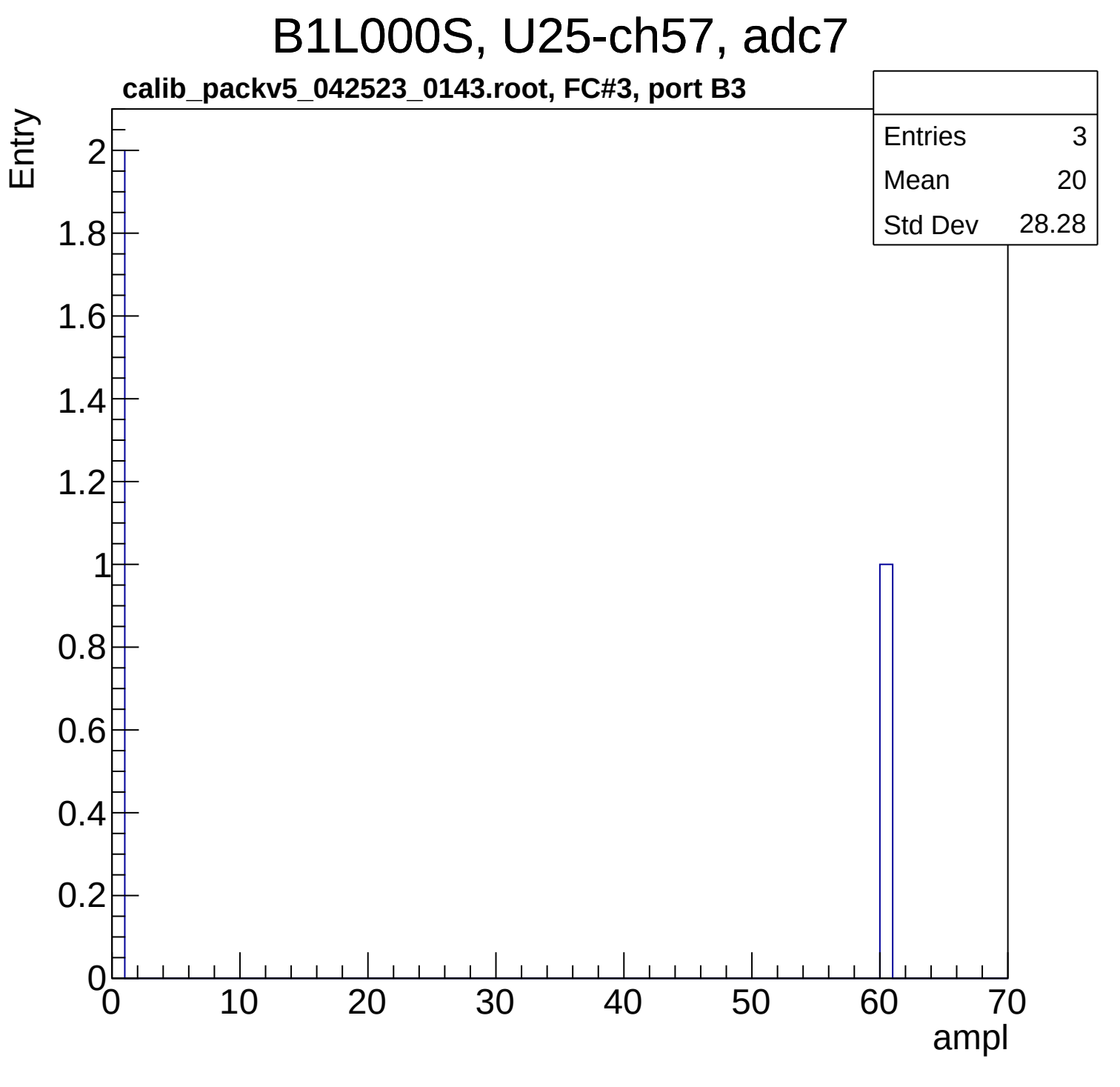

B1L000S, U25-ch57, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 7
Mean 62.14
Std Dev 1.125
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U25-ch57, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 20
Std Dev 28.28
Entry
ampl
0
0.2
0.4
0.6
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1
1.2
1.4
1.6
1.8
2
0
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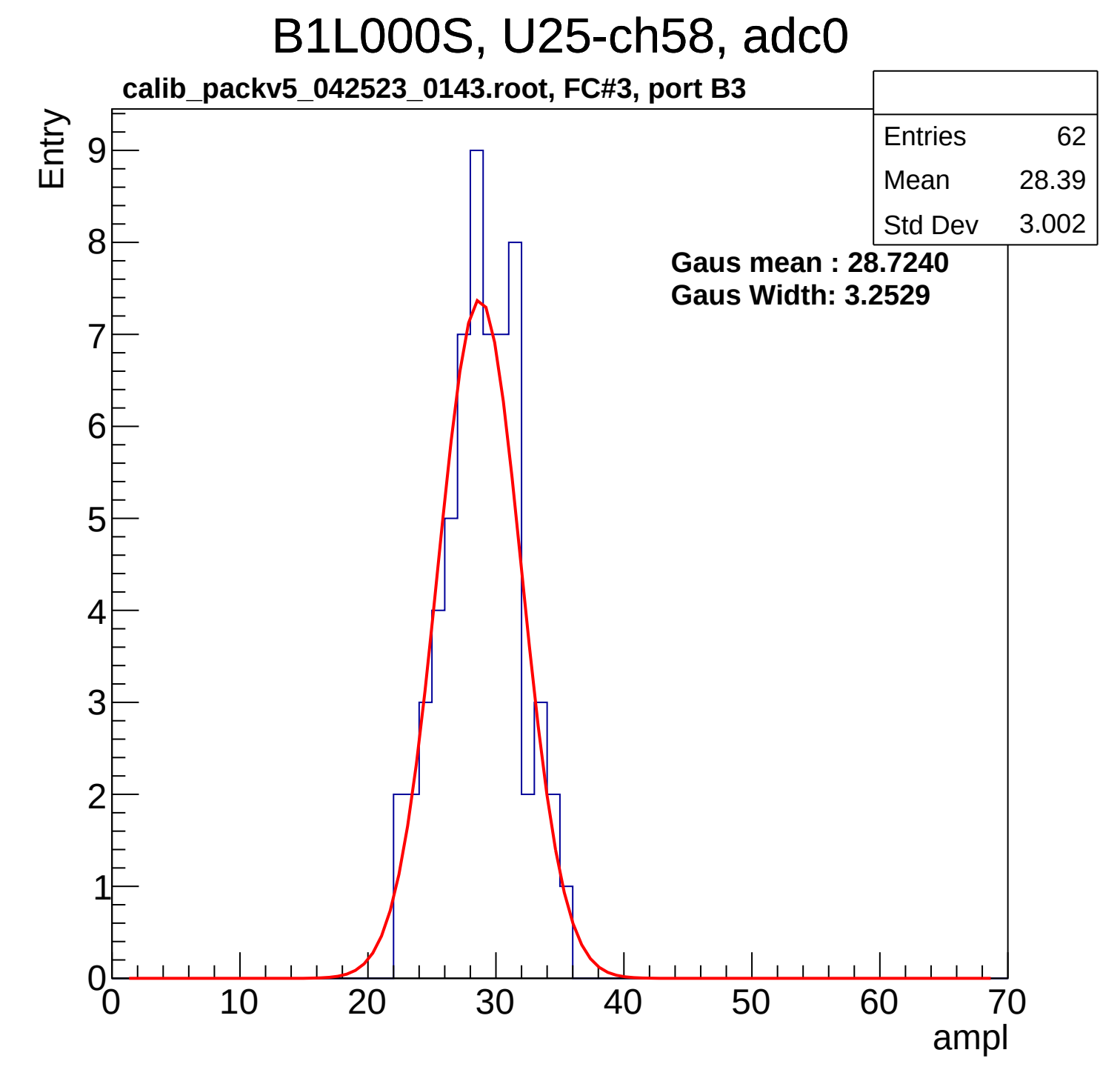
B1L000S, U25-ch58, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 28.39
Std Dev 3.002
Gaus mean : 28.7240
Gaus Width: 3.2529
Entry
ampl
0
1
2
3
4
5
6
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8
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0
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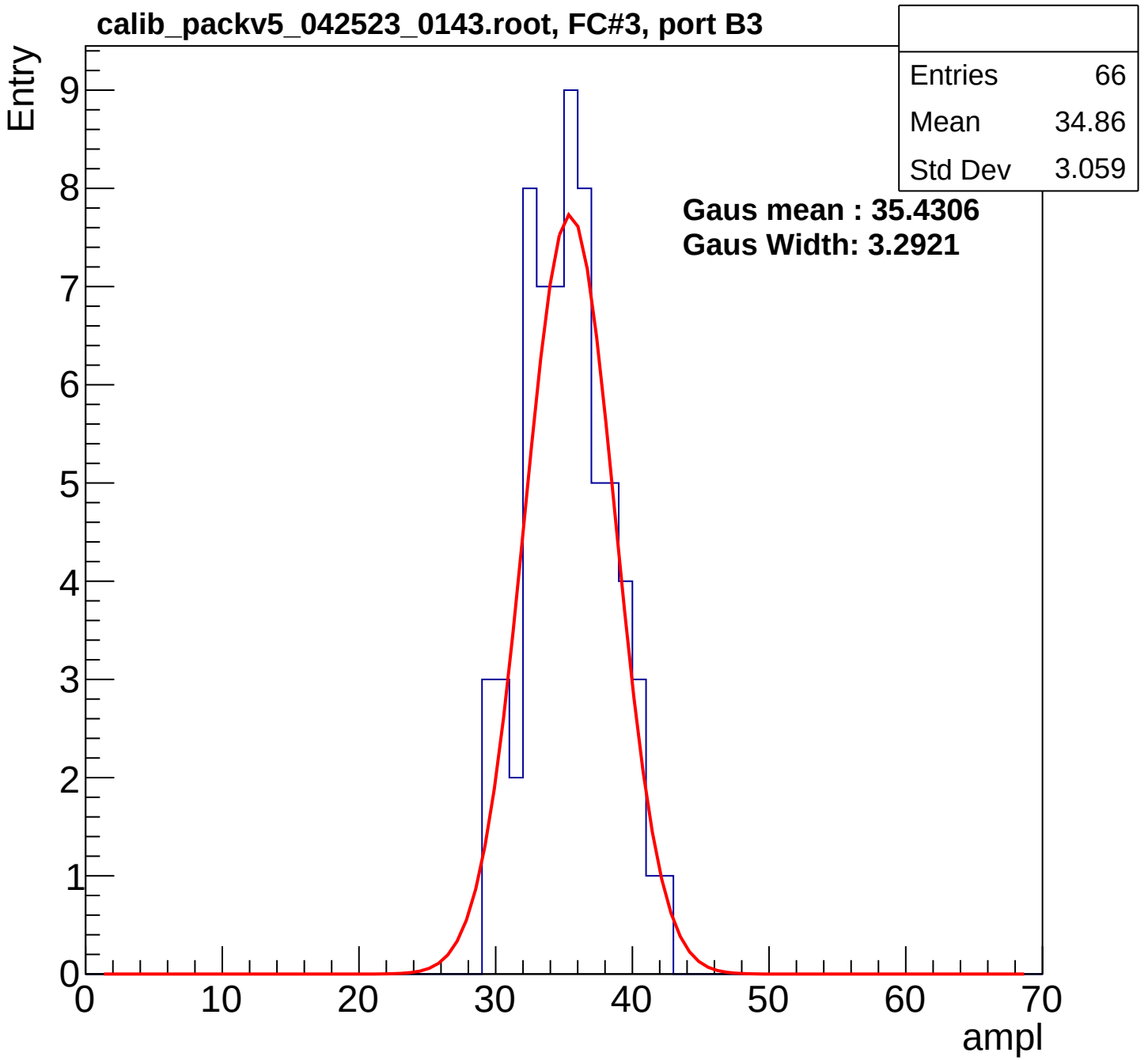
B1L000S, U25-ch58, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 34.86
Std Dev 3.059
Gaus mean : 35.4306
Gaus Width: 3.2921
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
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30
40
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60
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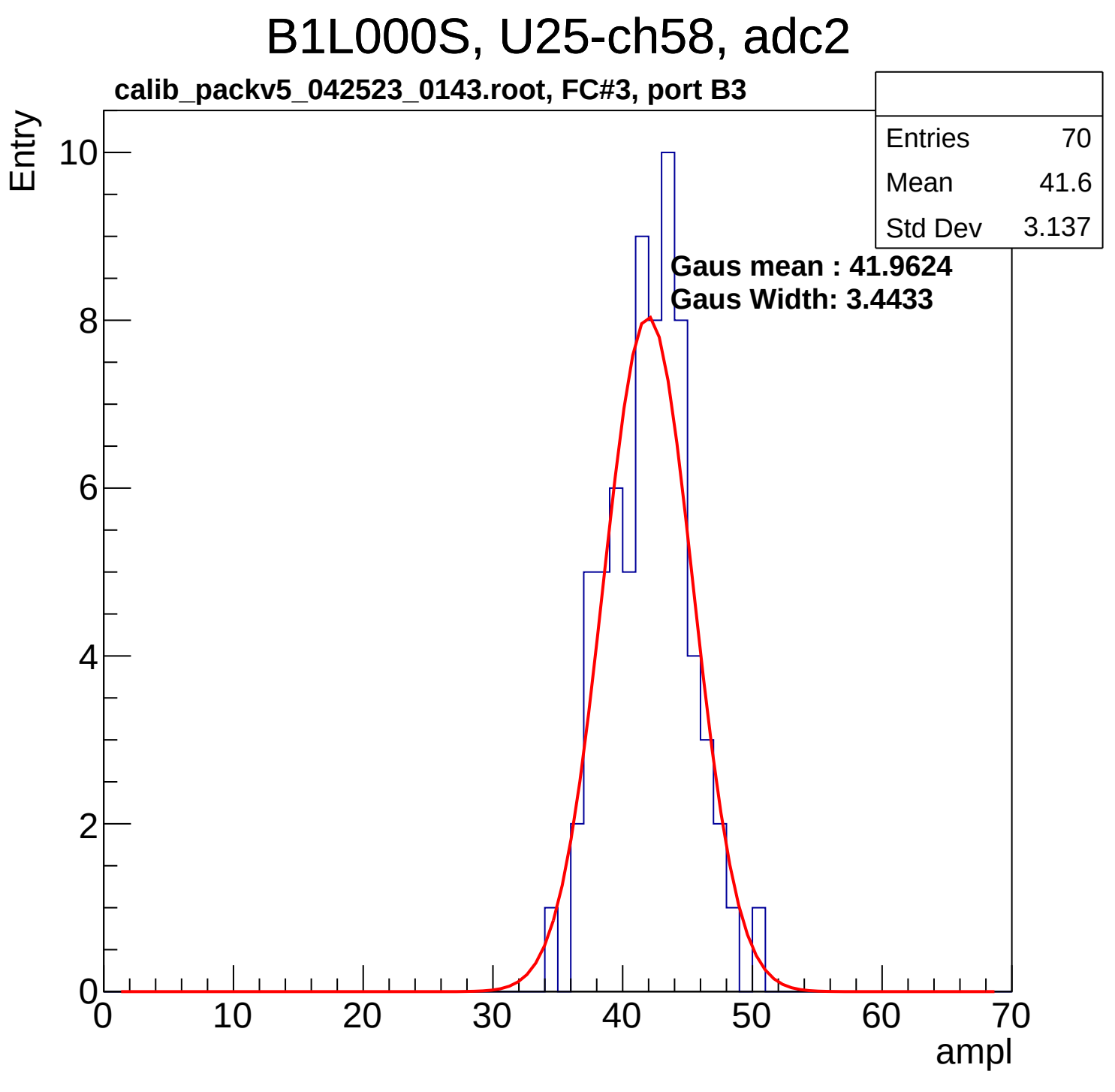
B1L000S, U25-ch58, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 41.6
Std Dev 3.137
Gaus mean : 41.9624
Gaus Width: 3.4433
Entry
ampl
0
2
4
6
8
10
0
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20
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40
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60
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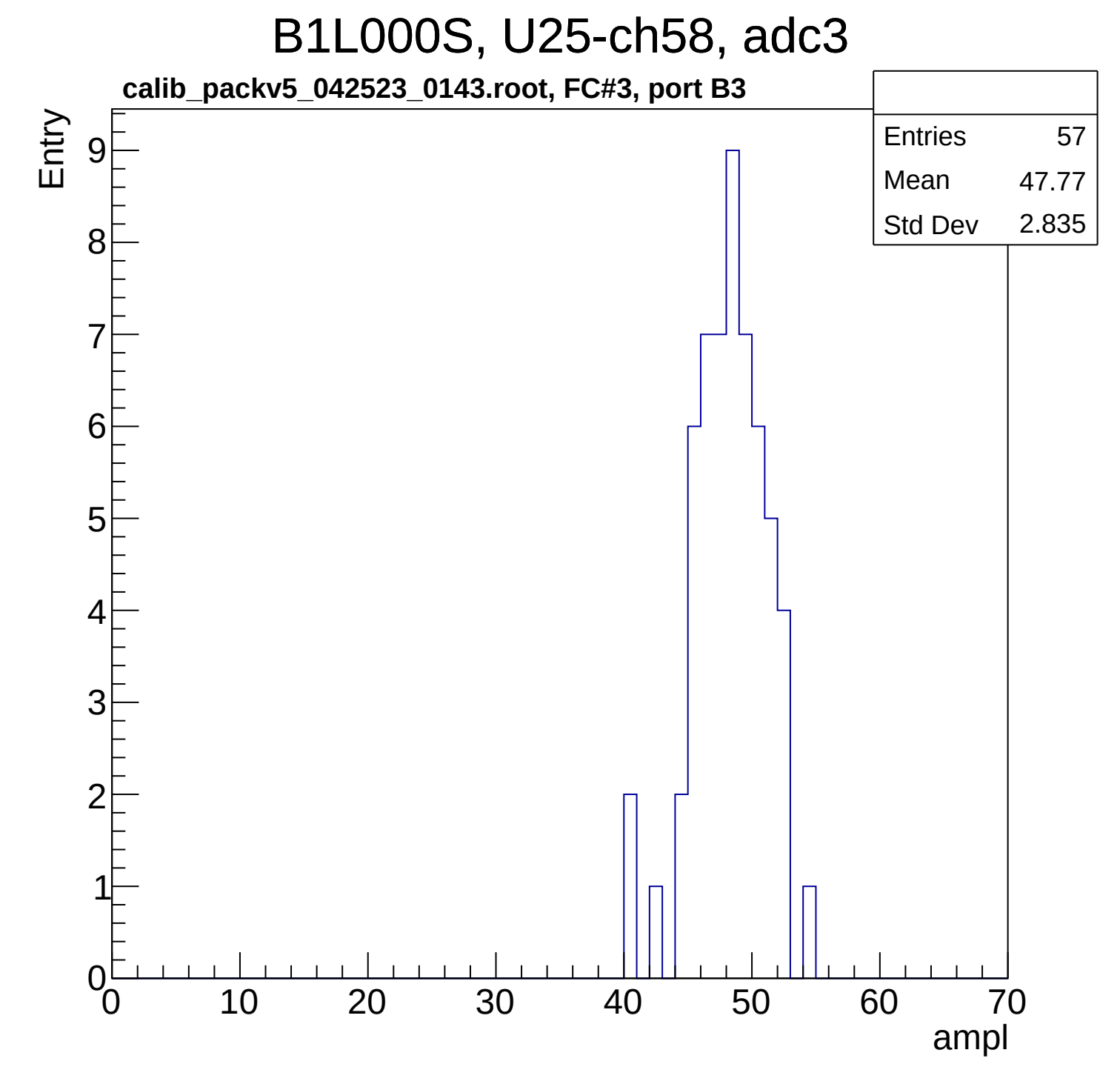
B1L000S, U25-ch58, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 47.77
Std Dev 2.835
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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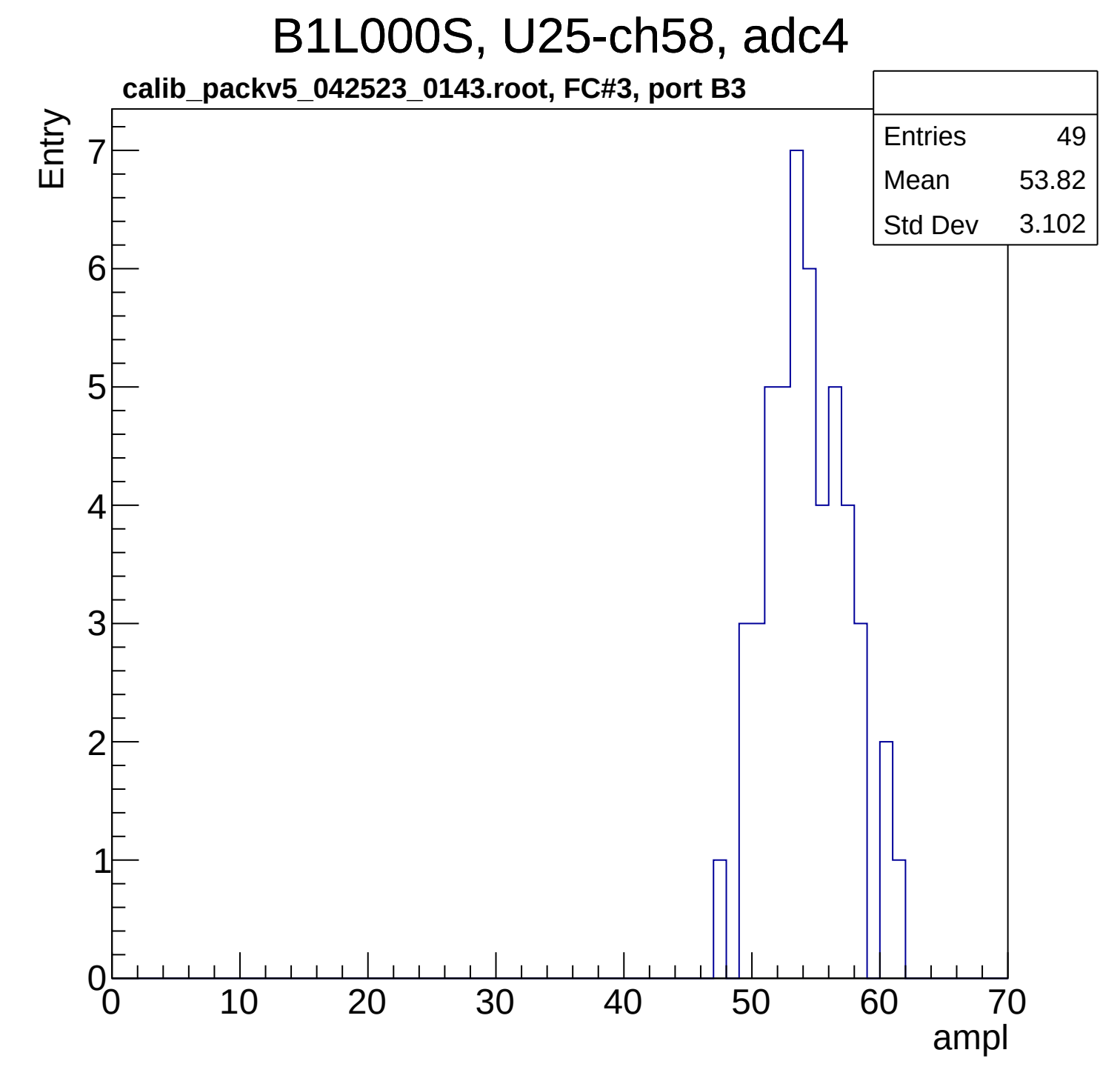
B1L000S, U25-ch58, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 53.82
Std Dev 3.102
Entry
ampl
0
1
2
3
4
5
6
7
0
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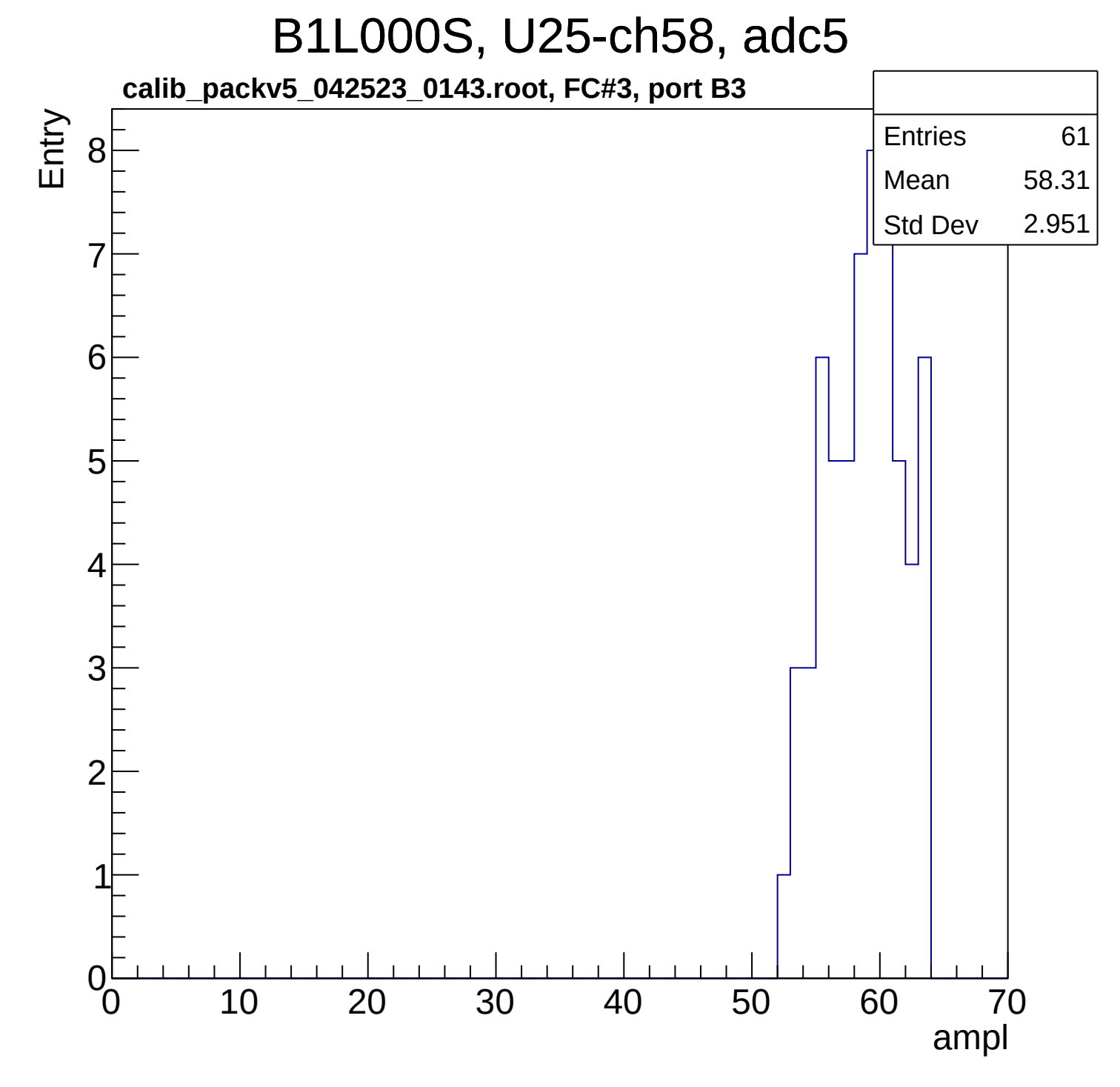
B1L000S, U25-ch58, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 58.31
Std Dev 2.951
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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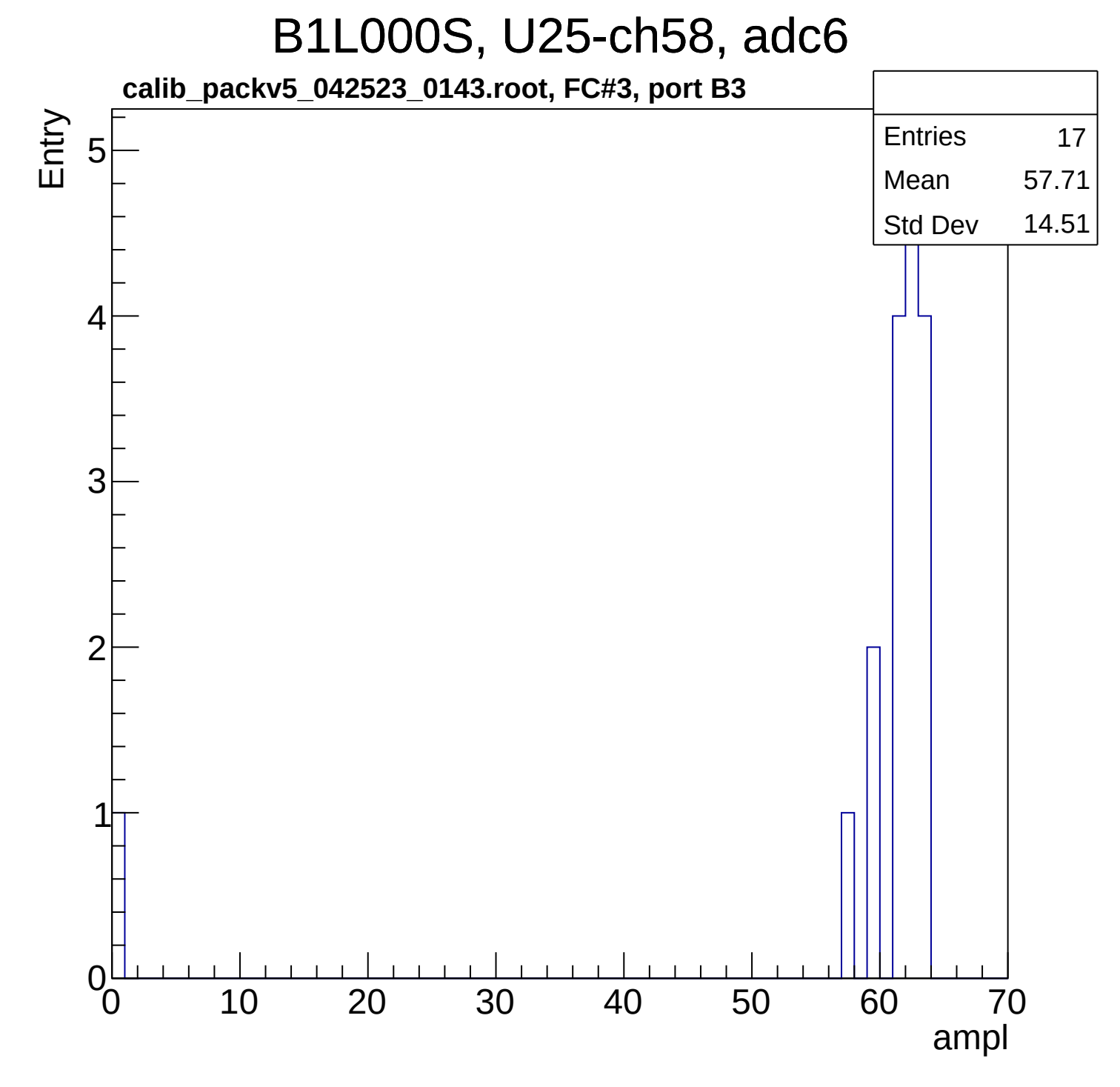
B1L000S, U25-ch58, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 57.71
Std Dev 14.51
Entry
ampl
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1
2
3
4
5
0
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30
40
50
60
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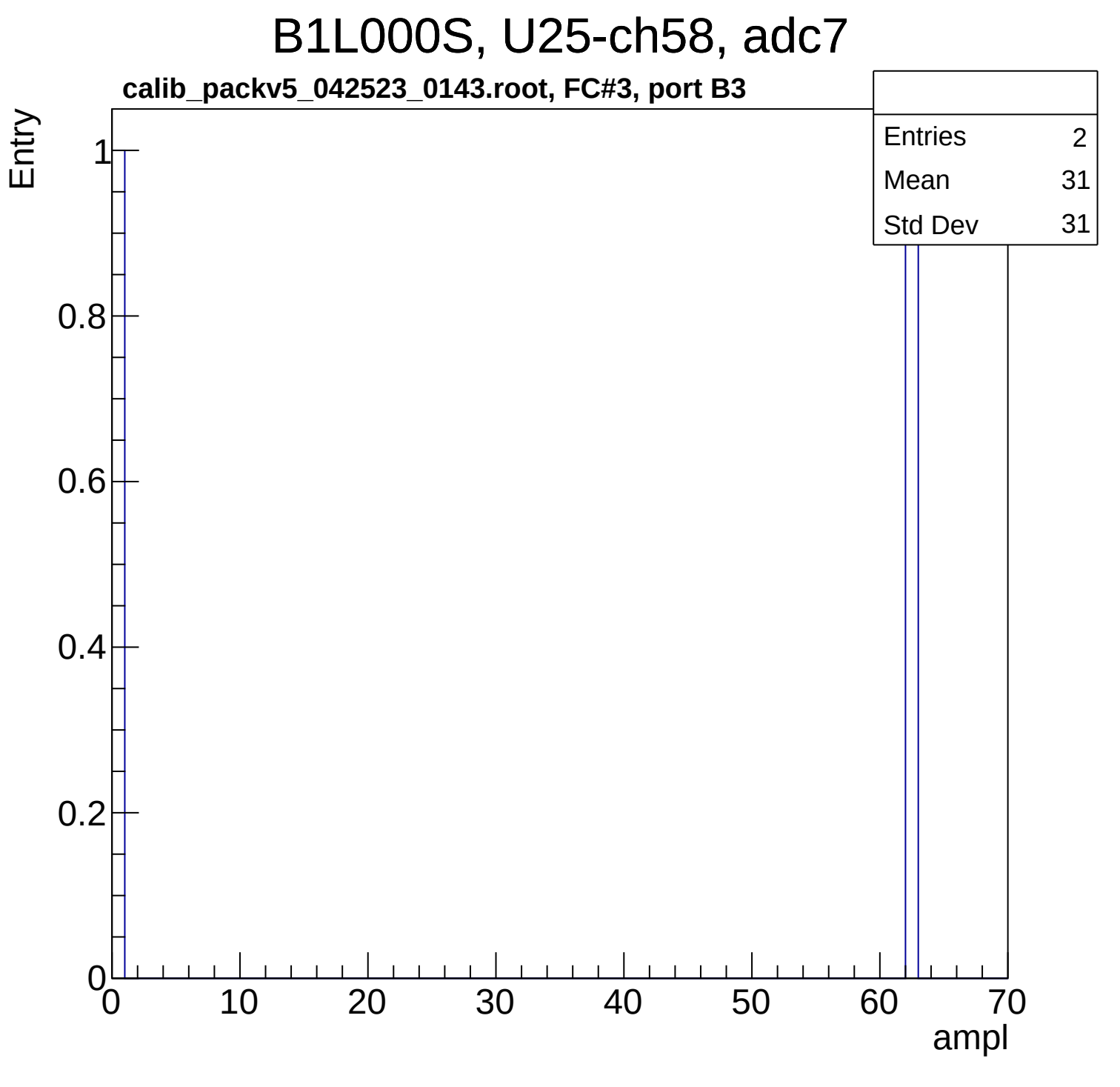
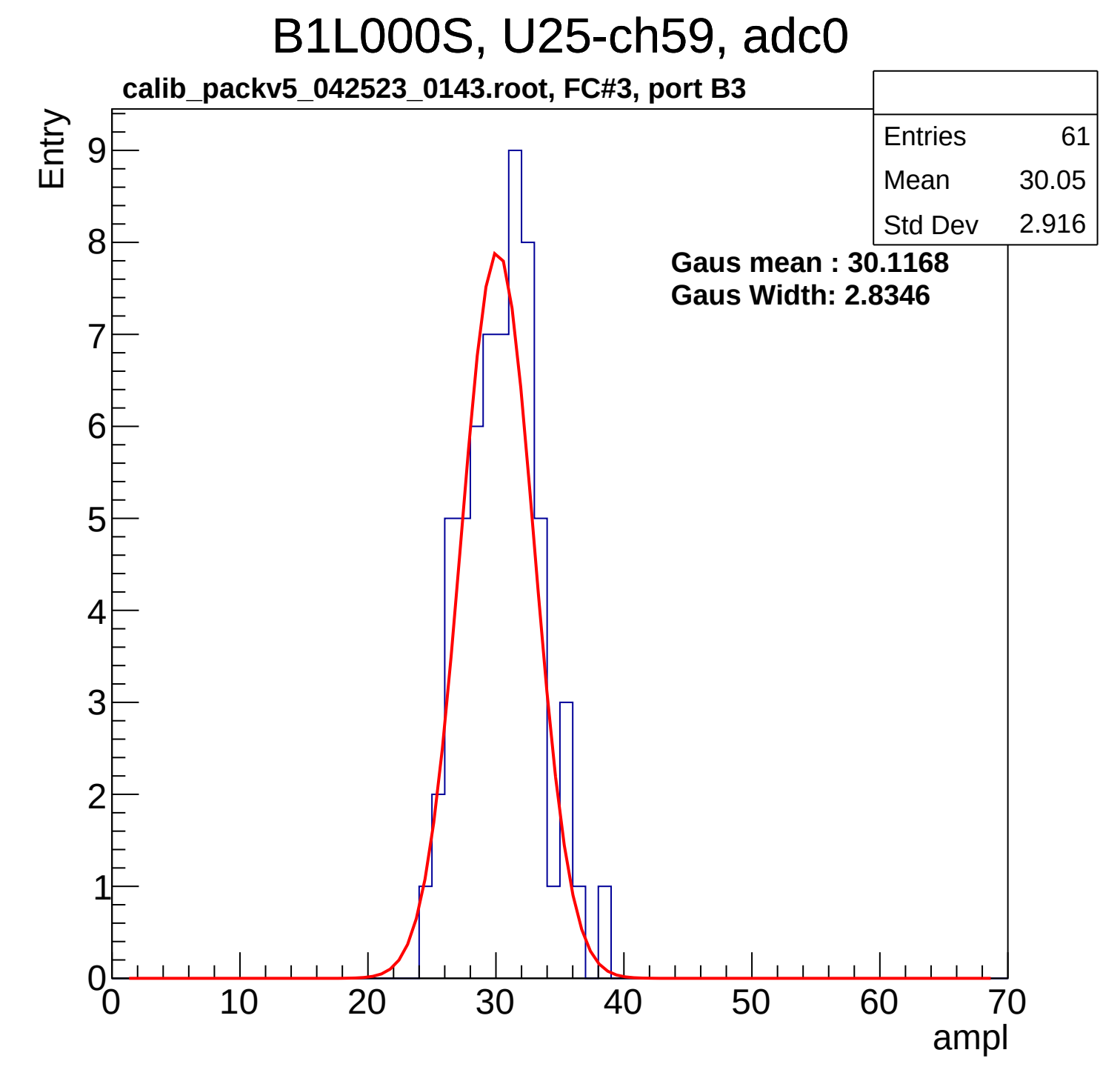
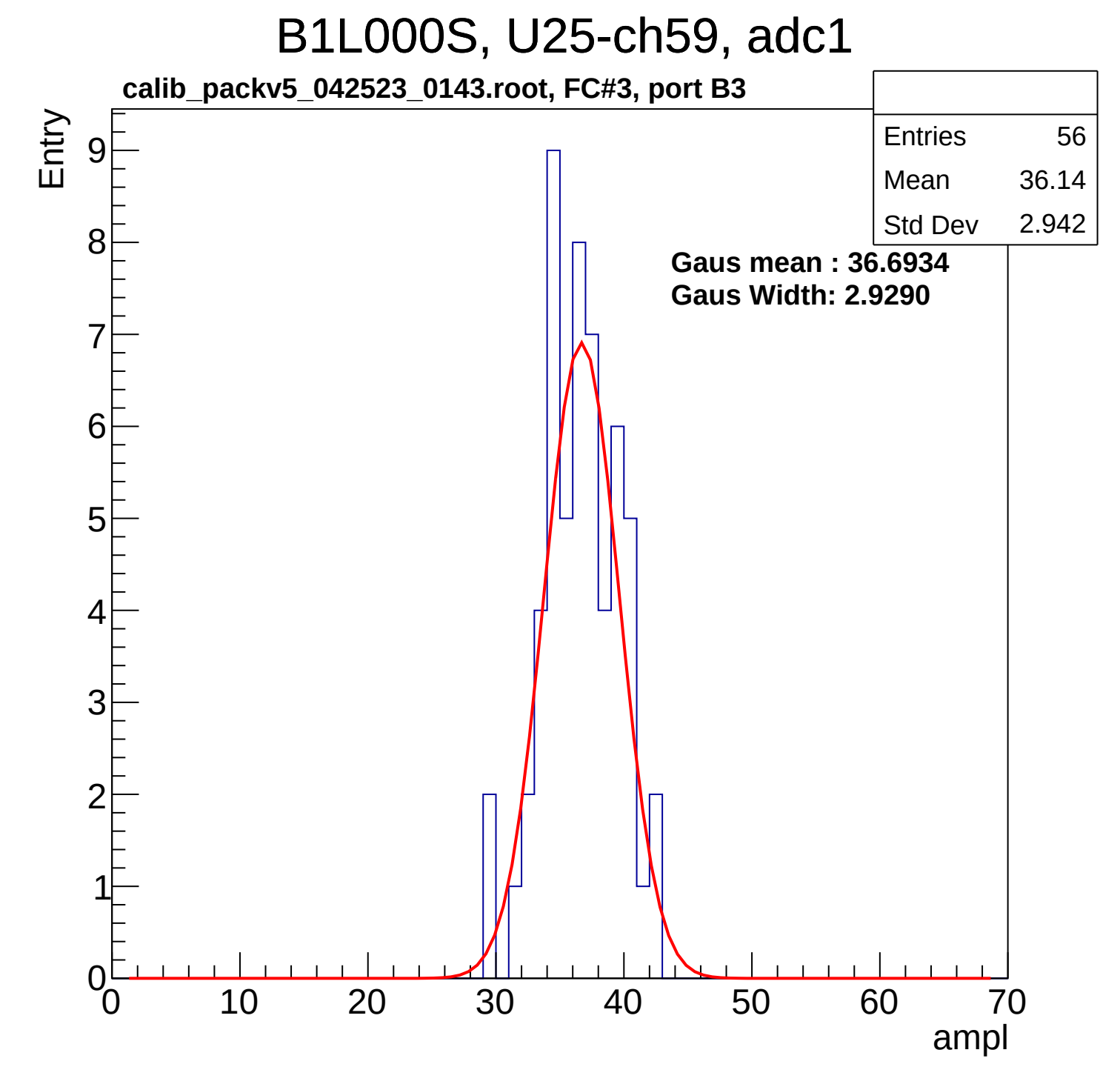

B1L000S, U25-ch58, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 31
Std Dev 31
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch59, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 30.05
Std Dev 2.916
Gaus mean : 30.1168
Gaus Width: 2.8346
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch59, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 36.14
Std Dev 2.942
Gaus mean : 36.6934
Gaus Width: 2.9290
Entry
ampl
0
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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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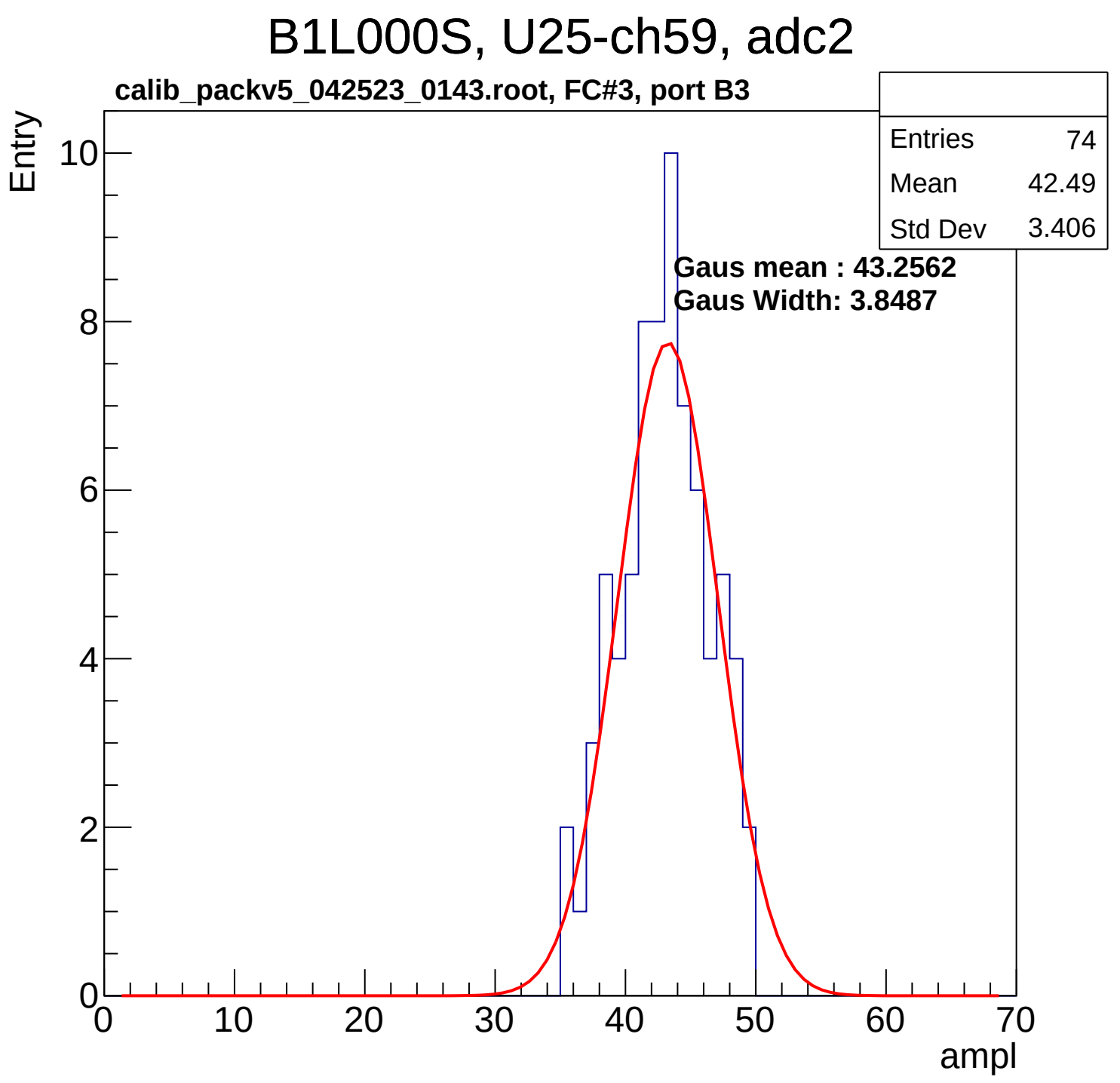
B1L000S, U25-ch59, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 42.49
Std Dev 3.406
Gaus mean : 43.2562
Gaus Width: 3.8487
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
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60
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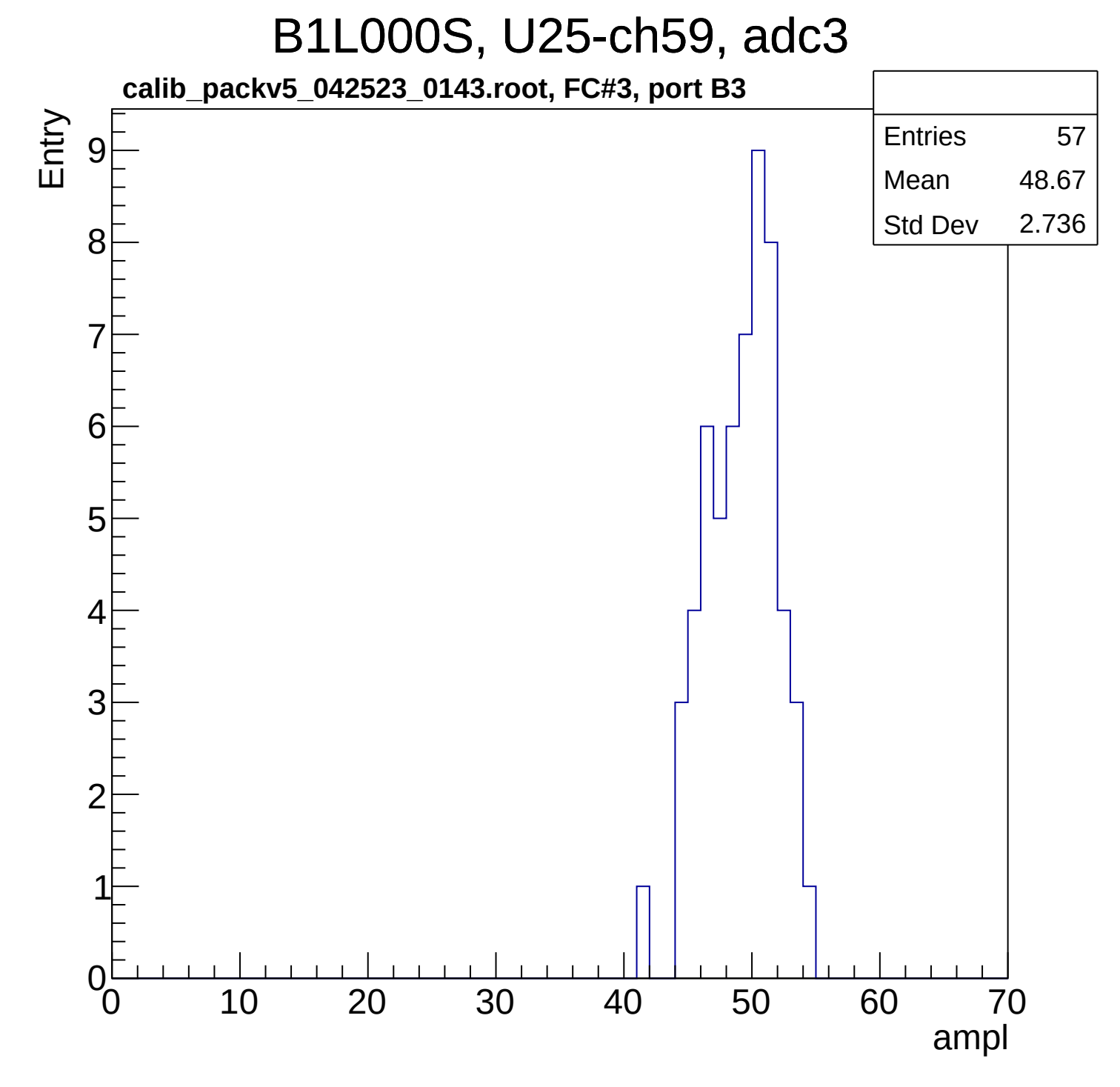
B1L000S, U25-ch59, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 48.67
Std Dev 2.736
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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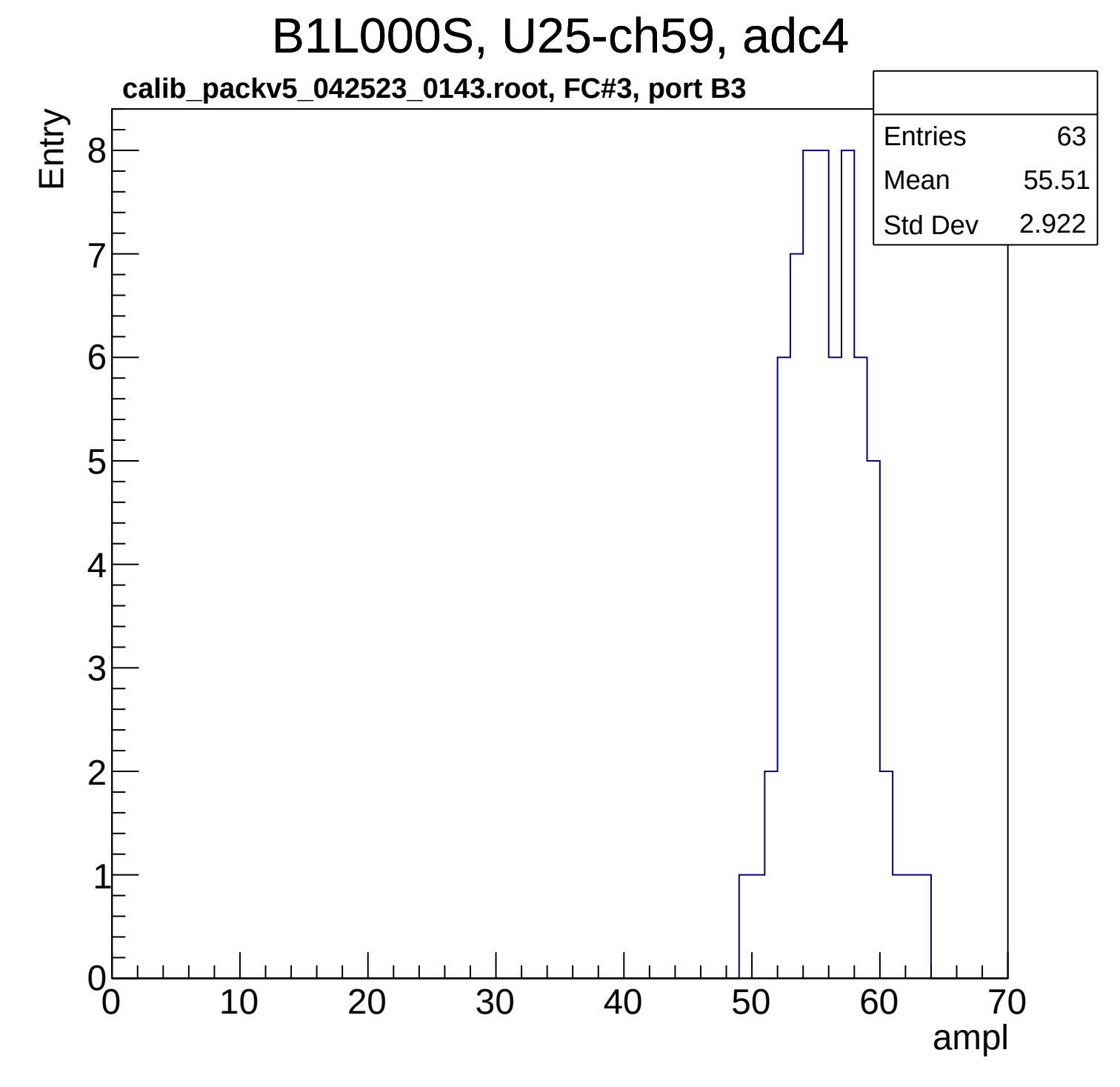
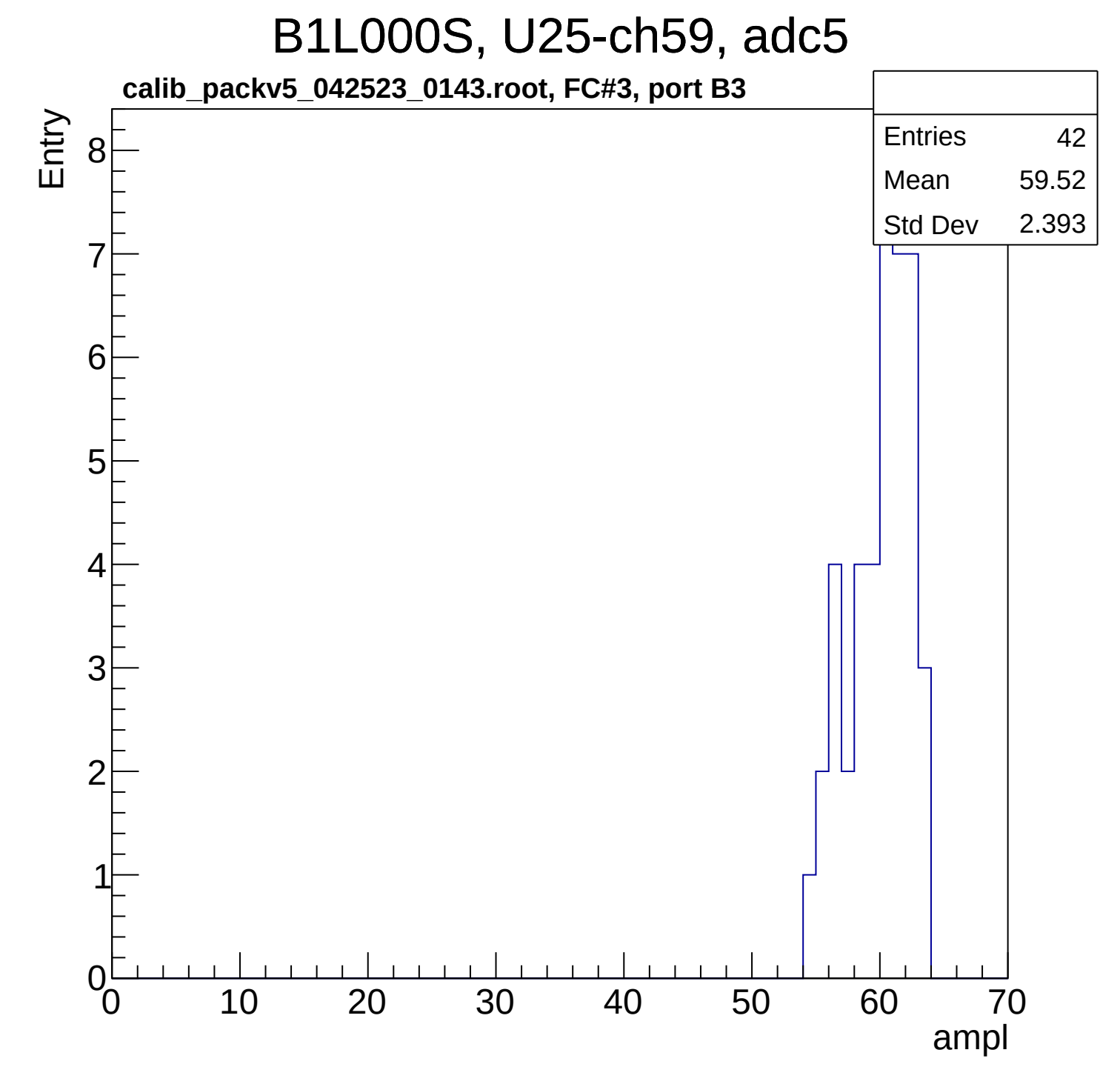

B1L000S, U25-ch59, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 55.51
Std Dev 2.922
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch59, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 59.52
Std Dev 2.393
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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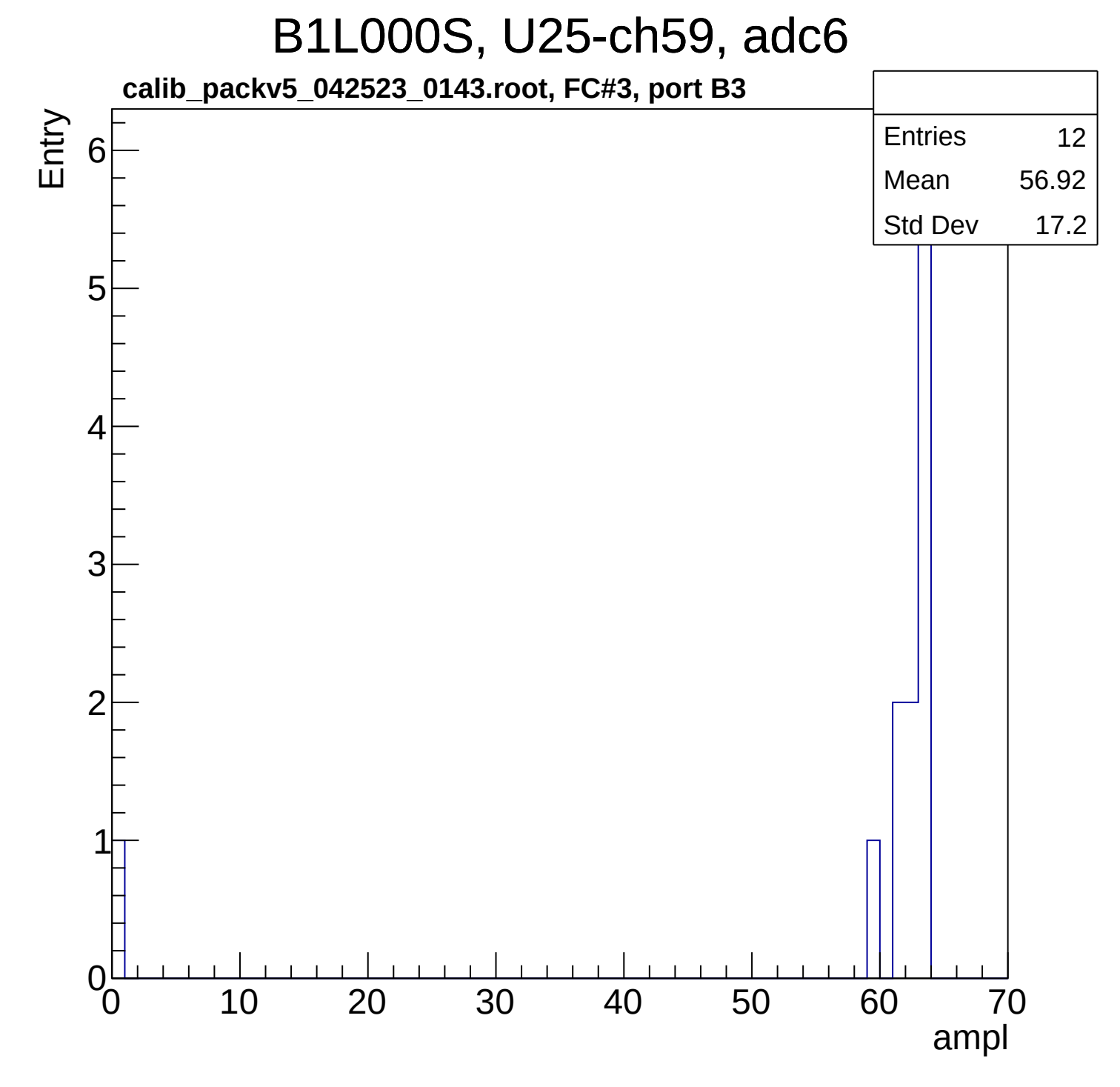
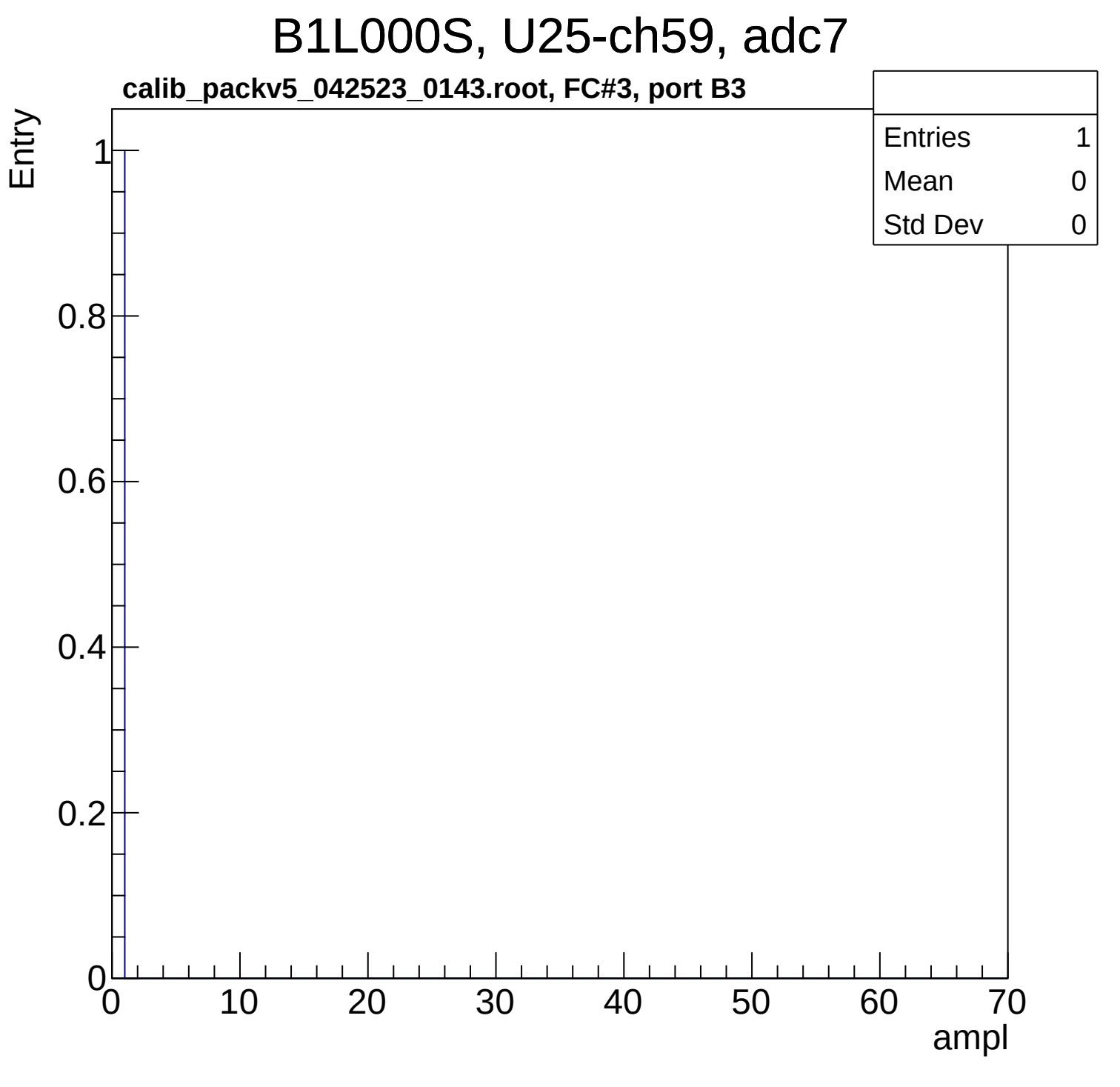
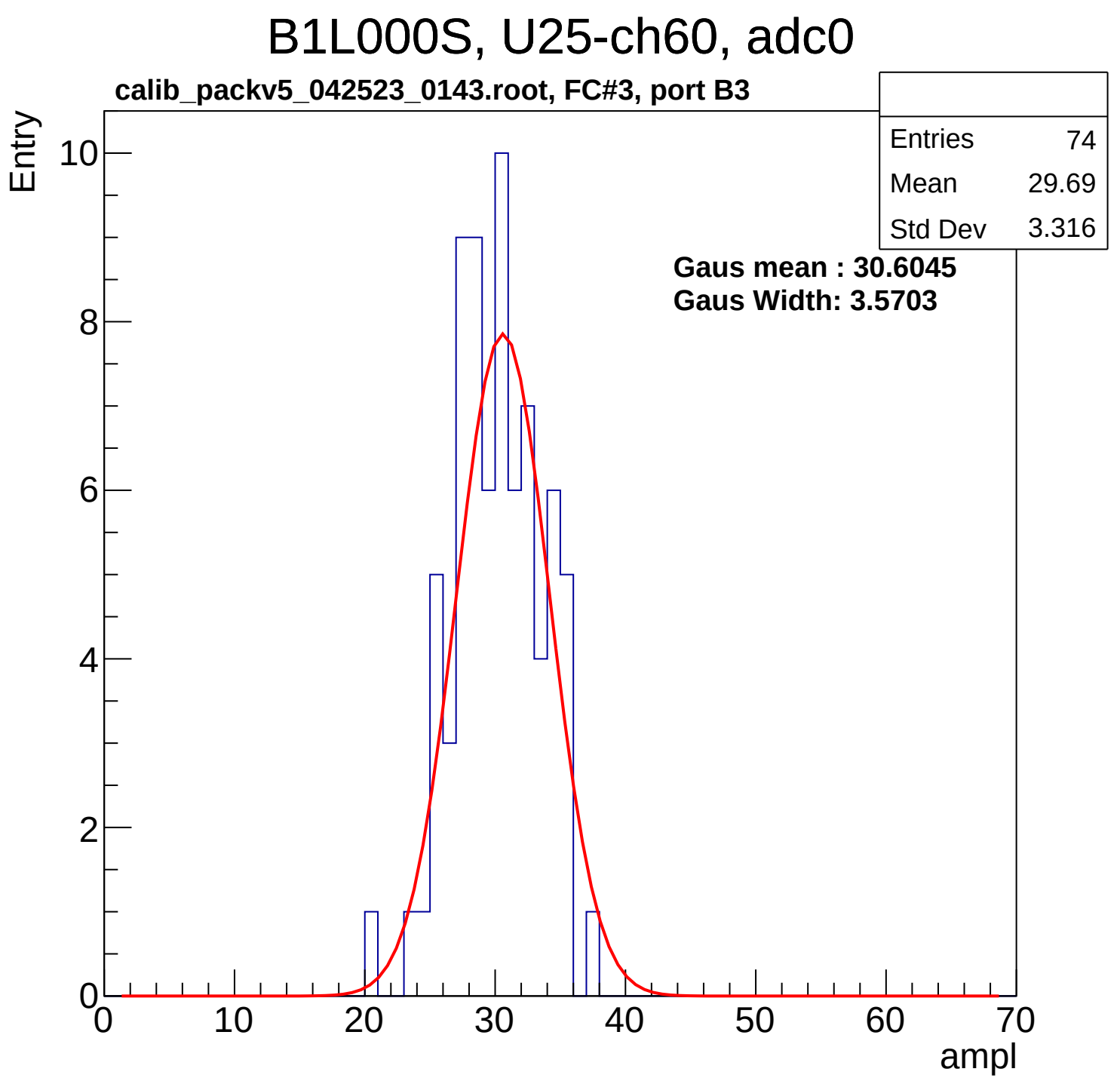
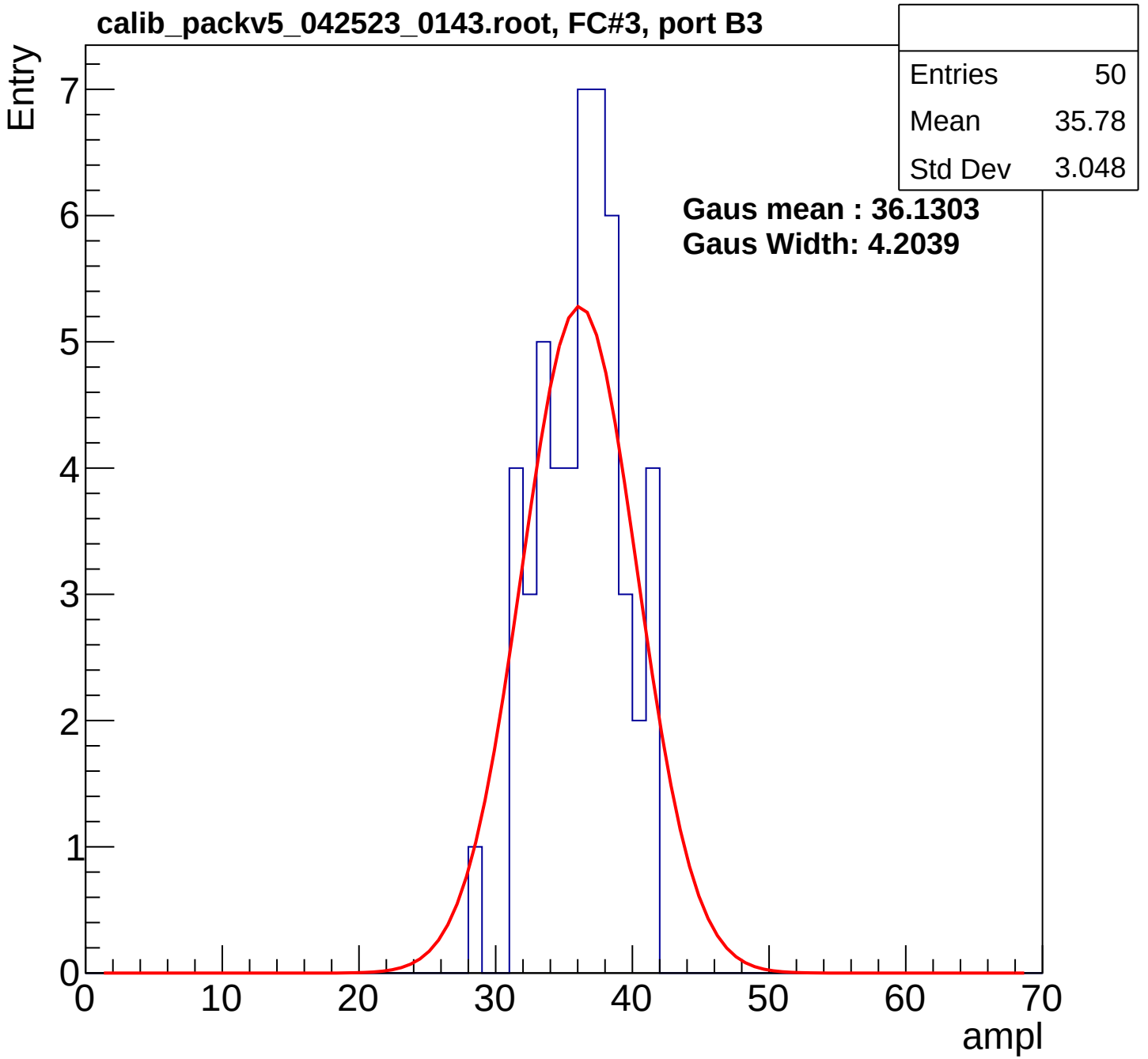

B1L000S, U25-ch59, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 12
Mean 56.92
Std Dev 17.2
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L000S, U25-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, U25-ch60, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 29.69
Std Dev 3.316
Gaus mean : 30.6045
Gaus Width: 3.5703
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch60, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 35.78
Std Dev 3.048
Gaus mean : 36.1303
Gaus Width: 4.2039
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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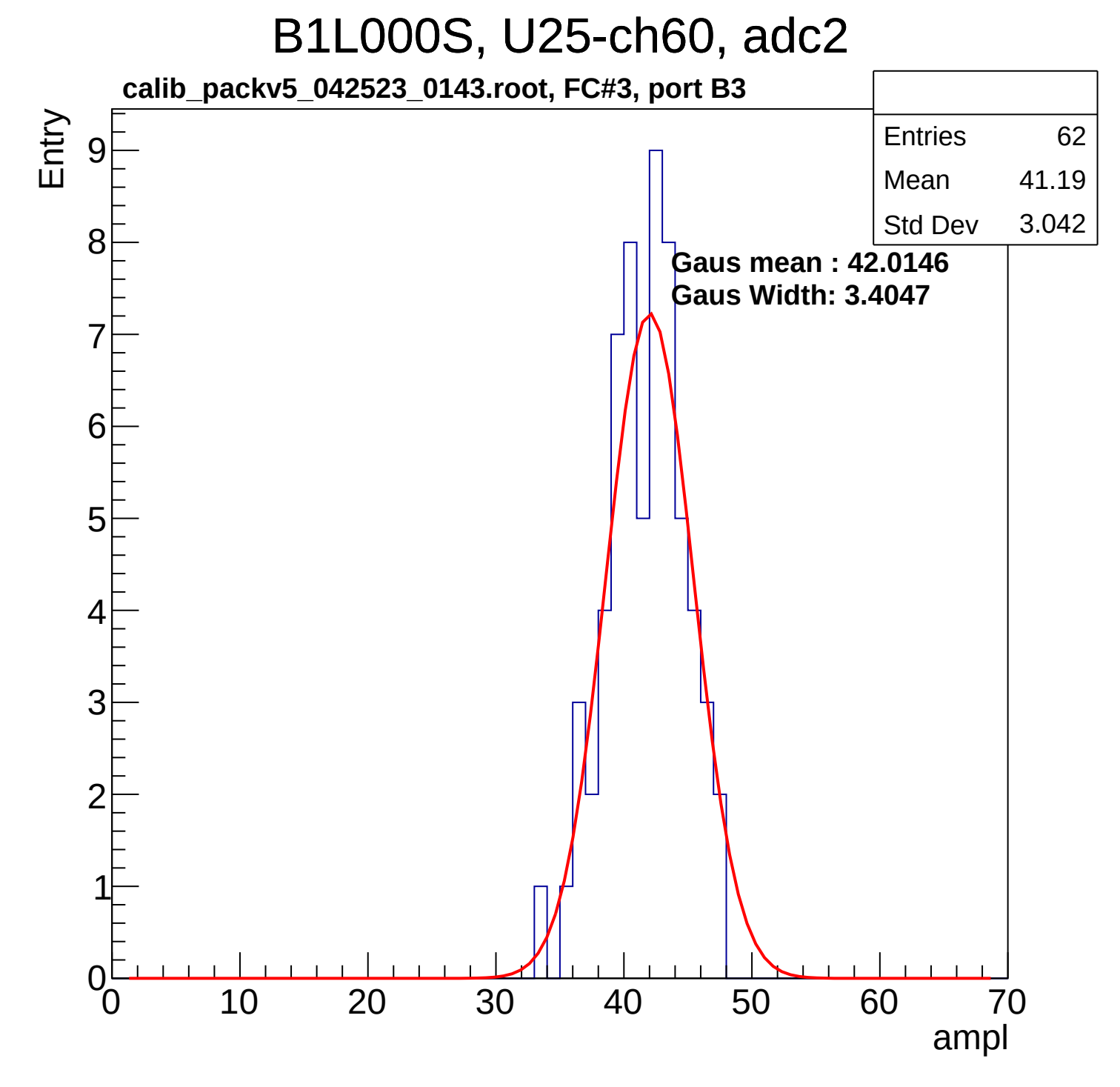
B1L000S, U25-ch60, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 41.19
Std Dev 3.042
Gaus mean : 42.0146
Gaus Width: 3.4047
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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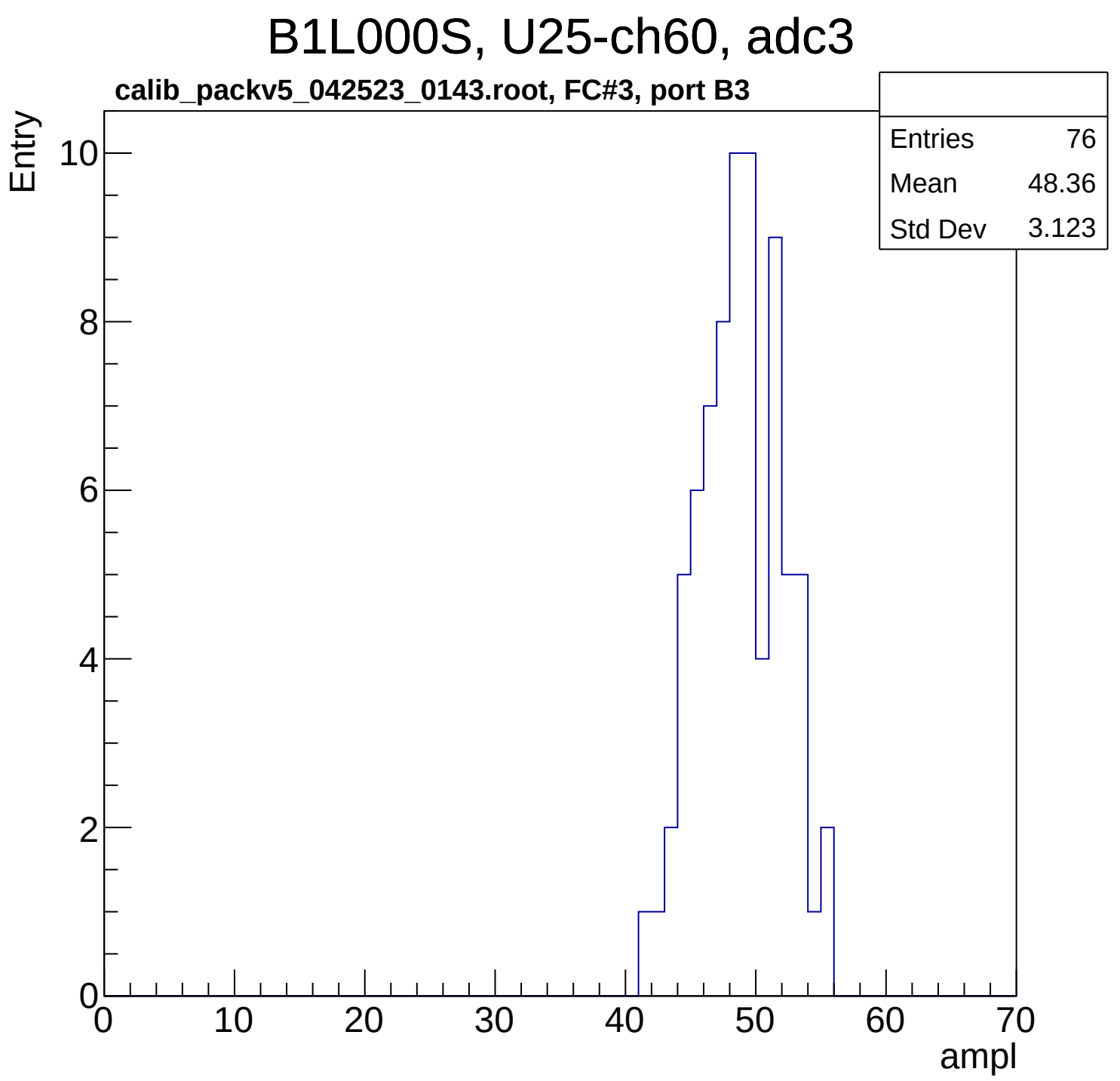
B1L000S, U25-ch60, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 48.36
Std Dev 3.123
Entry
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2
4
6
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10
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10
20
30
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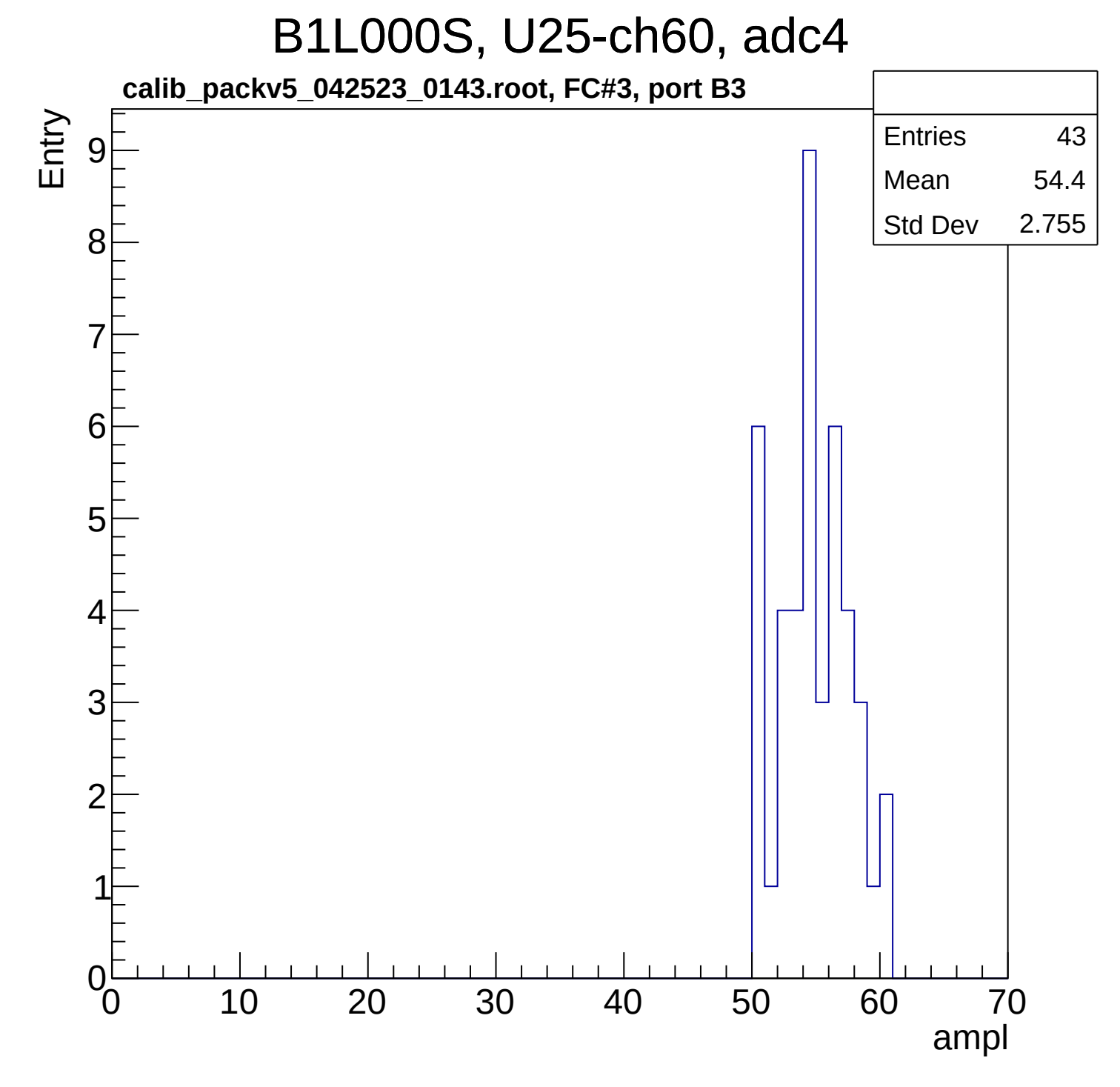
50
60
70
ampl


B1L000S, U25-ch60, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 54.4
Std Dev 2.755
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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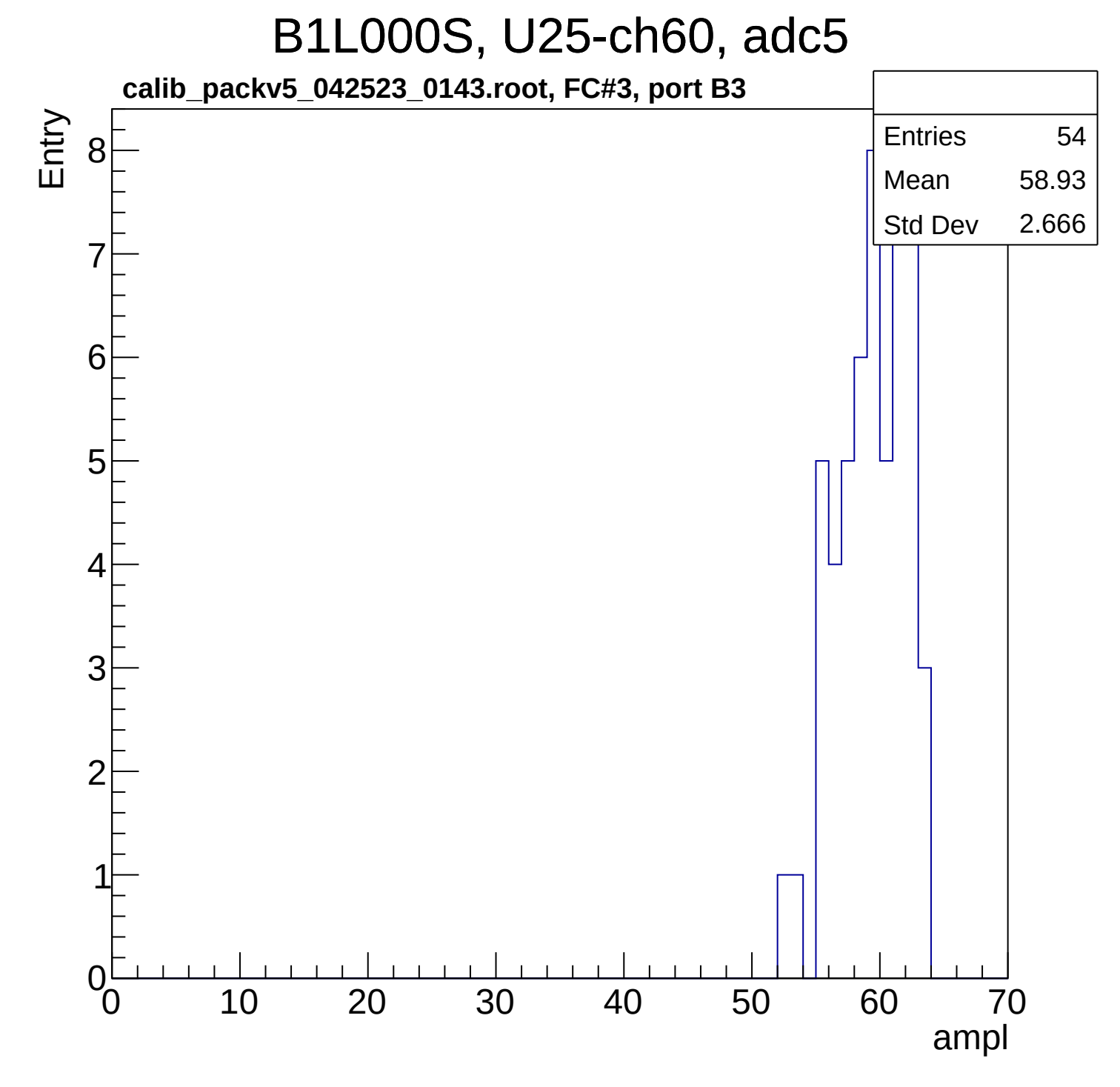
B1L000S, U25-ch60, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 58.93
Std Dev 2.666
Entry
ampl
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3
4
5
6
7
8
0
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20
30
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60
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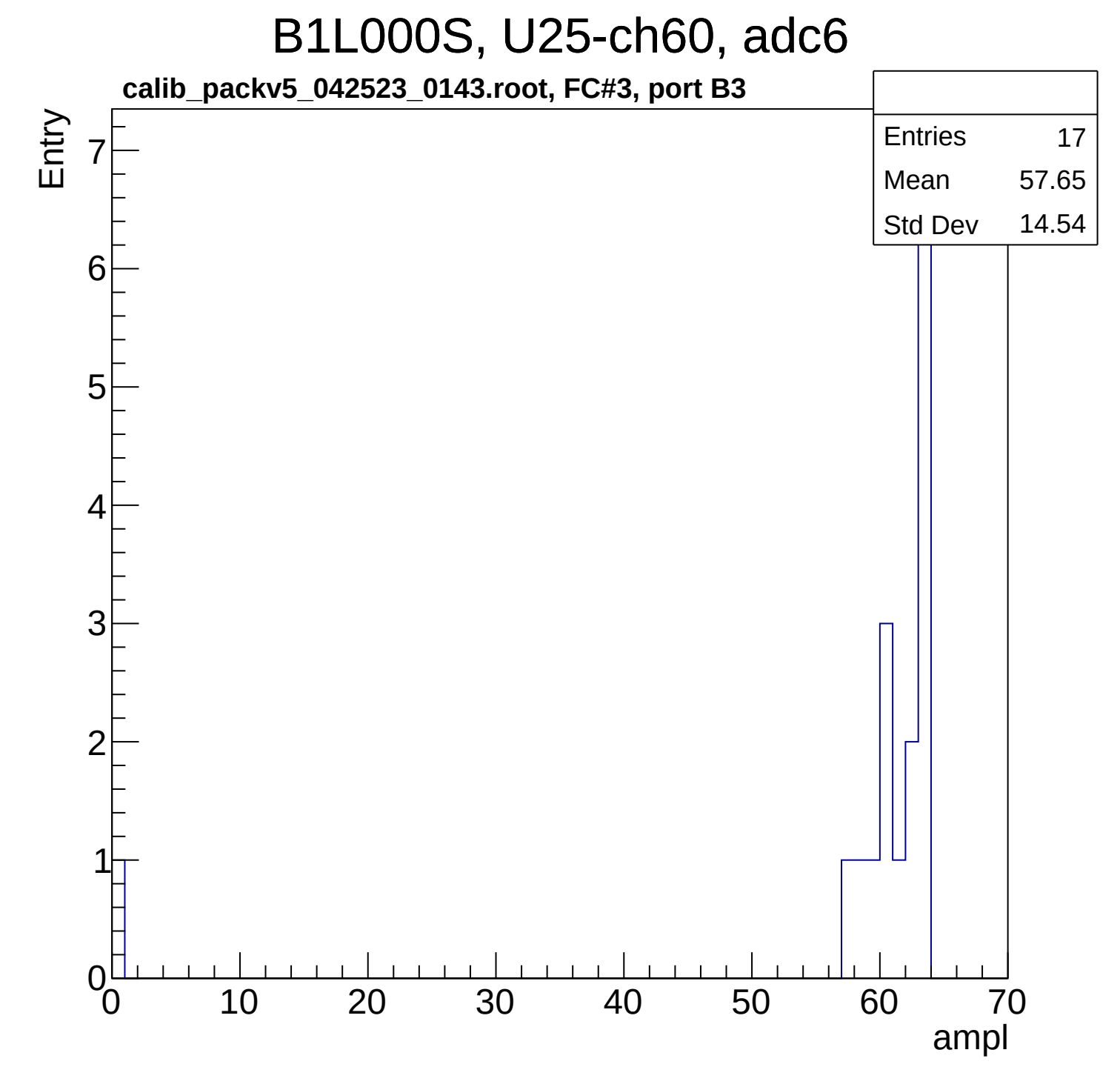
B1L000S, U25-ch60, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 57.65
Std Dev 14.54
Entry
ampl
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3
4
5
6
7
0
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20
30
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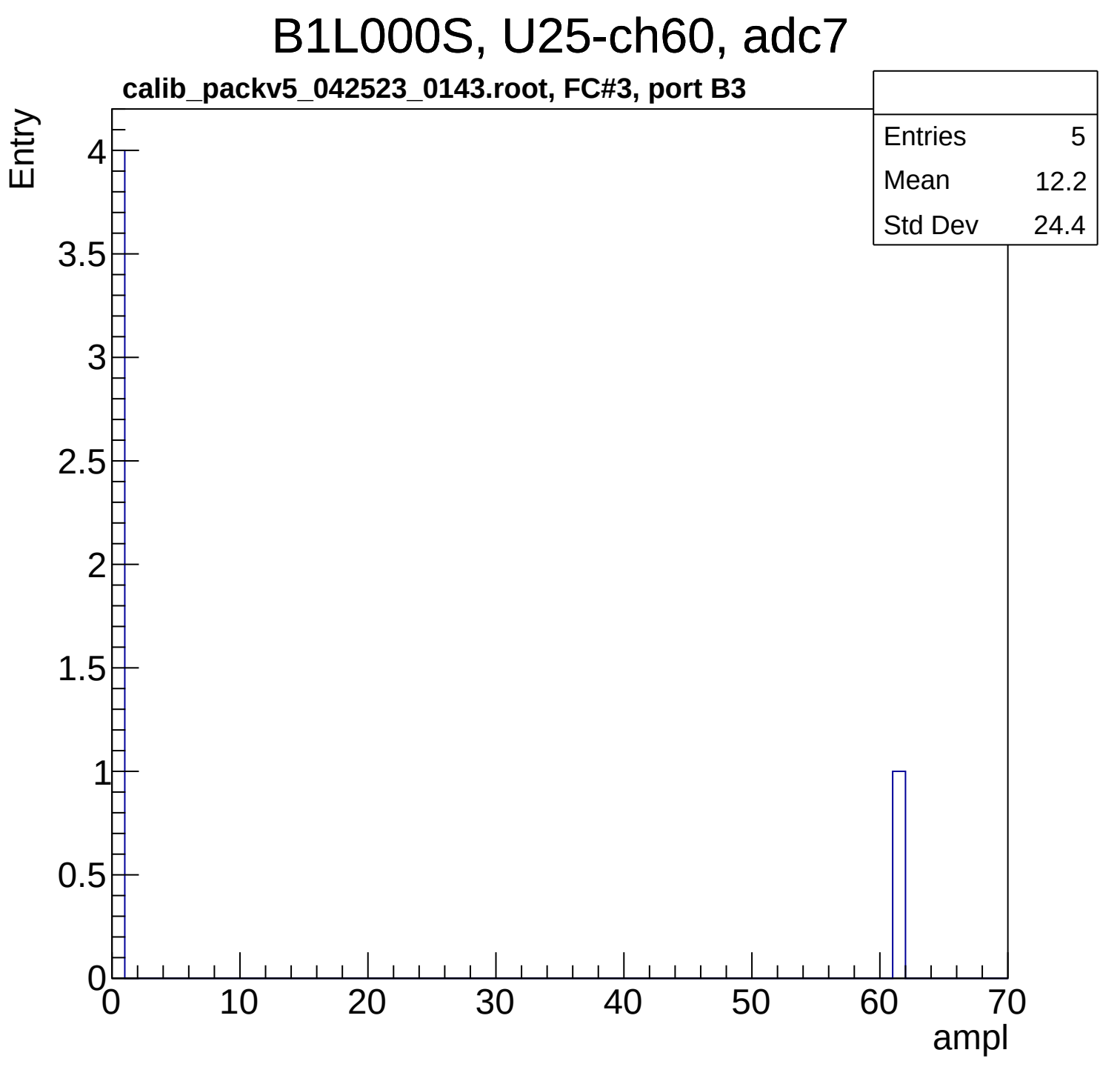
50
60
70


B1L000S, U25-ch60, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 12.2
Std Dev 24.4
Entry
ampl
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1.5
2
2.5
3
3.5
4
0
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40
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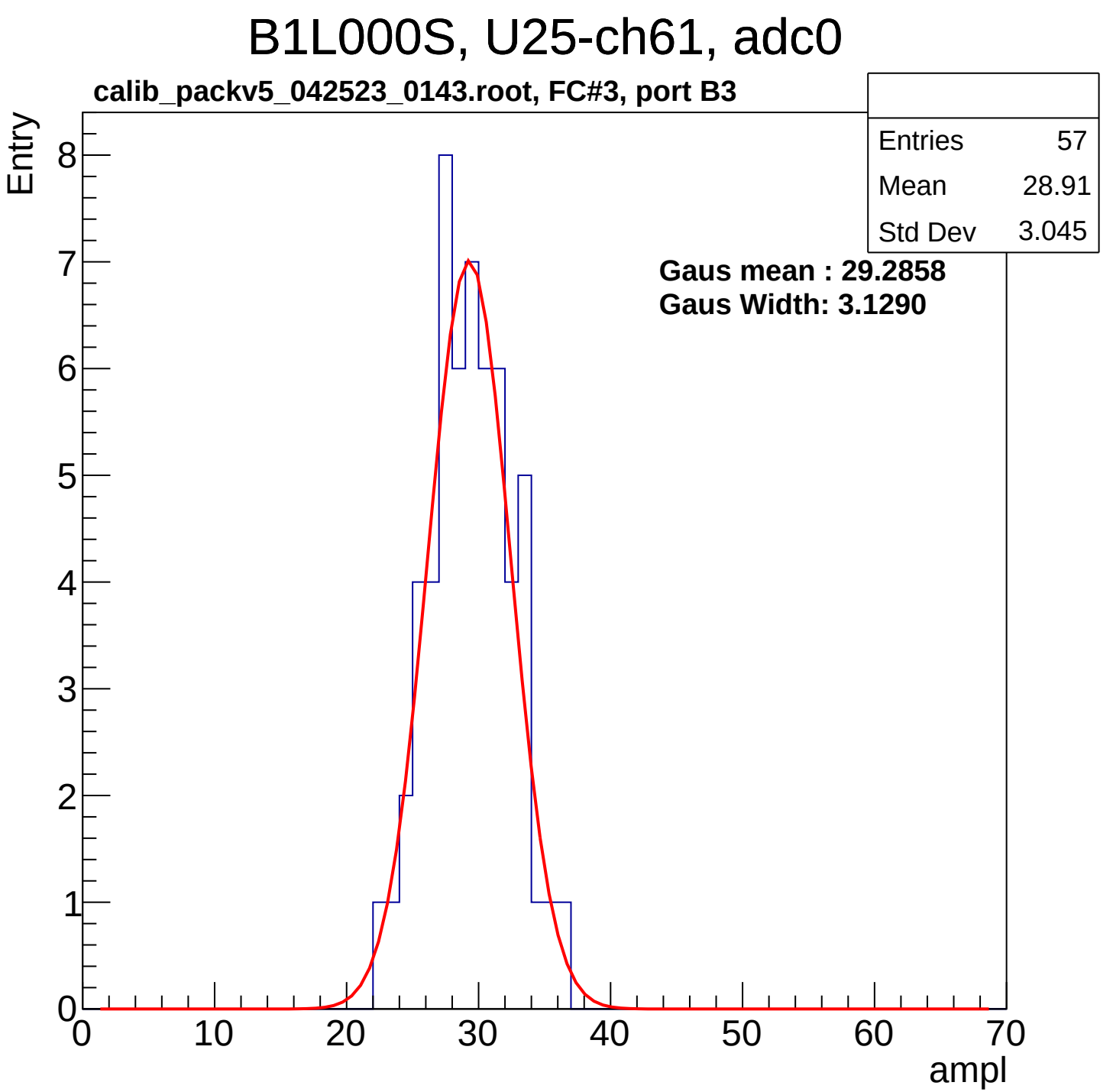
B1L000S, U25-ch61, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 28.91
Std Dev 3.045
Gaus mean : 29.2858
Gaus Width: 3.1290
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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60
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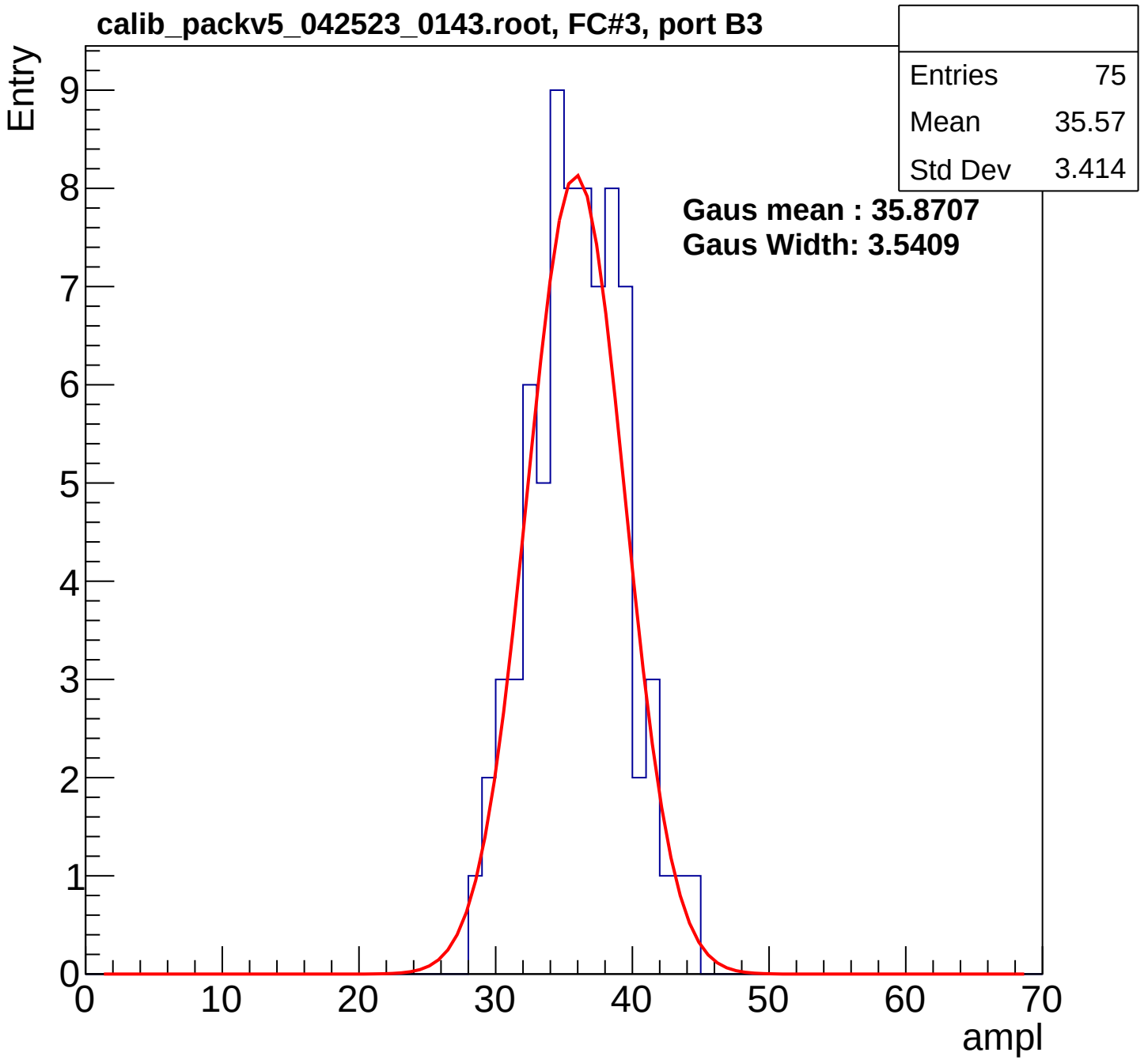
B1L000S, U25-ch61, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 35.57
Std Dev 3.414
Gaus mean : 35.8707
Gaus Width: 3.5409
Entry
ampl
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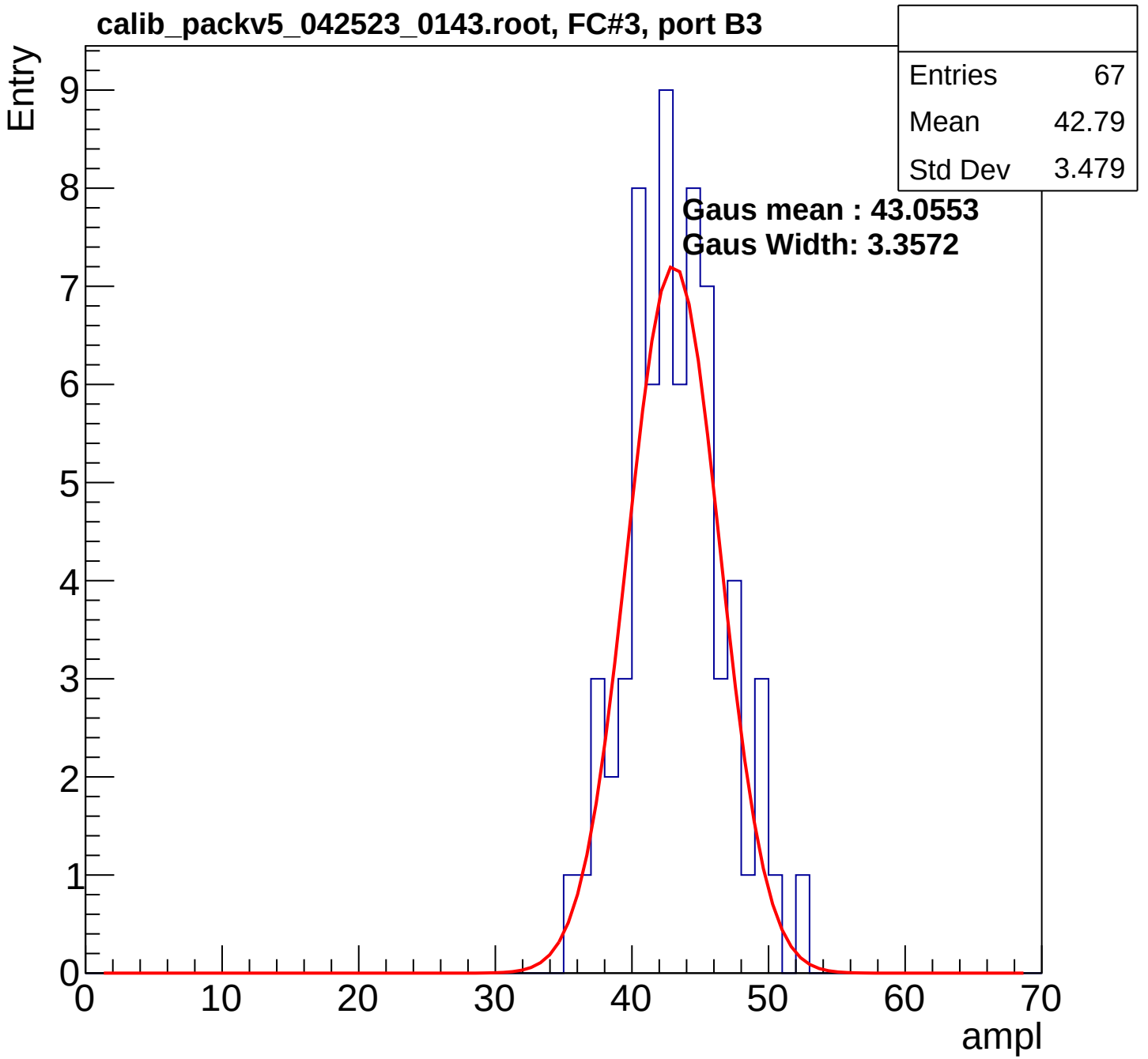
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch61, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 42.79
Std Dev 3.479
Gaus mean : 43.0553
Gaus Width: 3.3572
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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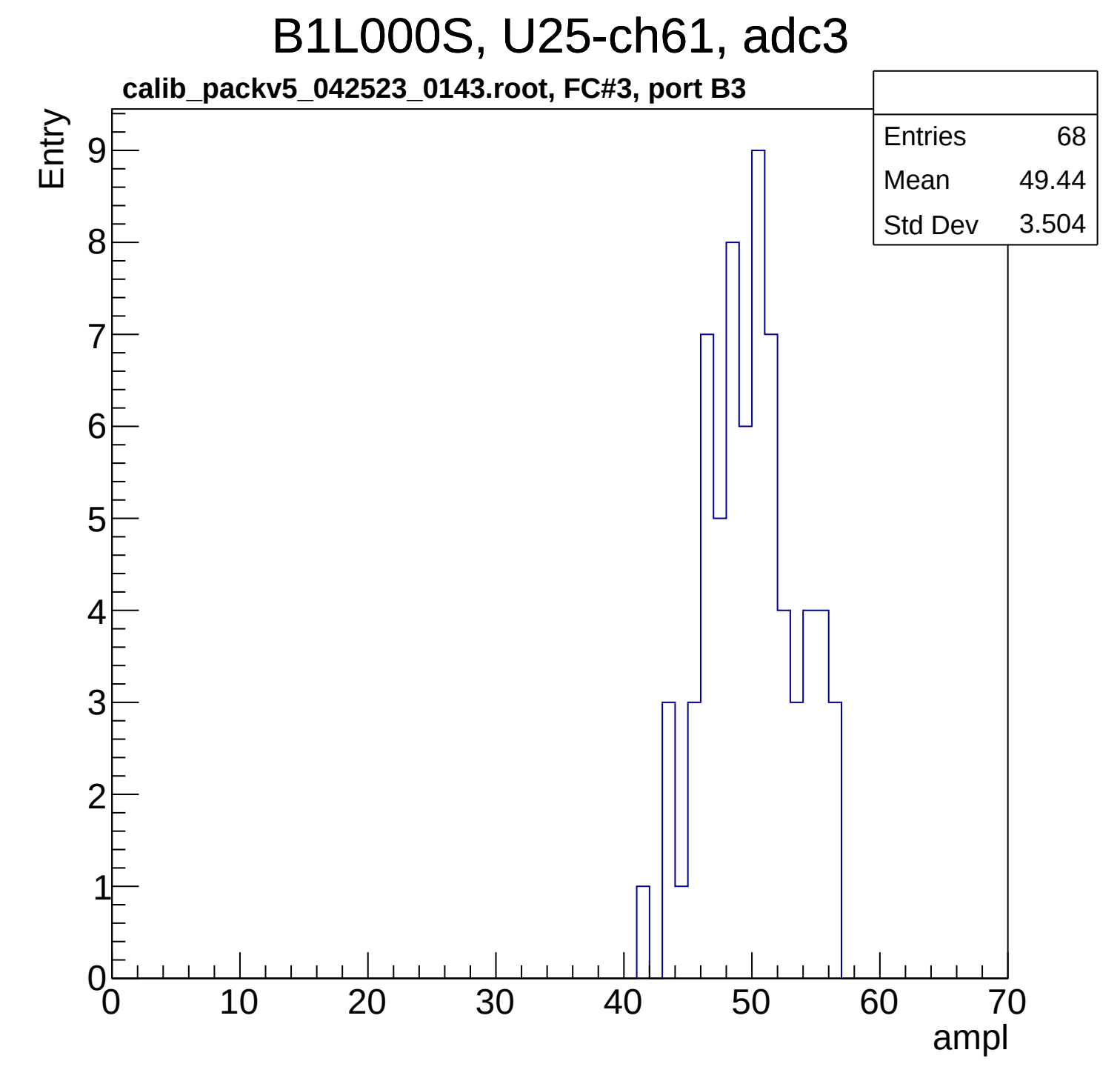
B1L000S, U25-ch61, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 49.44
Std Dev 3.504
Entry
ampl
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3
4
5
6
7
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9
0
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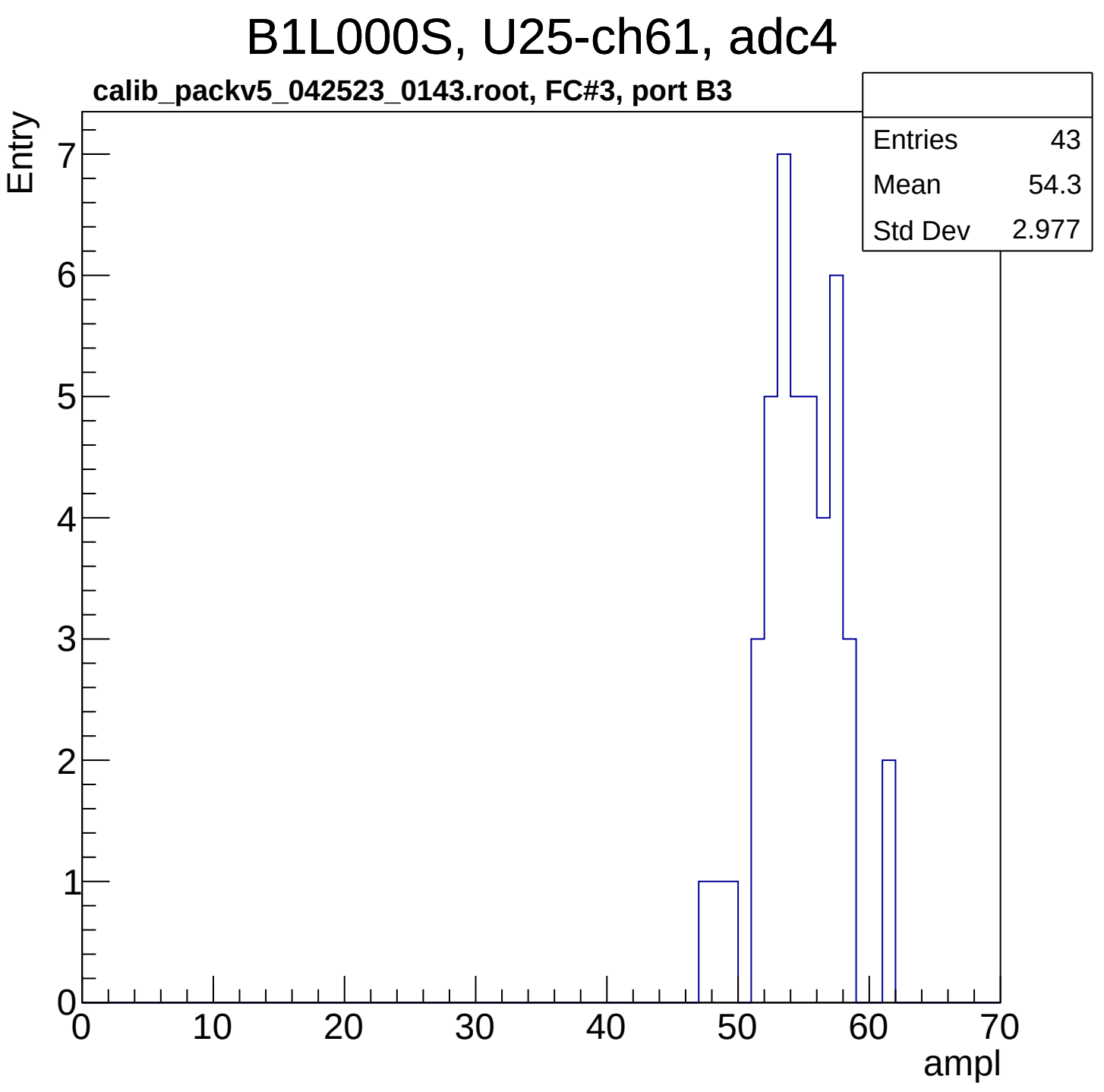
B1L000S, U25-ch61, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 54.3
Std Dev 2.977
Entry
ampl
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3
4
5
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7
0
10
20
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40
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60
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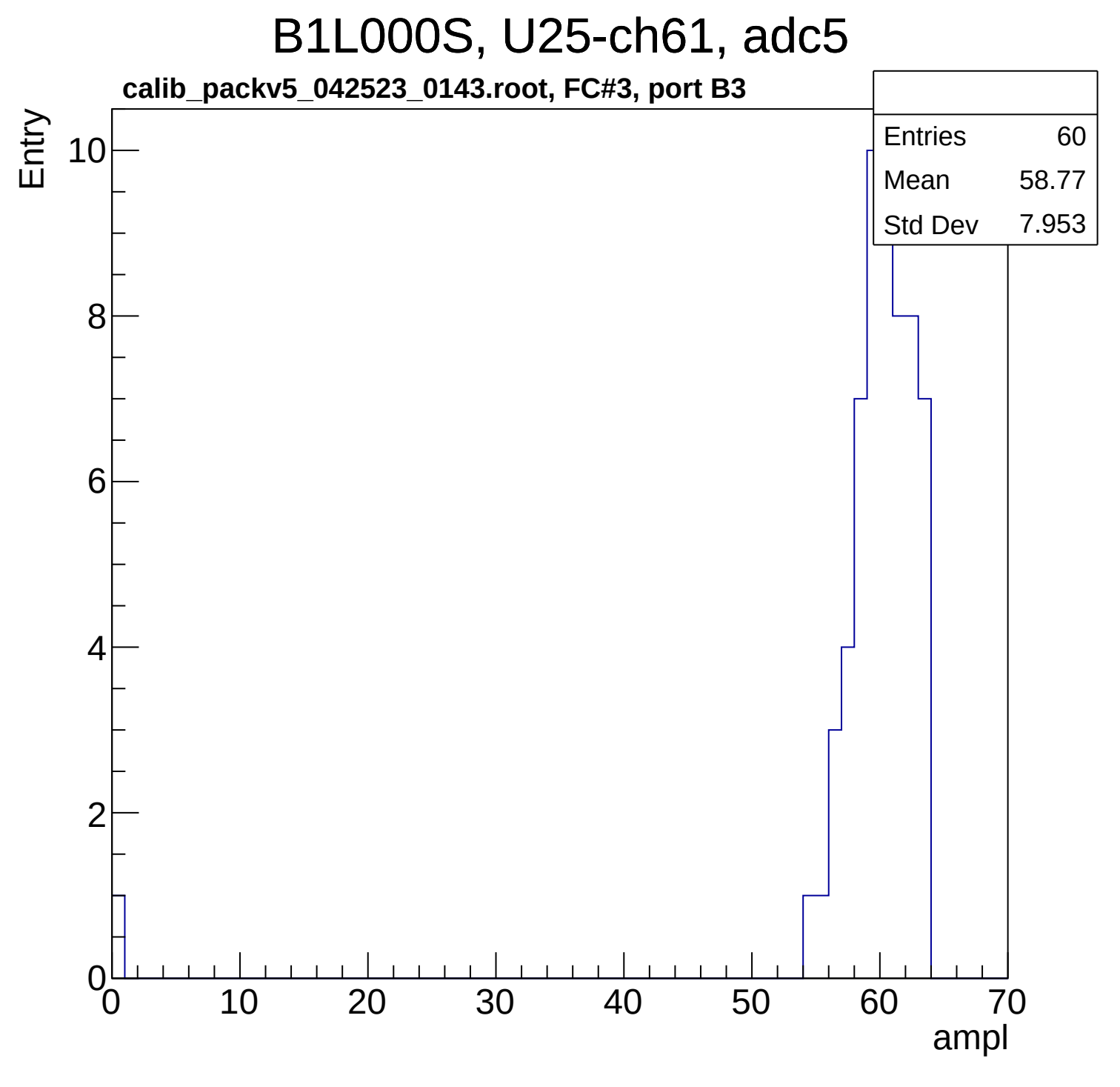
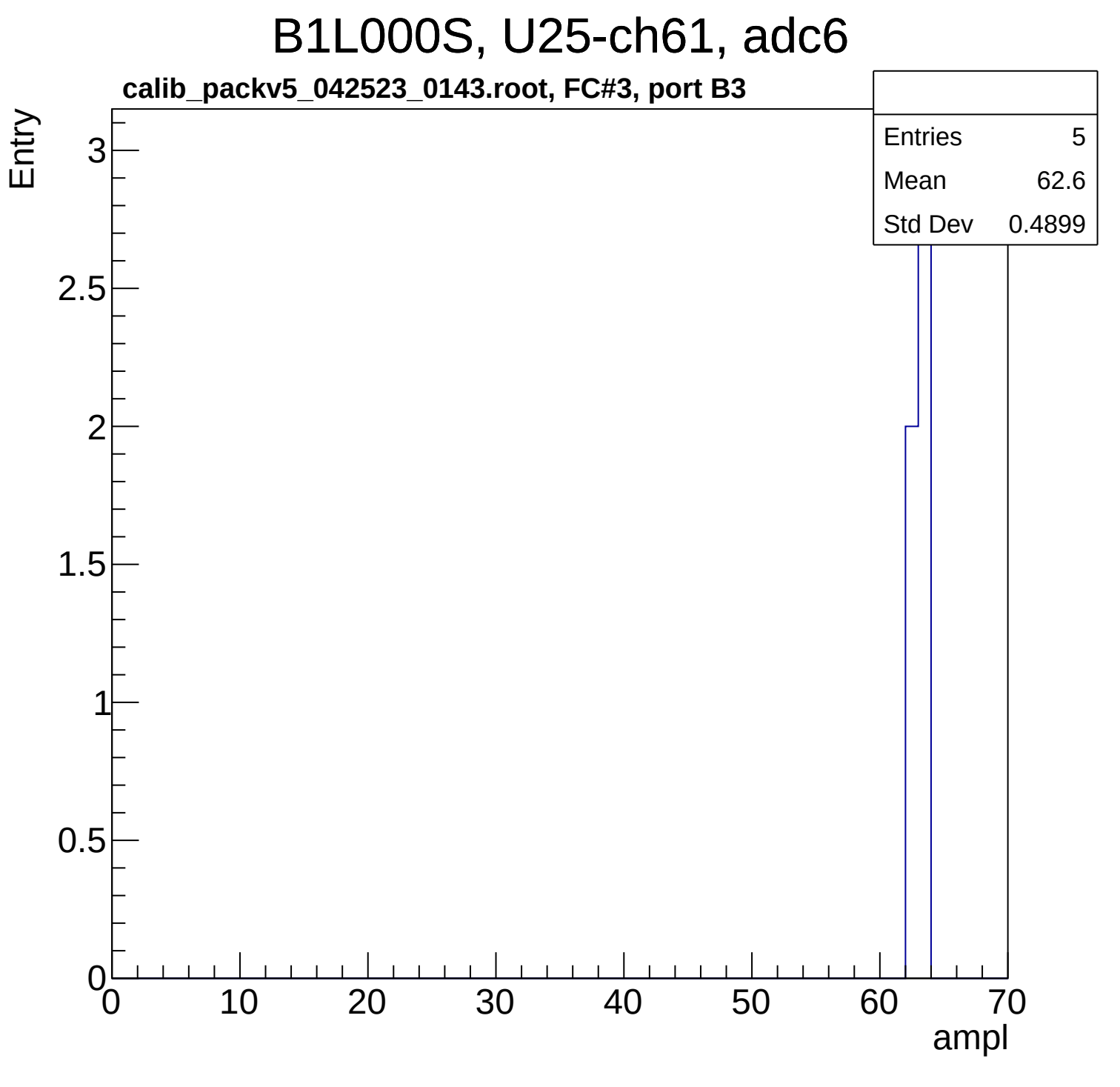

B1L000S, U25-ch61, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 58.77
Std Dev 7.953
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch61, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 62.6
Std Dev 0.4899
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
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40
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60
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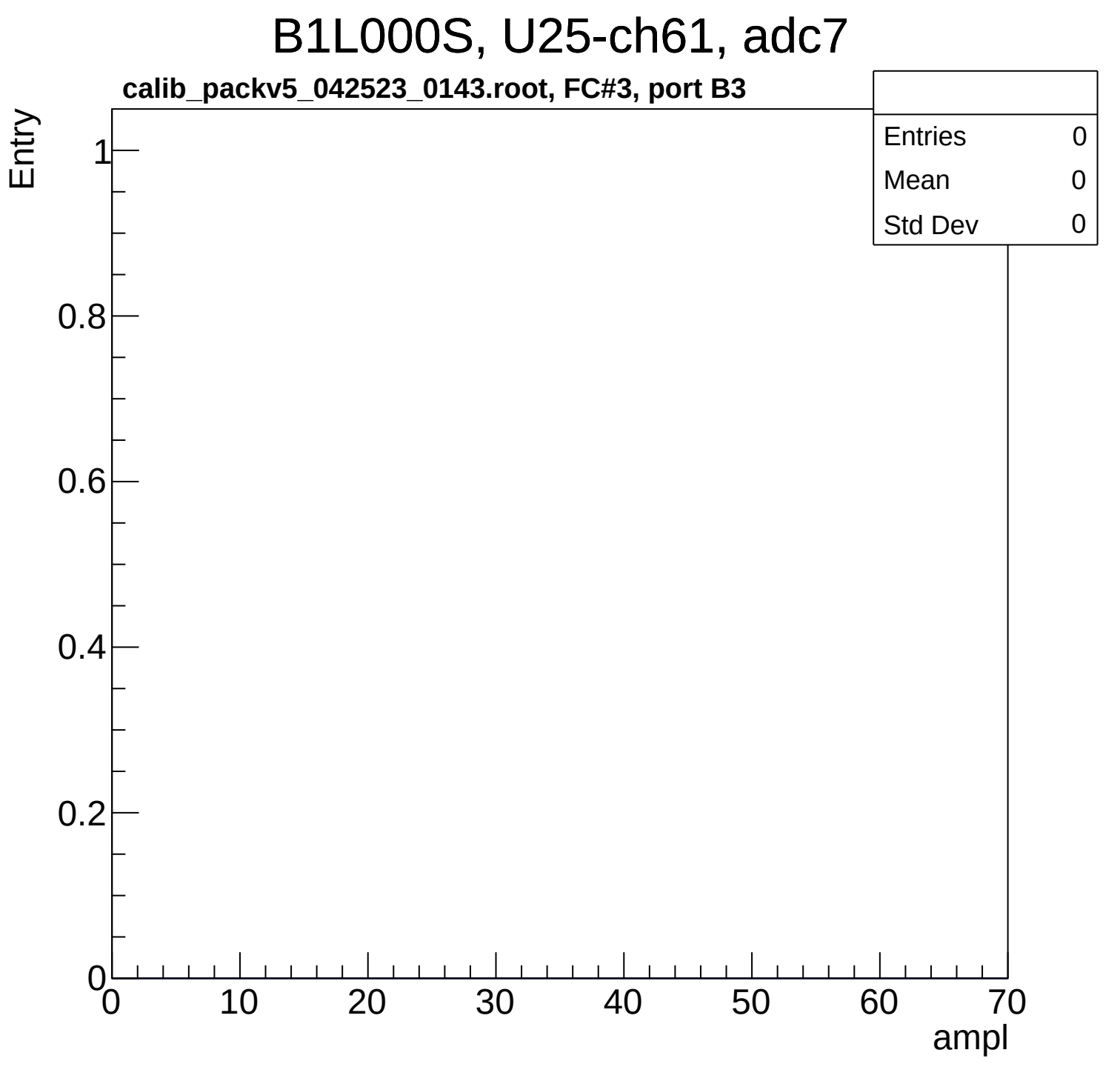
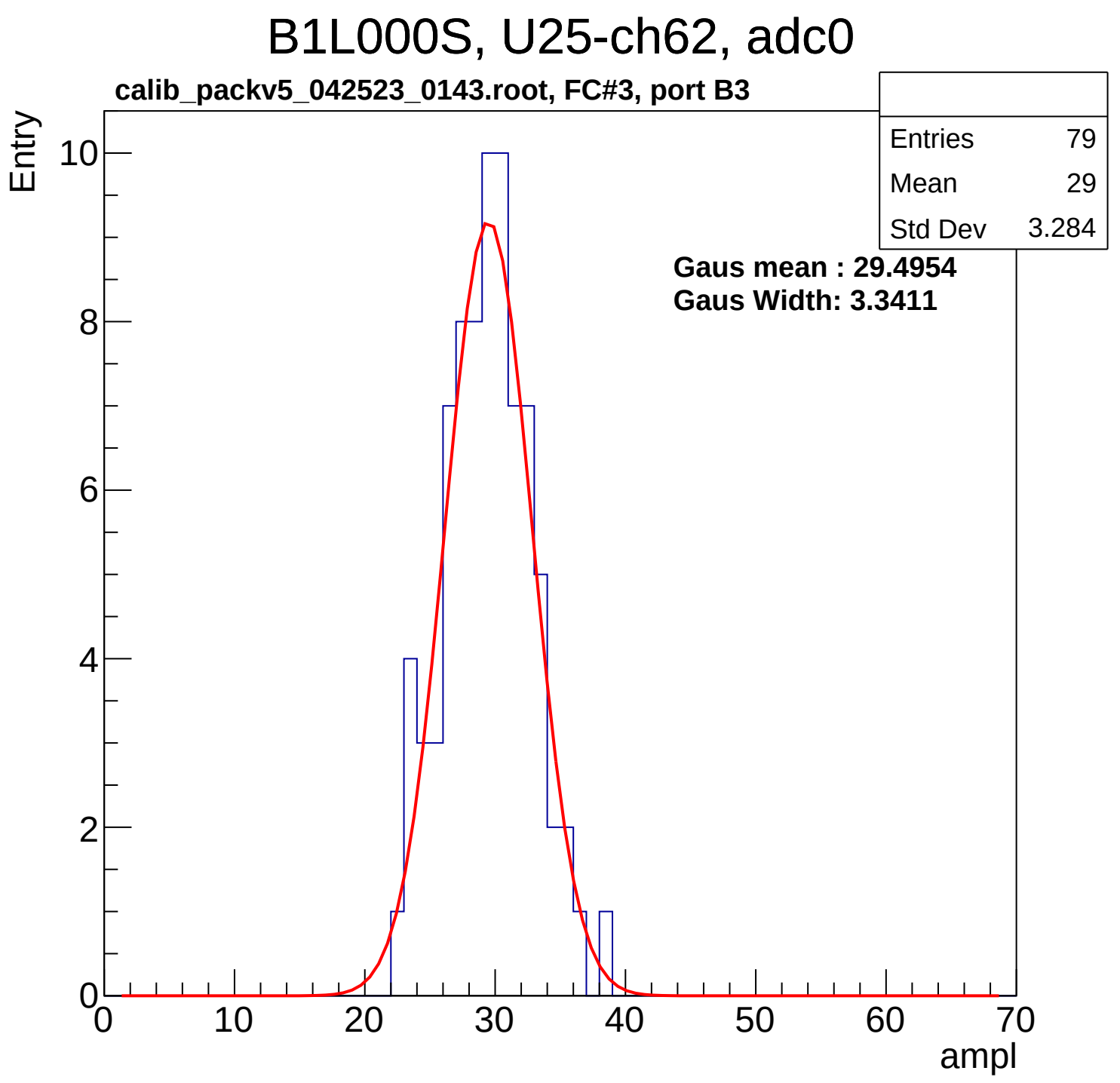

B1L000S, U25-ch61, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch62, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 29
Std Dev 3.284
Gaus mean : 29.4954
Gaus Width: 3.3411
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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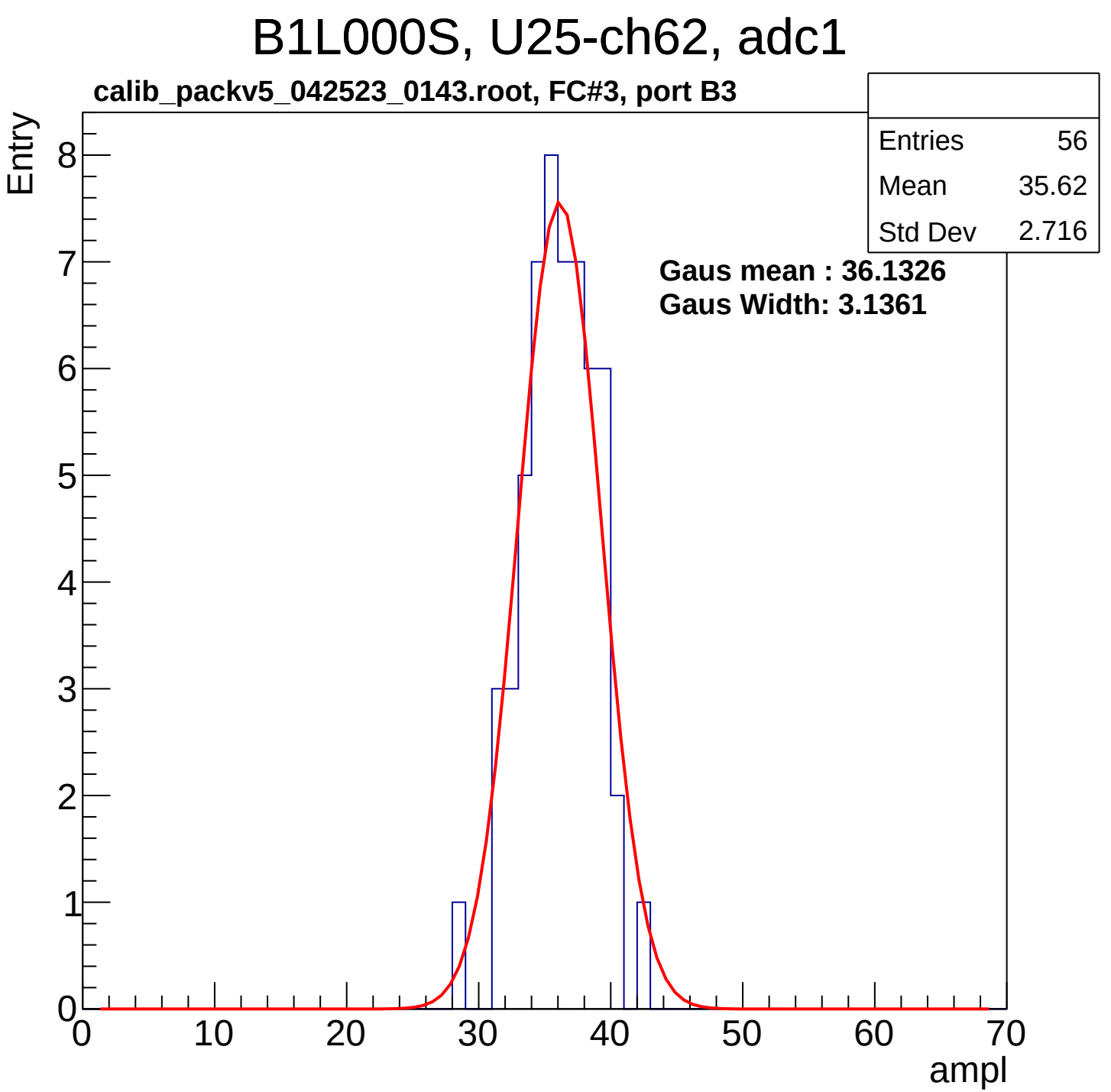
B1L000S, U25-ch62, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 35.62
Std Dev 2.716
Gaus mean : 36.1326
Gaus Width: 3.1361
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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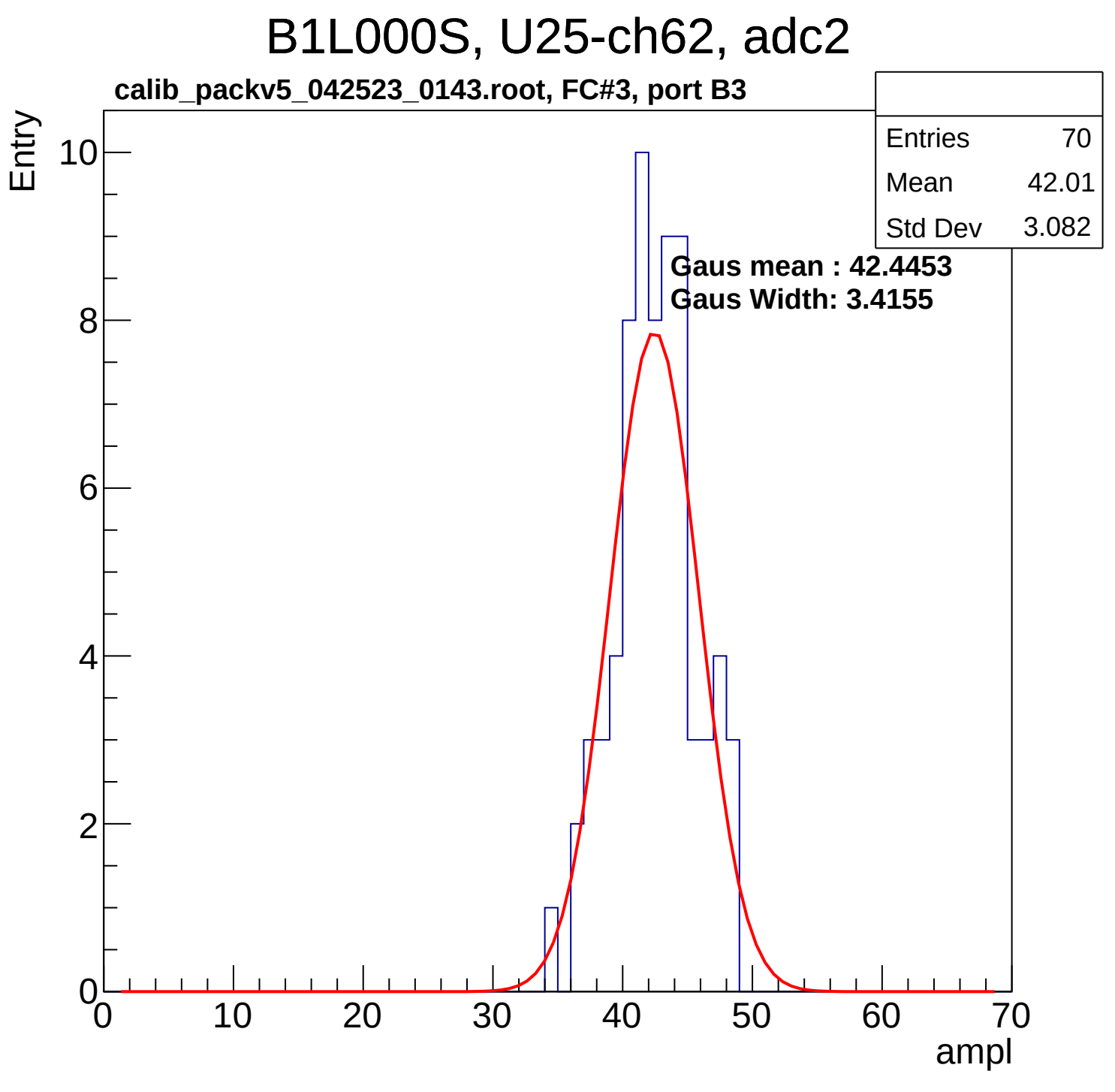
B1L000S, U25-ch62, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 42.01
Std Dev 3.082
Gaus mean : 42.4453
Gaus Width: 3.4155
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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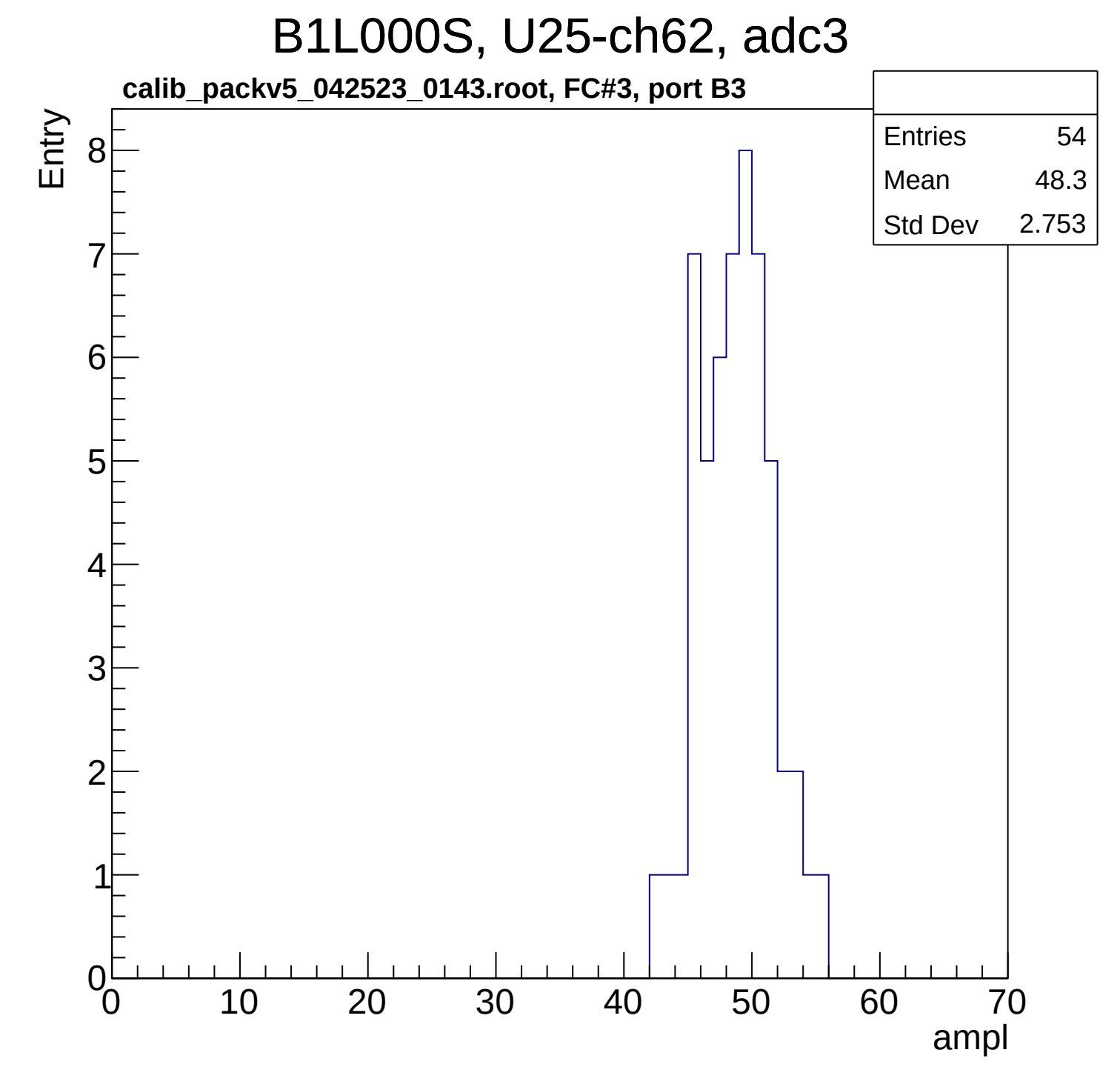
B1L000S, U25-ch62, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 48.3
Std Dev 2.753
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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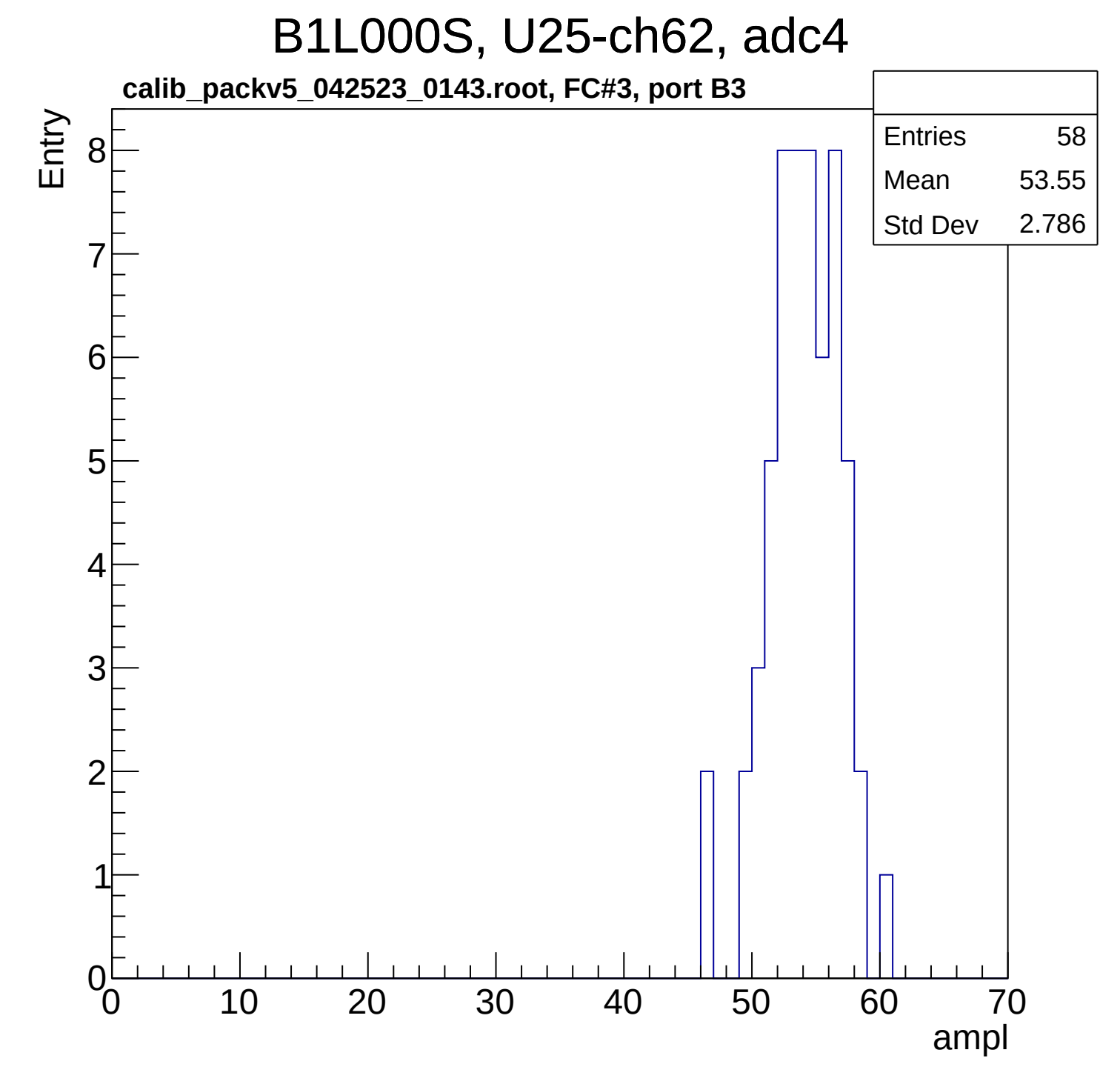
B1L000S, U25-ch62, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 53.55
Std Dev 2.786
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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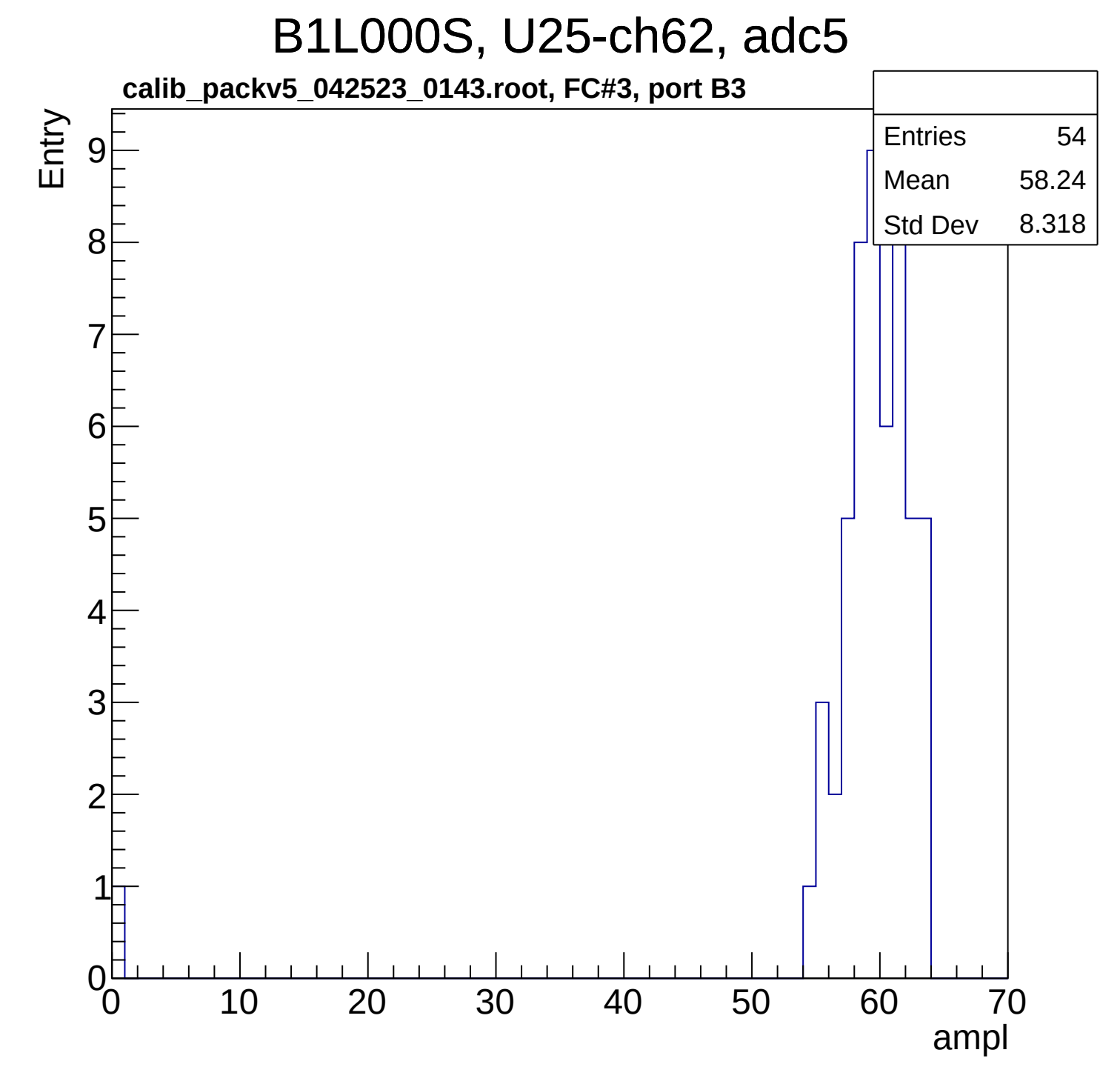
B1L000S, U25-ch62, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 58.24
Std Dev 8.318
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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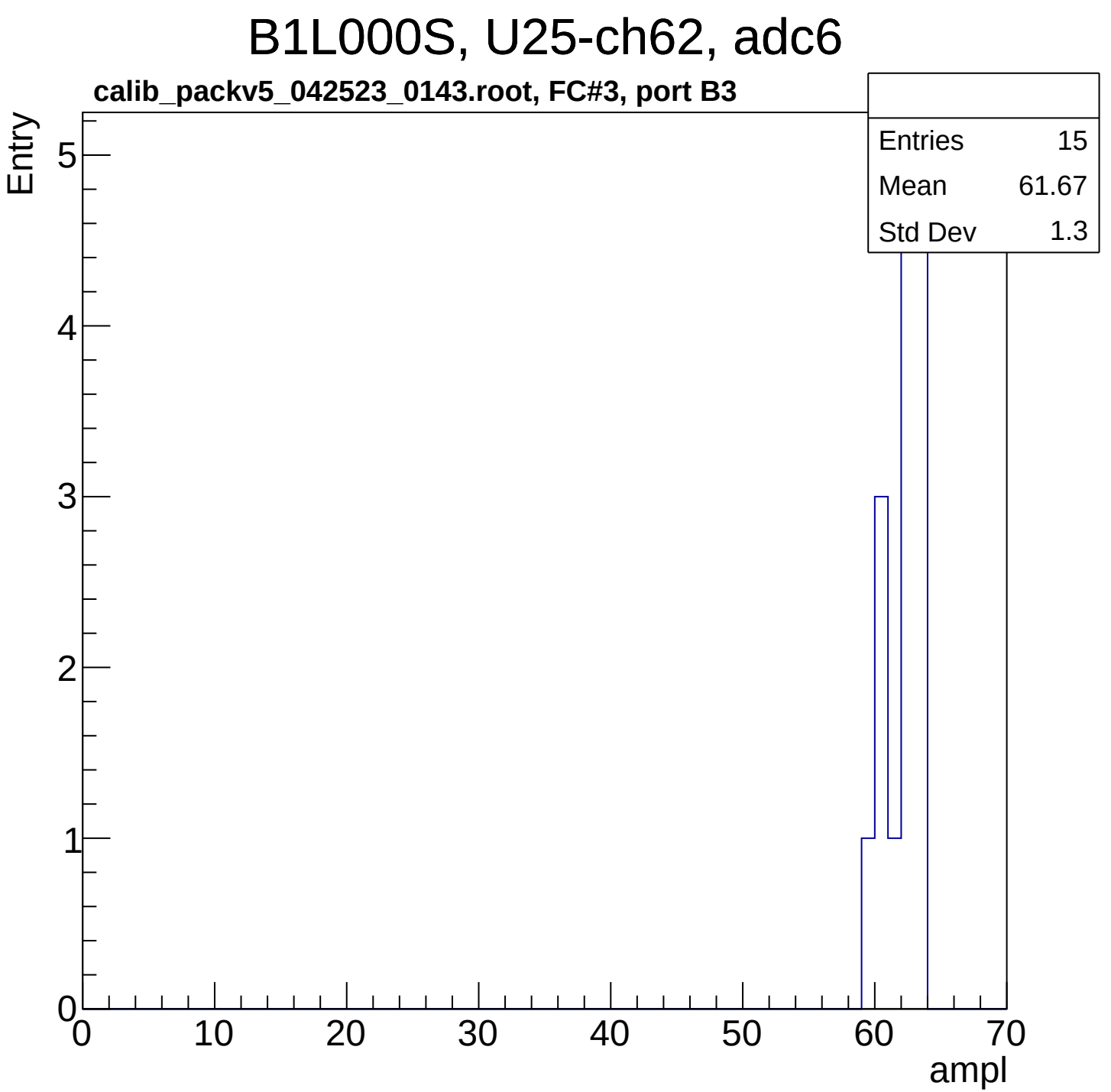
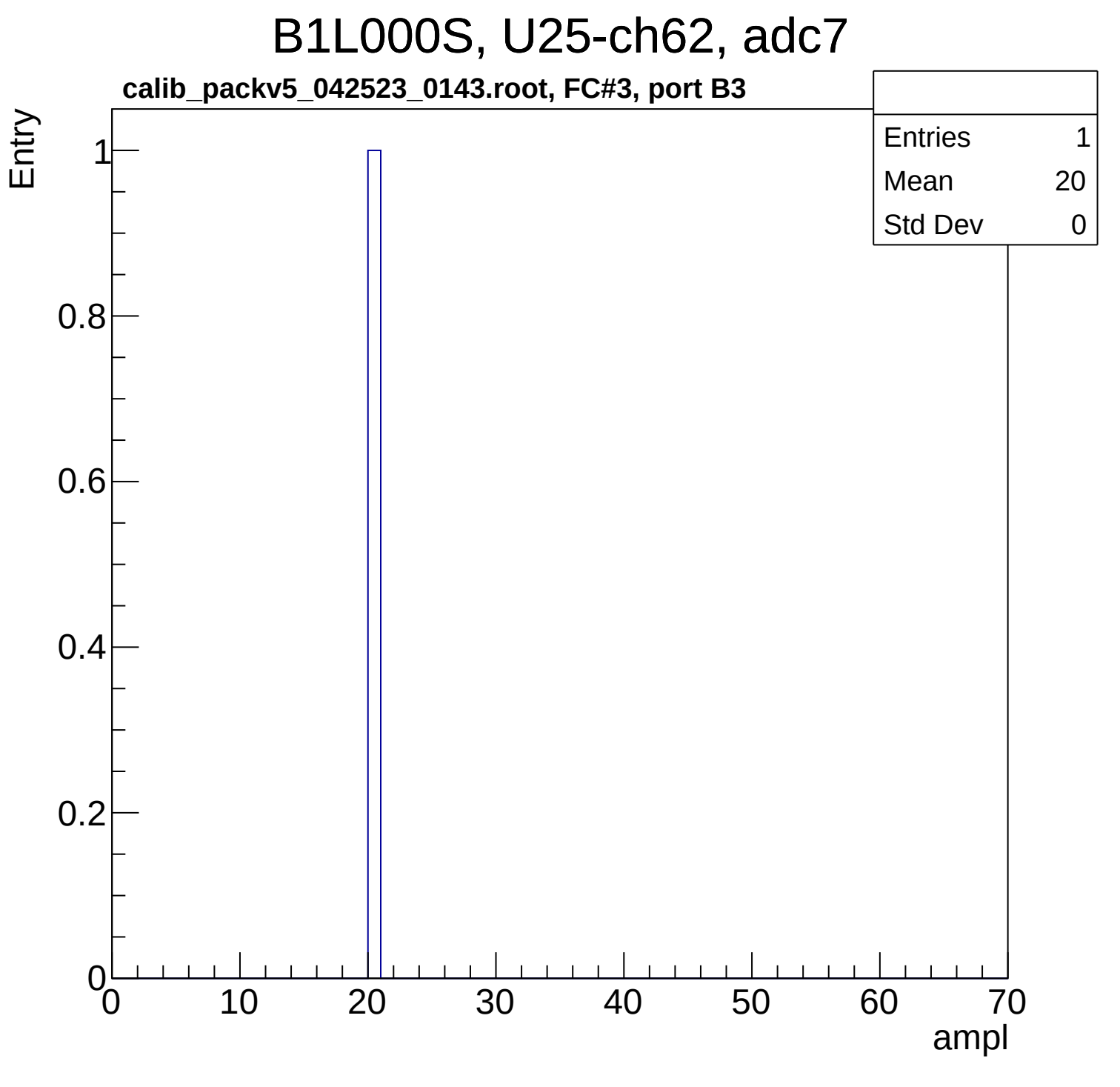
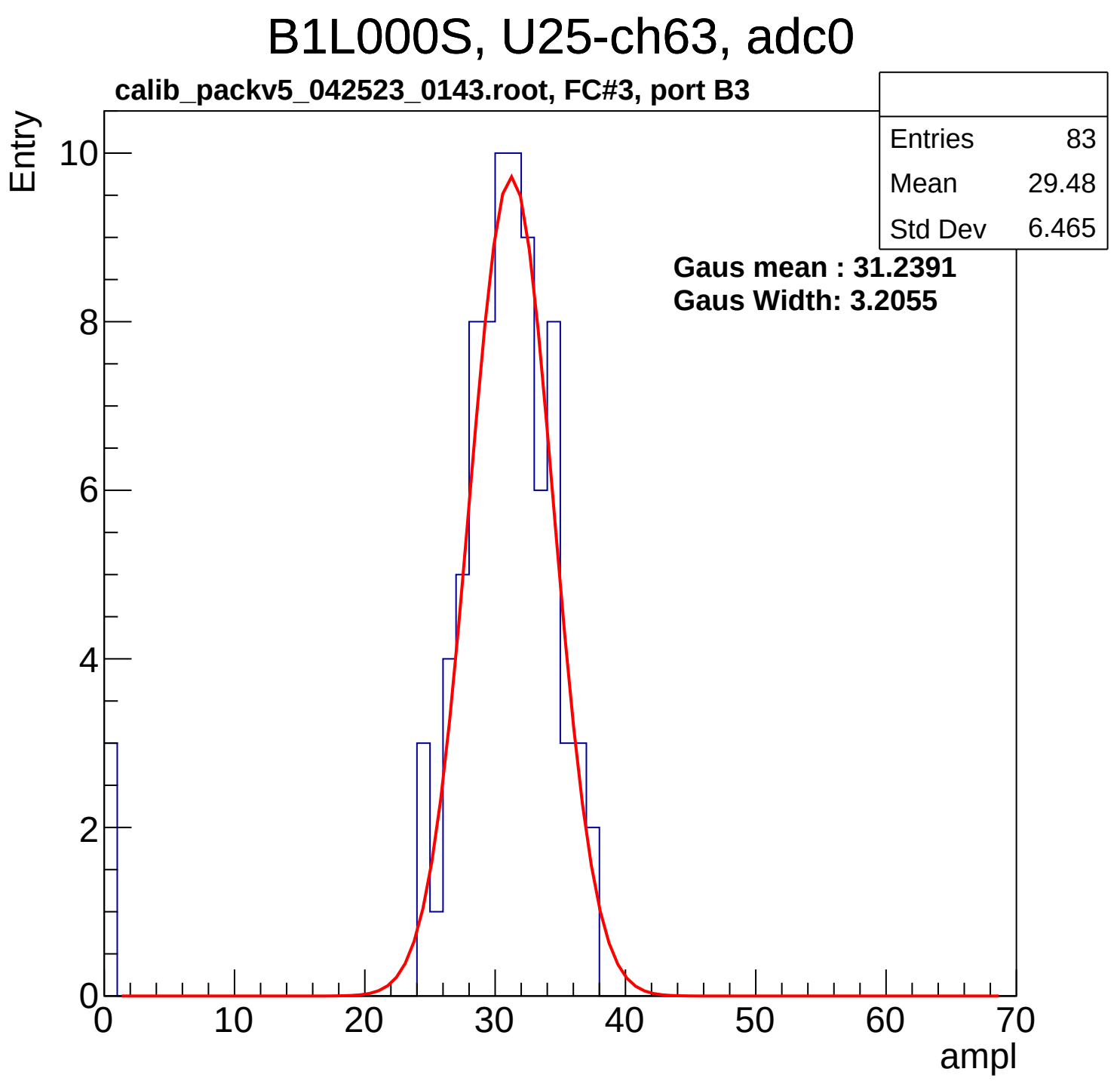
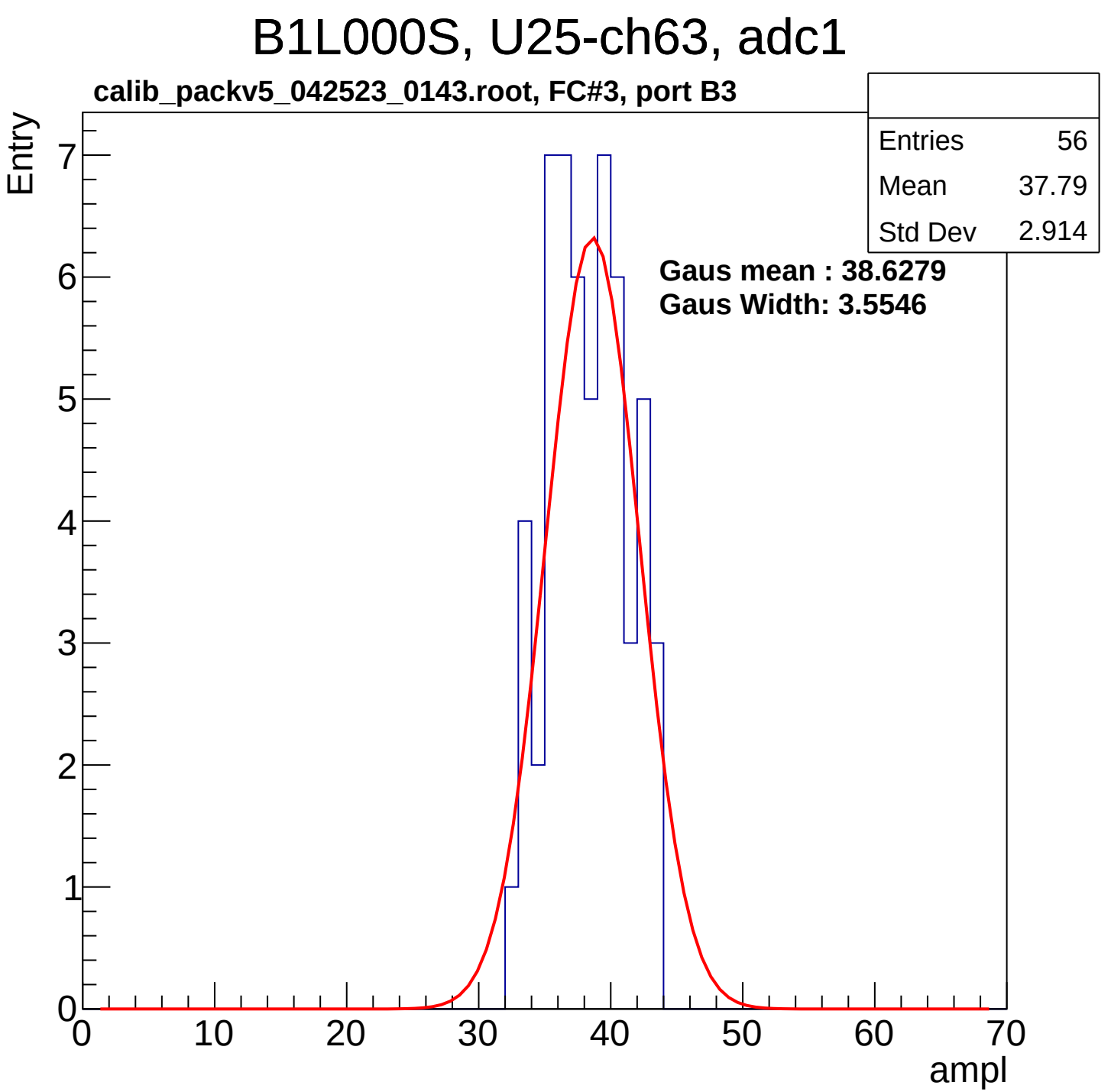

B1L000S, U25-ch62, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 61.67
Std Dev 1.3
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch62, 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, U25-ch63, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 83
Mean 29.48
Std Dev 6.465
Gaus mean : 31.2391
Gaus Width: 3.2055
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch63, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 37.79
Std Dev 2.914
Gaus mean : 38.6279
Gaus Width: 3.5546
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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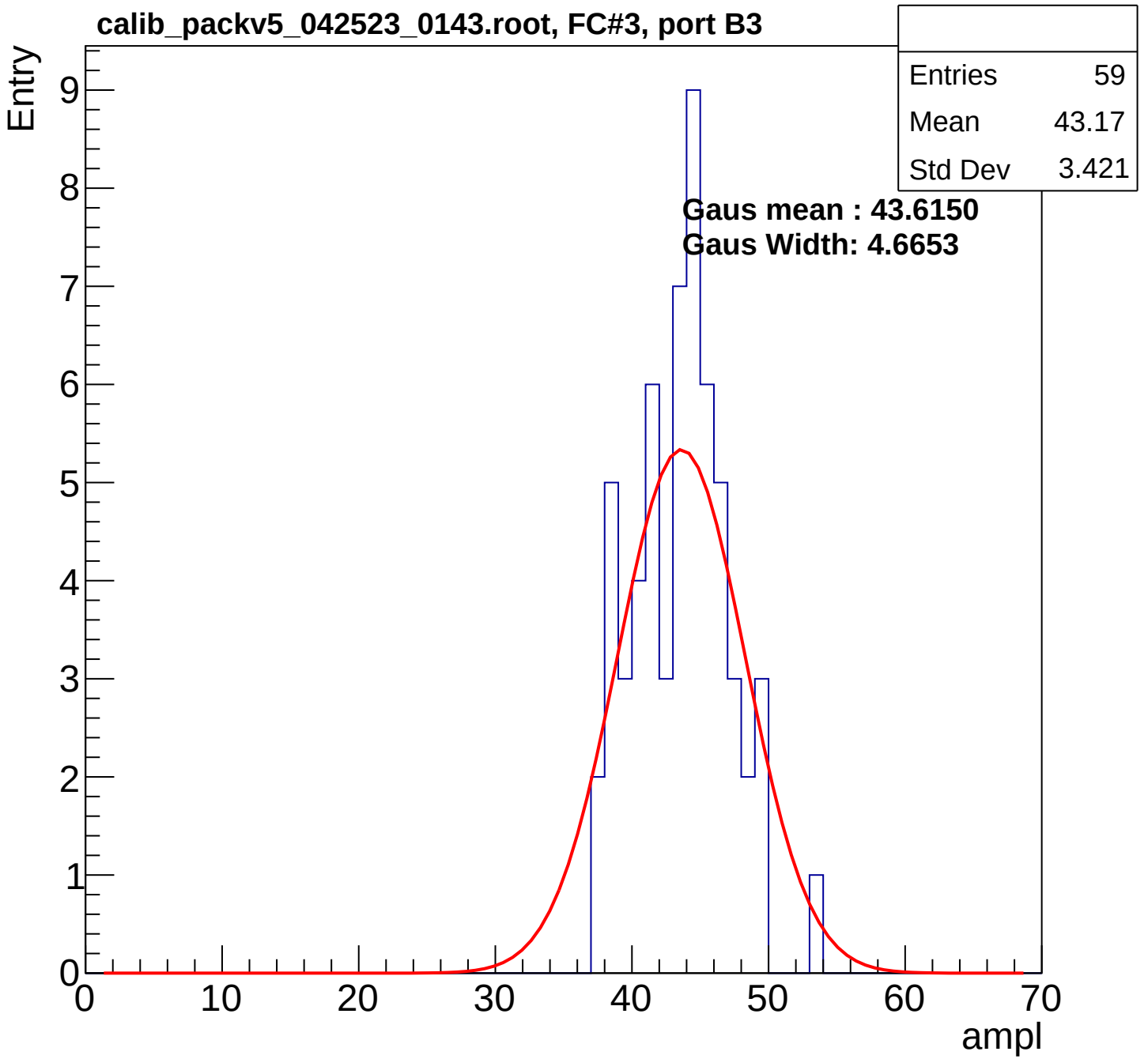
B1L000S, U25-ch63, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 43.17
Std Dev 3.421
Gaus mean : 43.6150
Gaus Width: 4.6653
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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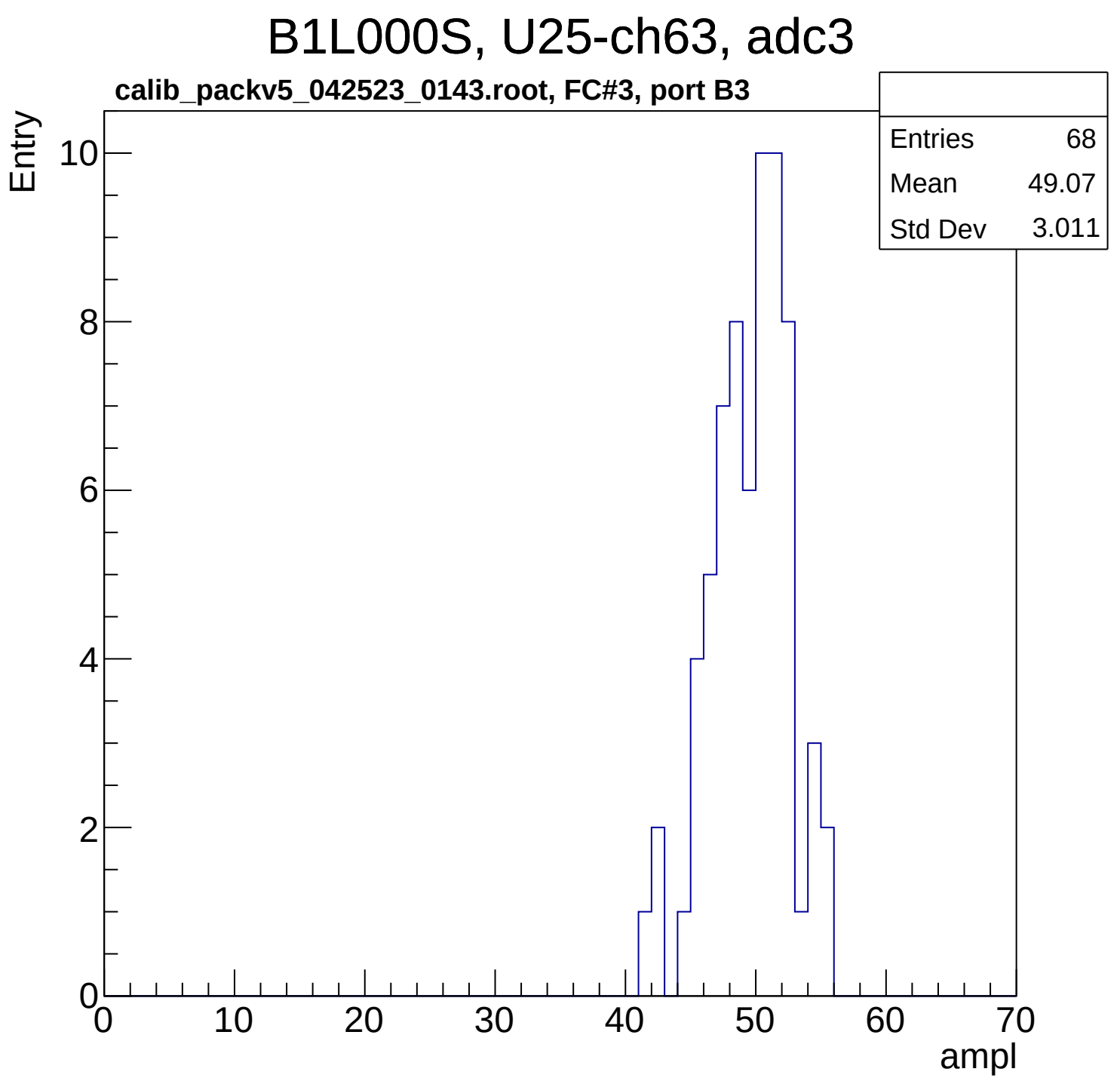
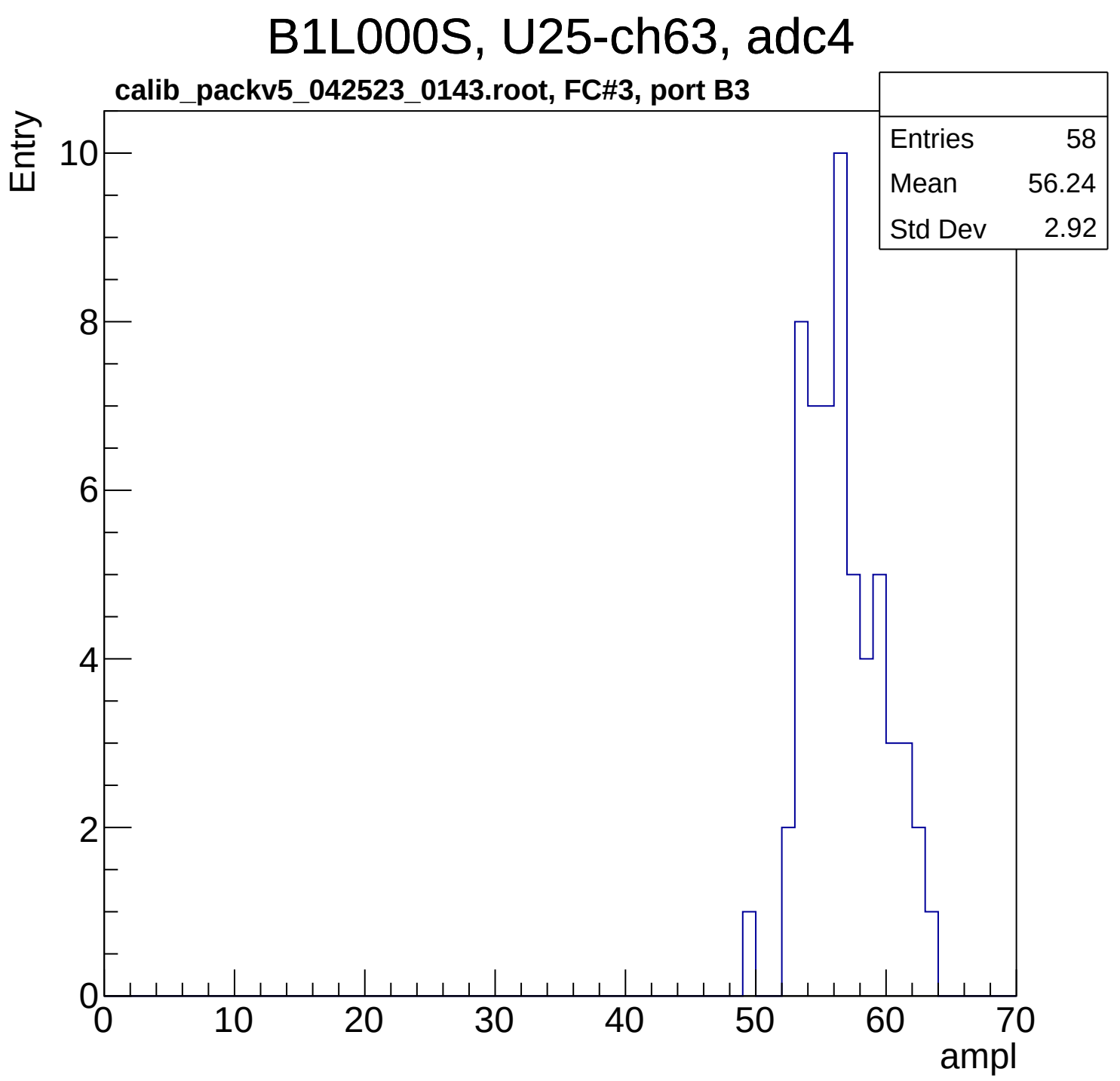
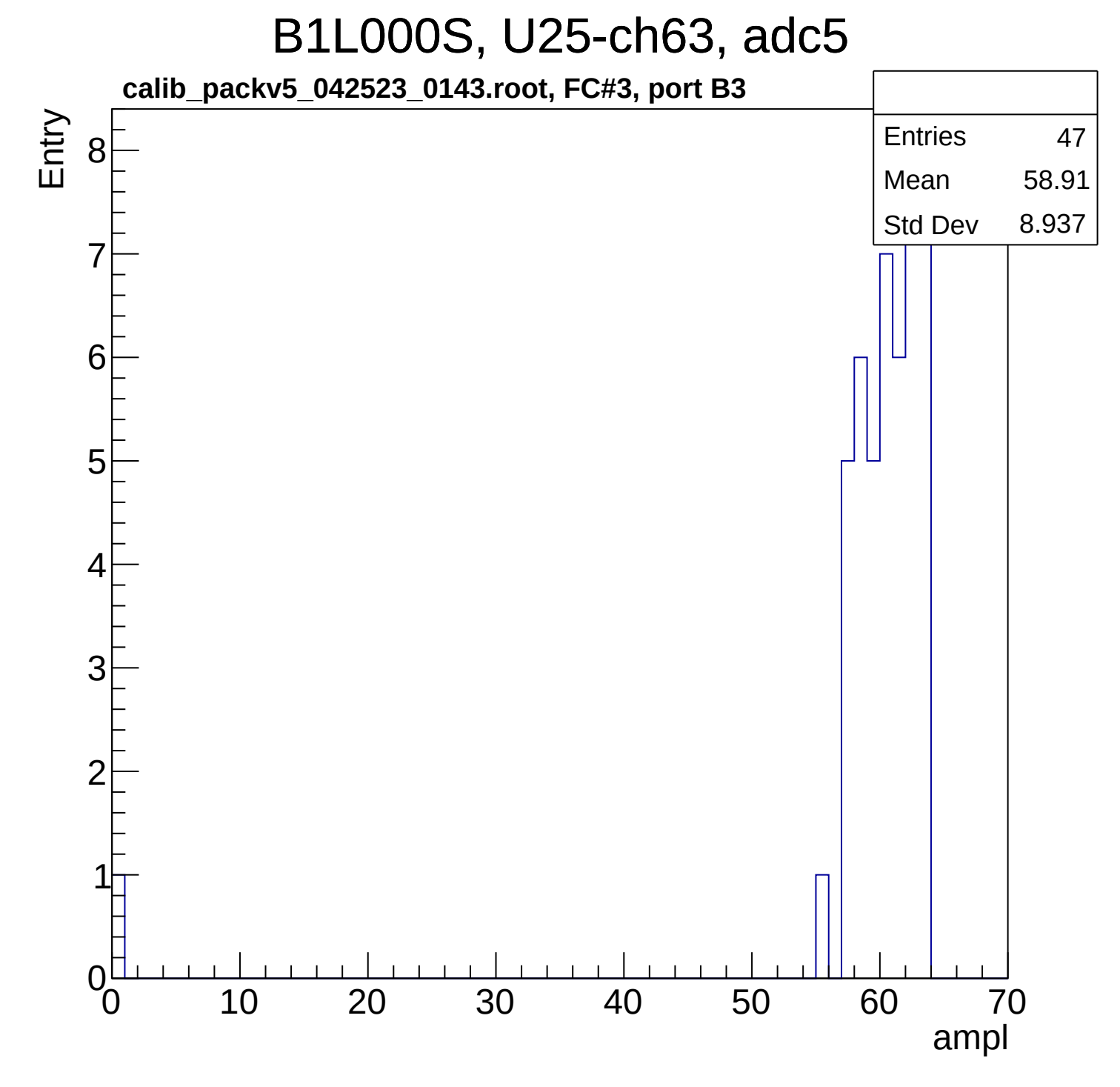
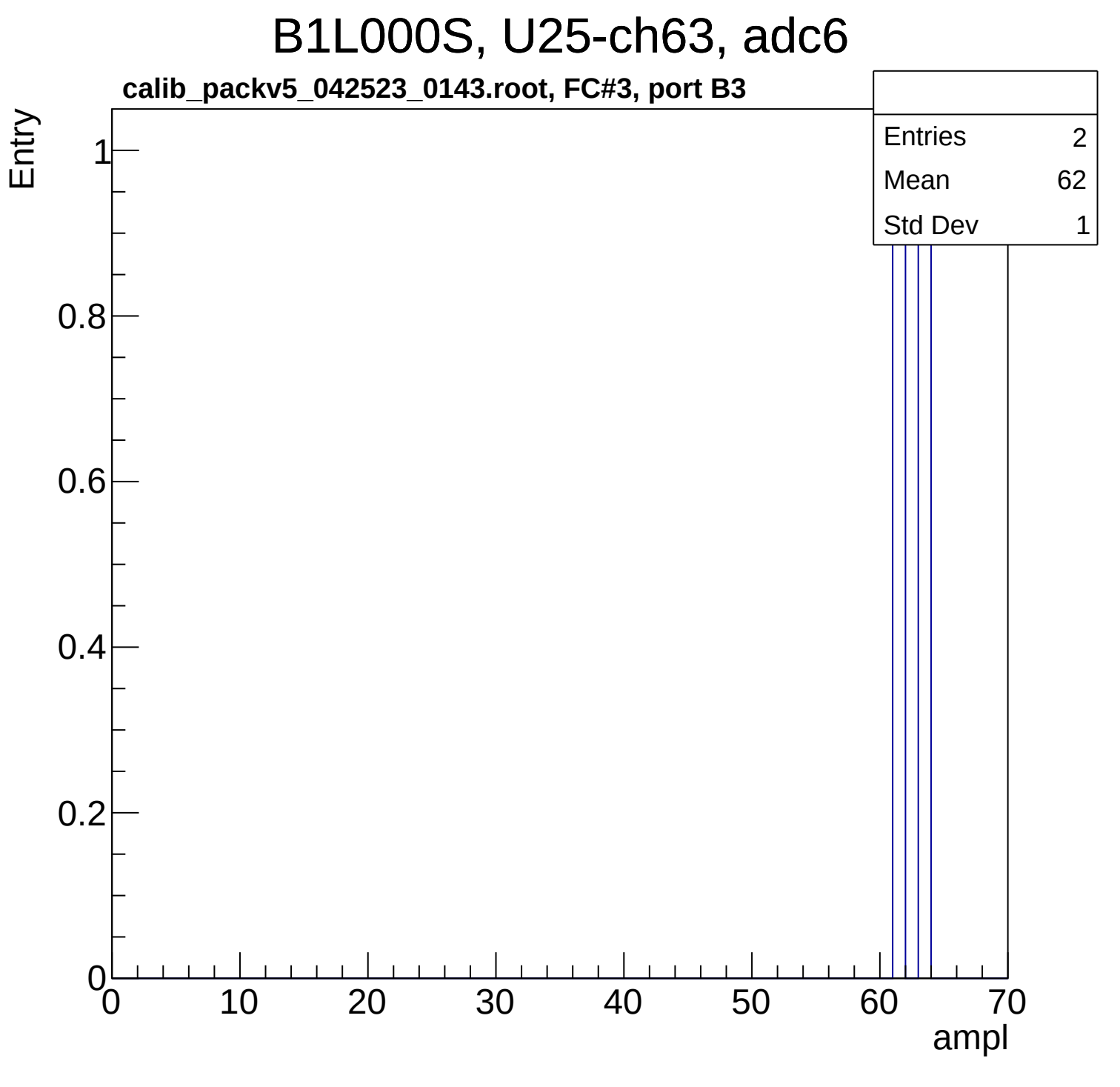
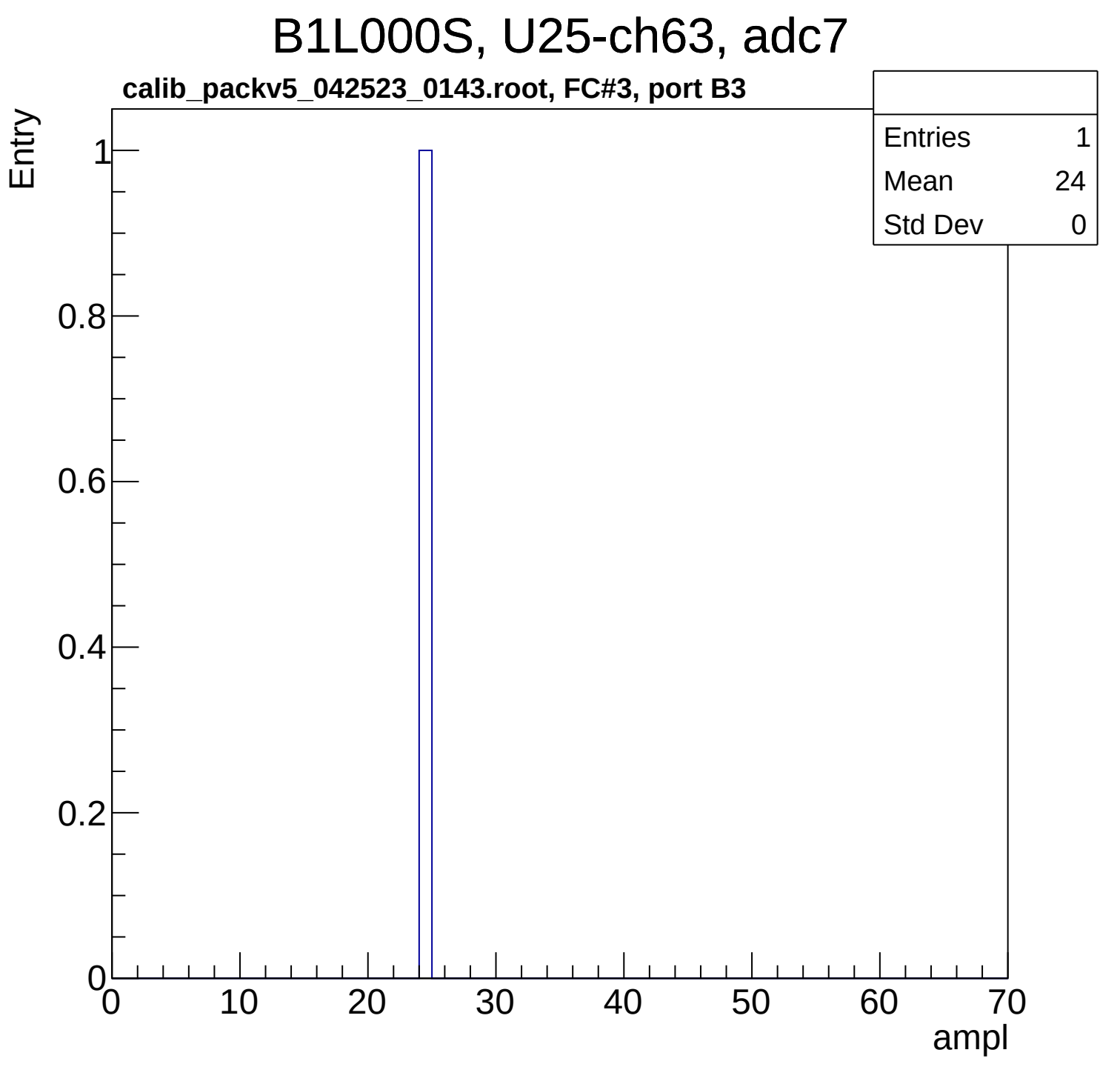

B1L000S, U25-ch63, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 49.07
Std Dev 3.011
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch63, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 56.24
Std Dev 2.92
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch63, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 58.91
Std Dev 8.937
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch63, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 62
Std Dev 1
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch63, 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
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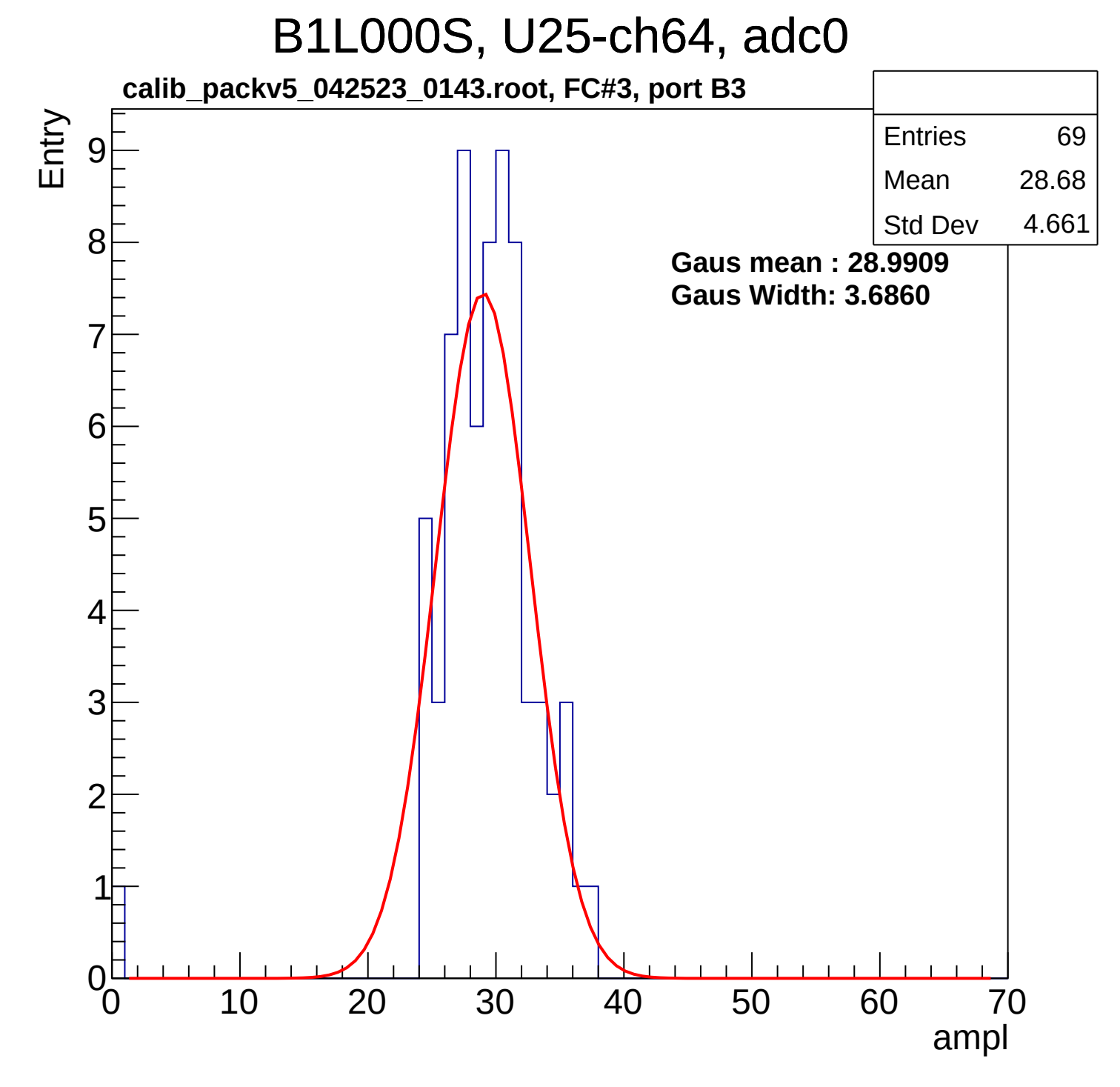
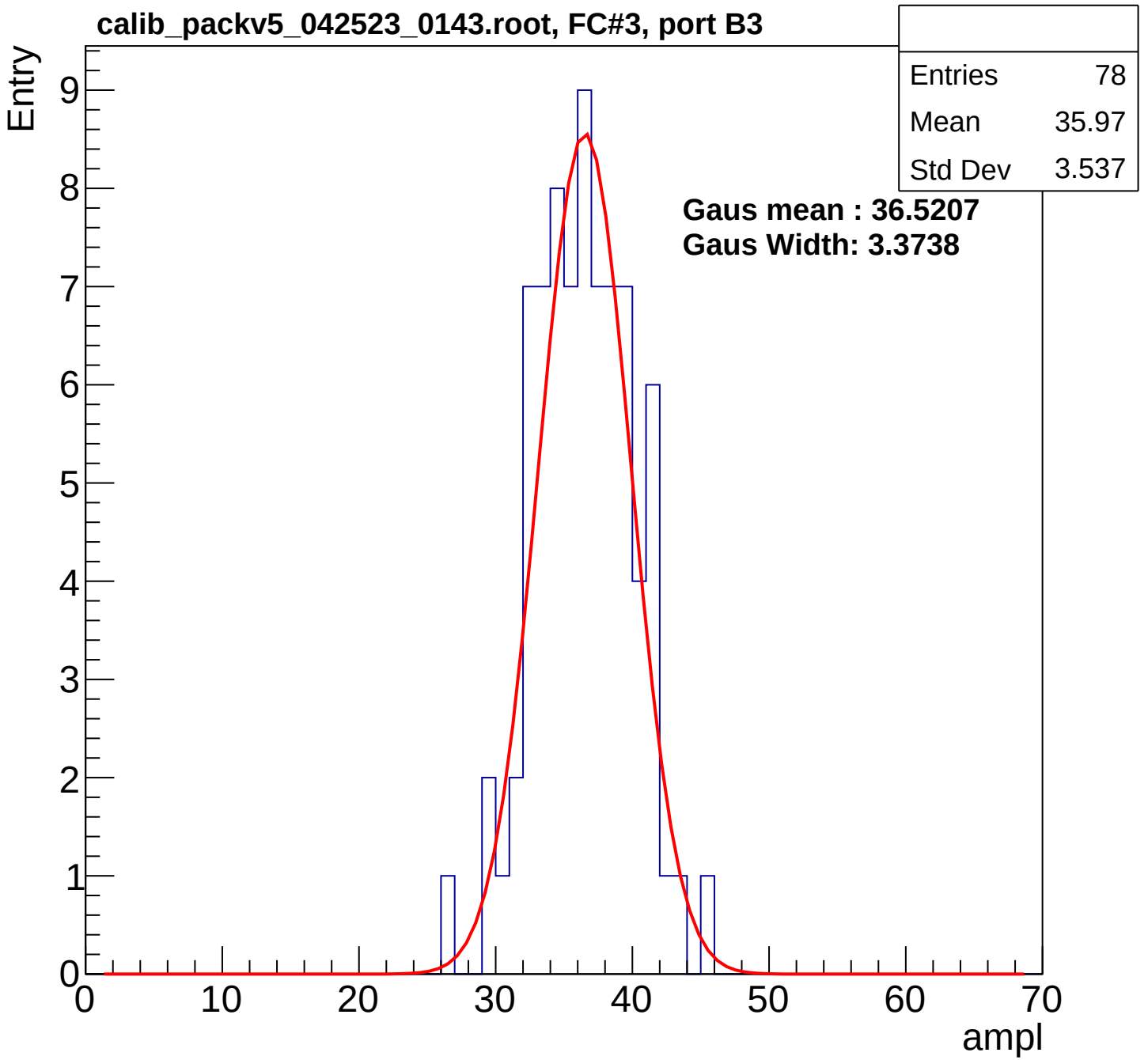
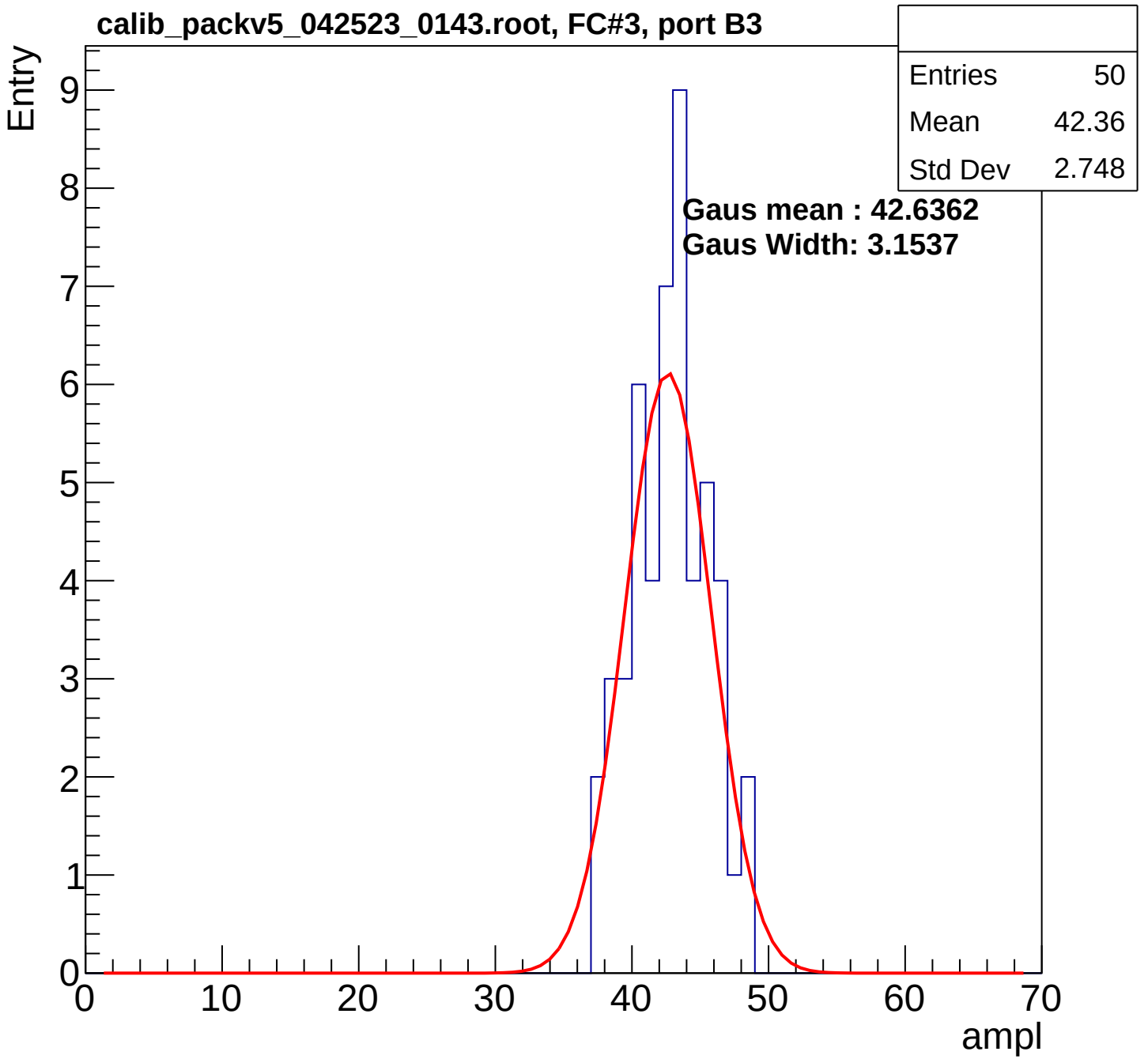
30
40
50
60
70
ampl


B1L000S, U25-ch64, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 28.68
Std Dev 4.661
Gaus mean : 28.9909
Gaus Width: 3.6860
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch64, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 35.97
Std Dev 3.537
Gaus mean : 36.5207
Gaus Width: 3.3738
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch64, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 42.36
Std Dev 2.748
Gaus mean : 42.6362
Gaus Width: 3.1537
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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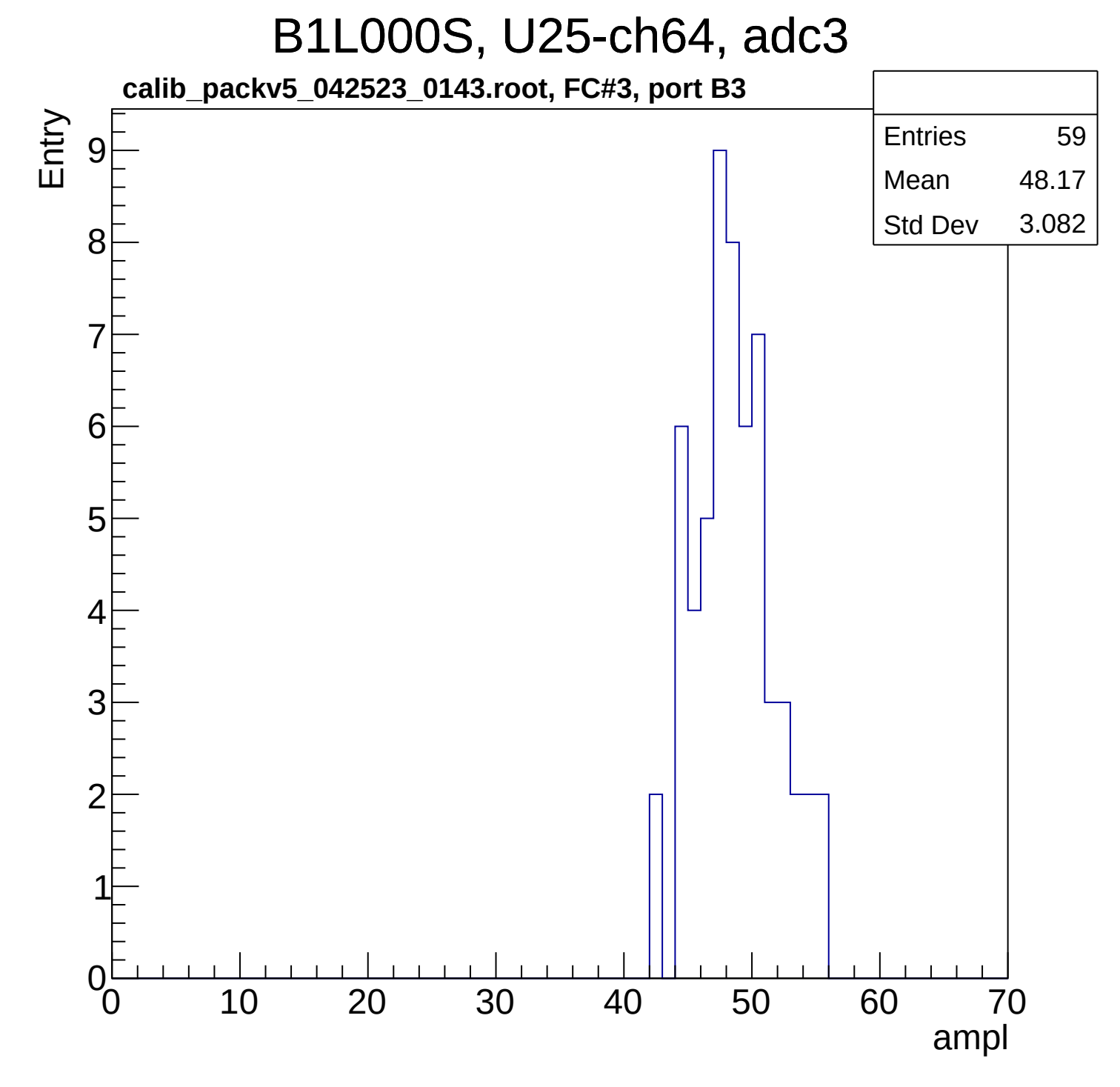
B1L000S, U25-ch64, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 48.17
Std Dev 3.082
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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40
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60
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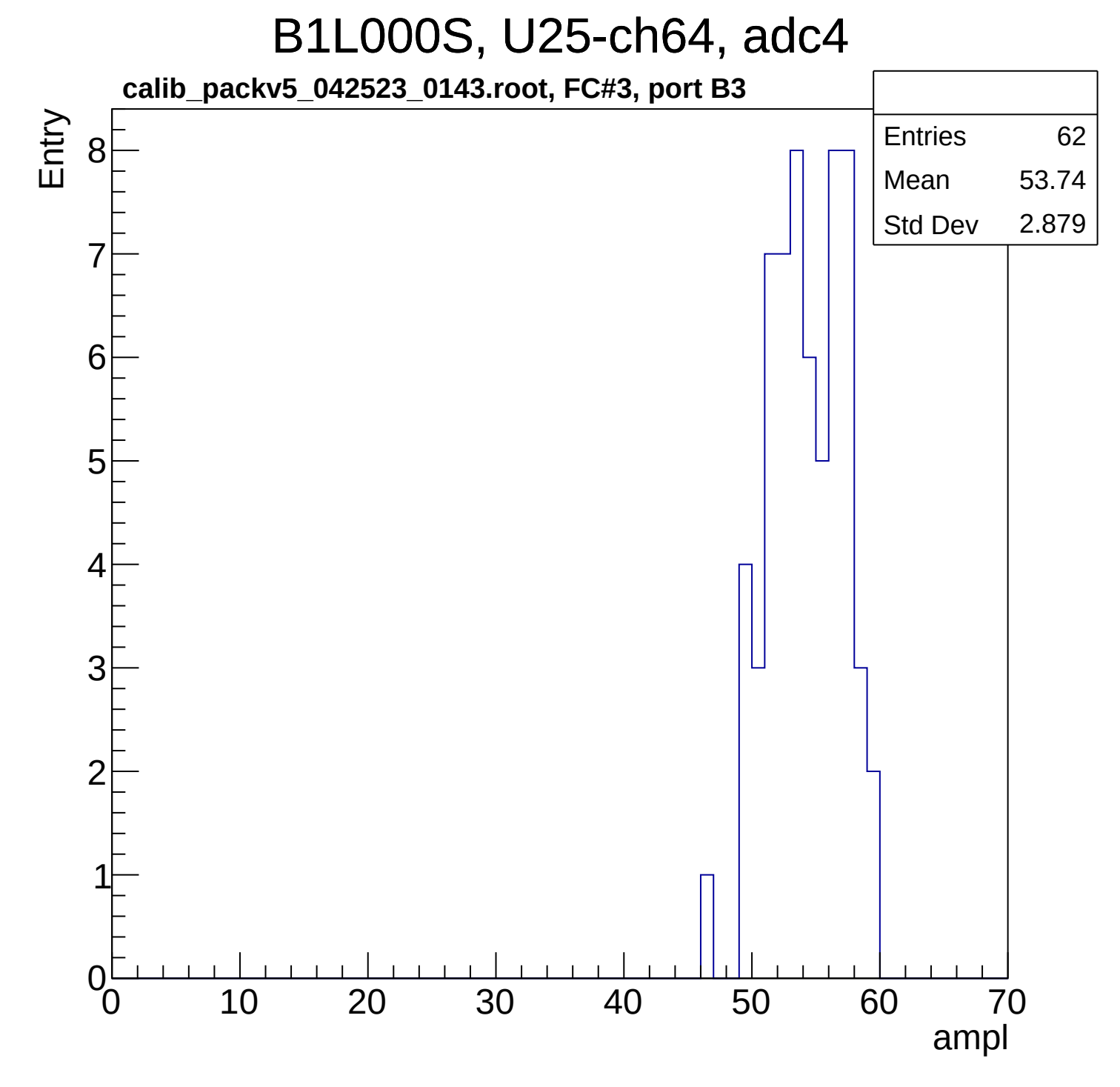
B1L000S, U25-ch64, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 53.74
Std Dev 2.879
Entry
ampl
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4
5
6
7
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0
10
20
30
40
50
60
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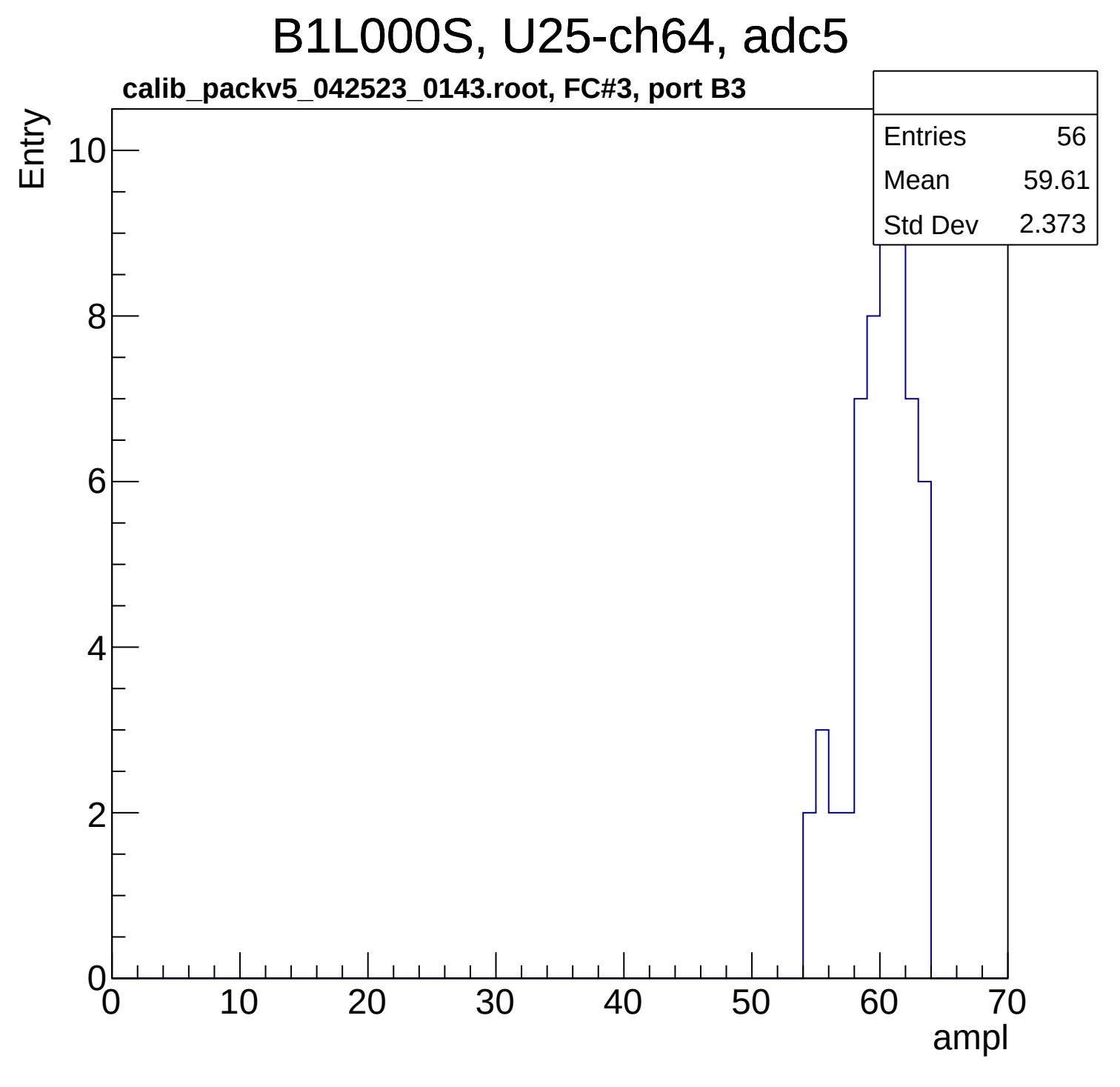
B1L000S, U25-ch64, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 59.61
Std Dev 2.373
Entry
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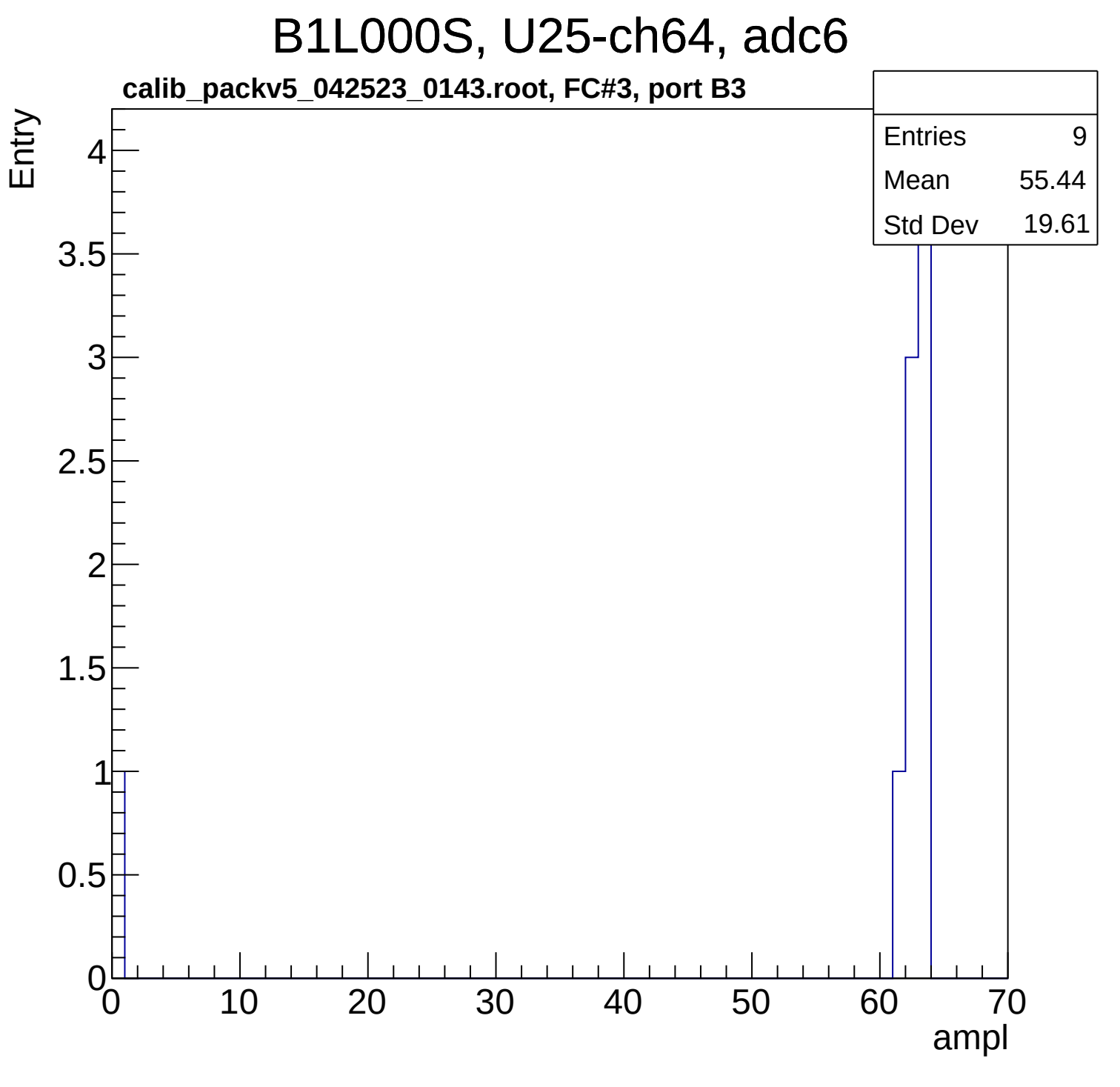
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch64, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 55.44
Std Dev 19.61
Entry
ampl
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0.5
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1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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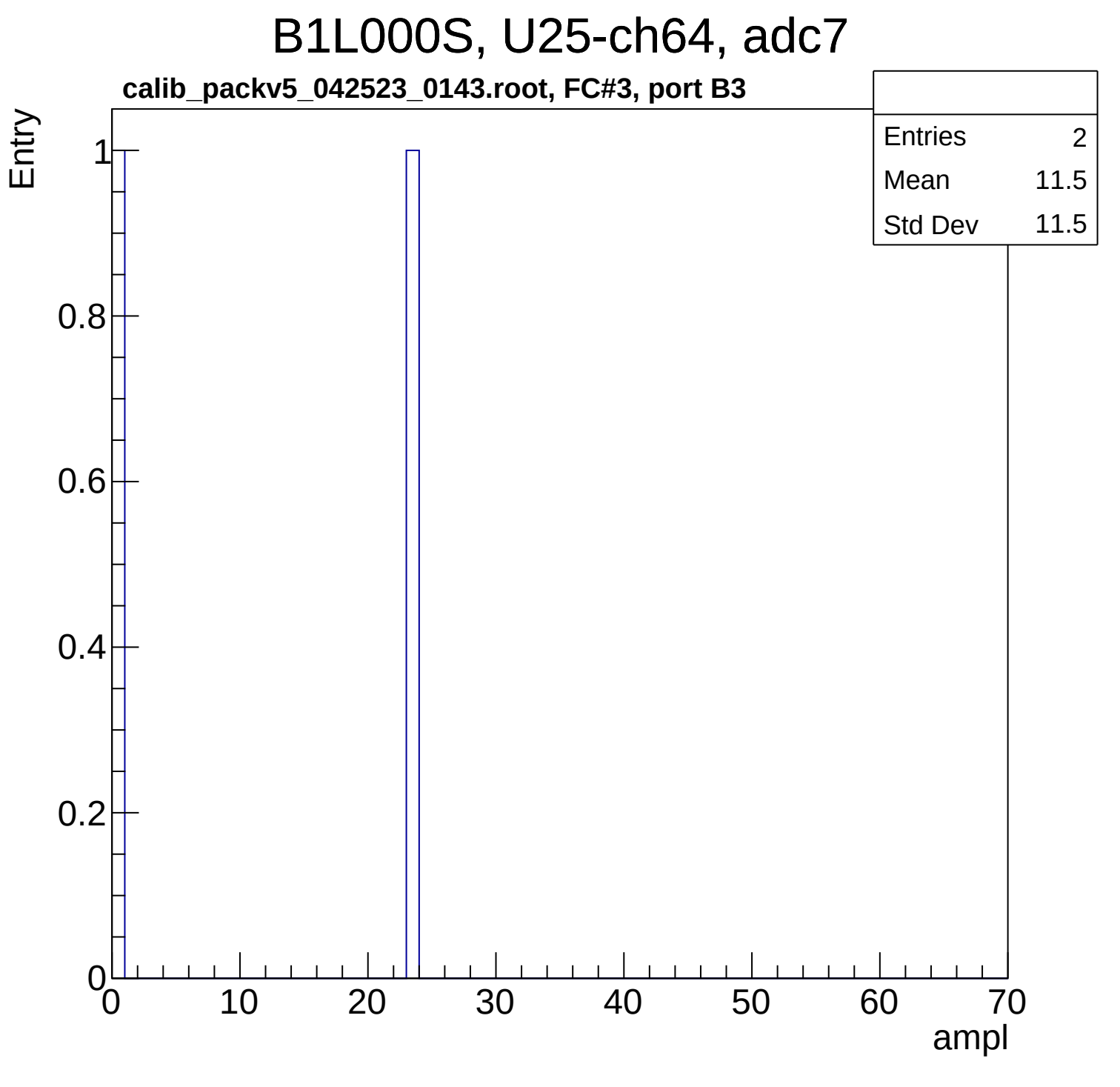
B1L000S, U25-ch64, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 11.5
Std Dev 11.5
Entry
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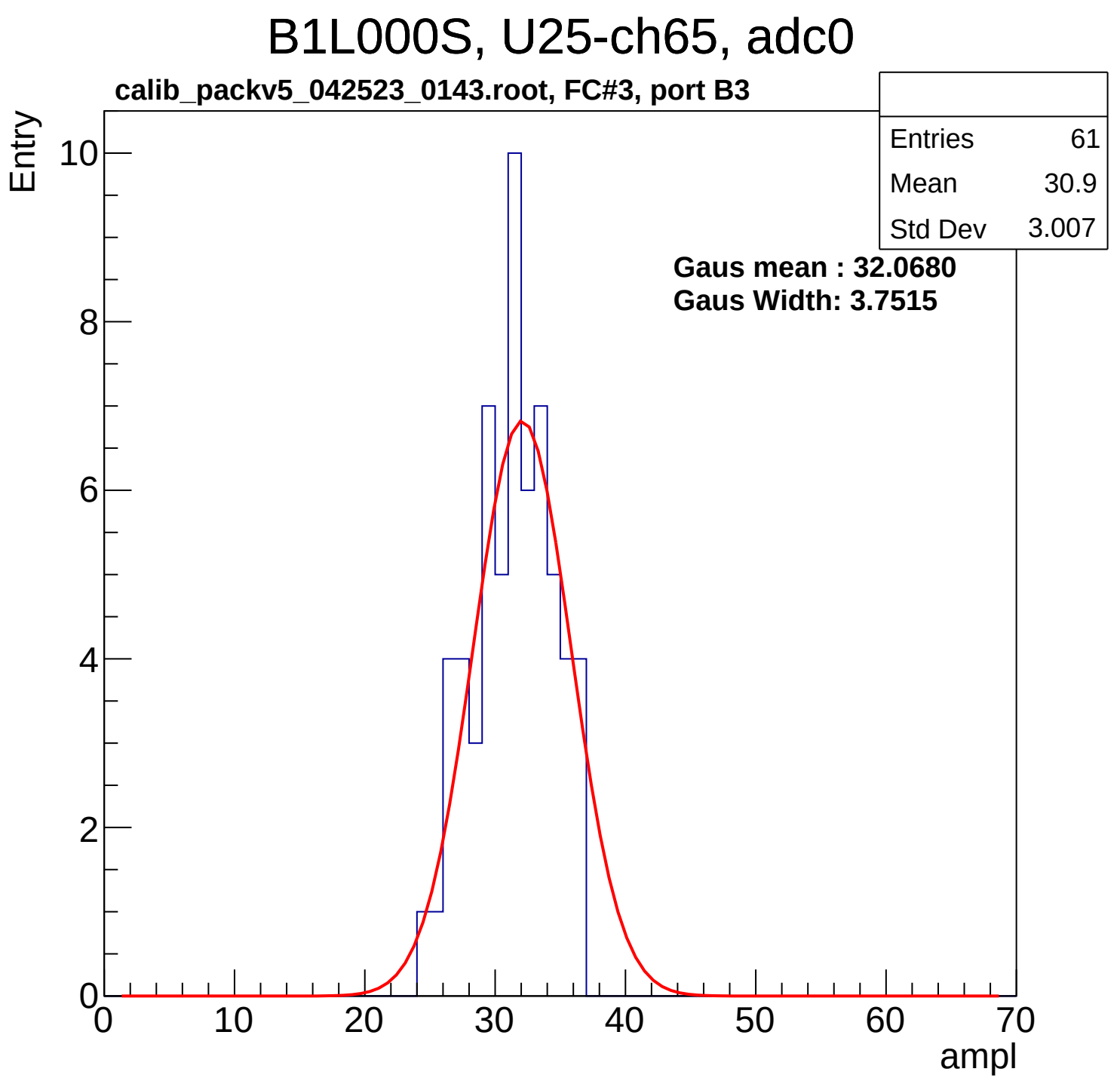
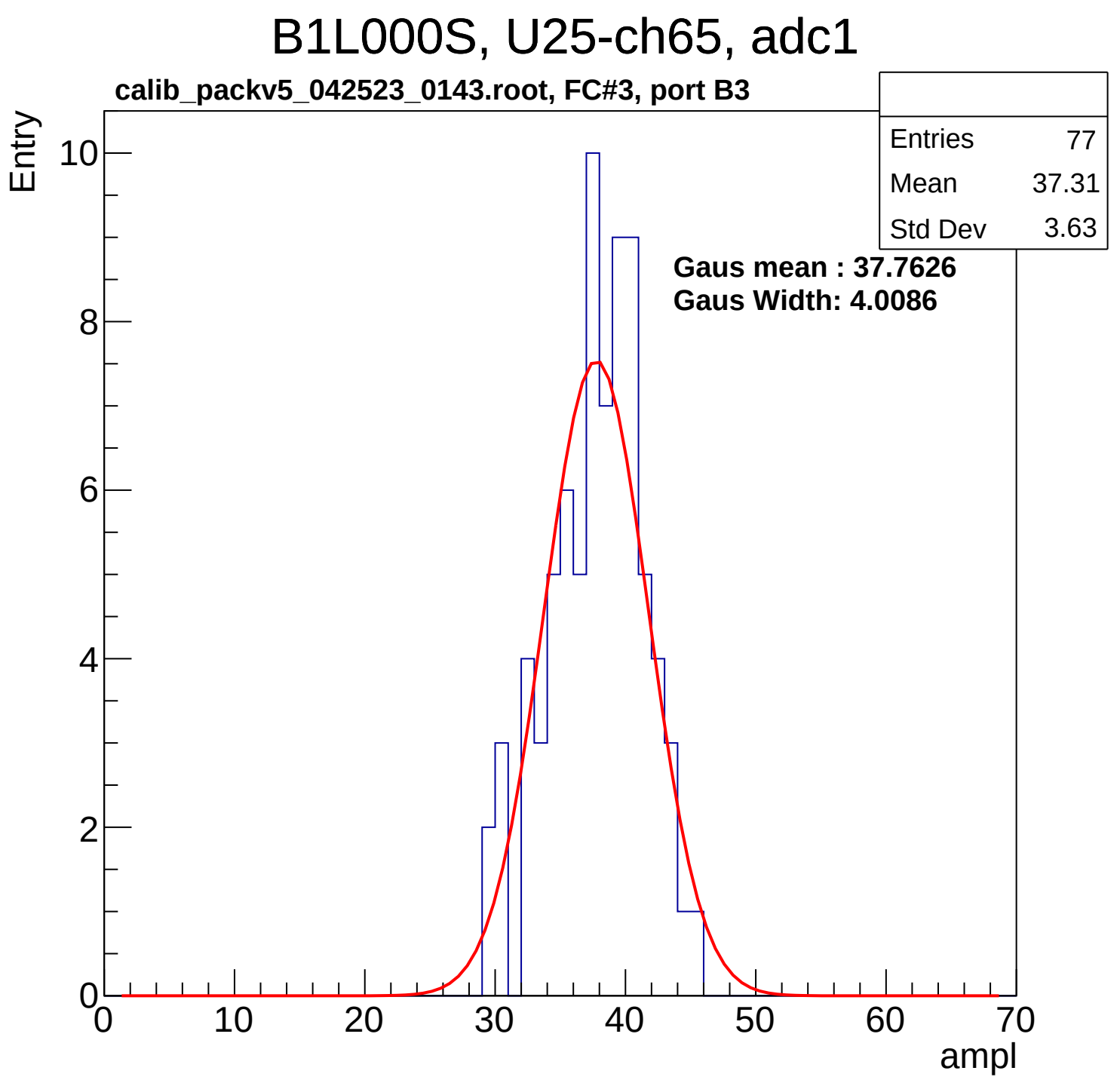
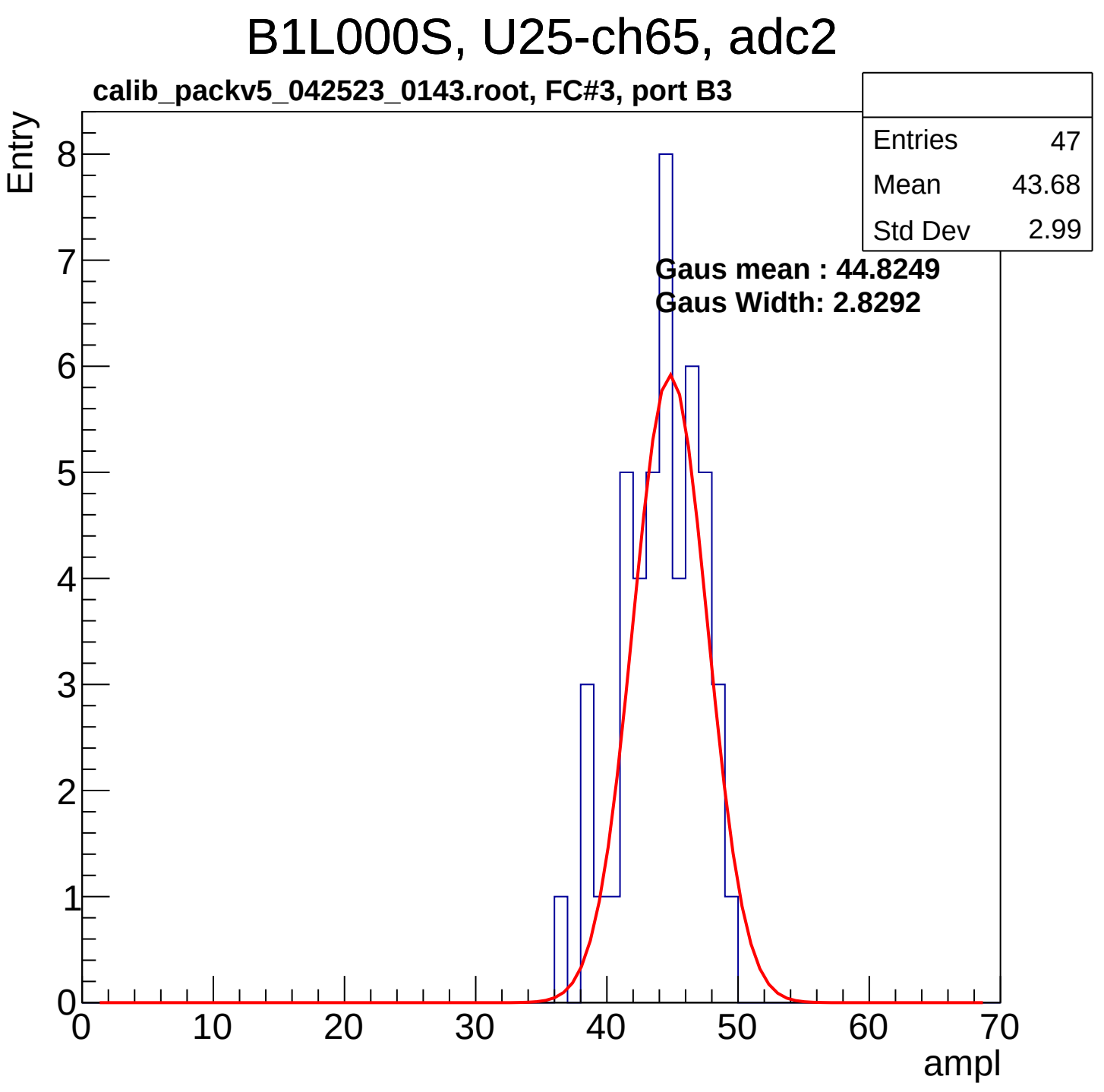
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch65, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 30.9
Std Dev 3.007
Gaus mean : 32.0680
Gaus Width: 3.7515
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch65, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 37.31
Std Dev 3.63
Gaus mean : 37.7626
Gaus Width: 4.0086
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch65, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 43.68
Std Dev 2.99
Gaus mean : 44.8249
Gaus Width: 2.8292
Entry
ampl
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1
2
3
4
5
6
7
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0
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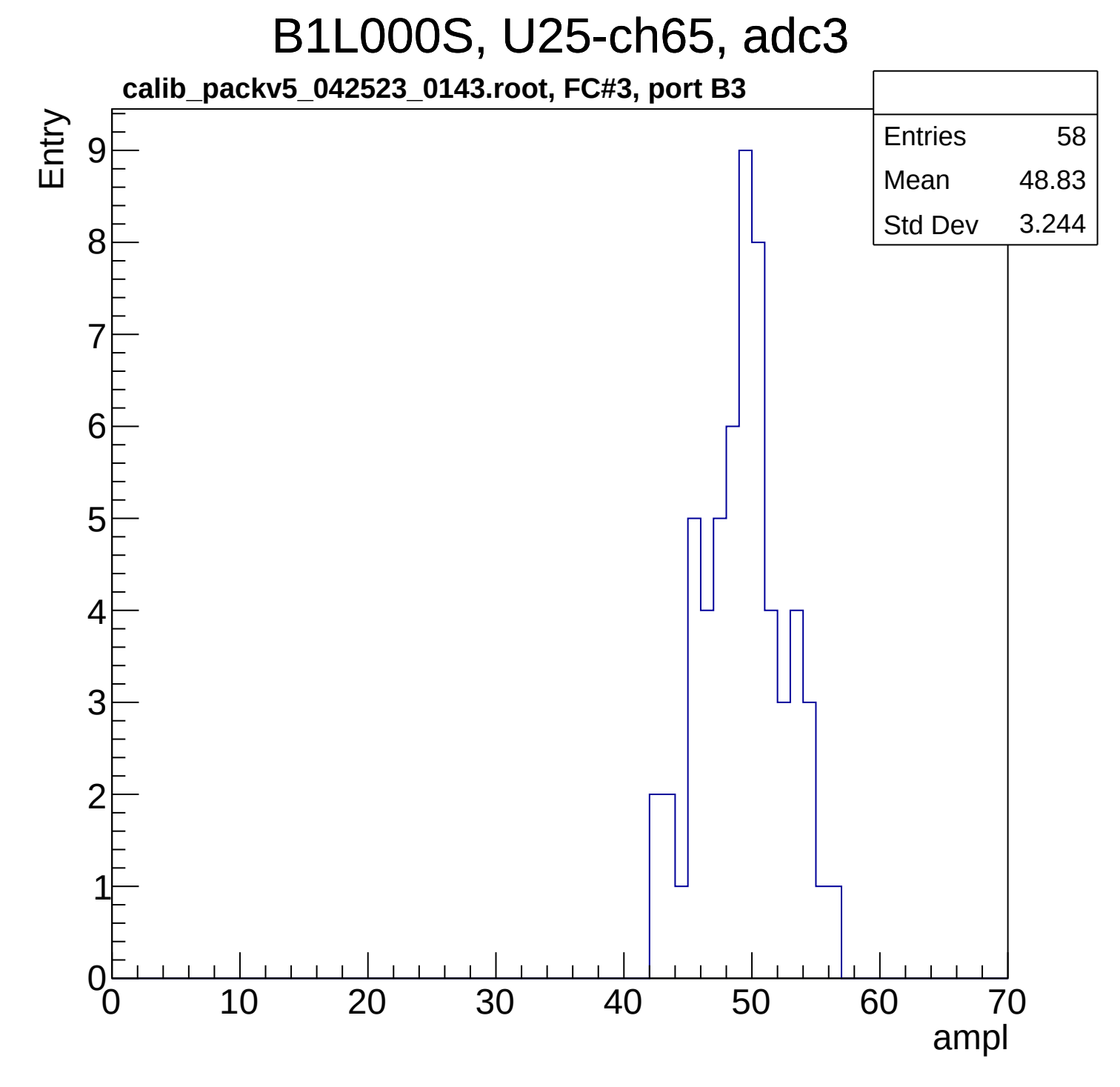
B1L000S, U25-ch65, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 48.83
Std Dev 3.244
Entry
ampl
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3
4
5
6
7
8
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0
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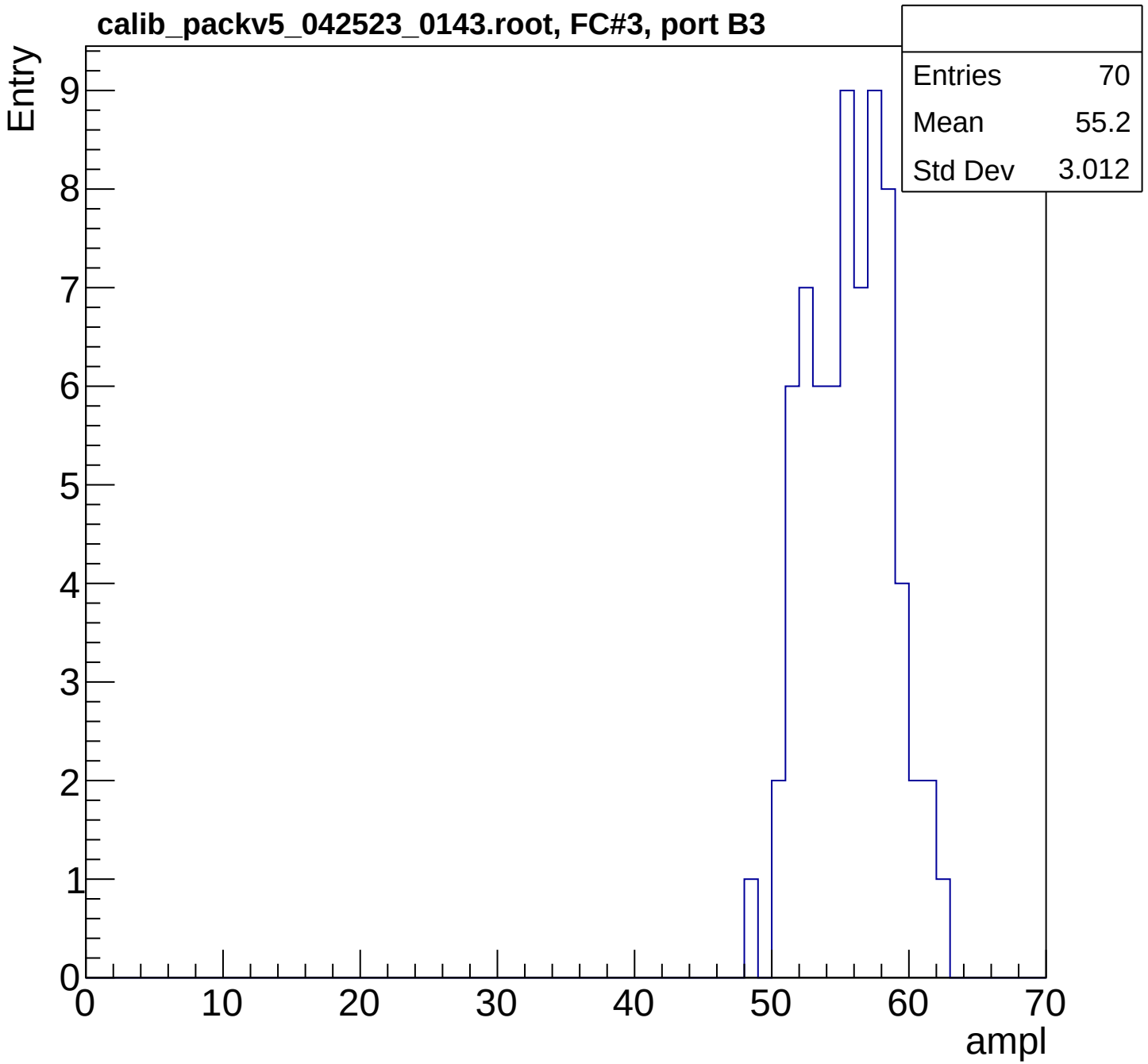
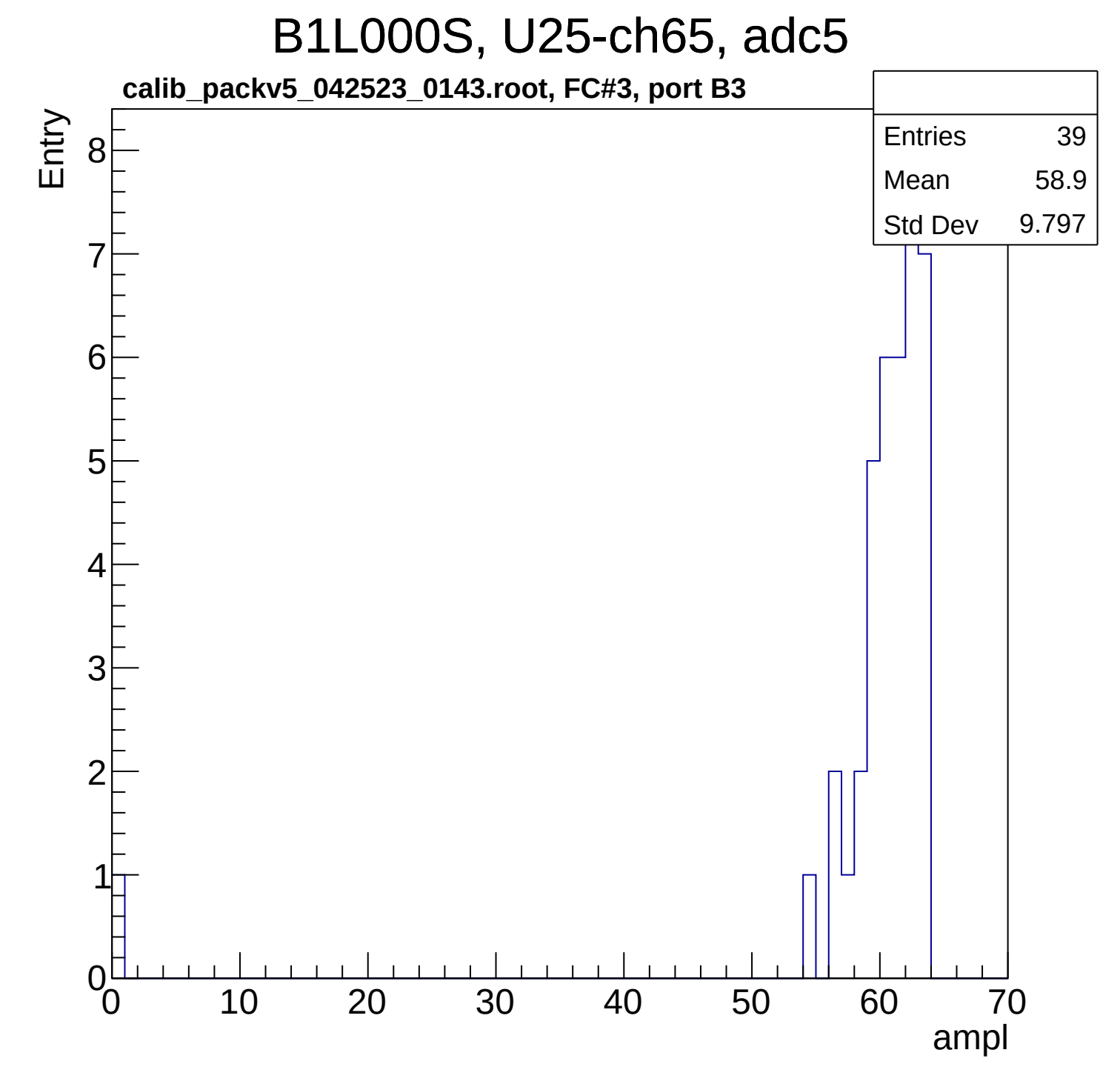

B1L000S, U25-ch65, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 55.2
Std Dev 3.012
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch65, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 39
Mean 58.9
Std Dev 9.797
Entry
ampl
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1
2
3
4
5
6
7
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0
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60
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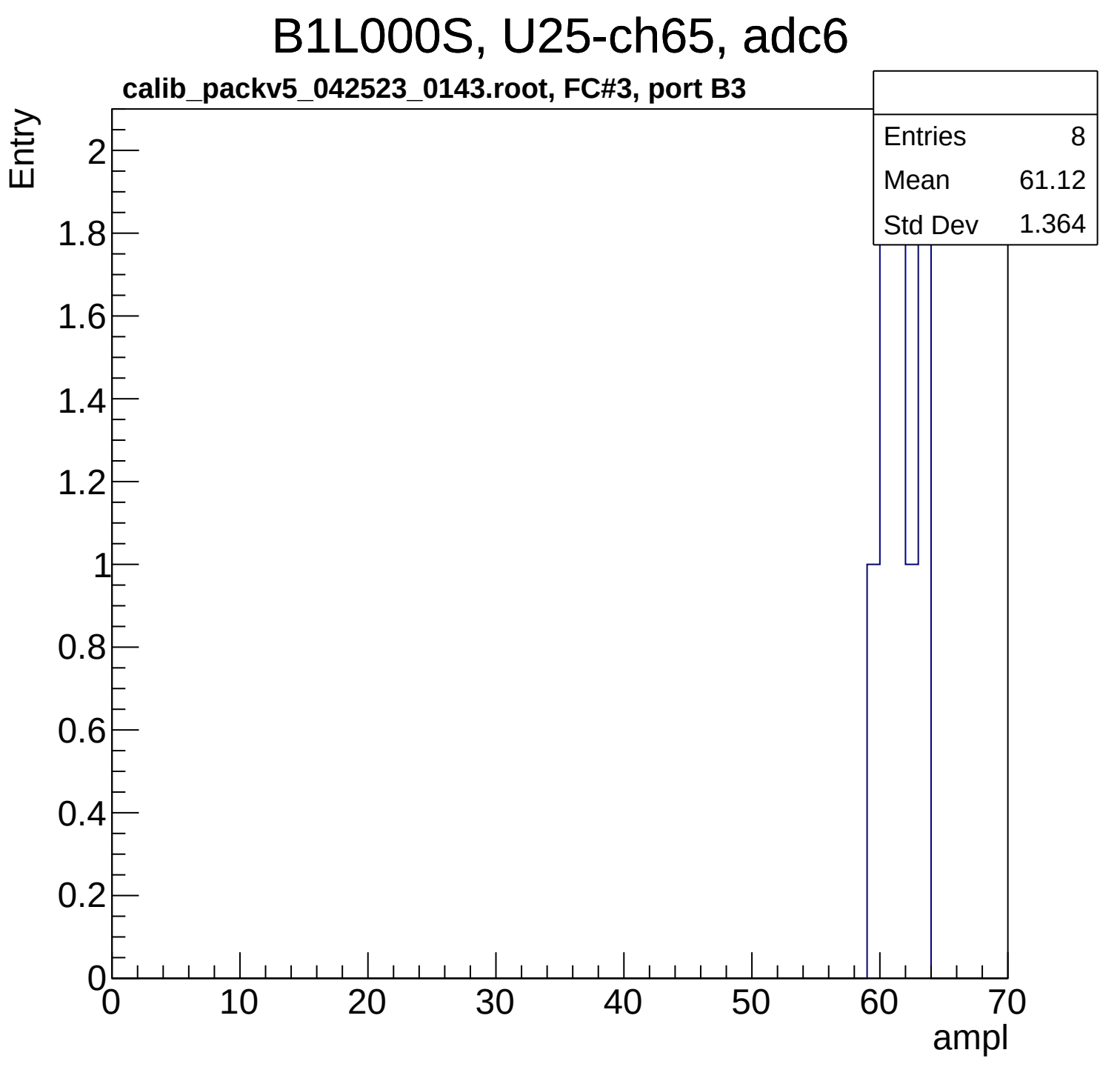
B1L000S, U25-ch65, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 61.12
Std Dev 1.364
Entry
ampl
0
0.2
0.4
0.6
0.8
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1.2
1.4
1.6
1.8
2
0
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20
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40
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60
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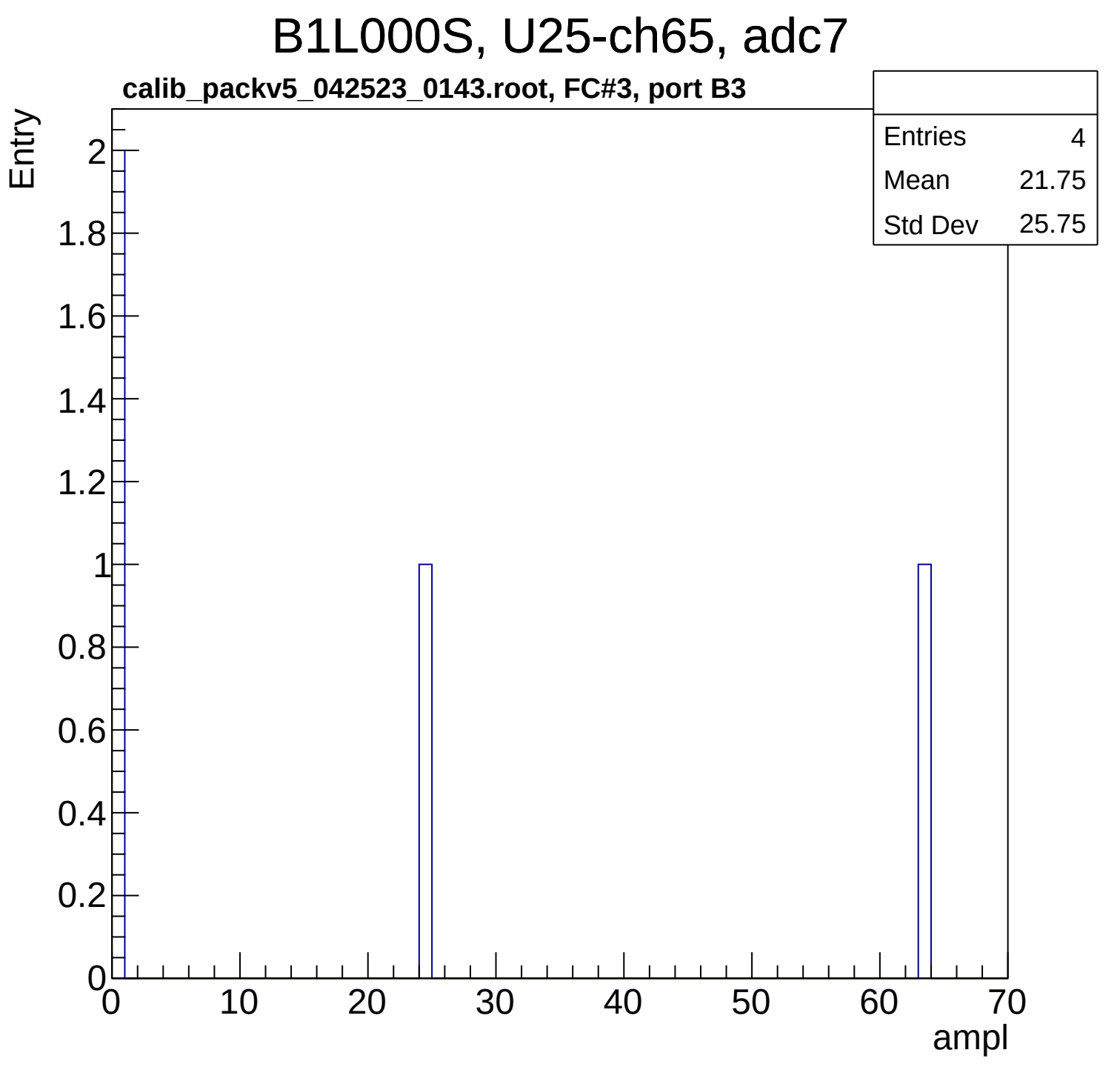
B1L000S, U25-ch65, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 21.75
Std Dev 25.75
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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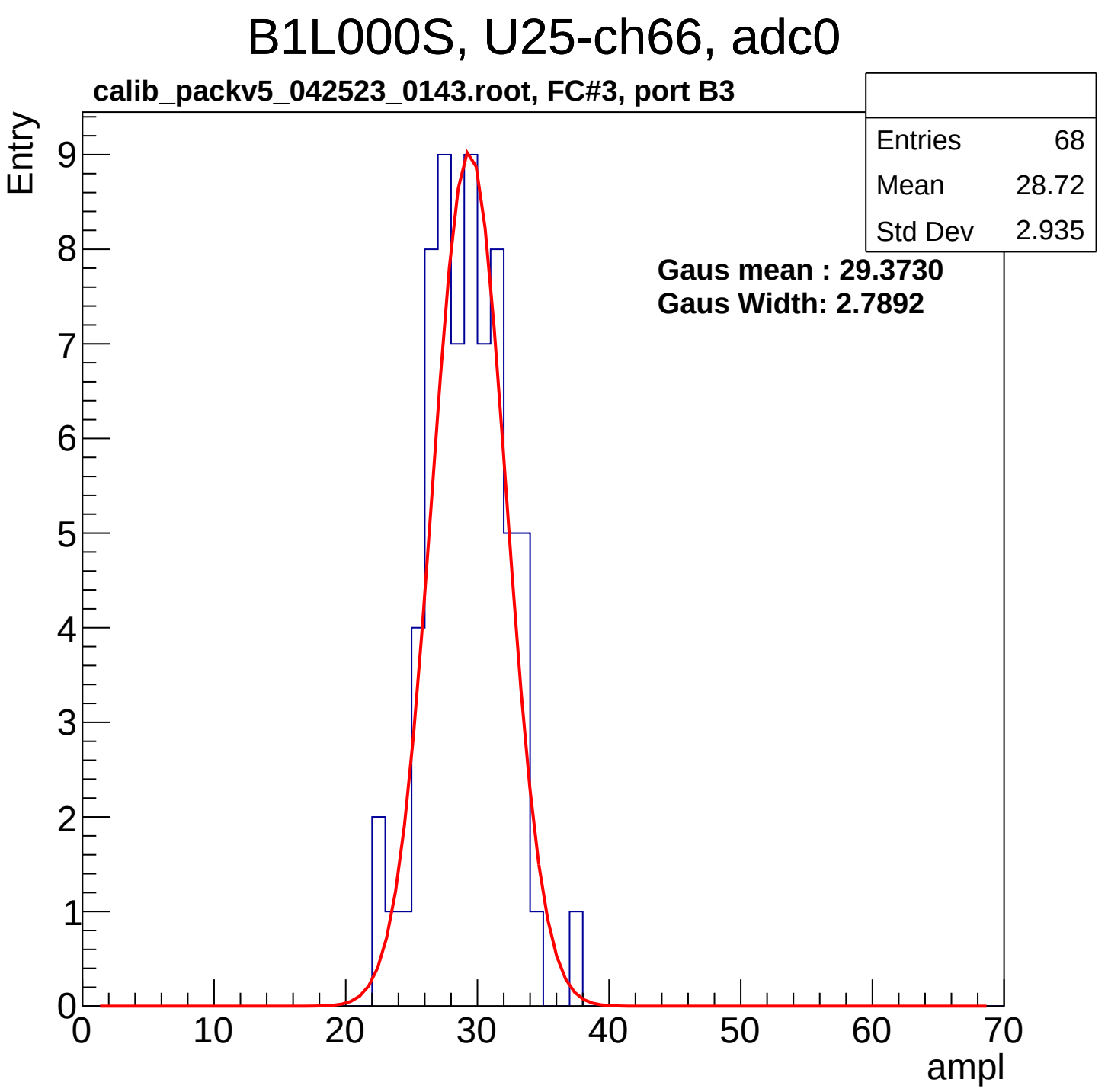
B1L000S, U25-ch66, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 28.72
Std Dev 2.935
Gaus mean : 29.3730
Gaus Width: 2.7892
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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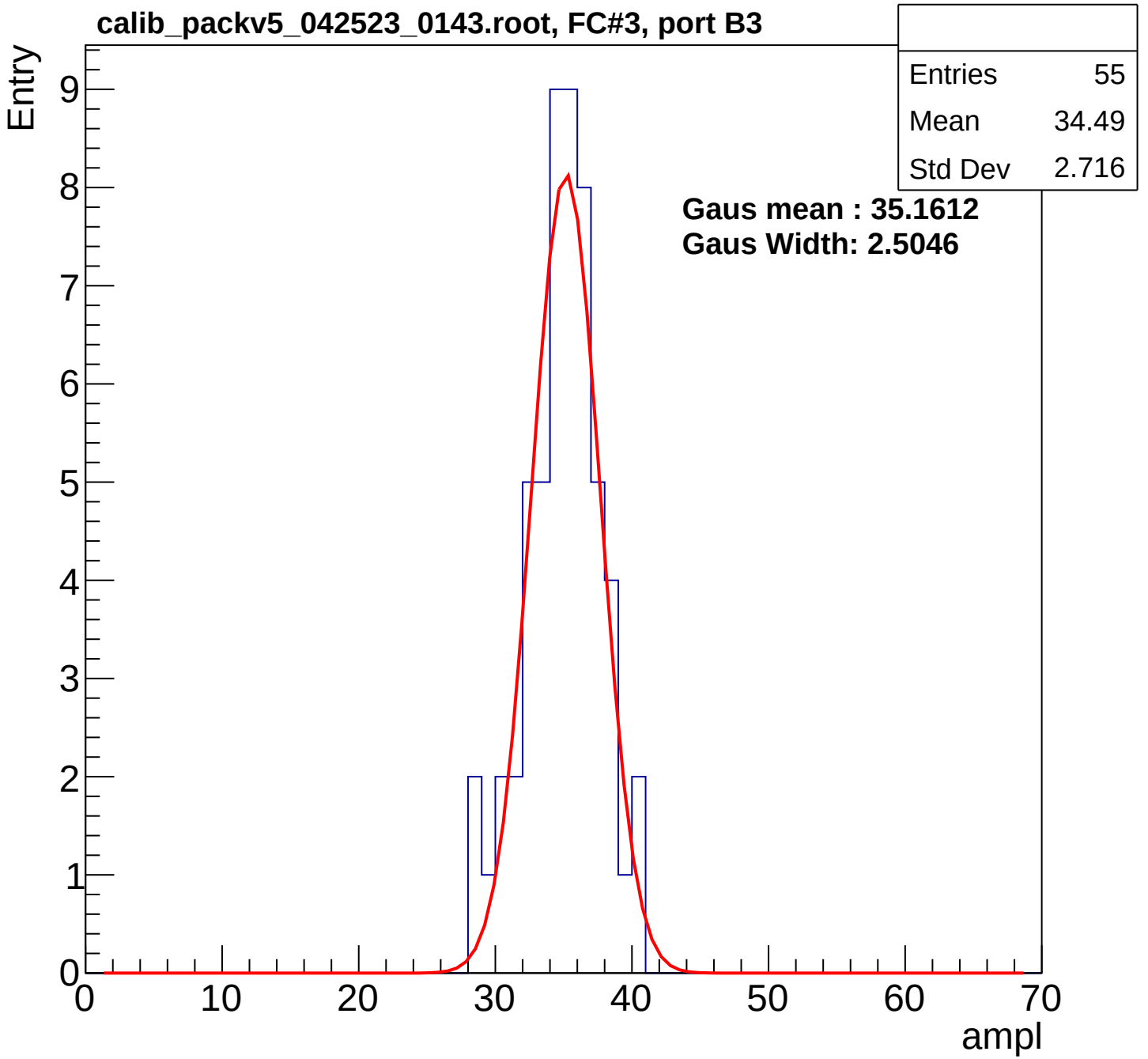
B1L000S, U25-ch66, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 34.49
Std Dev 2.716
Gaus mean : 35.1612
Gaus Width: 2.5046
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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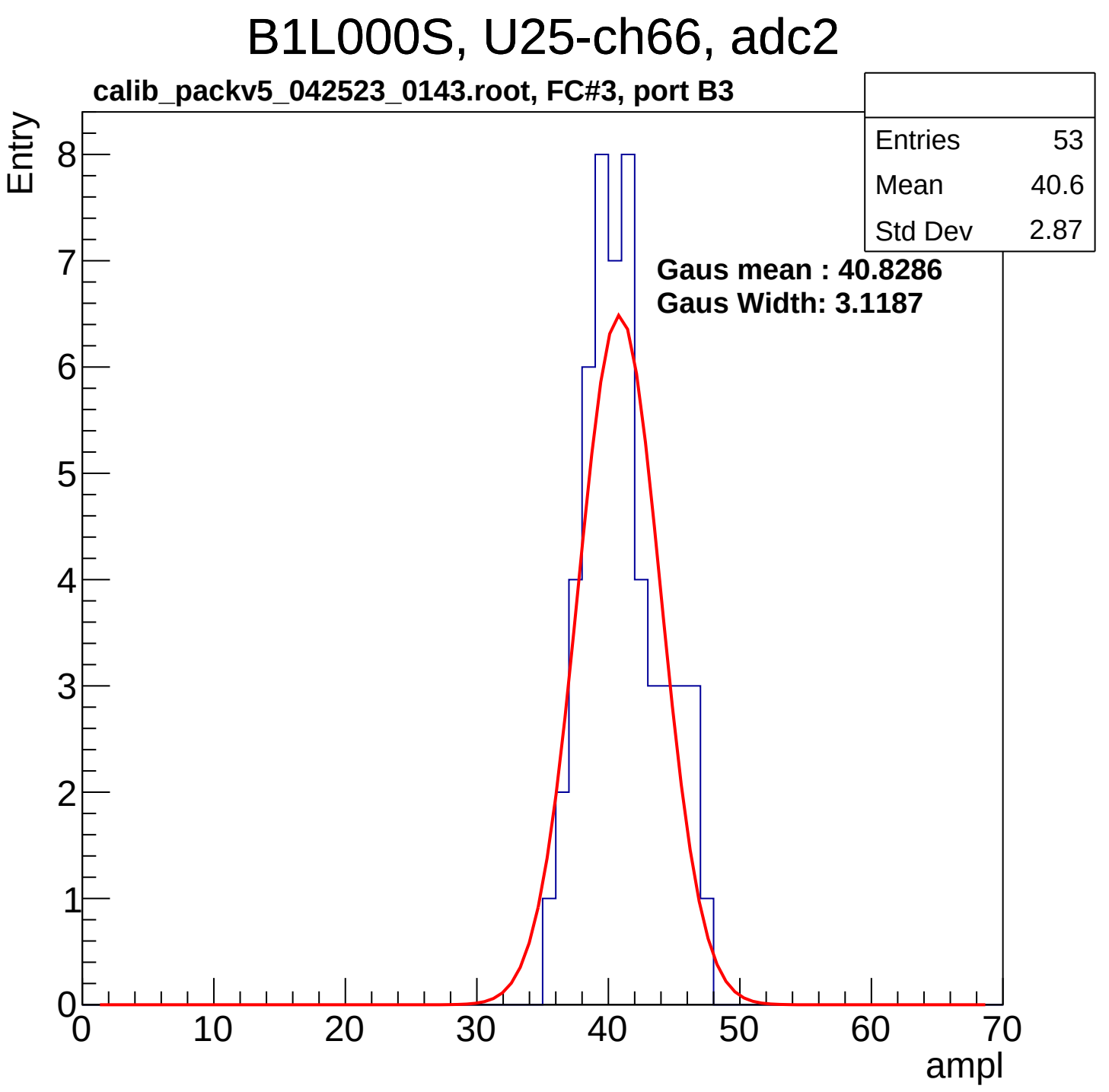
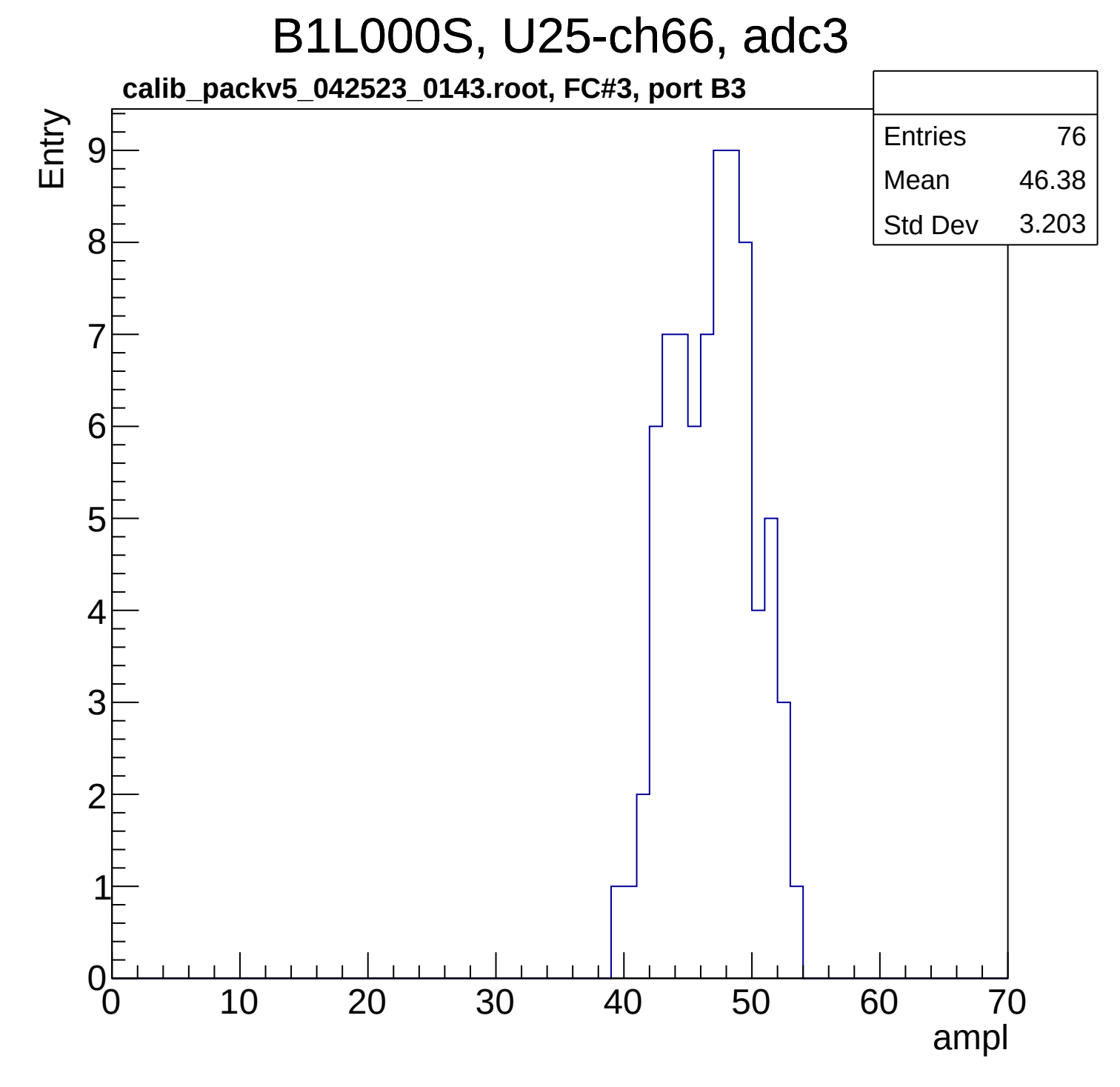

B1L000S, U25-ch66, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 40.6
Std Dev 2.87
Gaus mean : 40.8286
Gaus Width: 3.1187
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch66, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 46.38
Std Dev 3.203
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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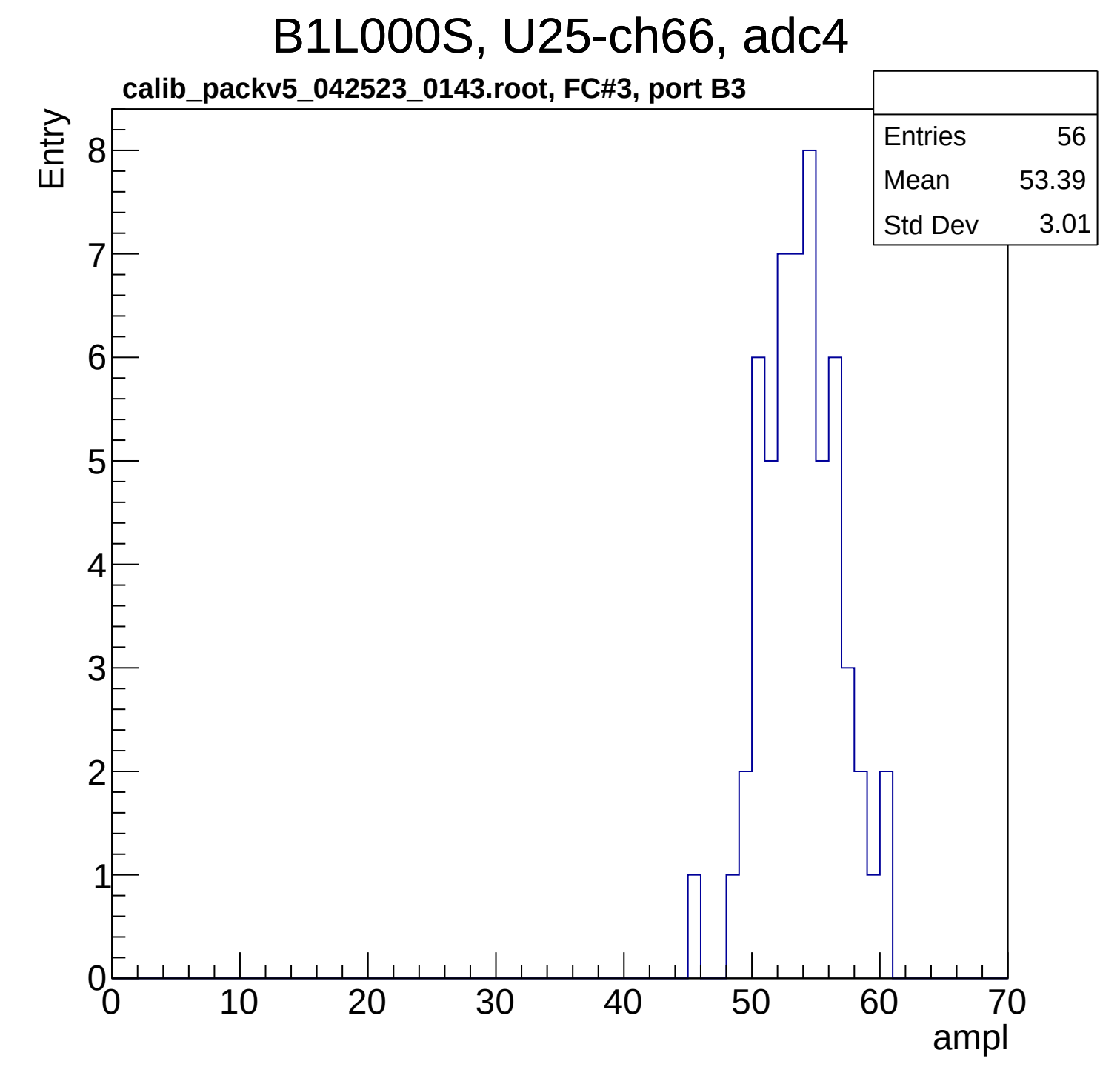
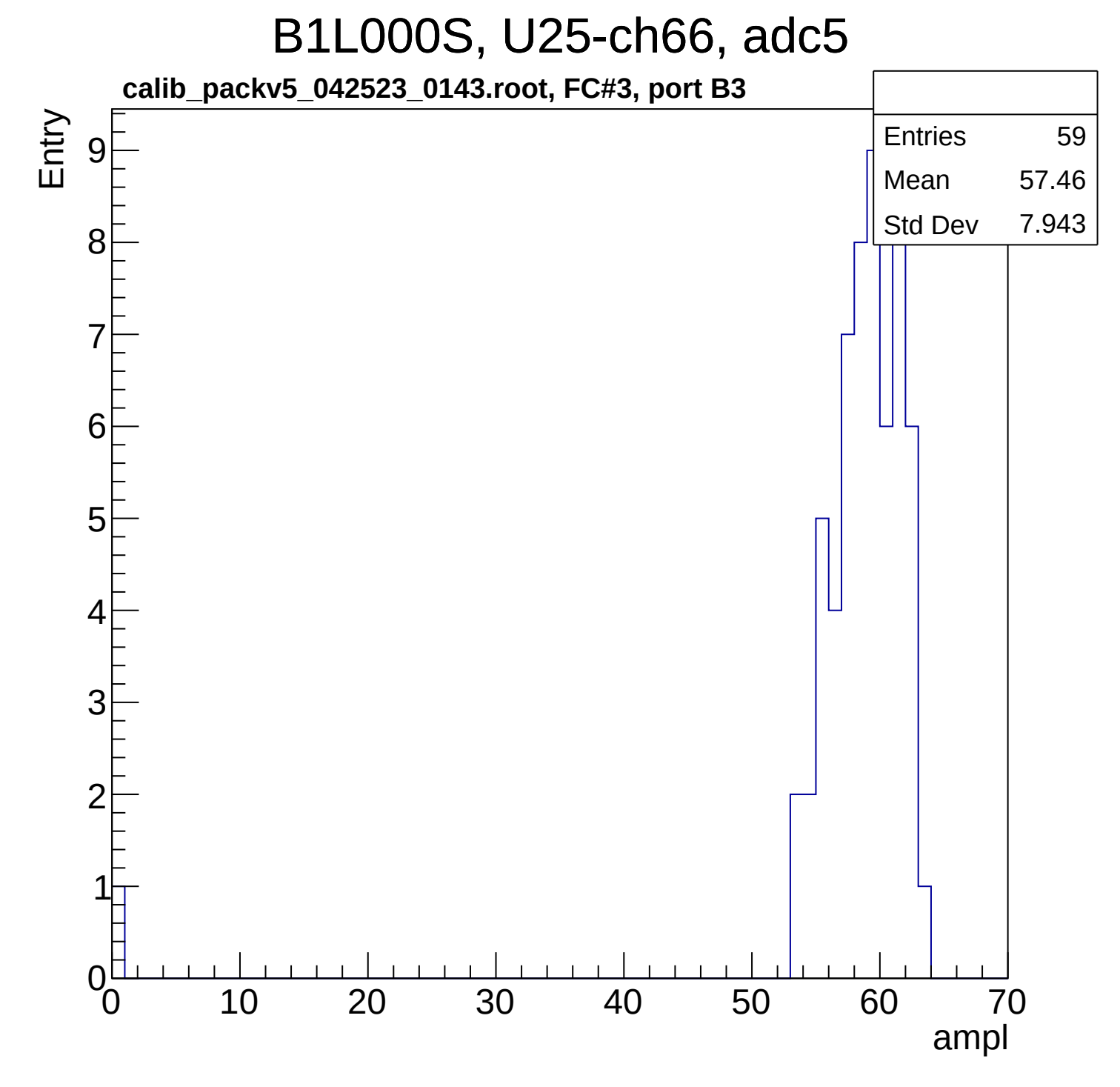
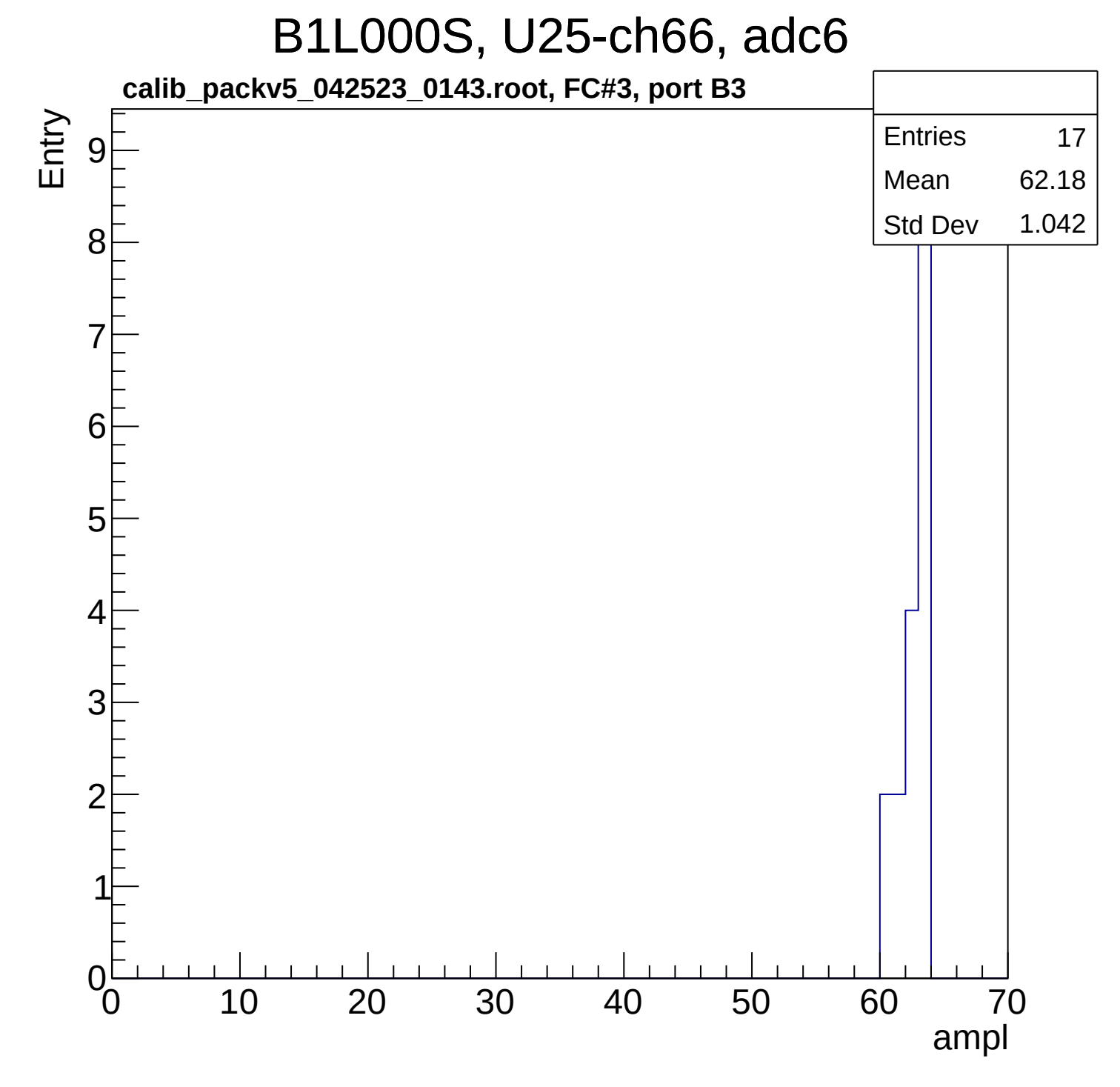

B1L000S, U25-ch66, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 53.39
Std Dev 3.01
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch66, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 57.46
Std Dev 7.943
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch66, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 62.18
Std Dev 1.042
Entry
ampl
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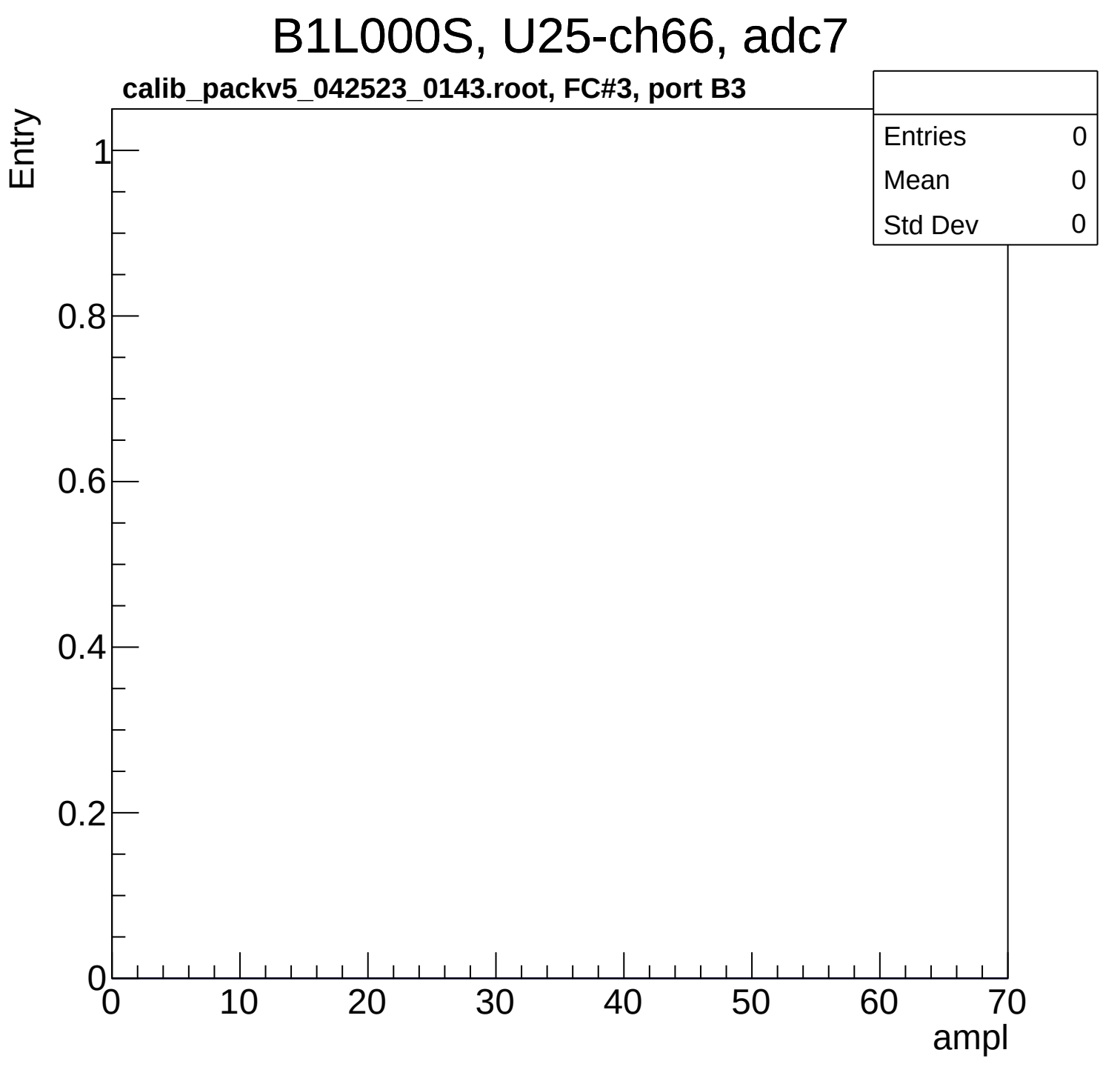
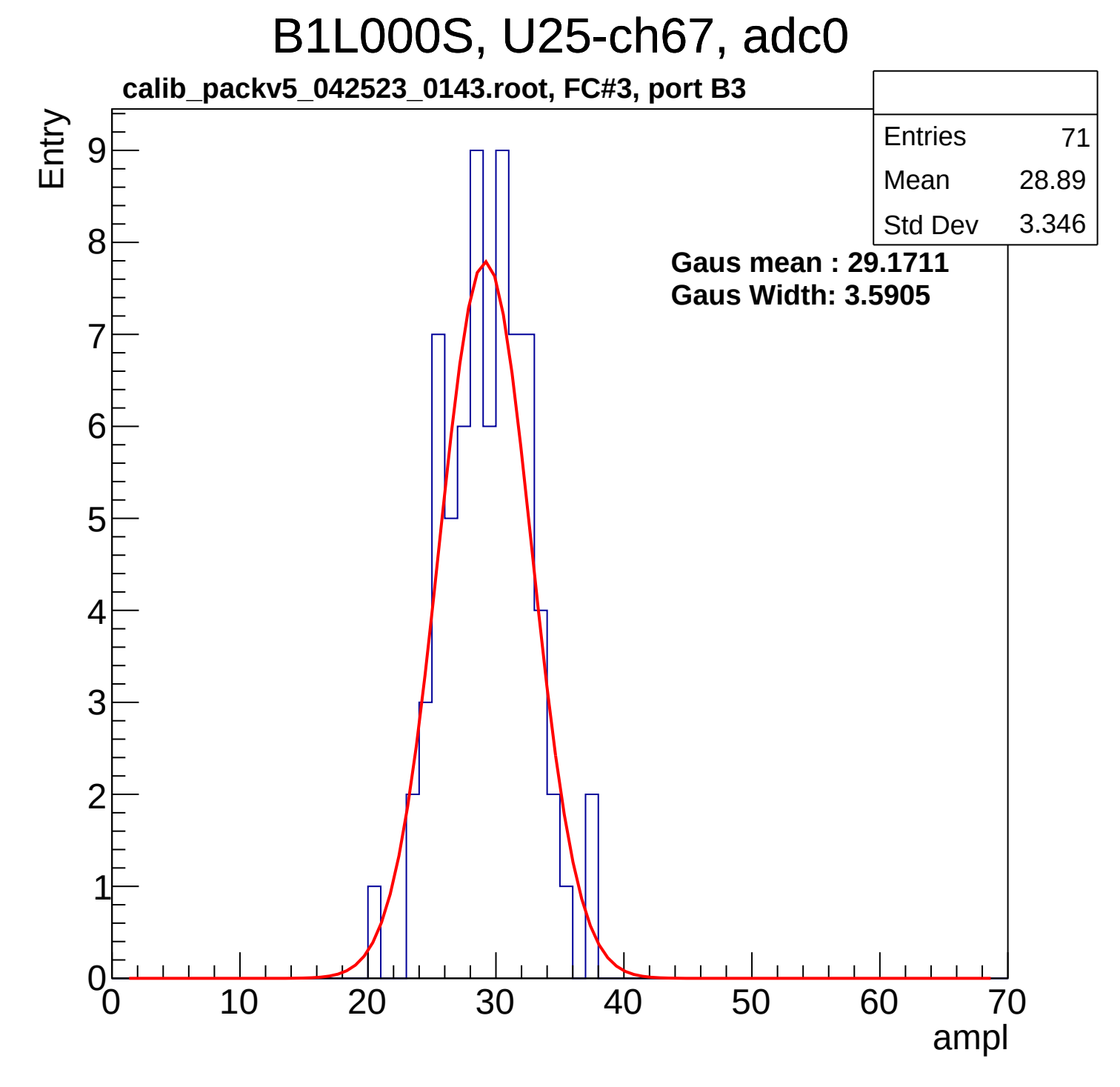
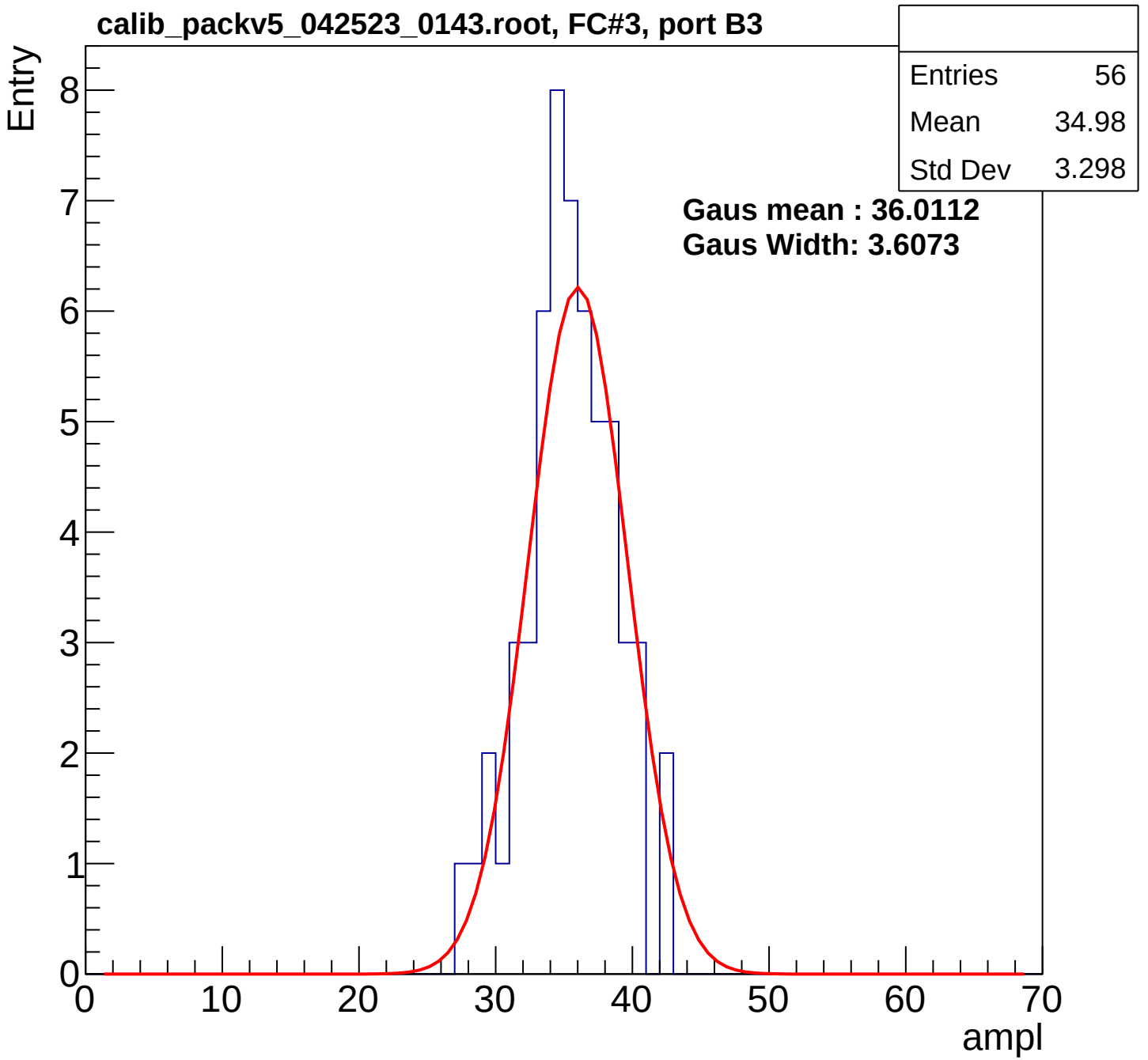
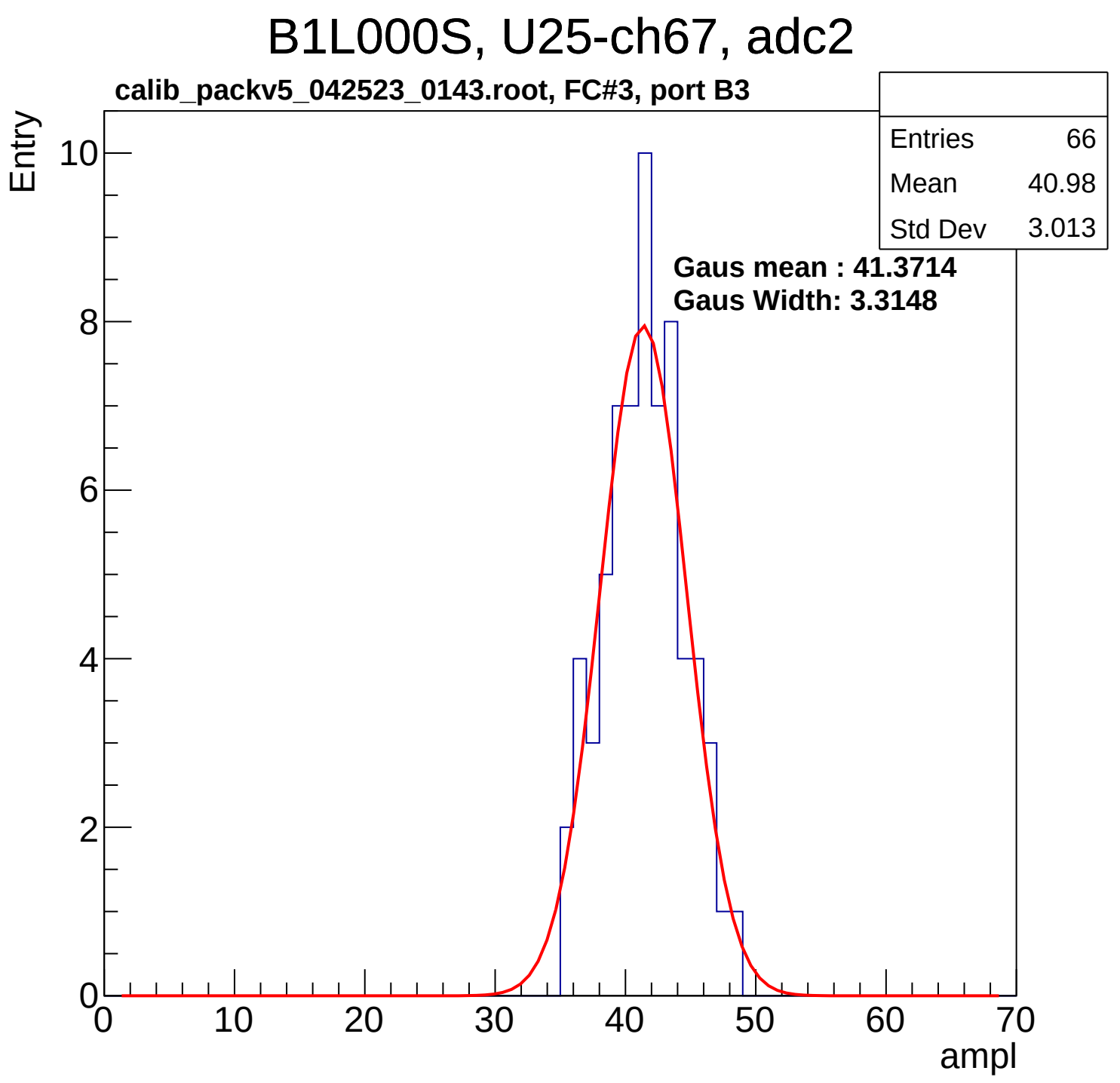
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch66, 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, U25-ch67, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 28.89
Std Dev 3.346
Gaus mean : 29.1711
Gaus Width: 3.5905
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch67, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 34.98
Std Dev 3.298
Gaus mean : 36.0112
Gaus Width: 3.6073
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch67, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 40.98
Std Dev 3.013
Gaus mean : 41.3714
Gaus Width: 3.3148
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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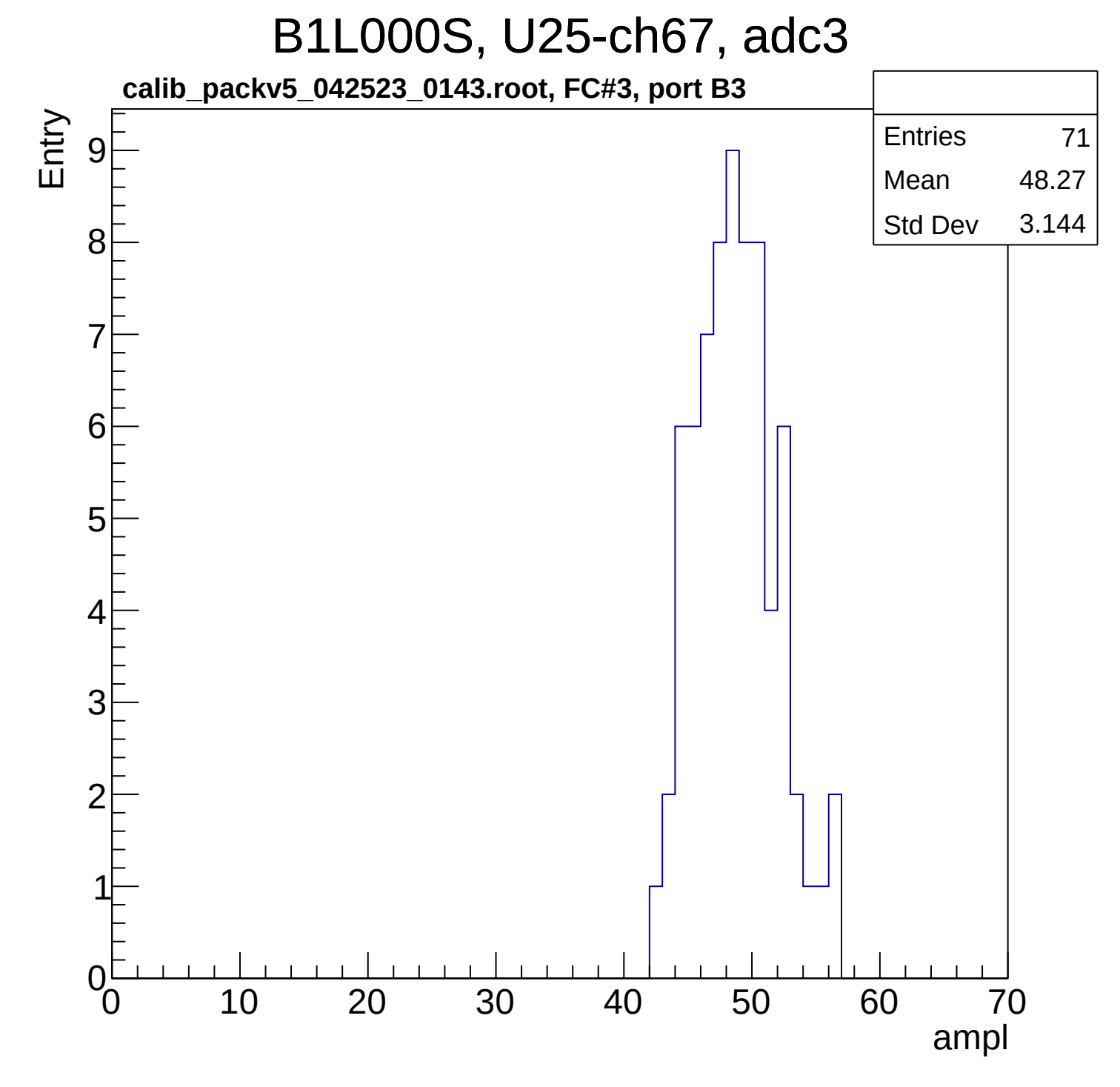
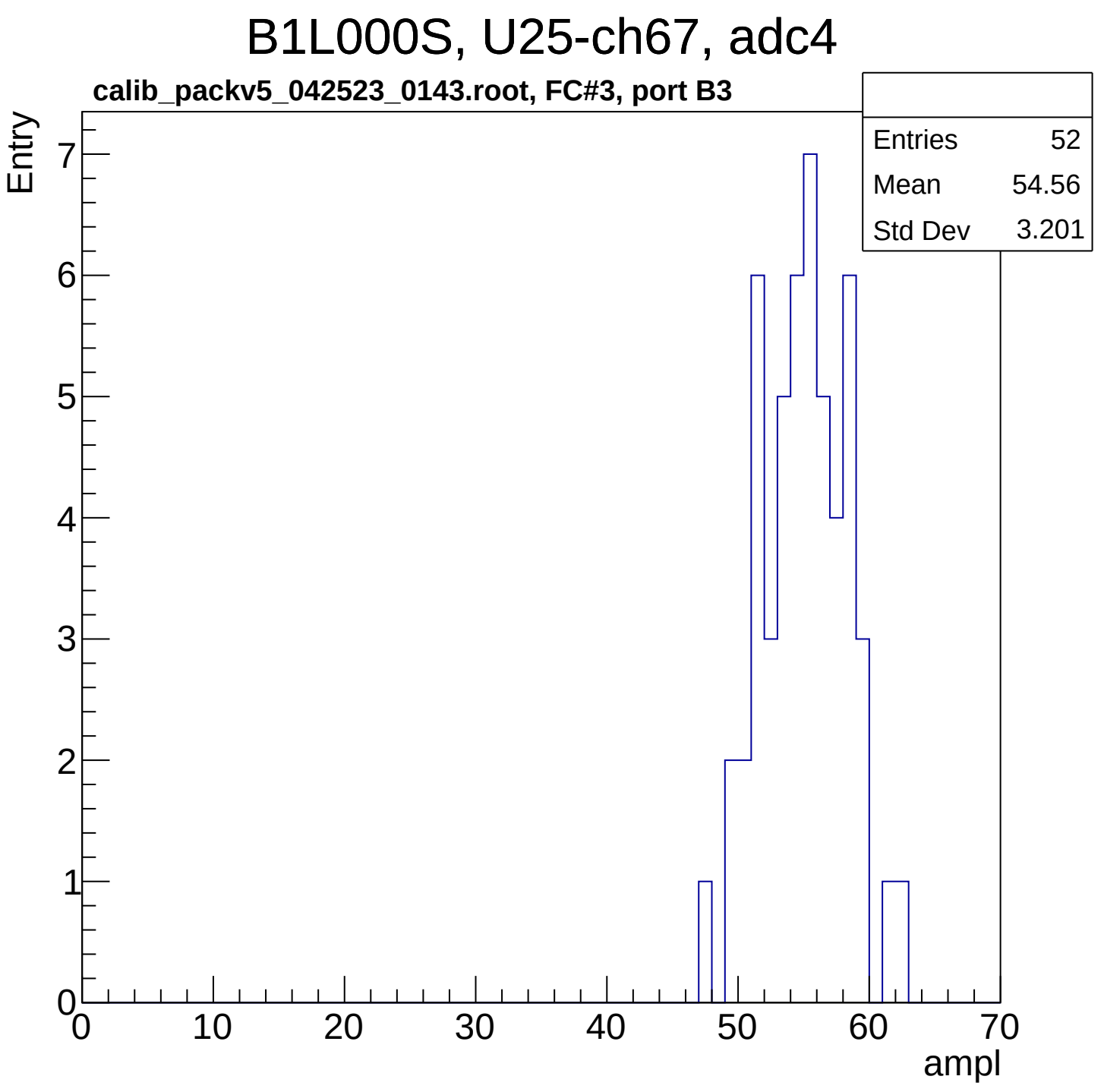
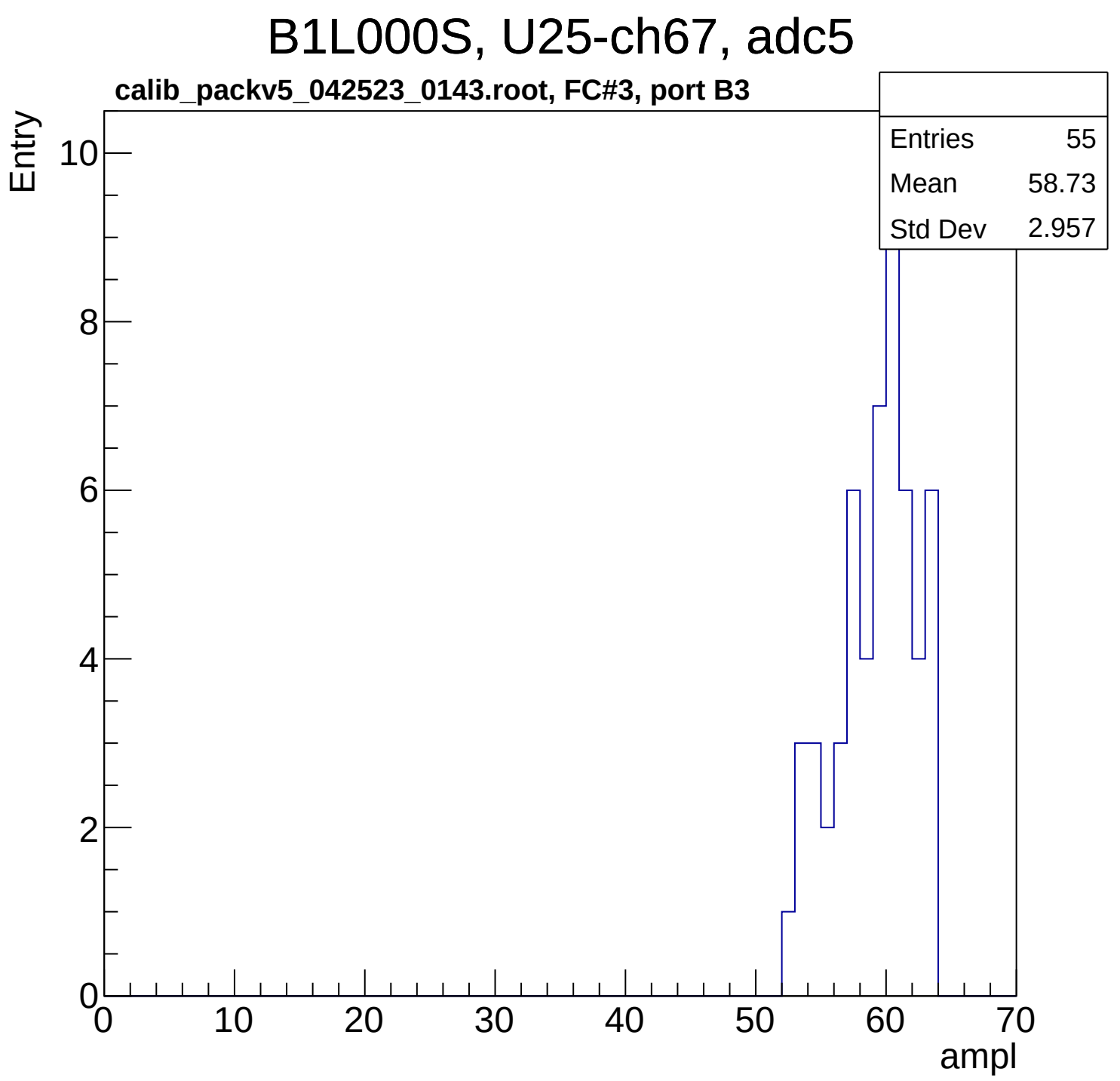
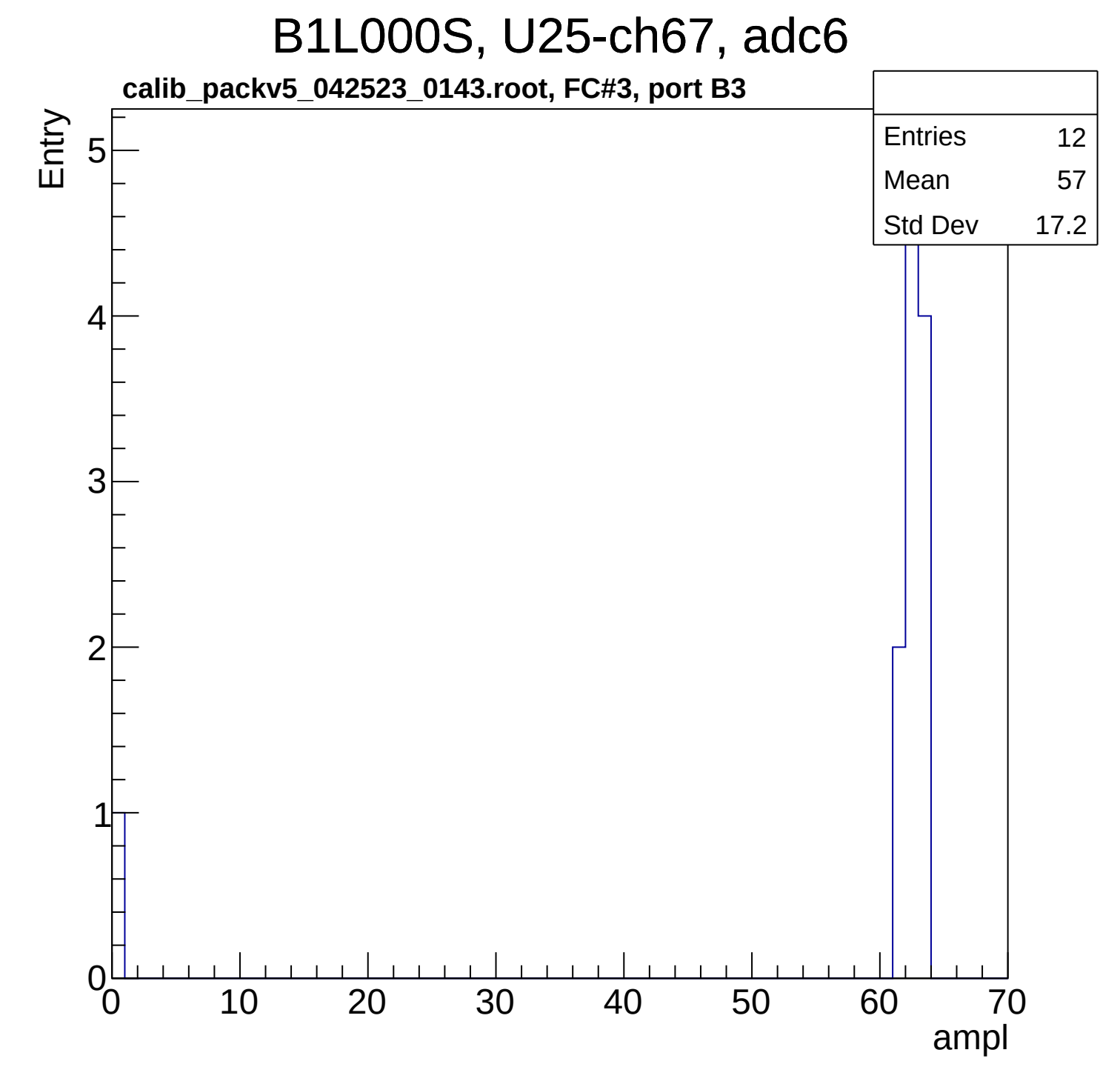
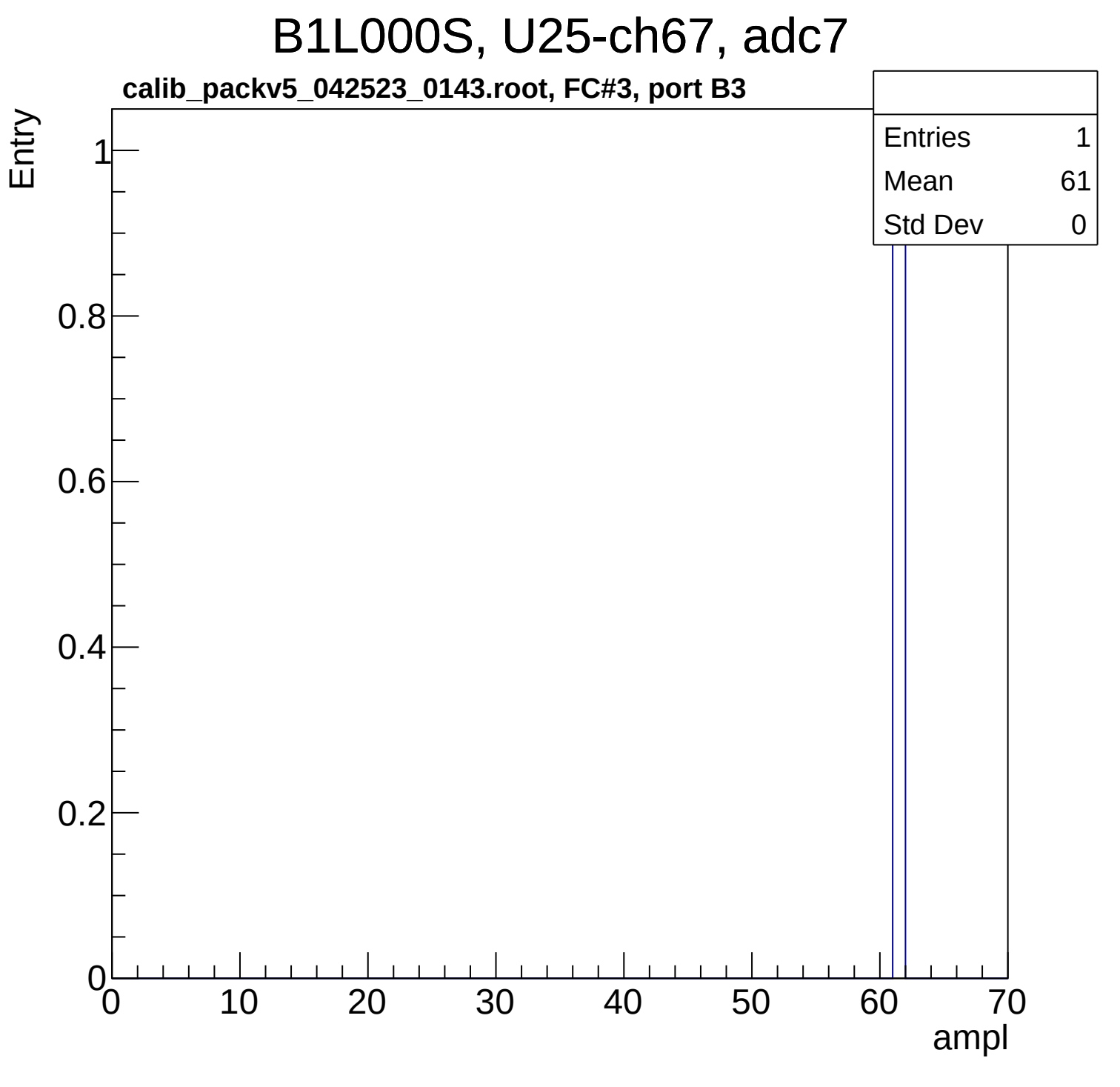

B1L000S, U25-ch67, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 48.27
Std Dev 3.144
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch67, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 54.56
Std Dev 3.201
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U25-ch67, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 58.73
Std Dev 2.957
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch67, 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, U25-ch67, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 61
Std Dev 0
Entry
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0.8
0.6
0.4
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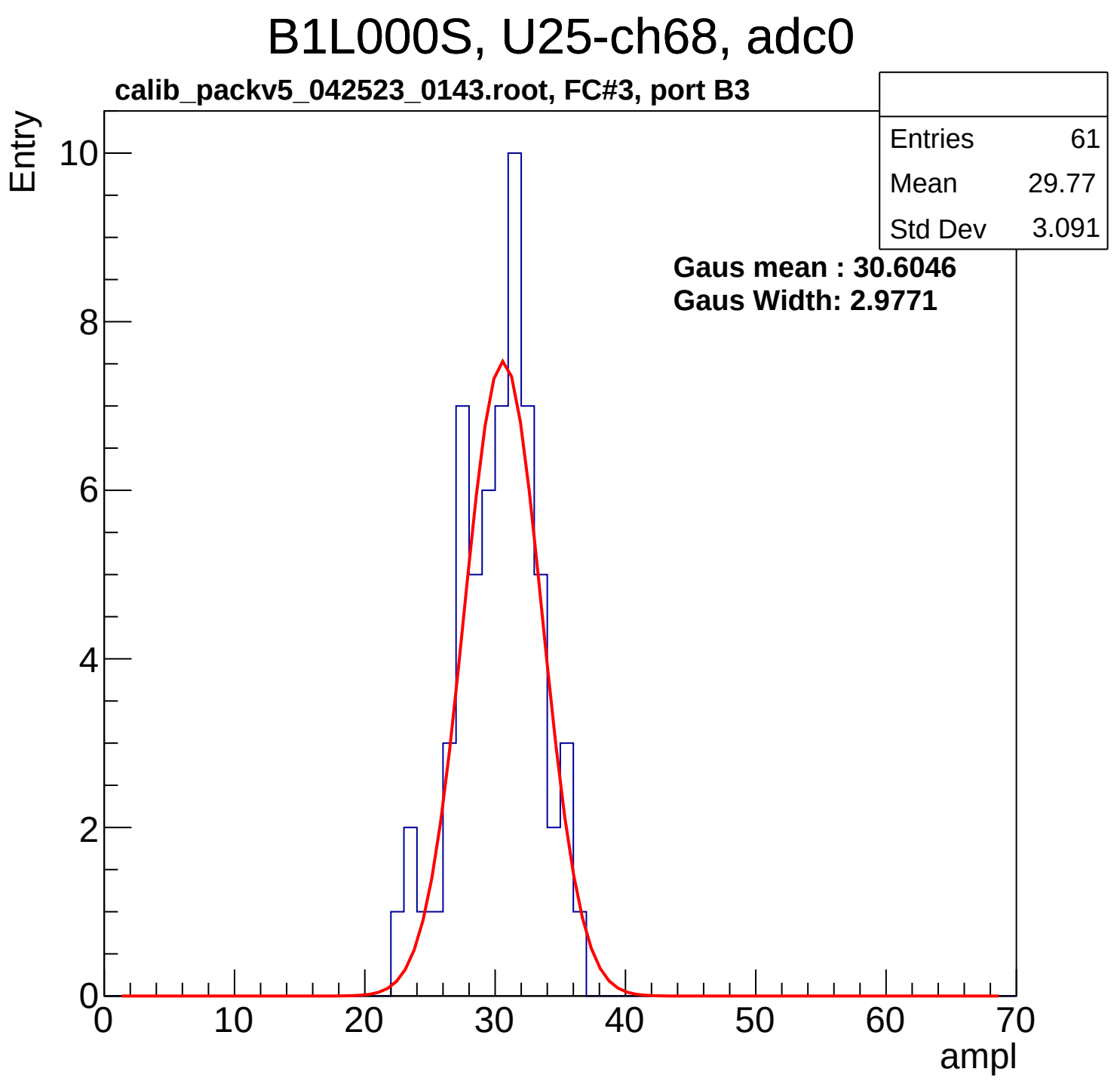
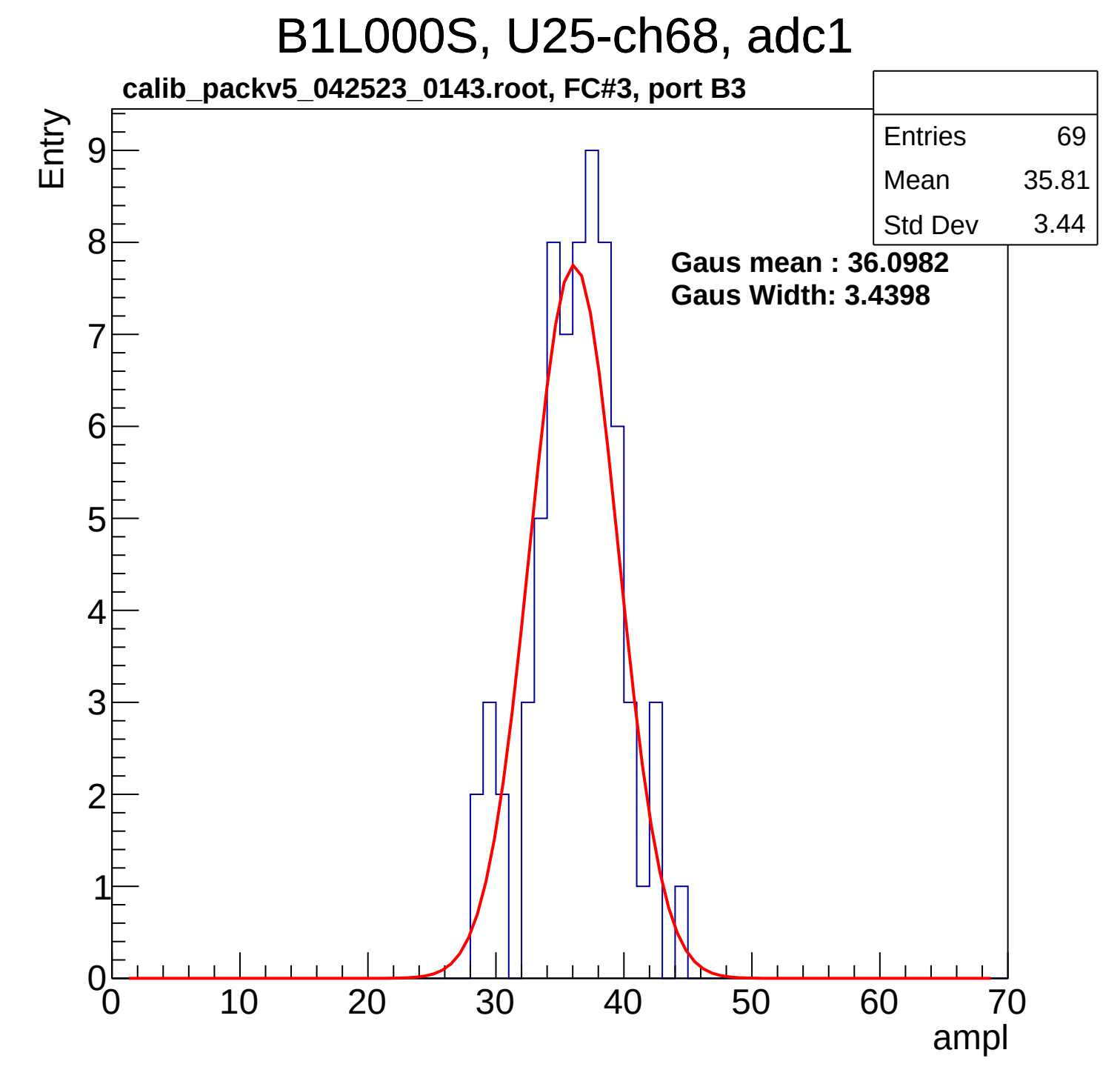
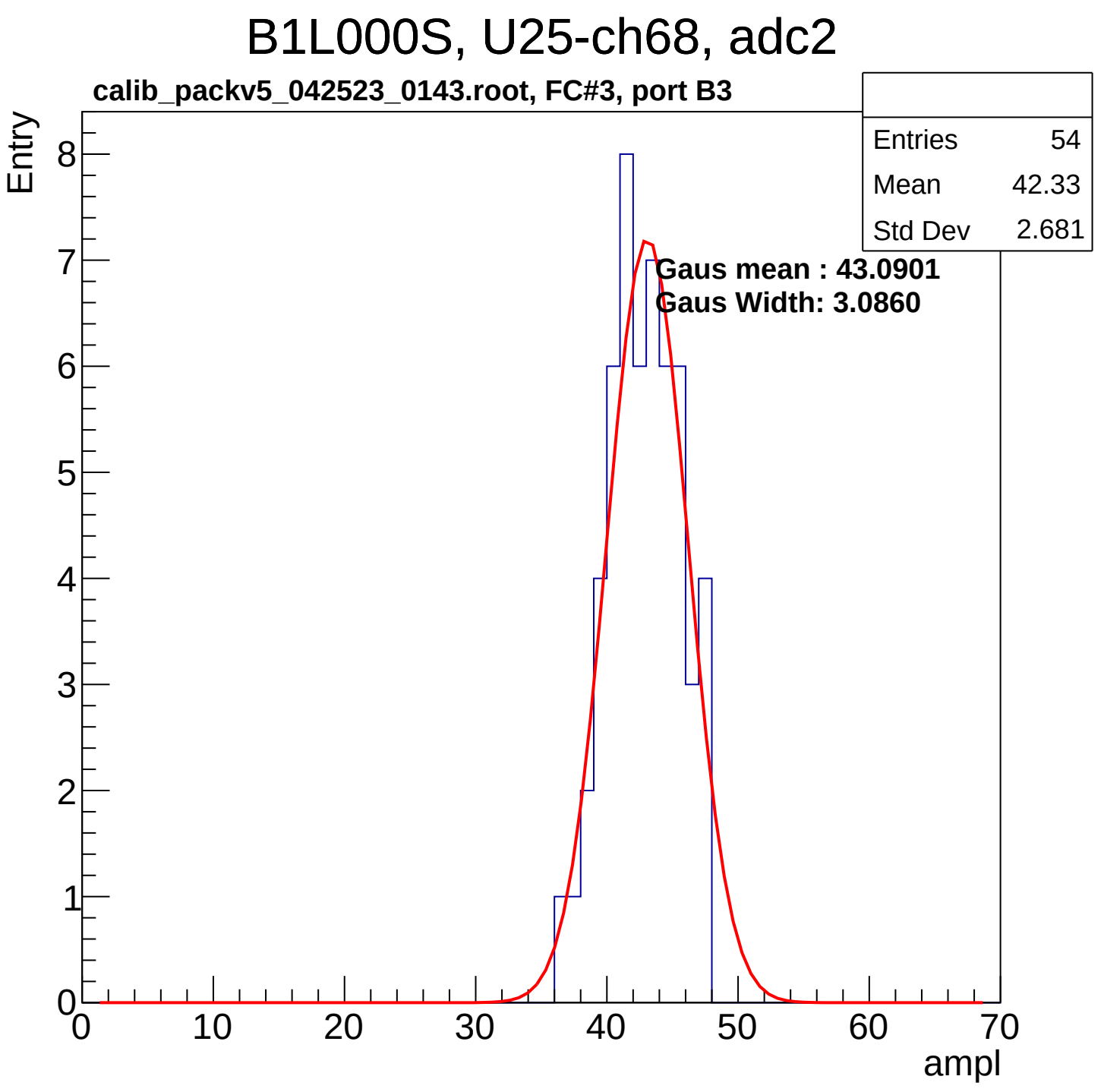
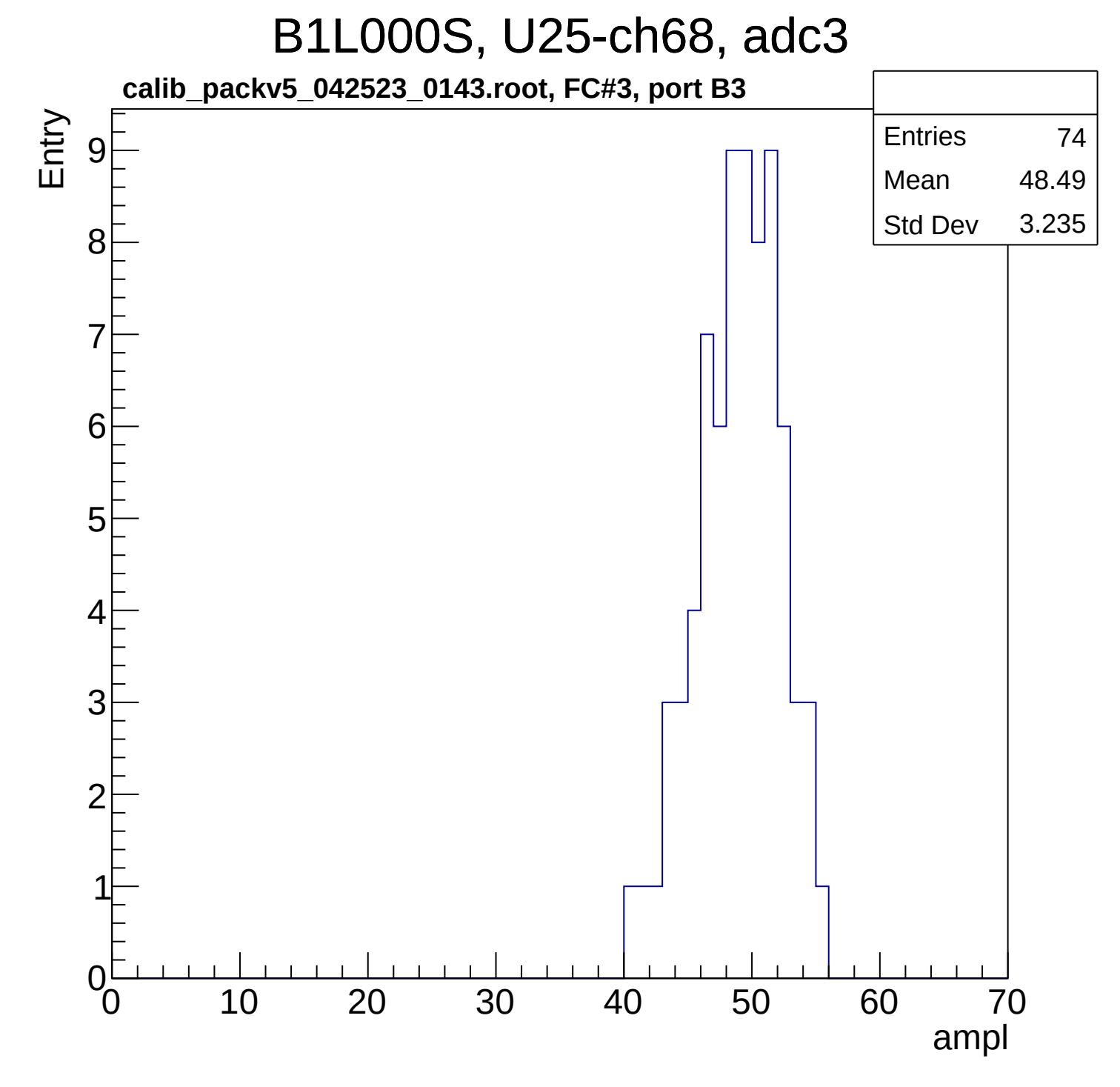
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch68, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 29.77
Std Dev 3.091
Gaus mean : 30.6046
Gaus Width: 2.9771
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch68, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 35.81
Std Dev 3.44
Gaus mean : 36.0982
Gaus Width: 3.4398
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch68, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 42.33
Std Dev 2.681
Gaus mean : 43.0901
Gaus Width: 3.0860
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch68, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 48.49
Std Dev 3.235
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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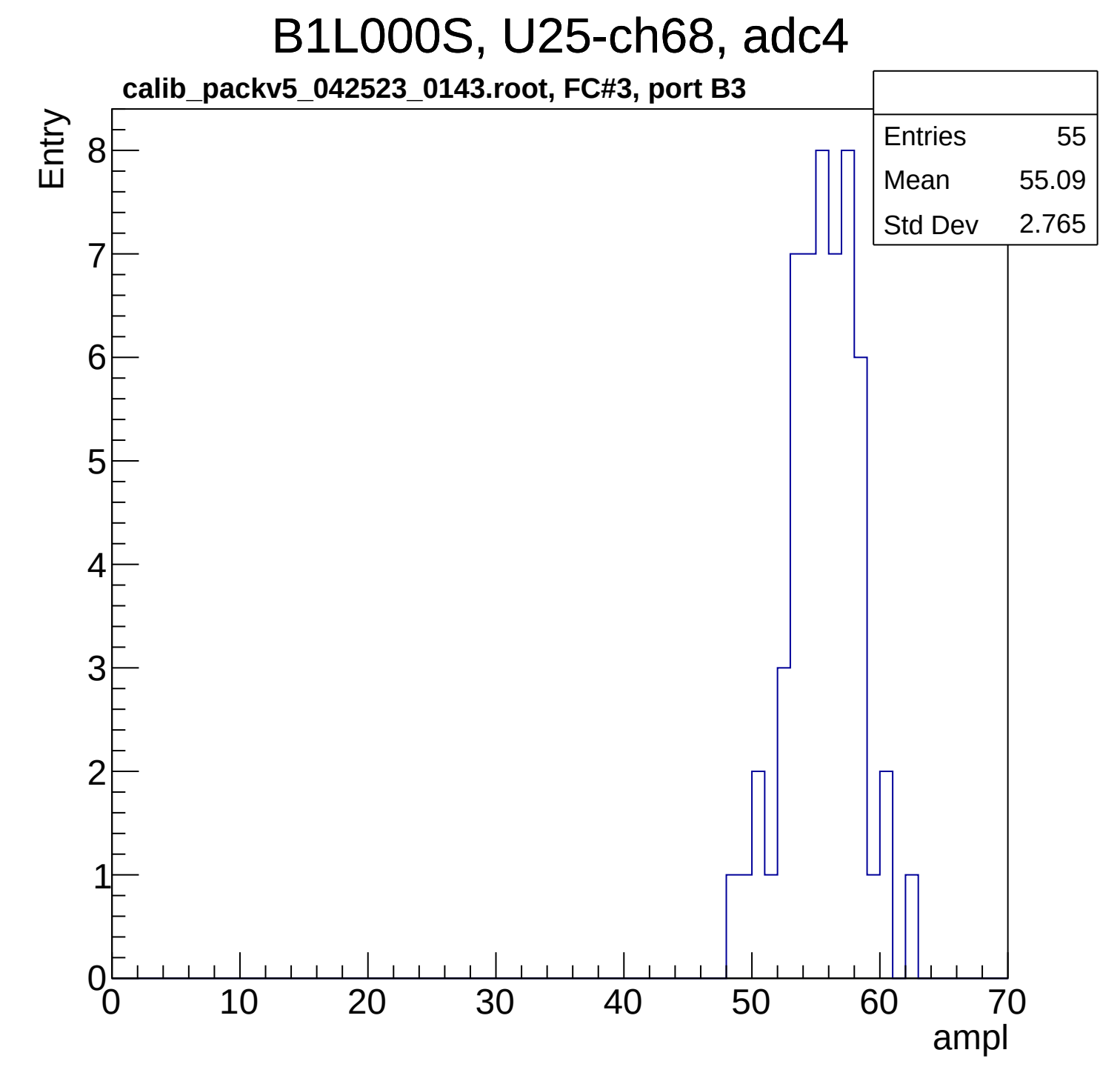
B1L000S, U25-ch68, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 55.09
Std Dev 2.765
Entry
ampl
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2
3
4
5
6
7
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0
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20
30
40
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60
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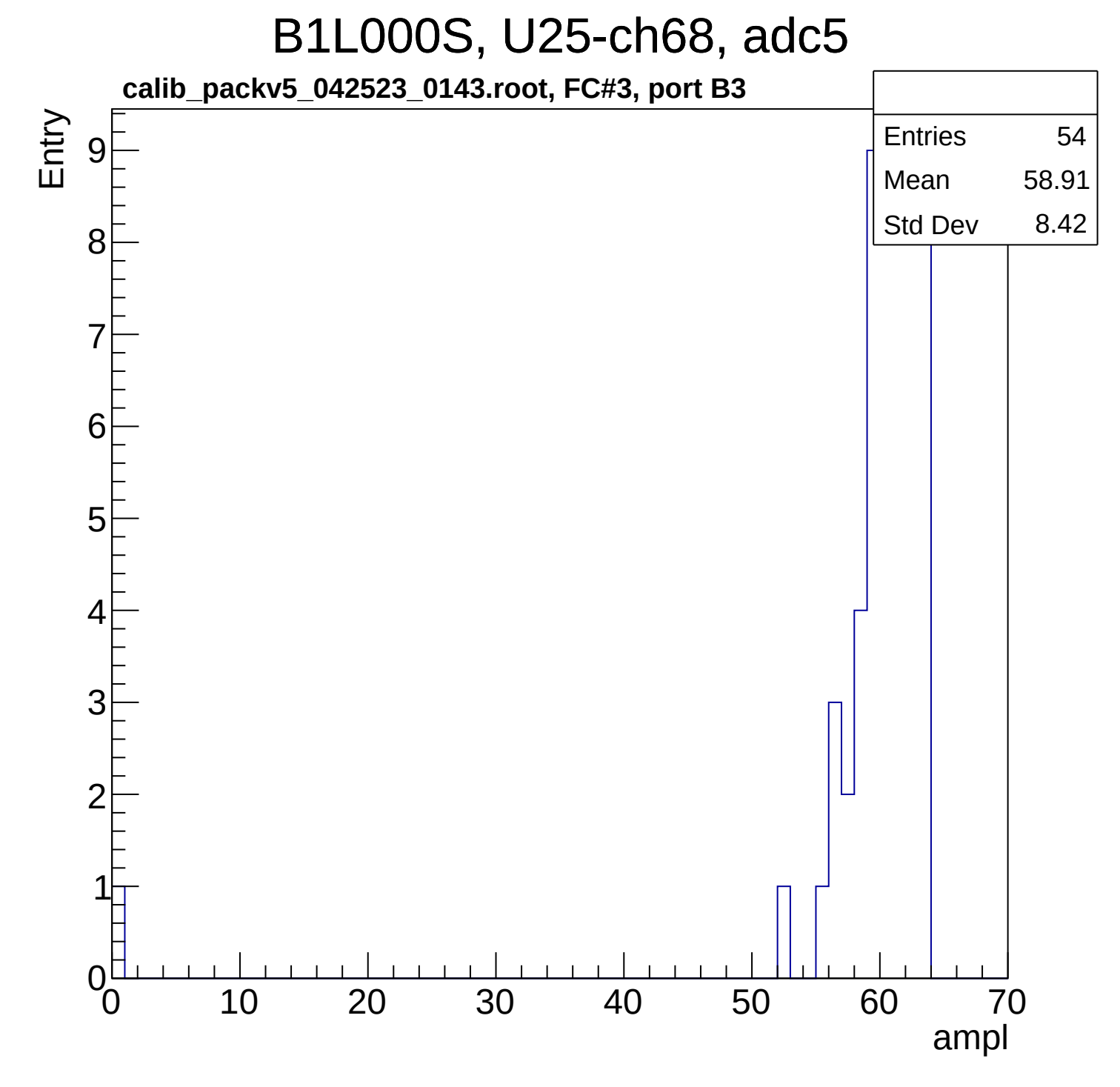
B1L000S, U25-ch68, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 58.91
Std Dev 8.42
Entry
ampl
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3
4
5
6
7
8
9
0
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60
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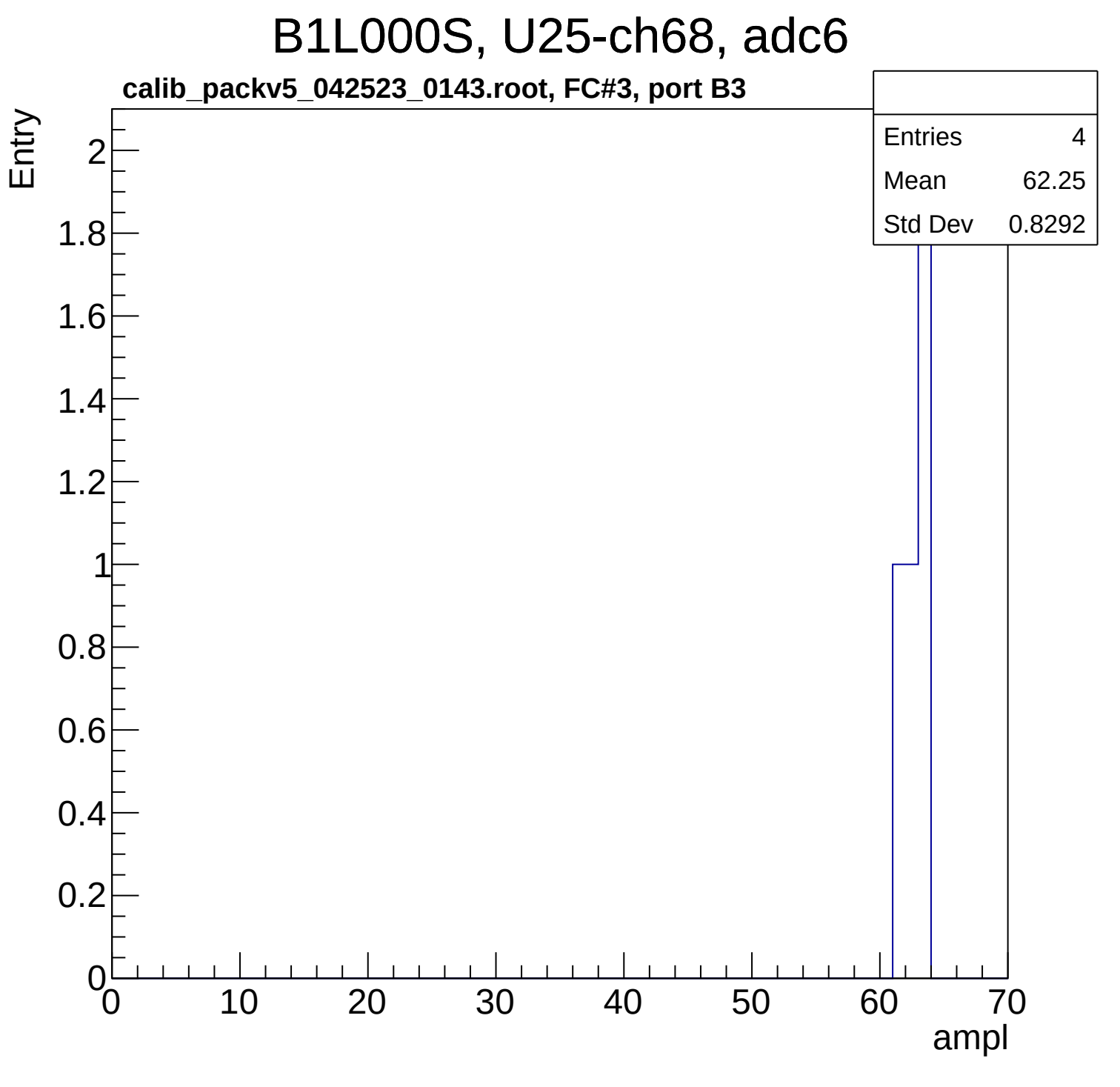
B1L000S, U25-ch68, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 62.25
Std Dev 0.8292
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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20
30
40
50
60
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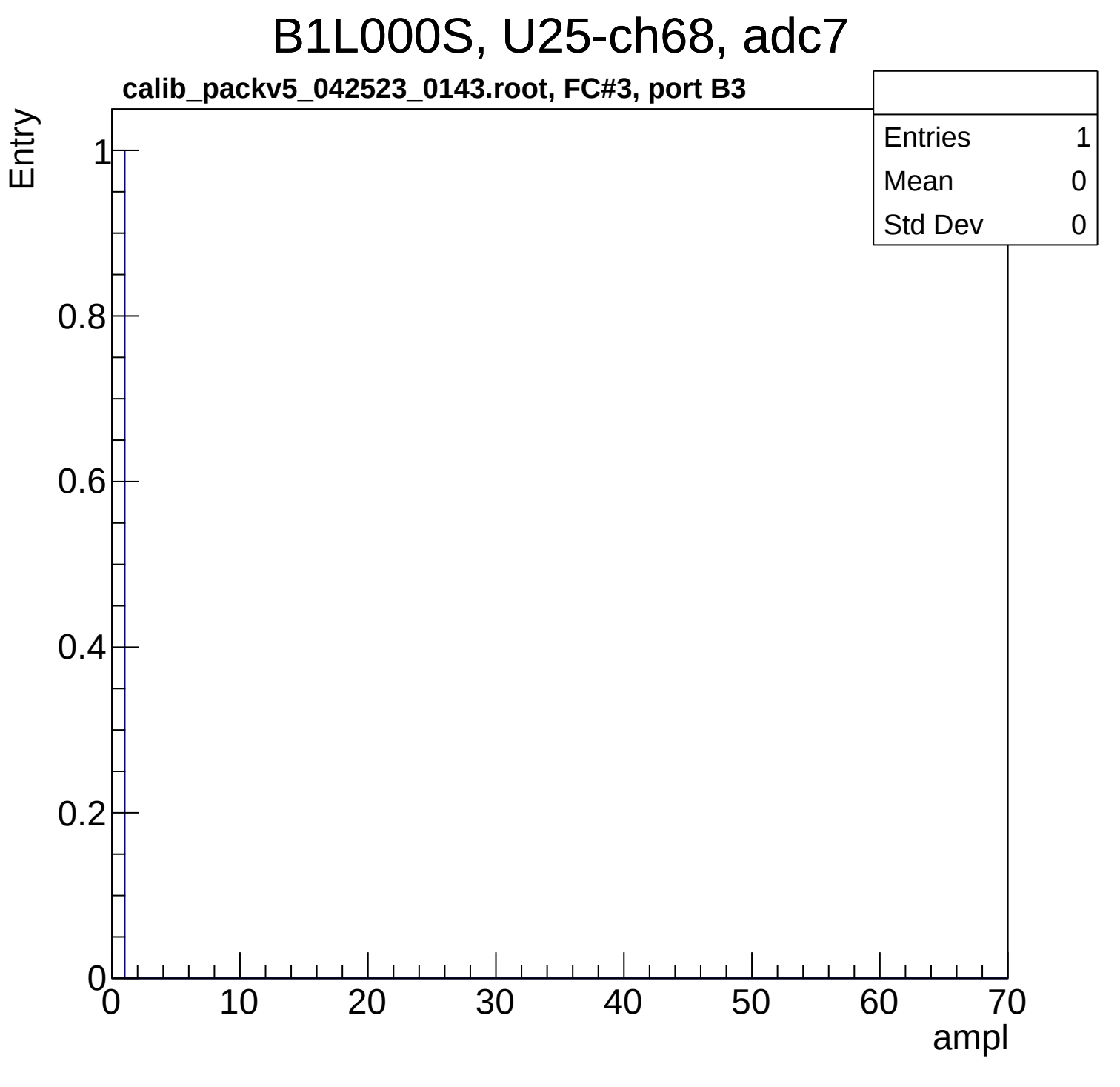
B1L000S, U25-ch68, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
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0.8
0.6
0.4
0.2
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0
10
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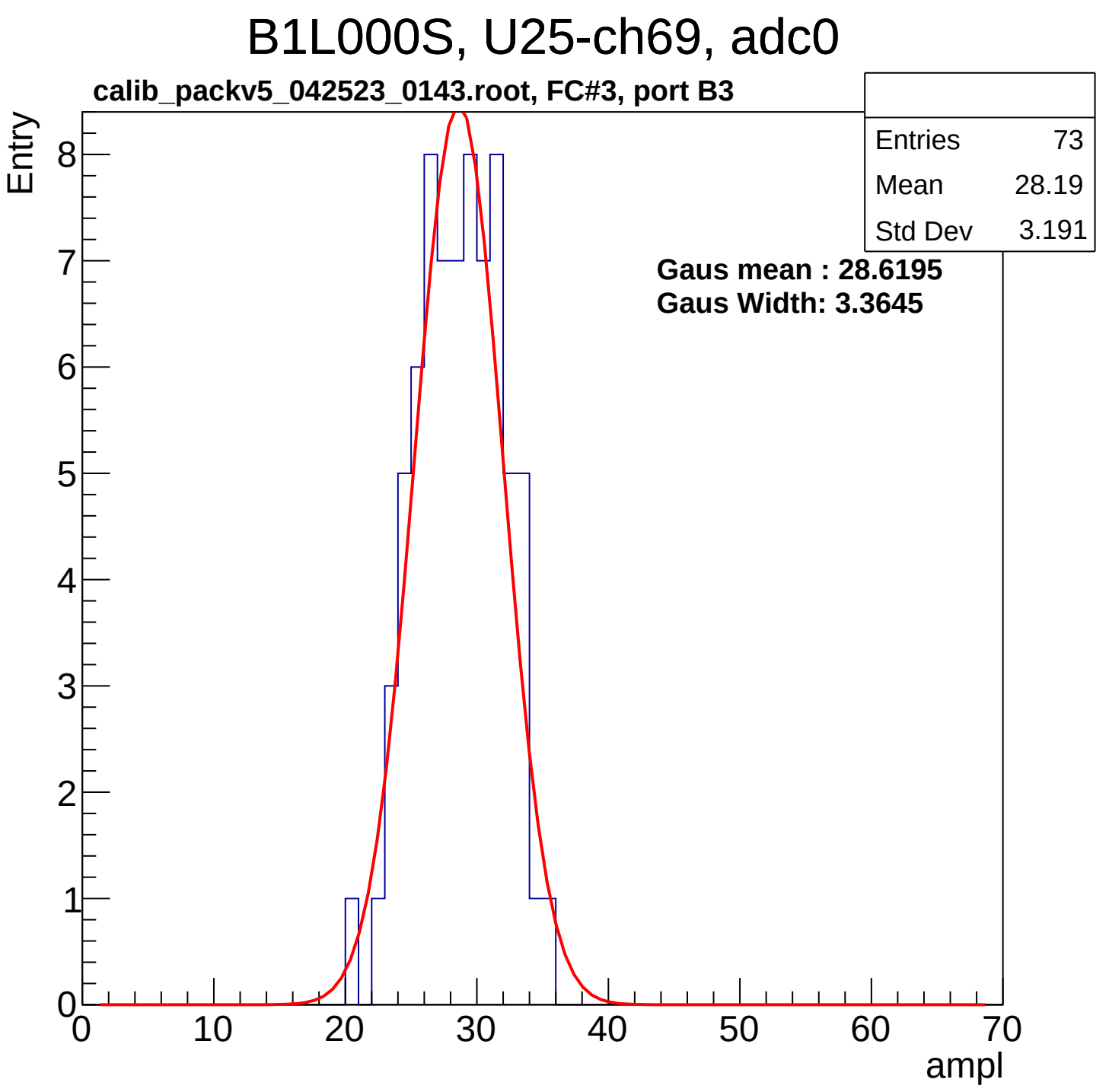
40
50
60
70
ampl


B1L000S, U25-ch69, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 28.19
Std Dev 3.191
Gaus mean : 28.6195
Gaus Width: 3.3645
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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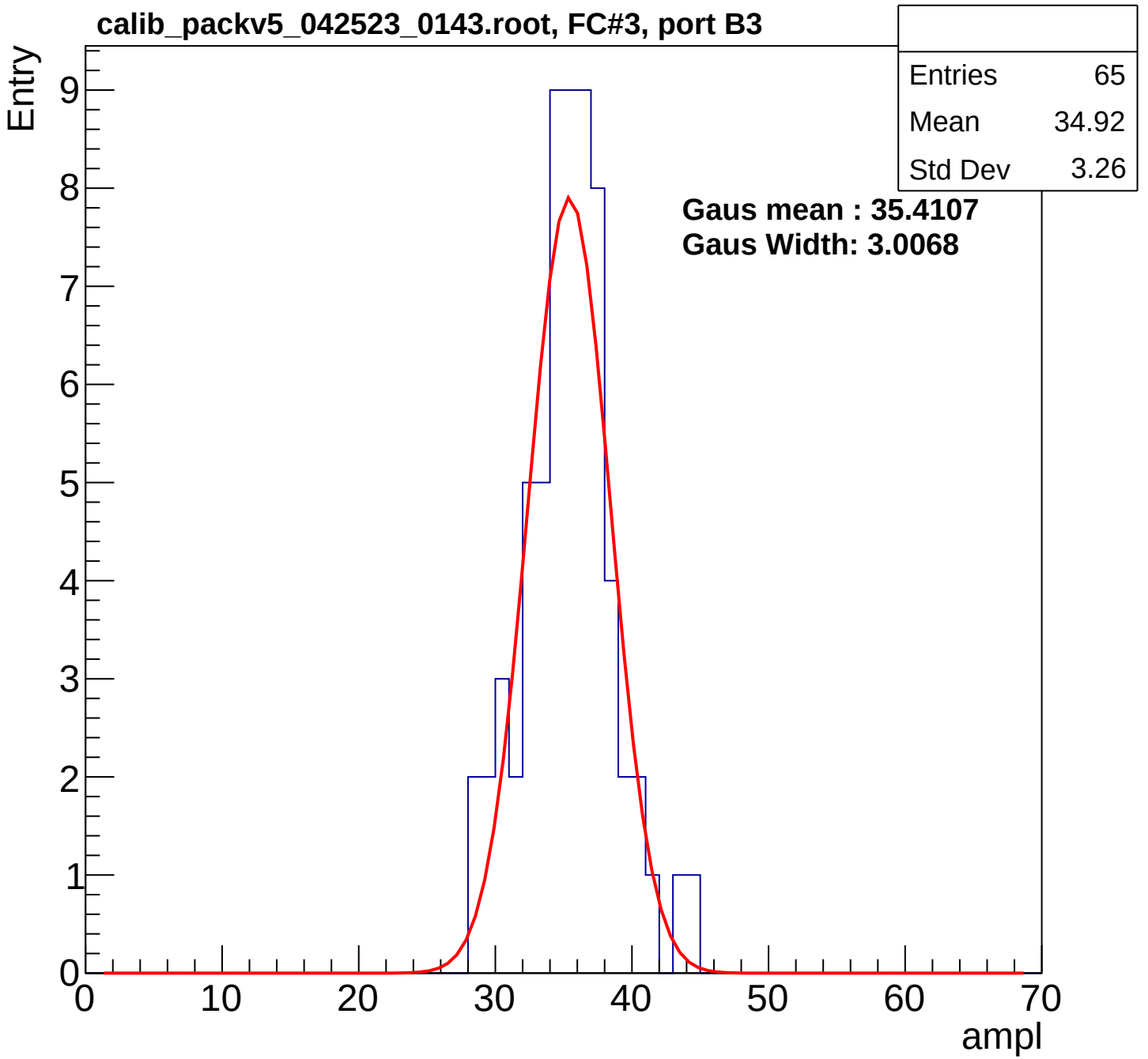
B1L000S, U25-ch69, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 34.92
Std Dev 3.26
Gaus mean : 35.4107
Gaus Width: 3.0068
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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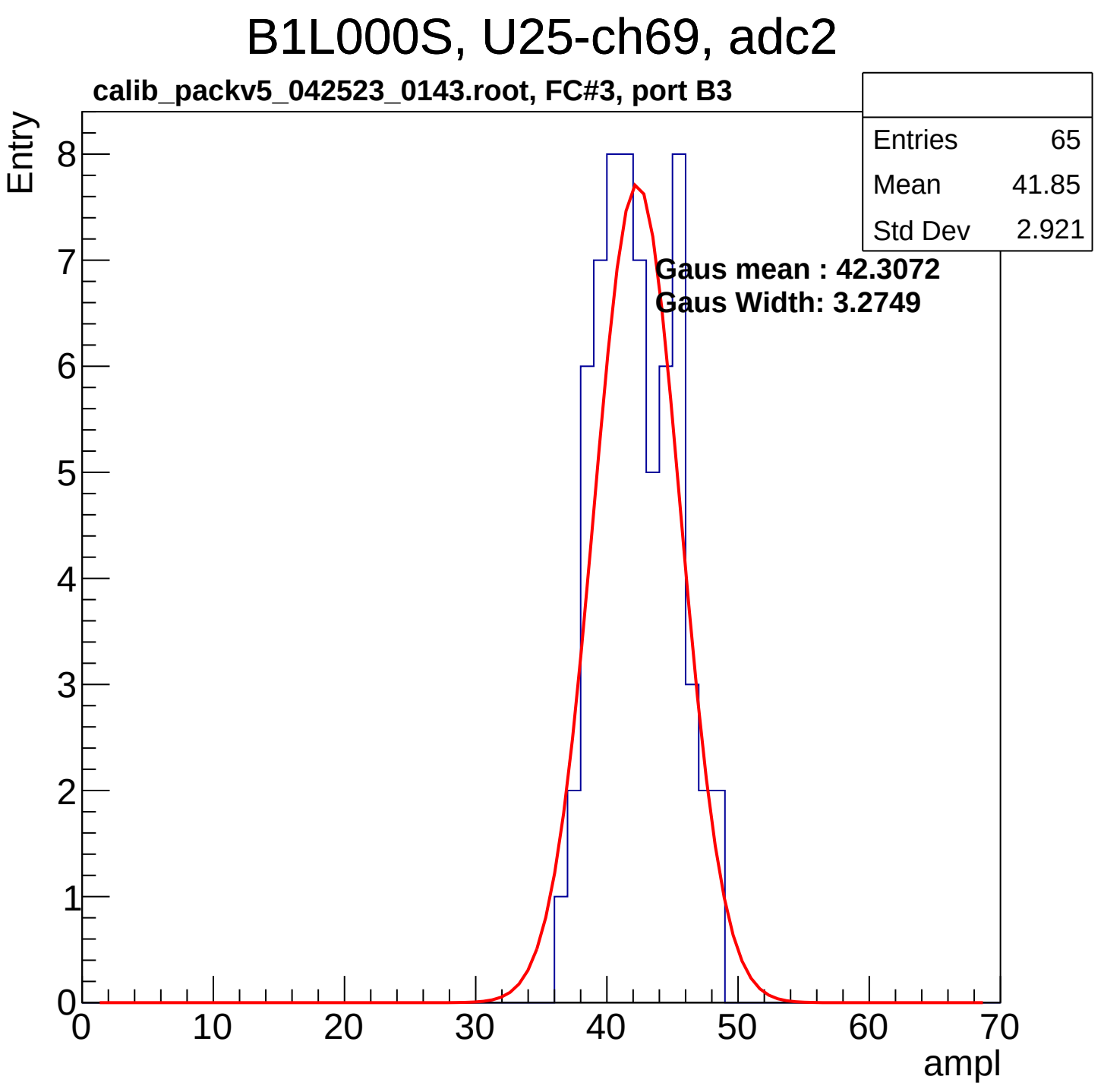
B1L000S, U25-ch69, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 41.85
Std Dev 2.921
Gaus mean : 42.3072
Gaus Width: 3.2749
Entry
ampl
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1
2
3
4
5
6
7
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0
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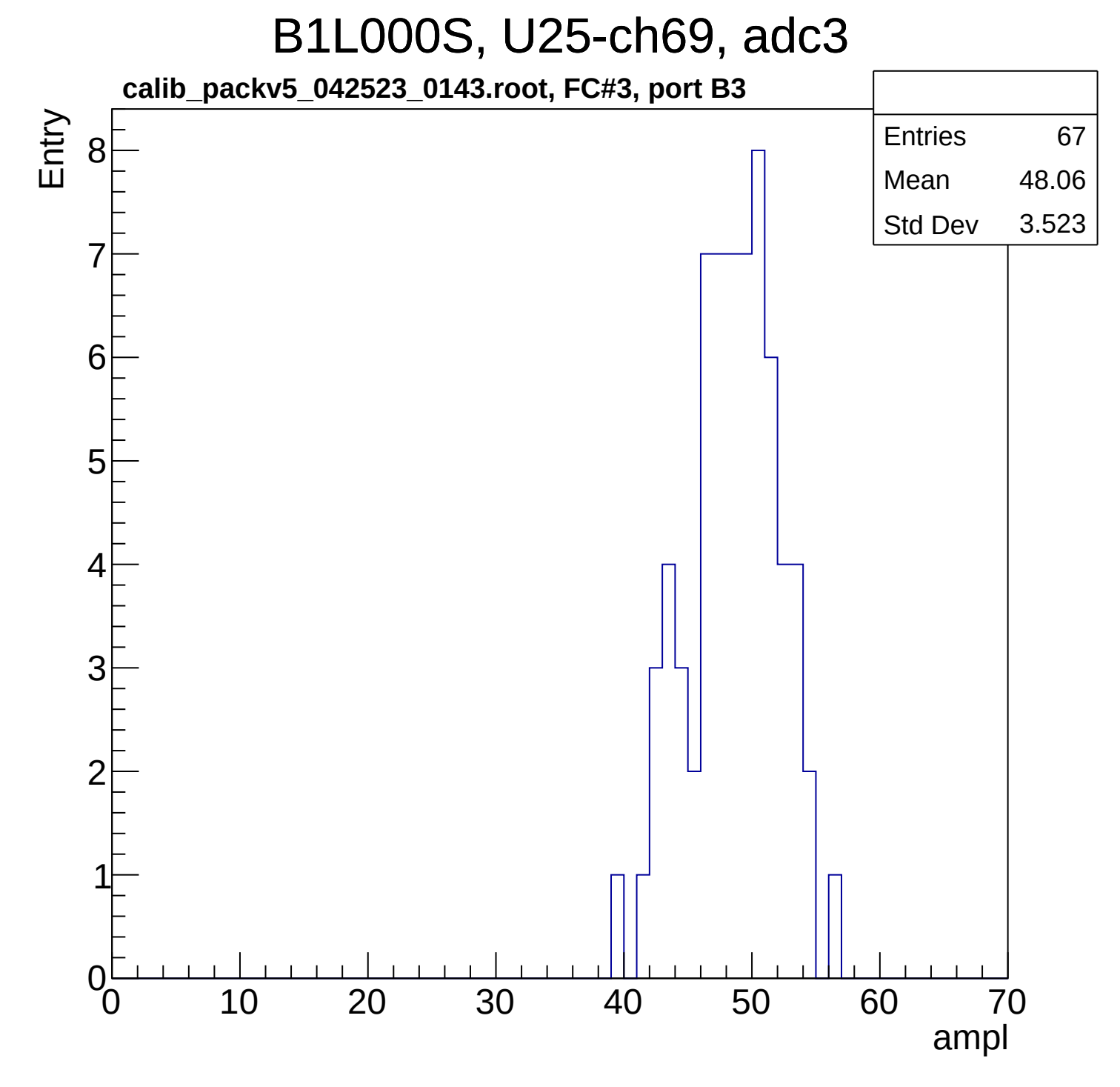
B1L000S, U25-ch69, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 48.06
Std Dev 3.523
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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20
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40
50
60
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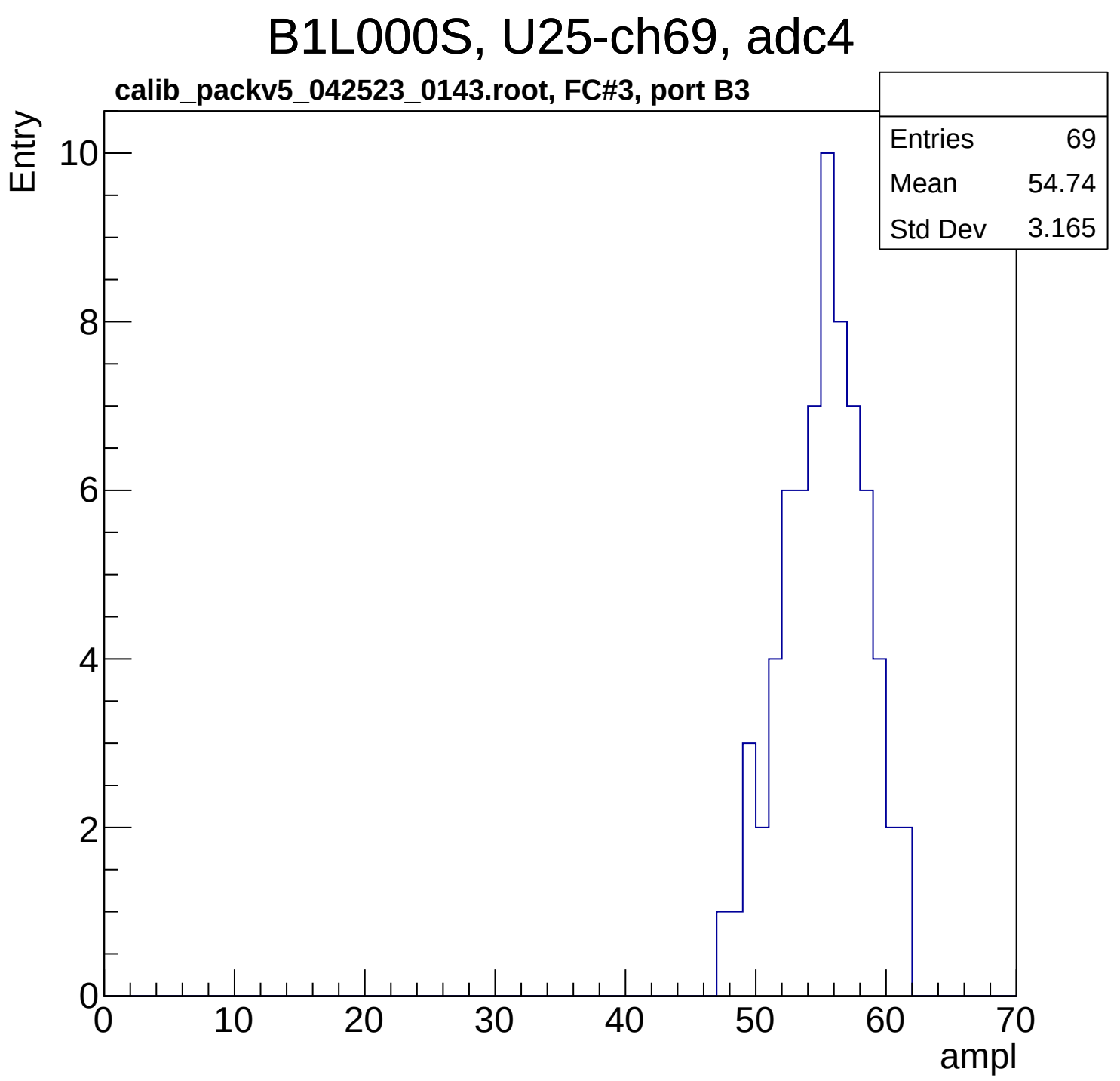
B1L000S, U25-ch69, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 54.74
Std Dev 3.165
Entry
0
2
4
6
8
10
0
10
20
30
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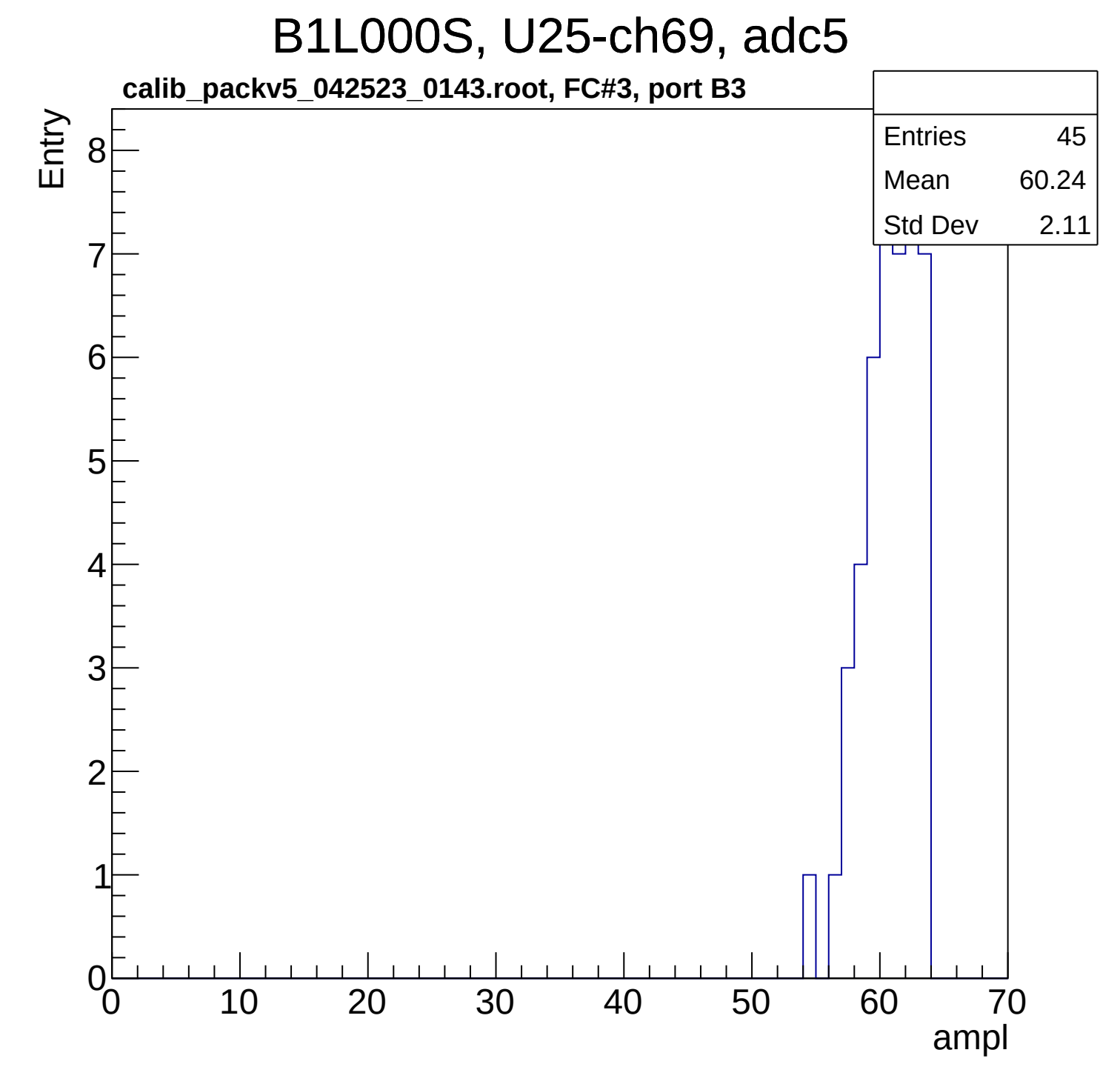
50
60
70
ampl


B1L000S, U25-ch69, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 60.24
Std Dev 2.11
Entry
ampl
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1
2
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4
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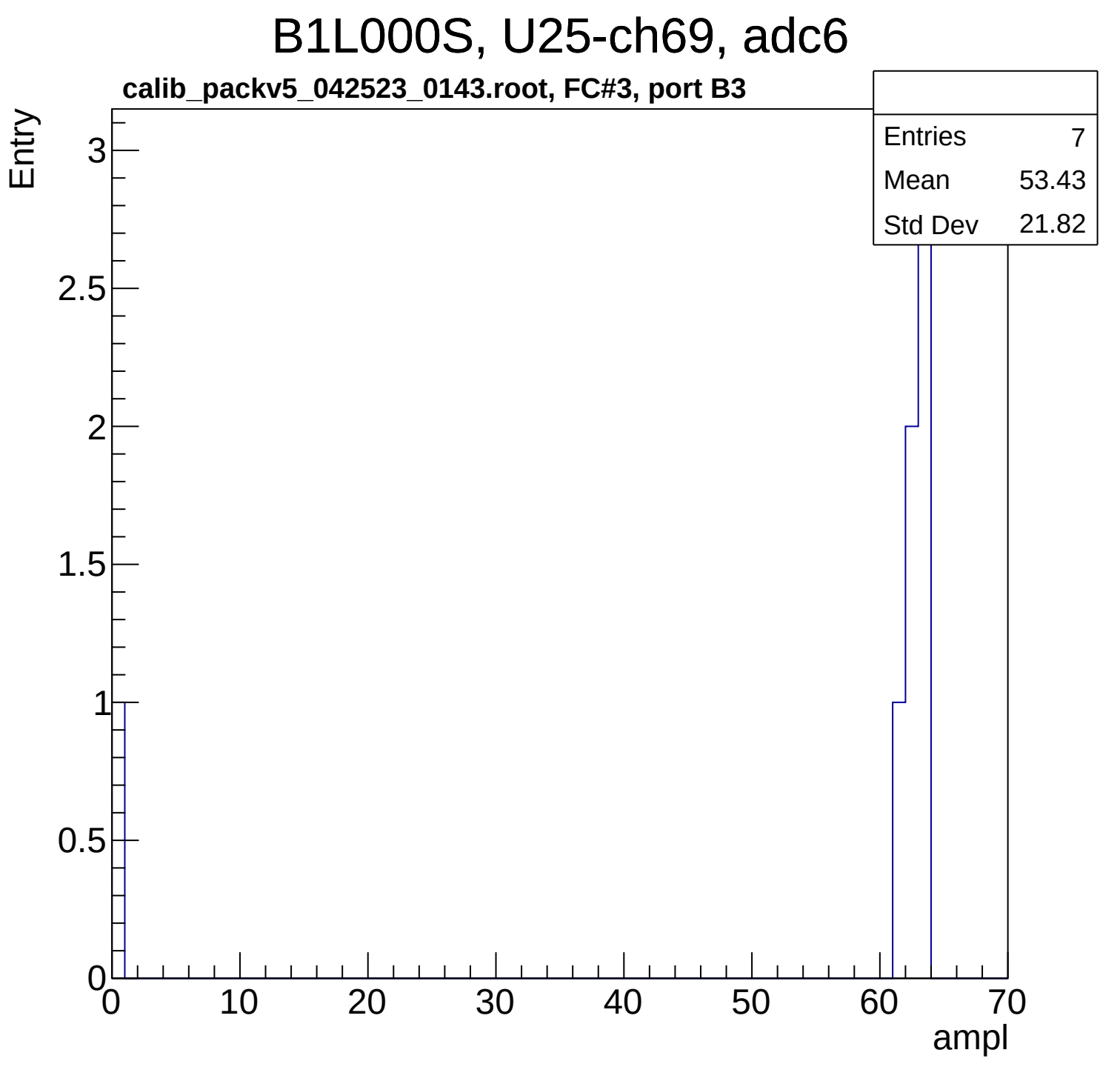
B1L000S, U25-ch69, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 7
Mean 53.43
Std Dev 21.82
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
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60
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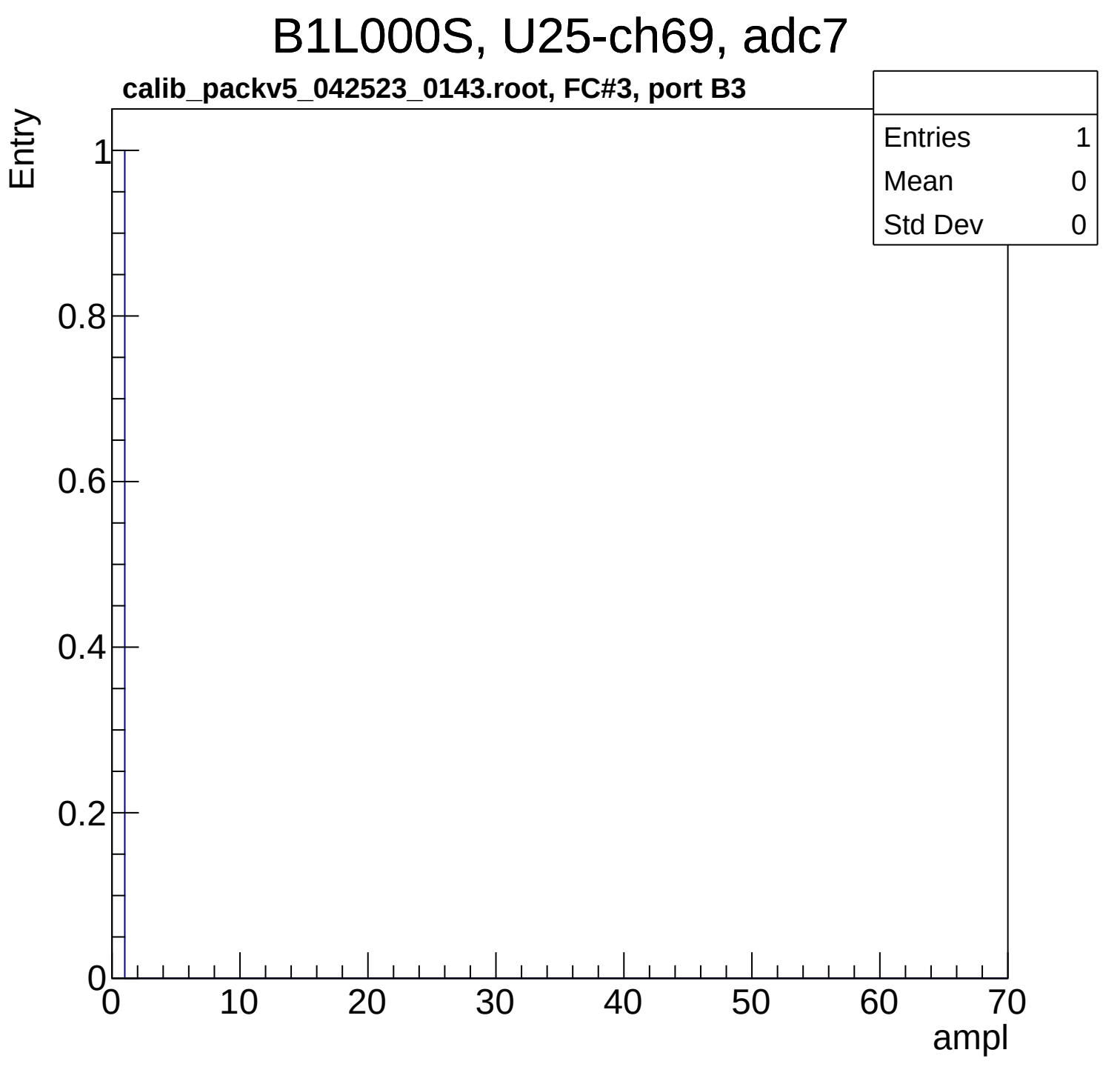
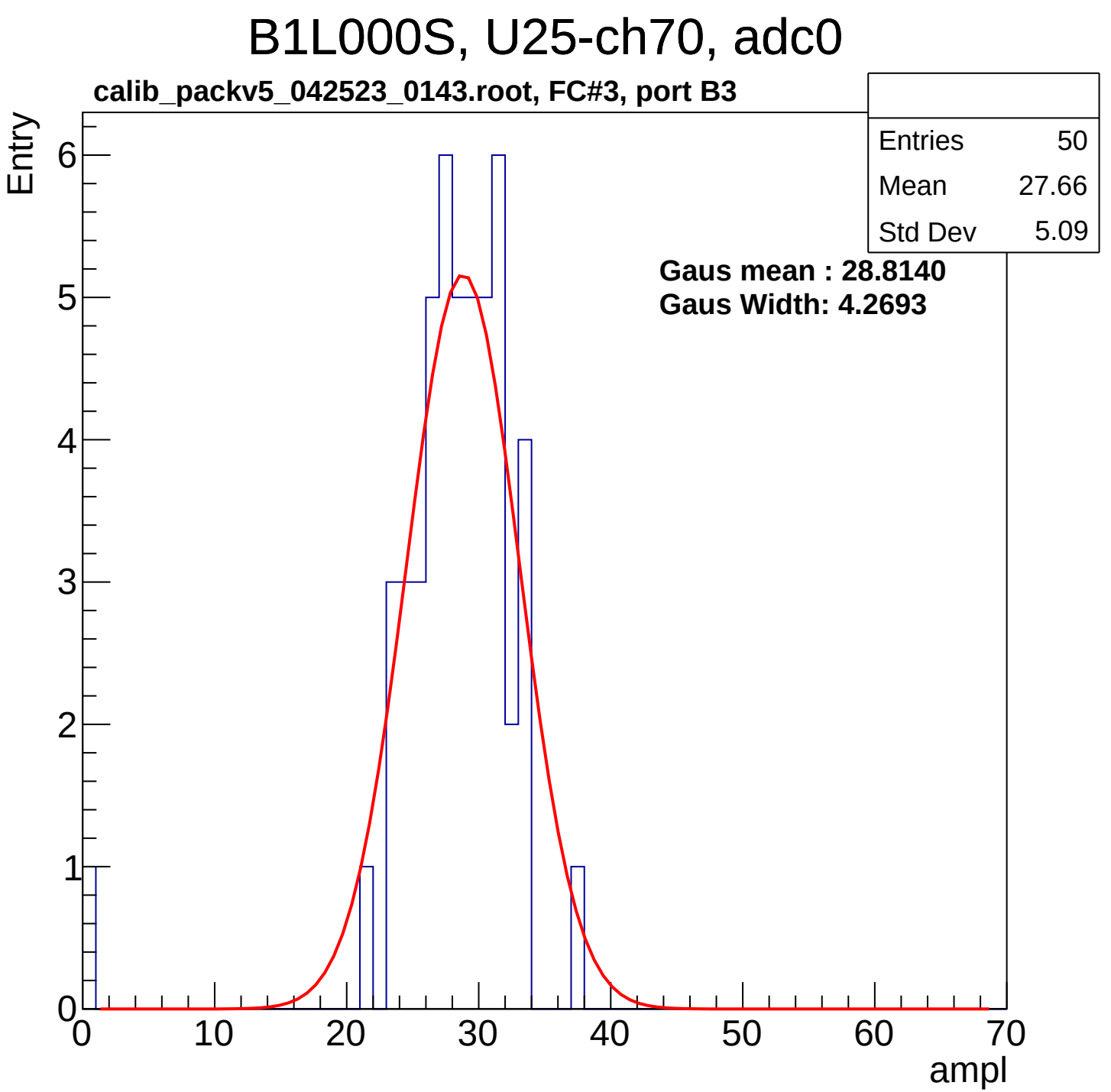
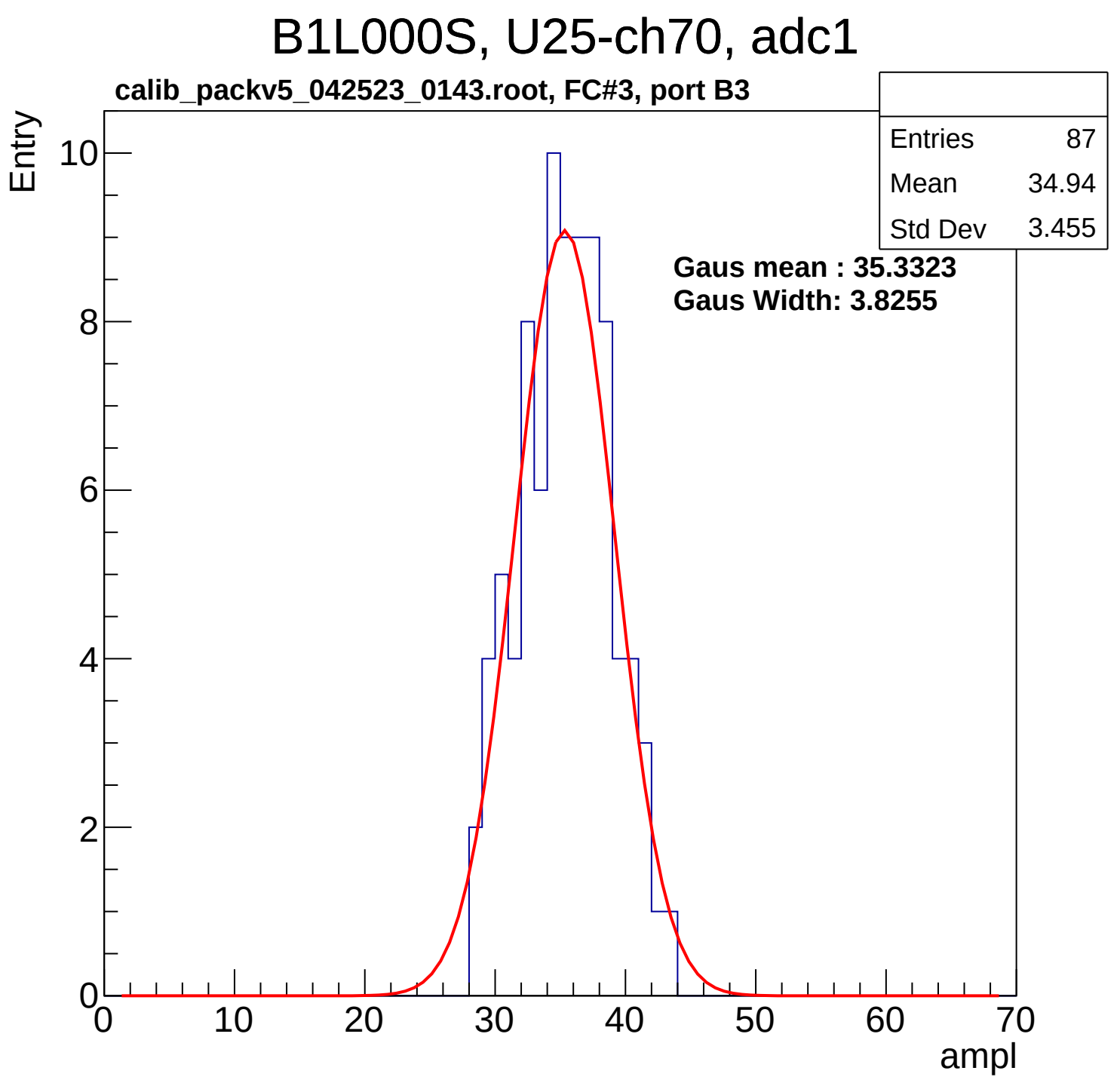

B1L000S, U25-ch69, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch70, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 27.66
Std Dev 5.09
Gaus mean : 28.8140
Gaus Width: 4.2693
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L000S, U25-ch70, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 87
Mean 34.94
Std Dev 3.455
Gaus mean : 35.3323
Gaus Width: 3.8255
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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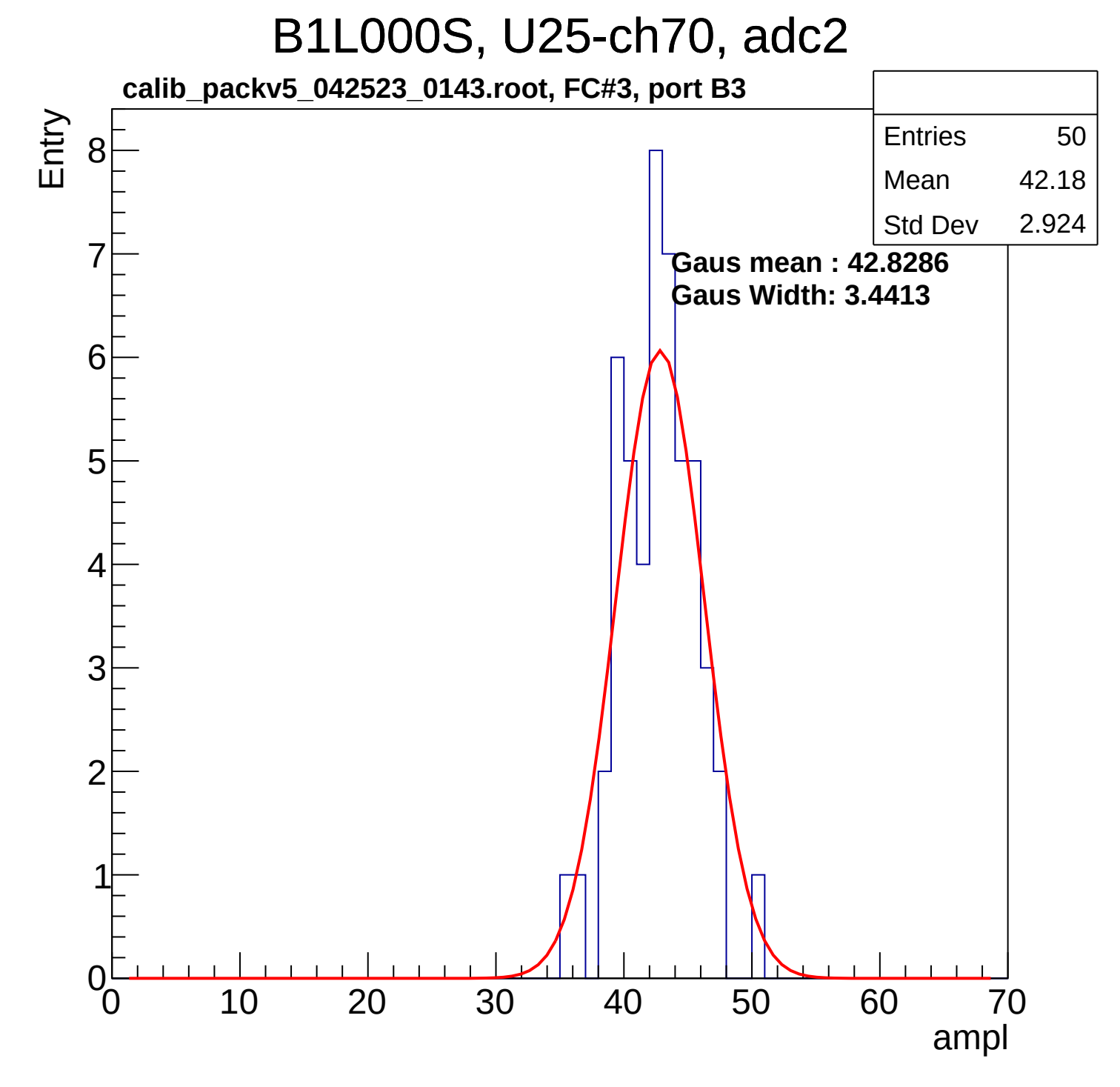
B1L000S, U25-ch70, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 42.18
Std Dev 2.924
Gaus mean : 42.8286
Gaus Width: 3.4413
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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40
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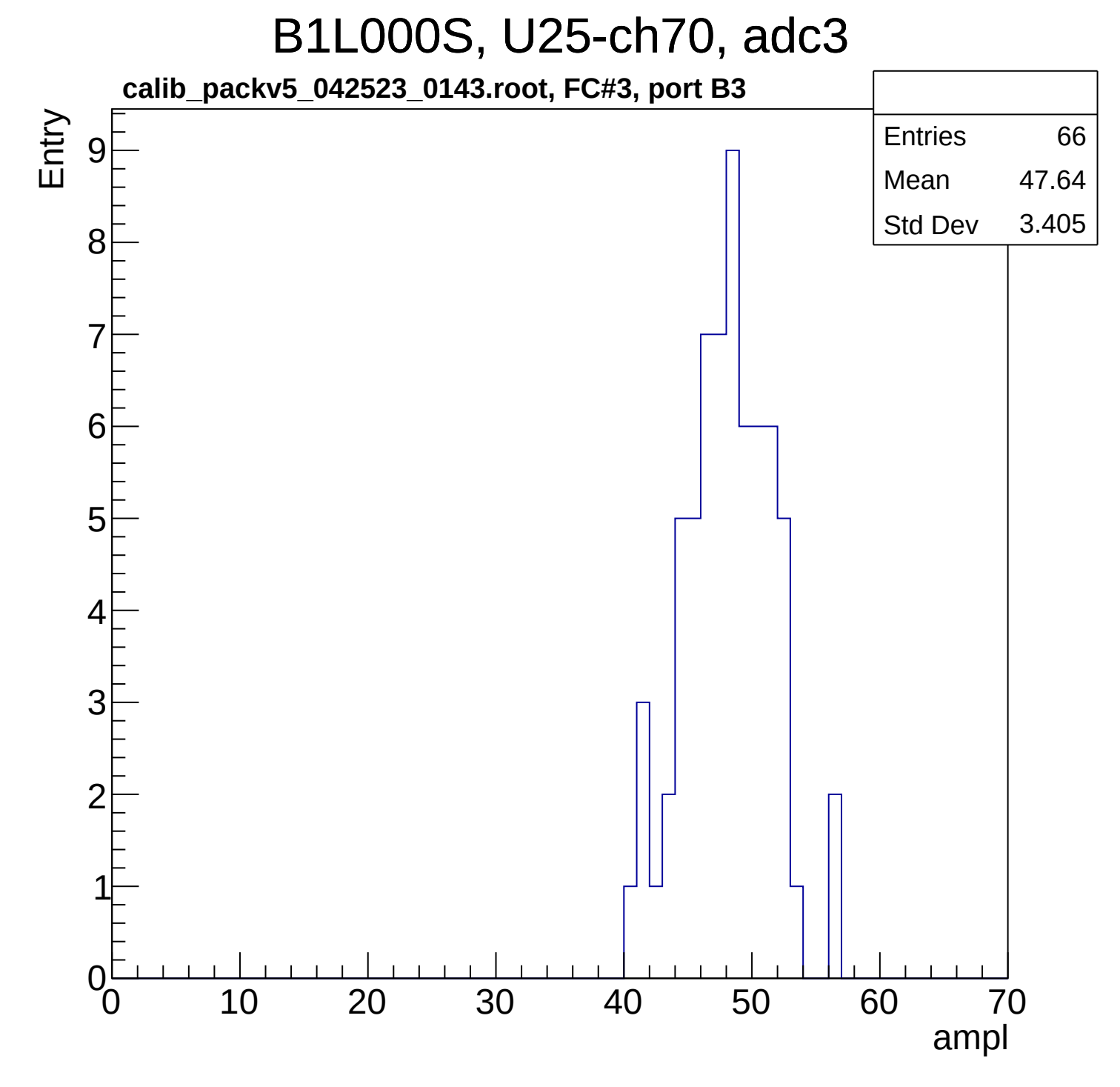
B1L000S, U25-ch70, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 47.64
Std Dev 3.405
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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60
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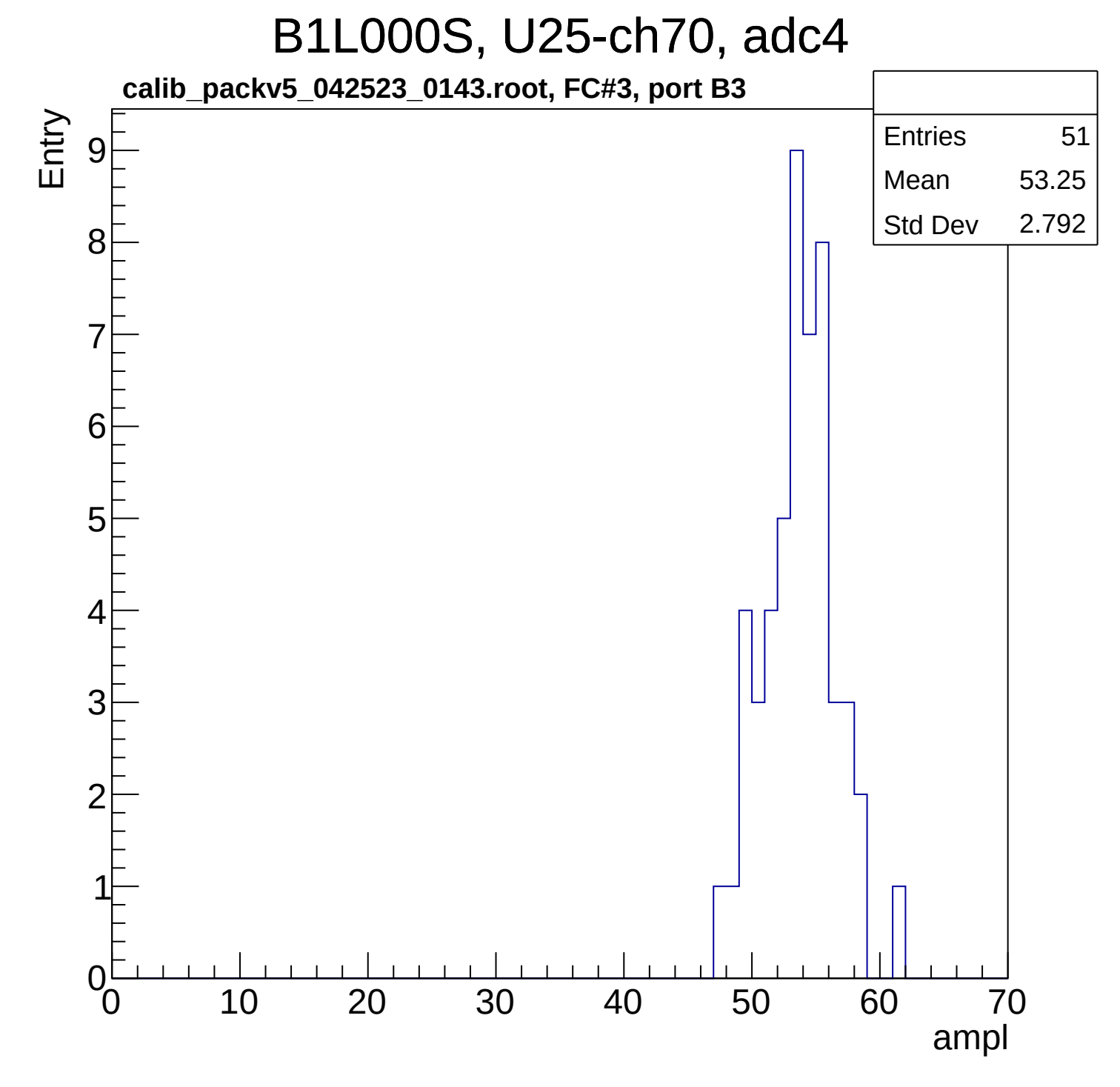
B1L000S, U25-ch70, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 53.25
Std Dev 2.792
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
50
60
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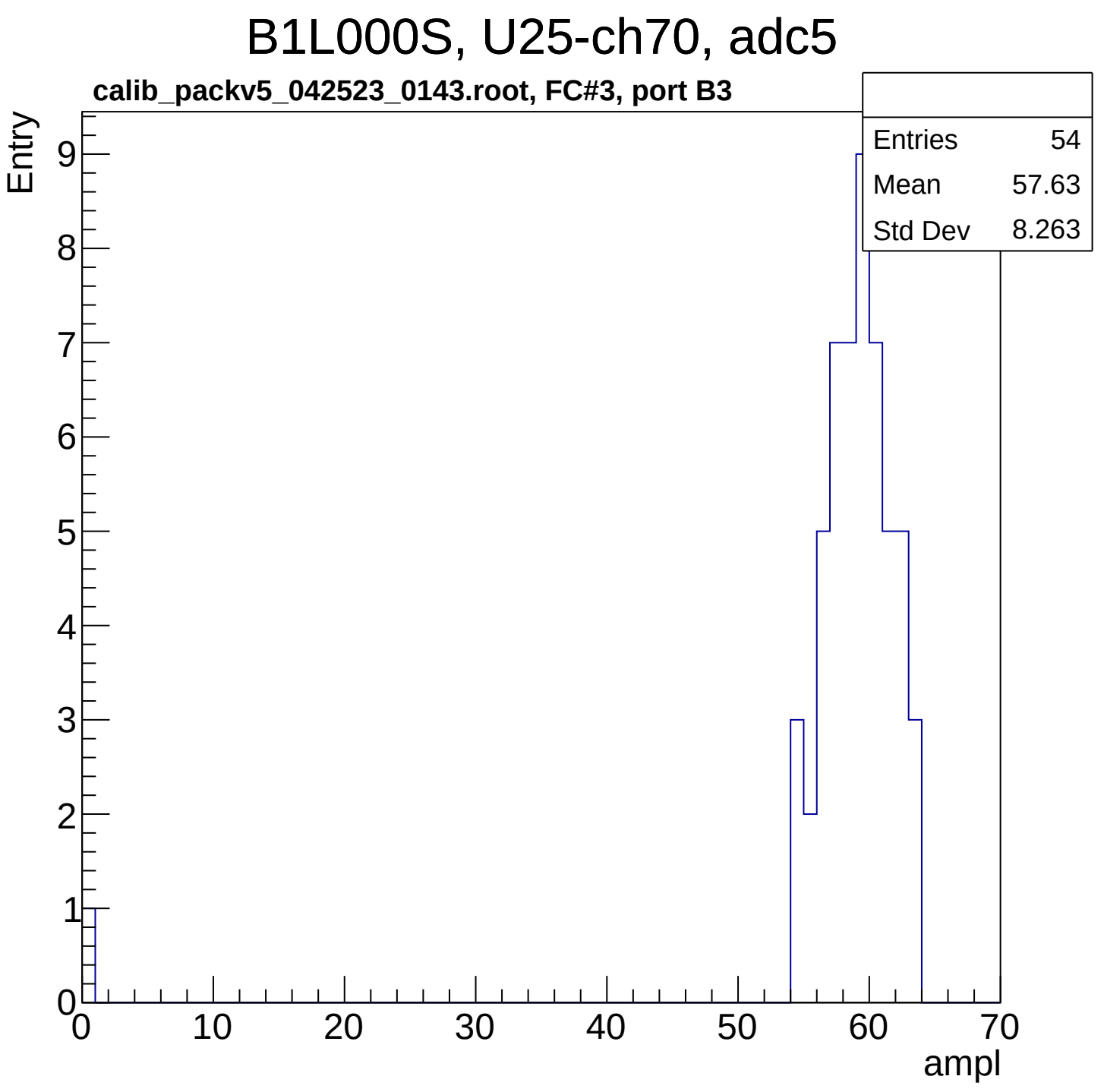
B1L000S, U25-ch70, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 57.63
Std Dev 8.263
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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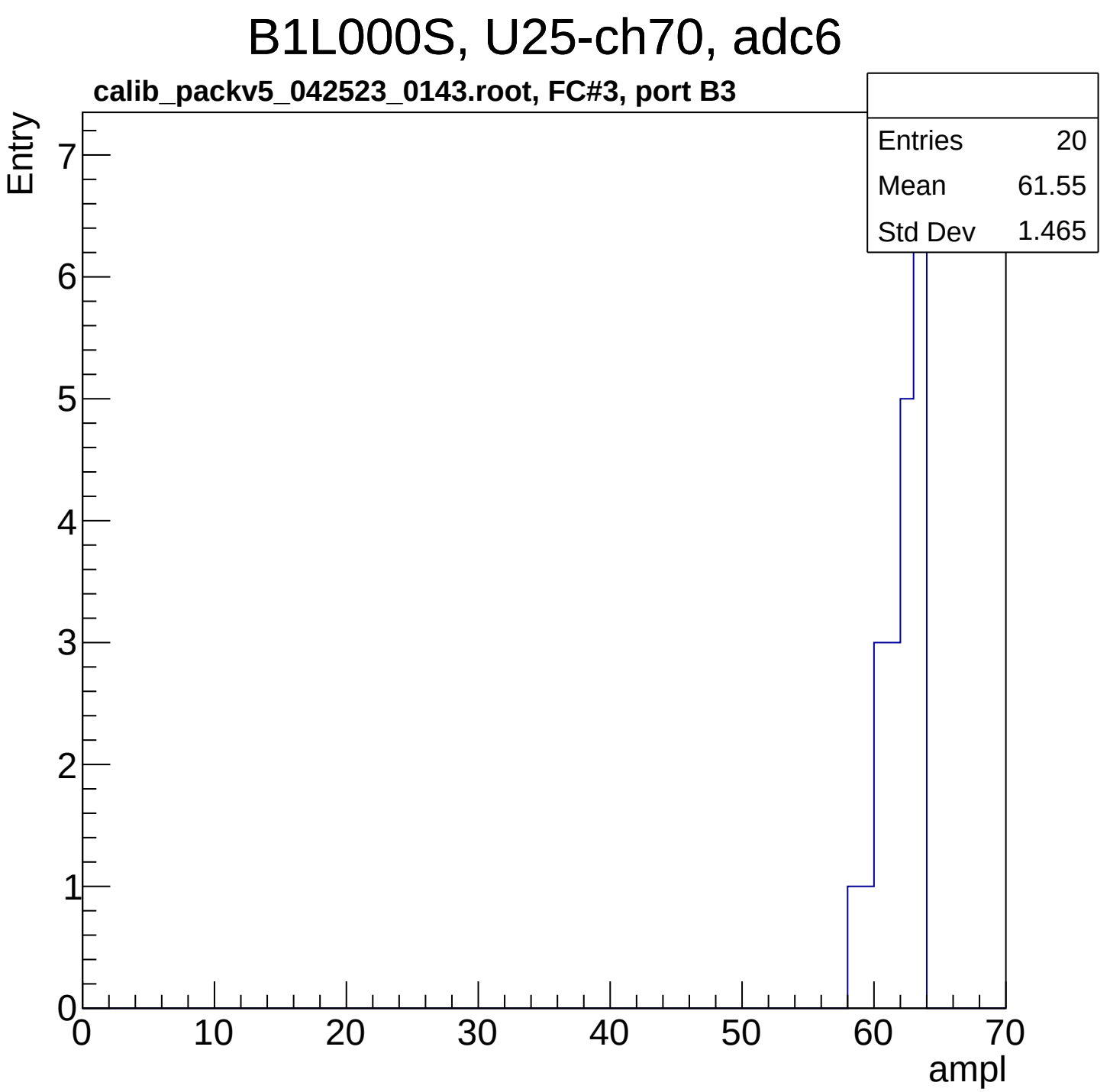
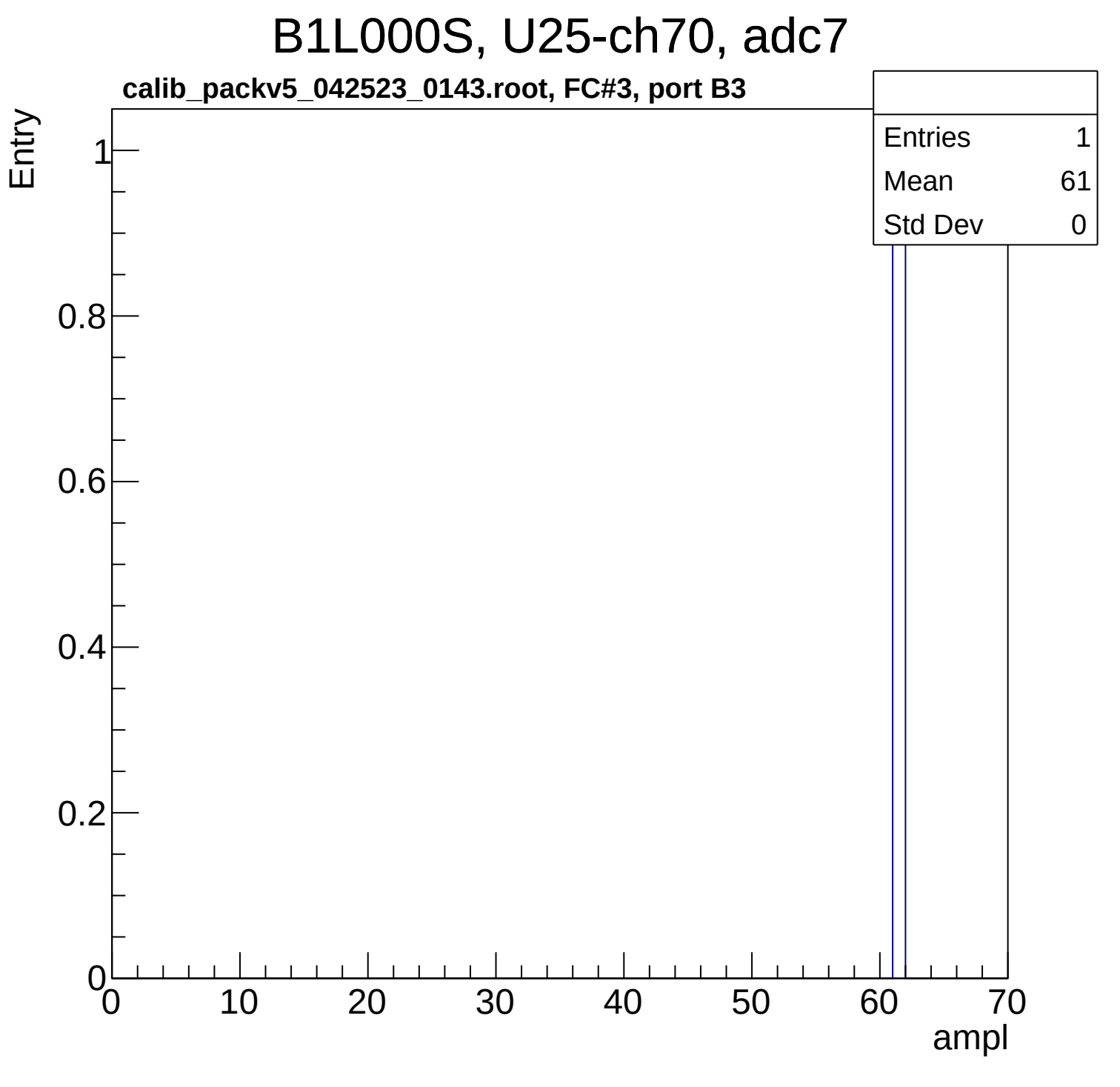

B1L000S, U25-ch70, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 20
Mean 61.55
Std Dev 1.465
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch70, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 61
Std Dev 0
Entry
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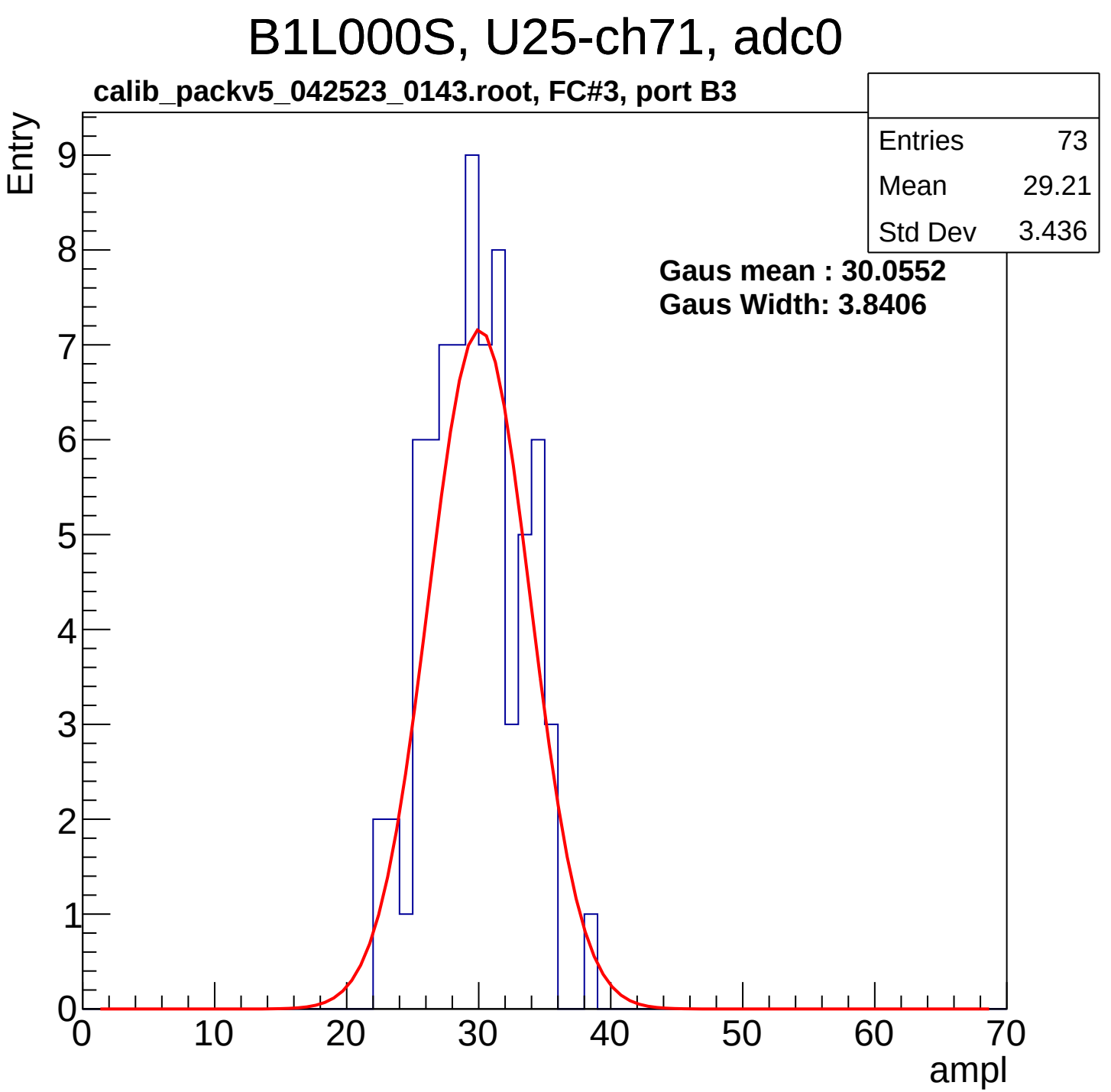
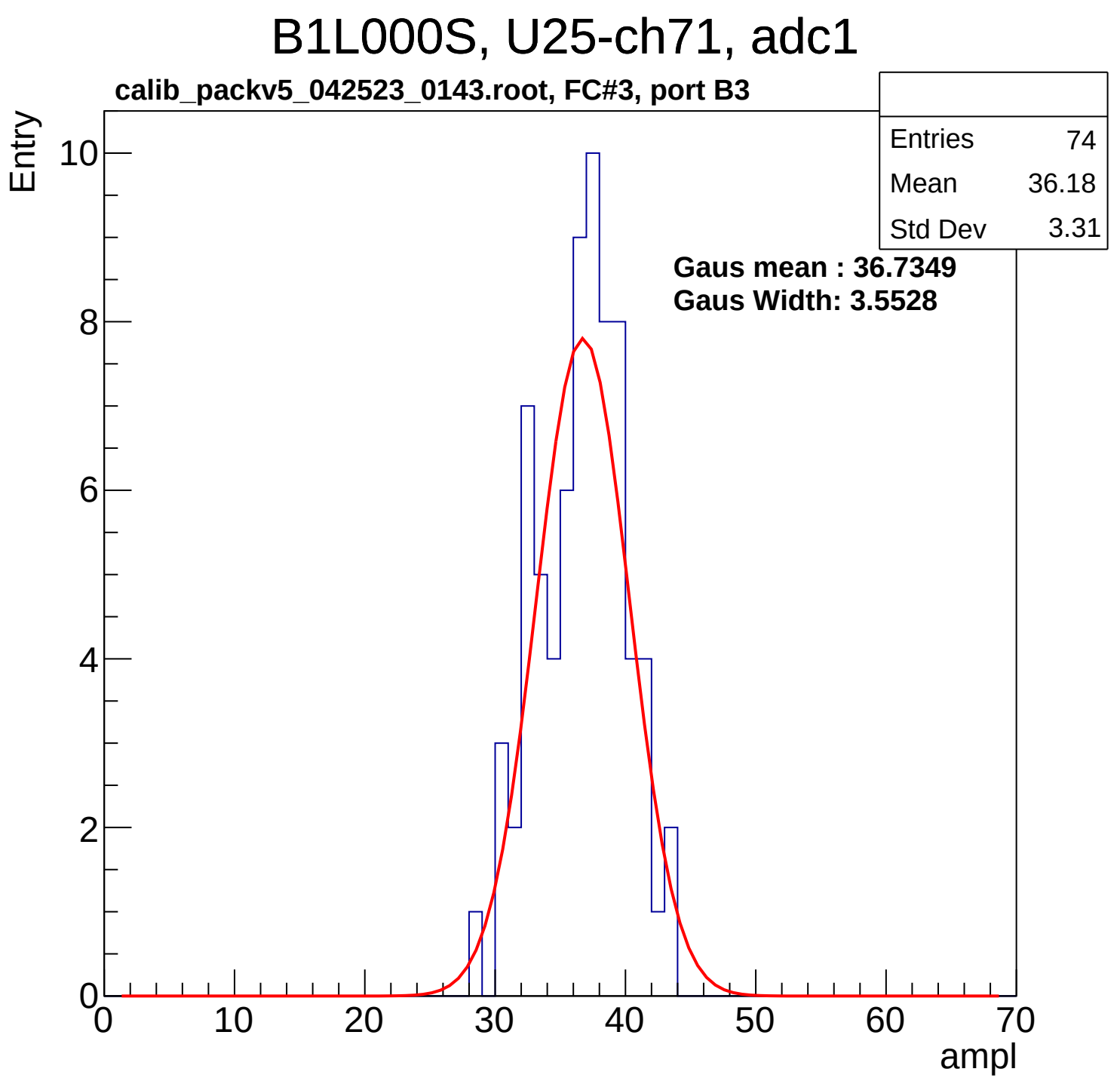
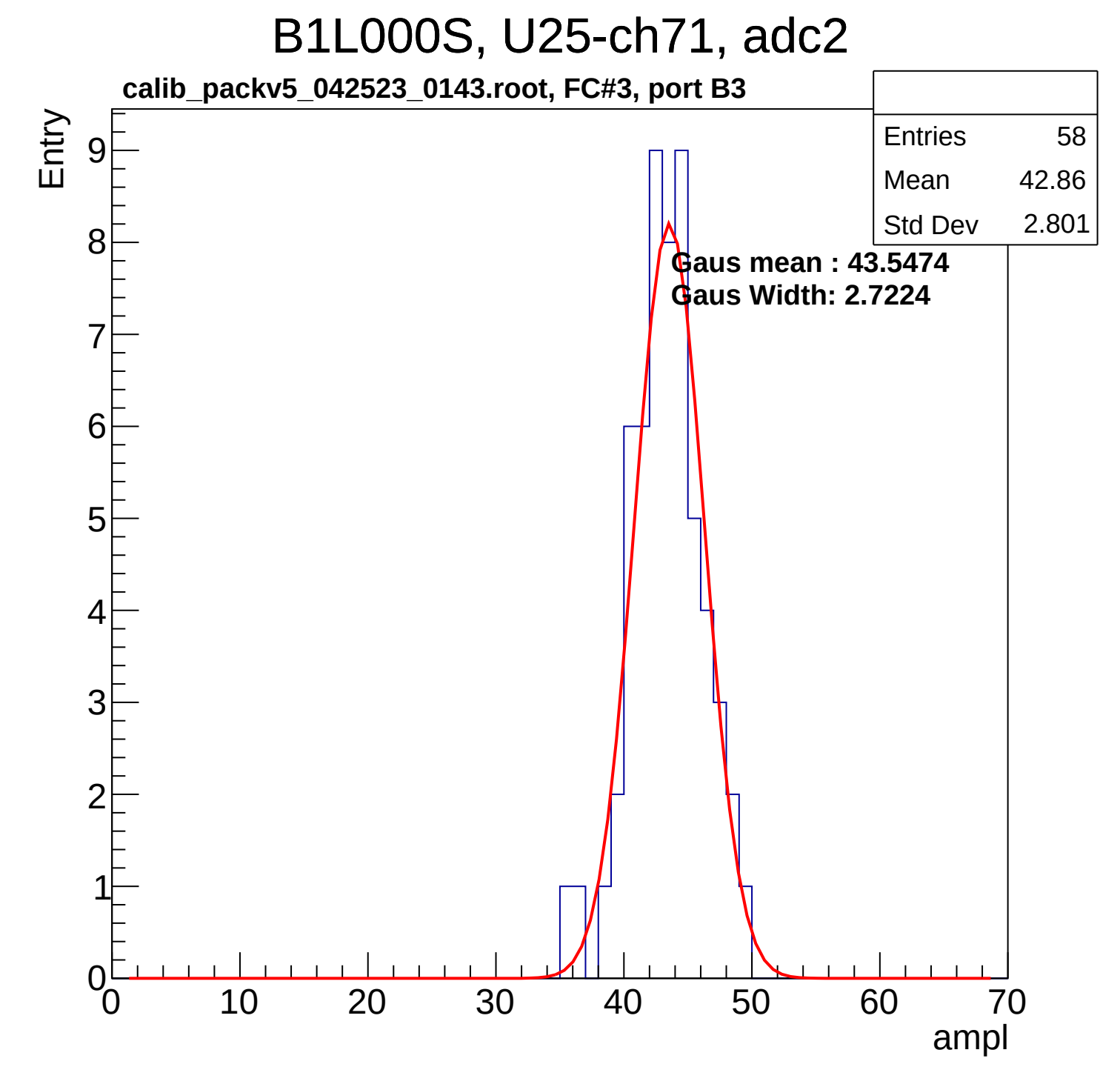
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch71, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 29.21
Std Dev 3.436
Gaus mean : 30.0552
Gaus Width: 3.8406
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch71, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 36.18
Std Dev 3.31
Gaus mean : 36.7349
Gaus Width: 3.5528
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch71, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 42.86
Std Dev 2.801
Gaus mean : 43.5474
Gaus Width: 2.7224
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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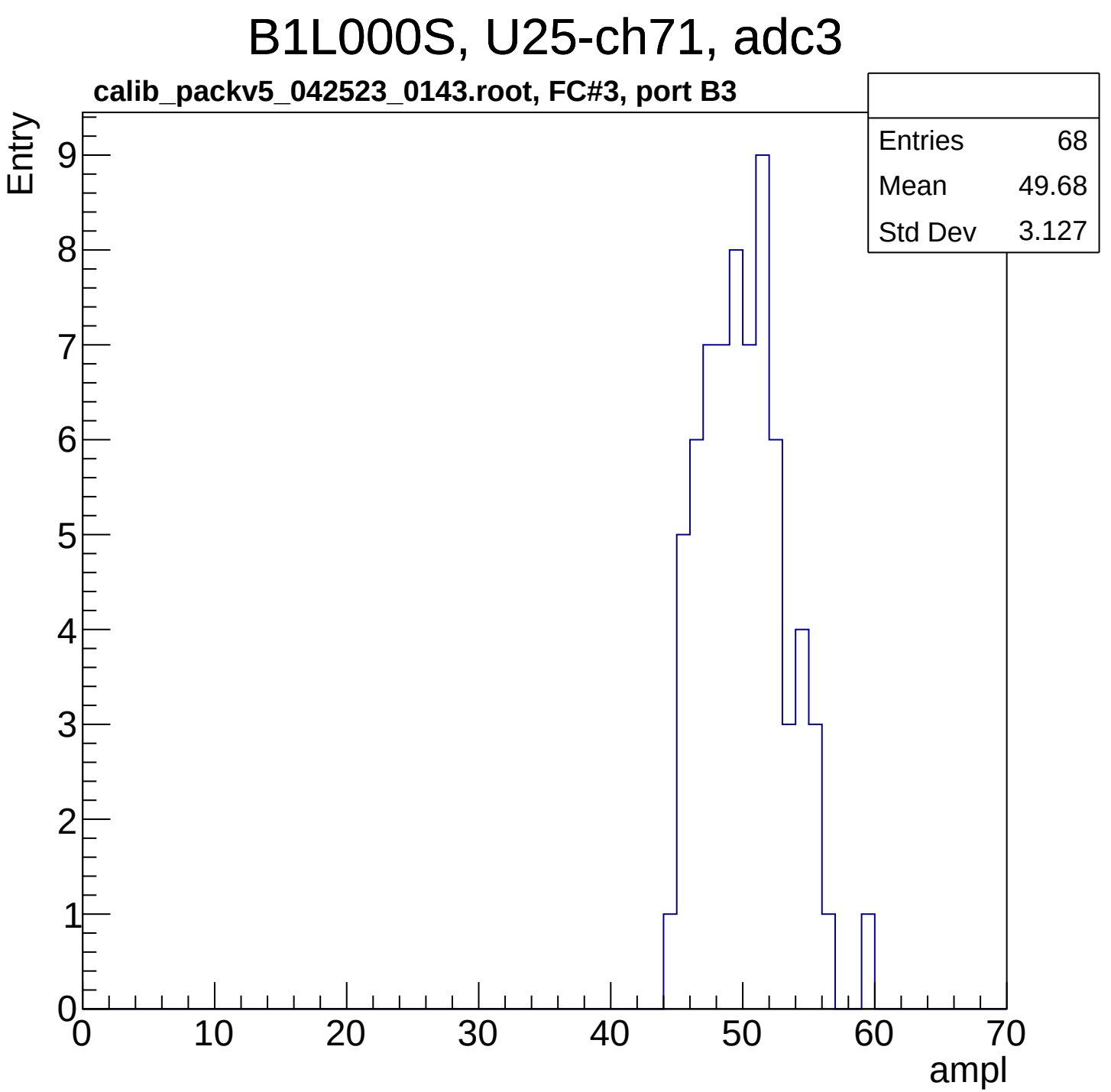
B1L000S, U25-ch71, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 49.68
Std Dev 3.127
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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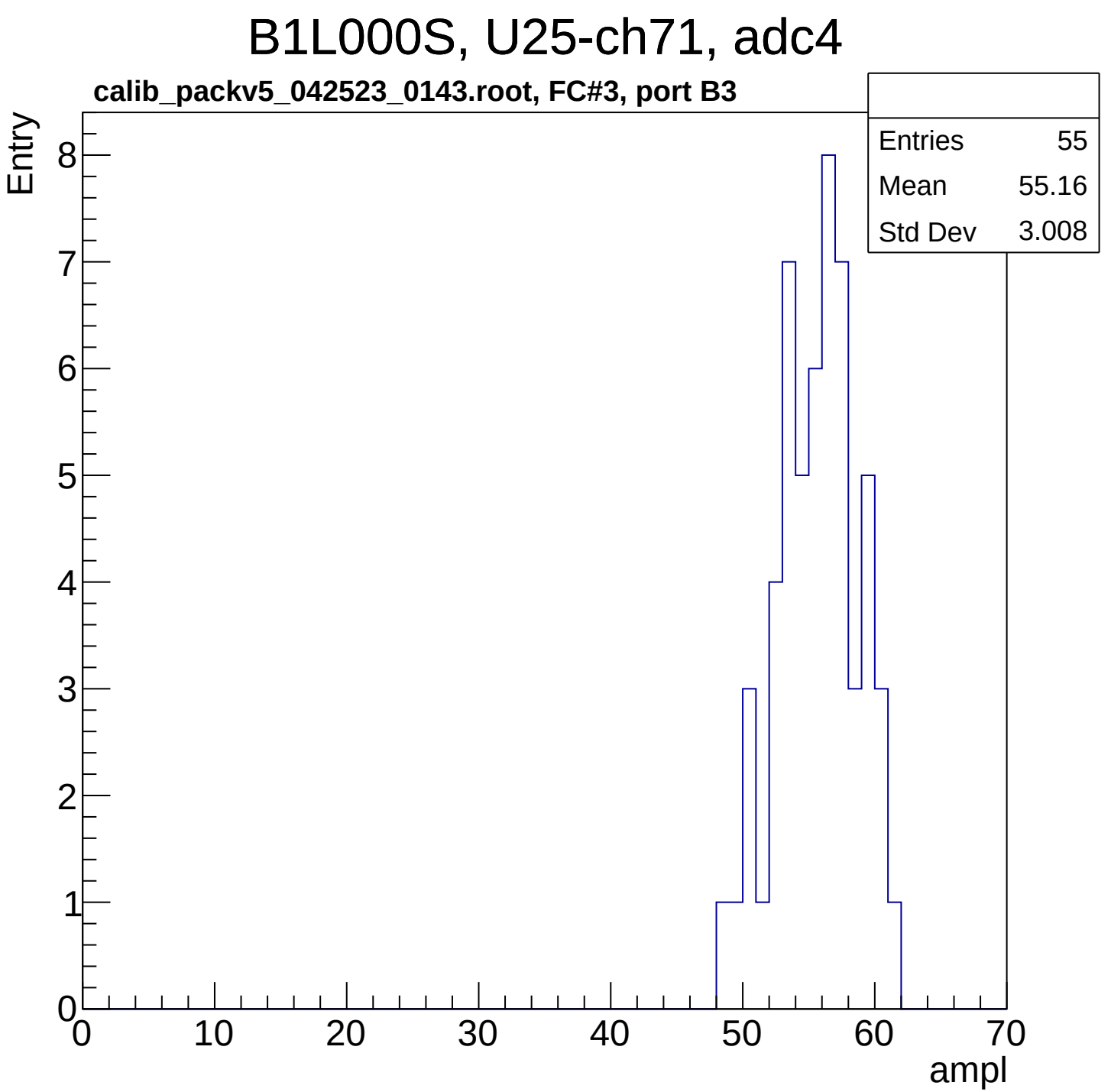
B1L000S, U25-ch71, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 55.16
Std Dev 3.008
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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60
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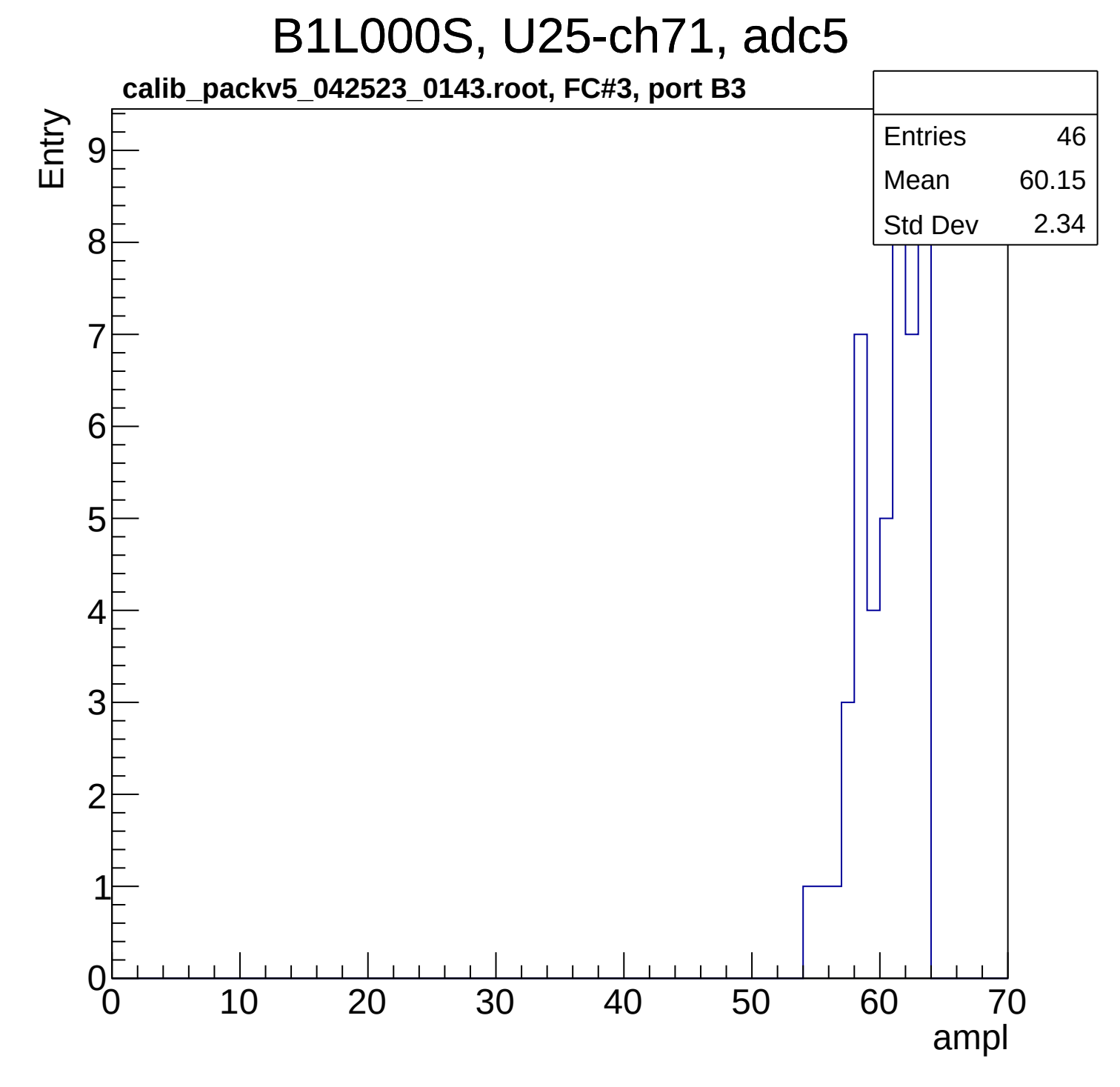
B1L000S, U25-ch71, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 60.15
Std Dev 2.34
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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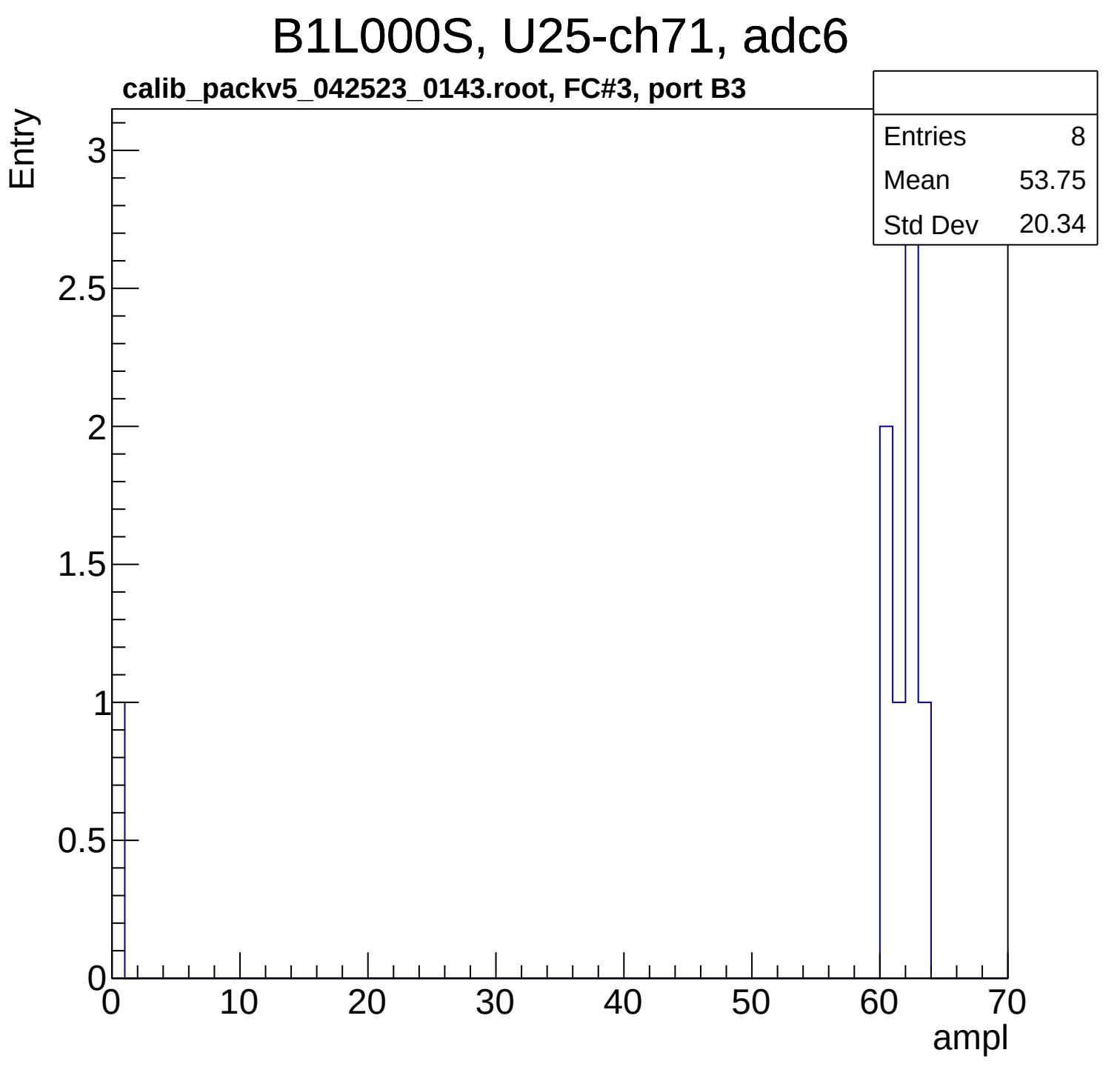
B1L000S, U25-ch71, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 53.75
Std Dev 20.34
Entry
ampl
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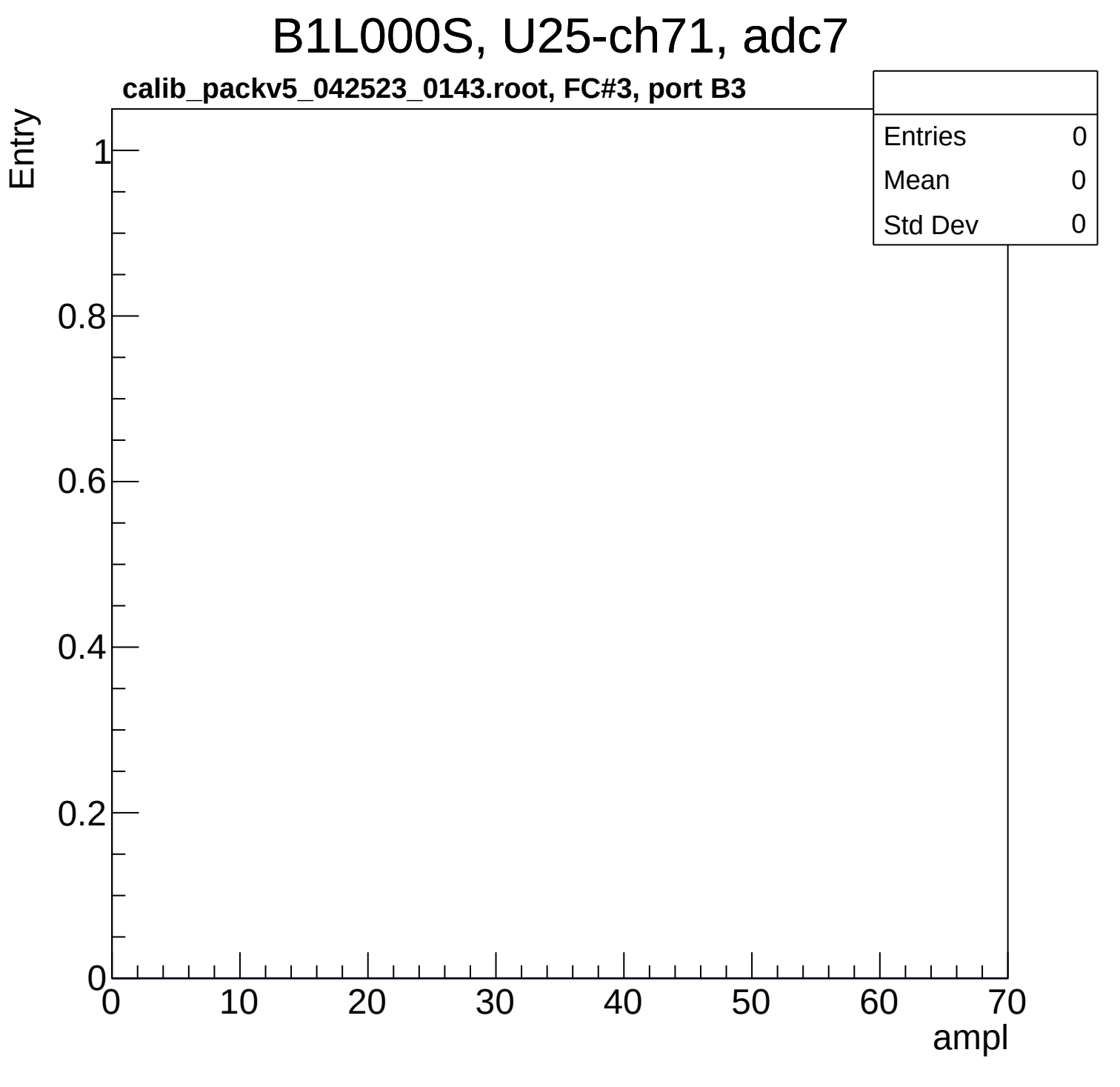
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U25-ch71, 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
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10
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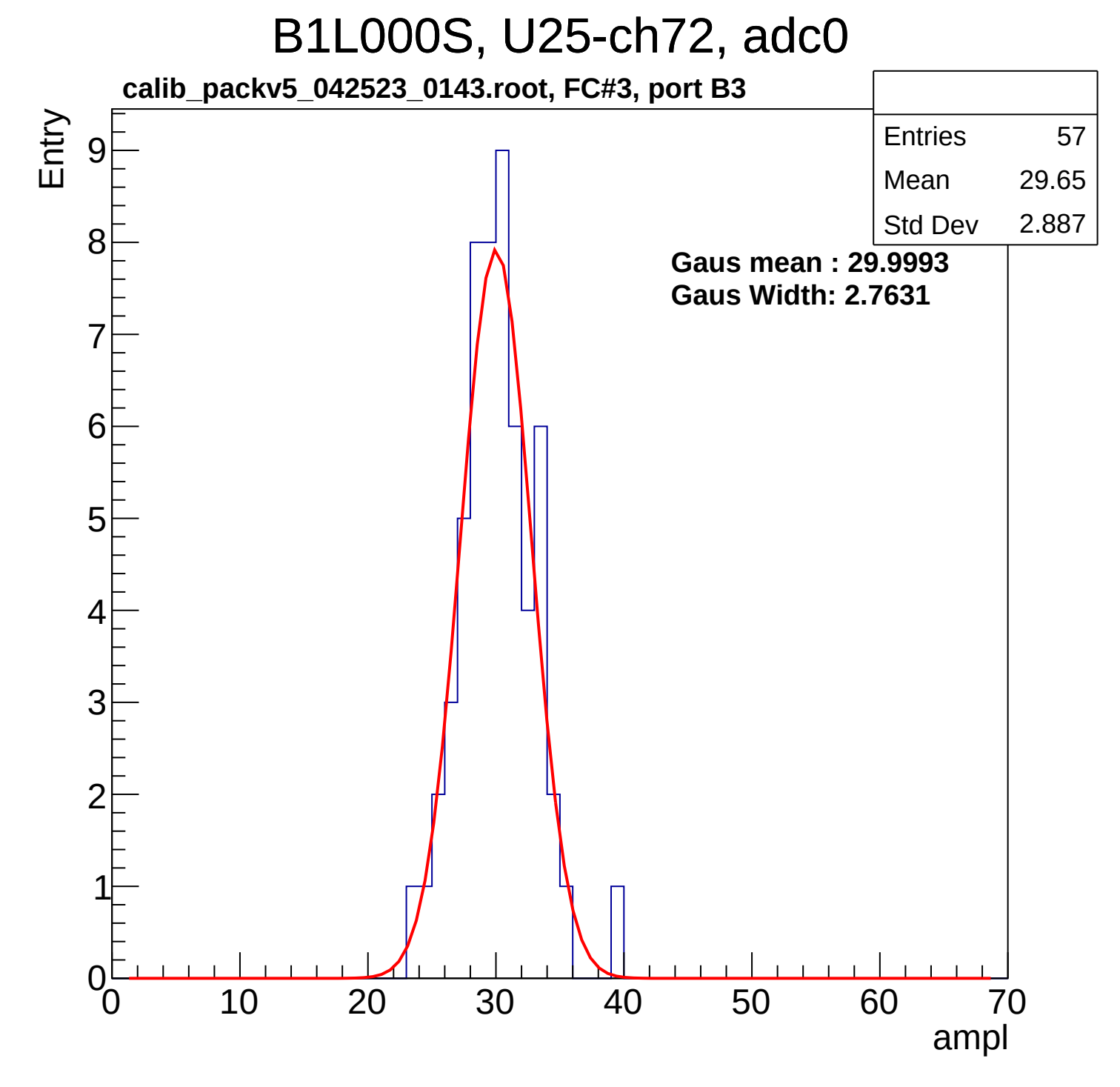
50
60
70
ampl


B1L000S, U25-ch72, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 29.65
Std Dev 2.887
Gaus mean : 29.9993
Gaus Width: 2.7631
Entry
ampl
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1
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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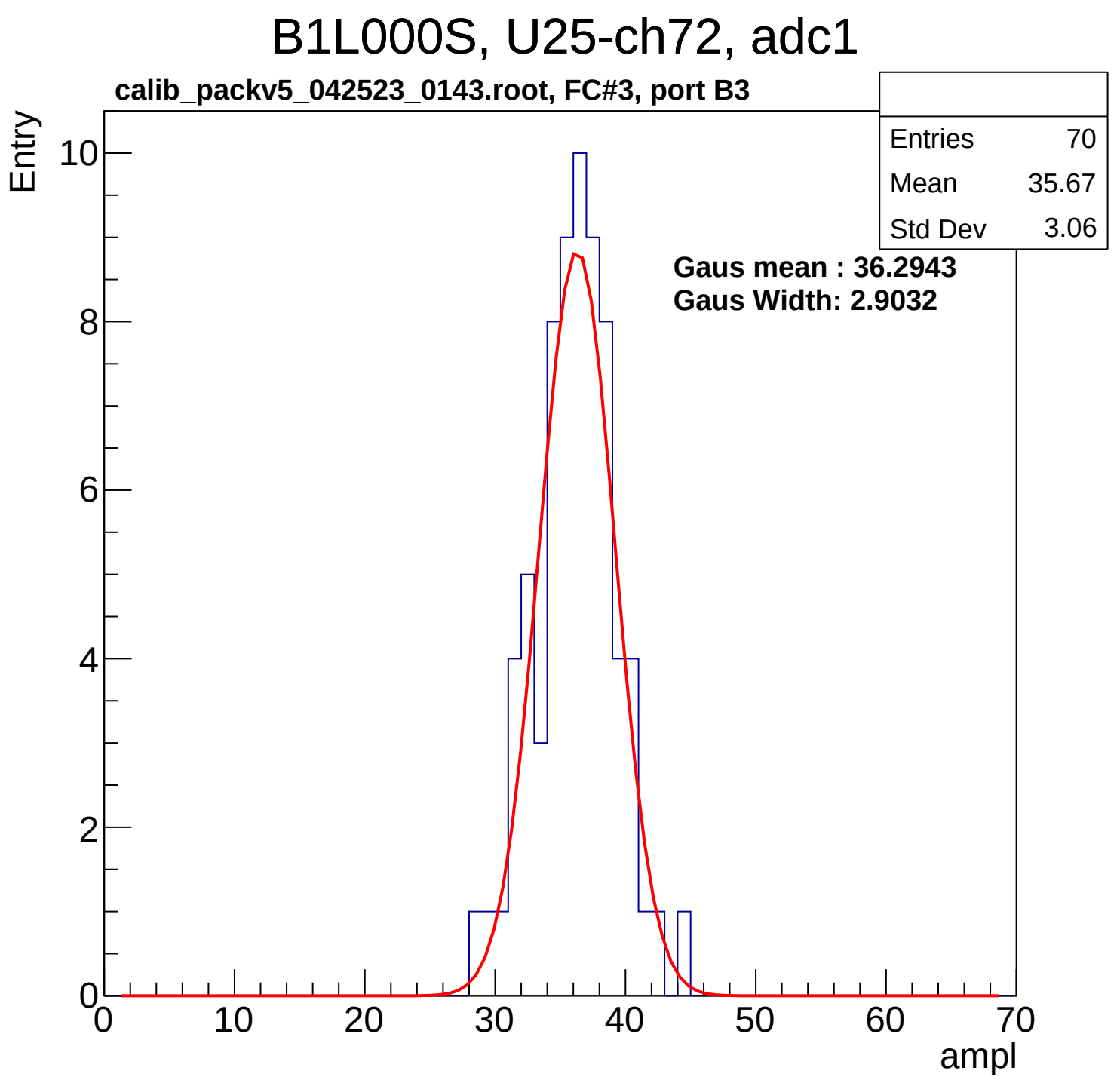
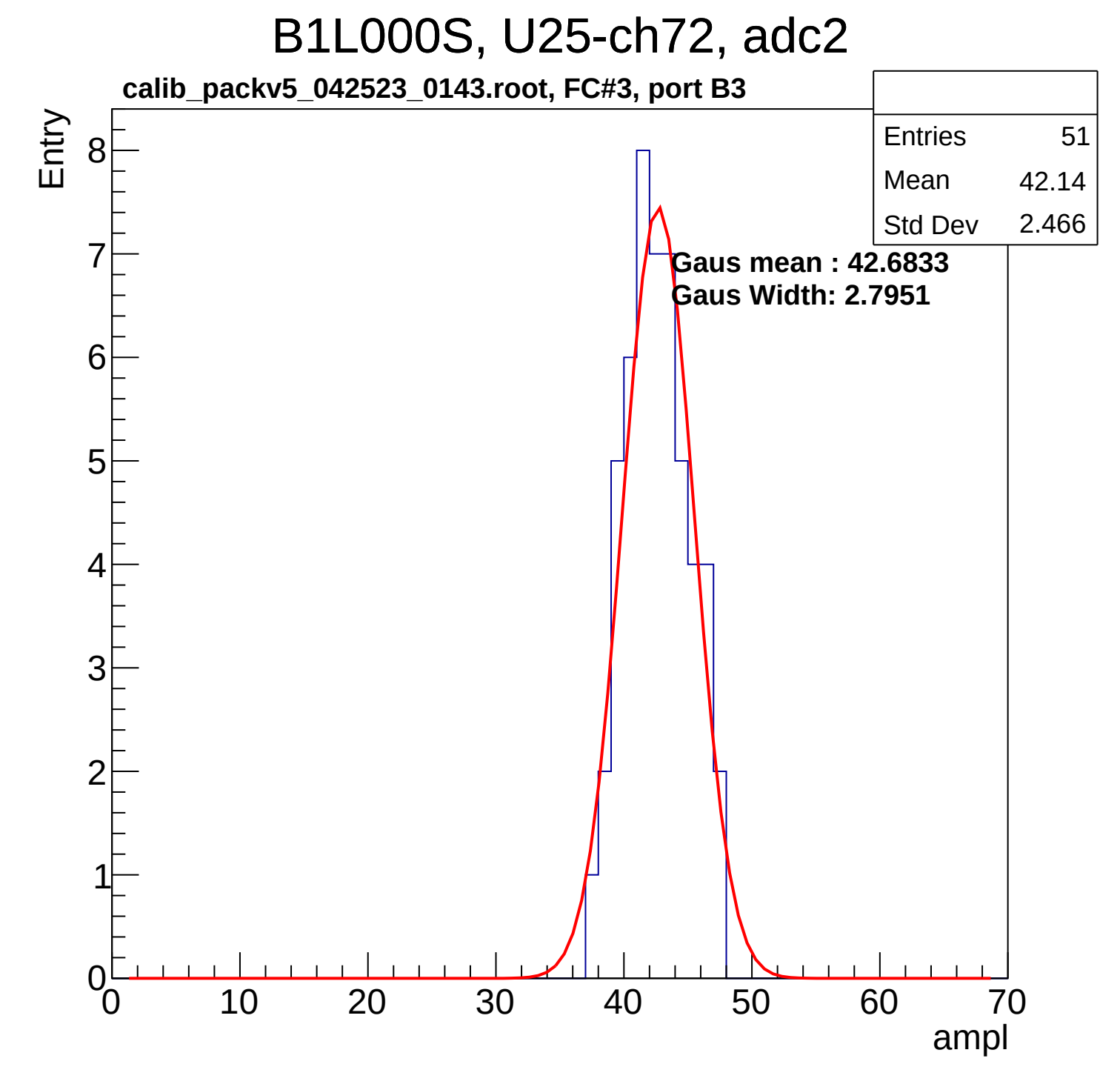

B1L000S, U25-ch72, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 35.67
Std Dev 3.06
Gaus mean : 36.2943
Gaus Width: 2.9032
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch72, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 42.14
Std Dev 2.466
Gaus mean : 42.6833
Gaus Width: 2.7951
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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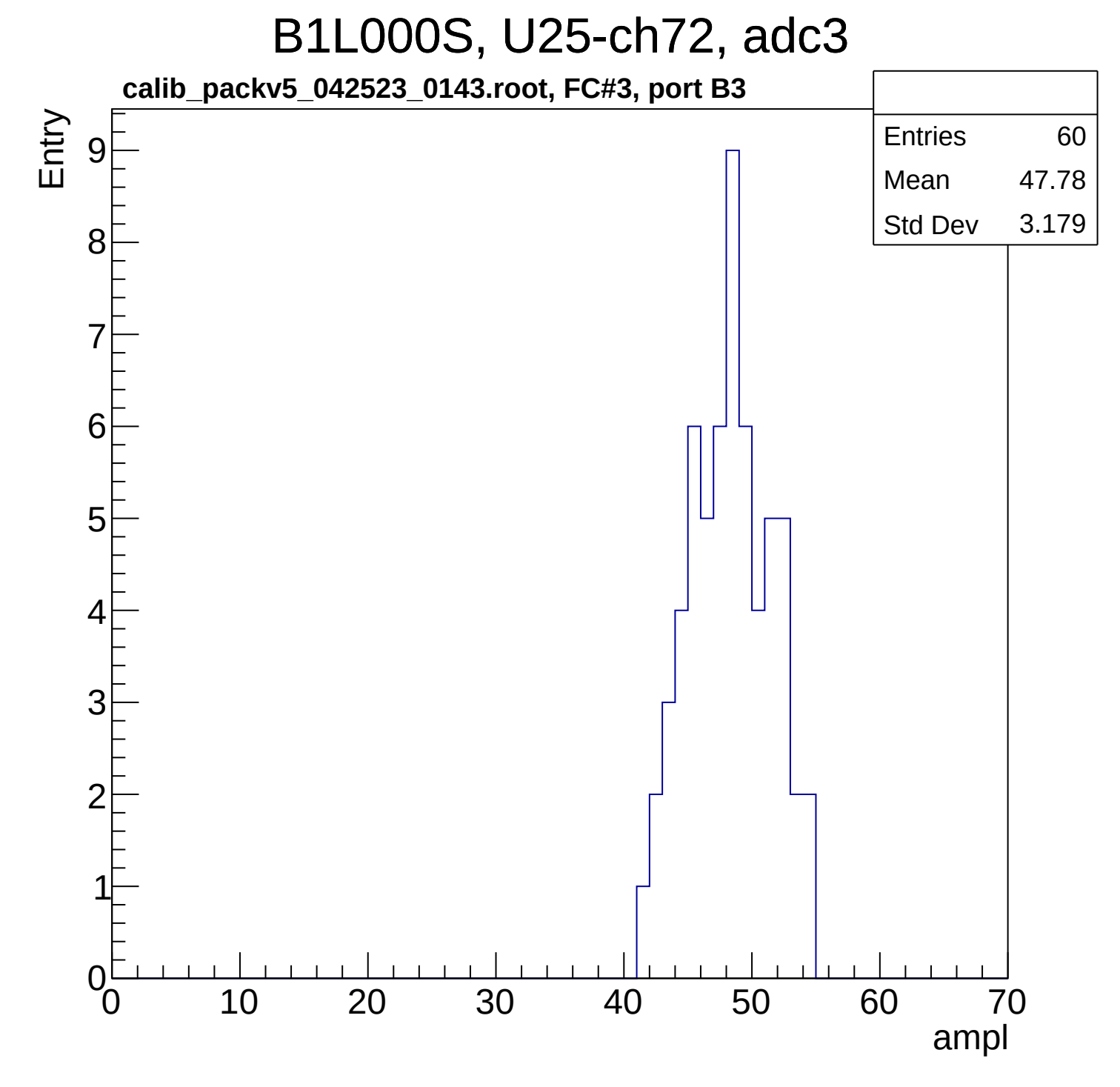
B1L000S, U25-ch72, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 47.78
Std Dev 3.179
Entry
ampl
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3
4
5
6
7
8
9
0
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40
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60
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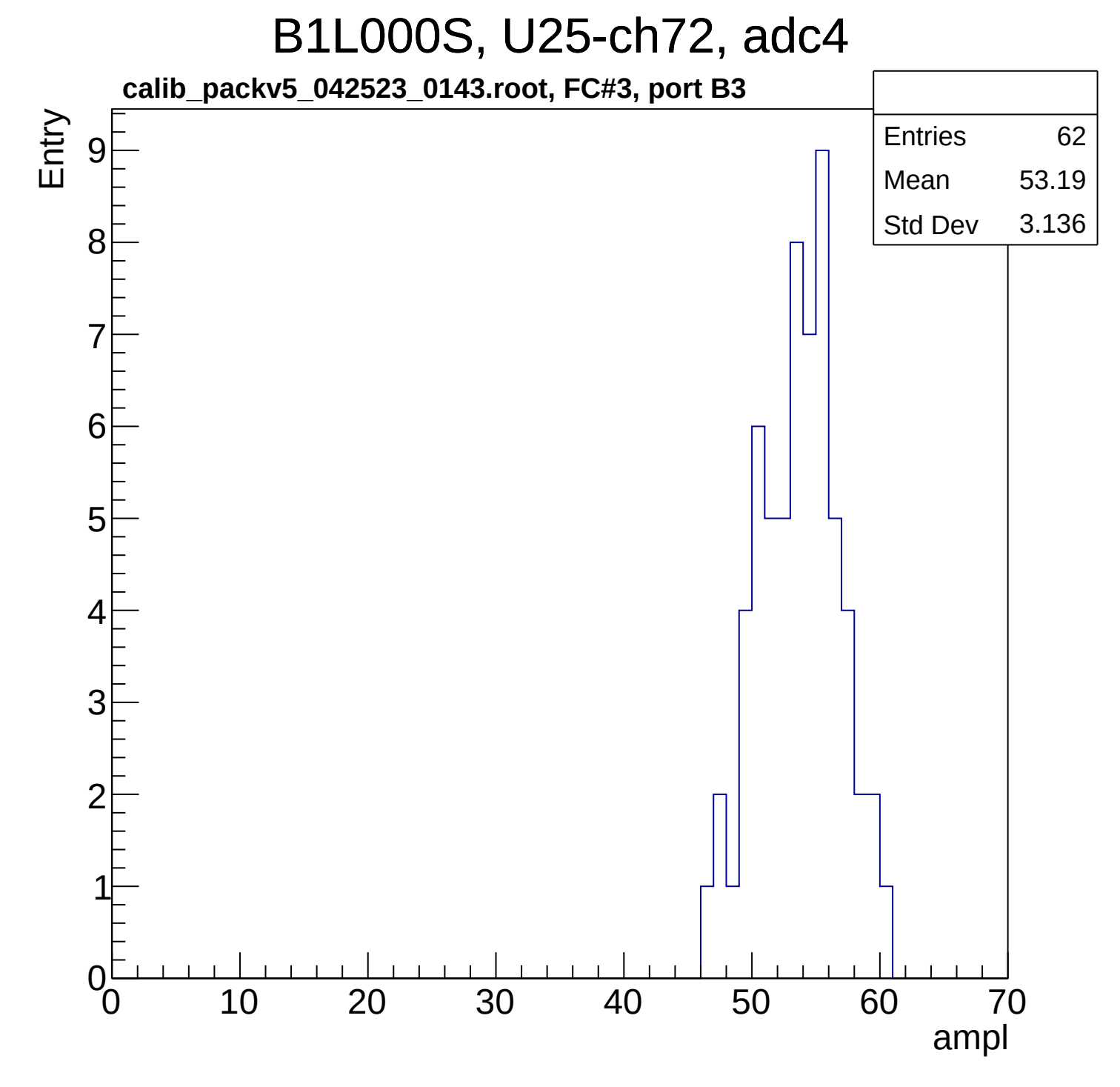
B1L000S, U25-ch72, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 53.19
Std Dev 3.136
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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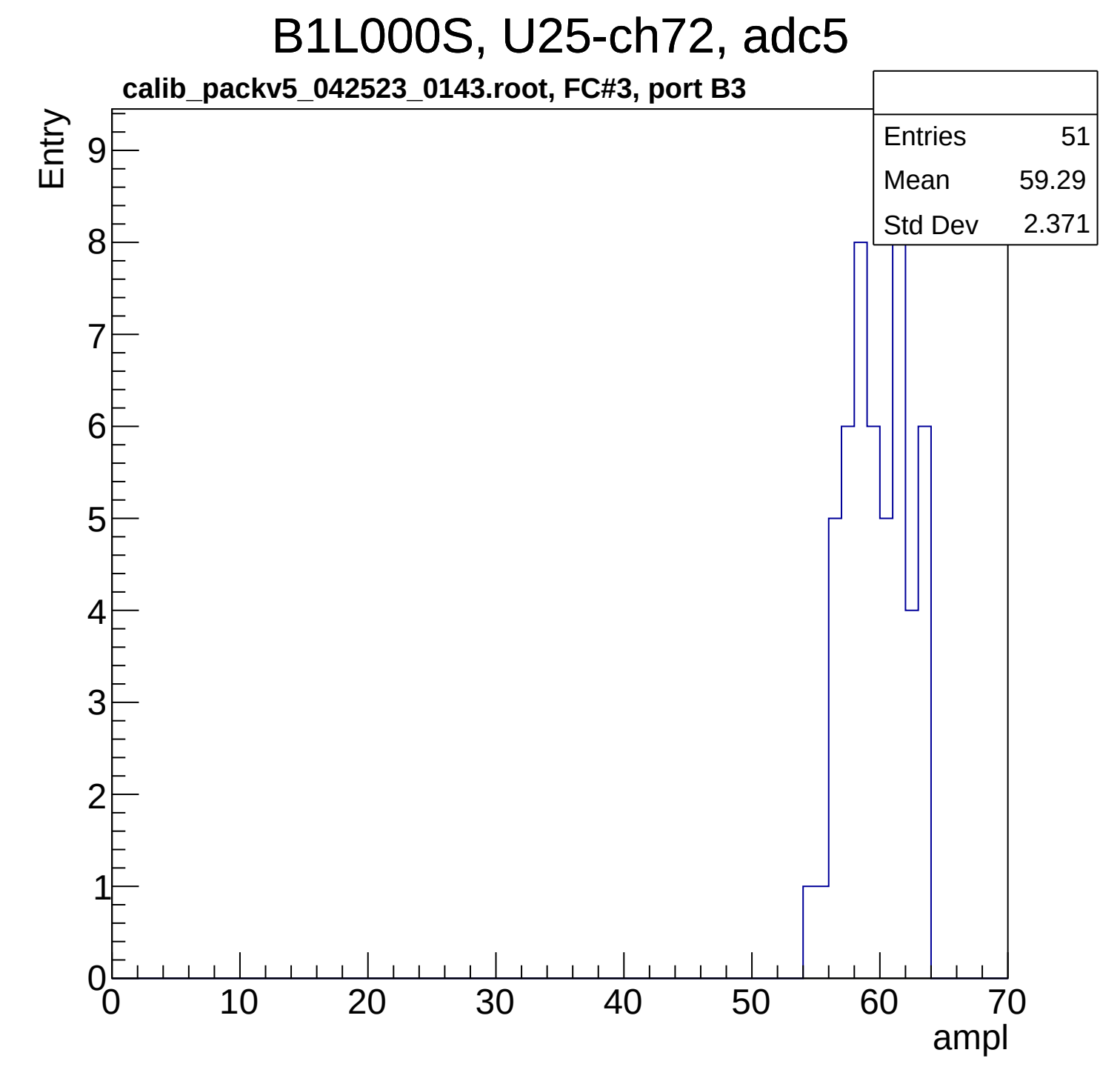
B1L000S, U25-ch72, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 59.29
Std Dev 2.371
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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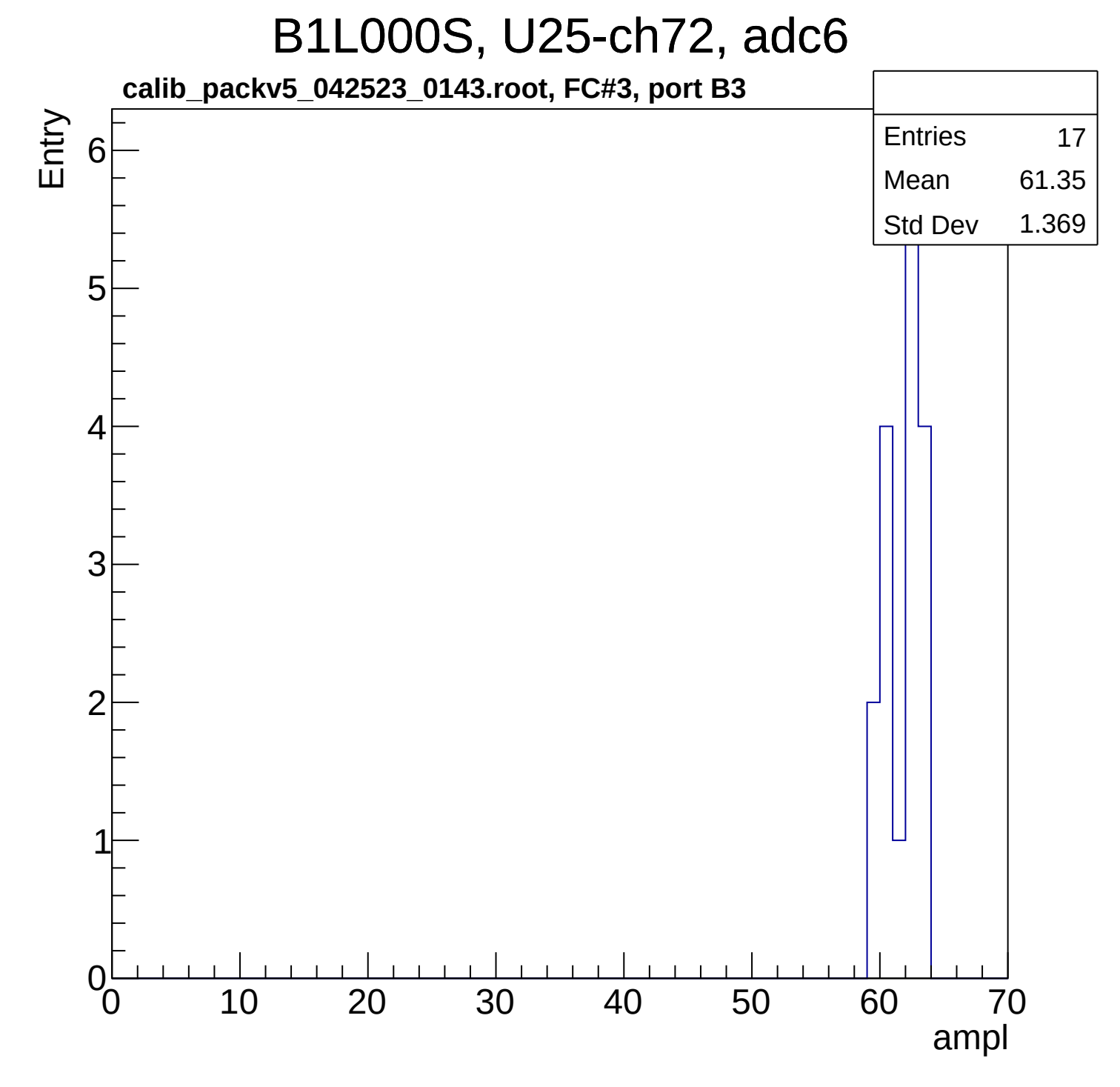
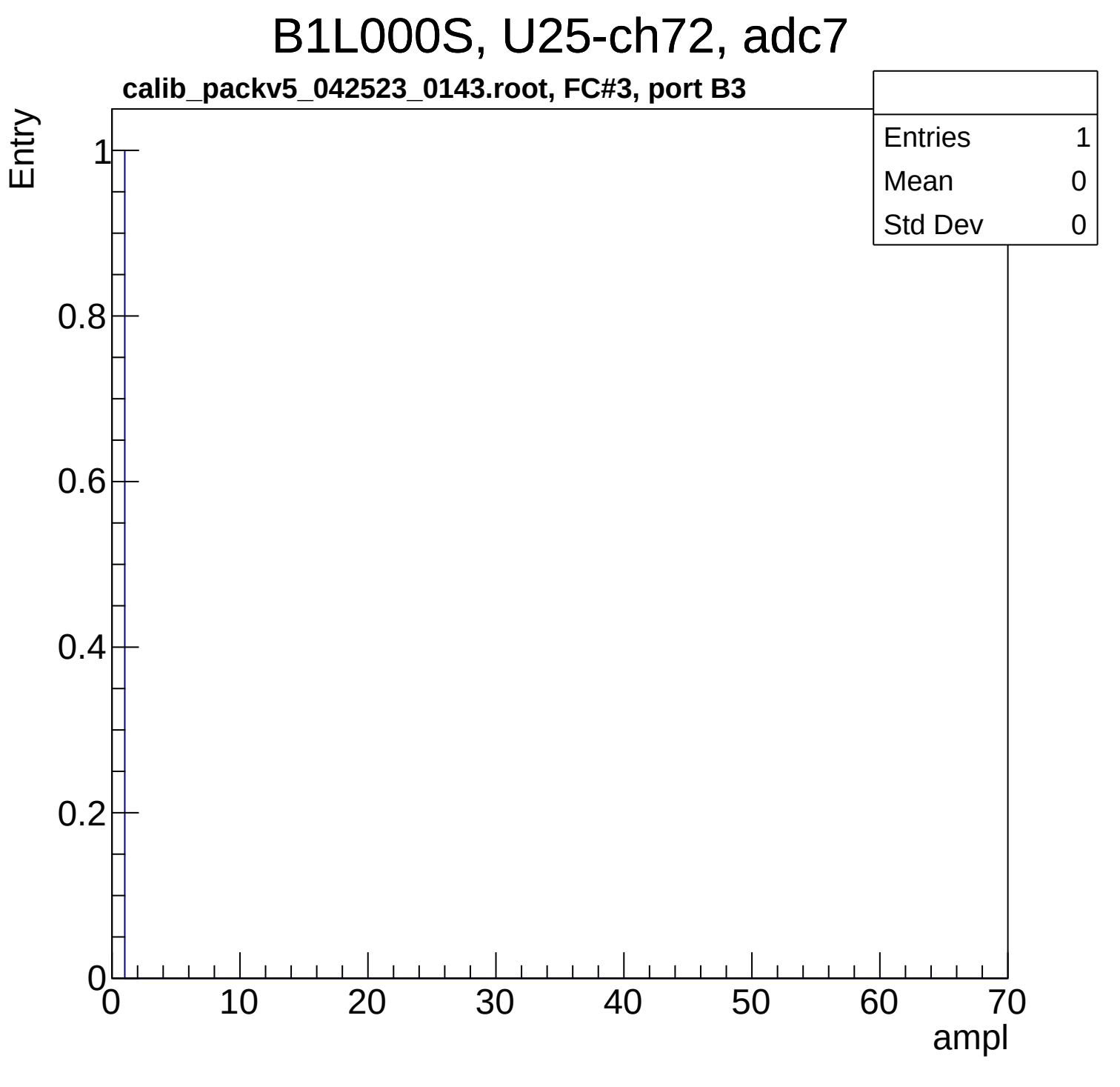

B1L000S, U25-ch72, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 61.35
Std Dev 1.369
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch72, 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
0
0
10
20
30
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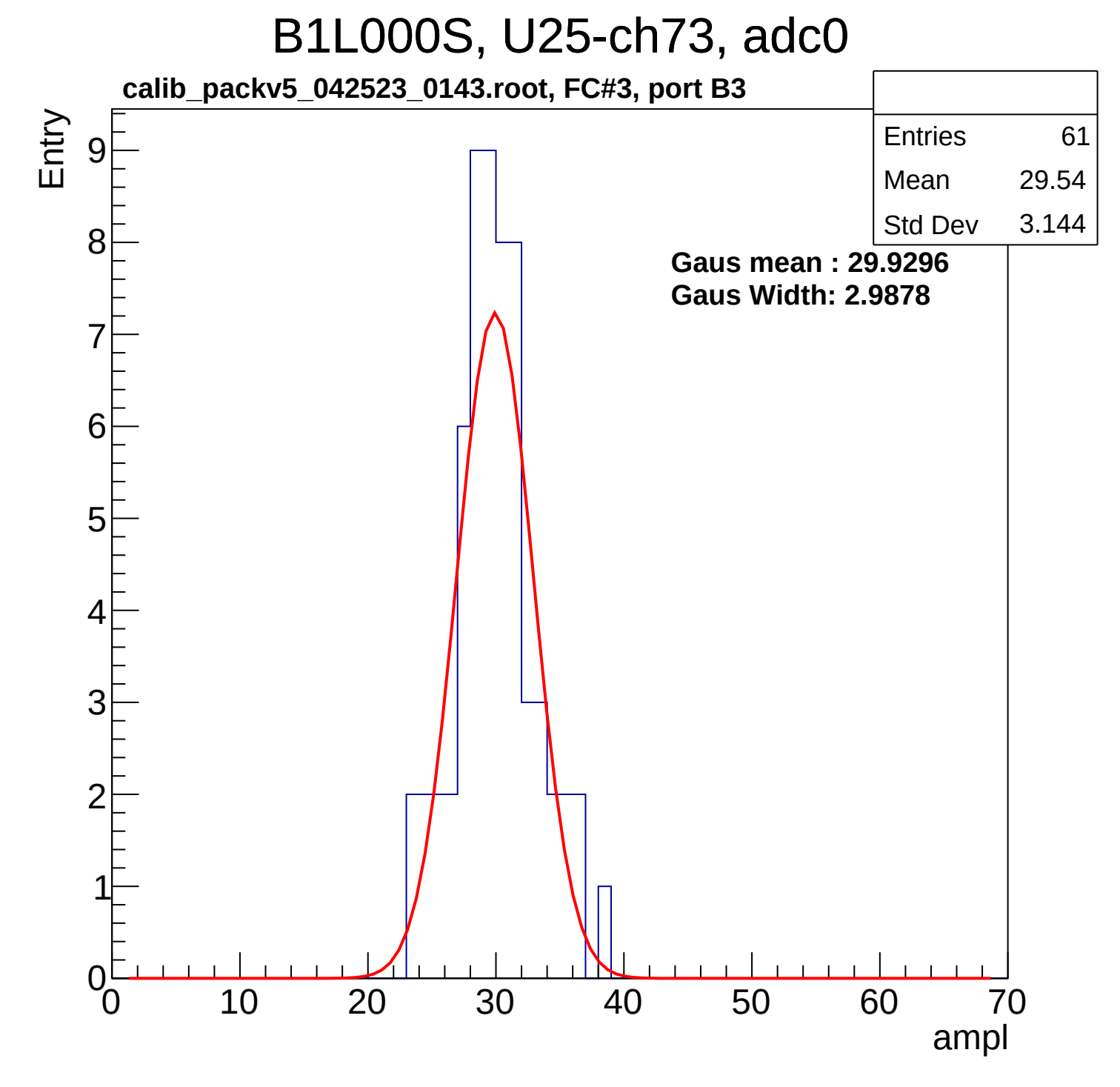
50
60
70
ampl


B1L000S, U25-ch73, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 29.54
Std Dev 3.144
Gaus mean : 29.9296
Gaus Width: 2.9878
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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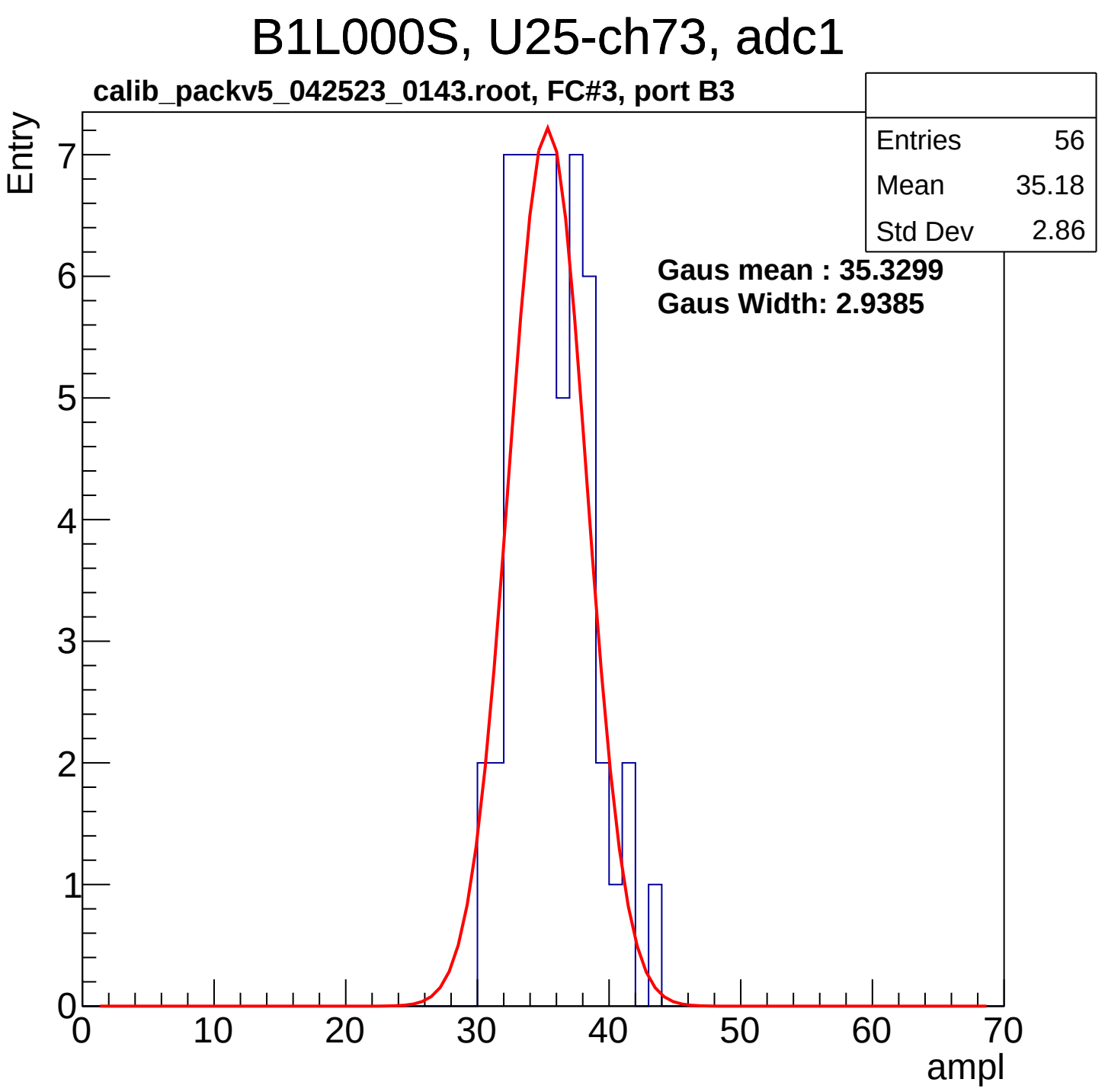
B1L000S, U25-ch73, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 35.18
Std Dev 2.86
Gaus mean : 35.3299
Gaus Width: 2.9385
Entry
ampl
0
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2
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4
5
6
7
0
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60
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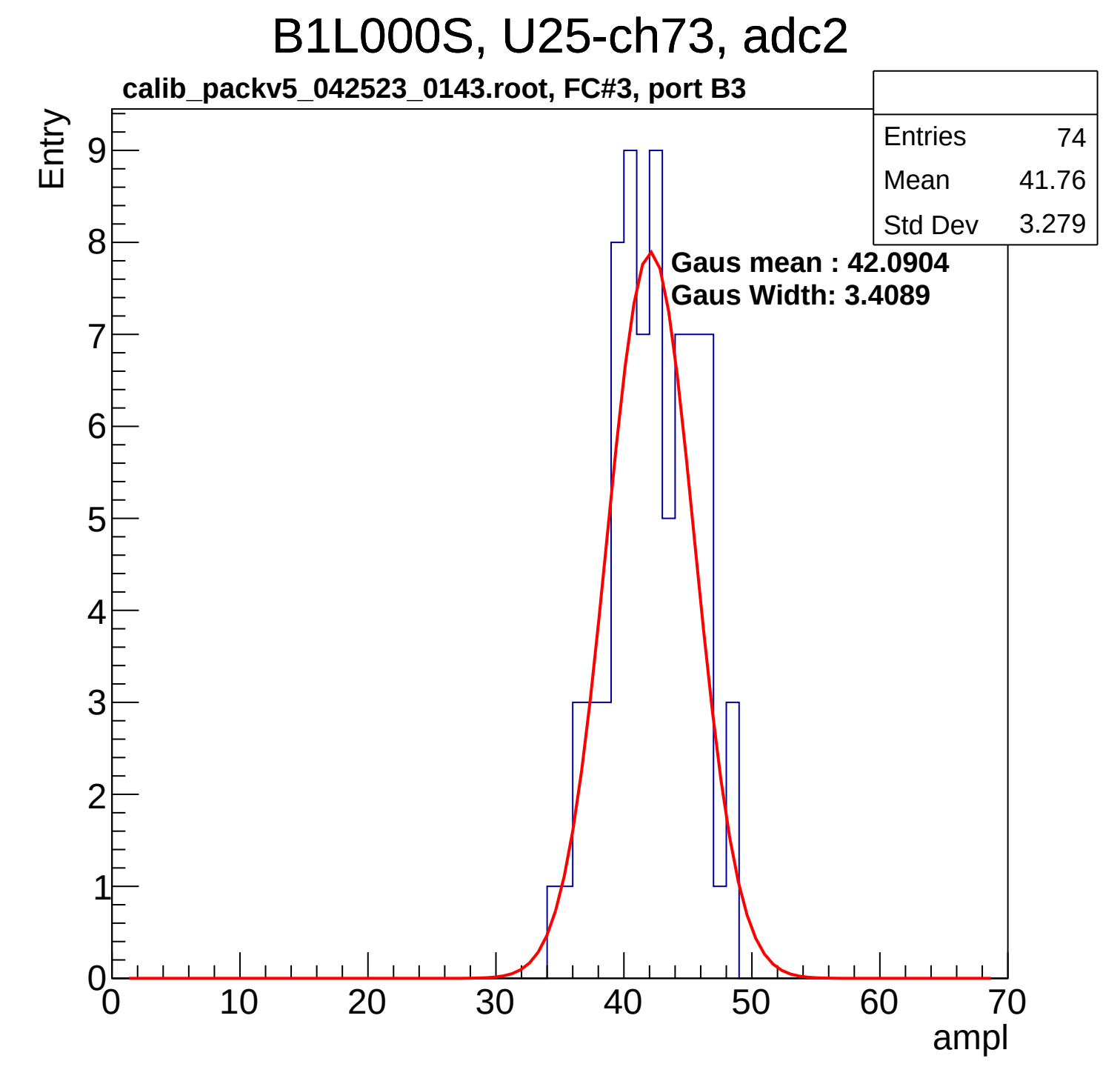
B1L000S, U25-ch73, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 41.76
Std Dev 3.279
Gaus mean : 42.0904
Gaus Width: 3.4089
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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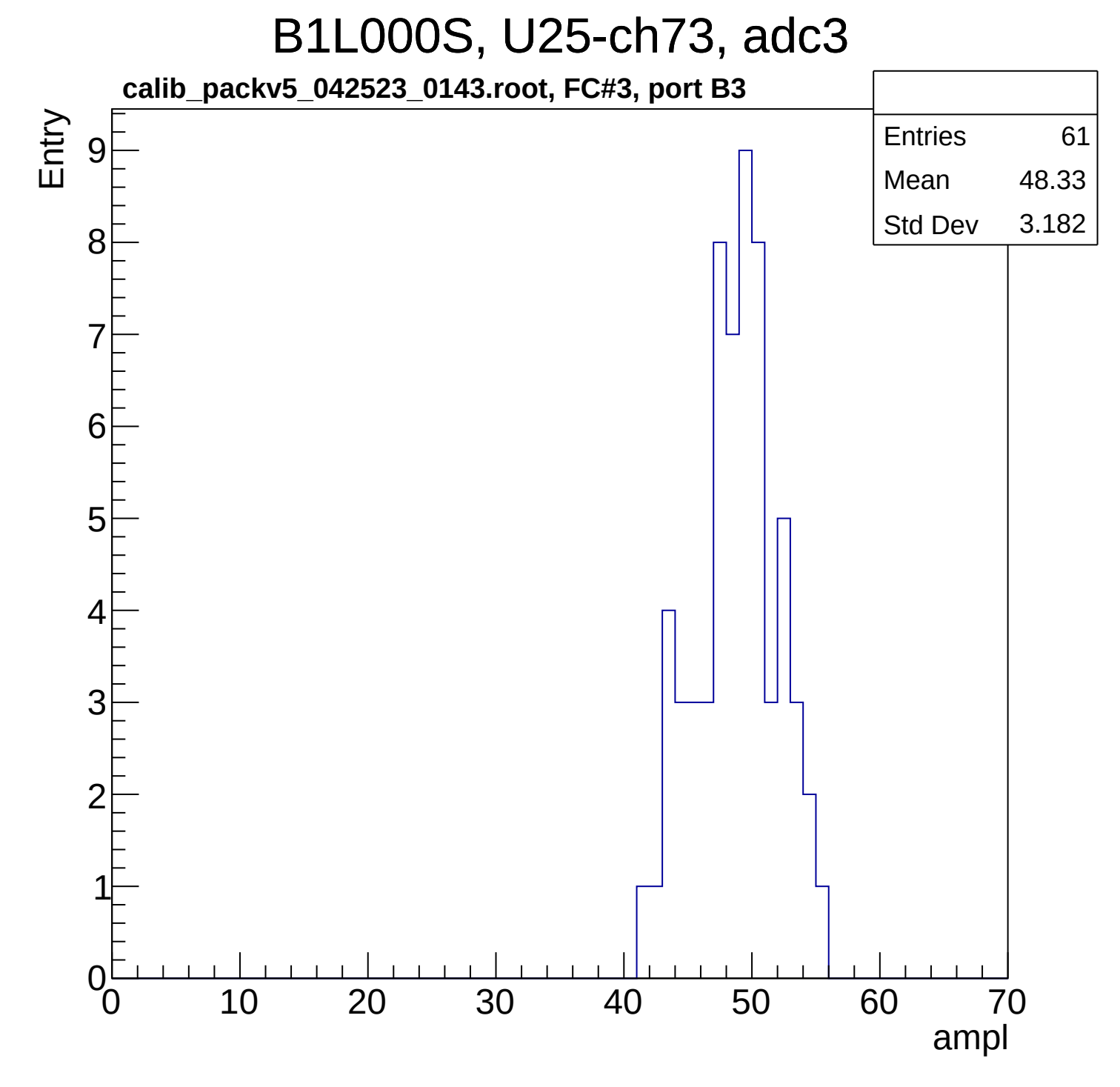
B1L000S, U25-ch73, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 48.33
Std Dev 3.182
Entry
ampl
0
1
2
3
4
5
6
7
8
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0
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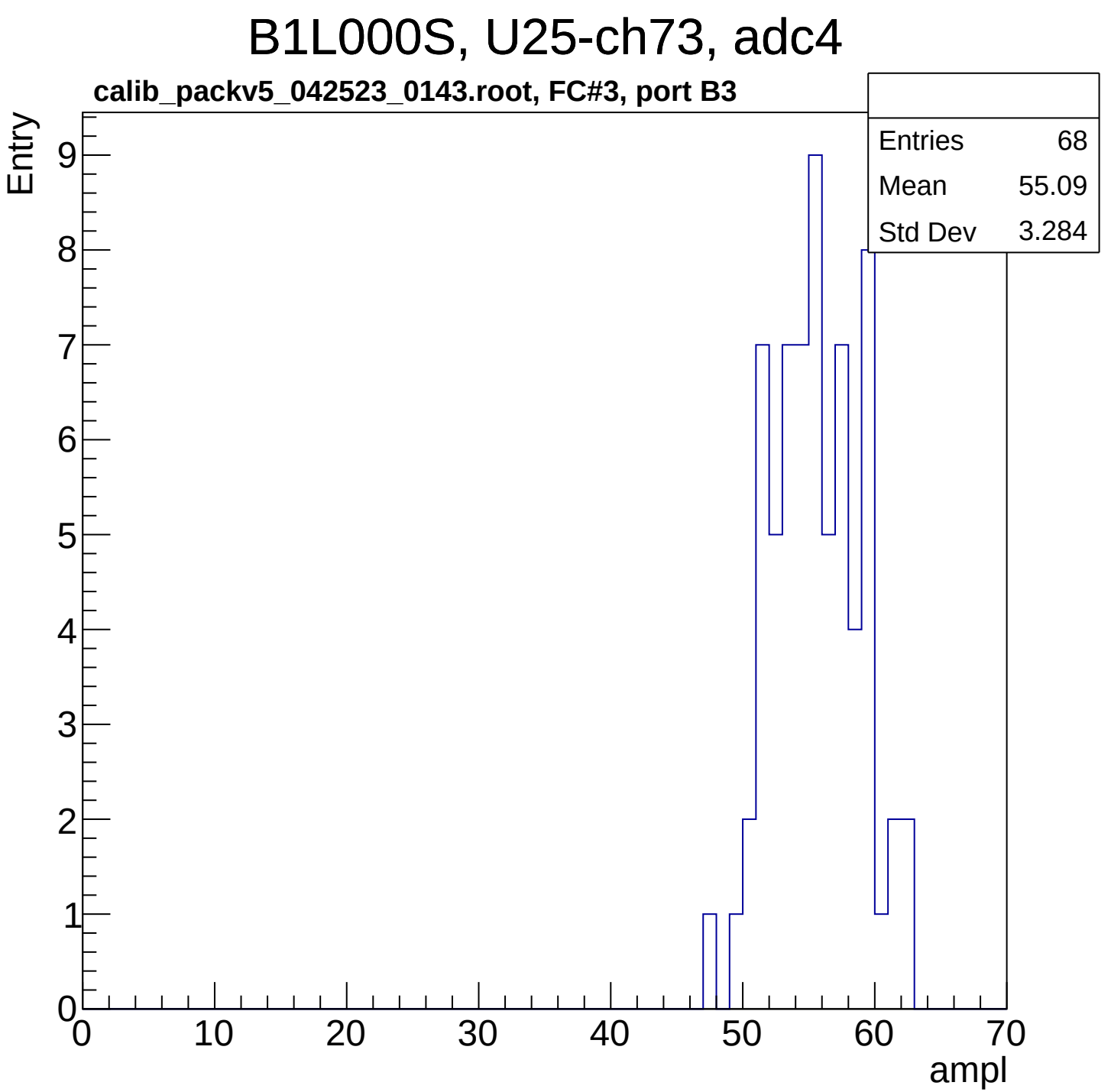
B1L000S, U25-ch73, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 55.09
Std Dev 3.284
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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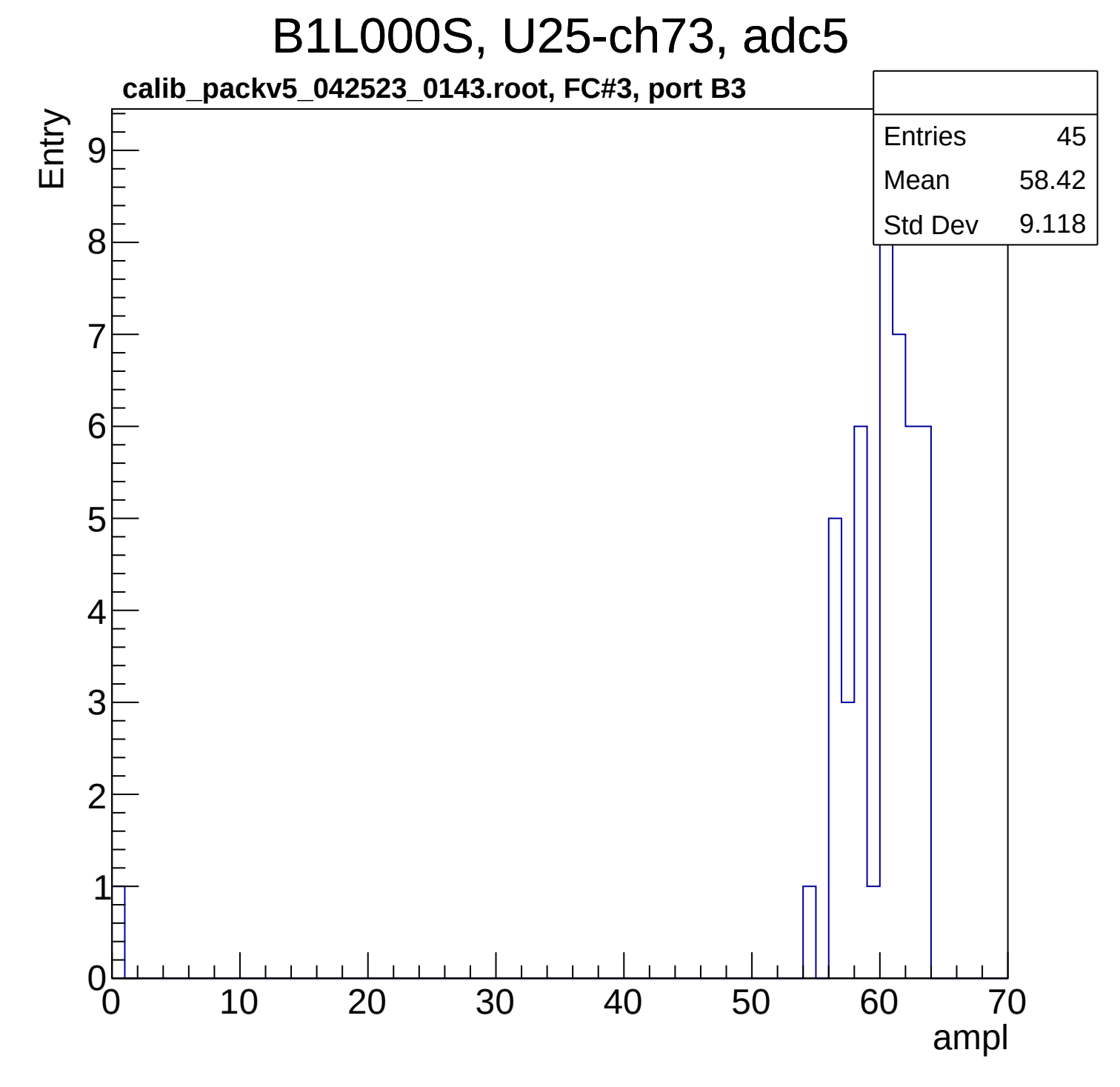
B1L000S, U25-ch73, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 58.42
Std Dev 9.118
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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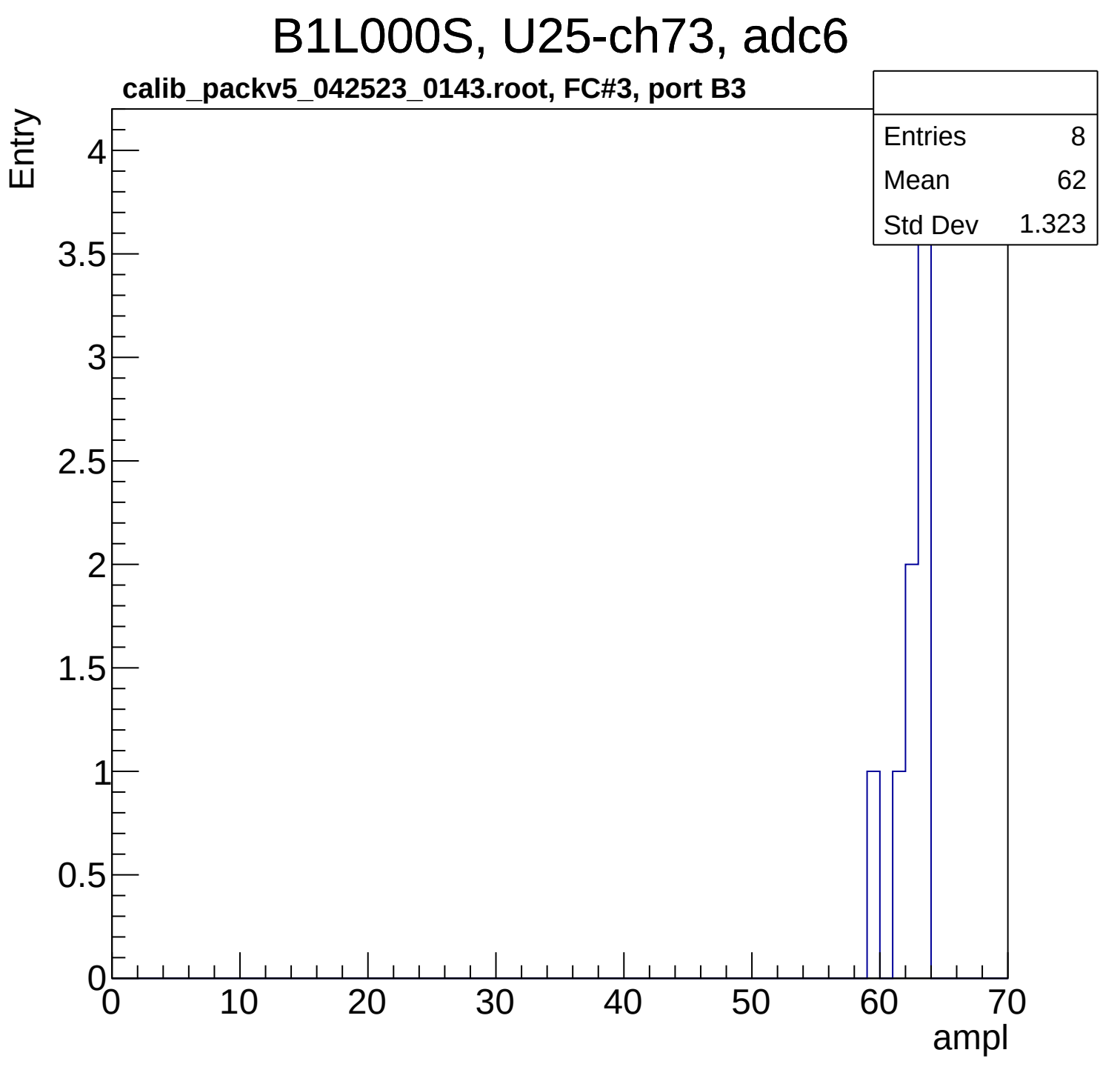
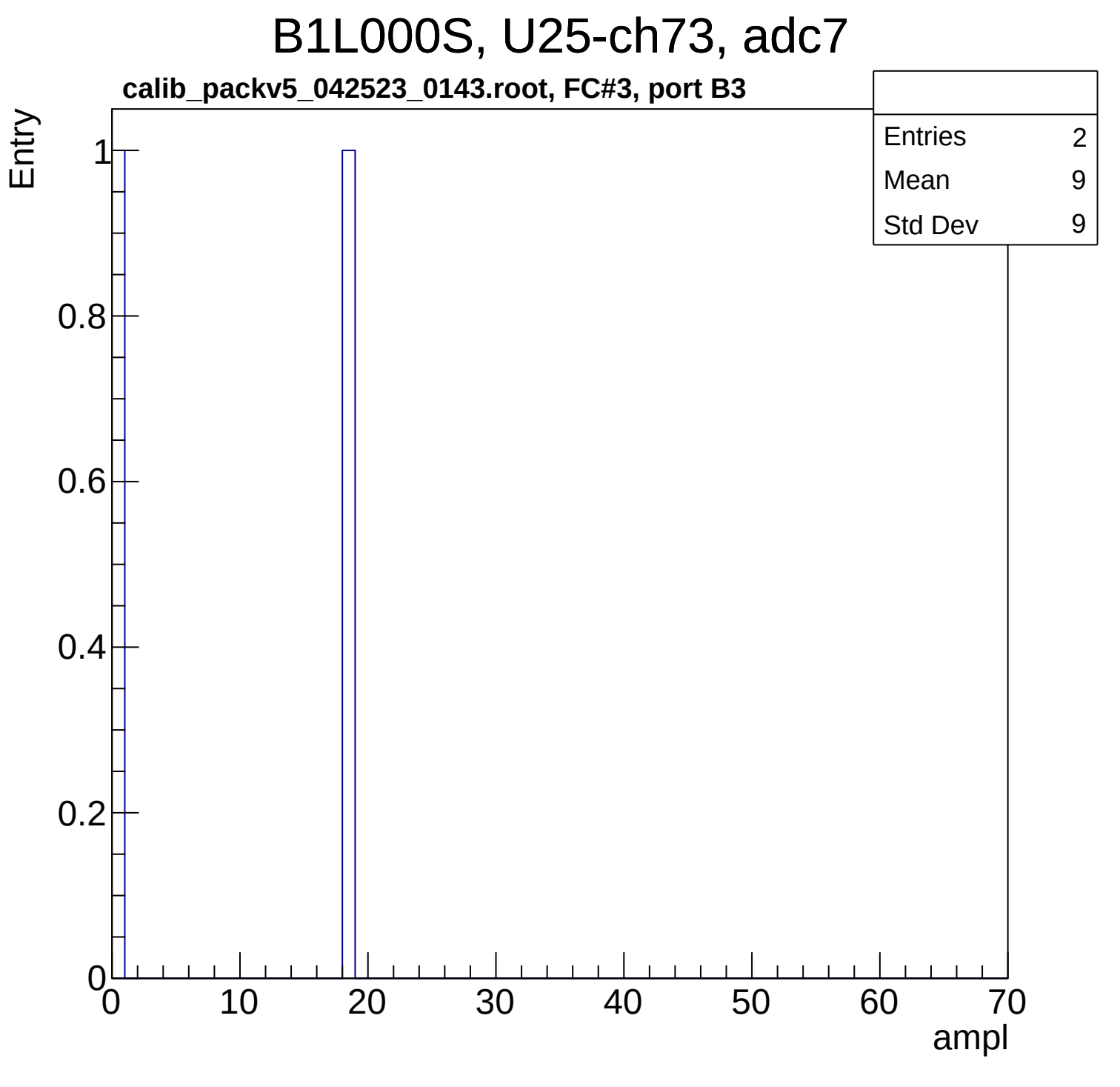

B1L000S, U25-ch73, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 62
Std Dev 1.323
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U25-ch73, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 9
Std Dev 9
Entry
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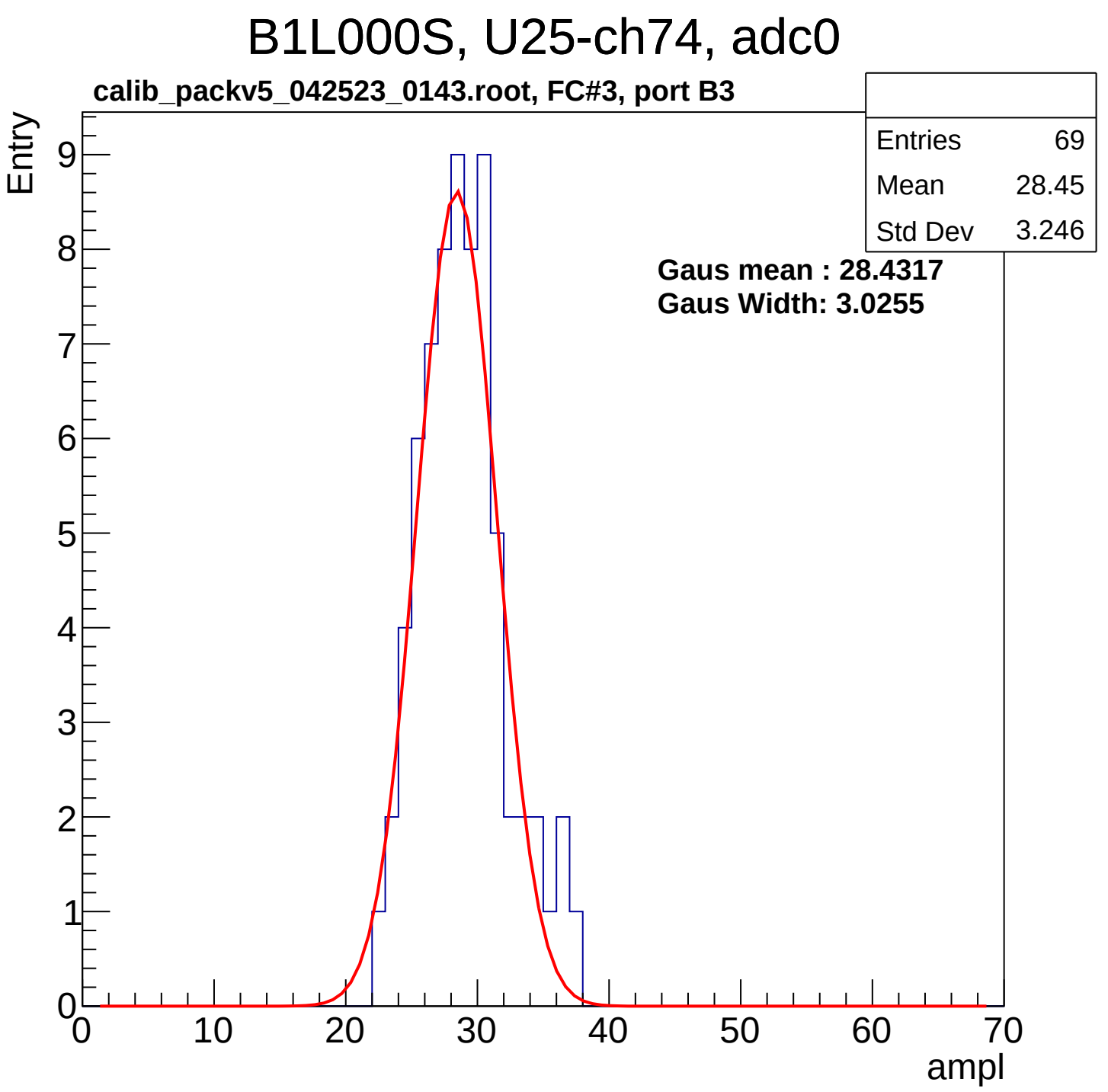
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch74, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 28.45
Std Dev 3.246
Gaus mean : 28.4317
Gaus Width: 3.0255
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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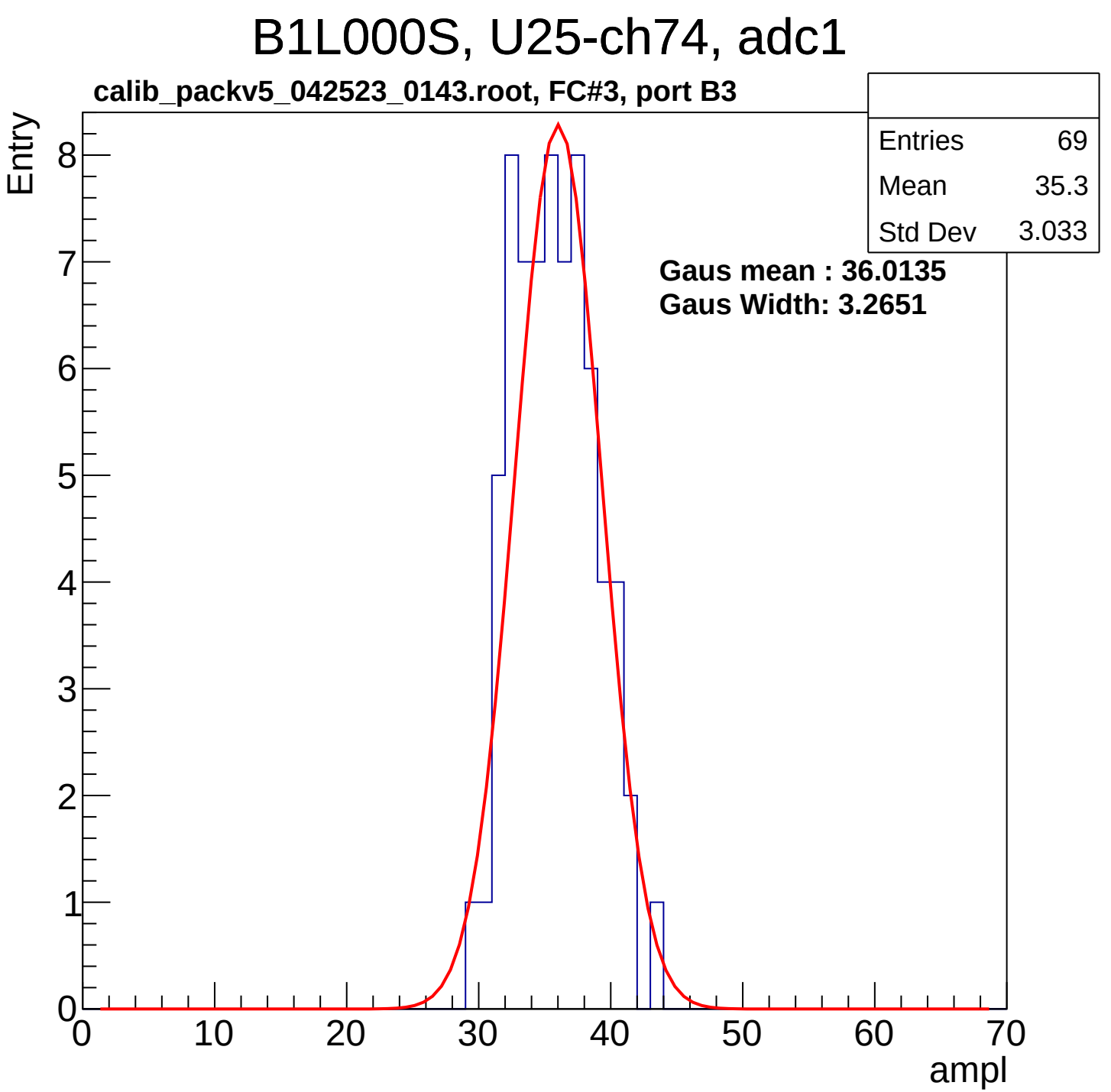
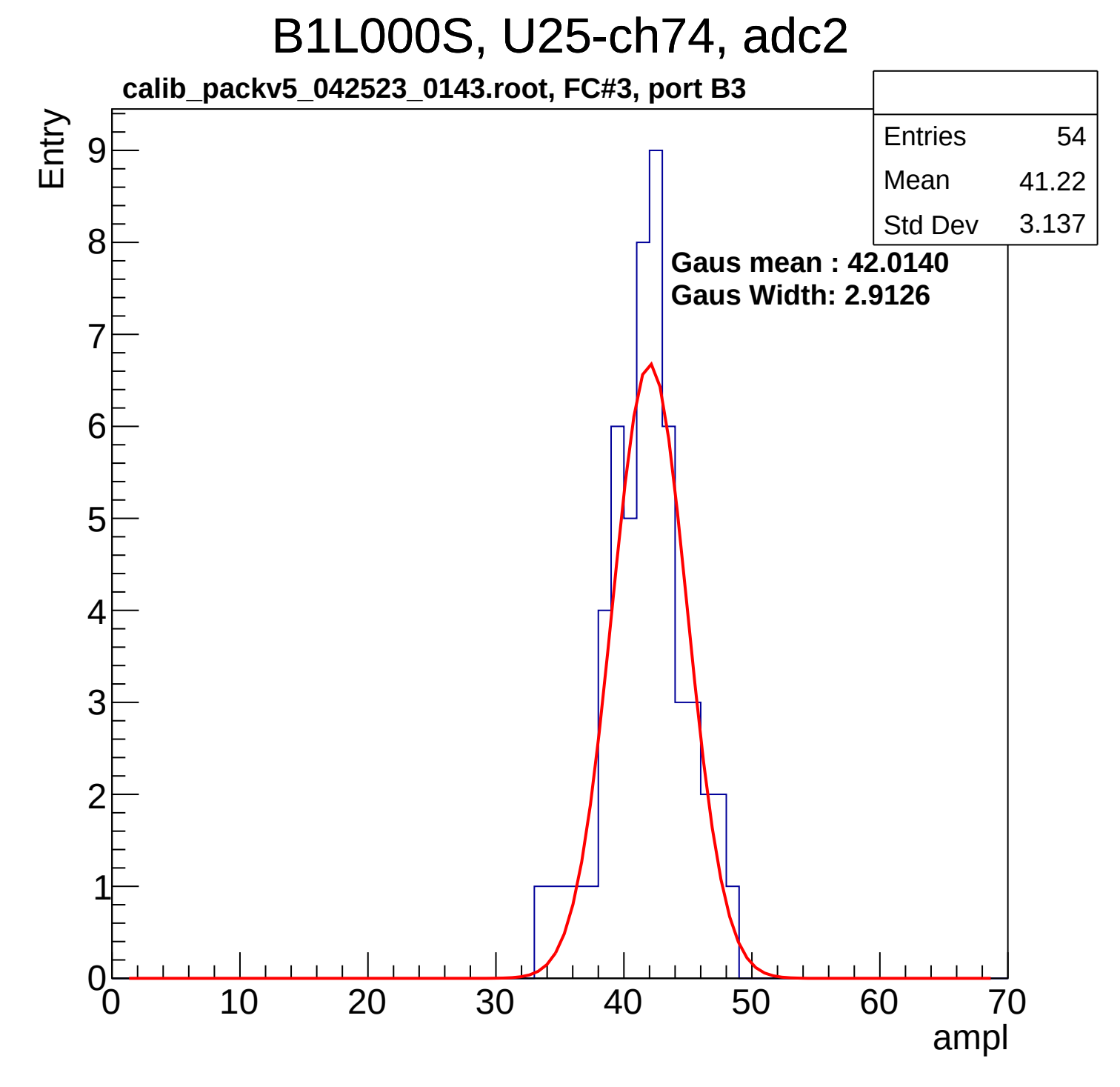
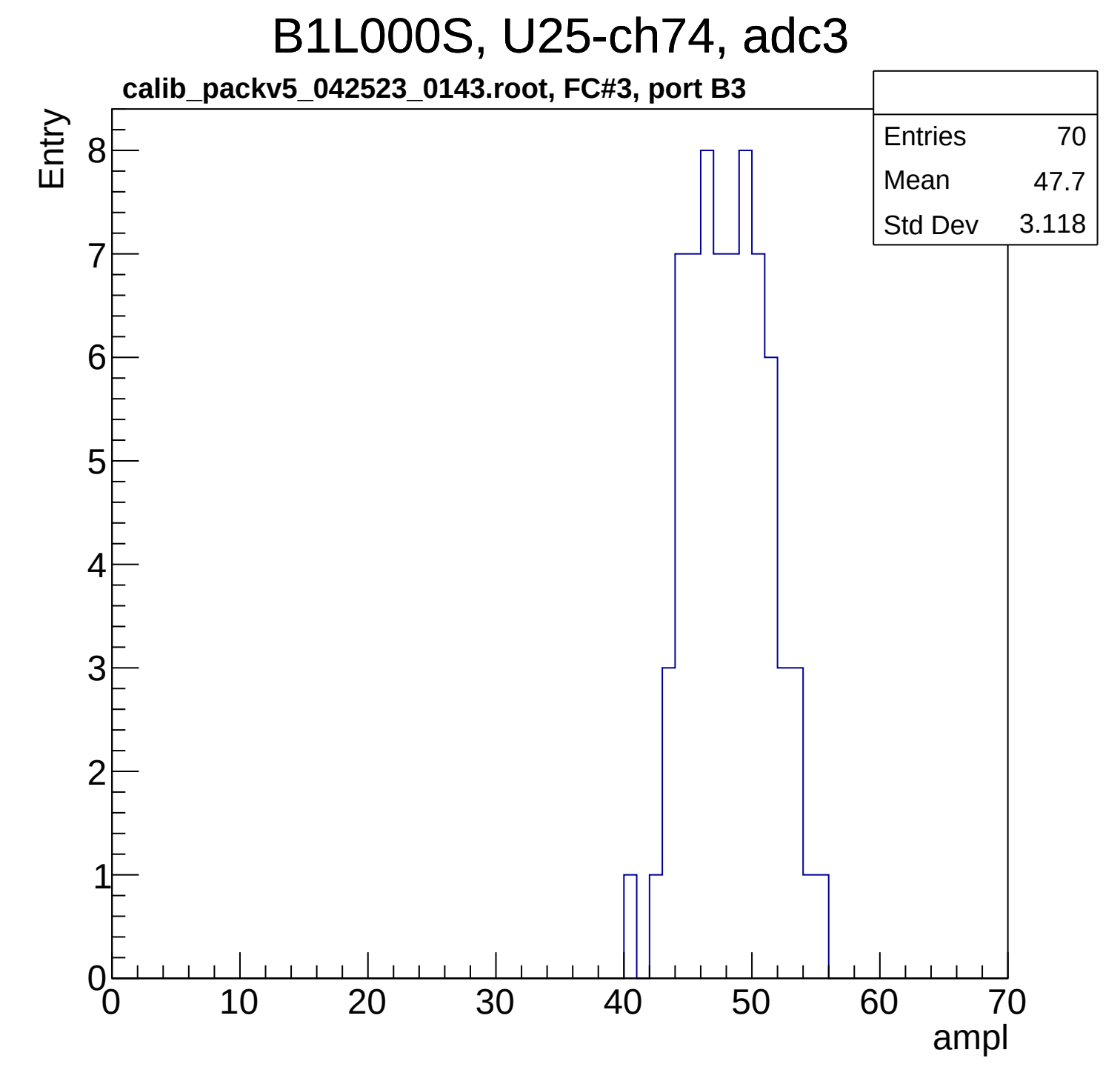
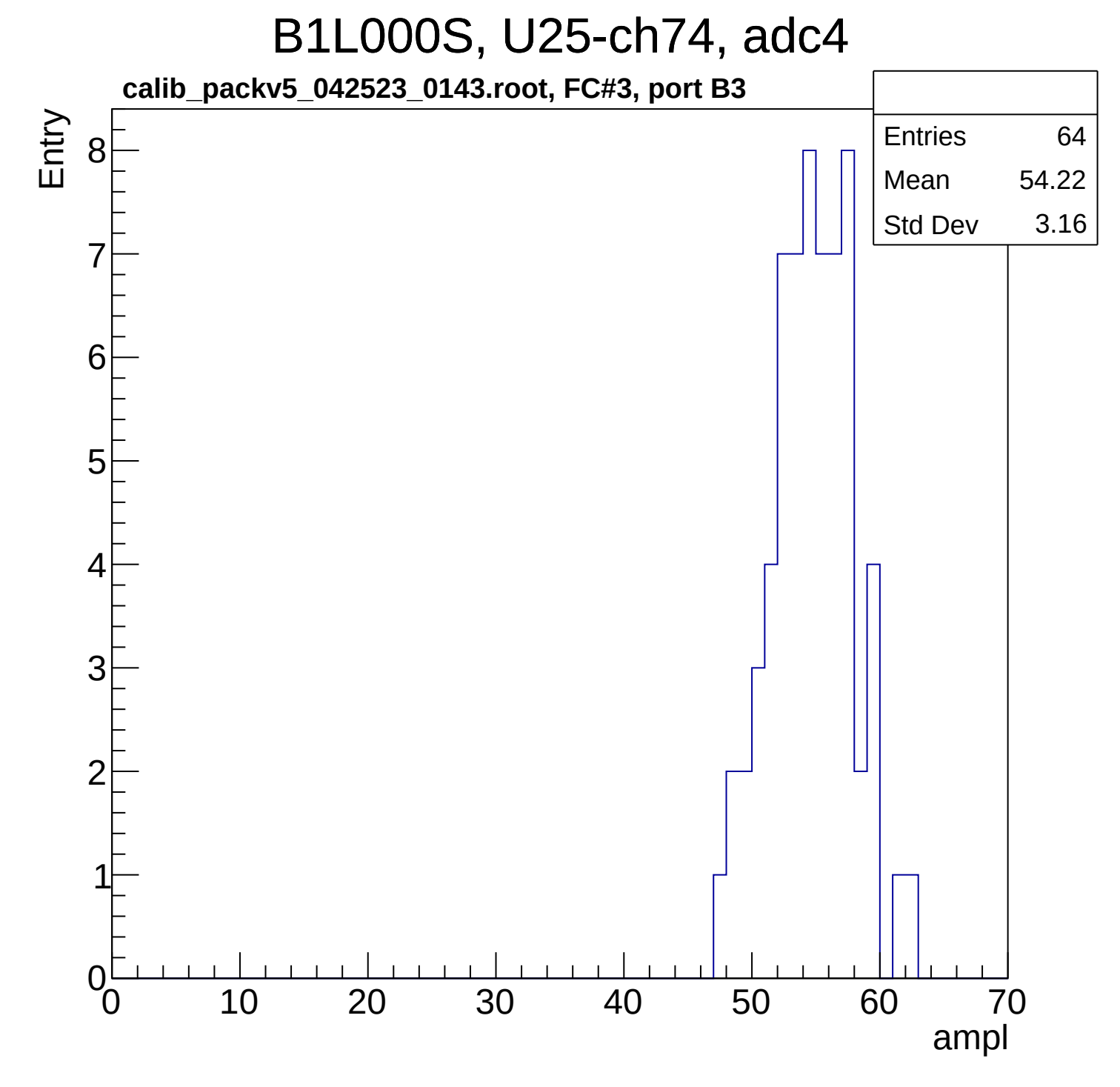
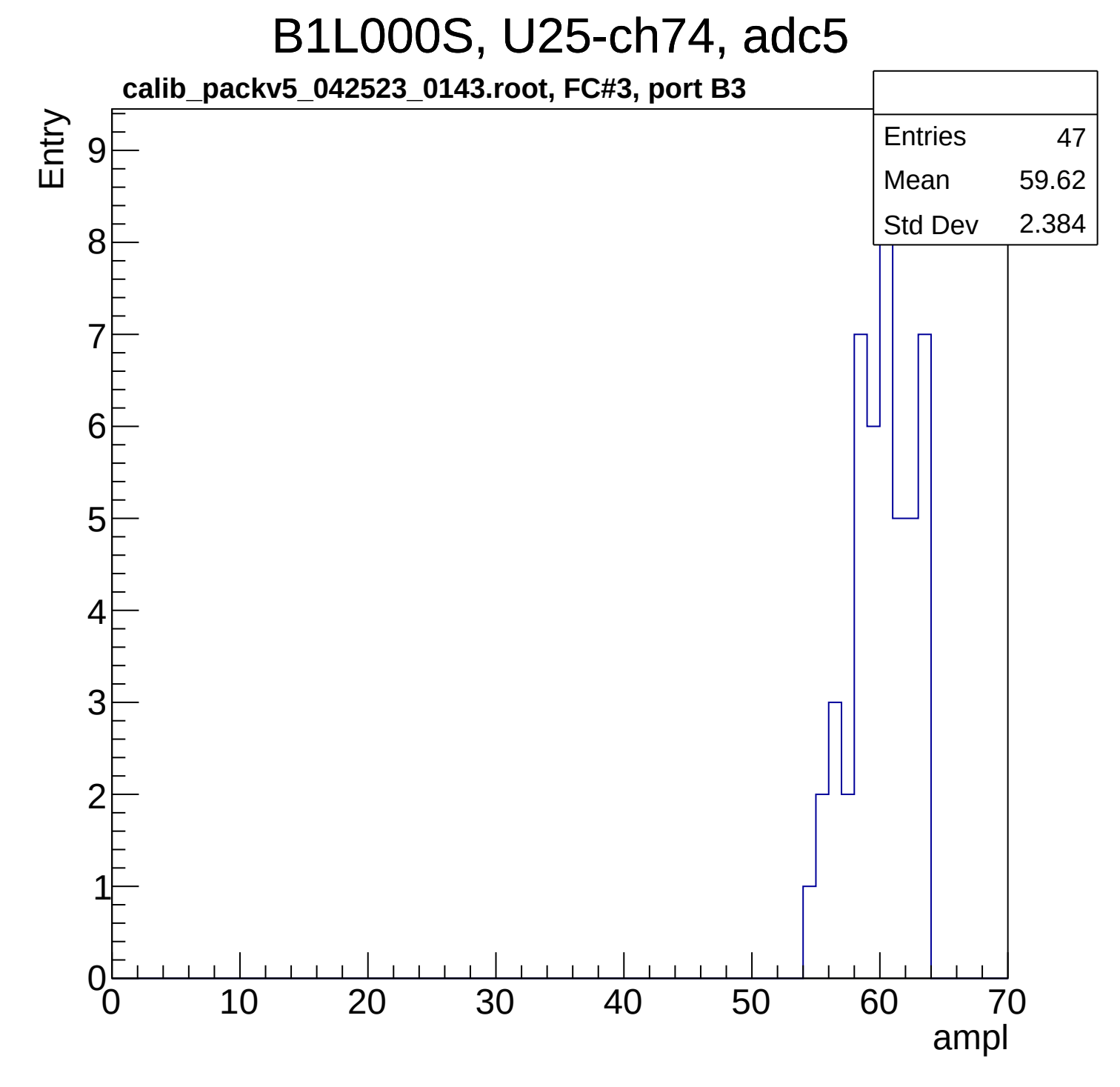

B1L000S, U25-ch74, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 35.3
Std Dev 3.033
Gaus mean : 36.0135
Gaus Width: 3.2651
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch74, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 41.22
Std Dev 3.137
Gaus mean : 42.0140
Gaus Width: 2.9126
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch74, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 47.7
Std Dev 3.118
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch74, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 54.22
Std Dev 3.16
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch74, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 59.62
Std Dev 2.384
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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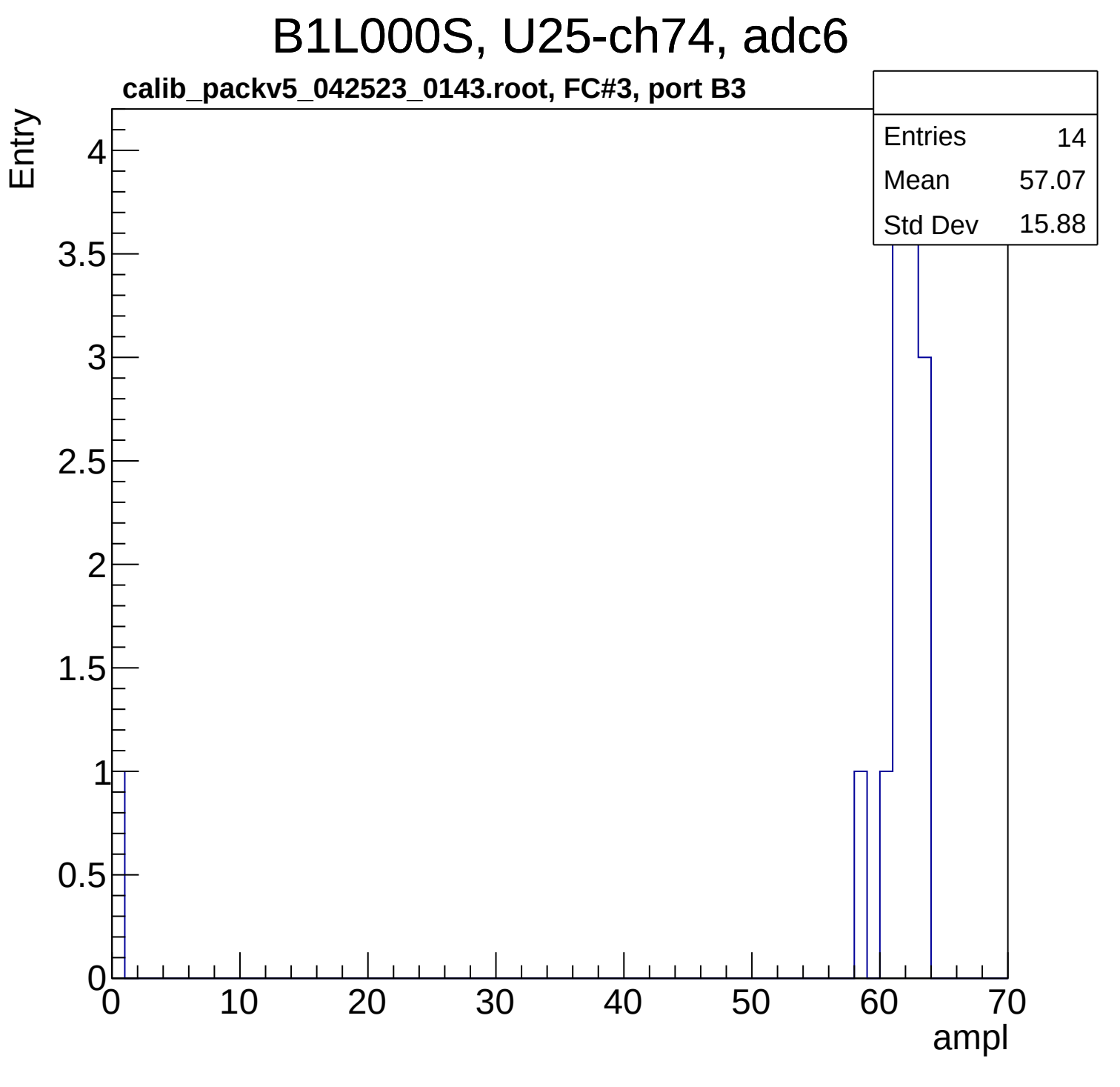
B1L000S, U25-ch74, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 57.07
Std Dev 15.88
Entry
ampl
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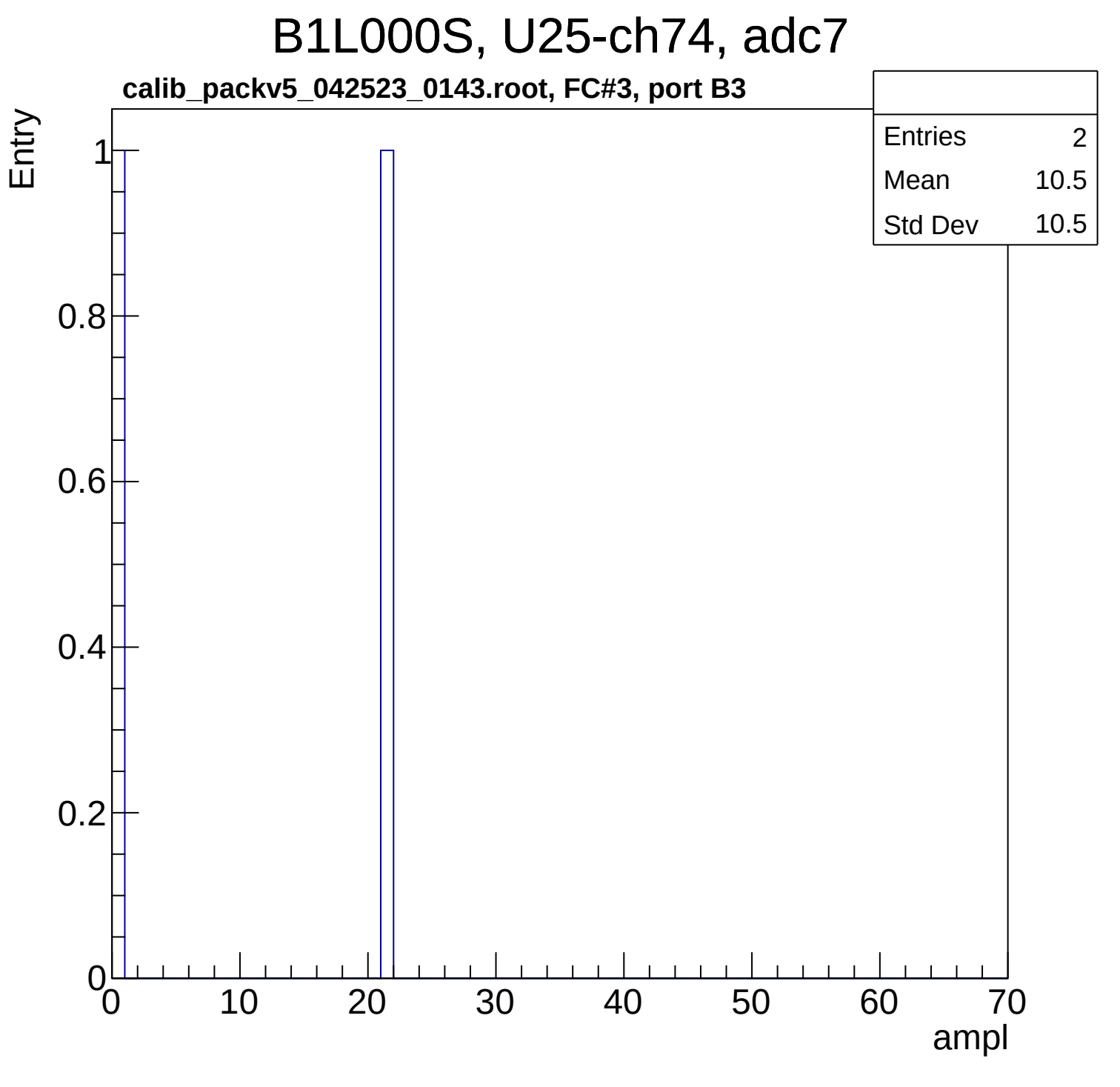
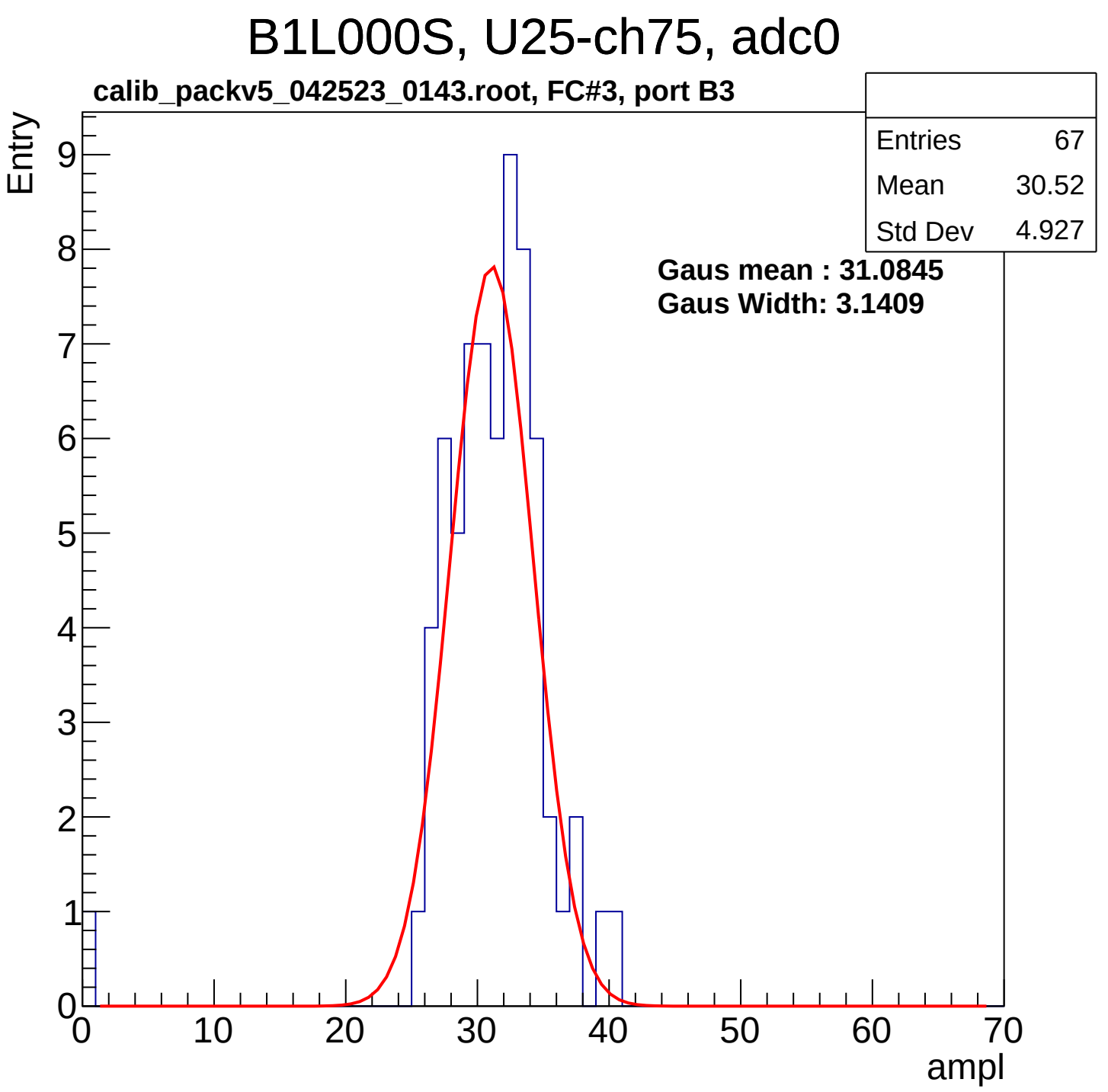
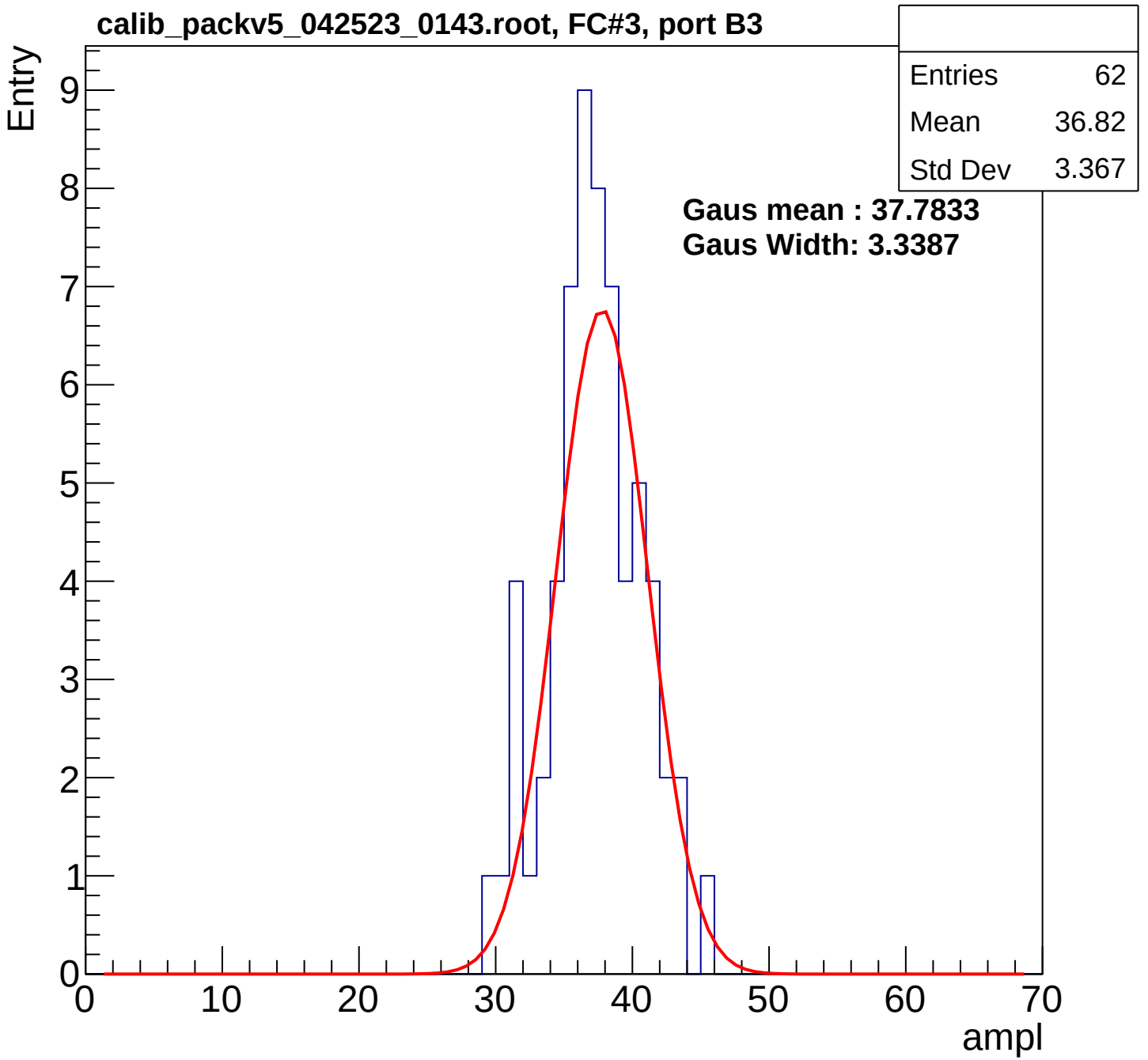
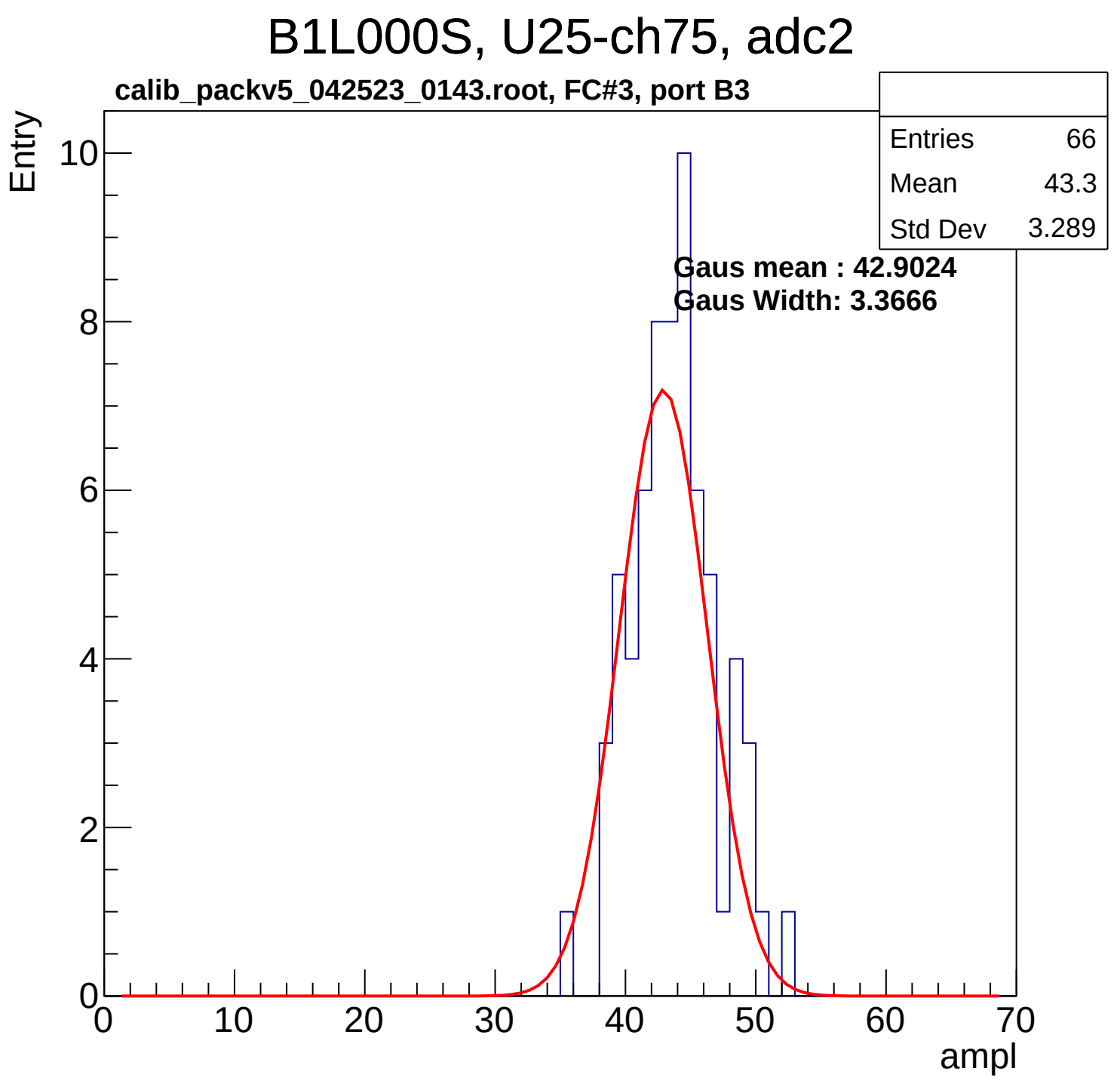
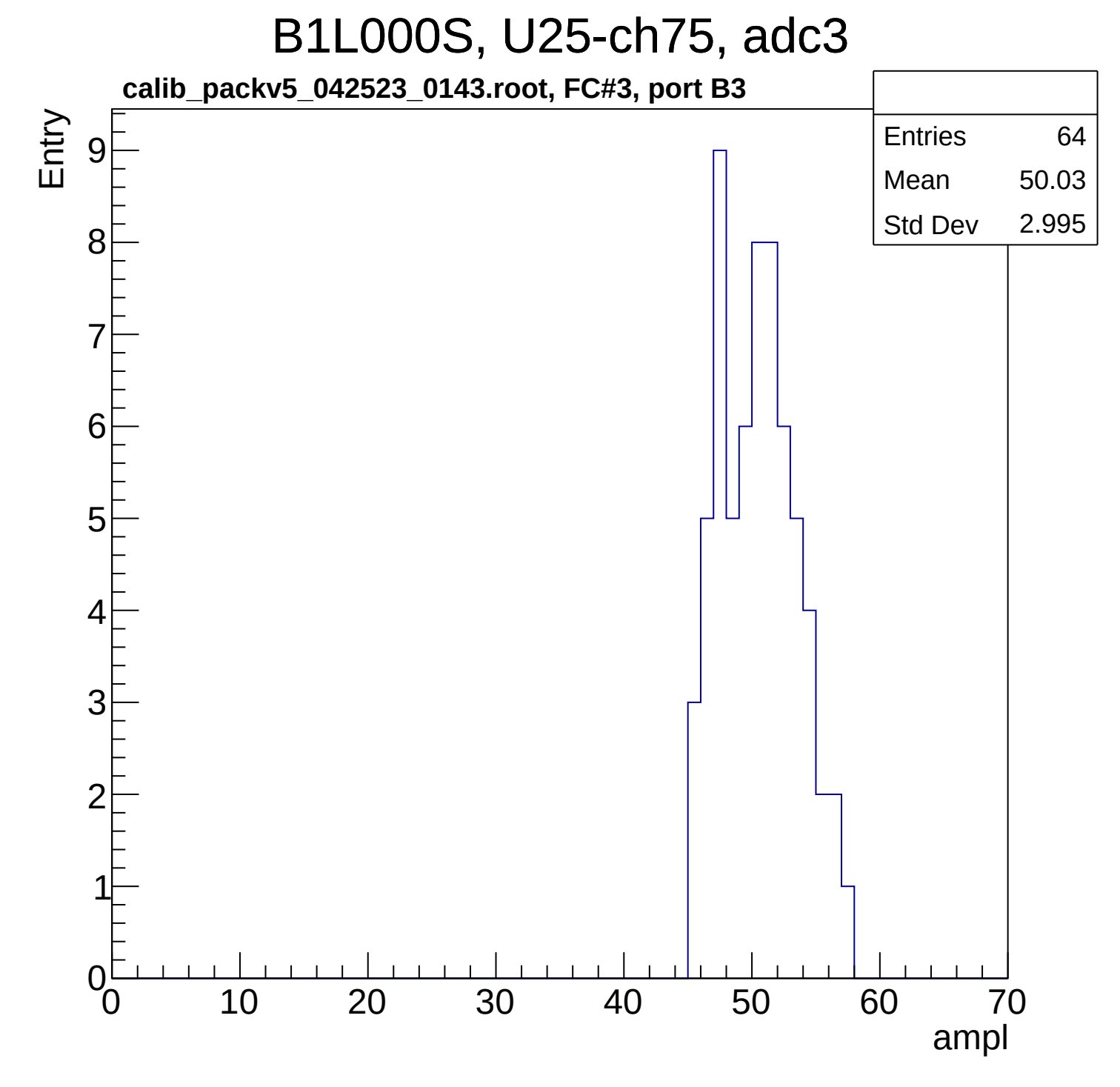
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U25-ch74, 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, U25-ch75, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 30.52
Std Dev 4.927
Gaus mean : 31.0845
Gaus Width: 3.1409
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch75, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 36.82
Std Dev 3.367
Gaus mean : 37.7833
Gaus Width: 3.3387
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch75, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 43.3
Std Dev 3.289
Gaus mean : 42.9024
Gaus Width: 3.3666
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch75, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 50.03
Std Dev 2.995
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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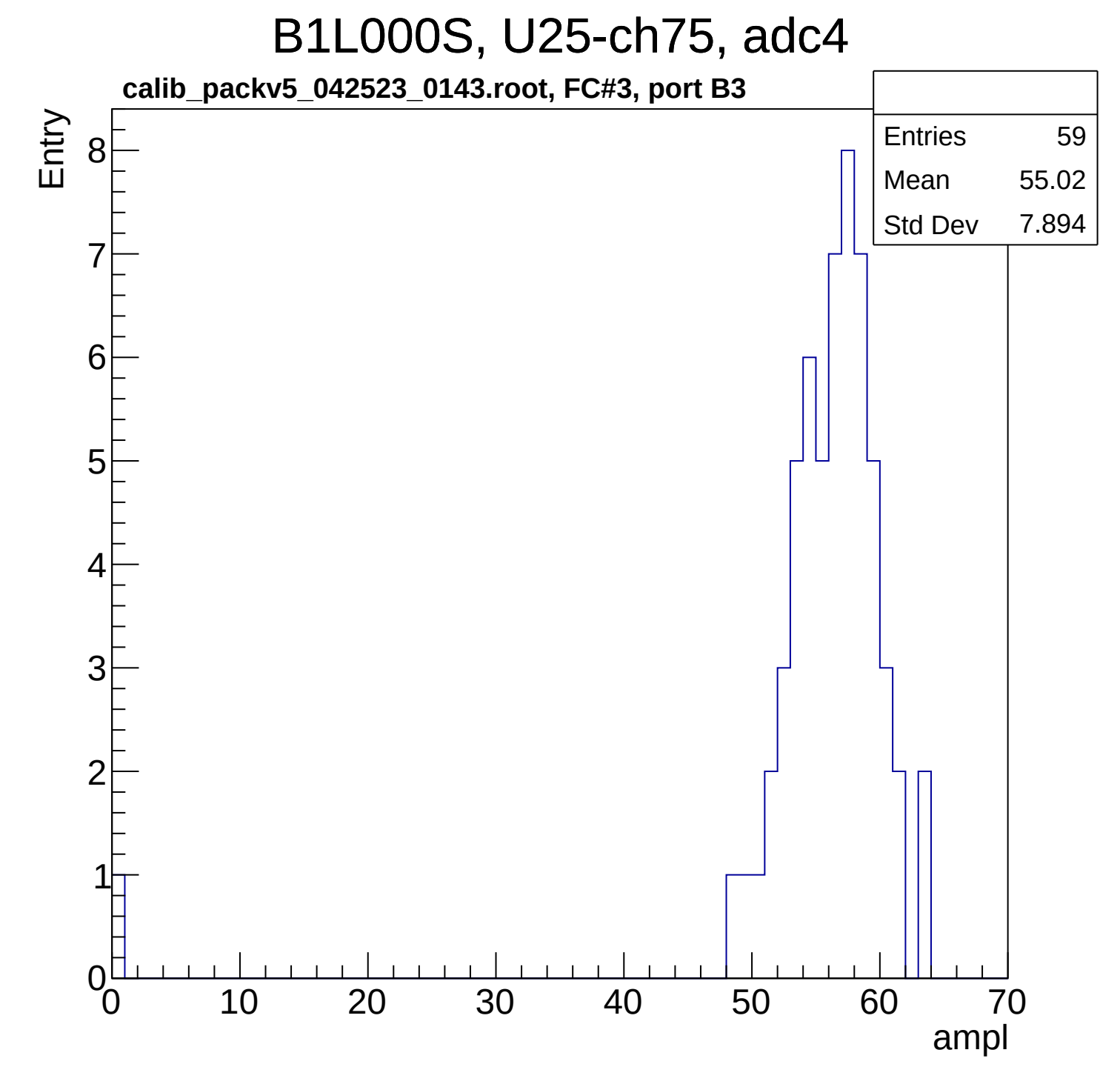
B1L000S, U25-ch75, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 55.02
Std Dev 7.894
Entry
ampl
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1
2
3
4
5
6
7
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0
10
20
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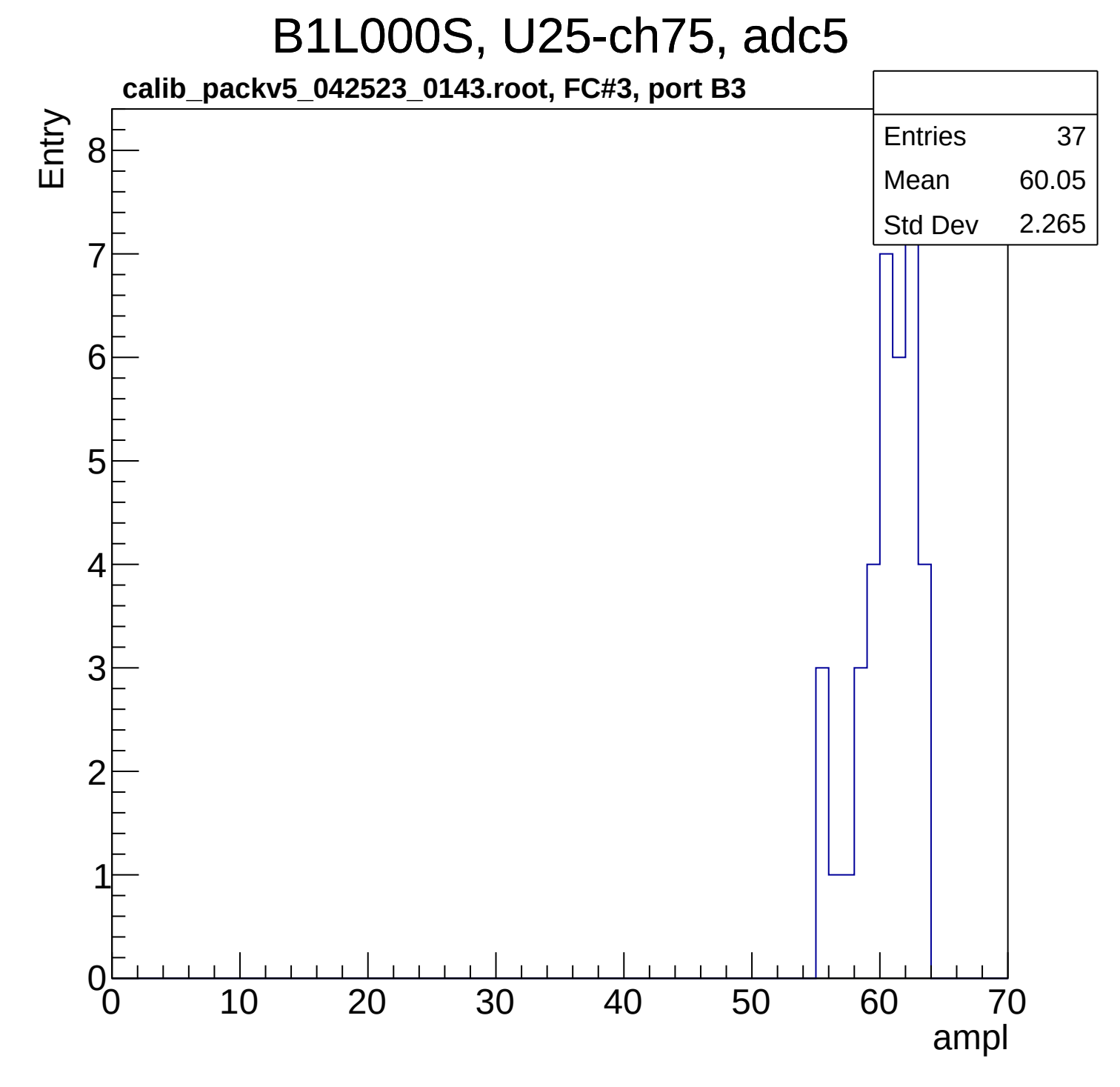
40
50
60
70


B1L000S, U25-ch75, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 37
Mean 60.05
Std Dev 2.265
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
50
60
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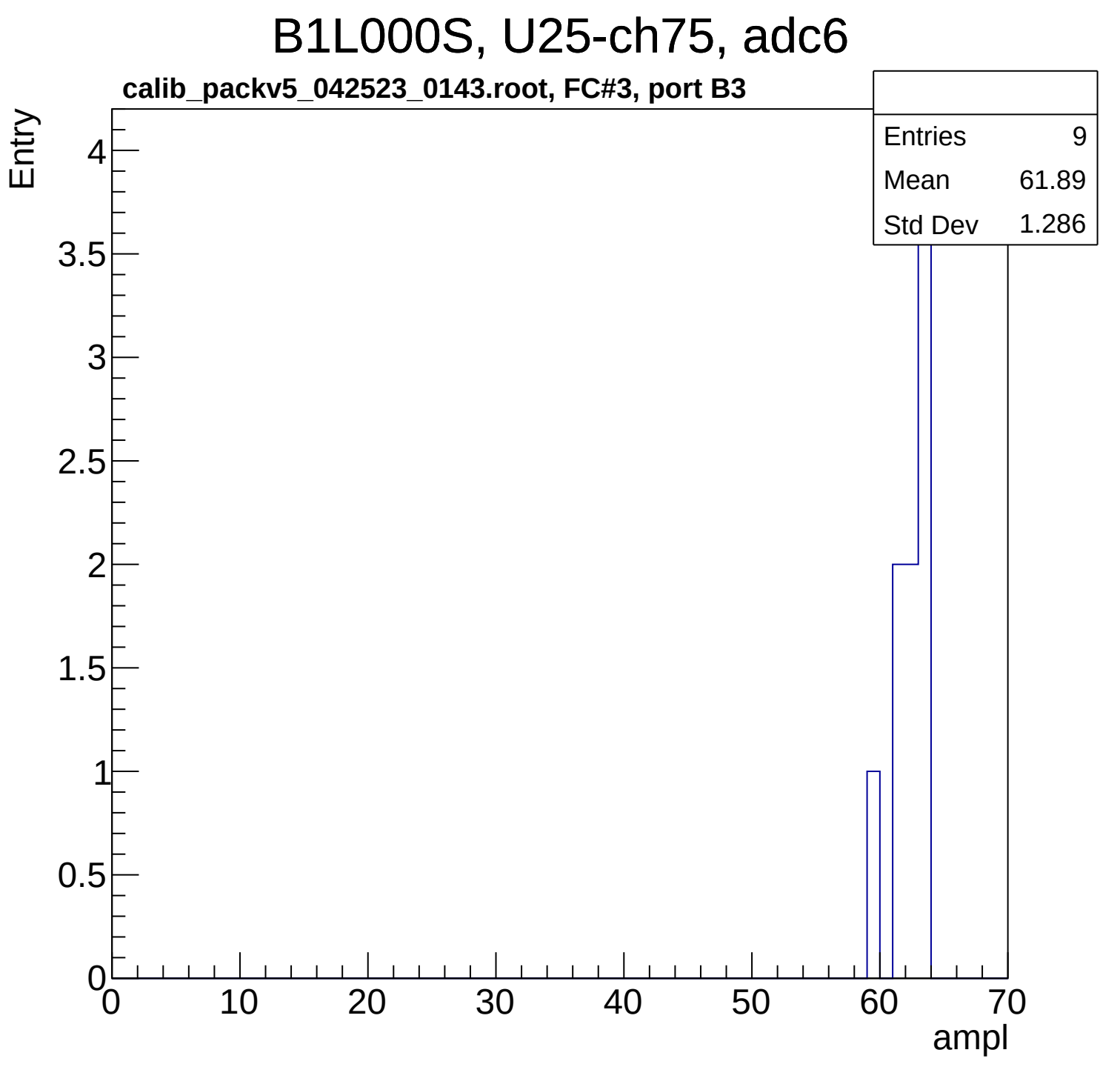
B1L000S, U25-ch75, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 61.89
Std Dev 1.286
Entry
ampl
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0.5
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1.5
2
2.5
3
3.5
4
0
10
20
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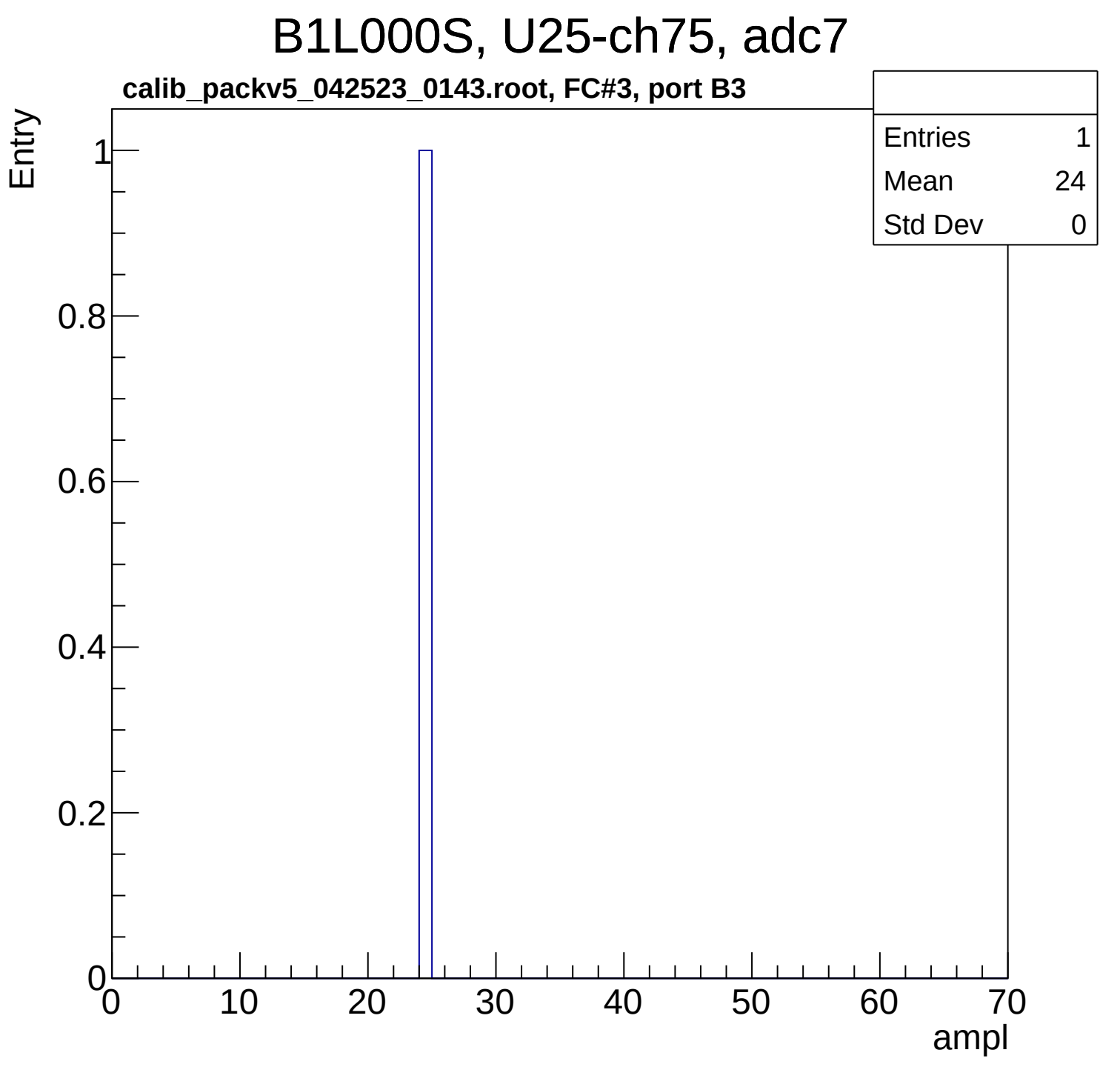
40
50
60
70


B1L000S, U25-ch75, 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
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0
10
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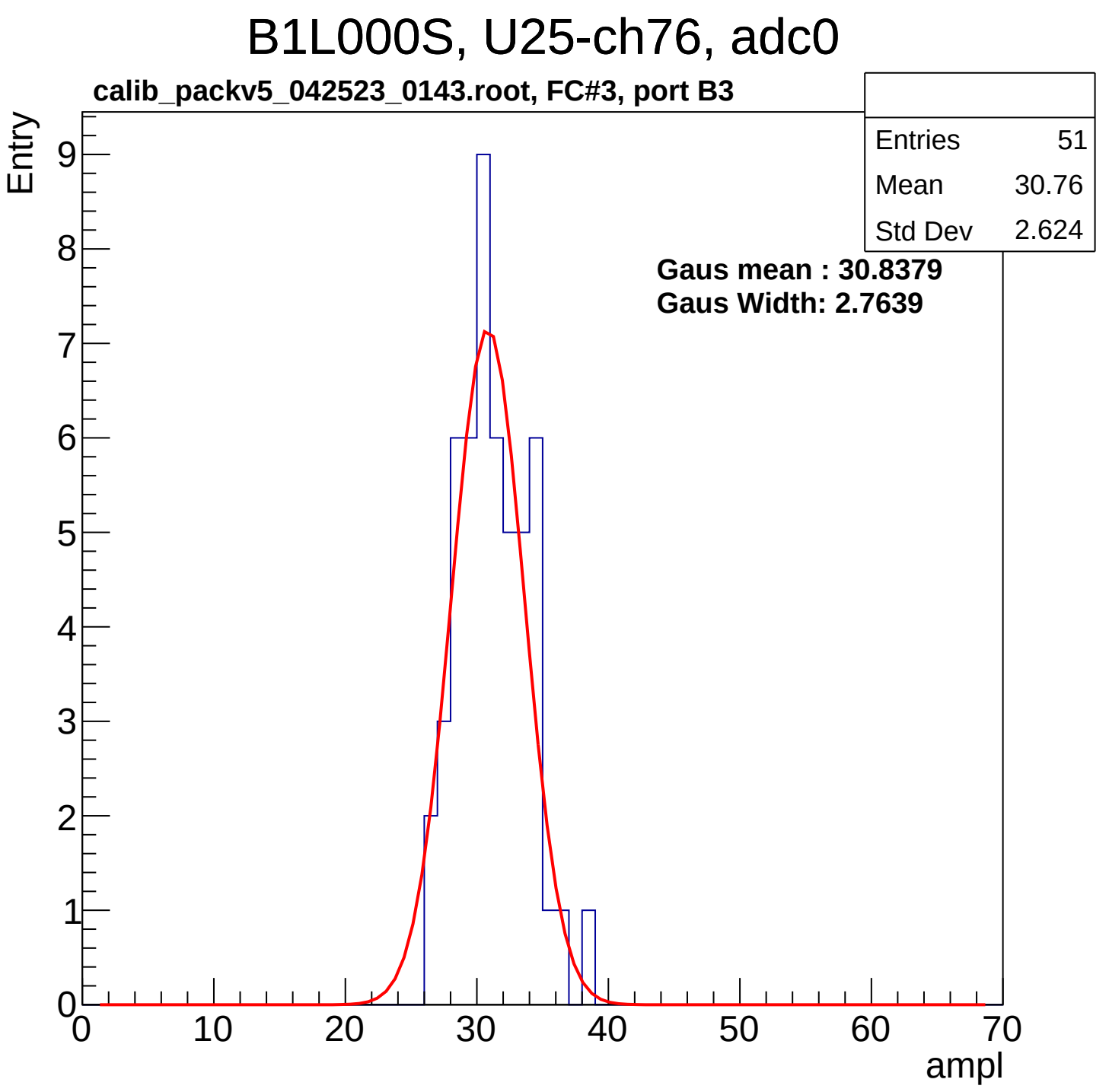
30
40
50
60
70
ampl


B1L000S, U25-ch76, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 30.76
Std Dev 2.624
Gaus mean : 30.8379
Gaus Width: 2.7639
Entry
ampl
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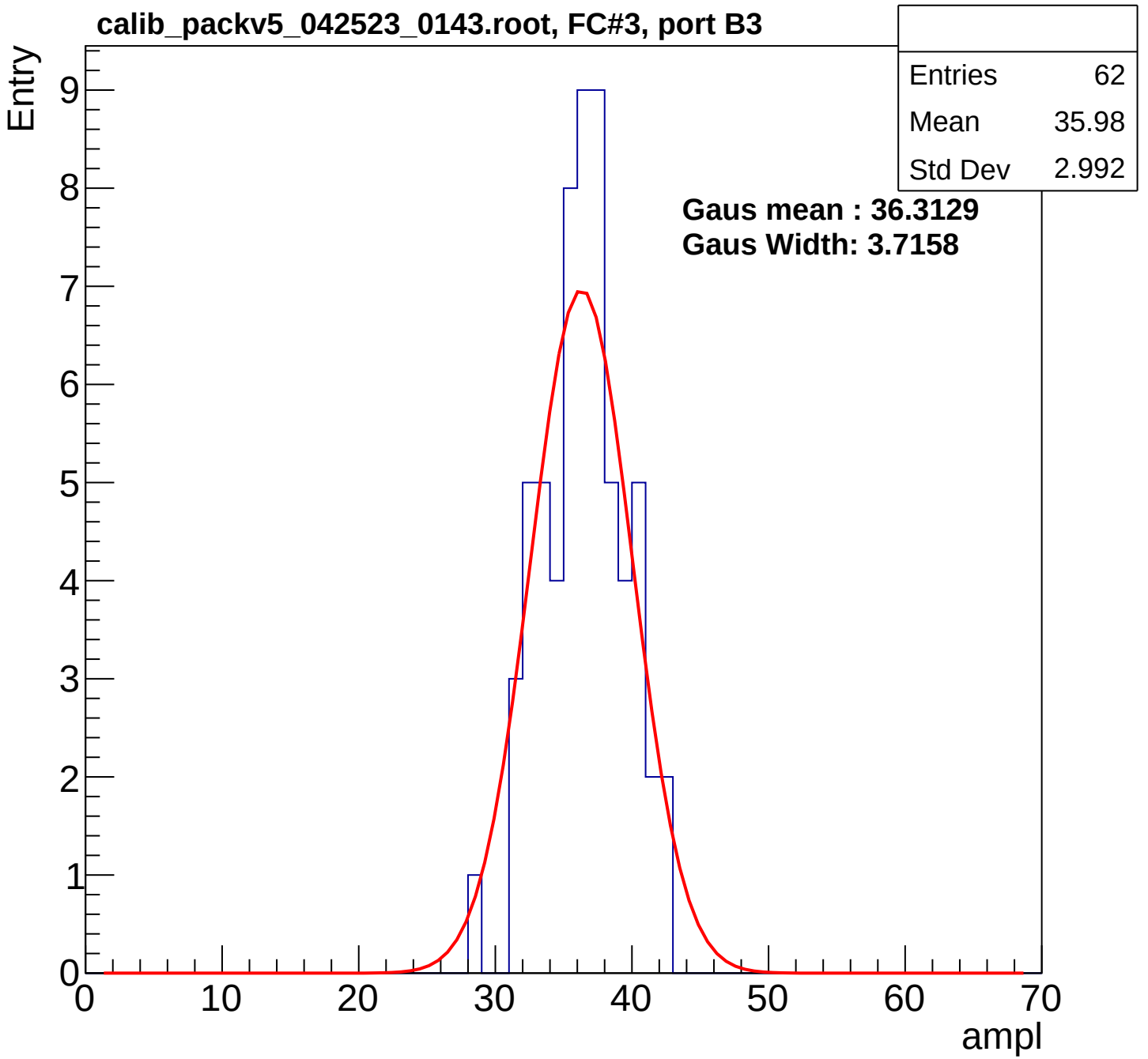
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch76, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 35.98
Std Dev 2.992
Gaus mean : 36.3129
Gaus Width: 3.7158
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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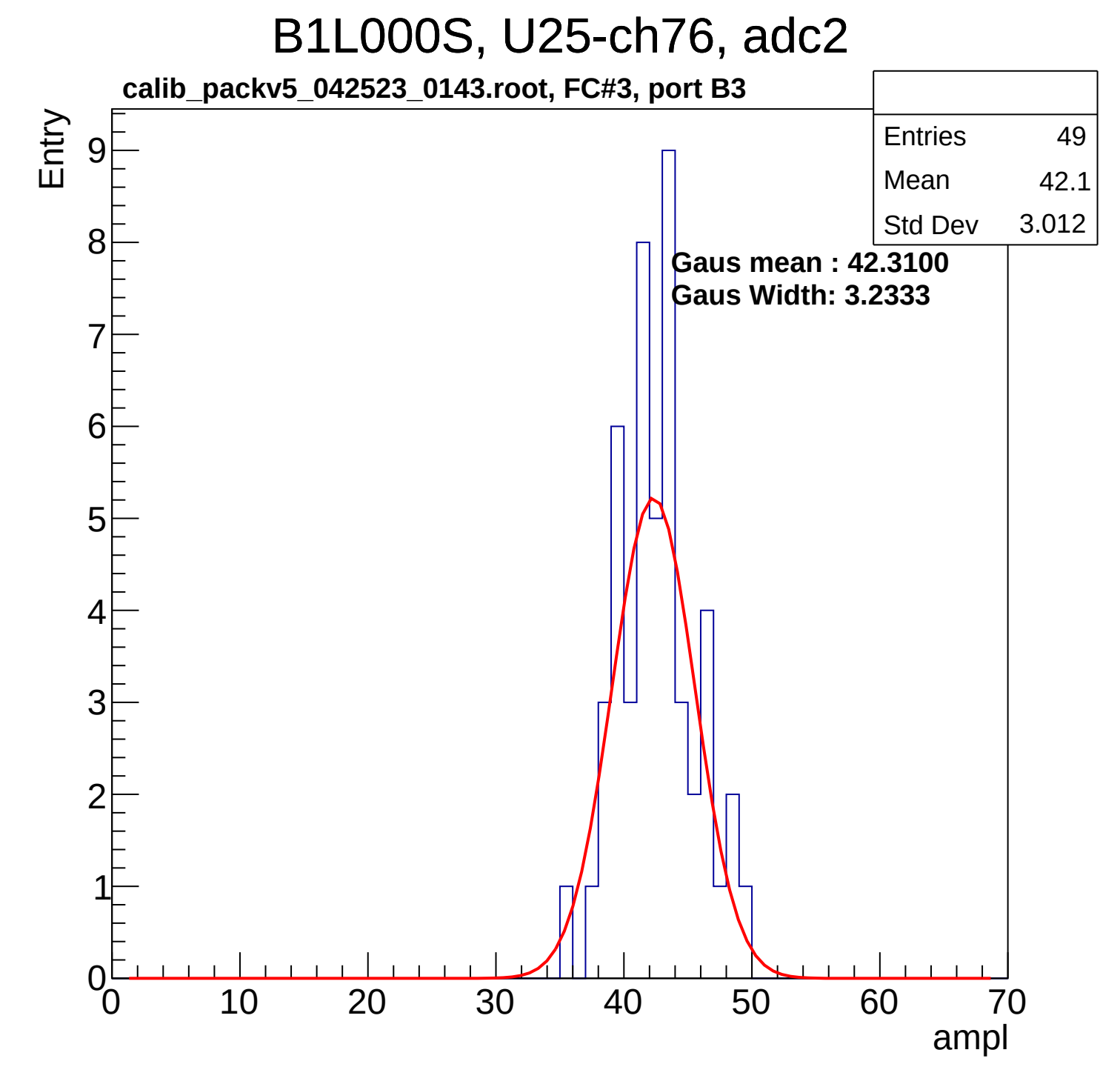
20
30
40
50
60
70


B1L000S, U25-ch76, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 42.1
Std Dev 3.012
Gaus mean : 42.3100
Gaus Width: 3.2333
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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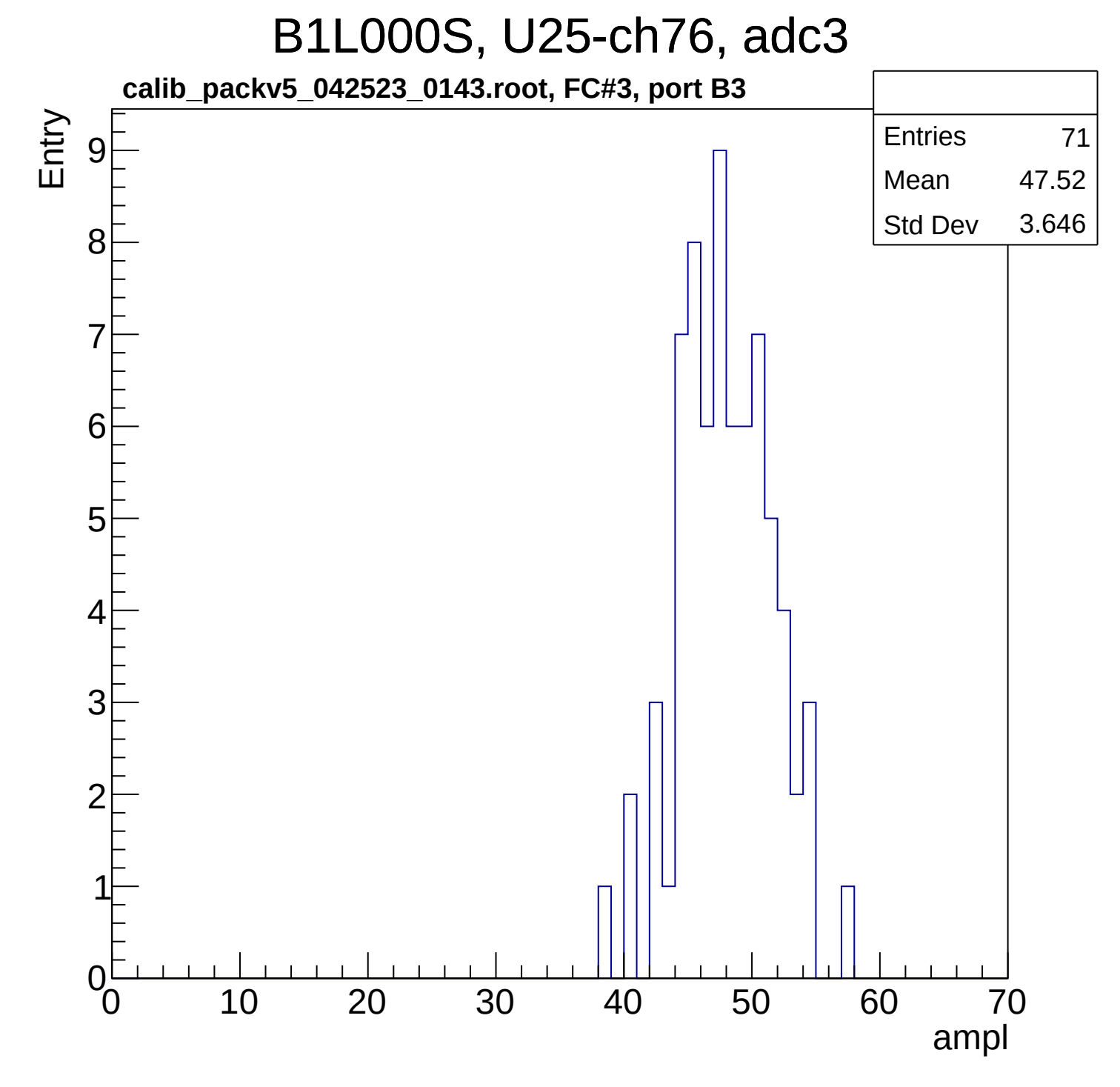
B1L000S, U25-ch76, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 47.52
Std Dev 3.646
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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40
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60
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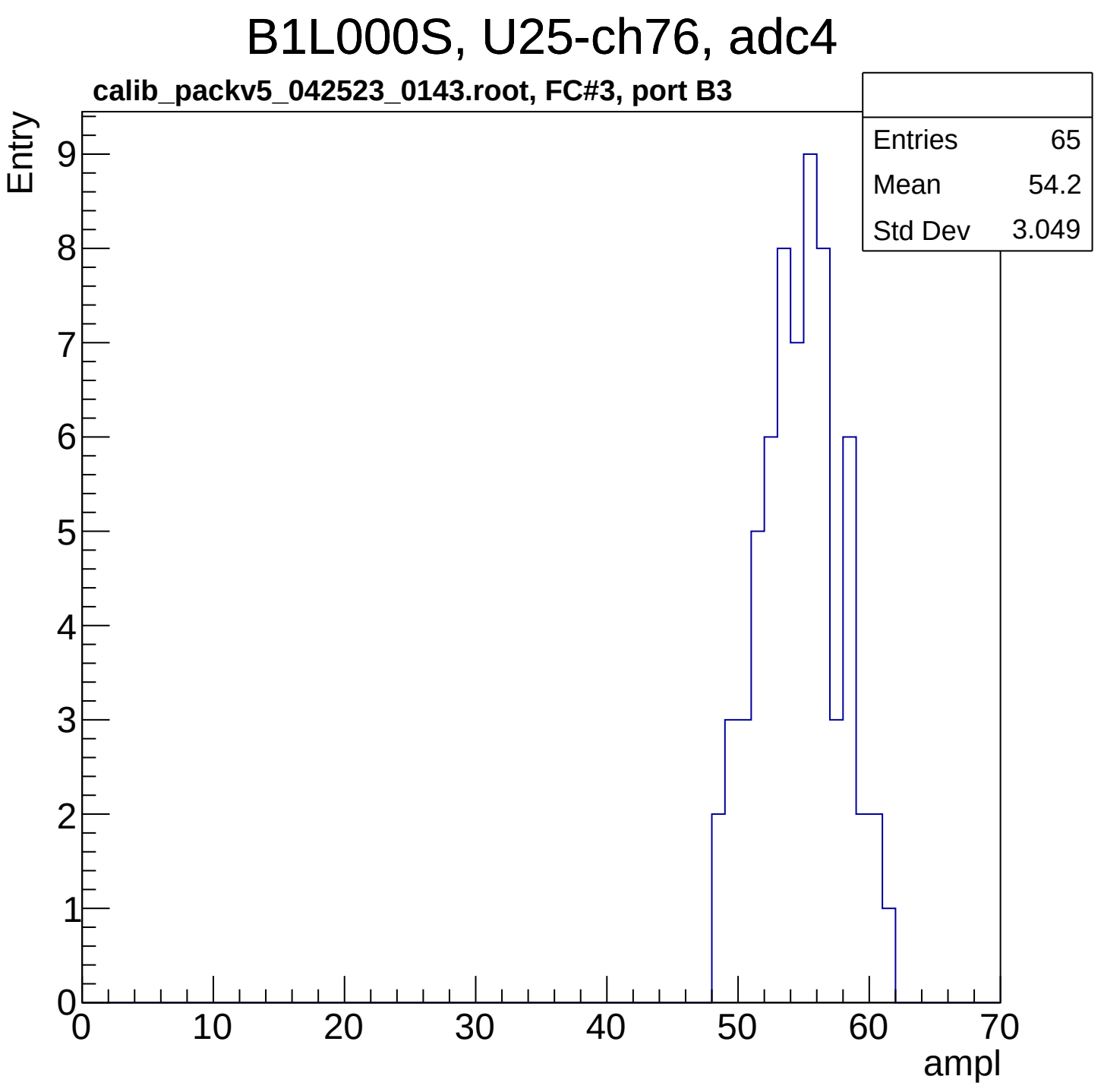
B1L000S, U25-ch76, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 54.2
Std Dev 3.049
Entry
ampl
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3
4
5
6
7
8
9
0
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40
50
60
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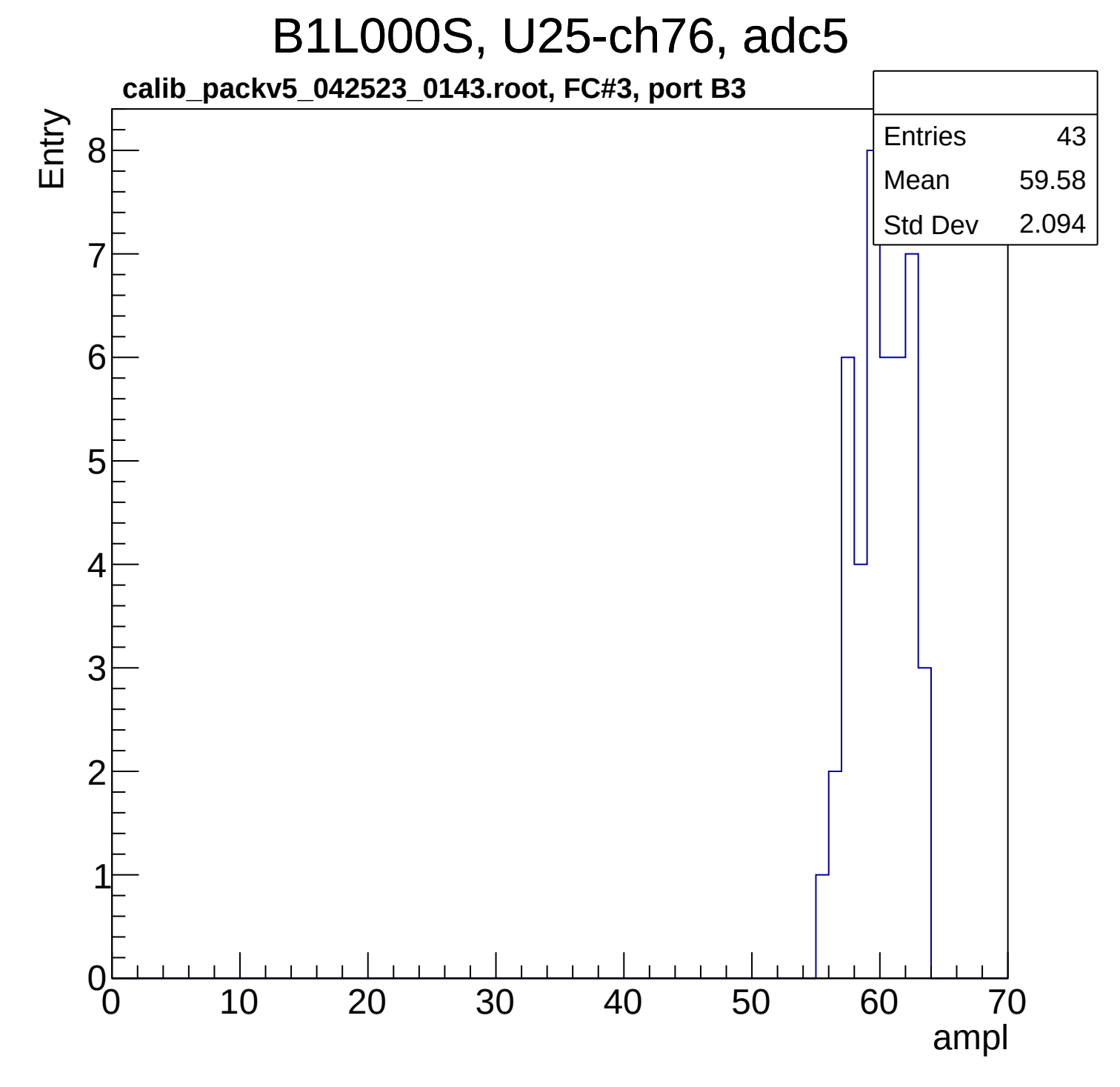
B1L000S, U25-ch76, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 59.58
Std Dev 2.094
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
30
40
50
60
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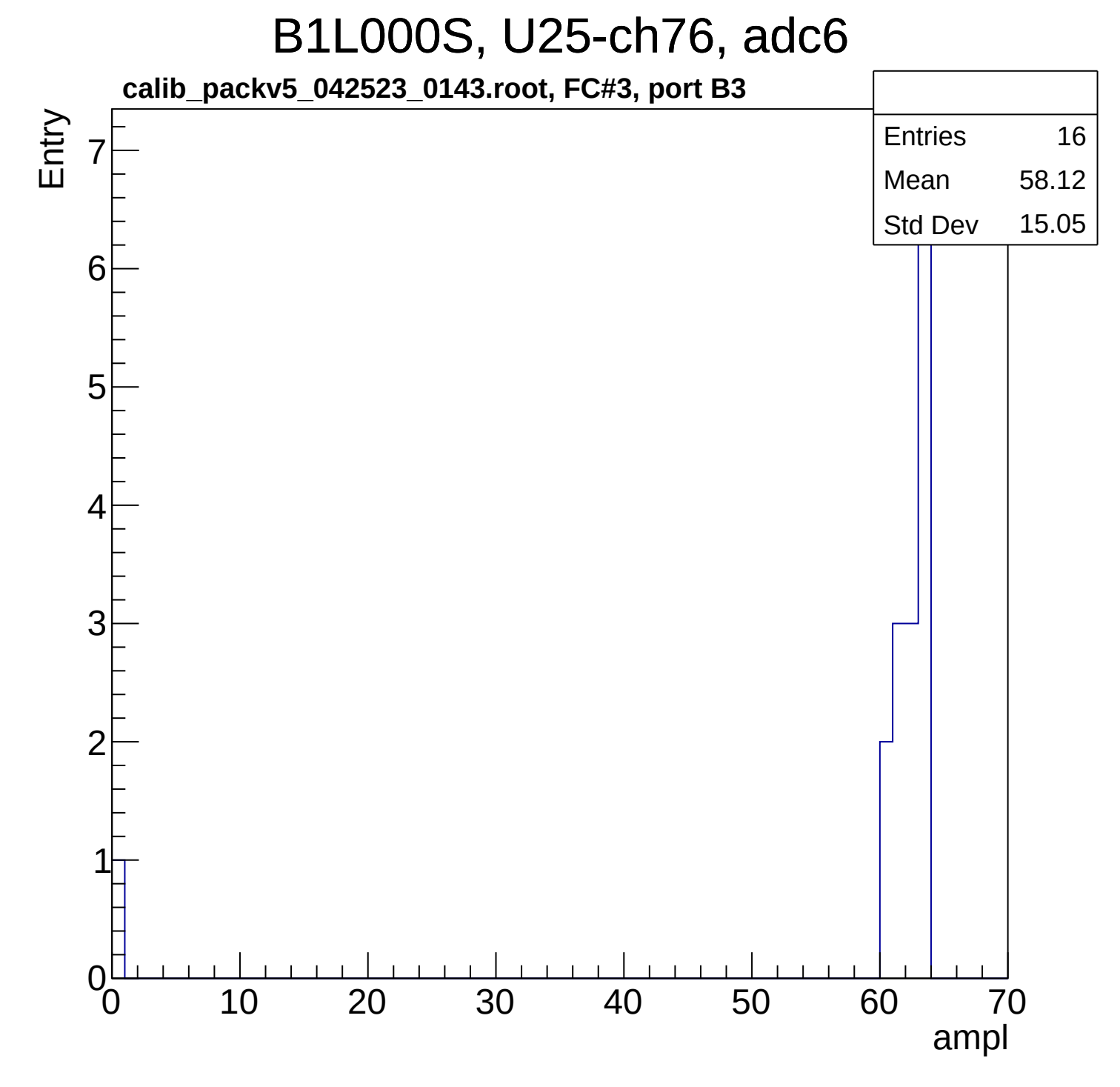
B1L000S, U25-ch76, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 16
Mean 58.12
Std Dev 15.05
Entry
ampl
0
1
2
3
4
5
6
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0
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20
30
40
50
60
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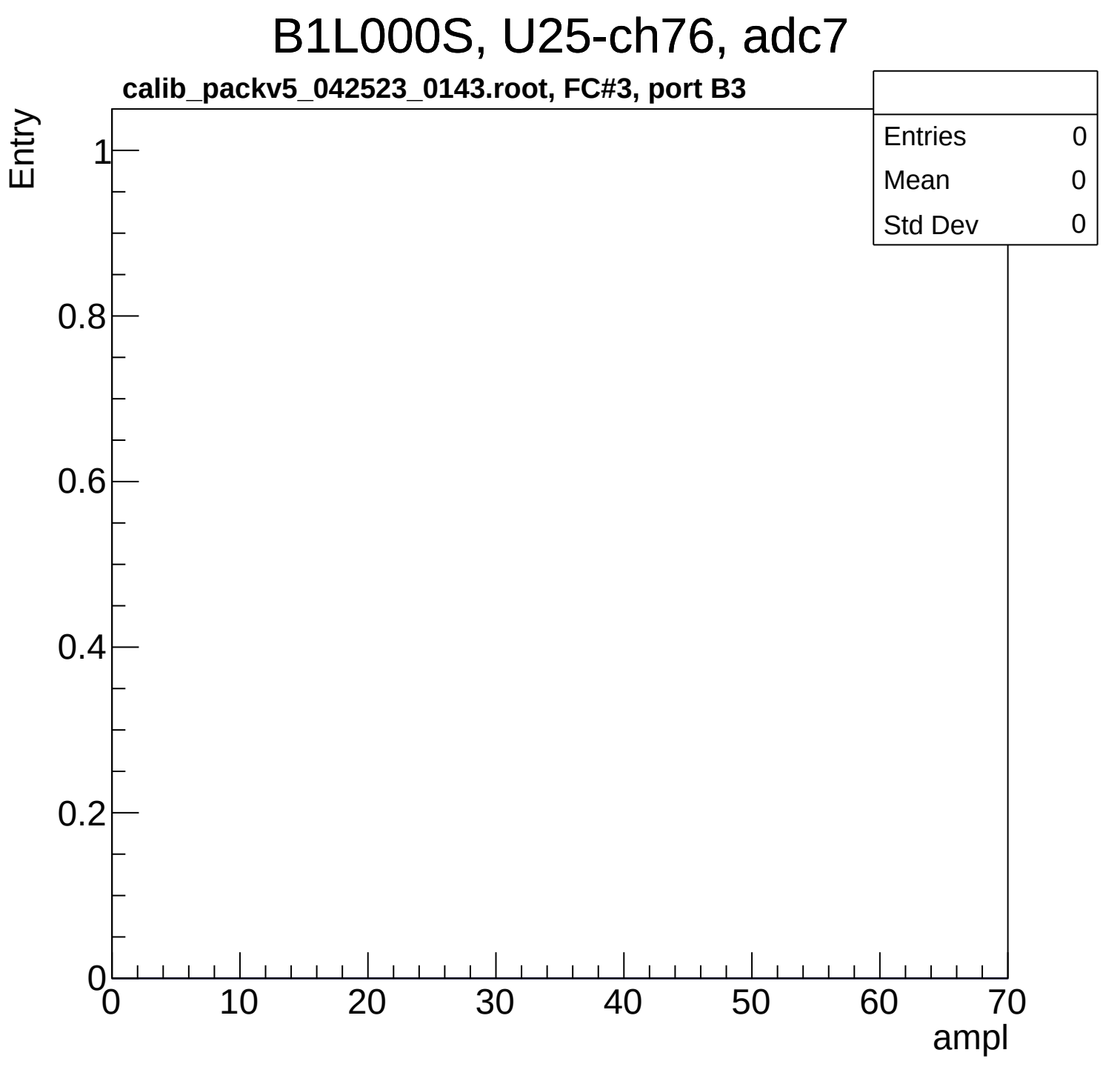
B1L000S, U25-ch76, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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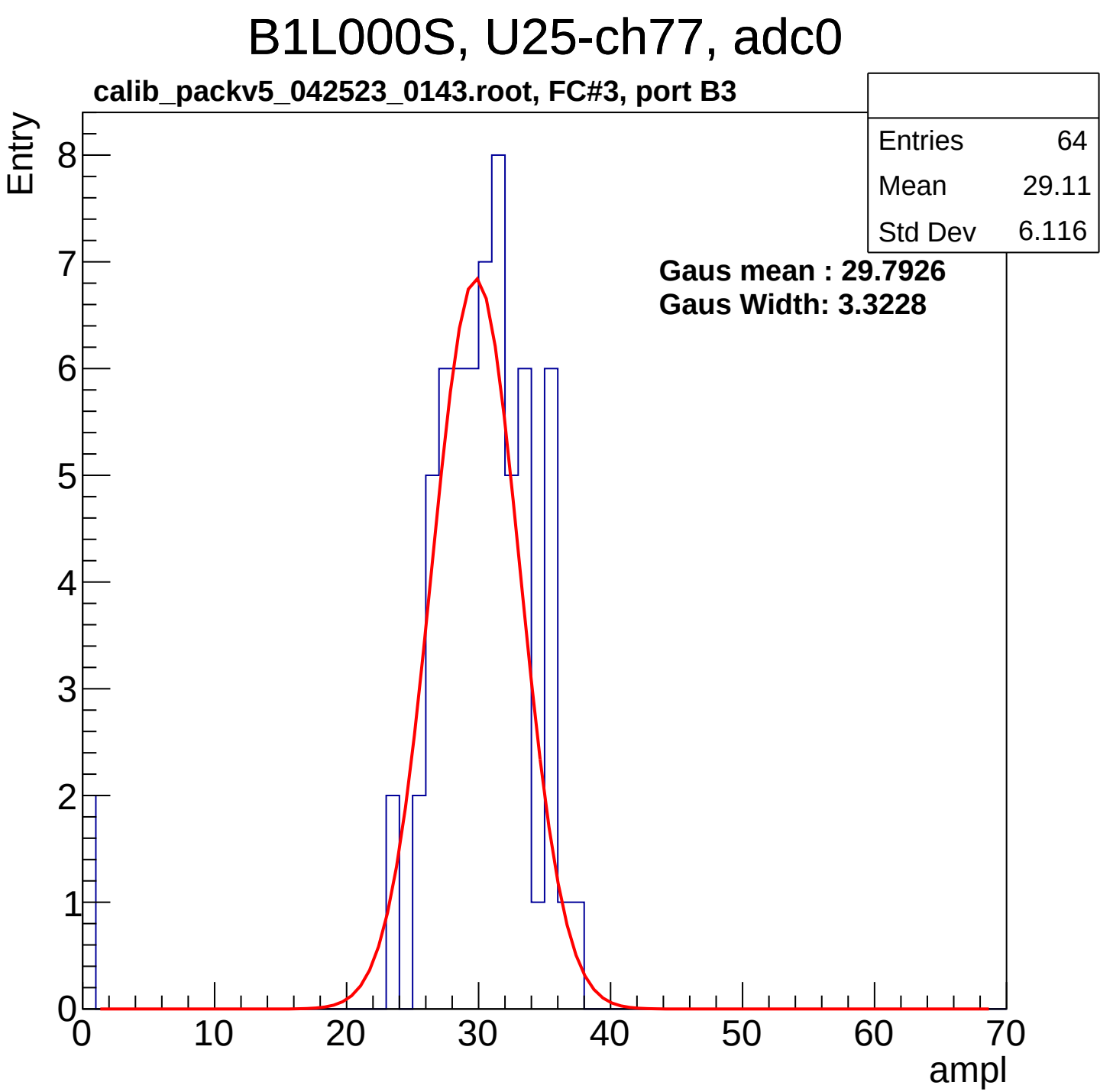
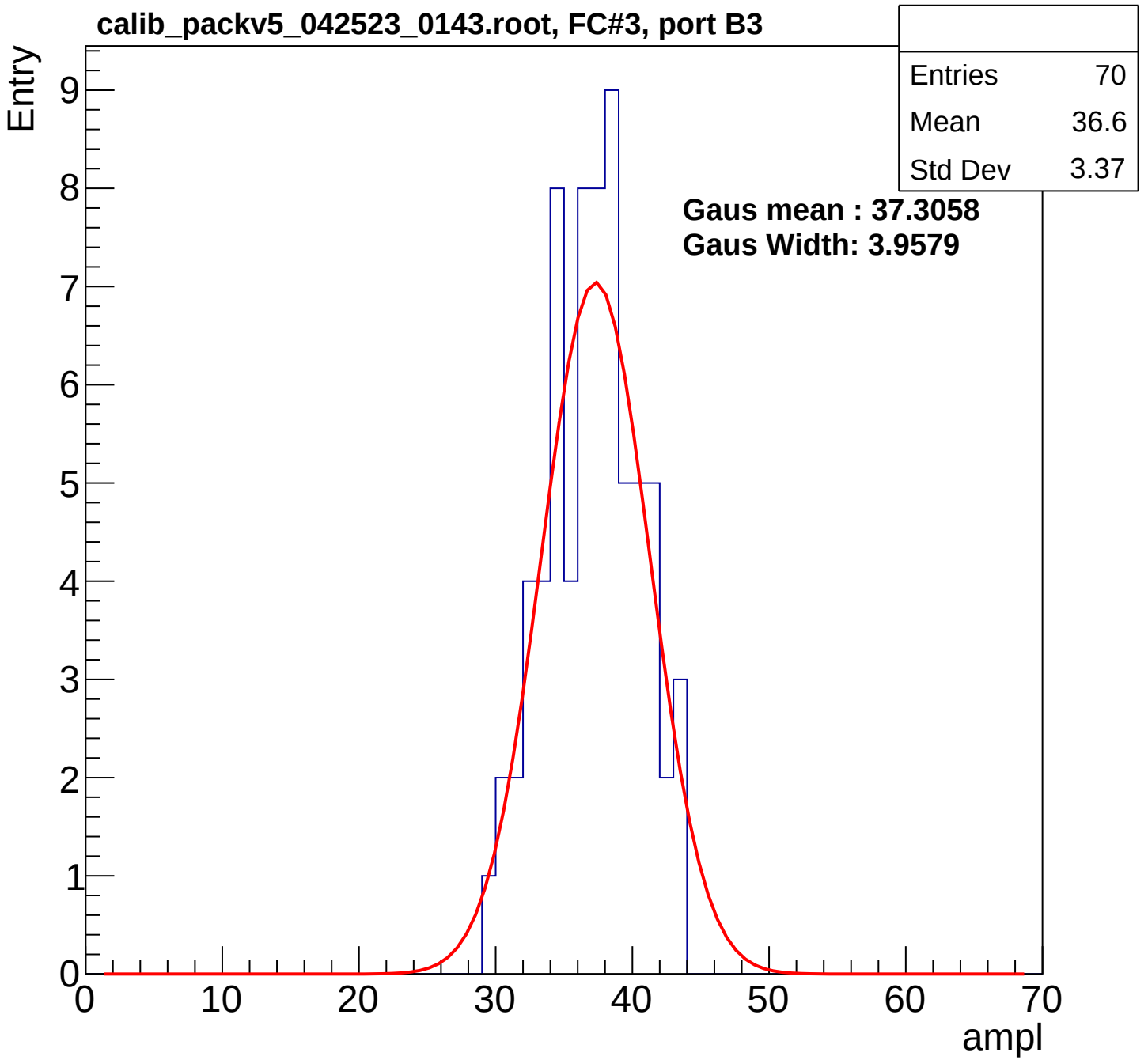
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch77, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 29.11
Std Dev 6.116
Gaus mean : 29.7926
Gaus Width: 3.3228
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch77, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 36.6
Std Dev 3.37
Gaus mean : 37.3058
Gaus Width: 3.9579
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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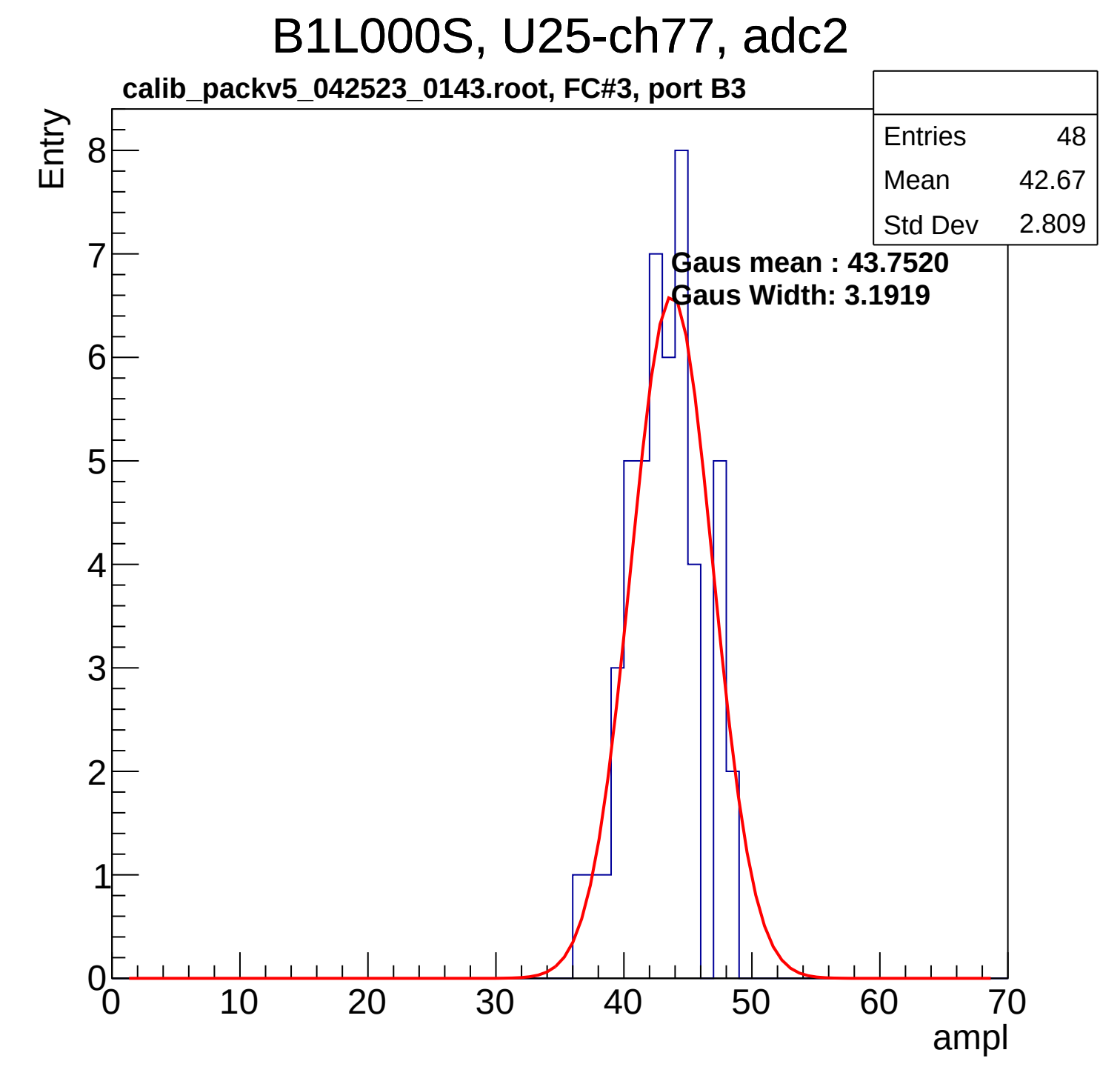
B1L000S, U25-ch77, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 42.67
Std Dev 2.809
Gaus mean : 43.7520
Gaus Width: 3.1919
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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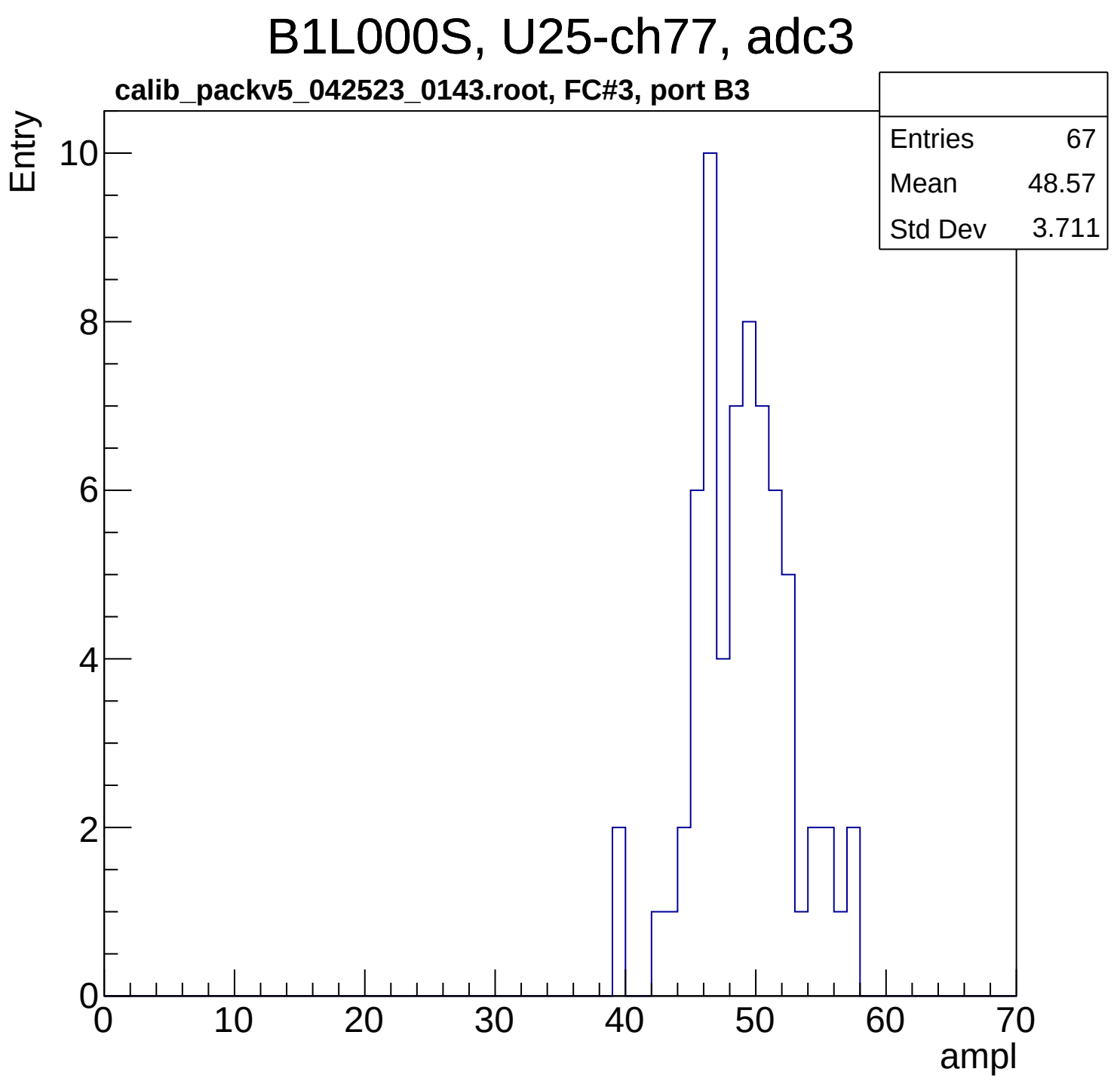
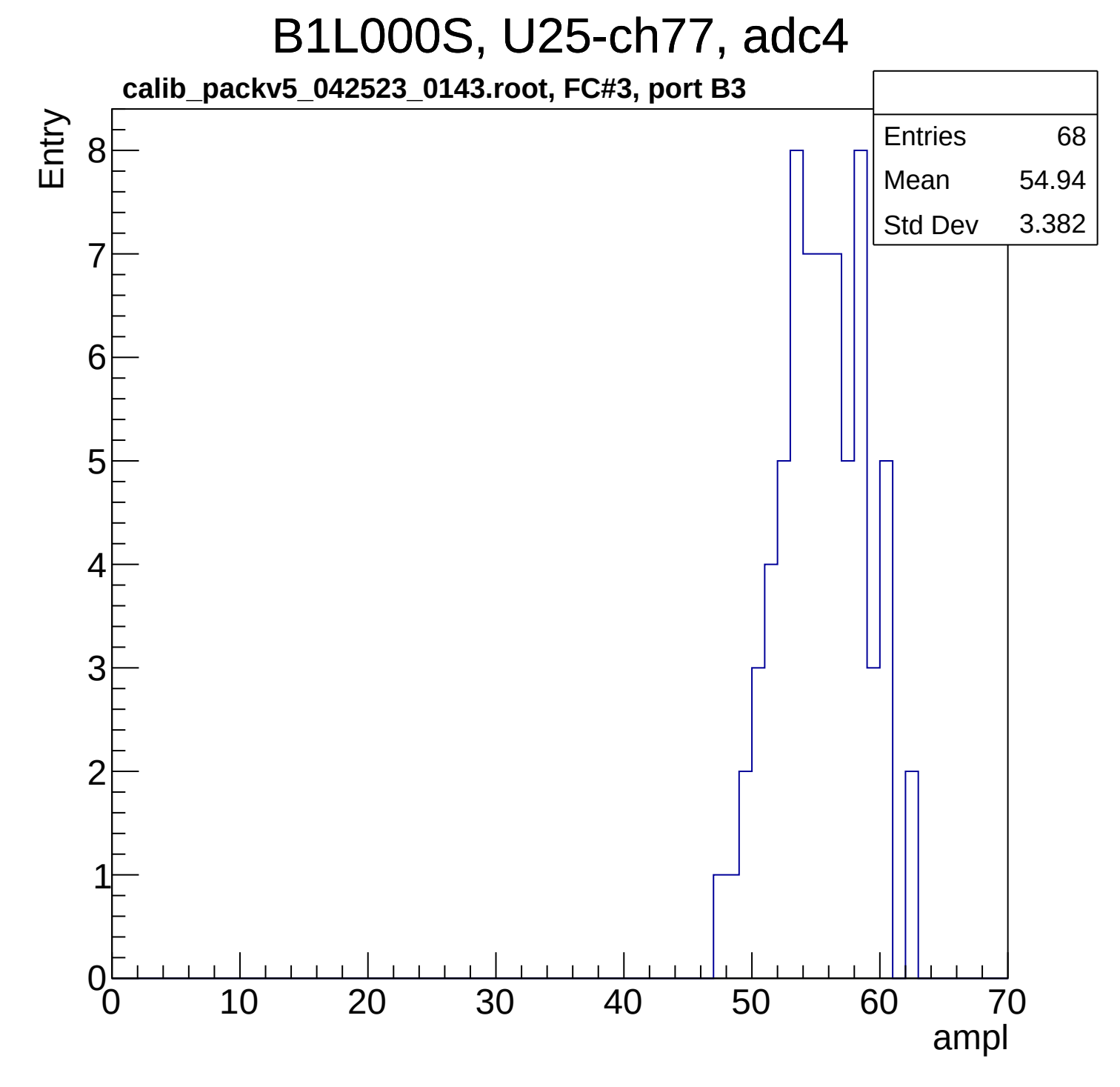
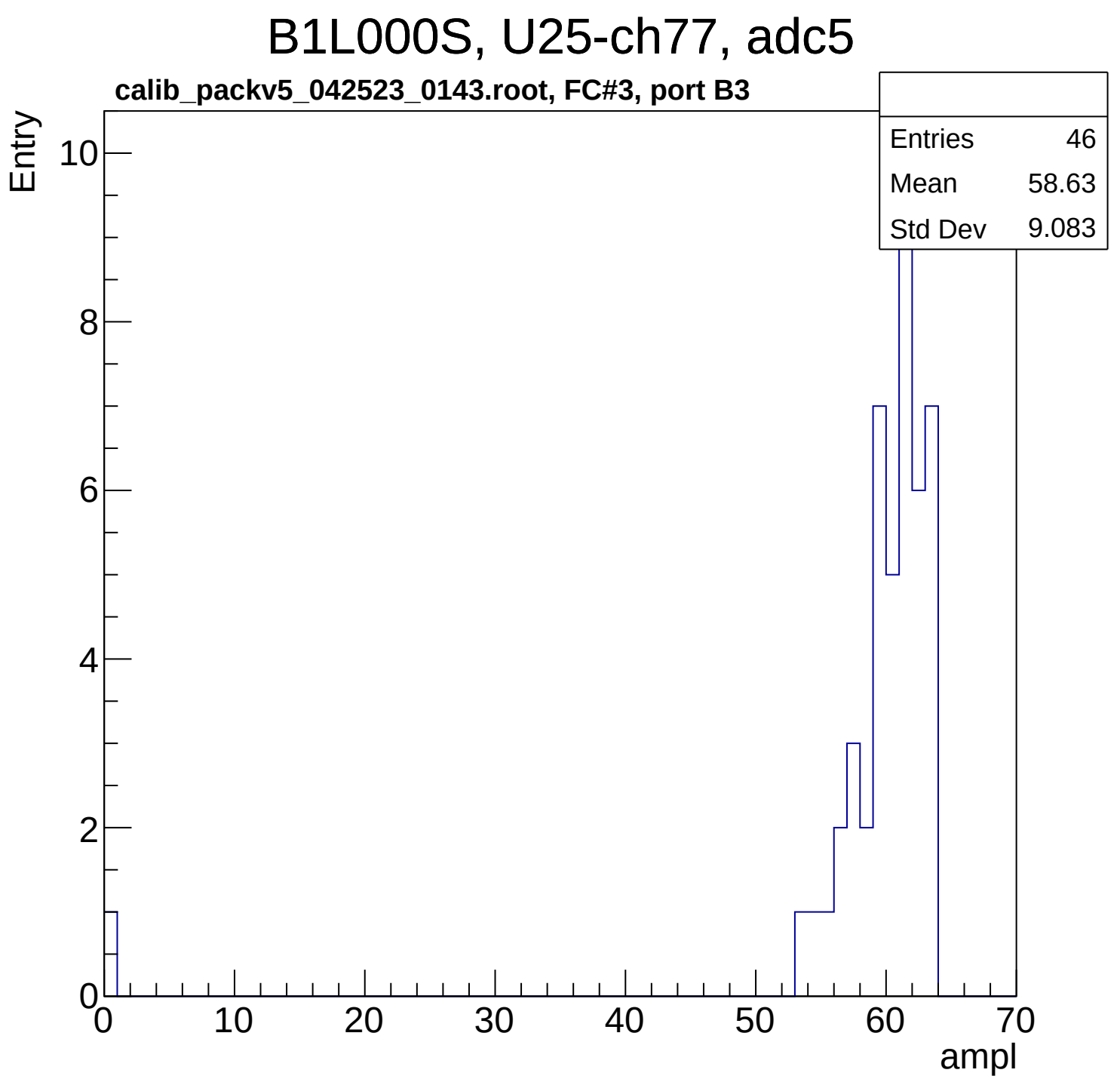
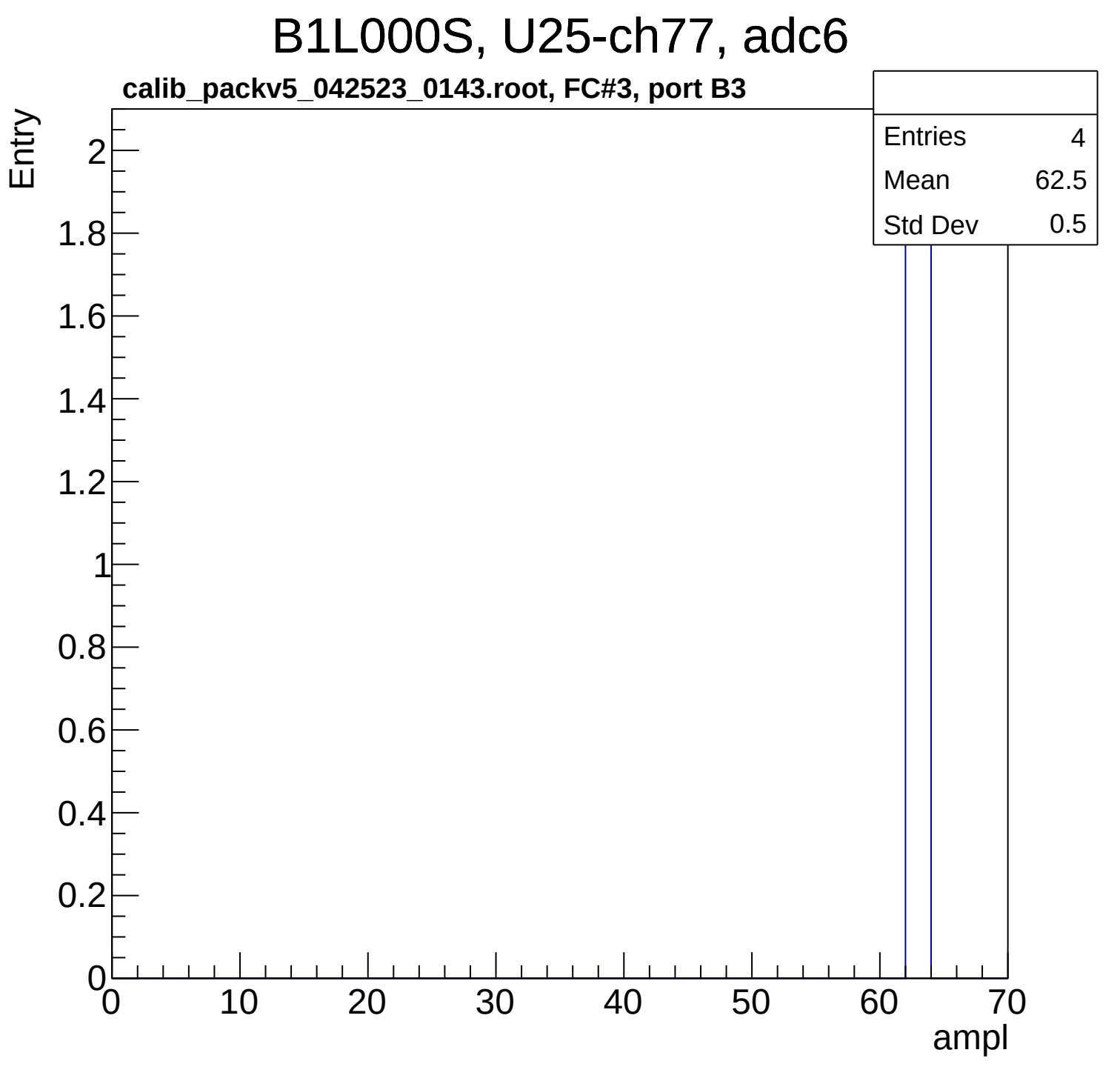
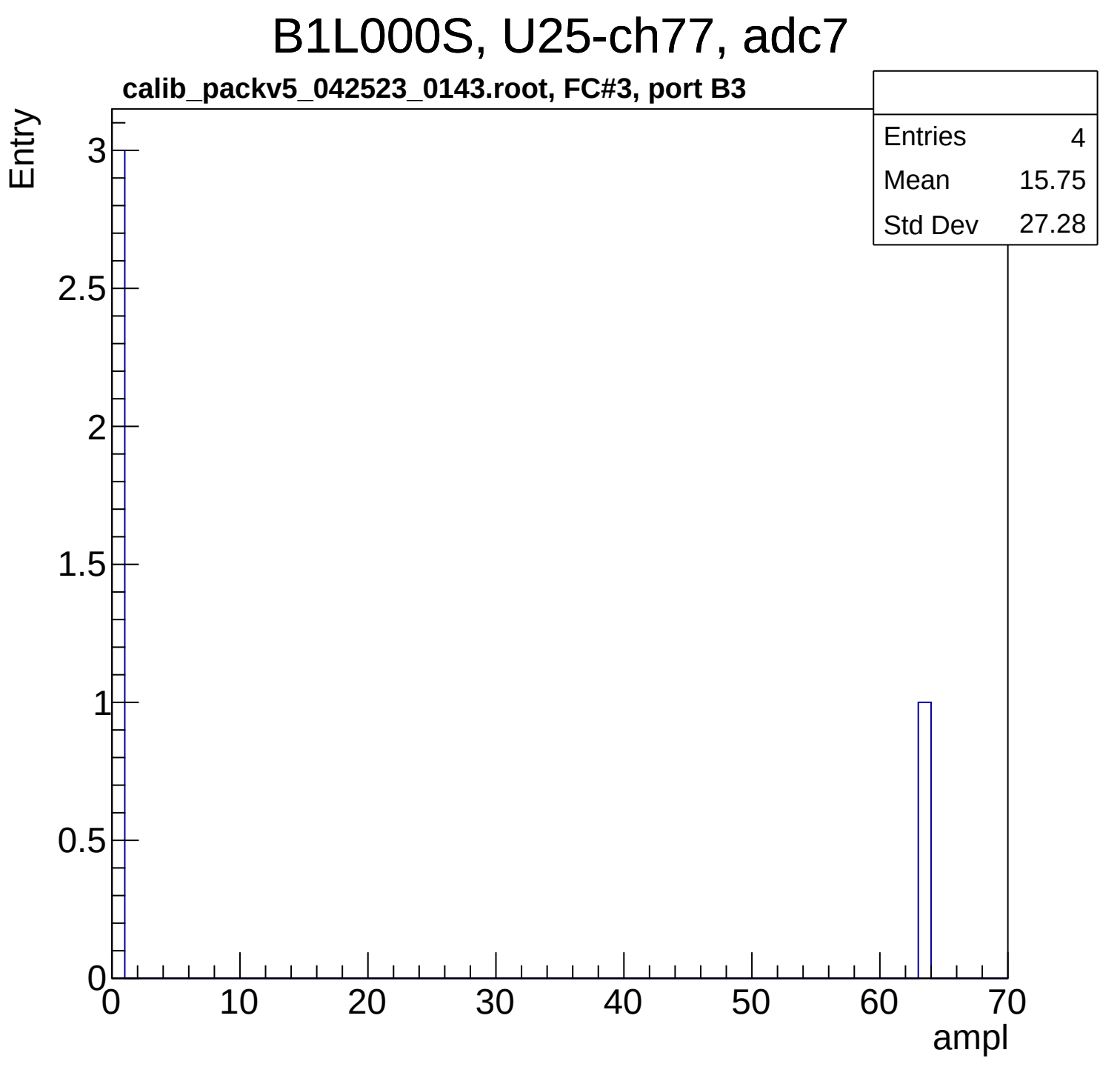
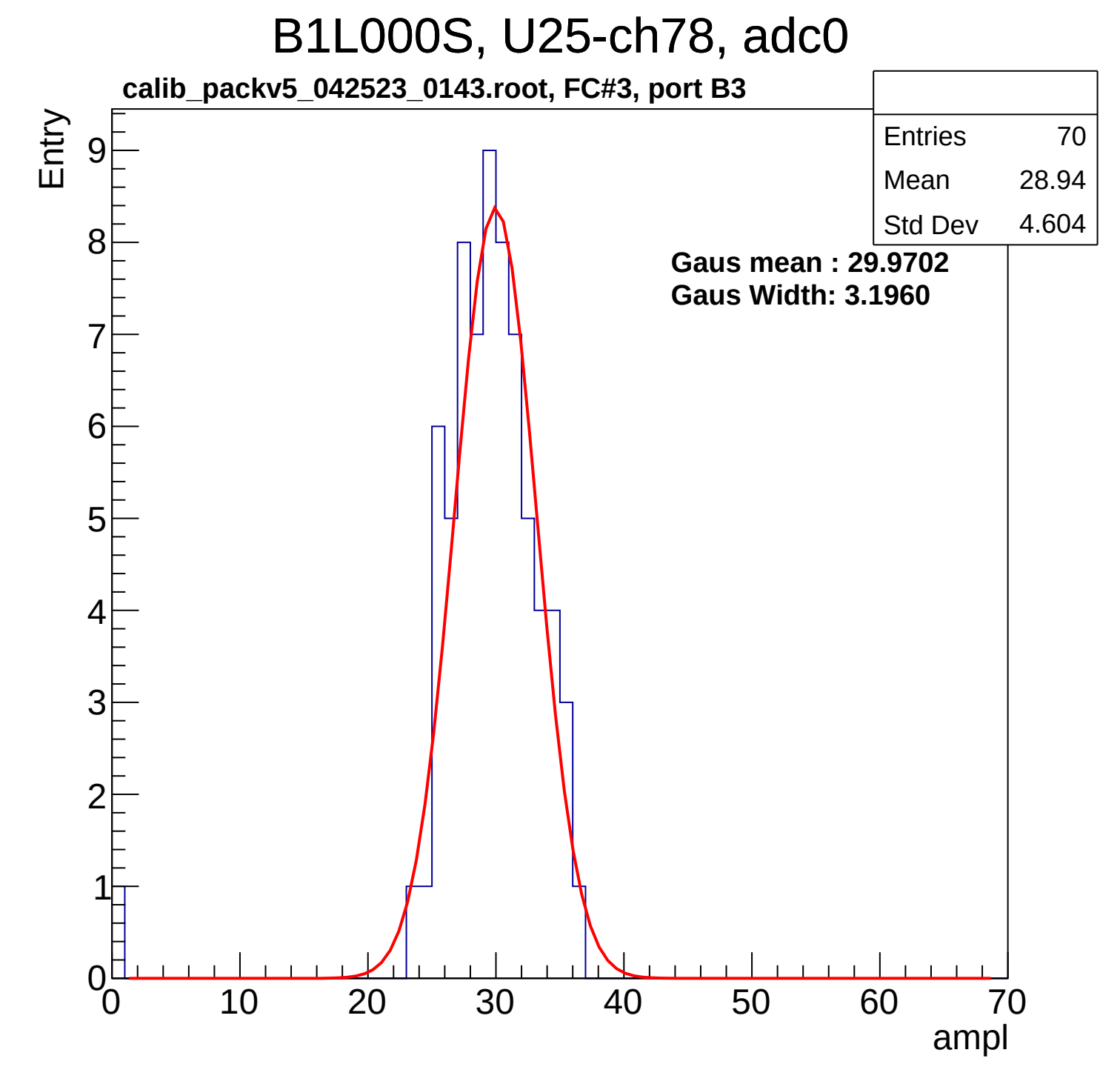

B1L000S, U25-ch77, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 48.57
Std Dev 3.711
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch77, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 54.94
Std Dev 3.382
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch77, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 58.63
Std Dev 9.083
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch77, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 62.5
Std Dev 0.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L000S, U25-ch77, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 15.75
Std Dev 27.28
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch78, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 28.94
Std Dev 4.604
Gaus mean : 29.9702
Gaus Width: 3.1960
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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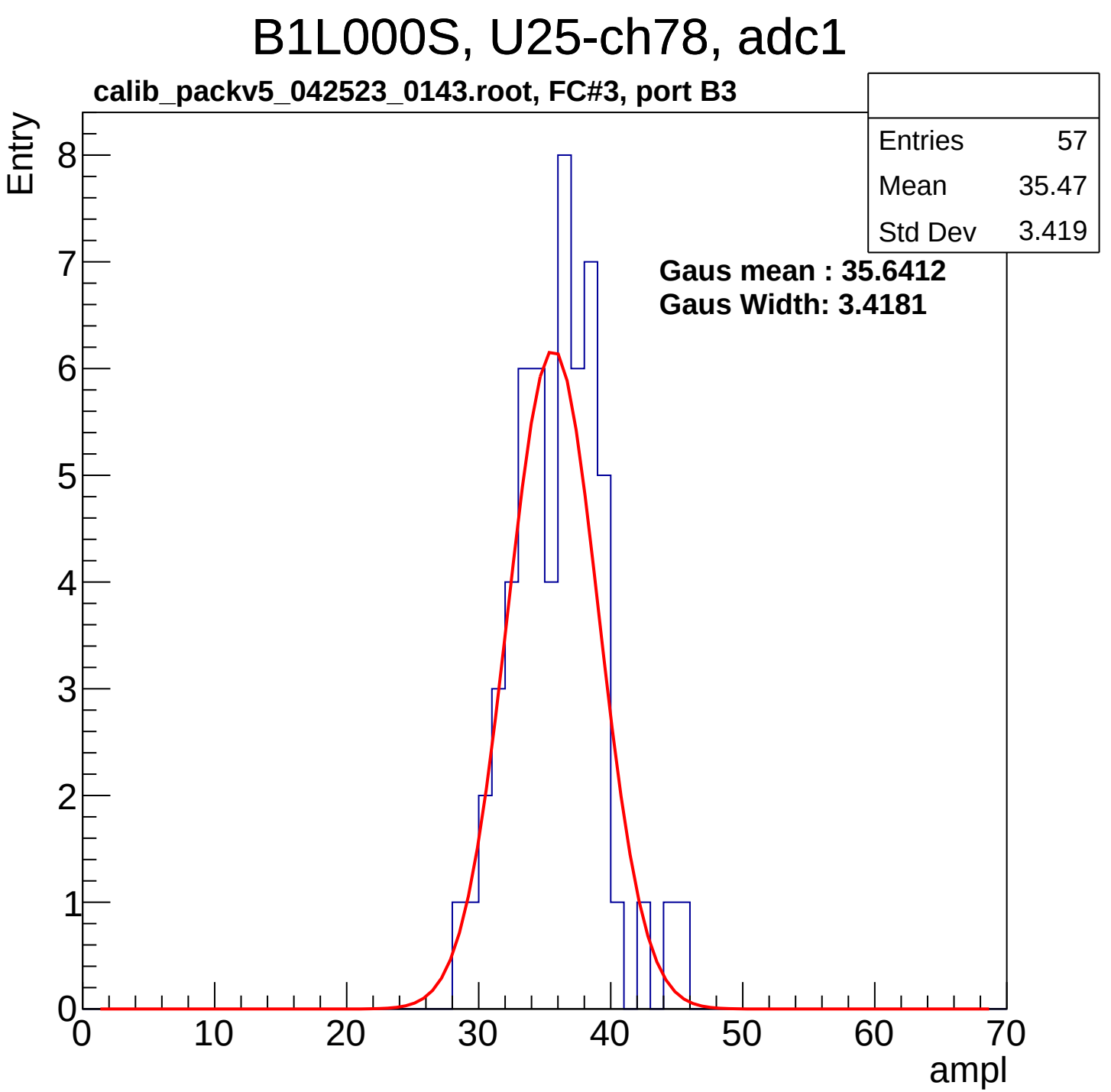
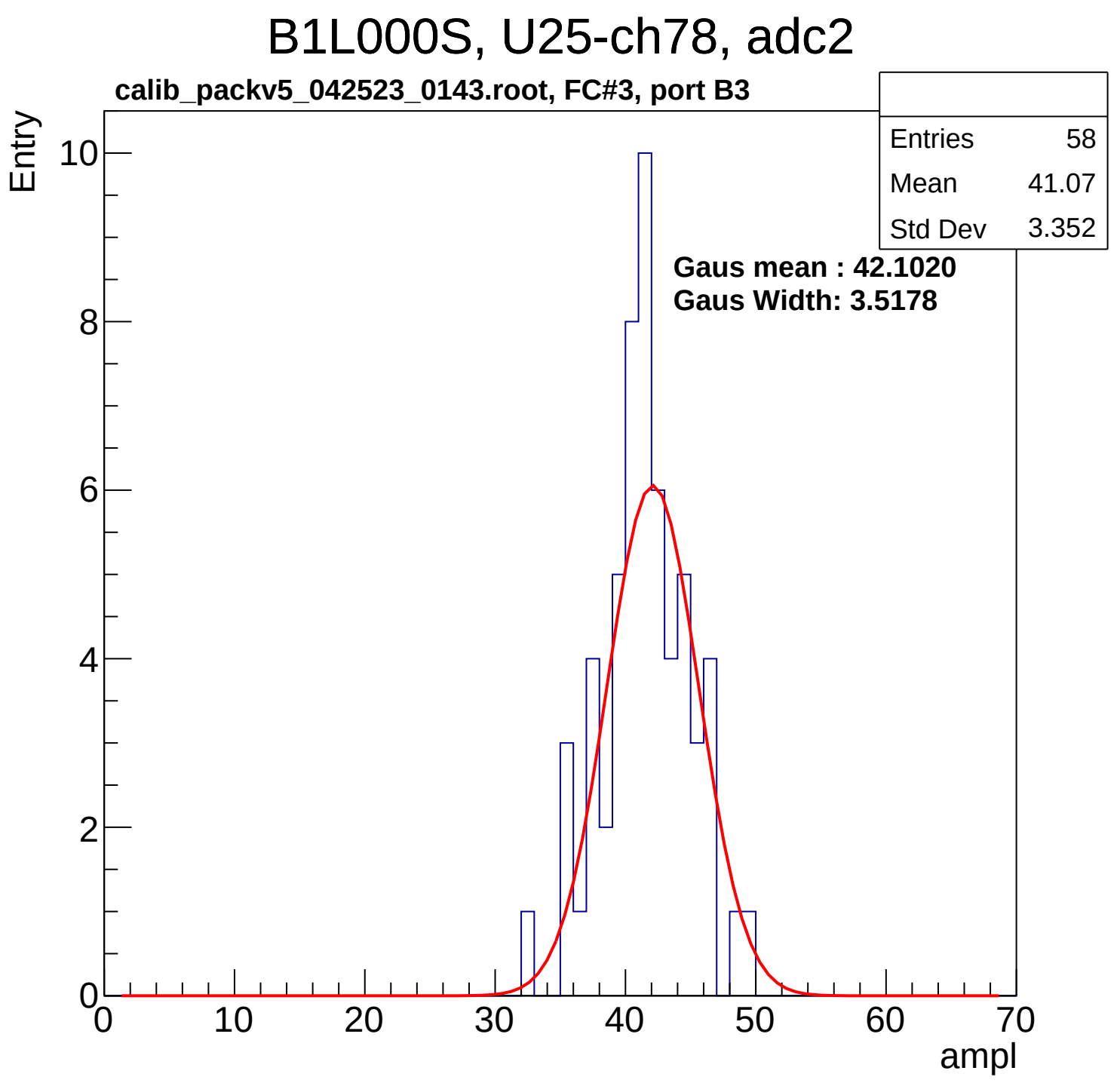
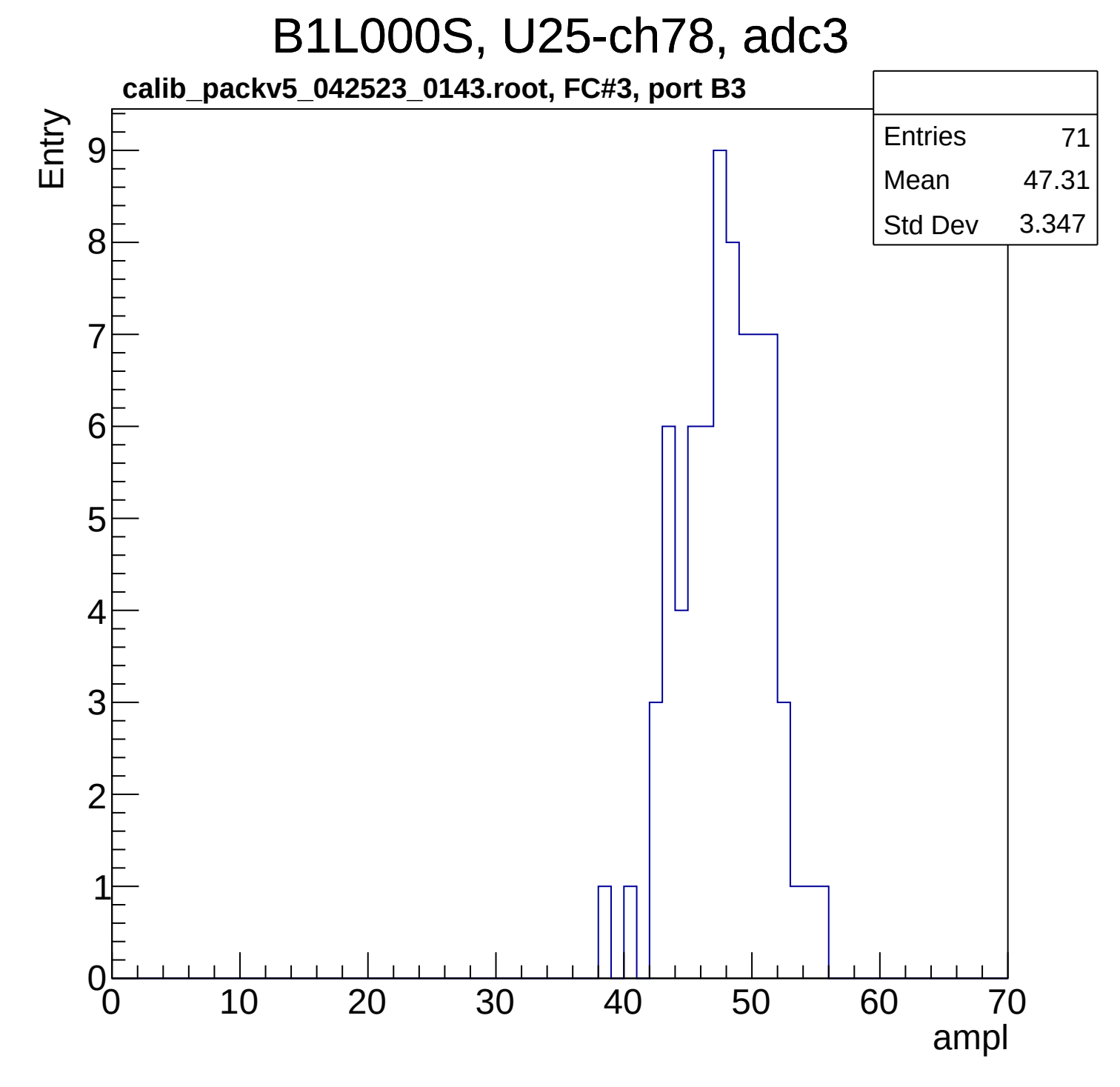

B1L000S, U25-ch78, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 35.47
Std Dev 3.419
Gaus mean : 35.6412
Gaus Width: 3.4181
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch78, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 41.07
Std Dev 3.352
Gaus mean : 42.1020
Gaus Width: 3.5178
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch78, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 47.31
Std Dev 3.347
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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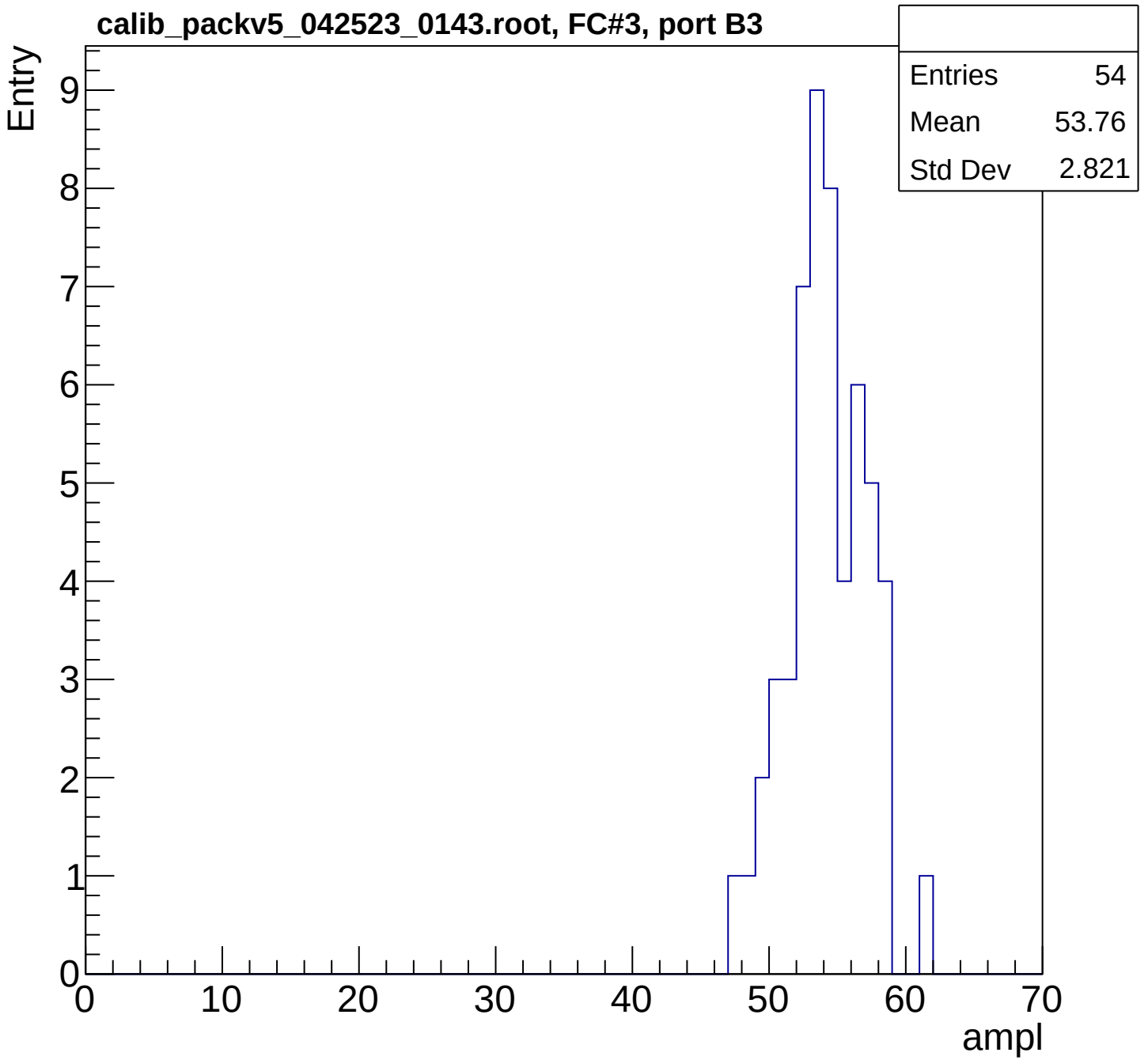
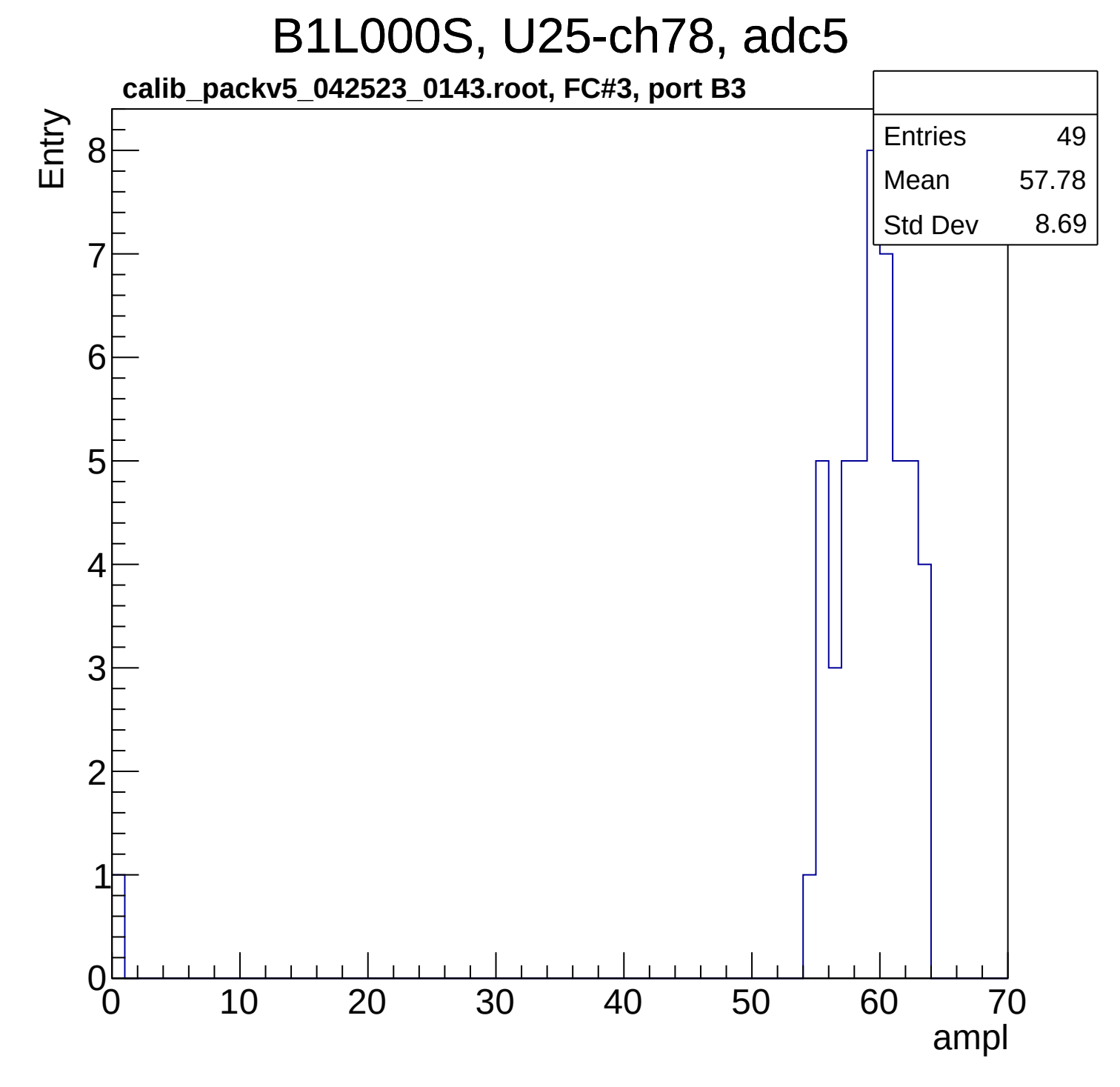

B1L000S, U25-ch78, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 53.76
Std Dev 2.821
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch78, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 57.78
Std Dev 8.69
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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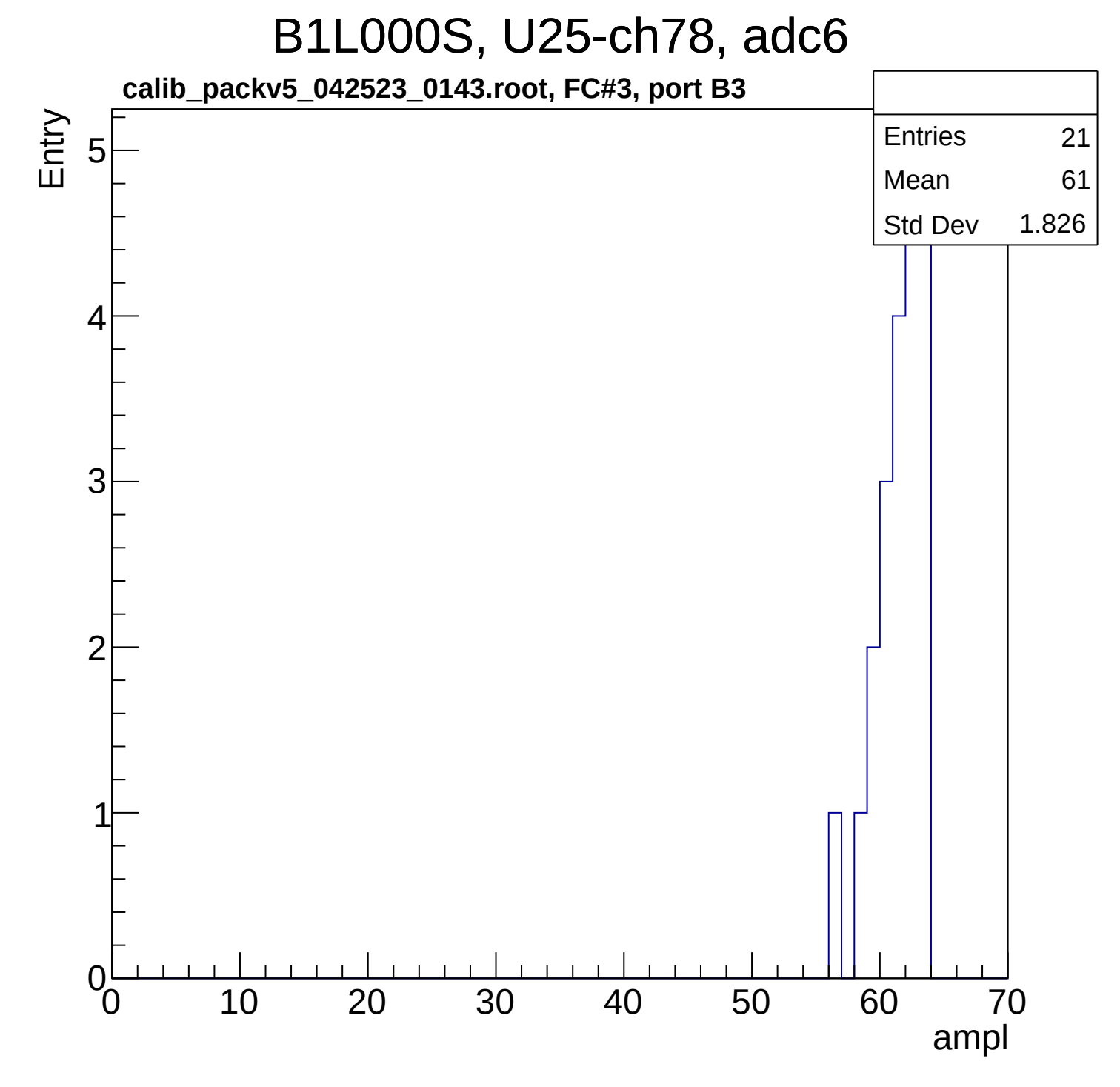
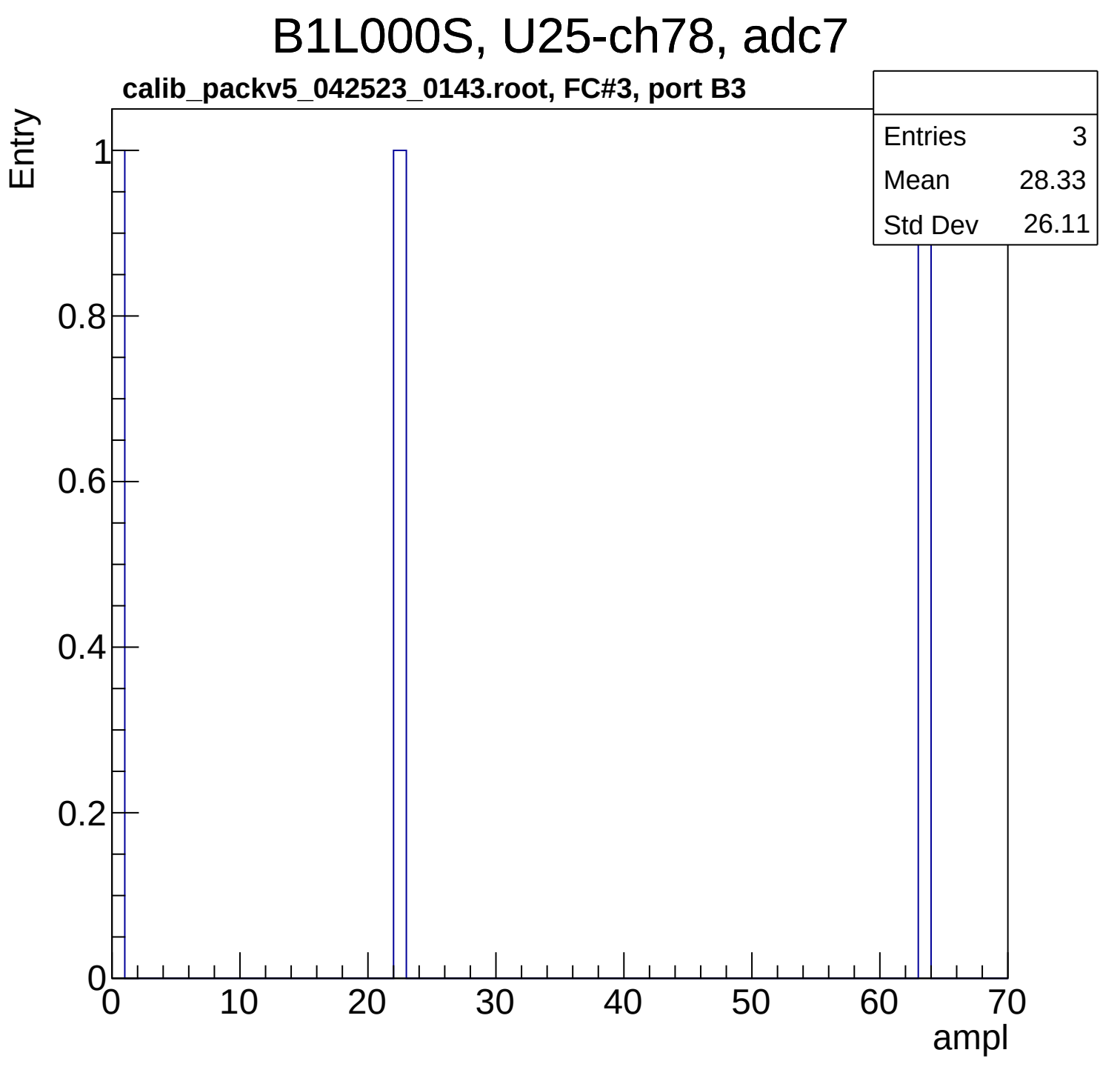

B1L000S, U25-ch78, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 21
Mean 61
Std Dev 1.826
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch78, 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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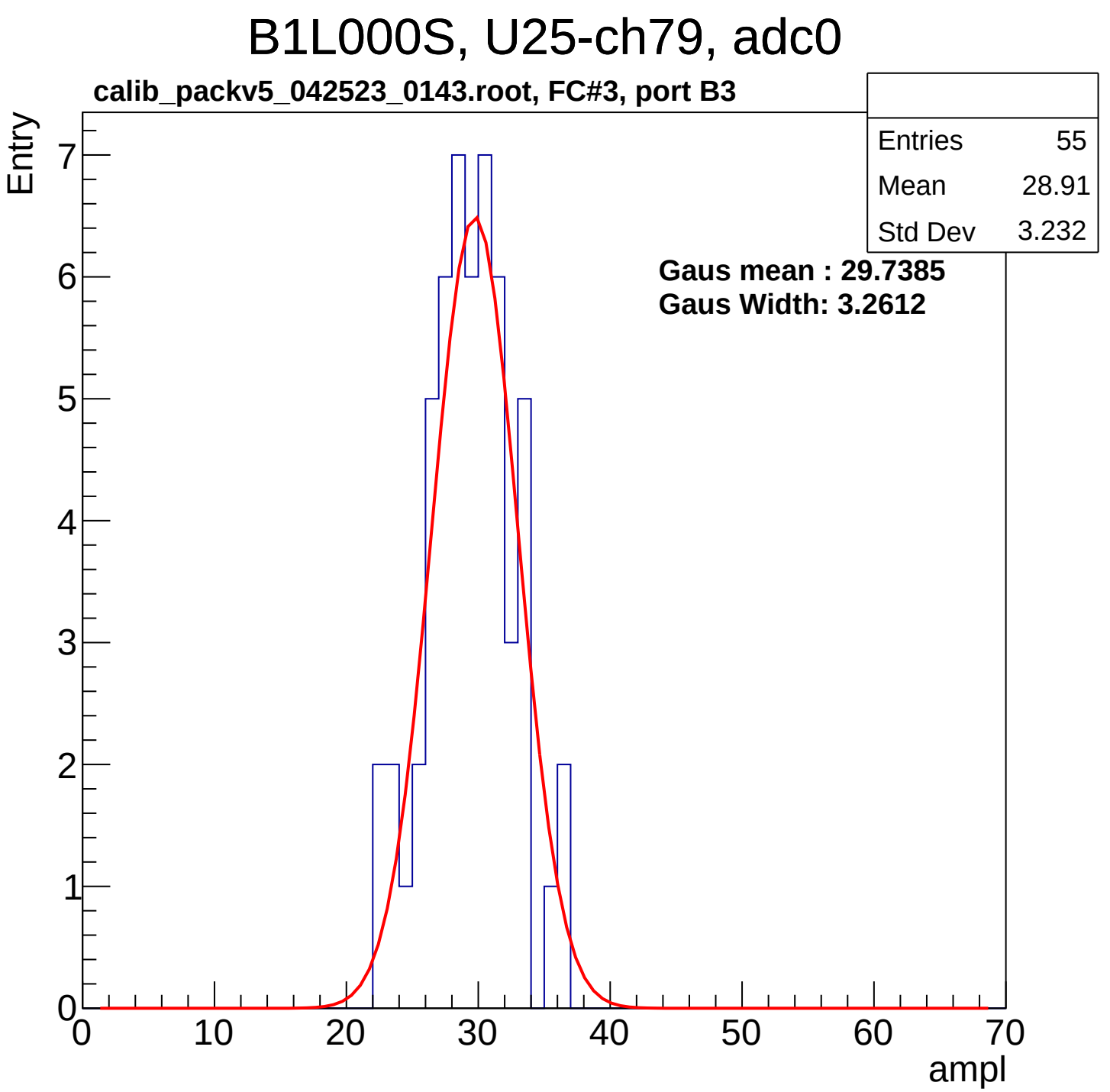
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L000S, U25-ch79, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 28.91
Std Dev 3.232
Gaus mean : 29.7385
Gaus Width: 3.2612
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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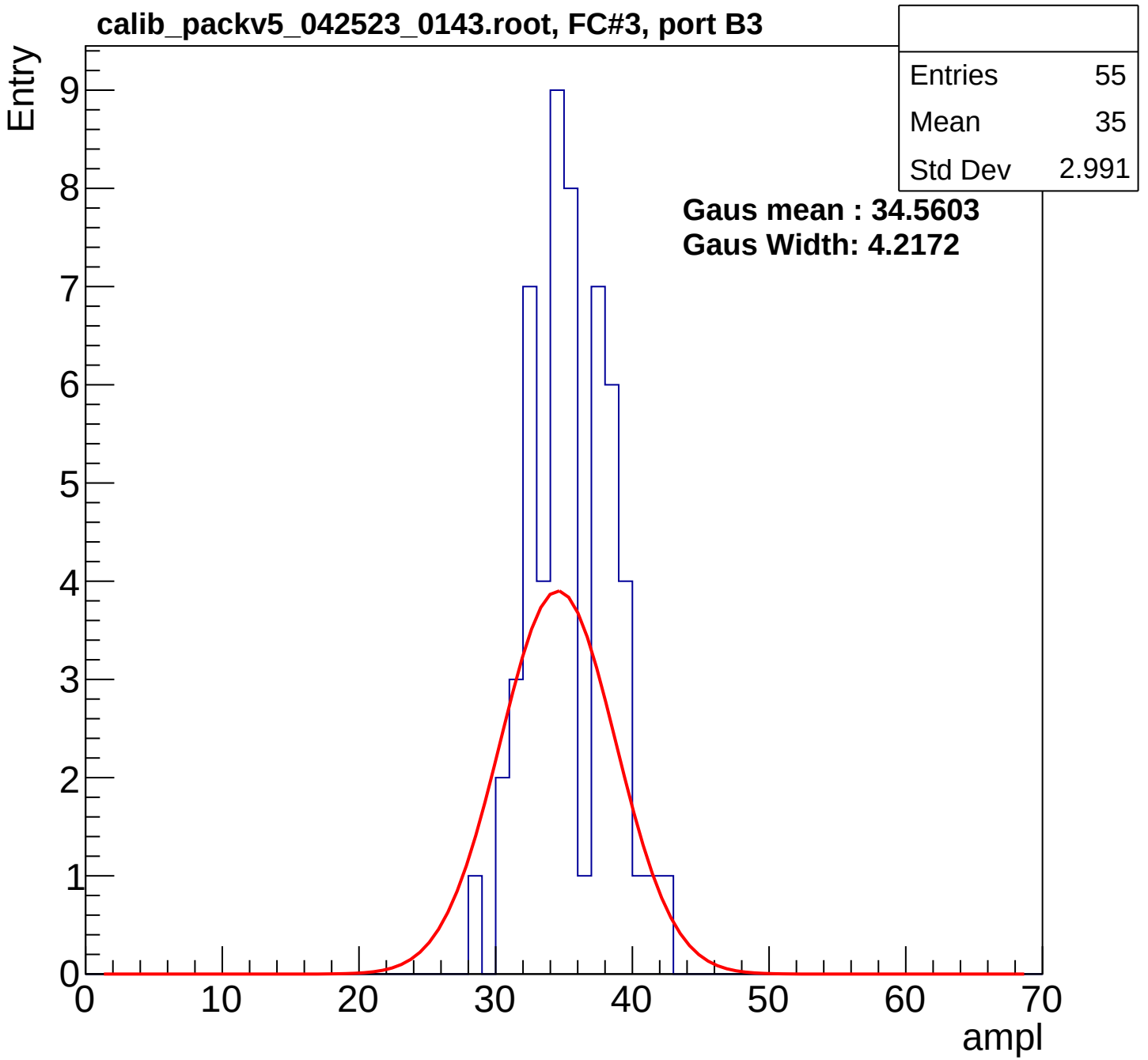
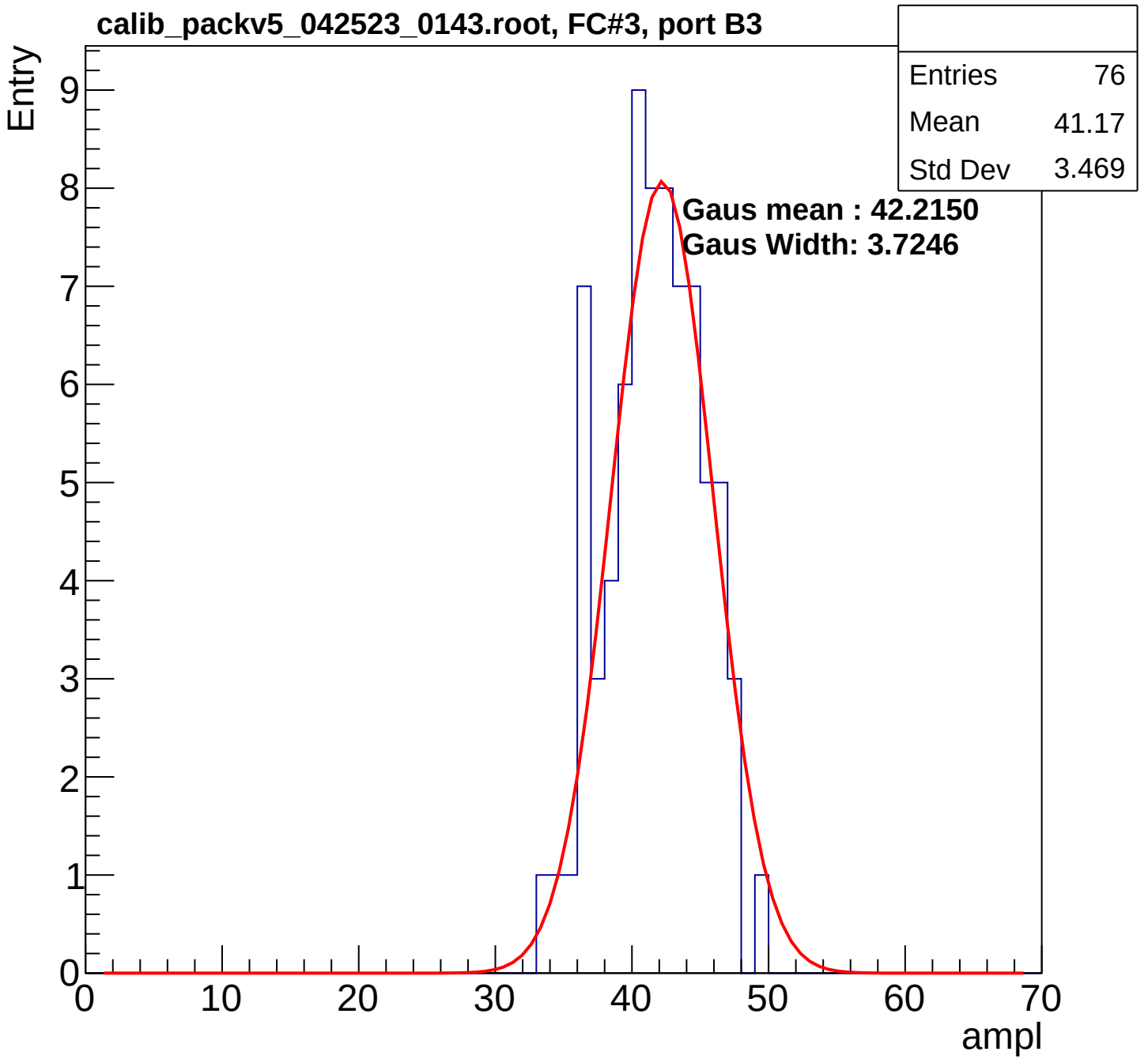

B1L000S, U25-ch79, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 35
Std Dev 2.991
Gaus mean : 34.5603
Gaus Width: 4.2172
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch79, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 41.17
Std Dev 3.469
Gaus mean : 42.2150
Gaus Width: 3.7246
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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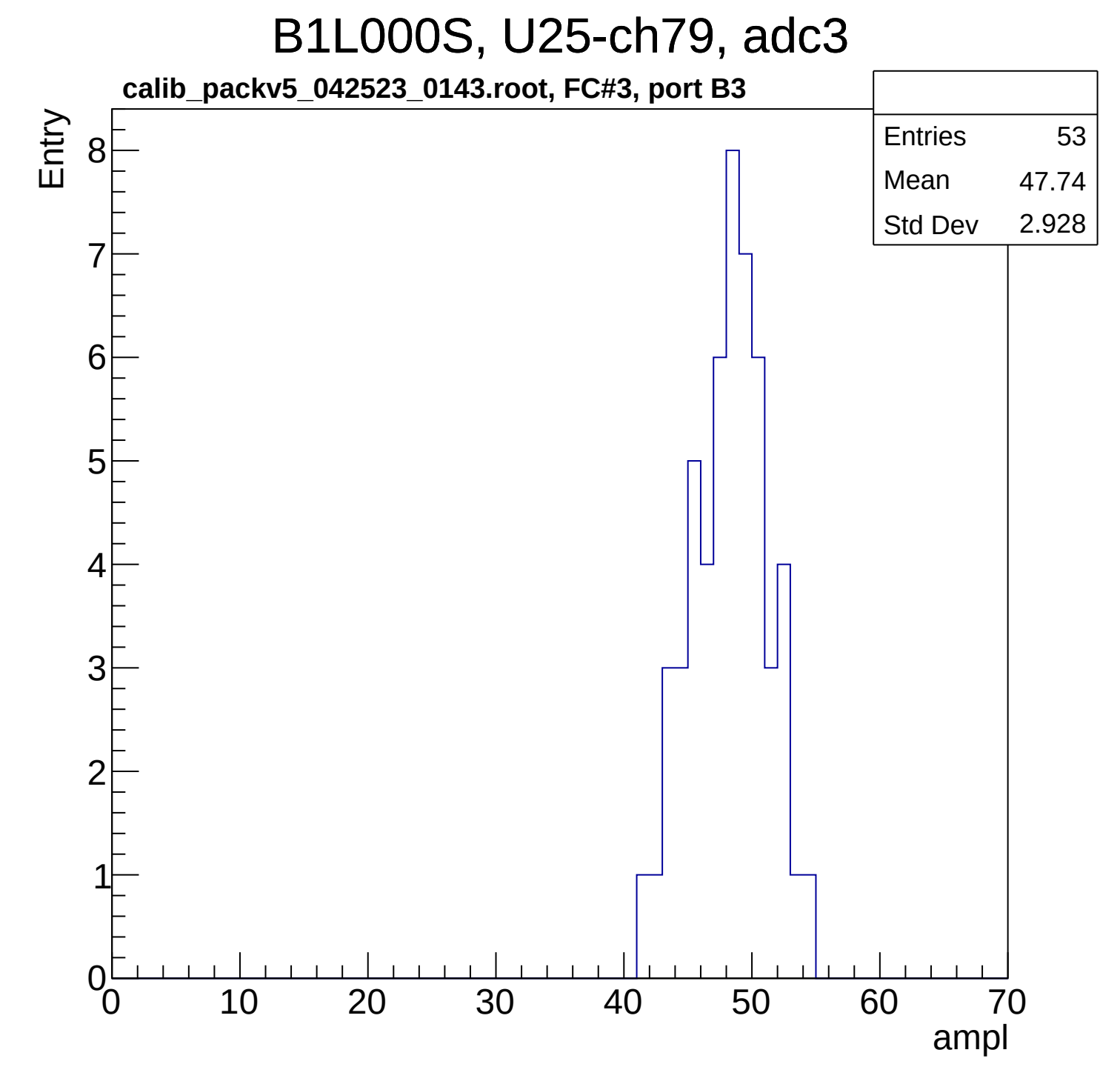
B1L000S, U25-ch79, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 47.74
Std Dev 2.928
Entry
ampl
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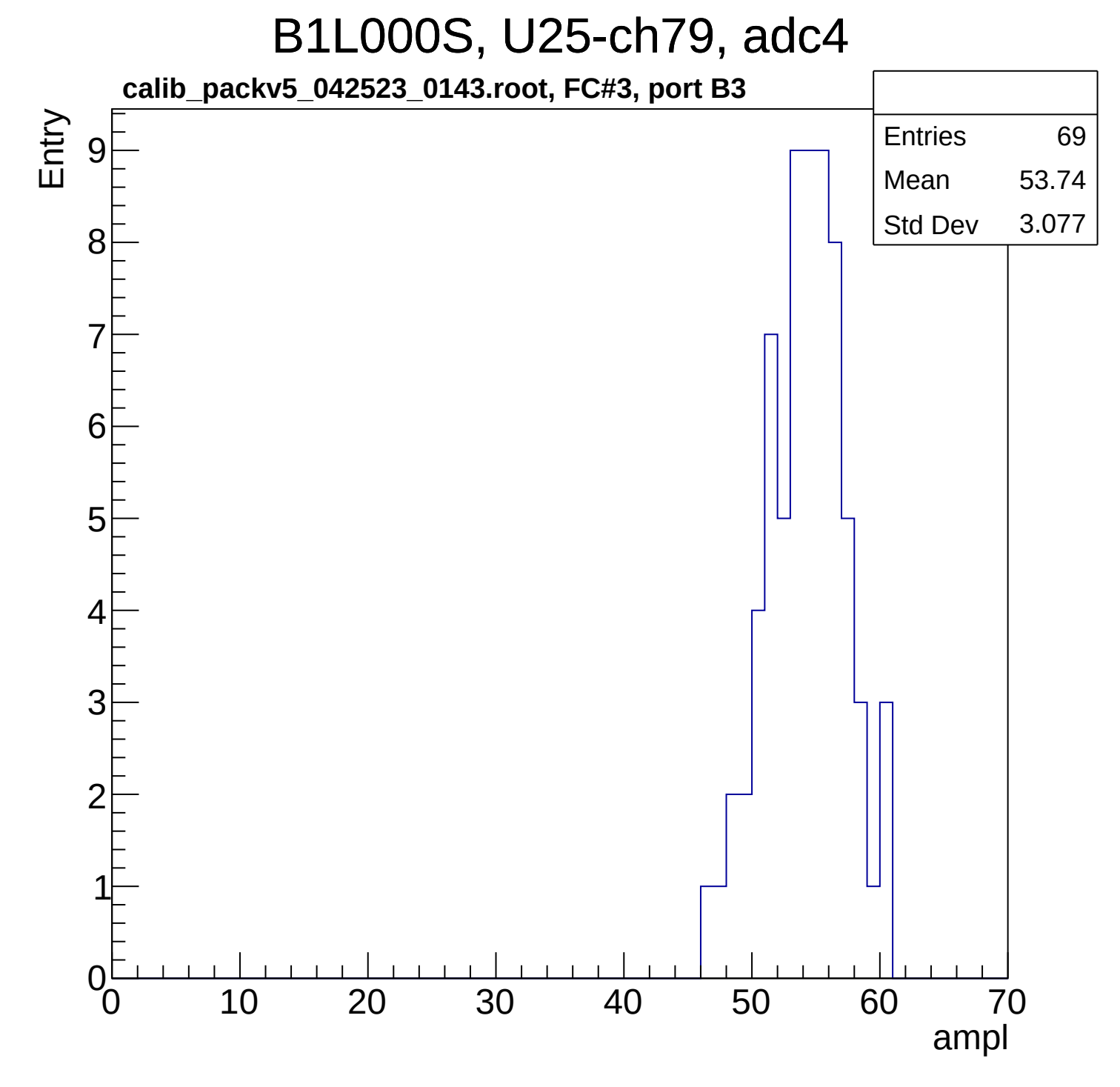
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch79, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 53.74
Std Dev 3.077
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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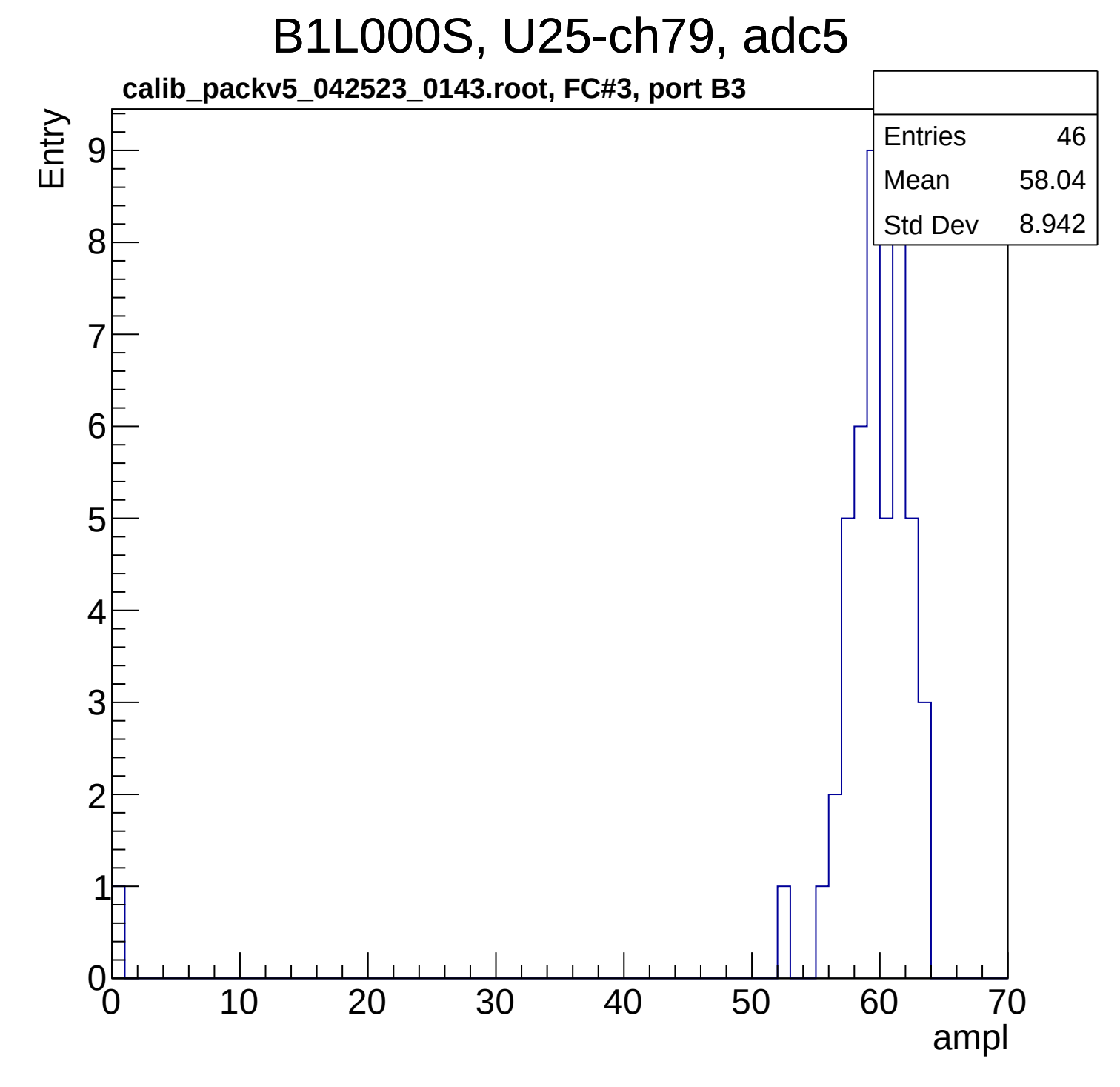
B1L000S, U25-ch79, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 58.04
Std Dev 8.942
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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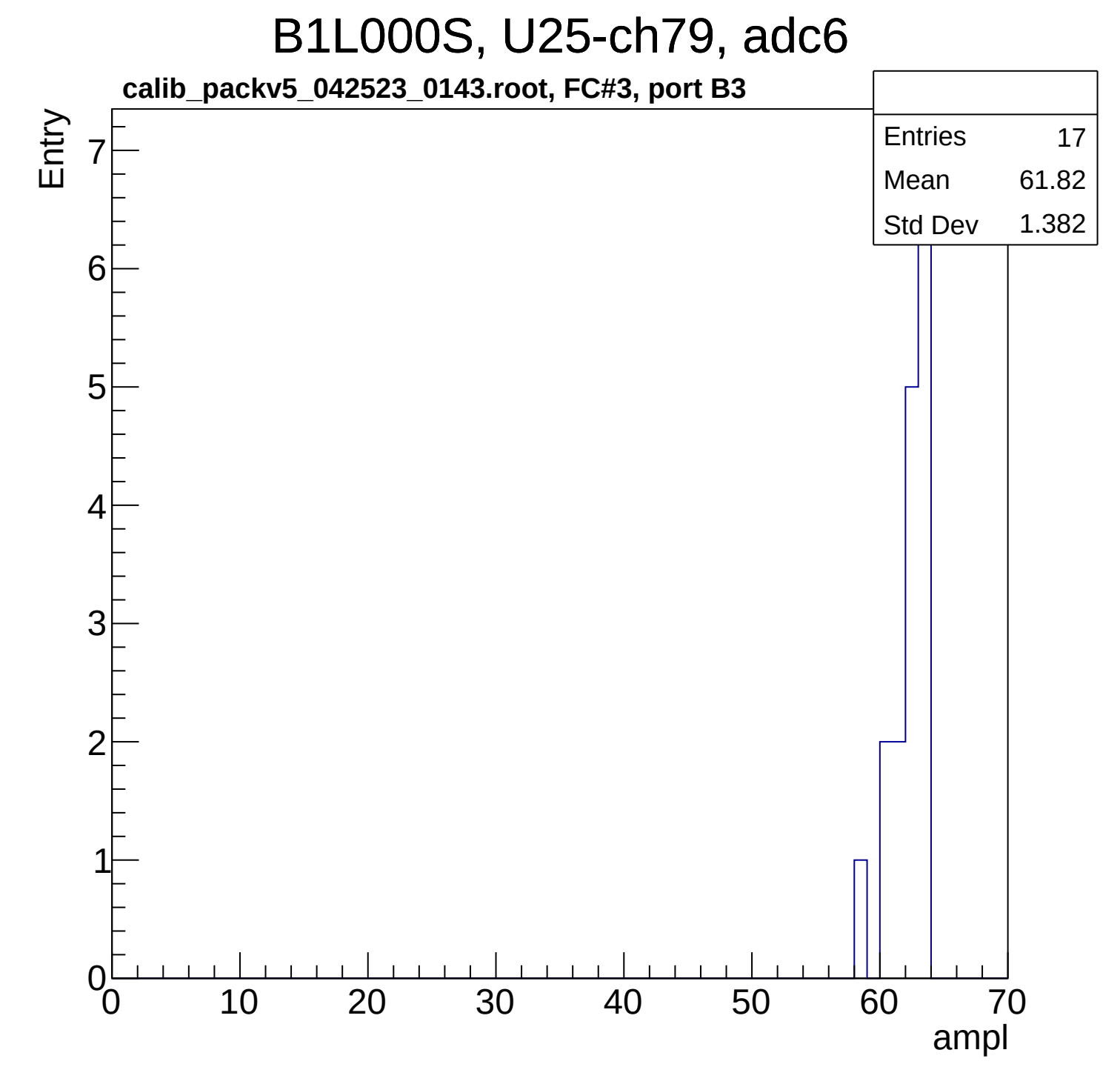
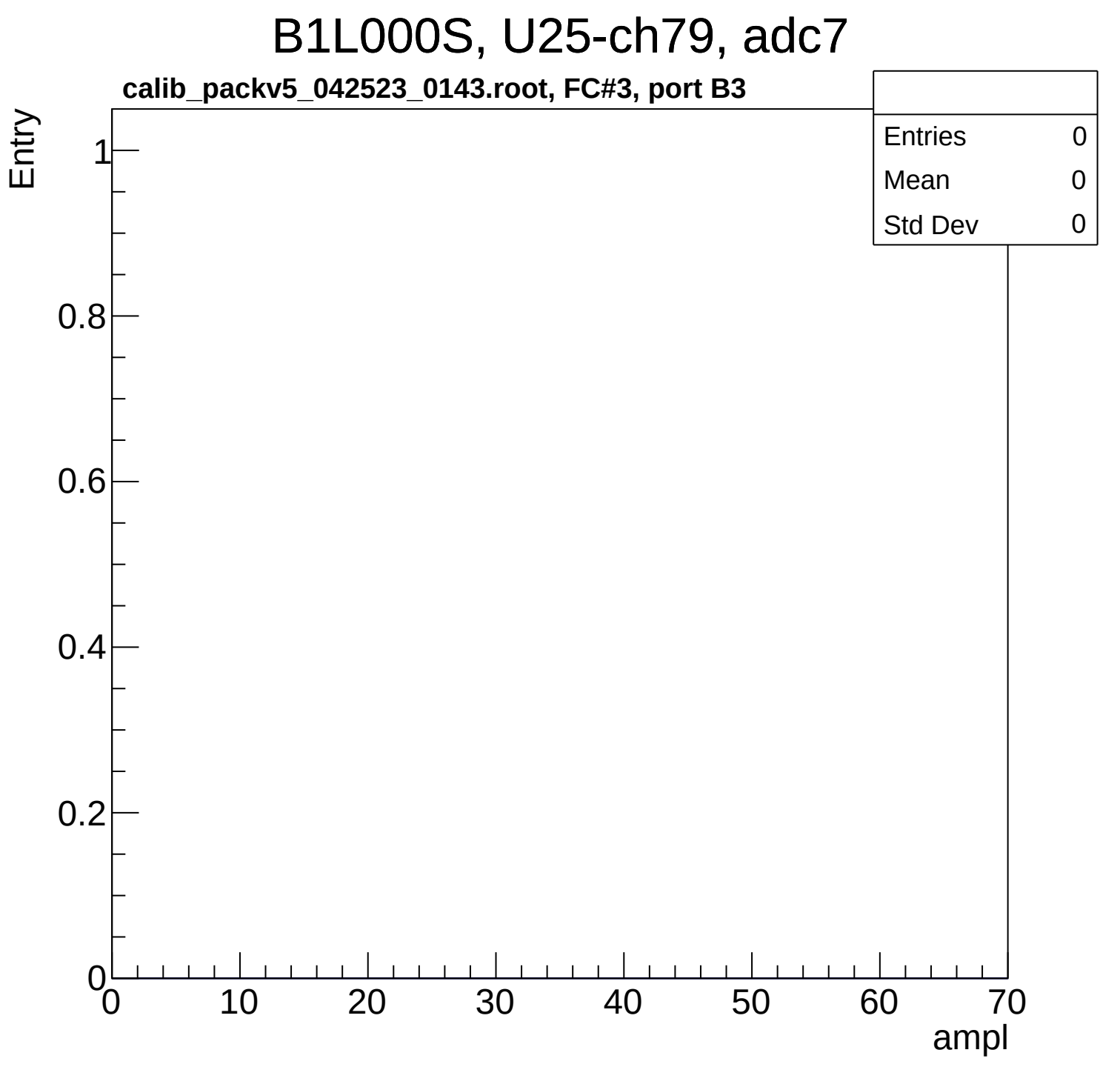
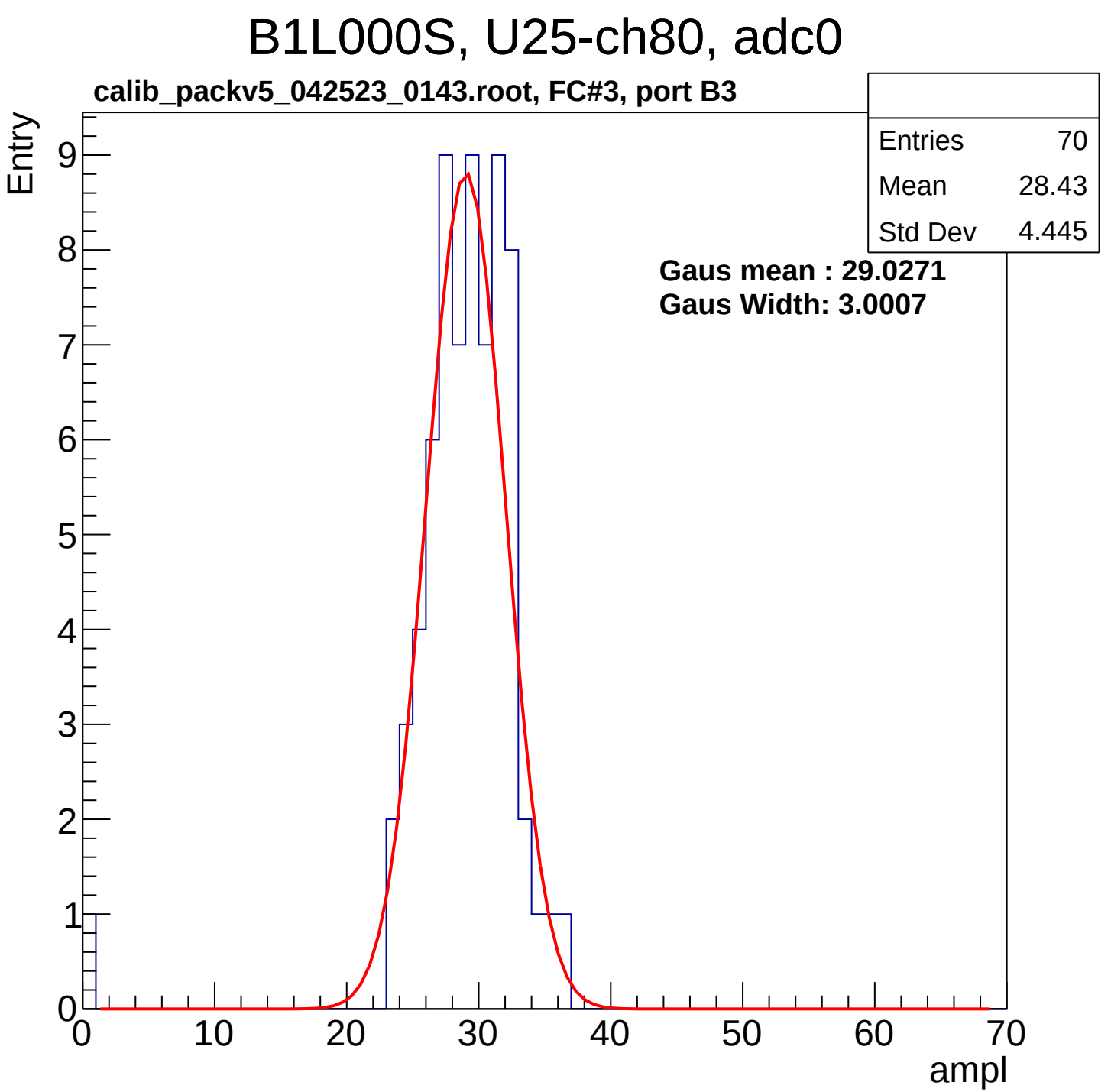

B1L000S, U25-ch79, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 61.82
Std Dev 1.382
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U25-ch79, 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, U25-ch80, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 28.43
Std Dev 4.445
Gaus mean : 29.0271
Gaus Width: 3.0007
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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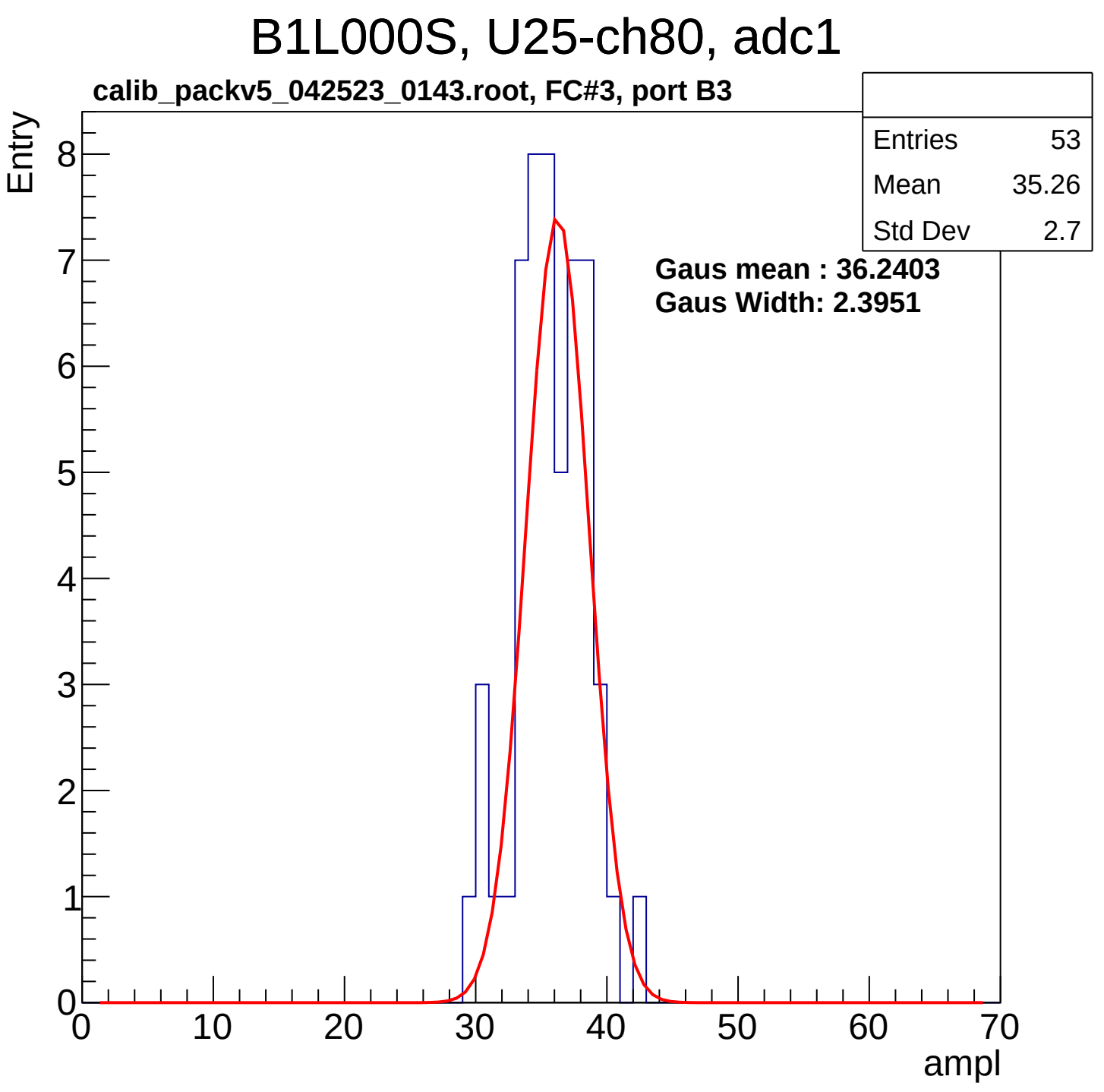
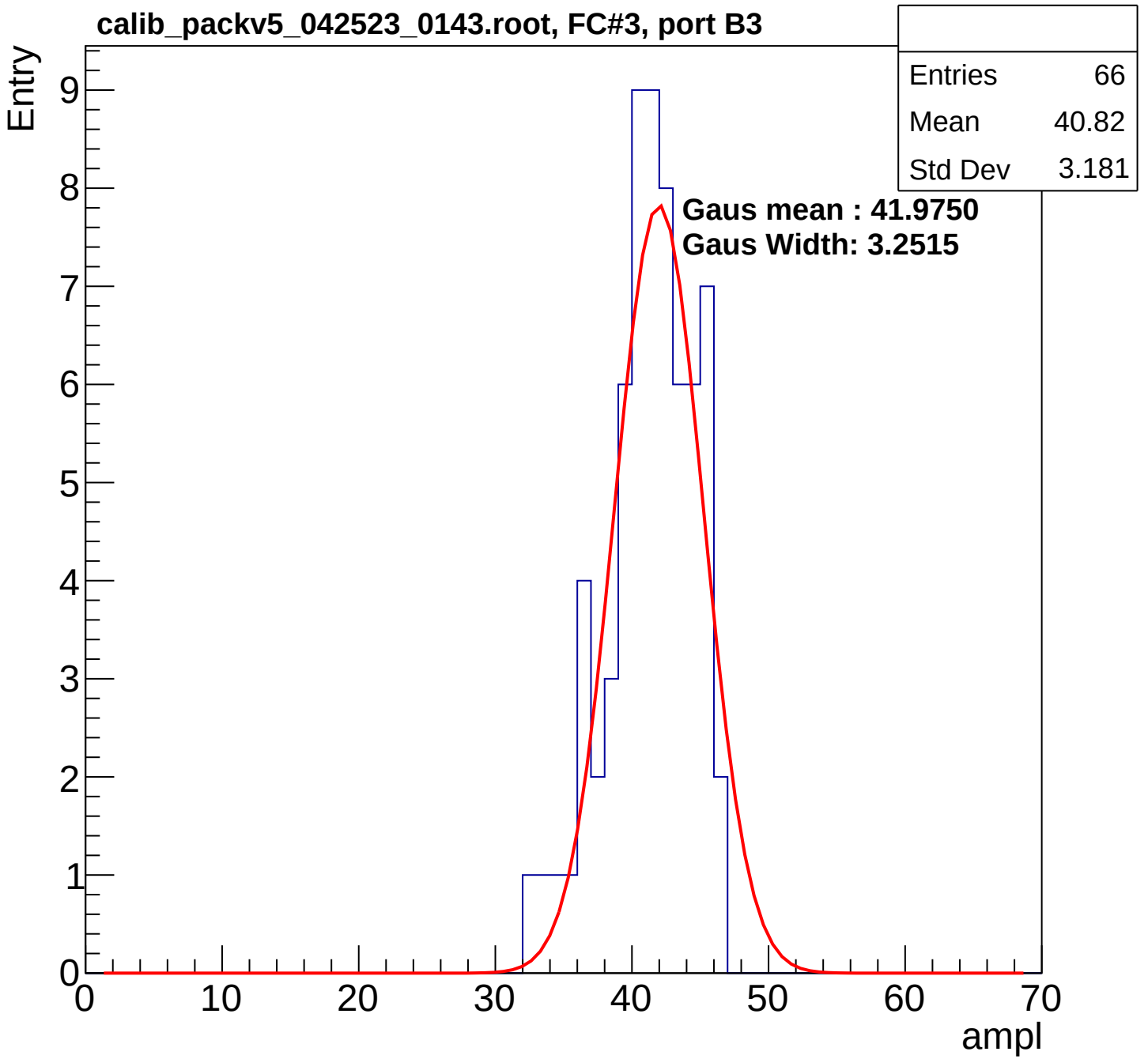
20
30
40
50
60
70


B1L000S, U25-ch80, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 35.26
Std Dev 2.7
Gaus mean : 36.2403
Gaus Width: 2.3951
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch80, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 40.82
Std Dev 3.181
Gaus mean : 41.9750
Gaus Width: 3.2515
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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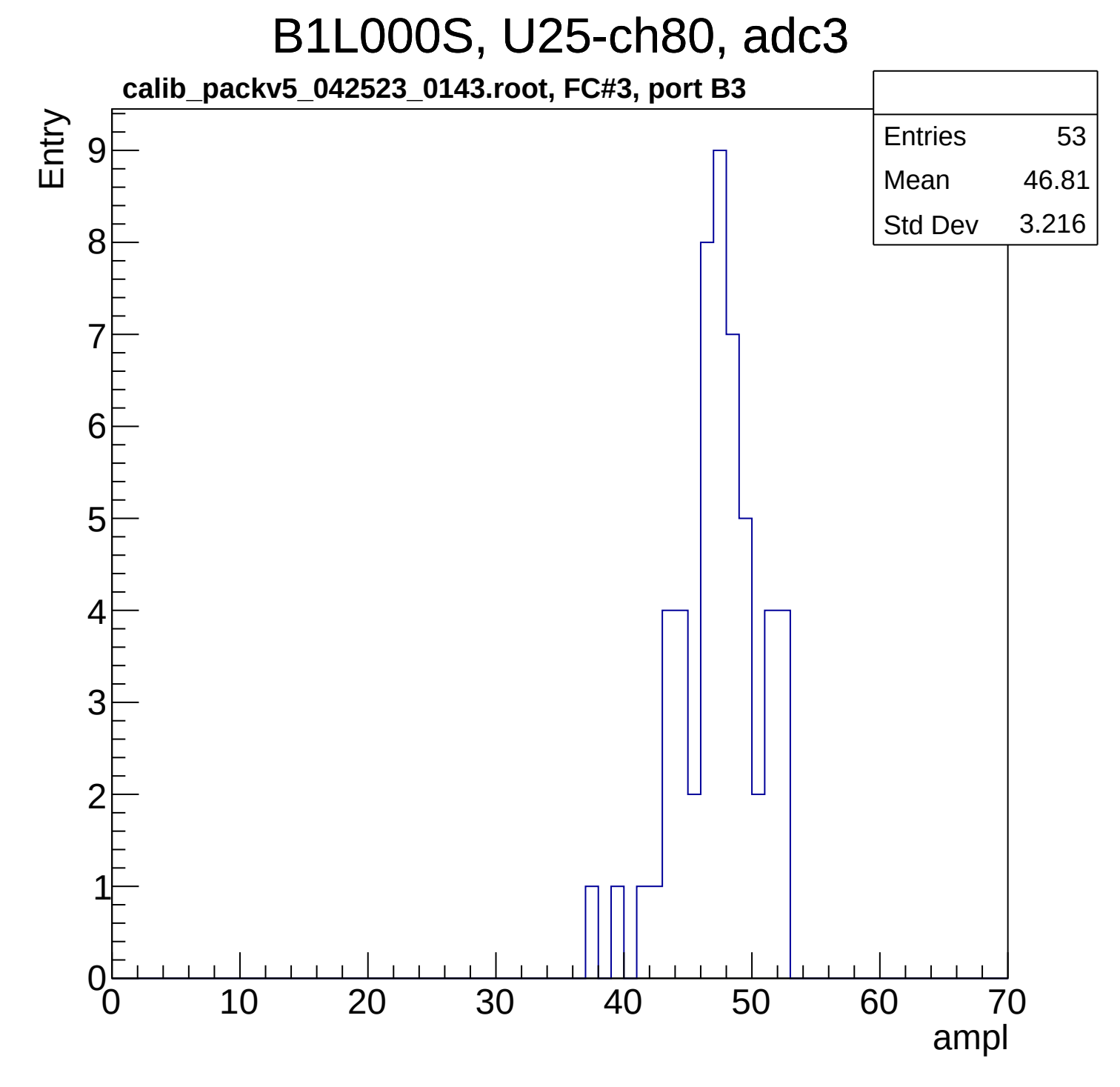
60
70


B1L000S, U25-ch80, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 46.81
Std Dev 3.216
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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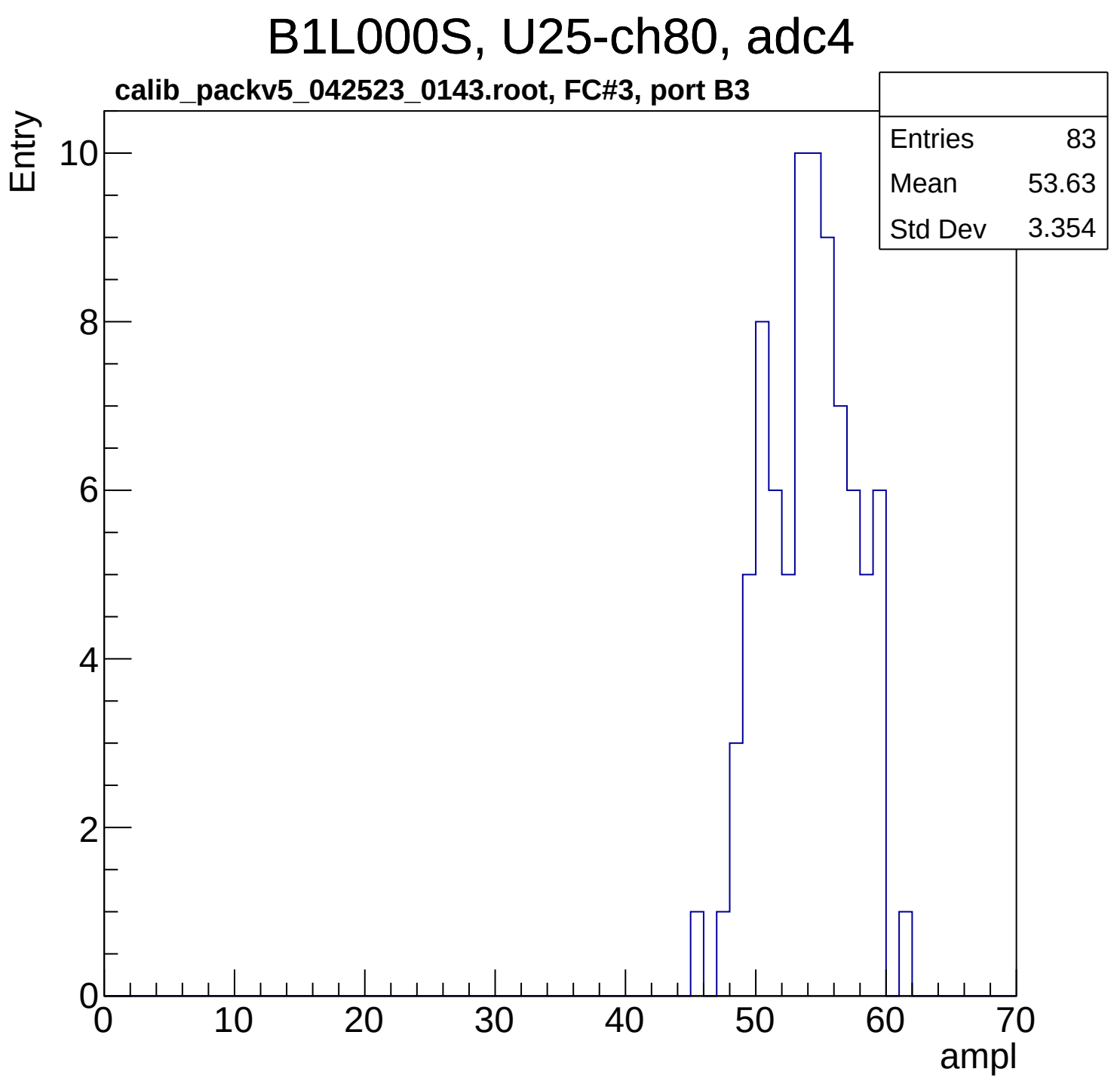
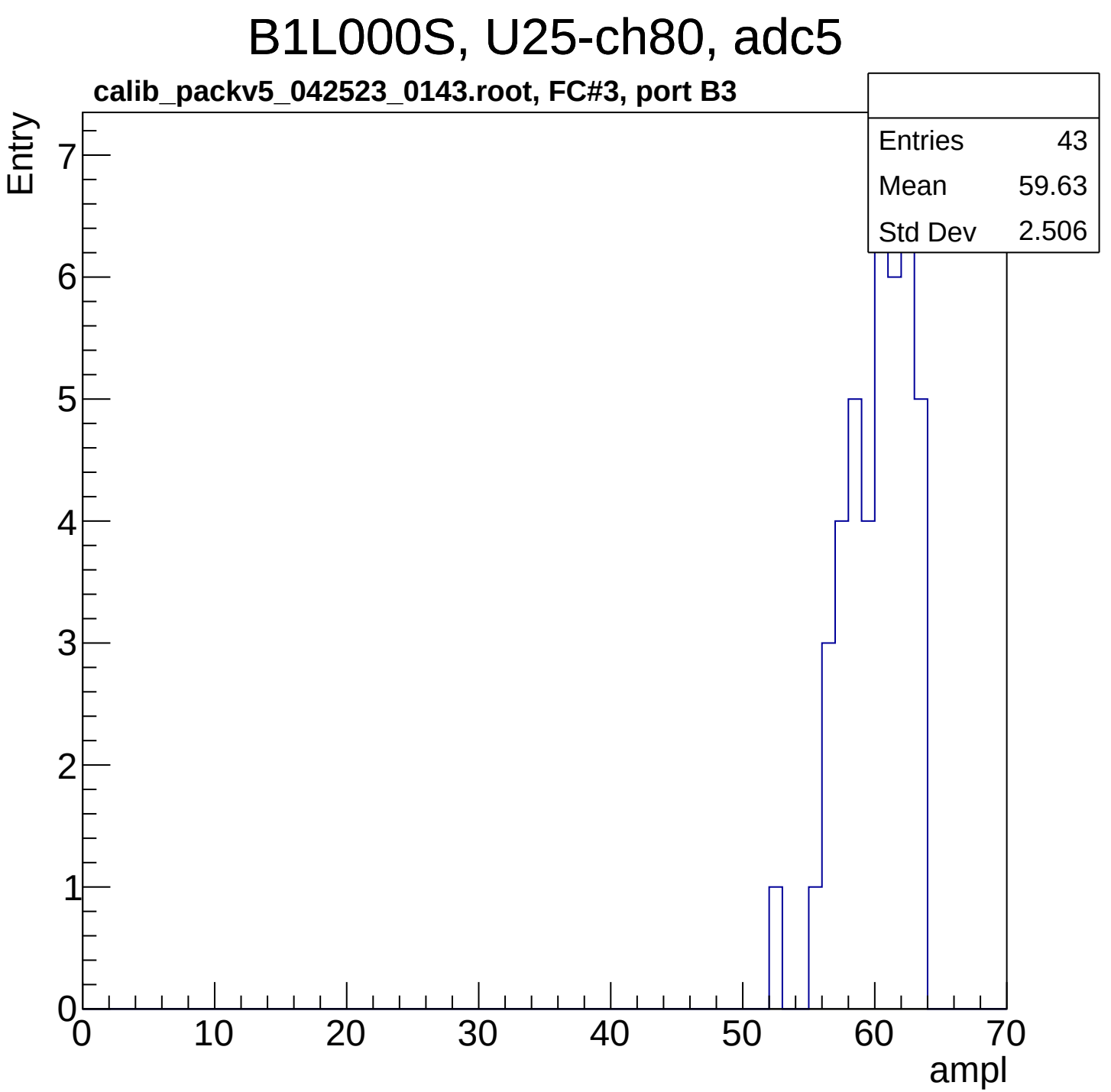
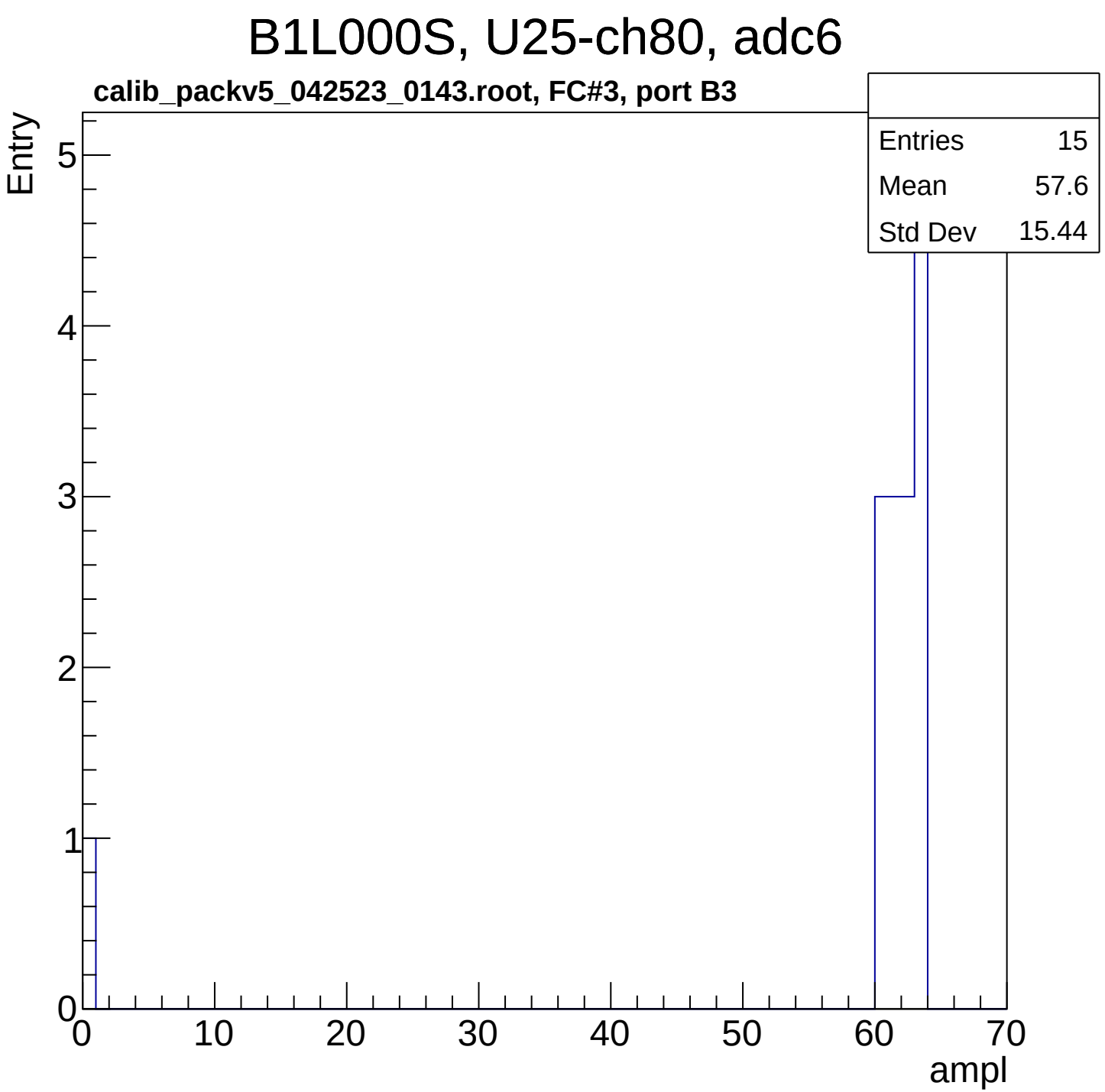
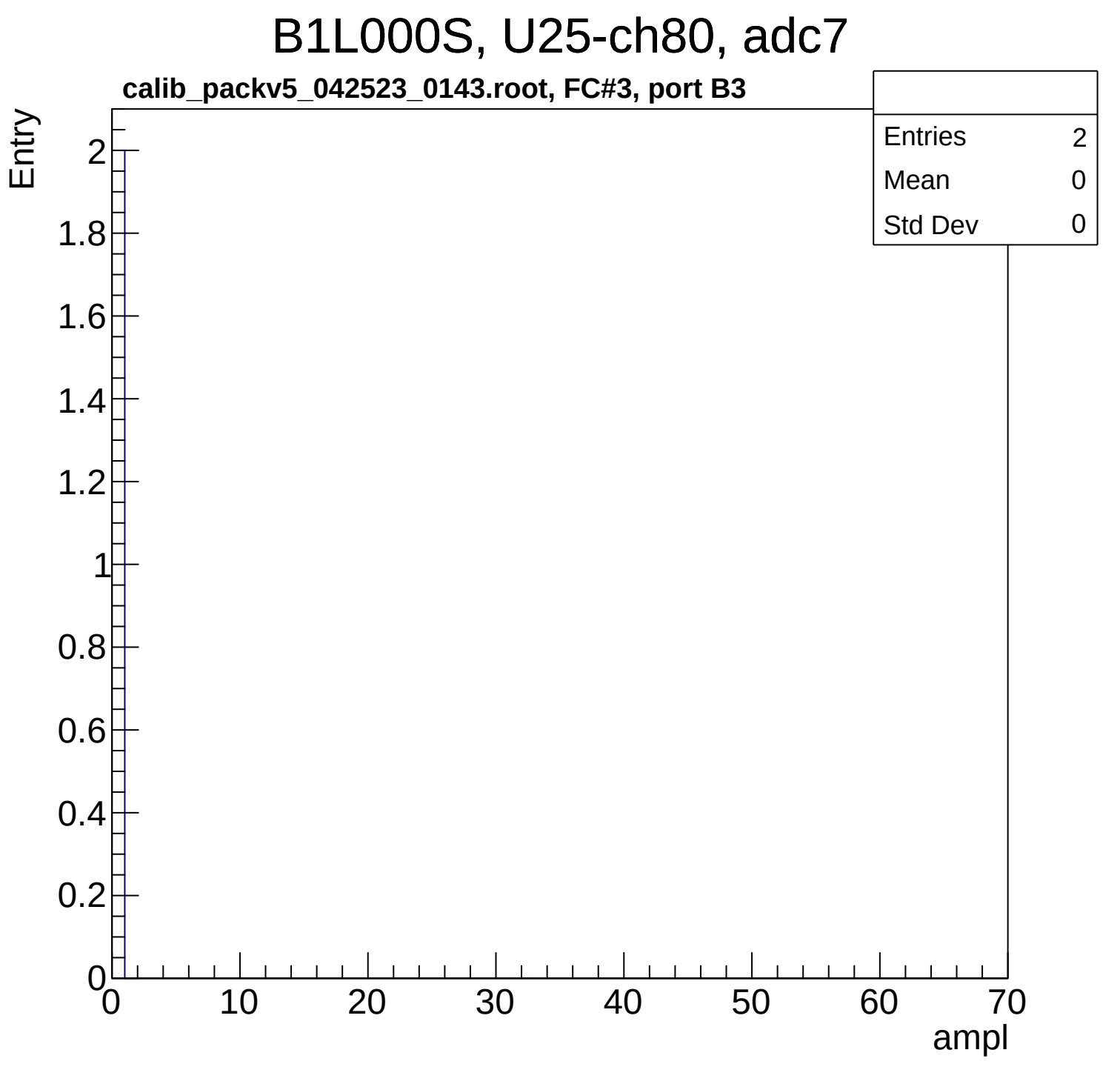
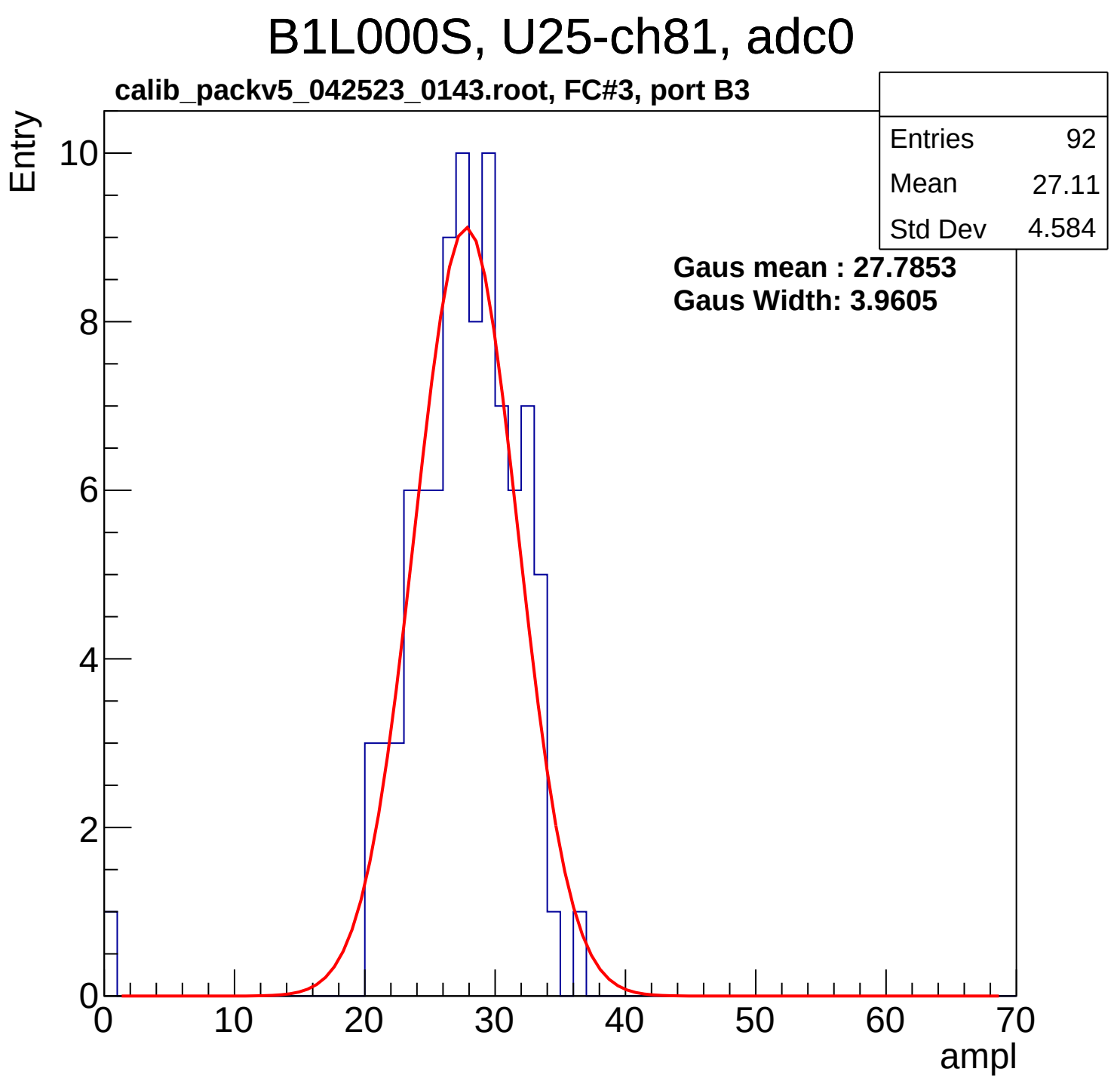
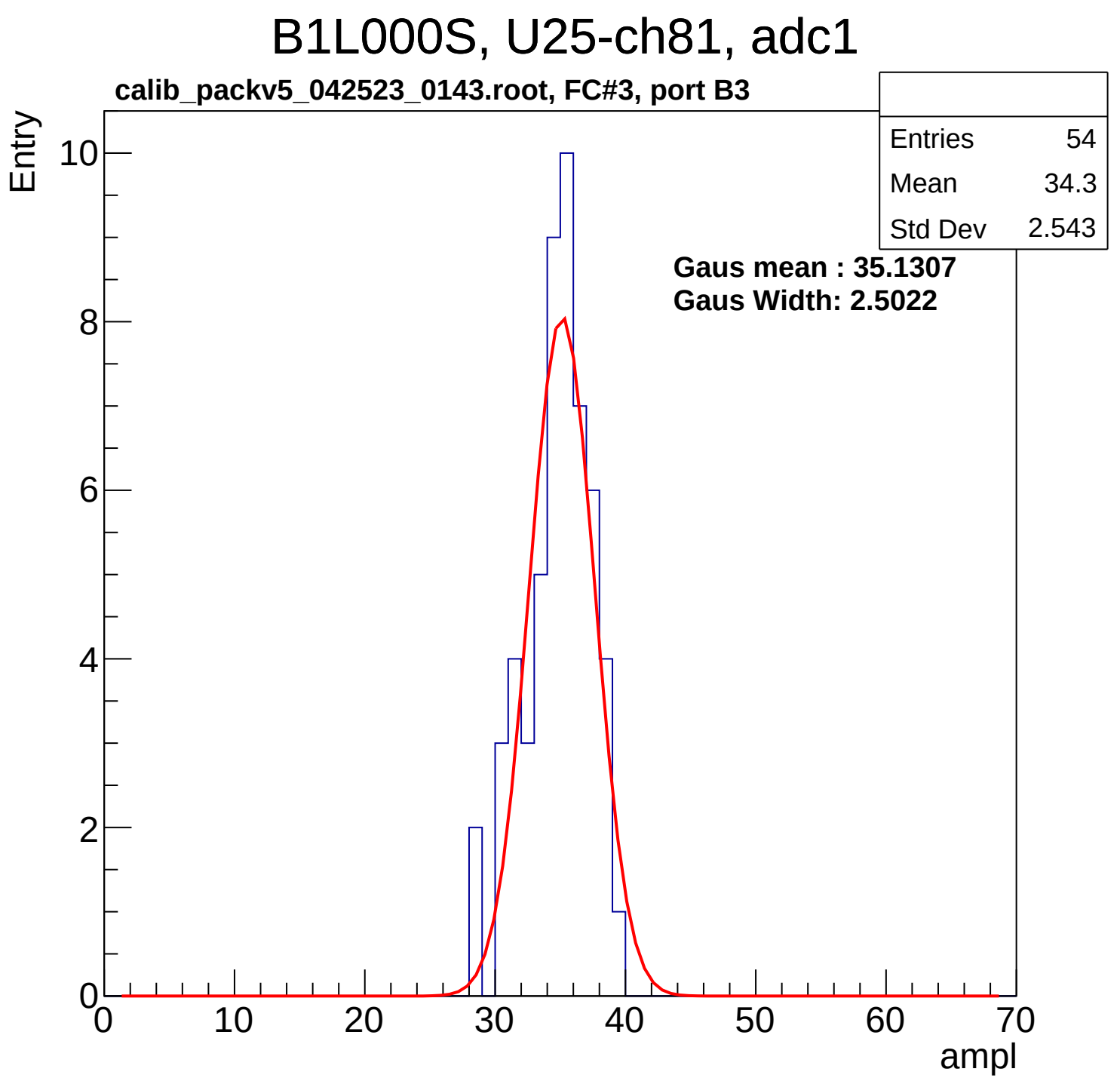

B1L000S, U25-ch80, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 83
Mean 53.63
Std Dev 3.354
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

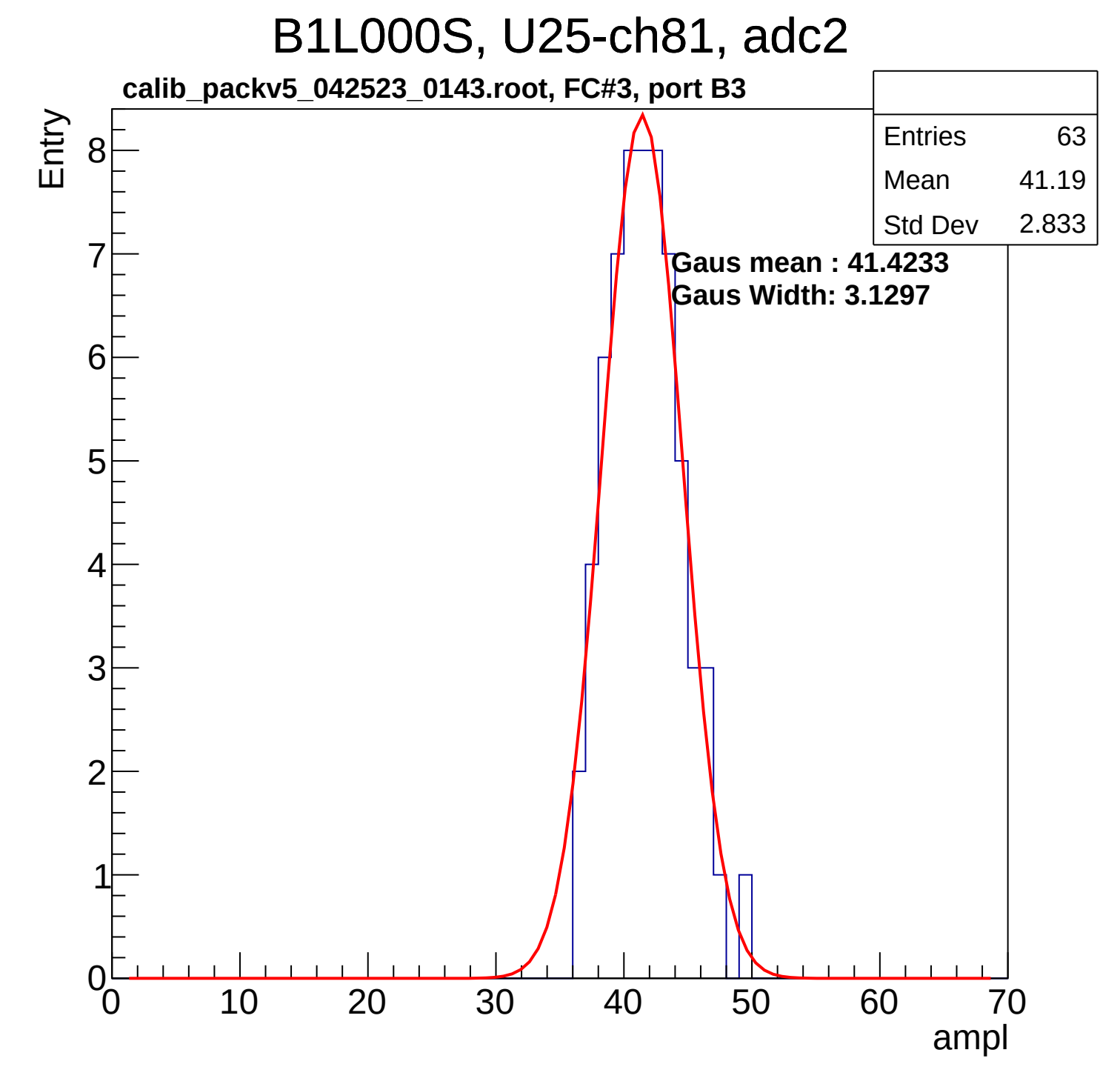

B1L000S, U25-ch80, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 59.63
Std Dev 2.506
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U25-ch80, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 57.6
Std Dev 15.44
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L000S, U25-ch80, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch81, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 92
Mean 27.11
Std Dev 4.584
Gaus mean : 27.7853
Gaus Width: 3.9605
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch81, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 34.3
Std Dev 2.543
Gaus mean : 35.1307
Gaus Width: 2.5022
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch81, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 41.19
Std Dev 2.833
Gaus mean : 41.4233
Gaus Width: 3.1297
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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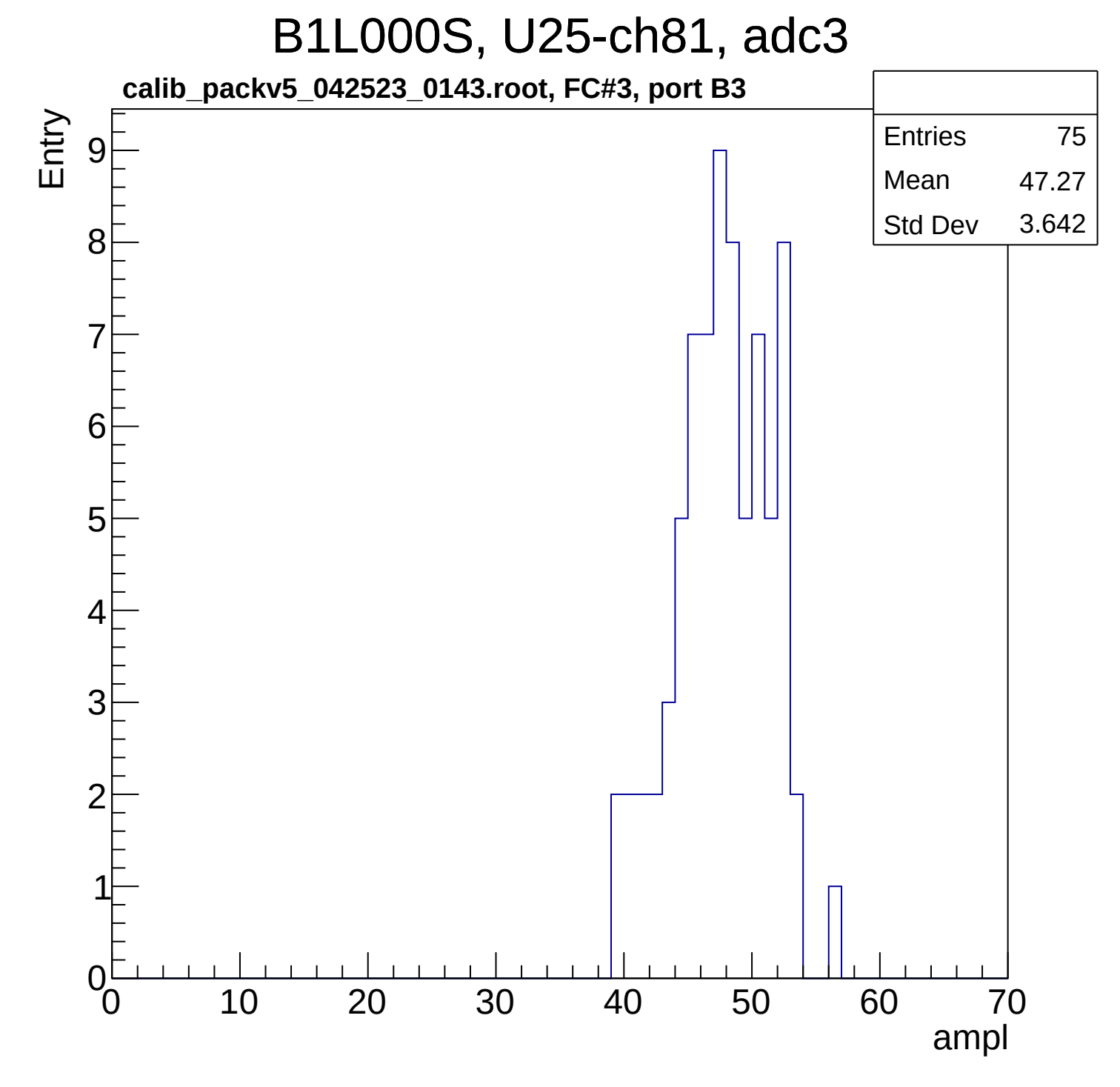
B1L000S, U25-ch81, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 47.27
Std Dev 3.642
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
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40
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60
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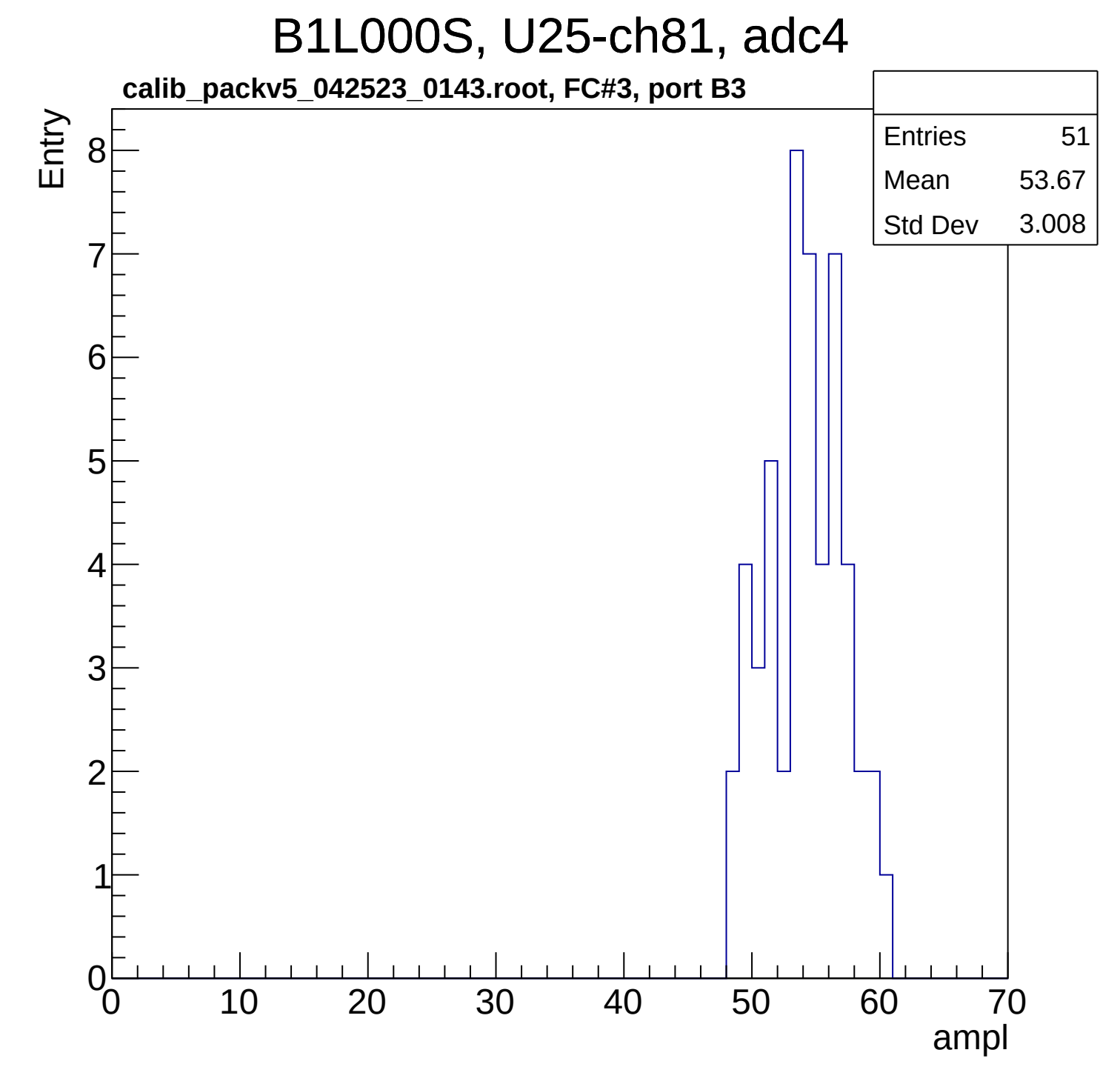
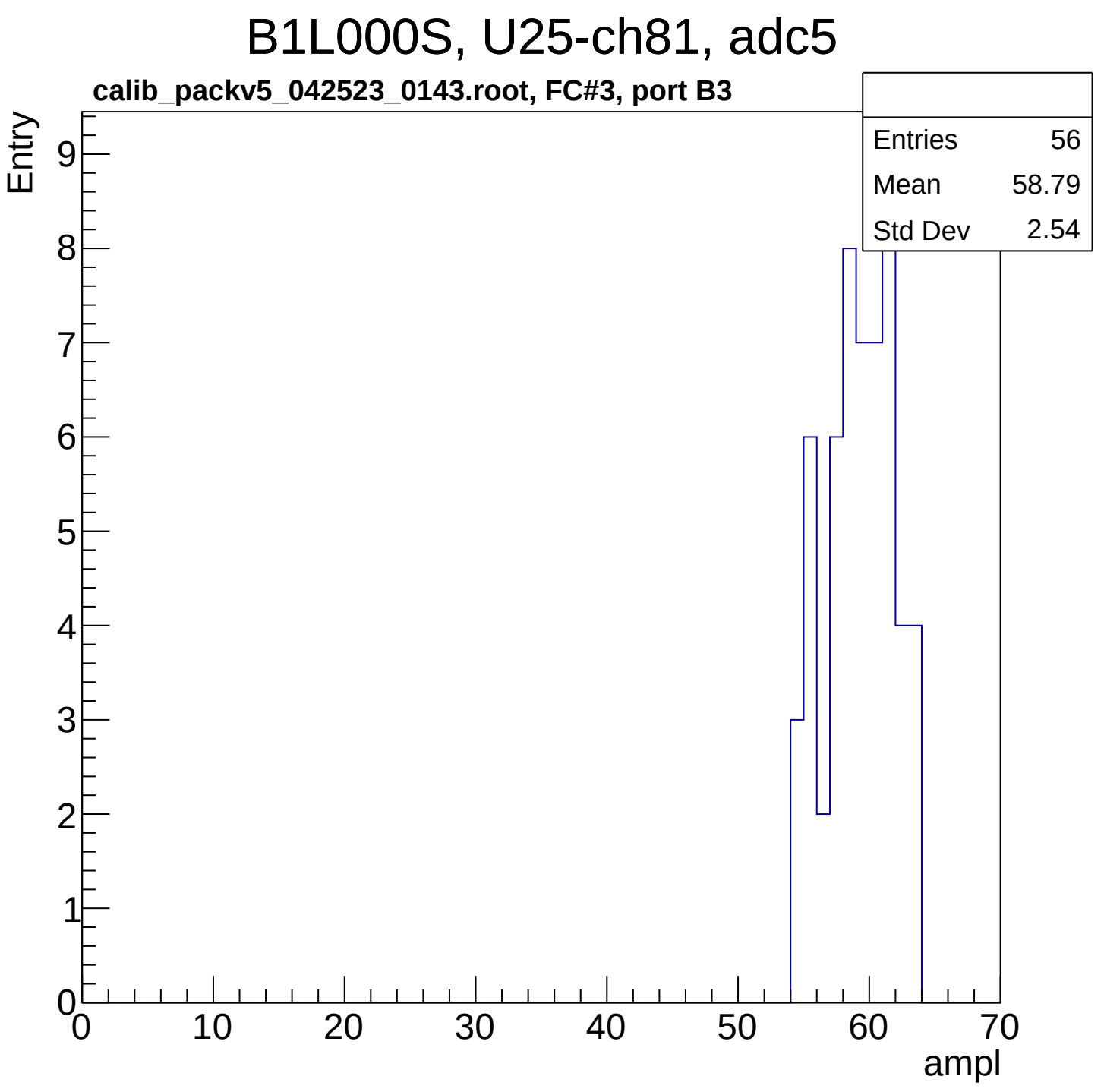

B1L000S, U25-ch81, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 53.67
Std Dev 3.008
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch81, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 58.79
Std Dev 2.54
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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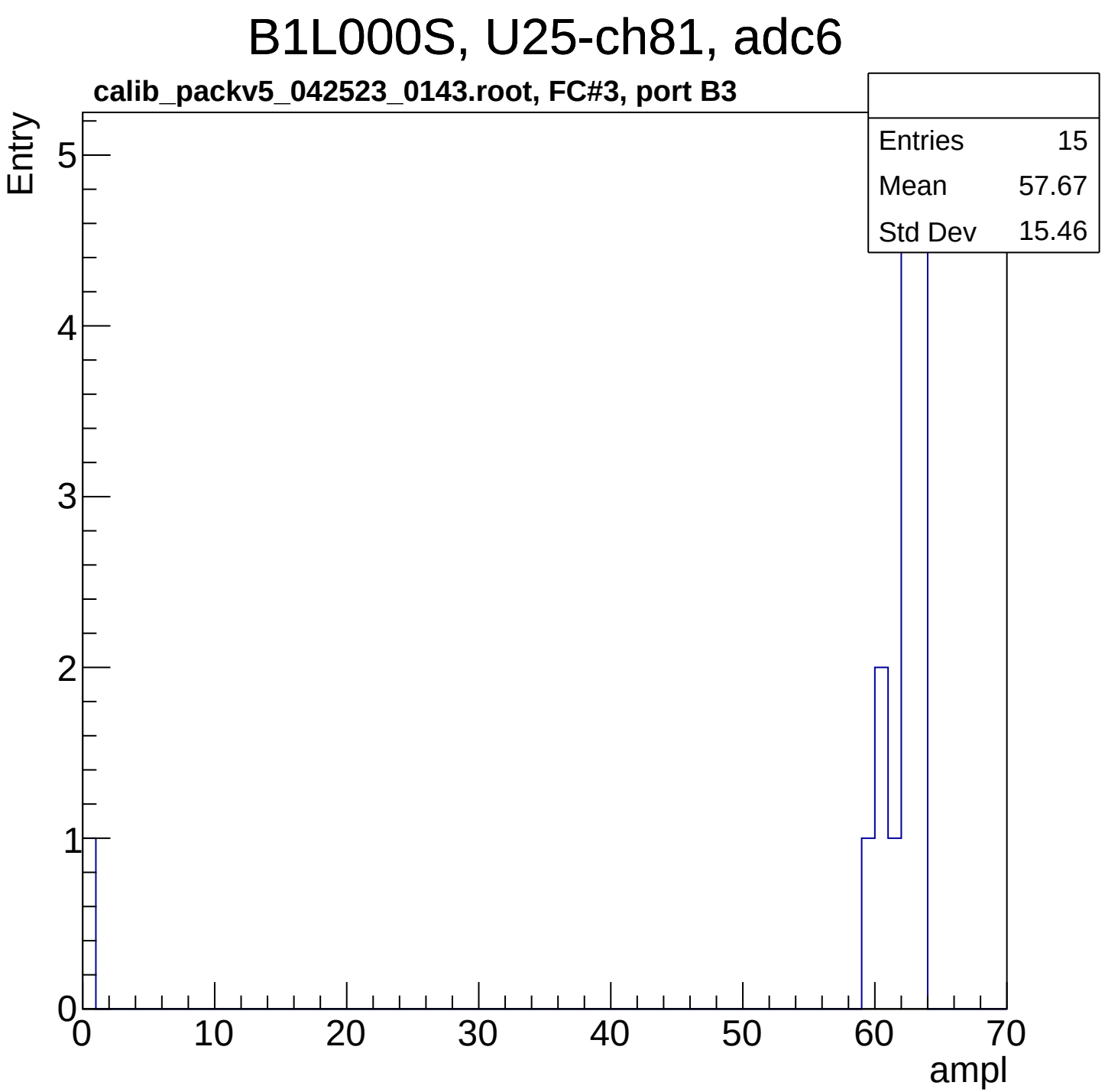
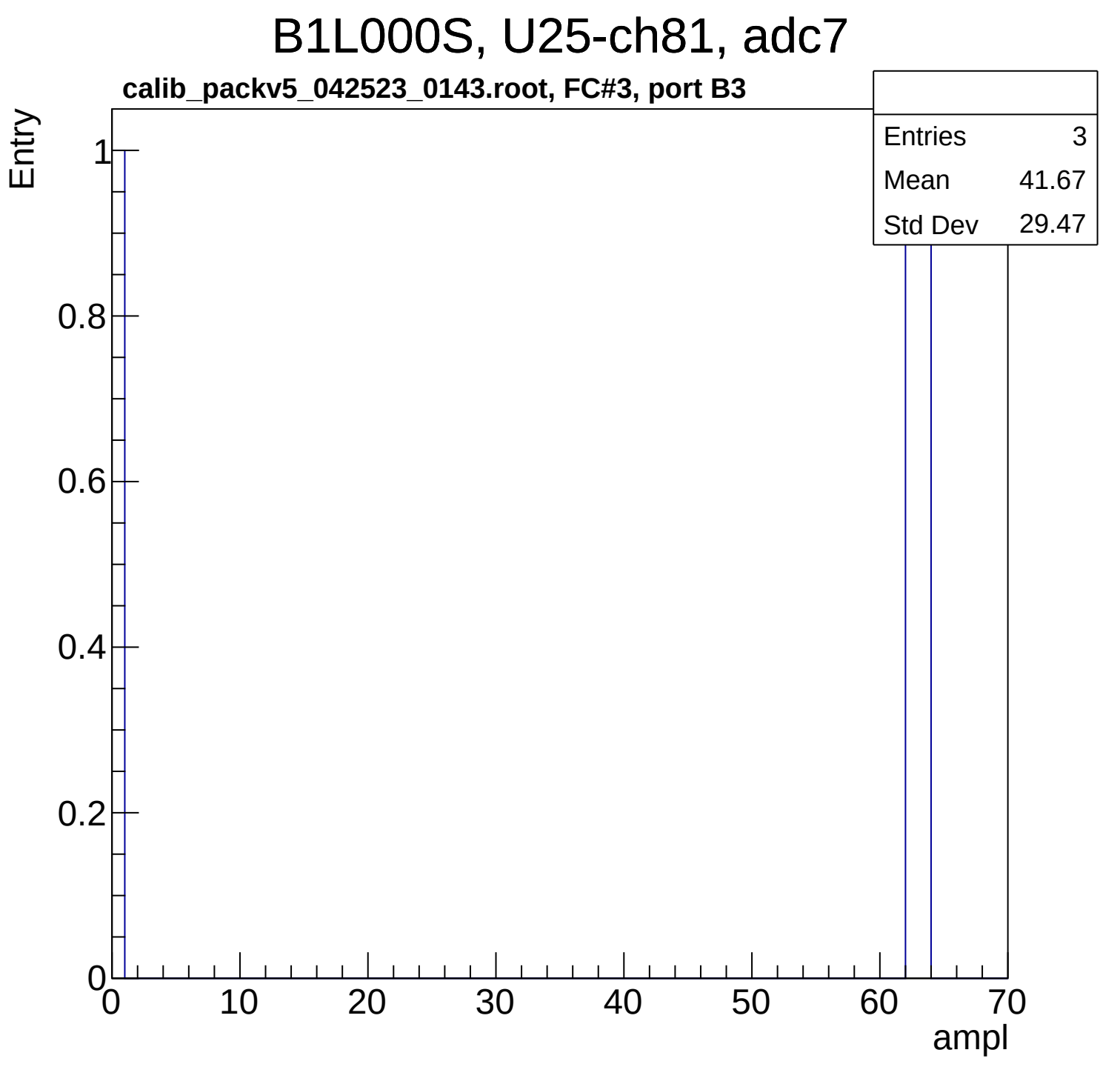
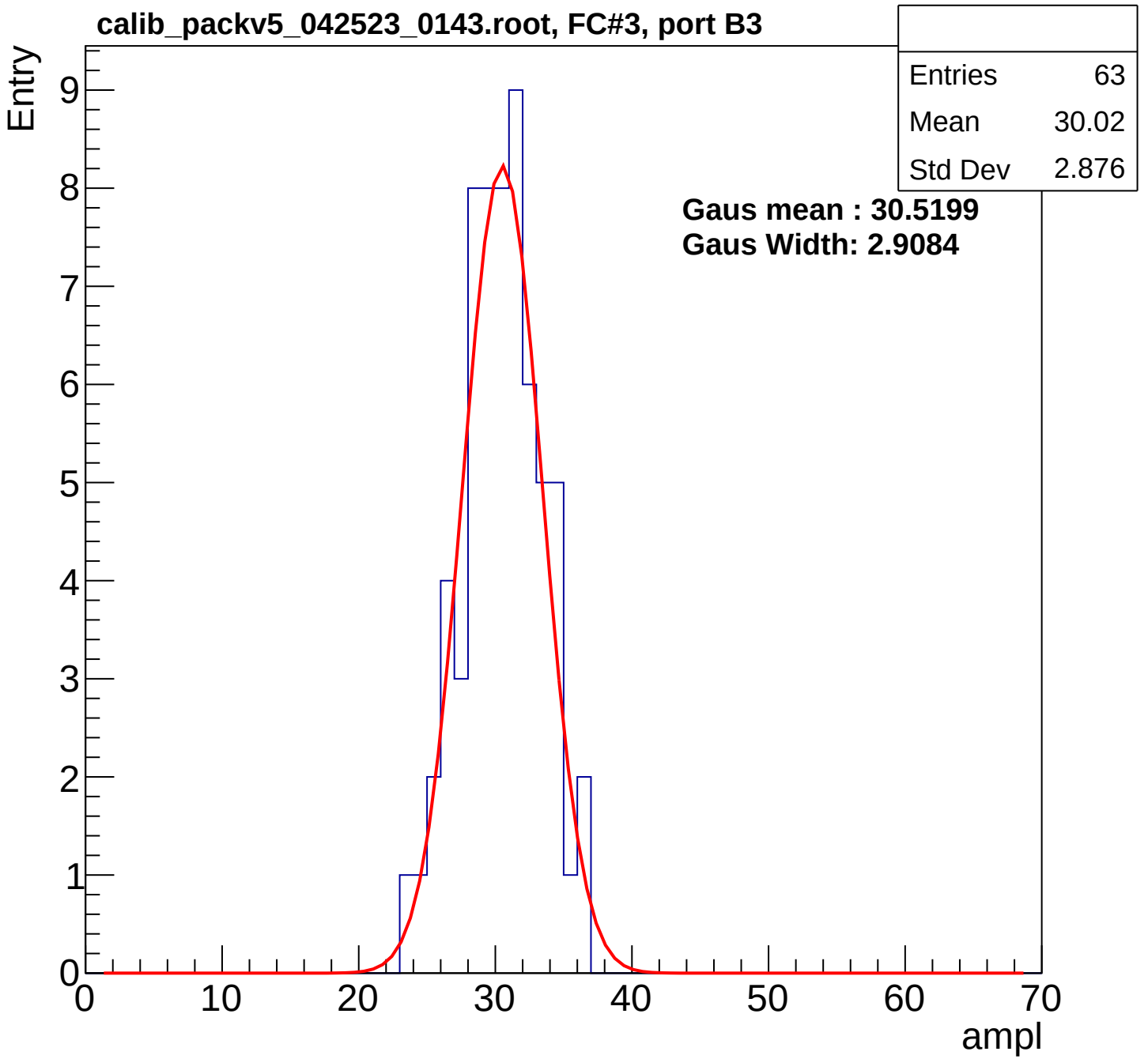
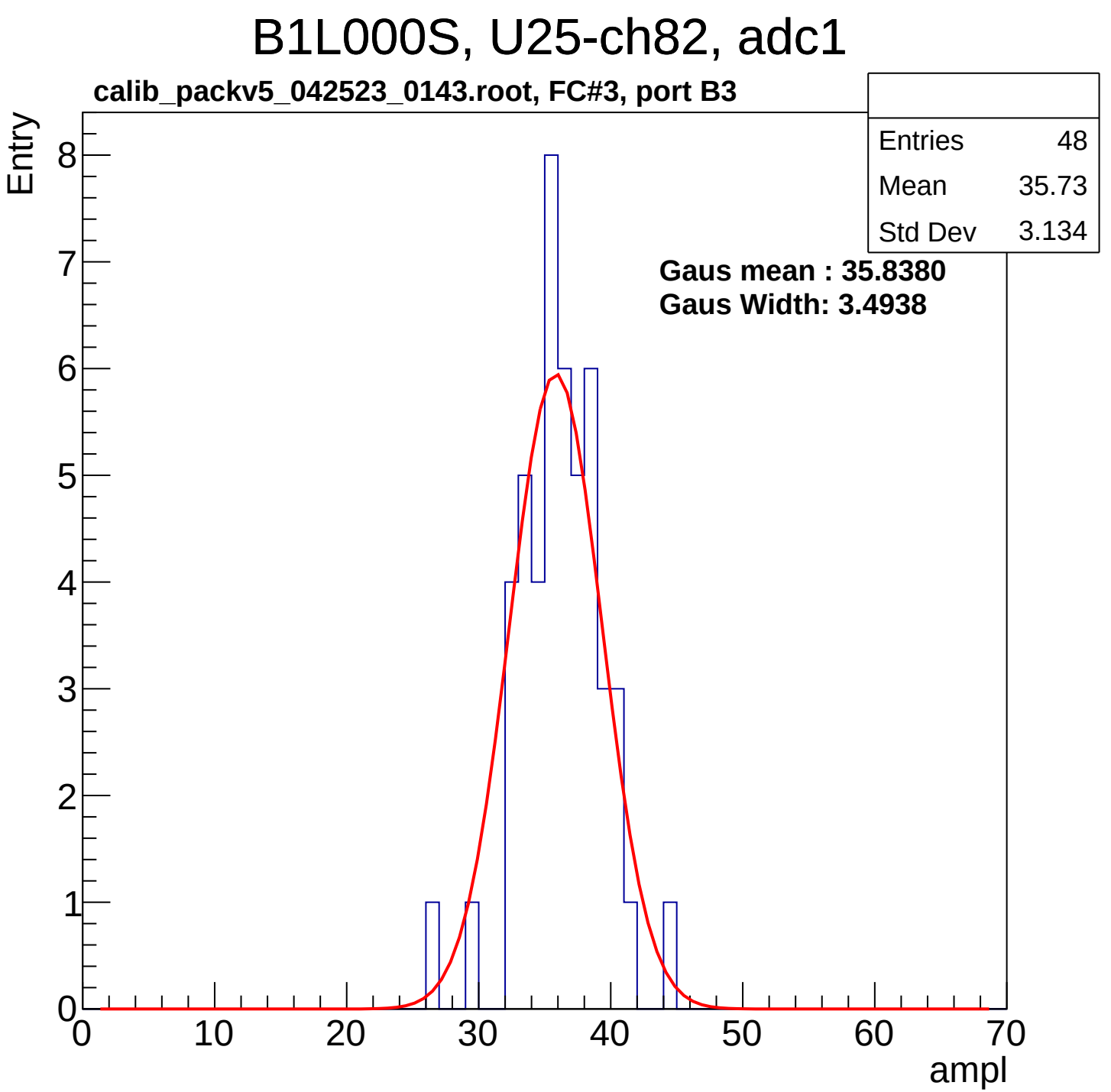
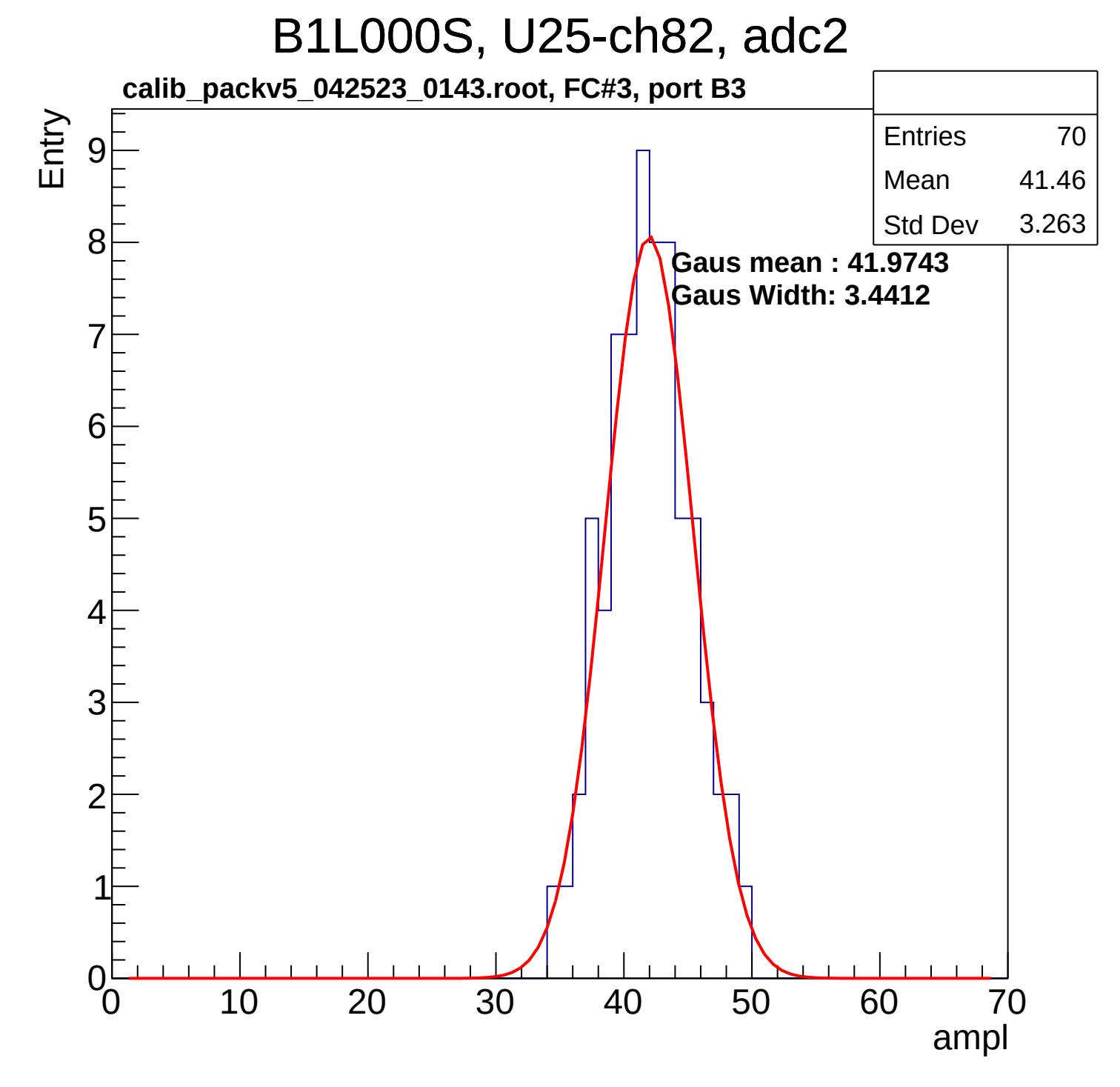
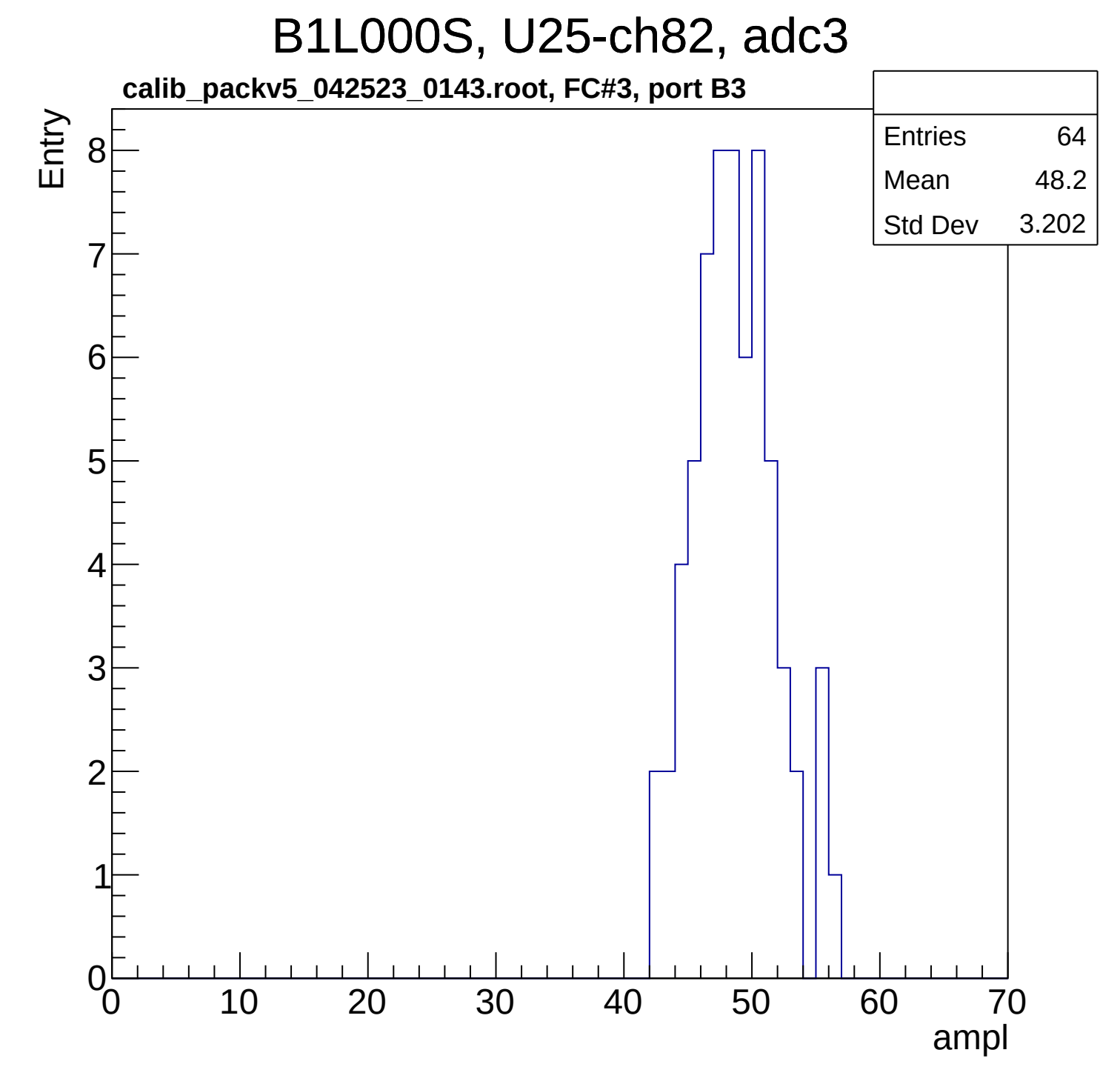

B1L000S, U25-ch81, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 57.67
Std Dev 15.46
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch81, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 41.67
Std Dev 29.47
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch82, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 30.02
Std Dev 2.876
Gaus mean : 30.5199
Gaus Width: 2.9084
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch82, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 35.73
Std Dev 3.134
Gaus mean : 35.8380
Gaus Width: 3.4938
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch82, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 41.46
Std Dev 3.263
Gaus mean : 41.9743
Gaus Width: 3.4412
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U25-ch82, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 48.2
Std Dev 3.202
Entry
ampl
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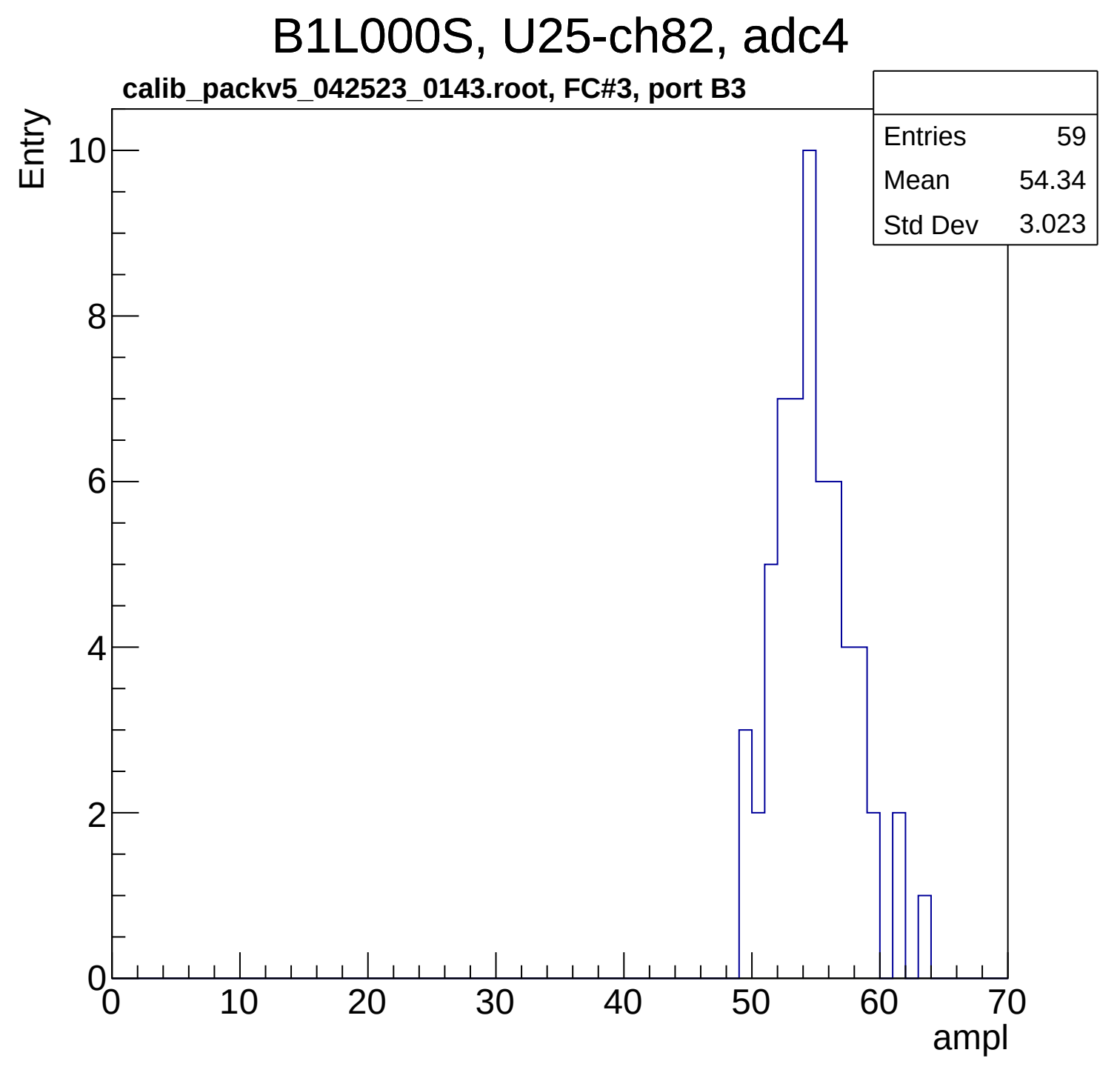
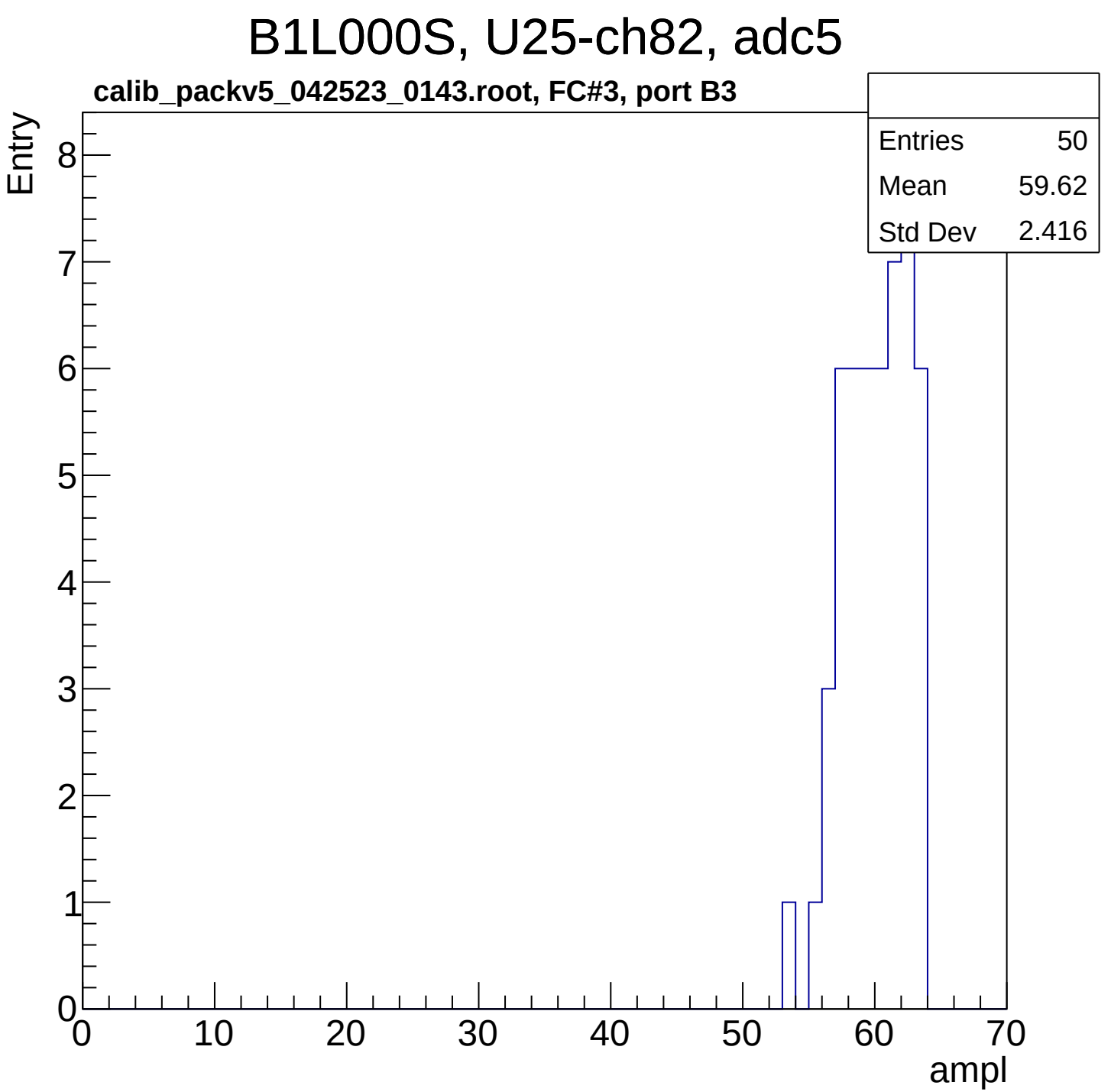
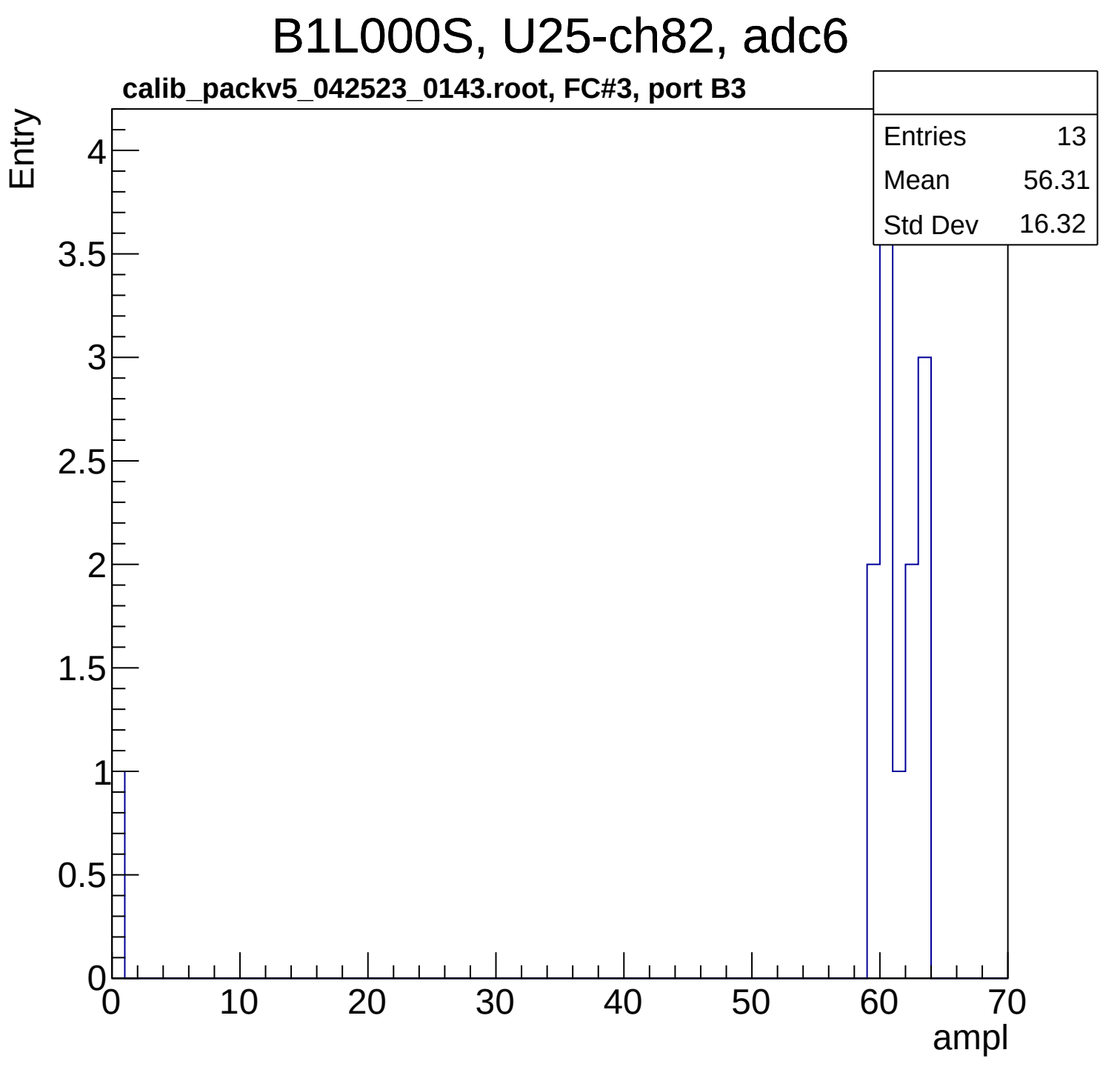
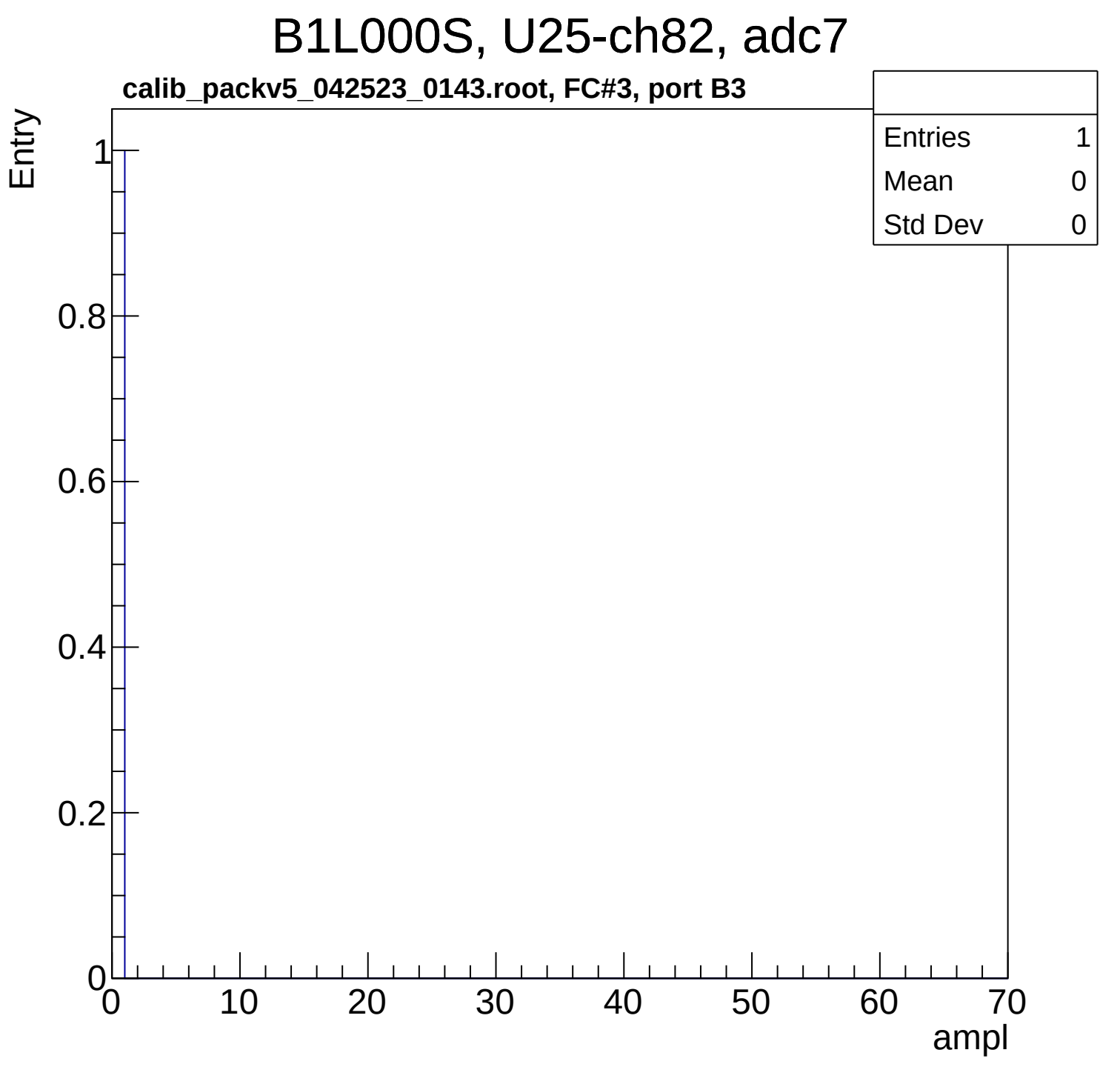
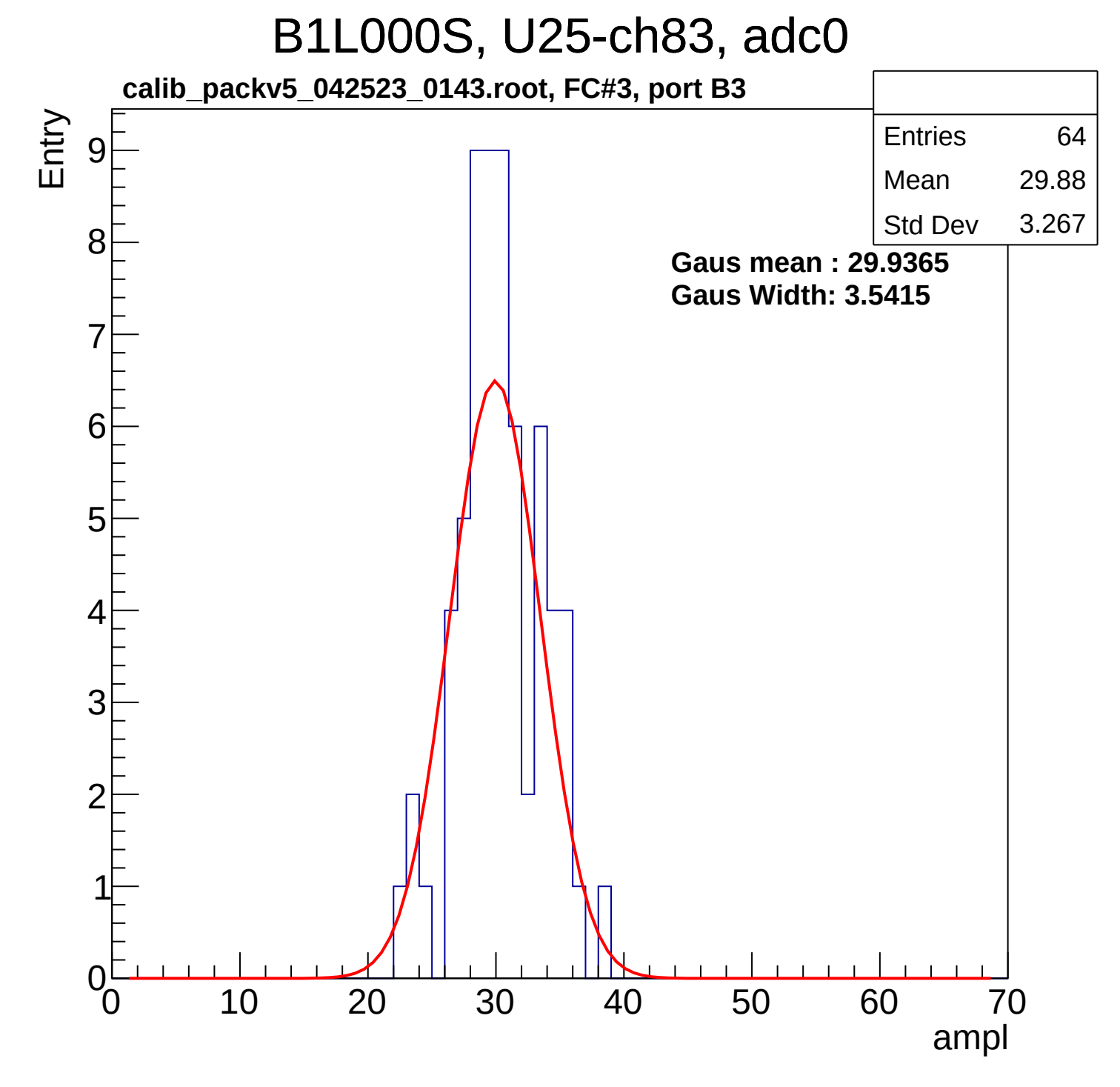
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch82, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 54.34
Std Dev 3.023
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch82, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 59.62
Std Dev 2.416
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch82, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 56.31
Std Dev 16.32
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U25-ch82, 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, U25-ch83, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 29.88
Std Dev 3.267
Gaus mean : 29.9365
Gaus Width: 3.5415
Entry
ampl
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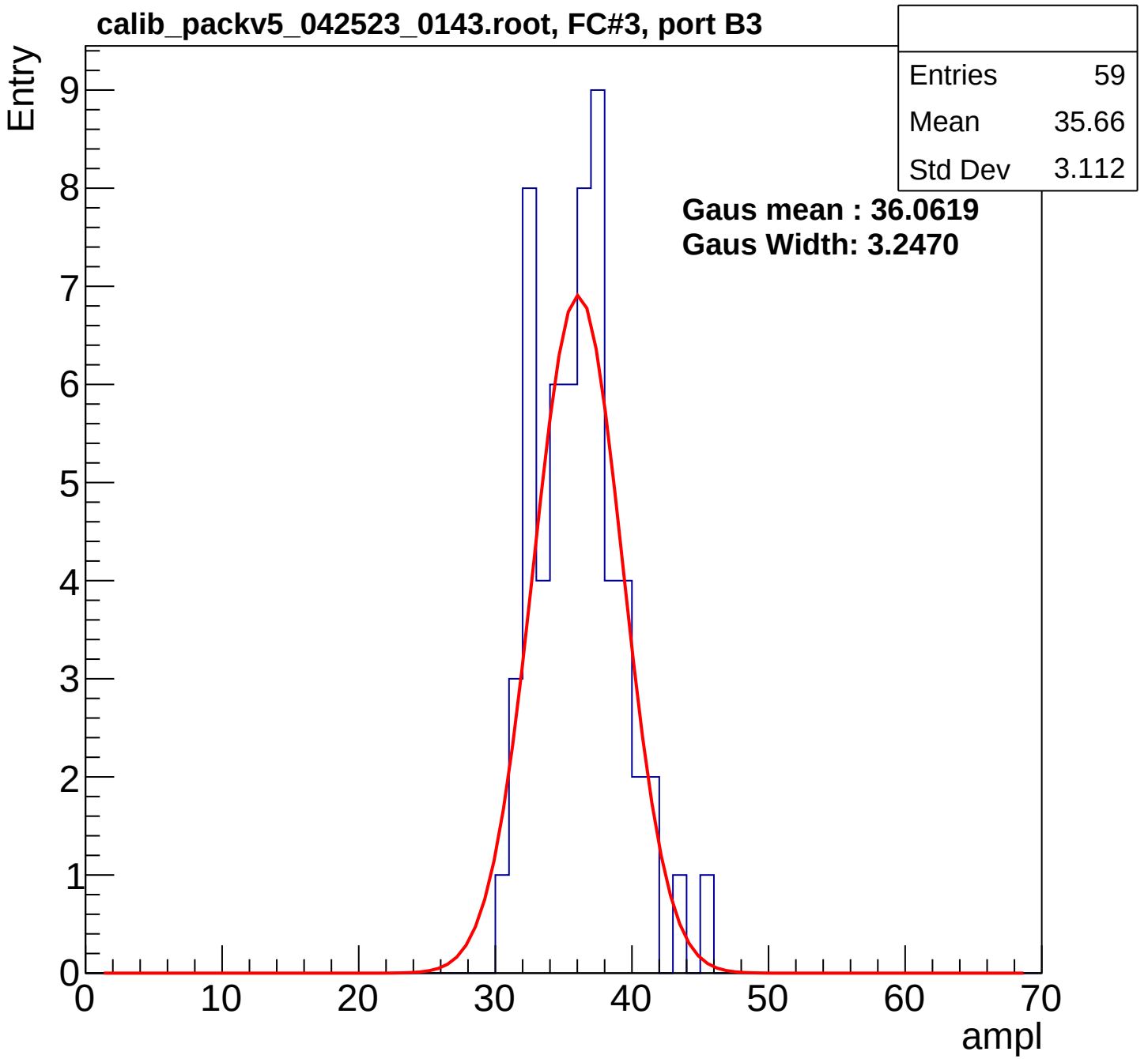
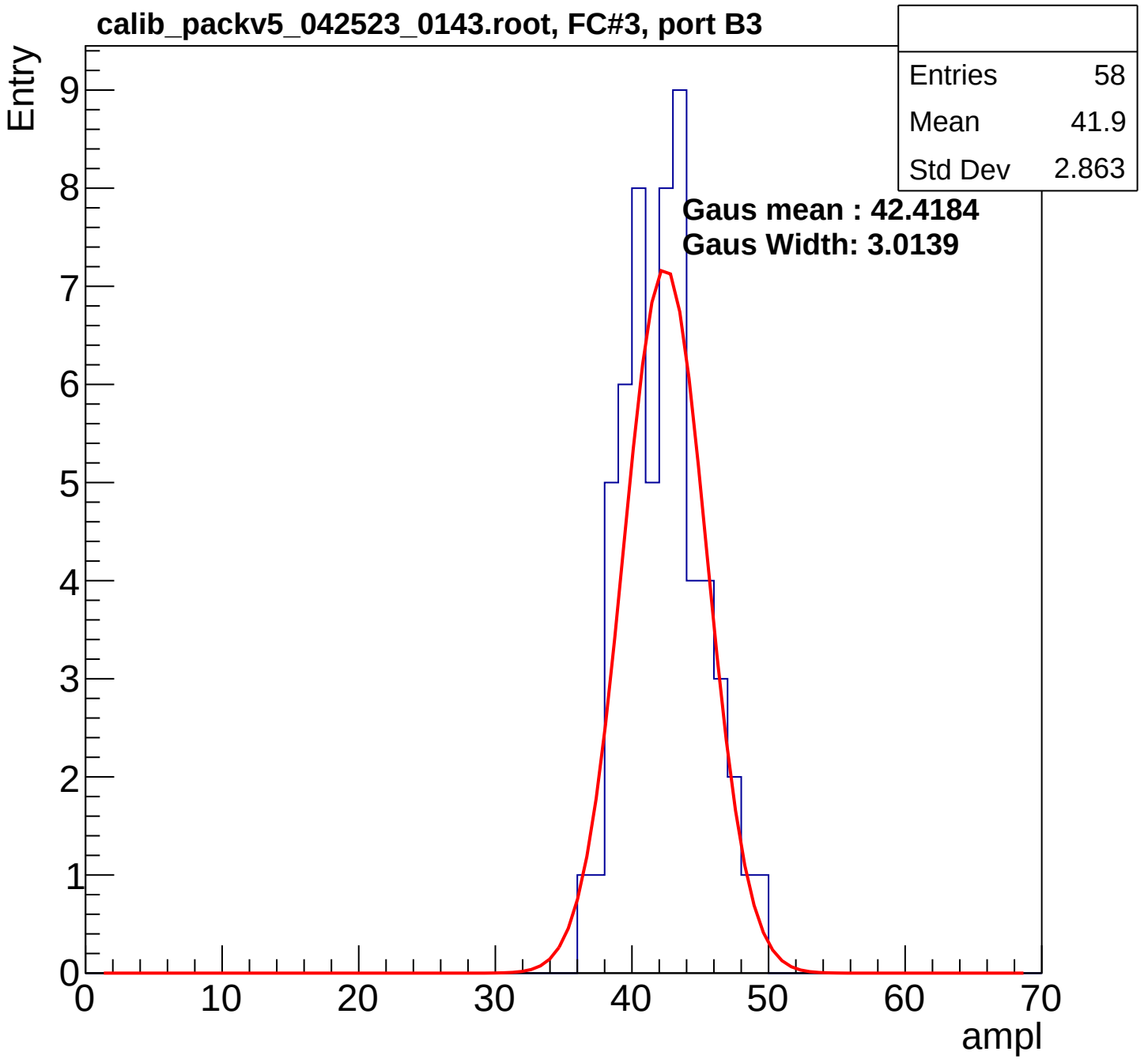
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch83, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 35.66
Std Dev 3.112
Gaus mean : 36.0619
Gaus Width: 3.2470
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U25-ch83, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 41.9
Std Dev 2.863
Gaus mean : 42.4184
Gaus Width: 3.0139
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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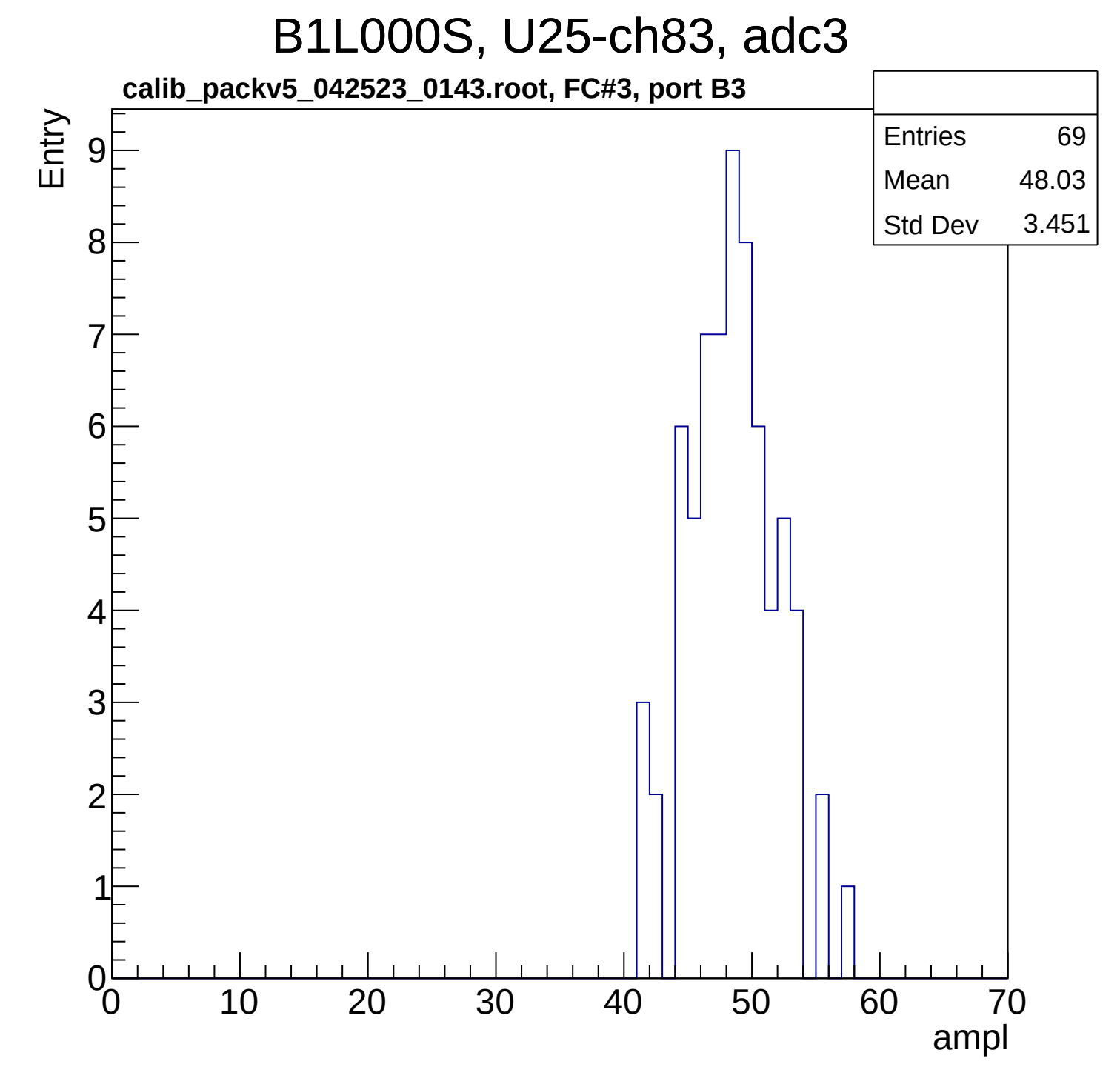
B1L000S, U25-ch83, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 48.03
Std Dev 3.451
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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60
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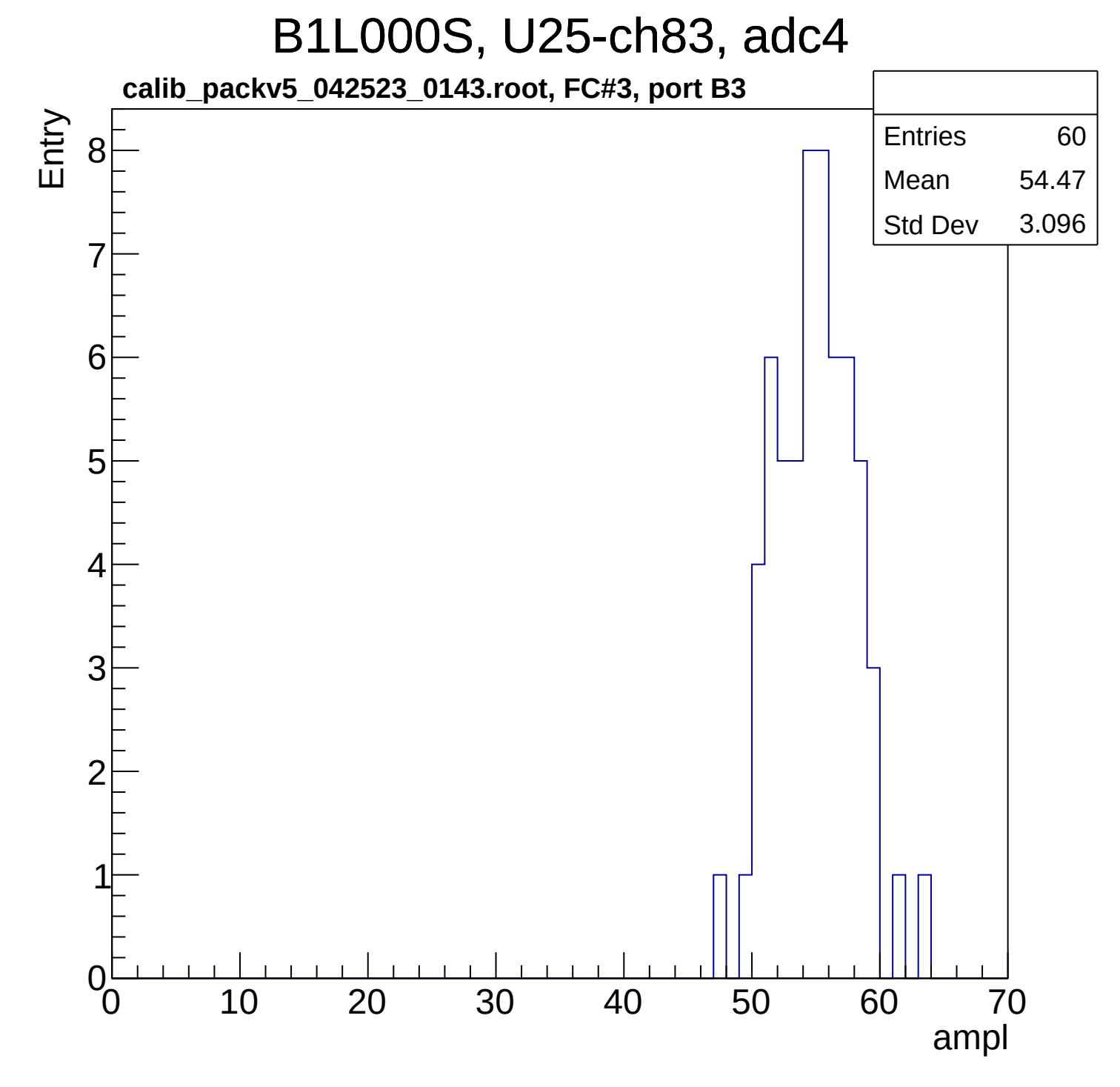
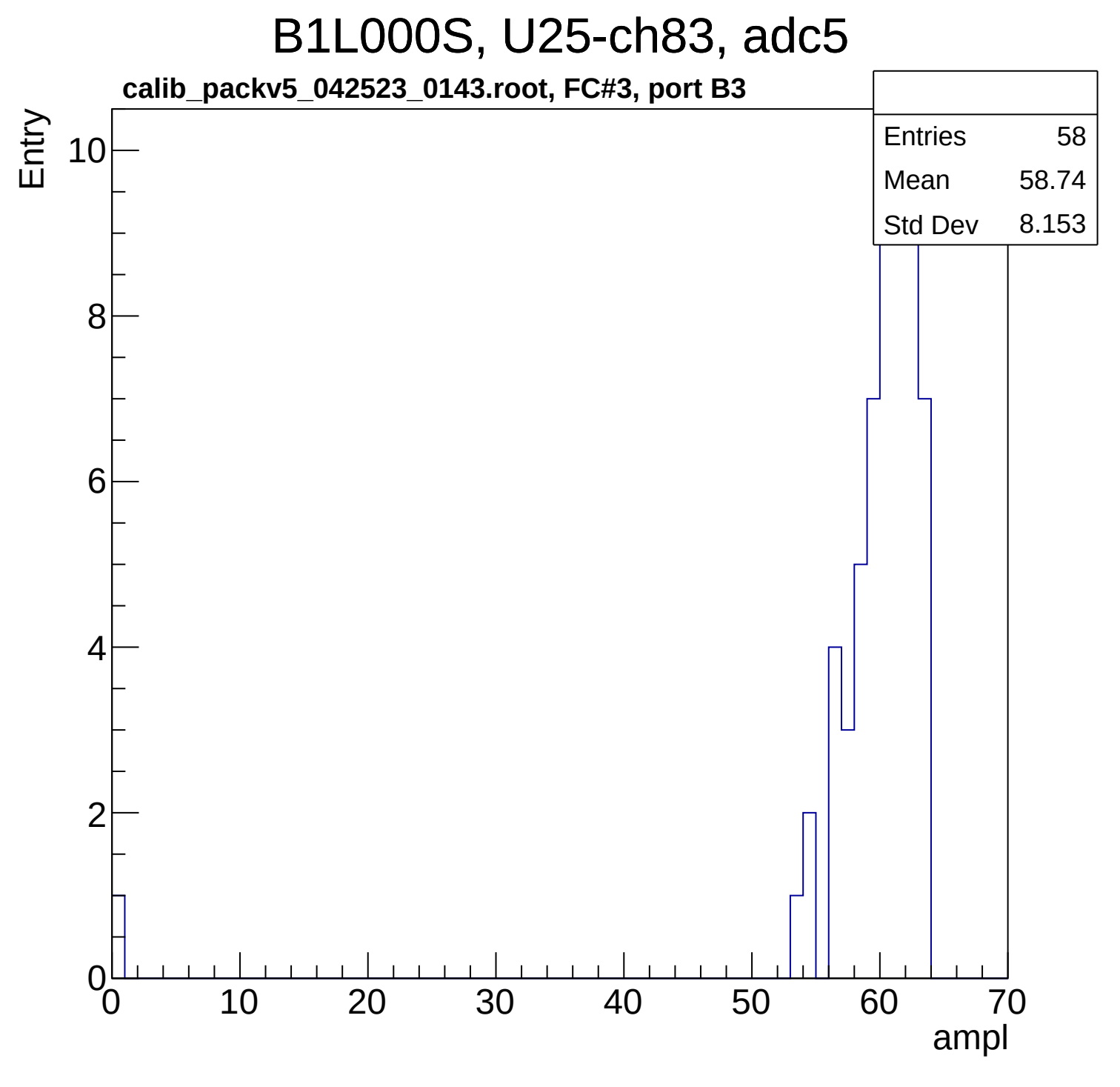

B1L000S, U25-ch83, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 54.47
Std Dev 3.096
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch83, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 58.74
Std Dev 8.153
Entry
ampl
0
2
4
6
8
10
0
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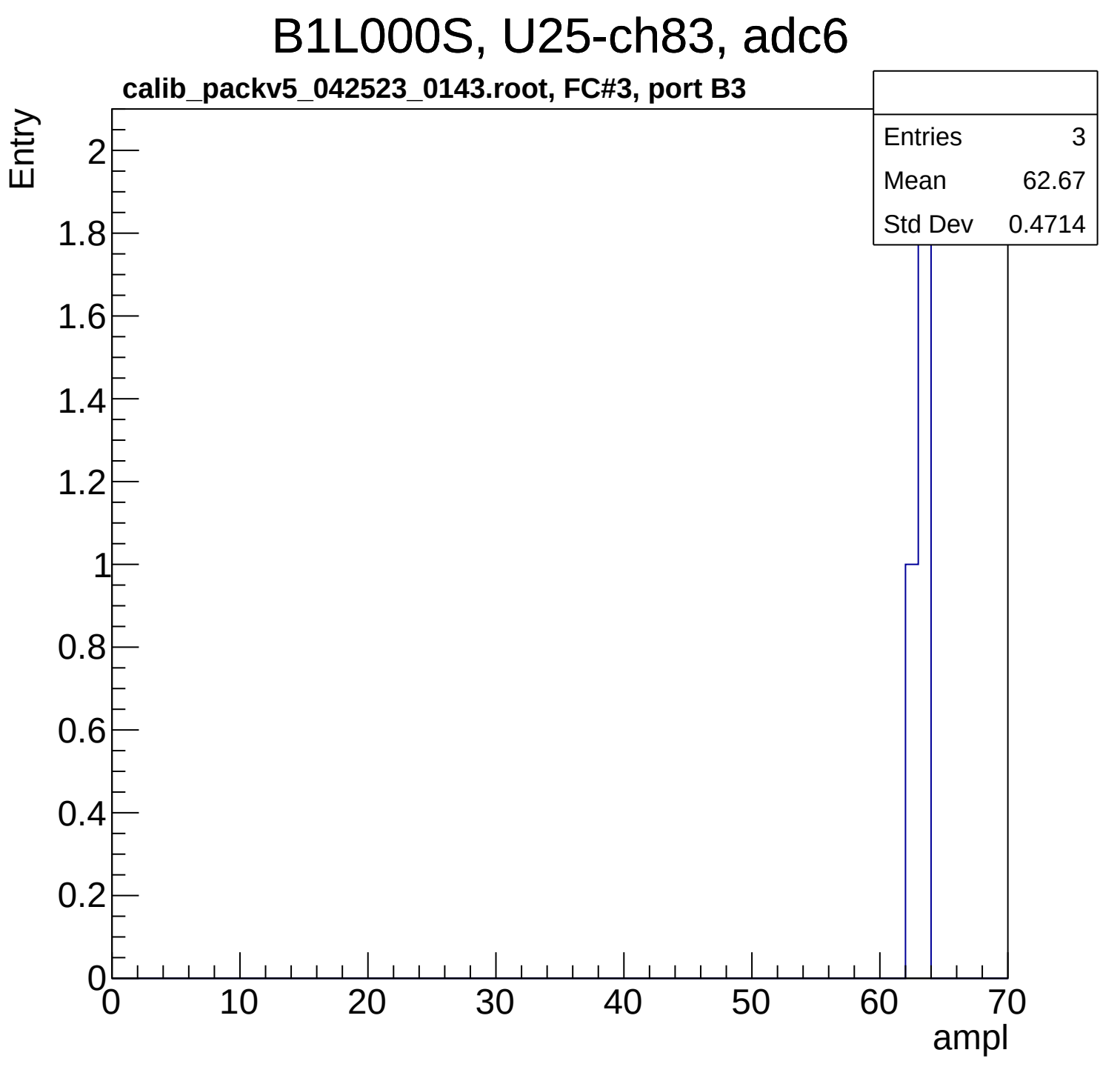
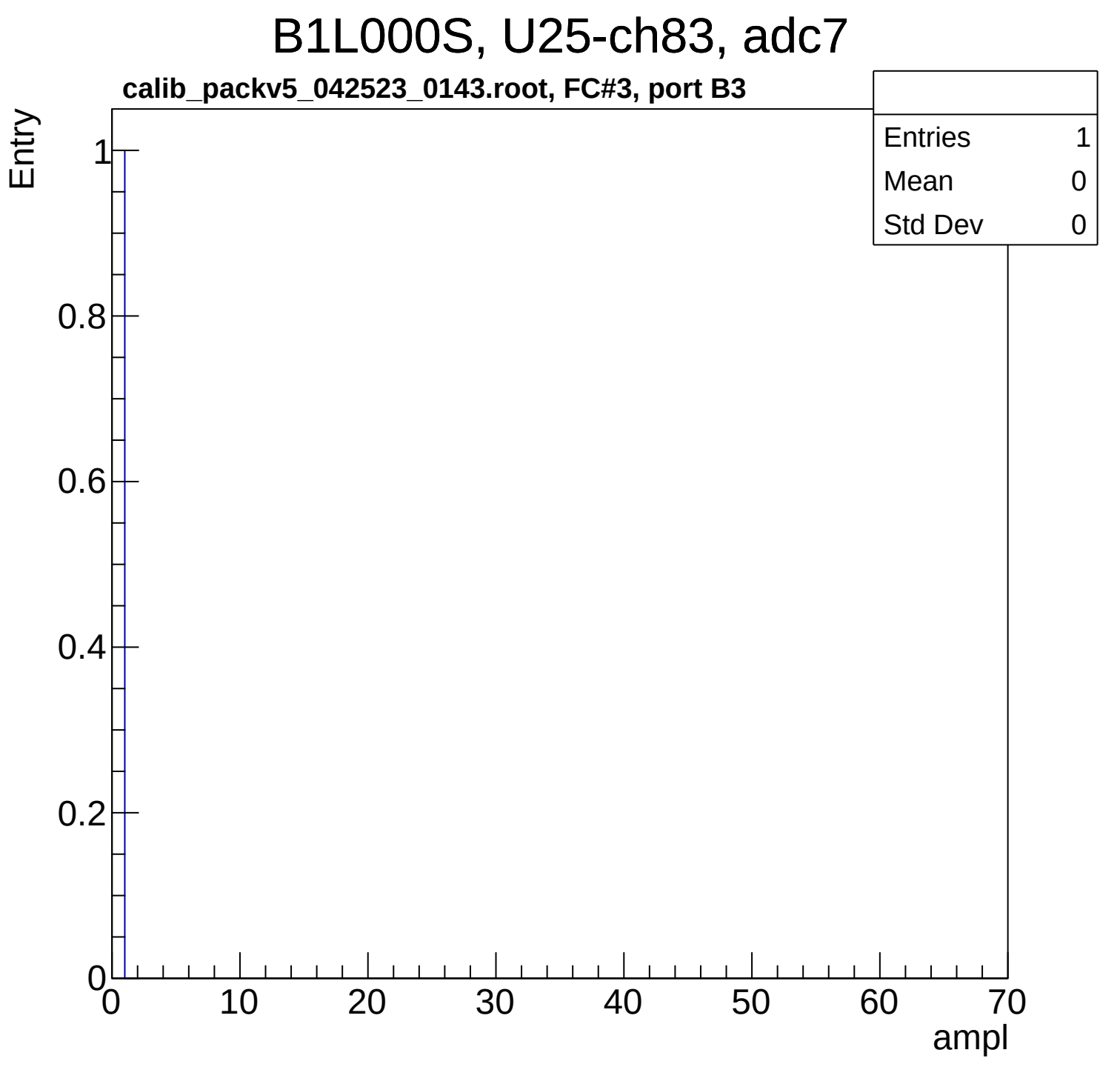
20
30
40
50
60
70


B1L000S, U25-ch83, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 62.67
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L000S, U25-ch83, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
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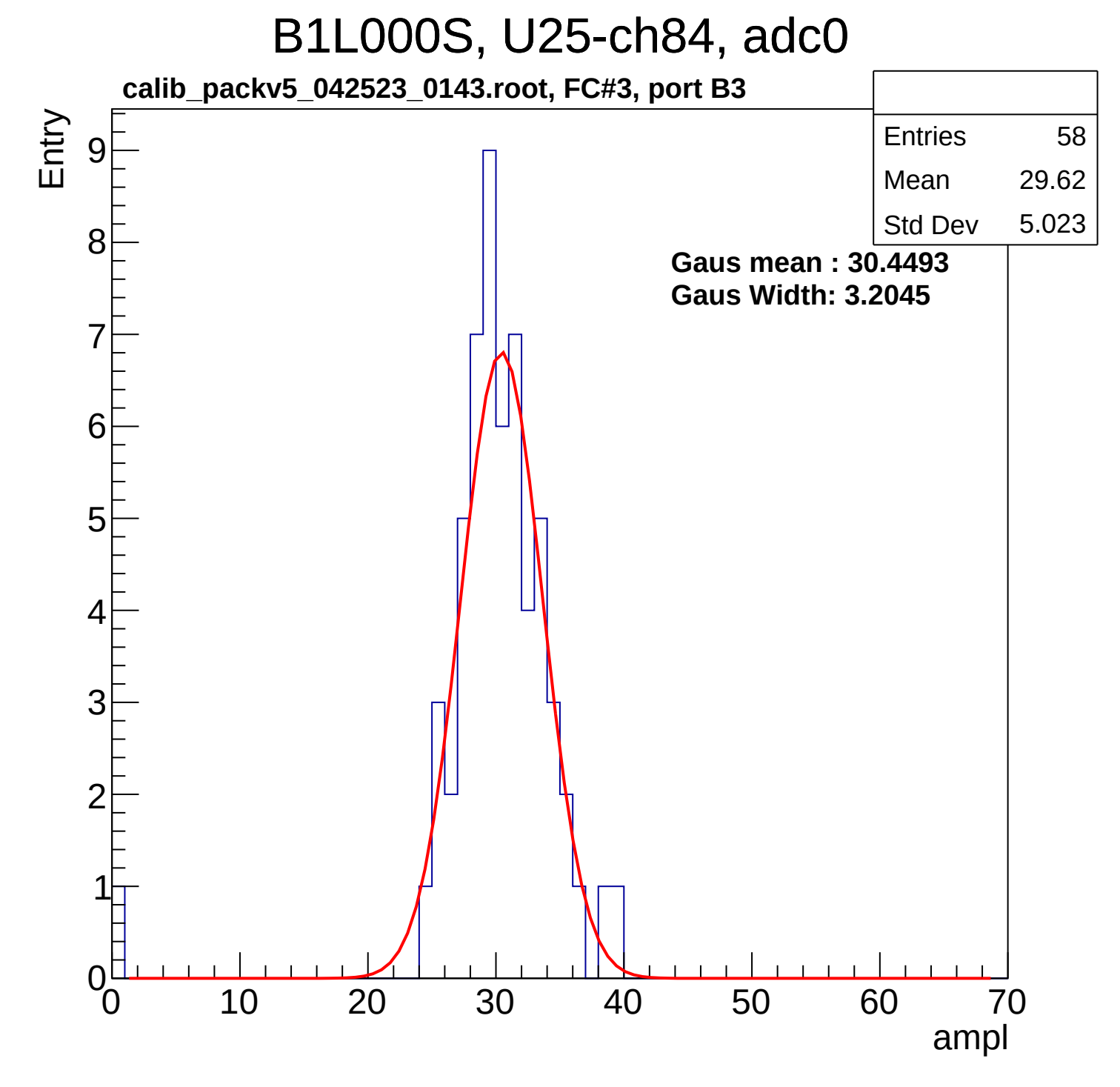
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch84, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 29.62
Std Dev 5.023
Gaus mean : 30.4493
Gaus Width: 3.2045
Entry
ampl
0
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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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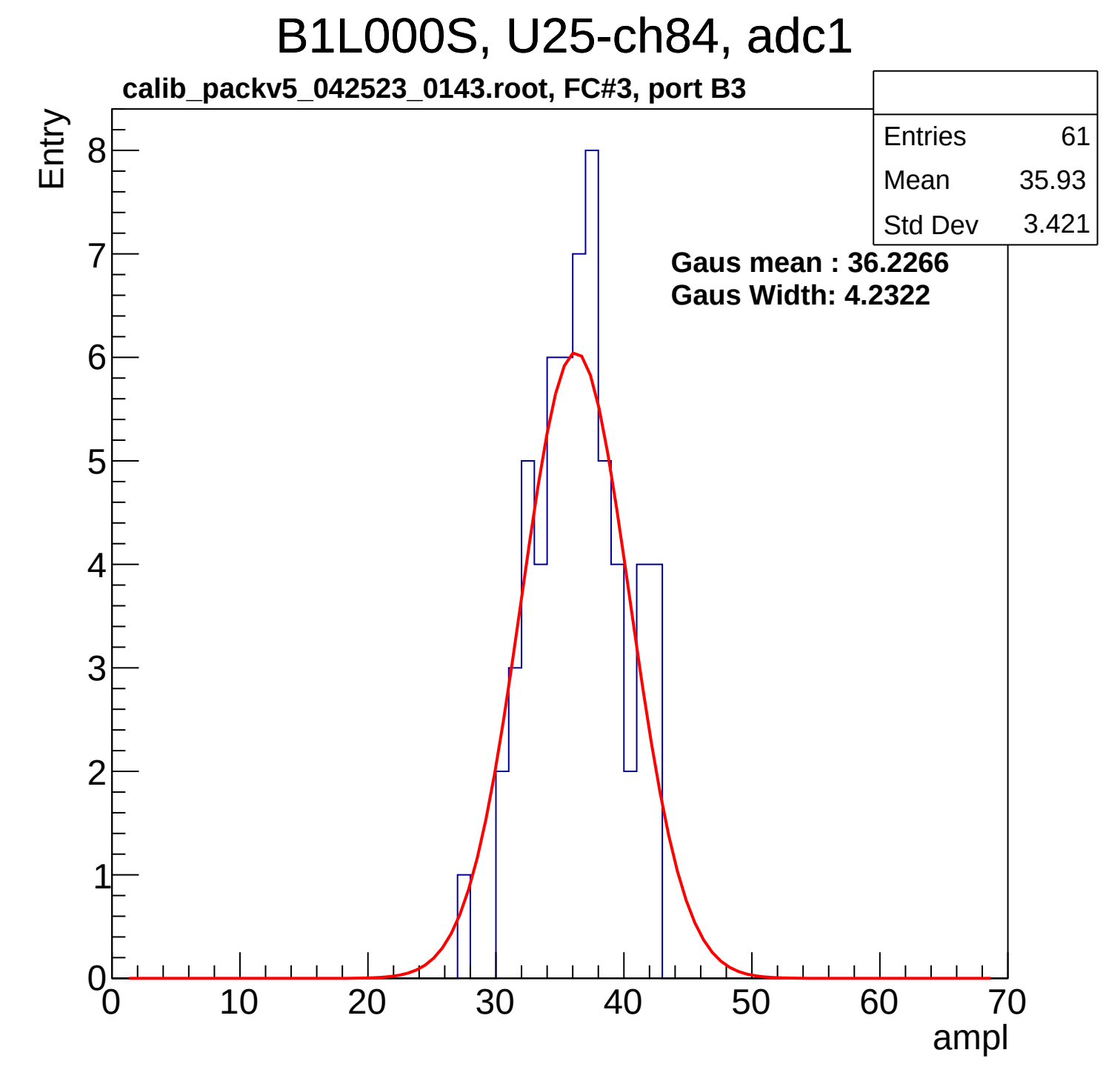
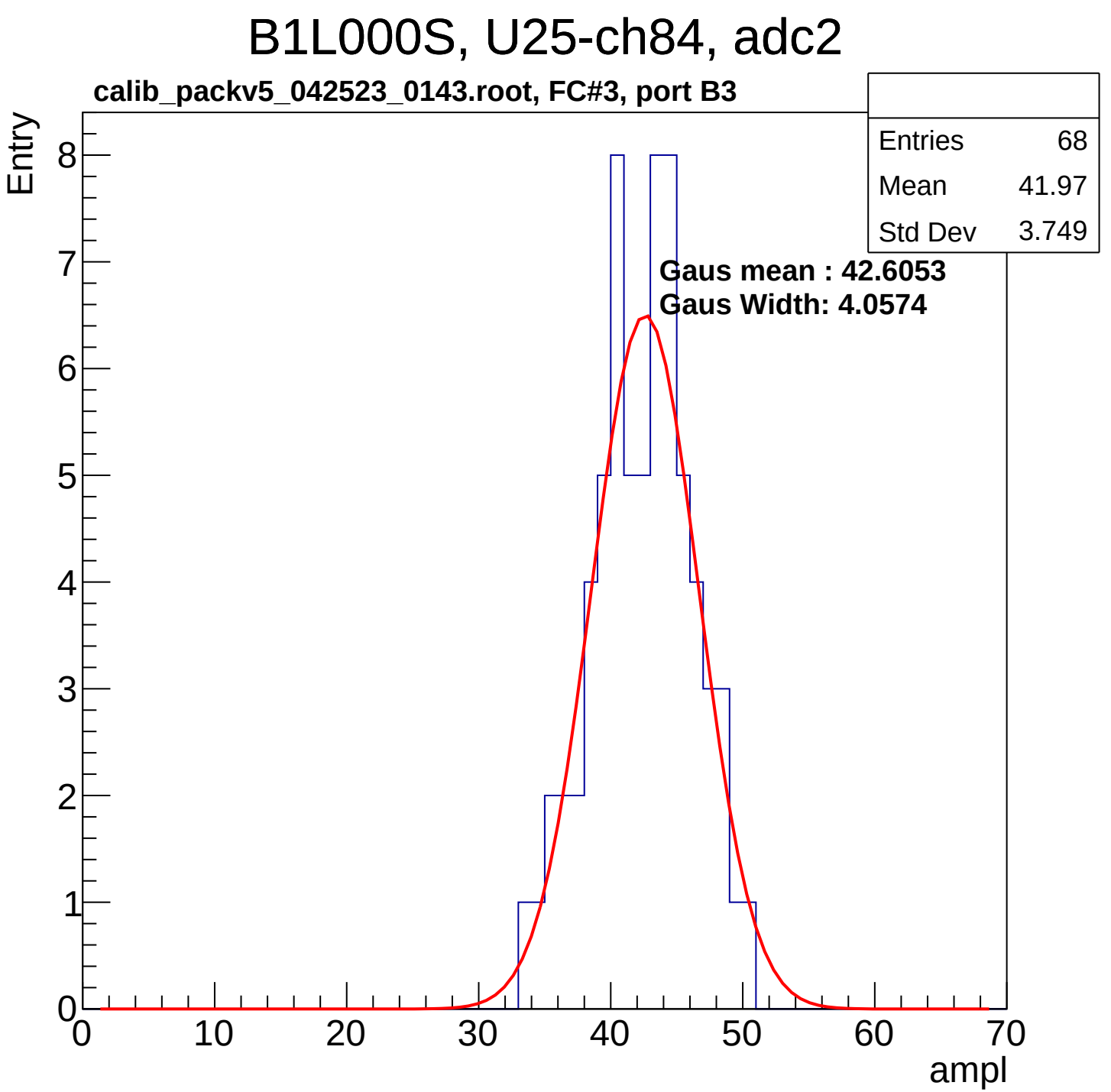

B1L000S, U25-ch84, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 35.93
Std Dev 3.421
Gaus mean : 36.2266
Gaus Width: 4.2322
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch84, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 41.97
Std Dev 3.749
Gaus mean : 42.6053
Gaus Width: 4.0574
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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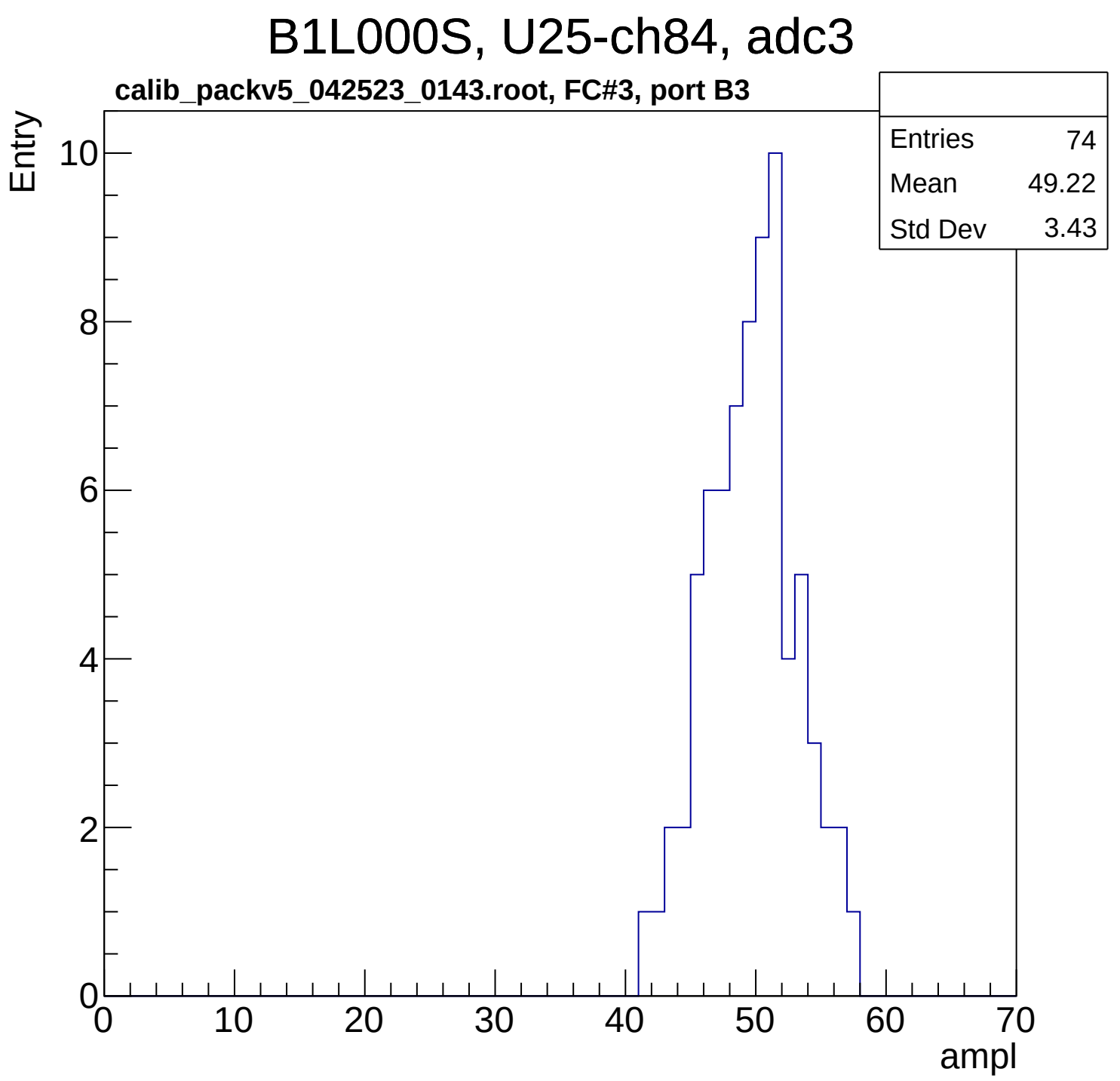
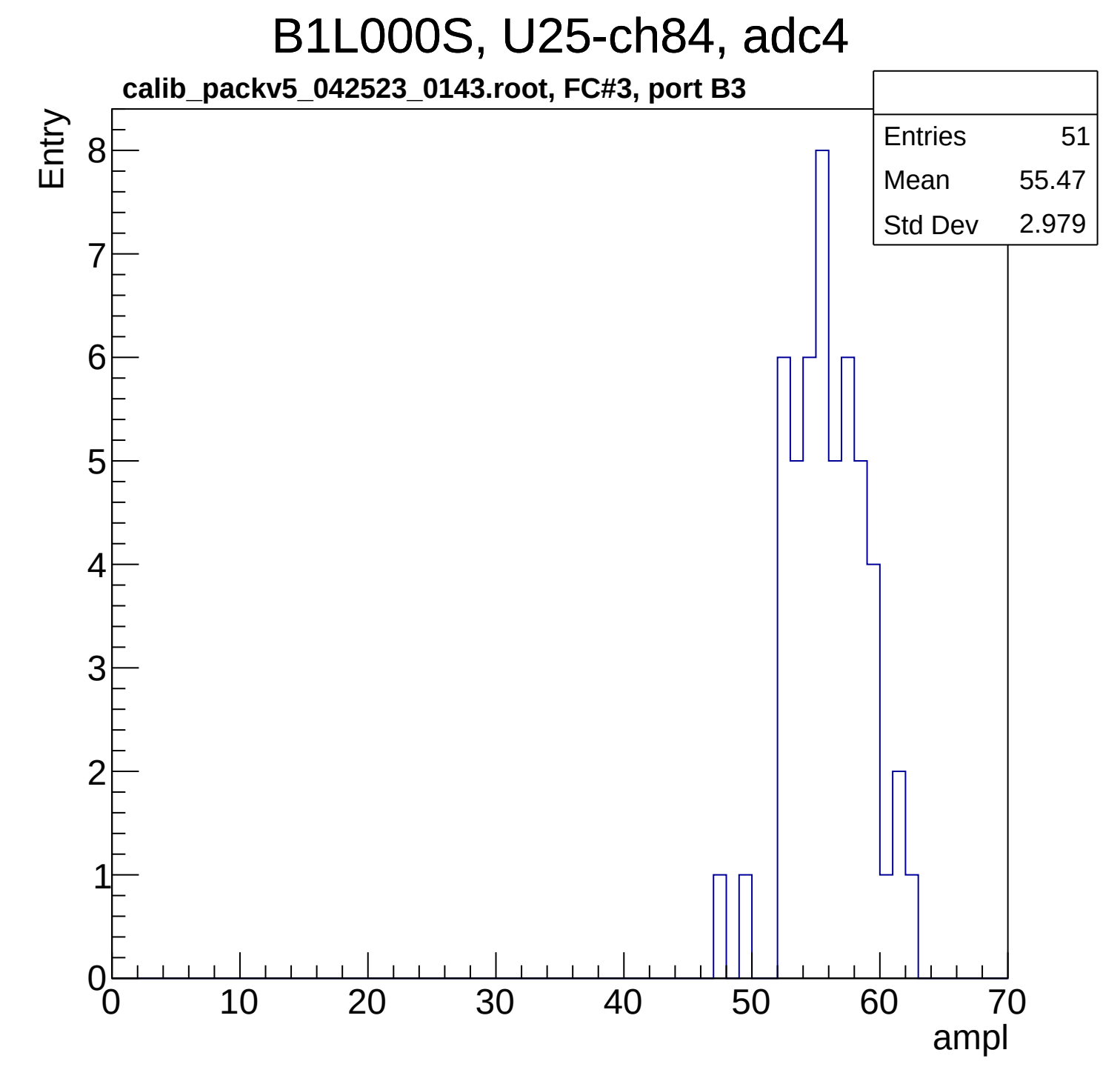

B1L000S, U25-ch84, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 49.22
Std Dev 3.43
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch84, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 55.47
Std Dev 2.979
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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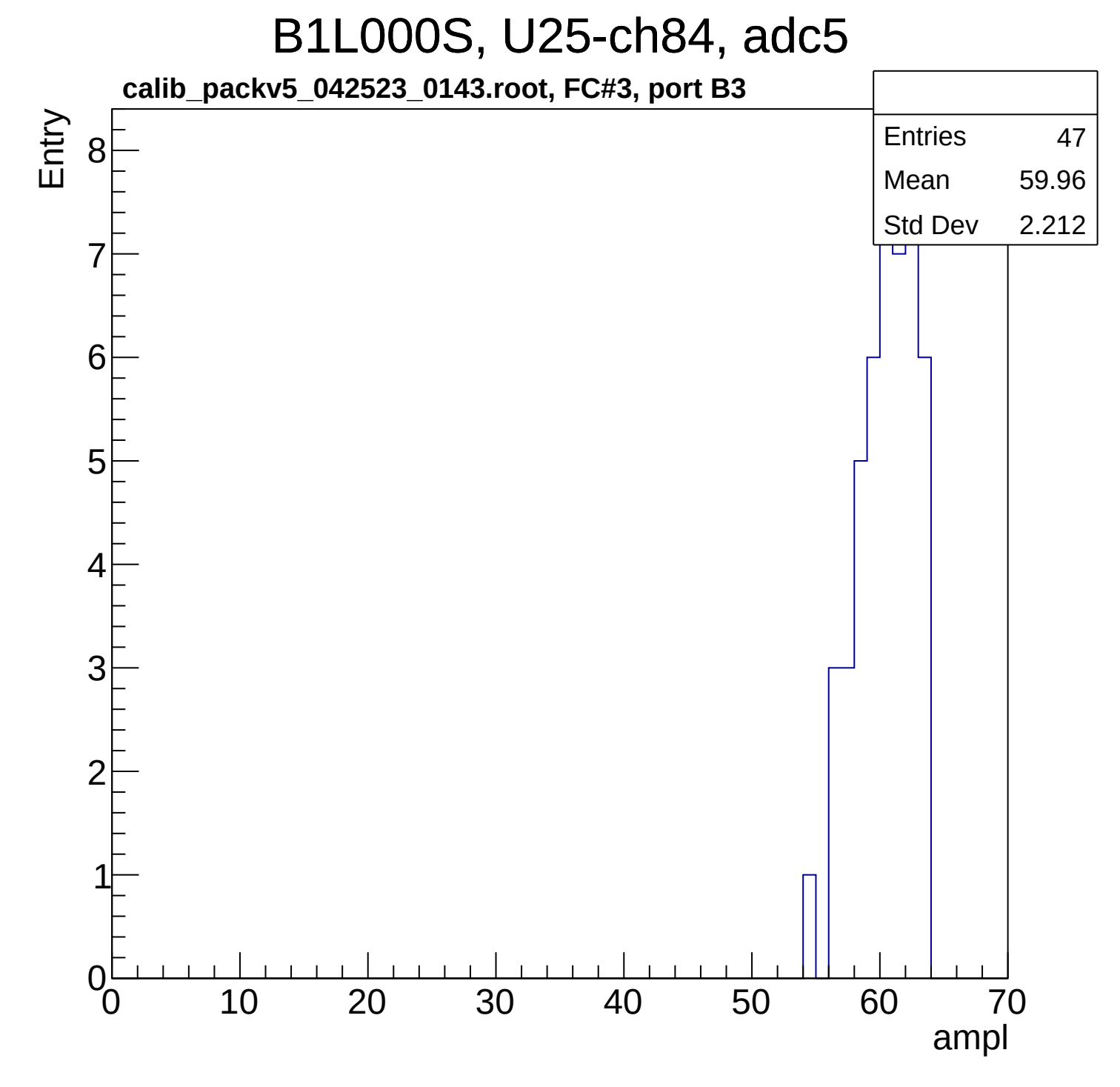
B1L000S, U25-ch84, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 59.96
Std Dev 2.212
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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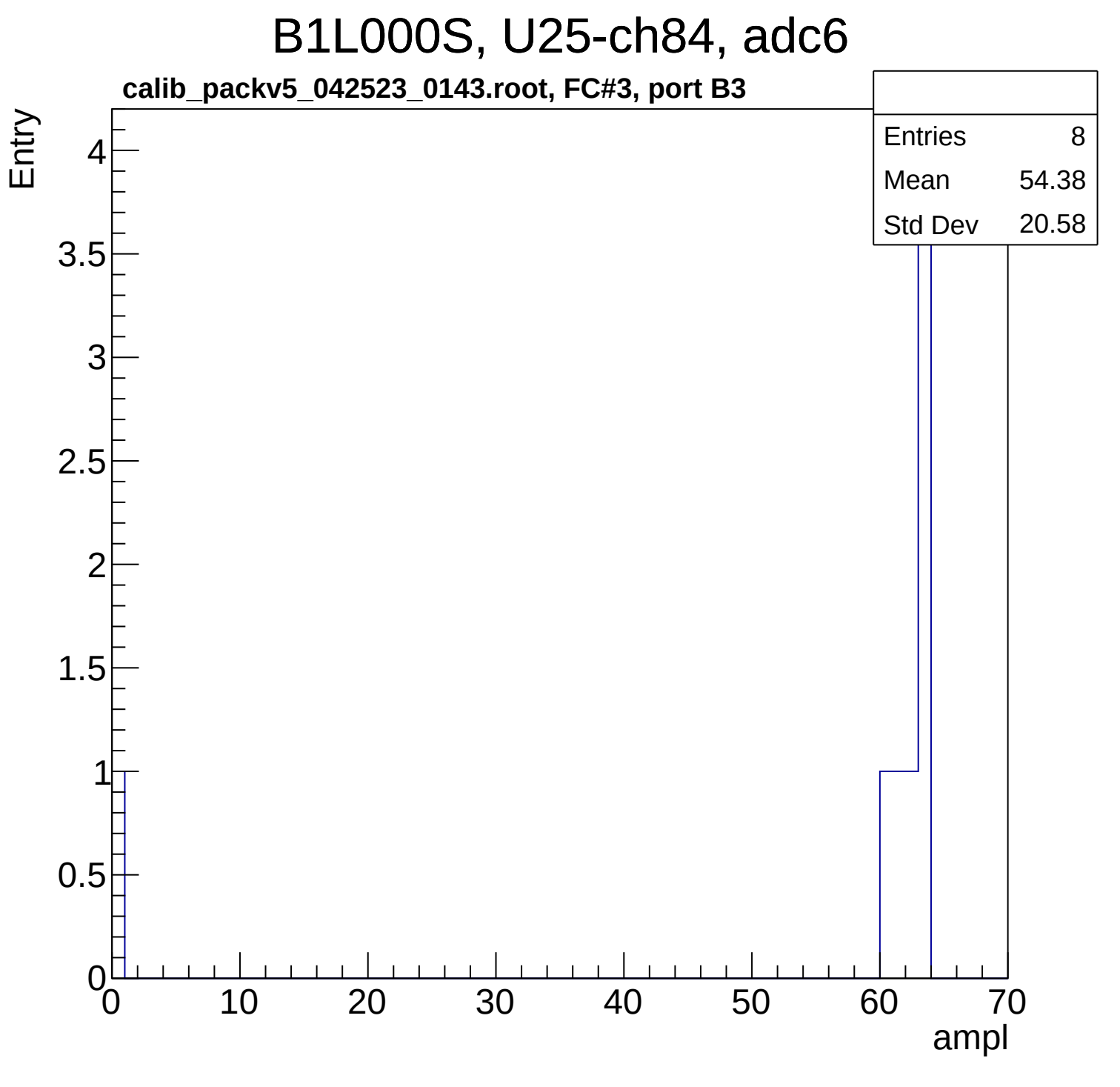
B1L000S, U25-ch84, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 54.38
Std Dev 20.58
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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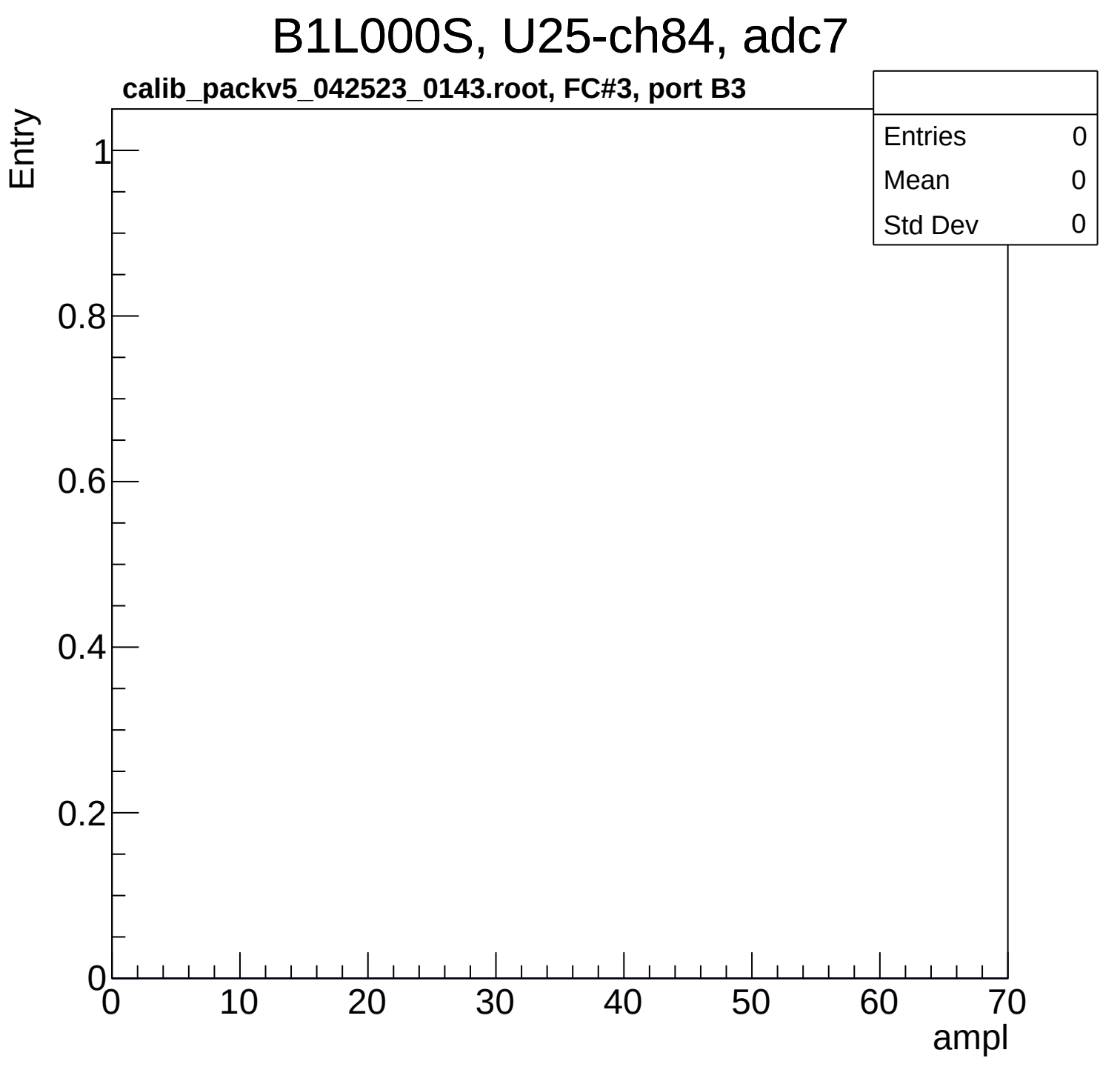
B1L000S, U25-ch84, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
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10
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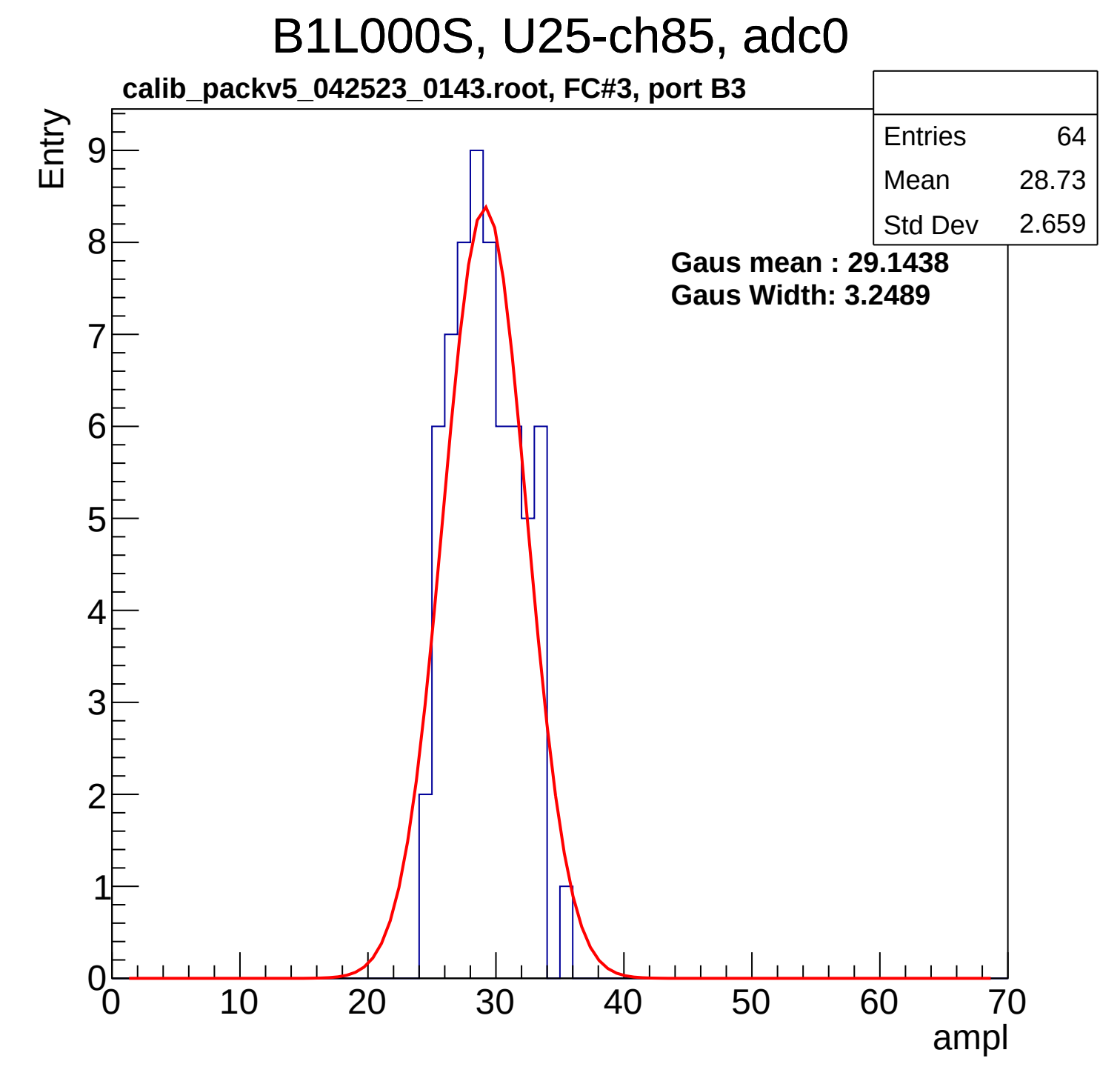
ampl


B1L000S, U25-ch85, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 28.73
Std Dev 2.659
Gaus mean : 29.1438
Gaus Width: 3.2489
Entry
ampl
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3
4
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6
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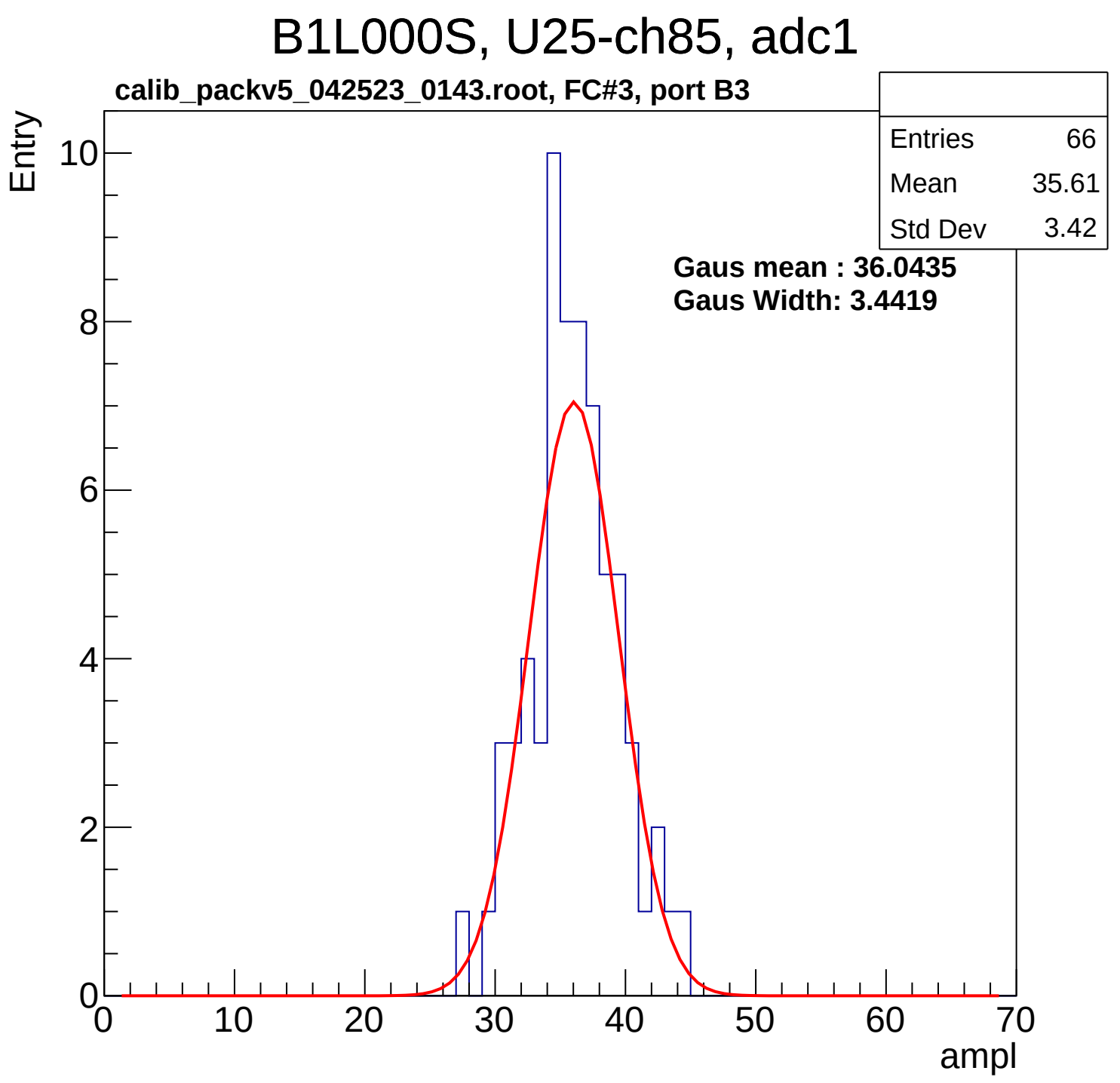
B1L000S, U25-ch85, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 35.61
Std Dev 3.42
Gaus mean : 36.0435
Gaus Width: 3.4419
Entry
ampl
0
2
4
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0
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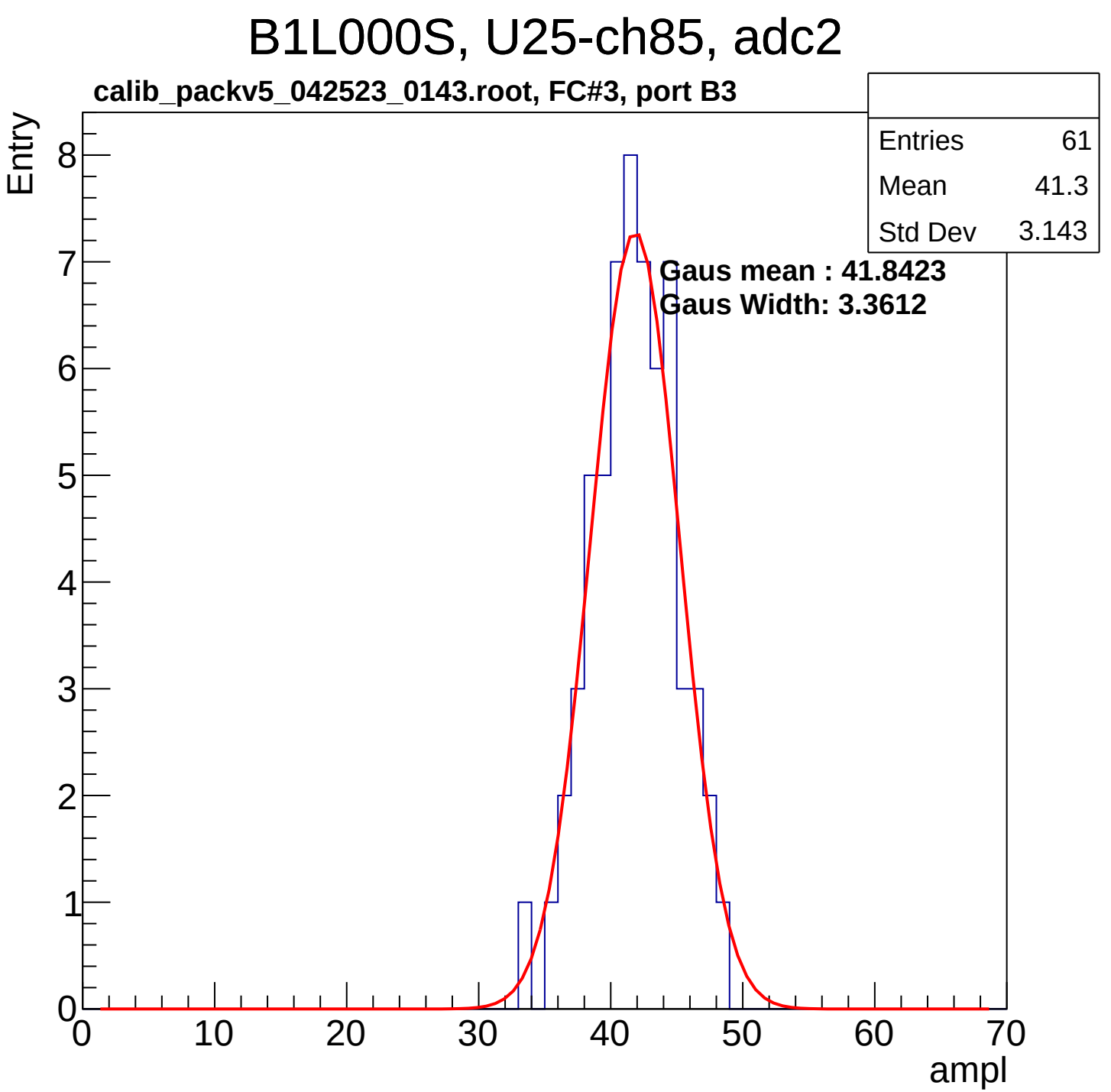
B1L000S, U25-ch85, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 41.3
Std Dev 3.143
Gaus mean : 41.8423
Gaus Width: 3.3612
Entry
ampl
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1
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3
4
5
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0
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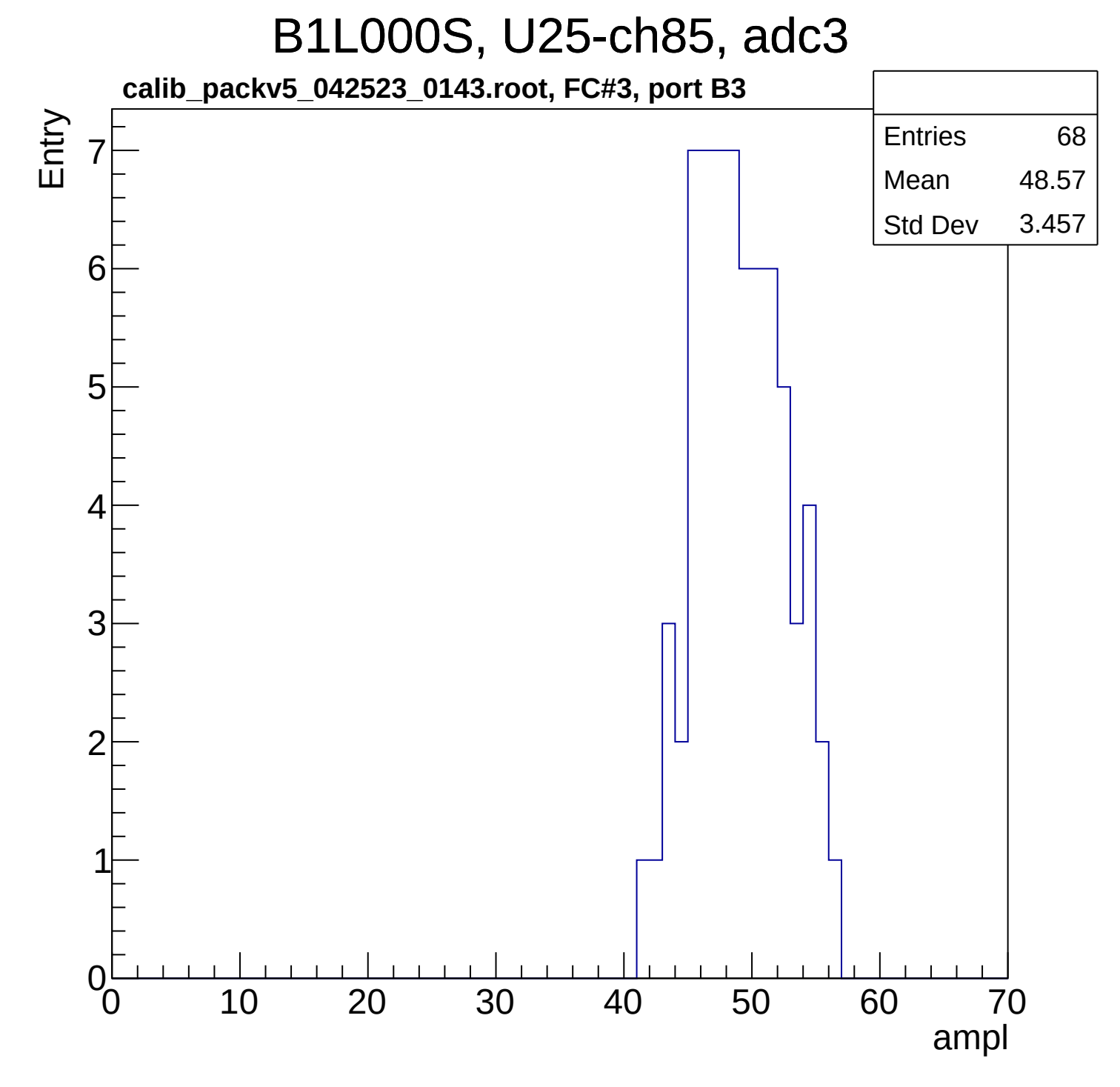
B1L000S, U25-ch85, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 48.57
Std Dev 3.457
Entry
ampl
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1
2
3
4
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0
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60
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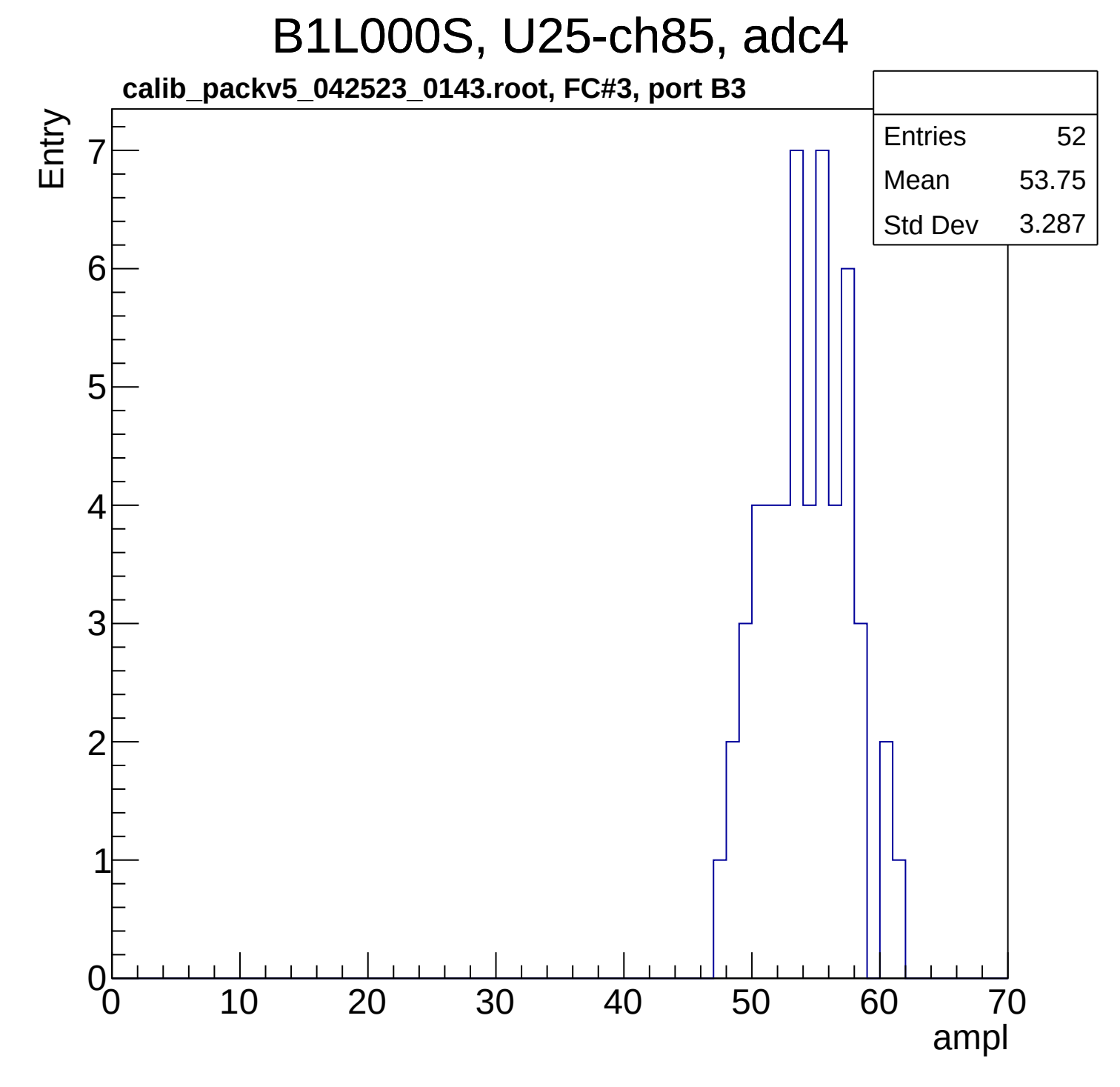
B1L000S, U25-ch85, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 53.75
Std Dev 3.287
Entry
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1
2
3
4
5
6
7
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10
20
30
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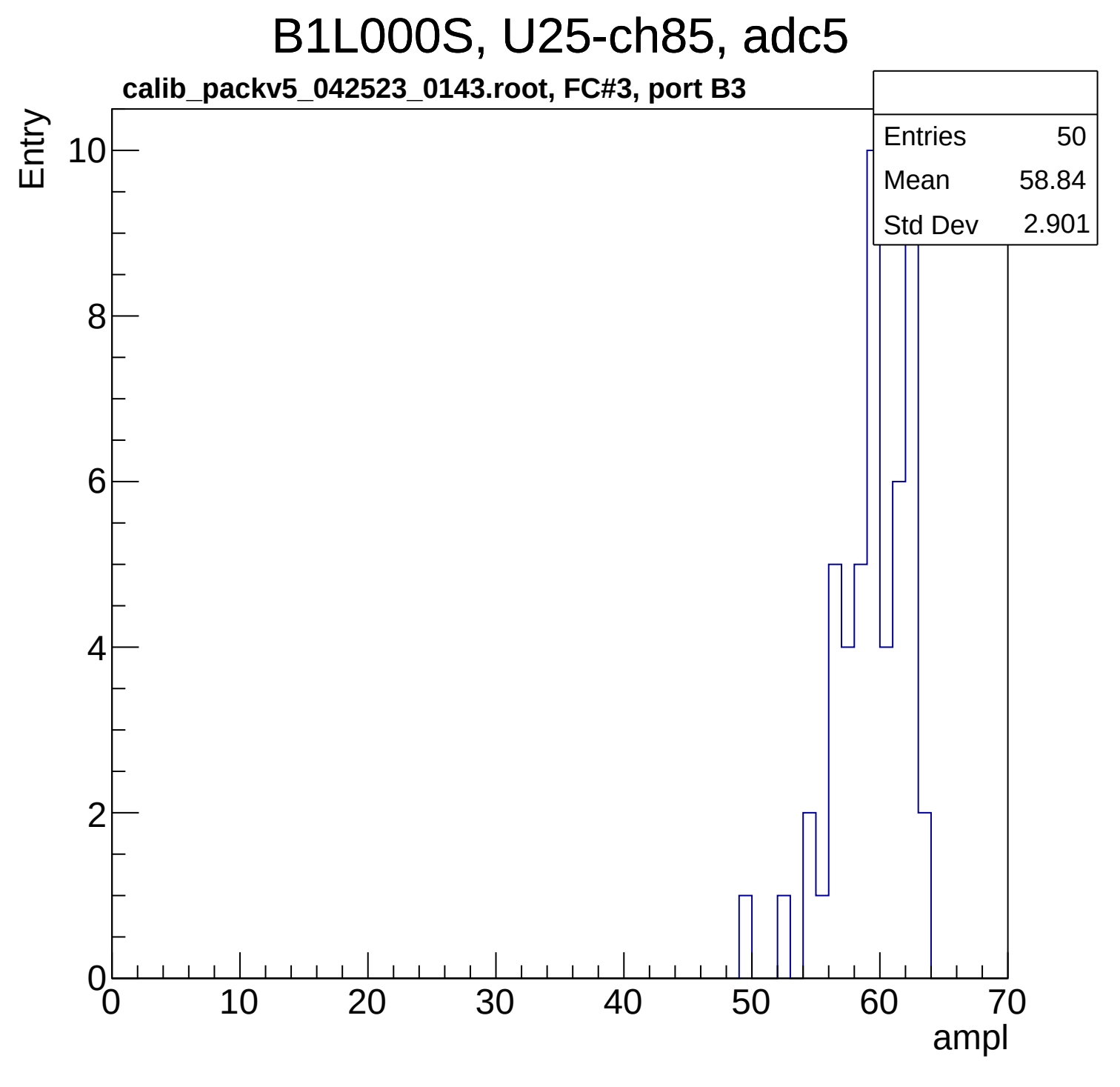
50
60
70
ampl


B1L000S, U25-ch85, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 58.84
Std Dev 2.901
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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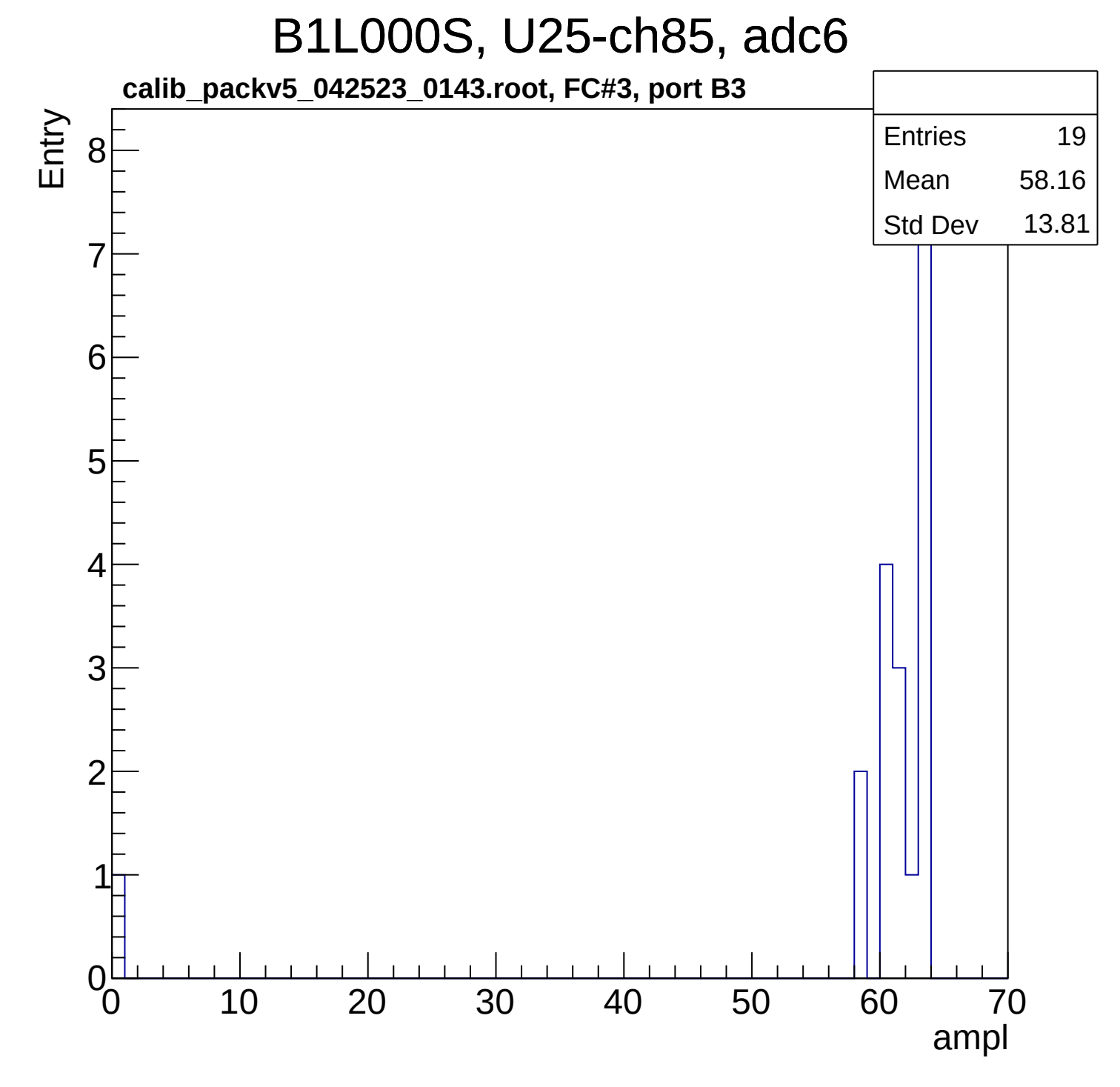
B1L000S, U25-ch85, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 19
Mean 58.16
Std Dev 13.81
Entry
ampl
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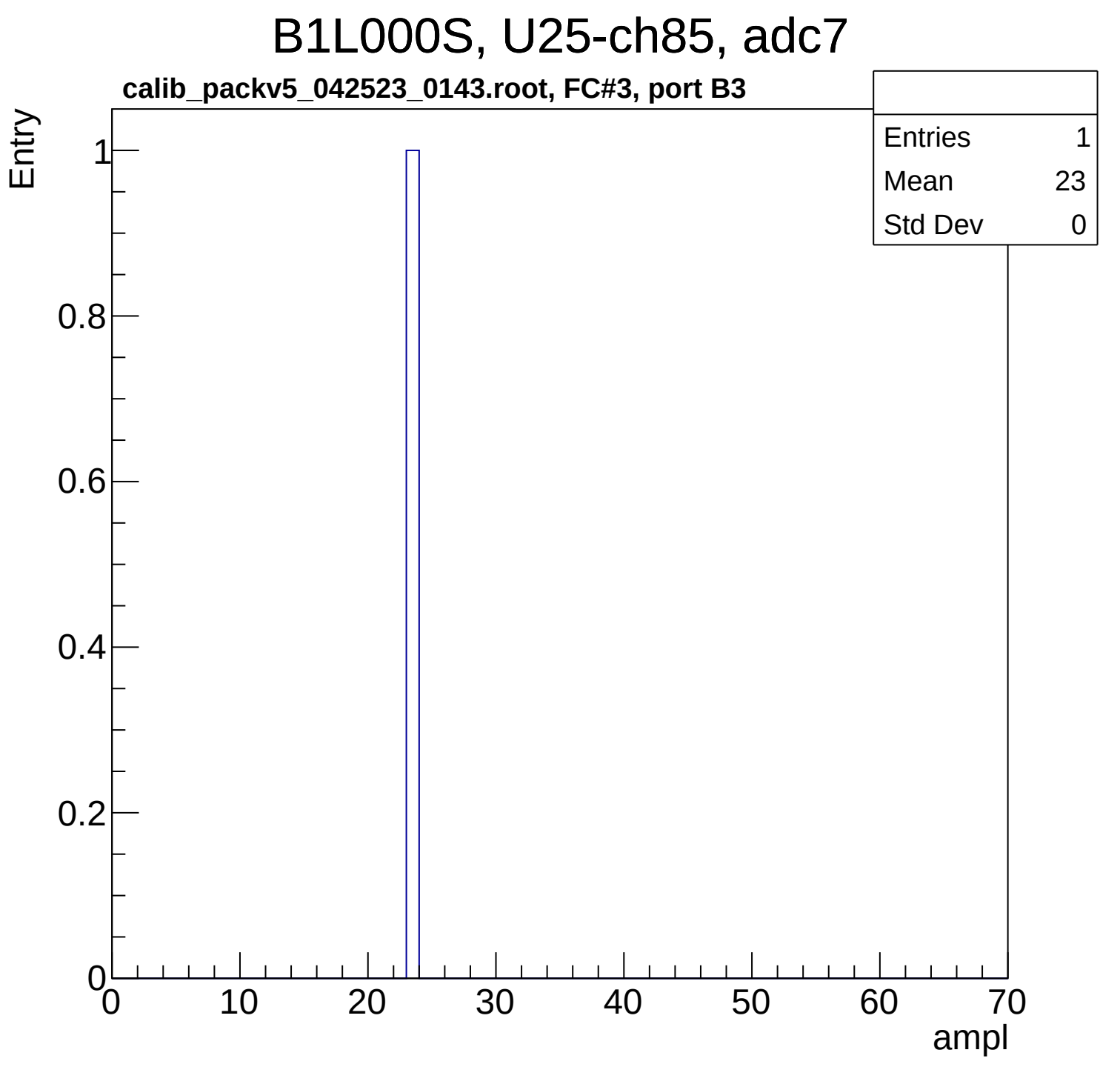
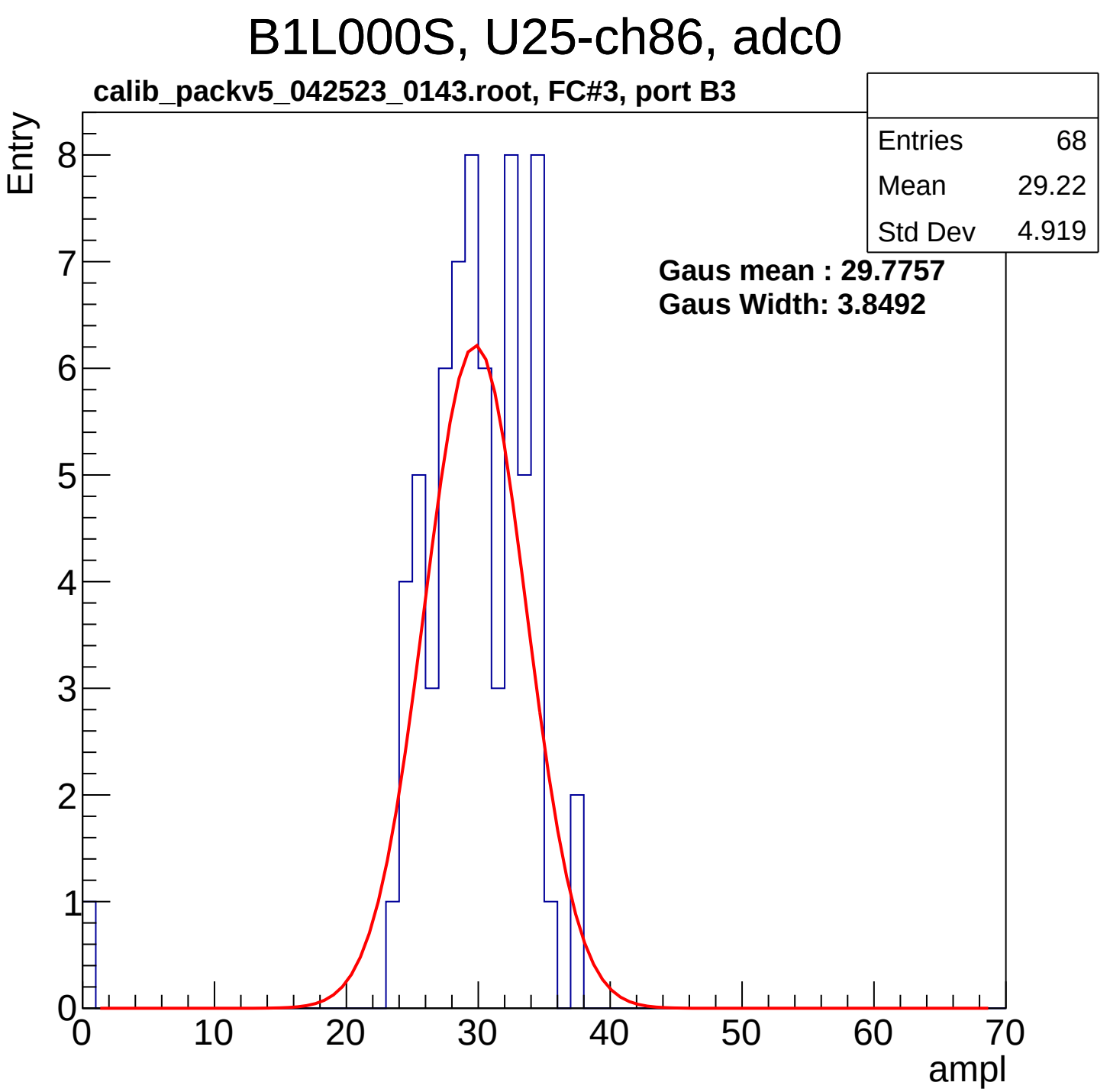
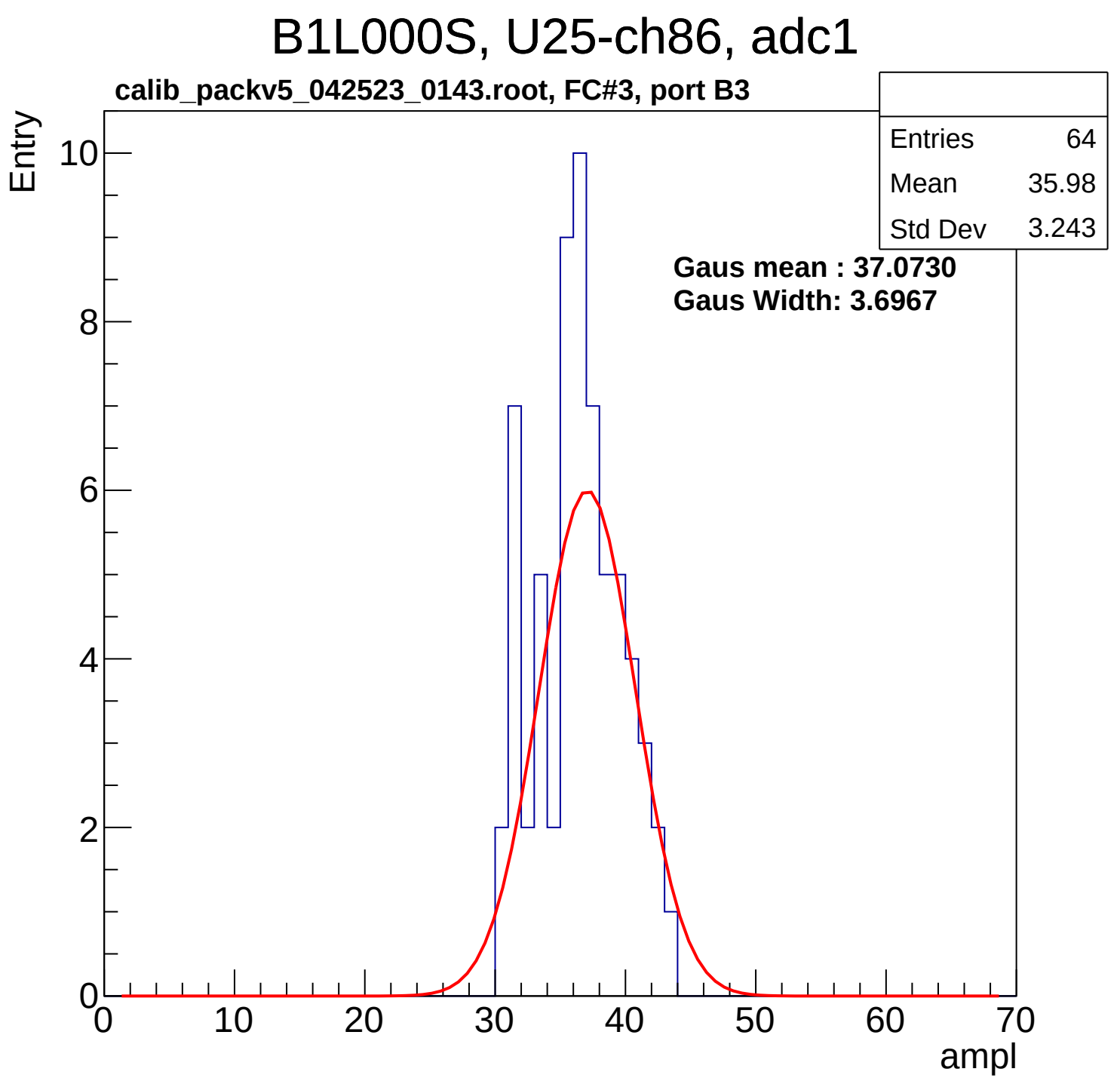
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch85, 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, U25-ch86, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 29.22
Std Dev 4.919
Gaus mean : 29.7757
Gaus Width: 3.8492
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch86, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 35.98
Std Dev 3.243
Gaus mean : 37.0730
Gaus Width: 3.6967
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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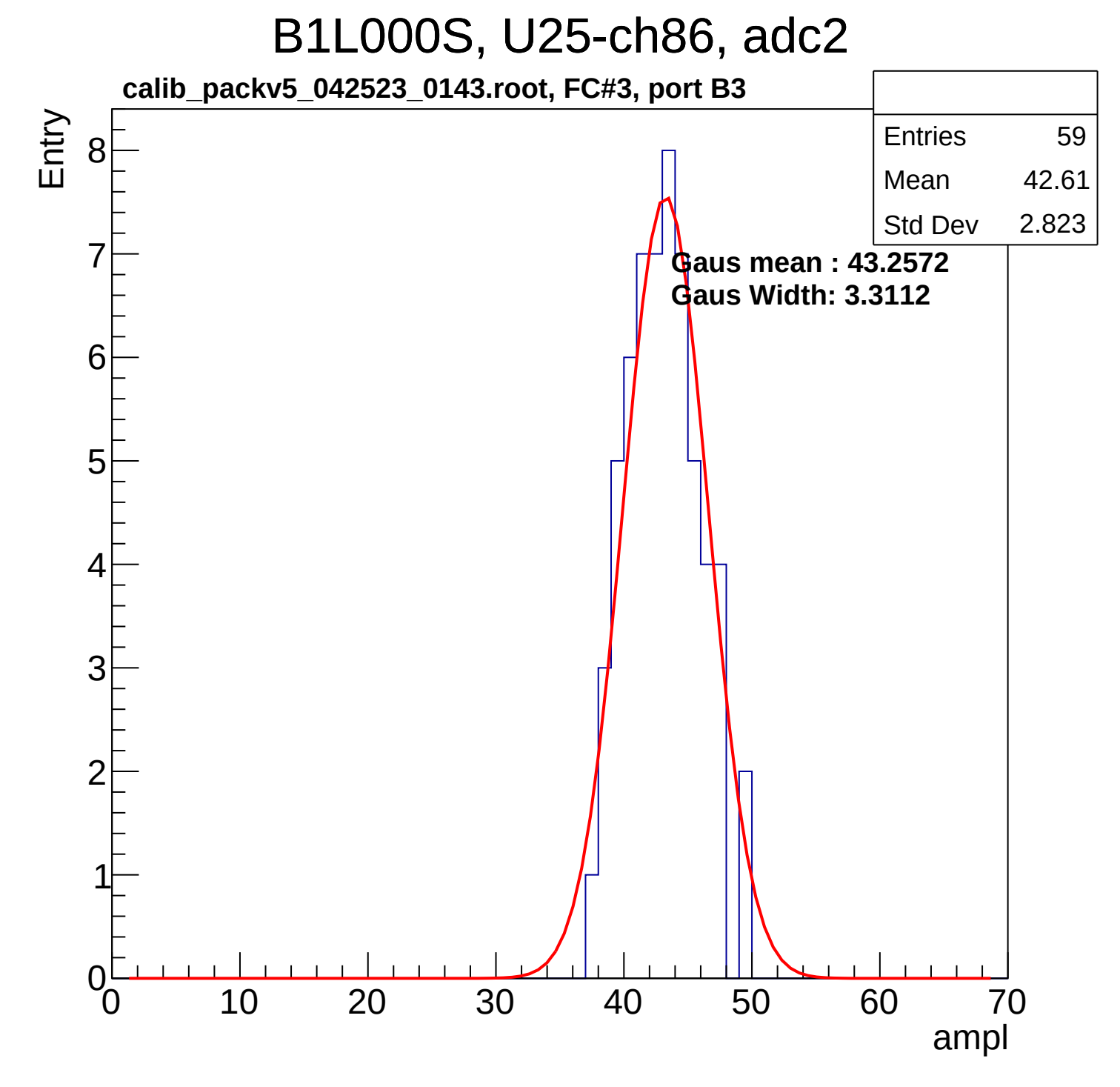
B1L000S, U25-ch86, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 42.61
Std Dev 2.823
Gaus mean : 43.2572
Gaus Width: 3.3112
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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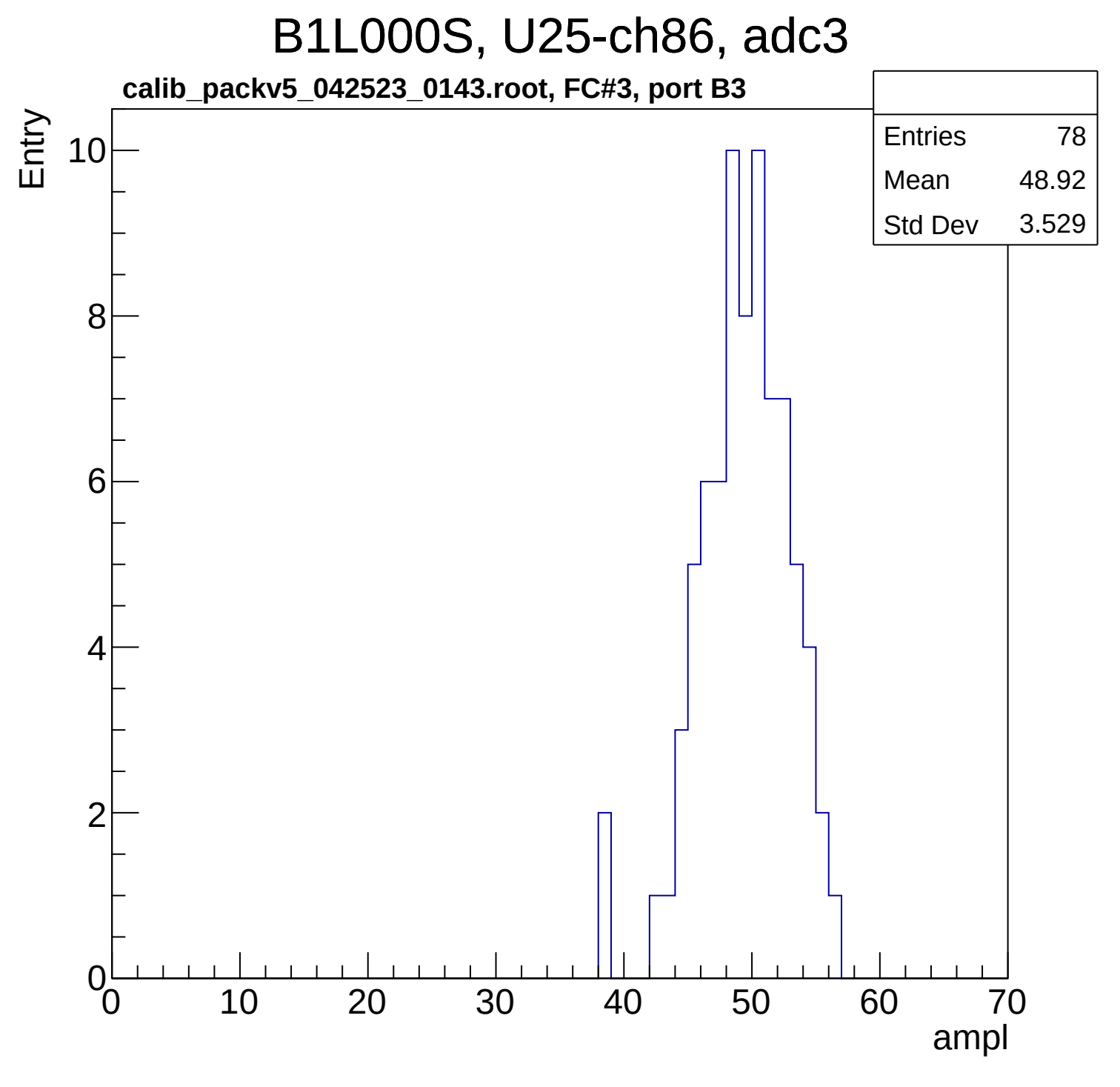
B1L000S, U25-ch86, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 48.92
Std Dev 3.529
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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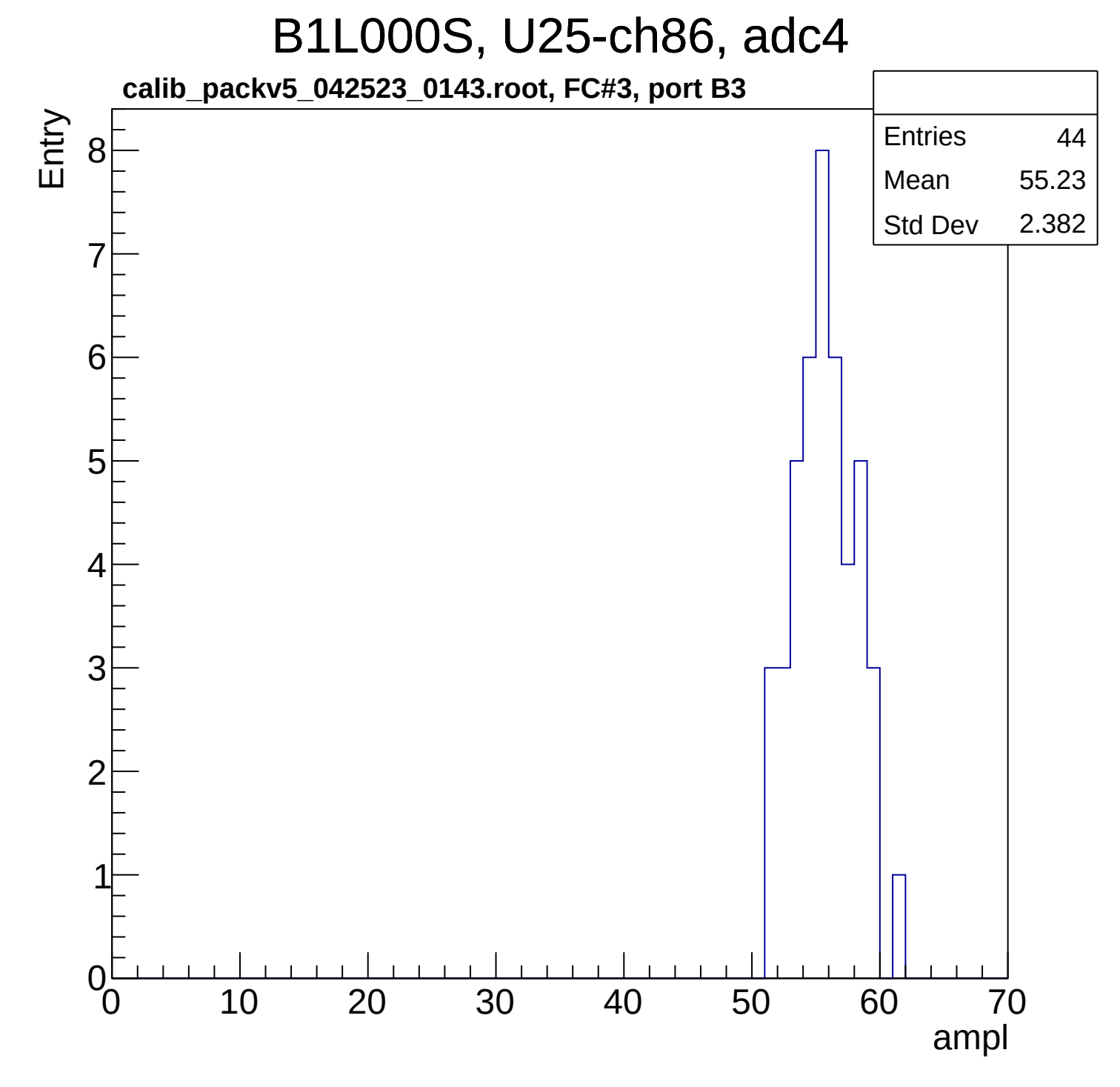
B1L000S, U25-ch86, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 55.23
Std Dev 2.382
Entry
ampl
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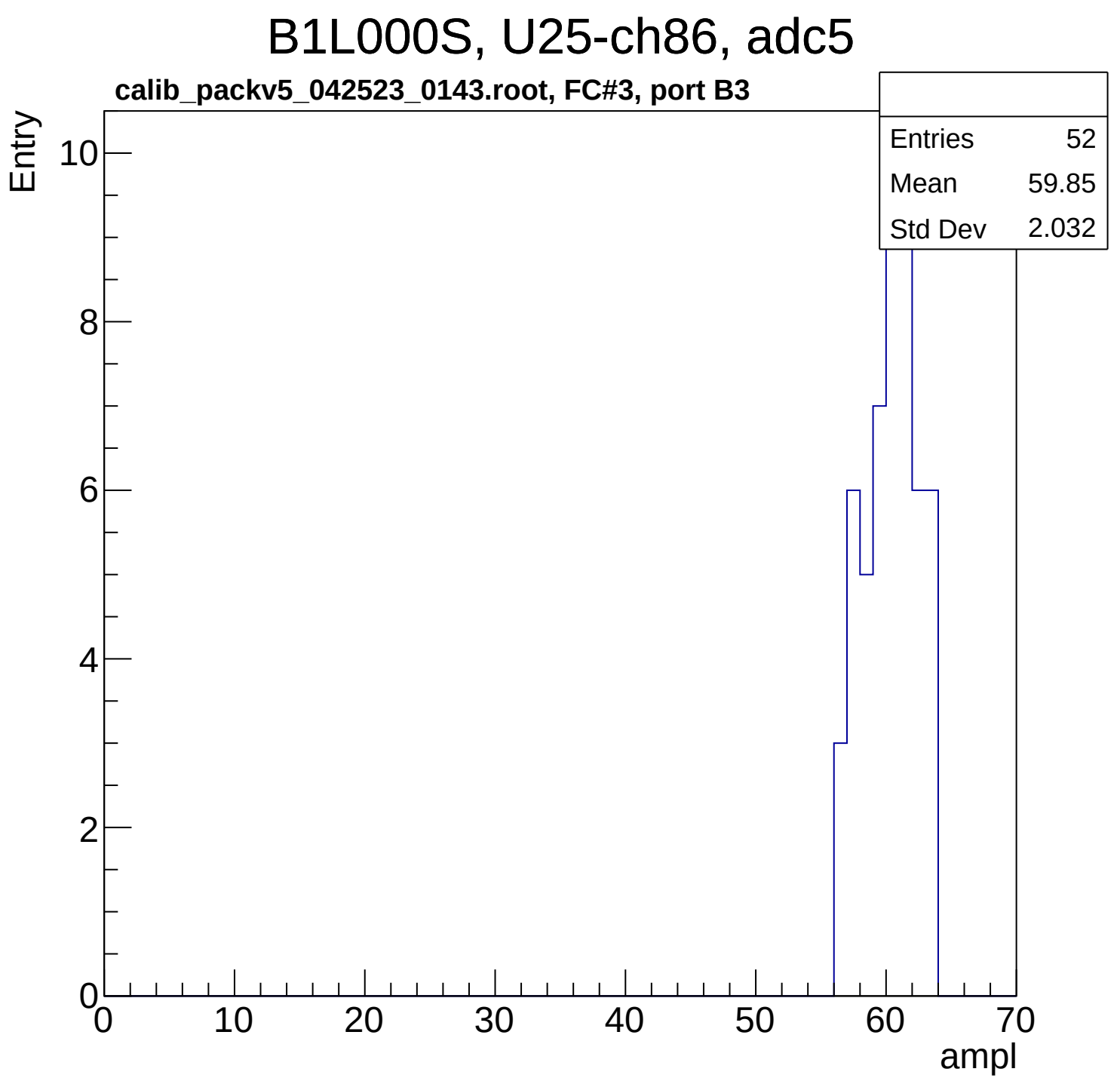
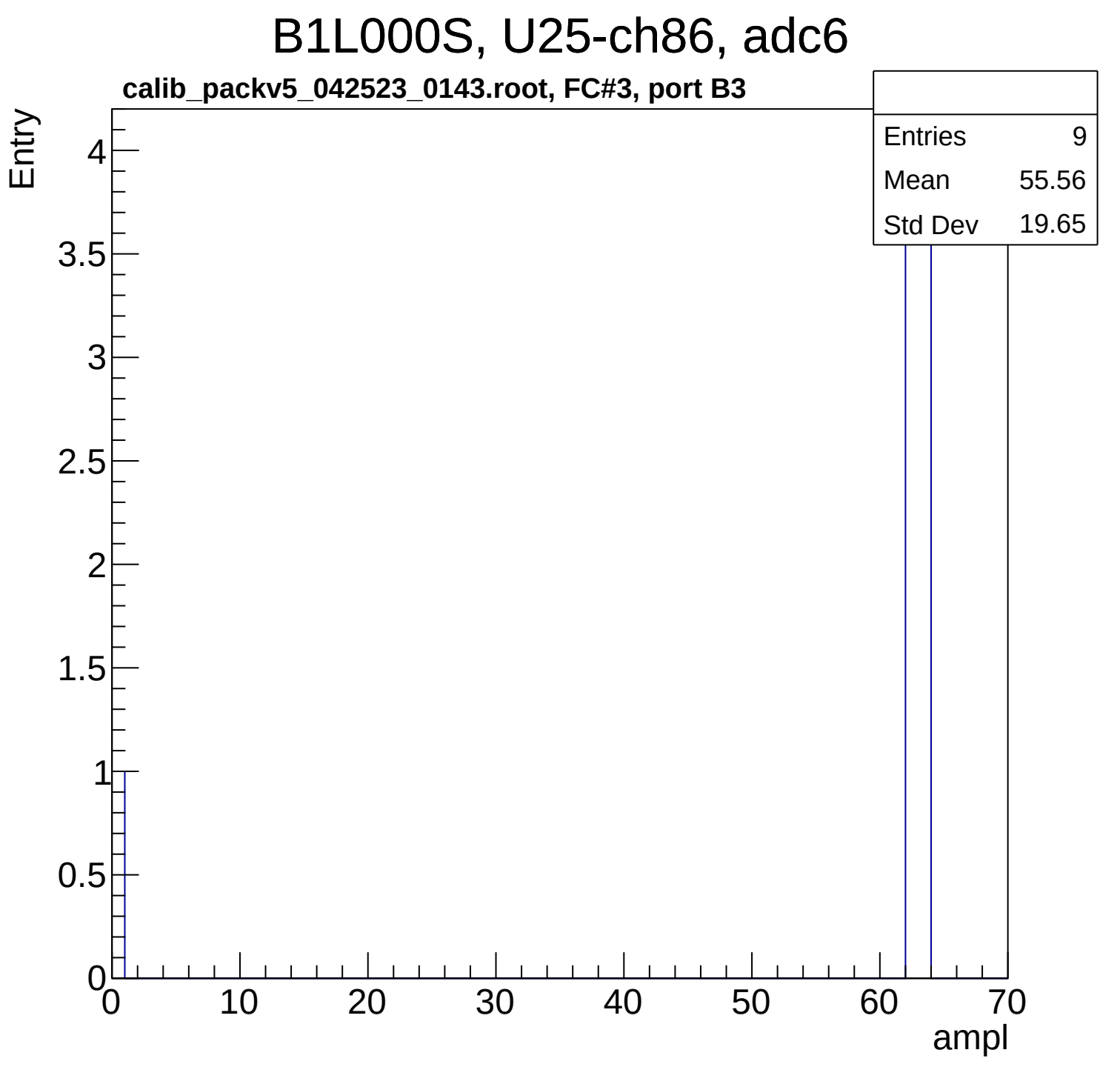
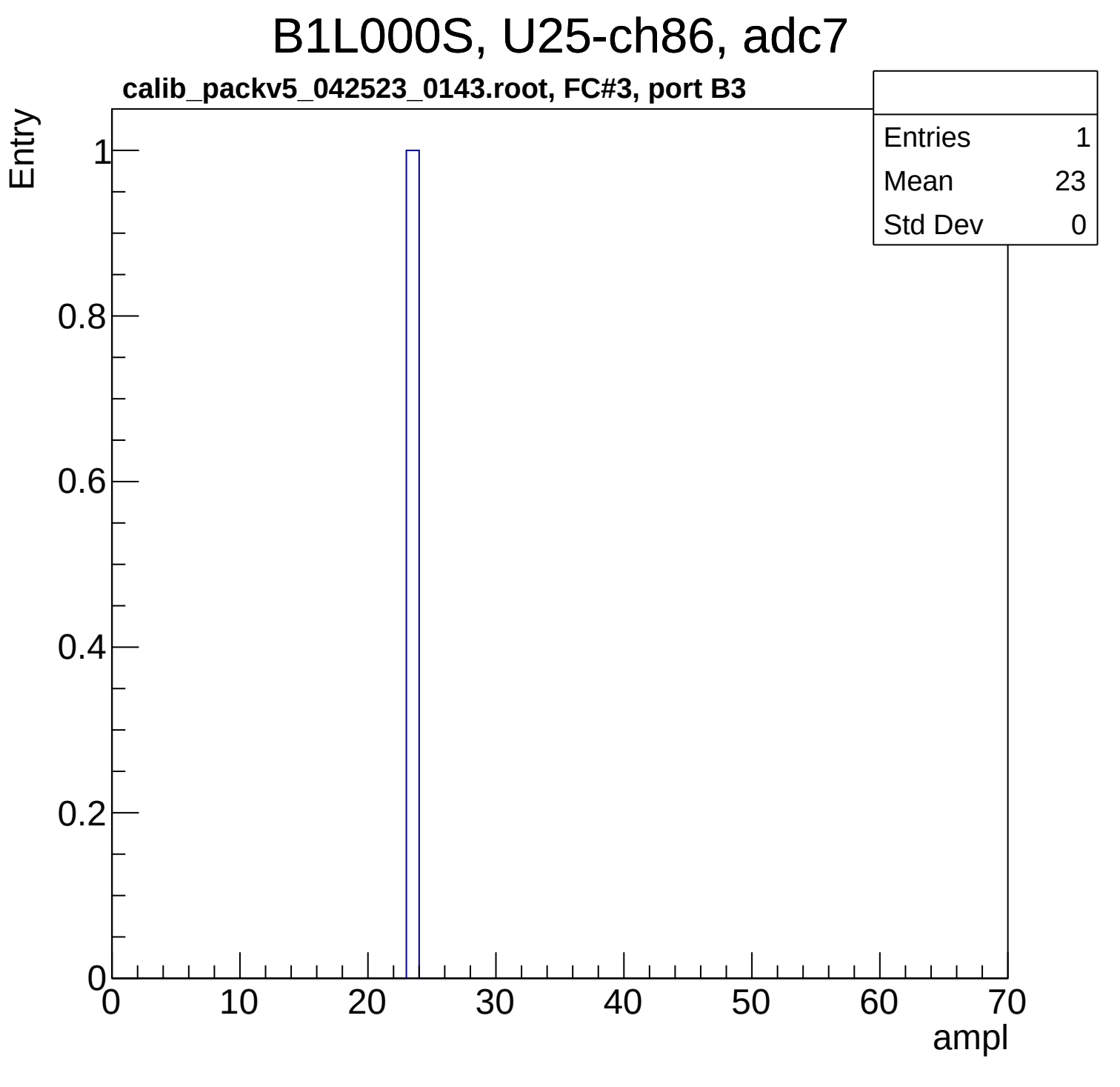
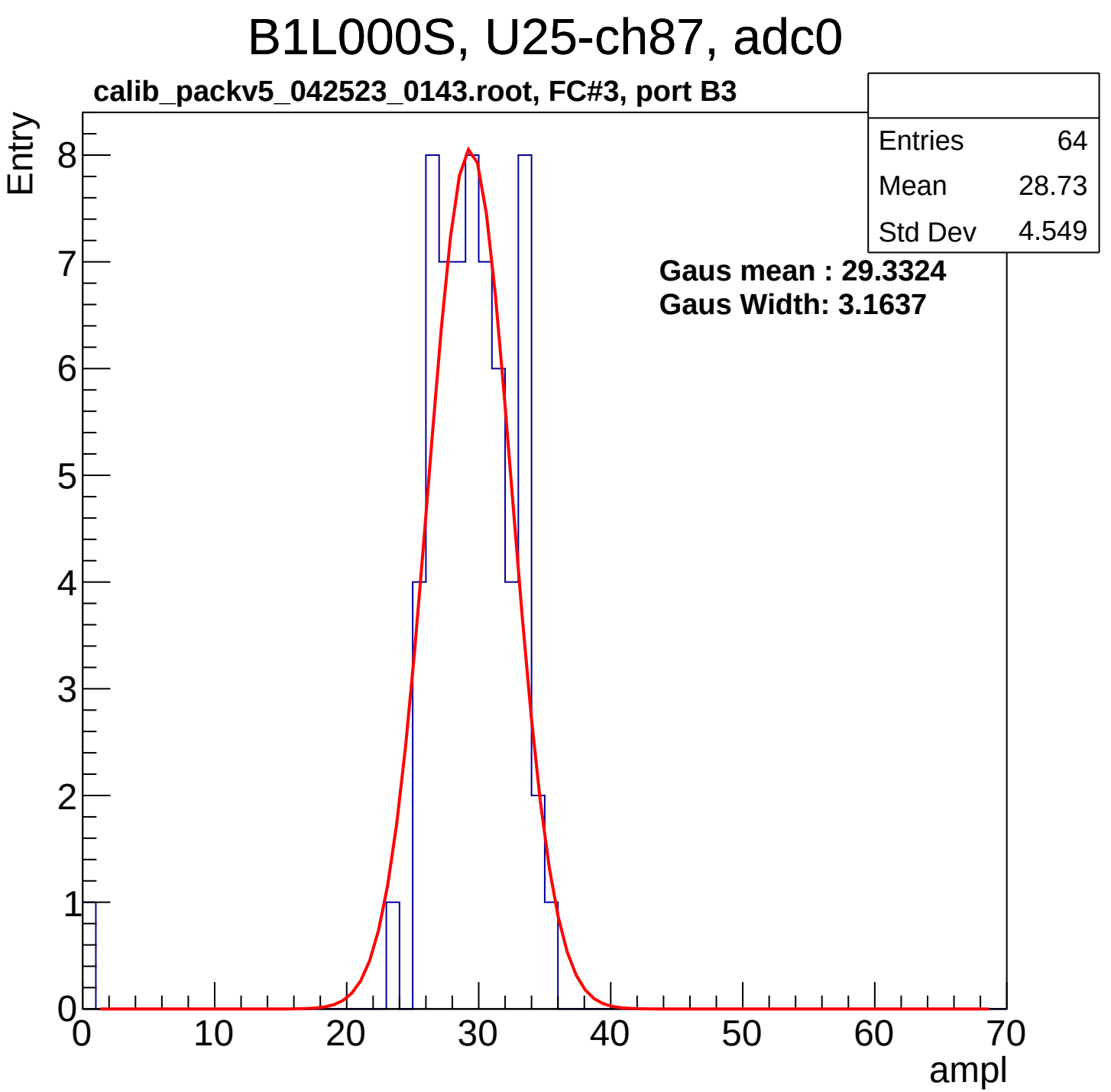
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch86, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 59.85
Std Dev 2.032
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch86, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 55.56
Std Dev 19.65
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U25-ch86, 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, U25-ch87, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 28.73
Std Dev 4.549
Gaus mean : 29.3324
Gaus Width: 3.1637
Entry
ampl
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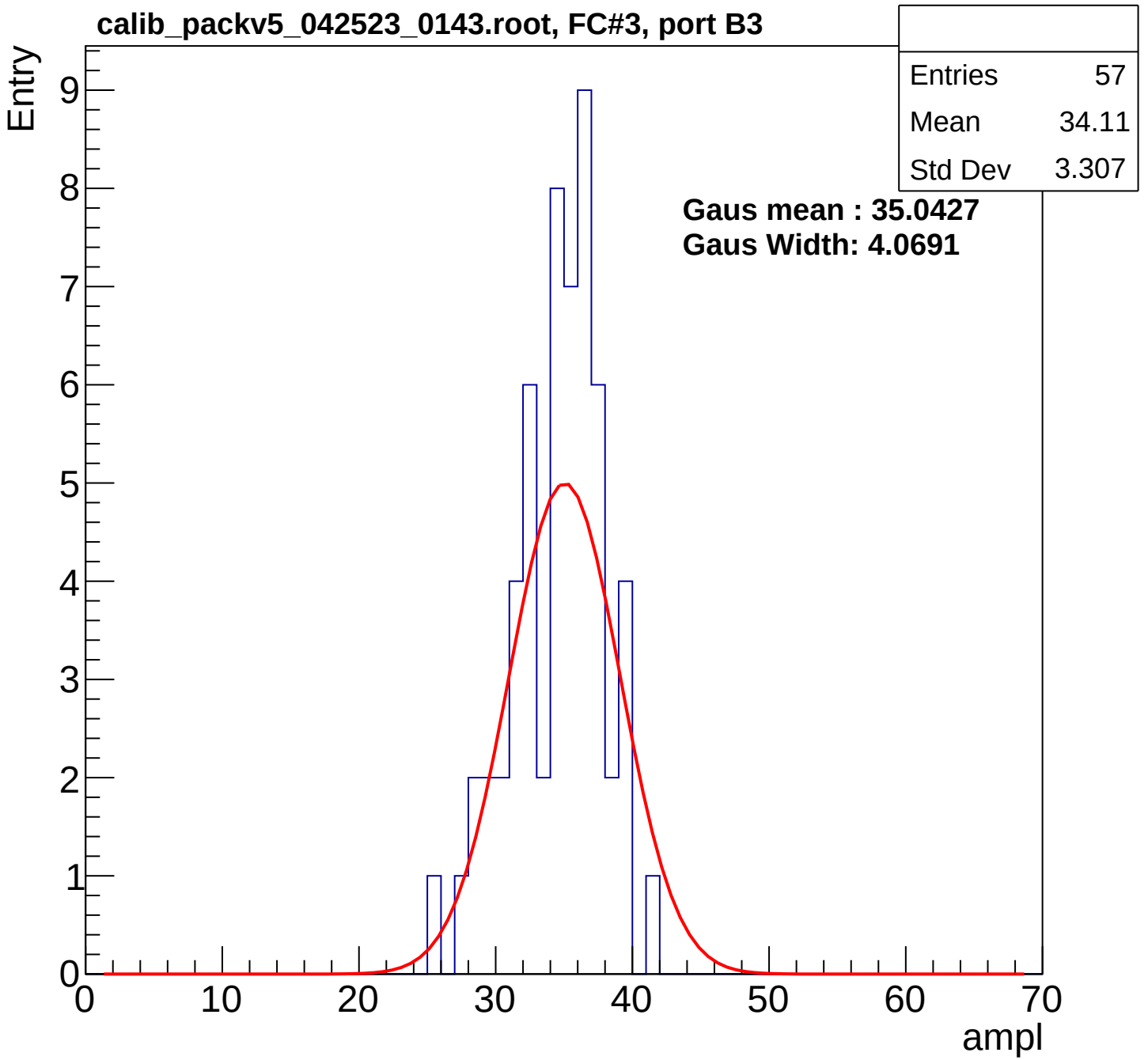
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch87, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 34.11
Std Dev 3.307
Gaus mean : 35.0427
Gaus Width: 4.0691
Entry
ampl
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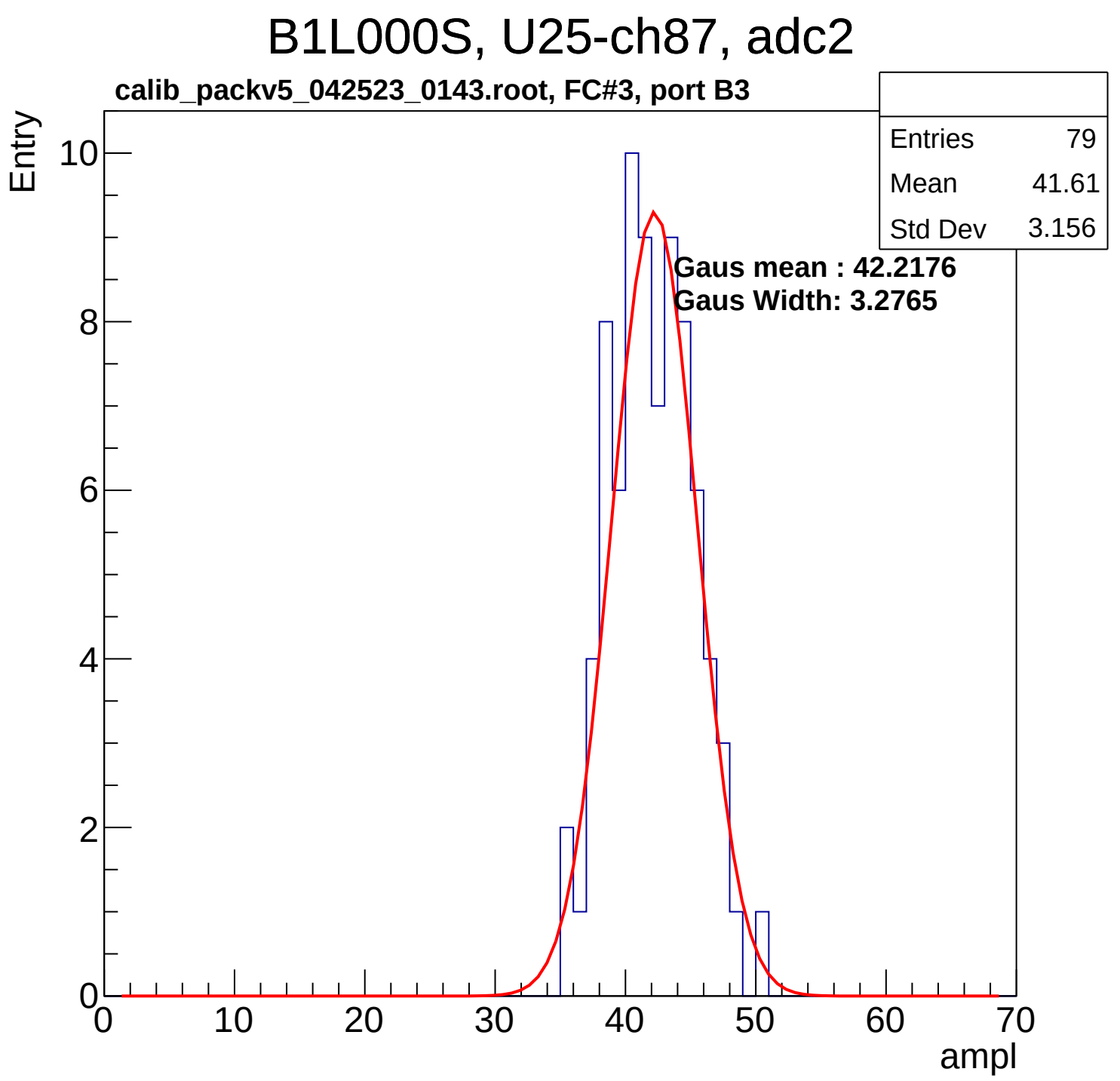
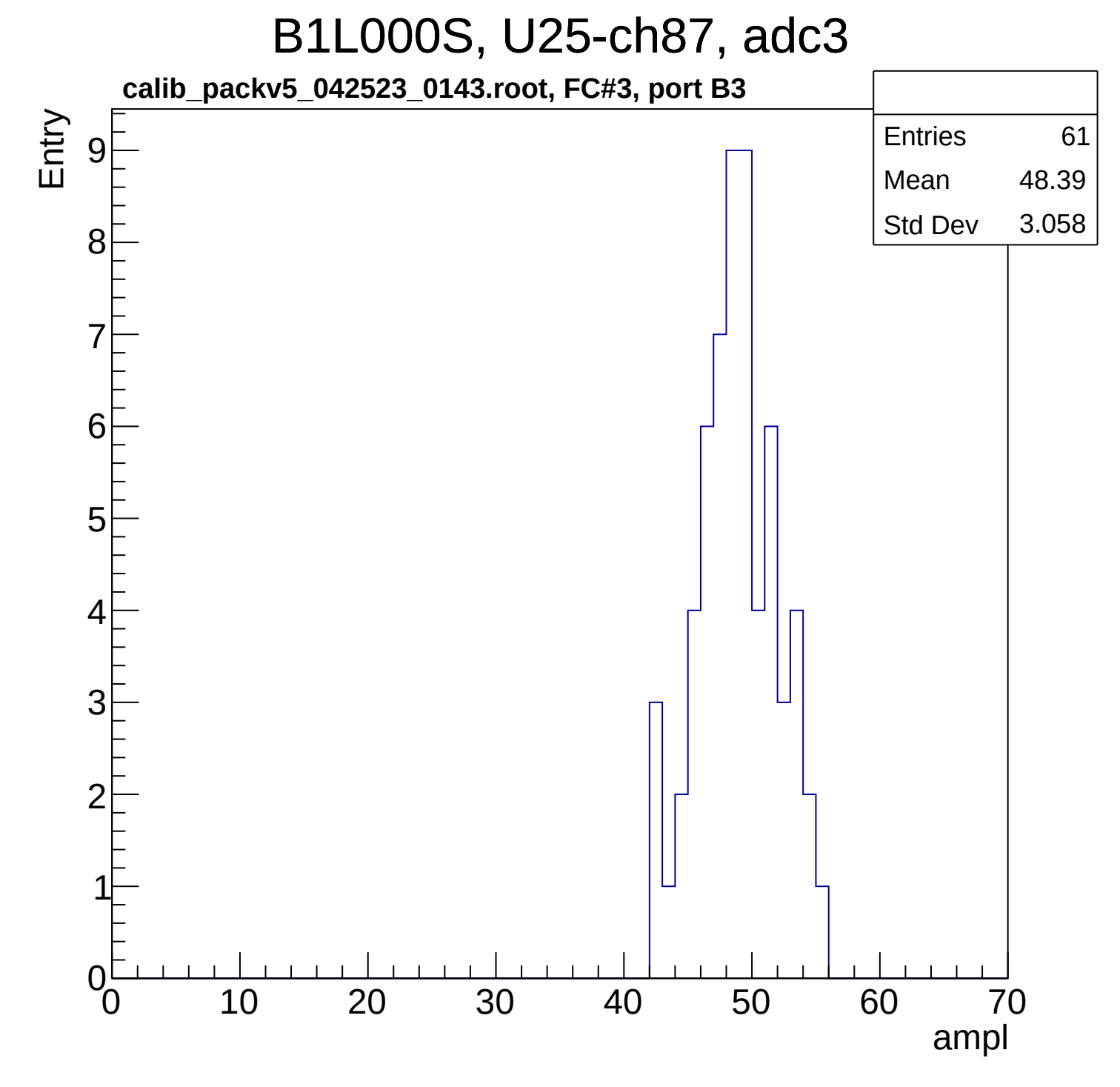
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch87, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 41.61
Std Dev 3.156
Gaus mean : 42.2176
Gaus Width: 3.2765
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch87, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 48.39
Std Dev 3.058
Entry
ampl
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6
7
8
9
0
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60
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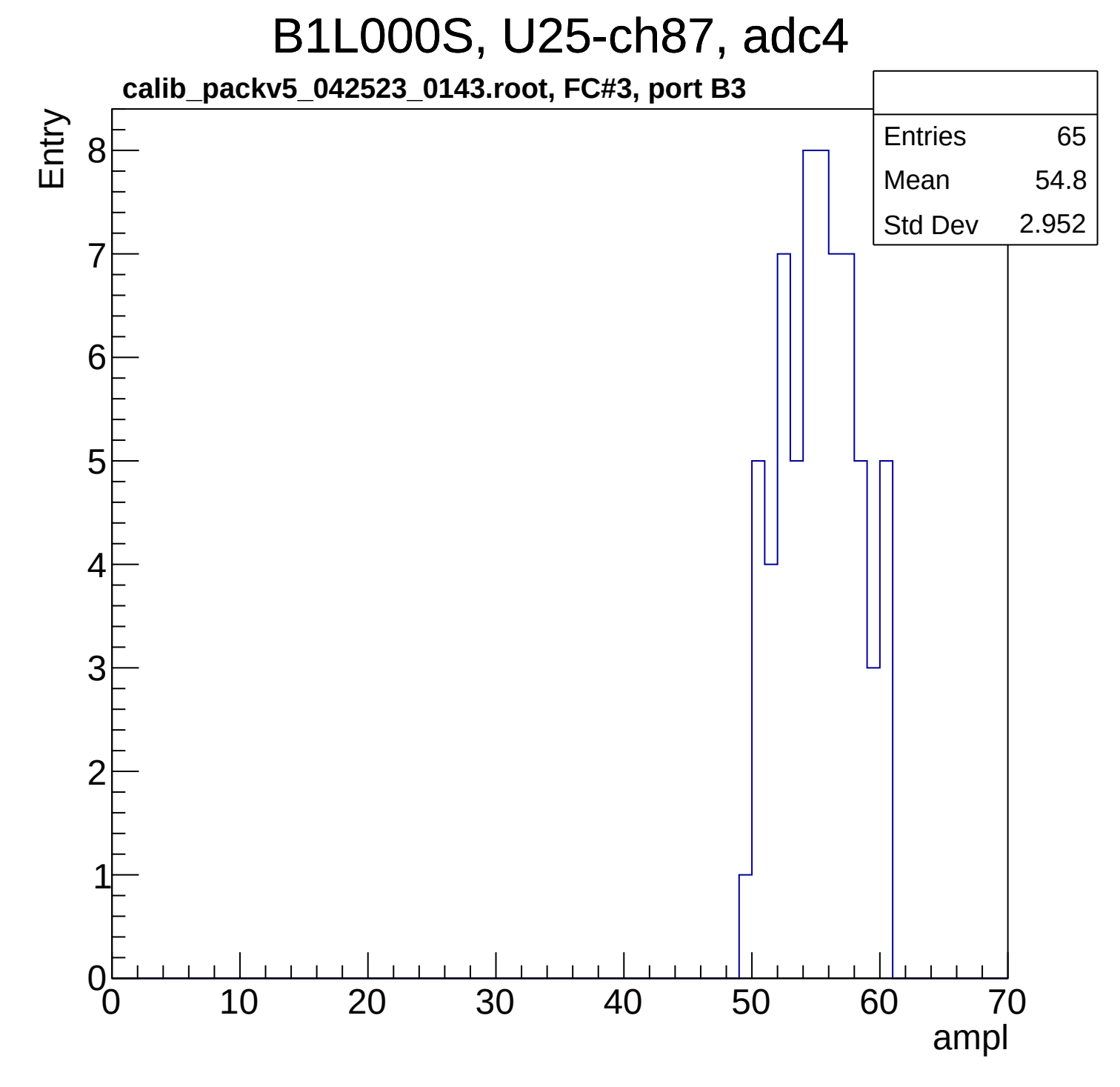
B1L000S, U25-ch87, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 54.8
Std Dev 2.952
Entry
ampl
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3
4
5
6
7
8
0
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40
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60
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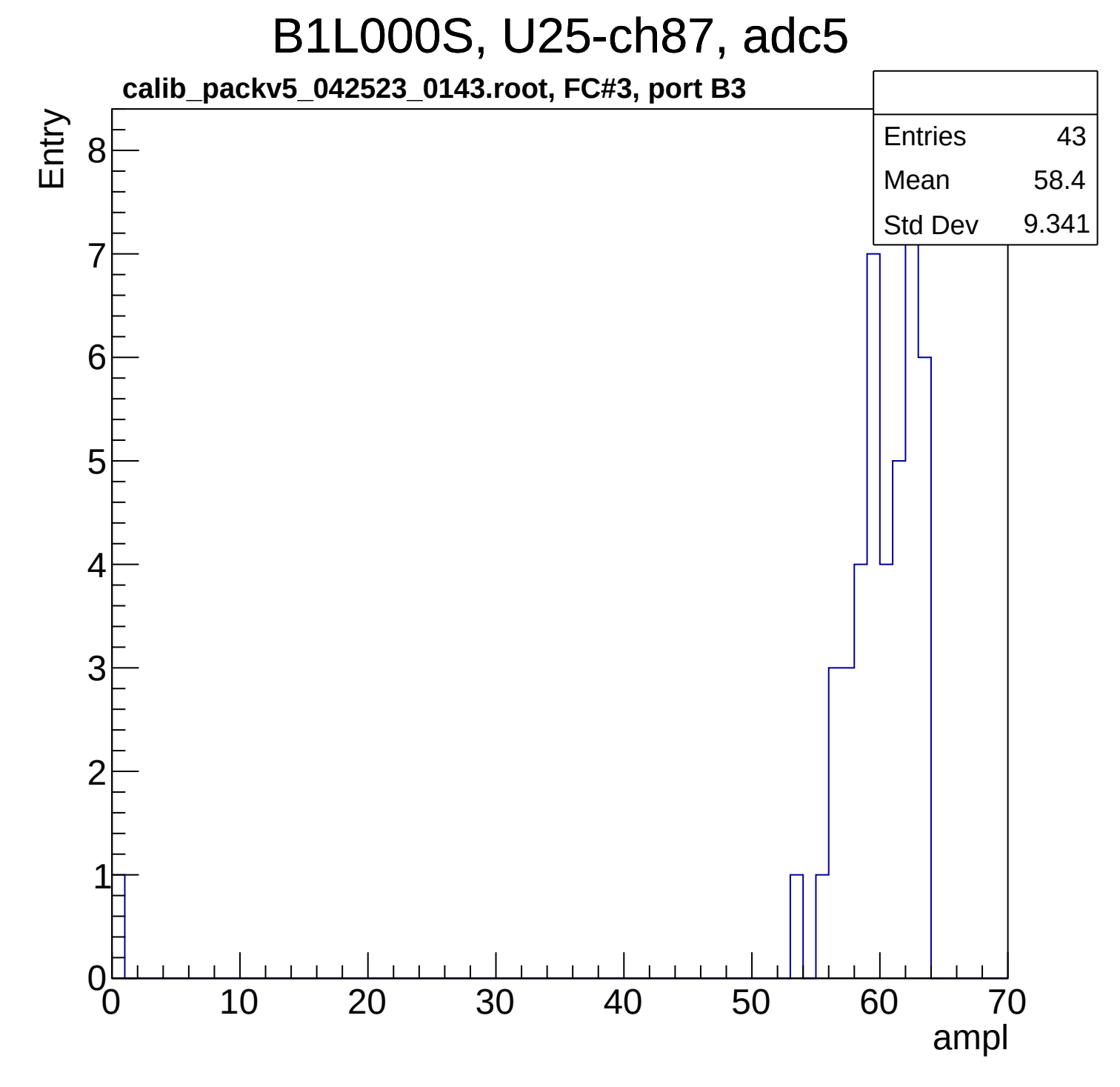
B1L000S, U25-ch87, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 58.4
Std Dev 9.341
Entry
ampl
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3
4
5
6
7
8
0
10
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40
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60
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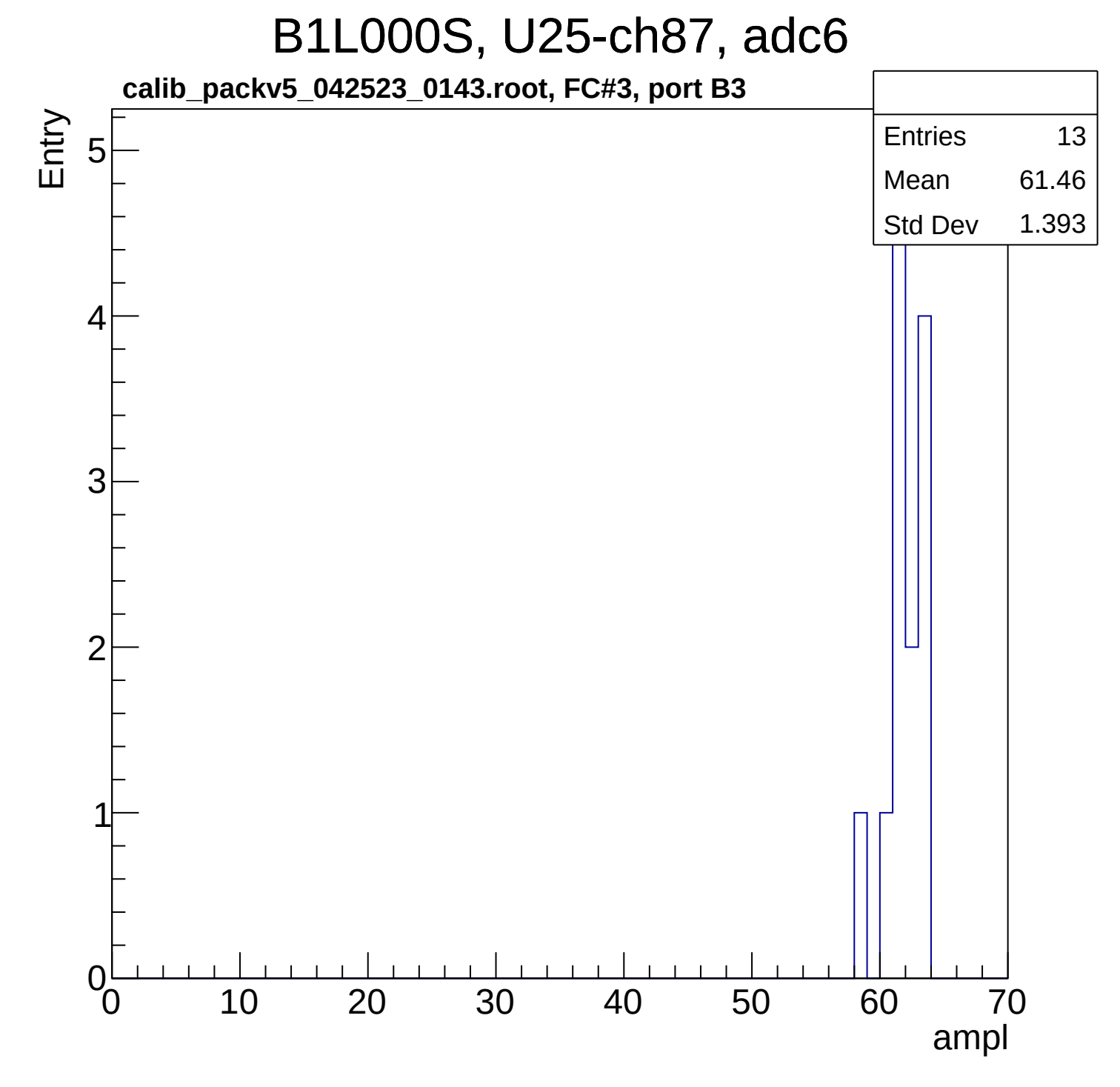
B1L000S, U25-ch87, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 61.46
Std Dev 1.393
Entry
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5
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10
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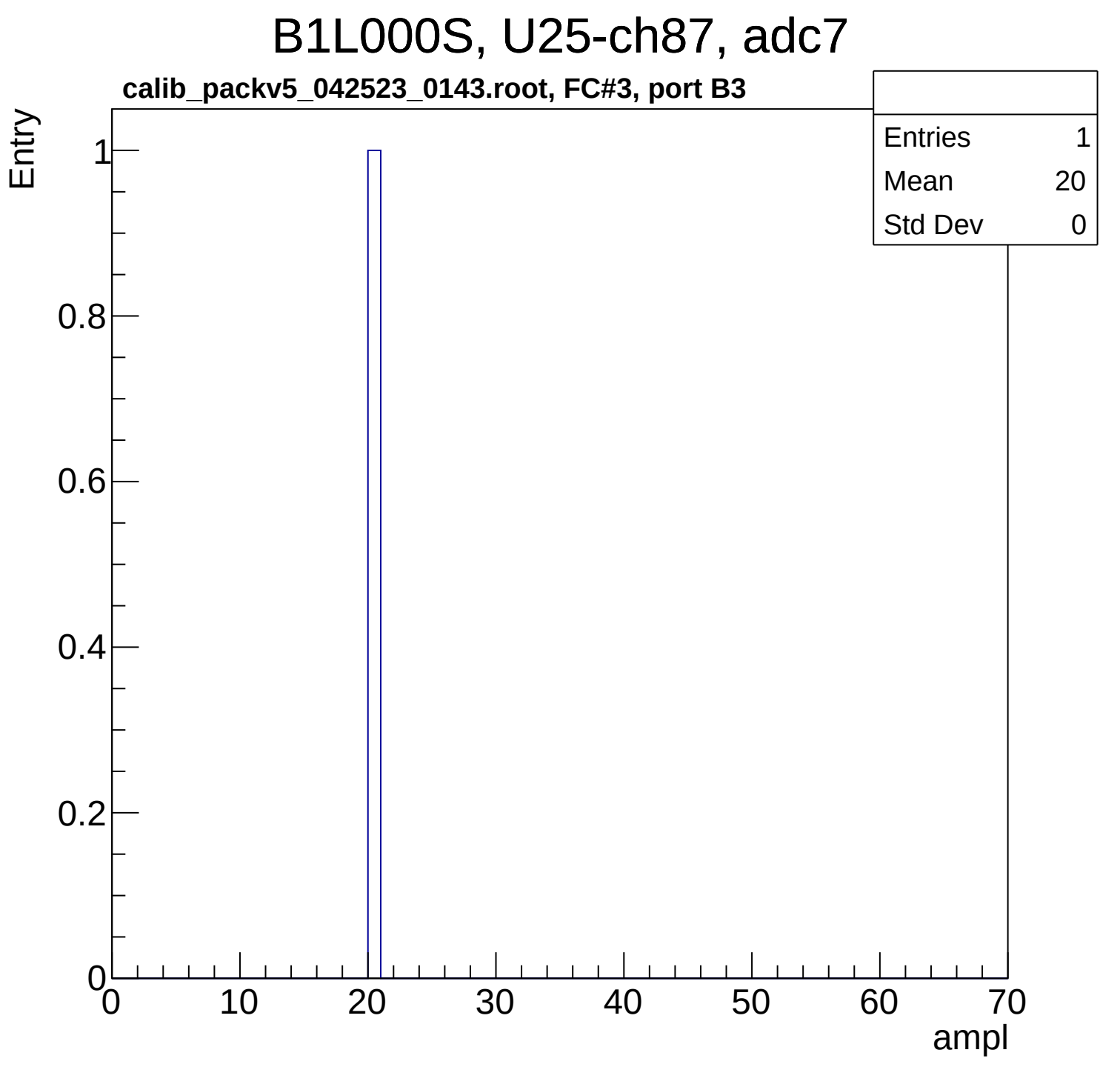
30
40
50
60
70
ampl


B1L000S, U25-ch87, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 20
Std Dev 0
Entry
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0.4
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10
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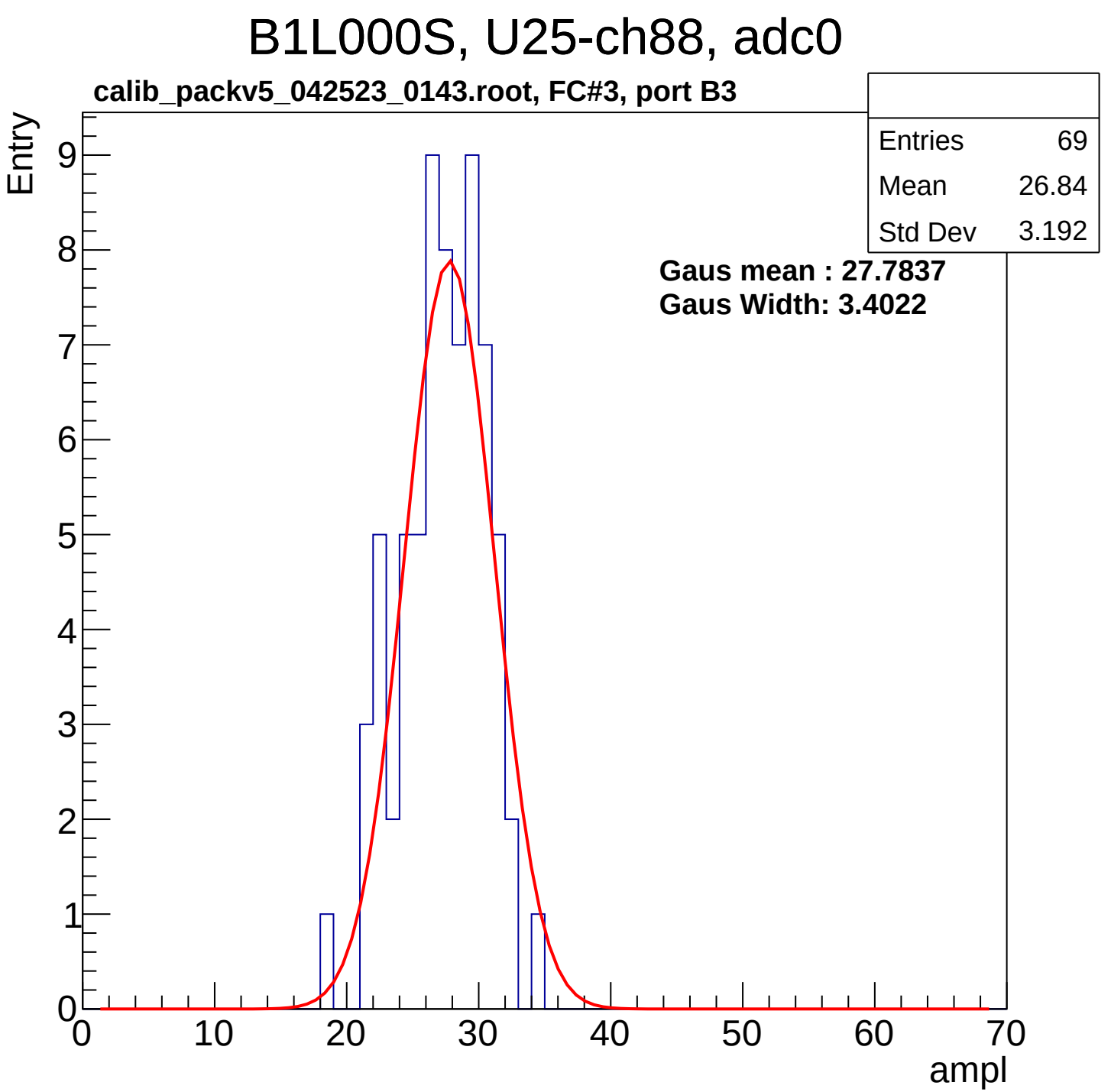
30
40
50
60
70
ampl


B1L000S, U25-ch88, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 26.84
Std Dev 3.192
Gaus mean : 27.7837
Gaus Width: 3.4022
Entry
ampl
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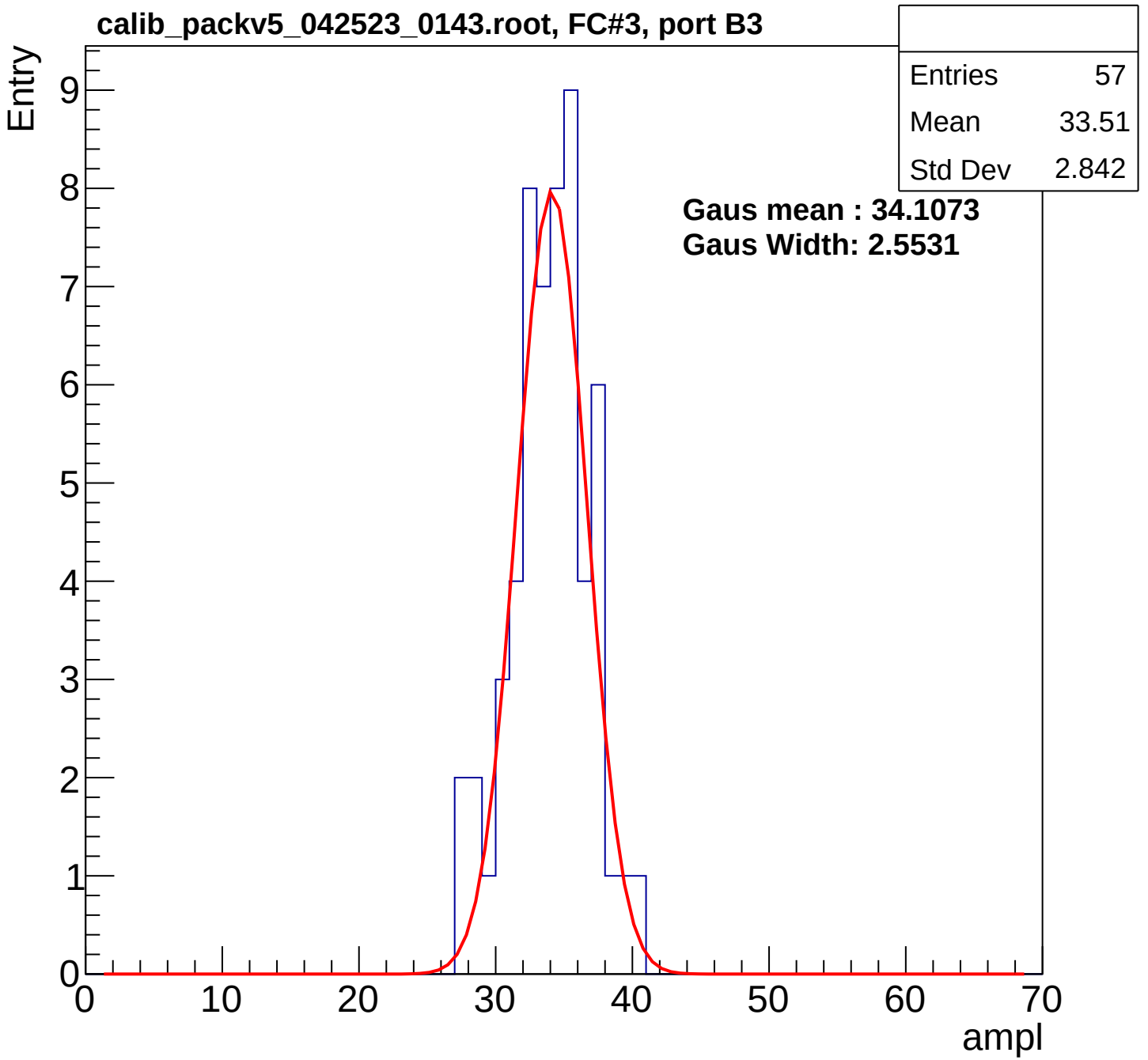
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch88, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 33.51
Std Dev 2.842
Gaus mean : 34.1073
Gaus Width: 2.5531
Entry
ampl
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1
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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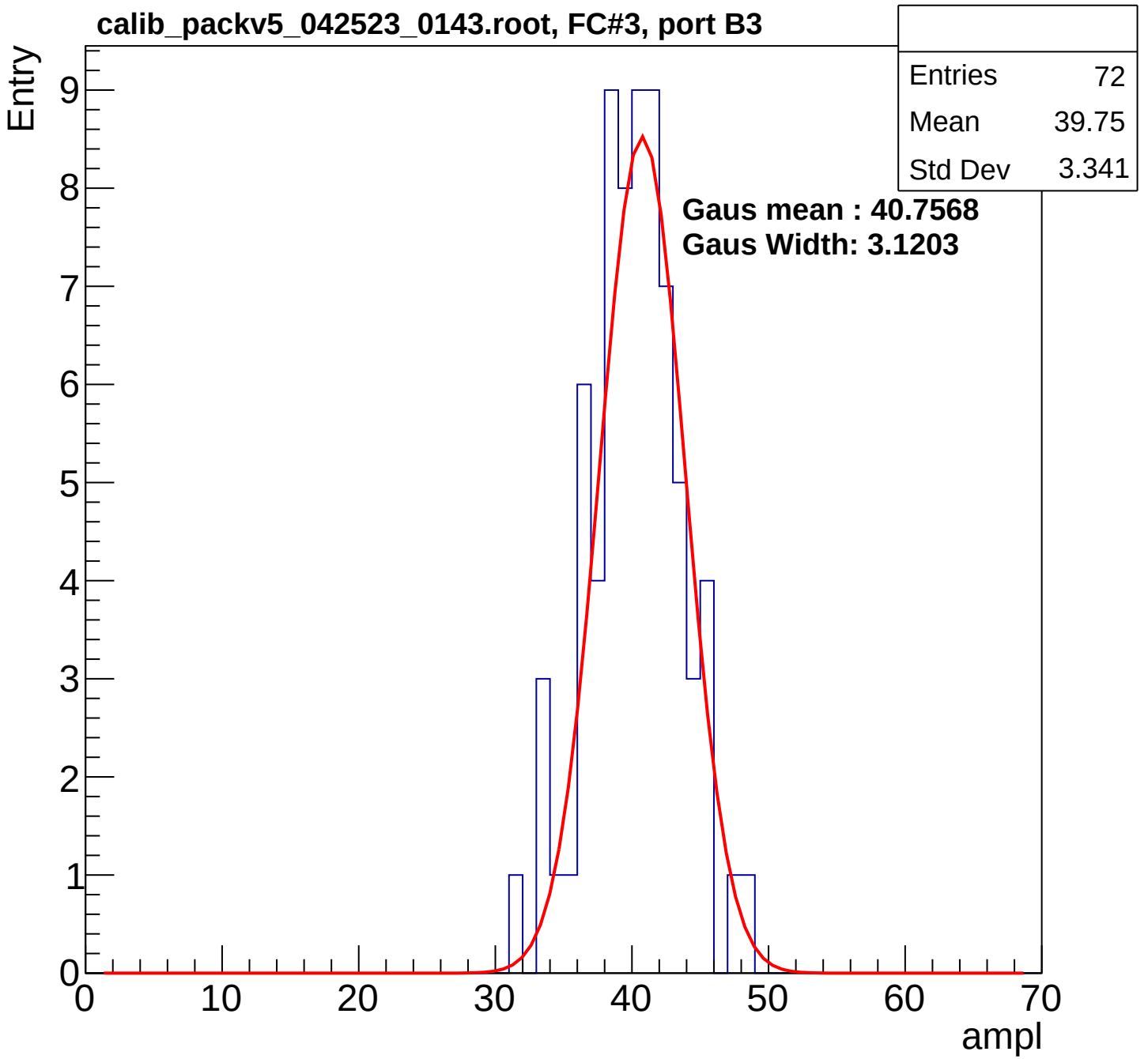
B1L000S, U25-ch88, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 39.75
Std Dev 3.341
Gaus mean : 40.7568
Gaus Width: 3.1203
Entry
ampl
0
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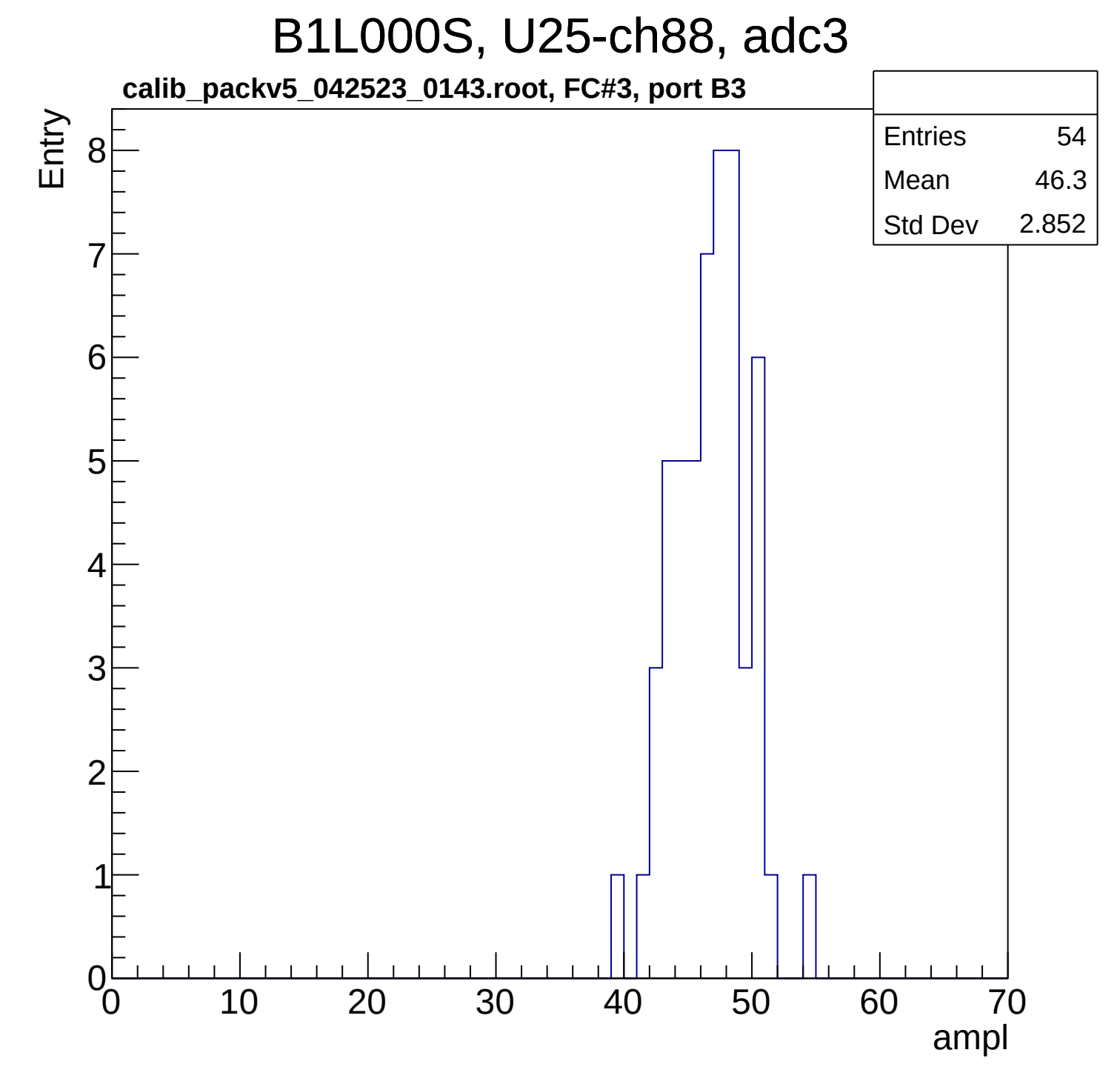
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch88, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 46.3
Std Dev 2.852
Entry
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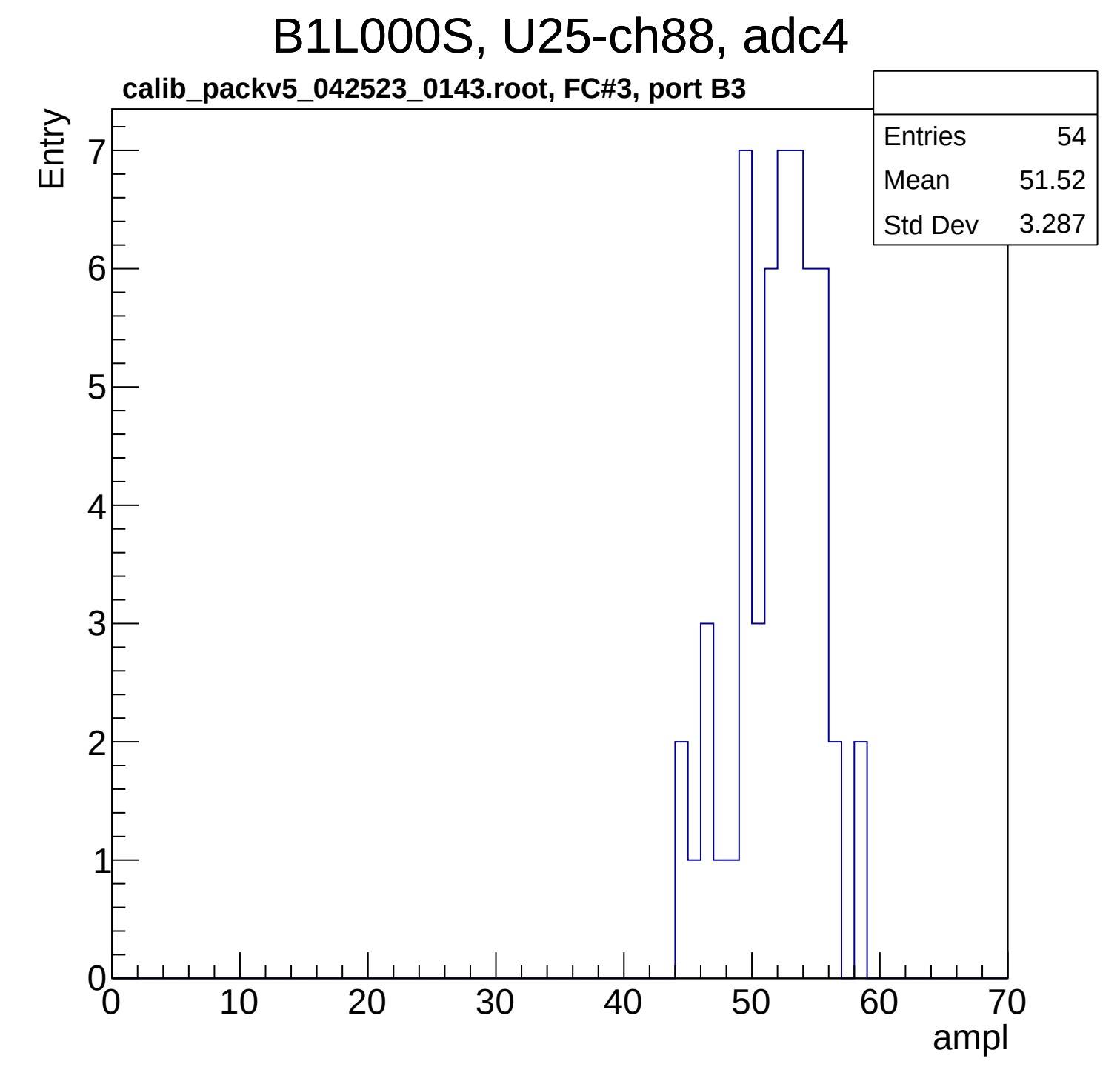
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch88, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 51.52
Std Dev 3.287
Entry
ampl
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2
3
4
5
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7
0
10
20
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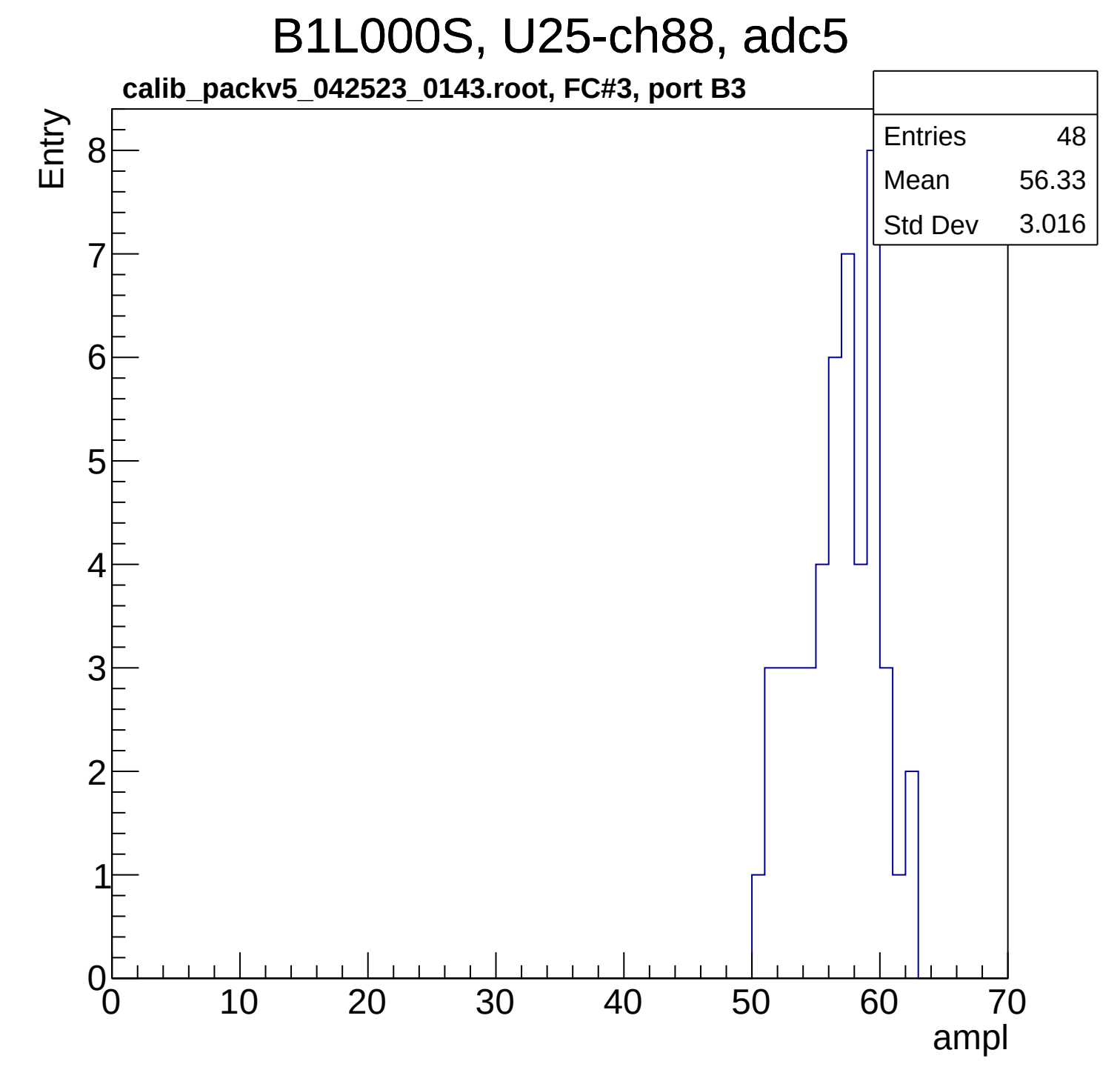
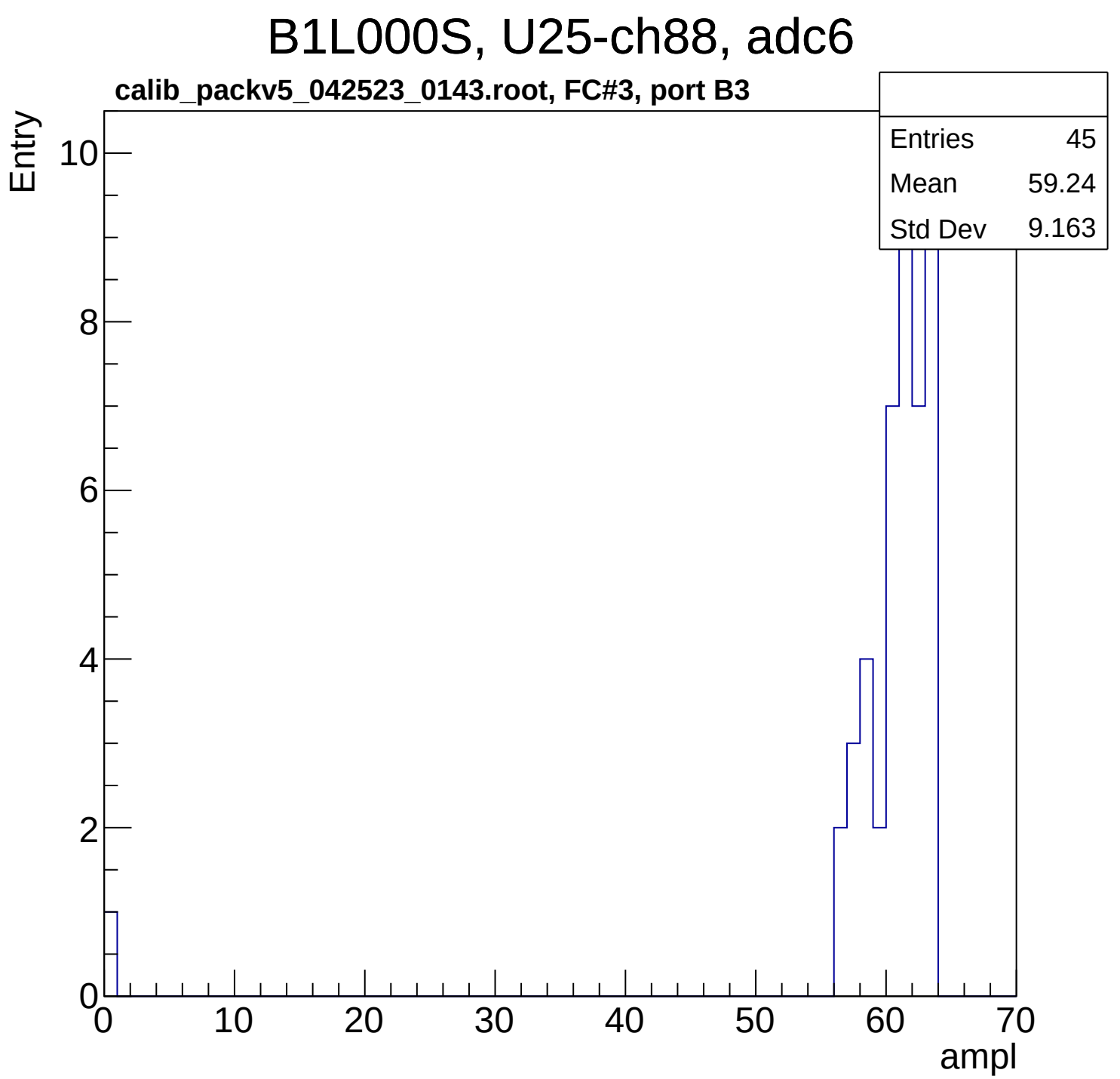
40
50
60
70


B1L000S, U25-ch88, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 56.33
Std Dev 3.016
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch88, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 45
Mean 59.24
Std Dev 9.163
Entry
ampl
0
2
4
6
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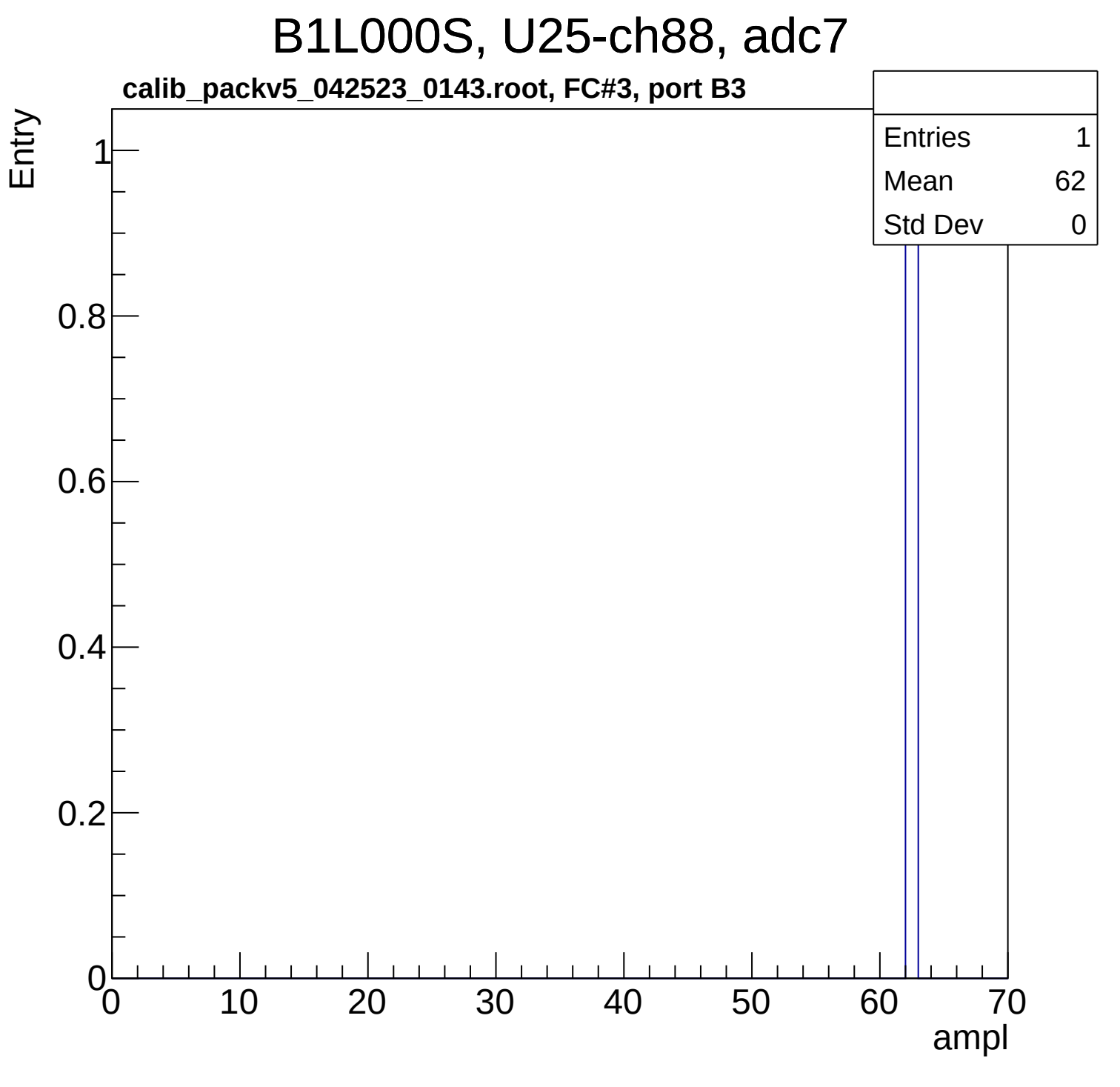
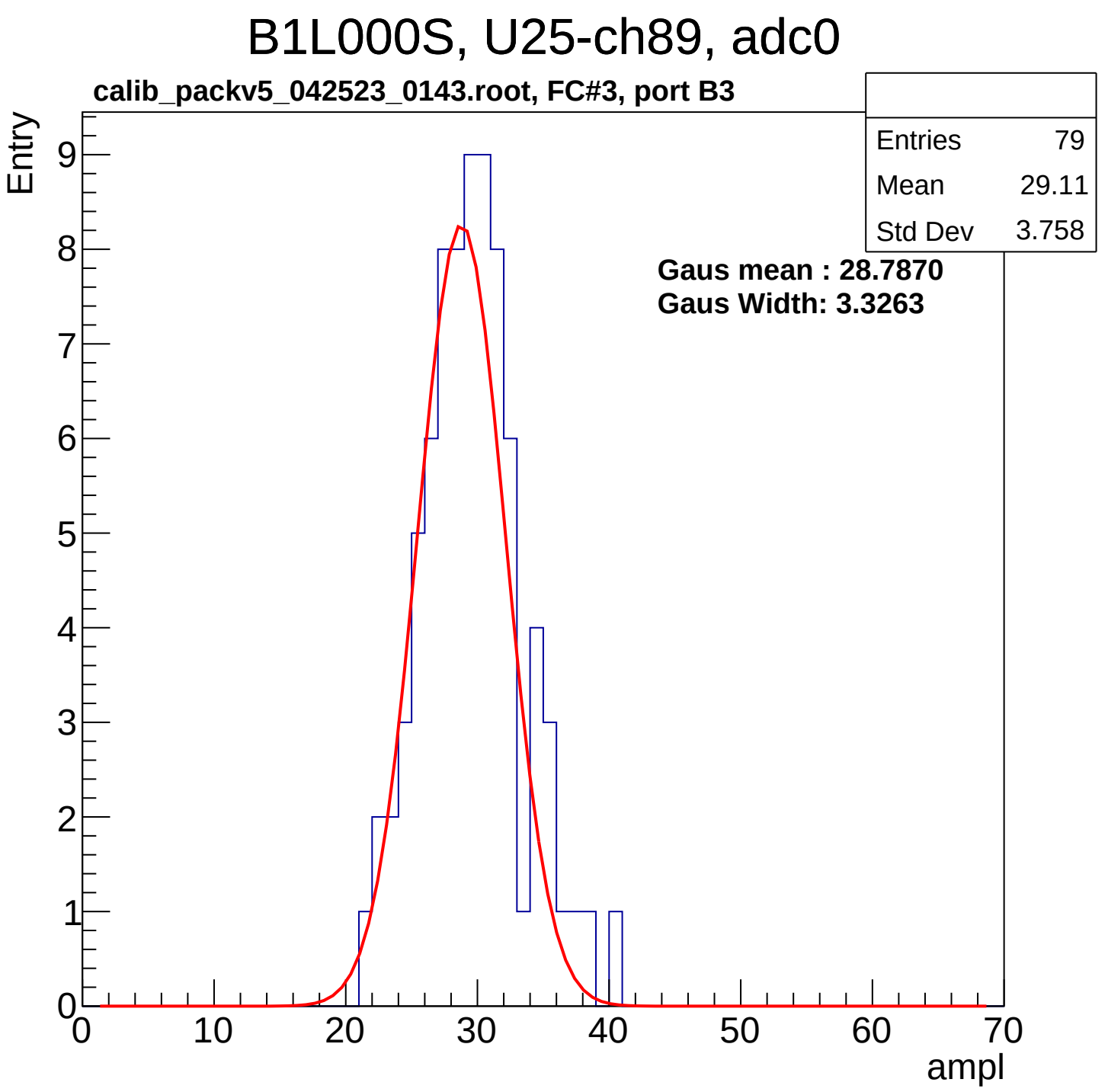

B1L000S, U25-ch88, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch89, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 79
Mean 29.11
Std Dev 3.758
Gaus mean : 28.7870
Gaus Width: 3.3263
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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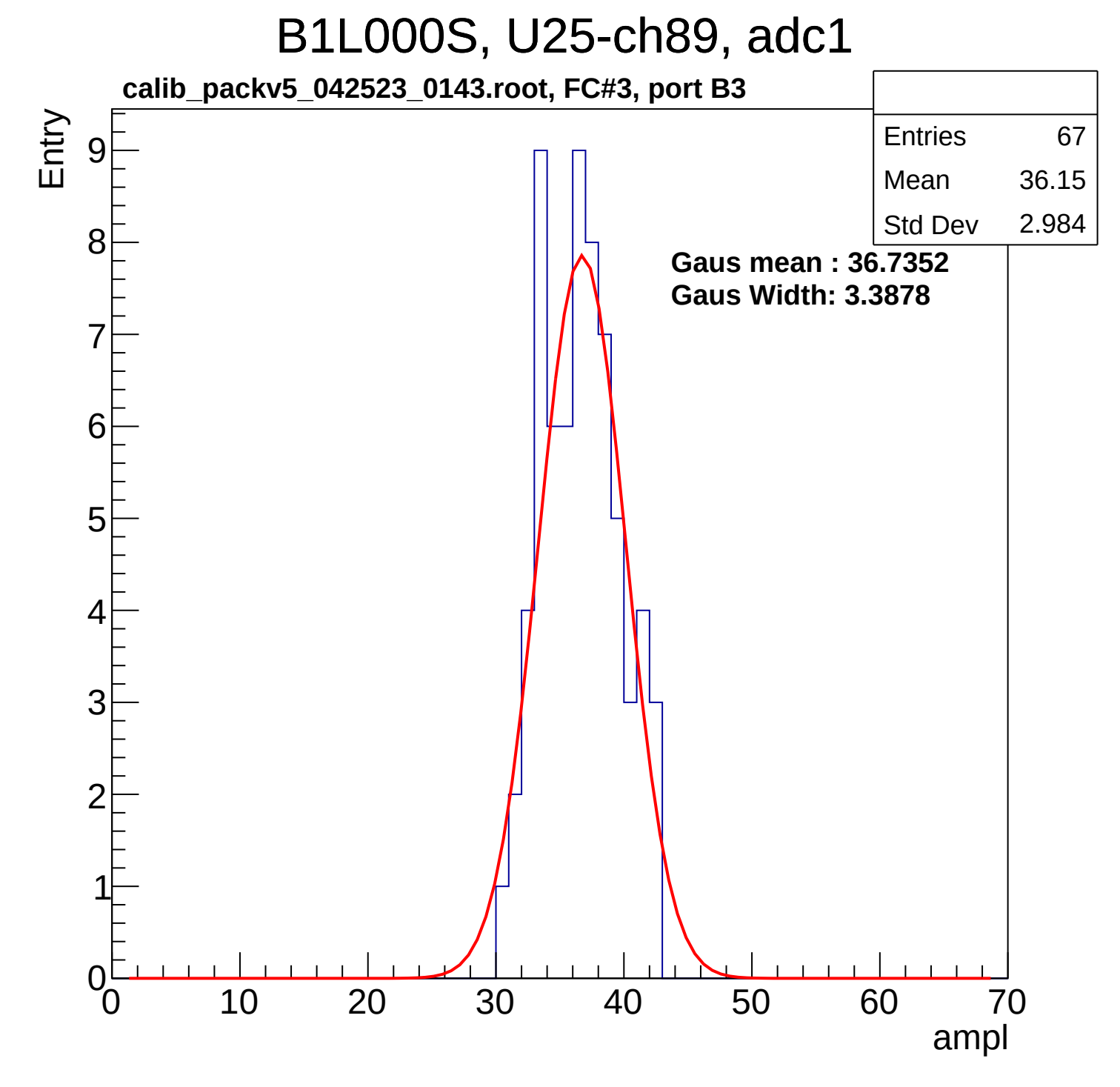
B1L000S, U25-ch89, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 36.15
Std Dev 2.984
Gaus mean : 36.7352
Gaus Width: 3.3878
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
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40
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60
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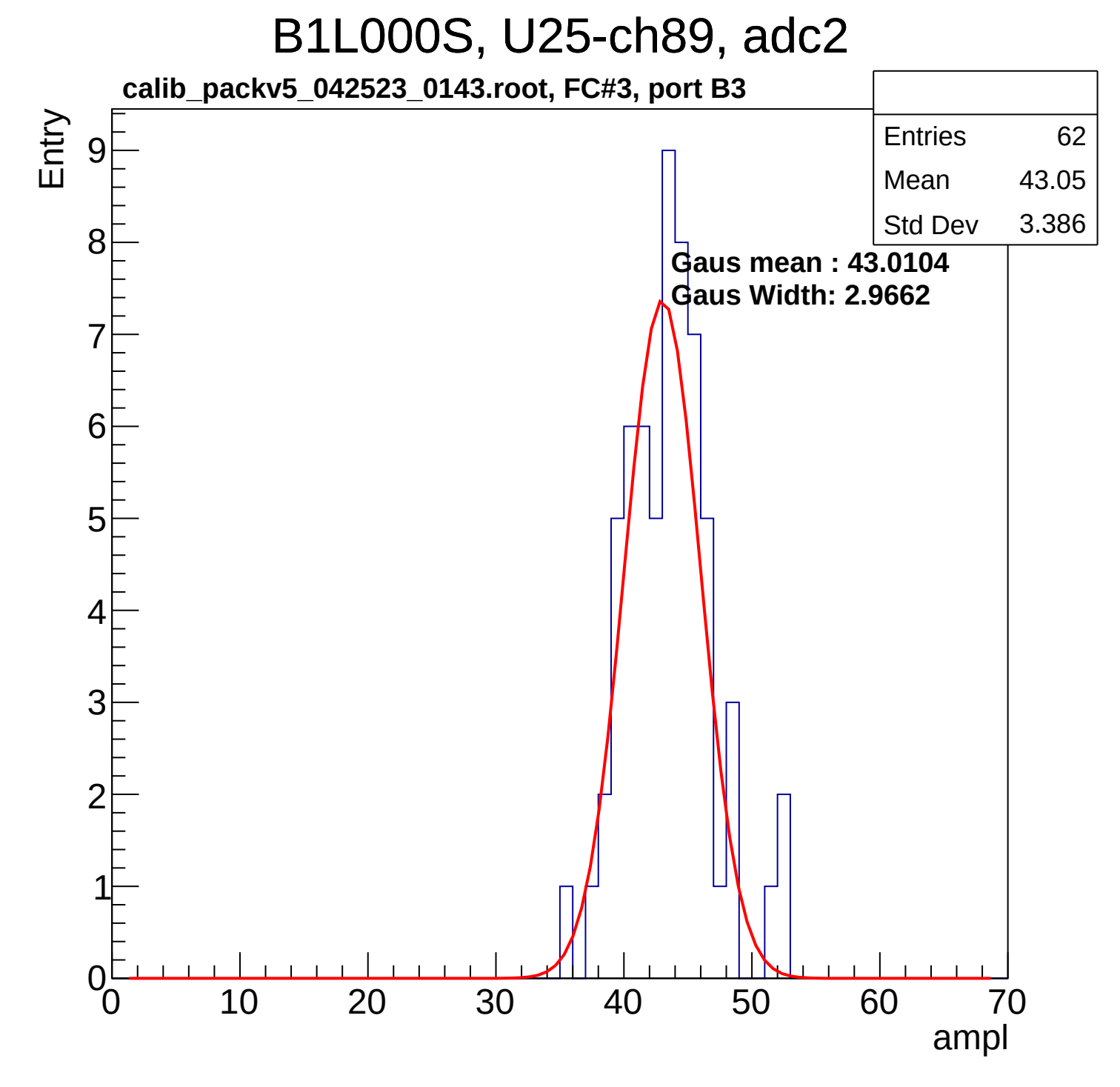
B1L000S, U25-ch89, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 43.05
Std Dev 3.386
Gaus mean : 43.0104
Gaus Width: 2.9662
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
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20
30
40
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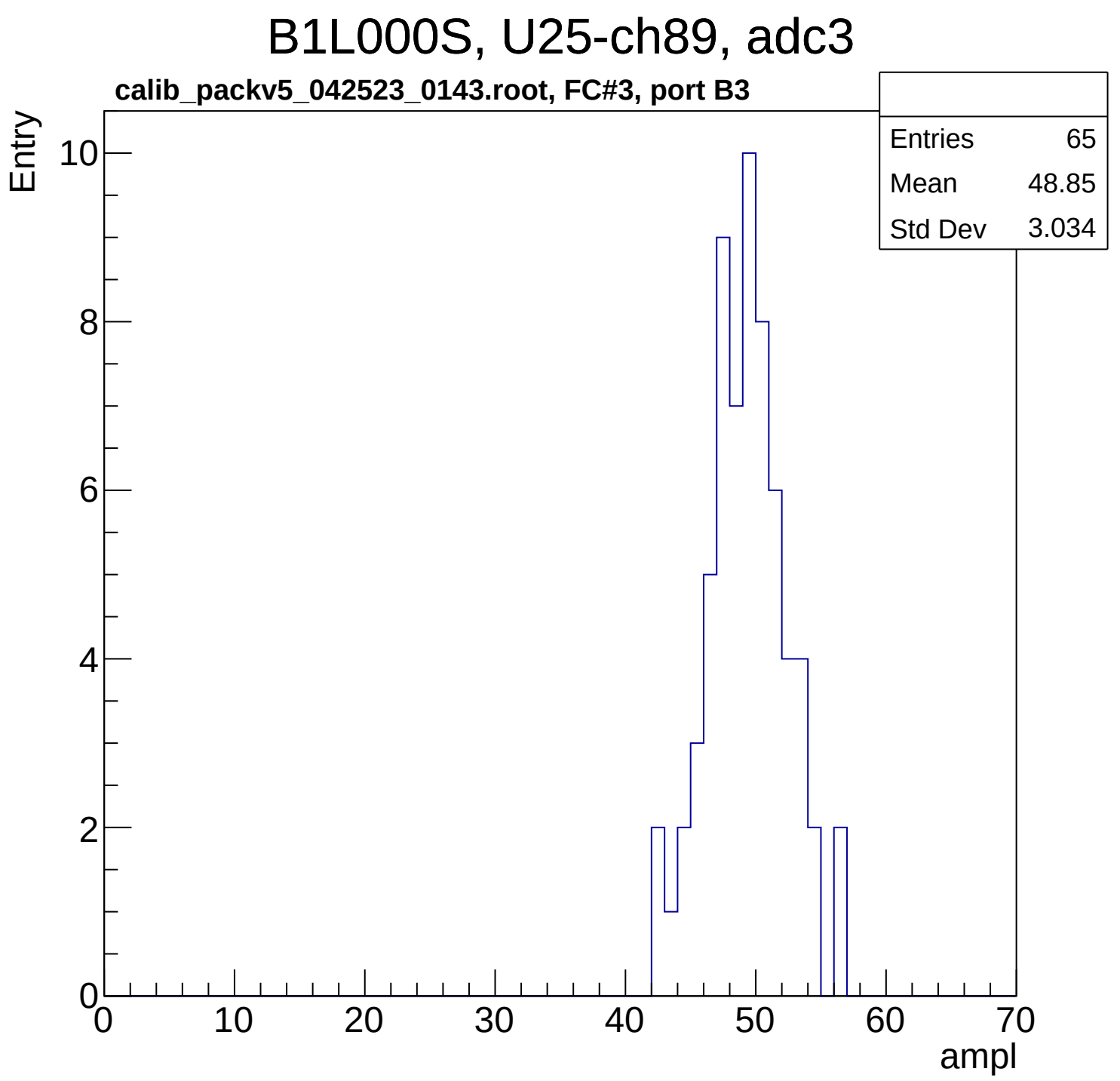
B1L000S, U25-ch89, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 48.85
Std Dev 3.034
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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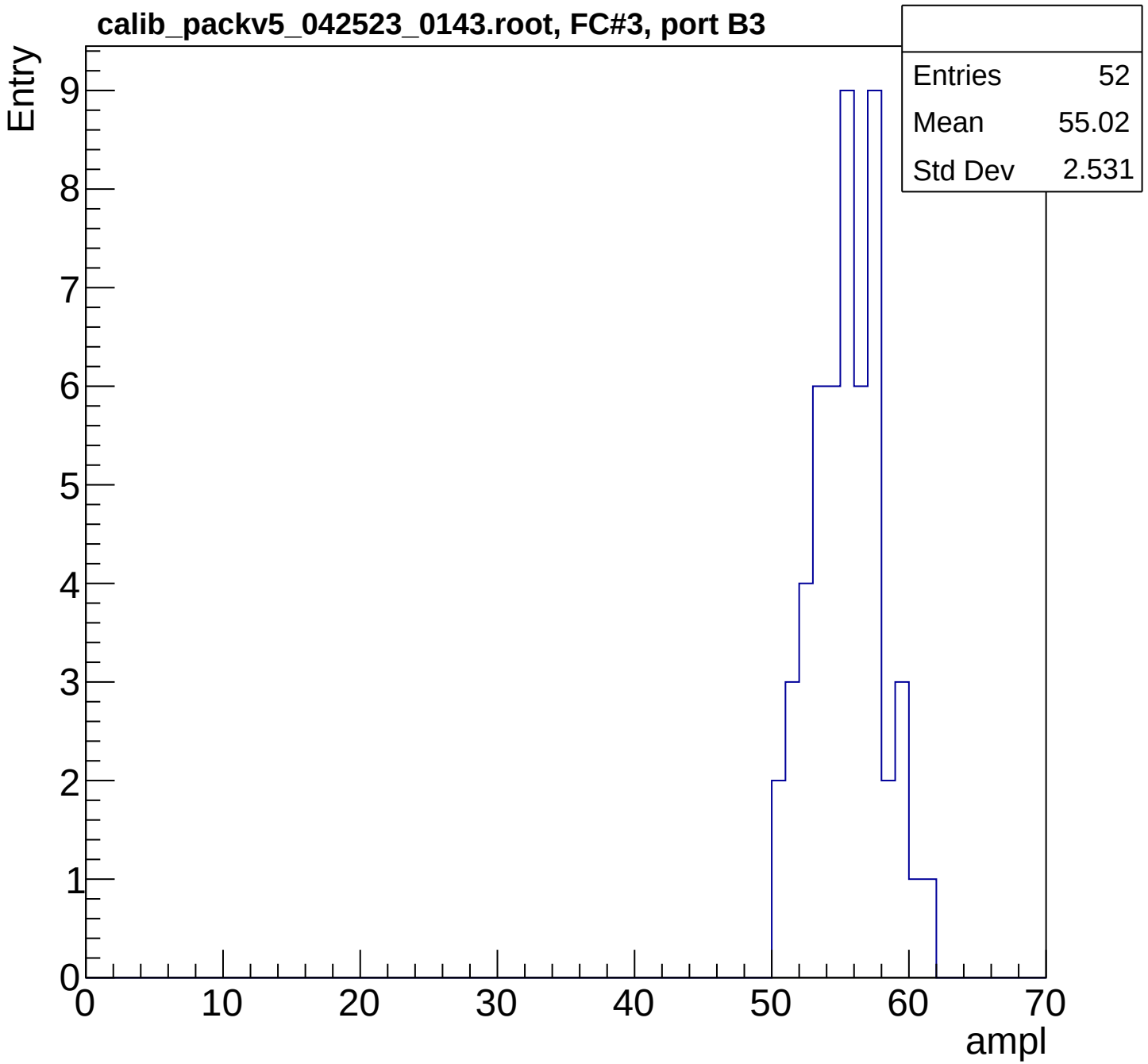
B1L000S, U25-ch89, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 55.02
Std Dev 2.531
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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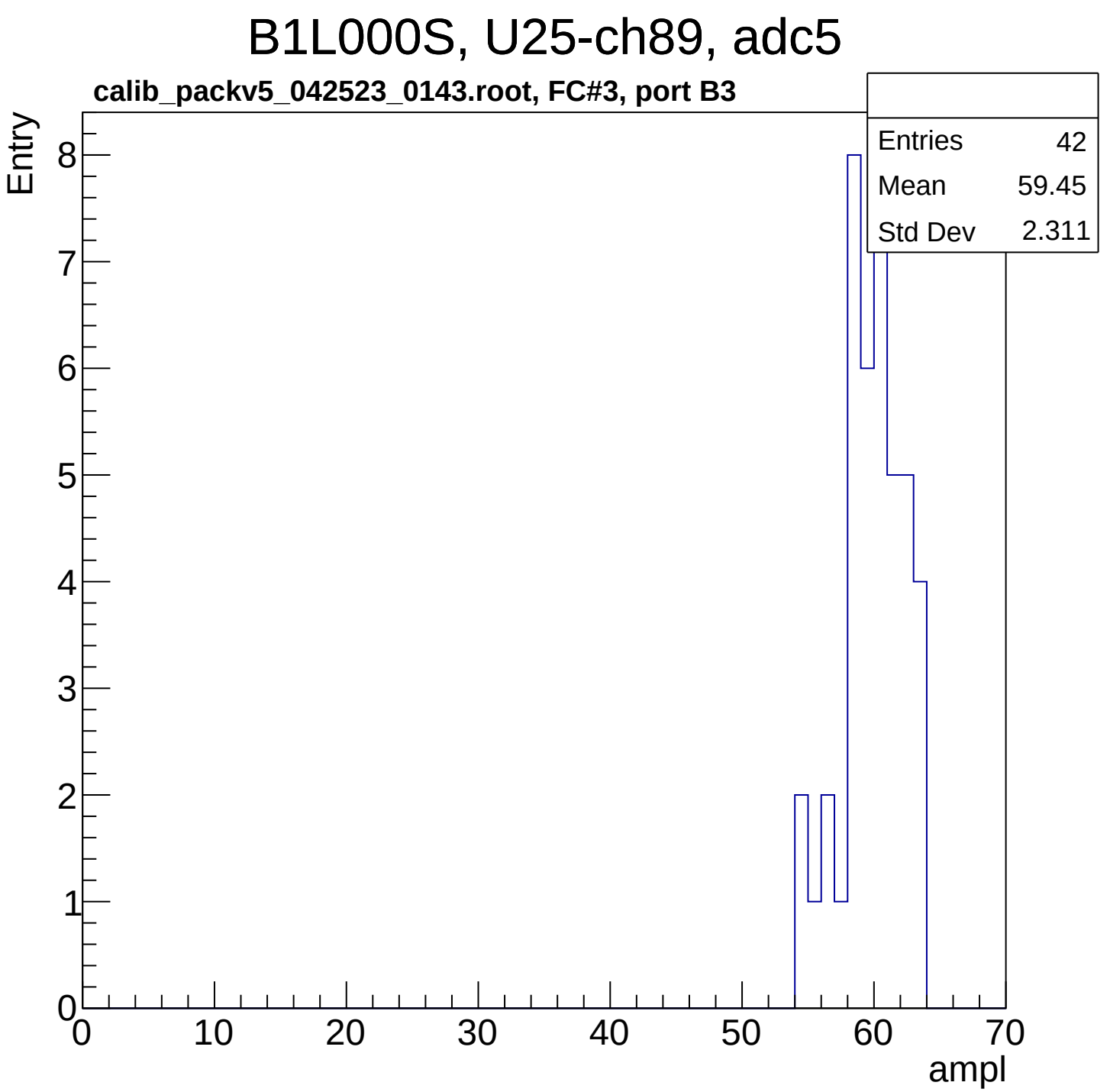
B1L000S, U25-ch89, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 59.45
Std Dev 2.311
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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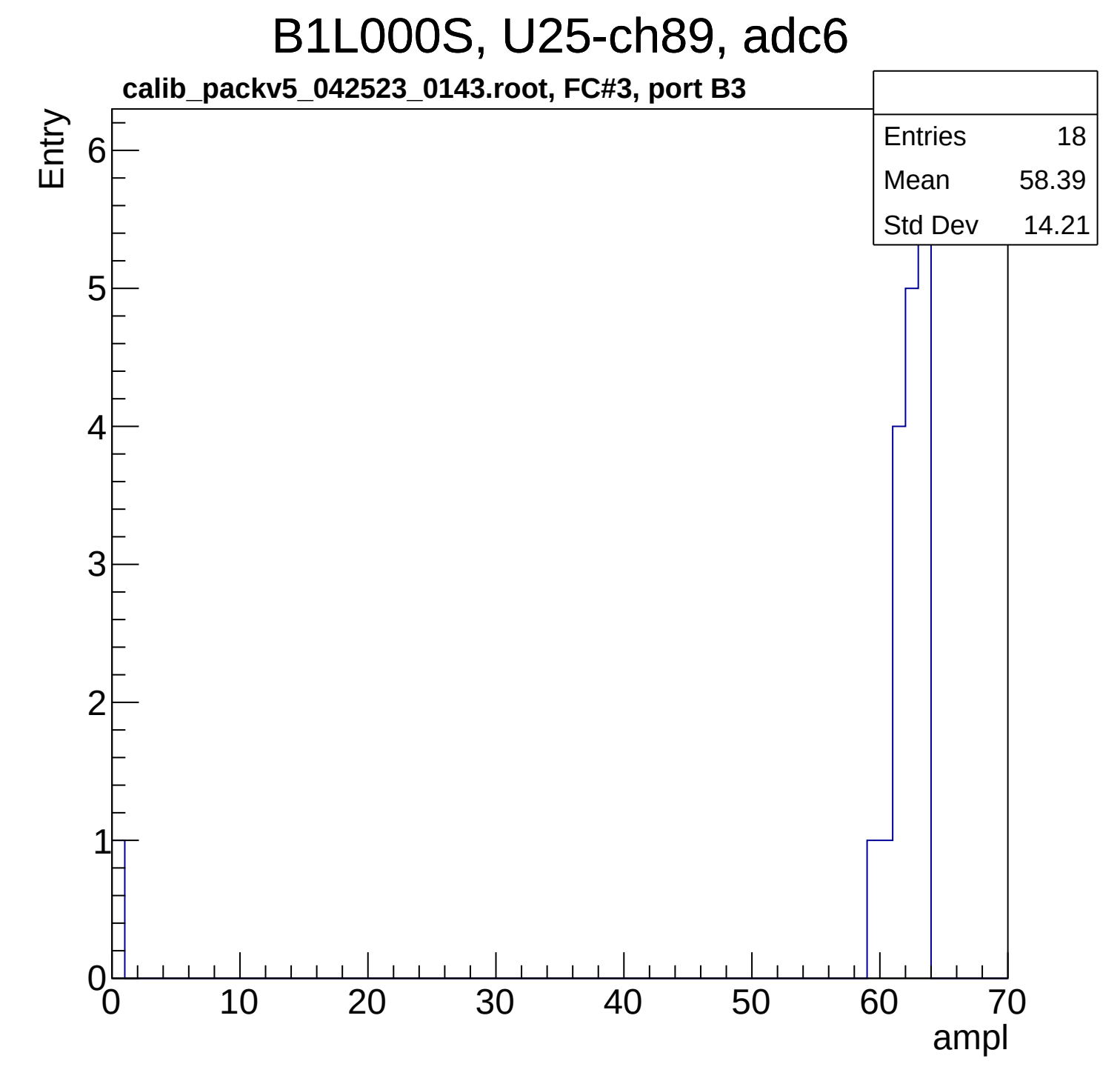
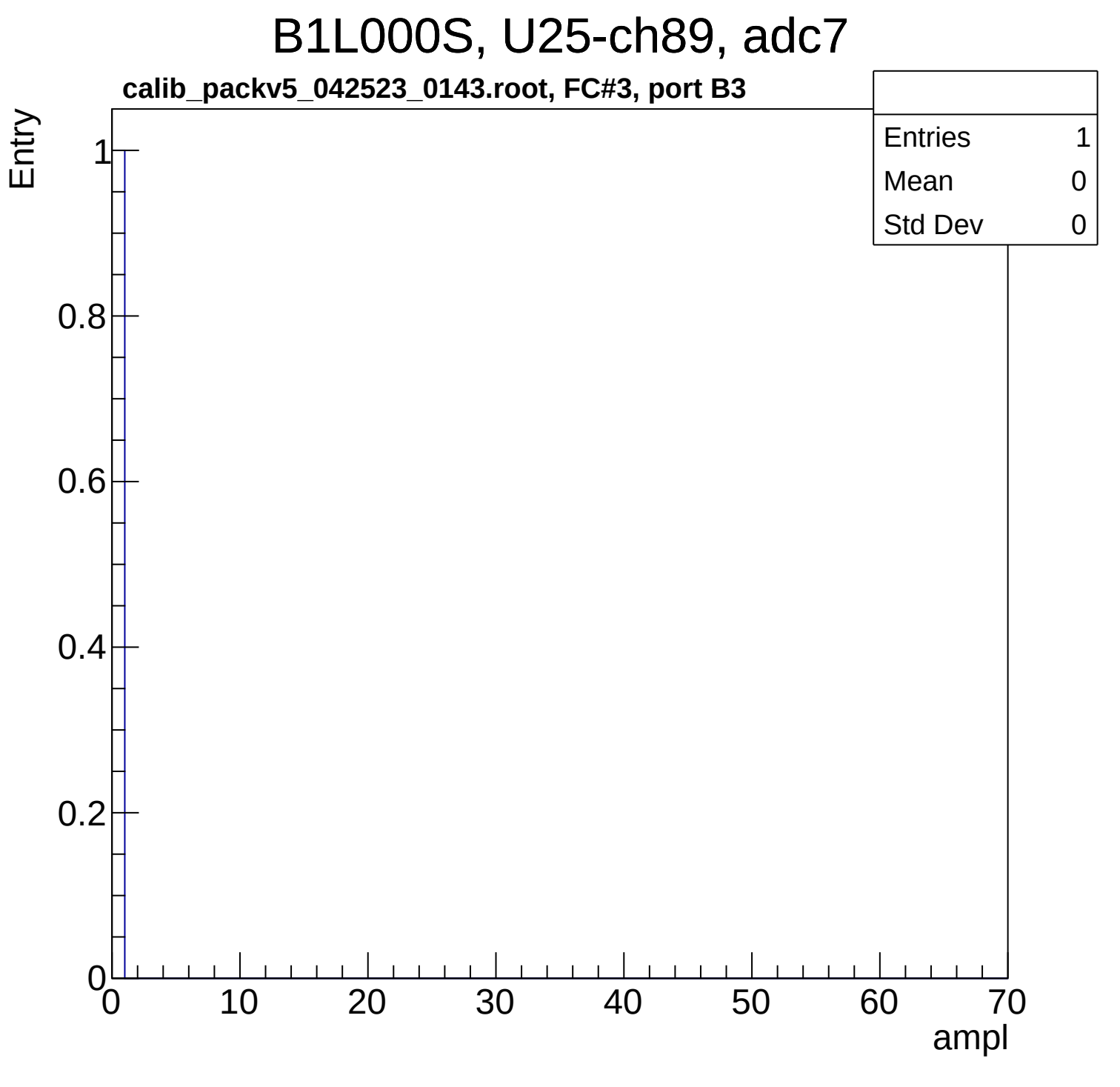
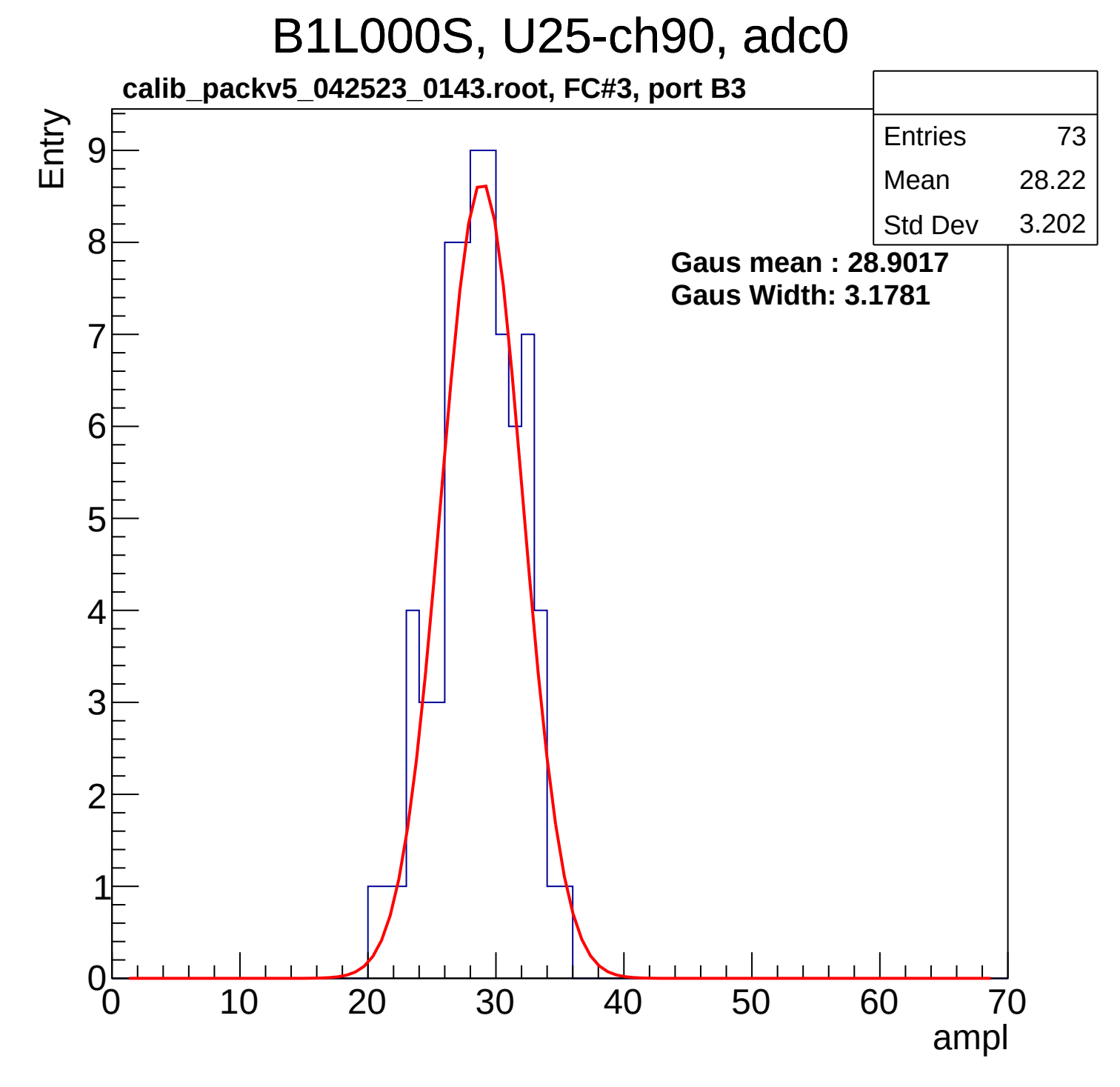

B1L000S, U25-ch89, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 18
Mean 58.39
Std Dev 14.21
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch89, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch90, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 28.22
Std Dev 3.202
Gaus mean : 28.9017
Gaus Width: 3.1781
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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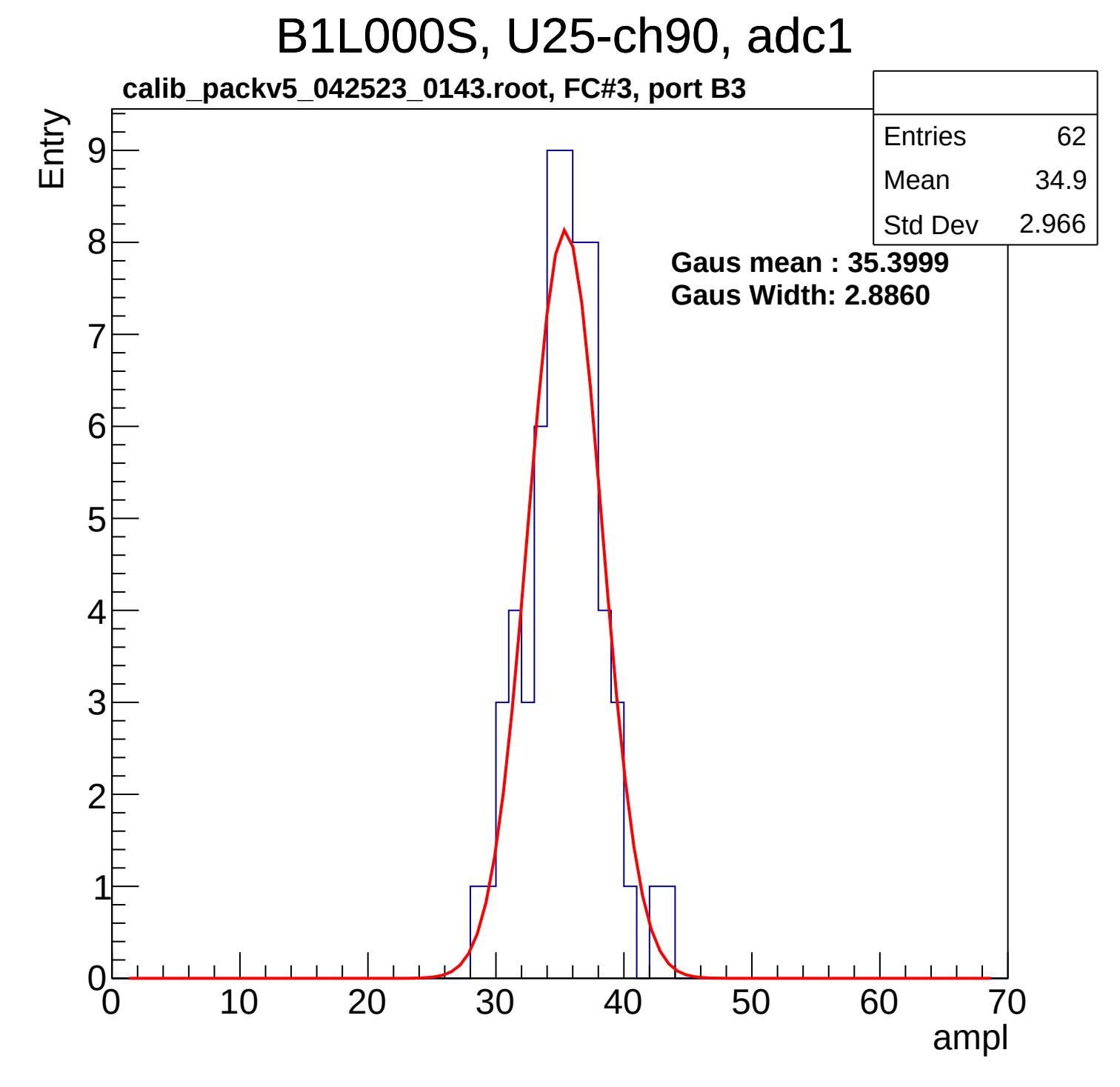
B1L000S, U25-ch90, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 34.9
Std Dev 2.966
Gaus mean : 35.3999
Gaus Width: 2.8860
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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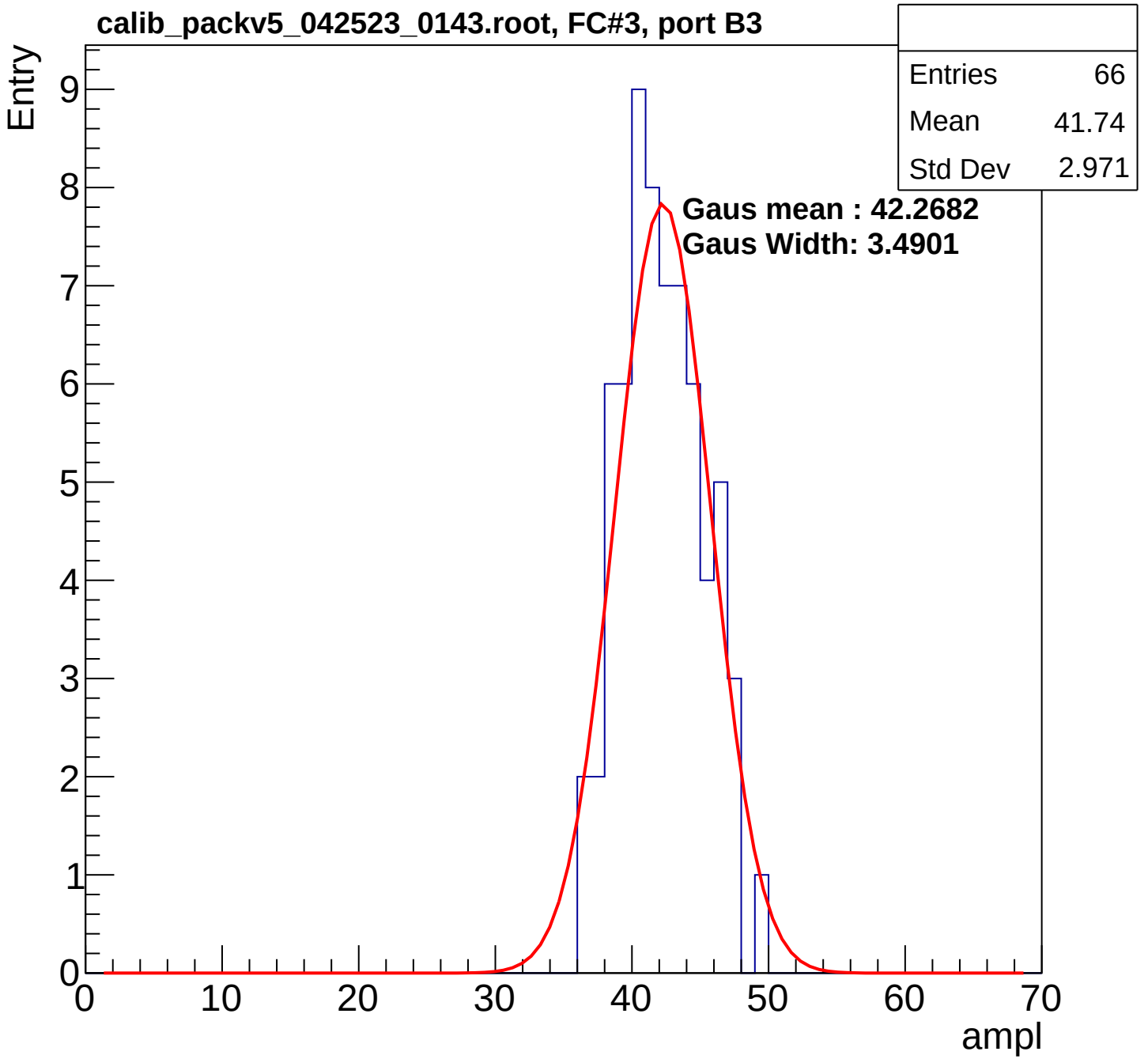
B1L000S, U25-ch90, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 41.74
Std Dev 2.971
Gaus mean : 42.2682
Gaus Width: 3.4901
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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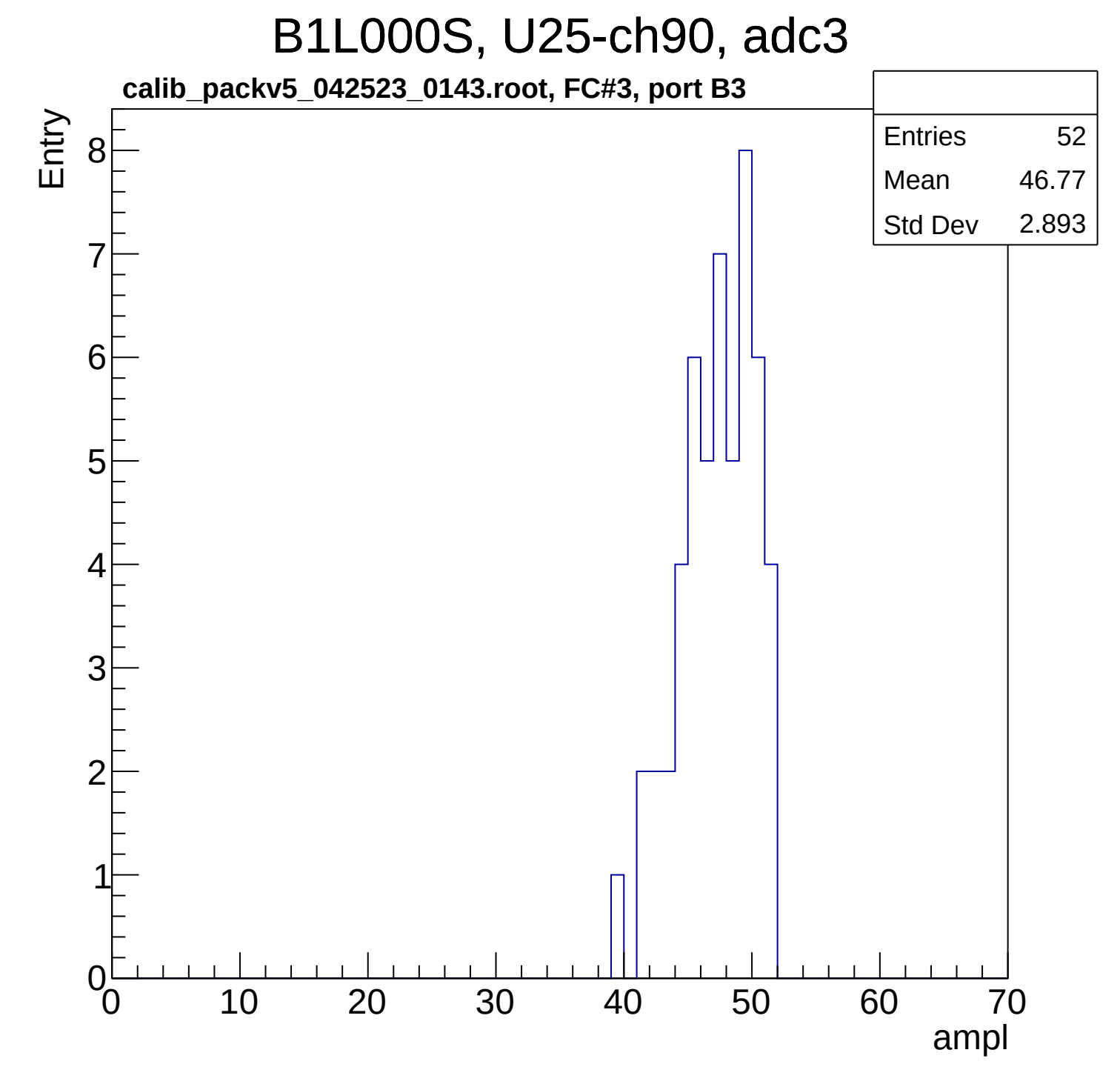
B1L000S, U25-ch90, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 46.77
Std Dev 2.893
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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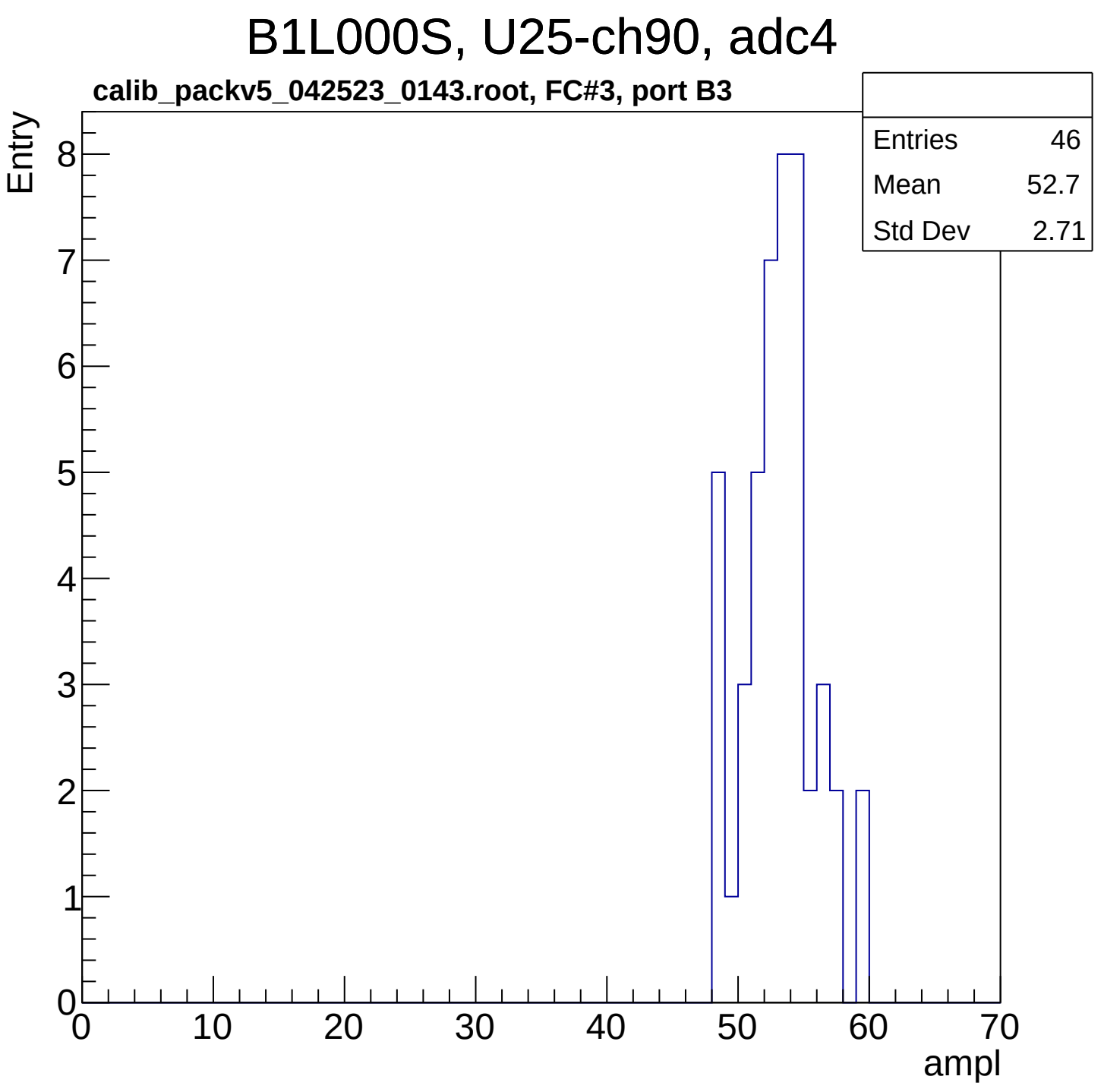
B1L000S, U25-ch90, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 46
Mean 52.7
Std Dev 2.71
Entry
ampl
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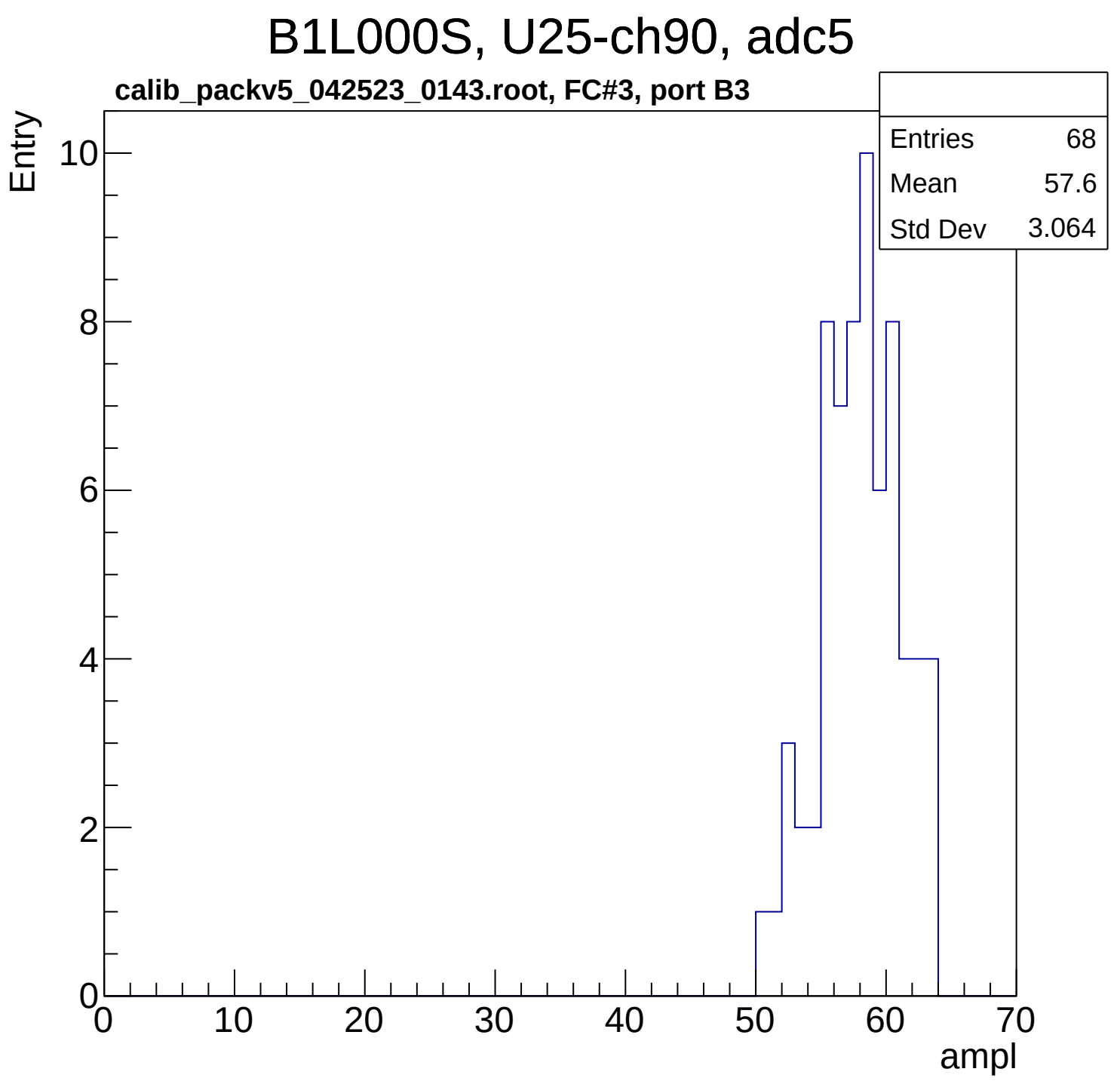
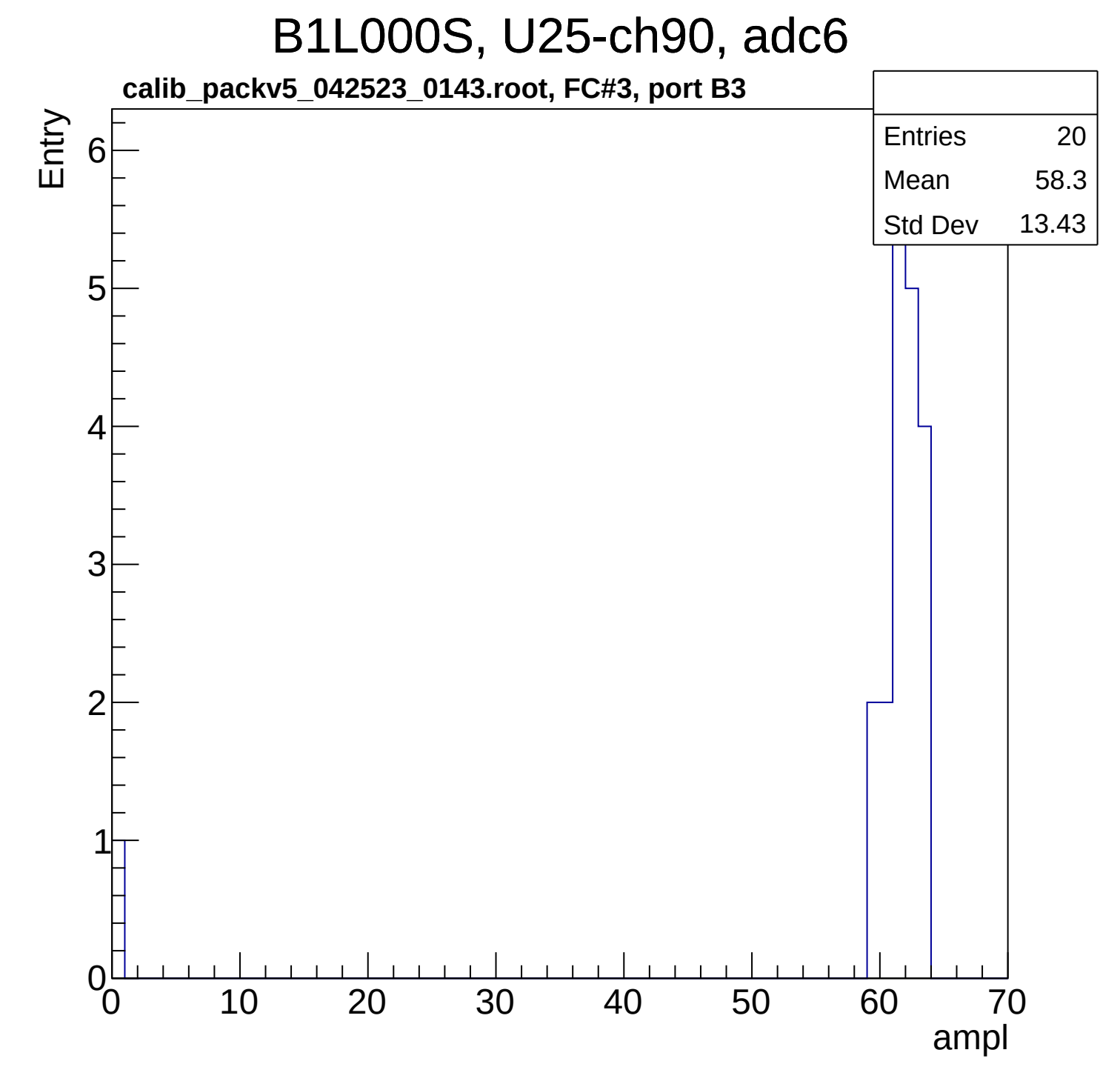
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch90, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 57.6
Std Dev 3.064
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch90, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 20
Mean 58.3
Std Dev 13.43
Entry
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2
3
4
5
6
0
10
20
30
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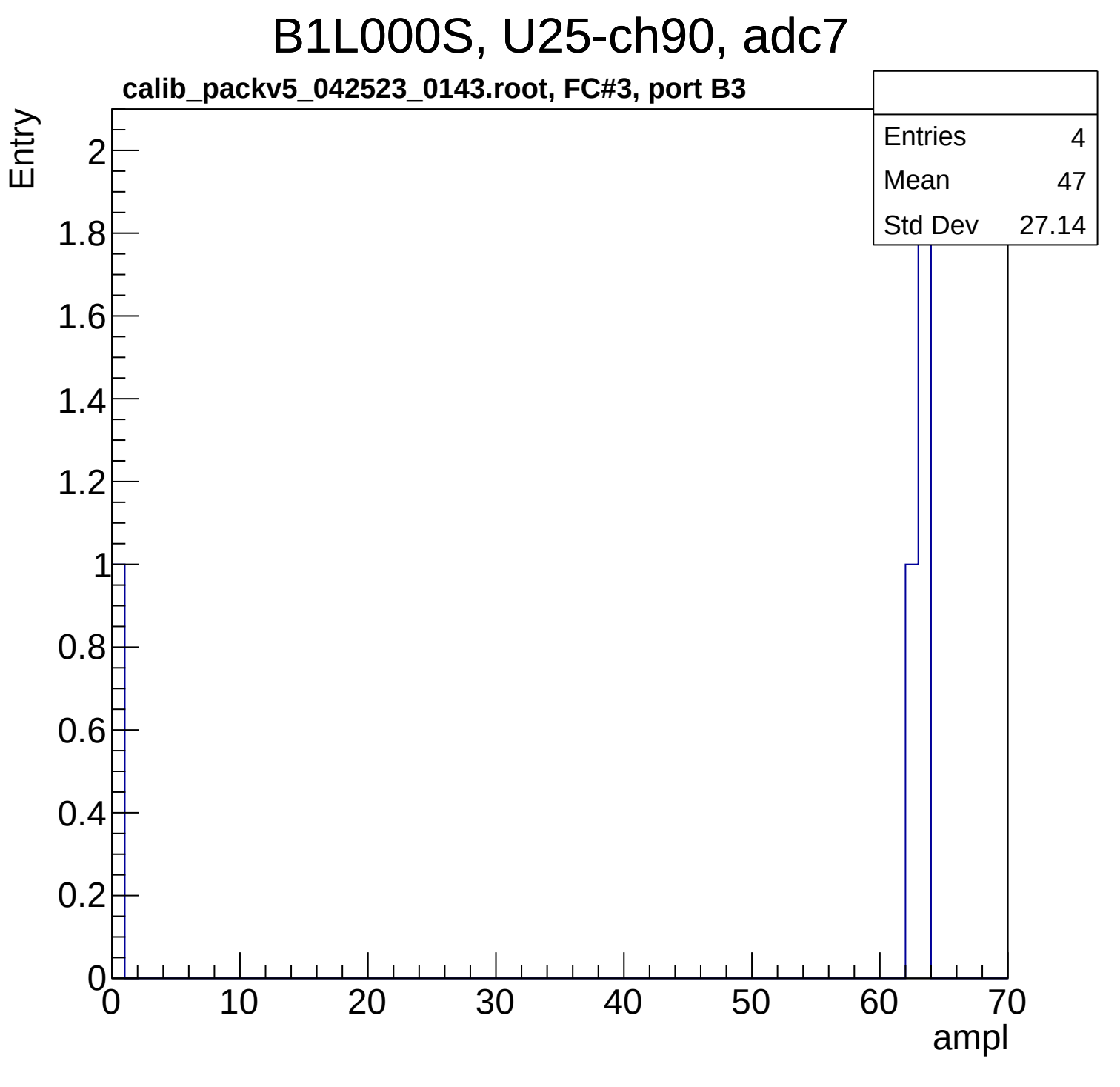
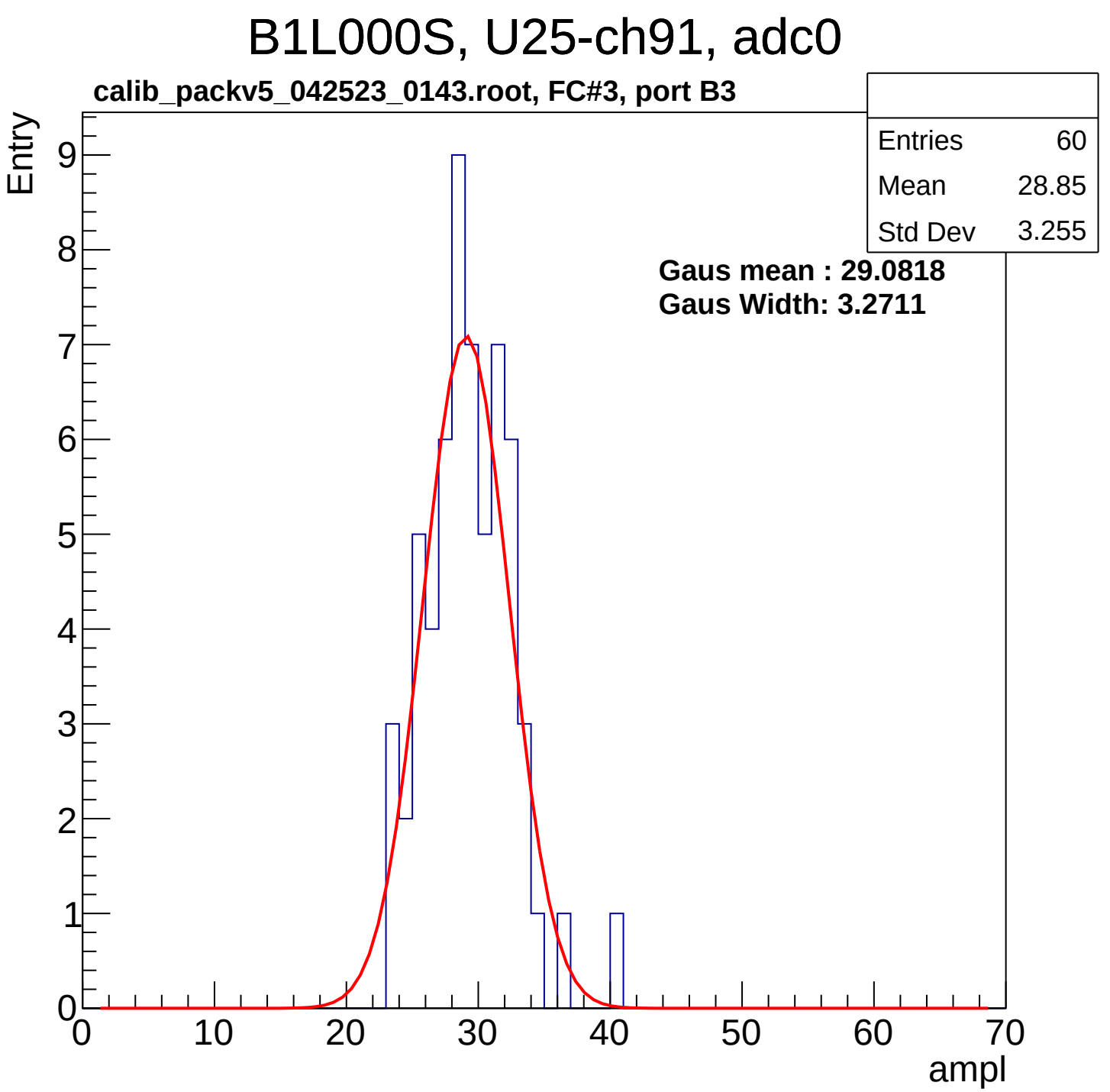
50
60
70
ampl


B1L000S, U25-ch90, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 47
Std Dev 27.14
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, U25-ch91, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 28.85
Std Dev 3.255
Gaus mean : 29.0818
Gaus Width: 3.2711
Entry
ampl
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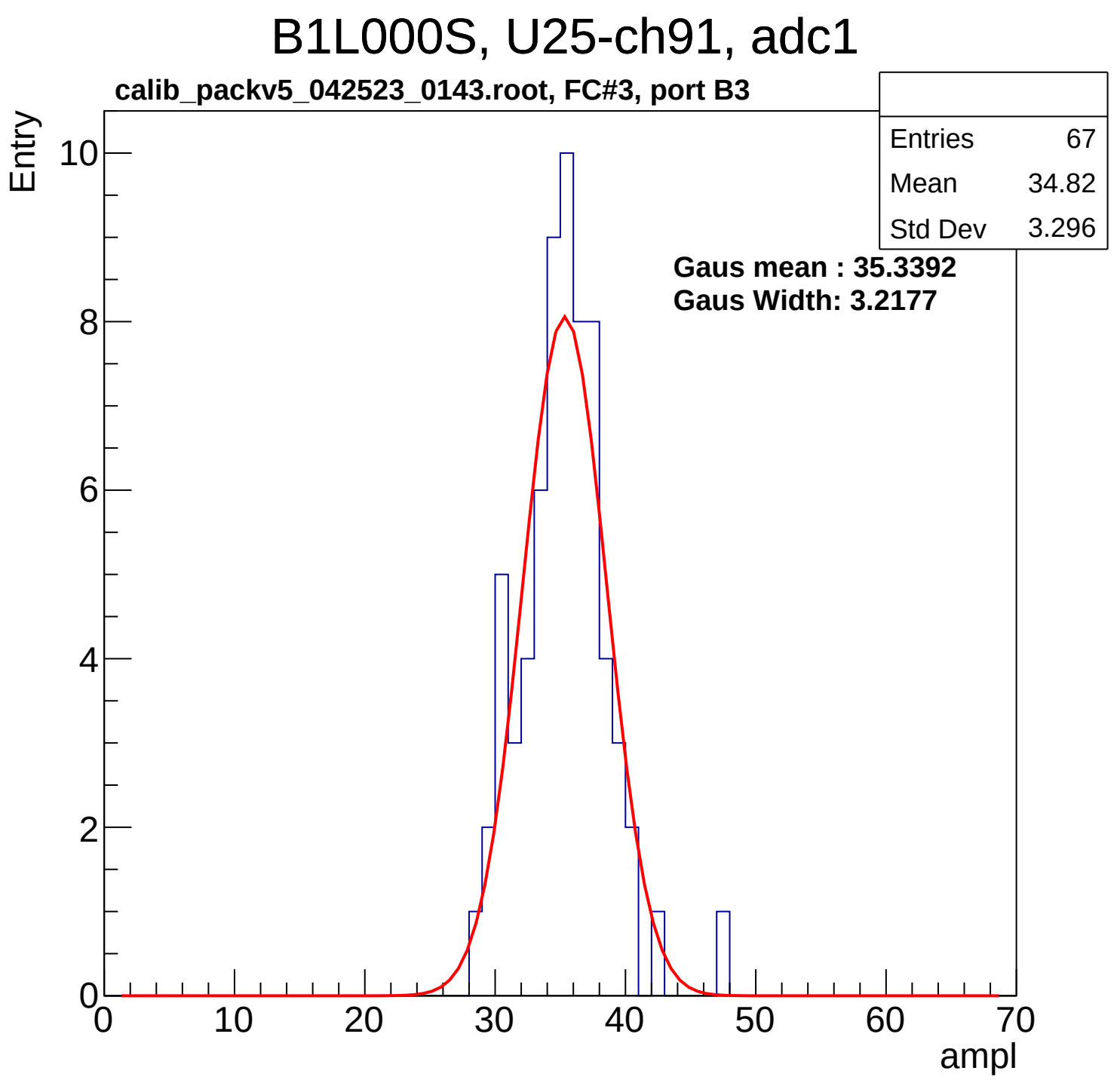
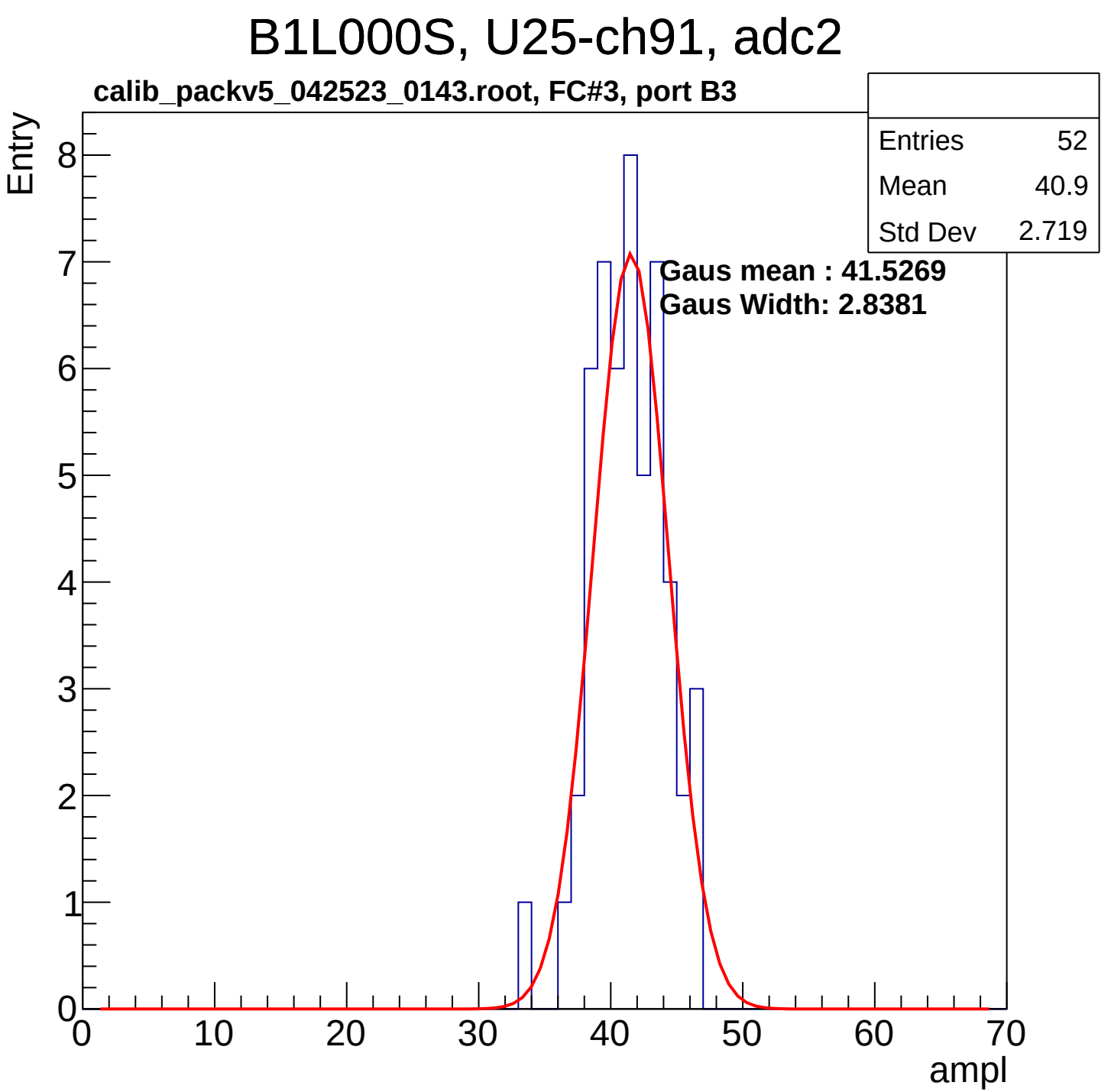
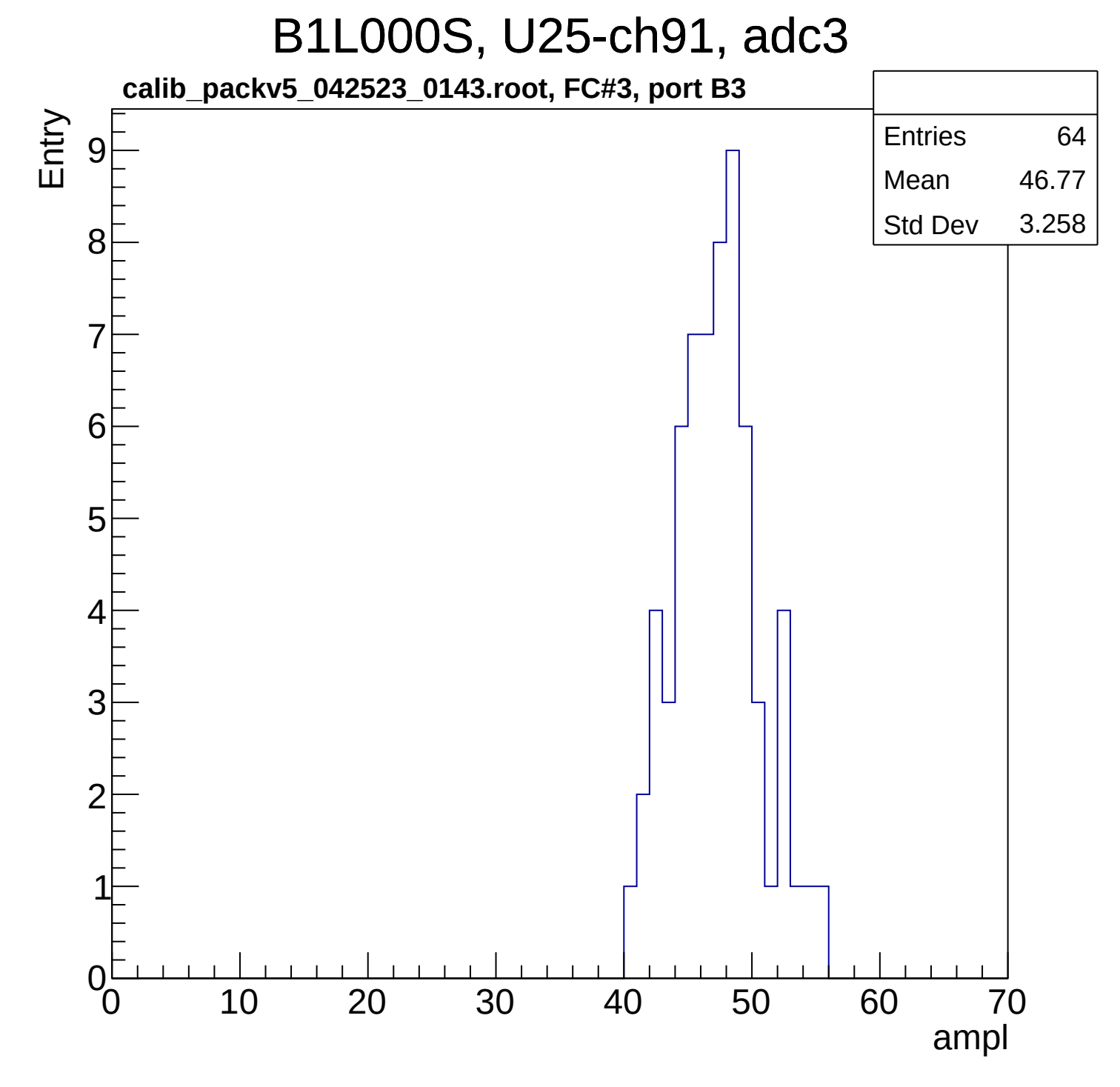
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U25-ch91, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 34.82
Std Dev 3.296
Gaus mean : 35.3392
Gaus Width: 3.2177
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch91, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 40.9
Std Dev 2.719
Gaus mean : 41.5269
Gaus Width: 2.8381
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch91, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 46.77
Std Dev 3.258
Entry
ampl
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3
4
5
6
7
8
9
0
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60
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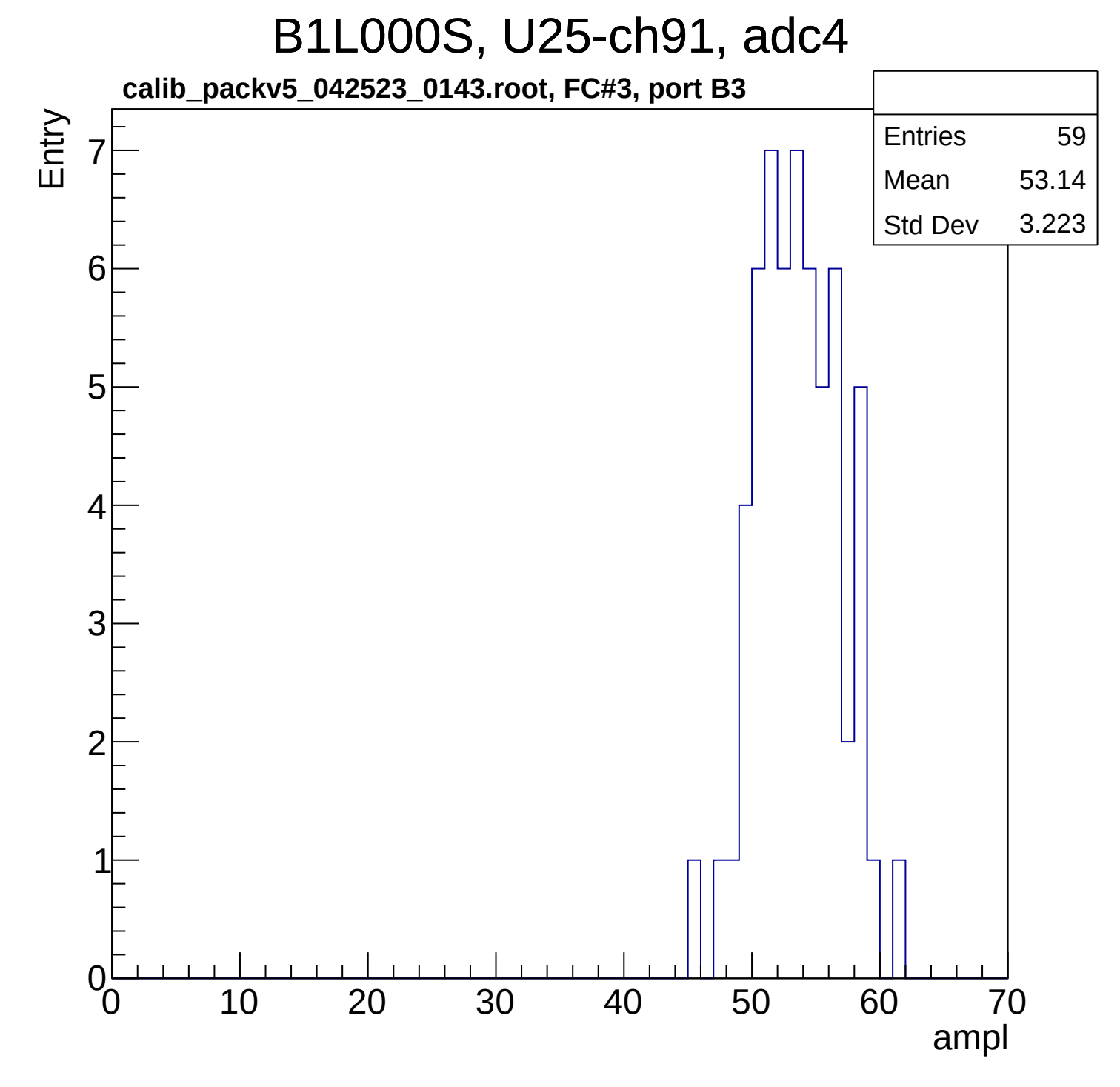
B1L000S, U25-ch91, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 53.14
Std Dev 3.223
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
30
40
50
60
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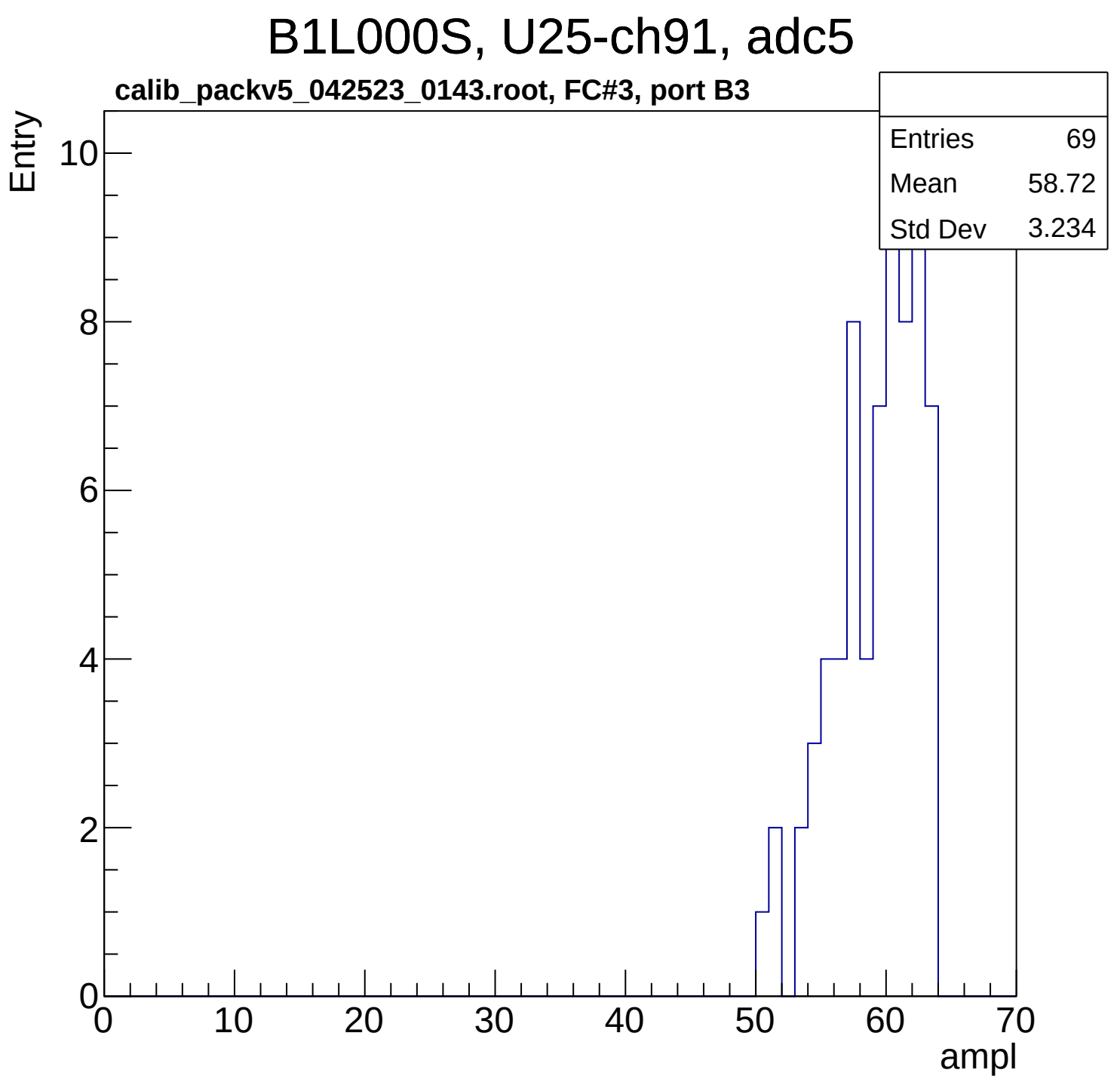
B1L000S, U25-ch91, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 58.72
Std Dev 3.234
Entry
ampl
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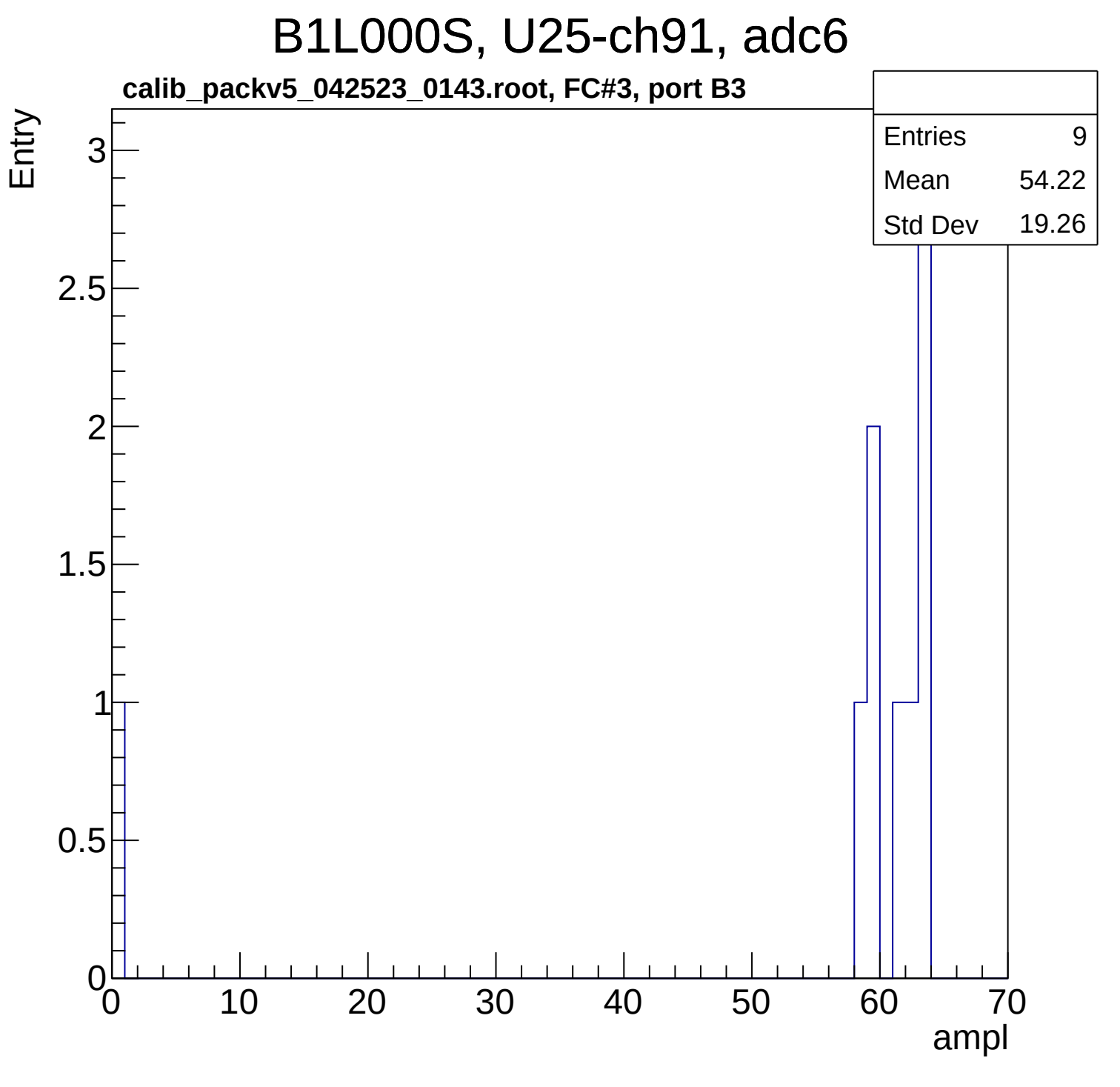
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch91, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 54.22
Std Dev 19.26
Entry
ampl
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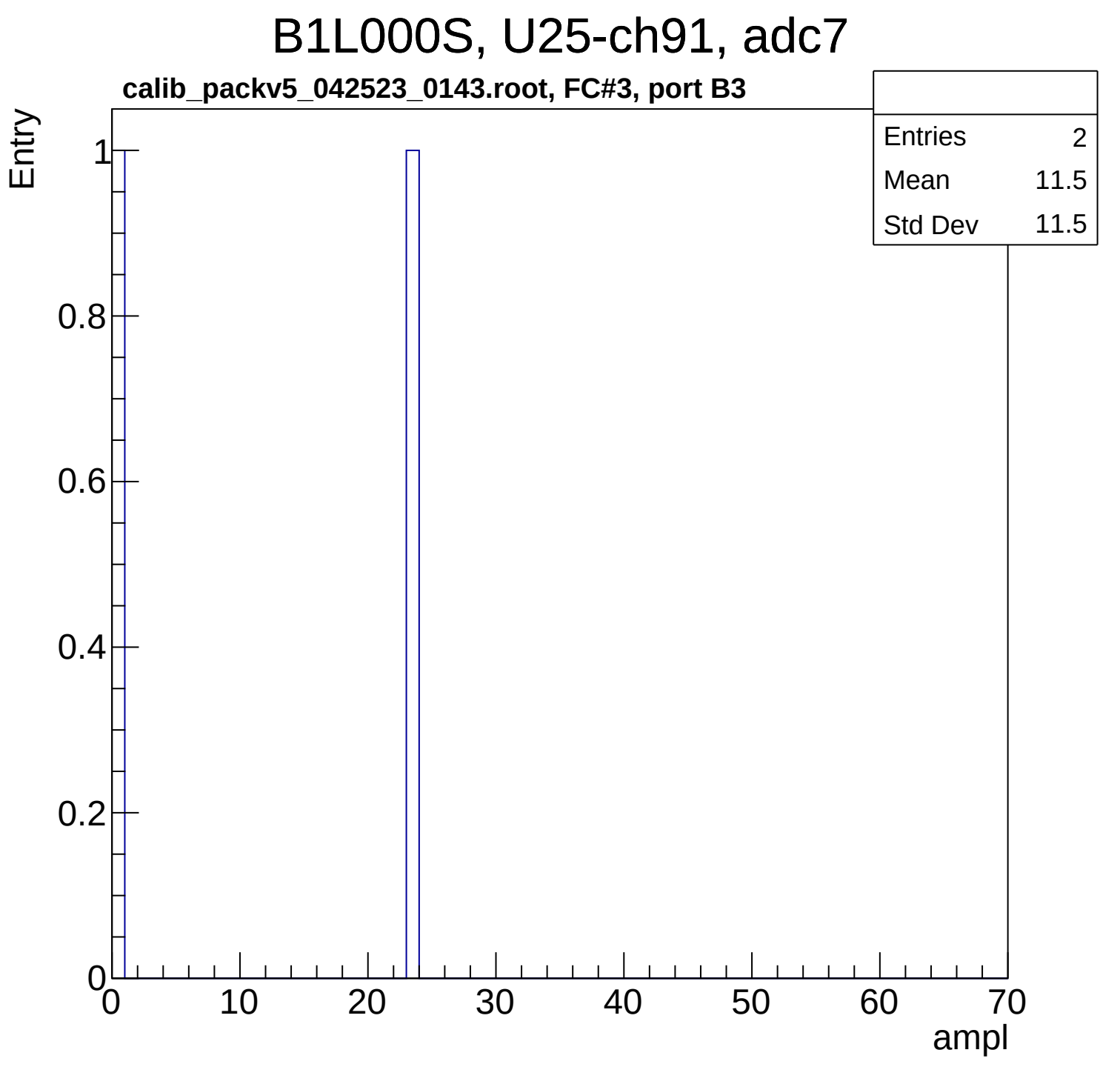
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U25-ch91, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 11.5
Std Dev 11.5
Entry
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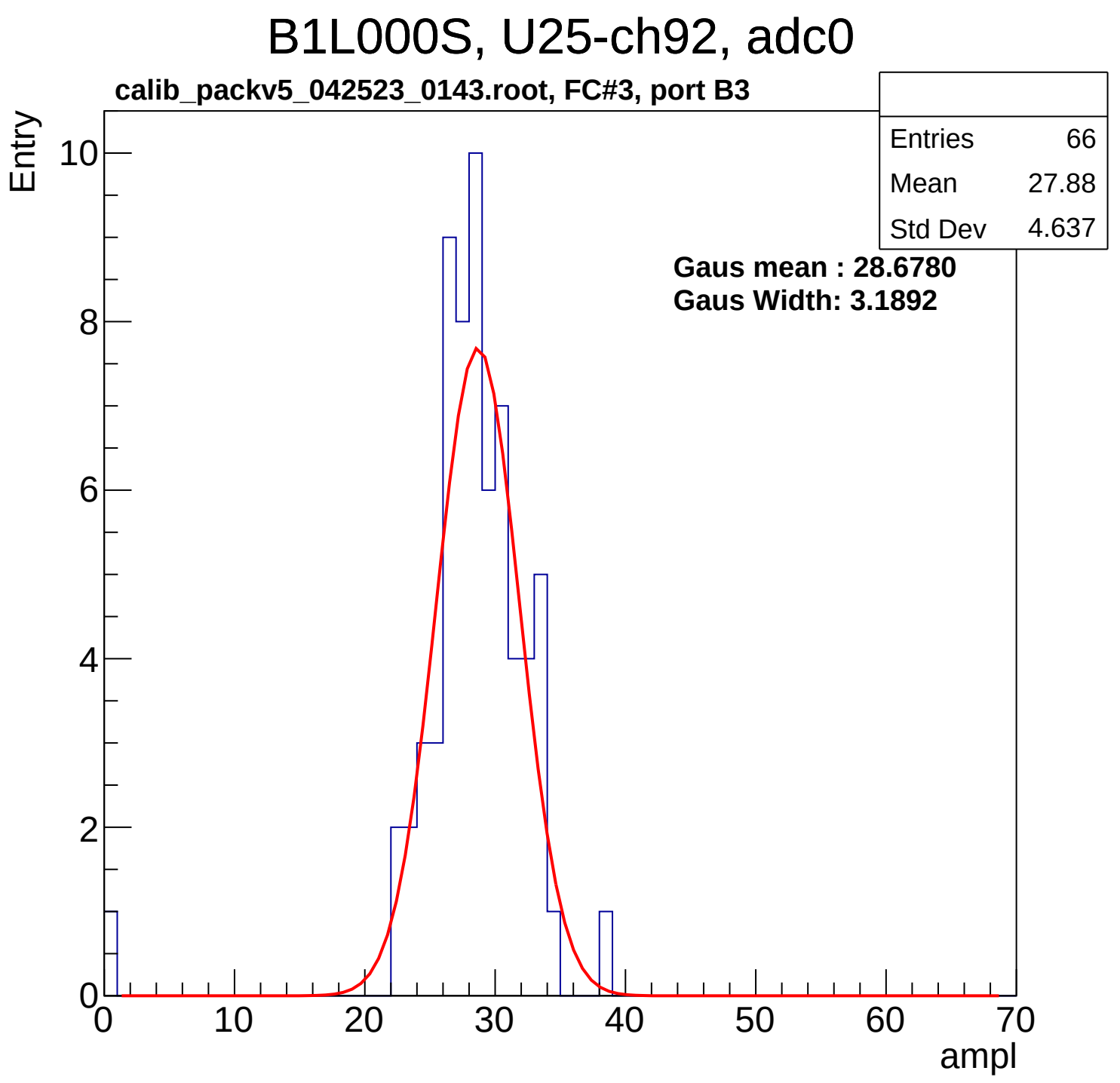
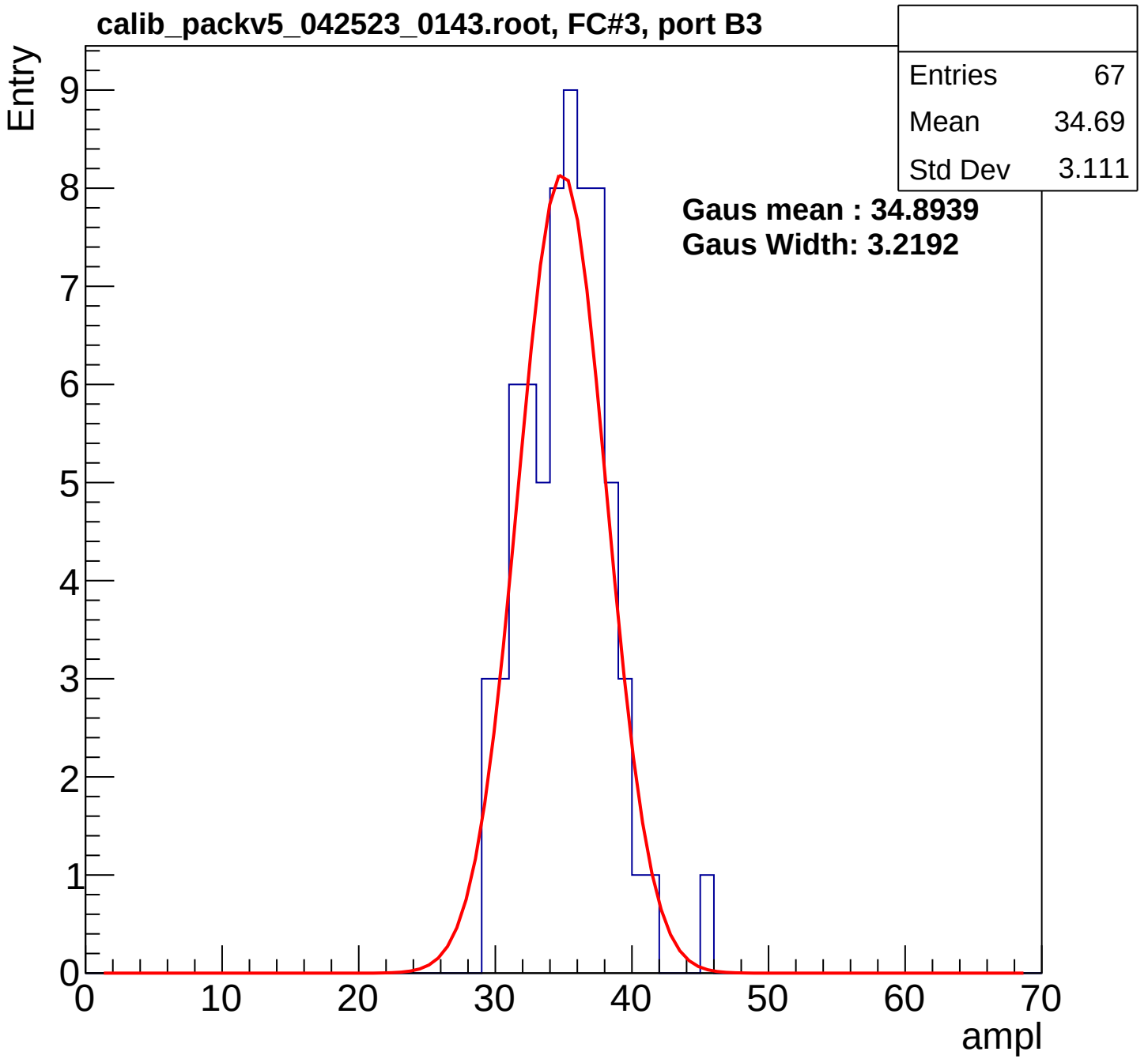
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch92, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 27.88
Std Dev 4.637
Gaus mean : 28.6780
Gaus Width: 3.1892
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch92, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 34.69
Std Dev 3.111
Gaus mean : 34.8939
Gaus Width: 3.2192
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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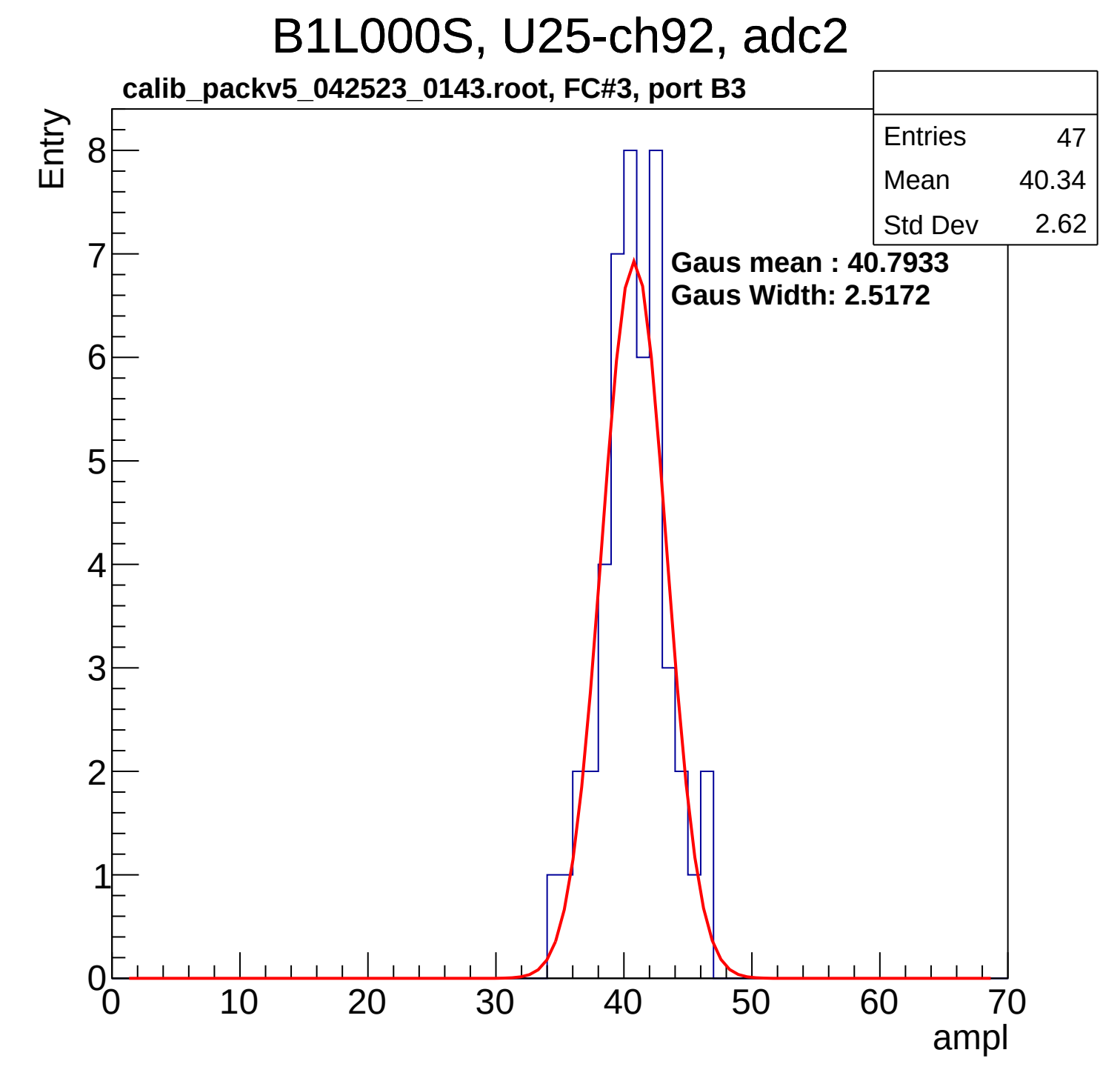
B1L000S, U25-ch92, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 40.34
Std Dev 2.62
Gaus mean : 40.7933
Gaus Width: 2.5172
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
50
60
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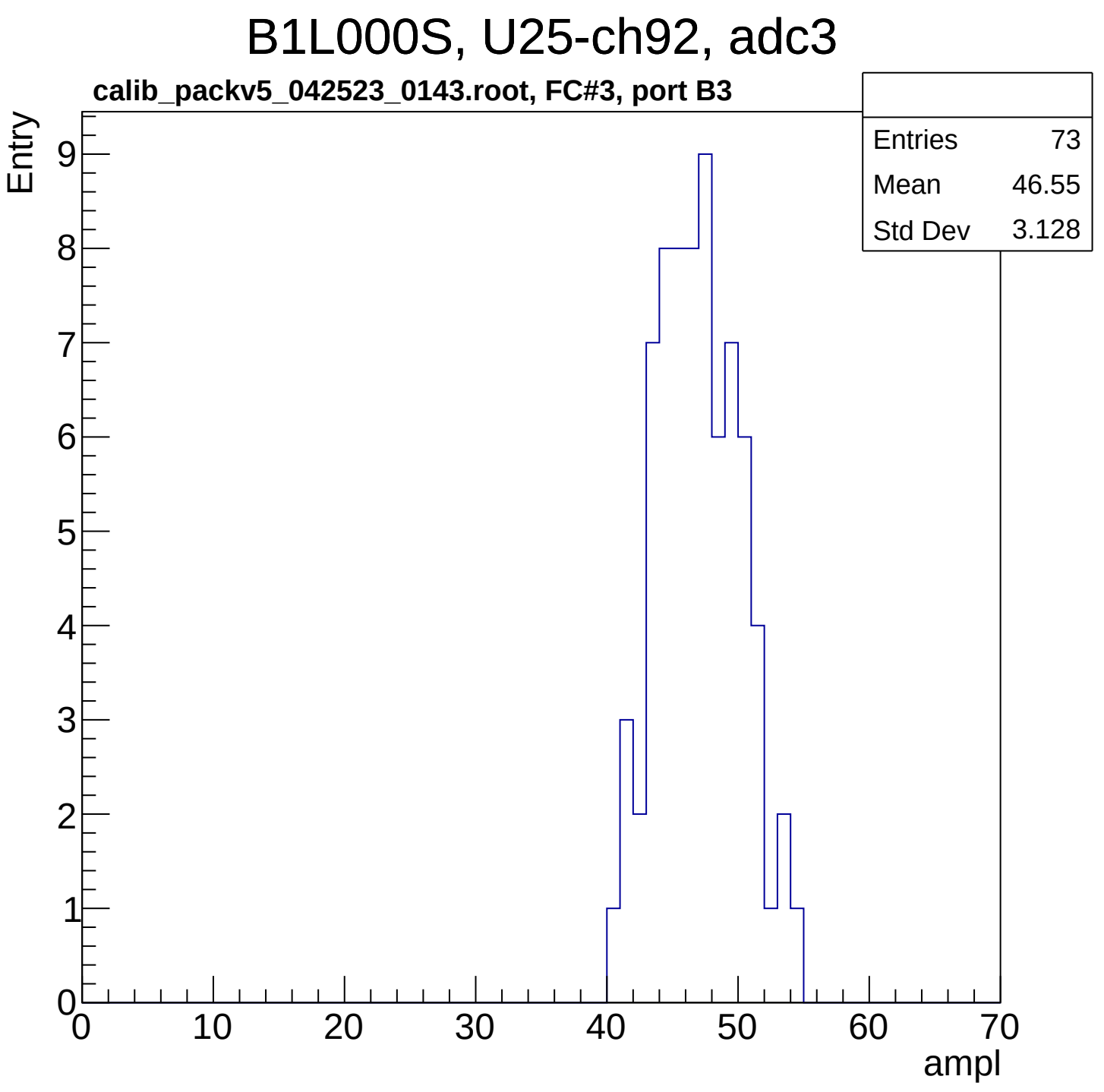
B1L000S, U25-ch92, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 46.55
Std Dev 3.128
Entry
ampl
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3
4
5
6
7
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9
0
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60
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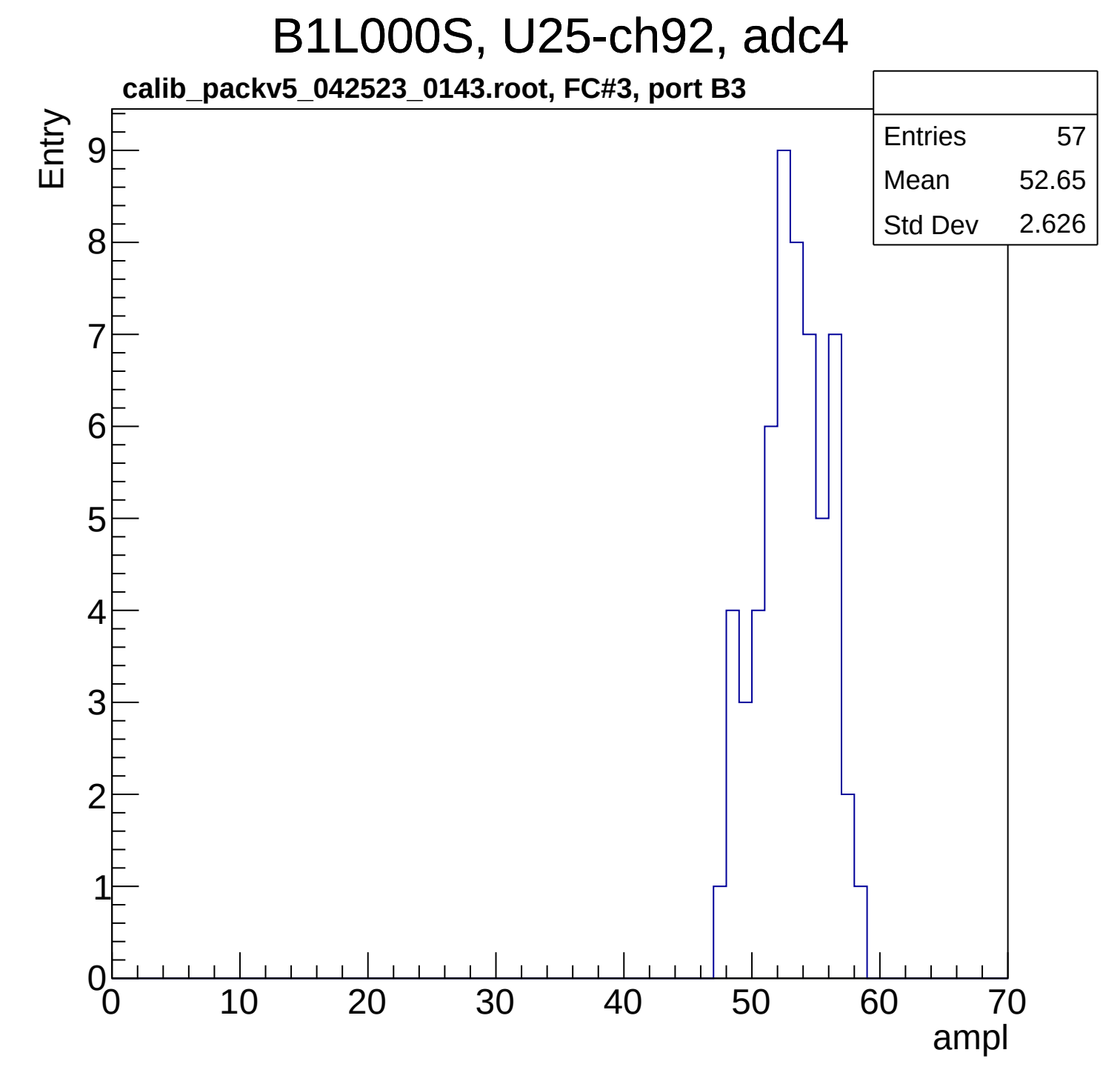
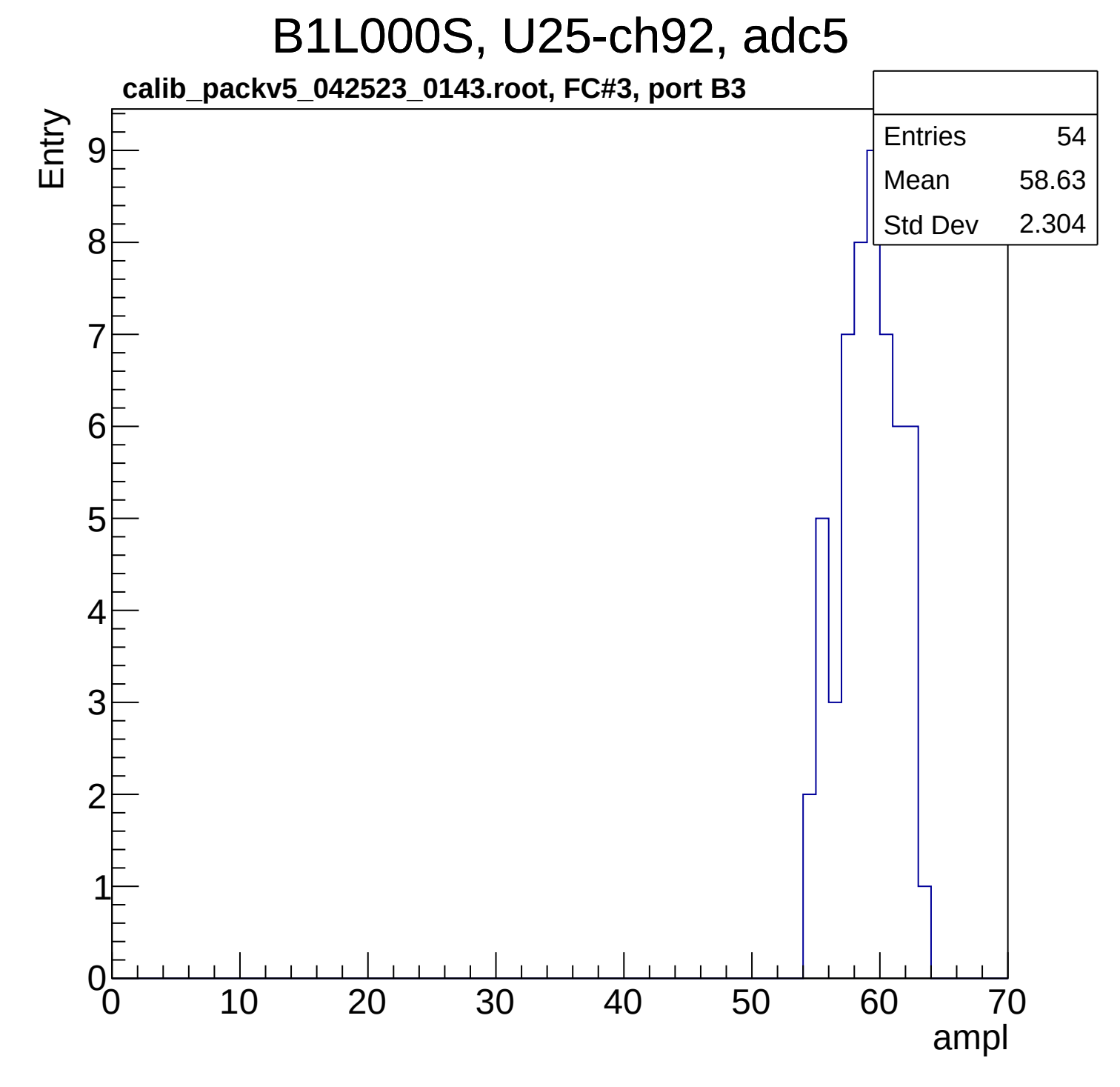

B1L000S, U25-ch92, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 52.65
Std Dev 2.626
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch92, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 58.63
Std Dev 2.304
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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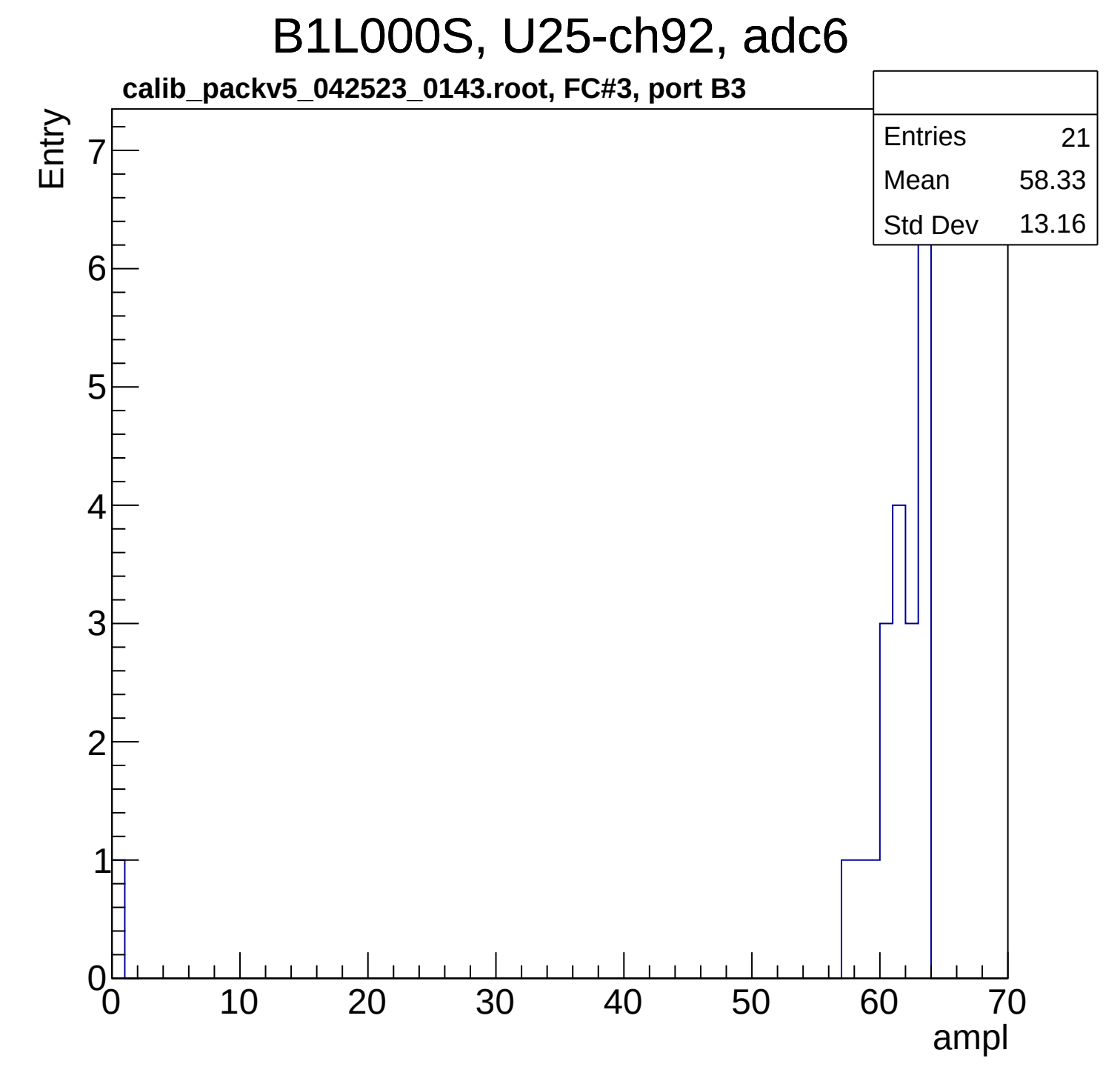
B1L000S, U25-ch92, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 21
Mean 58.33
Std Dev 13.16
Entry
ampl
0
1
2
3
4
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0
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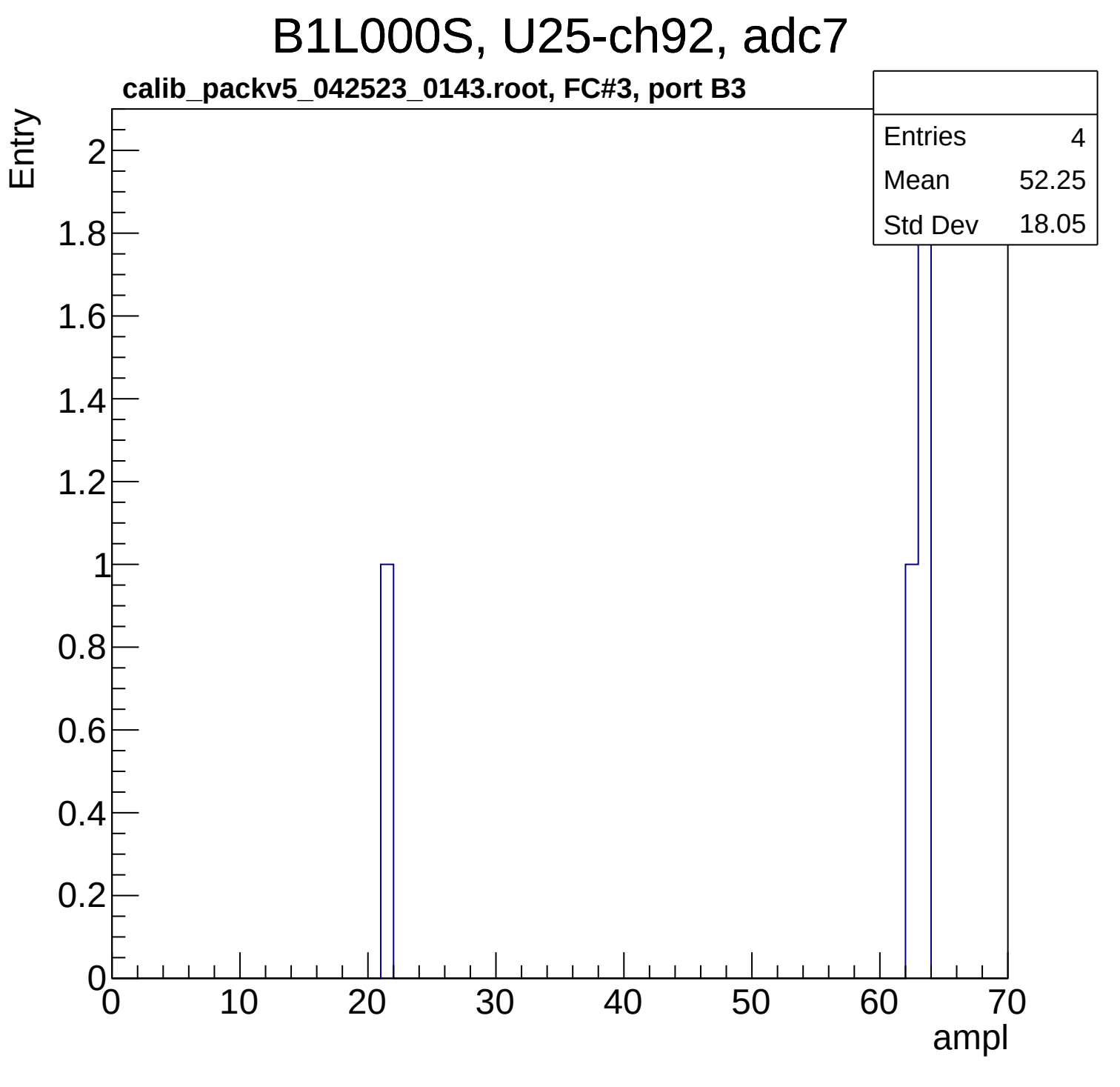
B1L000S, U25-ch92, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 52.25
Std Dev 18.05
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
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60
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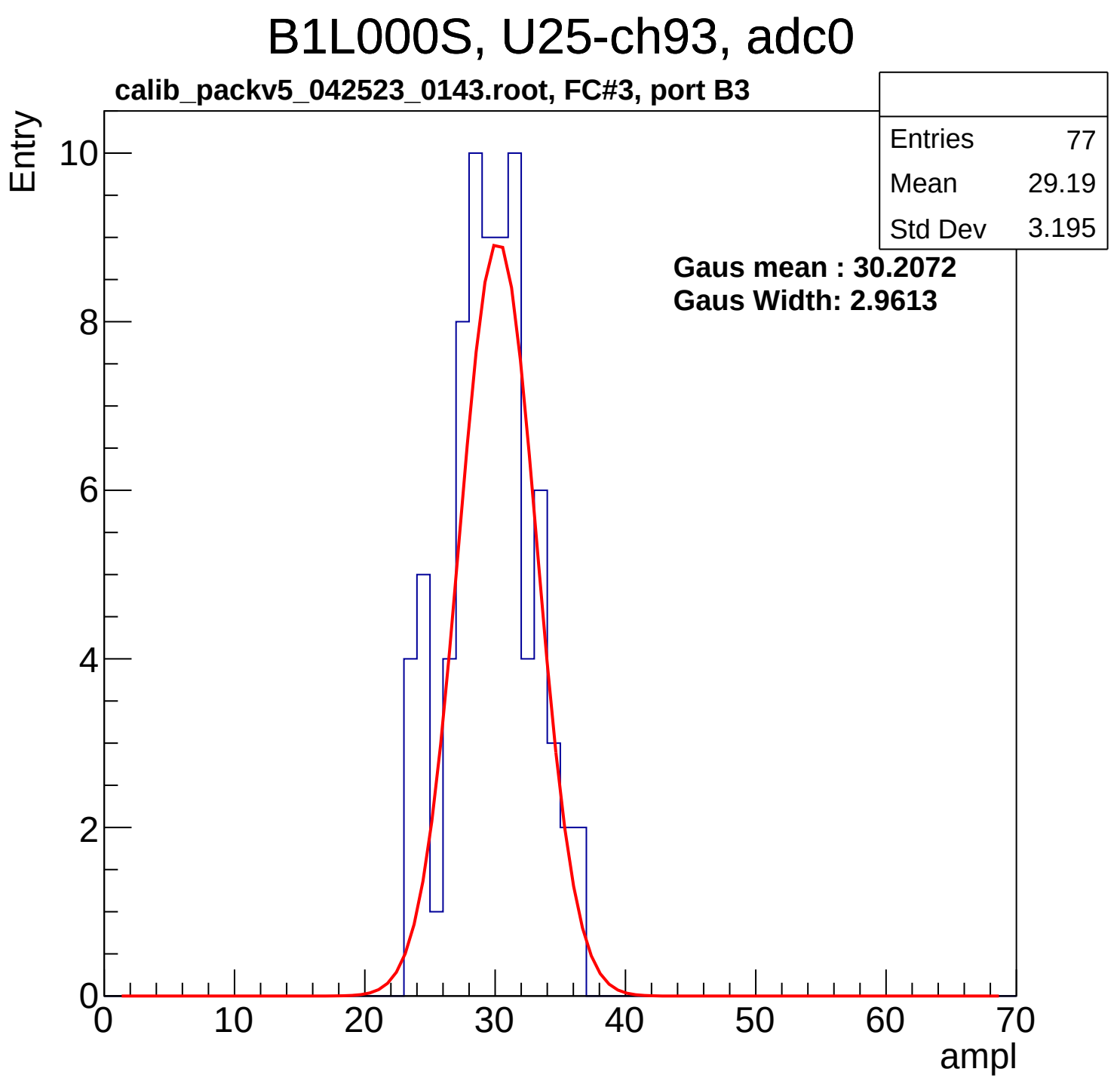
B1L000S, U25-ch93, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 29.19
Std Dev 3.195
Gaus mean : 30.2072
Gaus Width: 2.9613
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
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60
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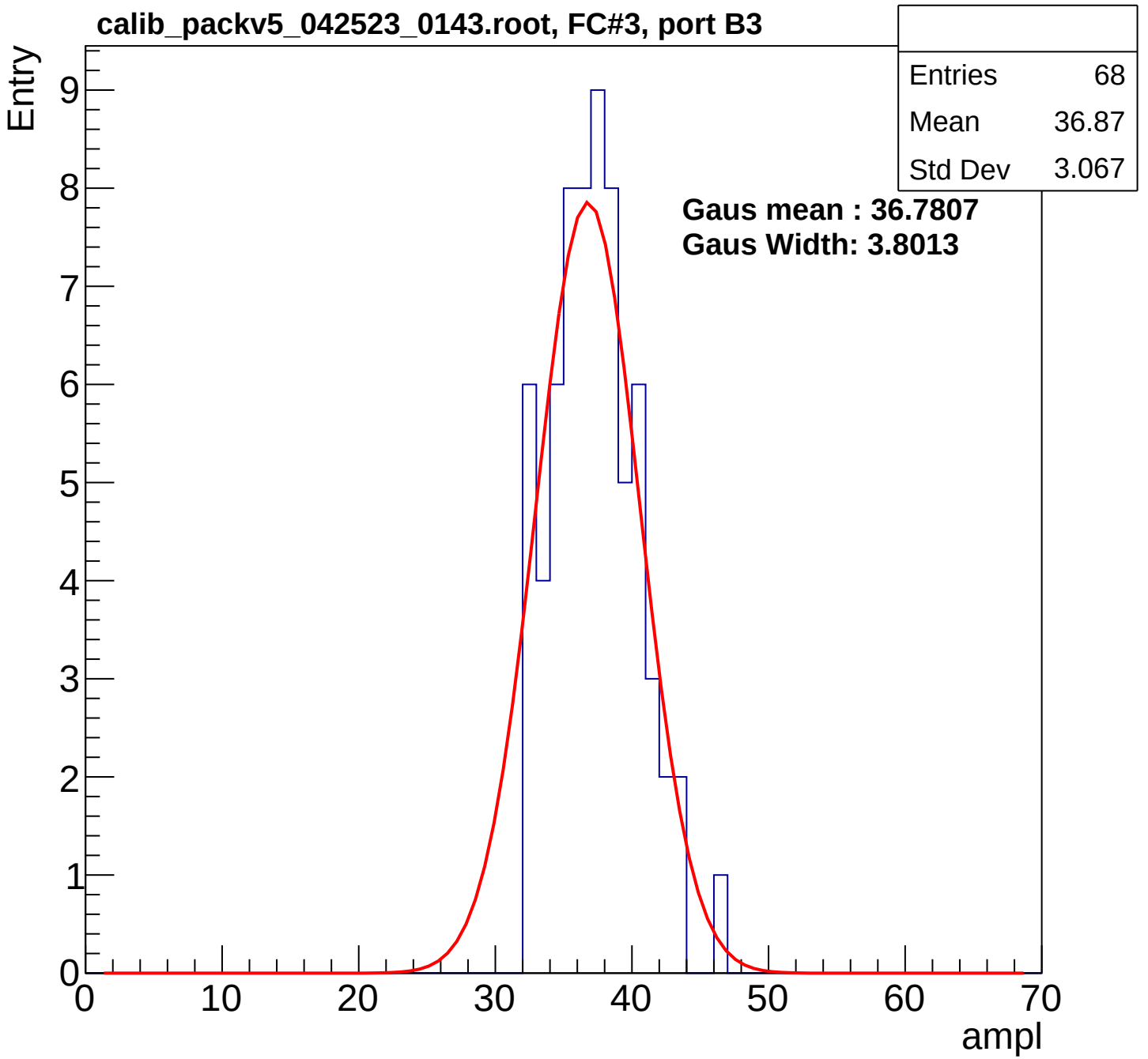
B1L000S, U25-ch93, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 36.87
Std Dev 3.067
Gaus mean : 36.7807
Gaus Width: 3.8013
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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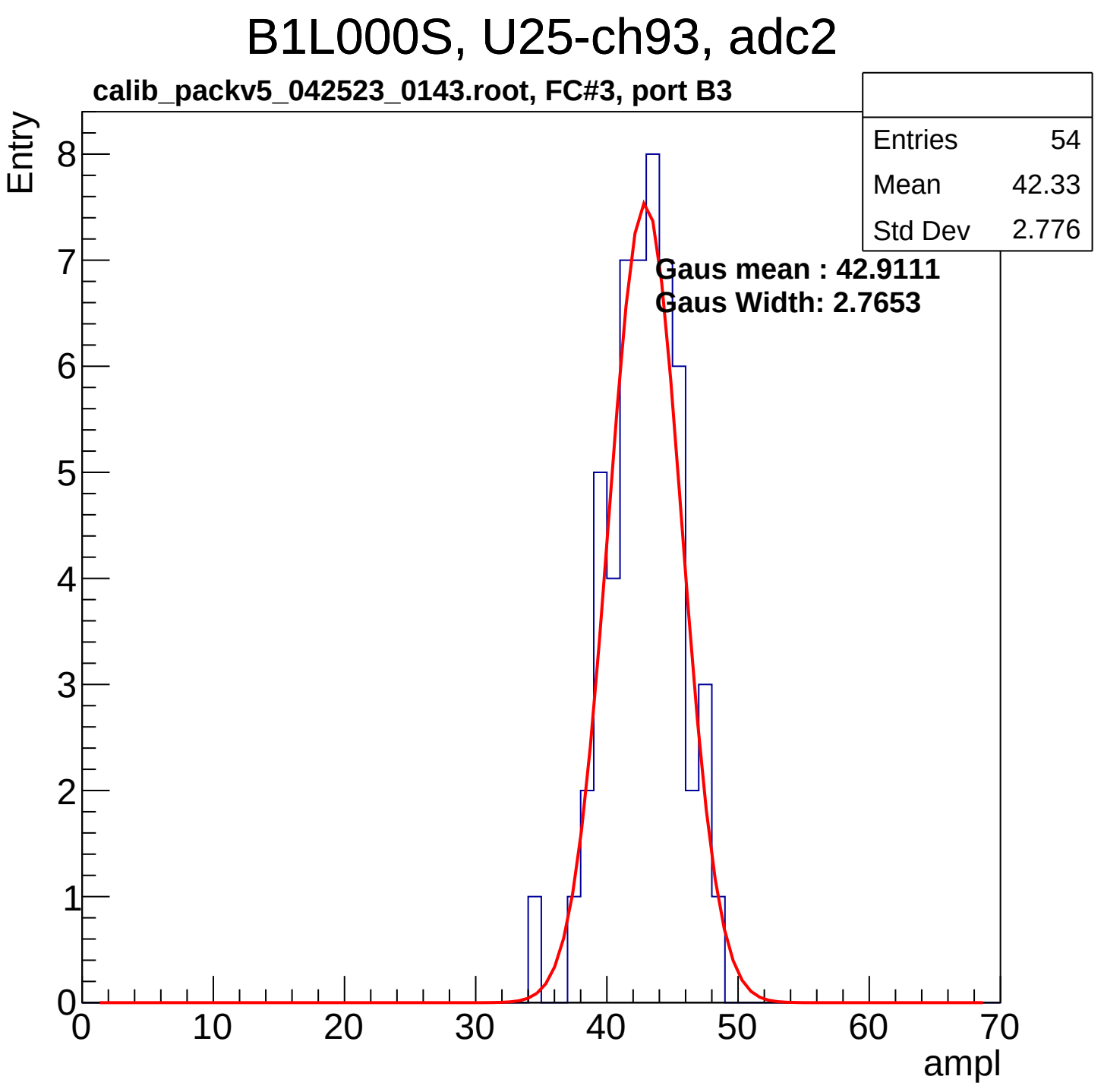
B1L000S, U25-ch93, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 42.33
Std Dev 2.776
Gaus mean : 42.9111
Gaus Width: 2.7653
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
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30
40
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60
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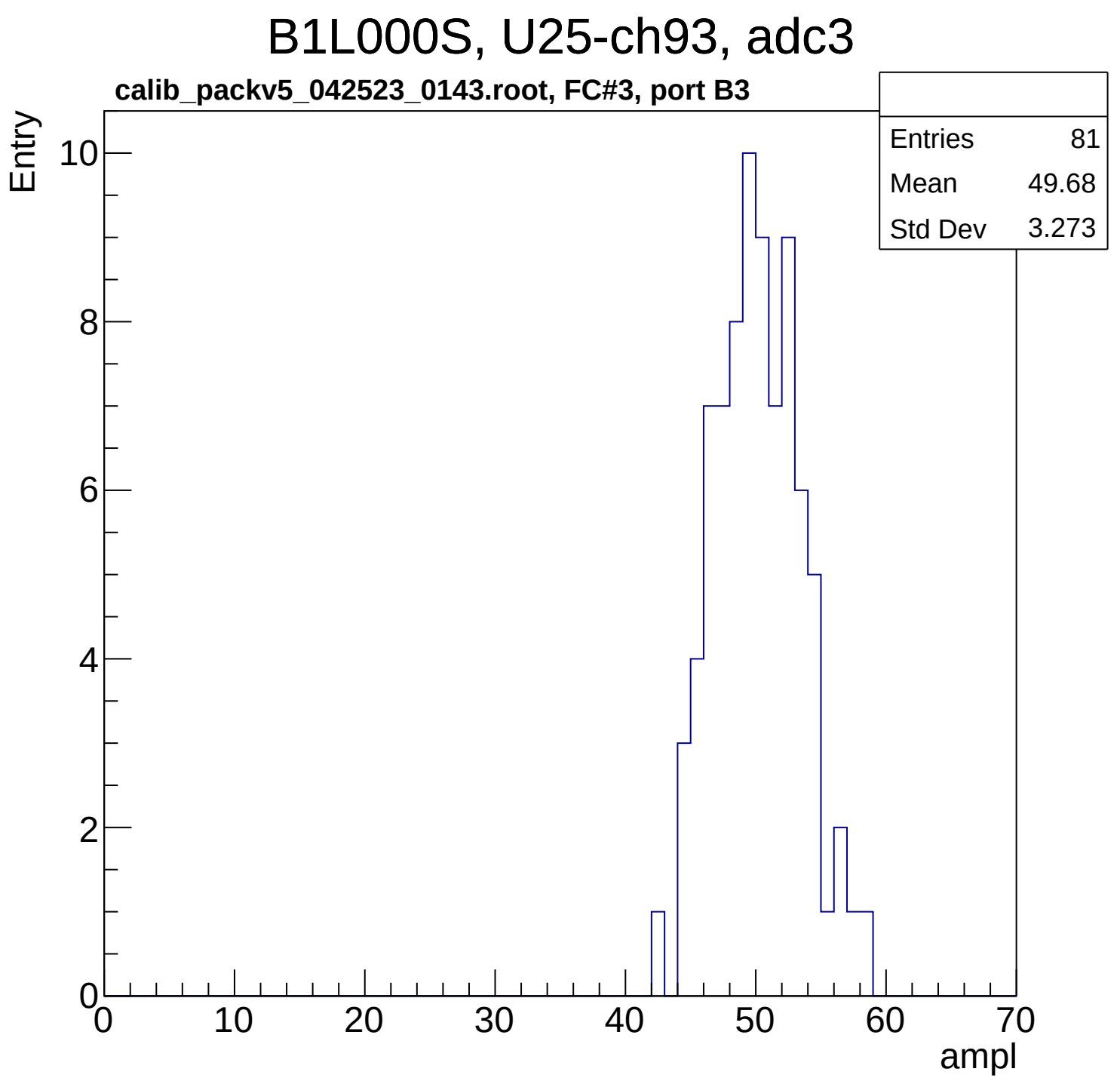
B1L000S, U25-ch93, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 81
Mean 49.68
Std Dev 3.273
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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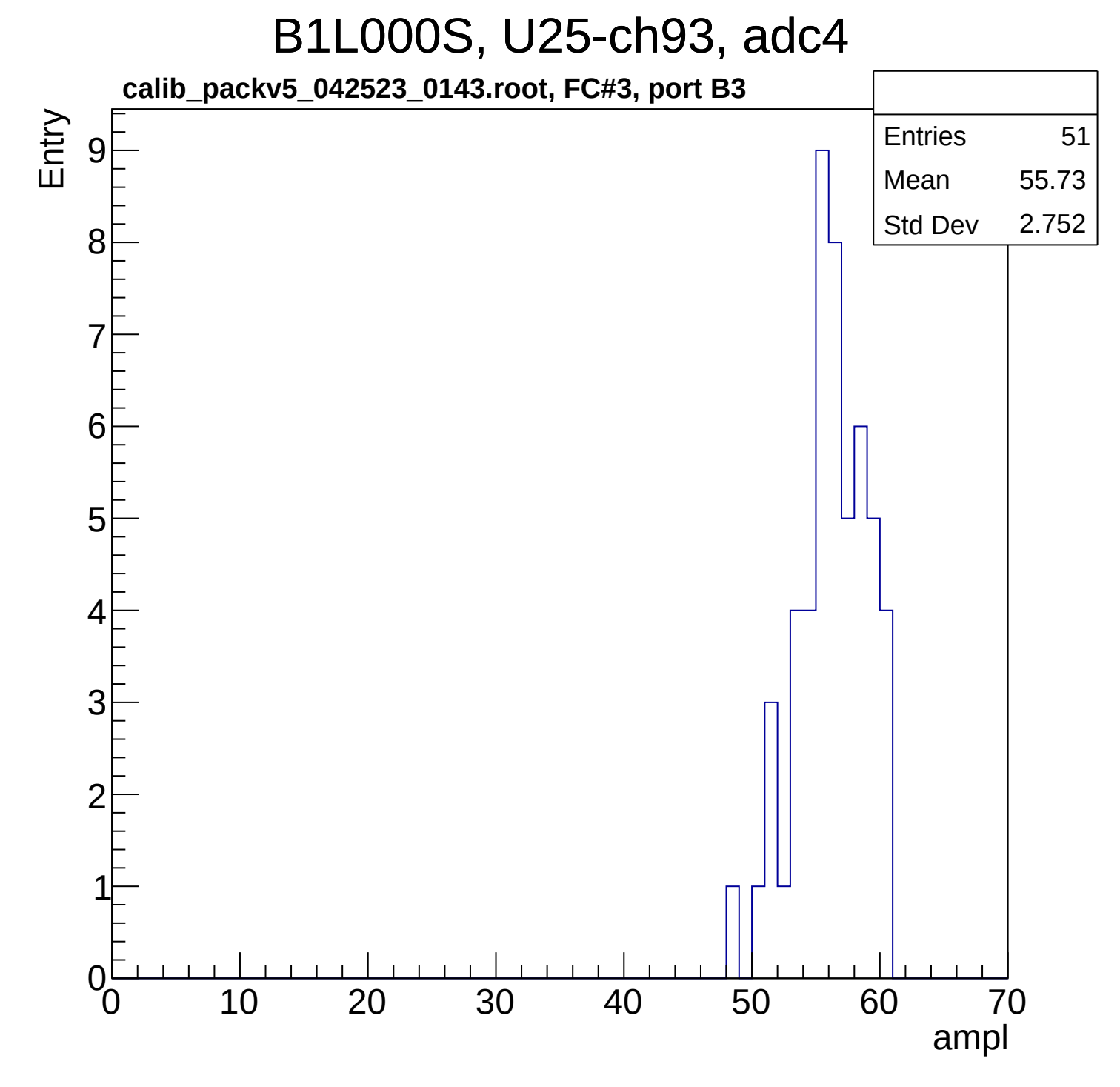
B1L000S, U25-ch93, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 55.73
Std Dev 2.752
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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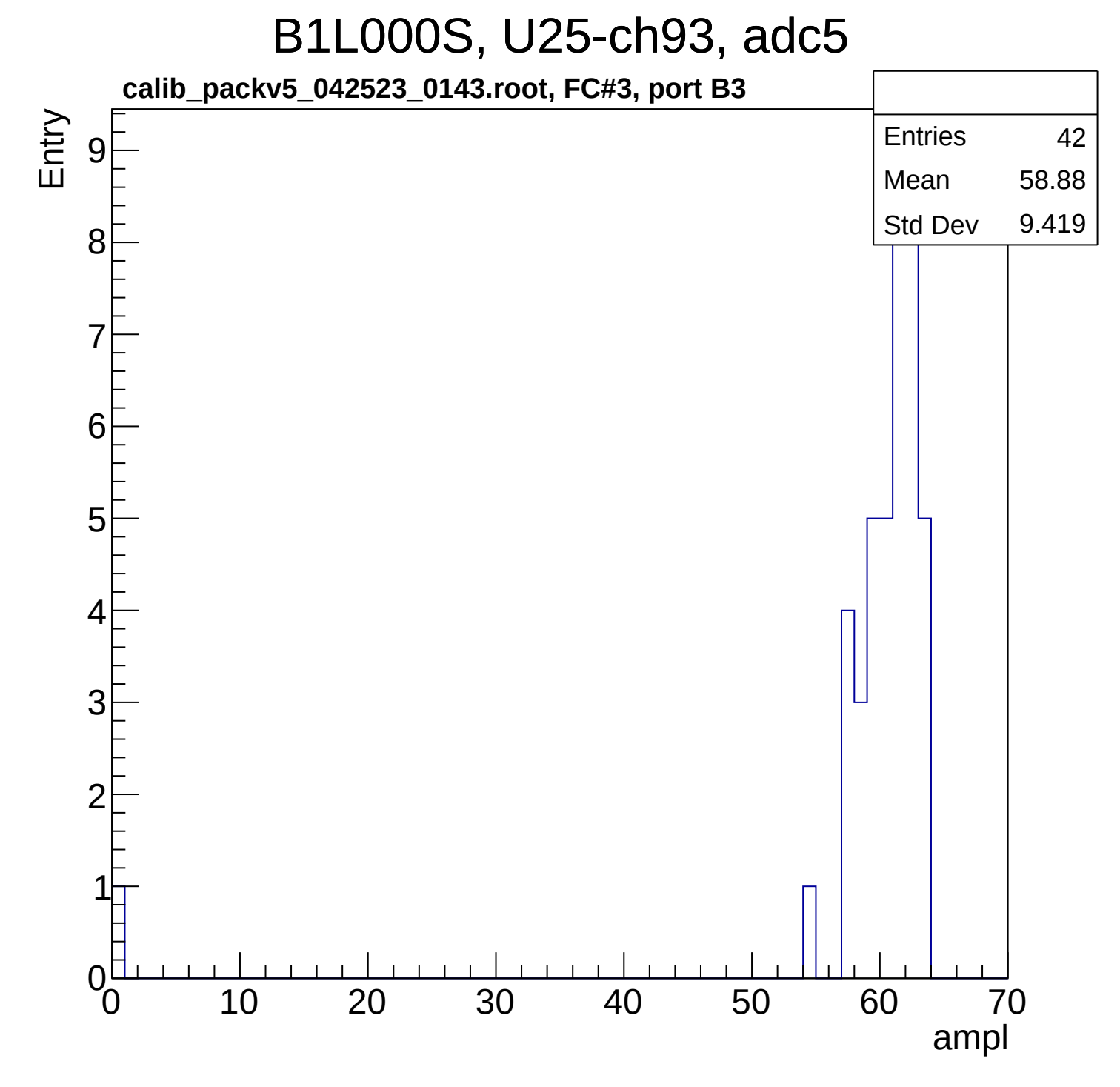
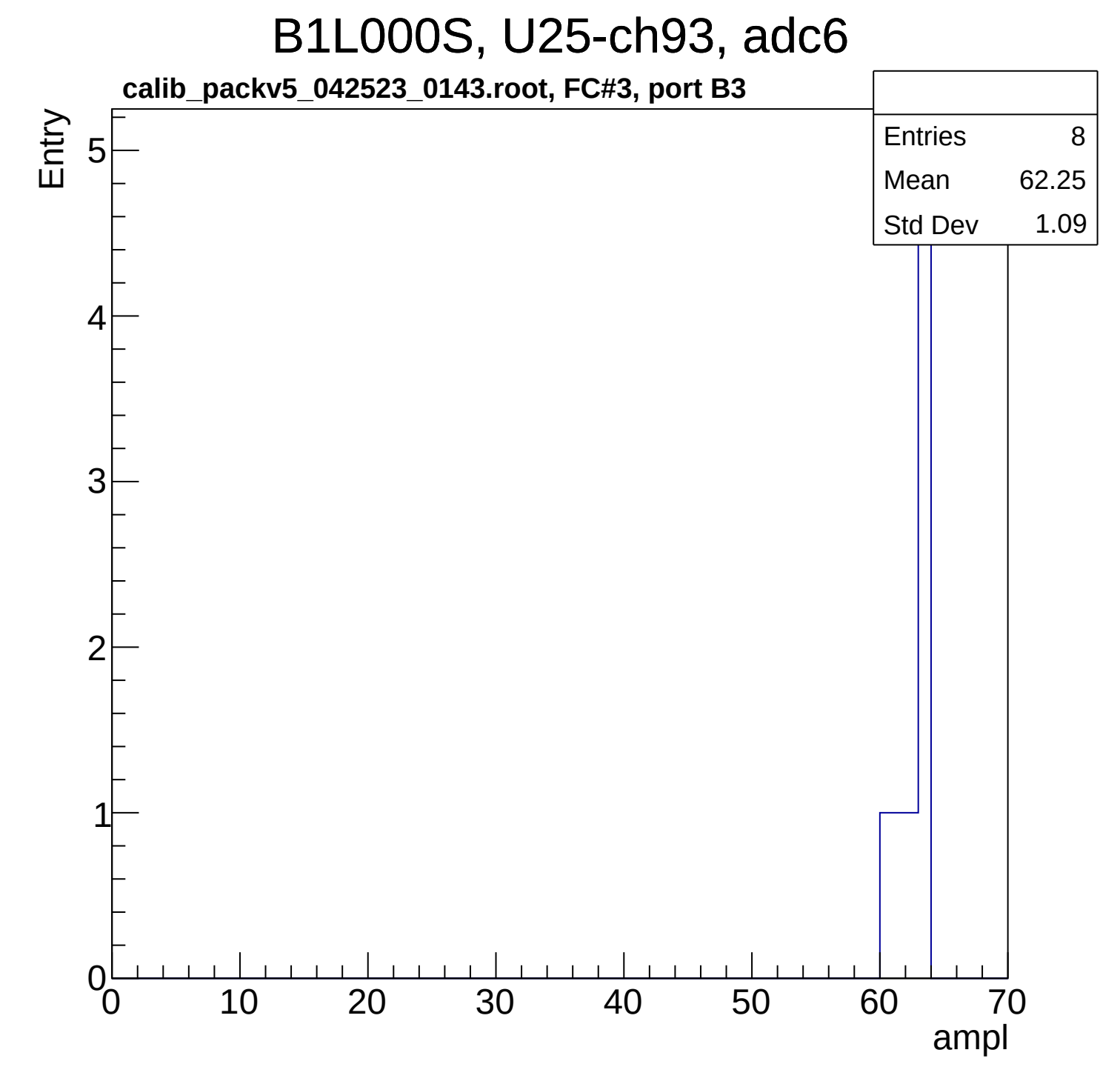
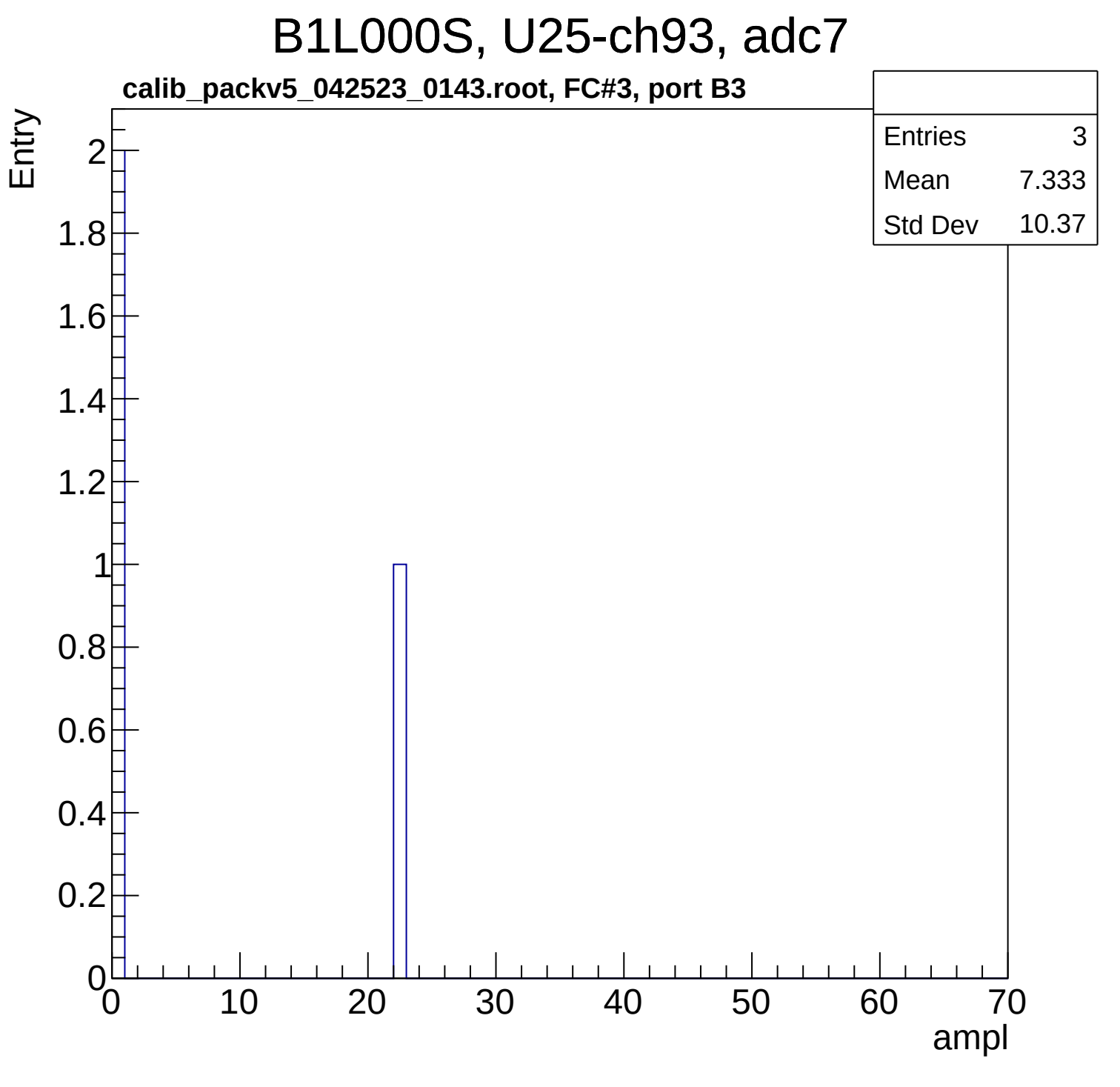

B1L000S, U25-ch93, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 58.88
Std Dev 9.419
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch93, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 8
Mean 62.25
Std Dev 1.09
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch93, 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
30
40
50
60
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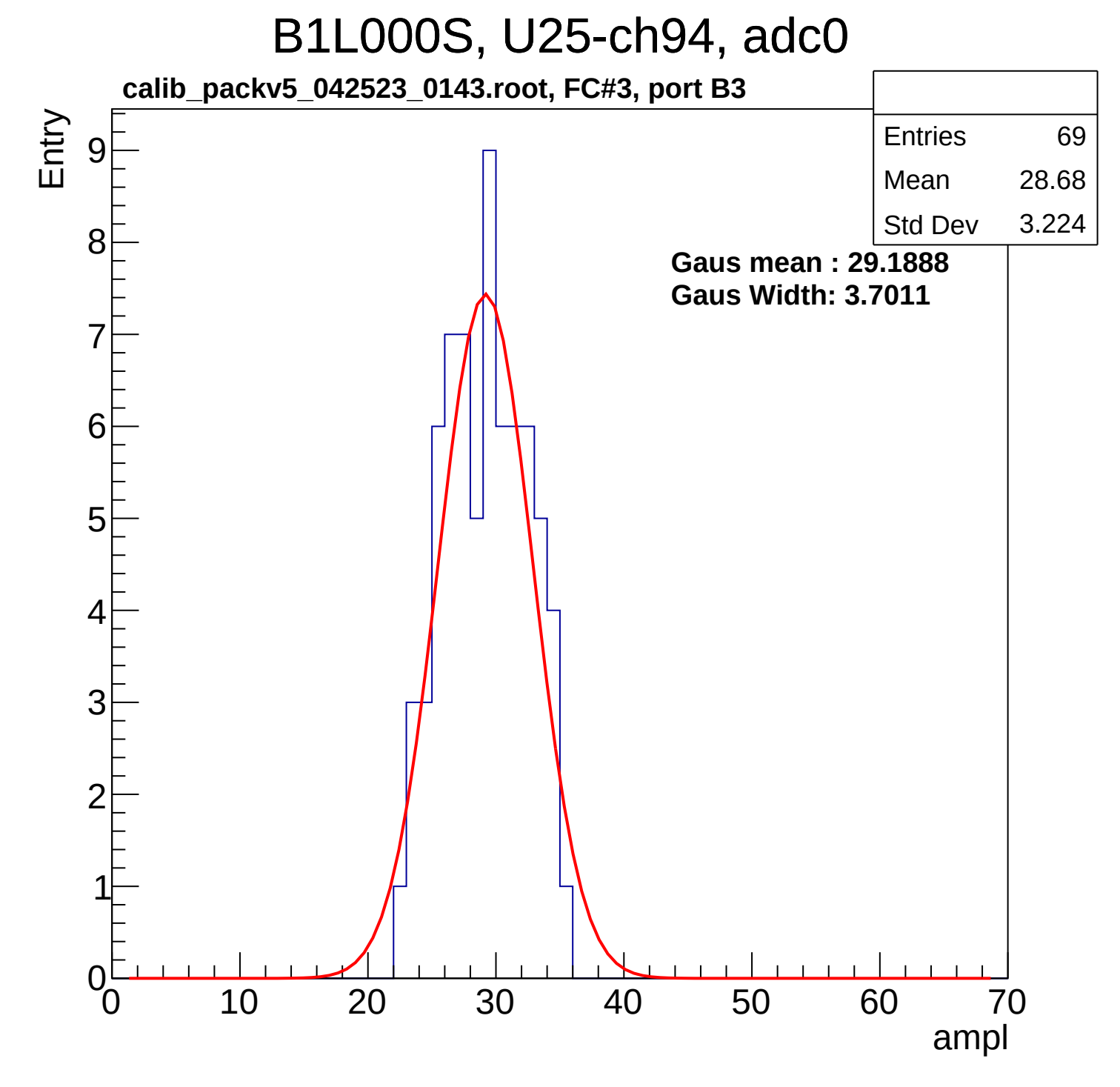
B1L000S, U25-ch94, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 28.68
Std Dev 3.224
Gaus mean : 29.1888
Gaus Width: 3.7011
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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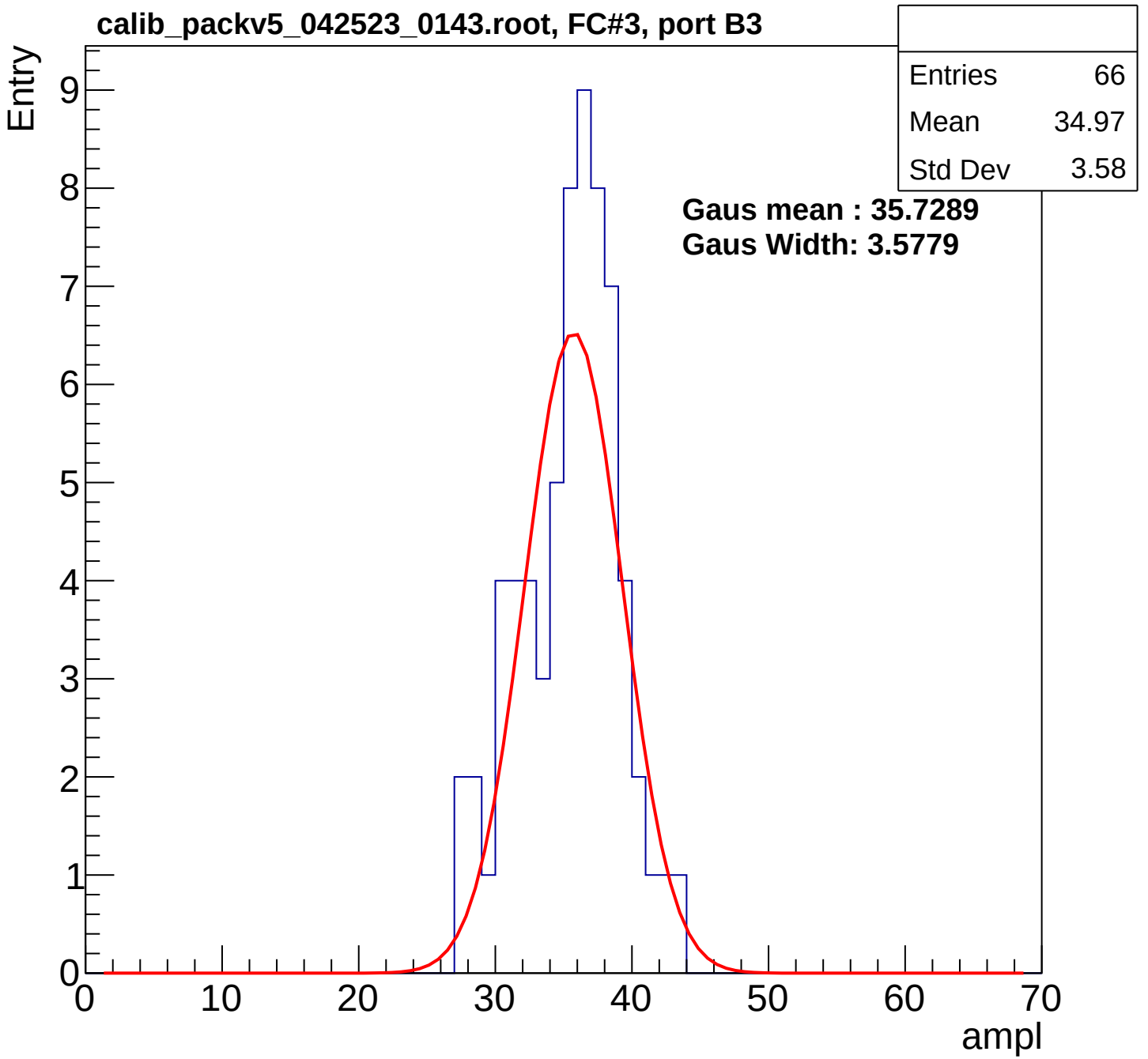
B1L000S, U25-ch94, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 34.97
Std Dev 3.58
Gaus mean : 35.7289
Gaus Width: 3.5779
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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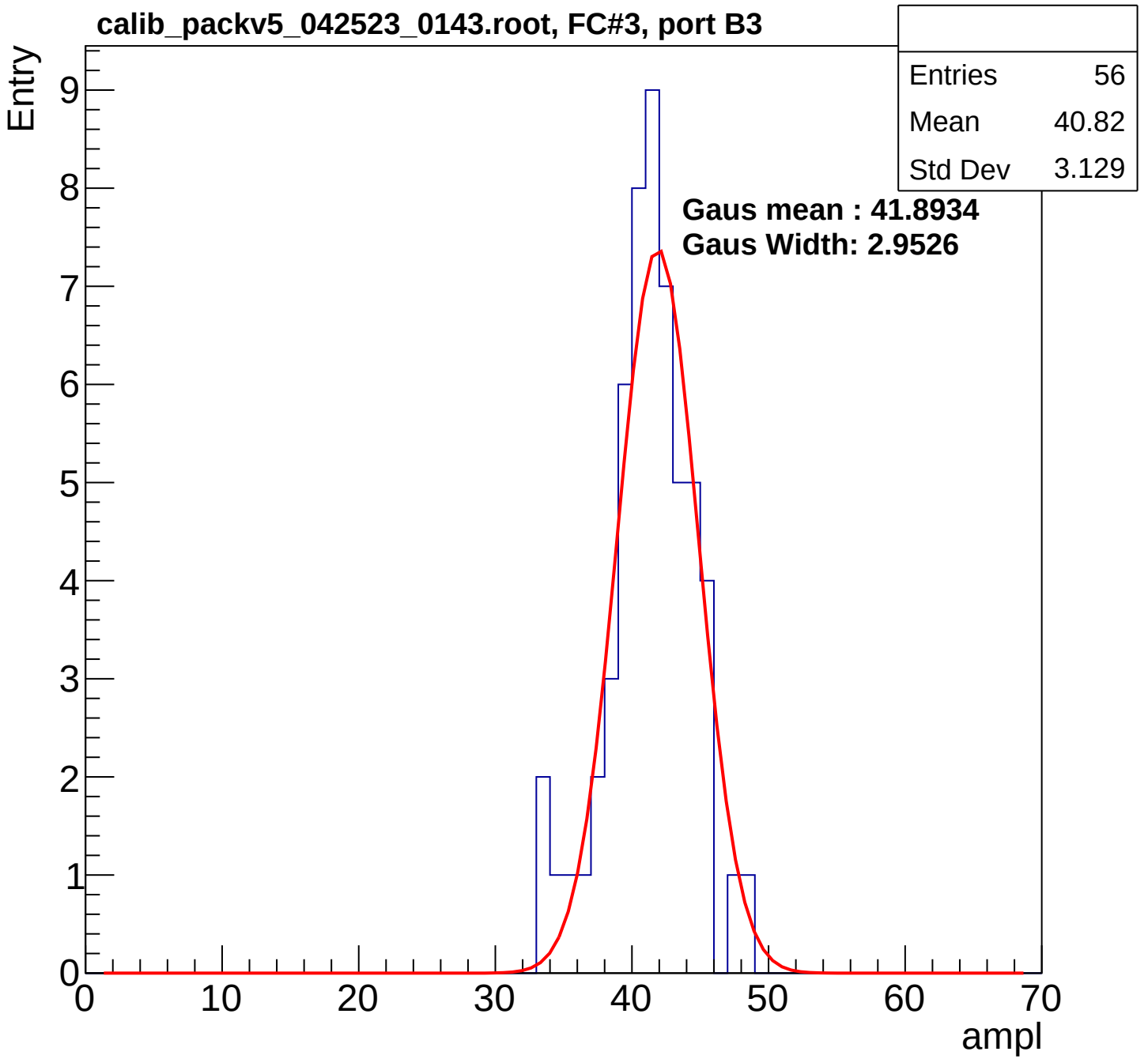
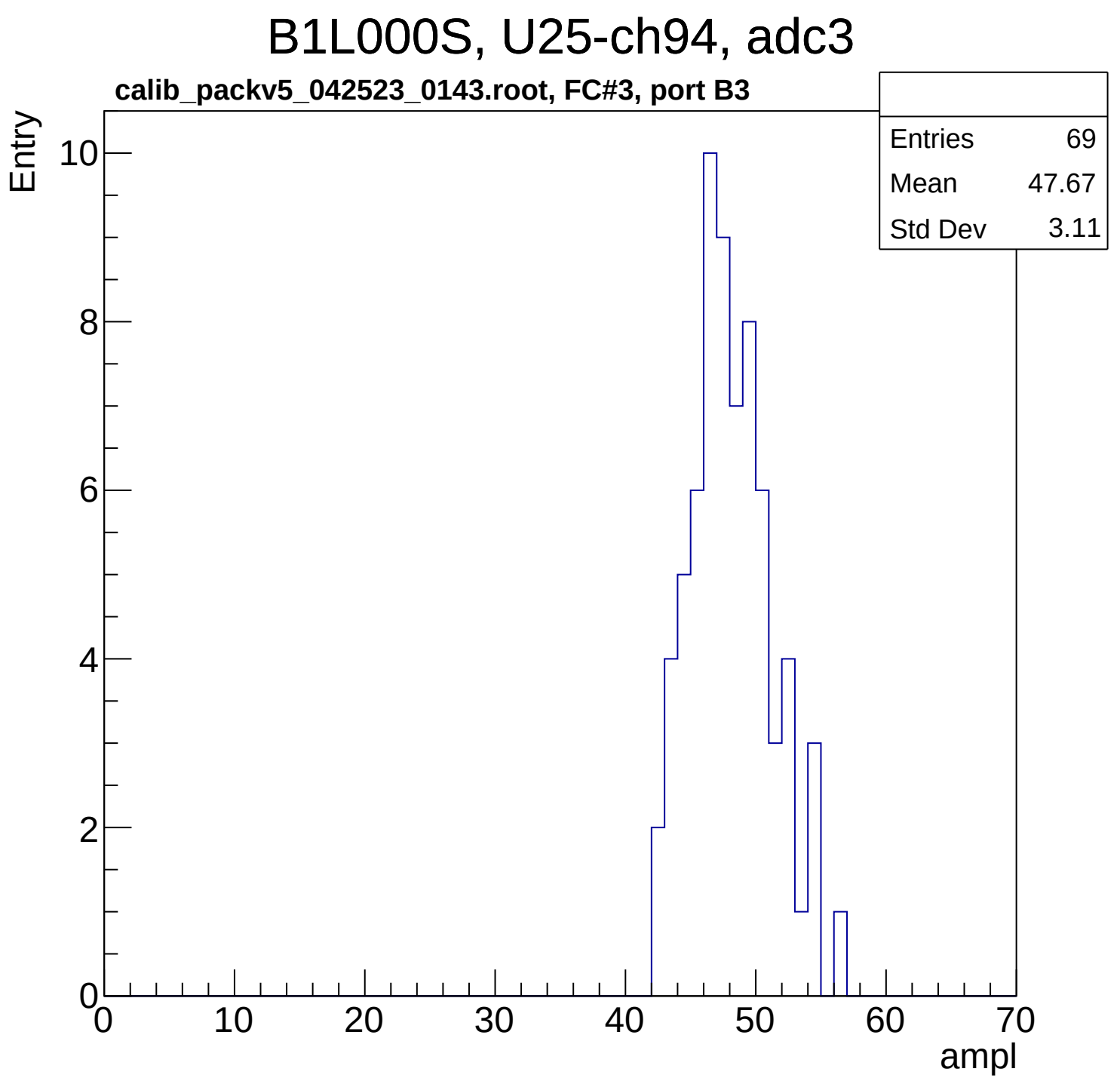
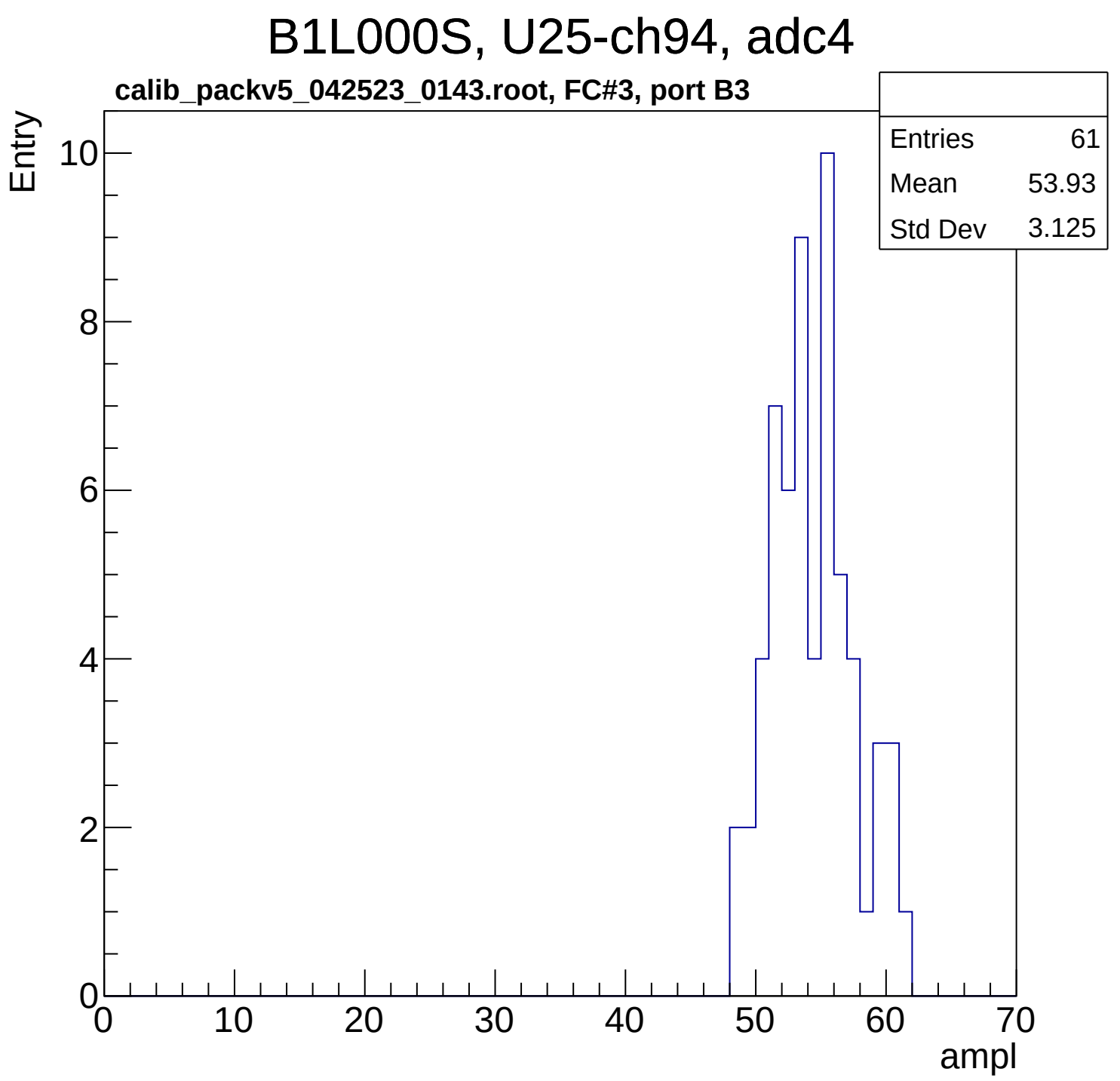
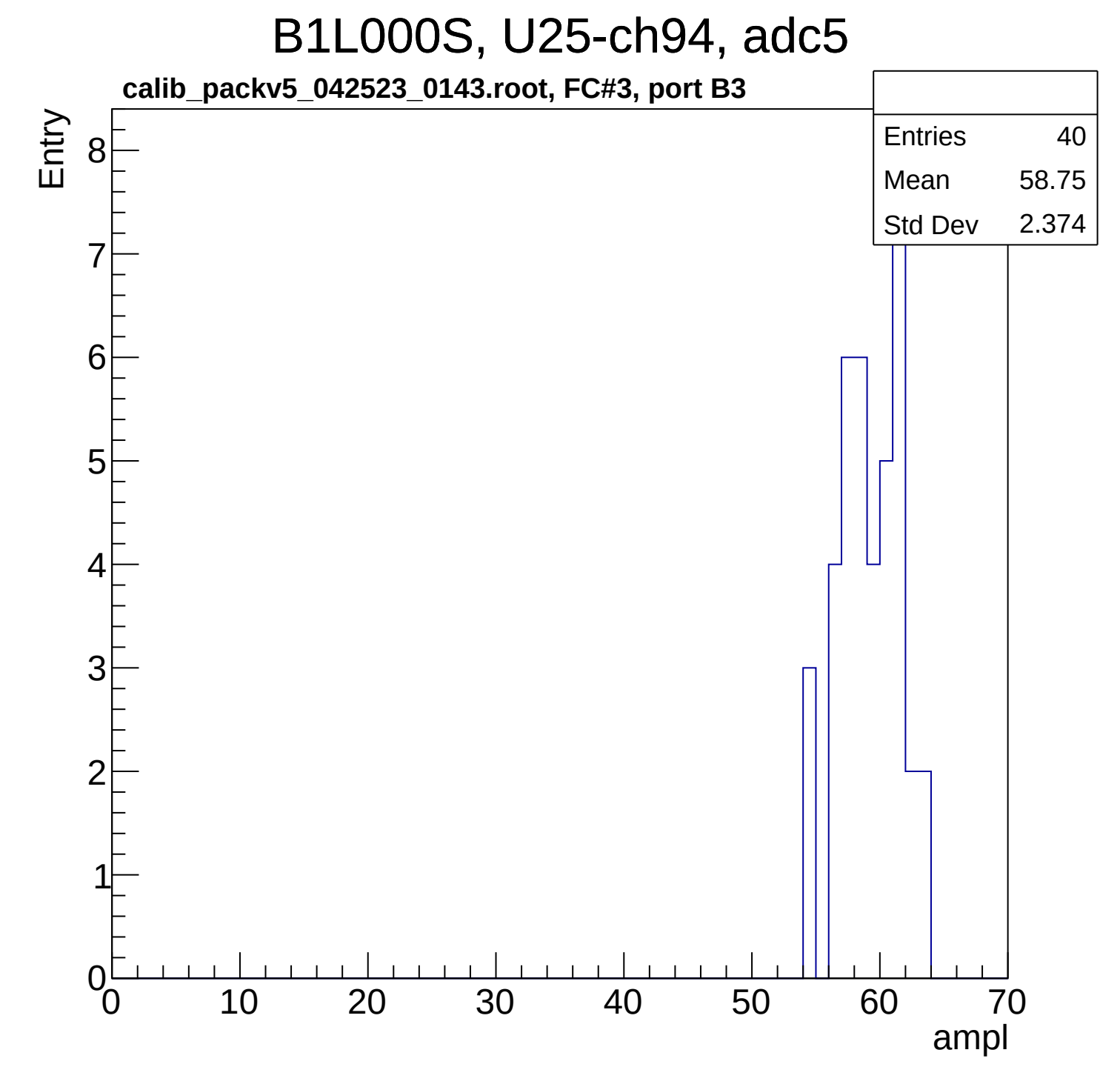

B1L000S, U25-ch94, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 40.82
Std Dev 3.129
Gaus mean : 41.8934
Gaus Width: 2.9526
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch94, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 47.67
Std Dev 3.11
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch94, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 53.93
Std Dev 3.125
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch94, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 40
Mean 58.75
Std Dev 2.374
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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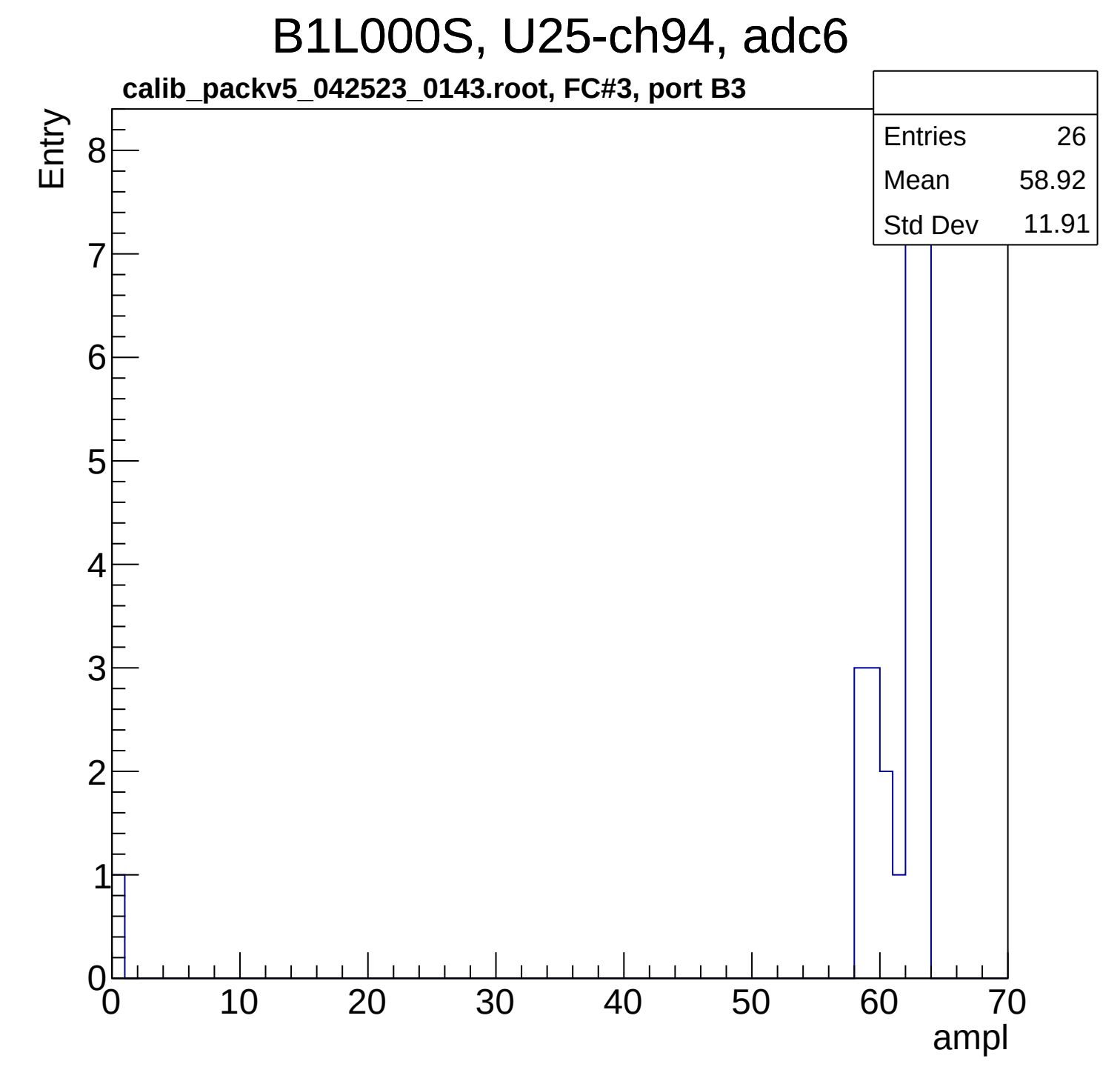
40
50
60
70


B1L000S, U25-ch94, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 26
Mean 58.92
Std Dev 11.91
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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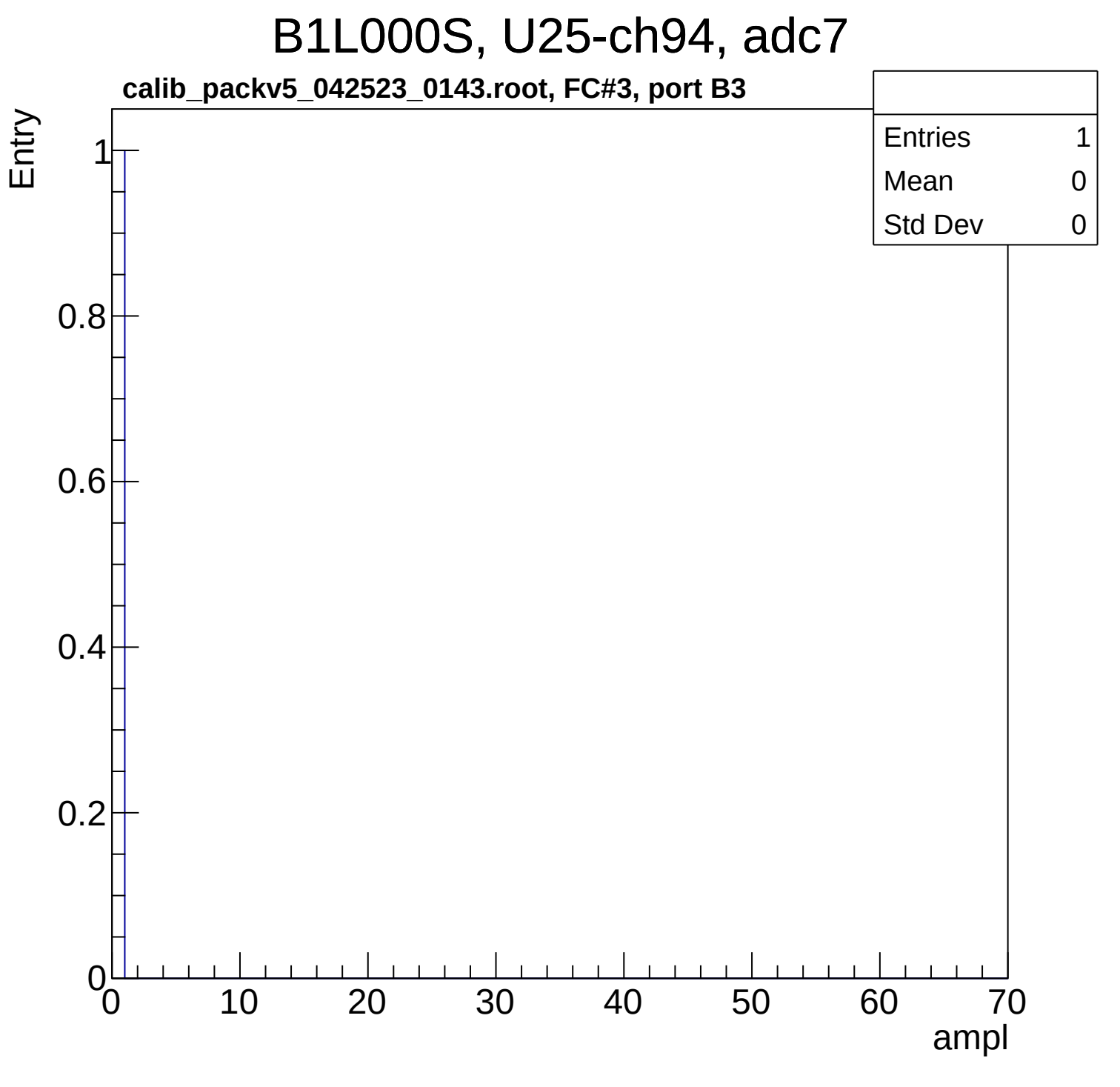
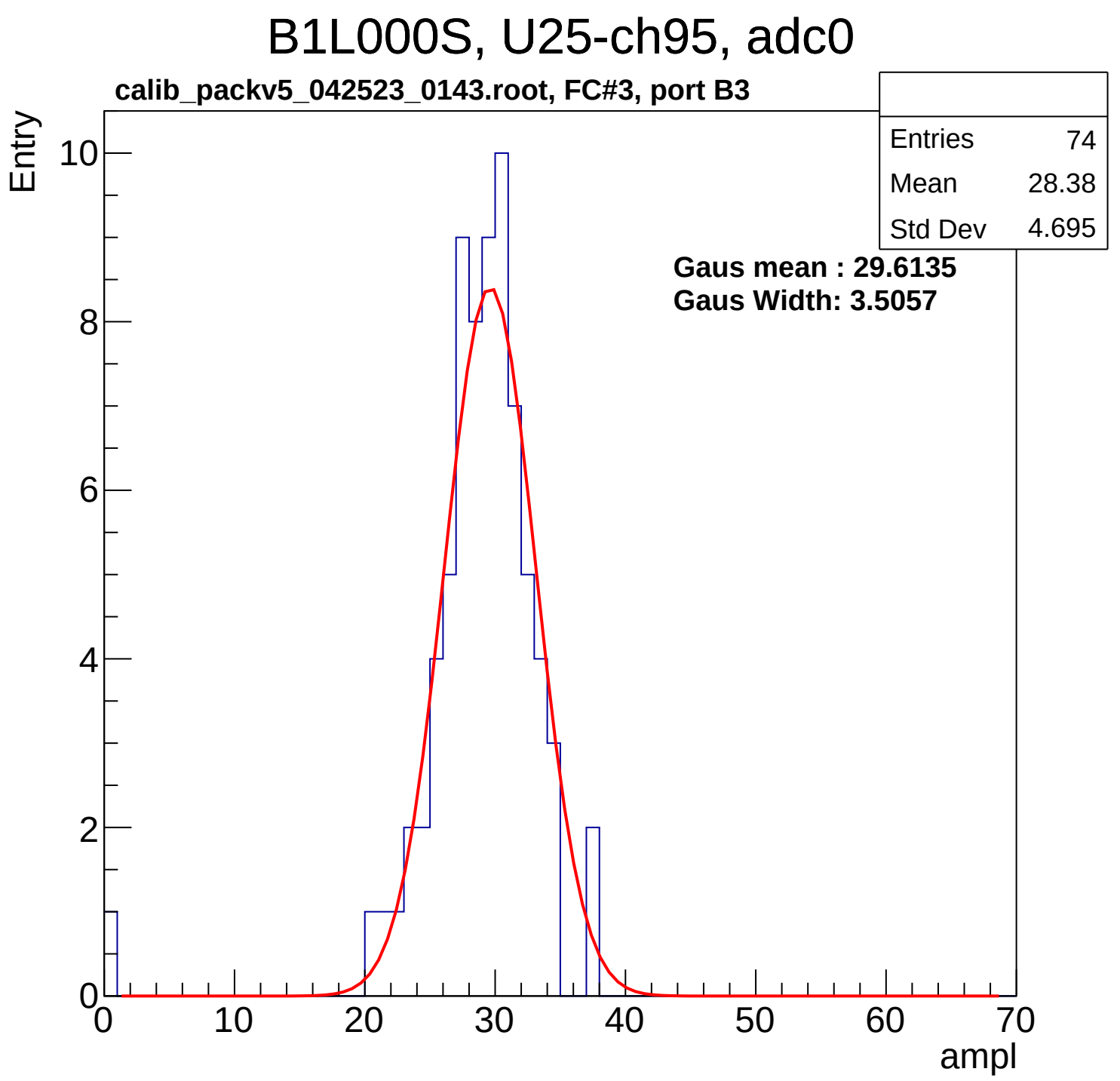
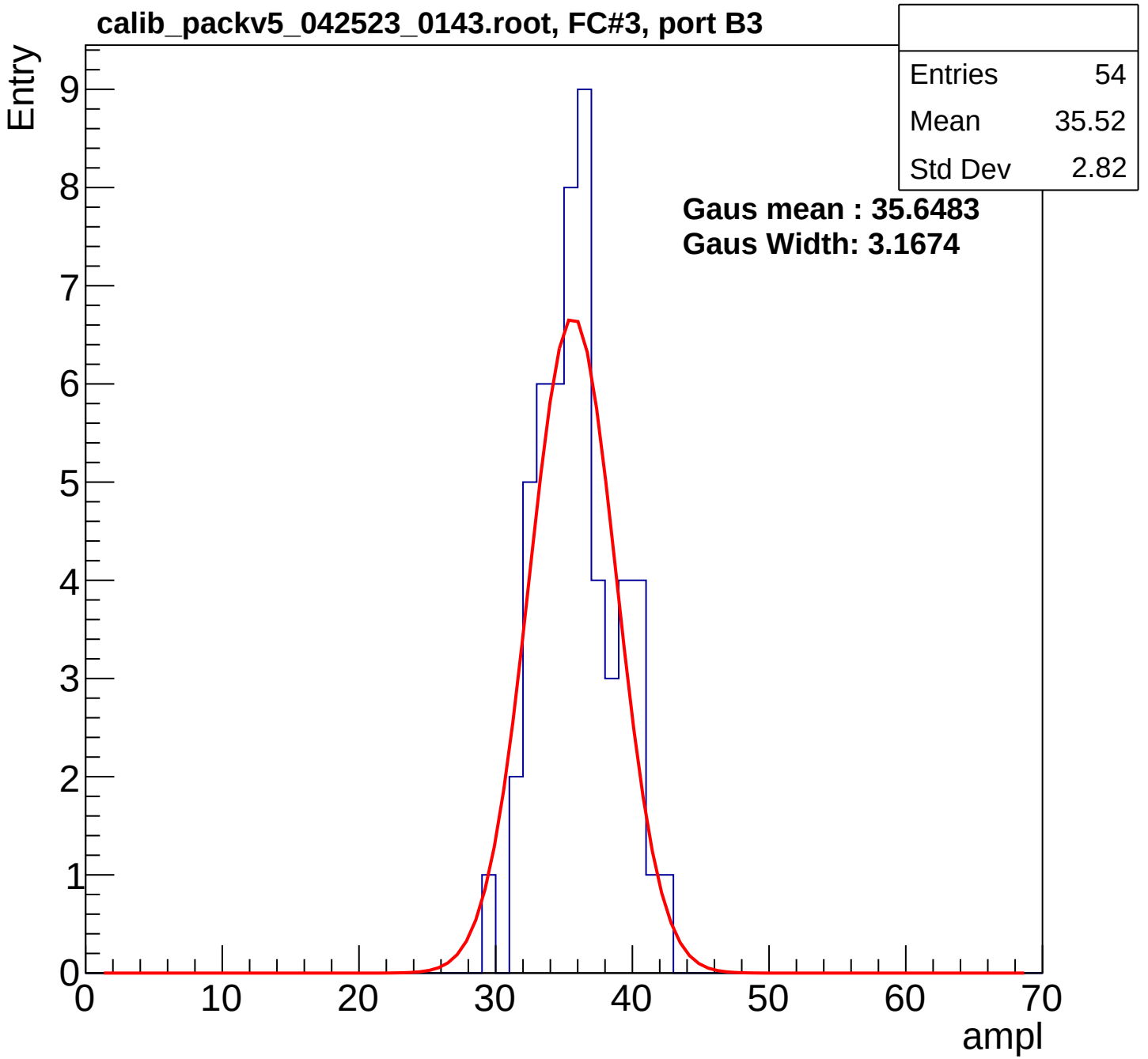
60
70


B1L000S, U25-ch94, 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, U25-ch95, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 28.38
Std Dev 4.695
Gaus mean : 29.6135
Gaus Width: 3.5057
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch95, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 35.52
Std Dev 2.82
Gaus mean : 35.6483
Gaus Width: 3.1674
Entry
ampl
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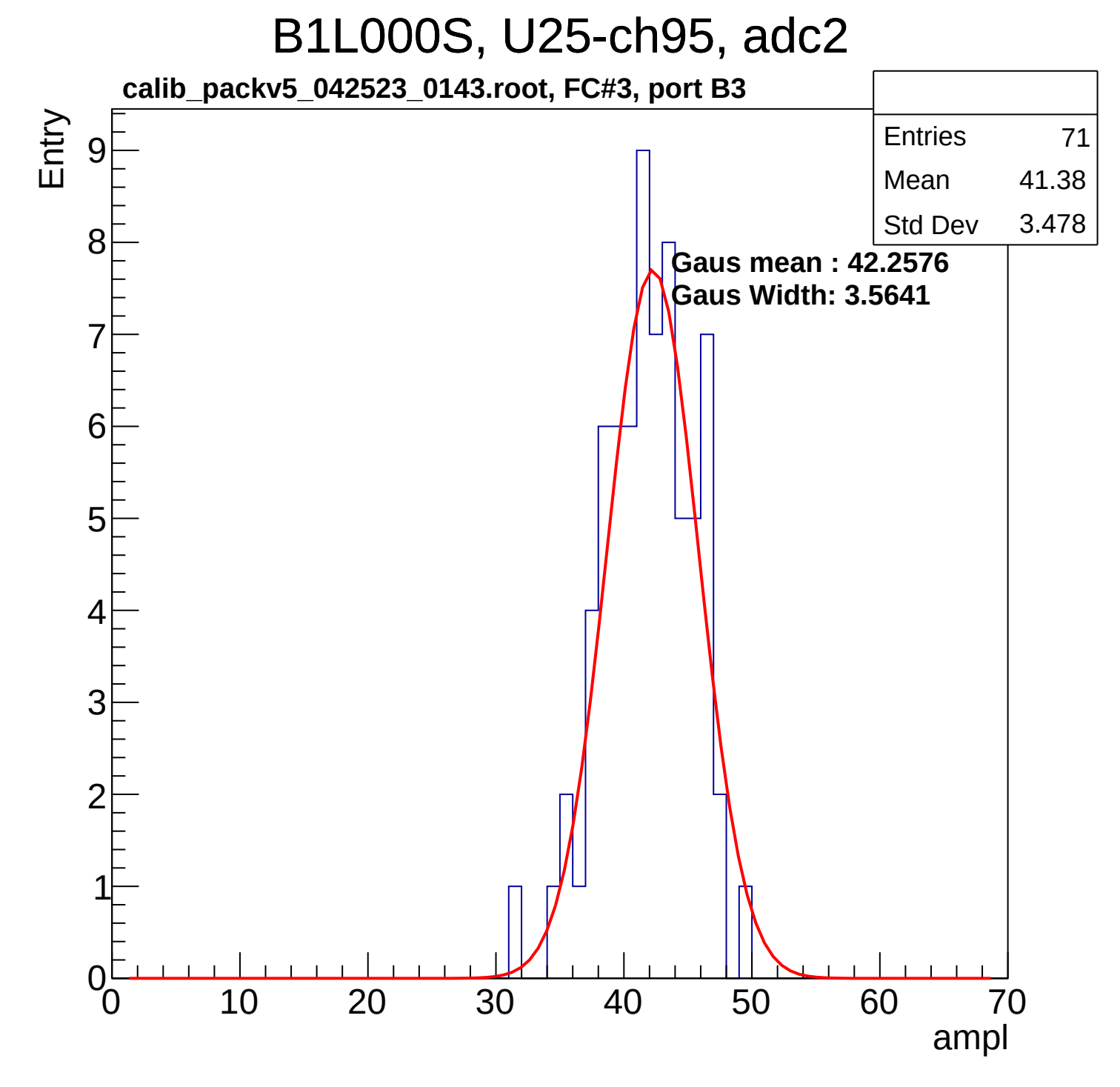
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch95, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 41.38
Std Dev 3.478
Gaus mean : 42.2576
Gaus Width: 3.5641
Entry
ampl
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2
3
4
5
6
7
8
9
0
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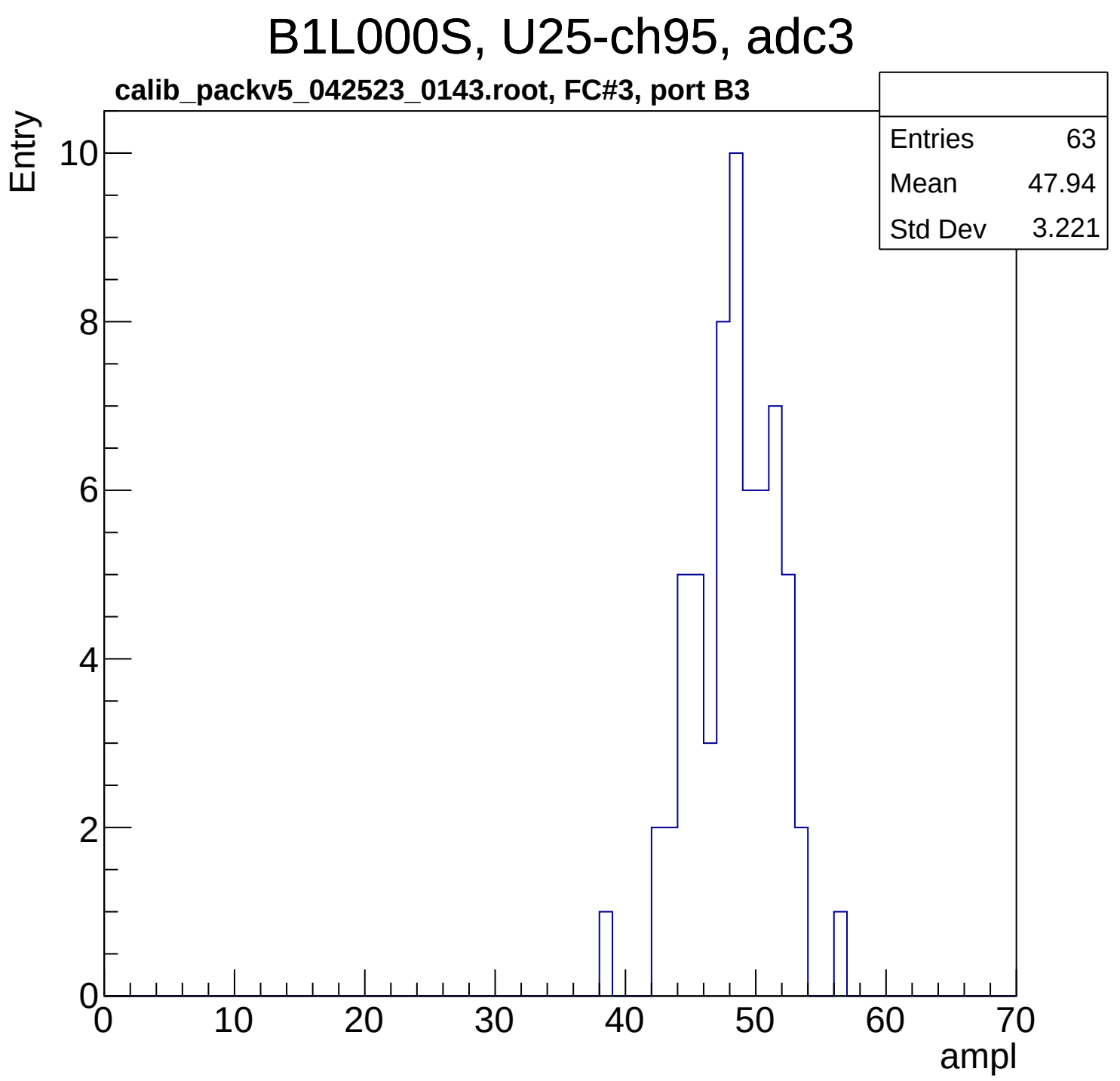
20
30
40
50
60
70


B1L000S, U25-ch95, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 47.94
Std Dev 3.221
Entry
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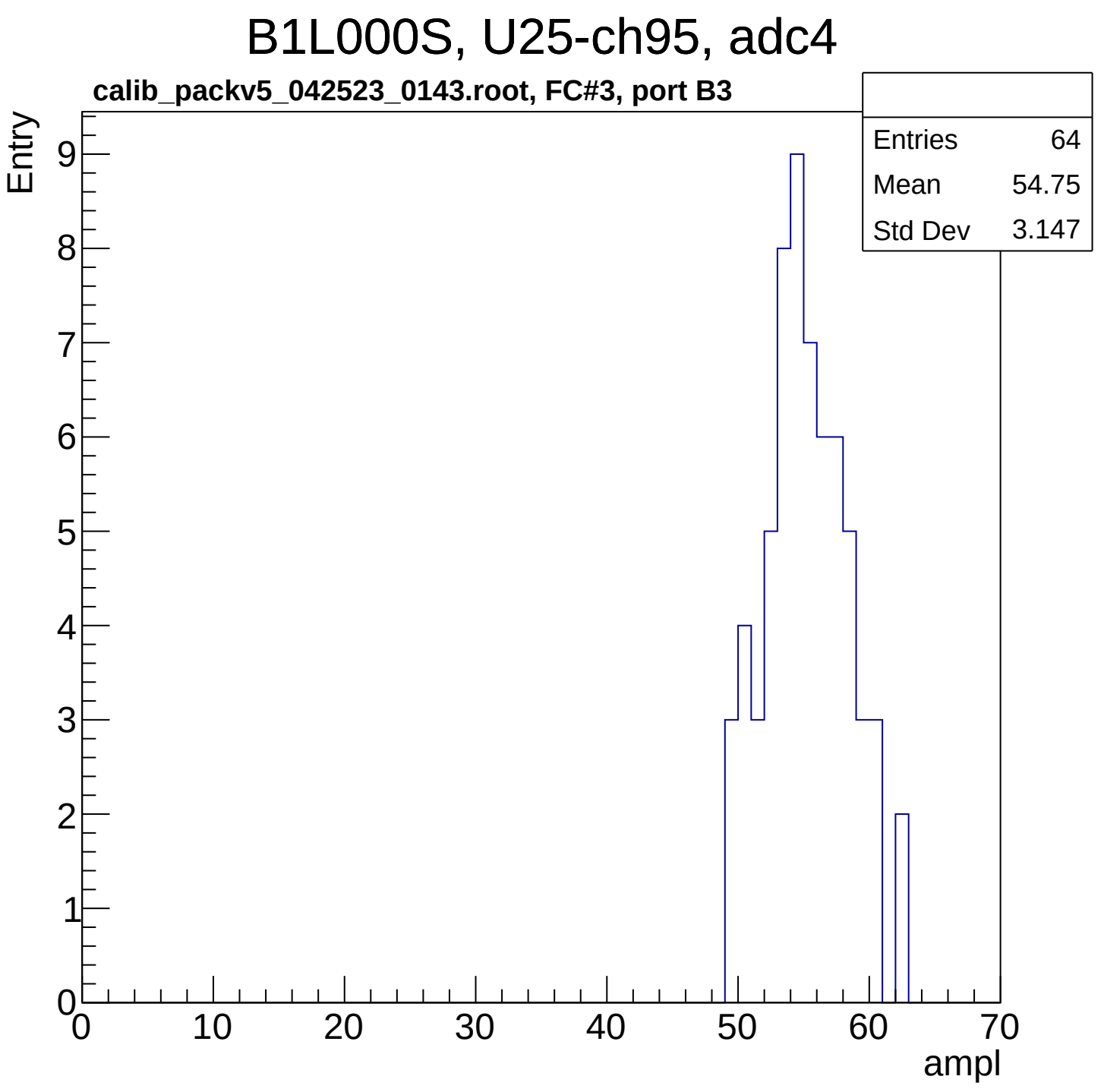
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch95, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 54.75
Std Dev 3.147
Entry
ampl
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3
4
5
6
7
8
9
0
10
20
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40
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60
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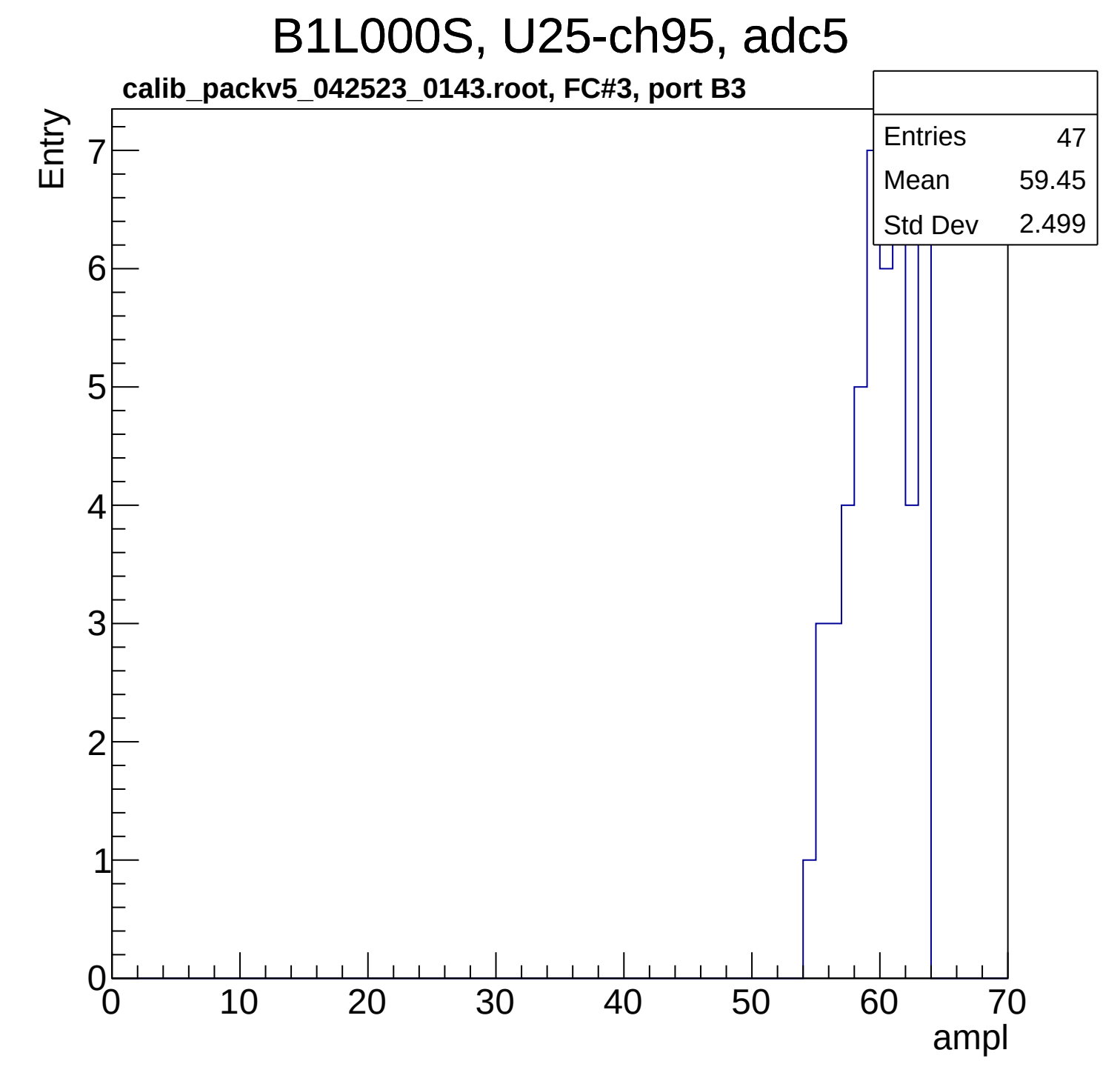
B1L000S, U25-ch95, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 59.45
Std Dev 2.499
Entry
ampl
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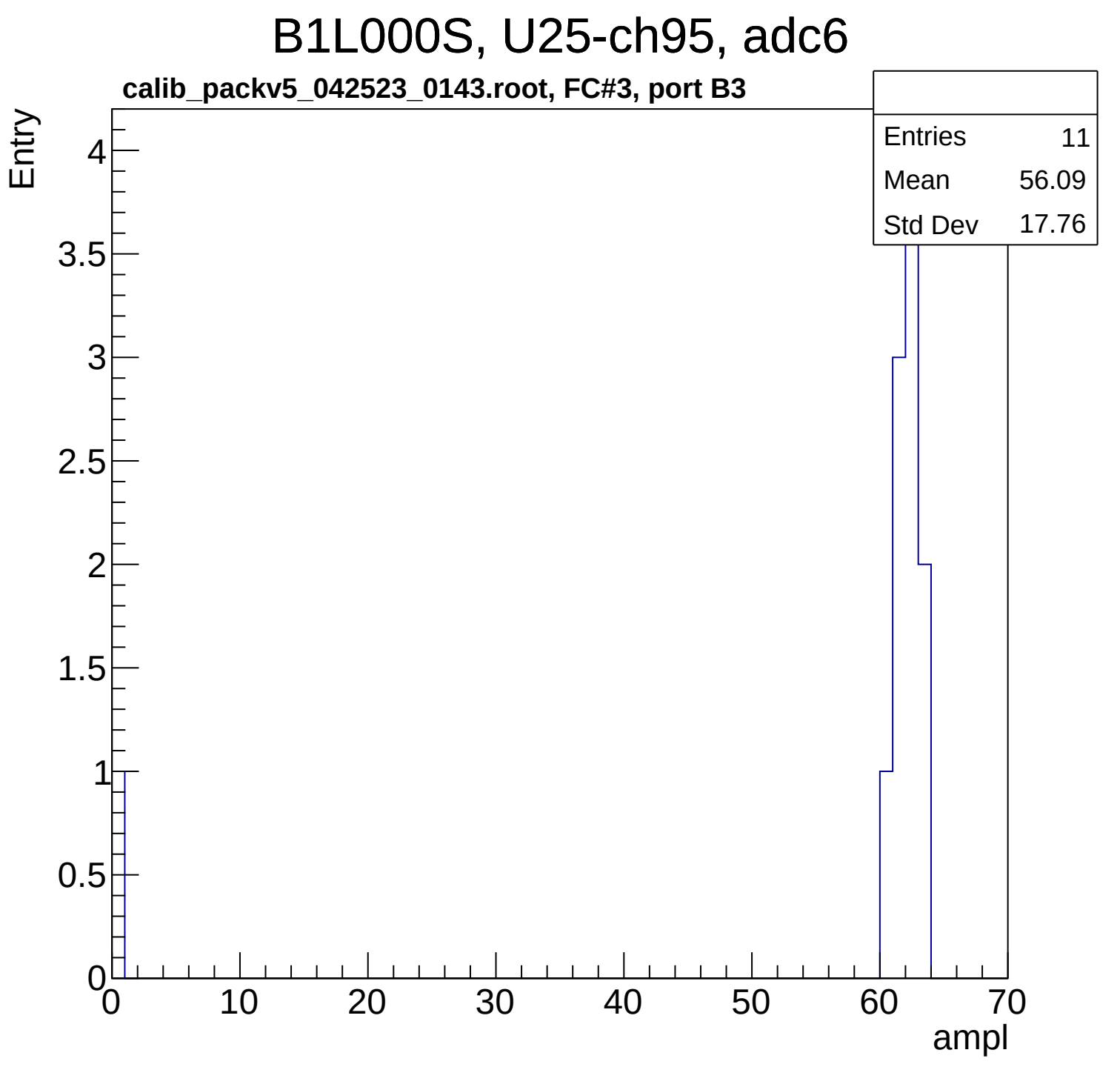
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U25-ch95, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 56.09
Std Dev 17.76
Entry
ampl
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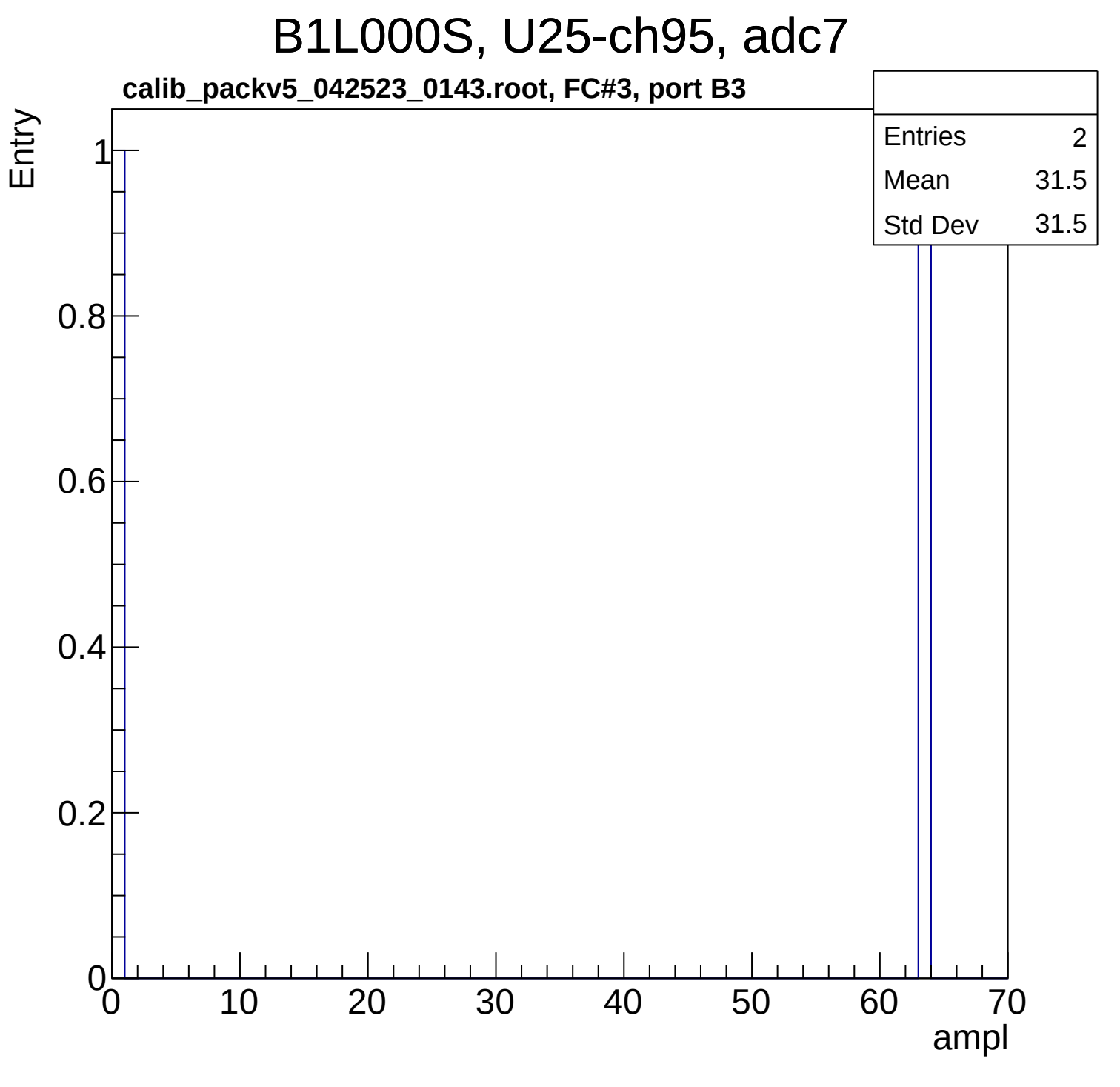
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U25-ch95, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 31.5
Std Dev 31.5
Entry
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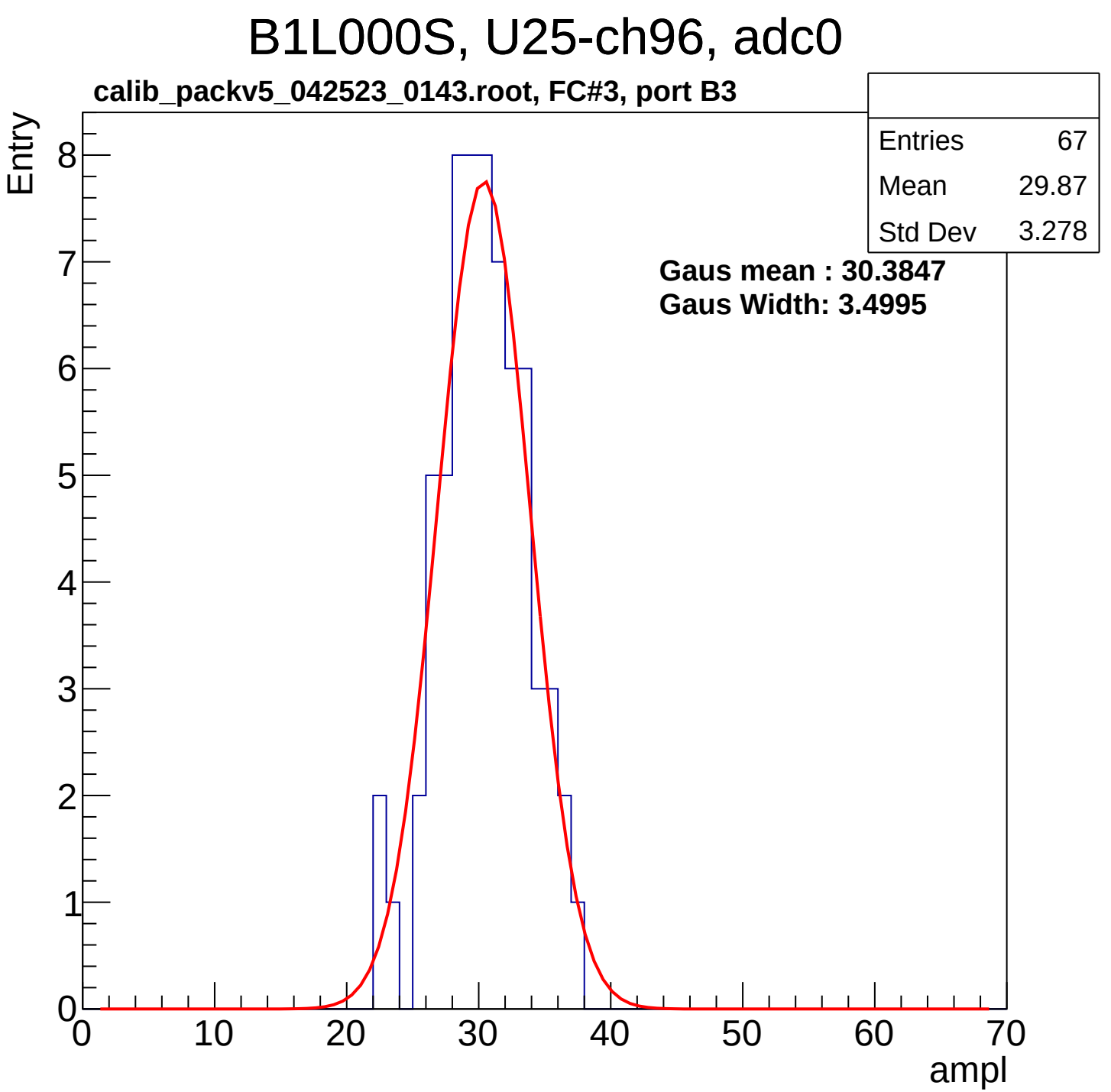
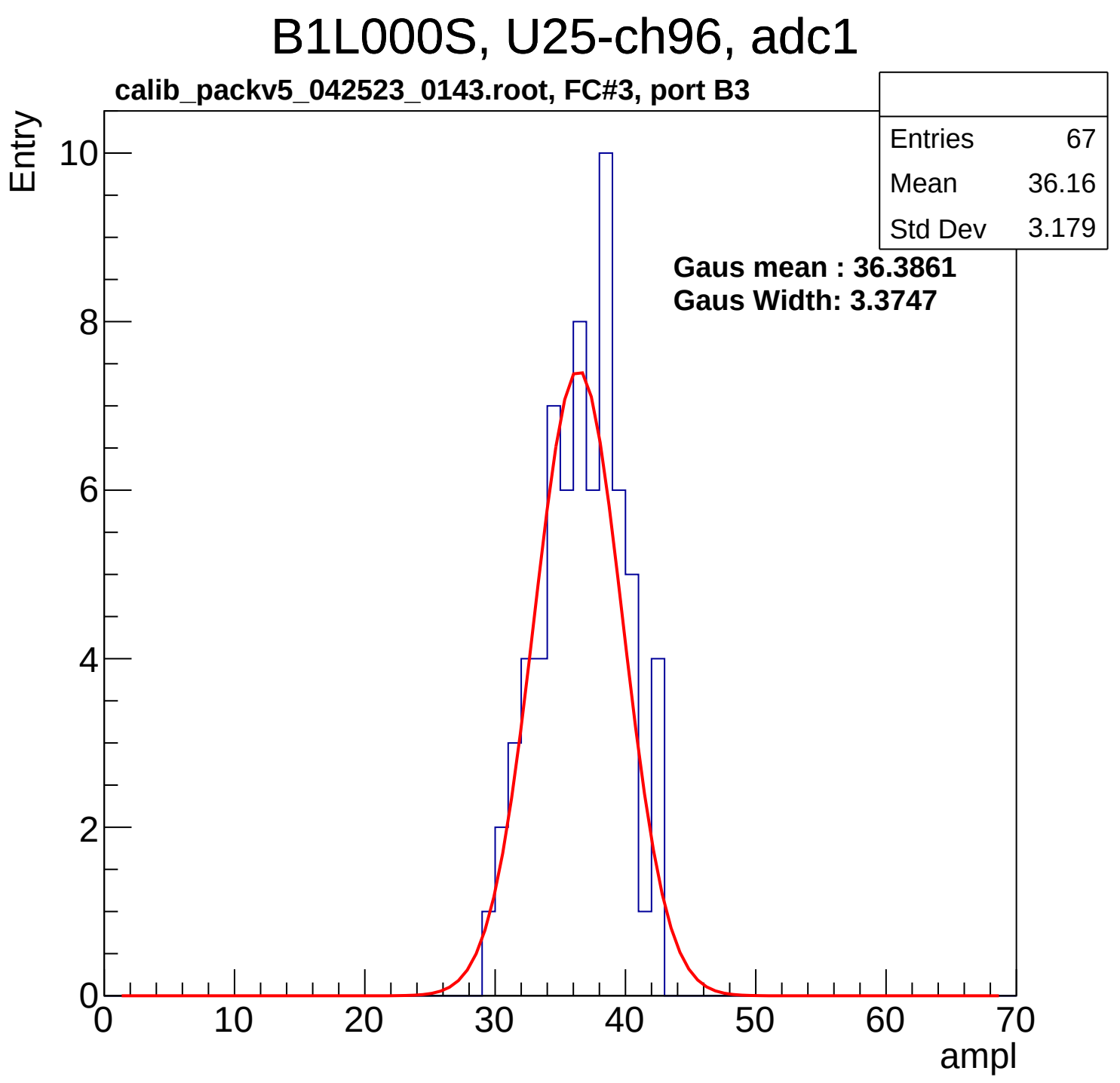
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch96, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 29.87
Std Dev 3.278
Gaus mean : 30.3847
Gaus Width: 3.4995
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch96, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 36.16
Std Dev 3.179
Gaus mean : 36.3861
Gaus Width: 3.3747
Entry
ampl
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2
4
6
8
10
0
10
20
30
40
50
60
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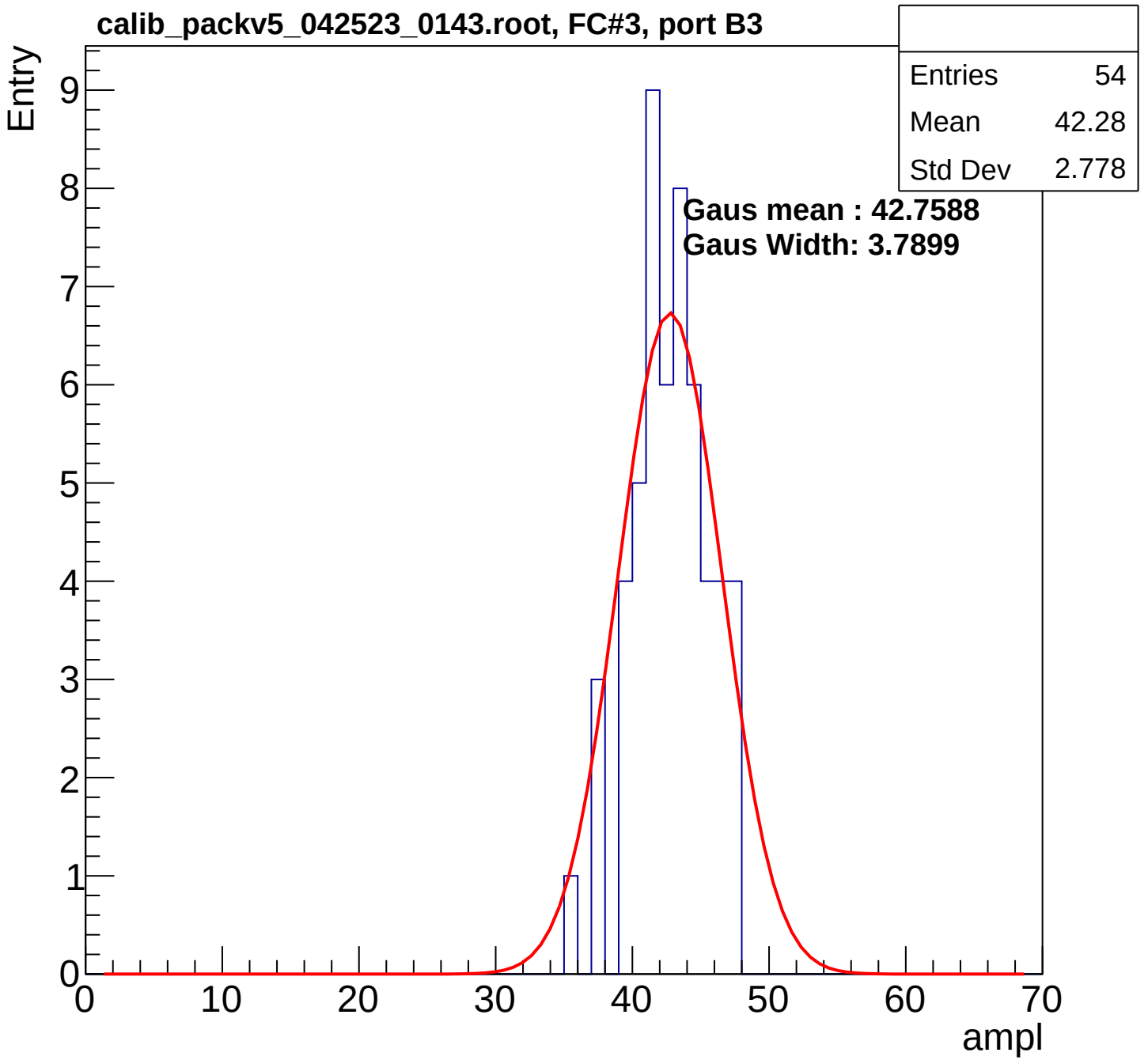
B1L000S, U25-ch96, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 42.28
Std Dev 2.778
Gaus mean : 42.7588
Gaus Width: 3.7899
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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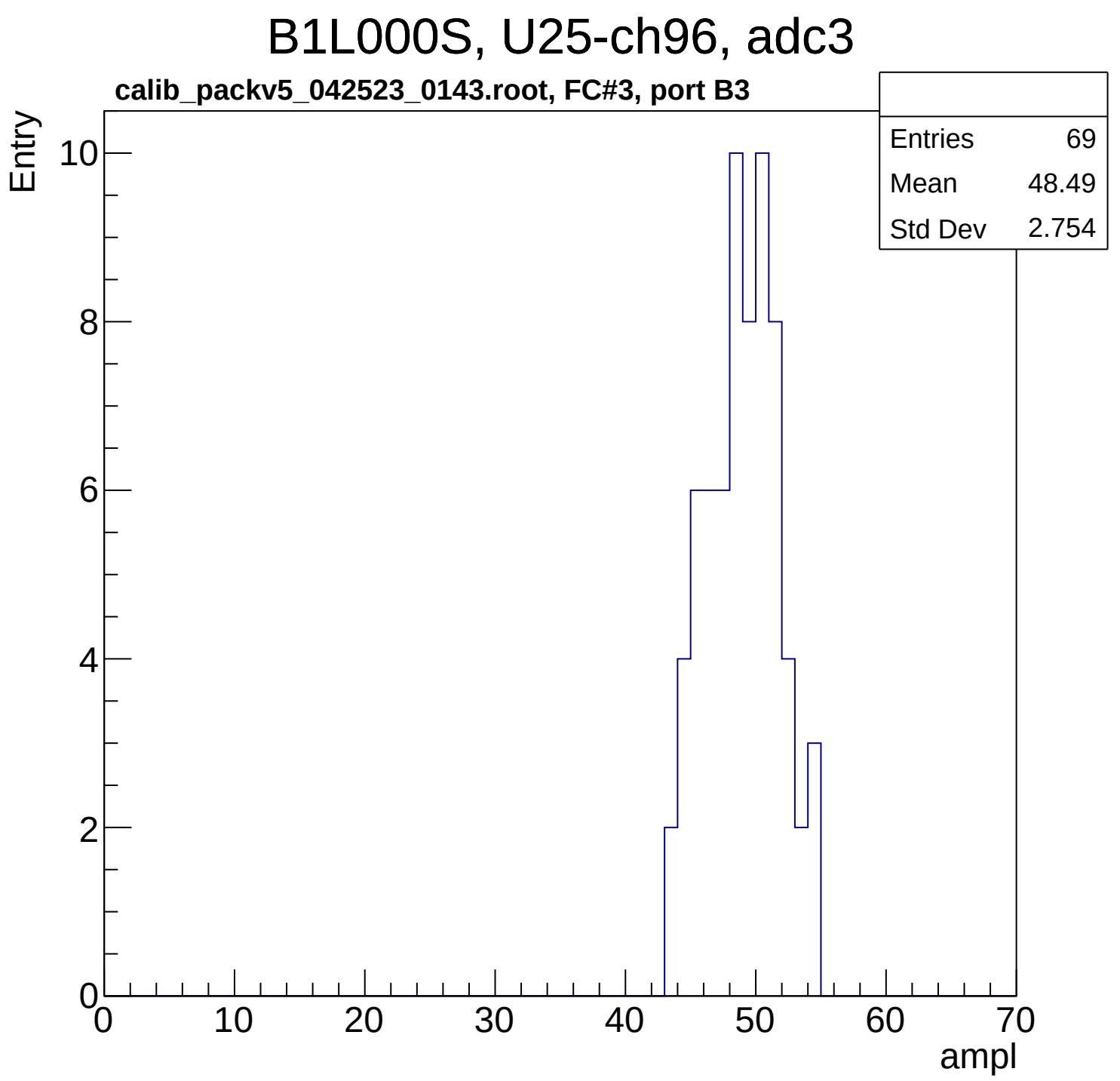
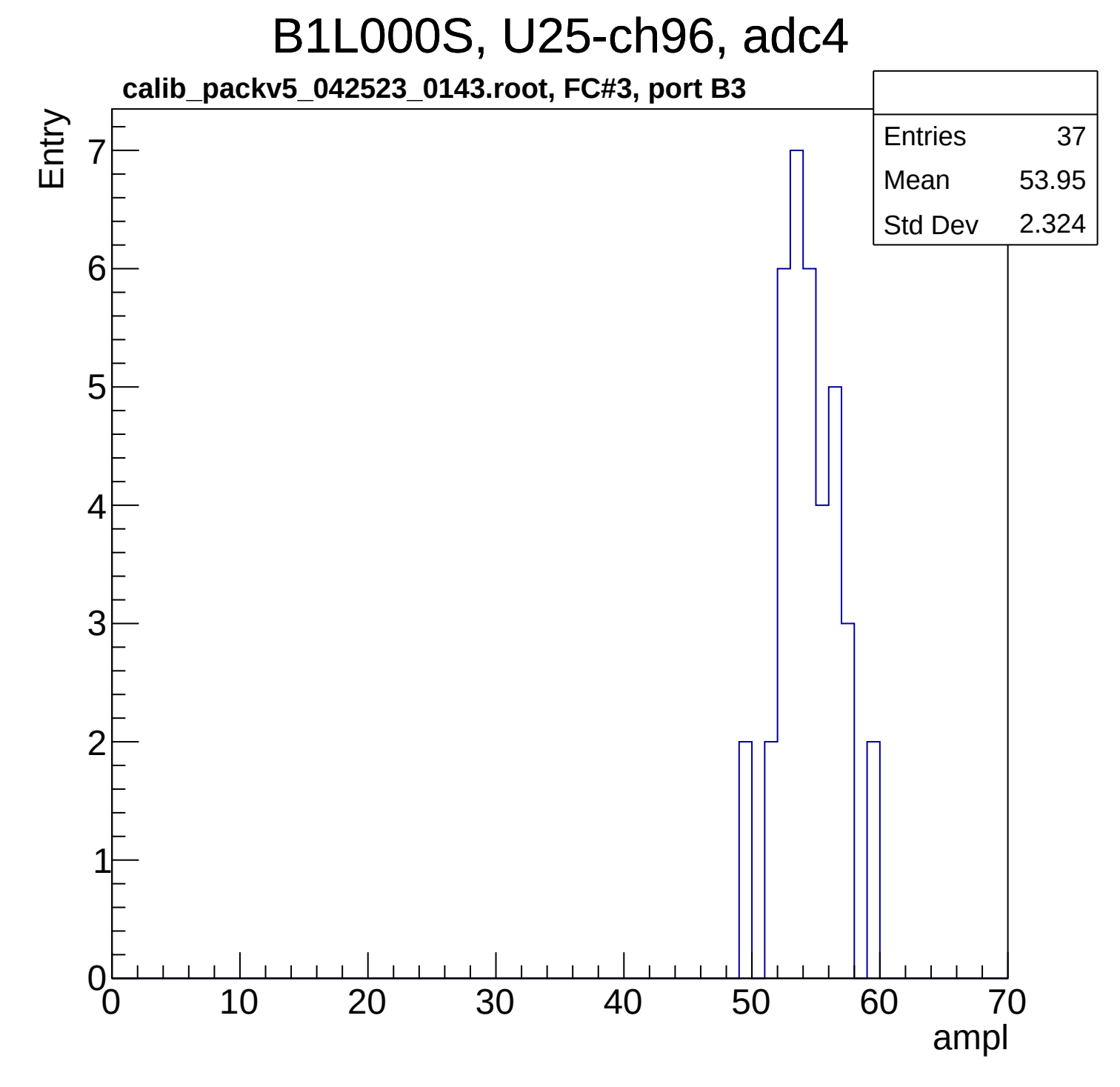

B1L000S, U25-ch96, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 48.49
Std Dev 2.754
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch96, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 37
Mean 53.95
Std Dev 2.324
Entry
ampl
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1
2
3
4
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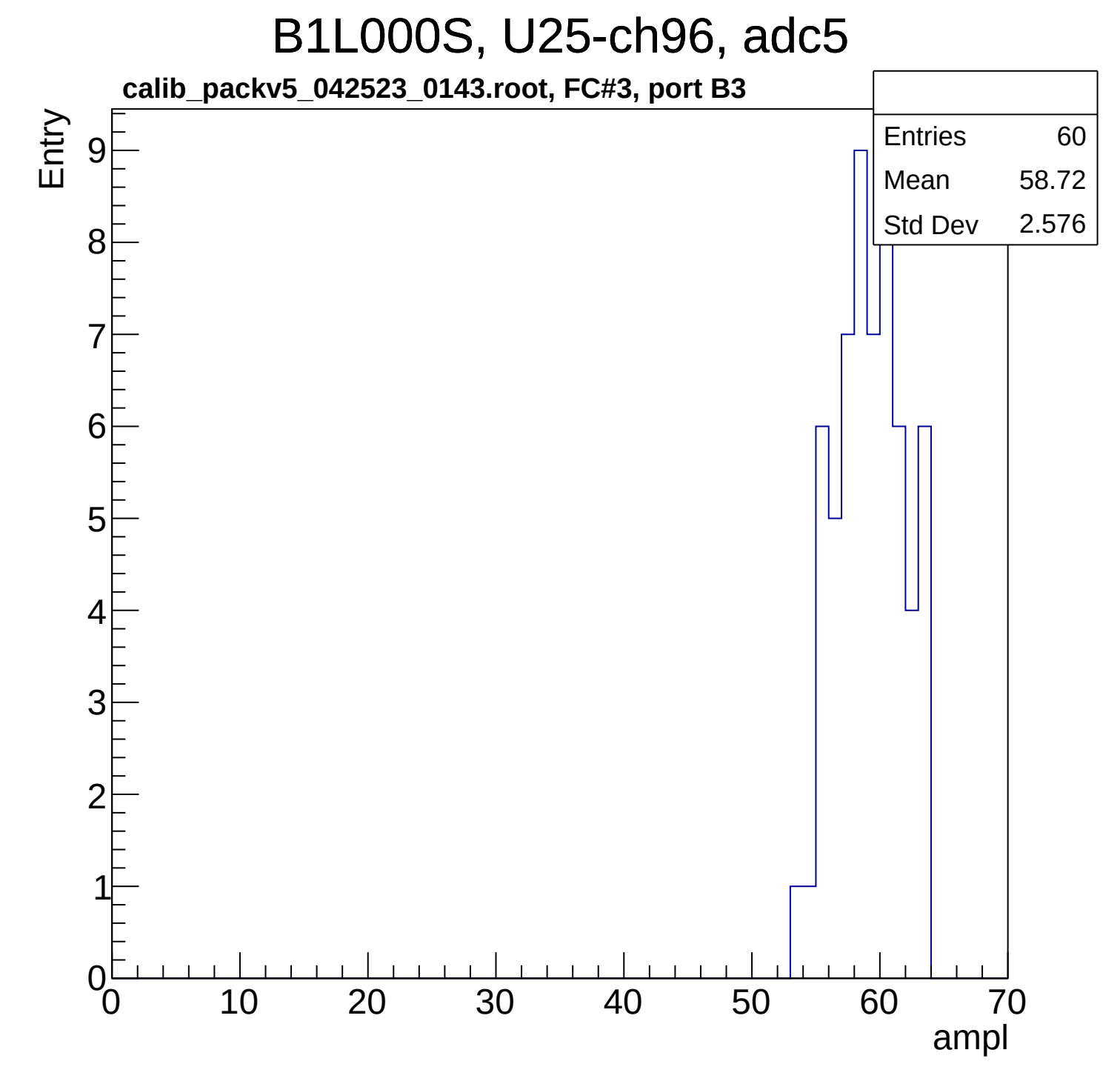
B1L000S, U25-ch96, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 58.72
Std Dev 2.576
Entry
ampl
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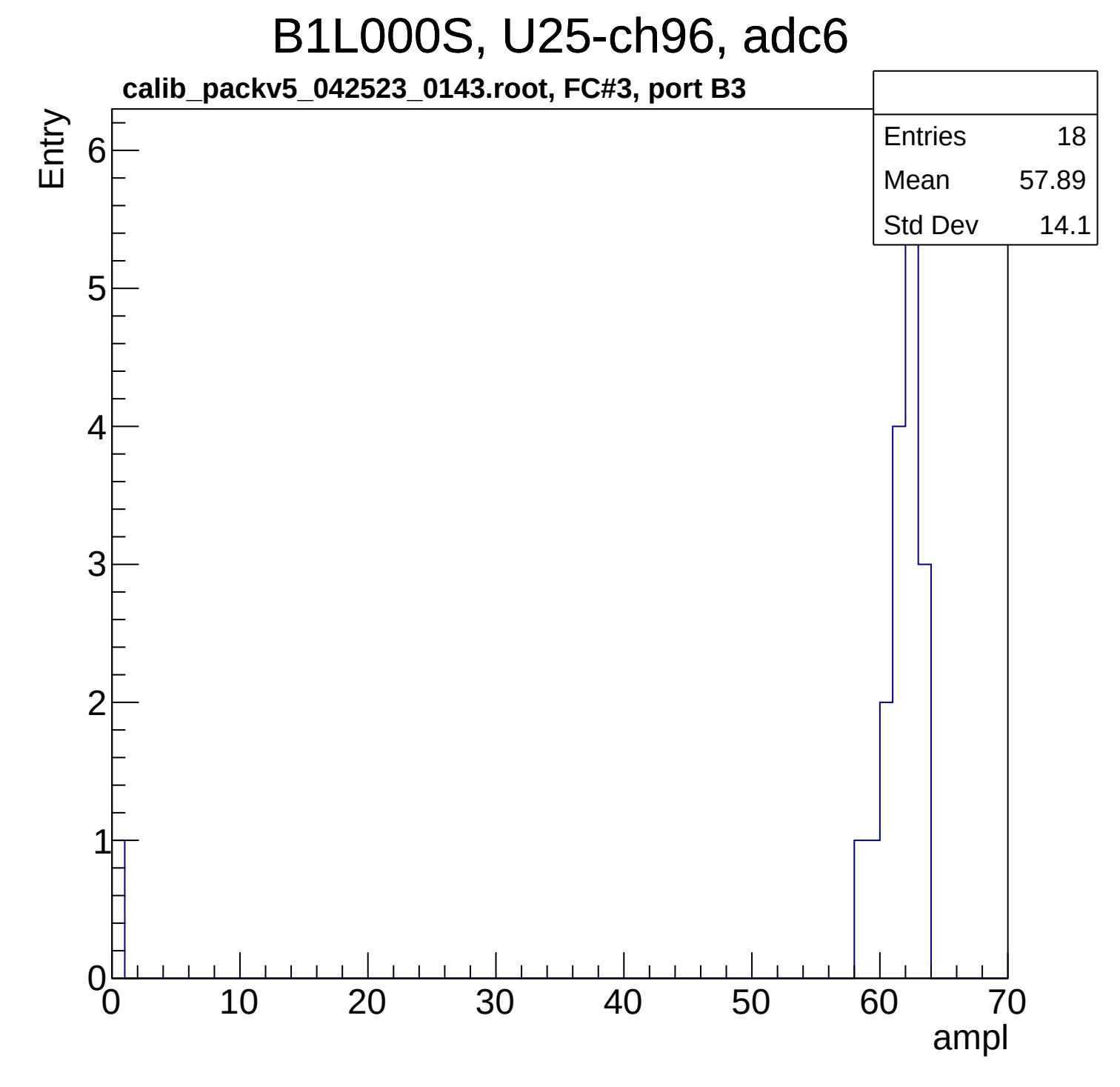
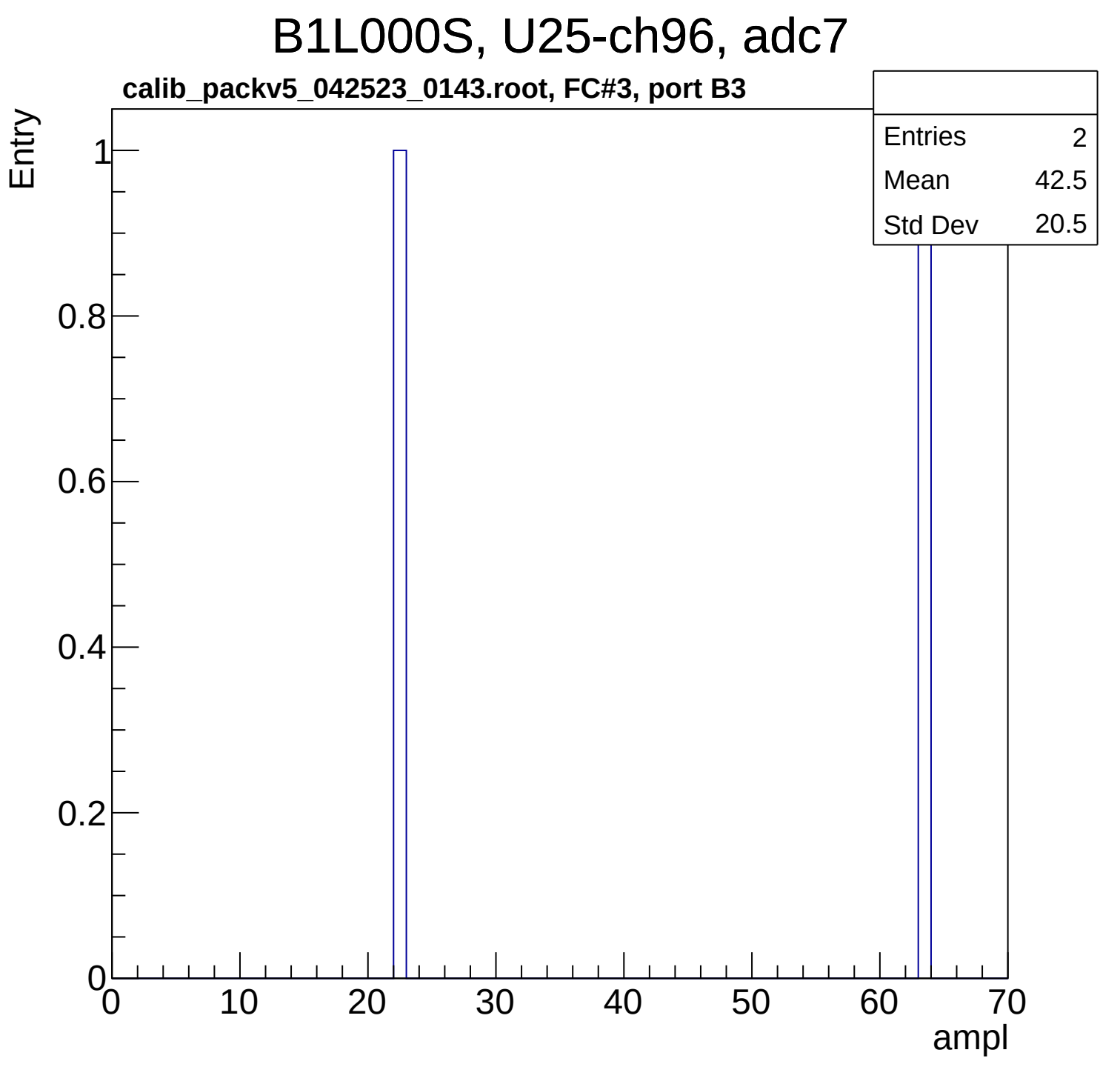

B1L000S, U25-ch96, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 18
Mean 57.89
Std Dev 14.1
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch96, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 42.5
Std Dev 20.5
Entry
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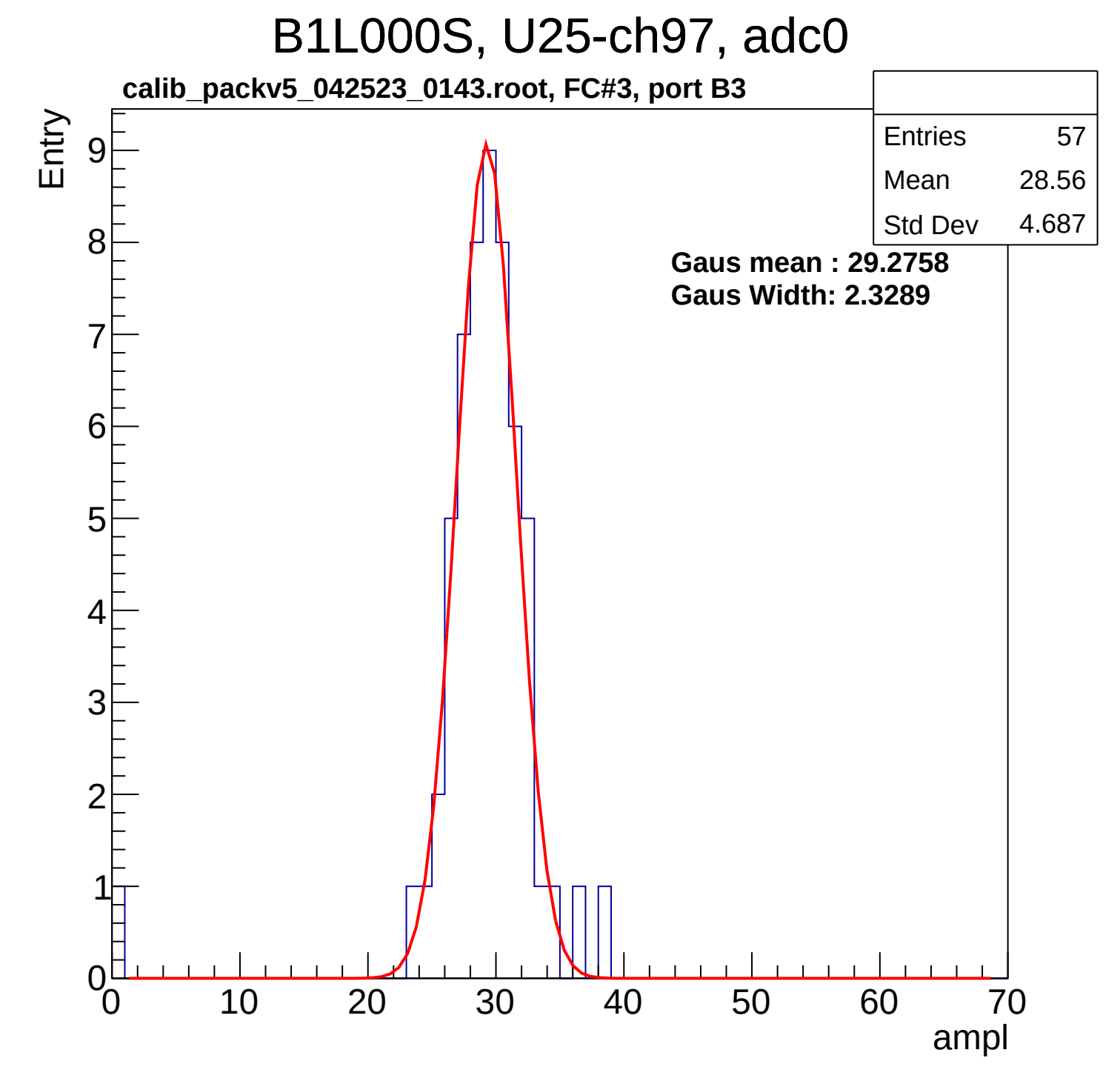
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch97, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 28.56
Std Dev 4.687
Gaus mean : 29.2758
Gaus Width: 2.3289
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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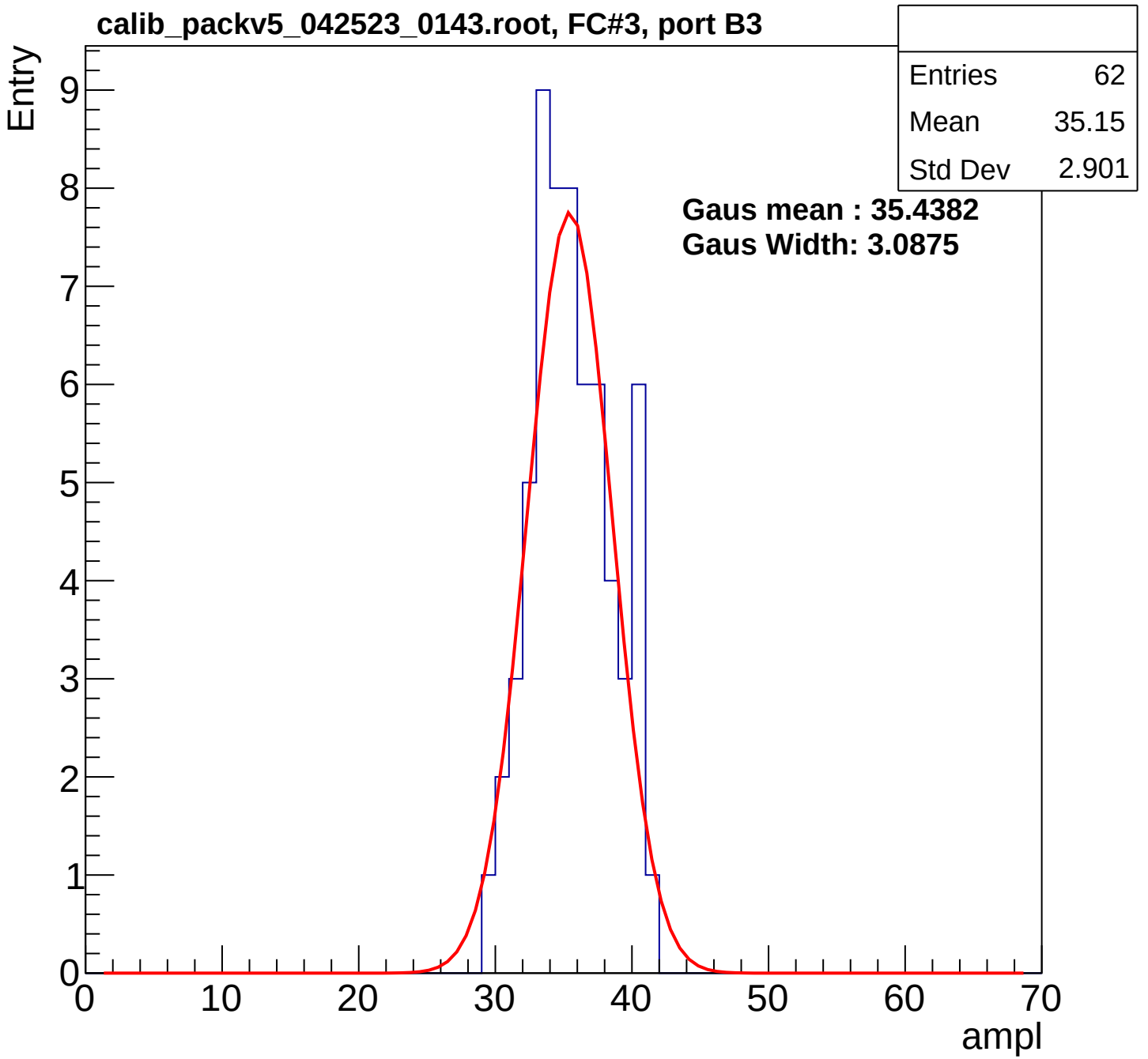
B1L000S, U25-ch97, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 35.15
Std Dev 2.901
Gaus mean : 35.4382
Gaus Width: 3.0875
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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40
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60
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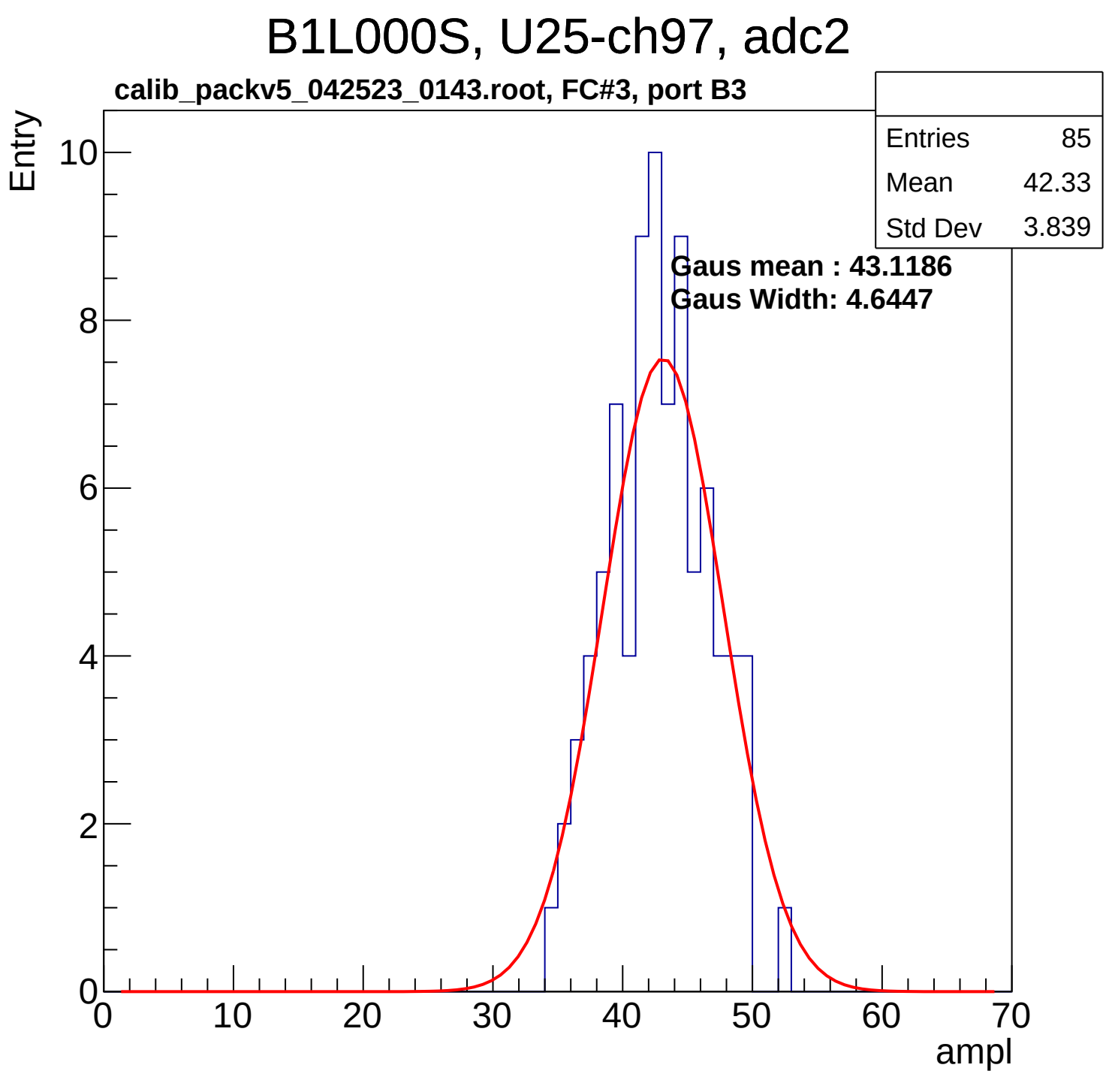
B1L000S, U25-ch97, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 85
Mean 42.33
Std Dev 3.839
Gaus mean : 43.1186
Gaus Width: 4.6447
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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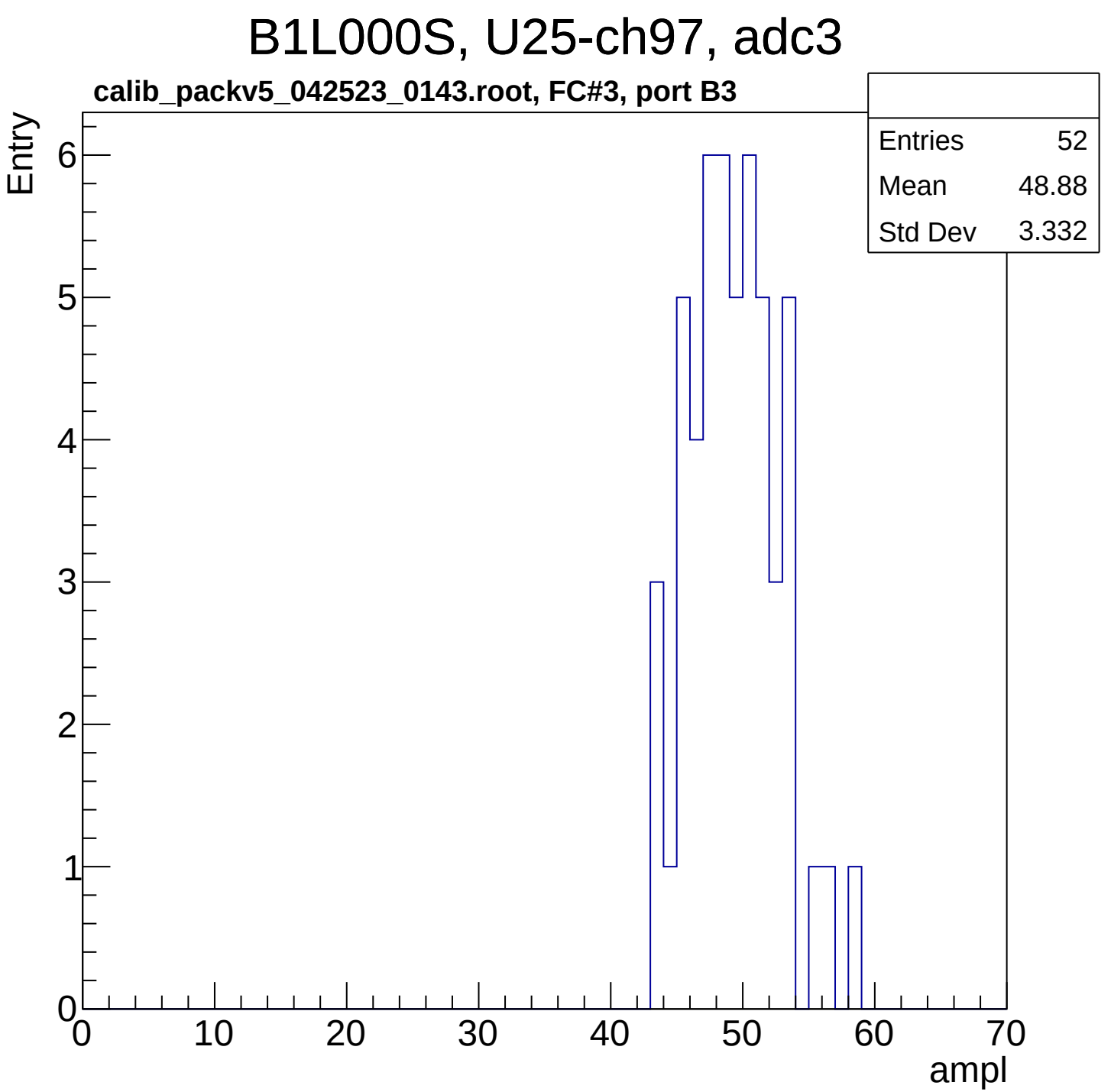
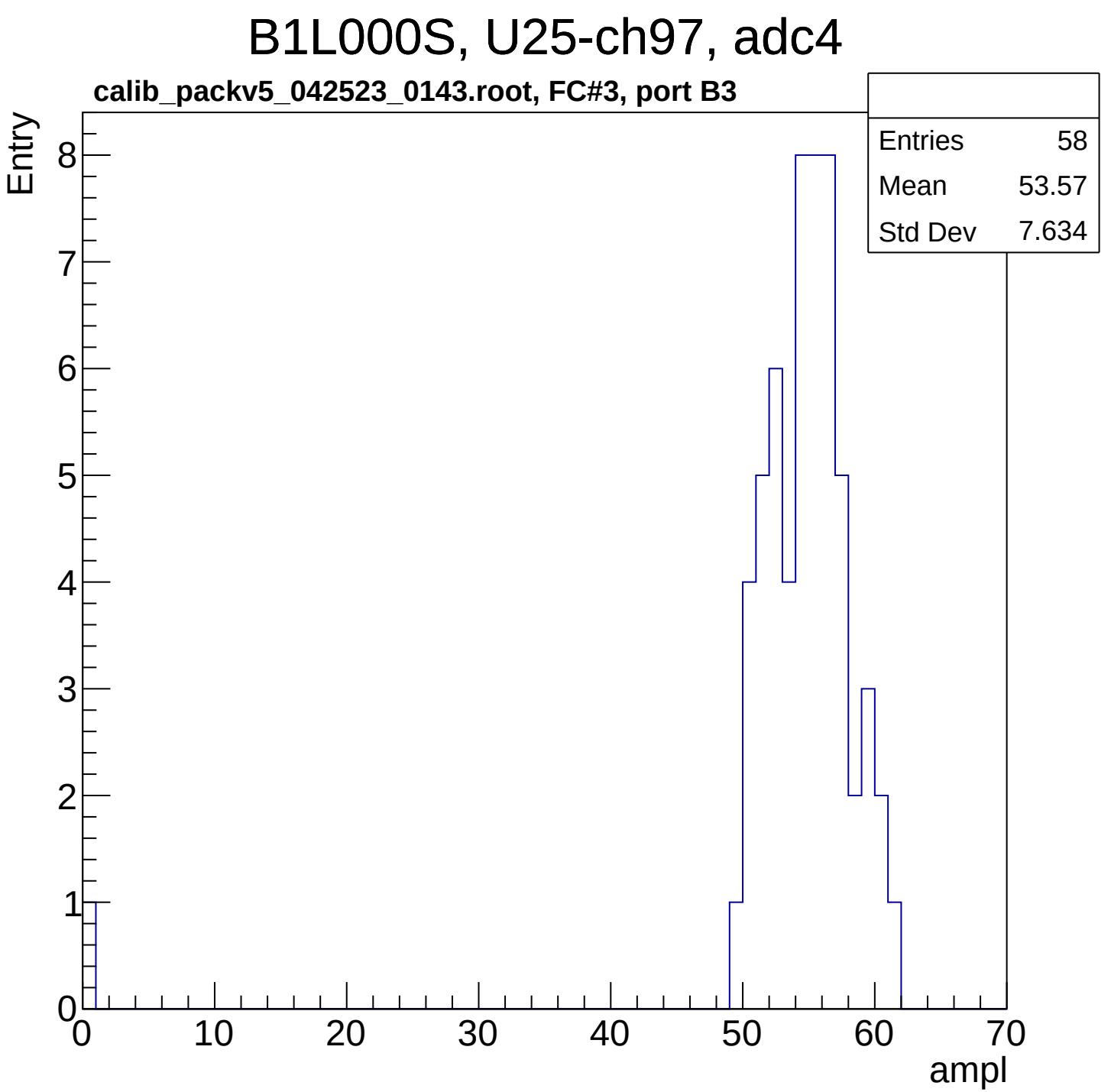
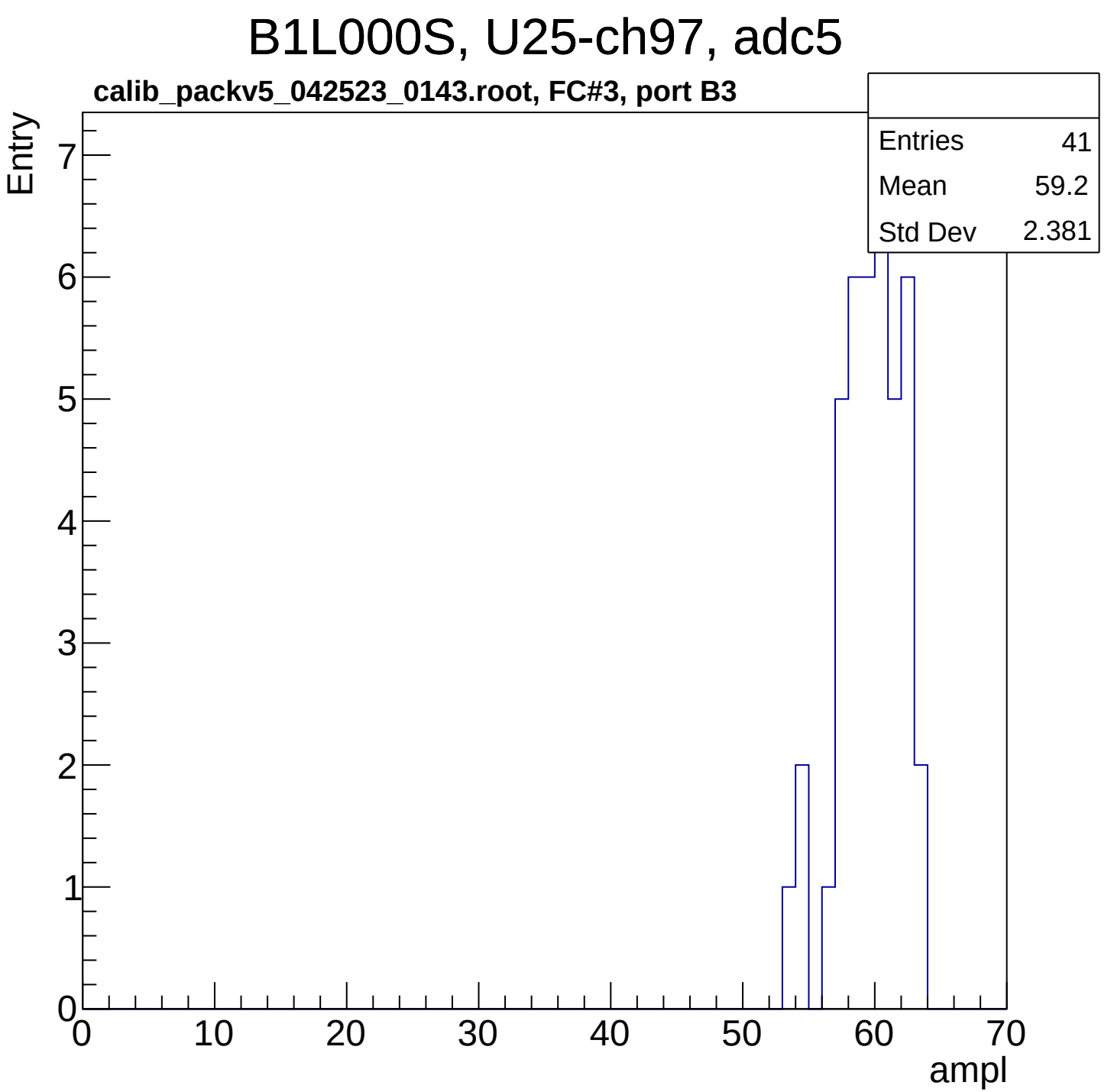

B1L000S, U25-ch97, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 48.88
Std Dev 3.332
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch97, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 53.57
Std Dev 7.634
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch97, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 41
Mean 59.2
Std Dev 2.381
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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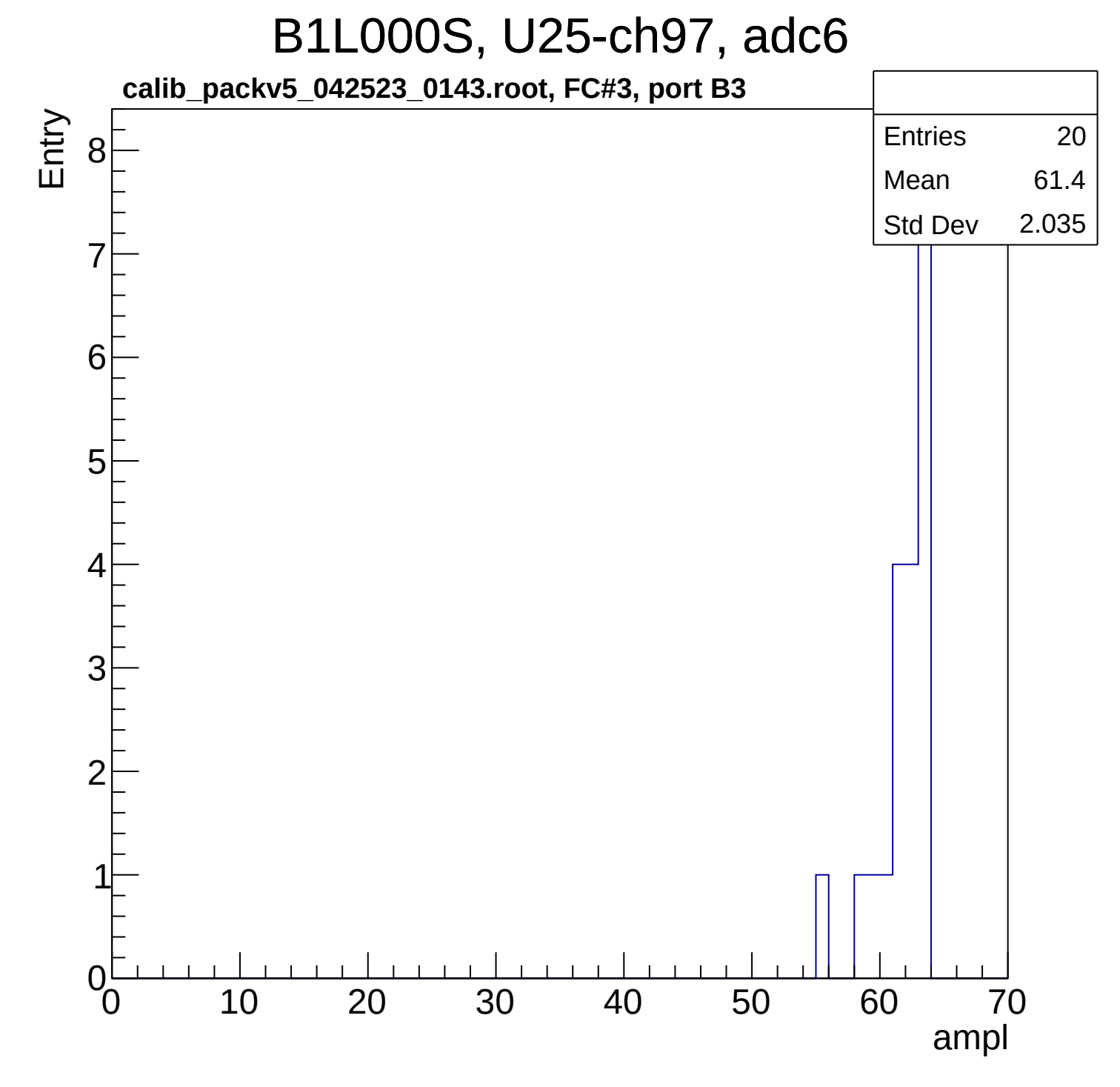
B1L000S, U25-ch97, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 20
Mean 61.4
Std Dev 2.035
Entry
ampl
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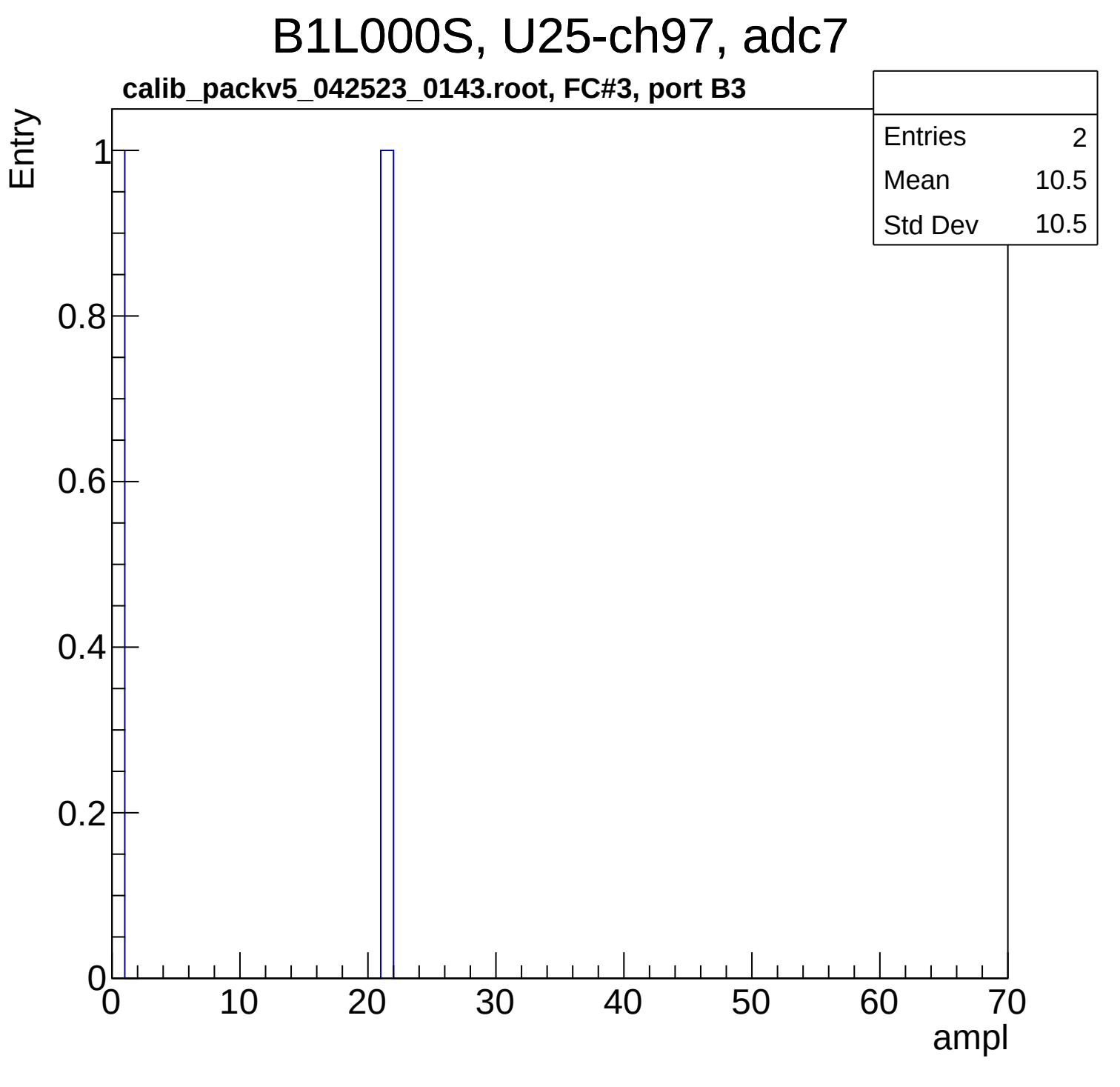
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch97, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 10.5
Std Dev 10.5
Entry
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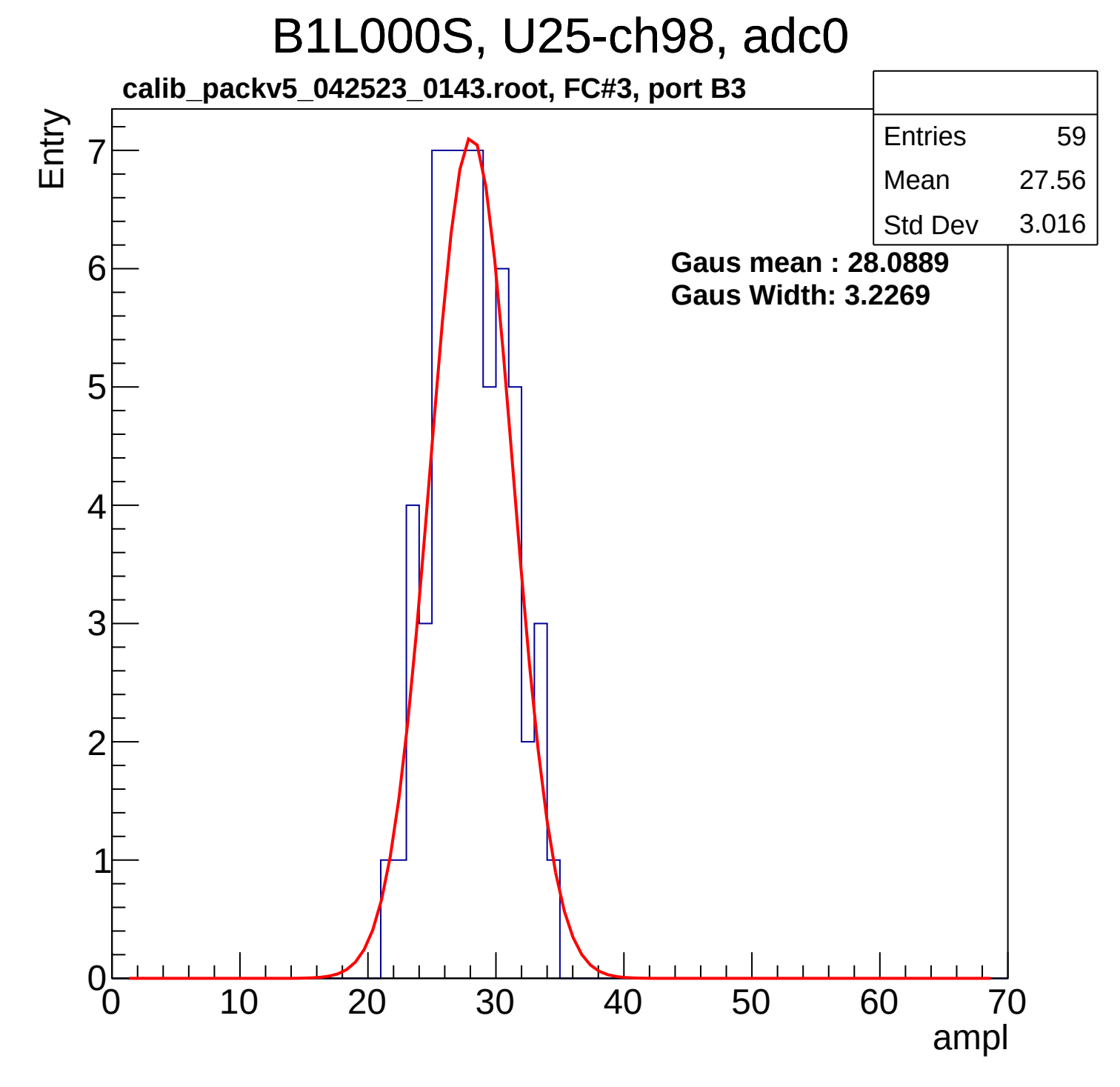
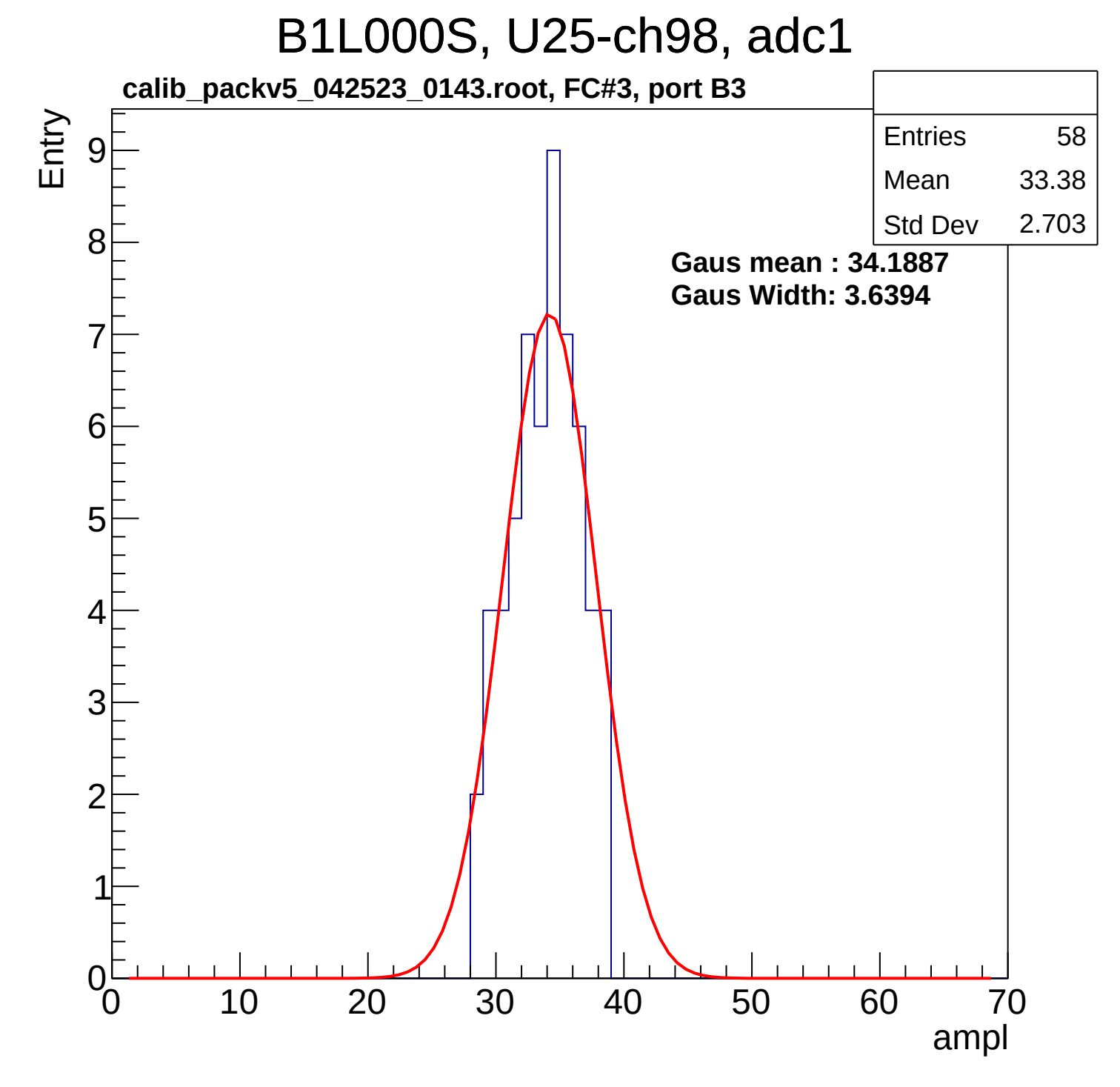
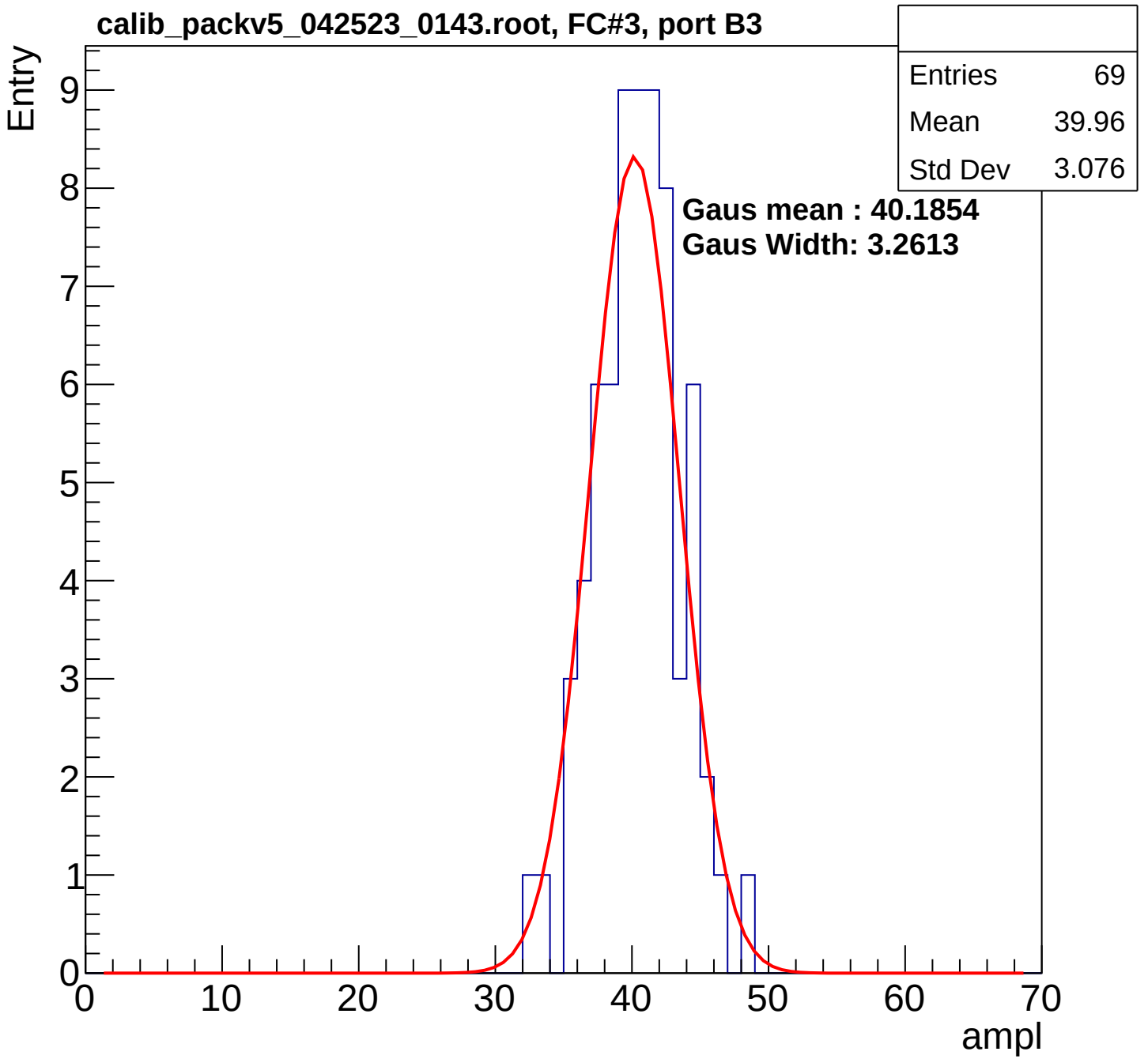
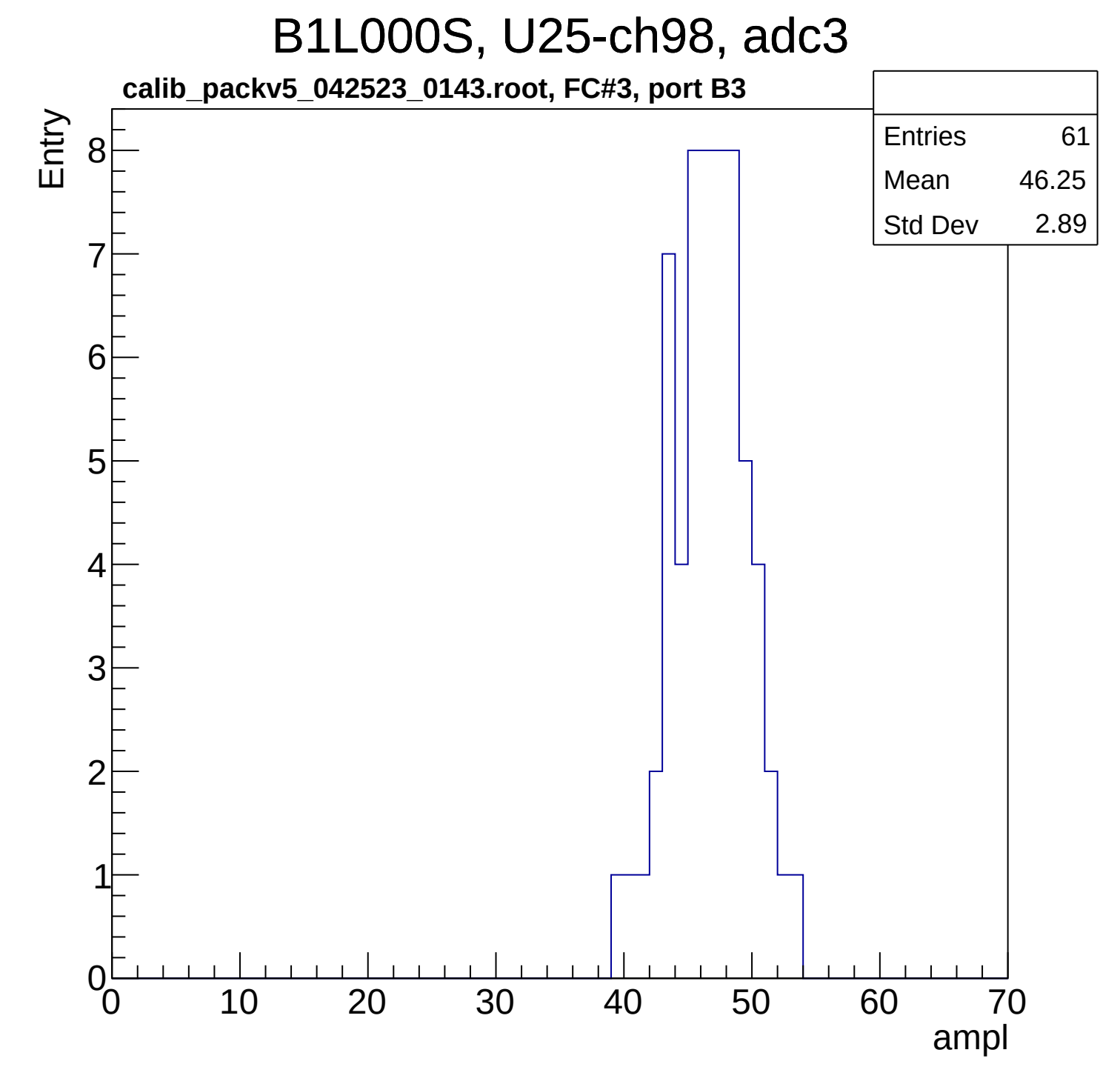
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch98, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 27.56
Std Dev 3.016
Gaus mean : 28.0889
Gaus Width: 3.2269
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U25-ch98, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 33.38
Std Dev 2.703
Gaus mean : 34.1887
Gaus Width: 3.6394
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch98, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 39.96
Std Dev 3.076
Gaus mean : 40.1854
Gaus Width: 3.2613
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch98, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 46.25
Std Dev 2.89
Entry
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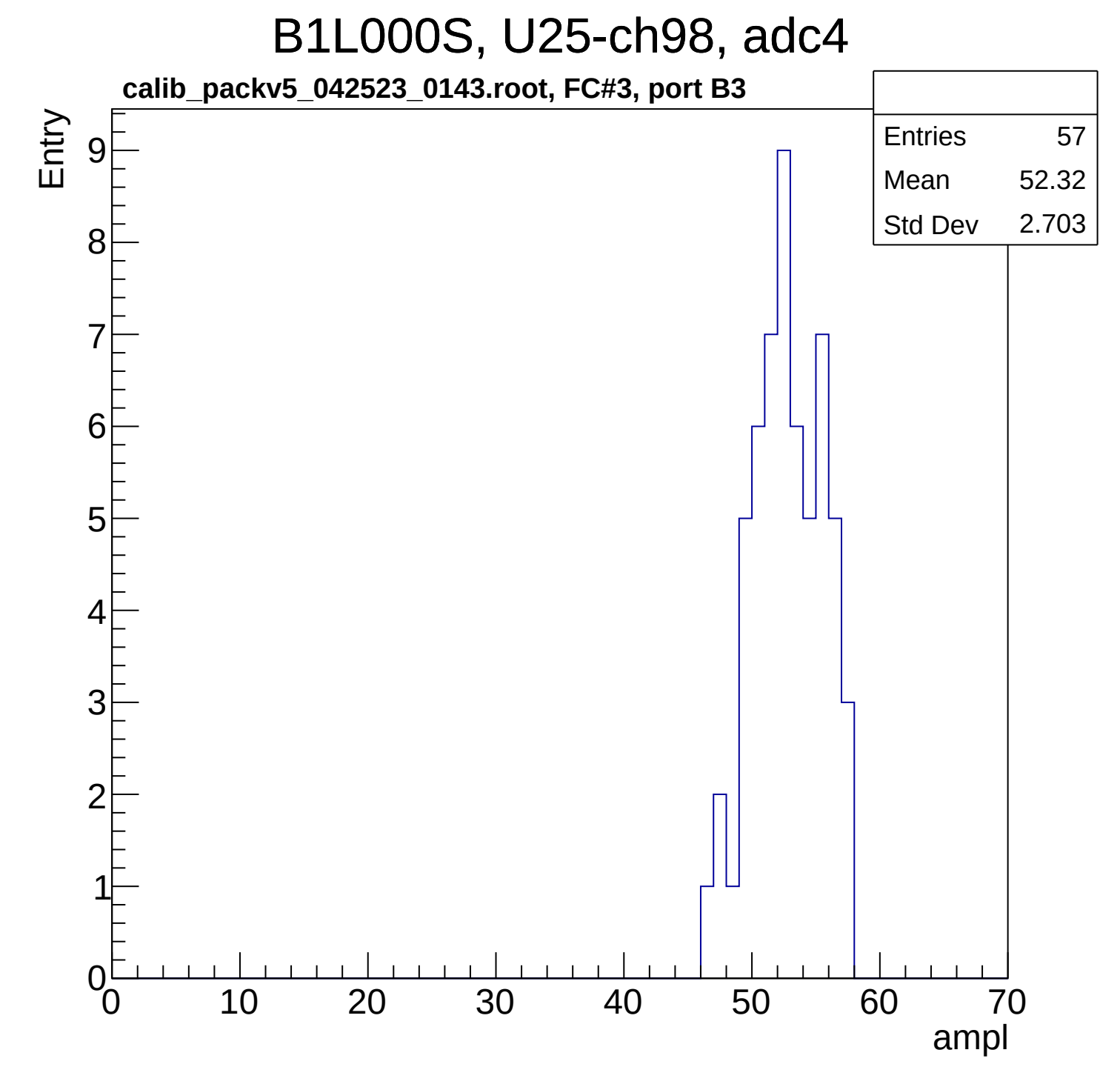
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch98, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 52.32
Std Dev 2.703
Entry
ampl
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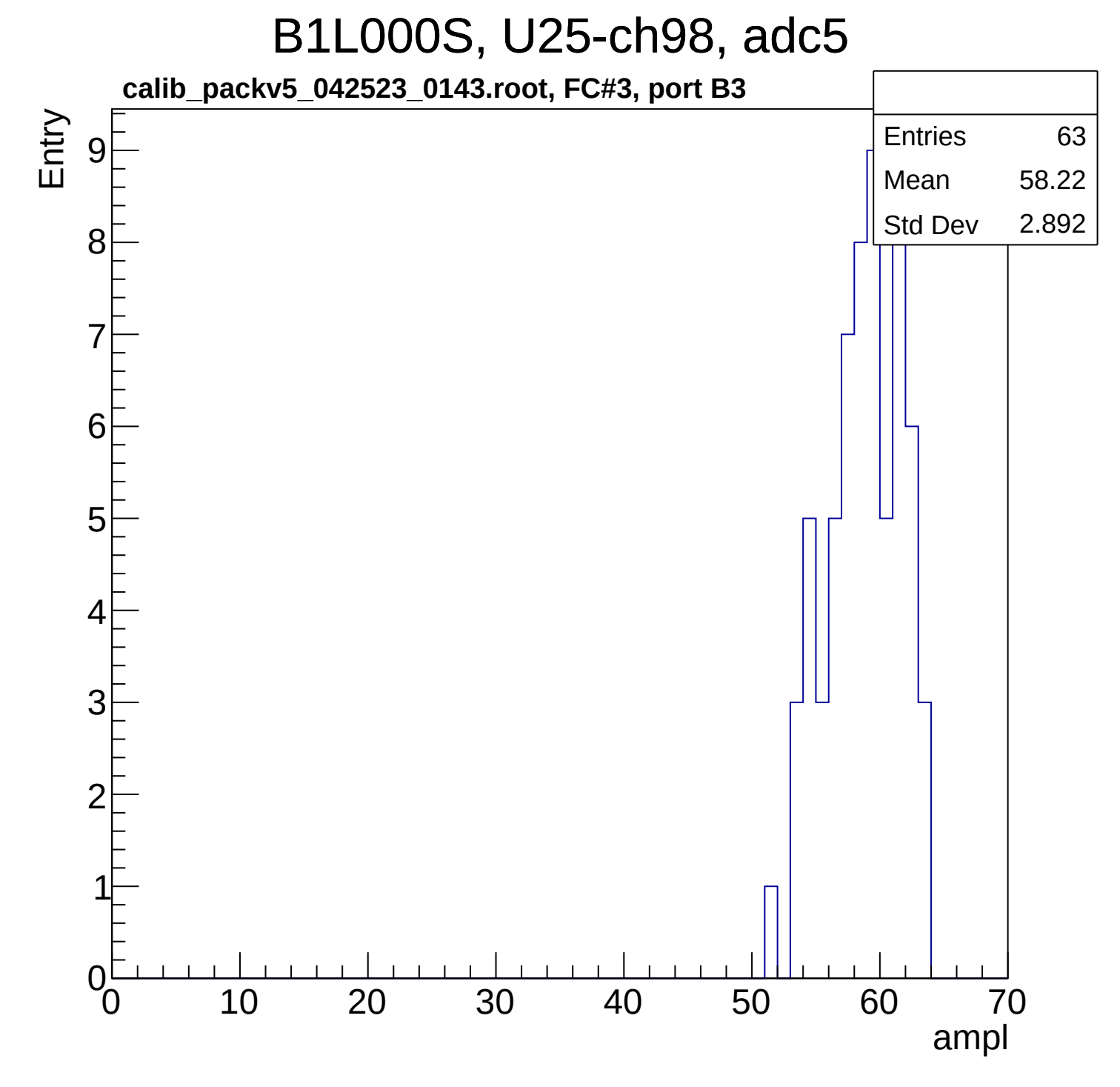
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch98, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 58.22
Std Dev 2.892
Entry
ampl
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3
4
5
6
7
8
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0
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60
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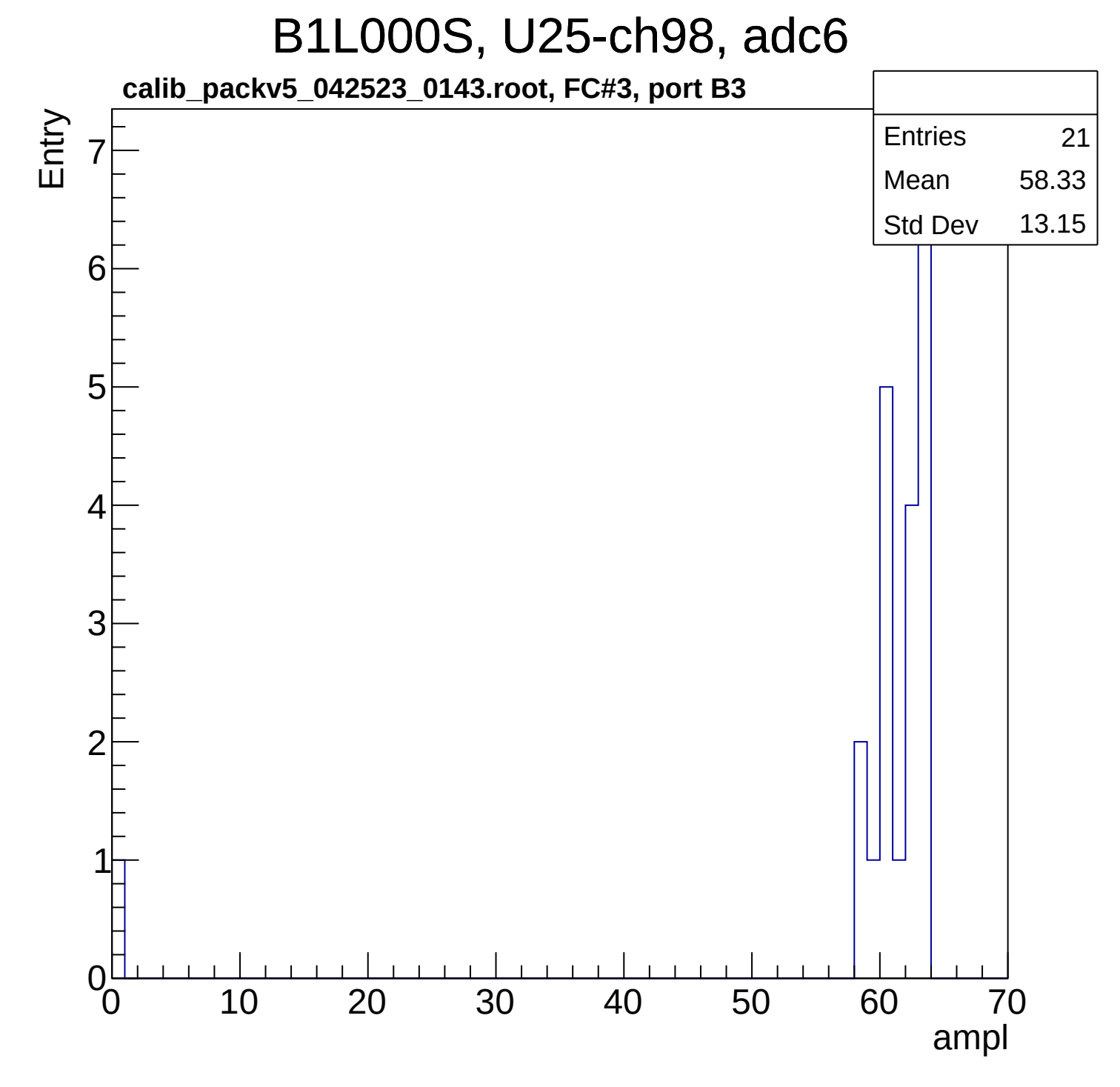
B1L000S, U25-ch98, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 21
Mean 58.33
Std Dev 13.15
Entry
ampl
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3
4
5
6
7
0
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20
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40
50
60
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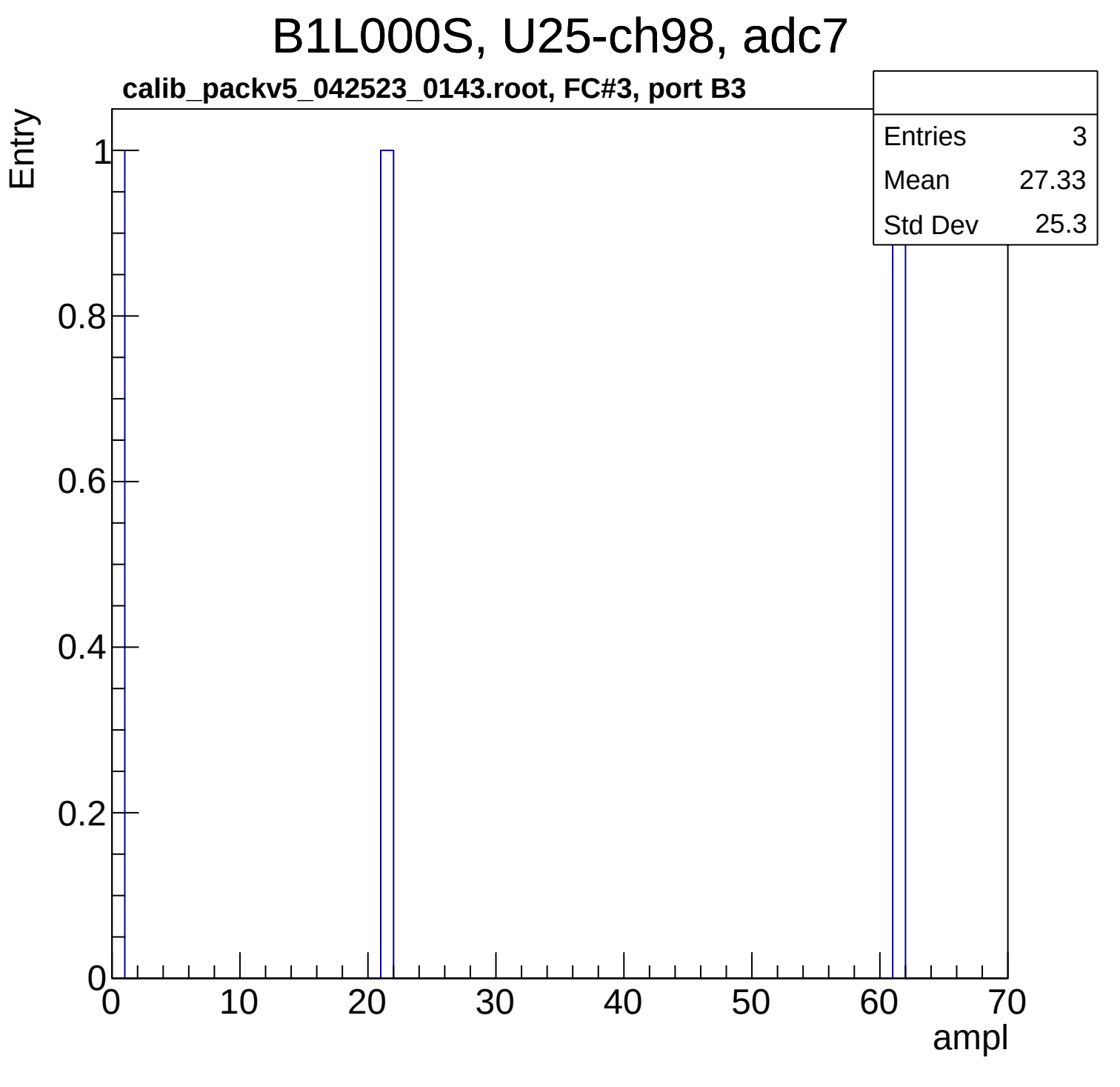
B1L000S, U25-ch98, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 27.33
Std Dev 25.3
Entry
ampl
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0.4
0.6
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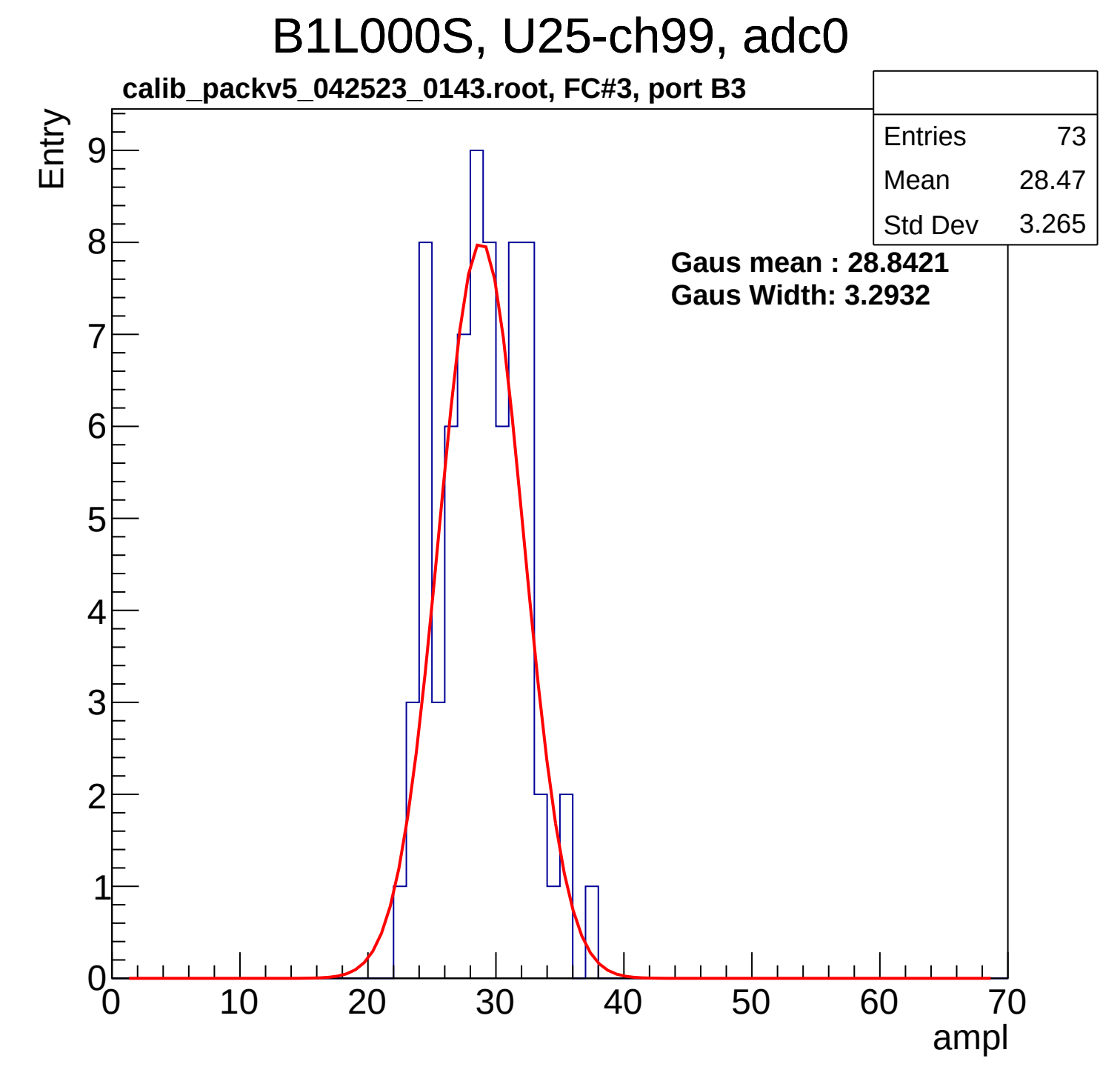
B1L000S, U25-ch99, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 28.47
Std Dev 3.265
Gaus mean : 28.8421
Gaus Width: 3.2932
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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60
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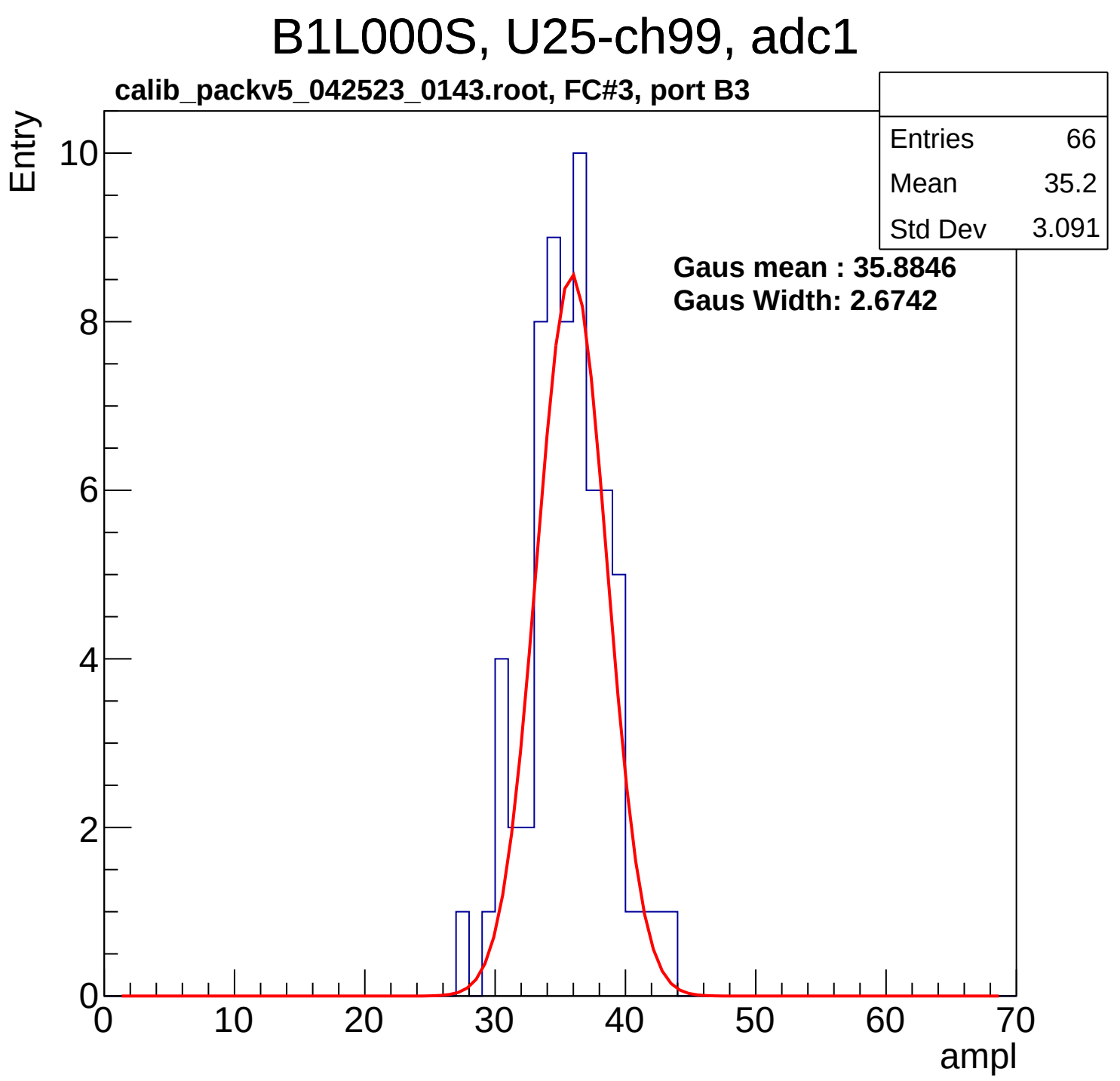
B1L000S, U25-ch99, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 35.2
Std Dev 3.091
Gaus mean : 35.8846
Gaus Width: 2.6742
Entry
ampl
0
2
4
6
8
10
0
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20
30
40
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60
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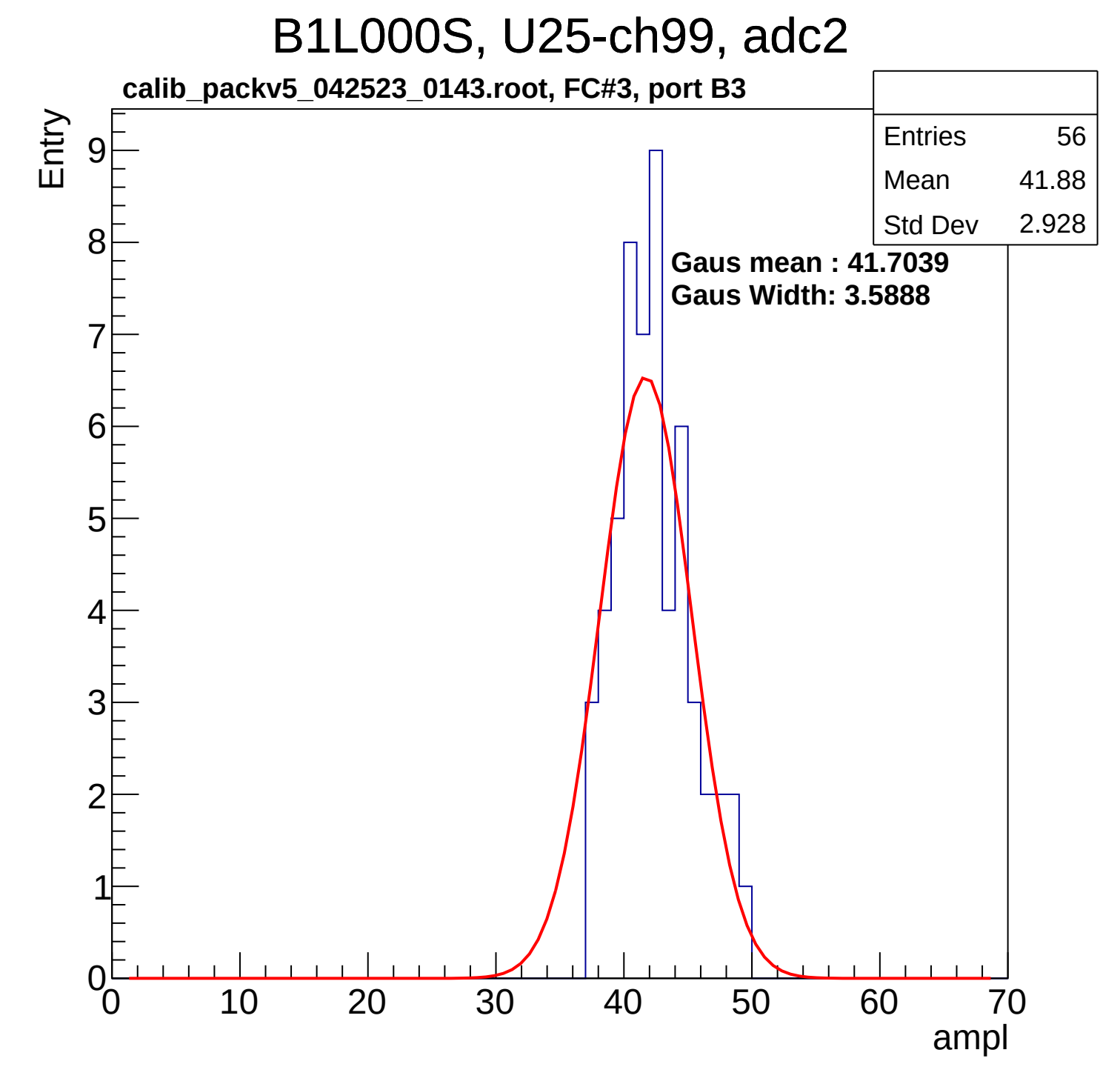
B1L000S, U25-ch99, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 41.88
Std Dev 2.928
Gaus mean : 41.7039
Gaus Width: 3.5888
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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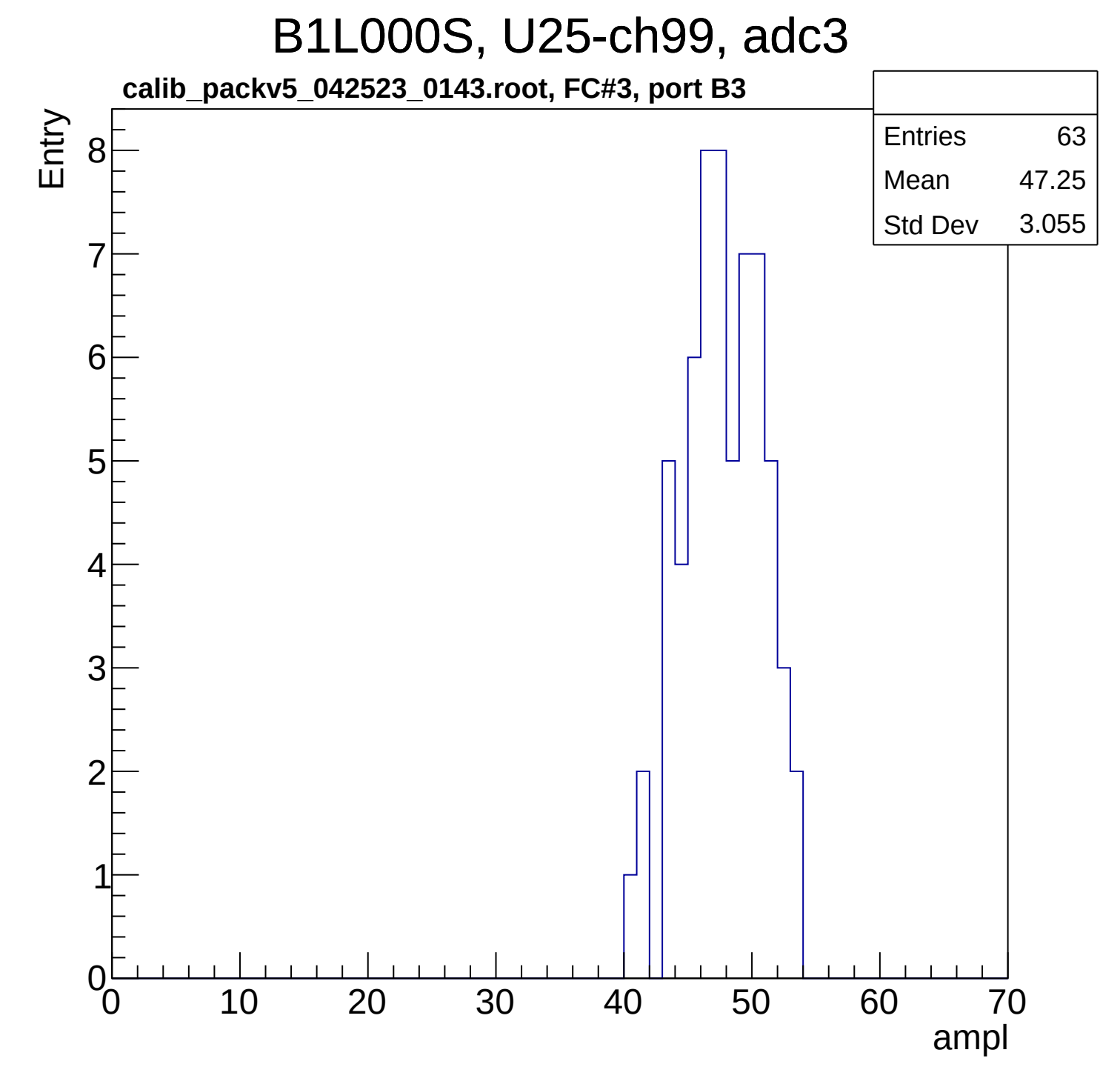
B1L000S, U25-ch99, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 47.25
Std Dev 3.055
Entry
ampl
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5
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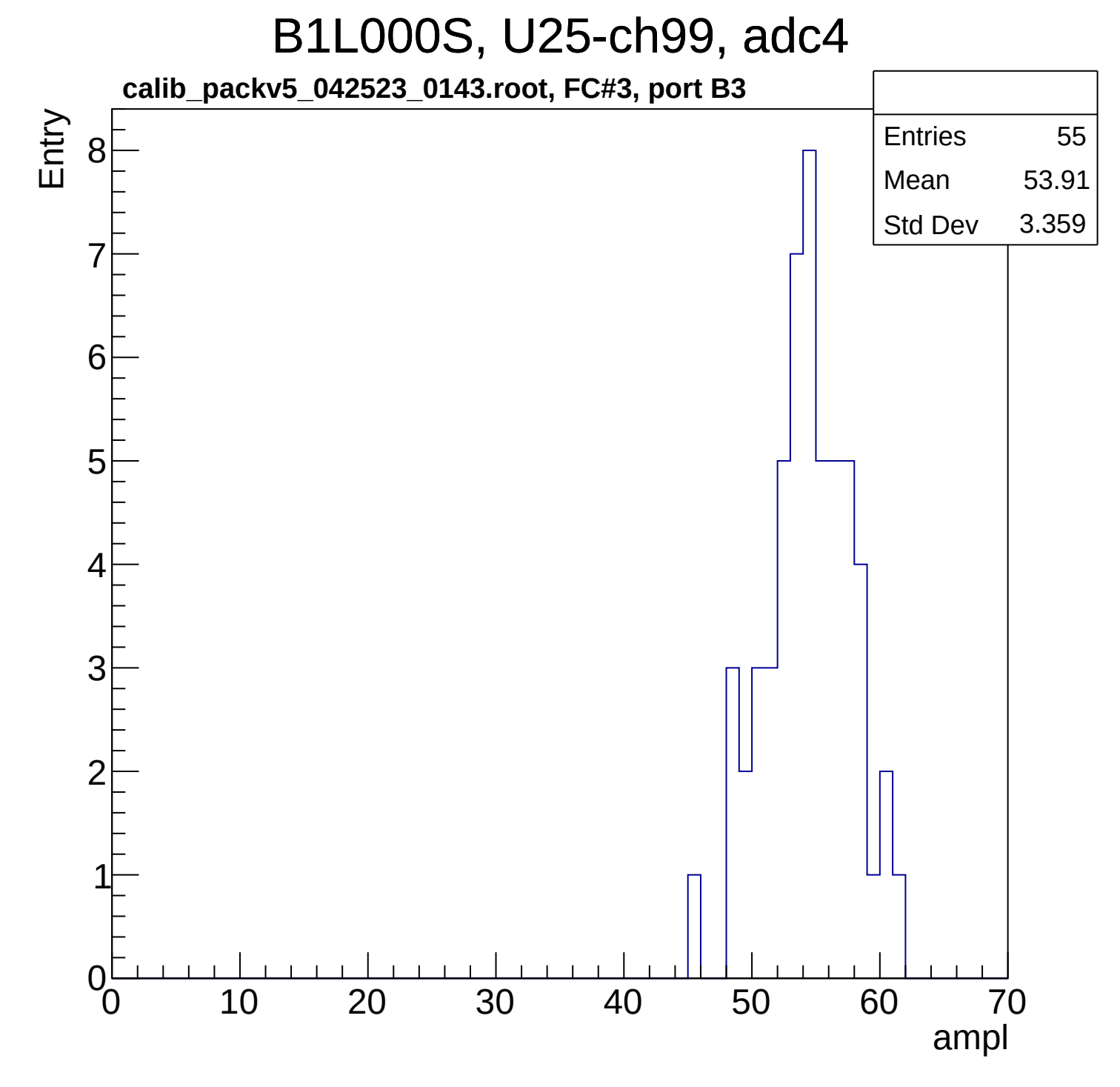
B1L000S, U25-ch99, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 53.91
Std Dev 3.359
Entry
ampl
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3
4
5
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7
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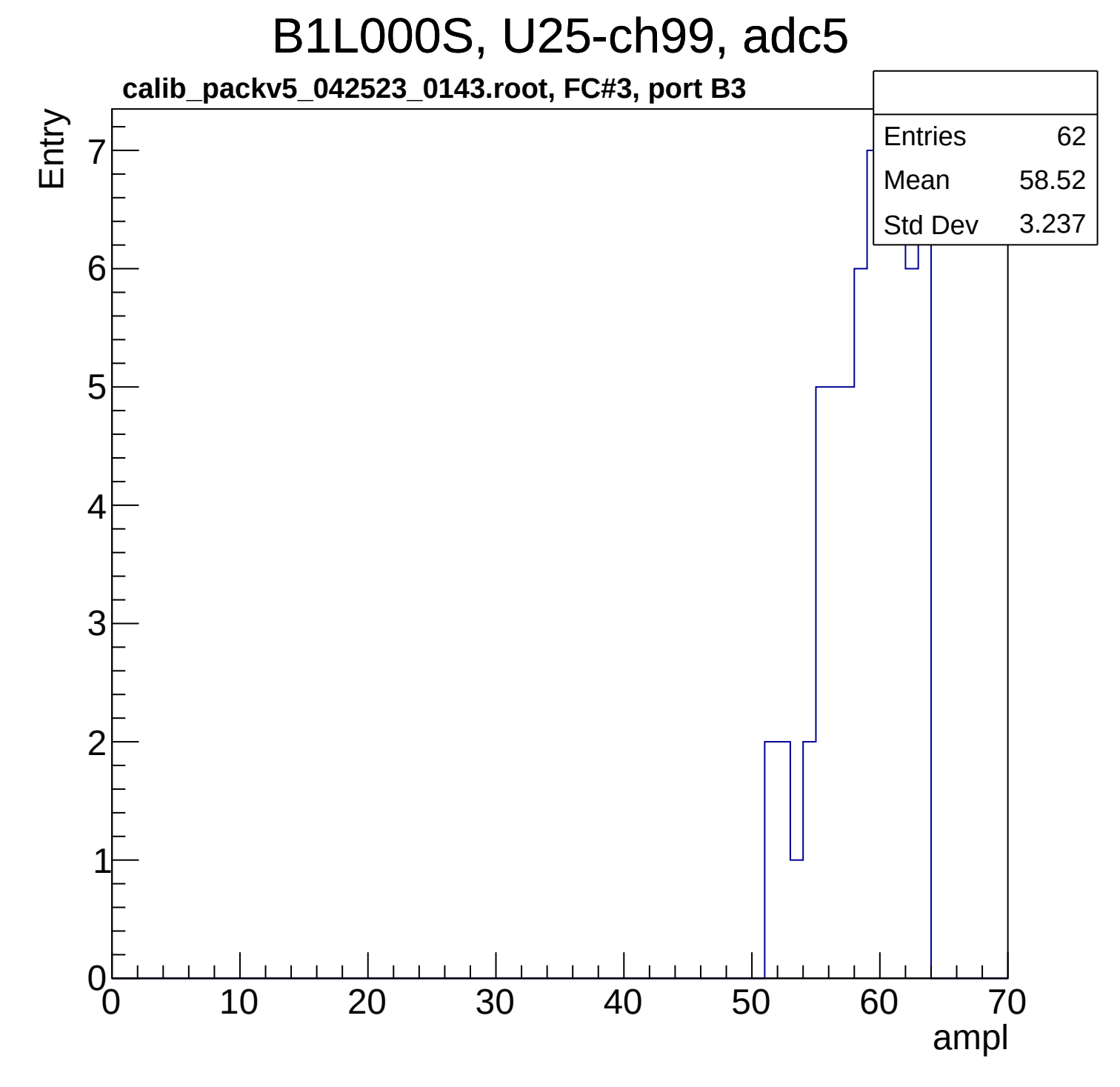
B1L000S, U25-ch99, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 58.52
Std Dev 3.237
Entry
ampl
0
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2
3
4
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0
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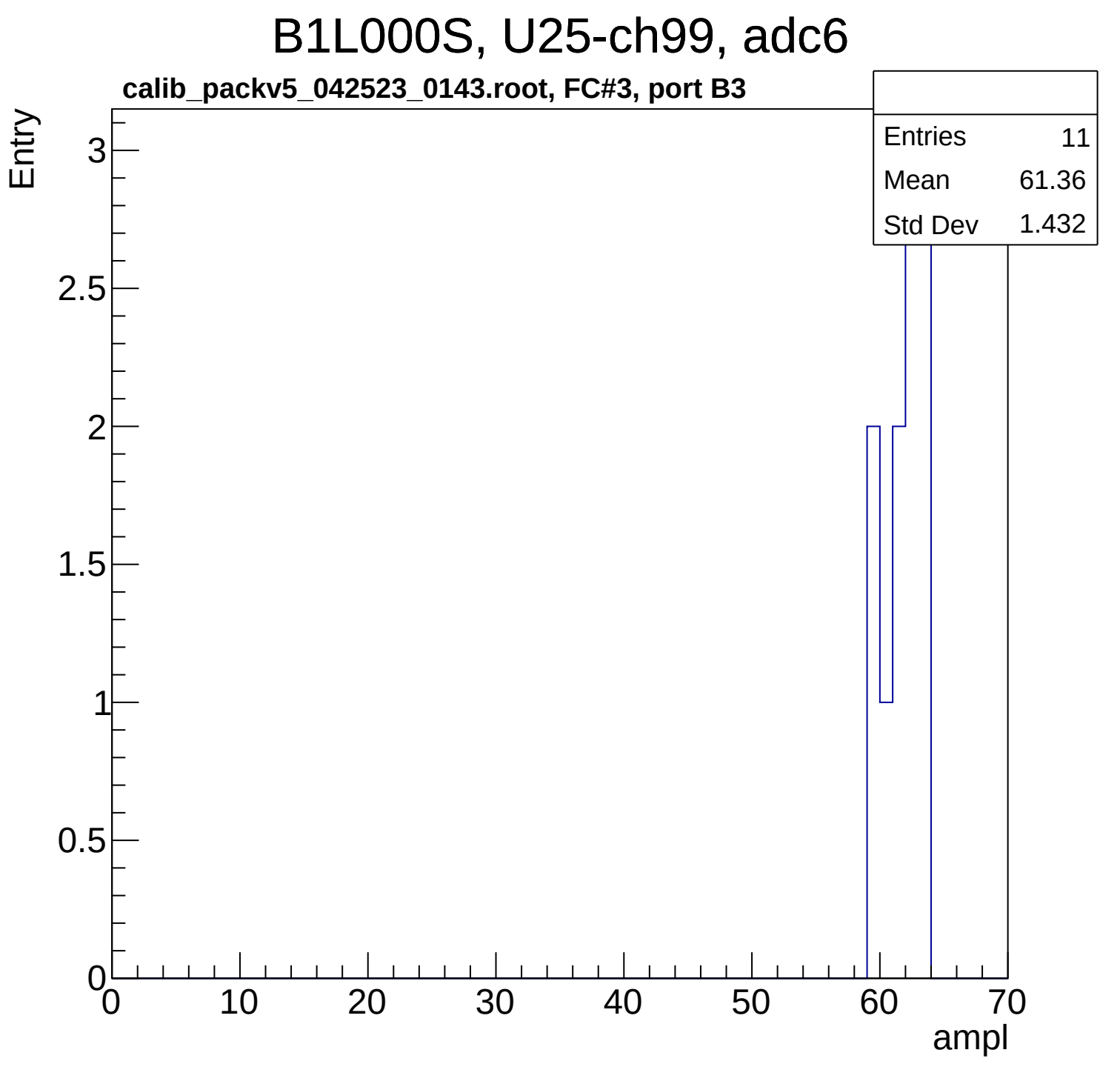
B1L000S, U25-ch99, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 61.36
Std Dev 1.432
Entry
ampl
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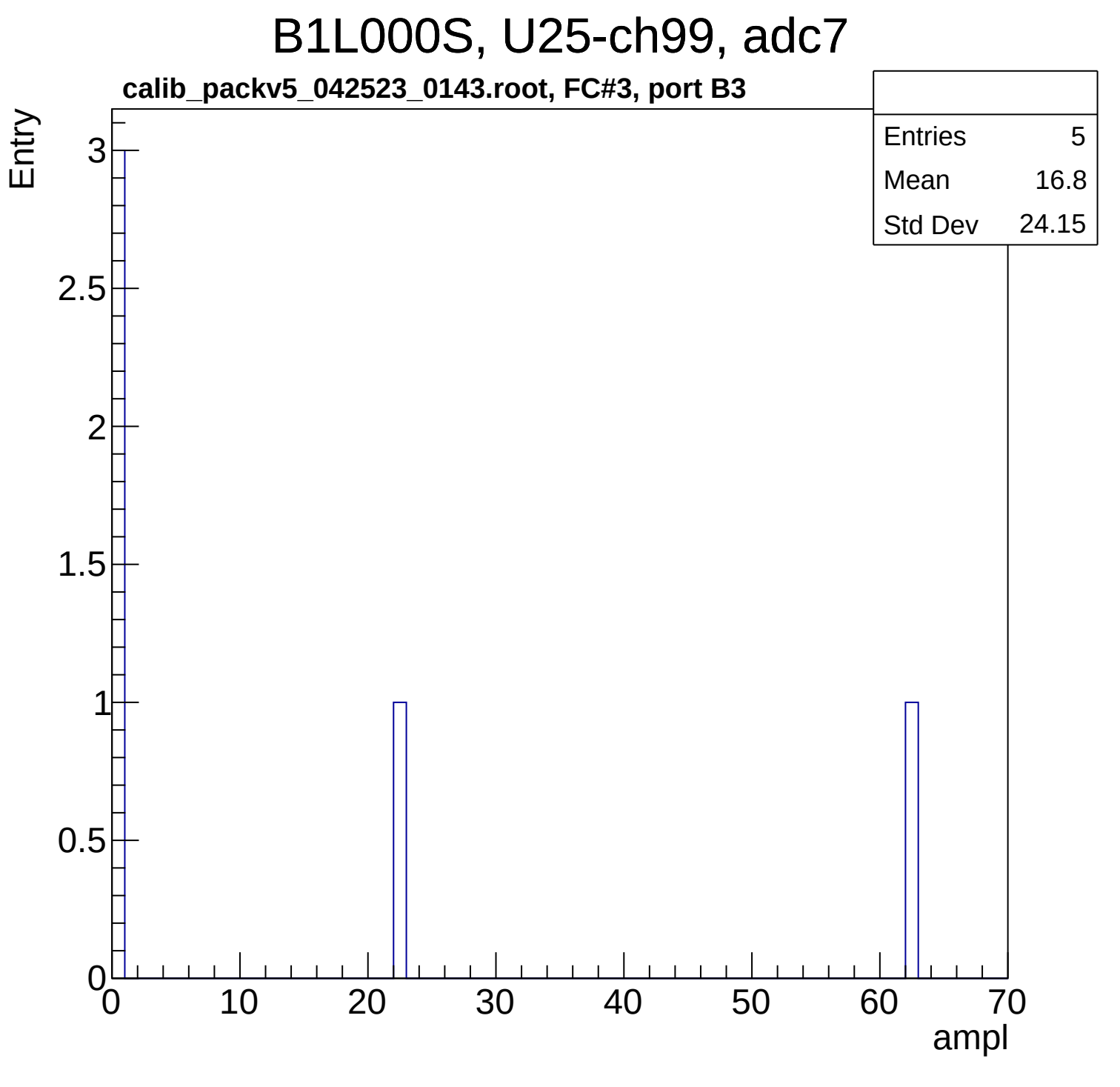
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U25-ch99, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 16.8
Std Dev 24.15
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
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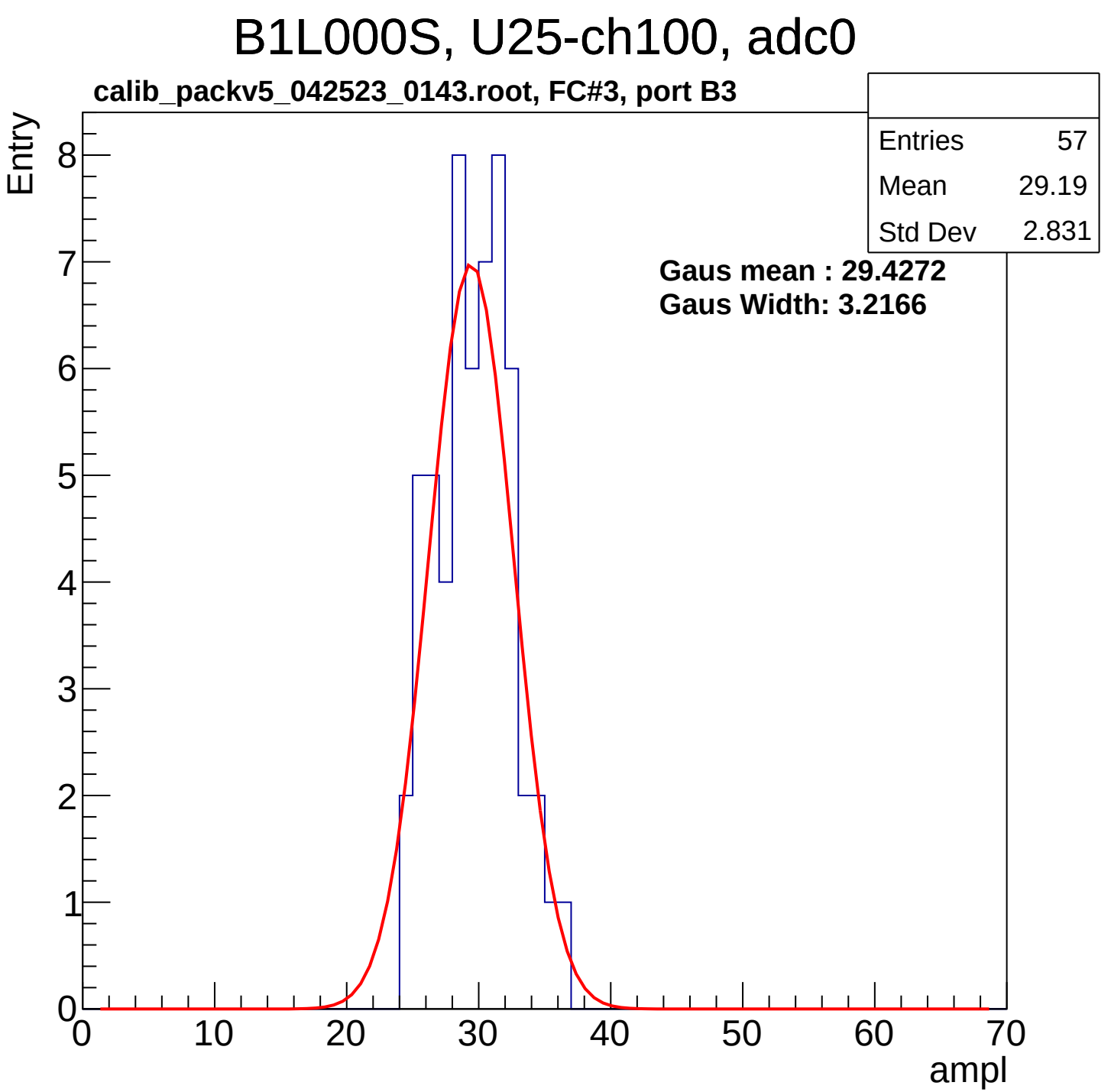
B1L000S, U25-ch100, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 29.19
Std Dev 2.831
Gaus mean : 29.4272
Gaus Width: 3.2166
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
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40
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60
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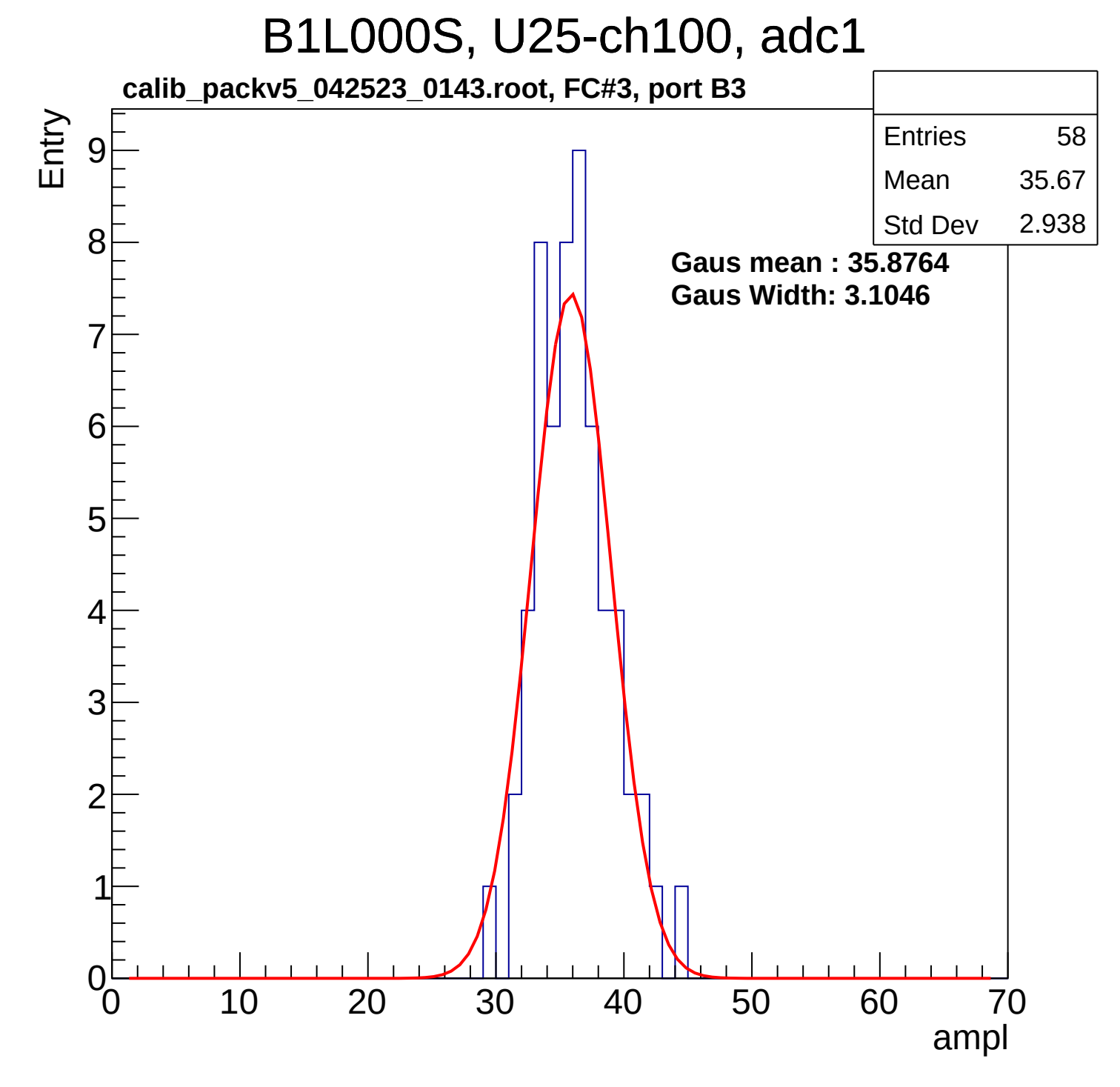
B1L000S, U25-ch100, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 35.67
Std Dev 2.938
Gaus mean : 35.8764
Gaus Width: 3.1046
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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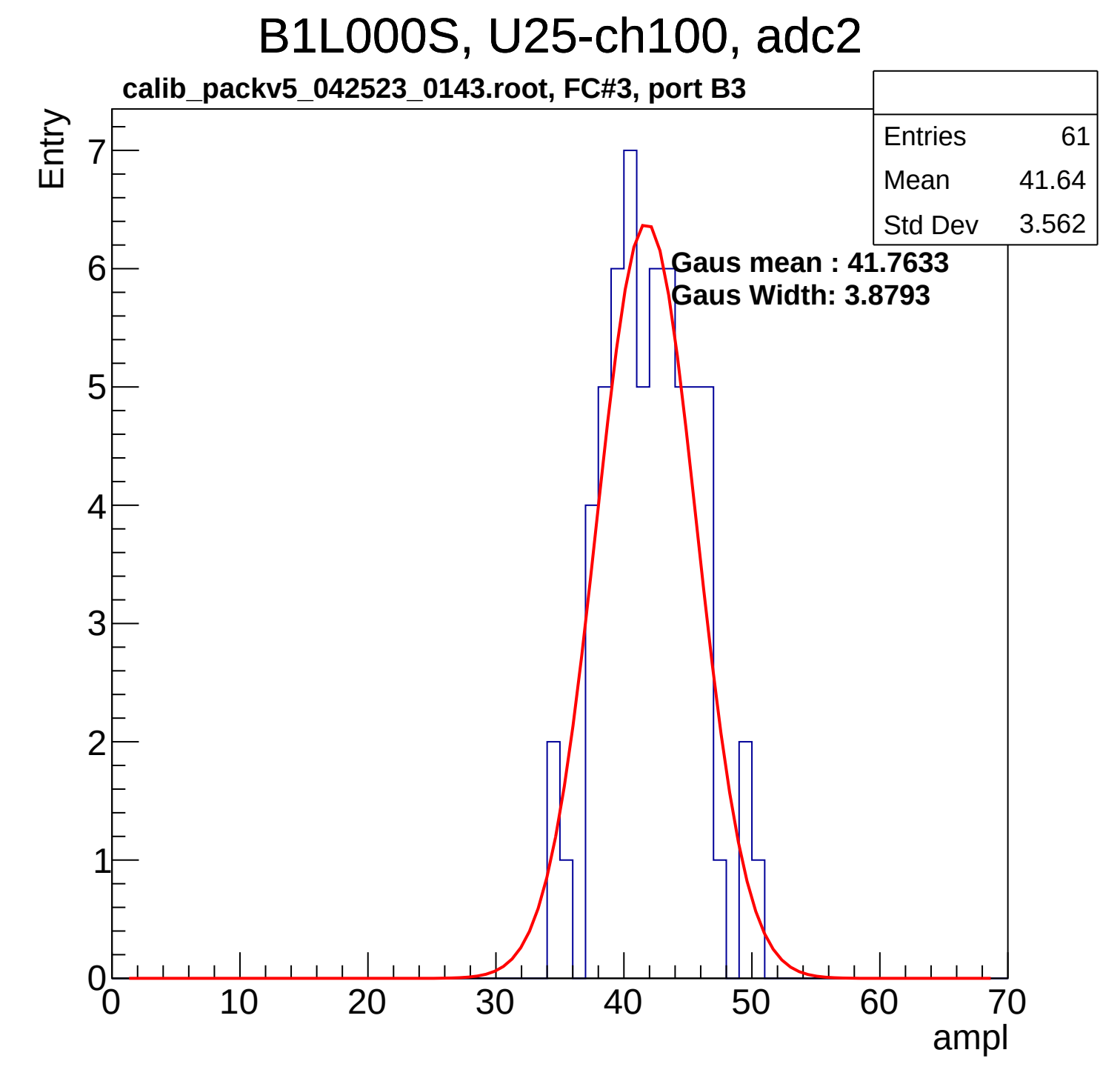
B1L000S, U25-ch100, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 41.64
Std Dev 3.562
Gaus mean : 41.7633
Gaus Width: 3.8793
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
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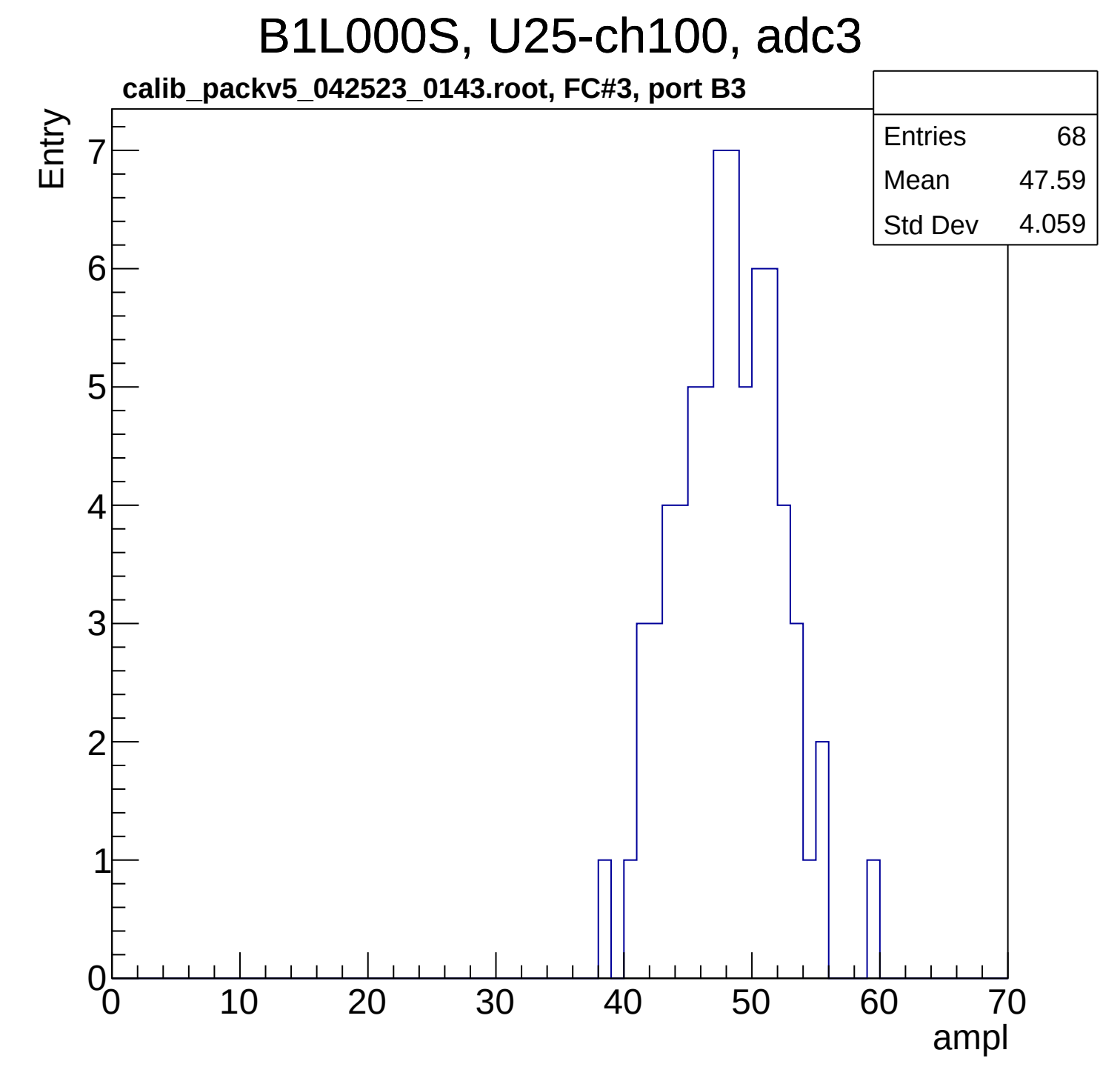
60
70


B1L000S, U25-ch100, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 47.59
Std Dev 4.059
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
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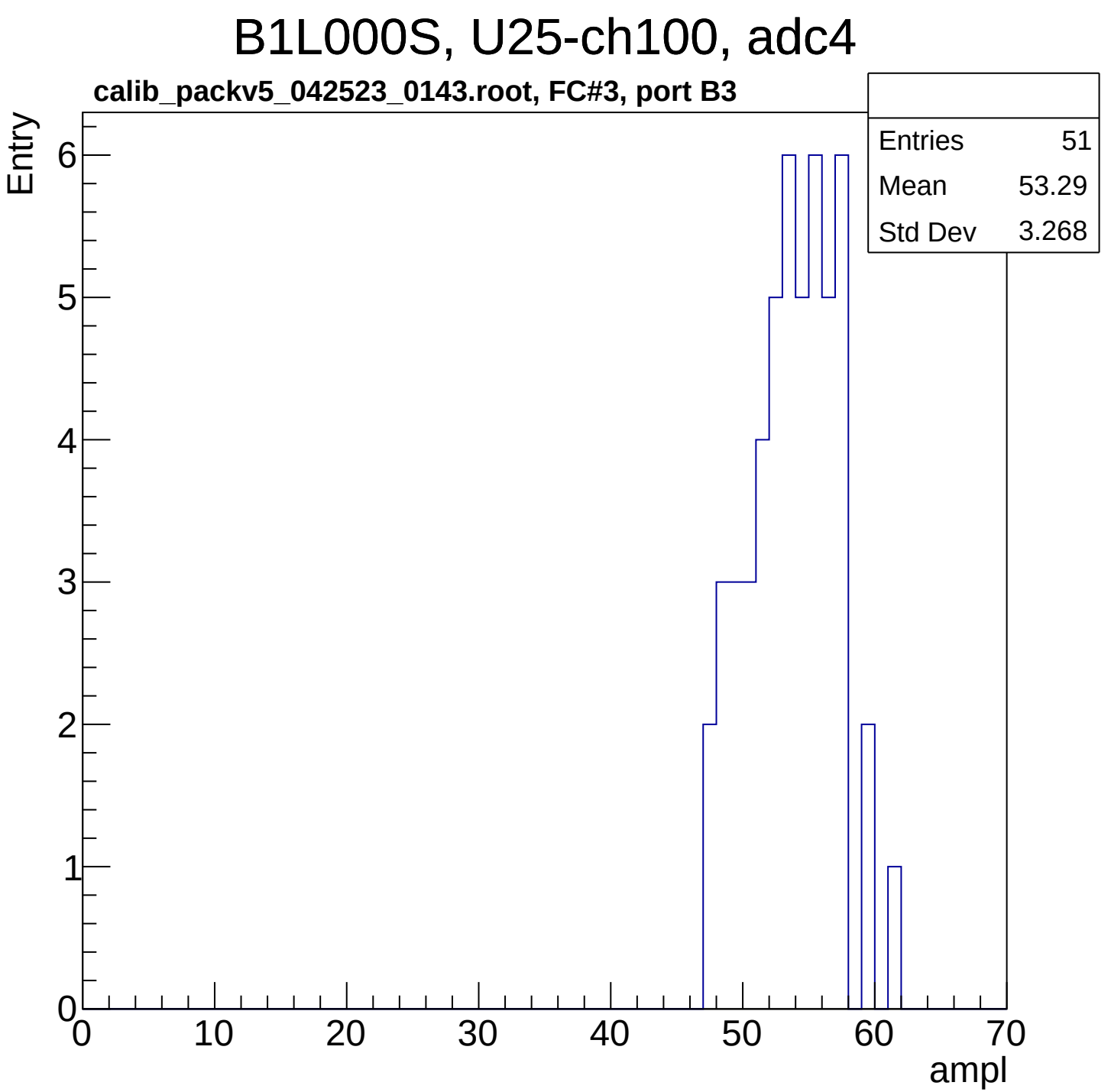
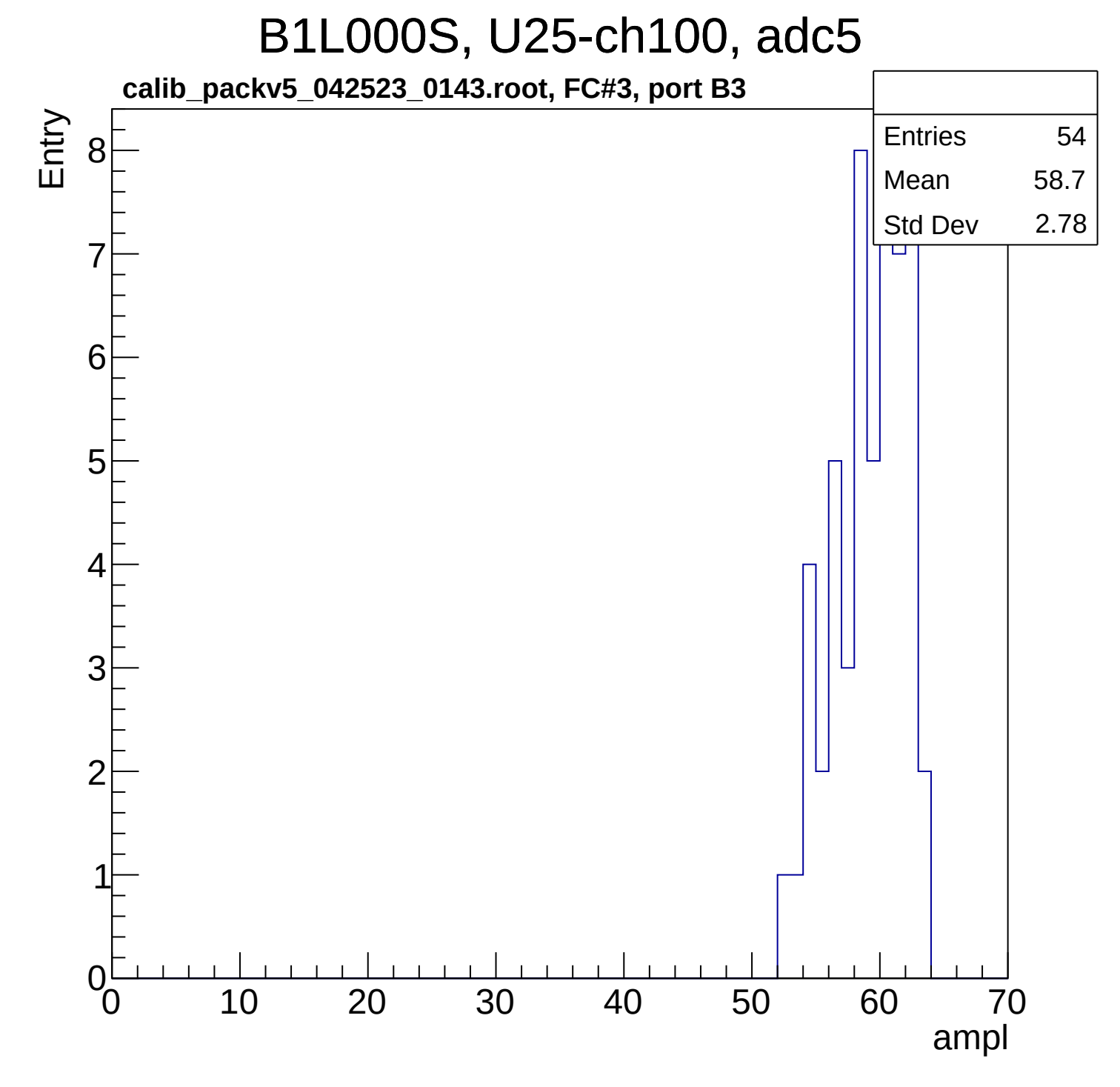
60
70


B1L000S, U25-ch100, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 53.29
Std Dev 3.268
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch100, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 58.7
Std Dev 2.78
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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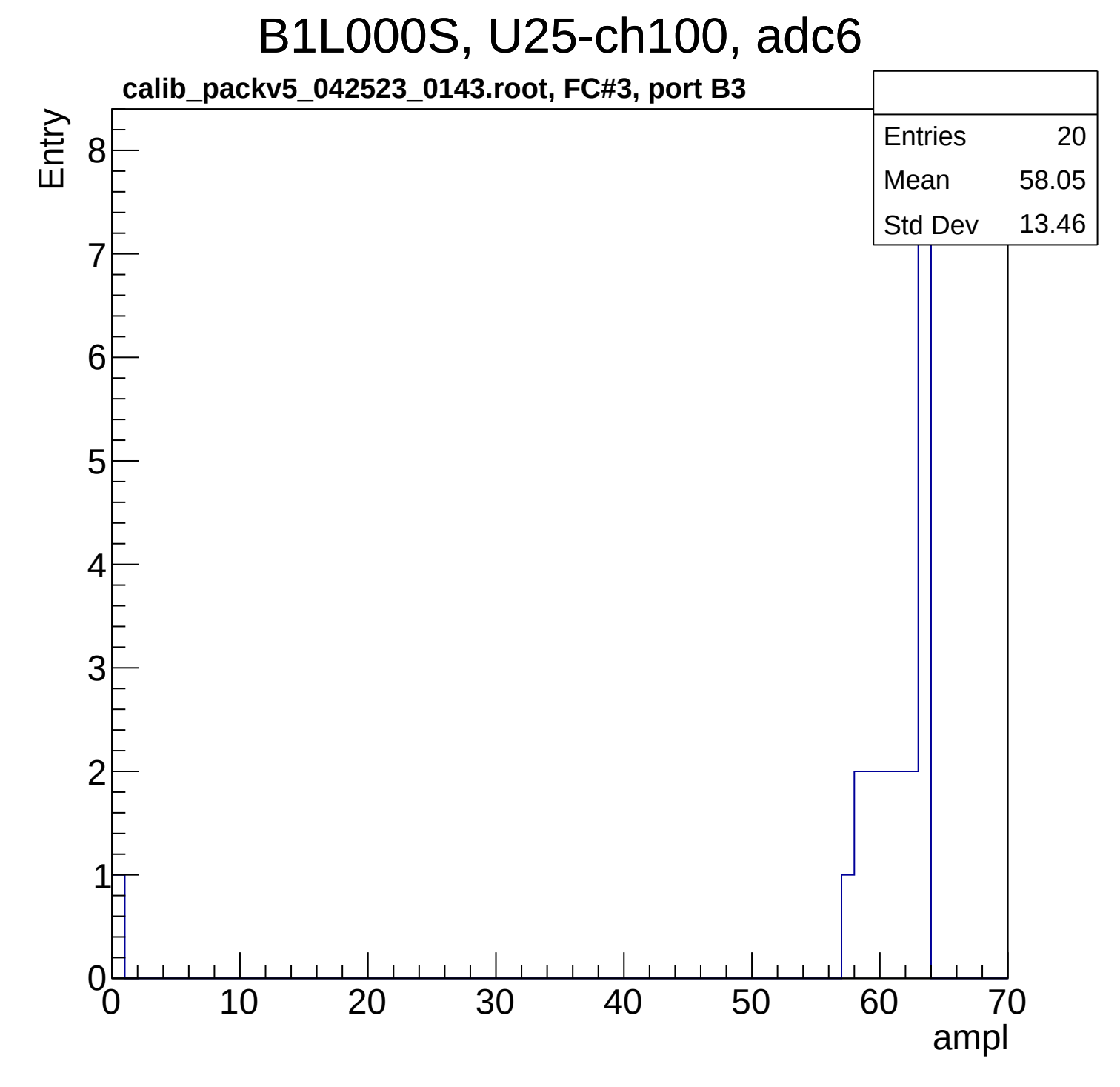
B1L000S, U25-ch100, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 20
Mean 58.05
Std Dev 13.46
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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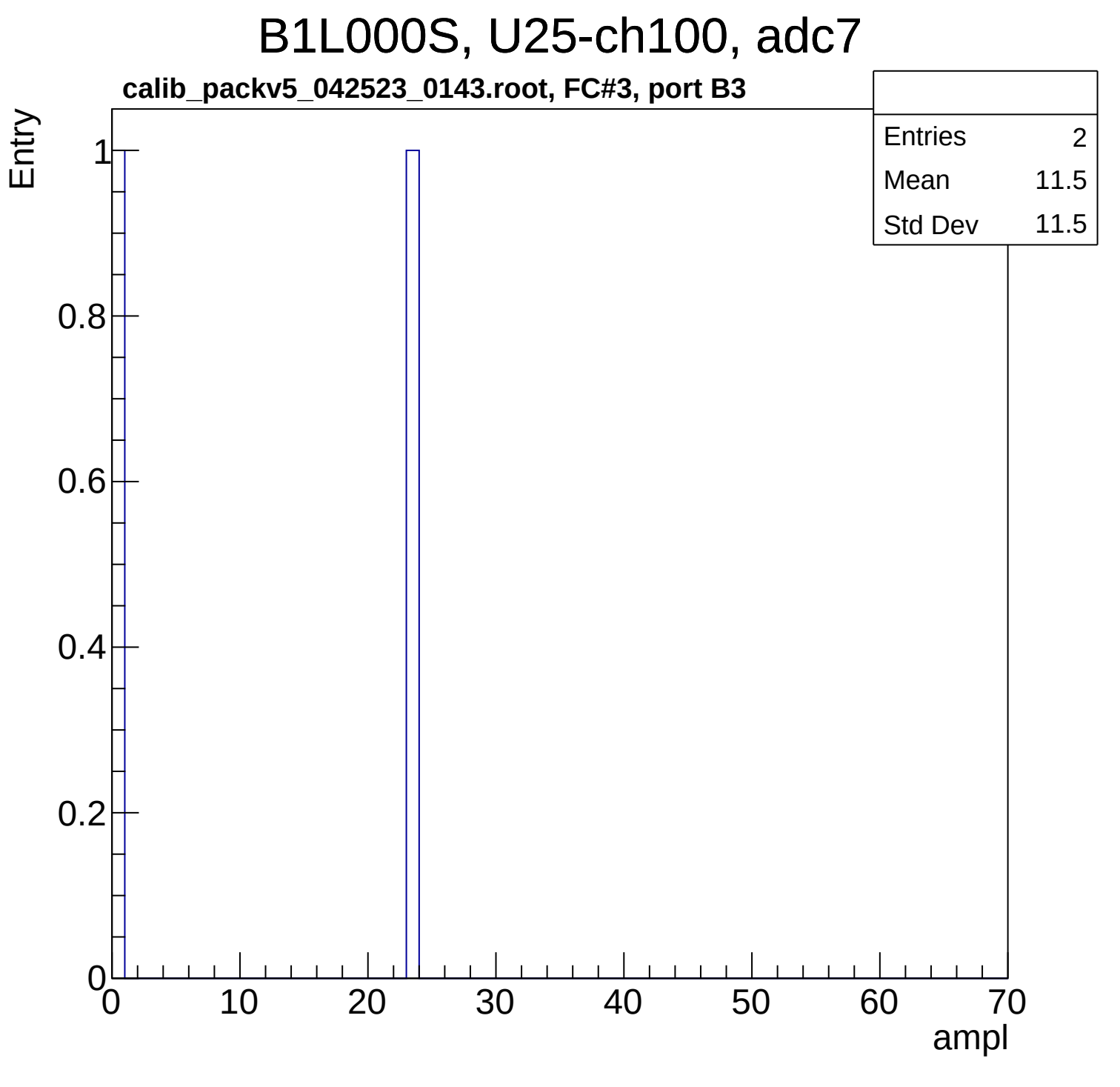
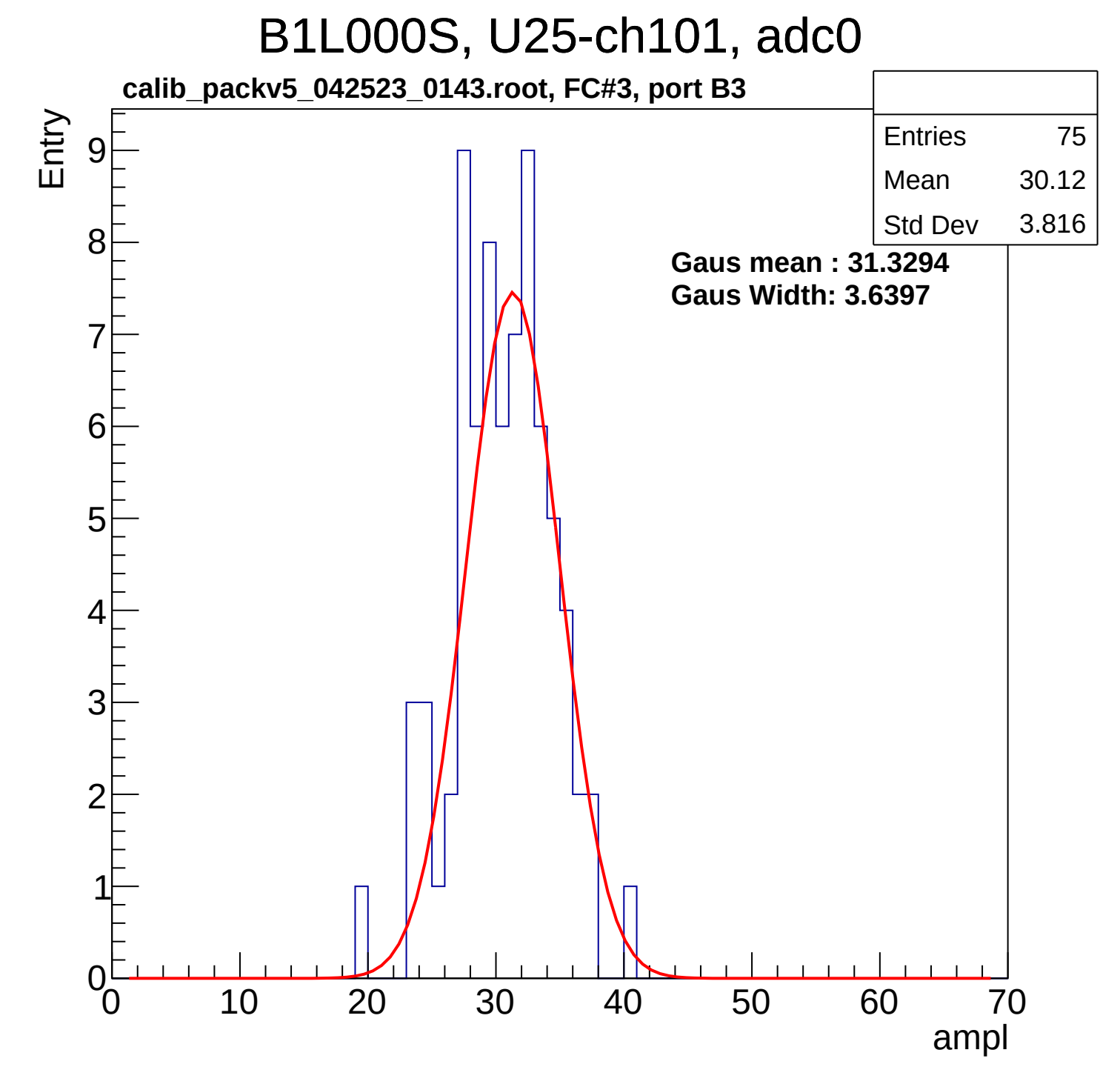

B1L000S, U25-ch100, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 11.5
Std Dev 11.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch101, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 30.12
Std Dev 3.816
Gaus mean : 31.3294
Gaus Width: 3.6397
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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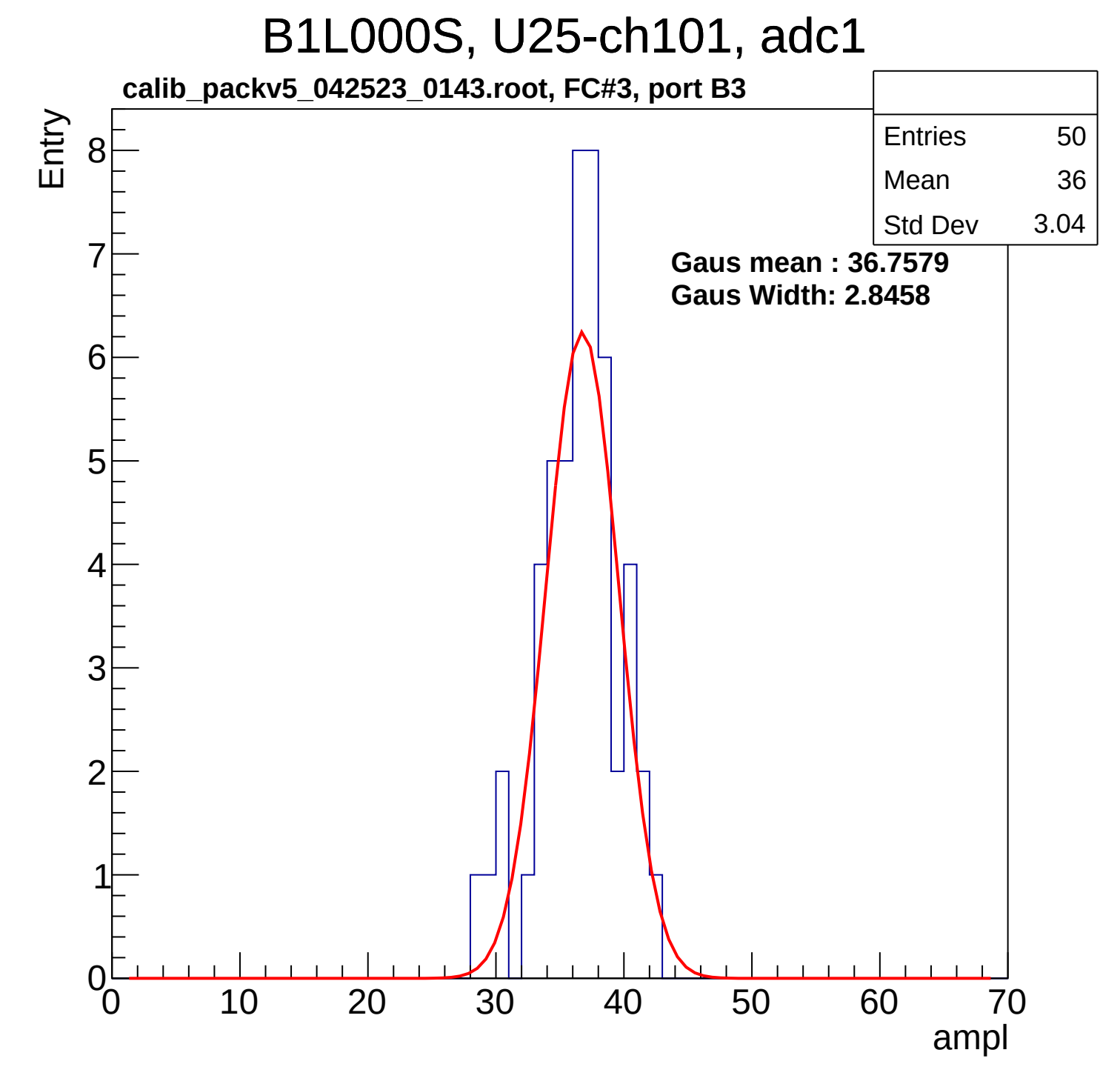
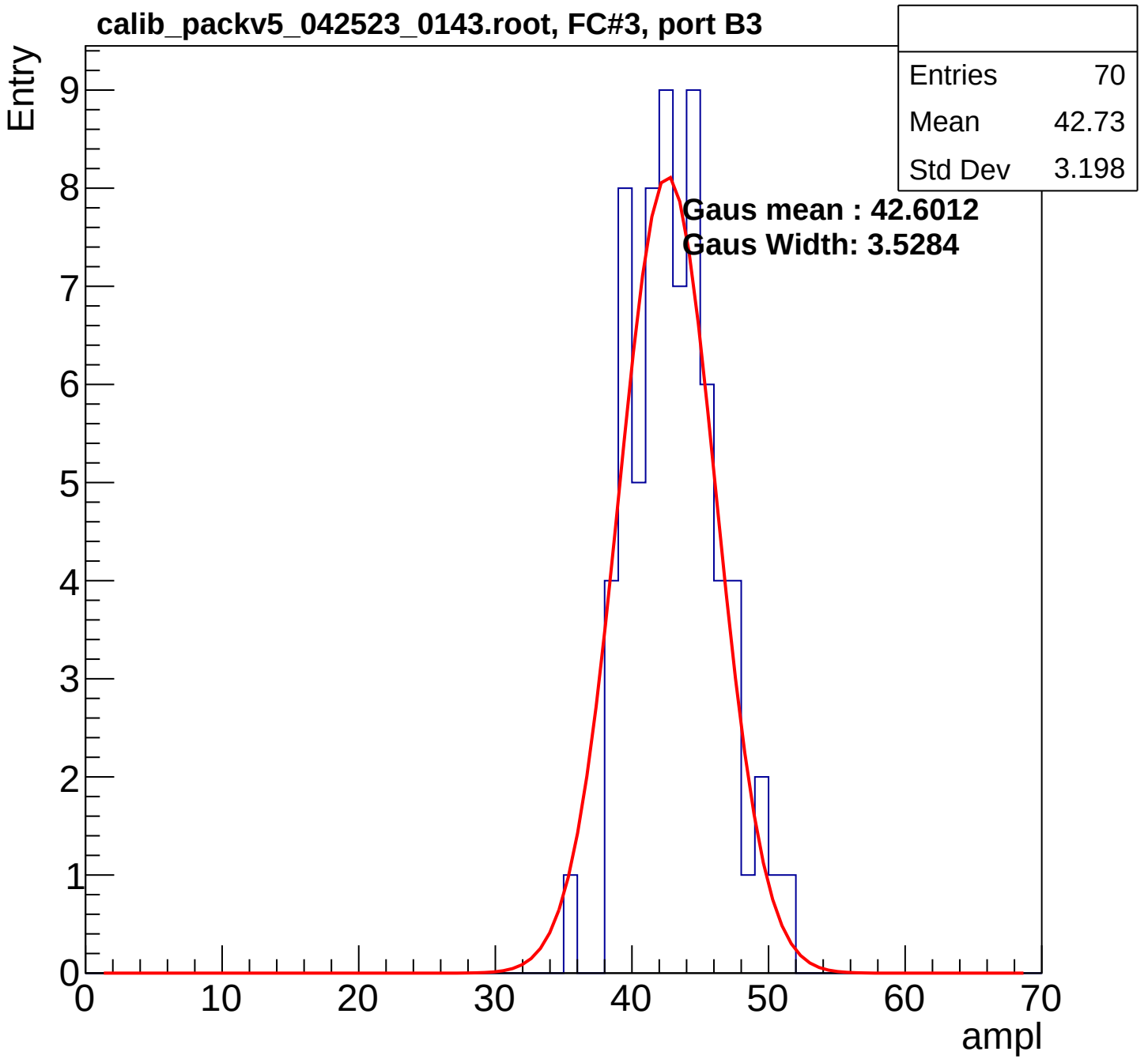

B1L000S, U25-ch101, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 50
Mean 36
Std Dev 3.04
Gaus mean : 36.7579
Gaus Width: 2.8458
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch101, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 42.73
Std Dev 3.198
Gaus mean : 42.6012
Gaus Width: 3.5284
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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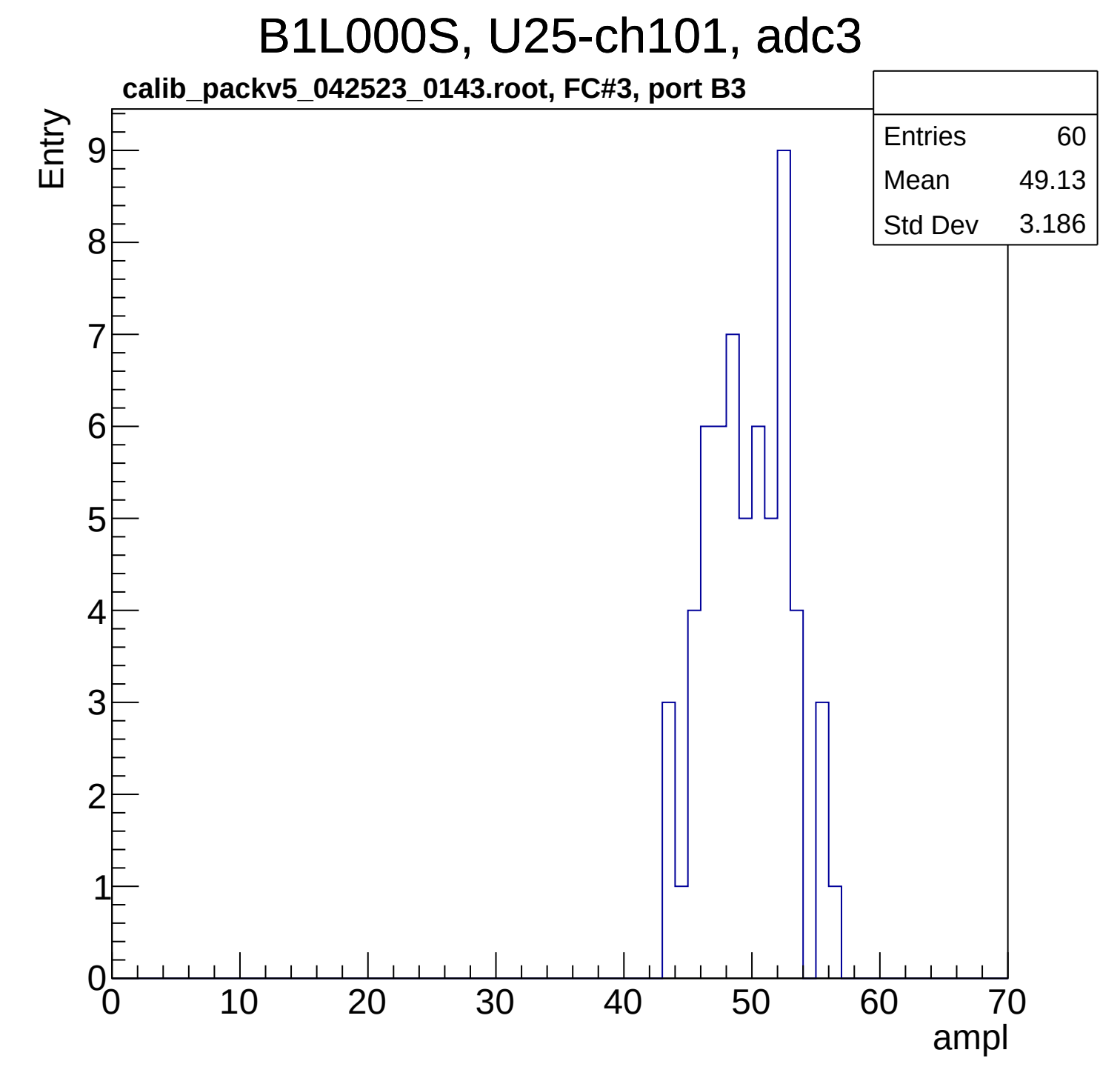
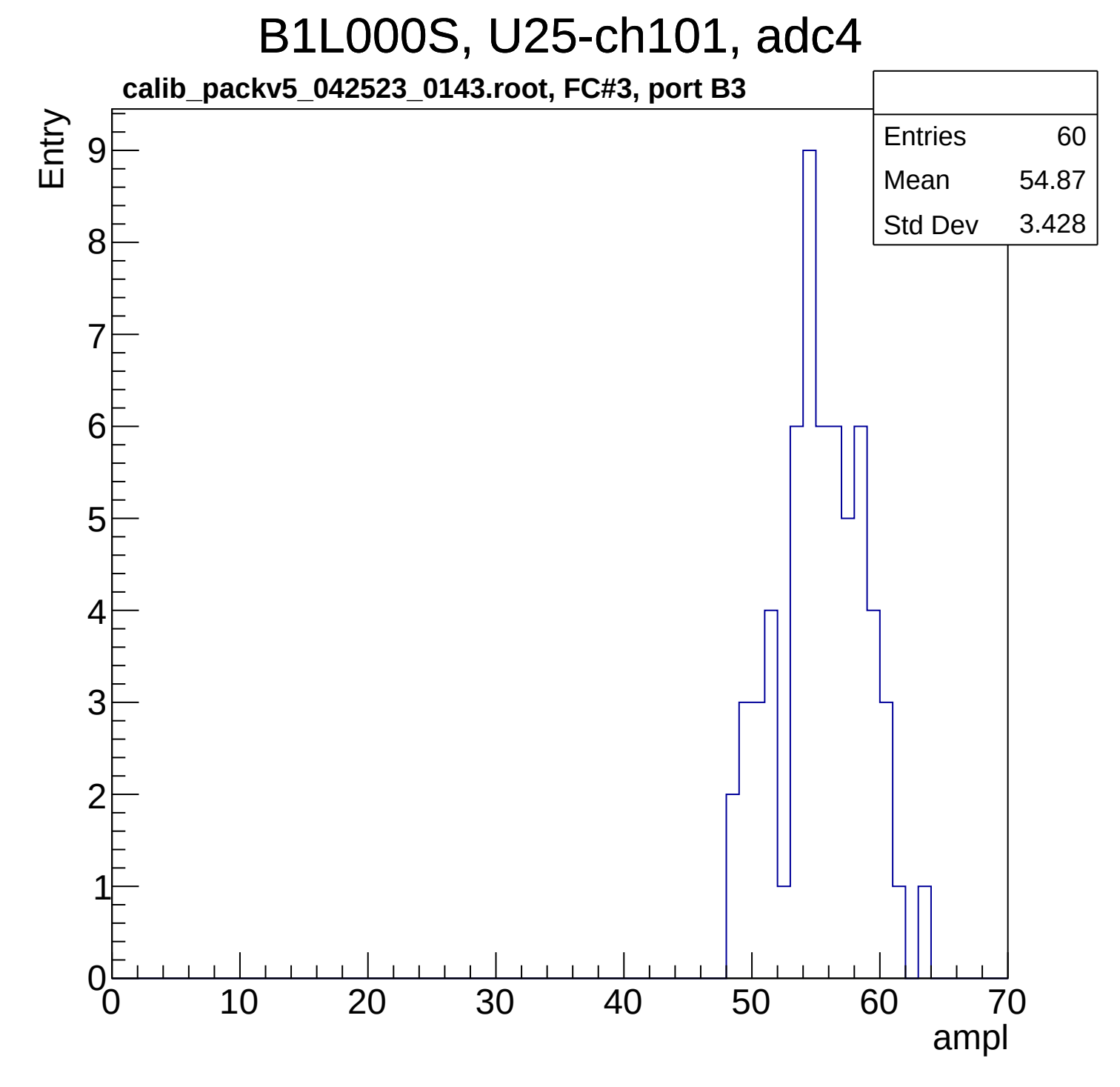

B1L000S, U25-ch101, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 49.13
Std Dev 3.186
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch101, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 54.87
Std Dev 3.428
Entry
ampl
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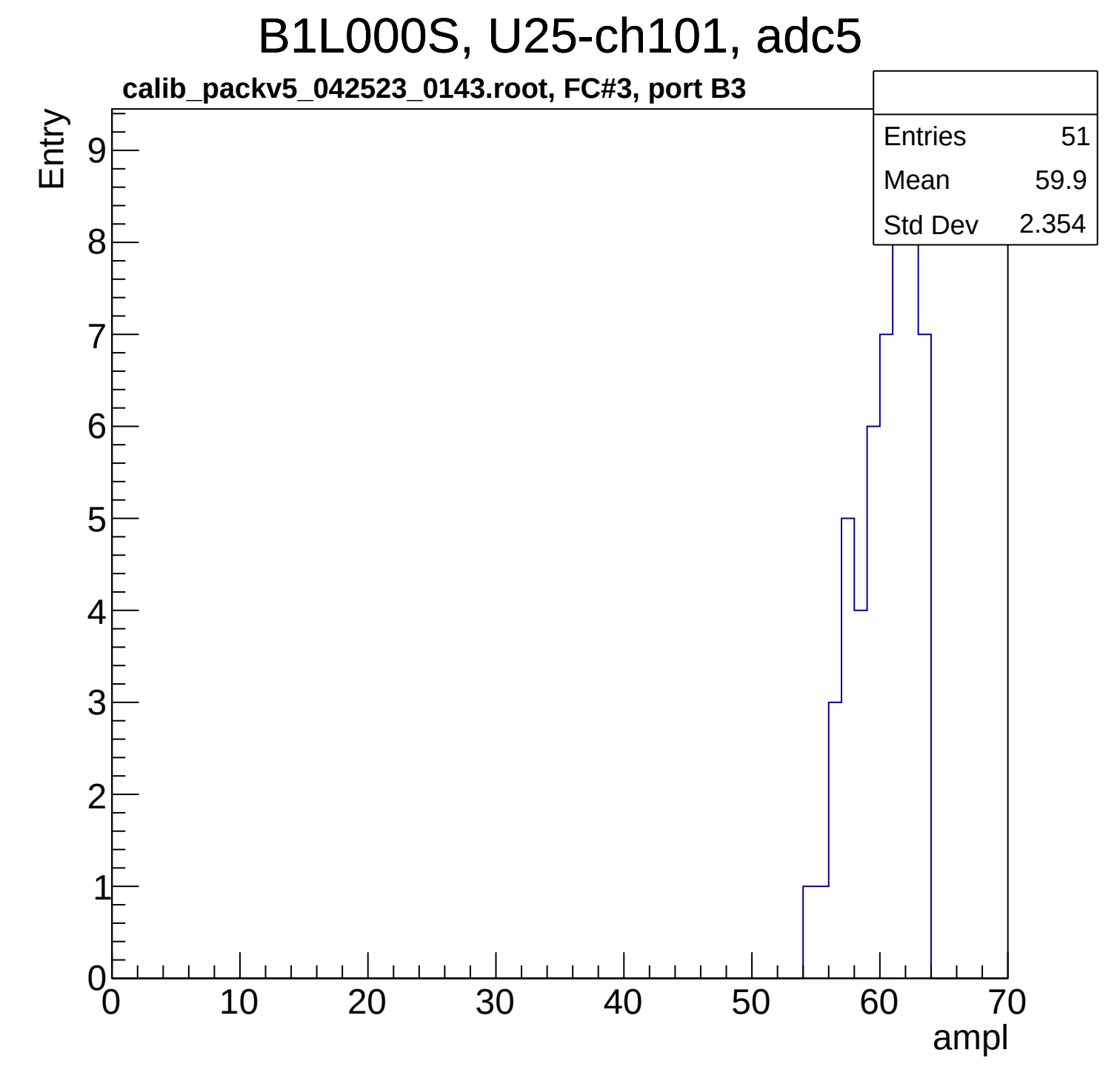
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch101, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 59.9
Std Dev 2.354
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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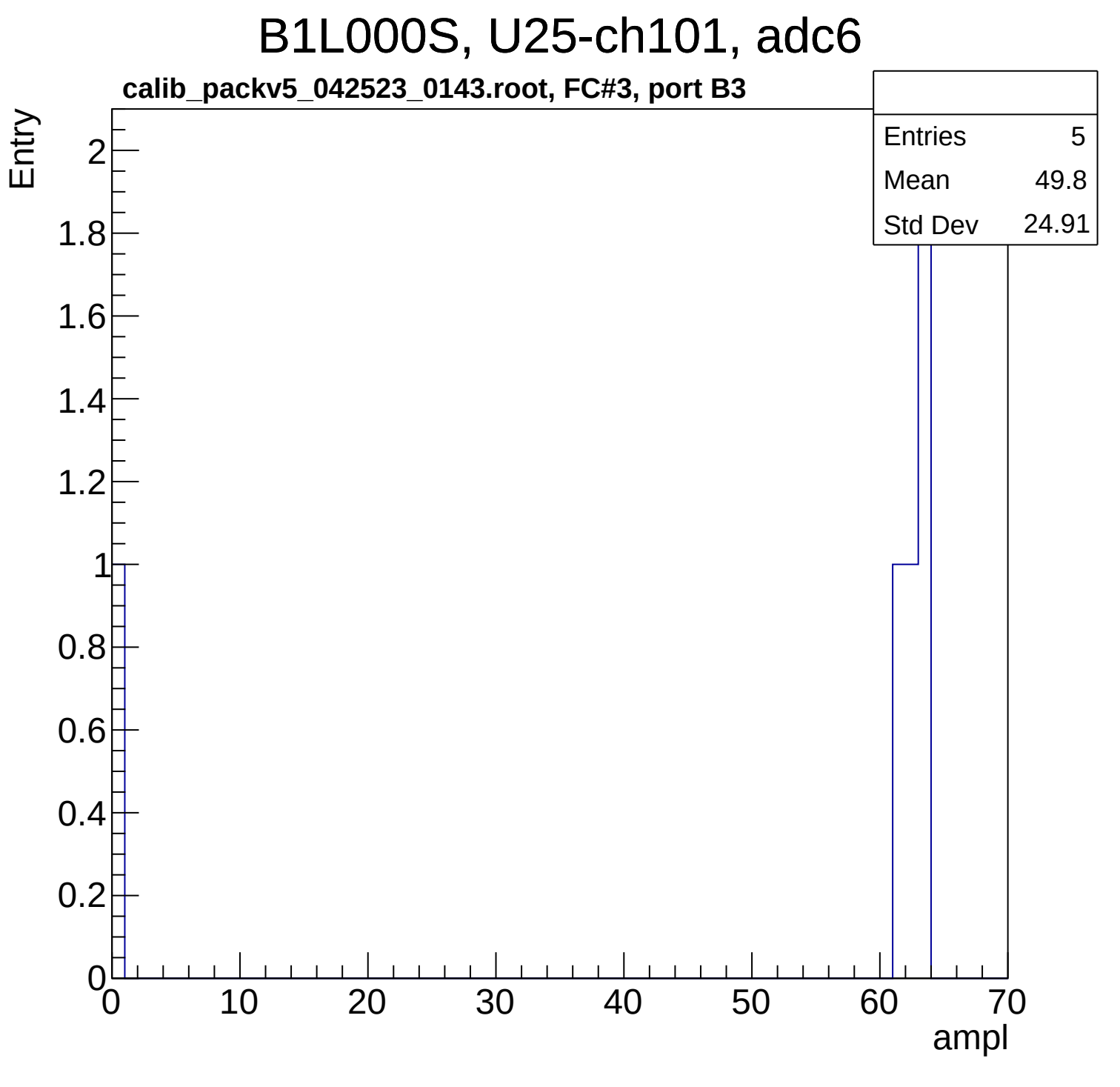
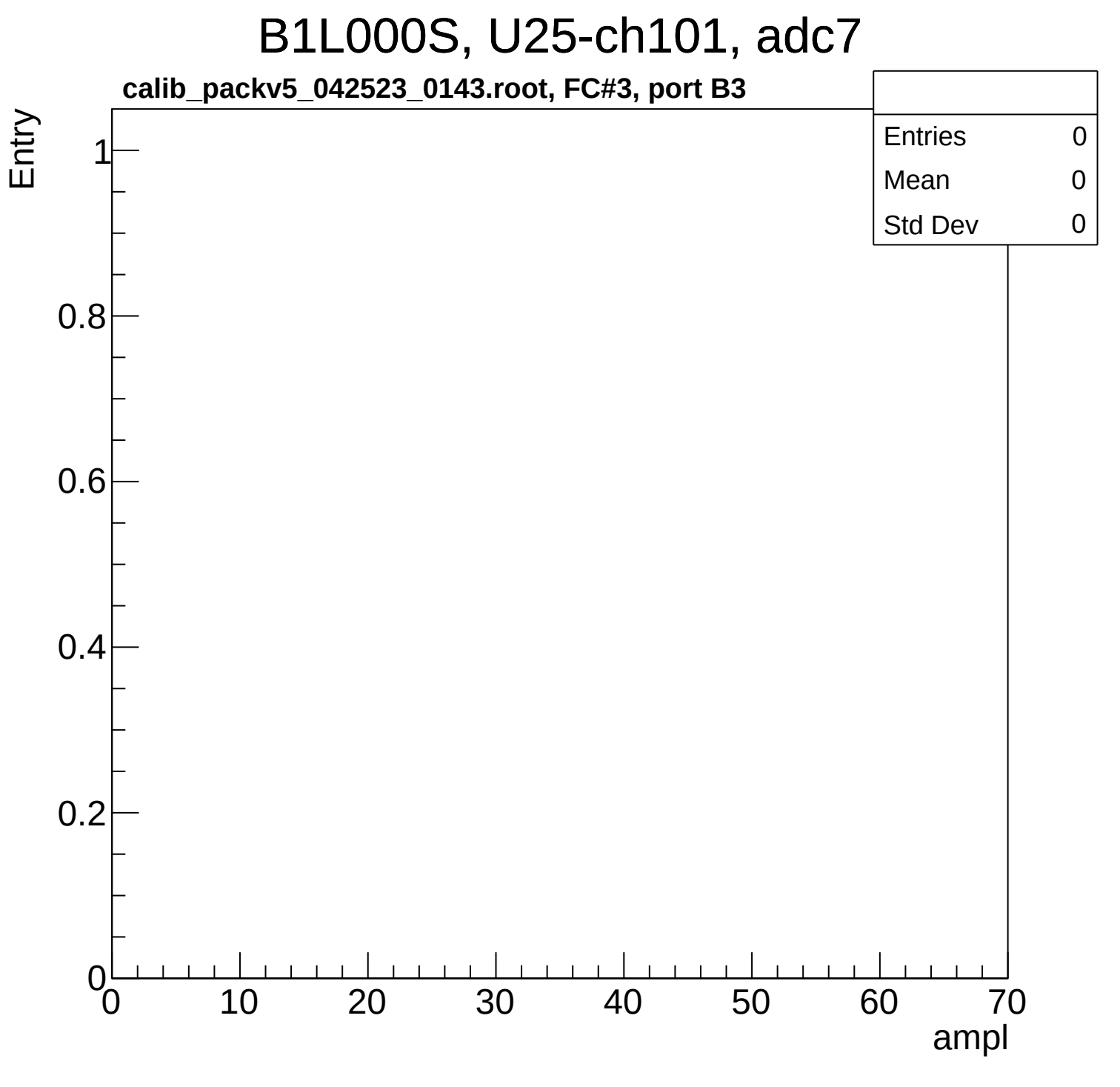
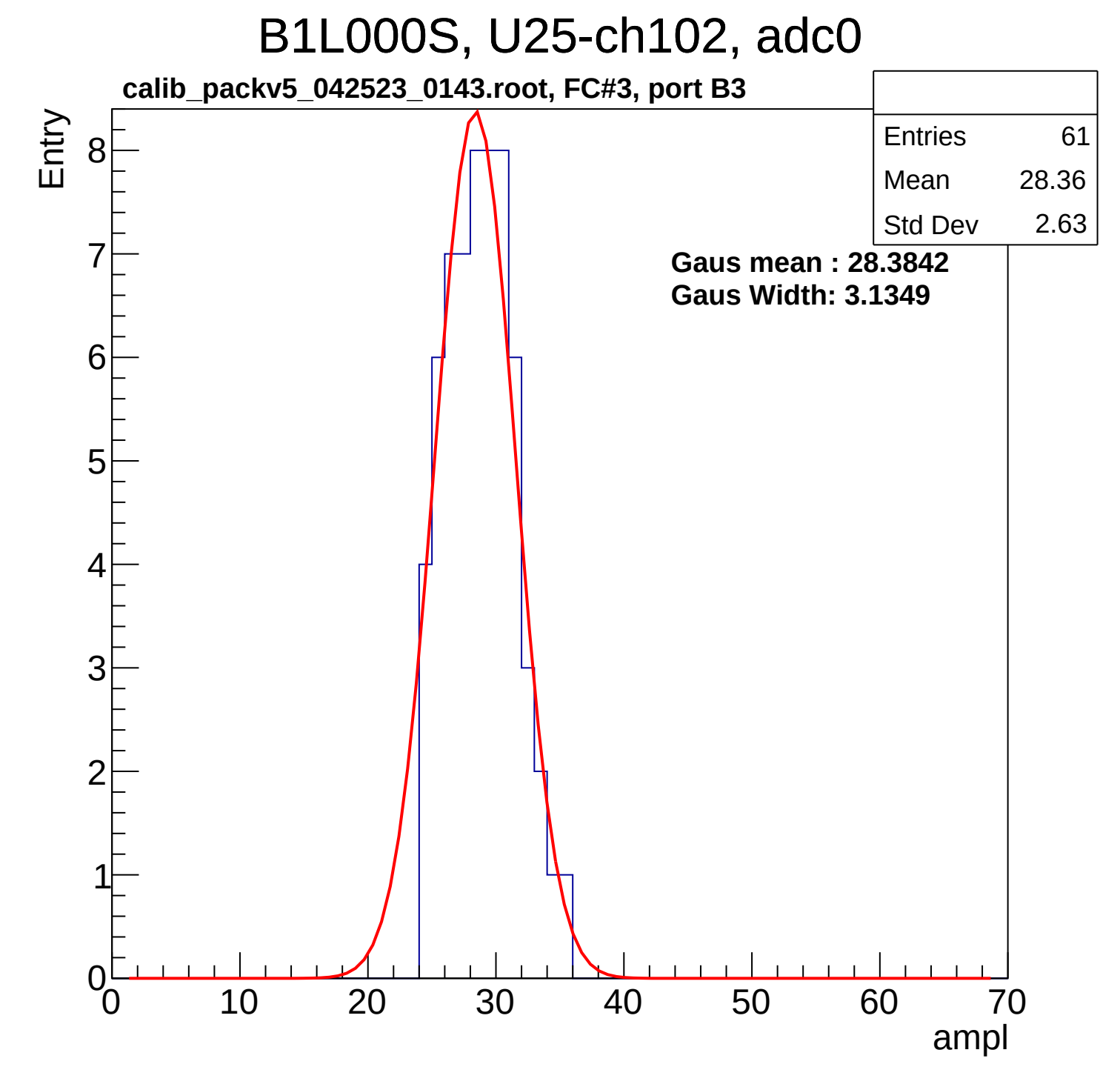
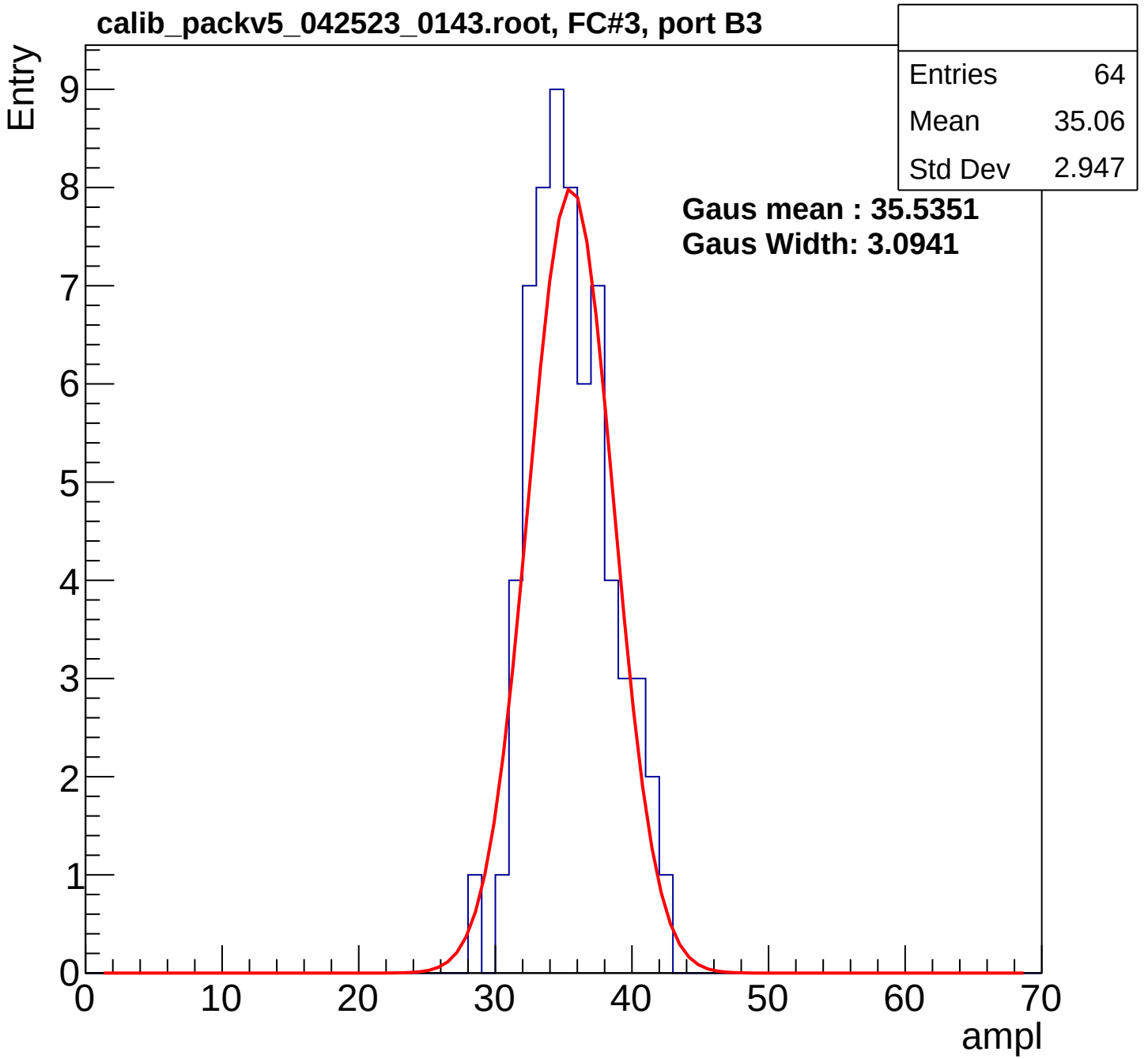
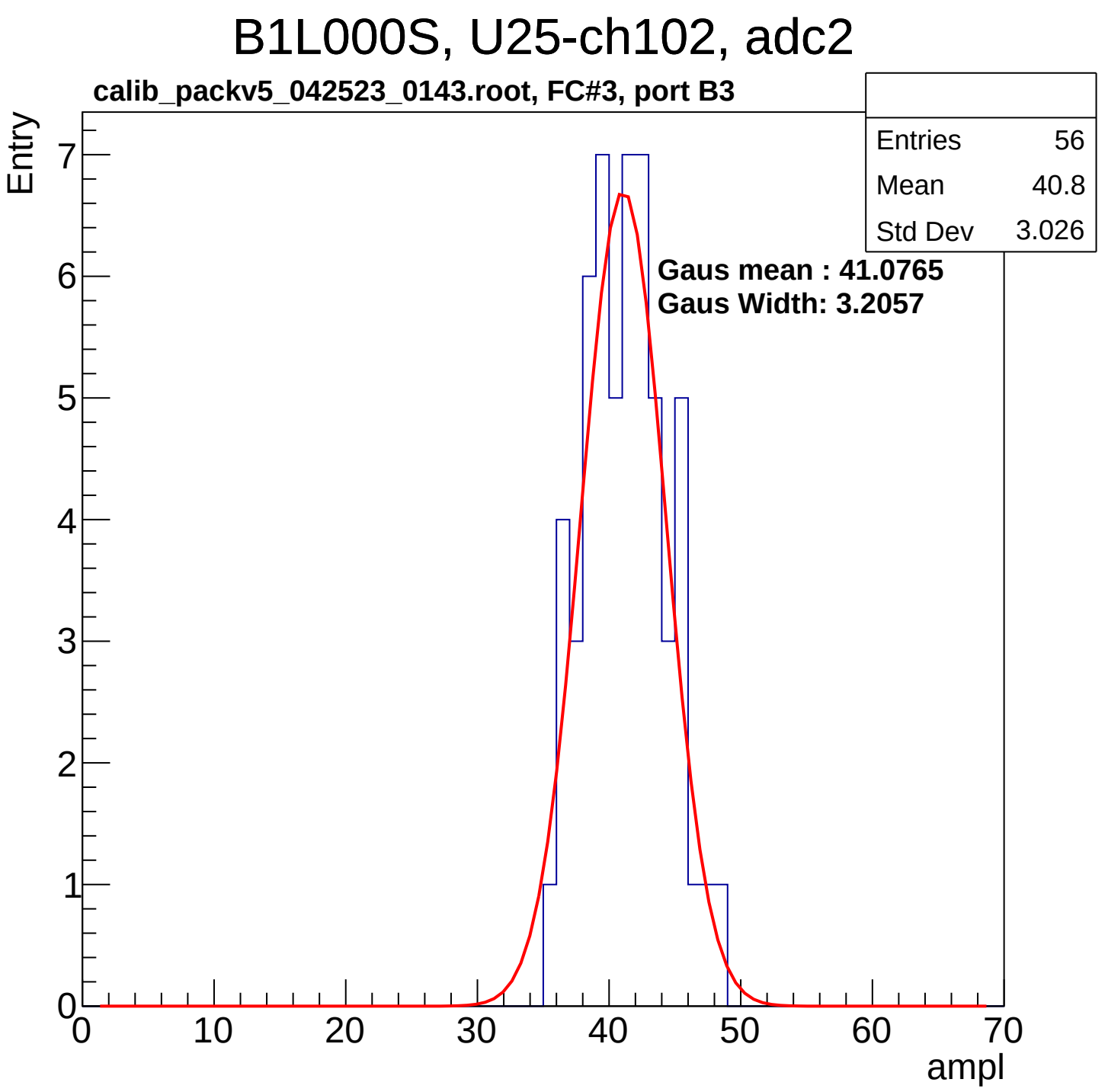

B1L000S, U25-ch101, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 5
Mean 49.8
Std Dev 24.91
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L000S, U25-ch101, 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, U25-ch102, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 28.36
Std Dev 2.63
Gaus mean : 28.3842
Gaus Width: 3.1349
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch102, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 35.06
Std Dev 2.947
Gaus mean : 35.5351
Gaus Width: 3.0941
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch102, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 40.8
Std Dev 3.026
Gaus mean : 41.0765
Gaus Width: 3.2057
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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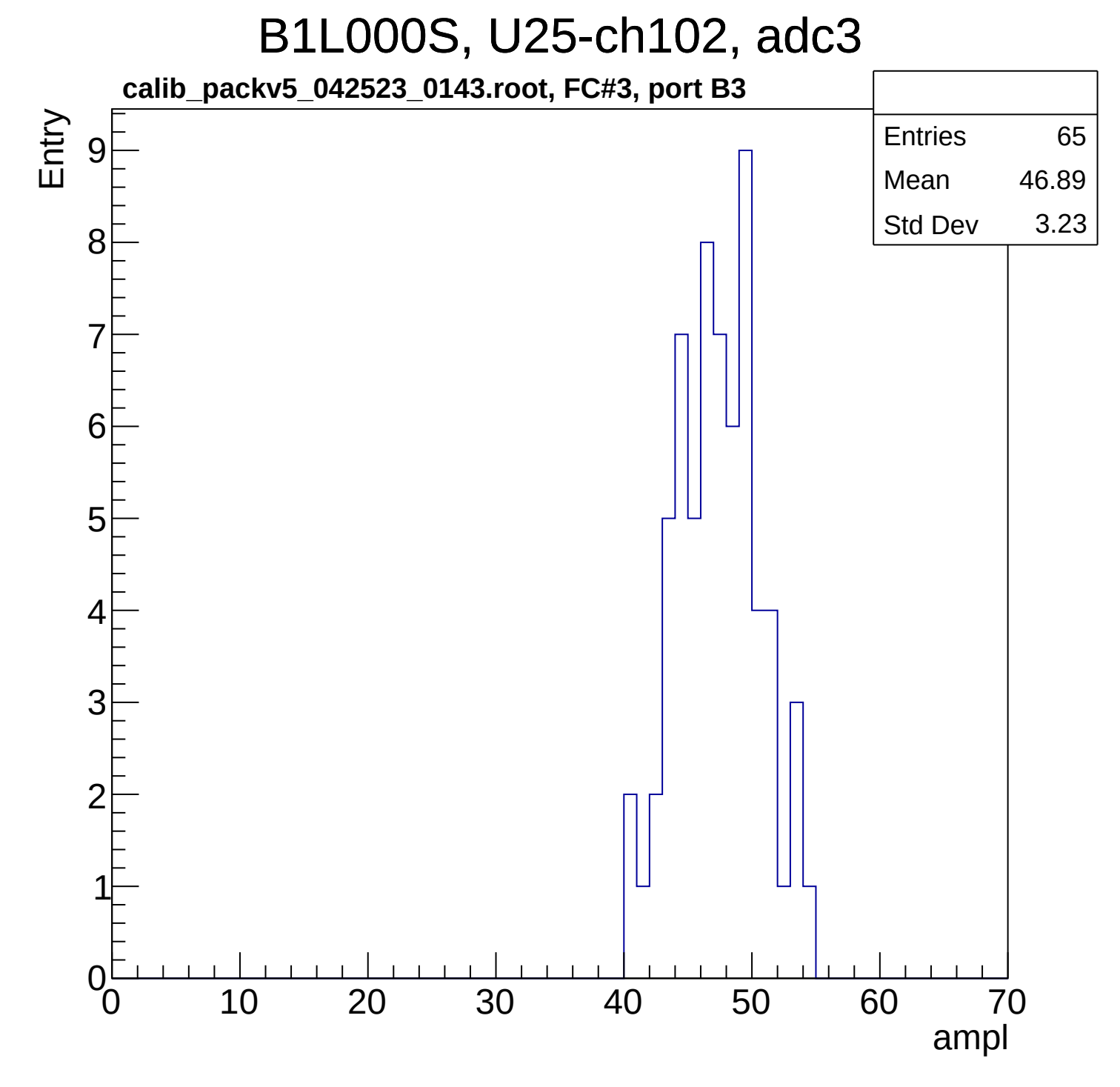
B1L000S, U25-ch102, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 46.89
Std Dev 3.23
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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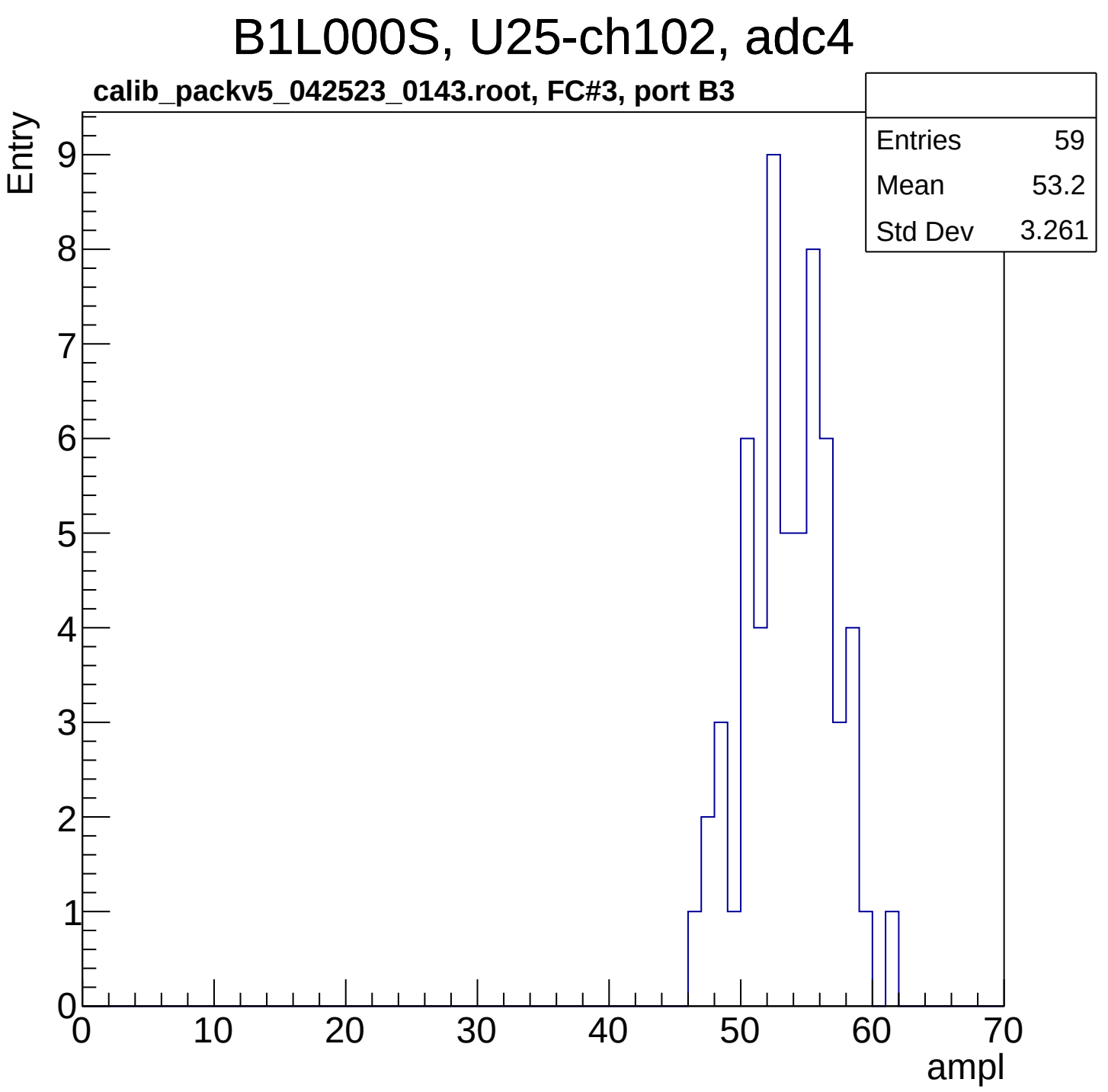
60
70


B1L000S, U25-ch102, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 53.2
Std Dev 3.261
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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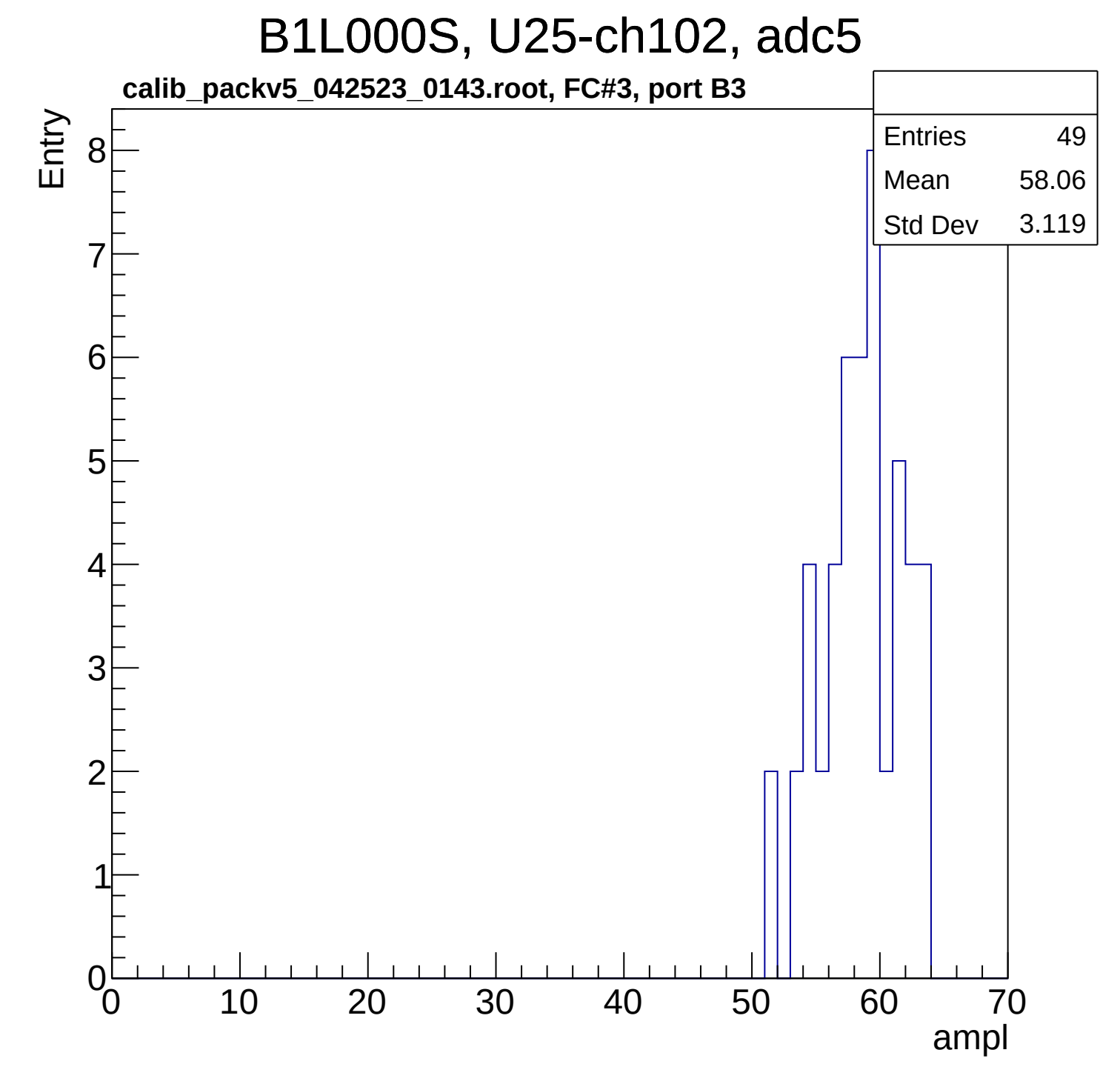
20
30
40
50
60
70


B1L000S, U25-ch102, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 58.06
Std Dev 3.119
Entry
ampl
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1
2
3
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7
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0
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20
30
40
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60
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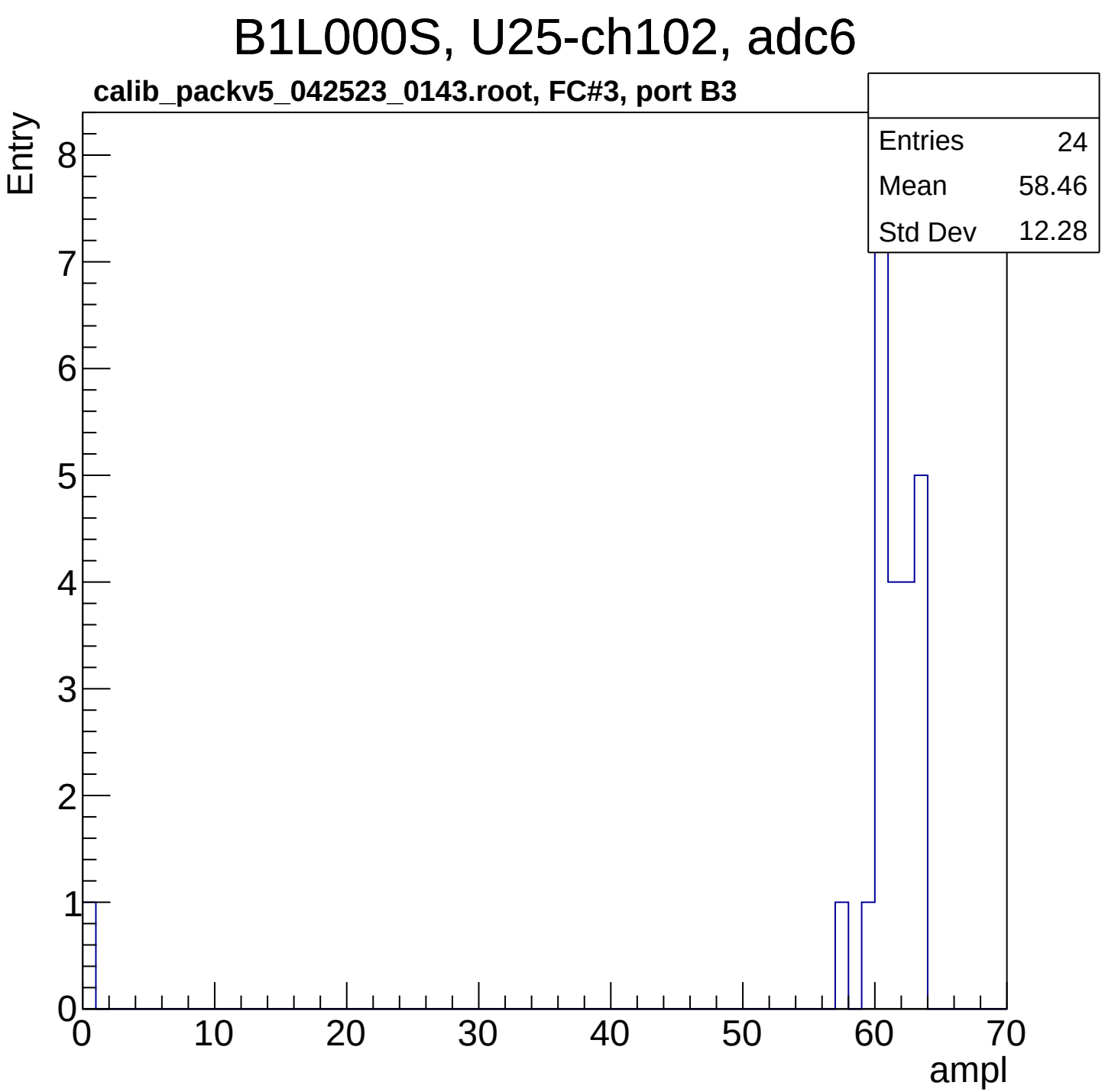
B1L000S, U25-ch102, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 24
Mean 58.46
Std Dev 12.28
Entry
ampl
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7
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0
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20
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40
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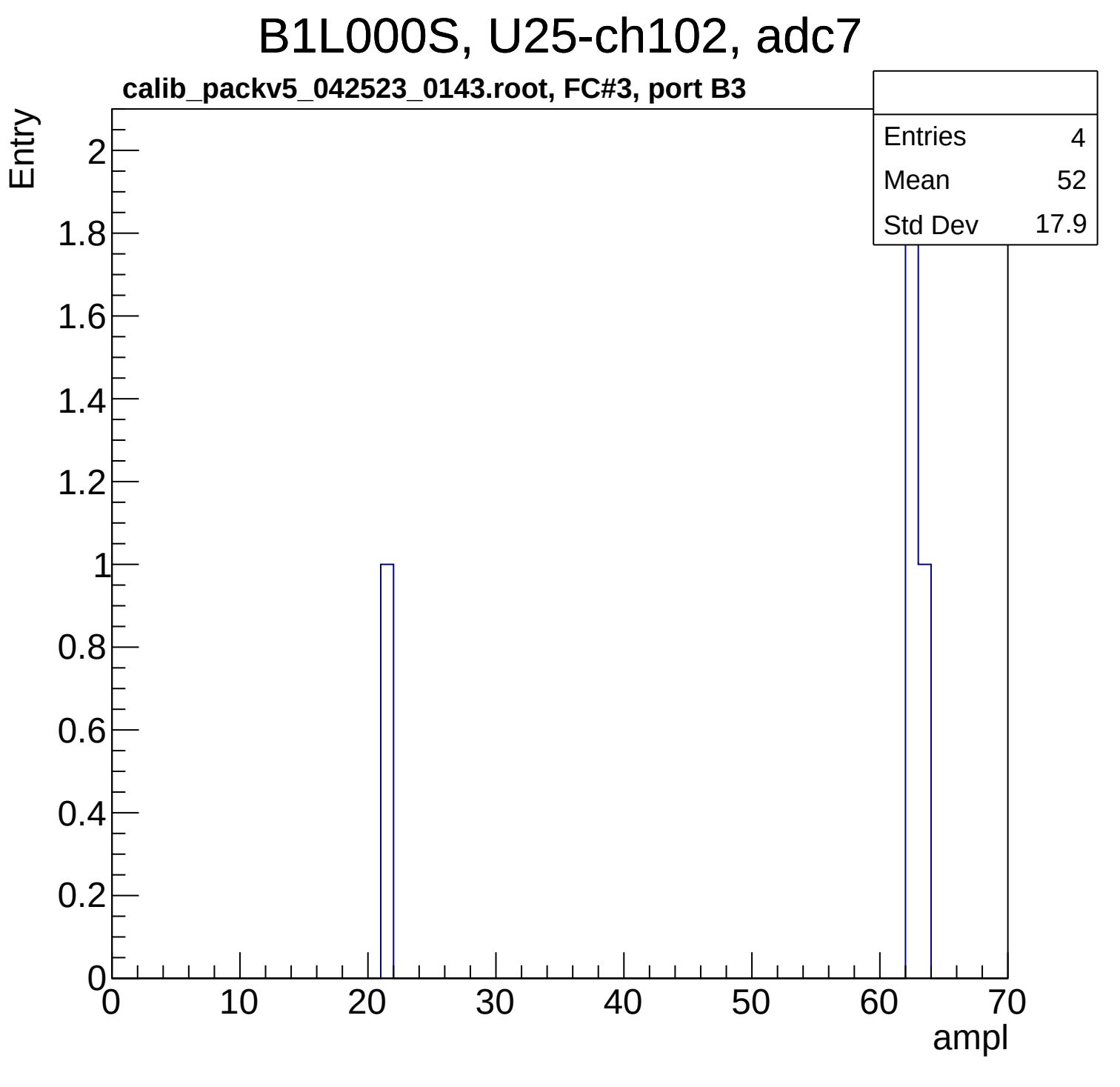
60
70


B1L000S, U25-ch102, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 52
Std Dev 17.9
Entry
ampl
0
0.2
0.4
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1.2
1.4
1.6
1.8
2
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60
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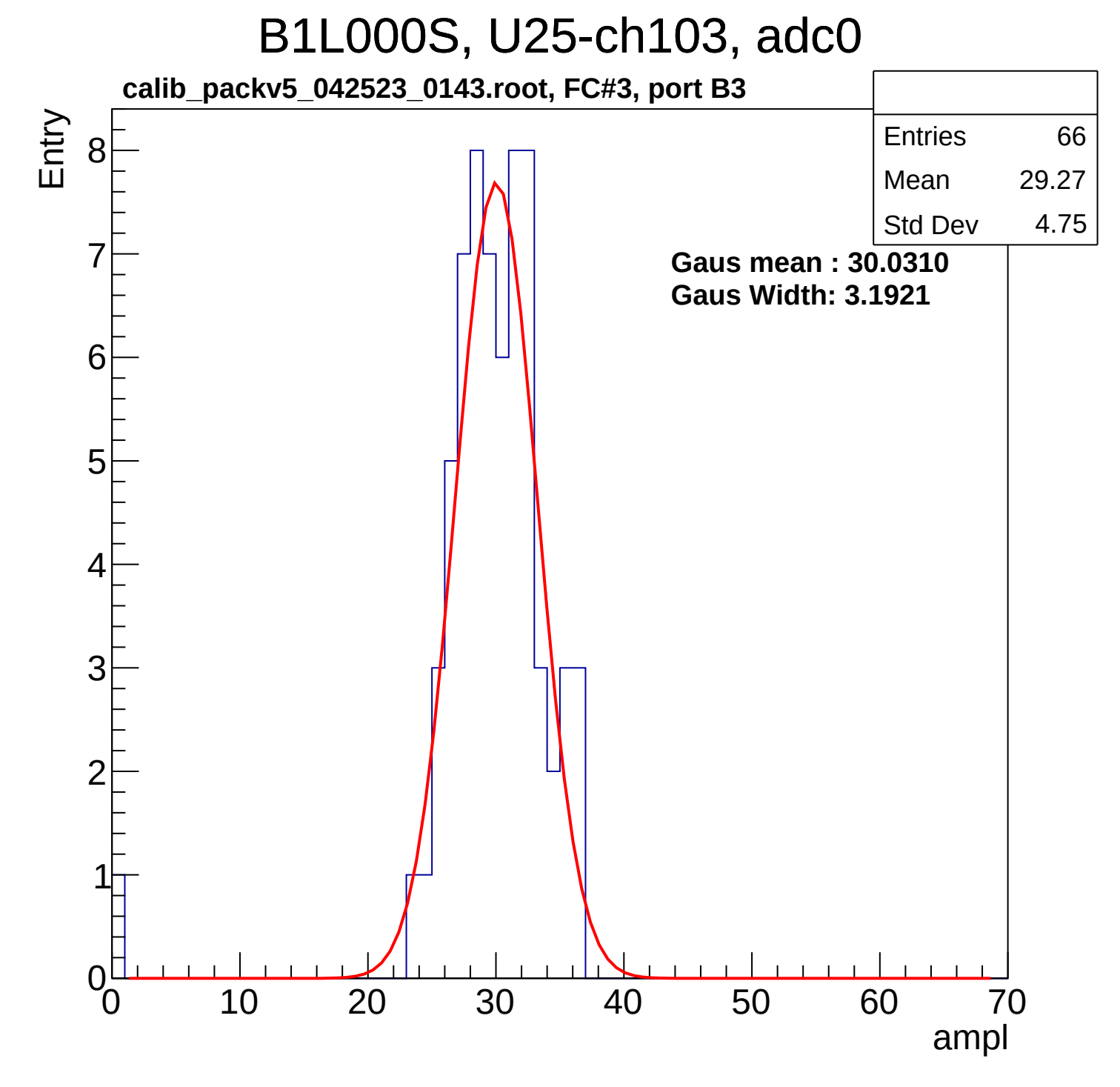
B1L000S, U25-ch103, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 29.27
Std Dev 4.75
Gaus mean : 30.0310
Gaus Width: 3.1921
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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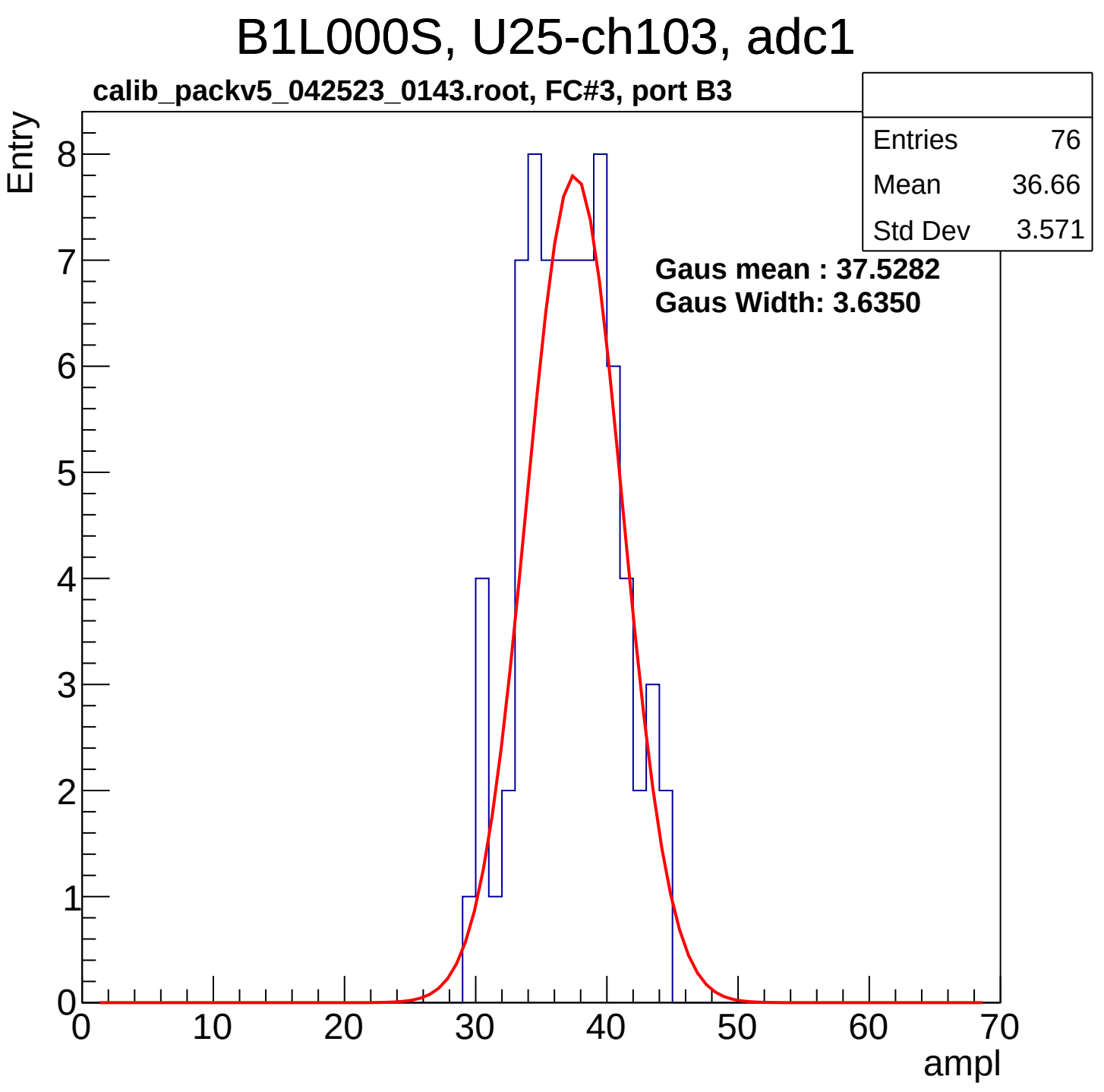
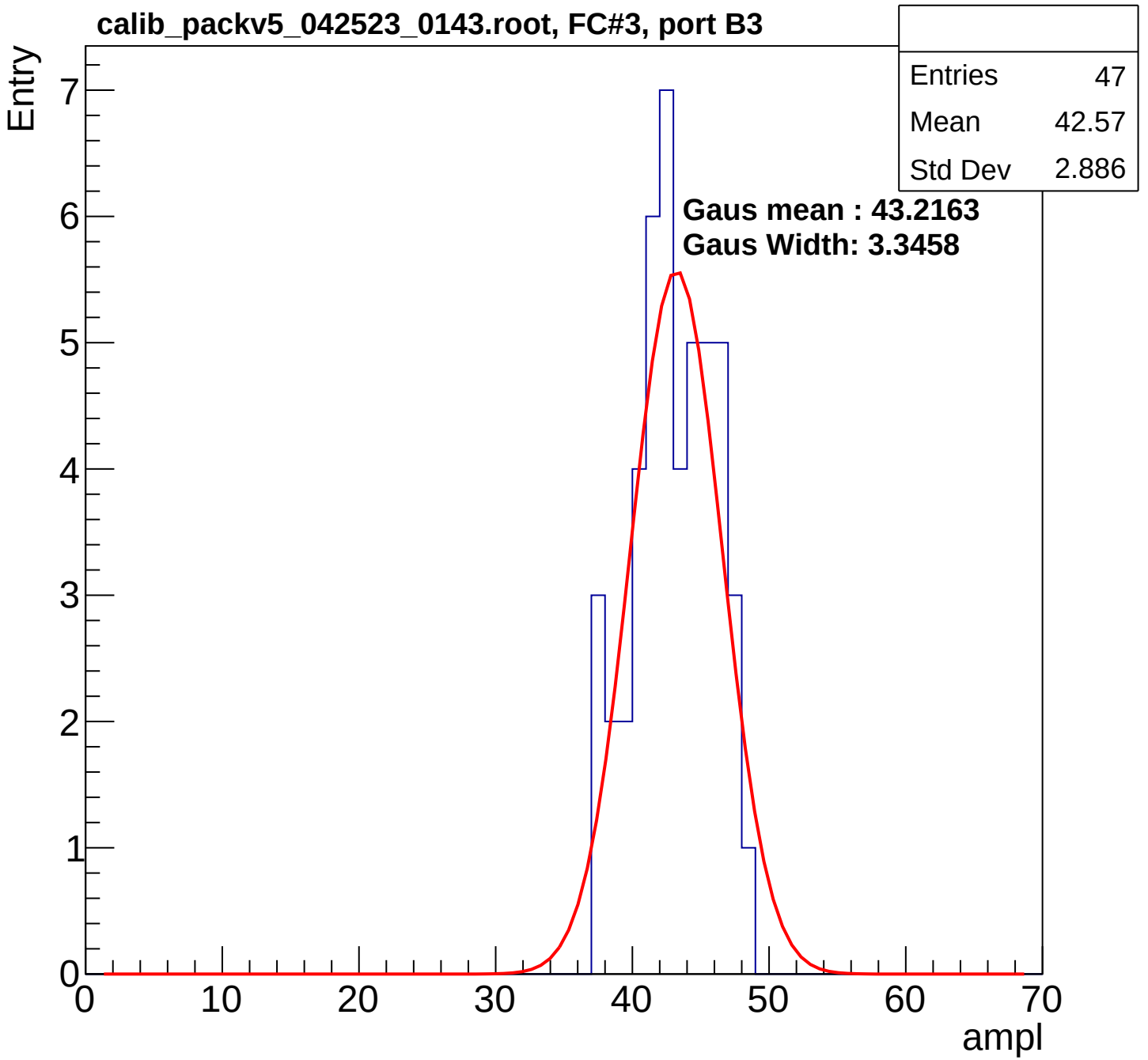

B1L000S, U25-ch103, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 76
Mean 36.66
Std Dev 3.571
Gaus mean : 37.5282
Gaus Width: 3.6350
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch103, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 42.57
Std Dev 2.886
Gaus mean : 43.2163
Gaus Width: 3.3458
Entry
ampl
0
1
2
3
4
5
6
7
0
10
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30
40
50
60
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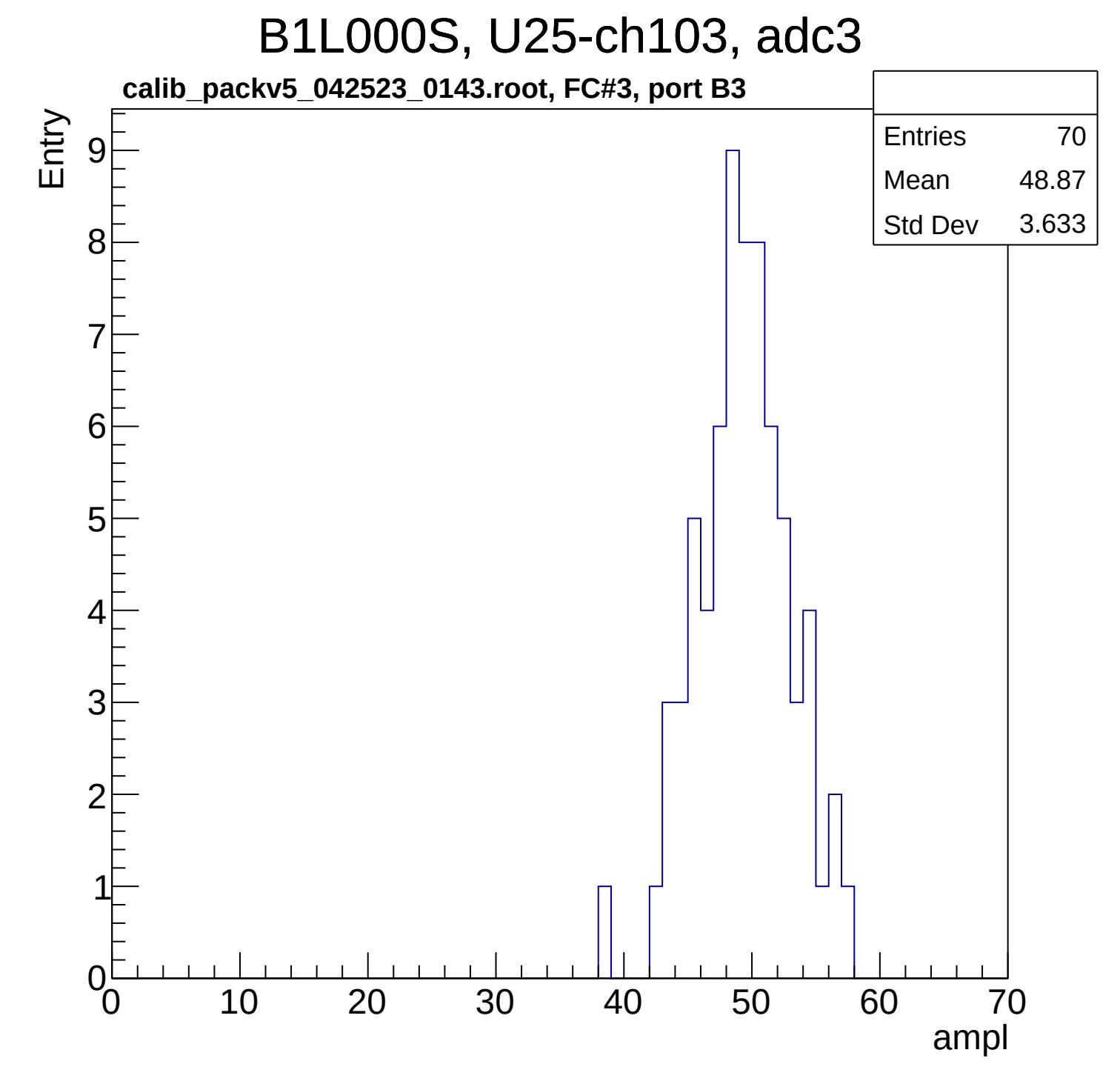
B1L000S, U25-ch103, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 48.87
Std Dev 3.633
Entry
ampl
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2
3
4
5
6
7
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9
0
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20
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60
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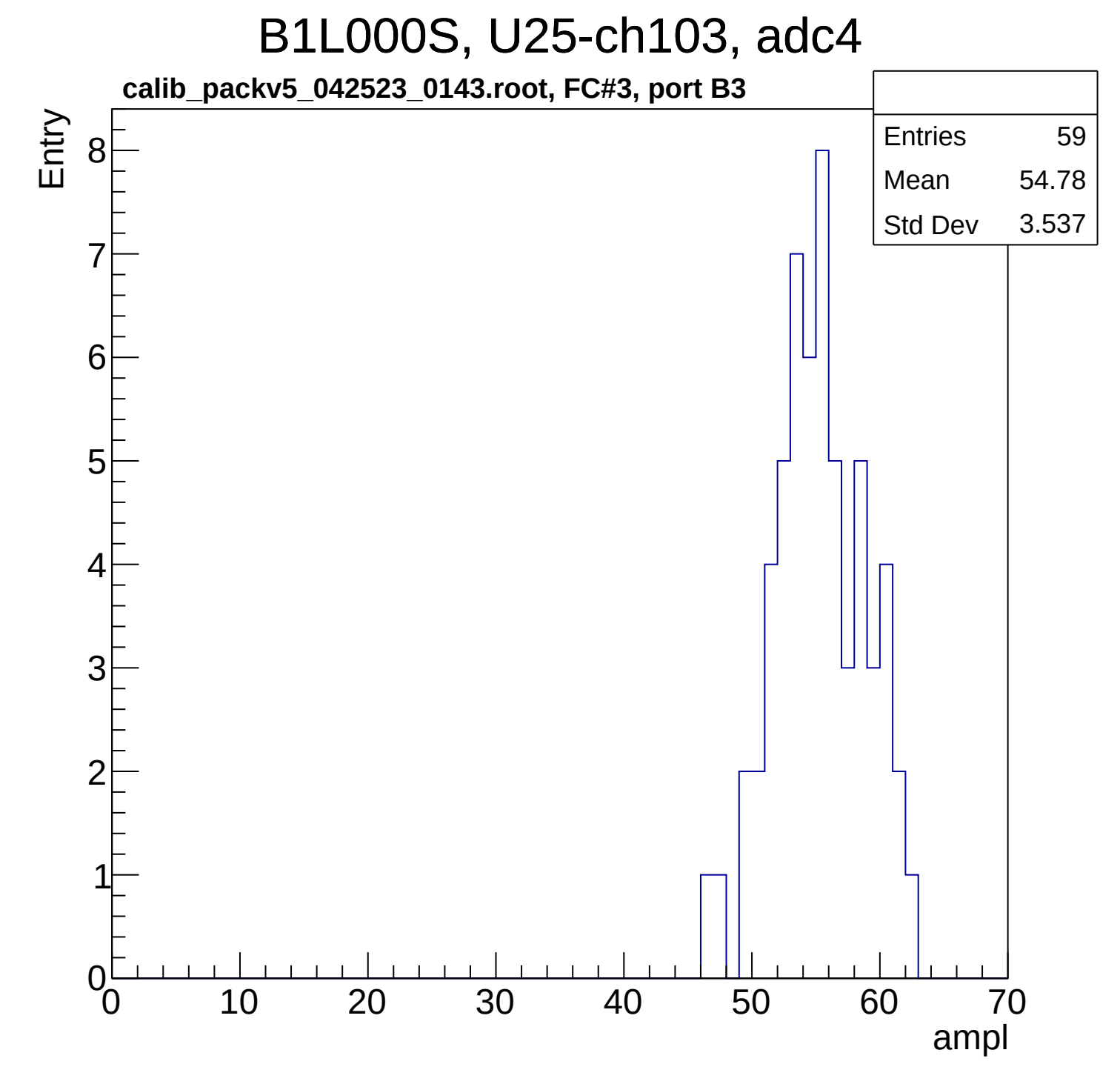
B1L000S, U25-ch103, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 54.78
Std Dev 3.537
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
30
40
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60
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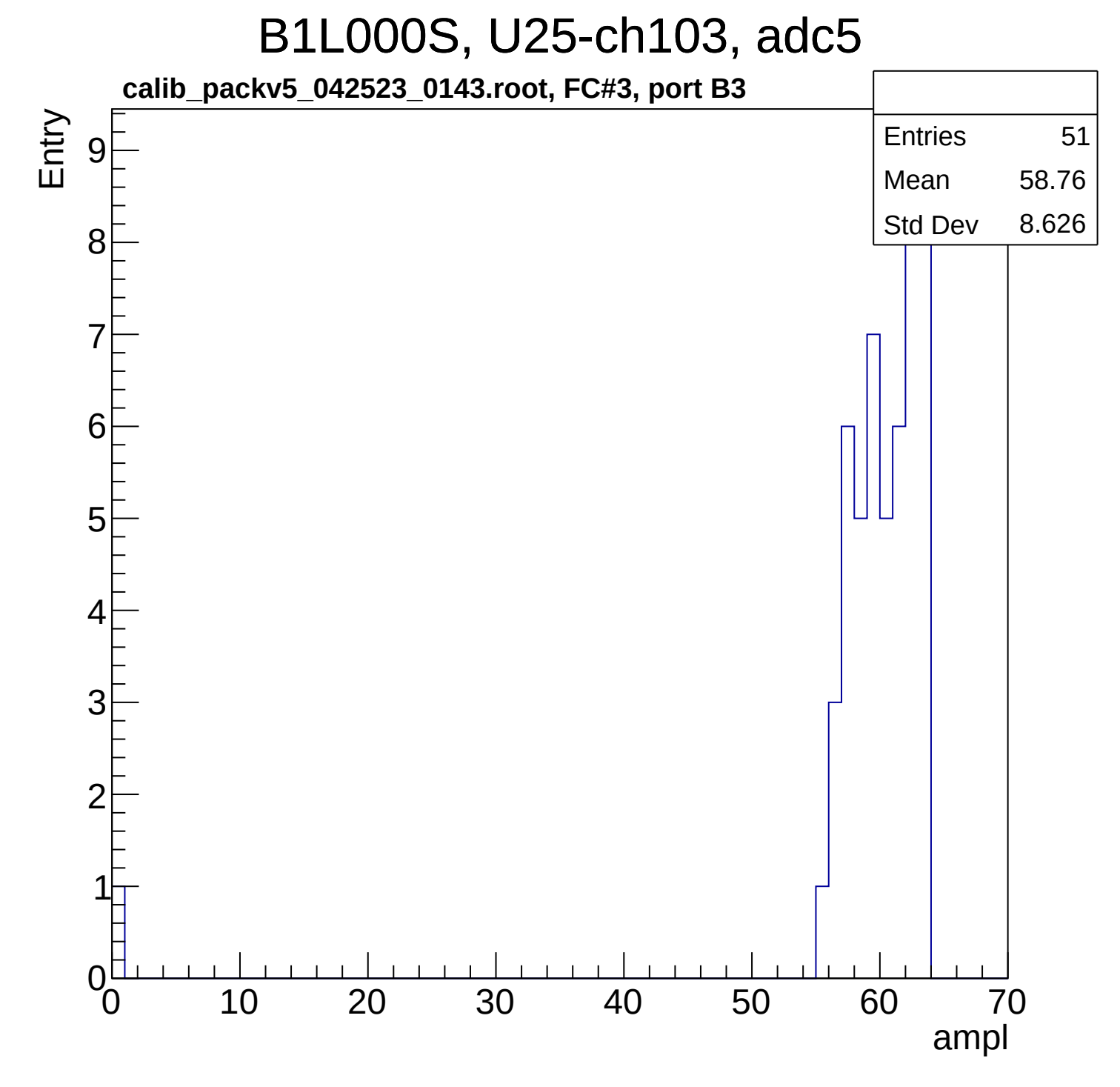
B1L000S, U25-ch103, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 58.76
Std Dev 8.626
Entry
ampl
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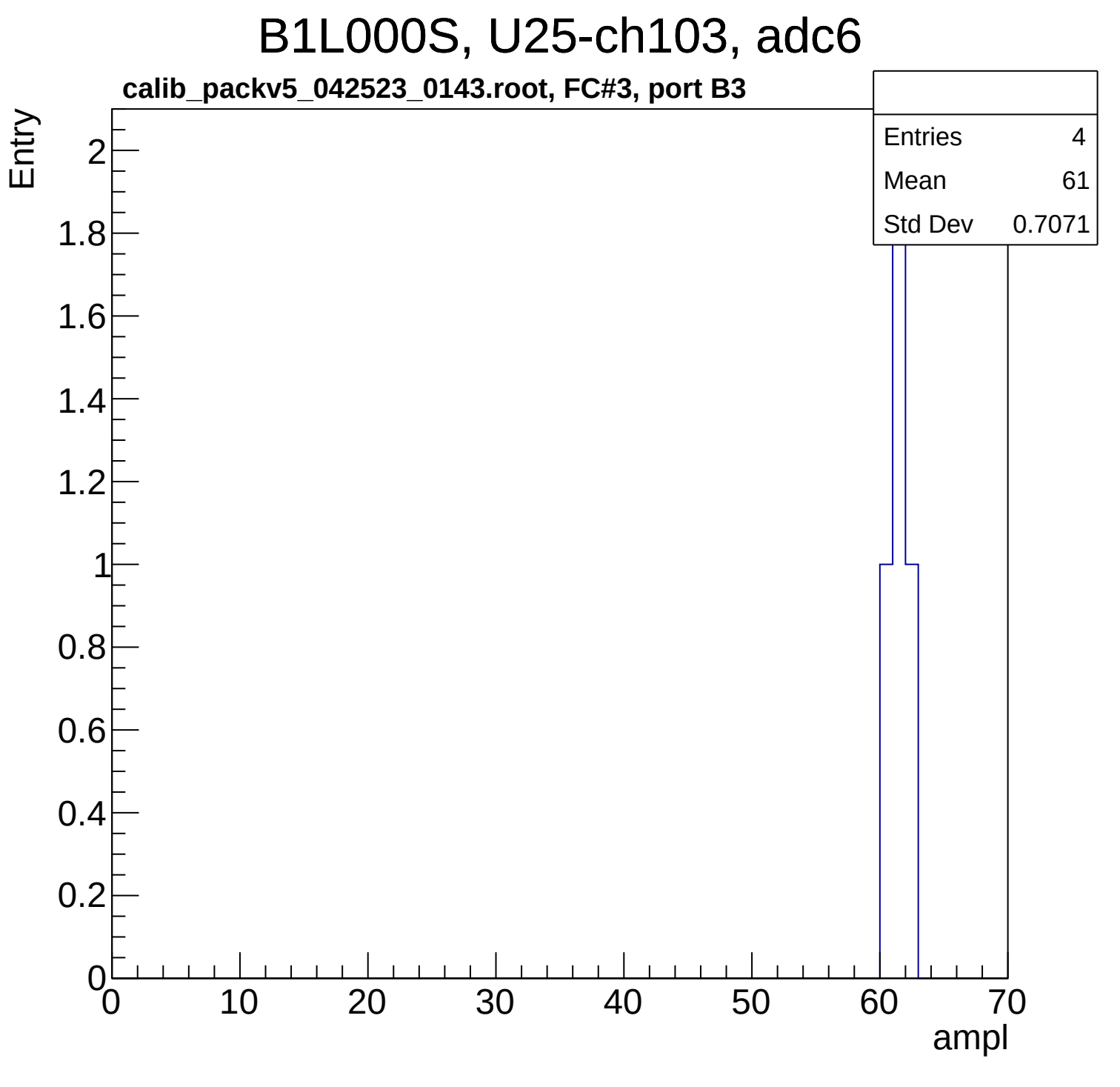
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch103, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 61
Std Dev 0.7071
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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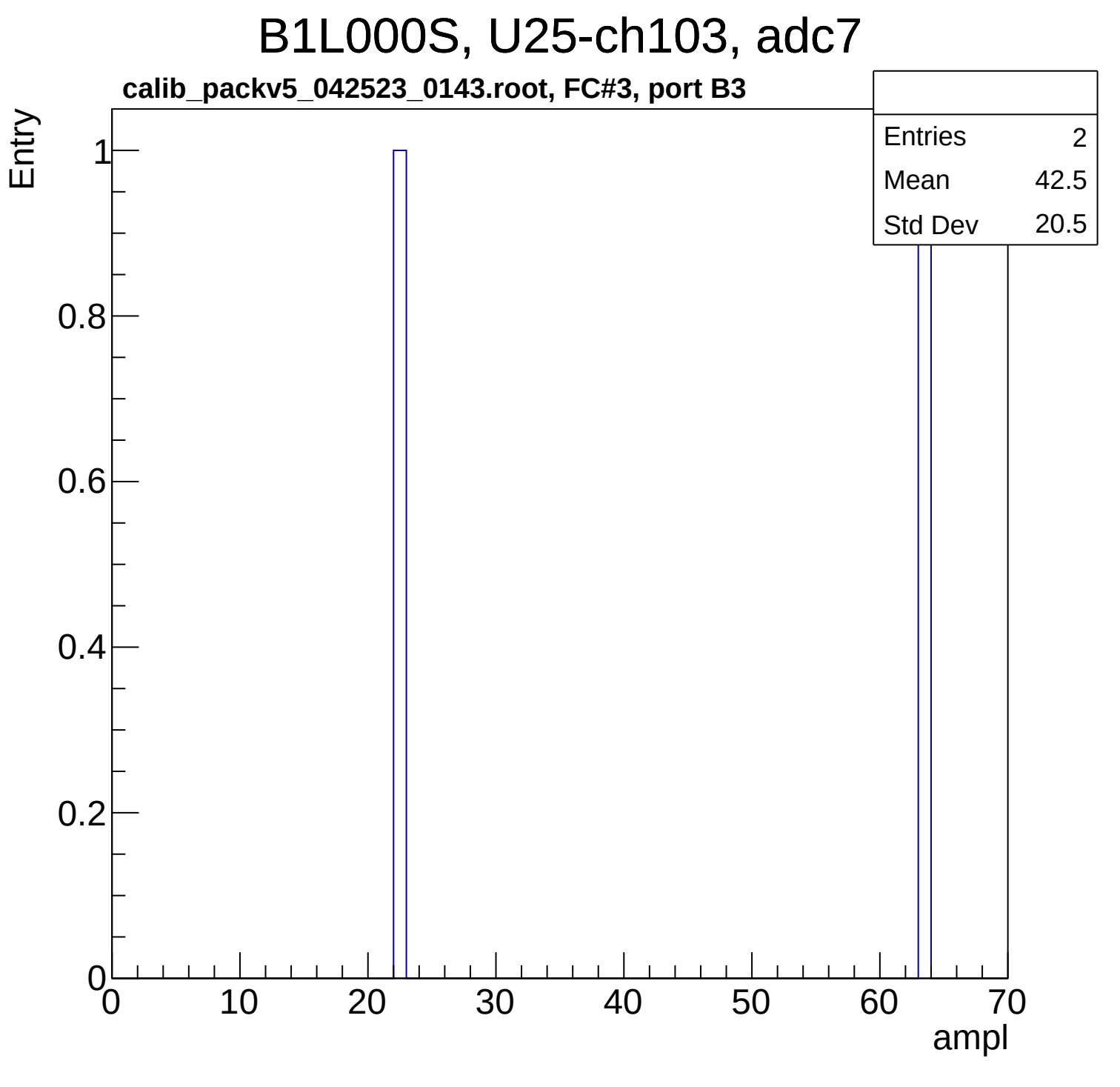
B1L000S, U25-ch103, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 42.5
Std Dev 20.5
Entry
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0.6
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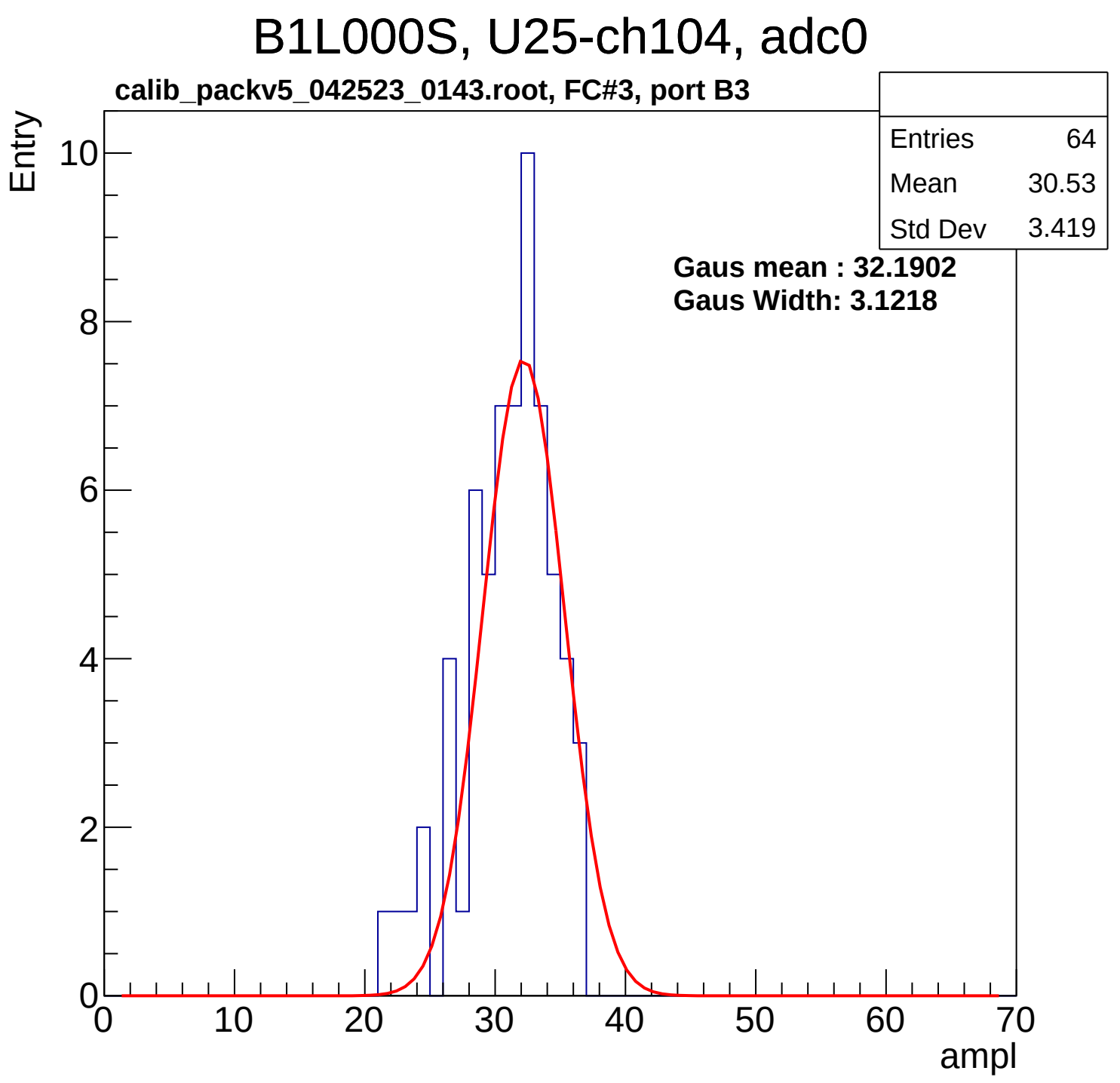
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch104, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 30.53
Std Dev 3.419
Gaus mean : 32.1902
Gaus Width: 3.1218
Entry
ampl
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4
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8
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0
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20
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60
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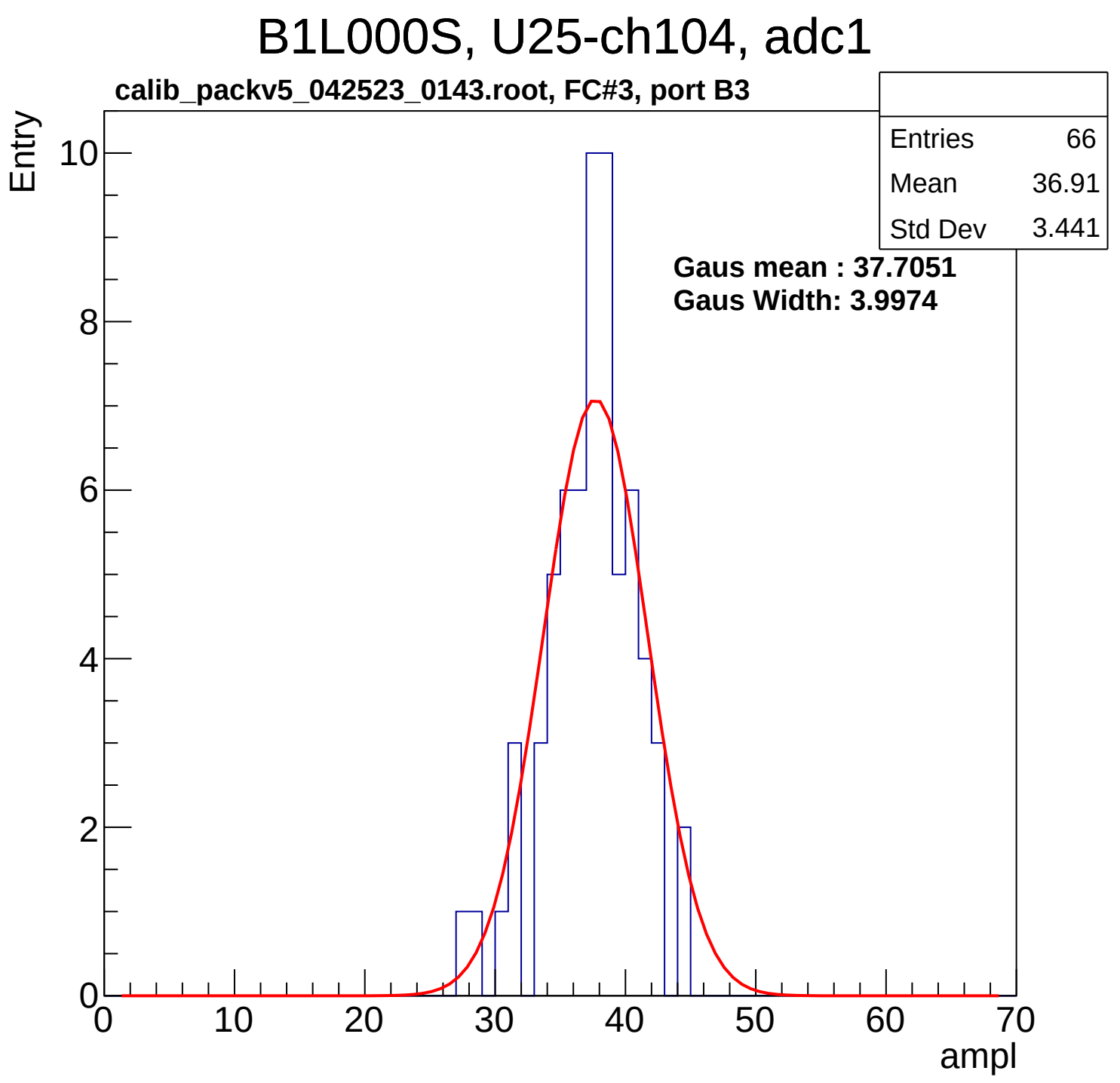
B1L000S, U25-ch104, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 36.91
Std Dev 3.441
Gaus mean : 37.7051
Gaus Width: 3.9974
Entry
ampl
0
2
4
6
8
10
0
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20
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40
50
60
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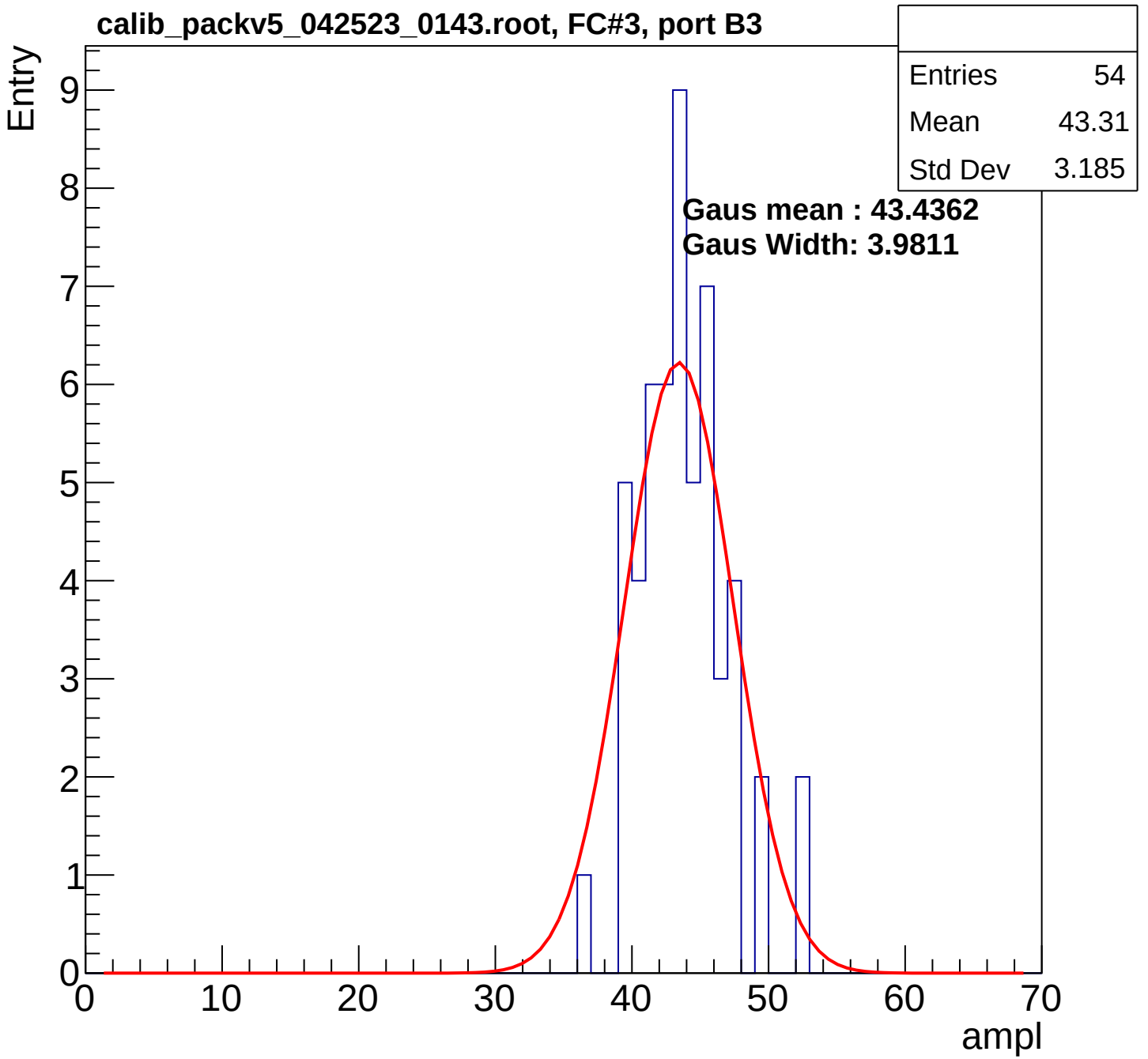
B1L000S, U25-ch104, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 43.31
Std Dev 3.185
Gaus mean : 43.4362
Gaus Width: 3.9811
Entry
ampl
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2
3
4
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6
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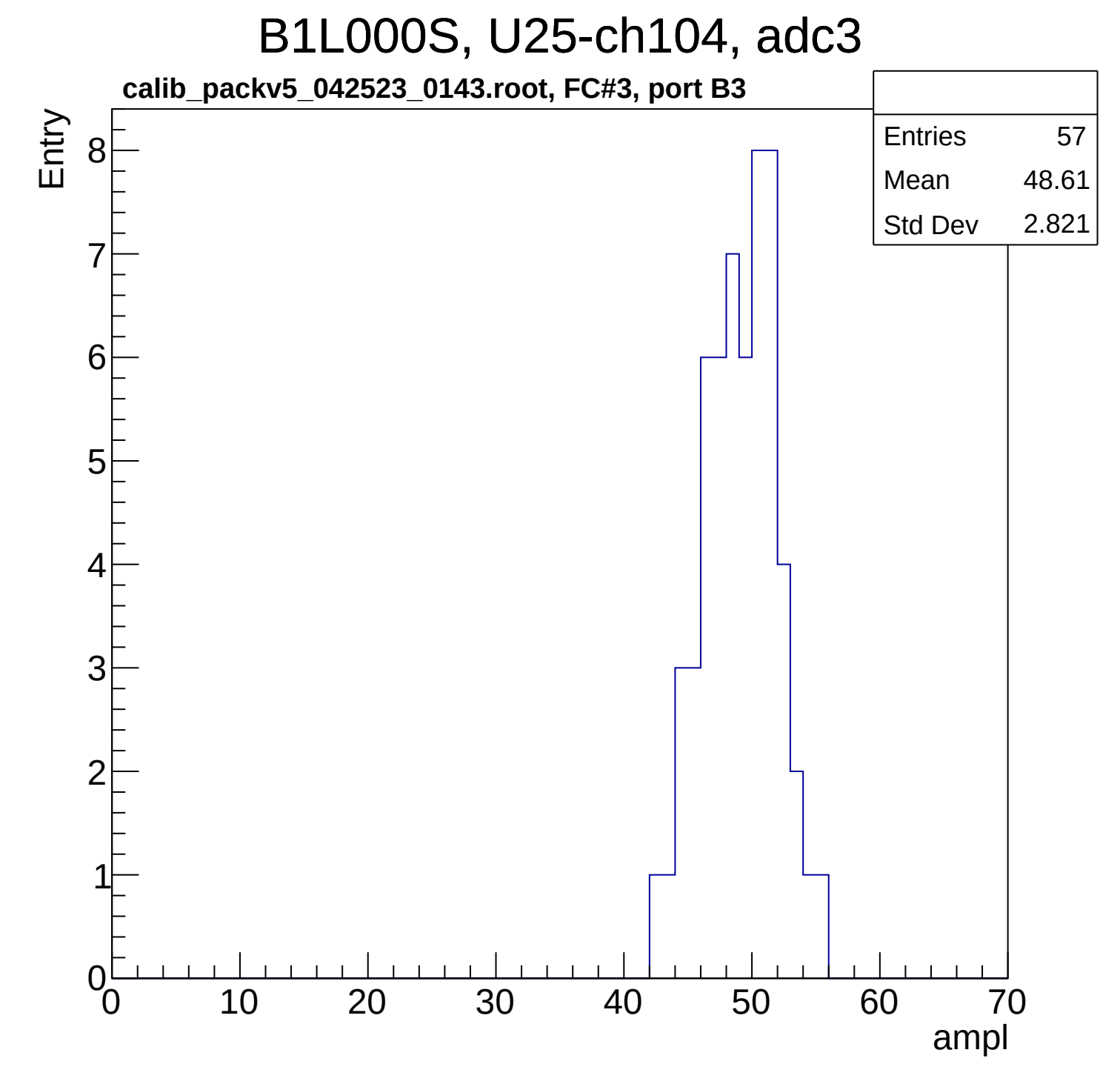
B1L000S, U25-ch104, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 48.61
Std Dev 2.821
Entry
ampl
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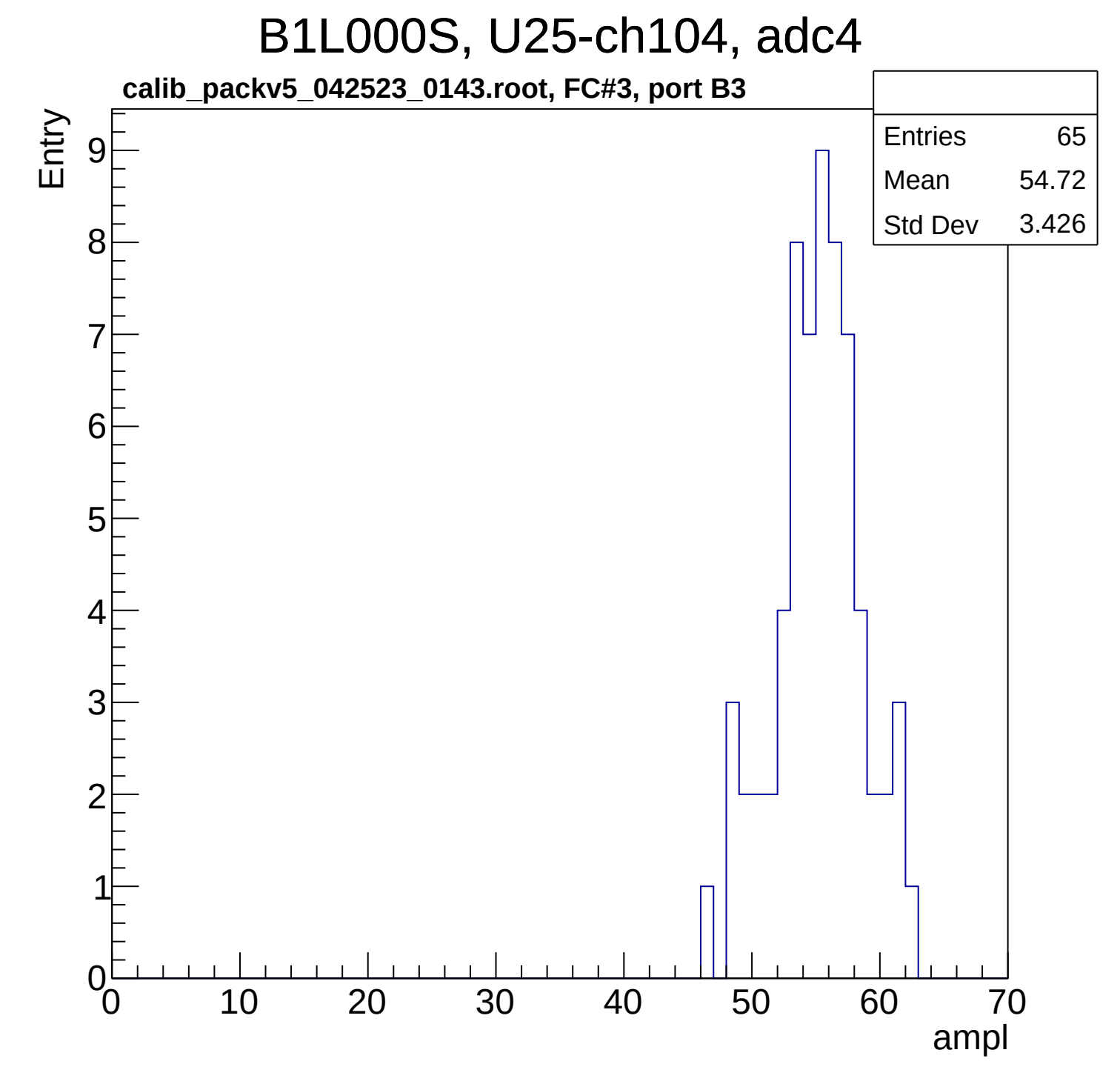
B1L000S, U25-ch104, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 54.72
Std Dev 3.426
Entry
ampl
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0
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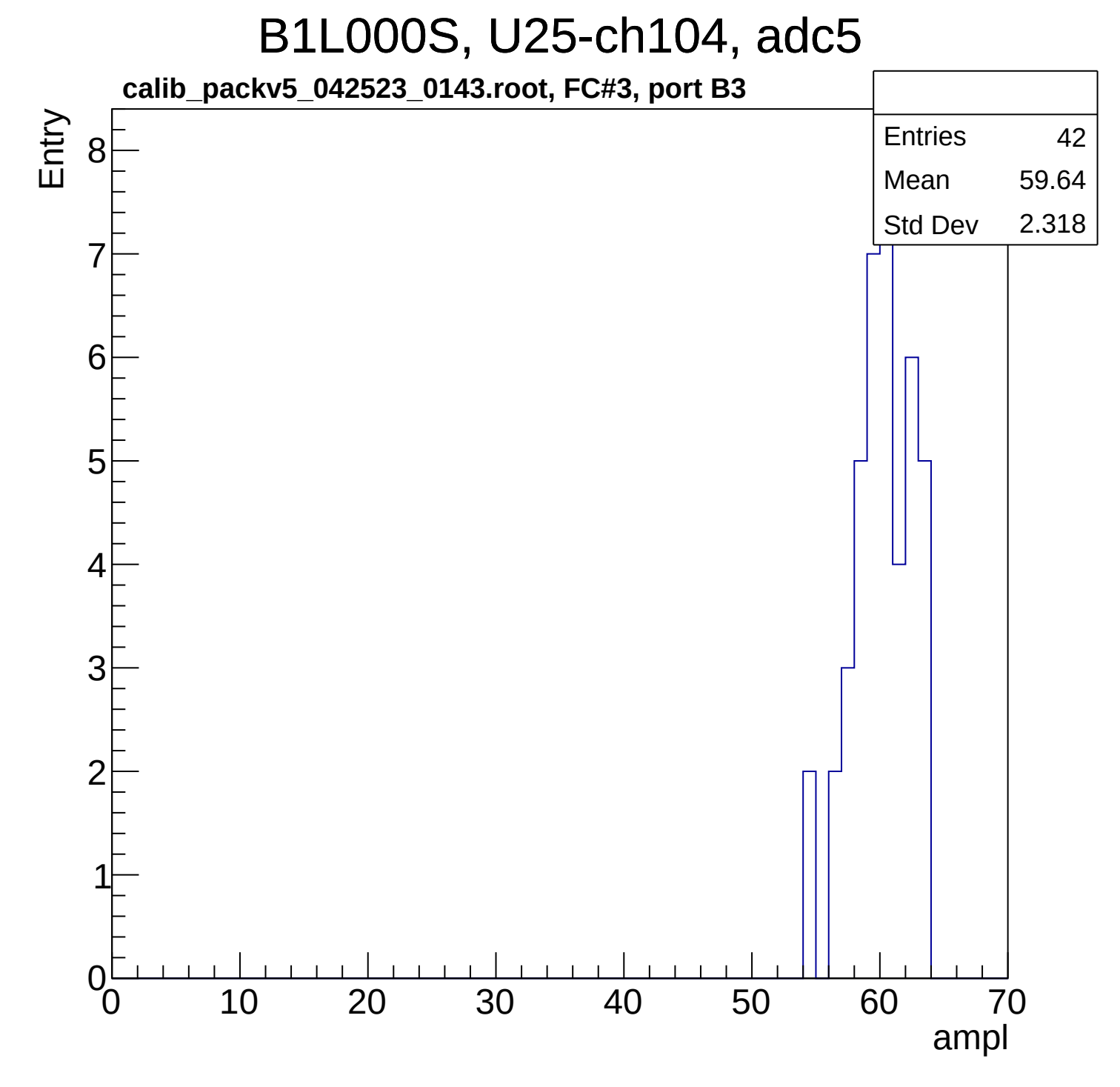
B1L000S, U25-ch104, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 59.64
Std Dev 2.318
Entry
ampl
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1
2
3
4
5
6
7
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0
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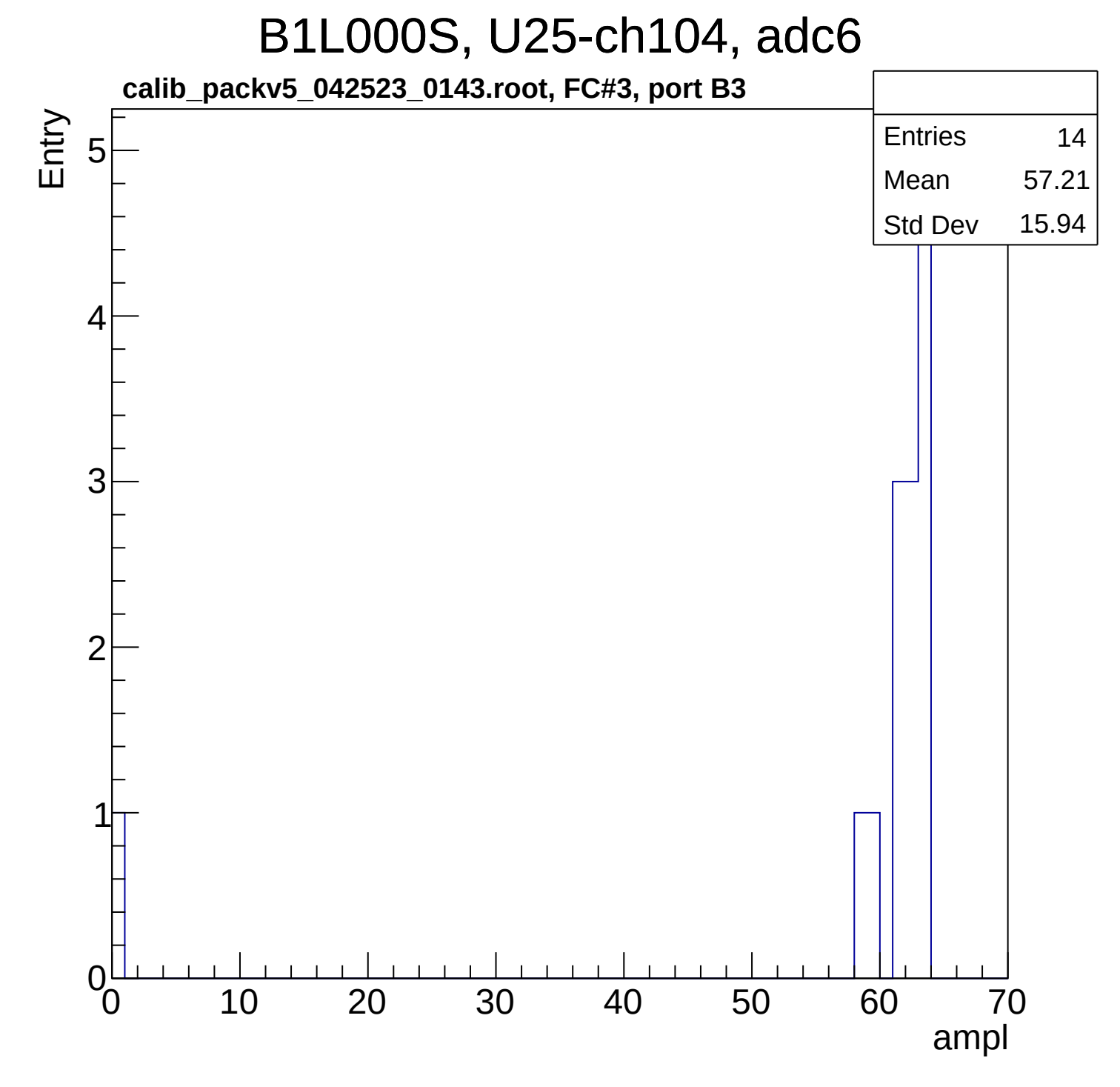
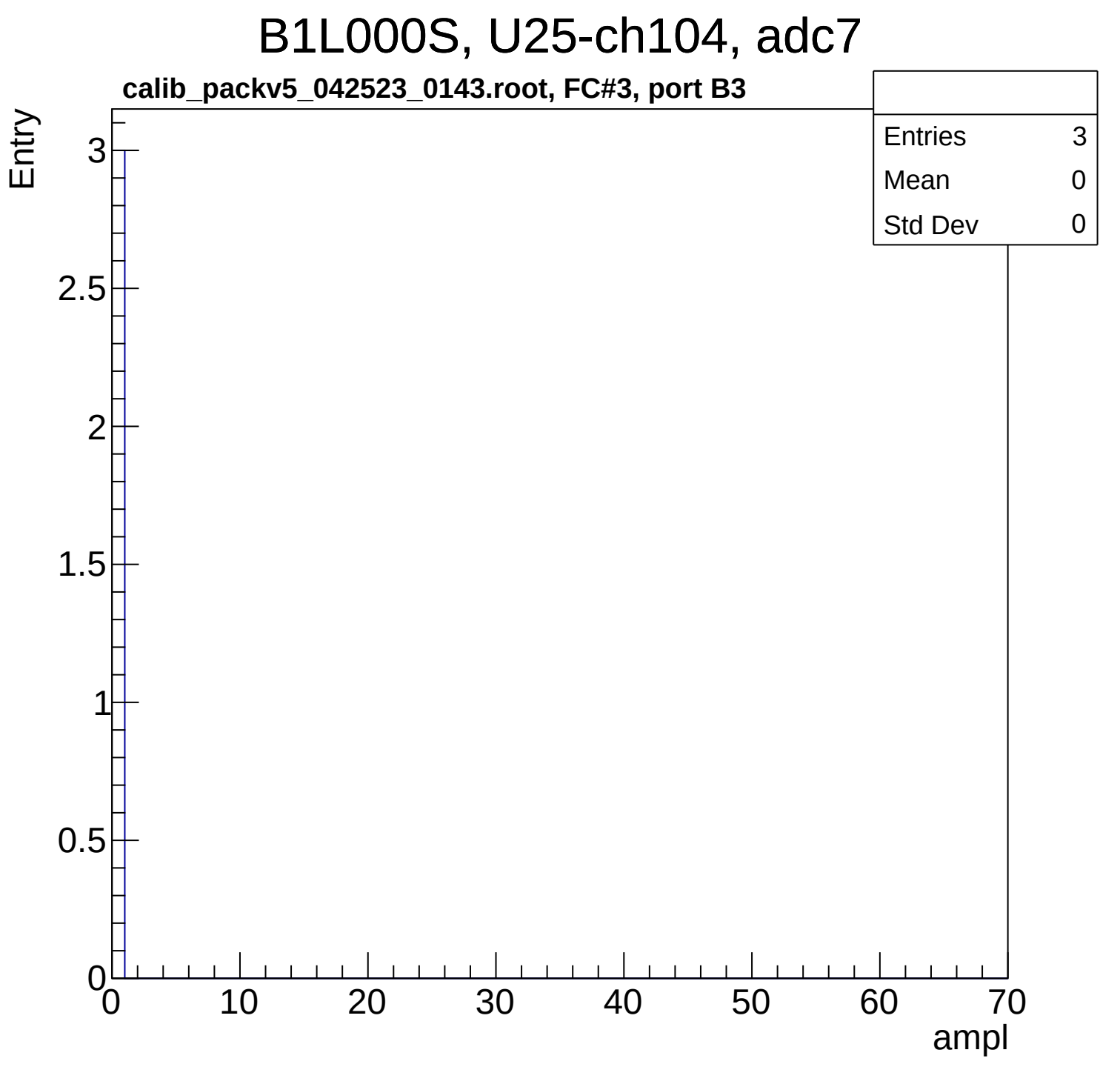
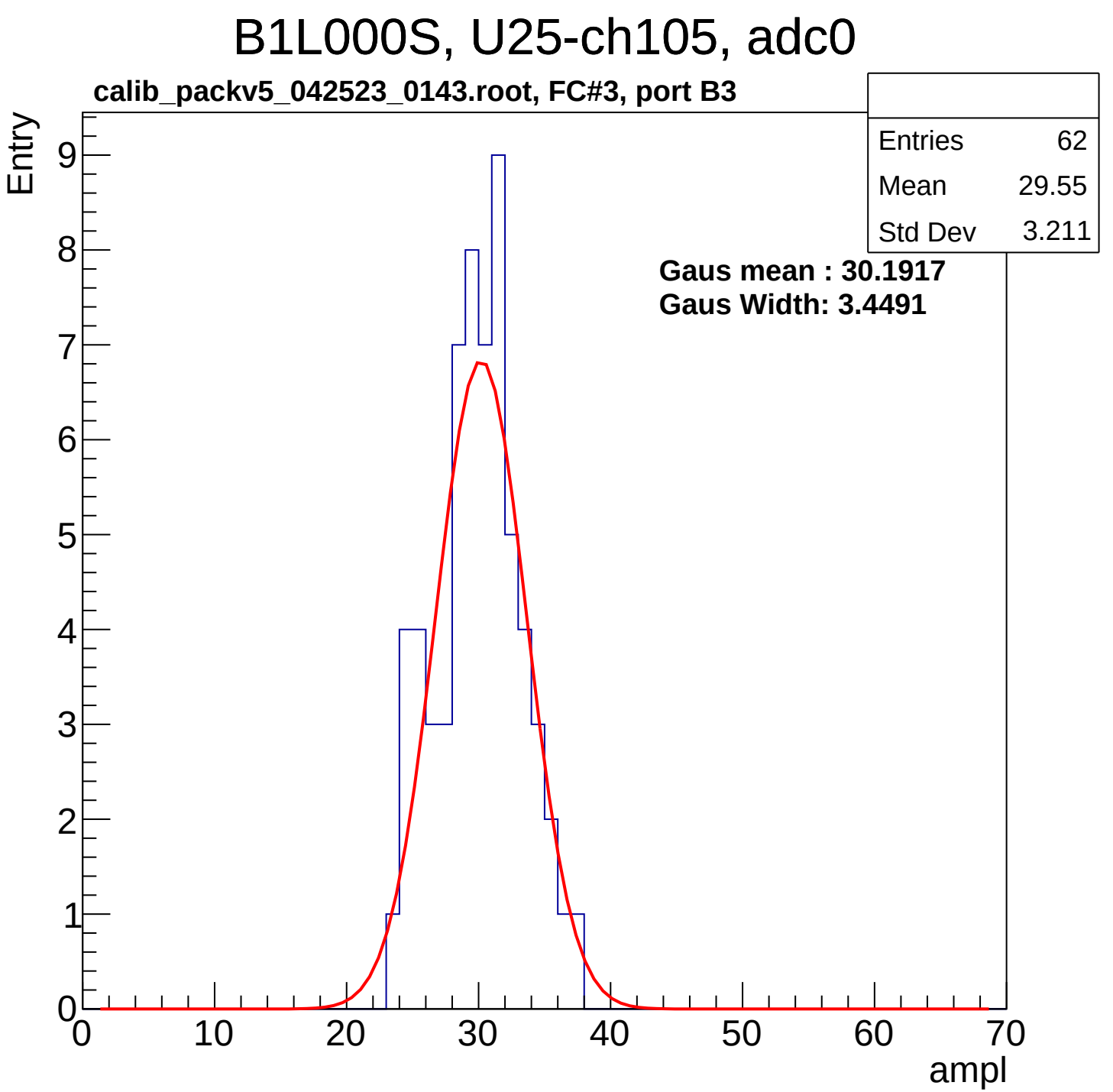
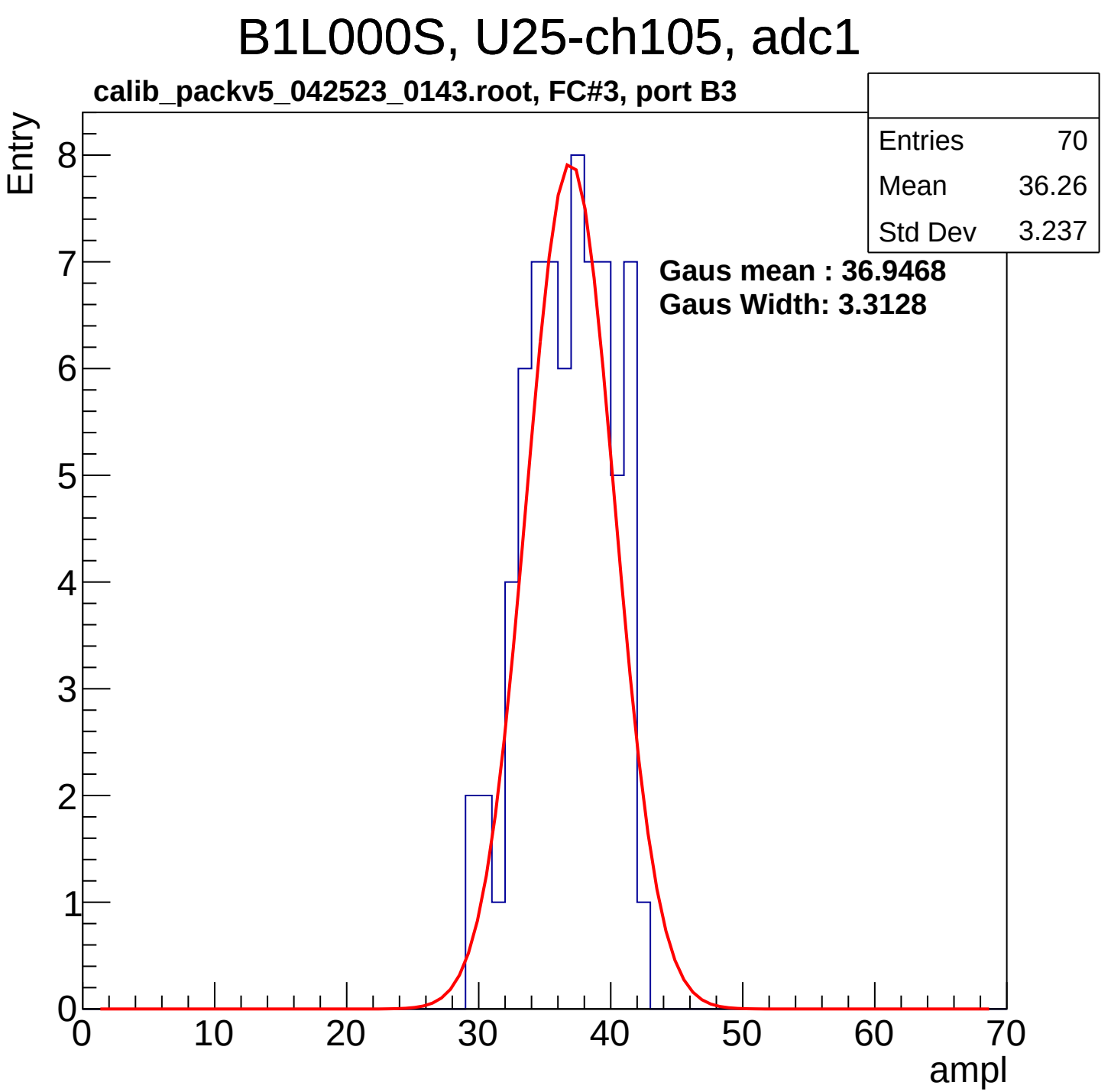

B1L000S, U25-ch104, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 57.21
Std Dev 15.94
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch104, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 3
Mean 0
Std Dev 0
Entry
3
2.5
2
1.5
1
0.5
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch105, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 29.55
Std Dev 3.211
Gaus mean : 30.1917
Gaus Width: 3.4491
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U25-ch105, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 36.26
Std Dev 3.237
Gaus mean : 36.9468
Gaus Width: 3.3128
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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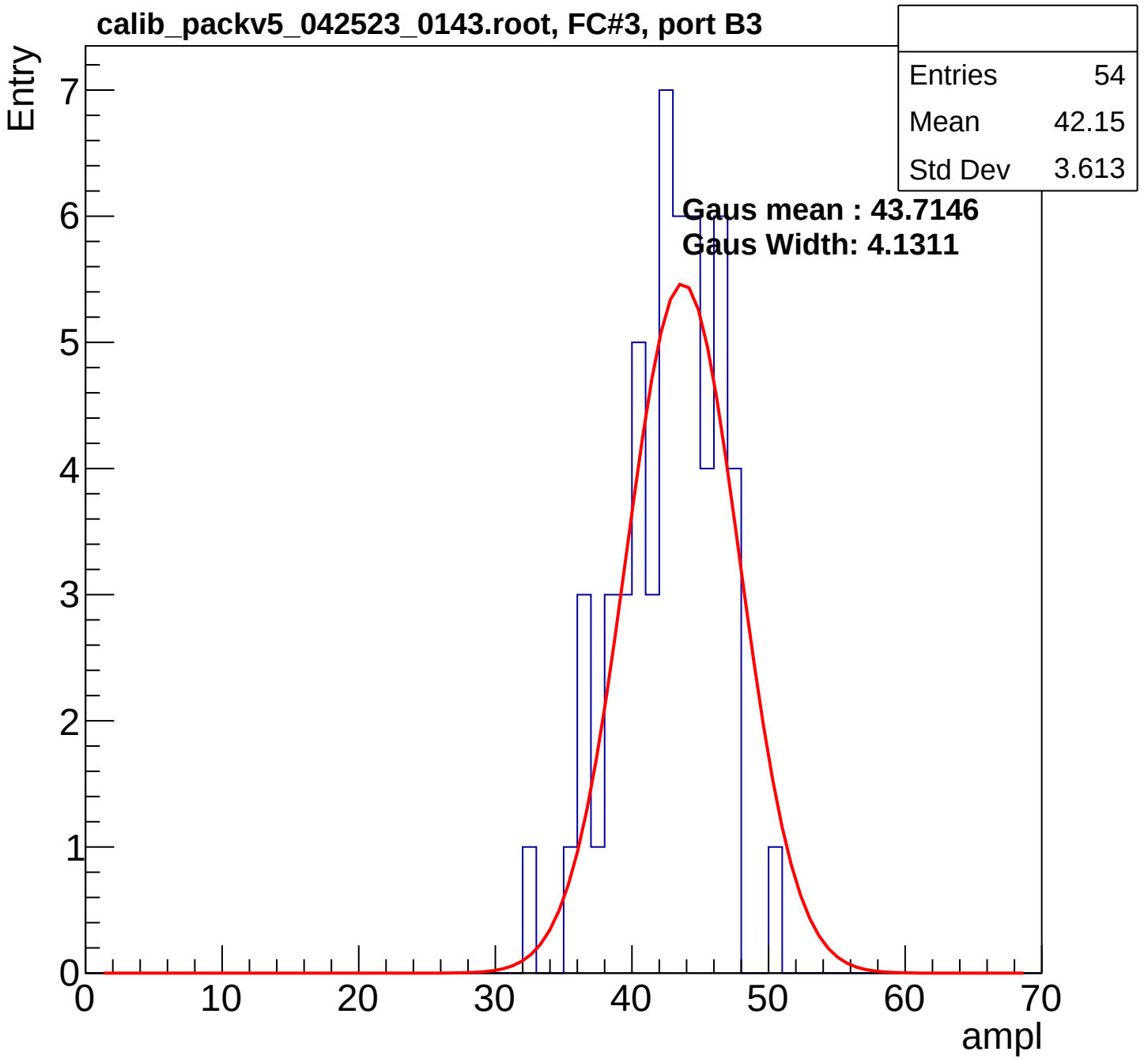
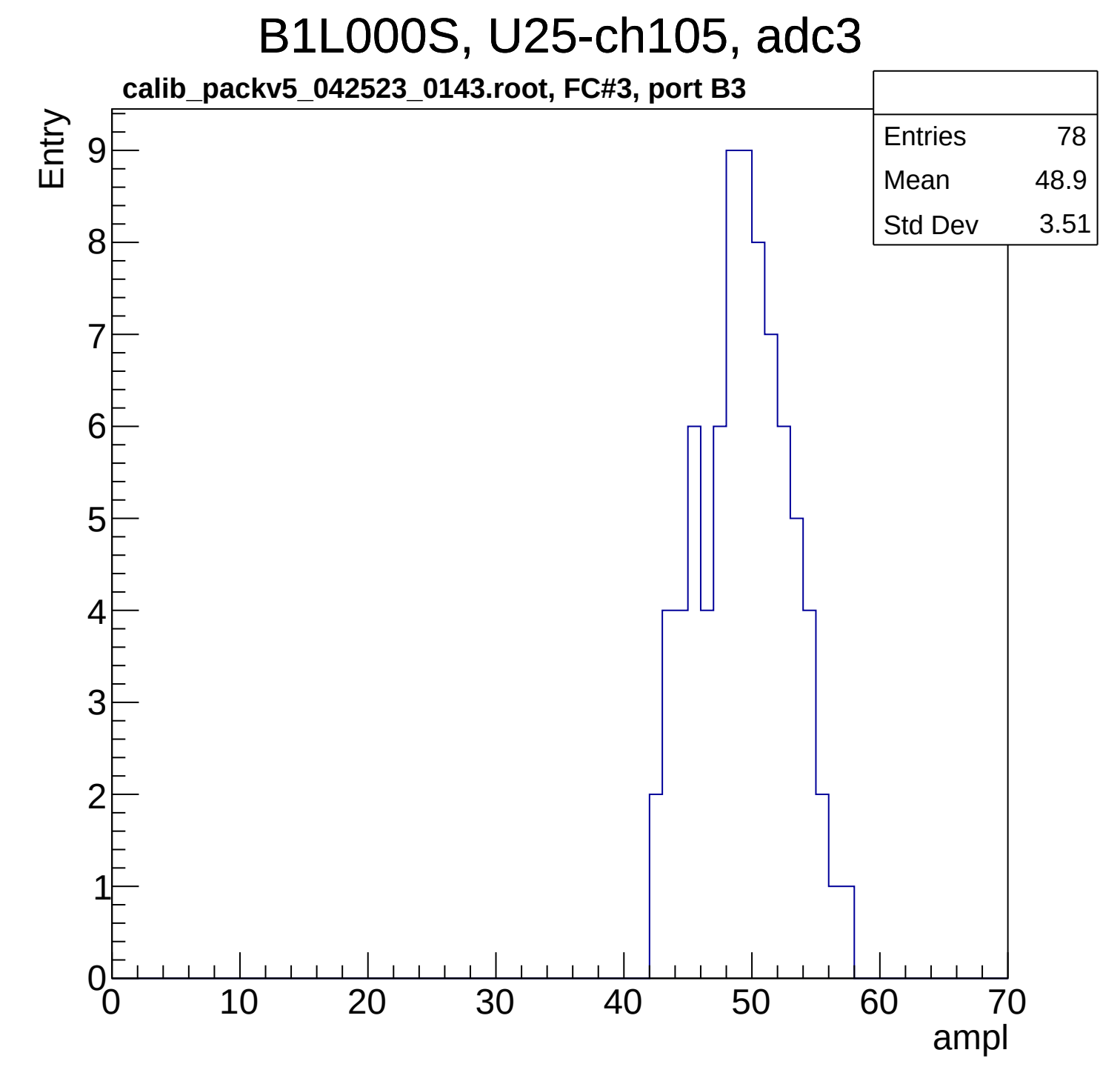

B1L000S, U25-ch105, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 42.15
Std Dev 3.613
Gaus mean : 43.7146
Gaus Width: 4.1311
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U25-ch105, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 48.9
Std Dev 3.51
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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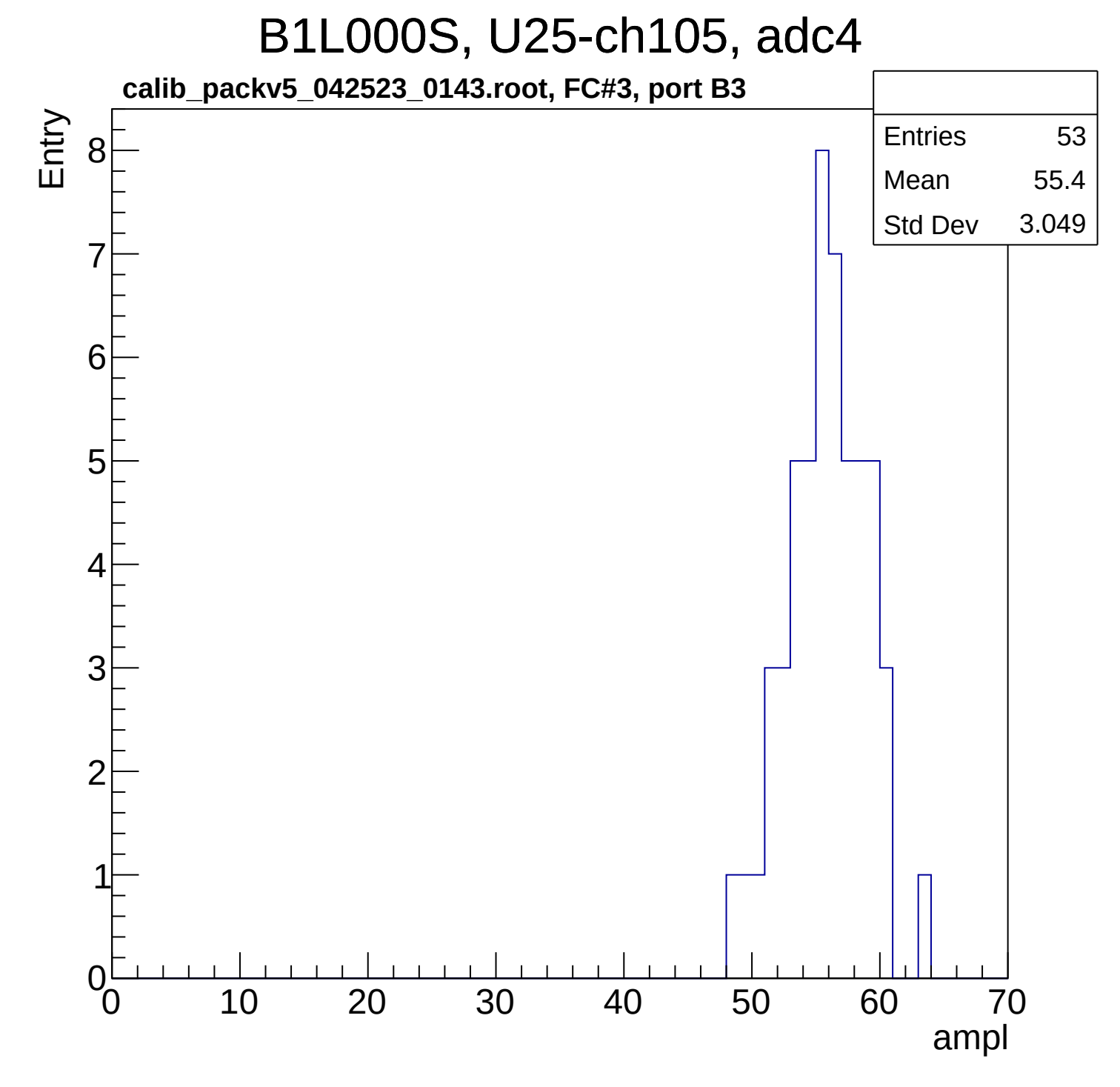
B1L000S, U25-ch105, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 55.4
Std Dev 3.049
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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20
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40
50
60
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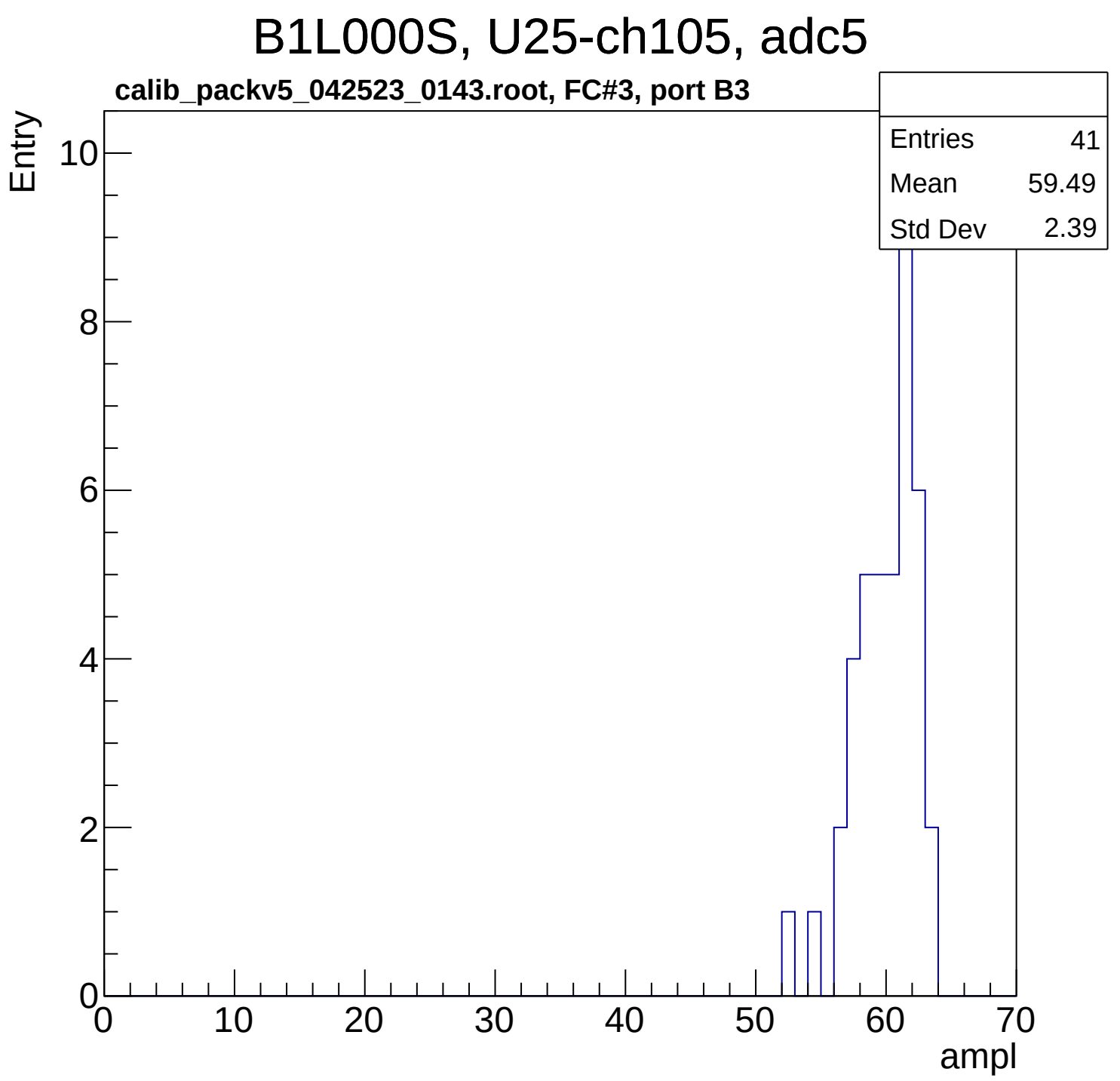
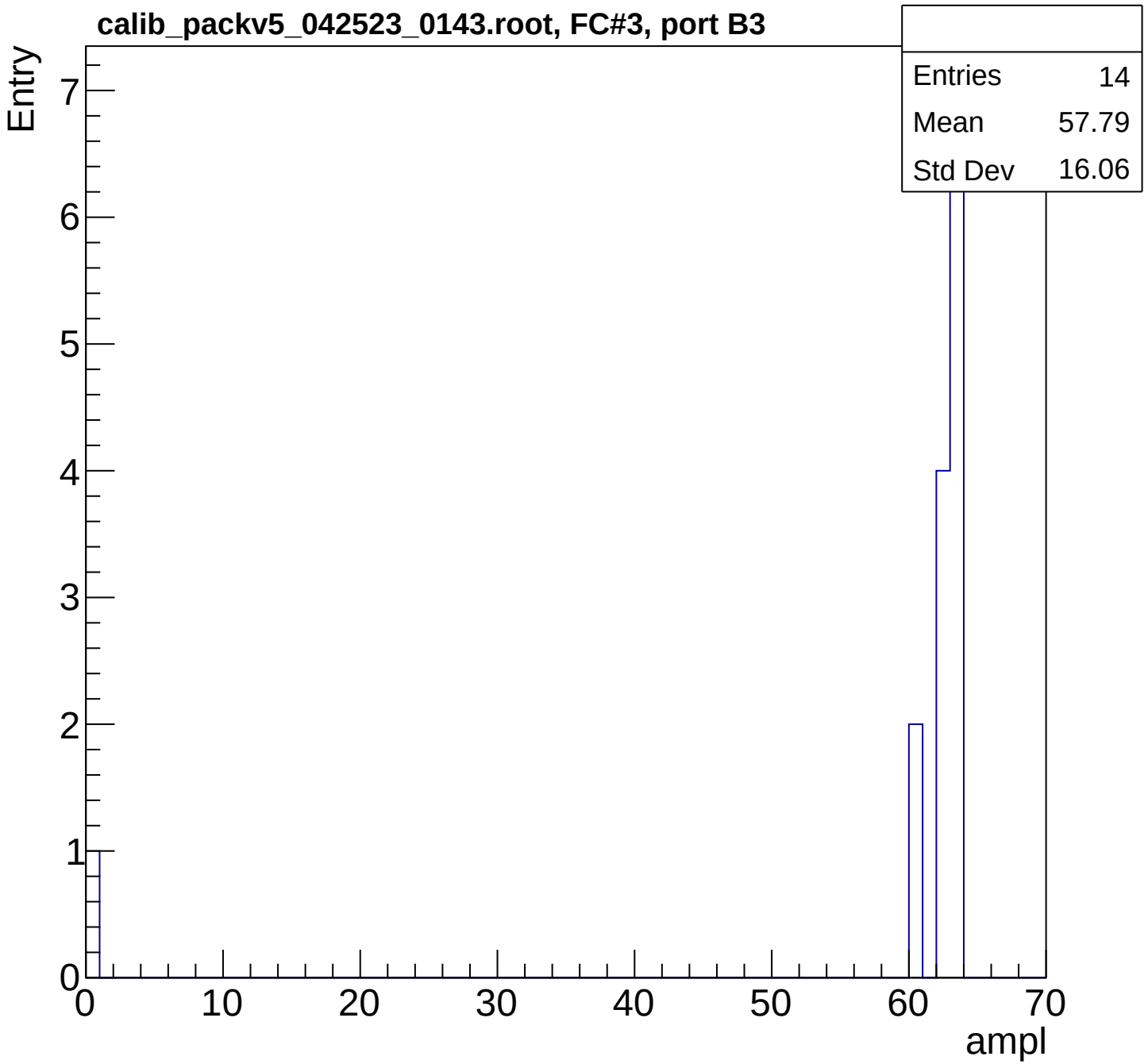

B1L000S, U25-ch105, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 41
Mean 59.49
Std Dev 2.39
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch105, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 57.79
Std Dev 16.06
Entry
ampl
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1
2
3
4
5
6
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0
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20
30
40
50
60
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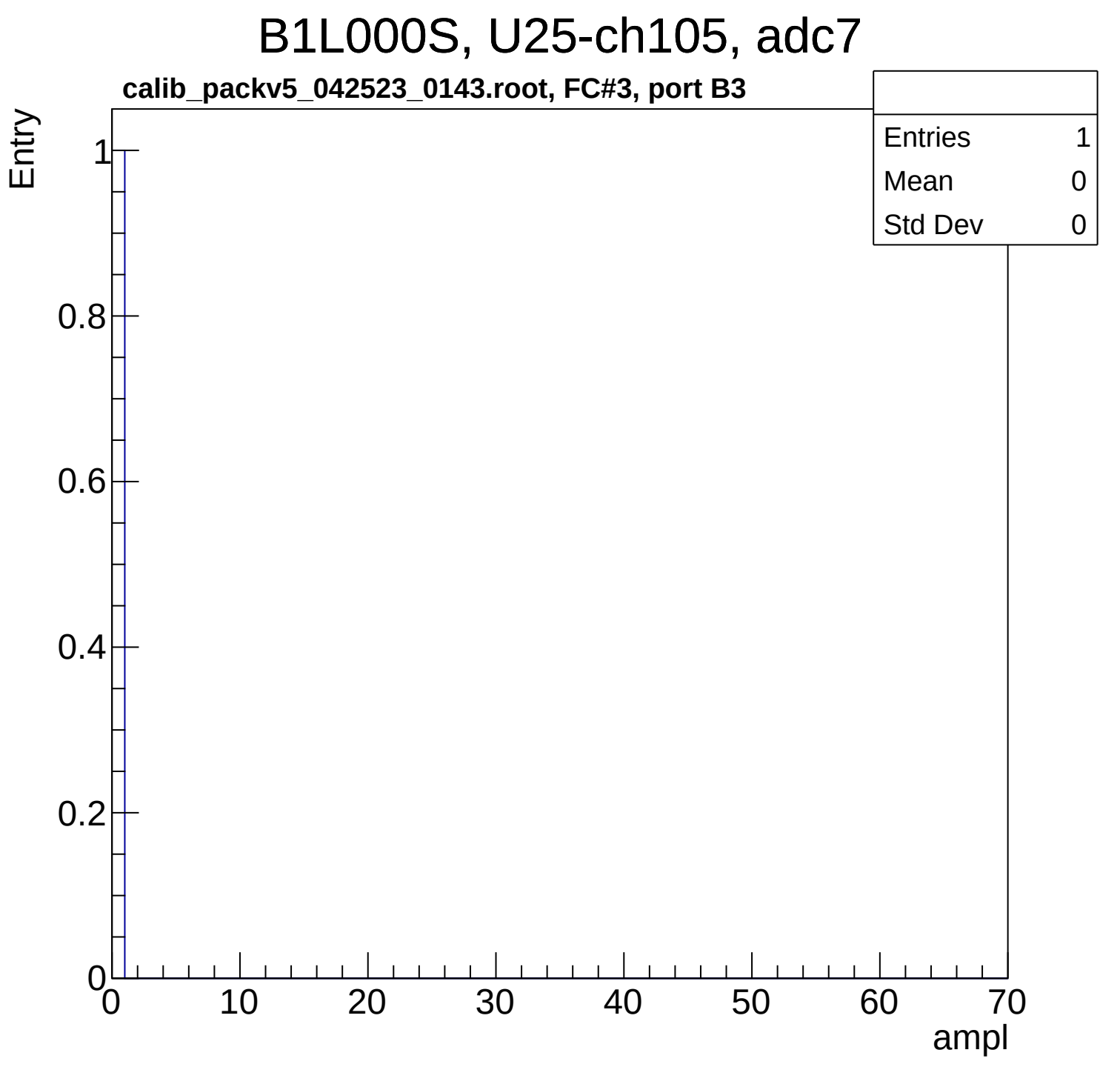
B1L000S, U25-ch105, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
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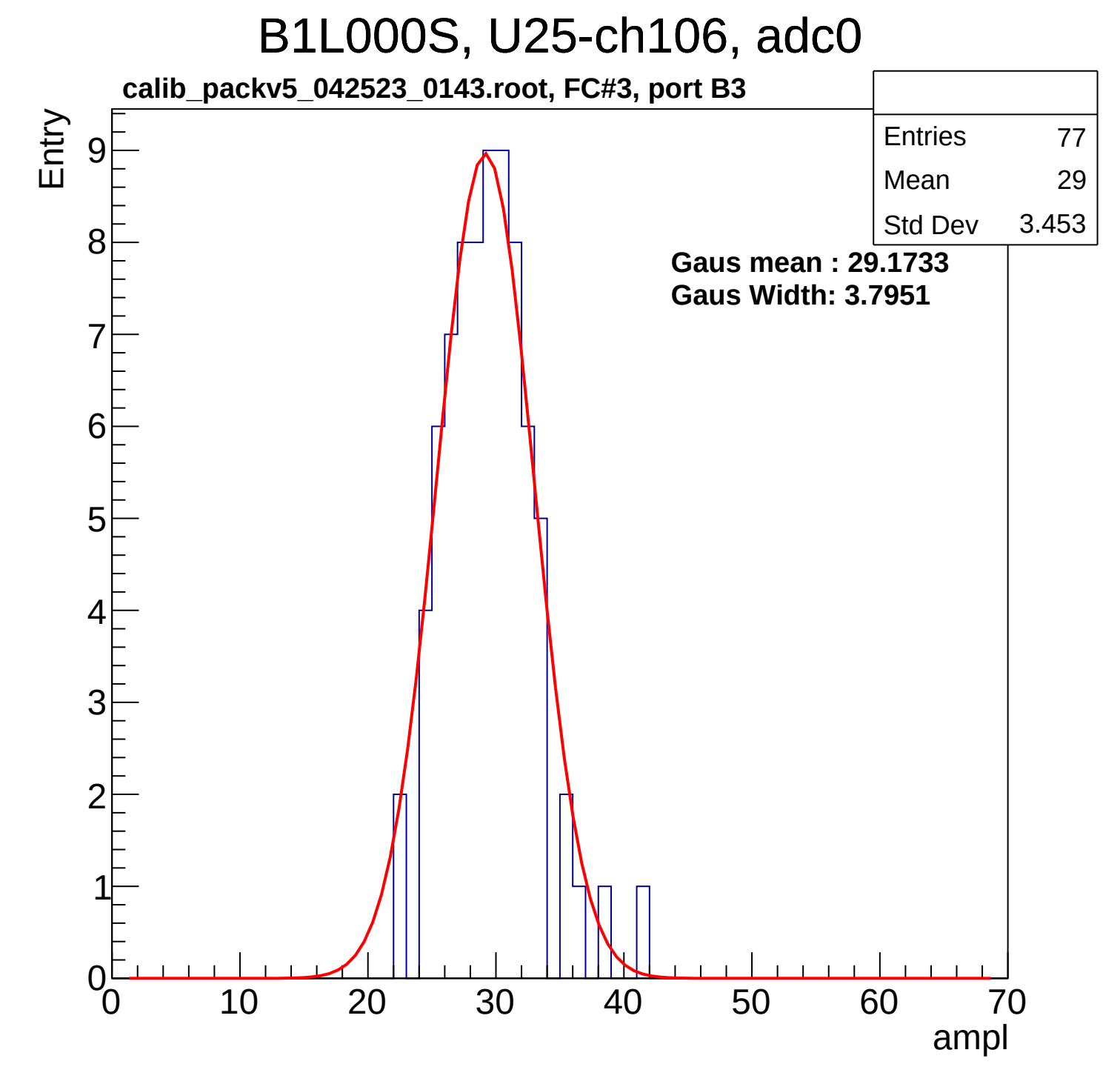
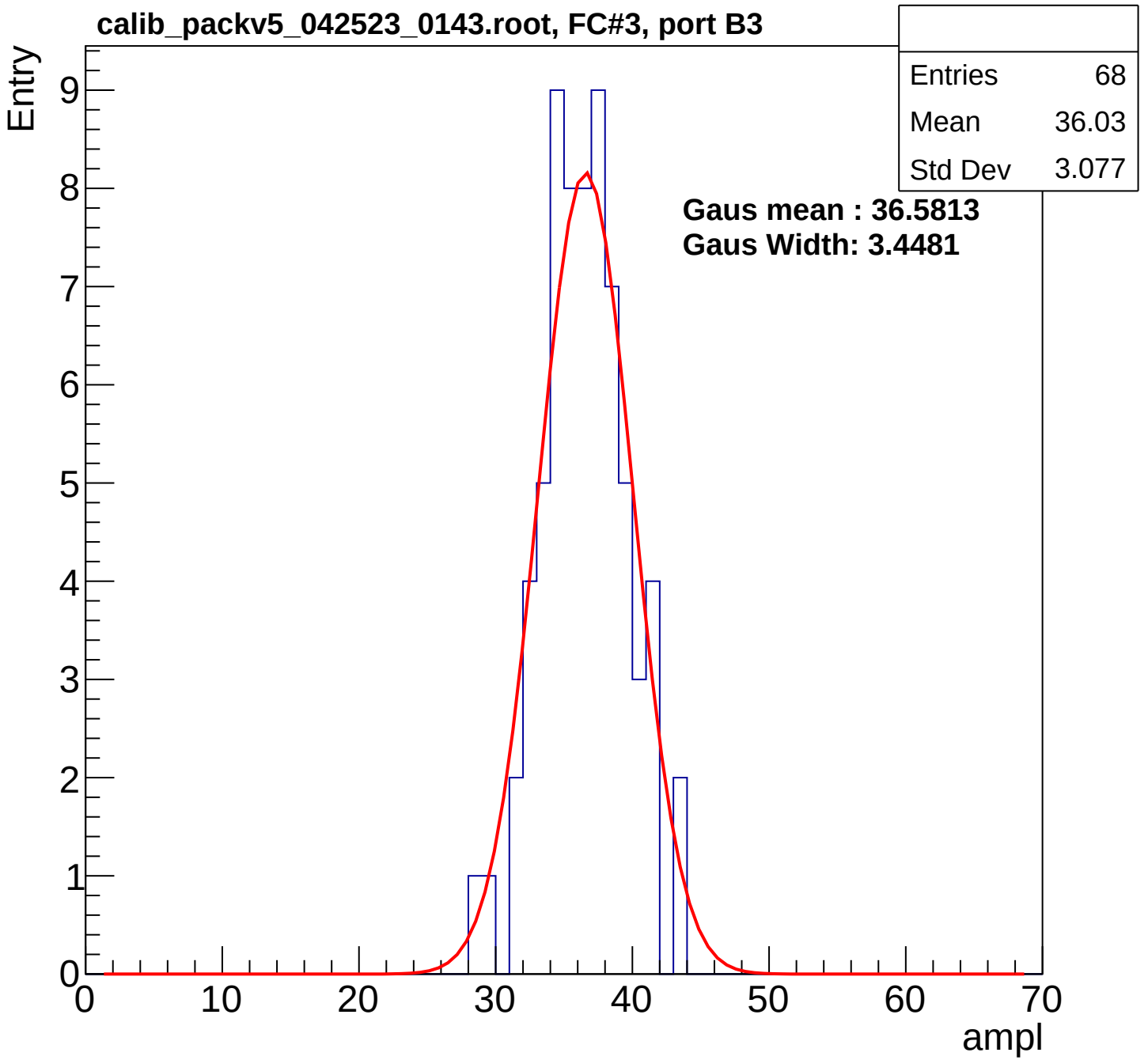
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch106, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 29
Std Dev 3.453
Gaus mean : 29.1733
Gaus Width: 3.7951
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch106, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 36.03
Std Dev 3.077
Gaus mean : 36.5813
Gaus Width: 3.4481
Entry
ampl
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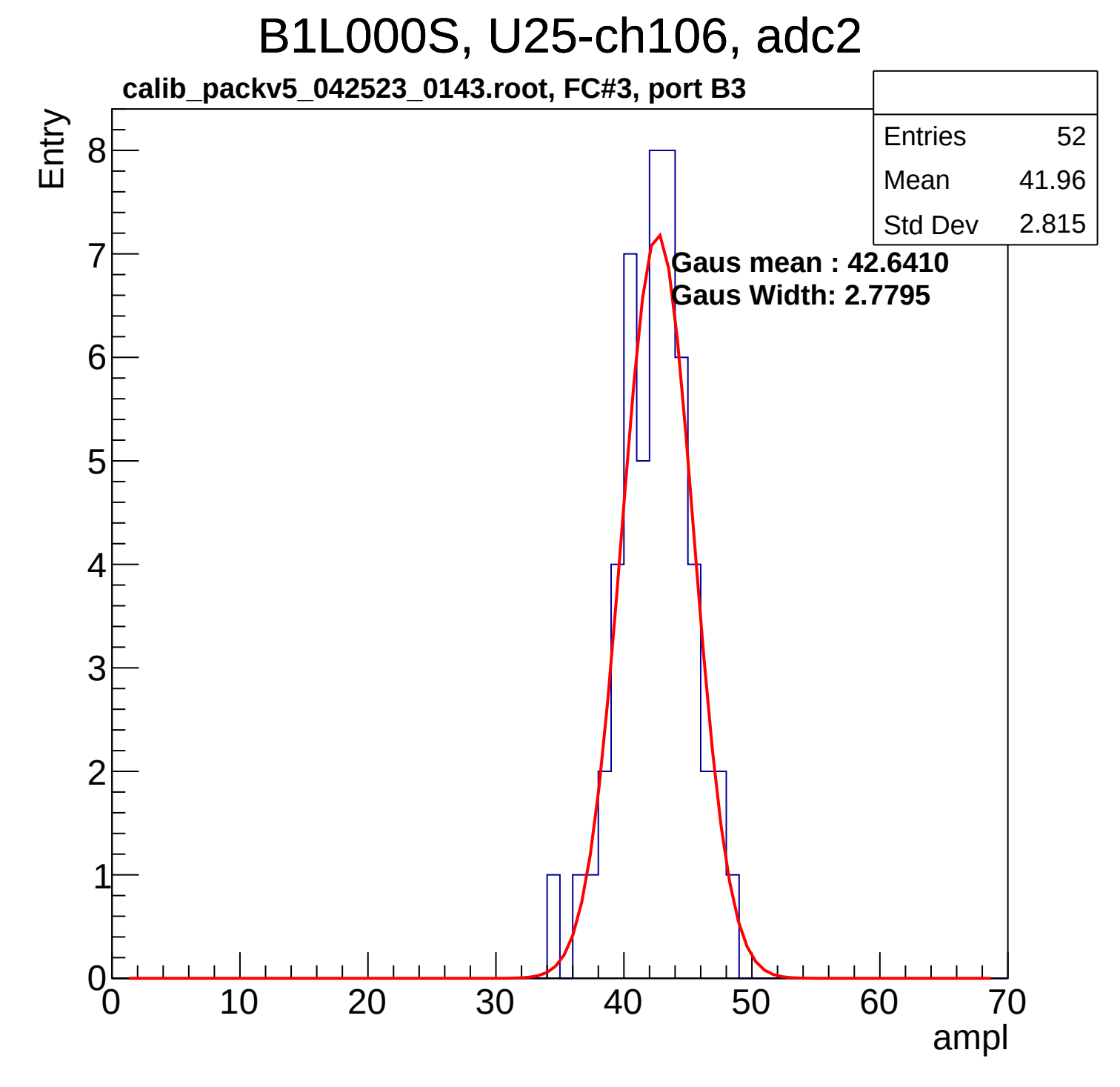
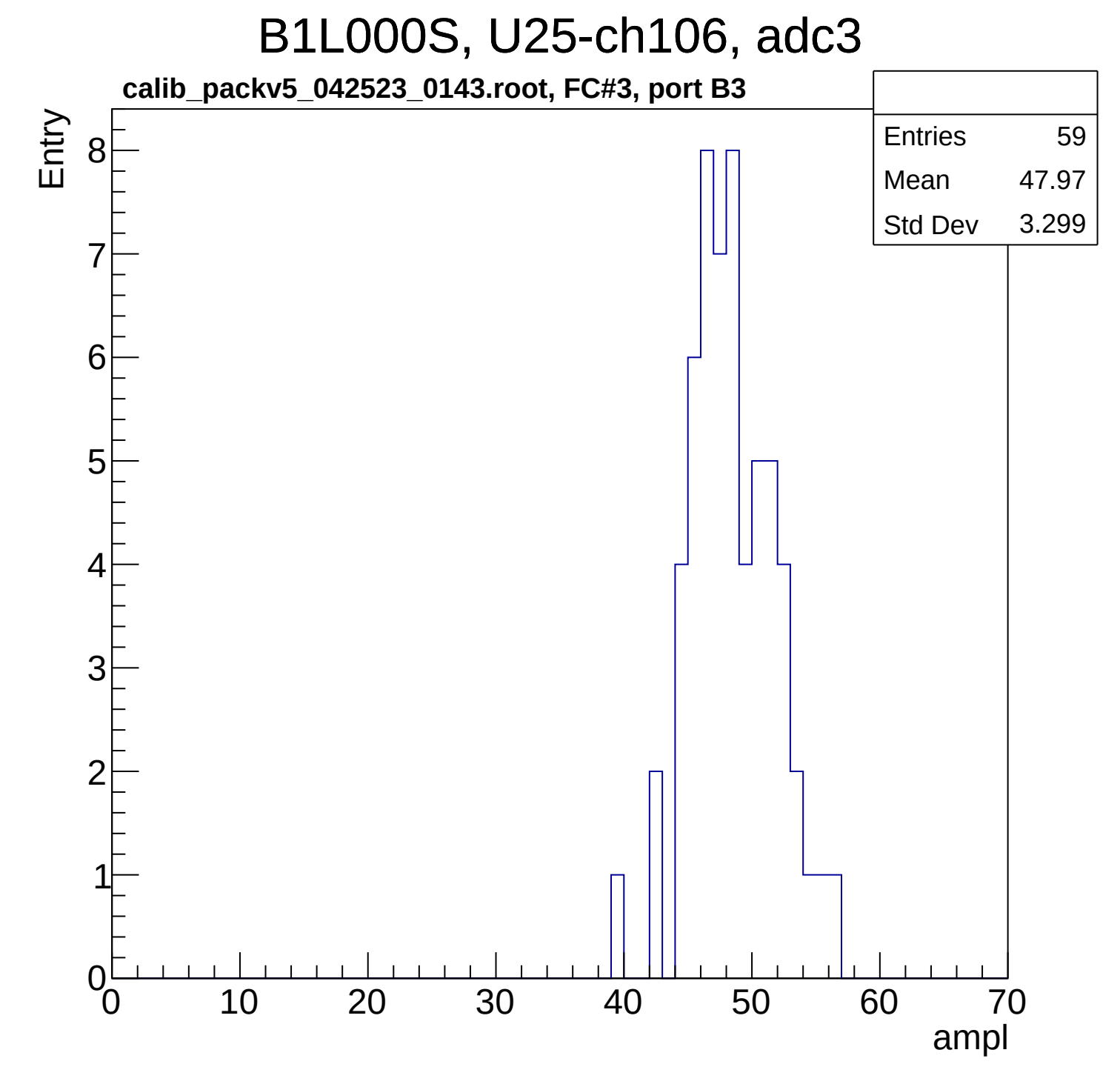
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U25-ch106, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 41.96
Std Dev 2.815
Gaus mean : 42.6410
Gaus Width: 2.7795
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch106, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 47.97
Std Dev 3.299
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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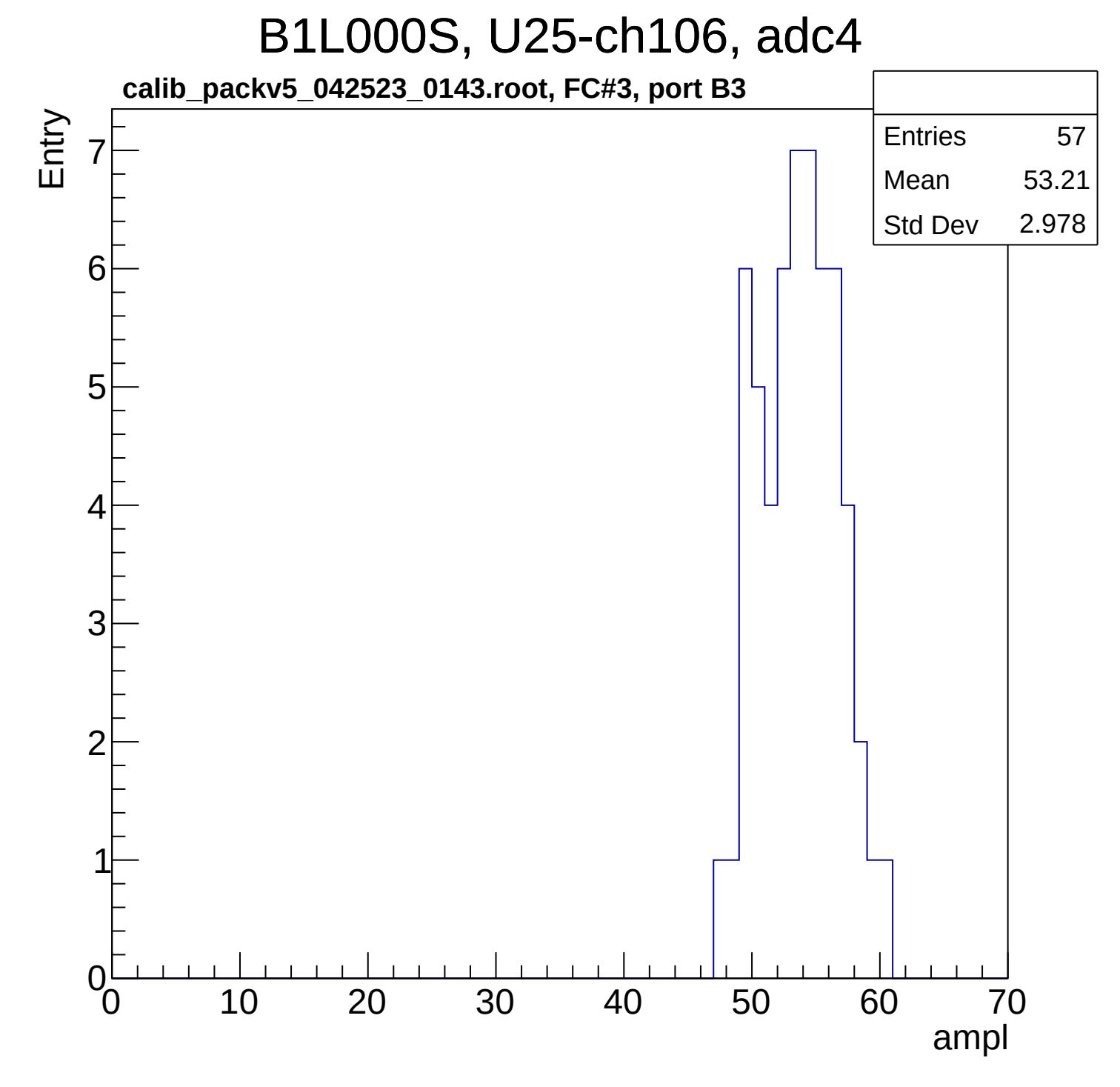
B1L000S, U25-ch106, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 53.21
Std Dev 2.978
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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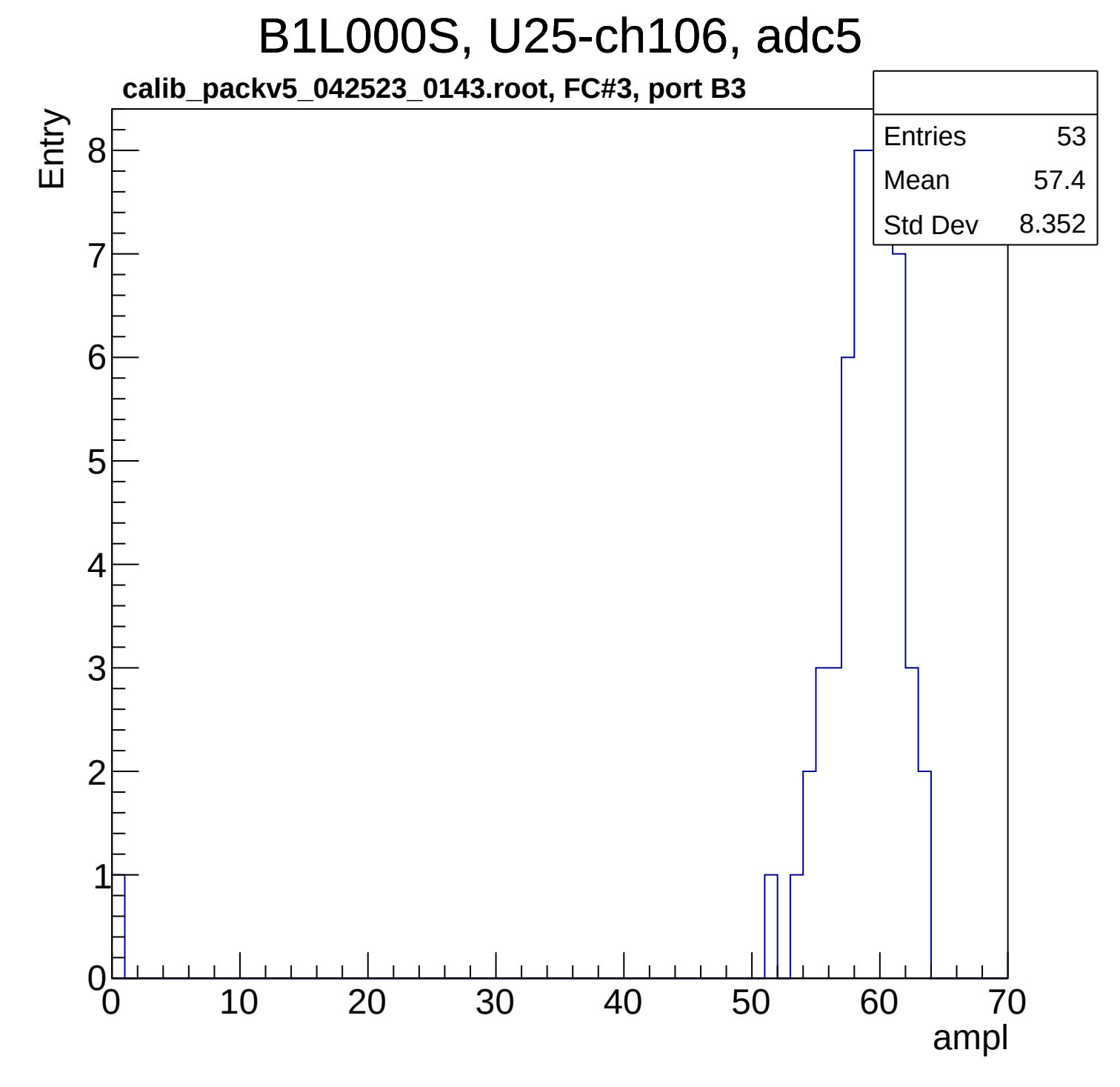
B1L000S, U25-ch106, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 57.4
Std Dev 8.352
Entry
ampl
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1
2
3
4
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0
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60
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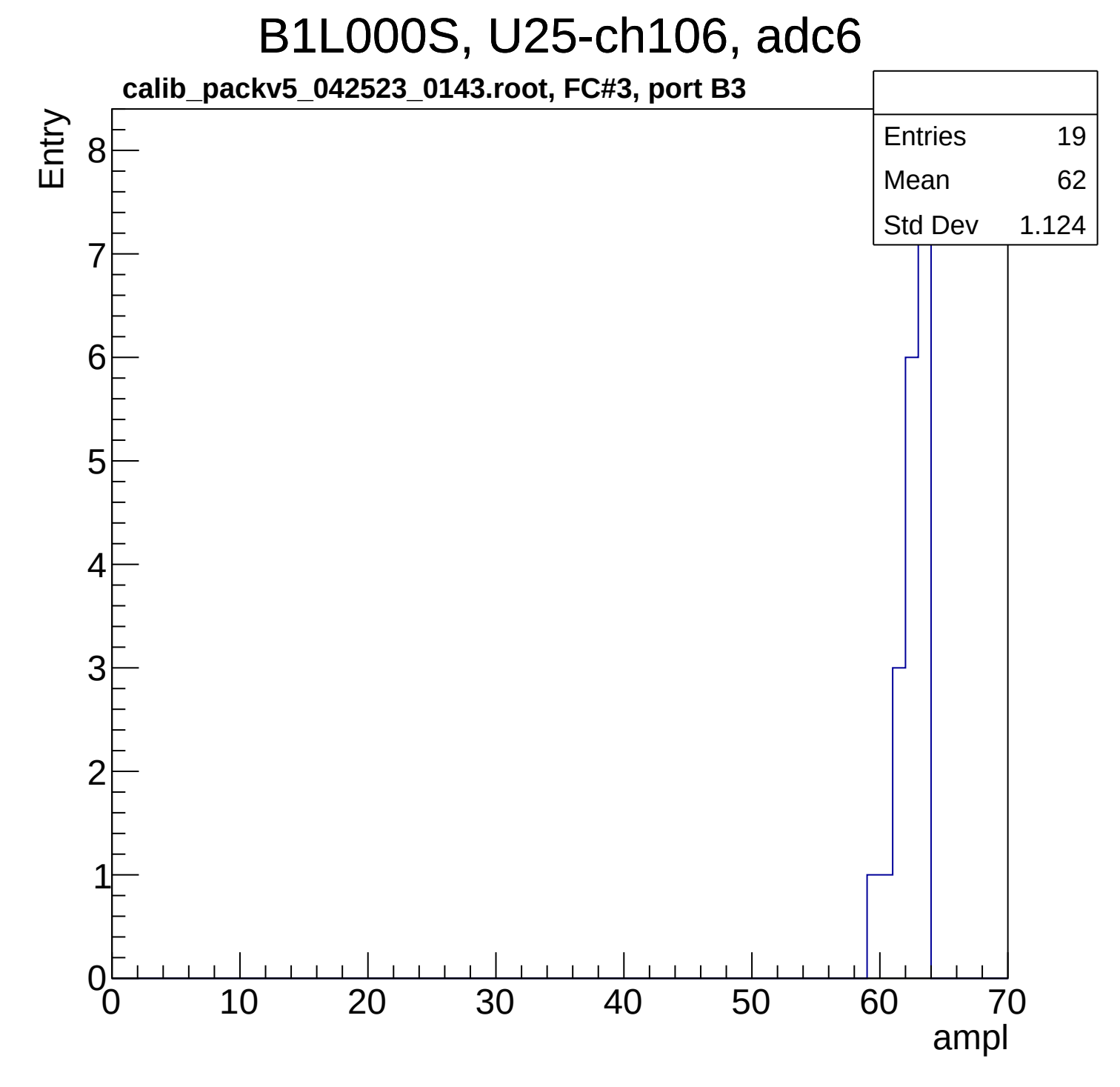
B1L000S, U25-ch106, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 19
Mean 62
Std Dev 1.124
Entry
ampl
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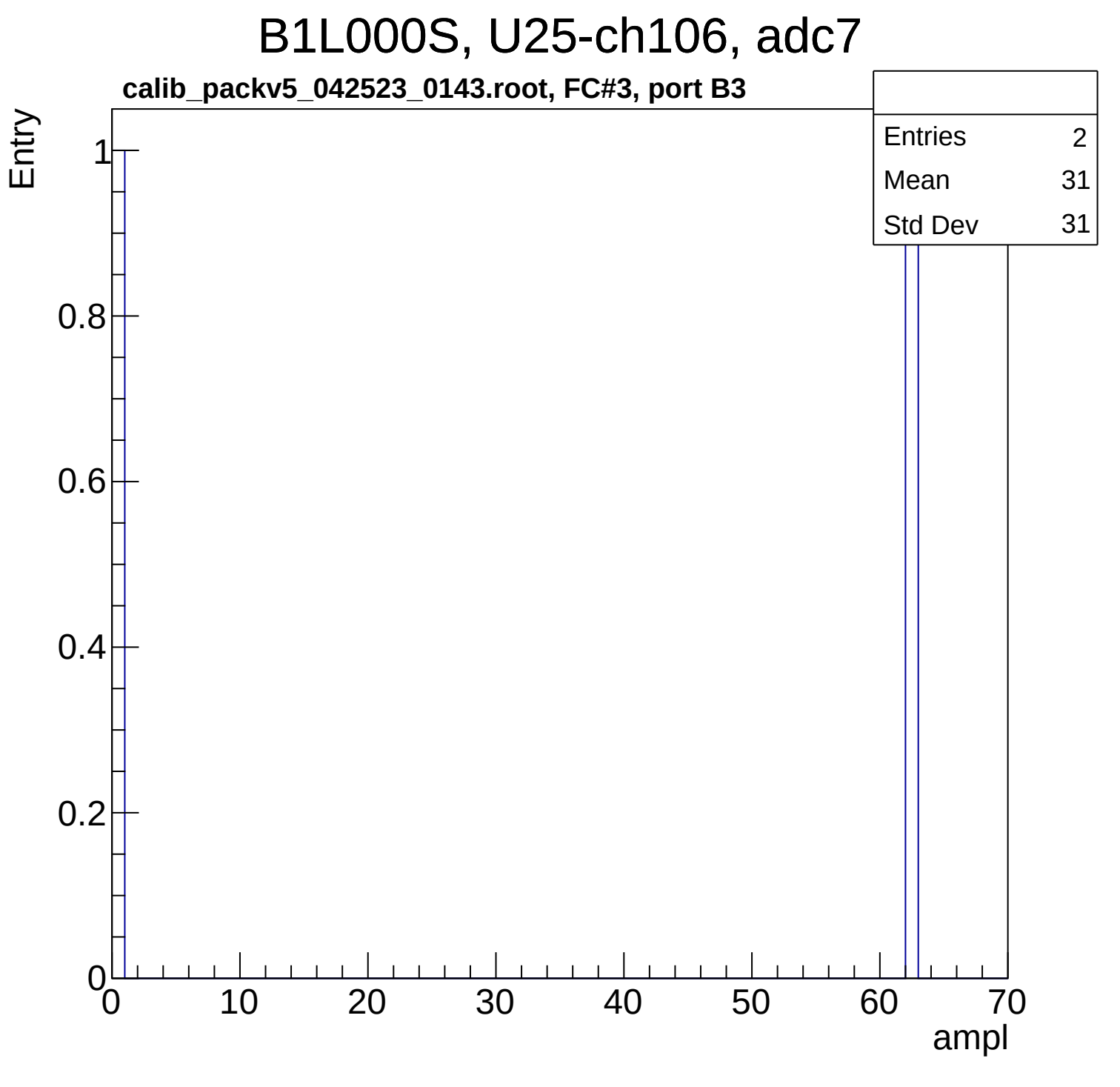
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch106, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 31
Std Dev 31
Entry
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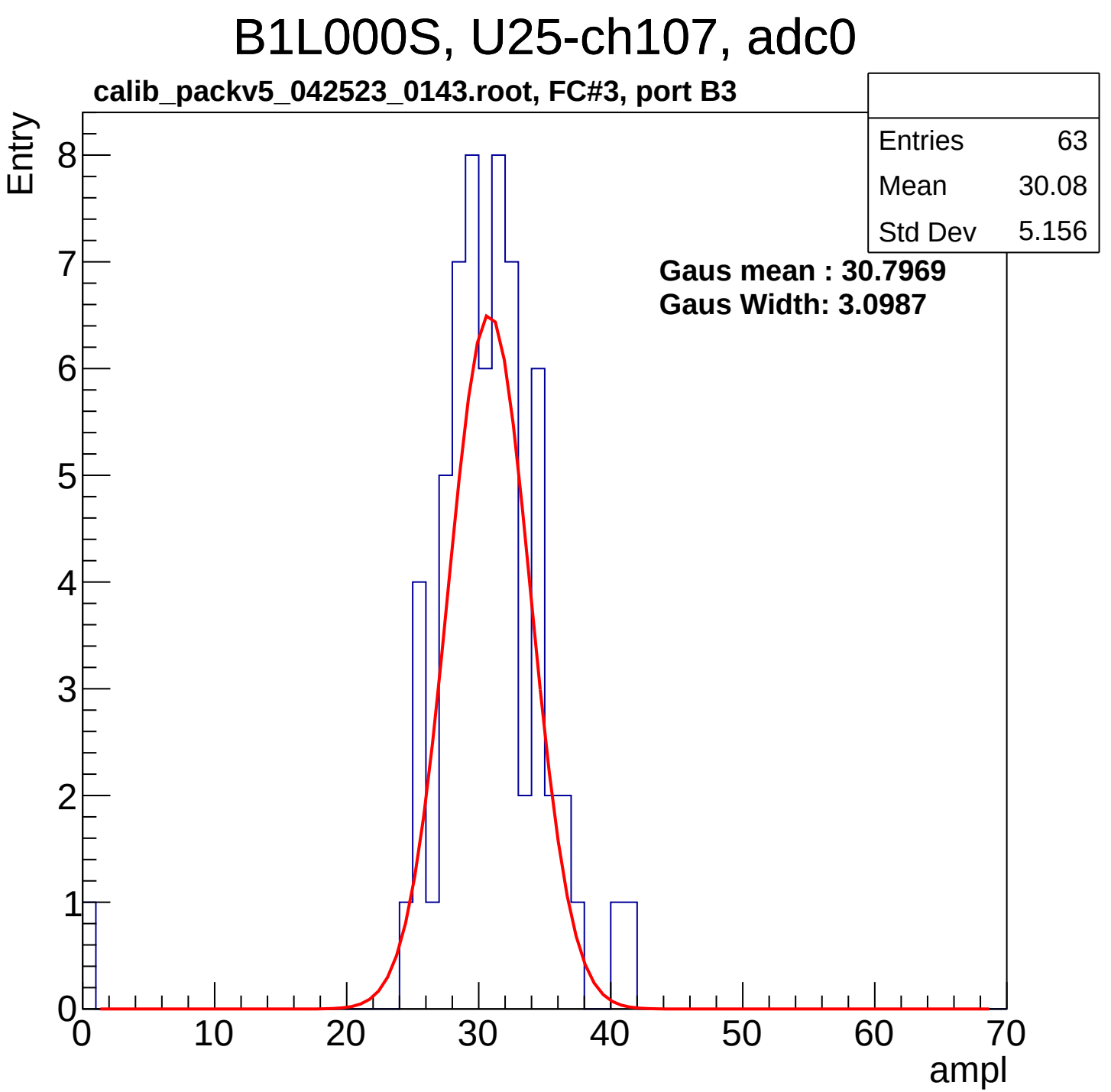
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch107, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 30.08
Std Dev 5.156
Gaus mean : 30.7969
Gaus Width: 3.0987
Entry
ampl
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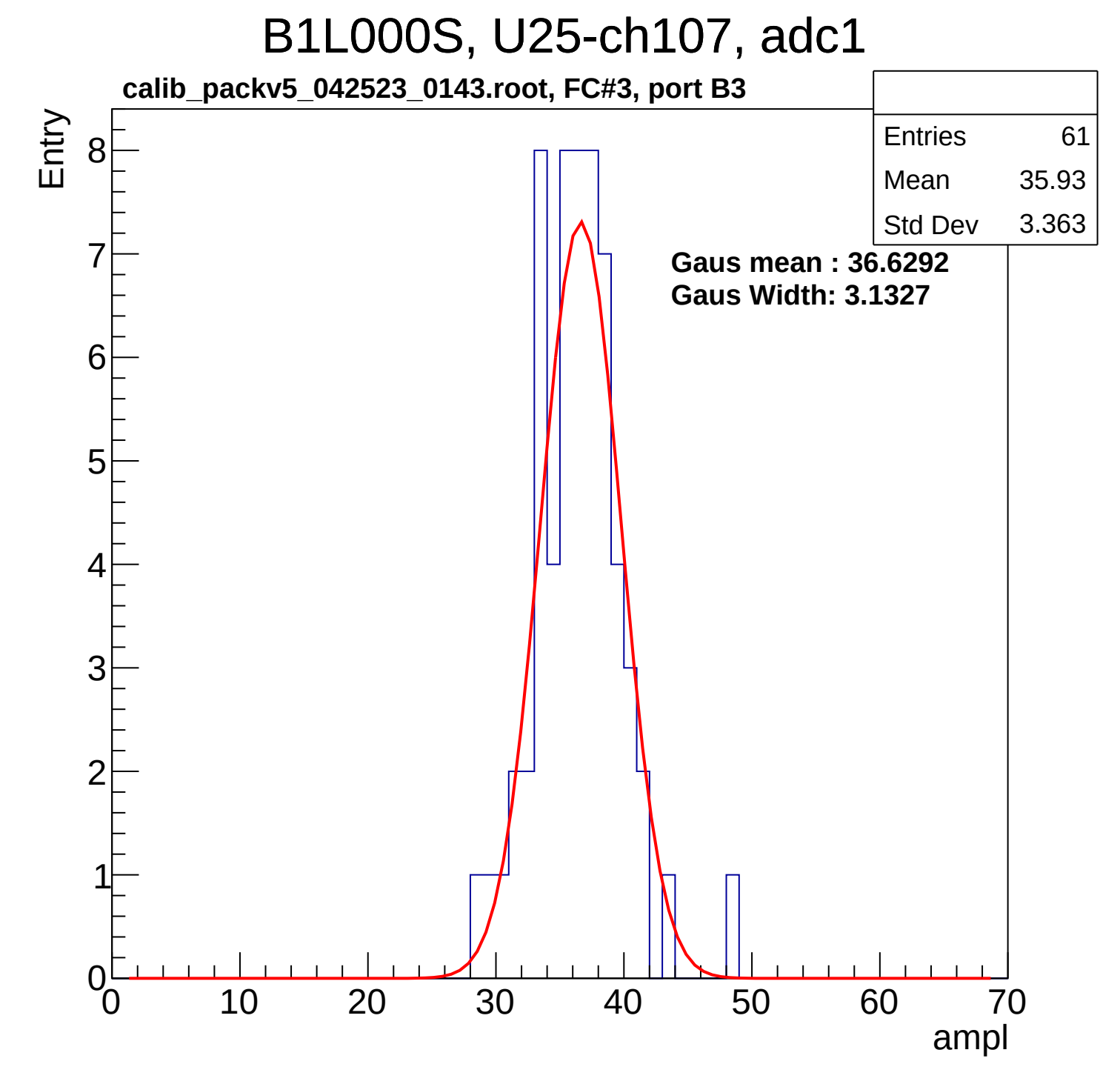
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch107, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 35.93
Std Dev 3.363
Gaus mean : 36.6292
Gaus Width: 3.1327
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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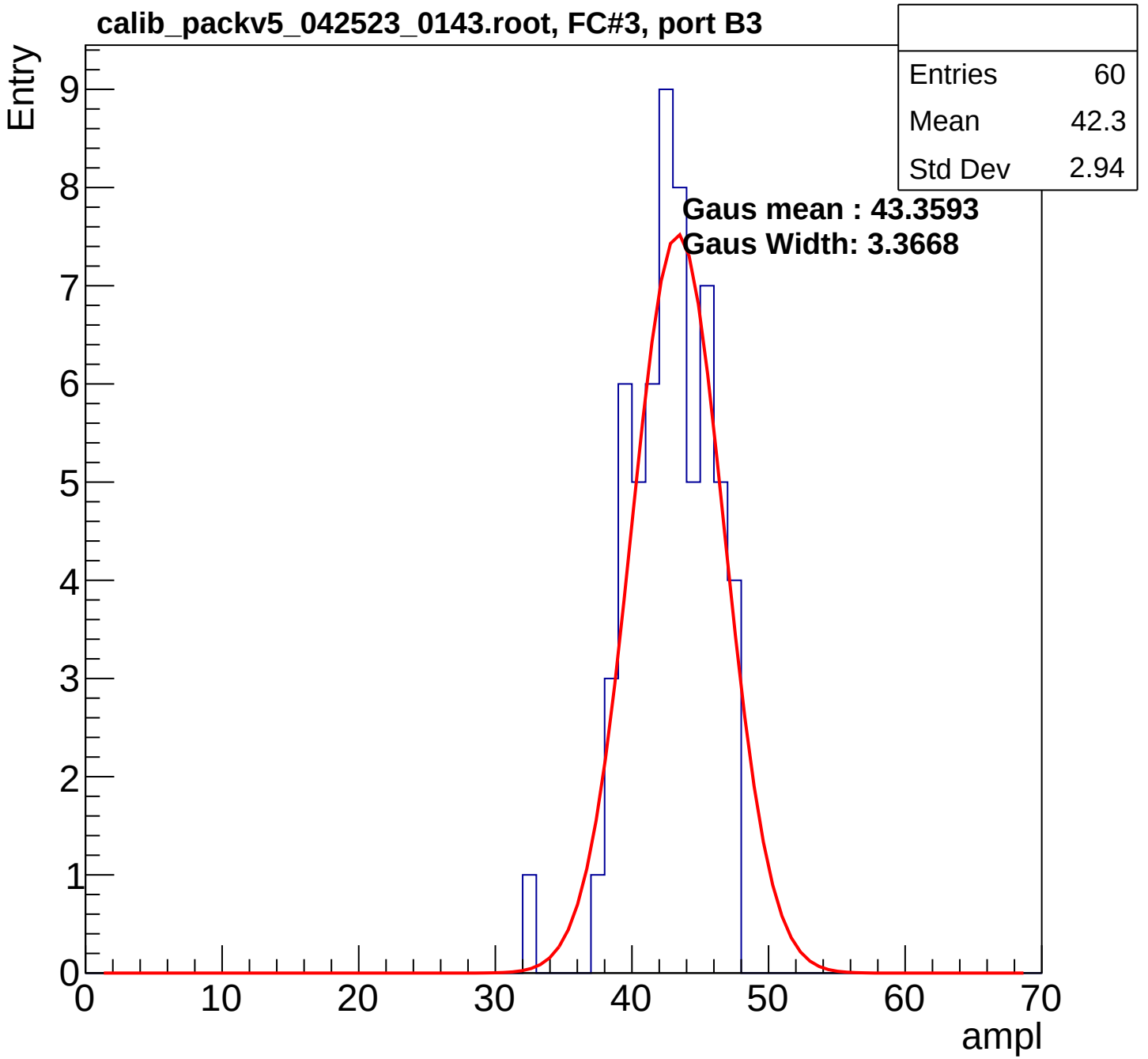
B1L000S, U25-ch107, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 42.3
Std Dev 2.94
Gaus mean : 43.3593
Gaus Width: 3.3668
Entry
ampl
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2
3
4
5
6
7
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9
0
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60
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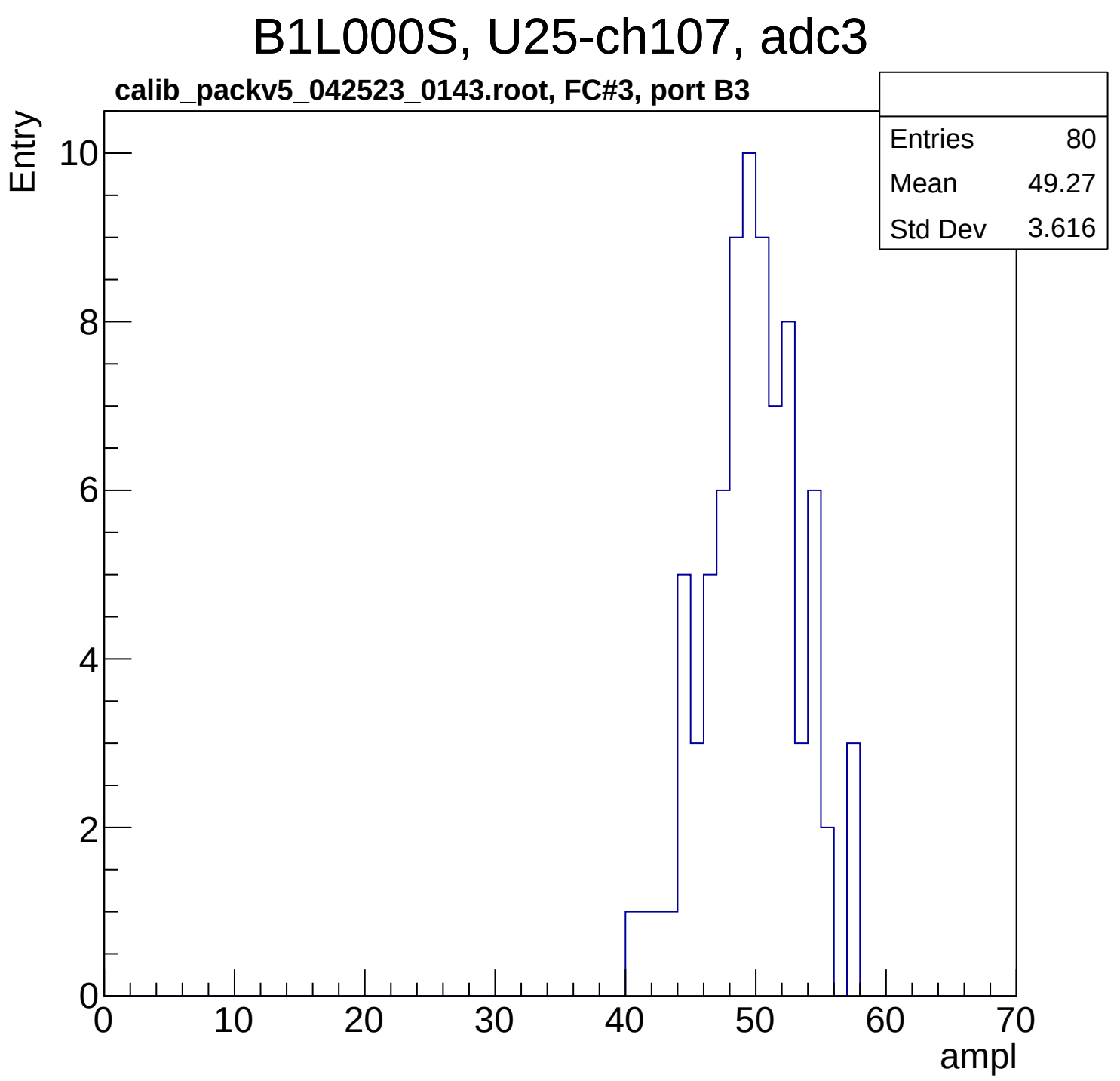
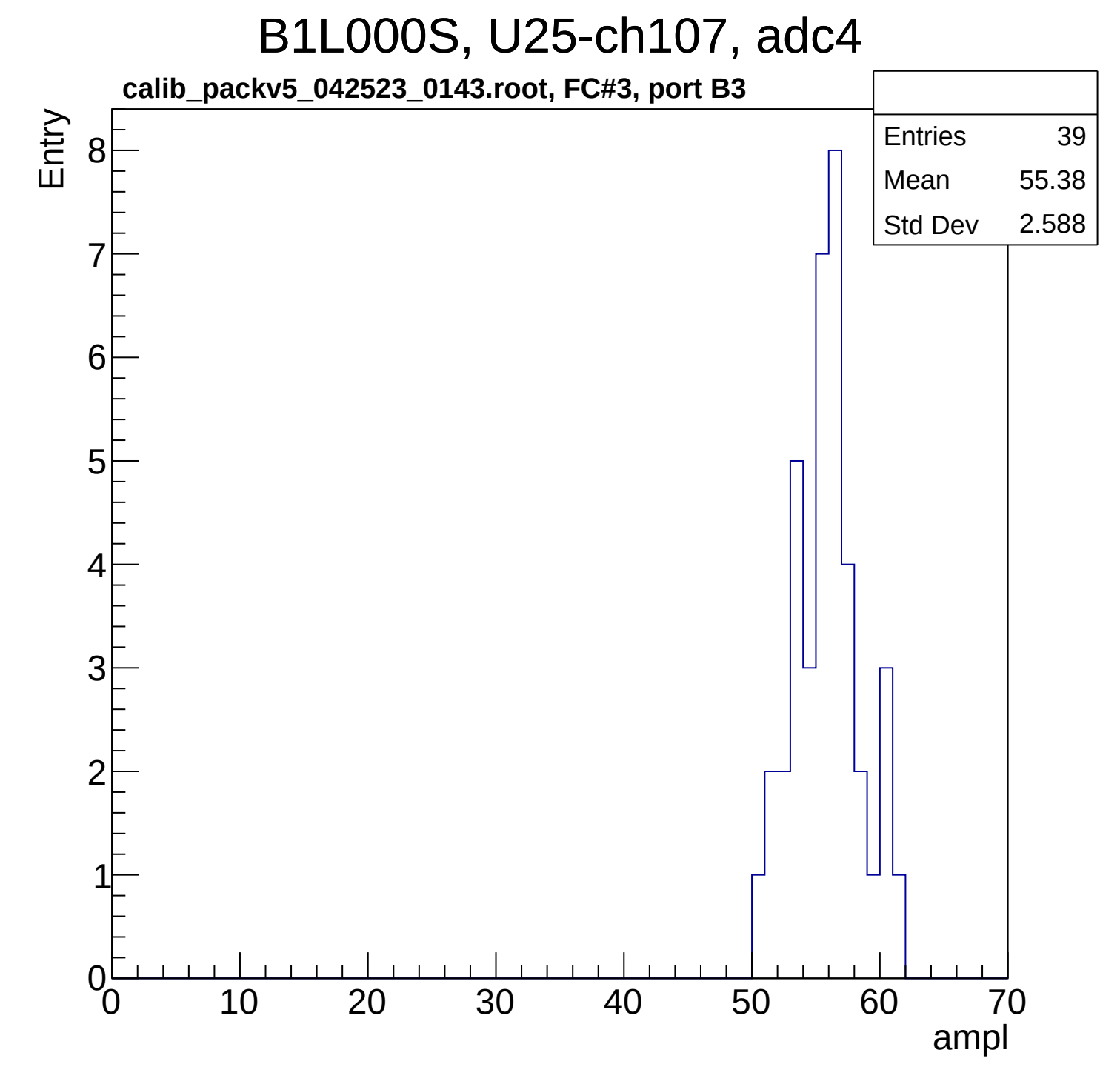

B1L000S, U25-ch107, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 80
Mean 49.27
Std Dev 3.616
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch107, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 39
Mean 55.38
Std Dev 2.588
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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60
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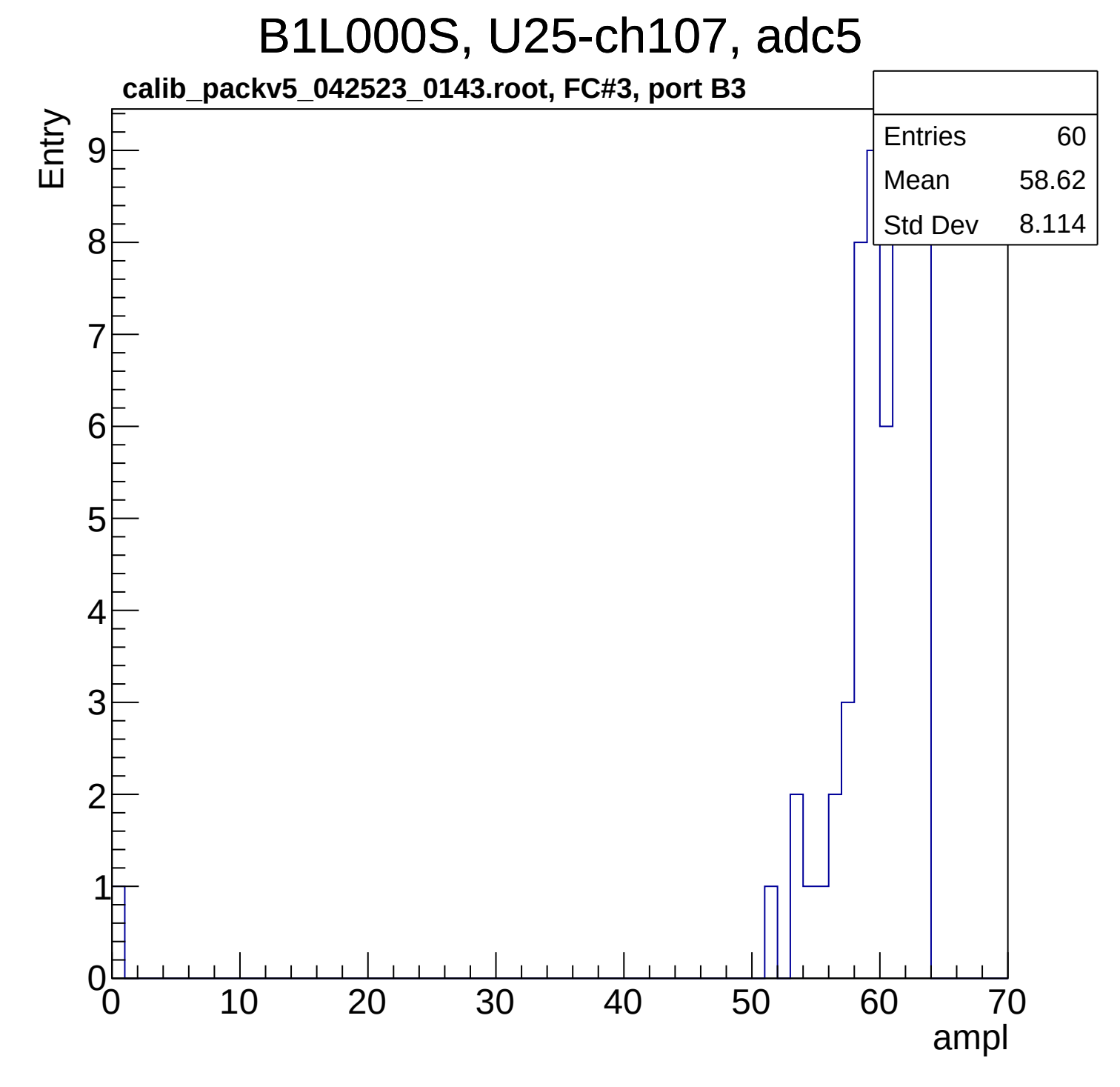
B1L000S, U25-ch107, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 58.62
Std Dev 8.114
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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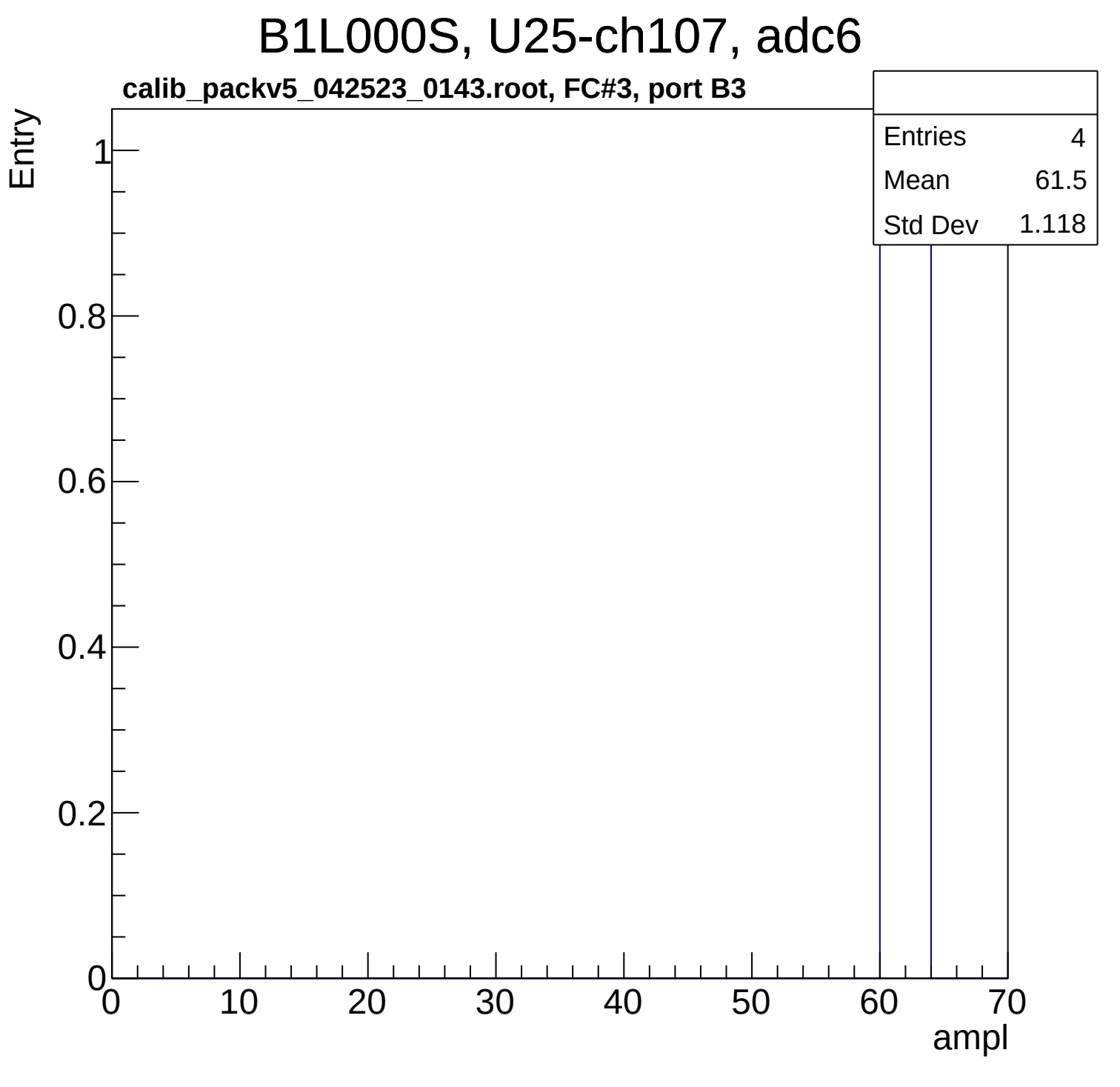
B1L000S, U25-ch107, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 61.5
Std Dev 1.118
Entry
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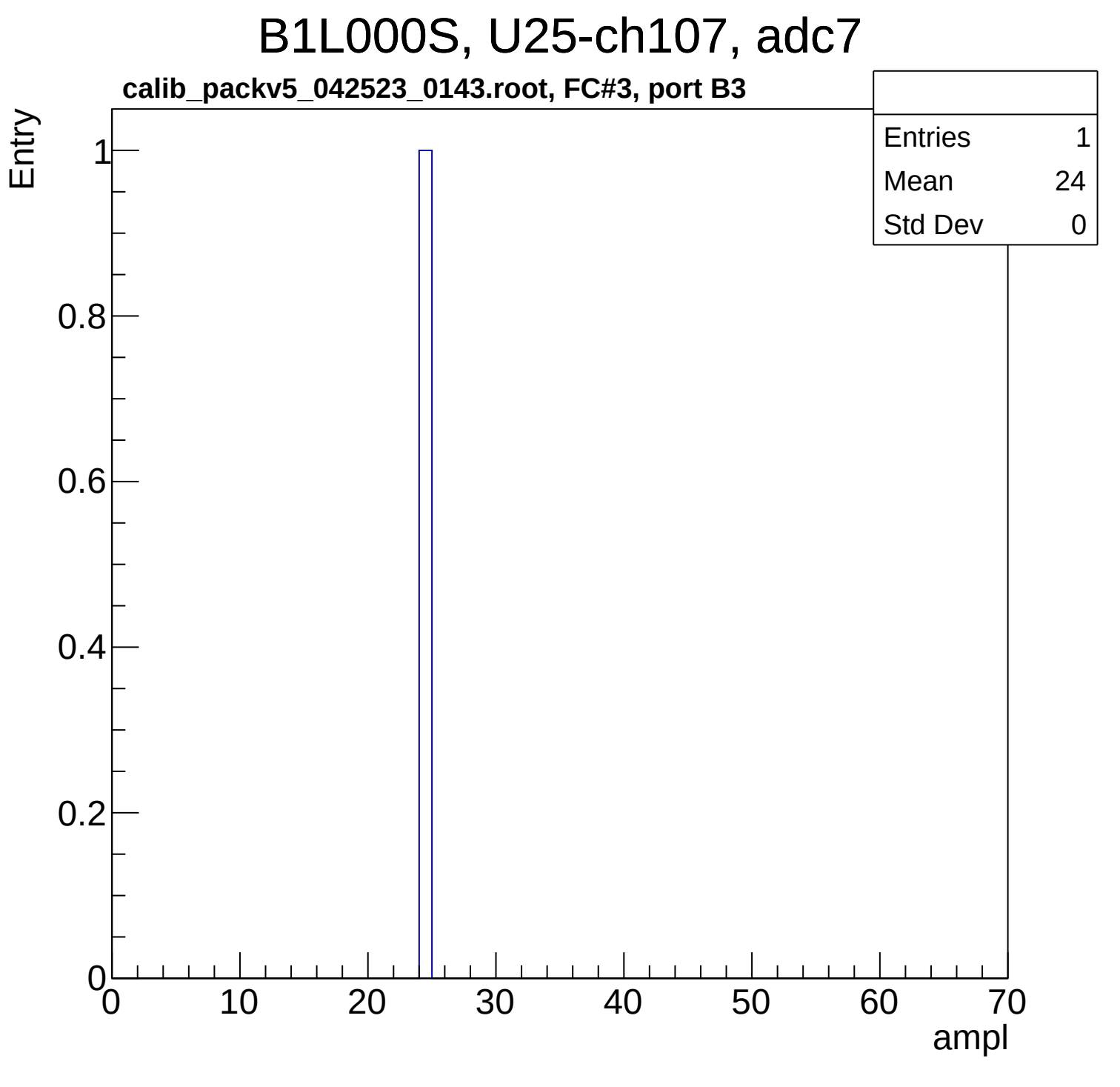
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch107, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 24
Std Dev 0
Entry
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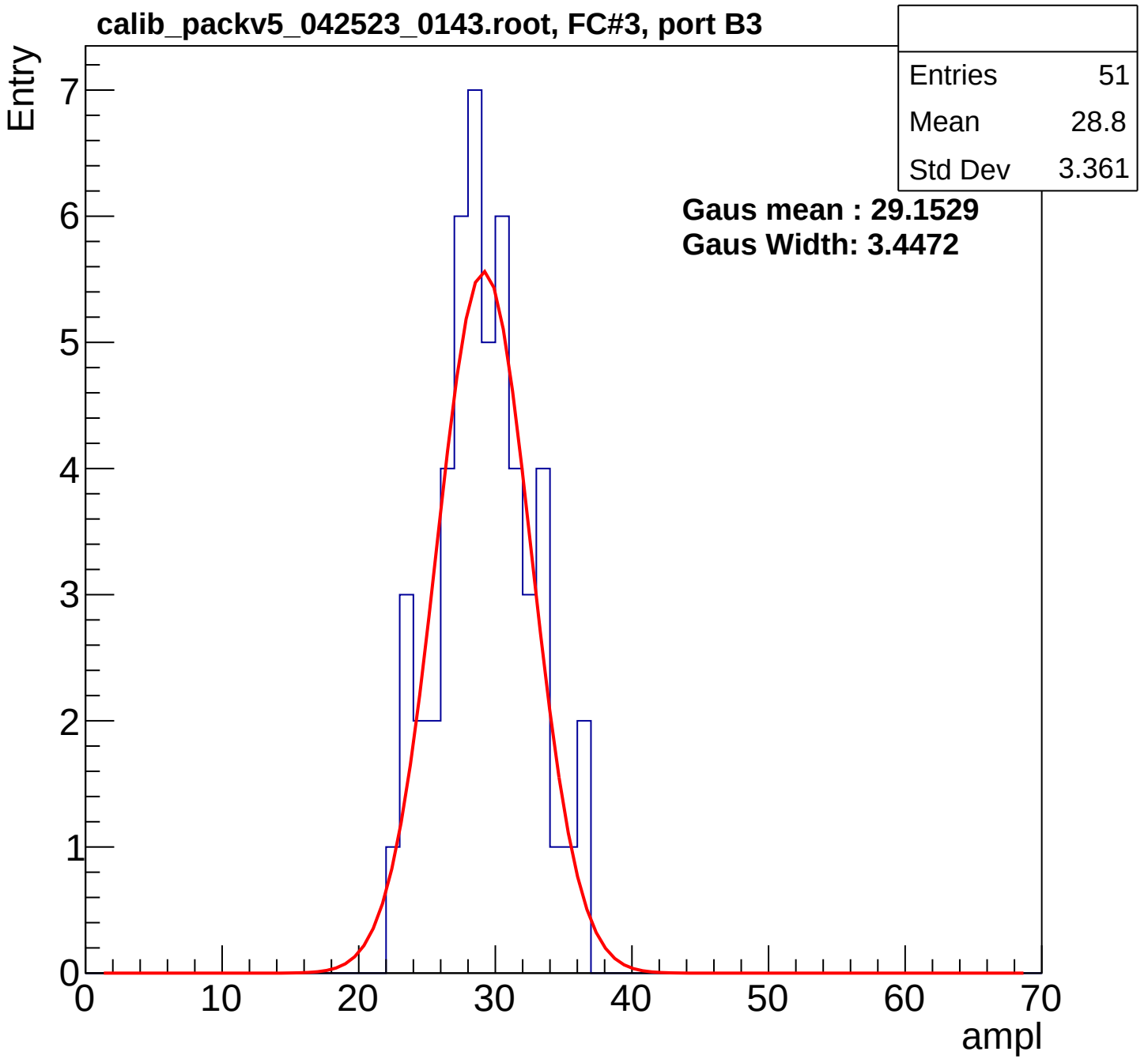
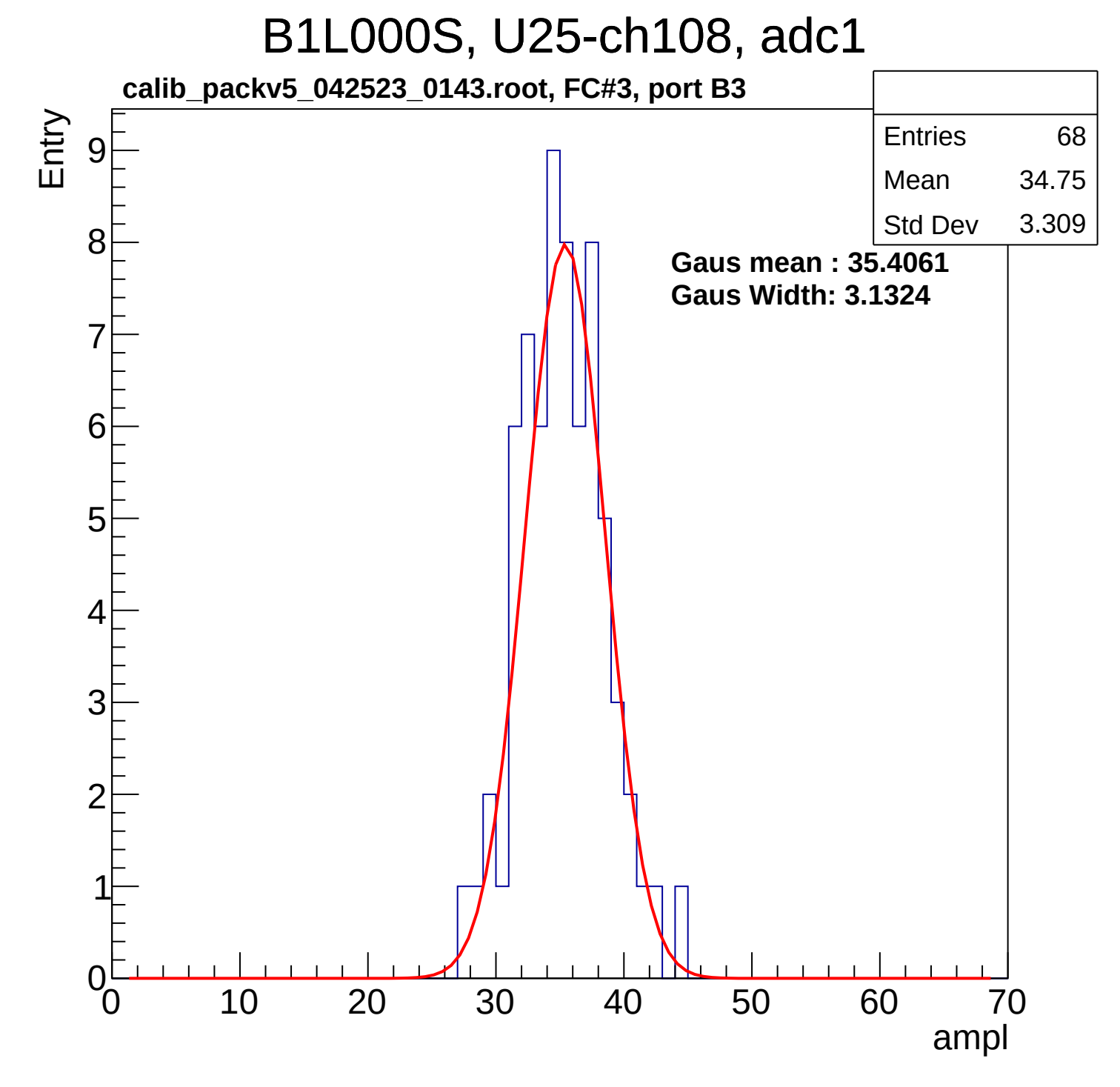
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch108, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 28.8
Std Dev 3.361
Gaus mean : 29.1529
Gaus Width: 3.4472
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U25-ch108, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 34.75
Std Dev 3.309
Gaus mean : 35.4061
Gaus Width: 3.1324
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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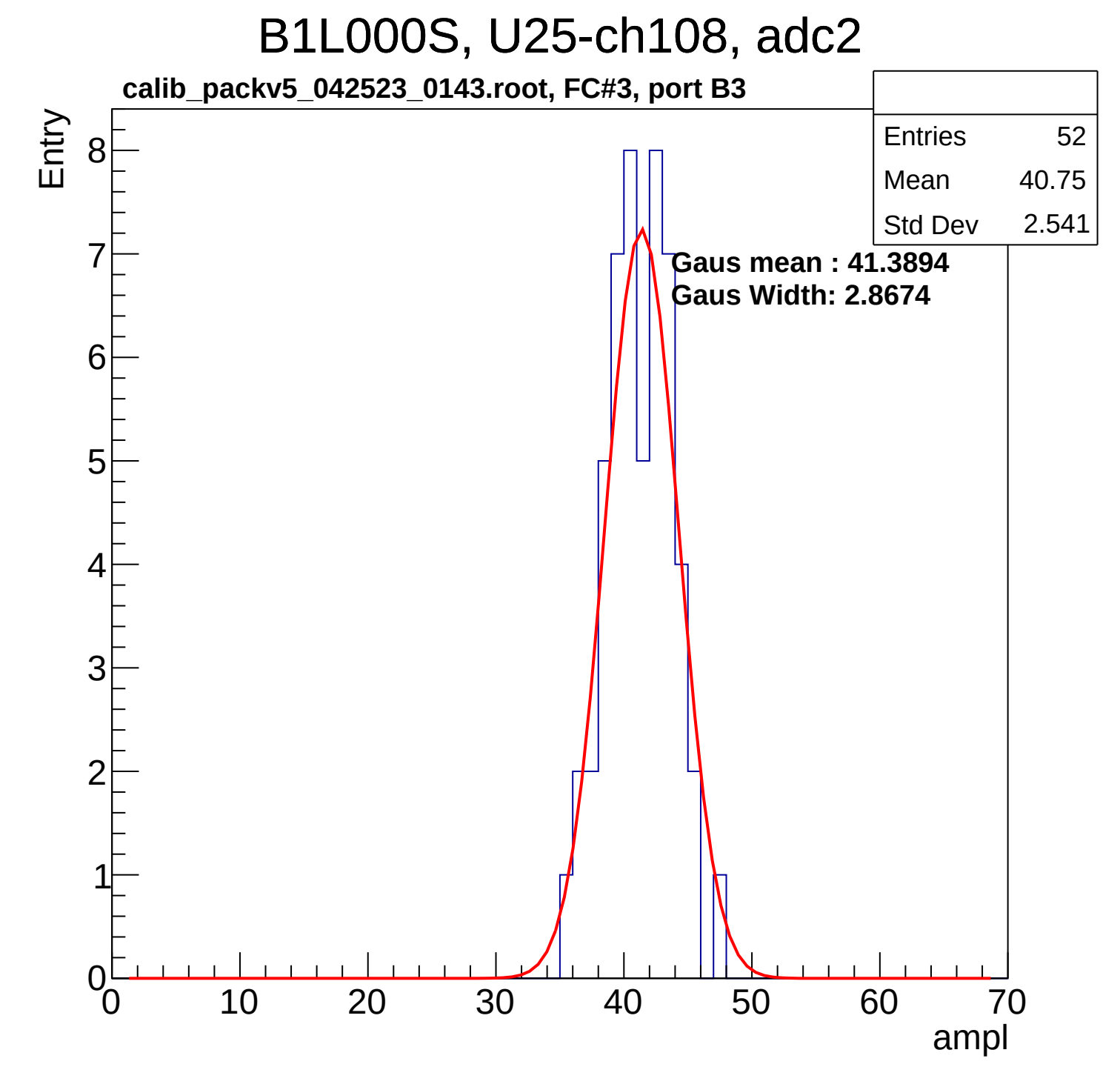
B1L000S, U25-ch108, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 40.75
Std Dev 2.541
Gaus mean : 41.3894
Gaus Width: 2.8674
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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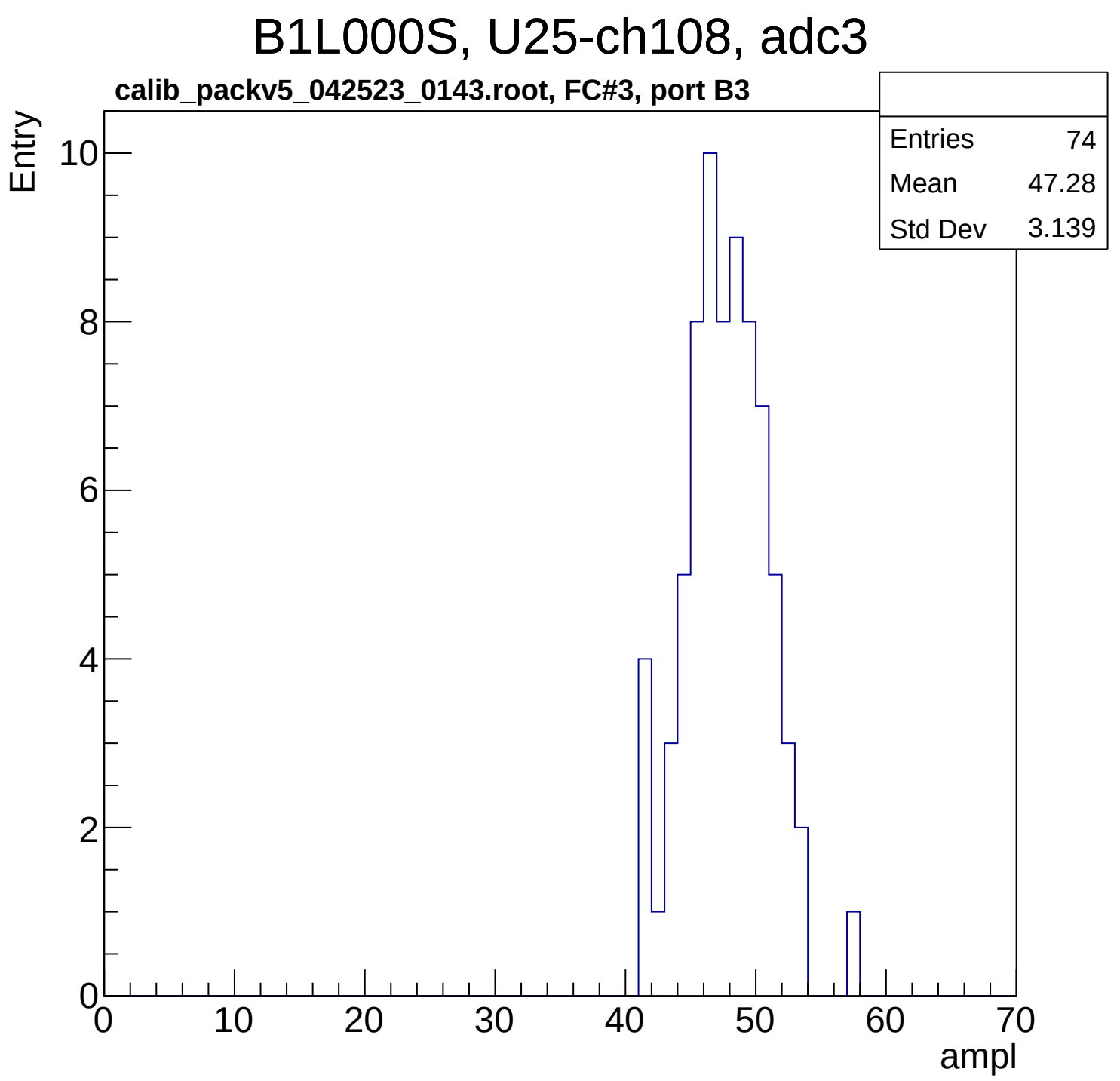
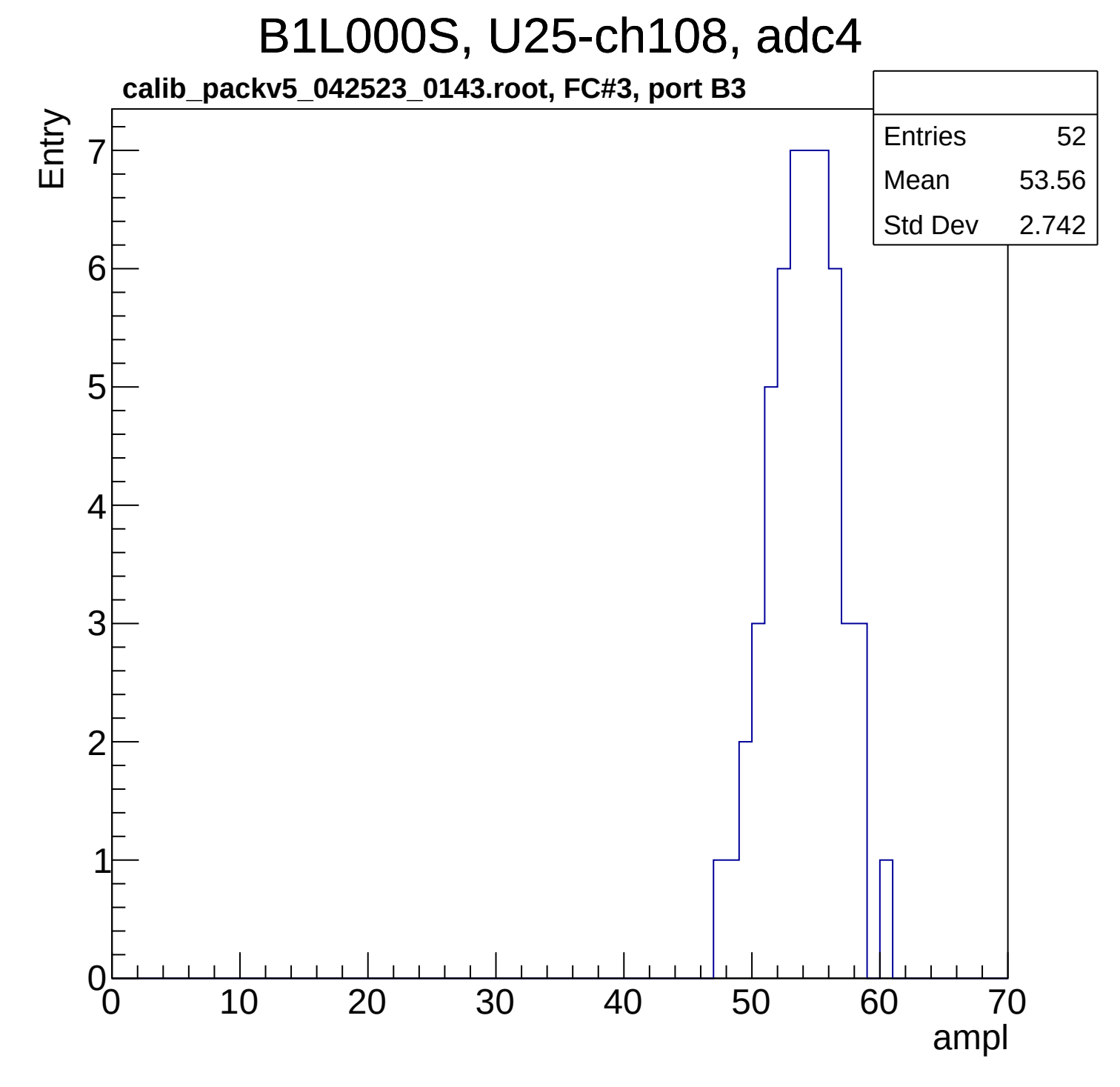
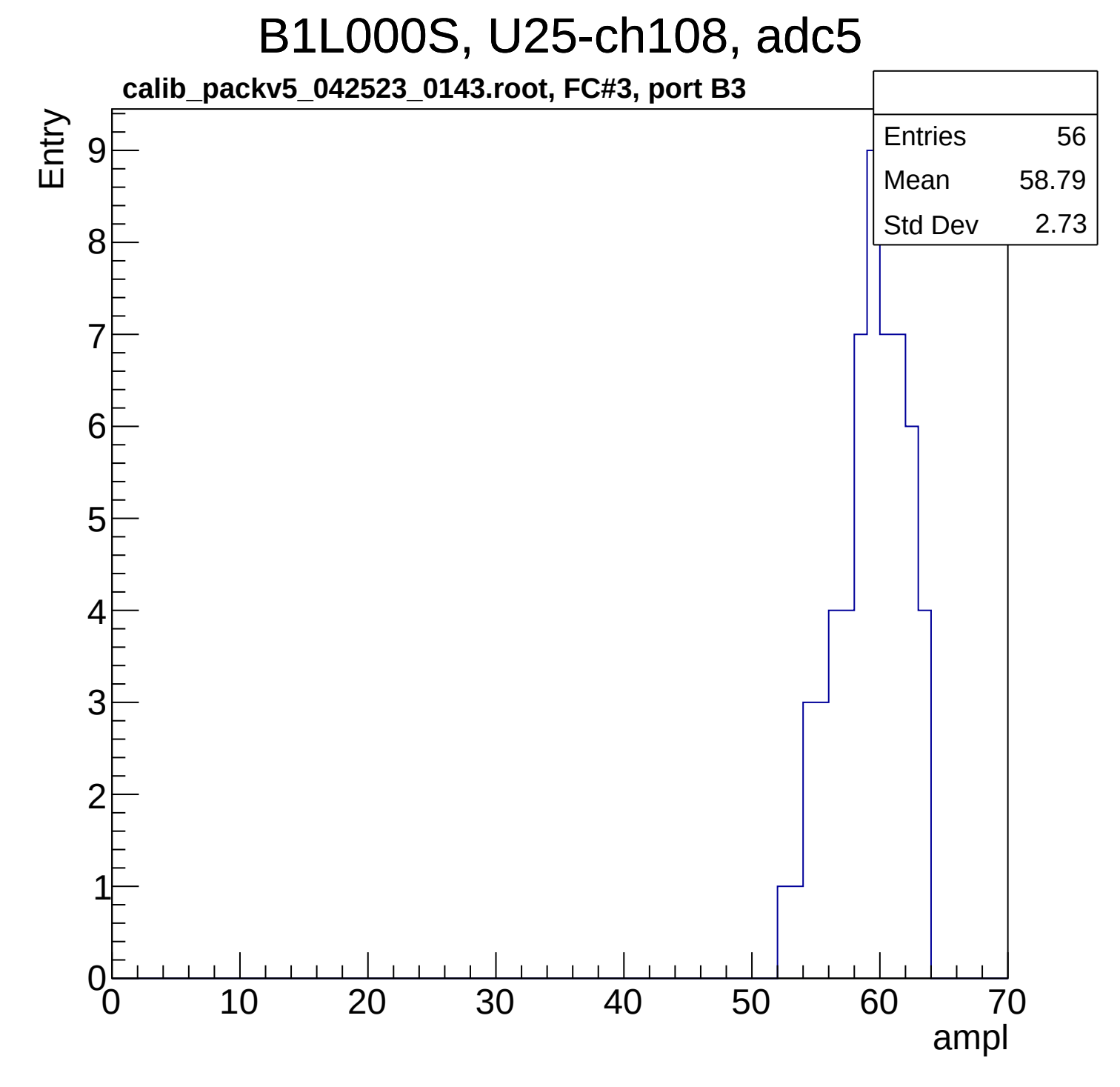

B1L000S, U25-ch108, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 74
Mean 47.28
Std Dev 3.139
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch108, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 53.56
Std Dev 2.742
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U25-ch108, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 58.79
Std Dev 2.73
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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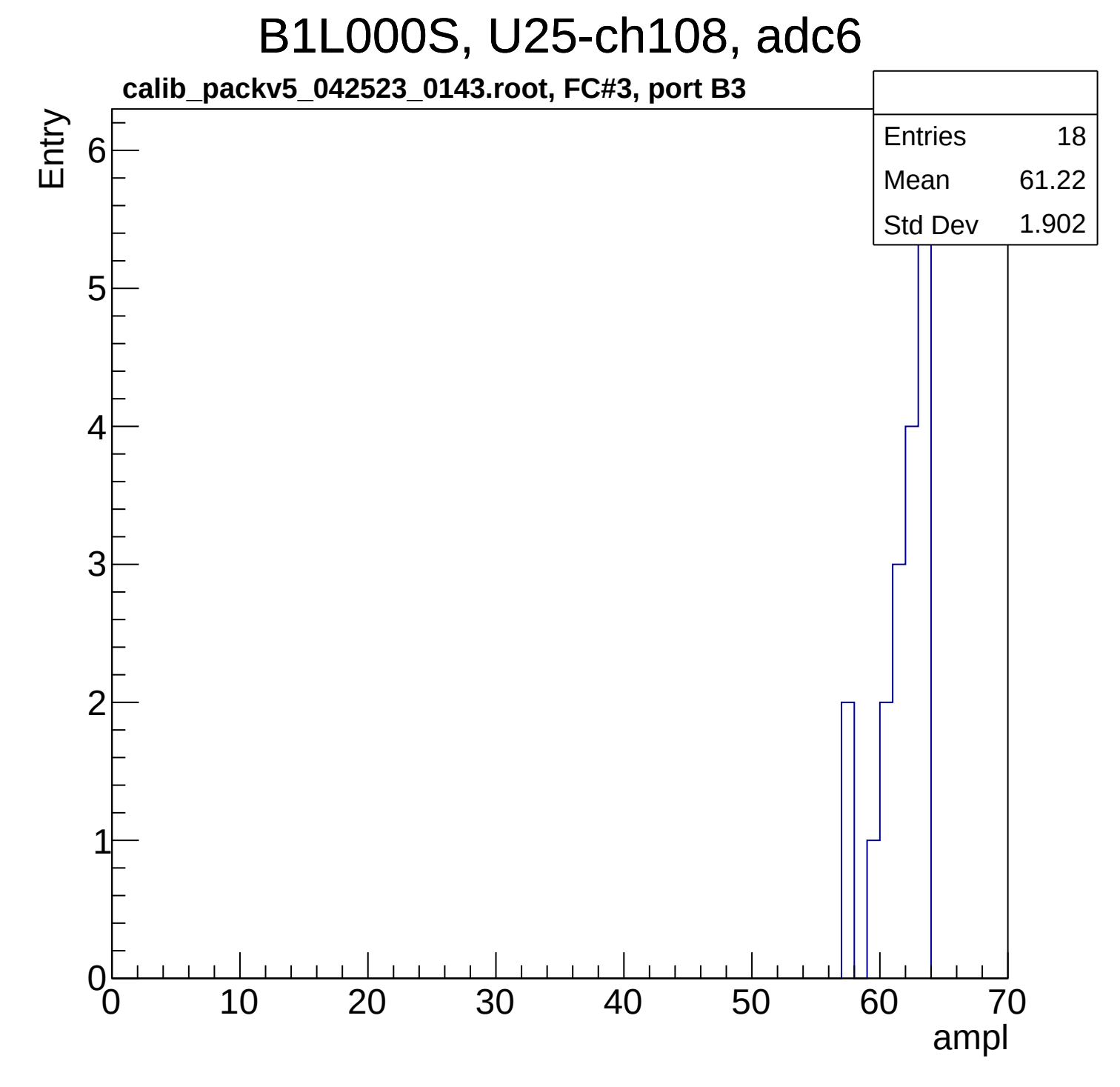
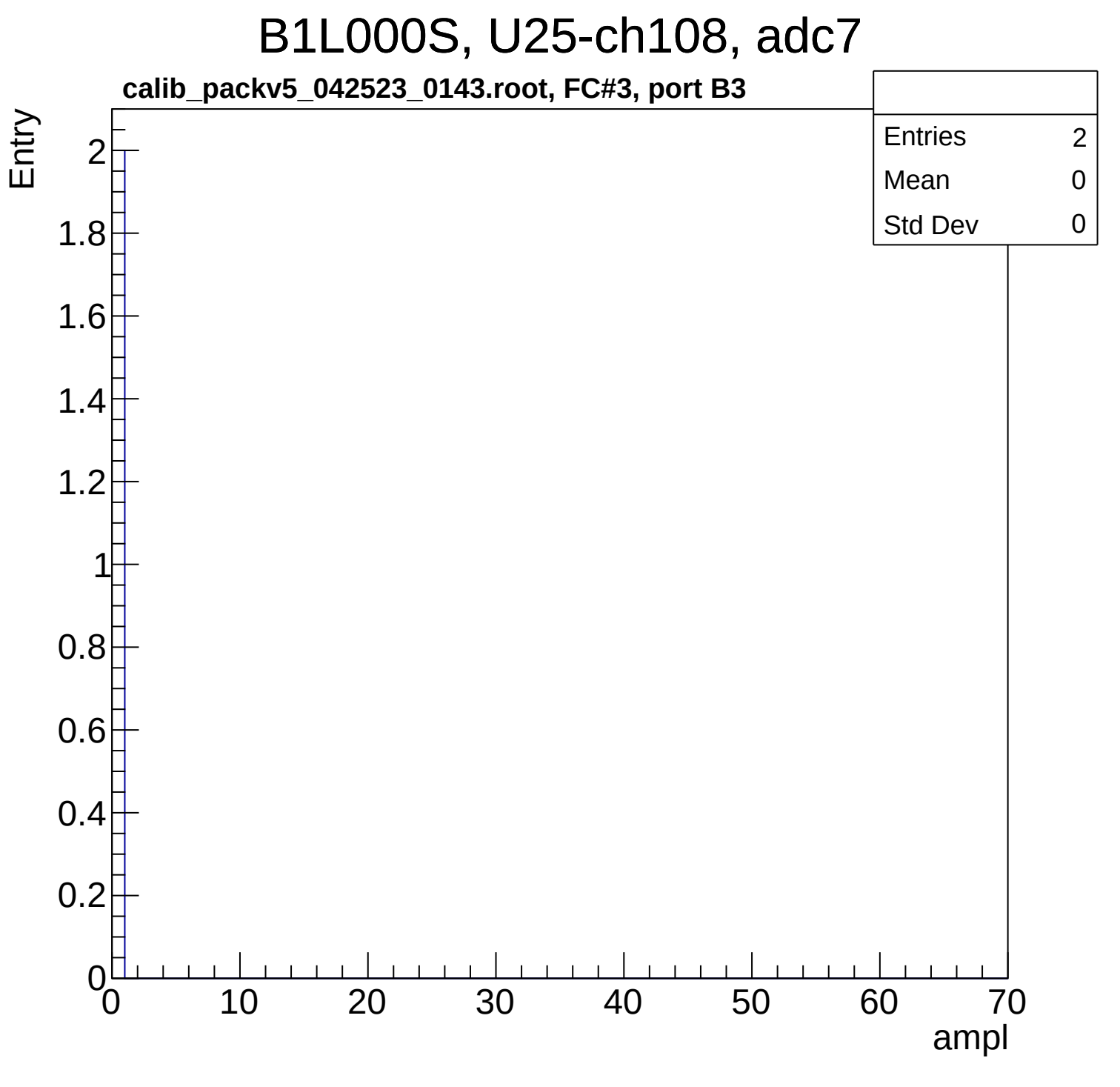
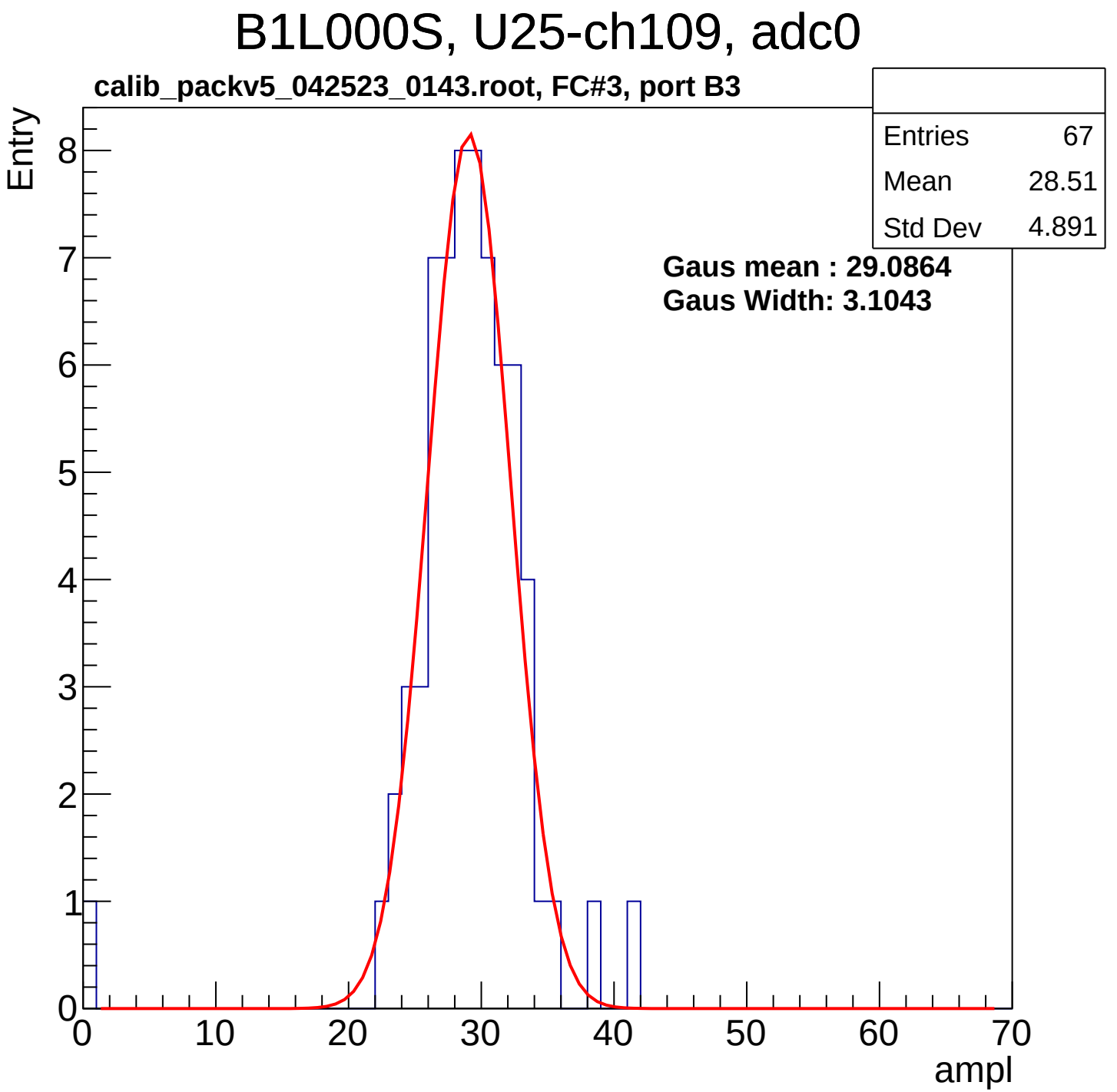
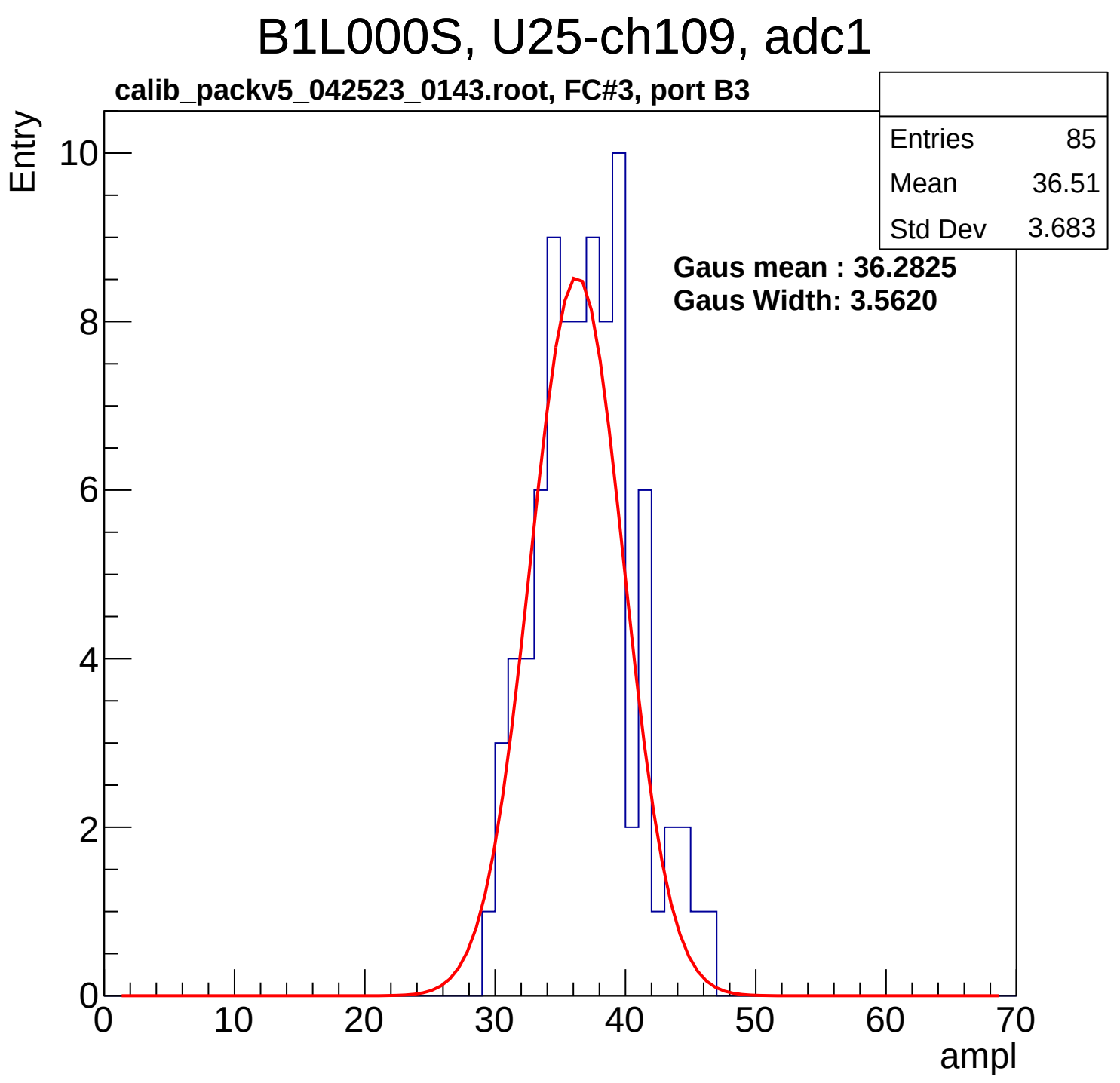
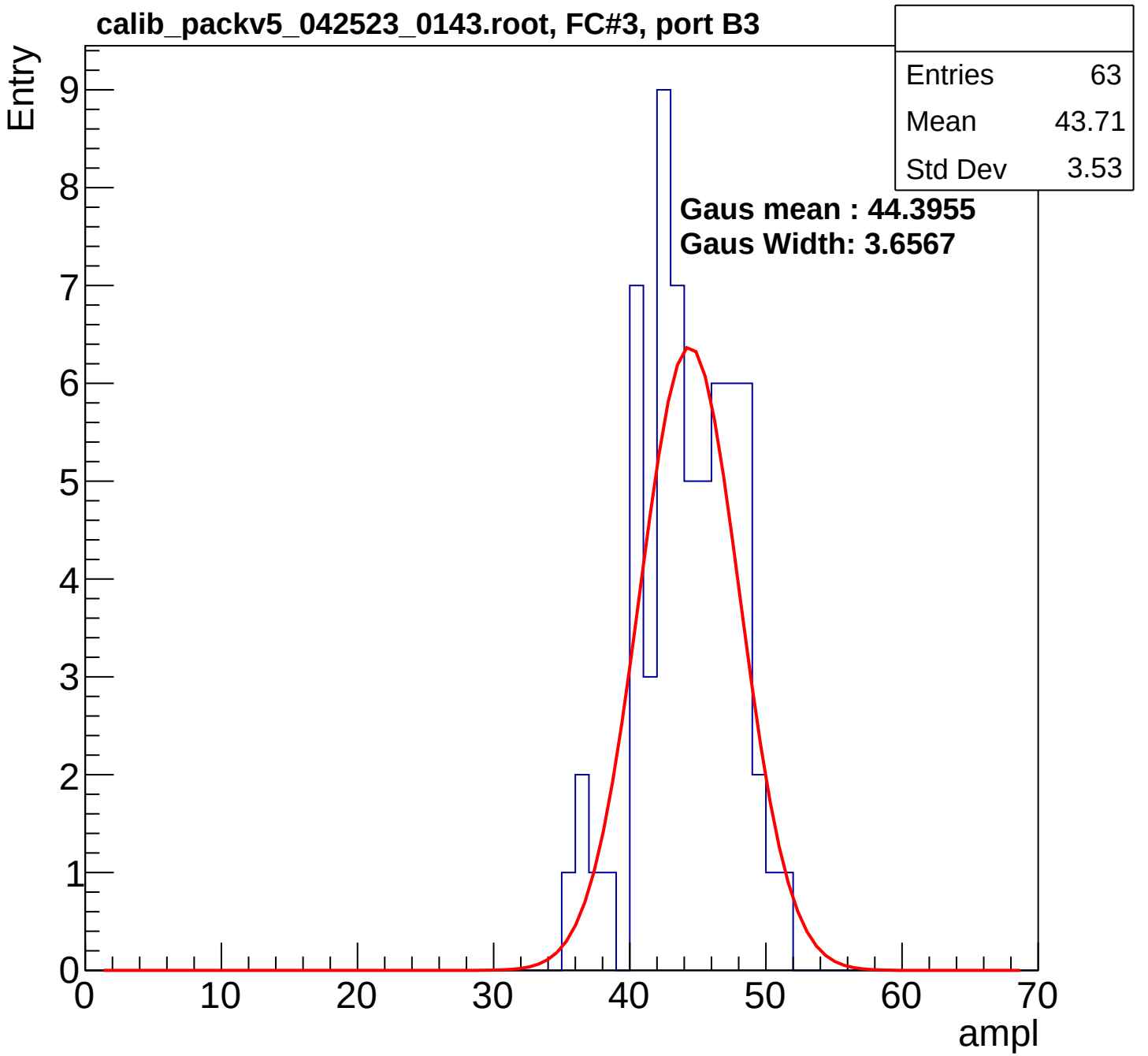
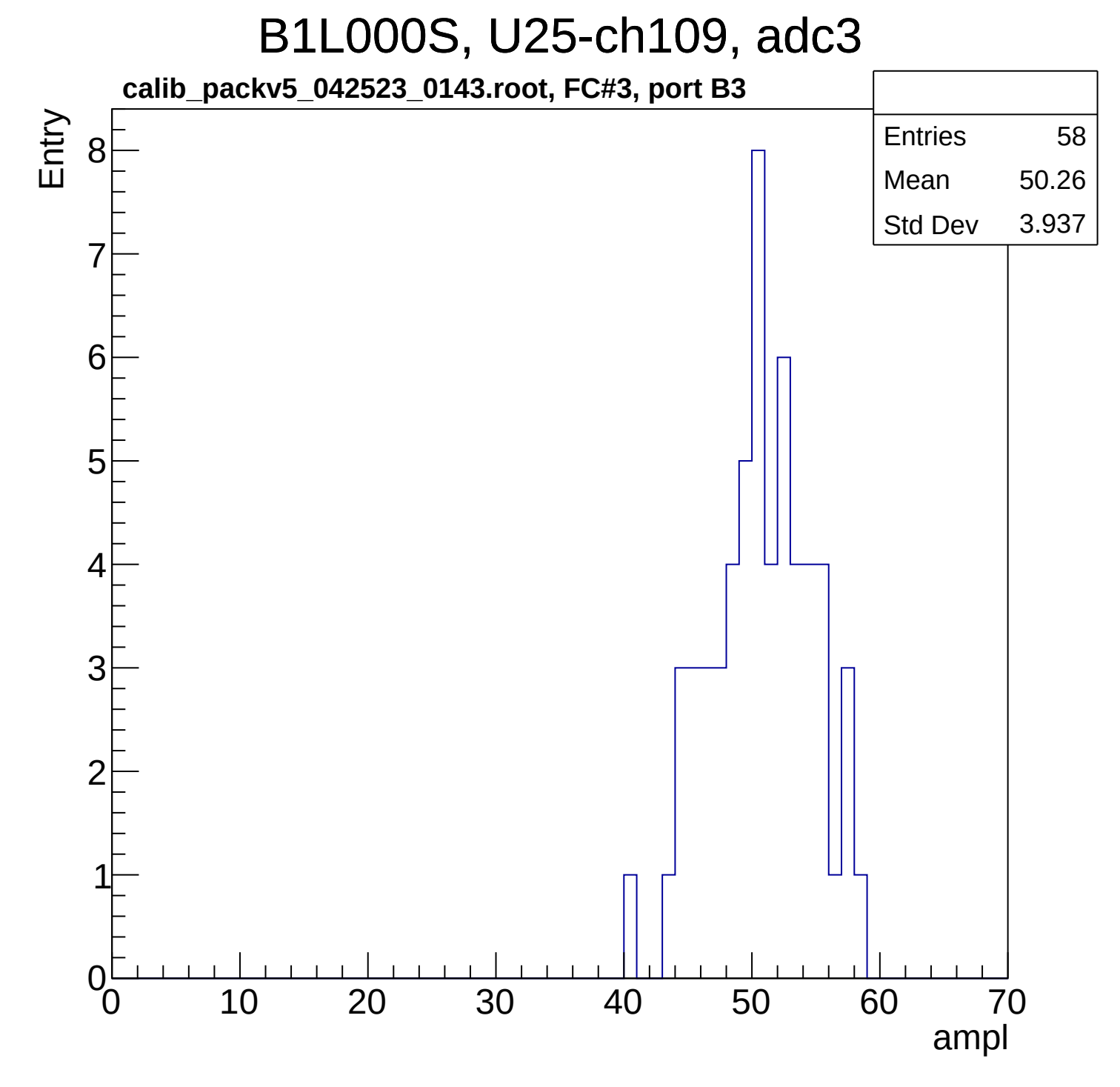

B1L000S, U25-ch108, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 18
Mean 61.22
Std Dev 1.902
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L000S, U25-ch108, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch109, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 28.51
Std Dev 4.891
Gaus mean : 29.0864
Gaus Width: 3.1043
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch109, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 85
Mean 36.51
Std Dev 3.683
Gaus mean : 36.2825
Gaus Width: 3.5620
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch109, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 43.71
Std Dev 3.53
Gaus mean : 44.3955
Gaus Width: 3.6567
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch109, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 50.26
Std Dev 3.937
Entry
ampl
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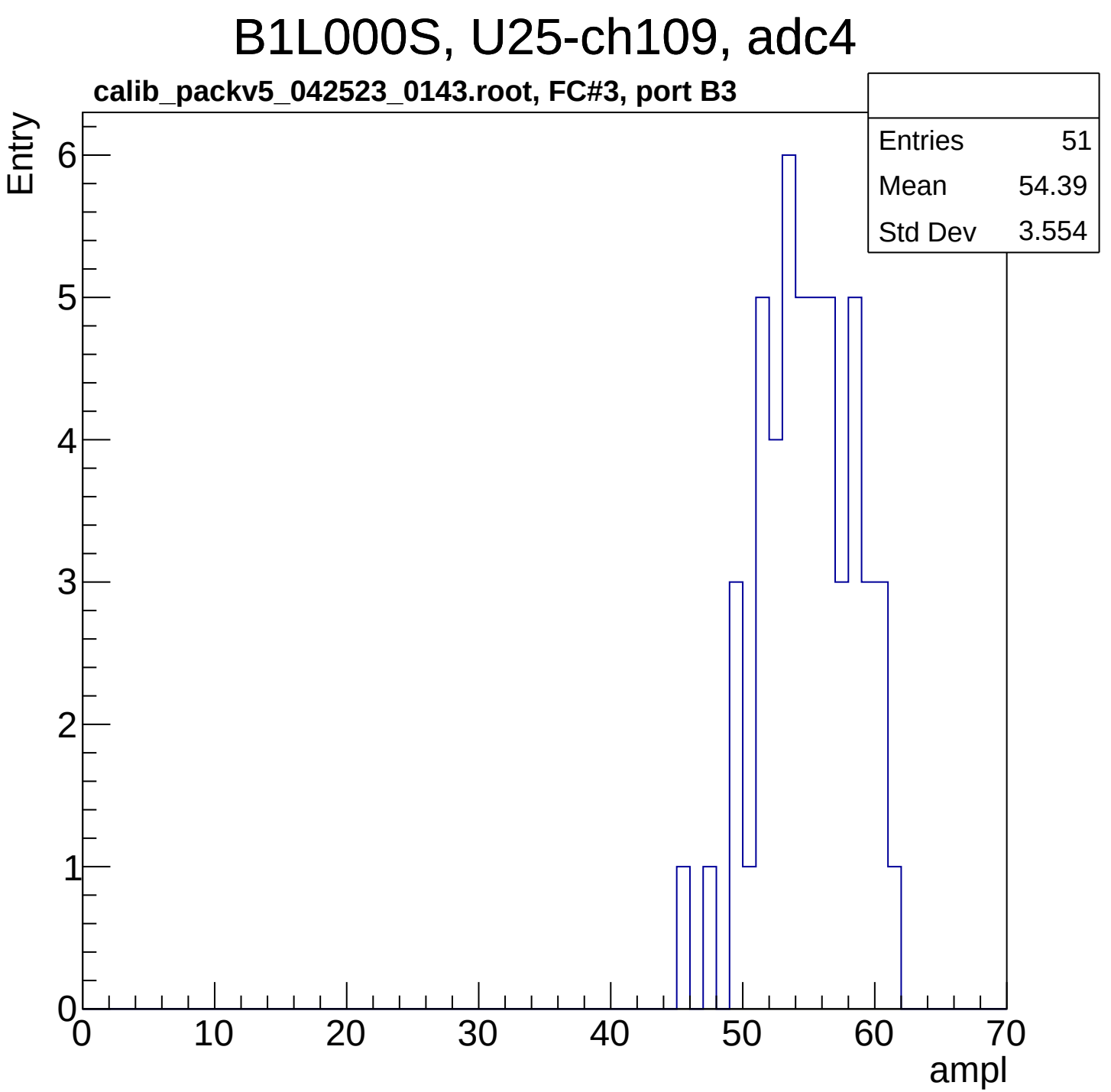
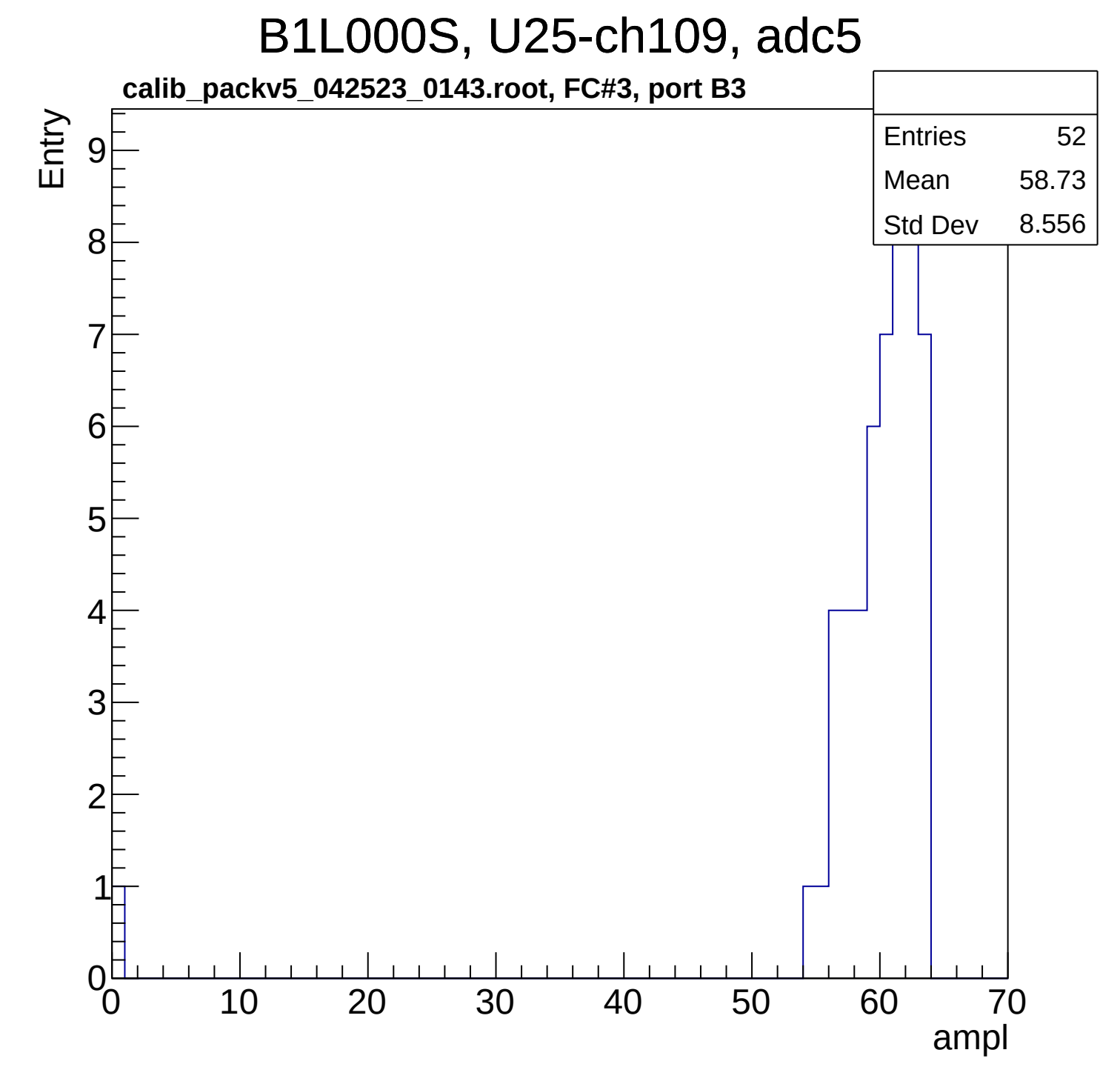
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch109, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 54.39
Std Dev 3.554
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L000S, U25-ch109, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 58.73
Std Dev 8.556
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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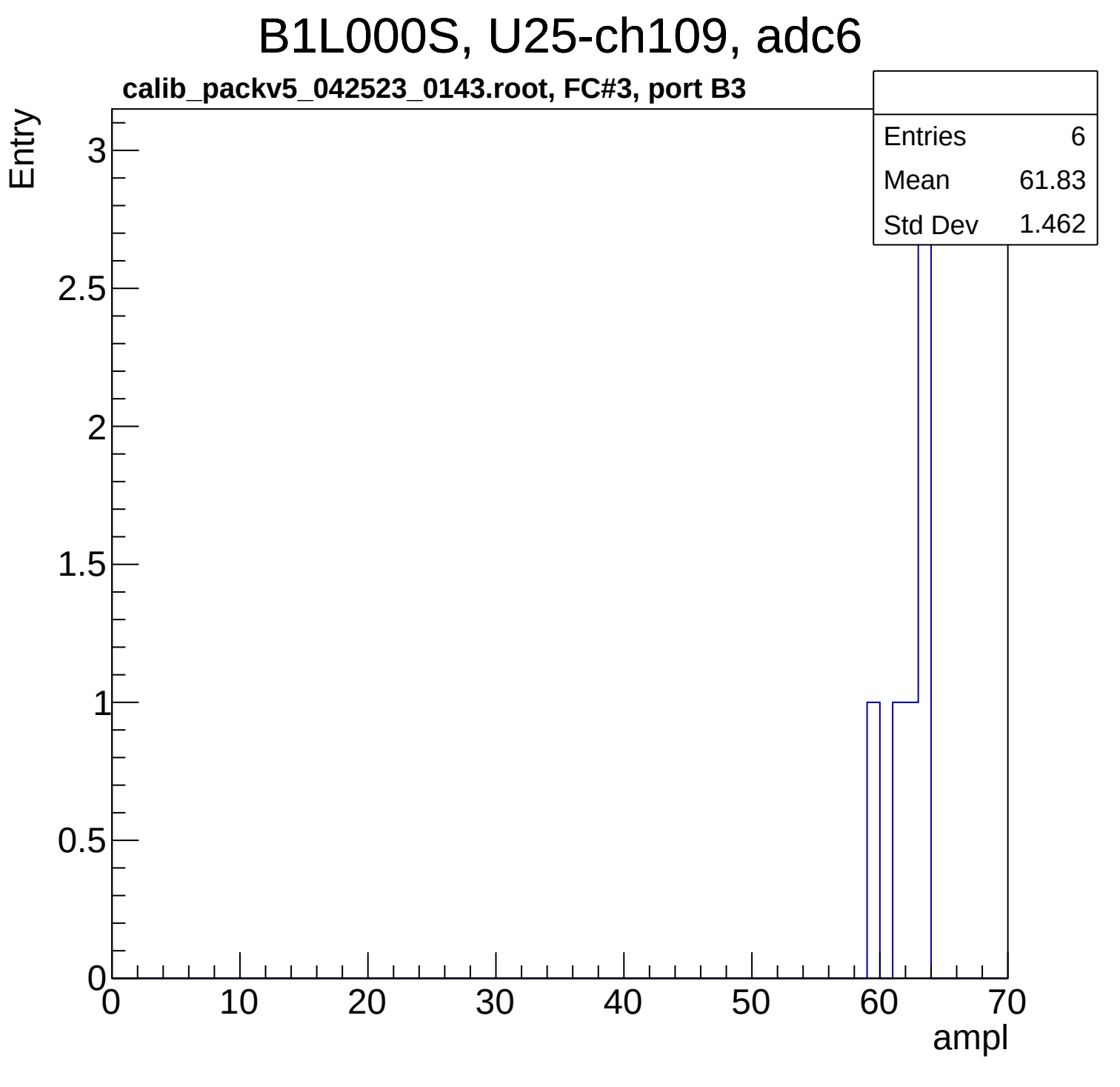
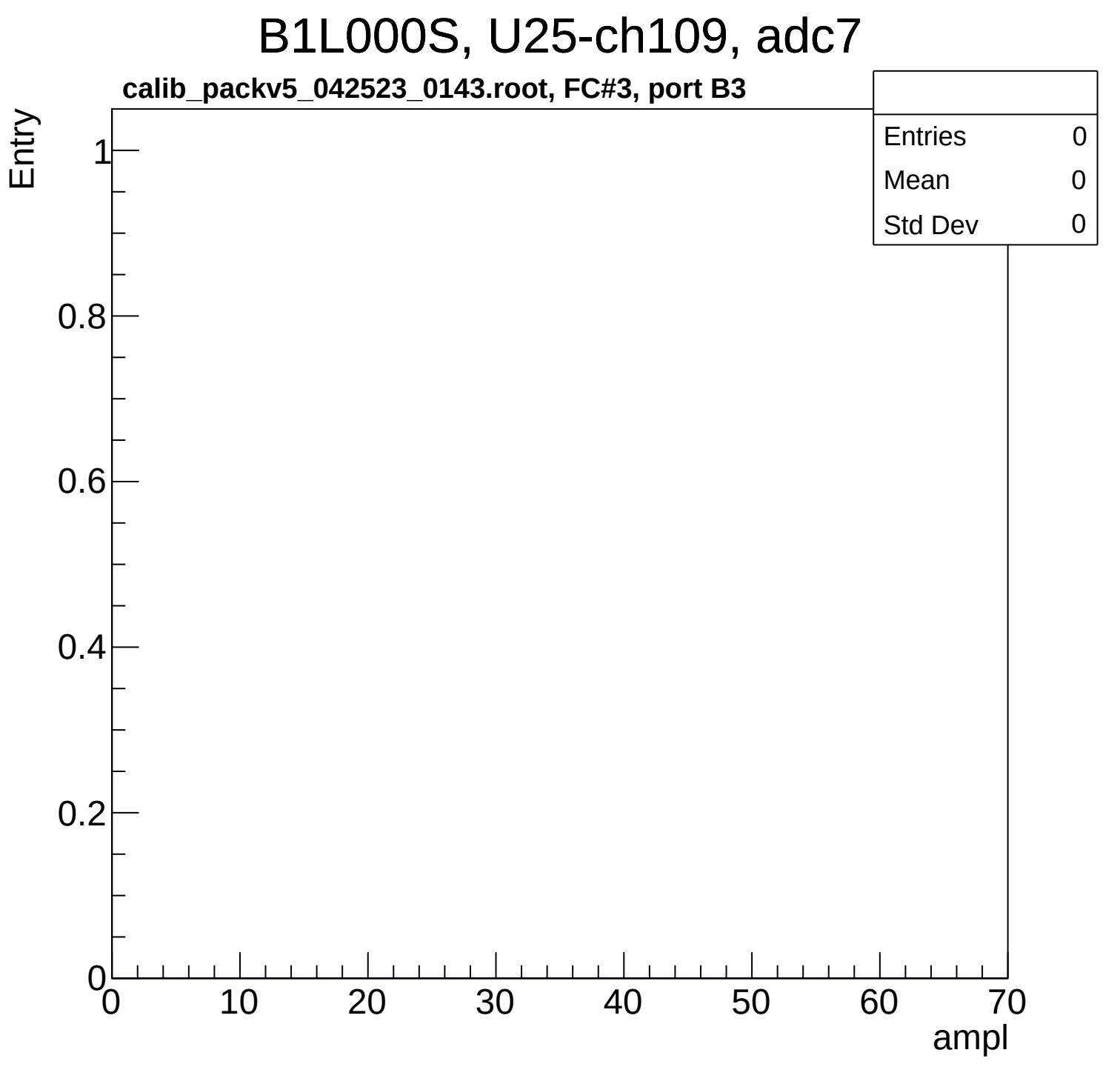
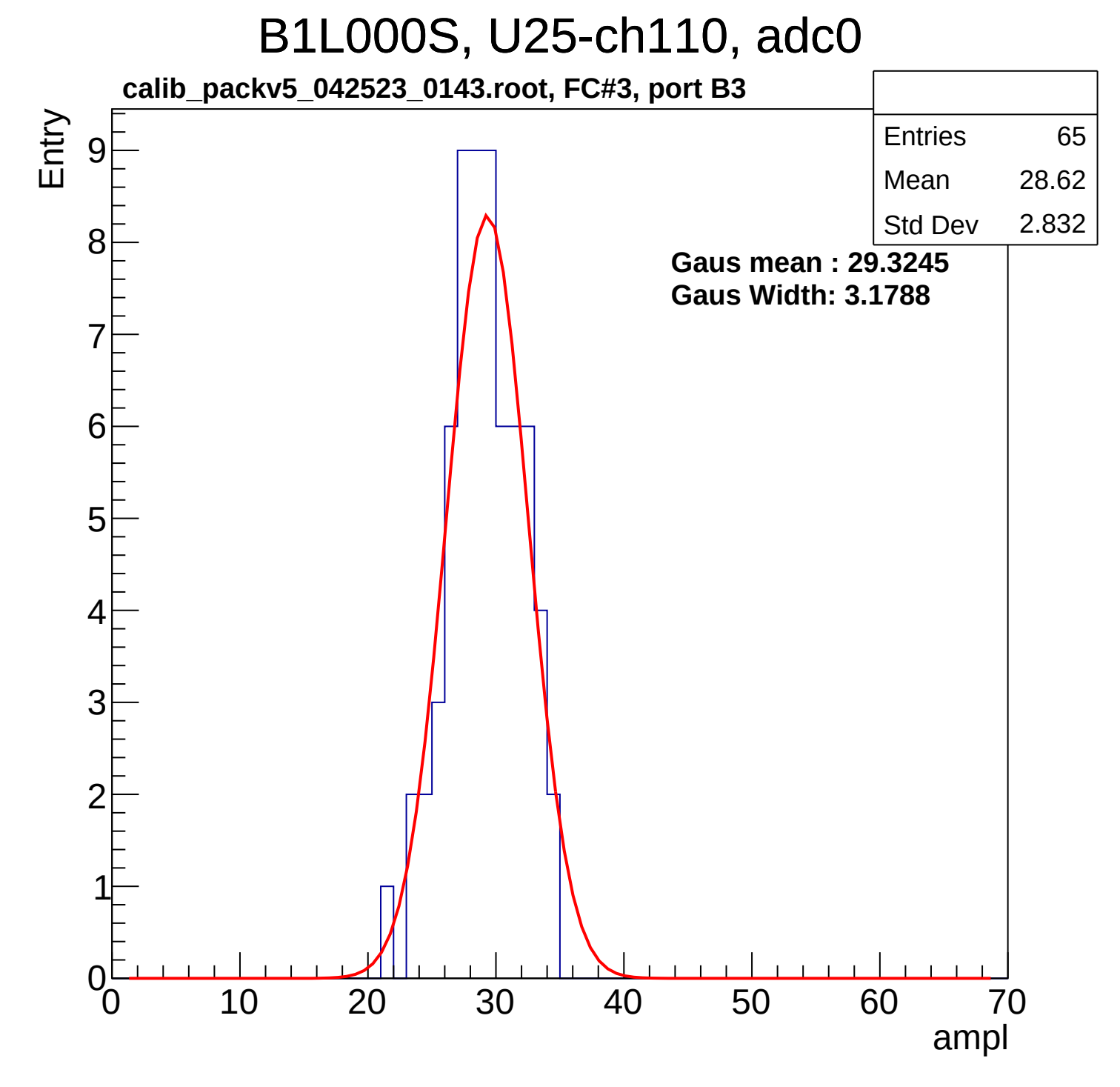
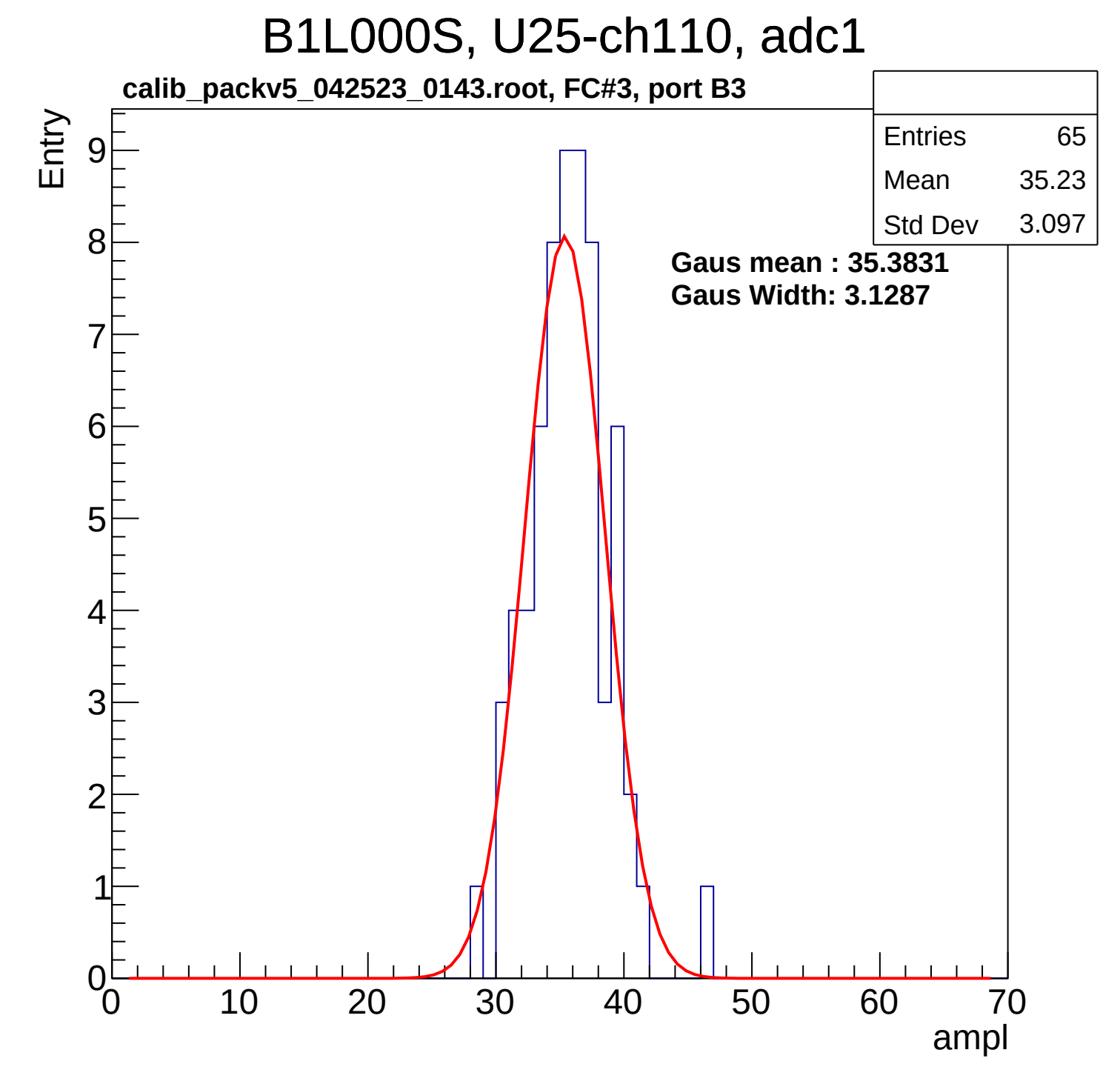
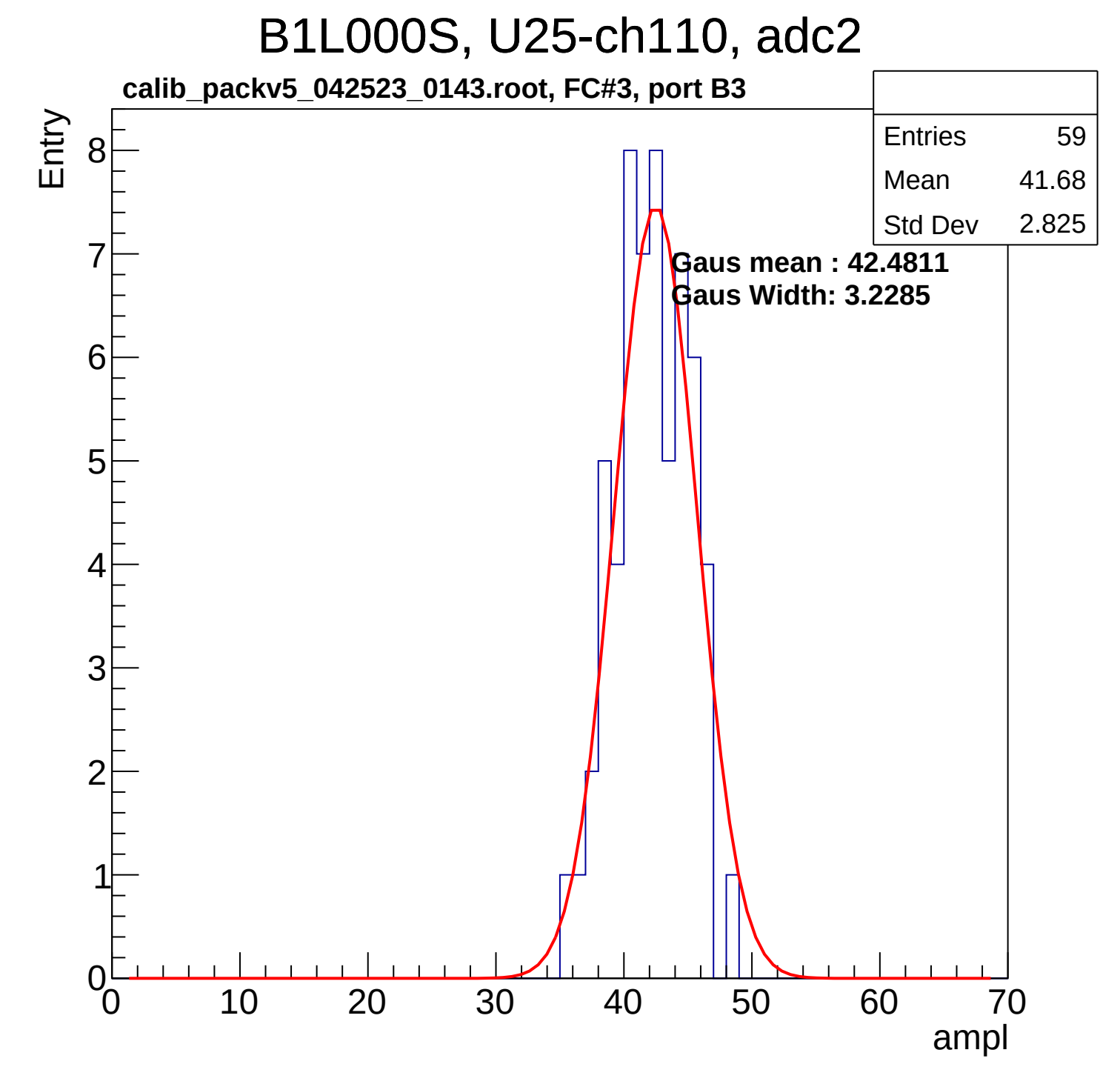

B1L000S, U25-ch109, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 6
Mean 61.83
Std Dev 1.462
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L000S, U25-ch109, 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, U25-ch110, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 28.62
Std Dev 2.832
Gaus mean : 29.3245
Gaus Width: 3.1788
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch110, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 35.23
Std Dev 3.097
Gaus mean : 35.3831
Gaus Width: 3.1287
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch110, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 41.68
Std Dev 2.825
Gaus mean : 42.4811
Gaus Width: 3.2285
Entry
ampl
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1
2
3
4
5
6
7
8
0
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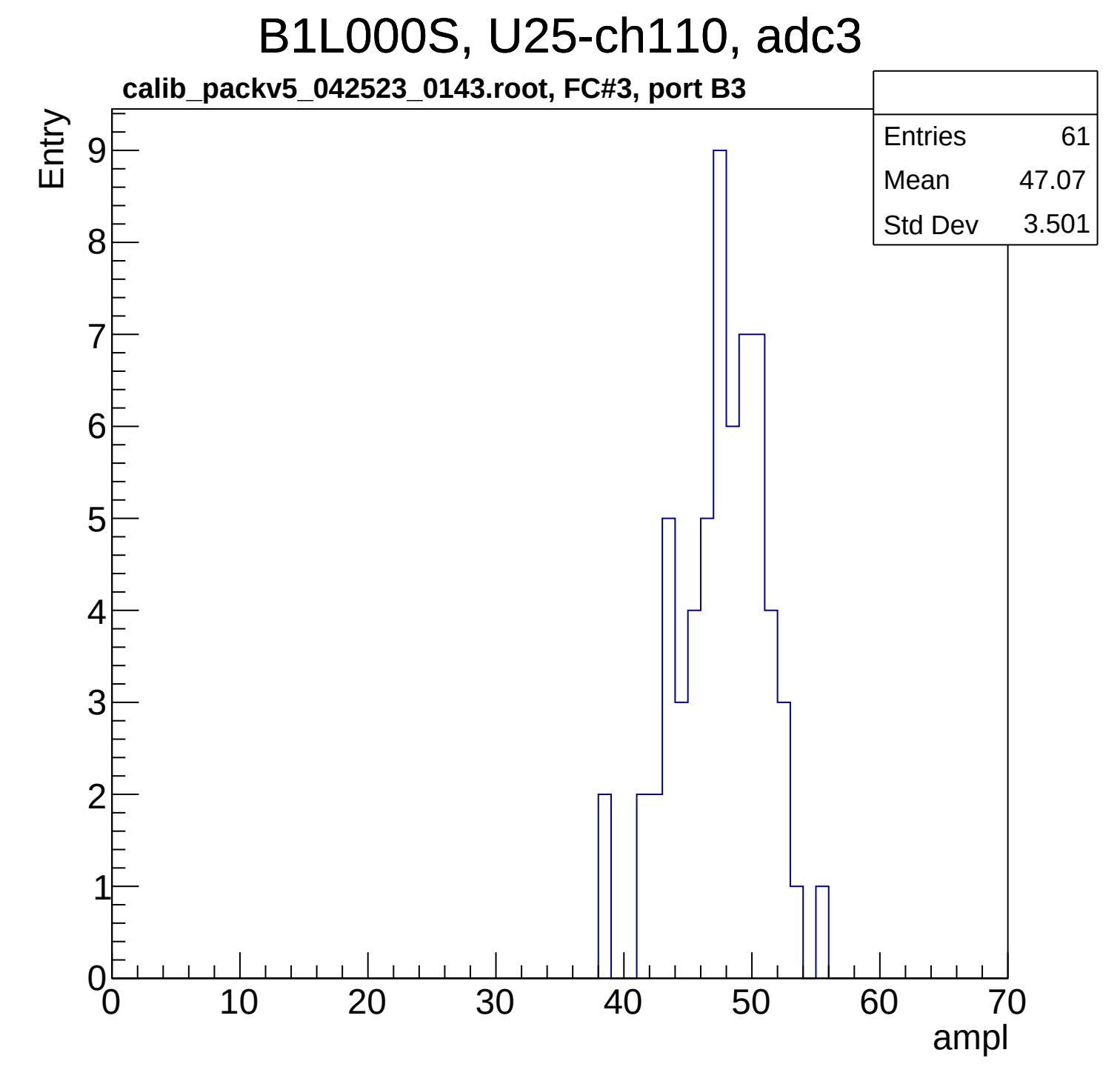
20
30
40
50
60
70


B1L000S, U25-ch110, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 47.07
Std Dev 3.501
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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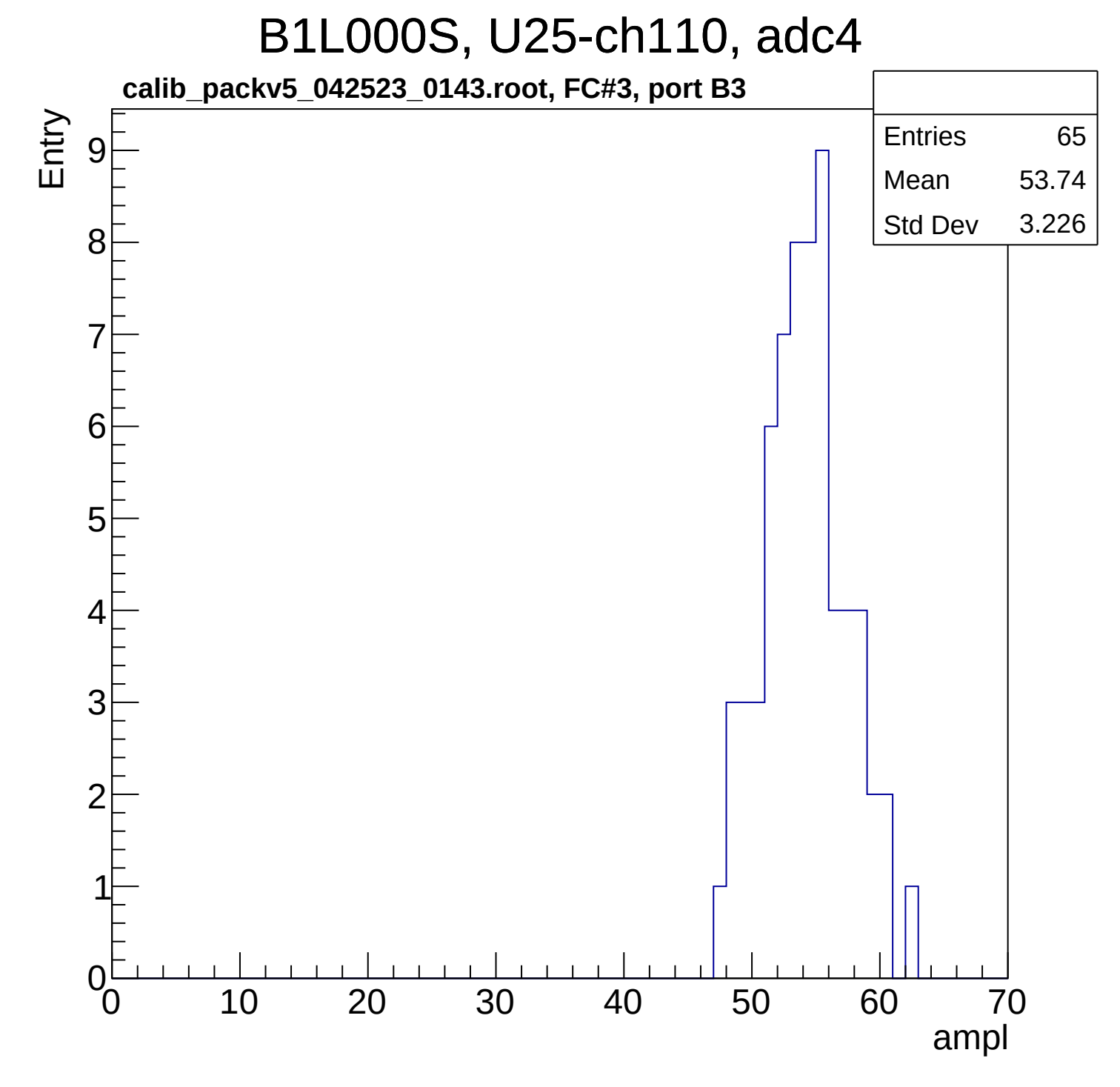
B1L000S, U25-ch110, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 53.74
Std Dev 3.226
Entry
ampl
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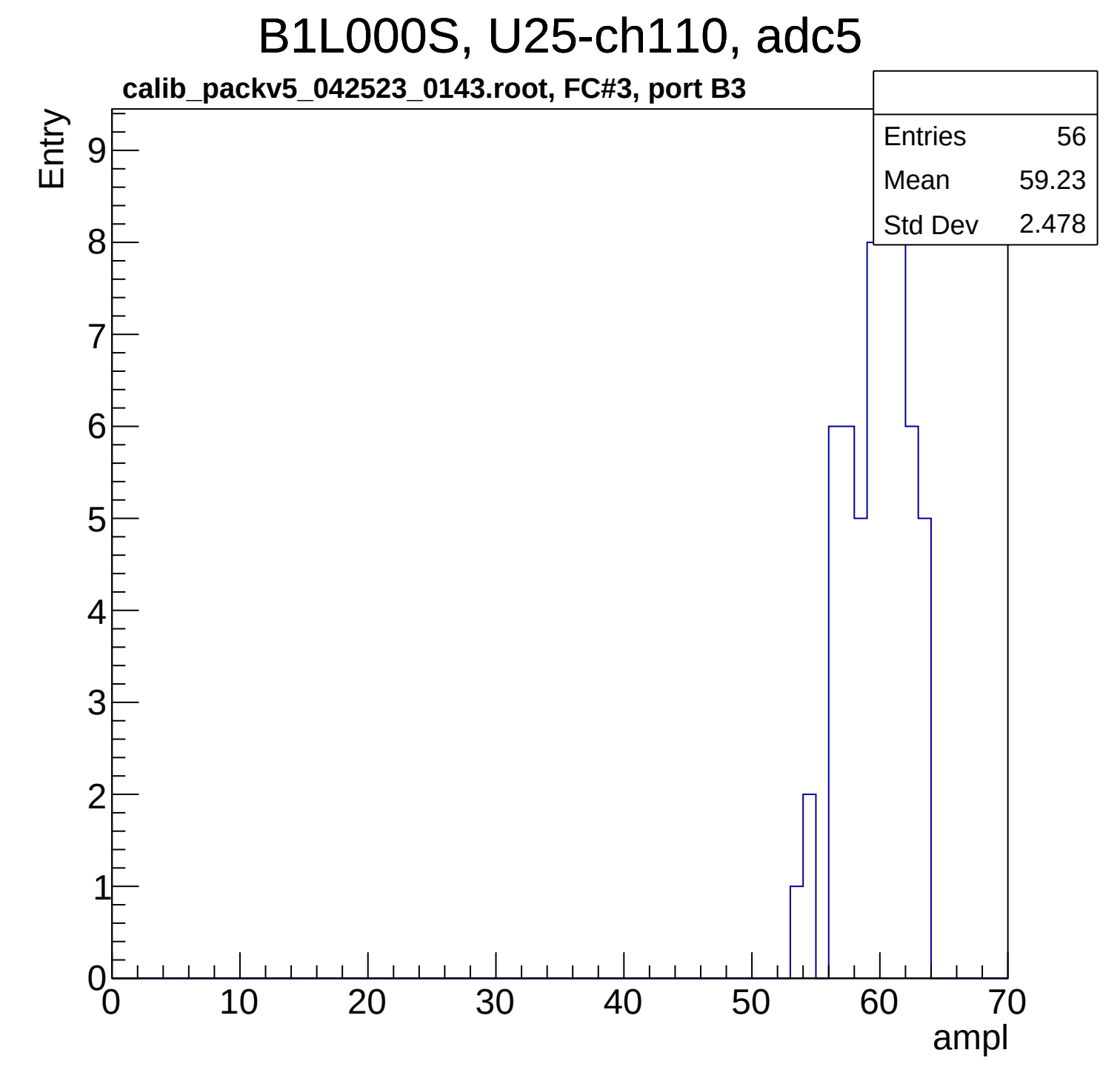
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch110, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 59.23
Std Dev 2.478
Entry
ampl
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3
4
5
6
7
8
9
0
10
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40
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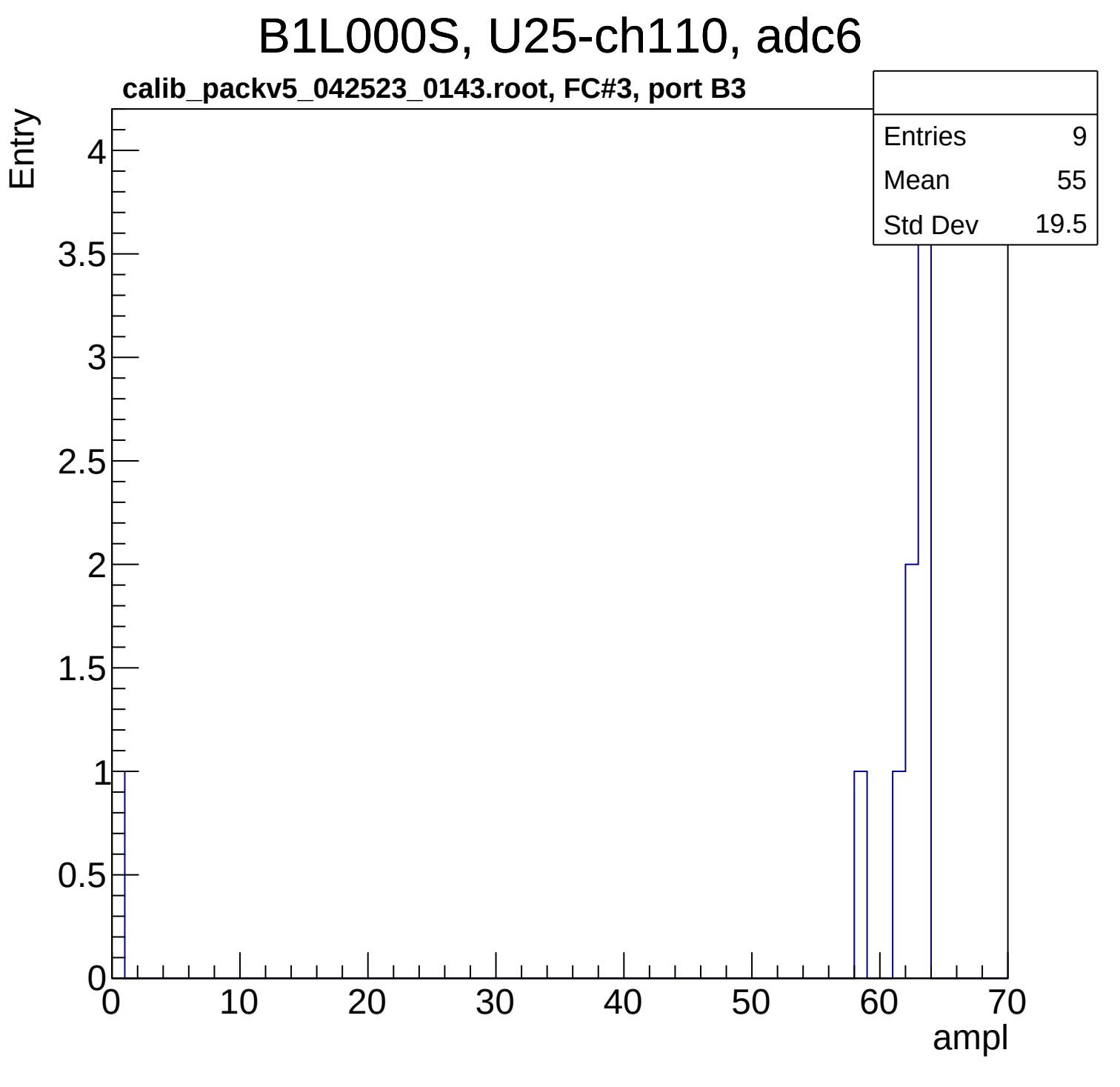
60
70


B1L000S, U25-ch110, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 55
Std Dev 19.5
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
4
0
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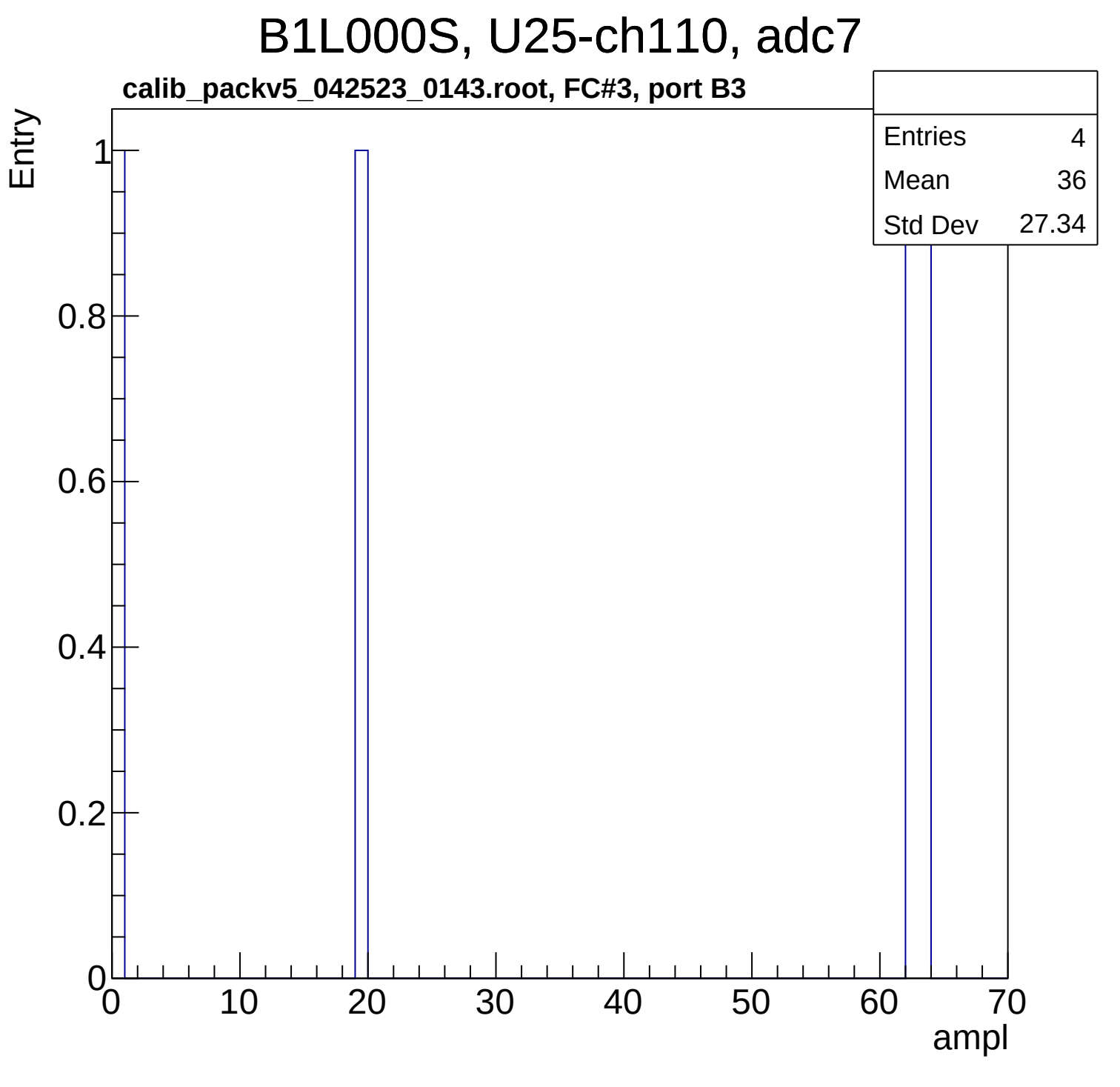
20
30
40
50
60
70


B1L000S, U25-ch110, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 36
Std Dev 27.34
Entry
ampl
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0.2
0.4
0.6
0.8
1
0
10
20
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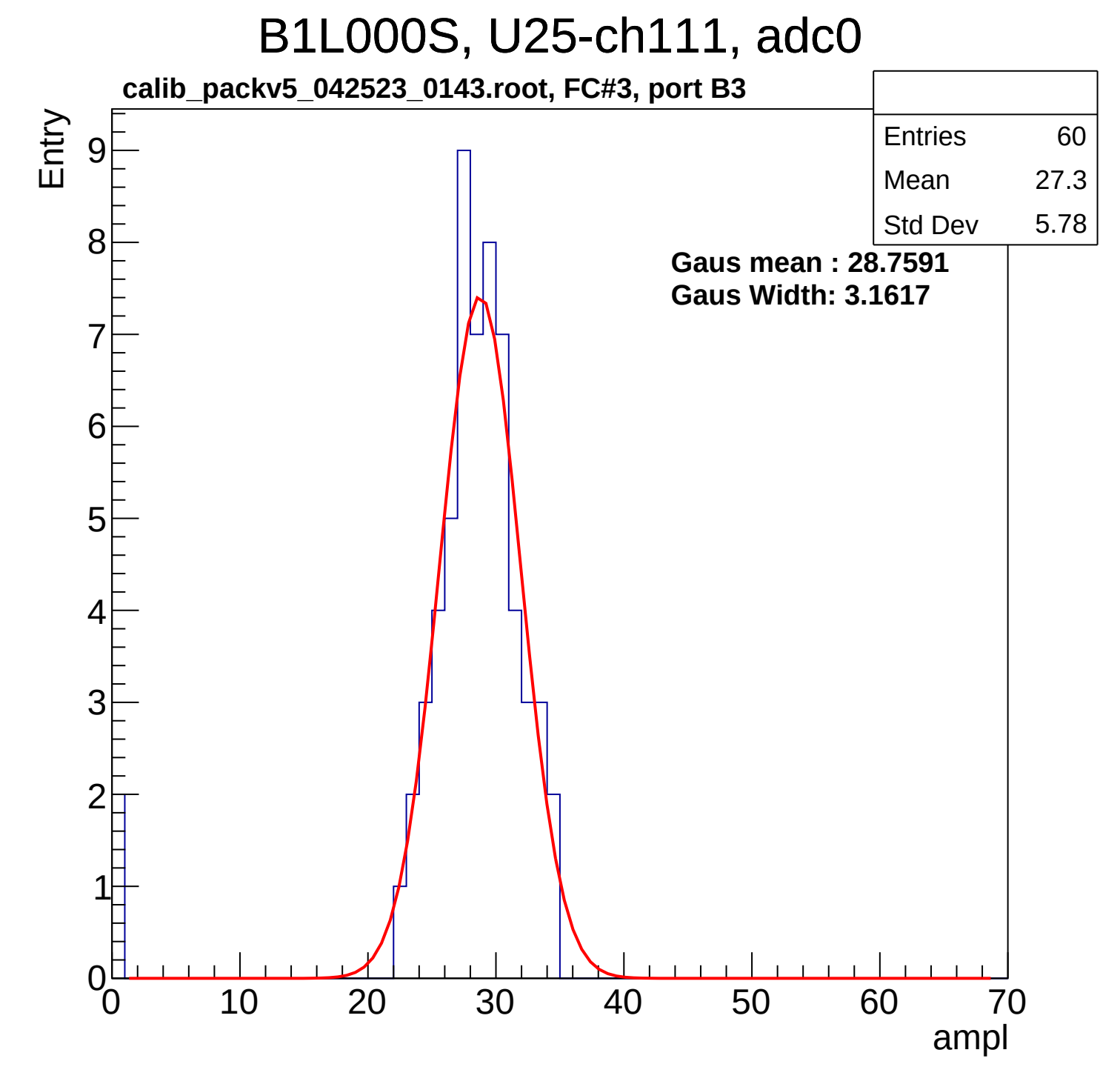
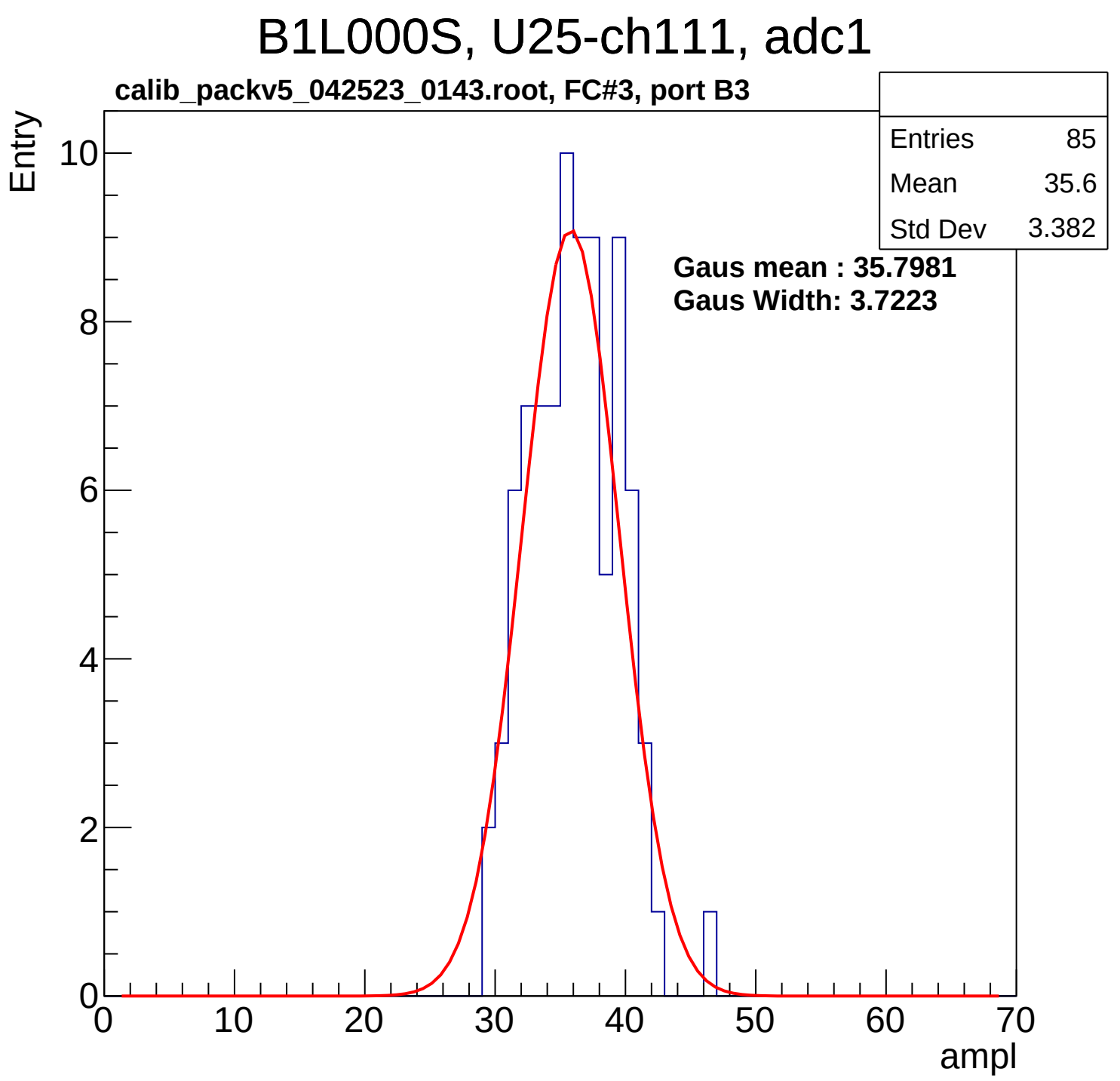
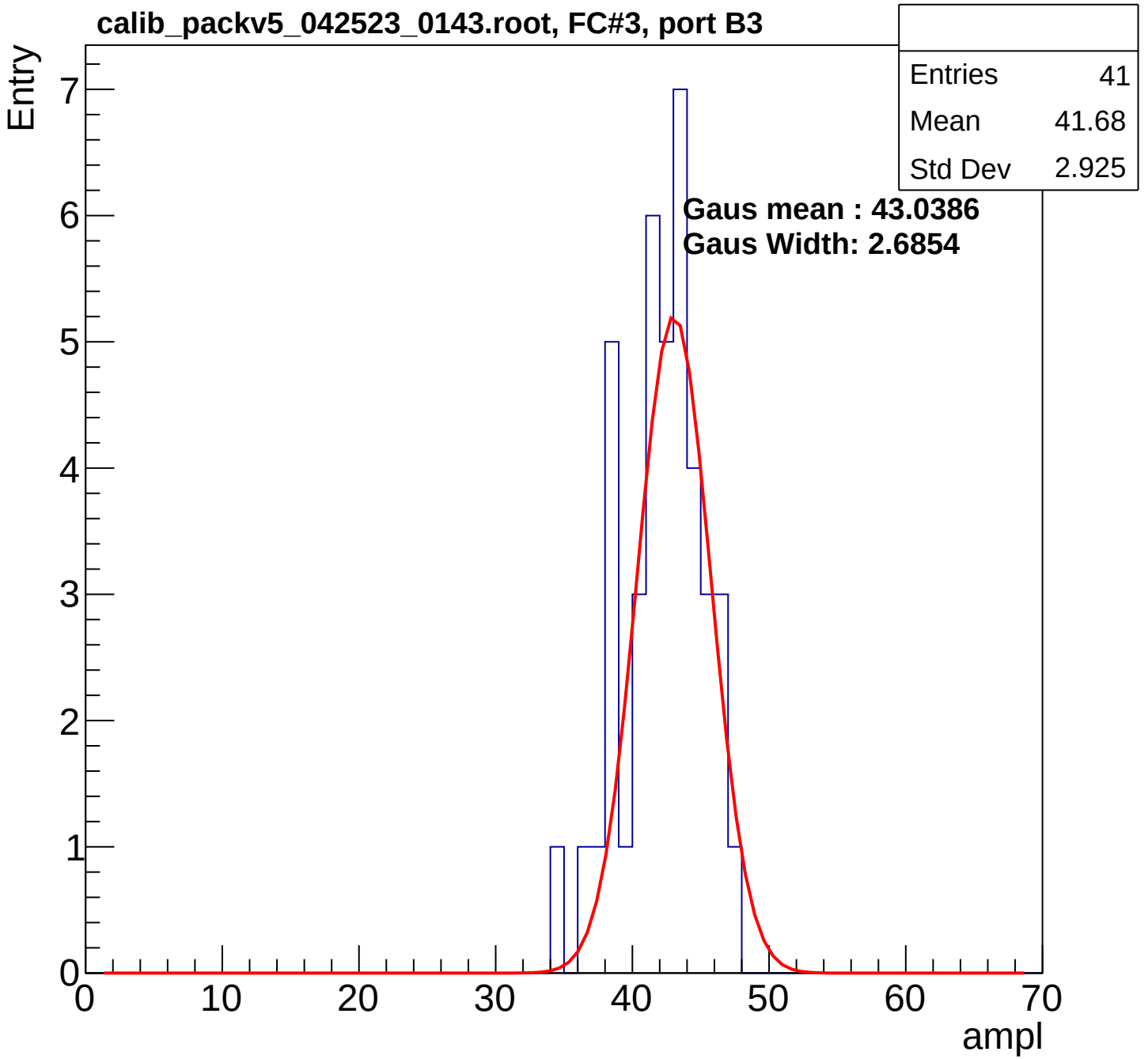
40
50
60
70


B1L000S, U25-ch111, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 27.3
Std Dev 5.78
Gaus mean : 28.7591
Gaus Width: 3.1617
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch111, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 85
Mean 35.6
Std Dev 3.382
Gaus mean : 35.7981
Gaus Width: 3.7223
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch111, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 41
Mean 41.68
Std Dev 2.925
Gaus mean : 43.0386
Gaus Width: 2.6854
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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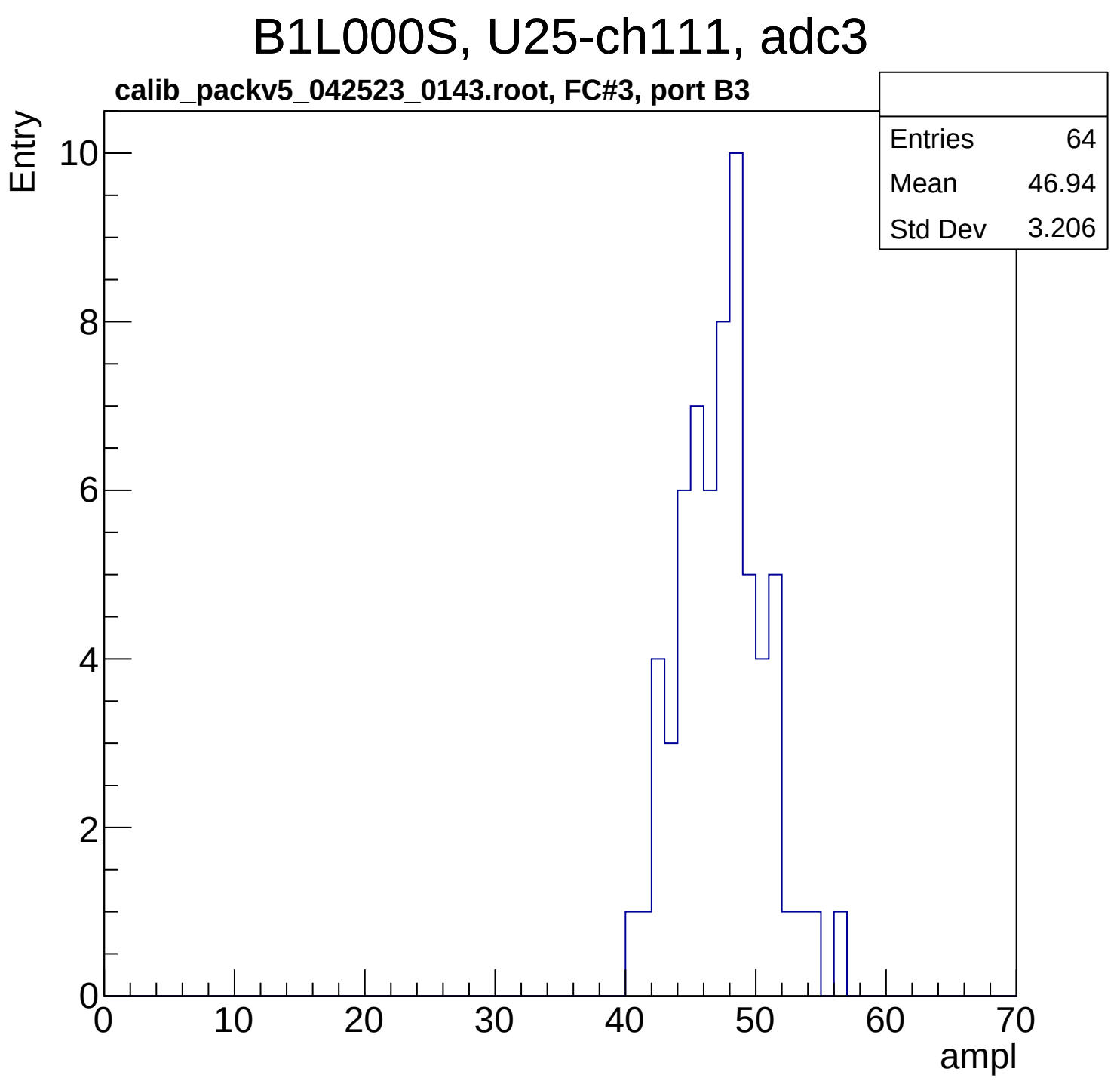
B1L000S, U25-ch111, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 46.94
Std Dev 3.206
Entry
ampl
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2
4
6
8
10
0
10
20
30
40
50
60
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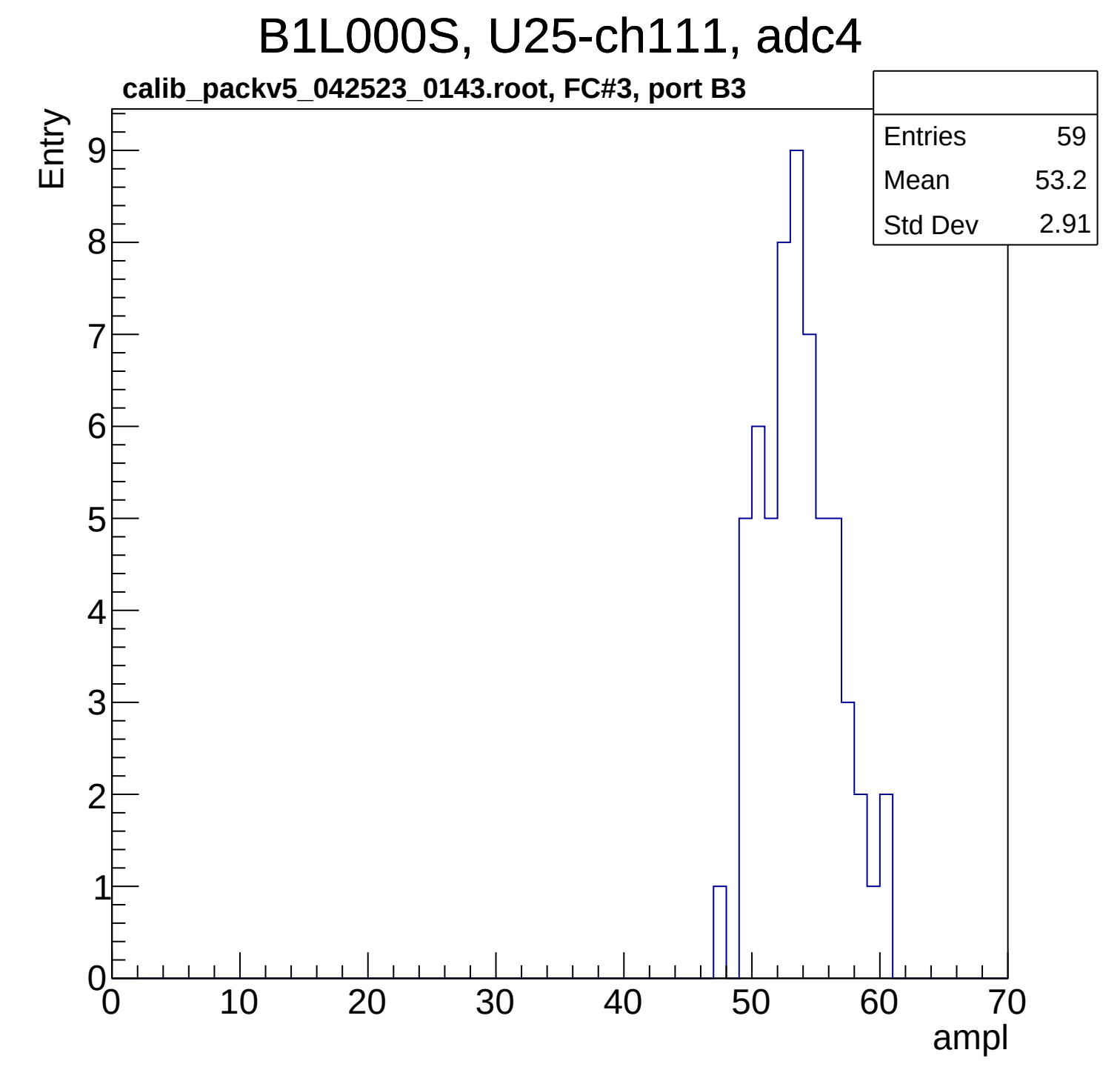
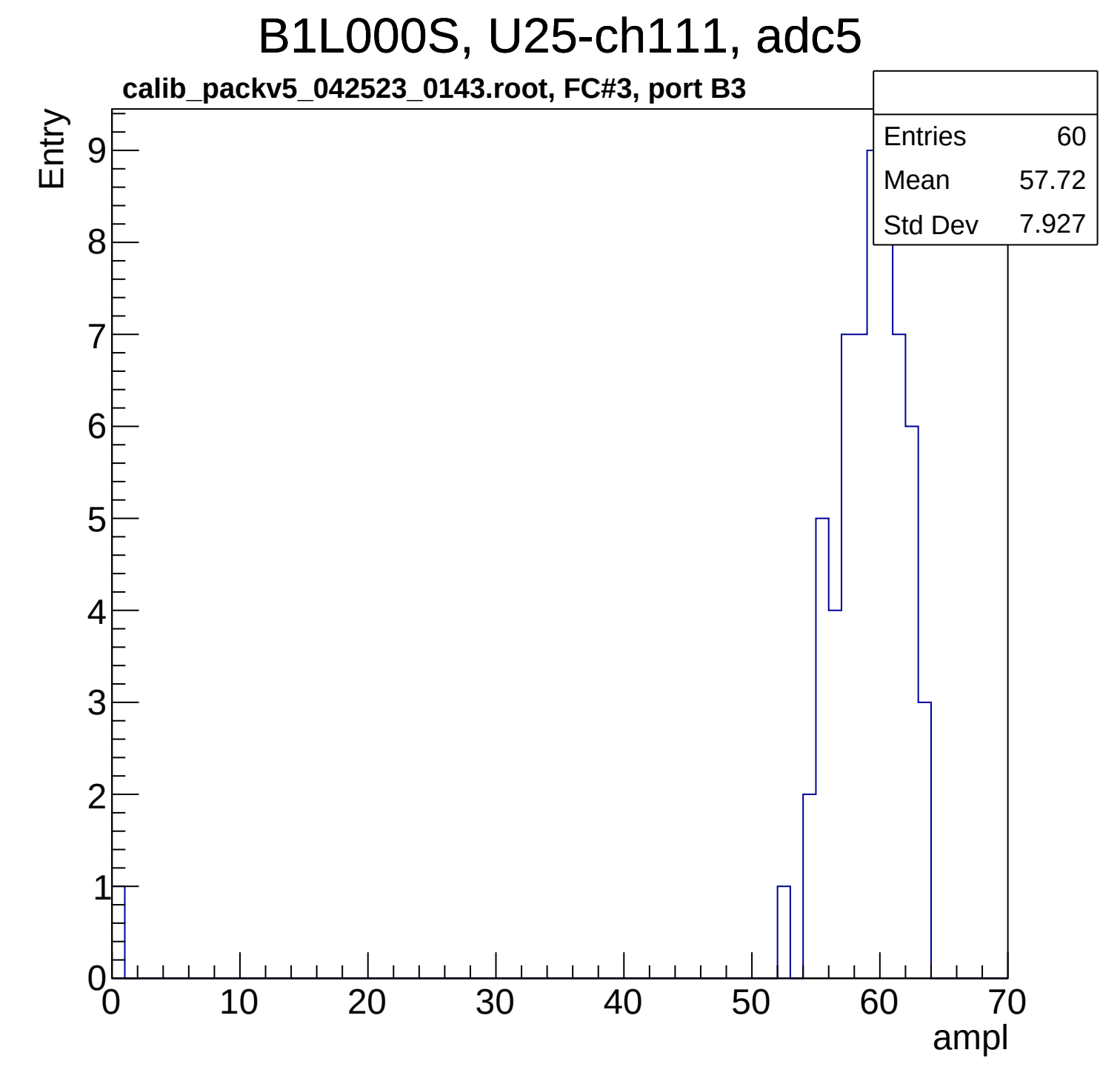

B1L000S, U25-ch111, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 53.2
Std Dev 2.91
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch111, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 57.72
Std Dev 7.927
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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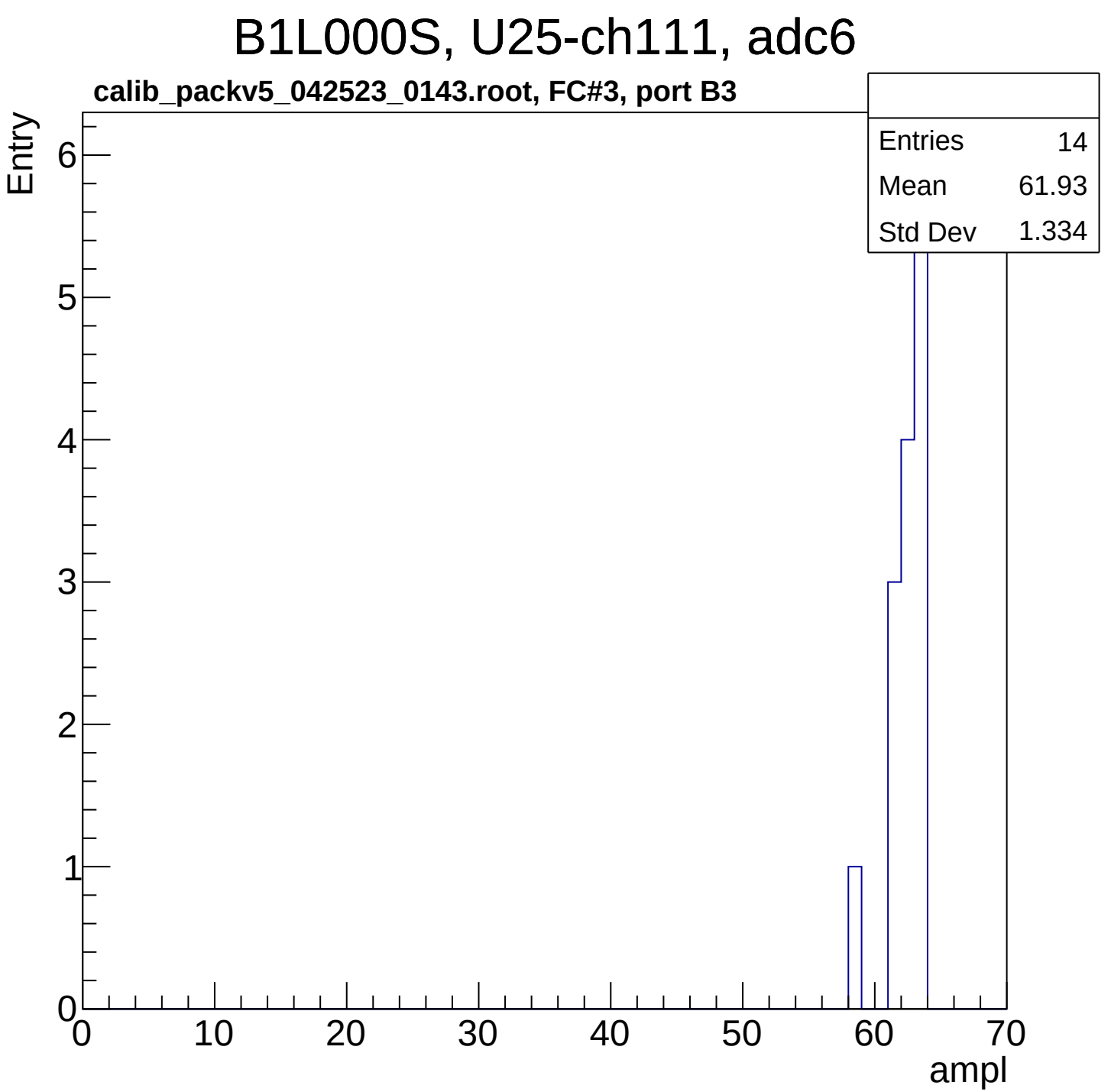
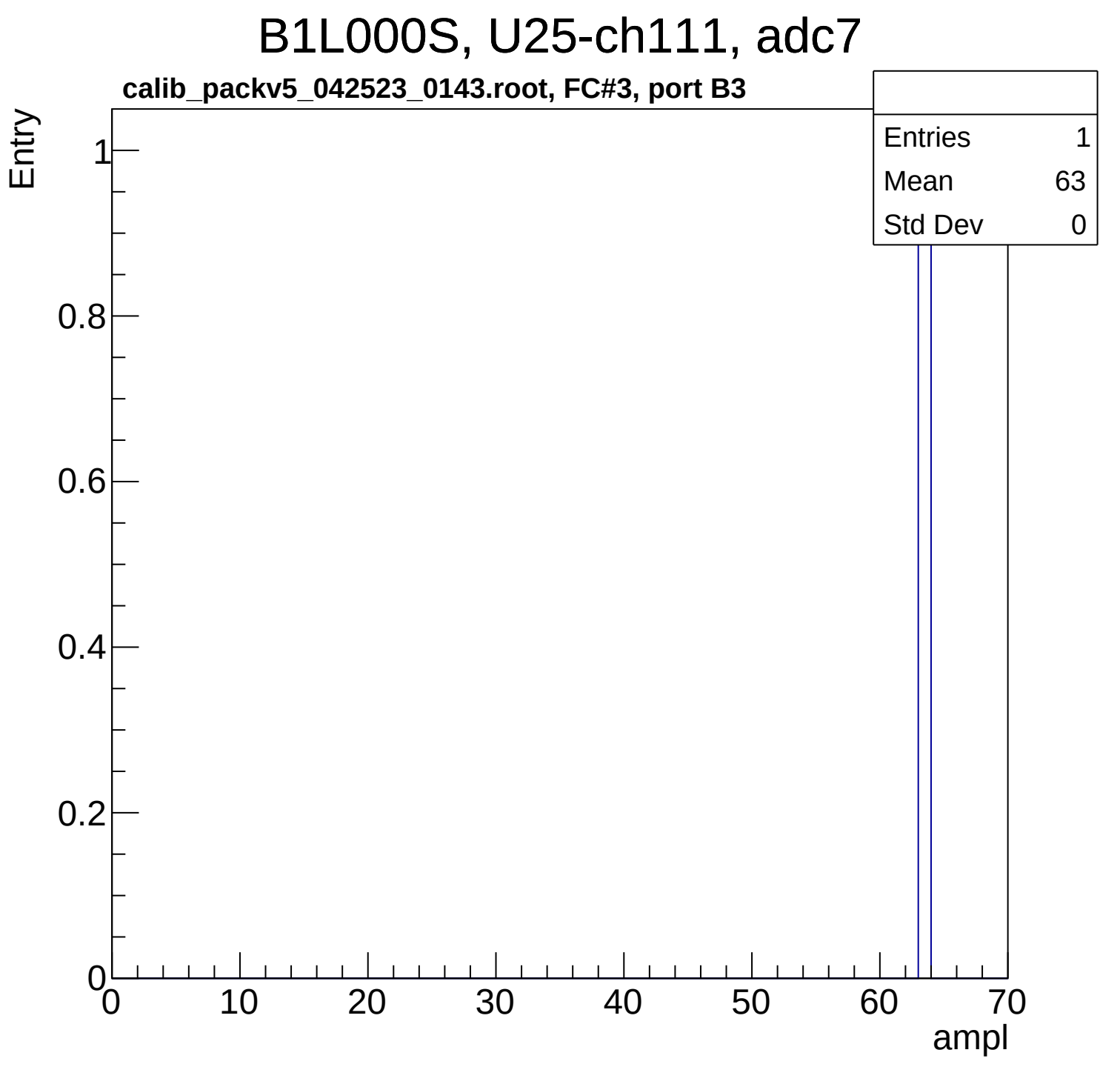
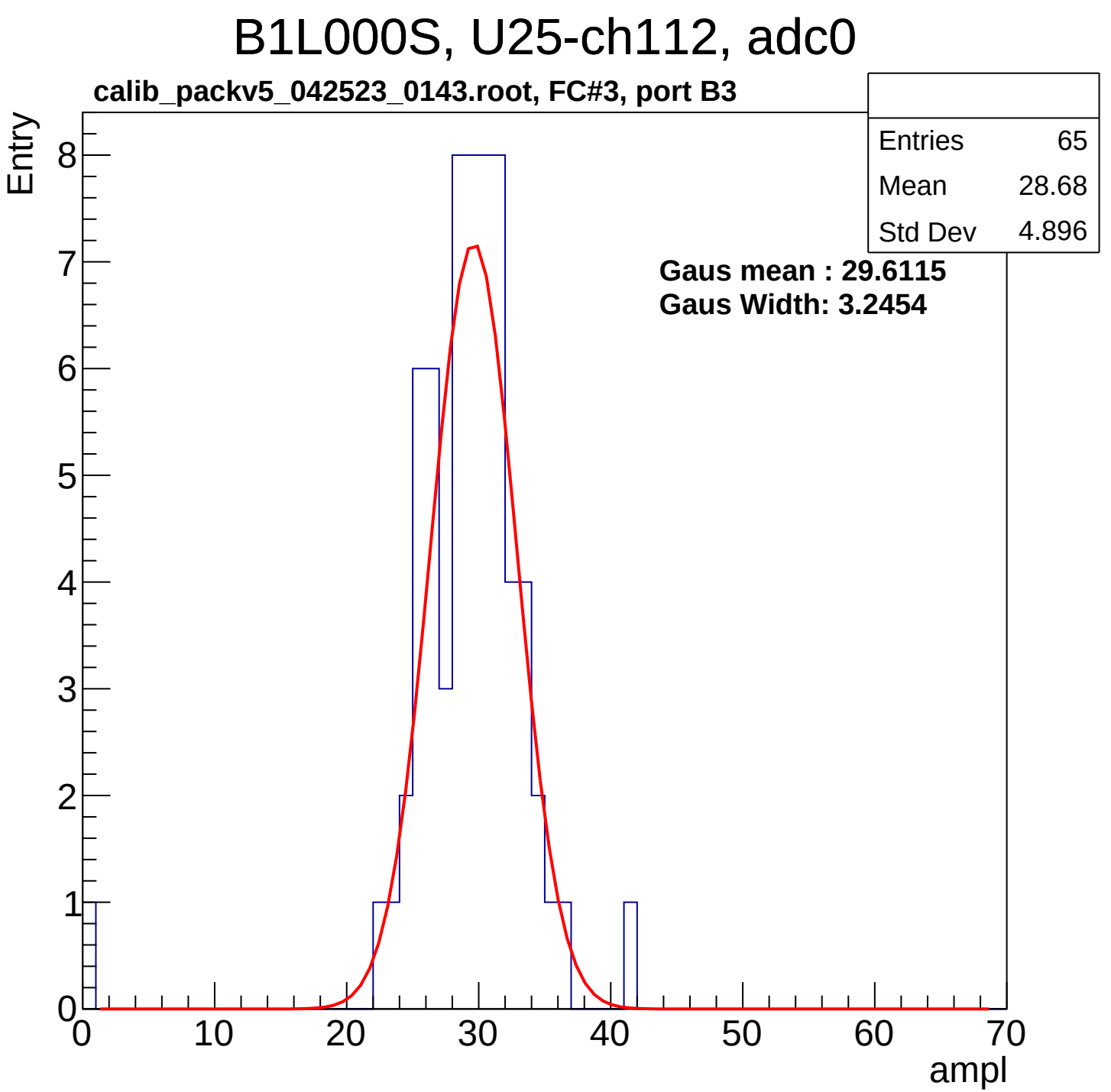

B1L000S, U25-ch111, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 61.93
Std Dev 1.334
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L000S, U25-ch111, 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, U25-ch112, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 28.68
Std Dev 4.896
Gaus mean : 29.6115
Gaus Width: 3.2454
Entry
ampl
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1
2
3
4
5
6
7
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0
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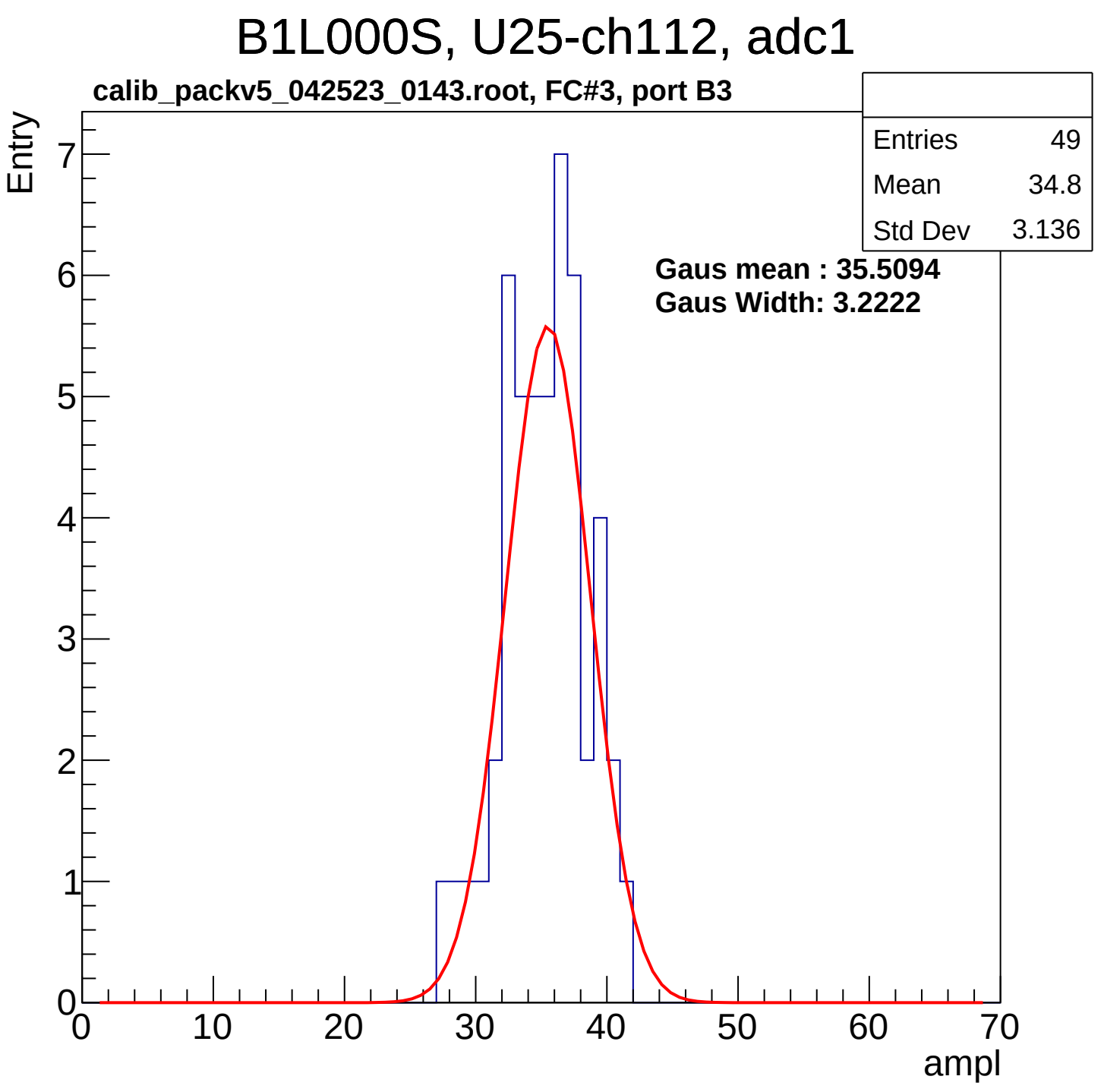
B1L000S, U25-ch112, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 34.8
Std Dev 3.136
Gaus mean : 35.5094
Gaus Width: 3.2222
Entry
ampl
0
1
2
3
4
5
6
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0
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60
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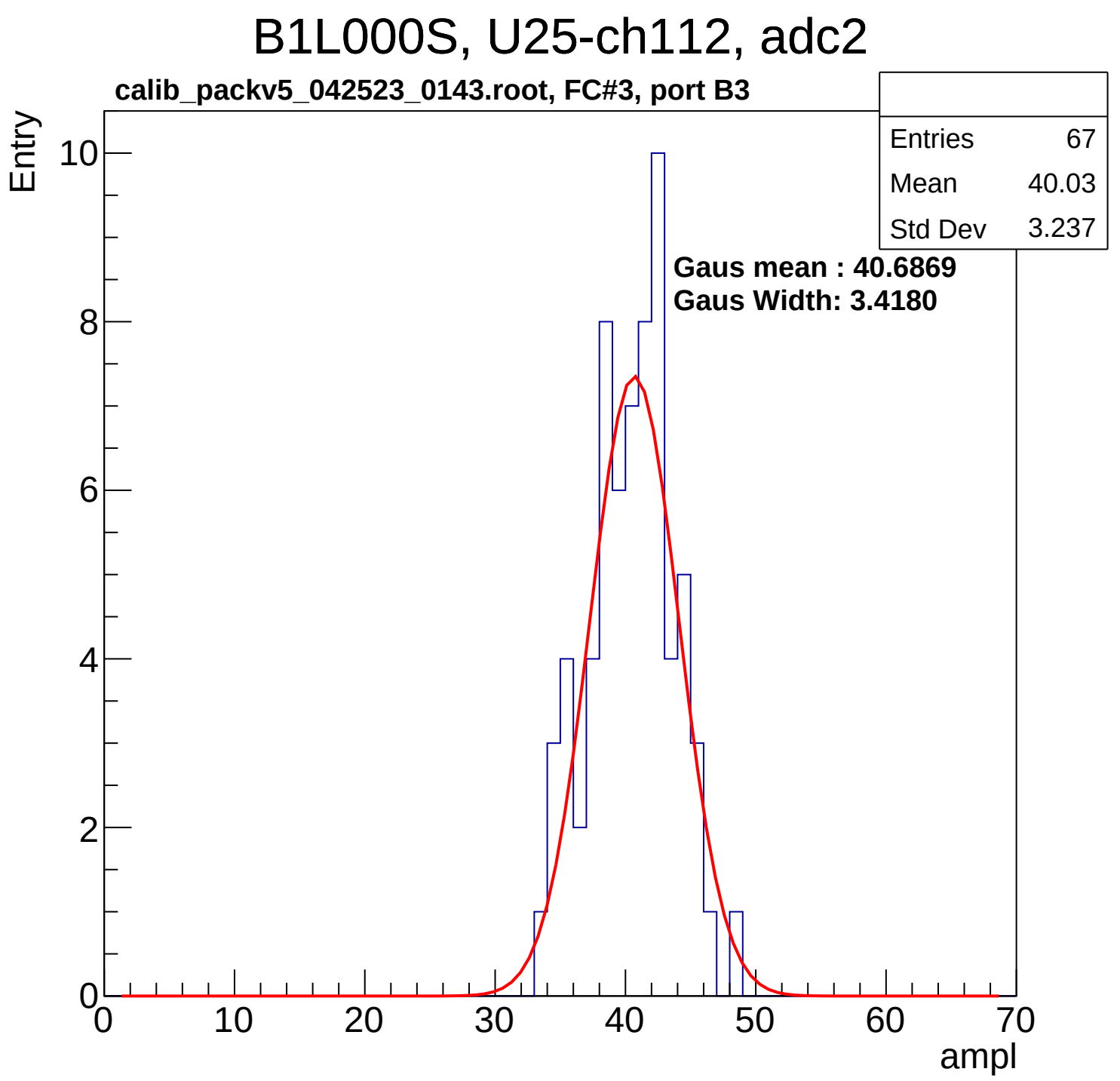
B1L000S, U25-ch112, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 40.03
Std Dev 3.237
Gaus mean : 40.6869
Gaus Width: 3.4180
Entry
ampl
0
2
4
6
8
10
0
10
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40
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60
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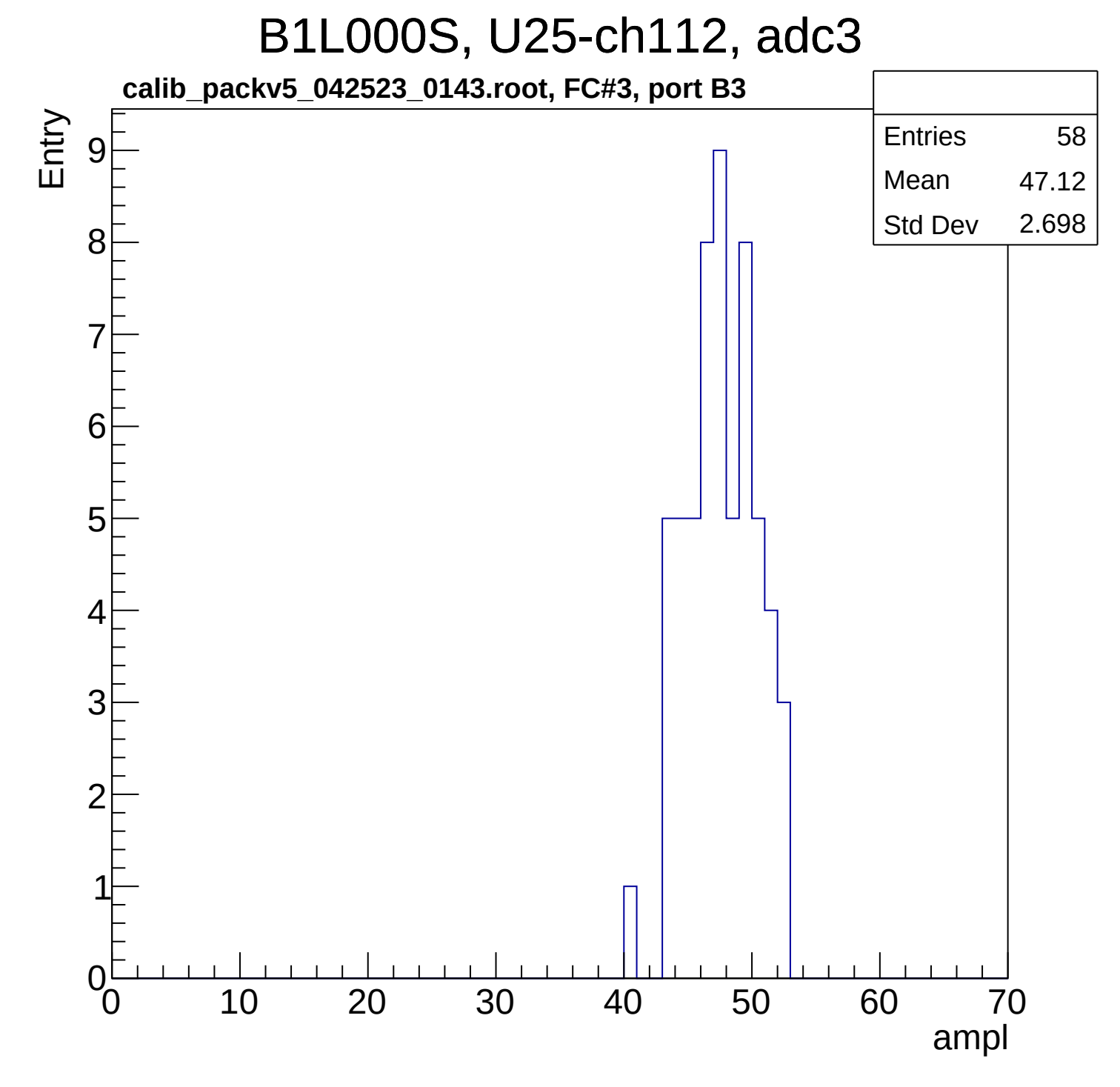
B1L000S, U25-ch112, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 47.12
Std Dev 2.698
Entry
ampl
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2
3
4
5
6
7
8
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0
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60
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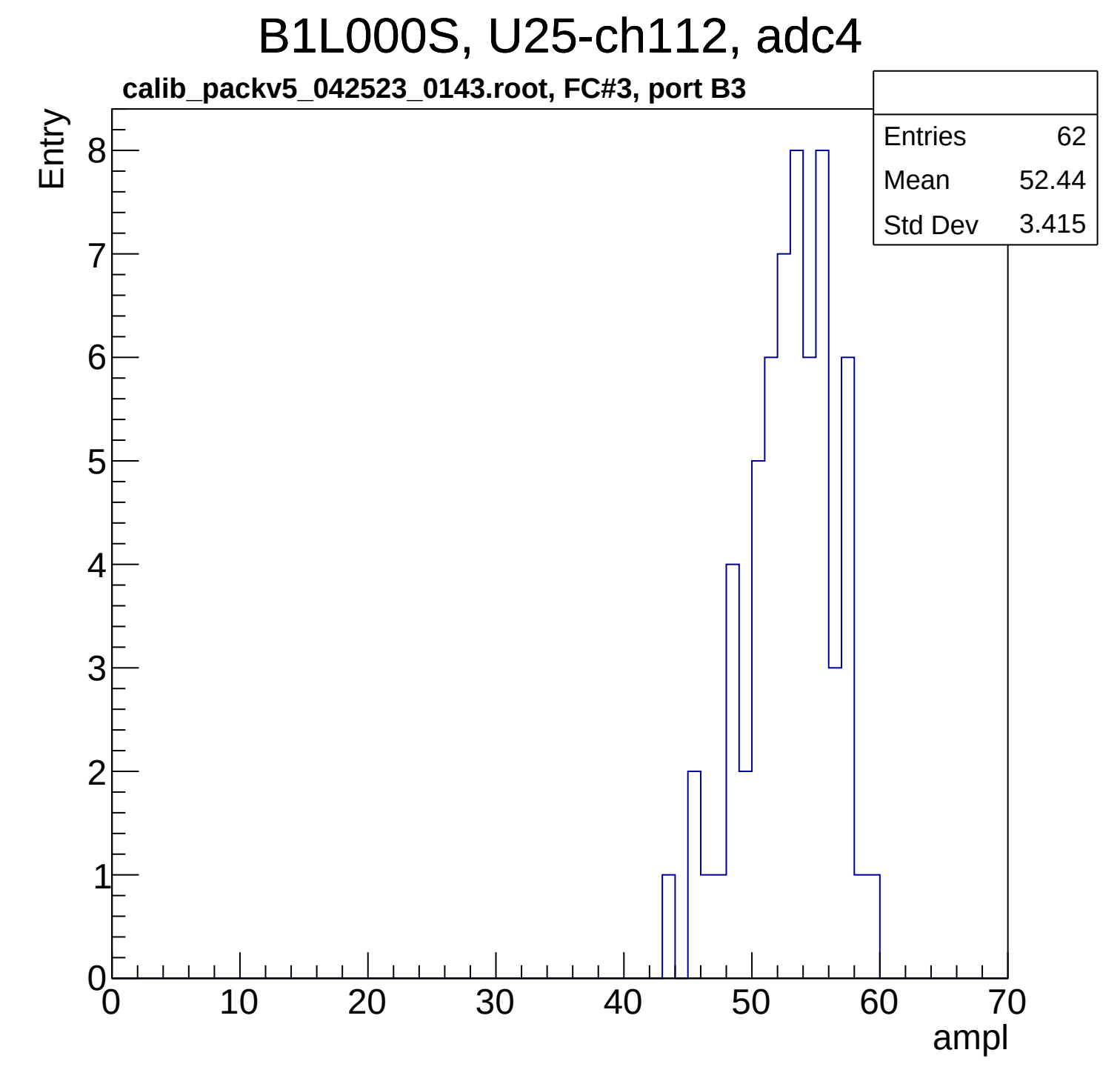
B1L000S, U25-ch112, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 52.44
Std Dev 3.415
Entry
ampl
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1
2
3
4
5
6
7
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0
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40
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60
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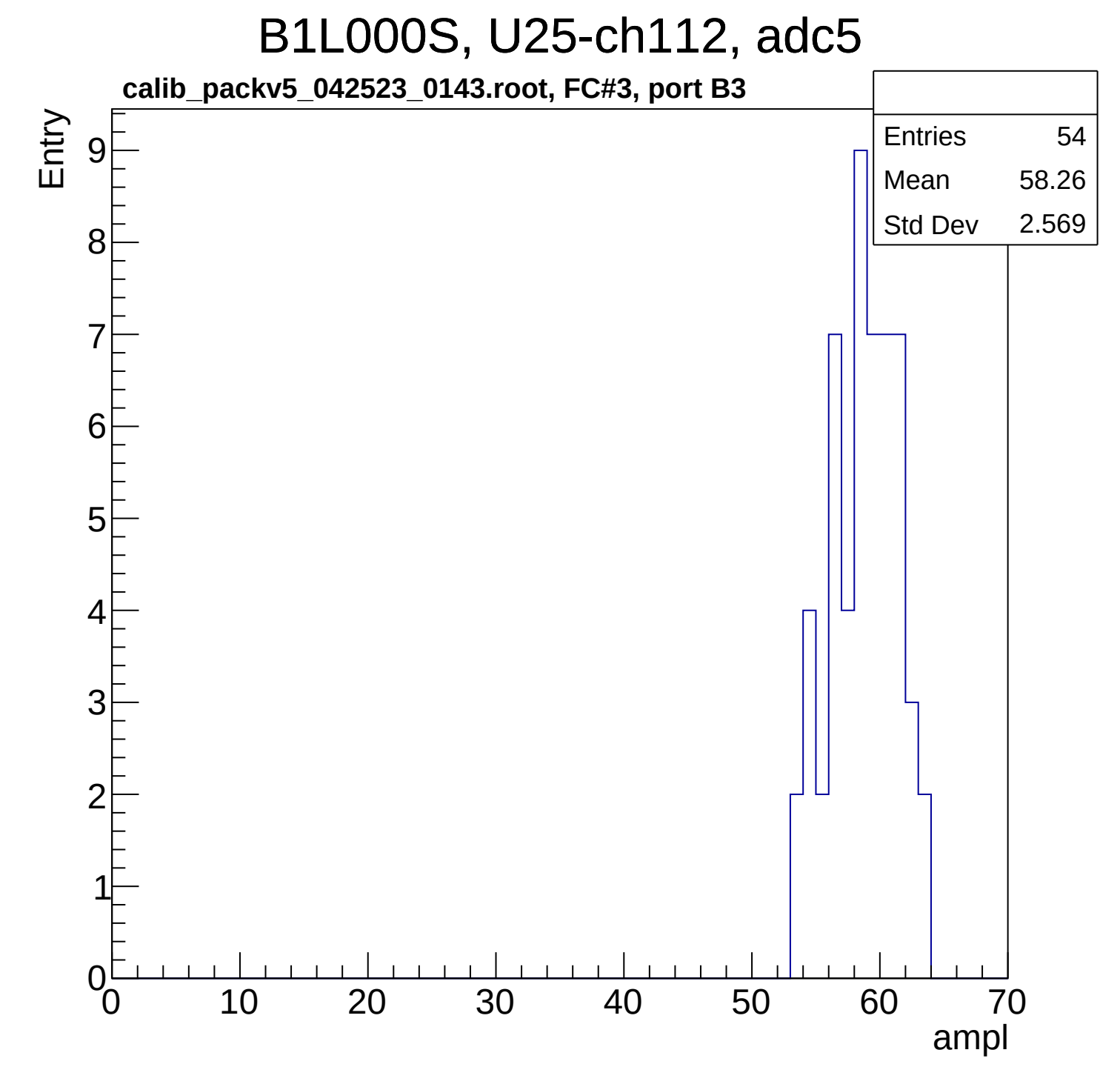
B1L000S, U25-ch112, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 58.26
Std Dev 2.569
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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60
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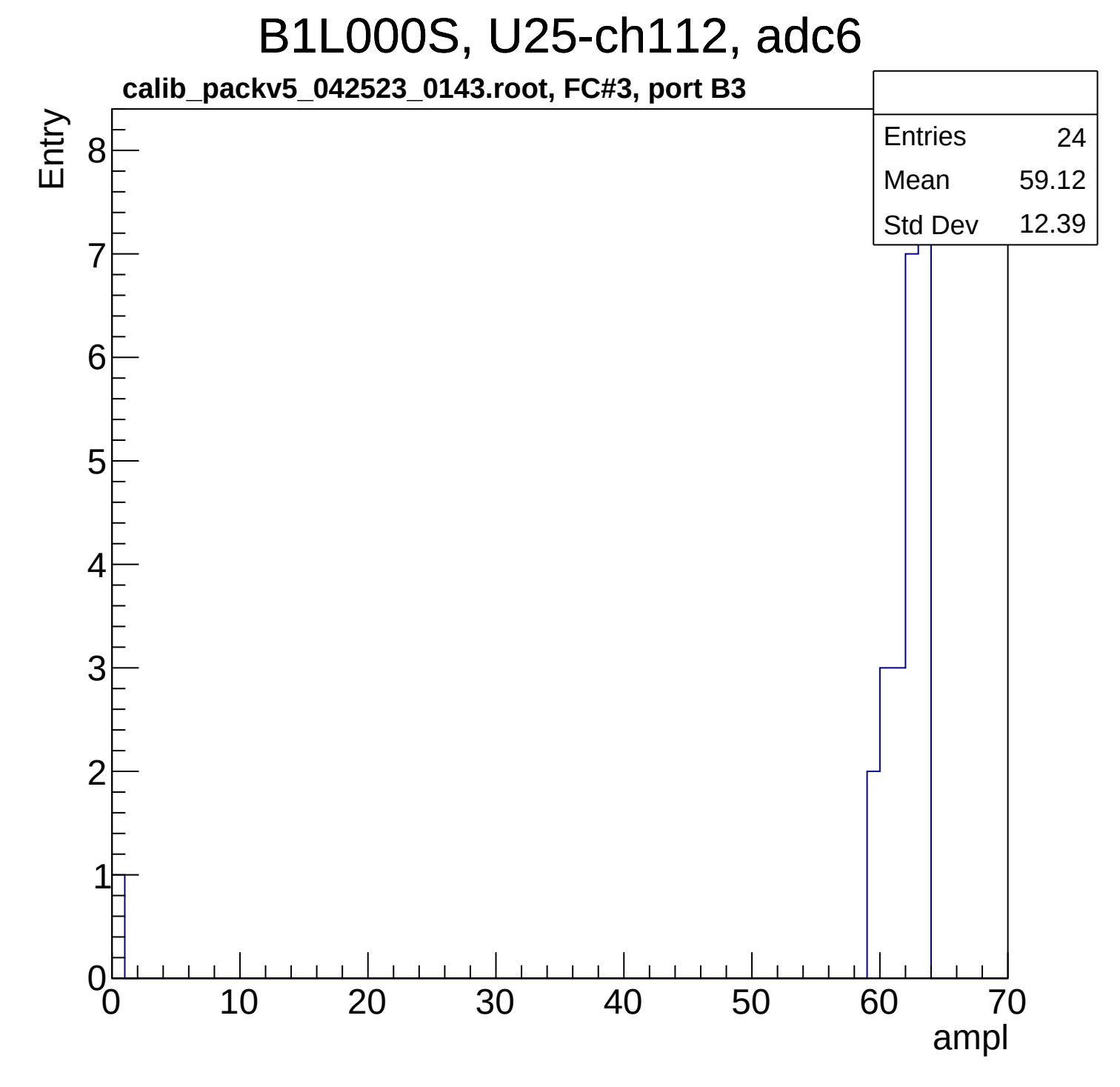
B1L000S, U25-ch112, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 24
Mean 59.12
Std Dev 12.39
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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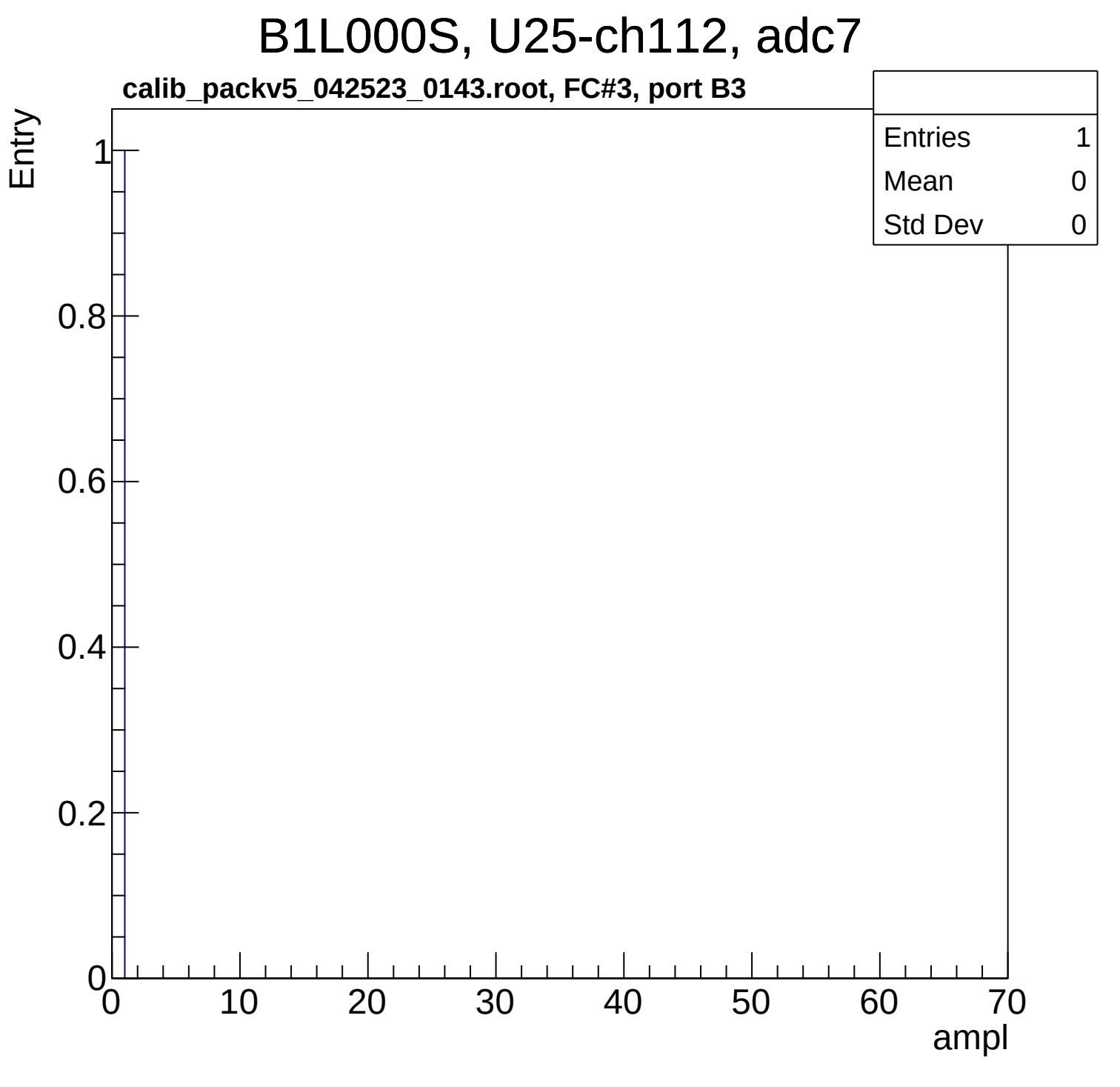
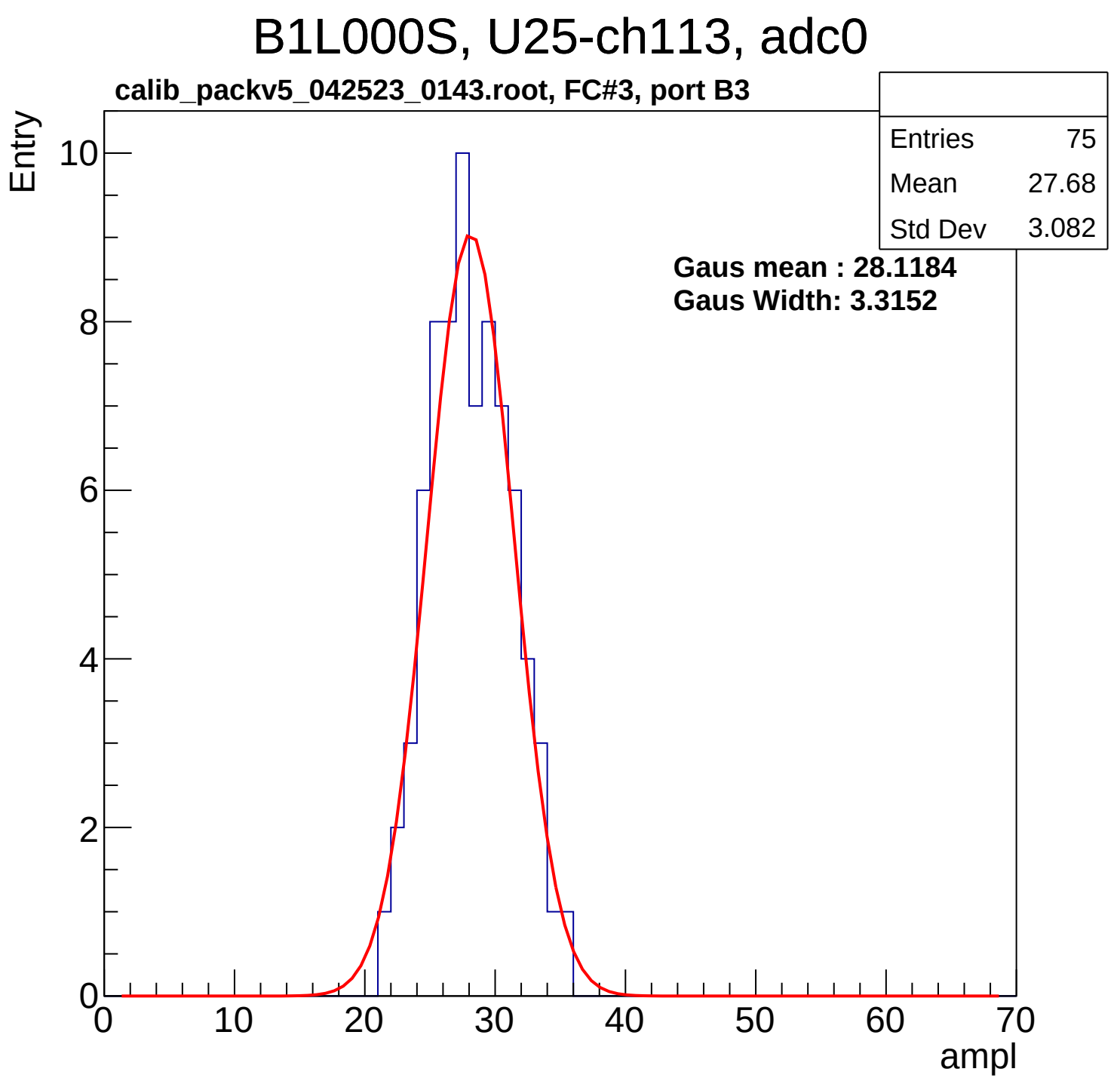
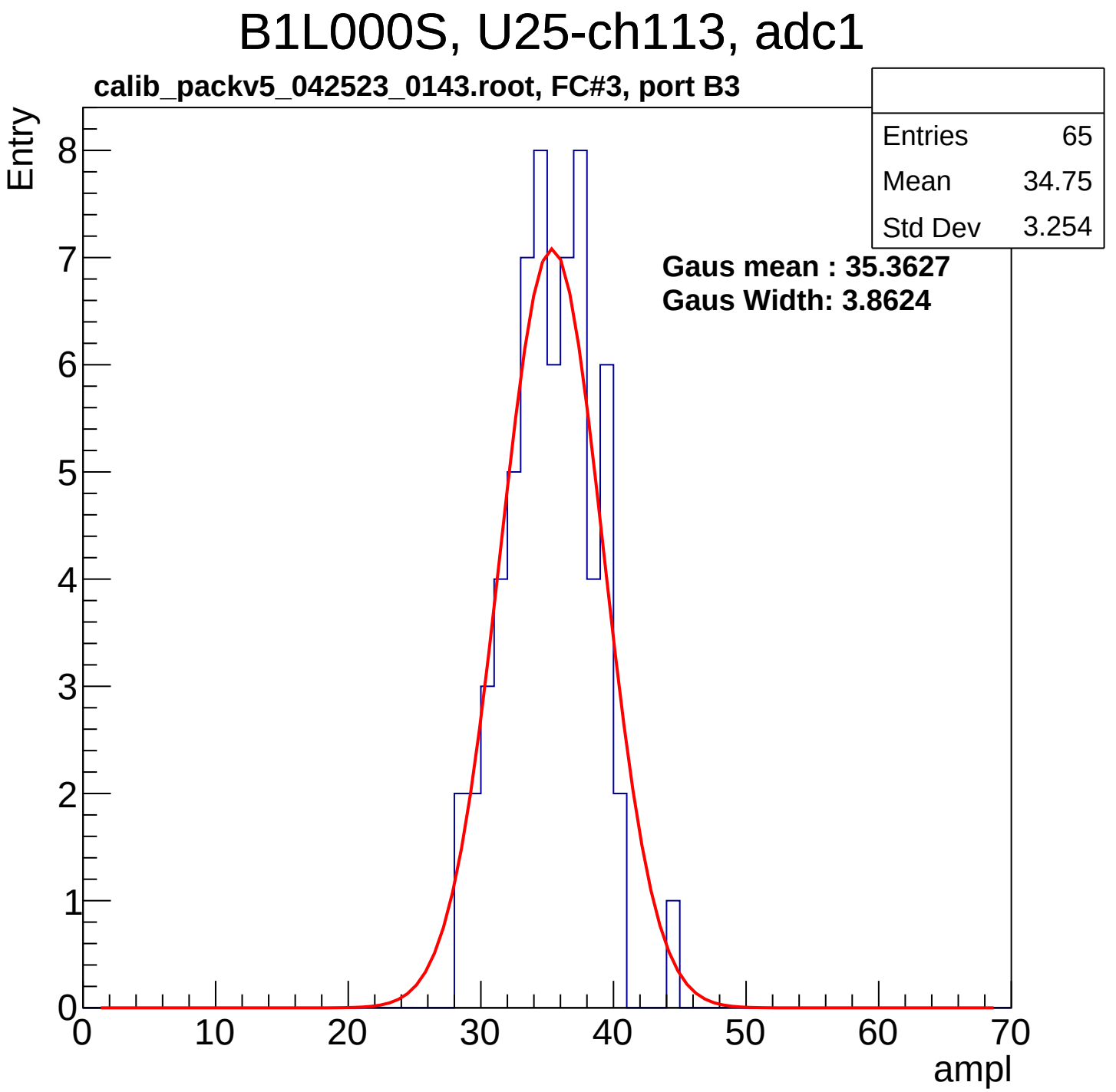

B1L000S, U25-ch112, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch113, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 27.68
Std Dev 3.082
Gaus mean : 28.1184
Gaus Width: 3.3152
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch113, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 34.75
Std Dev 3.254
Gaus mean : 35.3627
Gaus Width: 3.8624
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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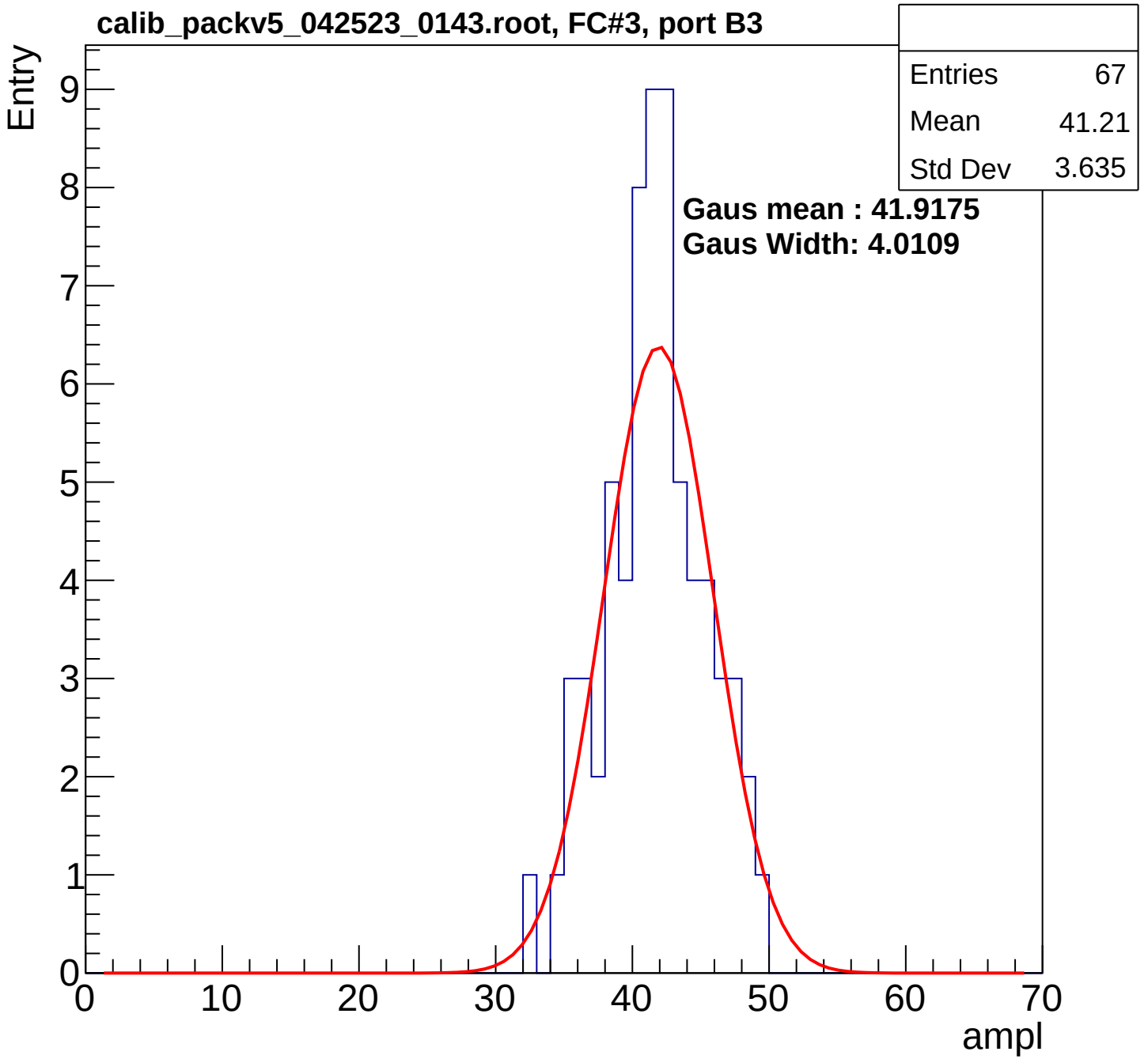
B1L000S, U25-ch113, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 41.21
Std Dev 3.635
Gaus mean : 41.9175
Gaus Width: 4.0109
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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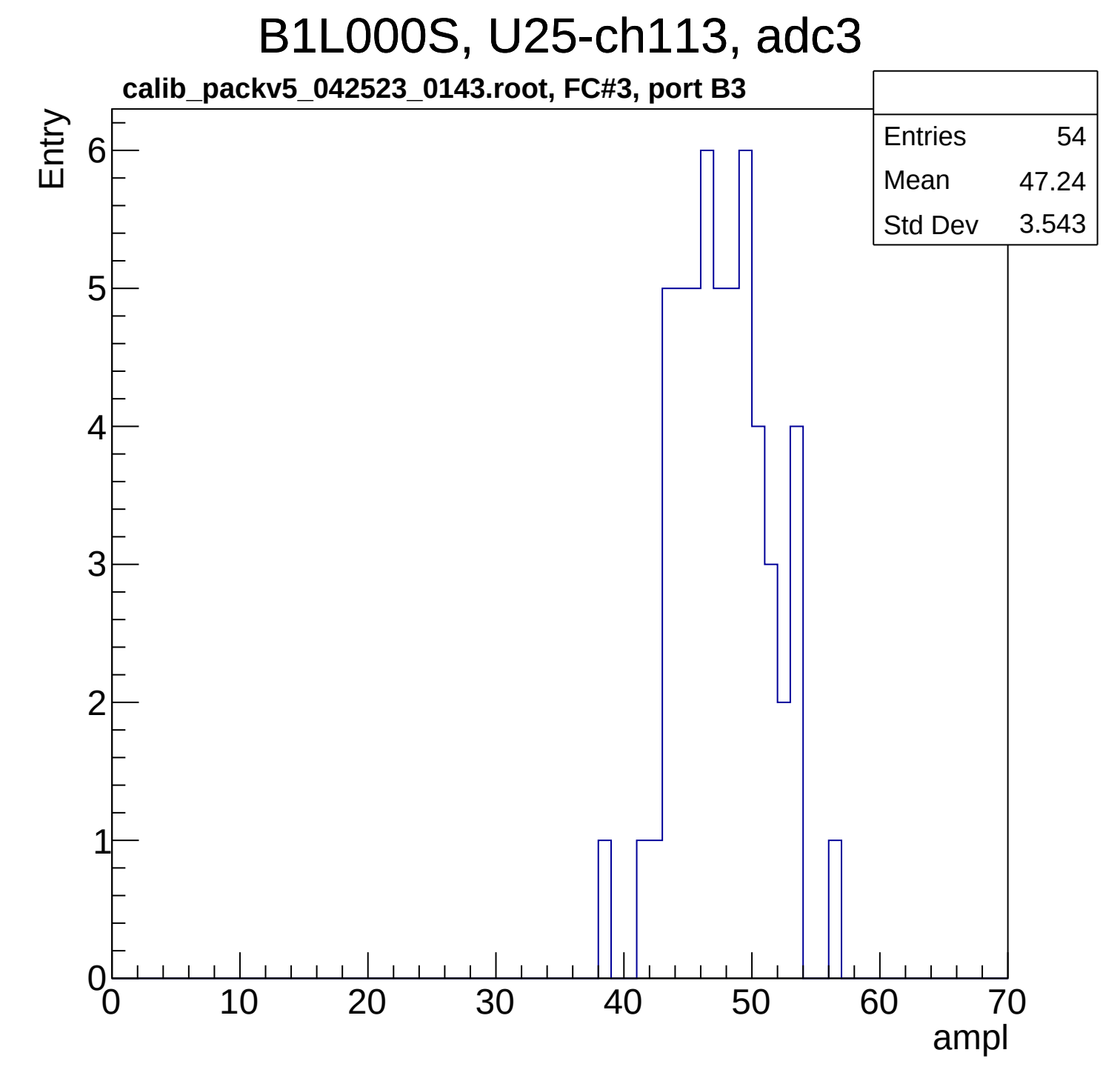
B1L000S, U25-ch113, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 47.24
Std Dev 3.543
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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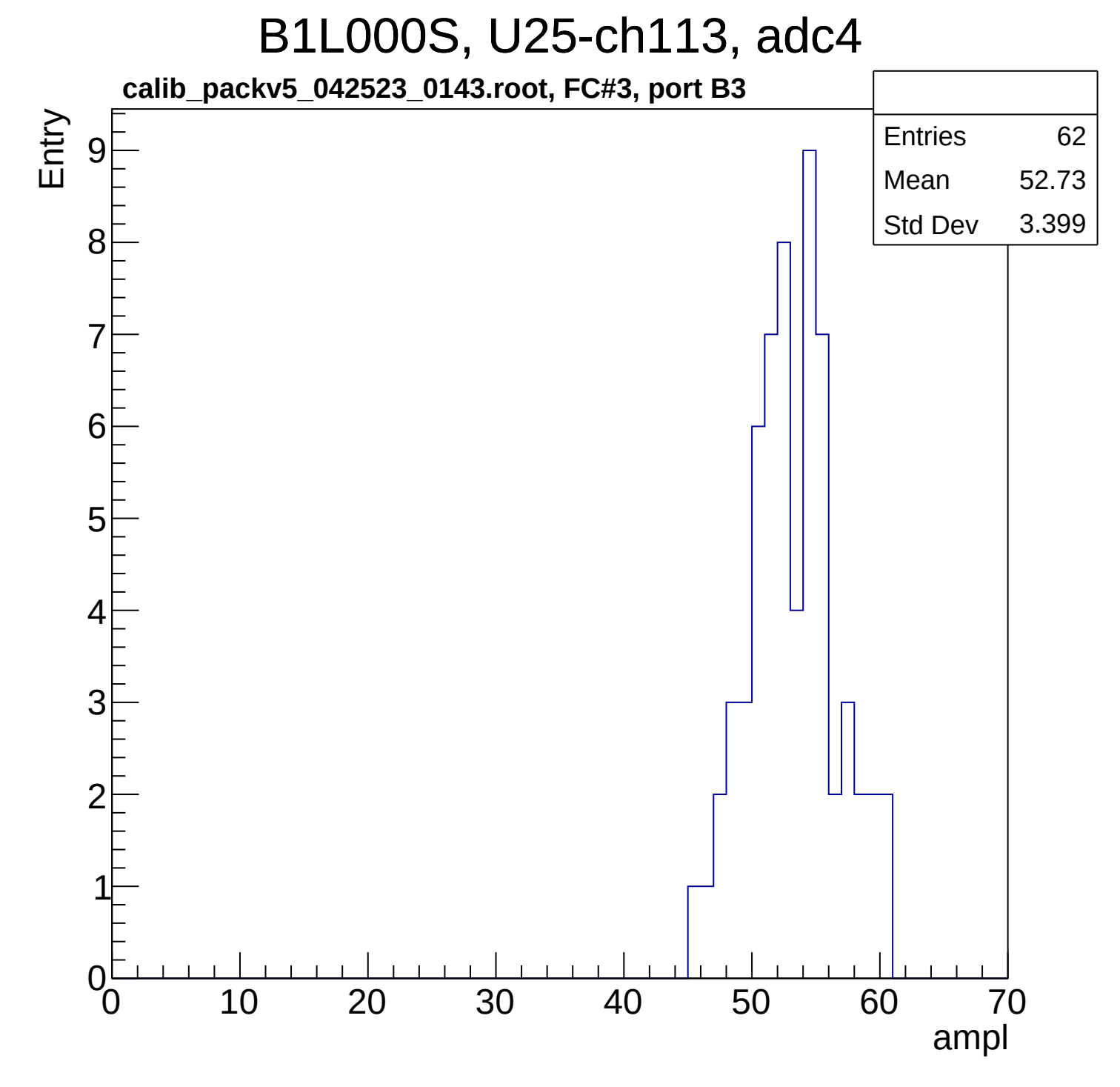
B1L000S, U25-ch113, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 52.73
Std Dev 3.399
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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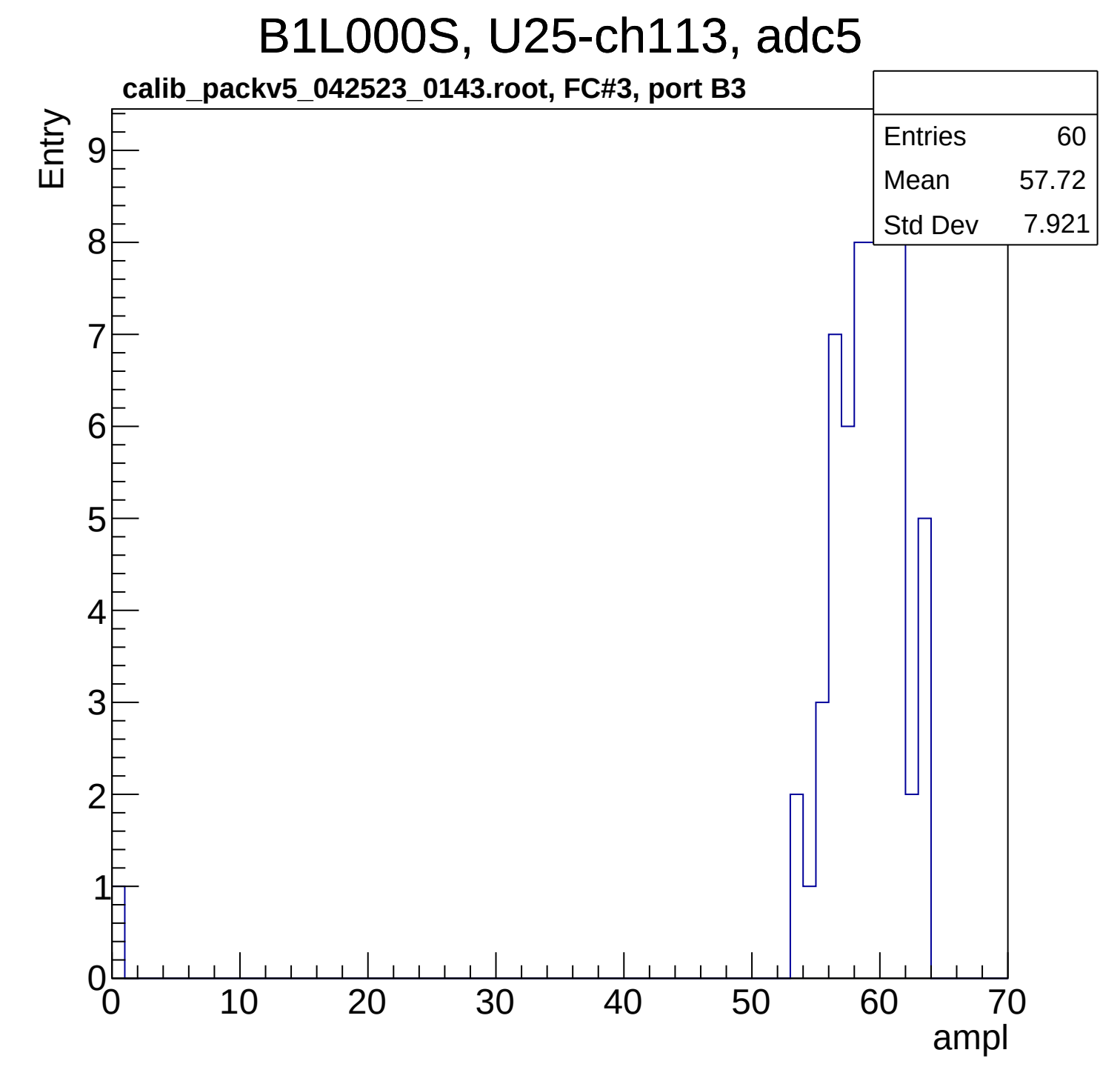
B1L000S, U25-ch113, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 57.72
Std Dev 7.921
Entry
ampl
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3
4
5
6
7
8
9
0
10
20
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60
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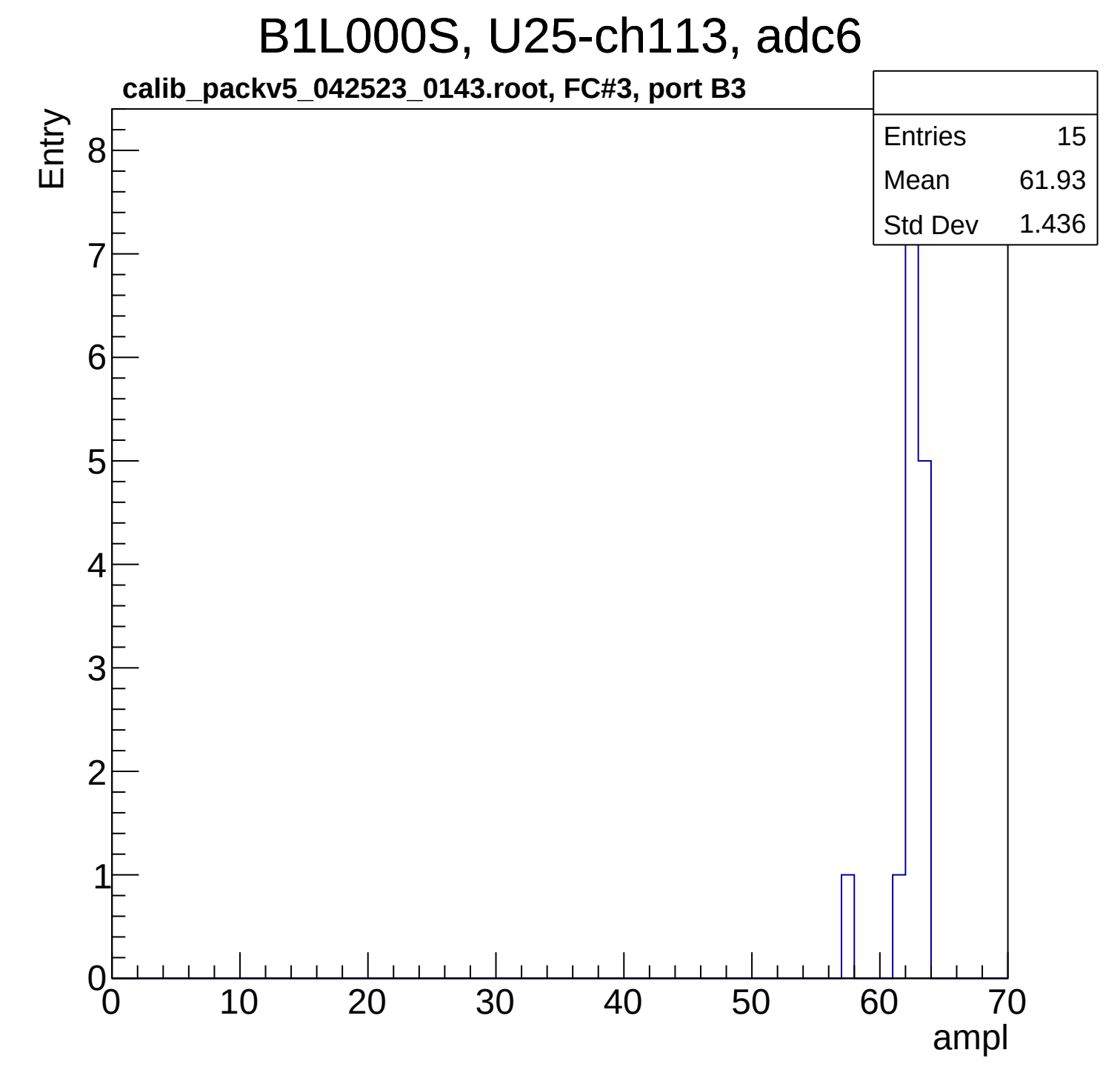
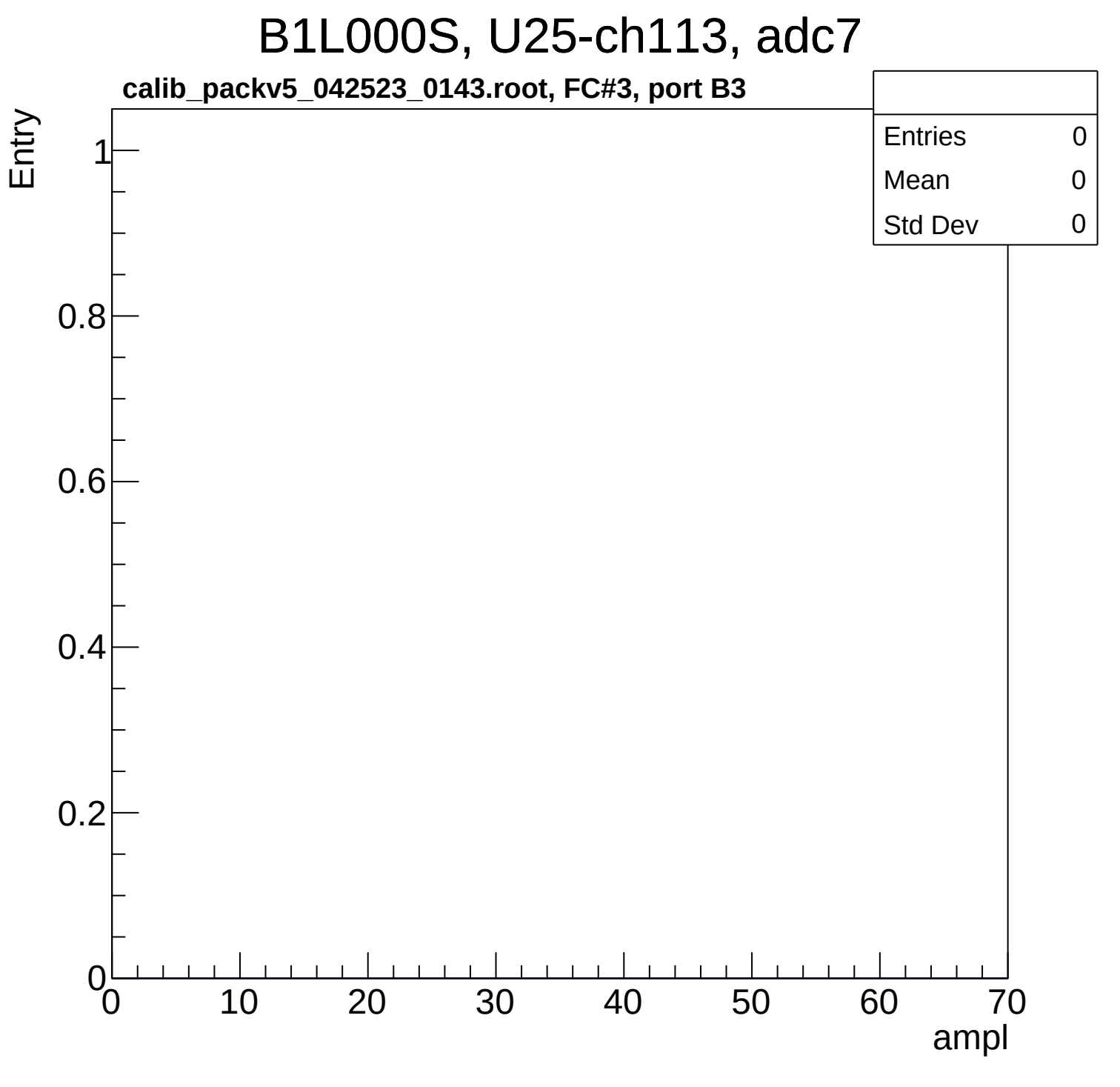
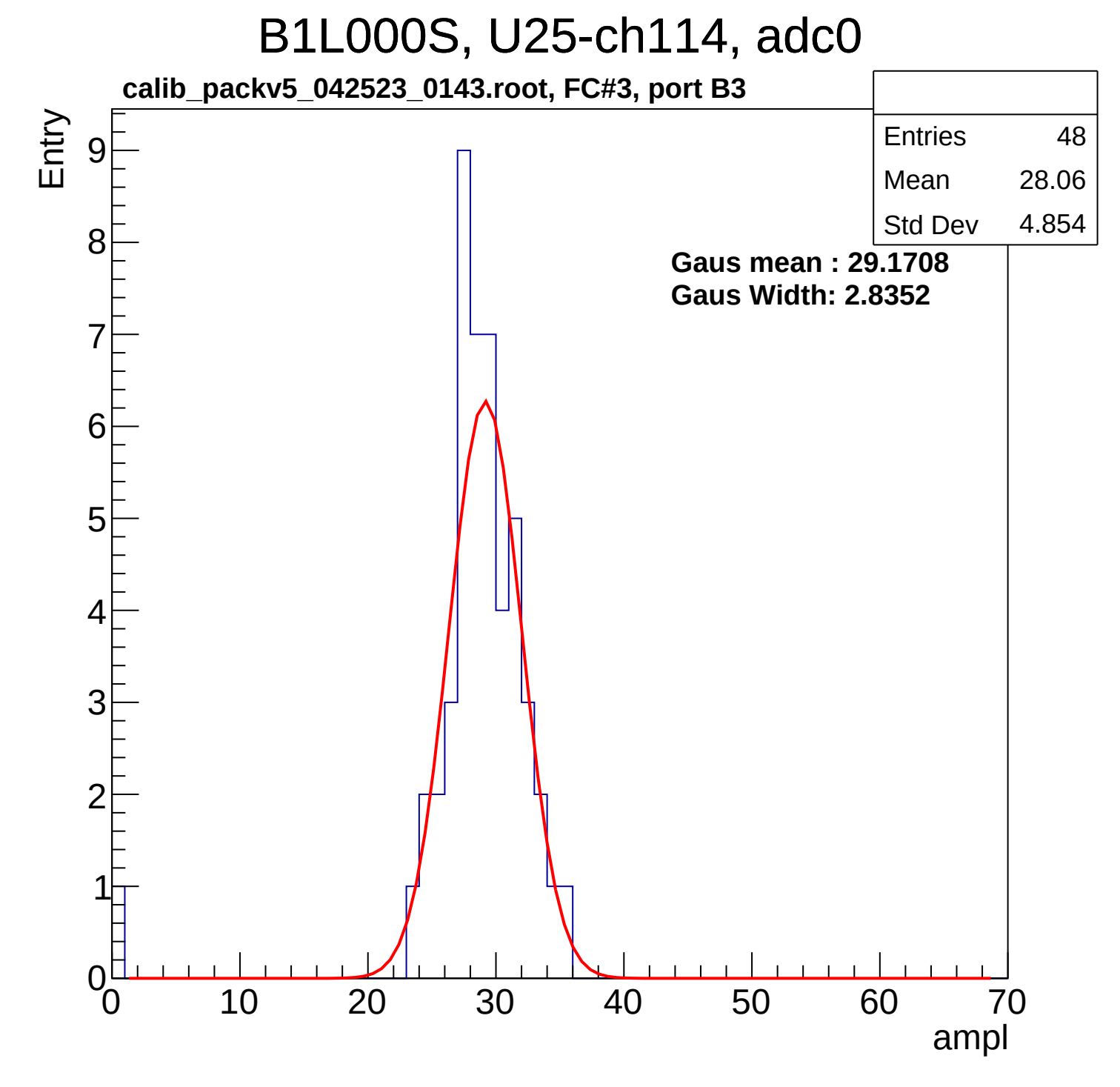
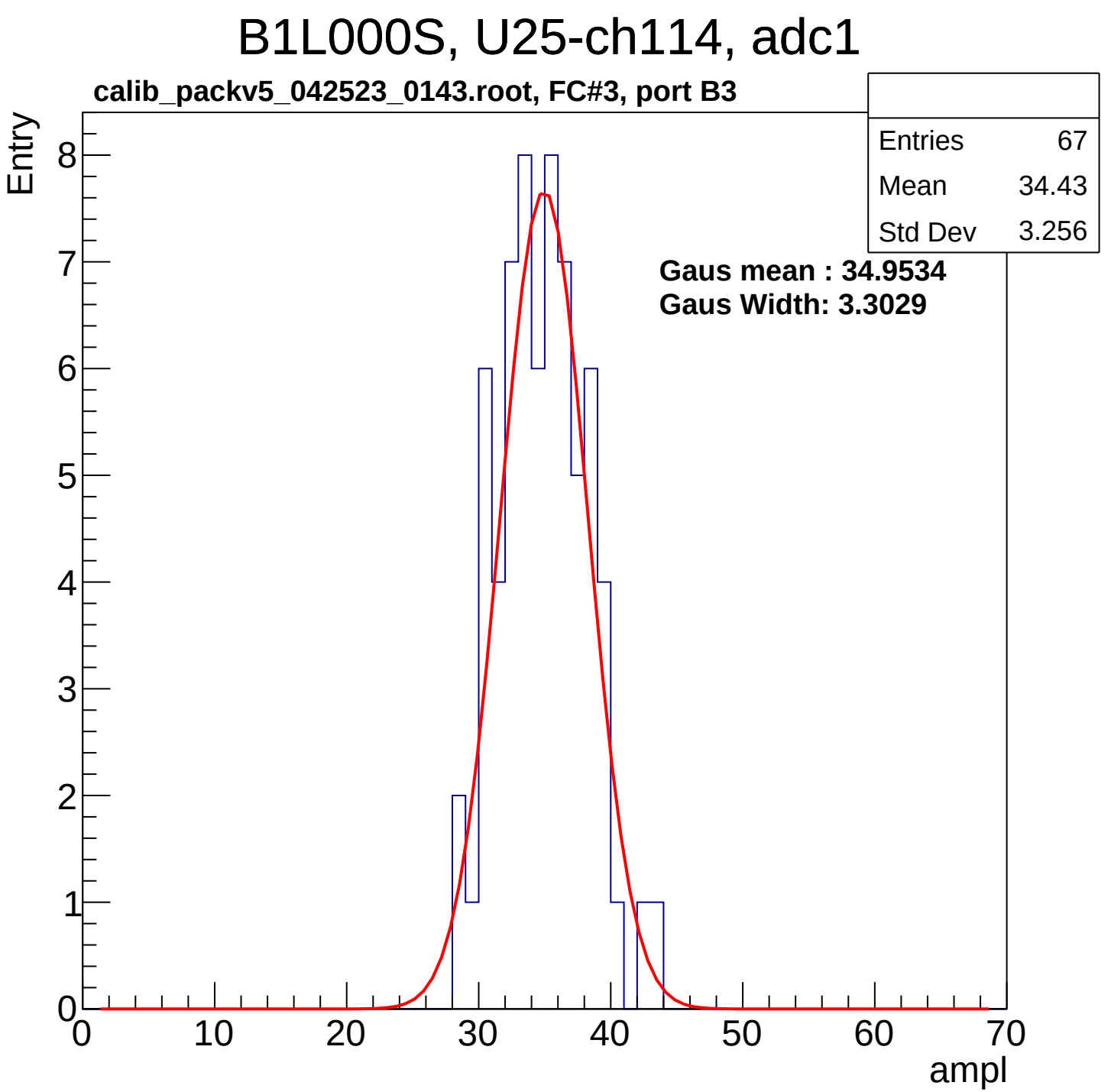
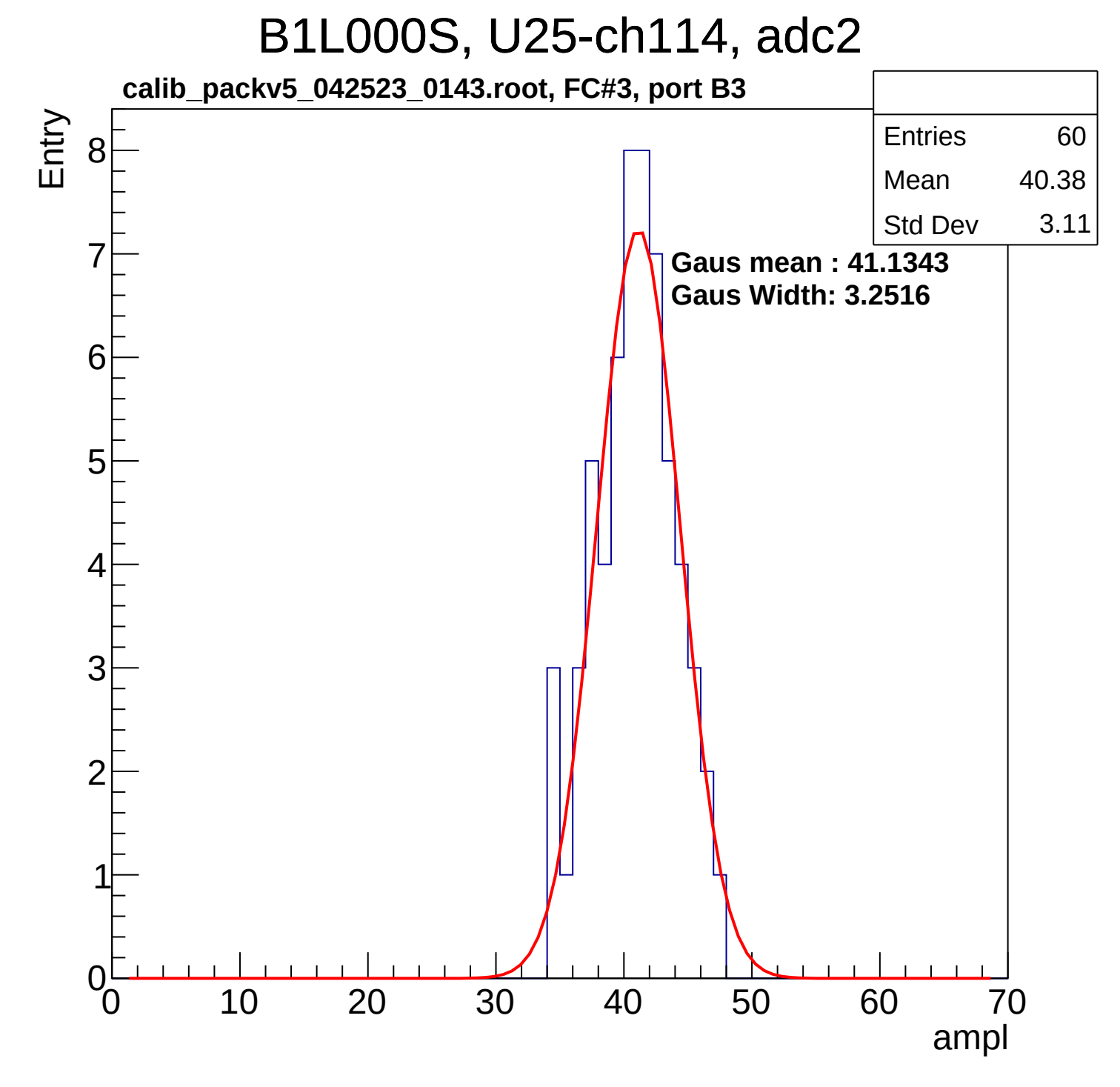
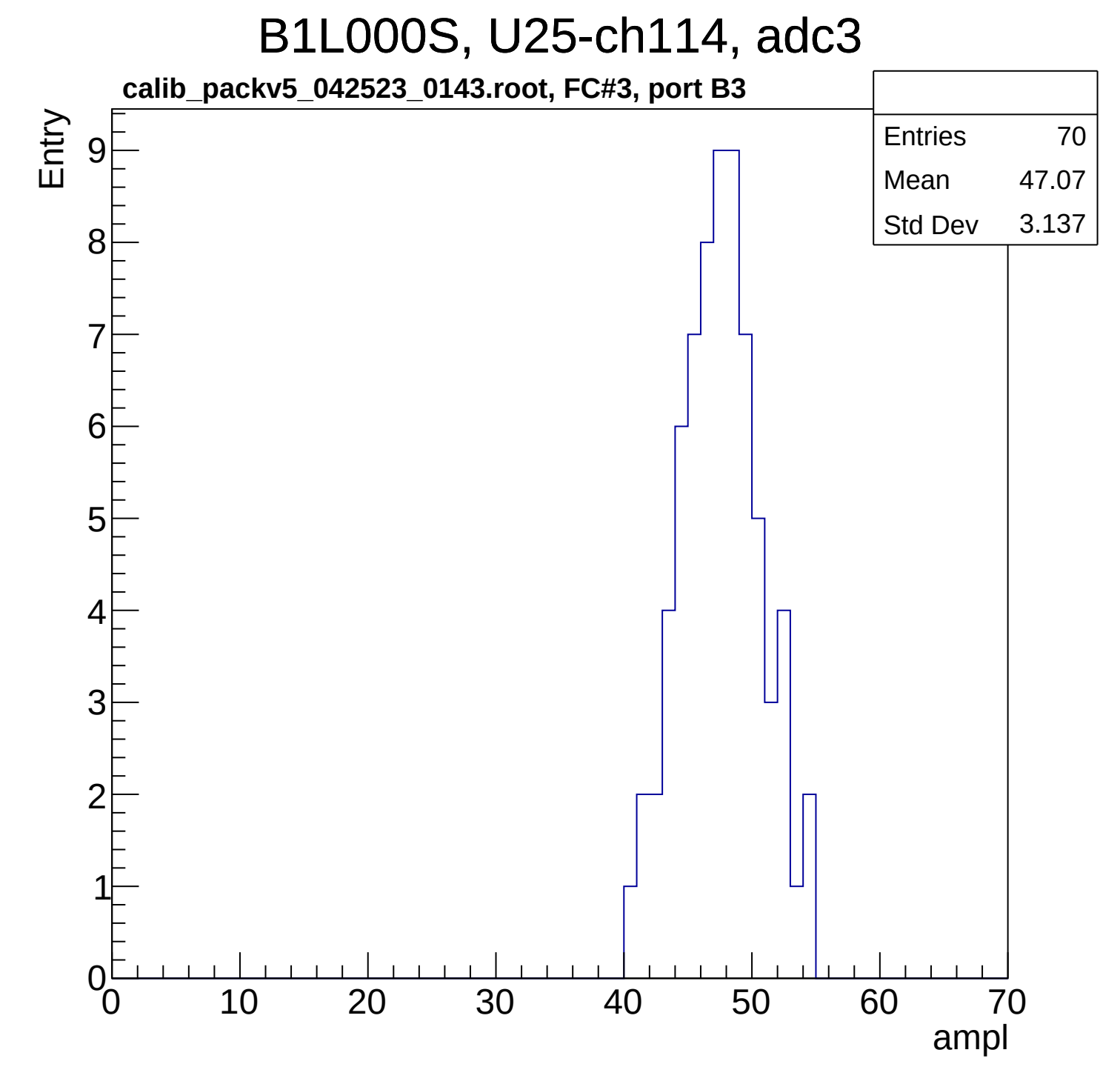

B1L000S, U25-ch113, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 61.93
Std Dev 1.436
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch113, 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, U25-ch114, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 28.06
Std Dev 4.854
Gaus mean : 29.1708
Gaus Width: 2.8352
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch114, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 34.43
Std Dev 3.256
Gaus mean : 34.9534
Gaus Width: 3.3029
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch114, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 40.38
Std Dev 3.11
Gaus mean : 41.1343
Gaus Width: 3.2516
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch114, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 47.07
Std Dev 3.137
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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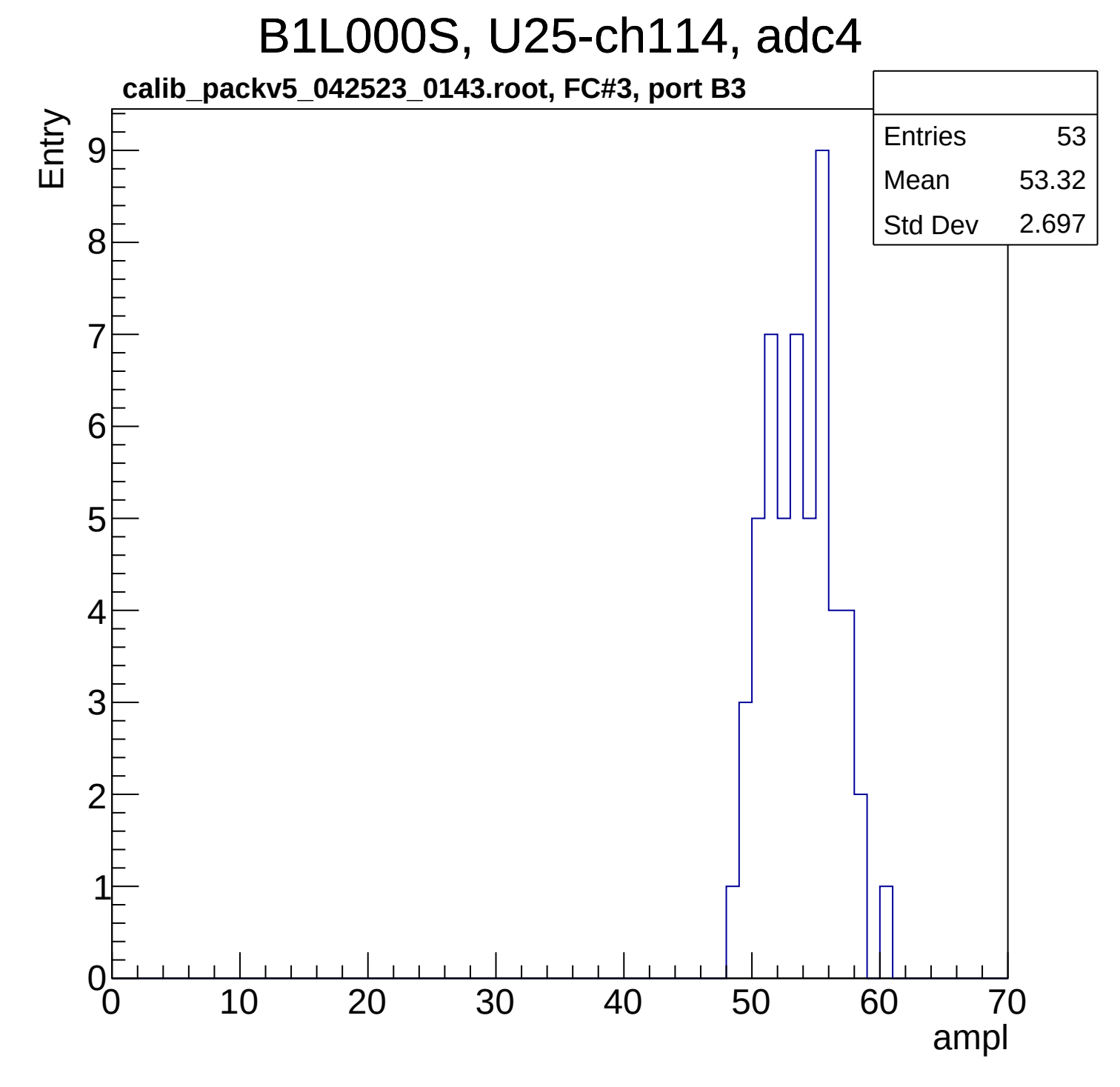
B1L000S, U25-ch114, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 53.32
Std Dev 2.697
Entry
ampl
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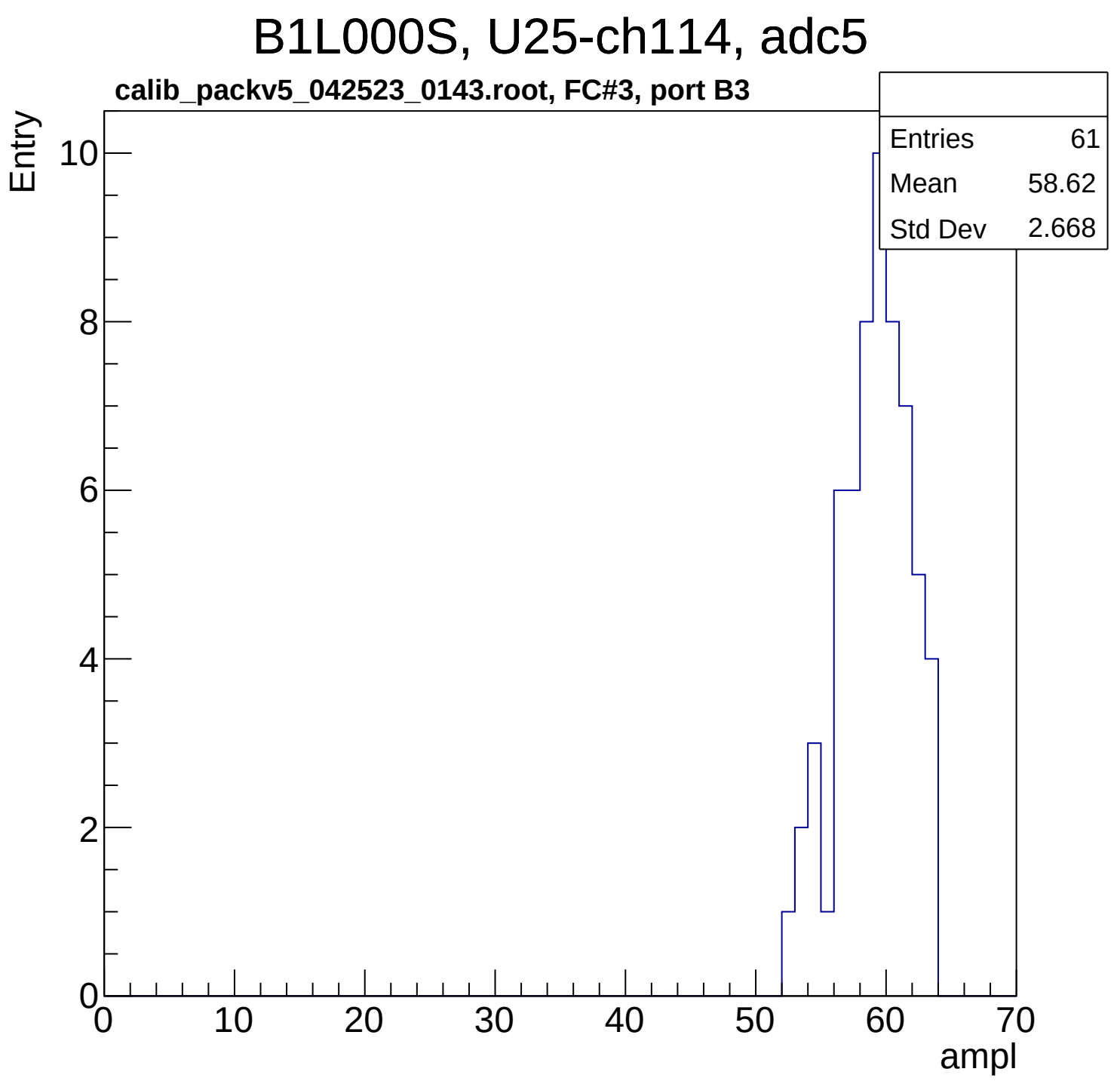
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch114, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 58.62
Std Dev 2.668
Entry
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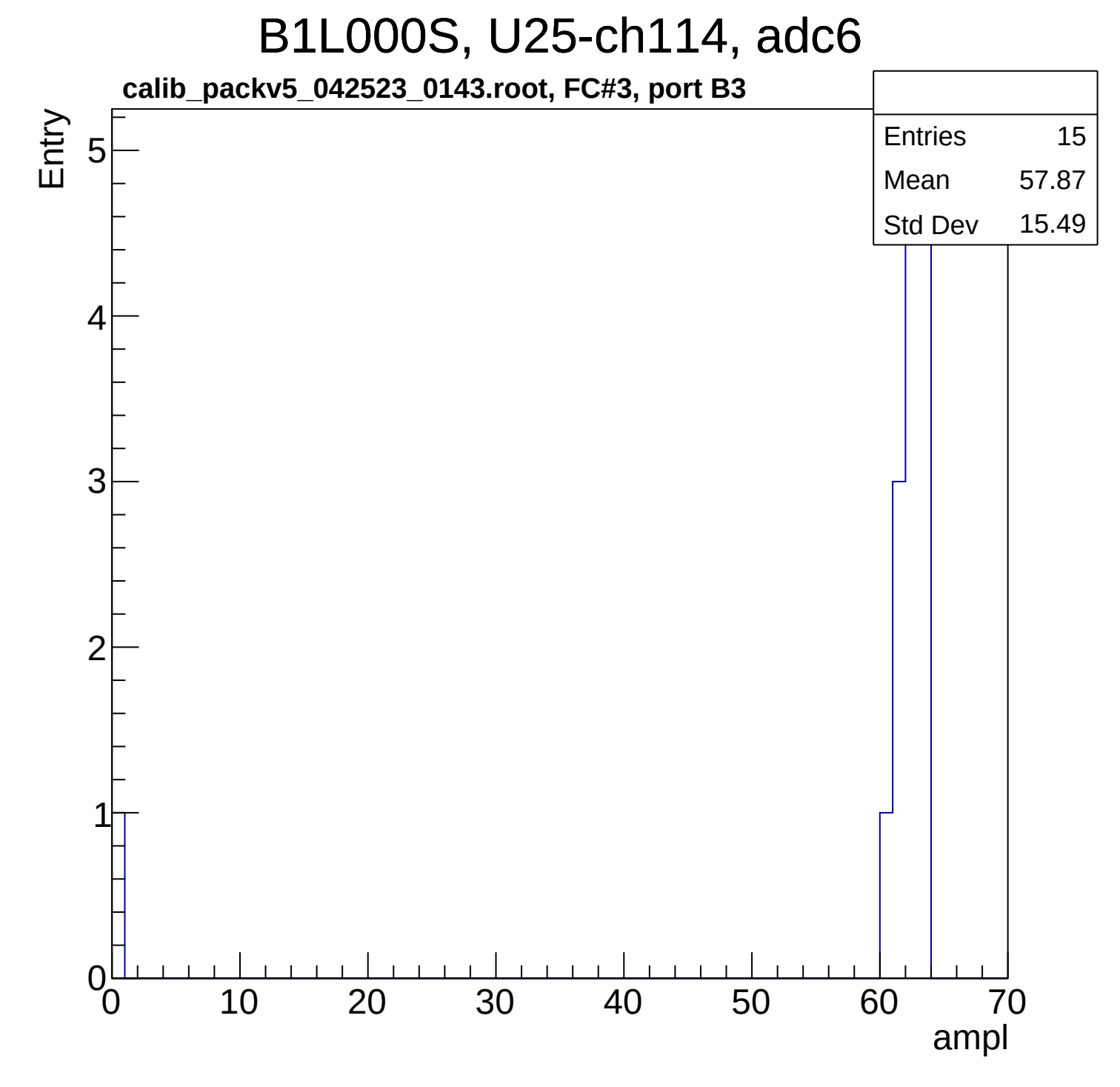
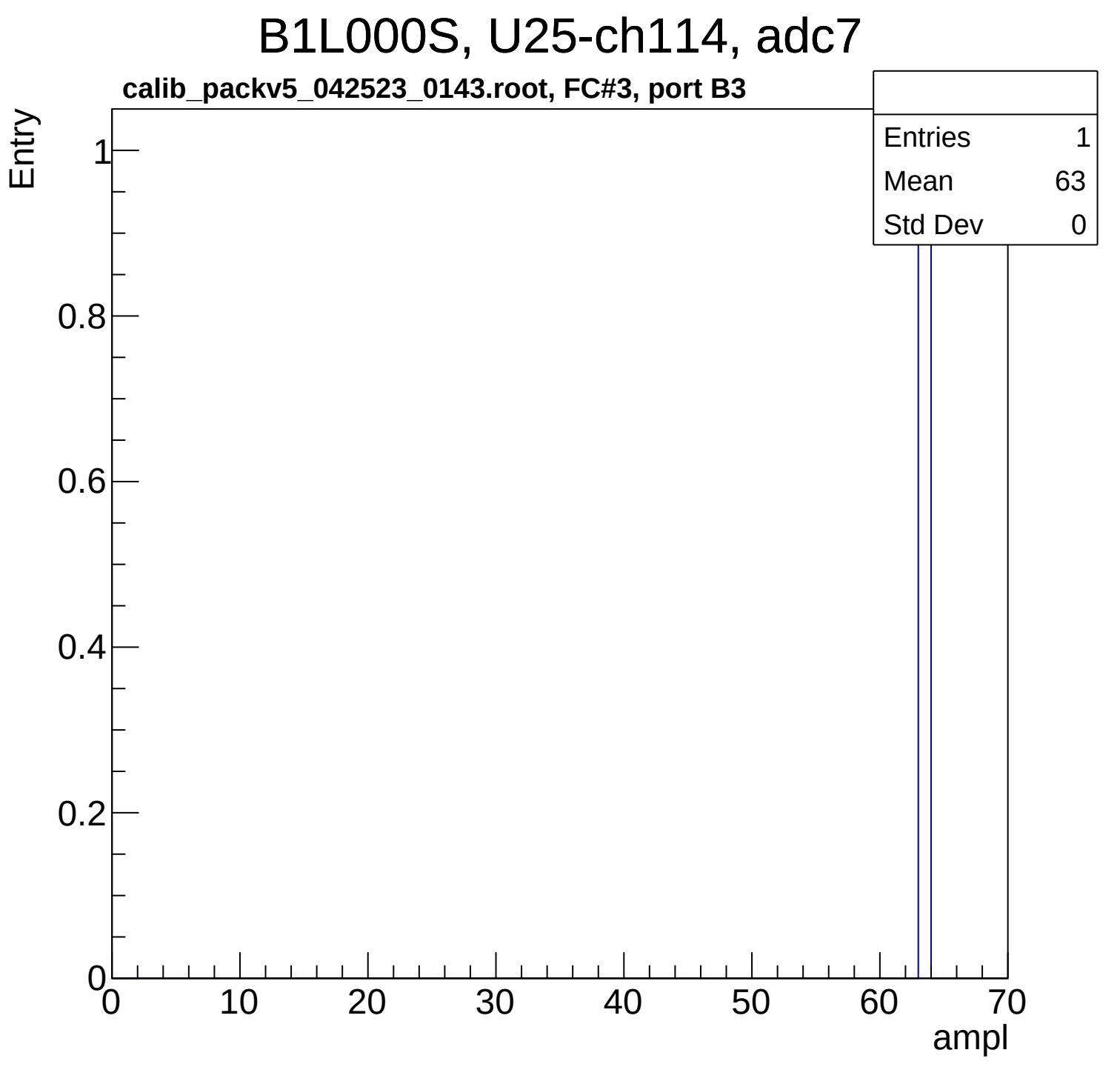
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch114, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 57.87
Std Dev 15.49
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch114, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 63
Std Dev 0
Entry
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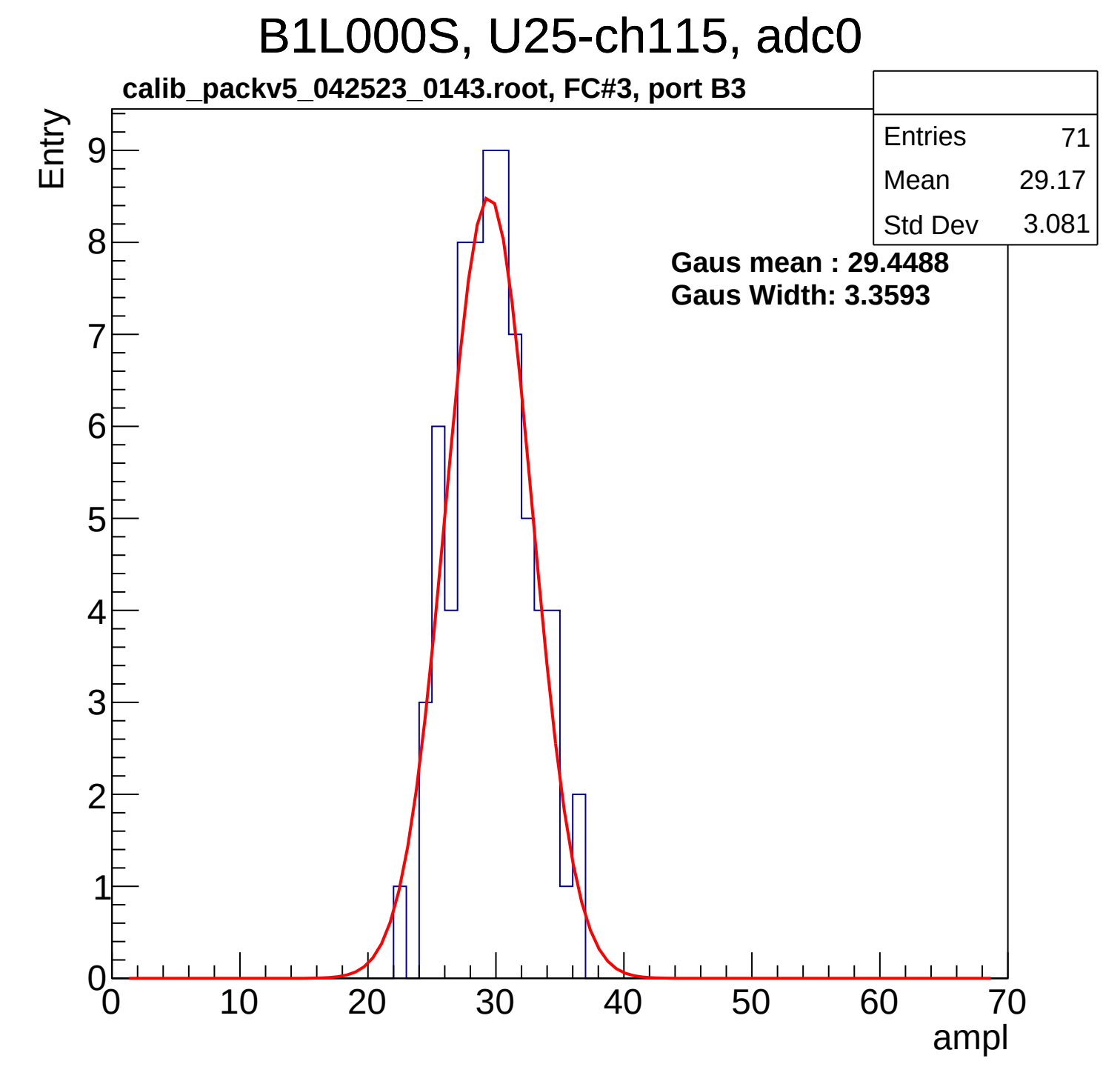
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch115, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 29.17
Std Dev 3.081
Gaus mean : 29.4488
Gaus Width: 3.3593
Entry
ampl
0
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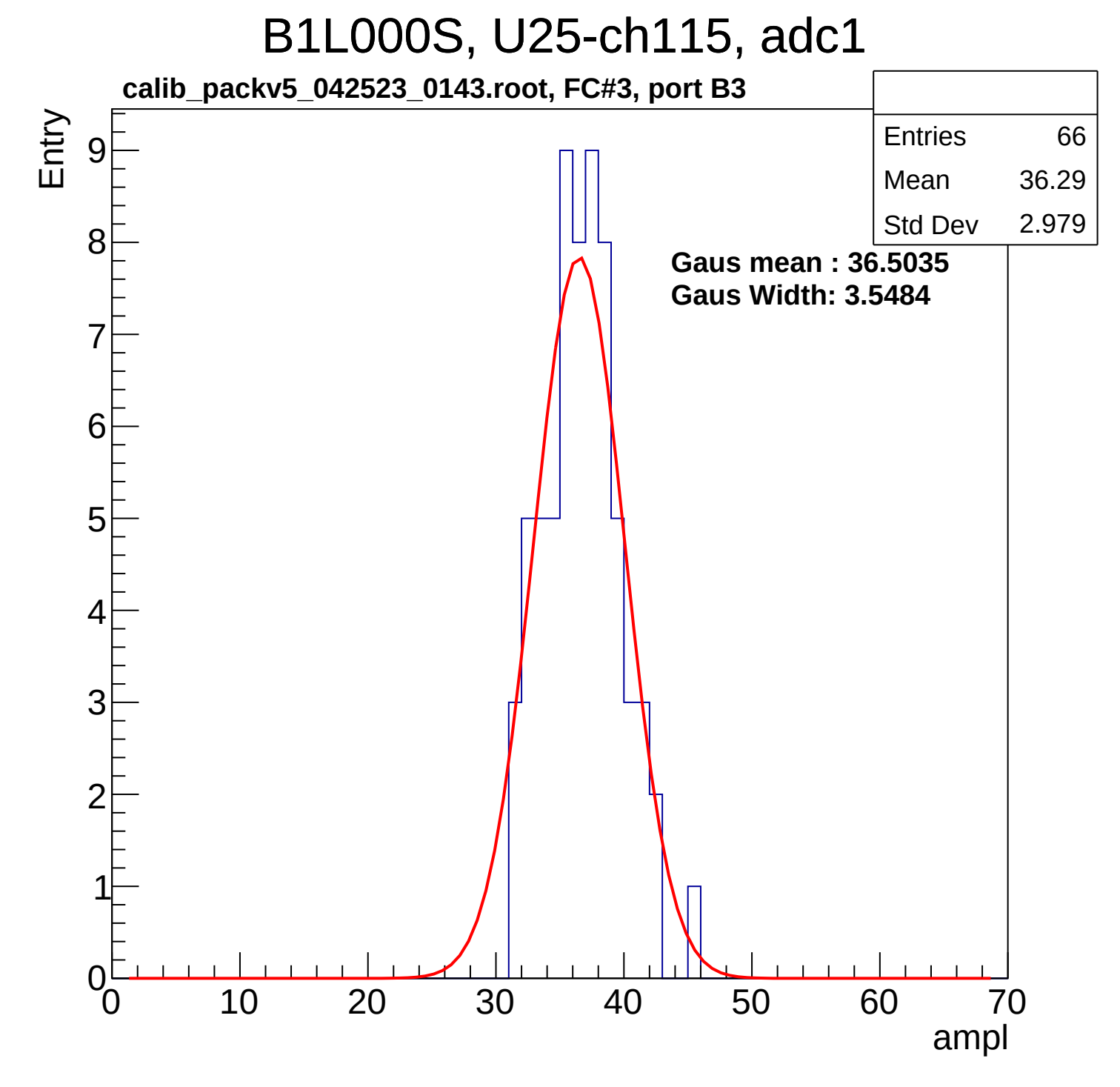
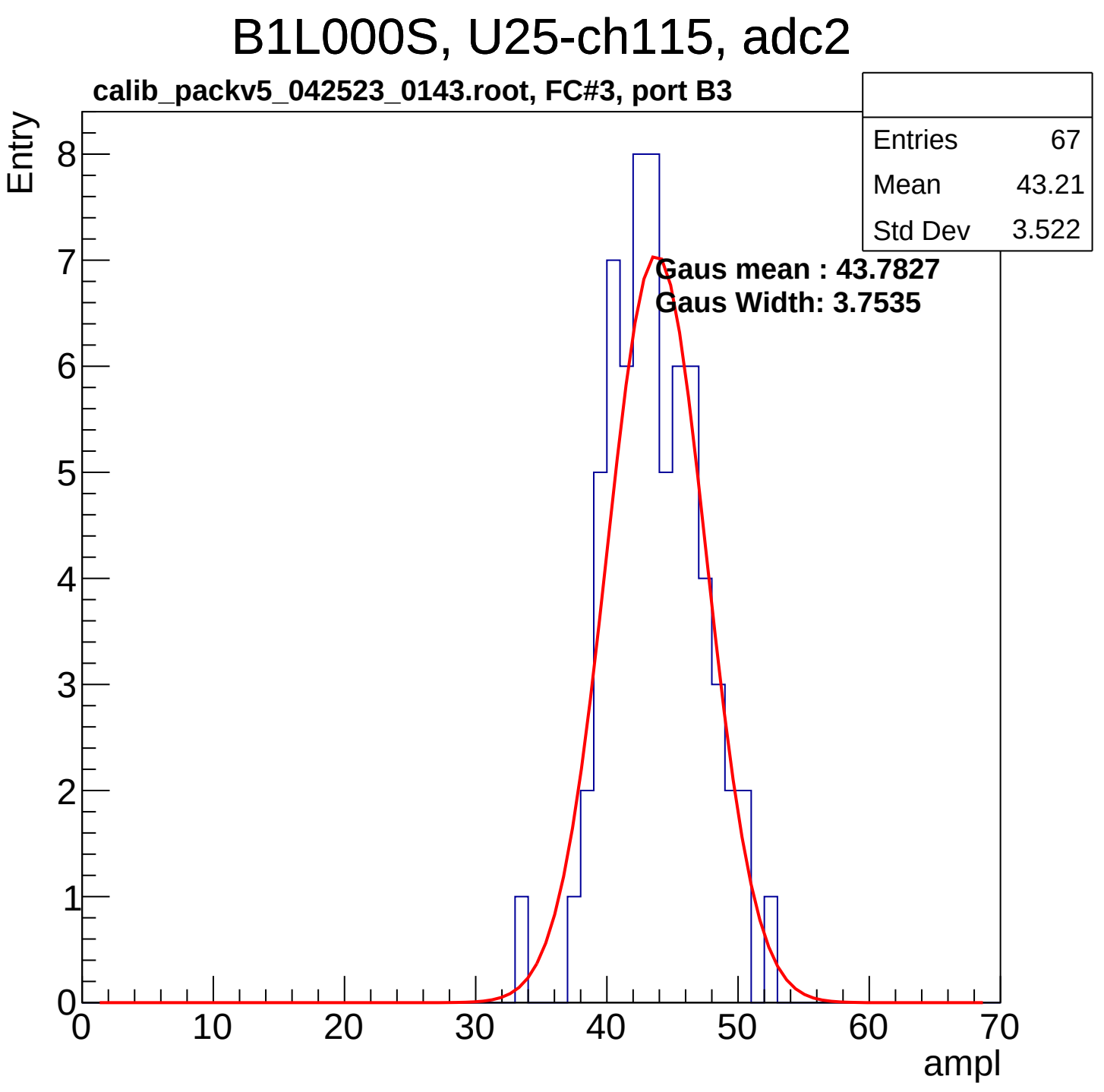
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch115, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 36.29
Std Dev 2.979
Gaus mean : 36.5035
Gaus Width: 3.5484
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch115, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 43.21
Std Dev 3.522
Gaus mean : 43.7827
Gaus Width: 3.7535
Entry
ampl
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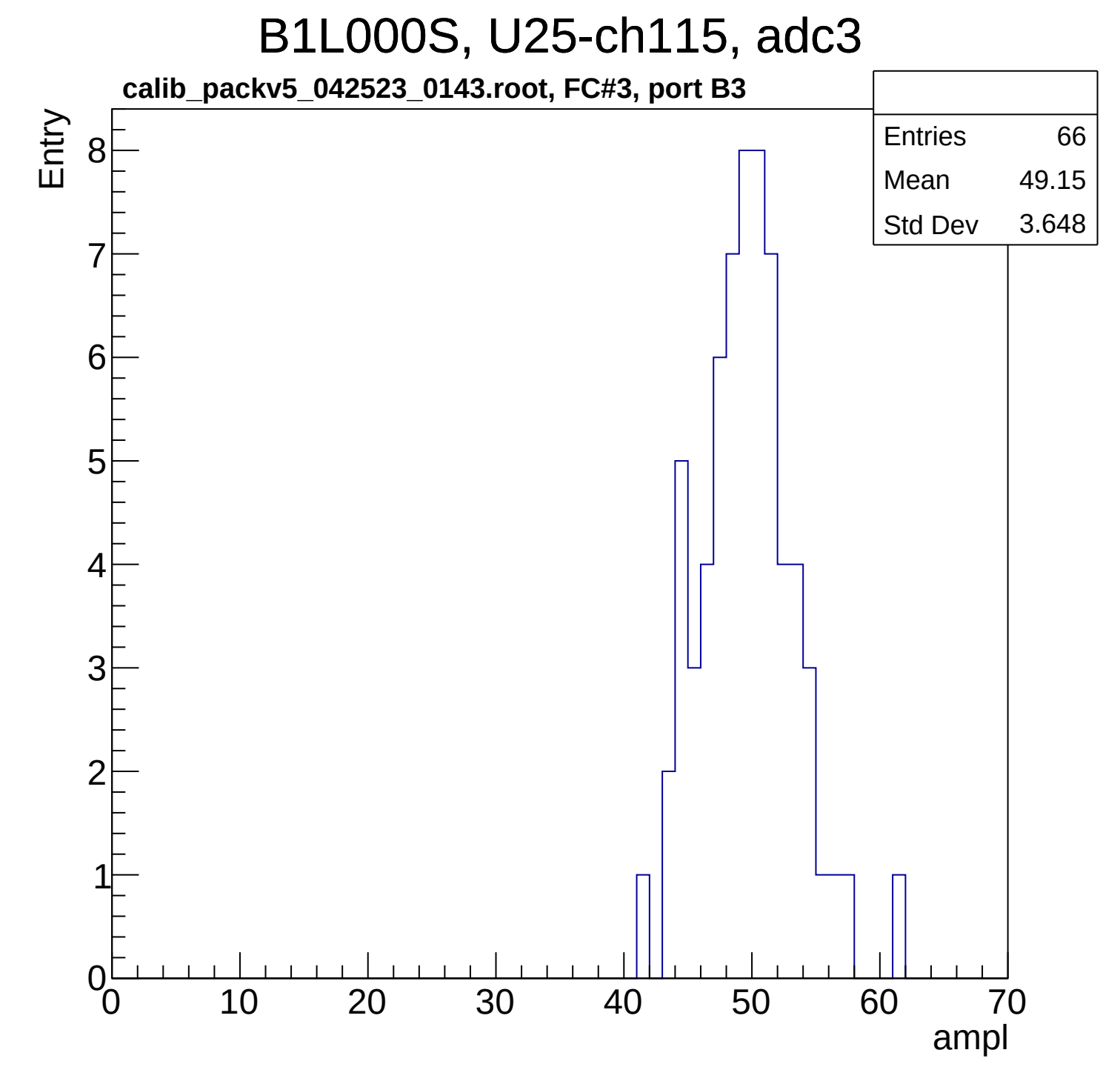
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch115, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 66
Mean 49.15
Std Dev 3.648
Entry
ampl
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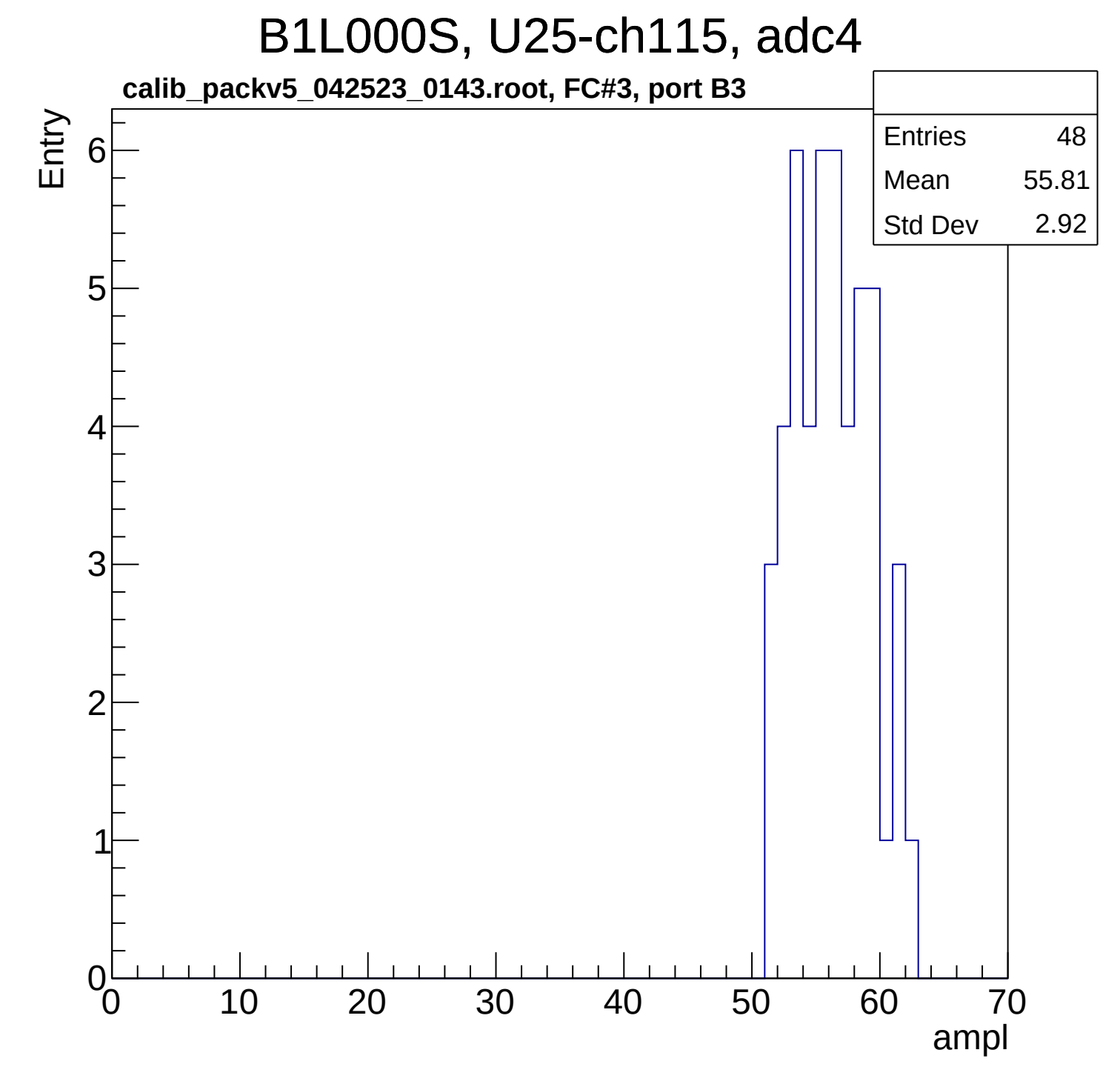
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch115, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 55.81
Std Dev 2.92
Entry
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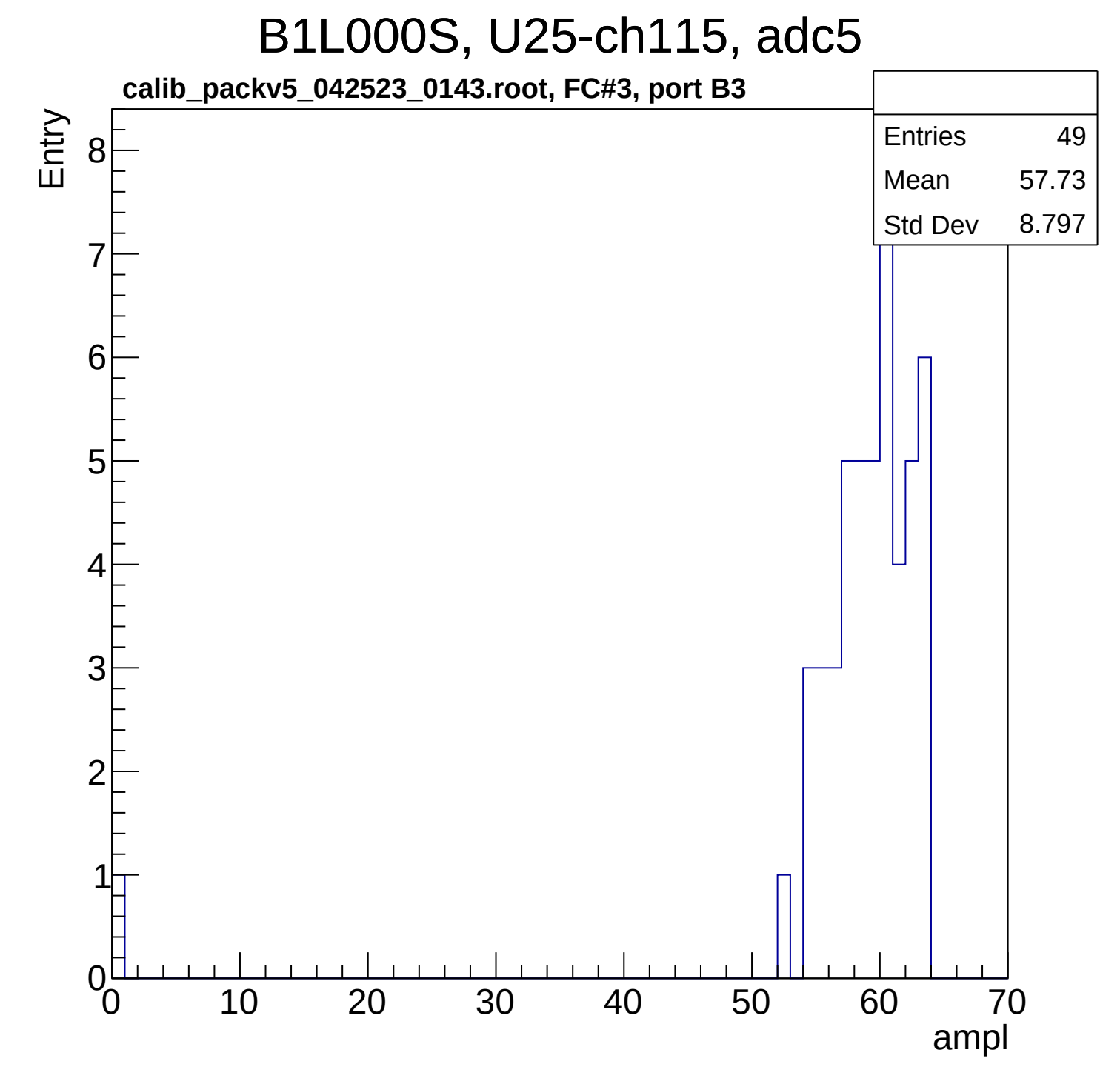
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch115, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 57.73
Std Dev 8.797
Entry
ampl
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3
4
5
6
7
8
0
10
20
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40
50
60
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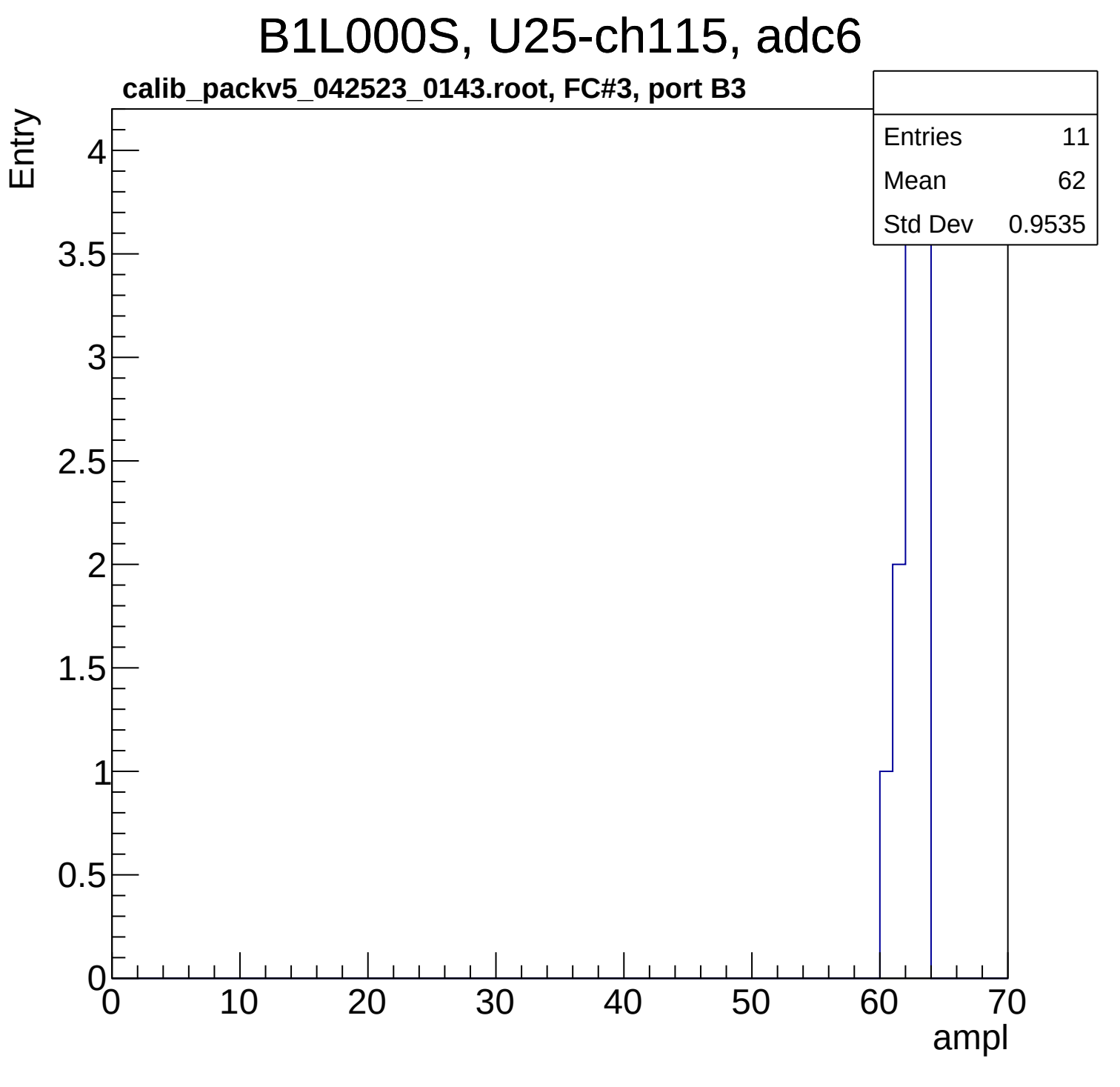
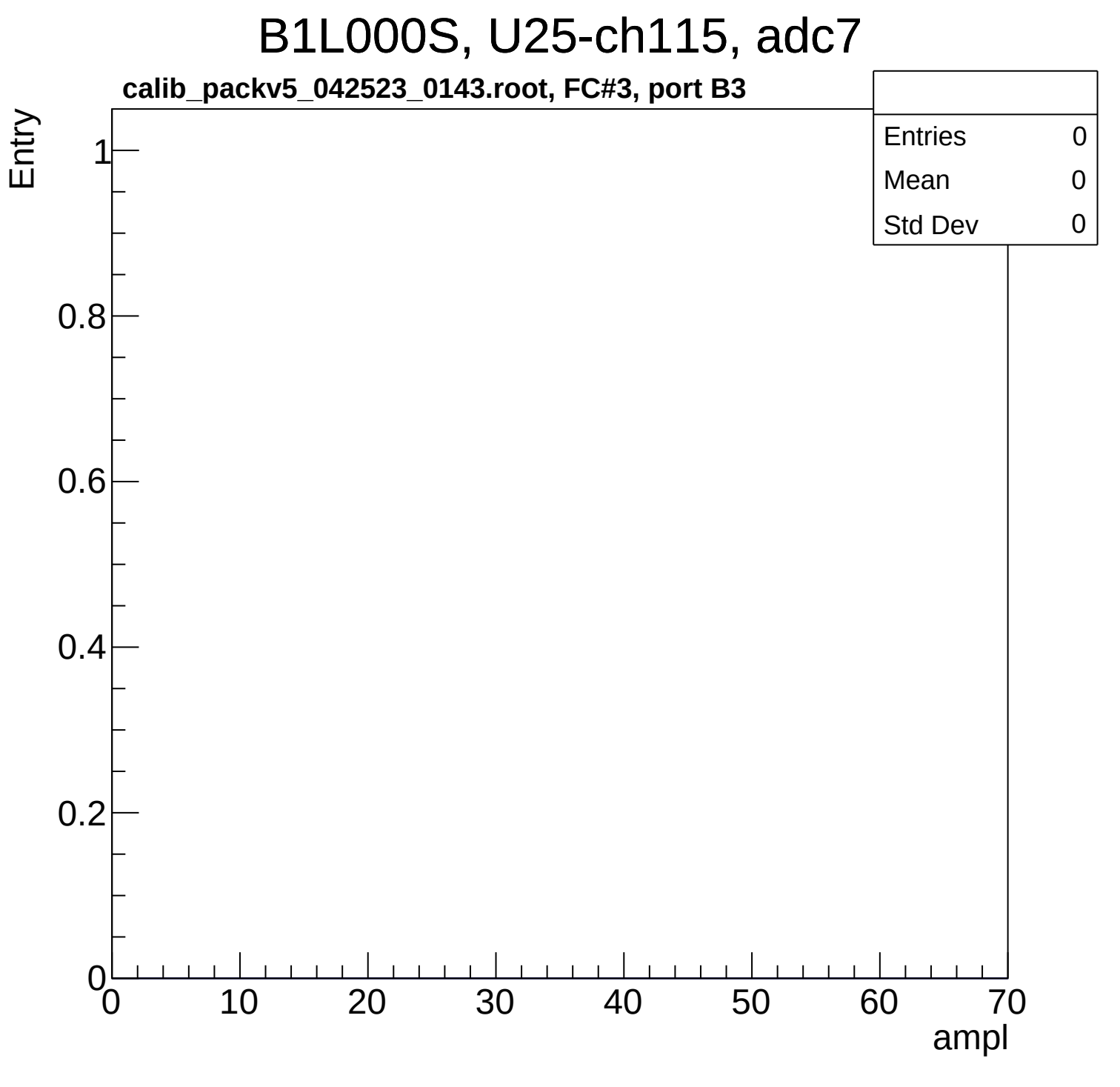

B1L000S, U25-ch115, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 11
Mean 62
Std Dev 0.9535
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U25-ch115, 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
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10
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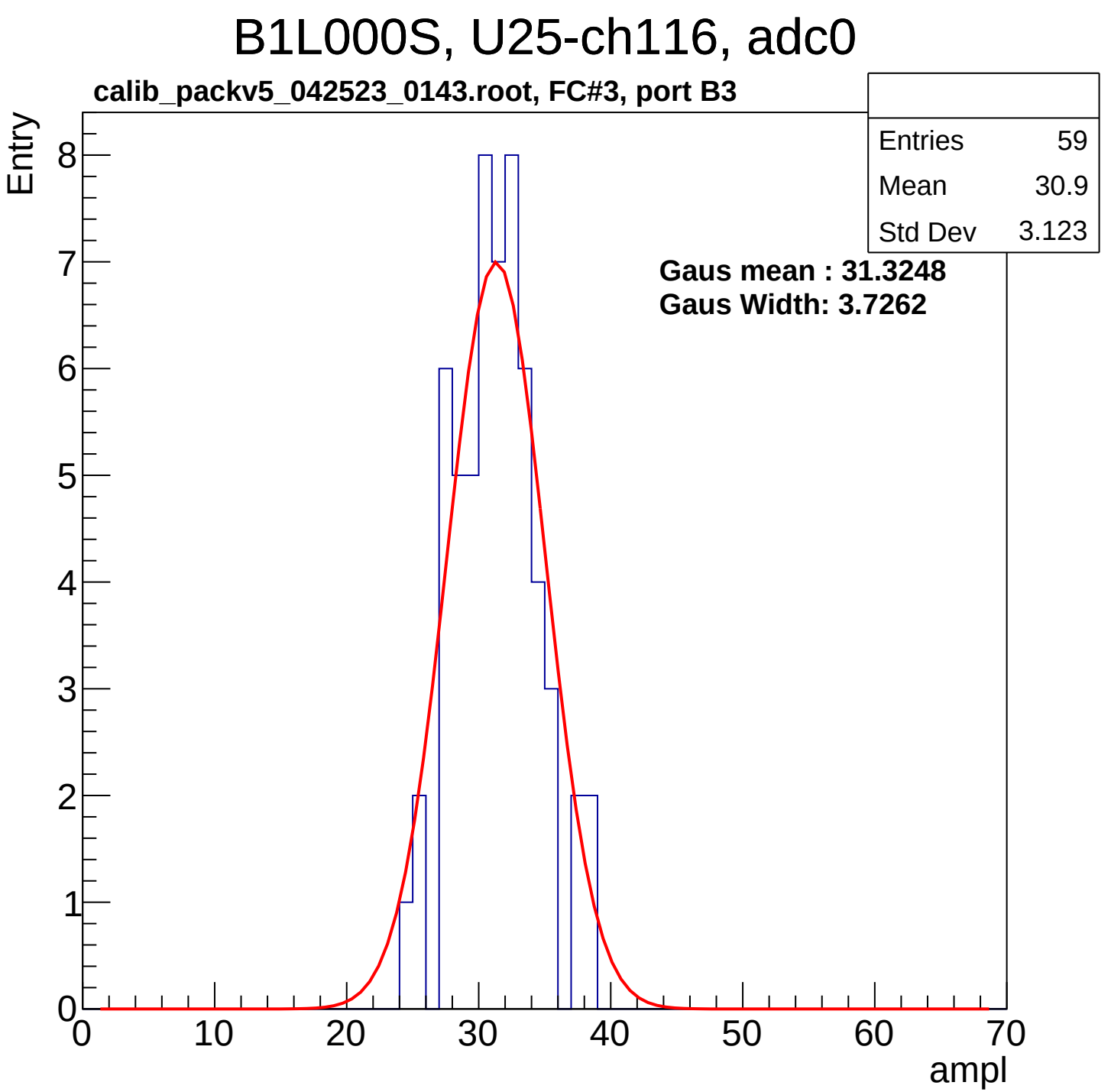
60
70
ampl


B1L000S, U25-ch116, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 30.9
Std Dev 3.123
Gaus mean : 31.3248
Gaus Width: 3.7262
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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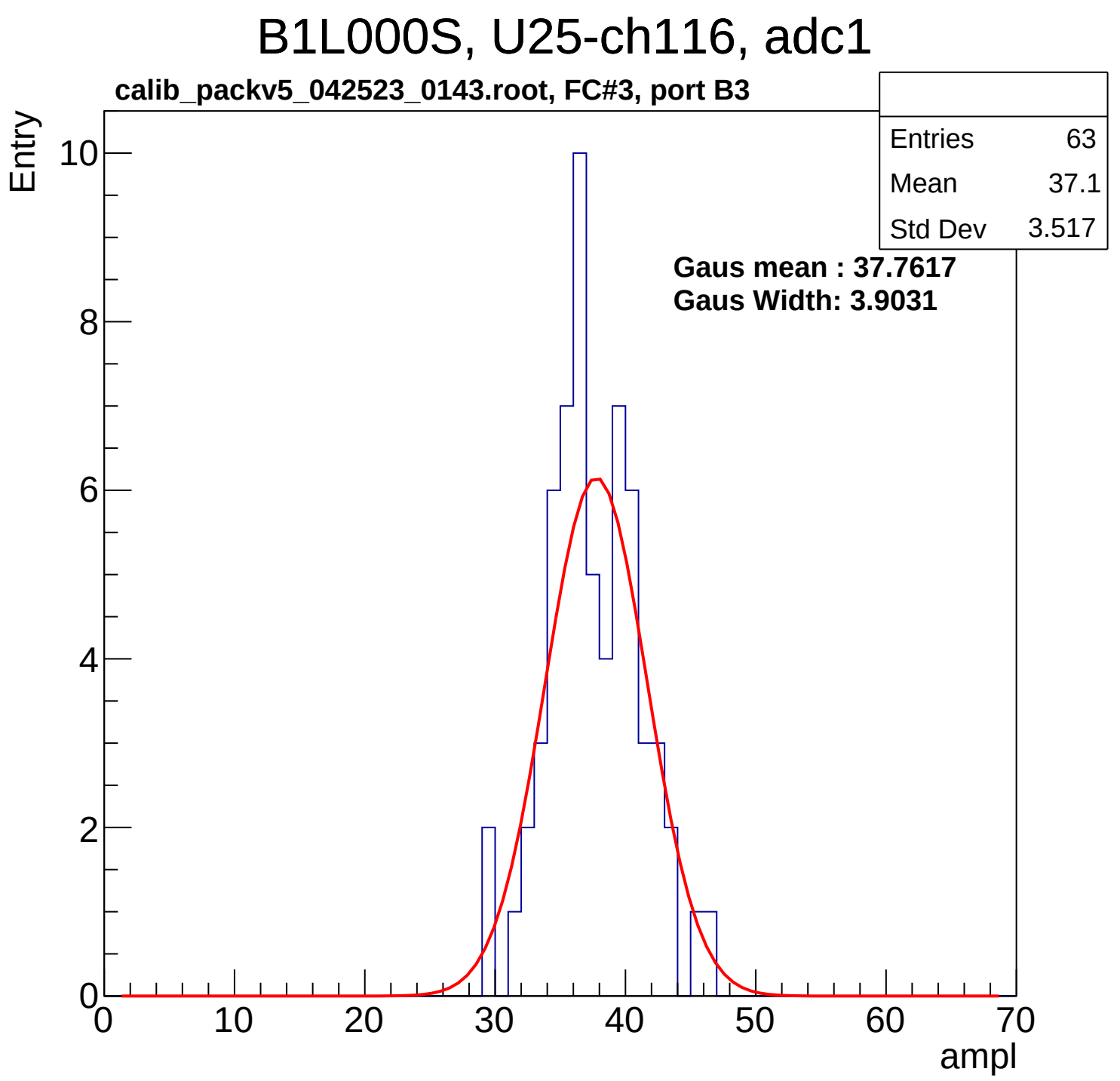
B1L000S, U25-ch116, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 37.1
Std Dev 3.517
Gaus mean : 37.7617
Gaus Width: 3.9031
Entry
ampl
0
2
4
6
8
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0
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20
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40
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60
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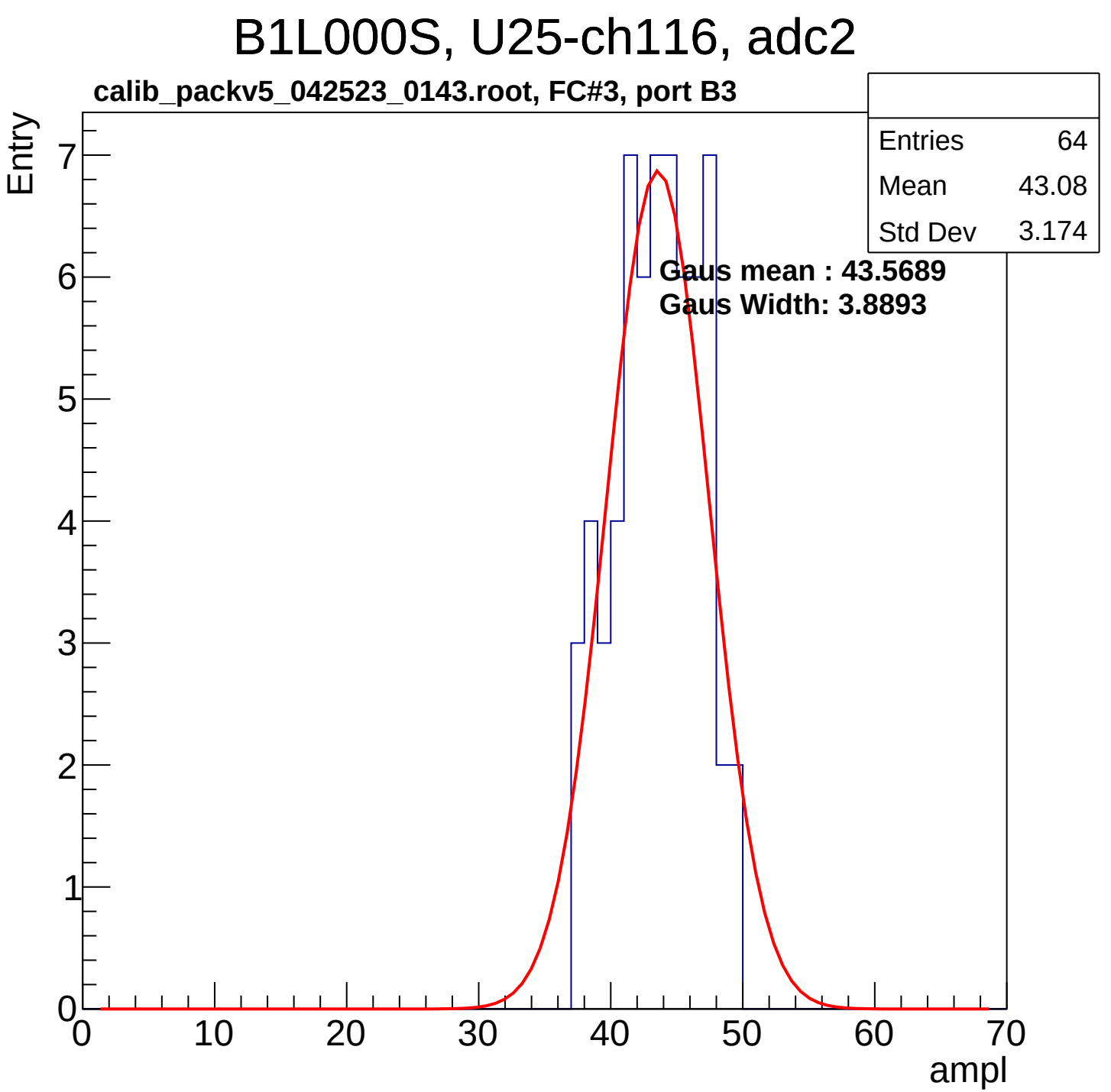
B1L000S, U25-ch116, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 43.08
Std Dev 3.174
Gaus mean : 43.5689
Gaus Width: 3.8893
Entry
ampl
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2
3
4
5
6
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0
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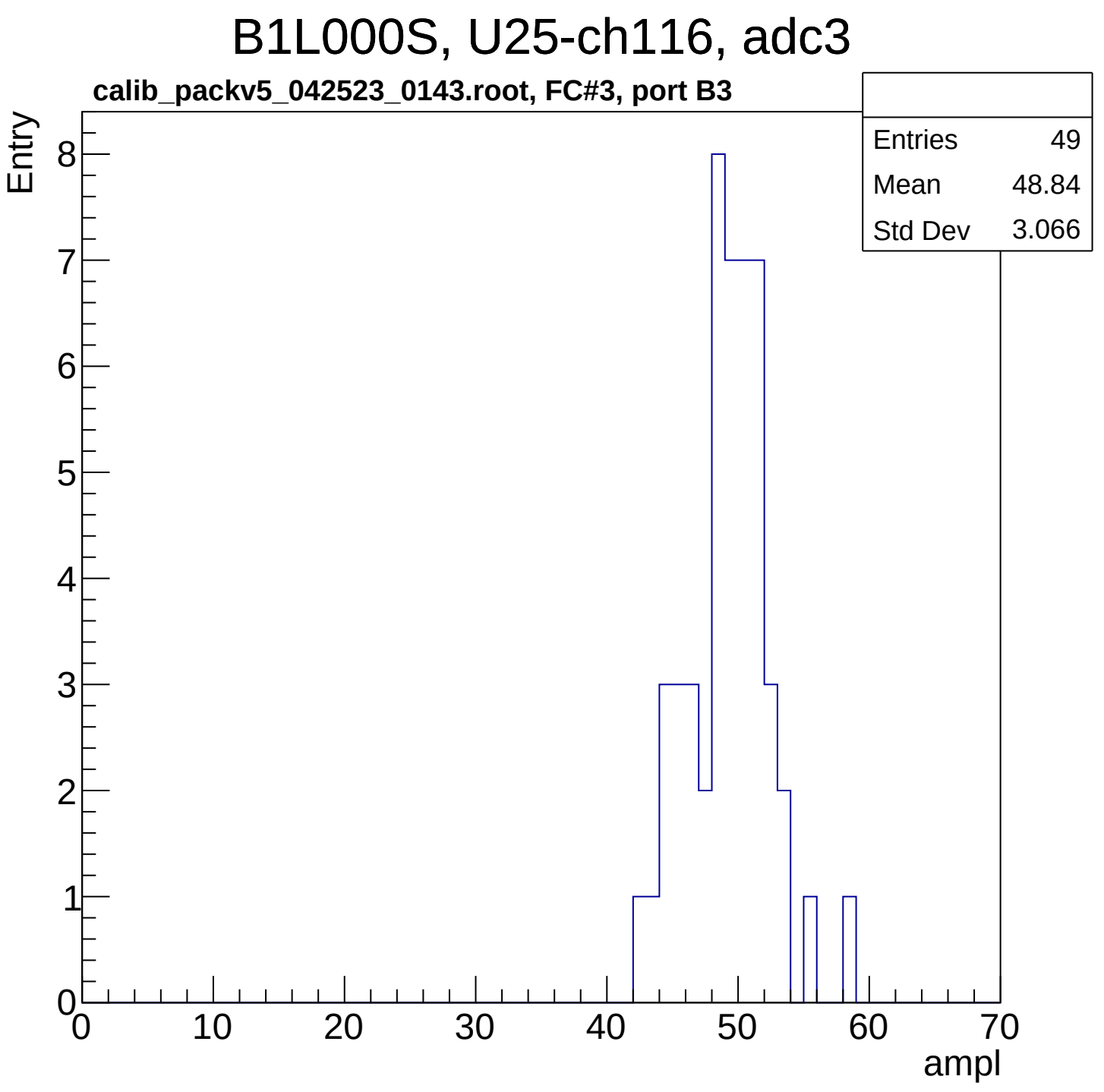
B1L000S, U25-ch116, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 48.84
Std Dev 3.066
Entry
ampl
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2
3
4
5
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7
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0
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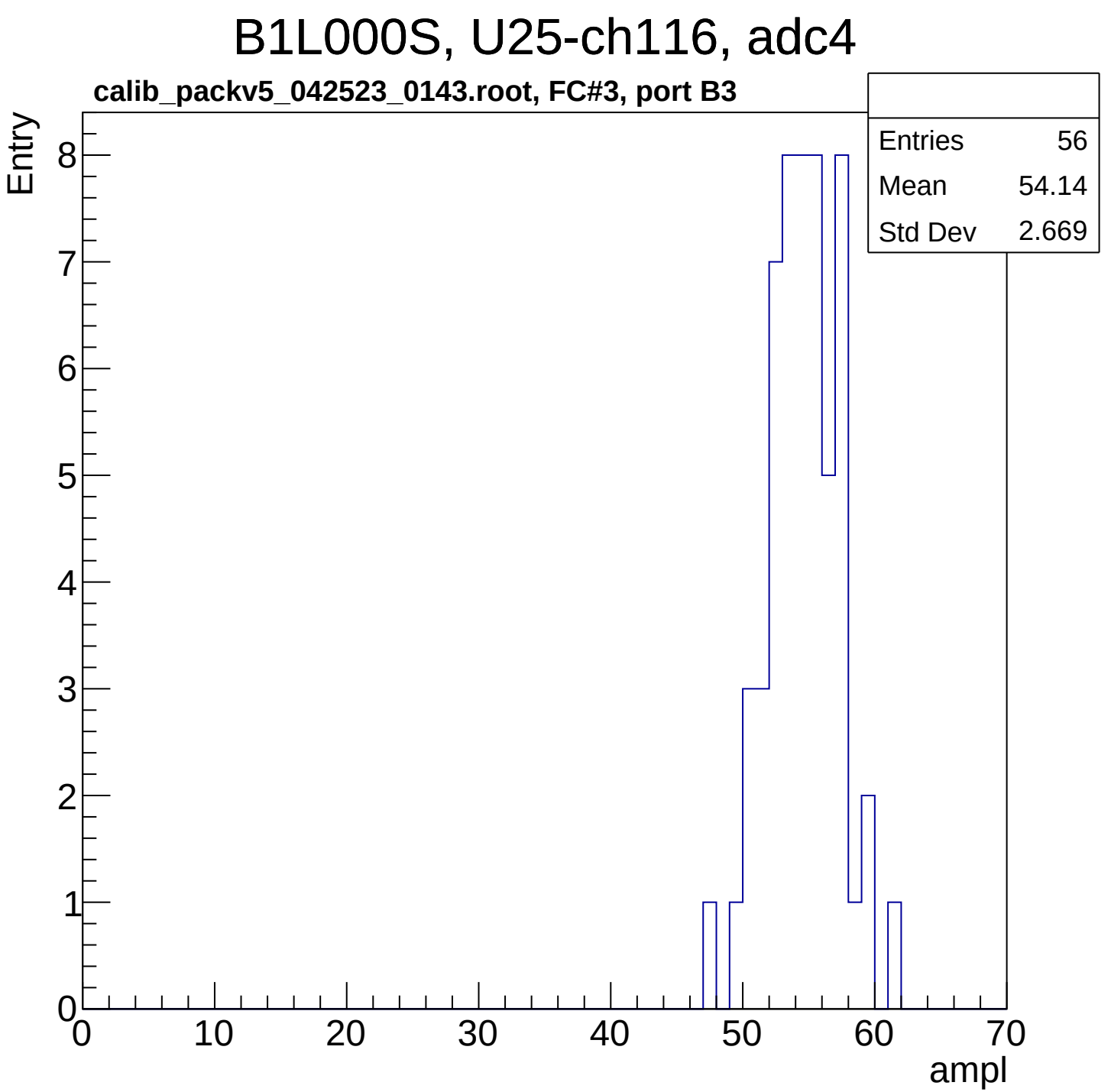
B1L000S, U25-ch116, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 54.14
Std Dev 2.669
Entry
ampl
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1
2
3
4
5
6
7
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0
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40
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60
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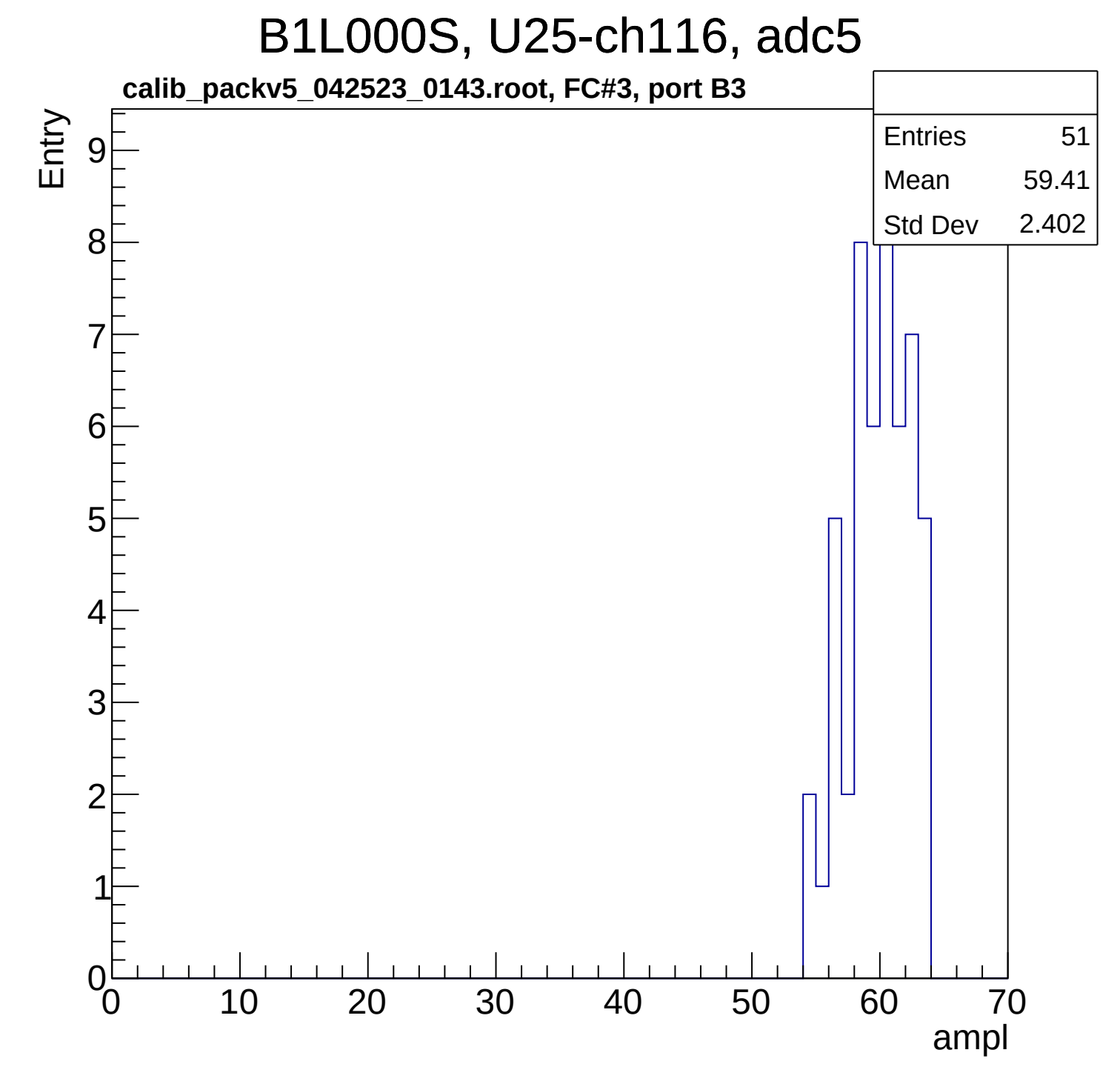
B1L000S, U25-ch116, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 51
Mean 59.41
Std Dev 2.402
Entry
ampl
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2
3
4
5
6
7
8
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0
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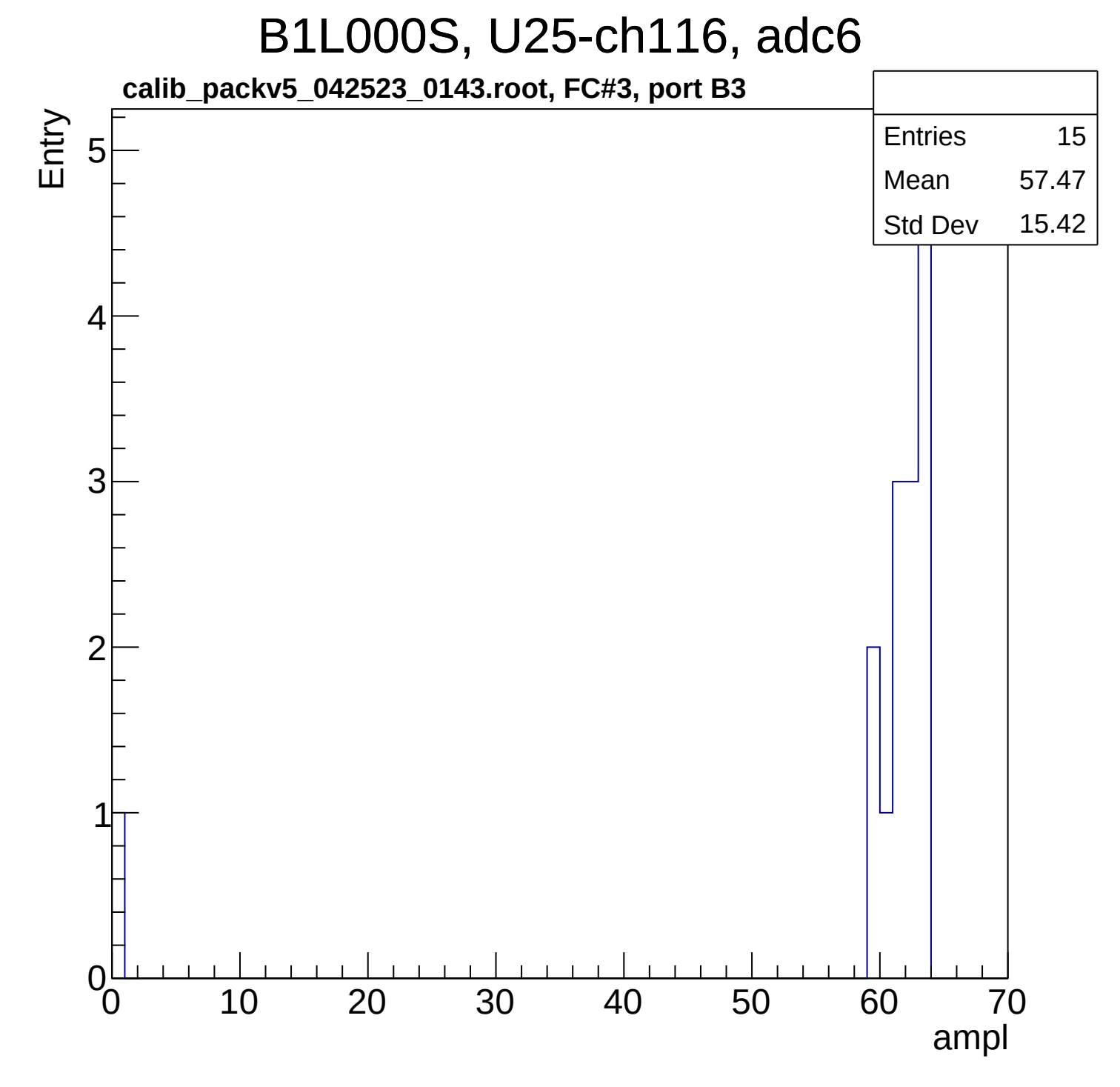
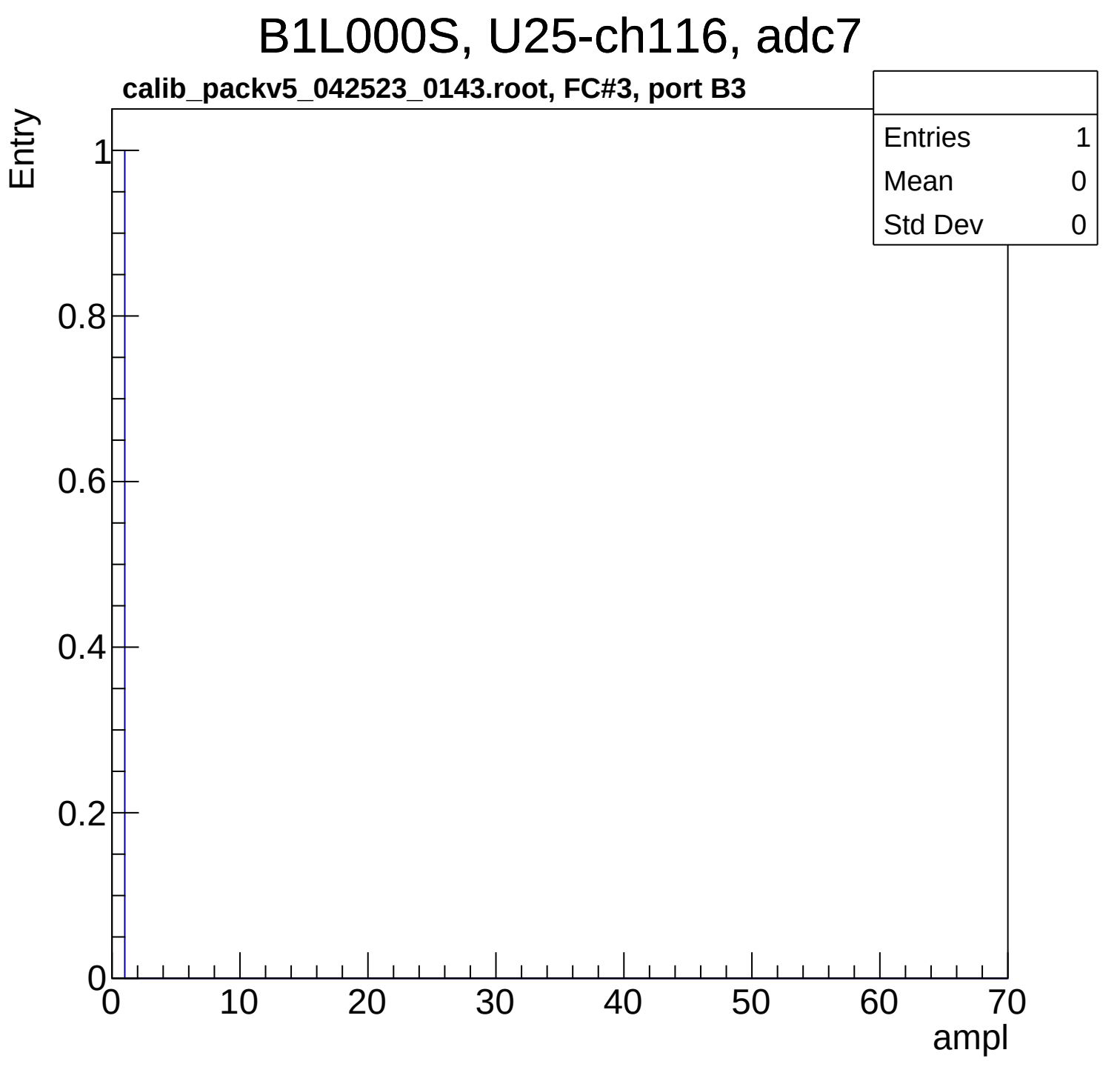

B1L000S, U25-ch116, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 57.47
Std Dev 15.42
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch116, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
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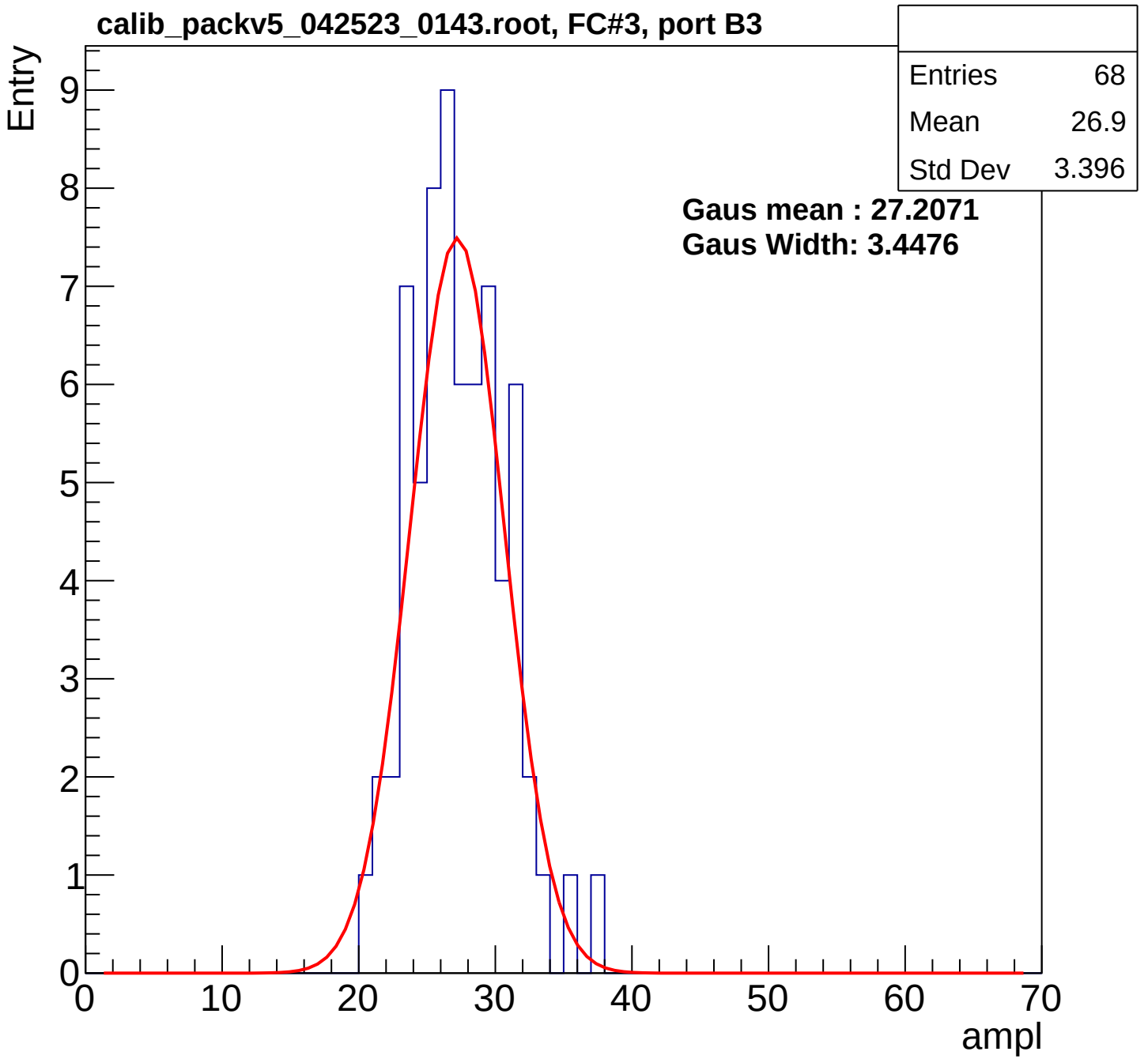
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch117, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 26.9
Std Dev 3.396
Gaus mean : 27.2071
Gaus Width: 3.4476
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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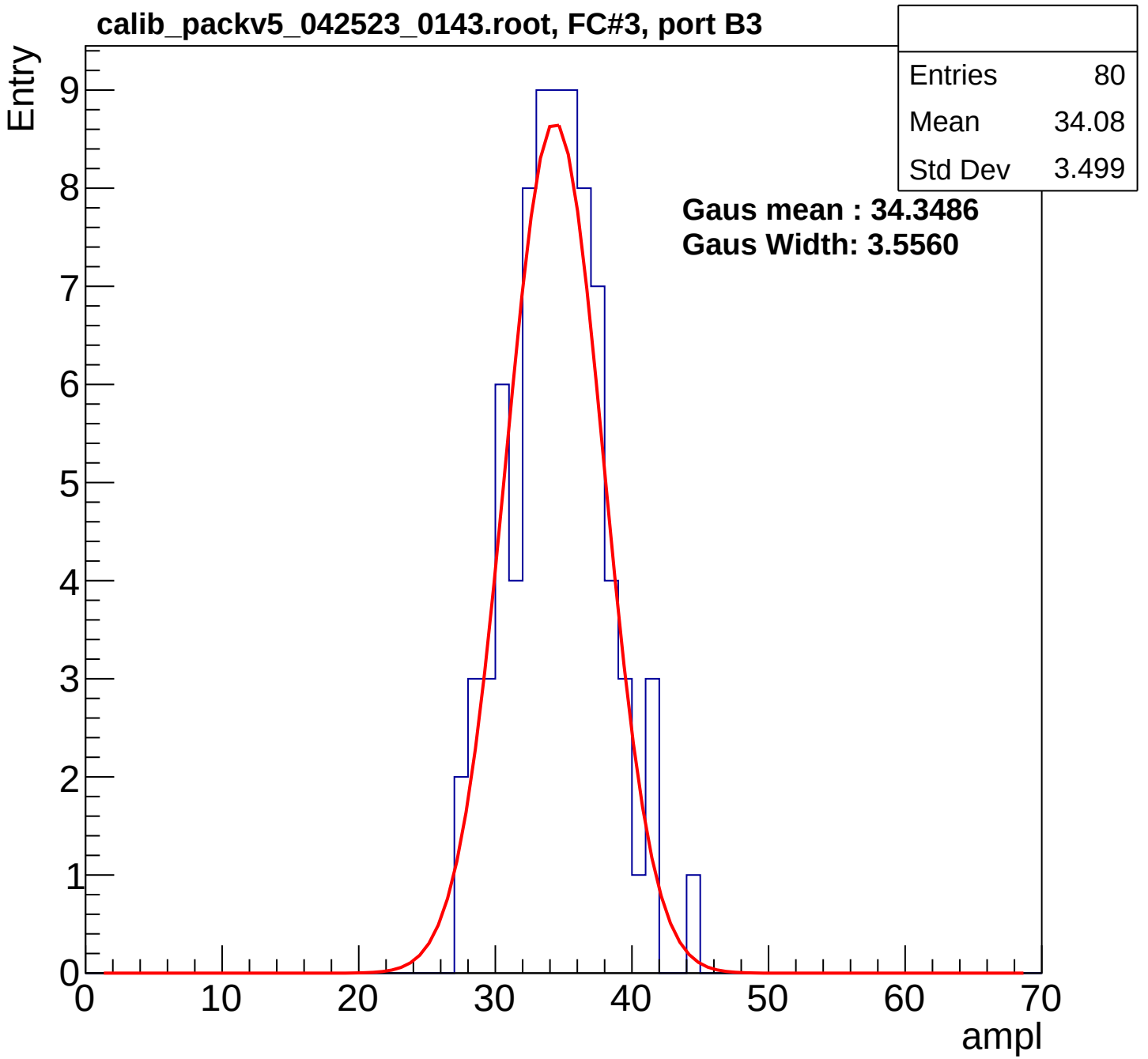
B1L000S, U25-ch117, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 80
Mean 34.08
Std Dev 3.499
Gaus mean : 34.3486
Gaus Width: 3.5560
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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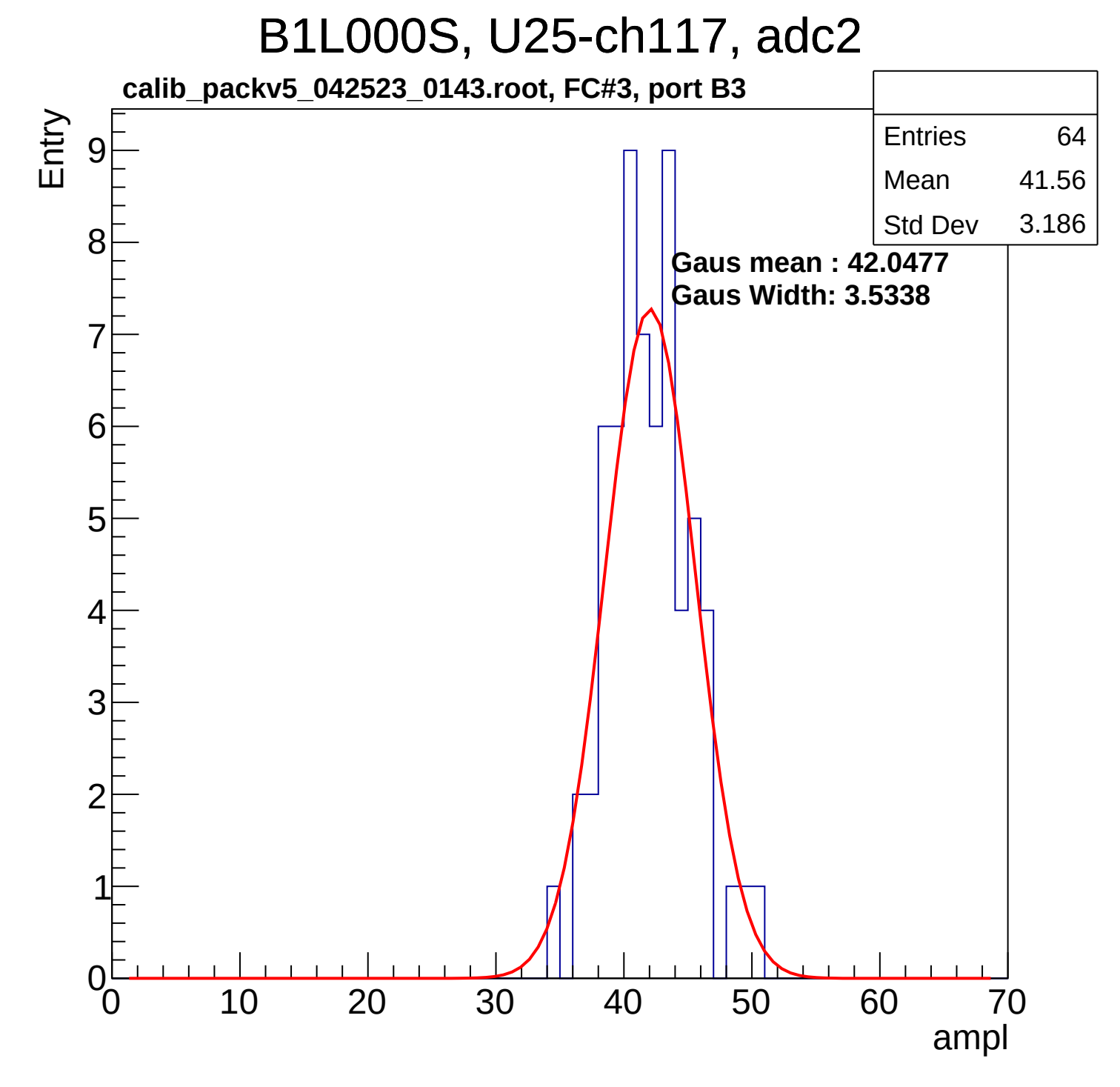
B1L000S, U25-ch117, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 41.56
Std Dev 3.186
Gaus mean : 42.0477
Gaus Width: 3.5338
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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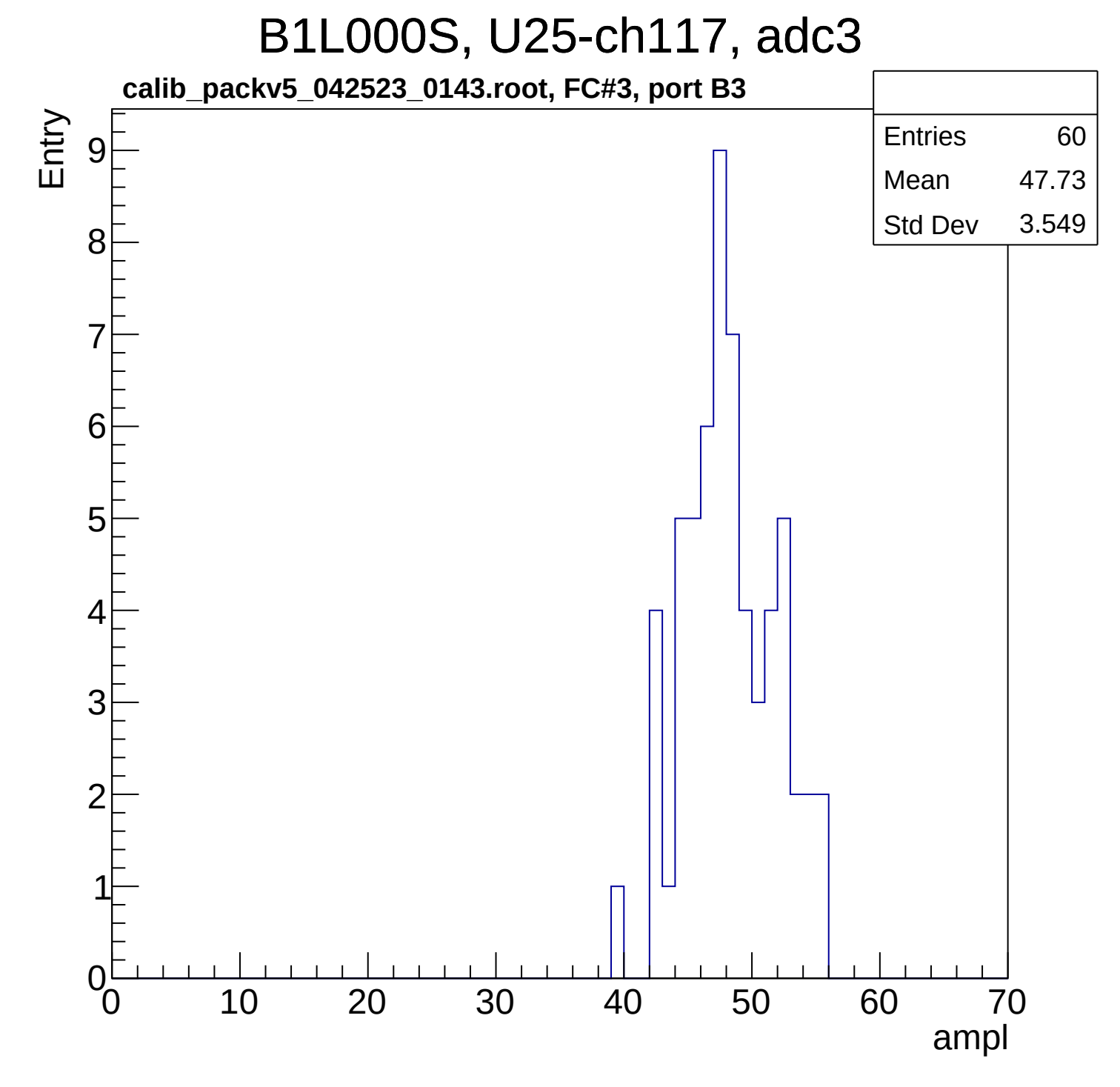
B1L000S, U25-ch117, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 47.73
Std Dev 3.549
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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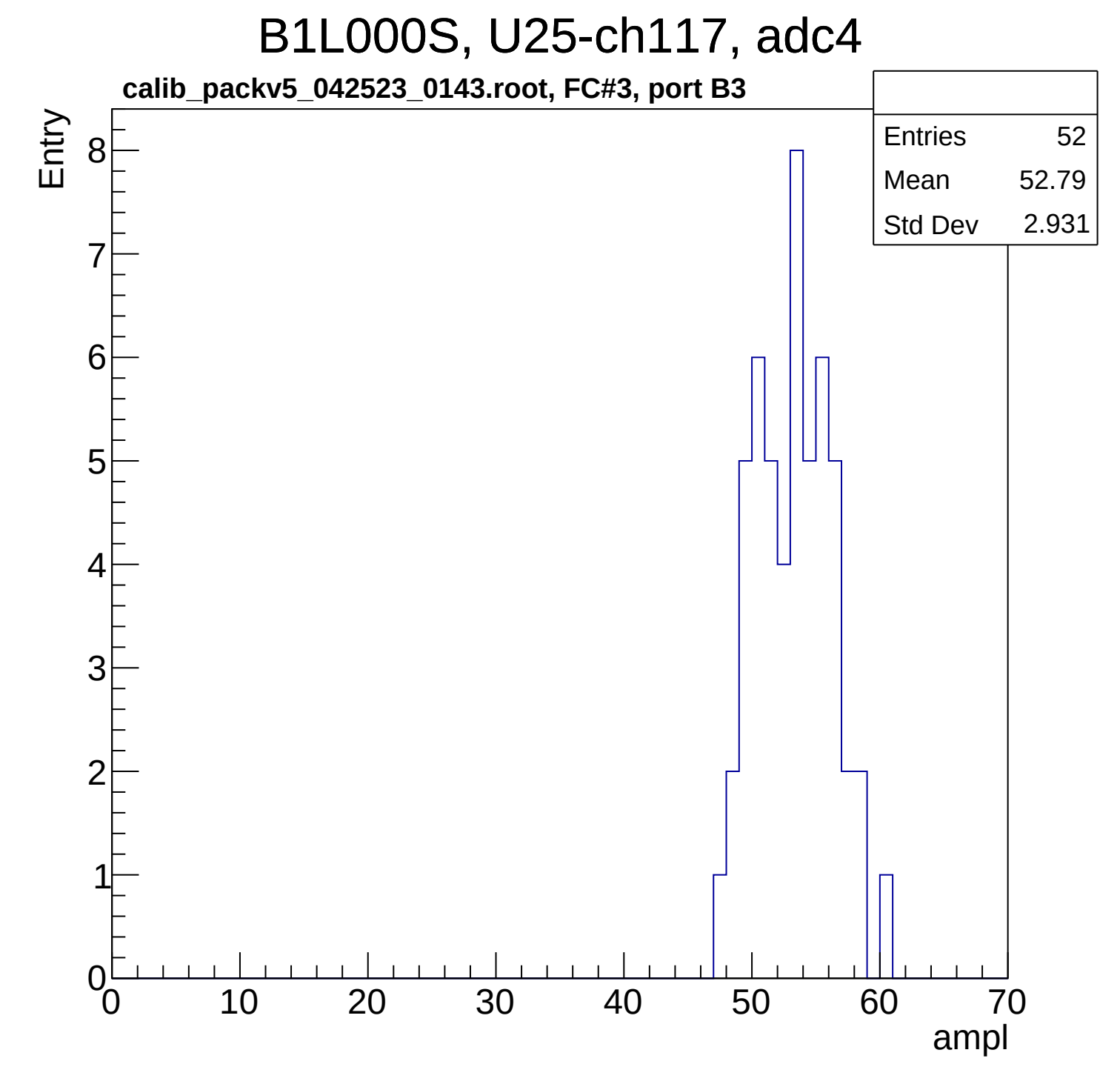
B1L000S, U25-ch117, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 52.79
Std Dev 2.931
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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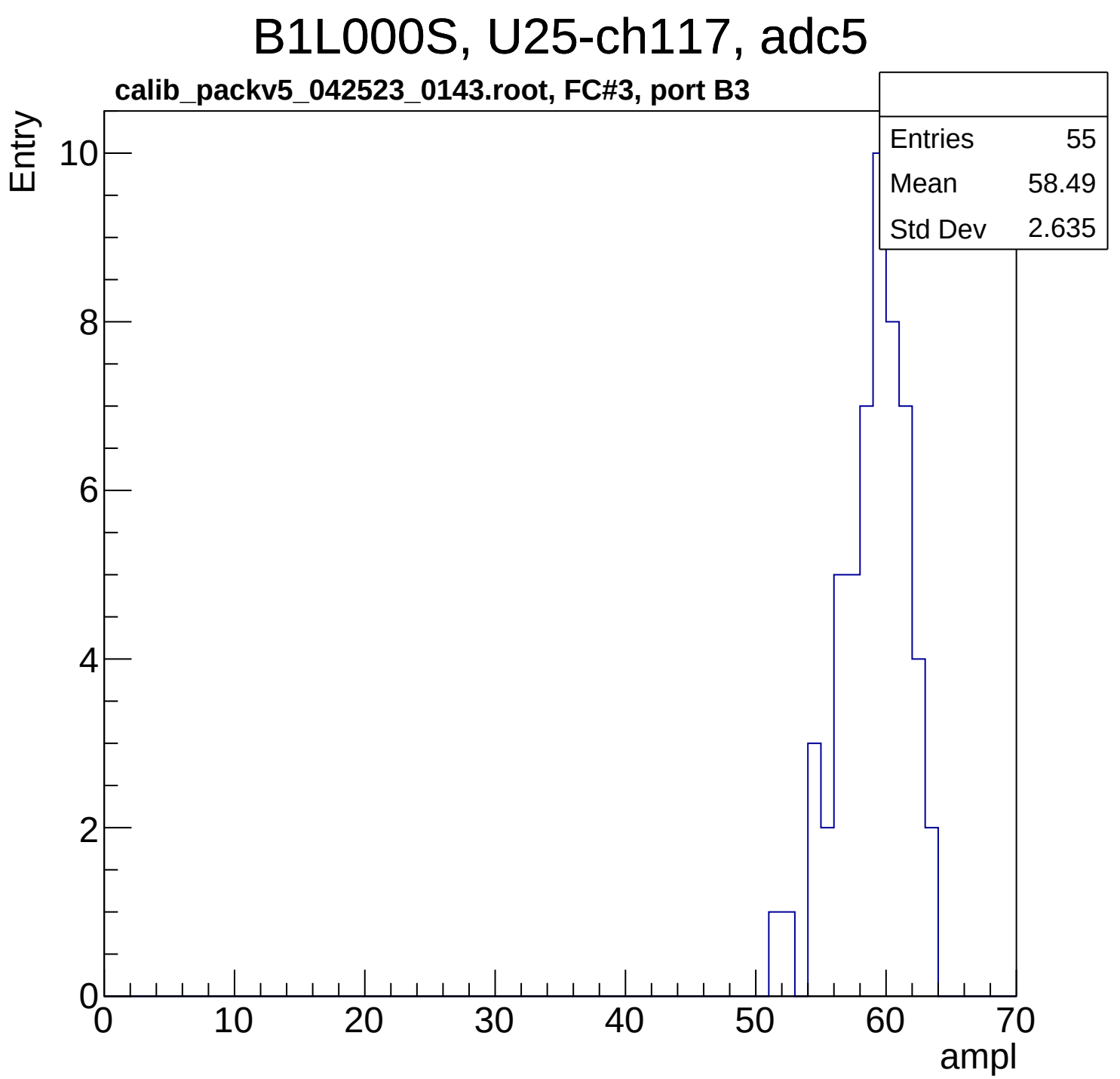
B1L000S, U25-ch117, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 58.49
Std Dev 2.635
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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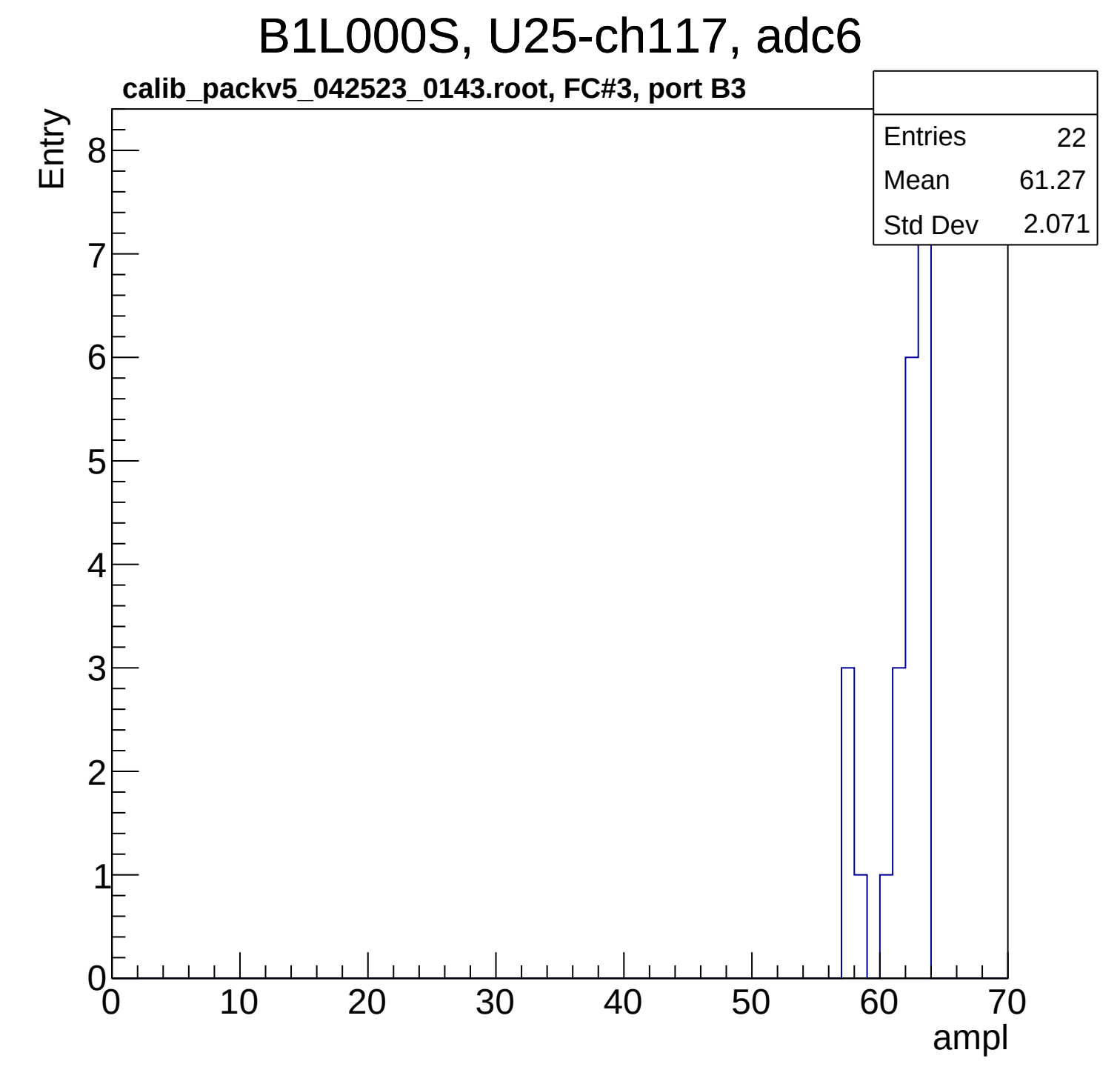
B1L000S, U25-ch117, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 22
Mean 61.27
Std Dev 2.071
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
30
40
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60
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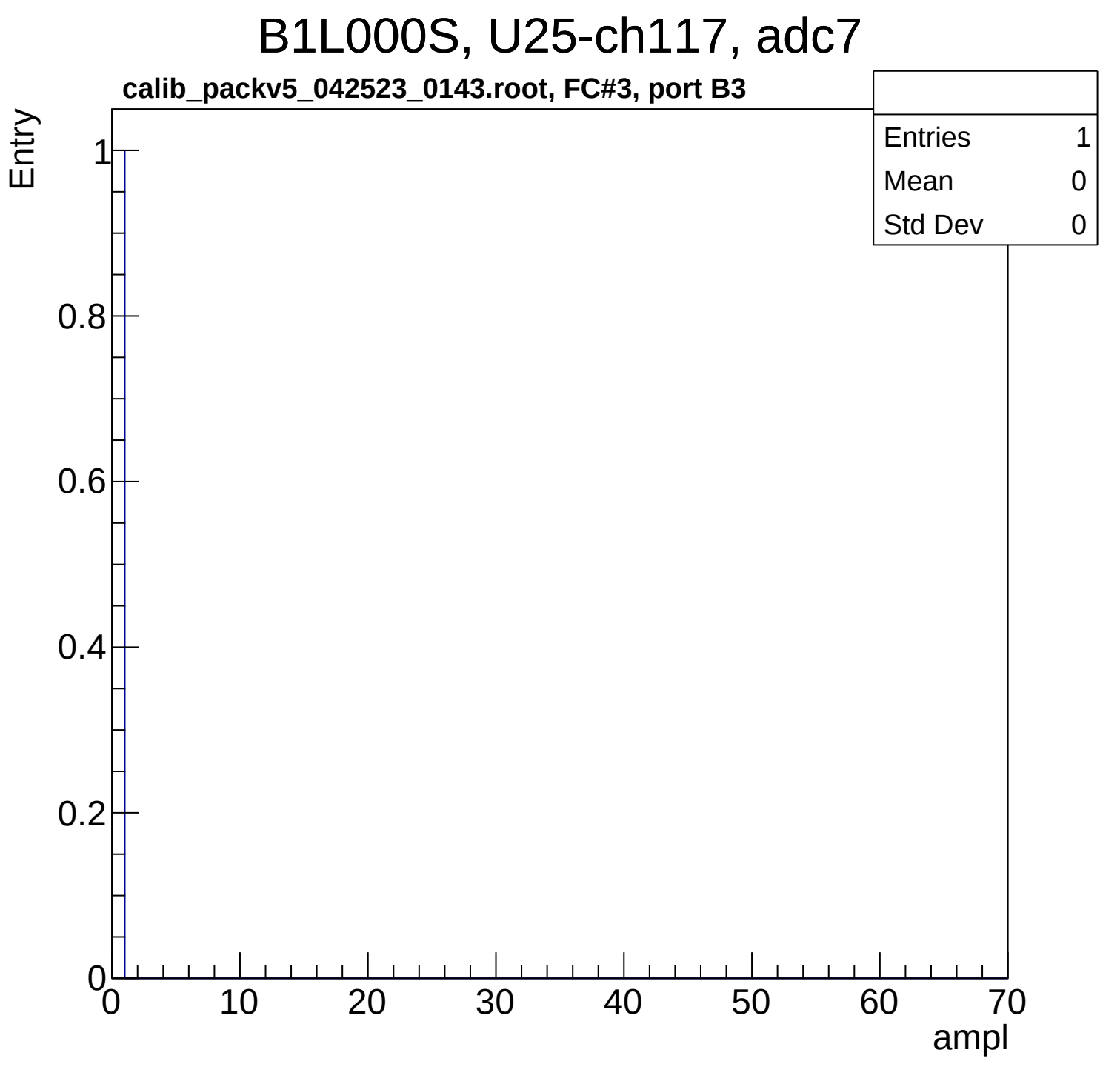
B1L000S, U25-ch117, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
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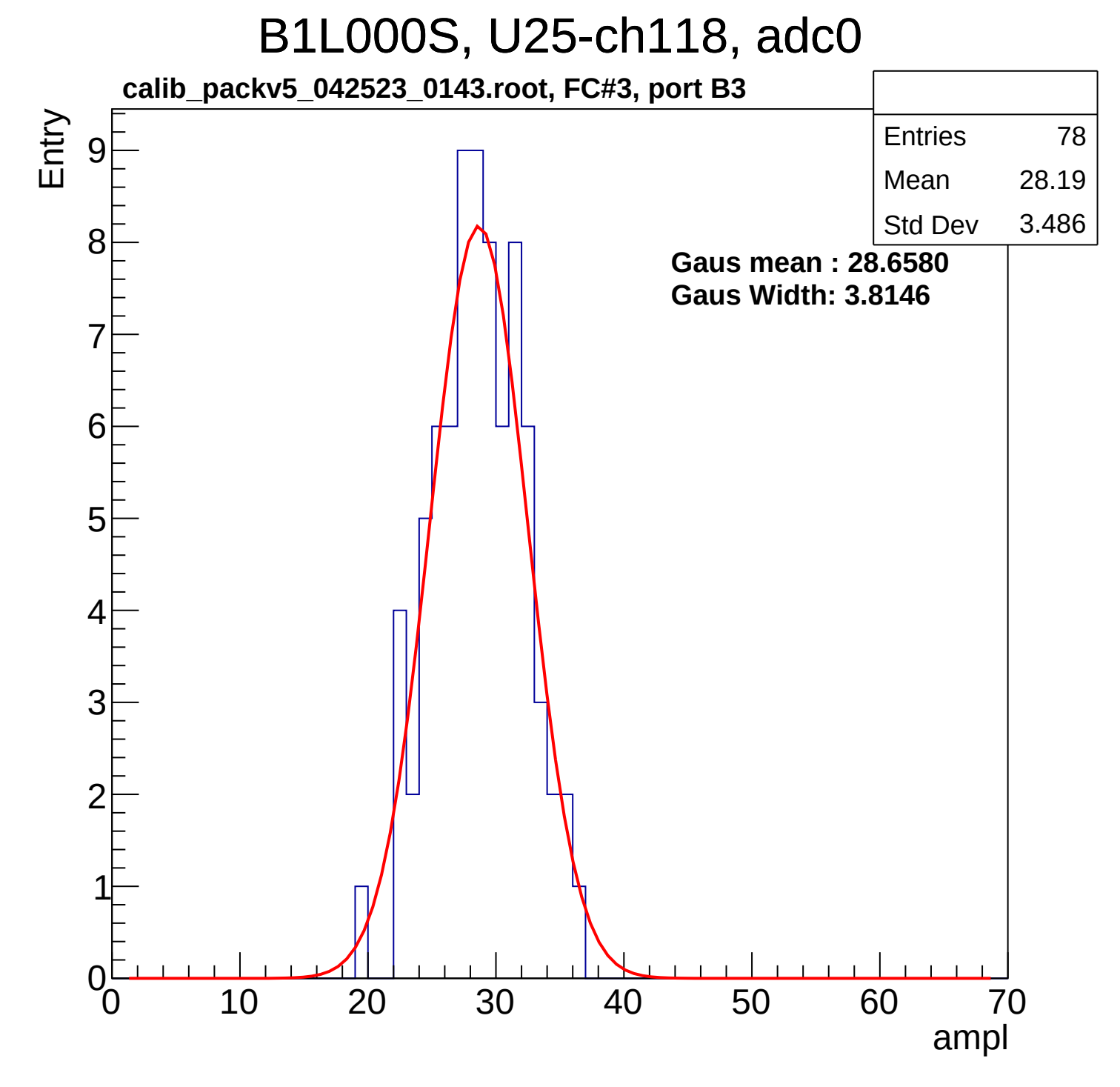
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch118, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 78
Mean 28.19
Std Dev 3.486
Gaus mean : 28.6580
Gaus Width: 3.8146
Entry
ampl
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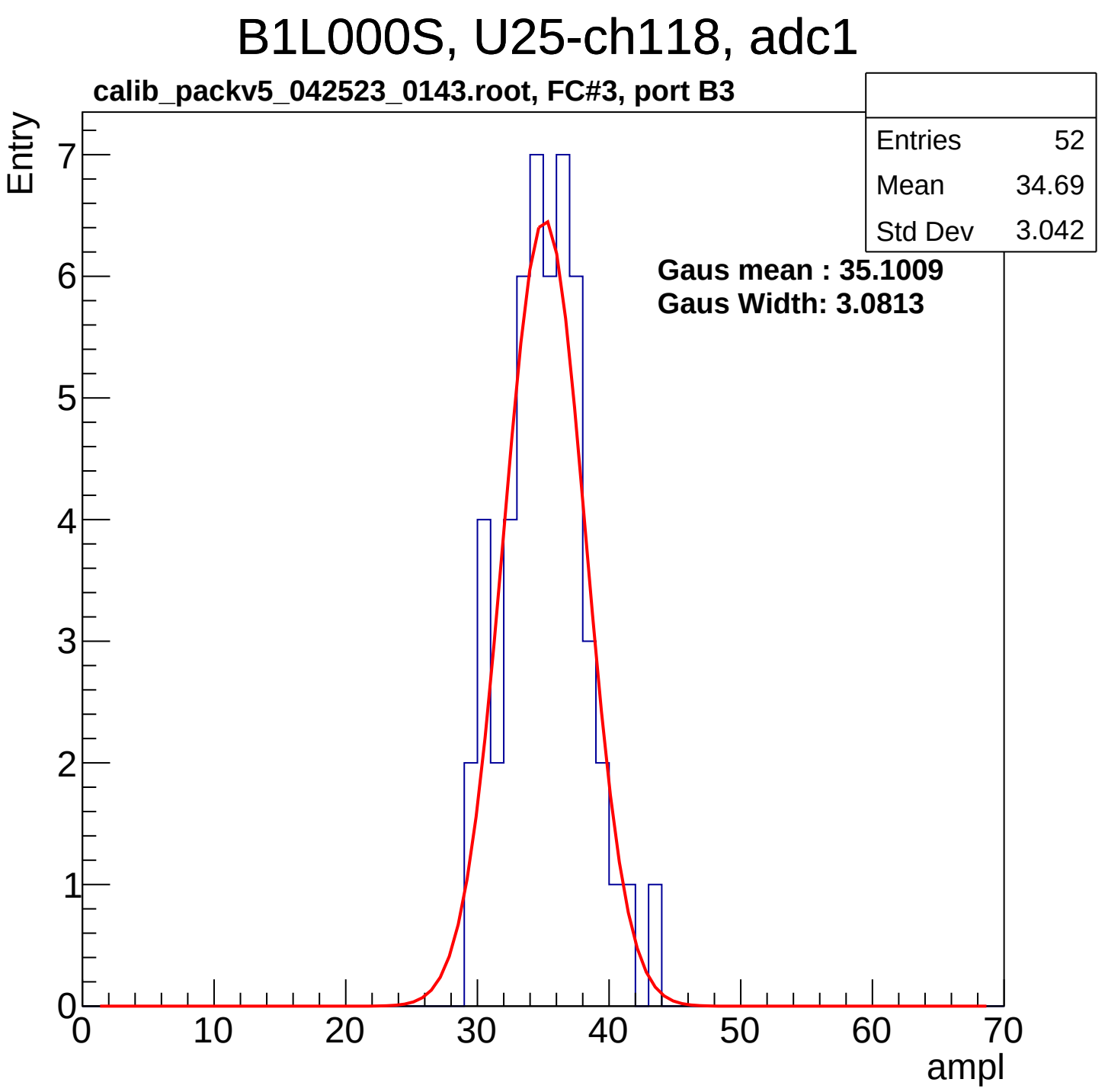
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U25-ch118, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 34.69
Std Dev 3.042
Gaus mean : 35.1009
Gaus Width: 3.0813
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
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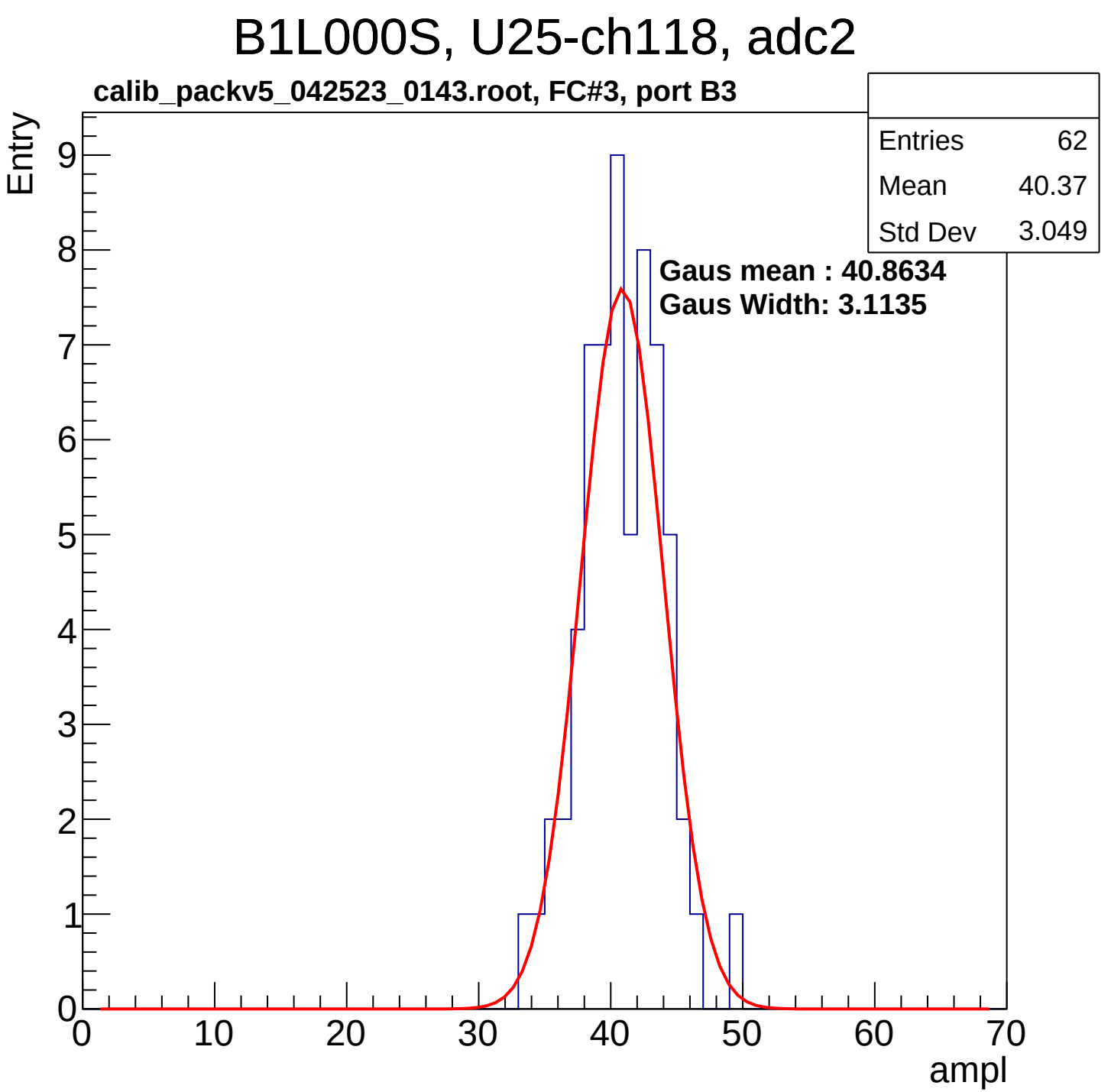
B1L000S, U25-ch118, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 40.37
Std Dev 3.049
Gaus mean : 40.8634
Gaus Width: 3.1135
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
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20
30
40
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60
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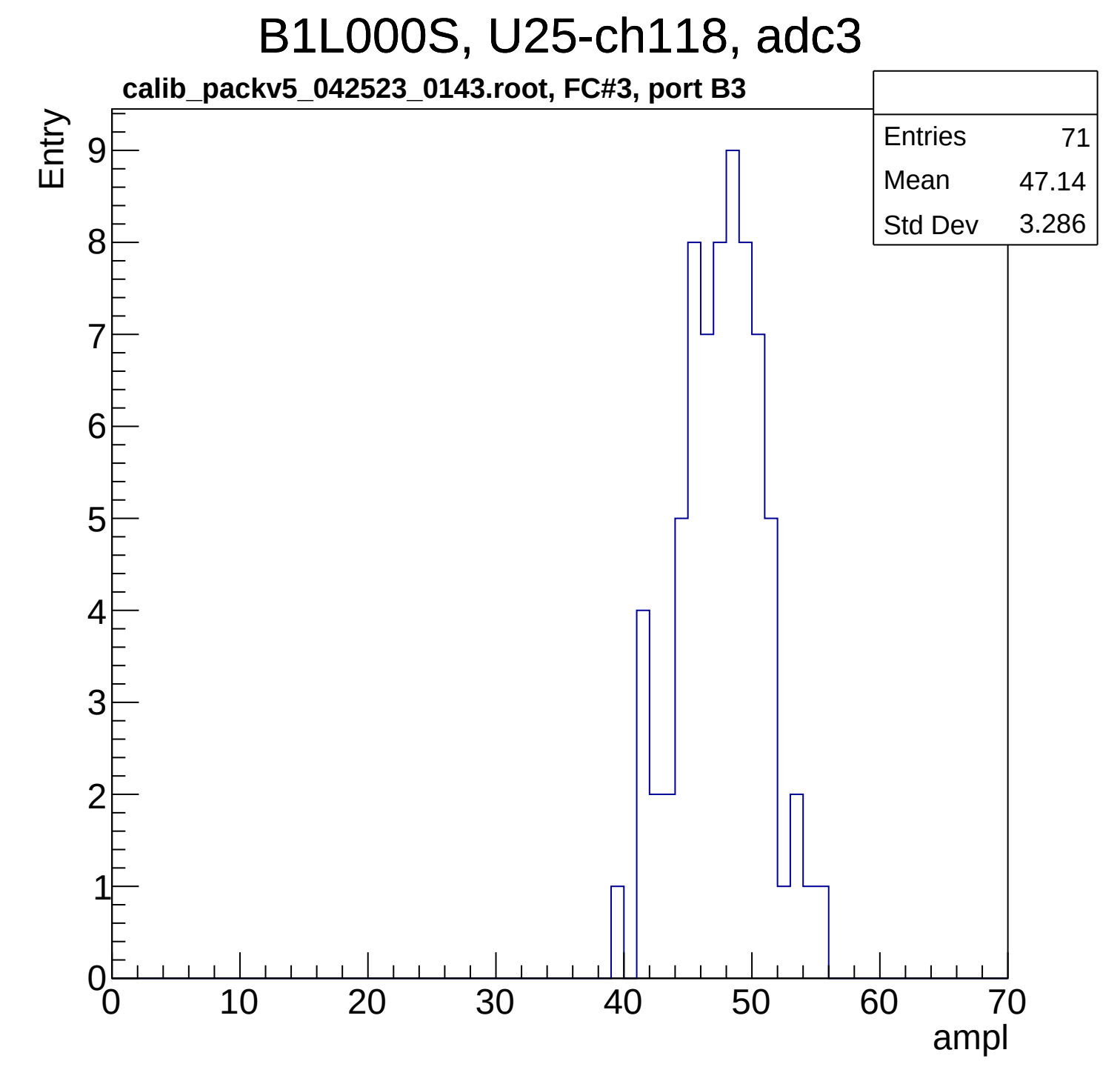
B1L000S, U25-ch118, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 71
Mean 47.14
Std Dev 3.286
Entry
ampl
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3
4
5
6
7
8
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0
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60
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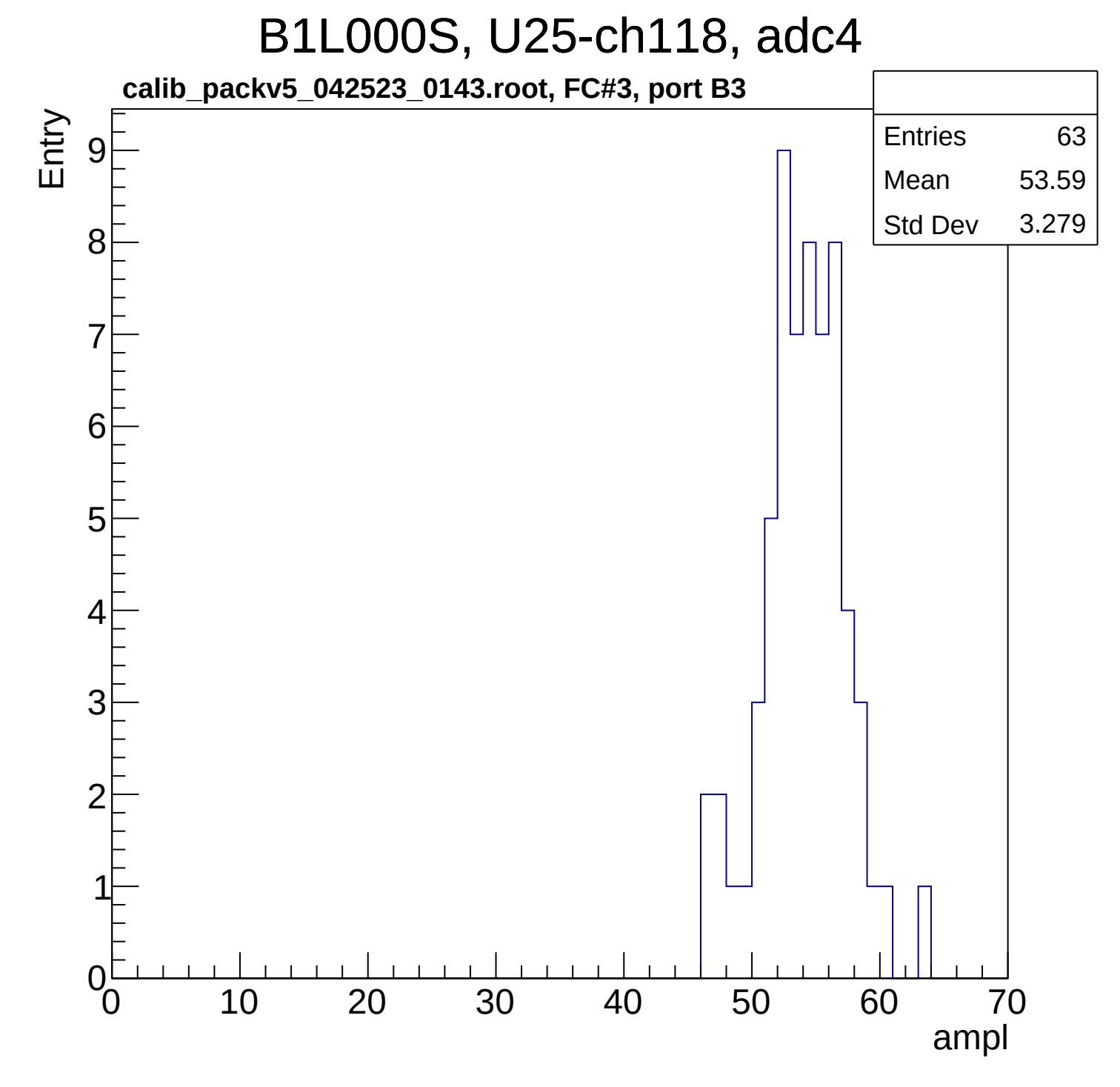
B1L000S, U25-ch118, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 53.59
Std Dev 3.279
Entry
ampl
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3
4
5
6
7
8
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0
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40
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60
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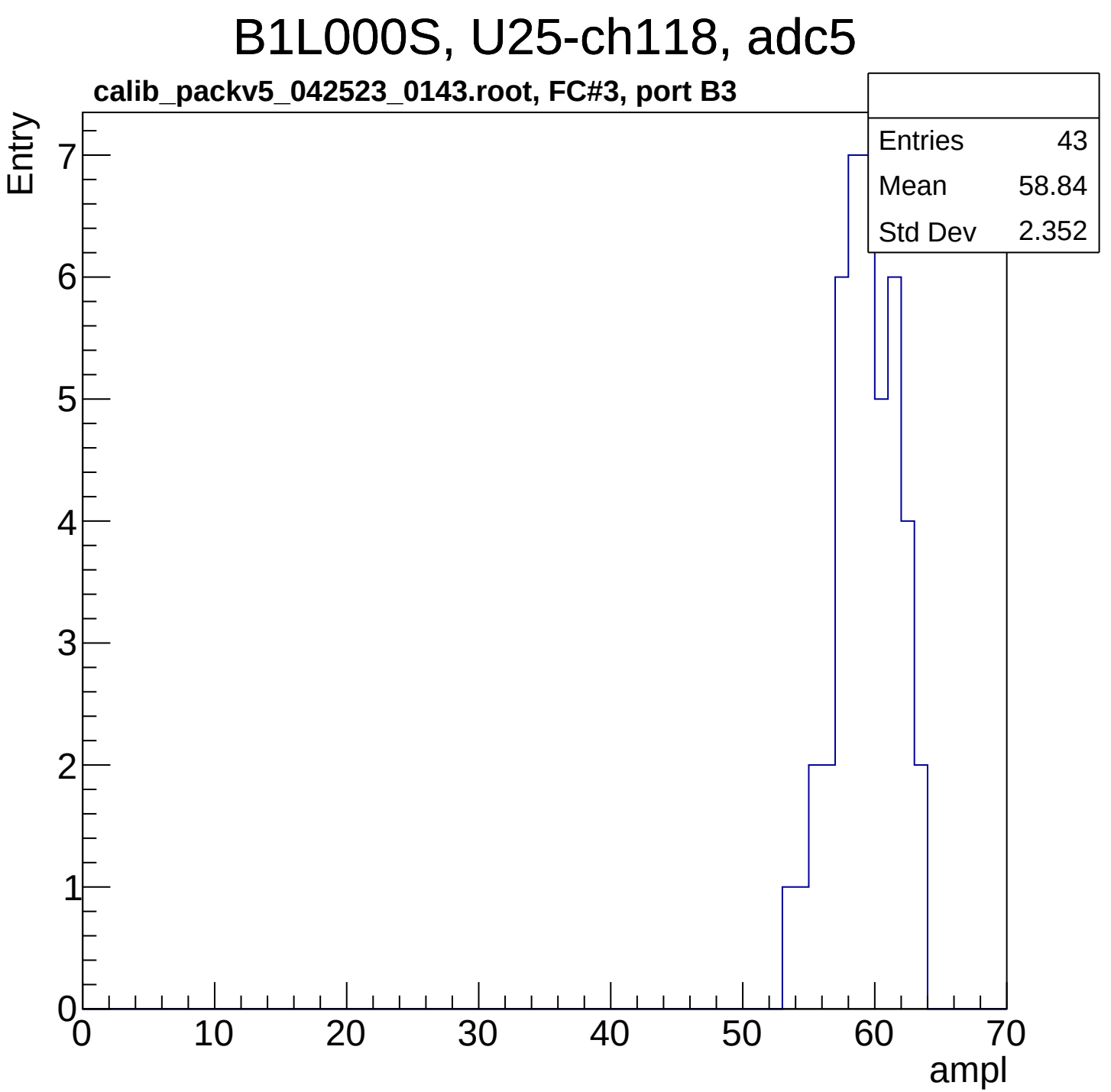
B1L000S, U25-ch118, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 58.84
Std Dev 2.352
Entry
ampl
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3
4
5
6
7
0
10
20
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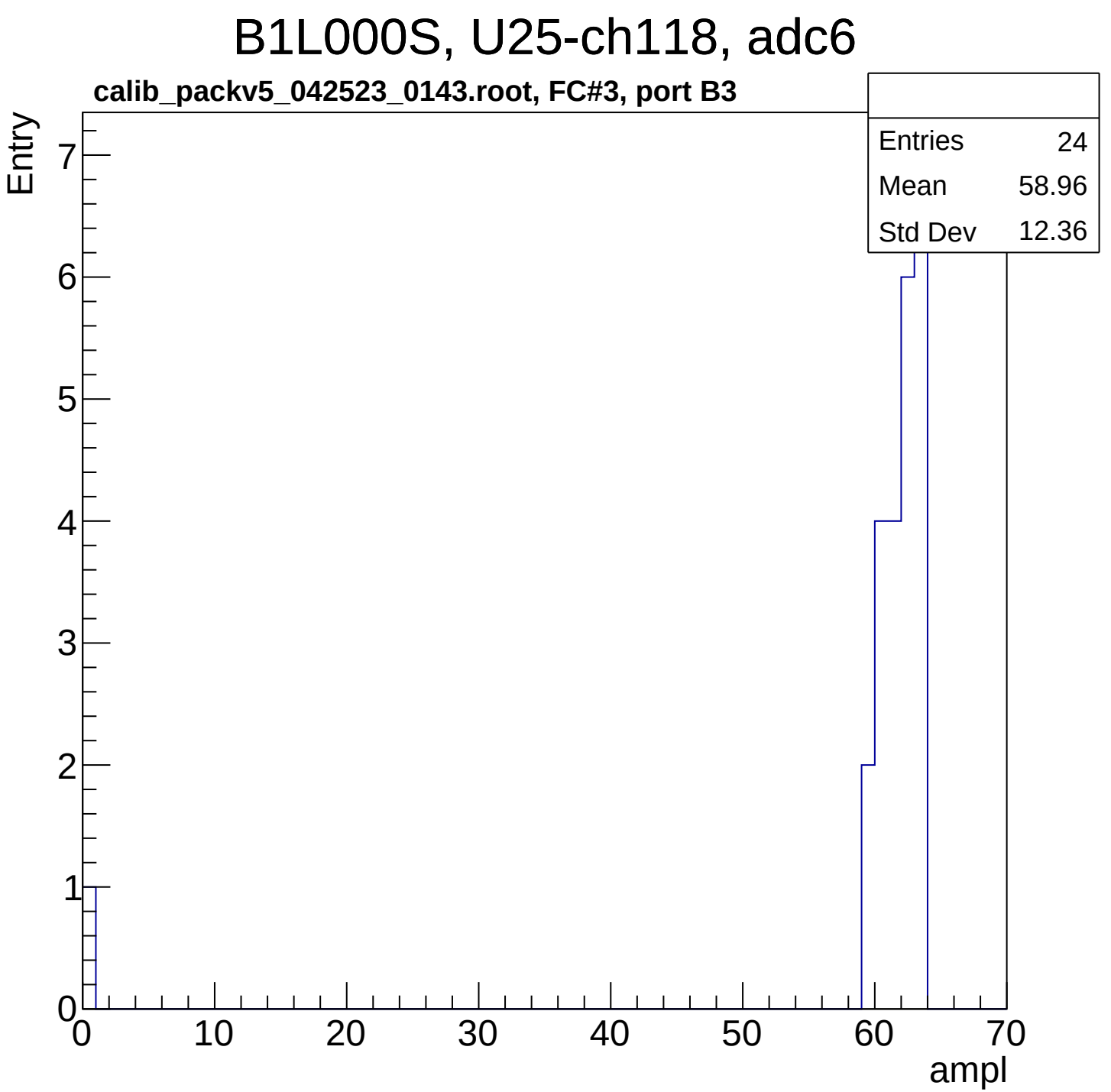
40
50
60
70


B1L000S, U25-ch118, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 24
Mean 58.96
Std Dev 12.36
Entry
ampl
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3
4
5
6
7
0
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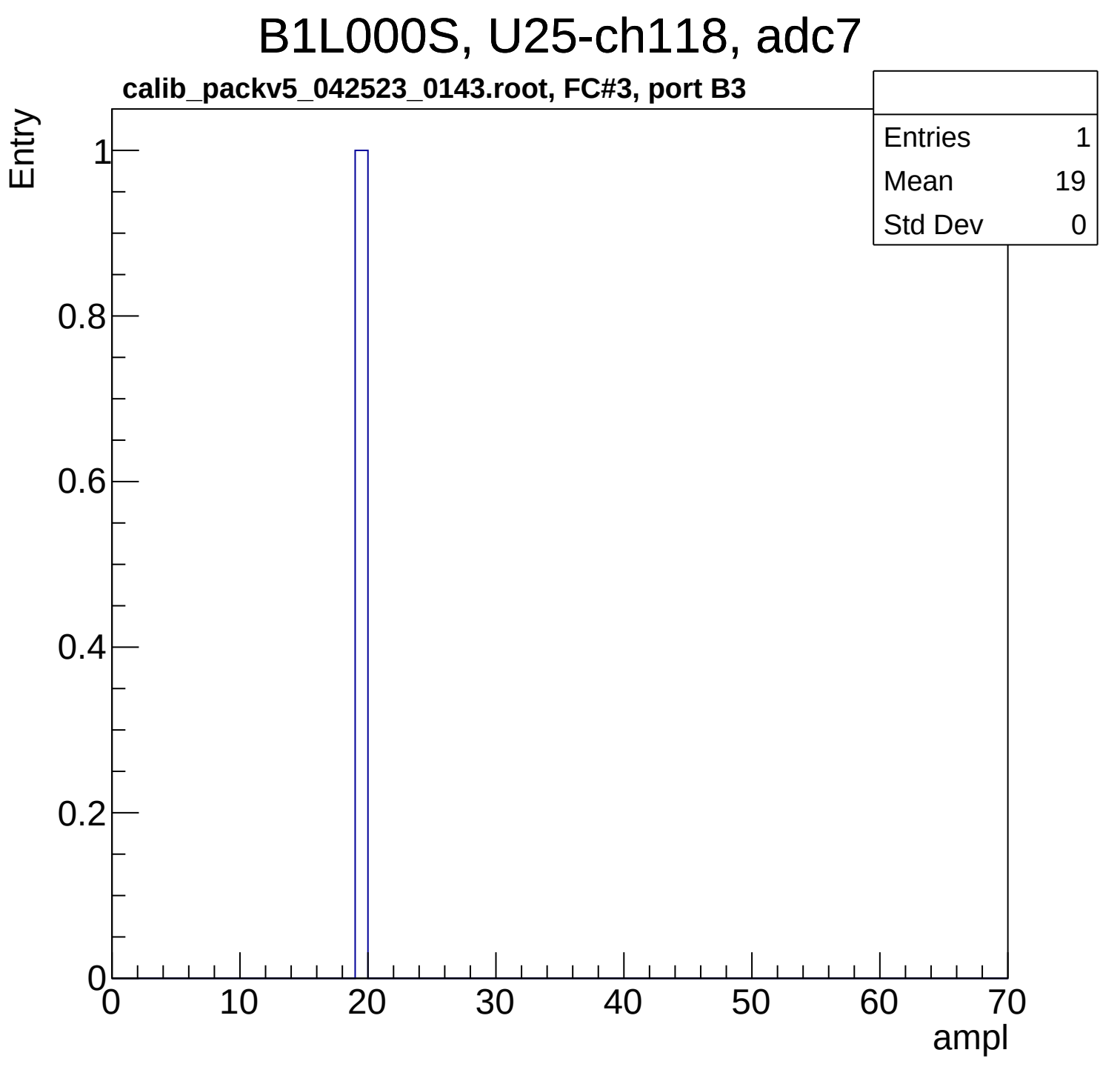
20
30
40
50
60
70


B1L000S, U25-ch118, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 19
Std Dev 0
Entry
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0.6
0.4
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0
0
10
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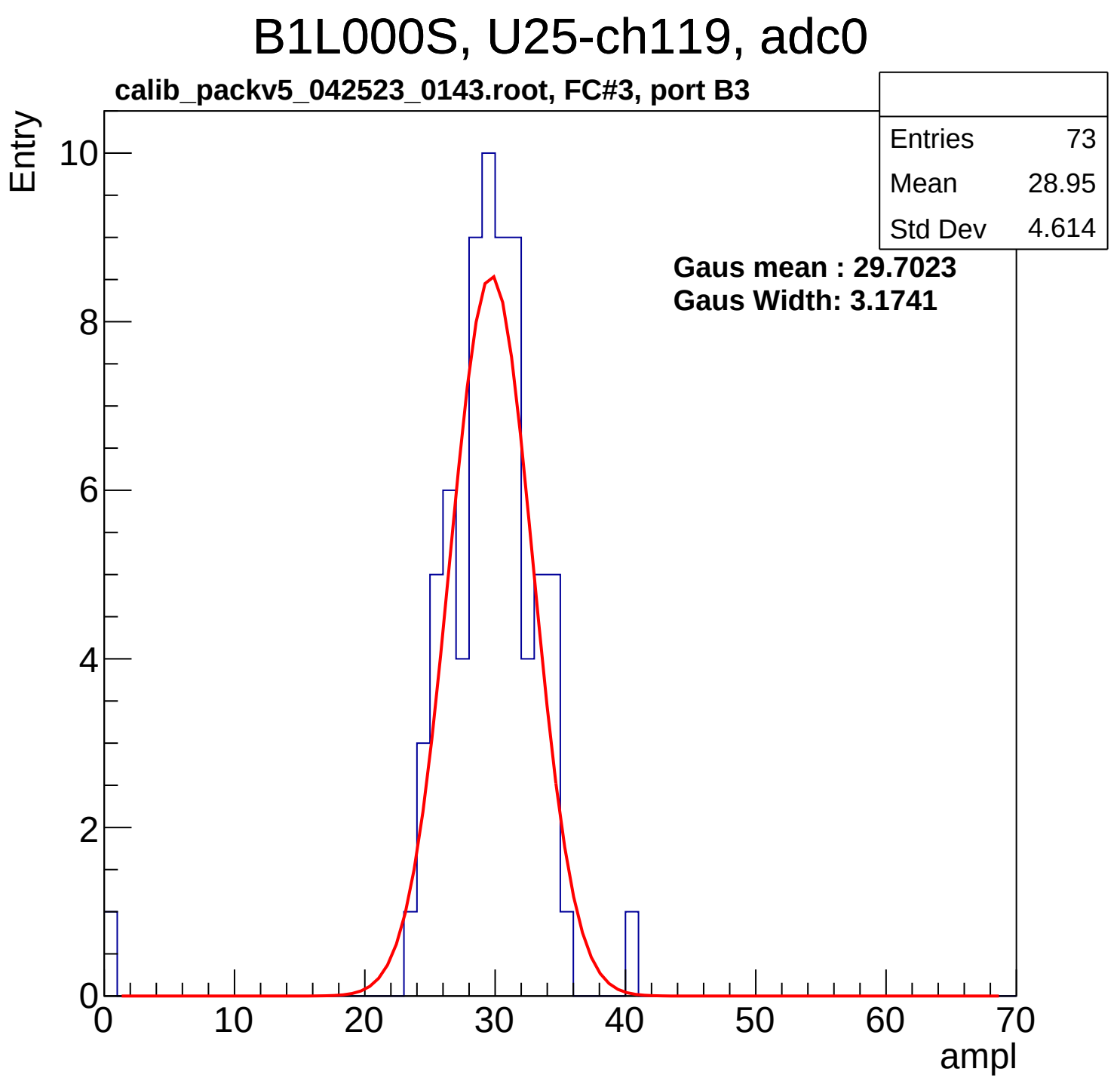
30
40
50
60
70
ampl


B1L000S, U25-ch119, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 73
Mean 28.95
Std Dev 4.614
Gaus mean : 29.7023
Gaus Width: 3.1741
Entry
ampl
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4
6
8
10
0
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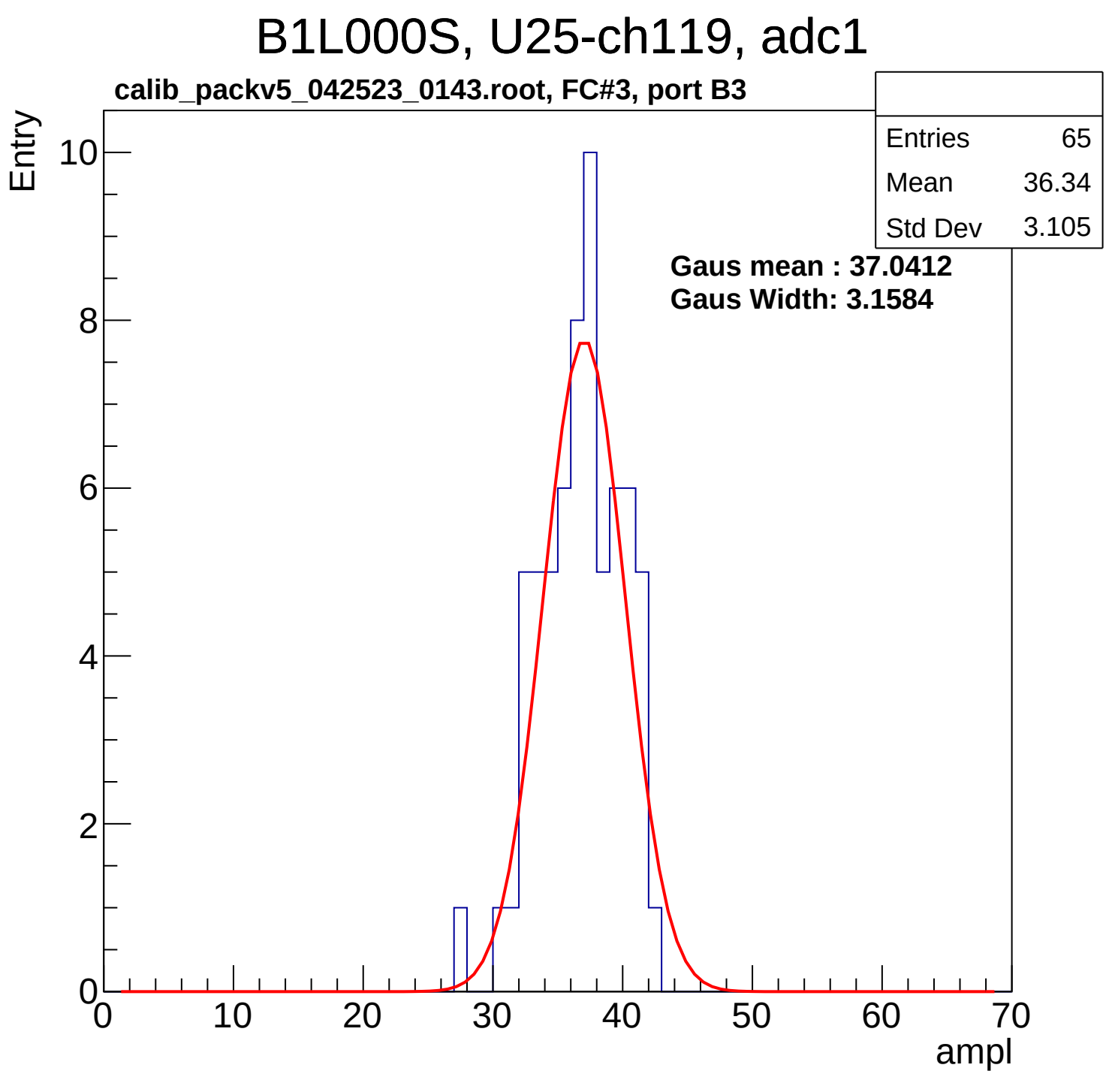
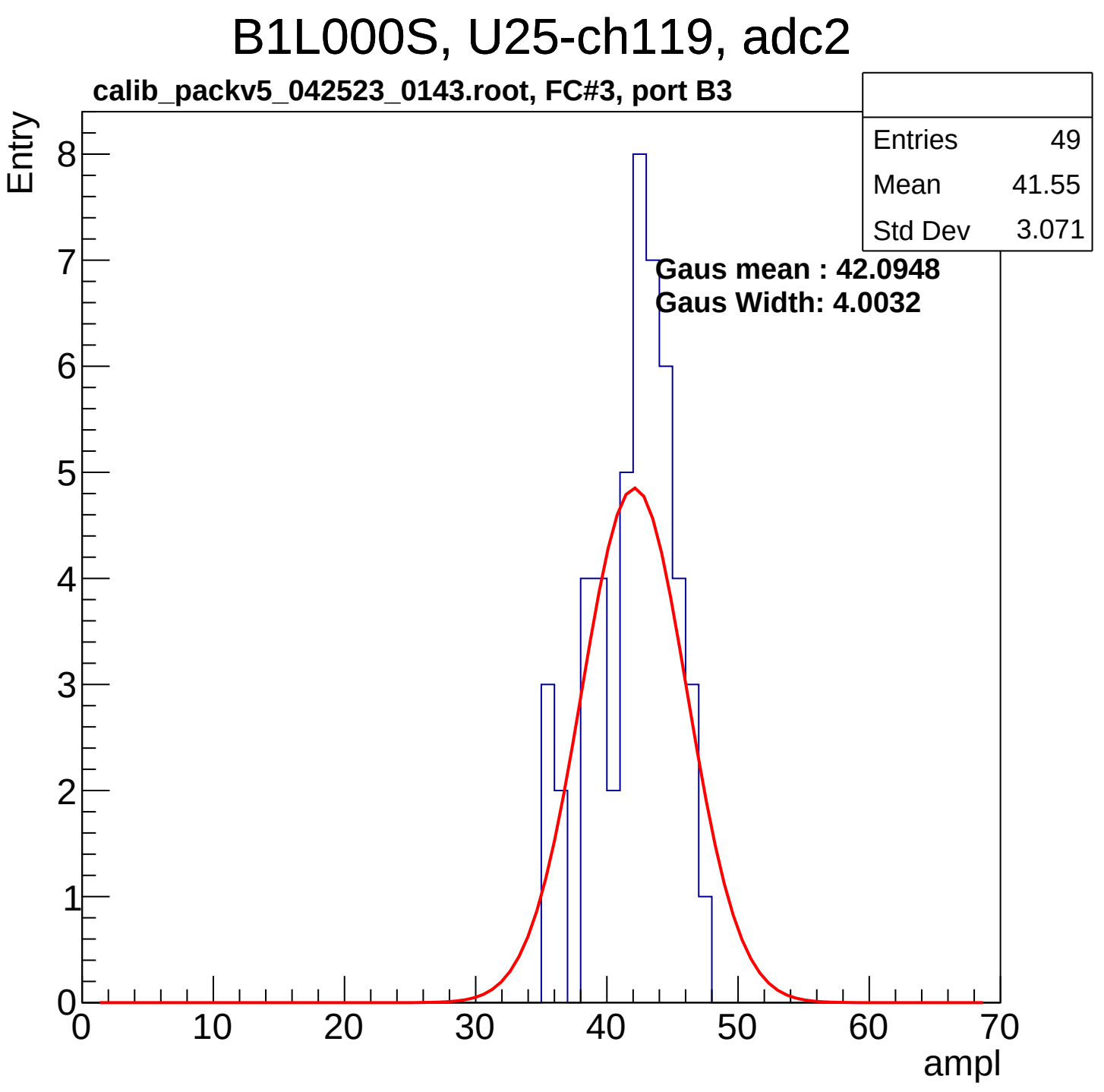
30
40
50
60
70


B1L000S, U25-ch119, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 36.34
Std Dev 3.105
Gaus mean : 37.0412
Gaus Width: 3.1584
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch119, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 49
Mean 41.55
Std Dev 3.071
Gaus mean : 42.0948
Gaus Width: 4.0032
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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60
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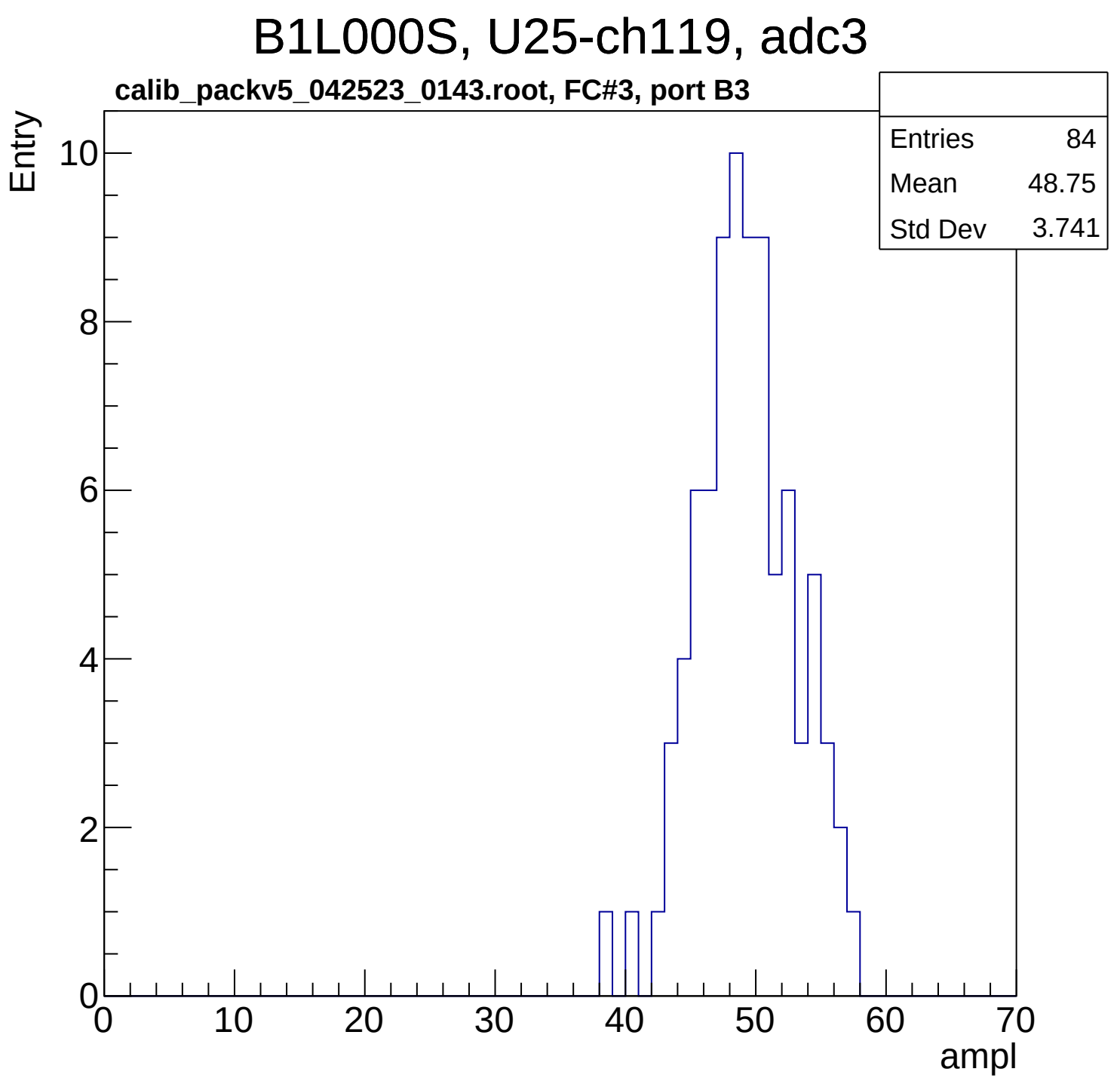
B1L000S, U25-ch119, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 84
Mean 48.75
Std Dev 3.741
Entry
ampl
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0
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40
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60
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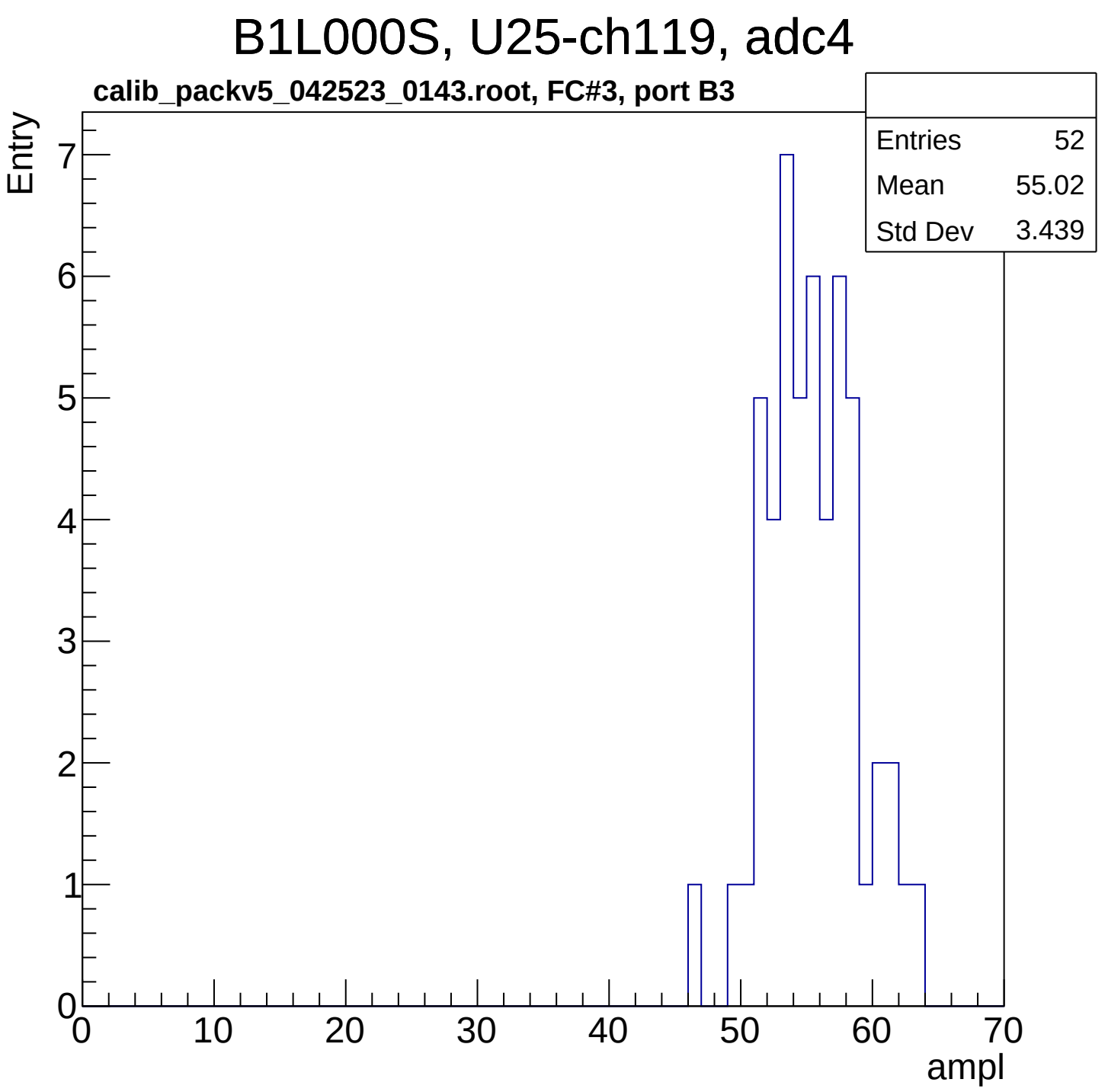
B1L000S, U25-ch119, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 52
Mean 55.02
Std Dev 3.439
Entry
ampl
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4
5
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7
0
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40
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60
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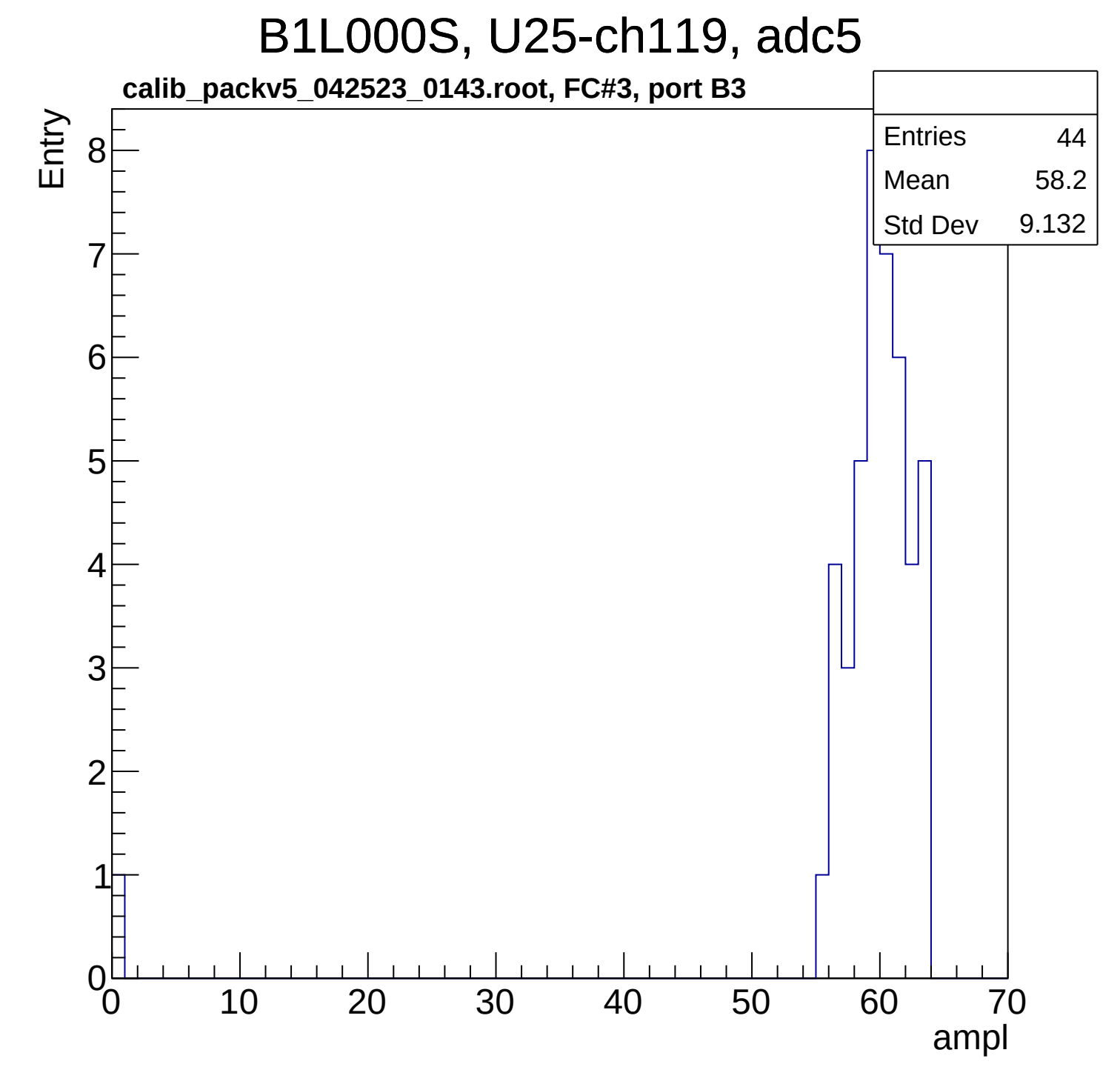
B1L000S, U25-ch119, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 58.2
Std Dev 9.132
Entry
ampl
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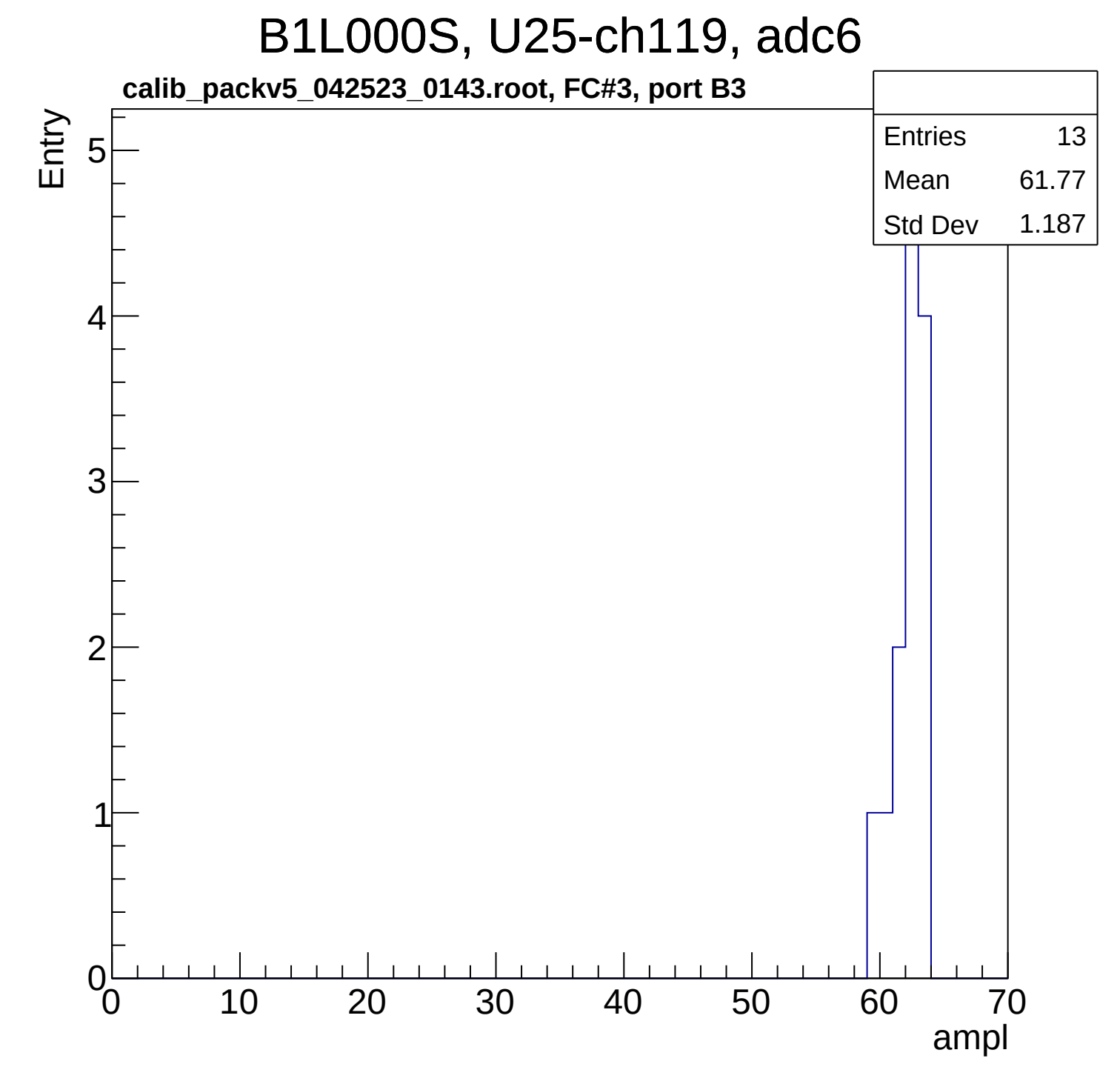
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch119, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 13
Mean 61.77
Std Dev 1.187
Entry
ampl
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1
2
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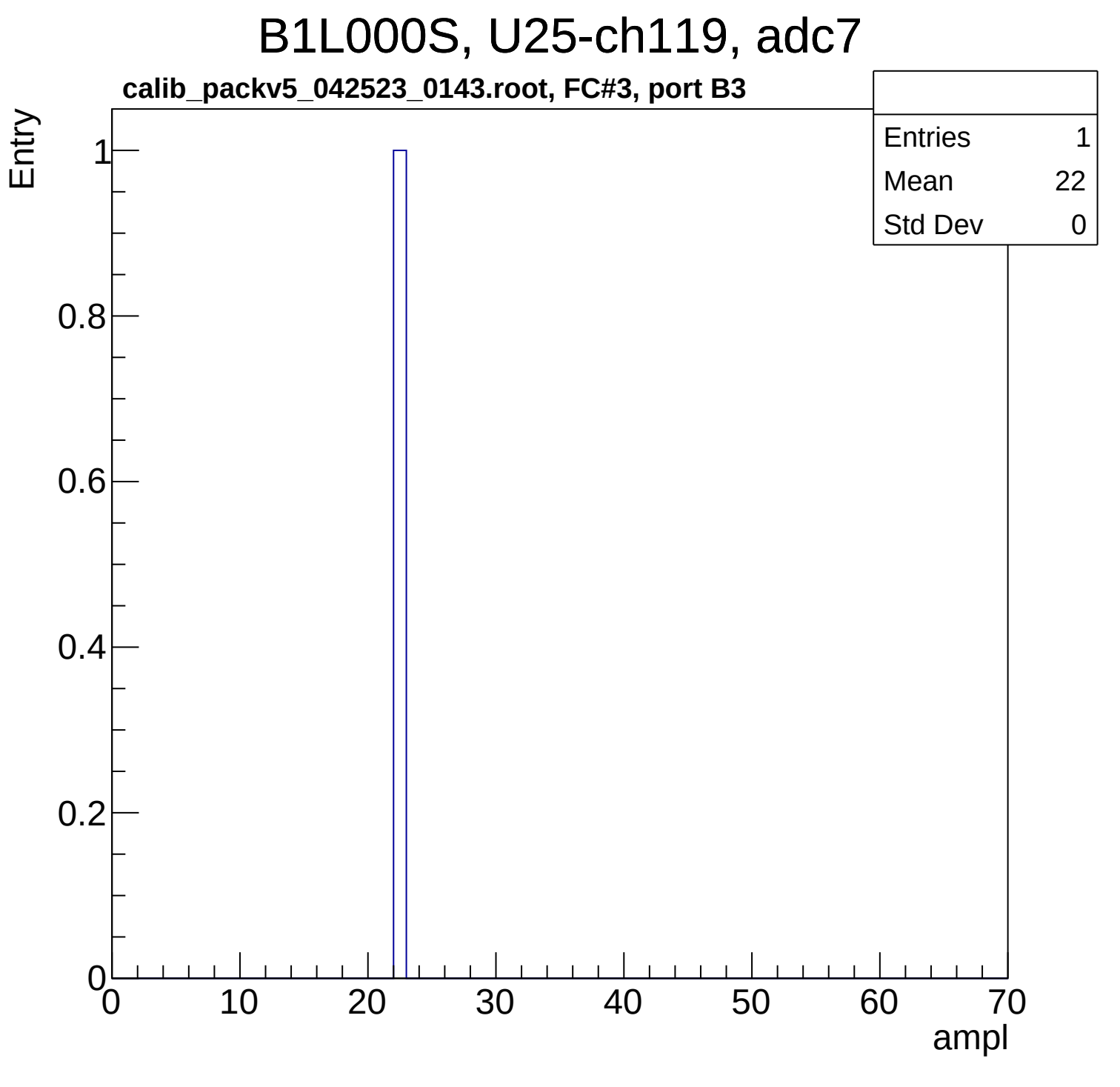
B1L000S, U25-ch119, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 22
Std Dev 0
Entry
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50
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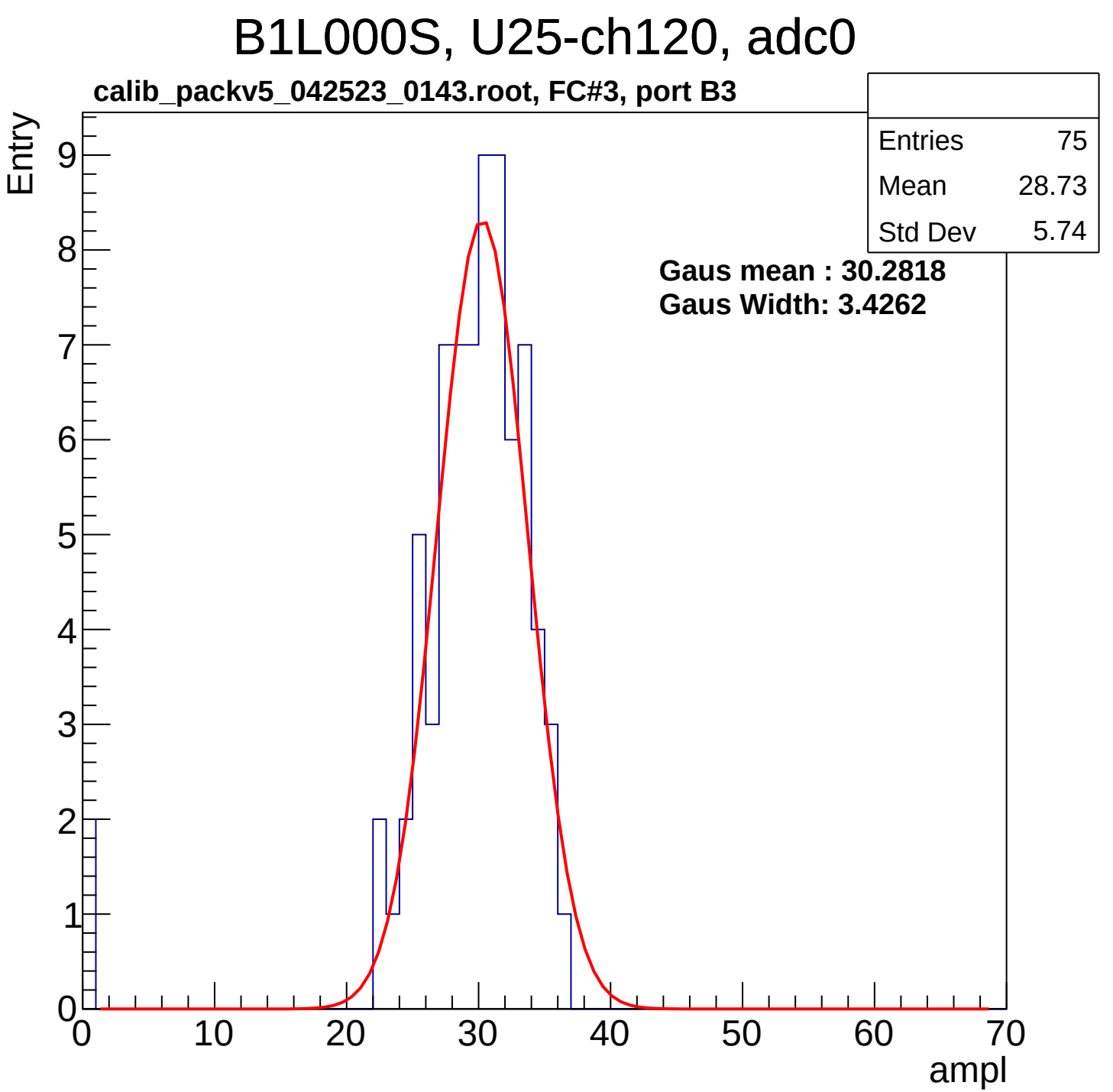
ampl


B1L000S, U25-ch120, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 28.73
Std Dev 5.74
Gaus mean : 30.2818
Gaus Width: 3.4262
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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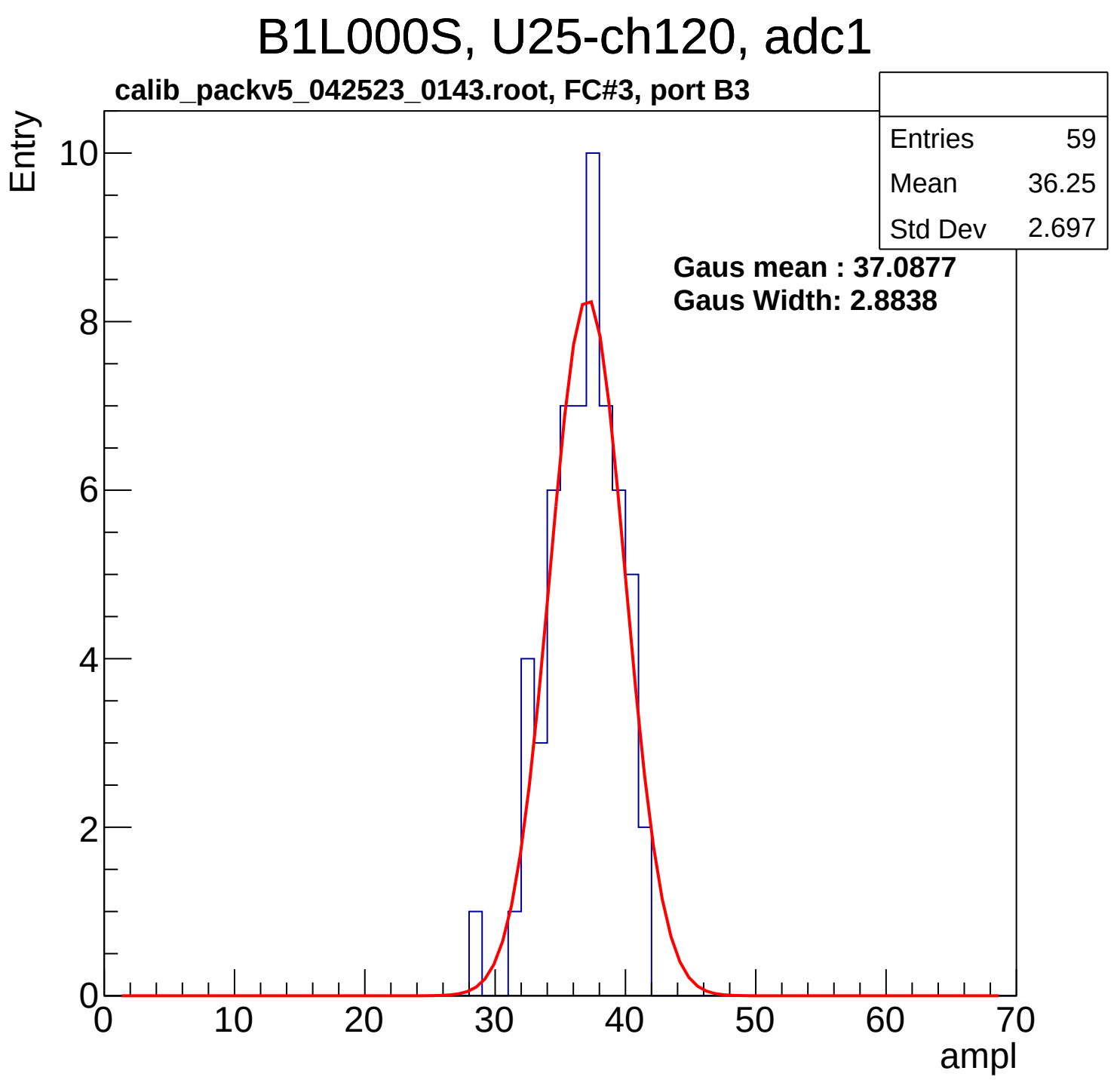
B1L000S, U25-ch120, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 36.25
Std Dev 2.697
Gaus mean : 37.0877
Gaus Width: 2.8838
Entry
ampl
0
2
4
6
8
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0
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40
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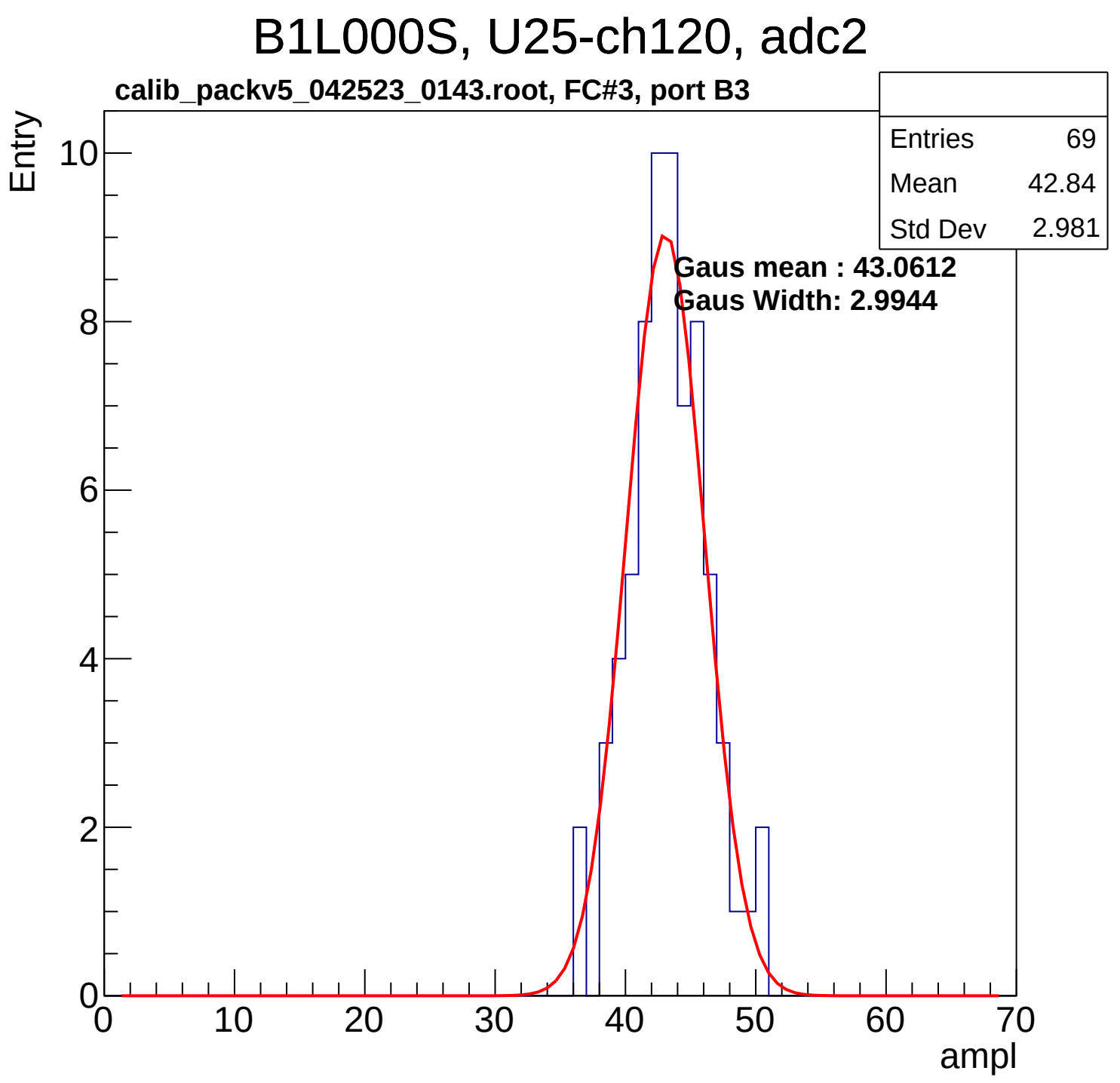
B1L000S, U25-ch120, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 42.84
Std Dev 2.981
Gaus mean : 43.0612
Gaus Width: 2.9944
Entry
ampl
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2
4
6
8
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0
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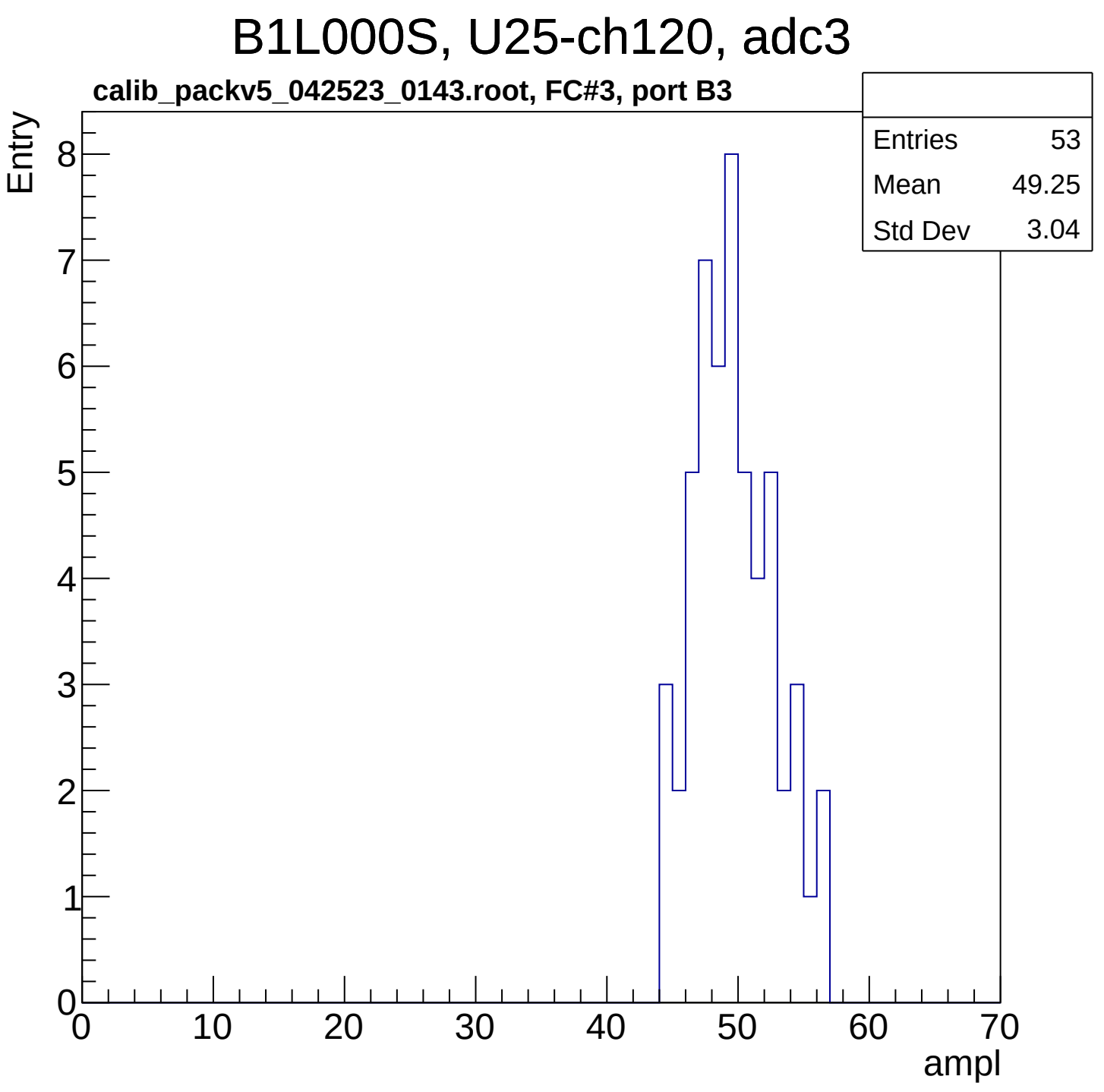
B1L000S, U25-ch120, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 49.25
Std Dev 3.04
Entry
ampl
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1
2
3
4
5
6
7
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0
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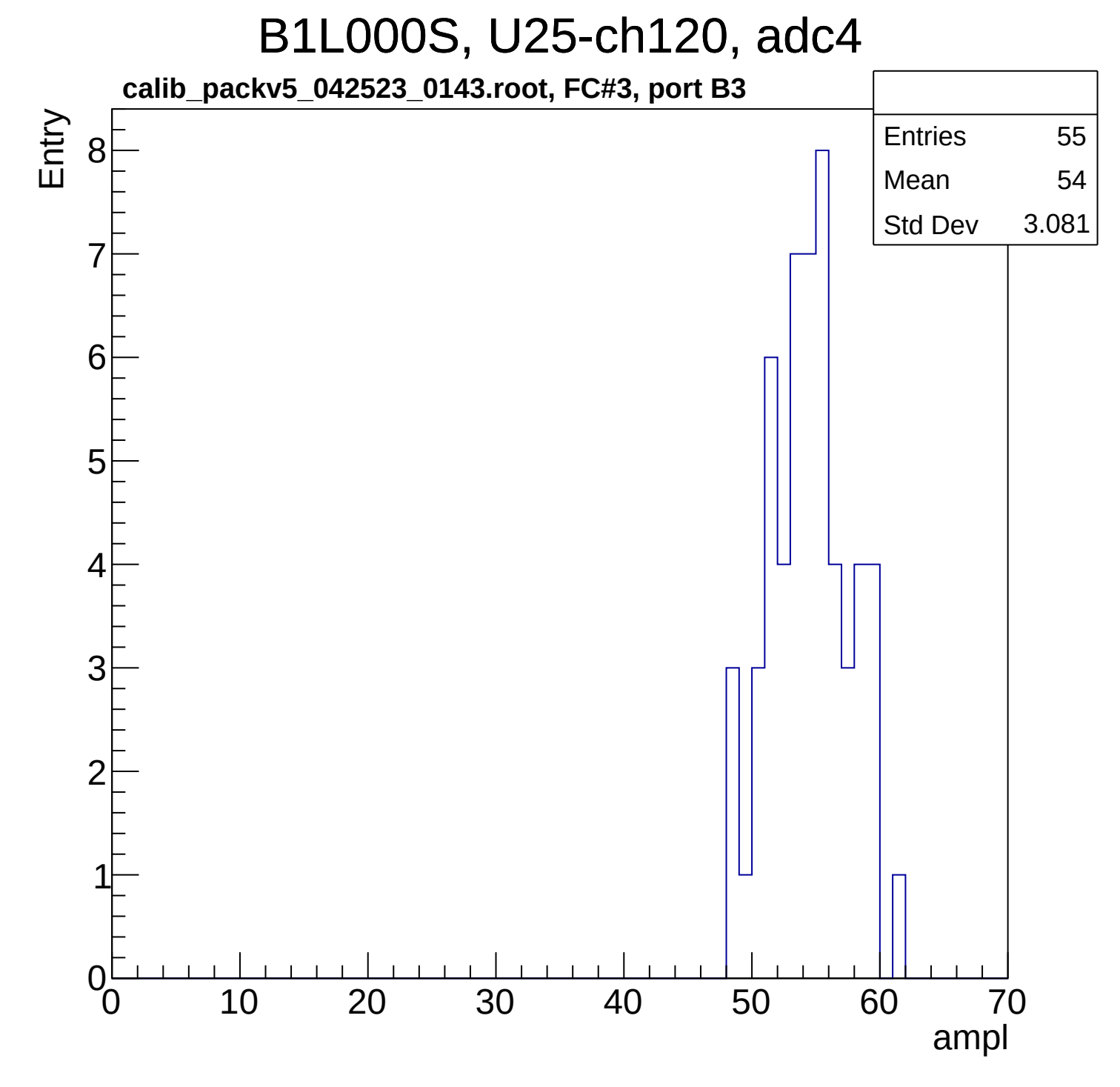
B1L000S, U25-ch120, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 54
Std Dev 3.081
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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20
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40
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60
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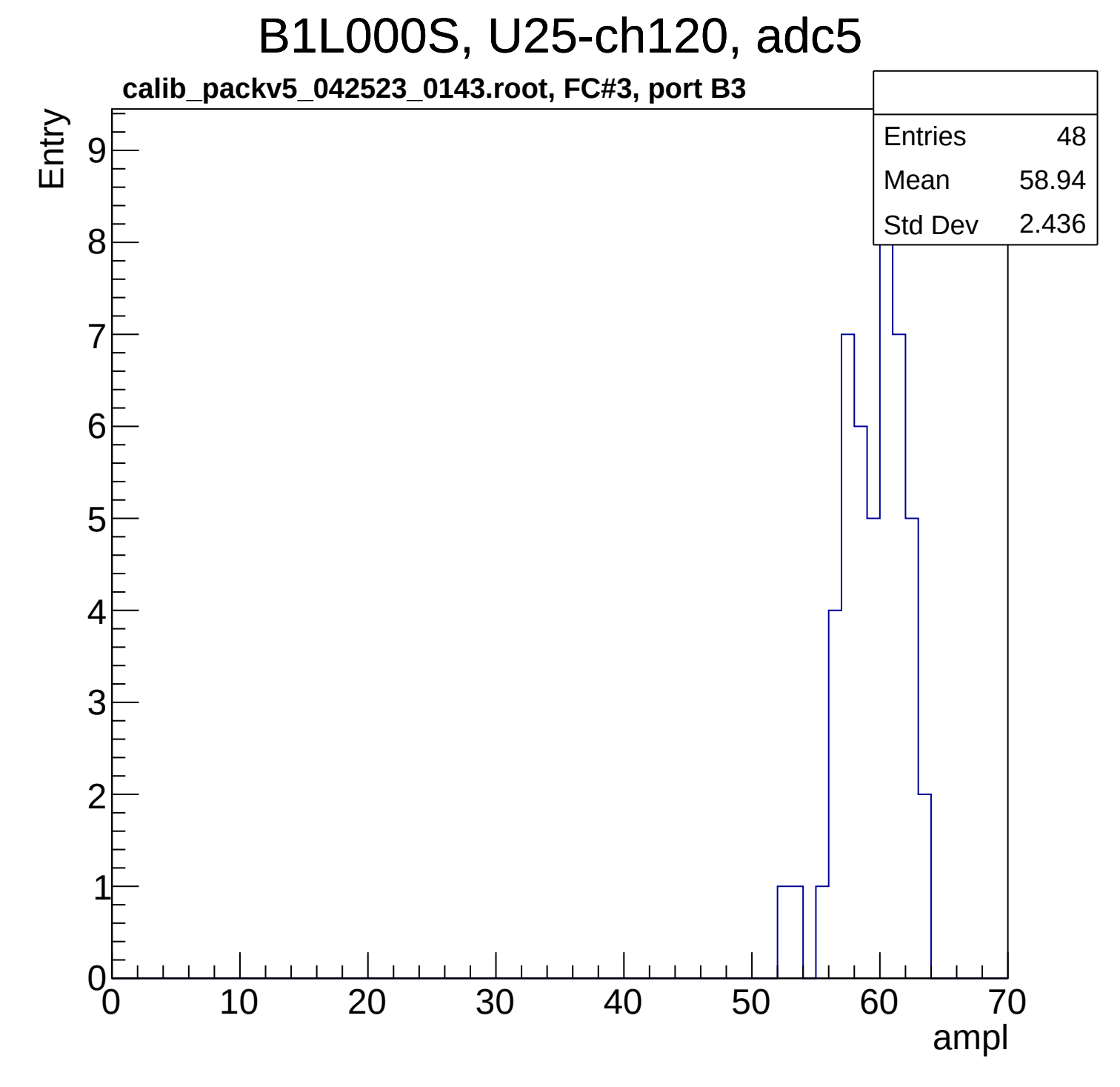
B1L000S, U25-ch120, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 48
Mean 58.94
Std Dev 2.436
Entry
ampl
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2
3
4
5
6
7
8
9
0
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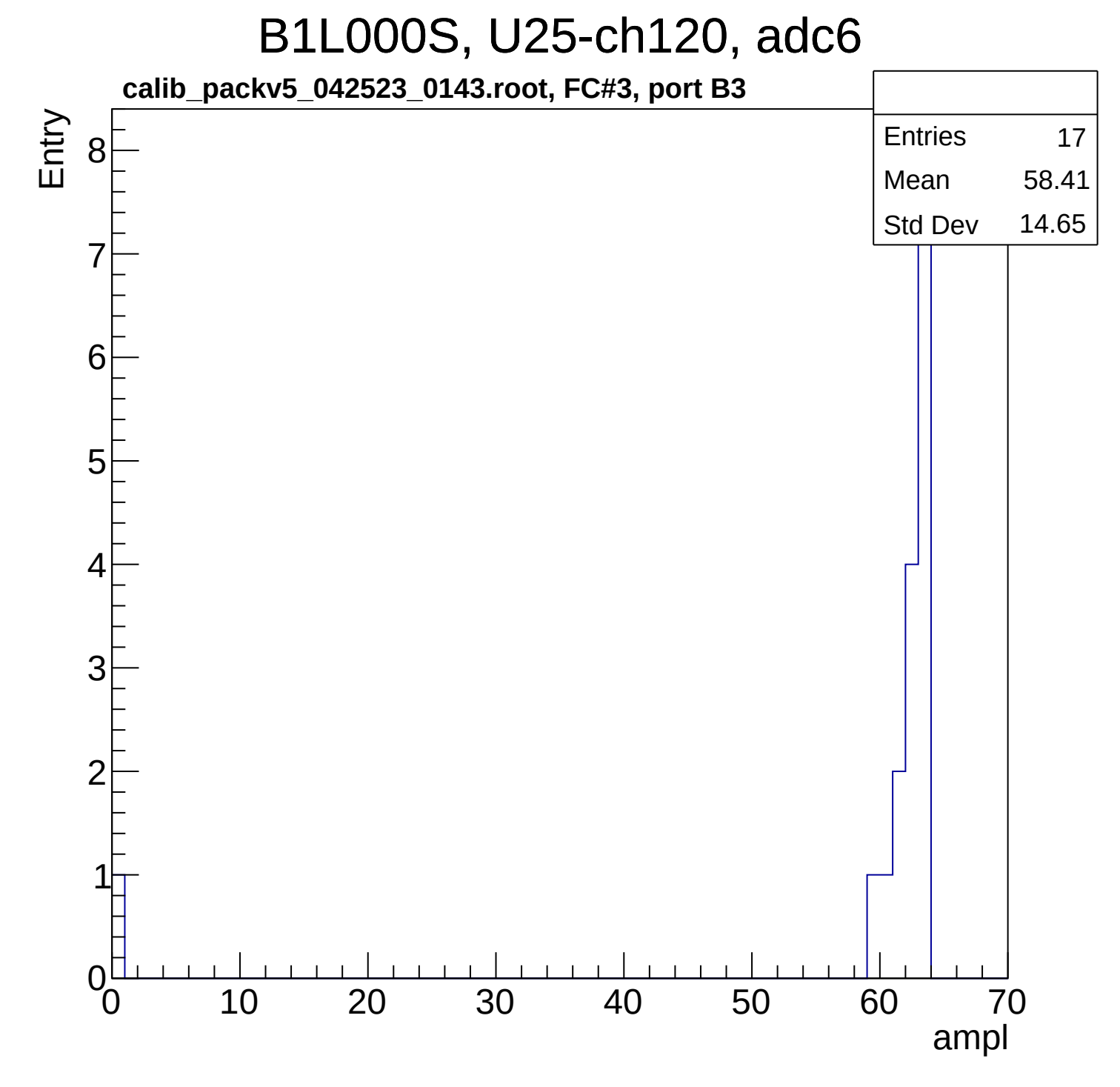
B1L000S, U25-ch120, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 17
Mean 58.41
Std Dev 14.65
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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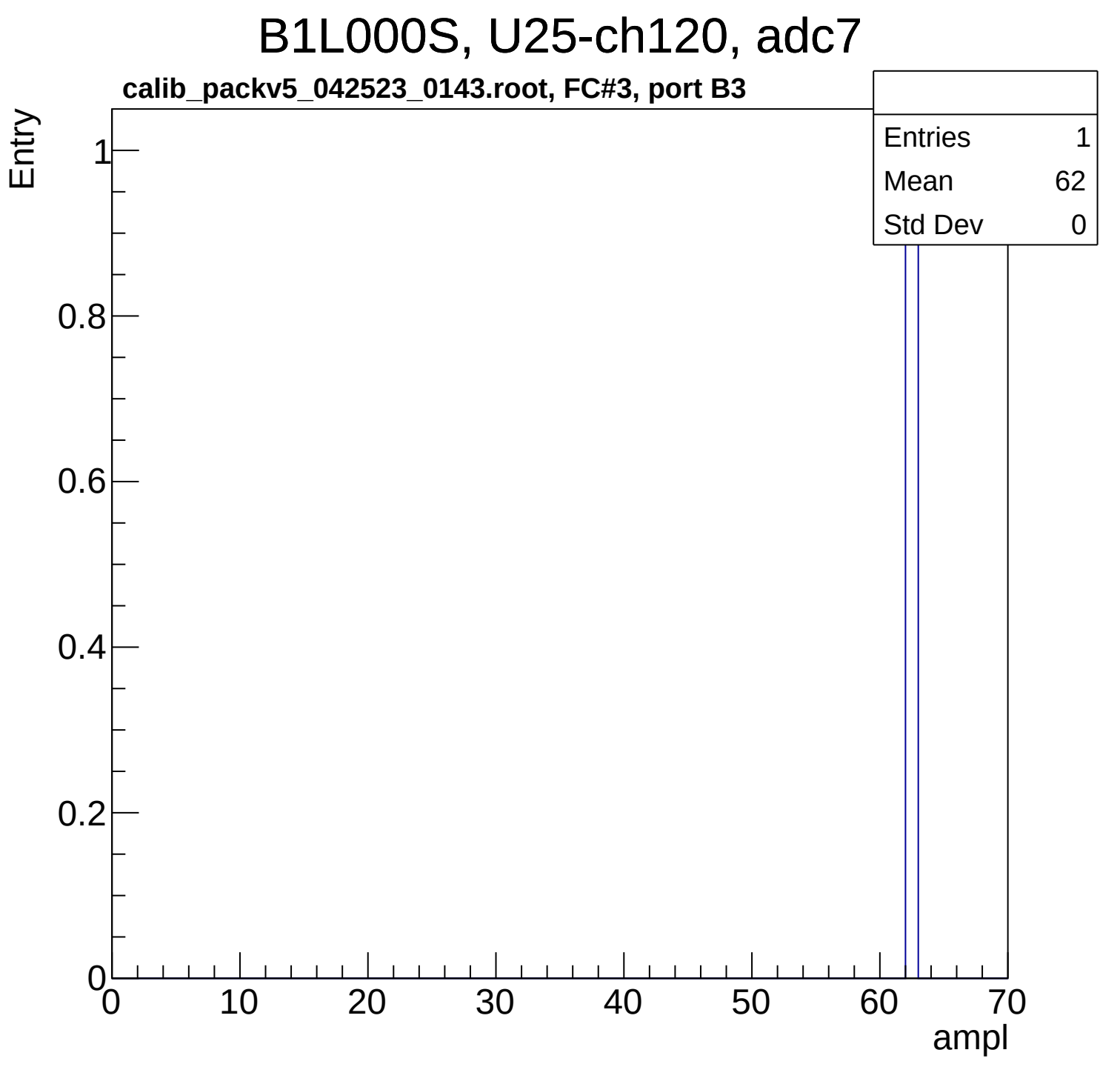
B1L000S, U25-ch120, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 62
Std Dev 0
Entry
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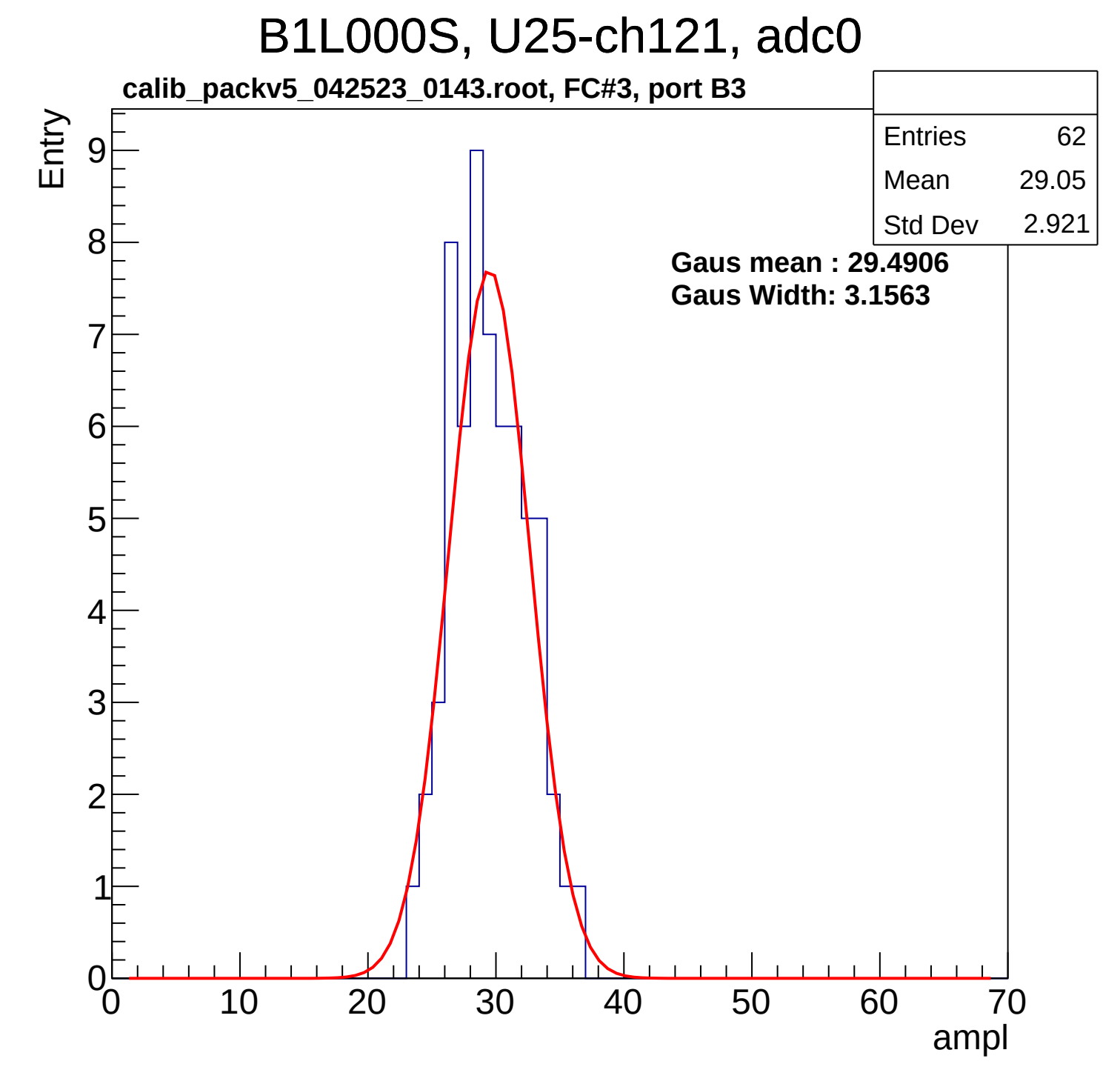
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch121, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 29.05
Std Dev 2.921
Gaus mean : 29.4906
Gaus Width: 3.1563
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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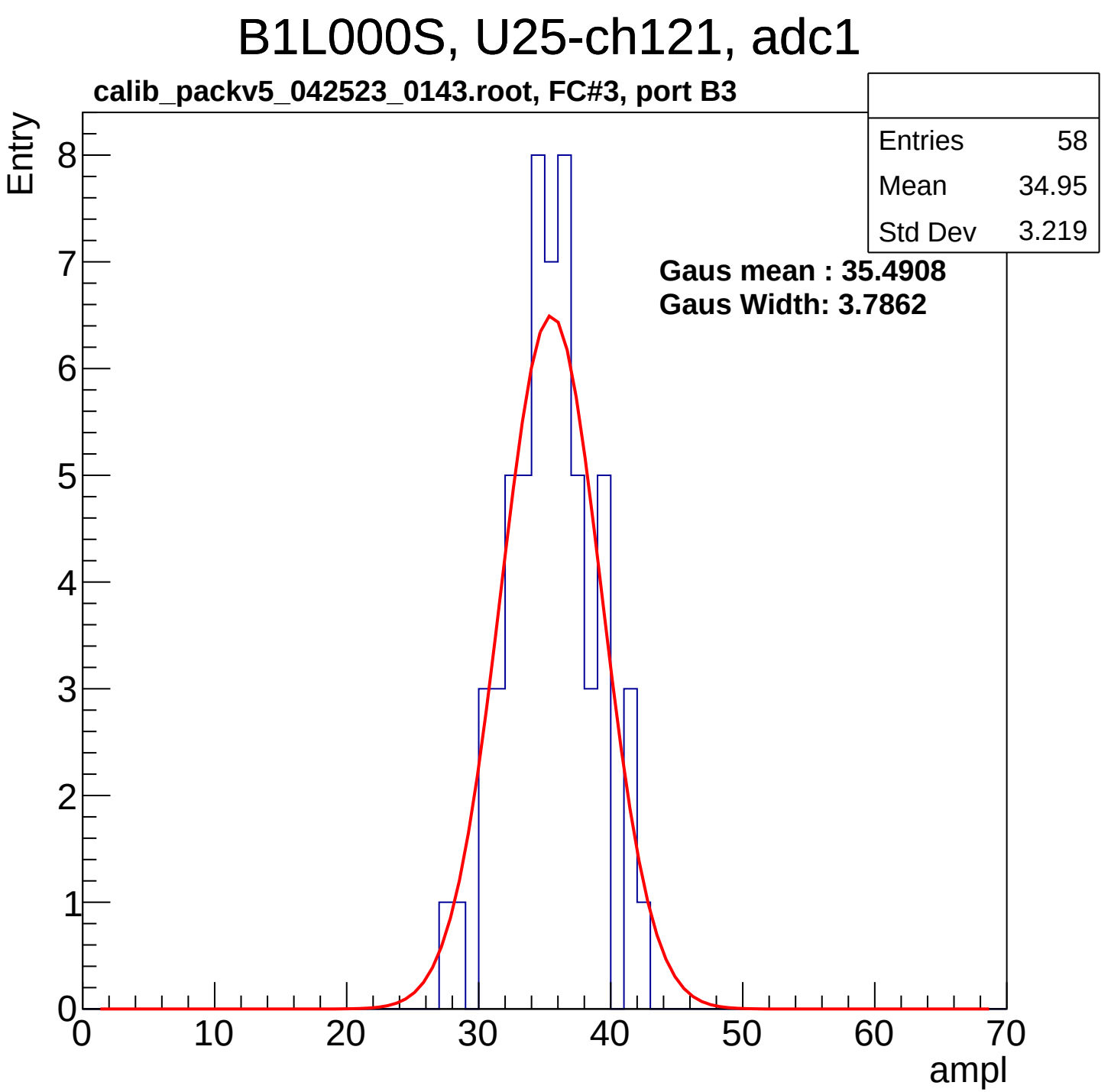
B1L000S, U25-ch121, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 34.95
Std Dev 3.219
Gaus mean : 35.4908
Gaus Width: 3.7862
Entry
ampl
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2
3
4
5
6
7
8
0
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40
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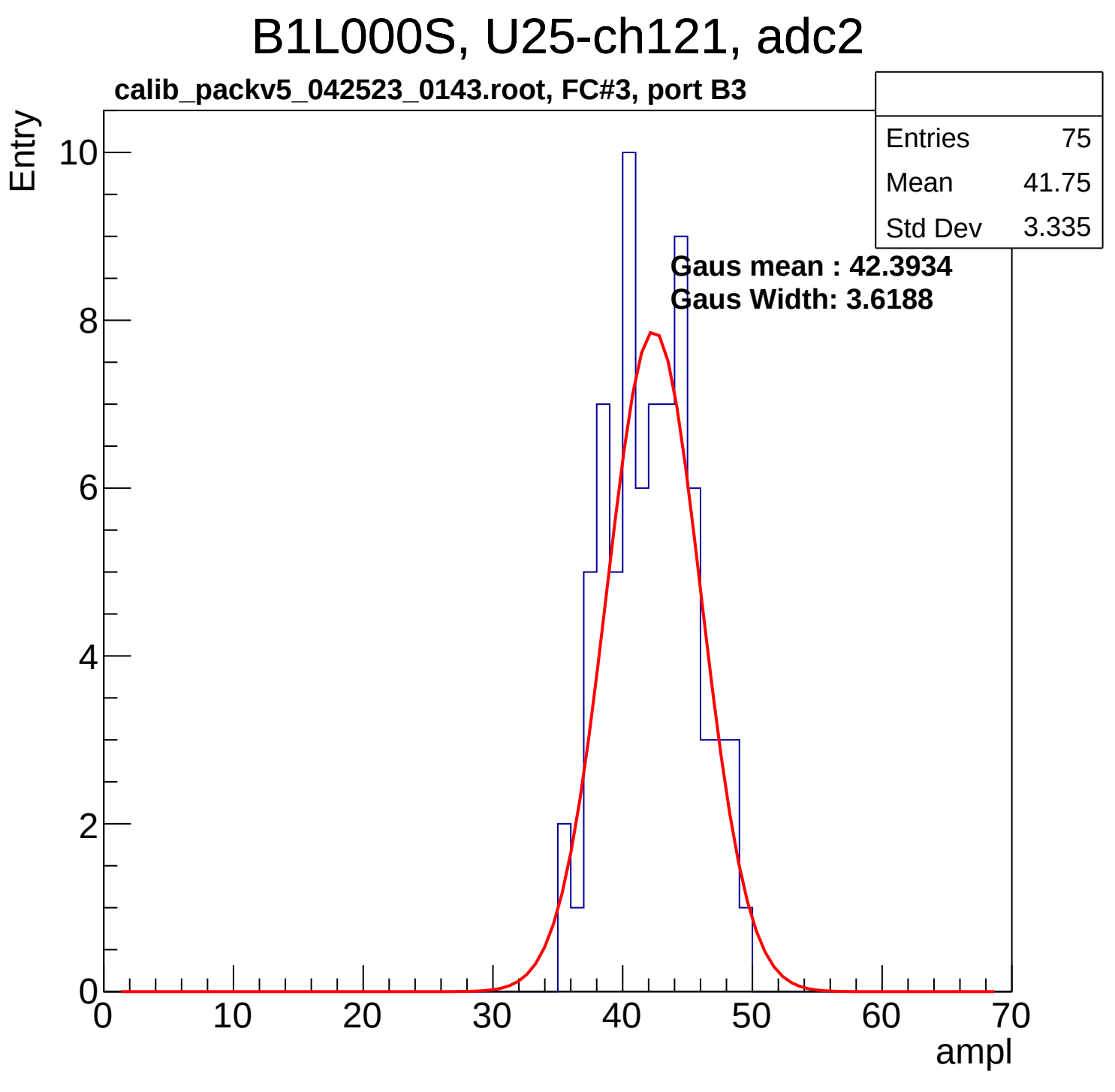
B1L000S, U25-ch121, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 41.75
Std Dev 3.335
Gaus mean : 42.3934
Gaus Width: 3.6188
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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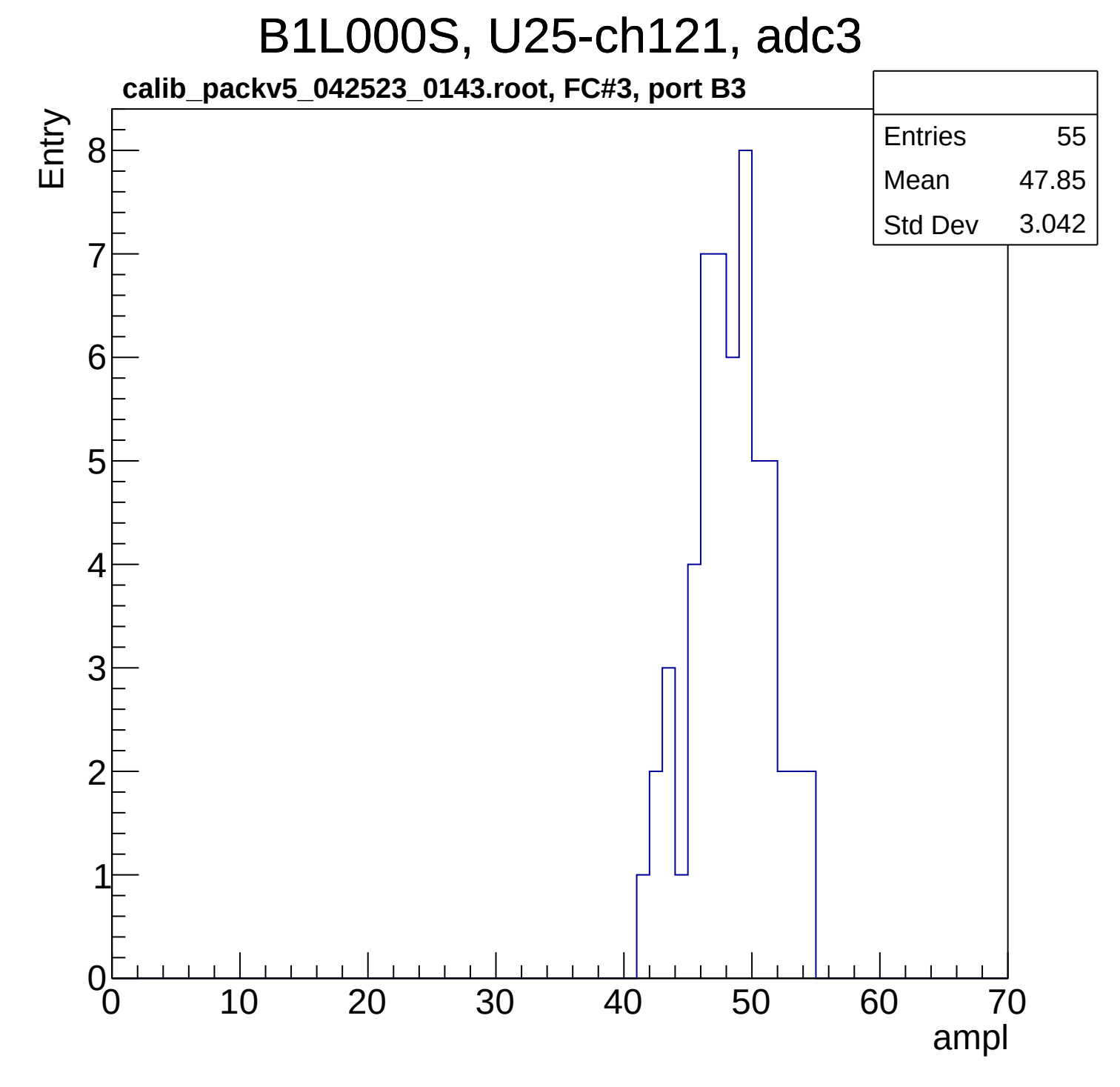
B1L000S, U25-ch121, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 55
Mean 47.85
Std Dev 3.042
Entry
ampl
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2
3
4
5
6
7
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0
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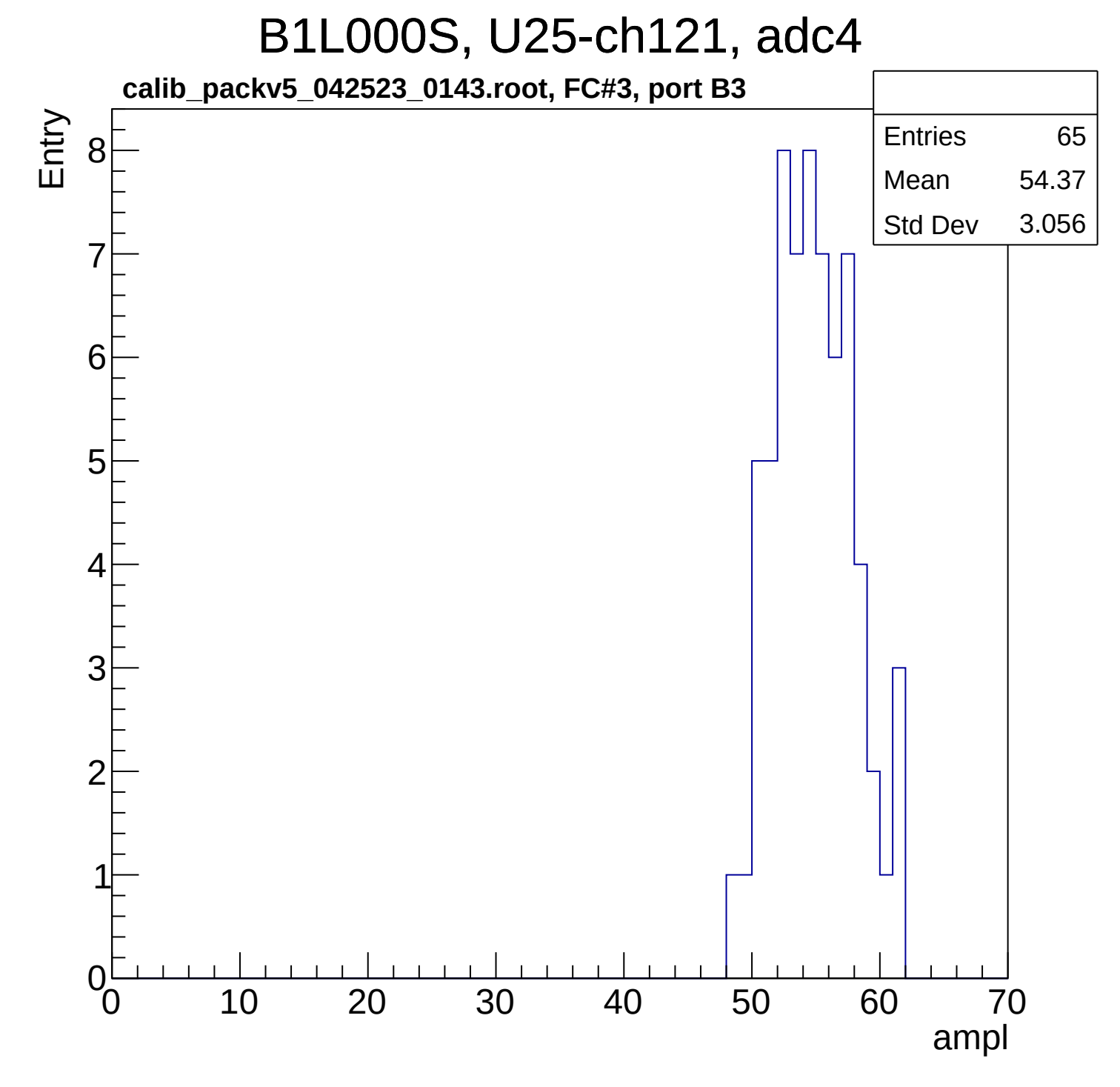
B1L000S, U25-ch121, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 54.37
Std Dev 3.056
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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40
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60
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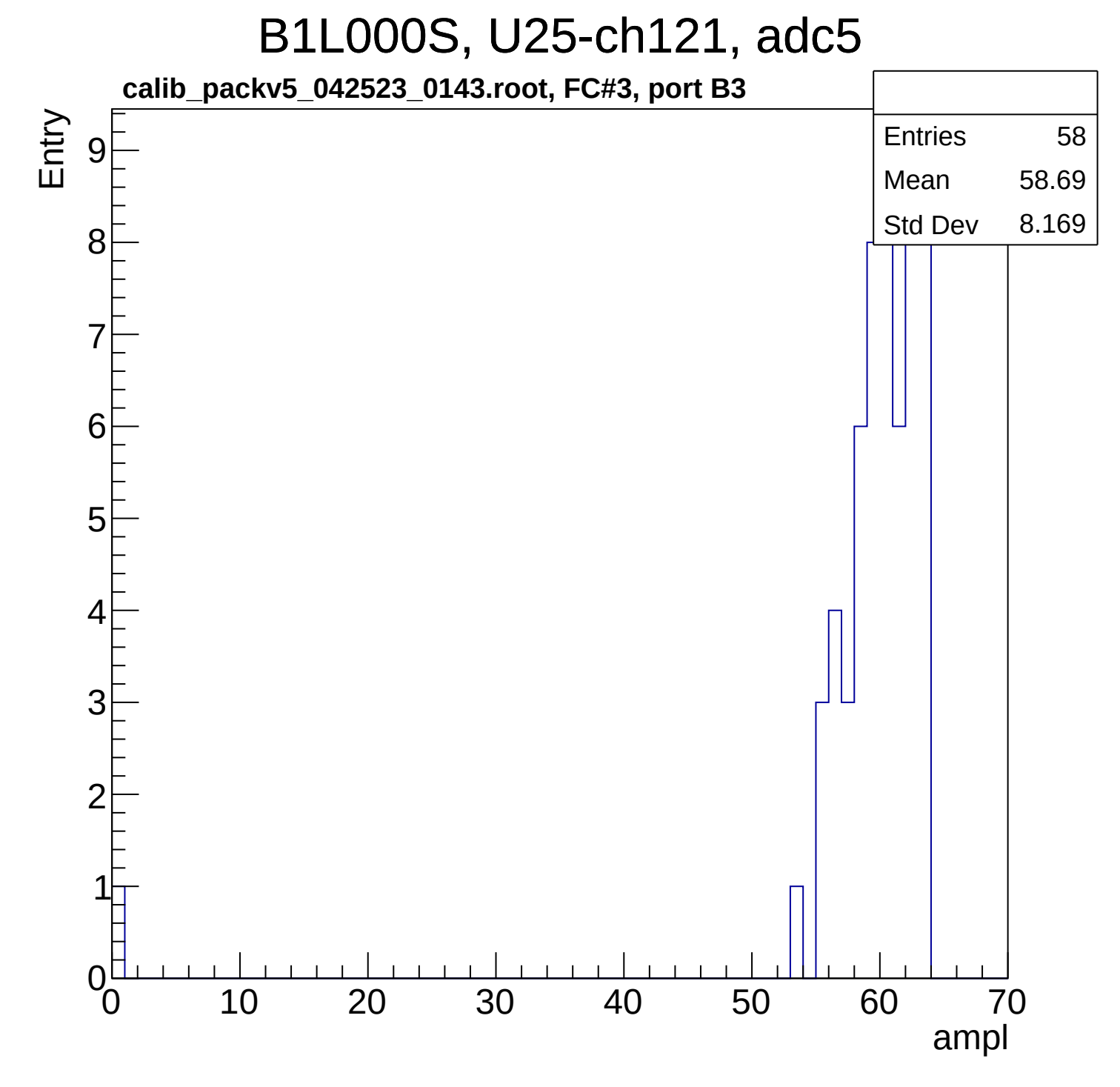
B1L000S, U25-ch121, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 58.69
Std Dev 8.169
Entry
ampl
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3
4
5
6
7
8
9
0
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20
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60
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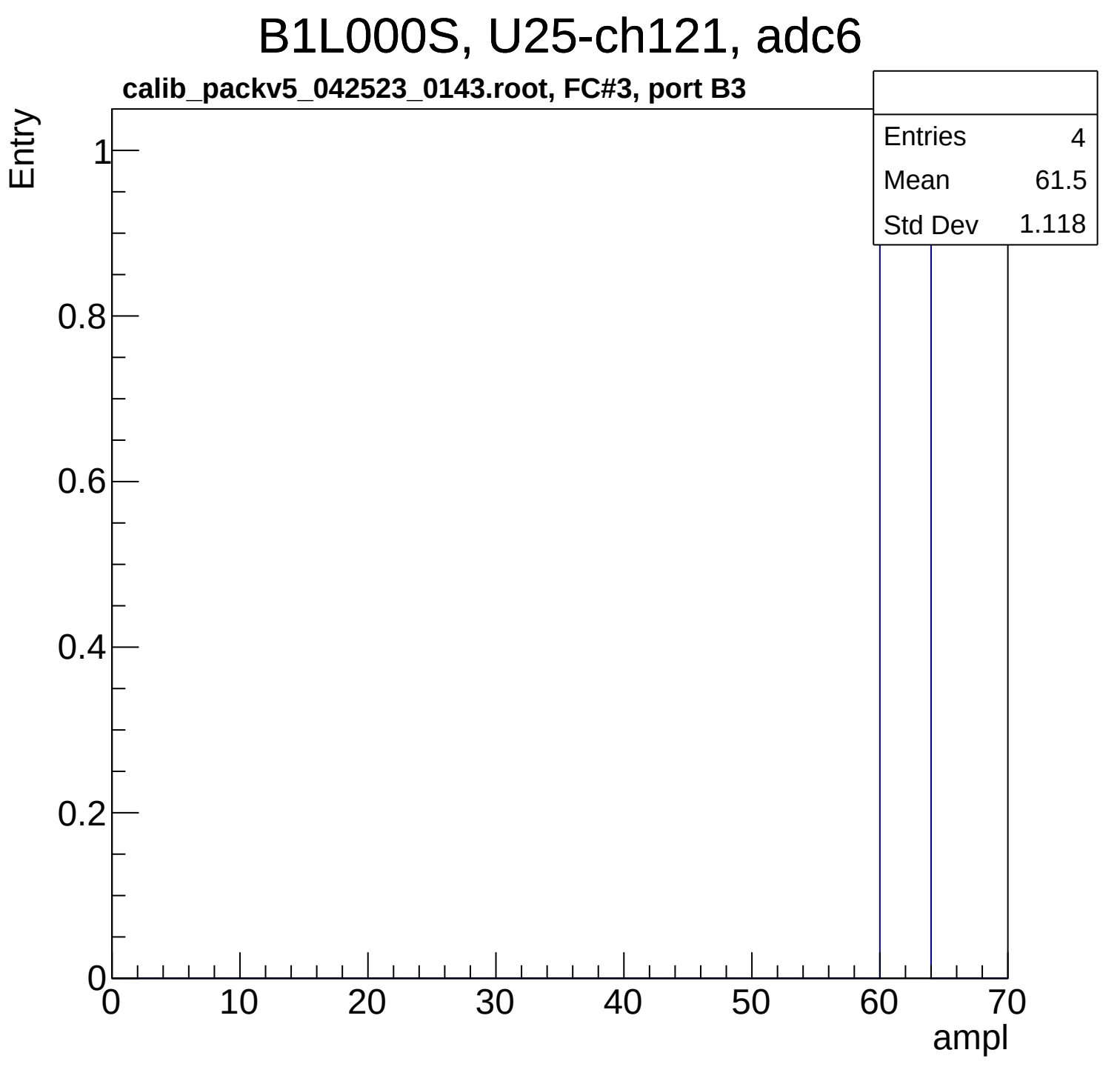
B1L000S, U25-ch121, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 4
Mean 61.5
Std Dev 1.118
Entry
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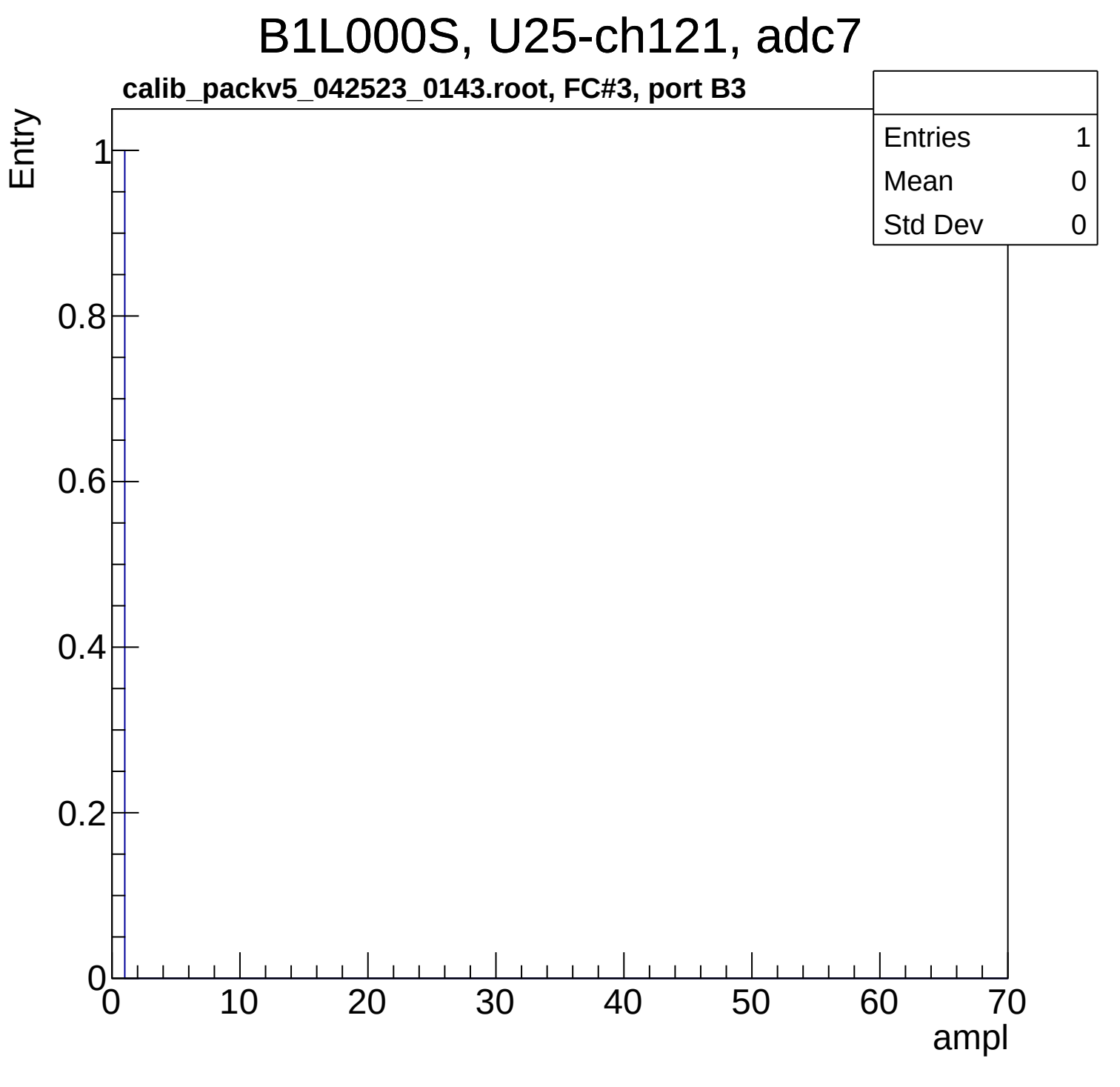
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch121, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
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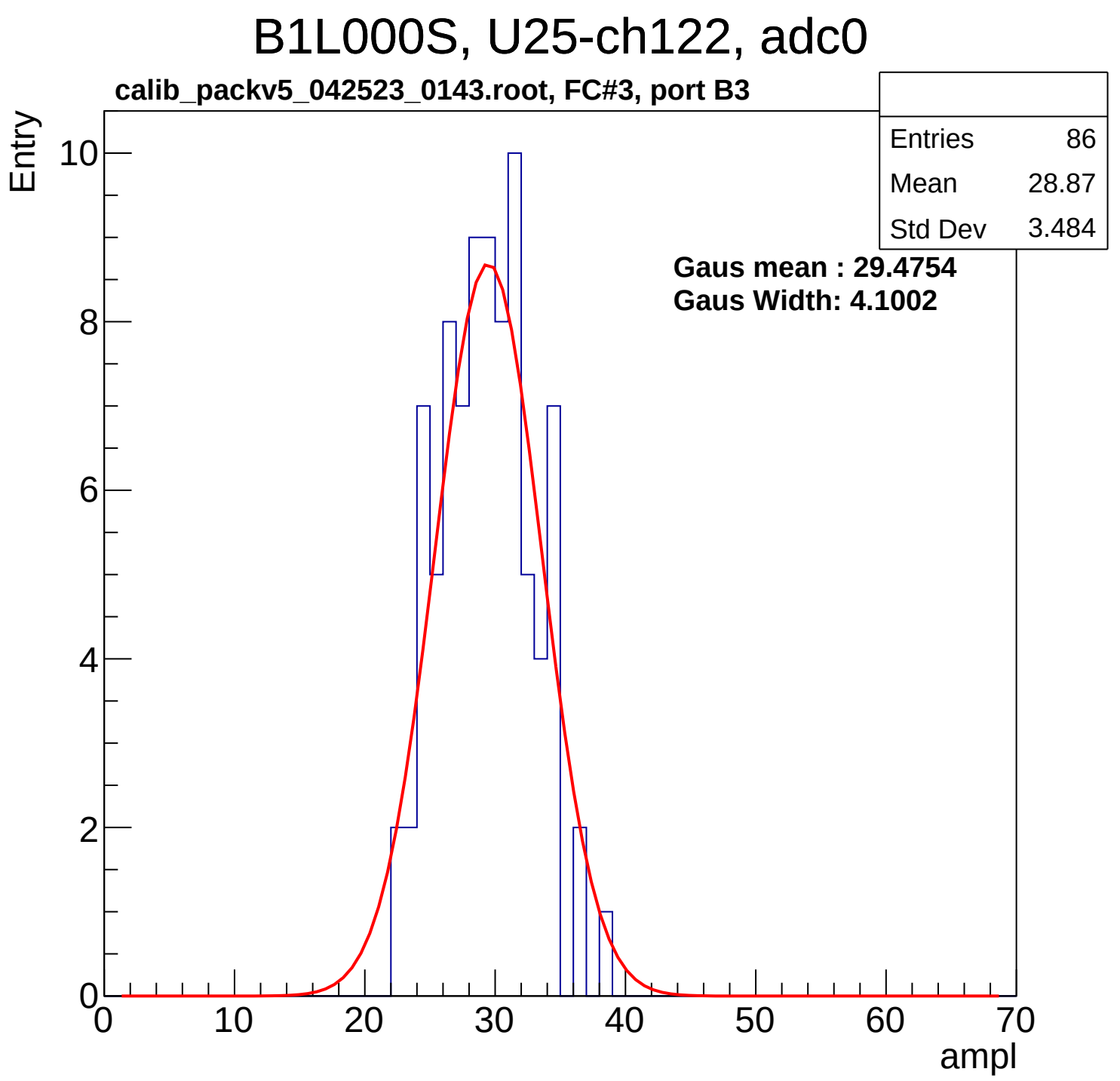
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch122, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 86
Mean 28.87
Std Dev 3.484
Gaus mean : 29.4754
Gaus Width: 4.1002
Entry
ampl
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2
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6
8
10
0
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20
30
40
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60
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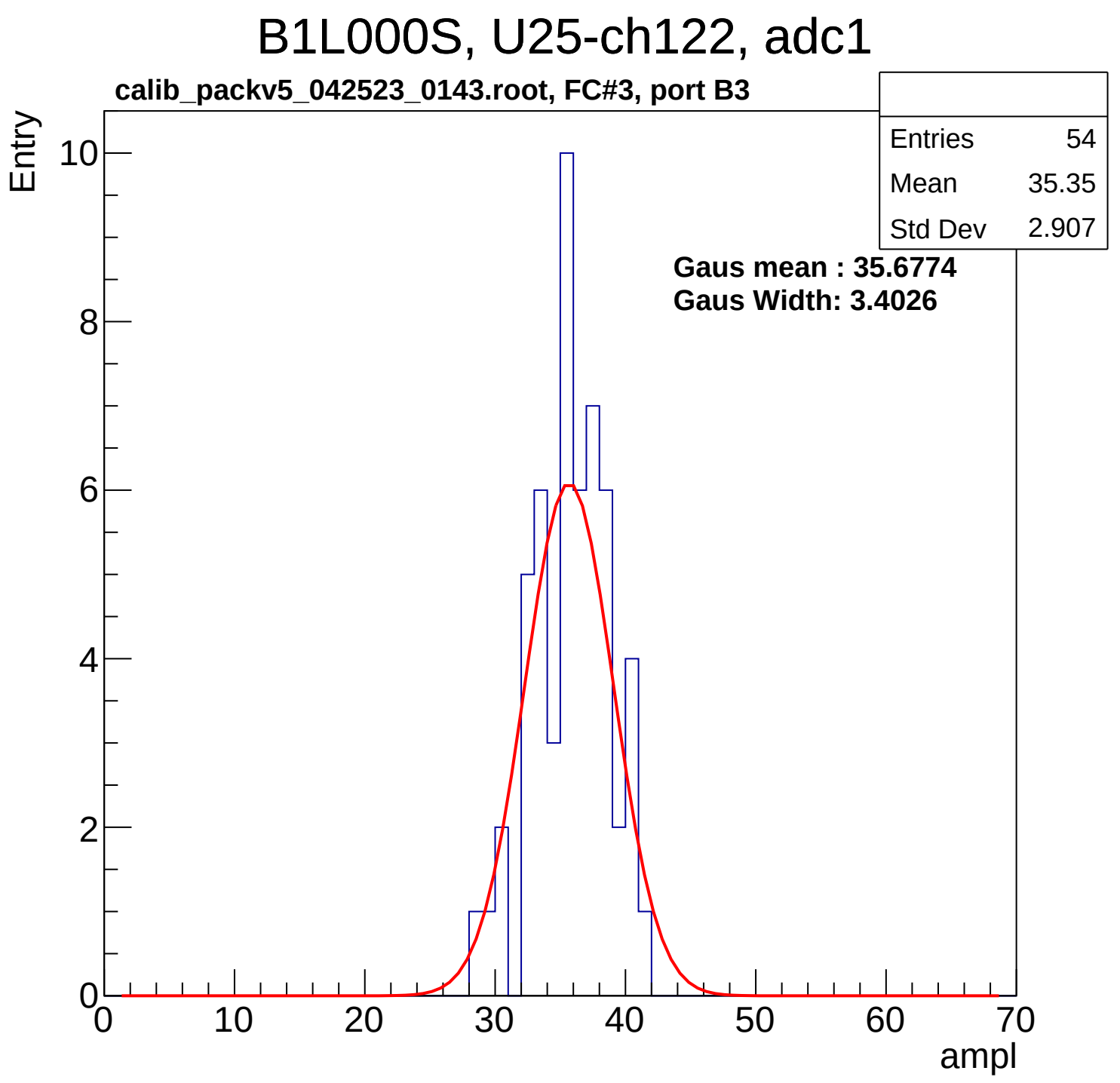
B1L000S, U25-ch122, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 54
Mean 35.35
Std Dev 2.907
Gaus mean : 35.6774
Gaus Width: 3.4026
Entry
ampl
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2
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6
8
10
0
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20
30
40
50
60
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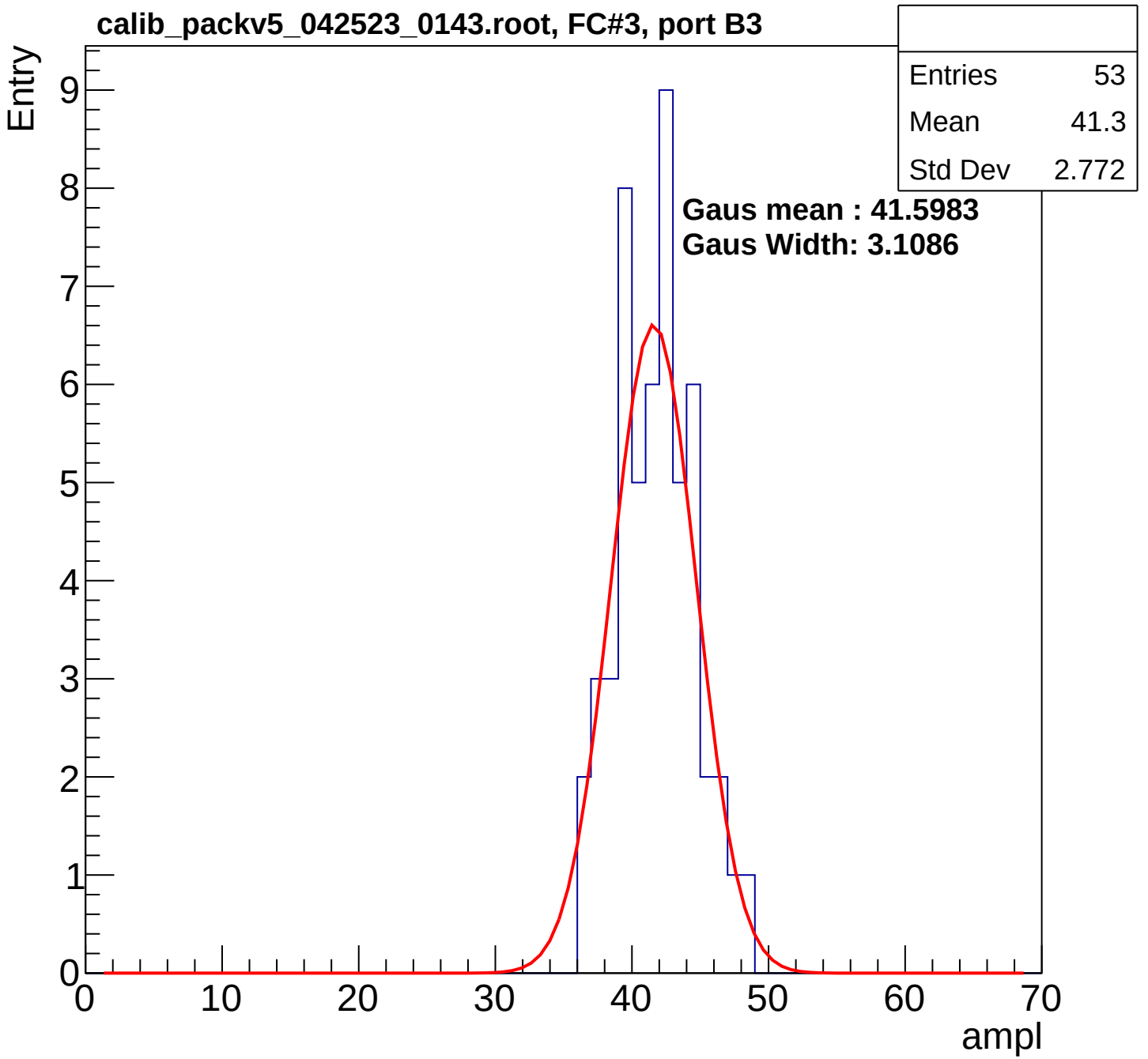
B1L000S, U25-ch122, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 41.3
Std Dev 2.772
Gaus mean : 41.5983
Gaus Width: 3.1086
Entry
ampl
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2
3
4
5
6
7
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9
0
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60
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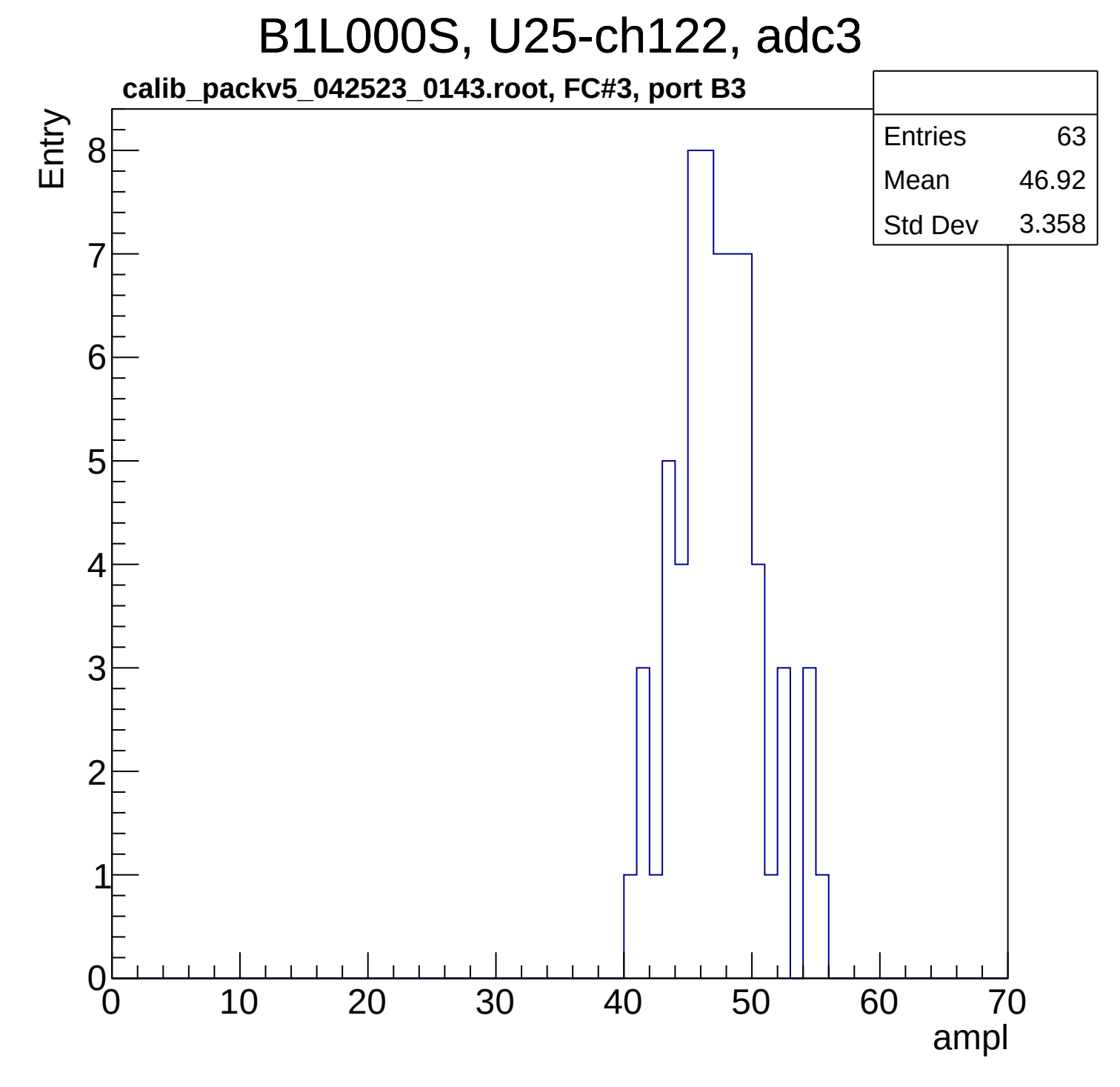
B1L000S, U25-ch122, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 63
Mean 46.92
Std Dev 3.358
Entry
ampl
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4
5
6
7
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0
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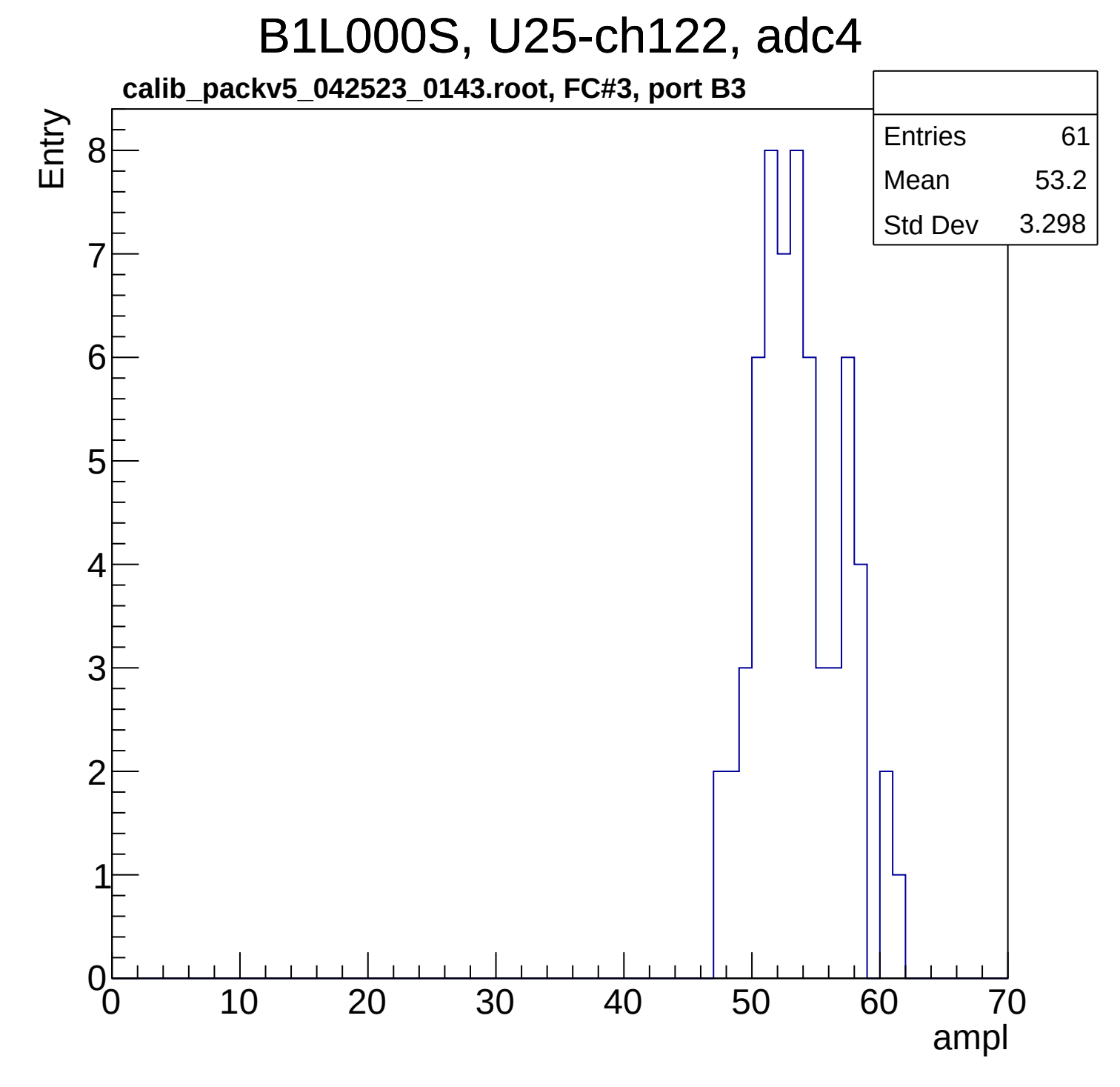
B1L000S, U25-ch122, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 53.2
Std Dev 3.298
Entry
ampl
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0
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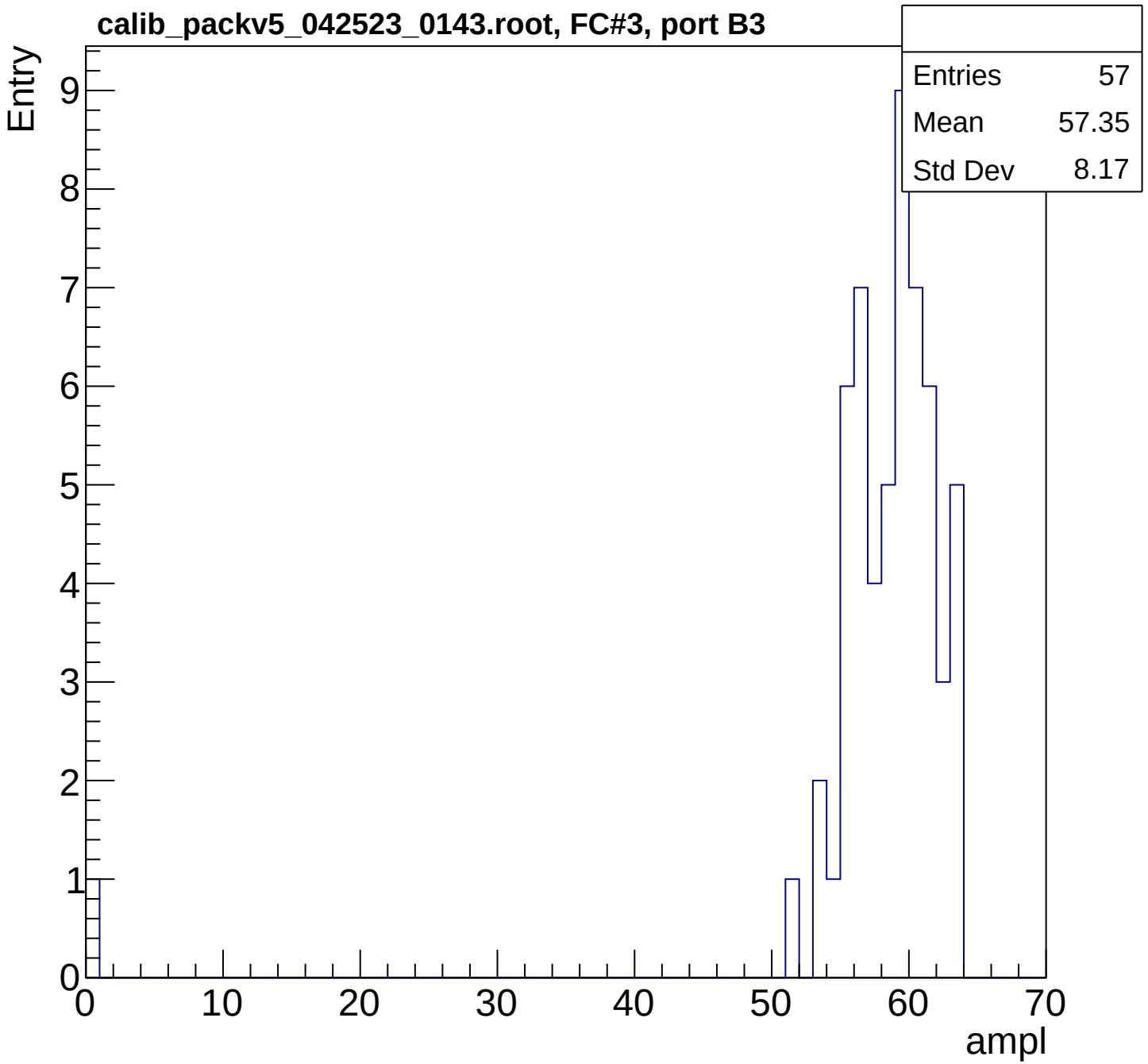
B1L000S, U25-ch122, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 57.35
Std Dev 8.17
Entry
ampl
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6
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8
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0
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60
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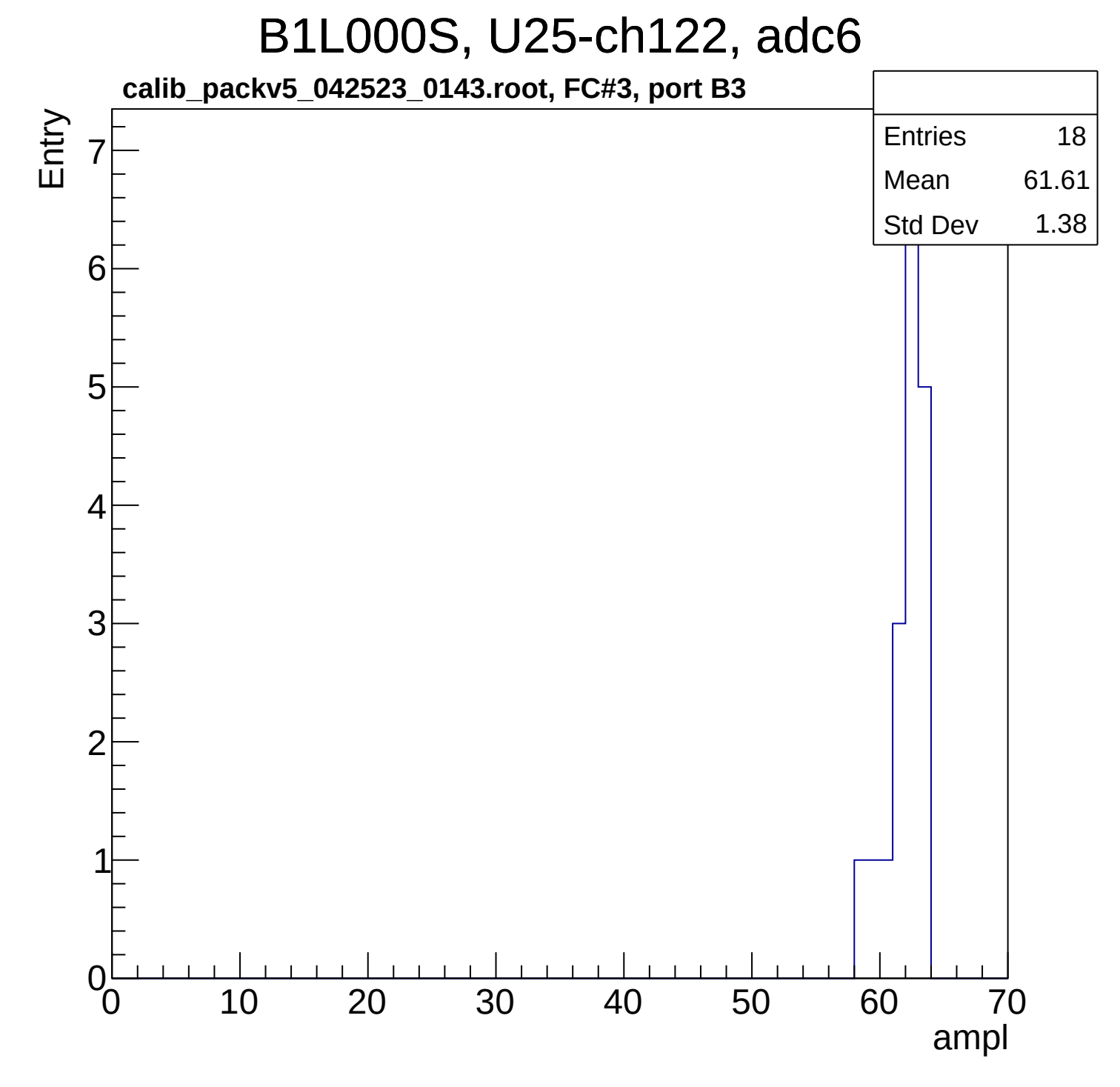
B1L000S, U25-ch122, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 18
Mean 61.61
Std Dev 1.38
Entry
ampl
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4
5
6
7
0
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40
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60
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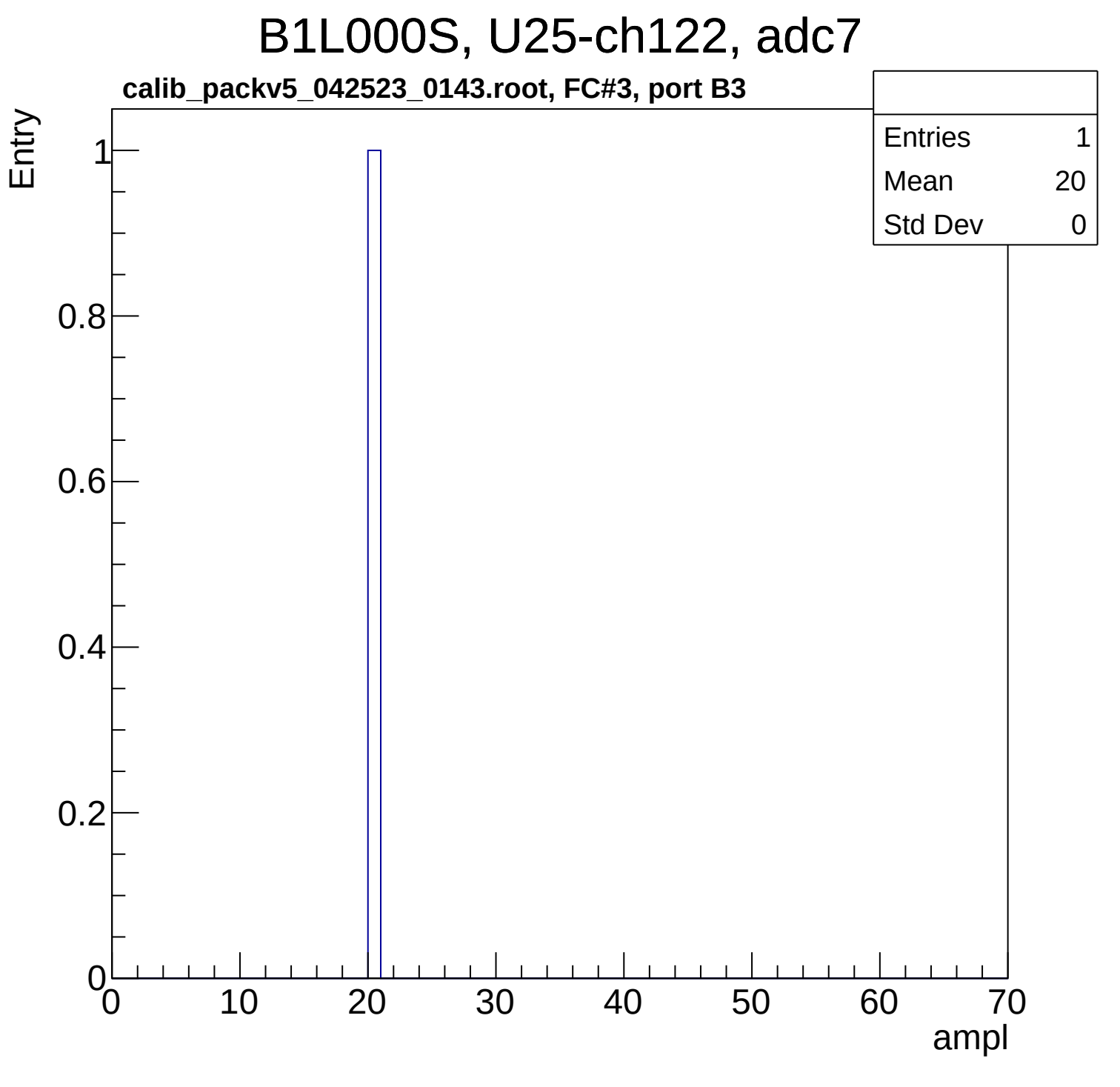
B1L000S, U25-ch122, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 20
Std Dev 0
Entry
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0.6
0.4
0.2
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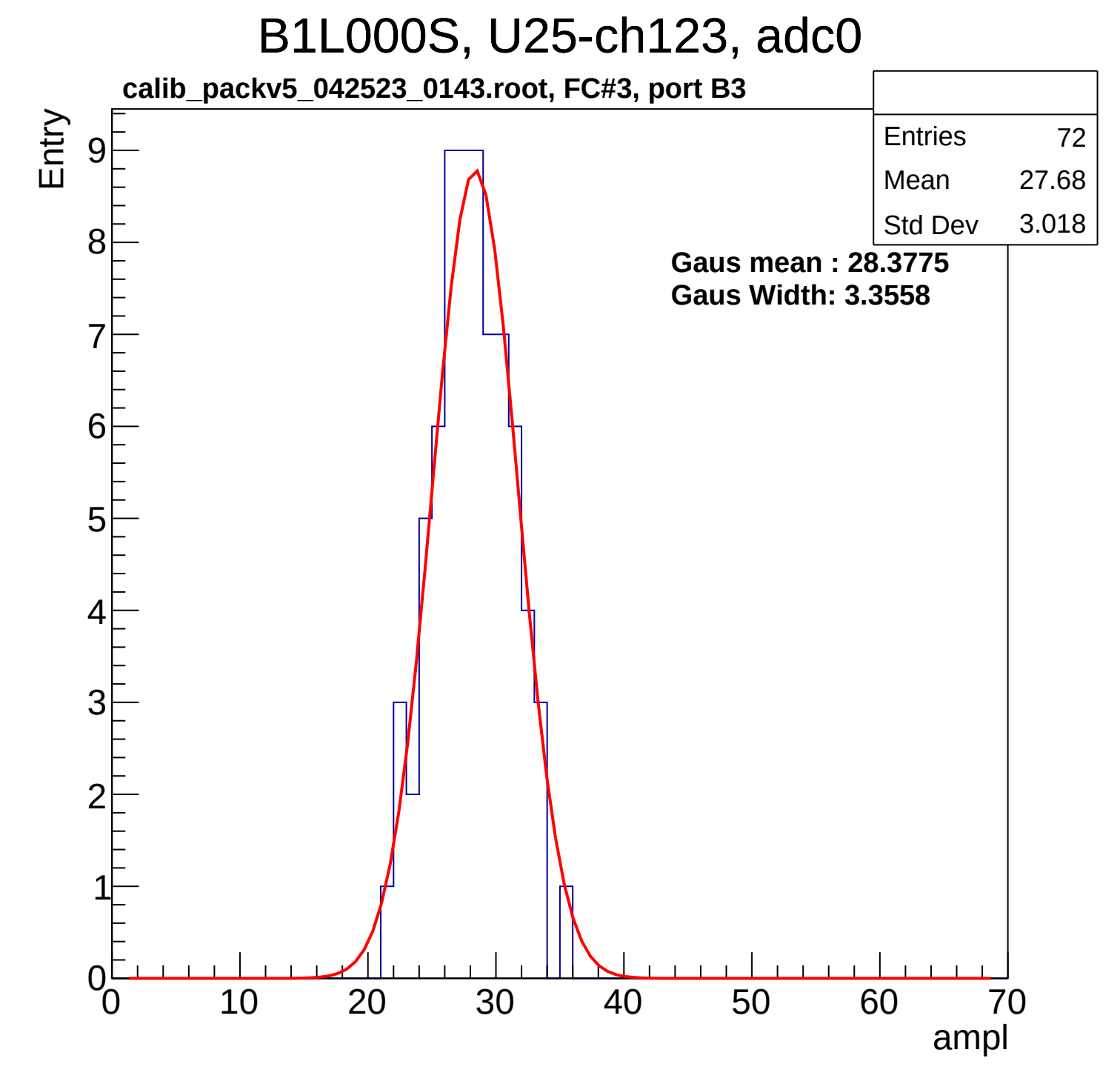
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch123, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 27.68
Std Dev 3.018
Gaus mean : 28.3775
Gaus Width: 3.3558
Entry
ampl
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3
4
5
6
7
8
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0
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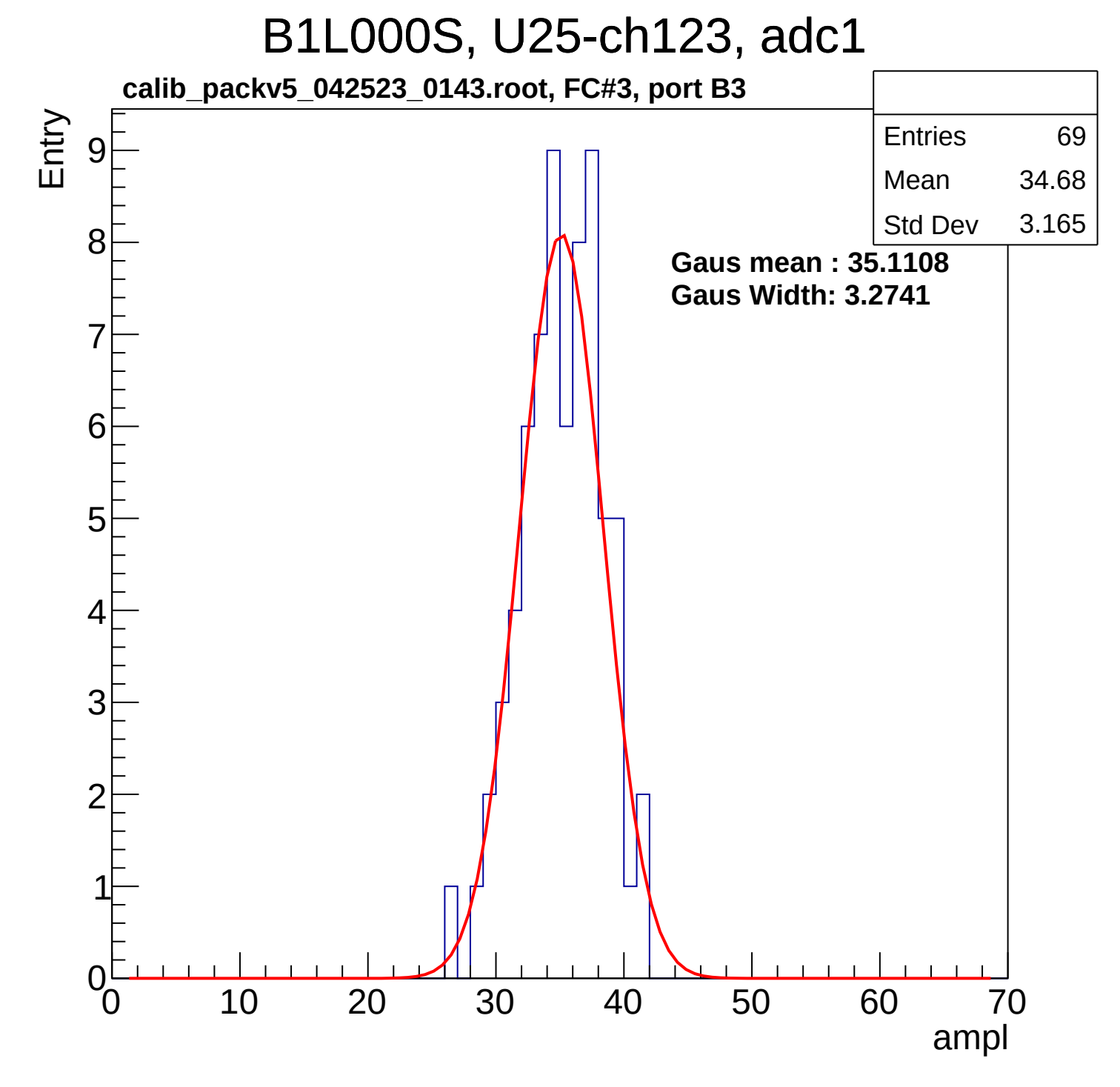
B1L000S, U25-ch123, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 34.68
Std Dev 3.165
Gaus mean : 35.1108
Gaus Width: 3.2741
Entry
ampl
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2
3
4
5
6
7
8
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0
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60
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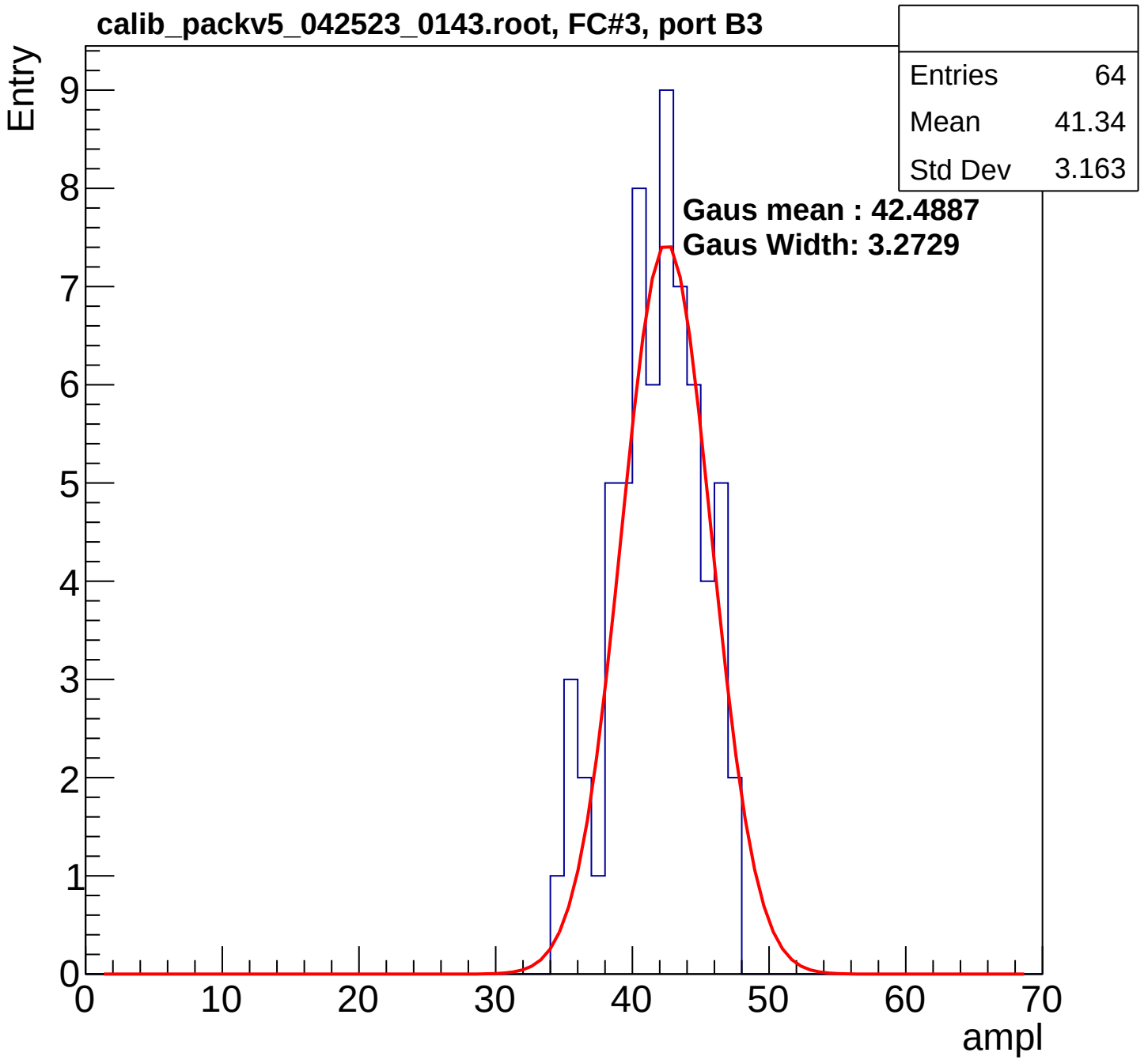
B1L000S, U25-ch123, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 64
Mean 41.34
Std Dev 3.163
Gaus mean : 42.4887
Gaus Width: 3.2729
Entry
ampl
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3
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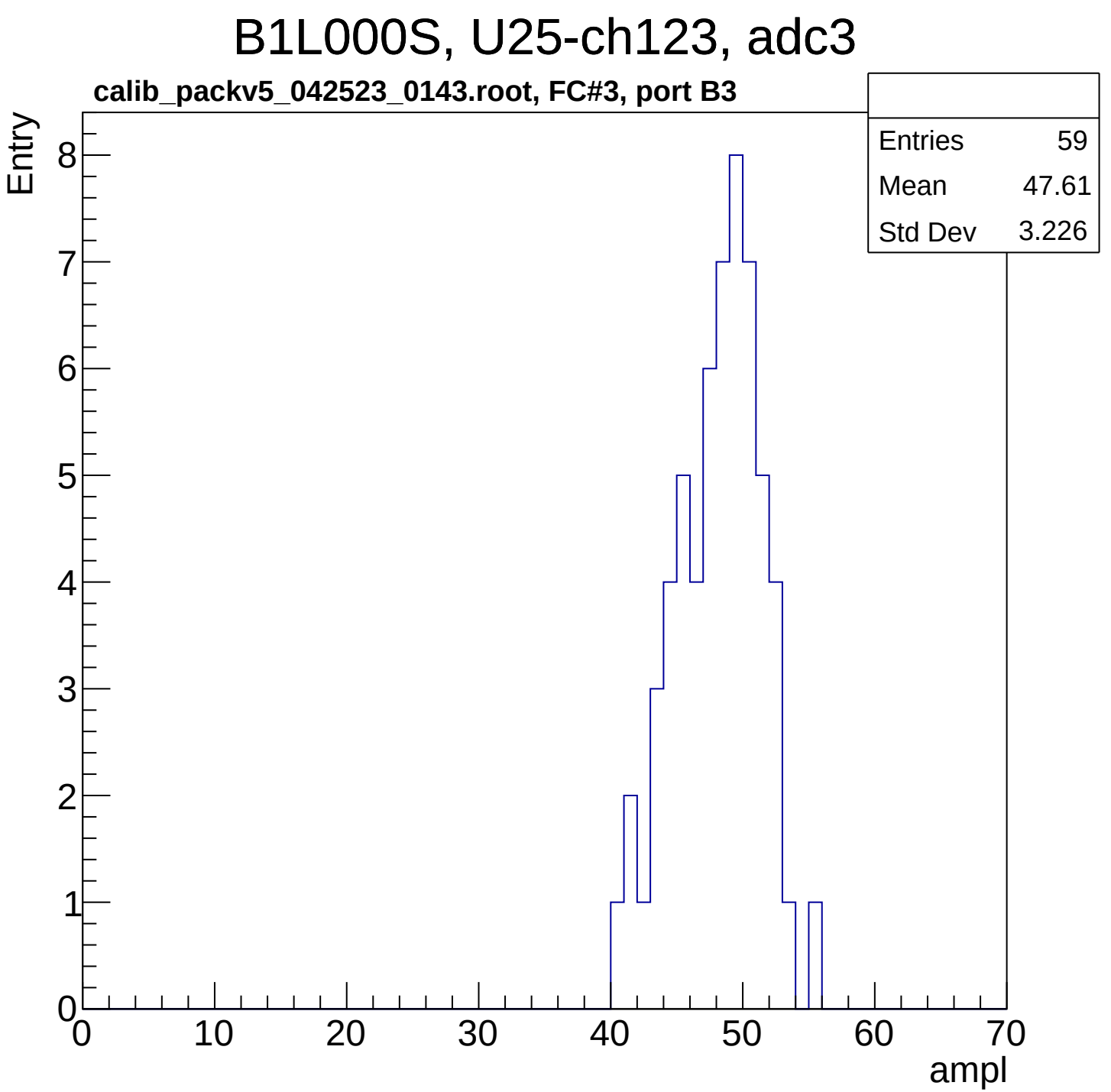
B1L000S, U25-ch123, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 47.61
Std Dev 3.226
Entry
ampl
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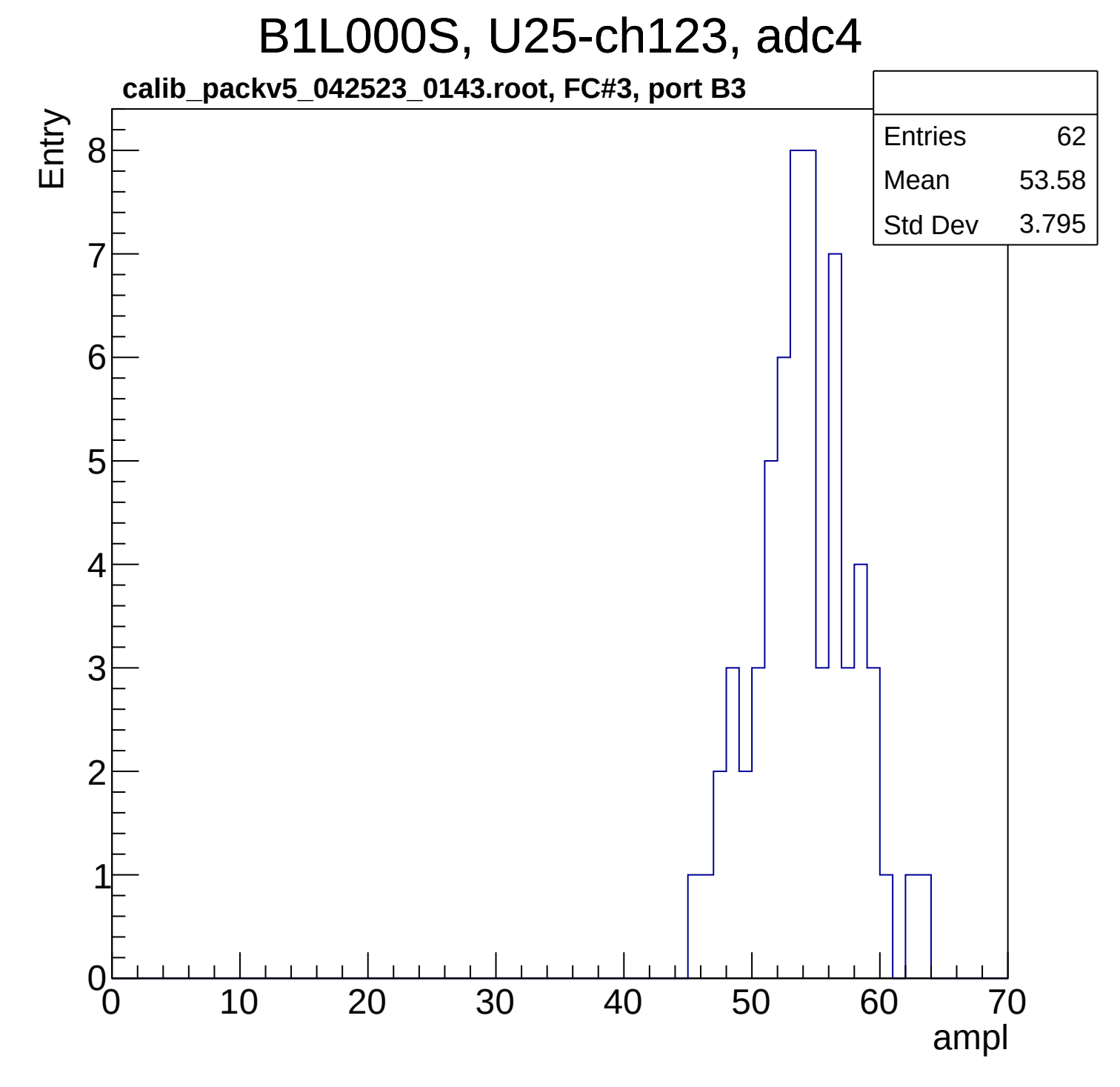
B1L000S, U25-ch123, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 53.58
Std Dev 3.795
Entry
ampl
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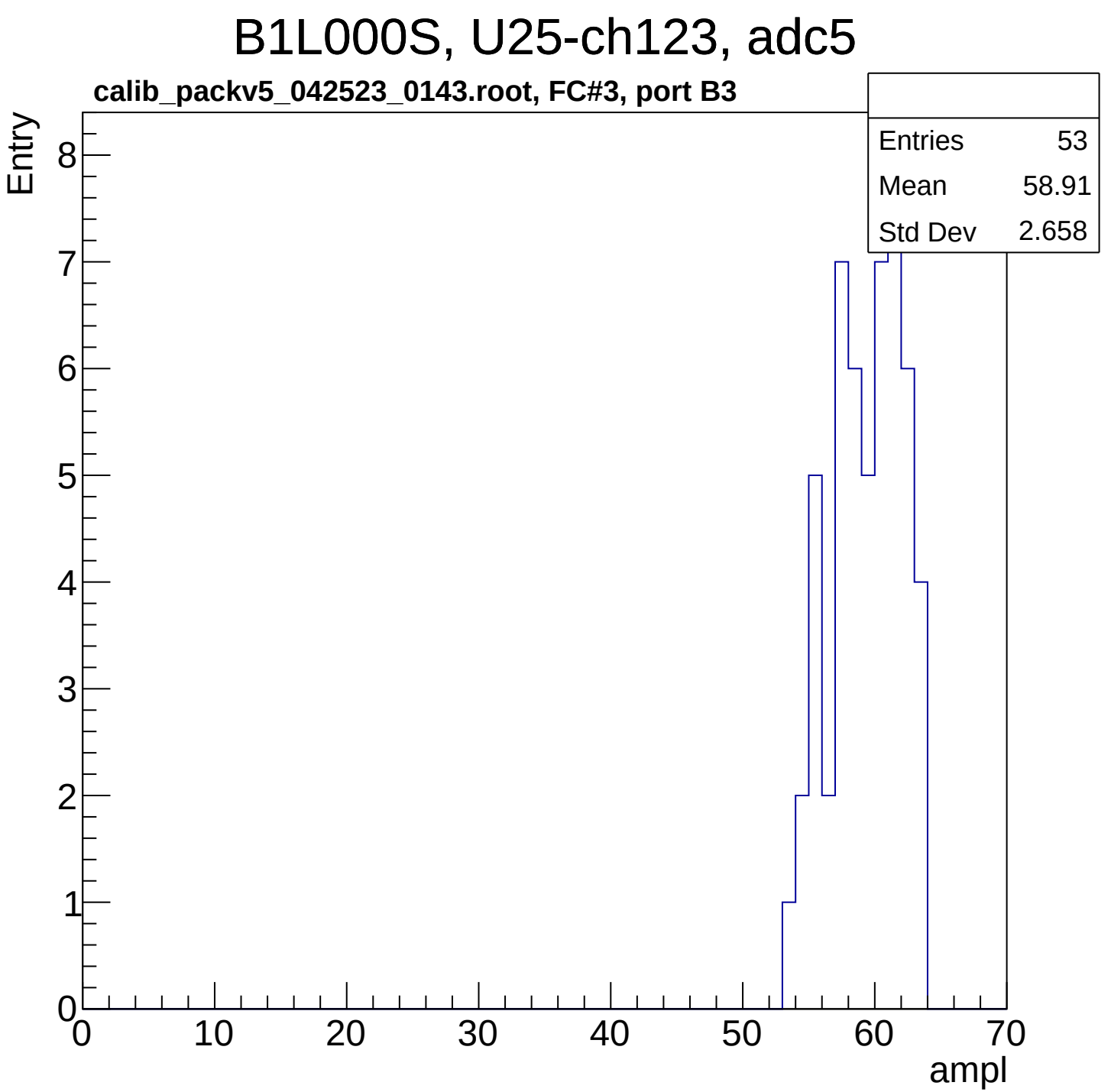
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch123, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 53
Mean 58.91
Std Dev 2.658
Entry
ampl
0
1
2
3
4
5
6
7
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0
10
20
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40
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60
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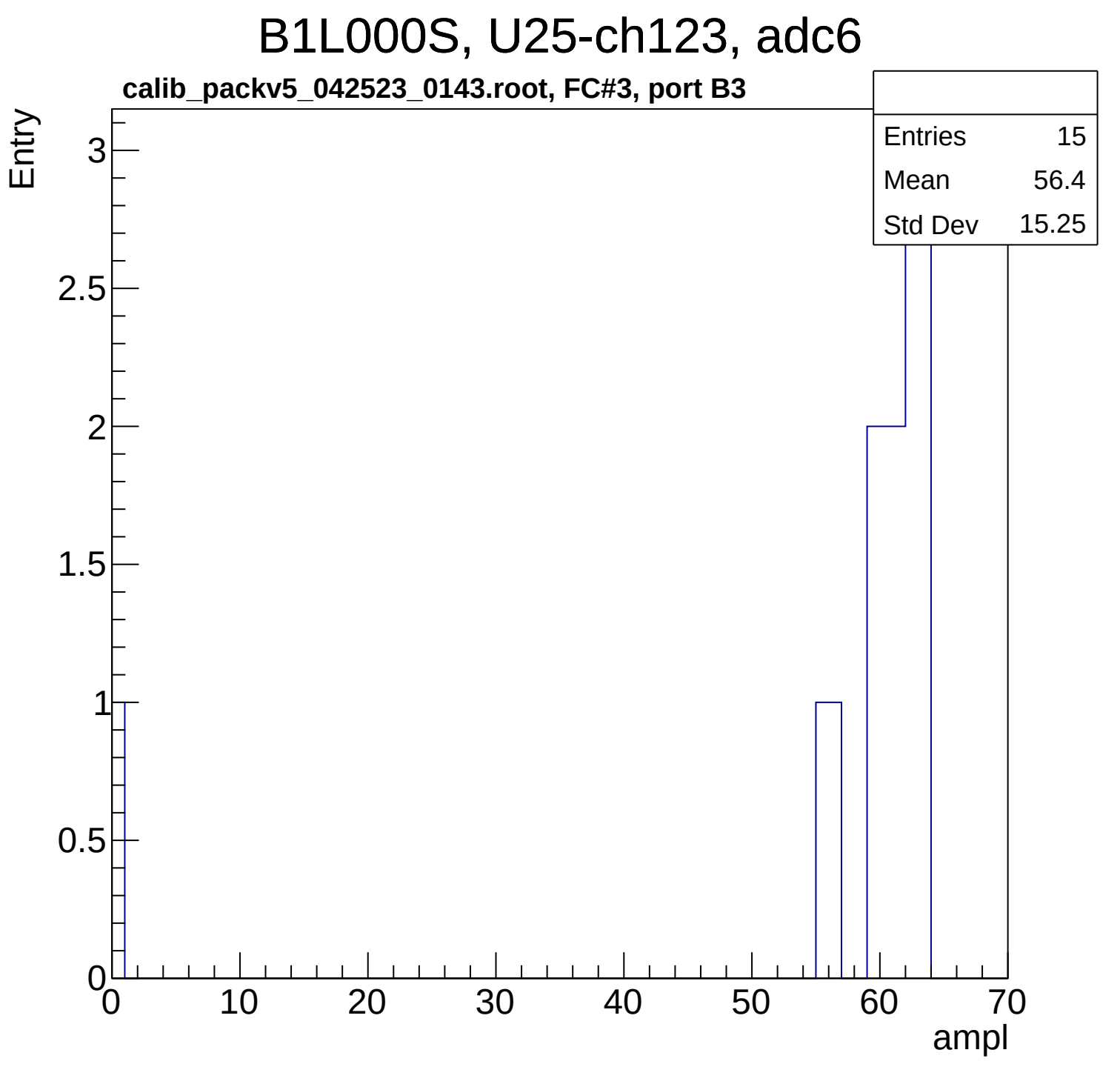
B1L000S, U25-ch123, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 15
Mean 56.4
Std Dev 15.25
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
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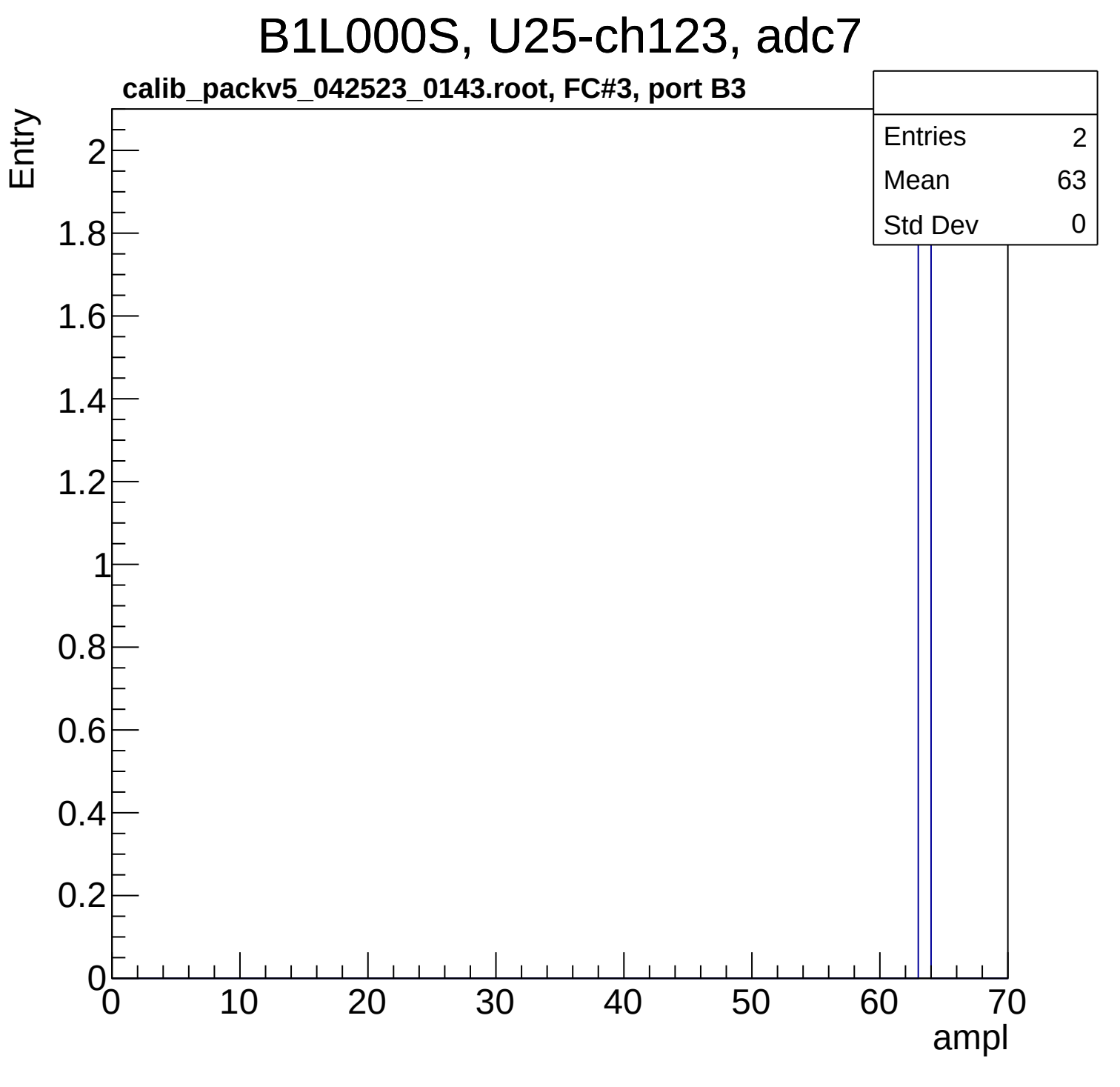
B1L000S, U25-ch123, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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40
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60
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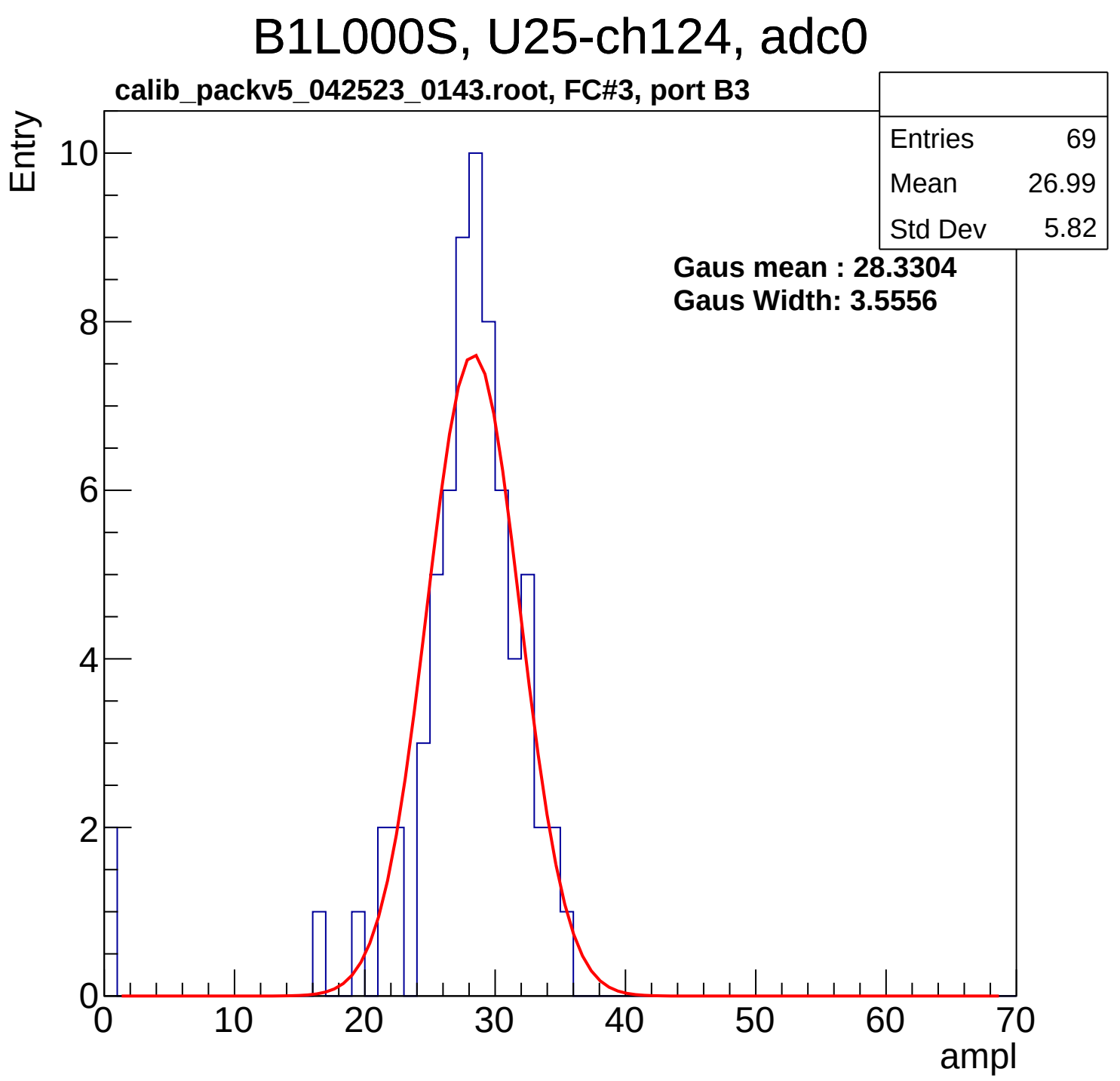
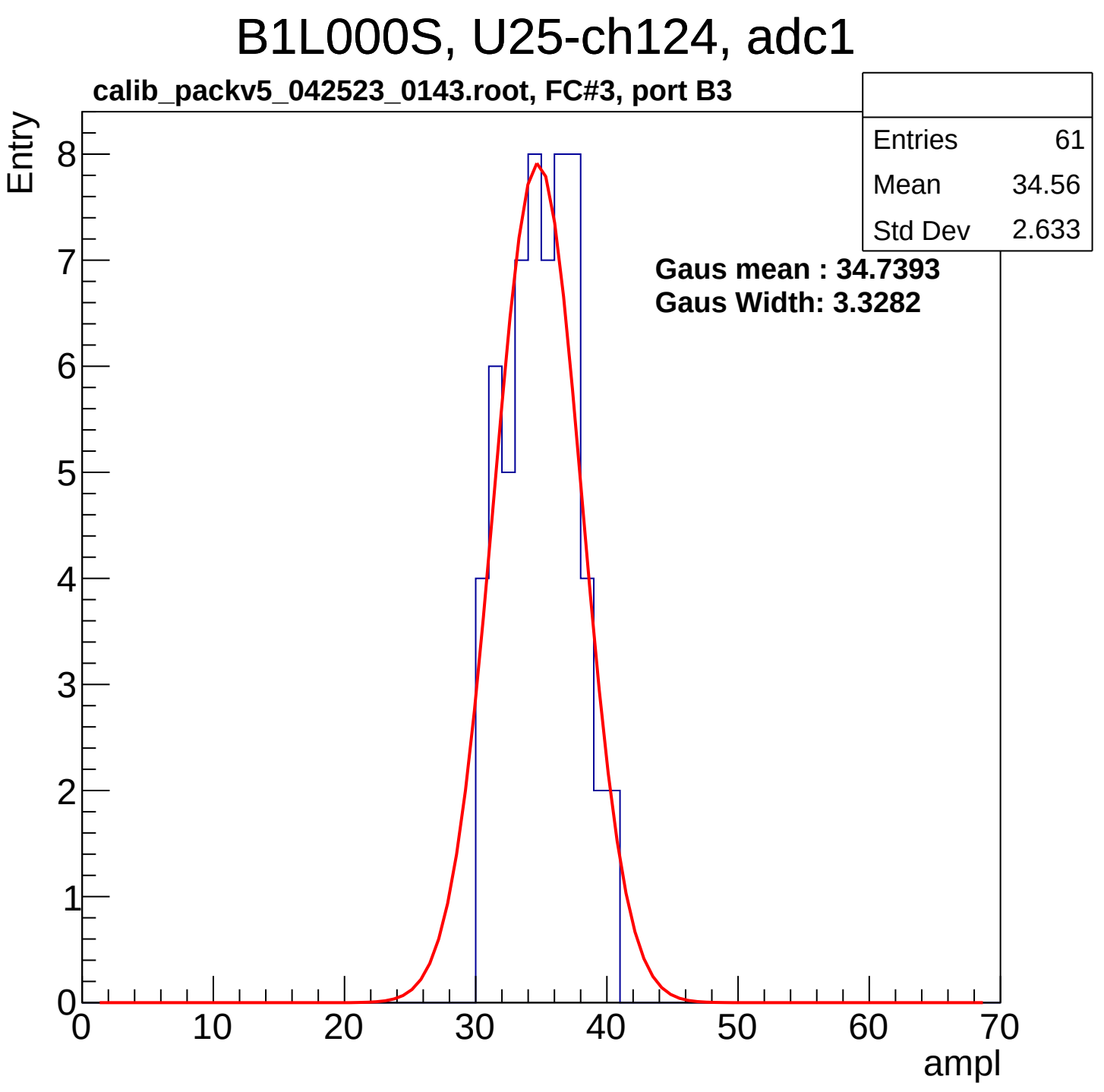

B1L000S, U25-ch124, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 69
Mean 26.99
Std Dev 5.82
Gaus mean : 28.3304
Gaus Width: 3.5556
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch124, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 61
Mean 34.56
Std Dev 2.633
Gaus mean : 34.7393
Gaus Width: 3.3282
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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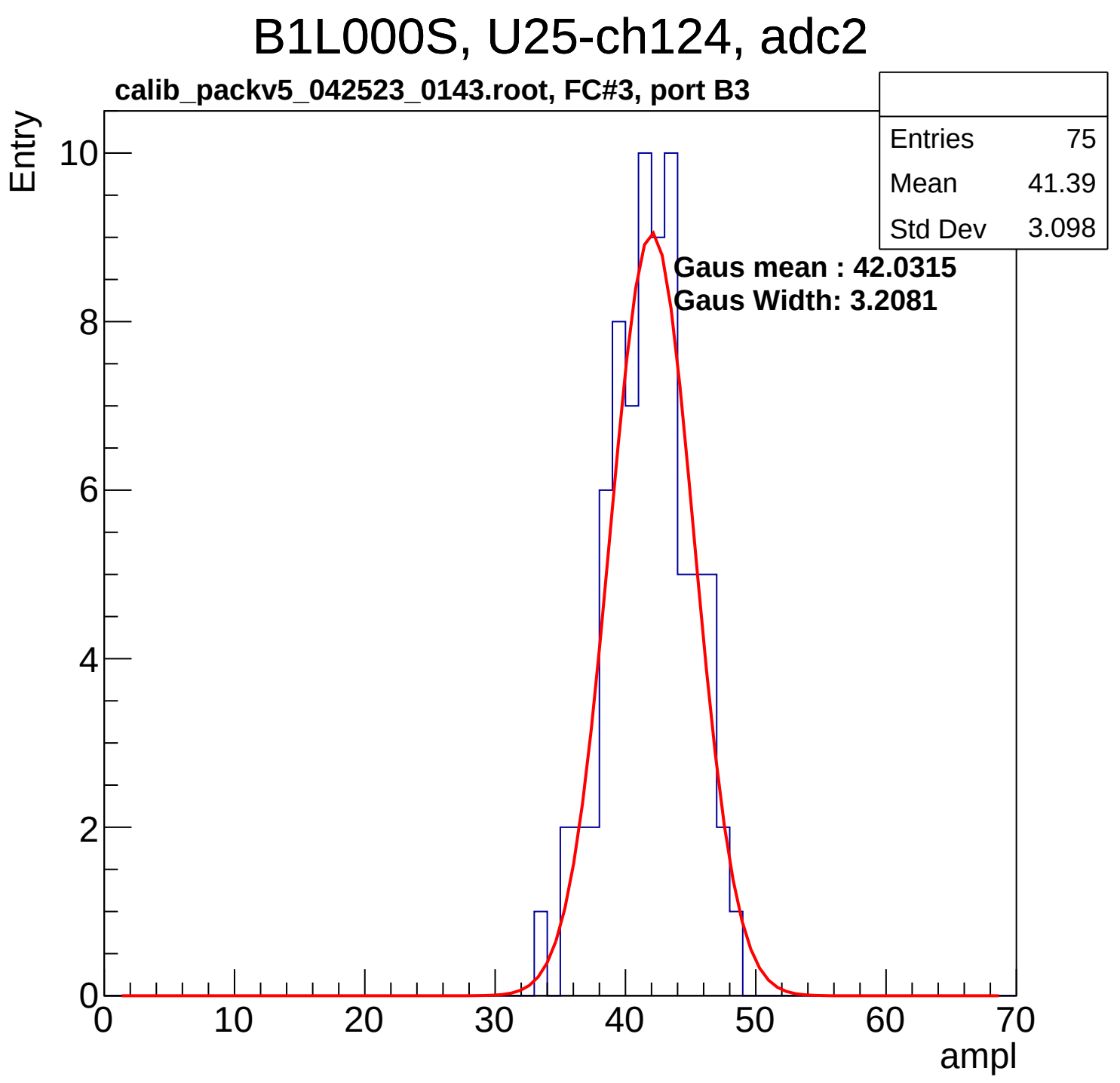
B1L000S, U25-ch124, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 75
Mean 41.39
Std Dev 3.098
Gaus mean : 42.0315
Gaus Width: 3.2081
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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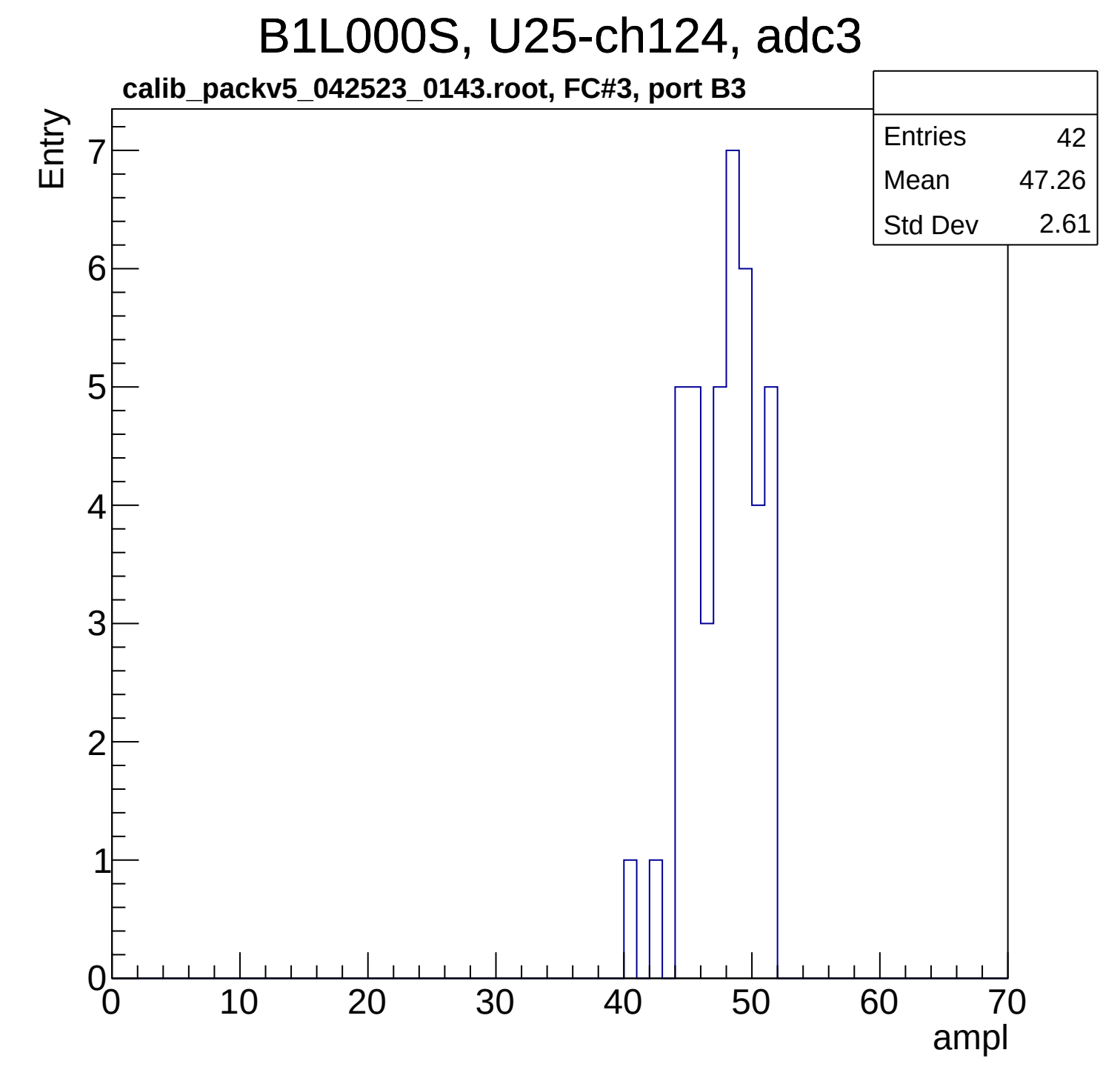
B1L000S, U25-ch124, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 42
Mean 47.26
Std Dev 2.61
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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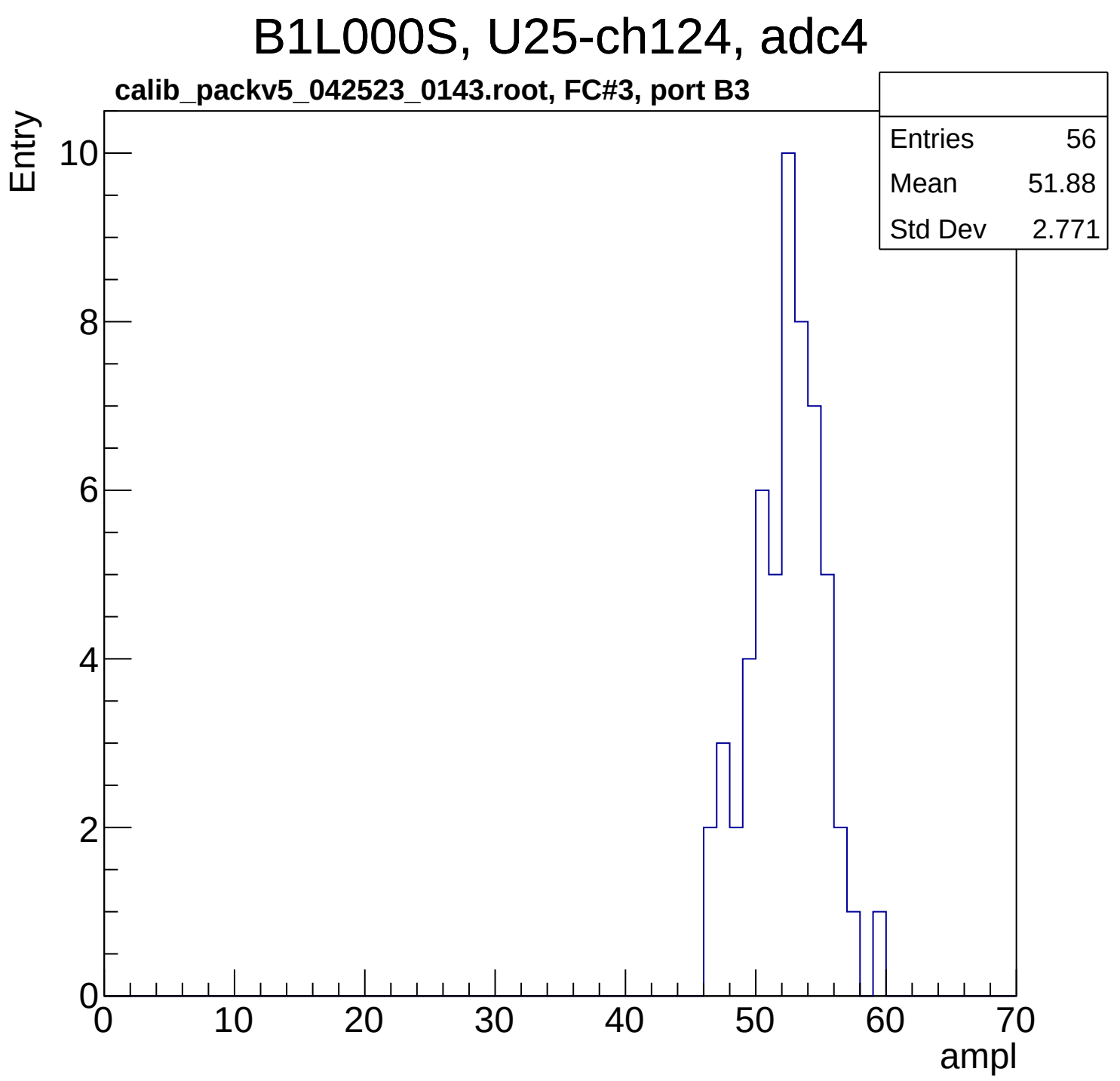
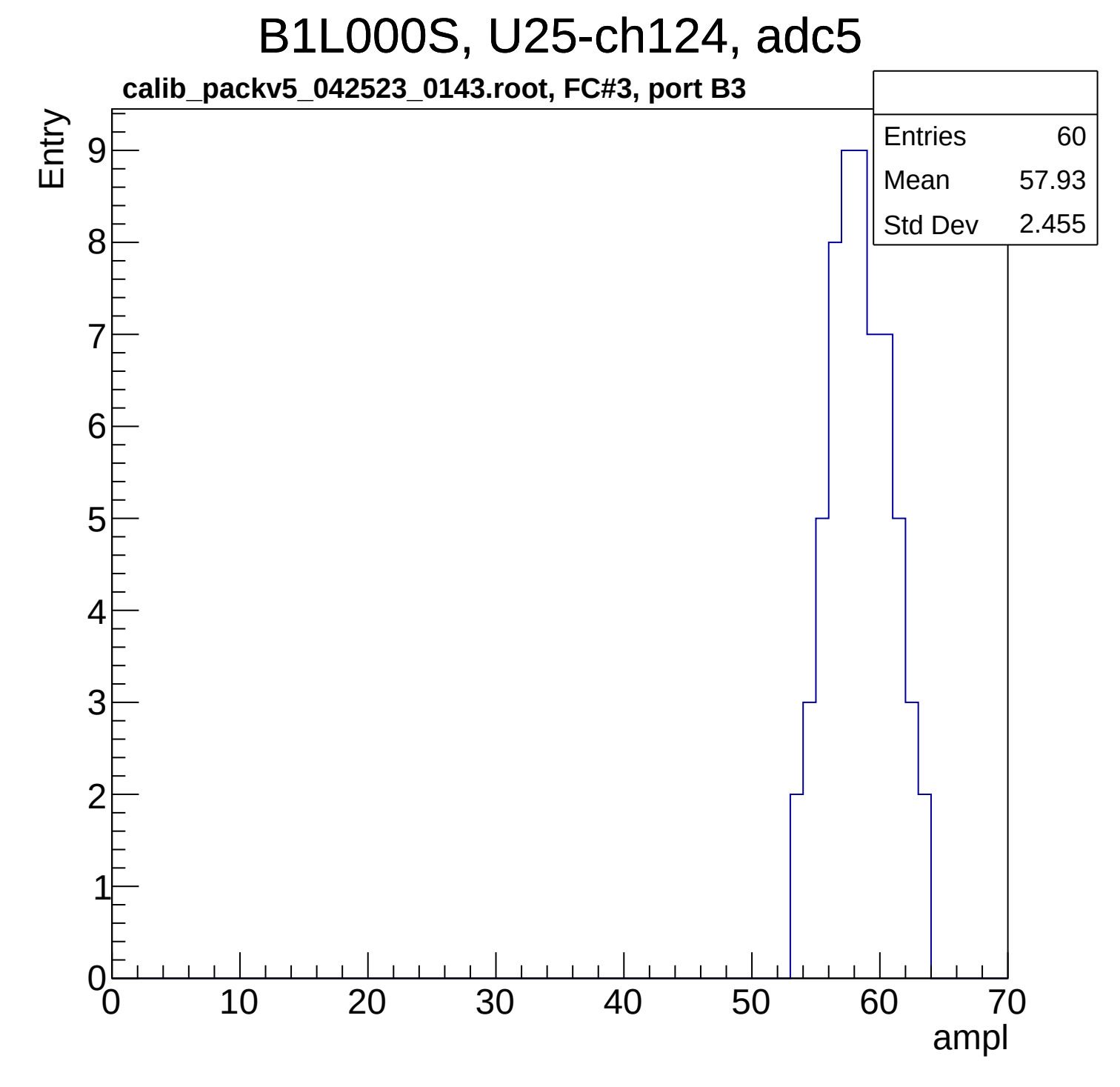
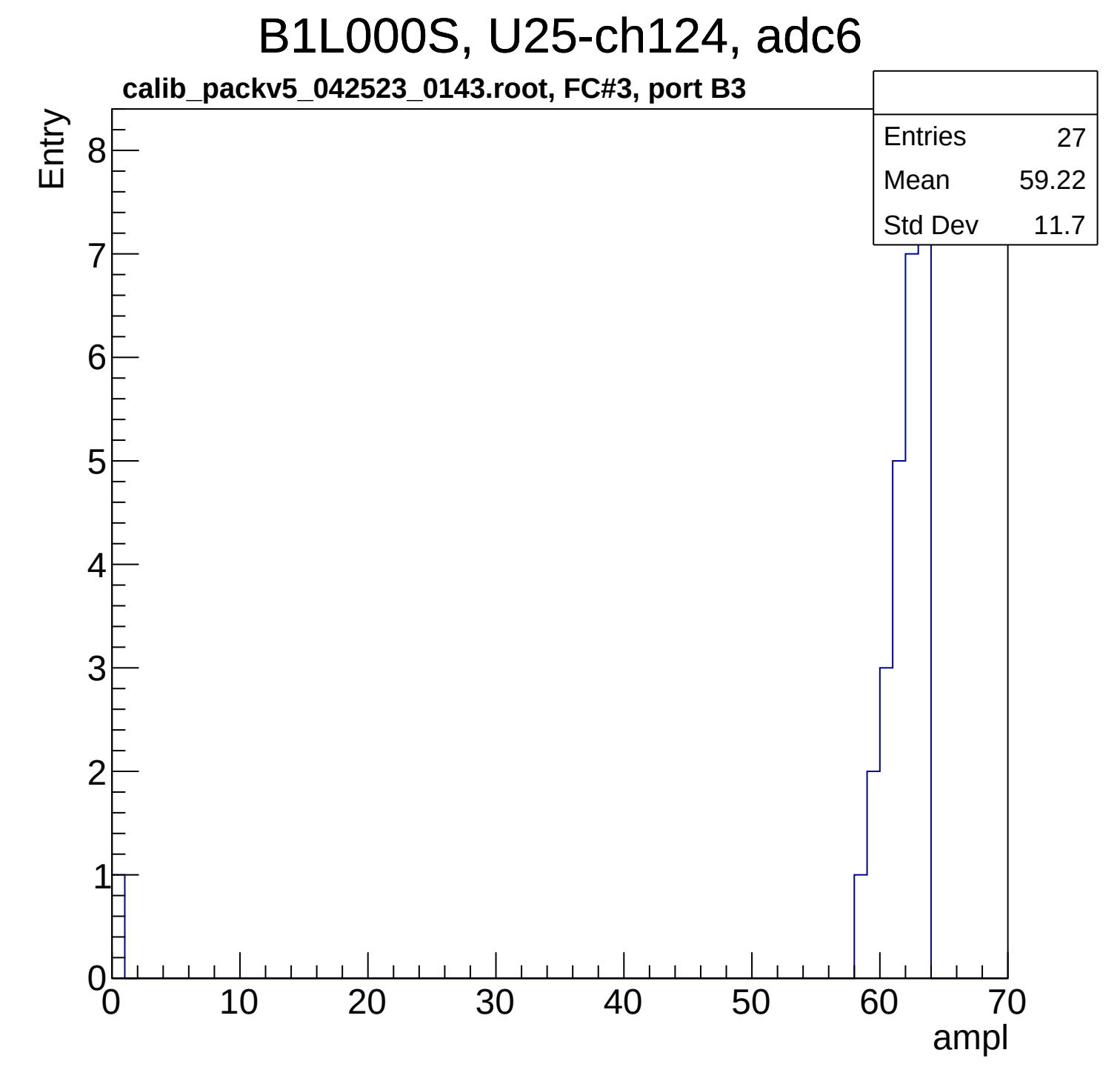
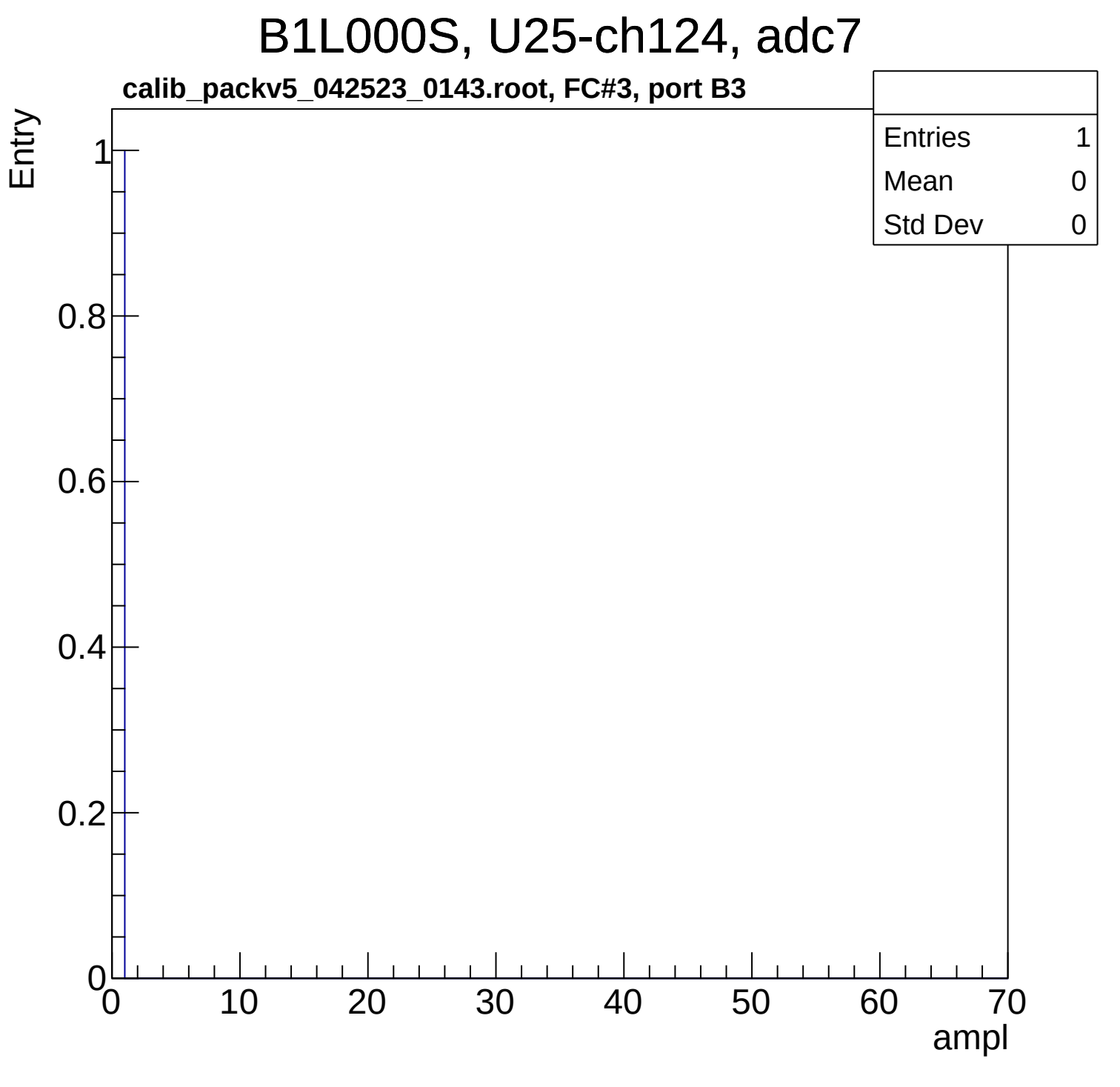
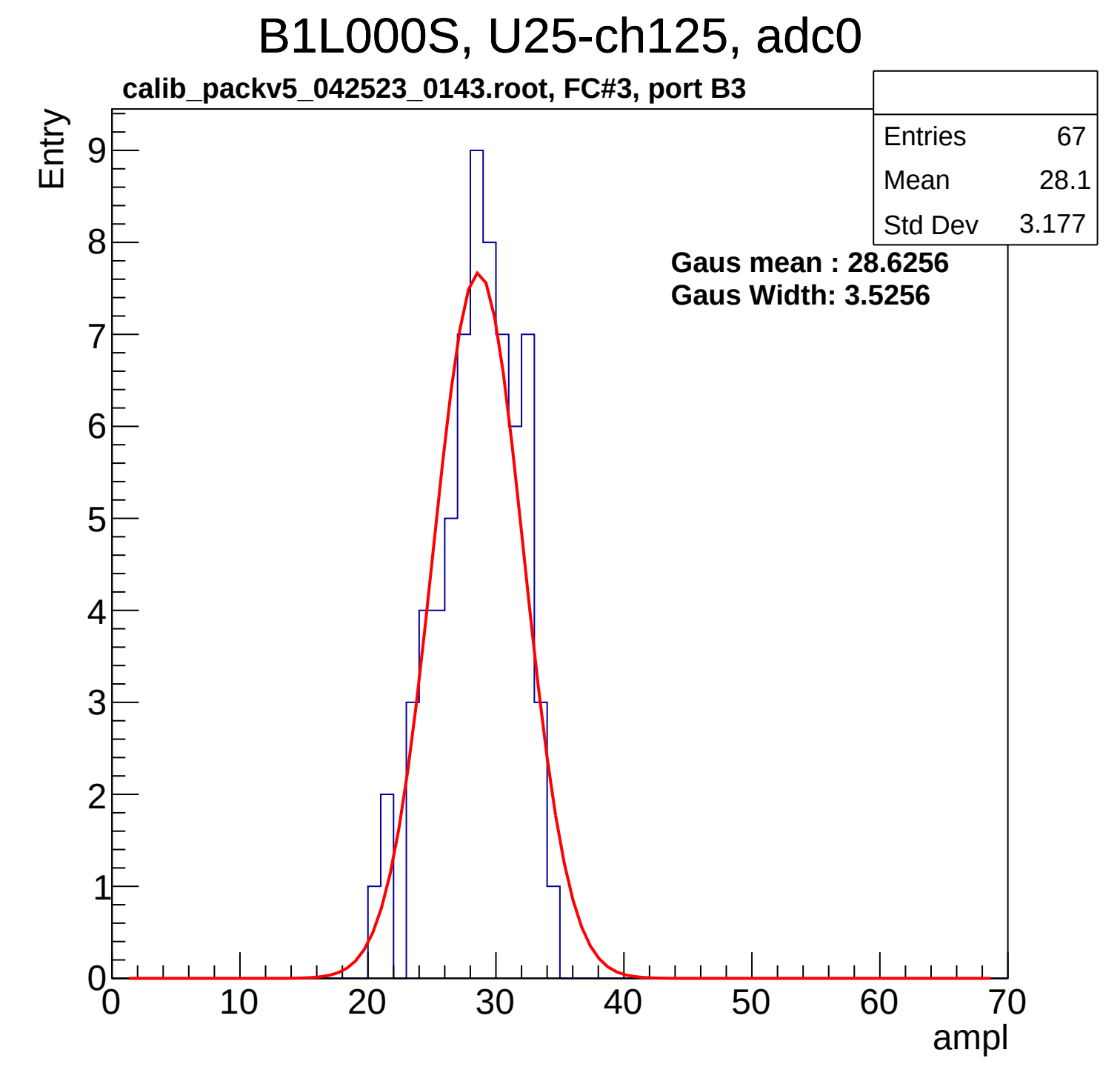
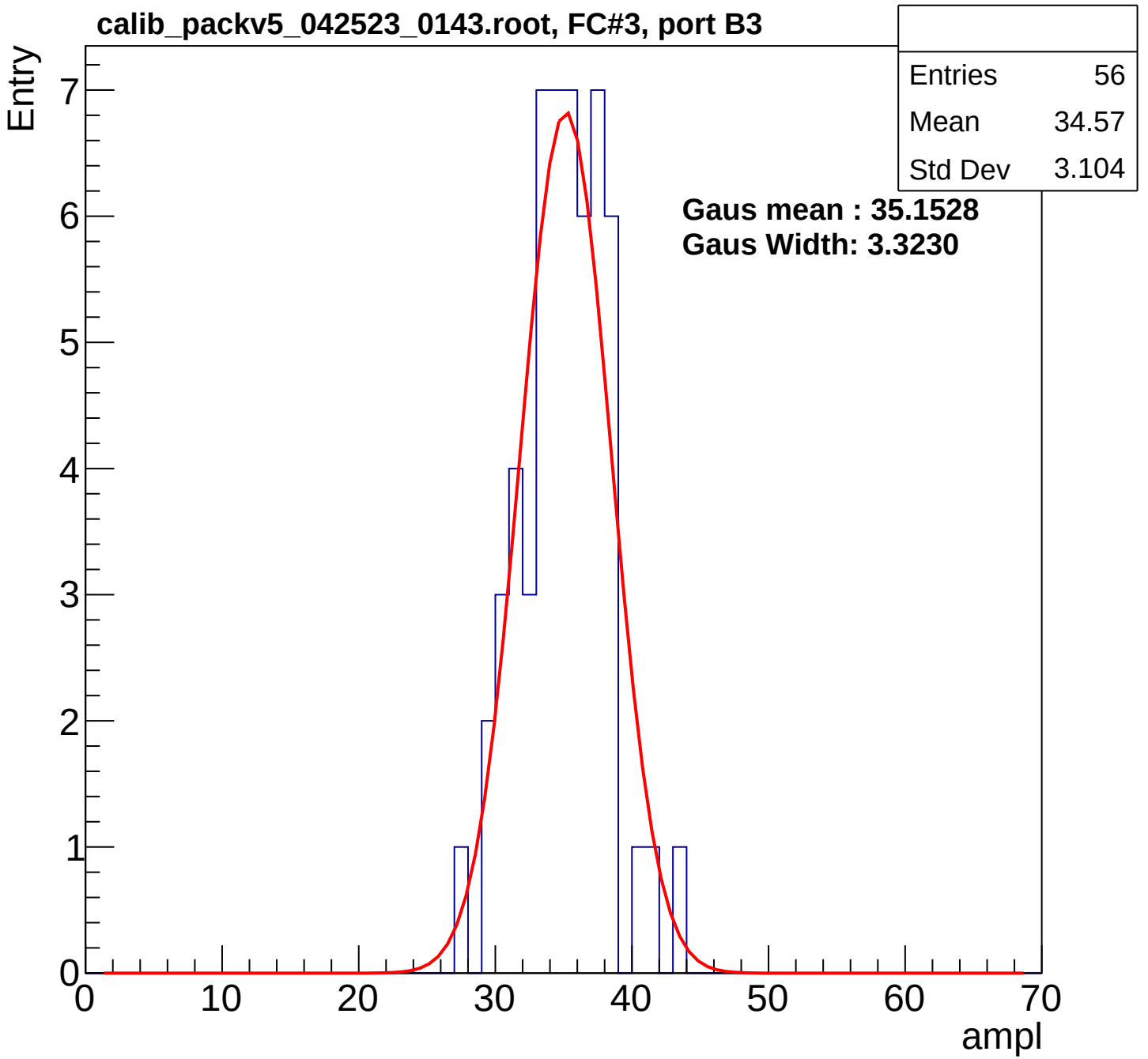

B1L000S, U25-ch124, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 51.88
Std Dev 2.771
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

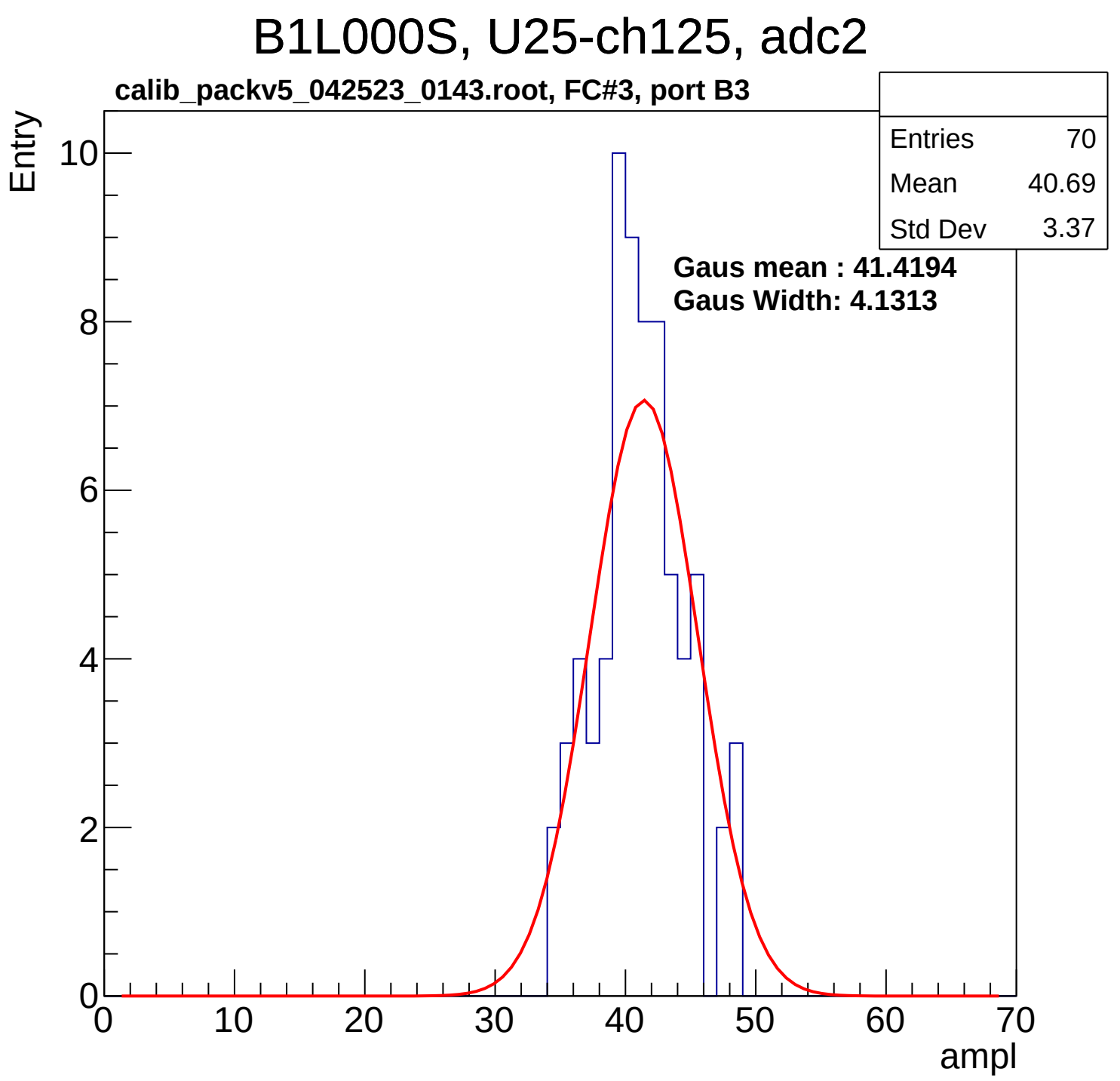

B1L000S, U25-ch124, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 60
Mean 57.93
Std Dev 2.455
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

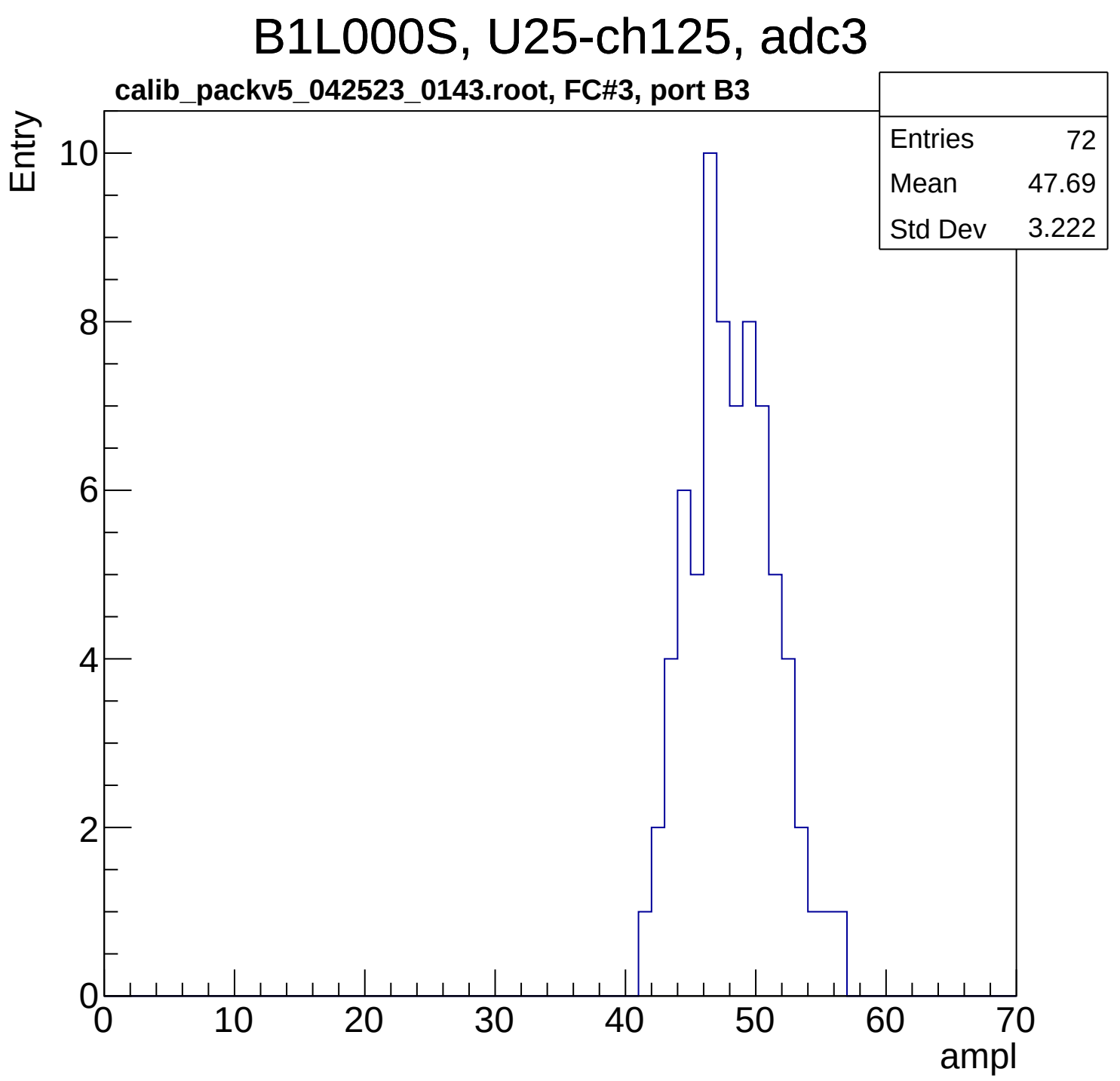

B1L000S, U25-ch124, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 27
Mean 59.22
Std Dev 11.7
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

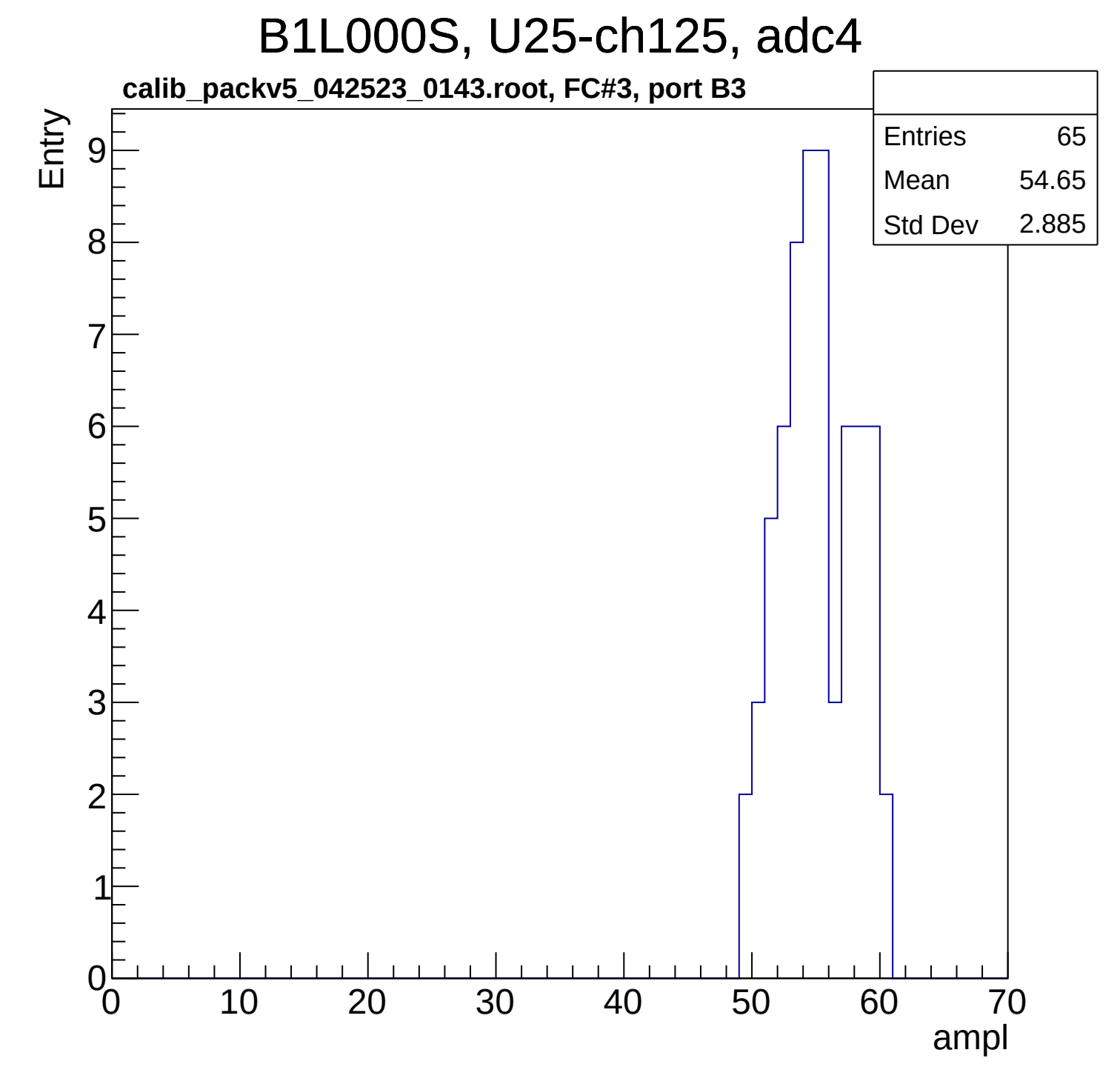

B1L000S, U25-ch124, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch125, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 28.1
Std Dev 3.177
Gaus mean : 28.6256
Gaus Width: 3.5256
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch125, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 56
Mean 34.57
Std Dev 3.104
Gaus mean : 35.1528
Gaus Width: 3.3230
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U25-ch125, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 70
Mean 40.69
Std Dev 3.37
Gaus mean : 41.4194
Gaus Width: 4.1313
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch125, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 72
Mean 47.69
Std Dev 3.222
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L000S, U25-ch125, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 65
Mean 54.65
Std Dev 2.885
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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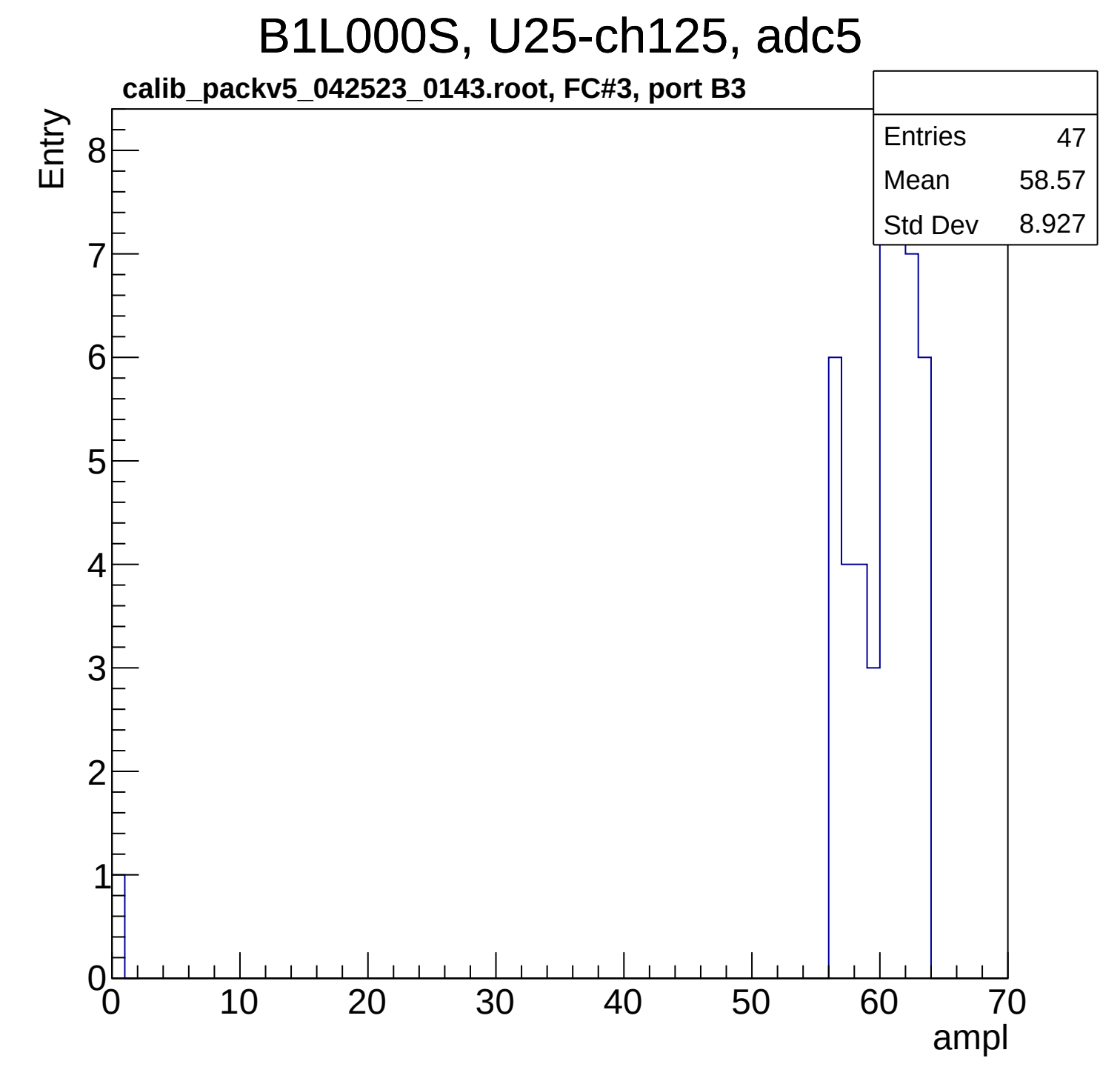
B1L000S, U25-ch125, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 58.57
Std Dev 8.927
Entry
ampl
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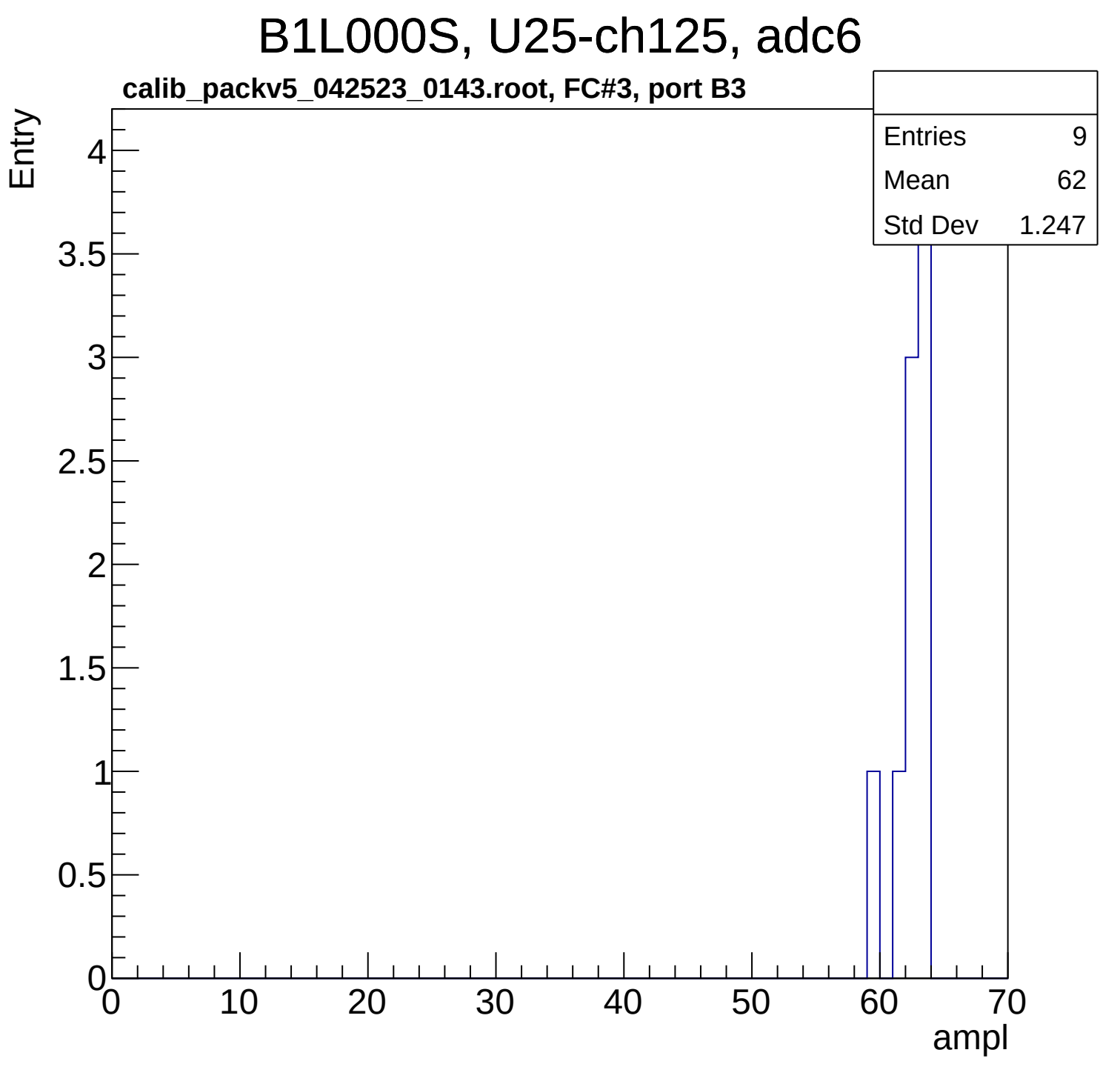
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L000S, U25-ch125, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 9
Mean 62
Std Dev 1.247
Entry
ampl
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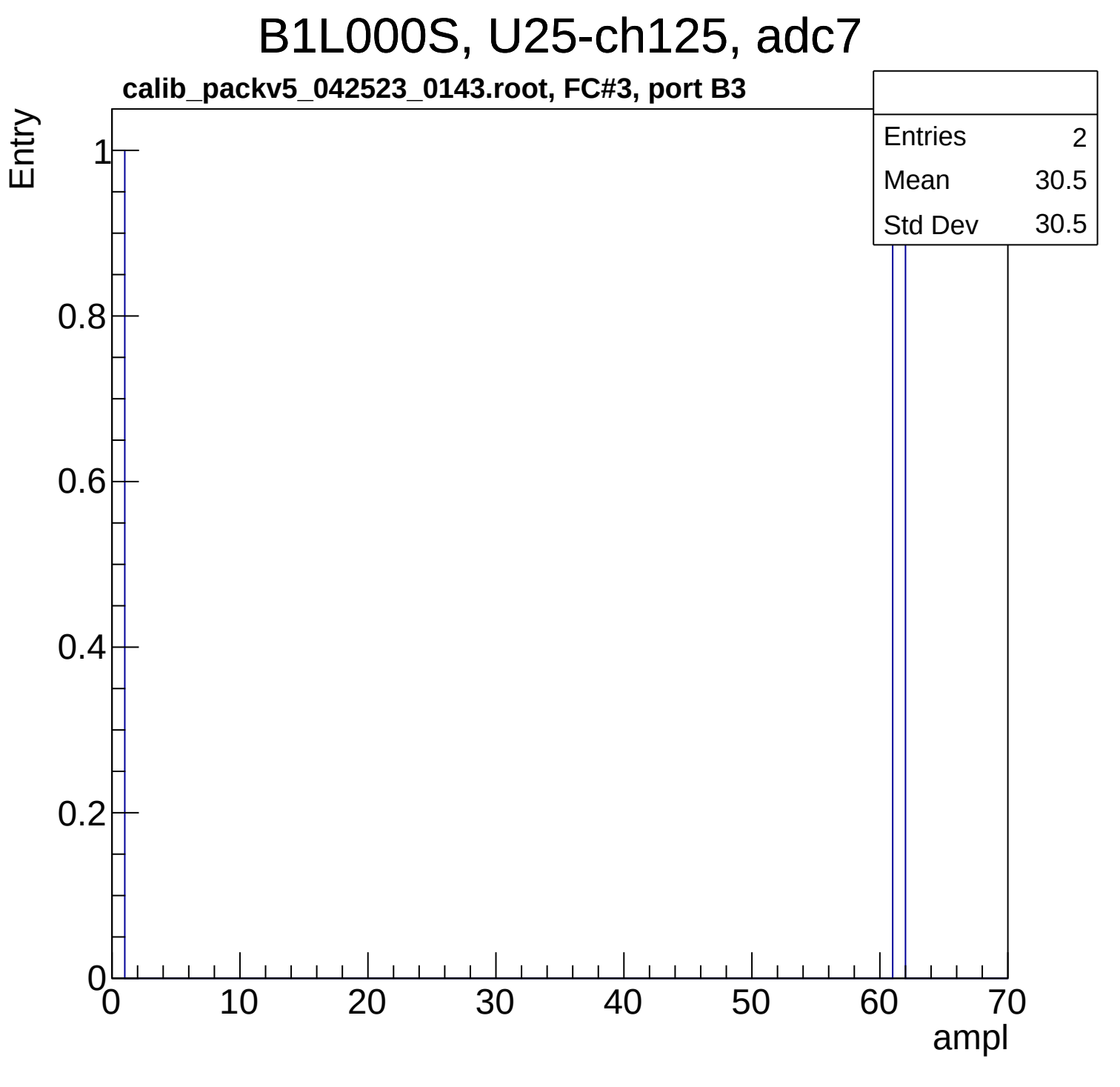
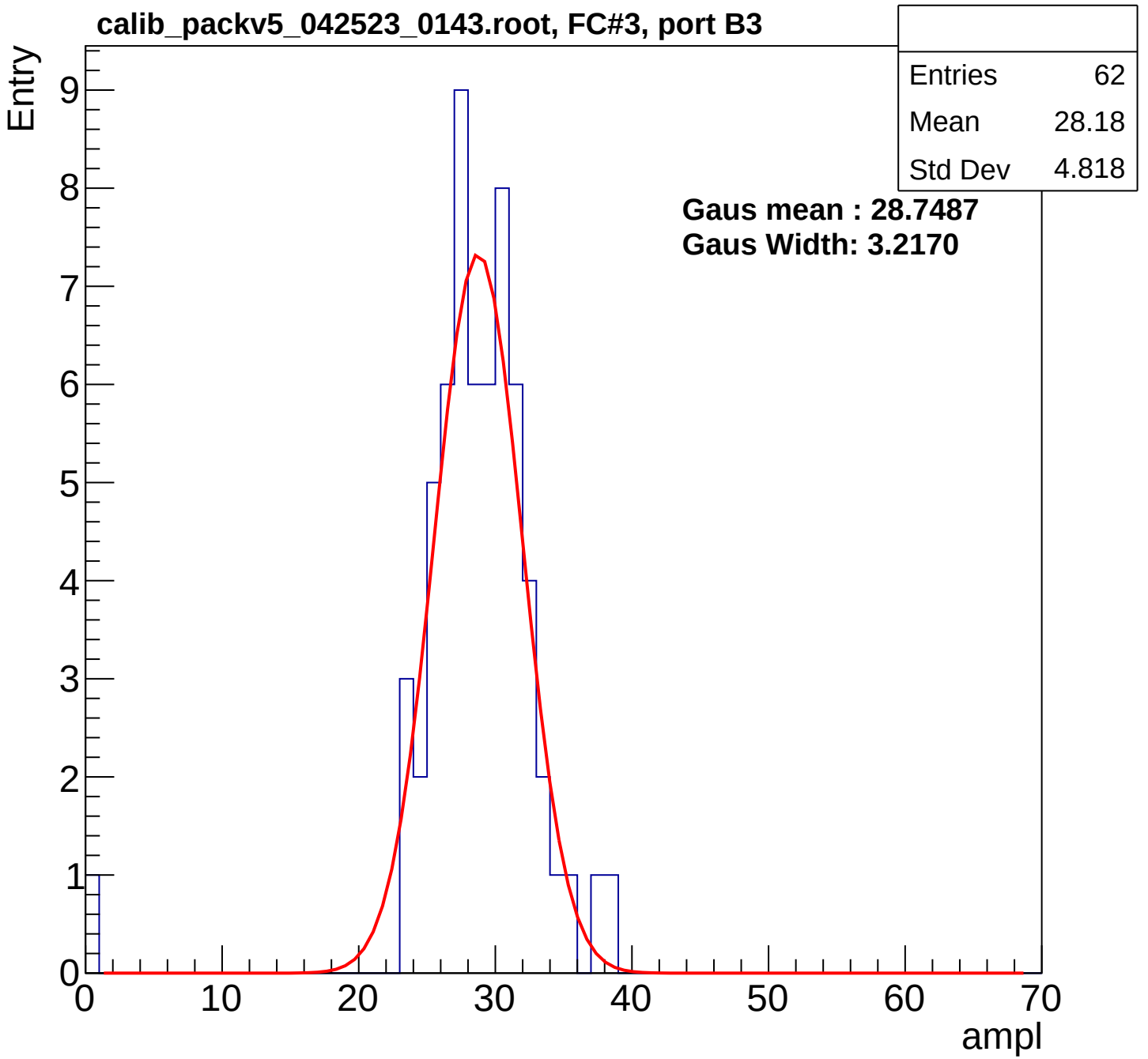
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U25-ch125, 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, U25-ch126, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 62
Mean 28.18
Std Dev 4.818
Gaus mean : 28.7487
Gaus Width: 3.2170
Entry
ampl
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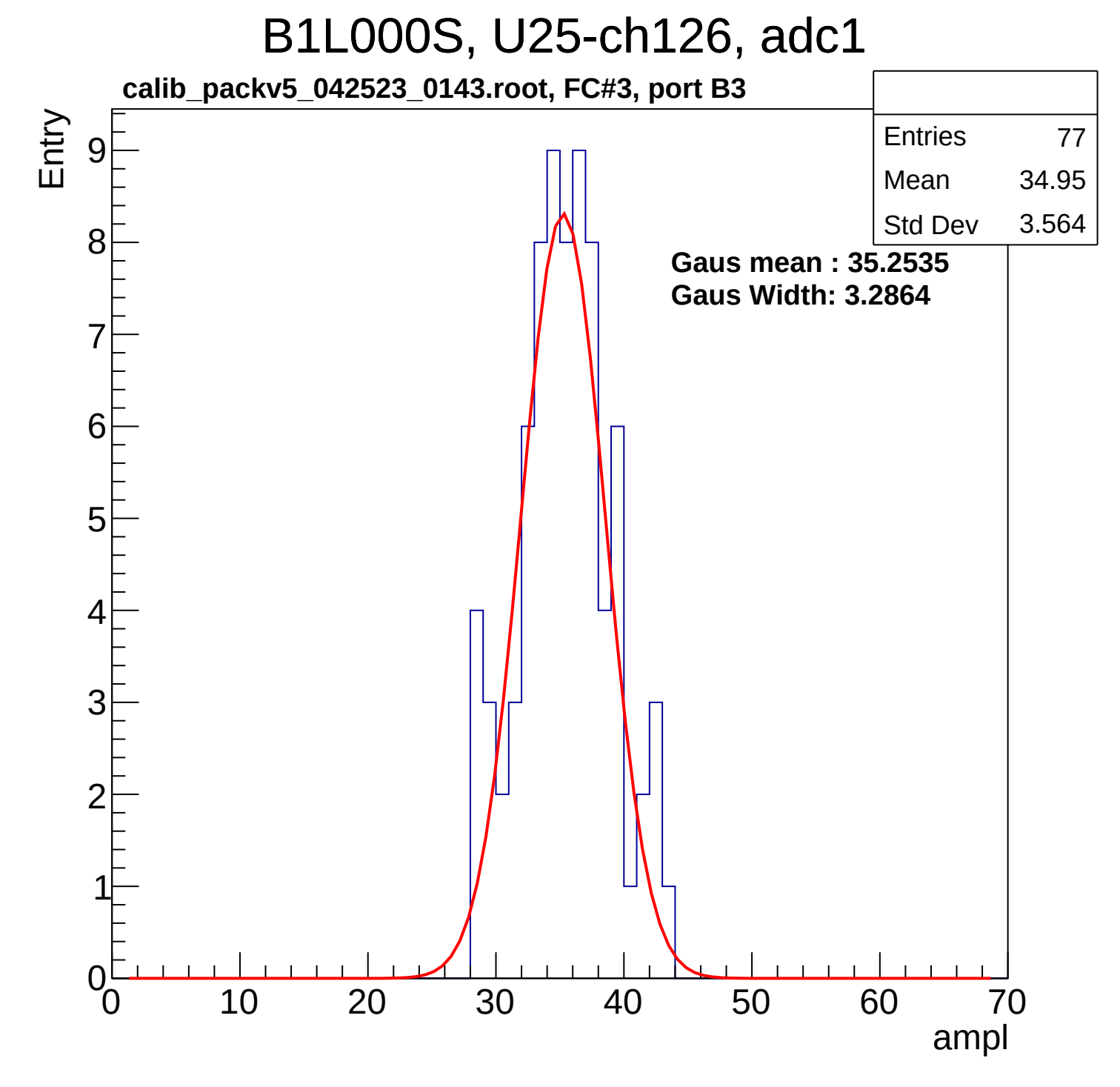
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch126, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 77
Mean 34.95
Std Dev 3.564
Gaus mean : 35.2535
Gaus Width: 3.2864
Entry
ampl
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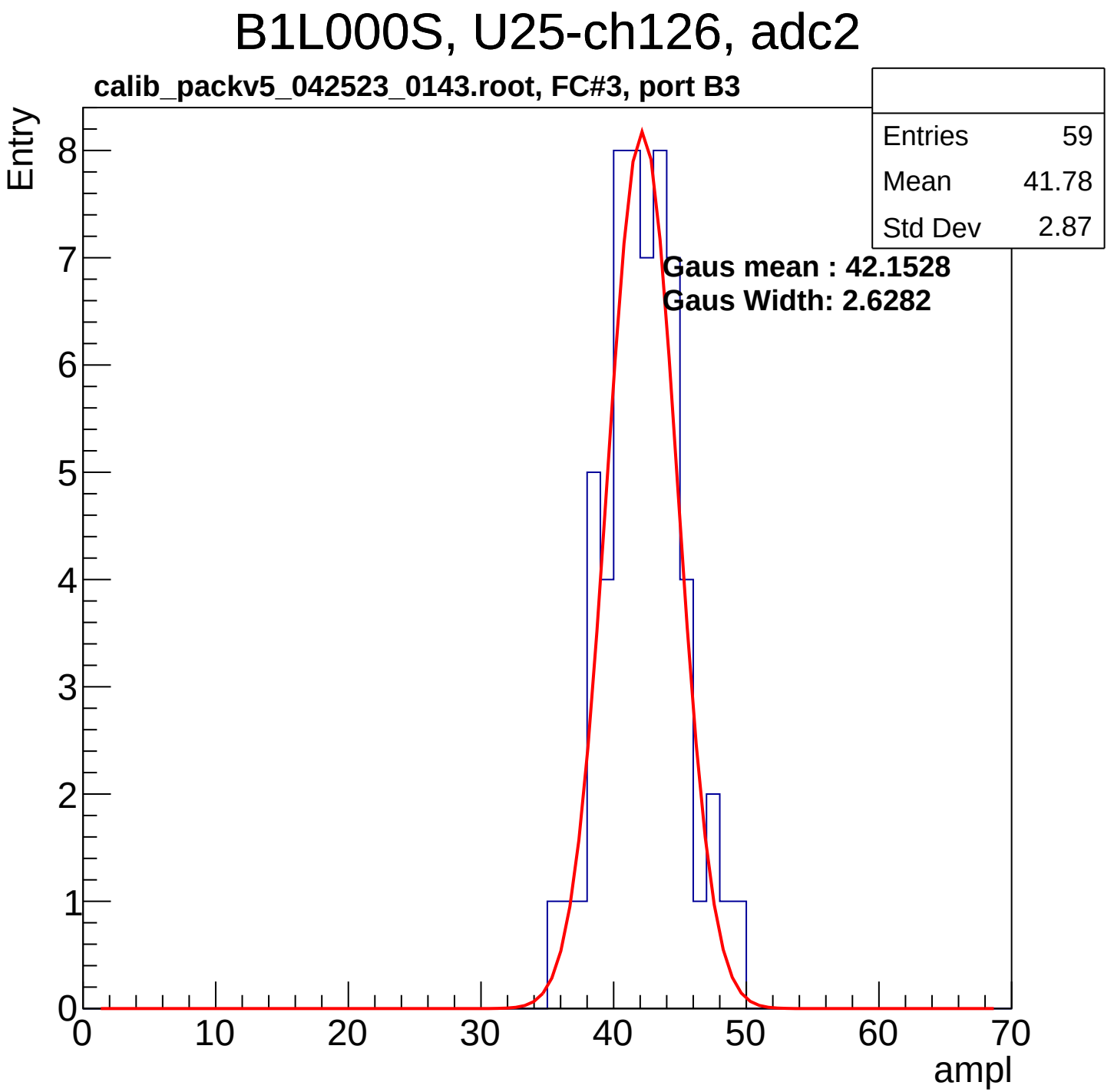
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U25-ch126, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 41.78
Std Dev 2.87
Gaus mean : 42.1528
Gaus Width: 2.6282
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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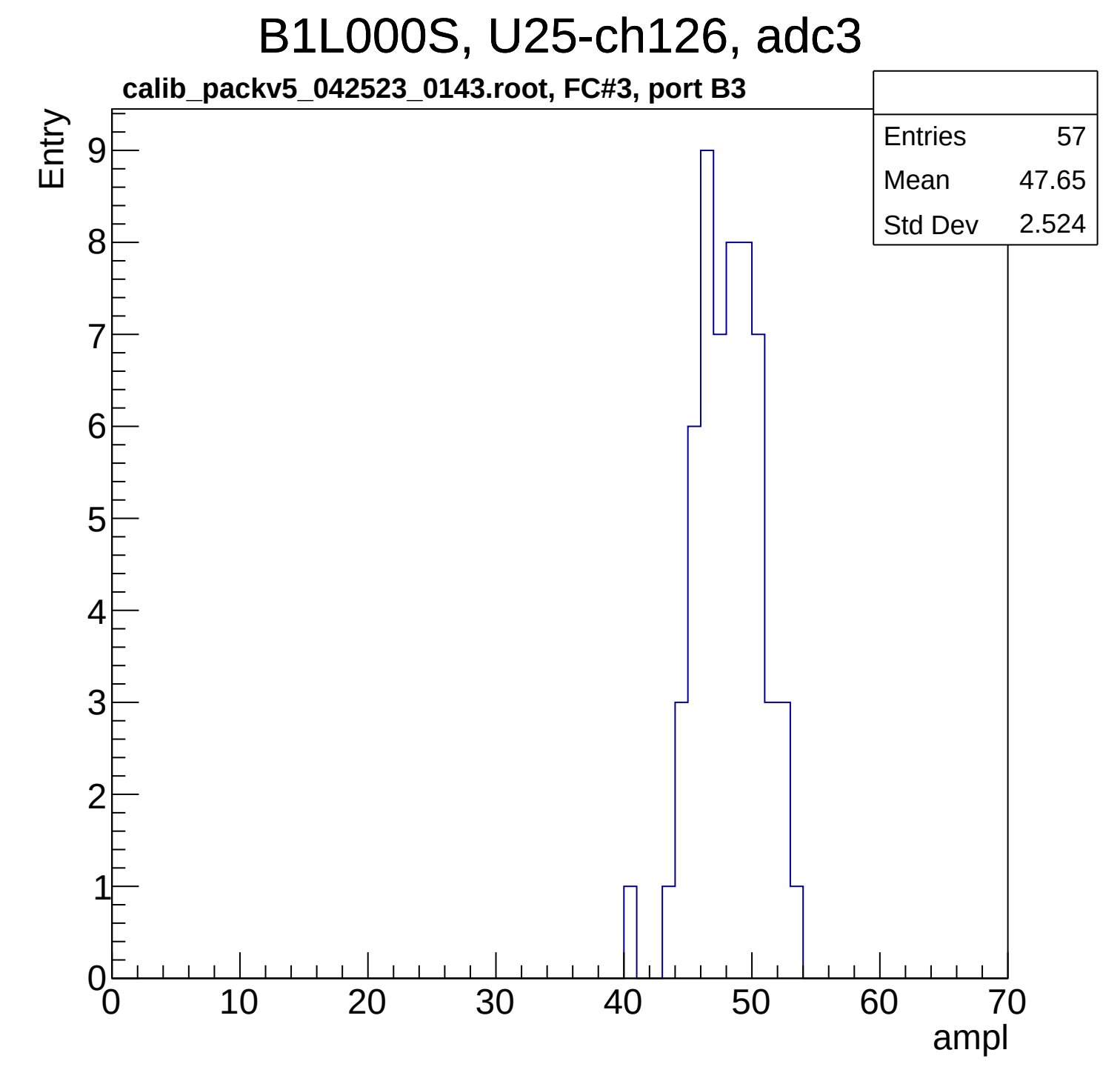
B1L000S, U25-ch126, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 57
Mean 47.65
Std Dev 2.524
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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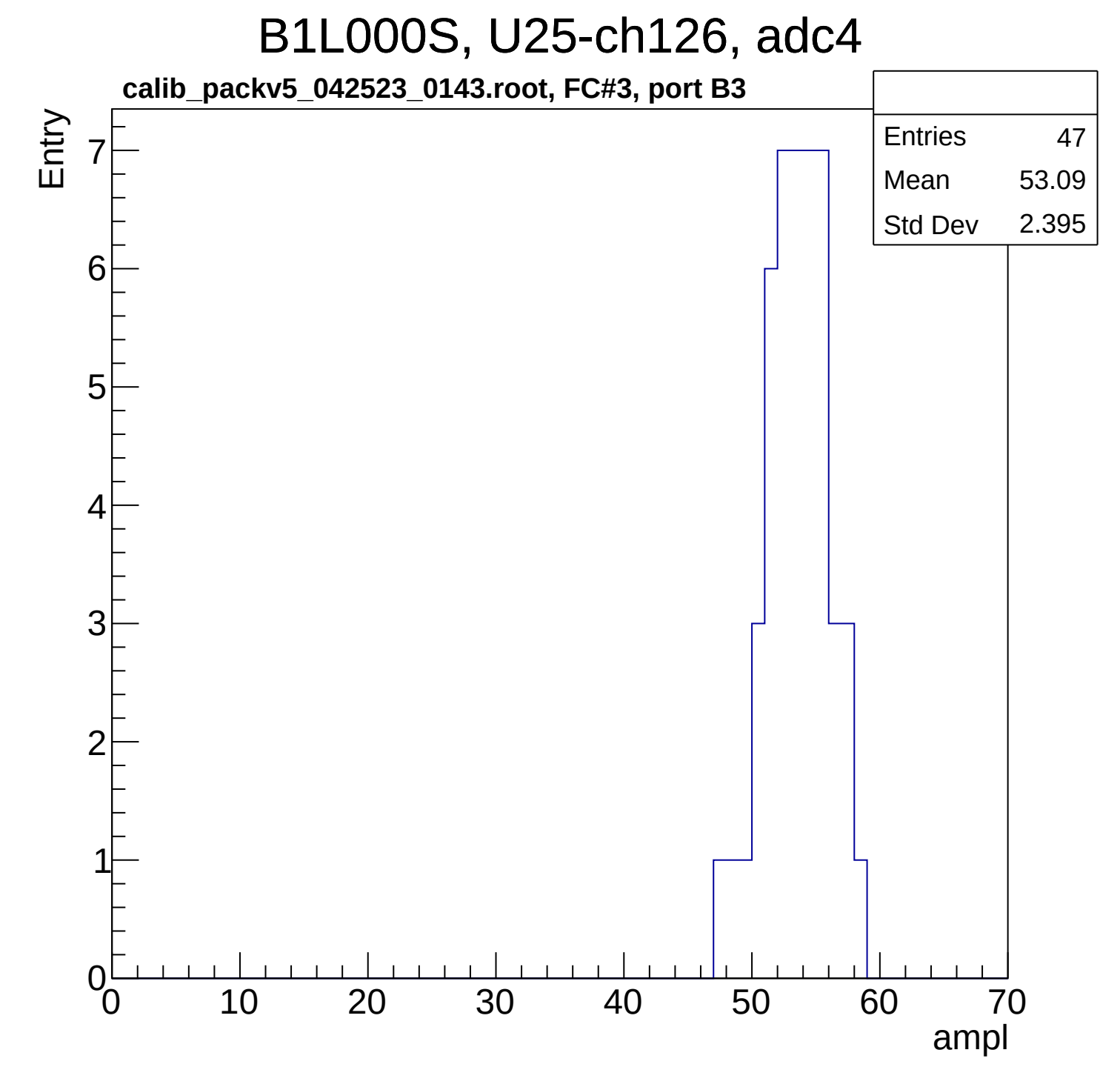
40
50
60
70


B1L000S, U25-ch126, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 47
Mean 53.09
Std Dev 2.395
Entry
ampl
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1
2
3
4
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7
0
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50
60
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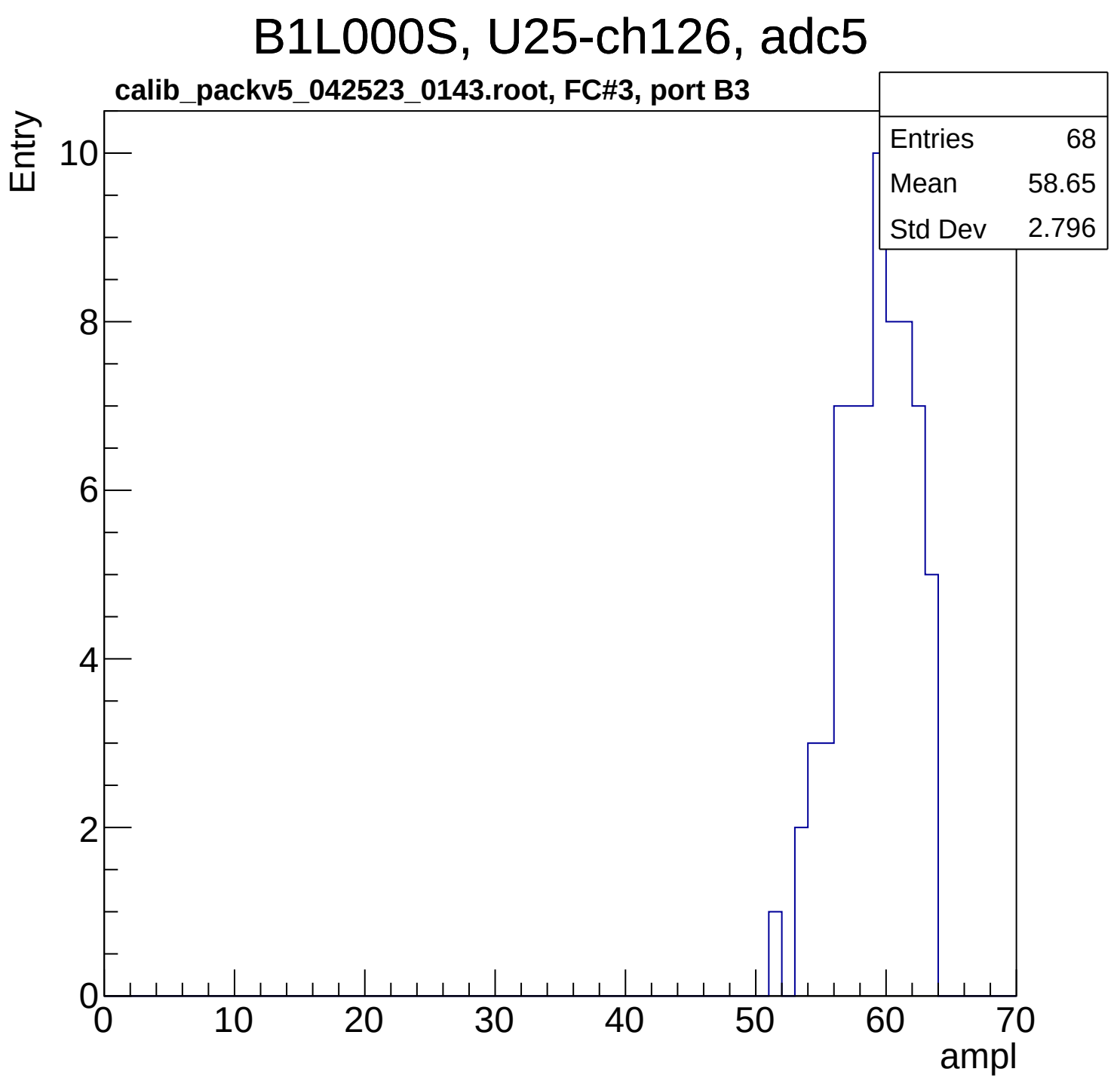
B1L000S, U25-ch126, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 68
Mean 58.65
Std Dev 2.796
Entry
ampl
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2
4
6
8
10
0
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20
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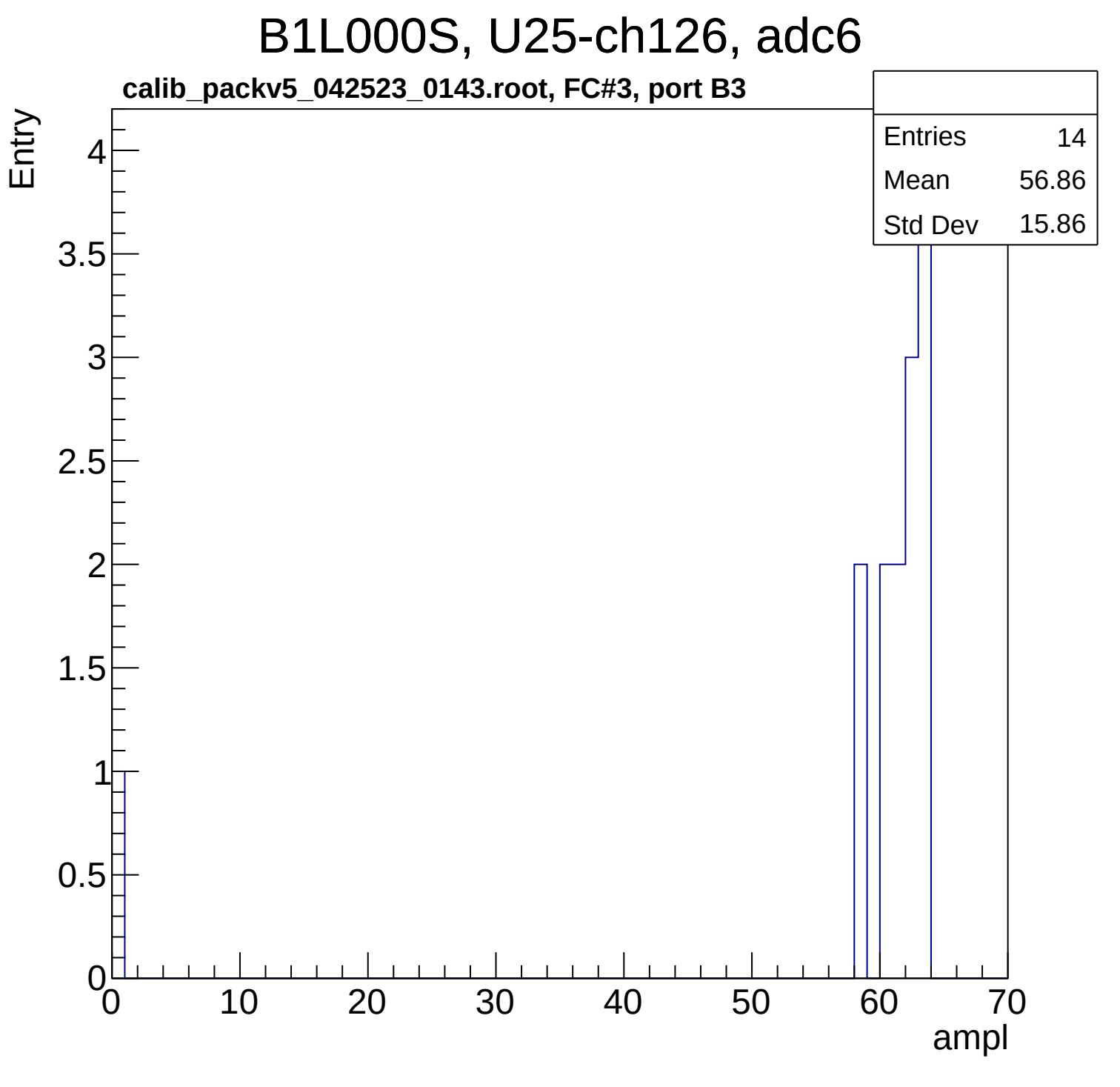
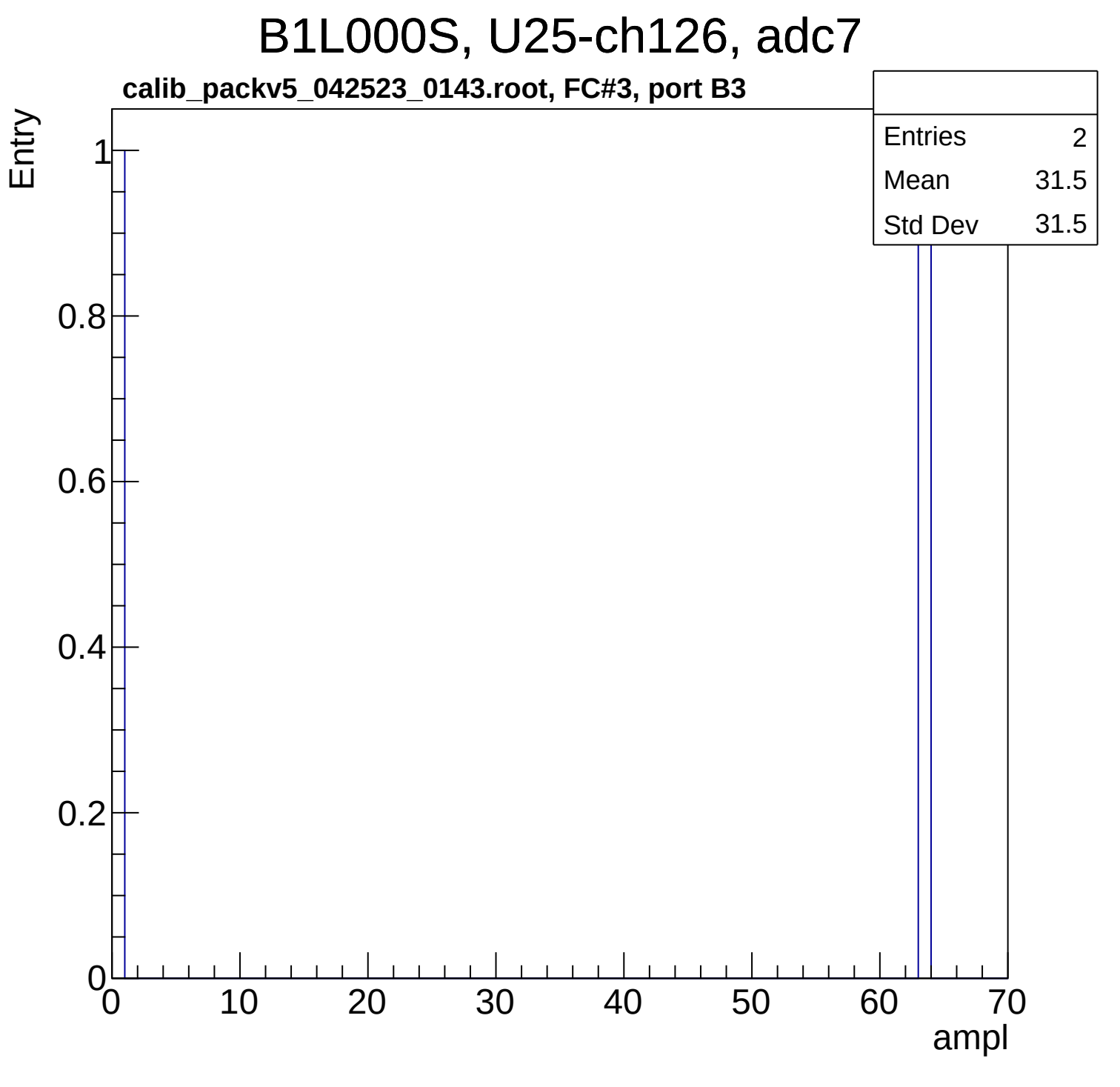
40
50
60
70


B1L000S, U25-ch126, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 56.86
Std Dev 15.86
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L000S, U25-ch126, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 31.5
Std Dev 31.5
Entry
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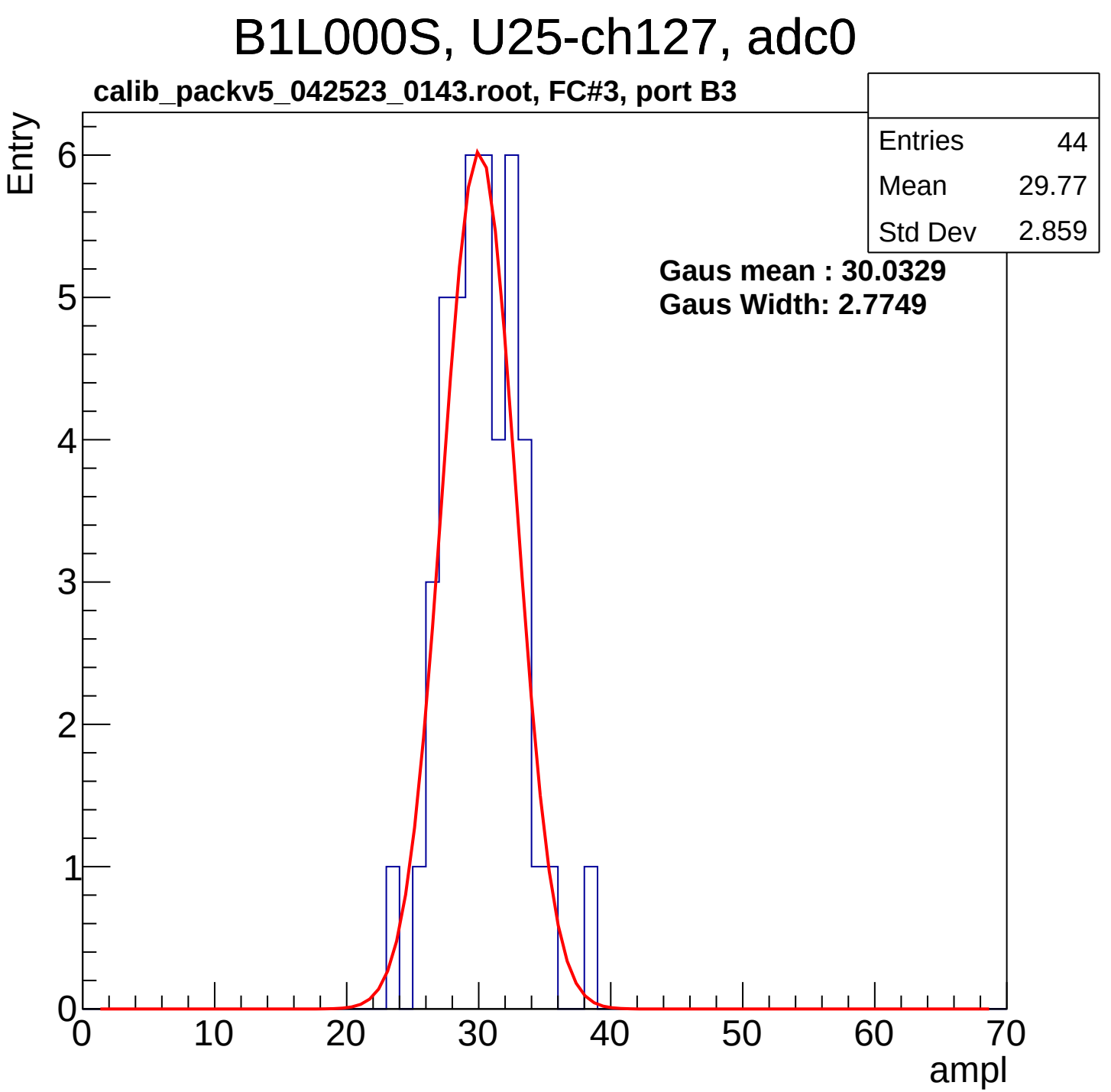
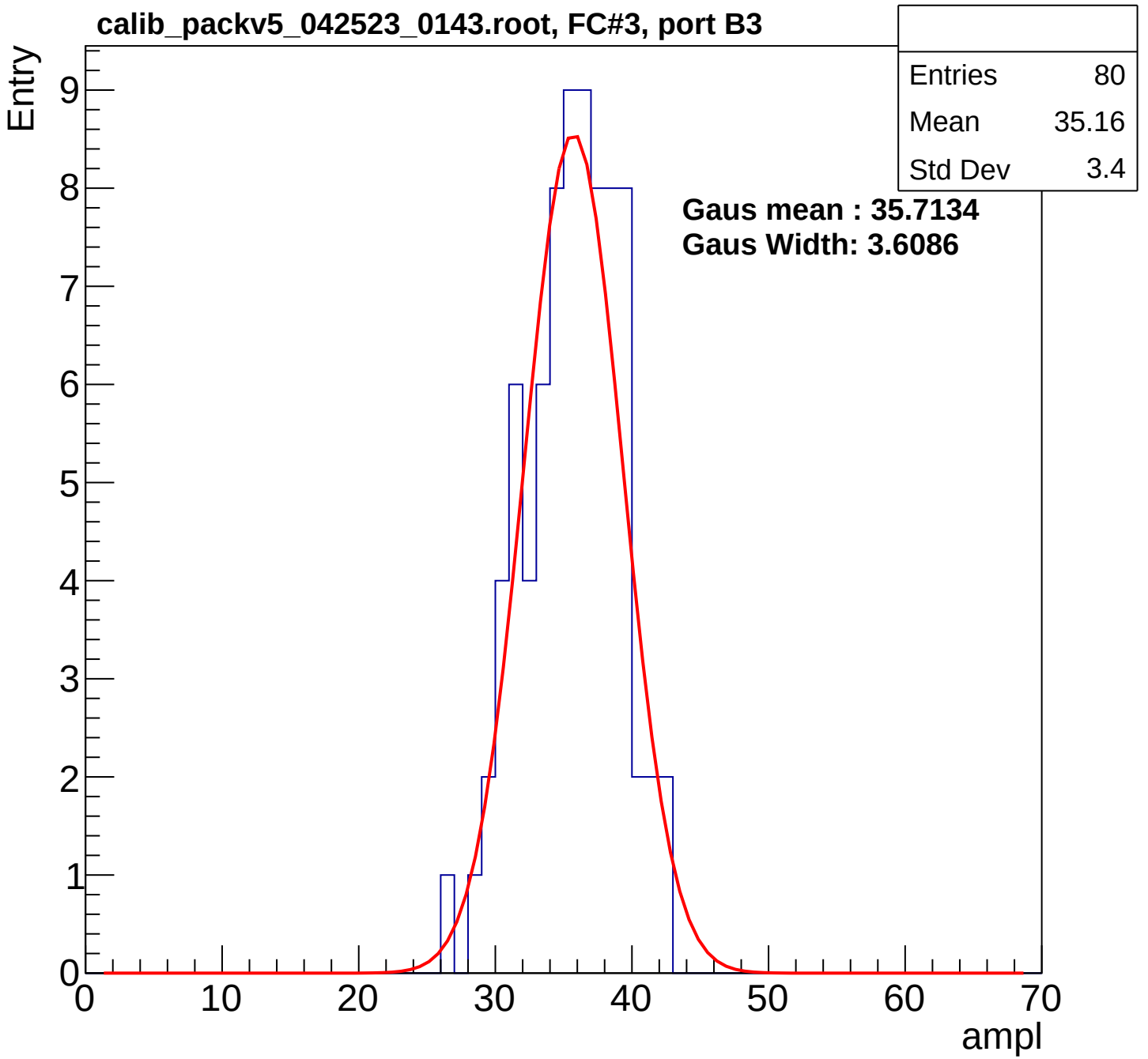
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch127, adc0
calib_packv5_042523_0143.root, FC#3, port B3
Entries 44
Mean 29.77
Std Dev 2.859
Gaus mean : 30.0329
Gaus Width: 2.7749
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L000S, U25-ch127, adc1
calib_packv5_042523_0143.root, FC#3, port B3
Entries 80
Mean 35.16
Std Dev 3.4
Gaus mean : 35.7134
Gaus Width: 3.6086
Entry
ampl
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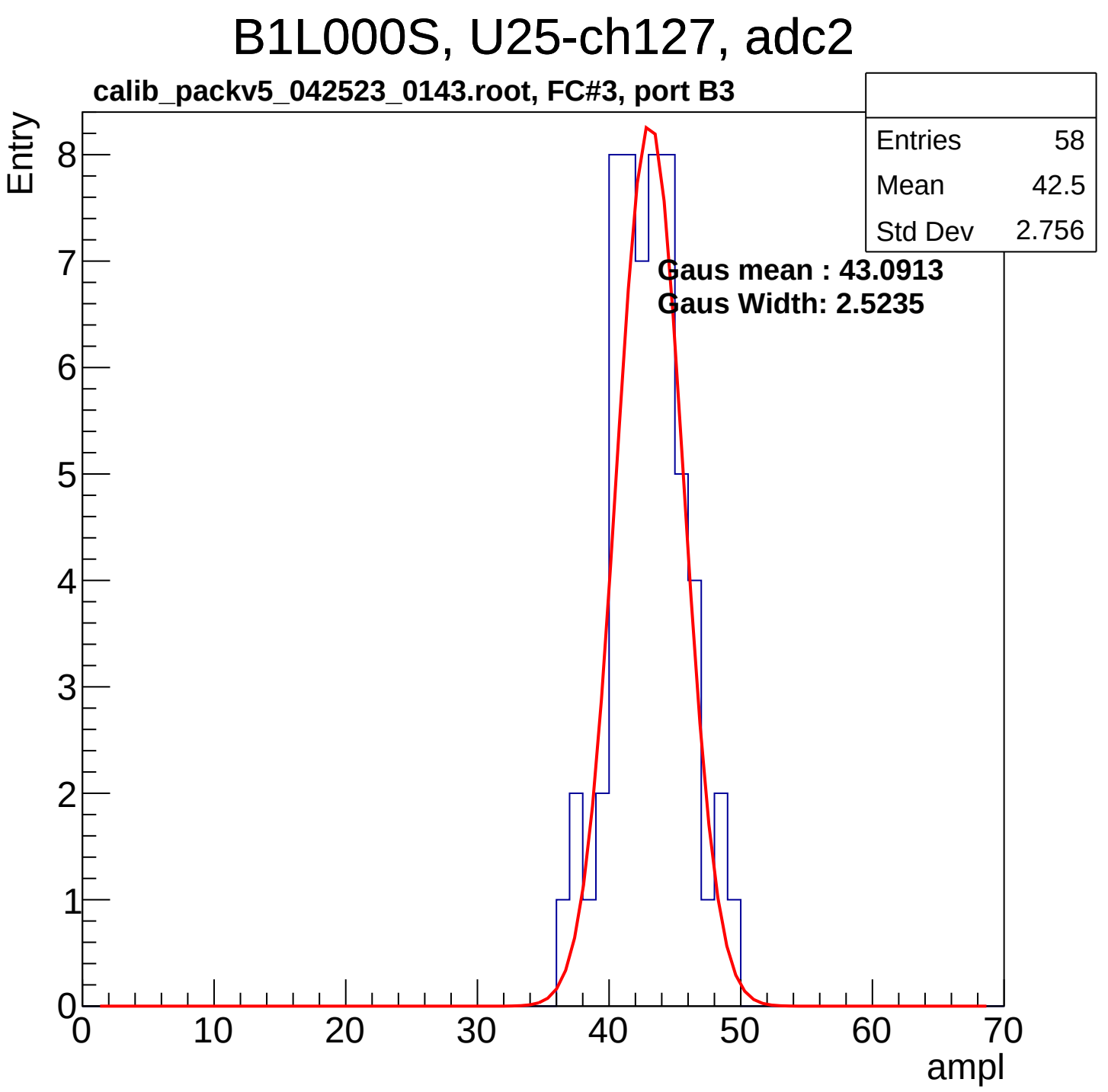
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L000S, U25-ch127, adc2
calib_packv5_042523_0143.root, FC#3, port B3
Entries 58
Mean 42.5
Std Dev 2.756
Gaus mean : 43.0913
Gaus Width: 2.5235
Entry
ampl
0
1
2
3
4
5
6
7
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0
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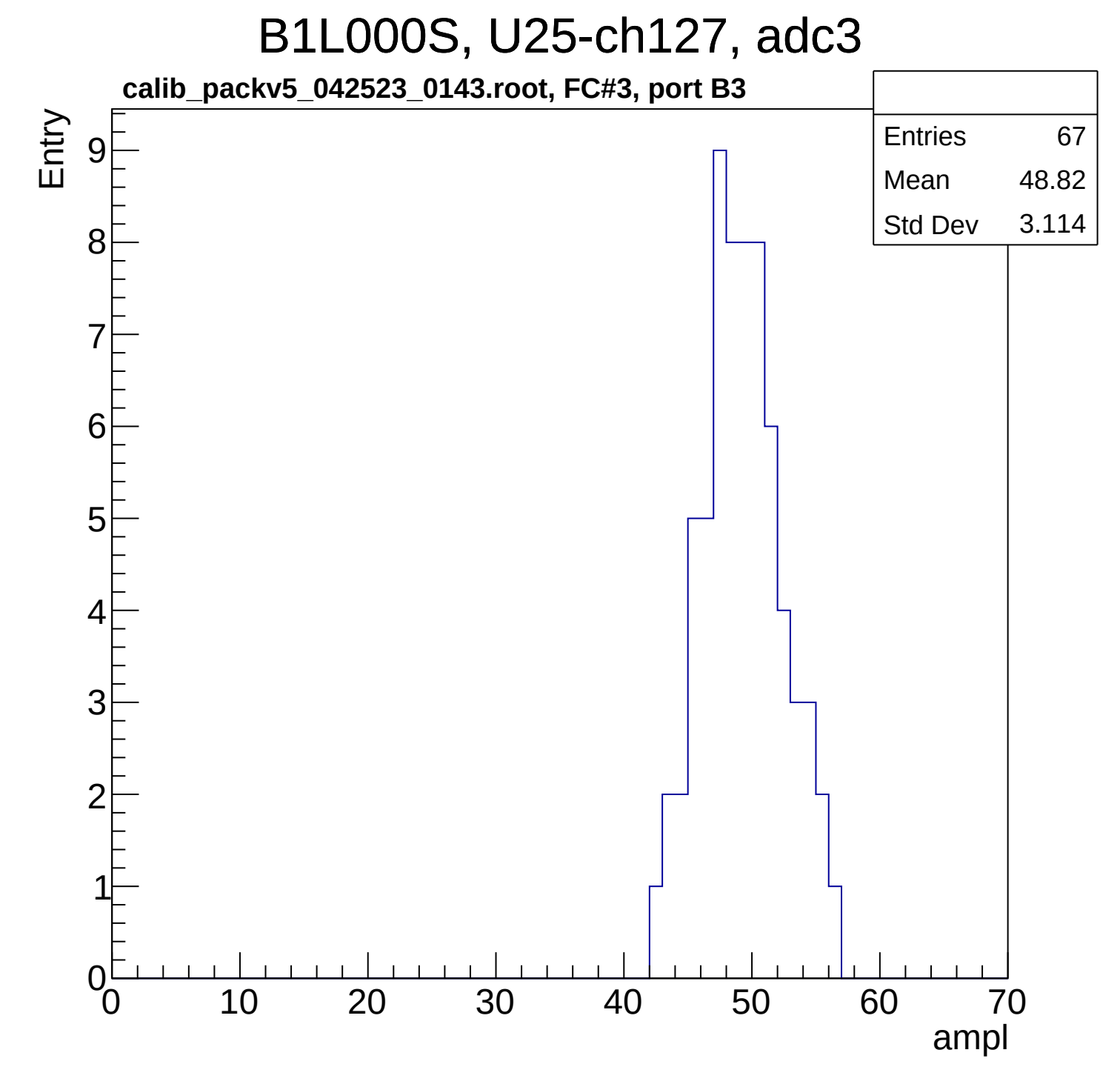
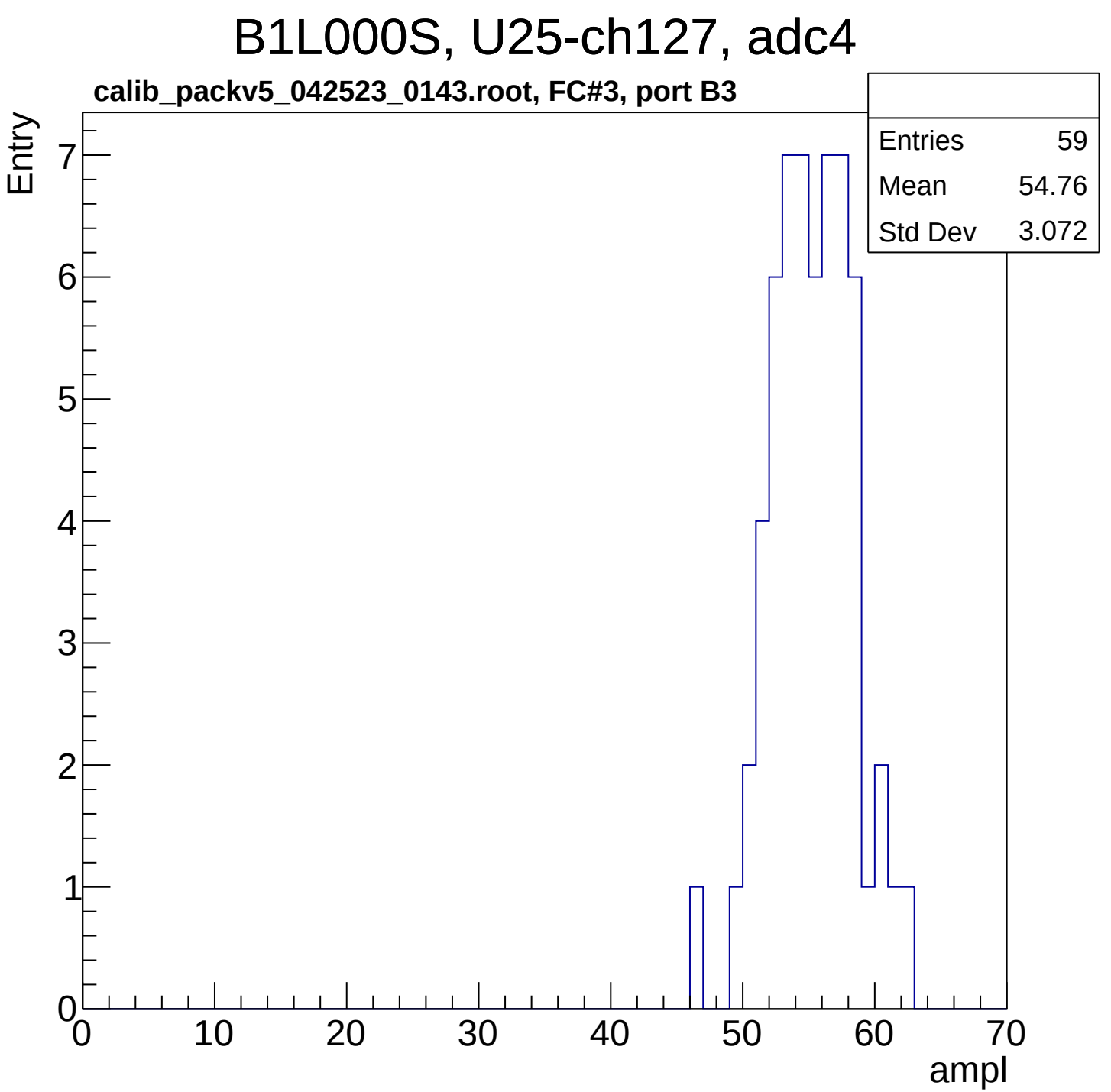
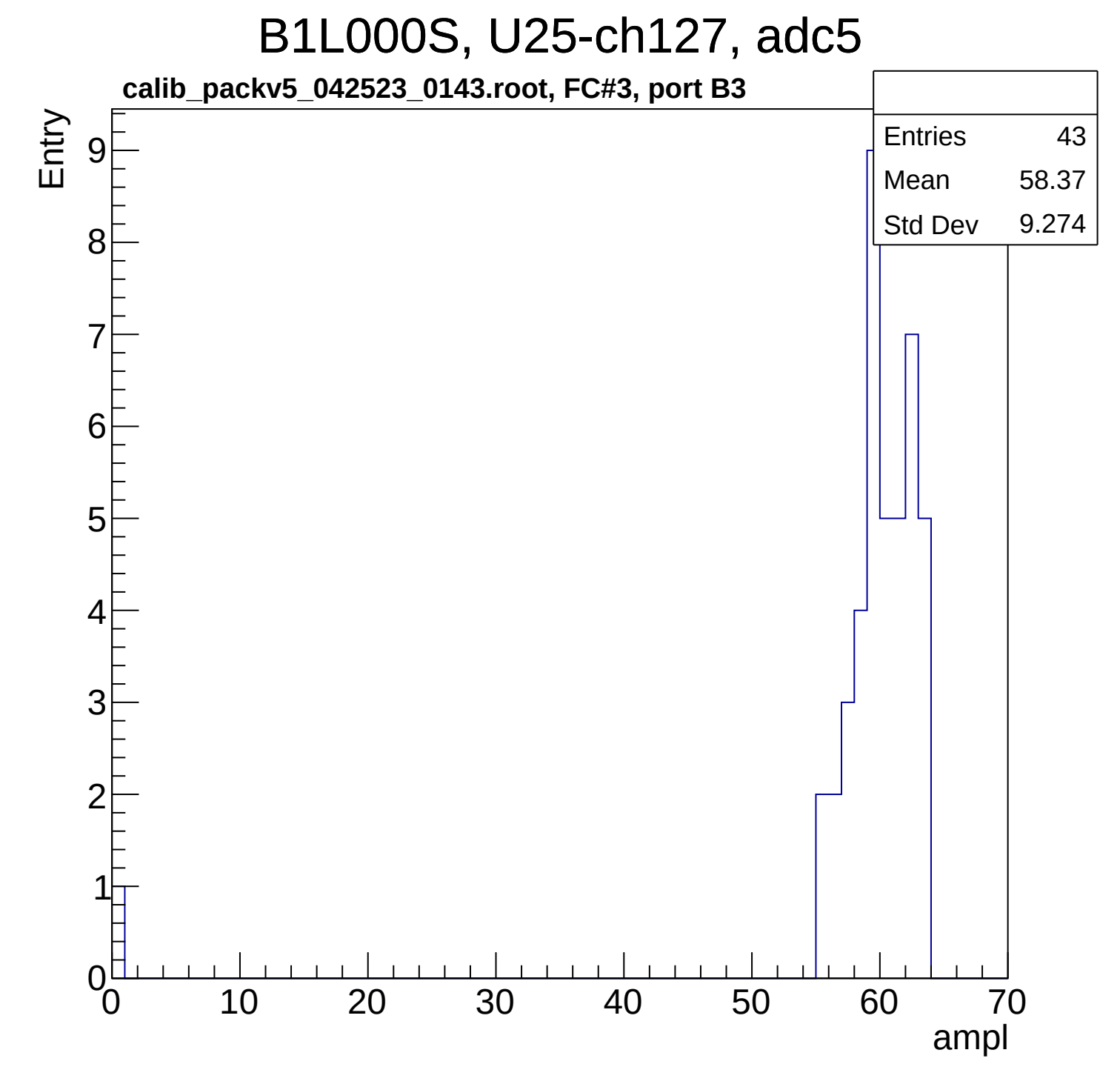
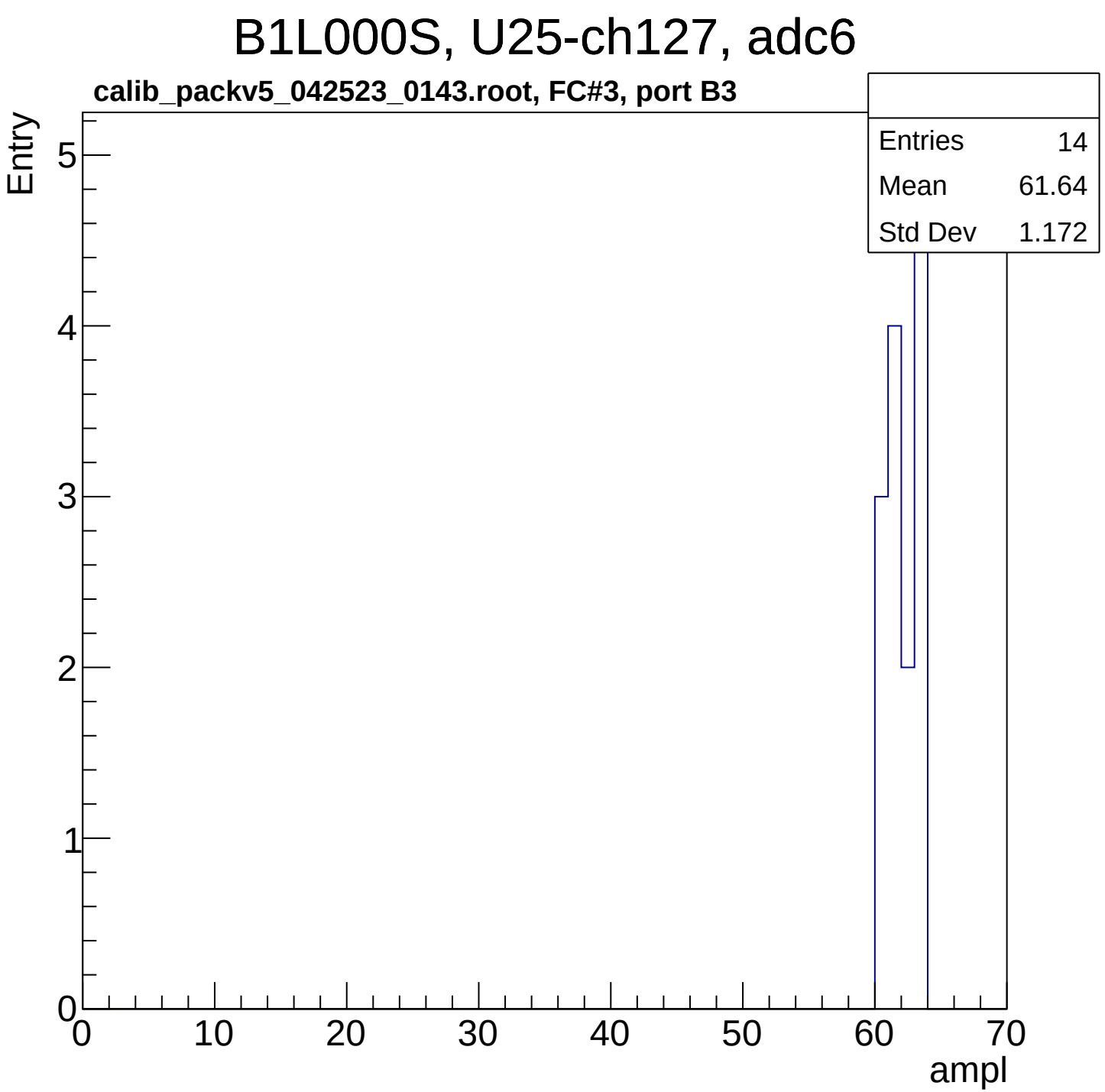
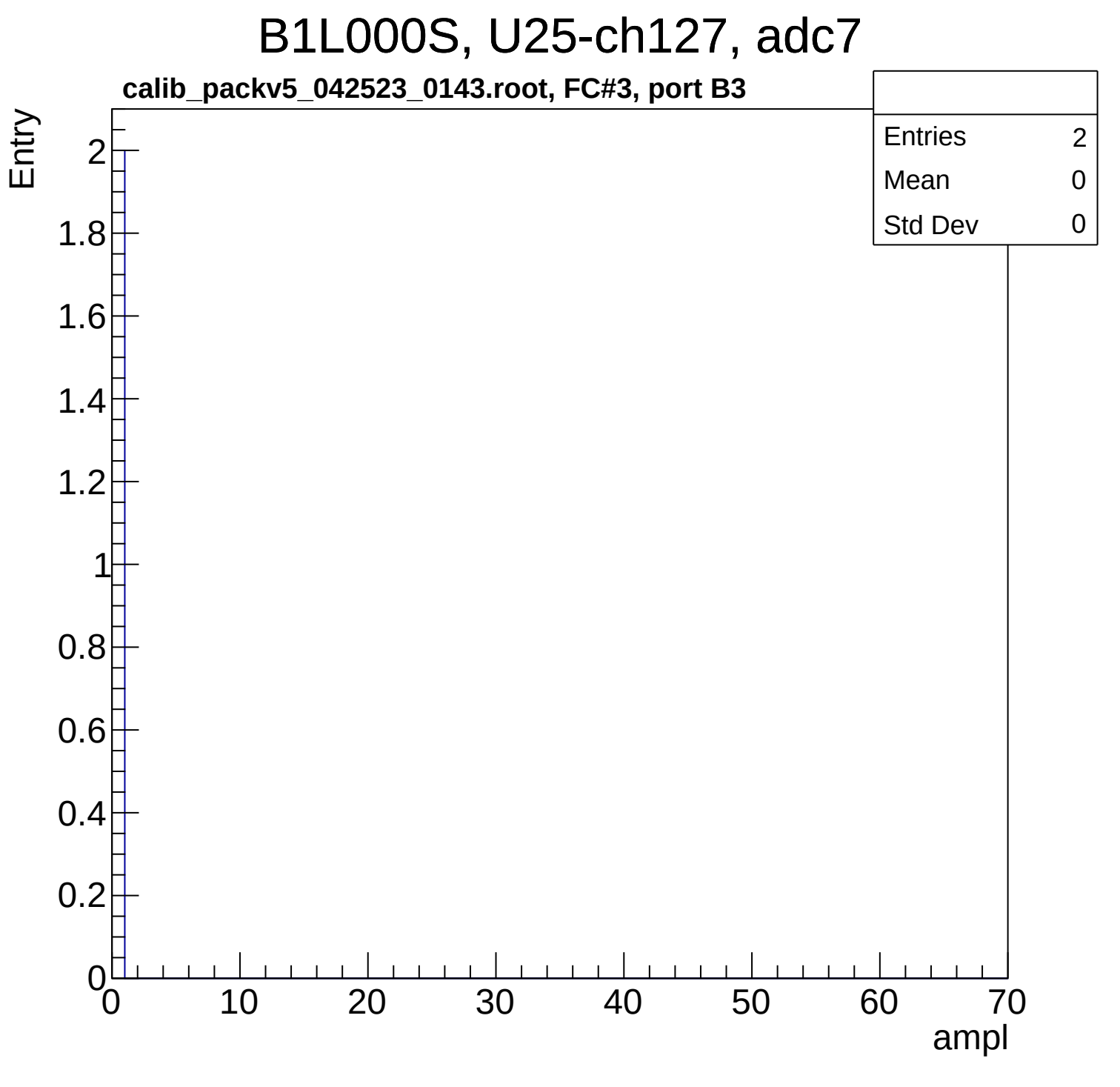
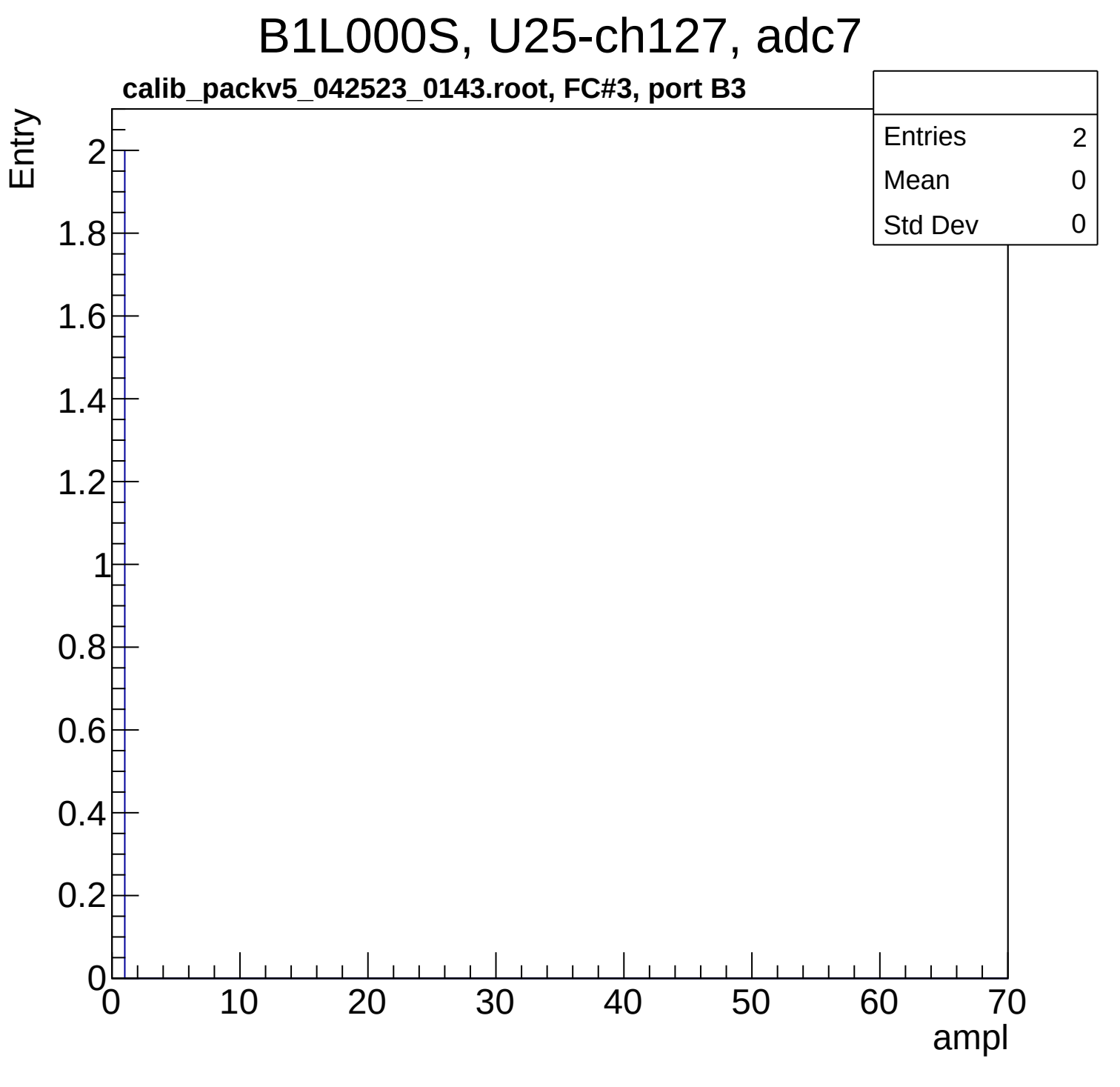

B1L000S, U25-ch127, adc3
calib_packv5_042523_0143.root, FC#3, port B3
Entries 67
Mean 48.82
Std Dev 3.114
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch127, adc4
calib_packv5_042523_0143.root, FC#3, port B3
Entries 59
Mean 54.76
Std Dev 3.072
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L000S, U25-ch127, adc5
calib_packv5_042523_0143.root, FC#3, port B3
Entries 43
Mean 58.37
Std Dev 9.274
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L000S, U25-ch127, adc6
calib_packv5_042523_0143.root, FC#3, port B3
Entries 14
Mean 61.64
Std Dev 1.172
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch127, adc7
calib_packv5_042523_0143.root, FC#3, port B3
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L000S, U25-ch127, 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