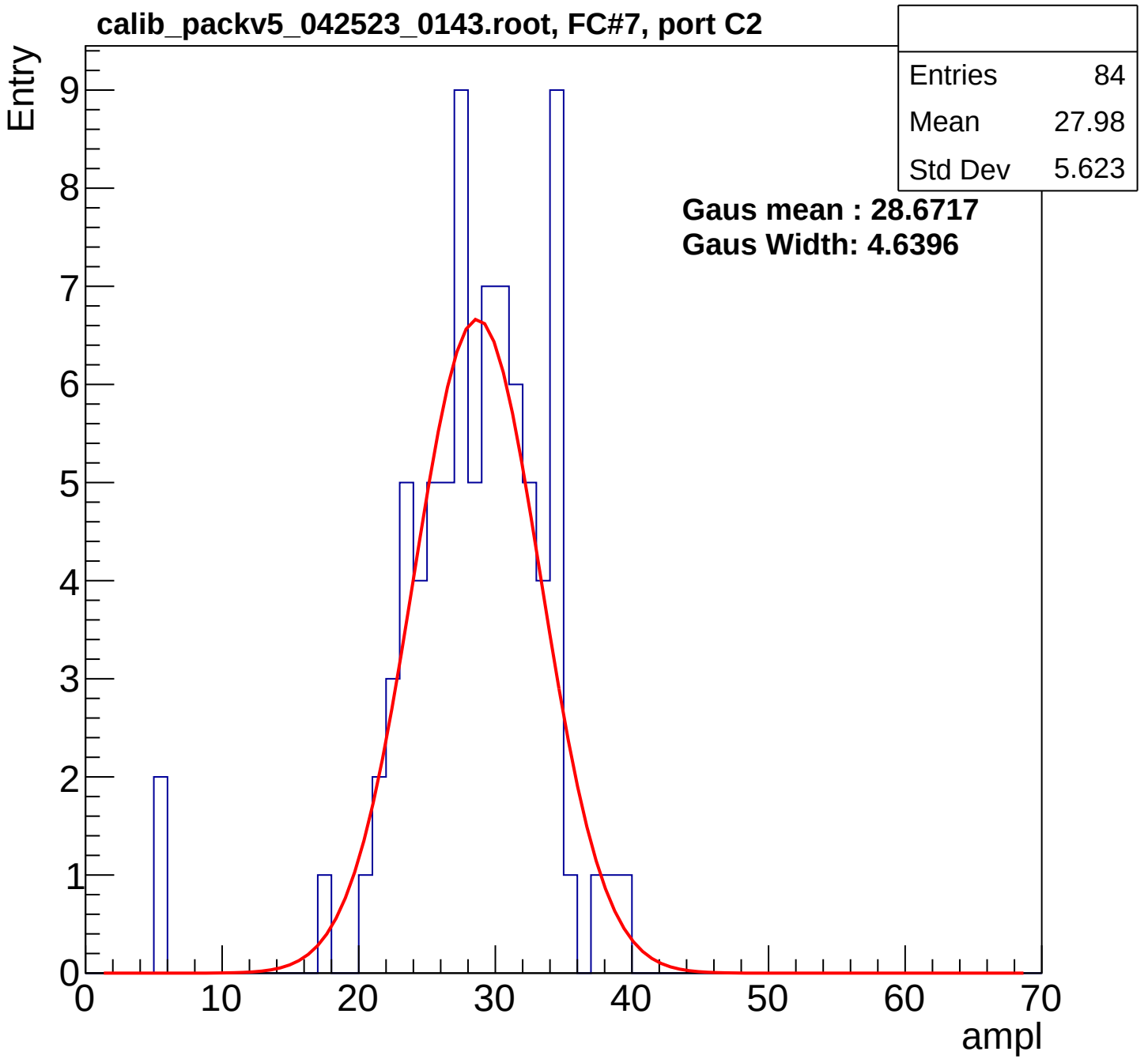
B1L103S, U11-ch0, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 84
Mean 27.98
Std Dev 5.623
Gaus mean : 28.6717
Gaus Width: 4.6396
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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60
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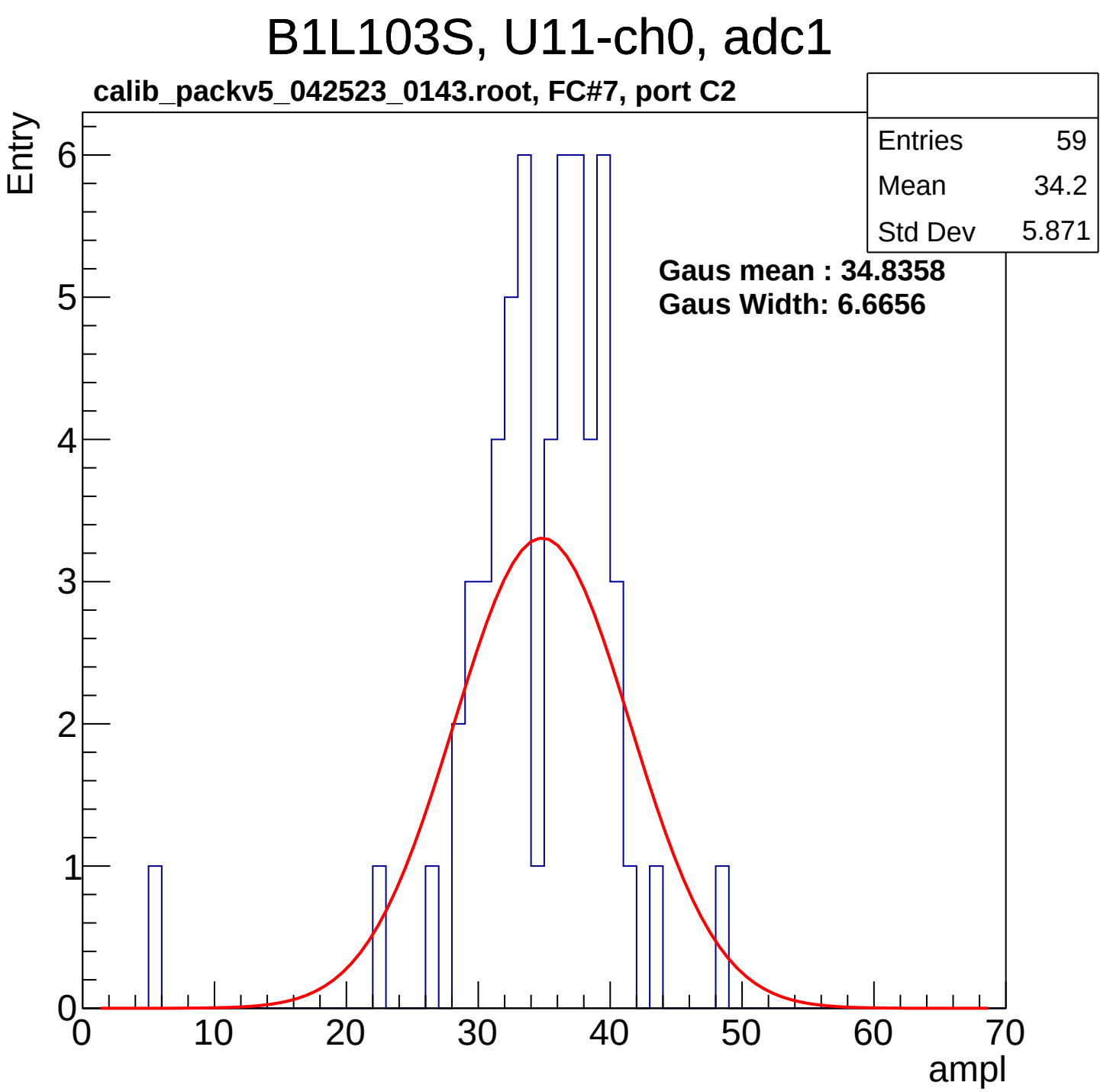
B1L103S, U11-ch0, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 34.2
Std Dev 5.871
Gaus mean : 34.8358
Gaus Width: 6.6656
Entry
ampl
0
1
2
3
4
5
6
0
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20
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40
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60
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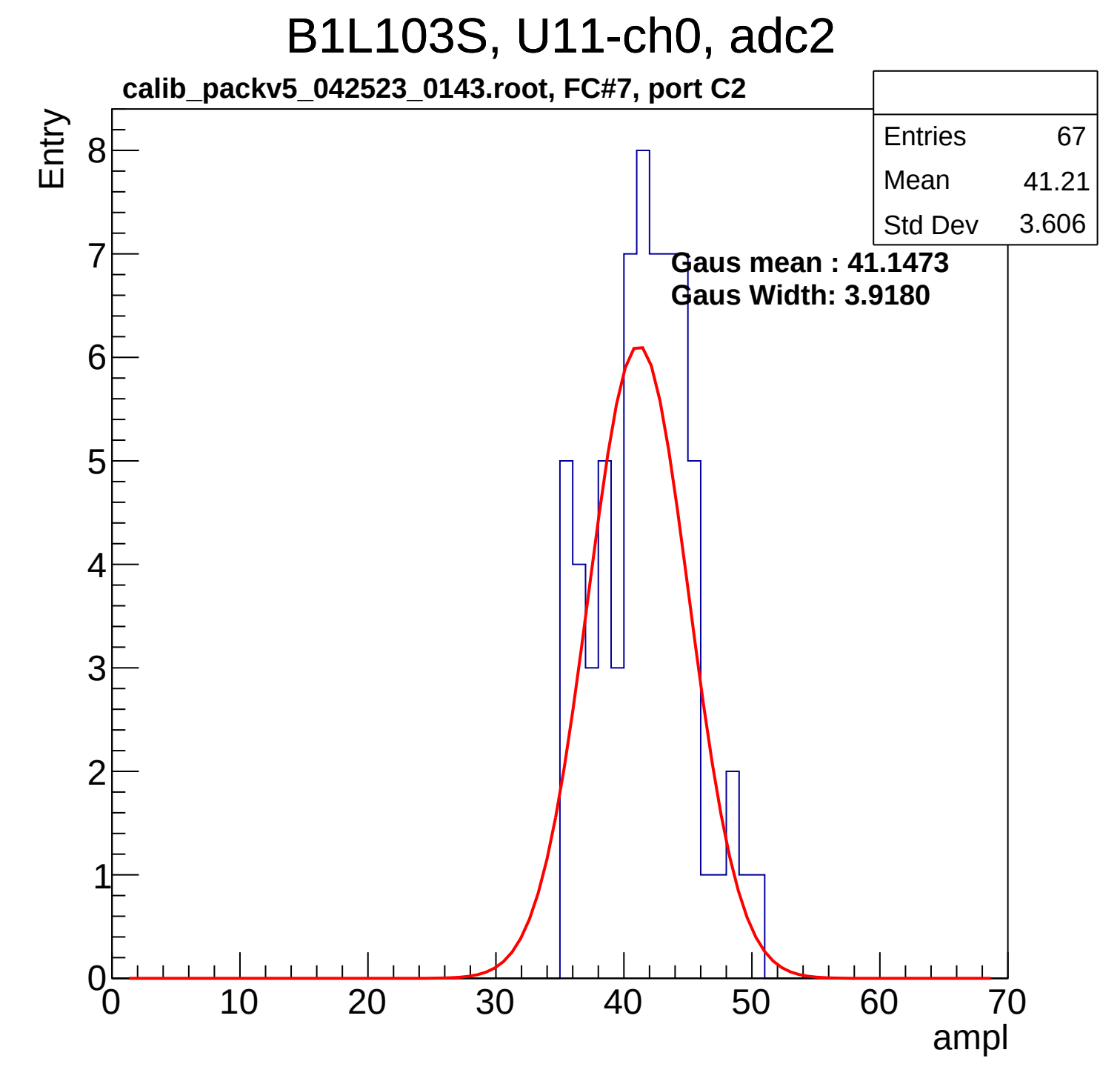
B1L103S, U11-ch0, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 41.21
Std Dev 3.606
Gaus mean : 41.1473
Gaus Width: 3.9180
Entry
ampl
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1
2
3
4
5
6
7
8
0
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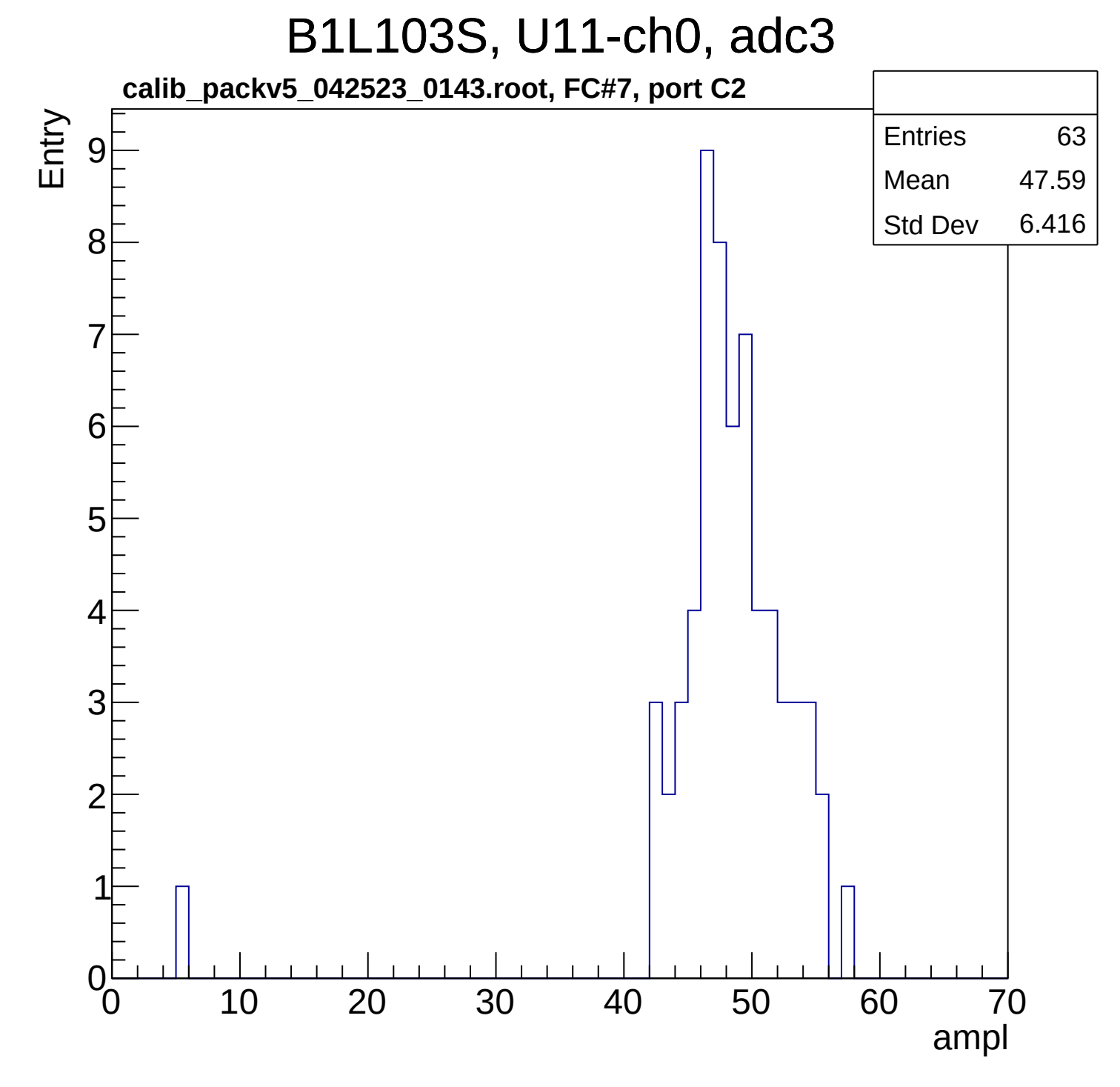
B1L103S, U11-ch0, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 47.59
Std Dev 6.416
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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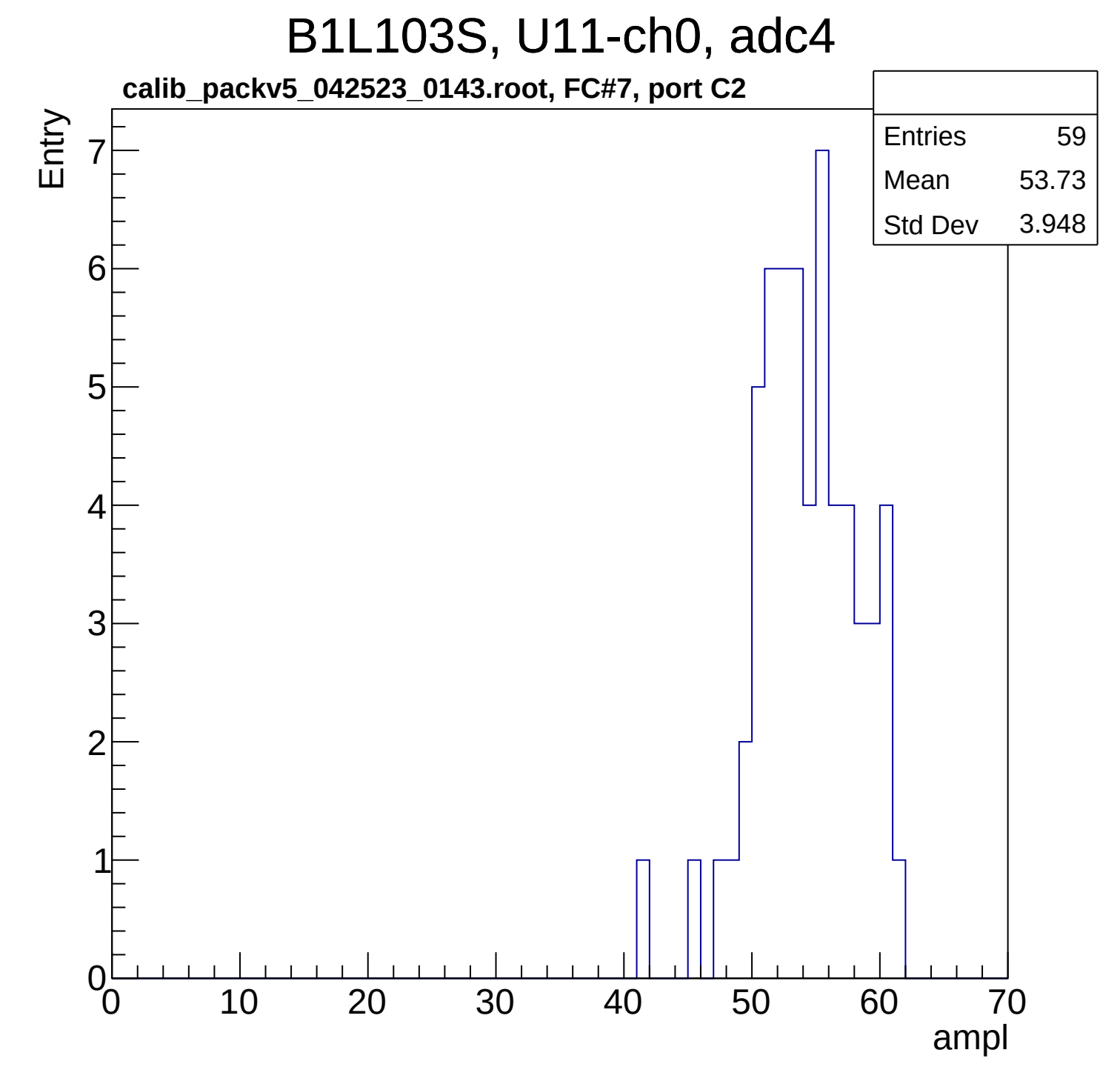
B1L103S, U11-ch0, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 53.73
Std Dev 3.948
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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60
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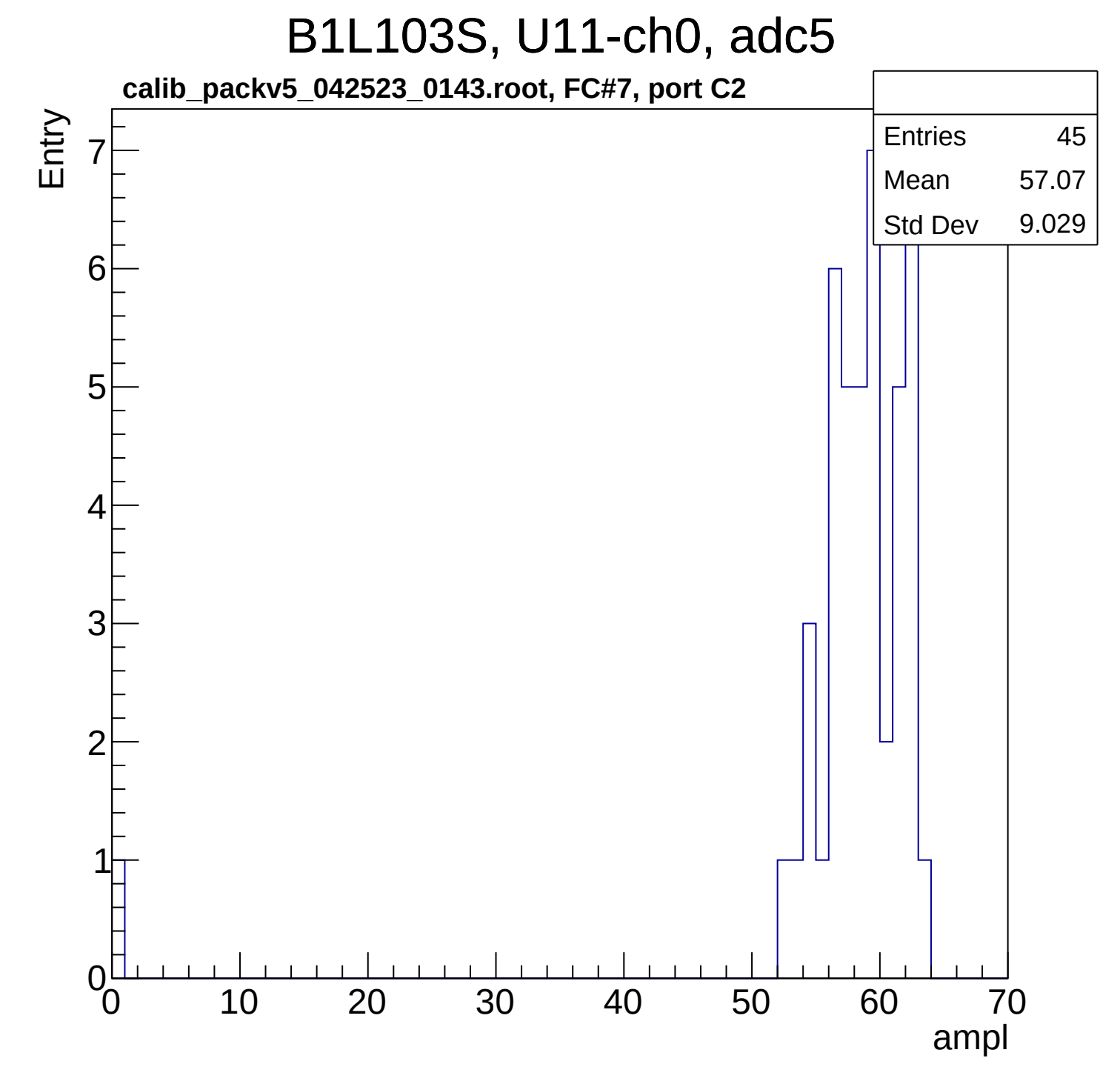
B1L103S, U11-ch0, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 45
Mean 57.07
Std Dev 9.029
Entry
ampl
0
1
2
3
4
5
6
7
0
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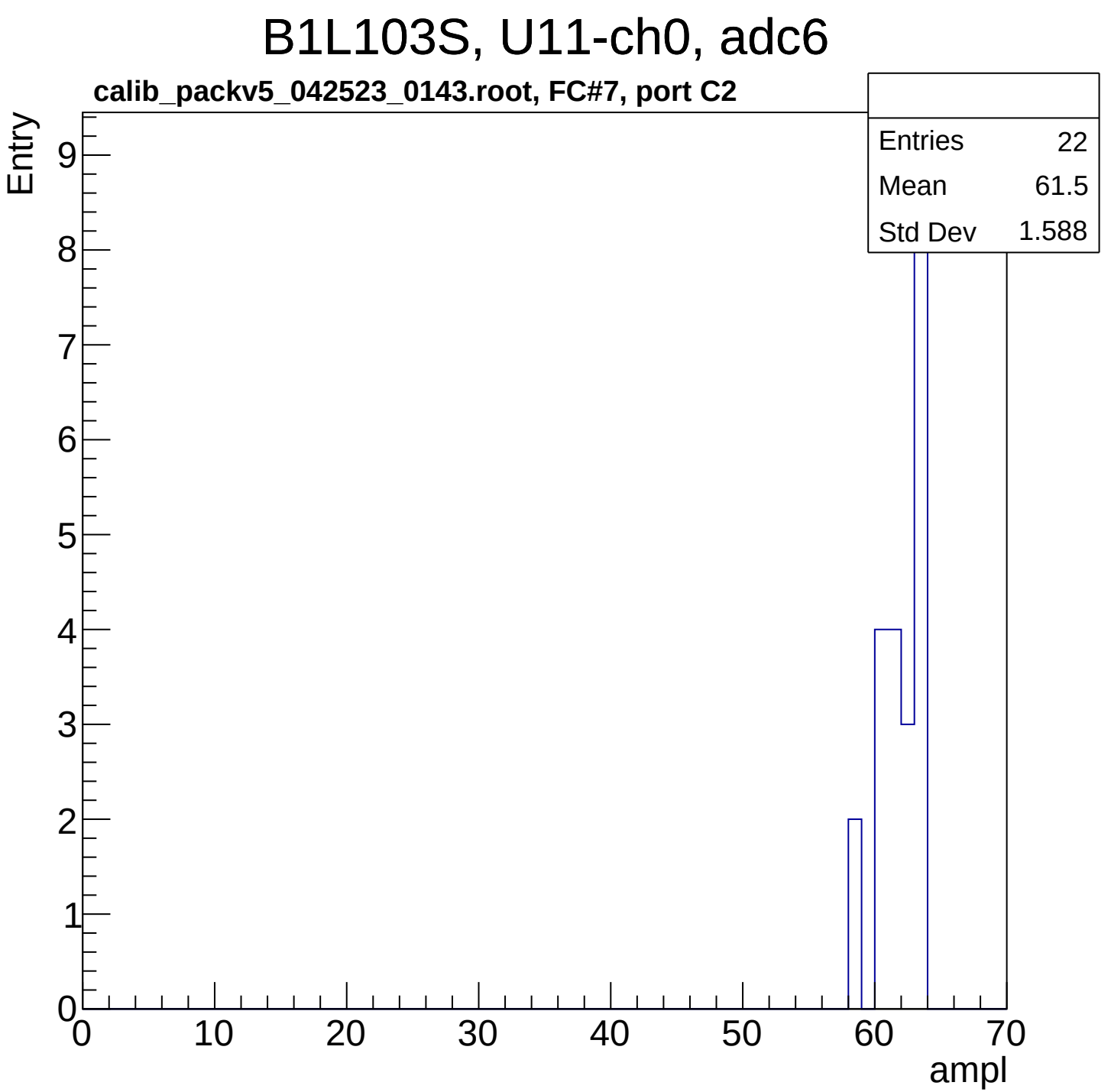
B1L103S, U11-ch0, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 22
Mean 61.5
Std Dev 1.588
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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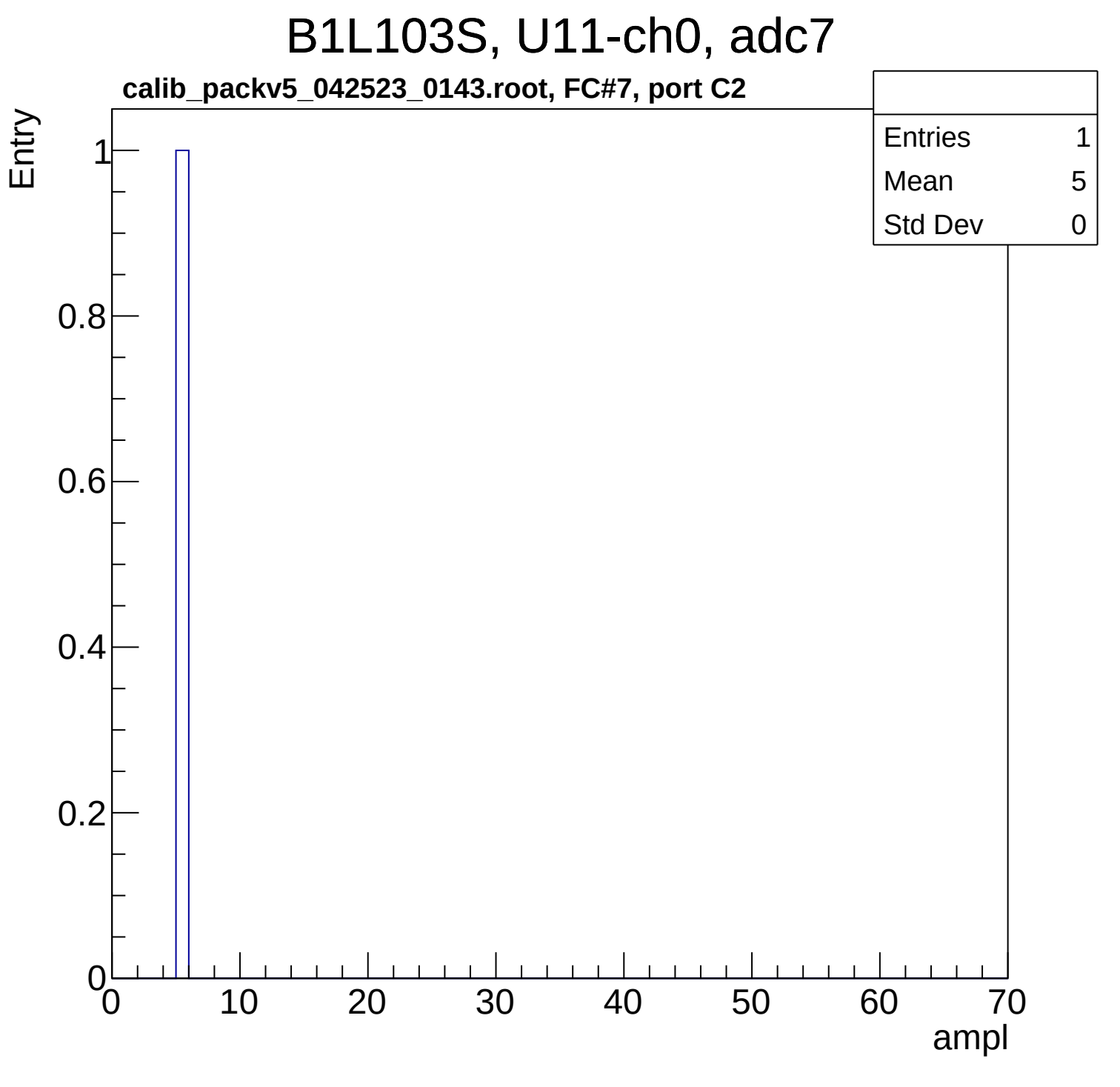
B1L103S, U11-ch0, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 5
Std Dev 0
Entry
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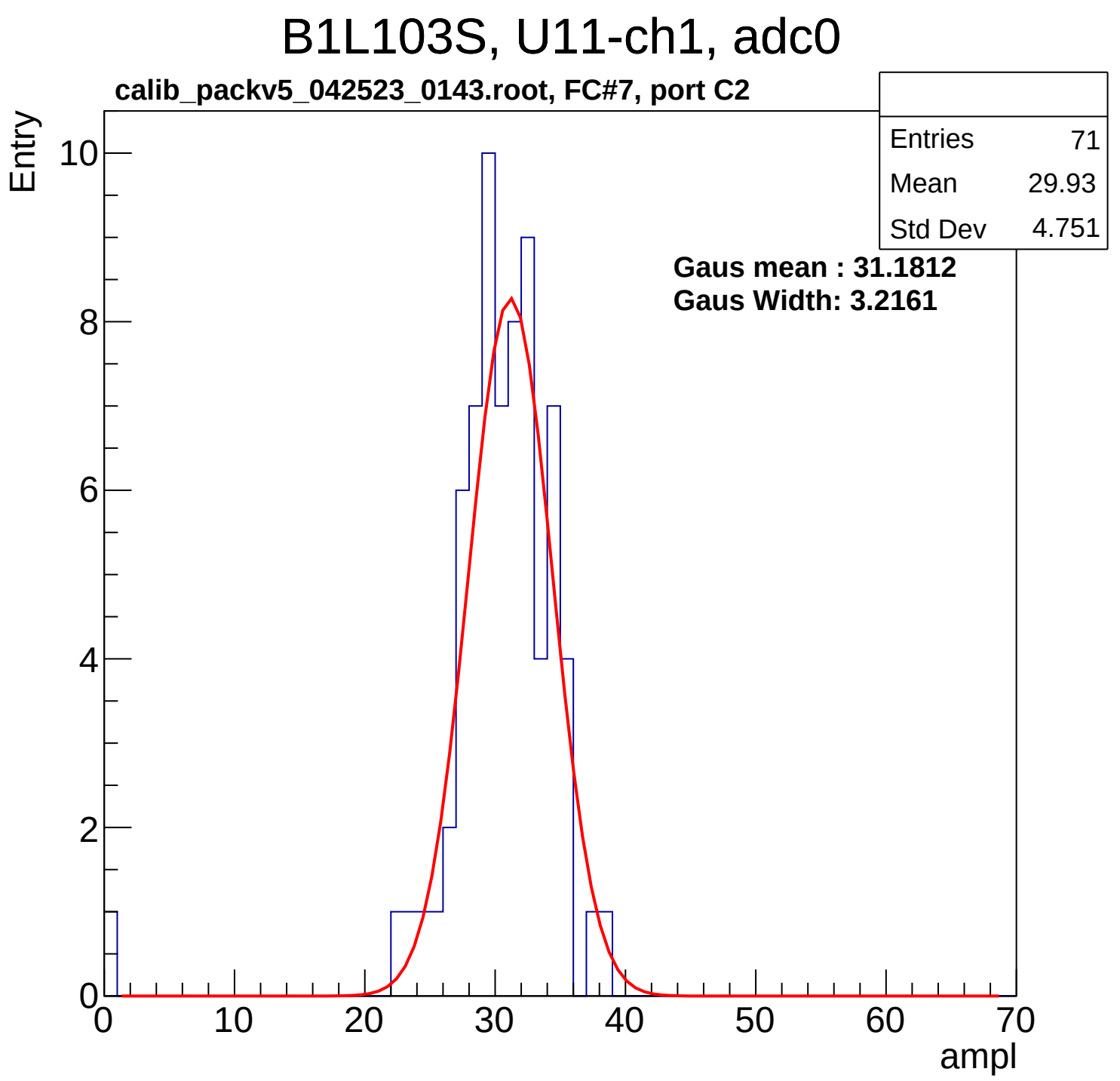
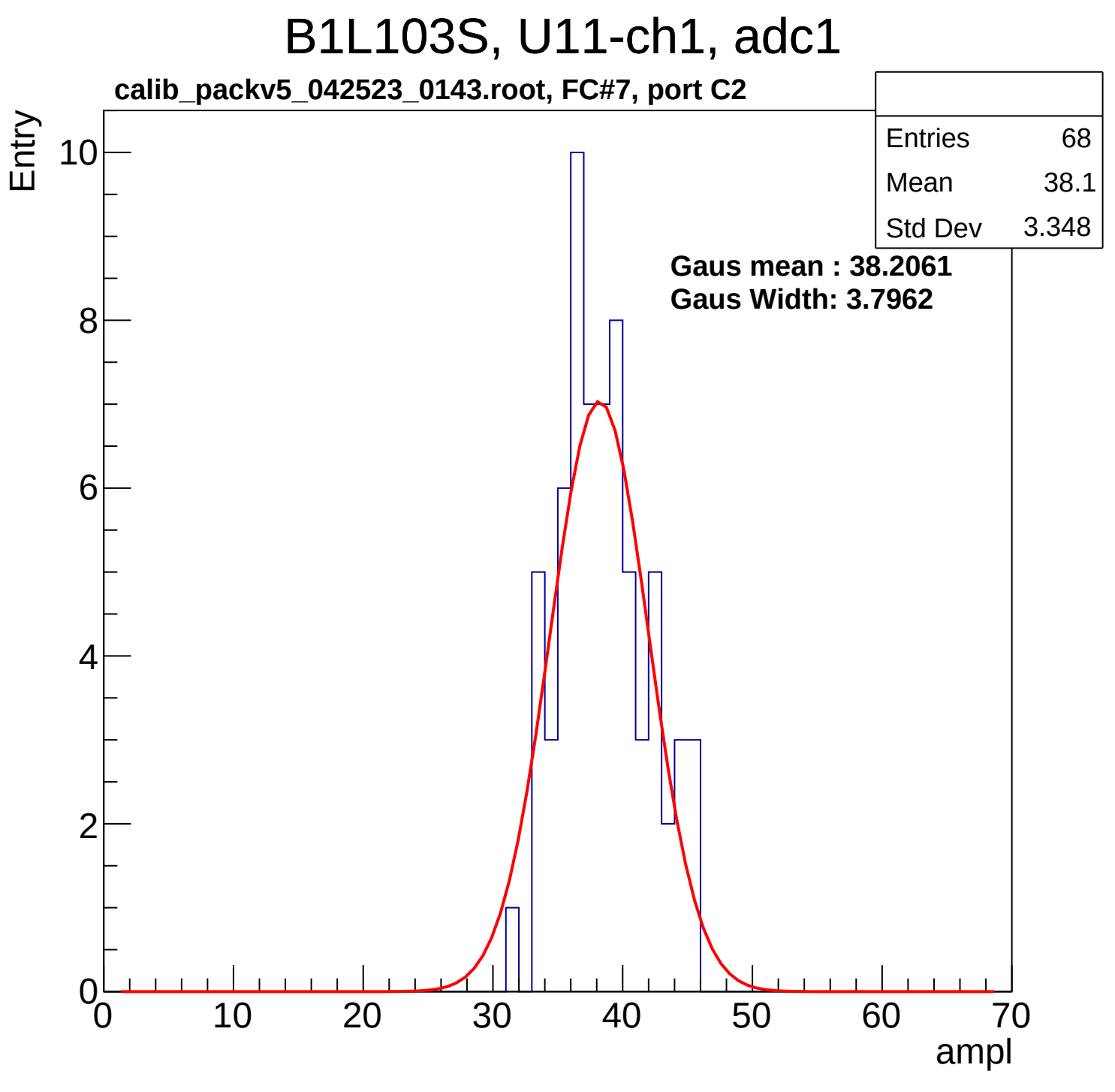
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch1, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 29.93
Std Dev 4.751
Gaus mean : 31.1812
Gaus Width: 3.2161
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch1, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 38.1
Std Dev 3.348
Gaus mean : 38.2061
Gaus Width: 3.7962
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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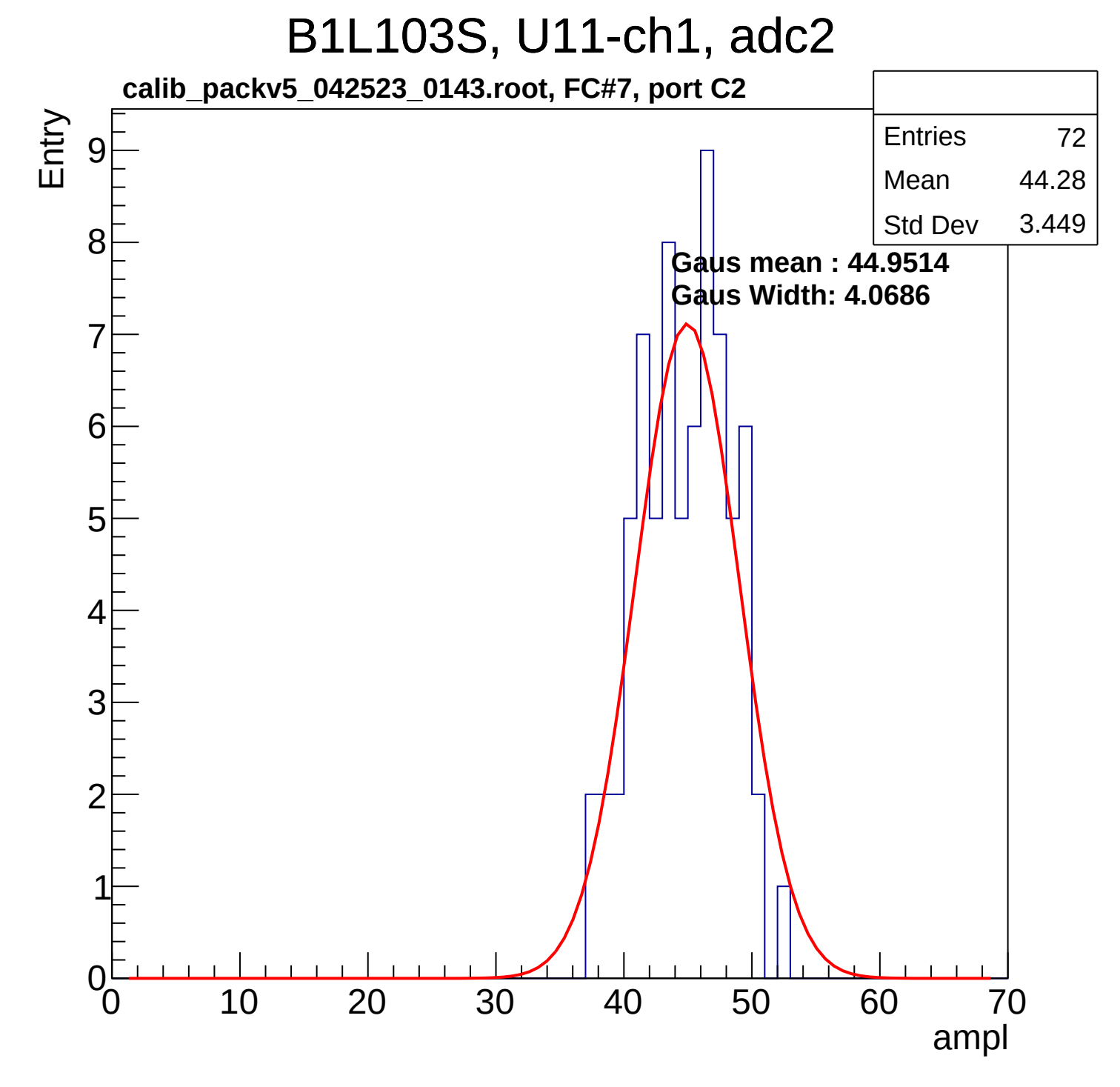
B1L103S, U11-ch1, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 44.28
Std Dev 3.449
Gaus mean : 44.9514
Gaus Width: 4.0686
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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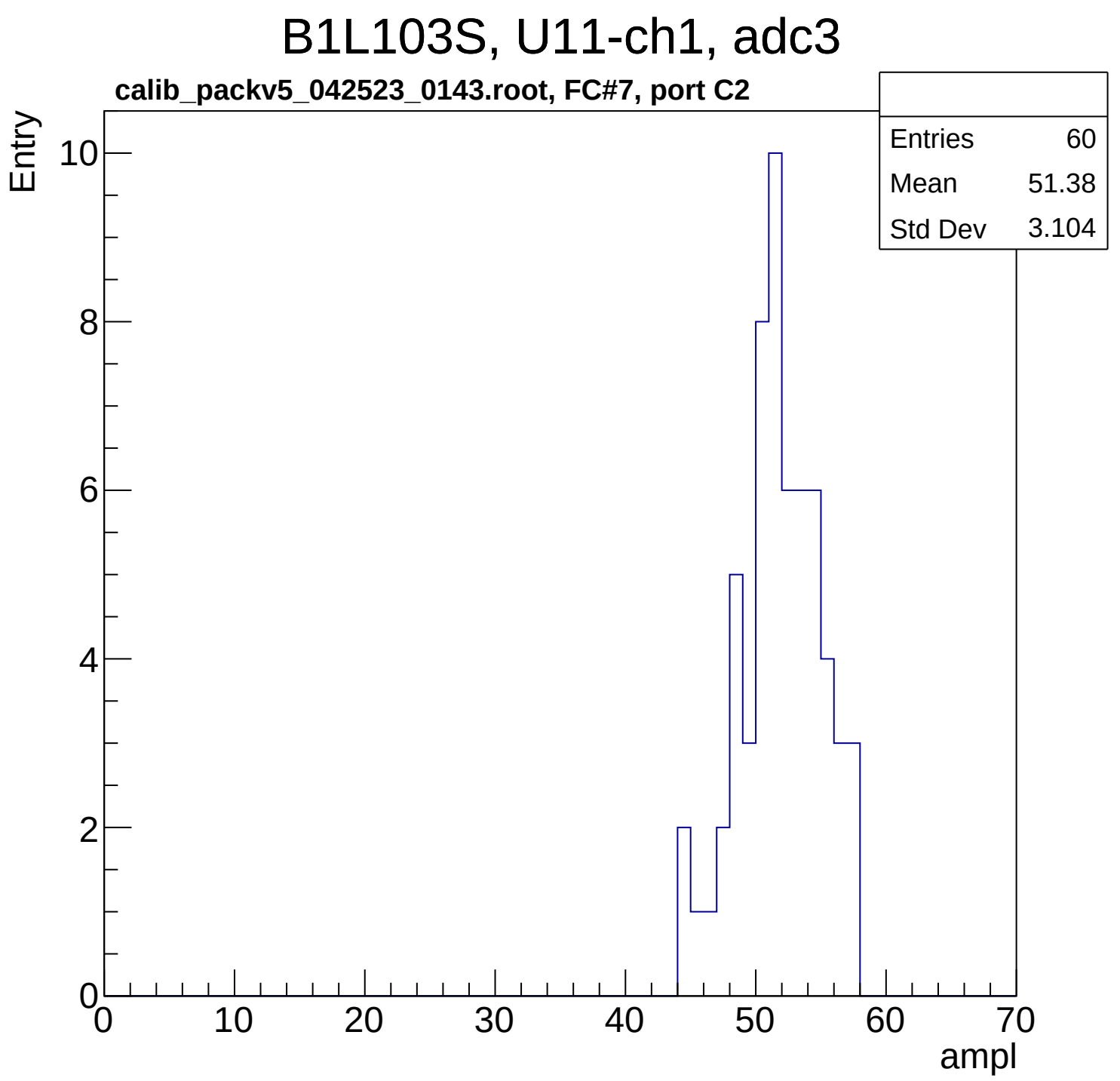
B1L103S, U11-ch1, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 51.38
Std Dev 3.104
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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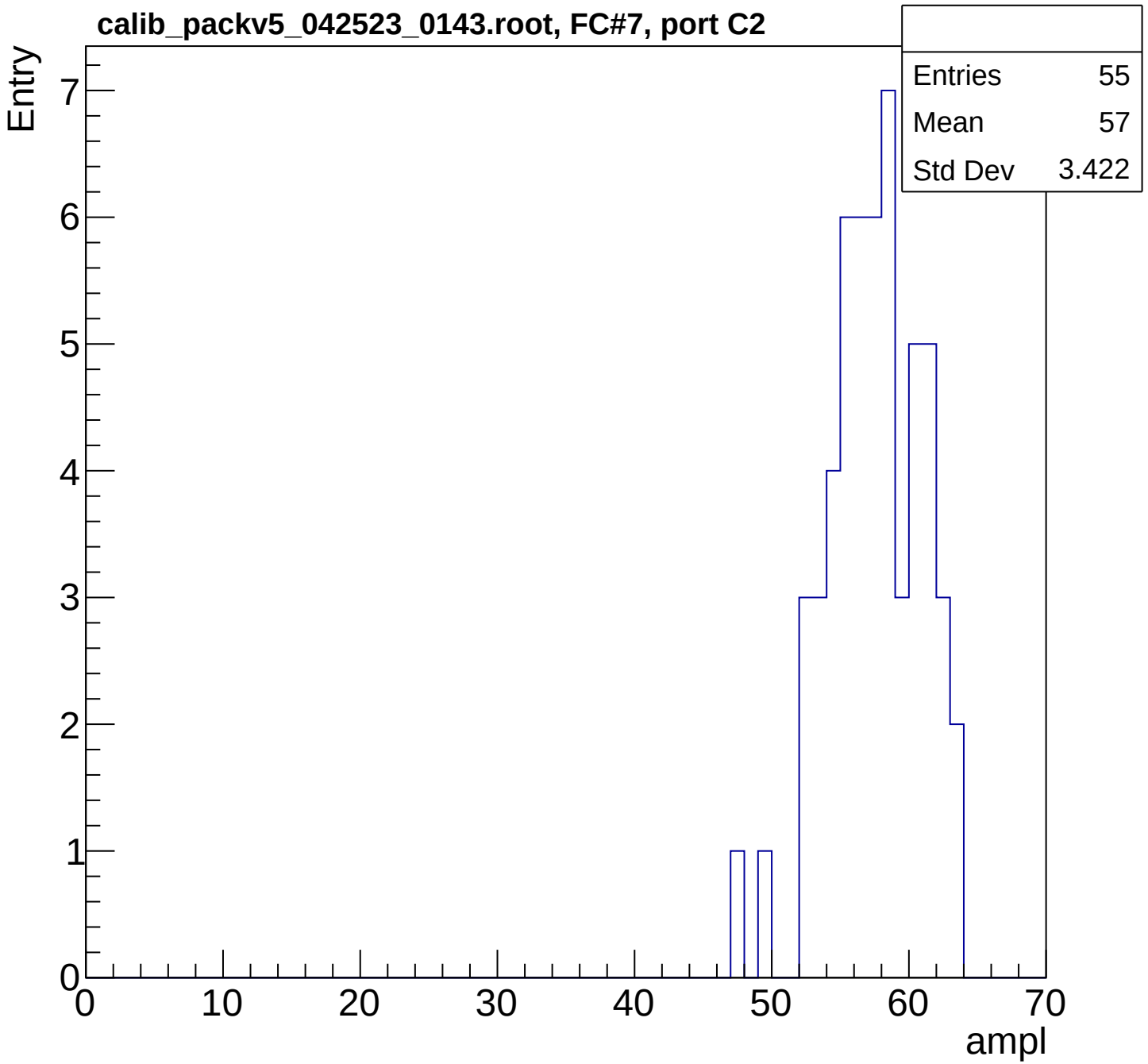
B1L103S, U11-ch1, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 57
Std Dev 3.422
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
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60
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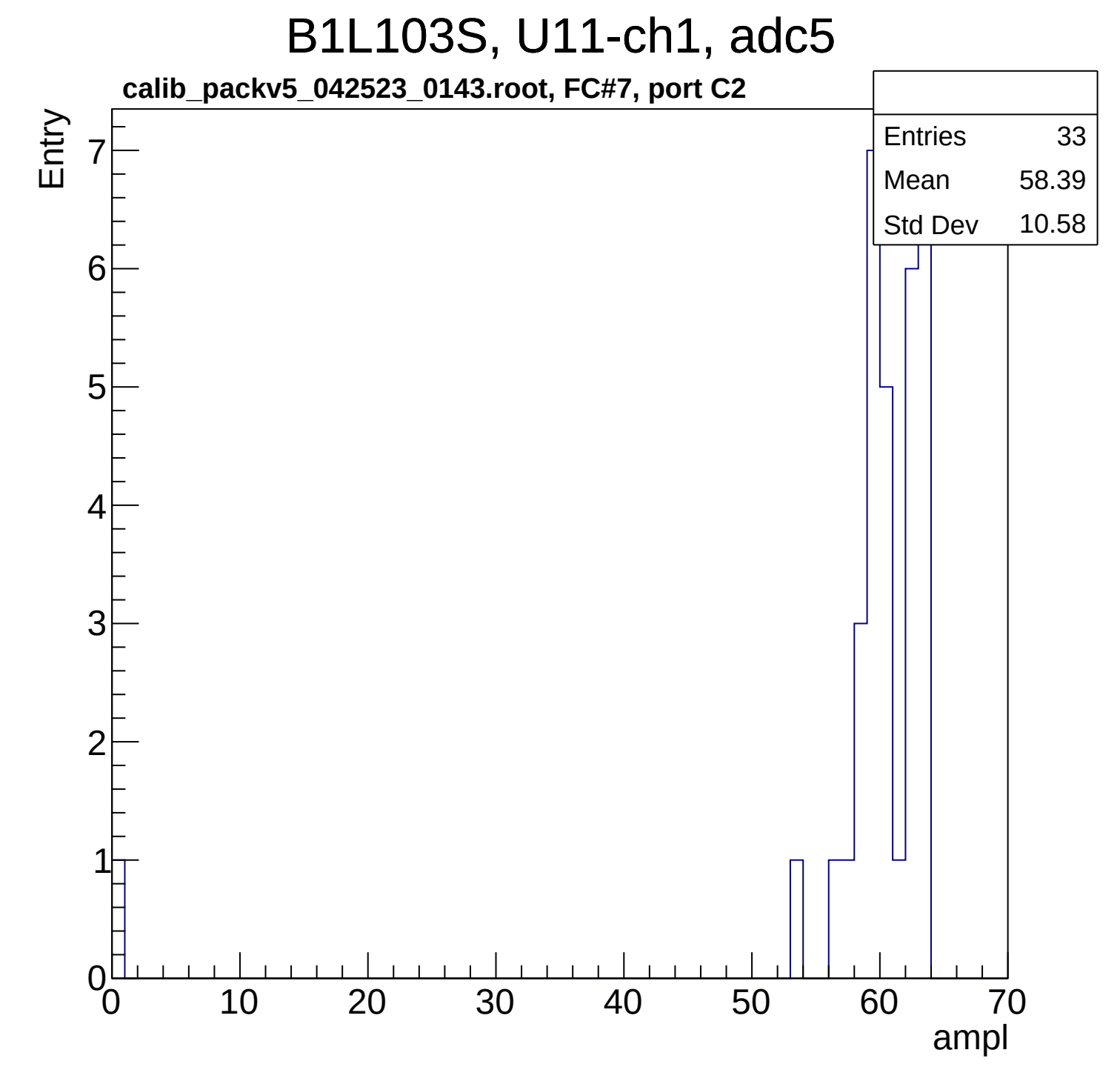
B1L103S, U11-ch1, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 33
Mean 58.39
Std Dev 10.58
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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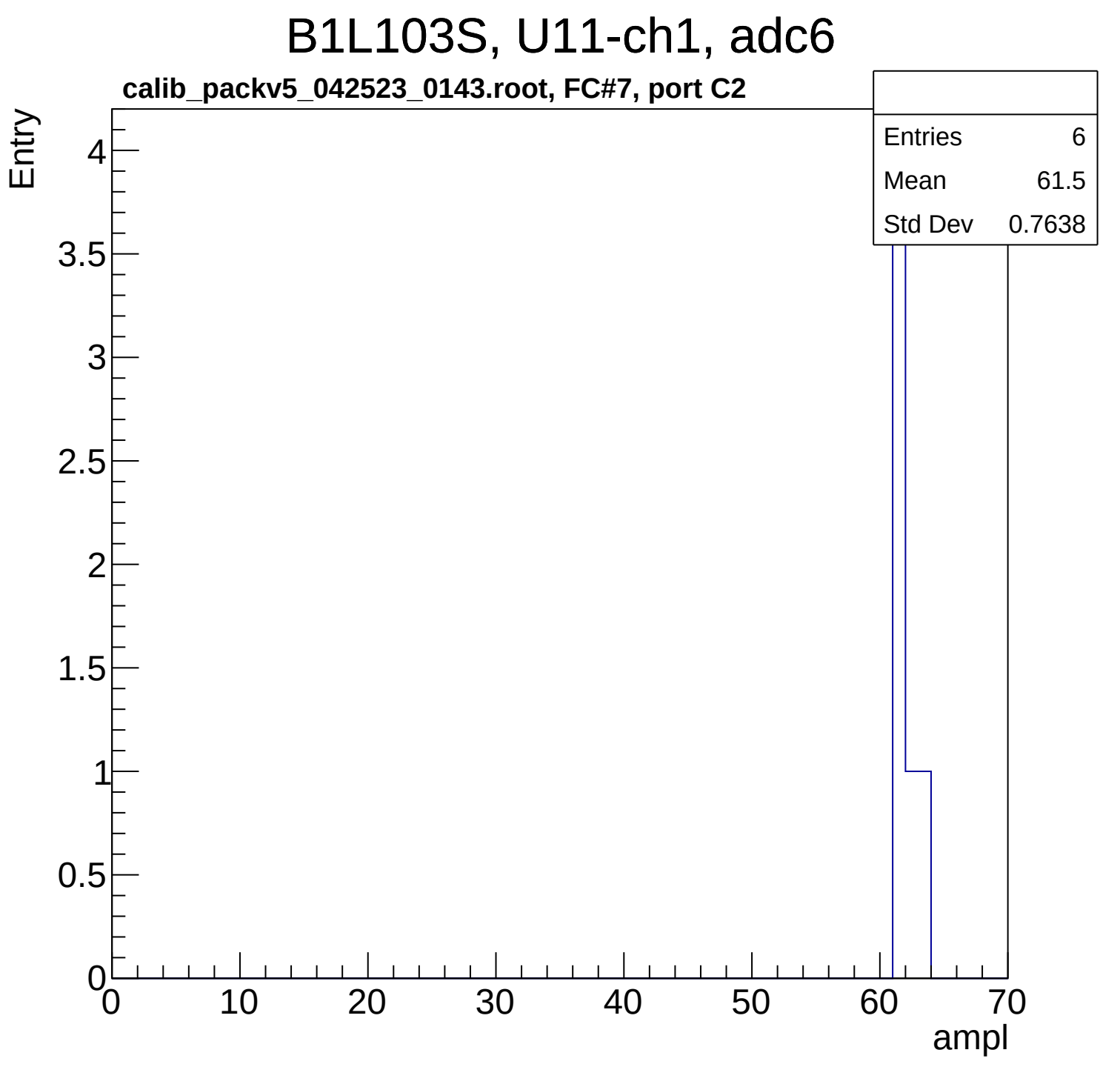
B1L103S, U11-ch1, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 6
Mean 61.5
Std Dev 0.7638
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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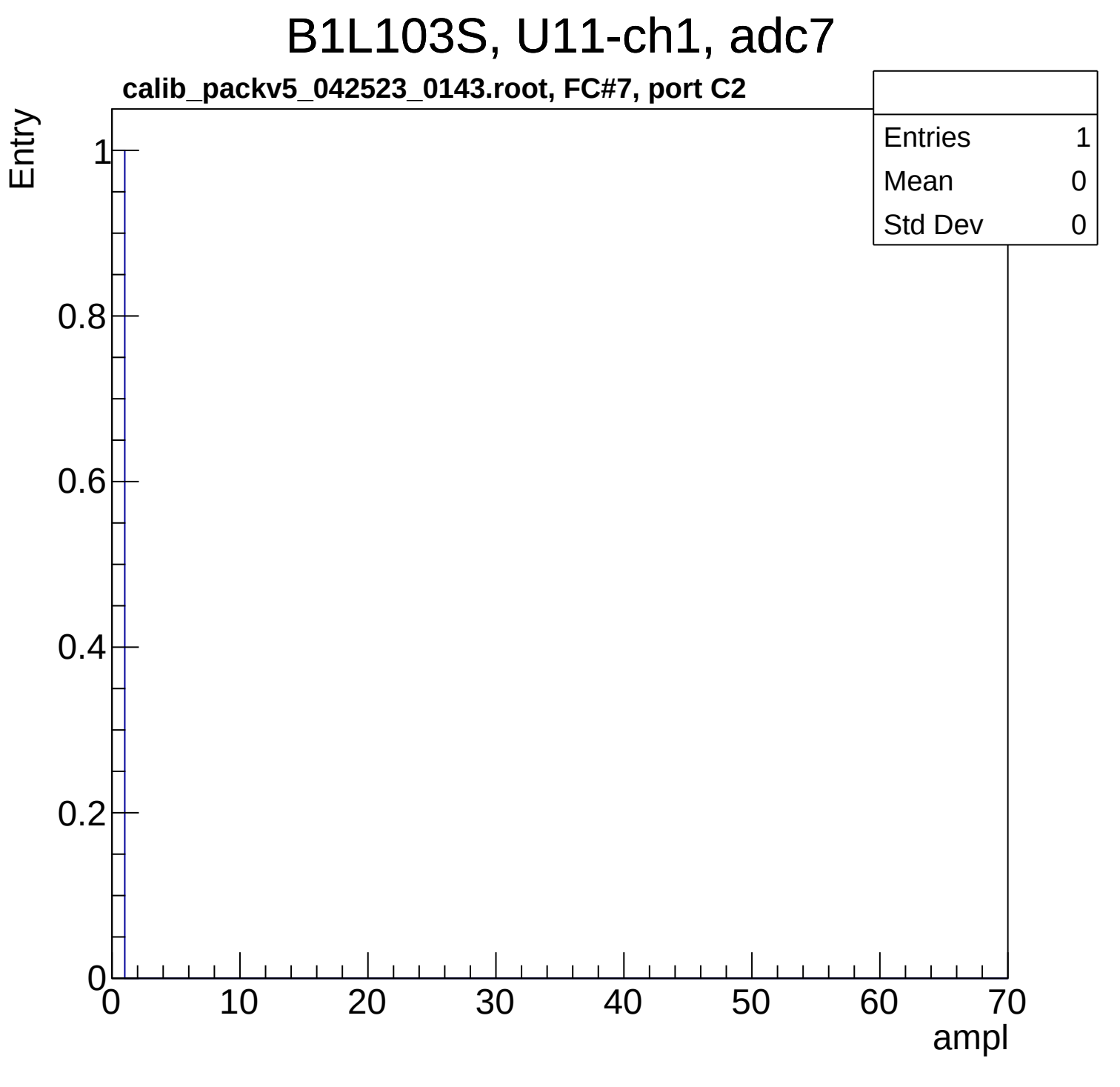
B1L103S, U11-ch1, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
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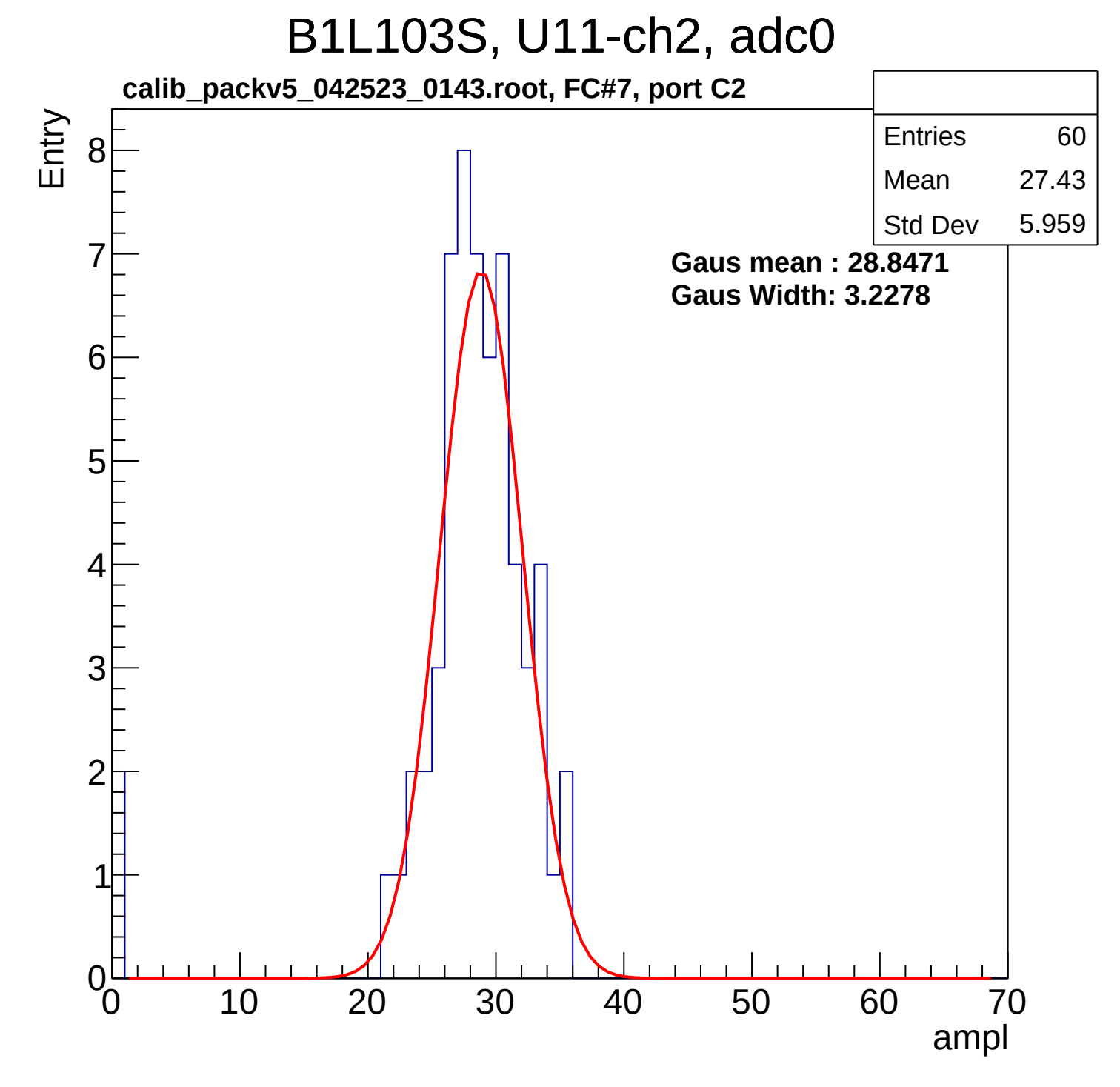
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch2, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 27.43
Std Dev 5.959
Gaus mean : 28.8471
Gaus Width: 3.2278
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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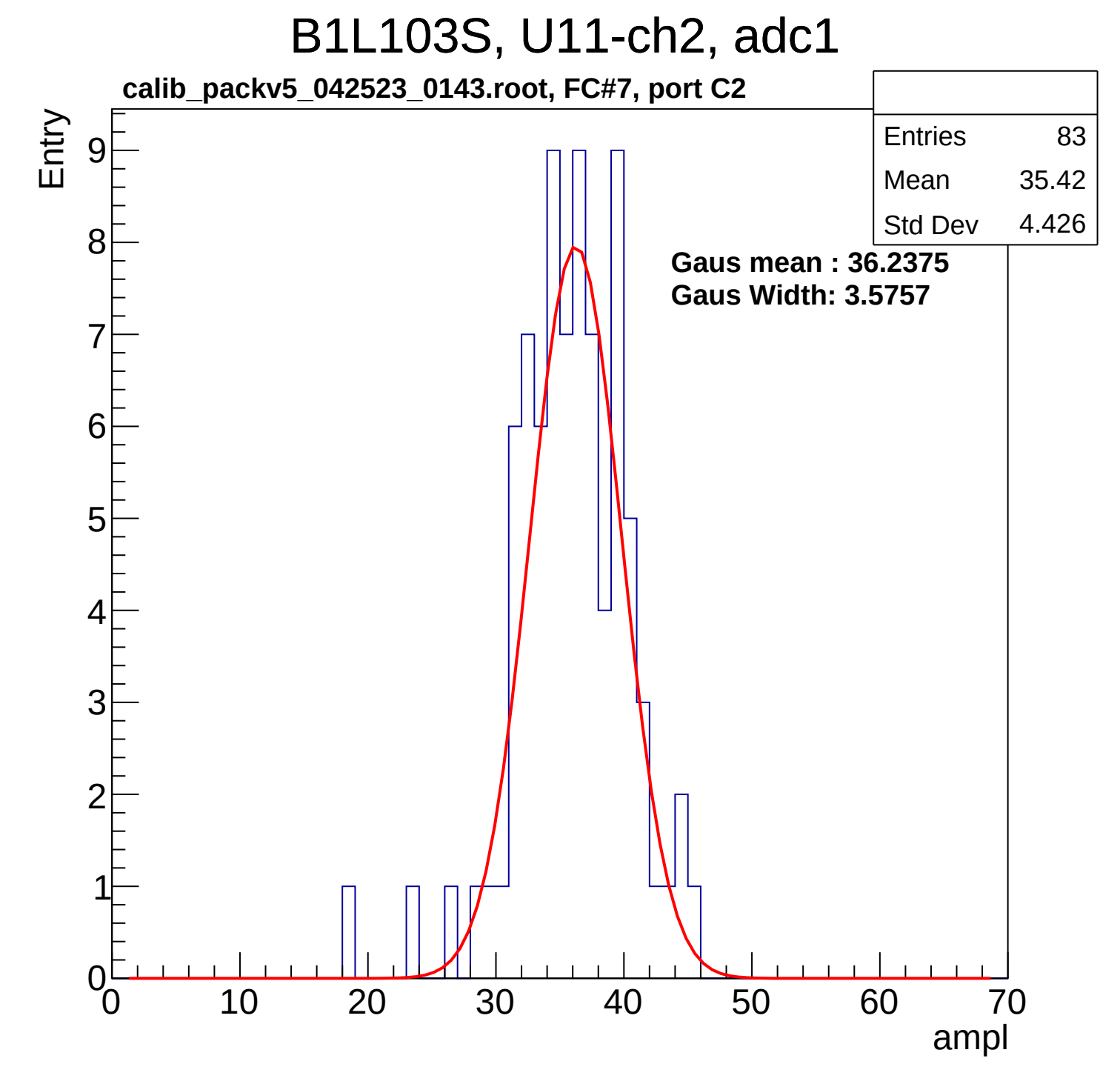
B1L103S, U11-ch2, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 83
Mean 35.42
Std Dev 4.426
Gaus mean : 36.2375
Gaus Width: 3.5757
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
30
40
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60
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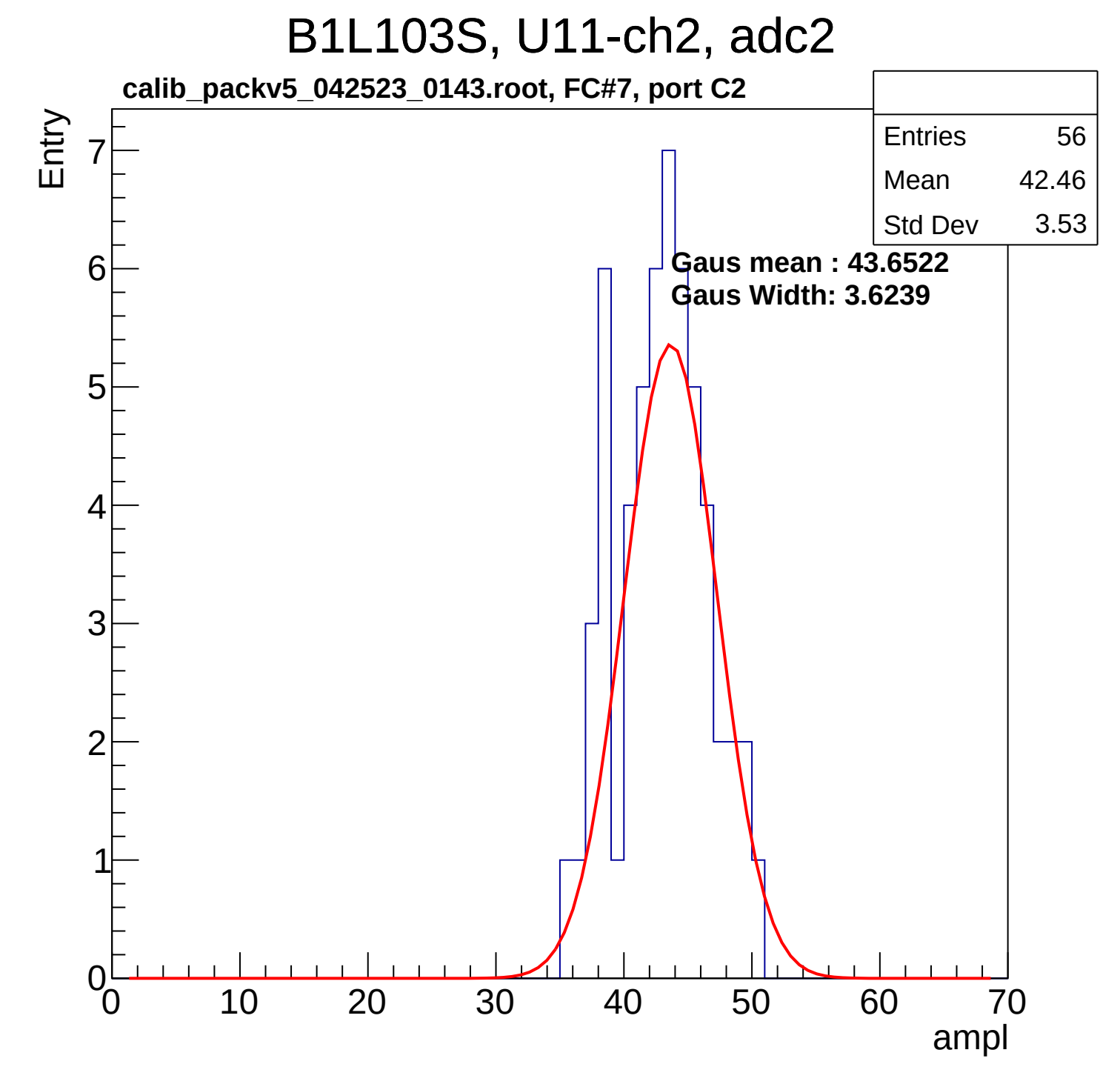
B1L103S, U11-ch2, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 42.46
Std Dev 3.53
Gaus mean : 43.6522
Gaus Width: 3.6239
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
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60
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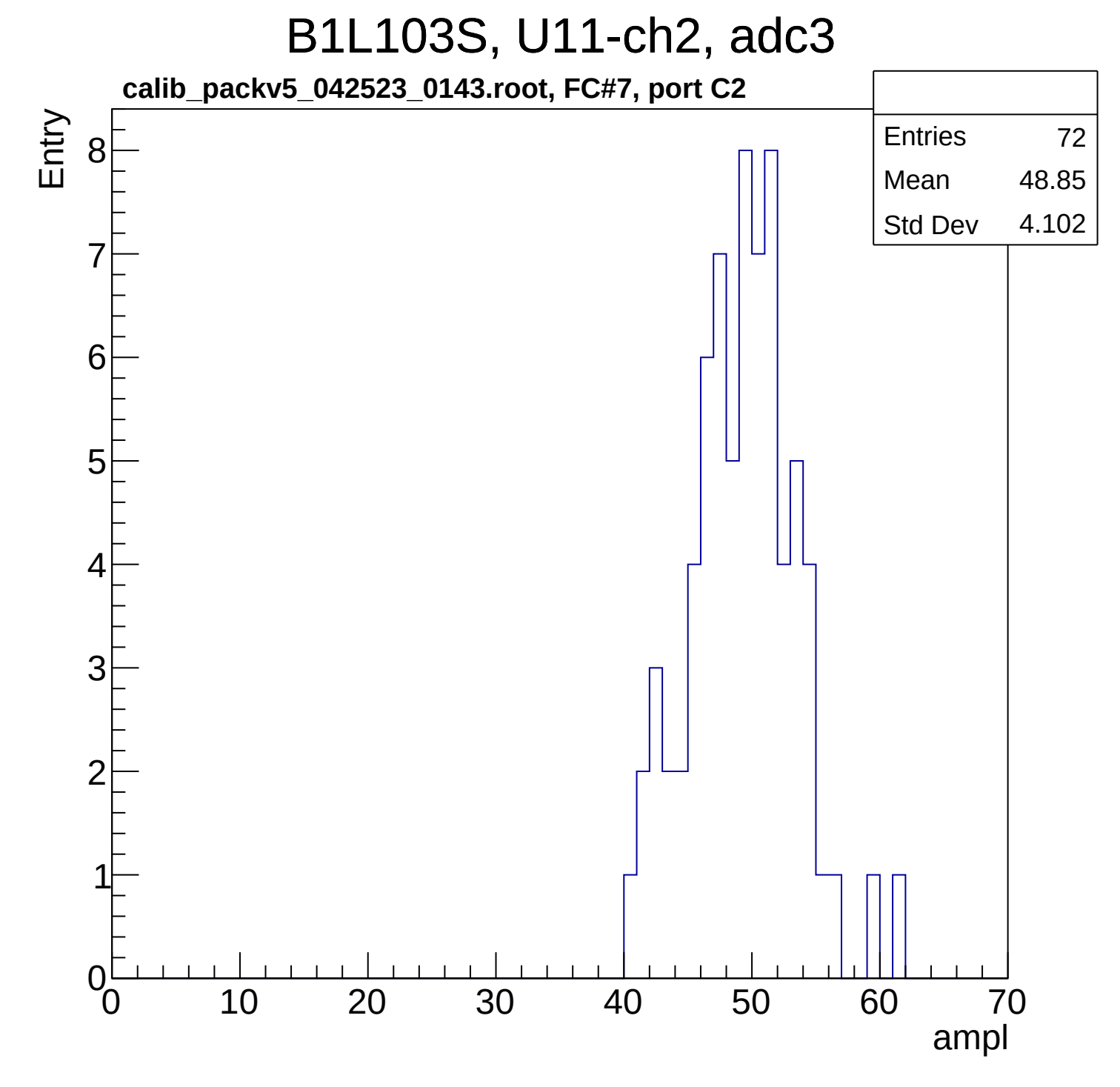
B1L103S, U11-ch2, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 48.85
Std Dev 4.102
Entry
ampl
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6
7
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0
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40
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60
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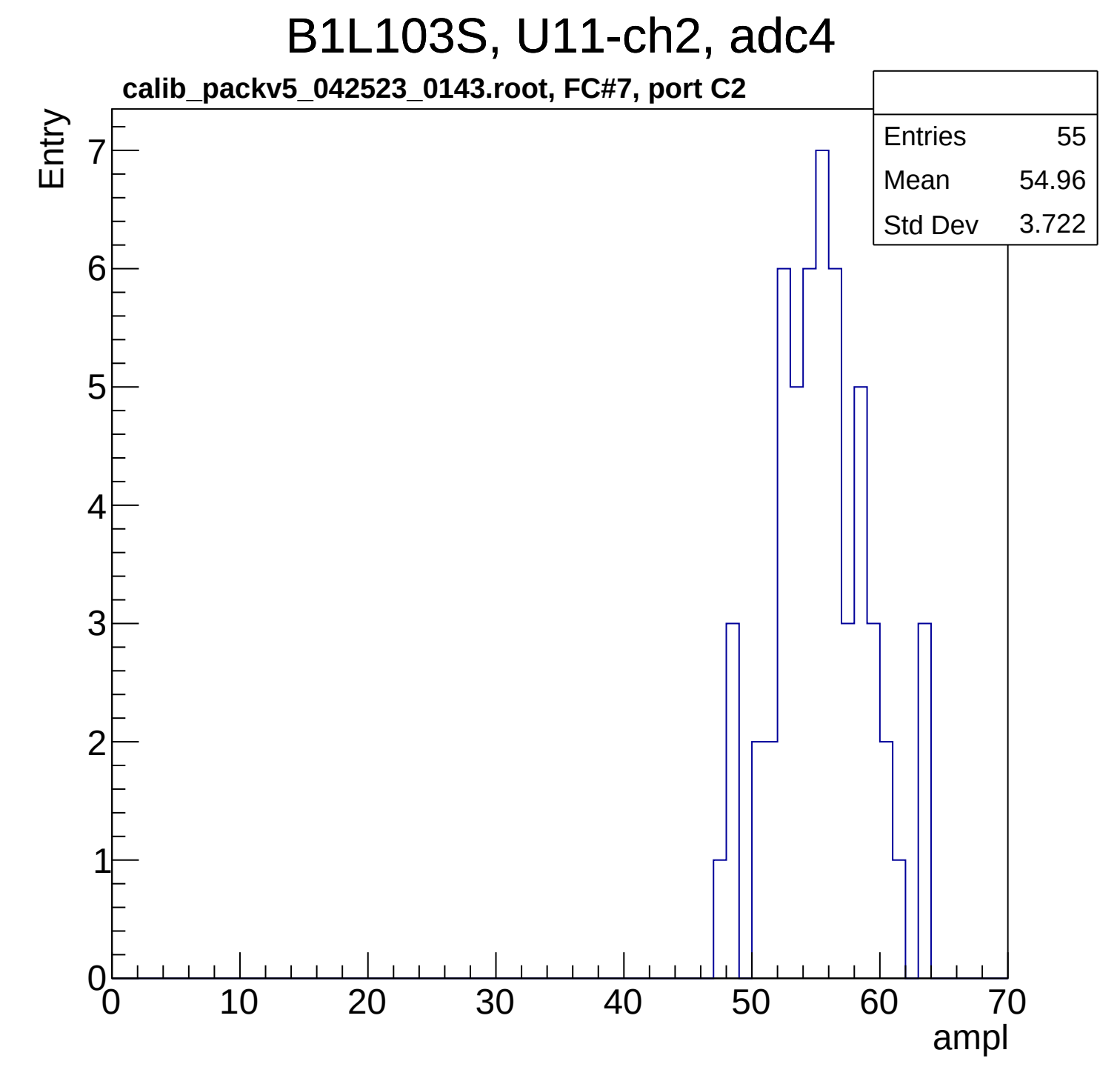
B1L103S, U11-ch2, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 54.96
Std Dev 3.722
Entry
ampl
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2
3
4
5
6
7
0
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40
50
60
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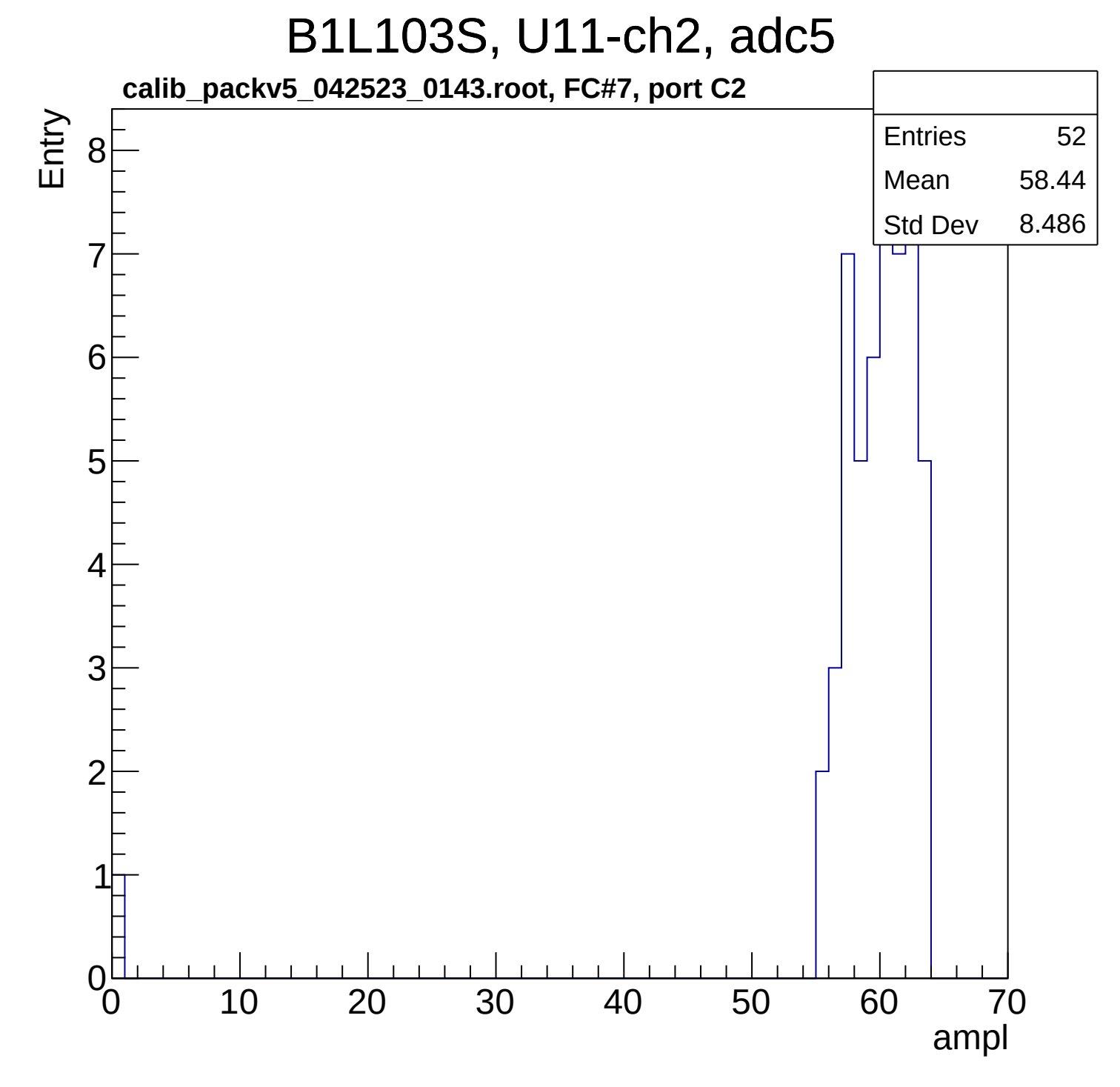
B1L103S, U11-ch2, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 52
Mean 58.44
Std Dev 8.486
Entry
ampl
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2
3
4
5
6
7
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0
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40
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60
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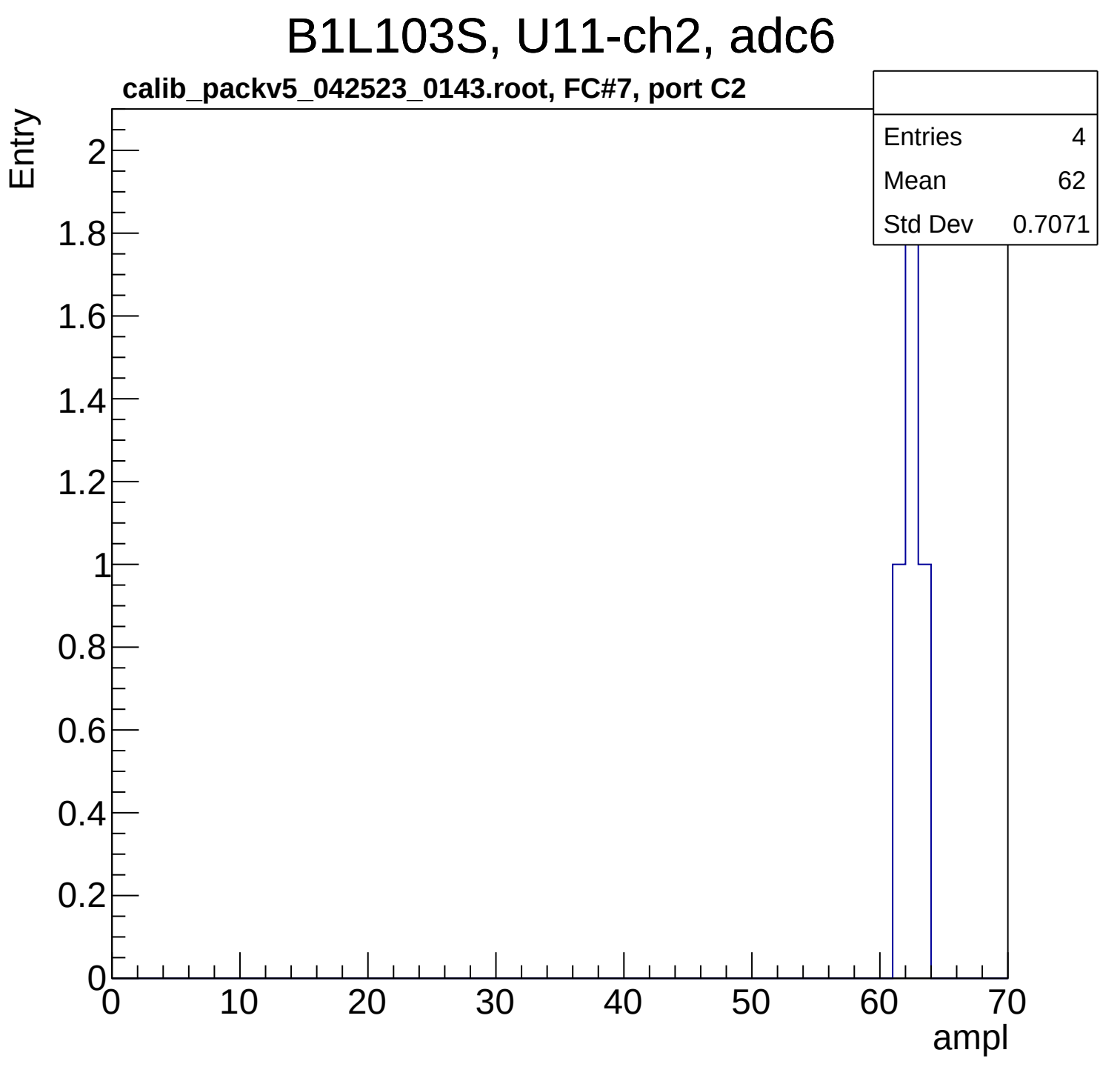
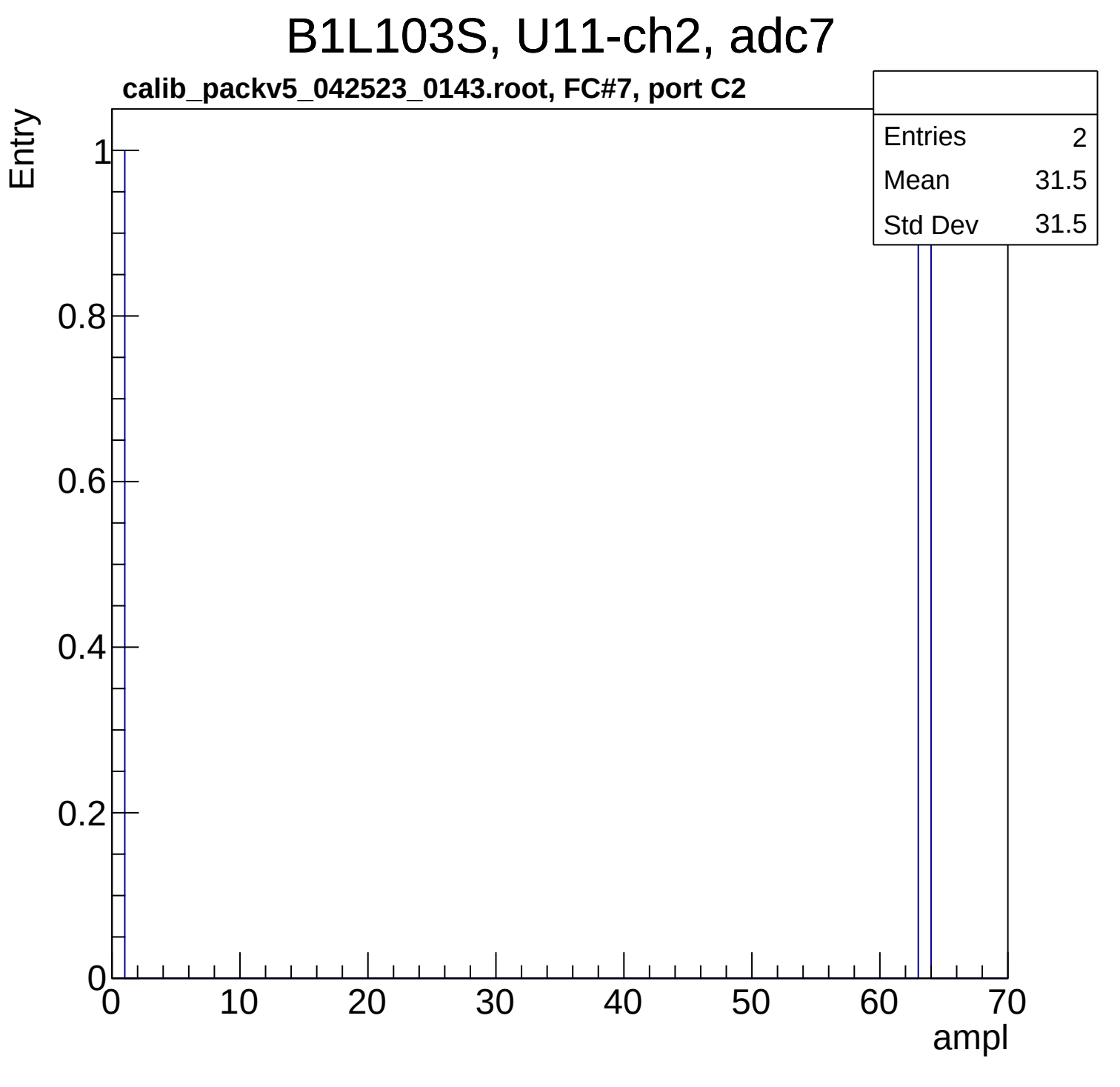

B1L103S, U11-ch2, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 4
Mean 62
Std Dev 0.7071
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L103S, U11-ch2, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 31.5
Std Dev 31.5
Entry
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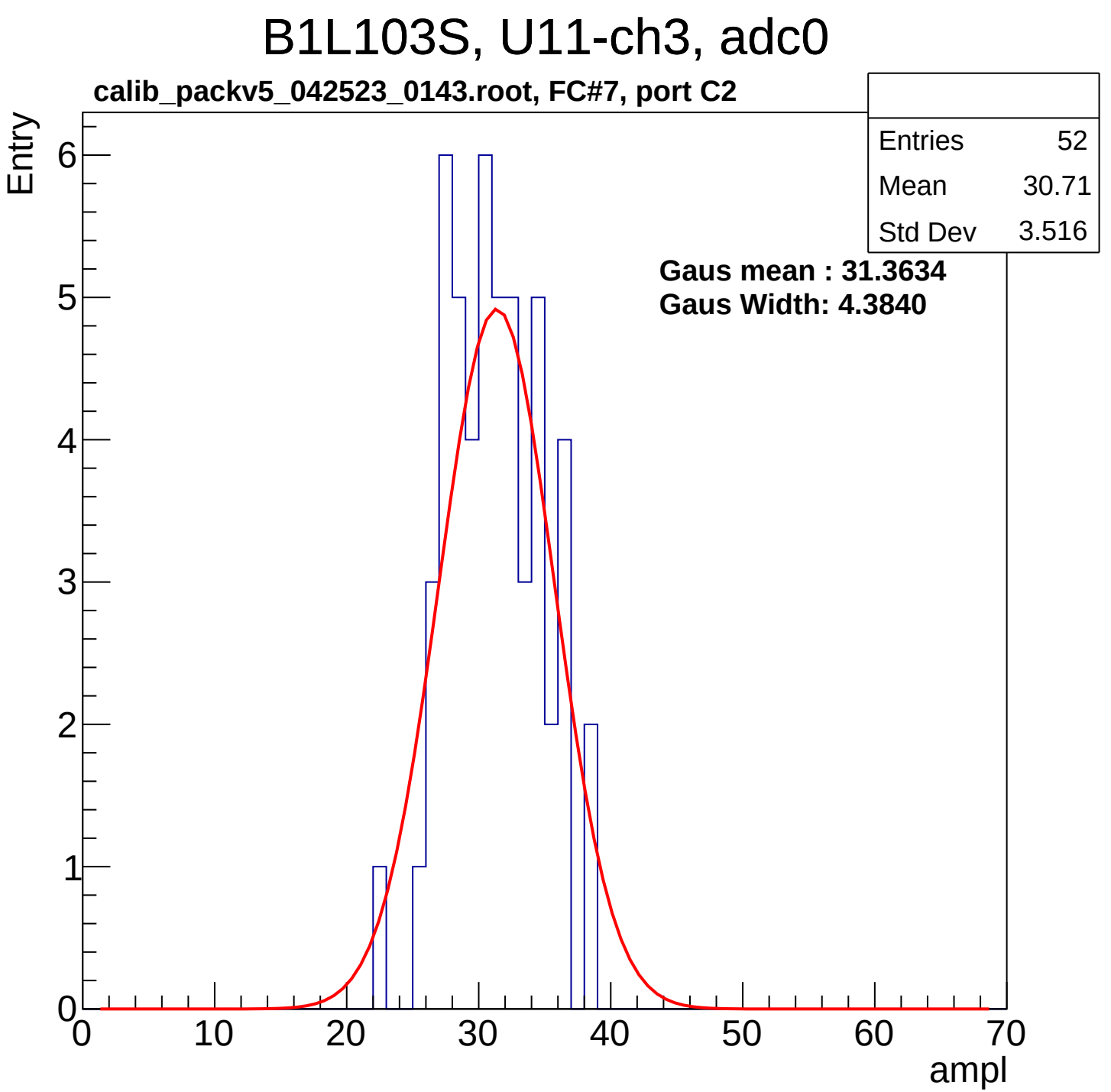
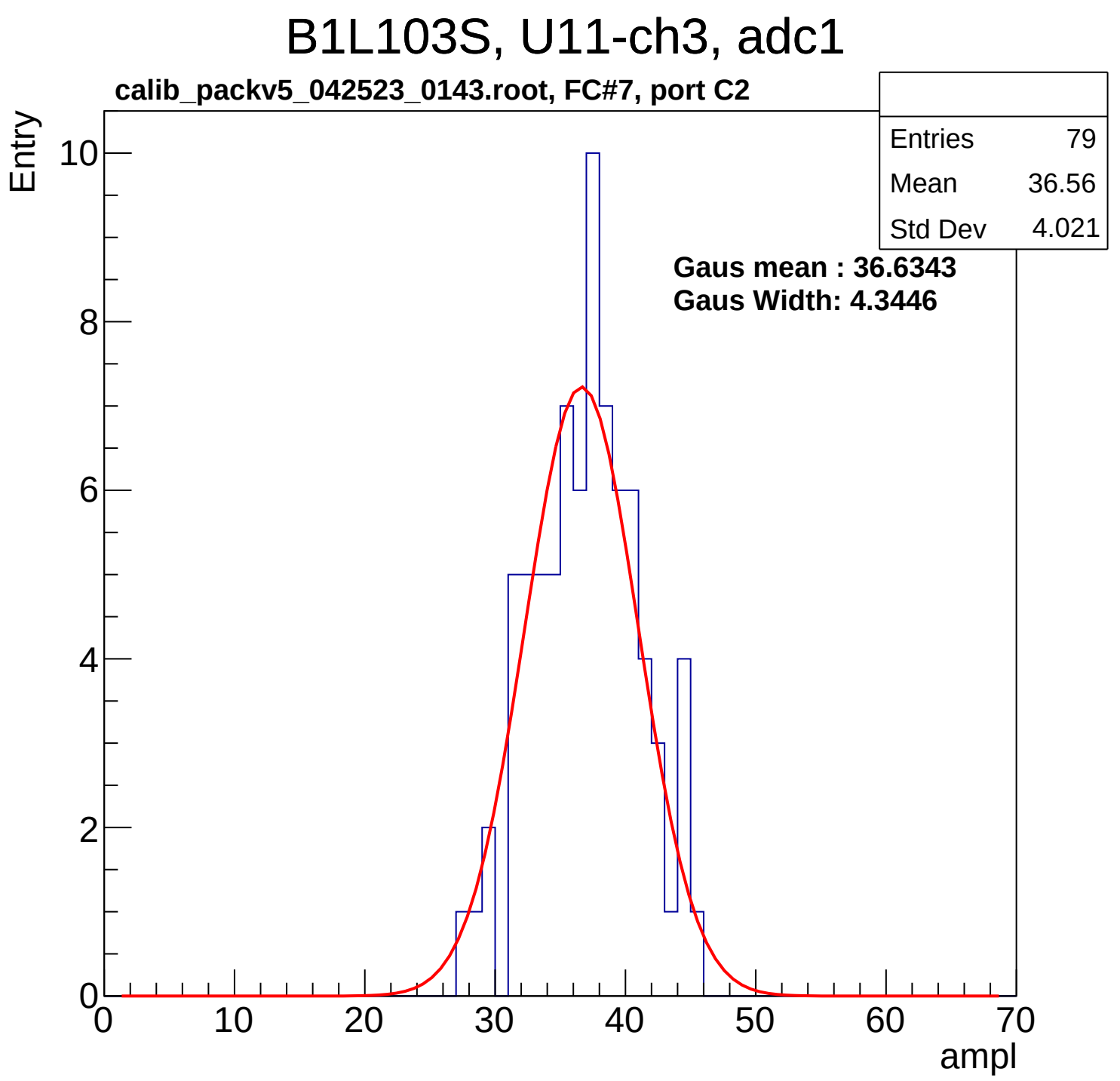
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch3, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 52
Mean 30.71
Std Dev 3.516
Gaus mean : 31.3634
Gaus Width: 4.3840
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L103S, U11-ch3, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 79
Mean 36.56
Std Dev 4.021
Gaus mean : 36.6343
Gaus Width: 4.3446
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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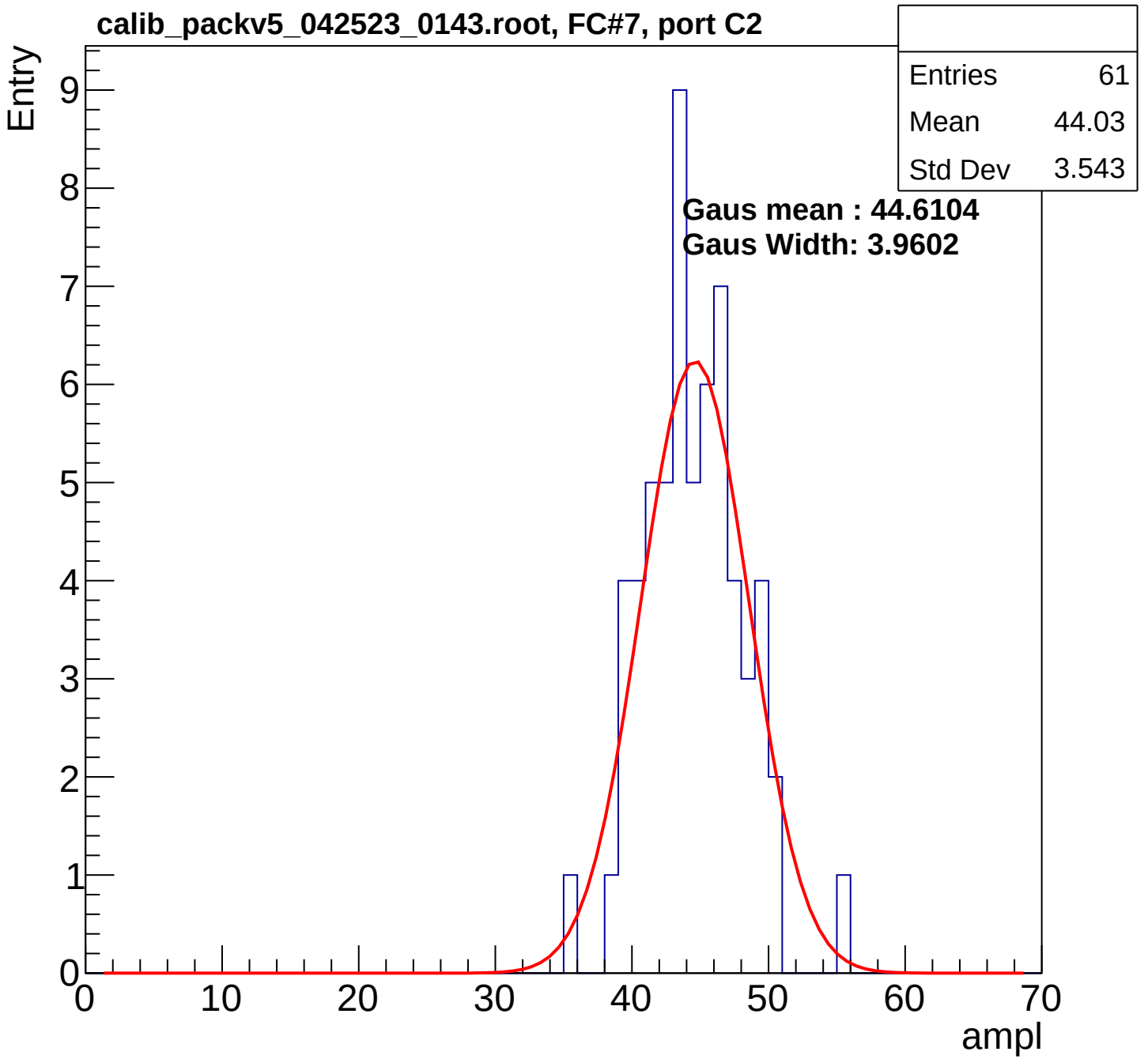
B1L103S, U11-ch3, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 44.03
Std Dev 3.543
Gaus mean : 44.6104
Gaus Width: 3.9602
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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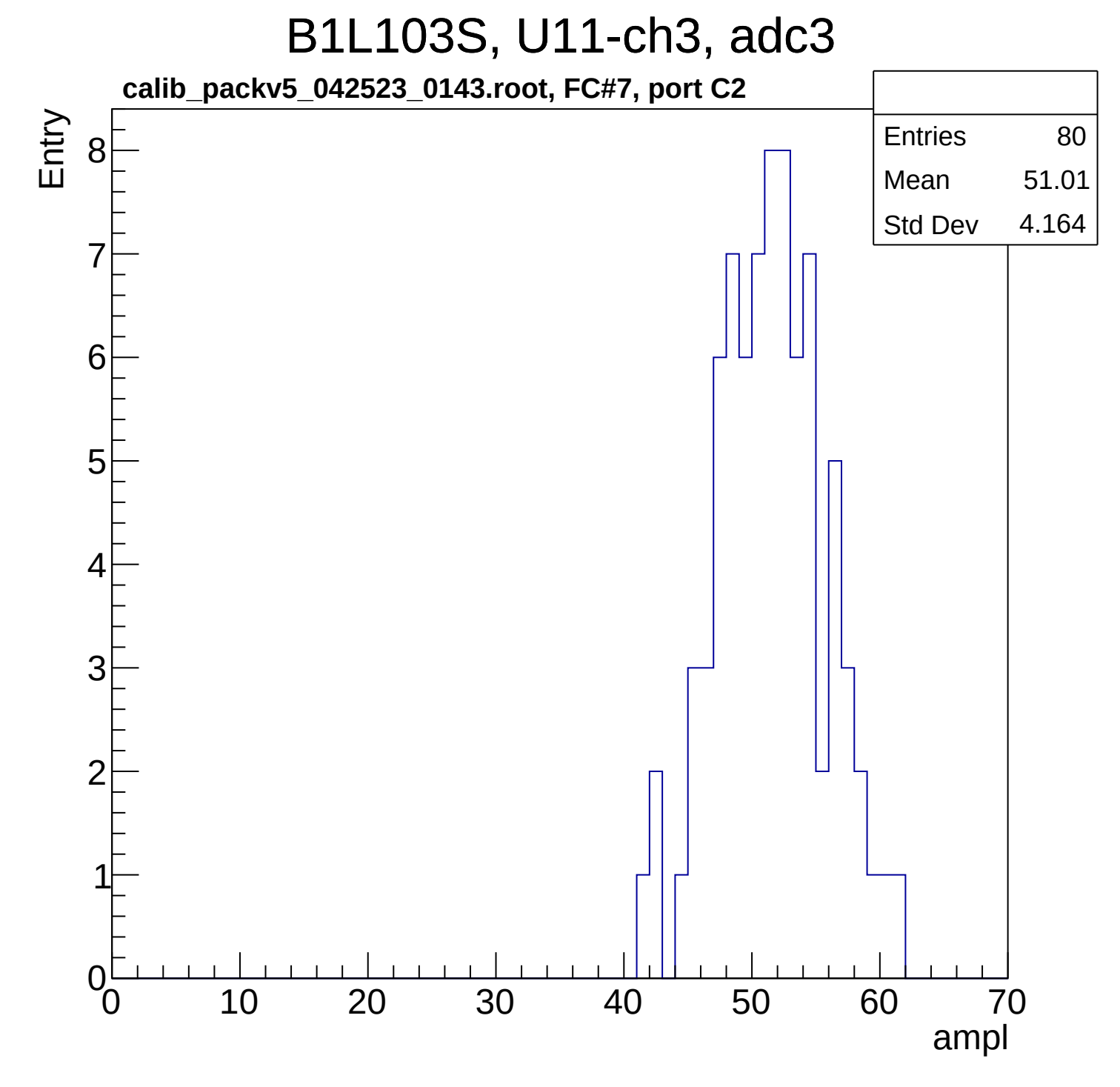
B1L103S, U11-ch3, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 80
Mean 51.01
Std Dev 4.164
Entry
ampl
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2
3
4
5
6
7
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0
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60
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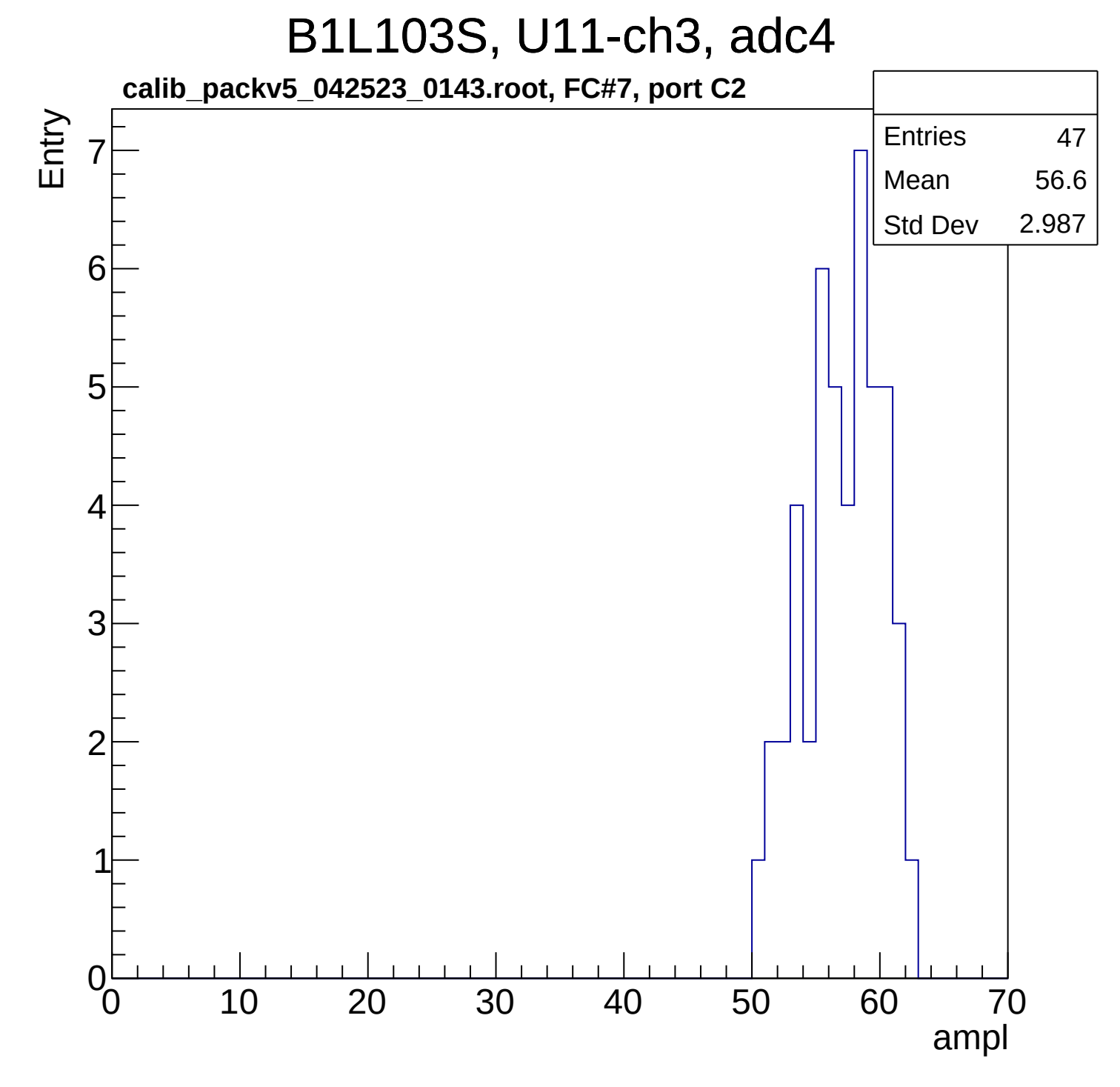
B1L103S, U11-ch3, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 47
Mean 56.6
Std Dev 2.987
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
30
40
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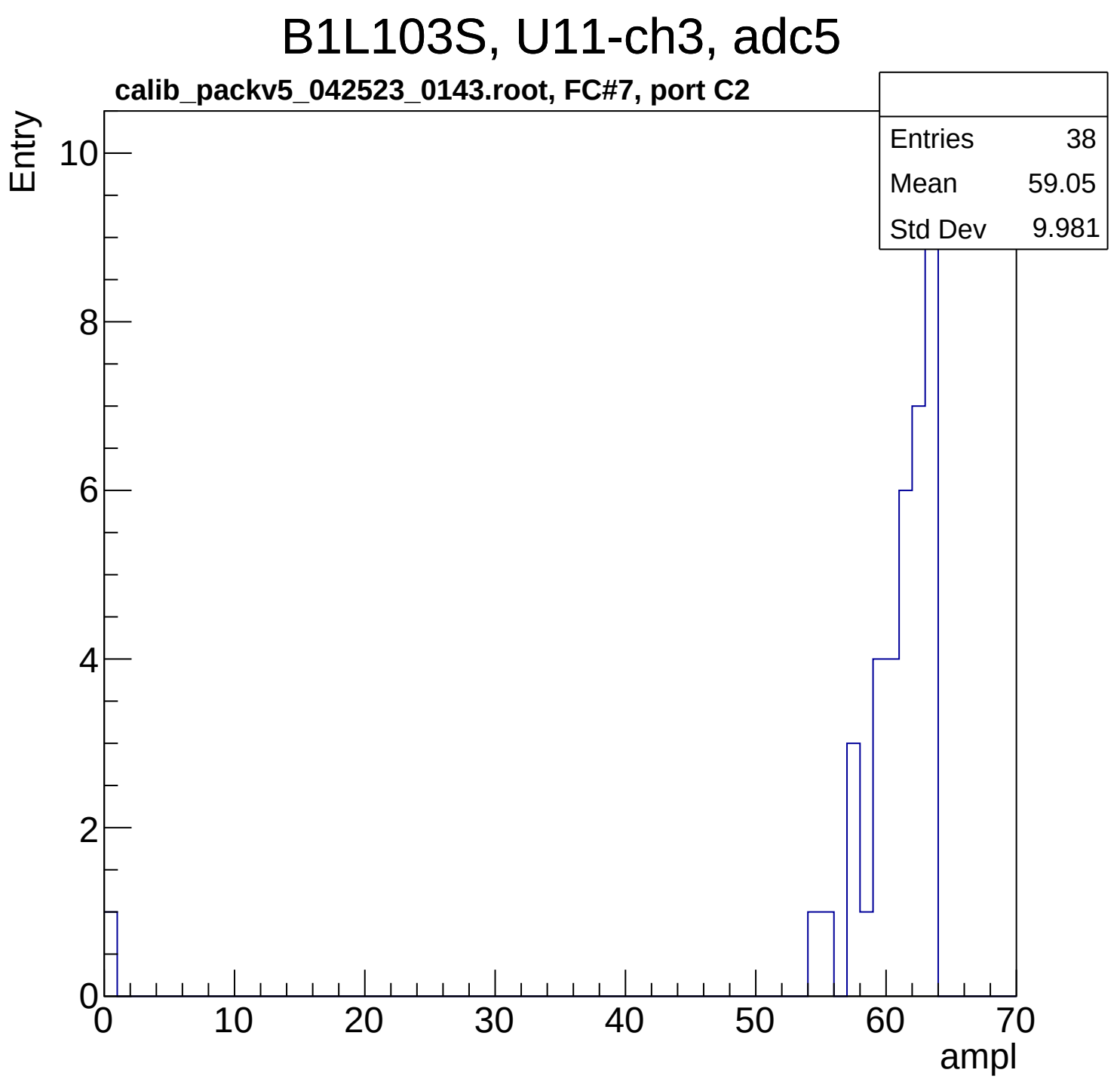
60
70


B1L103S, U11-ch3, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 38
Mean 59.05
Std Dev 9.981
Entry
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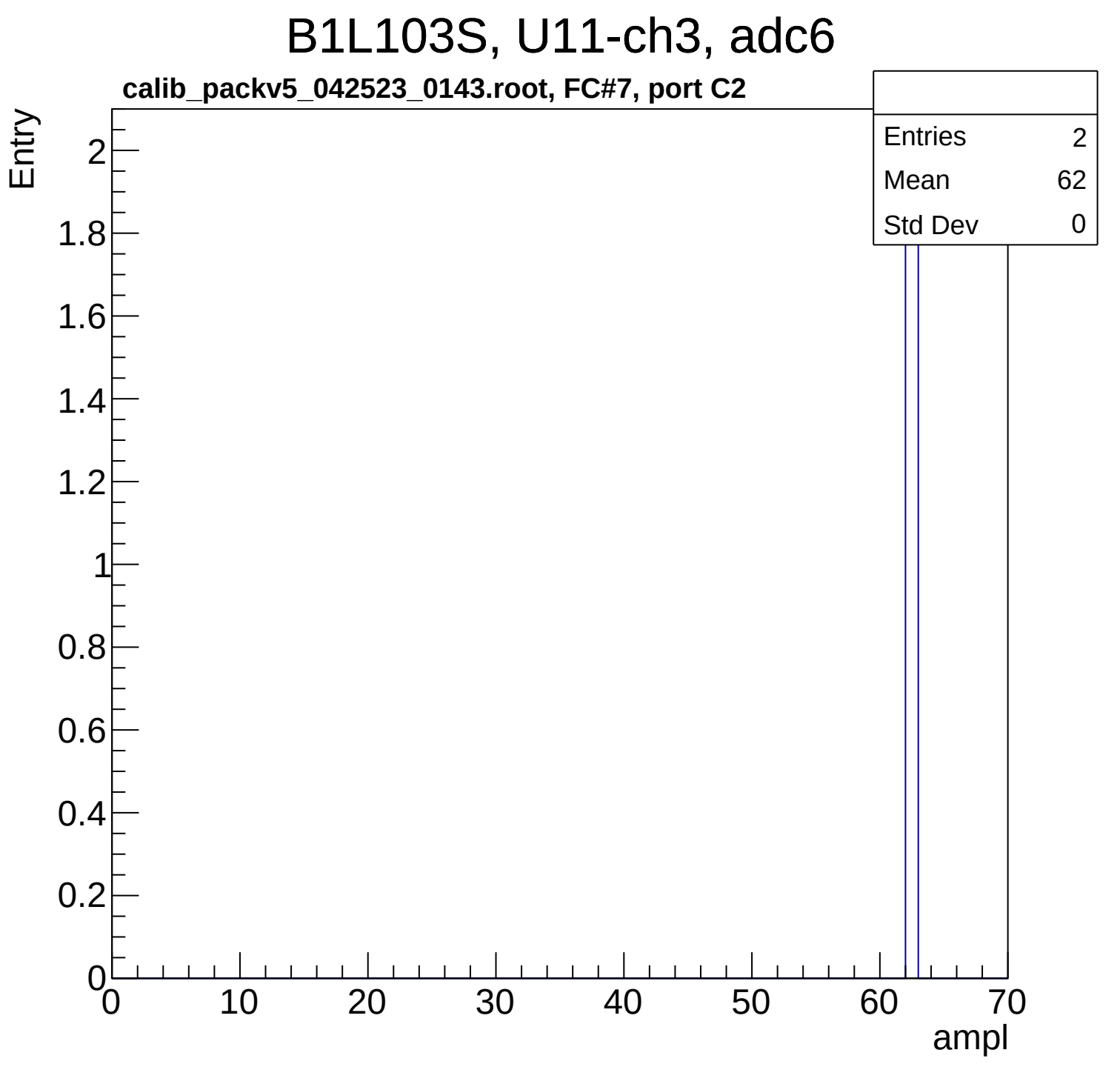
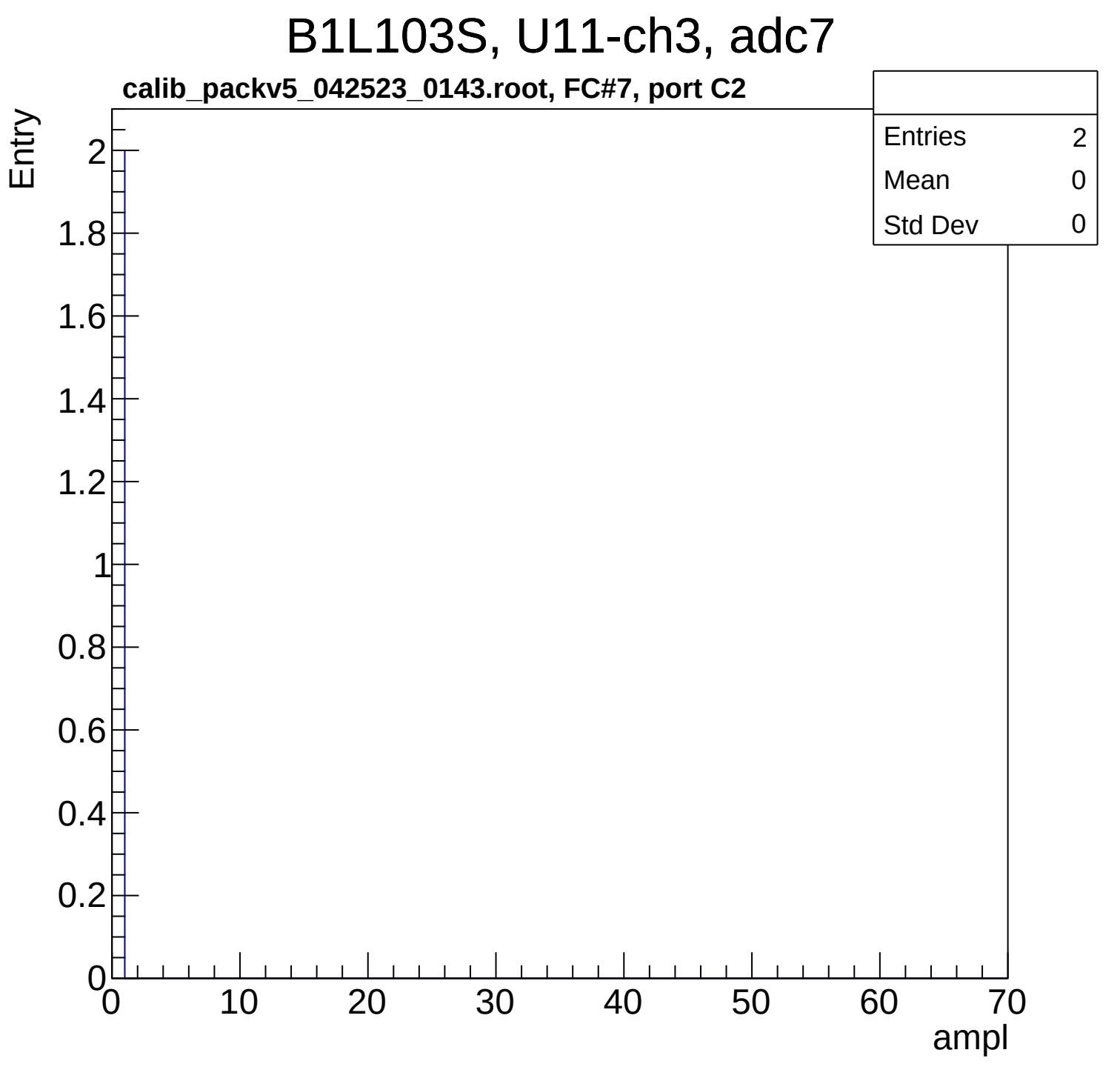
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch3, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 62
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


B1L103S, U11-ch3, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
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0.8
0.6
0.4
0.2
0
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10
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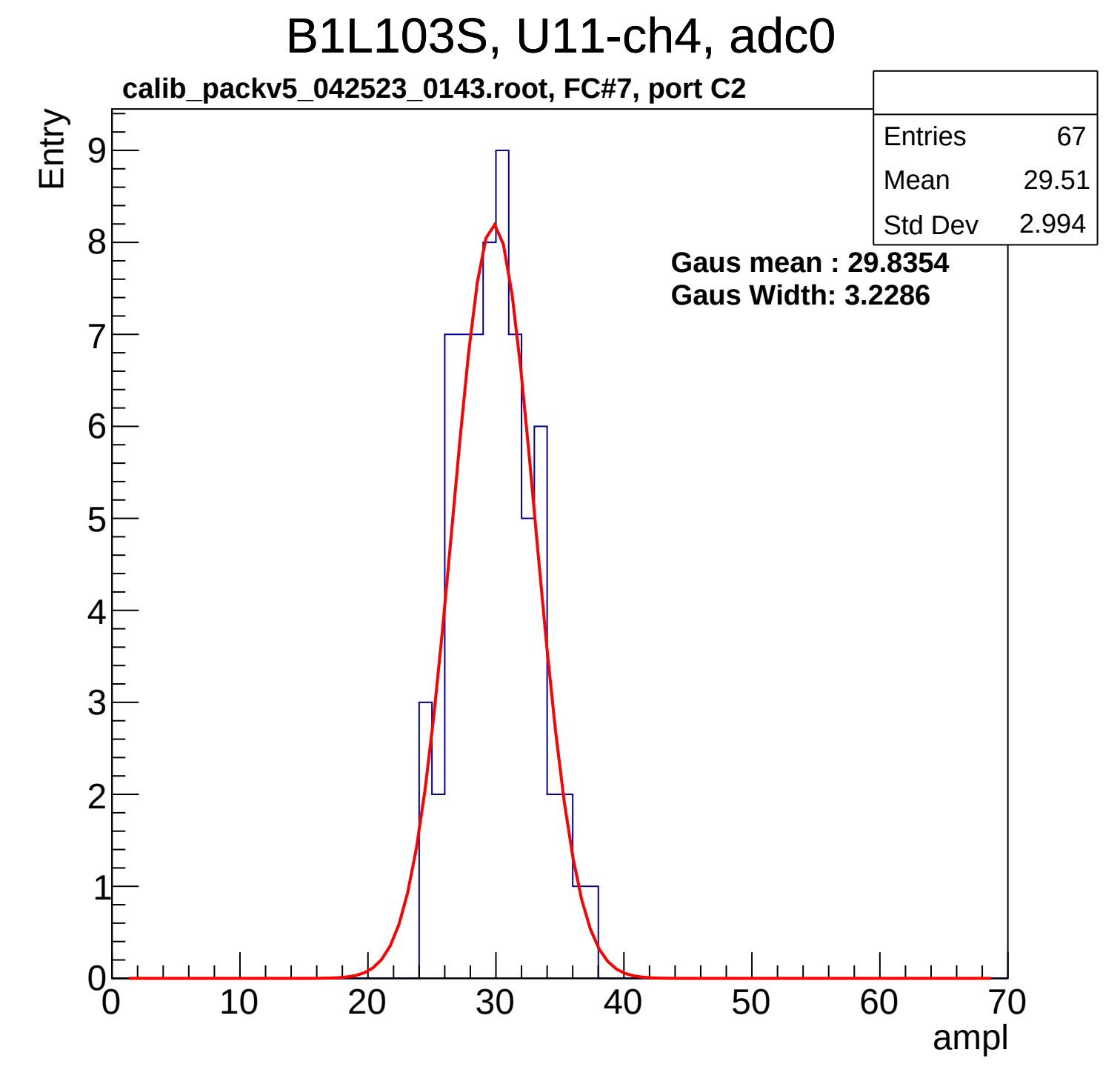
50
60
70
ampl


B1L103S, U11-ch4, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 29.51
Std Dev 2.994
Gaus mean : 29.8354
Gaus Width: 3.2286
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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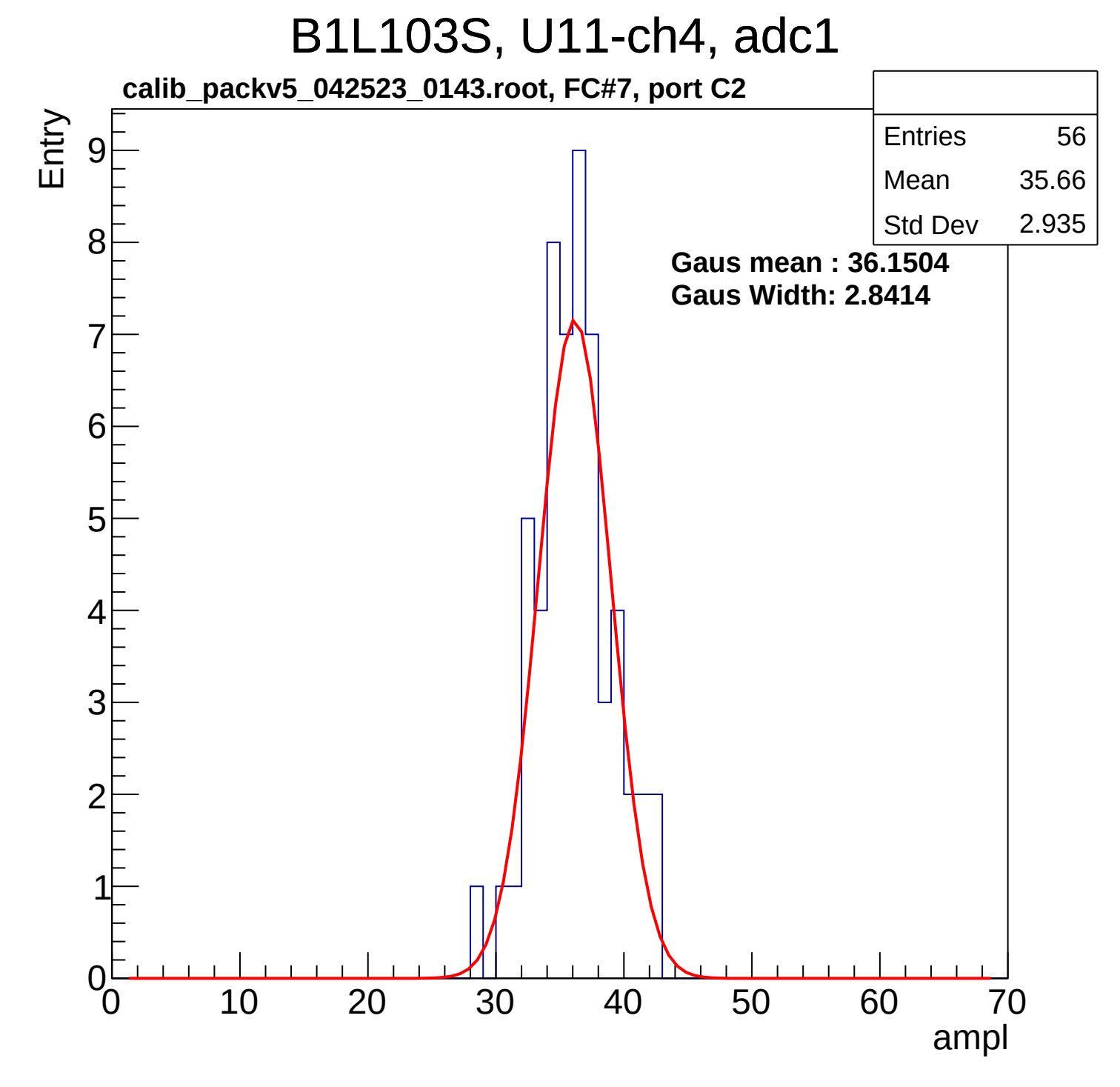
B1L103S, U11-ch4, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 35.66
Std Dev 2.935
Gaus mean : 36.1504
Gaus Width: 2.8414
Entry
ampl
0
1
2
3
4
5
6
7
8
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0
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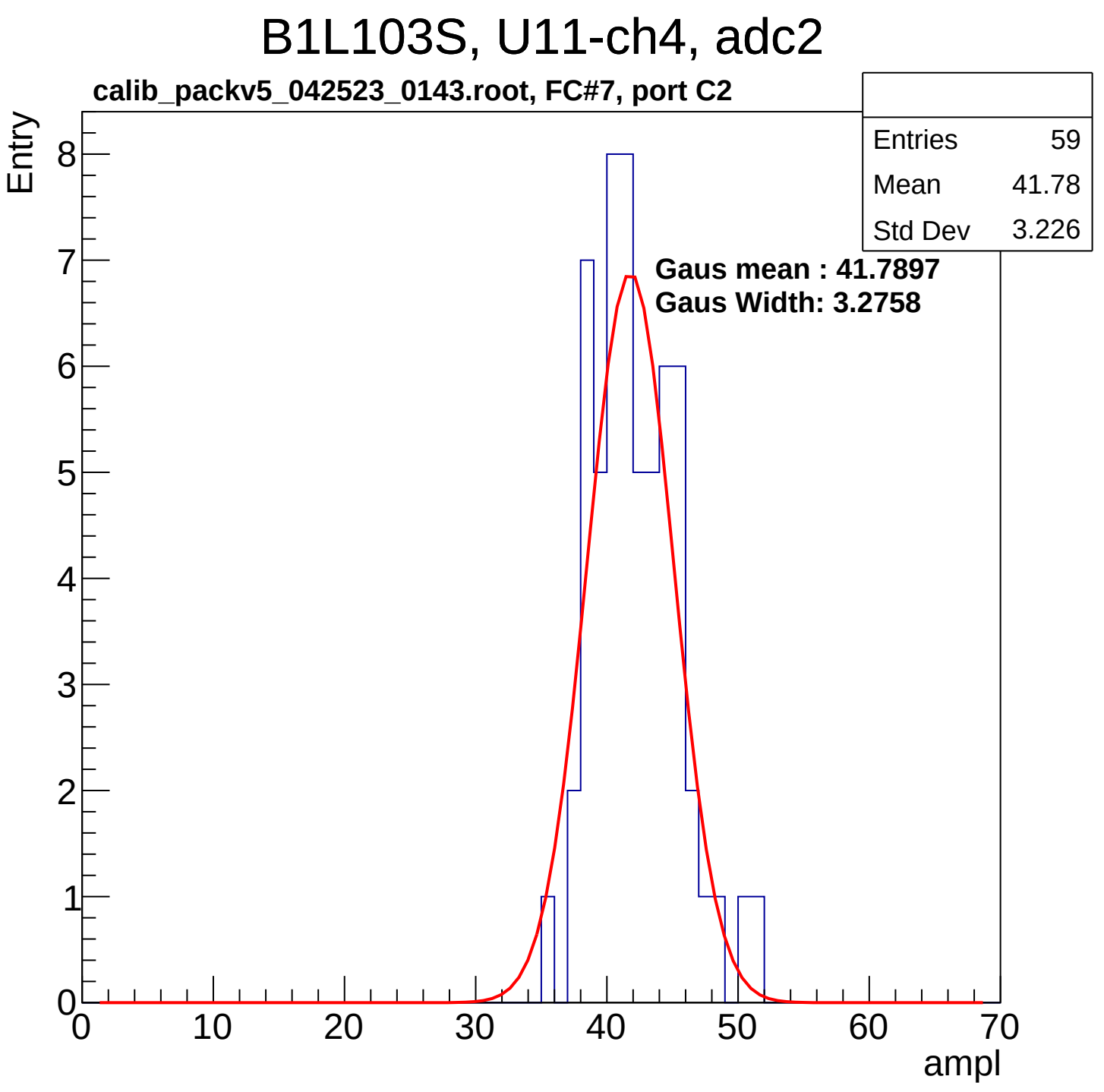
B1L103S, U11-ch4, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 41.78
Std Dev 3.226
Gaus mean : 41.7897
Gaus Width: 3.2758
Entry
ampl
0
1
2
3
4
5
6
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0
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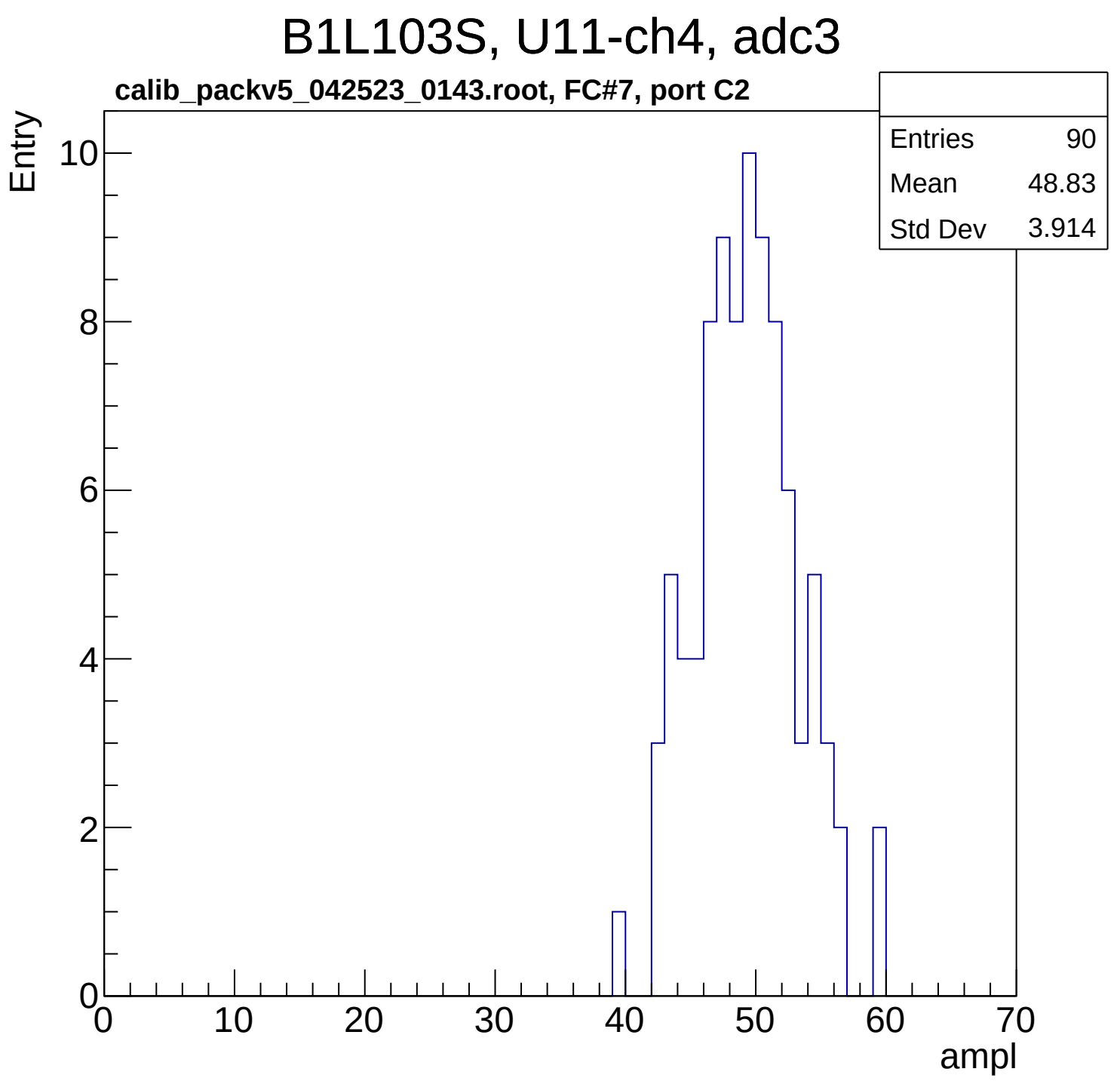
B1L103S, U11-ch4, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 90
Mean 48.83
Std Dev 3.914
Entry
ampl
0
2
4
6
8
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0
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20
30
40
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60
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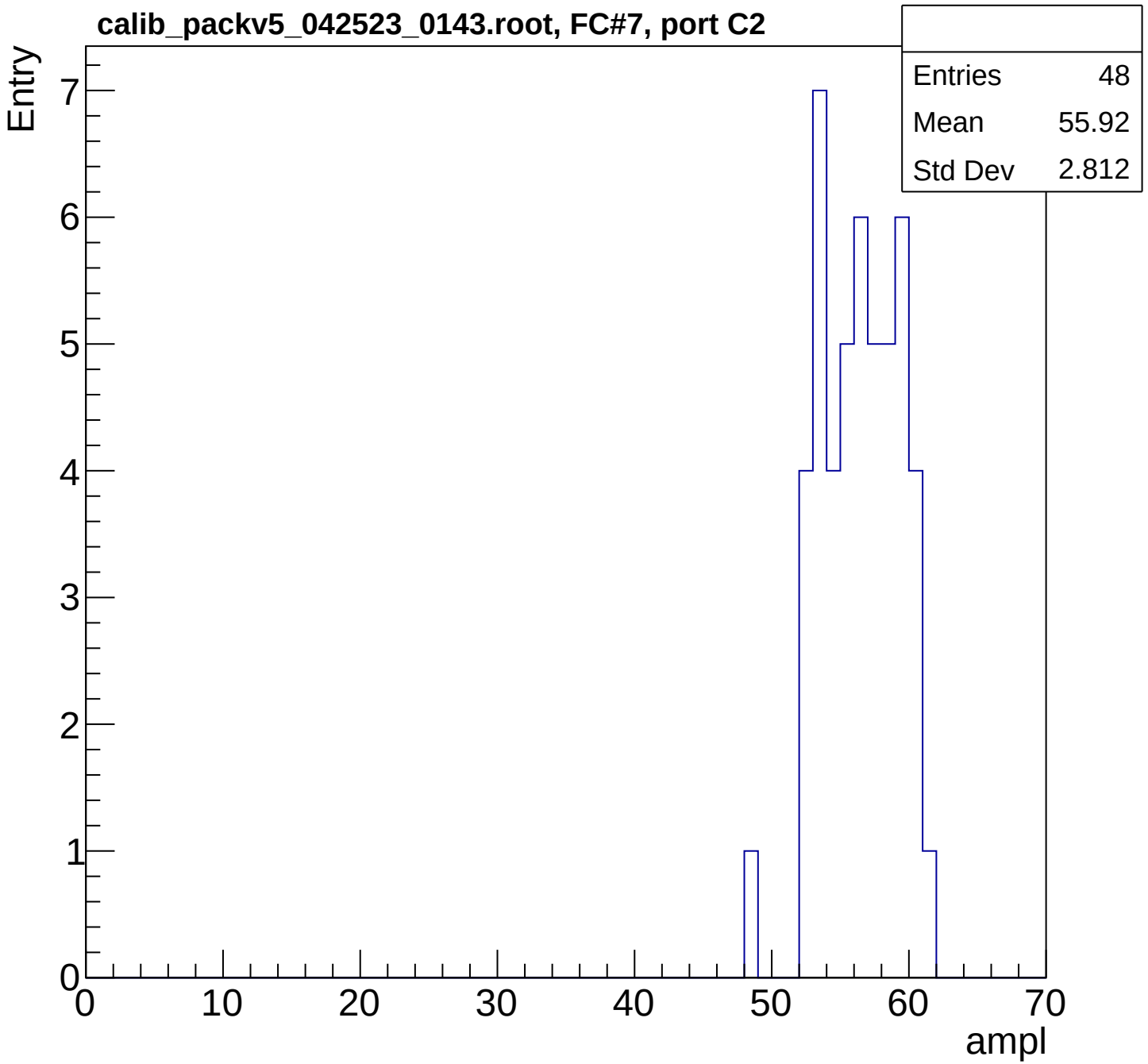
B1L103S, U11-ch4, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 48
Mean 55.92
Std Dev 2.812
Entry
ampl
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1
2
3
4
5
6
7
0
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40
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60
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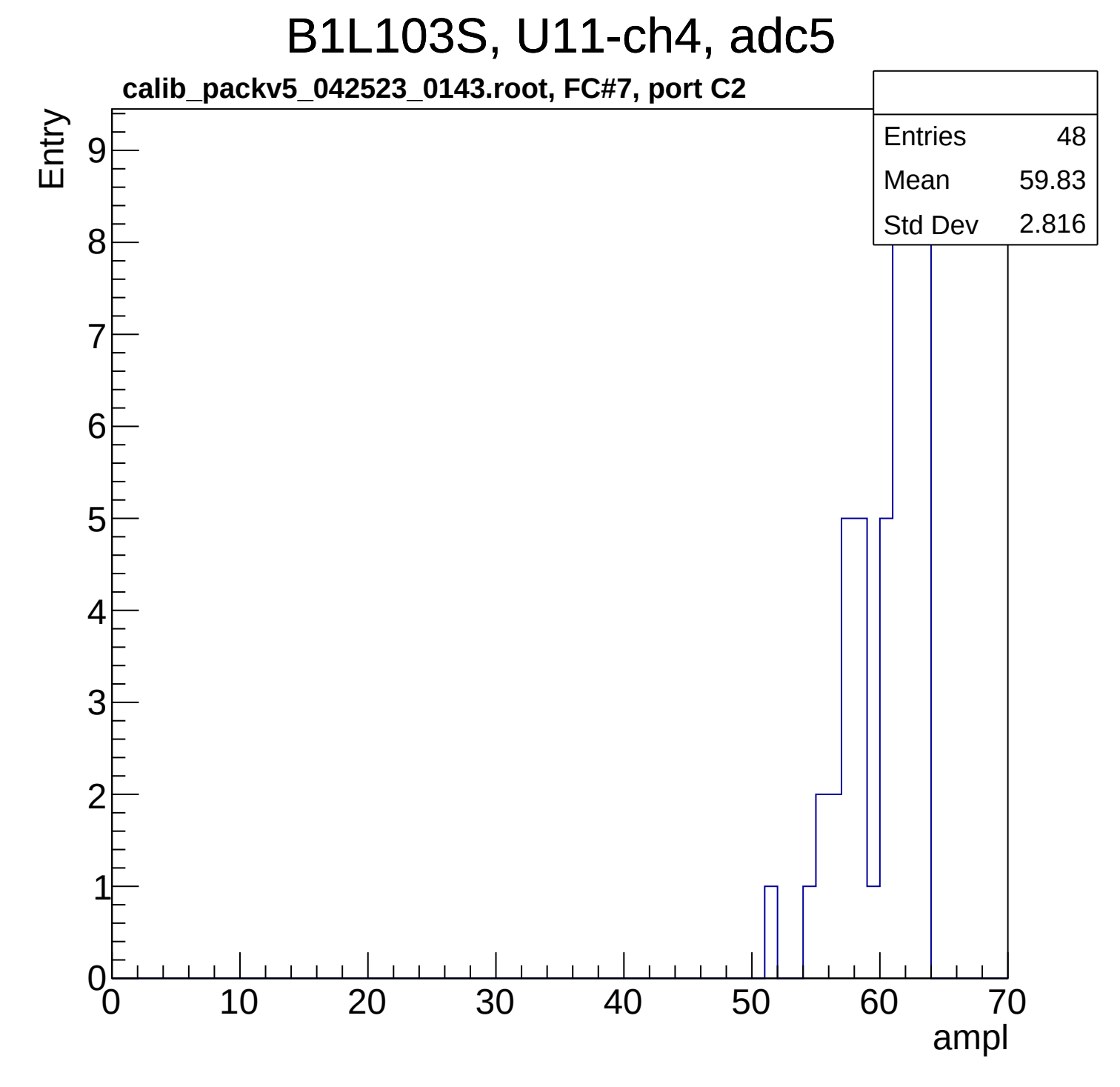
B1L103S, U11-ch4, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 48
Mean 59.83
Std Dev 2.816
Entry
ampl
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2
3
4
5
6
7
8
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0
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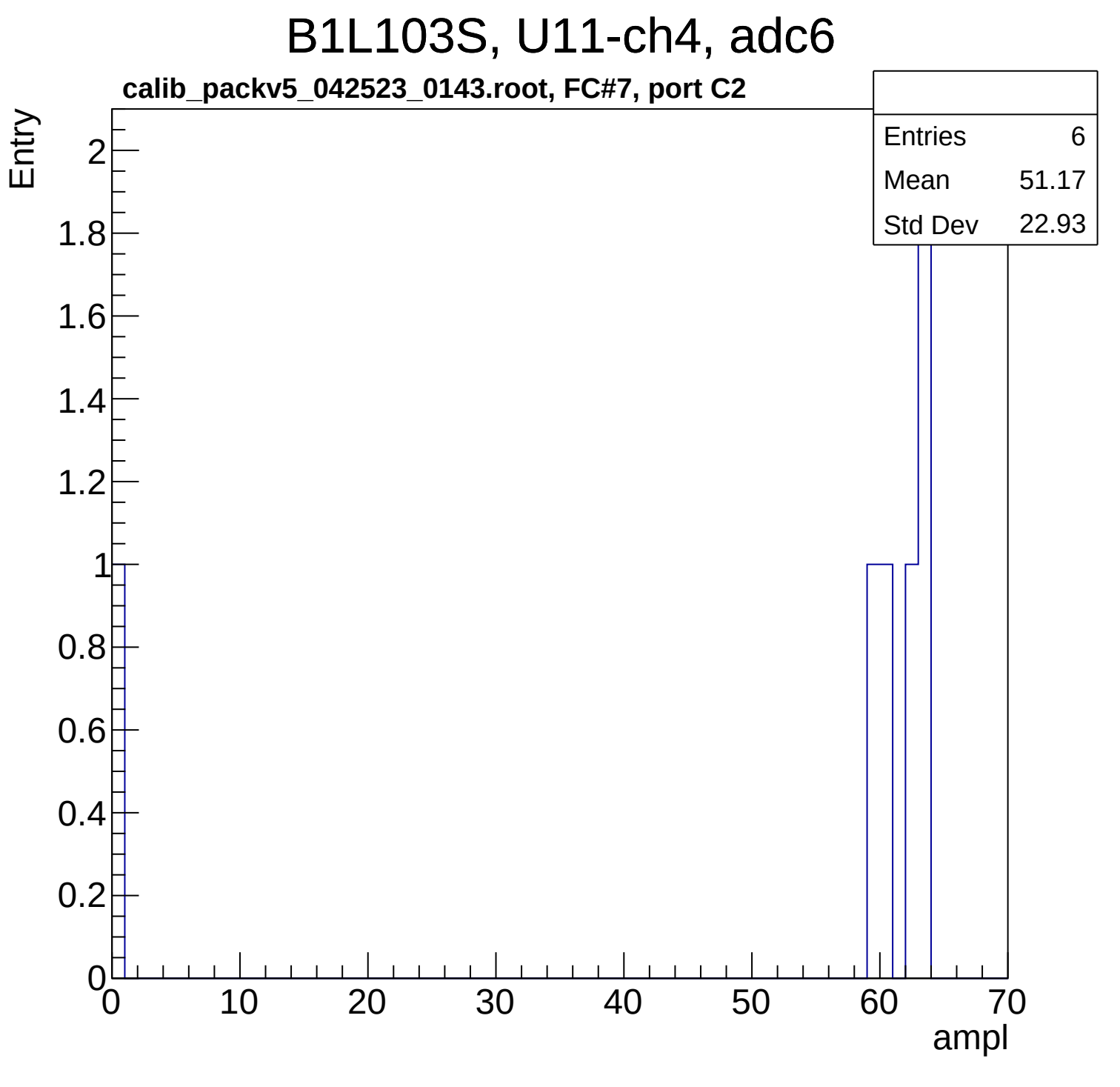
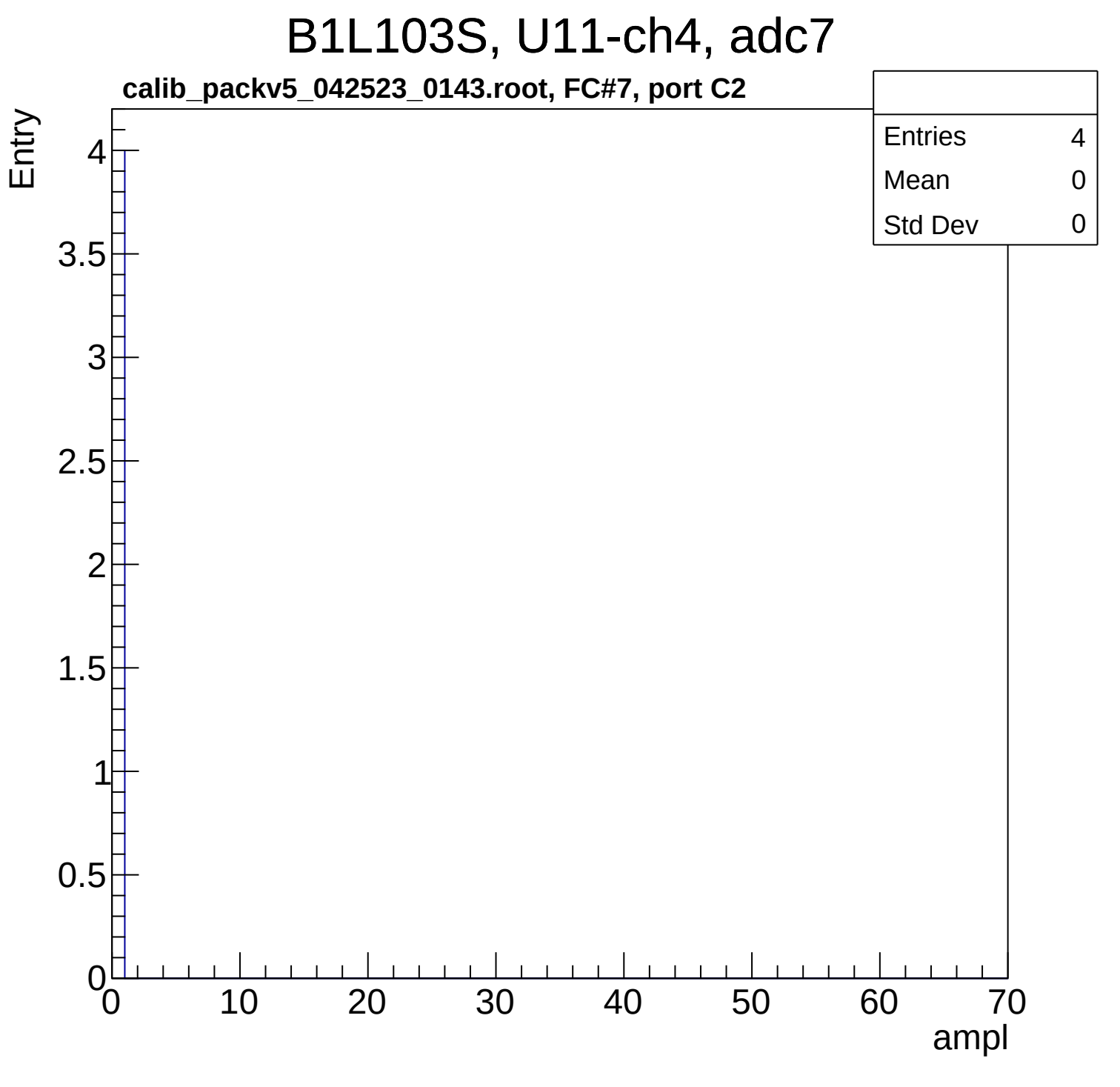
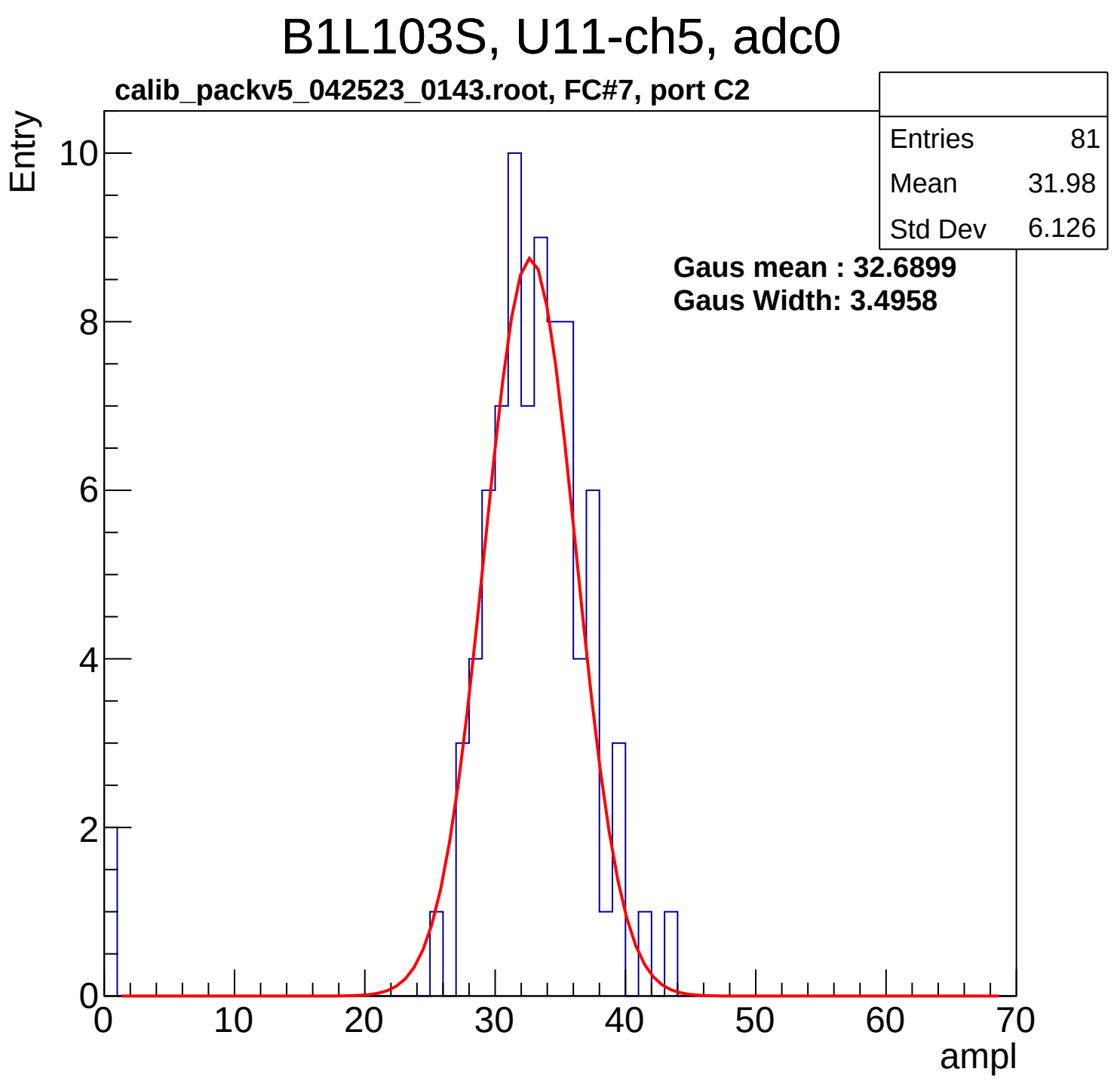

B1L103S, U11-ch4, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 6
Mean 51.17
Std Dev 22.93
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L103S, U11-ch4, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 4
Mean 0
Std Dev 0
Entry
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch5, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 81
Mean 31.98
Std Dev 6.126
Gaus mean : 32.6899
Gaus Width: 3.4958
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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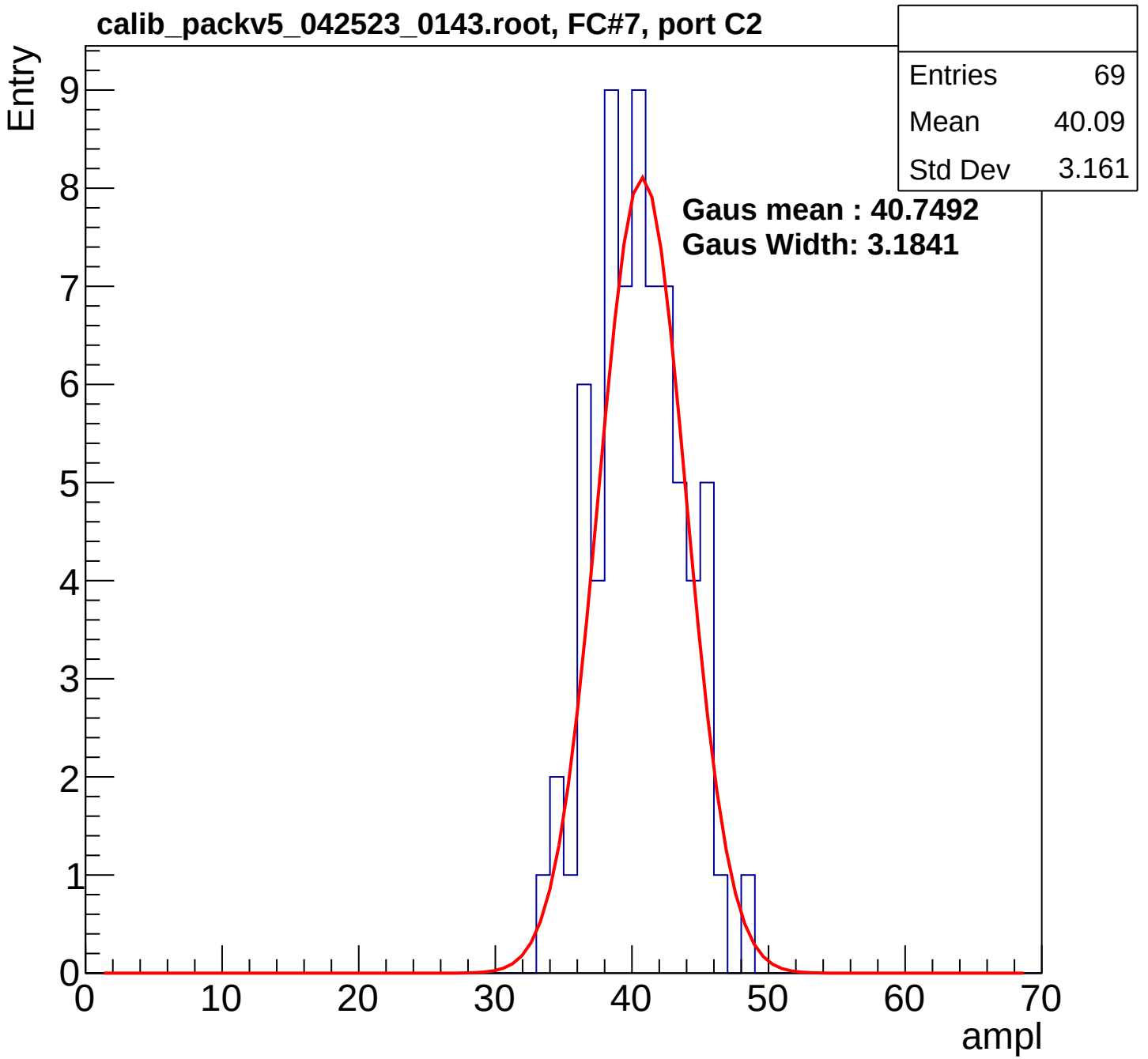
B1L103S, U11-ch5, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 40.09
Std Dev 3.161
Gaus mean : 40.7492
Gaus Width: 3.1841
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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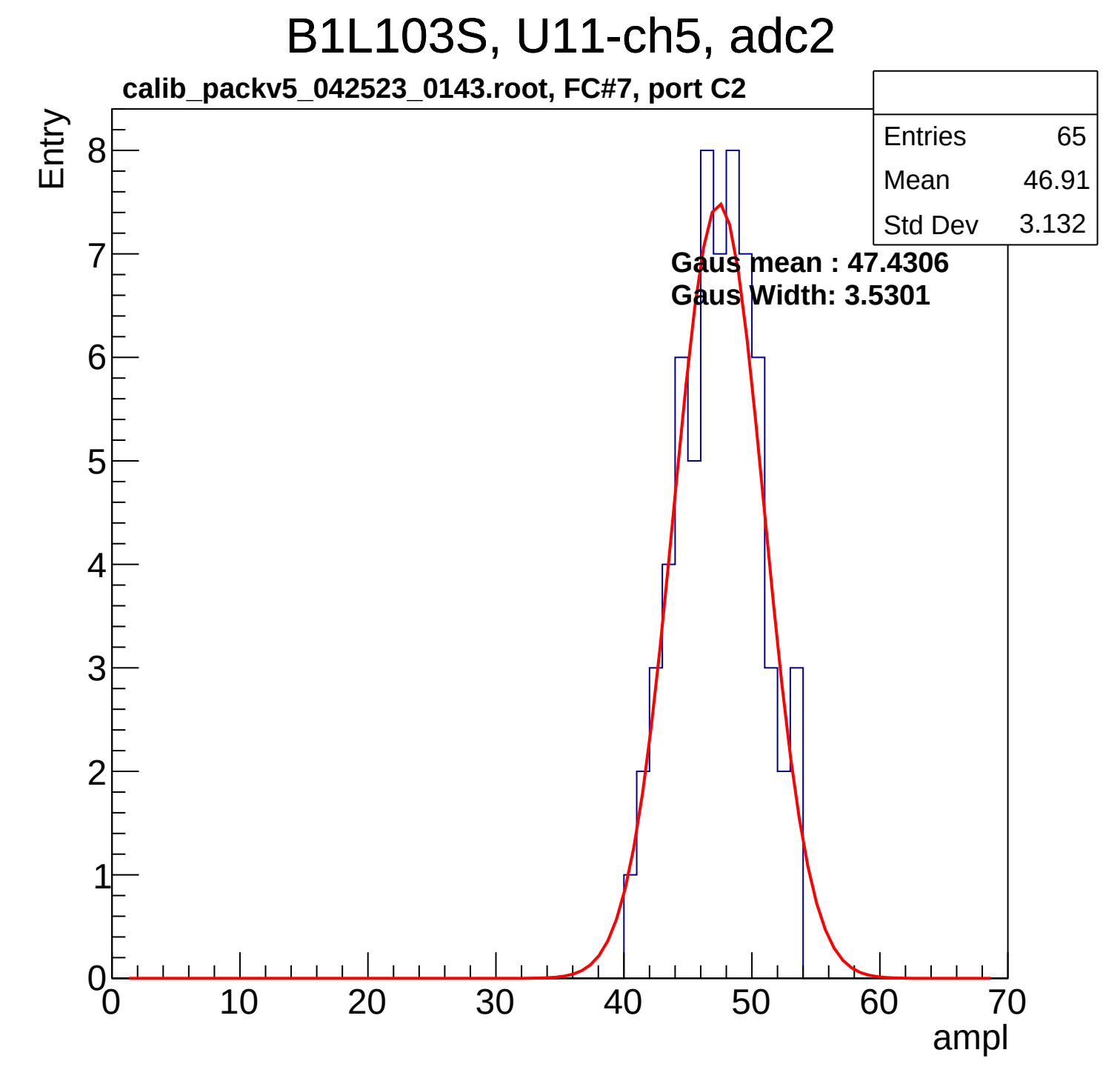
B1L103S, U11-ch5, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 46.91
Std Dev 3.132
Gaus mean : 47.4306
Gaus Width: 3.5301
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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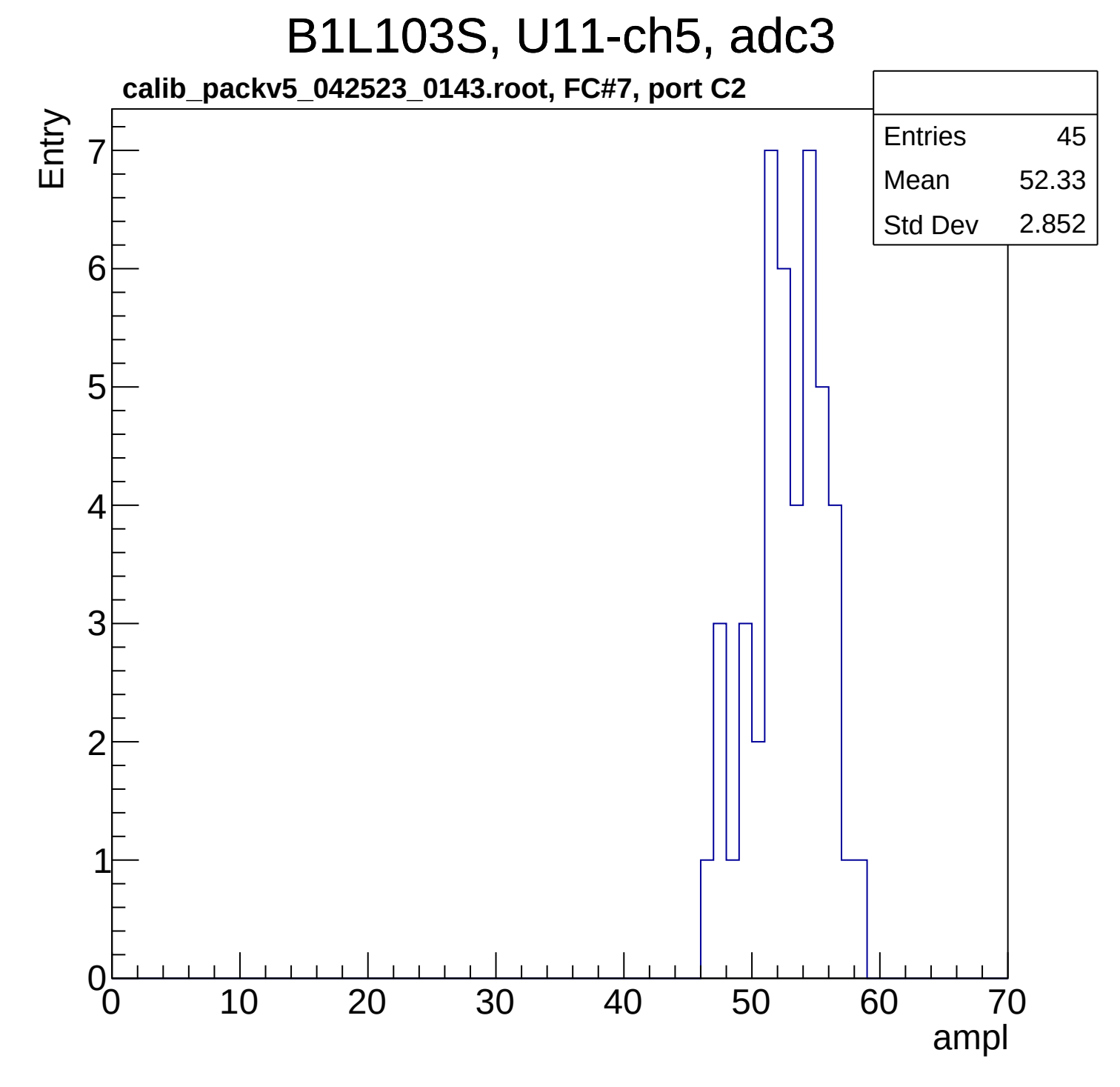
B1L103S, U11-ch5, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 45
Mean 52.33
Std Dev 2.852
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
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40
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60
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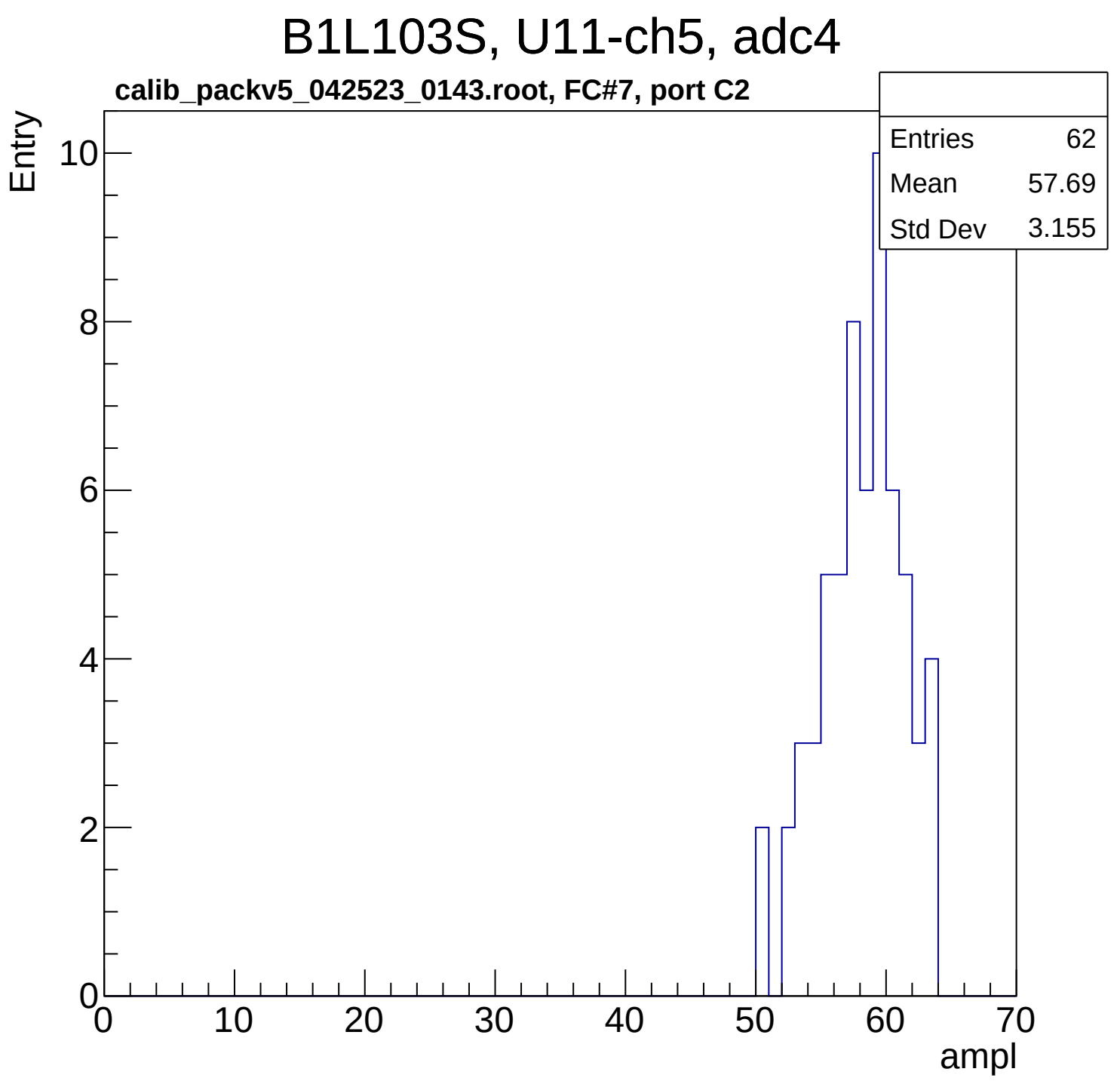
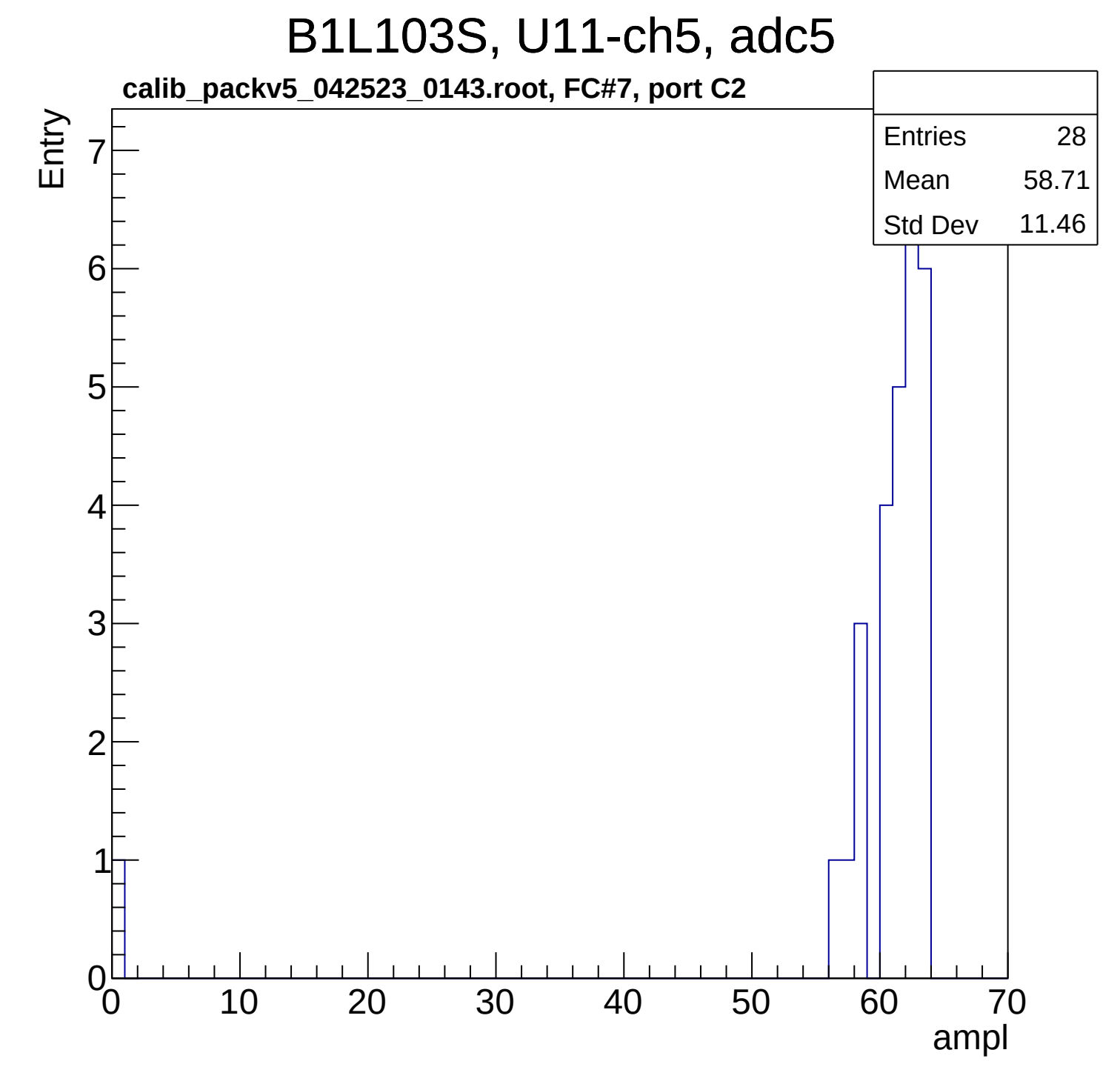

B1L103S, U11-ch5, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 57.69
Std Dev 3.155
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch5, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 28
Mean 58.71
Std Dev 11.46
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
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40
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60
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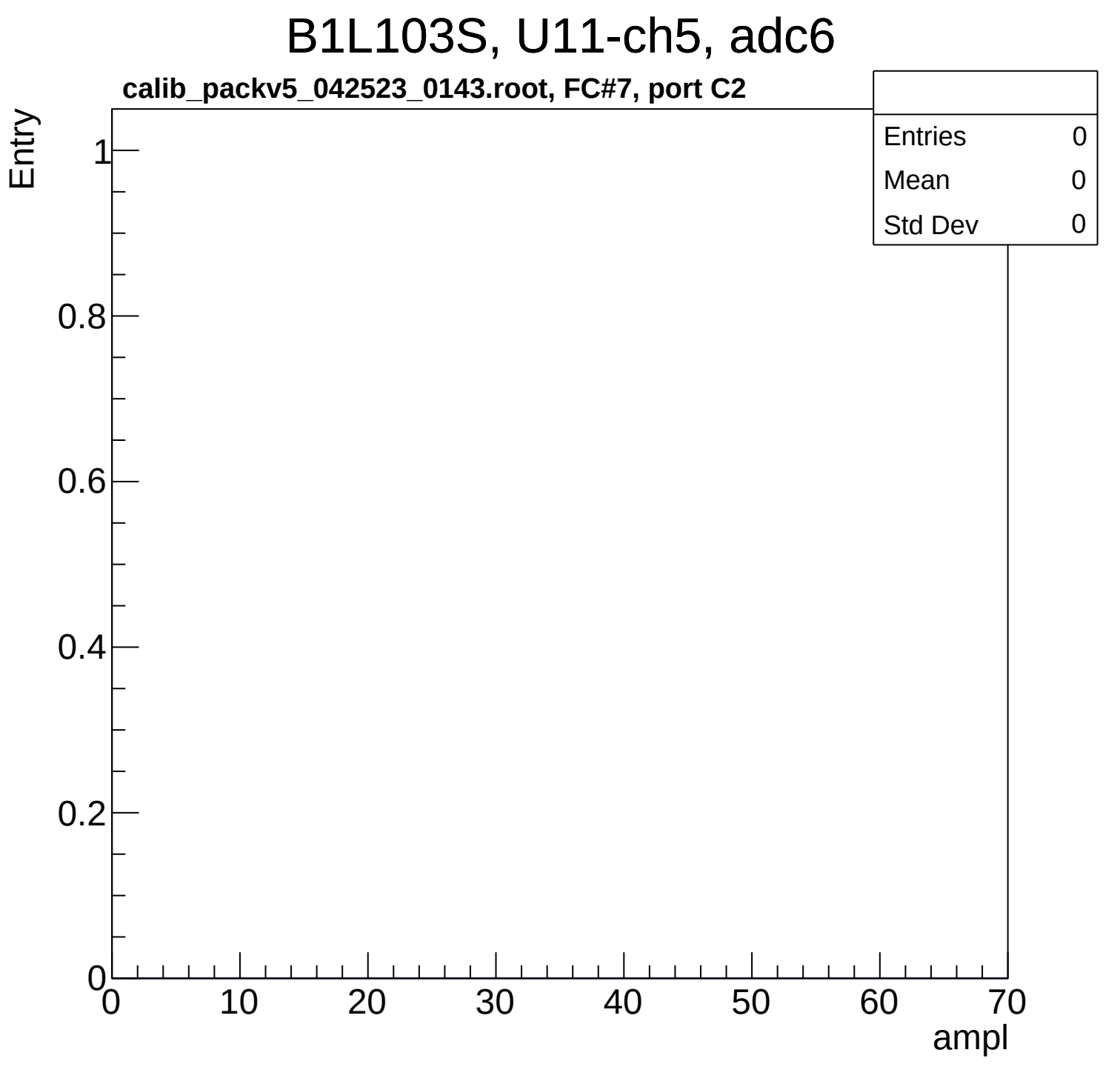
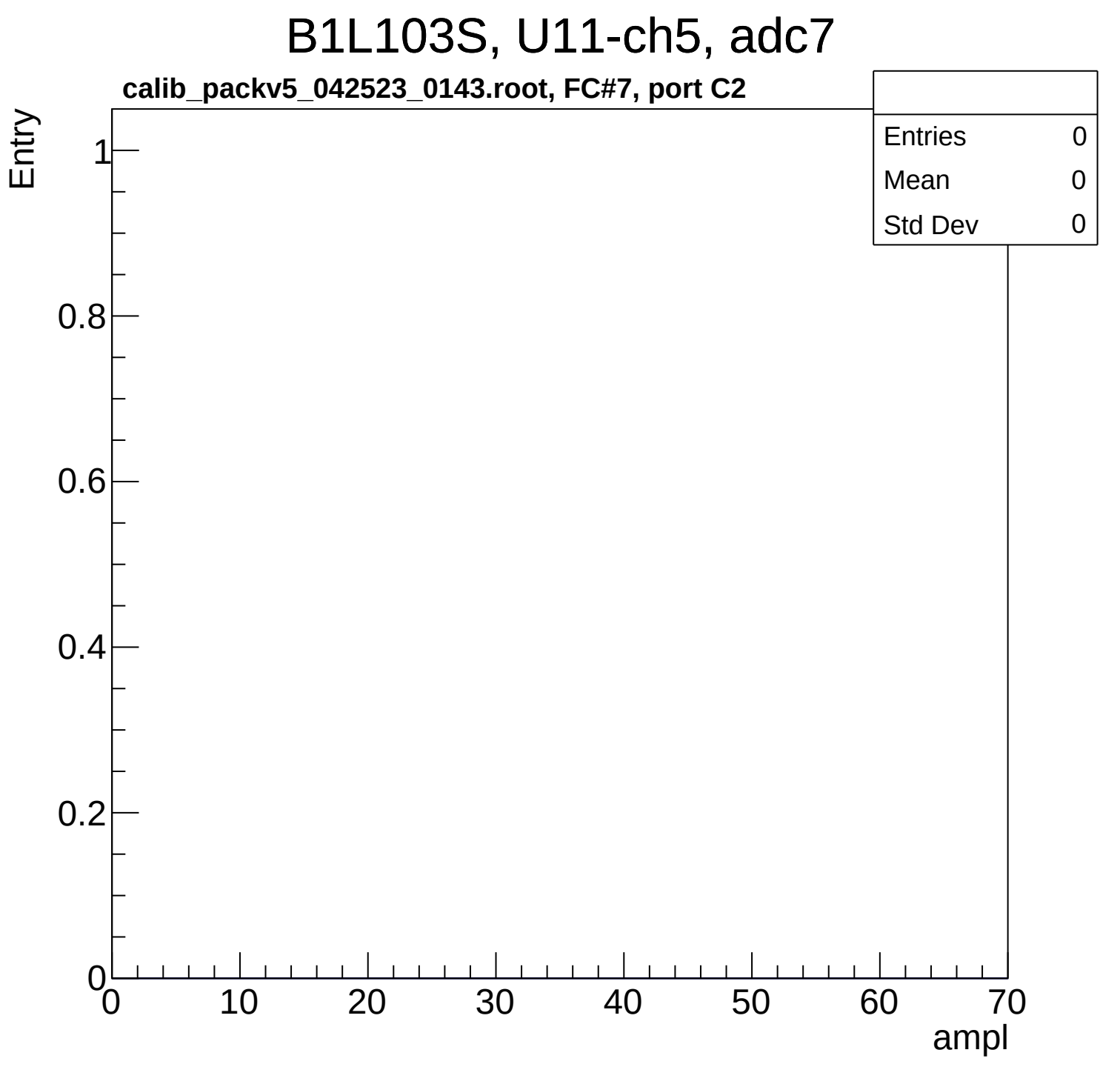

B1L103S, U11-ch5, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch5, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
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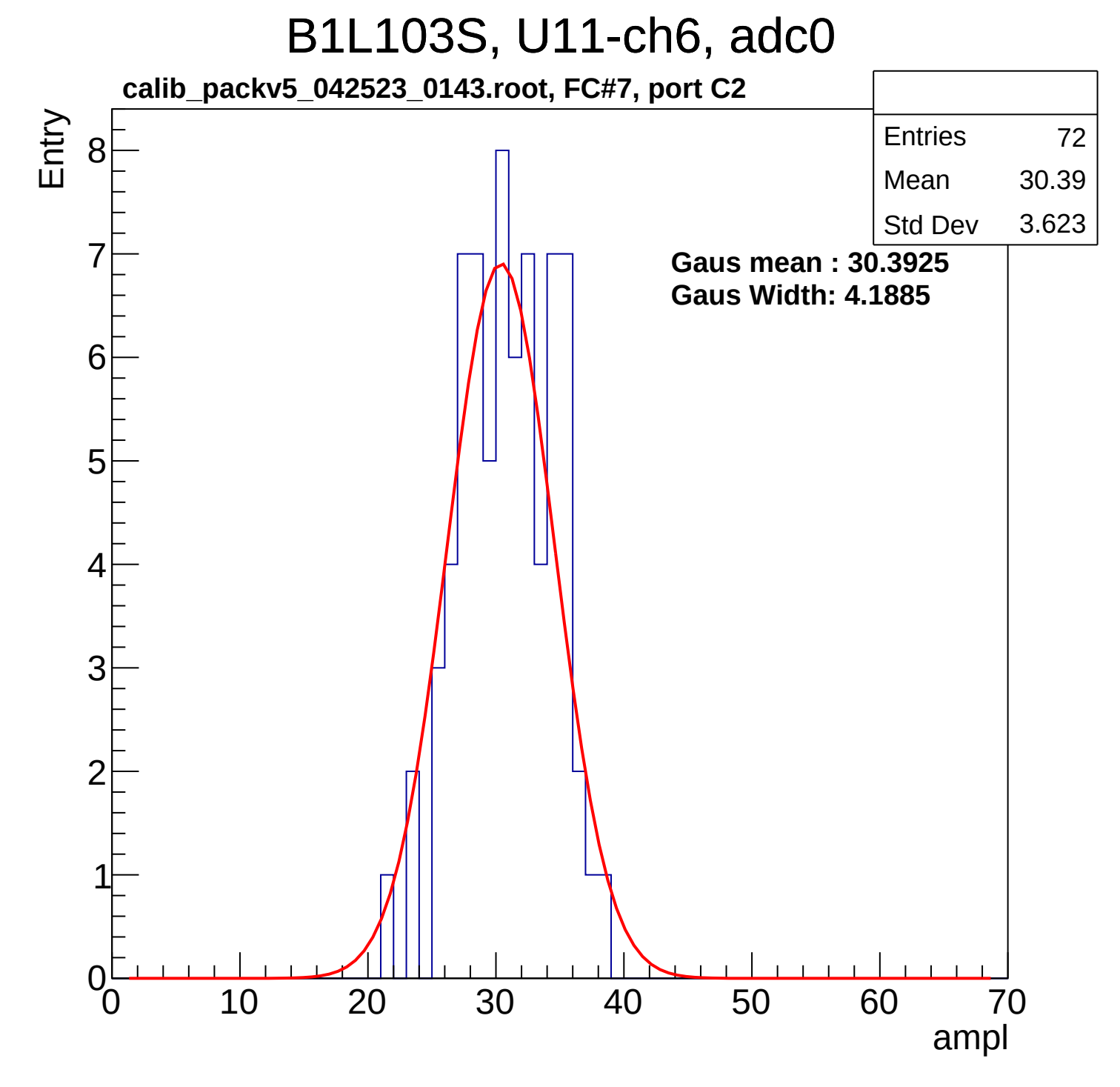
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch6, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 30.39
Std Dev 3.623
Gaus mean : 30.3925
Gaus Width: 4.1885
Entry
ampl
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1
2
3
4
5
6
7
8
0
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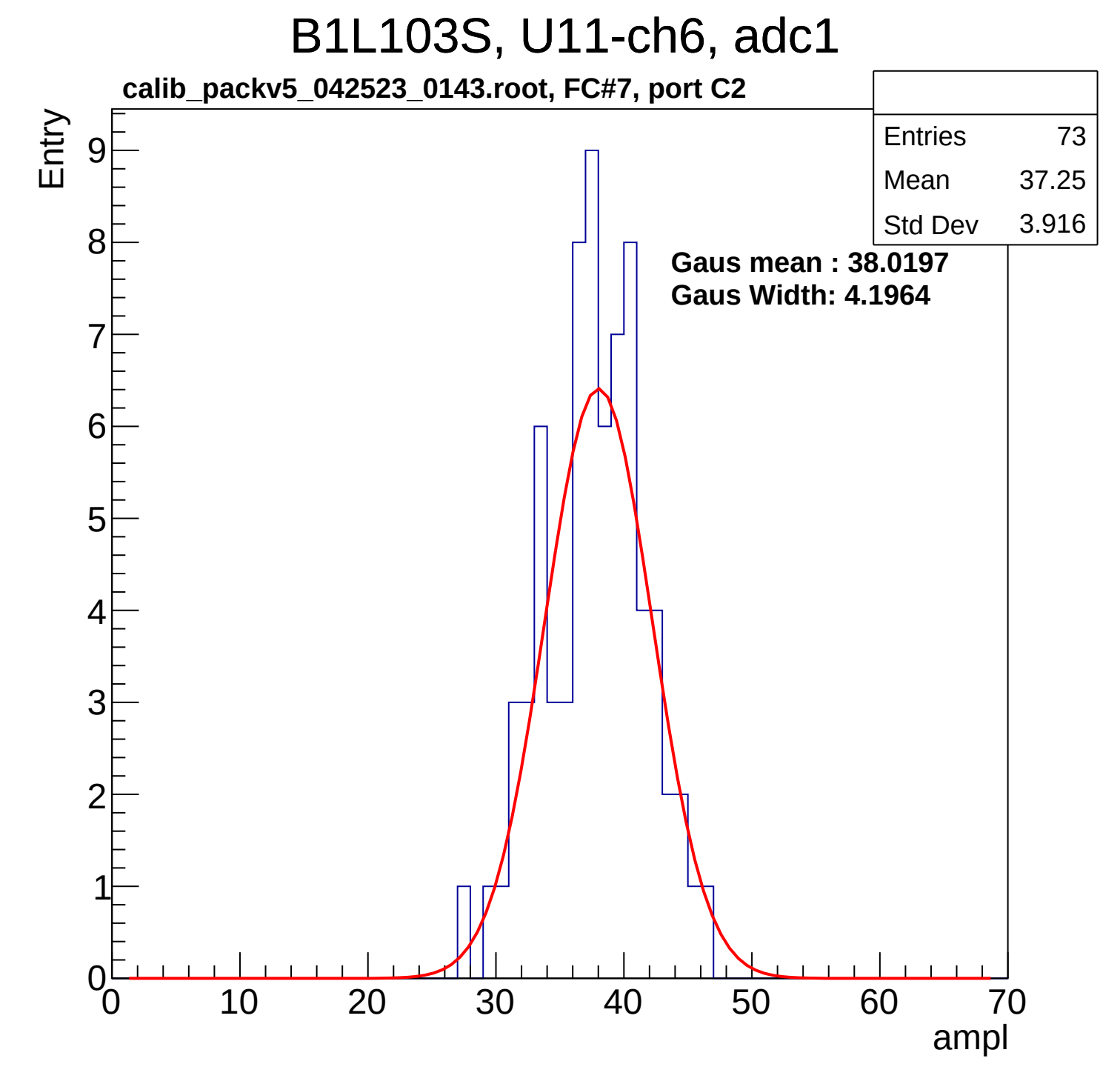
20
30
40
50
60
70


B1L103S, U11-ch6, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 37.25
Std Dev 3.916
Gaus mean : 38.0197
Gaus Width: 4.1964
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
30
40
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60
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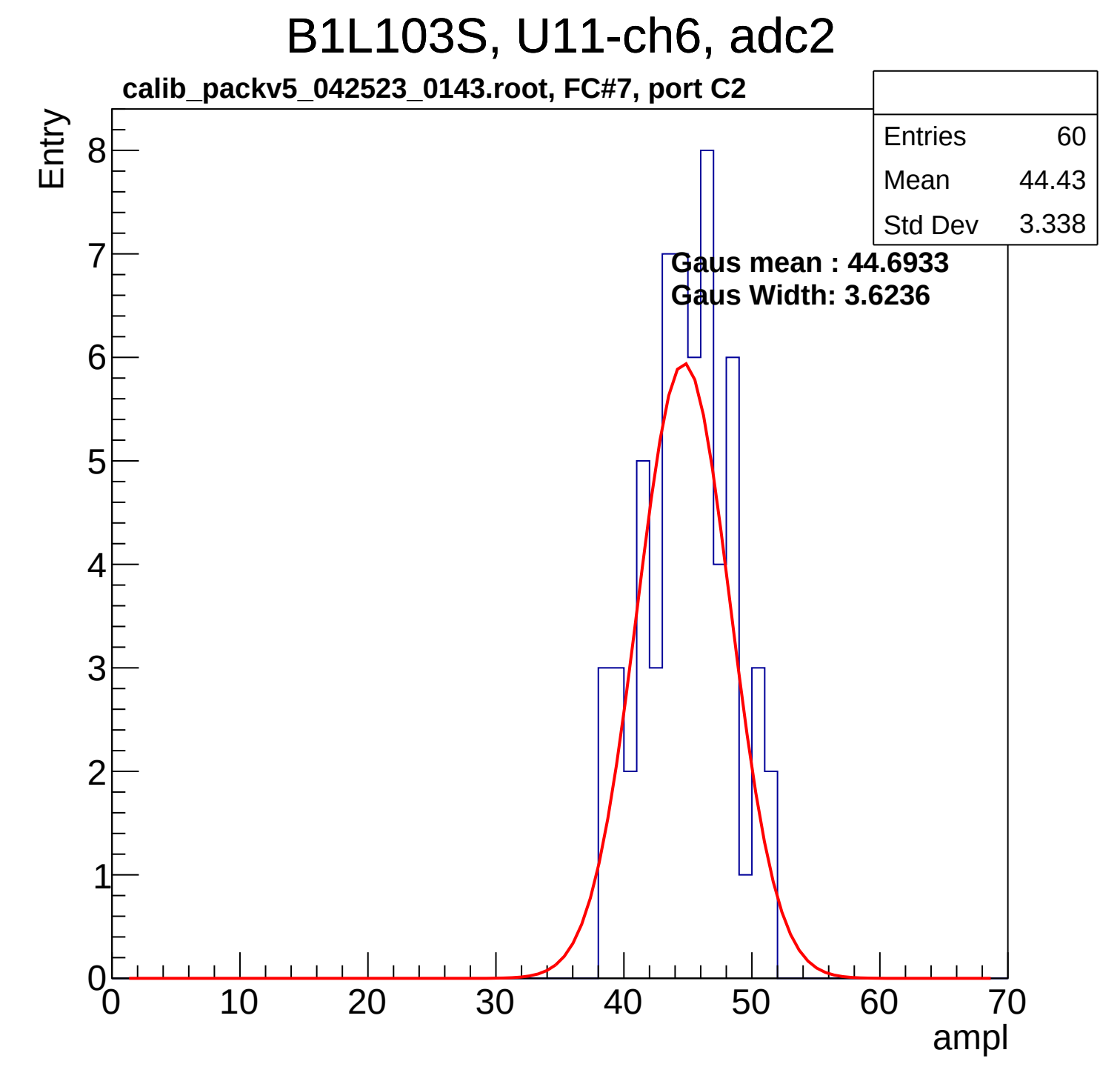
B1L103S, U11-ch6, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 44.43
Std Dev 3.338
Gaus mean : 44.6933
Gaus Width: 3.6236
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
50
60
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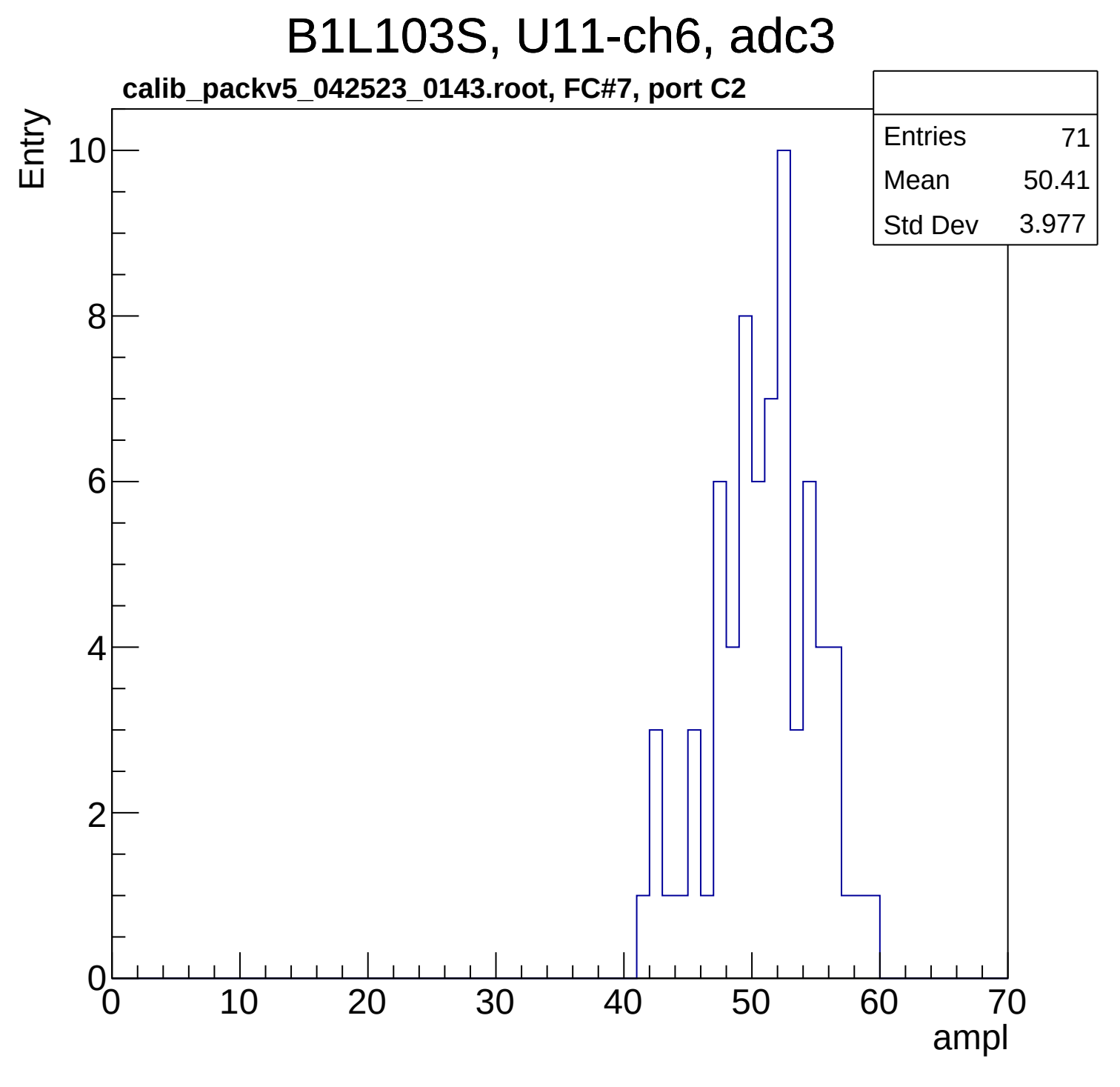
B1L103S, U11-ch6, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 50.41
Std Dev 3.977
Entry
ampl
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0
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60
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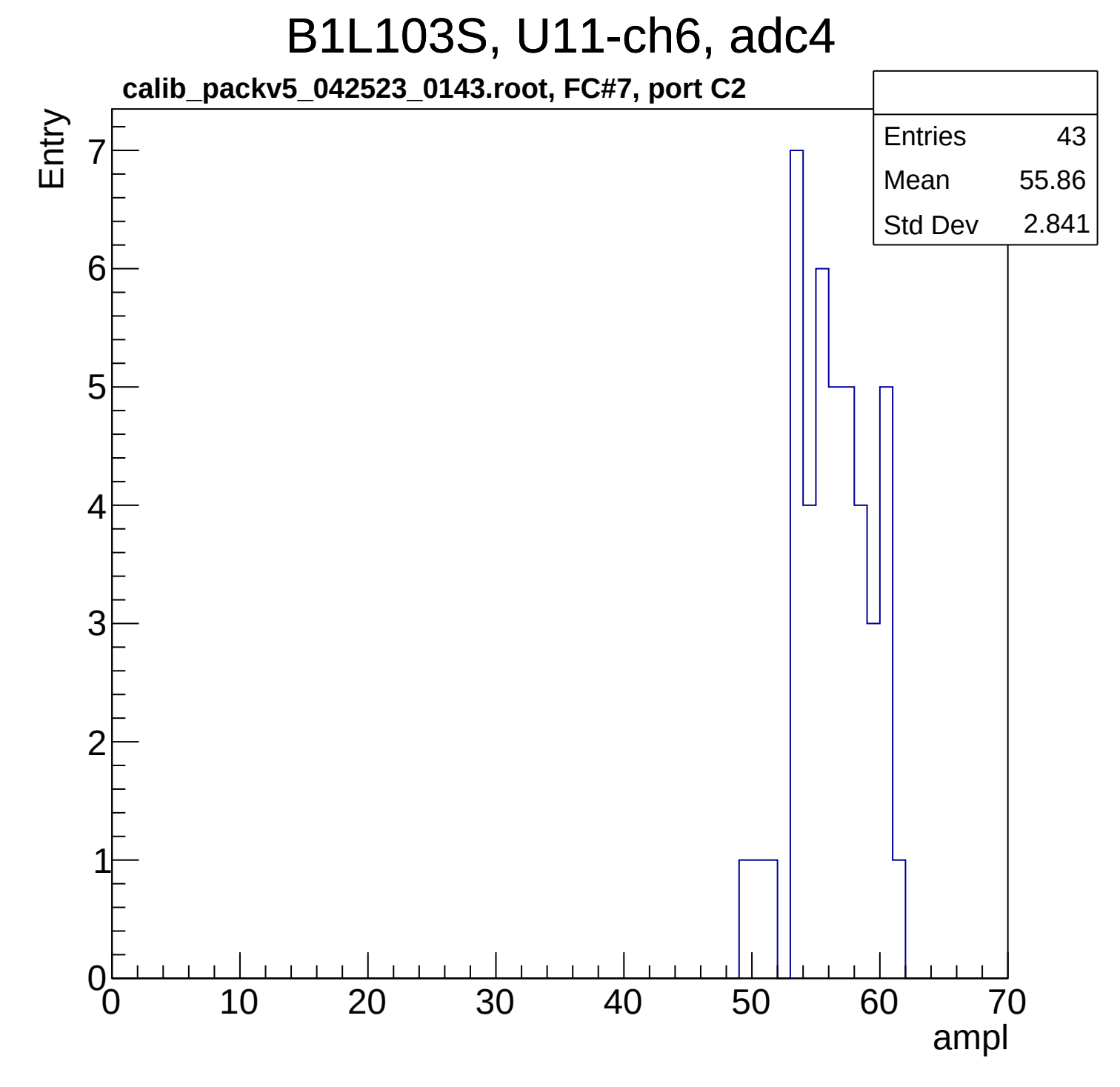
B1L103S, U11-ch6, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 43
Mean 55.86
Std Dev 2.841
Entry
ampl
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3
4
5
6
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0
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40
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60
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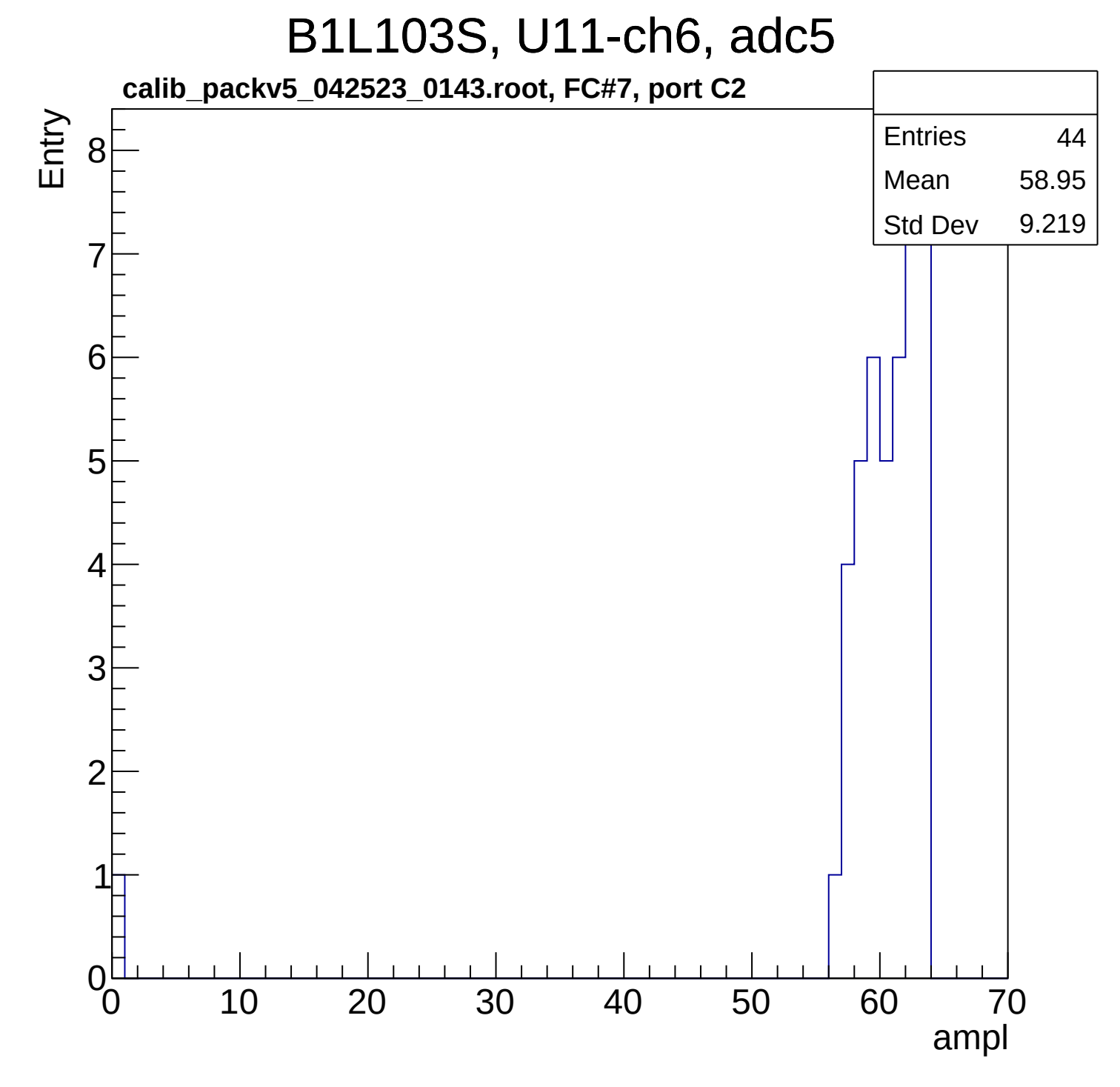
B1L103S, U11-ch6, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 44
Mean 58.95
Std Dev 9.219
Entry
ampl
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4
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0
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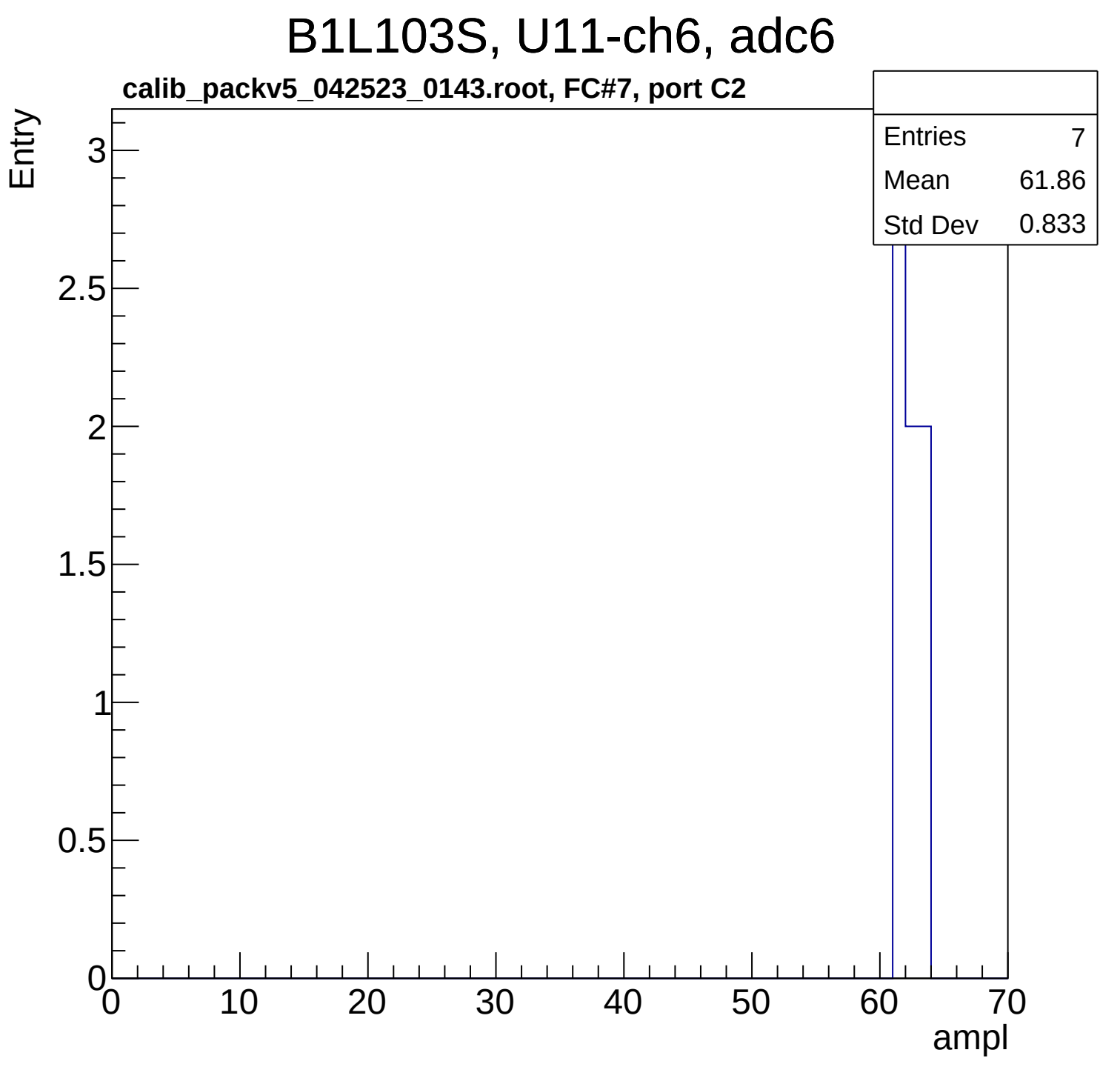
B1L103S, U11-ch6, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 7
Mean 61.86
Std Dev 0.833
Entry
ampl
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1.5
2
2.5
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0
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20
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60
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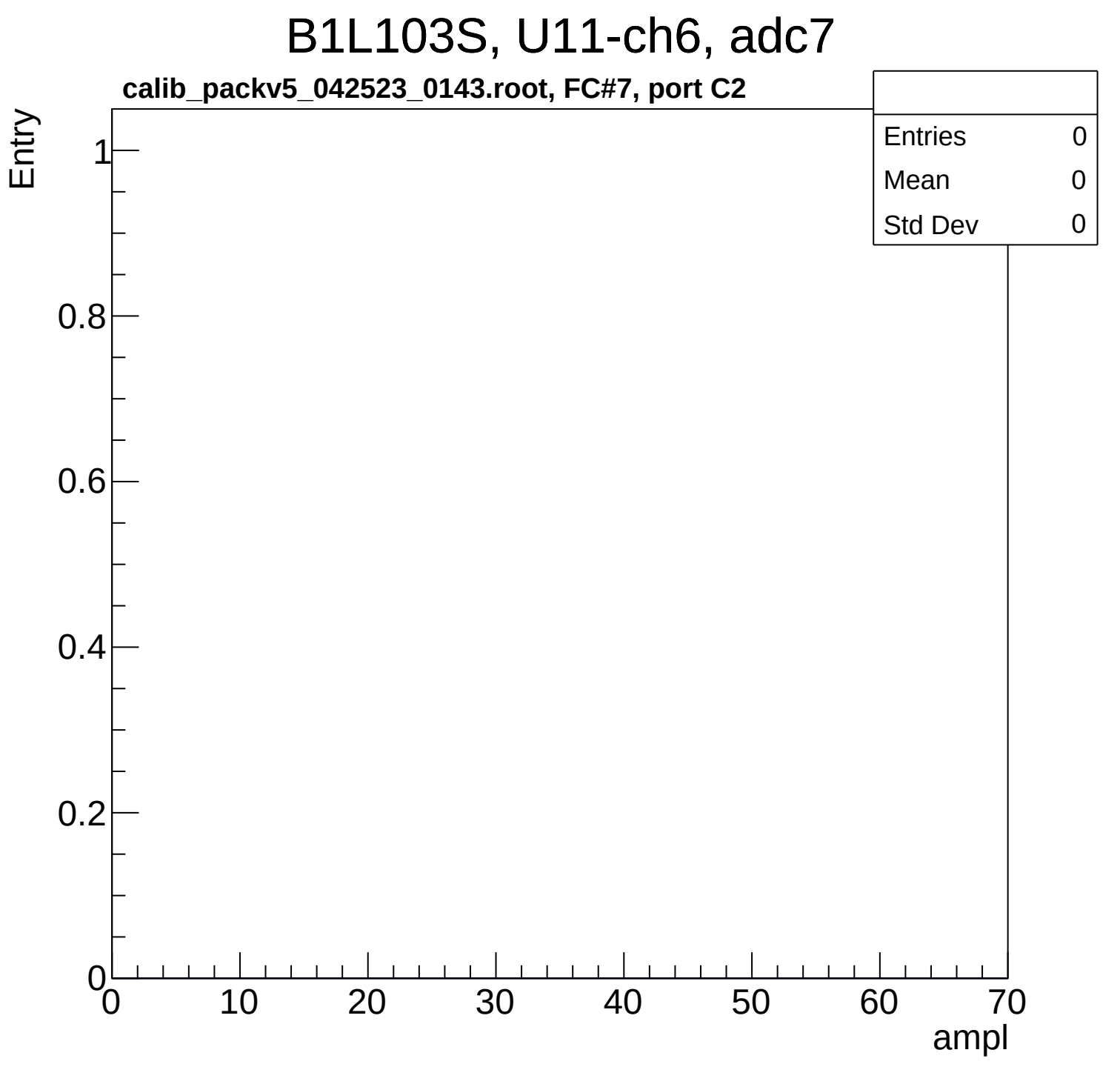
B1L103S, U11-ch6, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
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0
10
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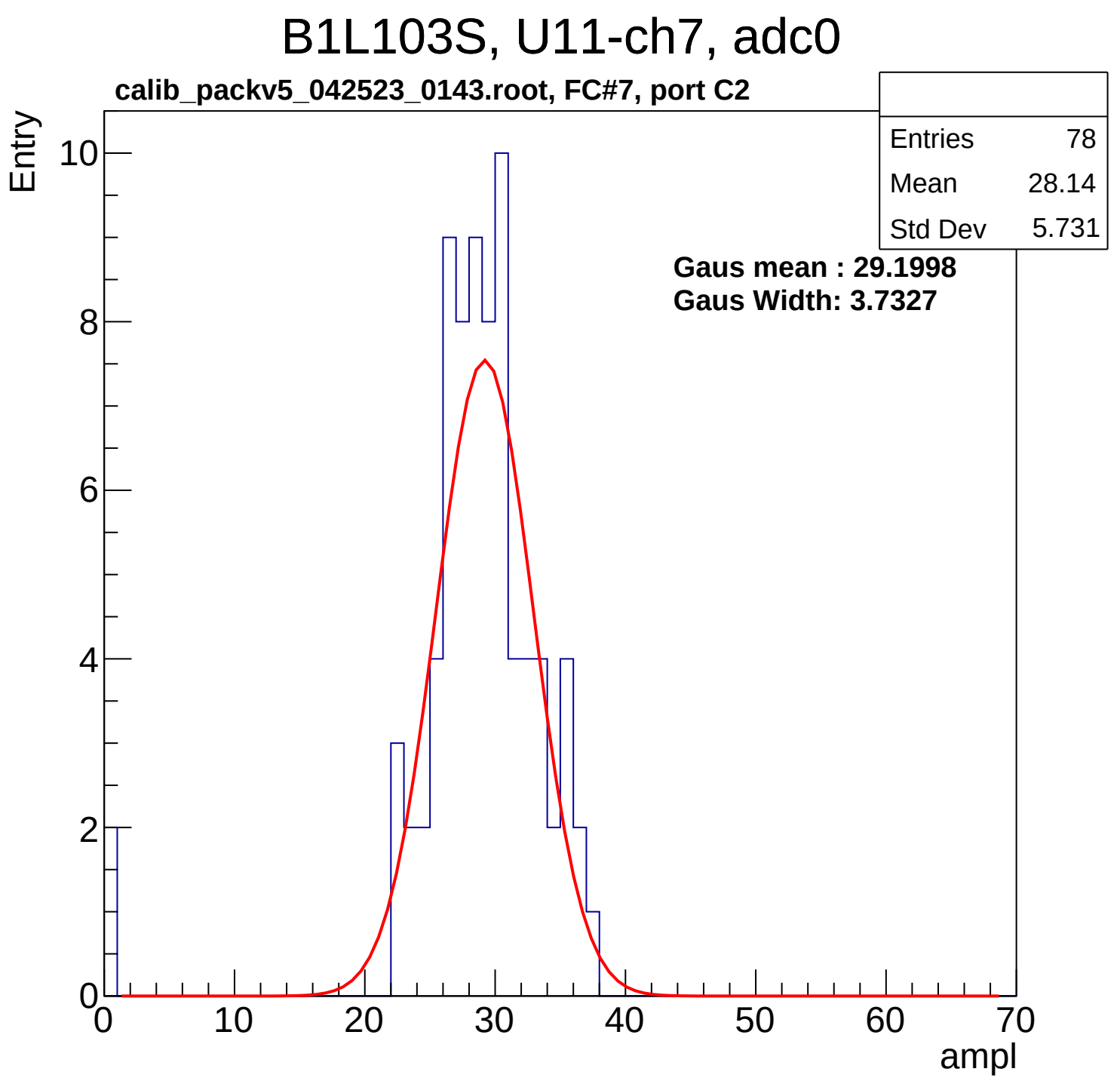
40
50
60
70
ampl


B1L103S, U11-ch7, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 78
Mean 28.14
Std Dev 5.731
Gaus mean : 29.1998
Gaus Width: 3.7327
Entry
ampl
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6
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0
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40
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60
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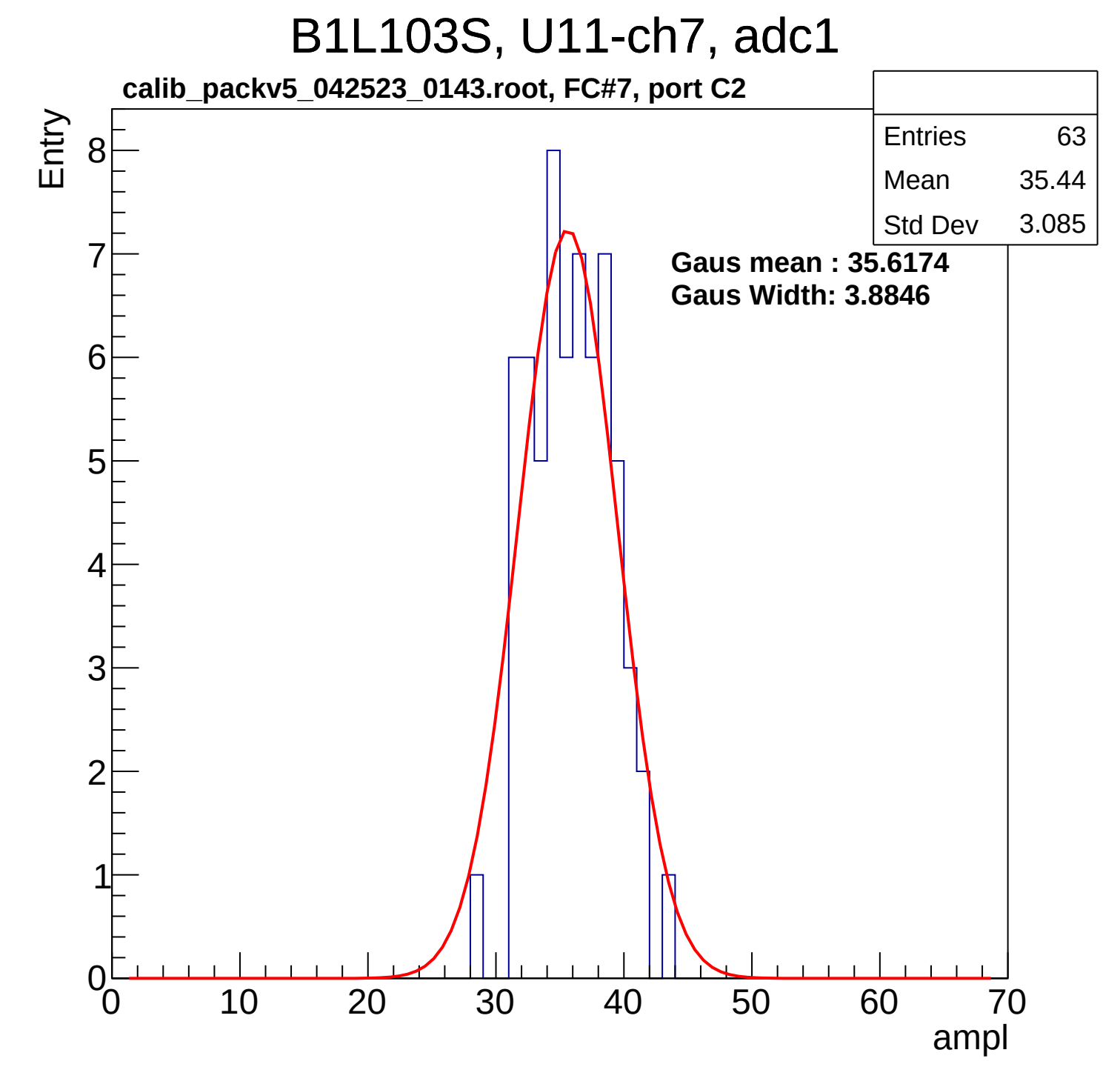
B1L103S, U11-ch7, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 35.44
Std Dev 3.085
Gaus mean : 35.6174
Gaus Width: 3.8846
Entry
ampl
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2
3
4
5
6
7
8
0
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20
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60
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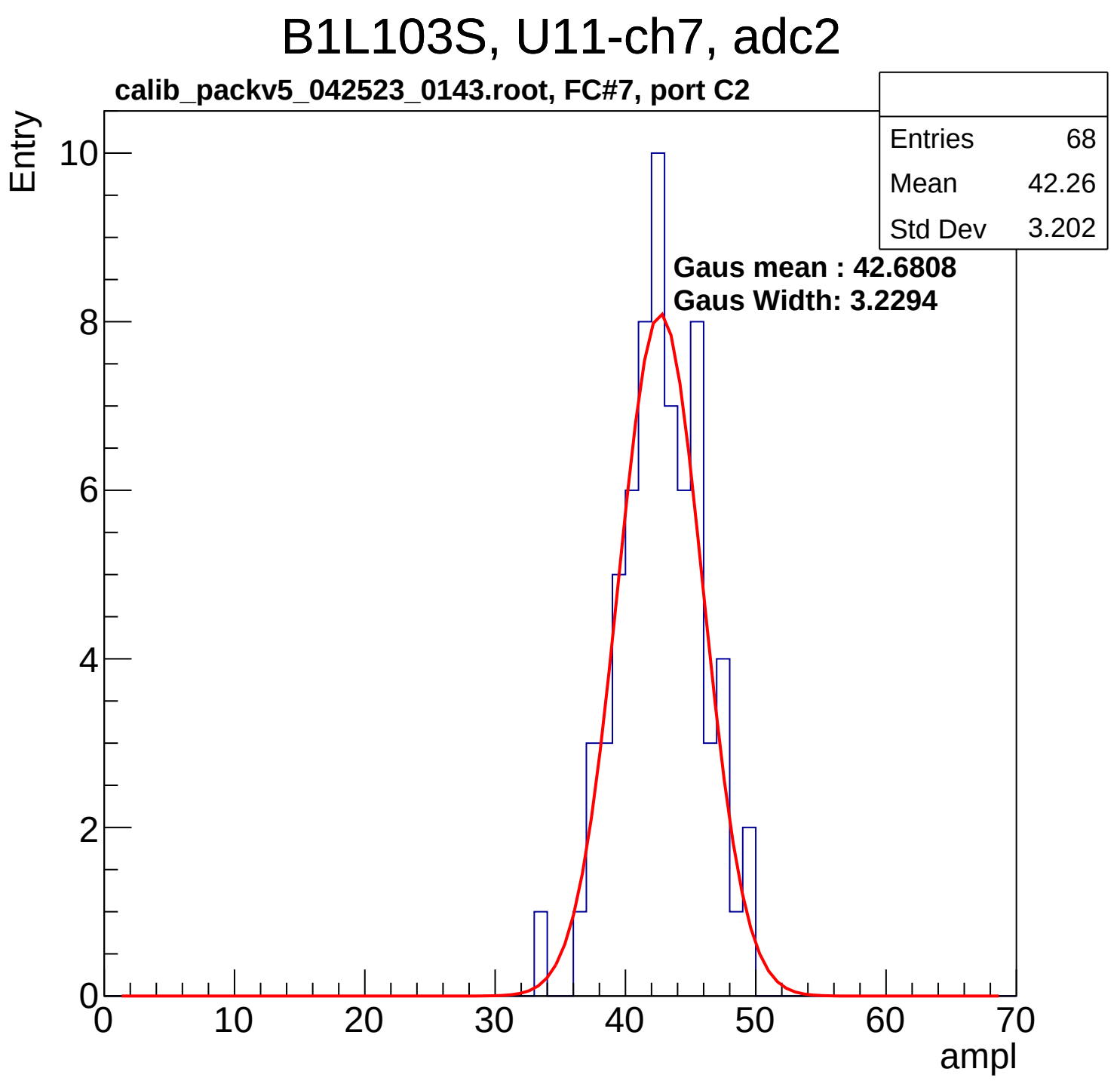
B1L103S, U11-ch7, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 42.26
Std Dev 3.202
Gaus mean : 42.6808
Gaus Width: 3.2294
Entry
ampl
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50
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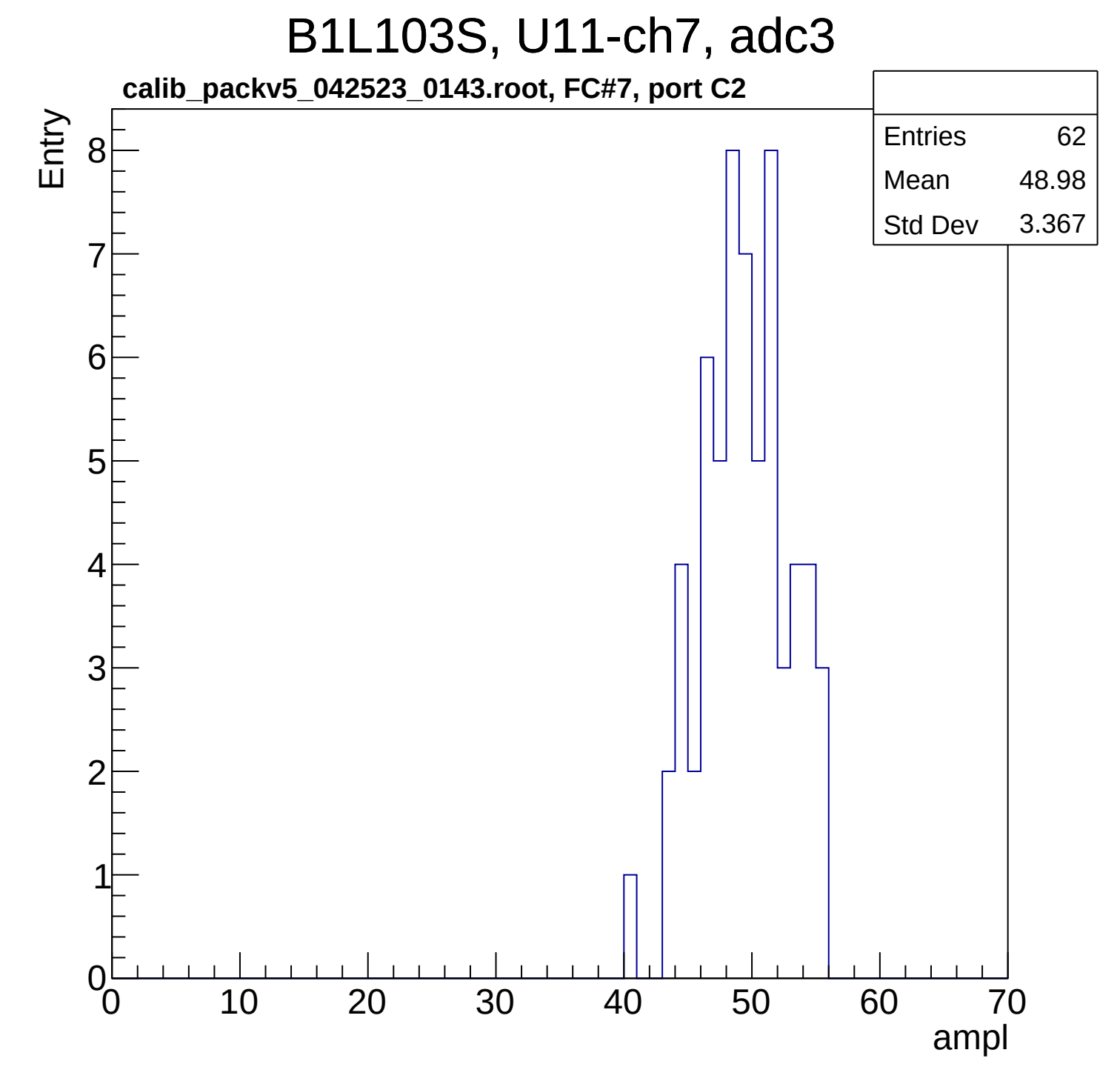
B1L103S, U11-ch7, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 48.98
Std Dev 3.367
Entry
ampl
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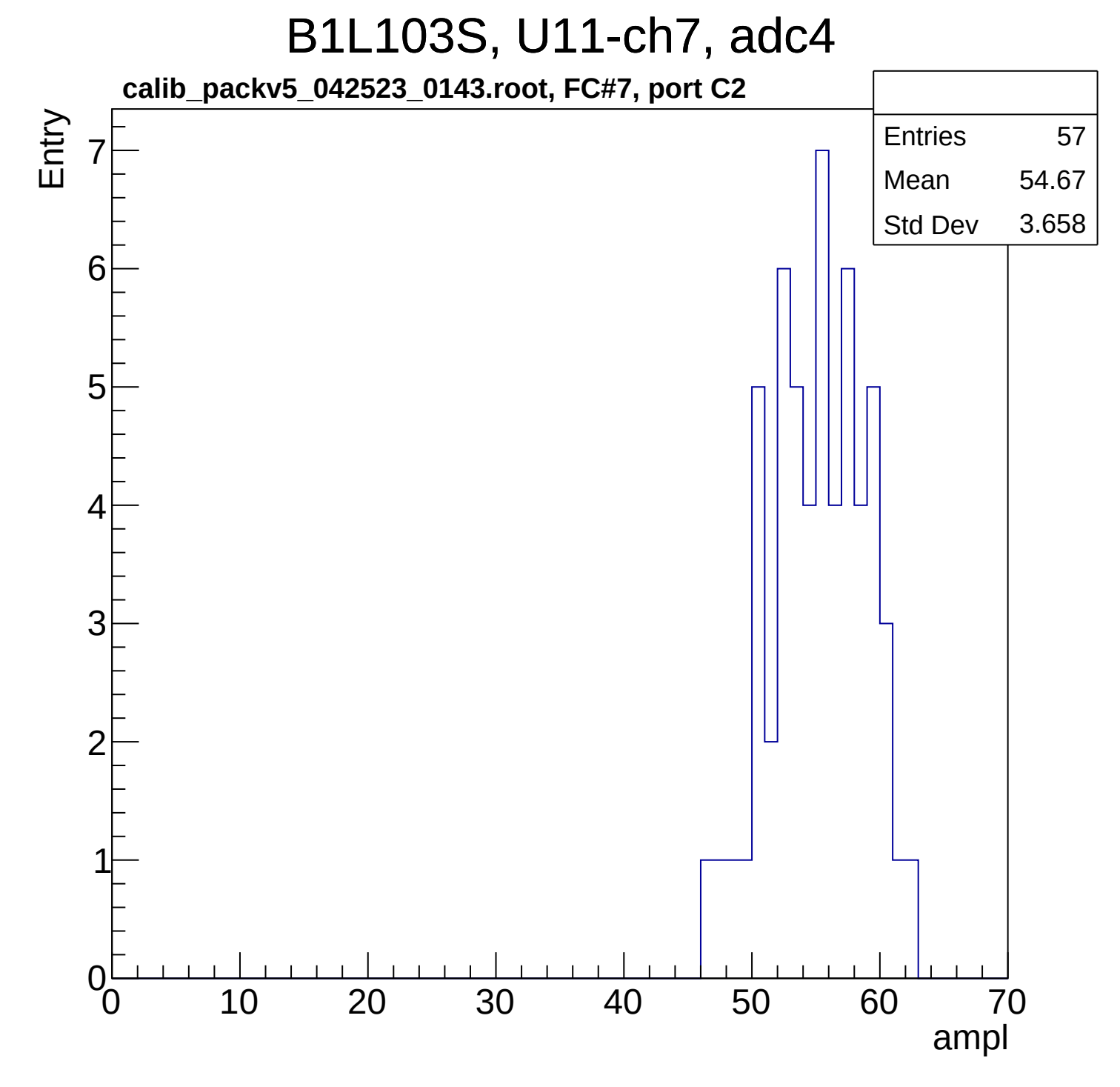
B1L103S, U11-ch7, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 54.67
Std Dev 3.658
Entry
ampl
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4
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0
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60
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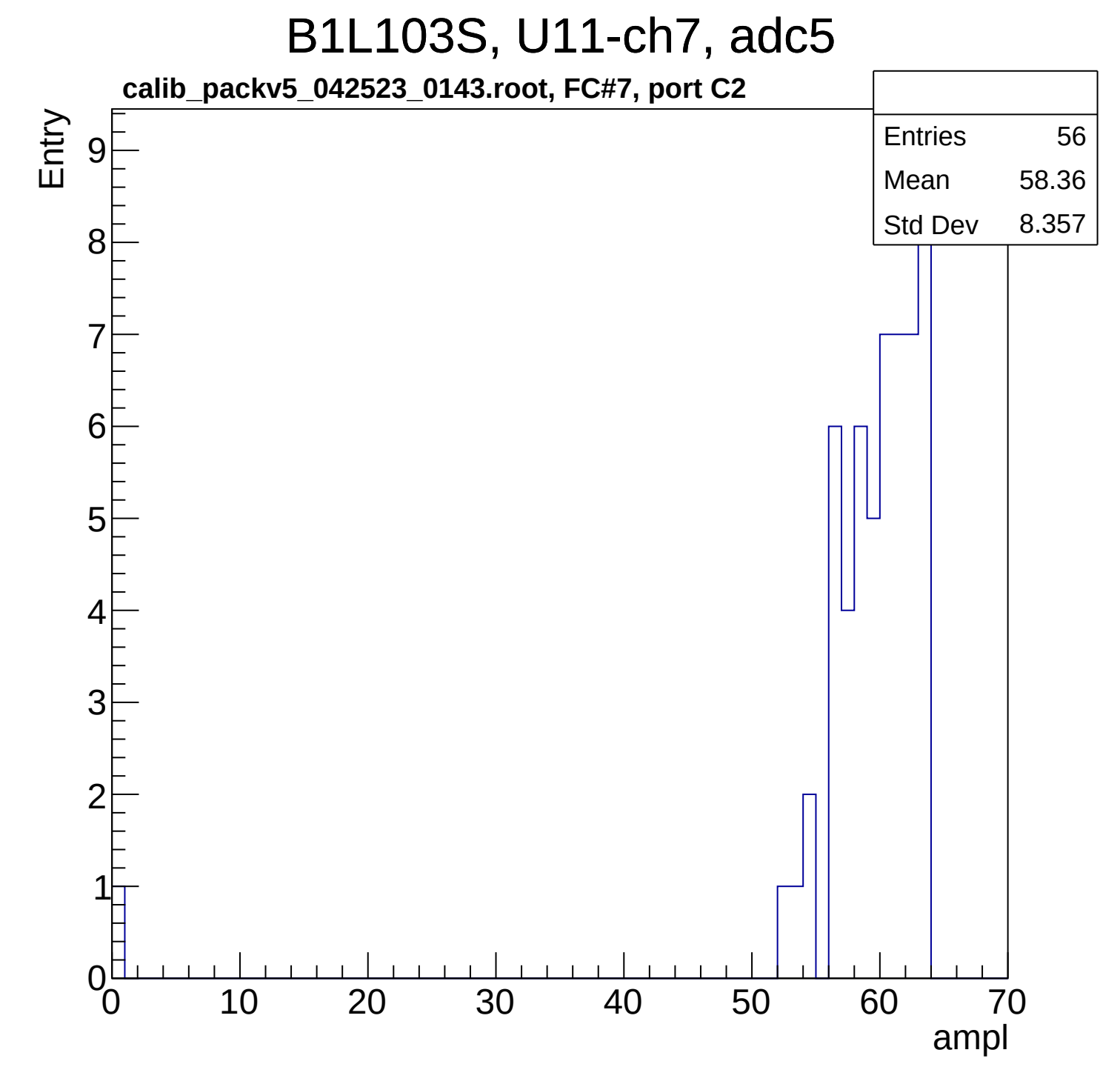
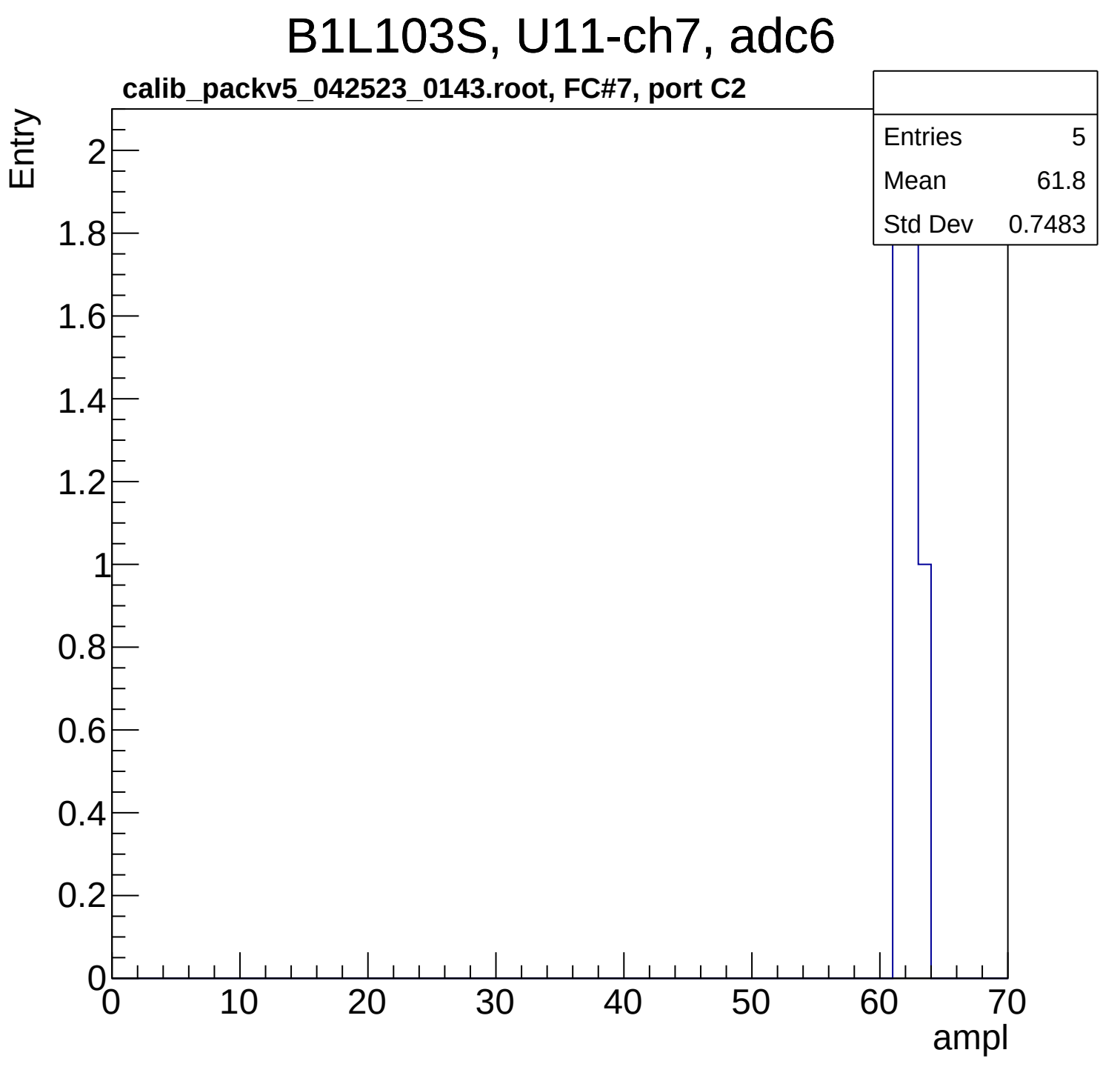
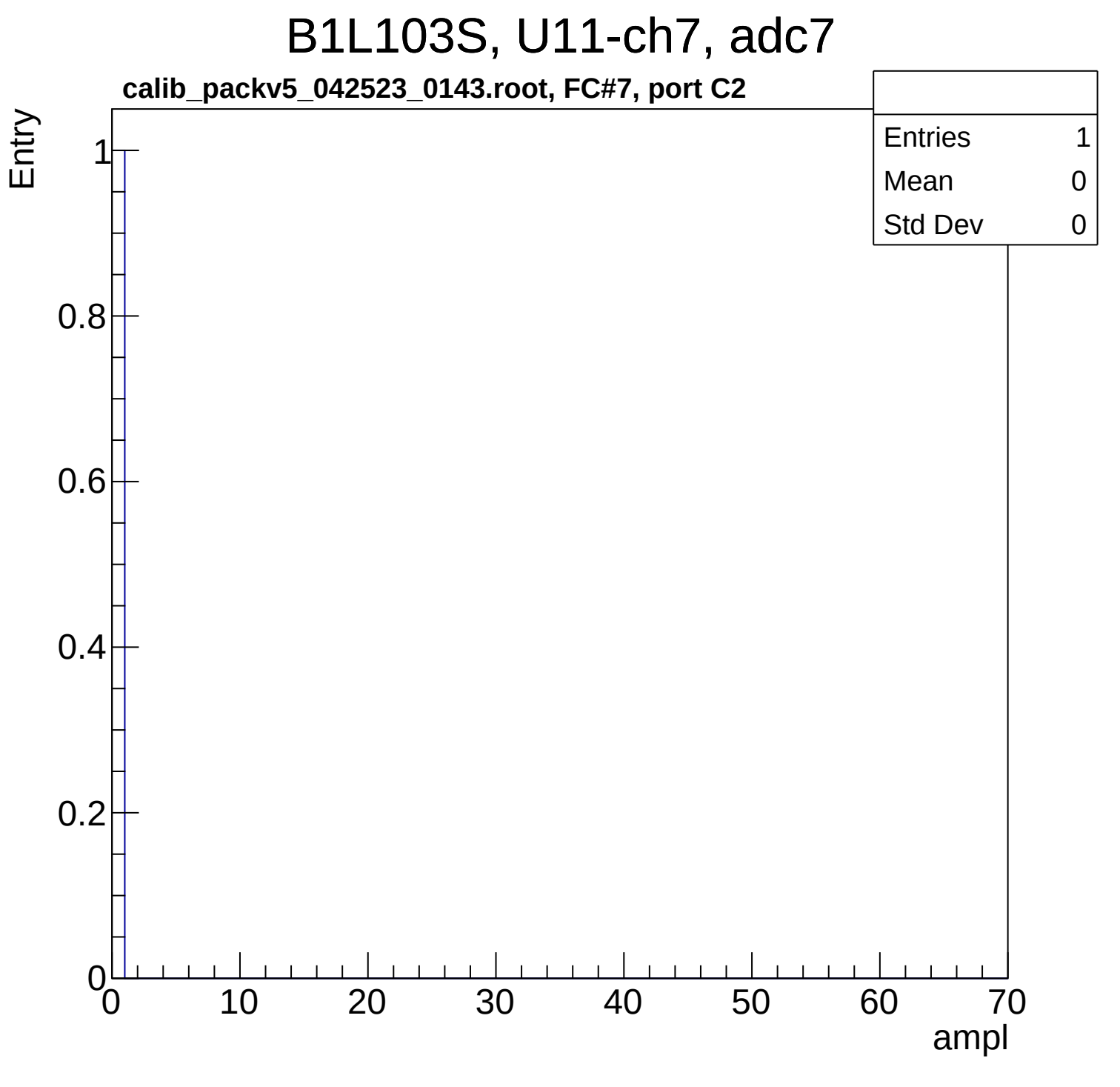
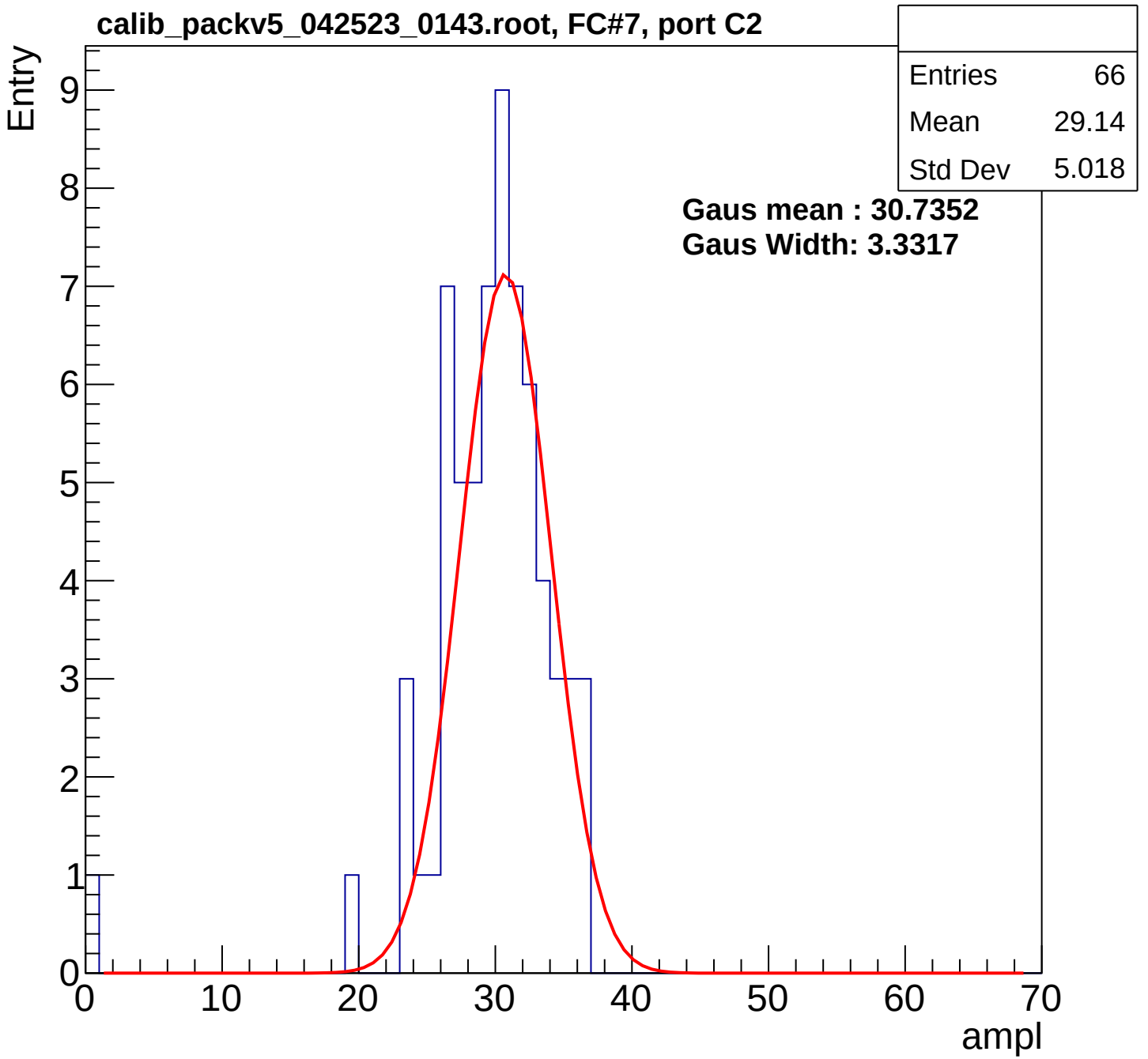
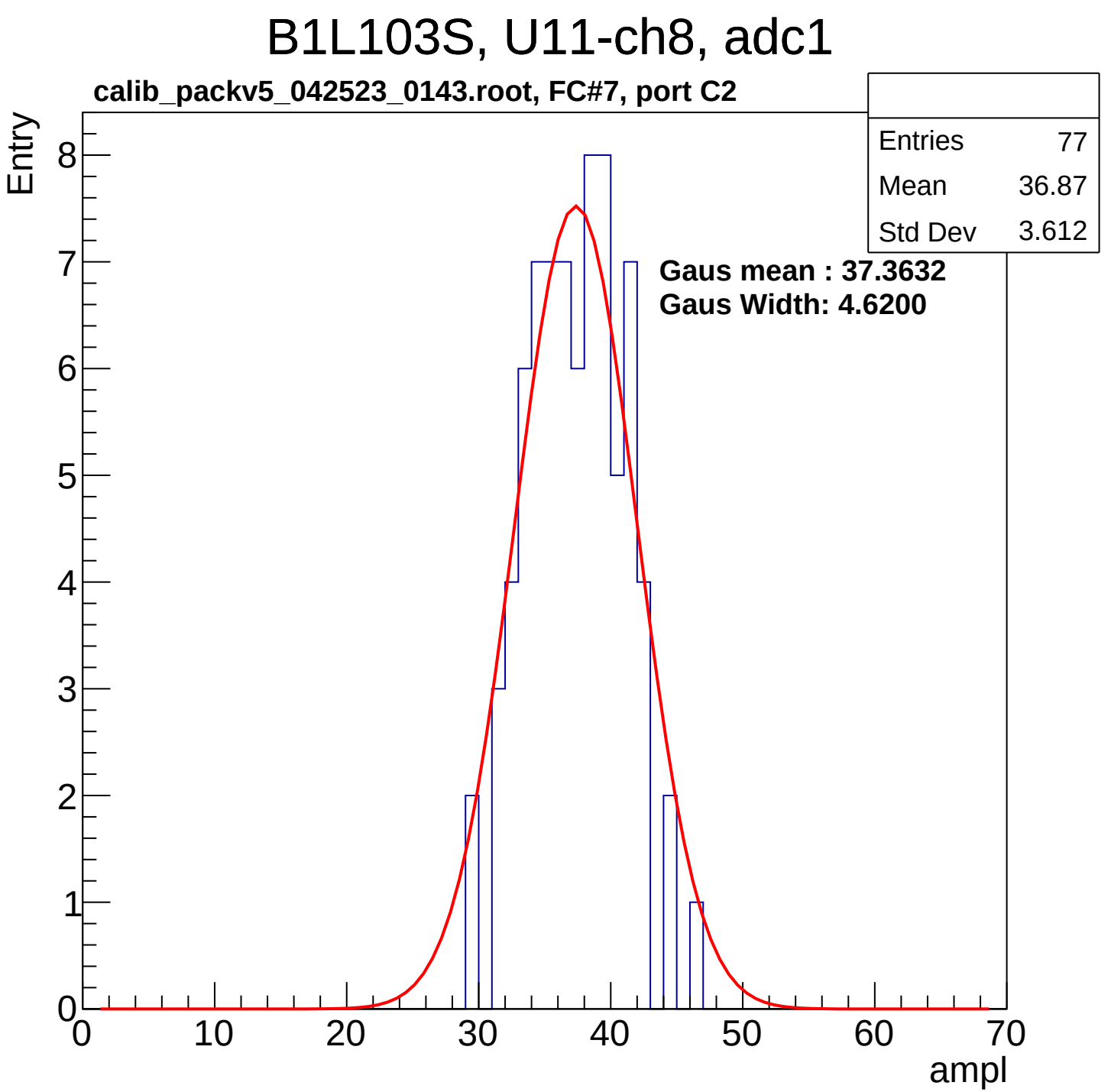
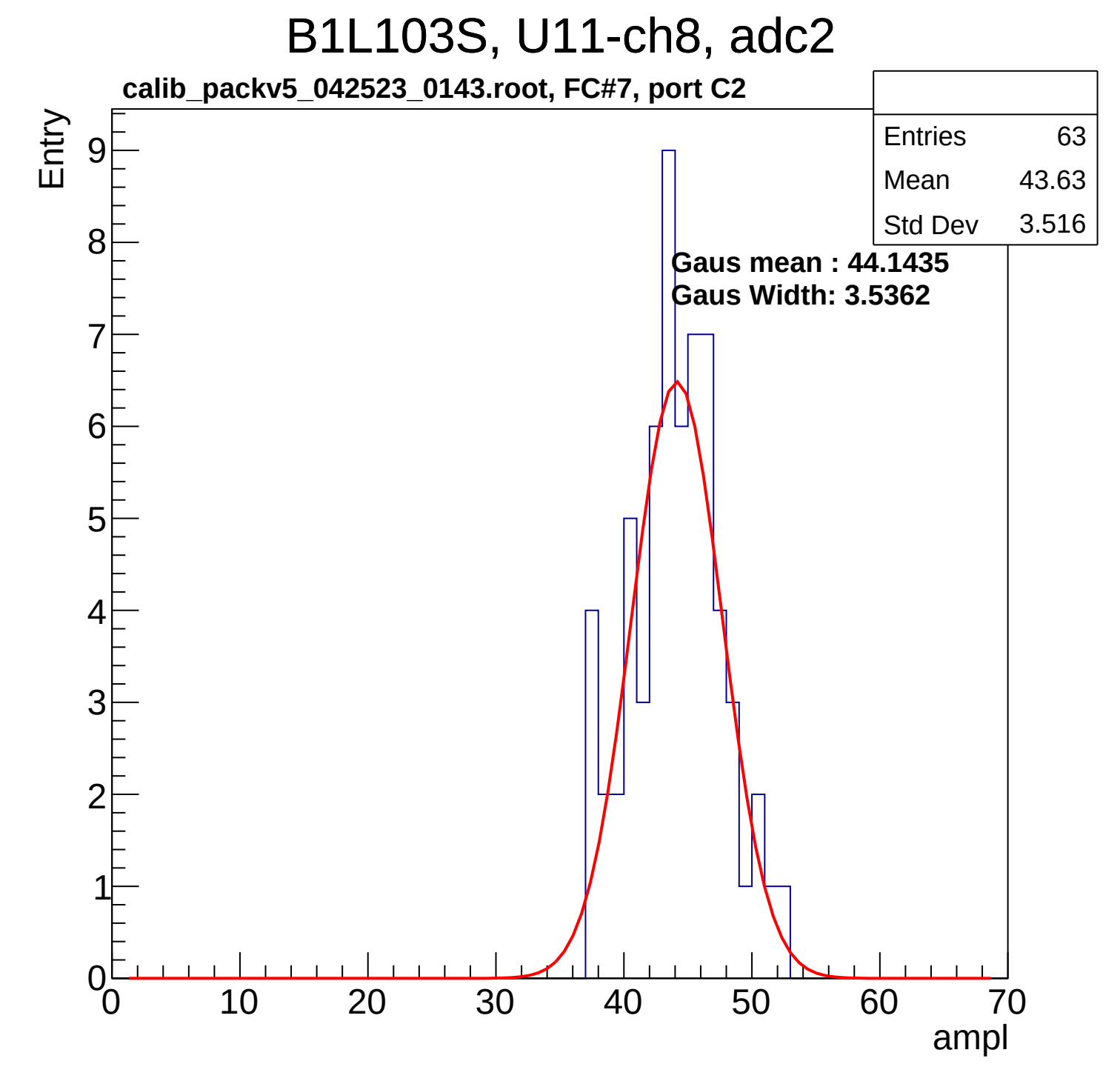

B1L103S, U11-ch7, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 58.36
Std Dev 8.357
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch7, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 61.8
Std Dev 0.7483
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L103S, U11-ch7, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch8, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 29.14
Std Dev 5.018
Gaus mean : 30.7352
Gaus Width: 3.3317
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch8, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 77
Mean 36.87
Std Dev 3.612
Gaus mean : 37.3632
Gaus Width: 4.6200
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch8, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 43.63
Std Dev 3.516
Gaus mean : 44.1435
Gaus Width: 3.5362
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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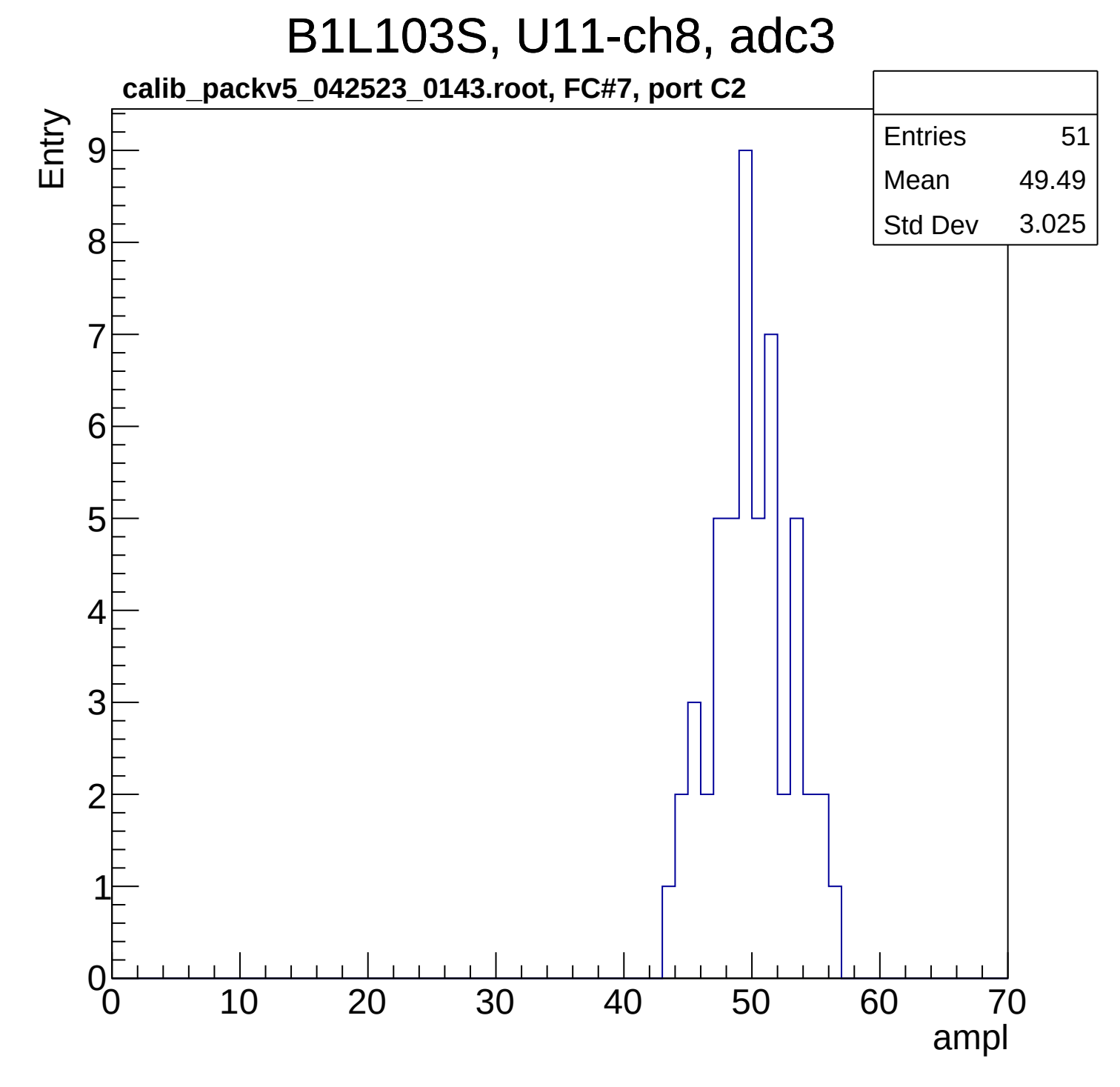
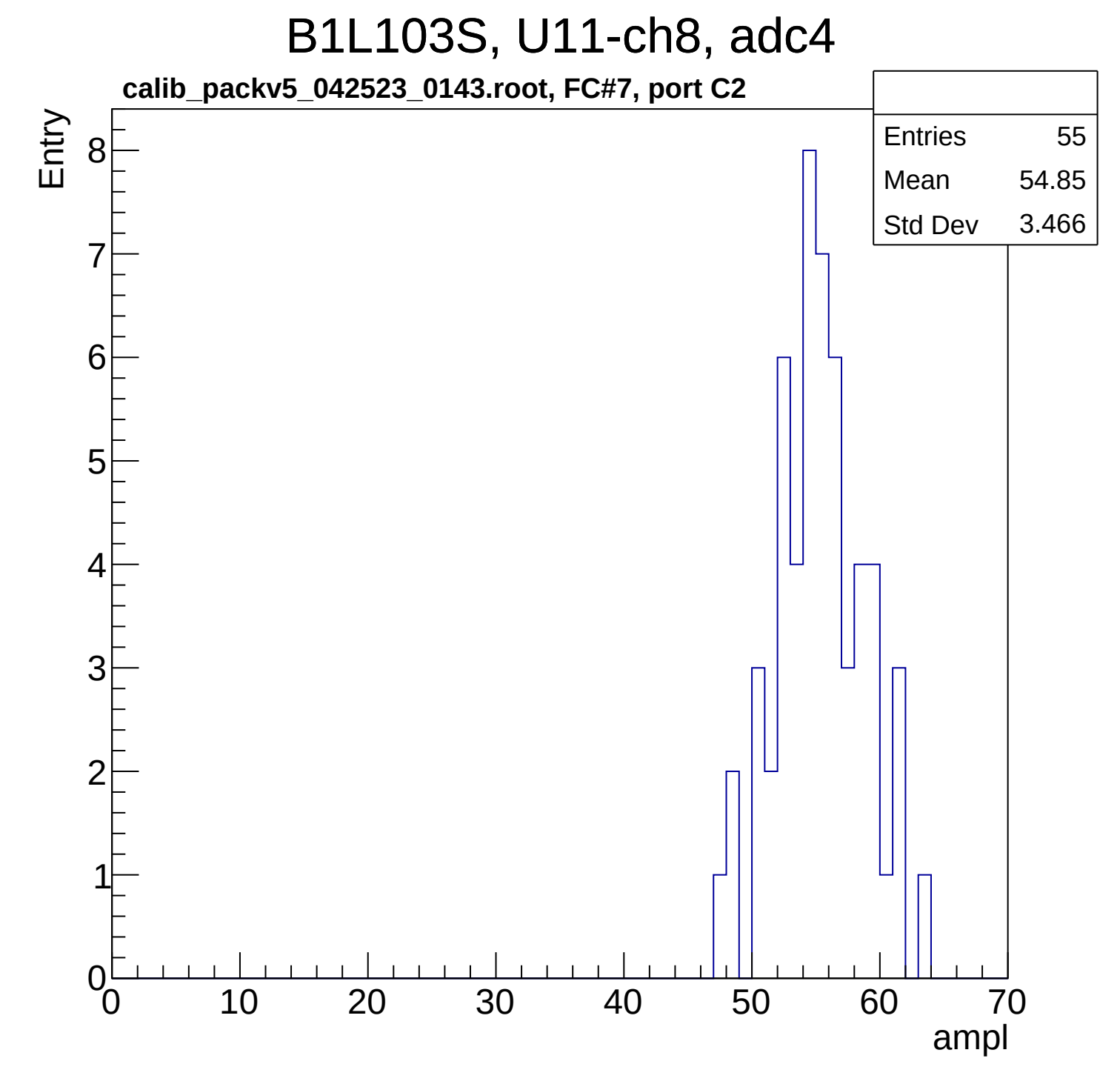
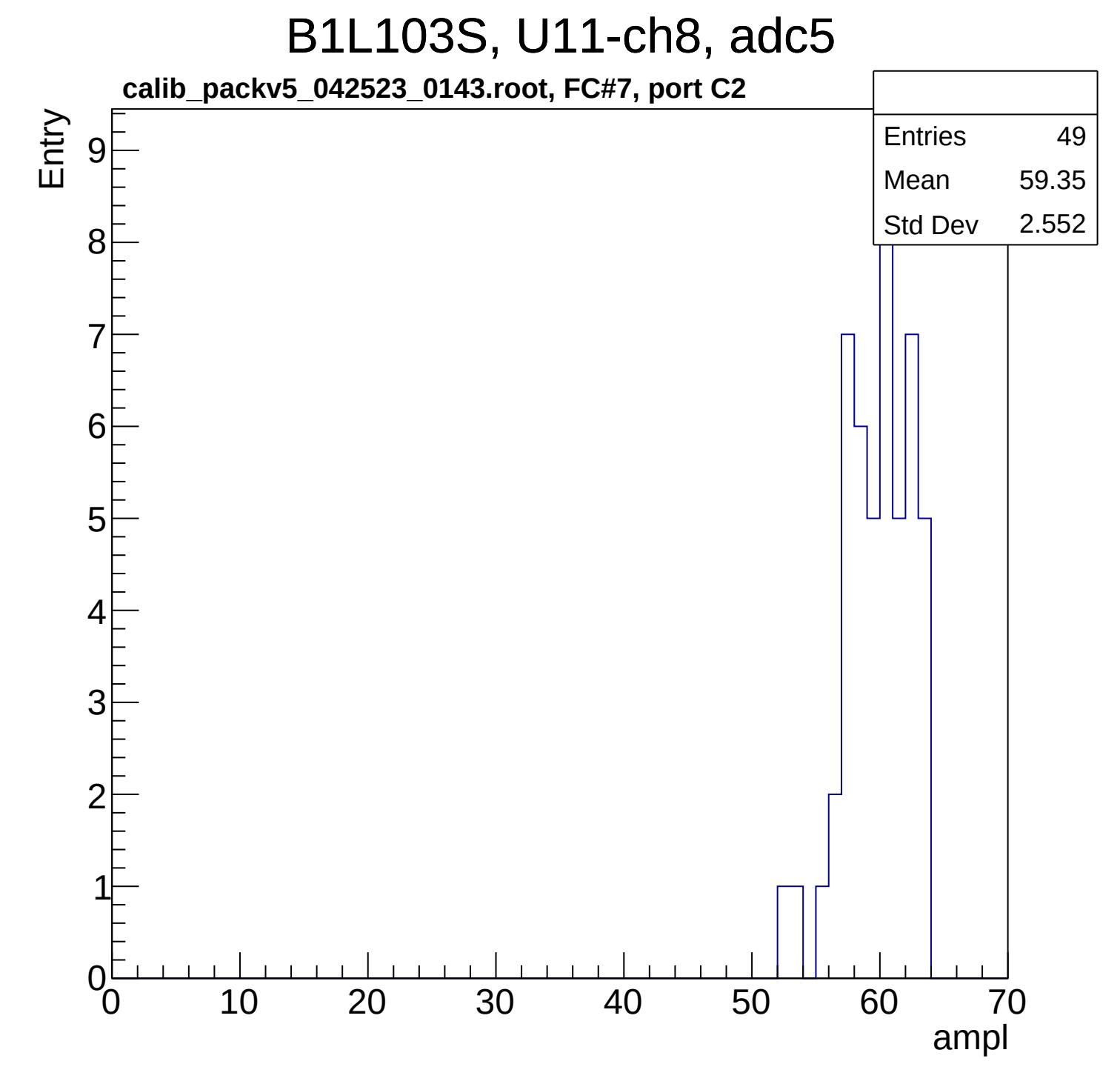
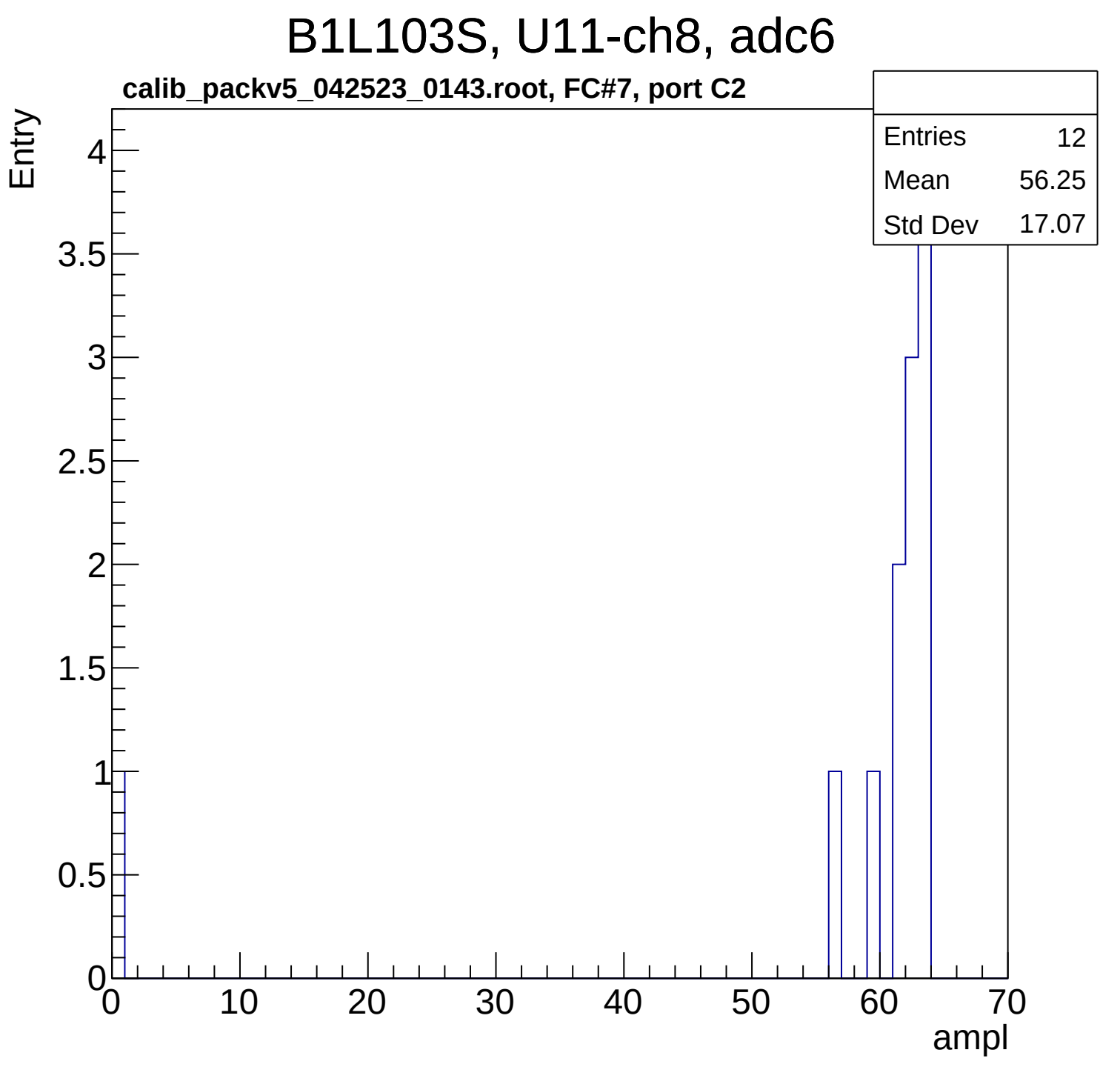
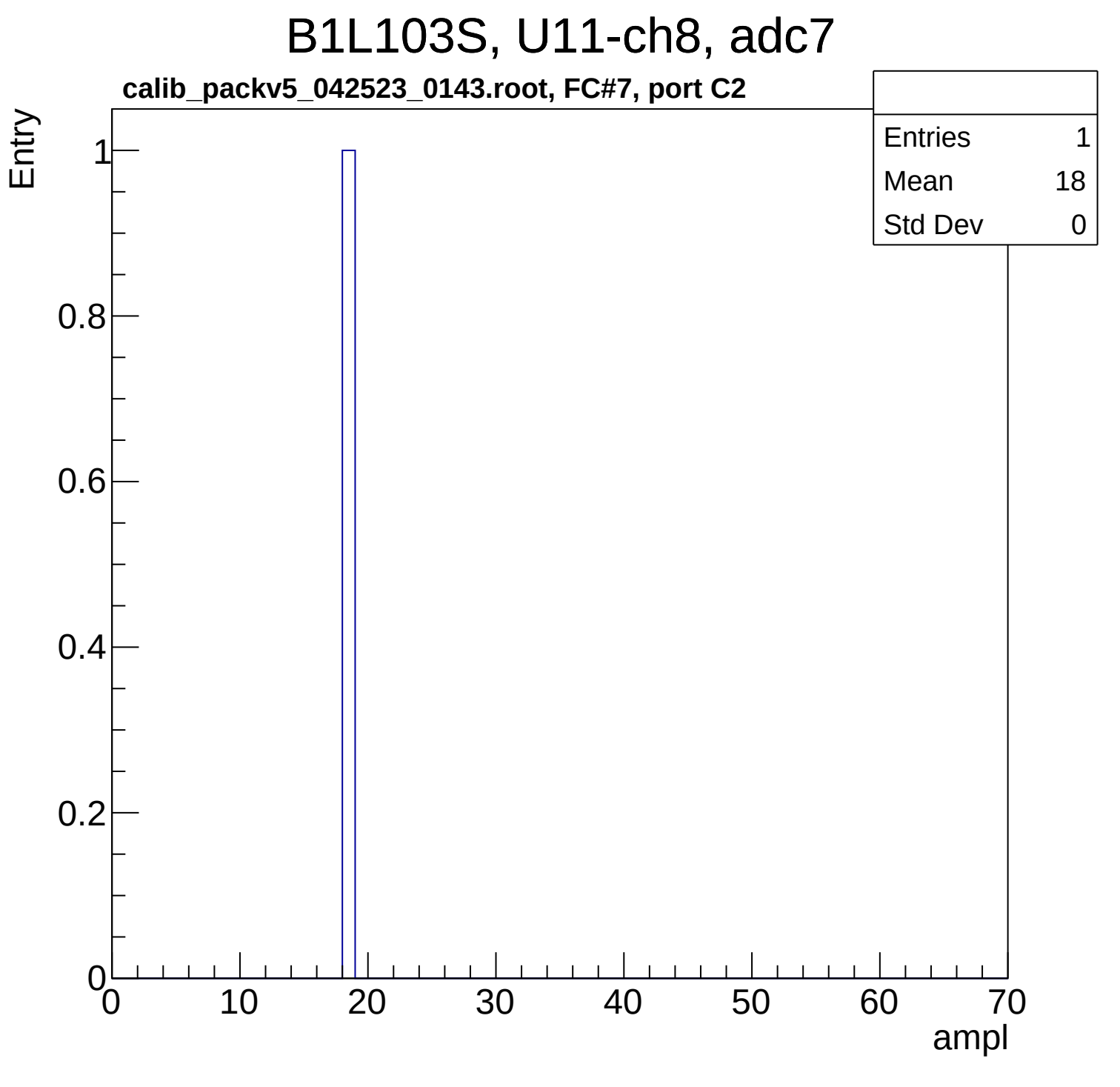
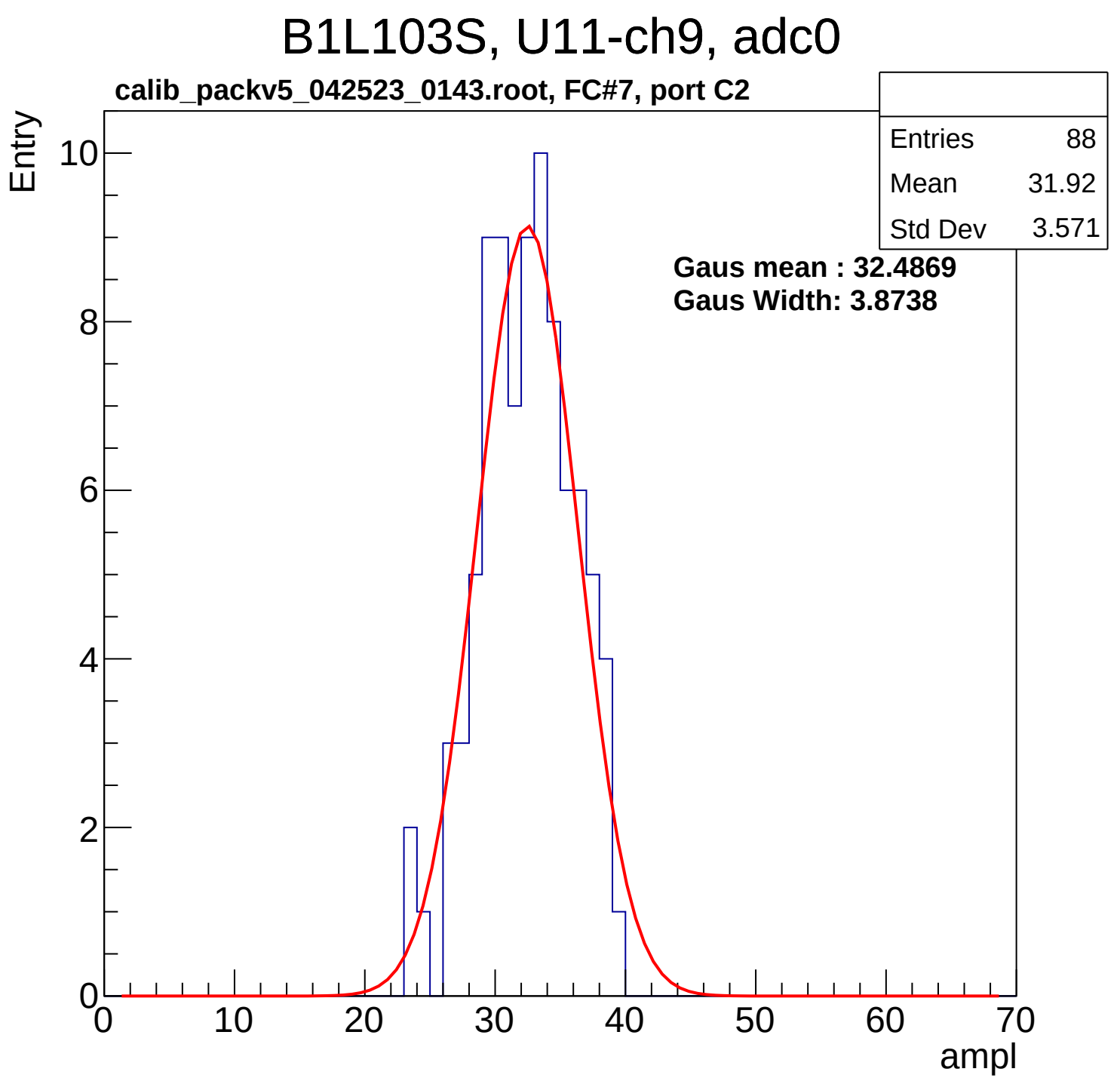

B1L103S, U11-ch8, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 49.49
Std Dev 3.025
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

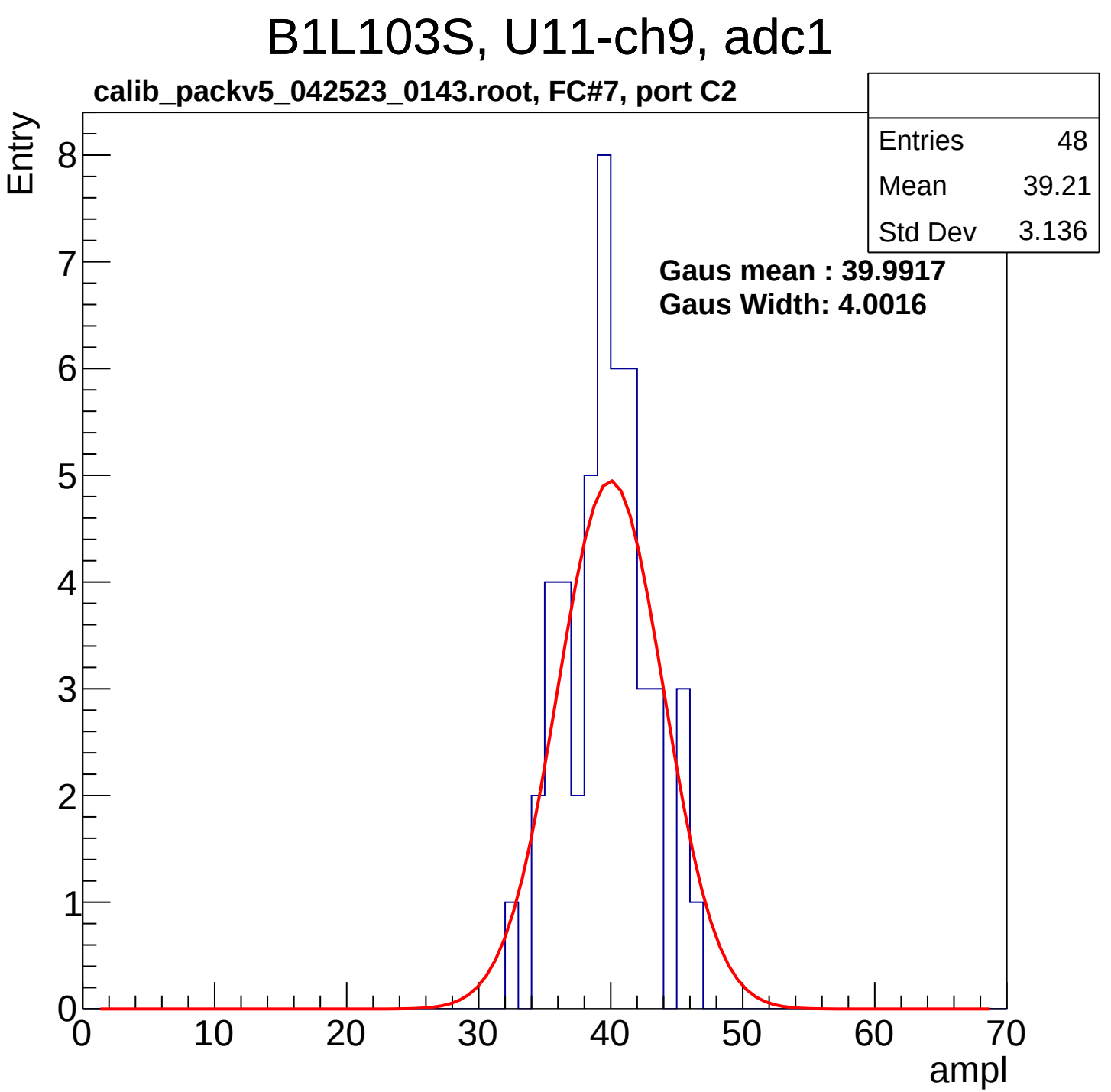

B1L103S, U11-ch8, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 54.85
Std Dev 3.466
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

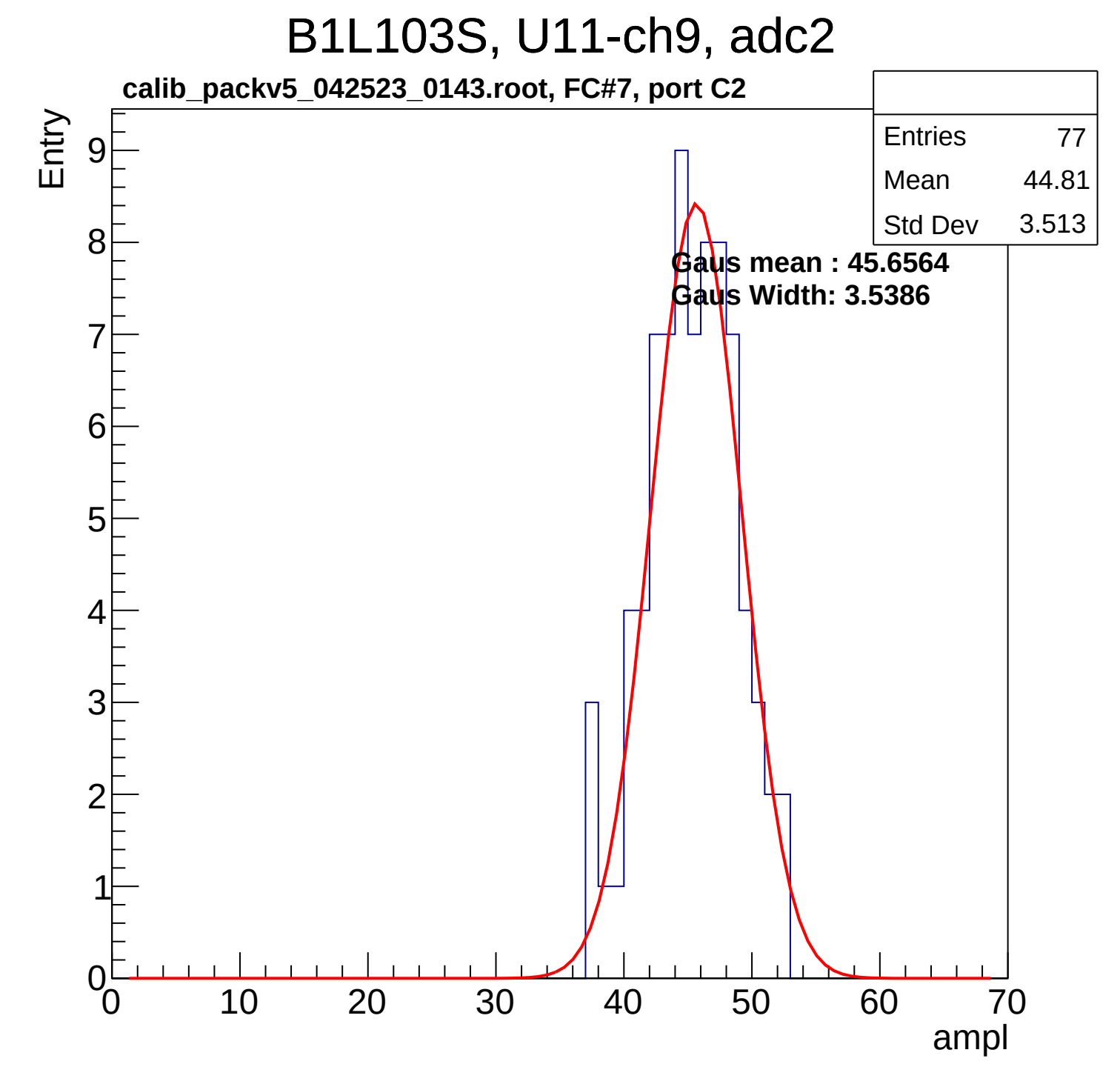

B1L103S, U11-ch8, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 59.35
Std Dev 2.552
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch8, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 12
Mean 56.25
Std Dev 17.07
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L103S, U11-ch8, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 18
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch9, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 88
Mean 31.92
Std Dev 3.571
Gaus mean : 32.4869
Gaus Width: 3.8738
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch9, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 48
Mean 39.21
Std Dev 3.136
Gaus mean : 39.9917
Gaus Width: 4.0016
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch9, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 77
Mean 44.81
Std Dev 3.513
Gaus mean : 45.6564
Gaus Width: 3.5386
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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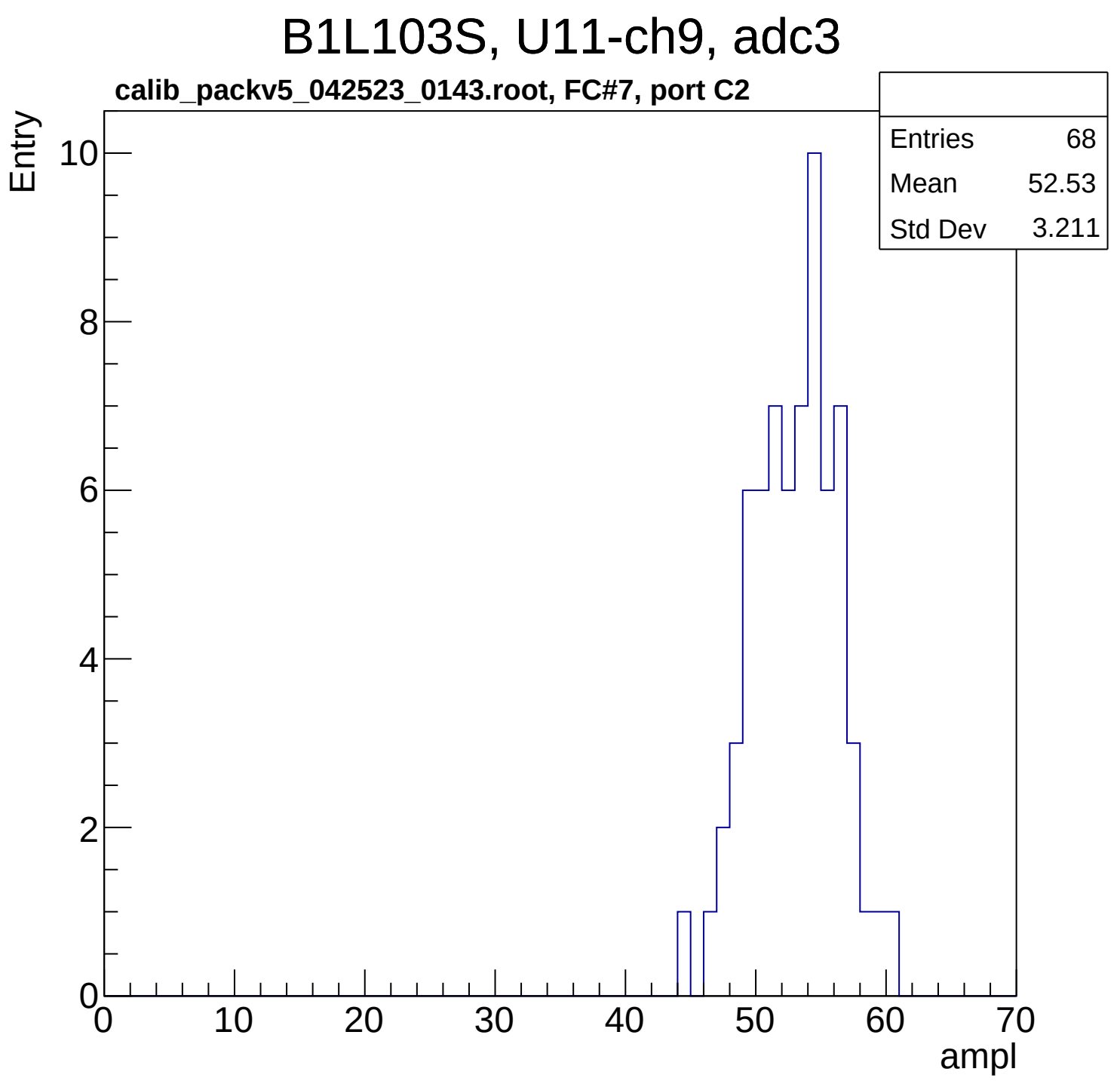
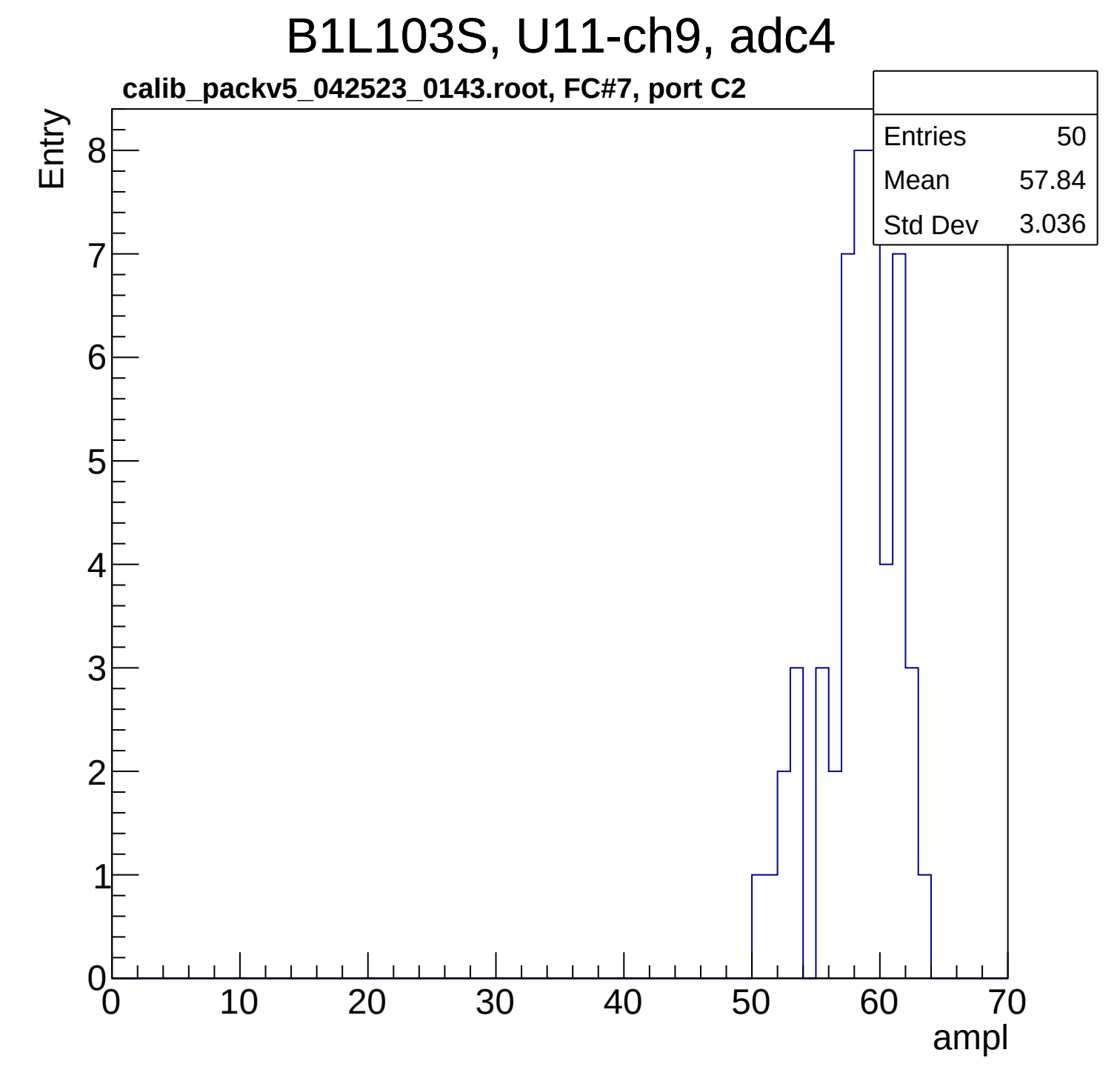
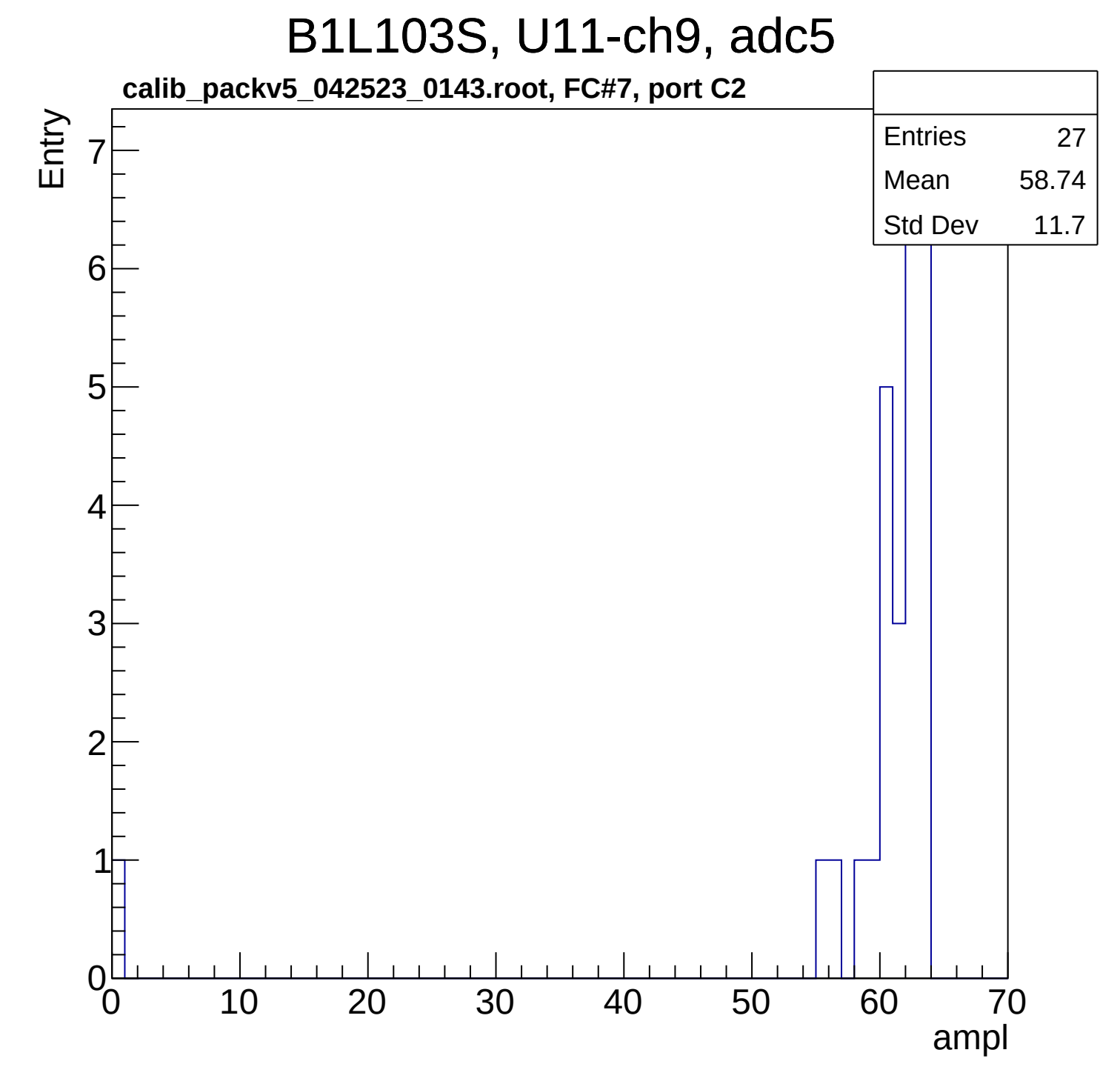
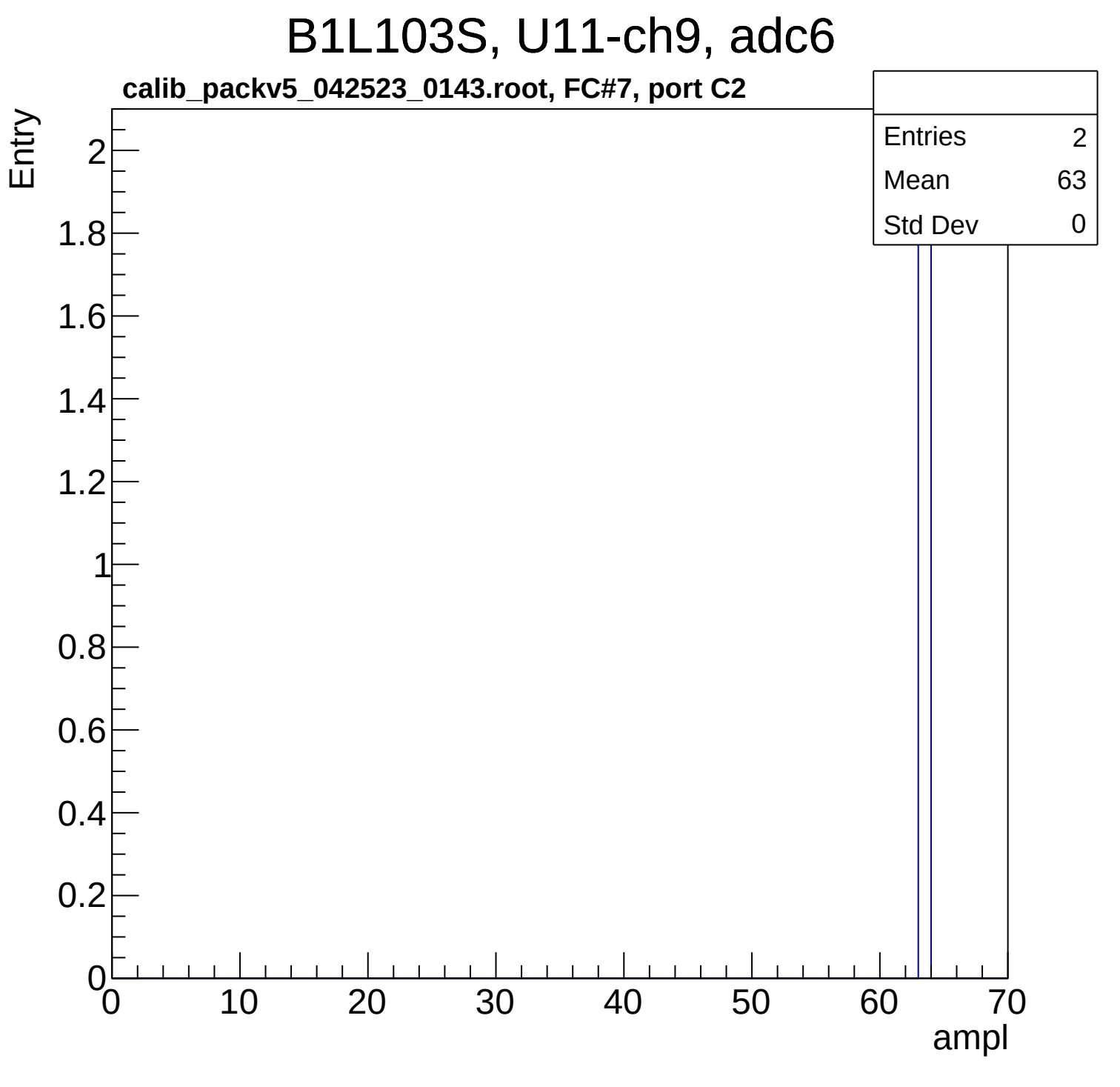
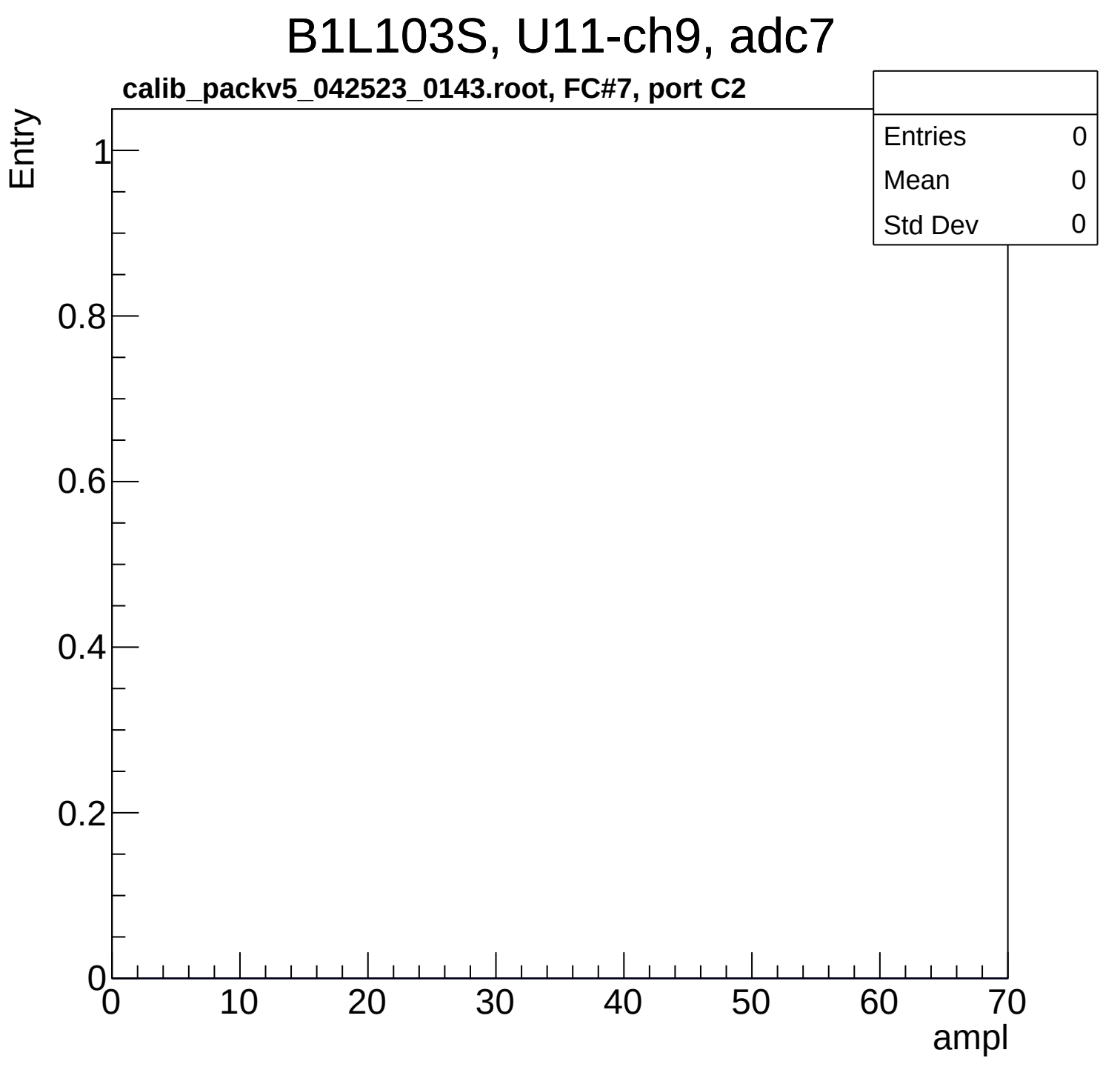
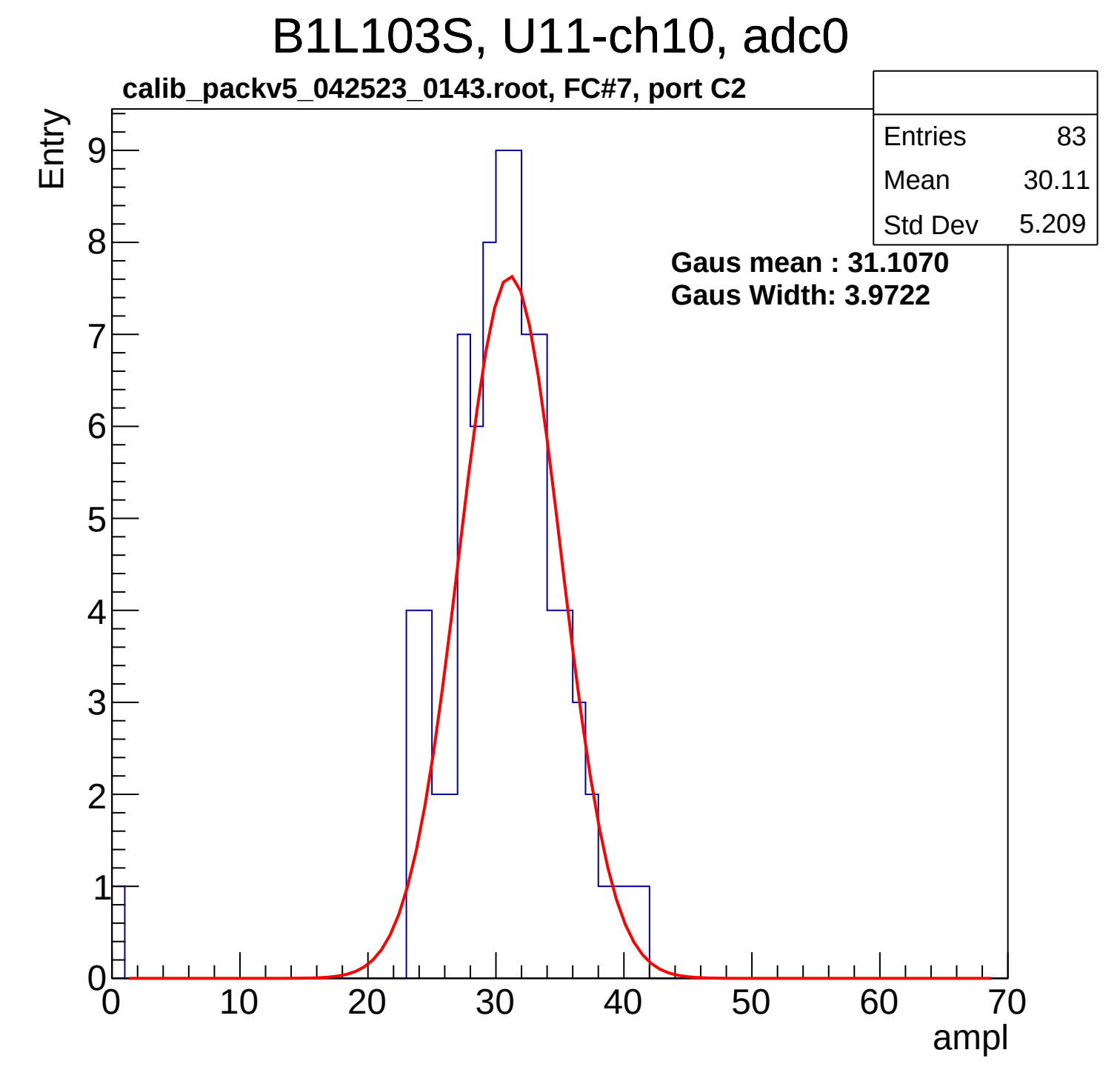

B1L103S, U11-ch9, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 52.53
Std Dev 3.211
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

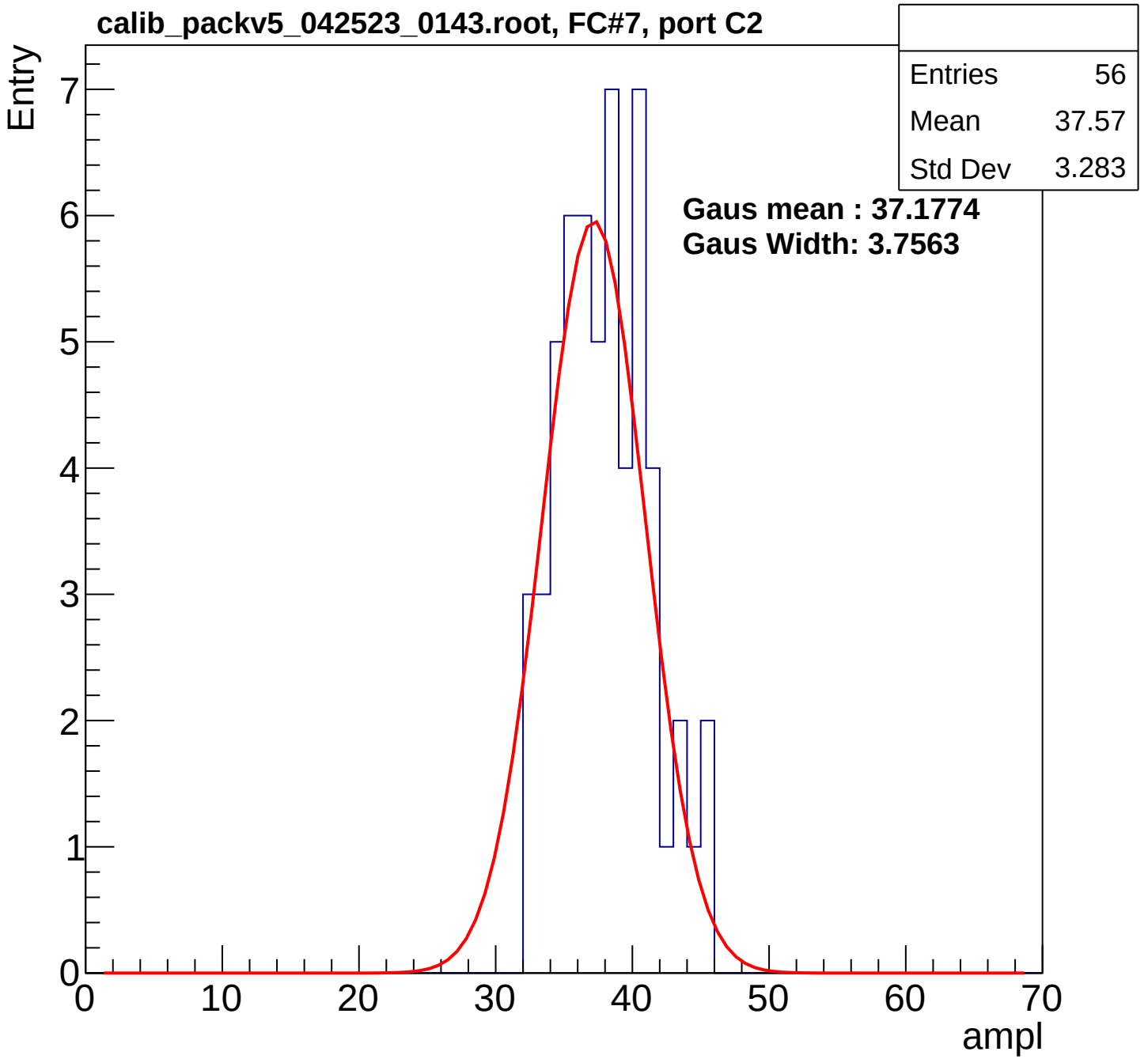

B1L103S, U11-ch9, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 50
Mean 57.84
Std Dev 3.036
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

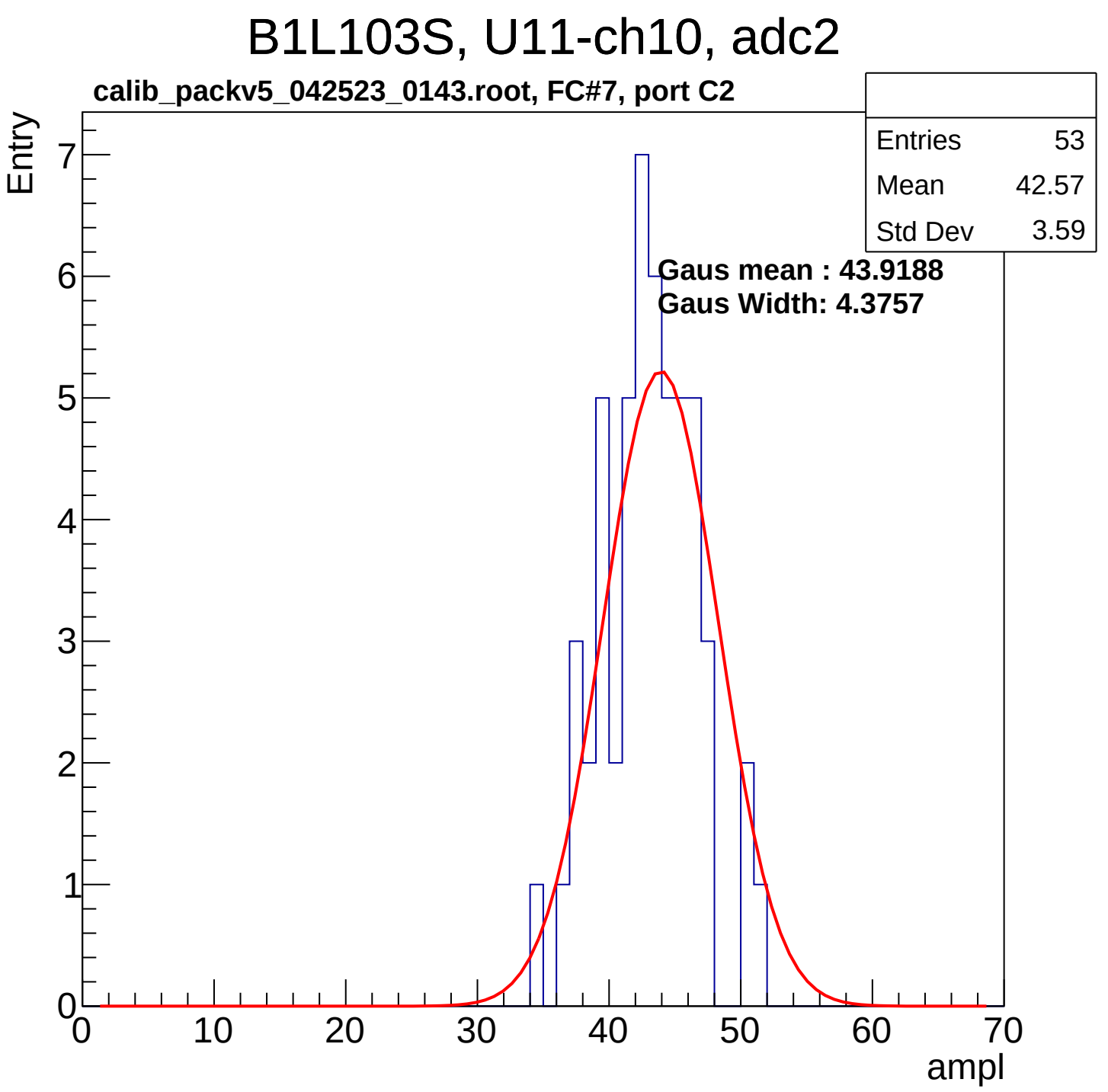

B1L103S, U11-ch9, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 27
Mean 58.74
Std Dev 11.7
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

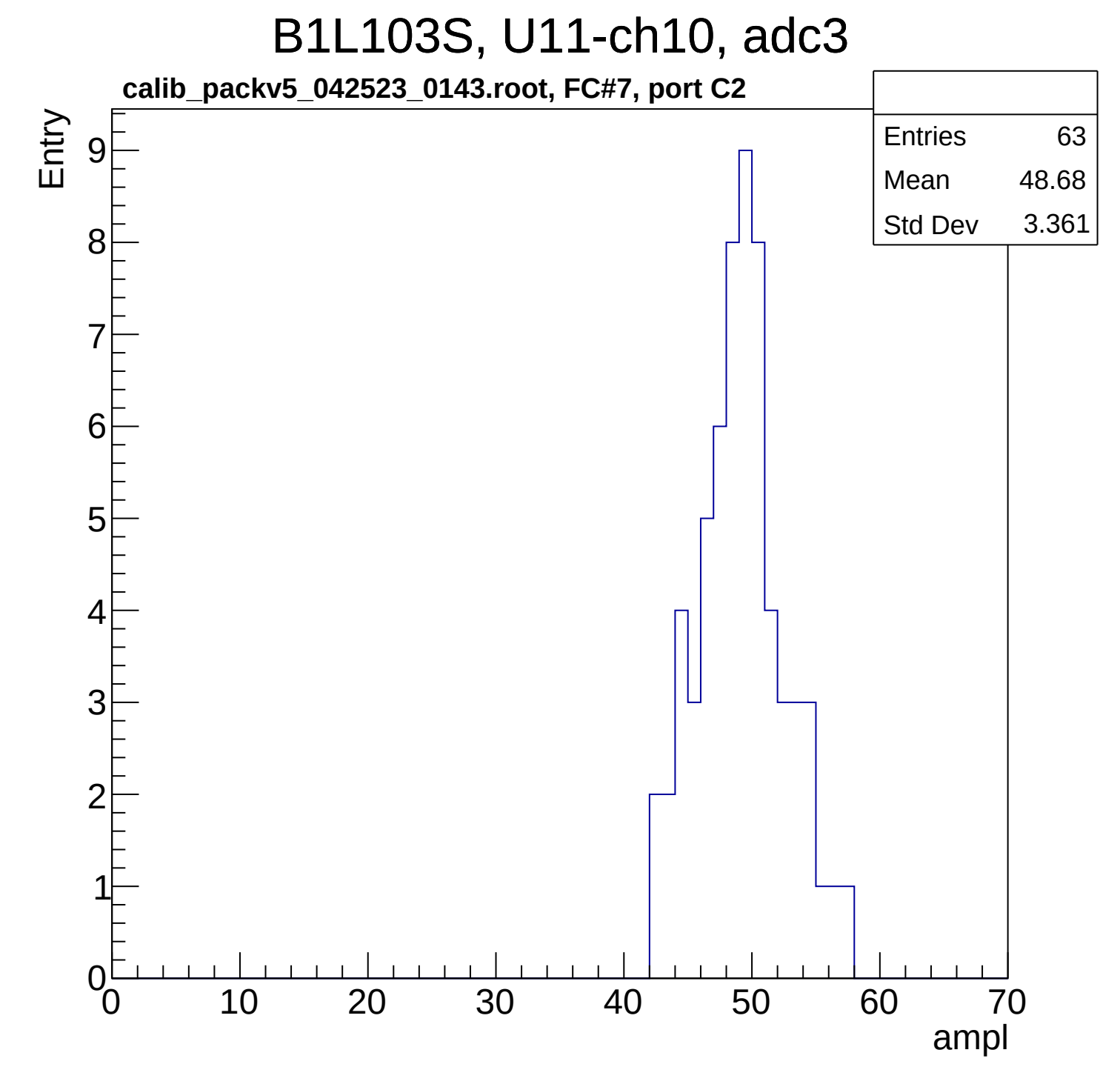

B1L103S, U11-ch9, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L103S, U11-ch9, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch10, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 83
Mean 30.11
Std Dev 5.209
Gaus mean : 31.1070
Gaus Width: 3.9722
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch10, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 37.57
Std Dev 3.283
Gaus mean : 37.1774
Gaus Width: 3.7563
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U11-ch10, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 53
Mean 42.57
Std Dev 3.59
Gaus mean : 43.9188
Gaus Width: 4.3757
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U11-ch10, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 48.68
Std Dev 3.361
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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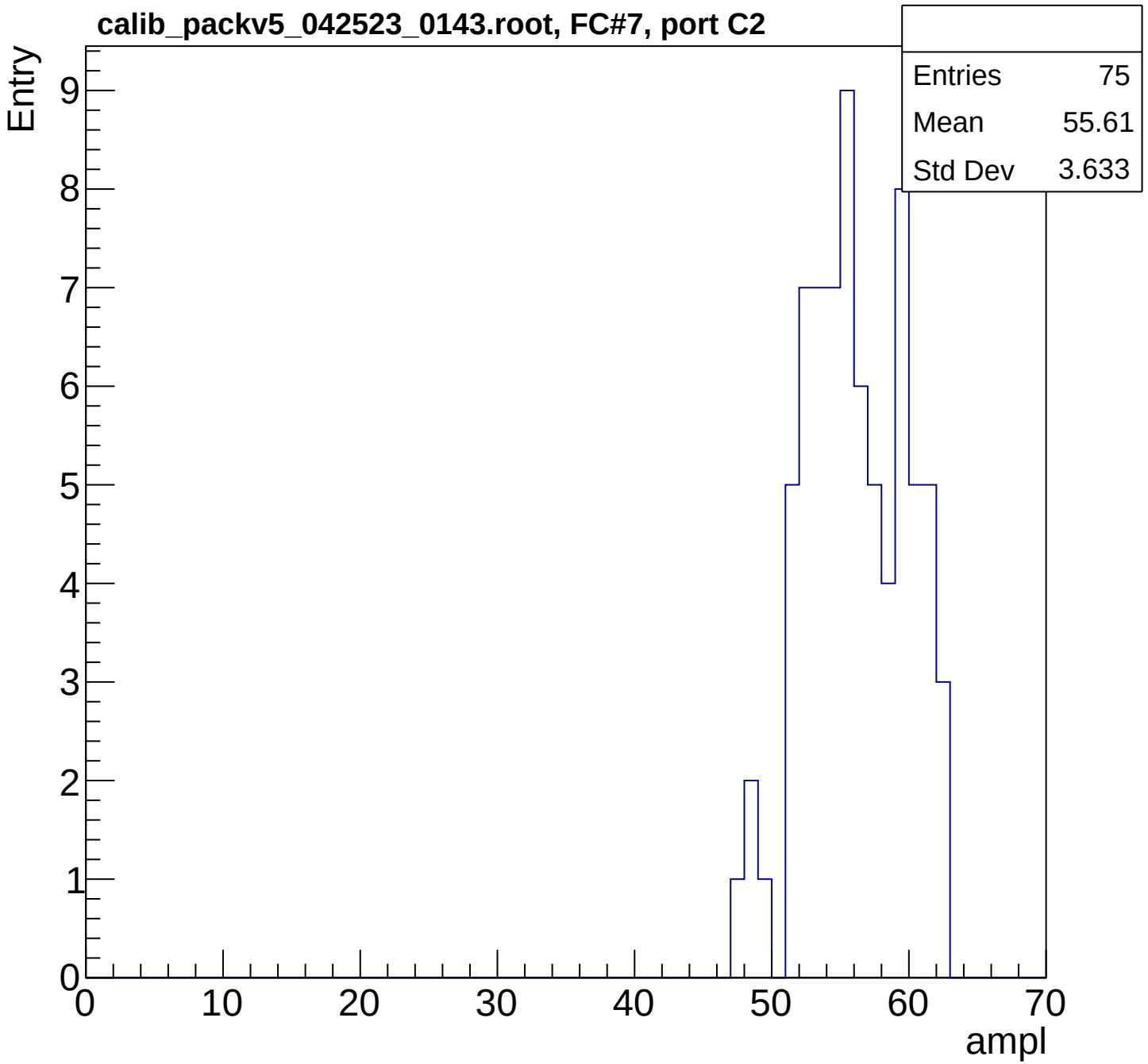
40
50
60
70


B1L103S, U11-ch10, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 75
Mean 55.61
Std Dev 3.633
Entry
ampl
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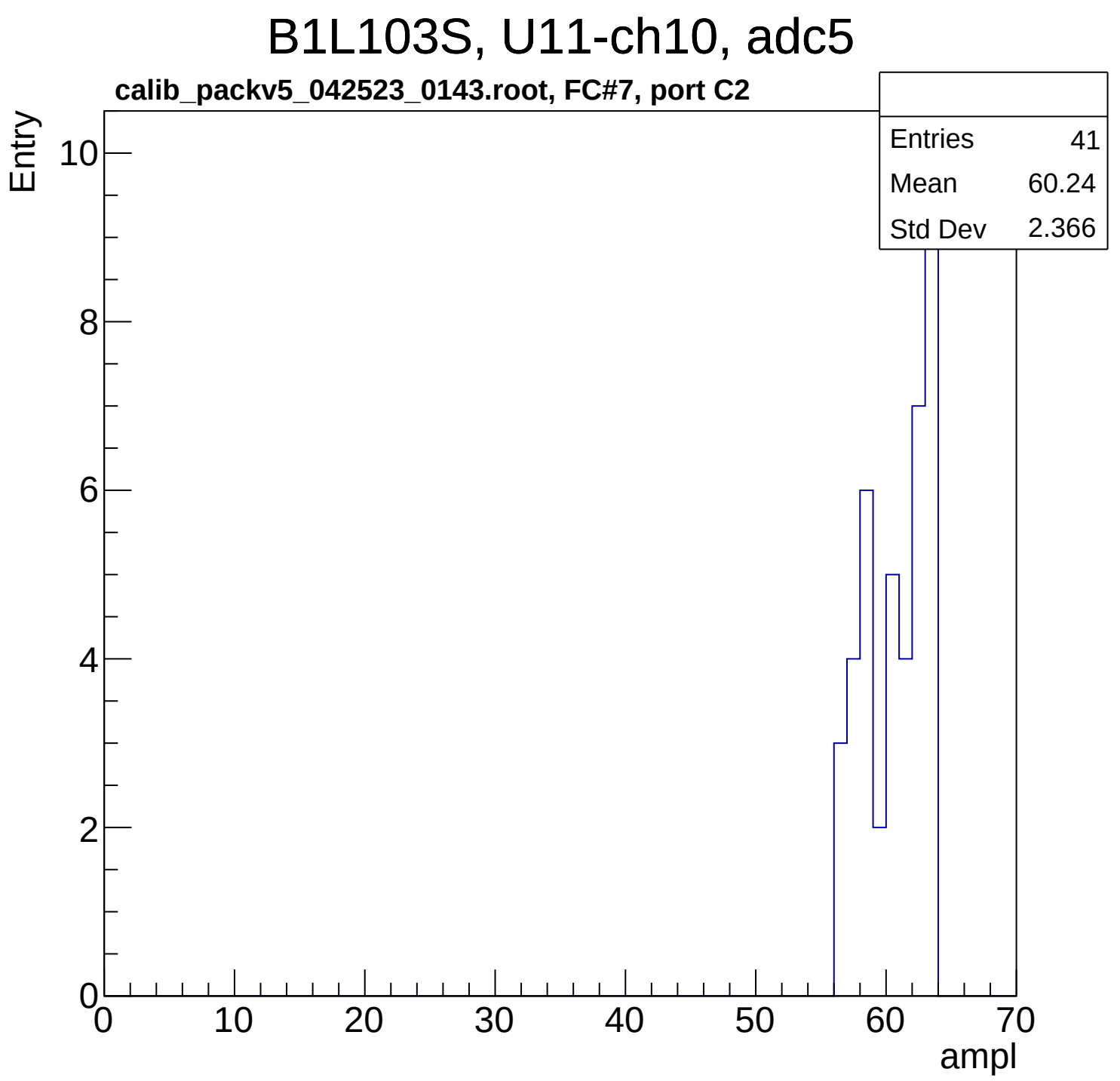
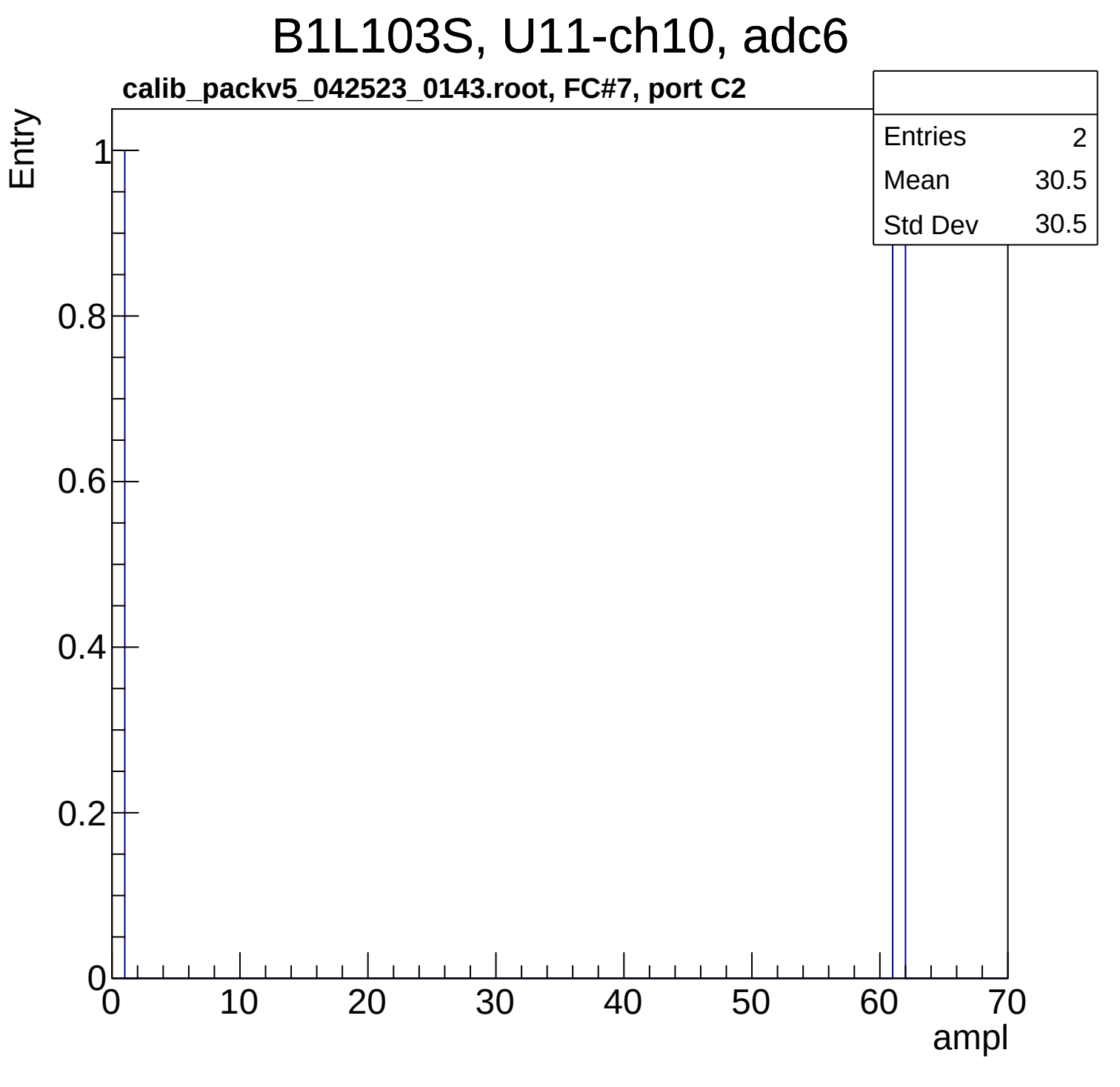
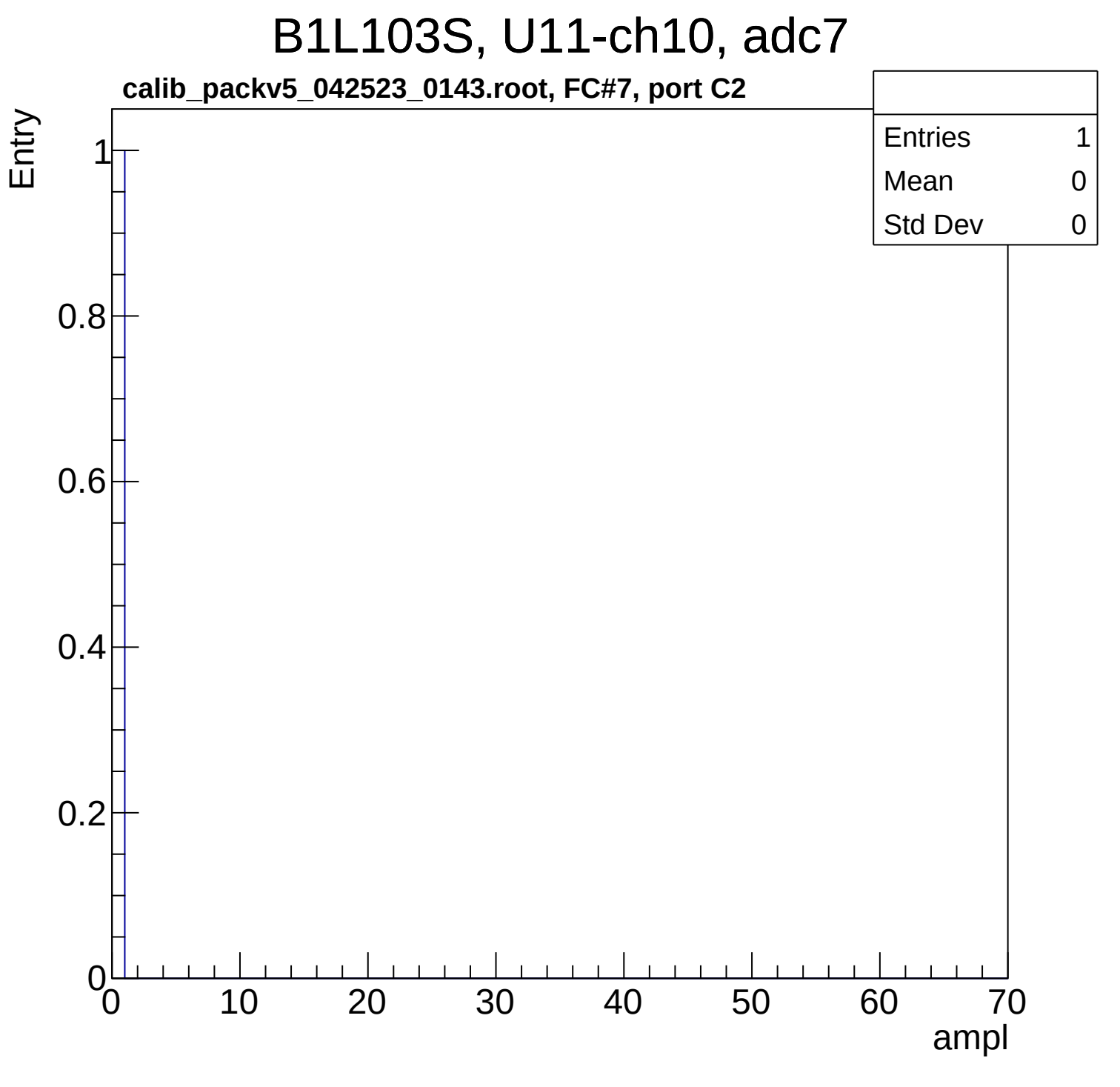
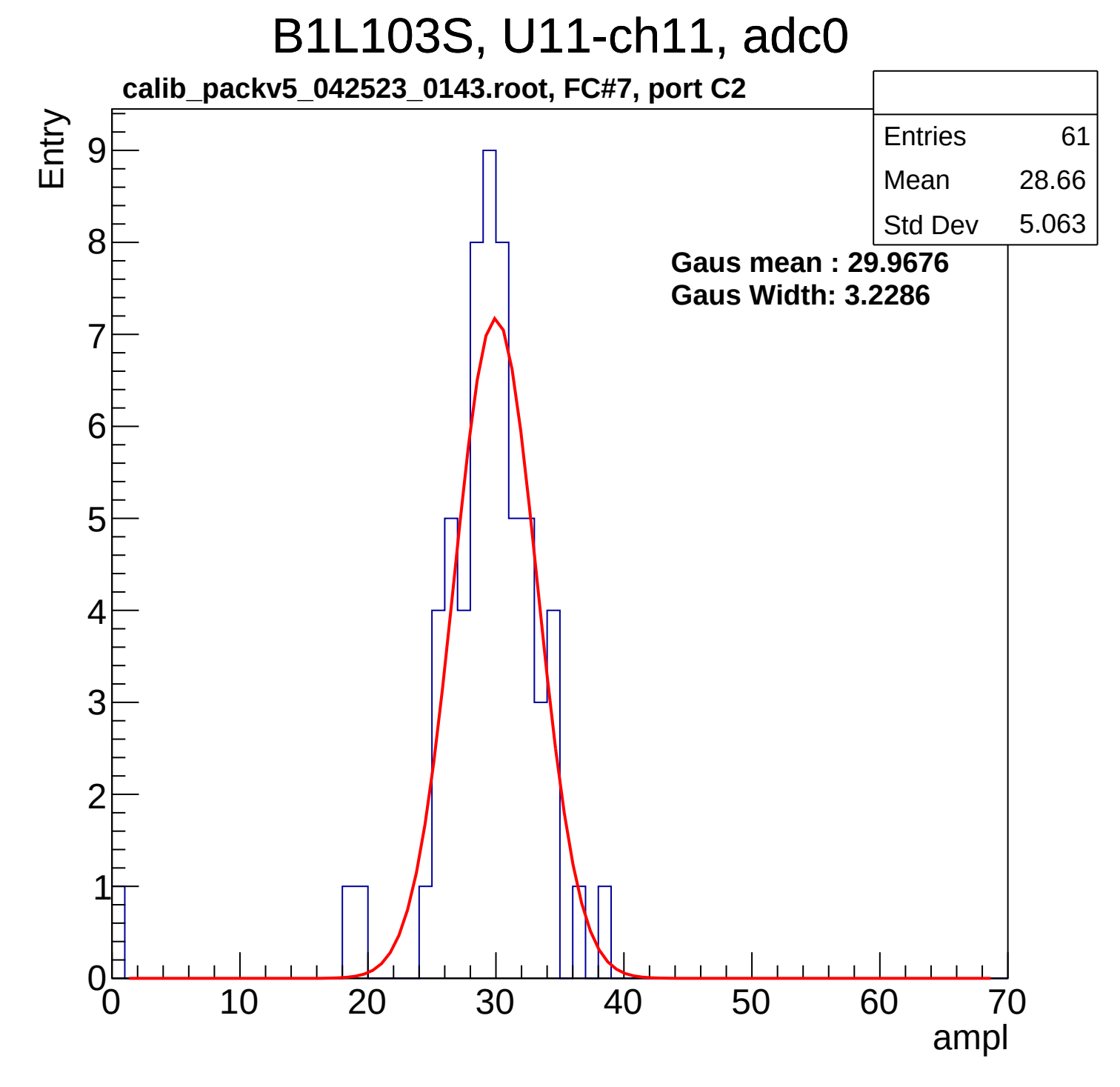
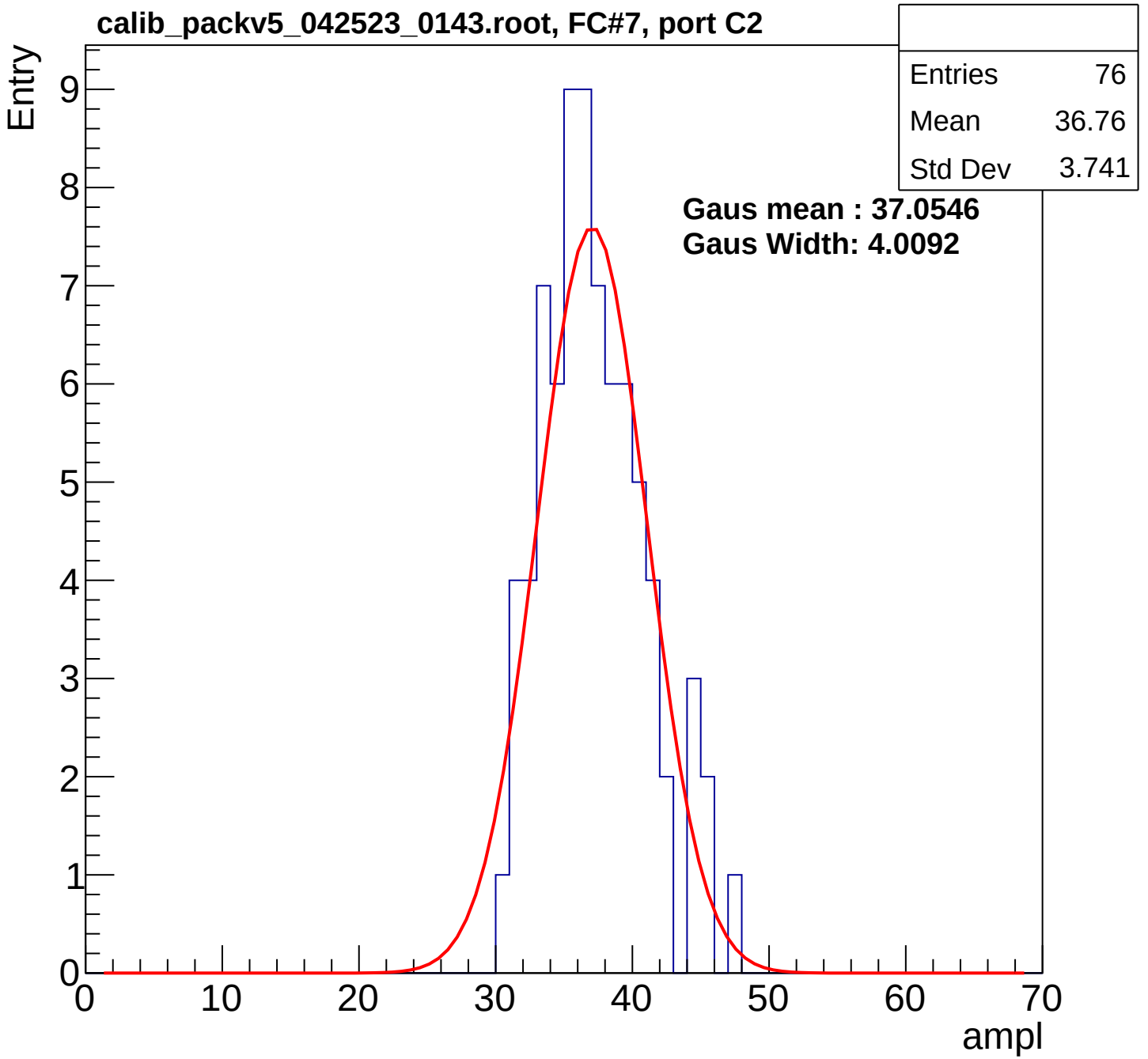
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch10, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 41
Mean 60.24
Std Dev 2.366
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch10, adc6
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch10, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch11, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 28.66
Std Dev 5.063
Gaus mean : 29.9676
Gaus Width: 3.2286
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch11, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 36.76
Std Dev 3.741
Gaus mean : 37.0546
Gaus Width: 4.0092
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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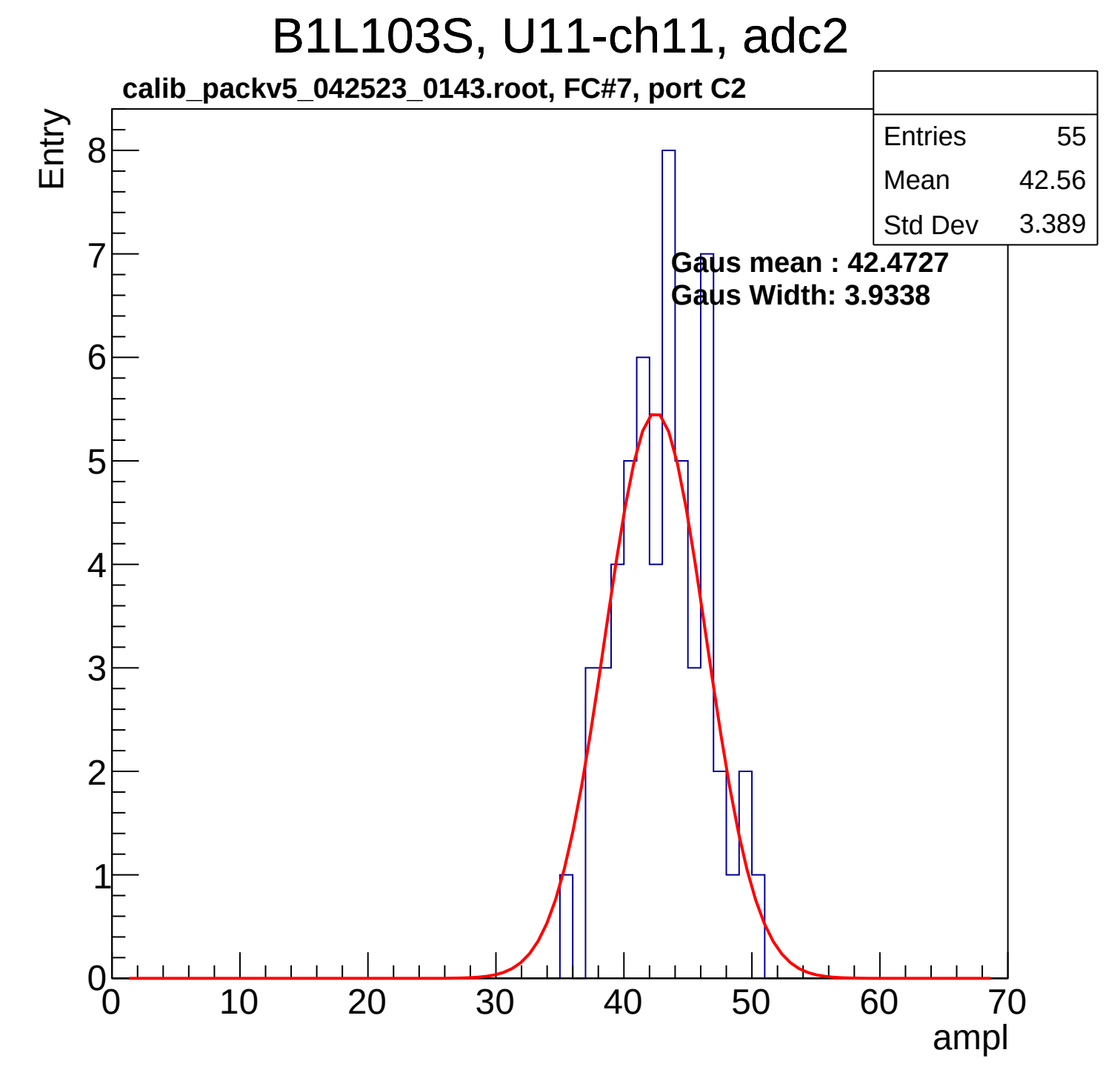
B1L103S, U11-ch11, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 42.56
Std Dev 3.389
Gaus mean : 42.4727
Gaus Width: 3.9338
Entry
ampl
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1
2
3
4
5
6
7
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0
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60
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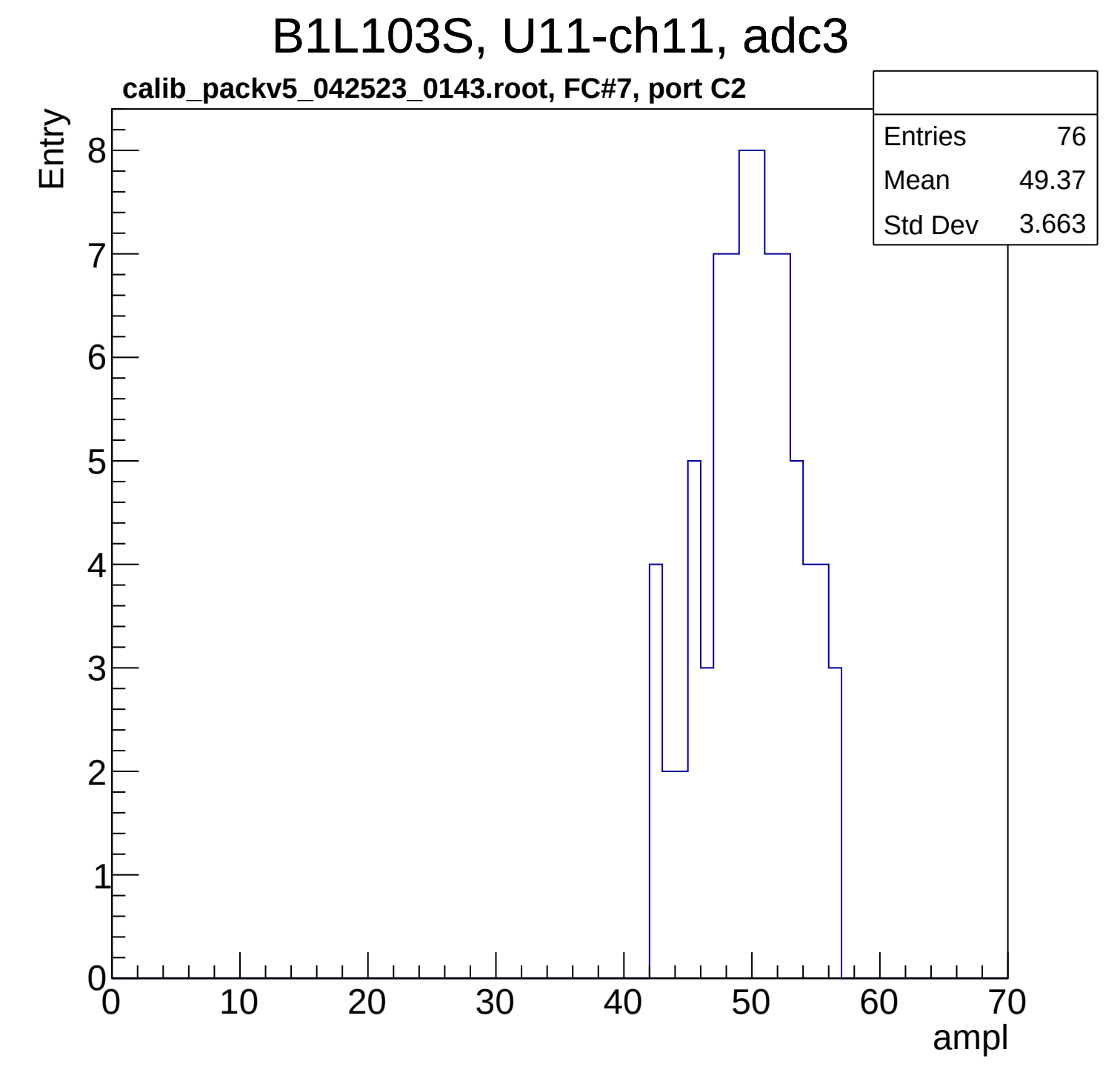
B1L103S, U11-ch11, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 49.37
Std Dev 3.663
Entry
ampl
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3
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60
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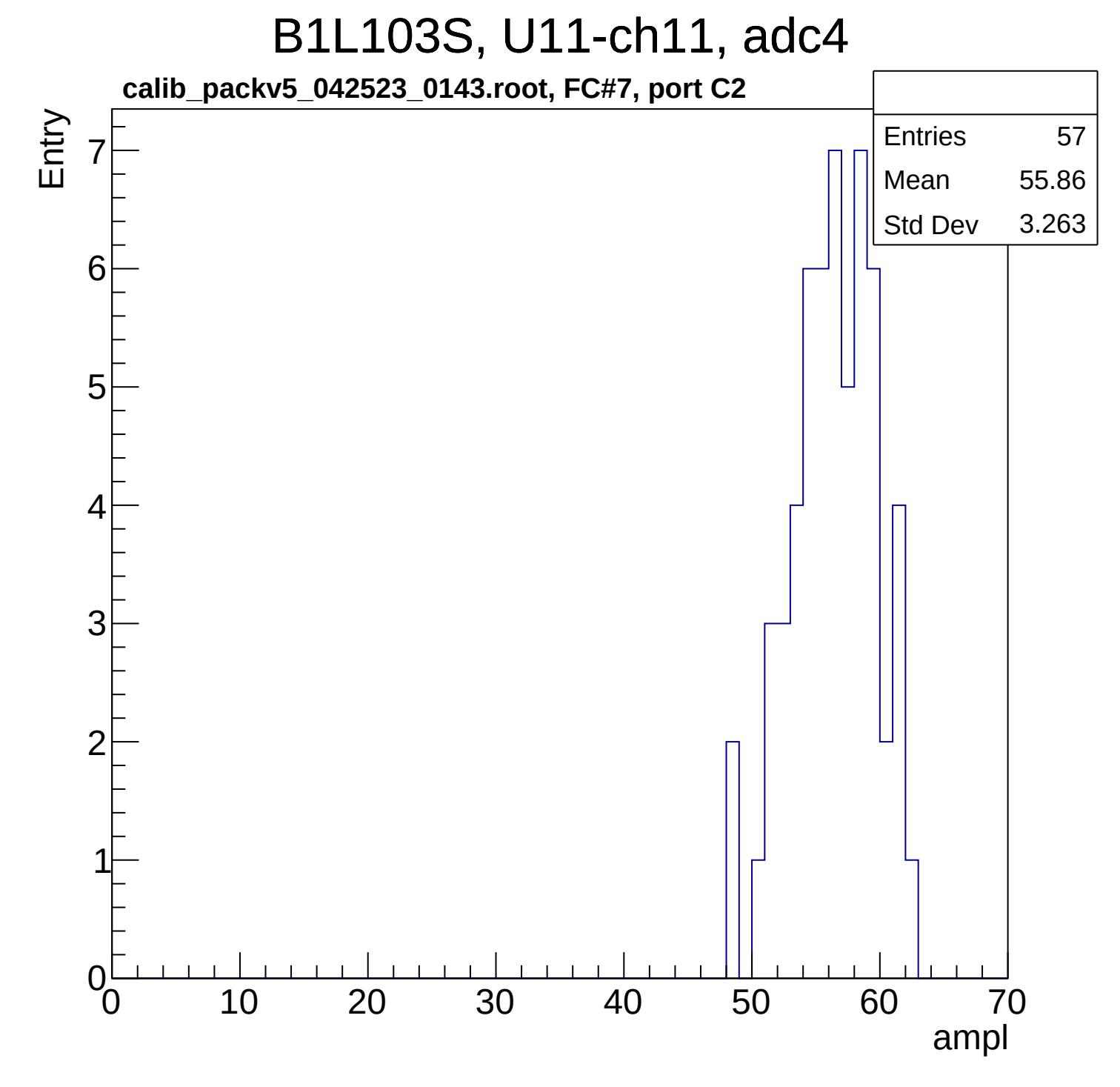
B1L103S, U11-ch11, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 55.86
Std Dev 3.263
Entry
ampl
0
1
2
3
4
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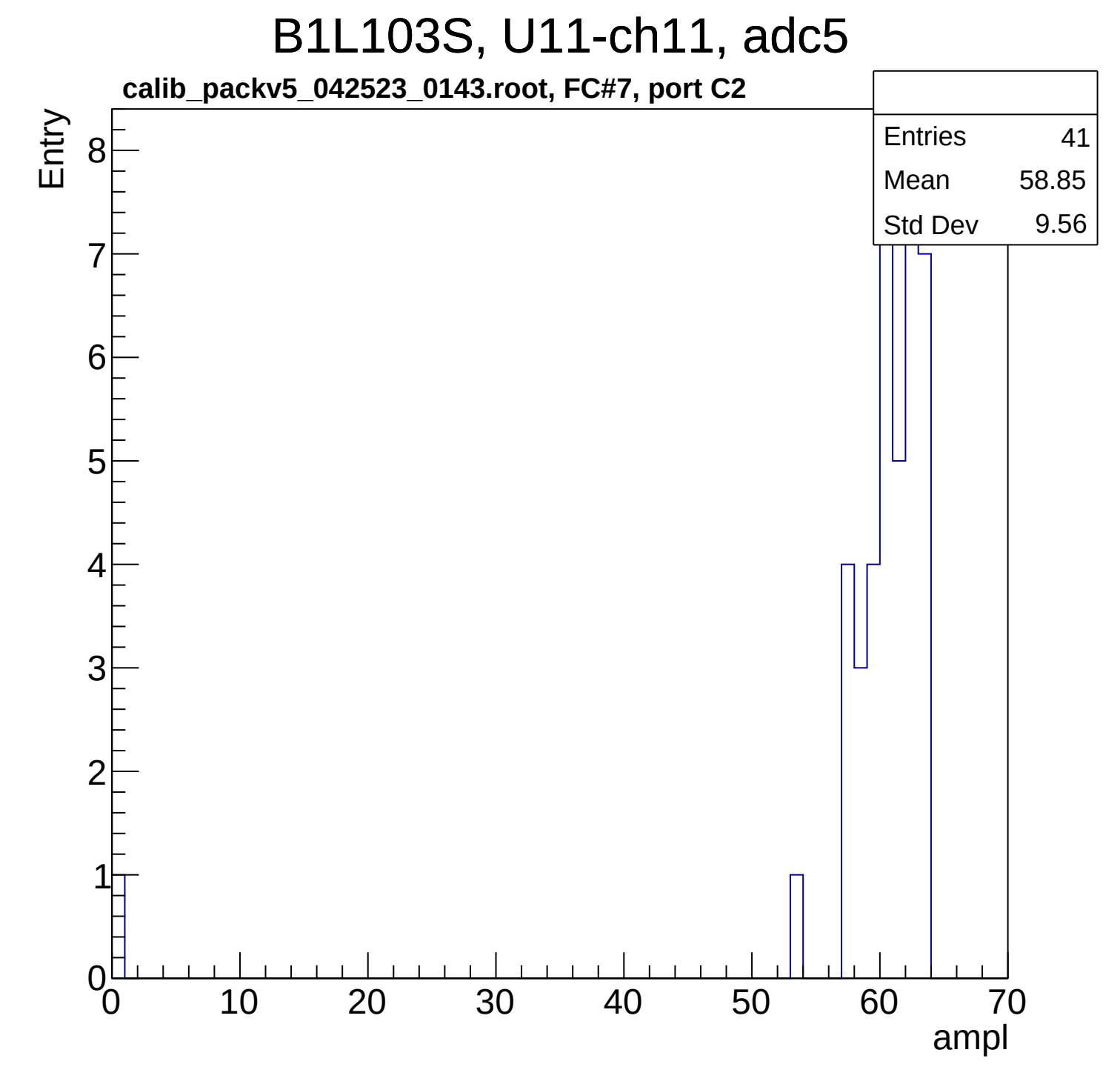
B1L103S, U11-ch11, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 41
Mean 58.85
Std Dev 9.56
Entry
ampl
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1
2
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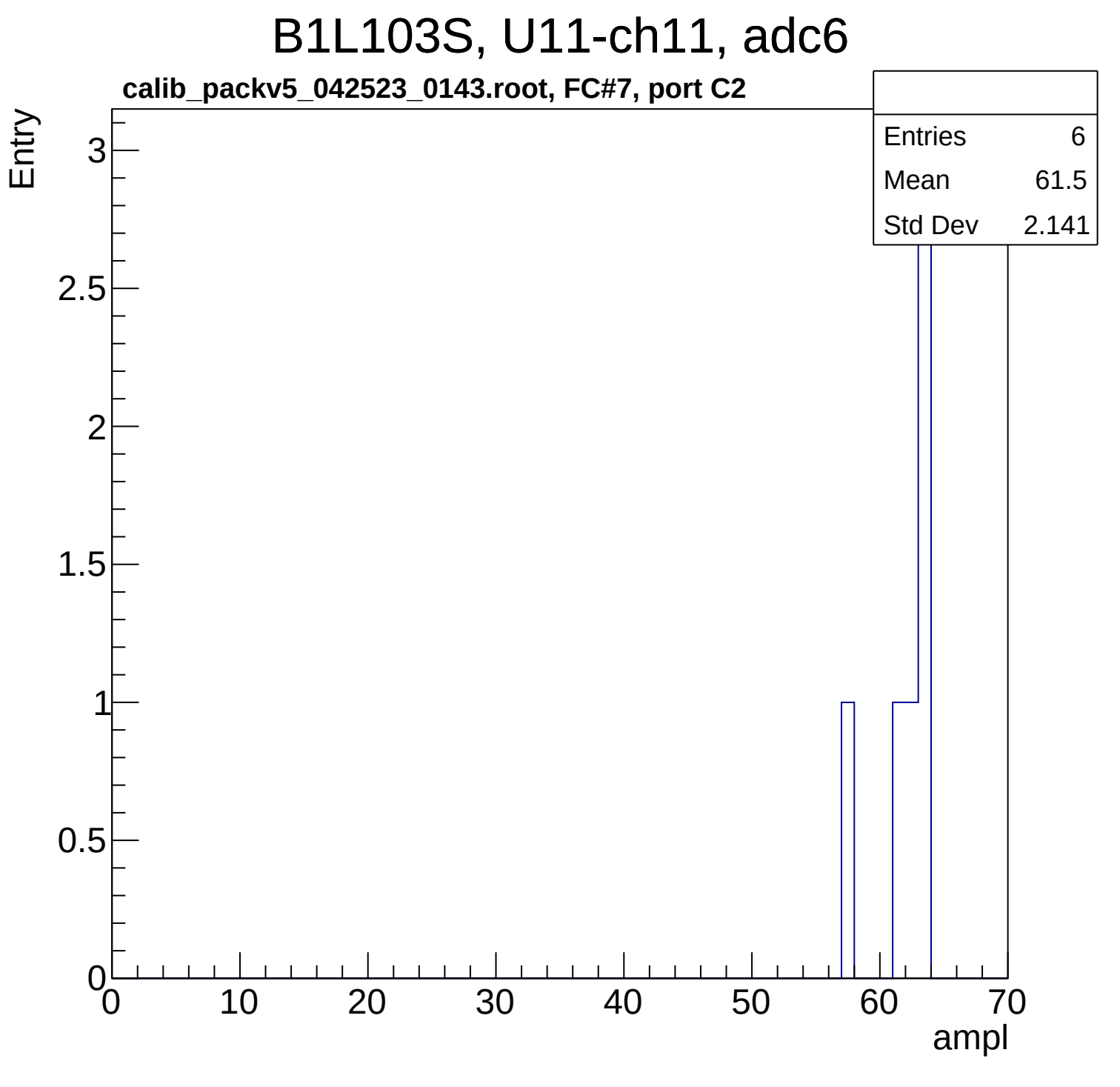
B1L103S, U11-ch11, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 6
Mean 61.5
Std Dev 2.141
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
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20
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40
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60
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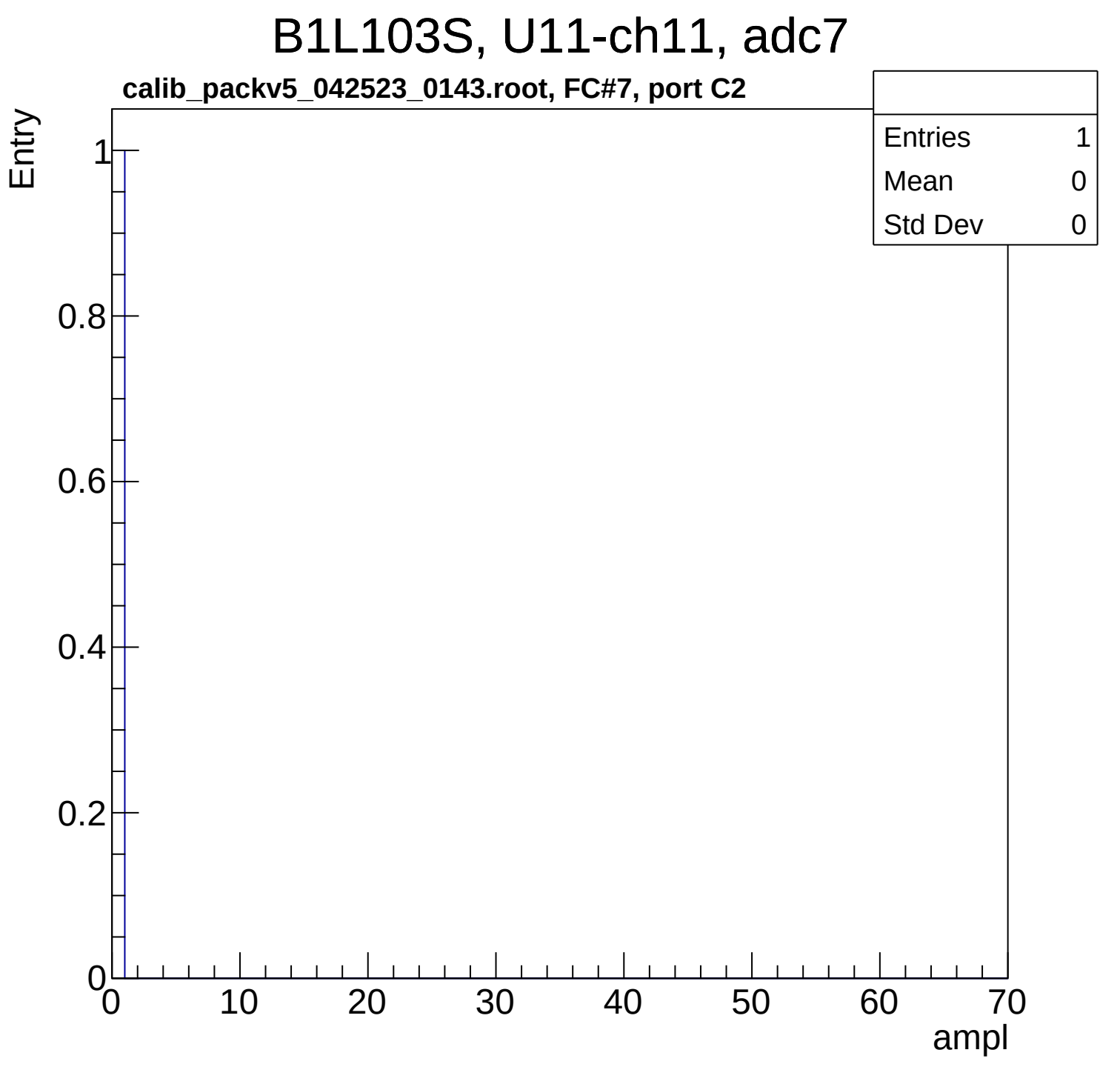
B1L103S, U11-ch11, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
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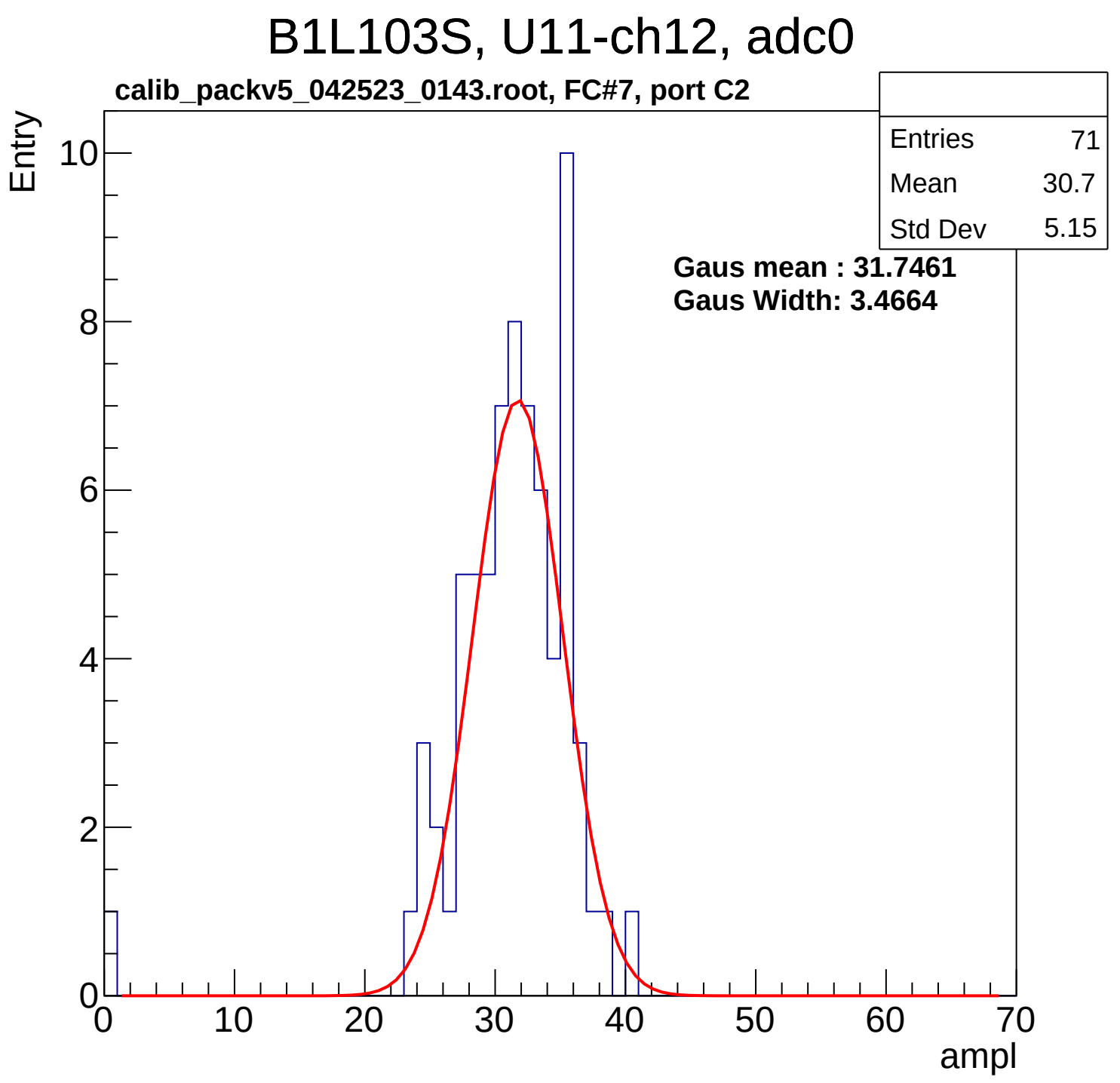
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch12, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 30.7
Std Dev 5.15
Gaus mean : 31.7461
Gaus Width: 3.4664
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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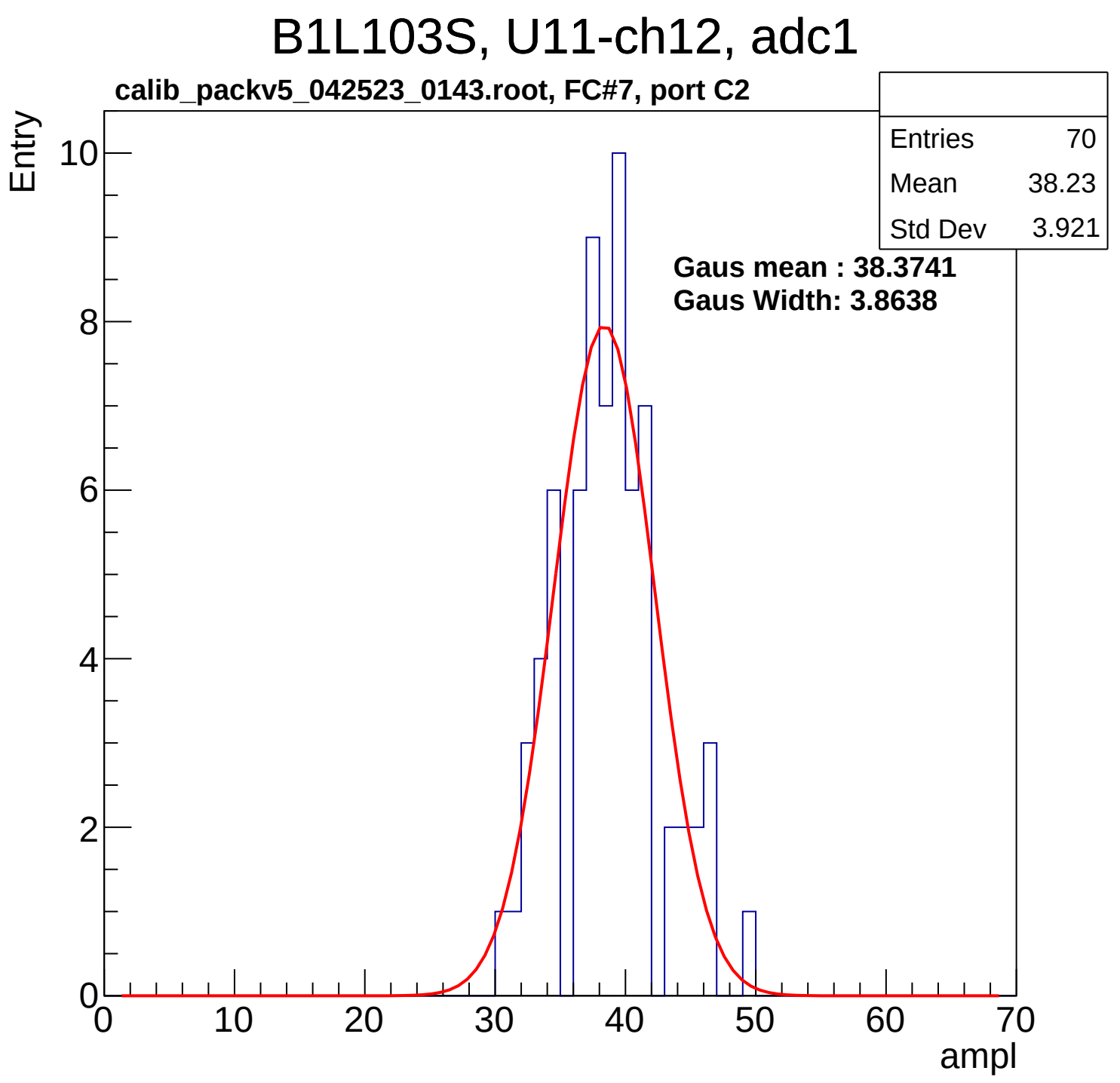
B1L103S, U11-ch12, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 38.23
Std Dev 3.921
Gaus mean : 38.3741
Gaus Width: 3.8638
Entry
ampl
0
2
4
6
8
10
0
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40
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60
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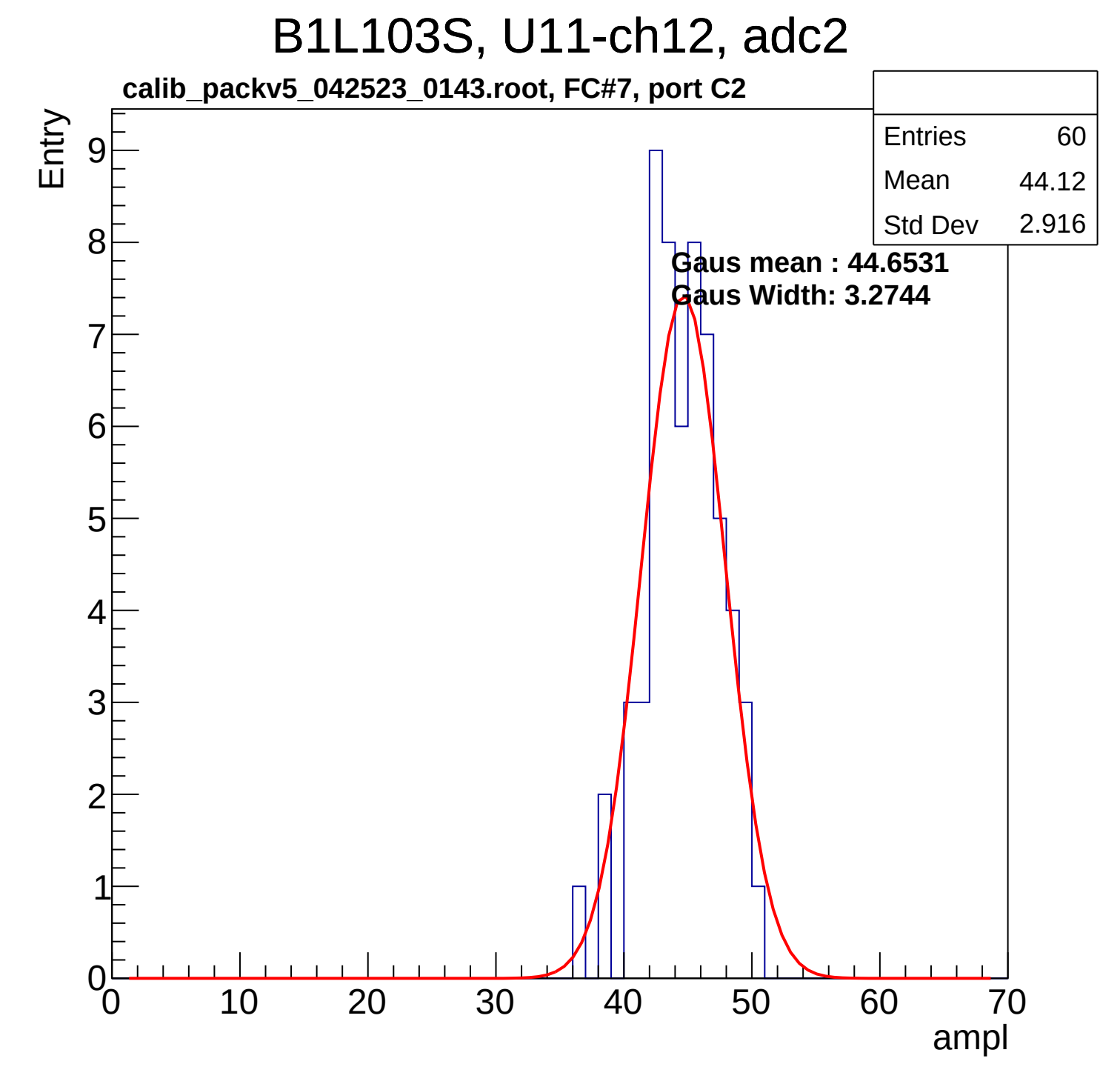
B1L103S, U11-ch12, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 44.12
Std Dev 2.916
Gaus mean : 44.6531
Gaus Width: 3.2744
Entry
ampl
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1
2
3
4
5
6
7
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0
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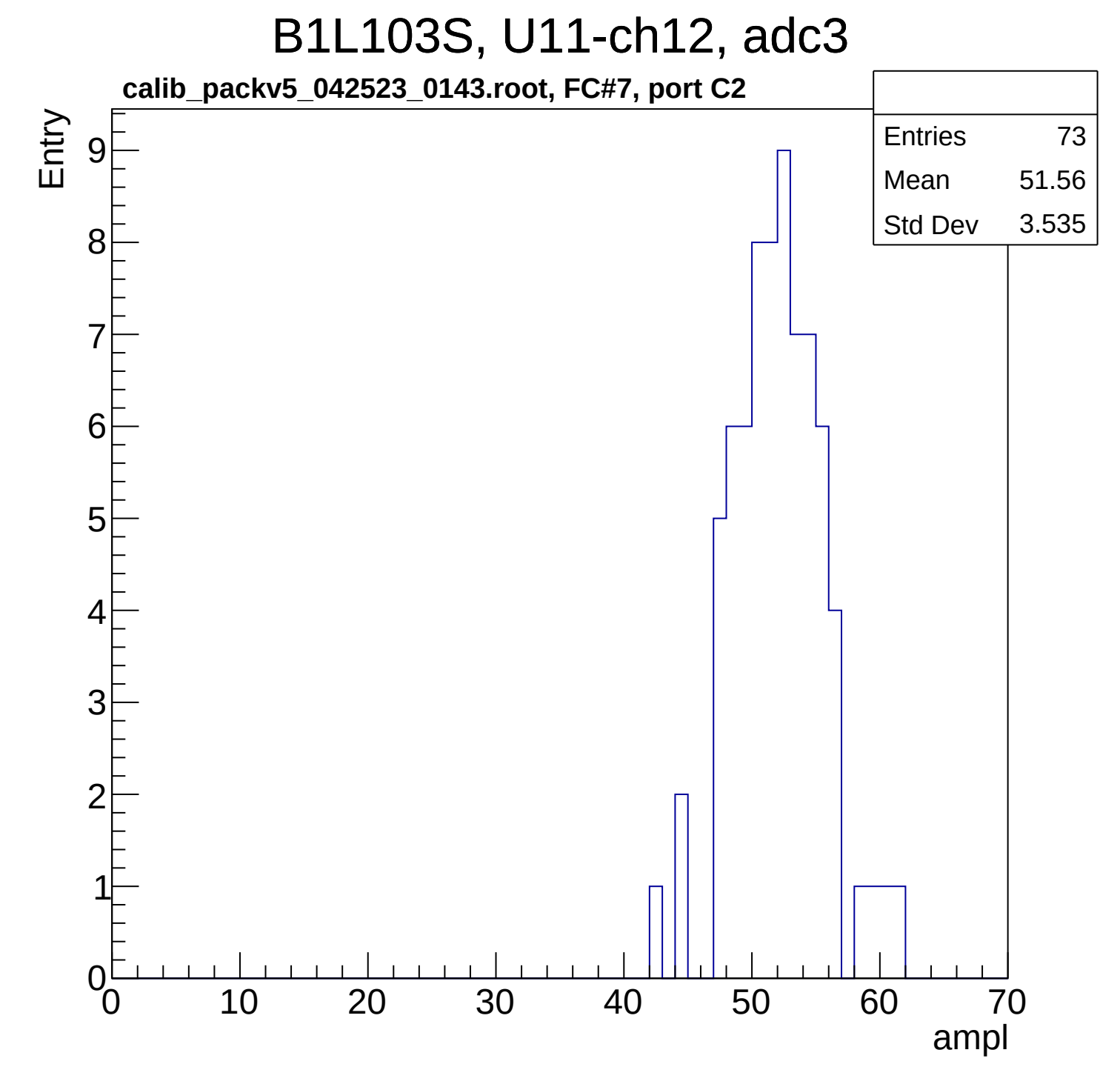
B1L103S, U11-ch12, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 51.56
Std Dev 3.535
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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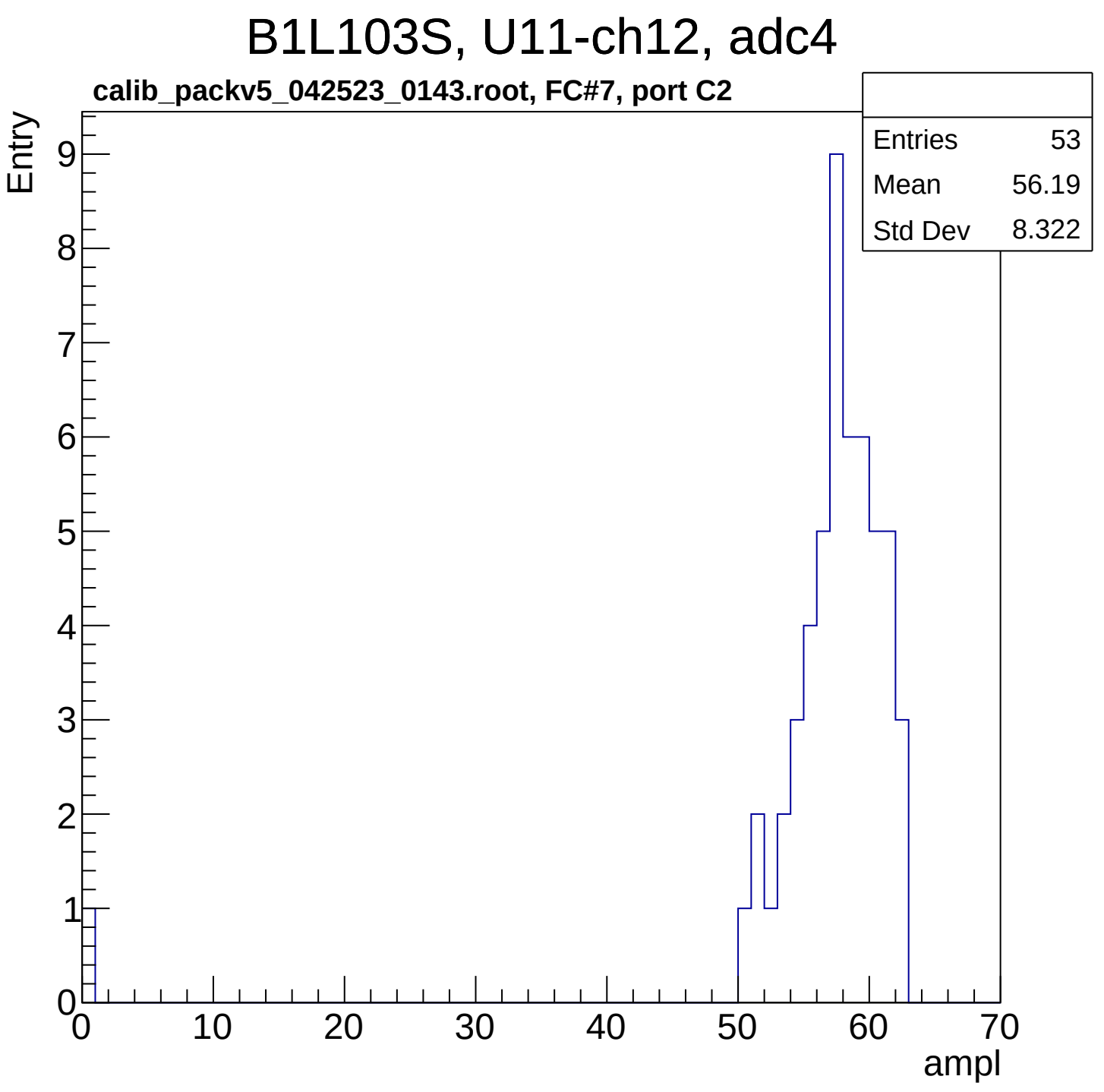
B1L103S, U11-ch12, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 53
Mean 56.19
Std Dev 8.322
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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20
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60
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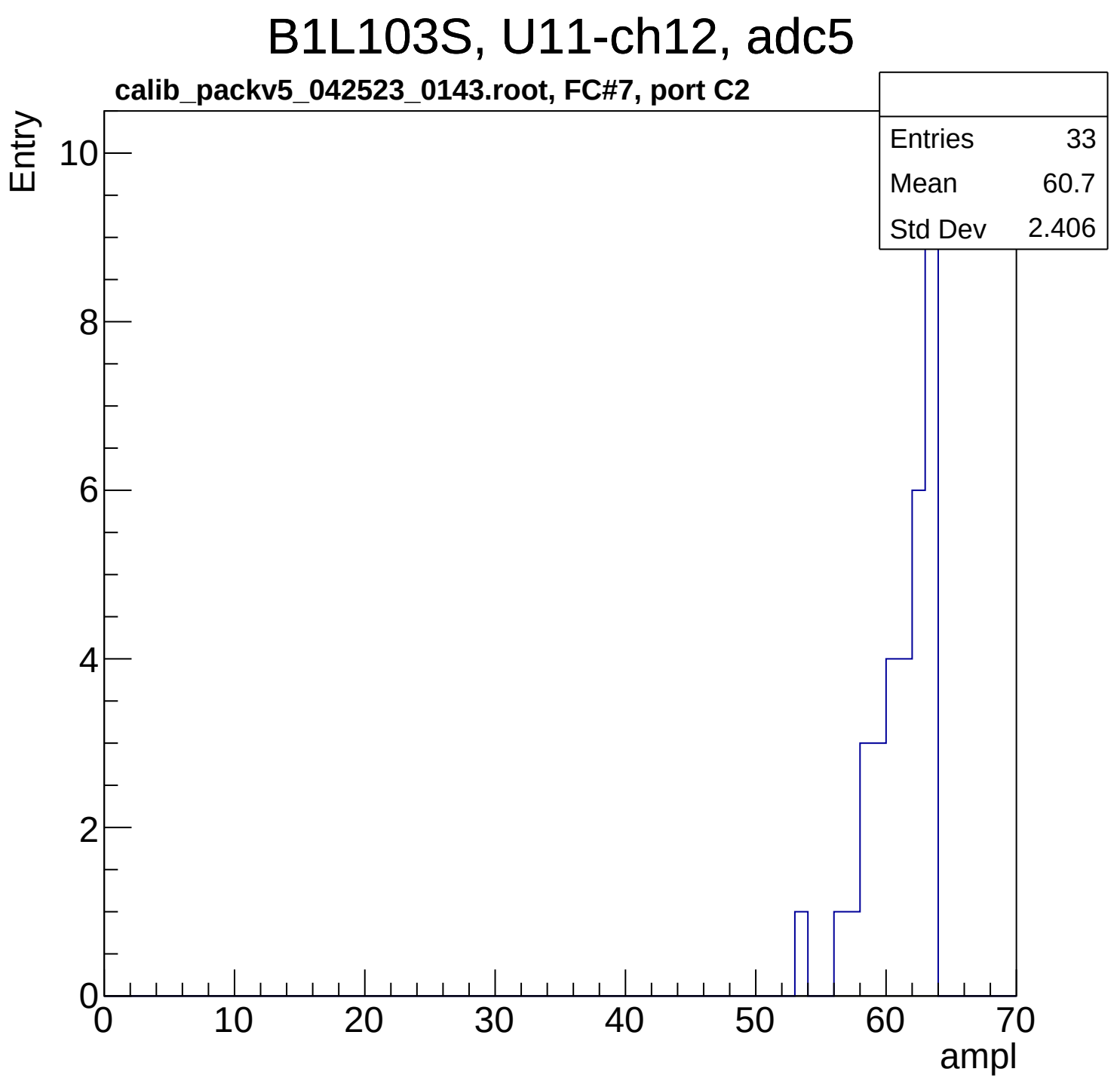
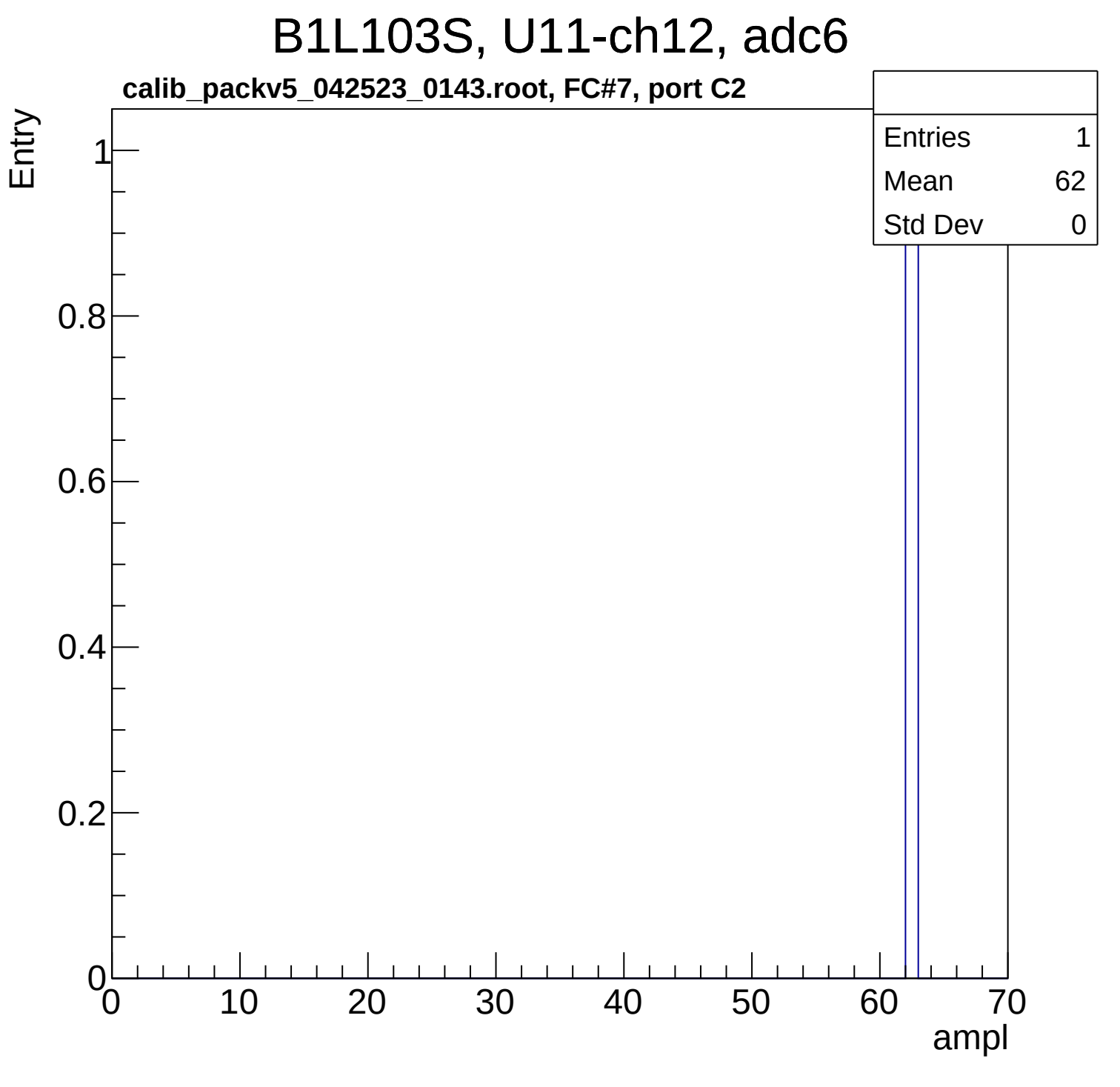

B1L103S, U11-ch12, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 33
Mean 60.7
Std Dev 2.406
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch12, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 62
Std Dev 0
Entry
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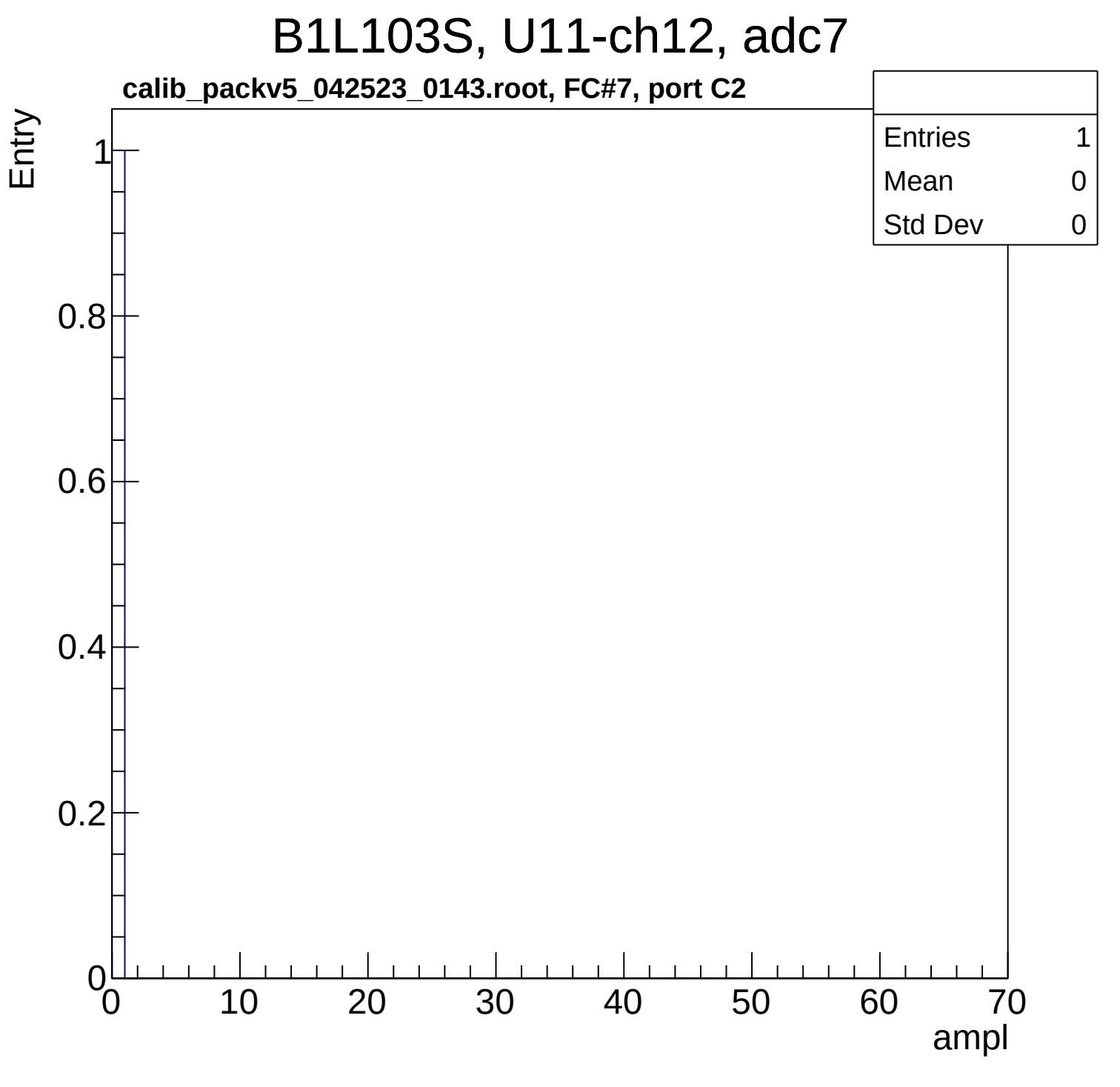
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch12, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
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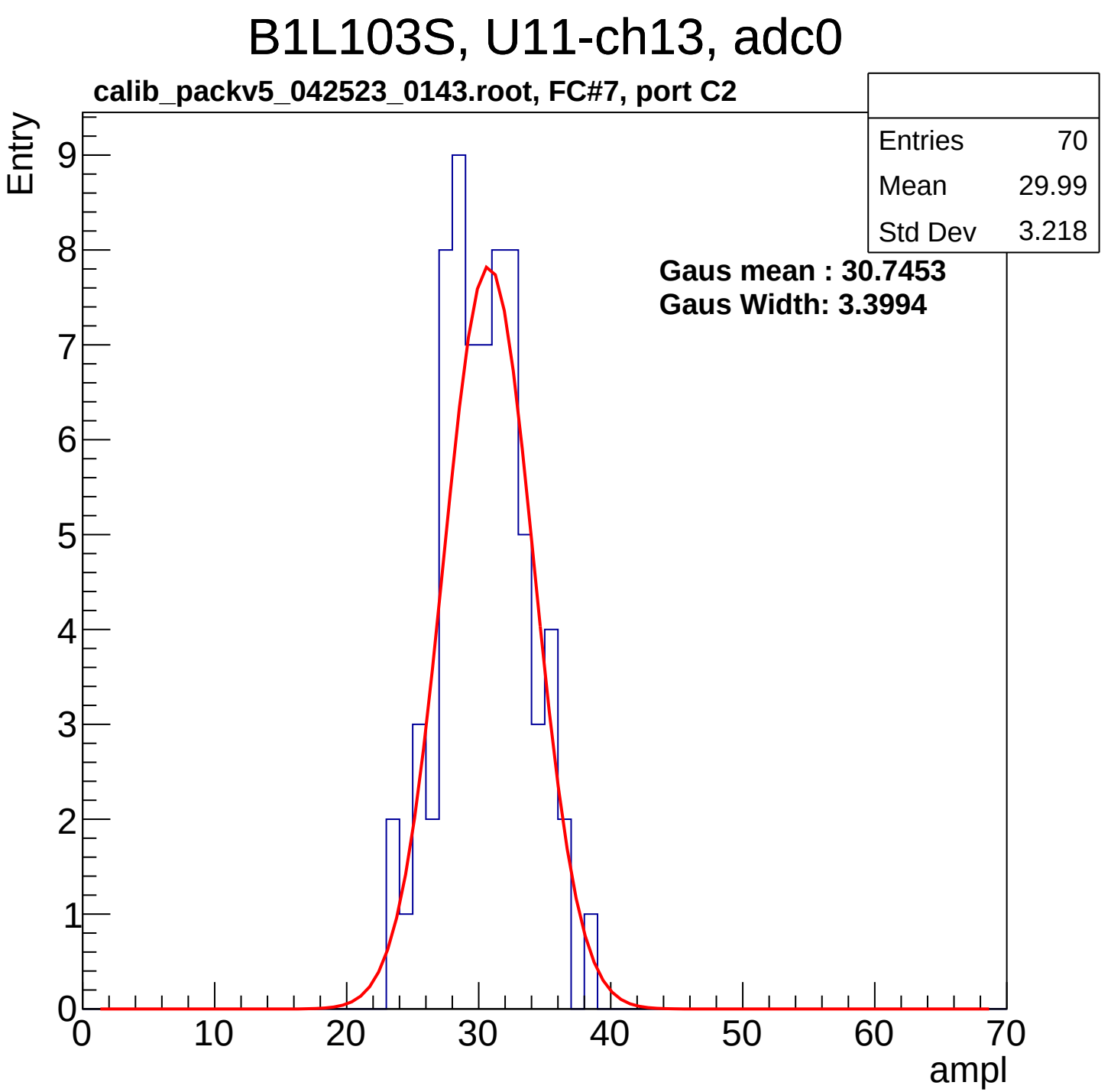
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch13, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 29.99
Std Dev 3.218
Gaus mean : 30.7453
Gaus Width: 3.3994
Entry
ampl
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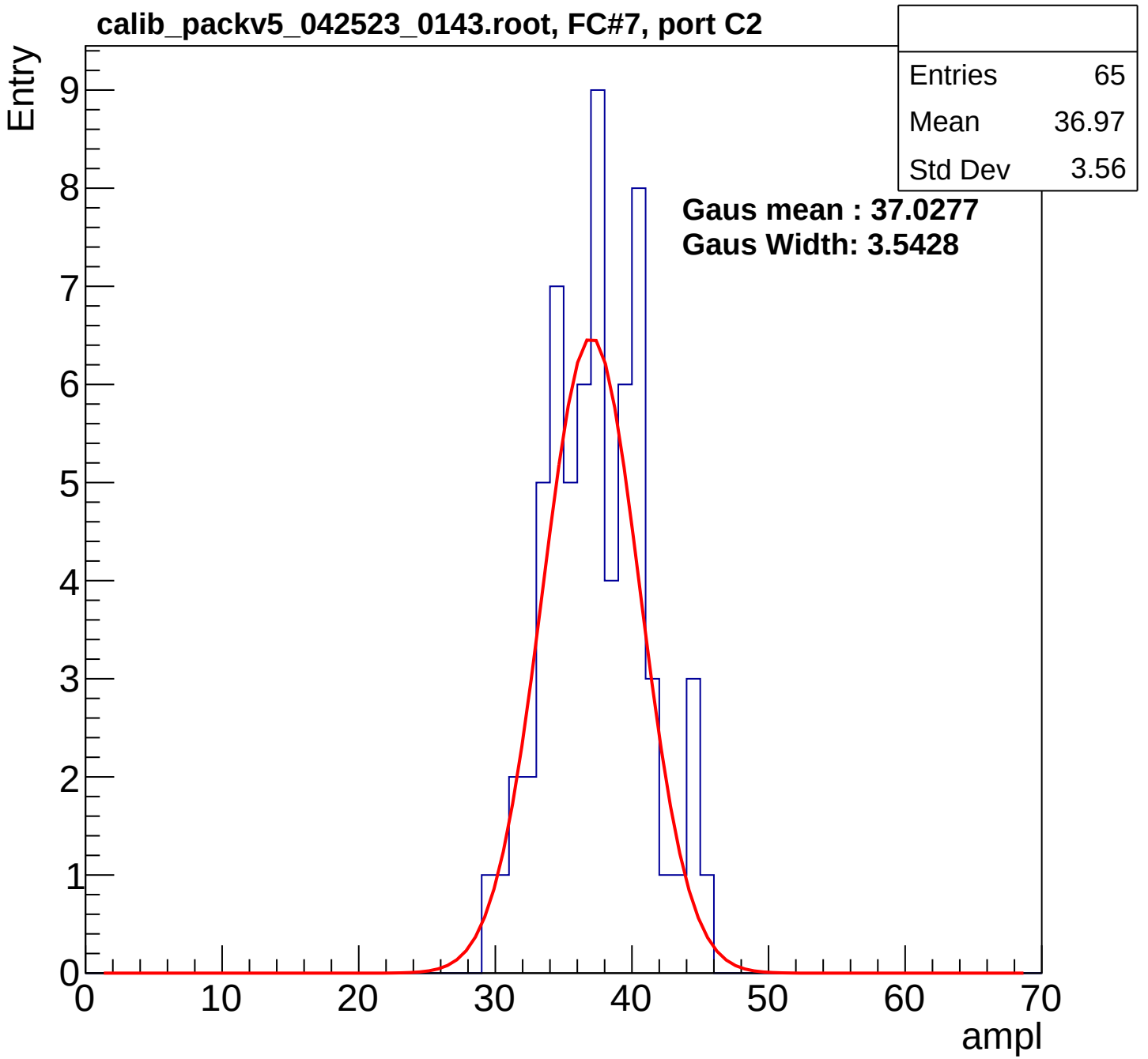
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch13, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 36.97
Std Dev 3.56
Gaus mean : 37.0277
Gaus Width: 3.5428
Entry
ampl
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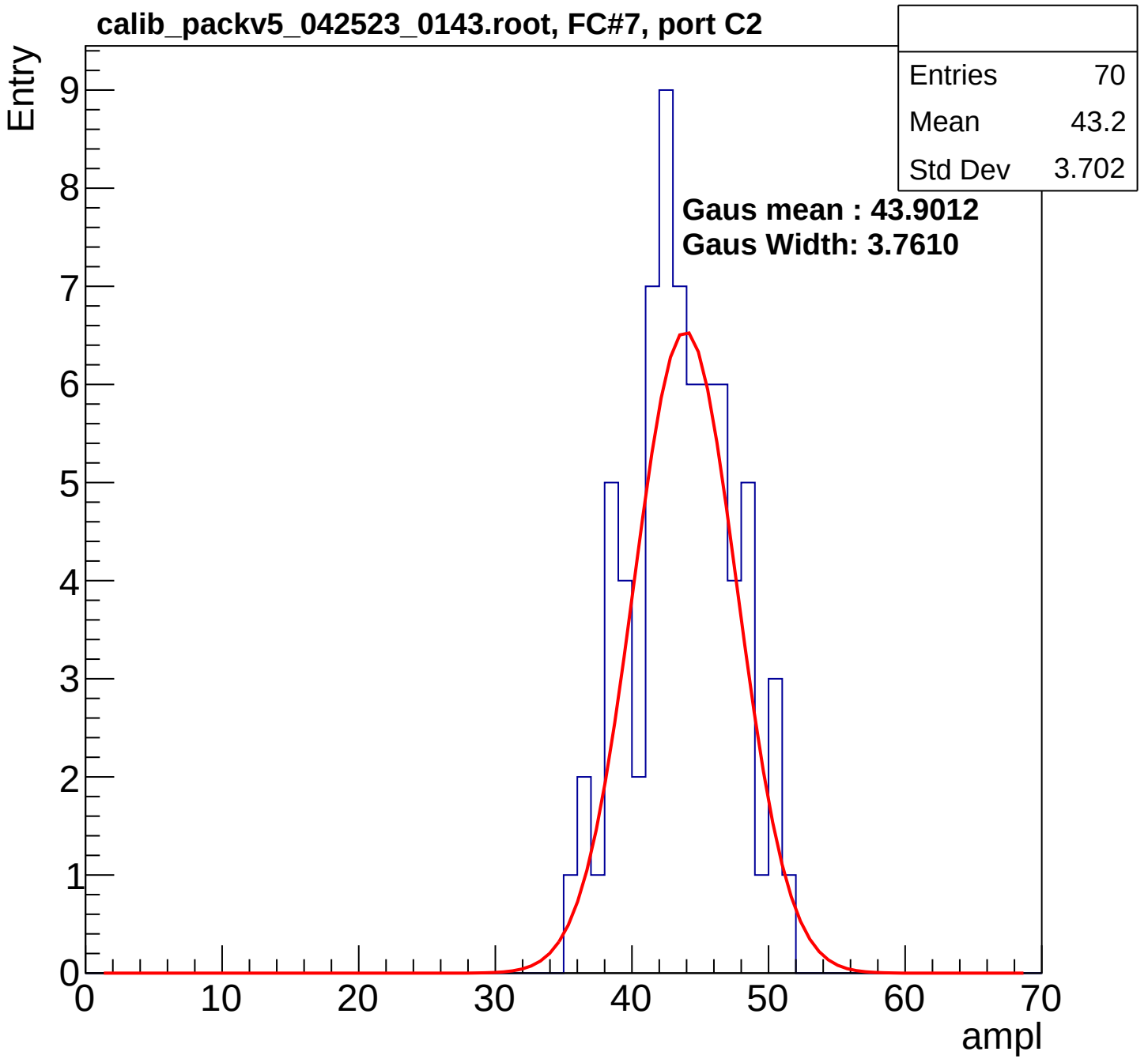
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch13, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 43.2
Std Dev 3.702
Gaus mean : 43.9012
Gaus Width: 3.7610
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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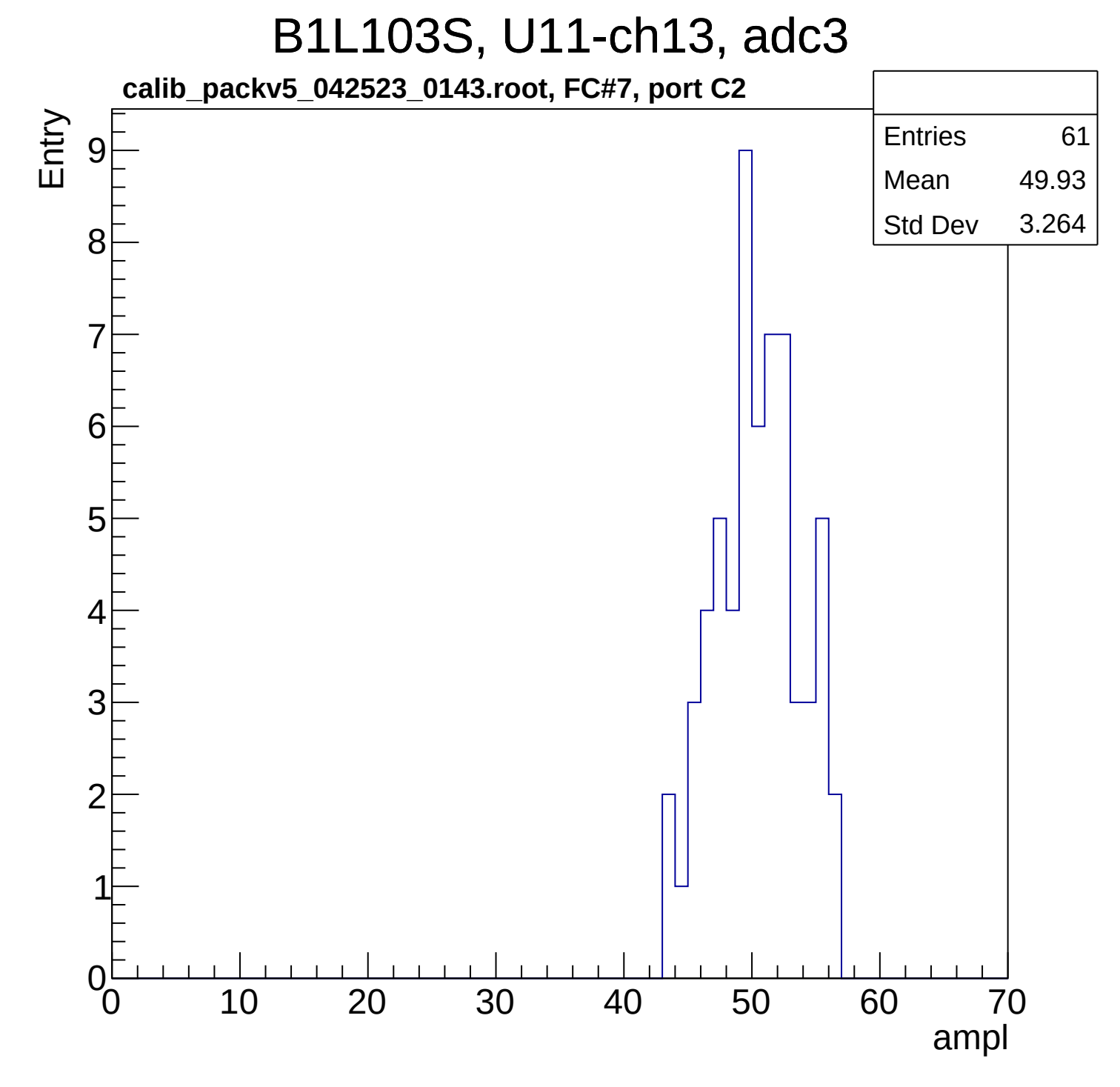
B1L103S, U11-ch13, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 49.93
Std Dev 3.264
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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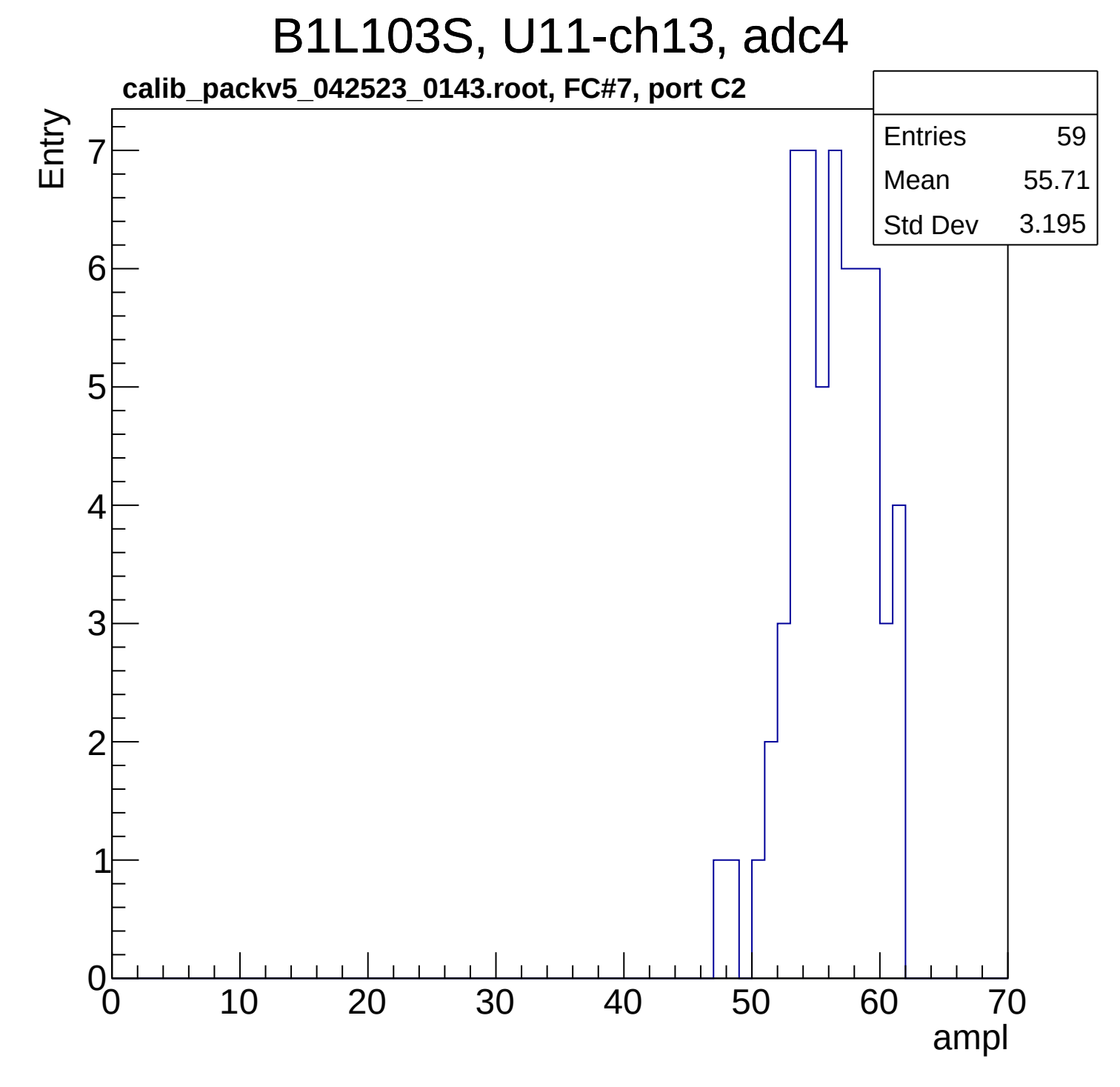
B1L103S, U11-ch13, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 55.71
Std Dev 3.195
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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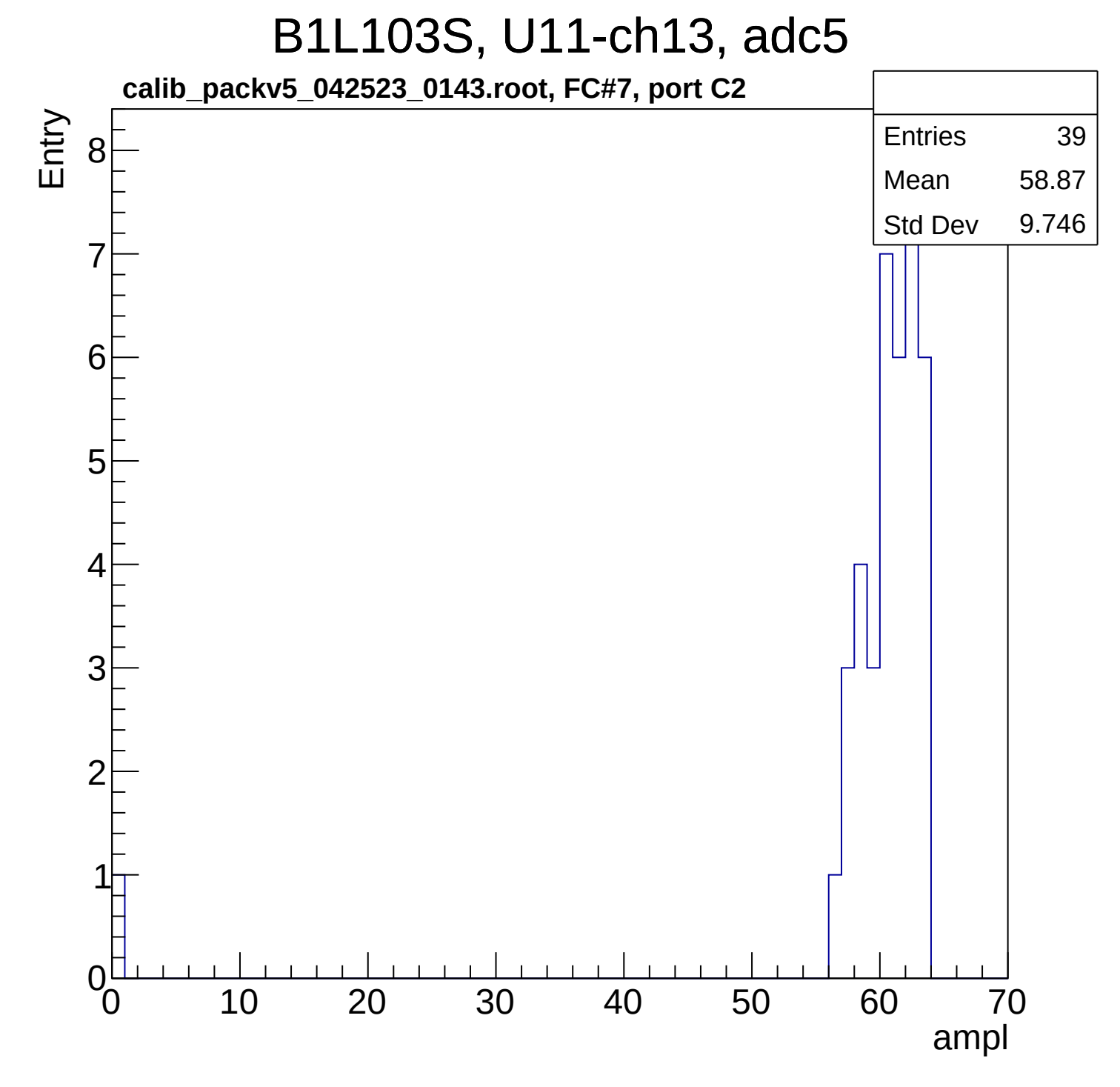
B1L103S, U11-ch13, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 39
Mean 58.87
Std Dev 9.746
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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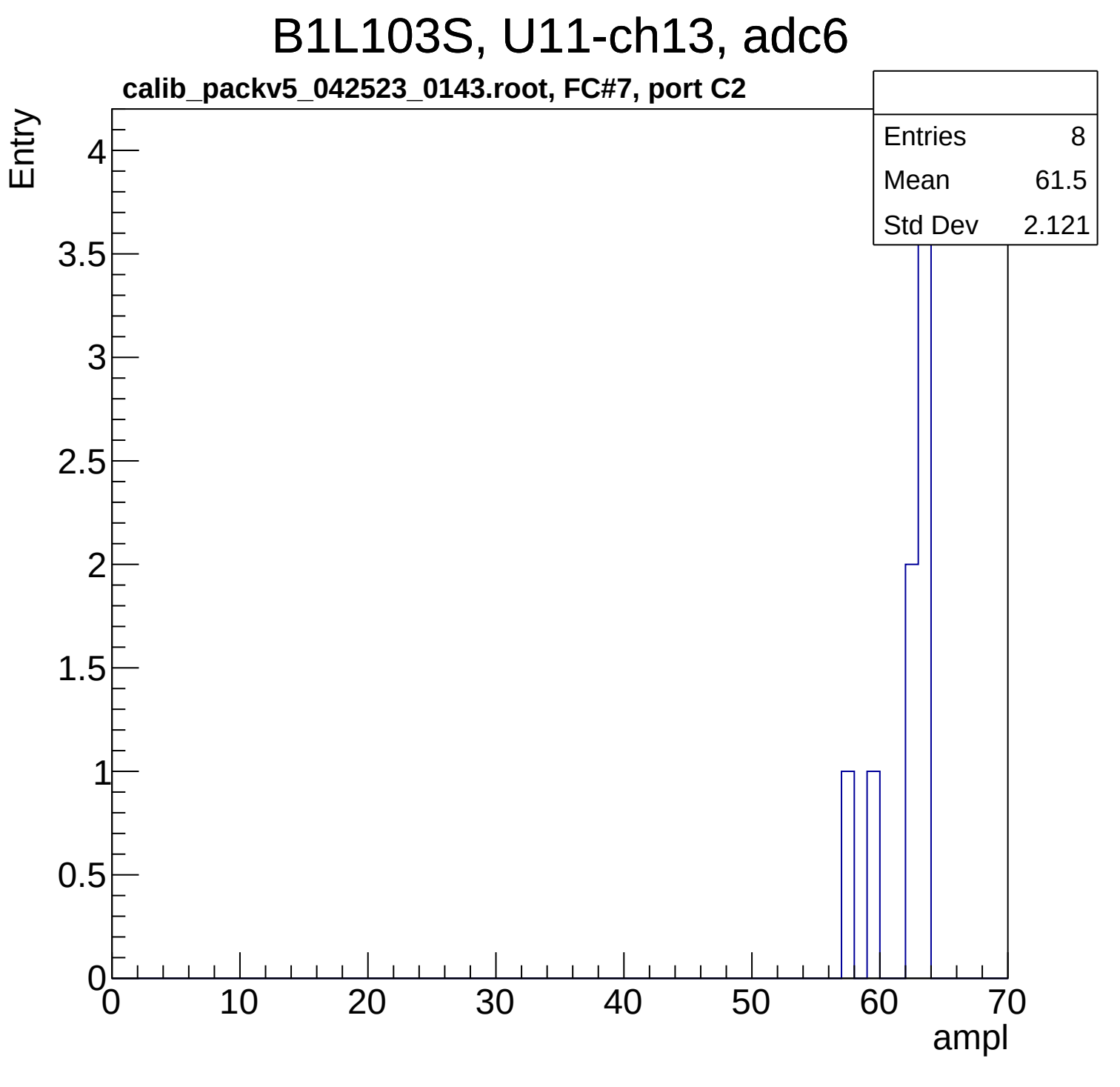
B1L103S, U11-ch13, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 8
Mean 61.5
Std Dev 2.121
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
4
0
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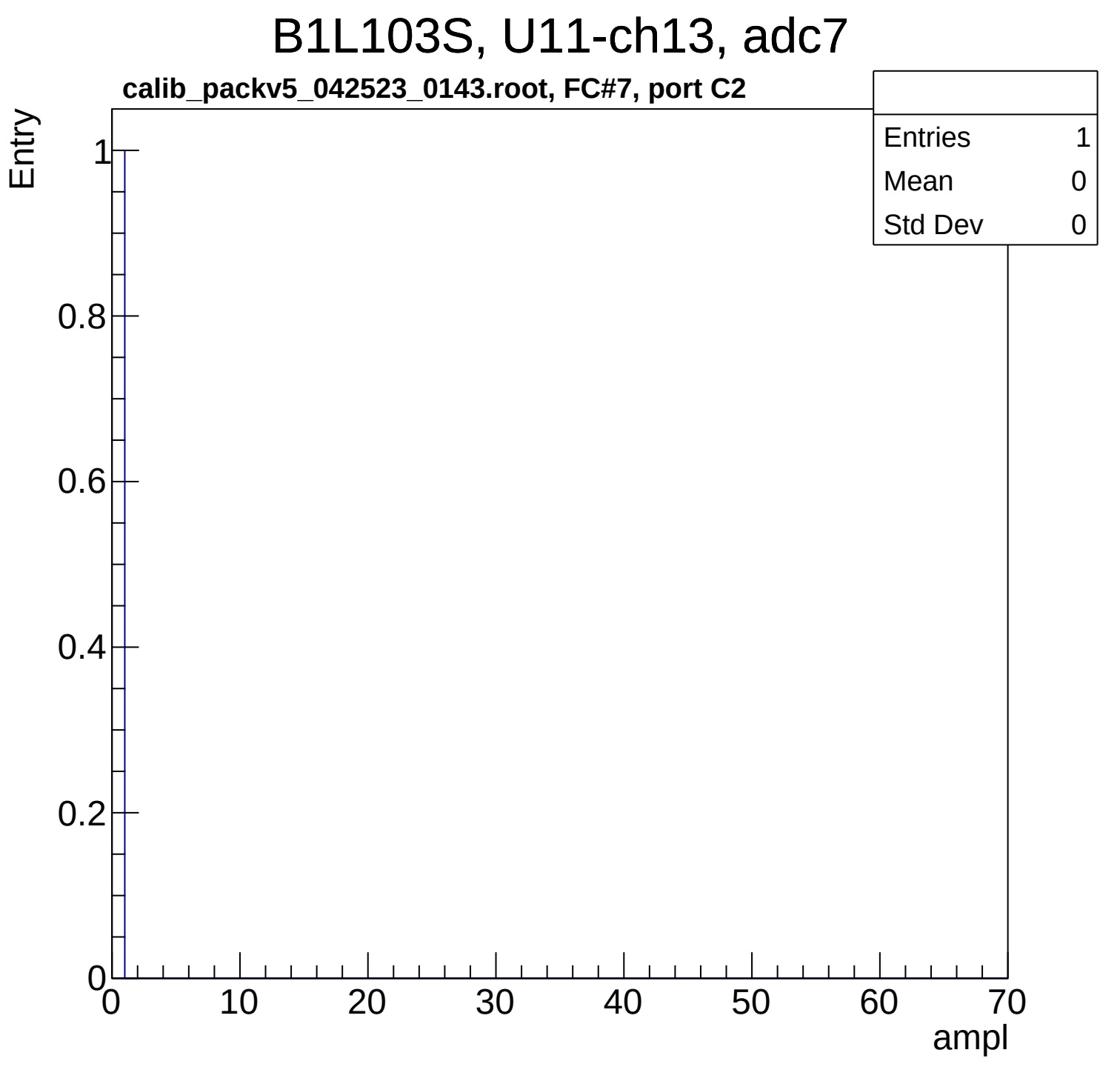
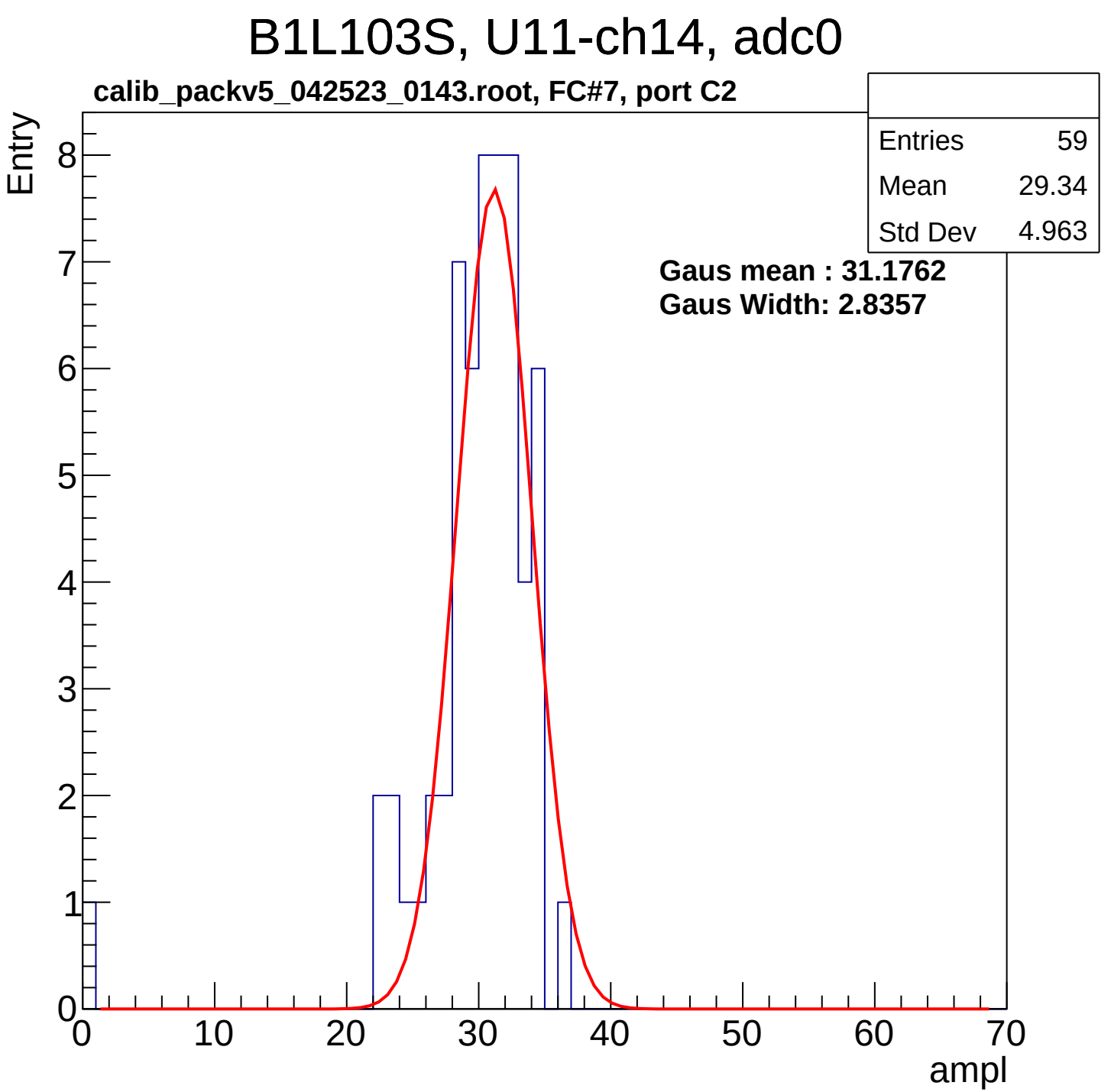
20
30
40
50
60
70


B1L103S, U11-ch13, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch14, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 29.34
Std Dev 4.963
Gaus mean : 31.1762
Gaus Width: 2.8357
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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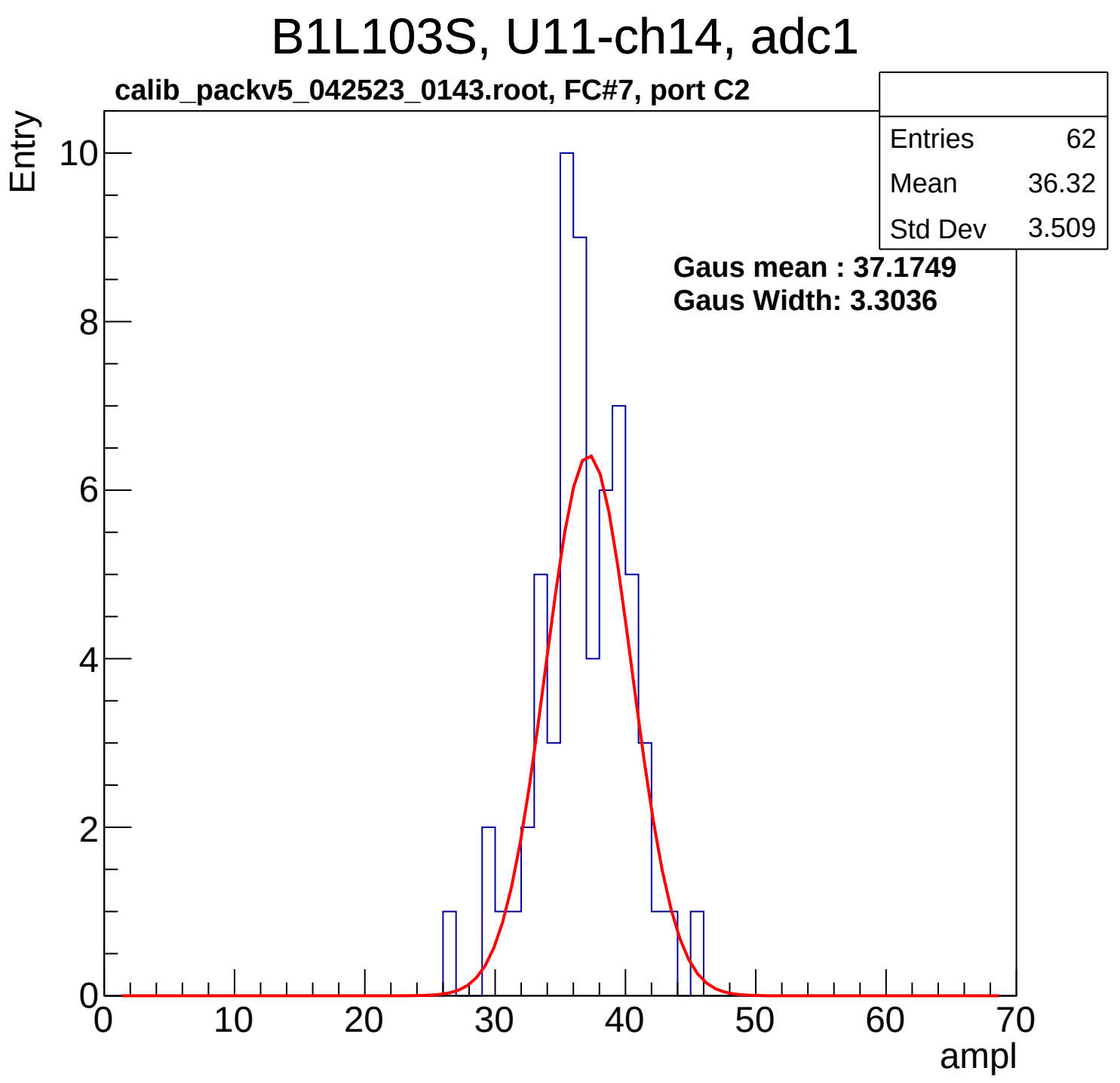
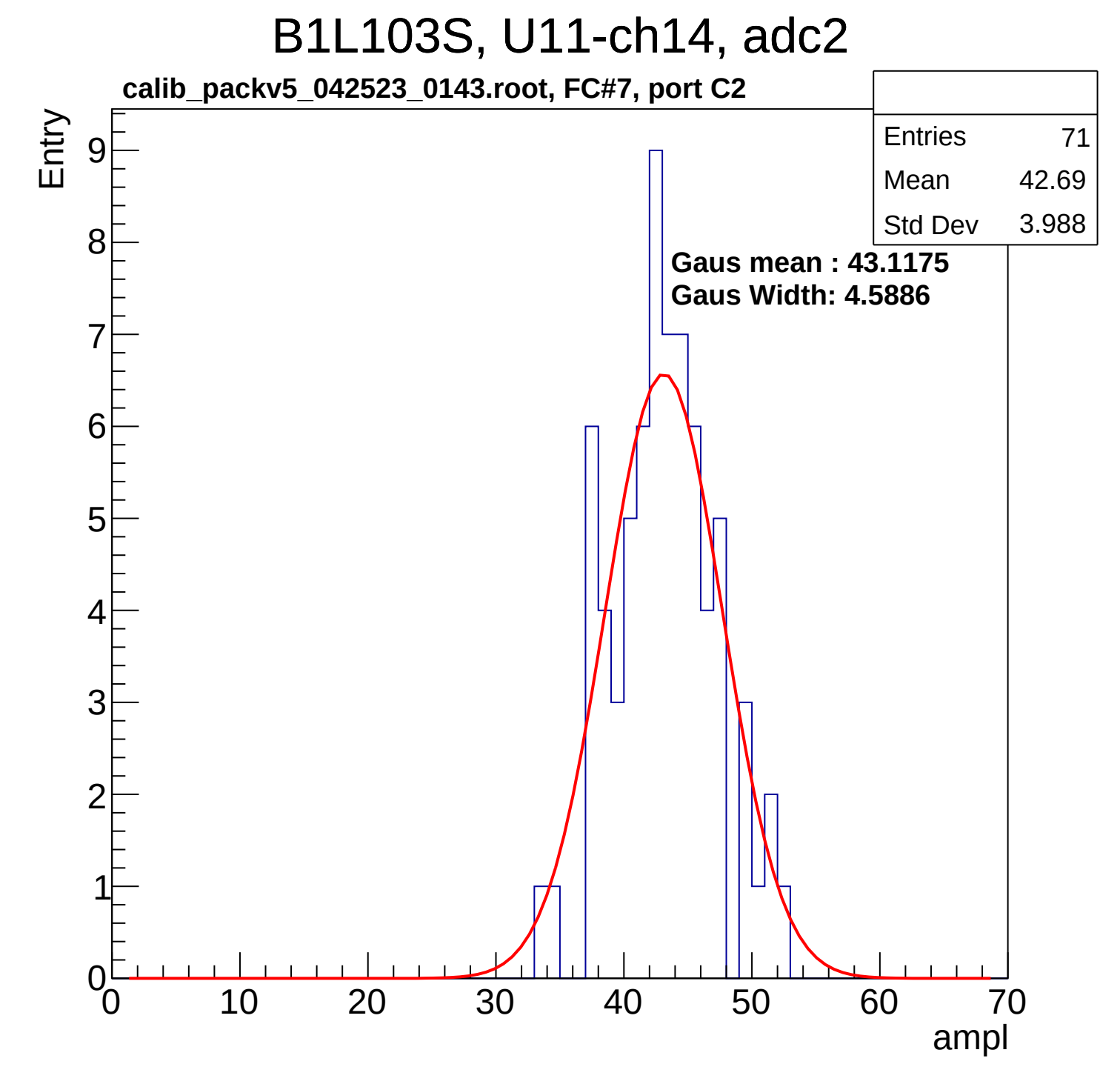
40
50
60
70


B1L103S, U11-ch14, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 36.32
Std Dev 3.509
Gaus mean : 37.1749
Gaus Width: 3.3036
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch14, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 42.69
Std Dev 3.988
Gaus mean : 43.1175
Gaus Width: 4.5886
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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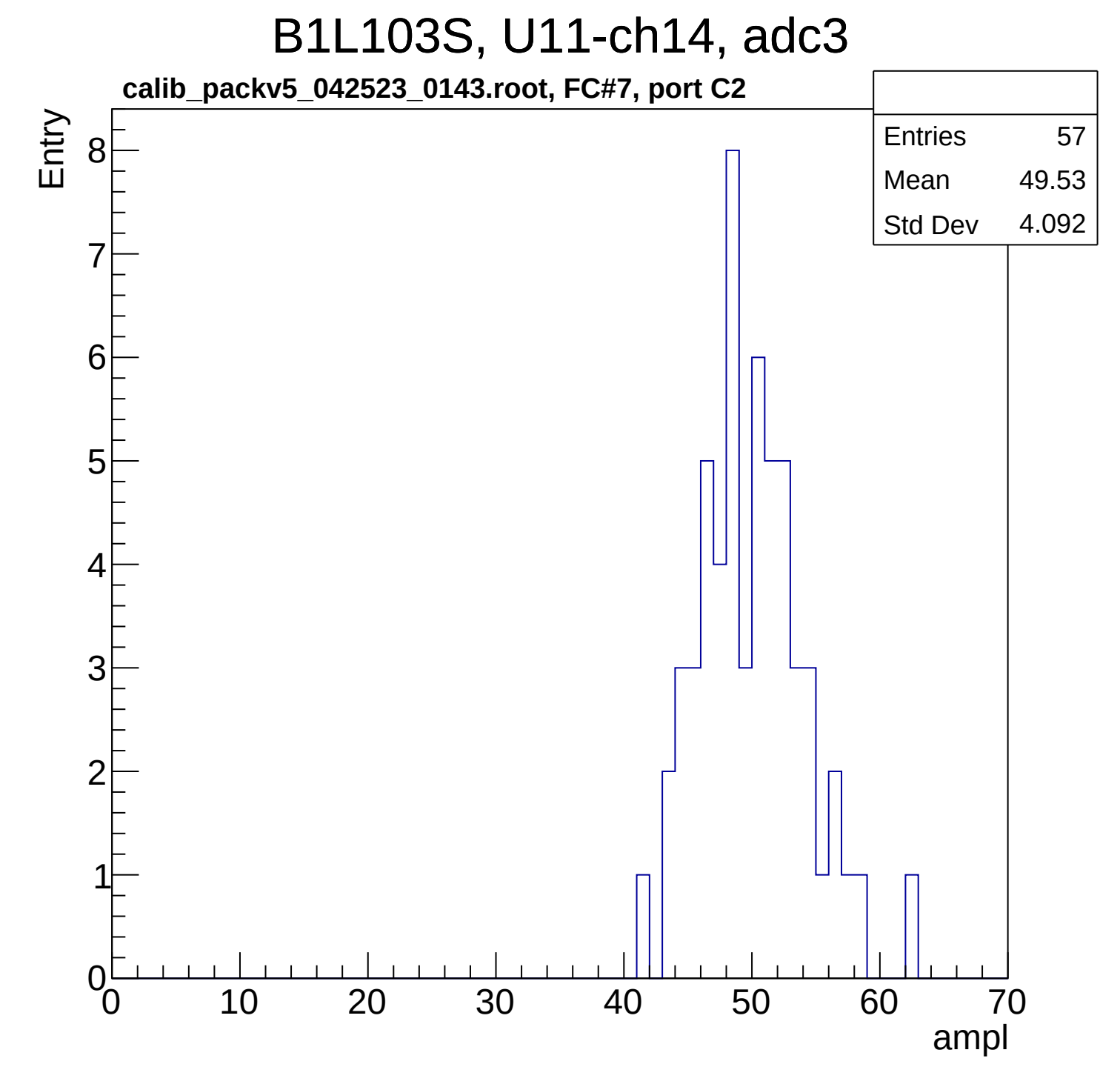
40
50
60
70


B1L103S, U11-ch14, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 49.53
Std Dev 4.092
Entry
ampl
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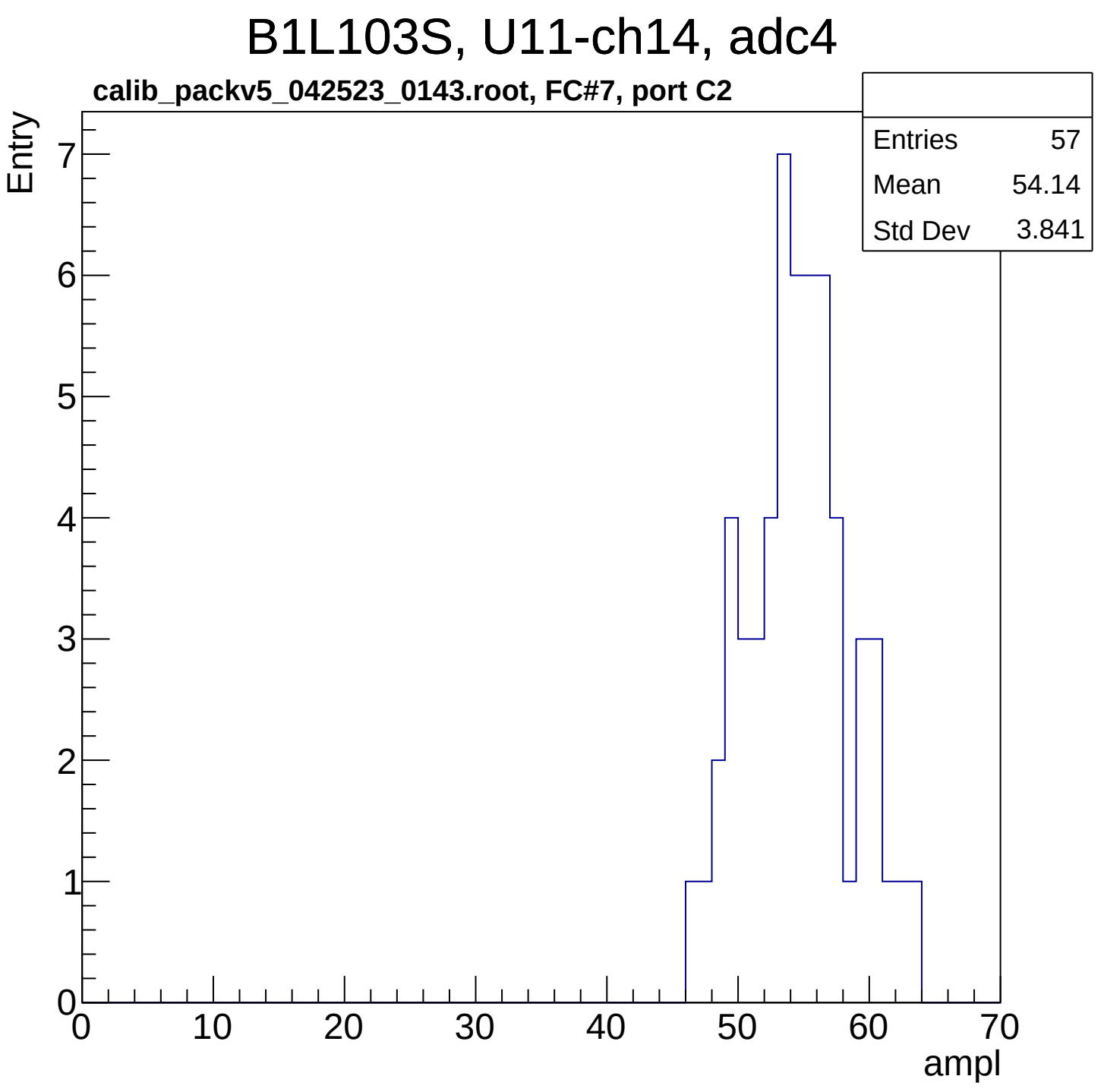
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch14, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 54.14
Std Dev 3.841
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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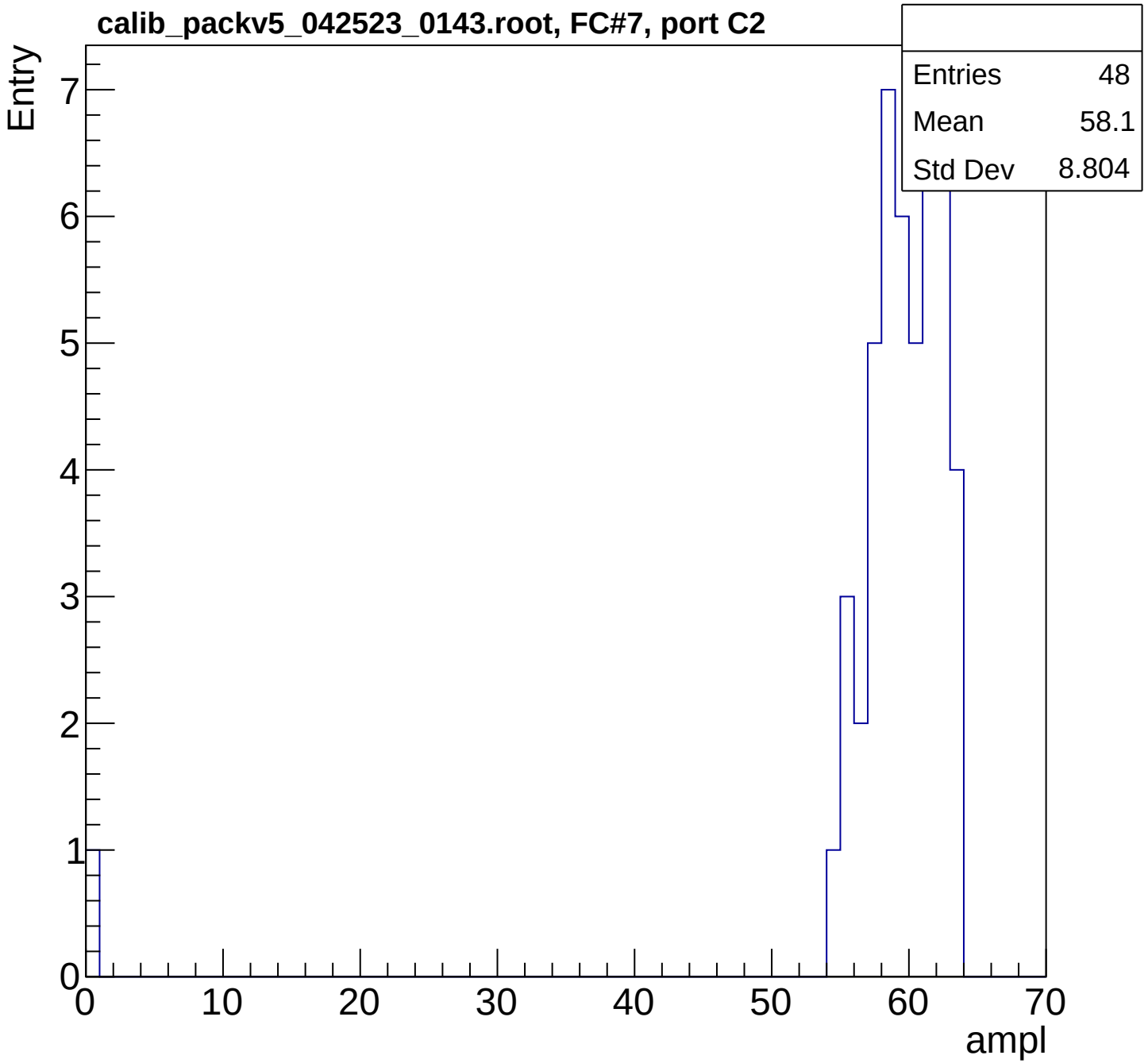
B1L103S, U11-ch14, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 48
Mean 58.1
Std Dev 8.804
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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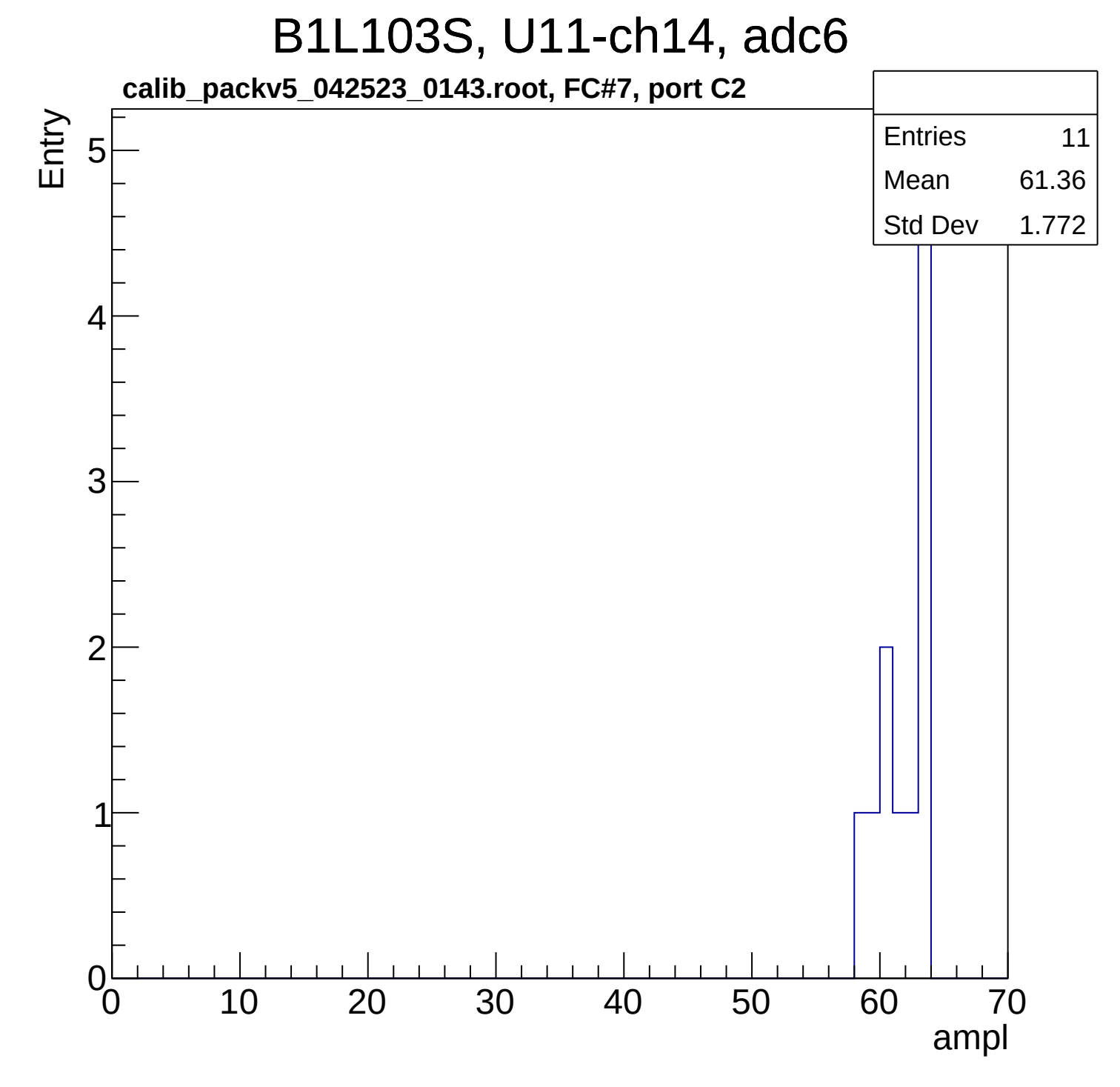
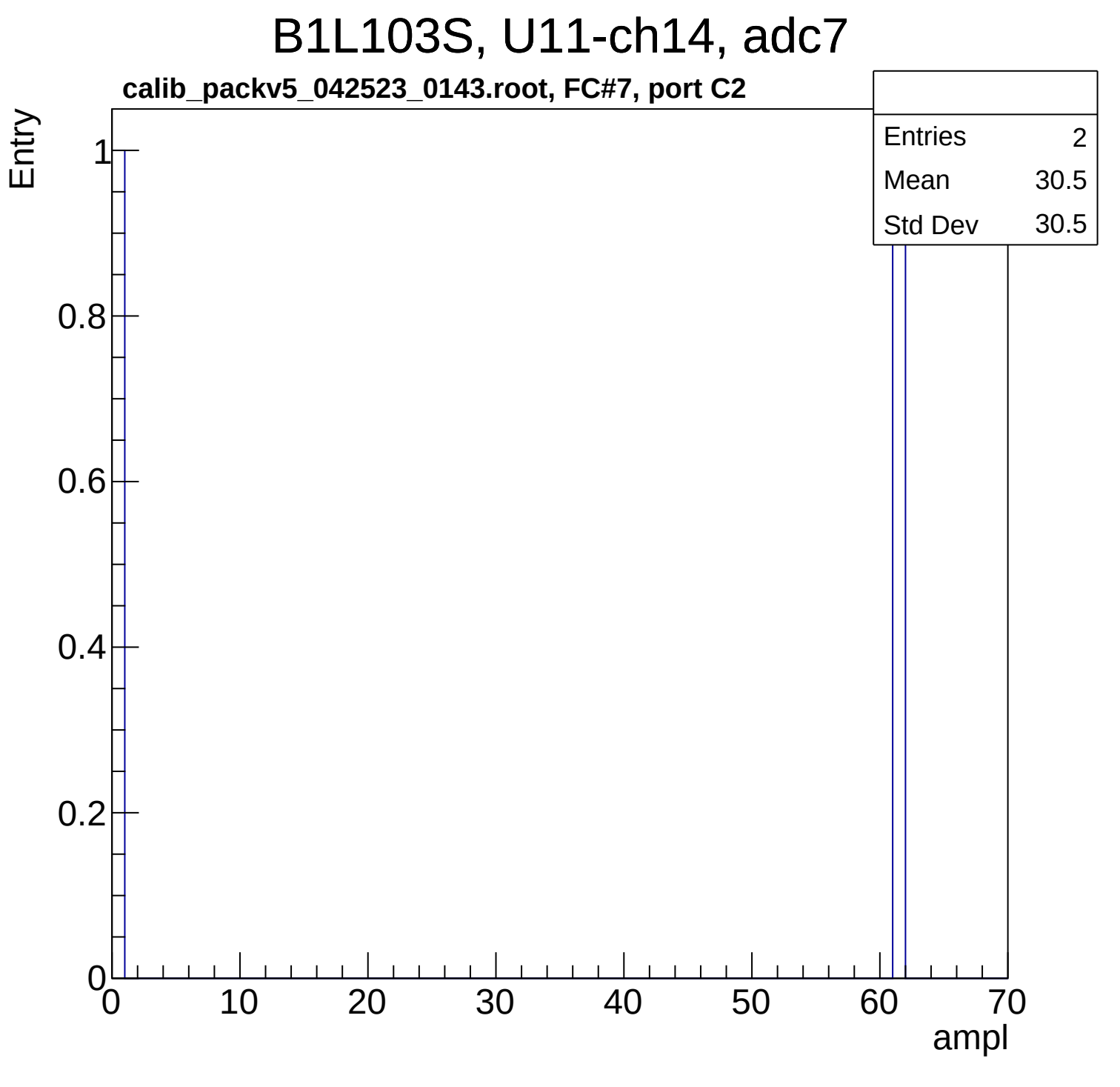

B1L103S, U11-ch14, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 11
Mean 61.36
Std Dev 1.772
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch14, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 30.5
Std Dev 30.5
Entry
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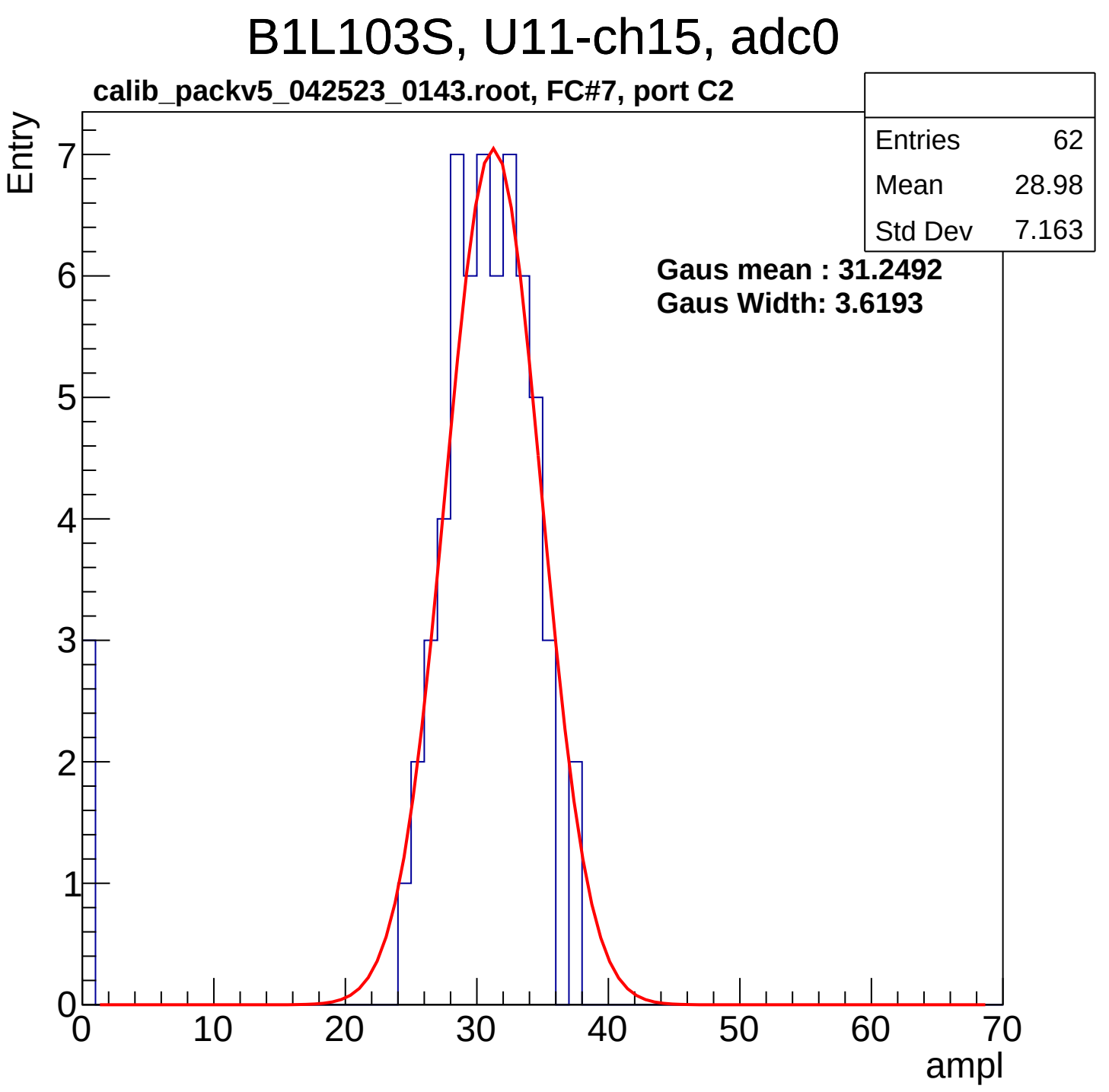
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch15, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 28.98
Std Dev 7.163
Gaus mean : 31.2492
Gaus Width: 3.6193
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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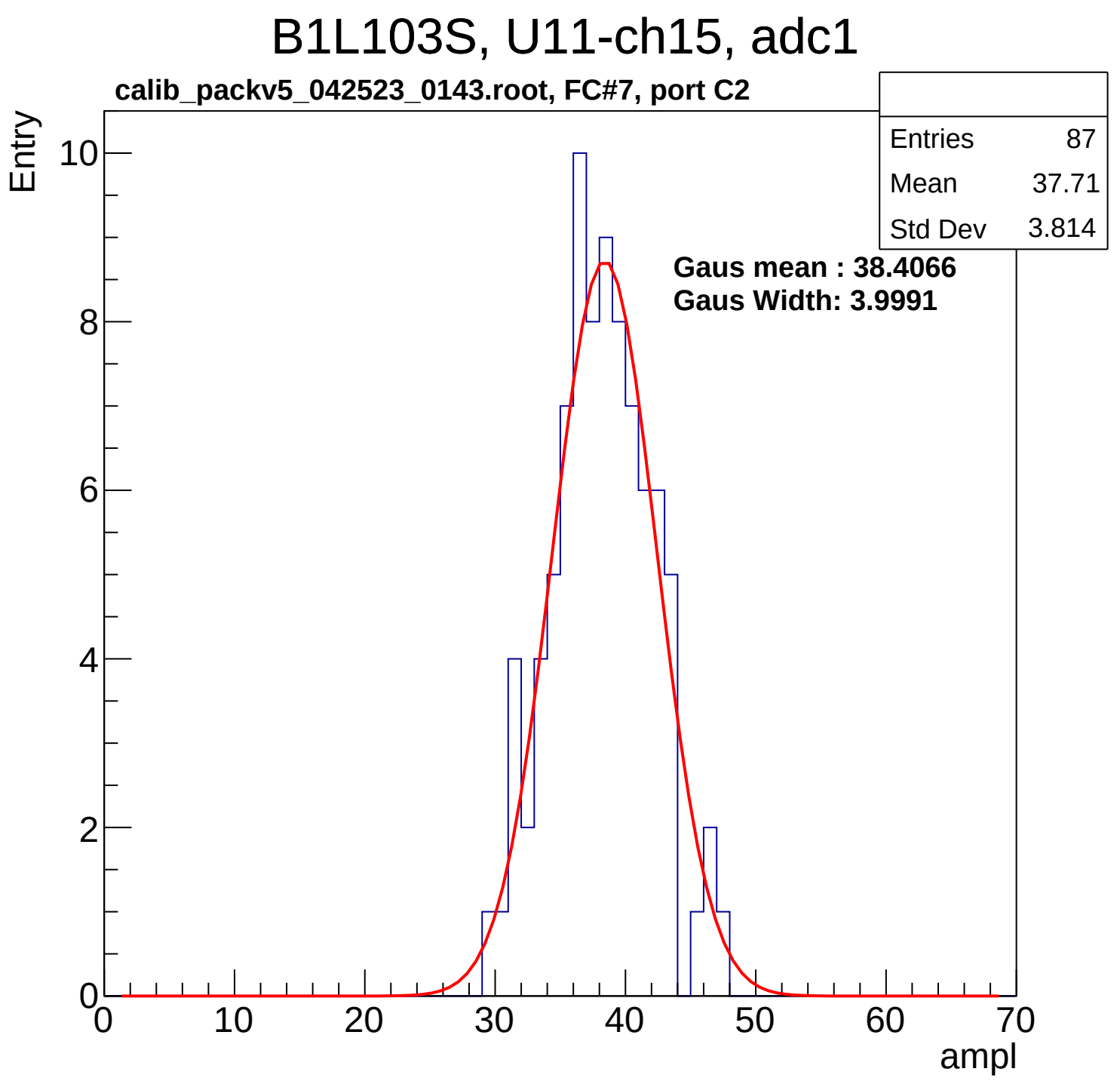
B1L103S, U11-ch15, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 87
Mean 37.71
Std Dev 3.814
Gaus mean : 38.4066
Gaus Width: 3.9991
Entry
ampl
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2
4
6
8
10
0
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20
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40
50
60
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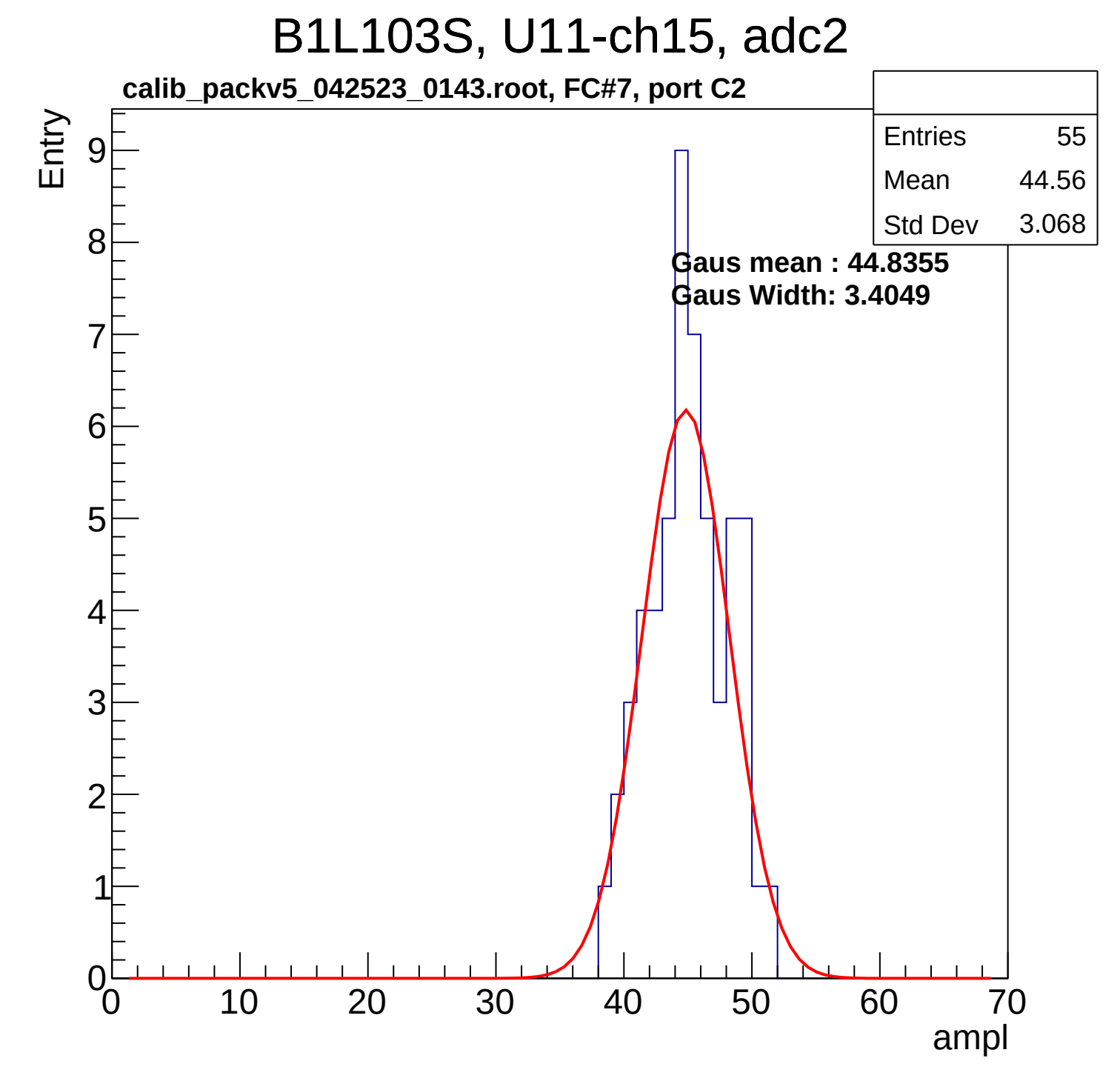
B1L103S, U11-ch15, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 44.56
Std Dev 3.068
Gaus mean : 44.8355
Gaus Width: 3.4049
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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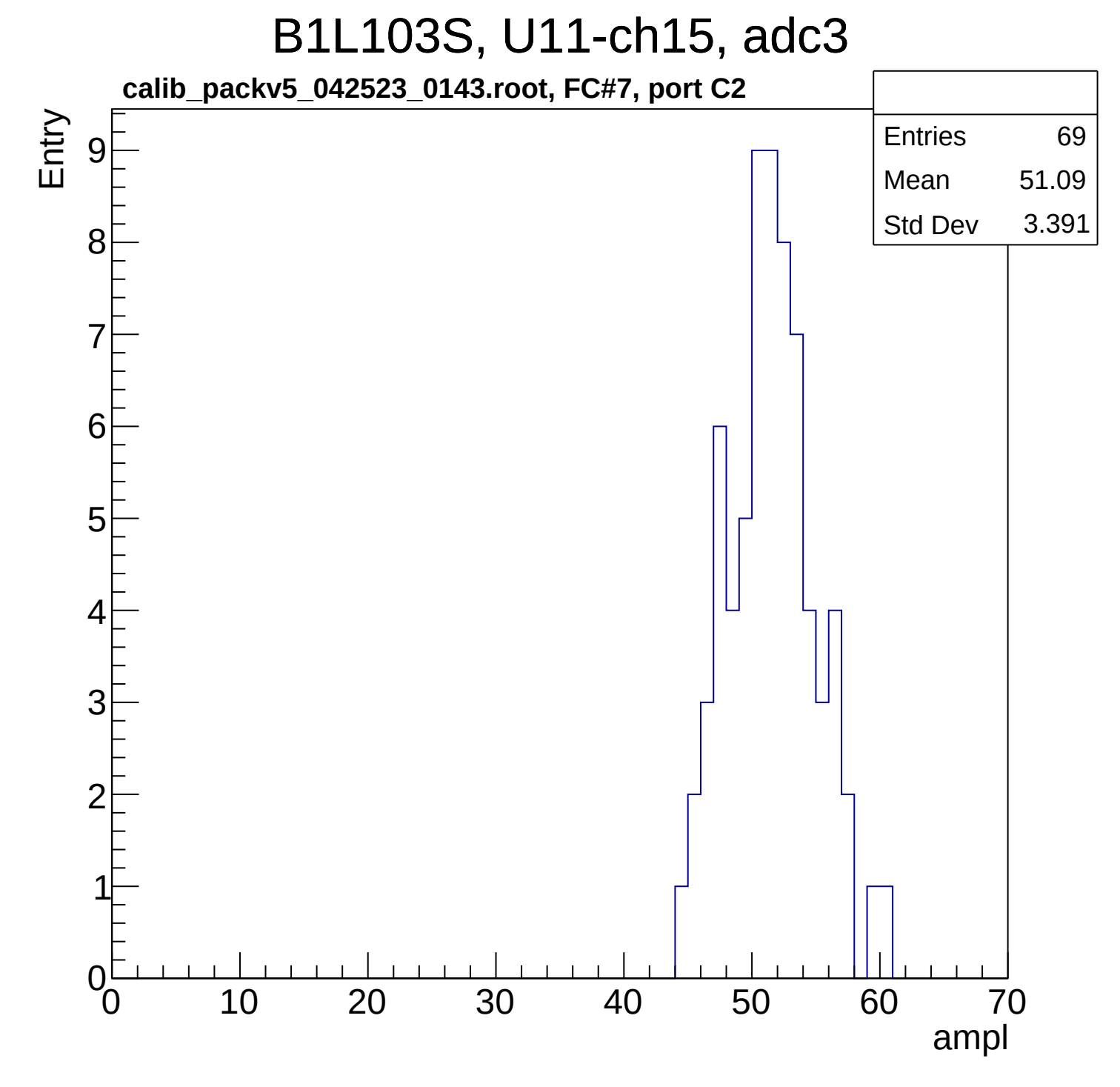
B1L103S, U11-ch15, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 51.09
Std Dev 3.391
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
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60
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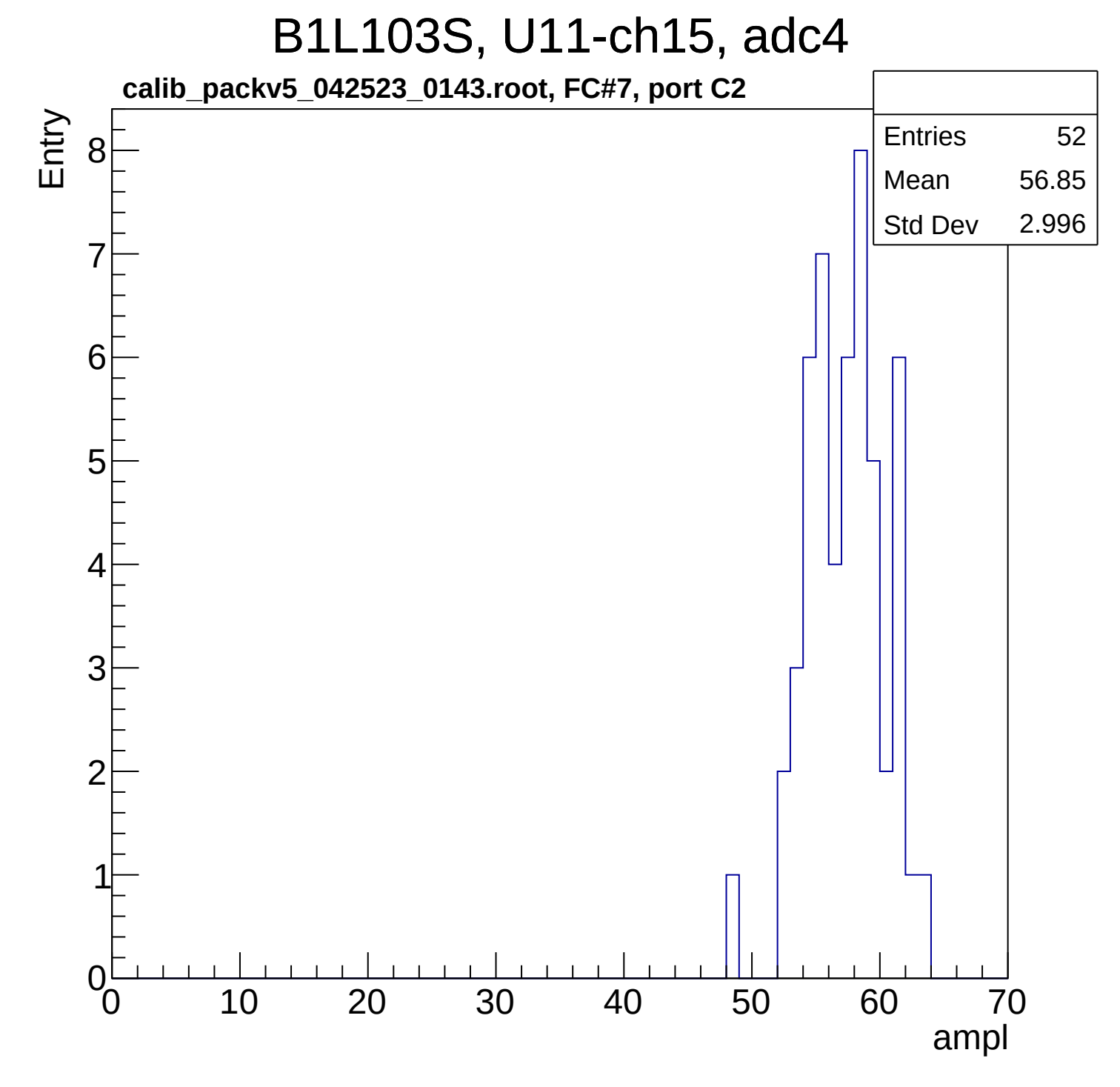
B1L103S, U11-ch15, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 52
Mean 56.85
Std Dev 2.996
Entry
ampl
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1
2
3
4
5
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7
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0
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60
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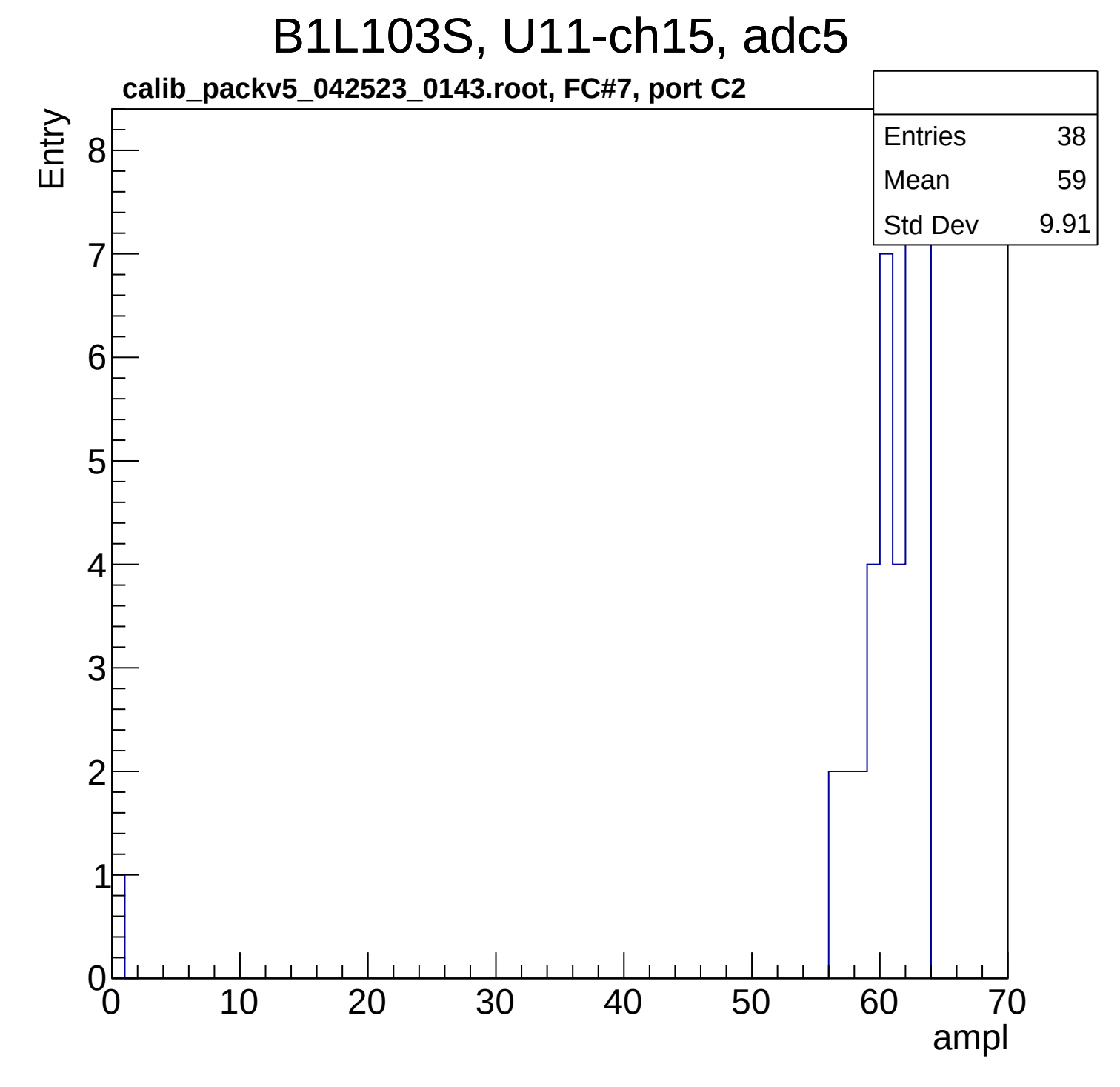
B1L103S, U11-ch15, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 38
Mean 59
Std Dev 9.91
Entry
0
1
2
3
4
5
6
7
8
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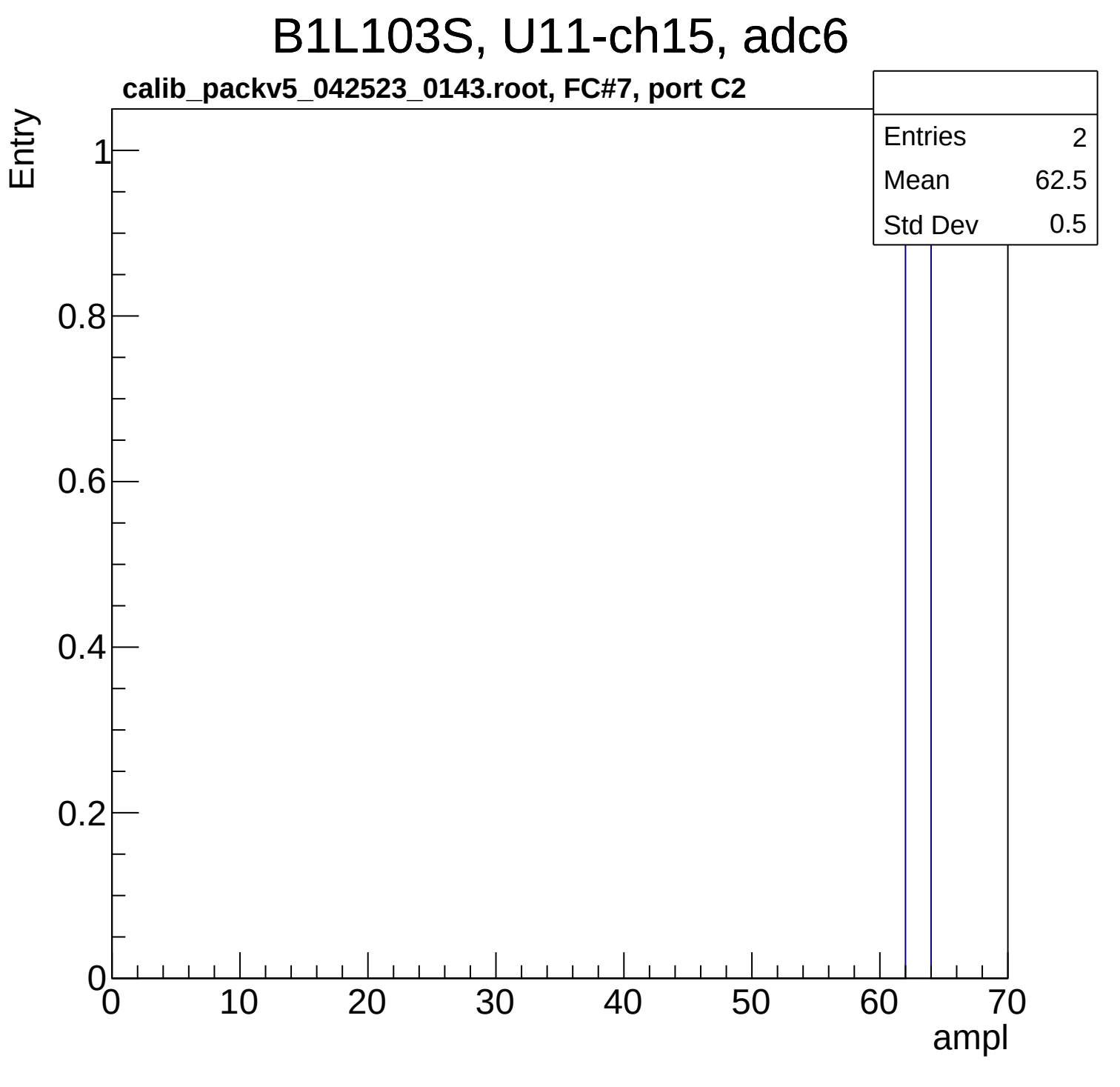
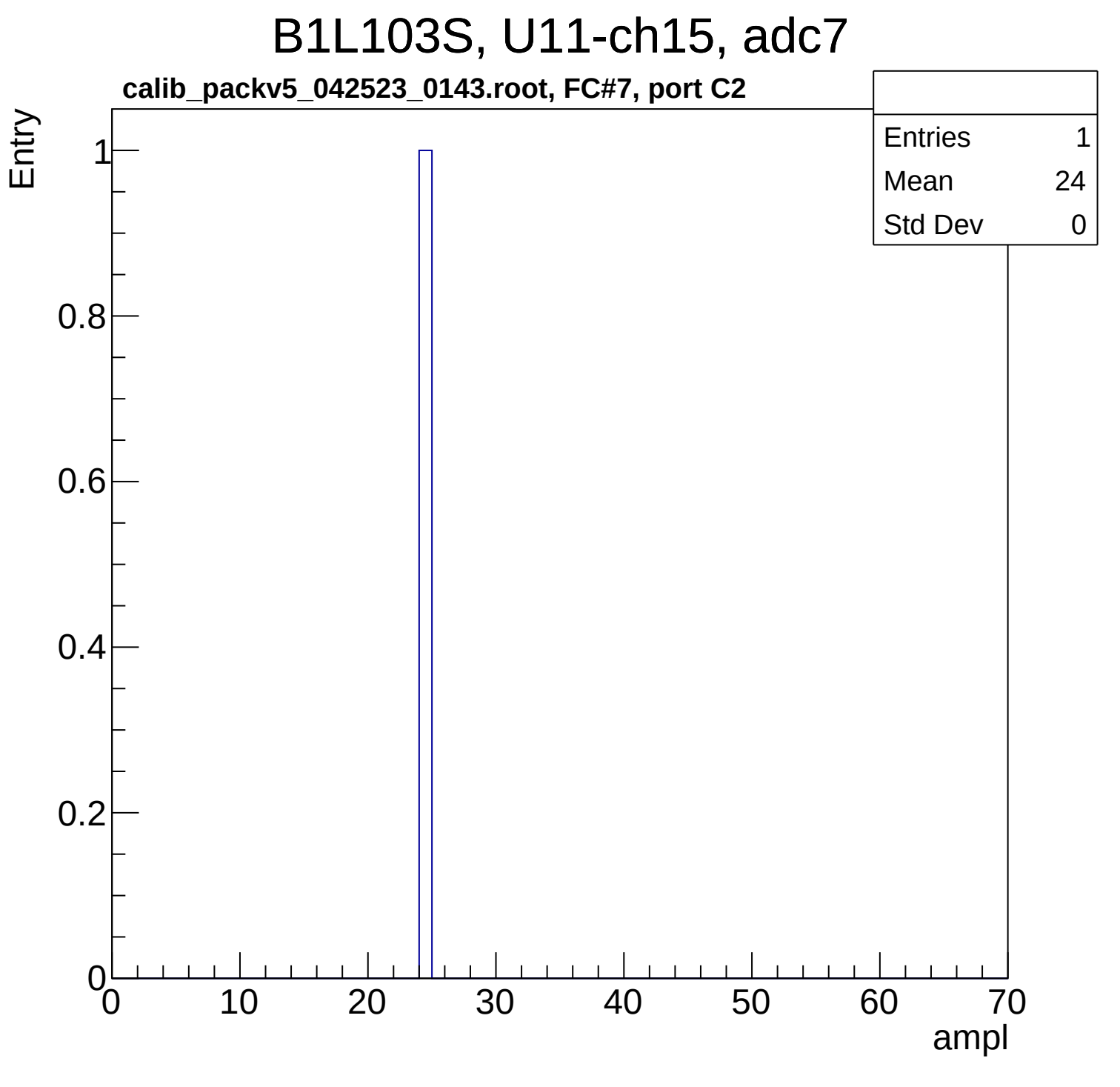
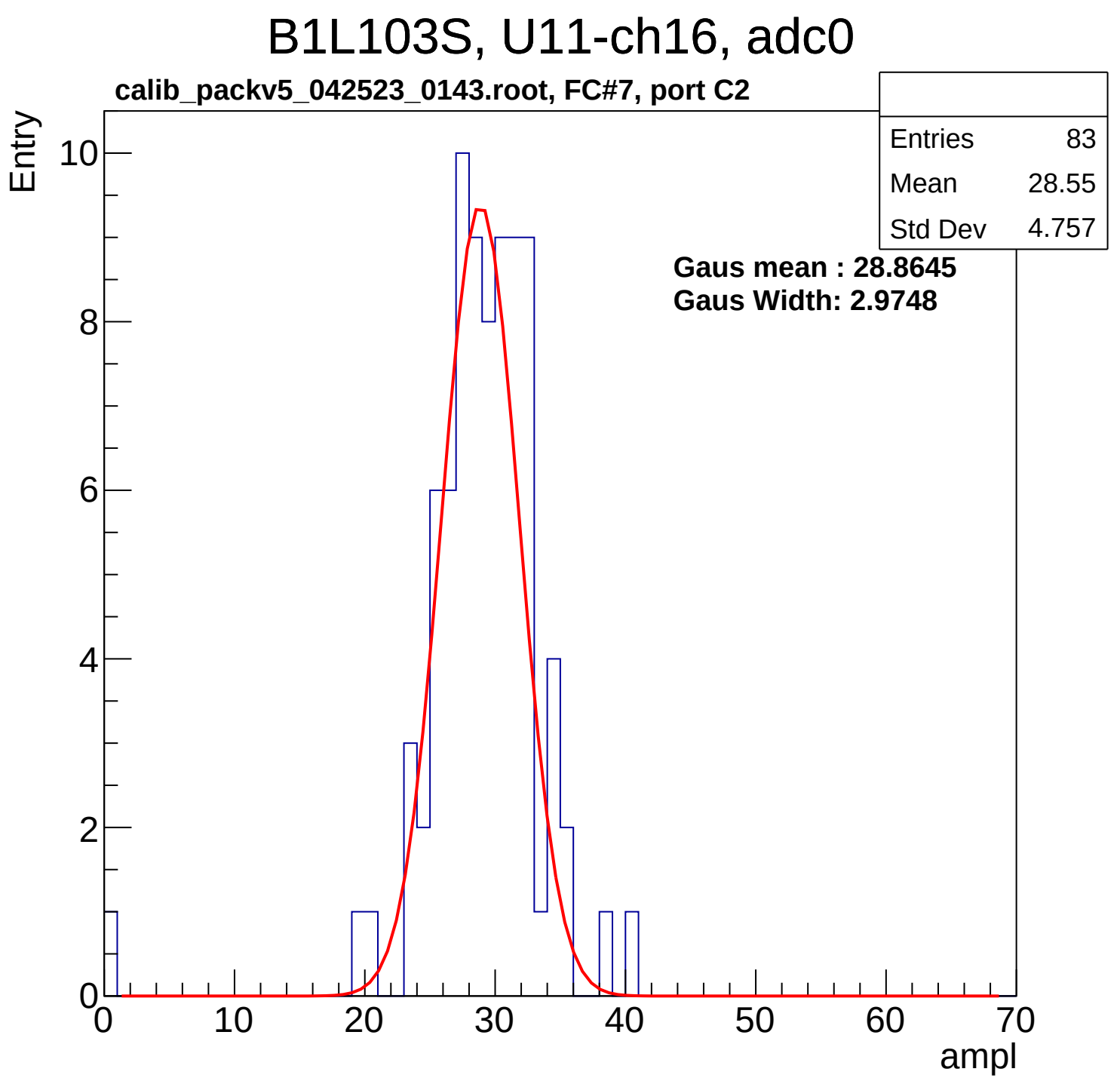
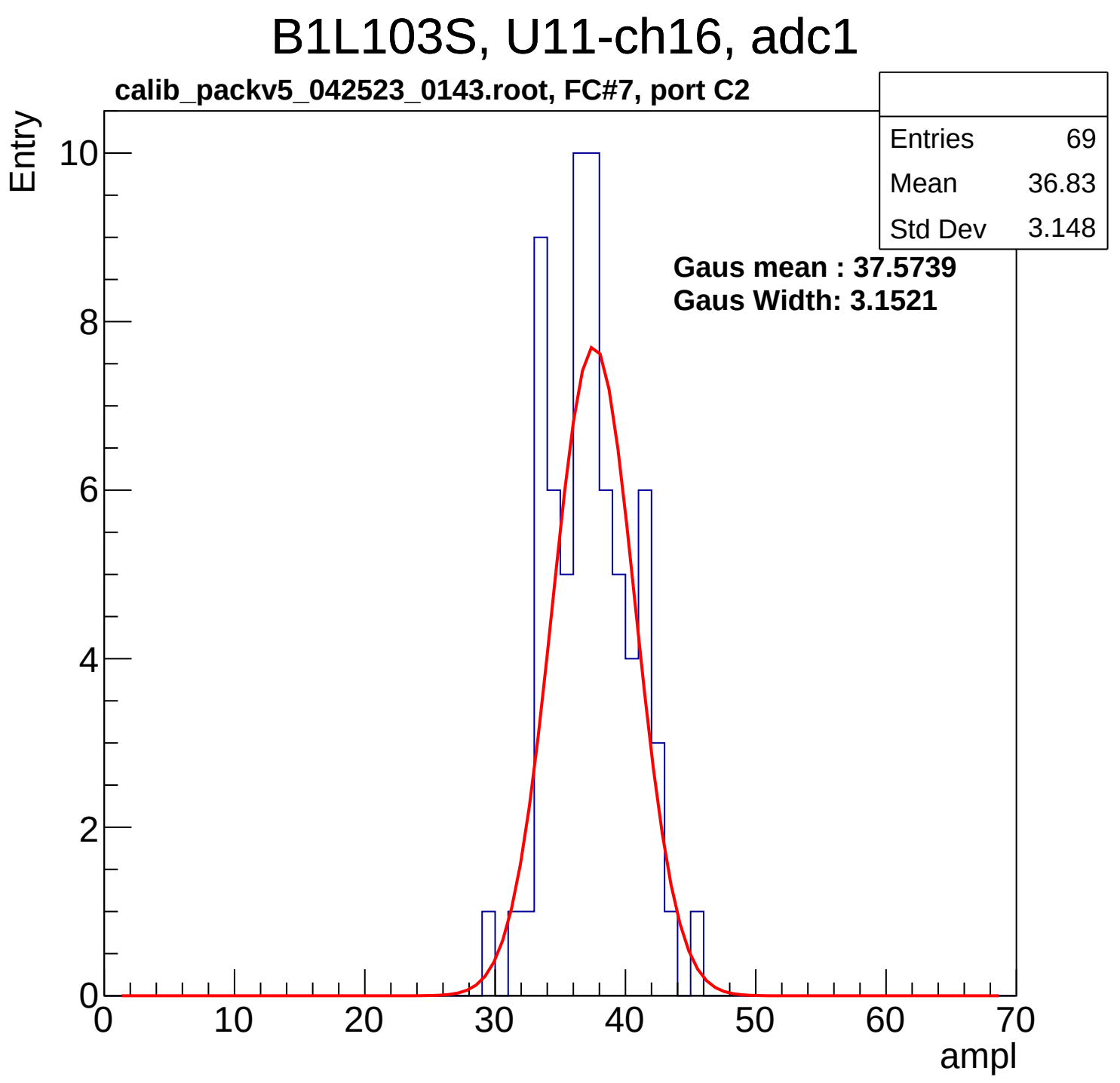
50
60
70
ampl


B1L103S, U11-ch15, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch15, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch16, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 83
Mean 28.55
Std Dev 4.757
Gaus mean : 28.8645
Gaus Width: 2.9748
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch16, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 36.83
Std Dev 3.148
Gaus mean : 37.5739
Gaus Width: 3.1521
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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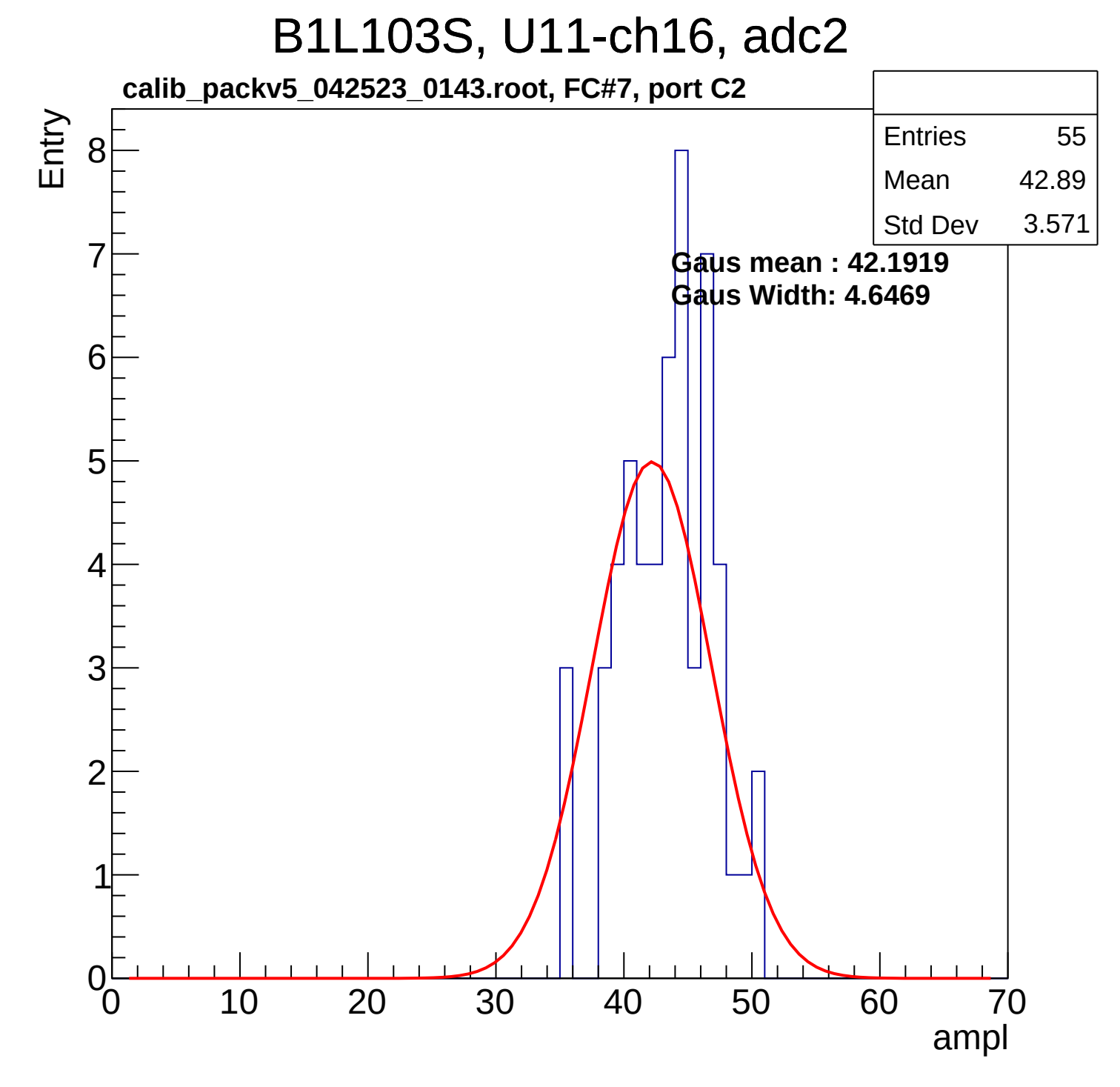
B1L103S, U11-ch16, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 42.89
Std Dev 3.571
Gaus mean : 42.1919
Gaus Width: 4.6469
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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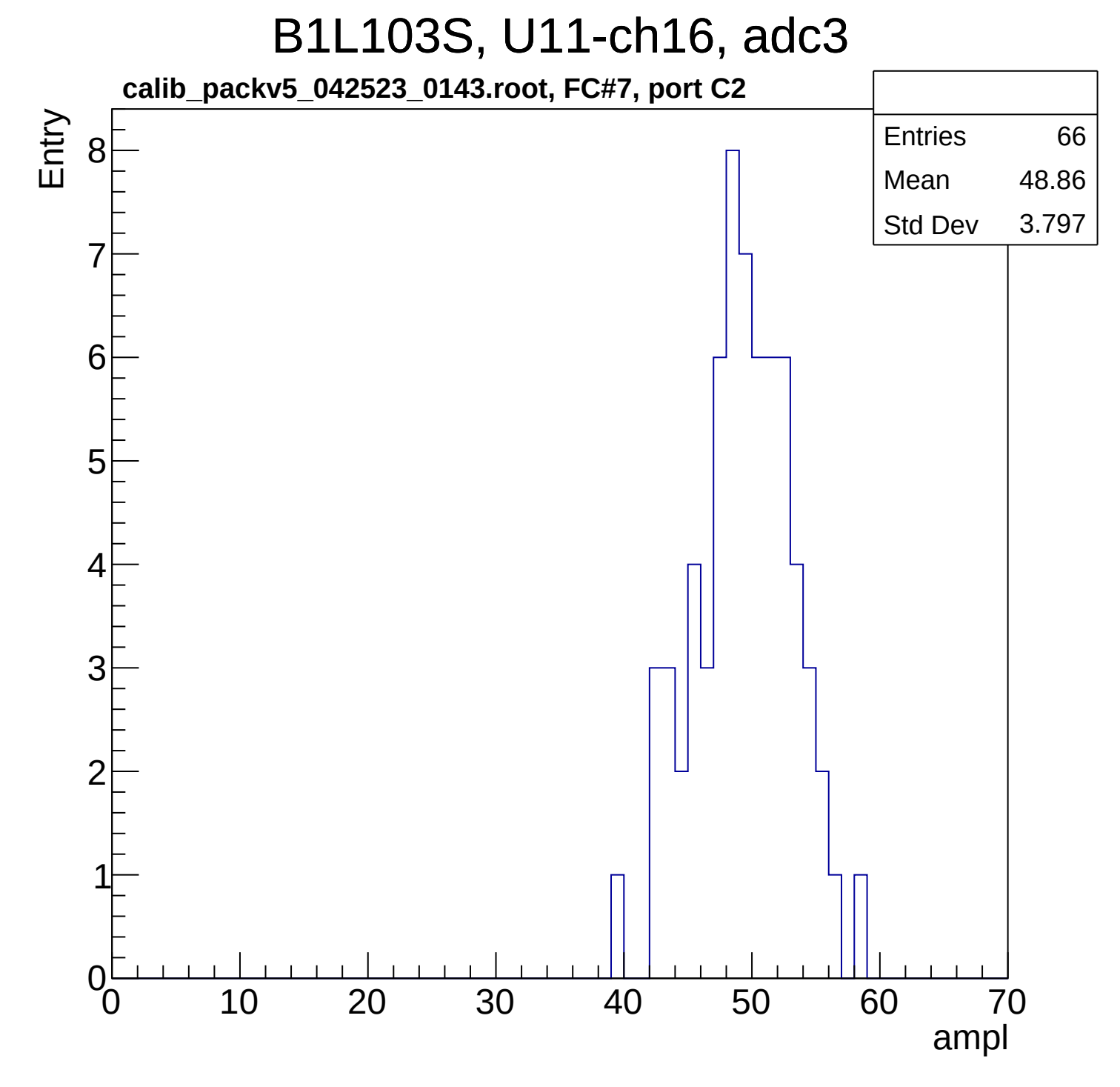
B1L103S, U11-ch16, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 48.86
Std Dev 3.797
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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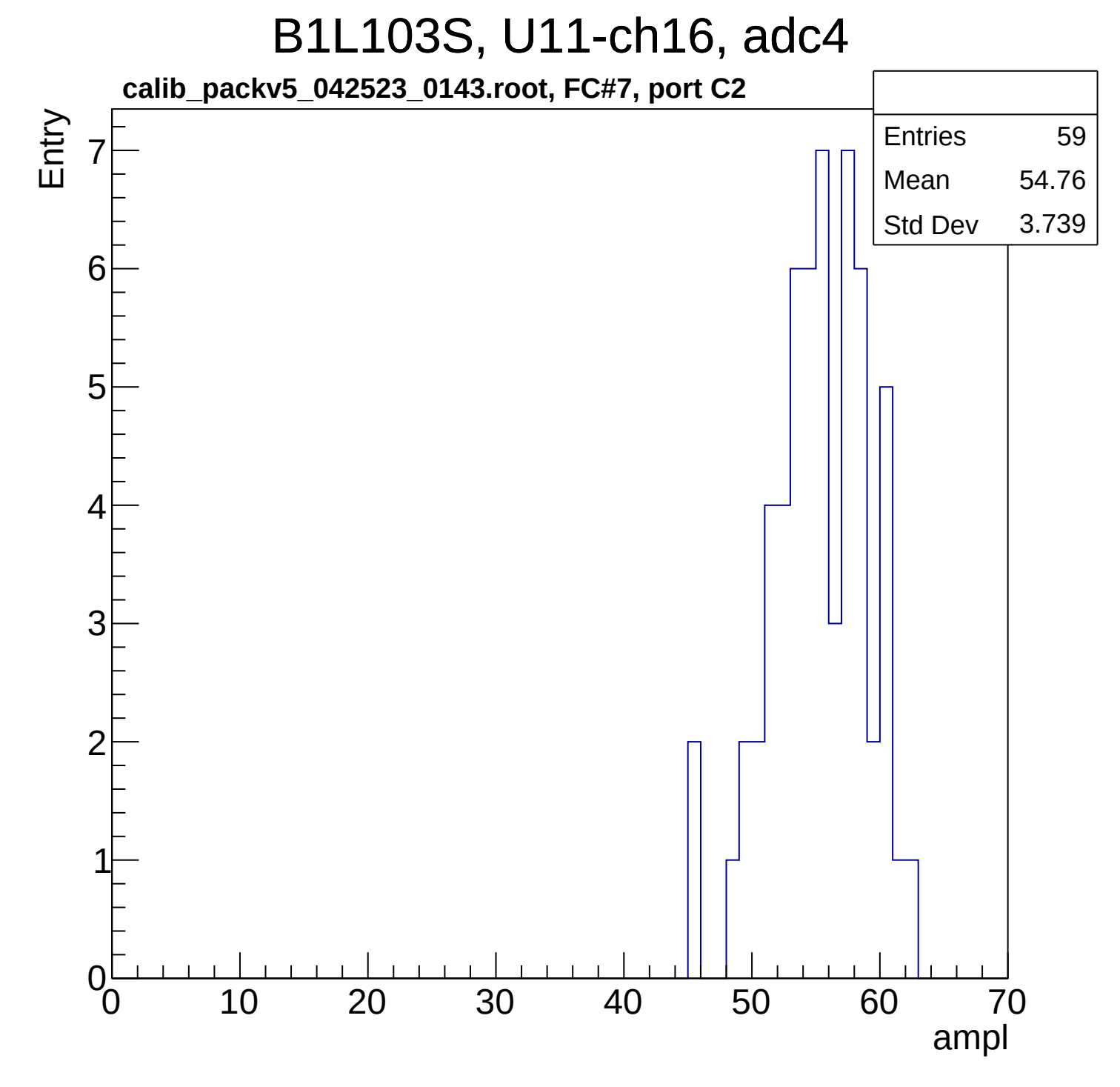
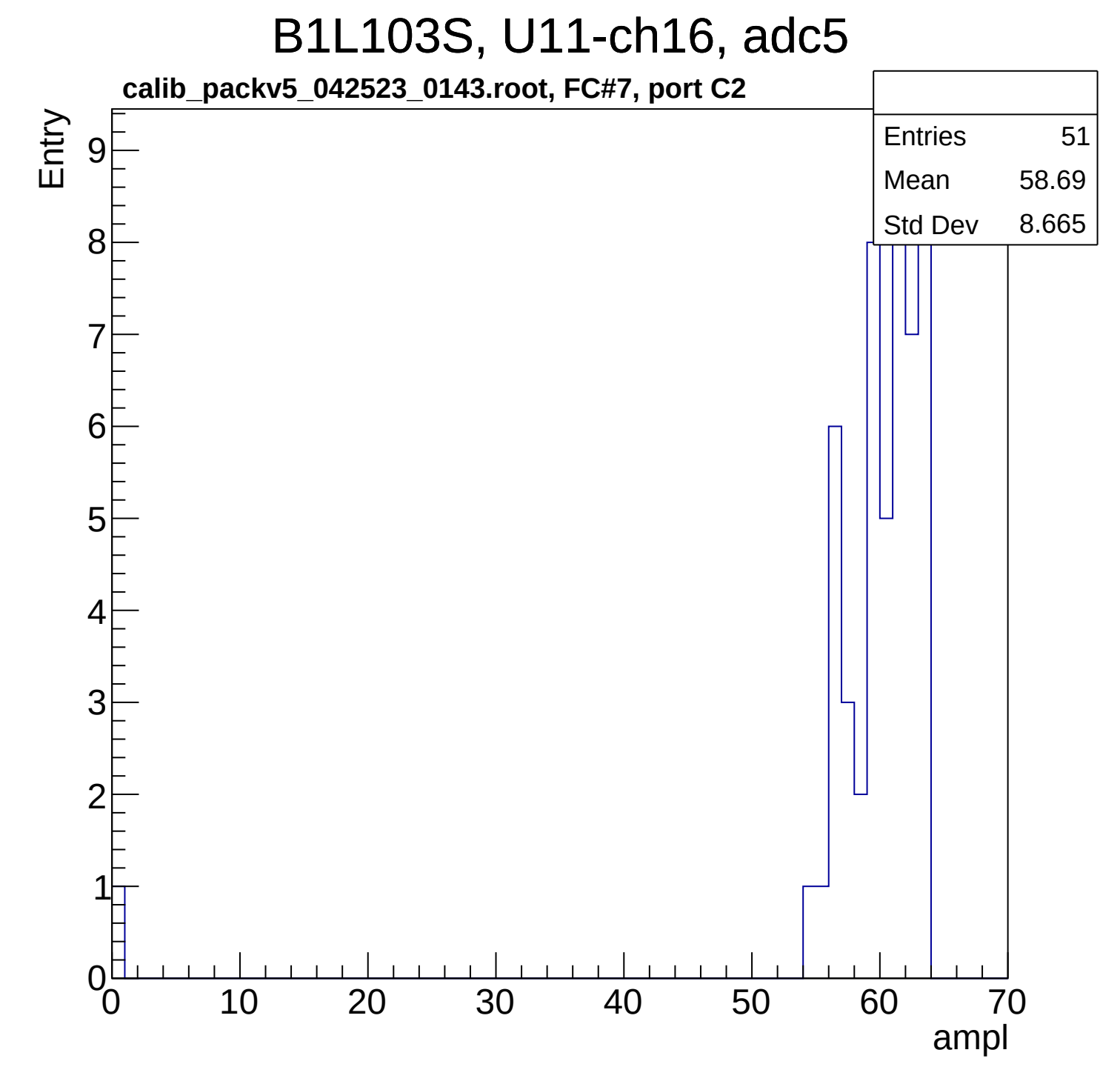
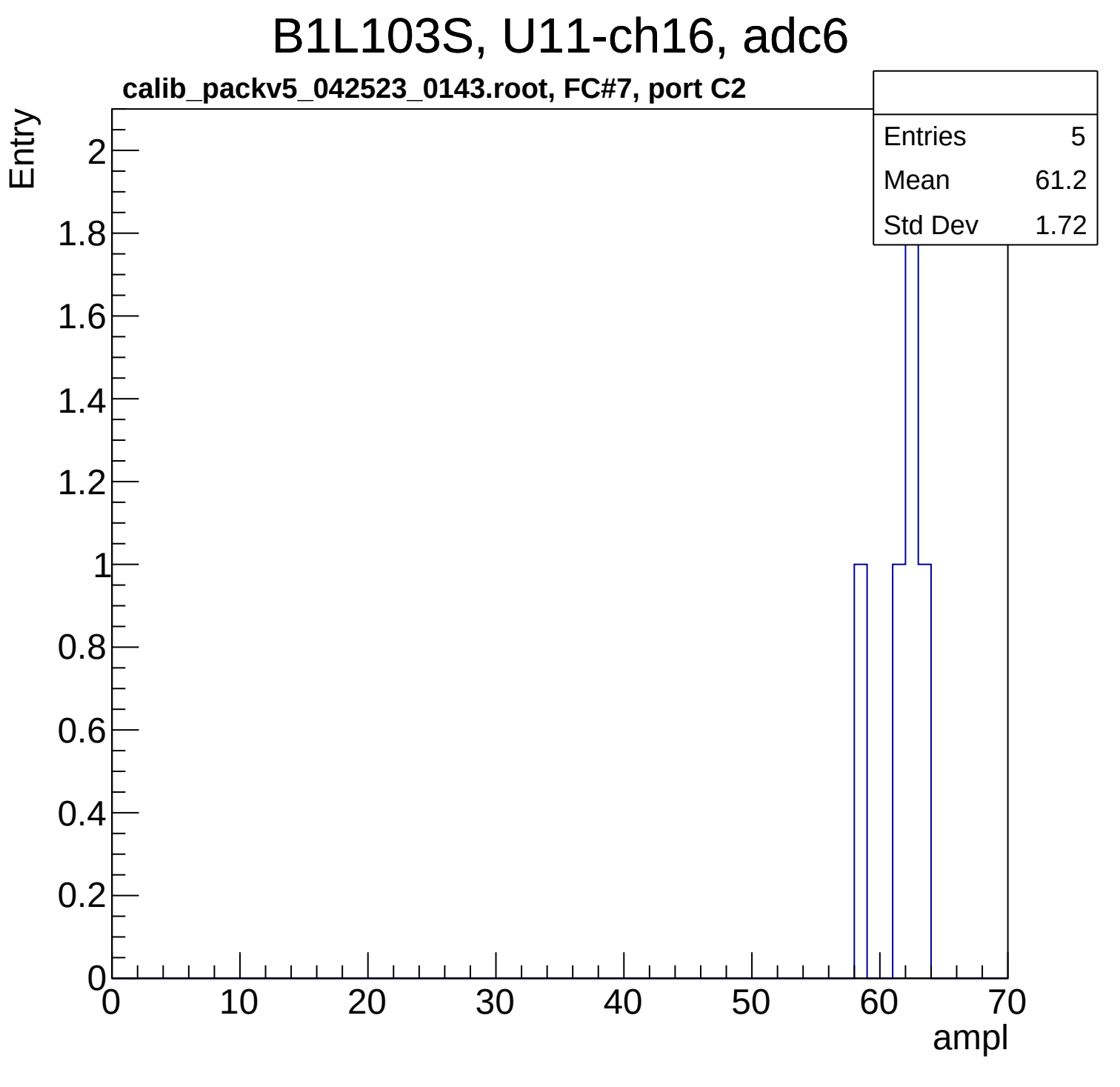
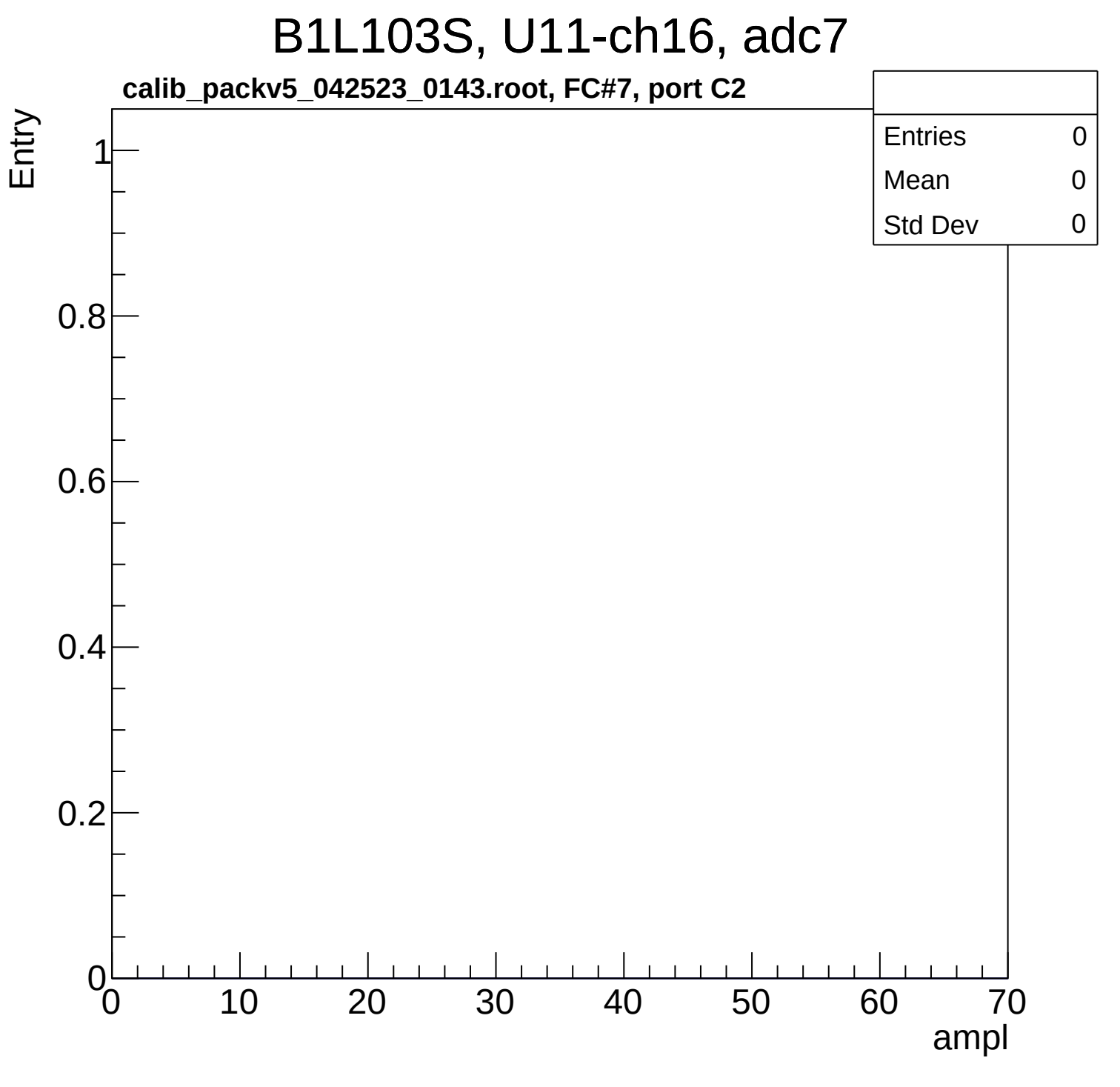
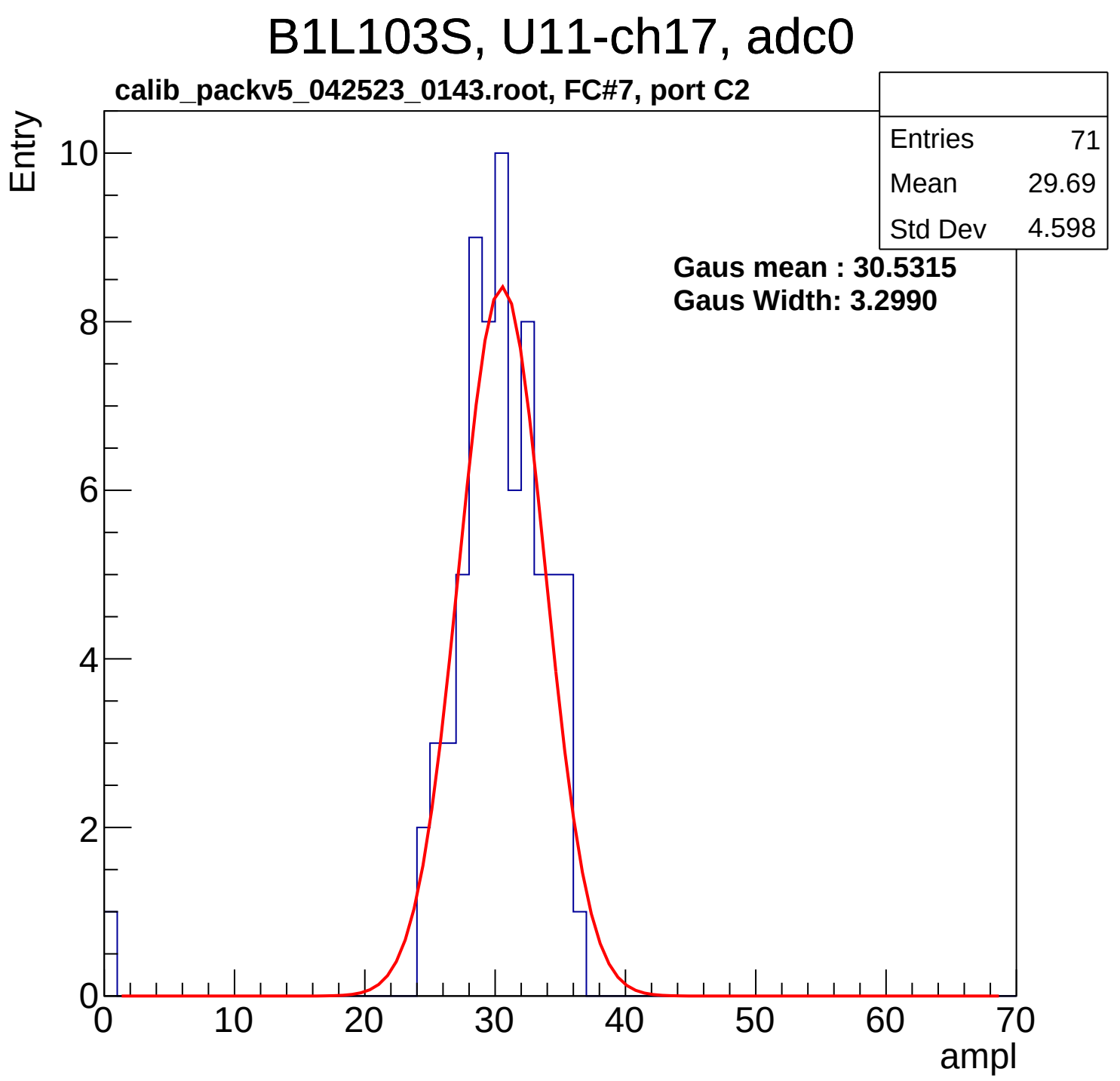
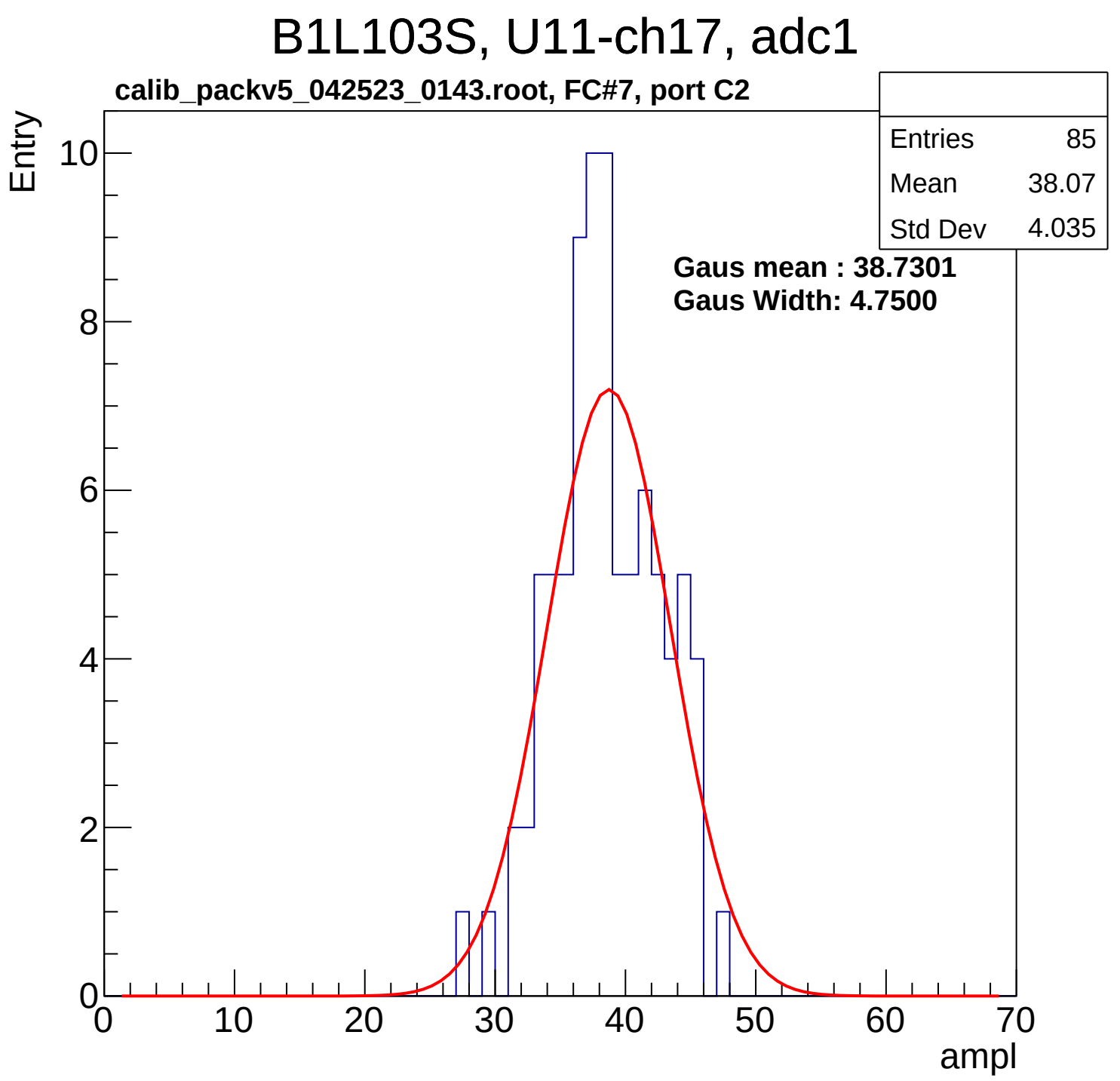

B1L103S, U11-ch16, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 54.76
Std Dev 3.739
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

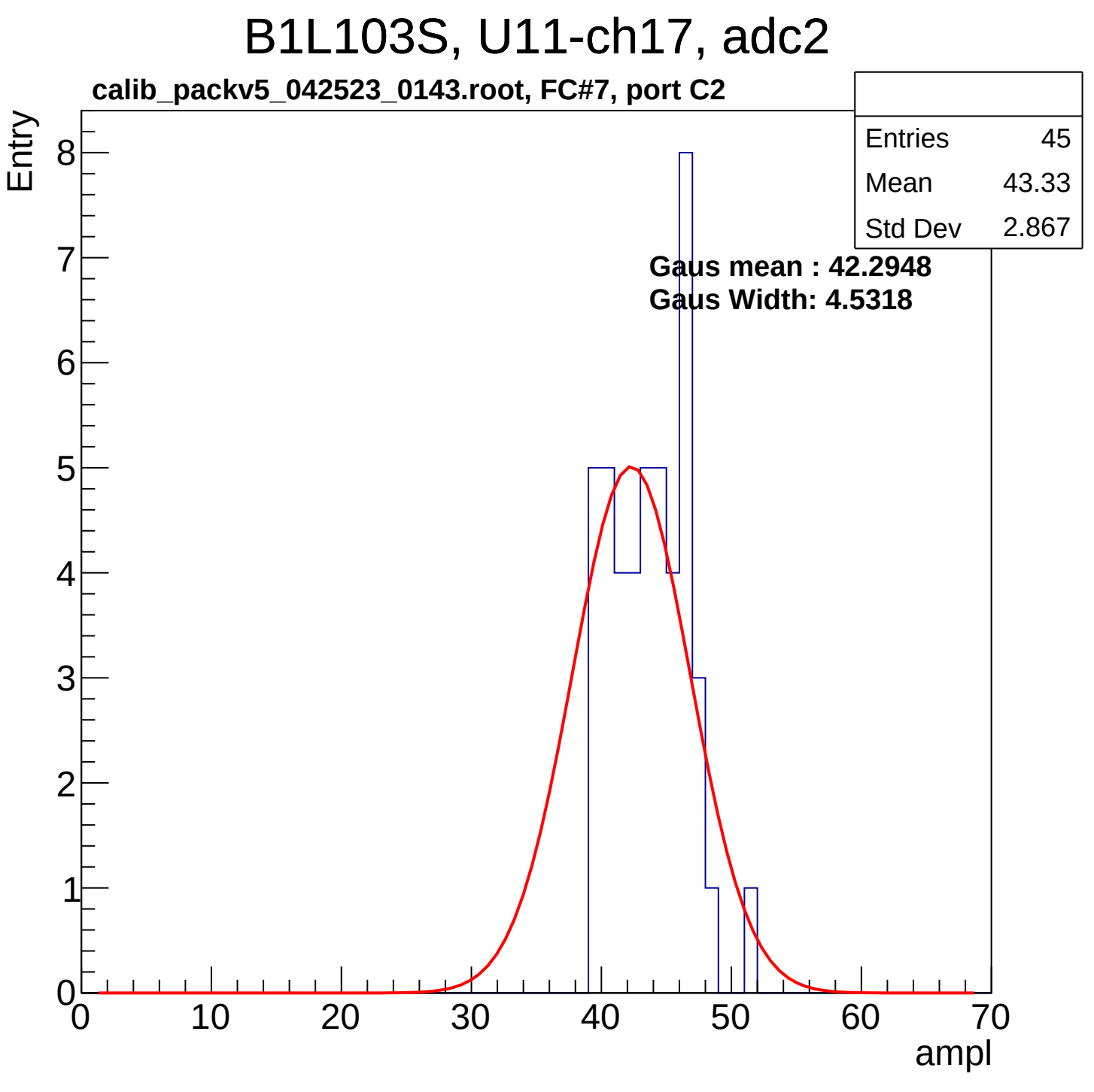

B1L103S, U11-ch16, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 58.69
Std Dev 8.665
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

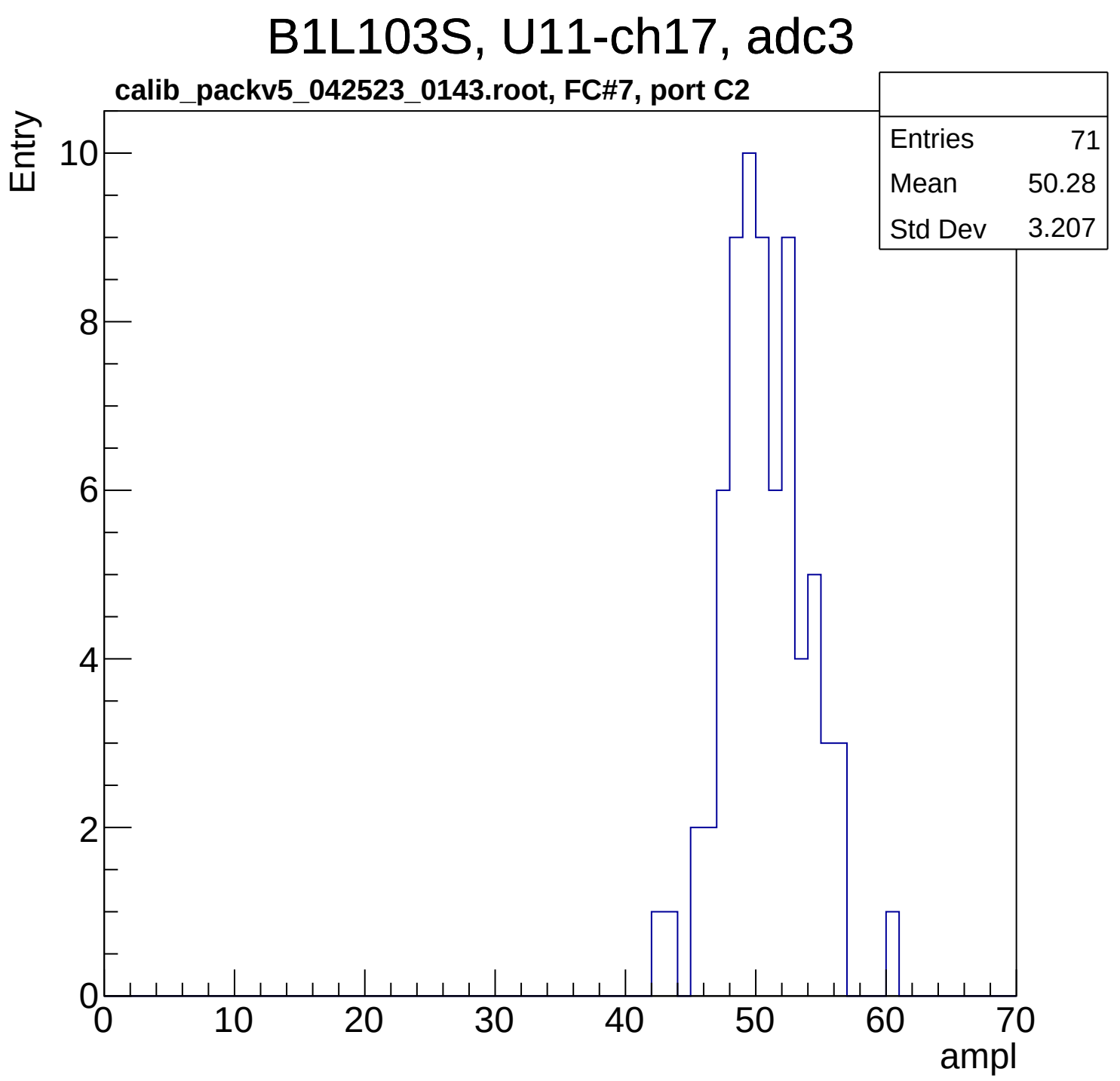

B1L103S, U11-ch16, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 61.2
Std Dev 1.72
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

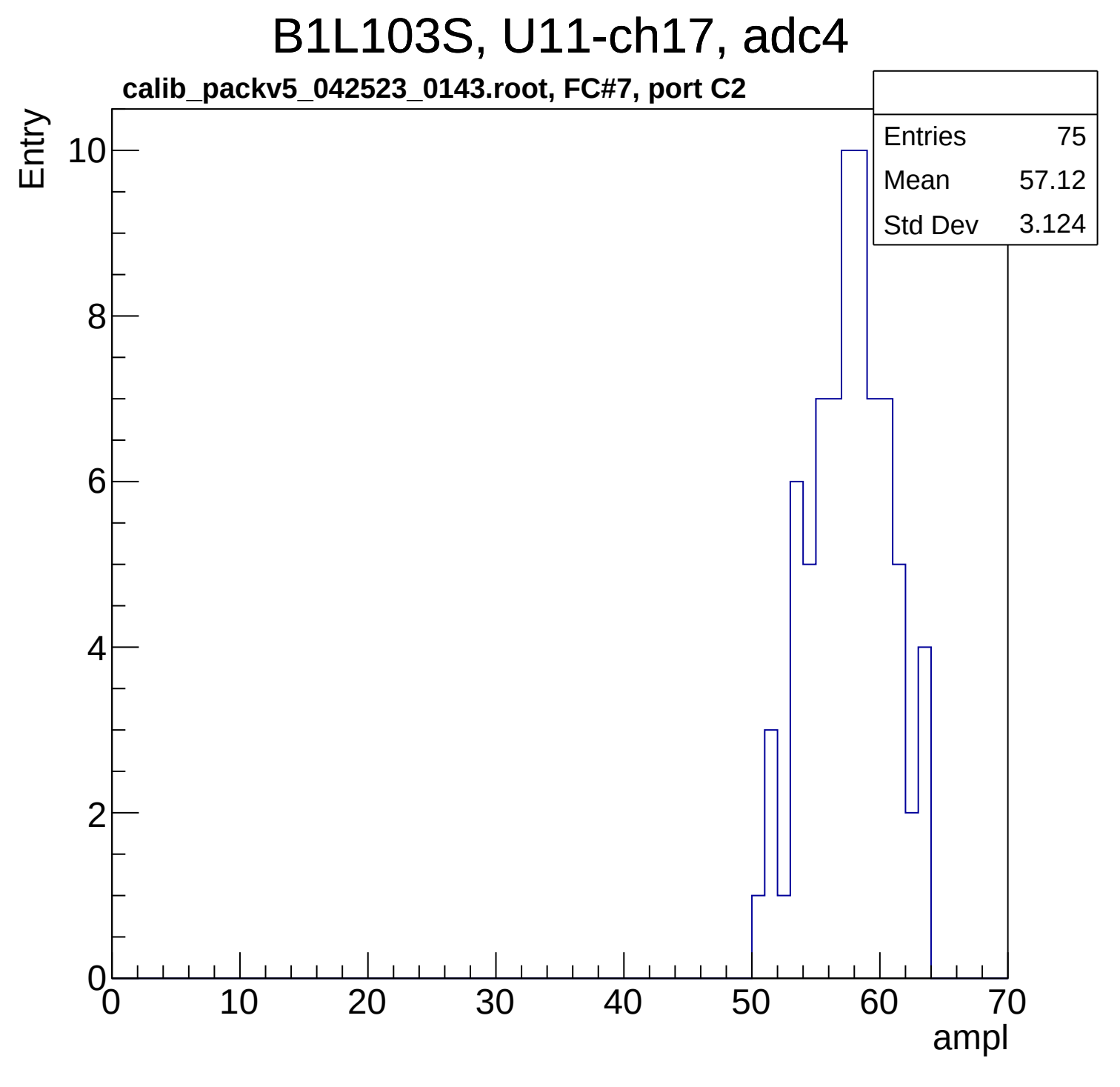

B1L103S, U11-ch16, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

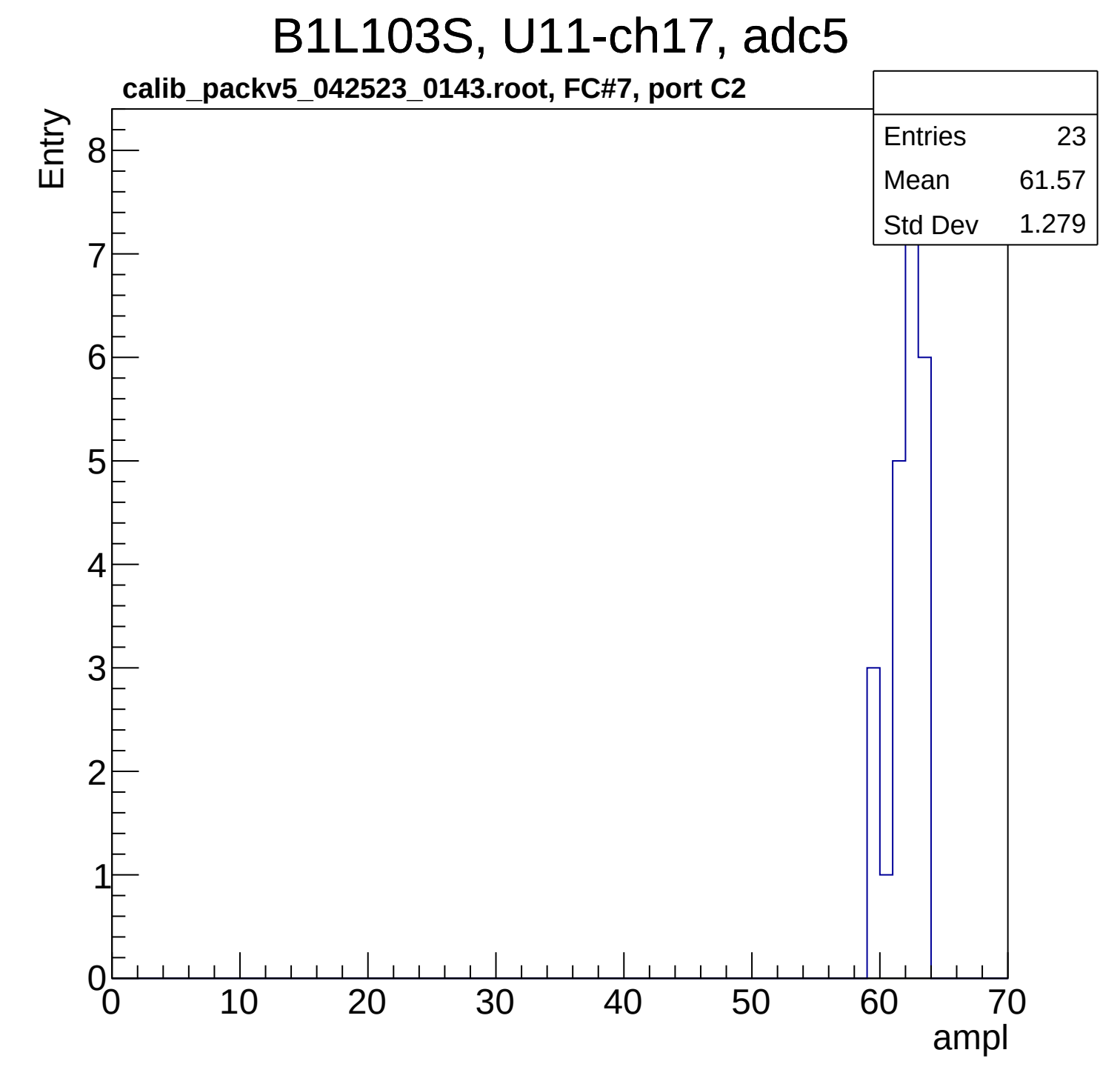

B1L103S, U11-ch17, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 29.69
Std Dev 4.598
Gaus mean : 30.5315
Gaus Width: 3.2990
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch17, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 85
Mean 38.07
Std Dev 4.035
Gaus mean : 38.7301
Gaus Width: 4.7500
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch17, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 45
Mean 43.33
Std Dev 2.867
Gaus mean : 42.2948
Gaus Width: 4.5318
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch17, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 50.28
Std Dev 3.207
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch17, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 75
Mean 57.12
Std Dev 3.124
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch17, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 23
Mean 61.57
Std Dev 1.279
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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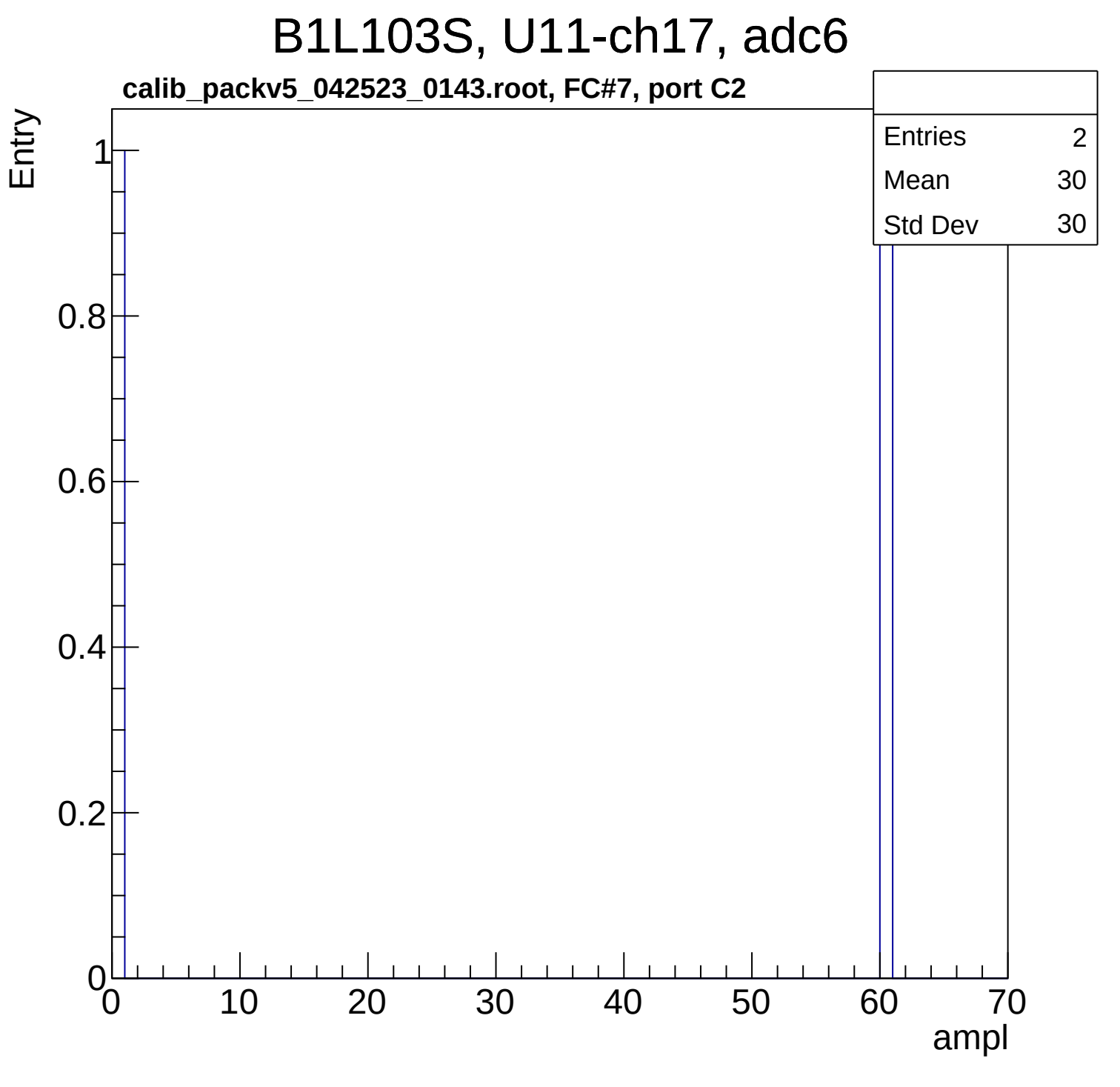
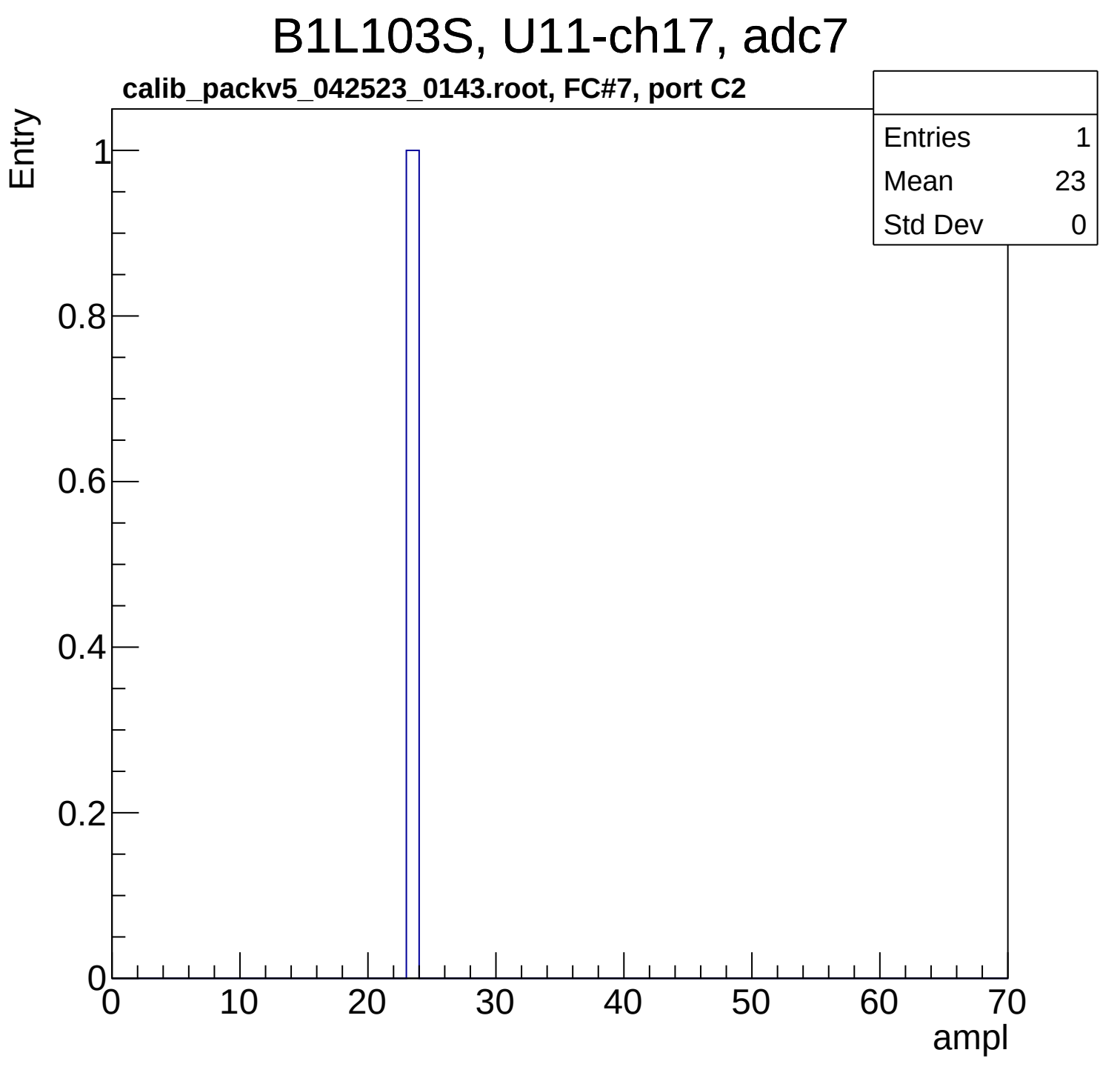

B1L103S, U11-ch17, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 30
Std Dev 30
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch17, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 23
Std Dev 0
Entry
1
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0.6
0.4
0.2
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10
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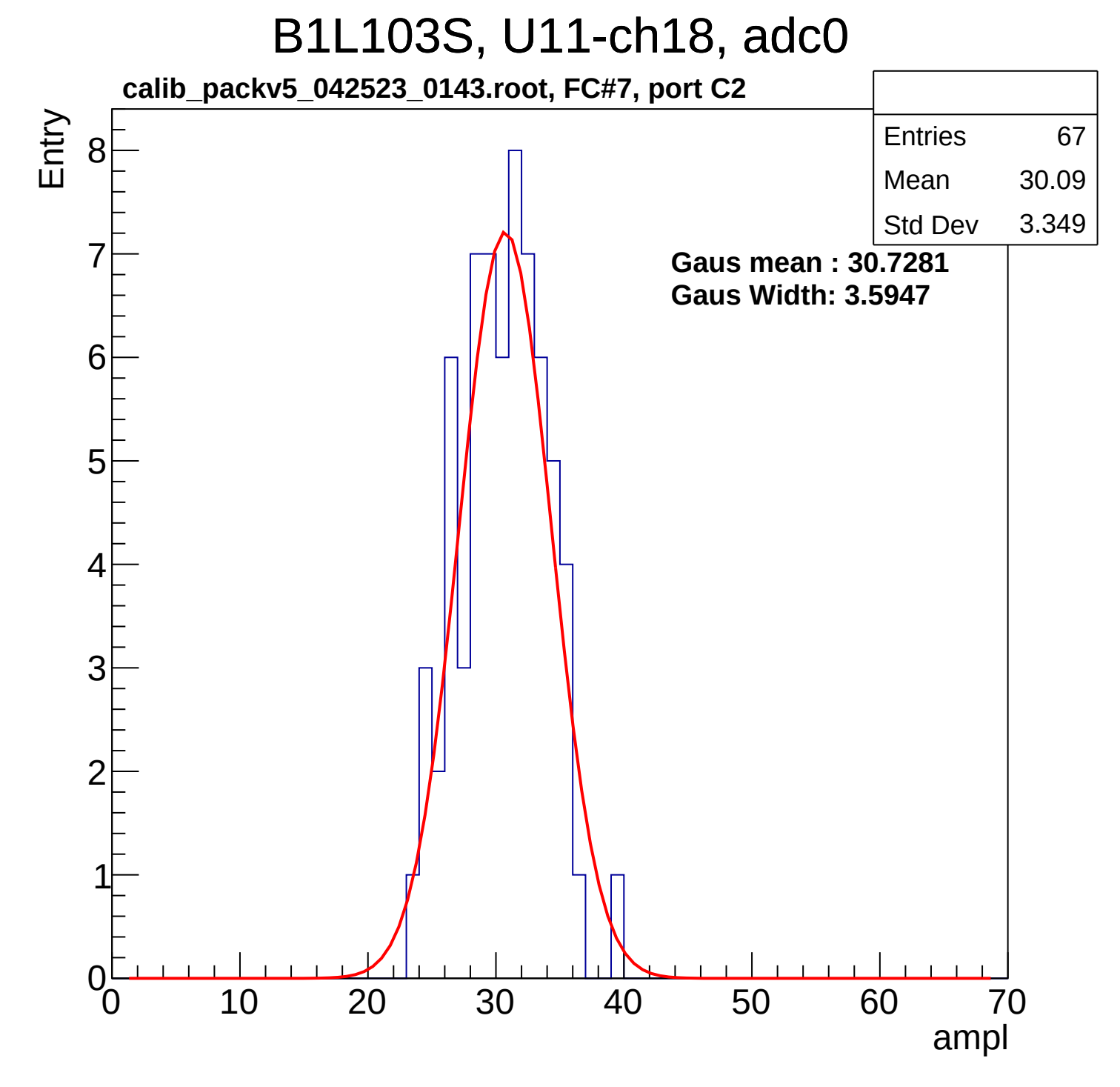
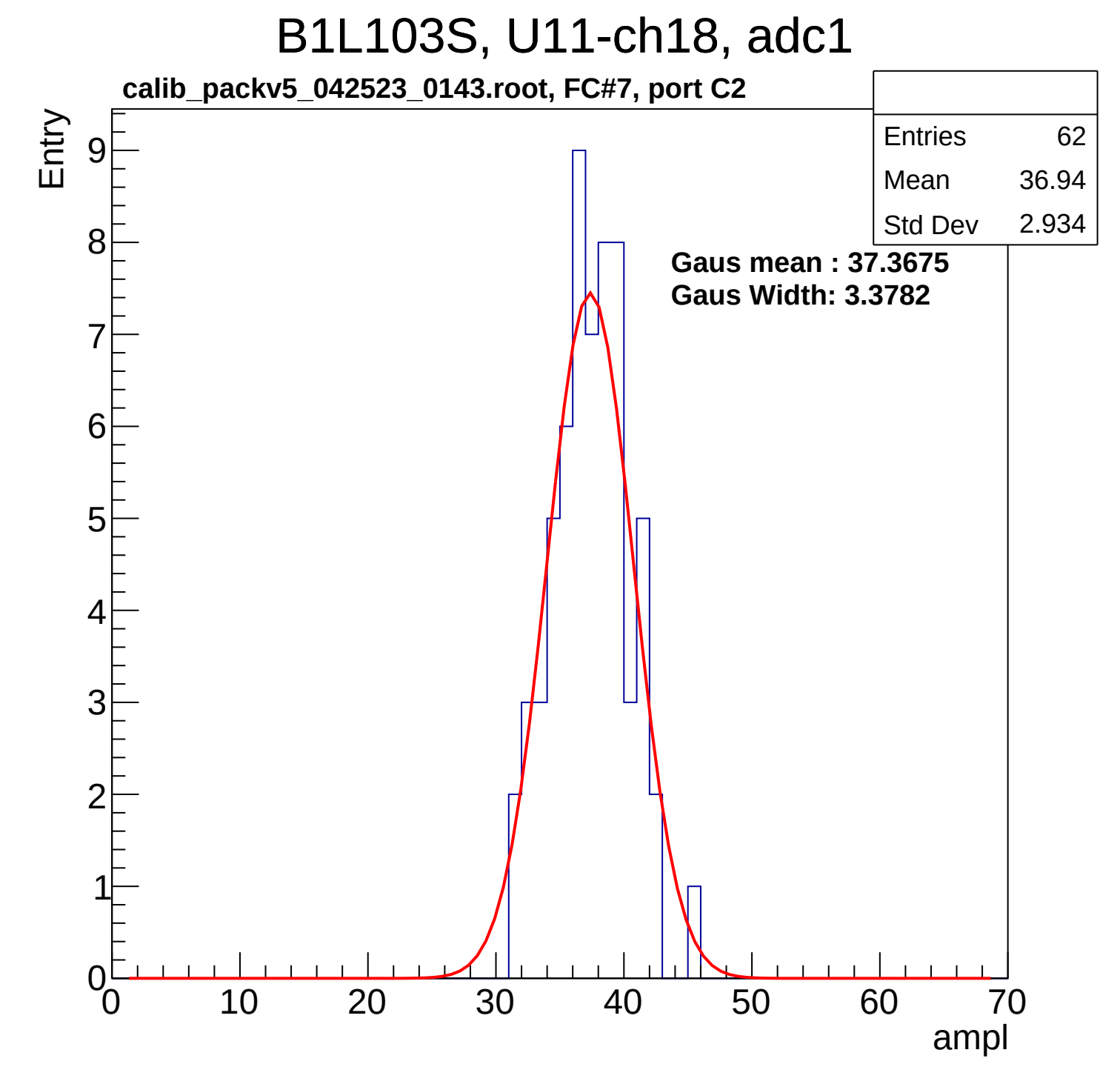
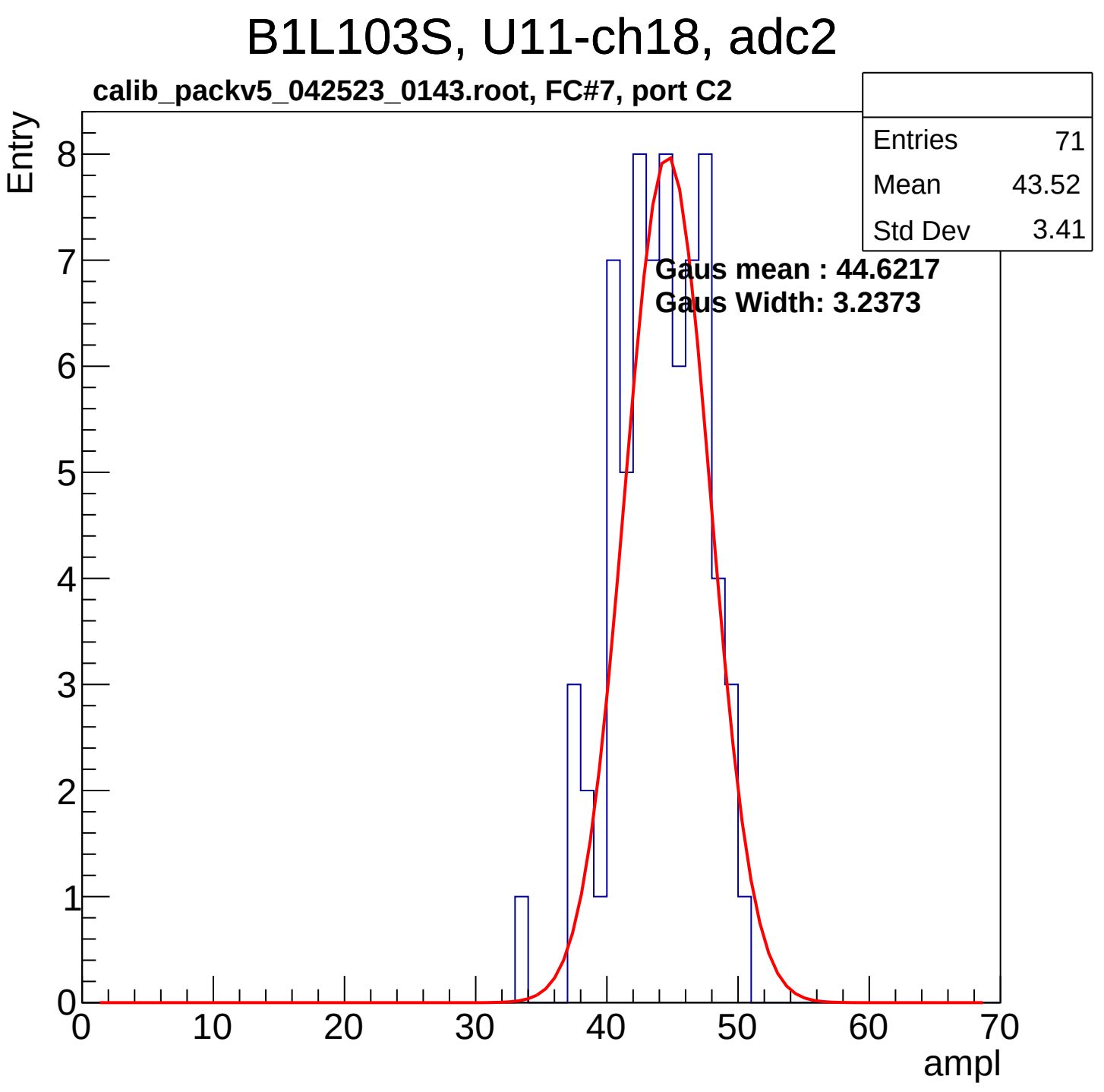
30
40
50
60
70
ampl


B1L103S, U11-ch18, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 30.09
Std Dev 3.349
Gaus mean : 30.7281
Gaus Width: 3.5947
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch18, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 36.94
Std Dev 2.934
Gaus mean : 37.3675
Gaus Width: 3.3782
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch18, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 43.52
Std Dev 3.41
Gaus mean : 44.6217
Gaus Width: 3.2373
Entry
ampl
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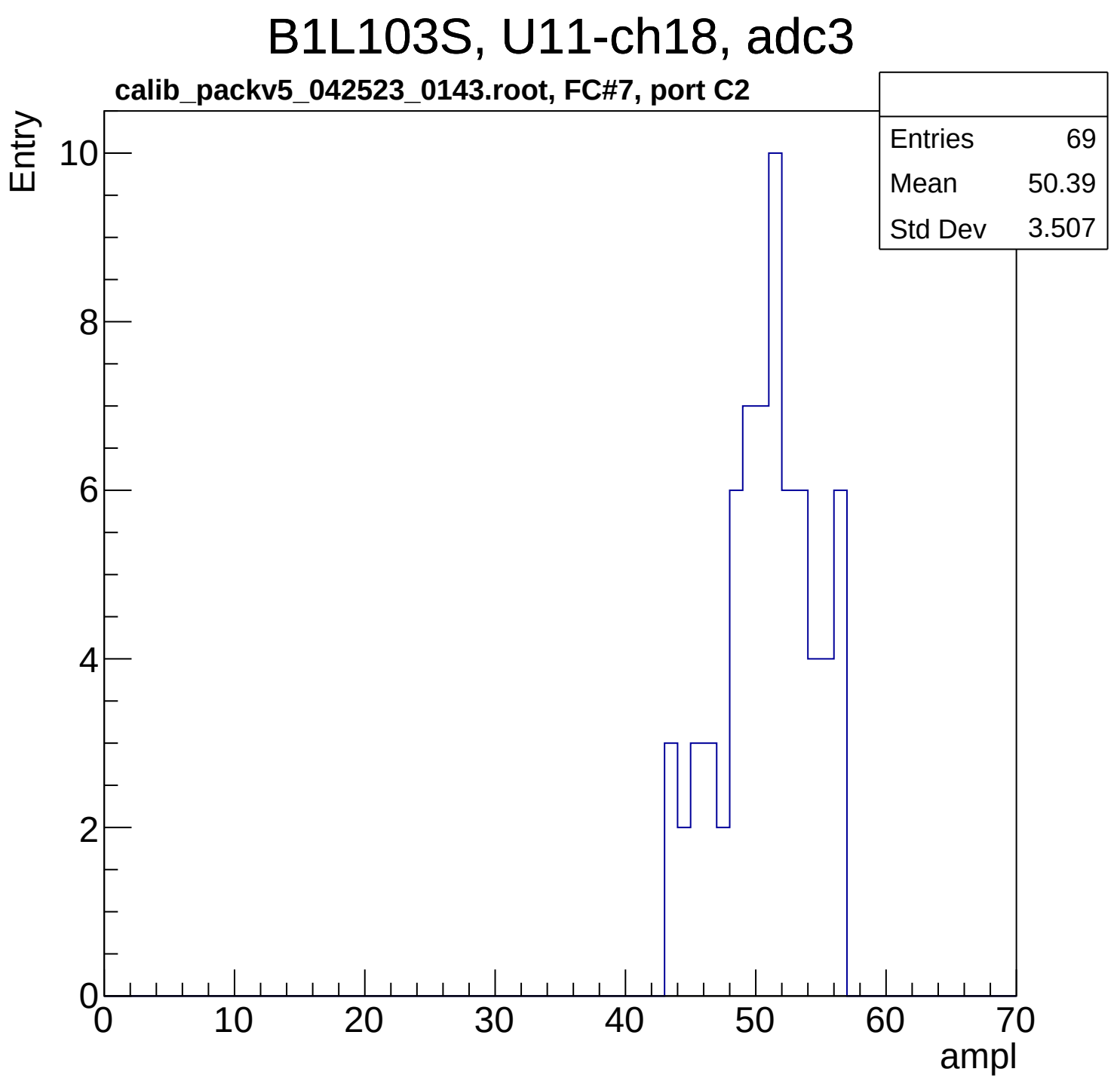
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch18, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 50.39
Std Dev 3.507
Entry
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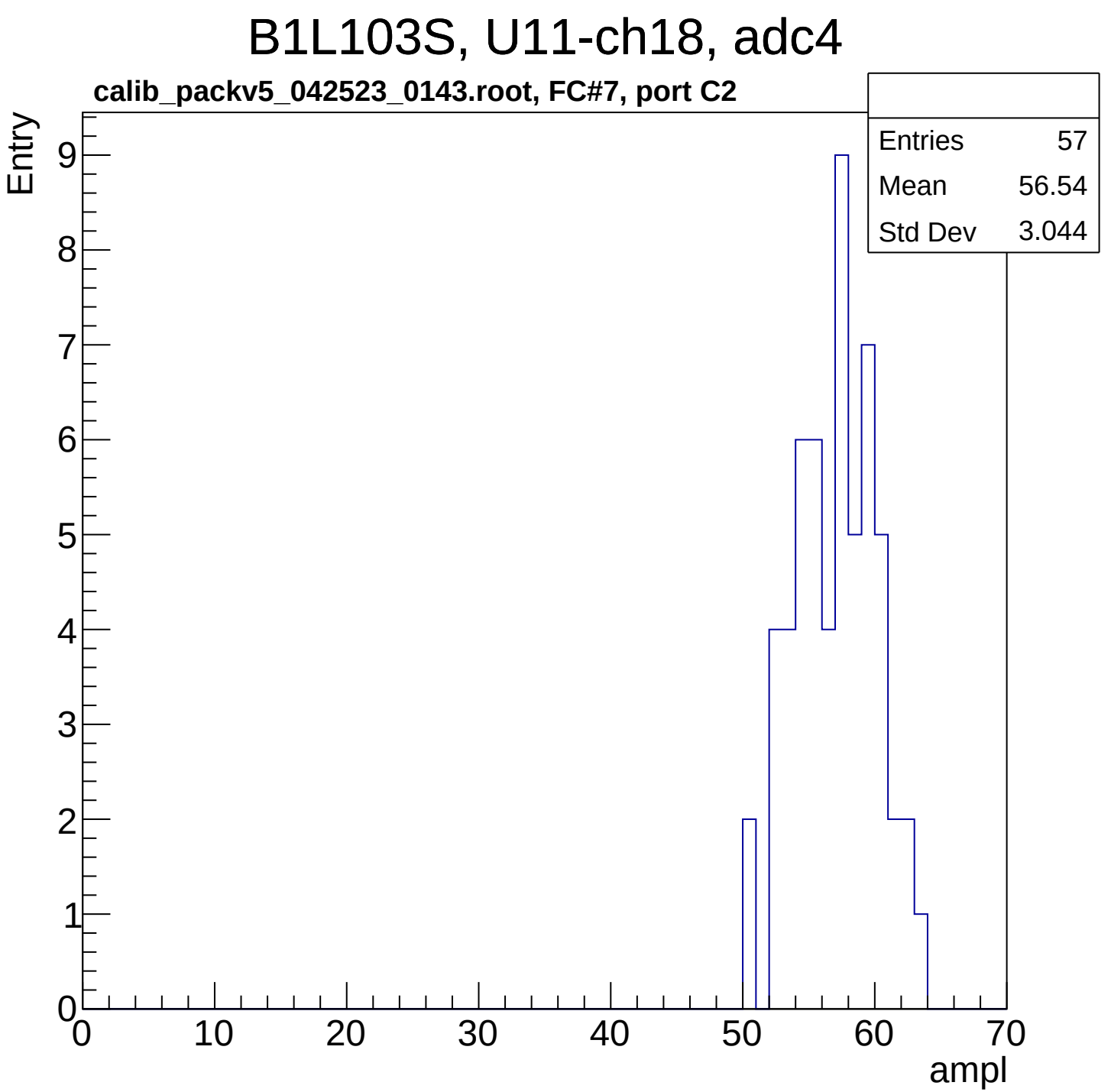
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch18, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 56.54
Std Dev 3.044
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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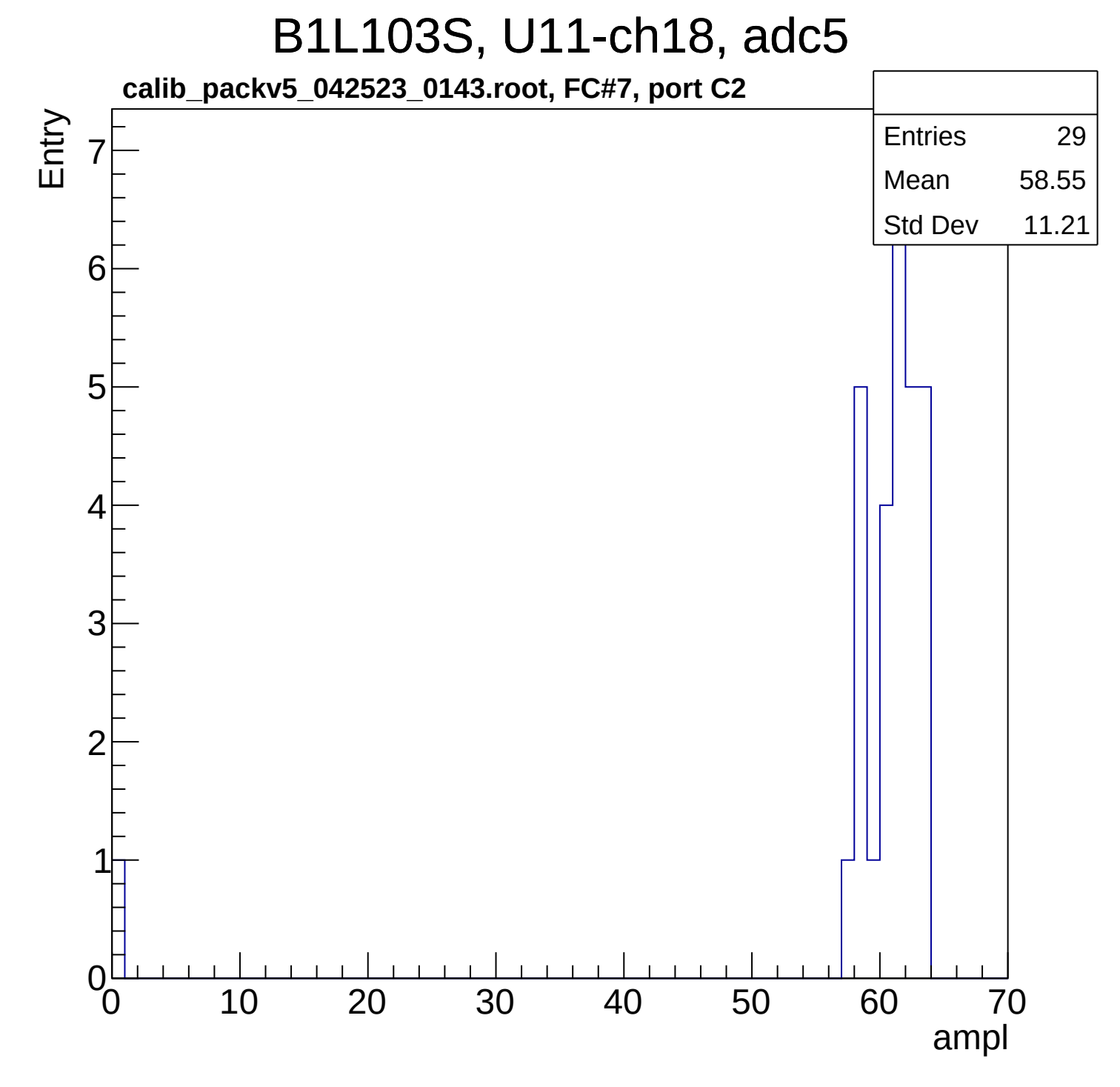
B1L103S, U11-ch18, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 29
Mean 58.55
Std Dev 11.21
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
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40
50
60
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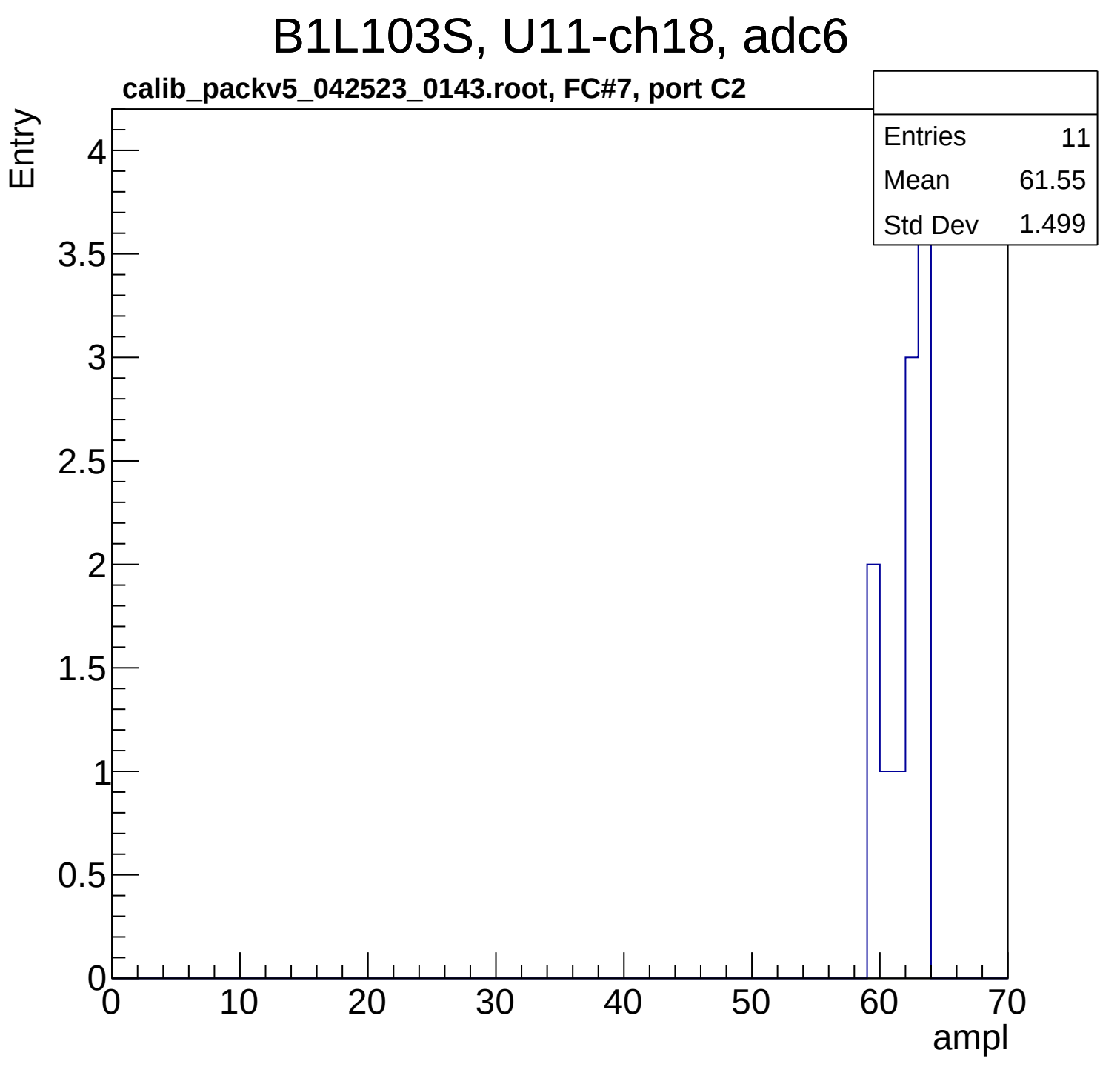
B1L103S, U11-ch18, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 11
Mean 61.55
Std Dev 1.499
Entry
ampl
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0.5
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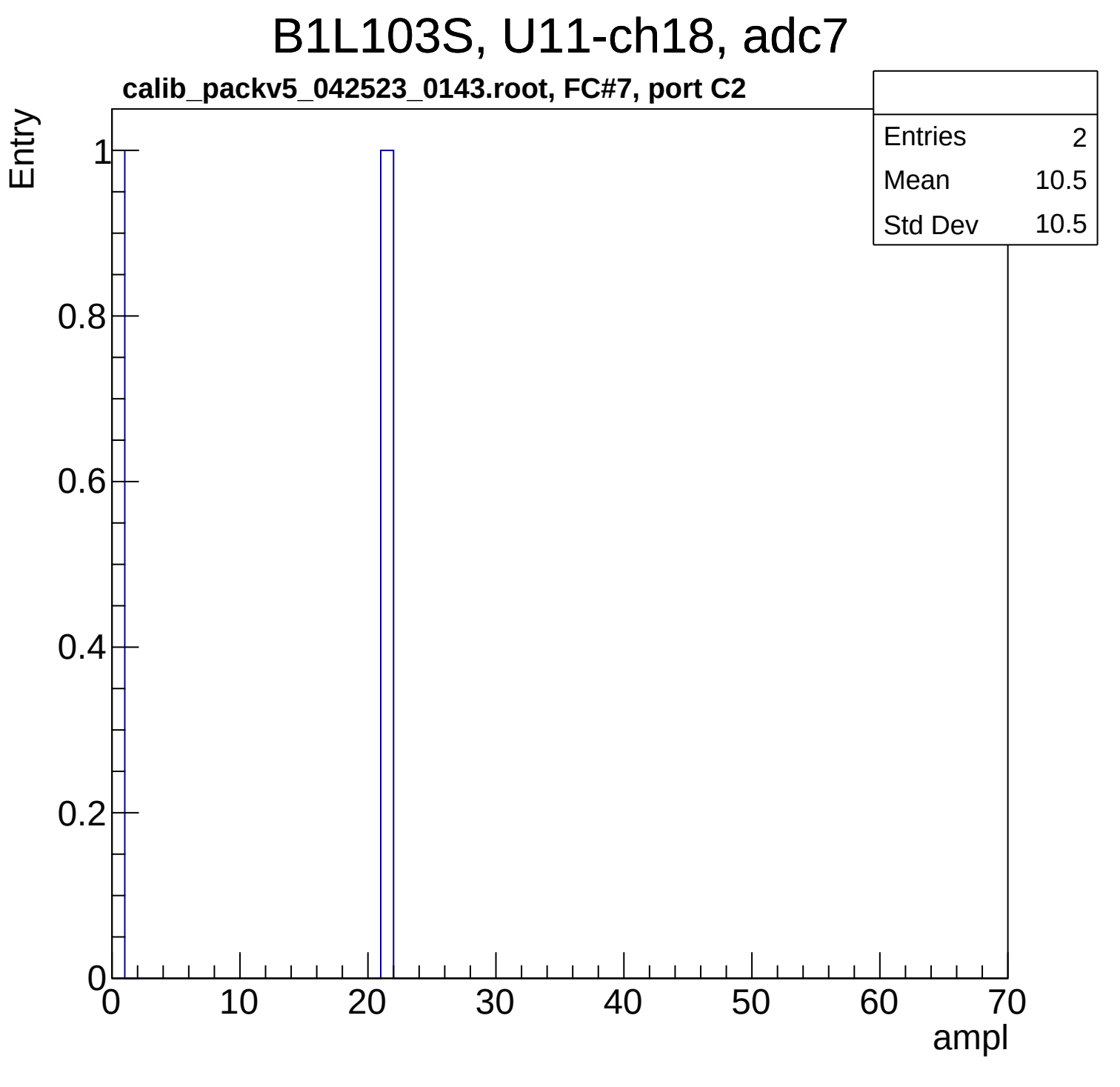
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L103S, U11-ch18, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 10.5
Std Dev 10.5
Entry
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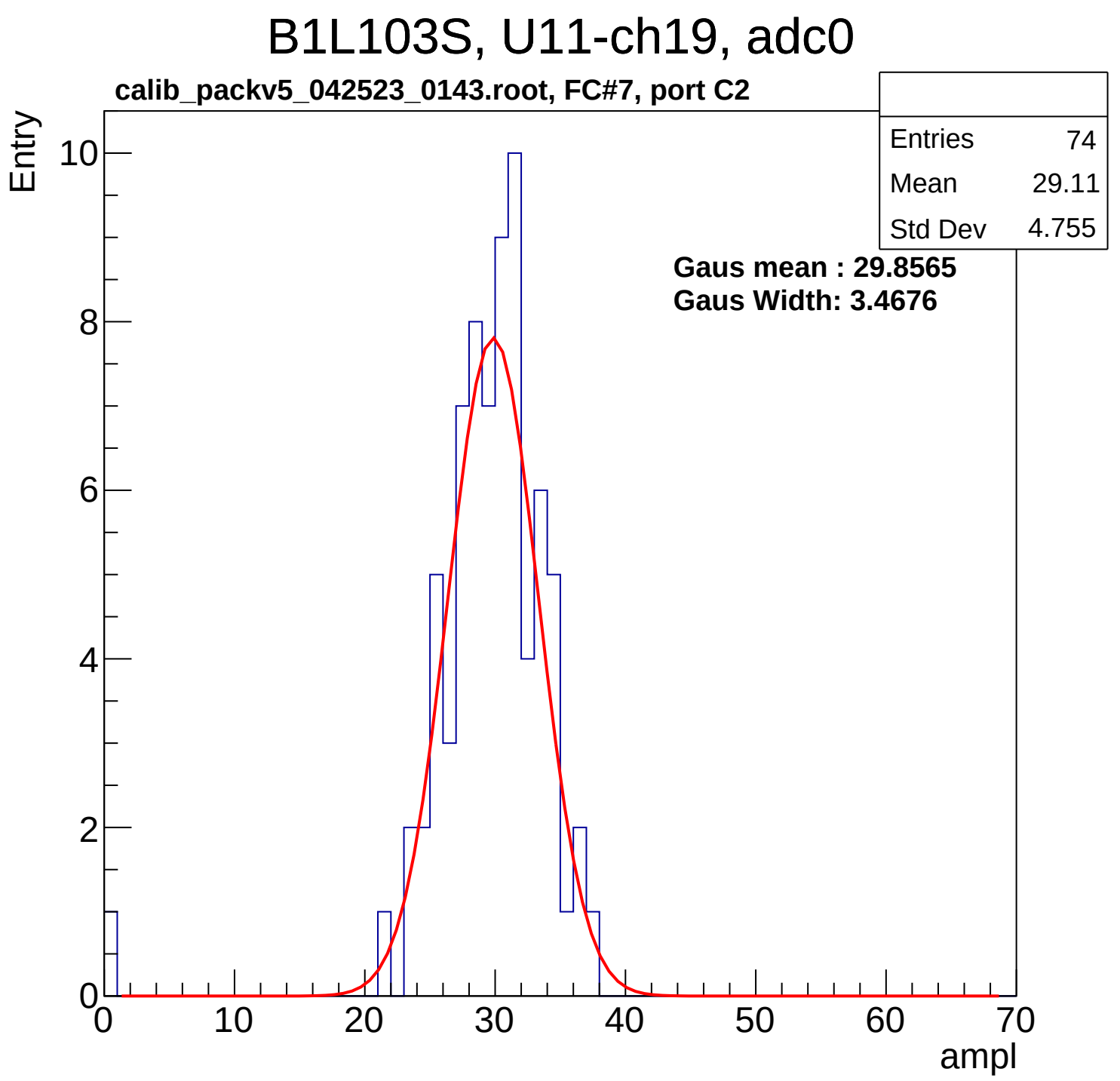
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch19, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 29.11
Std Dev 4.755
Gaus mean : 29.8565
Gaus Width: 3.4676
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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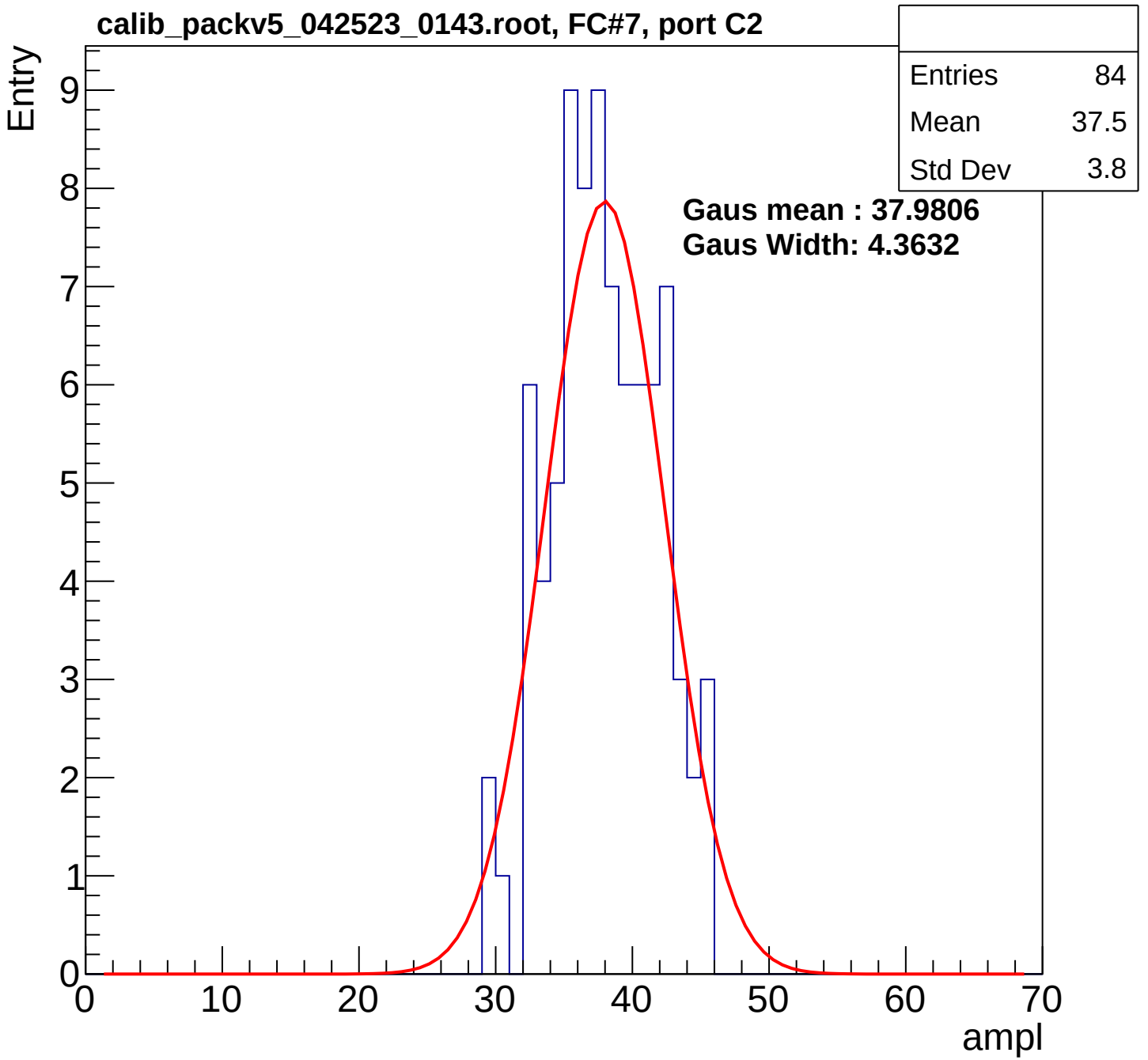
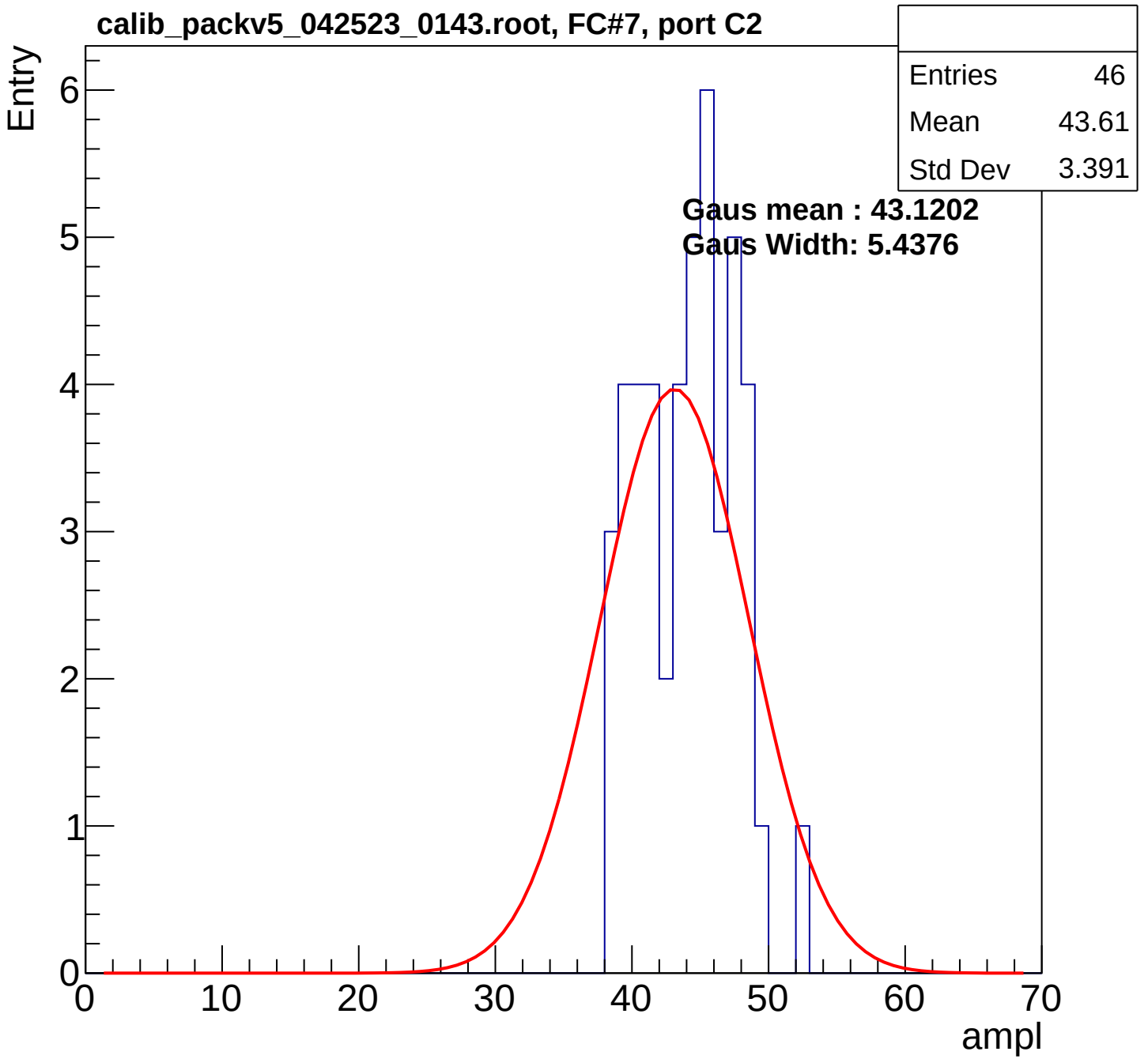
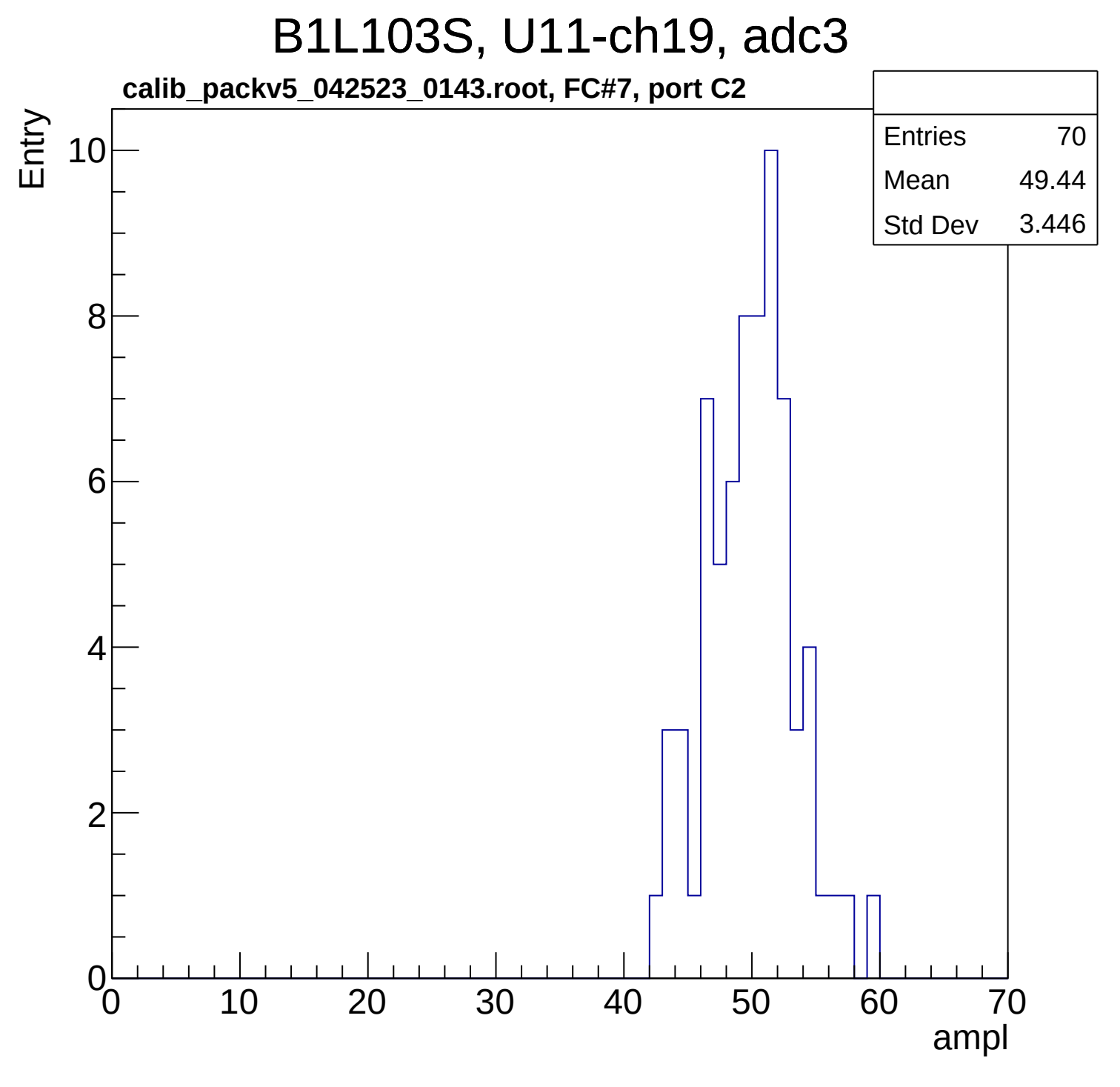

B1L103S, U11-ch19, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 84
Mean 37.5
Std Dev 3.8
Gaus mean : 37.9806
Gaus Width: 4.3632
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch19, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 46
Mean 43.61
Std Dev 3.391
Gaus mean : 43.1202
Gaus Width: 5.4376
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L103S, U11-ch19, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 49.44
Std Dev 3.446
Entry
ampl
0
2
4
6
8
10
0
10
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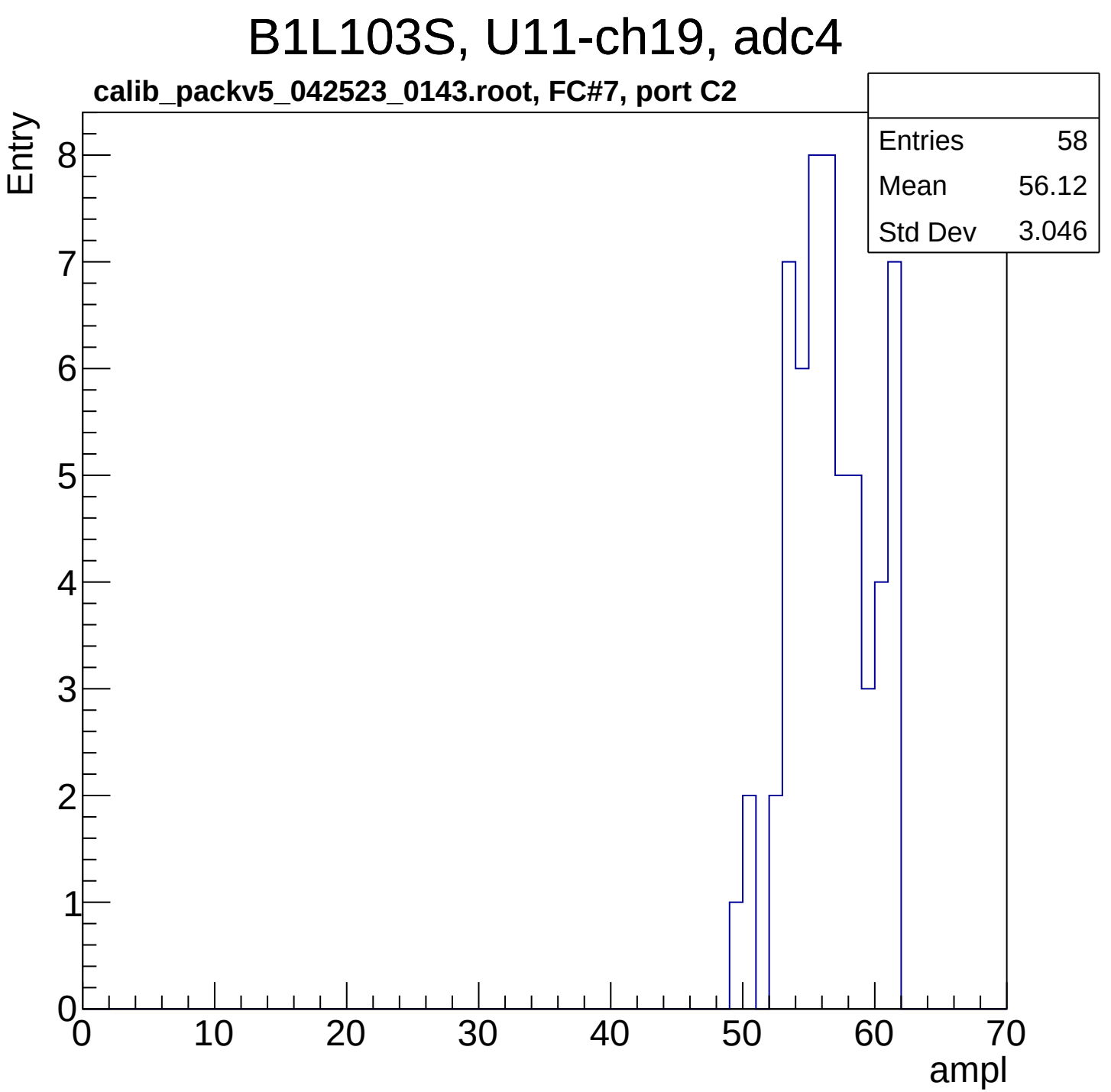
30
40
50
60
70


B1L103S, U11-ch19, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 56.12
Std Dev 3.046
Entry
0
1
2
3
4
5
6
7
8
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10
20
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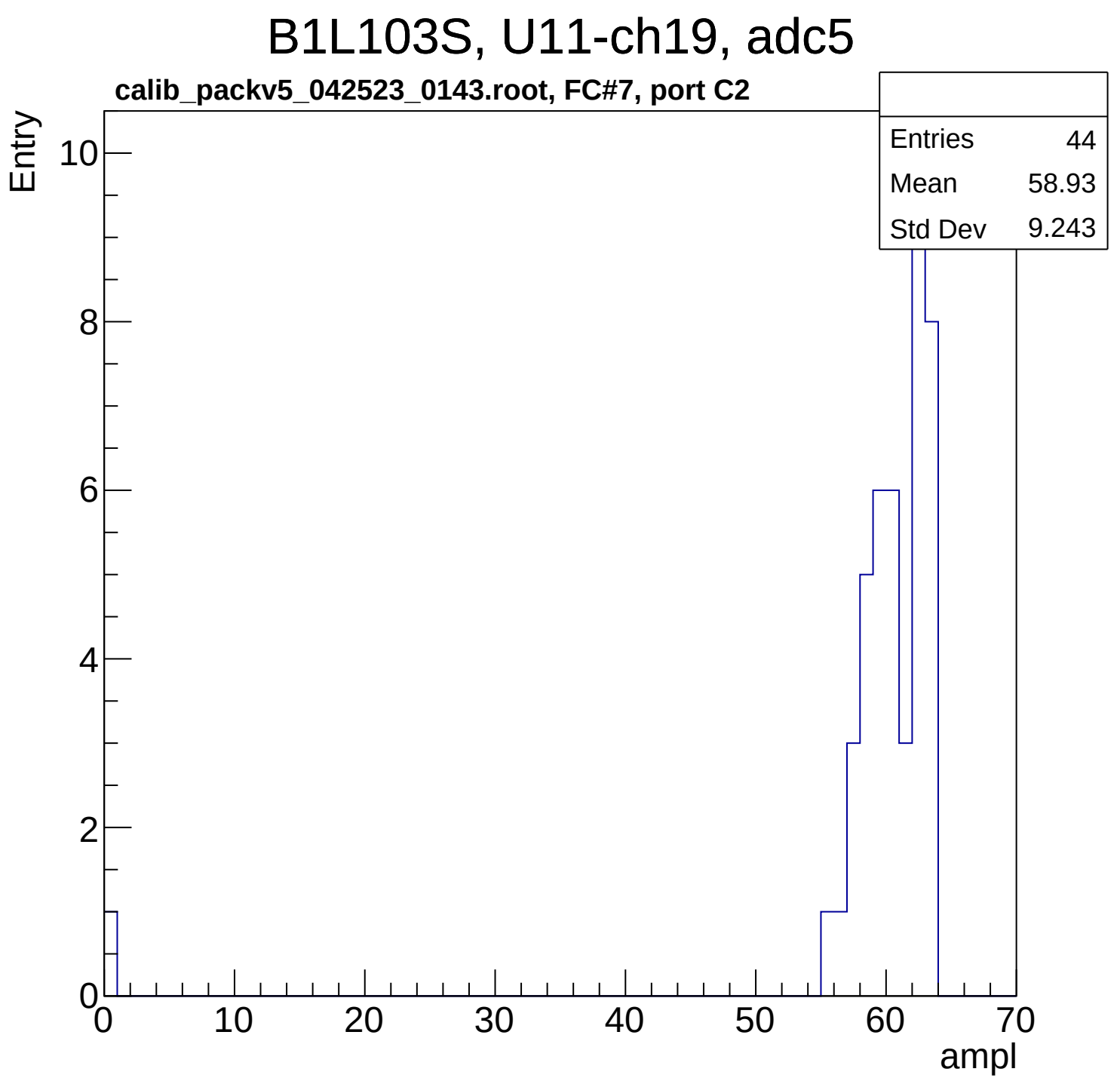
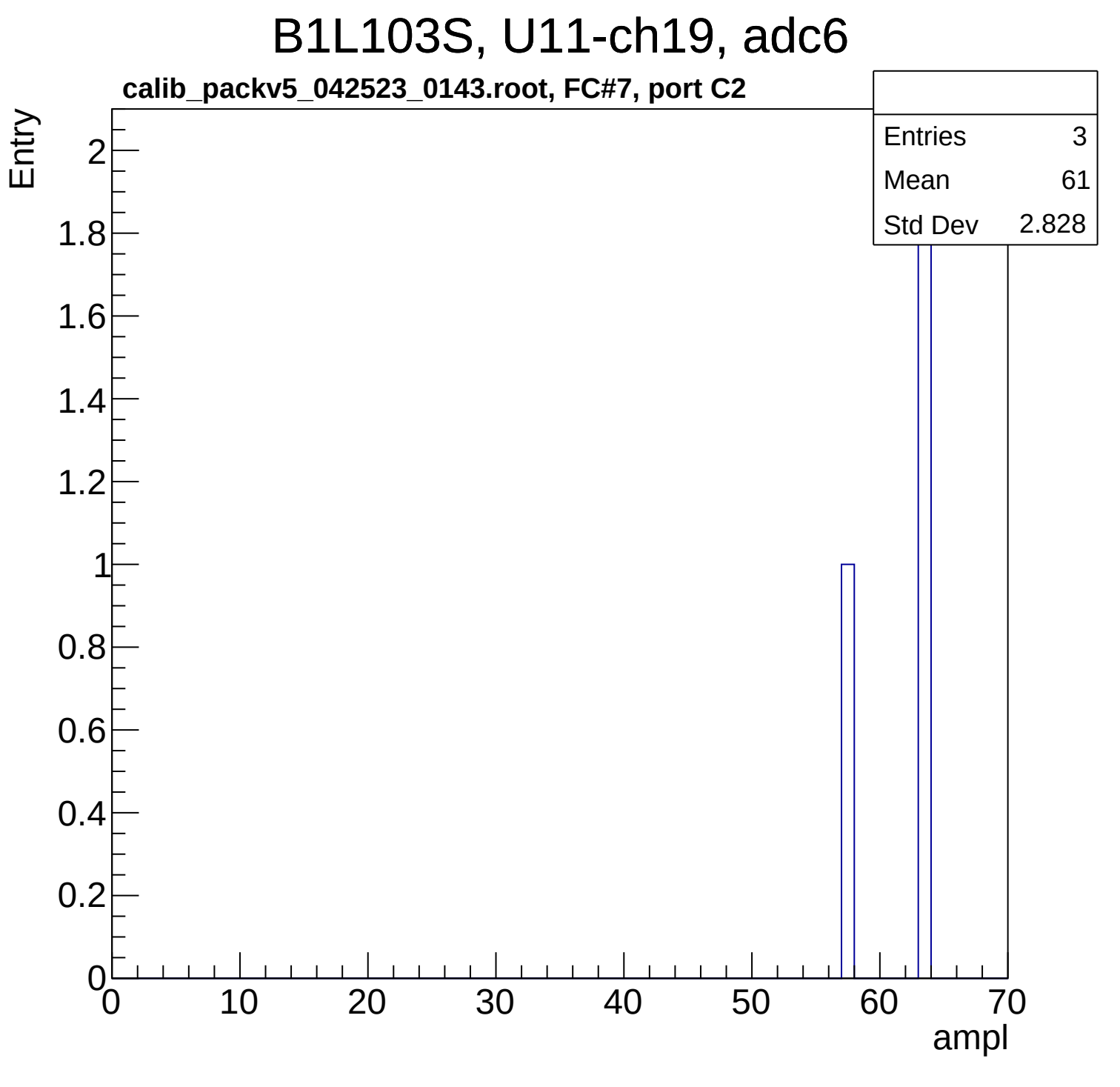
50
60
70
ampl


B1L103S, U11-ch19, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 44
Mean 58.93
Std Dev 9.243
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch19, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 61
Std Dev 2.828
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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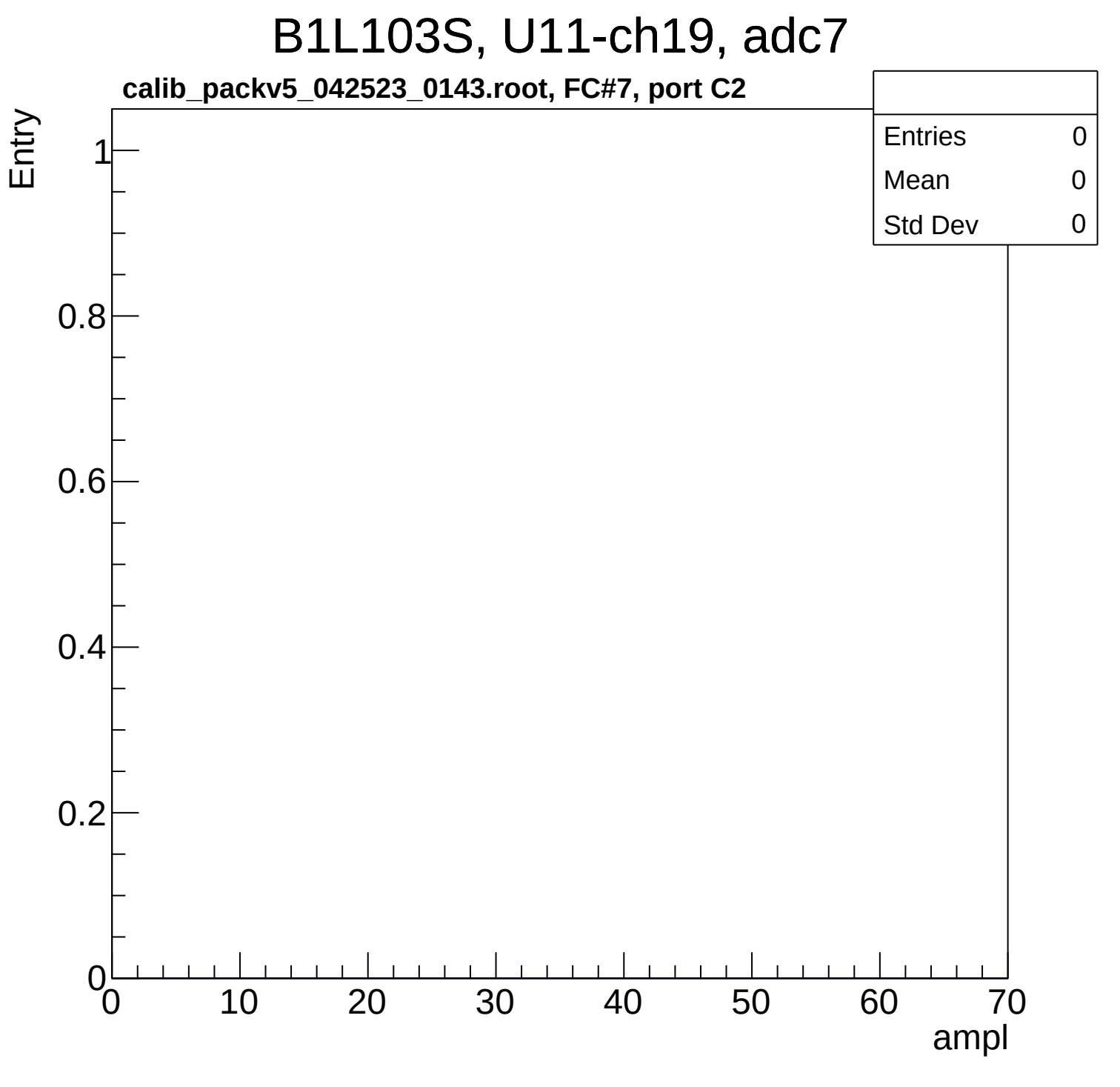
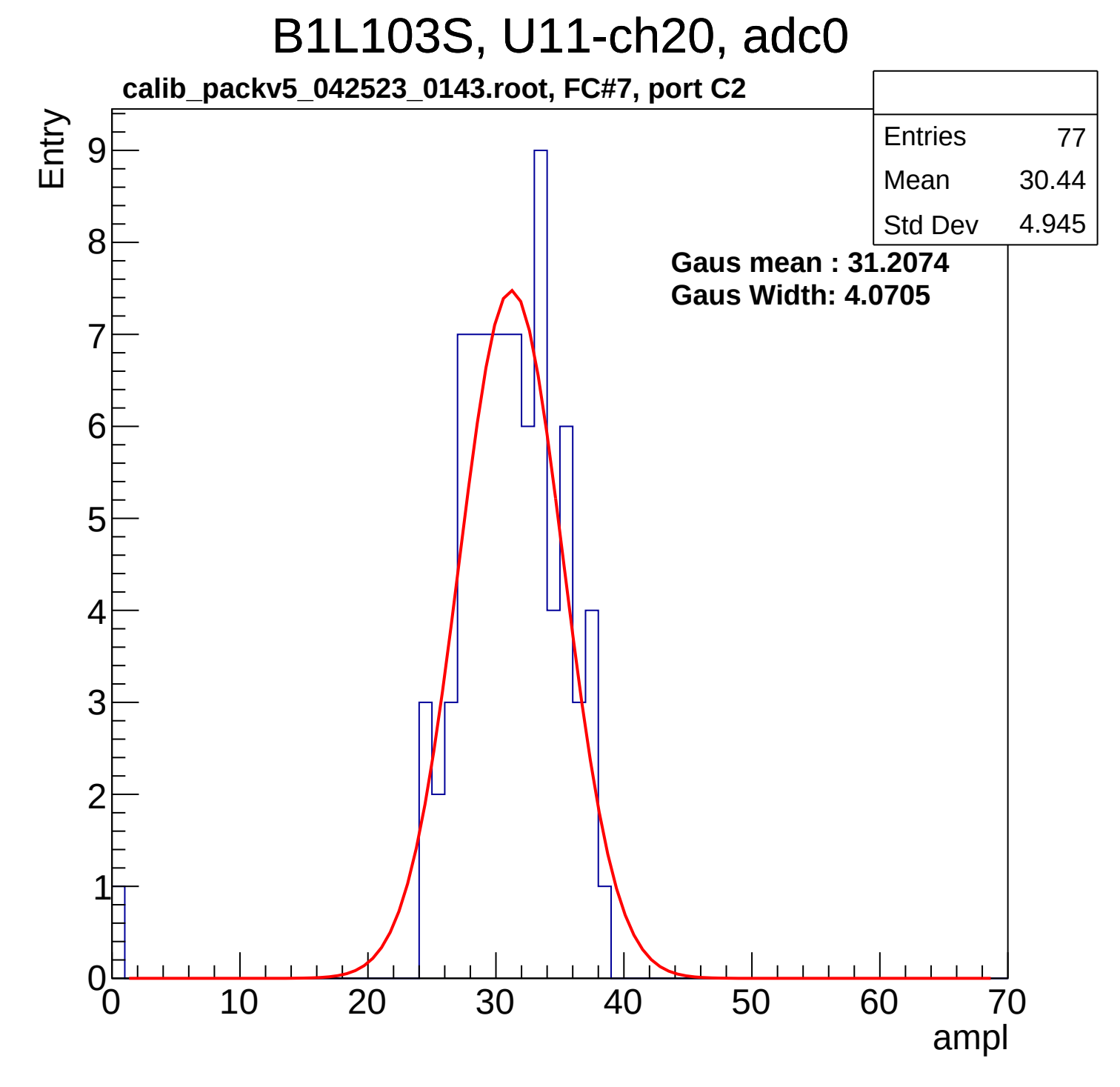

B1L103S, U11-ch19, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch20, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 77
Mean 30.44
Std Dev 4.945
Gaus mean : 31.2074
Gaus Width: 4.0705
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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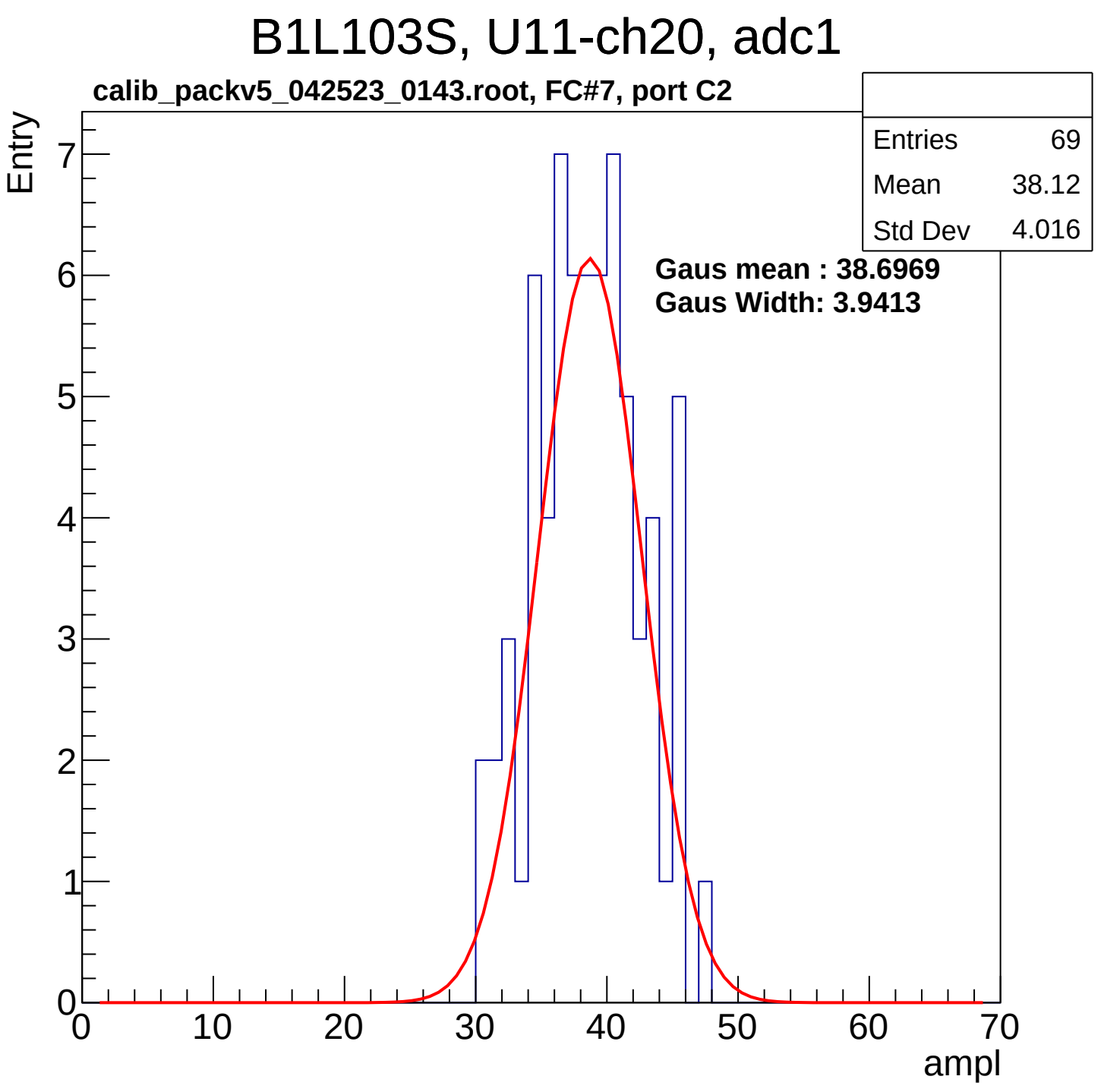
B1L103S, U11-ch20, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 38.12
Std Dev 4.016
Gaus mean : 38.6969
Gaus Width: 3.9413
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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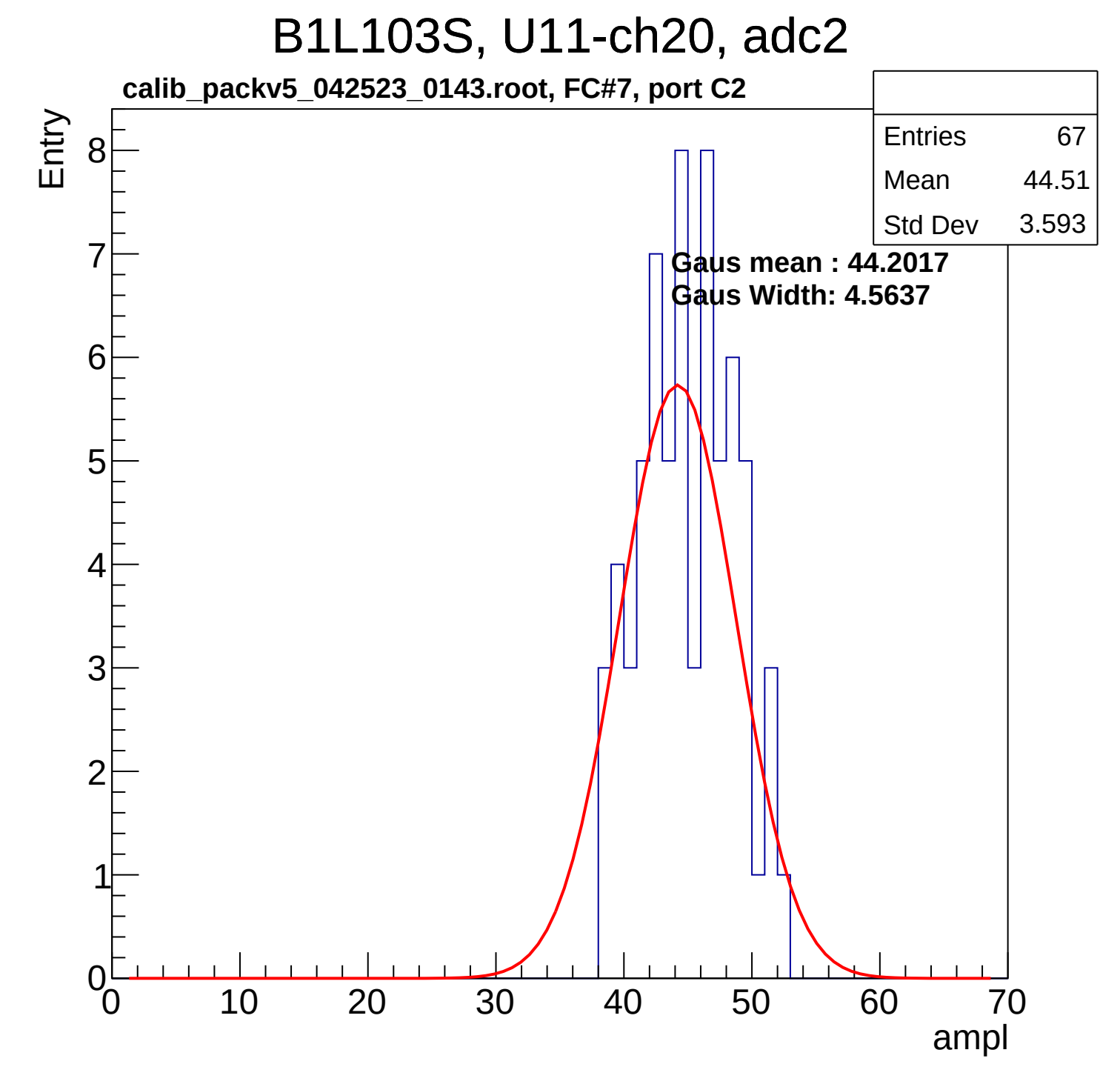
B1L103S, U11-ch20, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 44.51
Std Dev 3.593
Gaus mean : 44.2017
Gaus Width: 4.5637
Entry
ampl
0
1
2
3
4
5
6
7
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0
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40
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60
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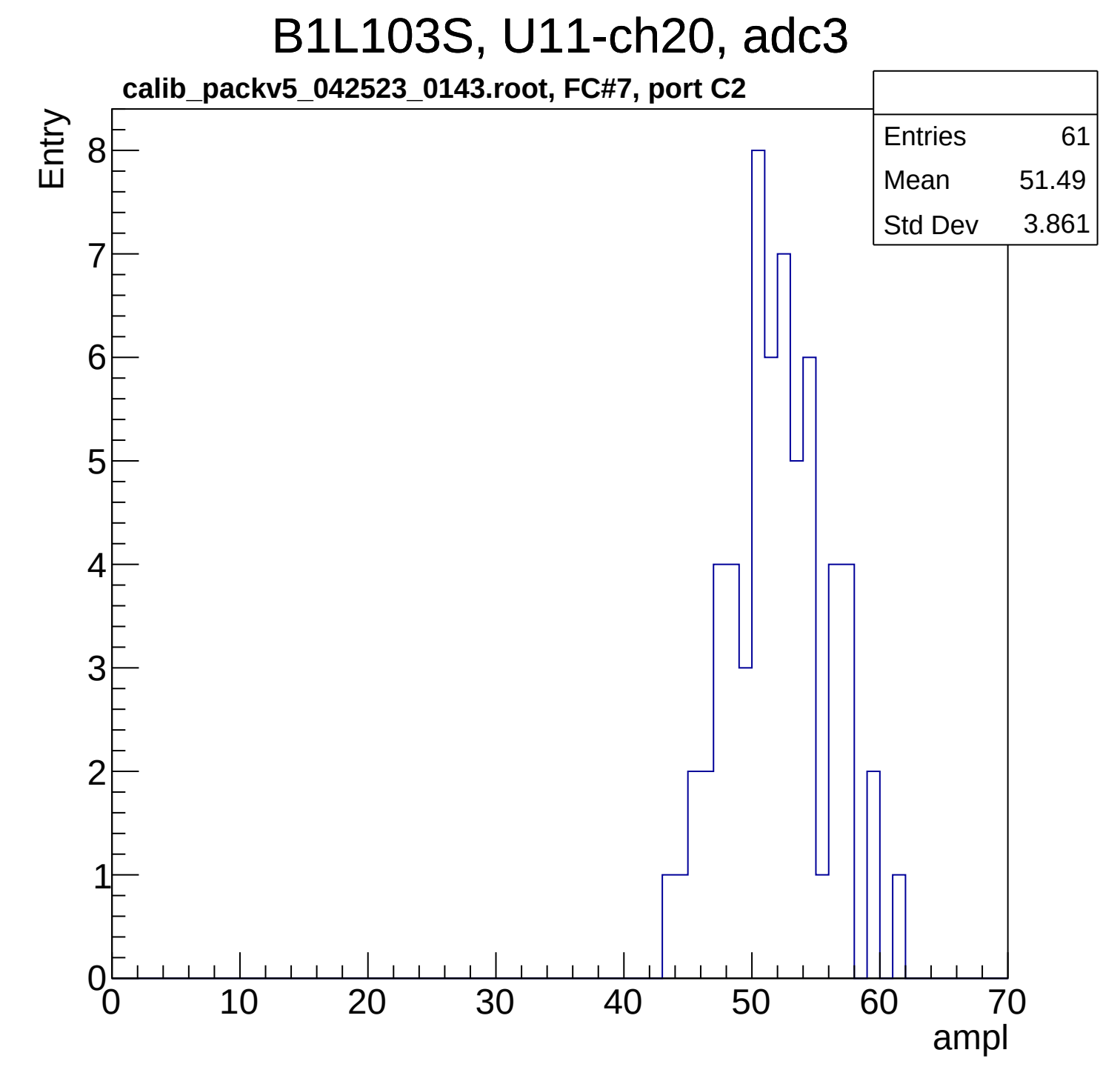
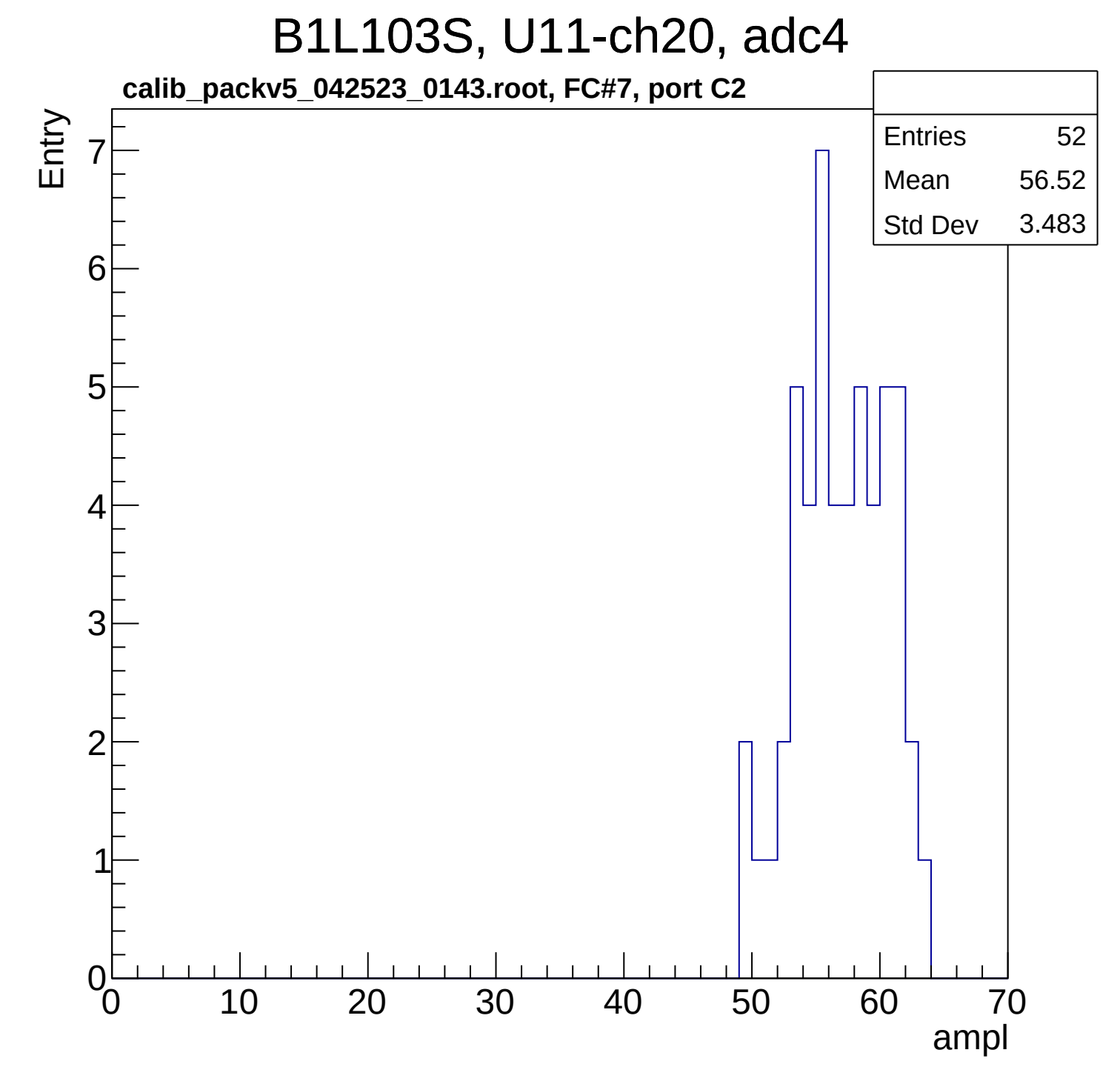

B1L103S, U11-ch20, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 51.49
Std Dev 3.861
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch20, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 52
Mean 56.52
Std Dev 3.483
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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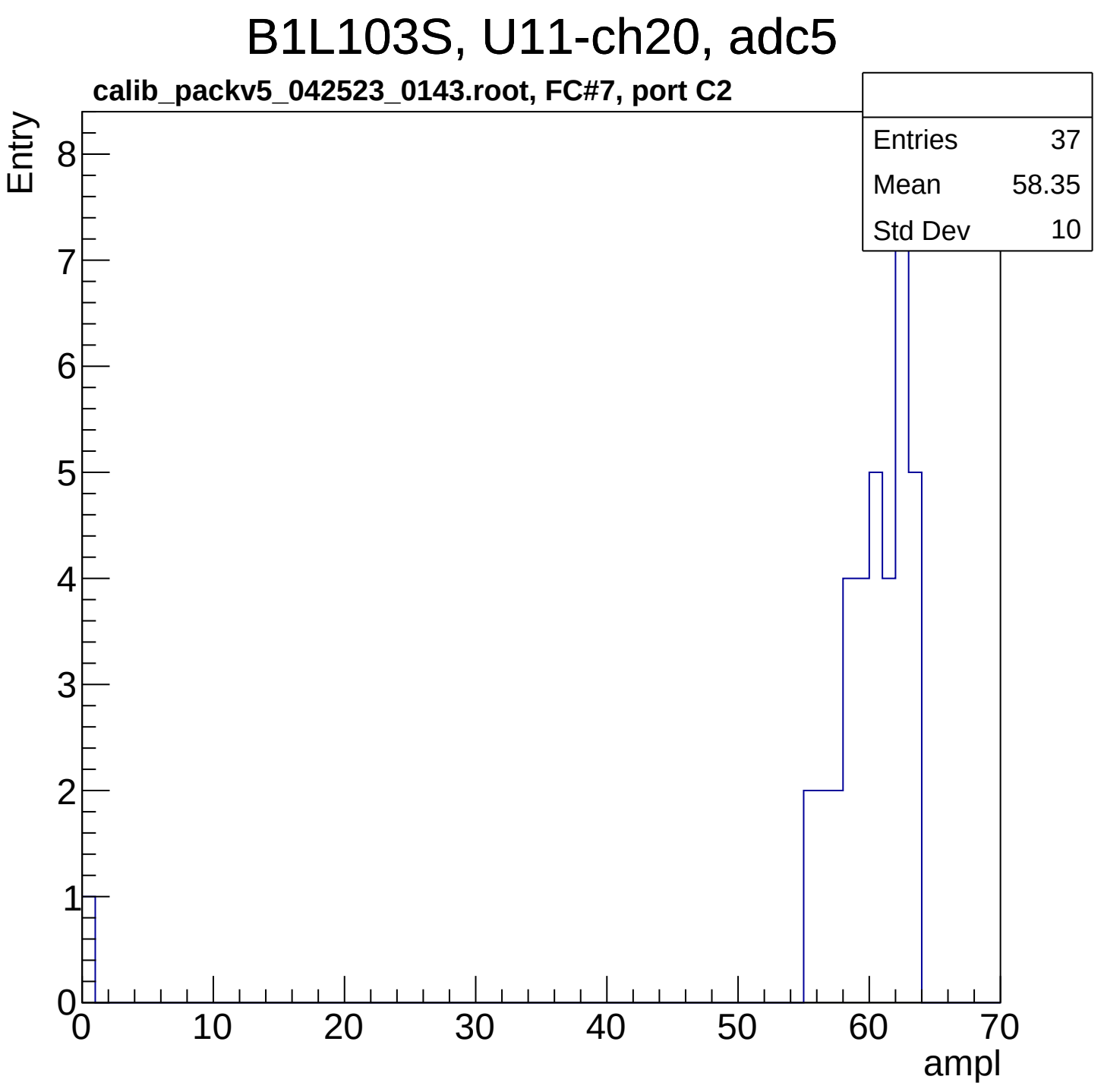
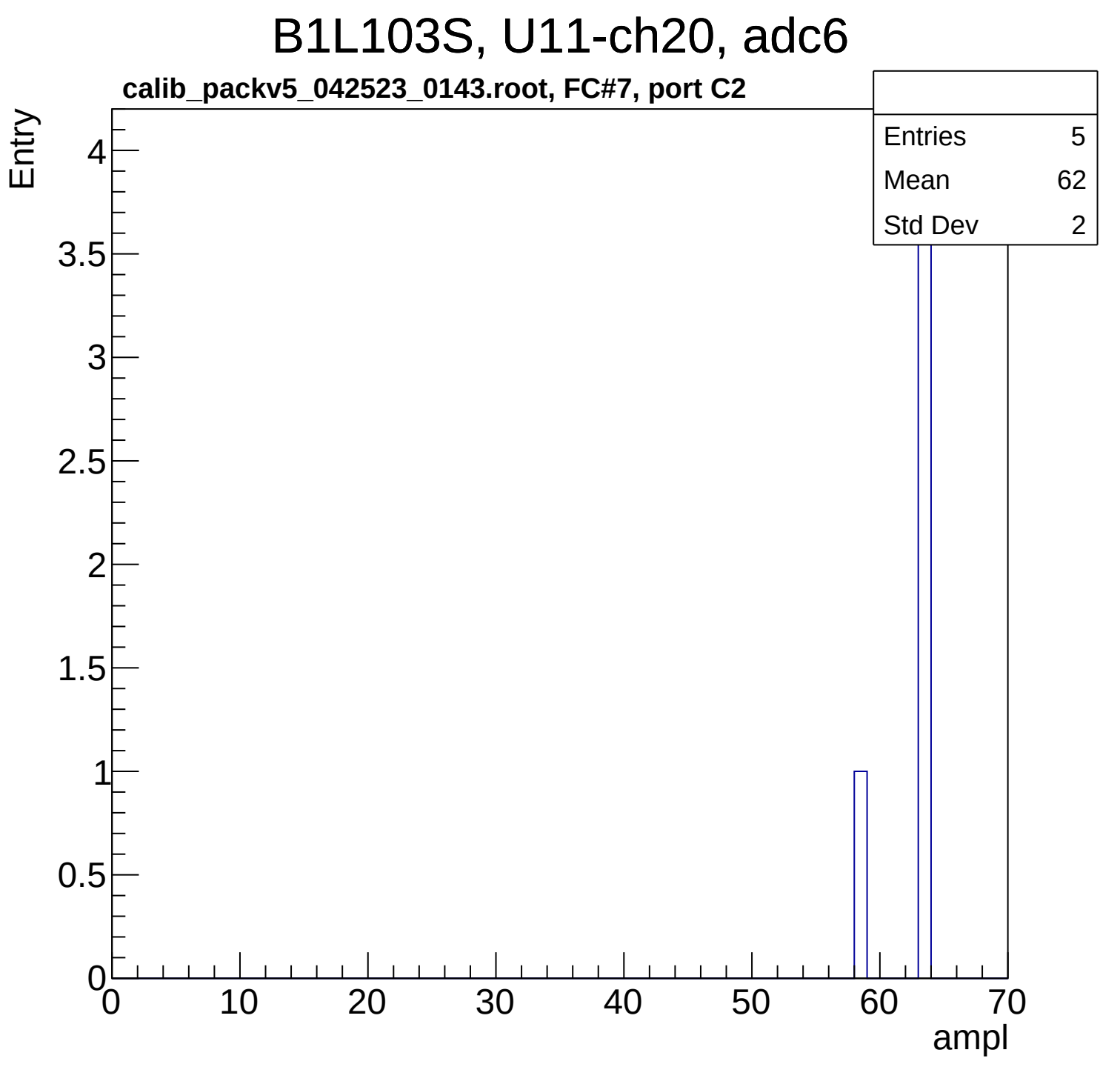
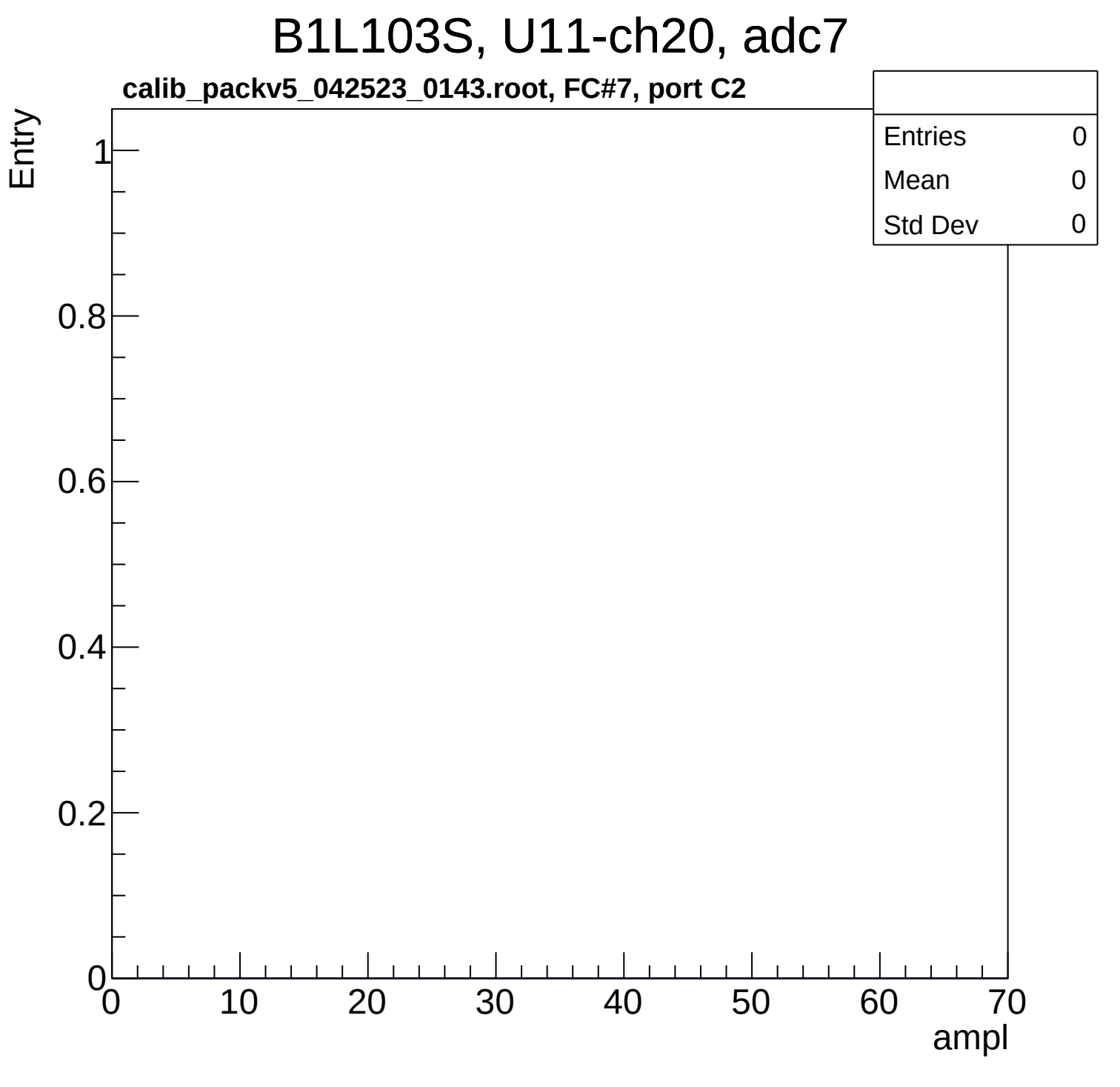
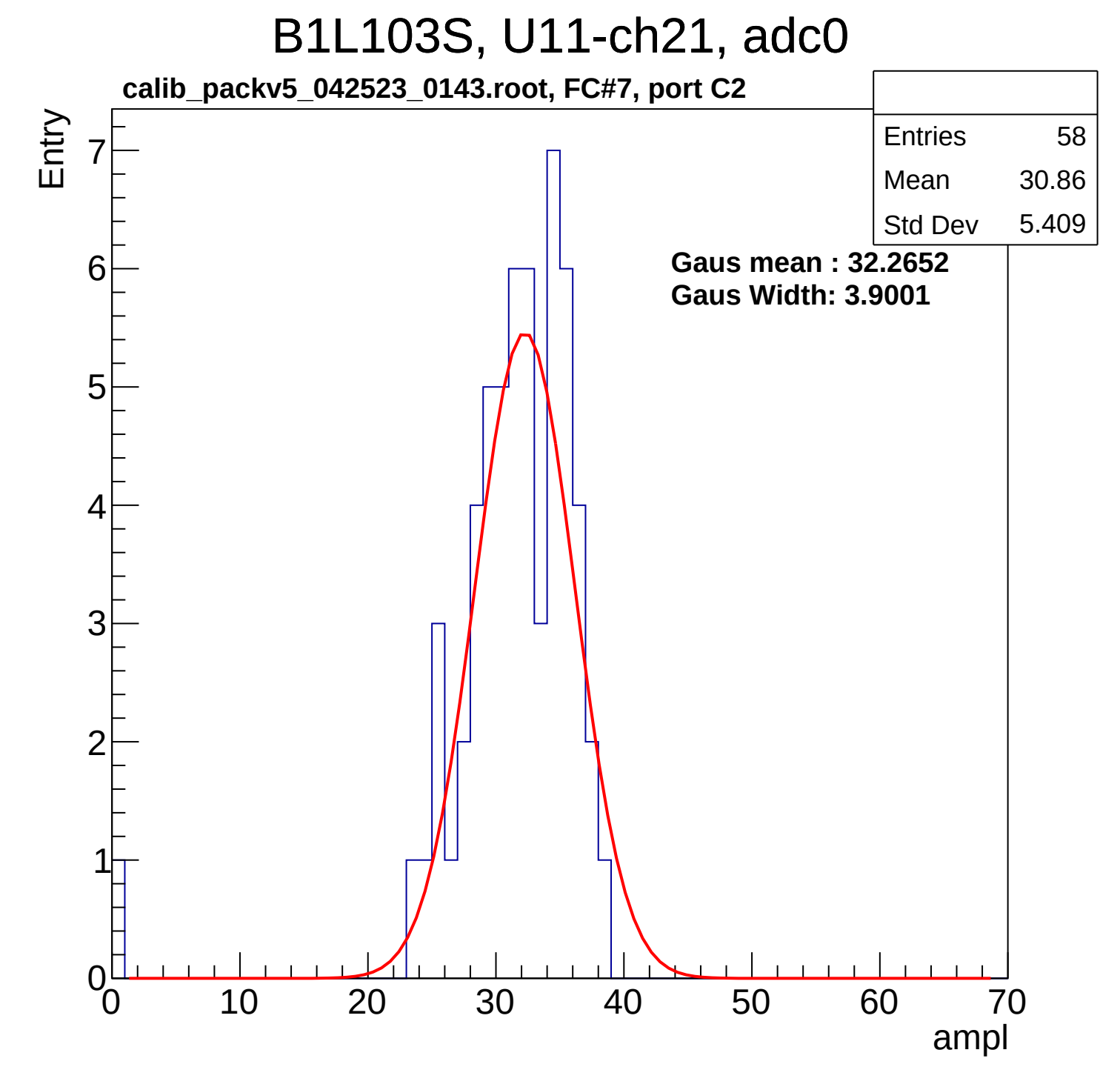
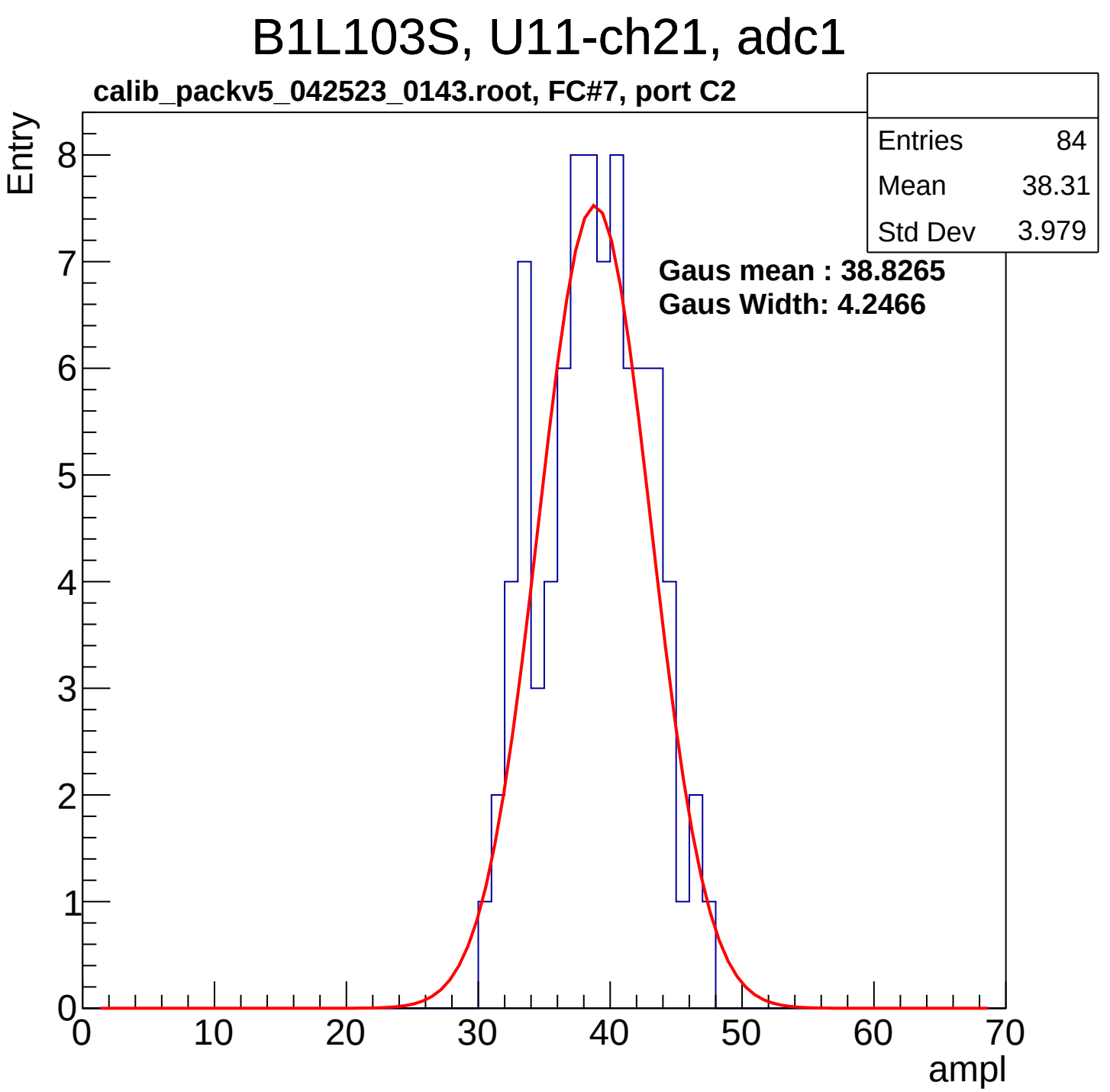
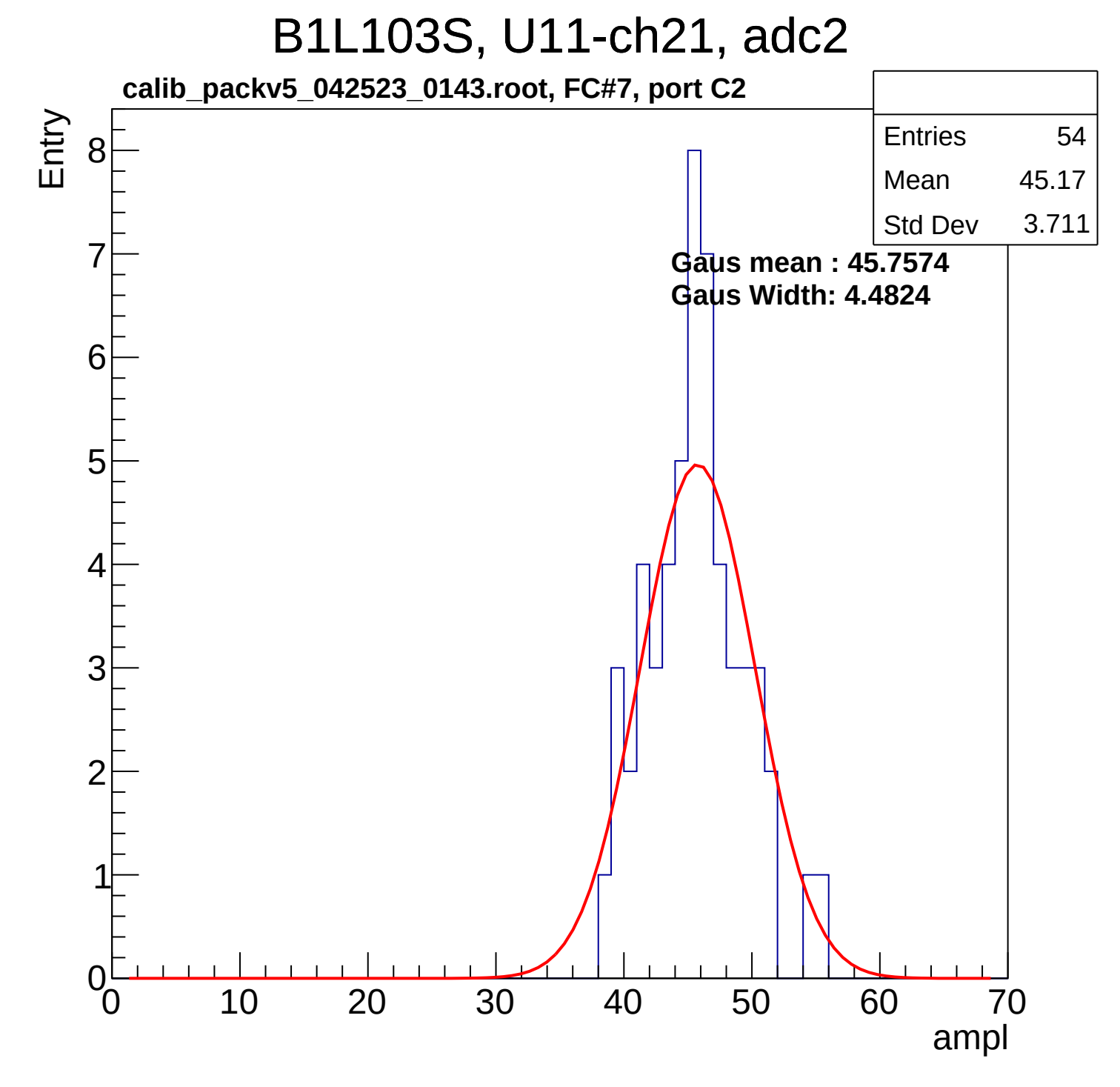

B1L103S, U11-ch20, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 37
Mean 58.35
Std Dev 10
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

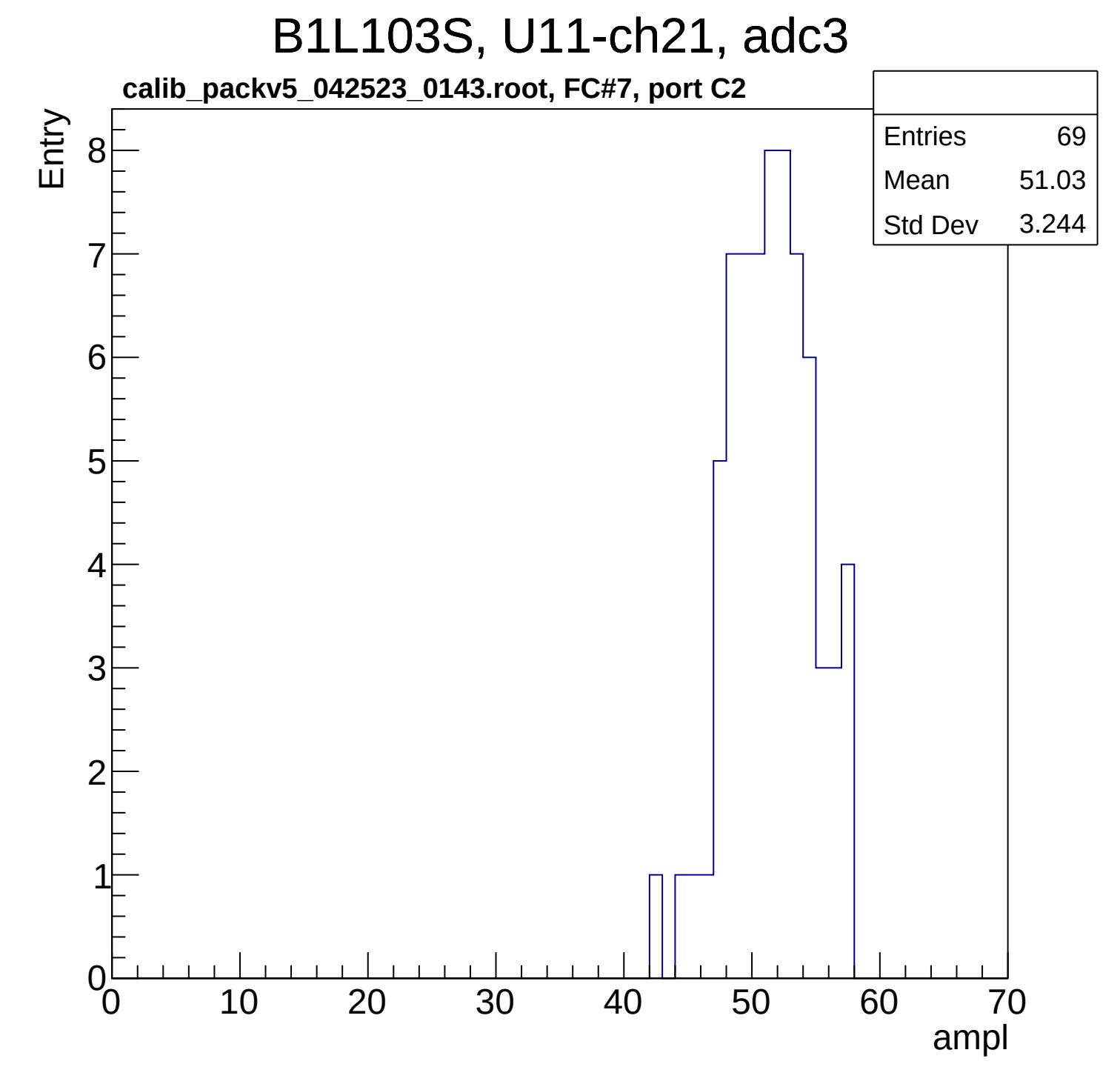

B1L103S, U11-ch20, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 62
Std Dev 2
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

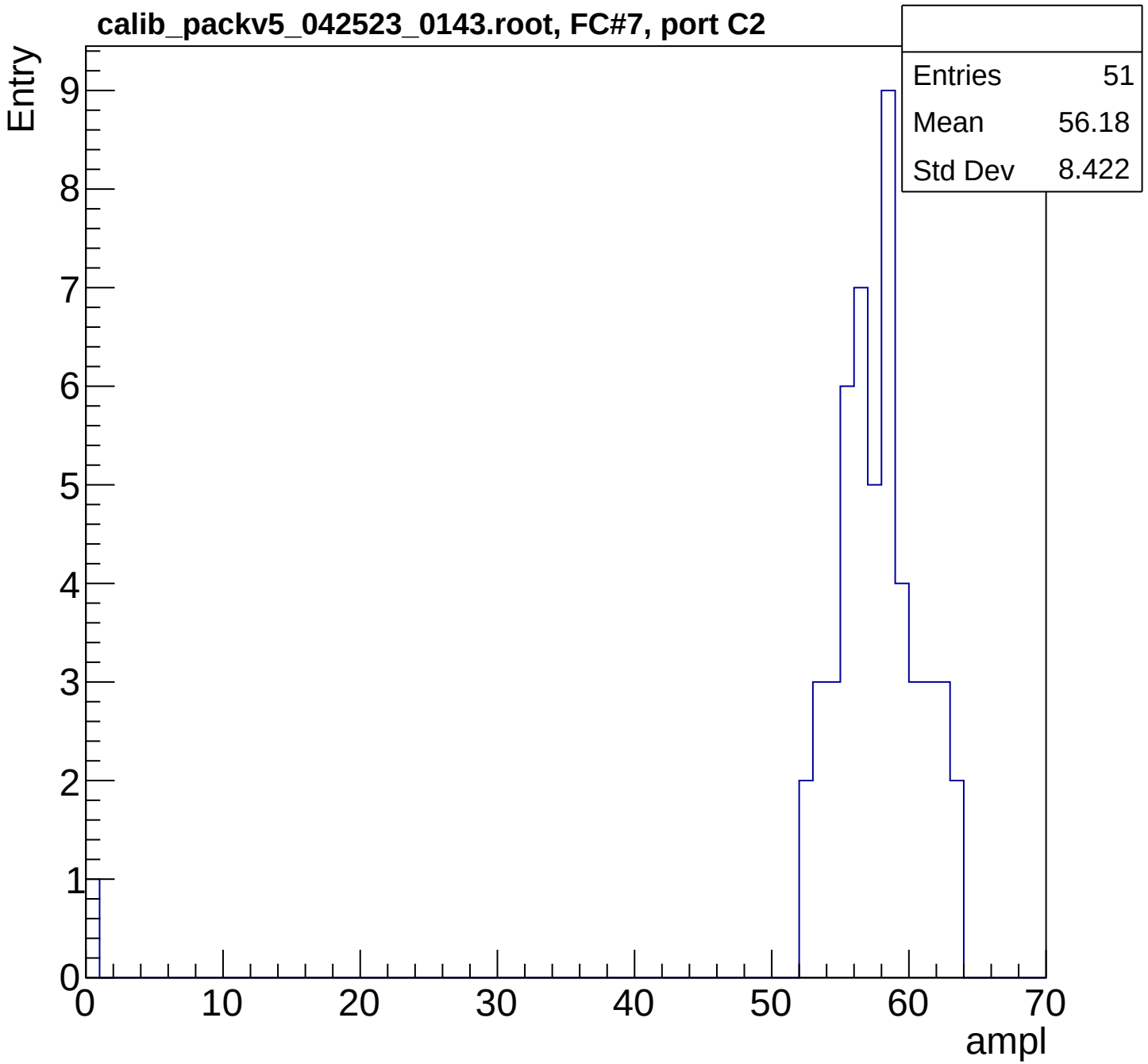

B1L103S, U11-ch20, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

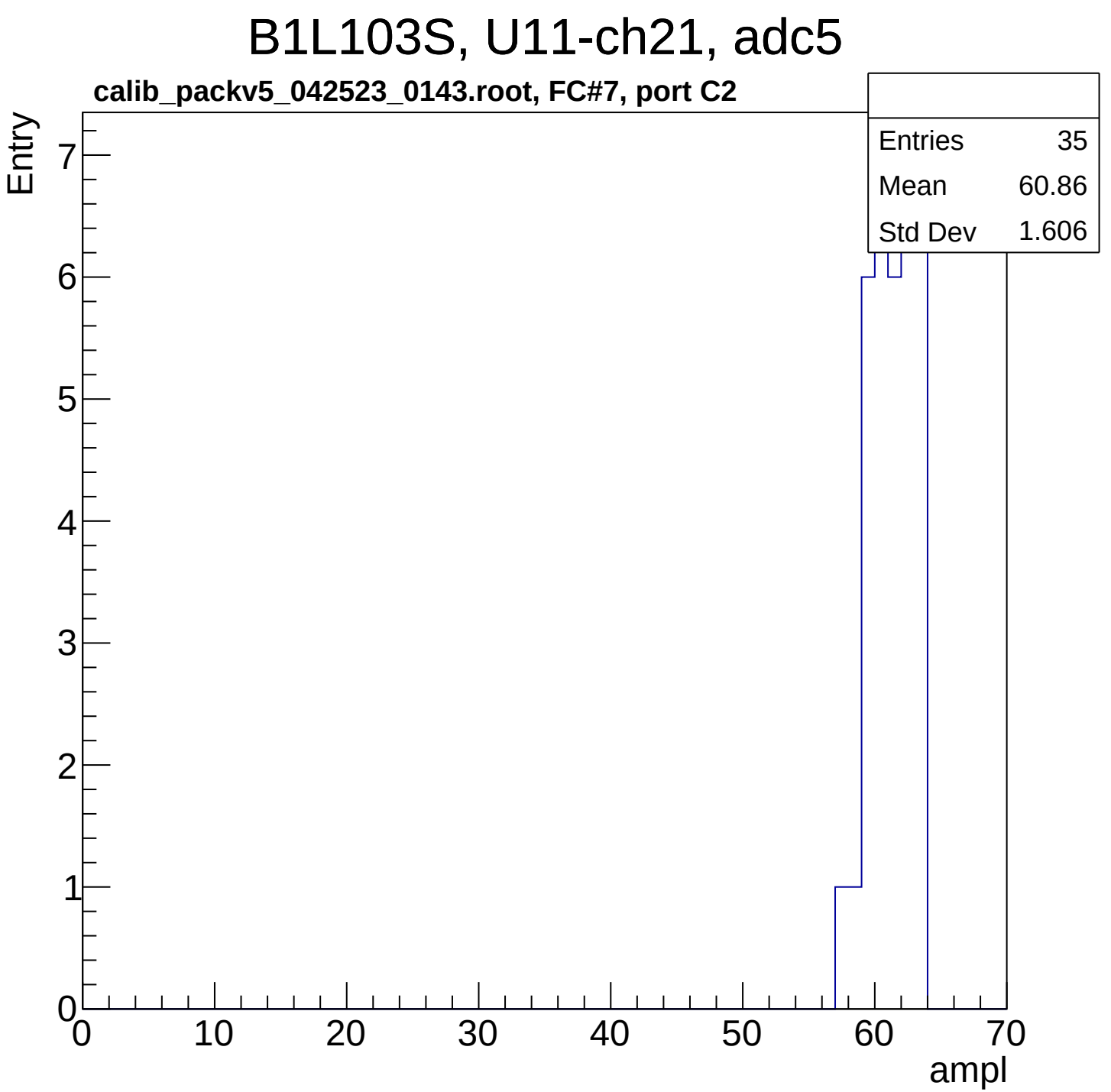

B1L103S, U11-ch21, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 30.86
Std Dev 5.409
Gaus mean : 32.2652
Gaus Width: 3.9001
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

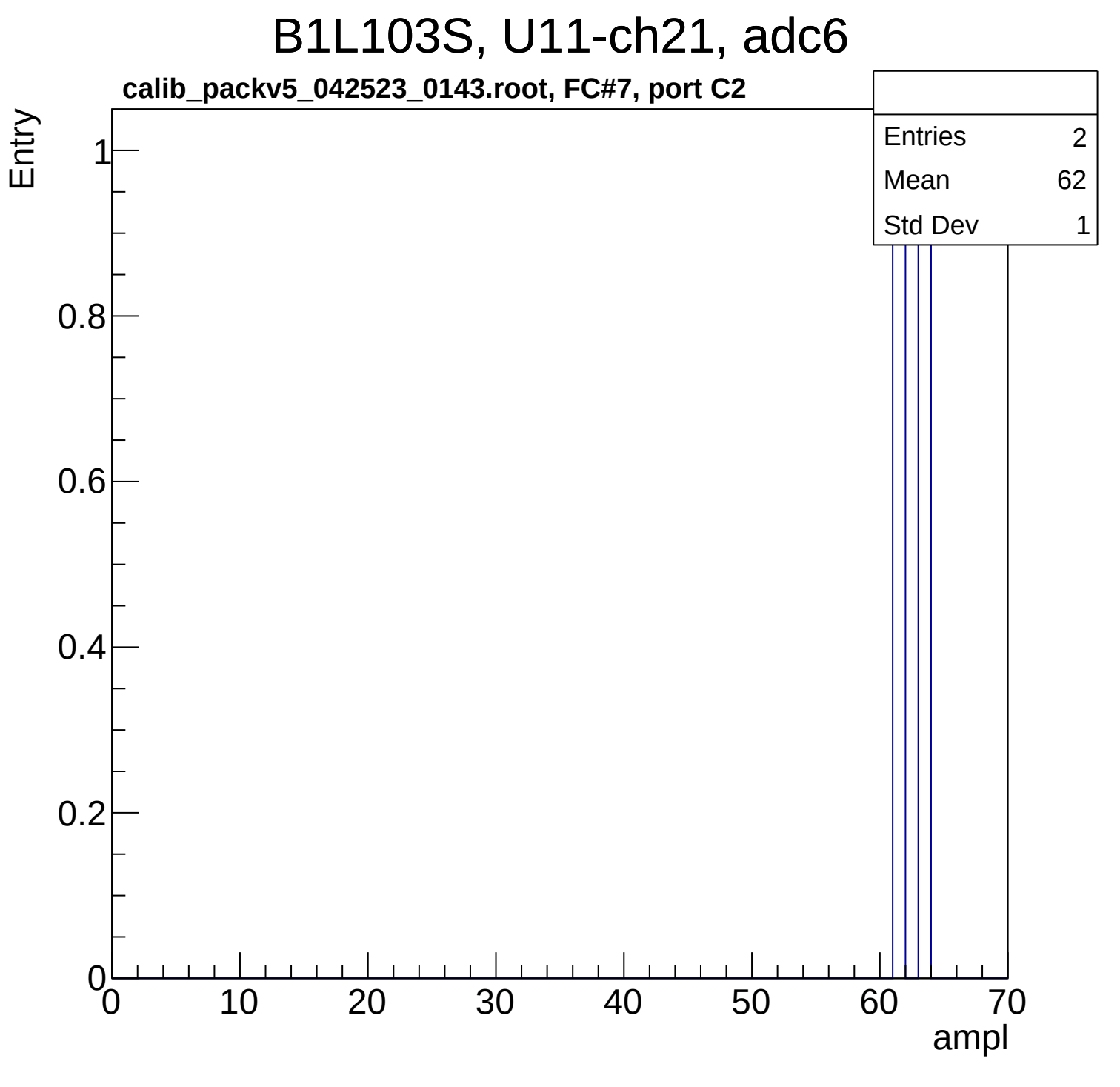

B1L103S, U11-ch21, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 84
Mean 38.31
Std Dev 3.979
Gaus mean : 38.8265
Gaus Width: 4.2466
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

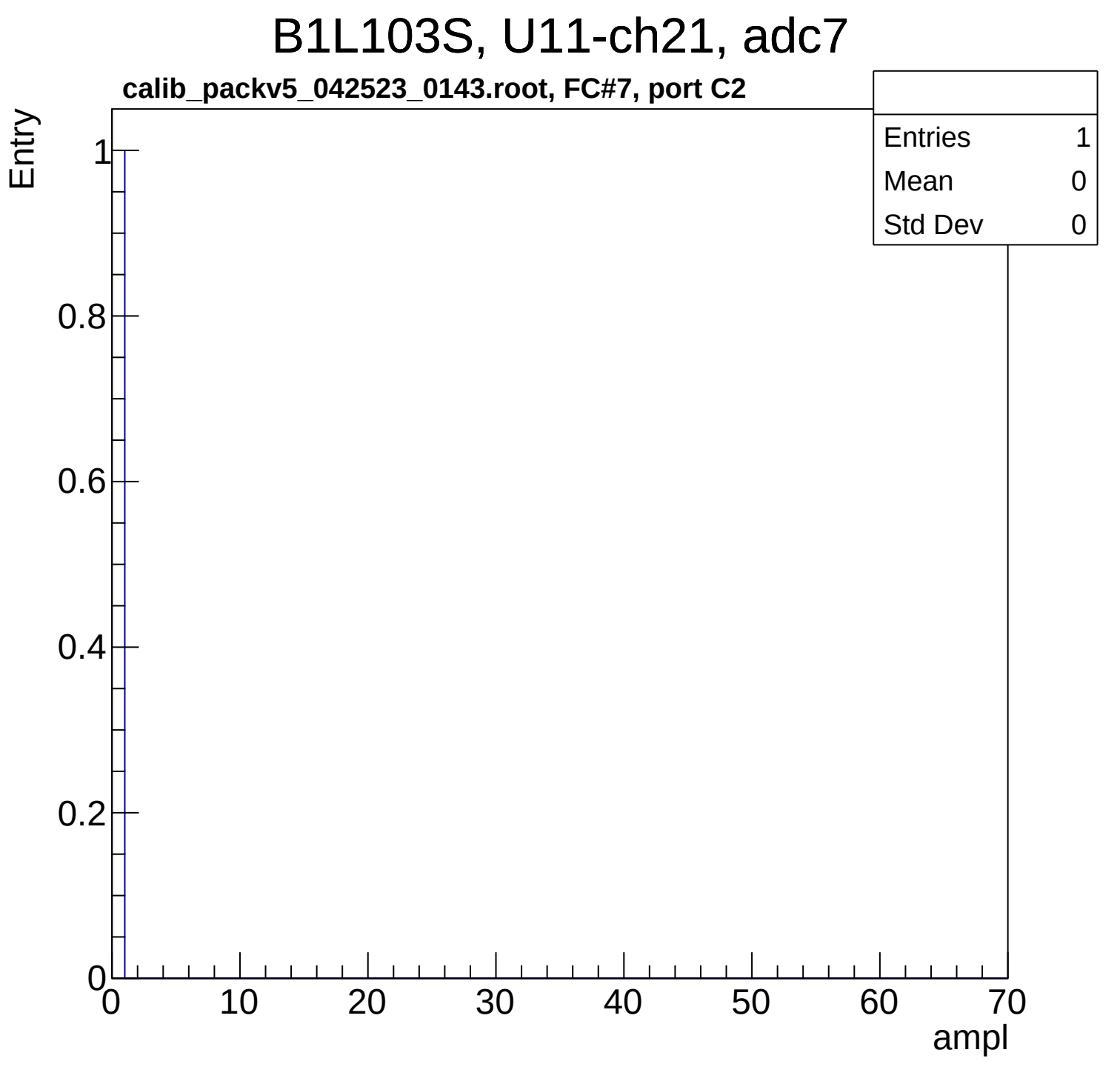

B1L103S, U11-ch21, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 45.17
Std Dev 3.711
Gaus mean : 45.7574
Gaus Width: 4.4824
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

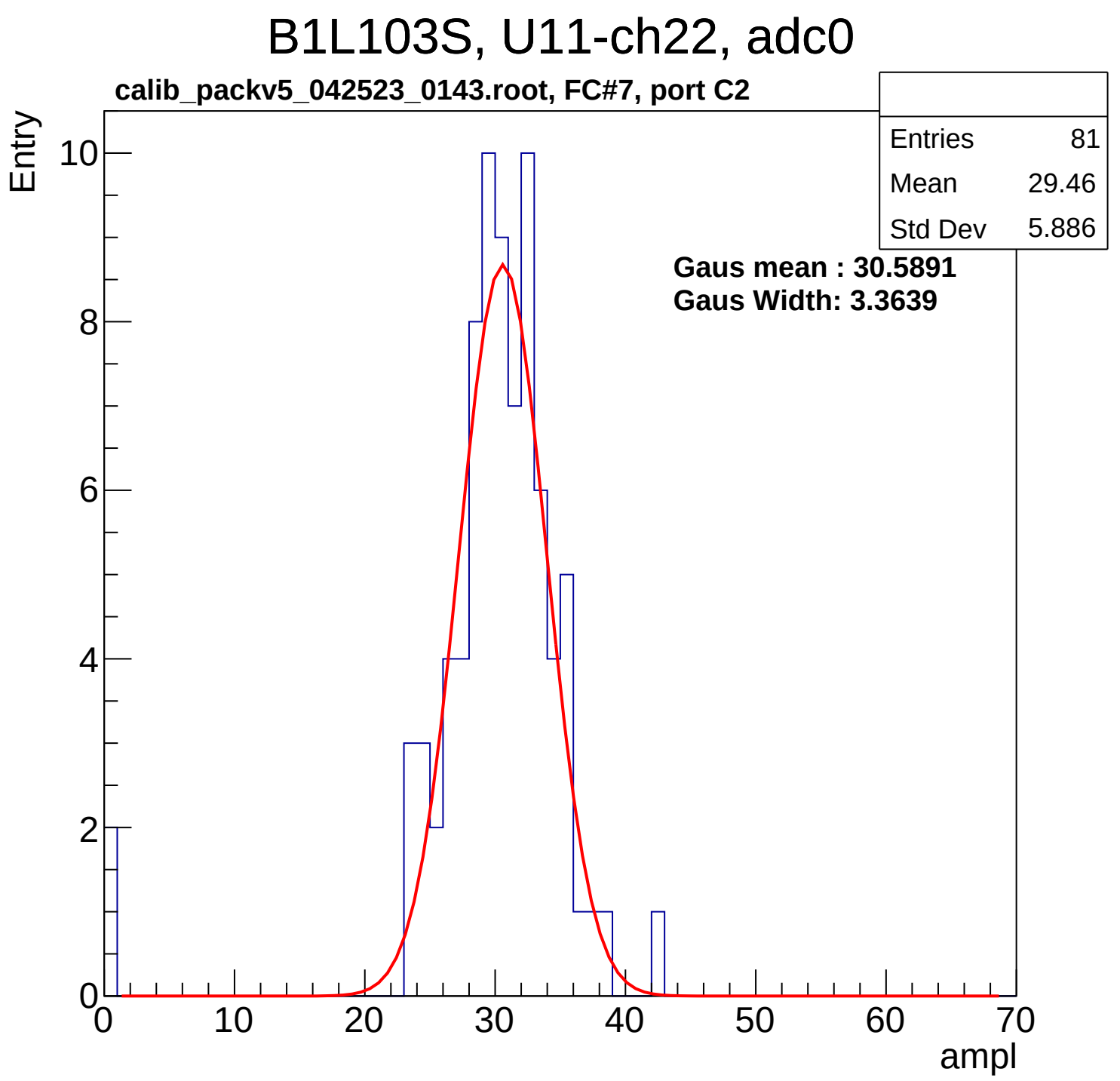

B1L103S, U11-ch21, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 51.03
Std Dev 3.244
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch21, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 56.18
Std Dev 8.422
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch21, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 35
Mean 60.86
Std Dev 1.606
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U11-ch21, adc6
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch21, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch22, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 81
Mean 29.46
Std Dev 5.886
Gaus mean : 30.5891
Gaus Width: 3.3639
Entry
ampl
0
2
4
6
8
10
0
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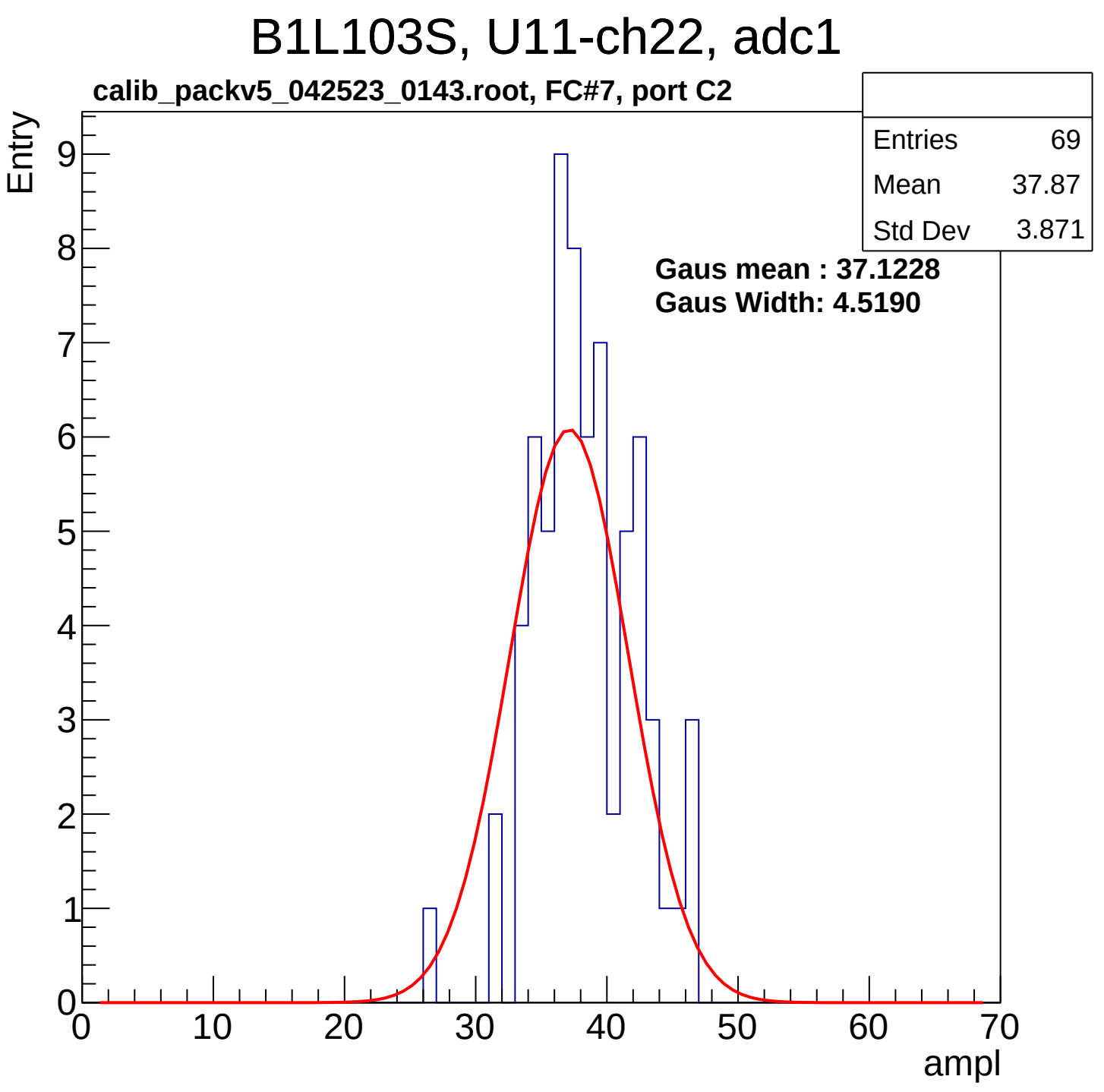
20
30
40
50
60
70


B1L103S, U11-ch22, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 37.87
Std Dev 3.871
Gaus mean : 37.1228
Gaus Width: 4.5190
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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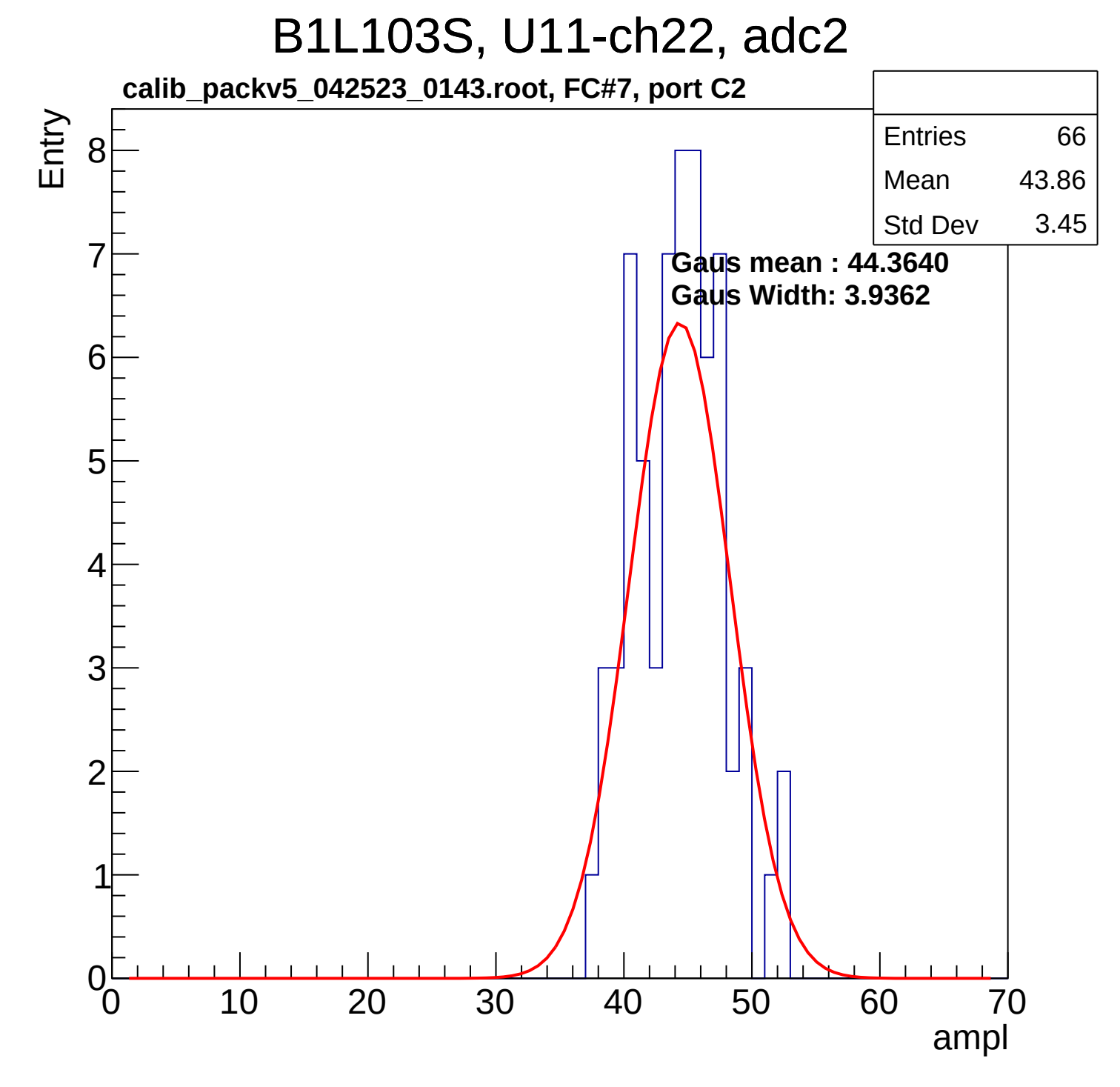
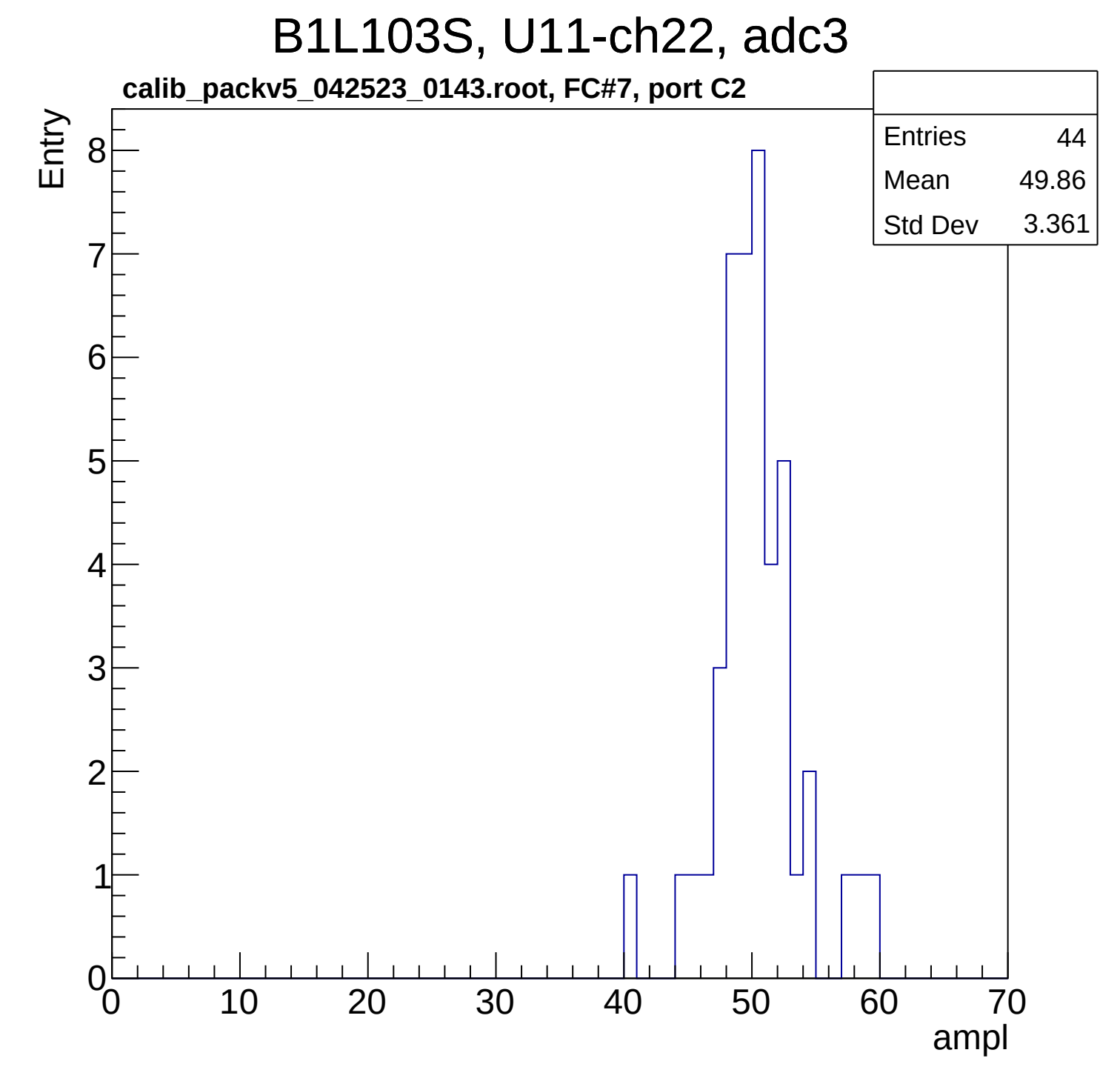

B1L103S, U11-ch22, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 43.86
Std Dev 3.45
Gaus mean : 44.3640
Gaus Width: 3.9362
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch22, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 44
Mean 49.86
Std Dev 3.361
Entry
ampl
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1
2
3
4
5
6
7
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0
10
20
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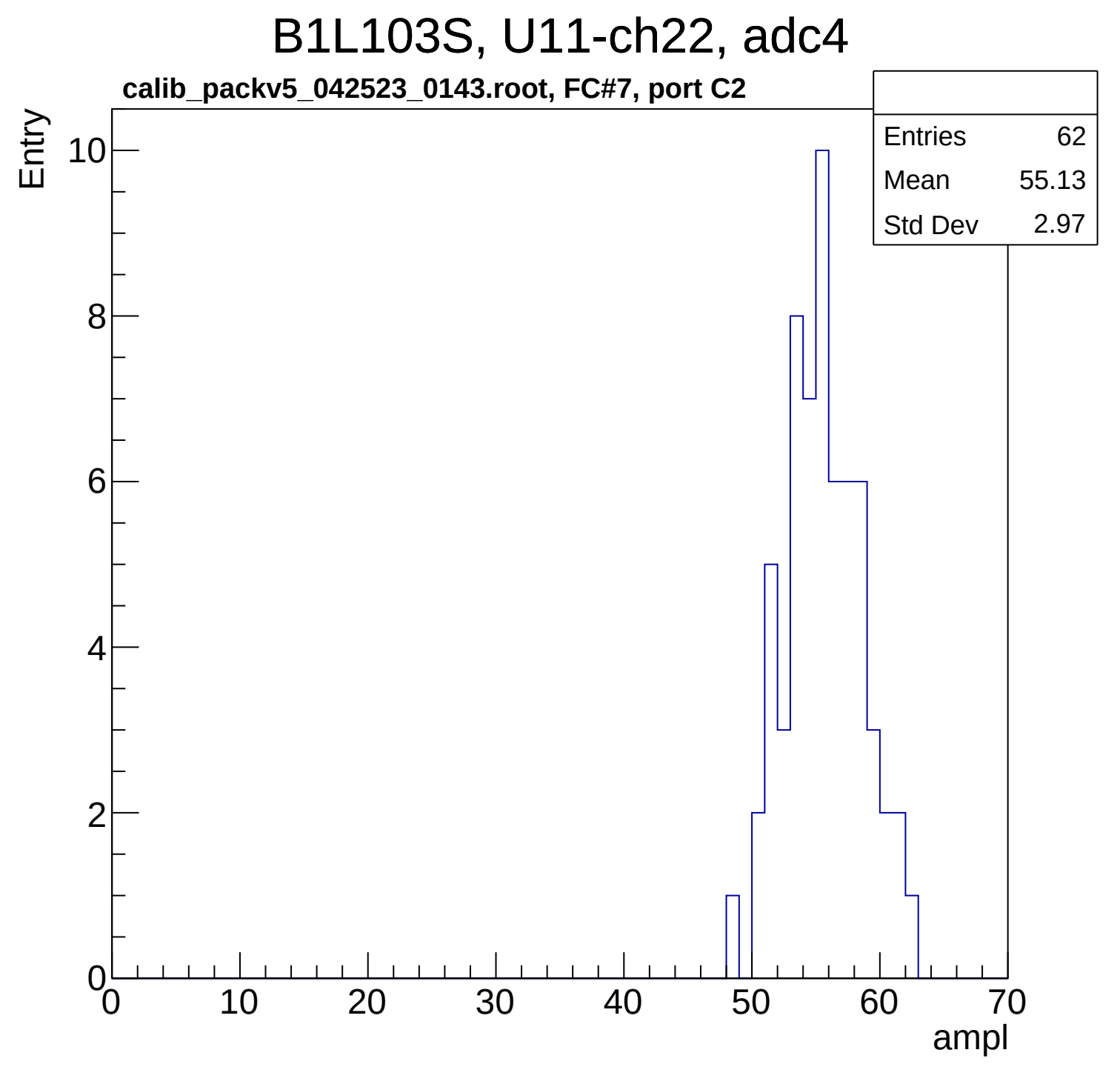
40
50
60
70


B1L103S, U11-ch22, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 55.13
Std Dev 2.97
Entry
ampl
0
2
4
6
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0
10
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40
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60
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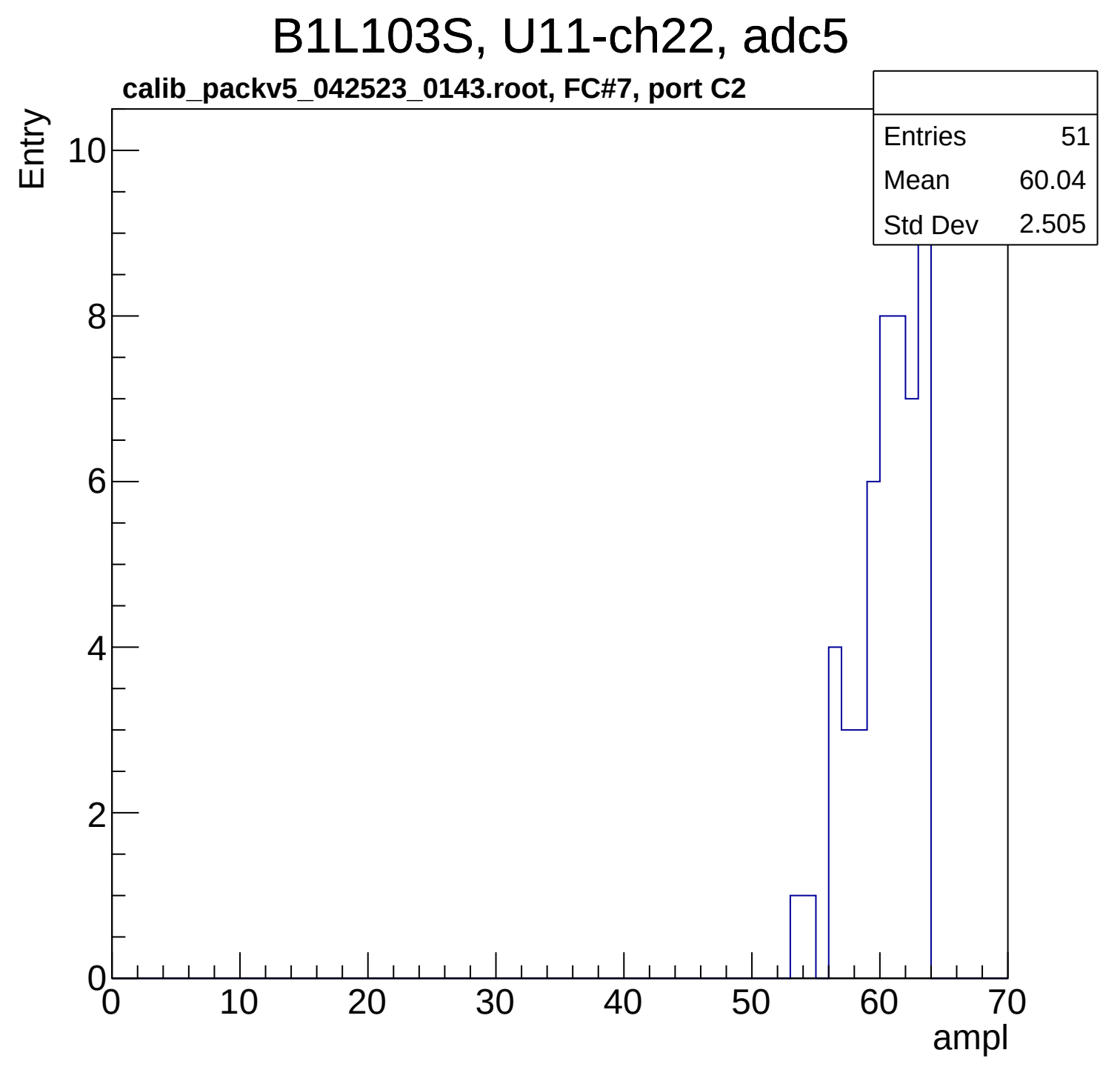
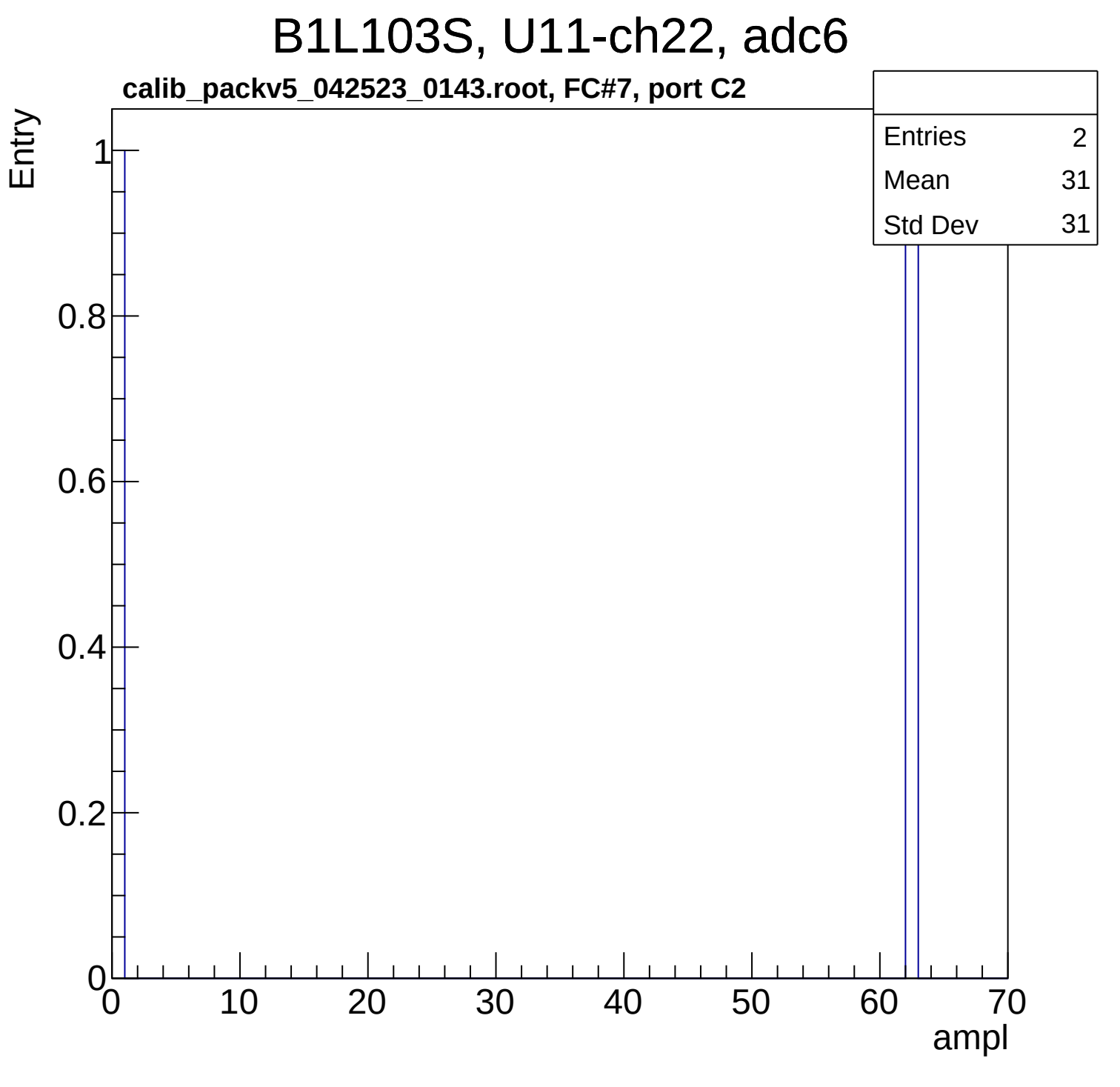

B1L103S, U11-ch22, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 60.04
Std Dev 2.505
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch22, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 31
Std Dev 31
Entry
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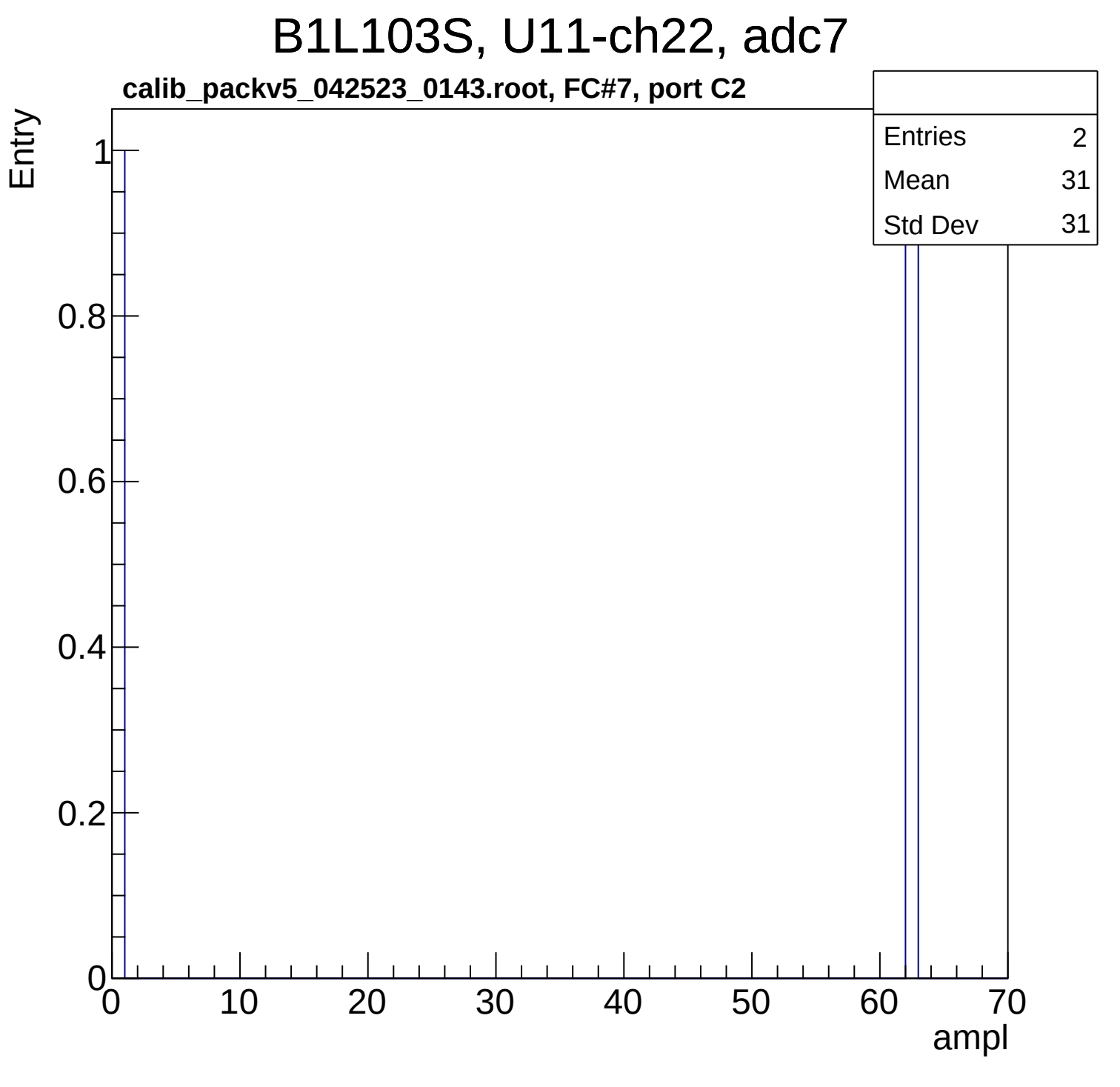
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch22, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 31
Std Dev 31
Entry
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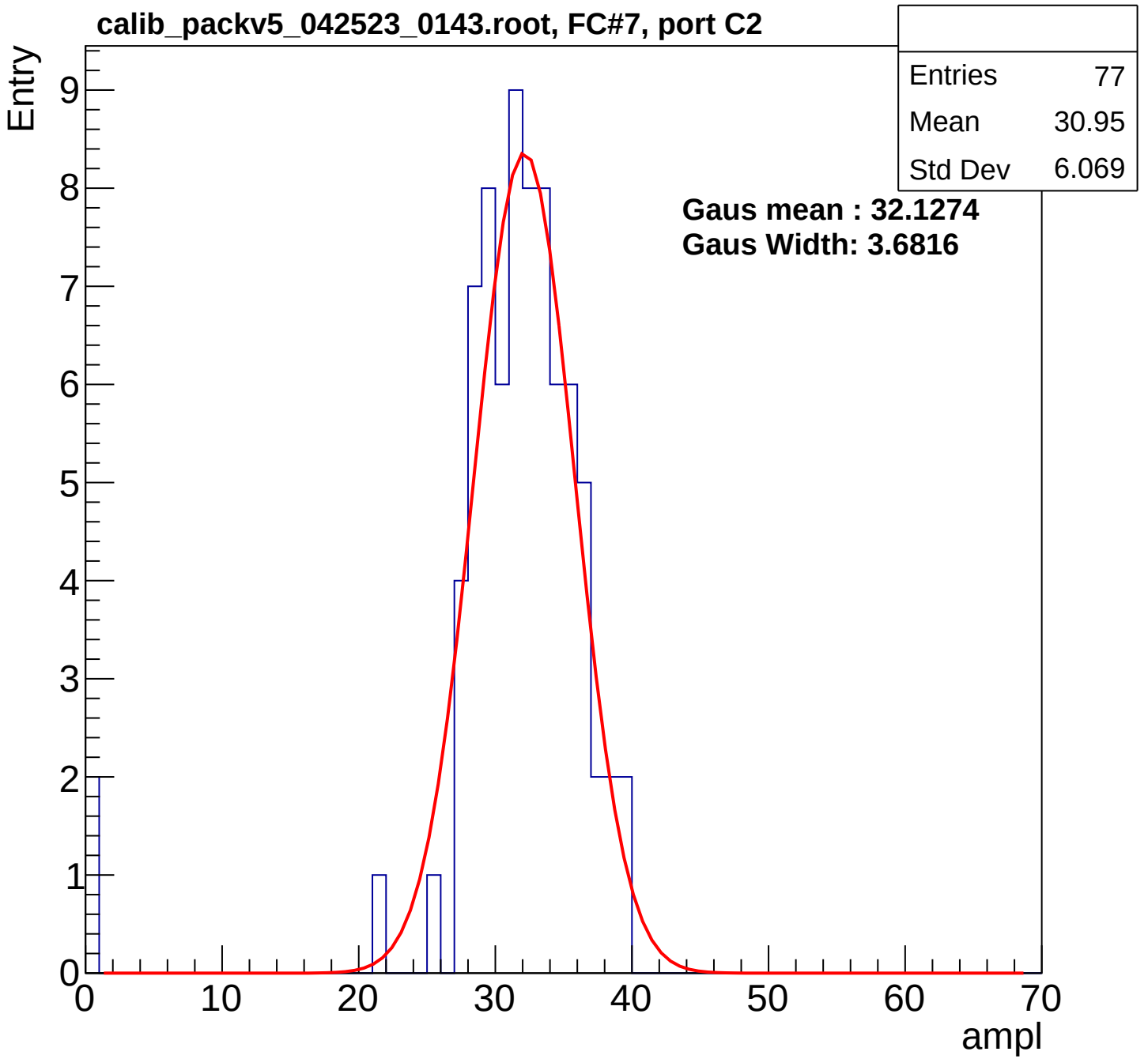
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch23, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 77
Mean 30.95
Std Dev 6.069
Gaus mean : 32.1274
Gaus Width: 3.6816
Entry
ampl
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2
3
4
5
6
7
8
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0
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40
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60
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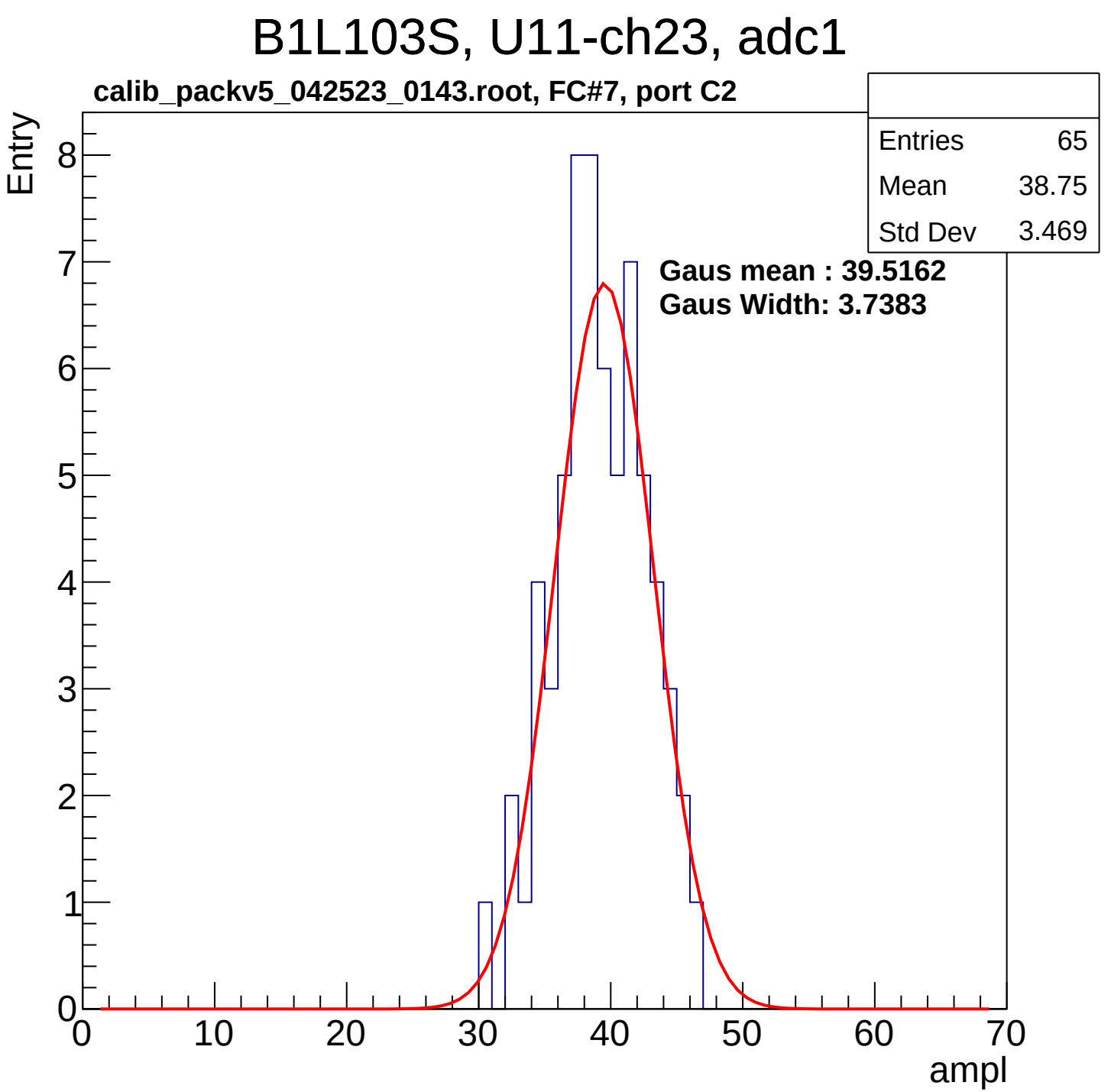
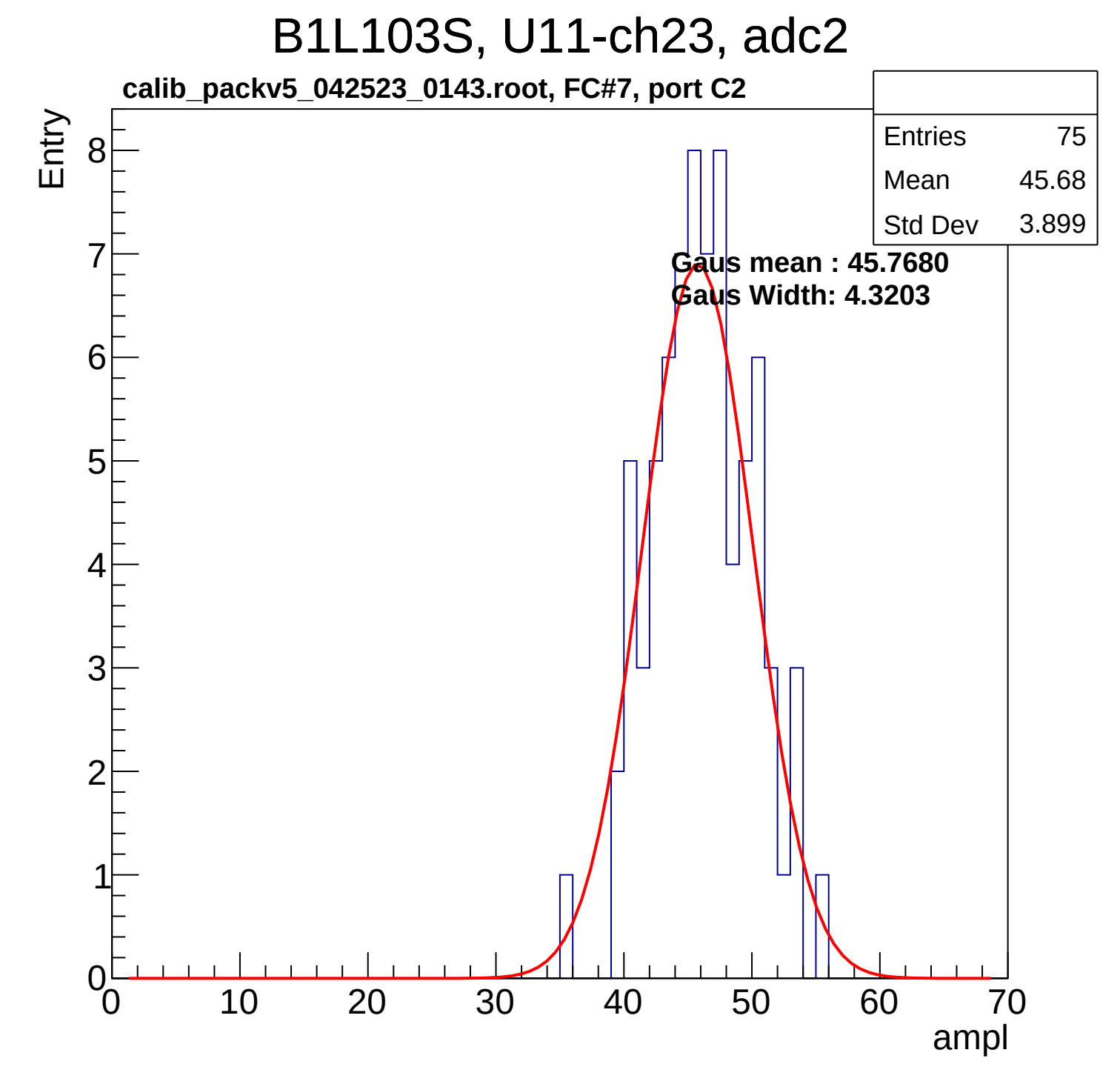

B1L103S, U11-ch23, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 38.75
Std Dev 3.469
Gaus mean : 39.5162
Gaus Width: 3.7383
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch23, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 75
Mean 45.68
Std Dev 3.899
Gaus mean : 45.7680
Gaus Width: 4.3203
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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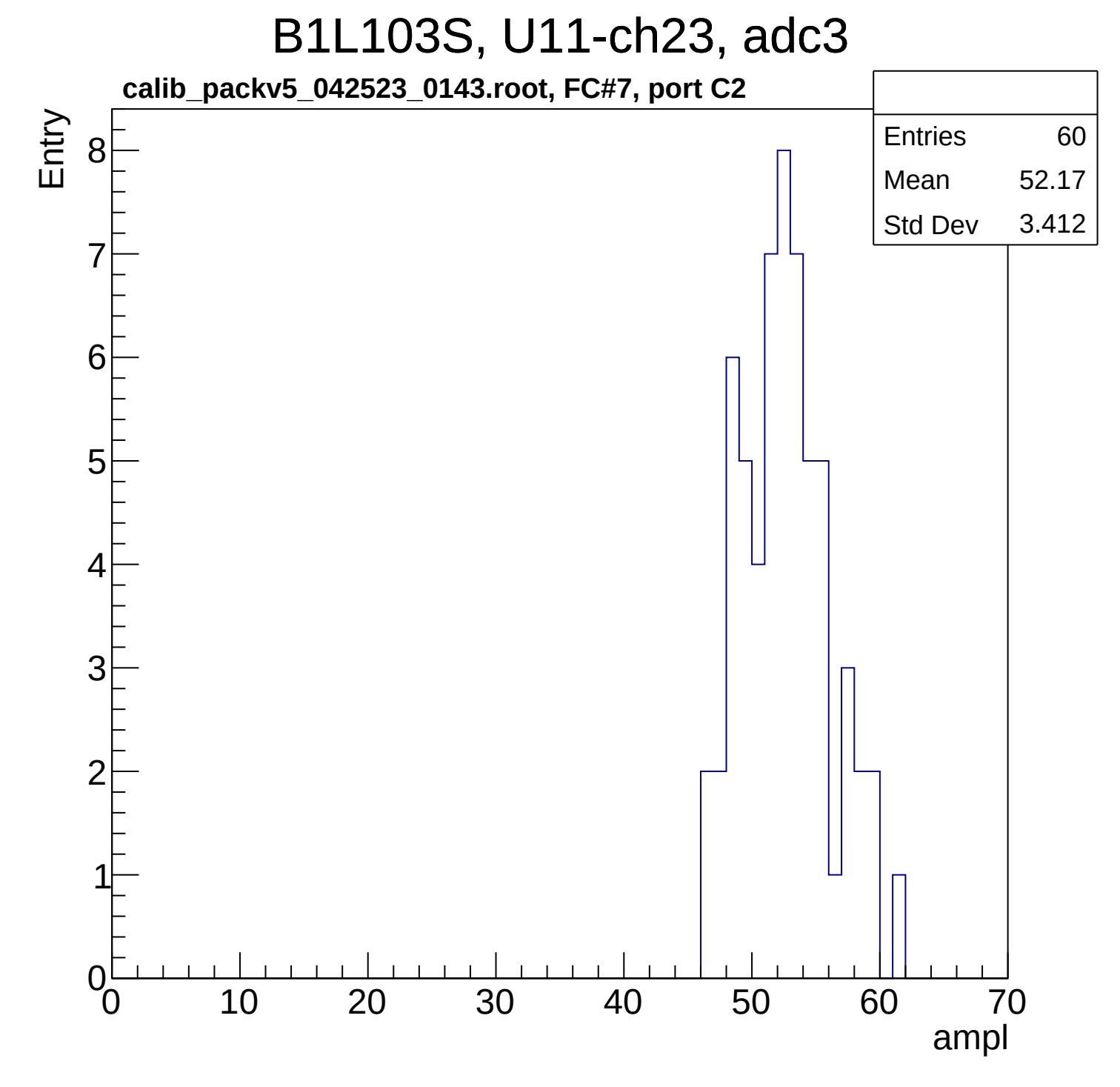
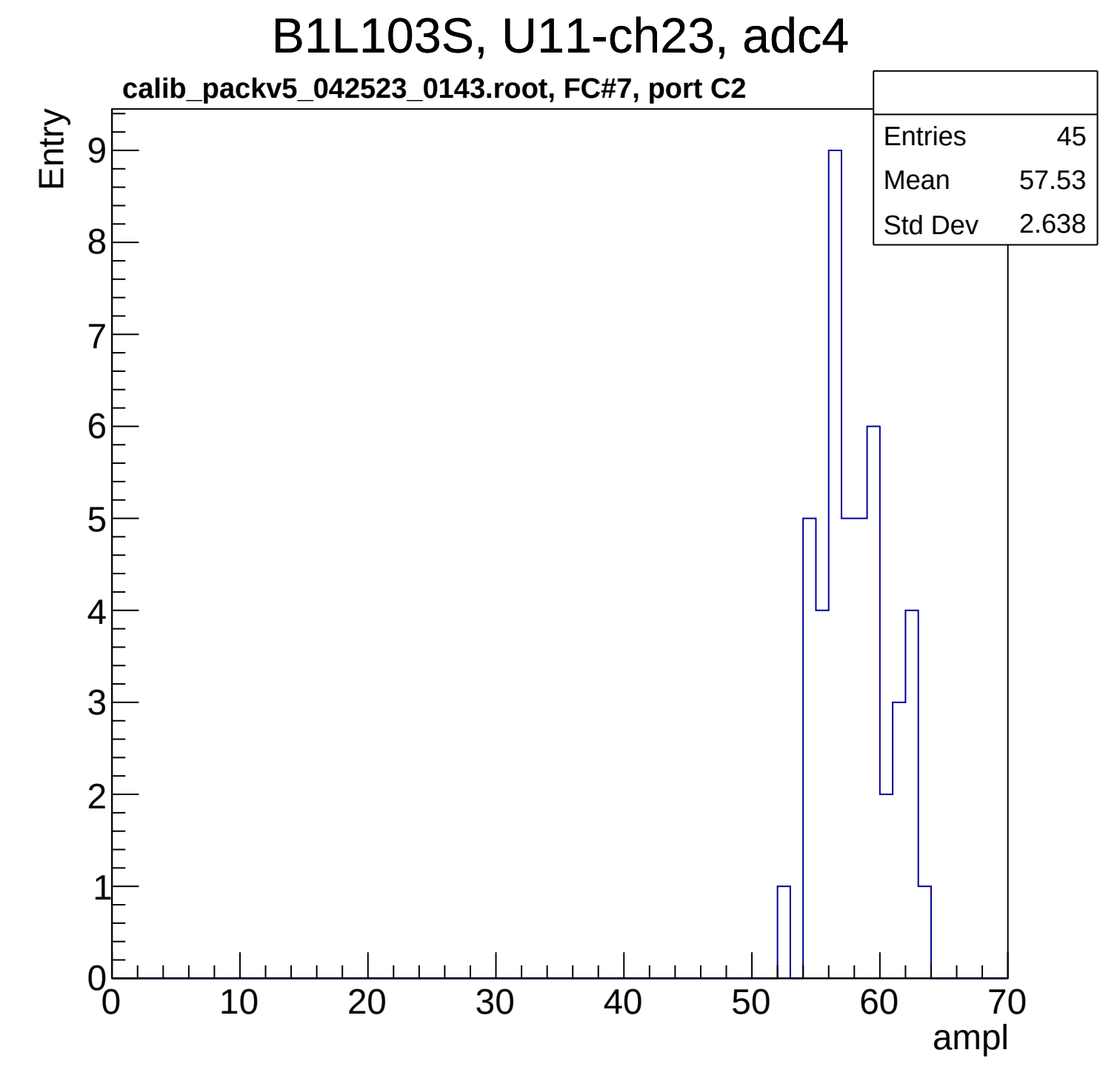
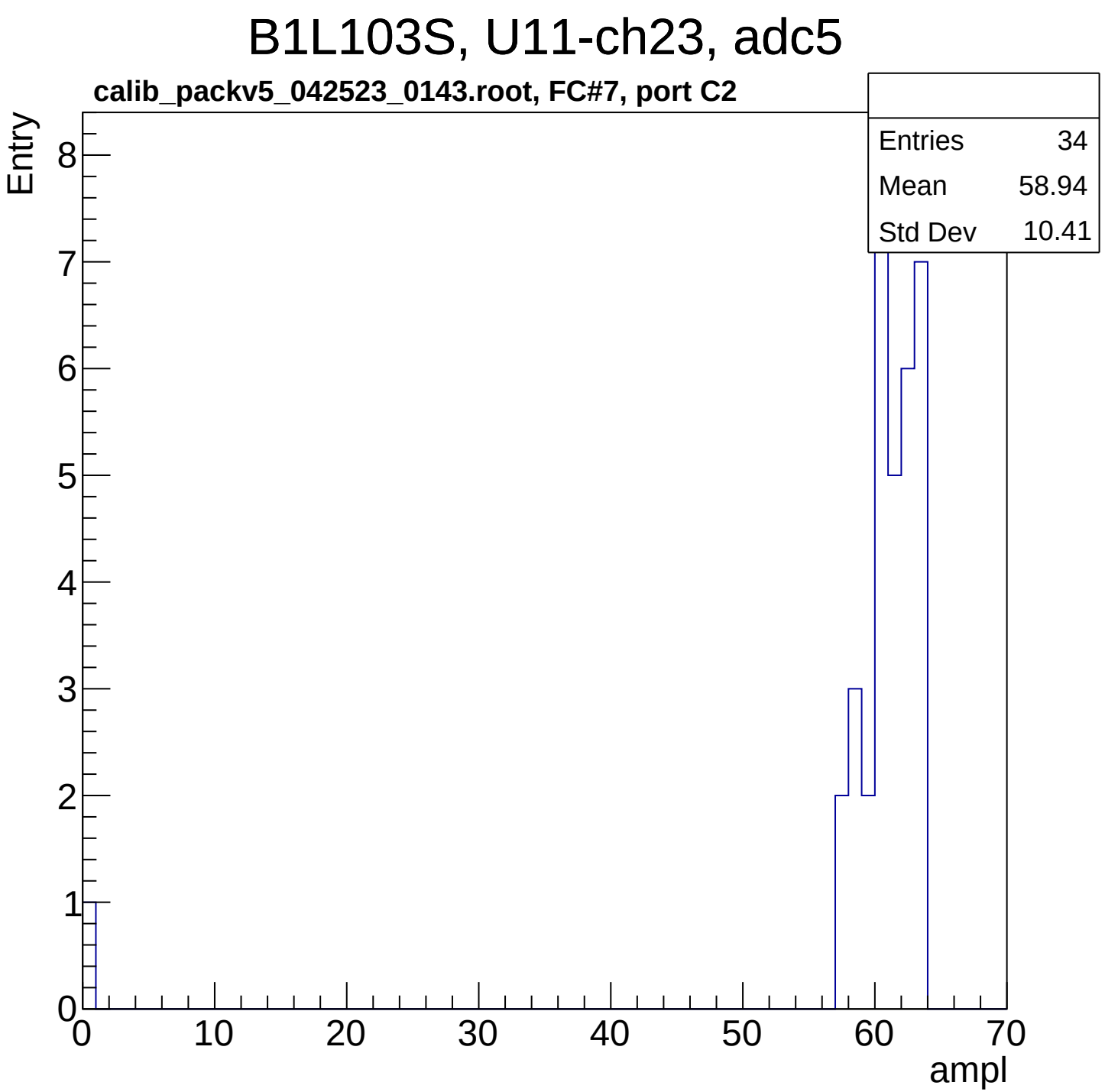
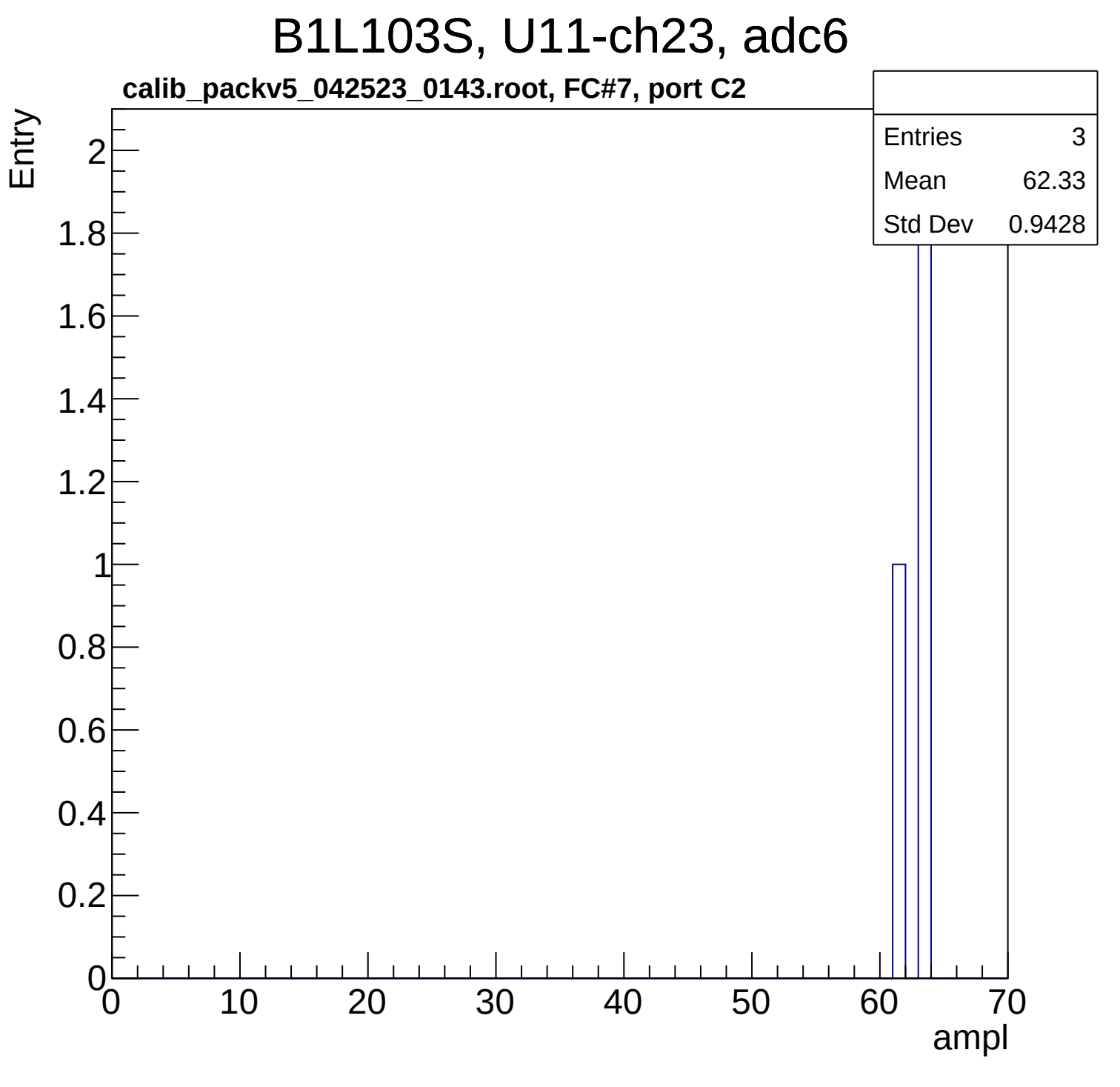
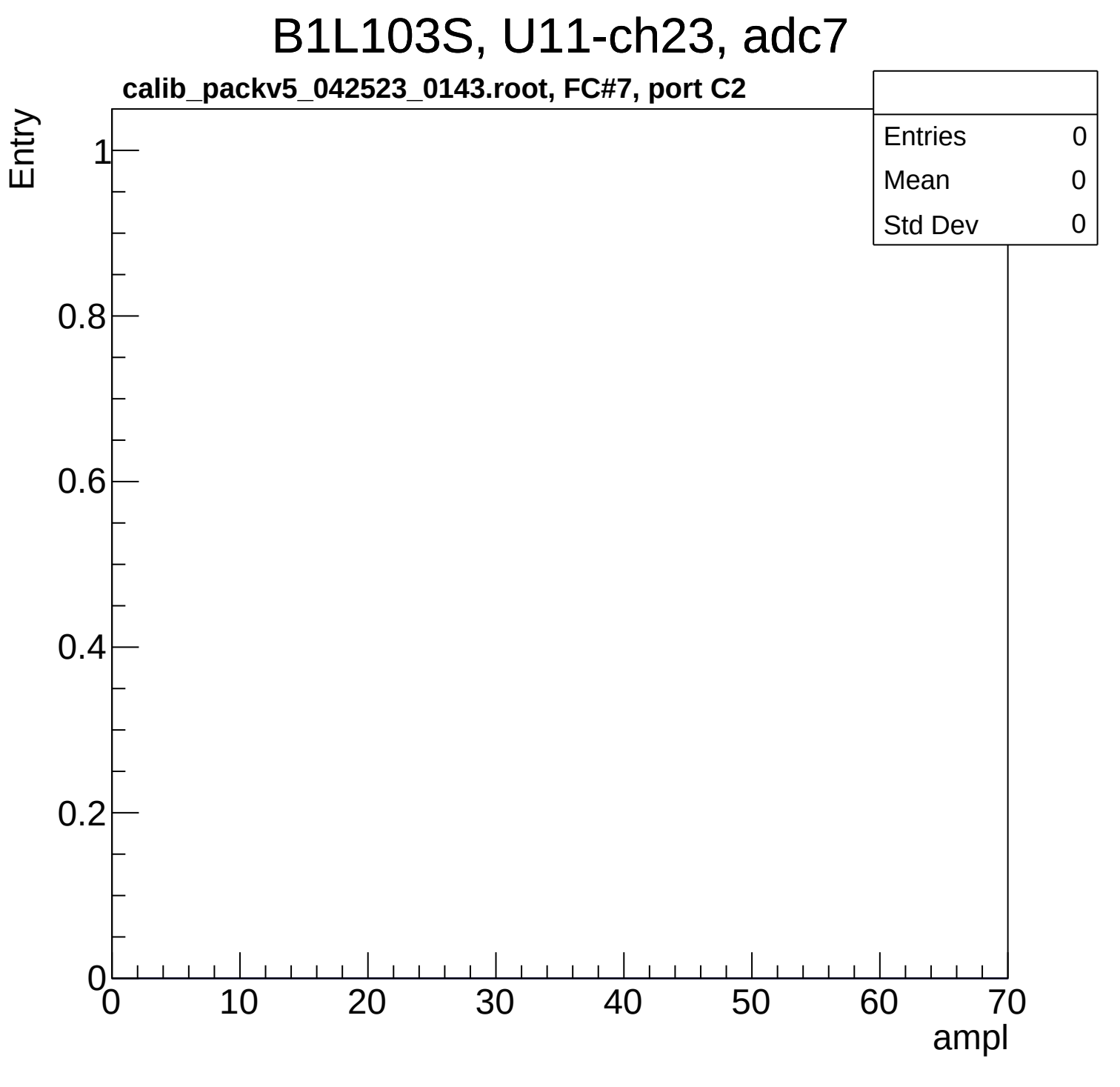
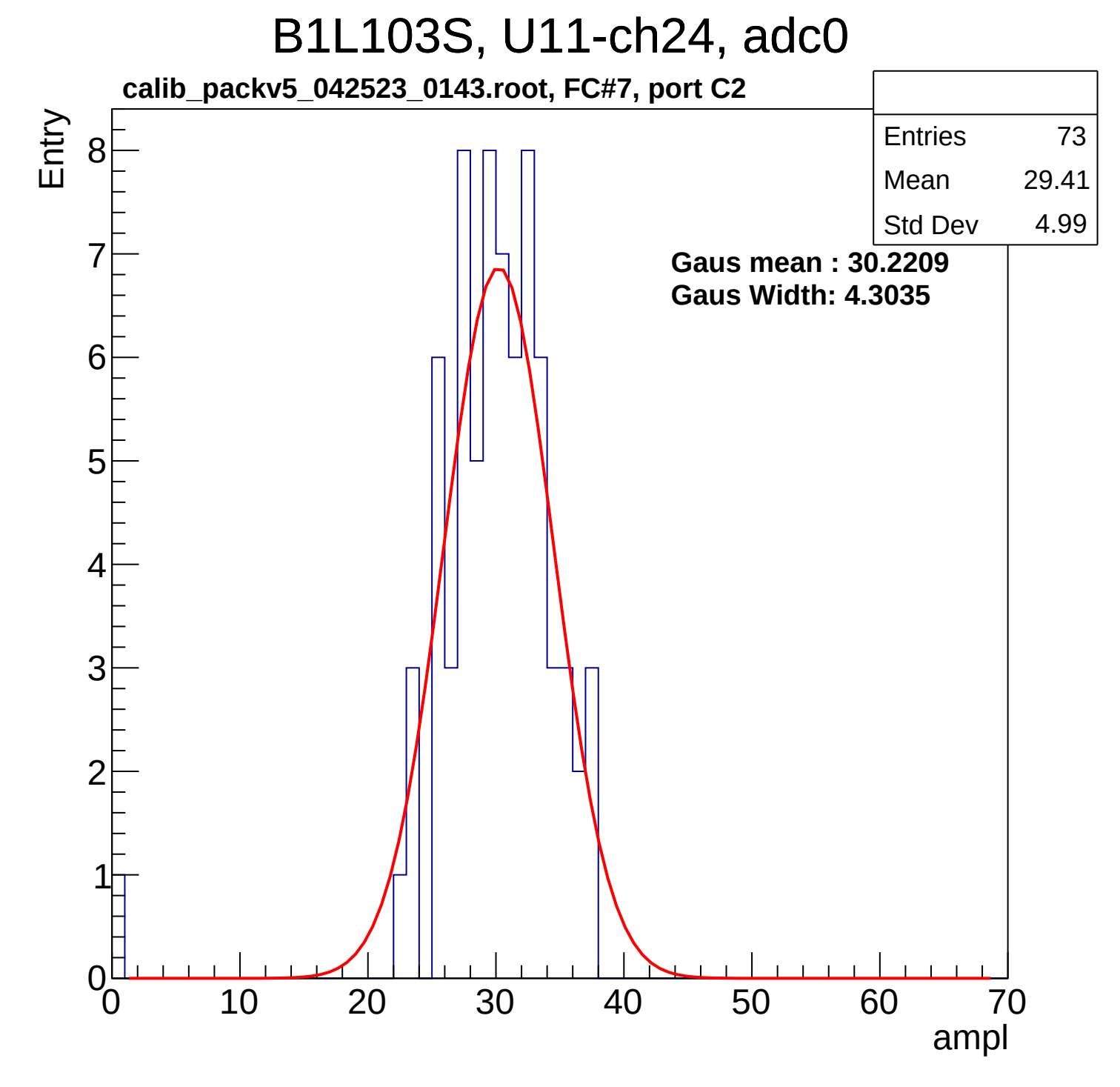

B1L103S, U11-ch23, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 52.17
Std Dev 3.412
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

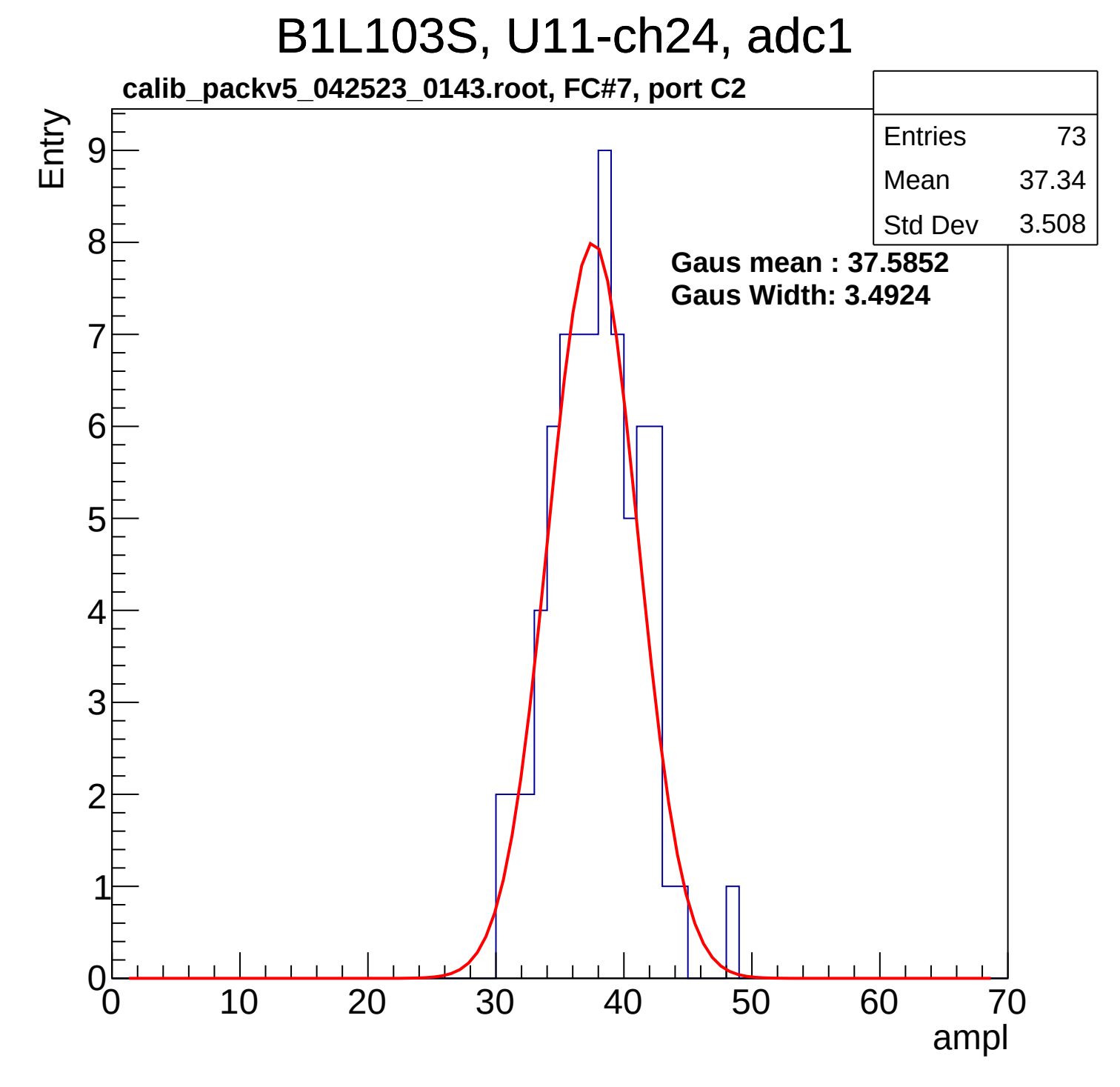

B1L103S, U11-ch23, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 45
Mean 57.53
Std Dev 2.638
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

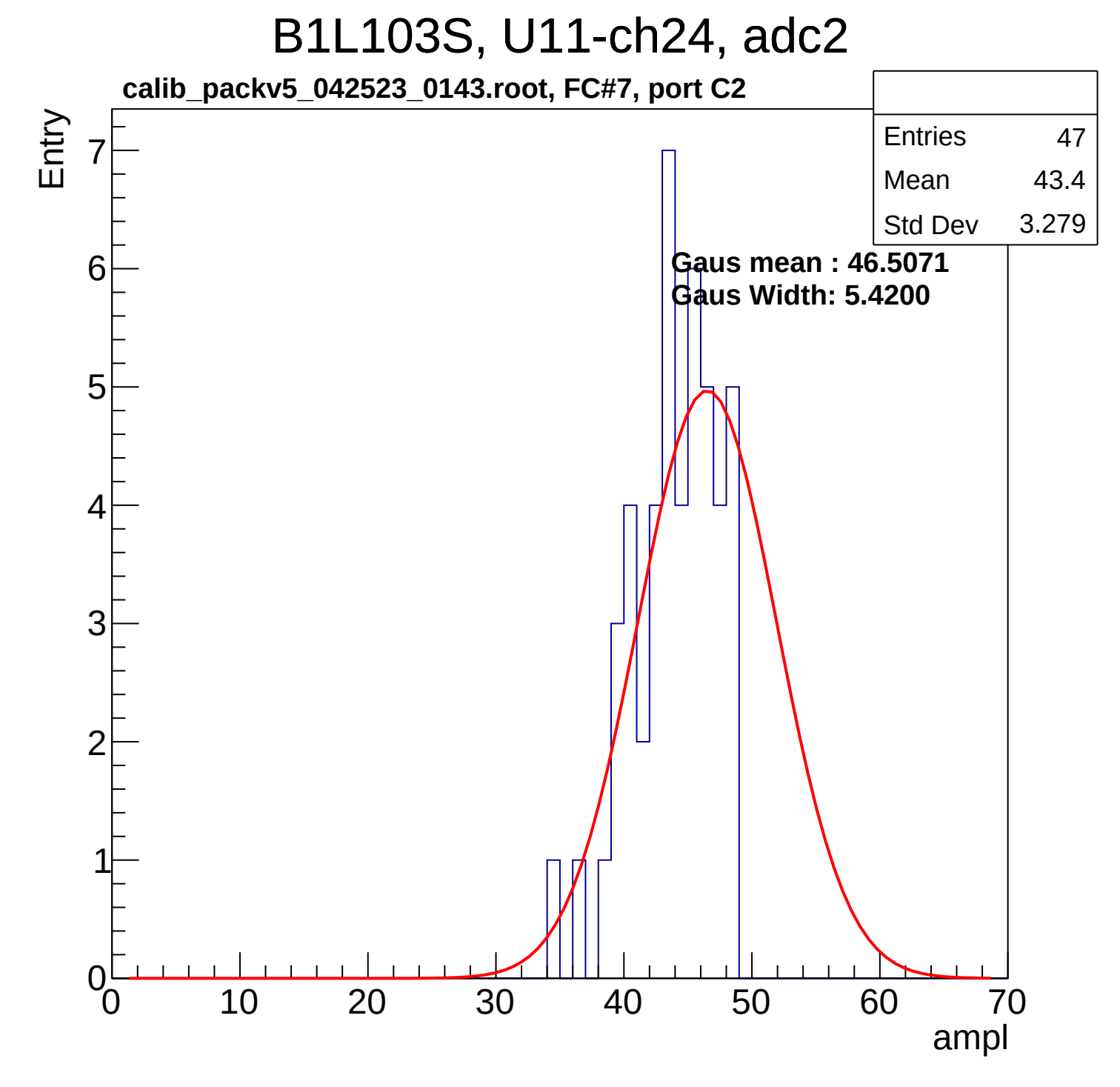

B1L103S, U11-ch23, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 34
Mean 58.94
Std Dev 10.41
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

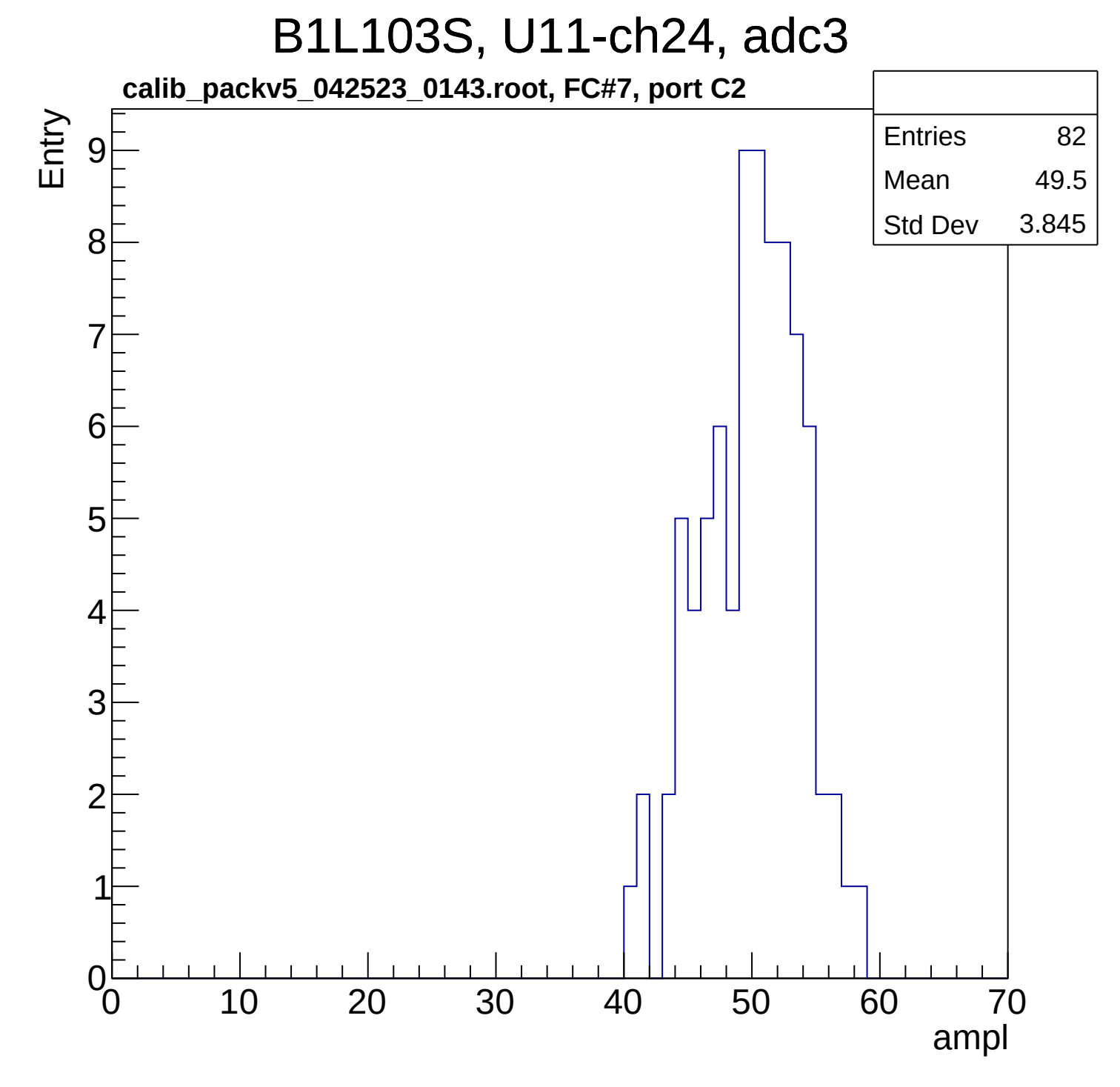

B1L103S, U11-ch23, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 62.33
Std Dev 0.9428
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

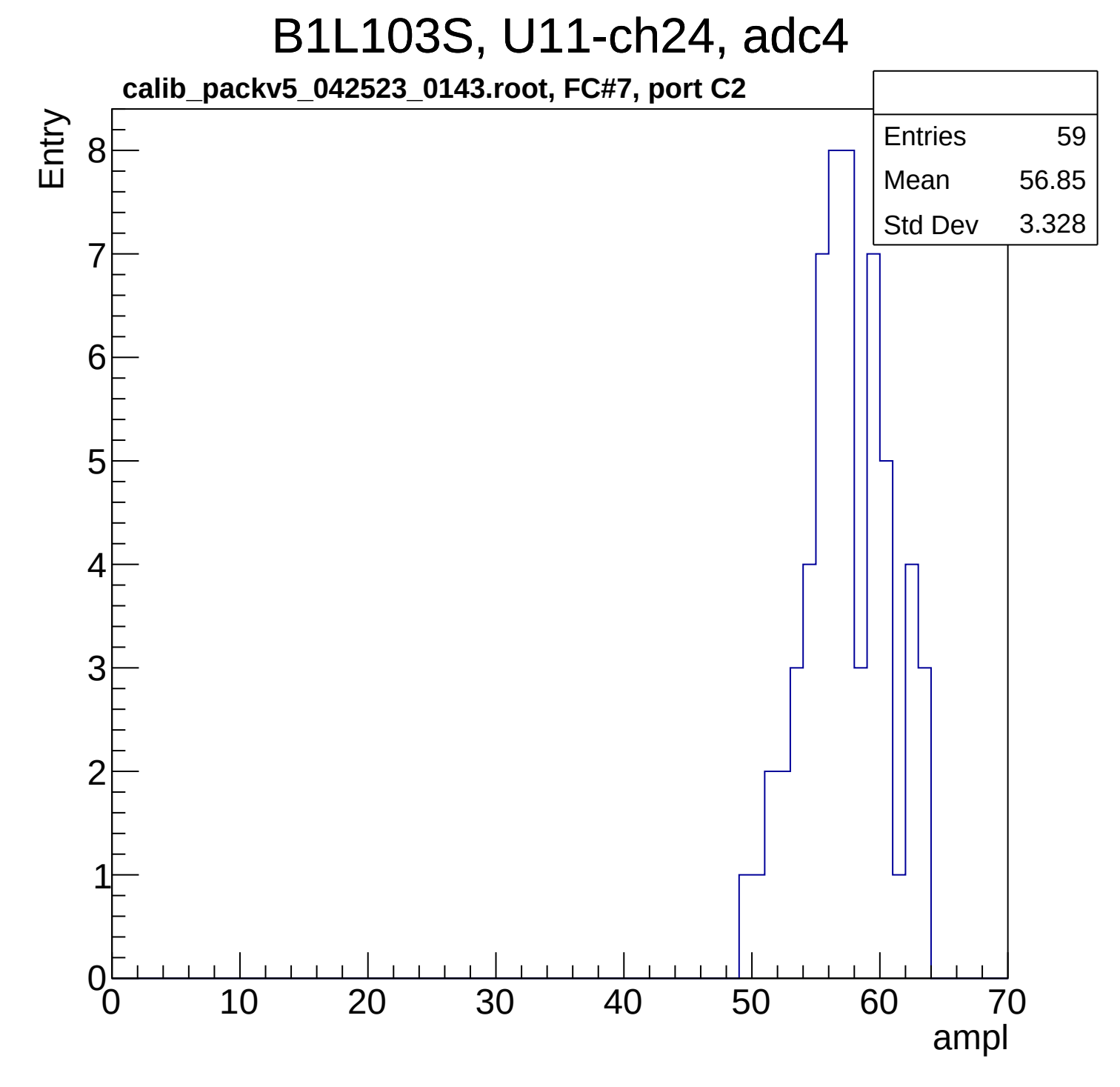

B1L103S, U11-ch23, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch24, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 29.41
Std Dev 4.99
Gaus mean : 30.2209
Gaus Width: 4.3035
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch24, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 37.34
Std Dev 3.508
Gaus mean : 37.5852
Gaus Width: 3.4924
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch24, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 47
Mean 43.4
Std Dev 3.279
Gaus mean : 46.5071
Gaus Width: 5.4200
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U11-ch24, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 82
Mean 49.5
Std Dev 3.845
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch24, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 56.85
Std Dev 3.328
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
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60
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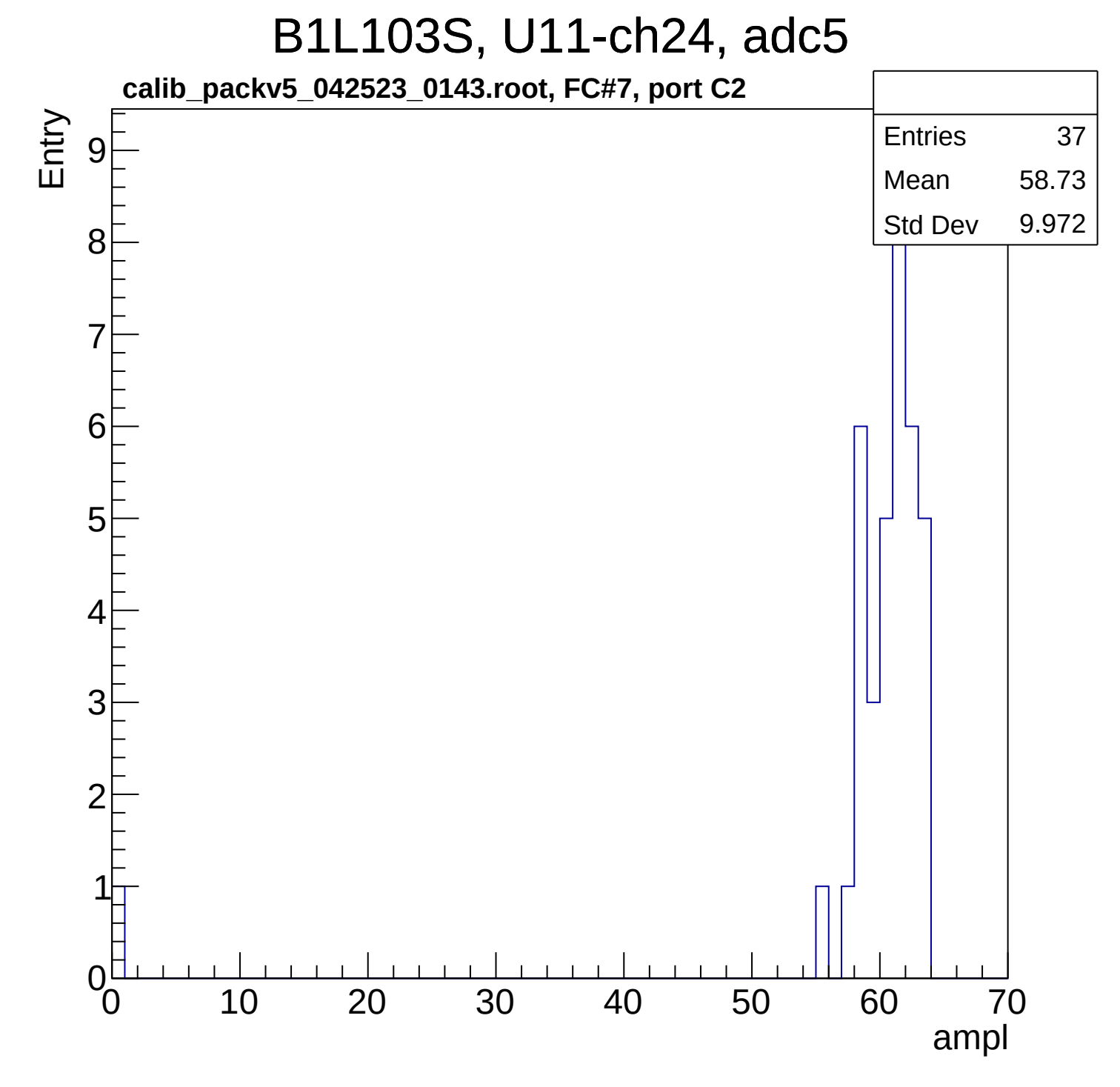
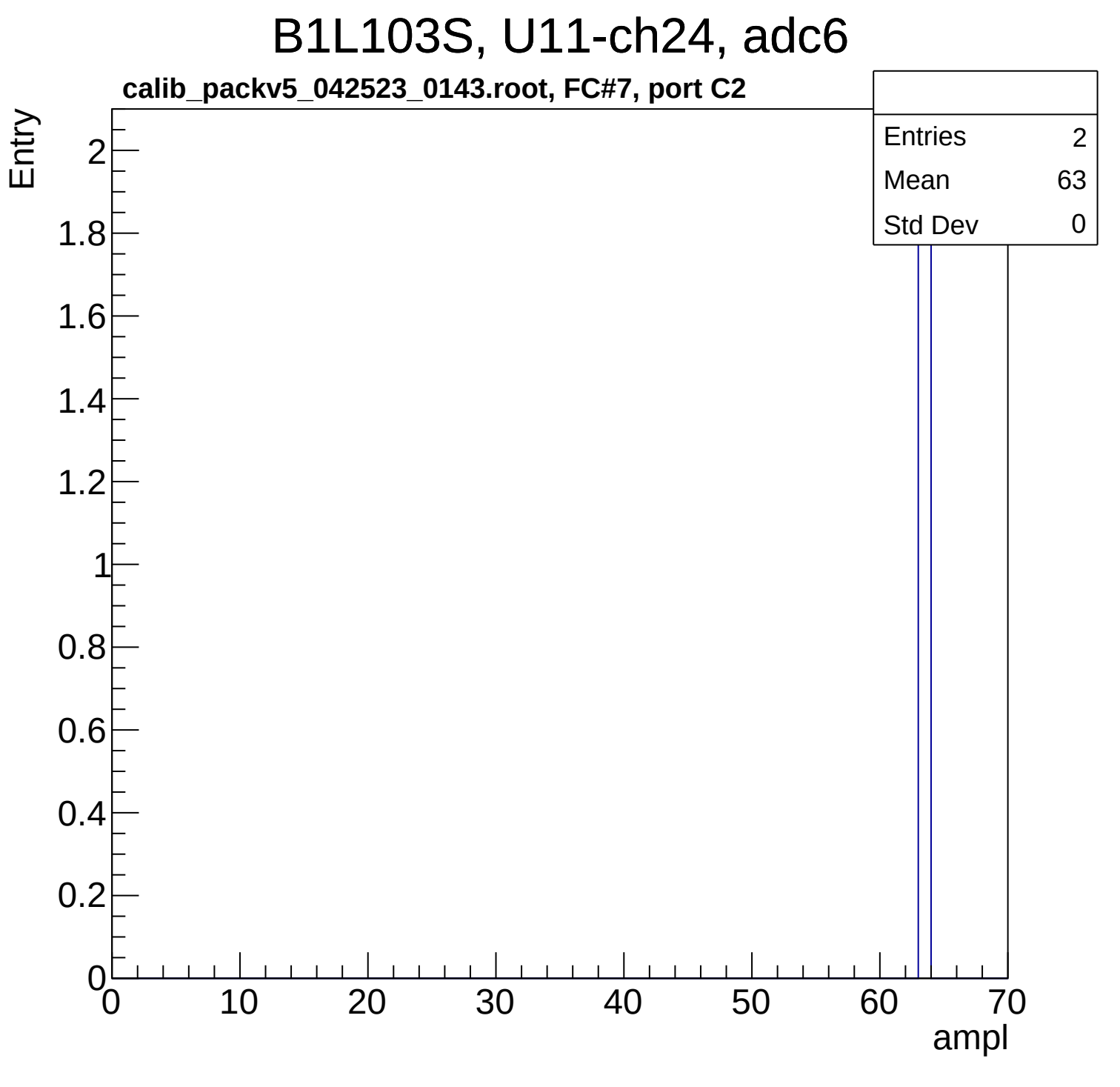
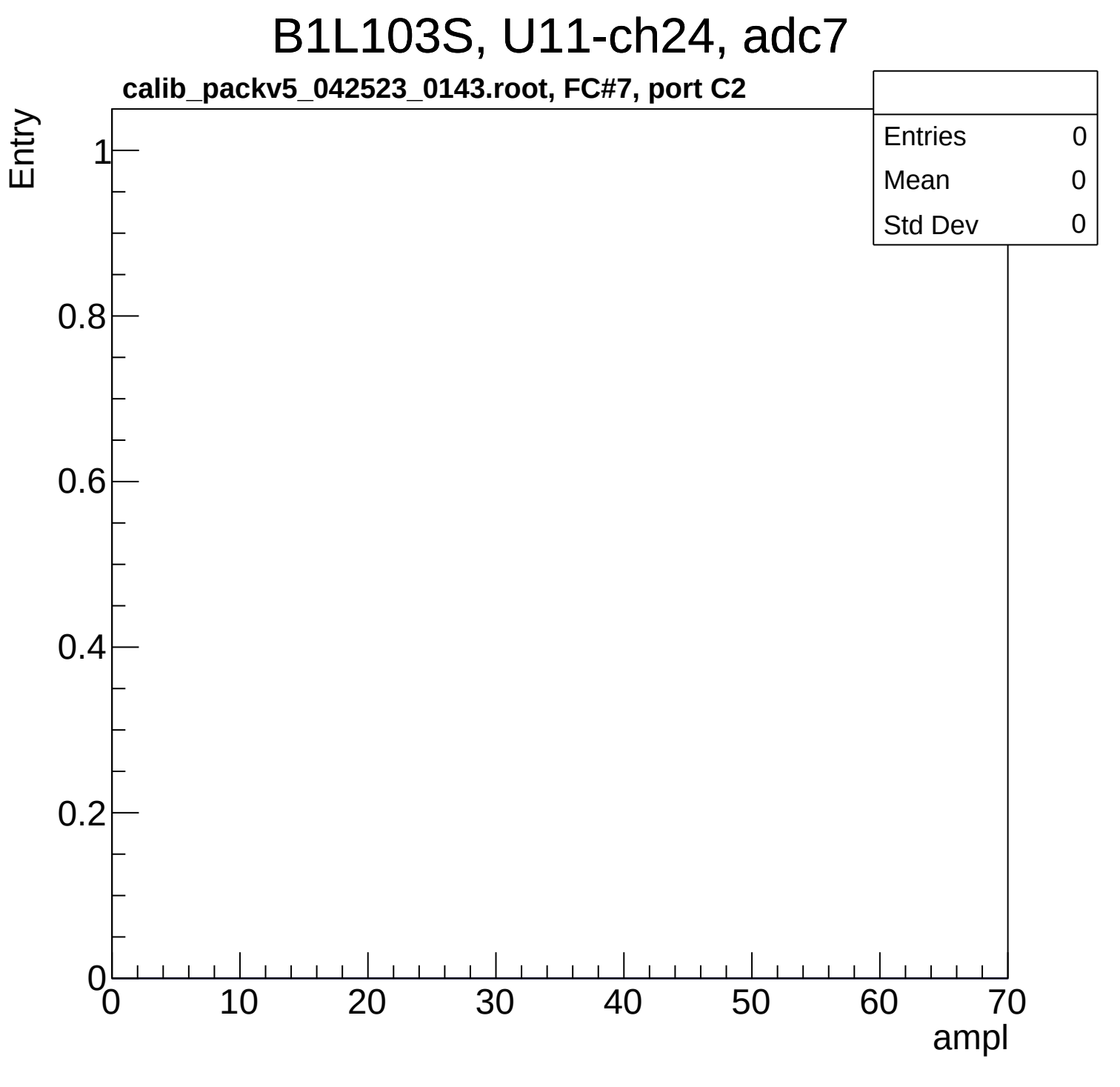
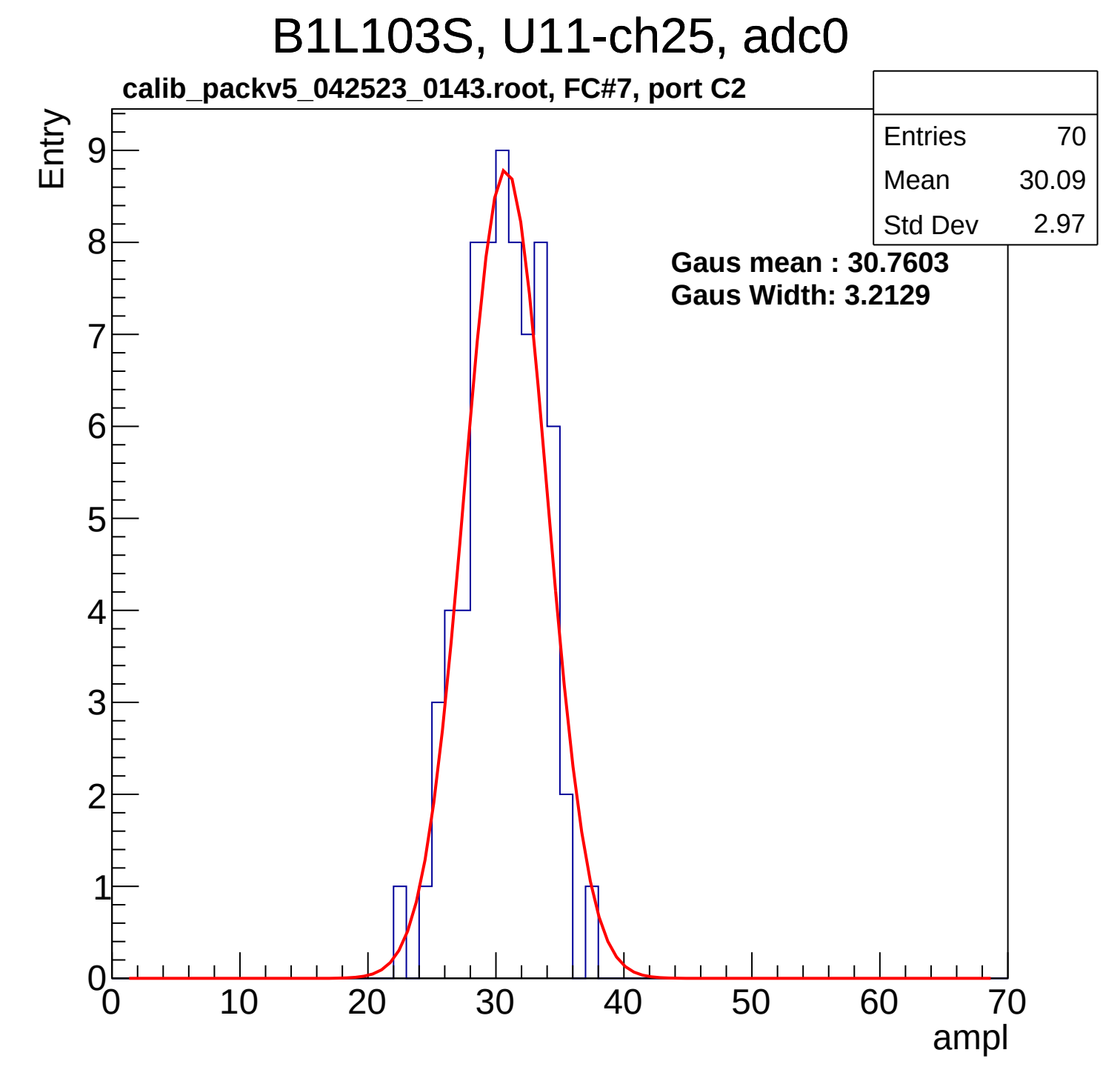
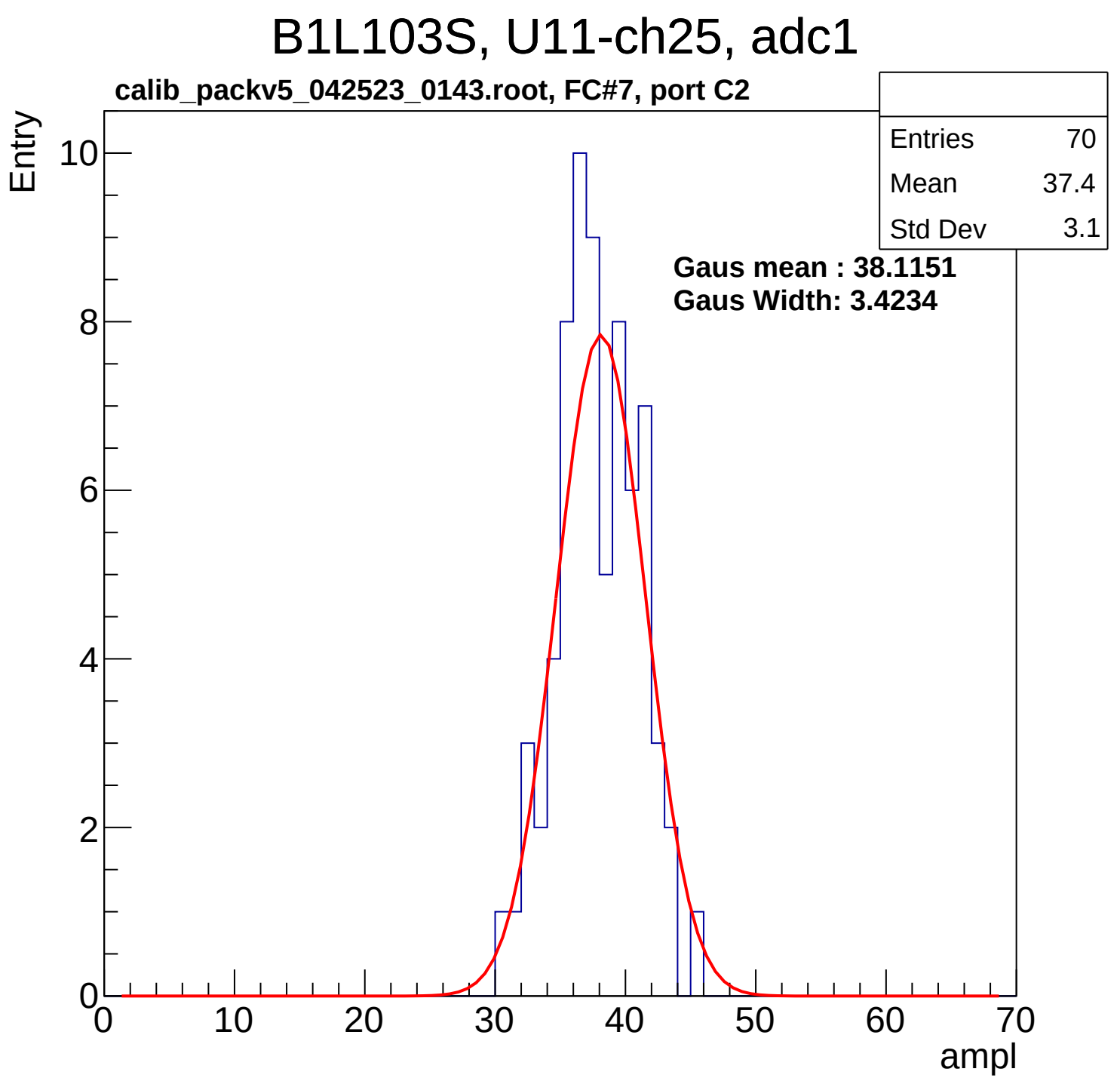
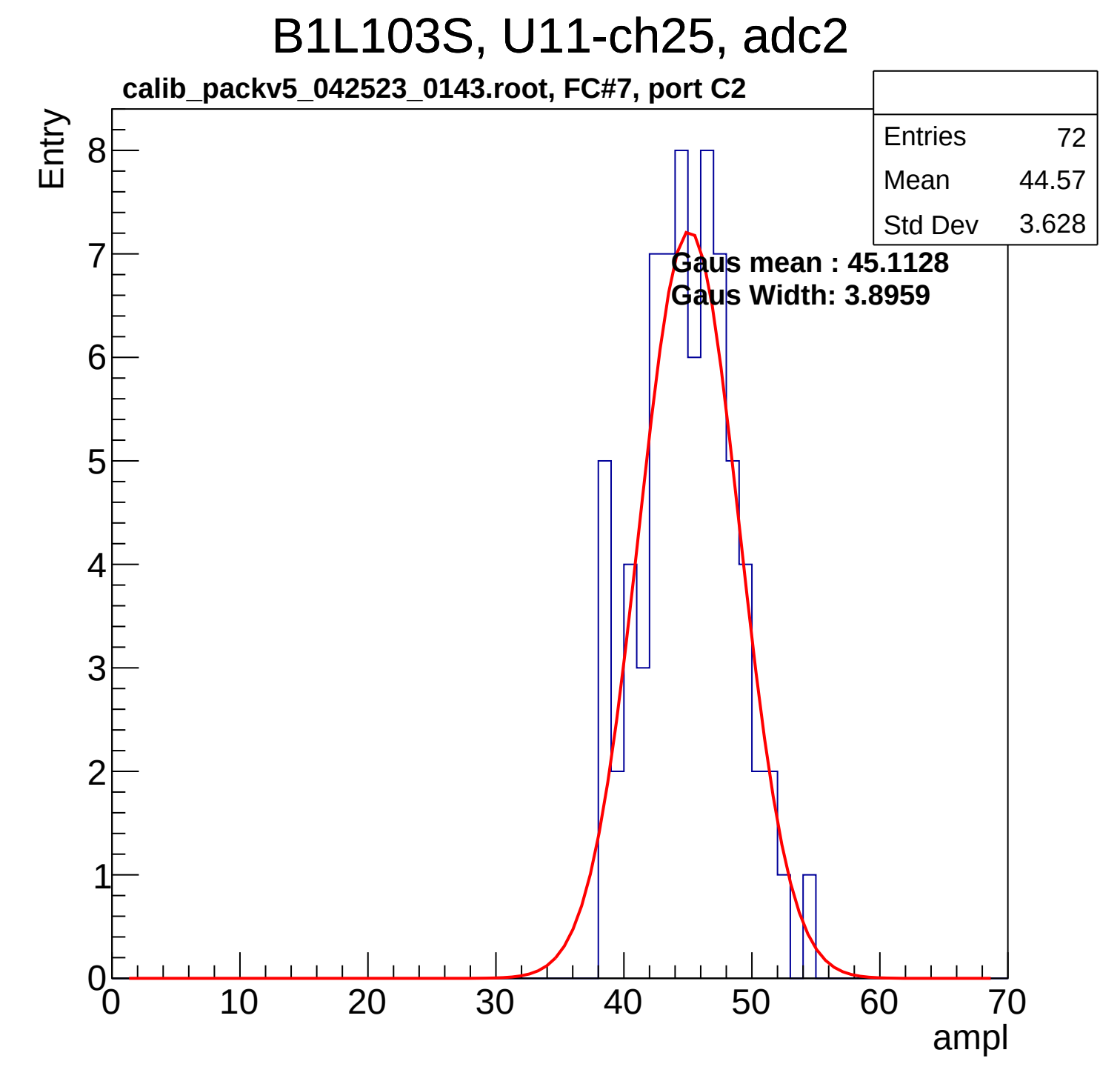

B1L103S, U11-ch24, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 37
Mean 58.73
Std Dev 9.972
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

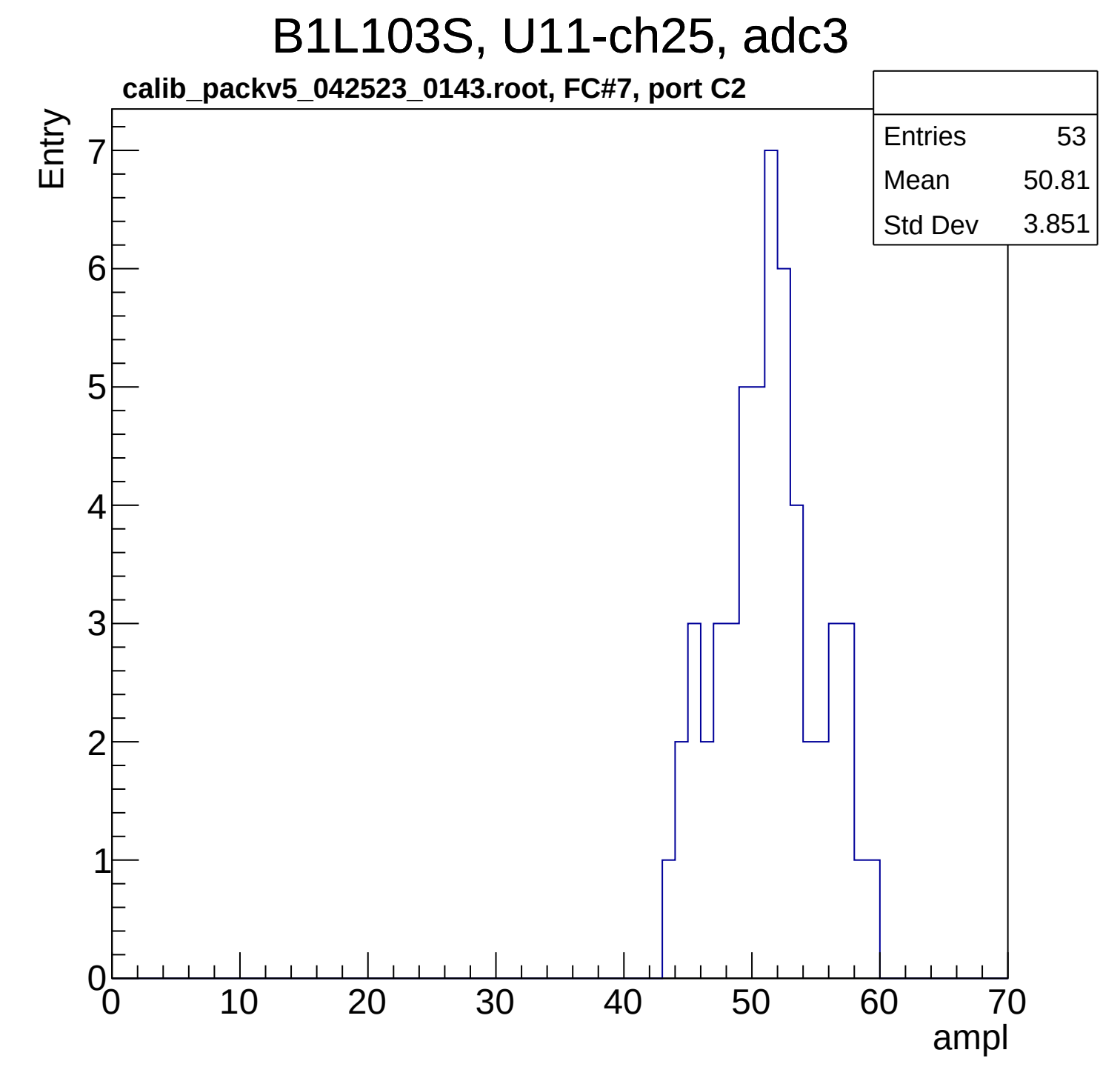

B1L103S, U11-ch24, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

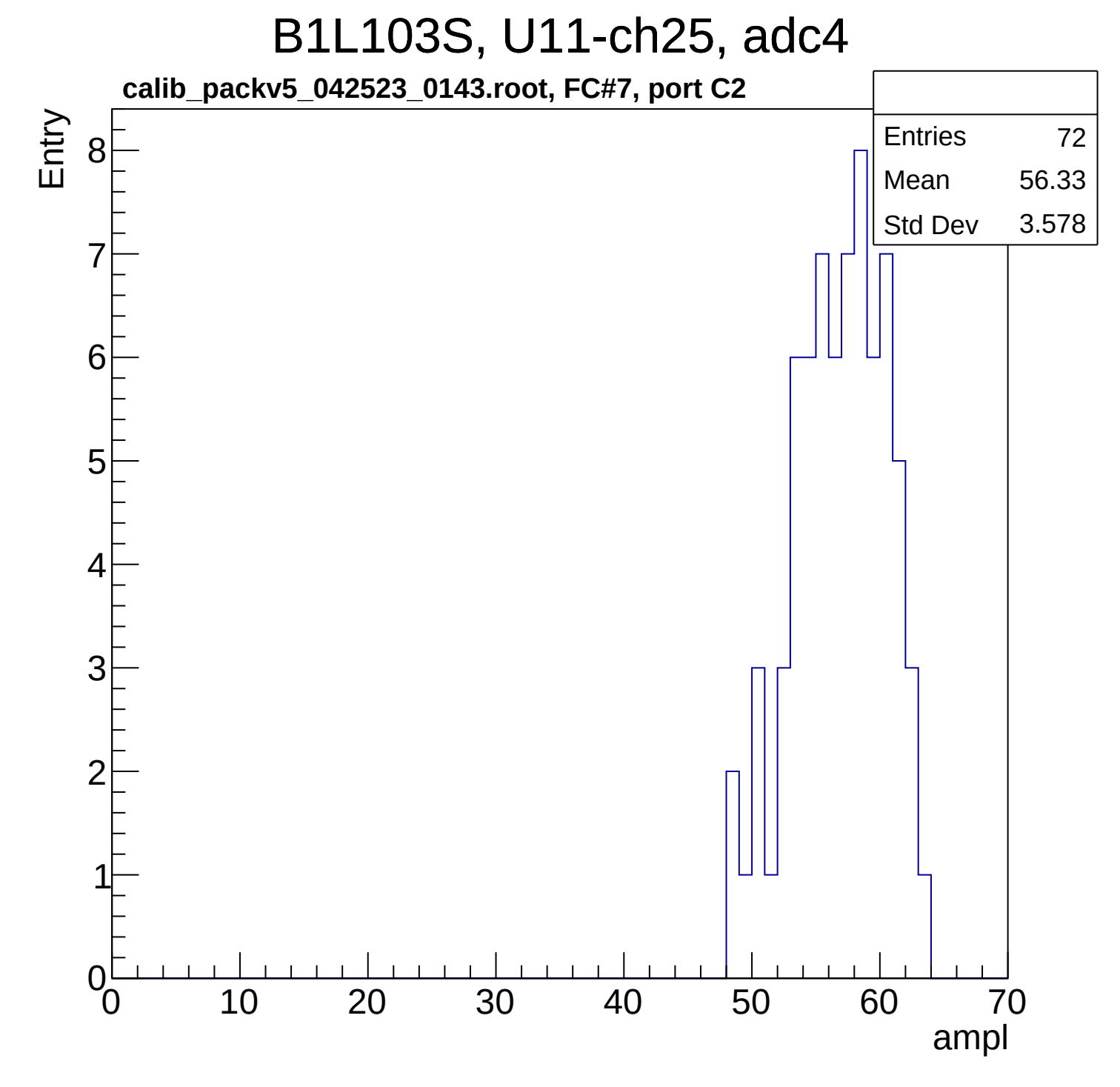

B1L103S, U11-ch24, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch25, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 30.09
Std Dev 2.97
Gaus mean : 30.7603
Gaus Width: 3.2129
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch25, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 37.4
Std Dev 3.1
Gaus mean : 38.1151
Gaus Width: 3.4234
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch25, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 44.57
Std Dev 3.628
Gaus mean : 45.1128
Gaus Width: 3.8959
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch25, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 53
Mean 50.81
Std Dev 3.851
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U11-ch25, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 56.33
Std Dev 3.578
Entry
ampl
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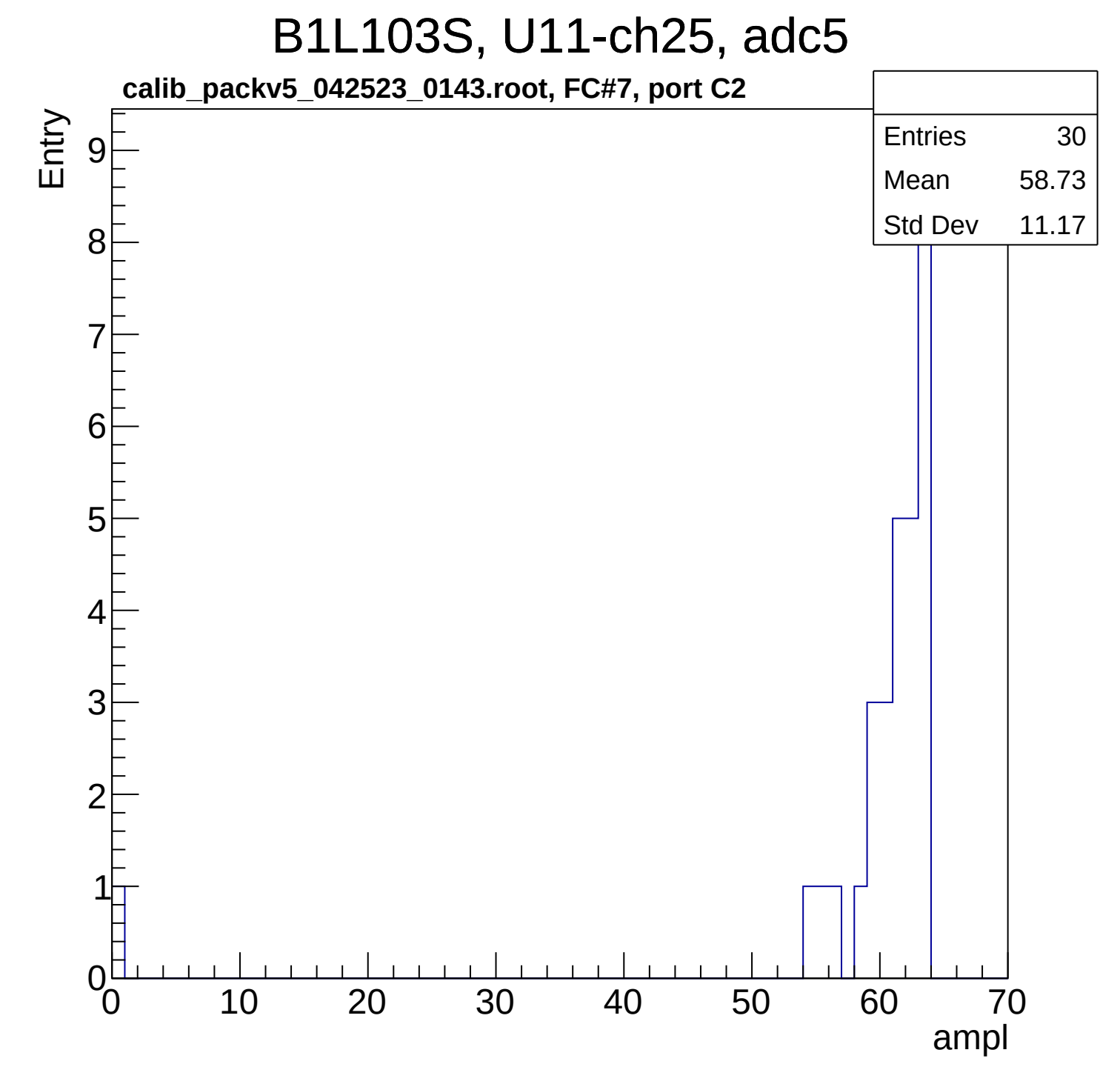
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch25, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 30
Mean 58.73
Std Dev 11.17
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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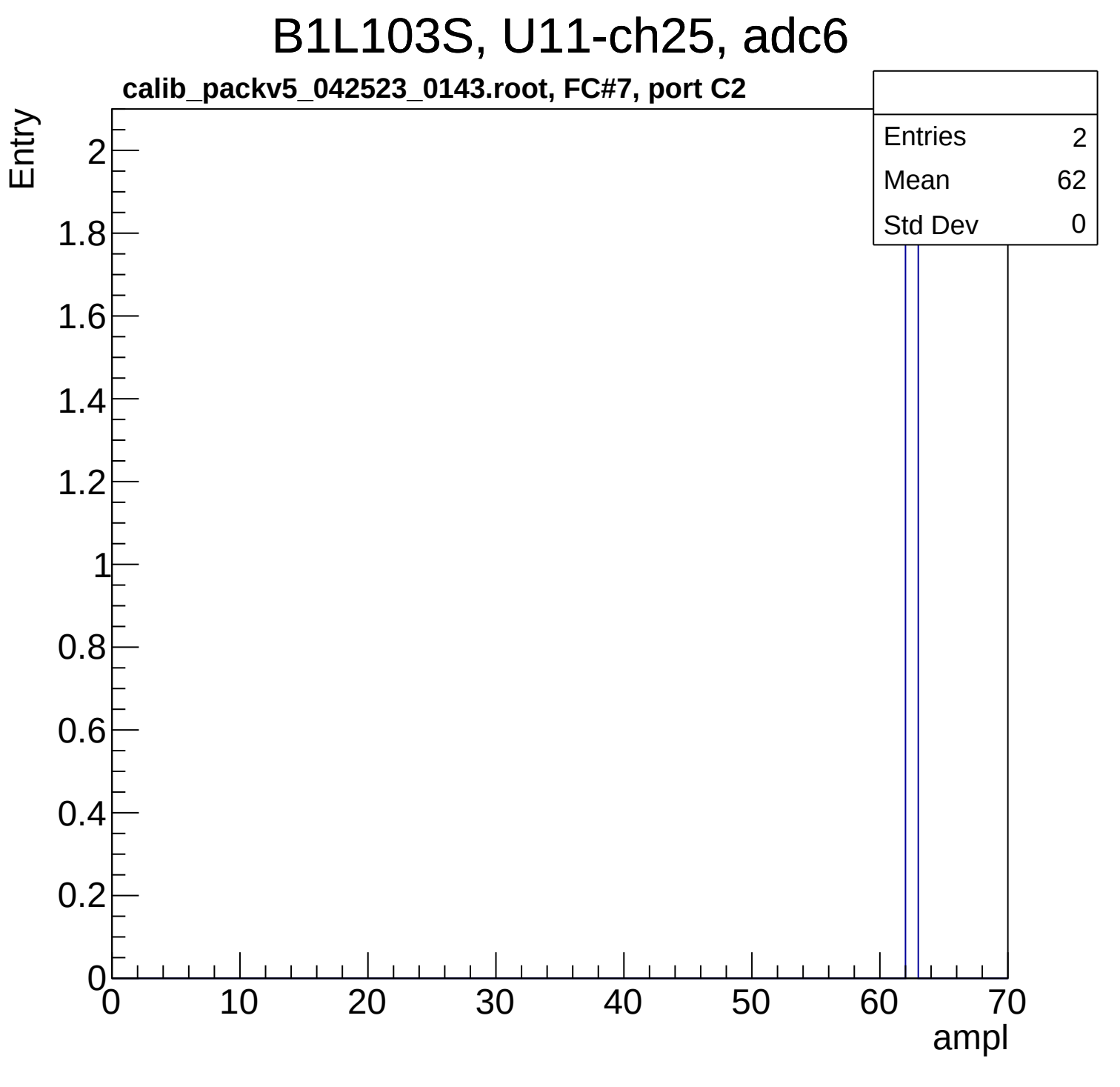
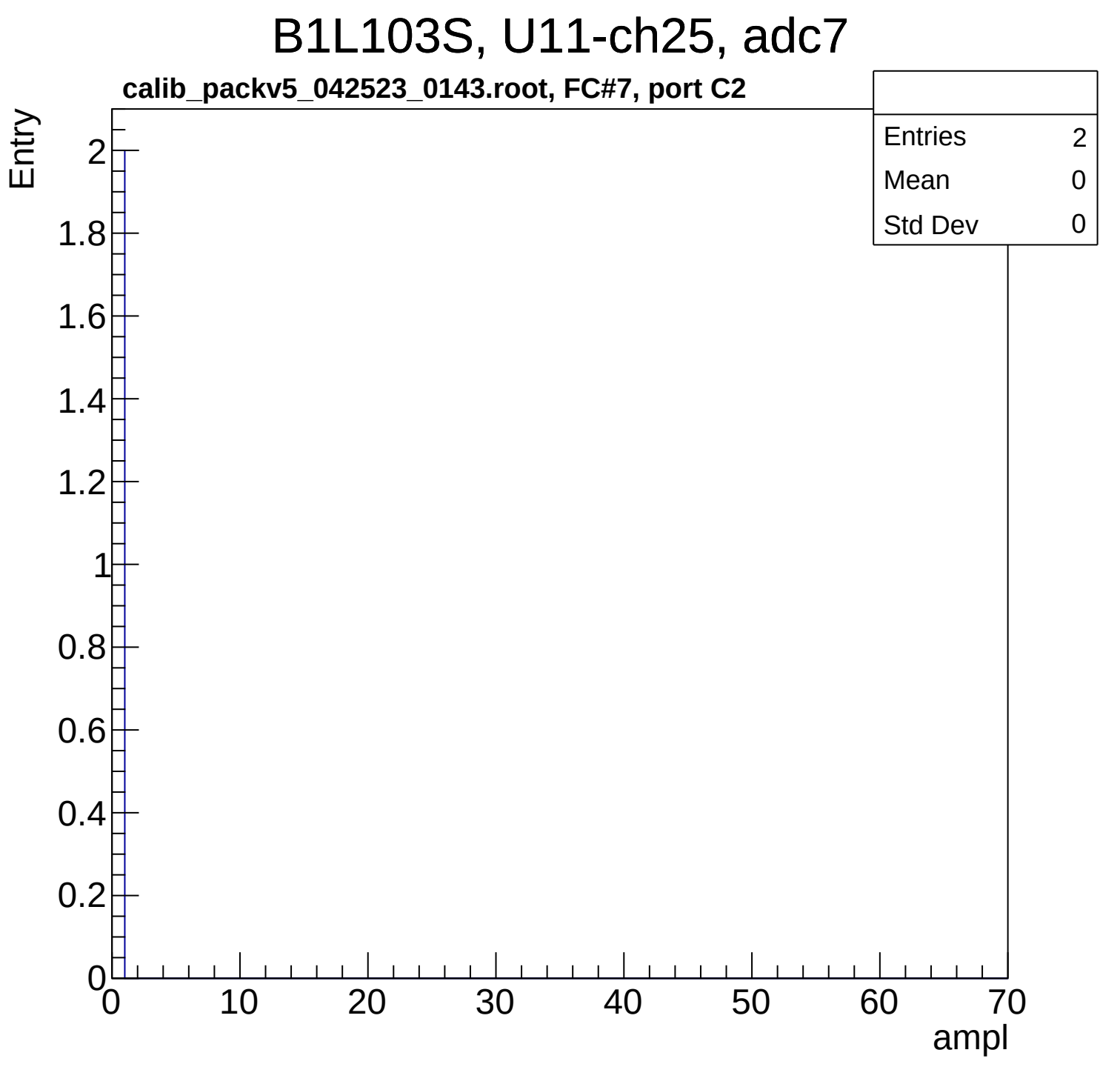
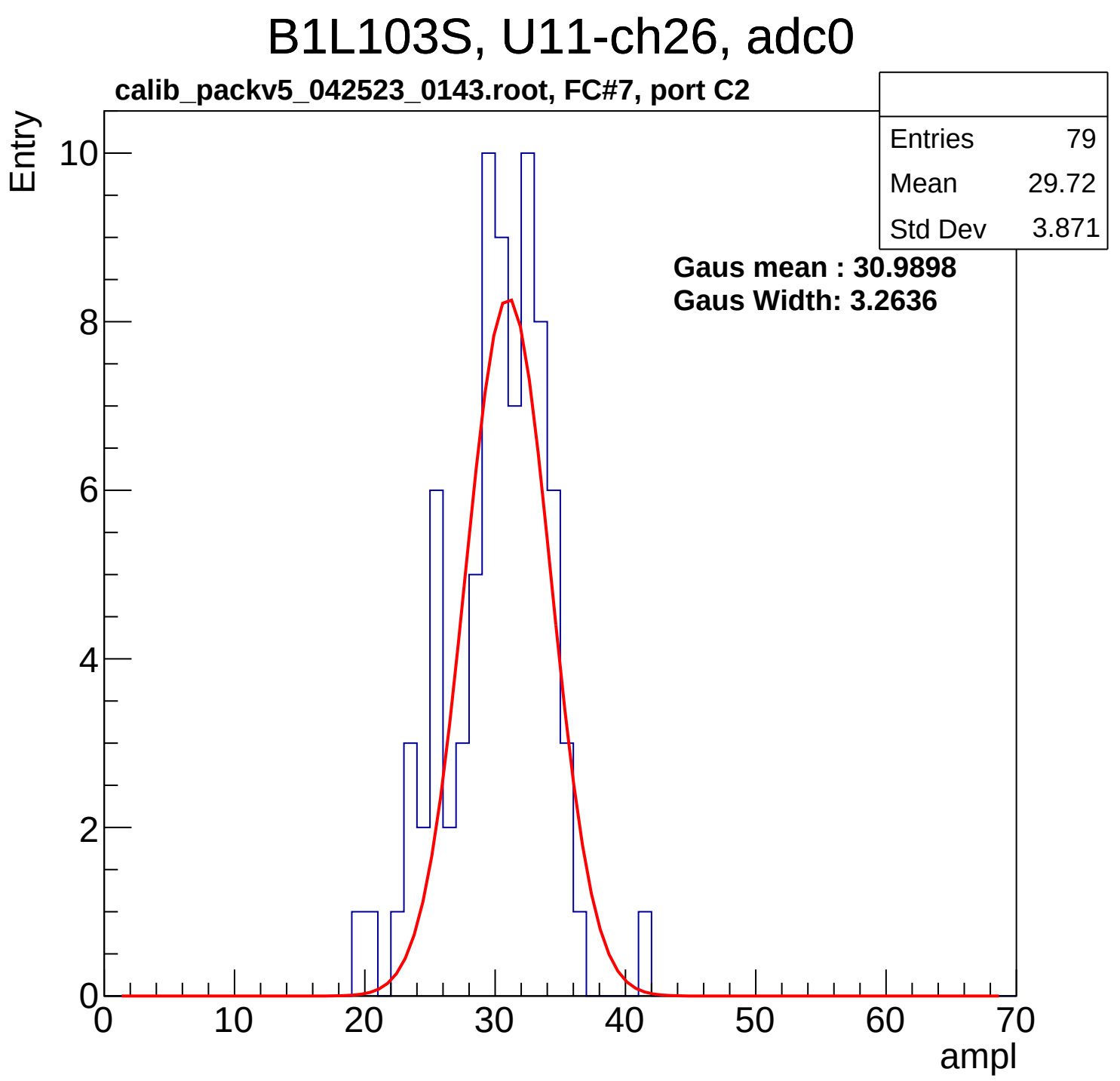
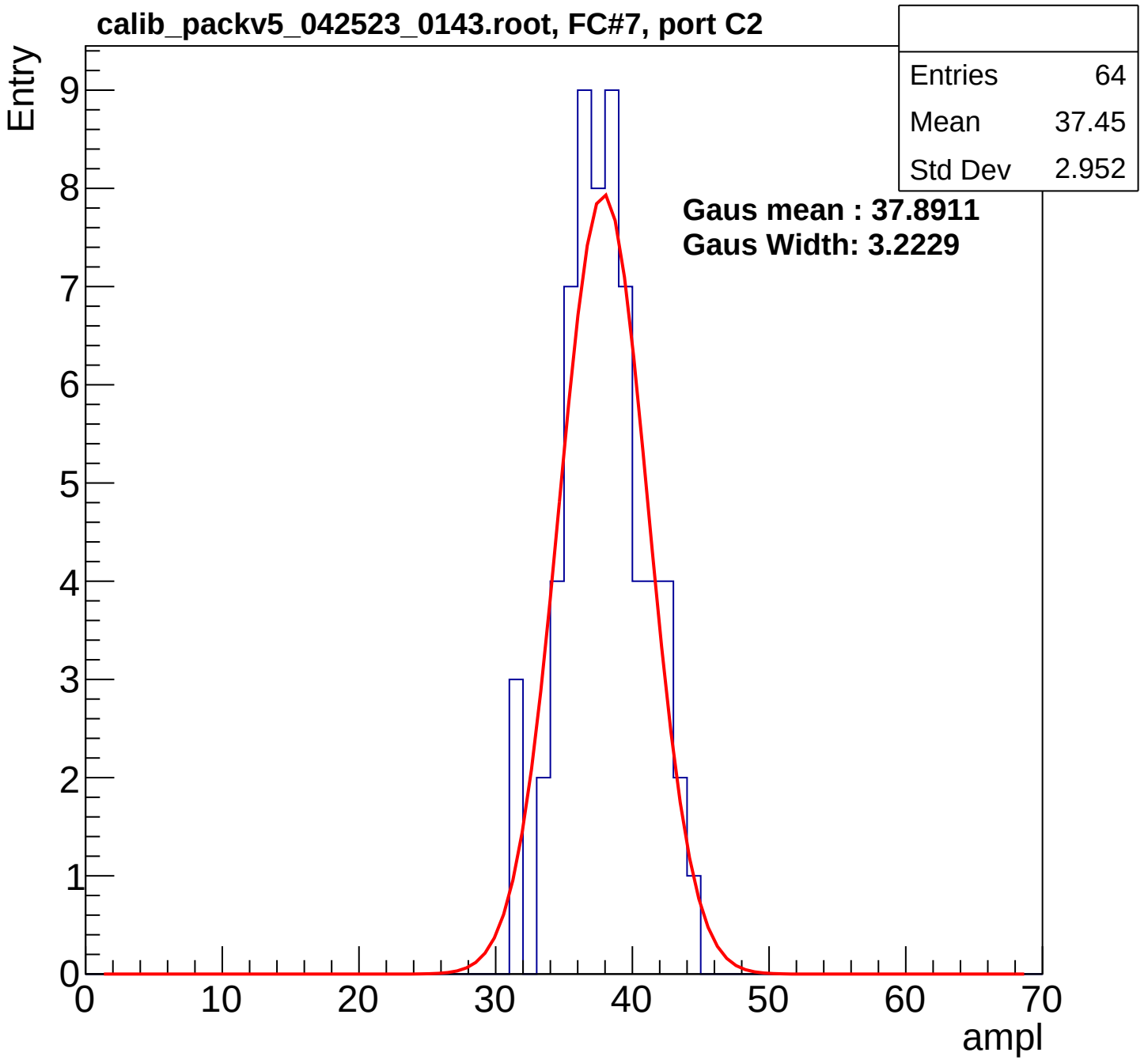

B1L103S, U11-ch25, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 62
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L103S, U11-ch25, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch26, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 79
Mean 29.72
Std Dev 3.871
Gaus mean : 30.9898
Gaus Width: 3.2636
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch26, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 37.45
Std Dev 2.952
Gaus mean : 37.8911
Gaus Width: 3.2229
Entry
ampl
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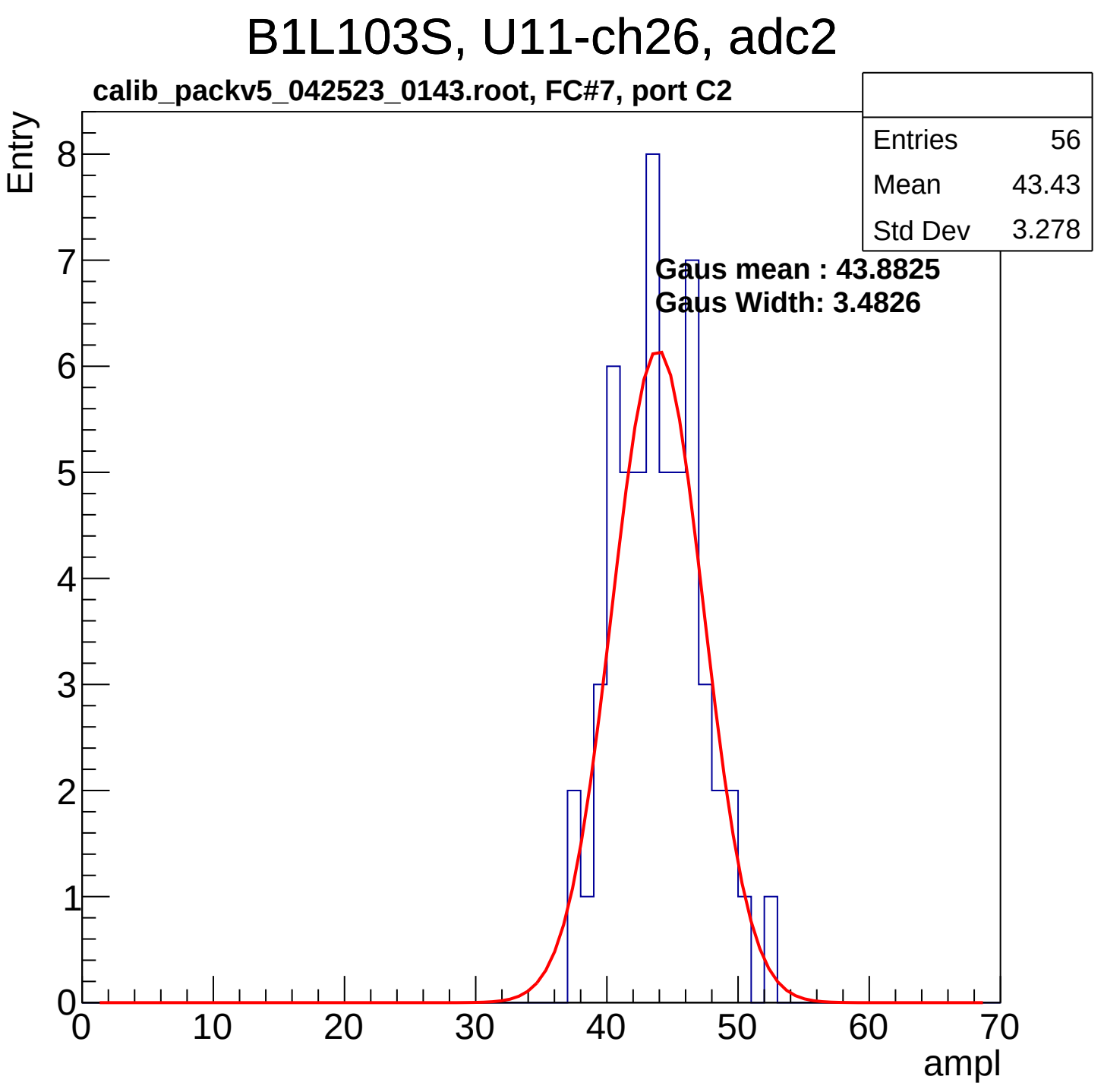
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch26, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 43.43
Std Dev 3.278
Gaus mean : 43.8825
Gaus Width: 3.4826
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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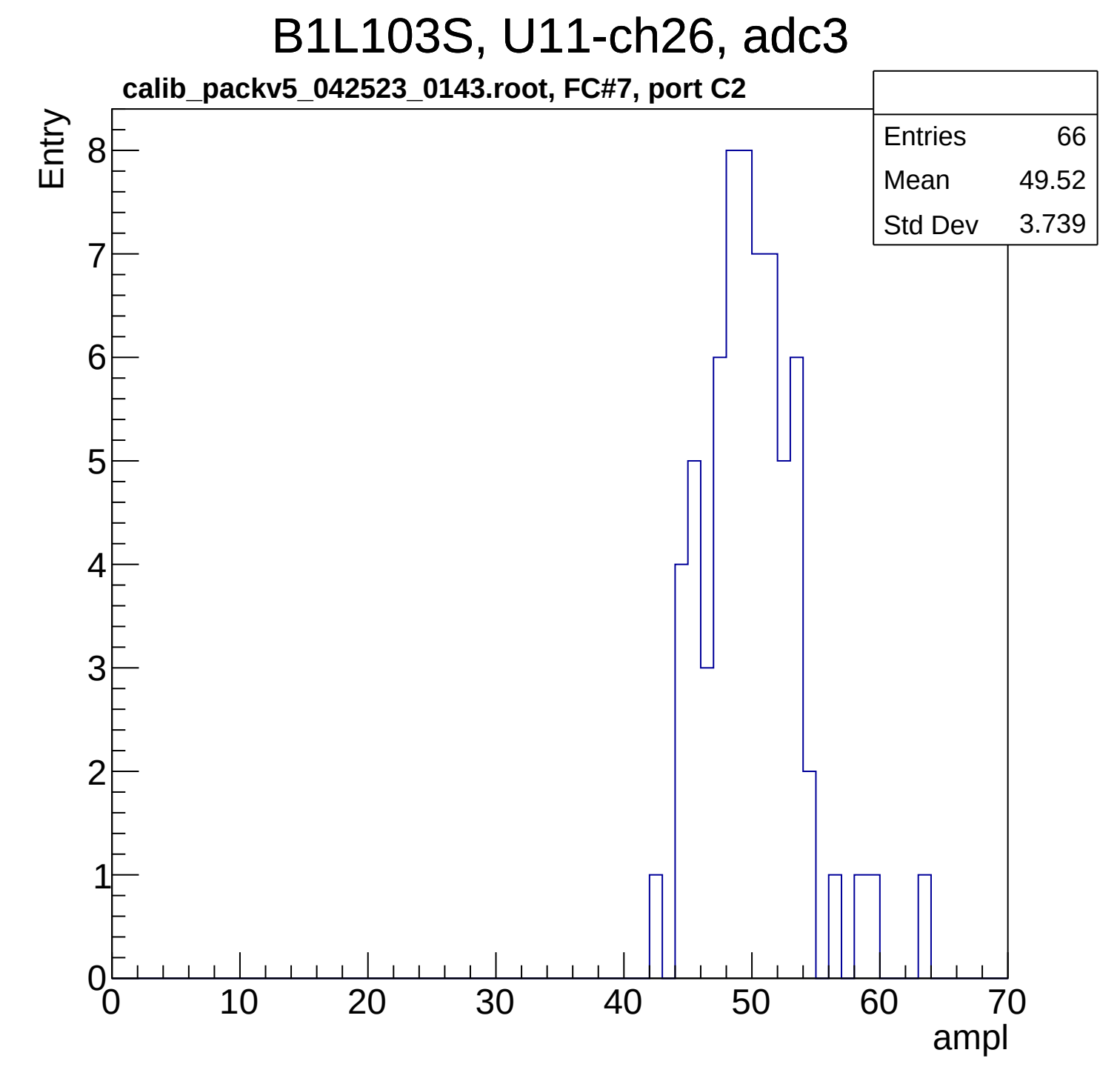
B1L103S, U11-ch26, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 49.52
Std Dev 3.739
Entry
ampl
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1
2
3
4
5
6
7
8
0
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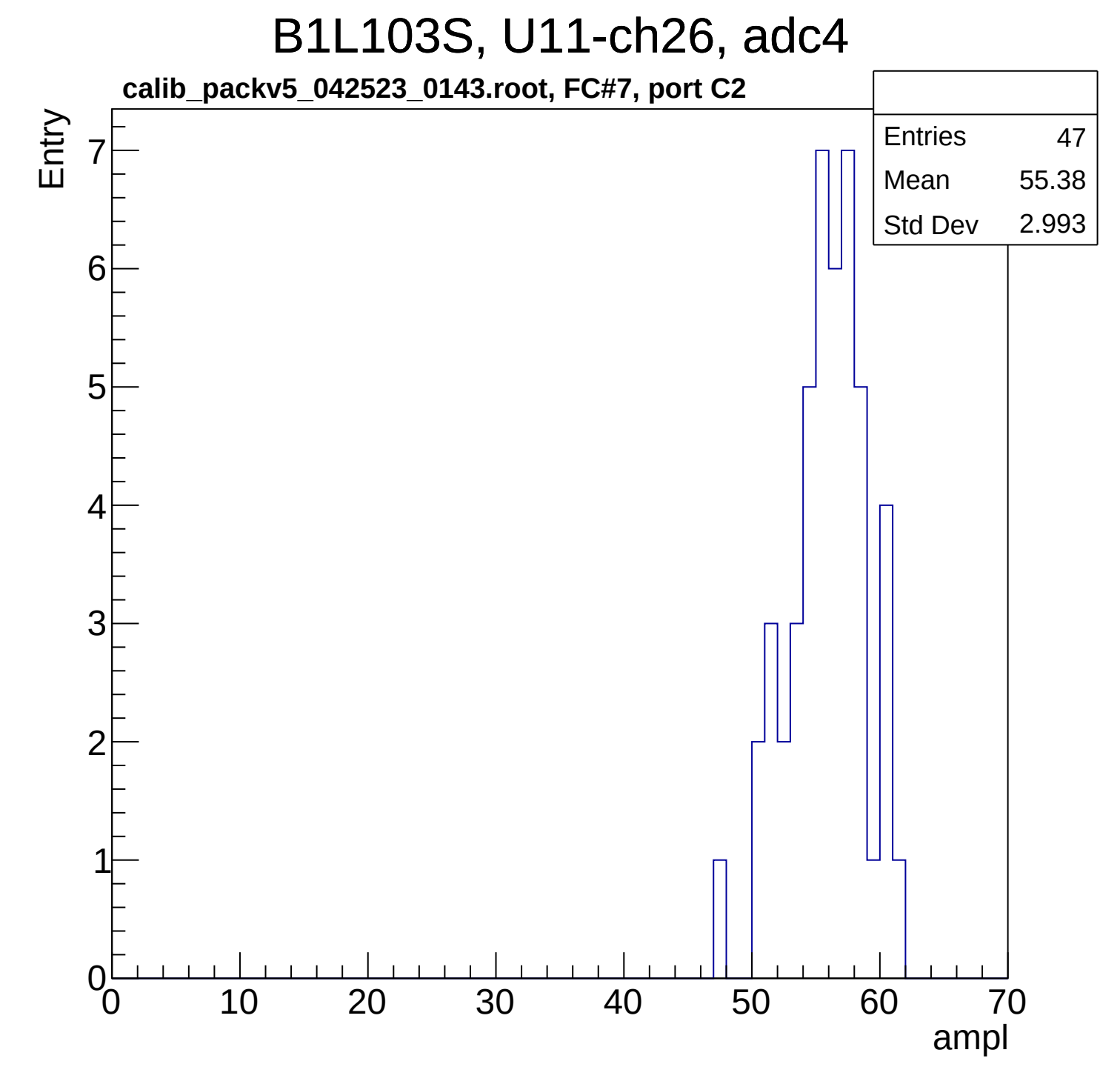
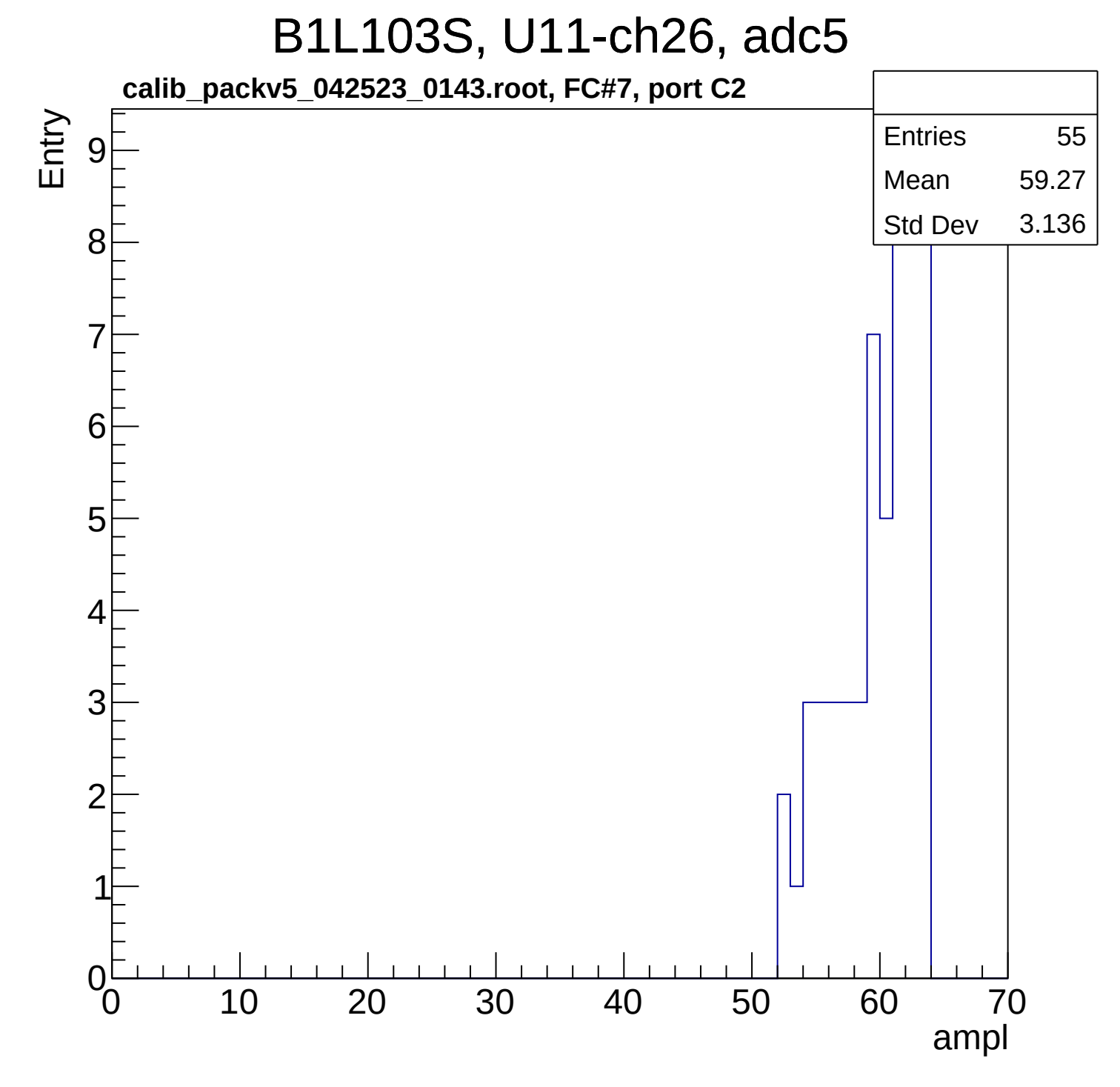
20
30
40
50
60
70


B1L103S, U11-ch26, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 47
Mean 55.38
Std Dev 2.993
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U11-ch26, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 59.27
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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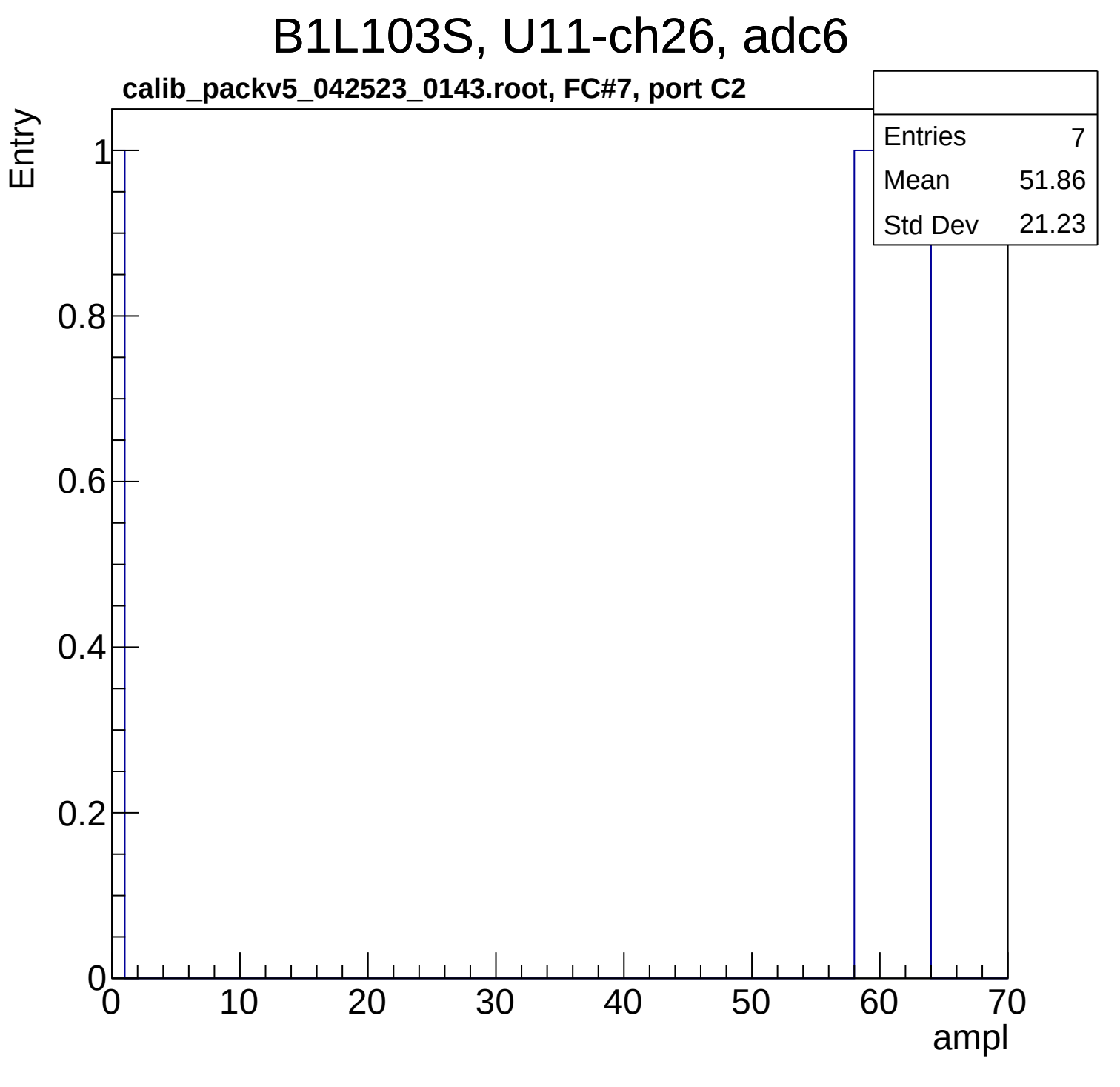
B1L103S, U11-ch26, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 7
Mean 51.86
Std Dev 21.23
Entry
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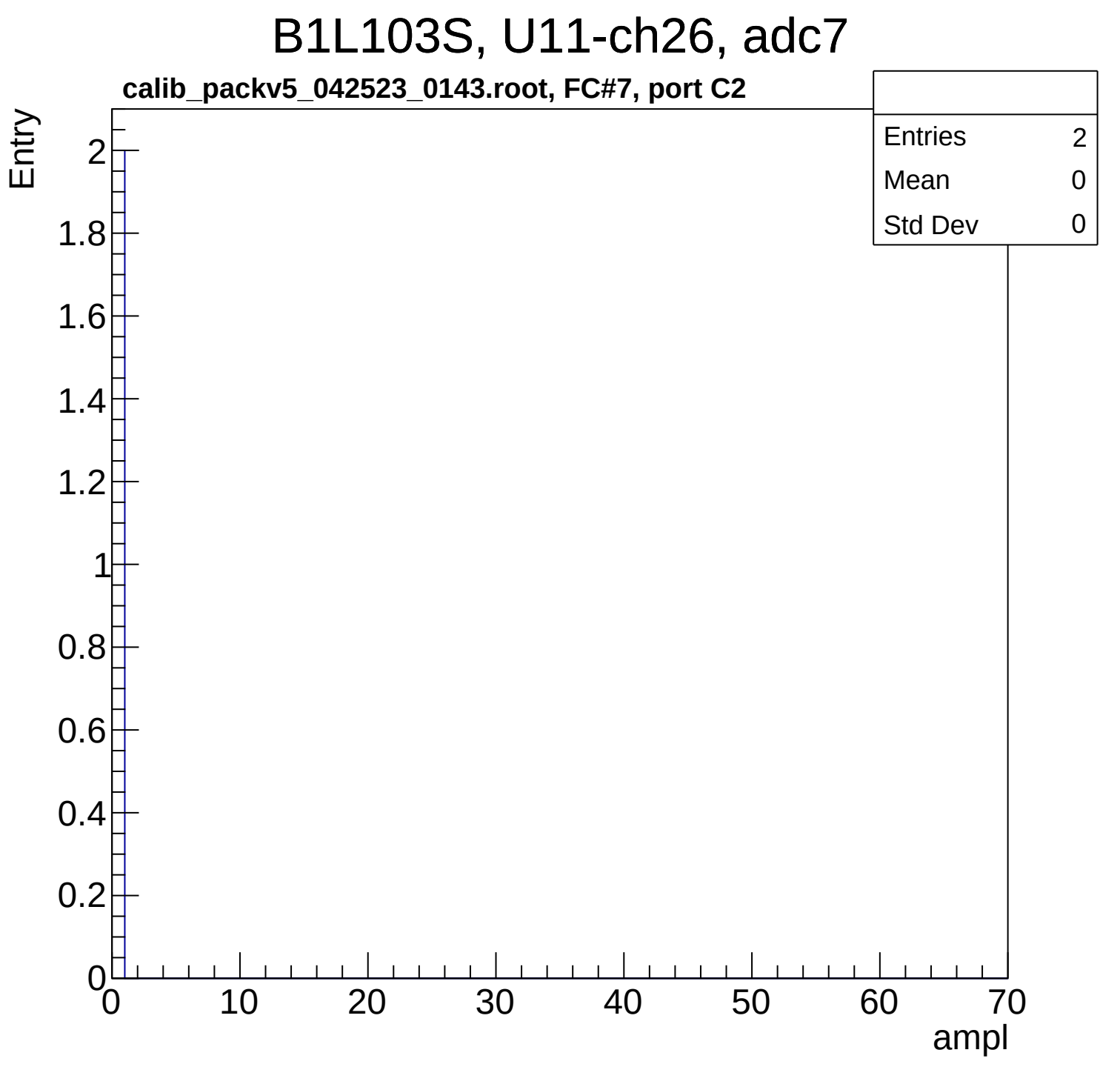
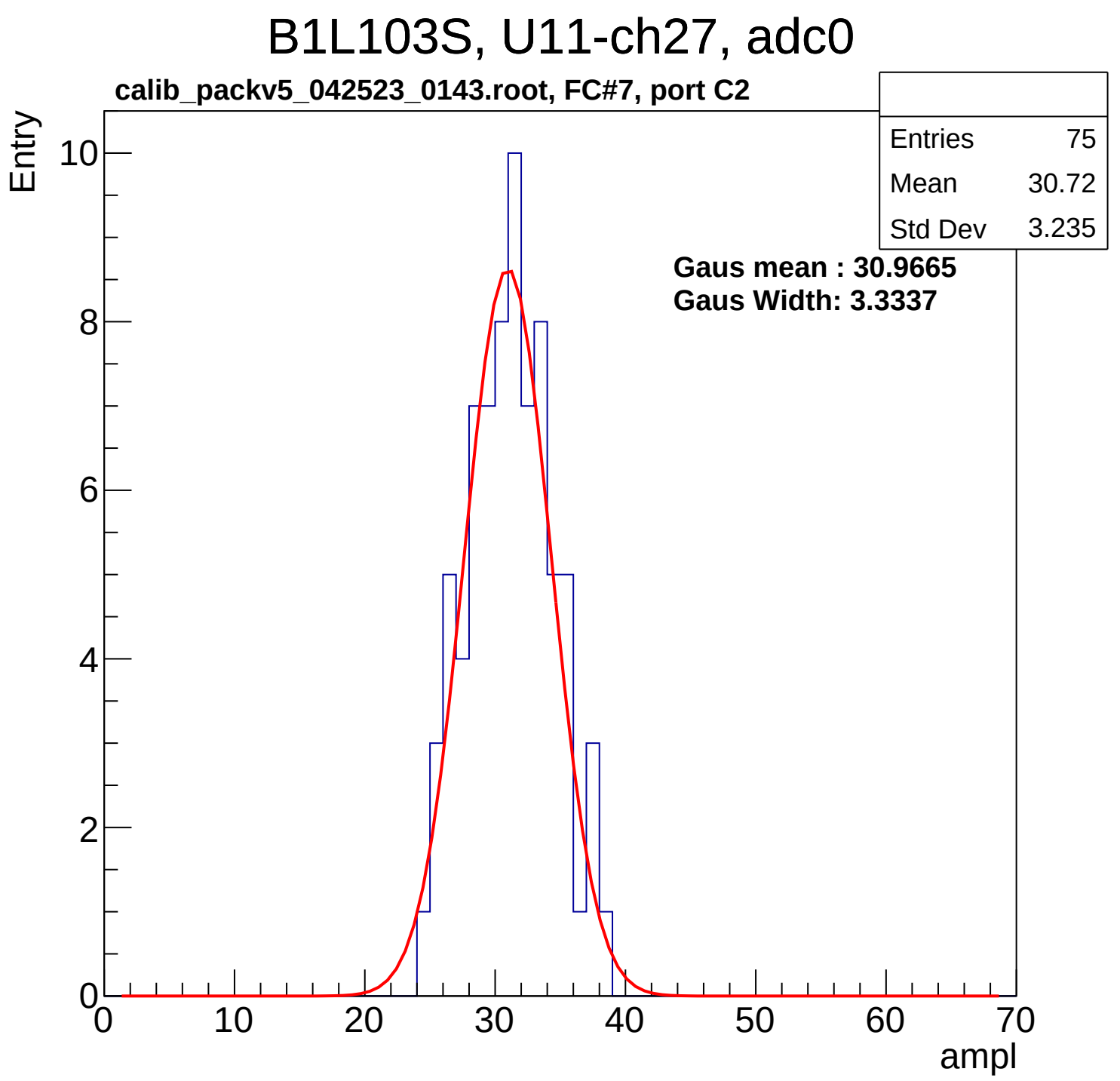
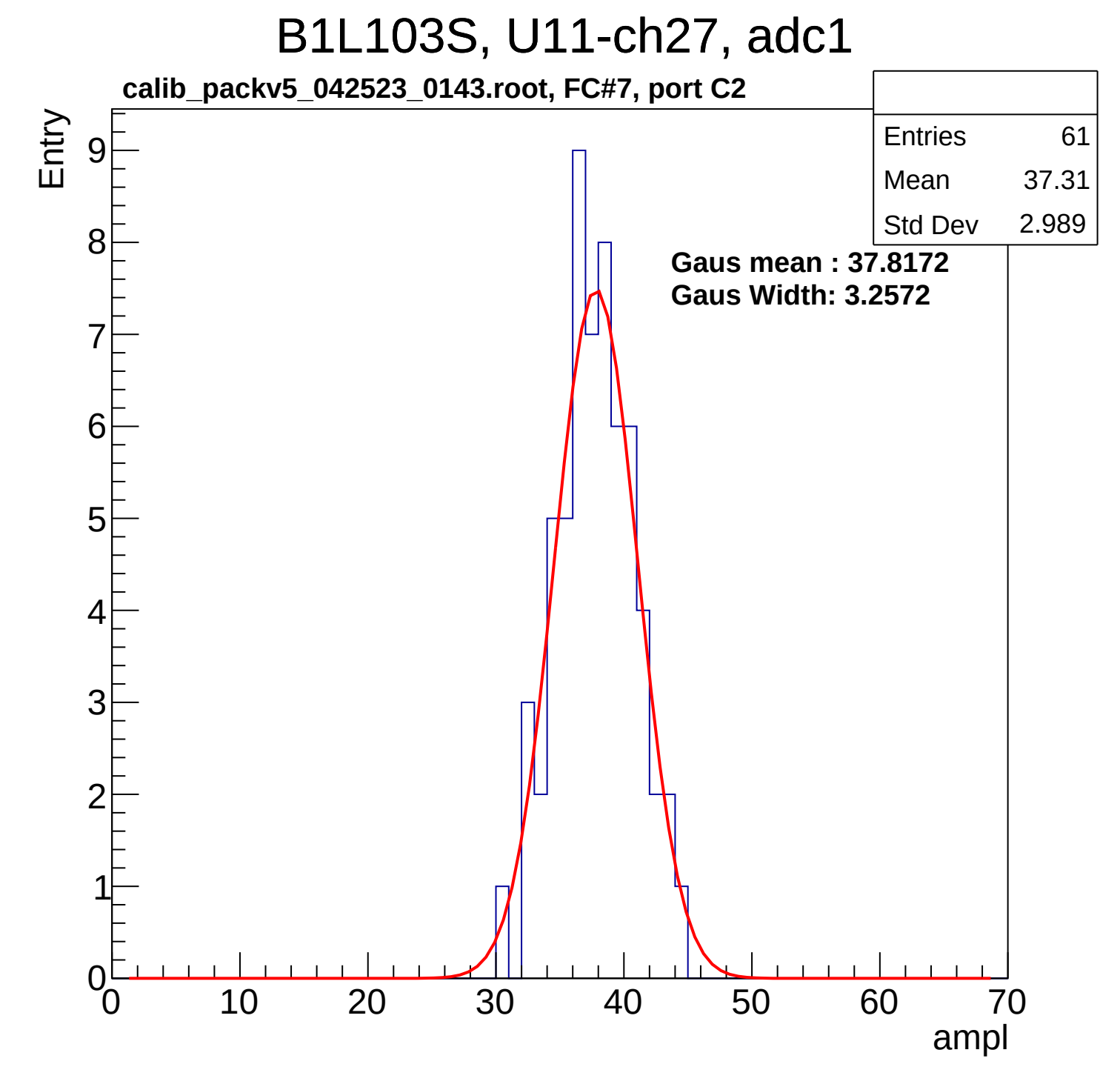
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch26, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch27, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 75
Mean 30.72
Std Dev 3.235
Gaus mean : 30.9665
Gaus Width: 3.3337
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch27, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 37.31
Std Dev 2.989
Gaus mean : 37.8172
Gaus Width: 3.2572
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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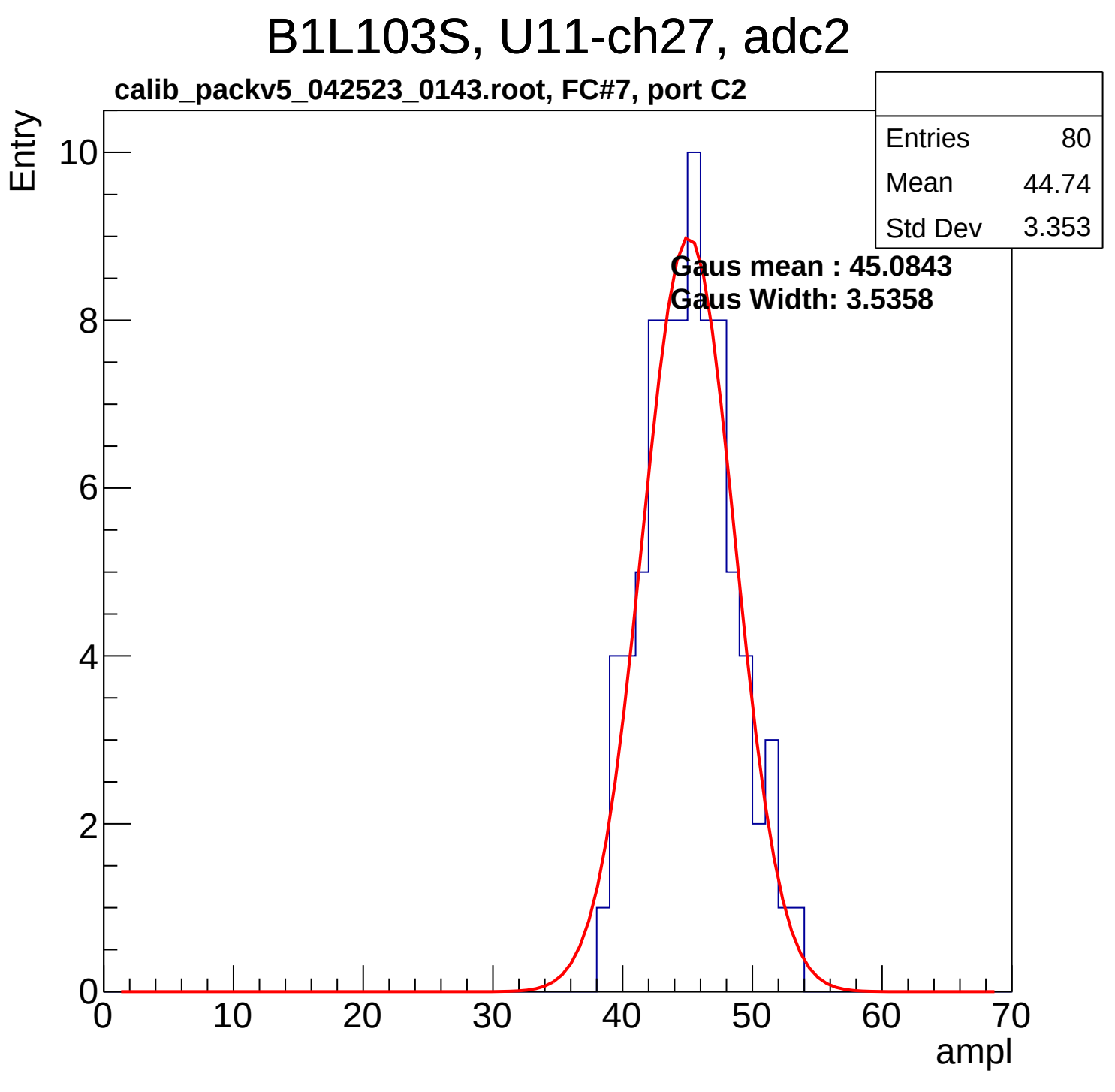
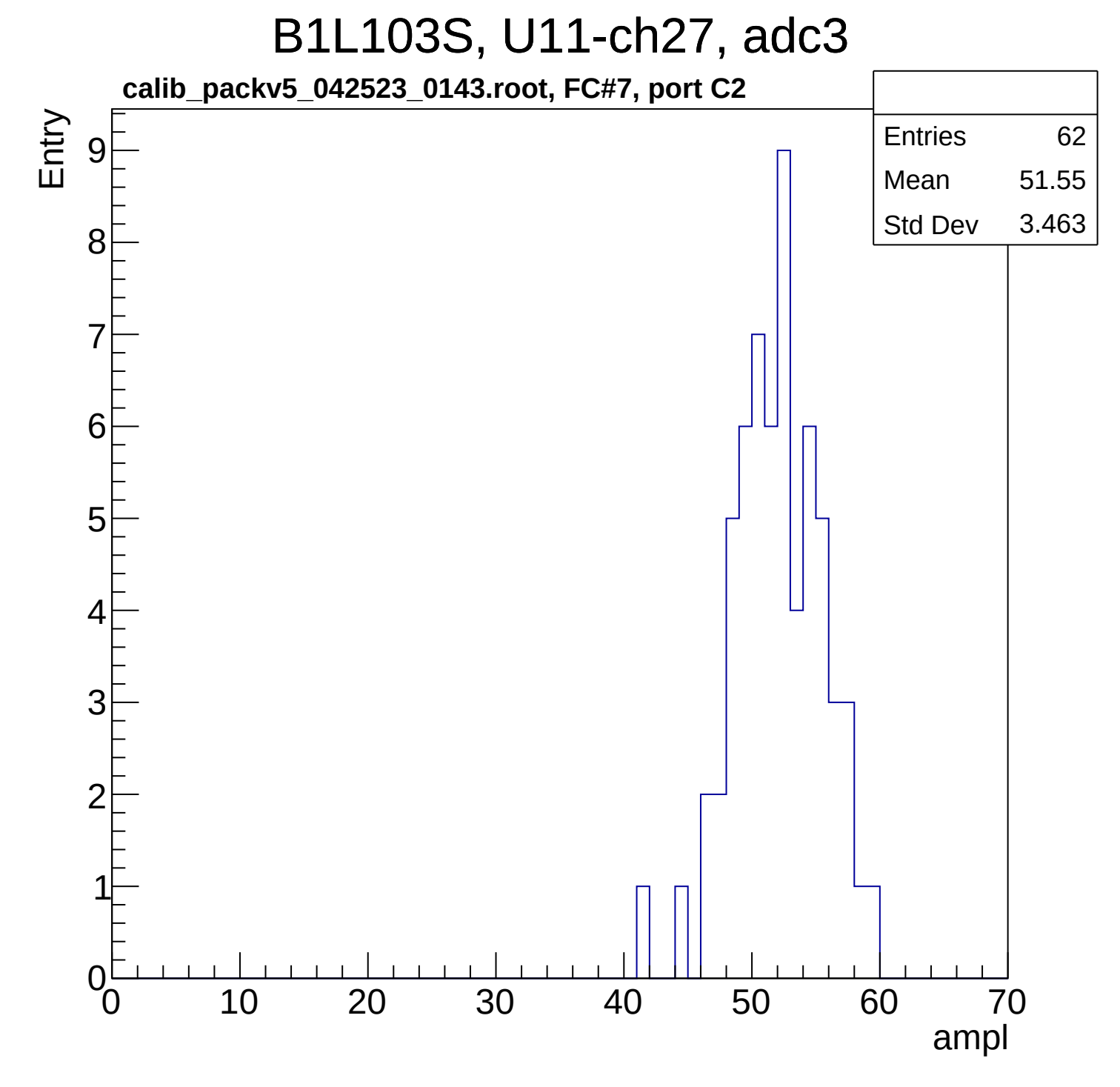

B1L103S, U11-ch27, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 80
Mean 44.74
Std Dev 3.353
Gaus mean : 45.0843
Gaus Width: 3.5358
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch27, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 51.55
Std Dev 3.463
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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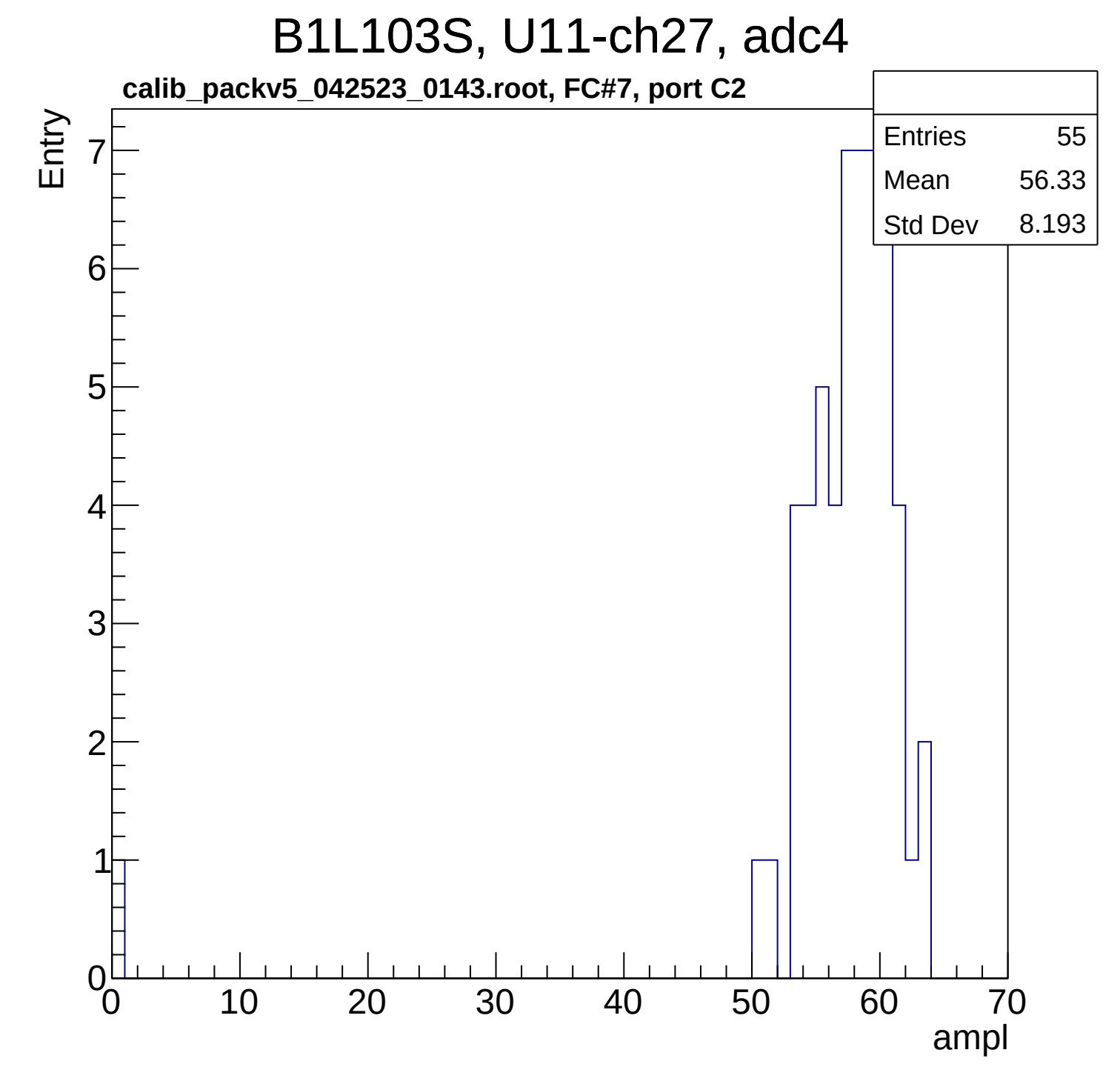
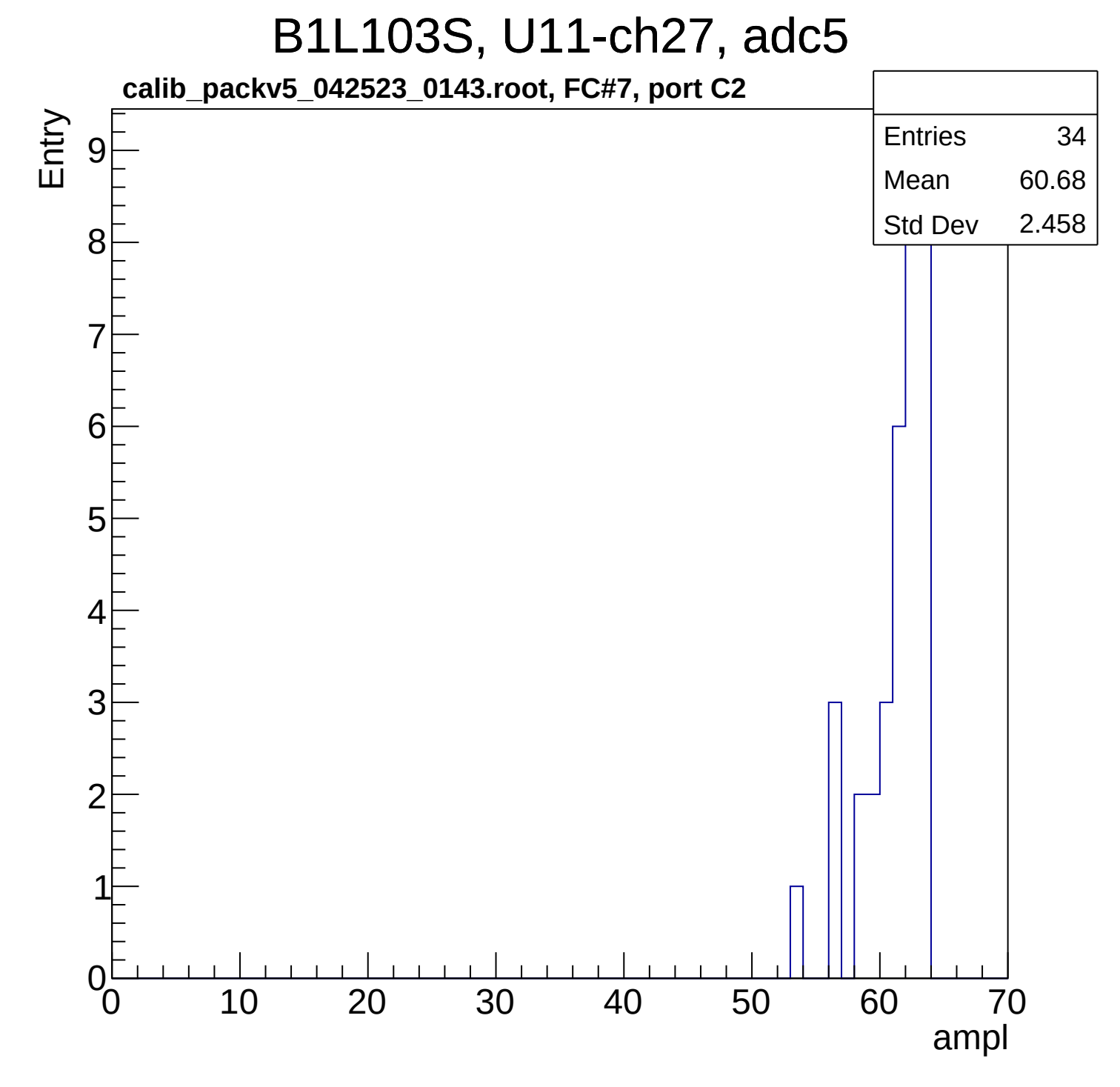
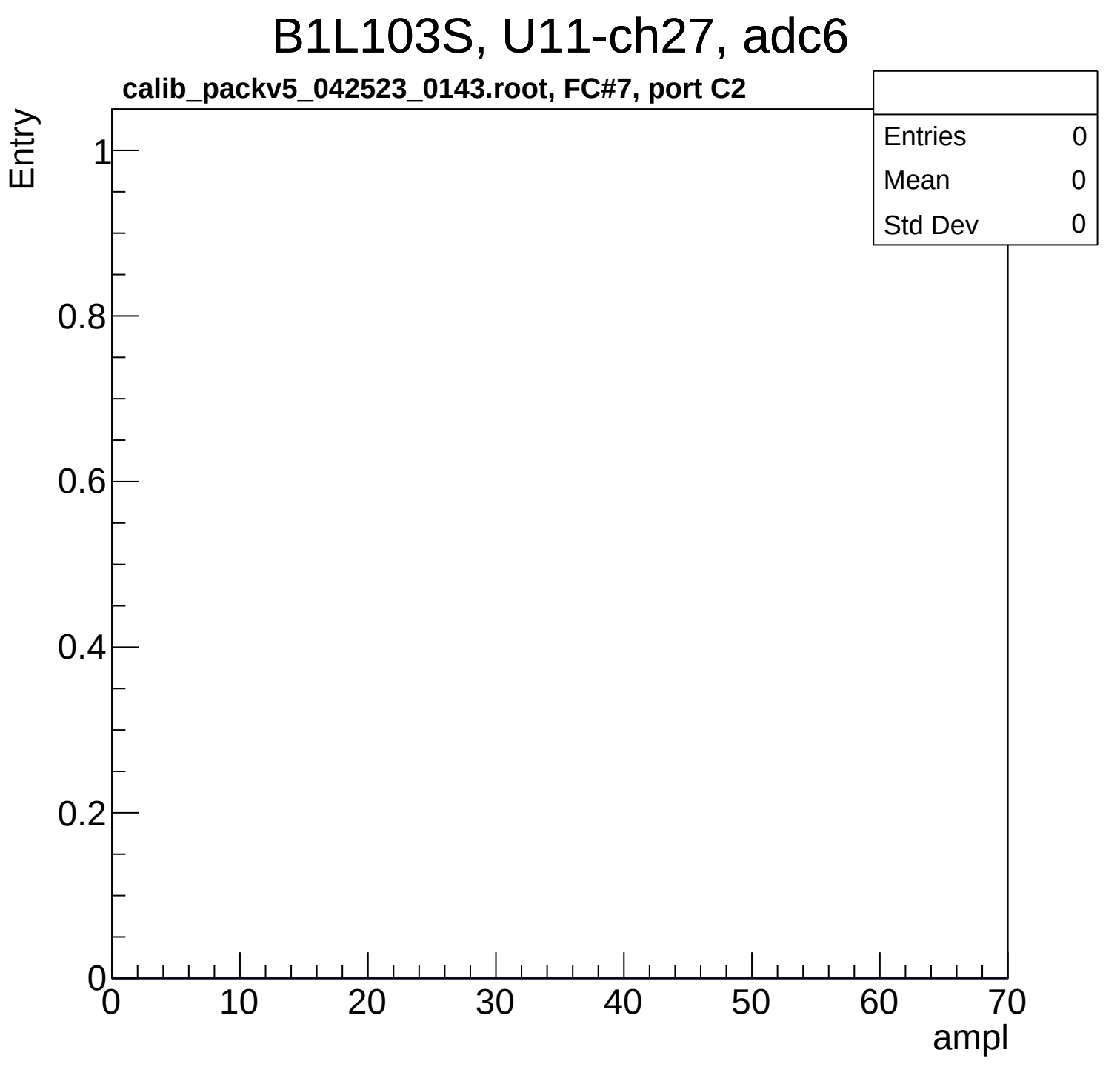
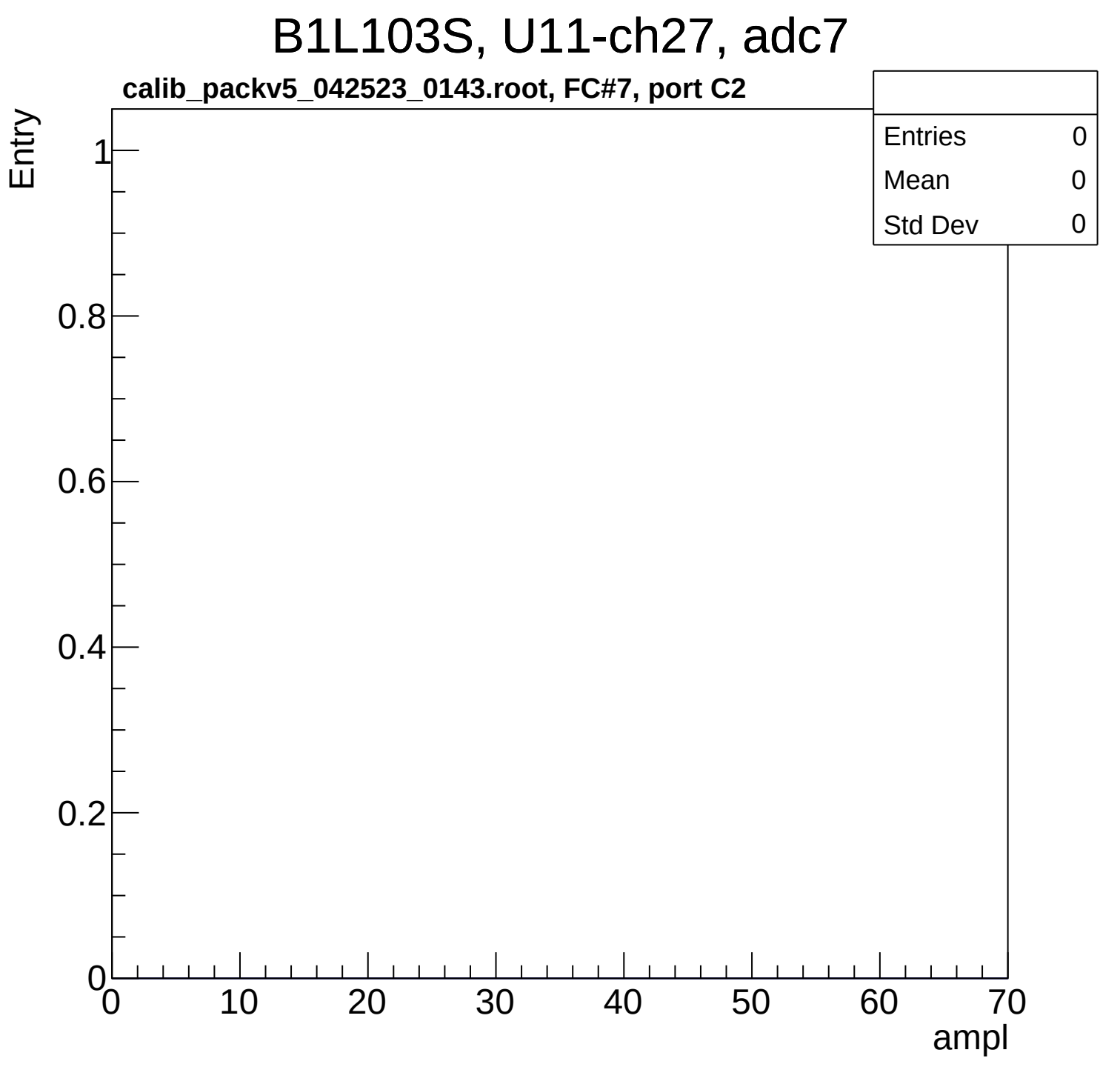
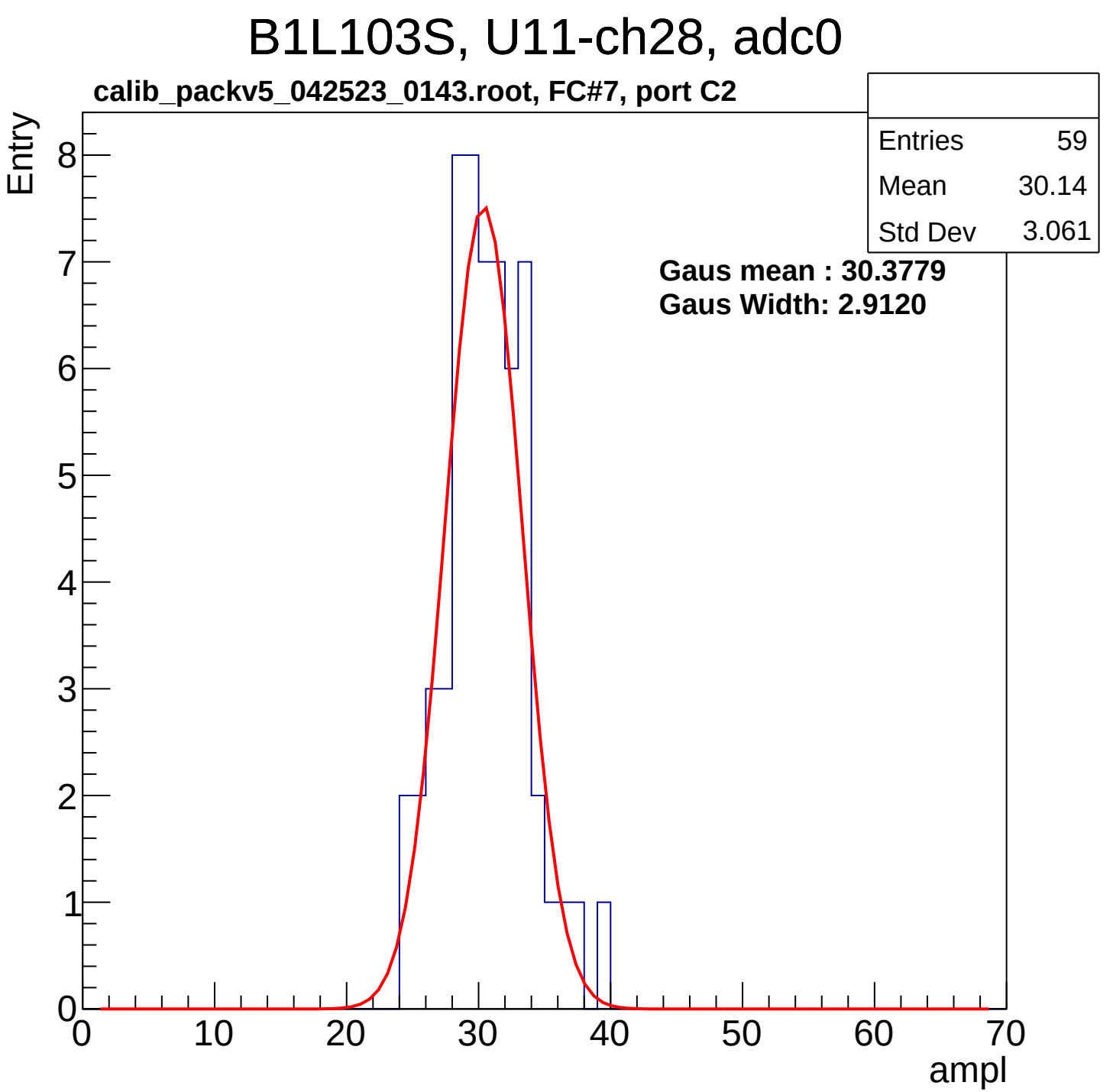
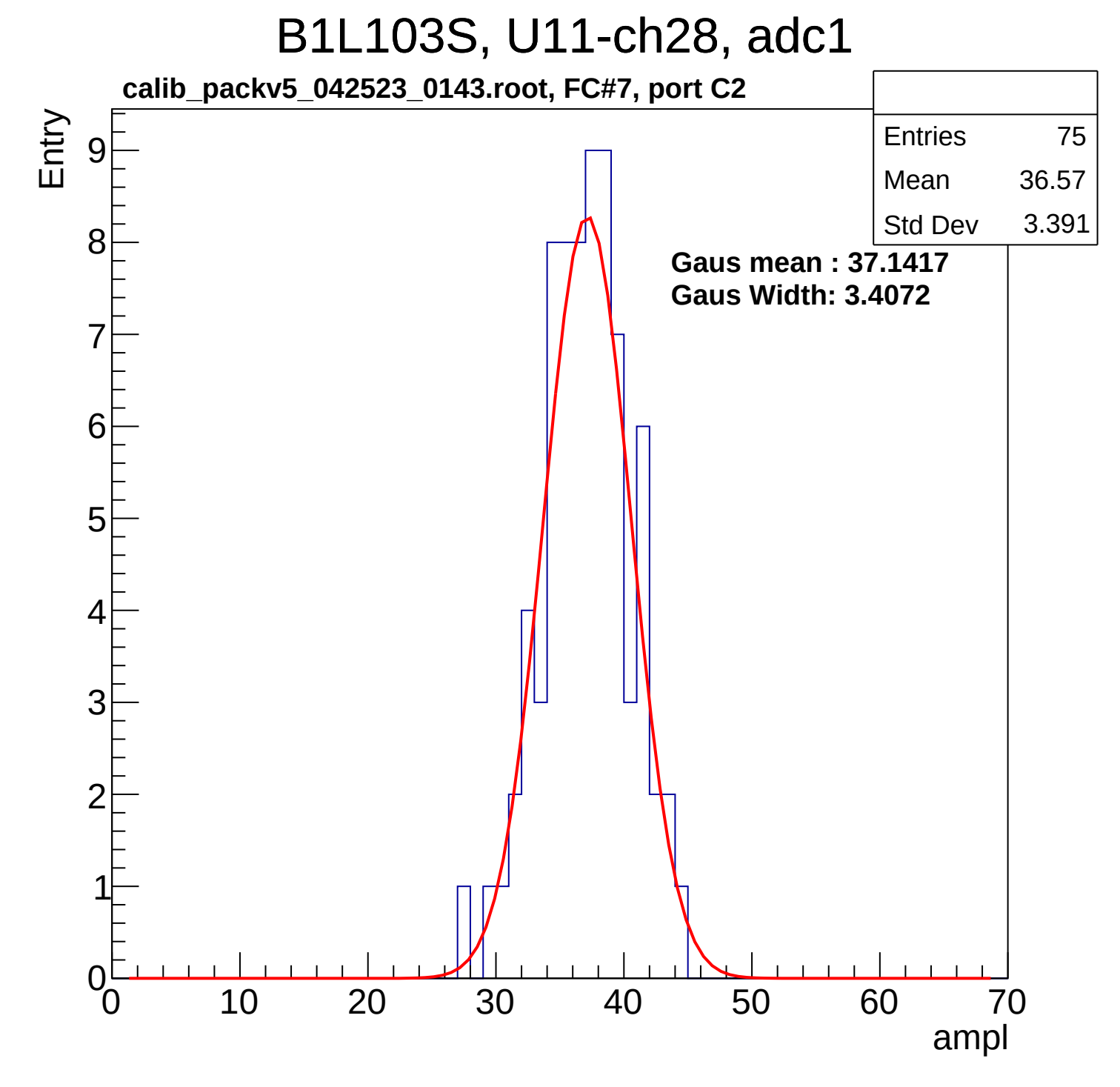

B1L103S, U11-ch27, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 56.33
Std Dev 8.193
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

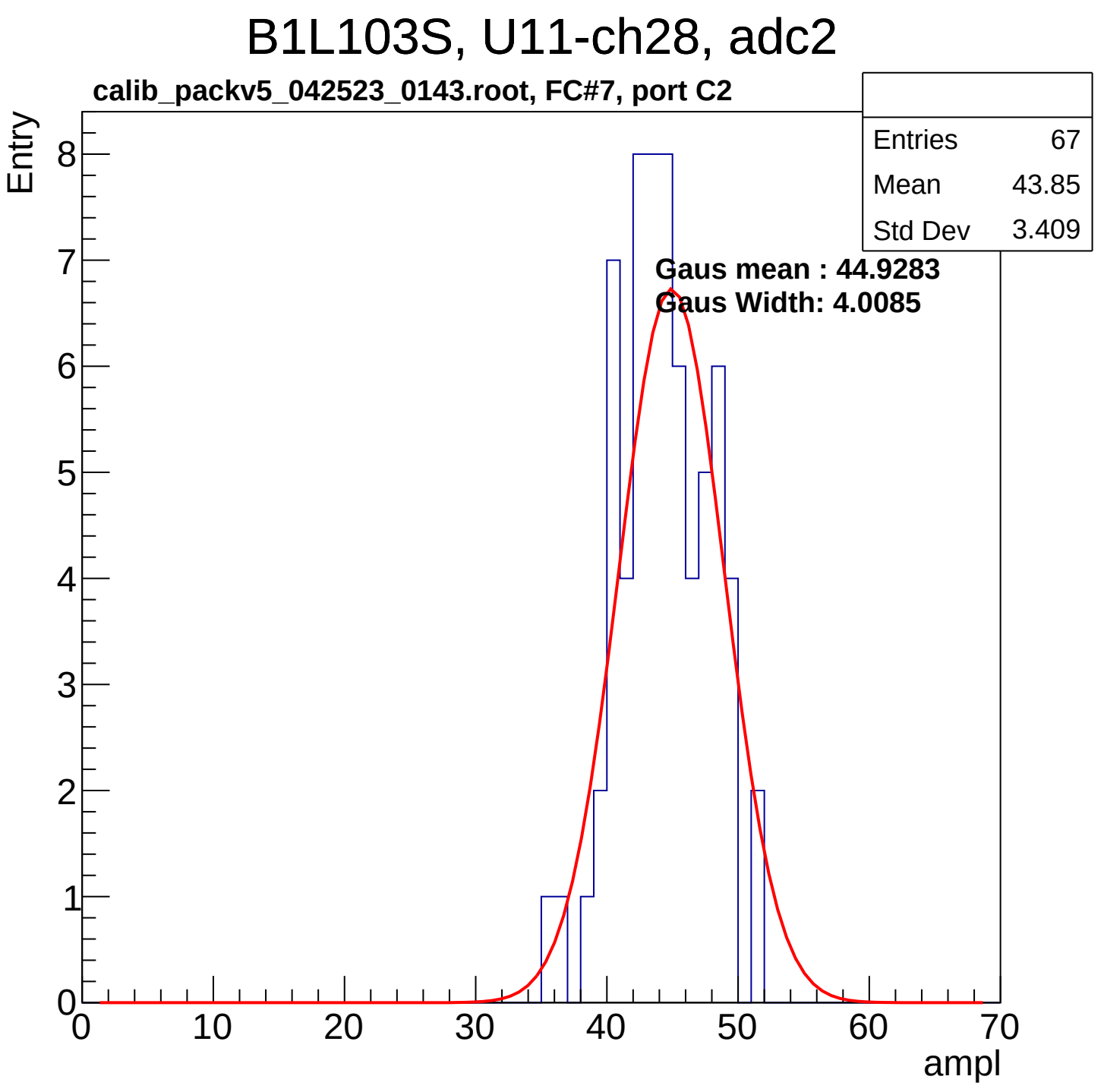

B1L103S, U11-ch27, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 34
Mean 60.68
Std Dev 2.458
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

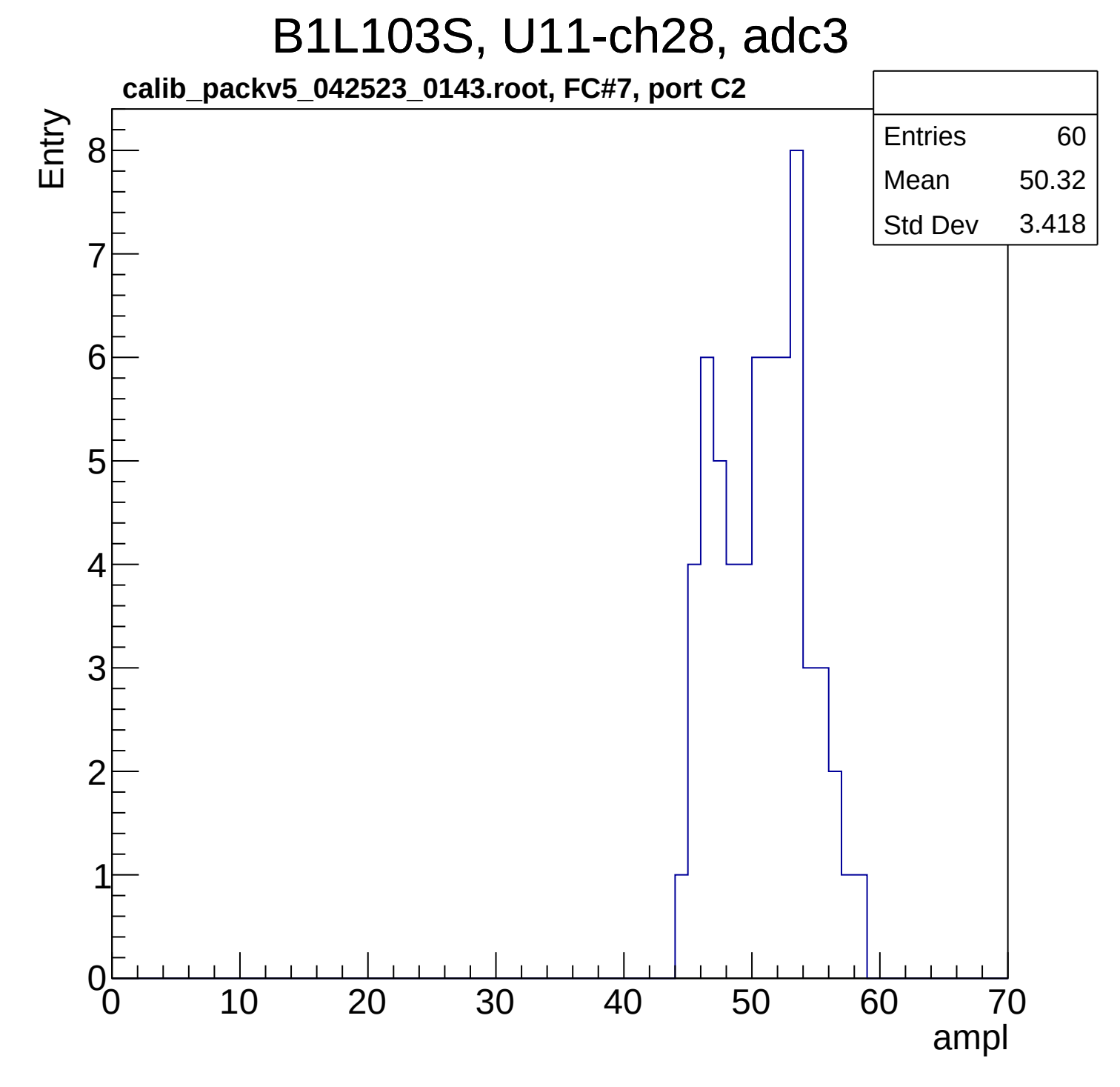

B1L103S, U11-ch27, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

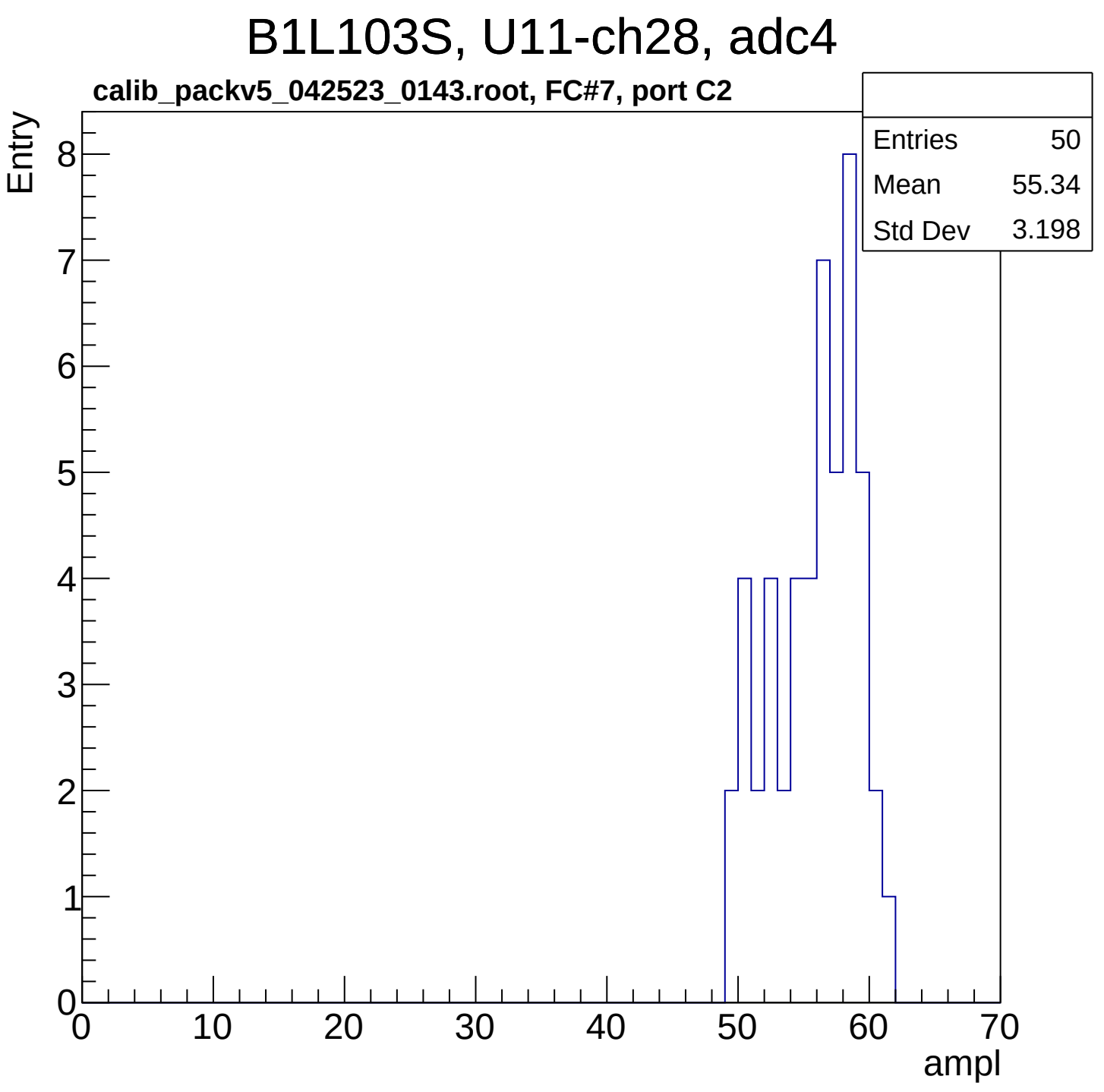

B1L103S, U11-ch27, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

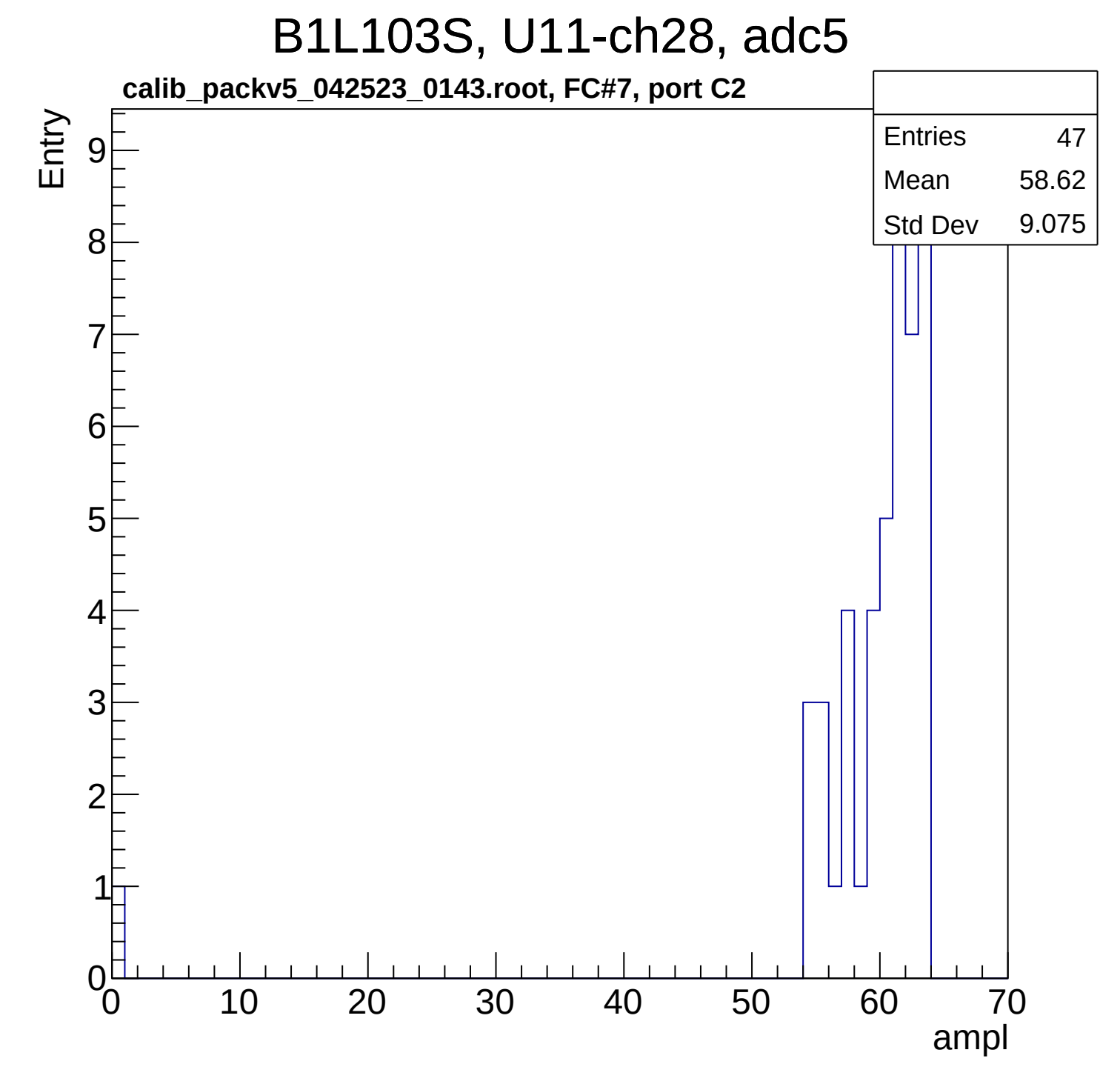

B1L103S, U11-ch28, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 30.14
Std Dev 3.061
Gaus mean : 30.3779
Gaus Width: 2.9120
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

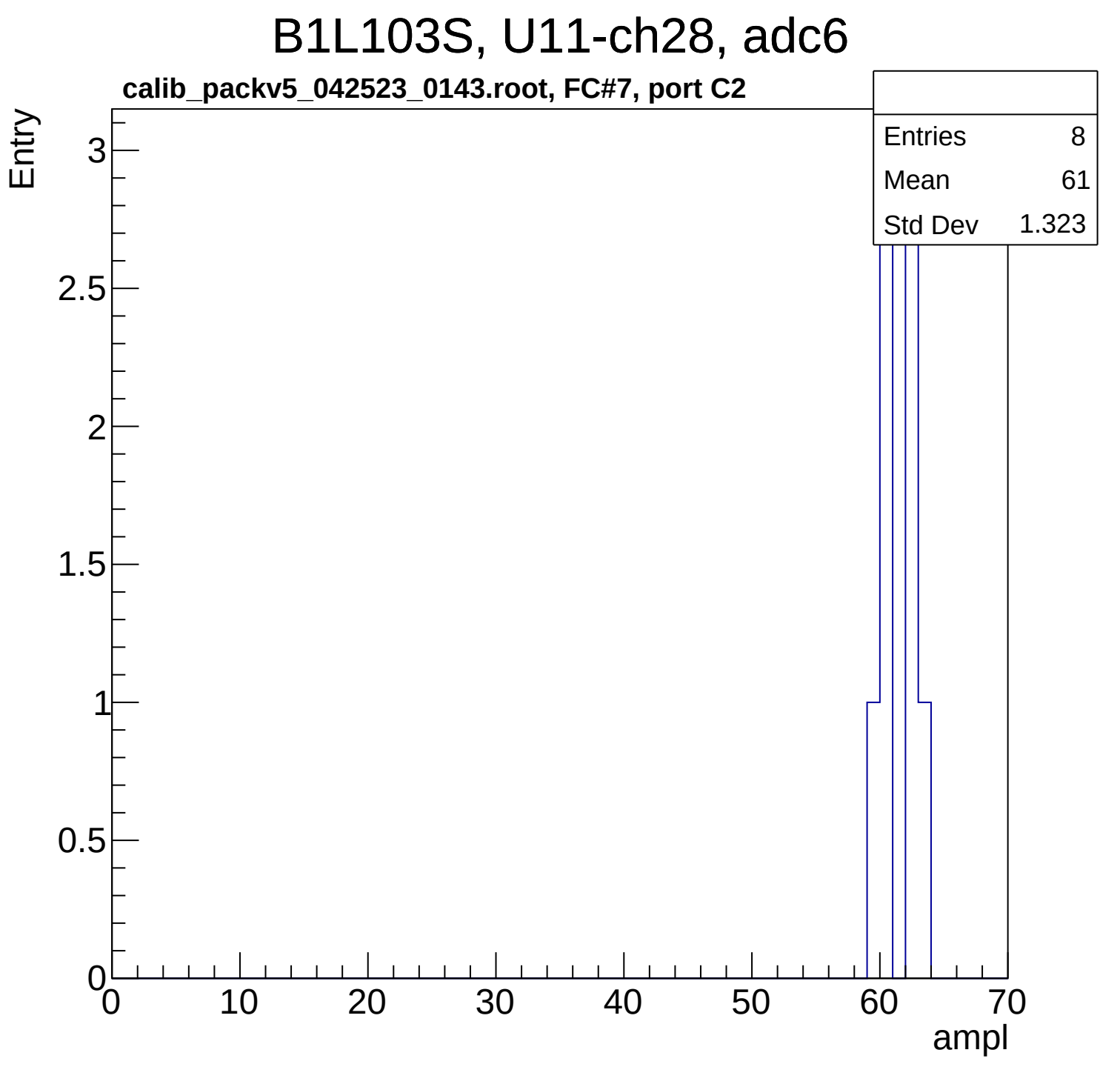

B1L103S, U11-ch28, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 75
Mean 36.57
Std Dev 3.391
Gaus mean : 37.1417
Gaus Width: 3.4072
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

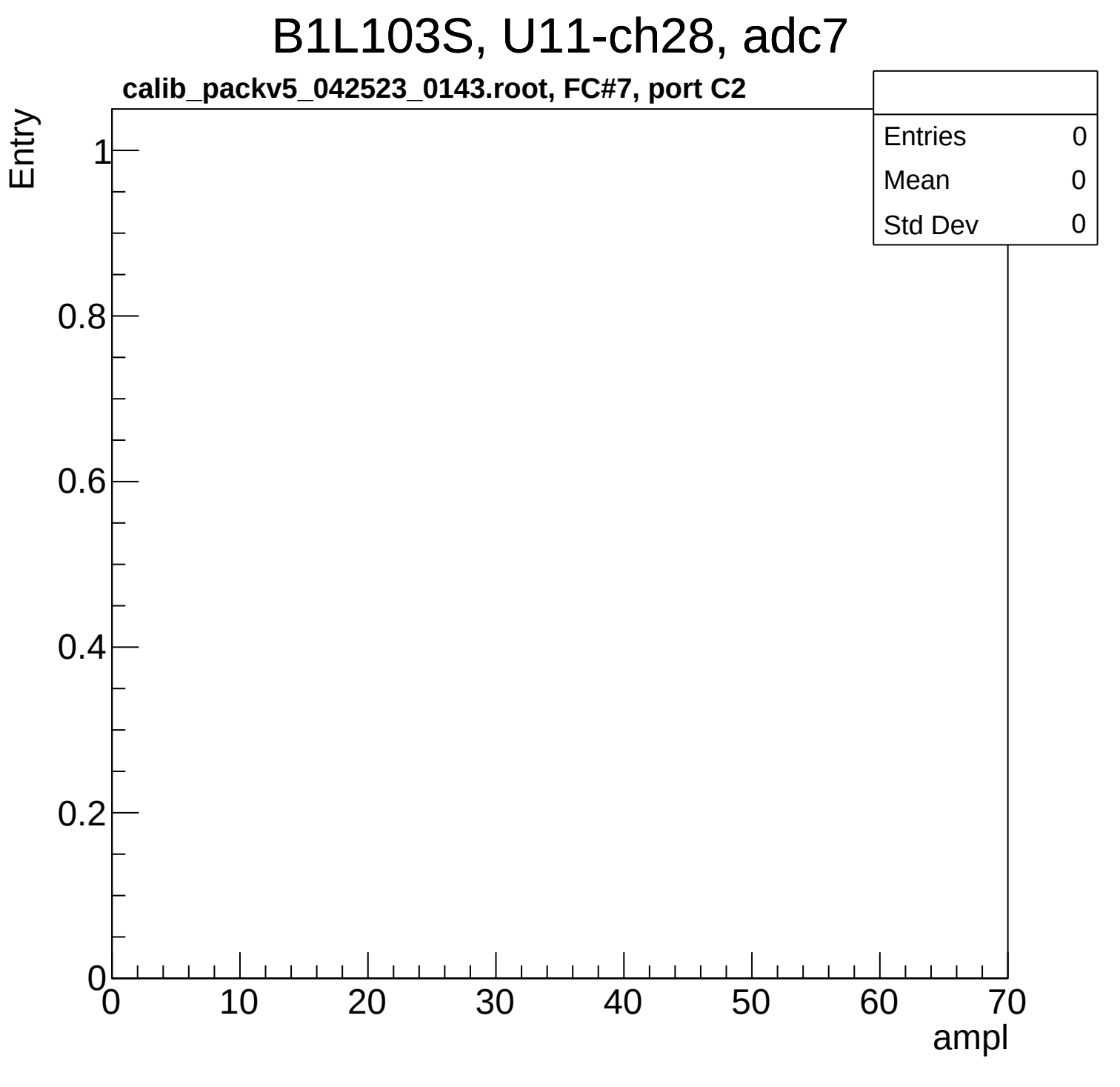

B1L103S, U11-ch28, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 43.85
Std Dev 3.409
Gaus mean : 44.9283
Gaus Width: 4.0085
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

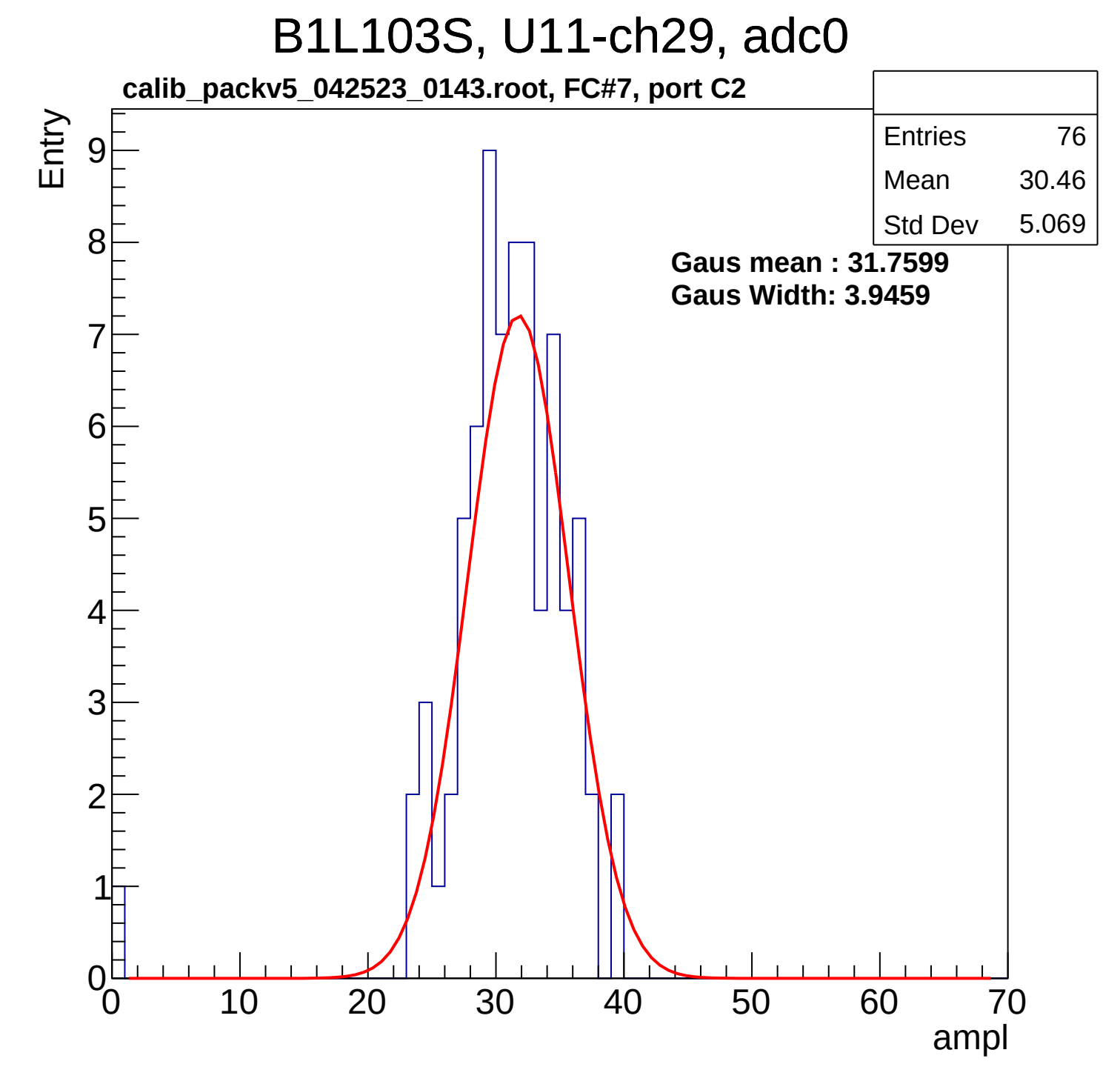

B1L103S, U11-ch28, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 50.32
Std Dev 3.418
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

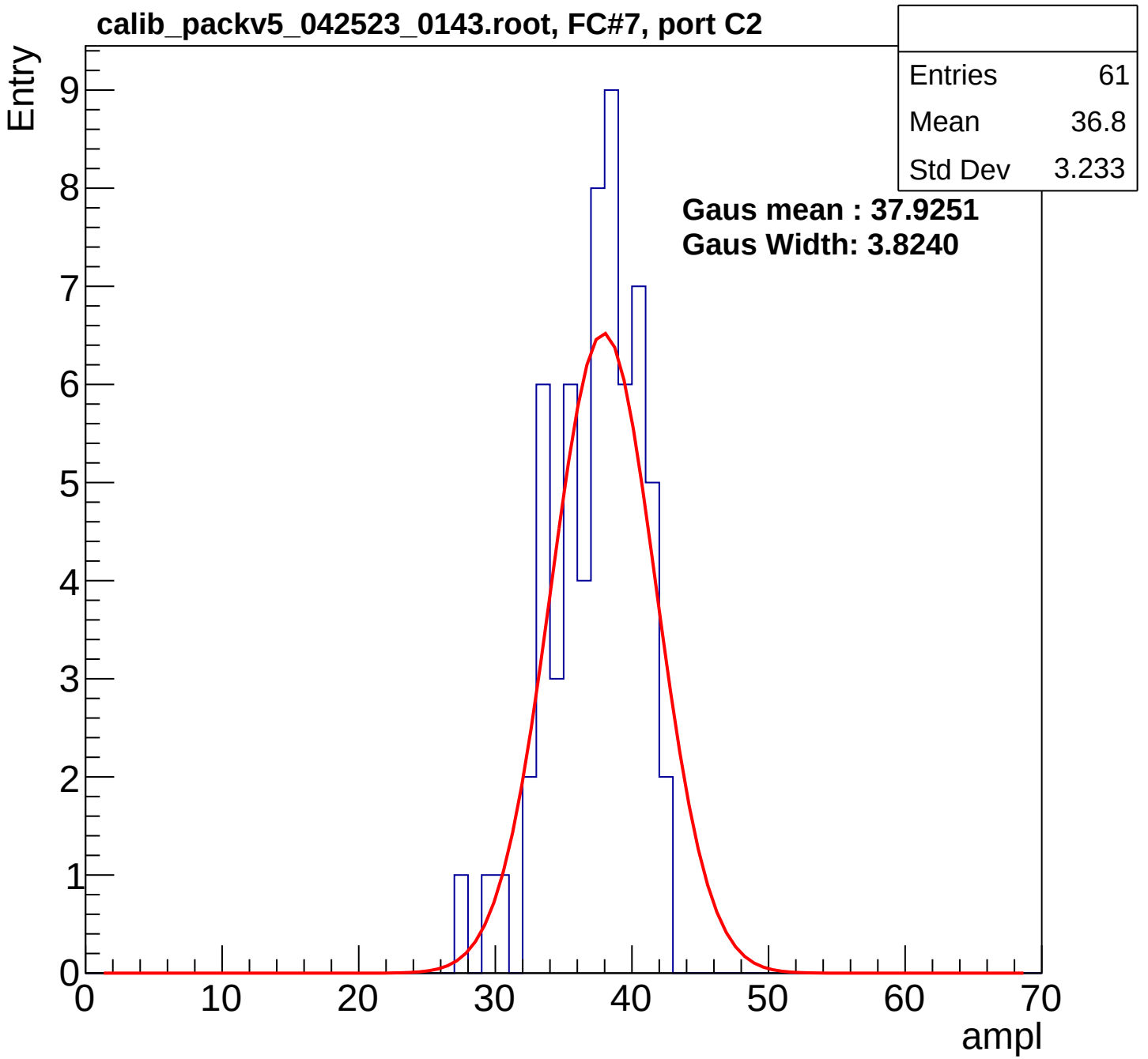

B1L103S, U11-ch28, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 50
Mean 55.34
Std Dev 3.198
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

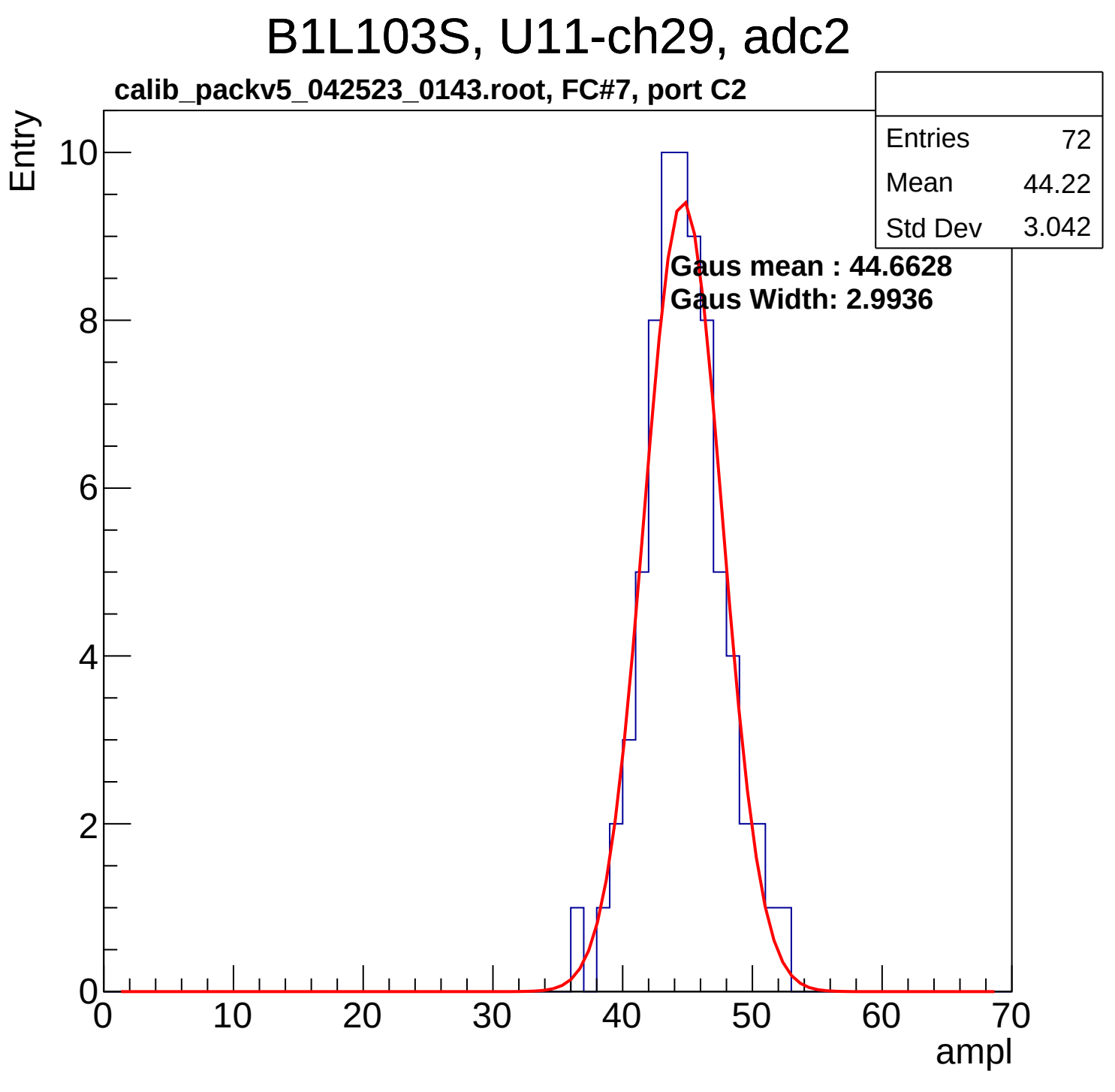

B1L103S, U11-ch28, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 47
Mean 58.62
Std Dev 9.075
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L103S, U11-ch28, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 8
Mean 61
Std Dev 1.323
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U11-ch28, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch29, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 30.46
Std Dev 5.069
Gaus mean : 31.7599
Gaus Width: 3.9459
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch29, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 36.8
Std Dev 3.233
Gaus mean : 37.9251
Gaus Width: 3.8240
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch29, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 44.22
Std Dev 3.042
Gaus mean : 44.6628
Gaus Width: 2.9936
Entry
ampl
0
2
4
6
8
10
0
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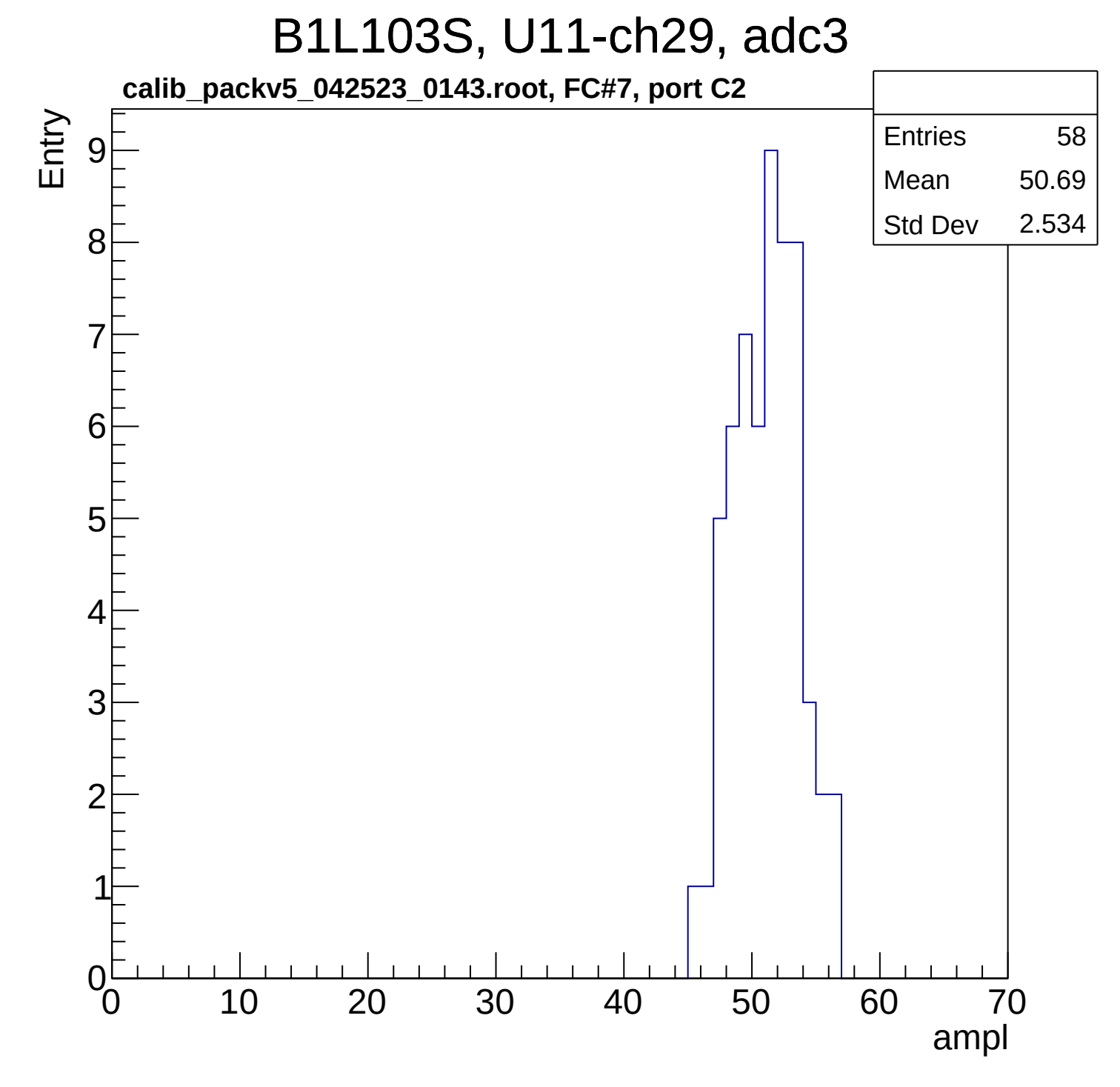
20
30
40
50
60
70


B1L103S, U11-ch29, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 50.69
Std Dev 2.534
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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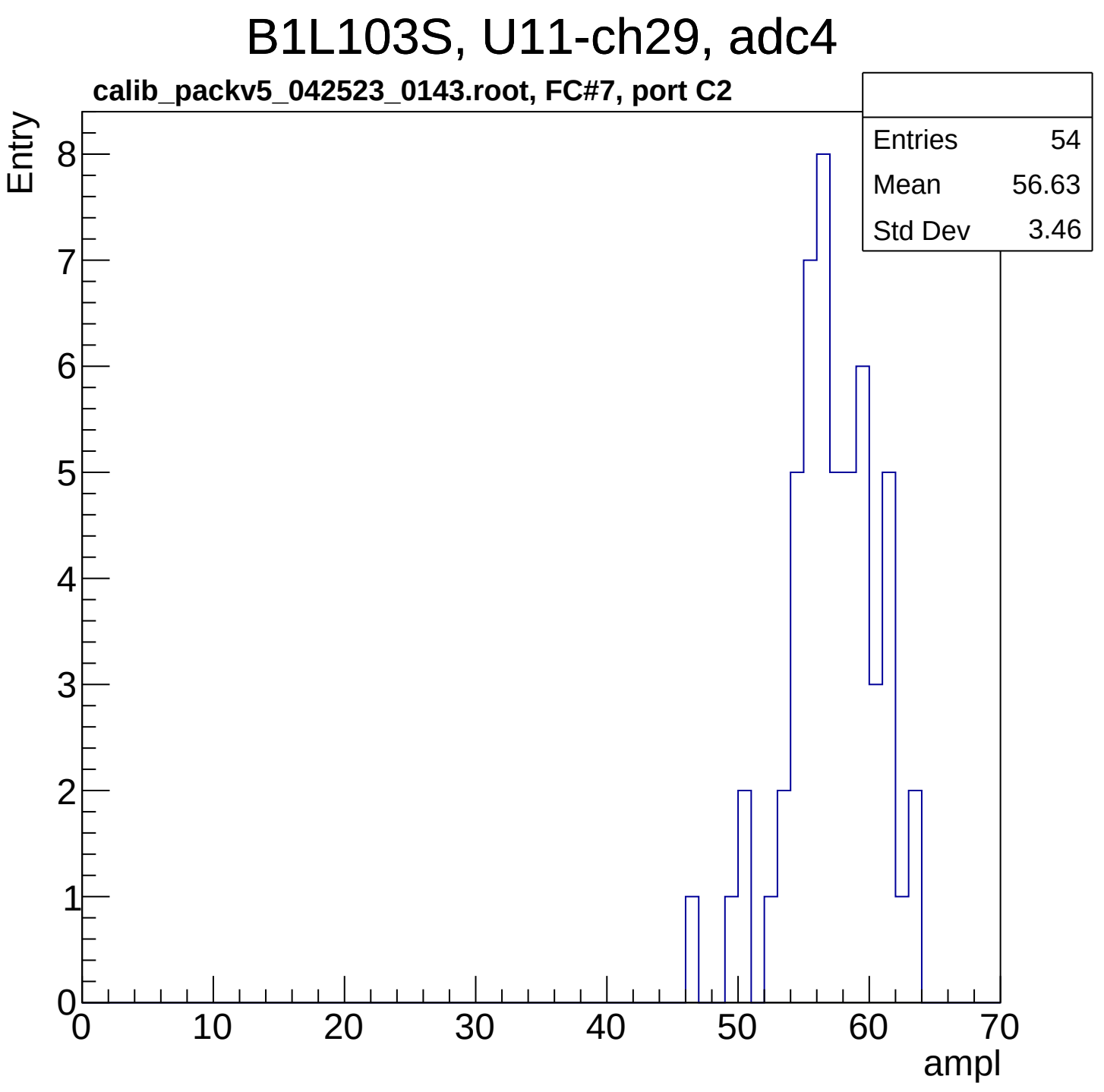
B1L103S, U11-ch29, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 56.63
Std Dev 3.46
Entry
ampl
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1
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3
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7
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0
10
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40
50
60
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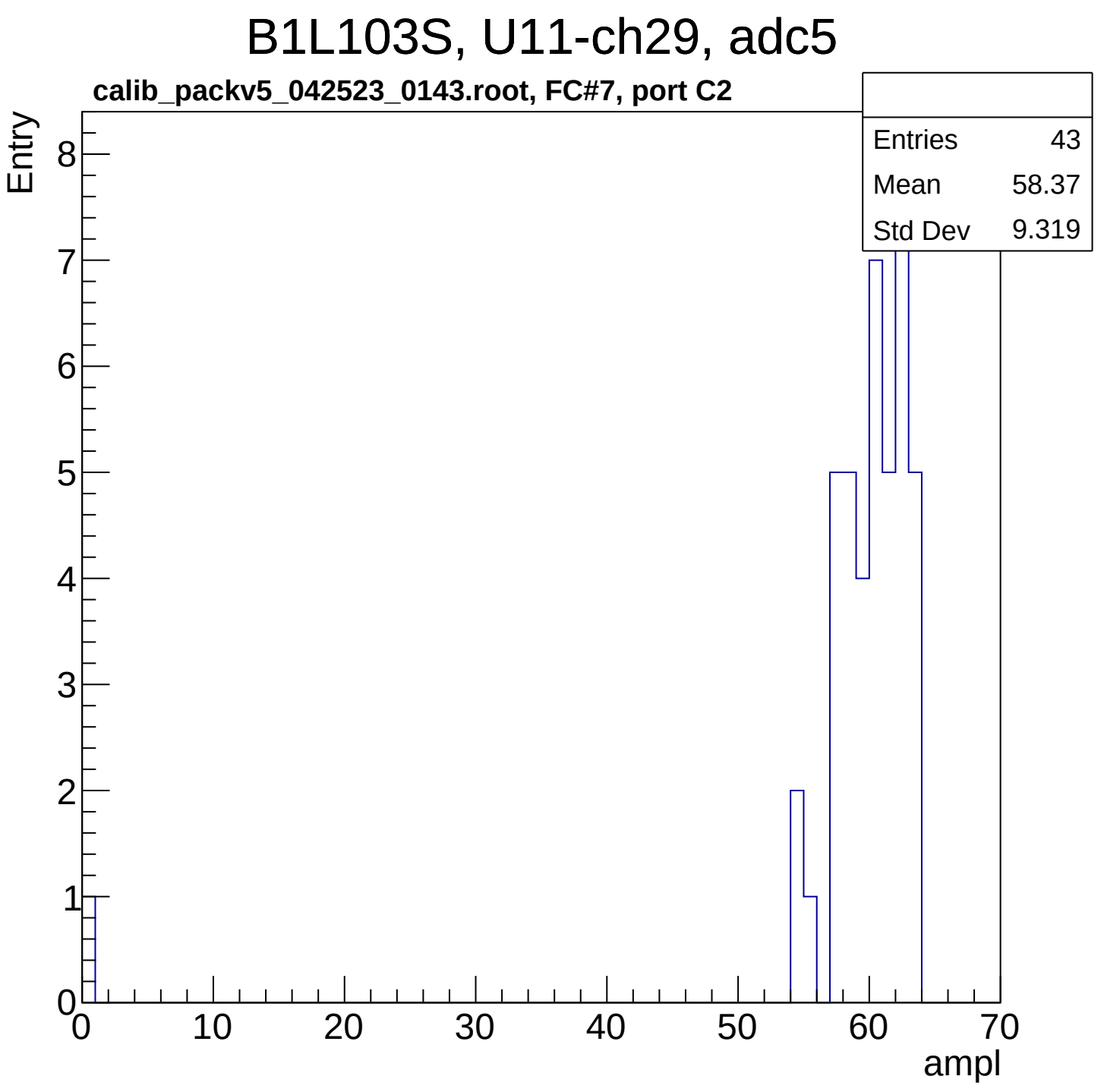
B1L103S, U11-ch29, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 43
Mean 58.37
Std Dev 9.319
Entry
ampl
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2
3
4
5
6
7
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0
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20
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40
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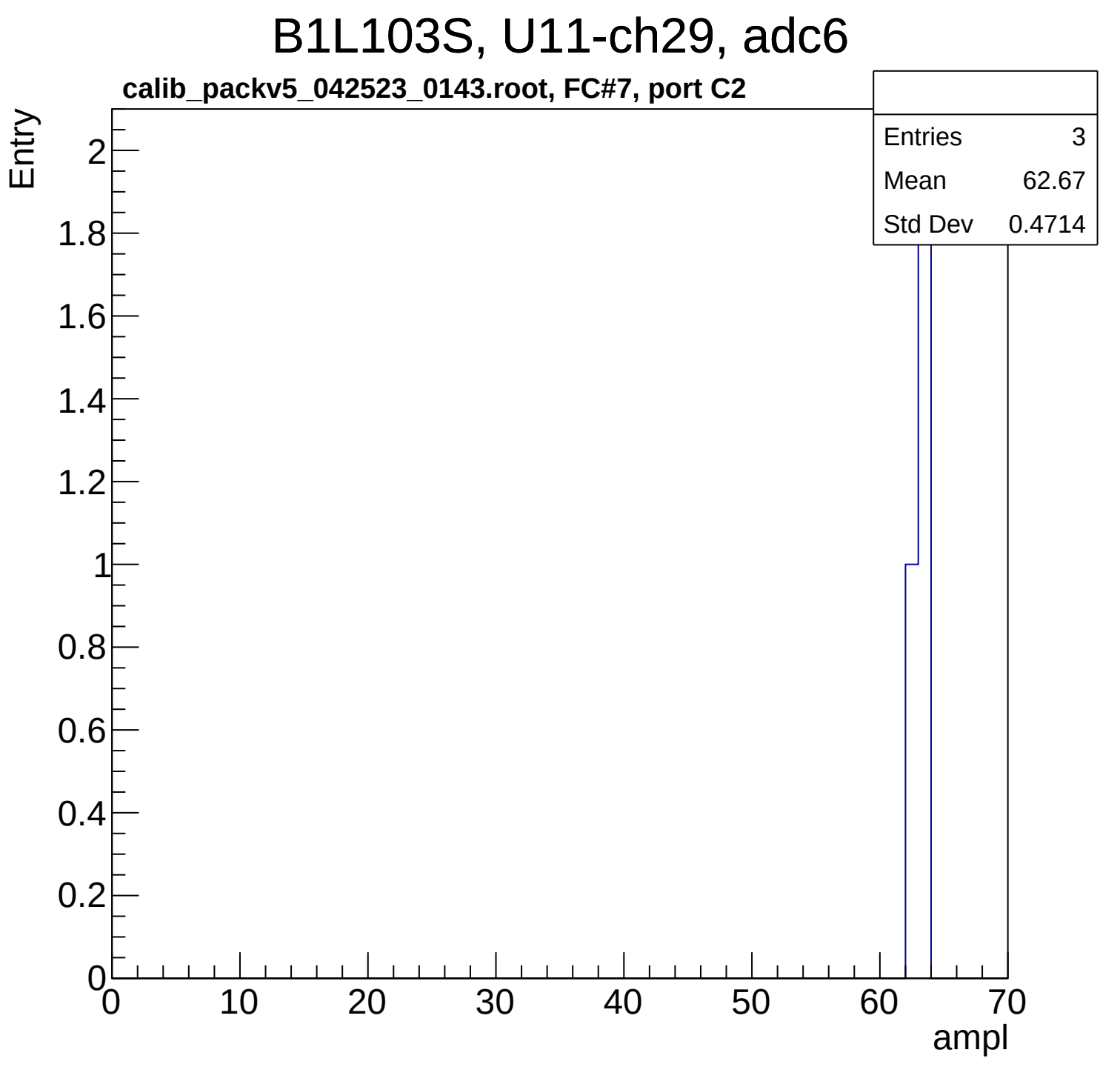
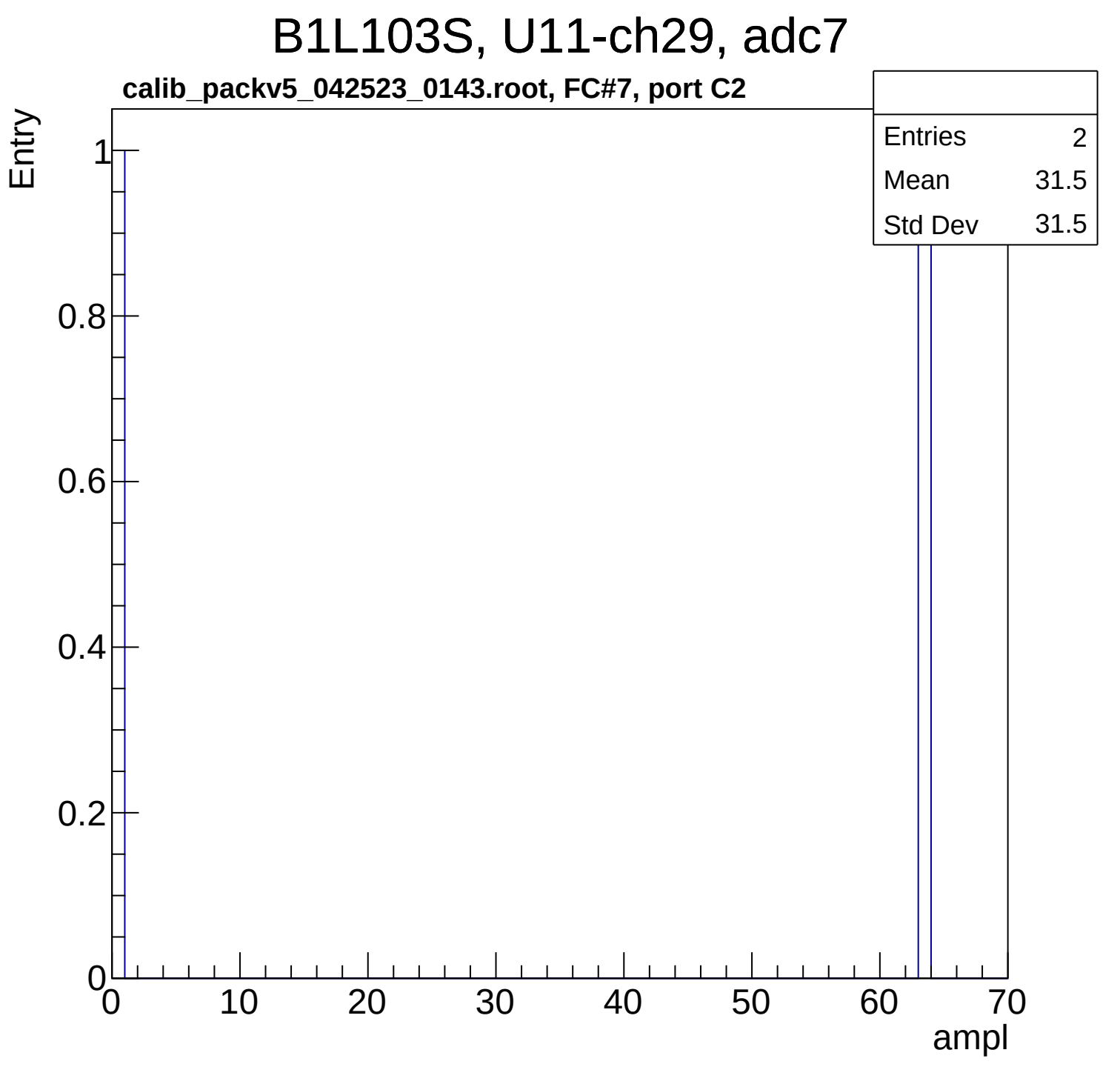
60
70


B1L103S, U11-ch29, adc6
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch29, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 31.5
Std Dev 31.5
Entry
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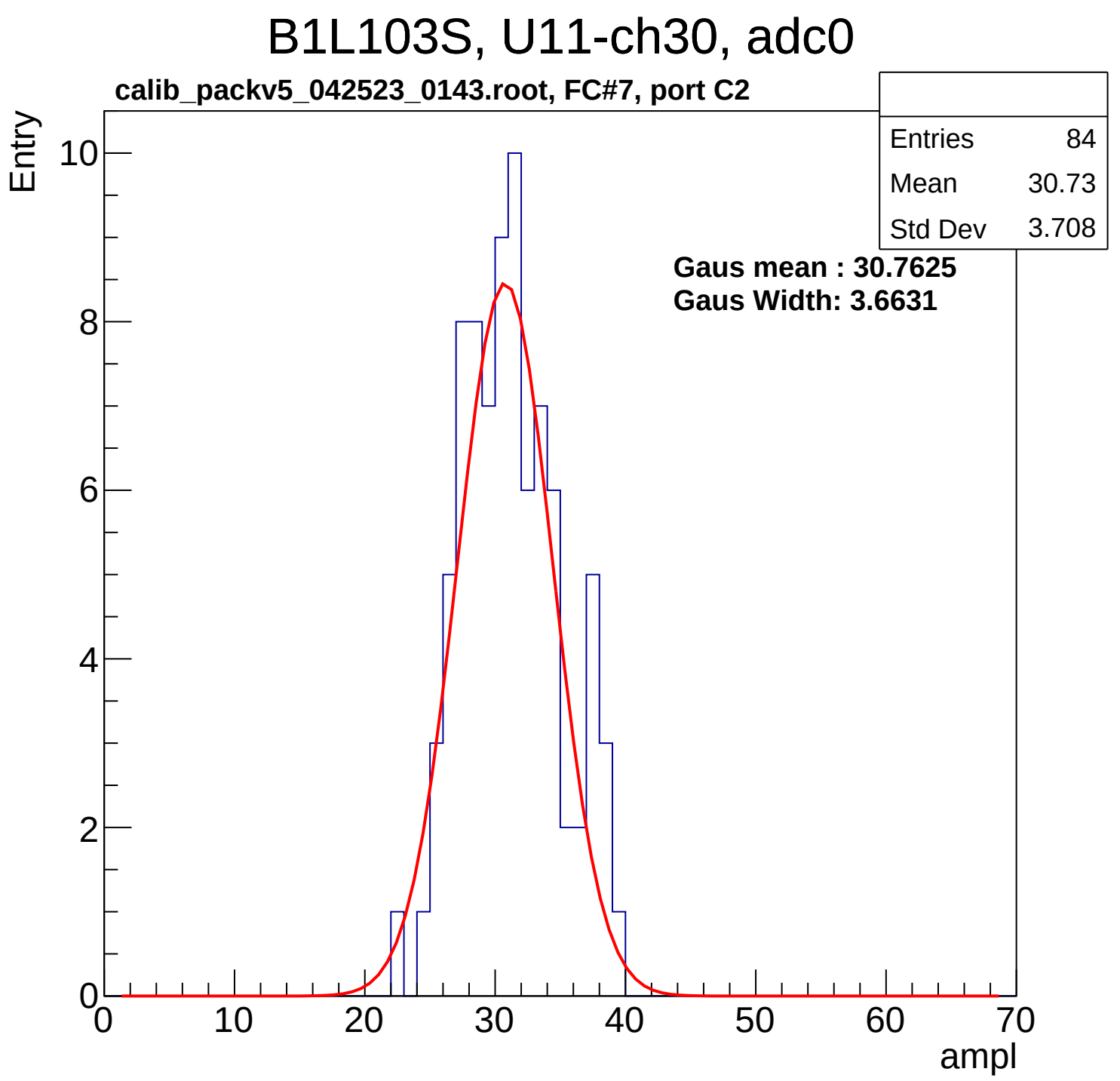
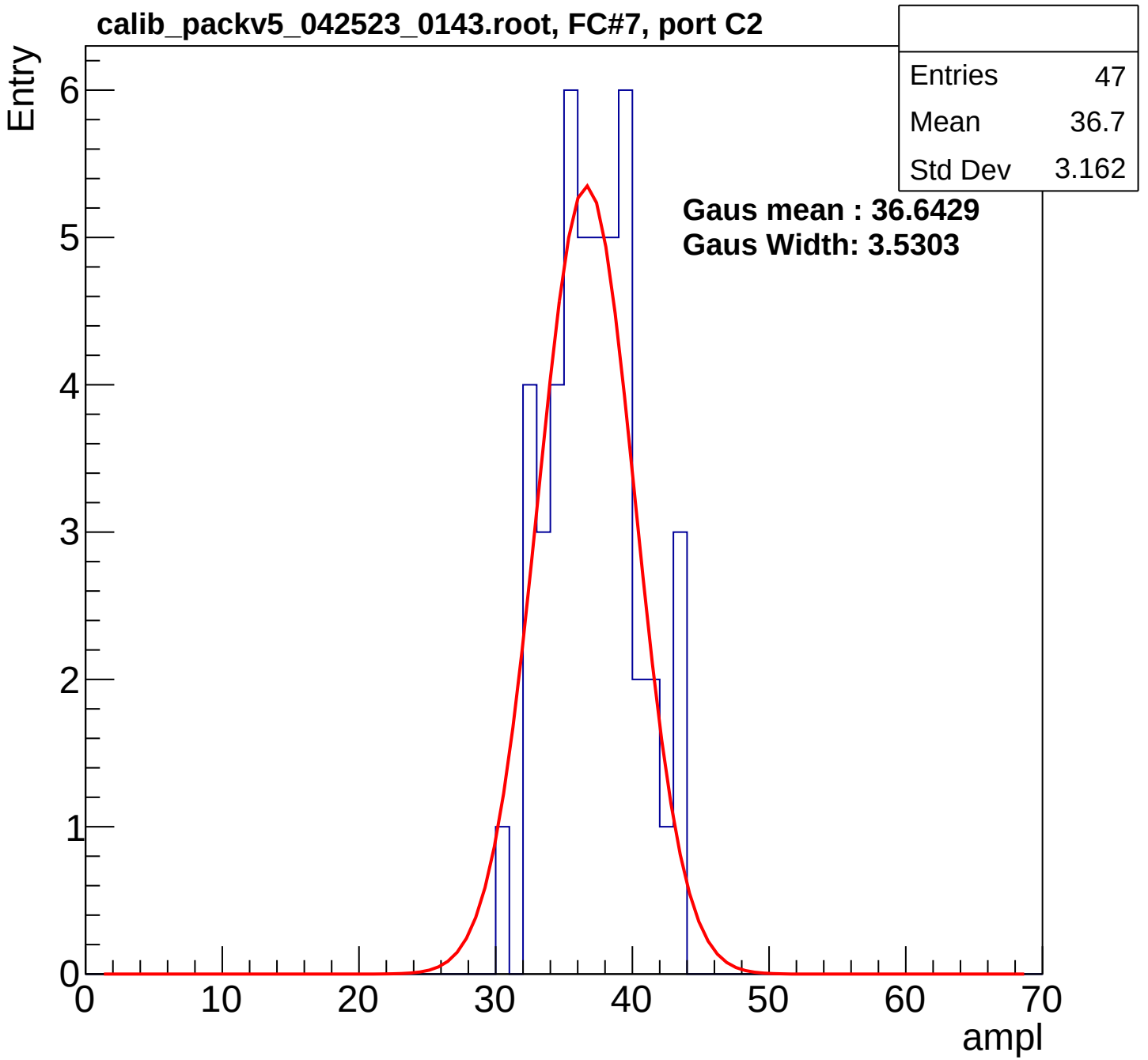
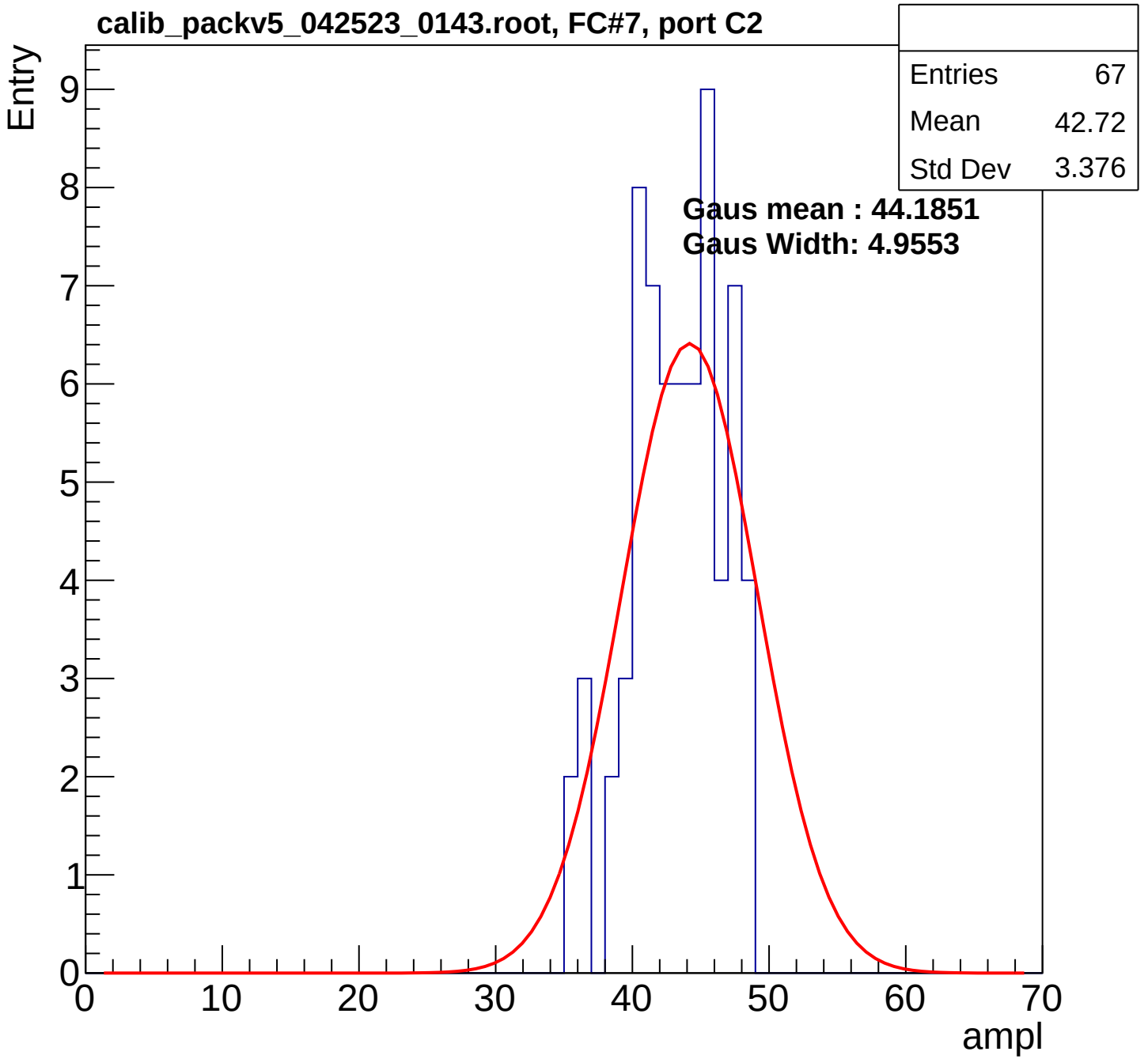
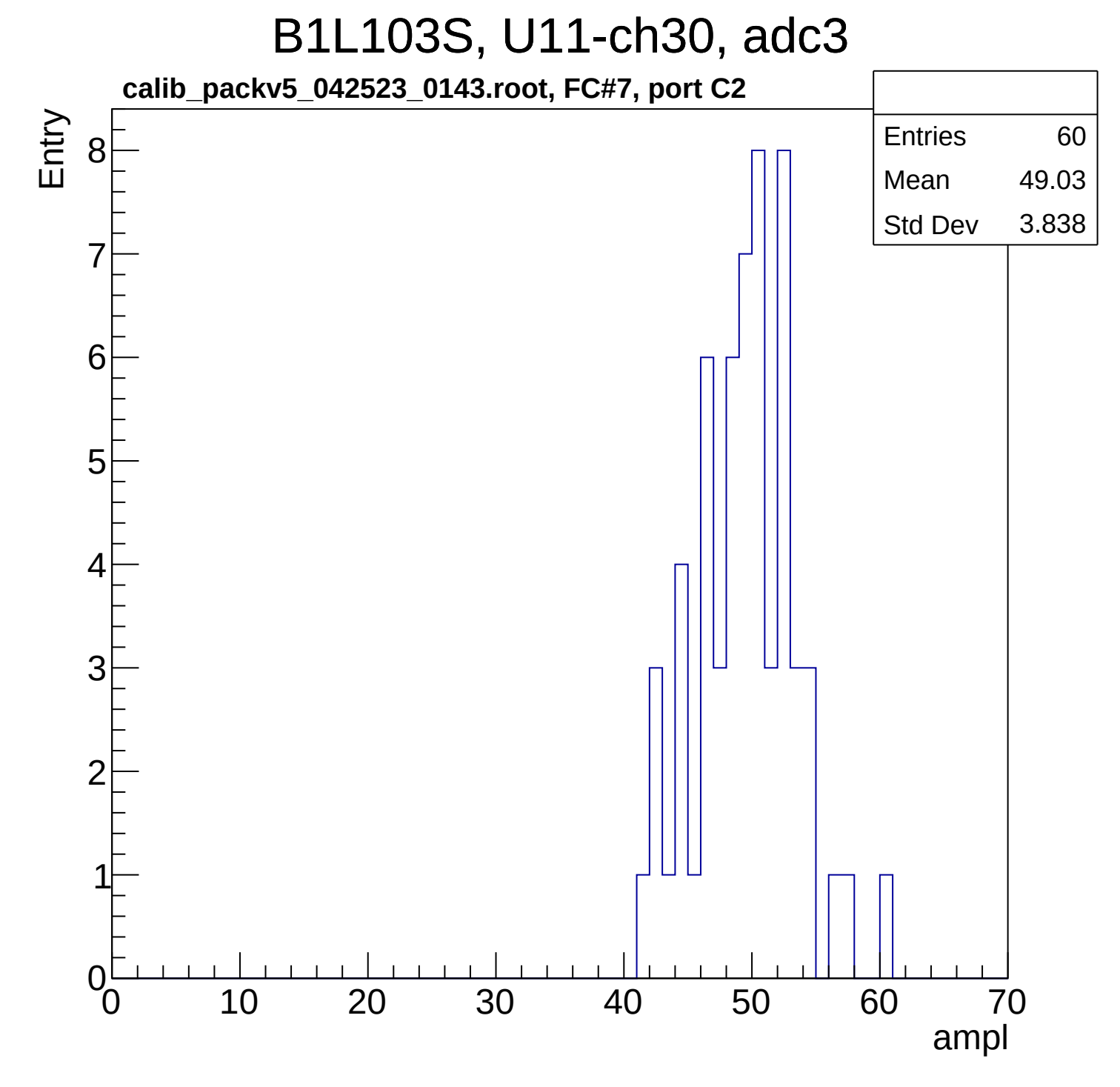
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch30, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 84
Mean 30.73
Std Dev 3.708
Gaus mean : 30.7625
Gaus Width: 3.6631
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch30, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 47
Mean 36.7
Std Dev 3.162
Gaus mean : 36.6429
Gaus Width: 3.5303
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L103S, U11-ch30, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 42.72
Std Dev 3.376
Gaus mean : 44.1851
Gaus Width: 4.9553
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch30, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 49.03
Std Dev 3.838
Entry
ampl
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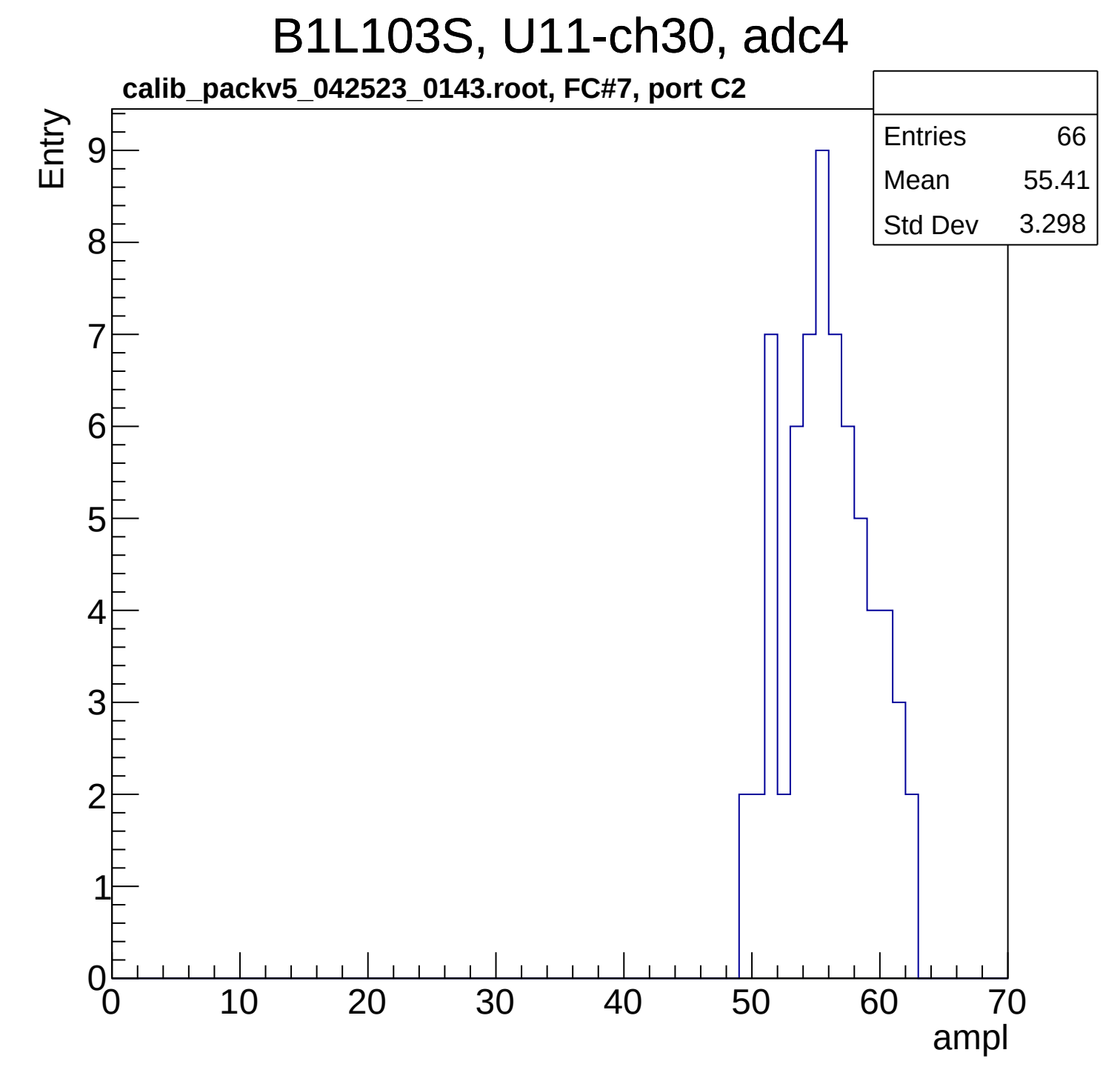
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch30, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 55.41
Std Dev 3.298
Entry
ampl
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2
3
4
5
6
7
8
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40
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60
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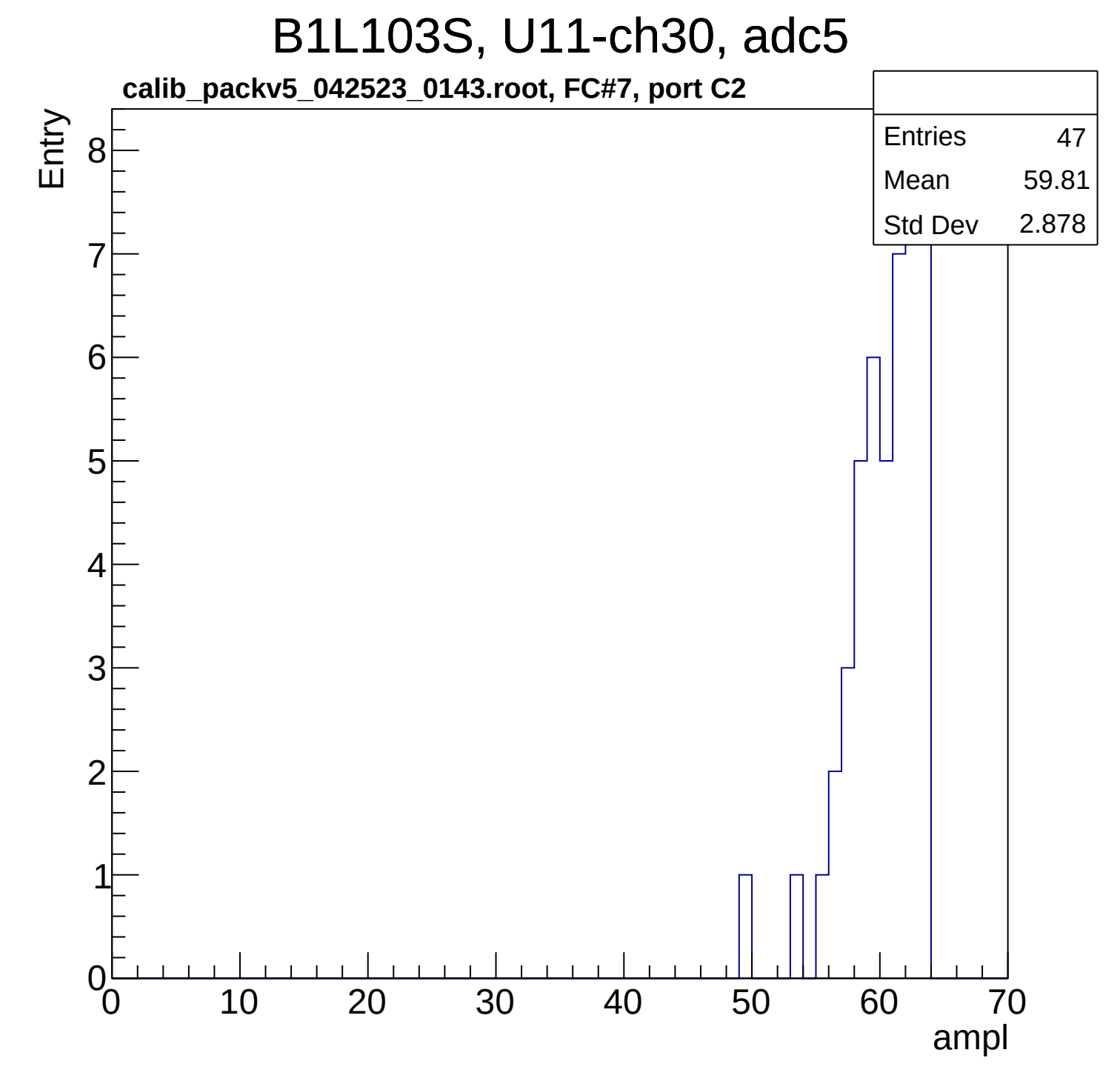
B1L103S, U11-ch30, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 47
Mean 59.81
Std Dev 2.878
Entry
ampl
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2
3
4
5
6
7
8
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30
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60
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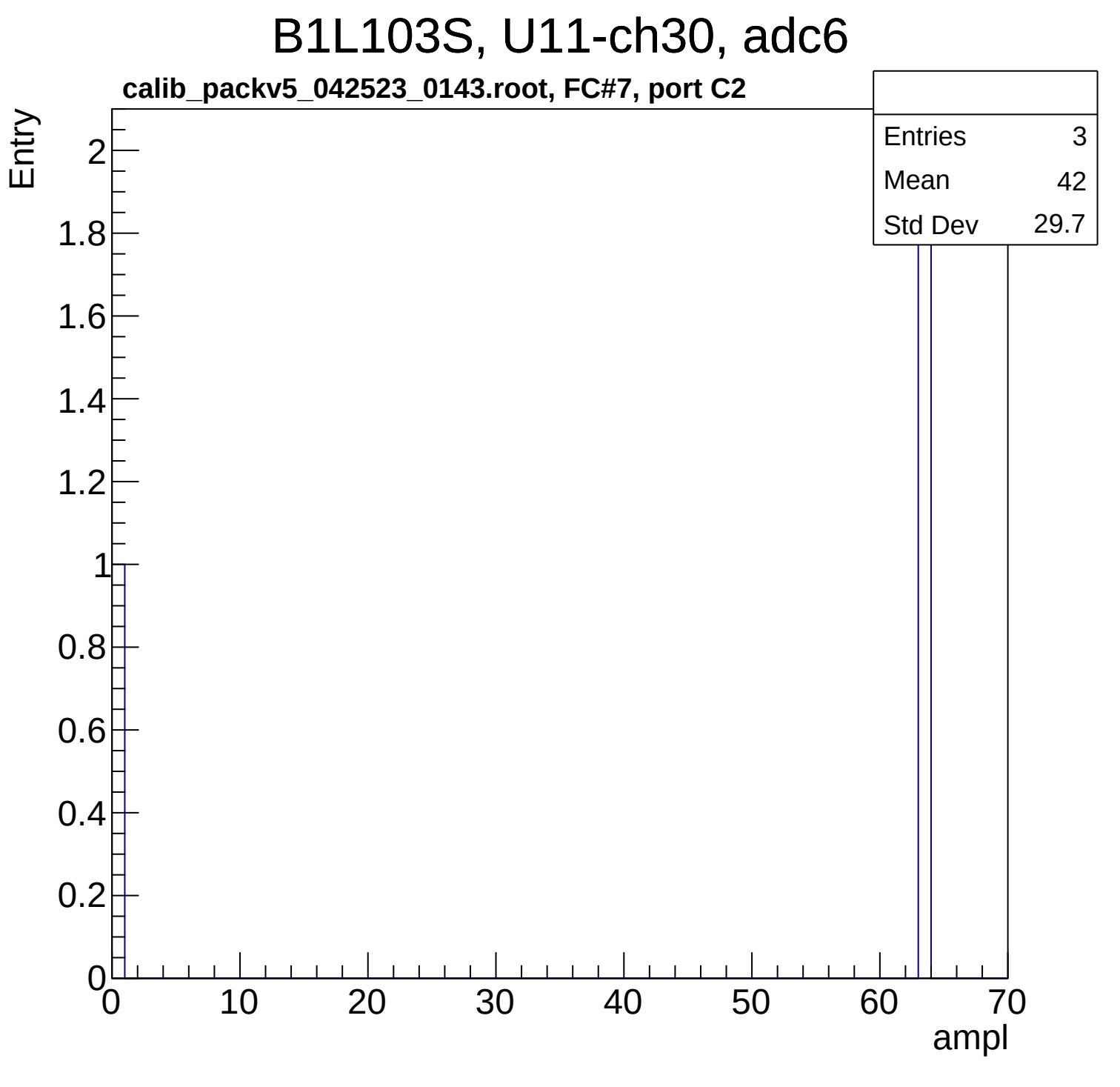
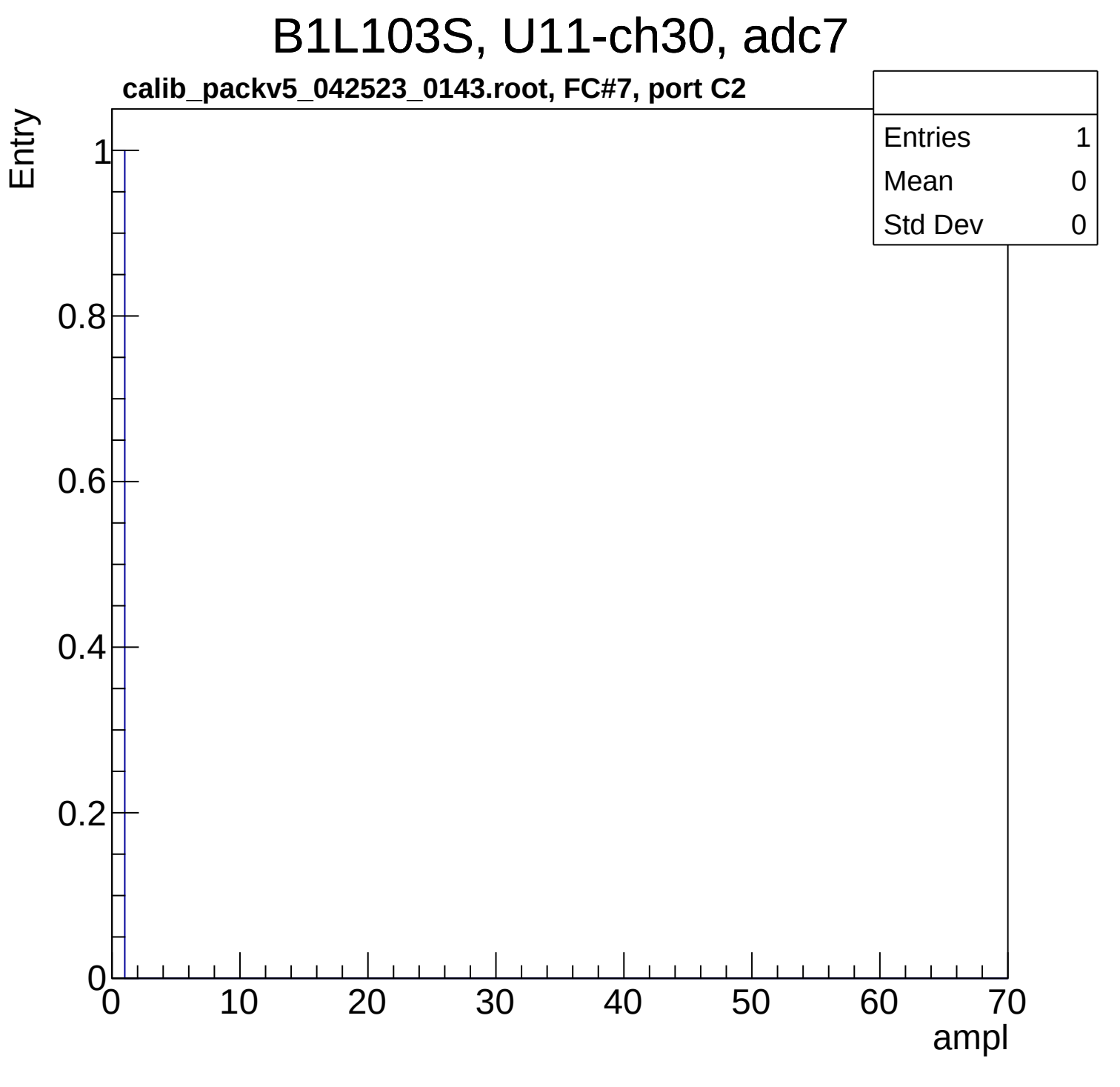

B1L103S, U11-ch30, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 42
Std Dev 29.7
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L103S, U11-ch30, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
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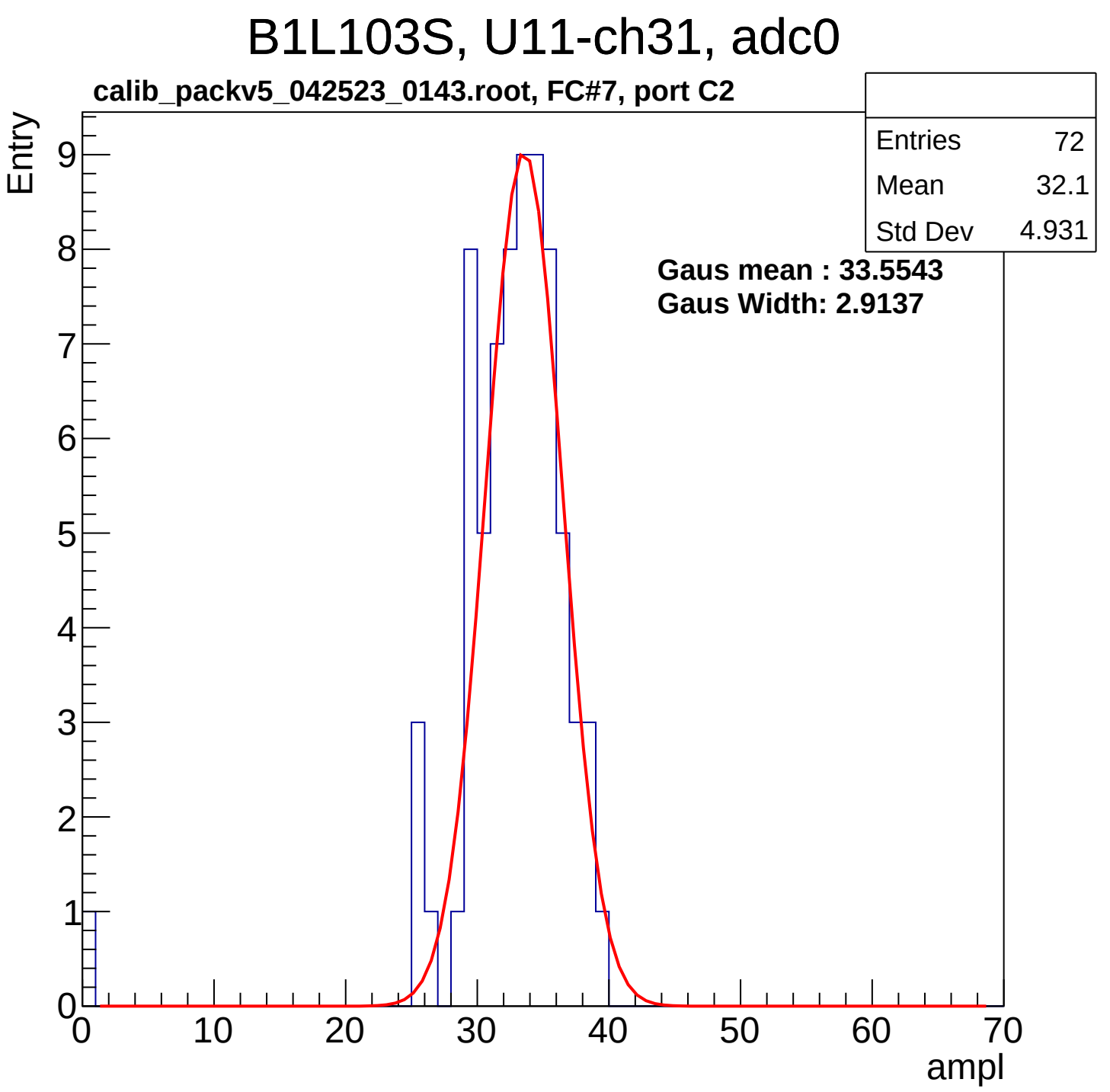
40
50
60
70
ampl


B1L103S, U11-ch31, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 32.1
Std Dev 4.931
Gaus mean : 33.5543
Gaus Width: 2.9137
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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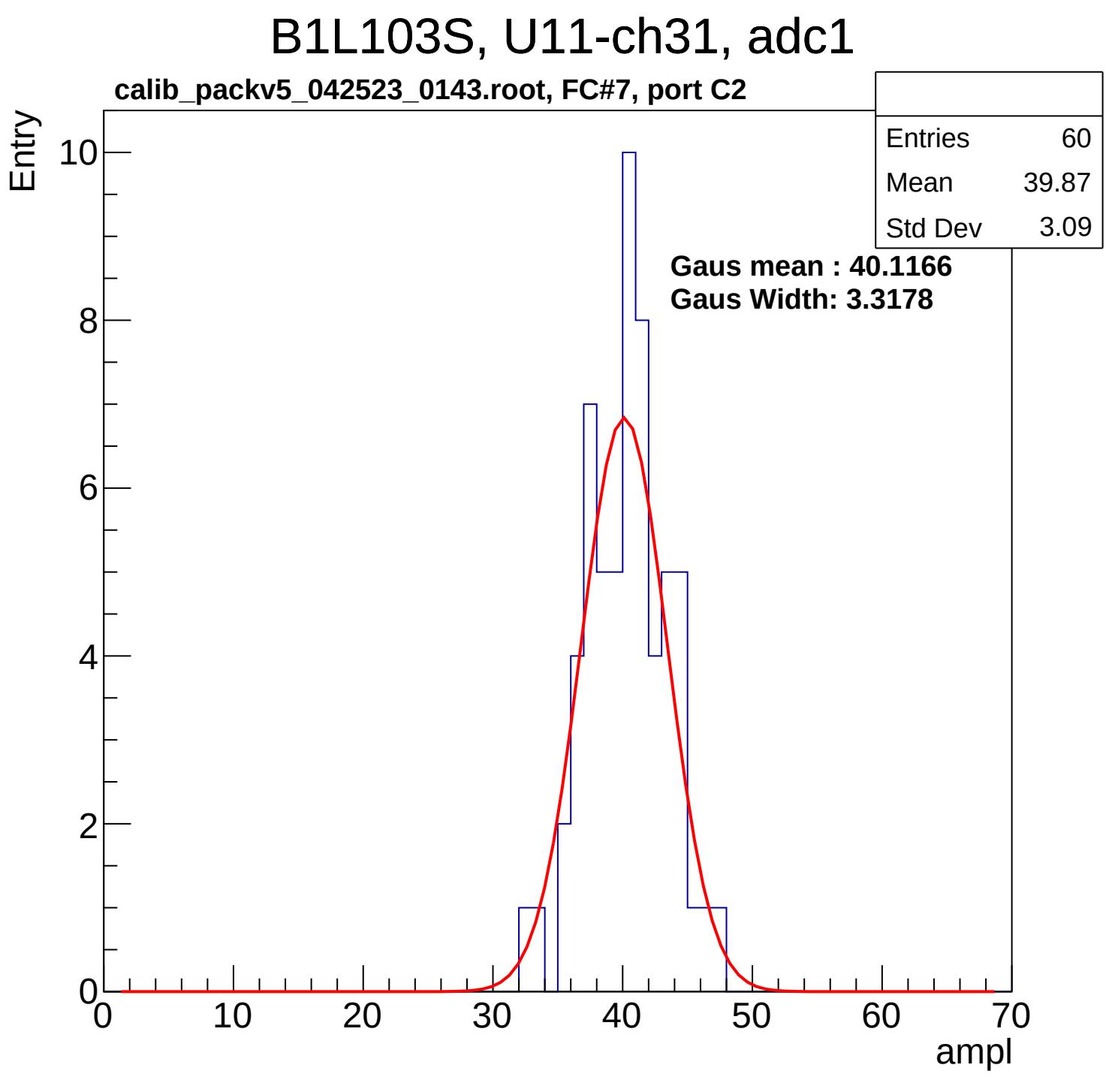
B1L103S, U11-ch31, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 39.87
Std Dev 3.09
Gaus mean : 40.1166
Gaus Width: 3.3178
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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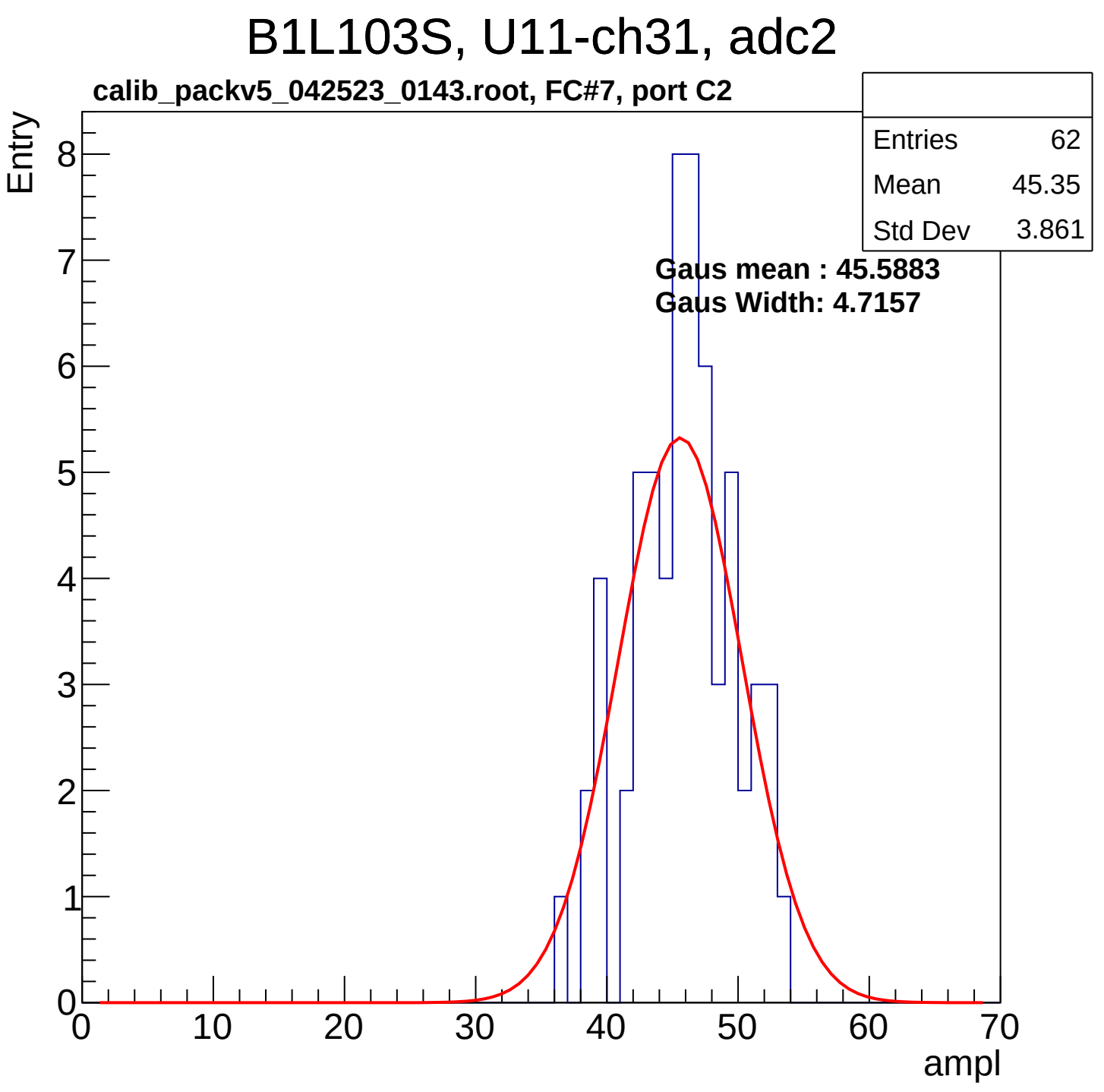
B1L103S, U11-ch31, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 45.35
Std Dev 3.861
Gaus mean : 45.5883
Gaus Width: 4.7157
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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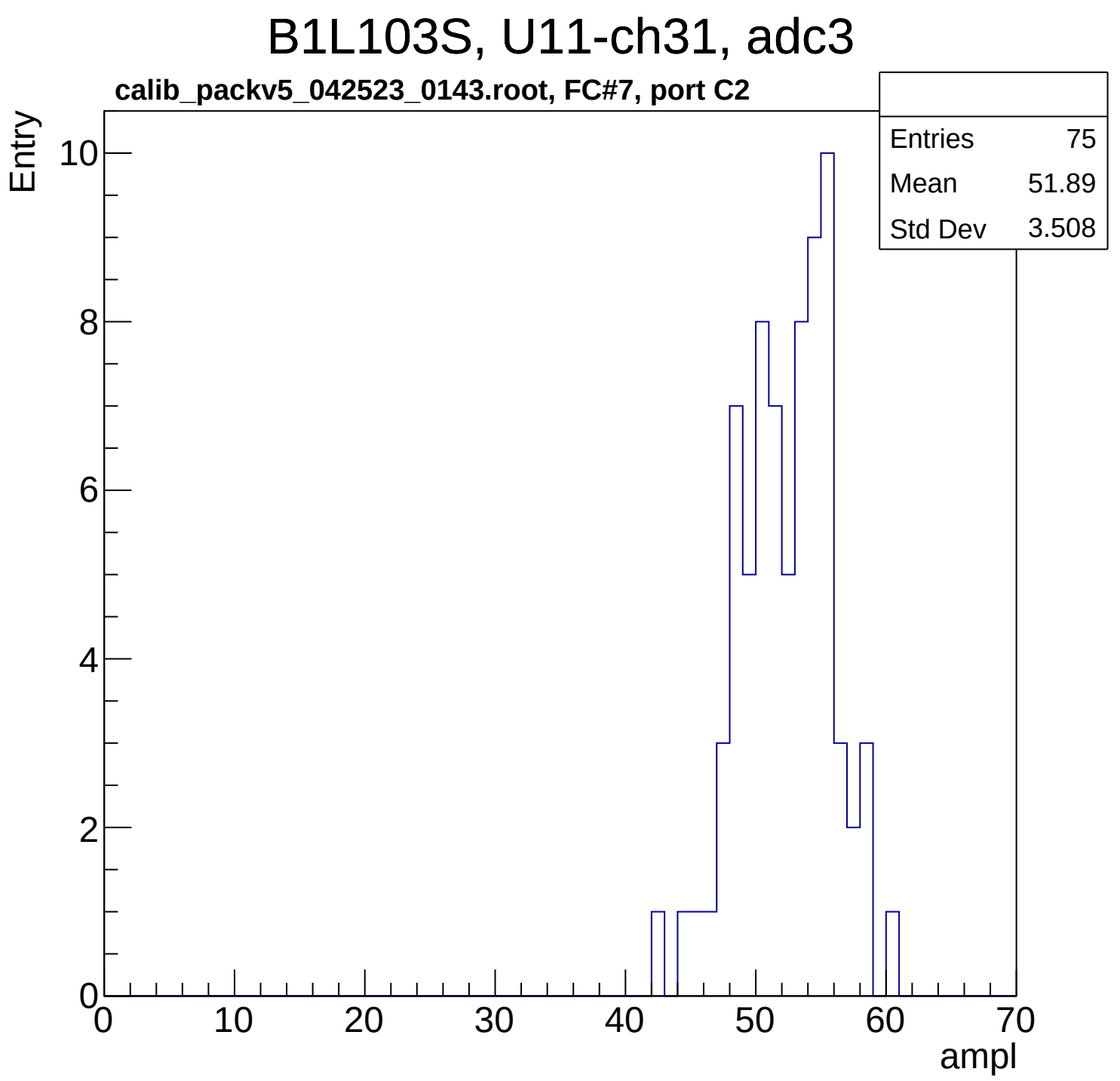
B1L103S, U11-ch31, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 75
Mean 51.89
Std Dev 3.508
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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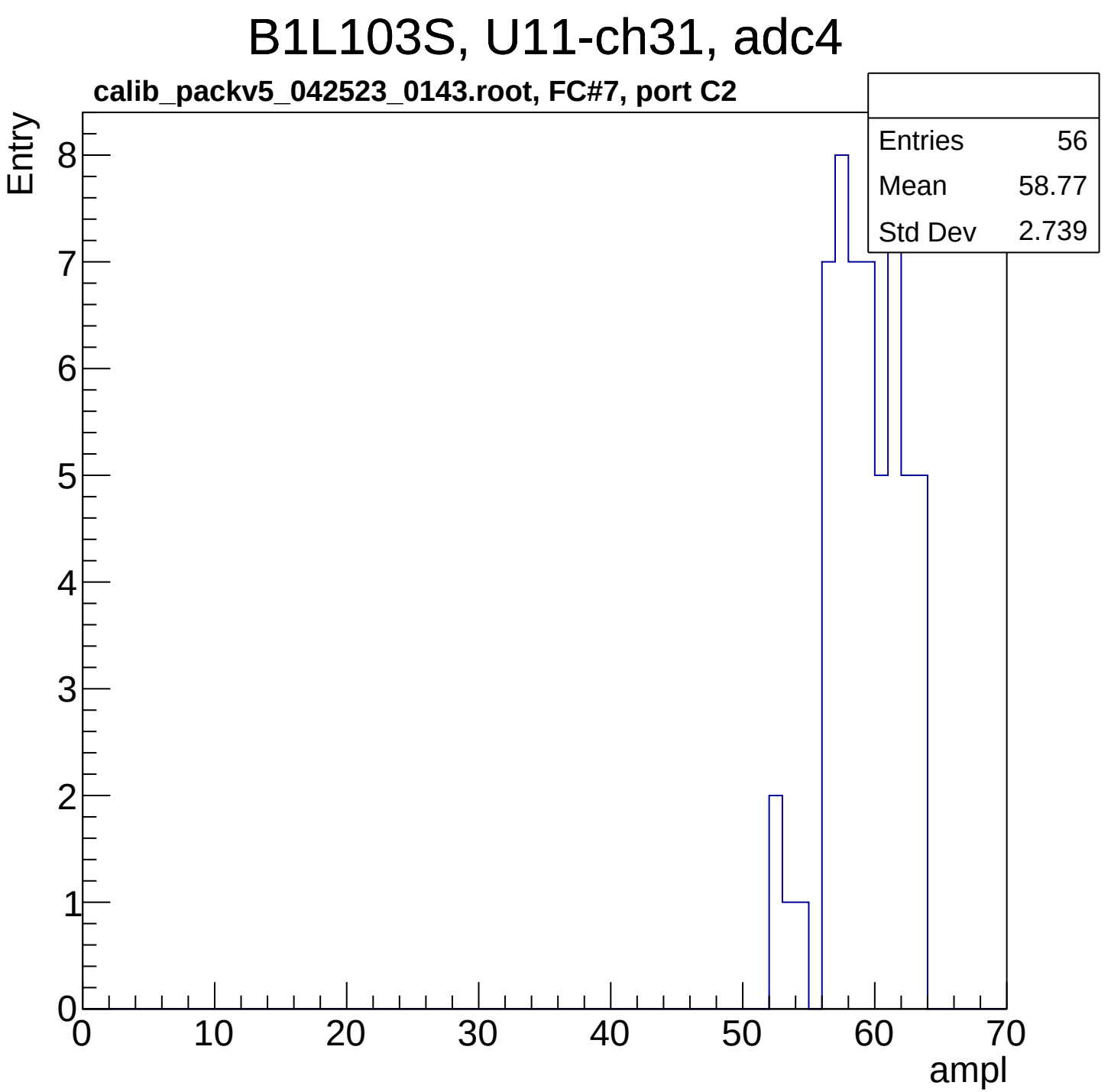
B1L103S, U11-ch31, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 58.77
Std Dev 2.739
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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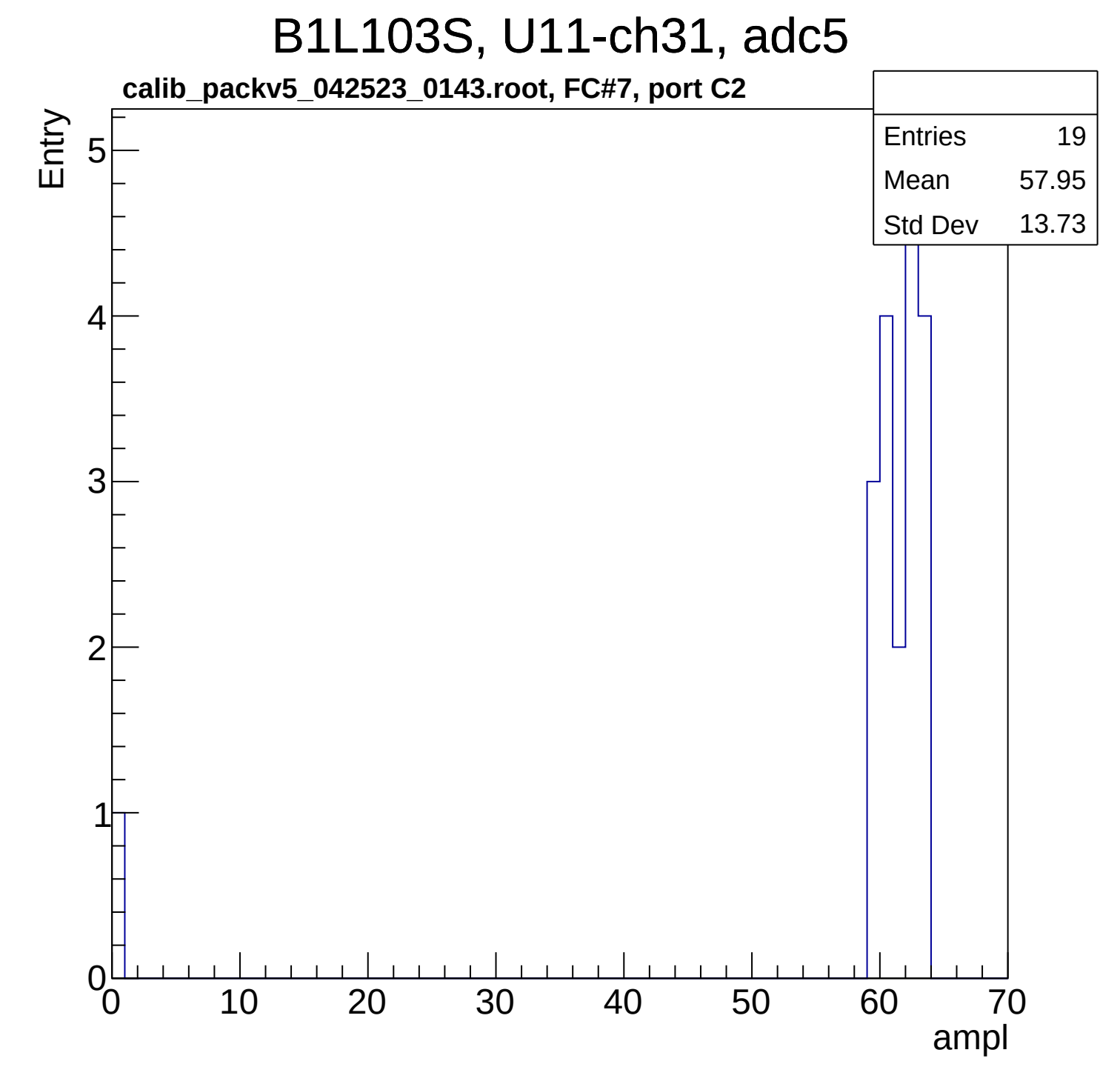
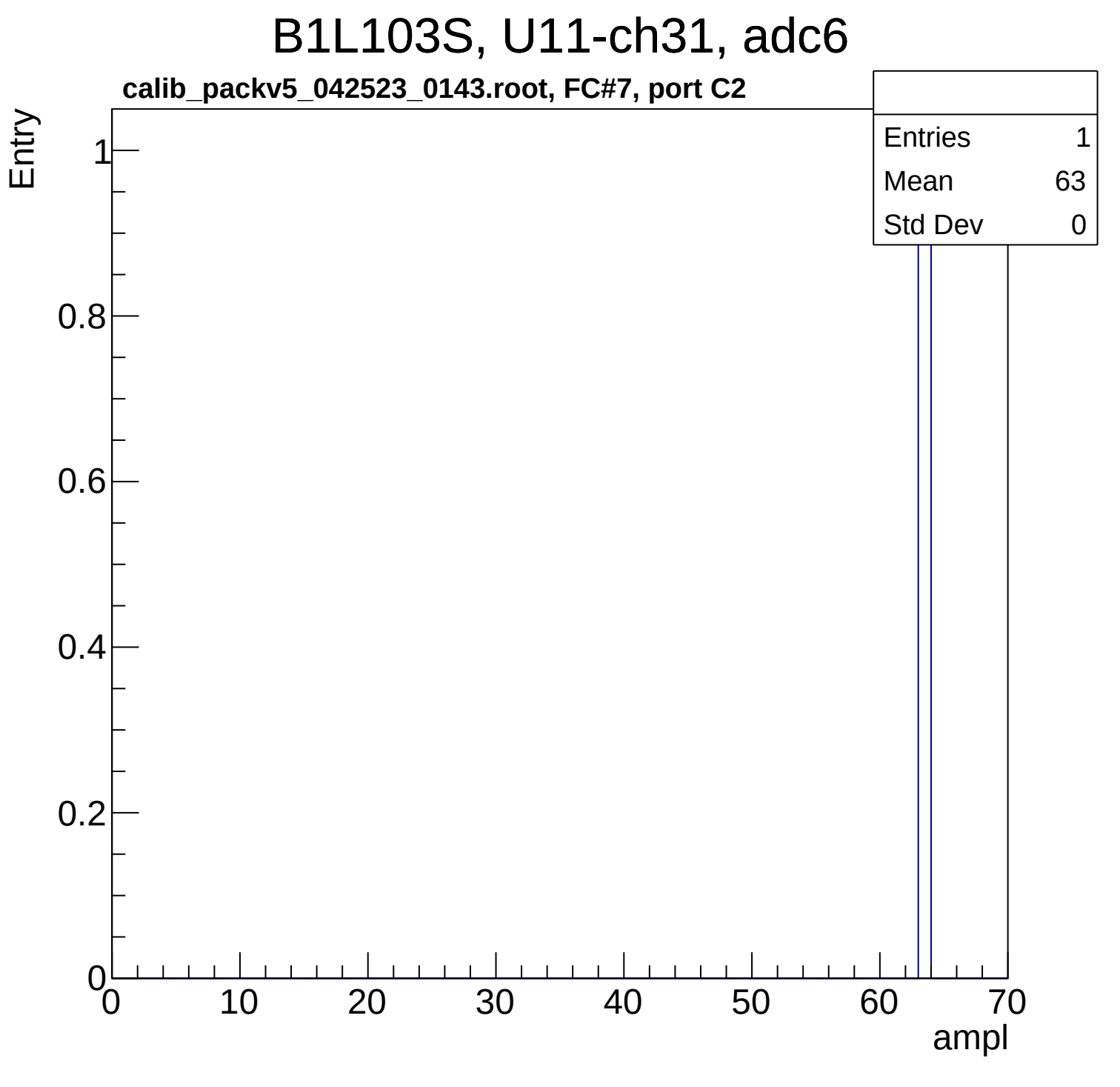

B1L103S, U11-ch31, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 19
Mean 57.95
Std Dev 13.73
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch31, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 63
Std Dev 0
Entry
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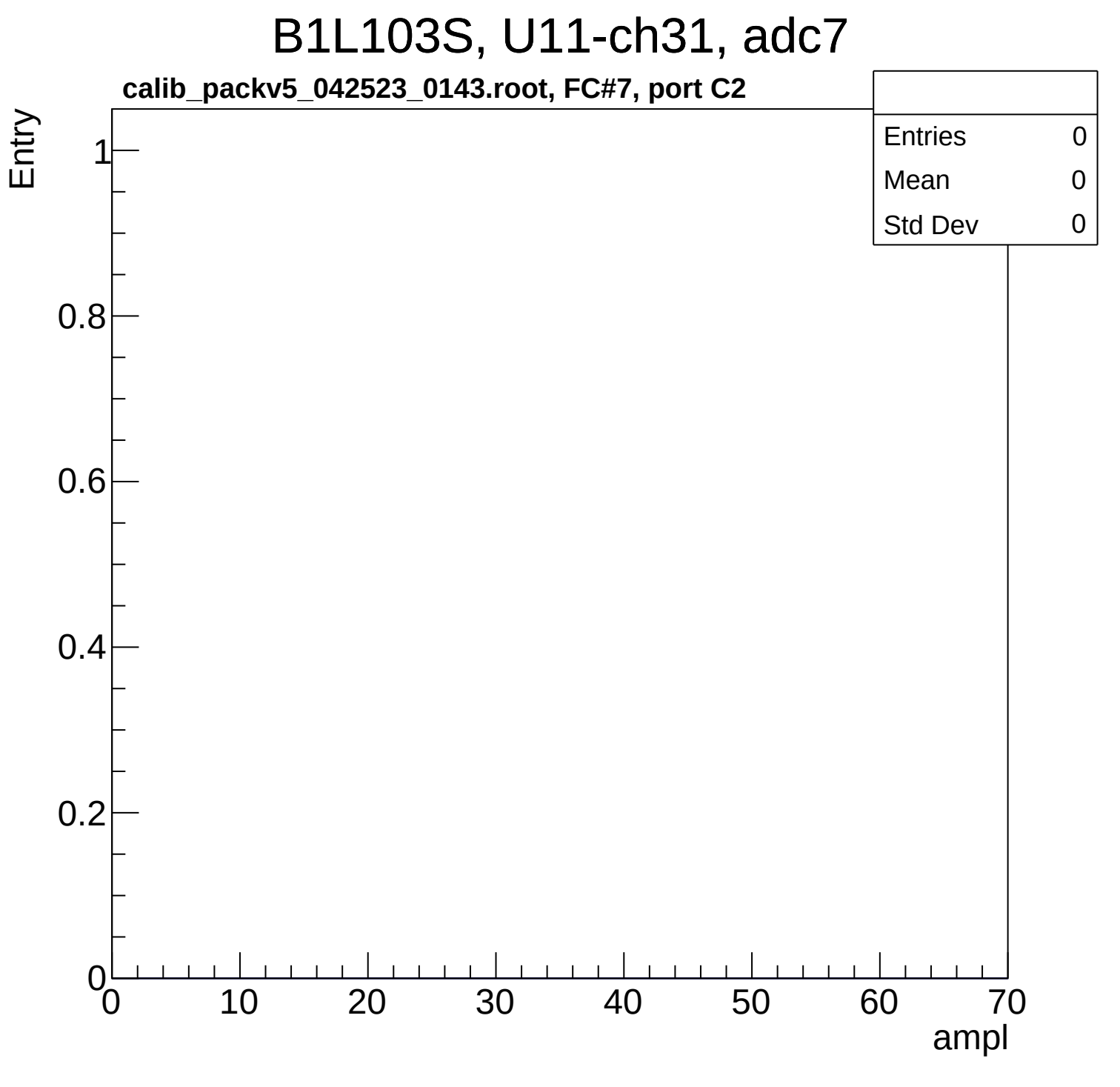
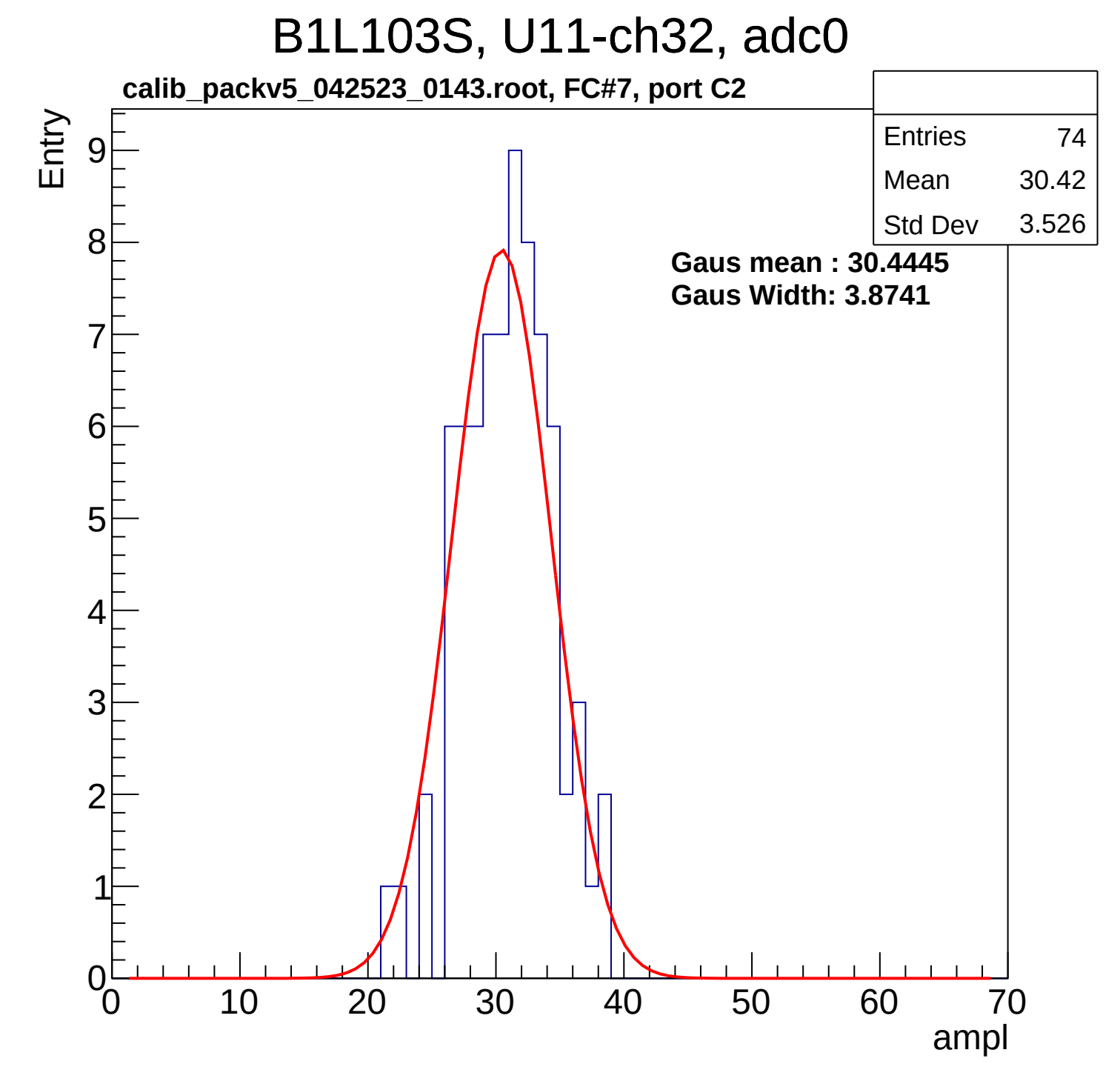
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch31, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch32, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 30.42
Std Dev 3.526
Gaus mean : 30.4445
Gaus Width: 3.8741
Entry
ampl
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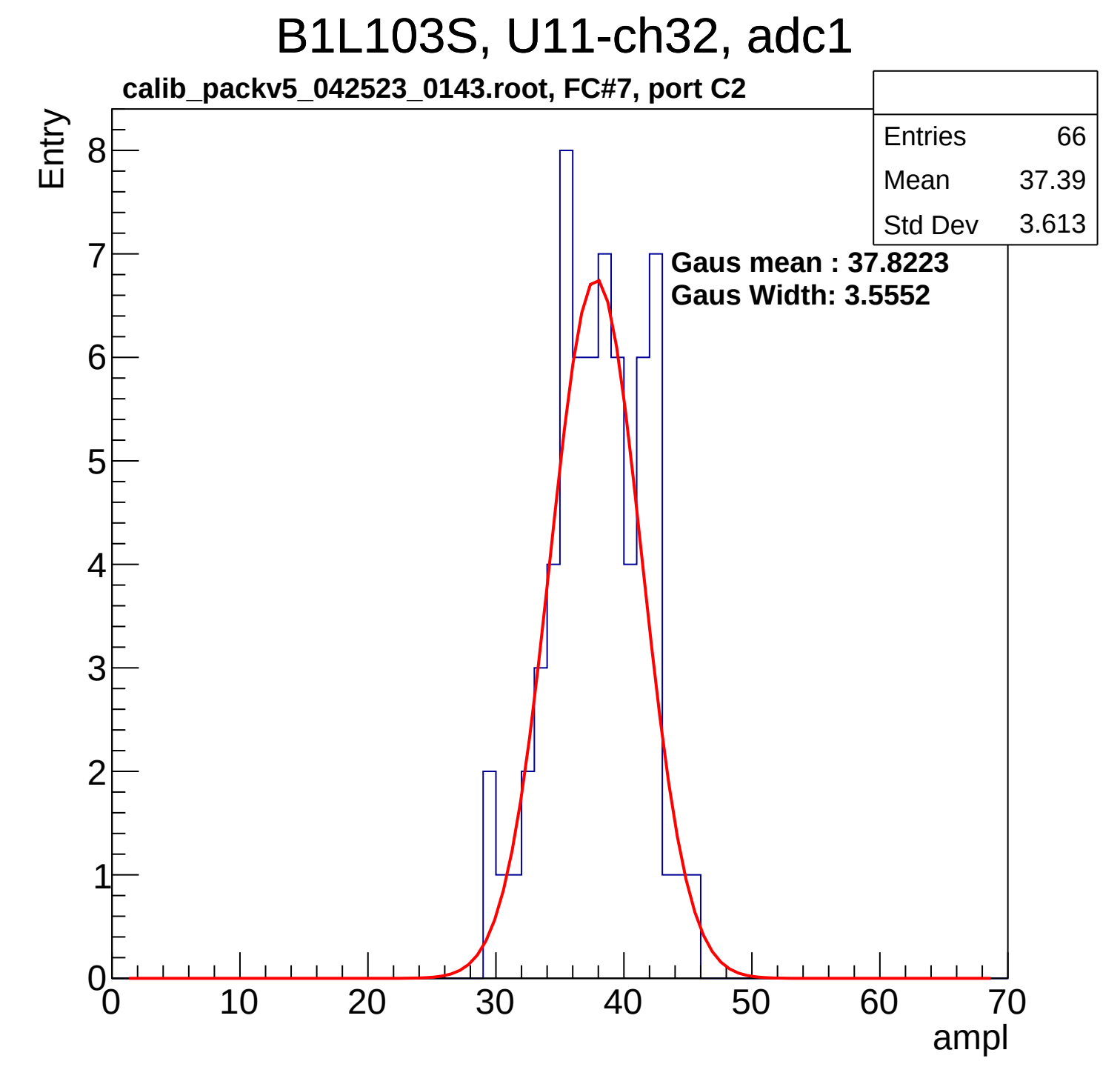
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch32, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 37.39
Std Dev 3.613
Gaus mean : 37.8223
Gaus Width: 3.5552
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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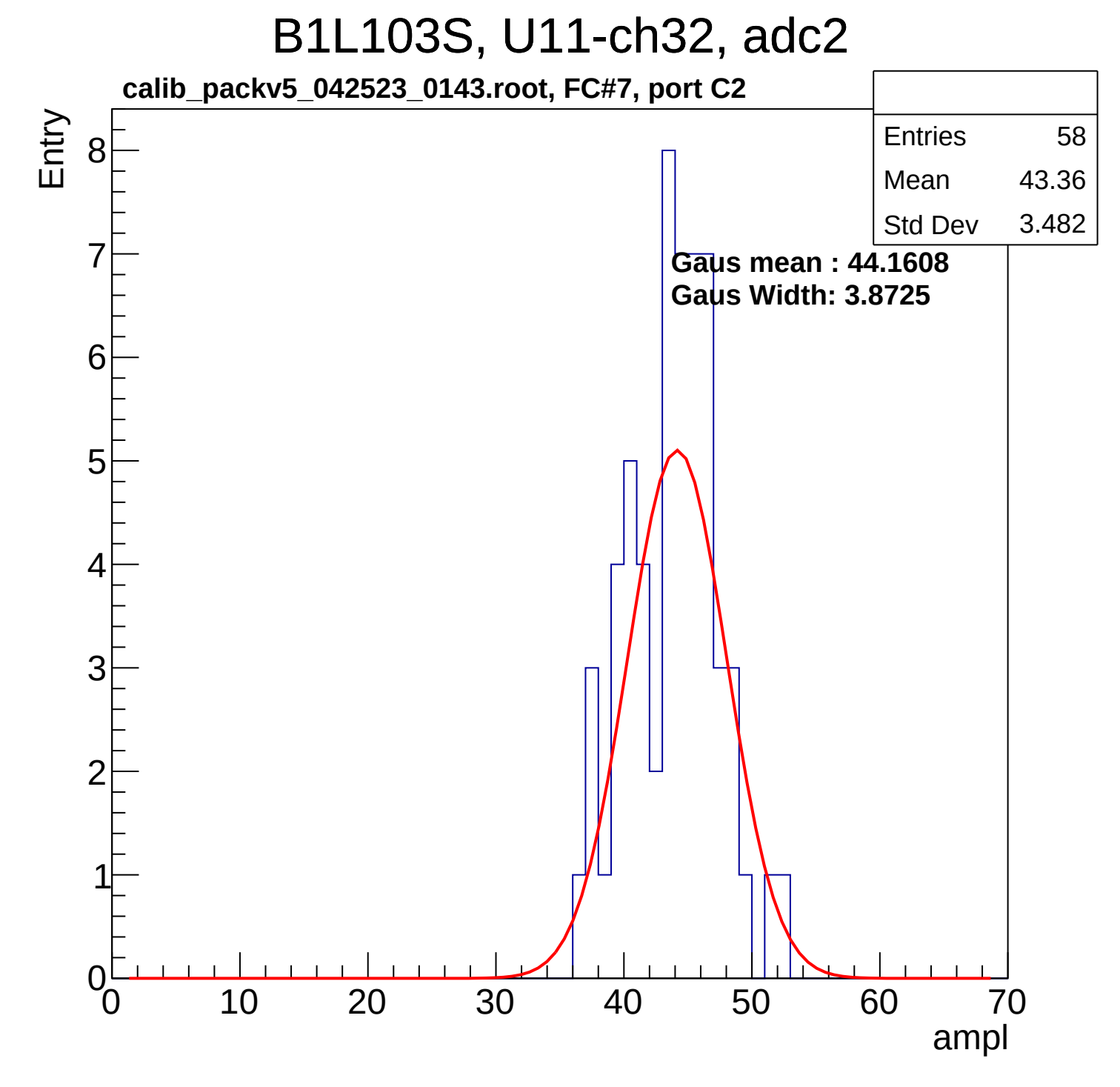
B1L103S, U11-ch32, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 43.36
Std Dev 3.482
Gaus mean : 44.1608
Gaus Width: 3.8725
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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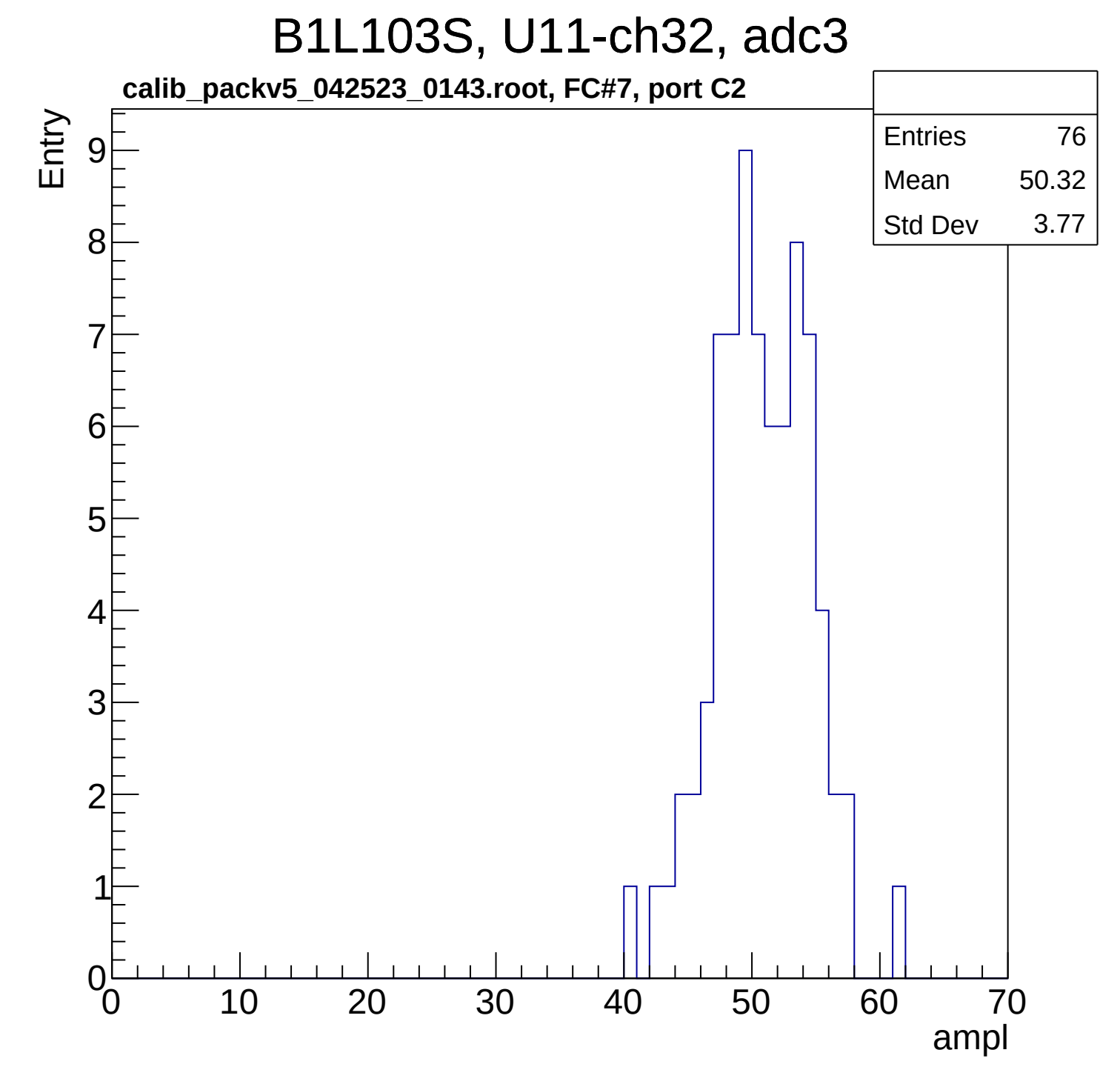
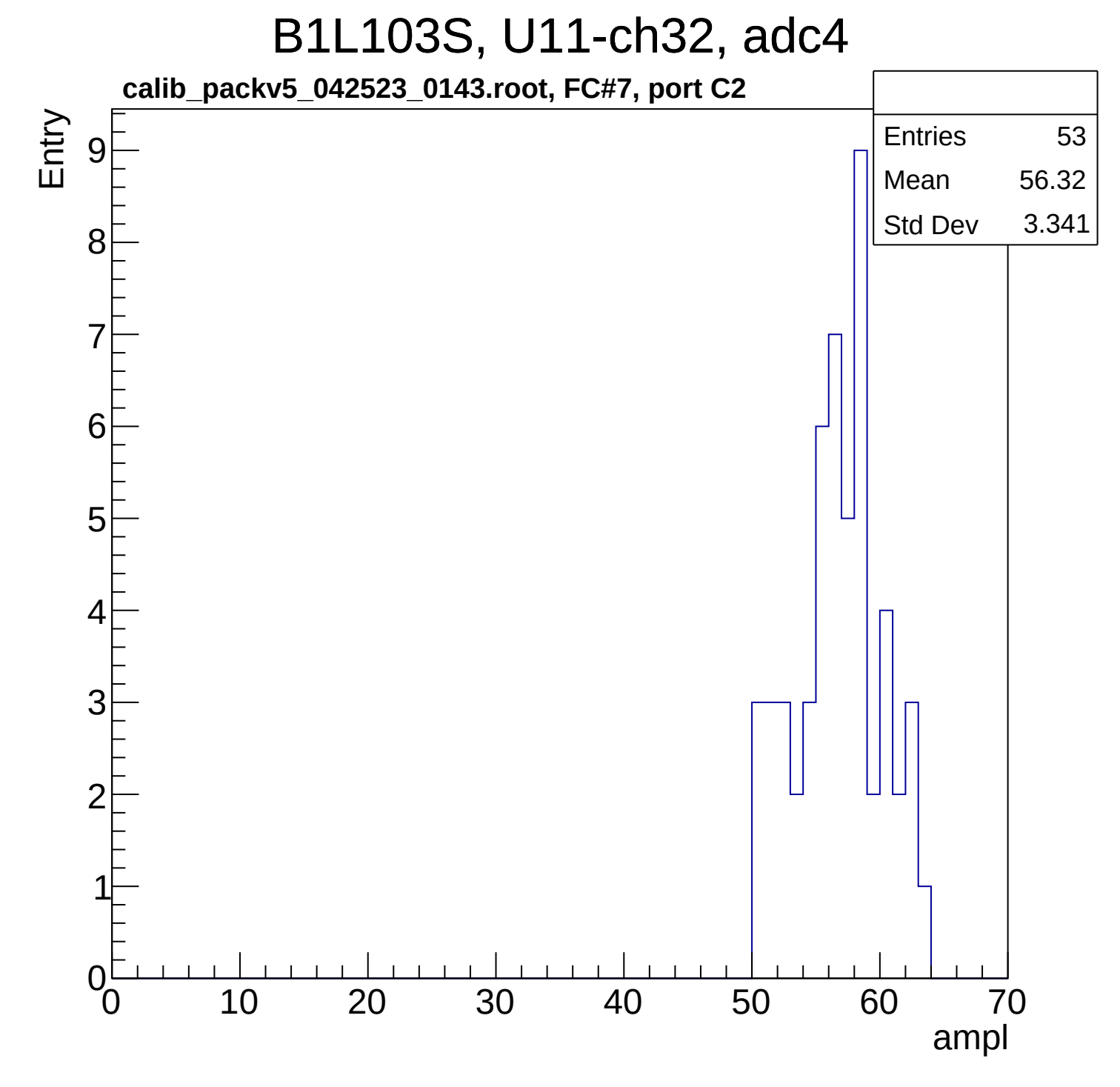
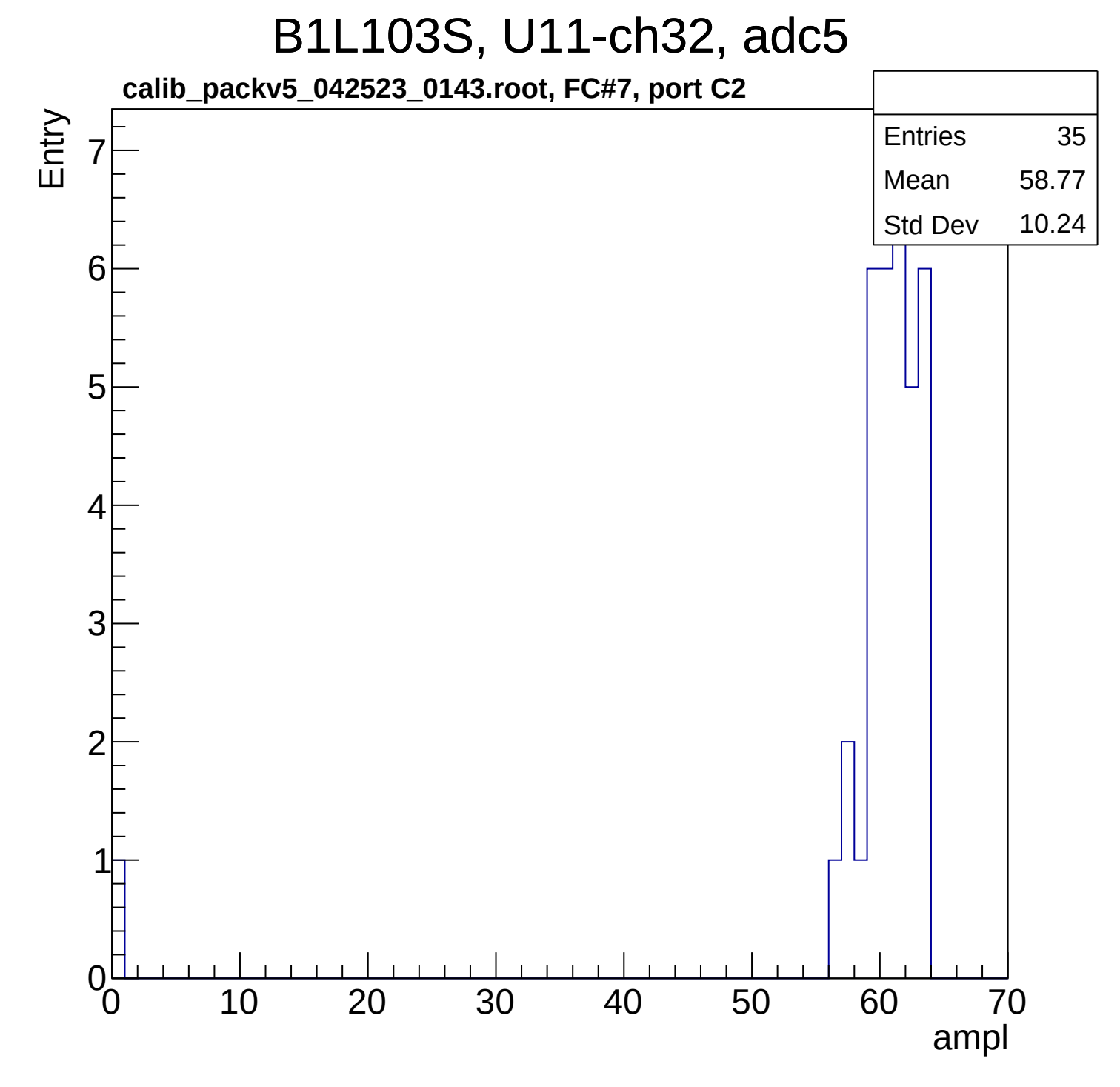
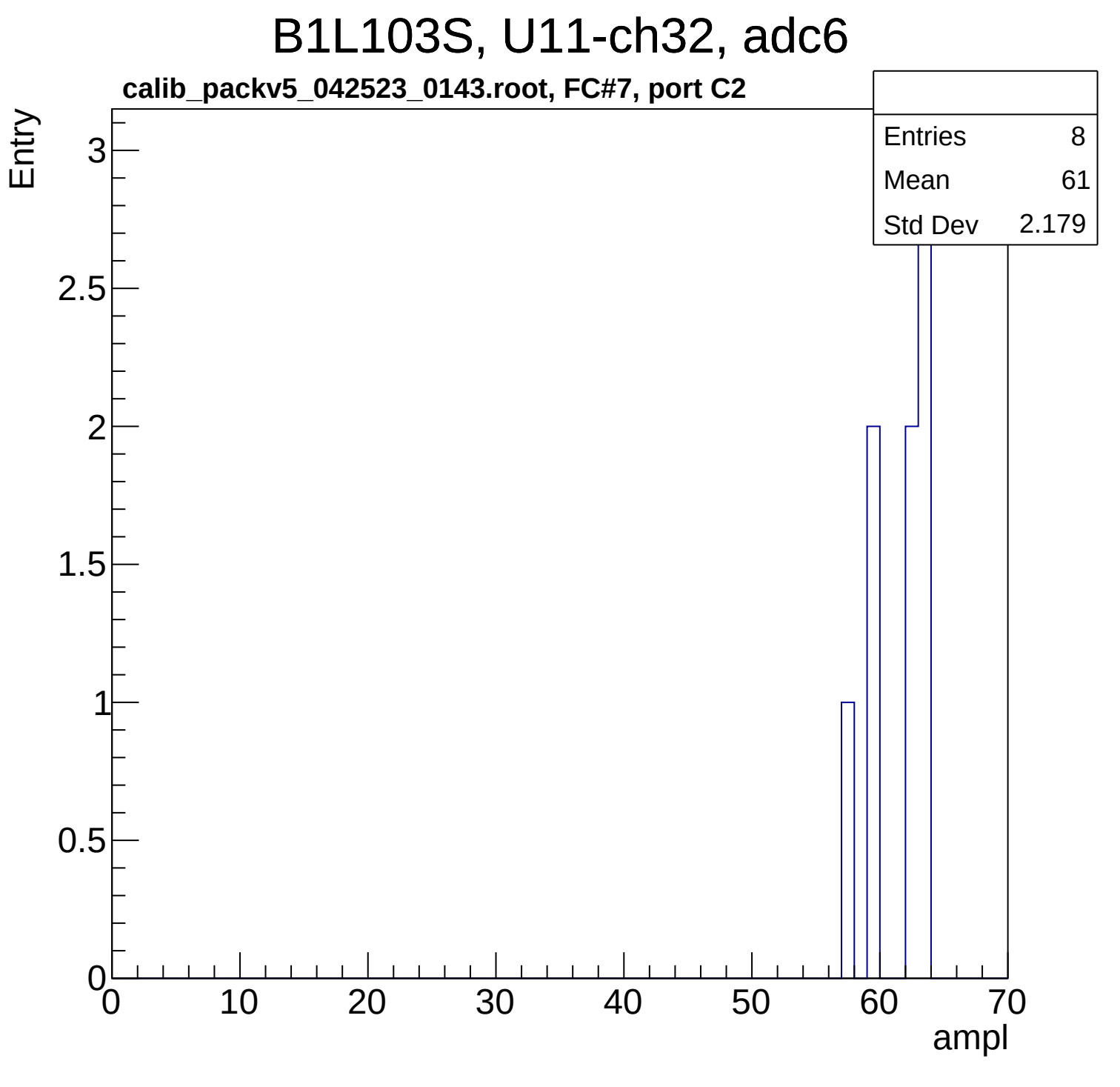
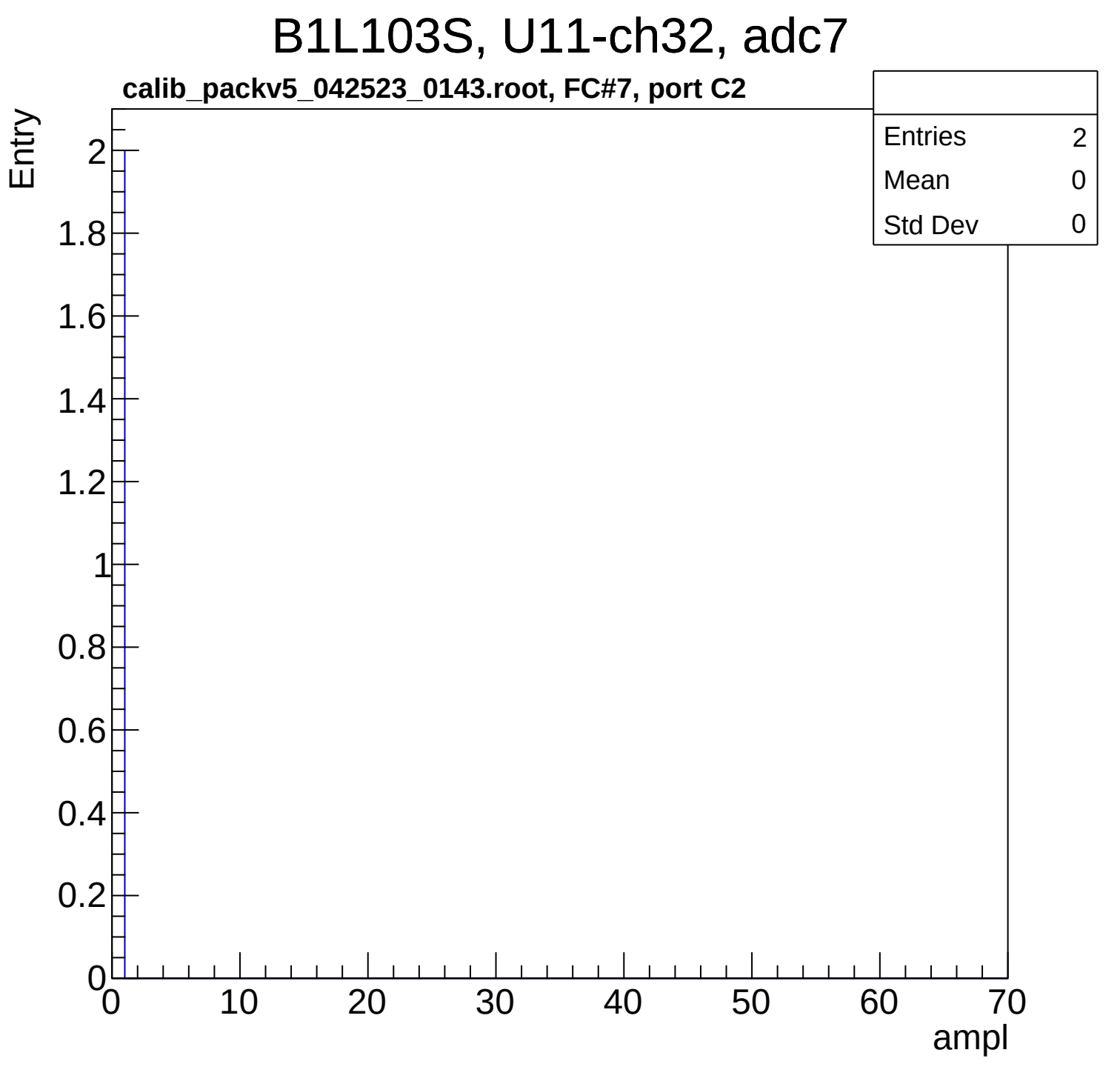
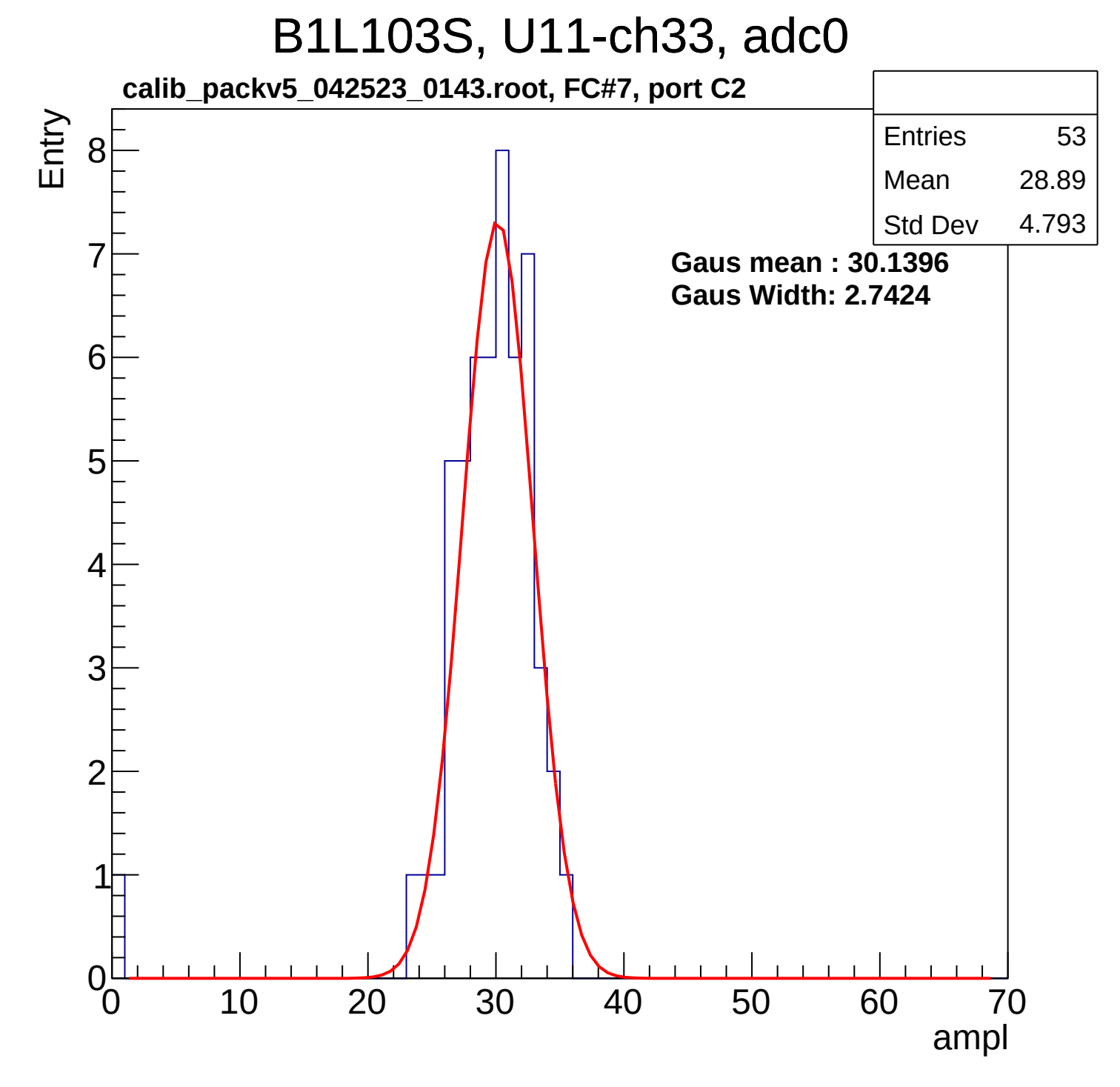

B1L103S, U11-ch32, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 50.32
Std Dev 3.77
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

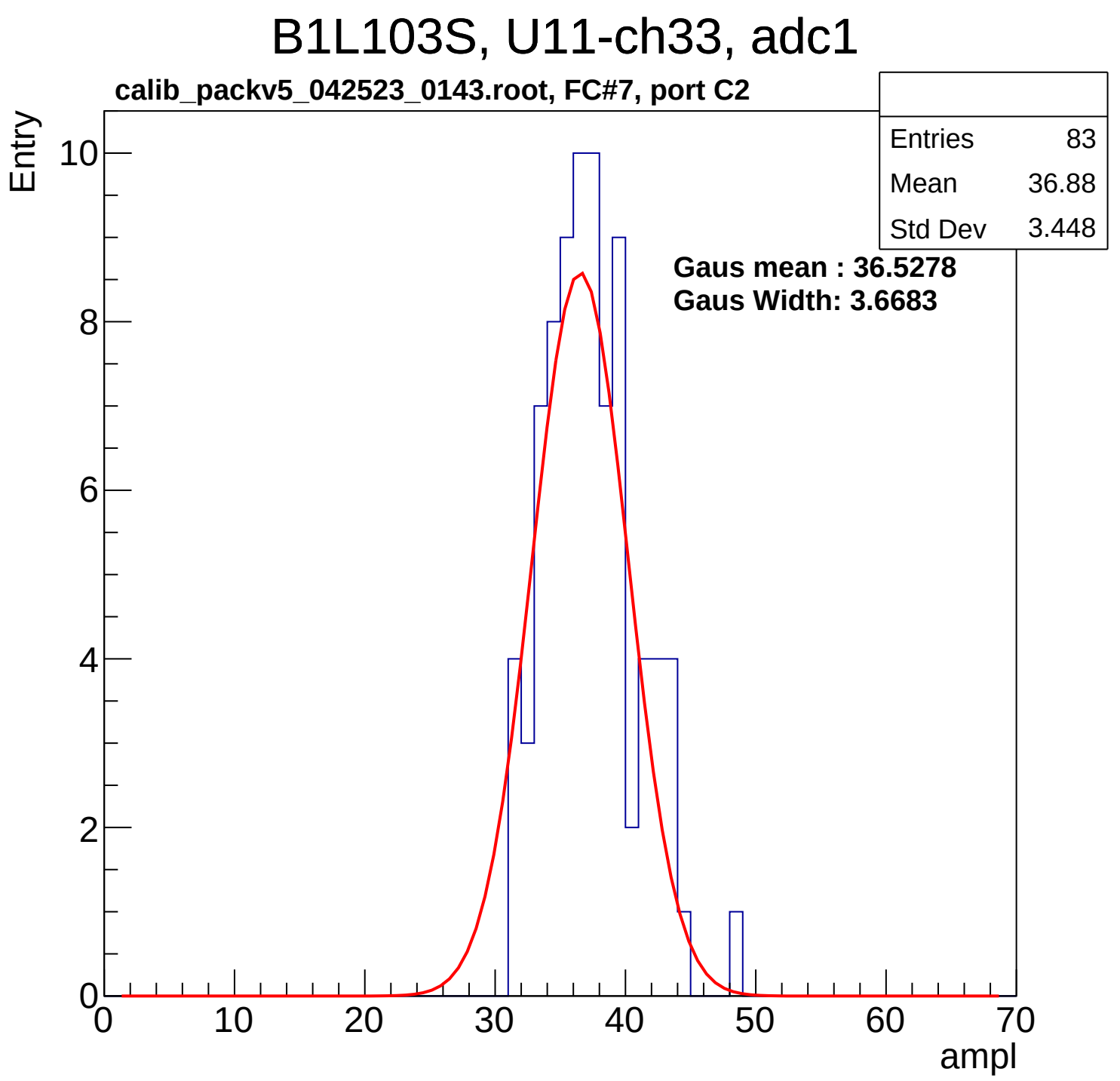

B1L103S, U11-ch32, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 53
Mean 56.32
Std Dev 3.341
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

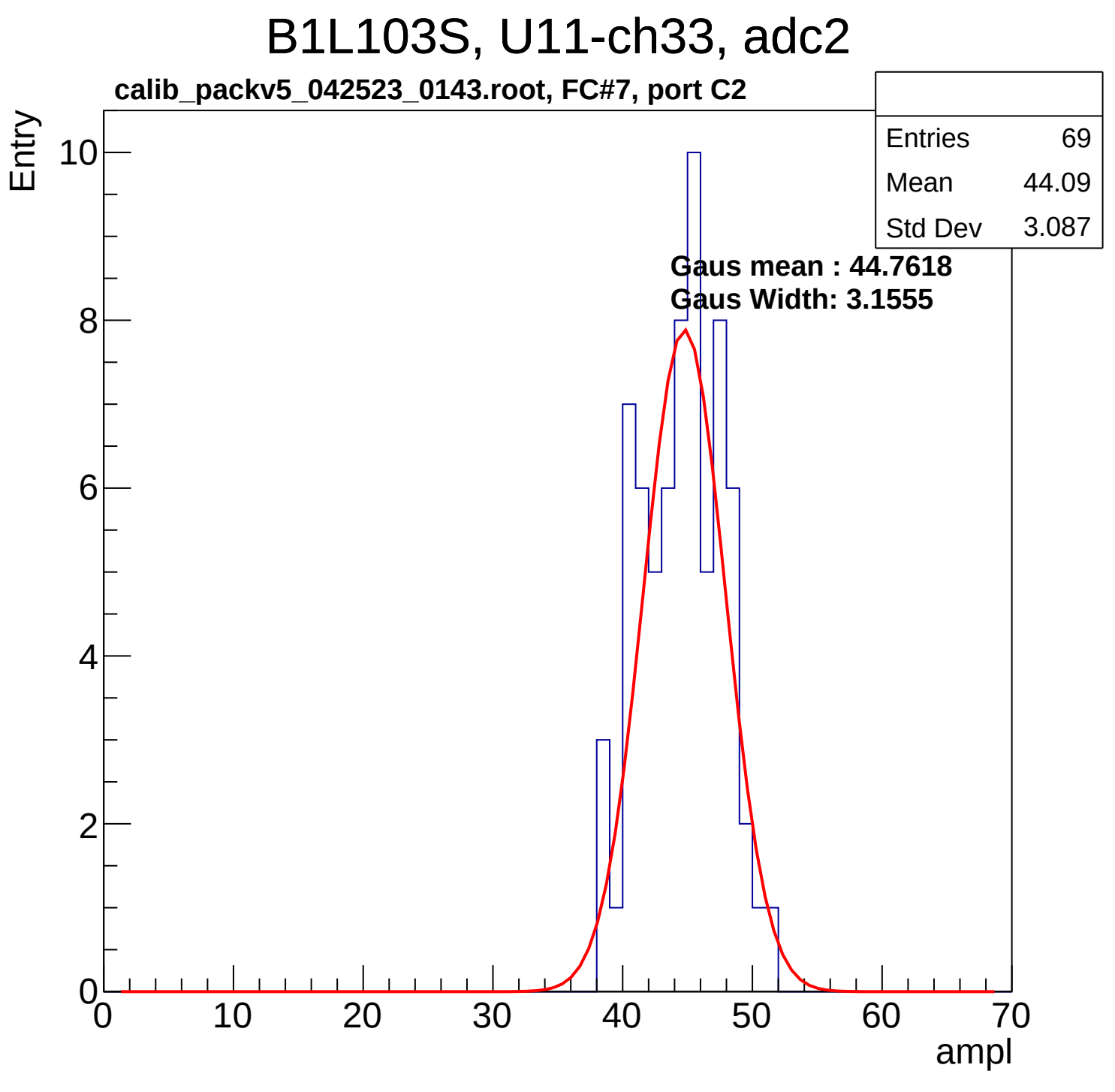

B1L103S, U11-ch32, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 35
Mean 58.77
Std Dev 10.24
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

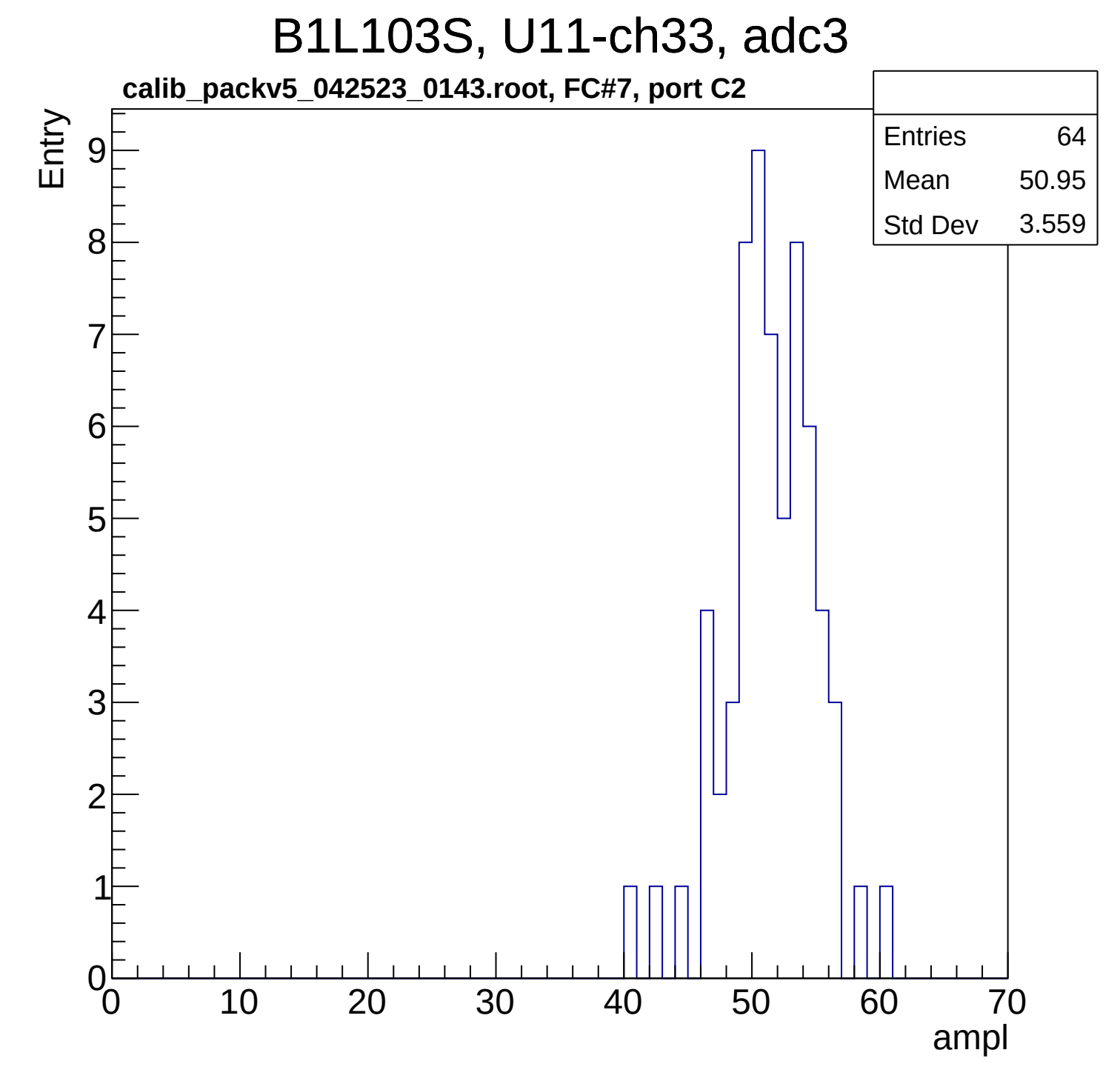

B1L103S, U11-ch32, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 8
Mean 61
Std Dev 2.179
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U11-ch32, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch33, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 53
Mean 28.89
Std Dev 4.793
Gaus mean : 30.1396
Gaus Width: 2.7424
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch33, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 83
Mean 36.88
Std Dev 3.448
Gaus mean : 36.5278
Gaus Width: 3.6683
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch33, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 44.09
Std Dev 3.087
Gaus mean : 44.7618
Gaus Width: 3.1555
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch33, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 50.95
Std Dev 3.559
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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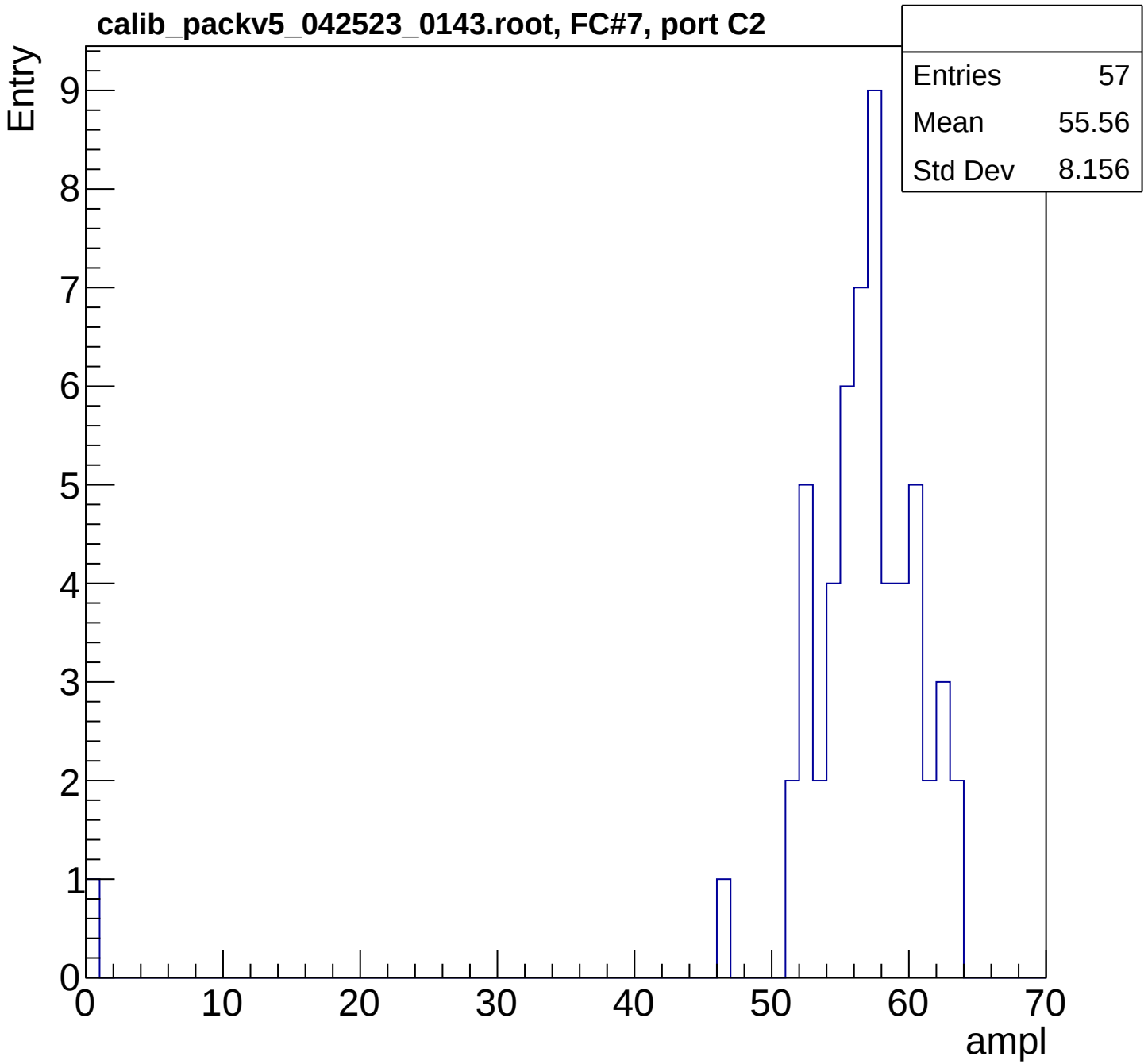
B1L103S, U11-ch33, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 55.56
Std Dev 8.156
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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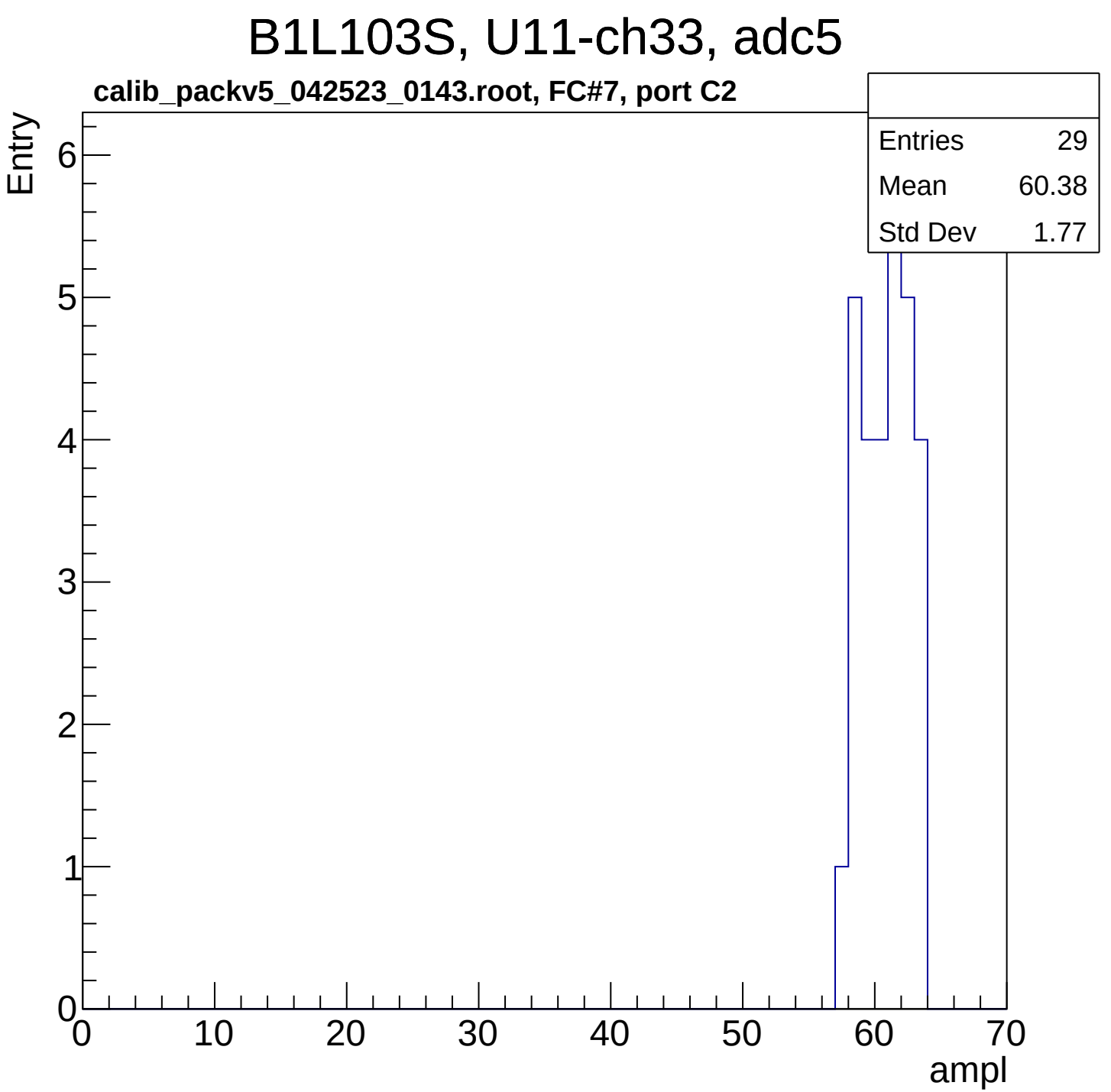
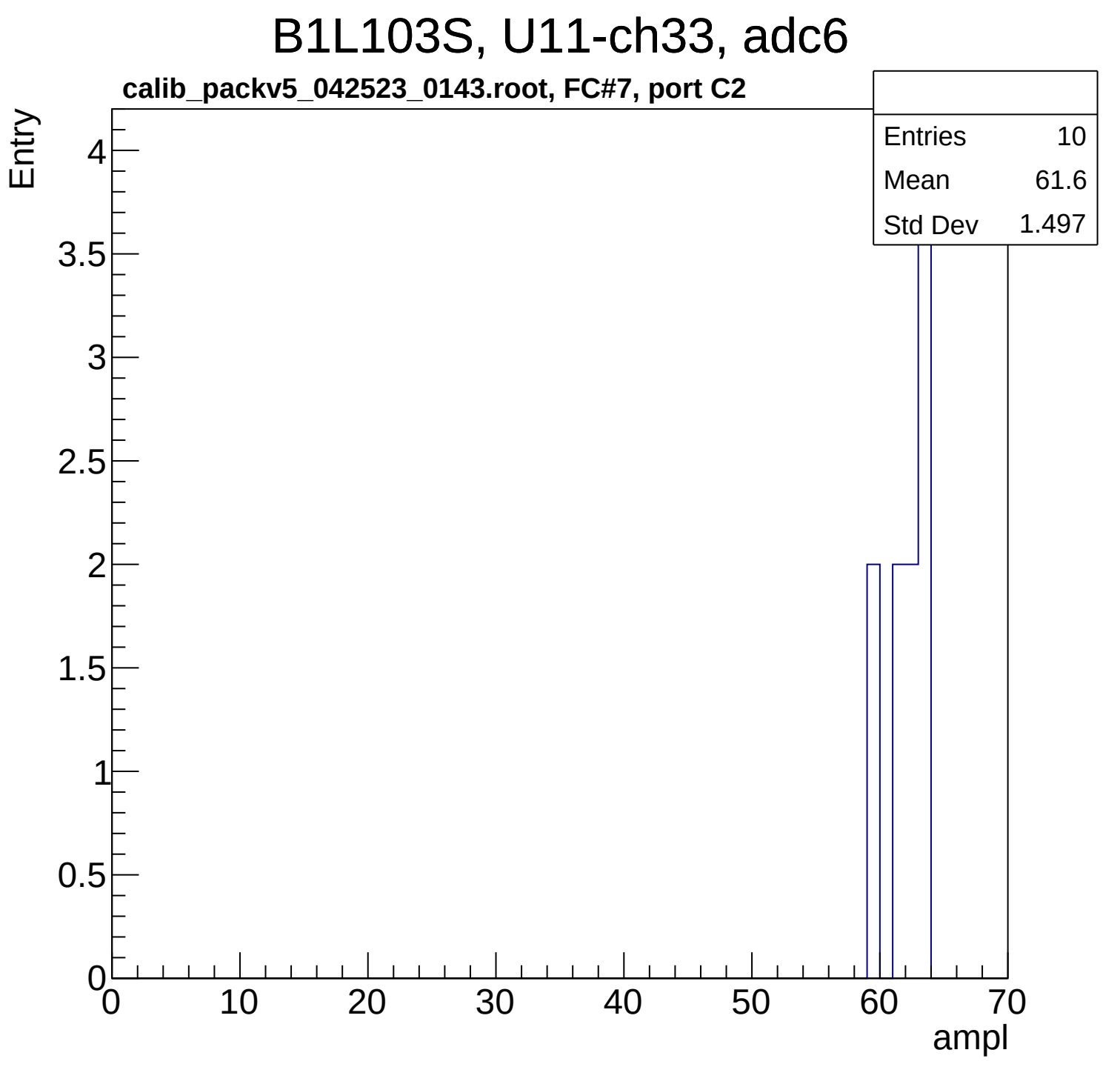

B1L103S, U11-ch33, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 29
Mean 60.38
Std Dev 1.77
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch33, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 10
Mean 61.6
Std Dev 1.497
Entry
ampl
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0.5
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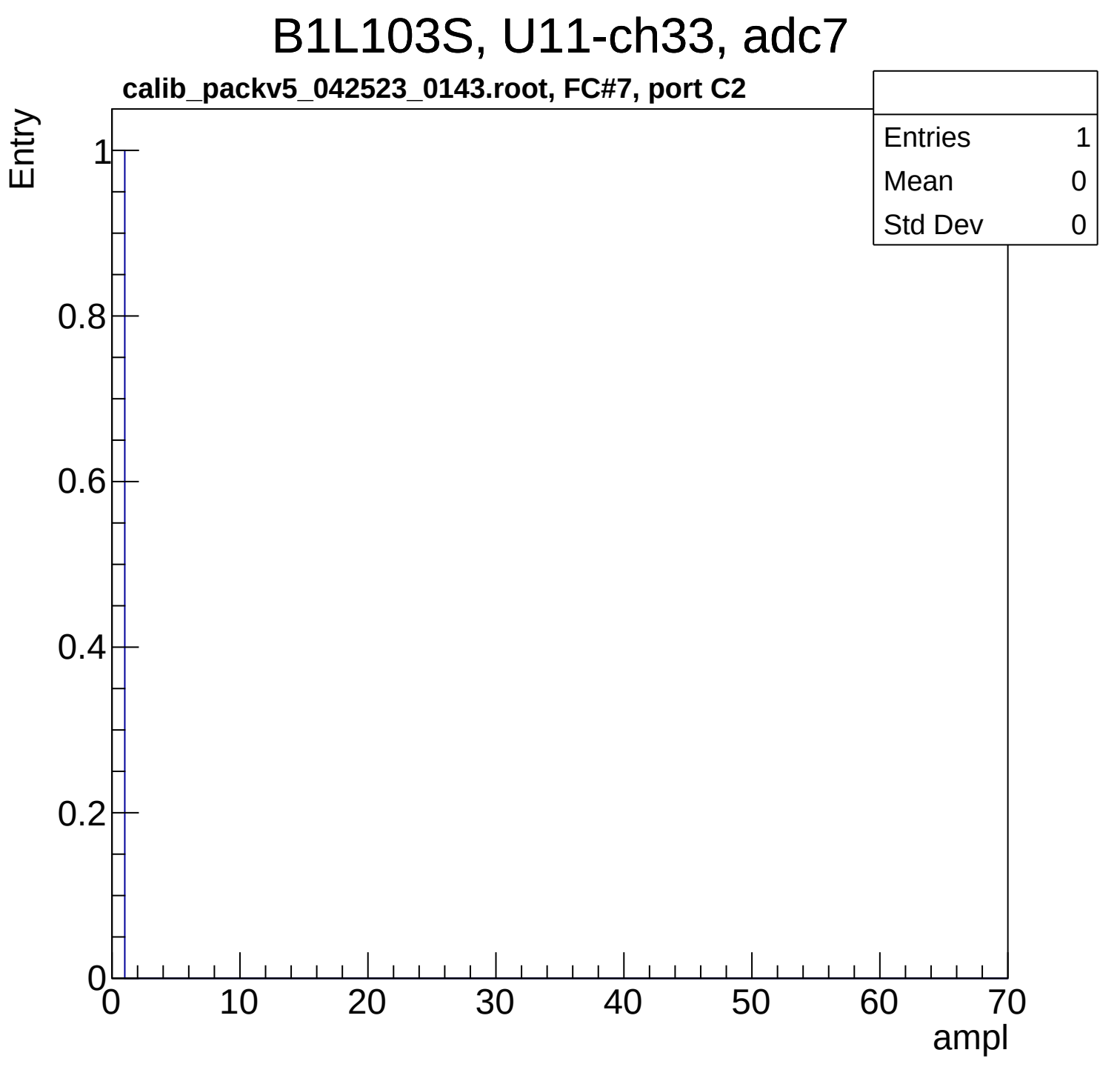
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L103S, U11-ch33, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
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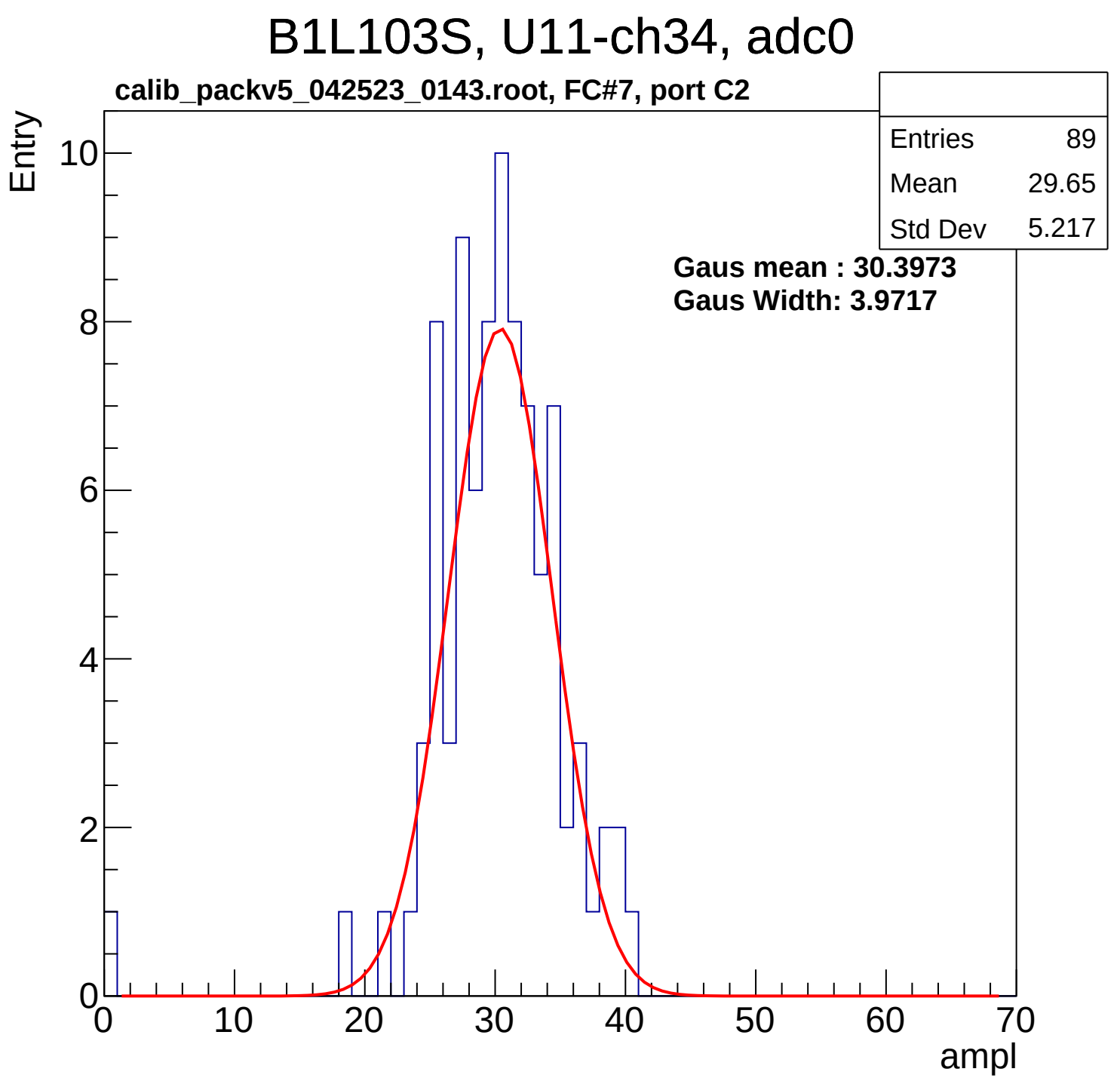
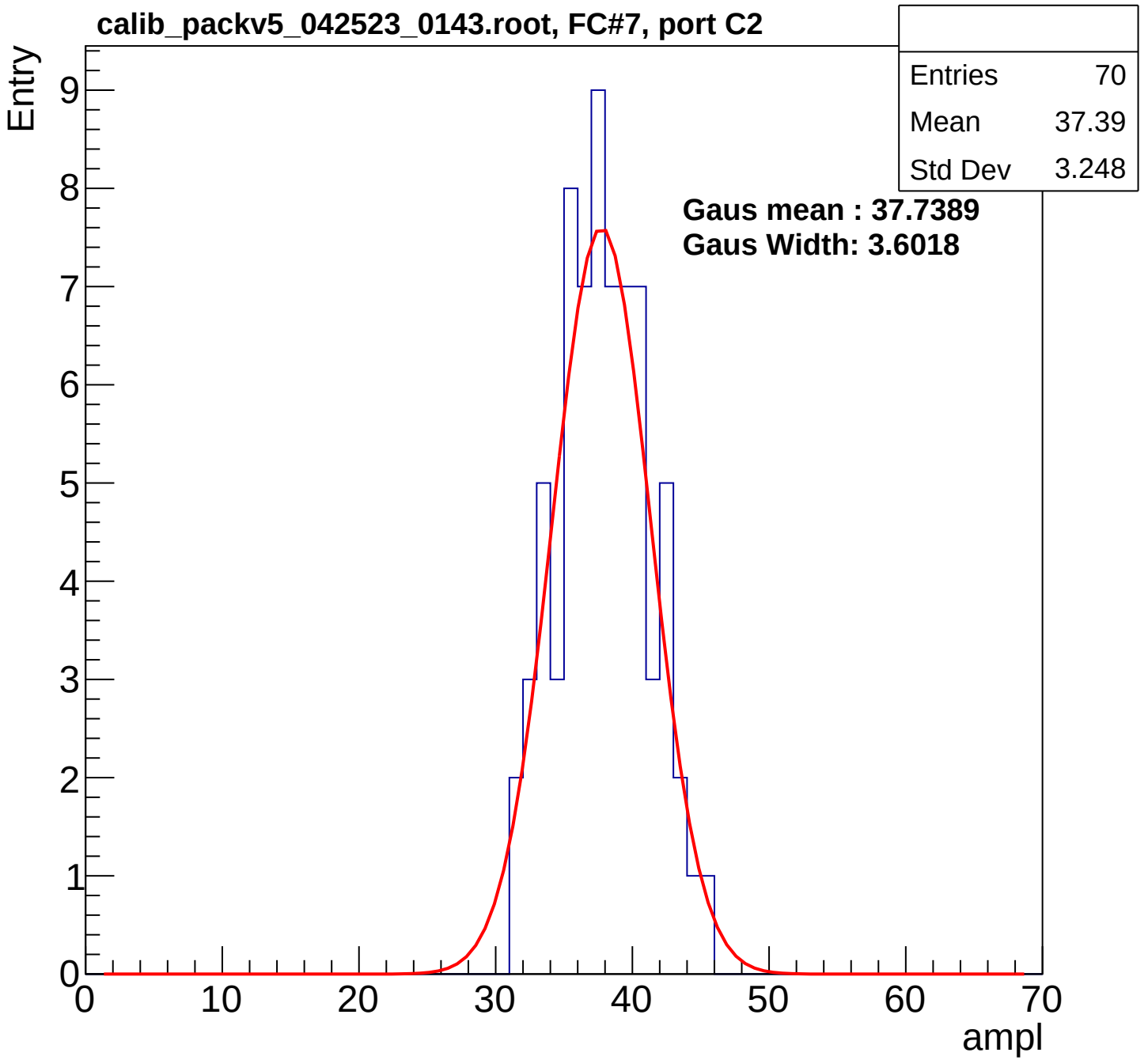
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch34, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 89
Mean 29.65
Std Dev 5.217
Gaus mean : 30.3973
Gaus Width: 3.9717
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch34, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 37.39
Std Dev 3.248
Gaus mean : 37.7389
Gaus Width: 3.6018
Entry
ampl
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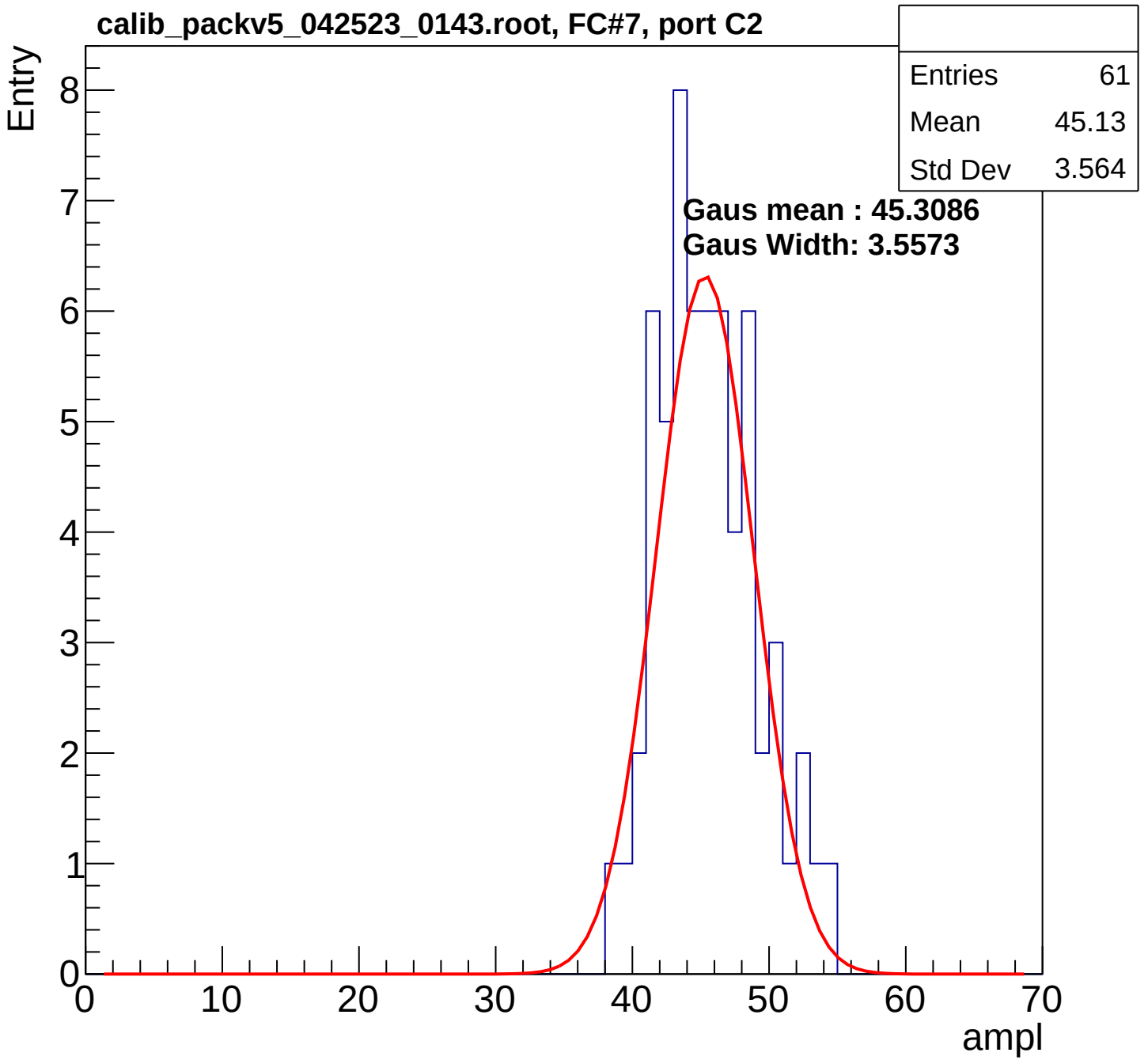
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch34, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 45.13
Std Dev 3.564
Gaus mean : 45.3086
Gaus Width: 3.5573
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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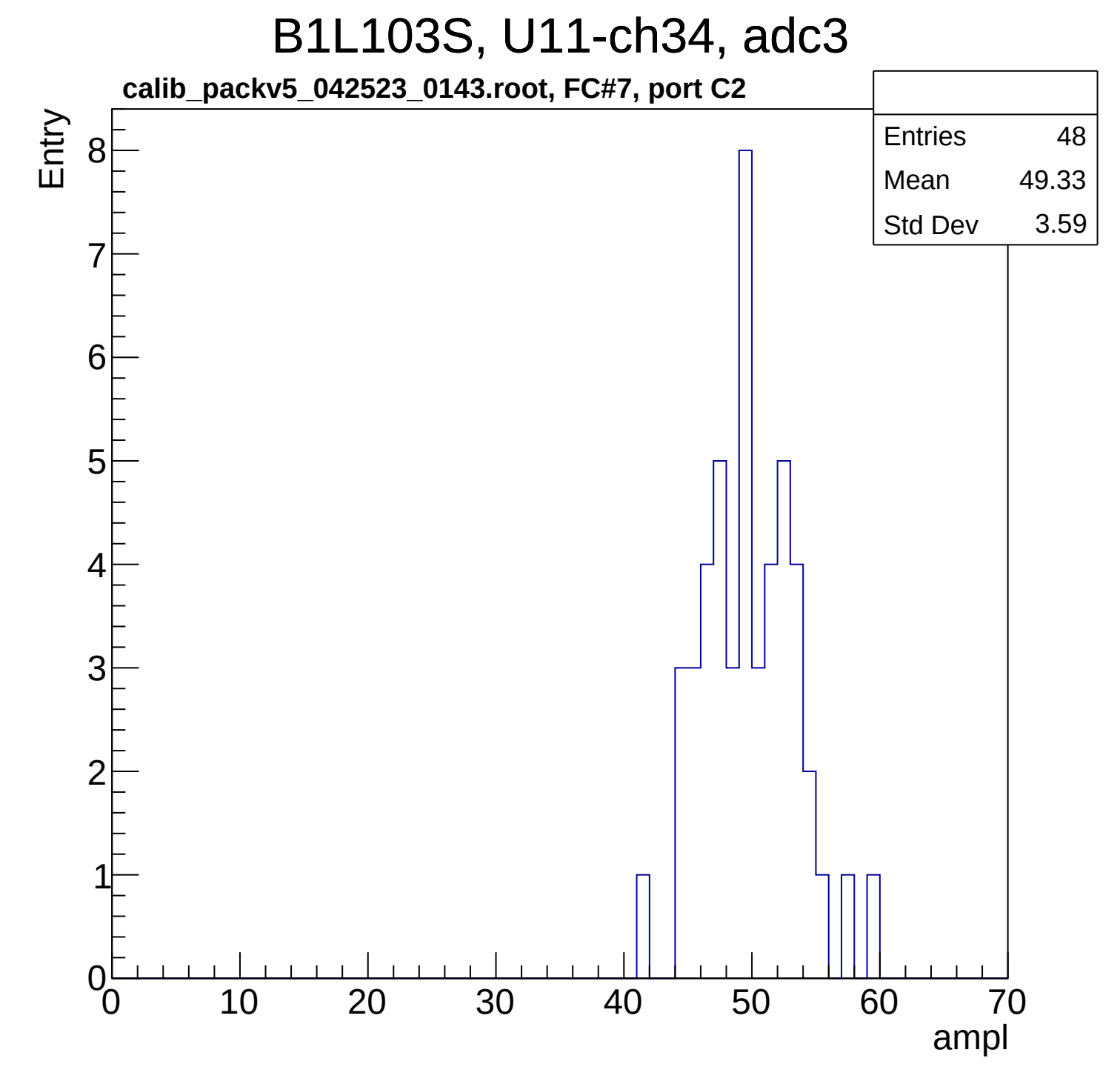
B1L103S, U11-ch34, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 48
Mean 49.33
Std Dev 3.59
Entry
ampl
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2
3
4
5
6
7
8
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10
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60
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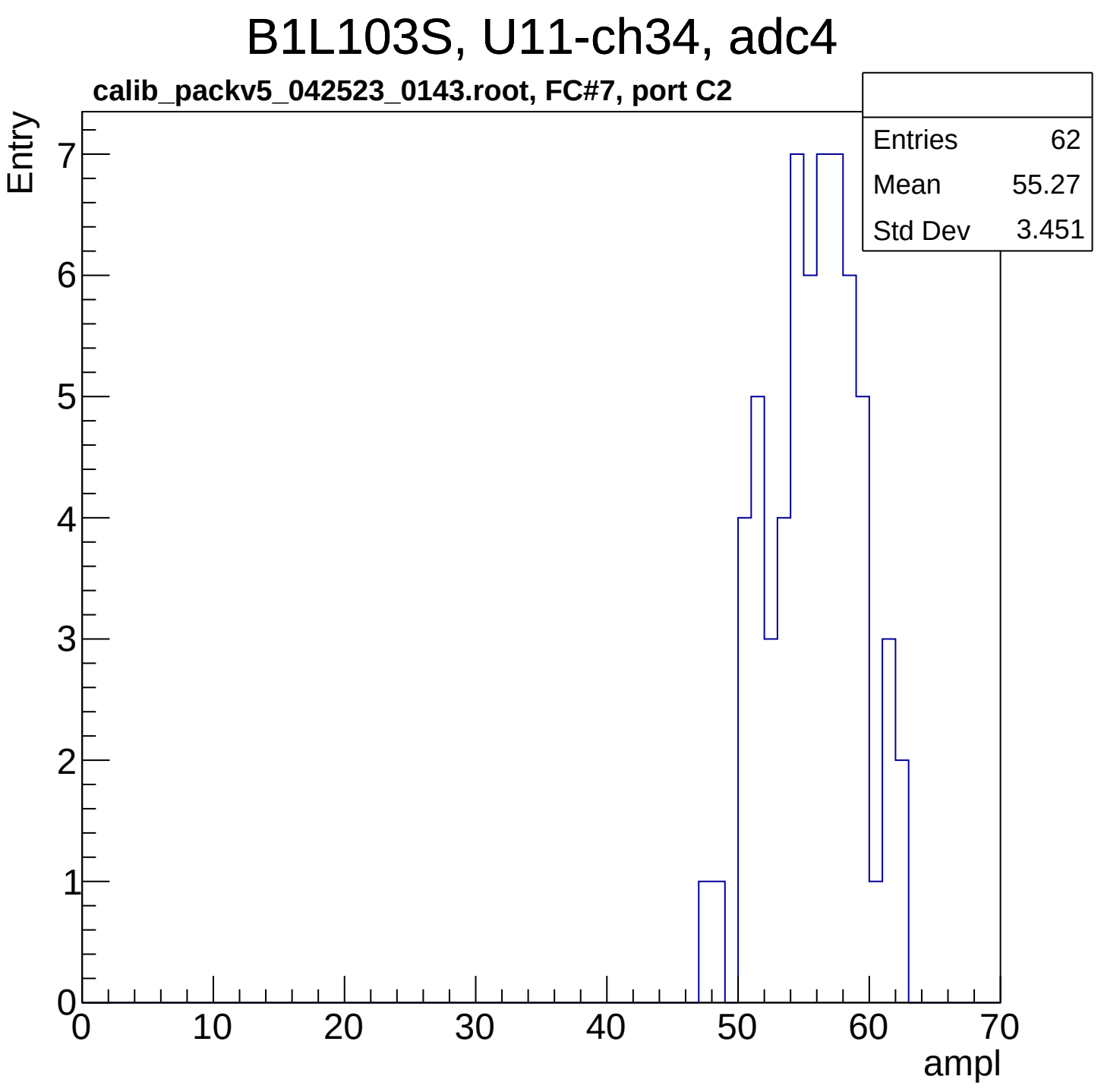
B1L103S, U11-ch34, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 55.27
Std Dev 3.451
Entry
ampl
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1
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3
4
5
6
7
0
10
20
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40
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60
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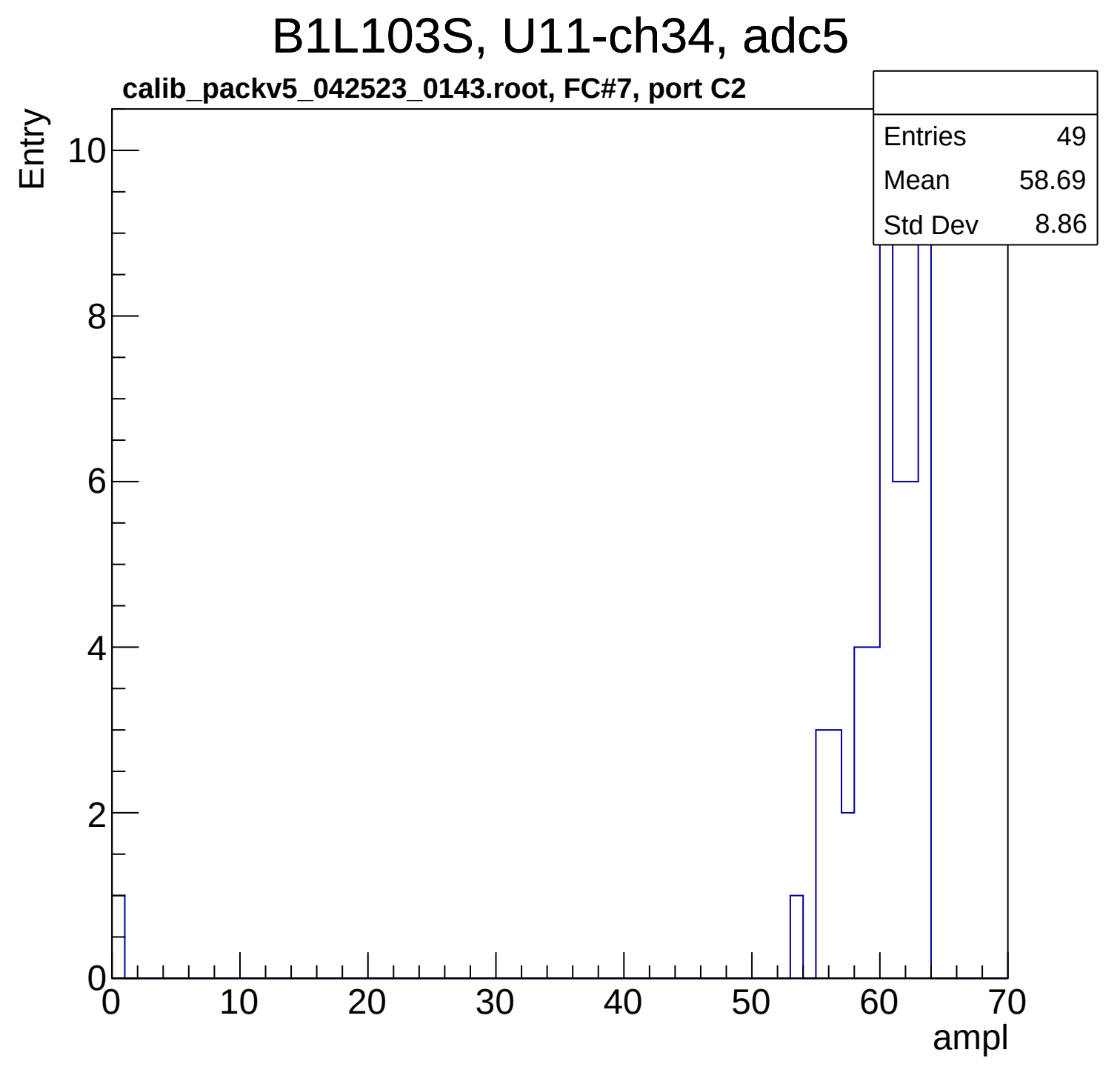
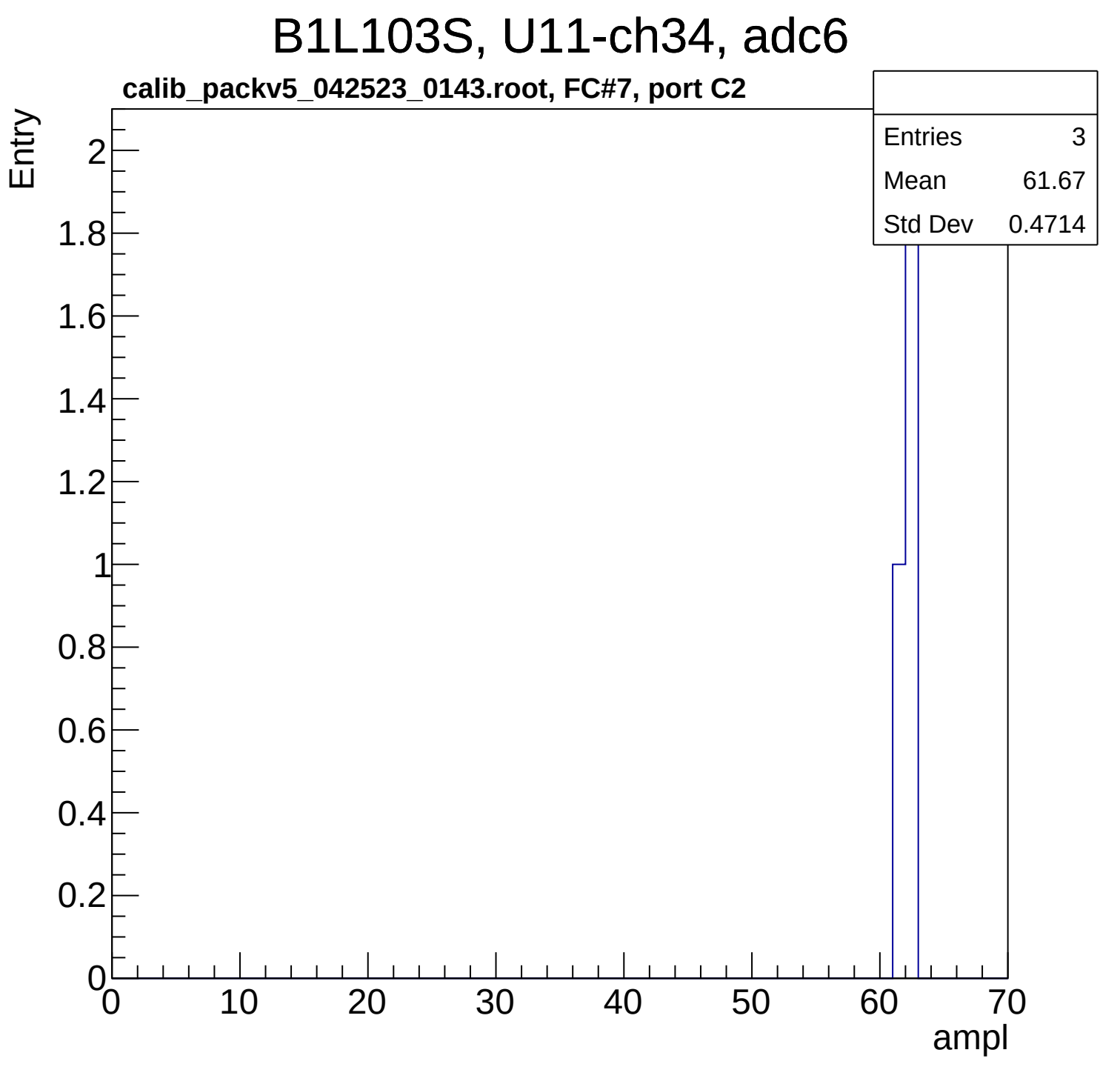

B1L103S, U11-ch34, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 58.69
Std Dev 8.86
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch34, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 61.67
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
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40
50
60
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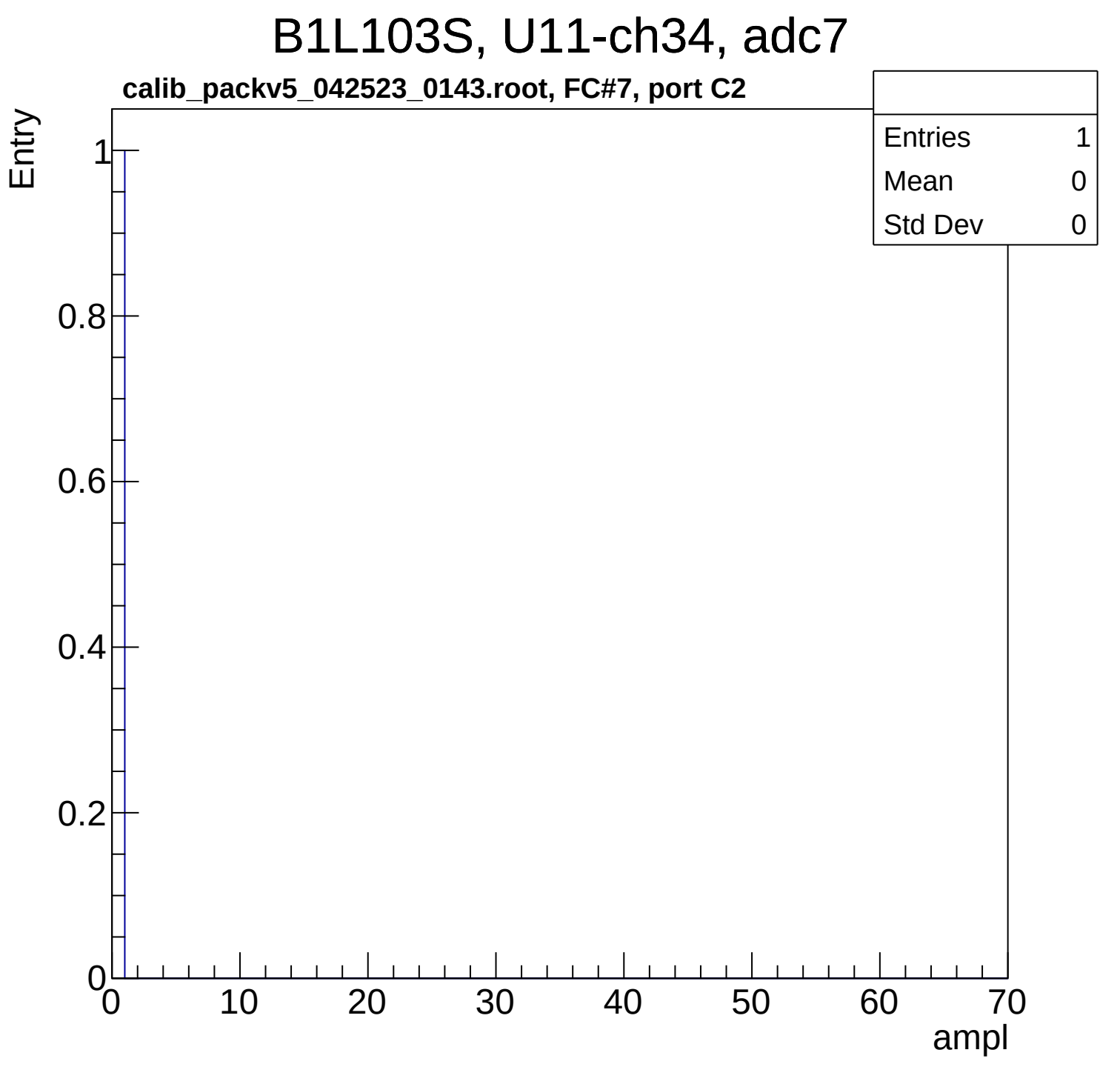
B1L103S, U11-ch34, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
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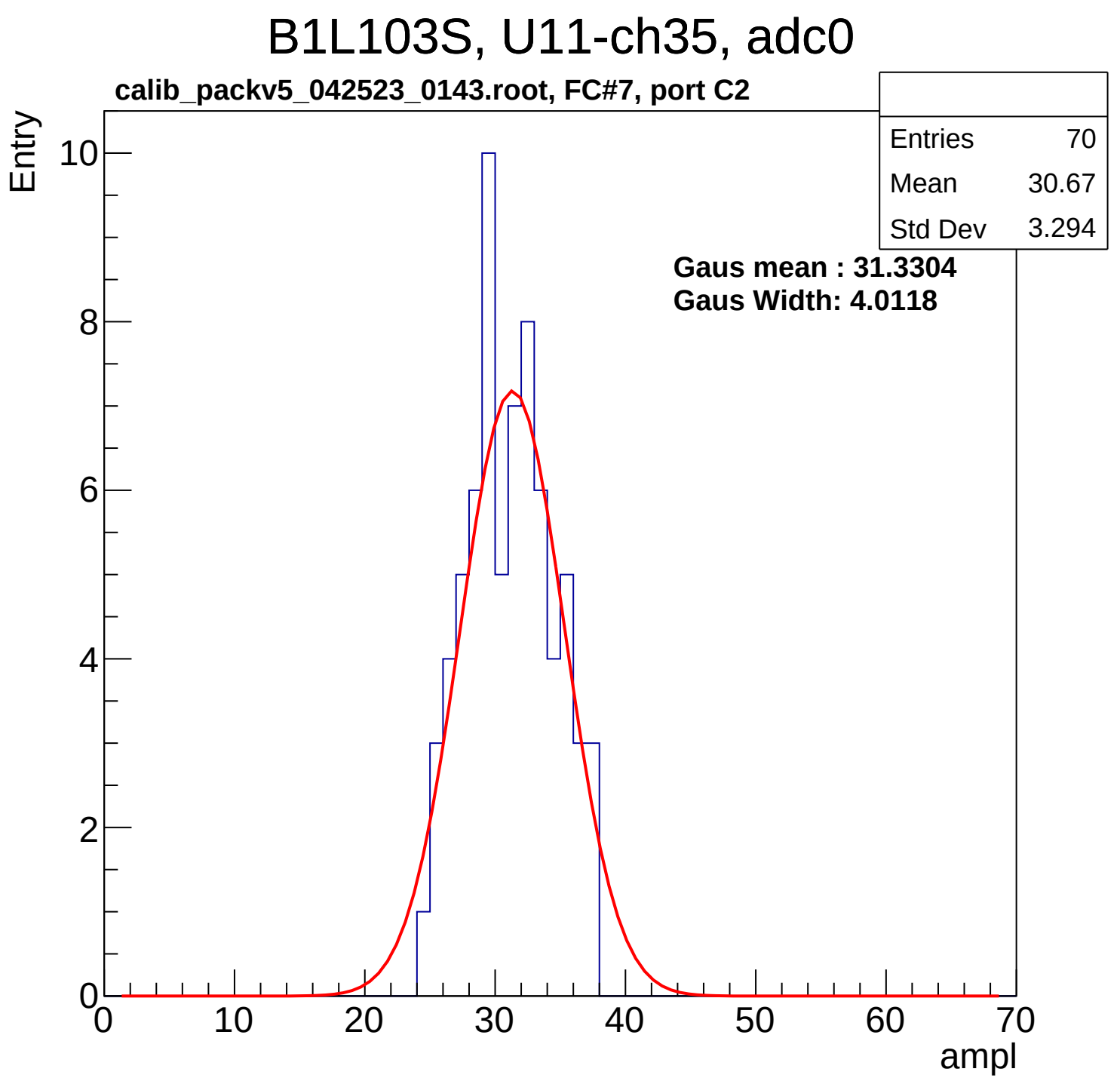
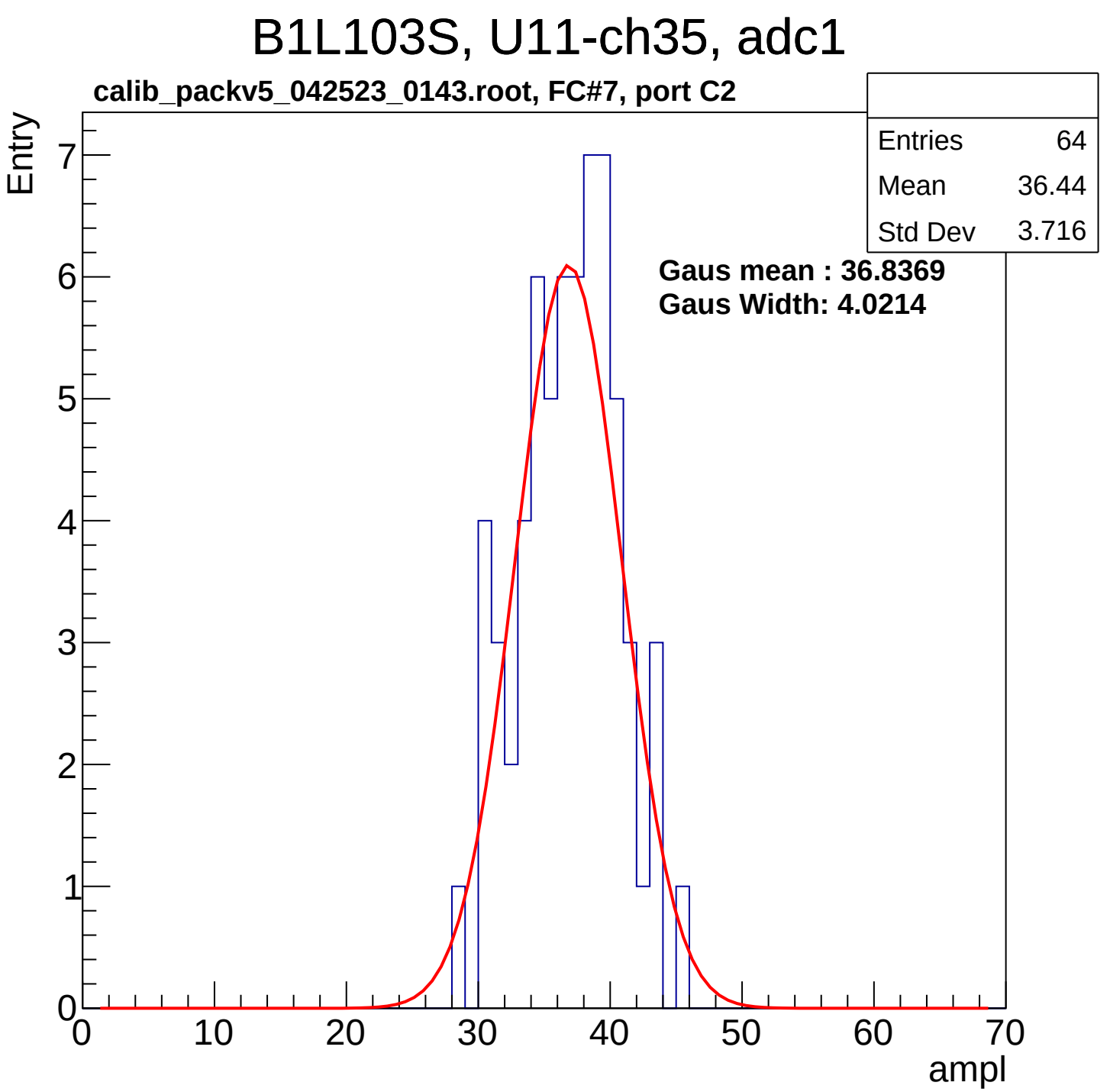
40
50
60
70
ampl


B1L103S, U11-ch35, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 30.67
Std Dev 3.294
Gaus mean : 31.3304
Gaus Width: 4.0118
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch35, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 36.44
Std Dev 3.716
Gaus mean : 36.8369
Gaus Width: 4.0214
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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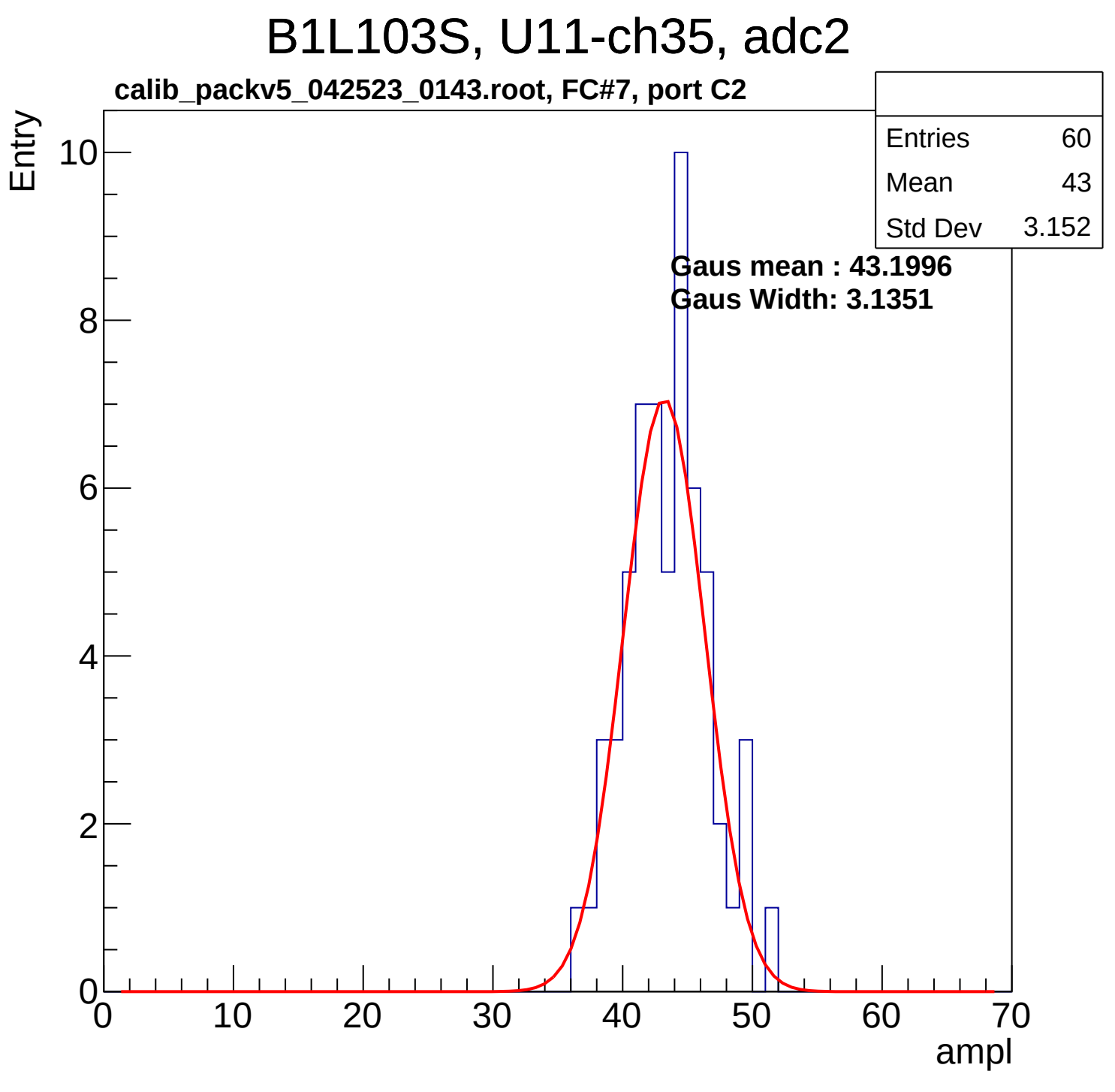
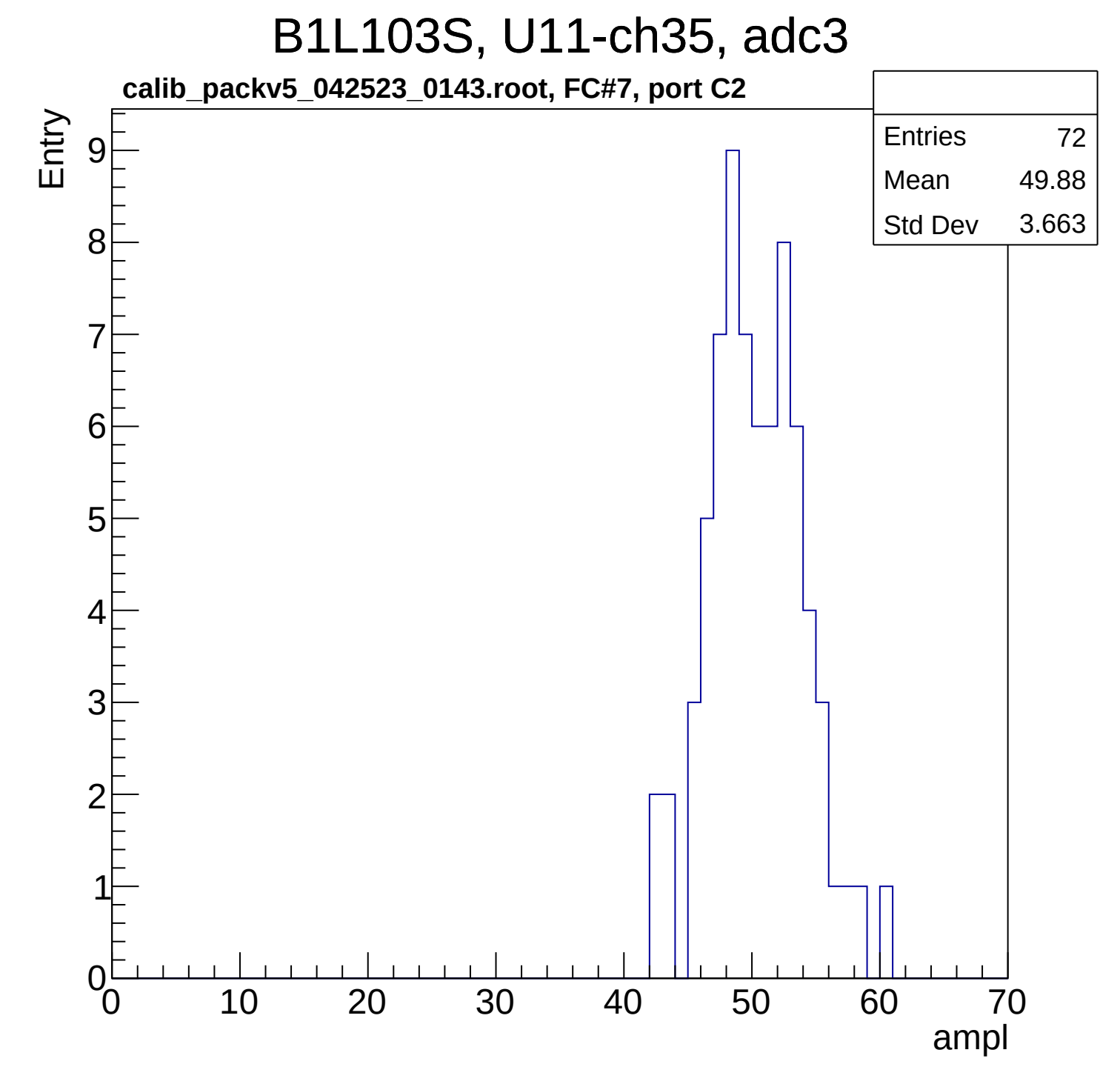

B1L103S, U11-ch35, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 43
Std Dev 3.152
Gaus mean : 43.1996
Gaus Width: 3.1351
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch35, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 49.88
Std Dev 3.663
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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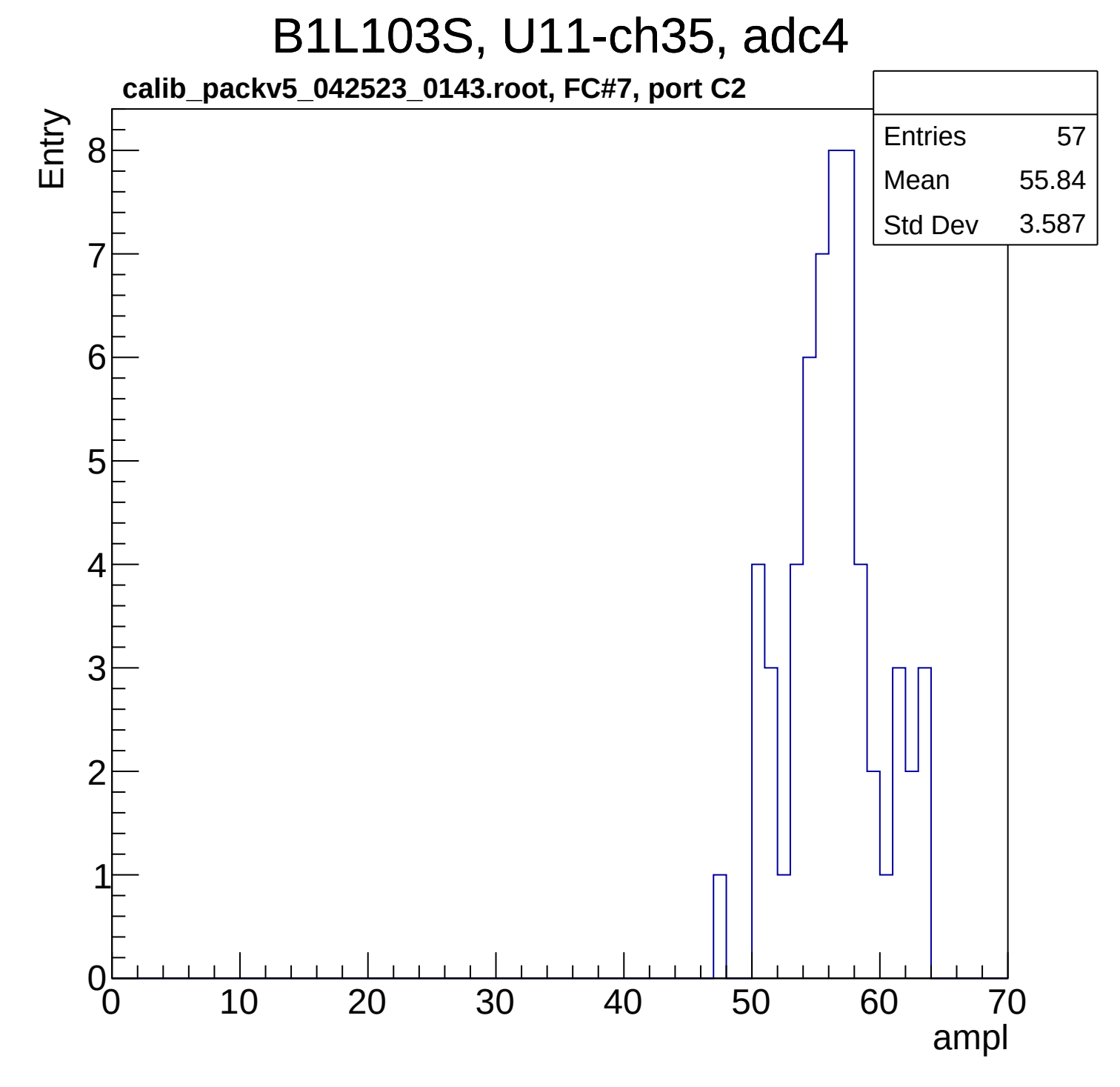
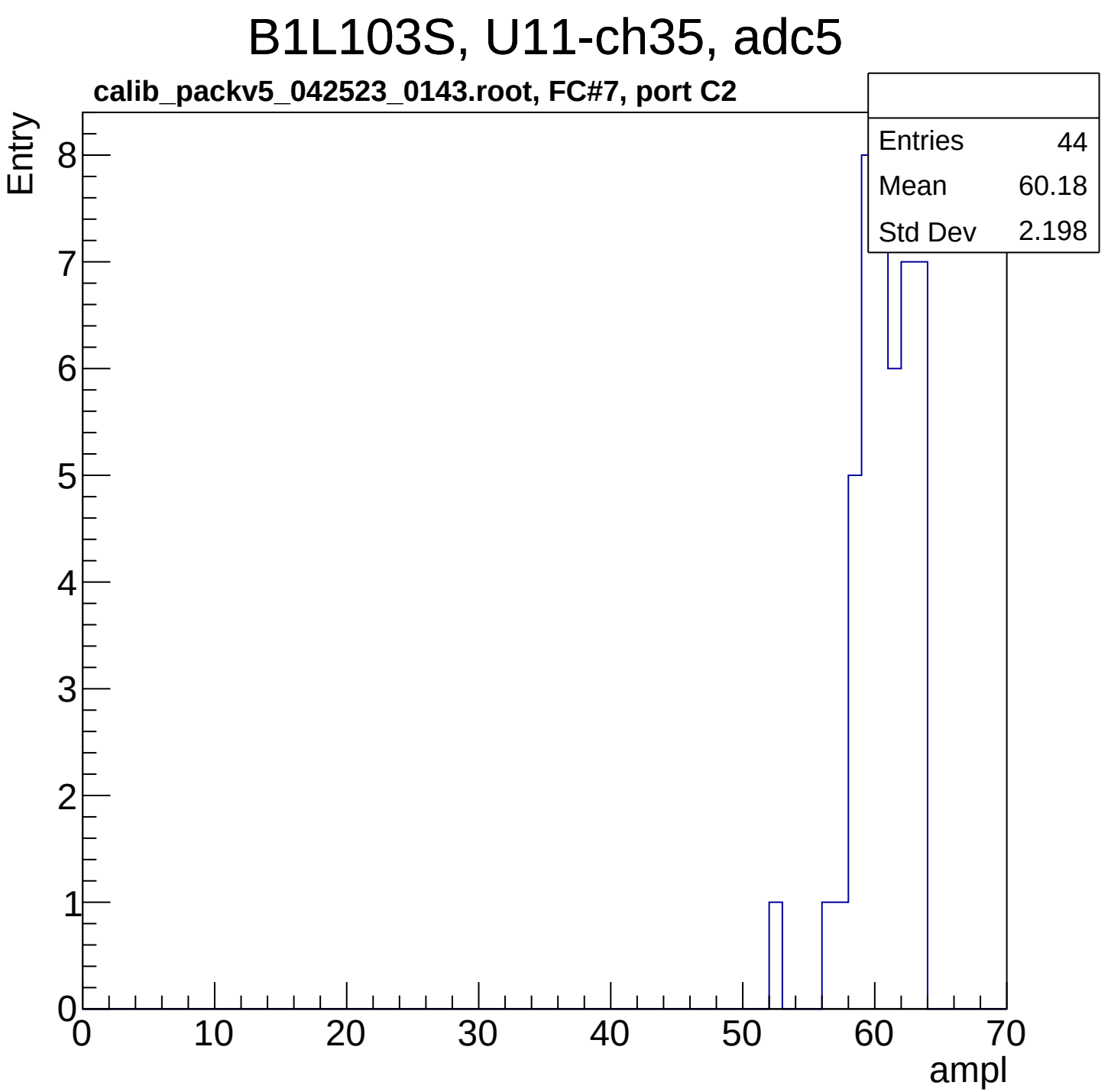

B1L103S, U11-ch35, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 55.84
Std Dev 3.587
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch35, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 44
Mean 60.18
Std Dev 2.198
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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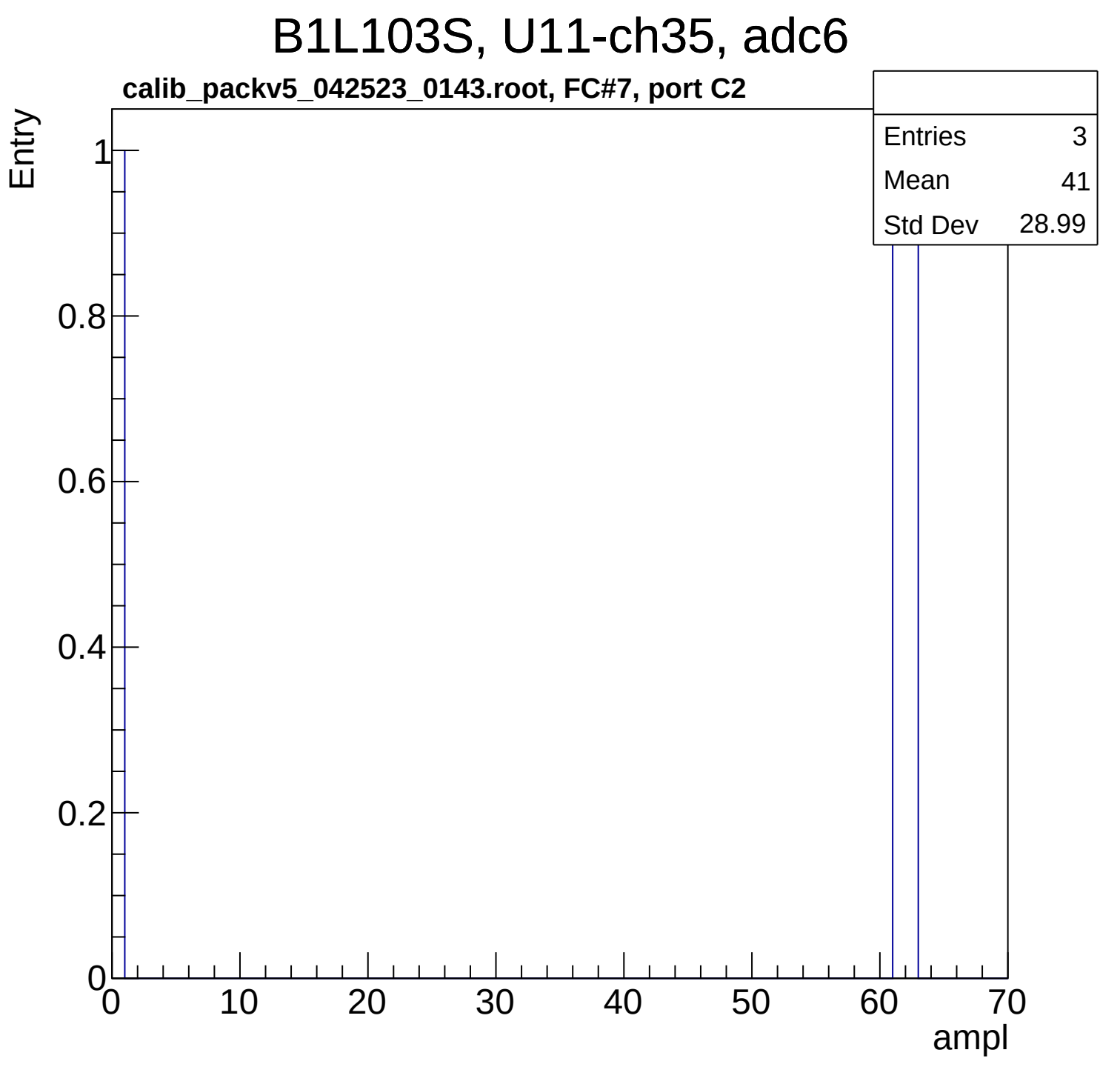
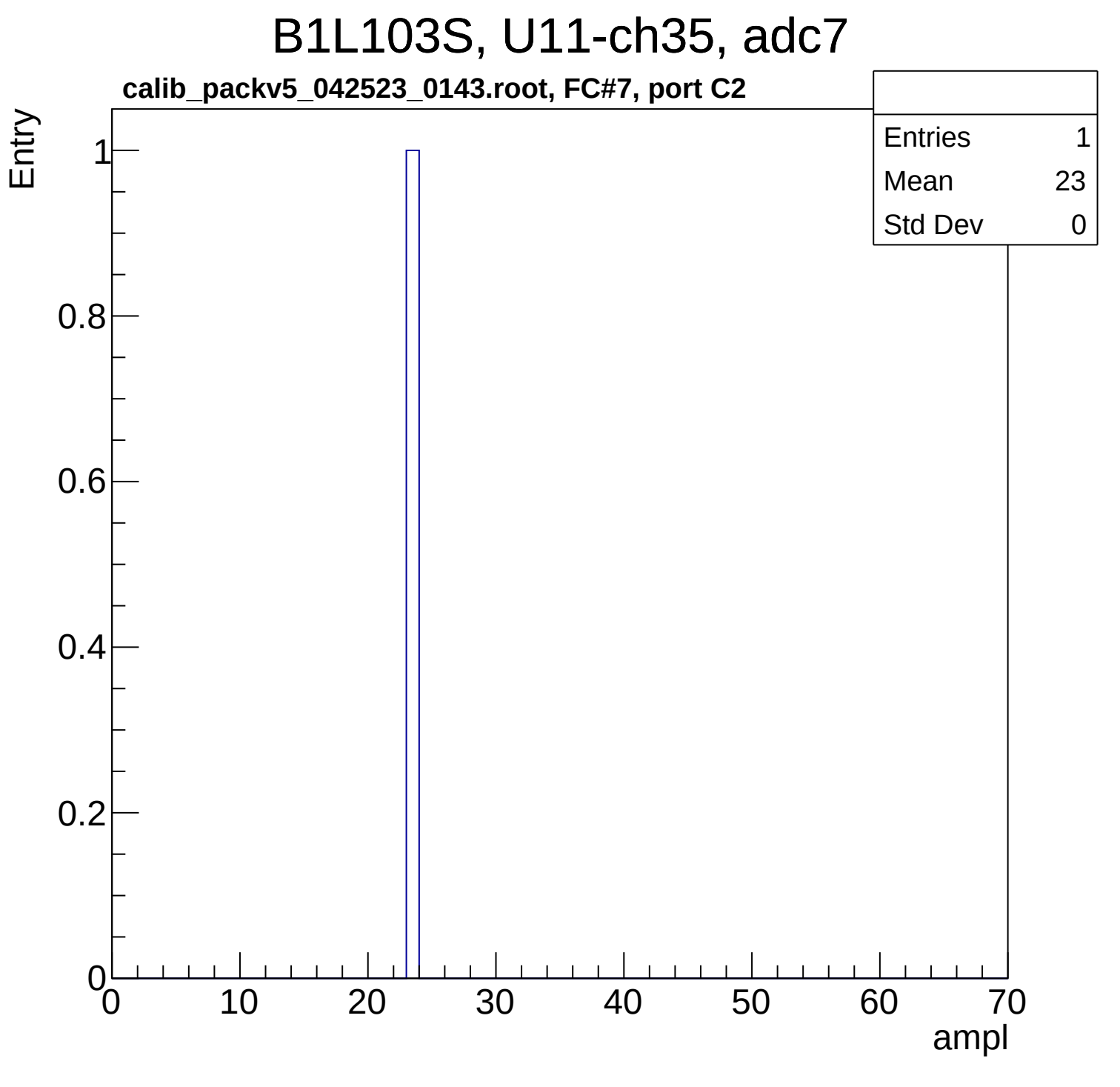
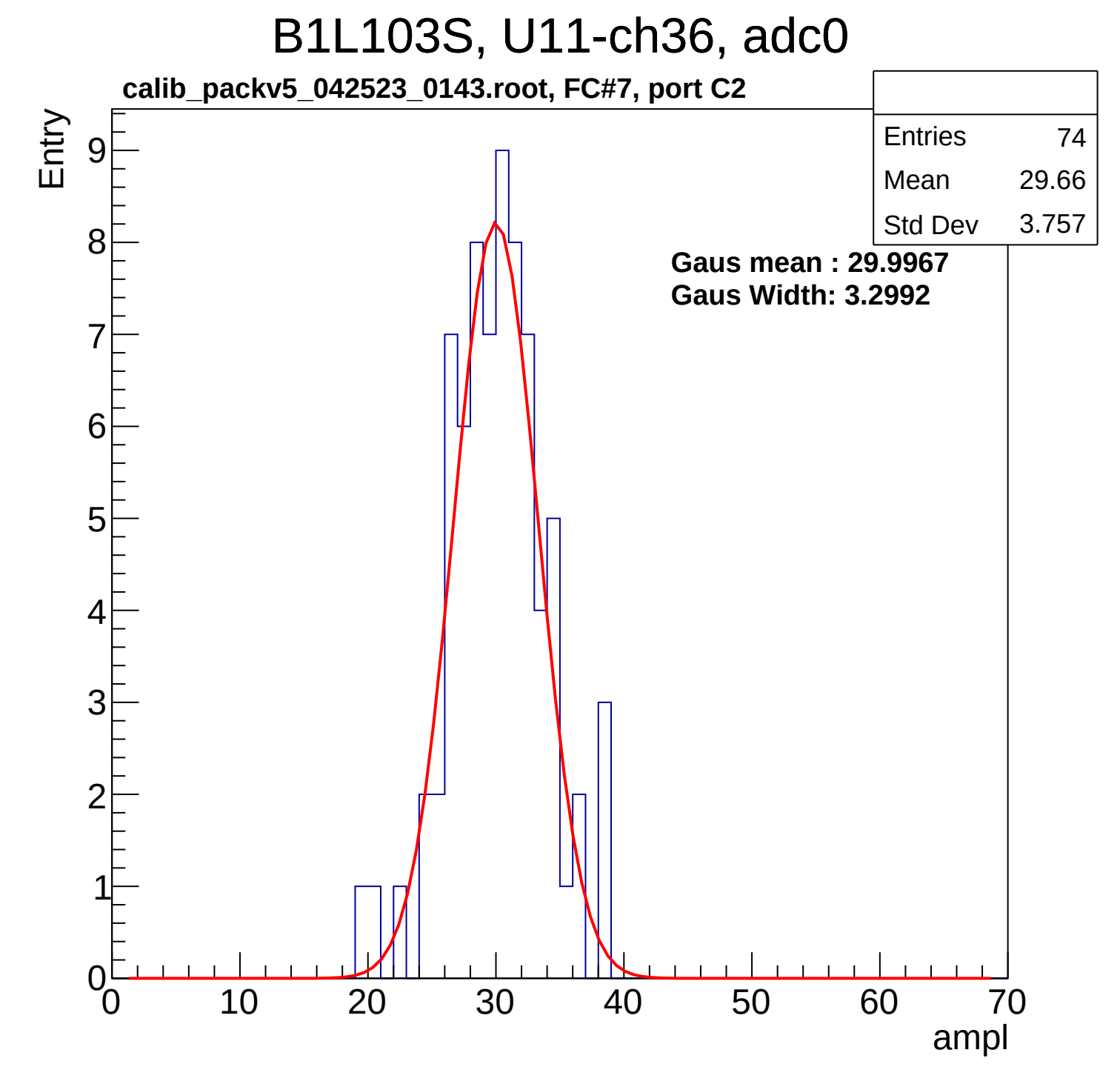
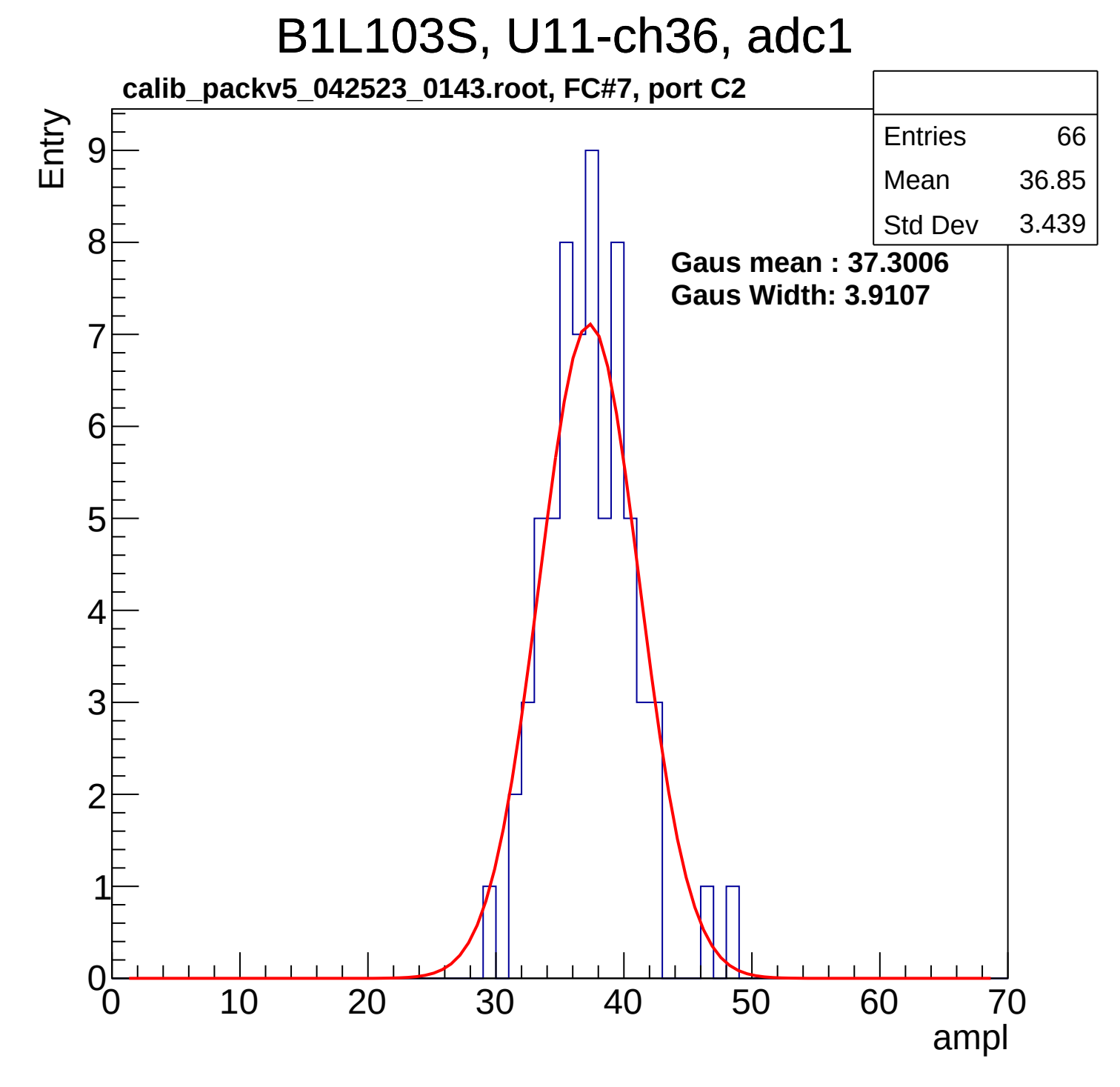

B1L103S, U11-ch35, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 41
Std Dev 28.99
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch35, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch36, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 29.66
Std Dev 3.757
Gaus mean : 29.9967
Gaus Width: 3.2992
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch36, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 36.85
Std Dev 3.439
Gaus mean : 37.3006
Gaus Width: 3.9107
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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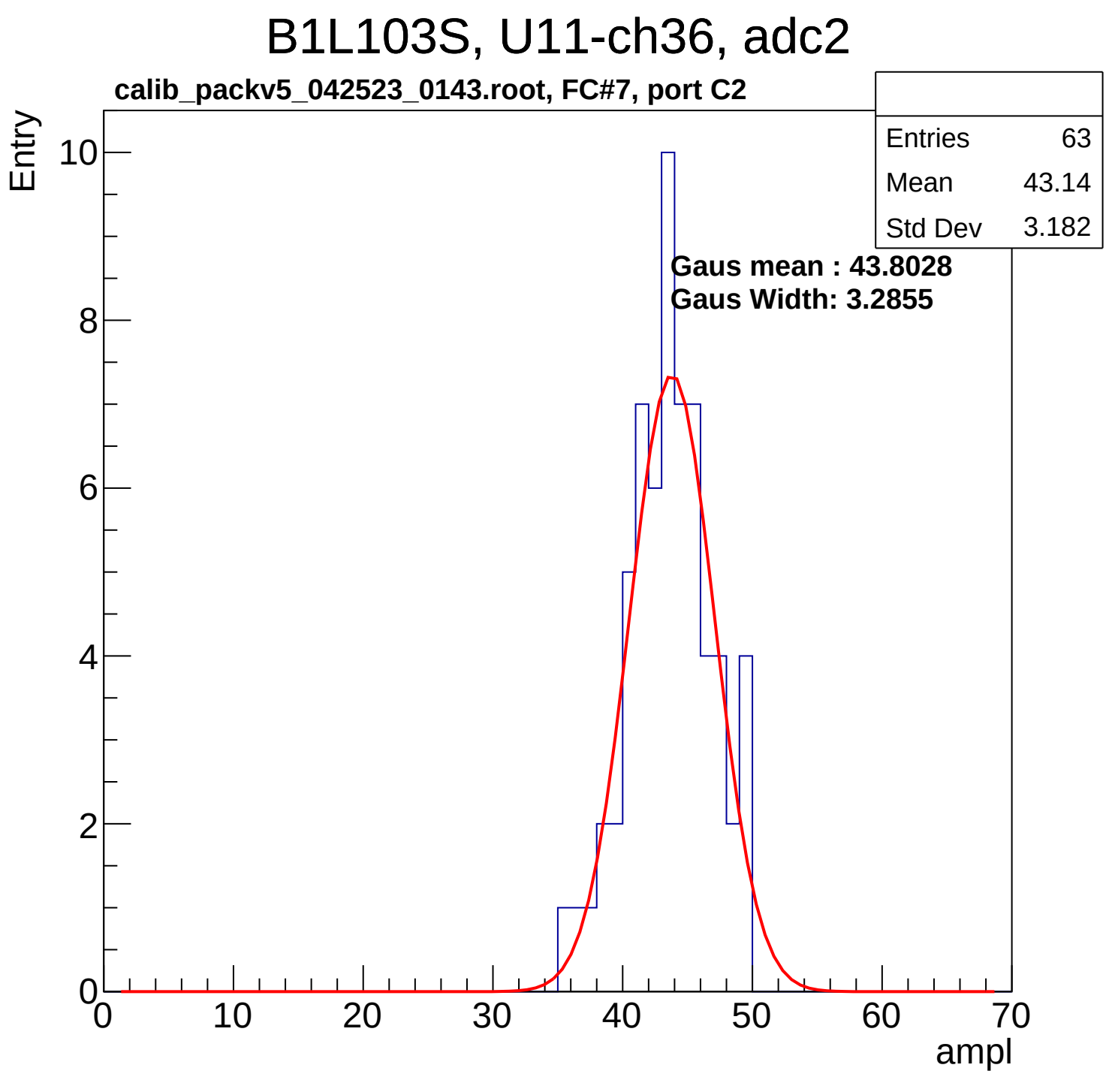
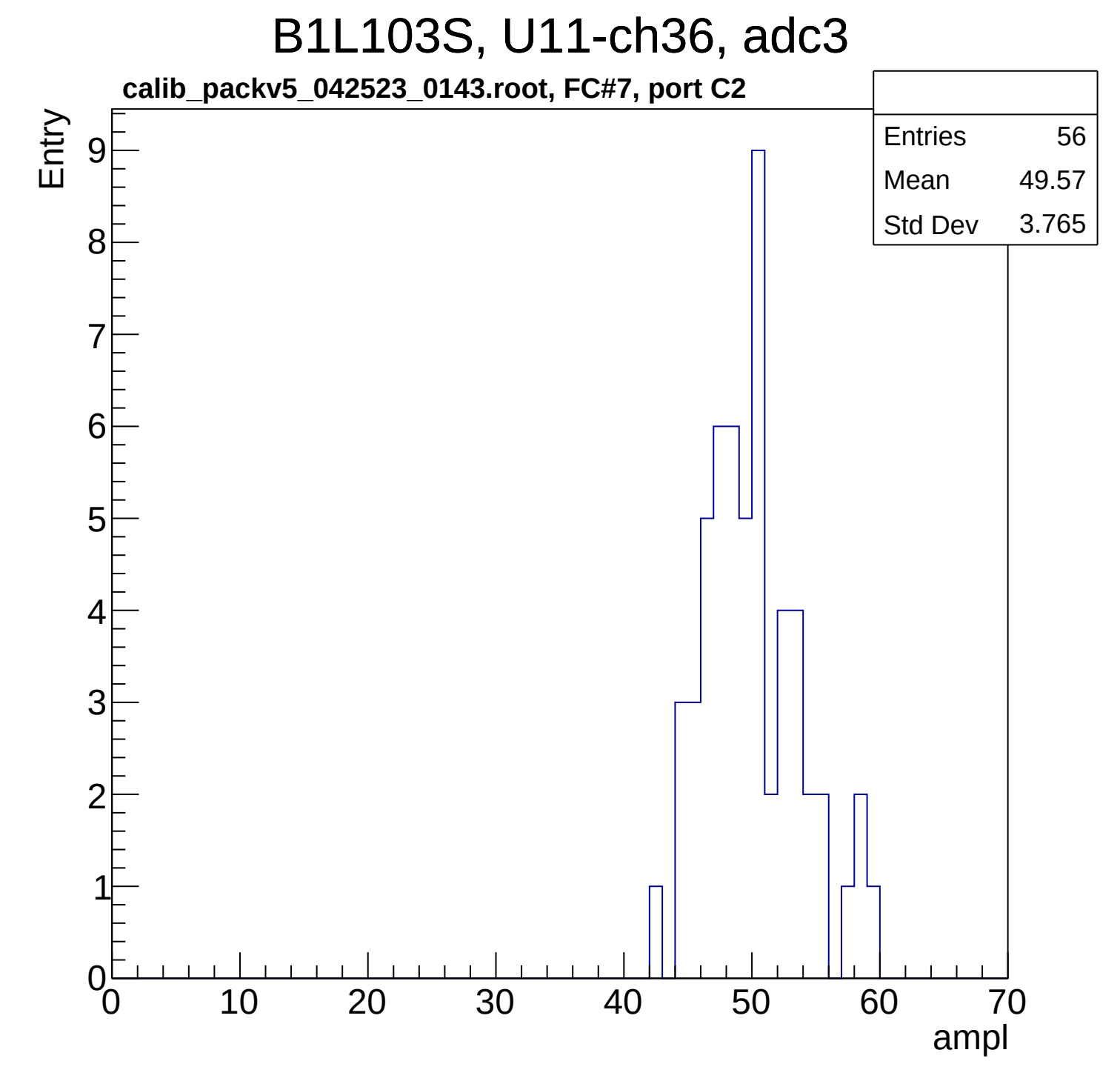

B1L103S, U11-ch36, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 43.14
Std Dev 3.182
Gaus mean : 43.8028
Gaus Width: 3.2855
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch36, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 49.57
Std Dev 3.765
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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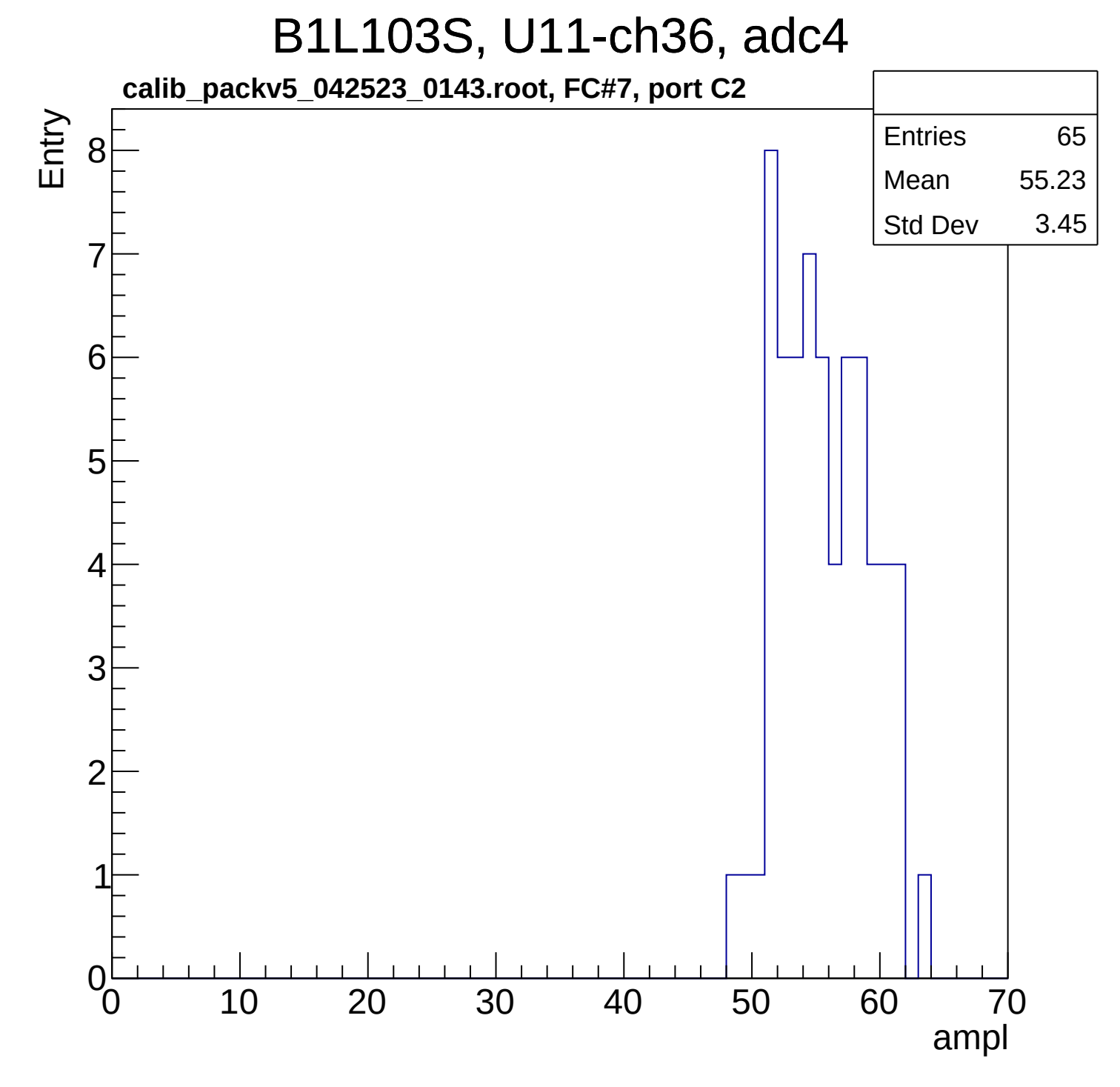
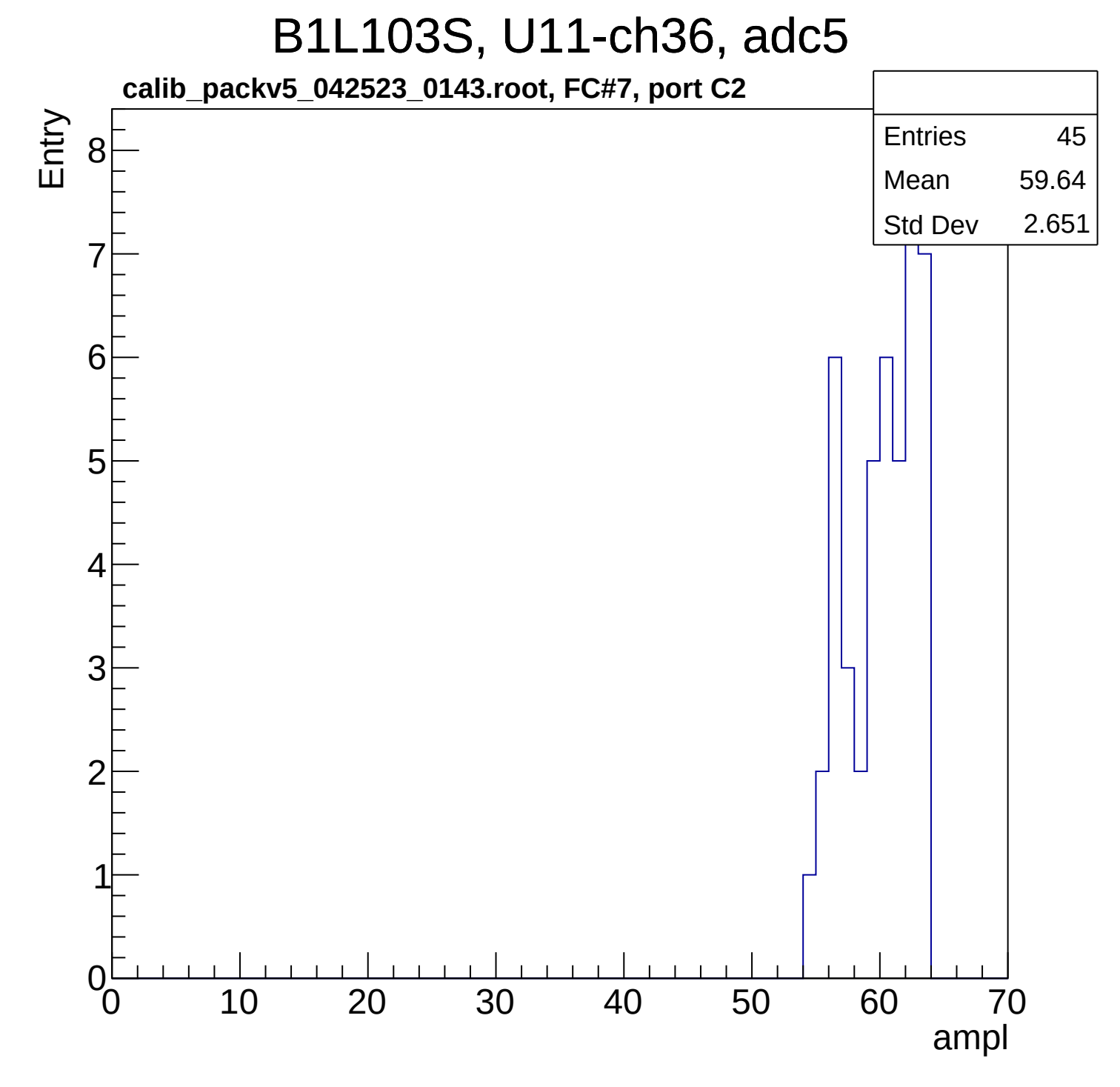
40
50
60
70


B1L103S, U11-ch36, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 55.23
Std Dev 3.45
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch36, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 45
Mean 59.64
Std Dev 2.651
Entry
ampl
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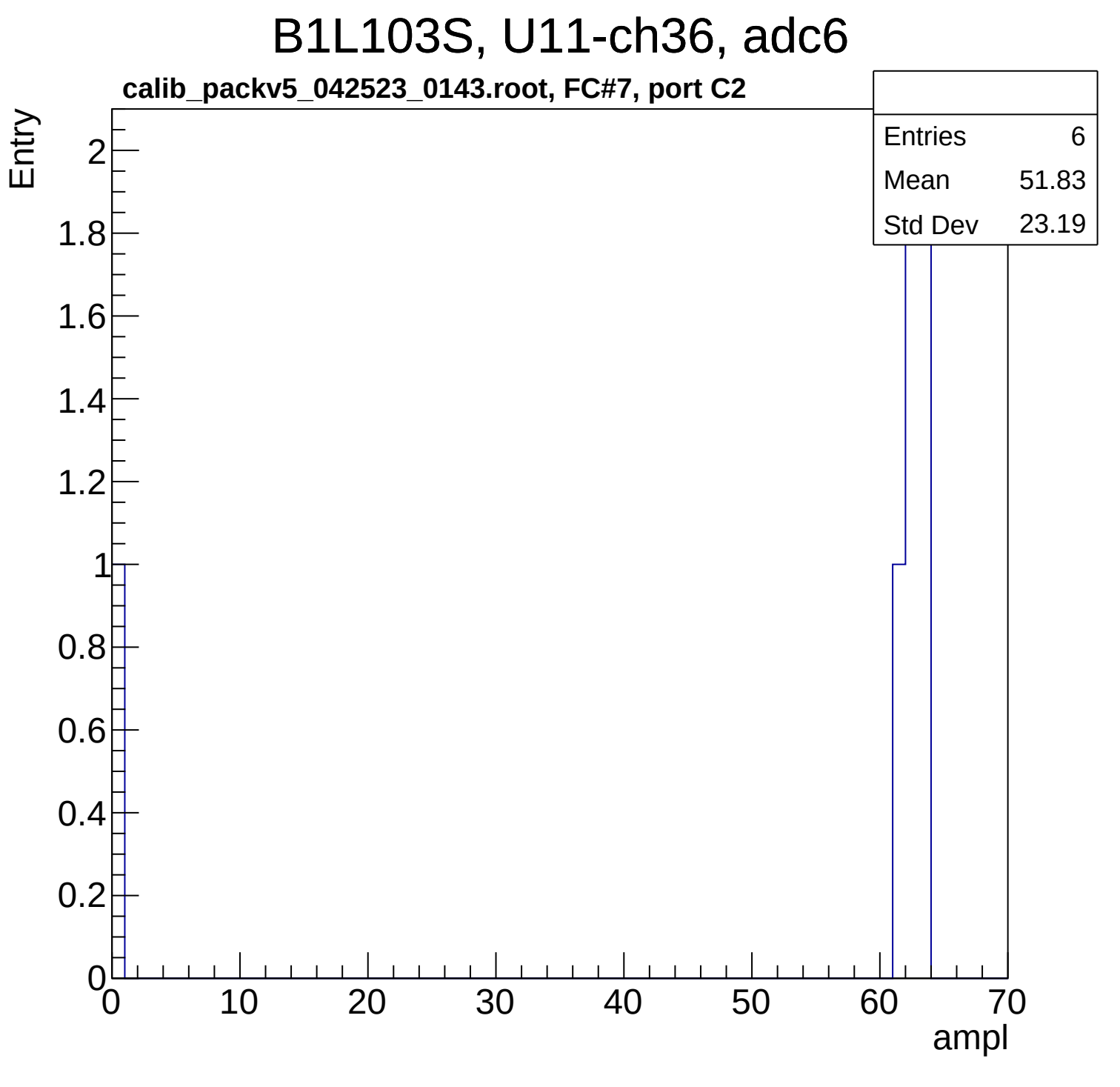
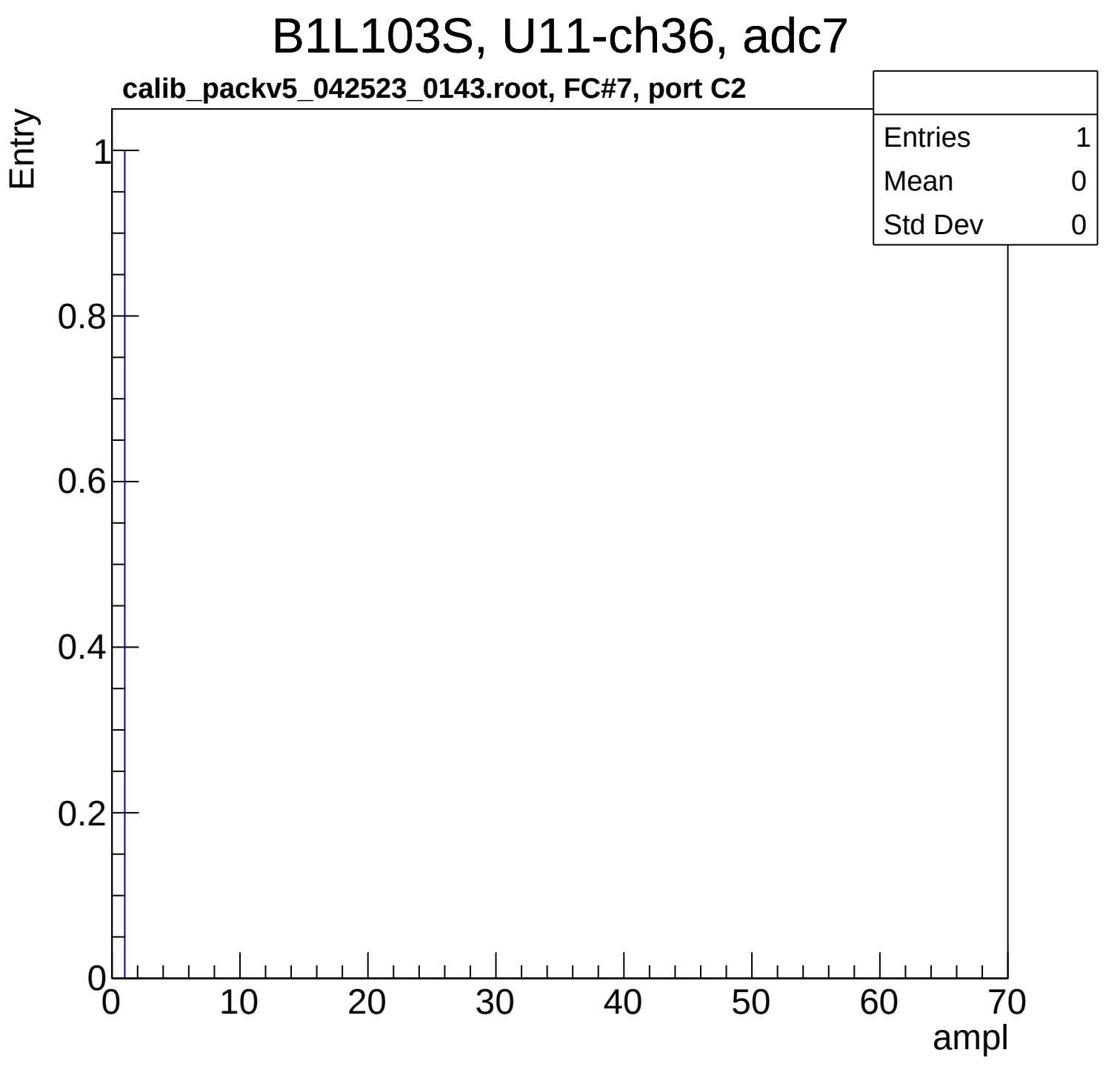
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch36, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 6
Mean 51.83
Std Dev 23.19
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


B1L103S, U11-ch36, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
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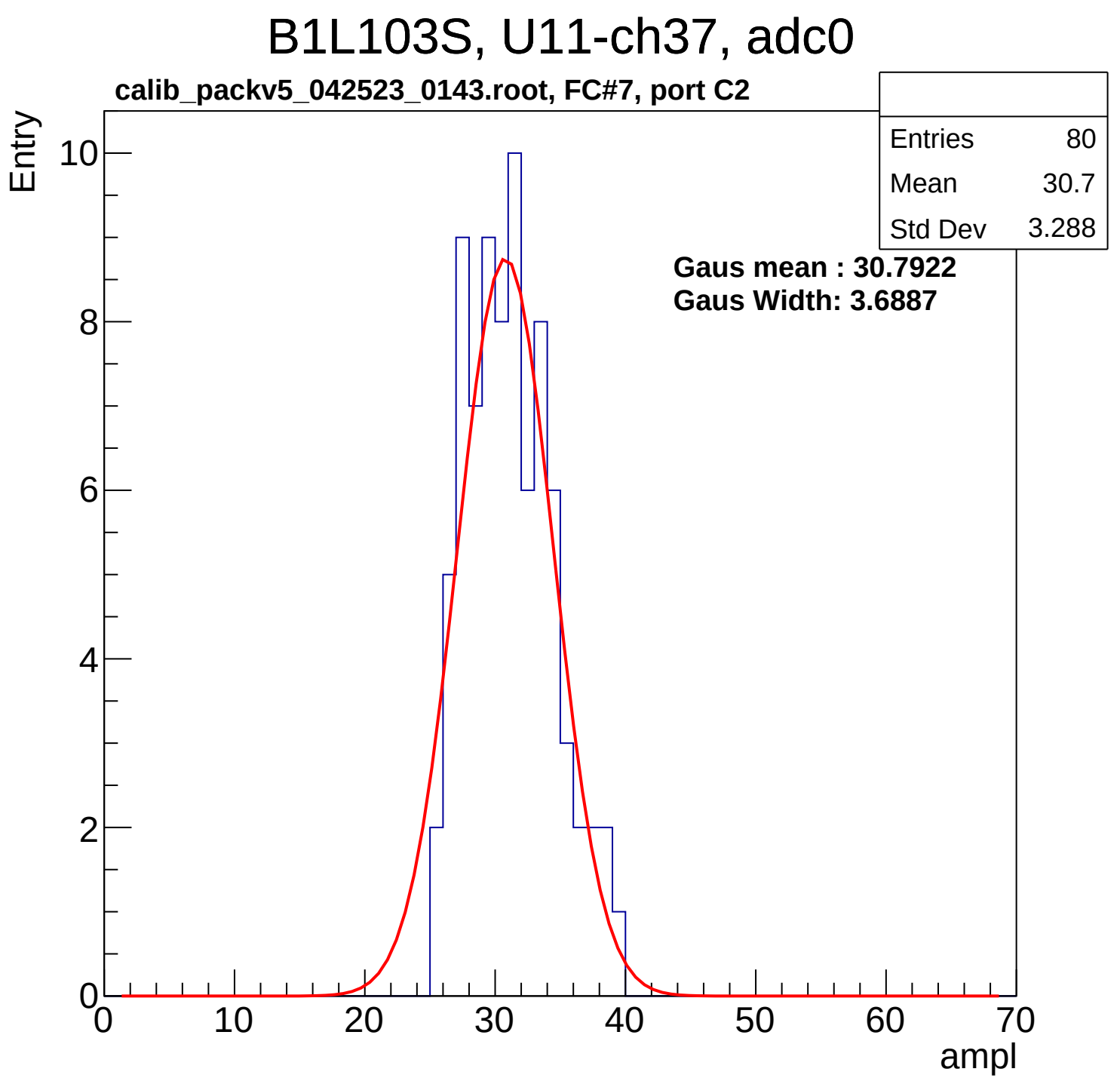
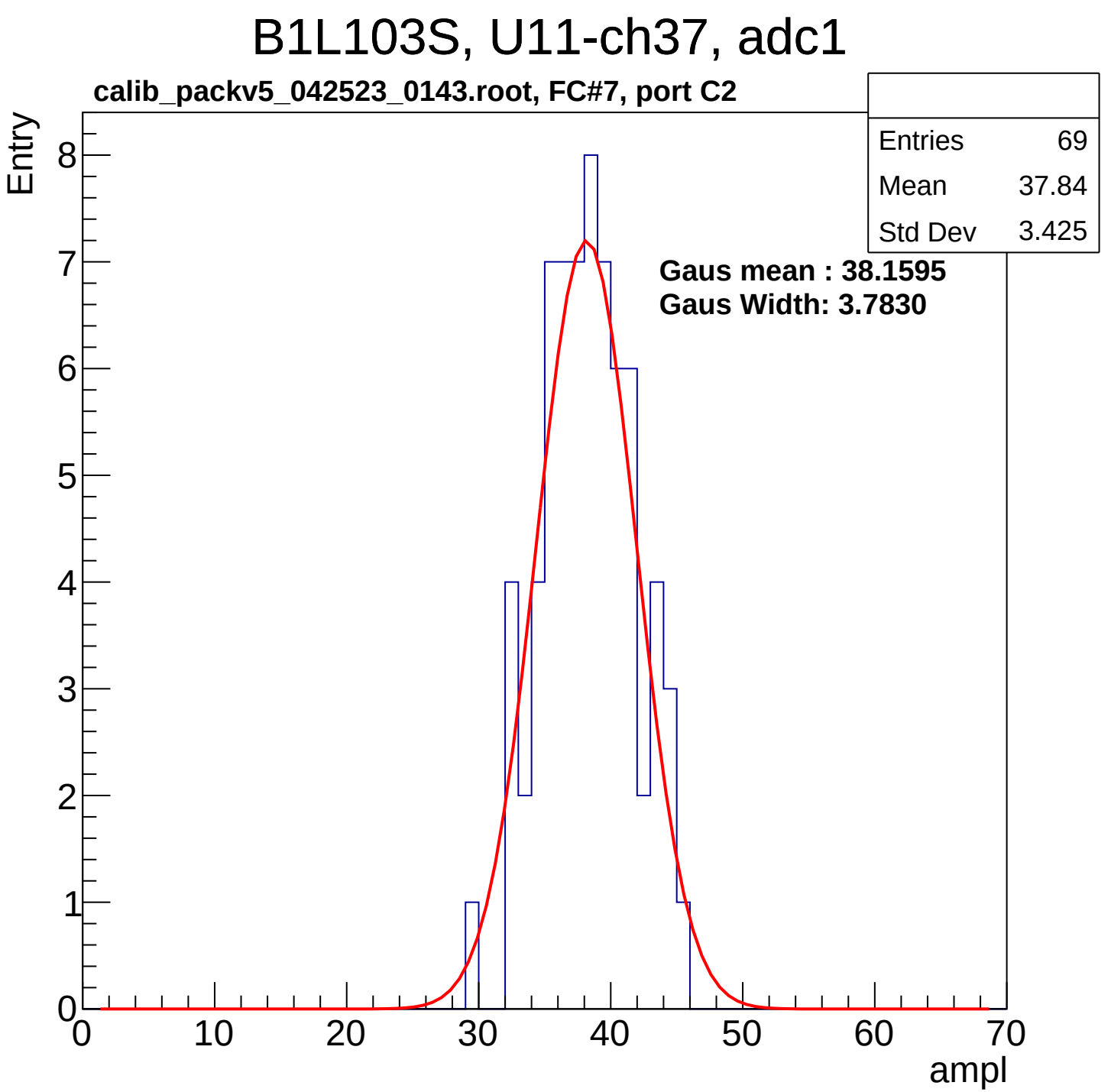
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch37, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 80
Mean 30.7
Std Dev 3.288
Gaus mean : 30.7922
Gaus Width: 3.6887
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch37, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 37.84
Std Dev 3.425
Gaus mean : 38.1595
Gaus Width: 3.7830
Entry
ampl
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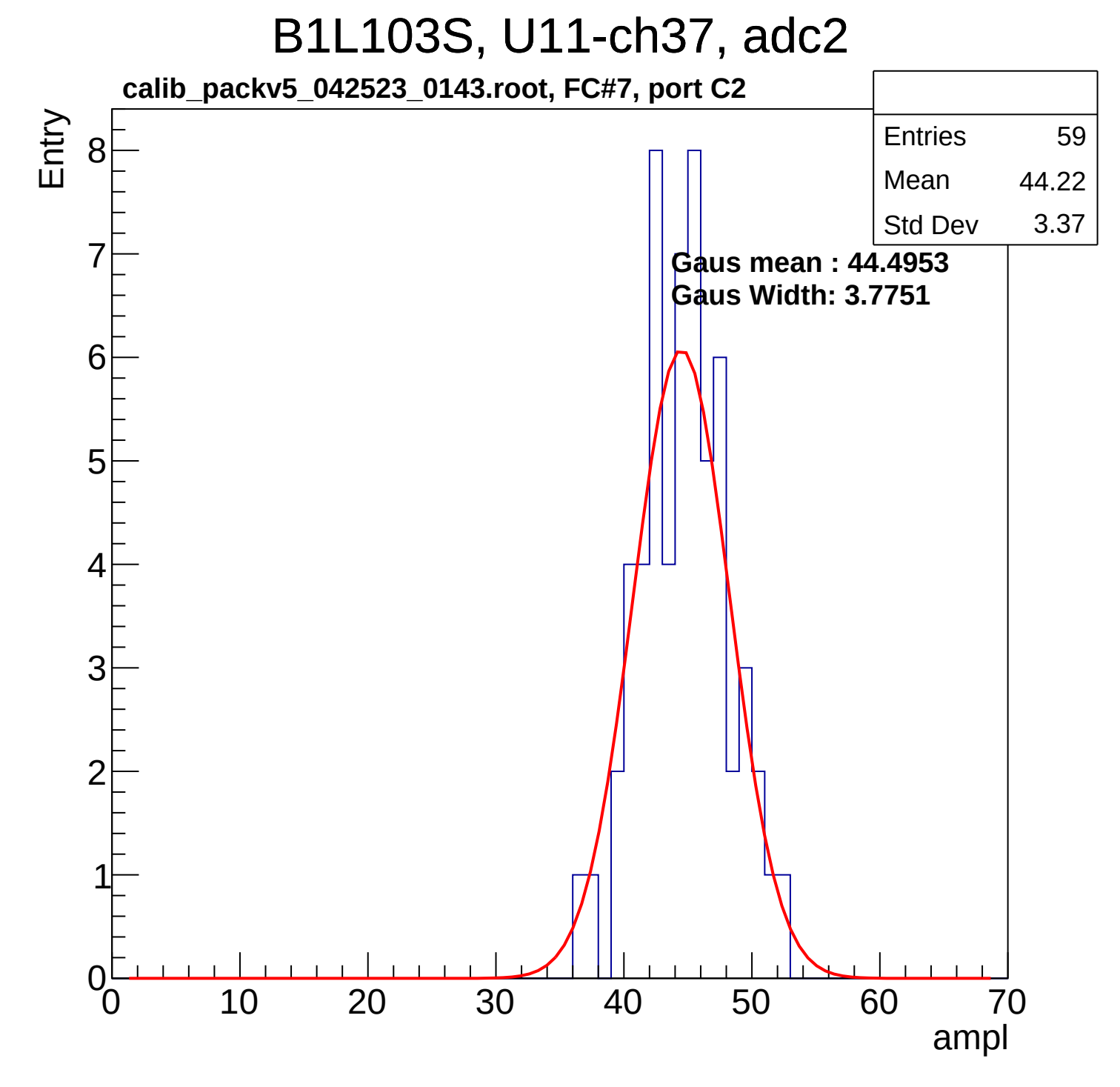
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch37, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 44.22
Std Dev 3.37
Gaus mean : 44.4953
Gaus Width: 3.7751
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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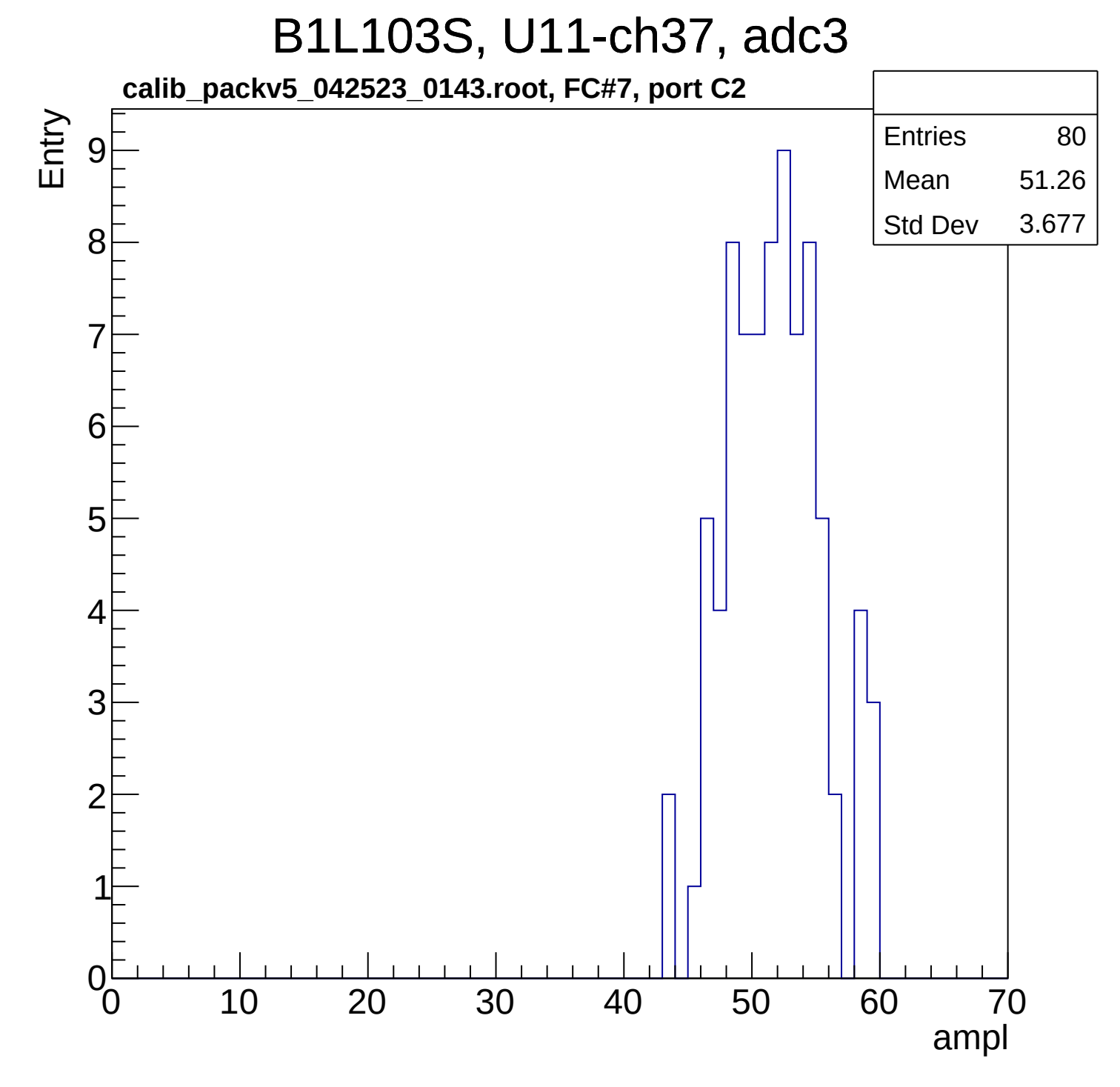
B1L103S, U11-ch37, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 80
Mean 51.26
Std Dev 3.677
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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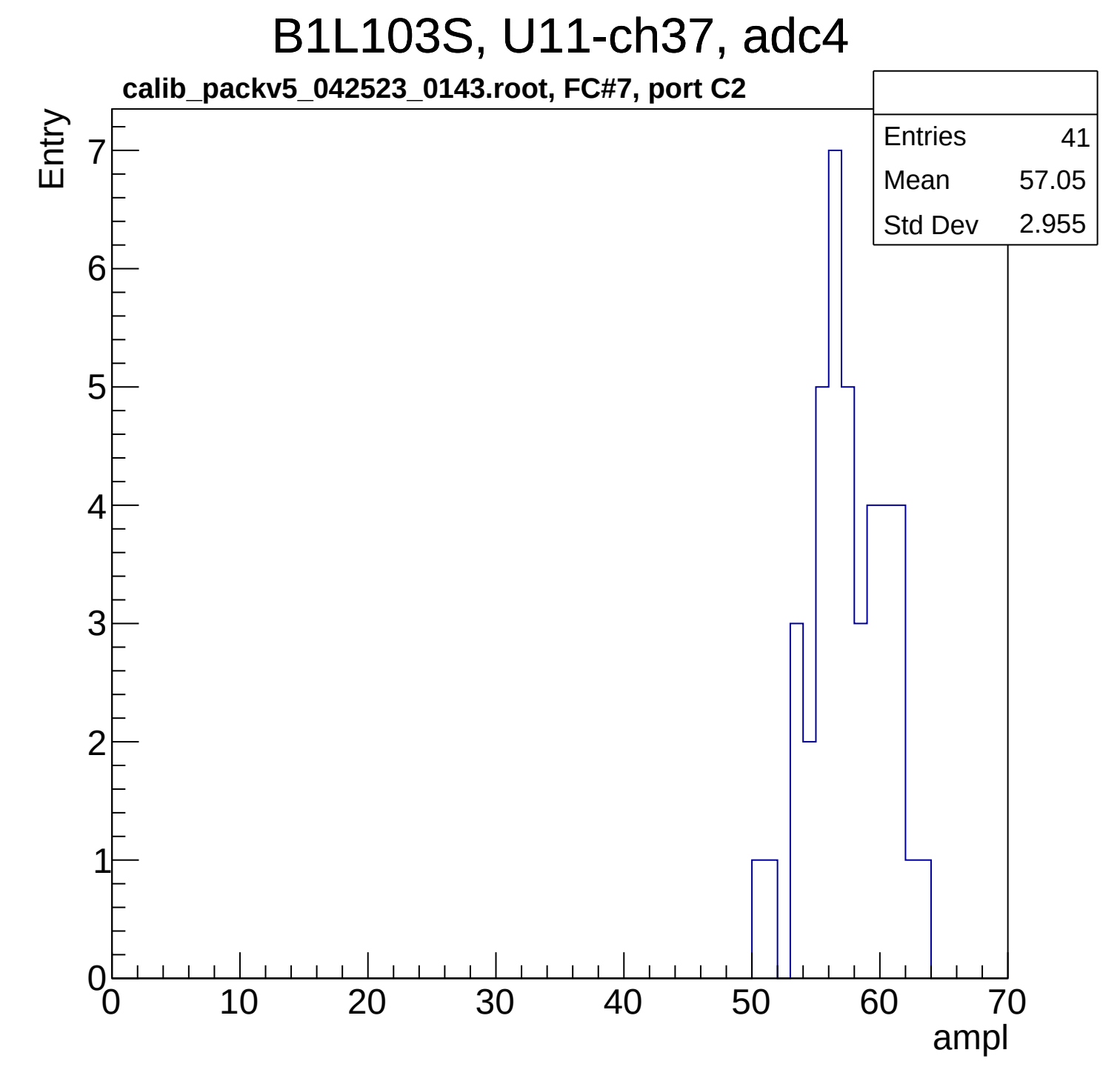
B1L103S, U11-ch37, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 41
Mean 57.05
Std Dev 2.955
Entry
ampl
0
1
2
3
4
5
6
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0
10
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40
50
60
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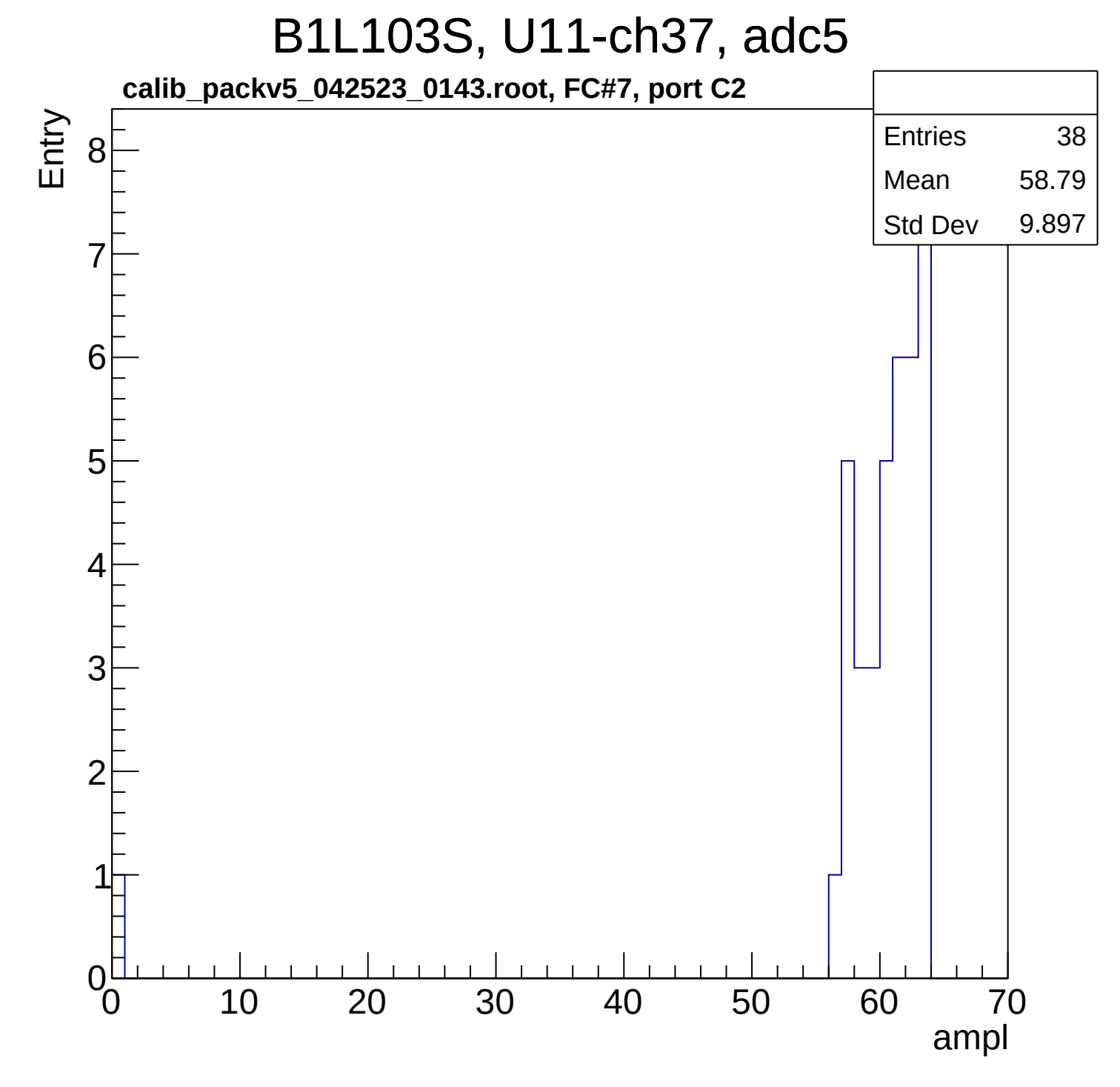
B1L103S, U11-ch37, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 38
Mean 58.79
Std Dev 9.897
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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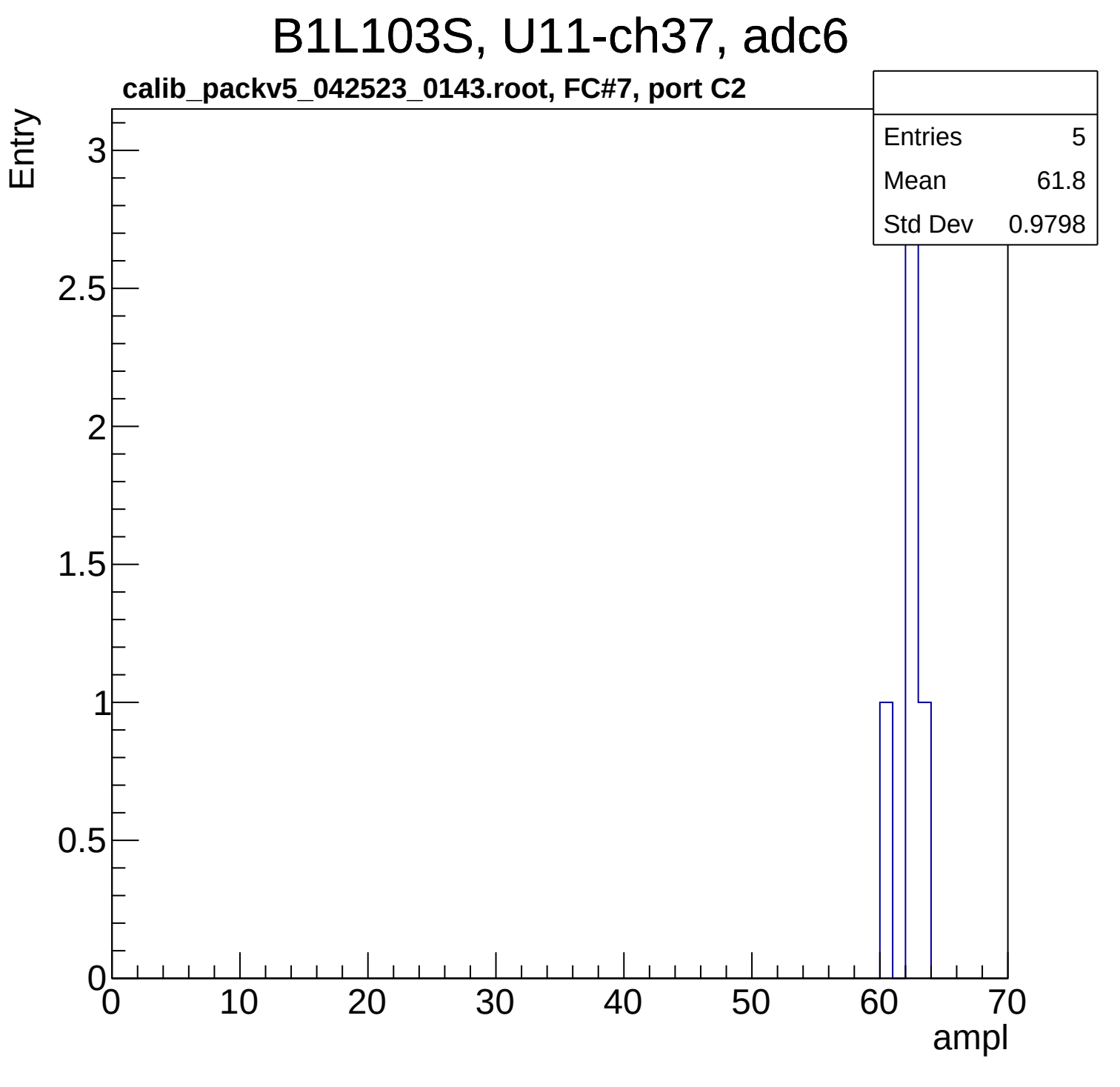
B1L103S, U11-ch37, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 61.8
Std Dev 0.9798
Entry
ampl
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0.5
1
1.5
2
2.5
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0
10
20
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60
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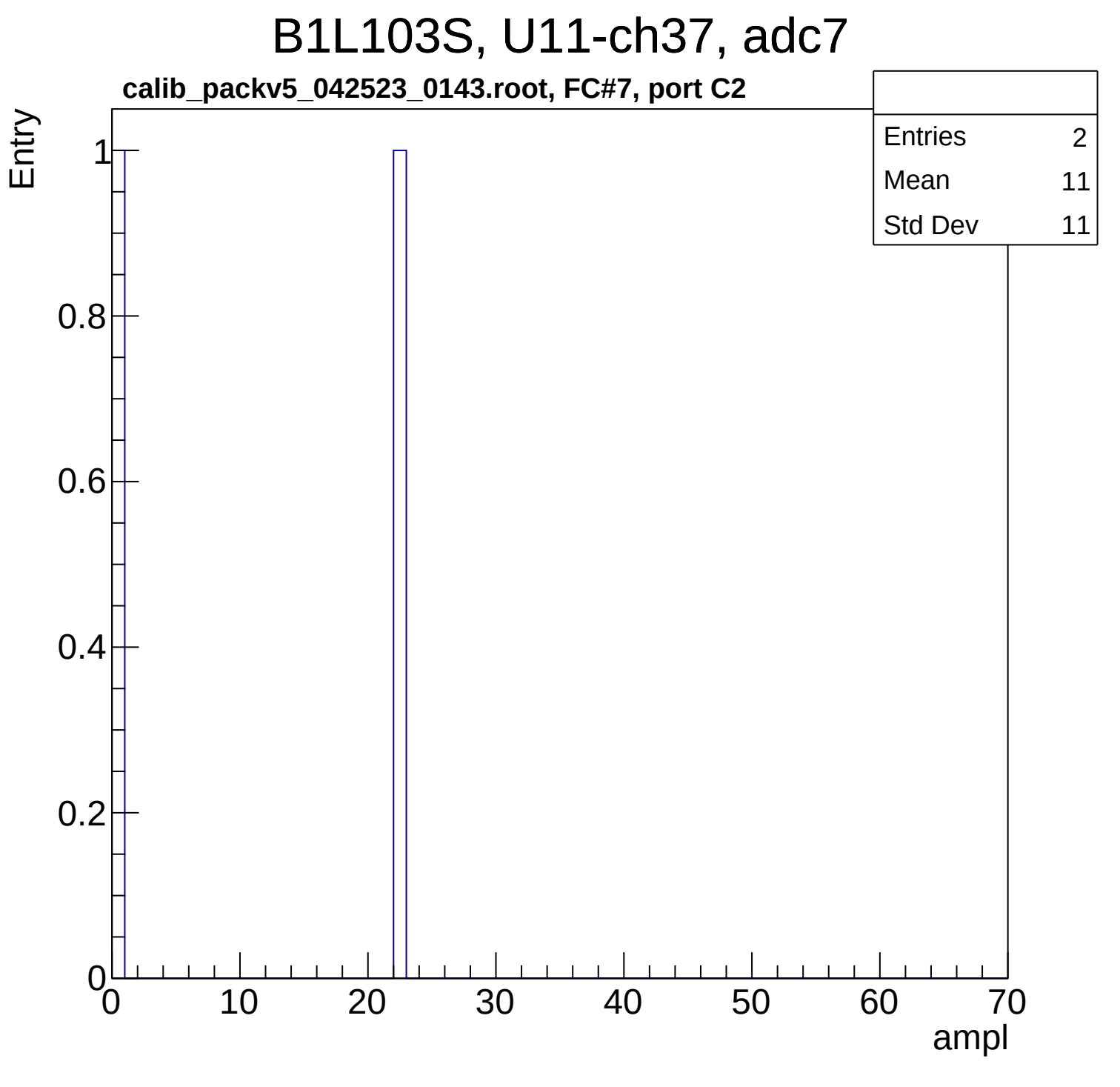
B1L103S, U11-ch37, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 11
Std Dev 11
Entry
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0.6
0.4
0.2
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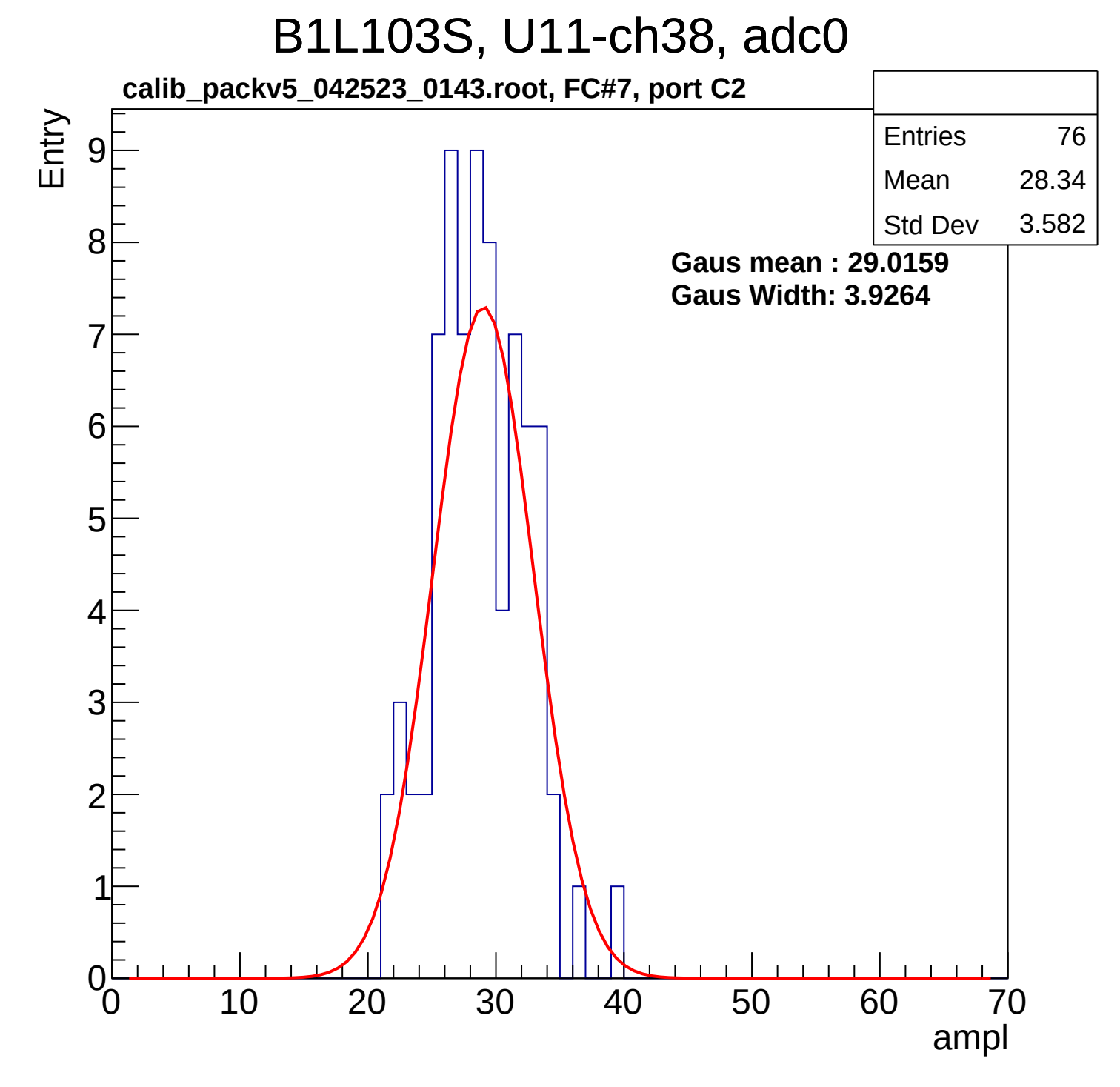
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch38, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 28.34
Std Dev 3.582
Gaus mean : 29.0159
Gaus Width: 3.9264
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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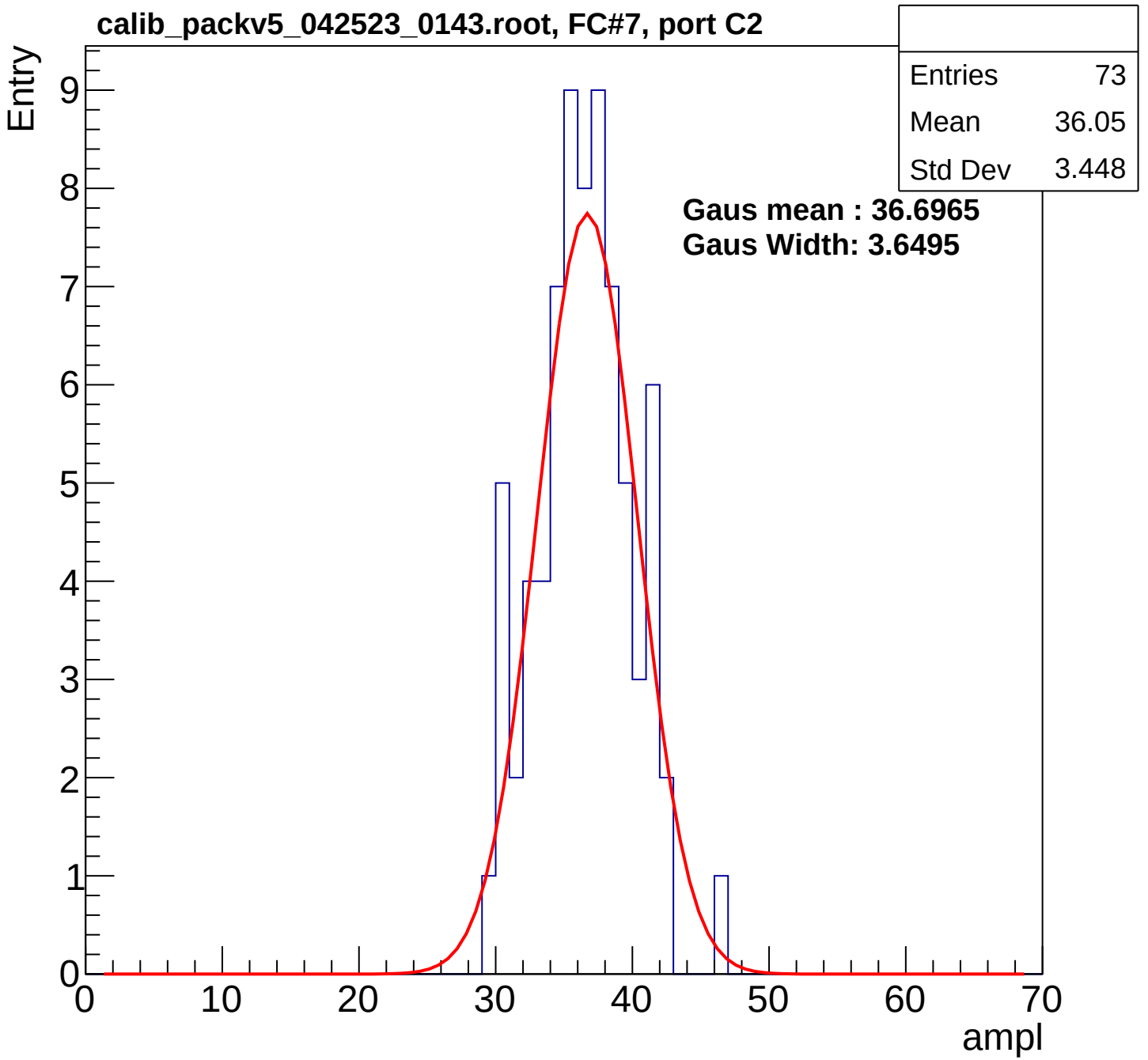
B1L103S, U11-ch38, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 36.05
Std Dev 3.448
Gaus mean : 36.6965
Gaus Width: 3.6495
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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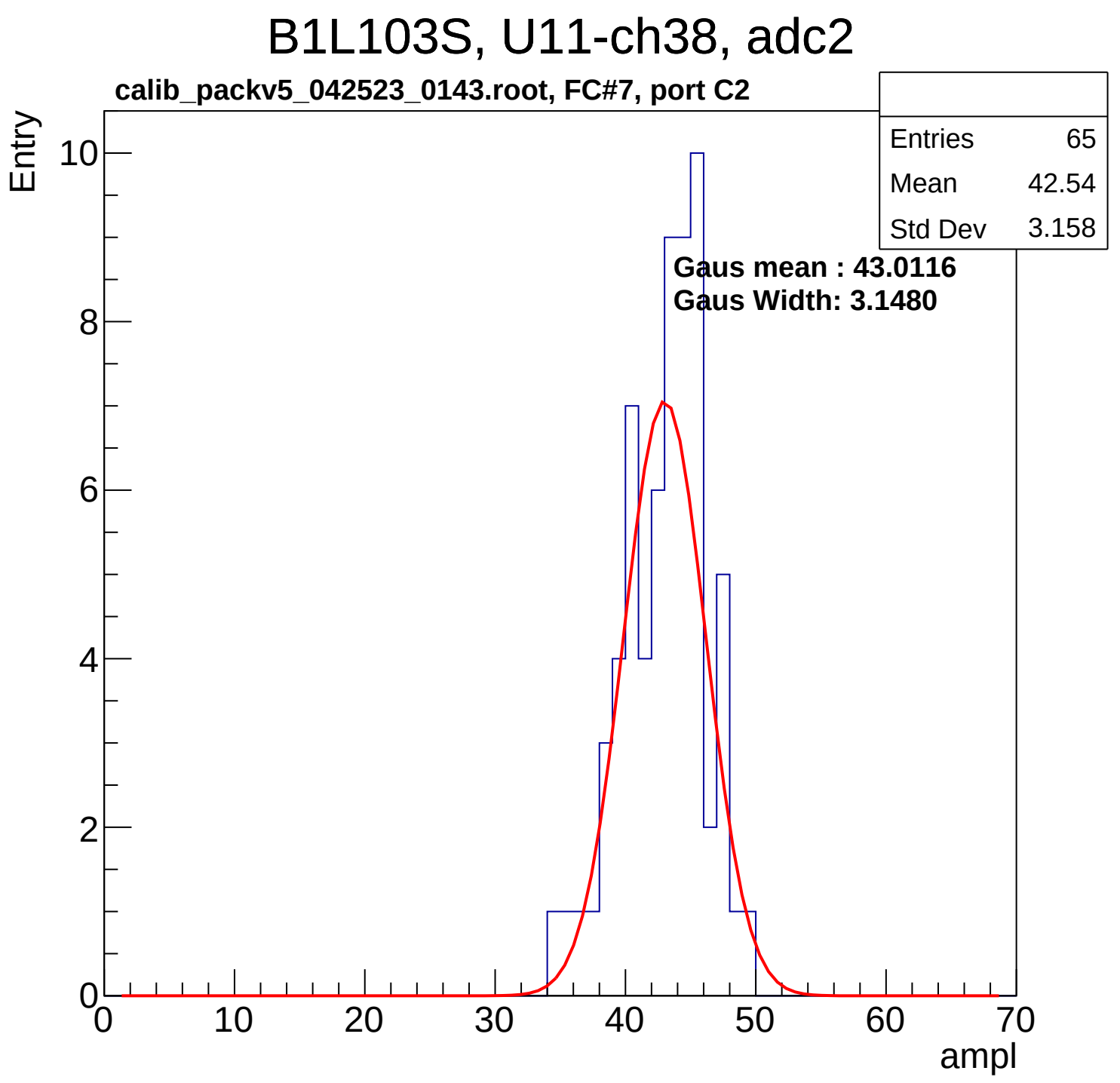
B1L103S, U11-ch38, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 42.54
Std Dev 3.158
Gaus mean : 43.0116
Gaus Width: 3.1480
Entry
ampl
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2
4
6
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0
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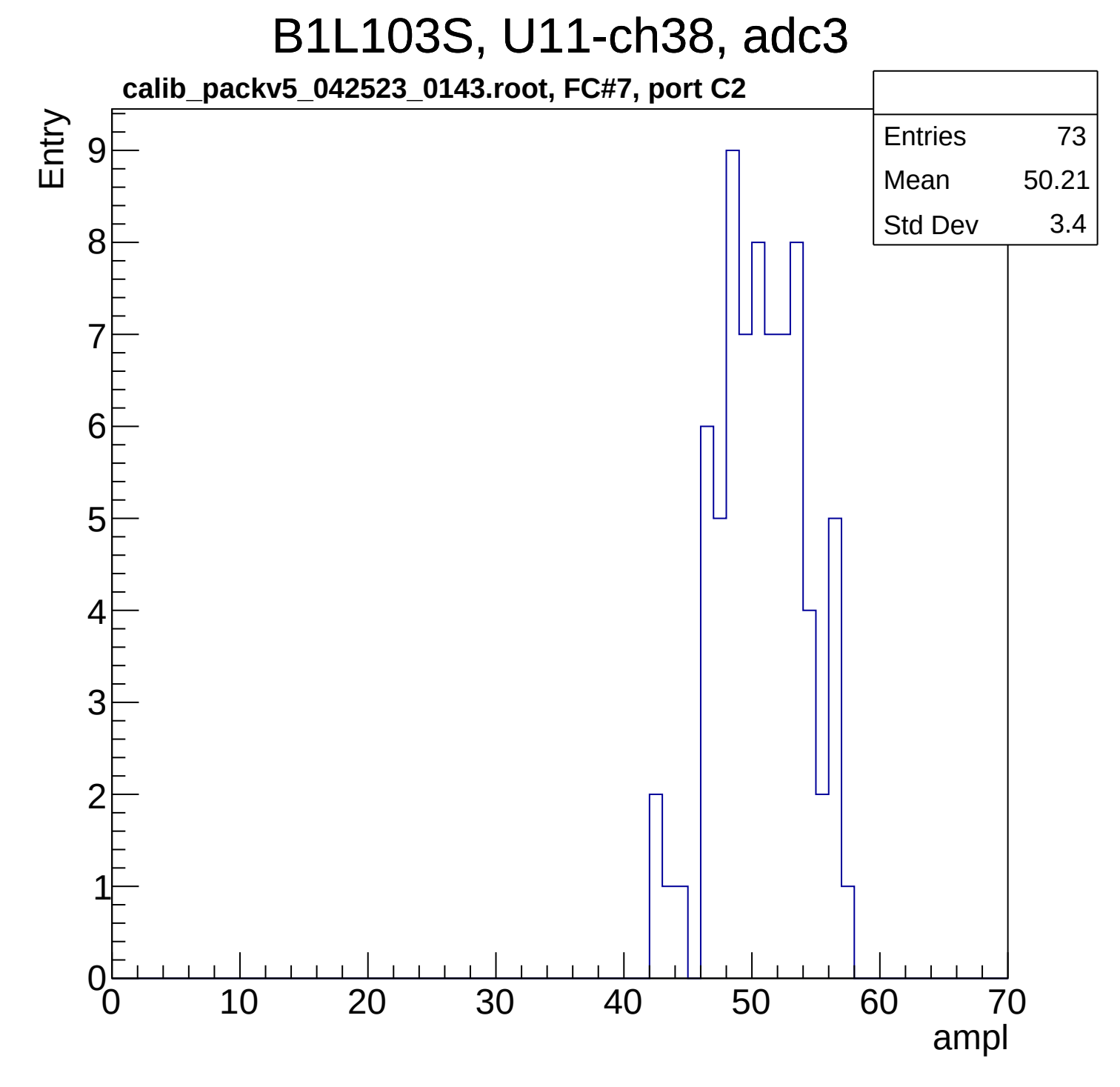
B1L103S, U11-ch38, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 50.21
Std Dev 3.4
Entry
ampl
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3
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5
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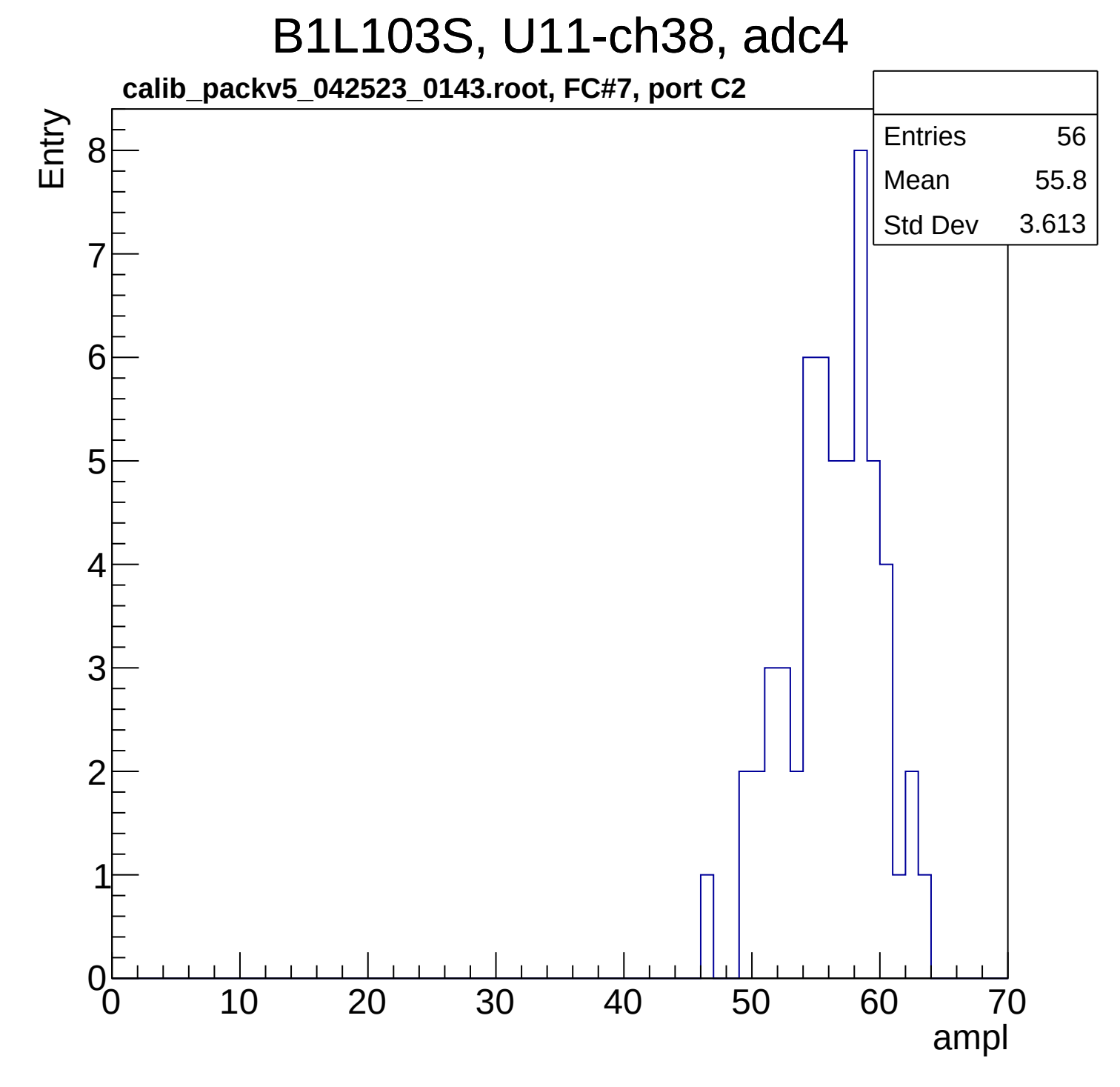
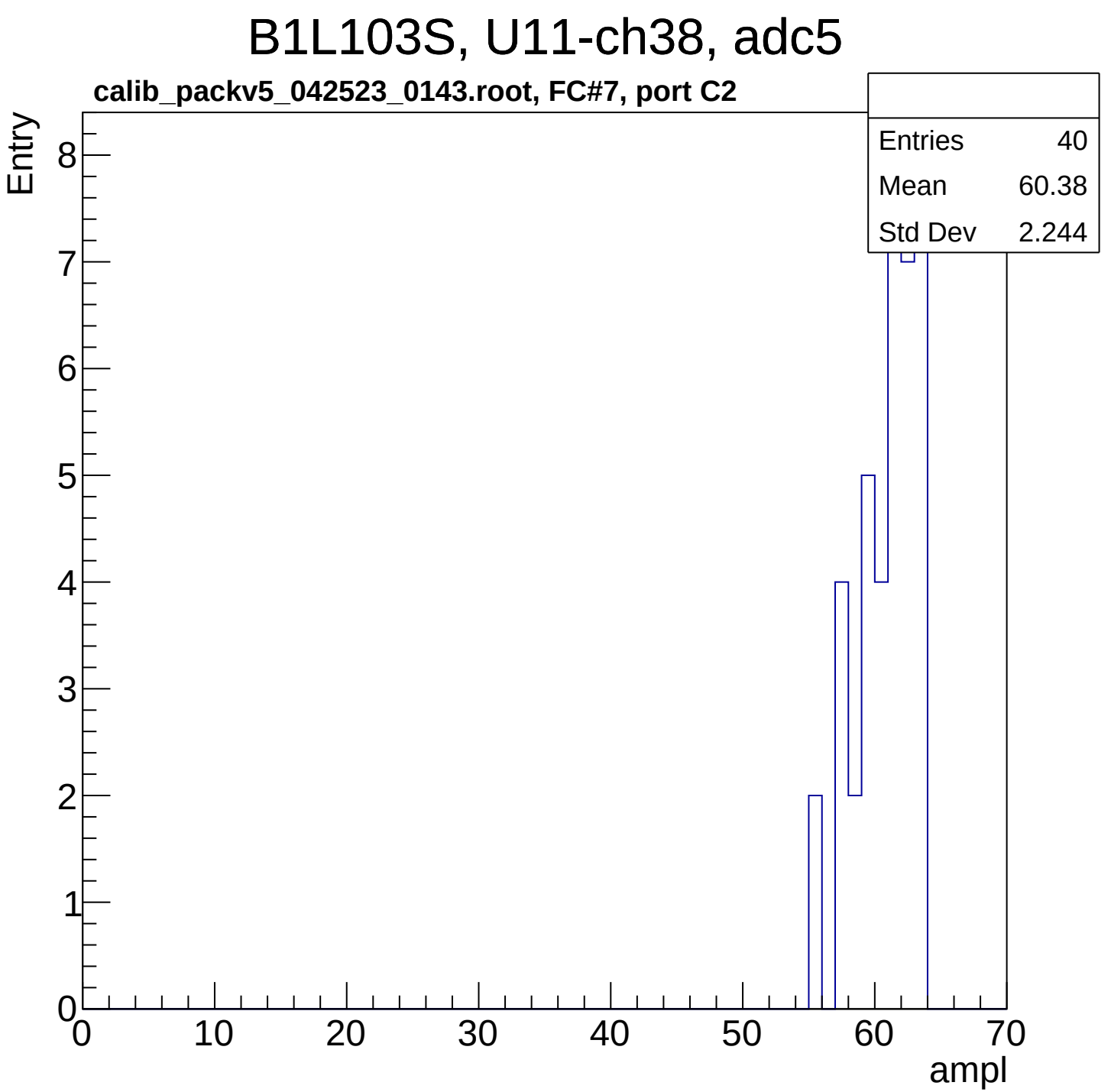
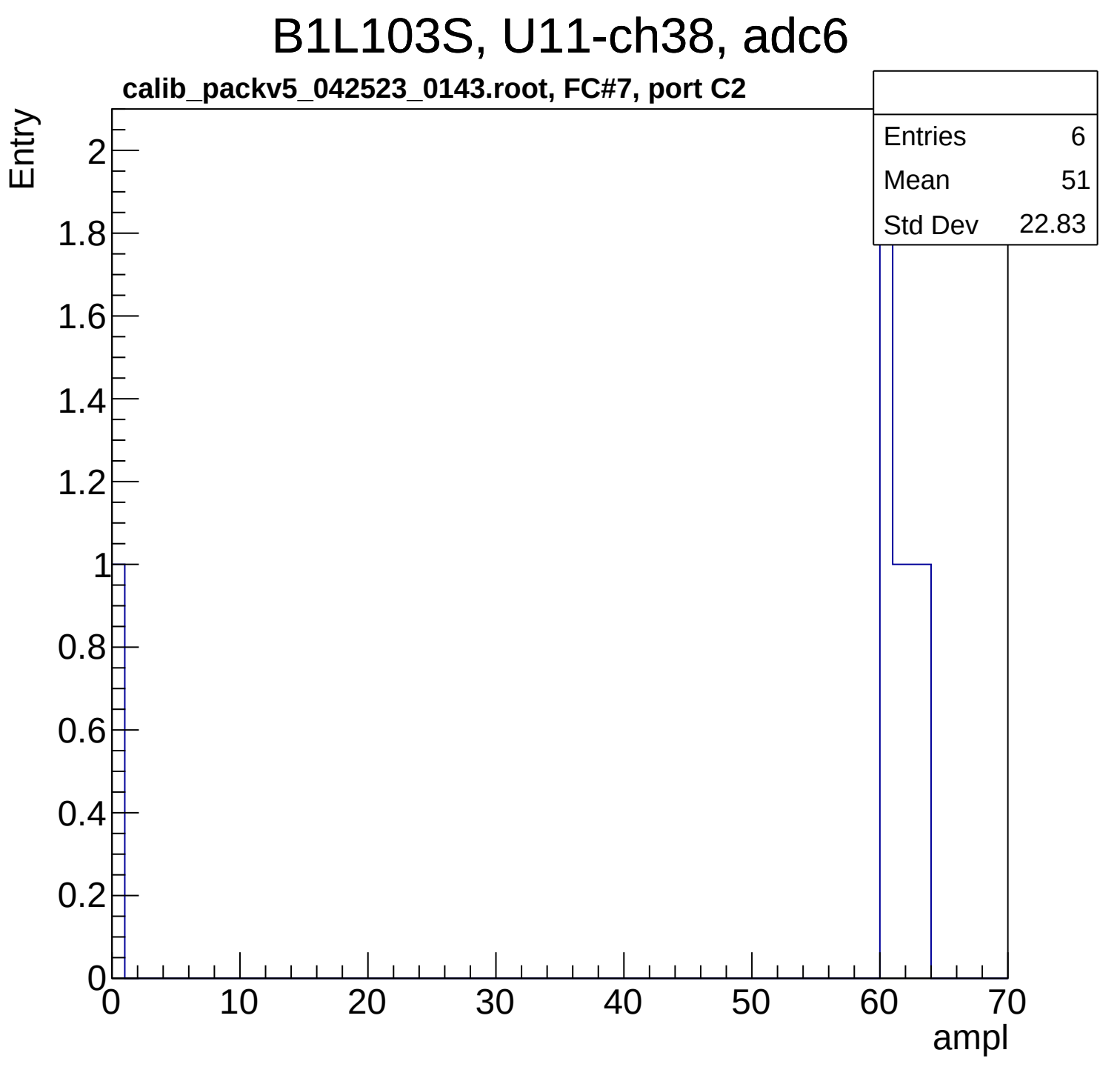

B1L103S, U11-ch38, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 55.8
Std Dev 3.613
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch38, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 40
Mean 60.38
Std Dev 2.244
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch38, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 6
Mean 51
Std Dev 22.83
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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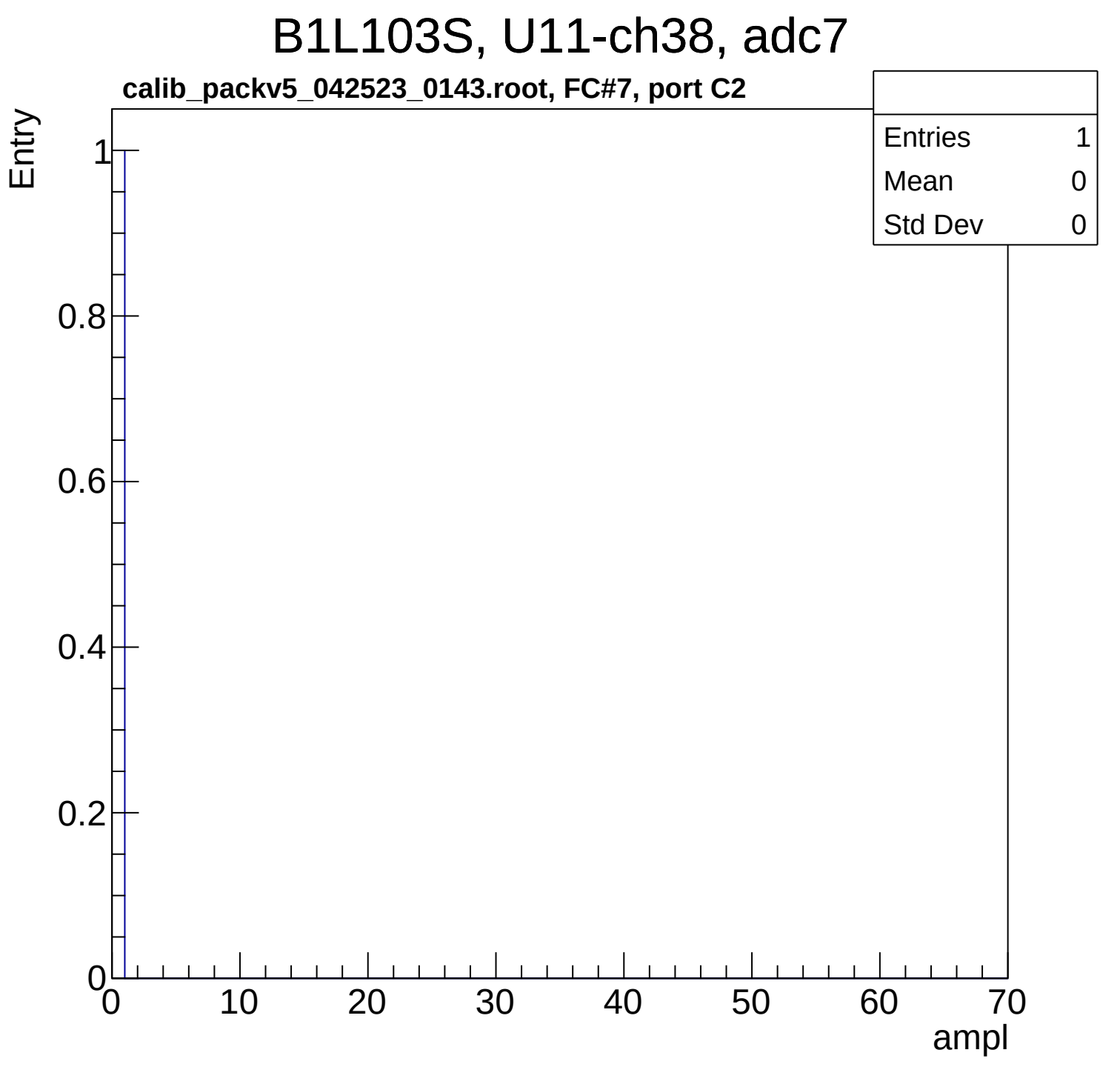
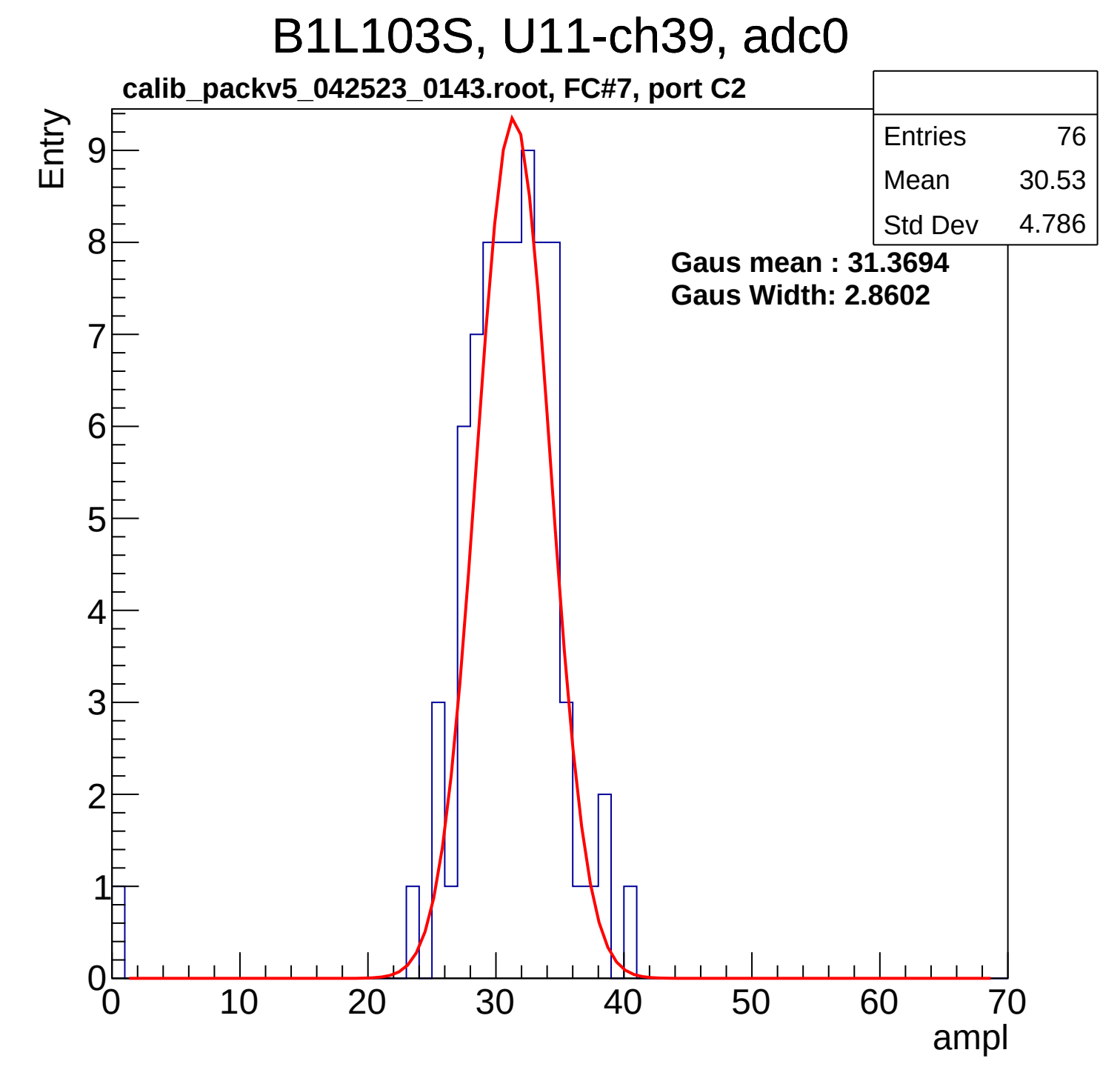
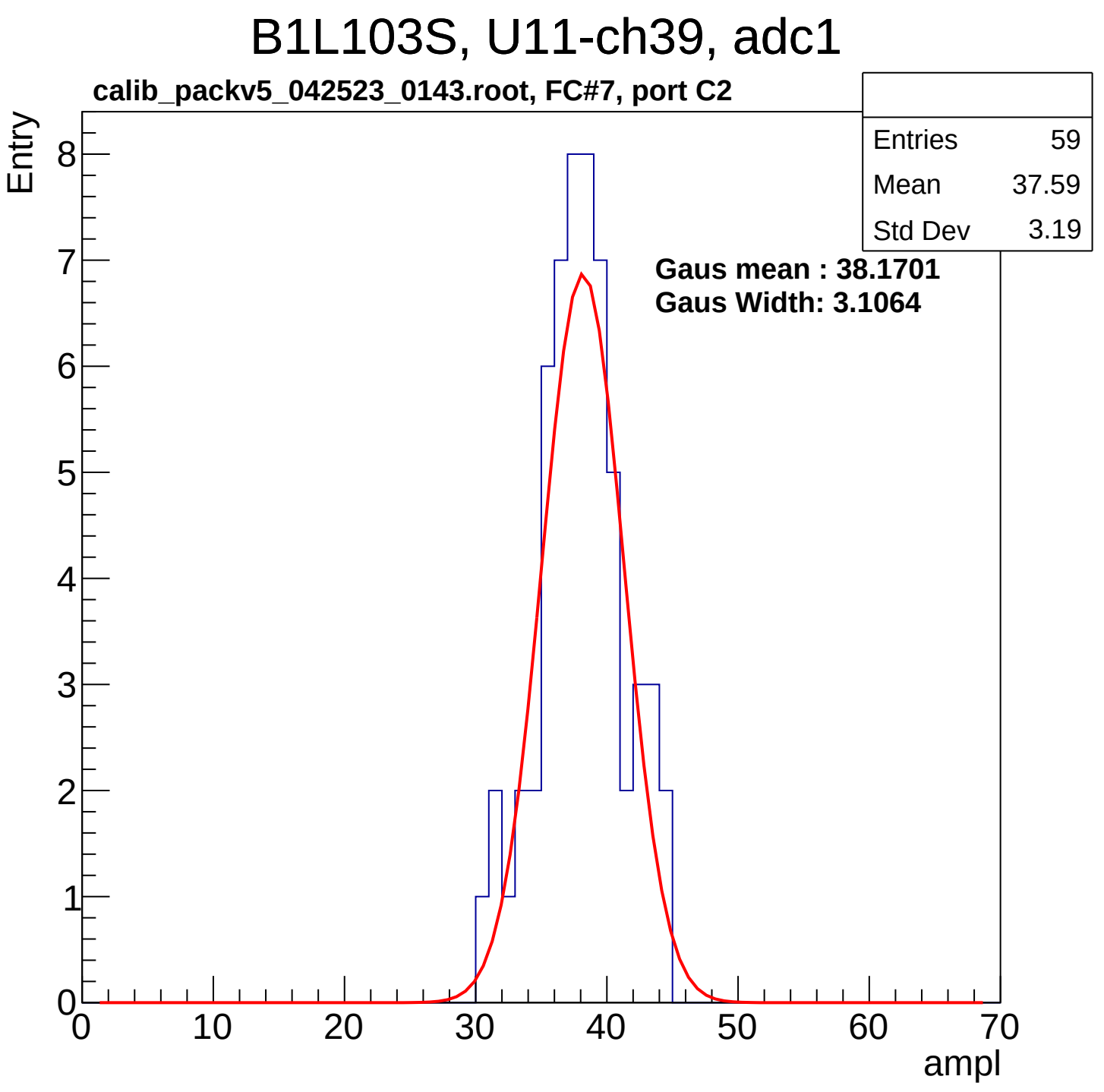
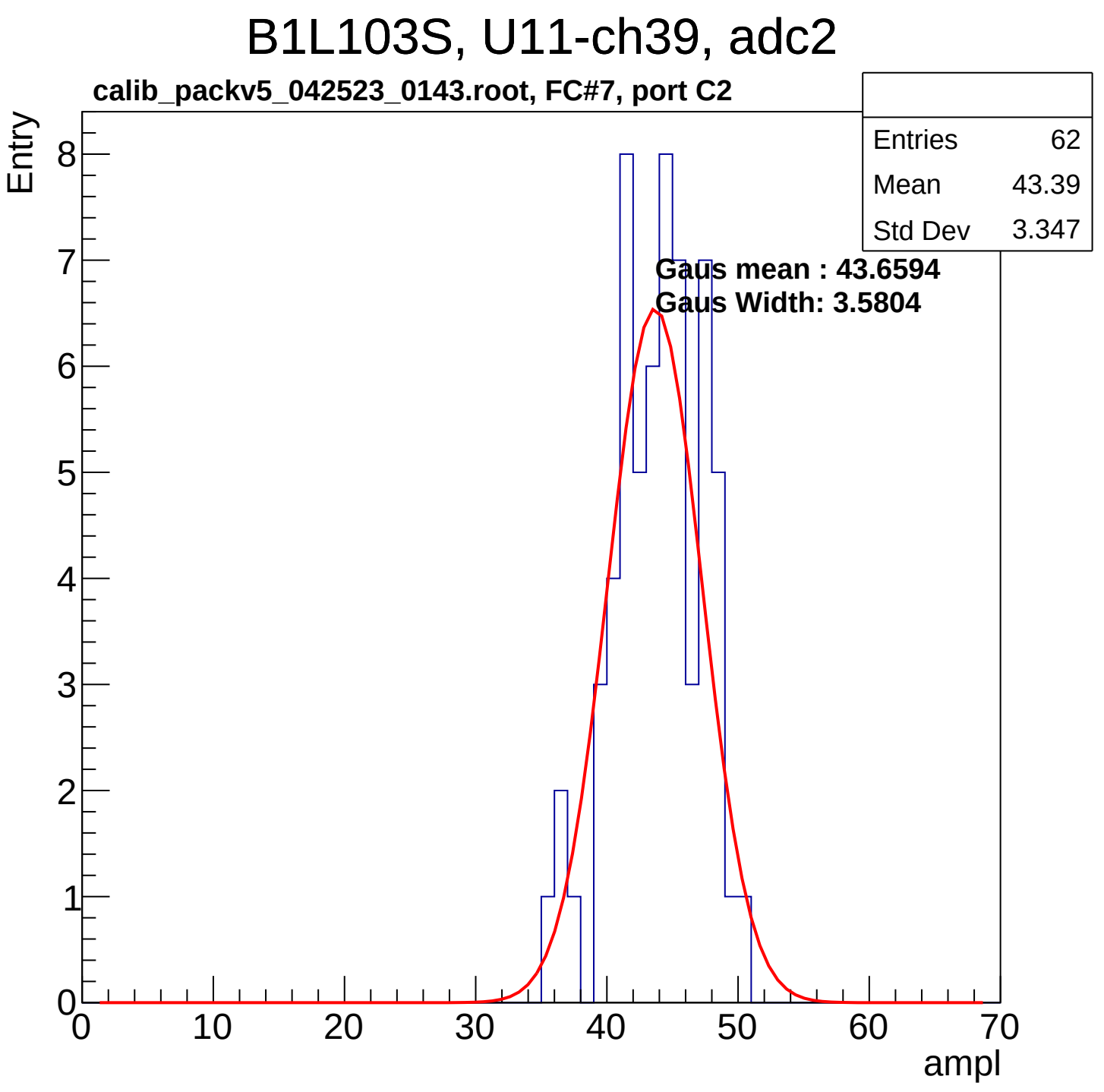
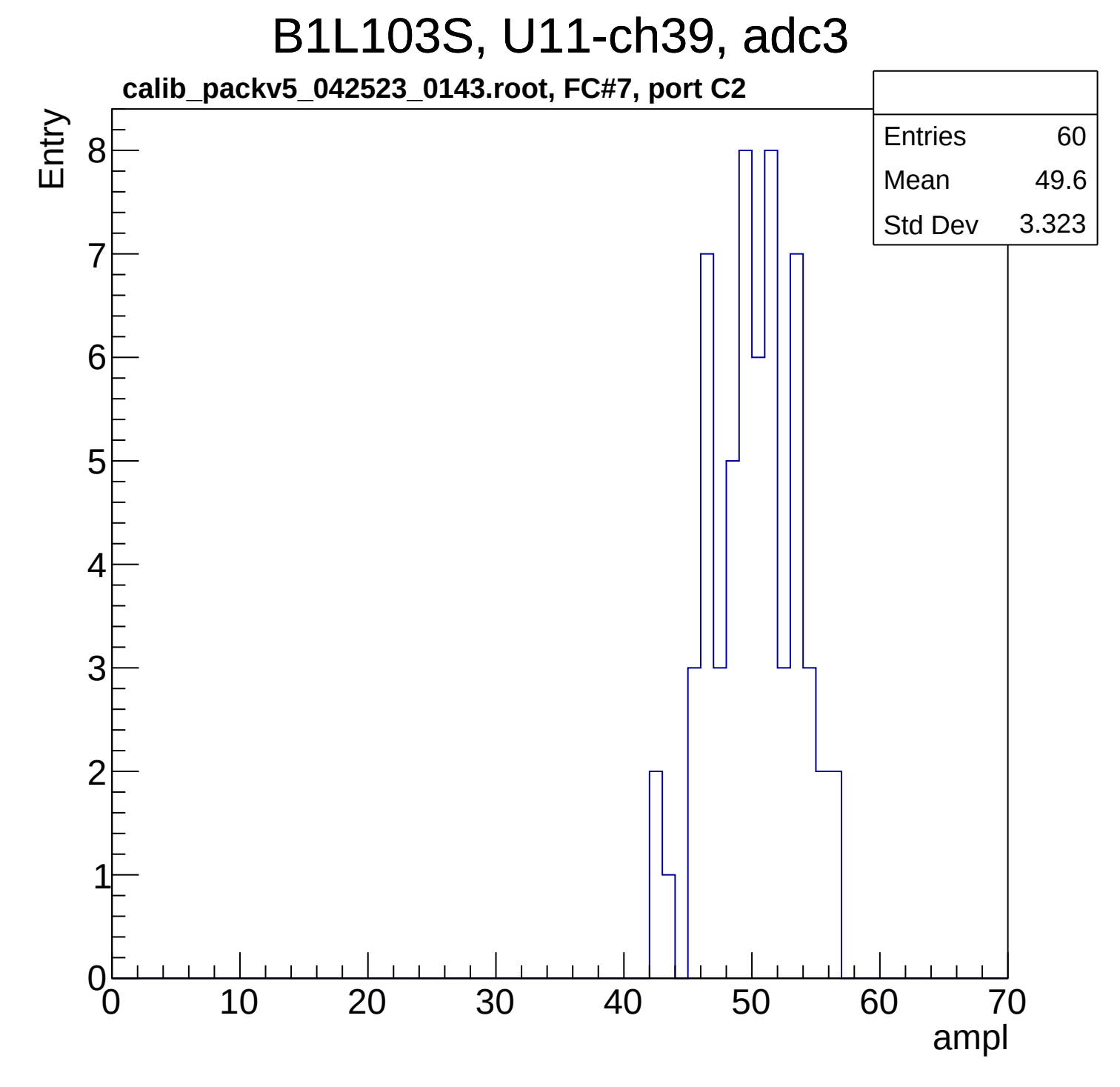
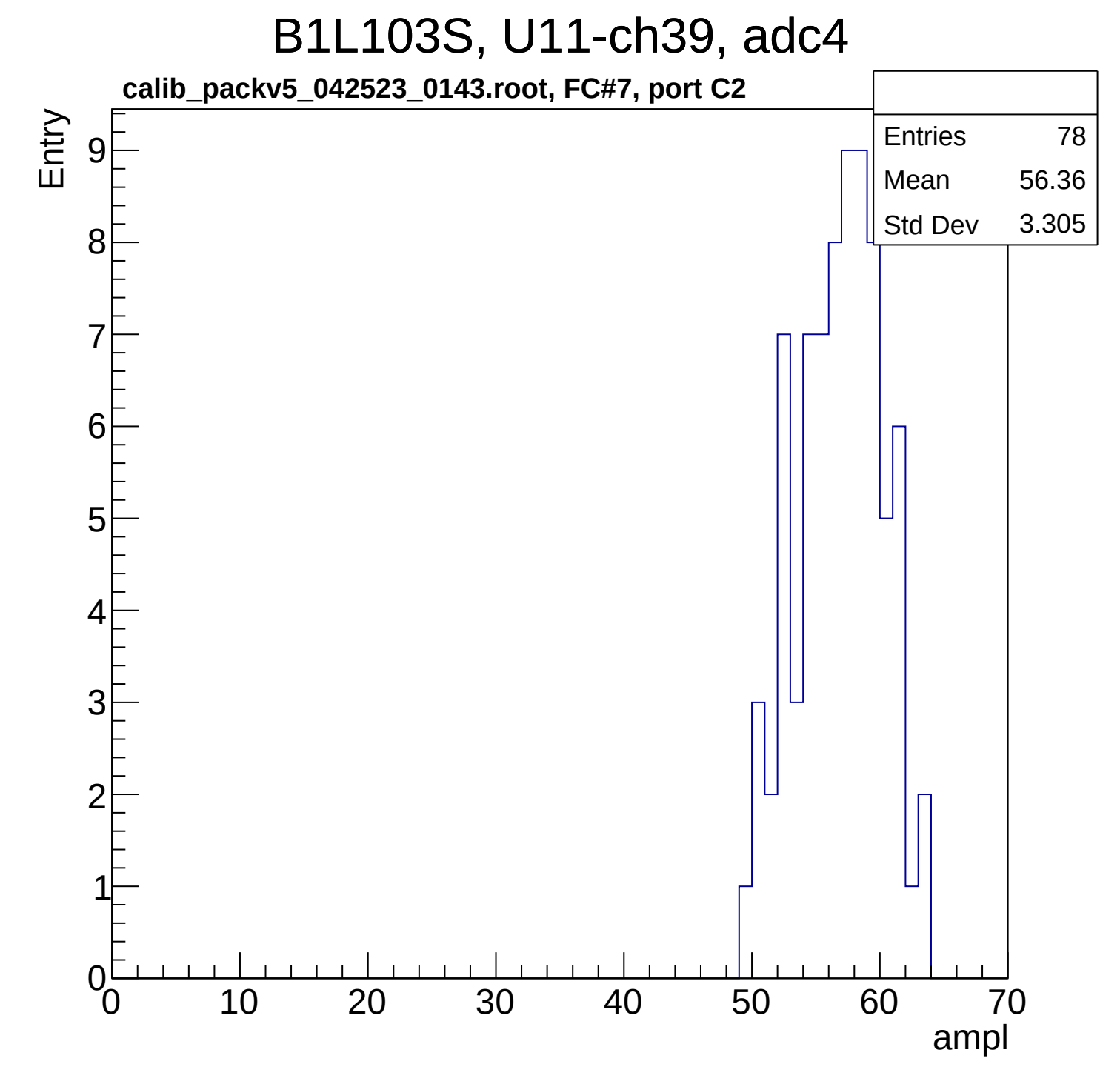

B1L103S, U11-ch38, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

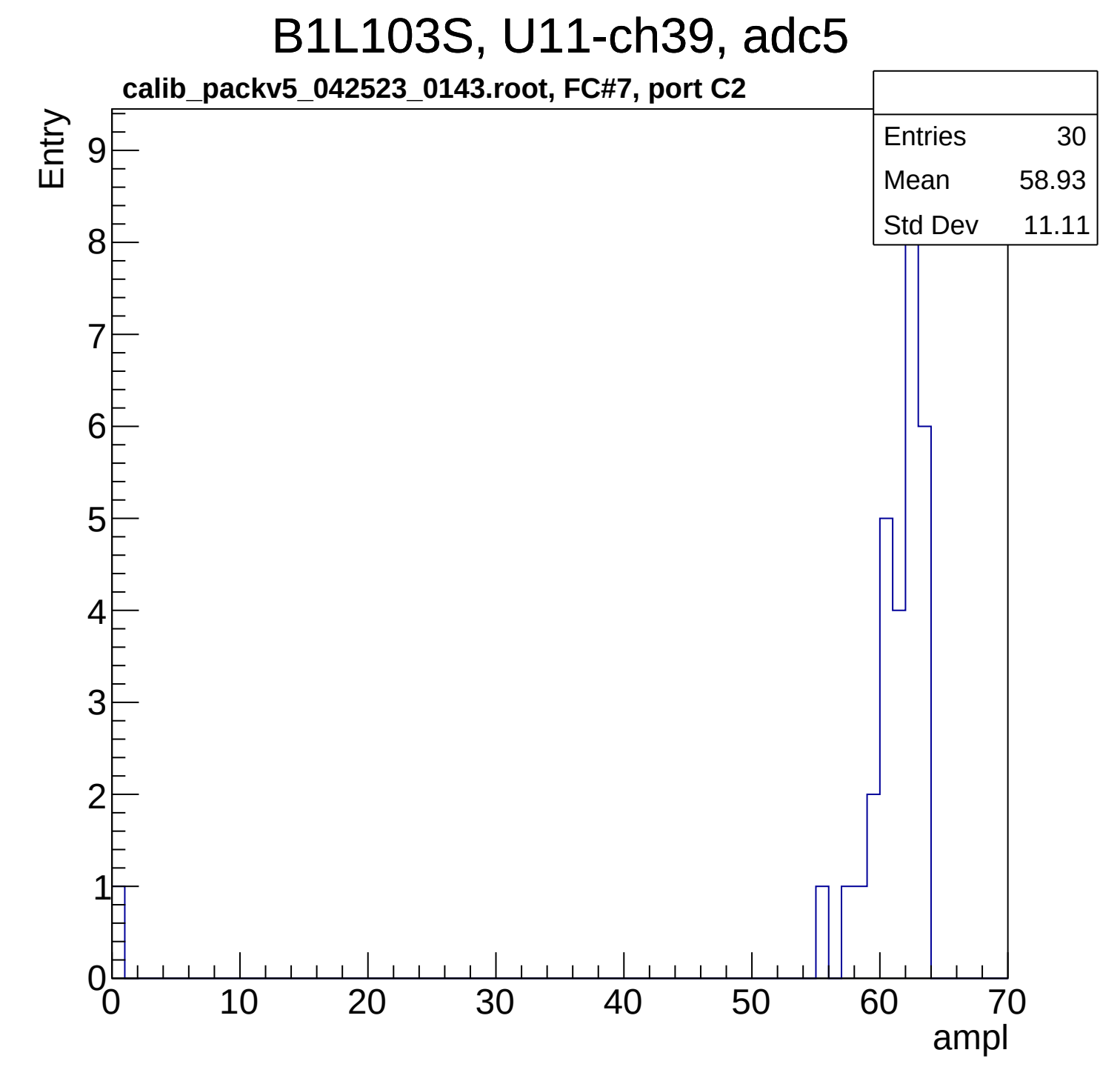

B1L103S, U11-ch39, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 30.53
Std Dev 4.786
Gaus mean : 31.3694
Gaus Width: 2.8602
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

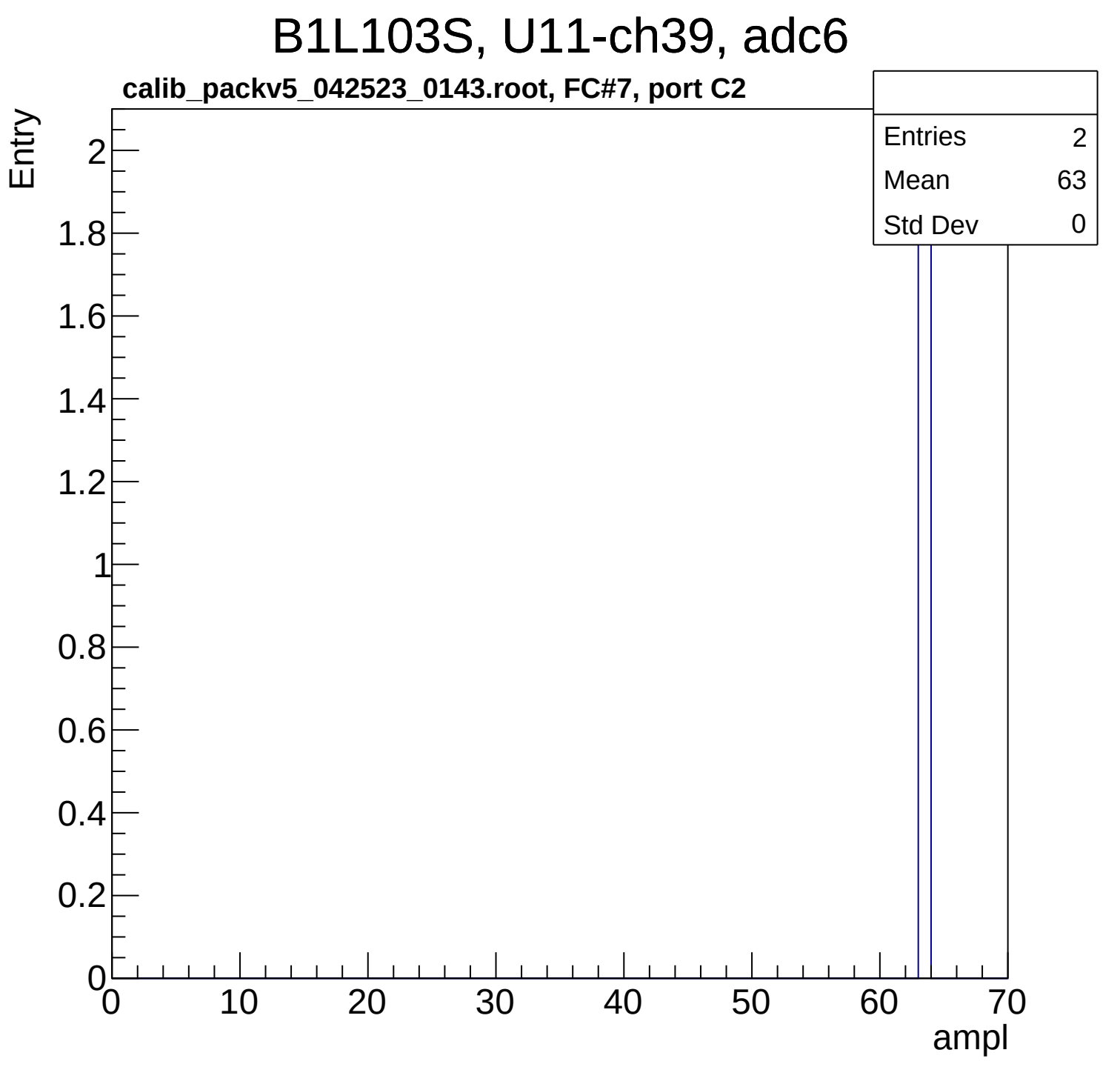

B1L103S, U11-ch39, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 37.59
Std Dev 3.19
Gaus mean : 38.1701
Gaus Width: 3.1064
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

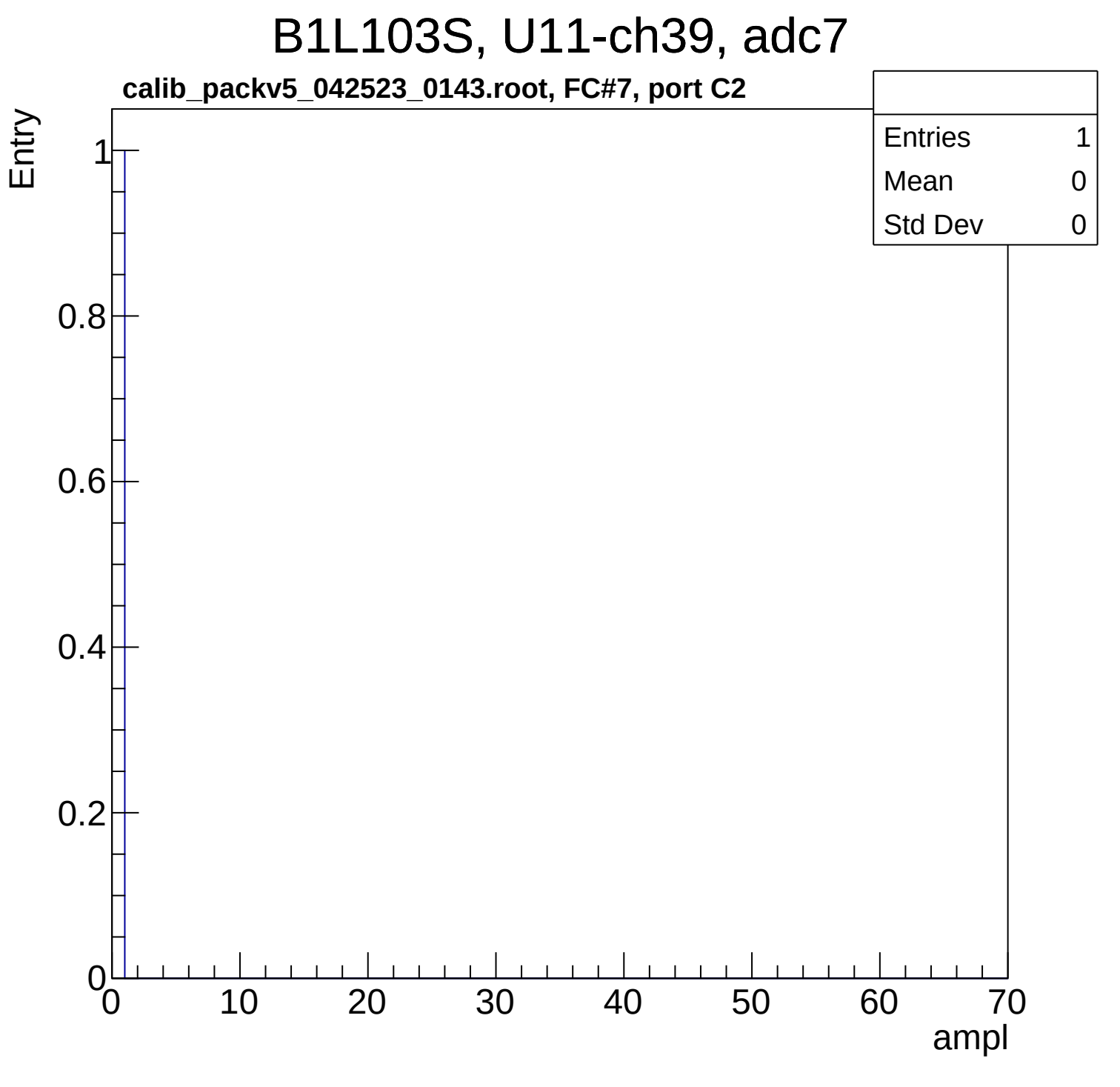

B1L103S, U11-ch39, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 43.39
Std Dev 3.347
Gaus mean : 43.6594
Gaus Width: 3.5804
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

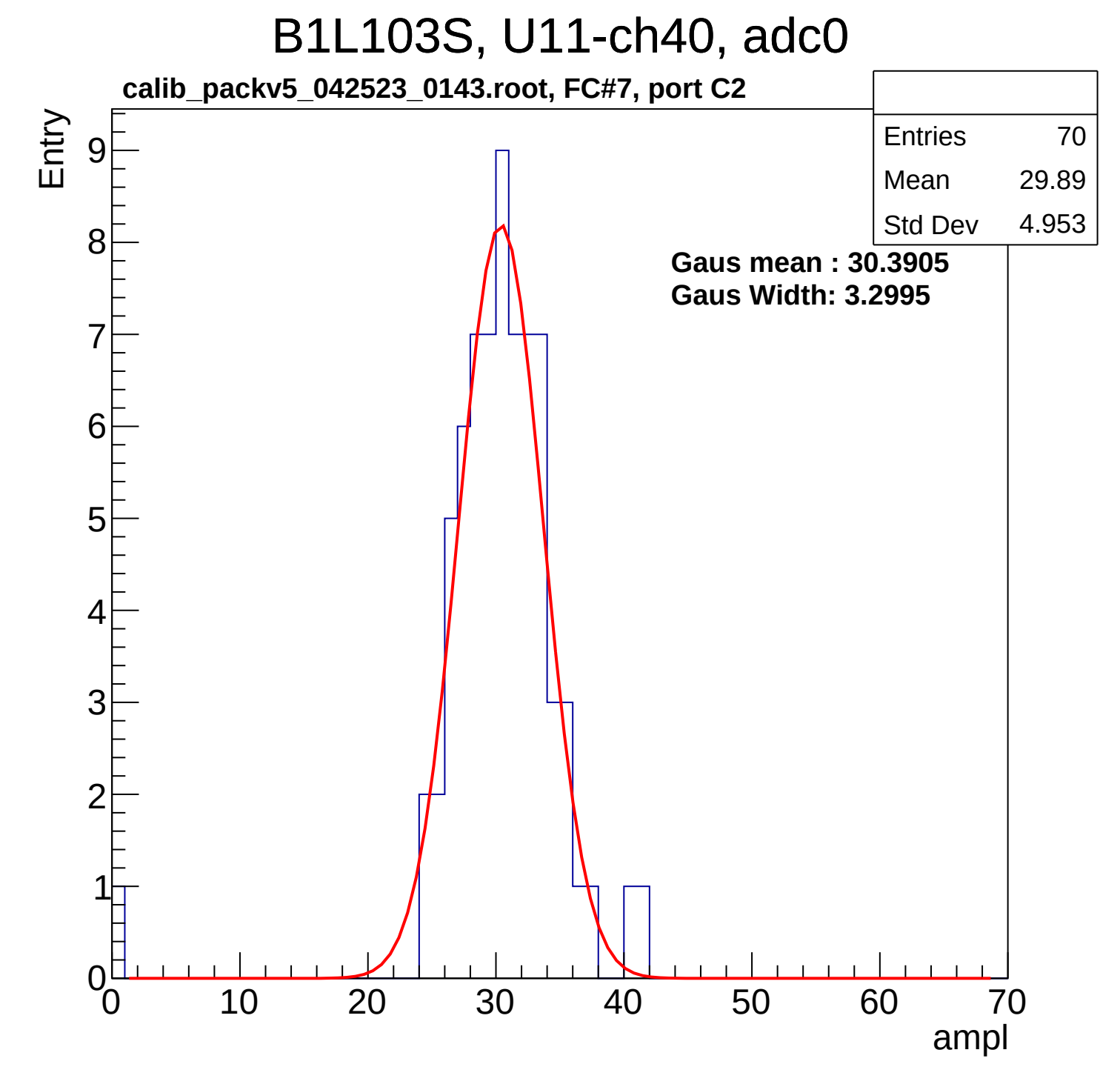

B1L103S, U11-ch39, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 49.6
Std Dev 3.323
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

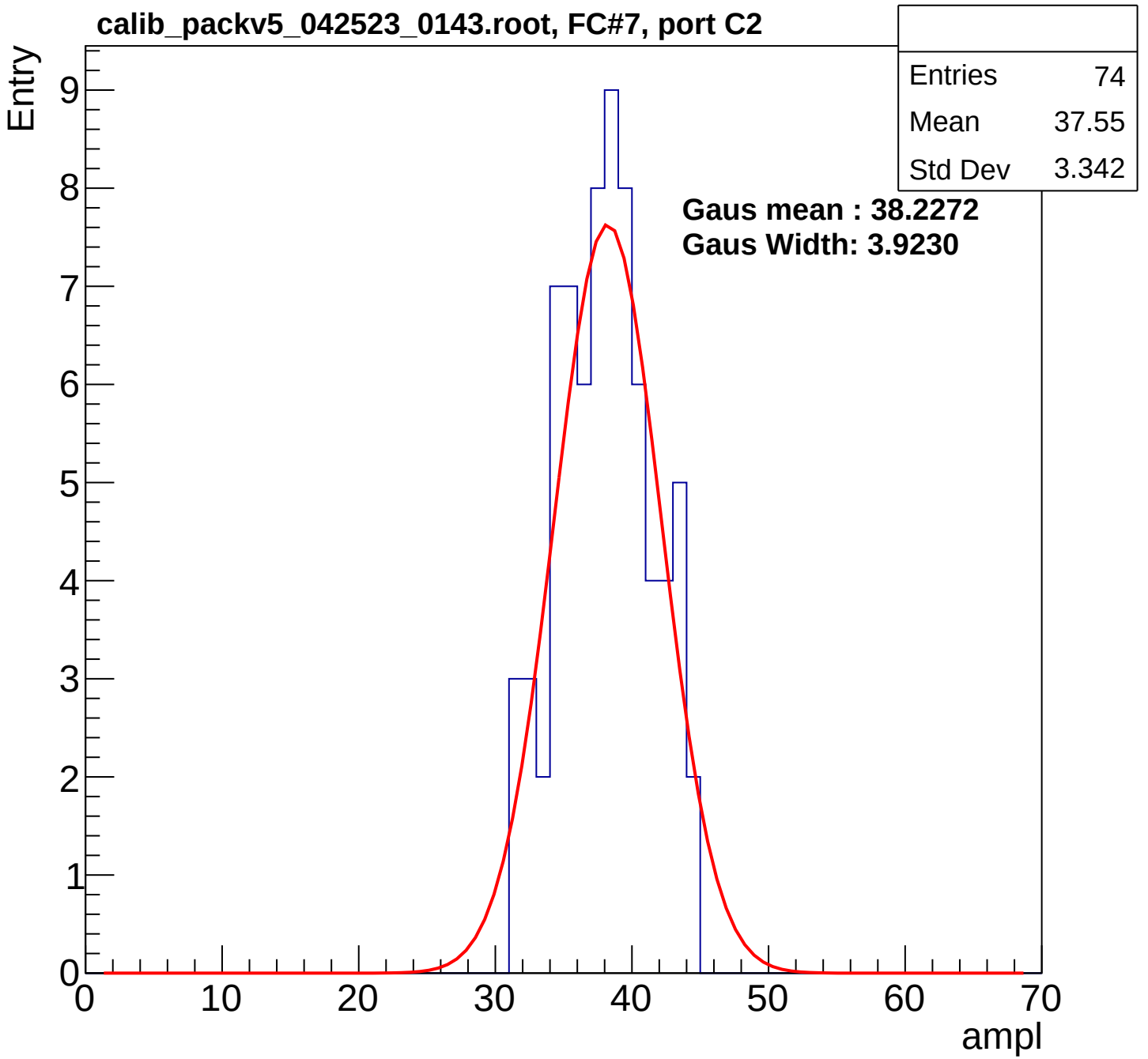

B1L103S, U11-ch39, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 78
Mean 56.36
Std Dev 3.305
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

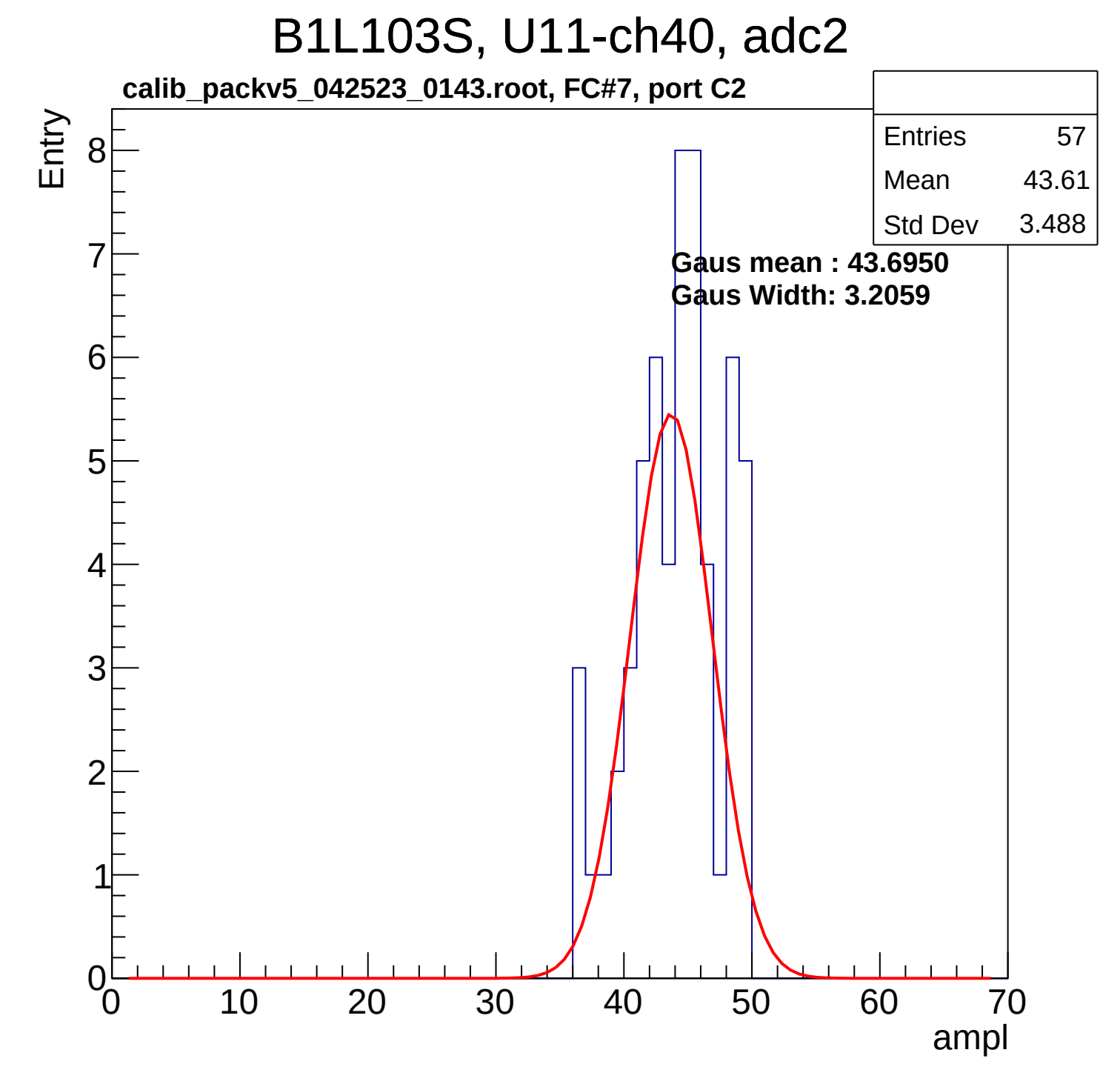

B1L103S, U11-ch39, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 30
Mean 58.93
Std Dev 11.11
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch39, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L103S, U11-ch39, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch40, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 29.89
Std Dev 4.953
Gaus mean : 30.3905
Gaus Width: 3.2995
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch40, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 37.55
Std Dev 3.342
Gaus mean : 38.2272
Gaus Width: 3.9230
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch40, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 43.61
Std Dev 3.488
Gaus mean : 43.6950
Gaus Width: 3.2059
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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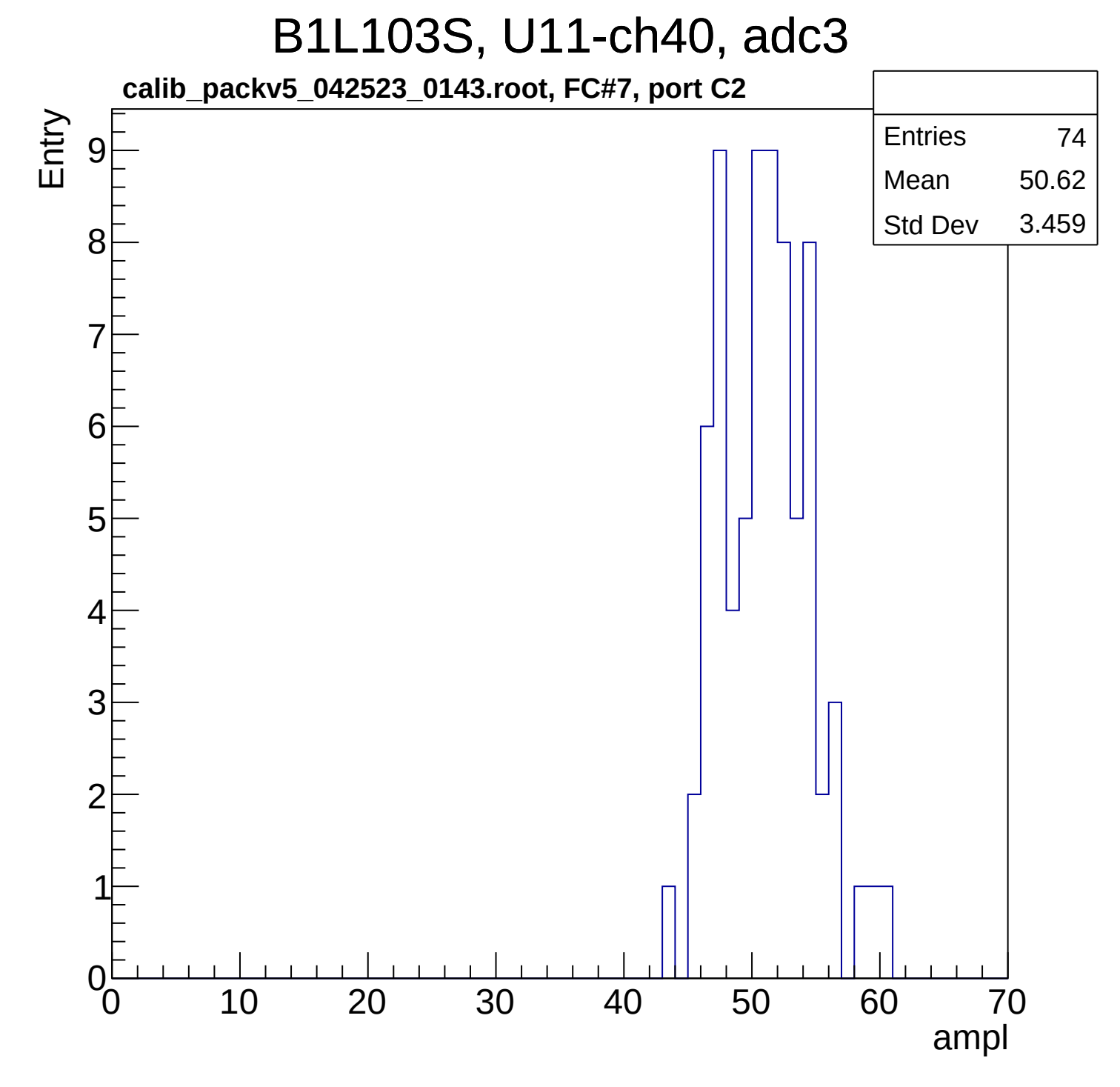
B1L103S, U11-ch40, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 50.62
Std Dev 3.459
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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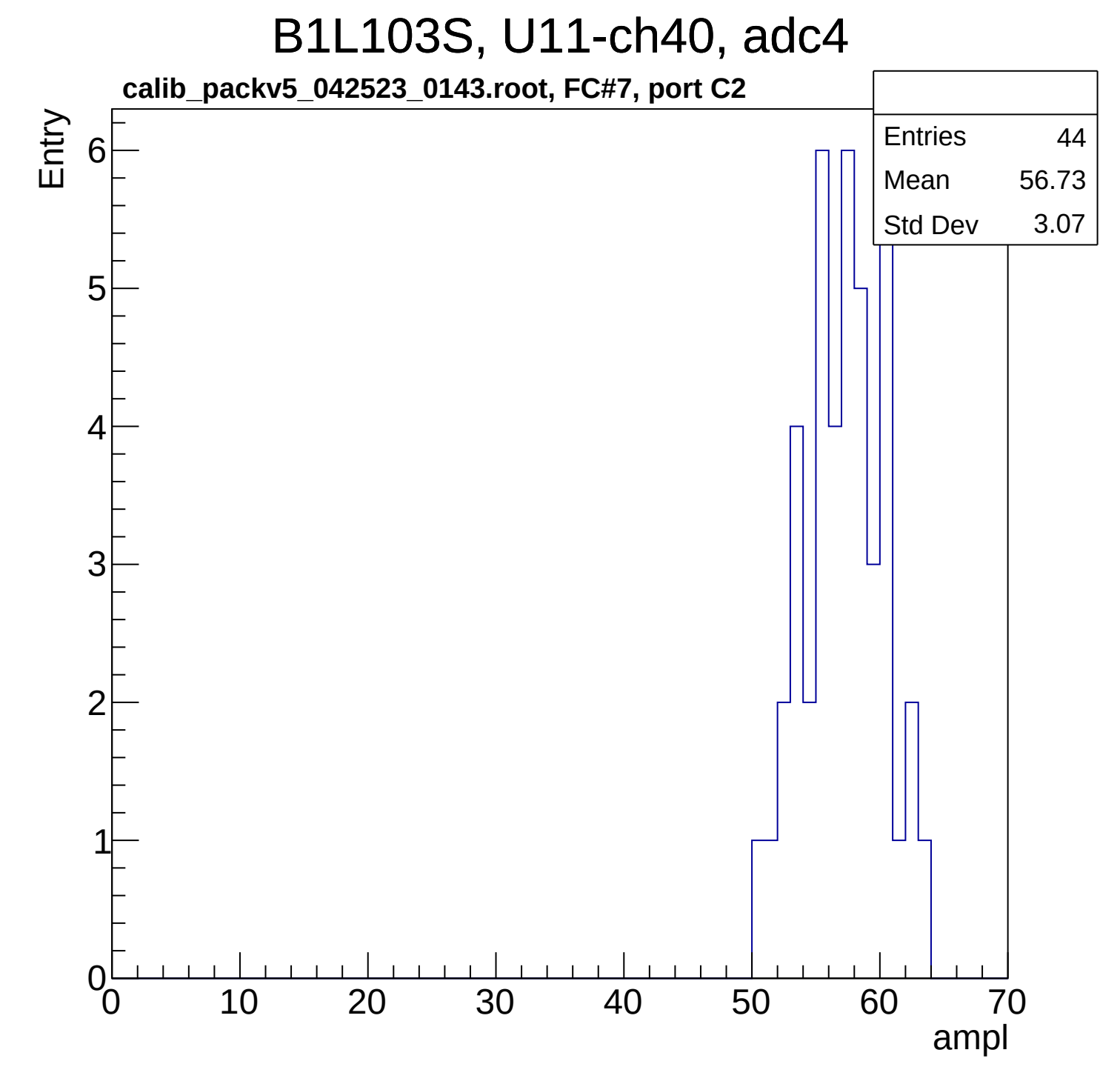
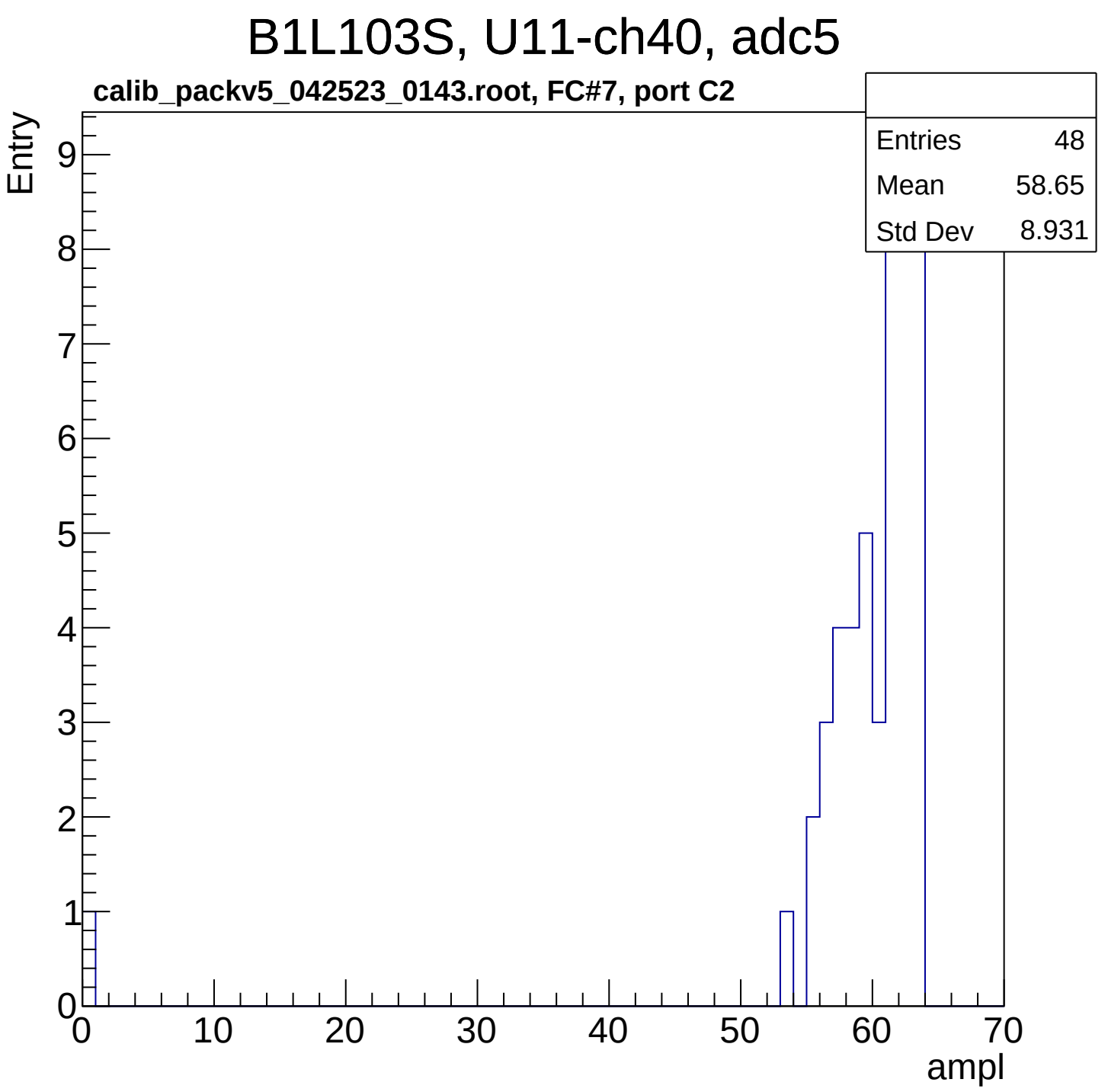
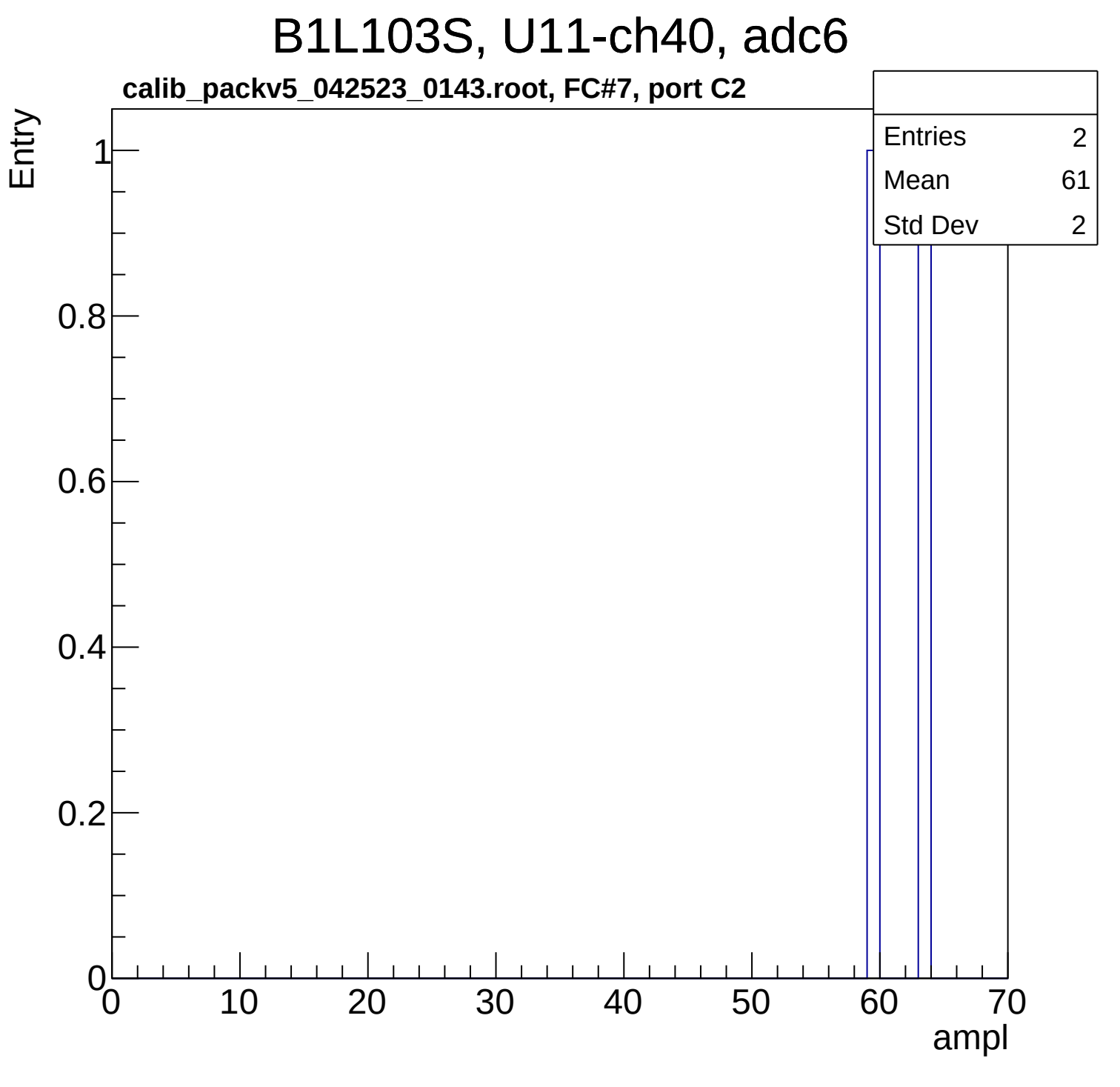
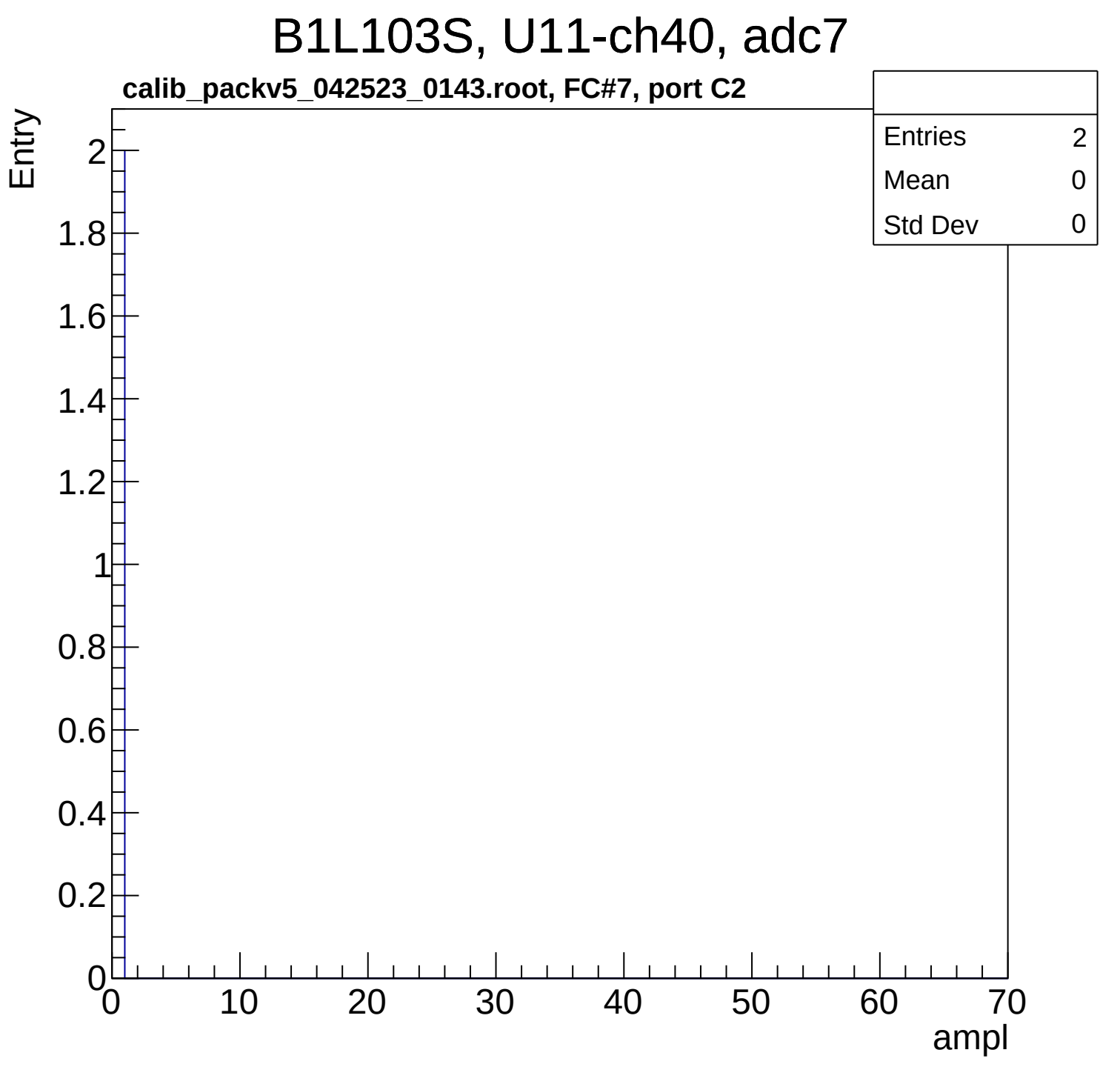
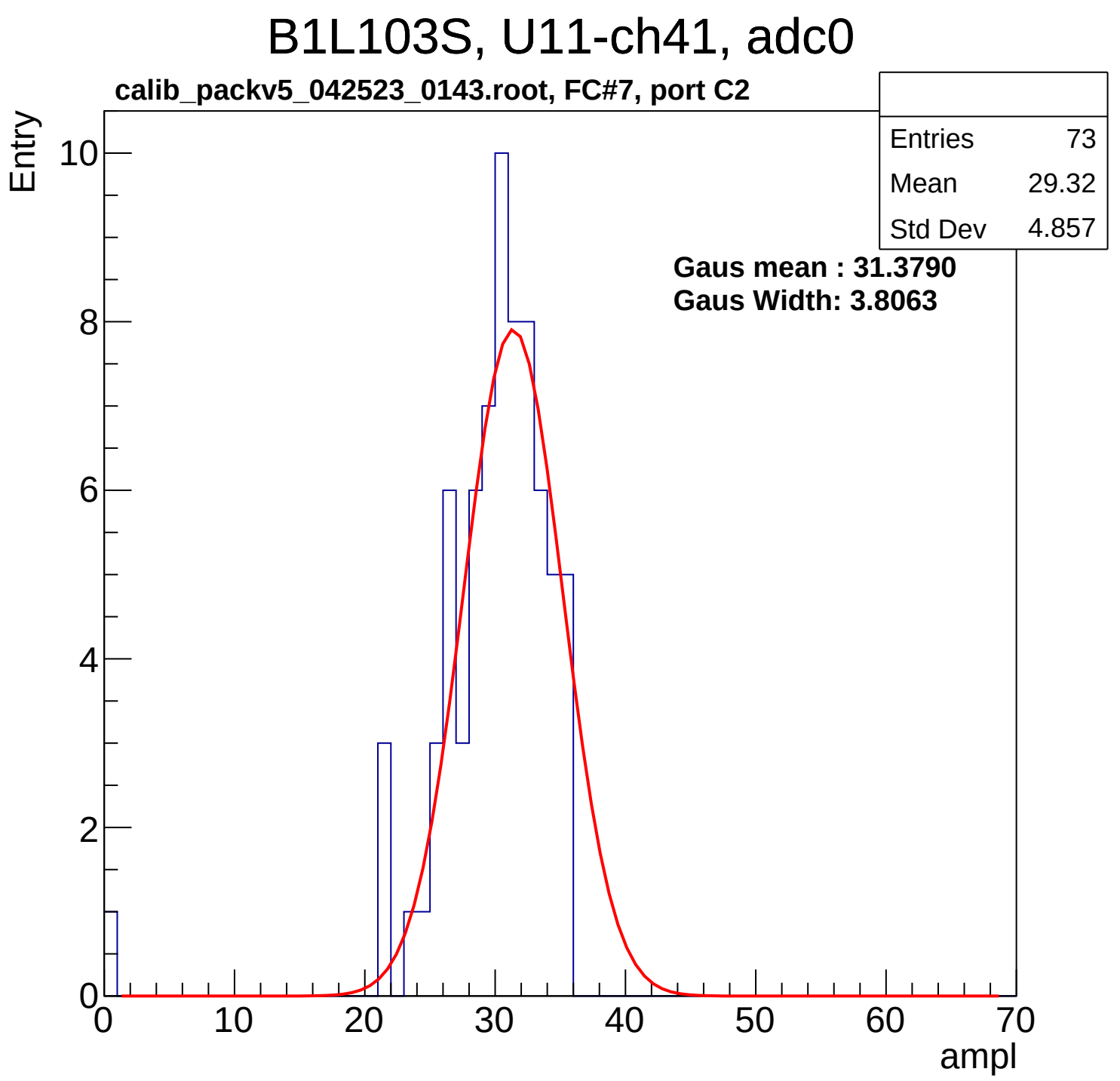
40
50
60
70

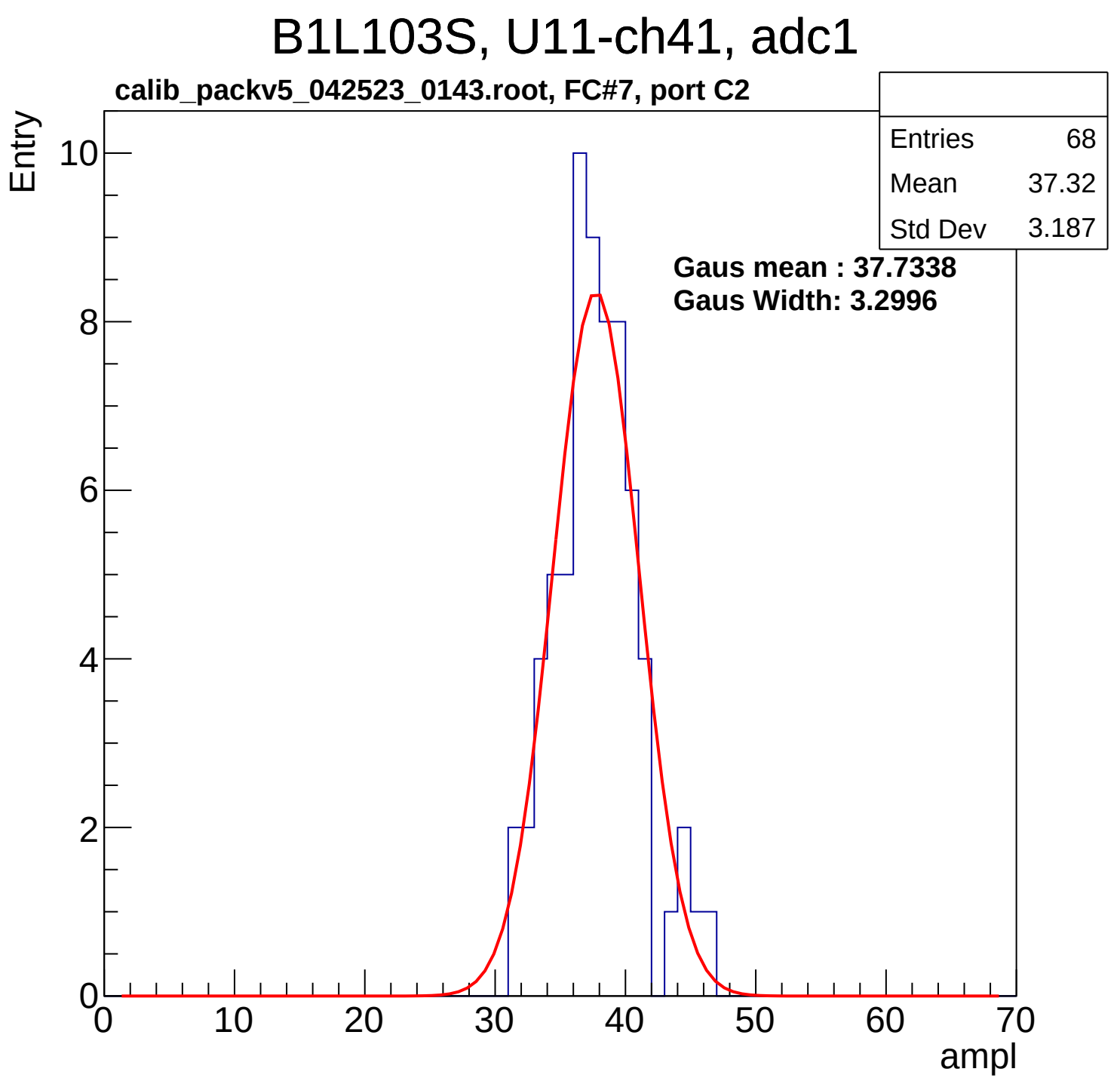

B1L103S, U11-ch40, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 44
Mean 56.73
Std Dev 3.07
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

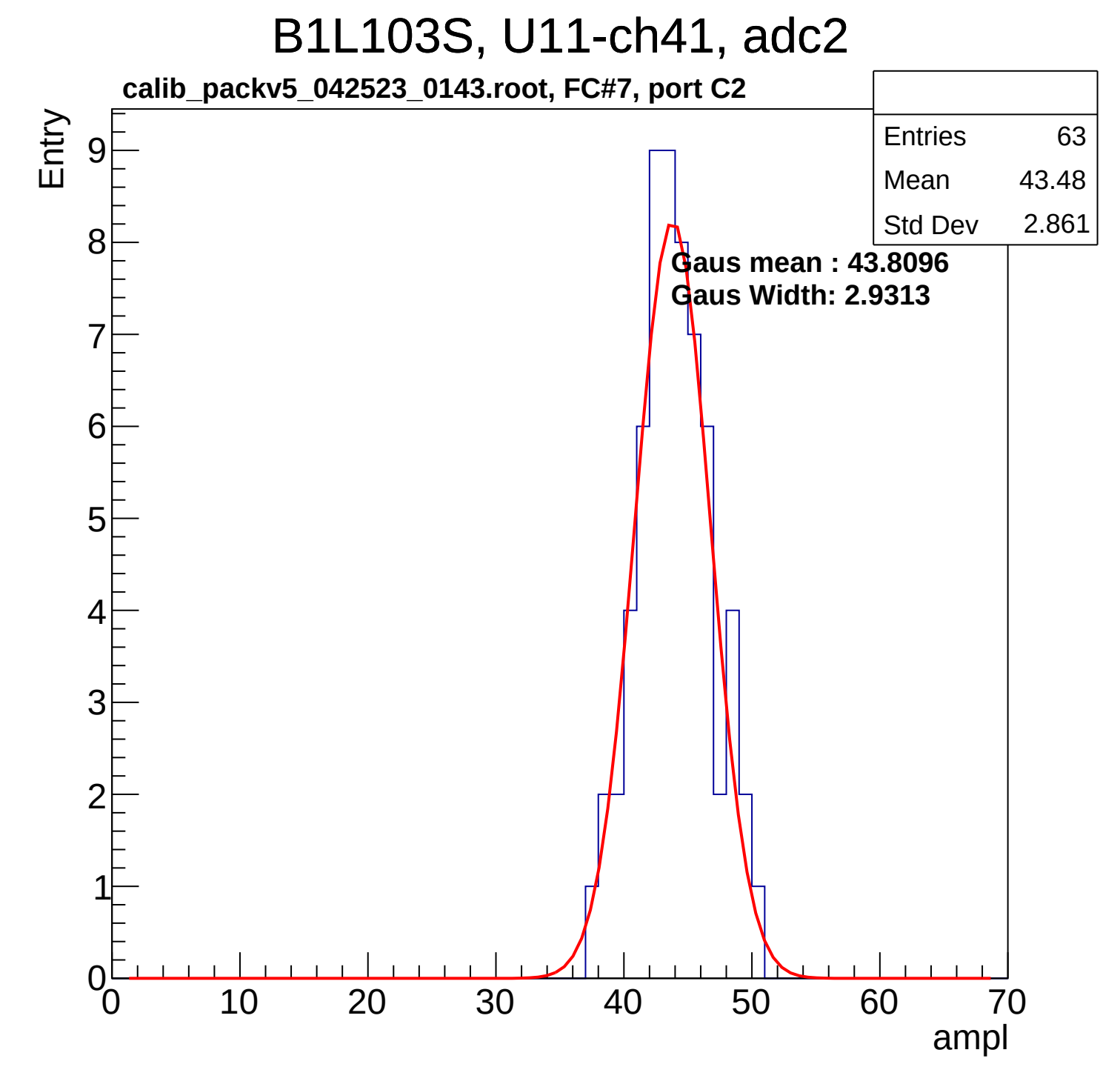

B1L103S, U11-ch40, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 48
Mean 58.65
Std Dev 8.931
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

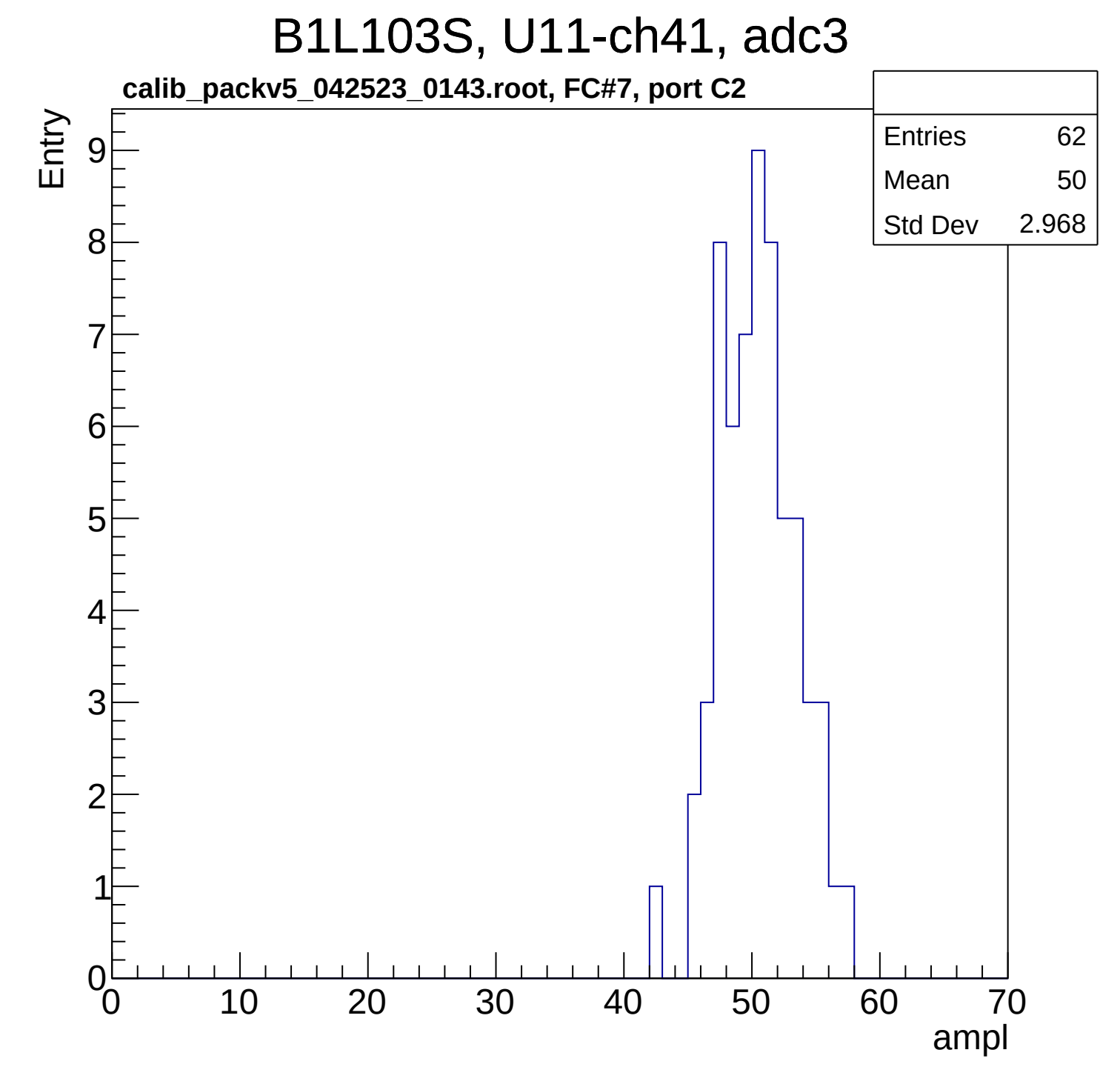

B1L103S, U11-ch40, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 61
Std Dev 2
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch40, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch41, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 29.32
Std Dev 4.857
Gaus mean : 31.3790
Gaus Width: 3.8063
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch41, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 37.32
Std Dev 3.187
Gaus mean : 37.7338
Gaus Width: 3.2996
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch41, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 43.48
Std Dev 2.861
Gaus mean : 43.8096
Gaus Width: 2.9313
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch41, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 50
Std Dev 2.968
Entry
ampl
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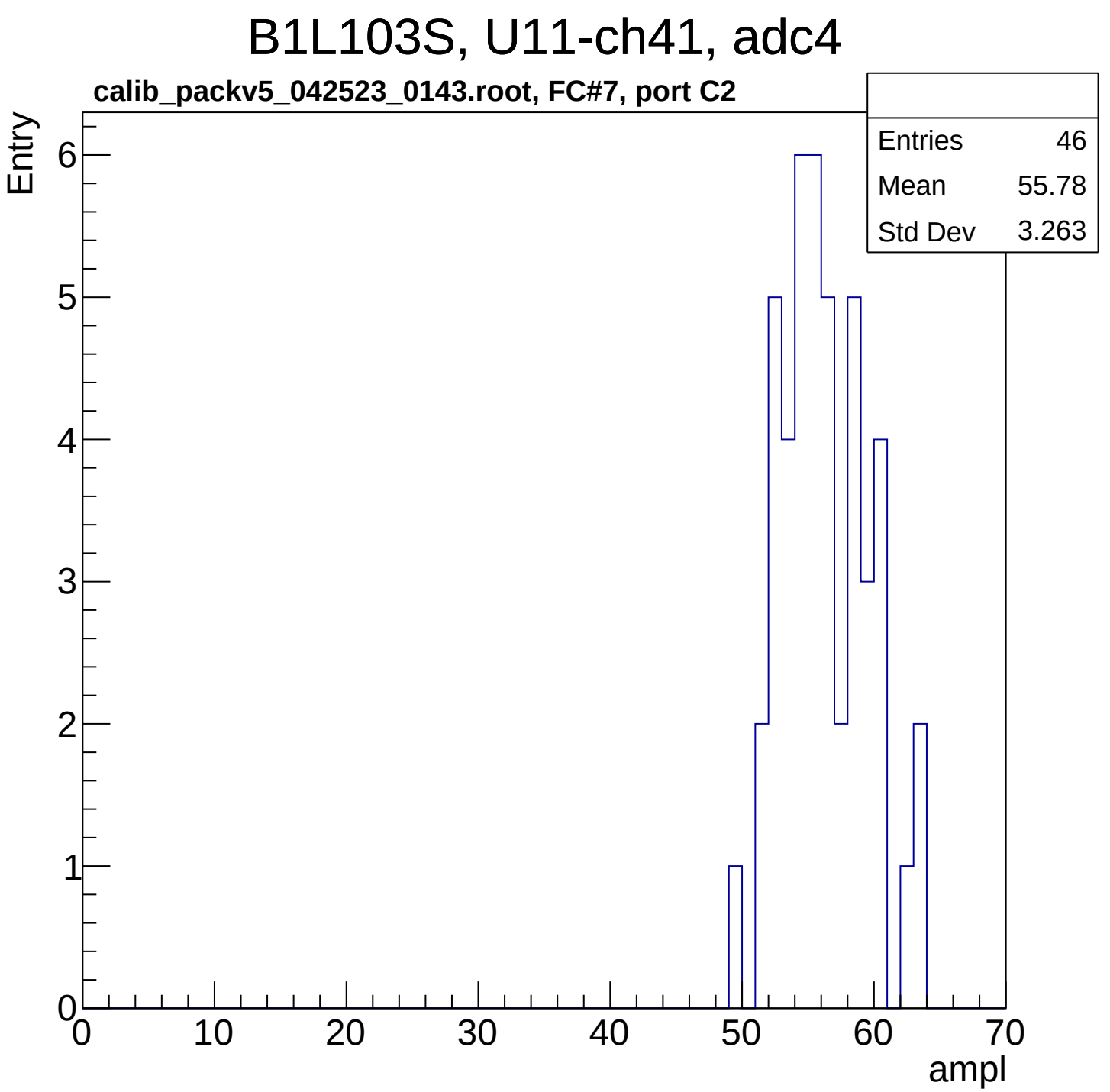
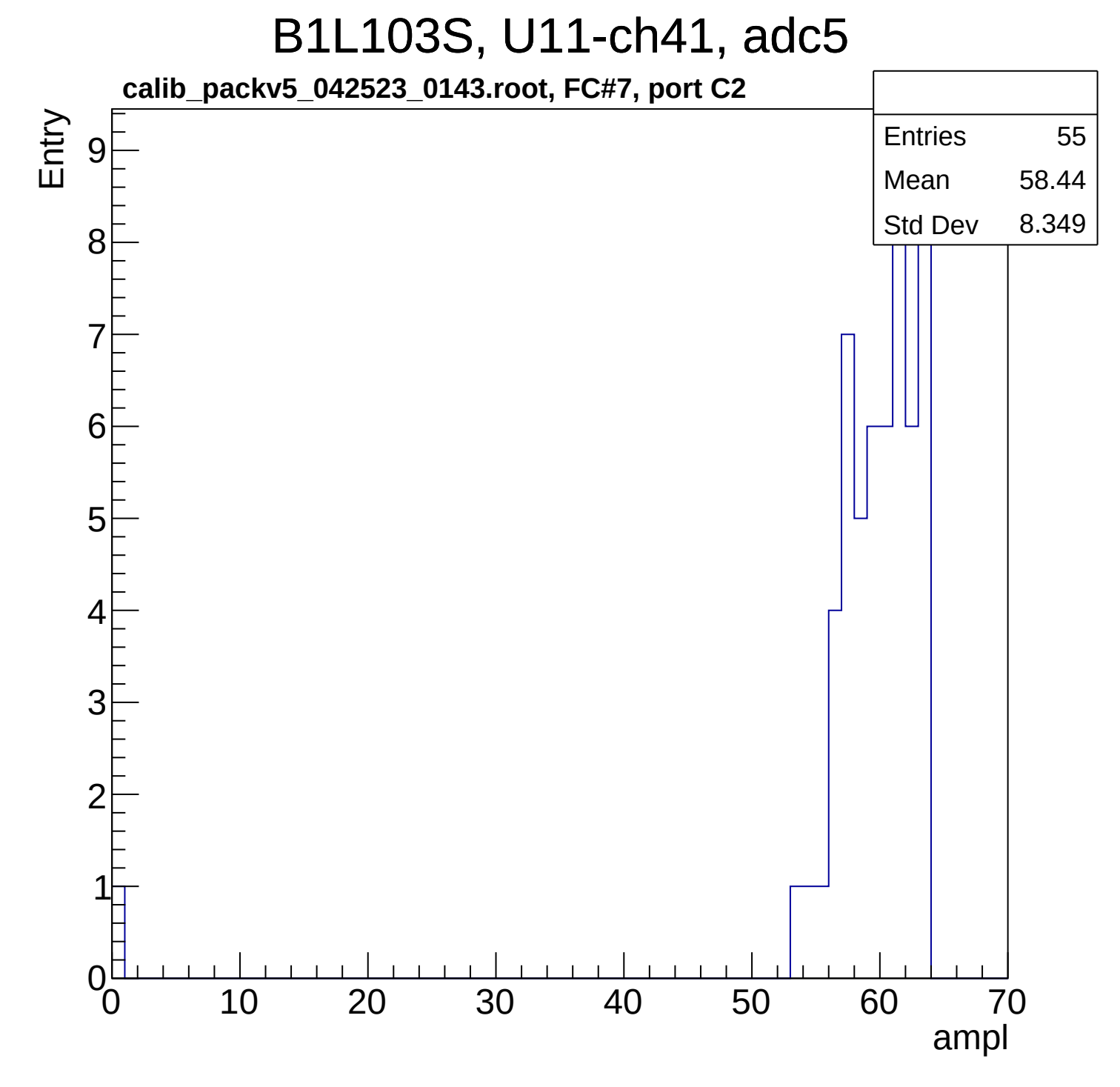
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch41, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 46
Mean 55.78
Std Dev 3.263
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch41, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 58.44
Std Dev 8.349
Entry
ampl
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2
3
4
5
6
7
8
9
0
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30
40
50
60
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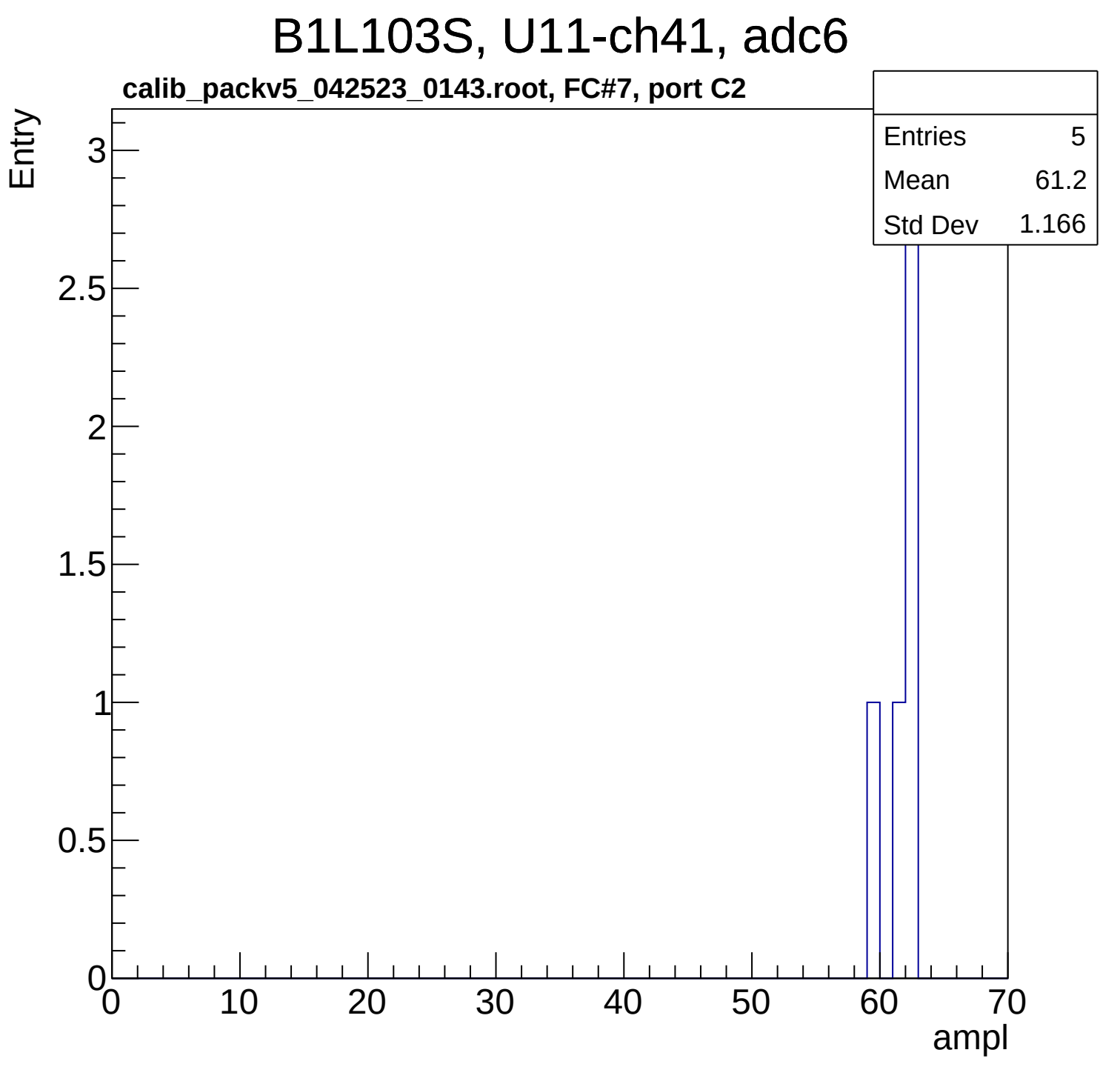
B1L103S, U11-ch41, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 61.2
Std Dev 1.166
Entry
ampl
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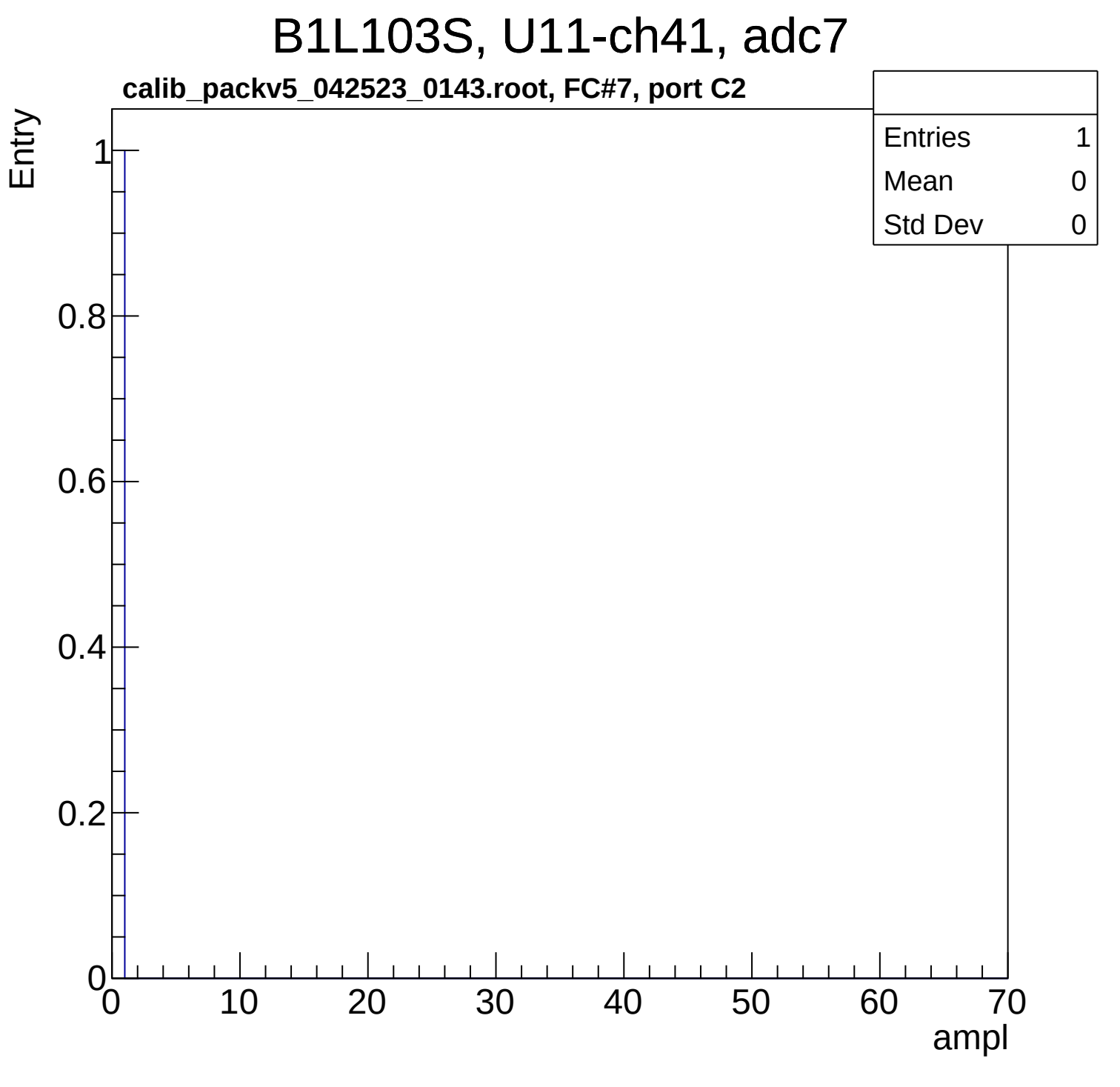
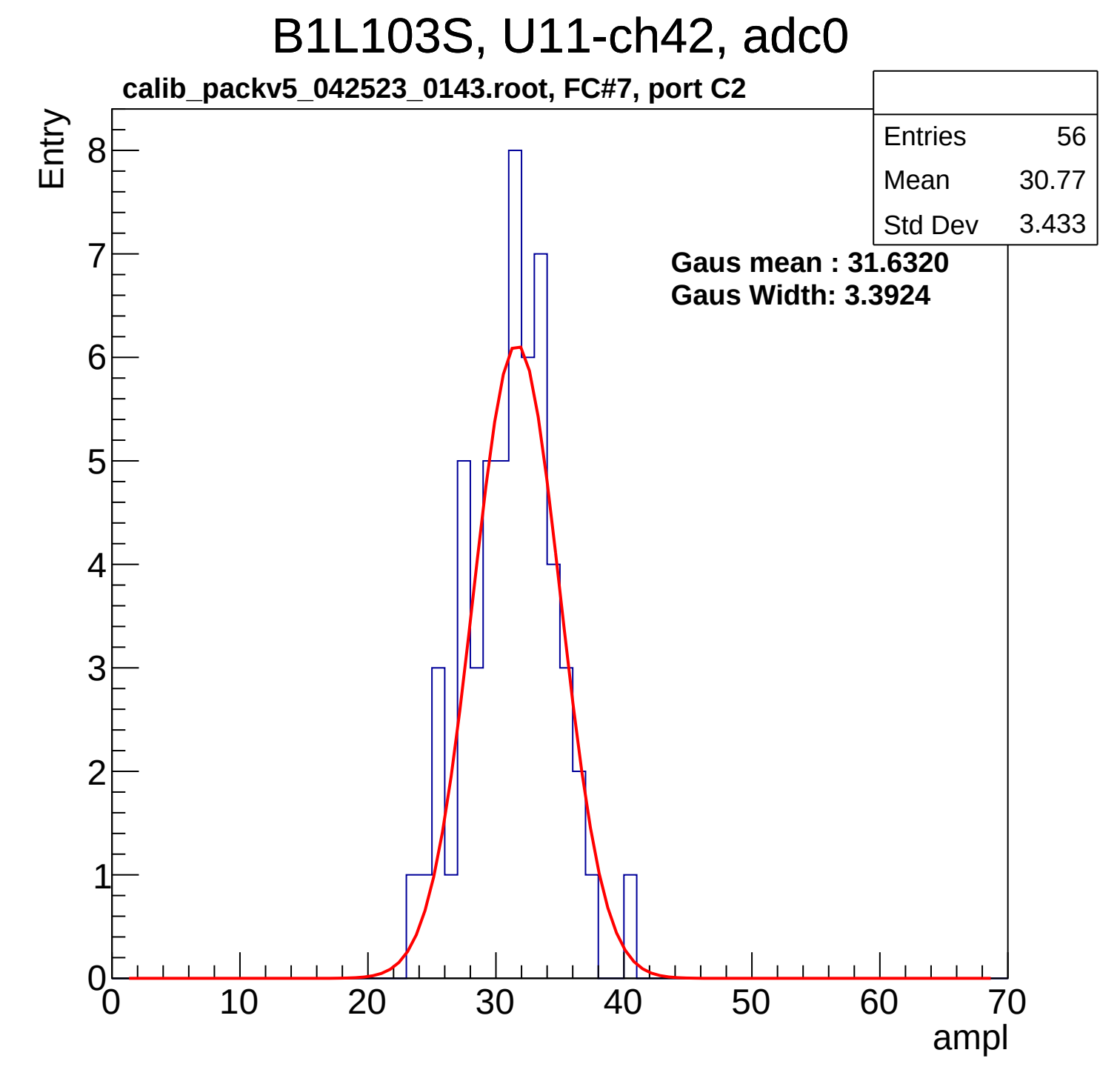
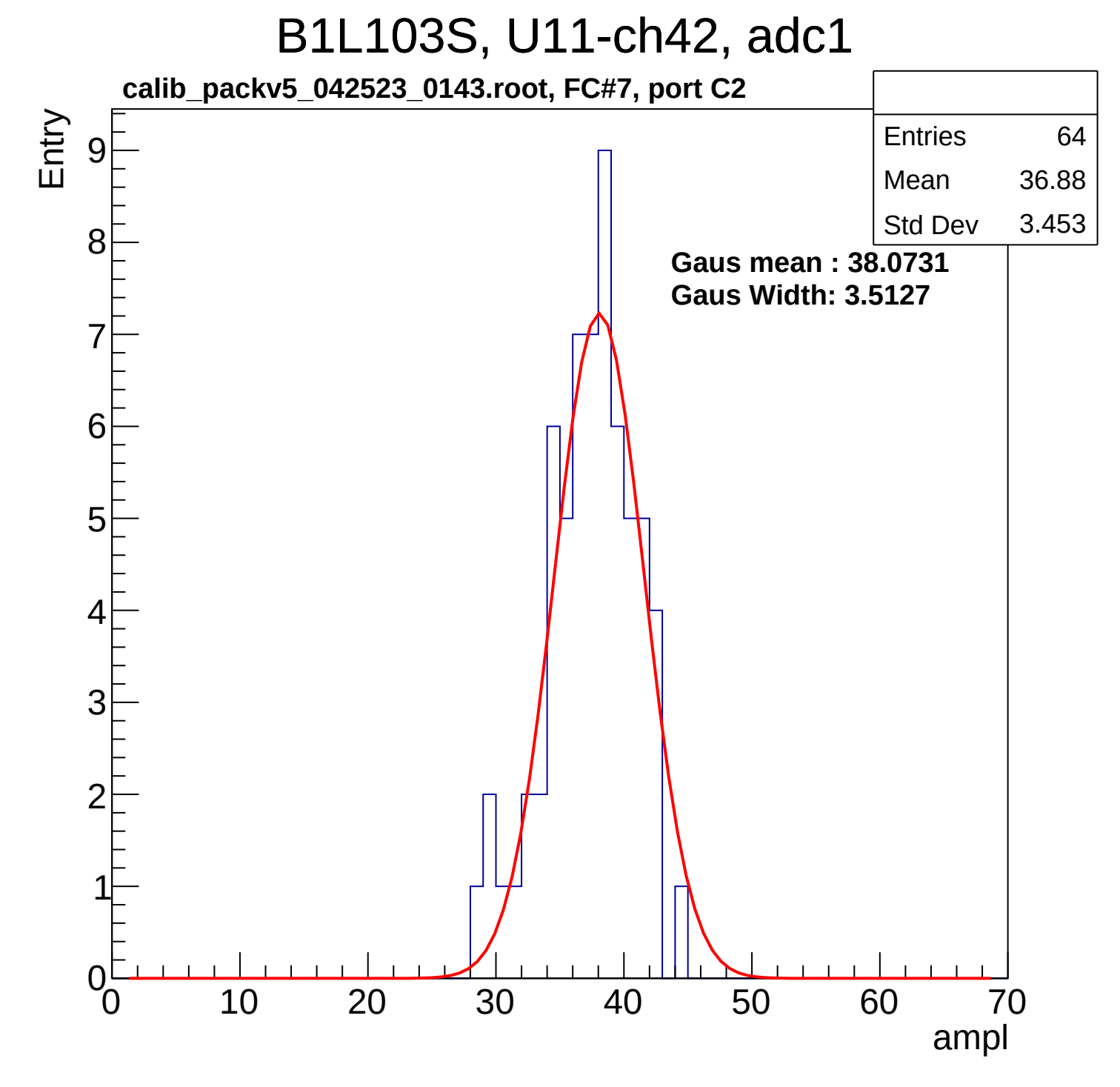
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U11-ch41, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch42, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 30.77
Std Dev 3.433
Gaus mean : 31.6320
Gaus Width: 3.3924
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch42, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 36.88
Std Dev 3.453
Gaus mean : 38.0731
Gaus Width: 3.5127
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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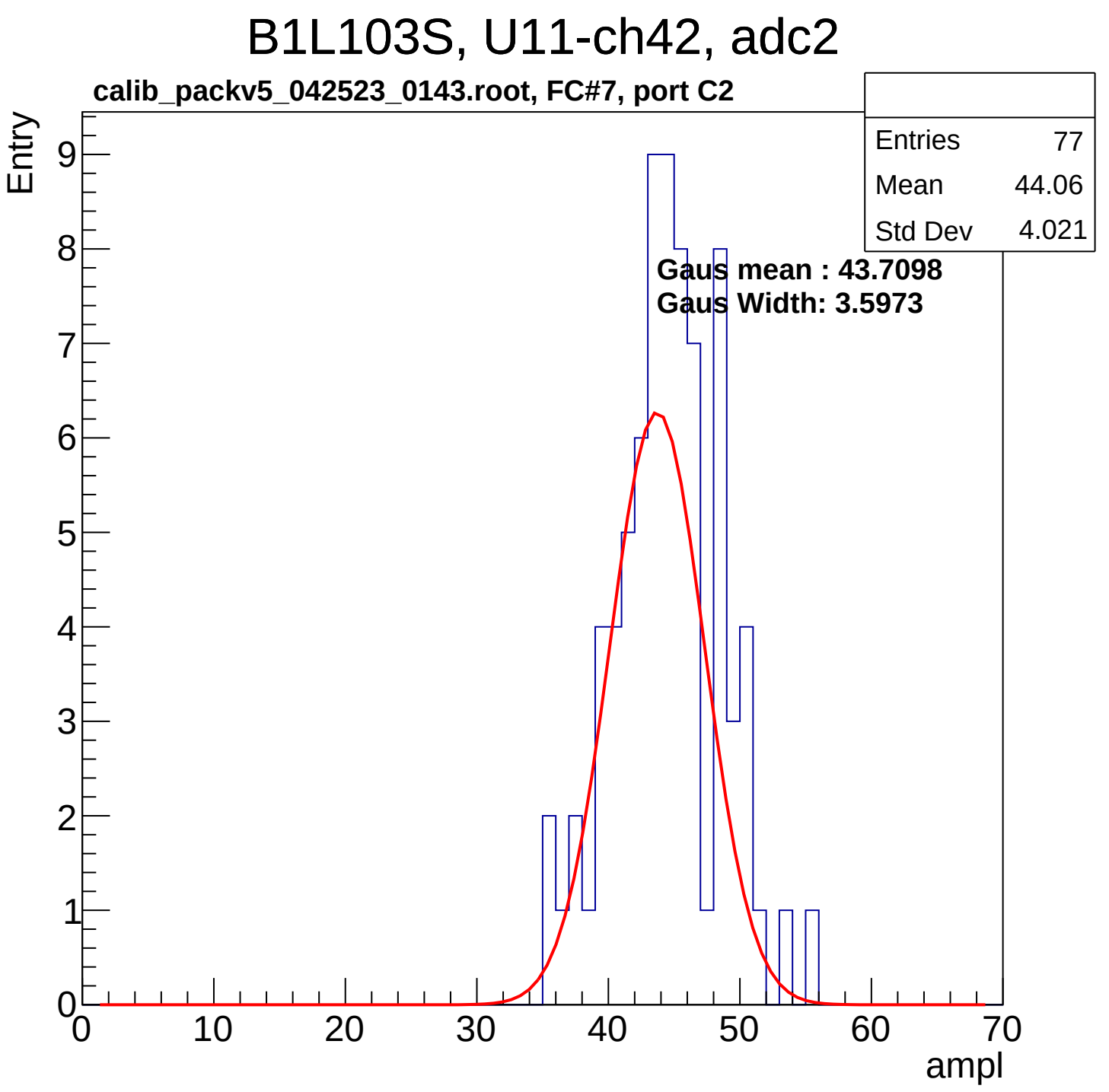
B1L103S, U11-ch42, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 77
Mean 44.06
Std Dev 4.021
Gaus mean : 43.7098
Gaus Width: 3.5973
Entry
ampl
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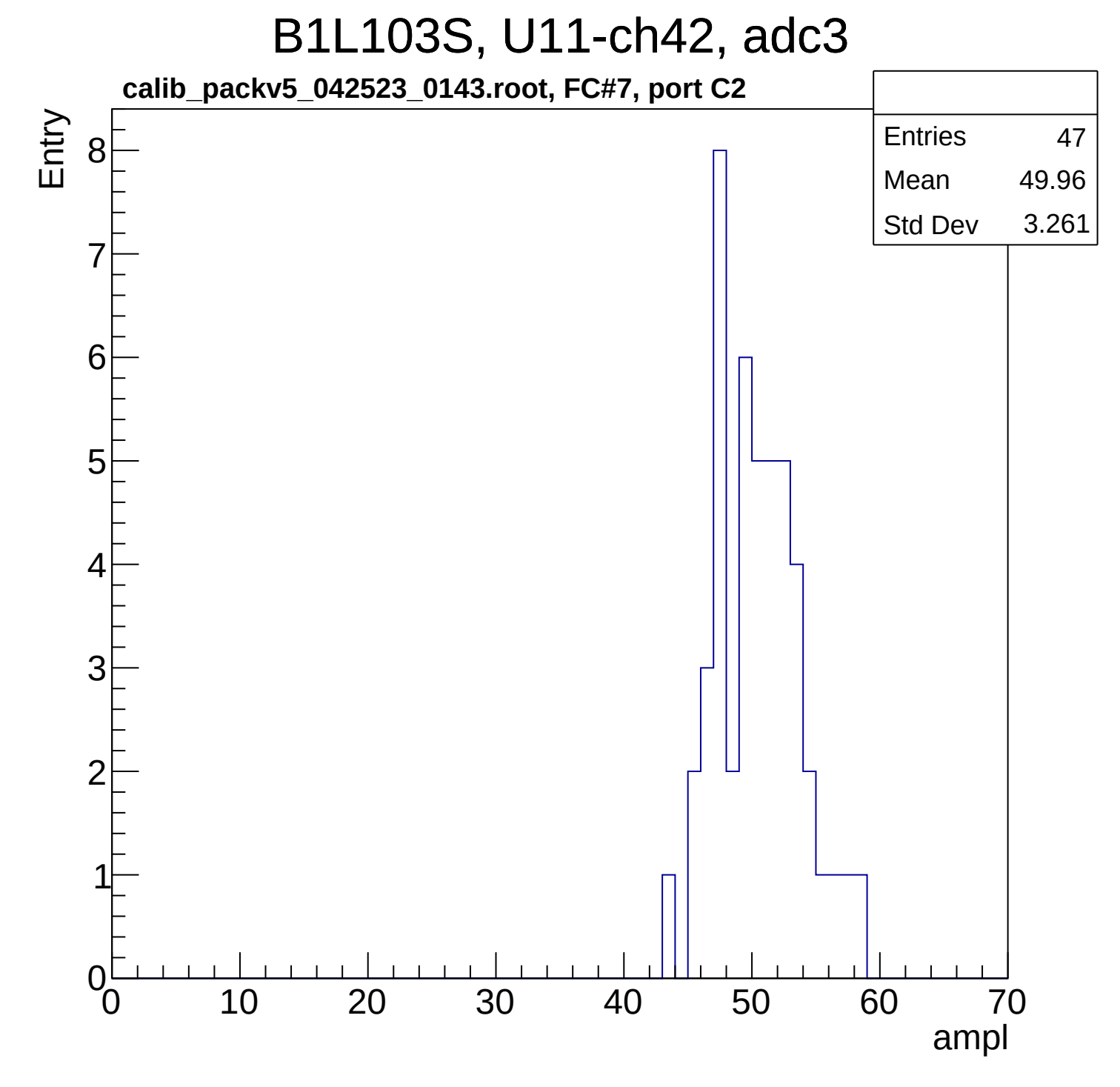
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch42, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 47
Mean 49.96
Std Dev 3.261
Entry
ampl
0
1
2
3
4
5
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7
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0
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60
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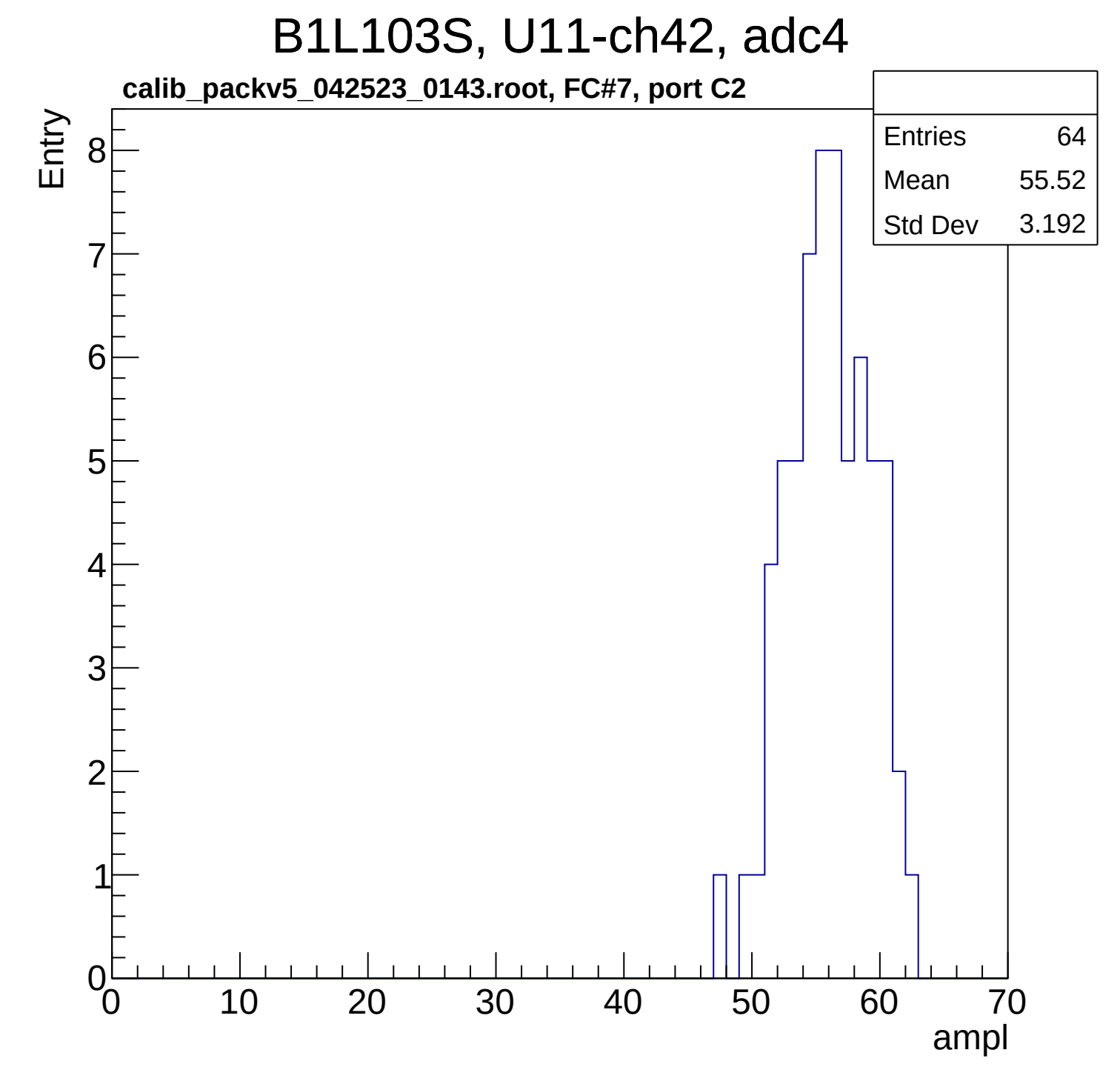
B1L103S, U11-ch42, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 55.52
Std Dev 3.192
Entry
ampl
0
1
2
3
4
5
6
7
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0
10
20
30
40
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60
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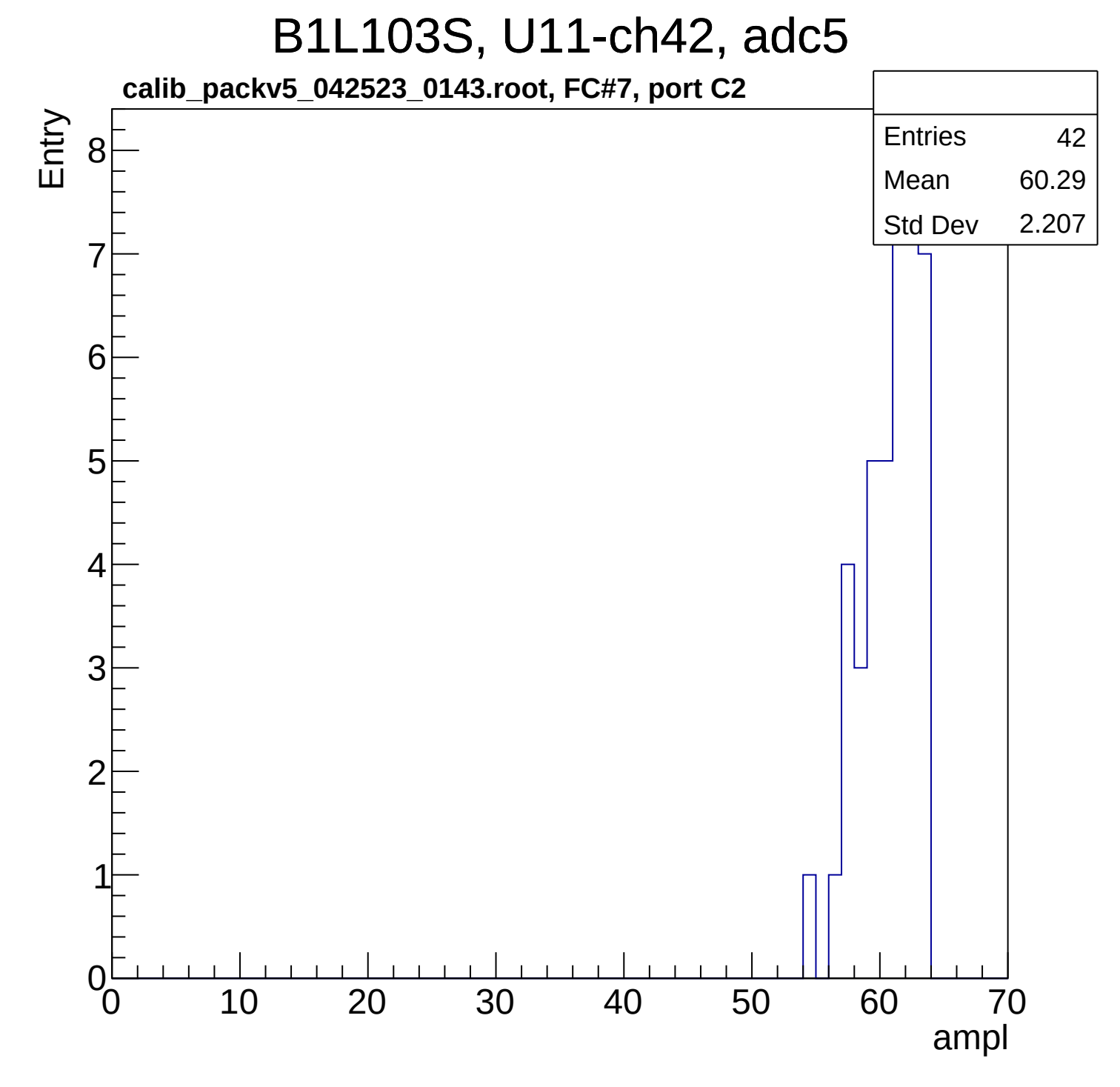
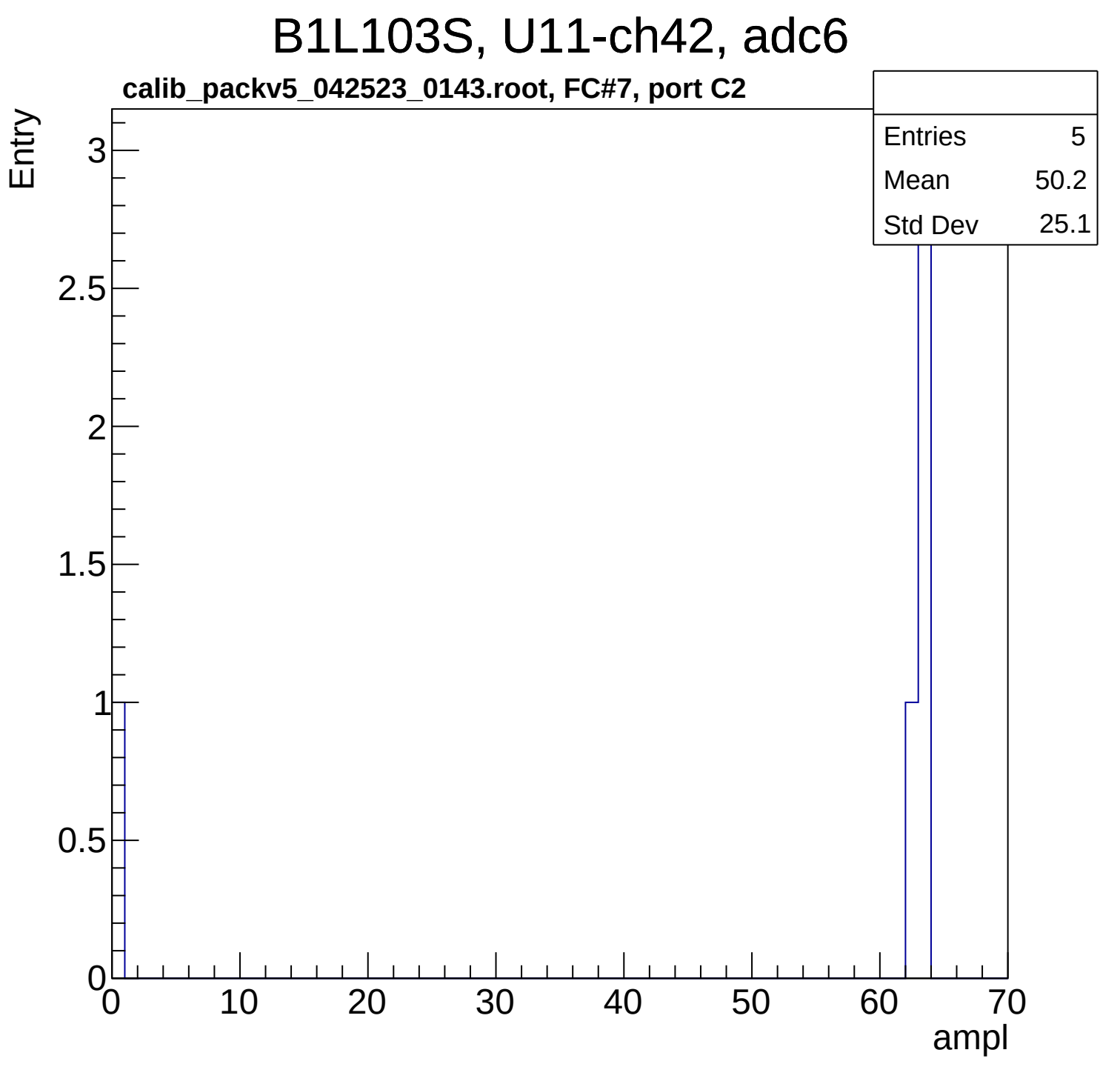
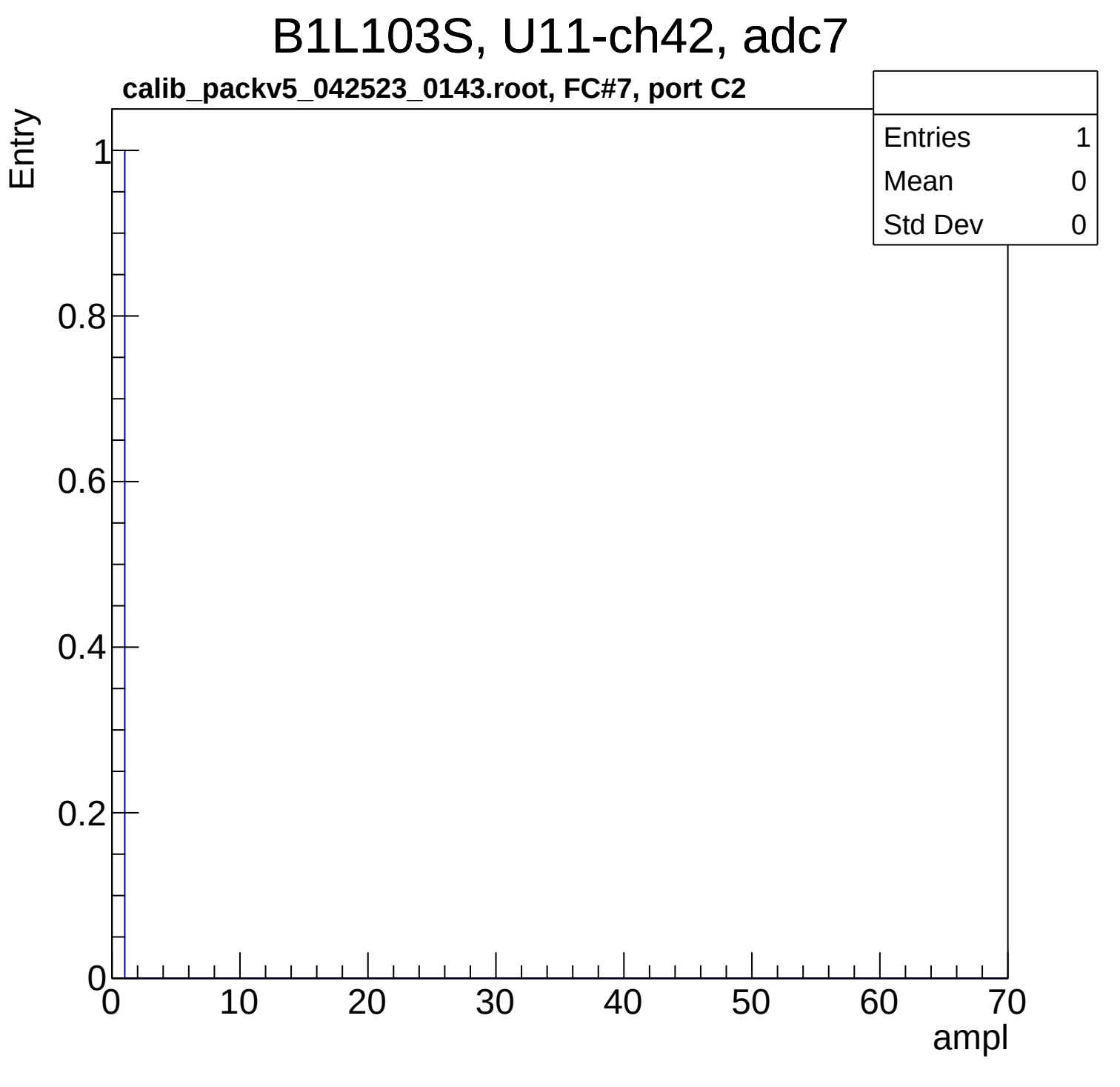
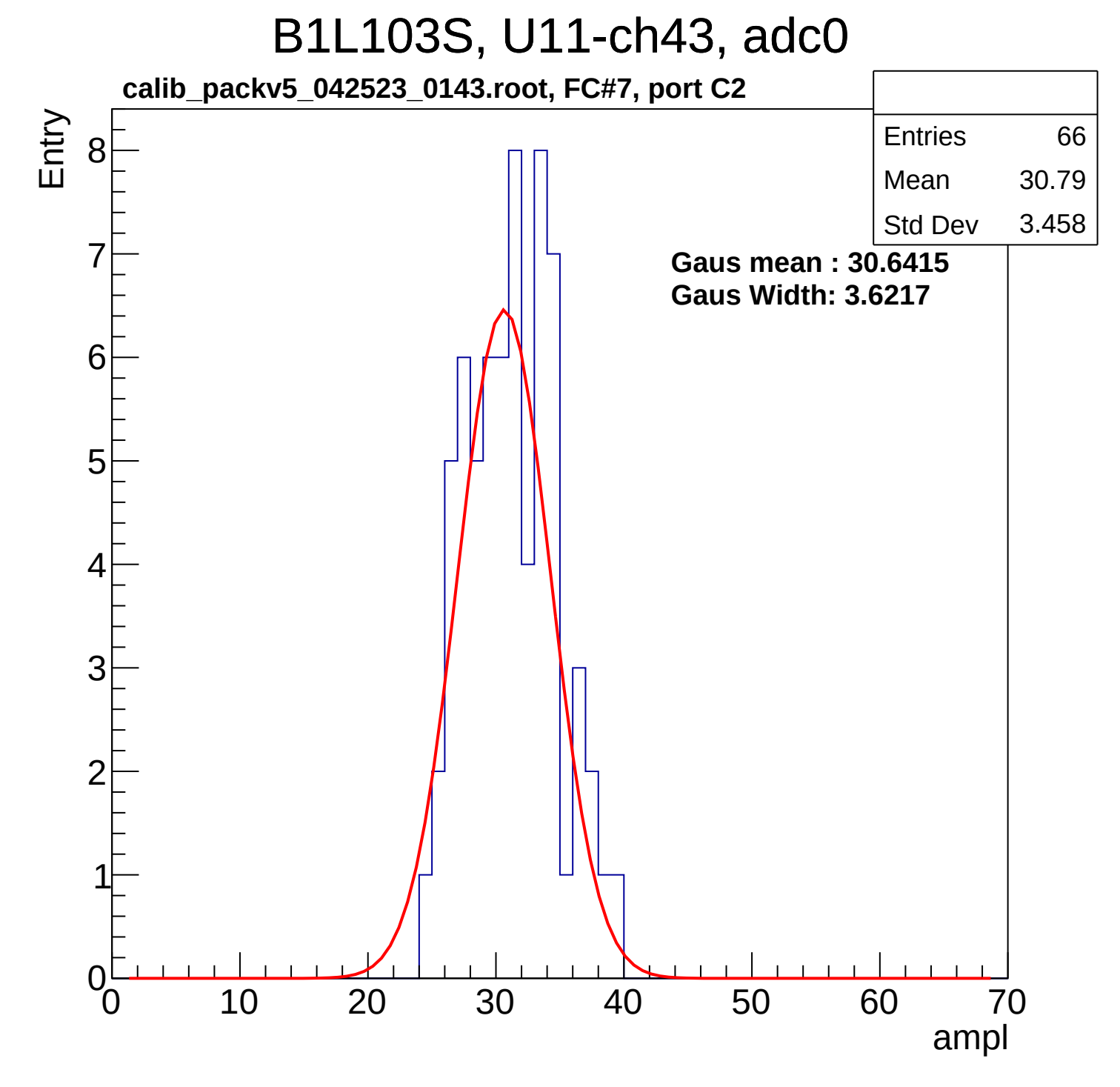

B1L103S, U11-ch42, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 42
Mean 60.29
Std Dev 2.207
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch42, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 50.2
Std Dev 25.1
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U11-ch42, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch43, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 30.79
Std Dev 3.458
Gaus mean : 30.6415
Gaus Width: 3.6217
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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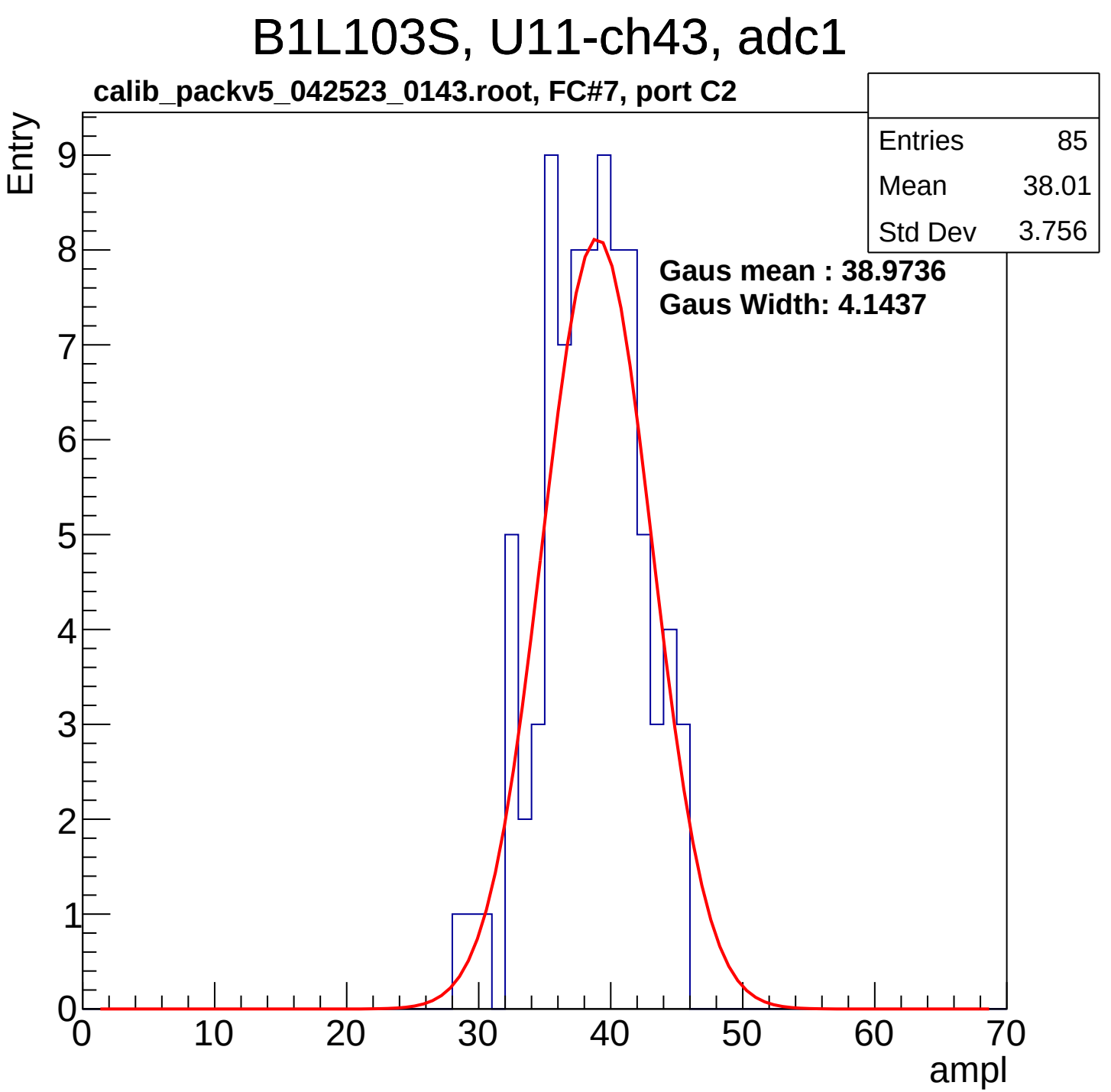
B1L103S, U11-ch43, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 85
Mean 38.01
Std Dev 3.756
Gaus mean : 38.9736
Gaus Width: 4.1437
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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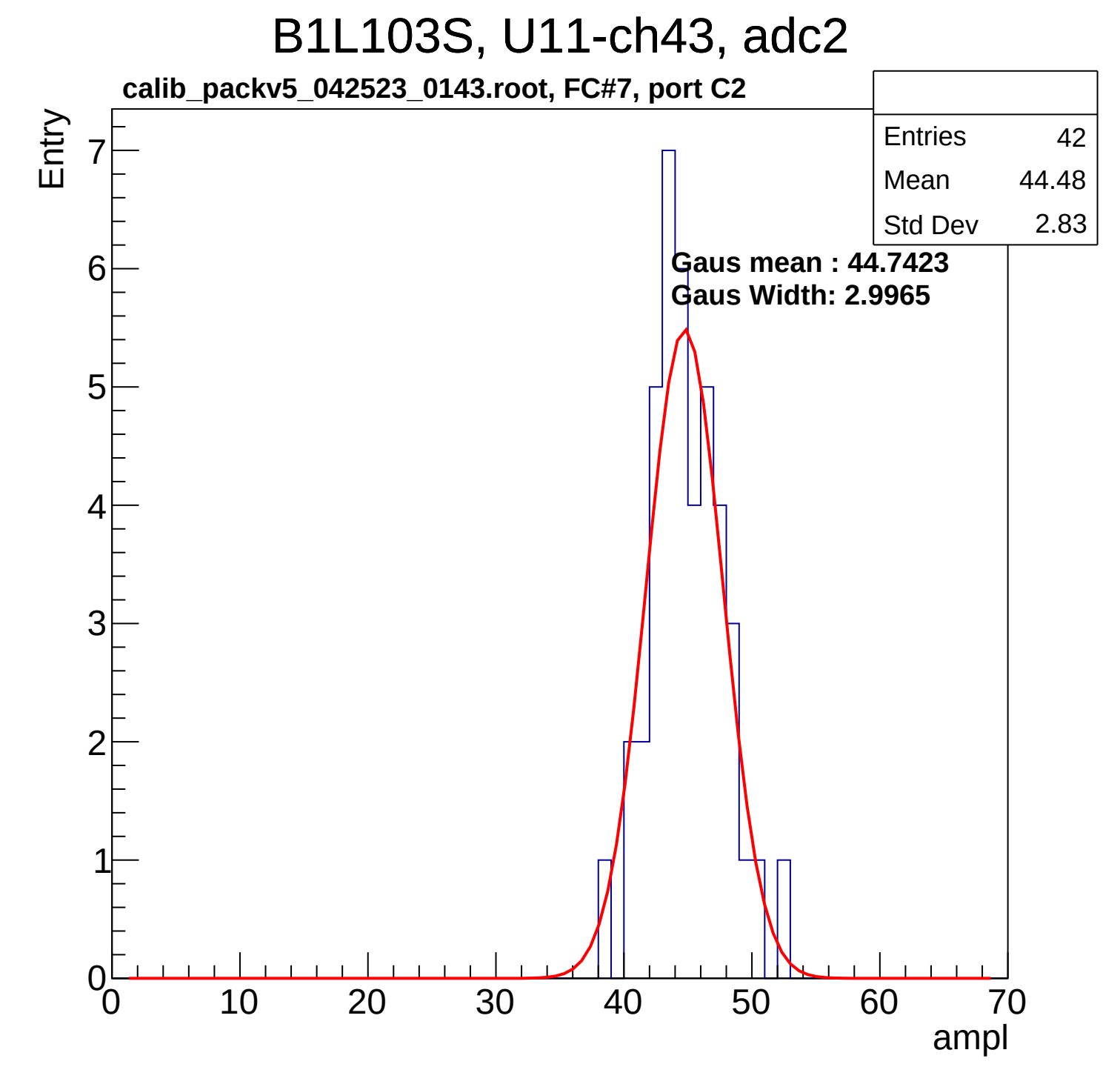
B1L103S, U11-ch43, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 42
Mean 44.48
Std Dev 2.83
Gaus mean : 44.7423
Gaus Width: 2.9965
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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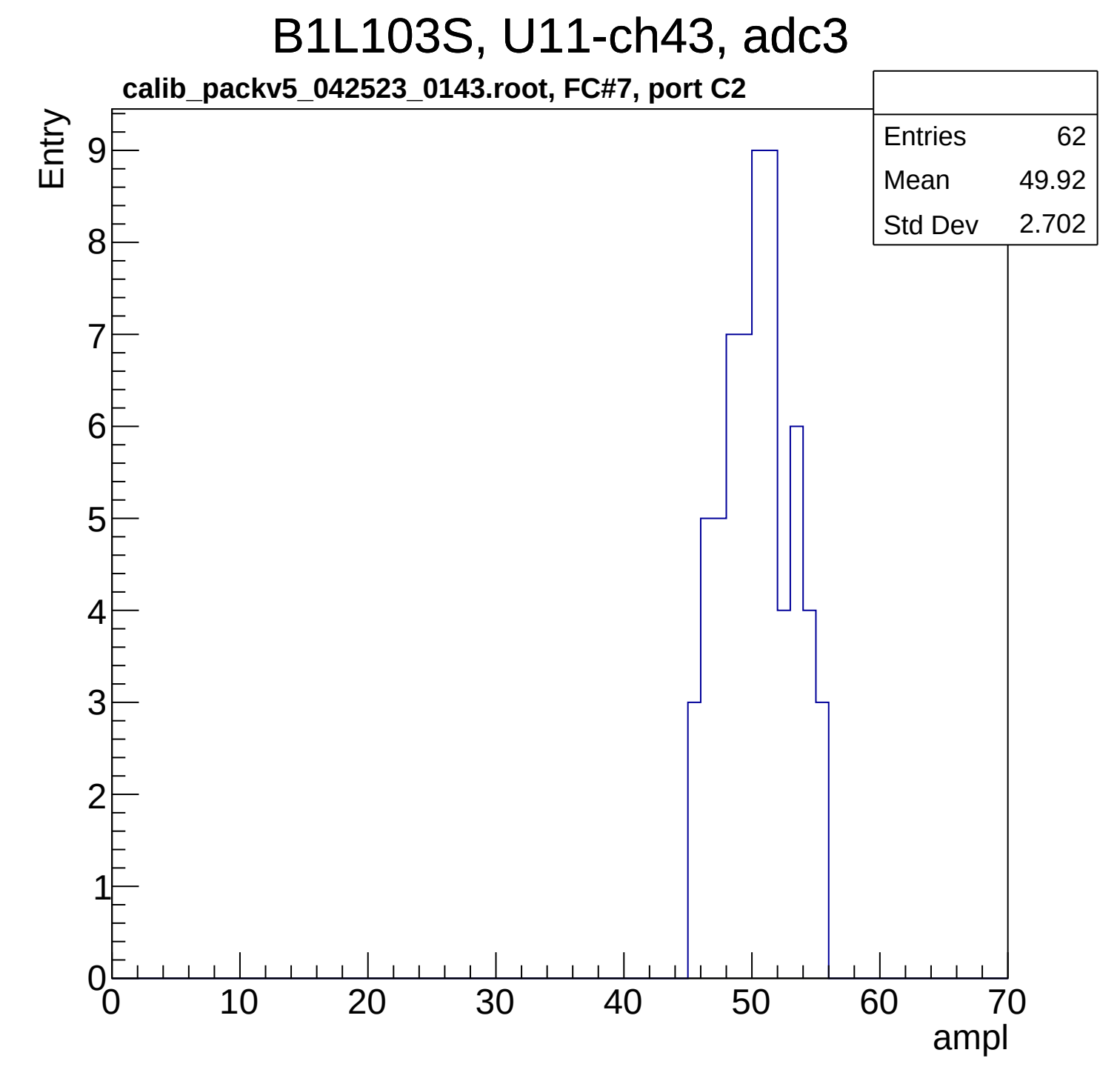
B1L103S, U11-ch43, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 49.92
Std Dev 2.702
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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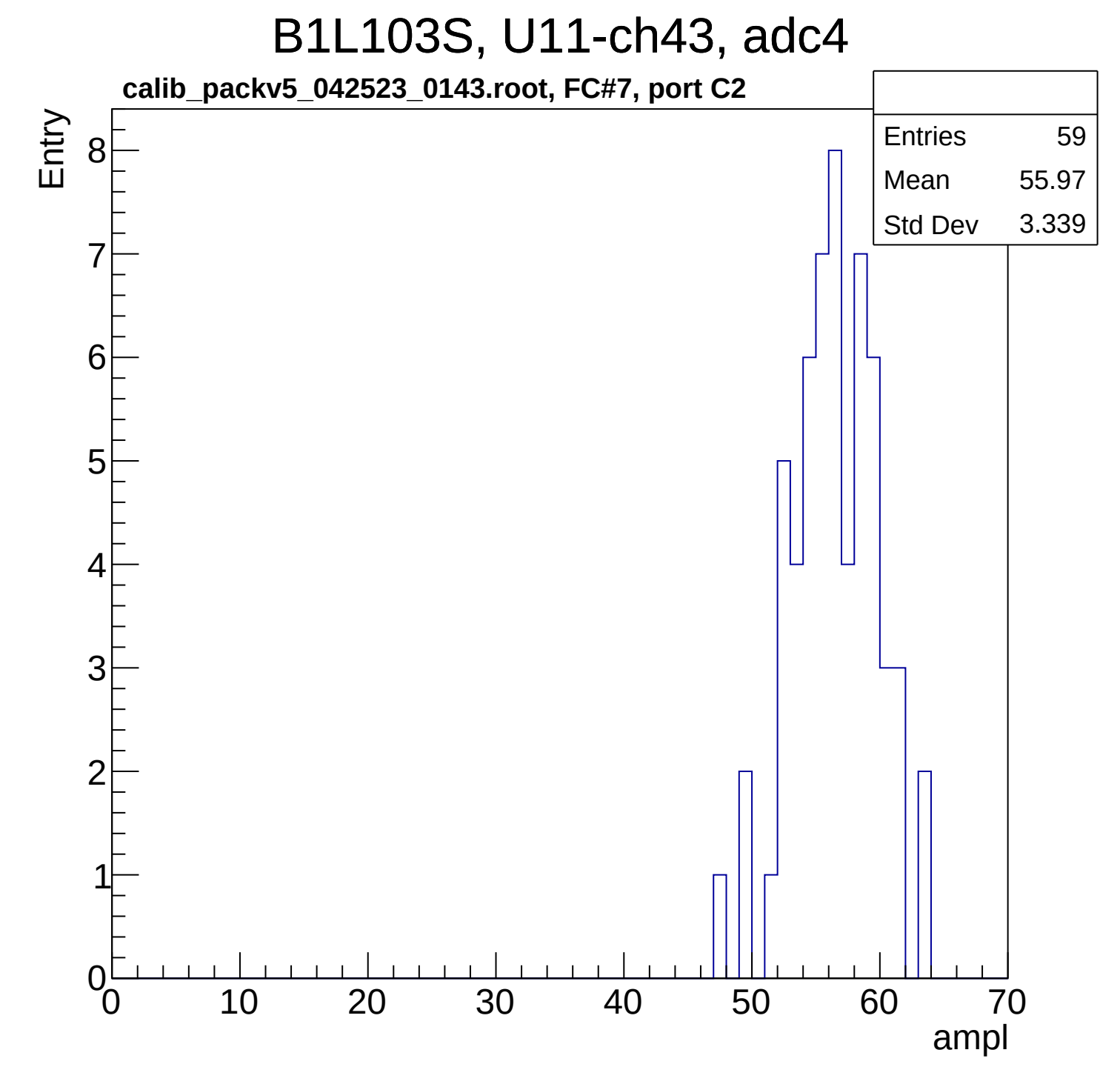
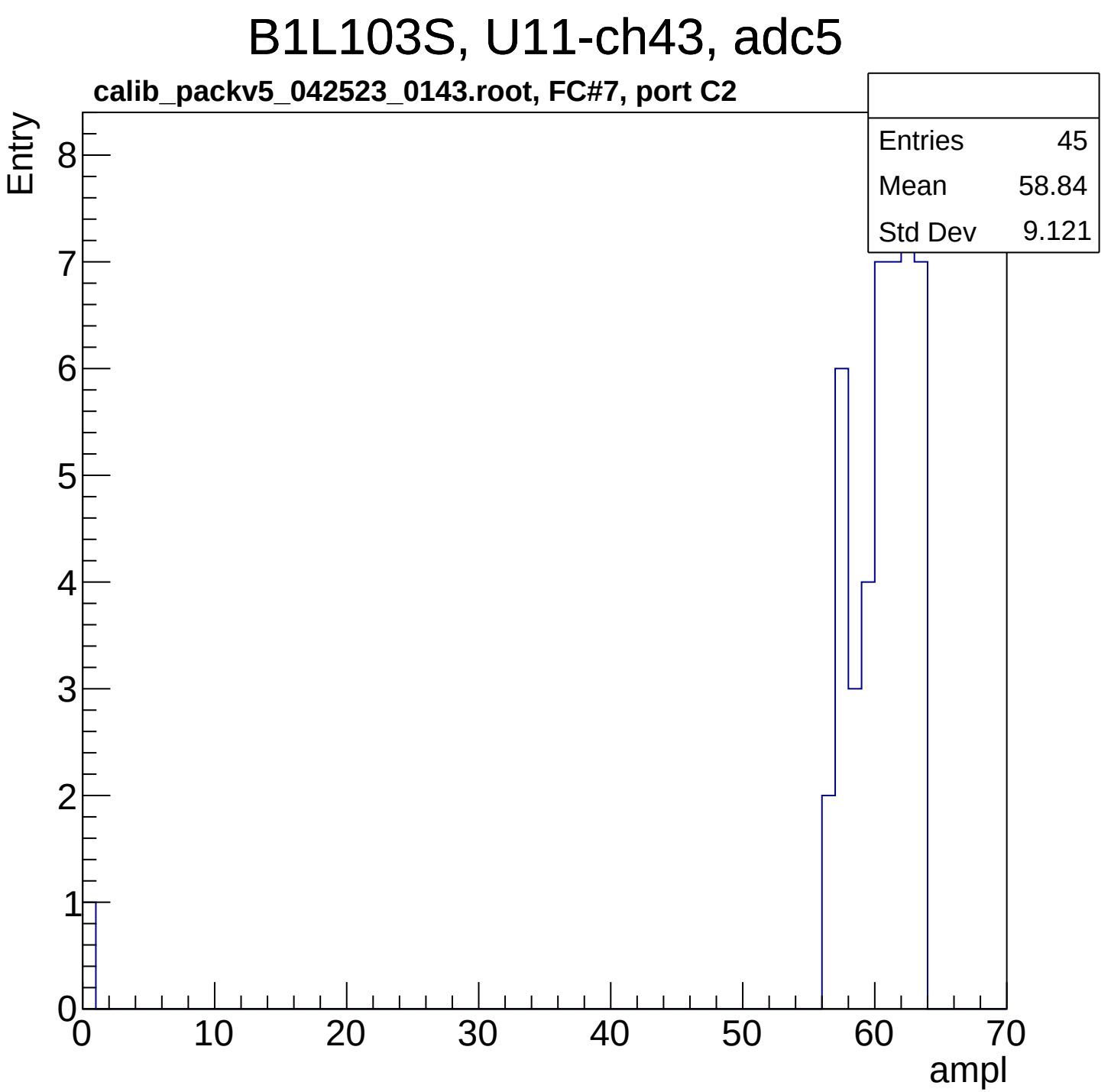

B1L103S, U11-ch43, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 55.97
Std Dev 3.339
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch43, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 45
Mean 58.84
Std Dev 9.121
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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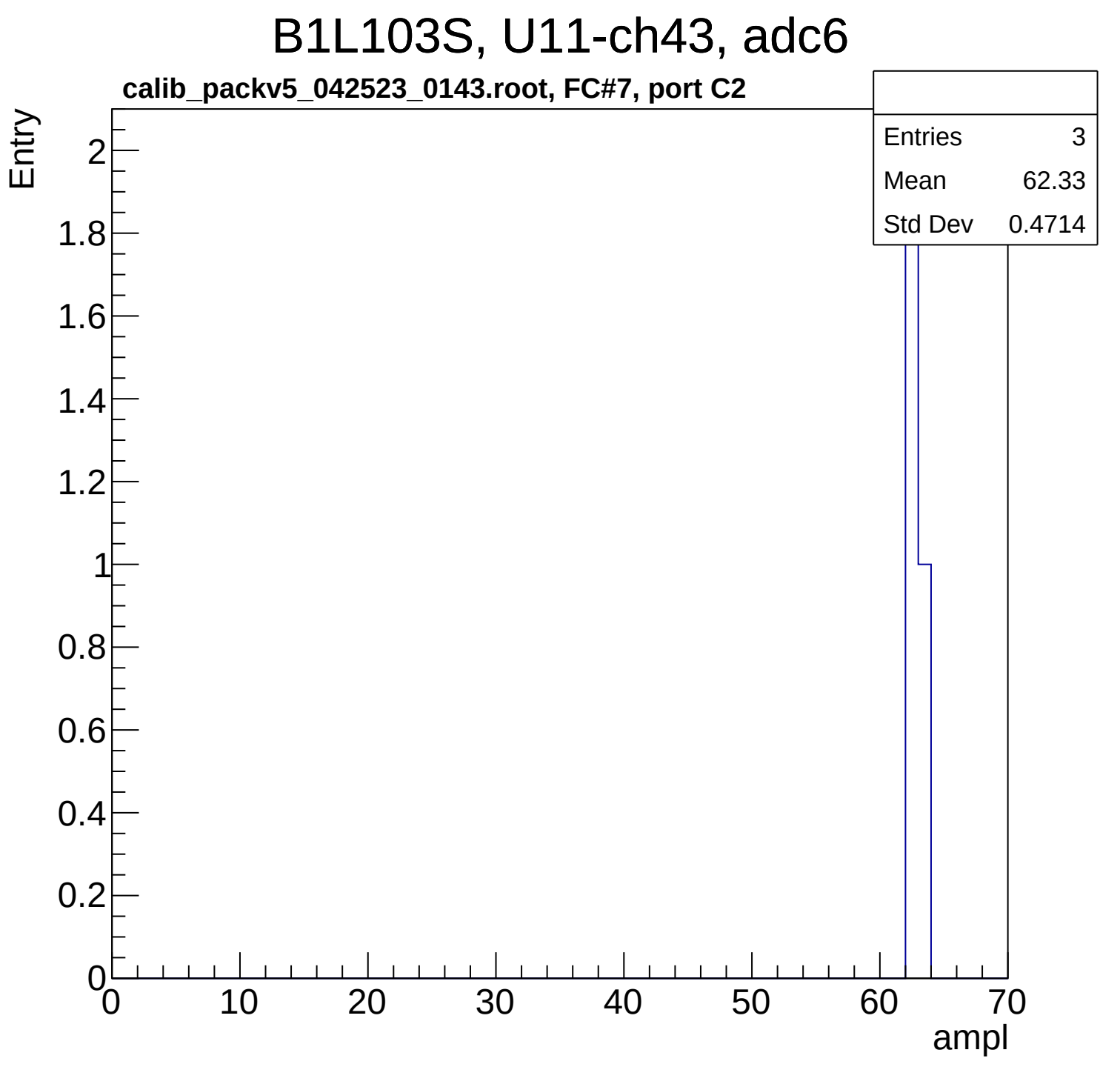
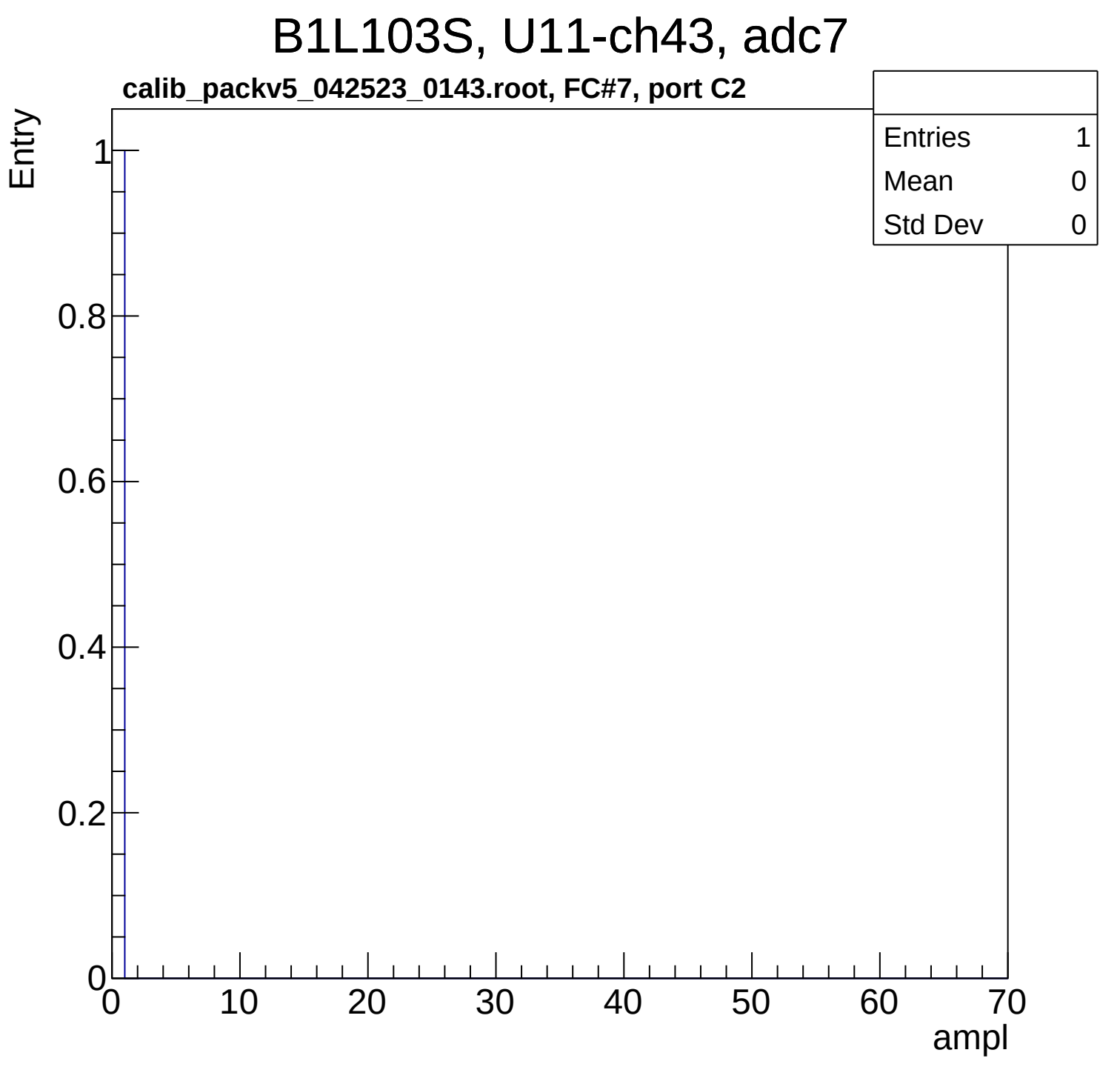
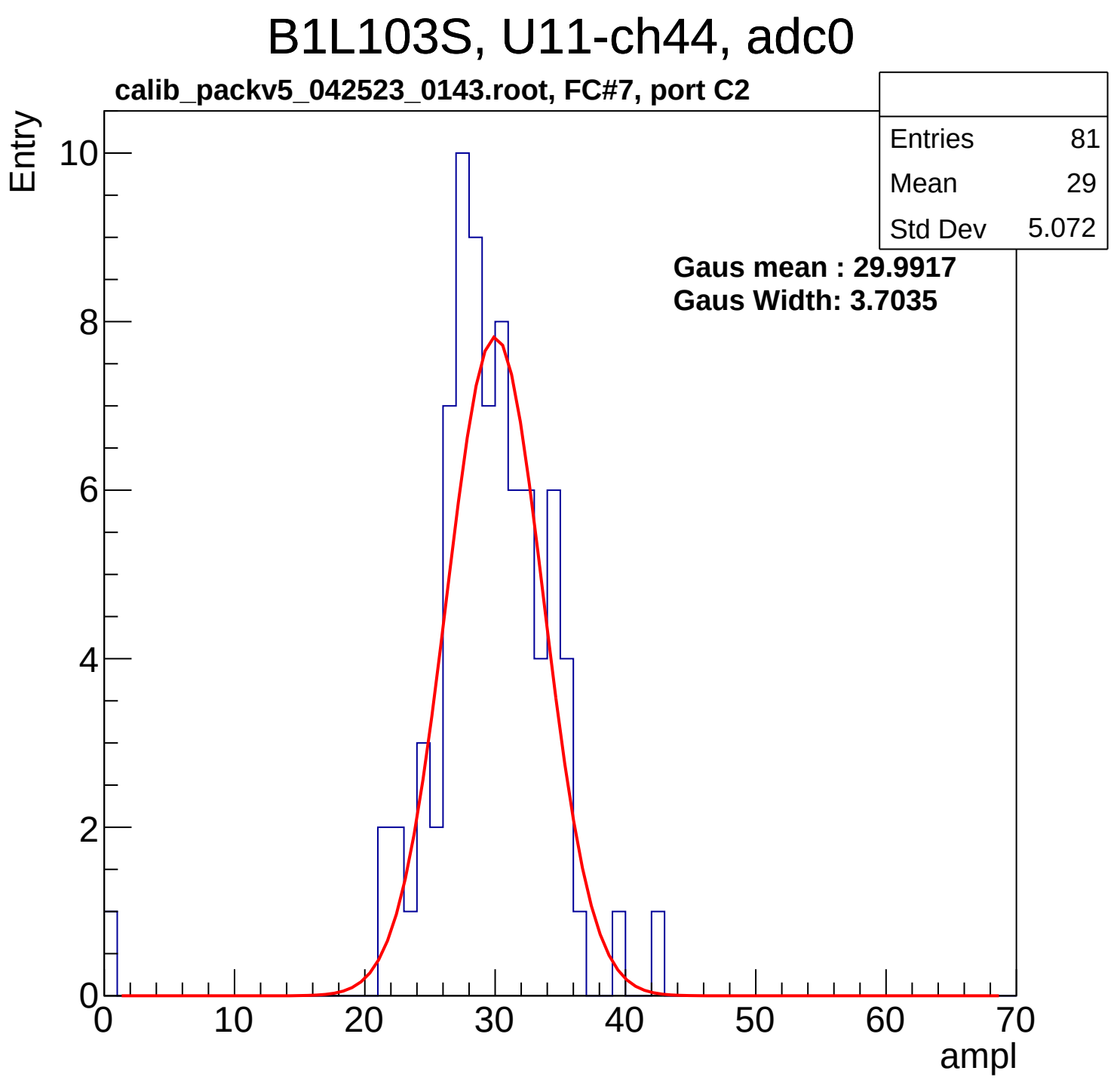
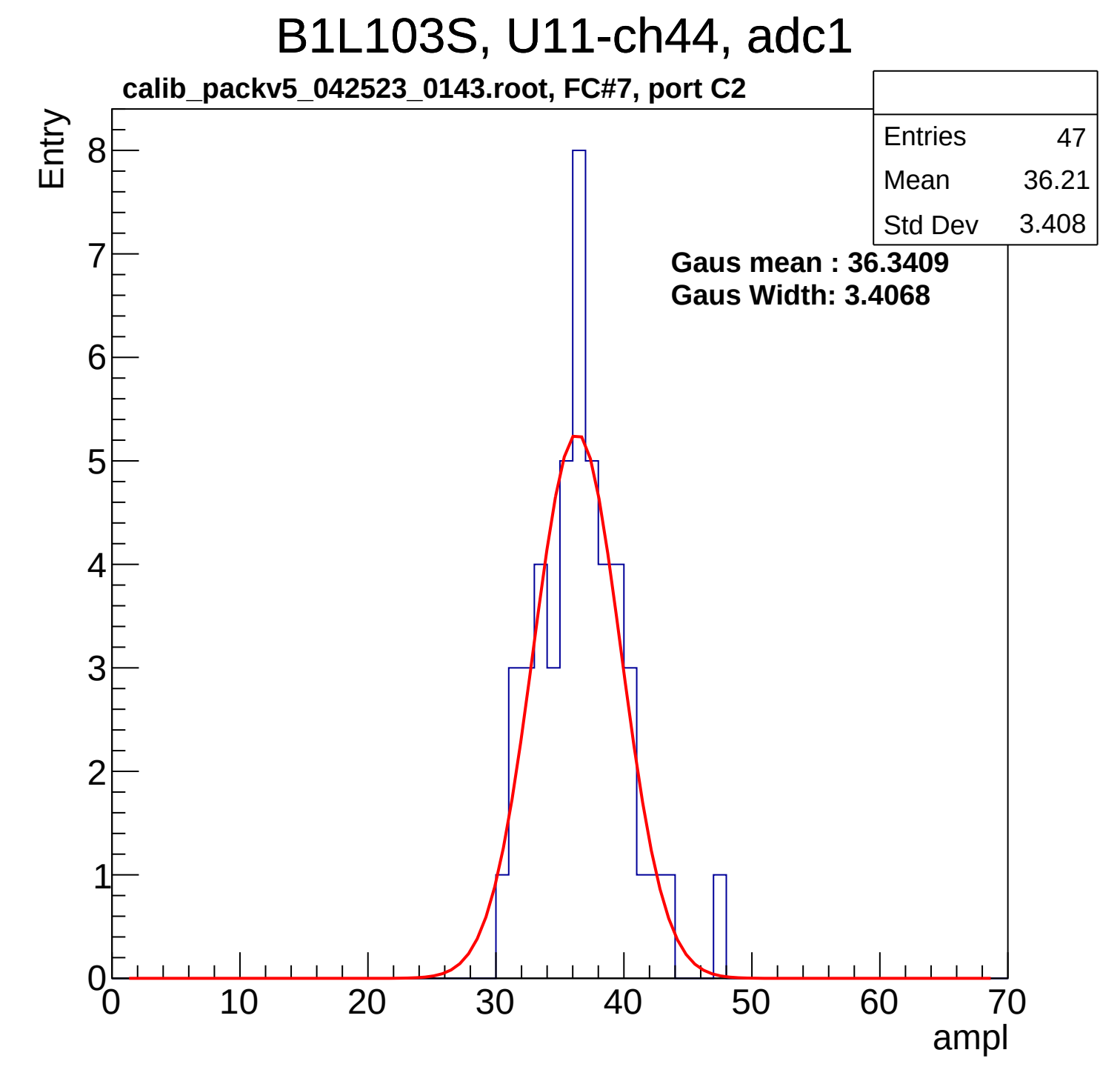

B1L103S, U11-ch43, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 62.33
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L103S, U11-ch43, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch44, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 81
Mean 29
Std Dev 5.072
Gaus mean : 29.9917
Gaus Width: 3.7035
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch44, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 47
Mean 36.21
Std Dev 3.408
Gaus mean : 36.3409
Gaus Width: 3.4068
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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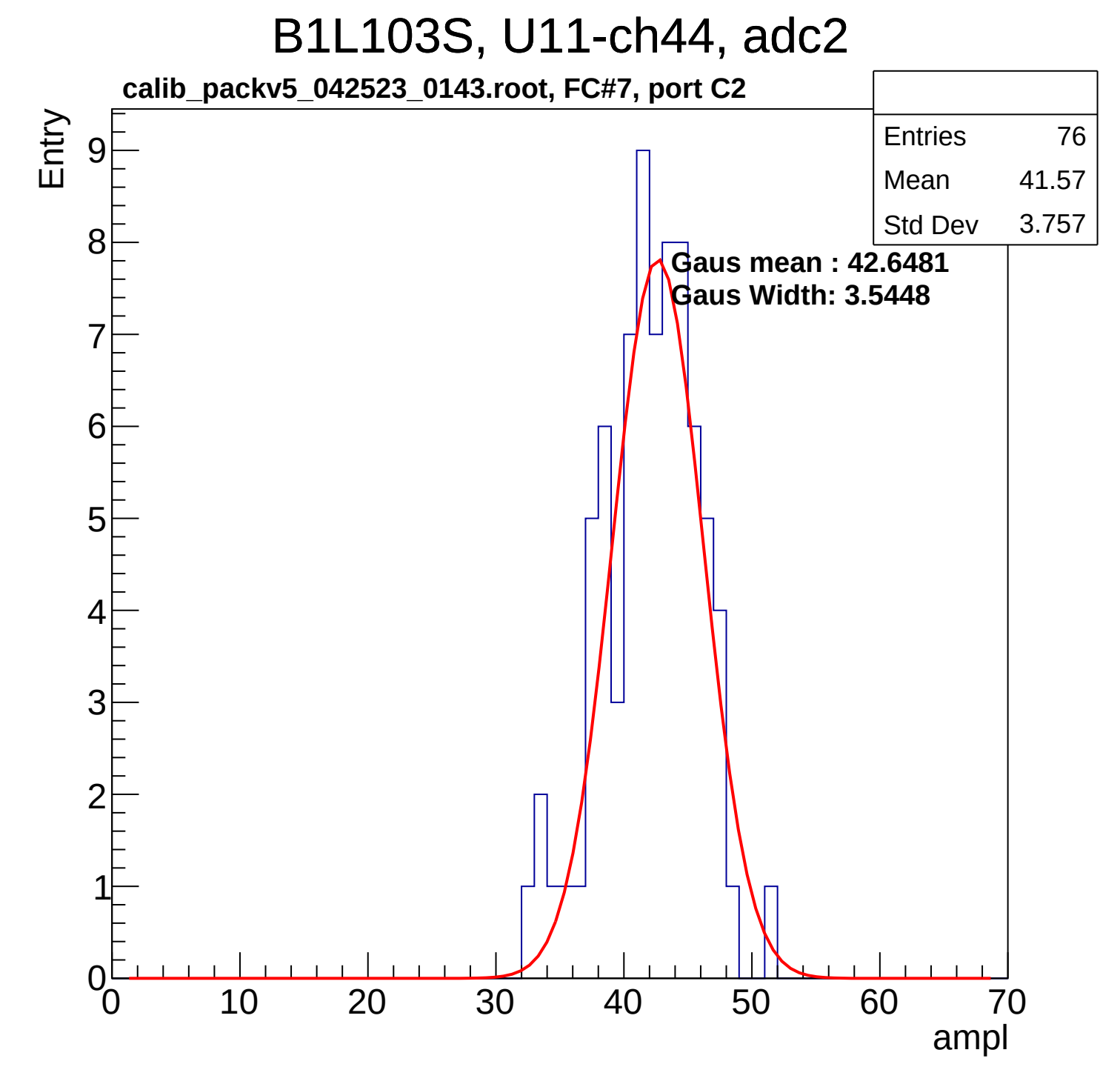
B1L103S, U11-ch44, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 41.57
Std Dev 3.757
Gaus mean : 42.6481
Gaus Width: 3.5448
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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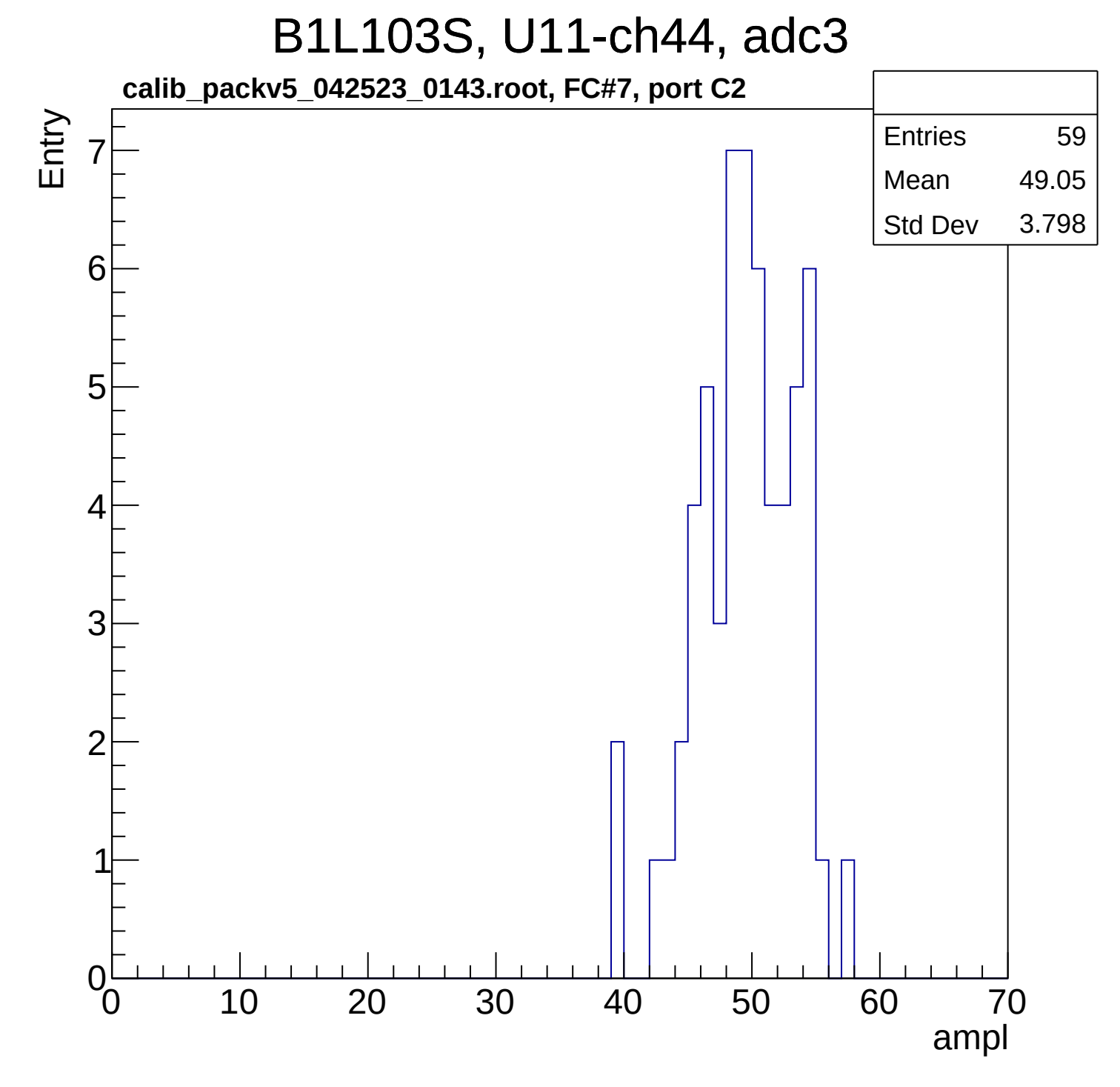
B1L103S, U11-ch44, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 49.05
Std Dev 3.798
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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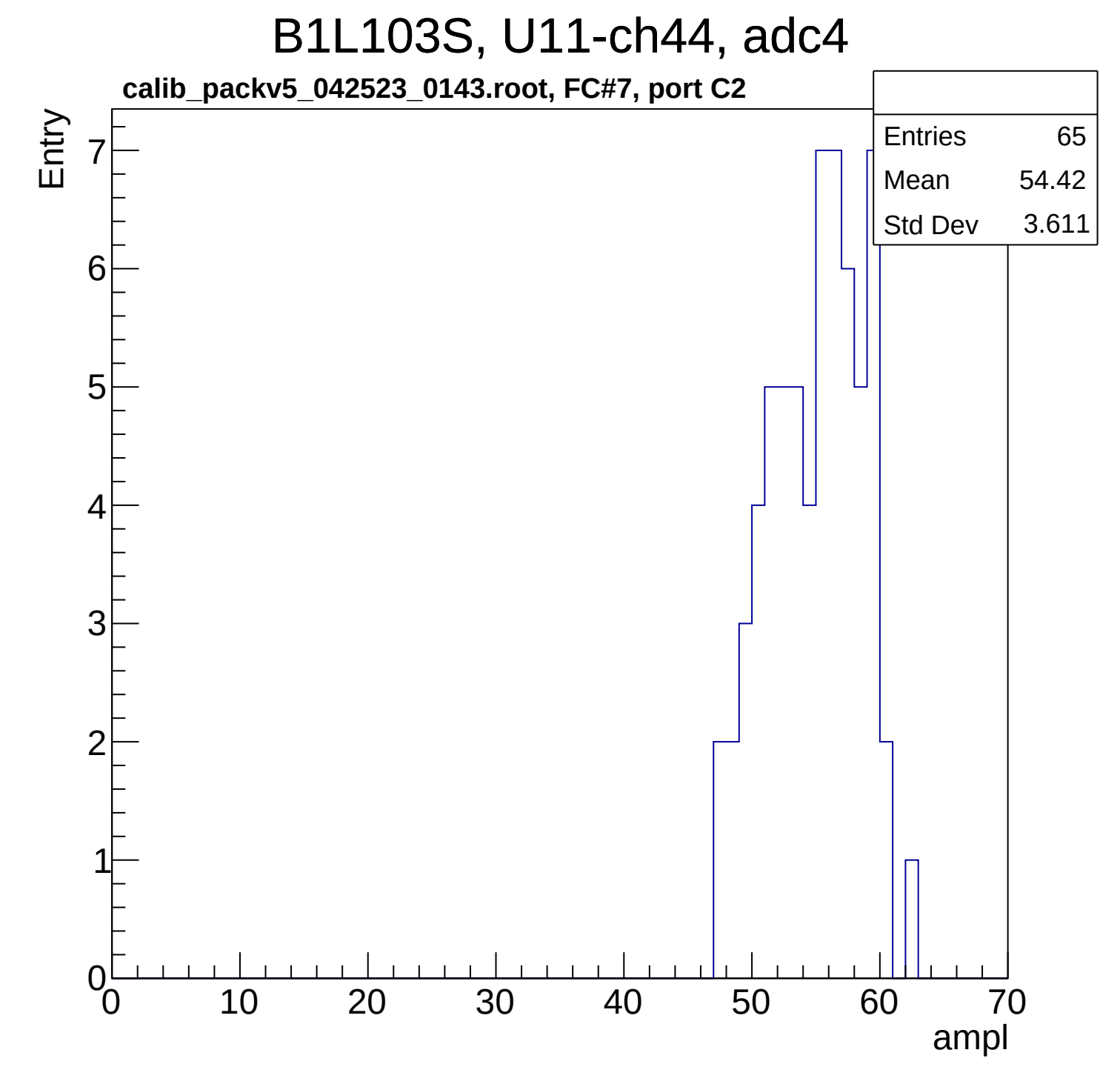
B1L103S, U11-ch44, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 54.42
Std Dev 3.611
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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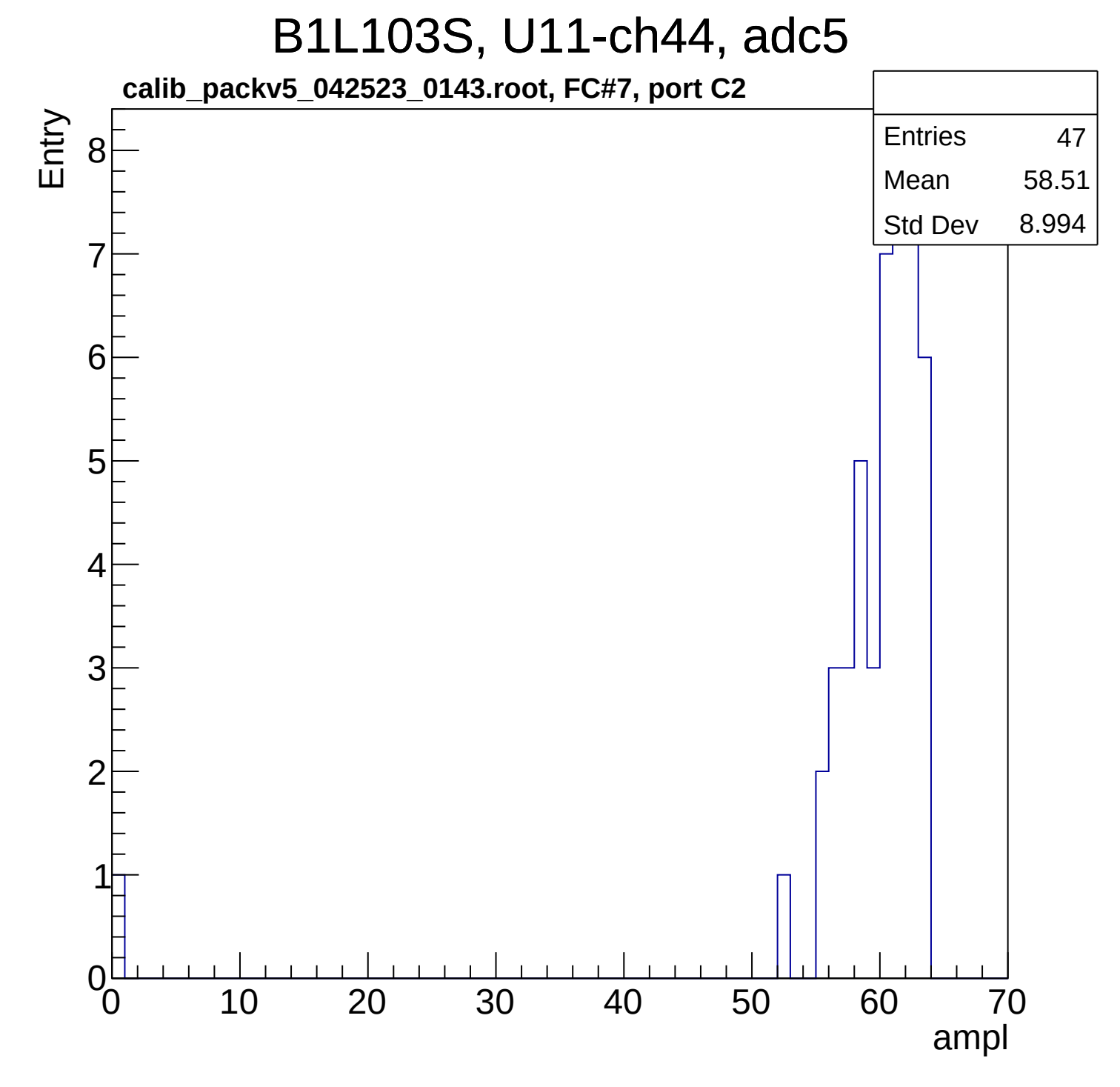
B1L103S, U11-ch44, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 47
Mean 58.51
Std Dev 8.994
Entry
ampl
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1
2
3
4
5
6
7
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0
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20
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40
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60
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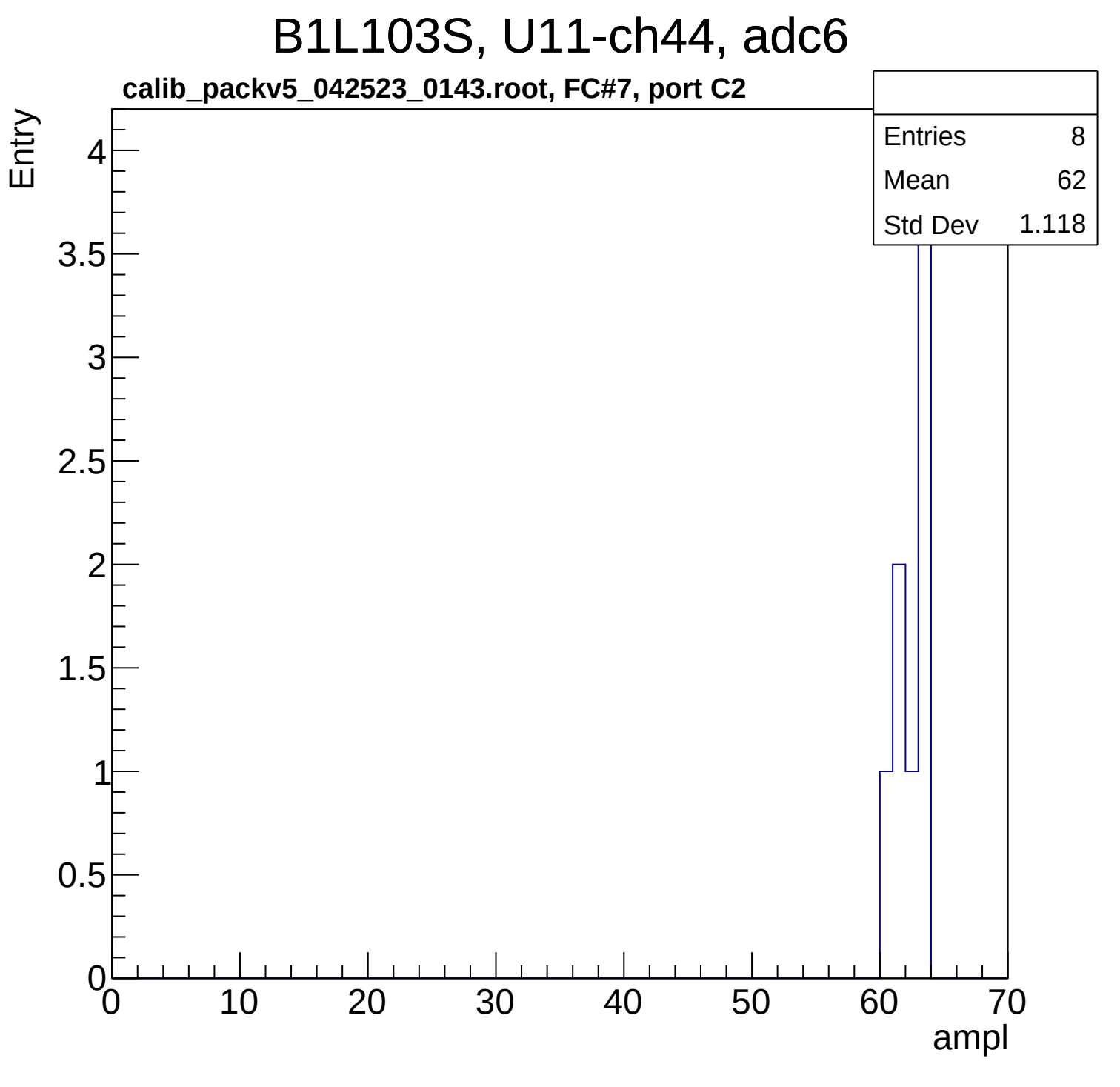
B1L103S, U11-ch44, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 8
Mean 62
Std Dev 1.118
Entry
ampl
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1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
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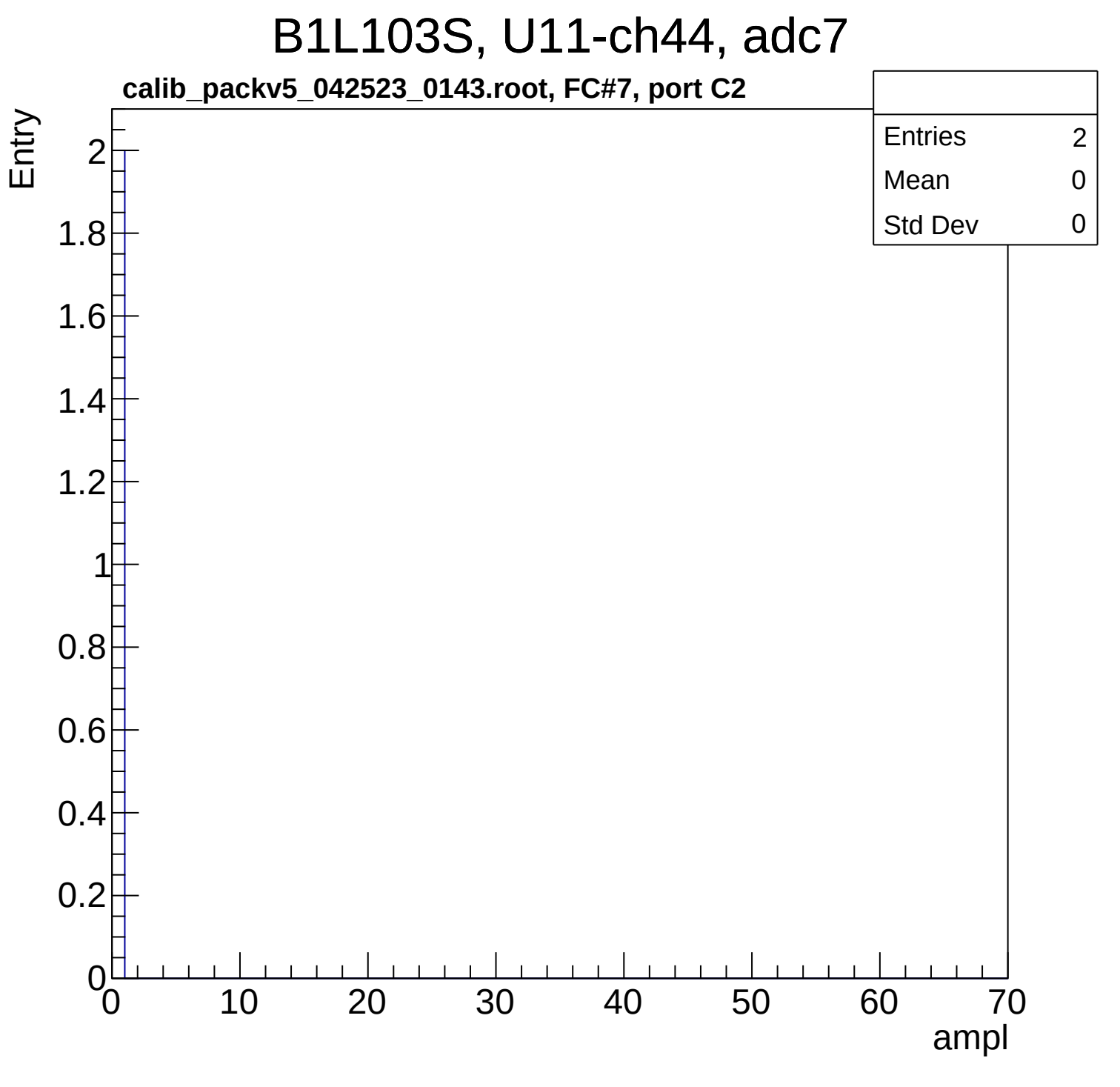
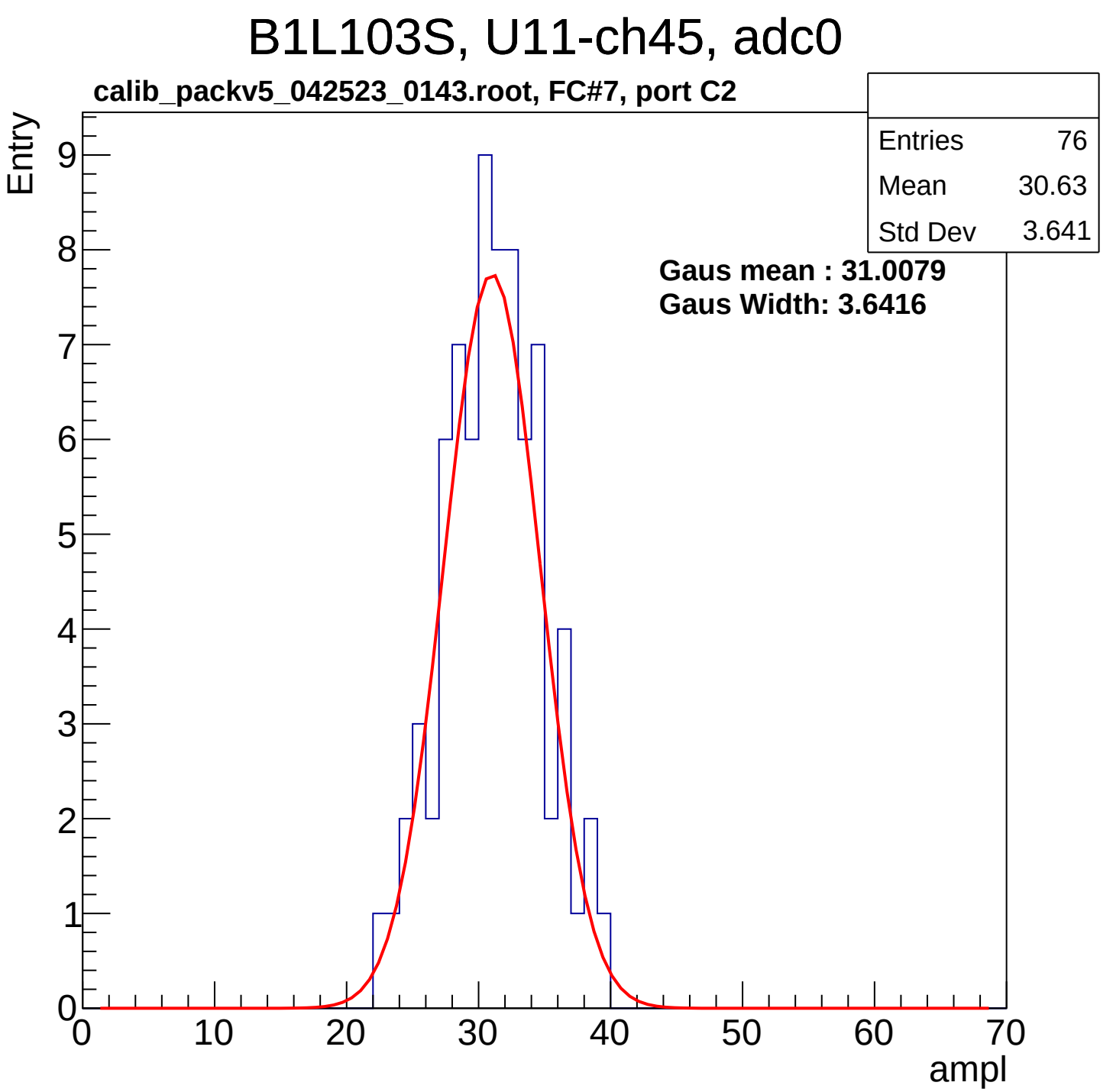
60
70


B1L103S, U11-ch44, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch45, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 30.63
Std Dev 3.641
Gaus mean : 31.0079
Gaus Width: 3.6416
Entry
ampl
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2
3
4
5
6
7
8
9
0
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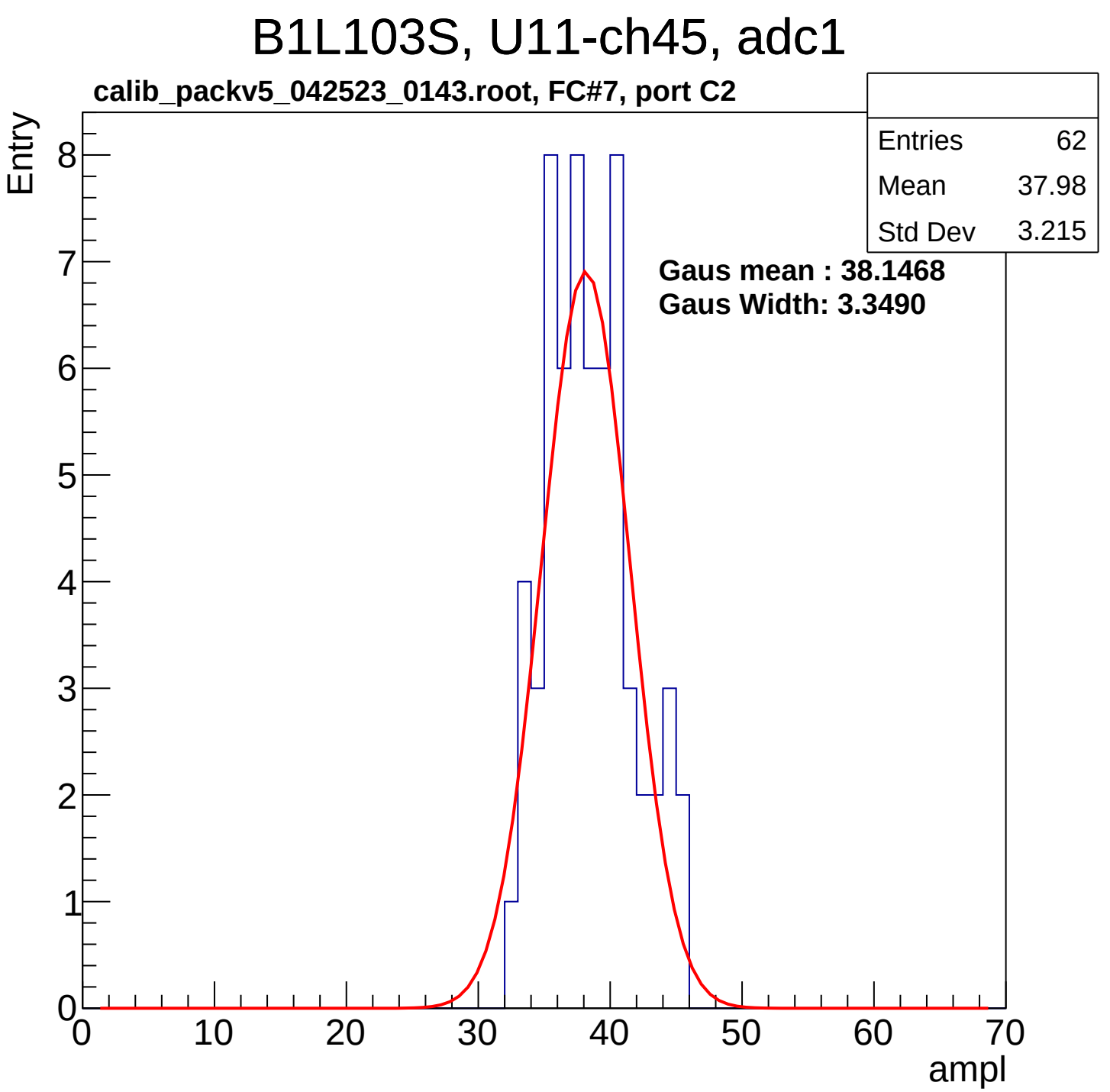
20
30
40
50
60
70


B1L103S, U11-ch45, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 37.98
Std Dev 3.215
Gaus mean : 38.1468
Gaus Width: 3.3490
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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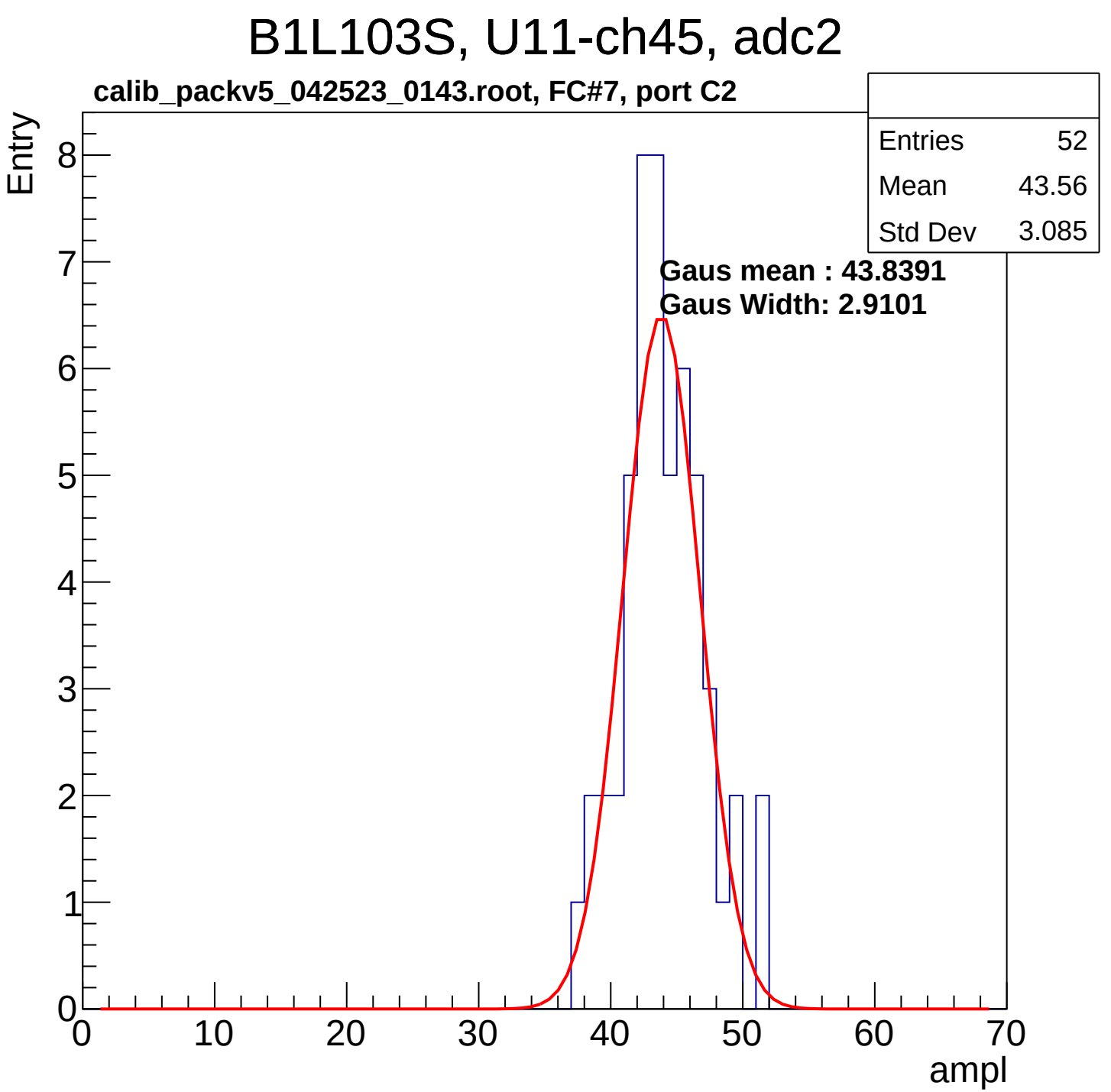
B1L103S, U11-ch45, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 52
Mean 43.56
Std Dev 3.085
Gaus mean : 43.8391
Gaus Width: 2.9101
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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60
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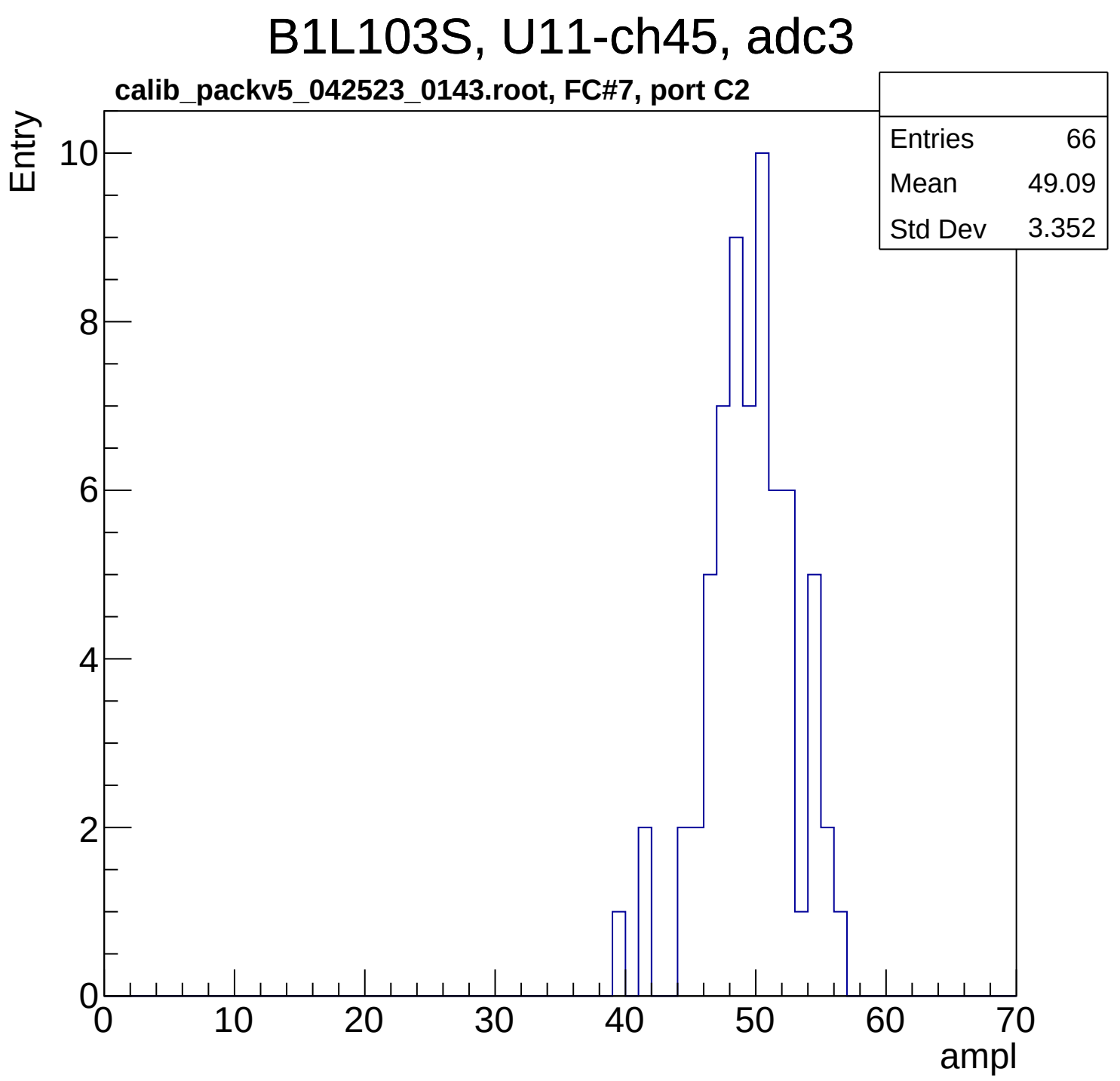
B1L103S, U11-ch45, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 49.09
Std Dev 3.352
Entry
ampl
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0
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40
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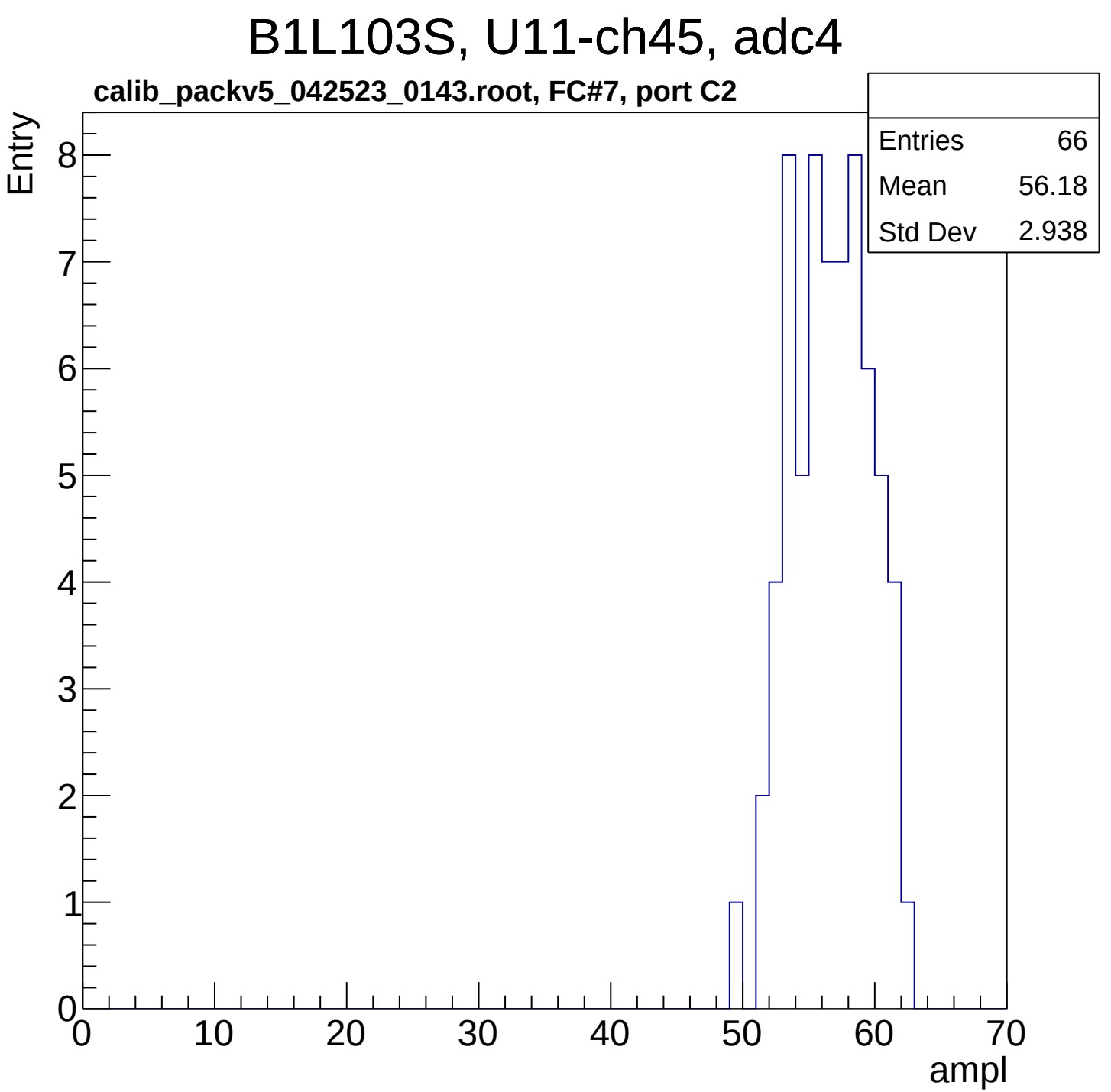
B1L103S, U11-ch45, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 56.18
Std Dev 2.938
Entry
ampl
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1
2
3
4
5
6
7
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0
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20
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40
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60
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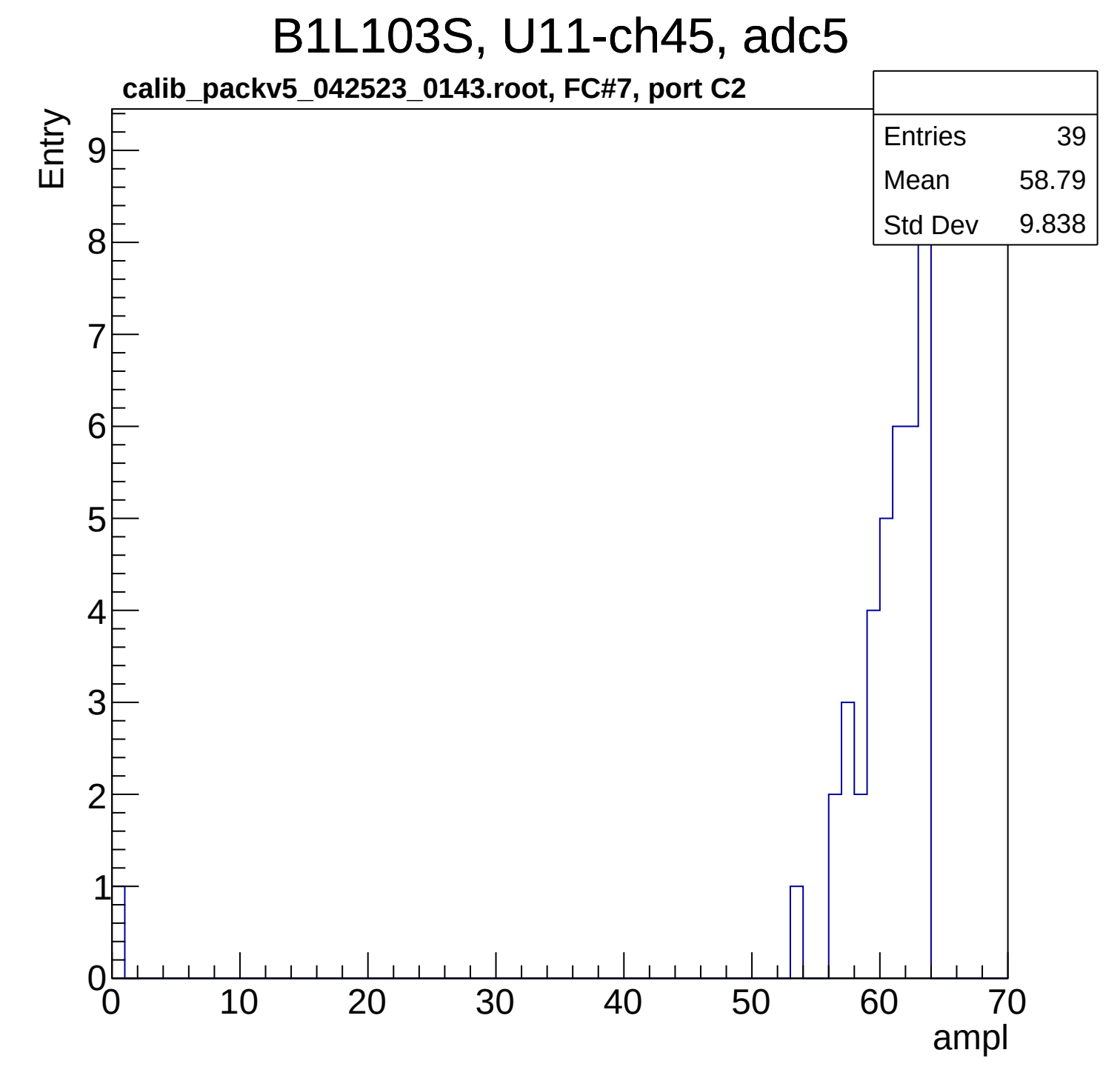
B1L103S, U11-ch45, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 39
Mean 58.79
Std Dev 9.838
Entry
ampl
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2
3
4
5
6
7
8
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0
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60
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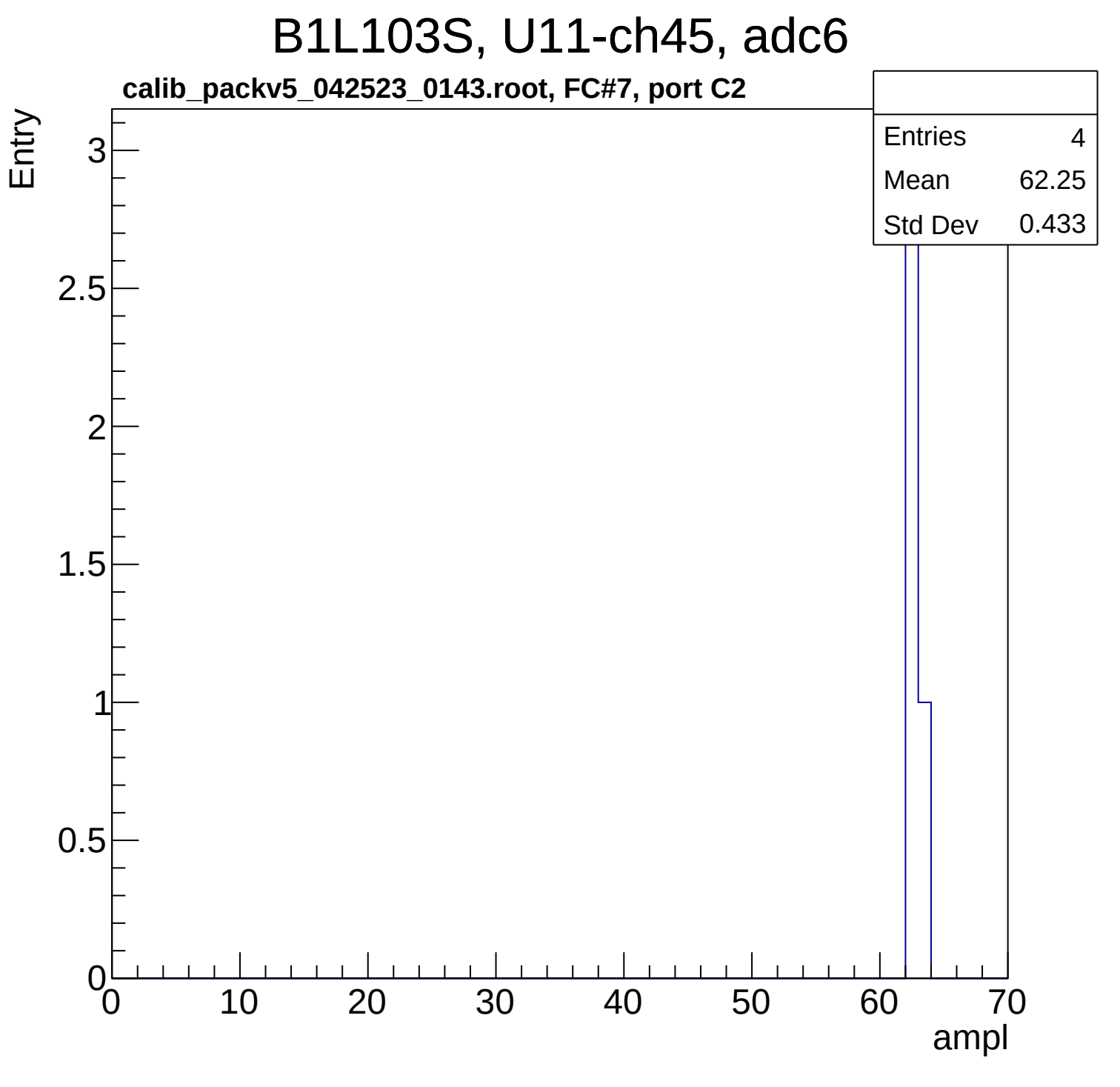
B1L103S, U11-ch45, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 4
Mean 62.25
Std Dev 0.433
Entry
ampl
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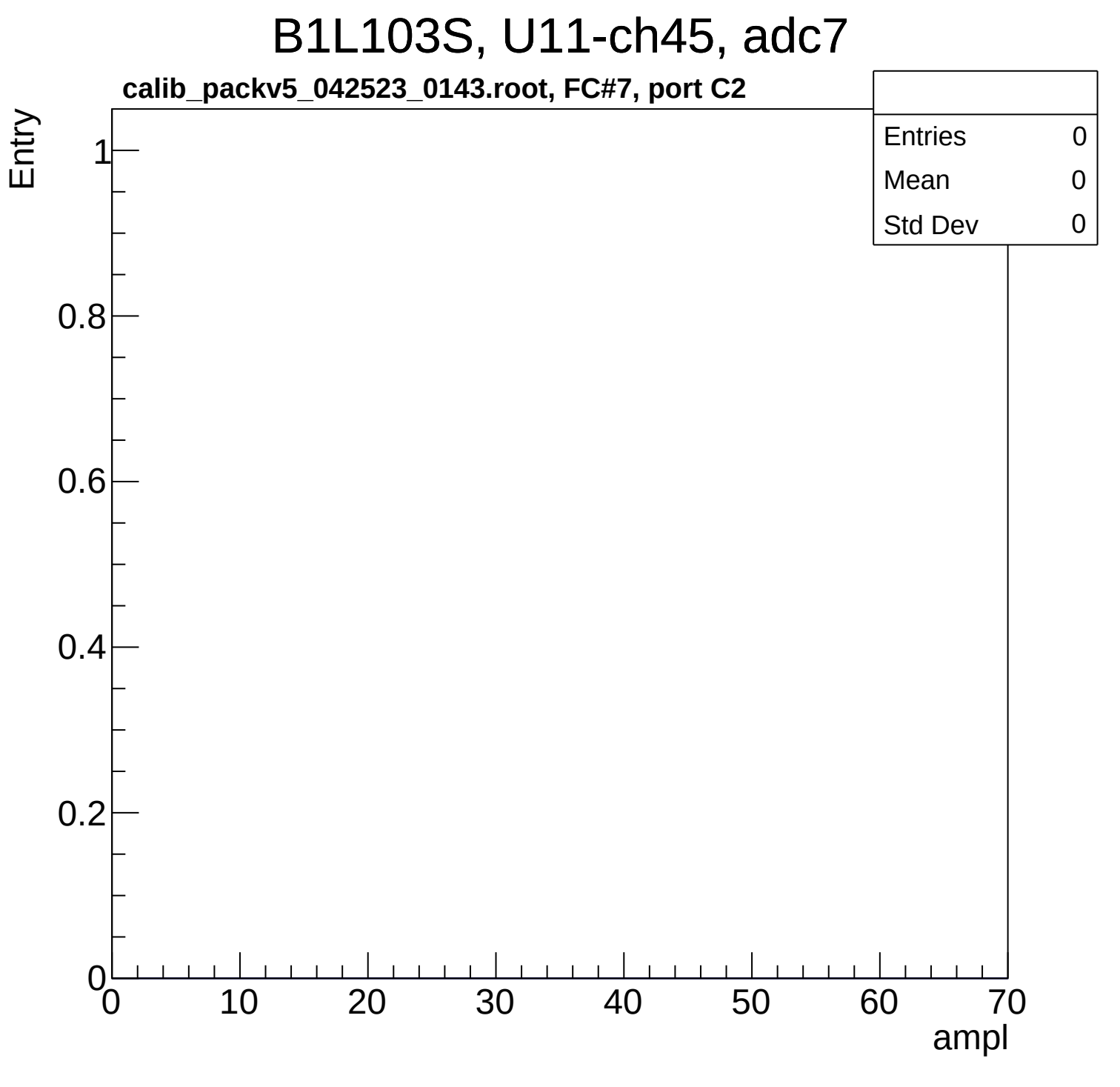
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U11-ch45, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
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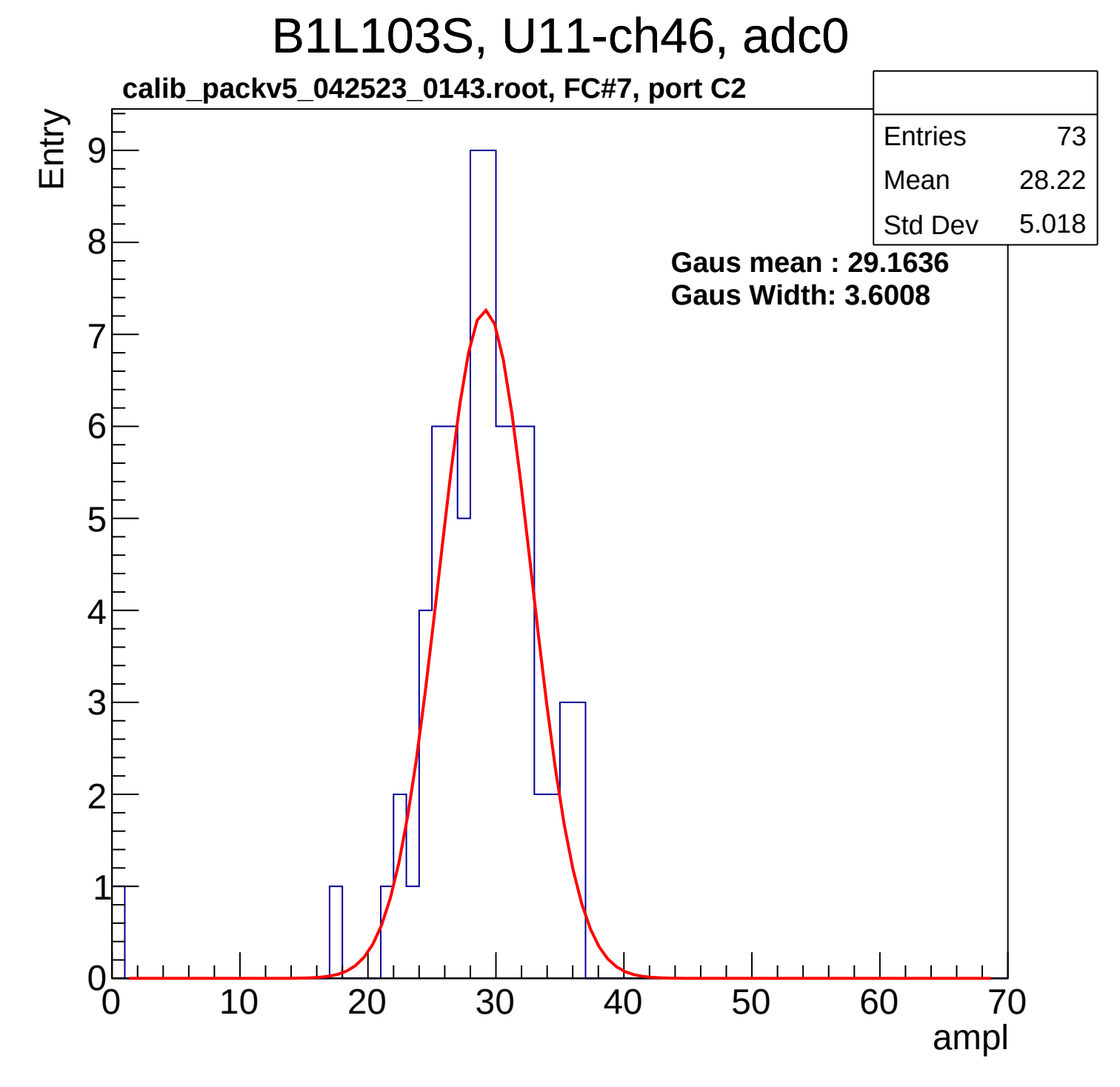
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch46, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 28.22
Std Dev 5.018
Gaus mean : 29.1636
Gaus Width: 3.6008
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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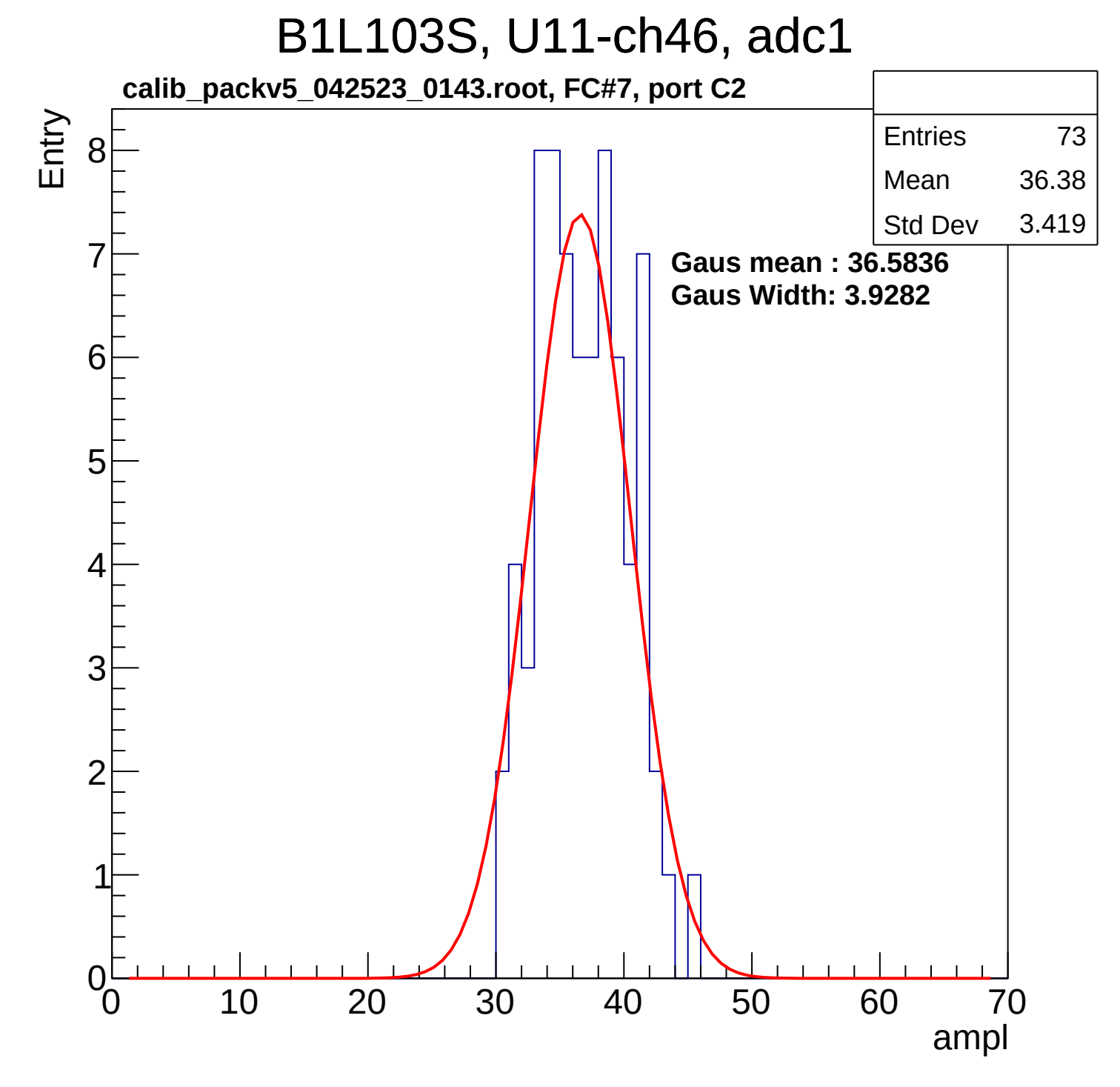
B1L103S, U11-ch46, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 36.38
Std Dev 3.419
Gaus mean : 36.5836
Gaus Width: 3.9282
Entry
ampl
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1
2
3
4
5
6
7
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0
10
20
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40
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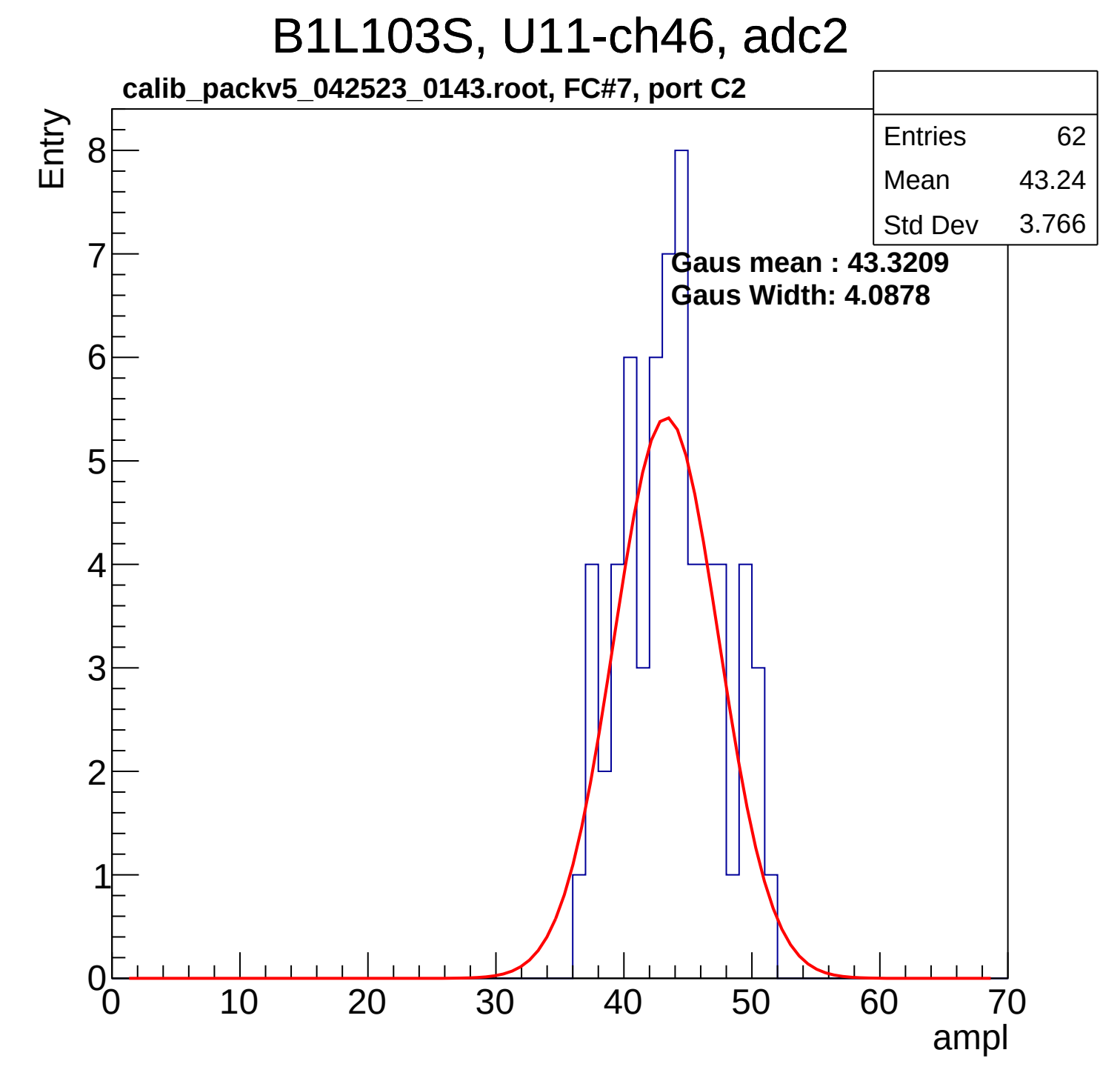
B1L103S, U11-ch46, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 43.24
Std Dev 3.766
Gaus mean : 43.3209
Gaus Width: 4.0878
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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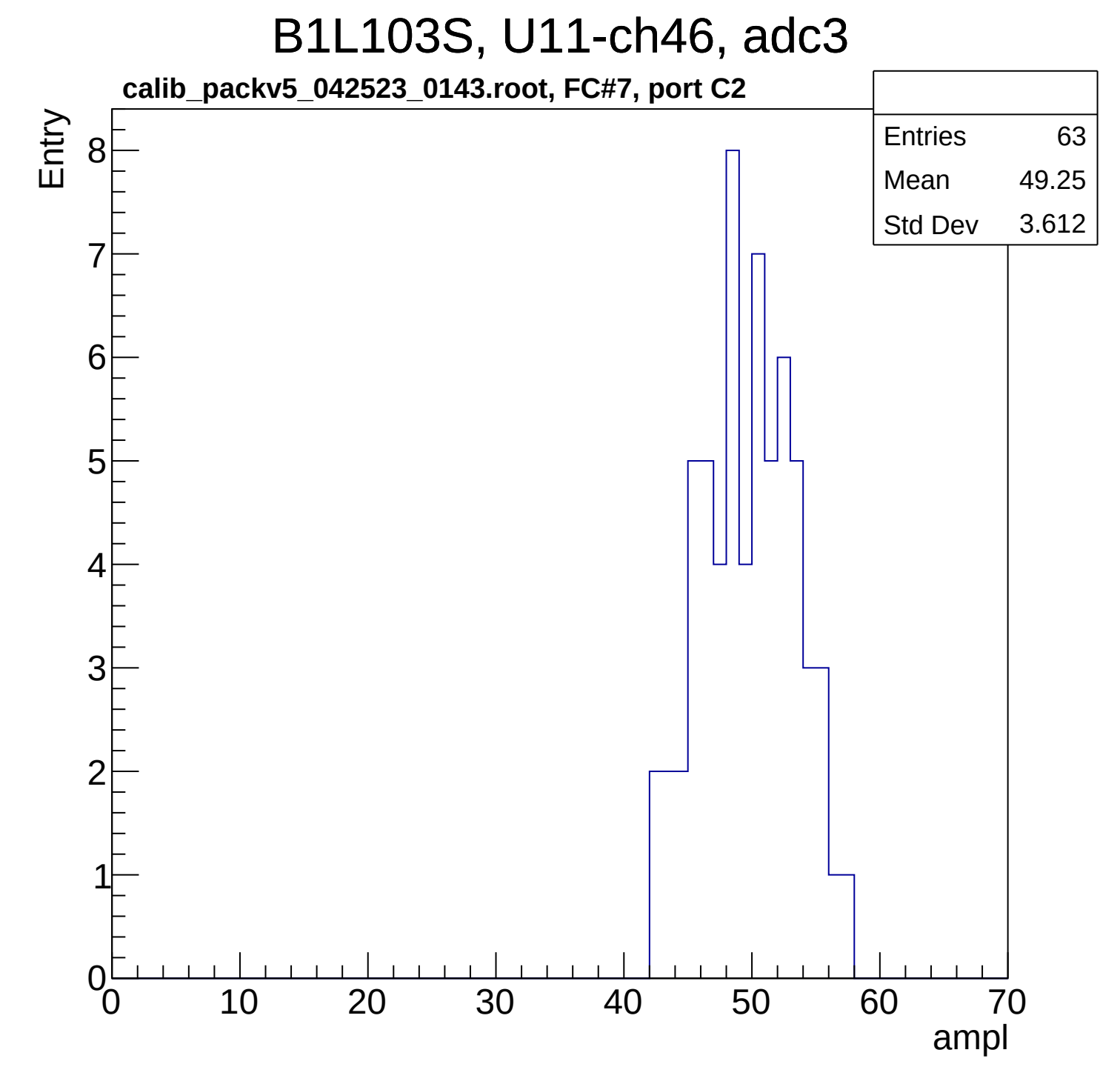
40
50
60
70


B1L103S, U11-ch46, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 49.25
Std Dev 3.612
Entry
ampl
0
1
2
3
4
5
6
7
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0
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60
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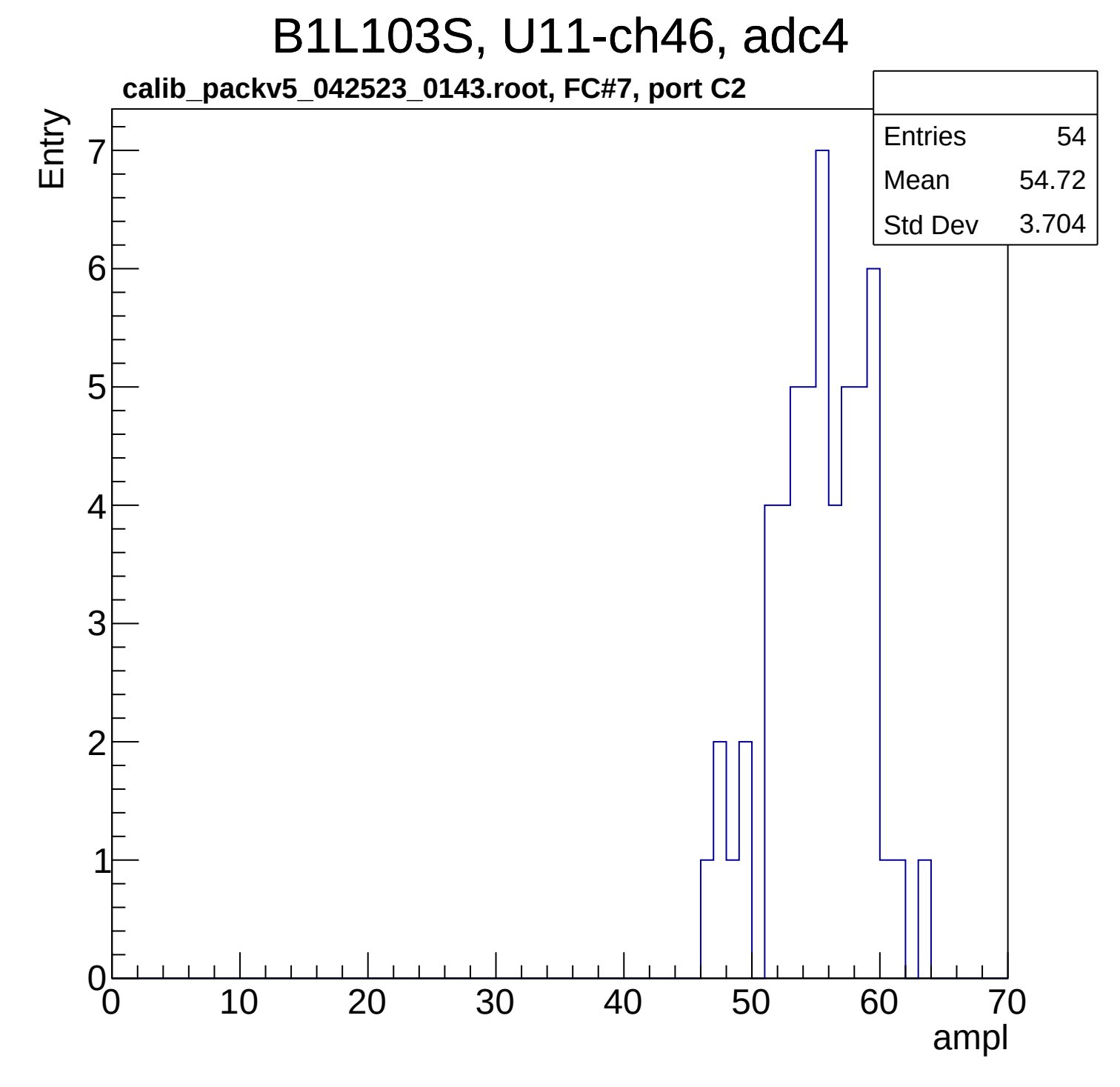
B1L103S, U11-ch46, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 54.72
Std Dev 3.704
Entry
ampl
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3
4
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0
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60
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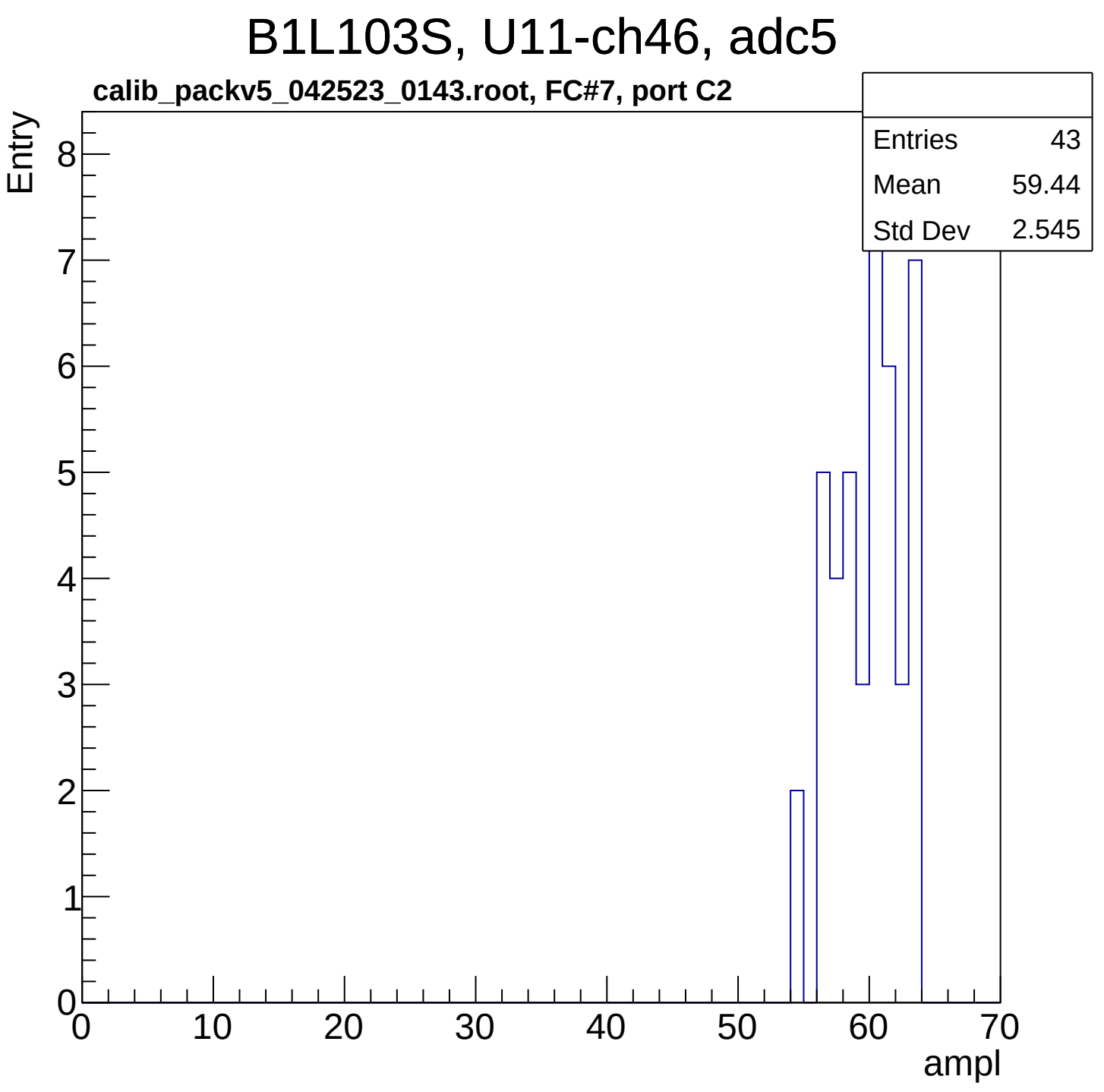
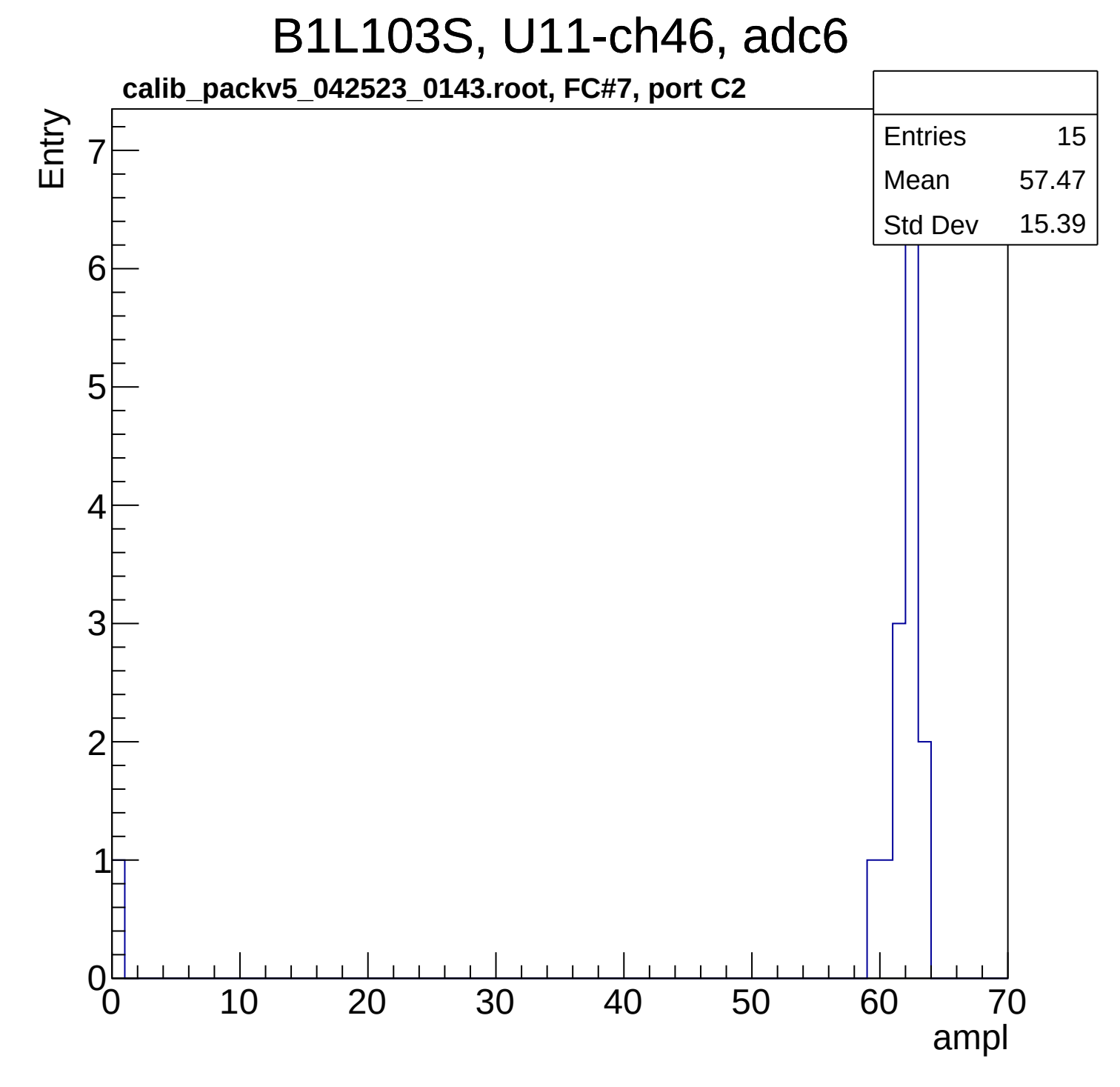
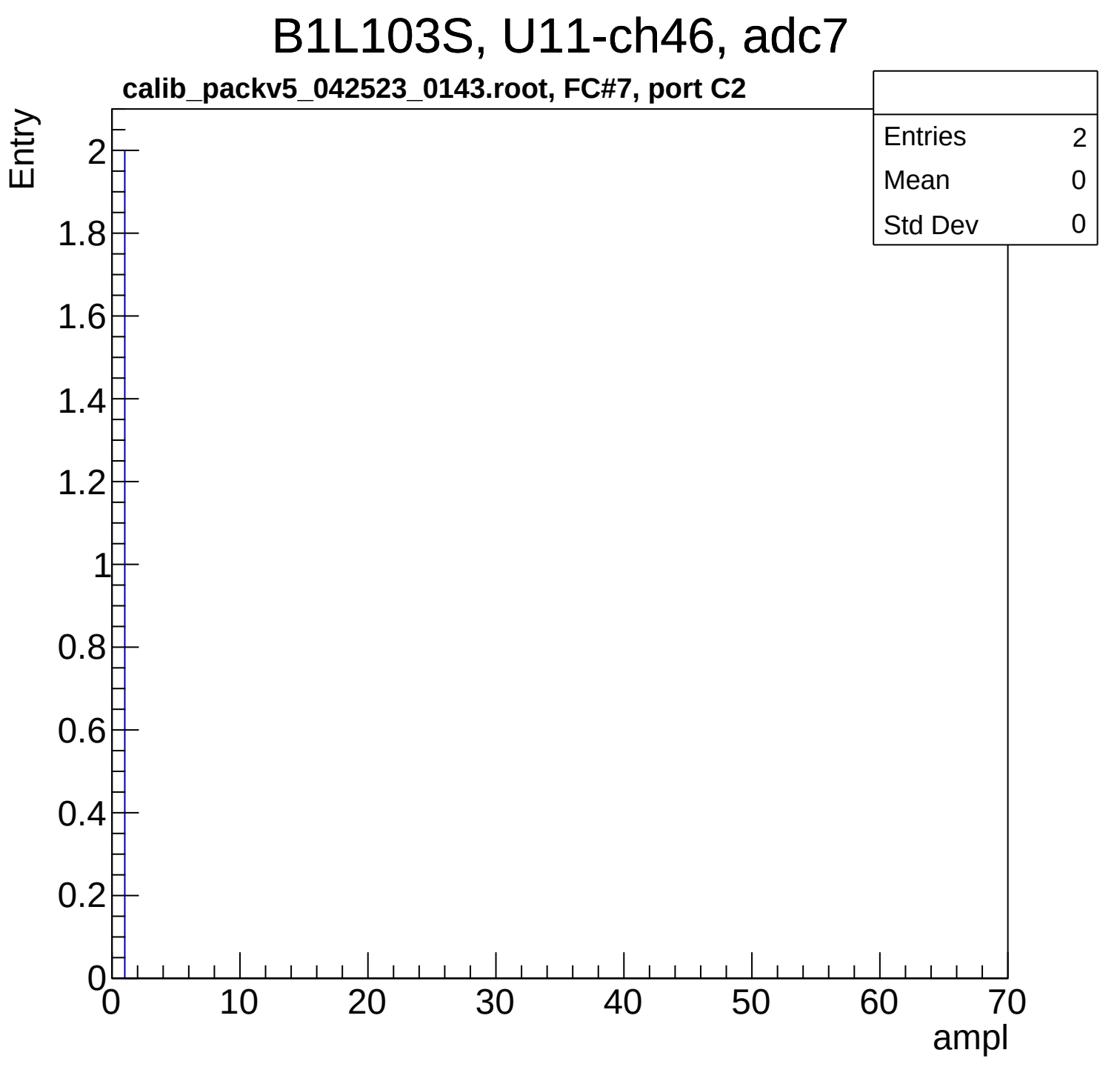
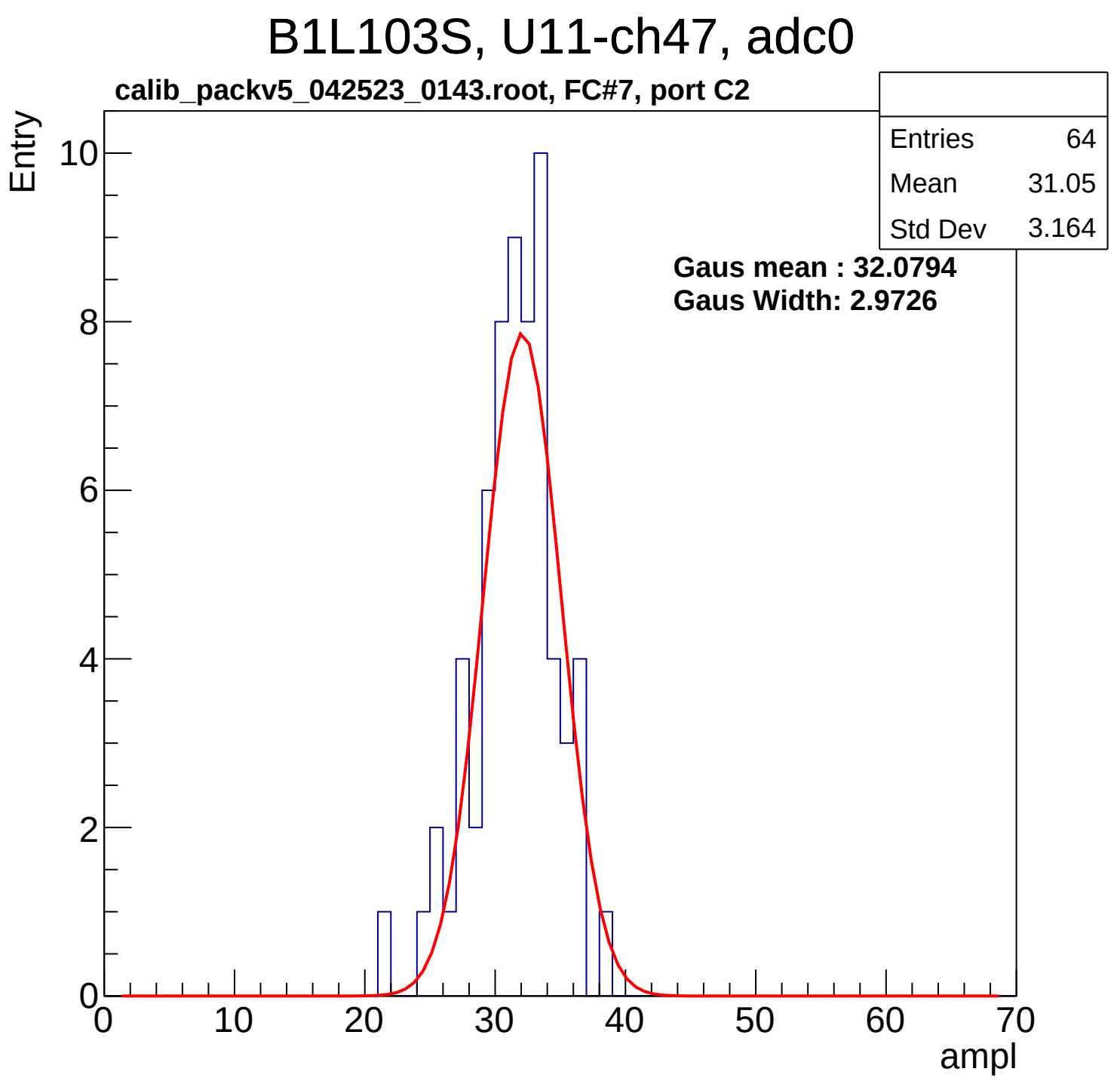
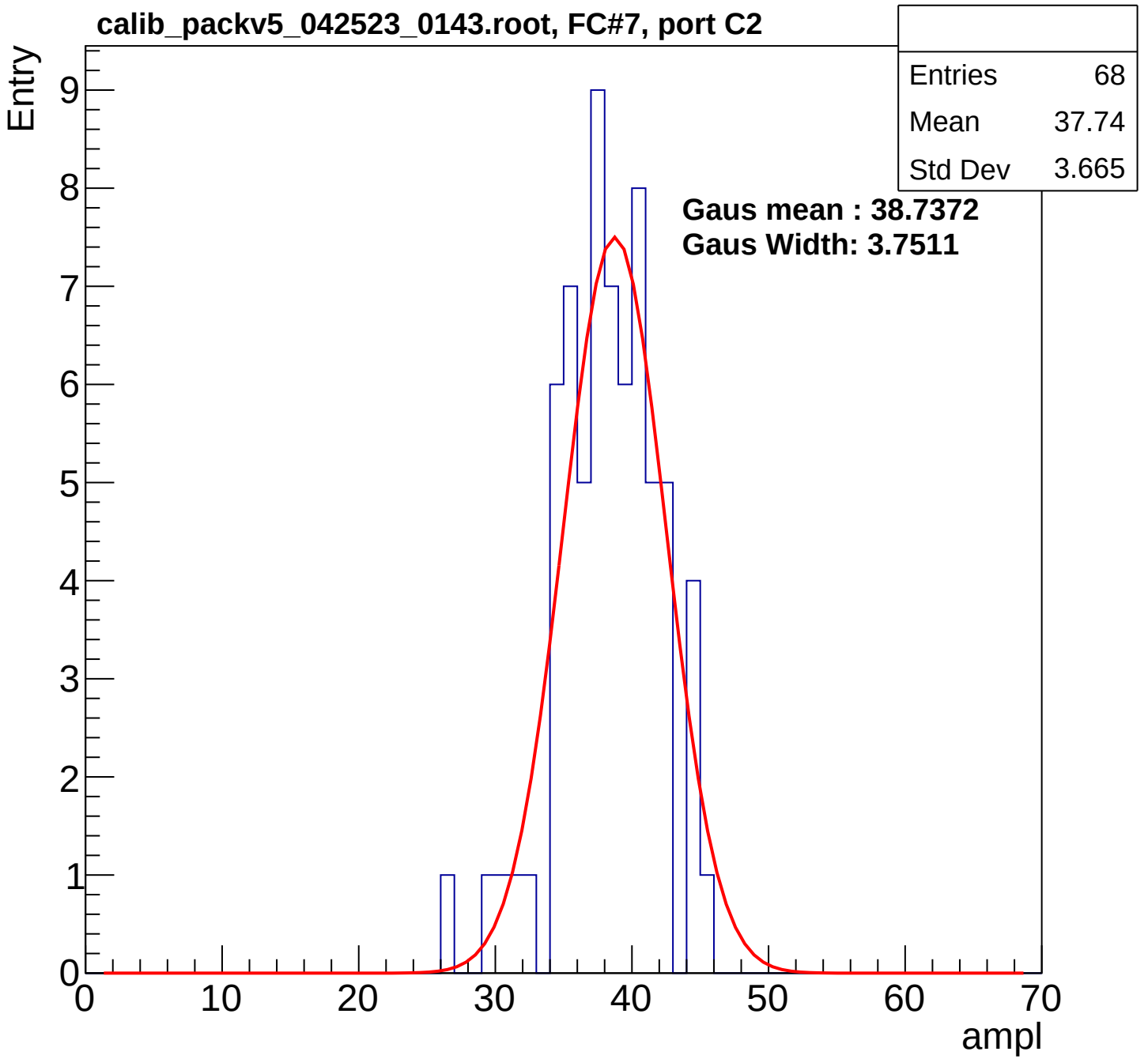

B1L103S, U11-ch46, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 43
Mean 59.44
Std Dev 2.545
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch46, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 15
Mean 57.47
Std Dev 15.39
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U11-ch46, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch47, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 31.05
Std Dev 3.164
Gaus mean : 32.0794
Gaus Width: 2.9726
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch47, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 37.74
Std Dev 3.665
Gaus mean : 38.7372
Gaus Width: 3.7511
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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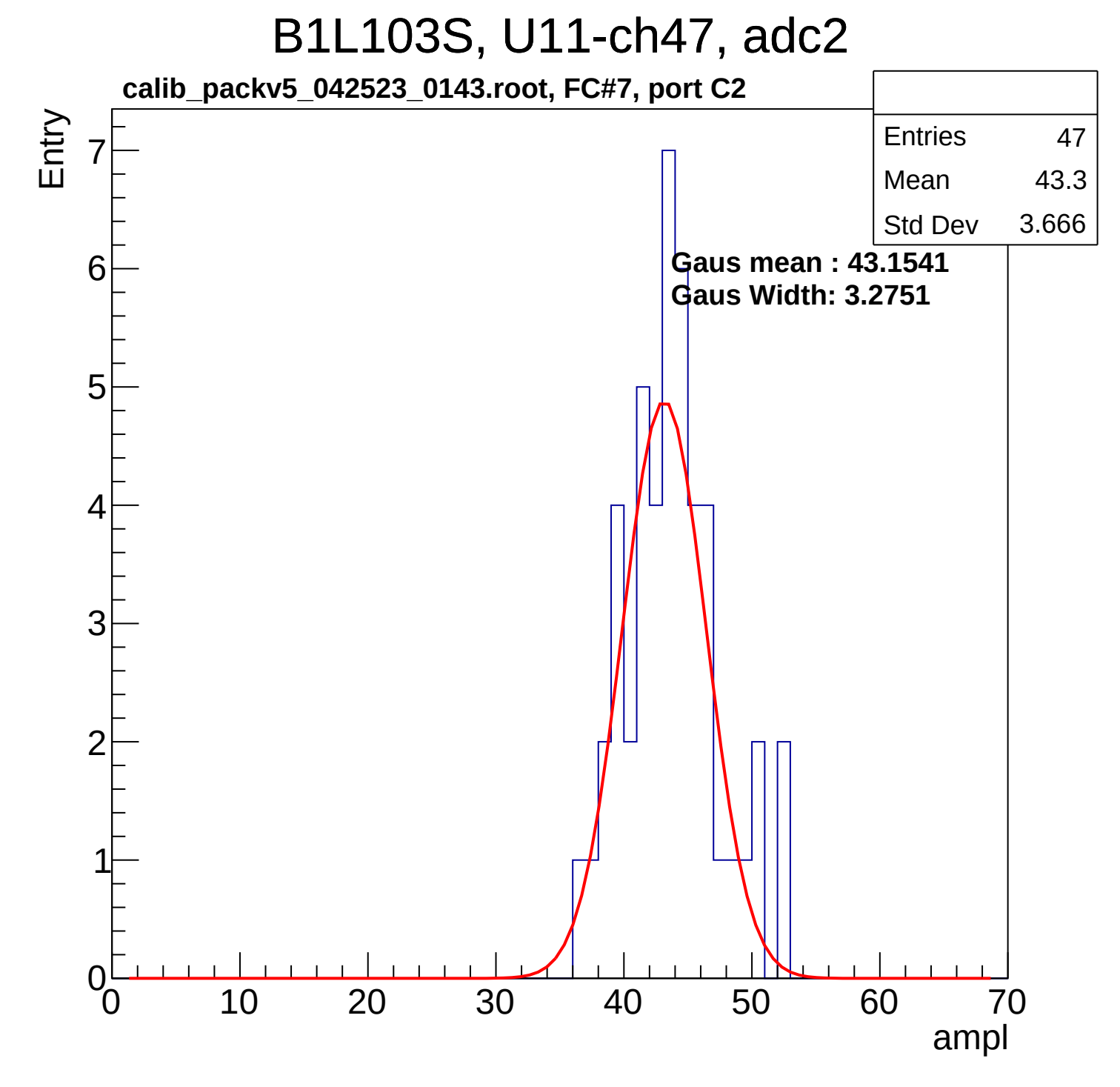
B1L103S, U11-ch47, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 47
Mean 43.3
Std Dev 3.666
Gaus mean : 43.1541
Gaus Width: 3.2751
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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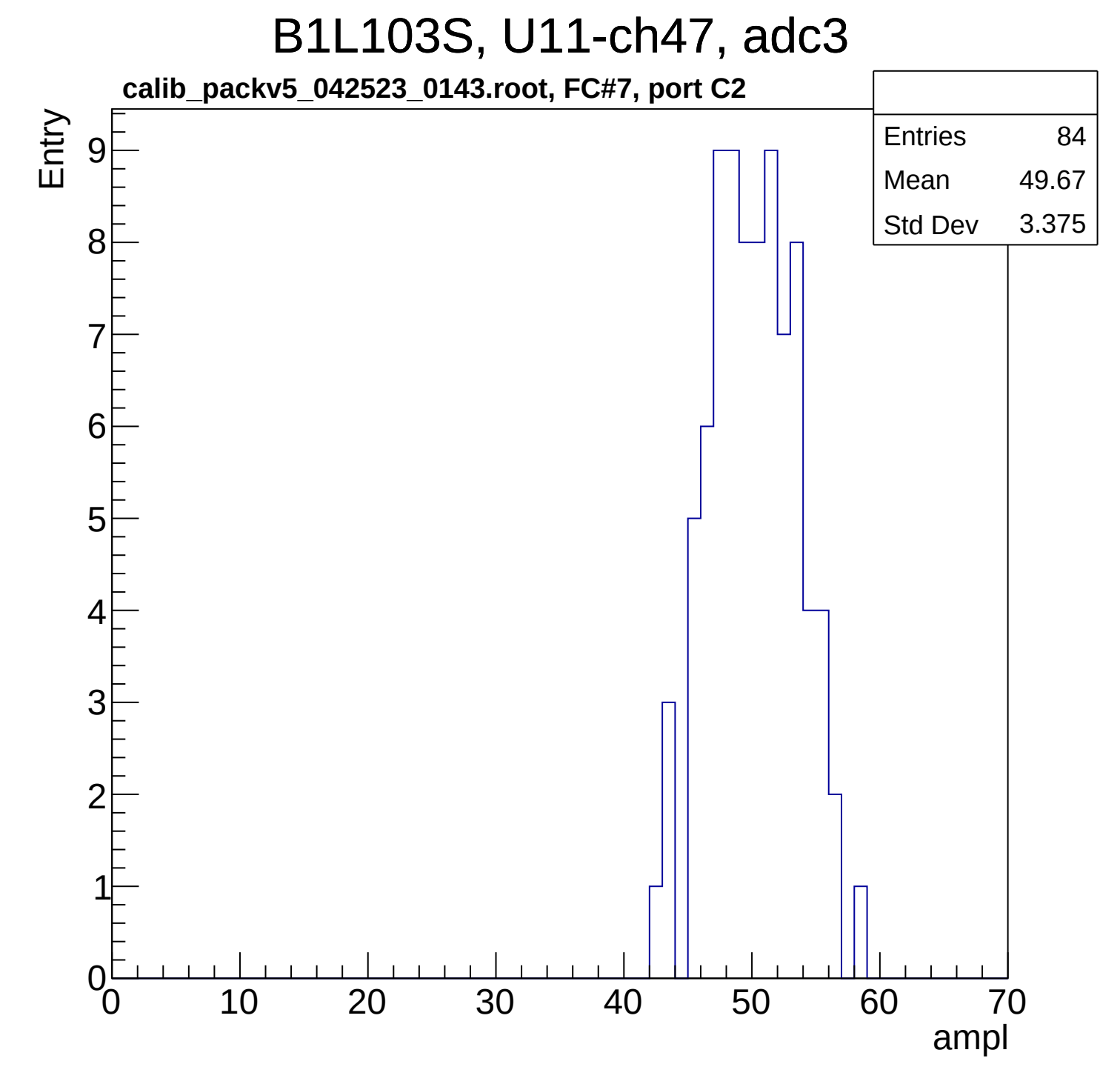
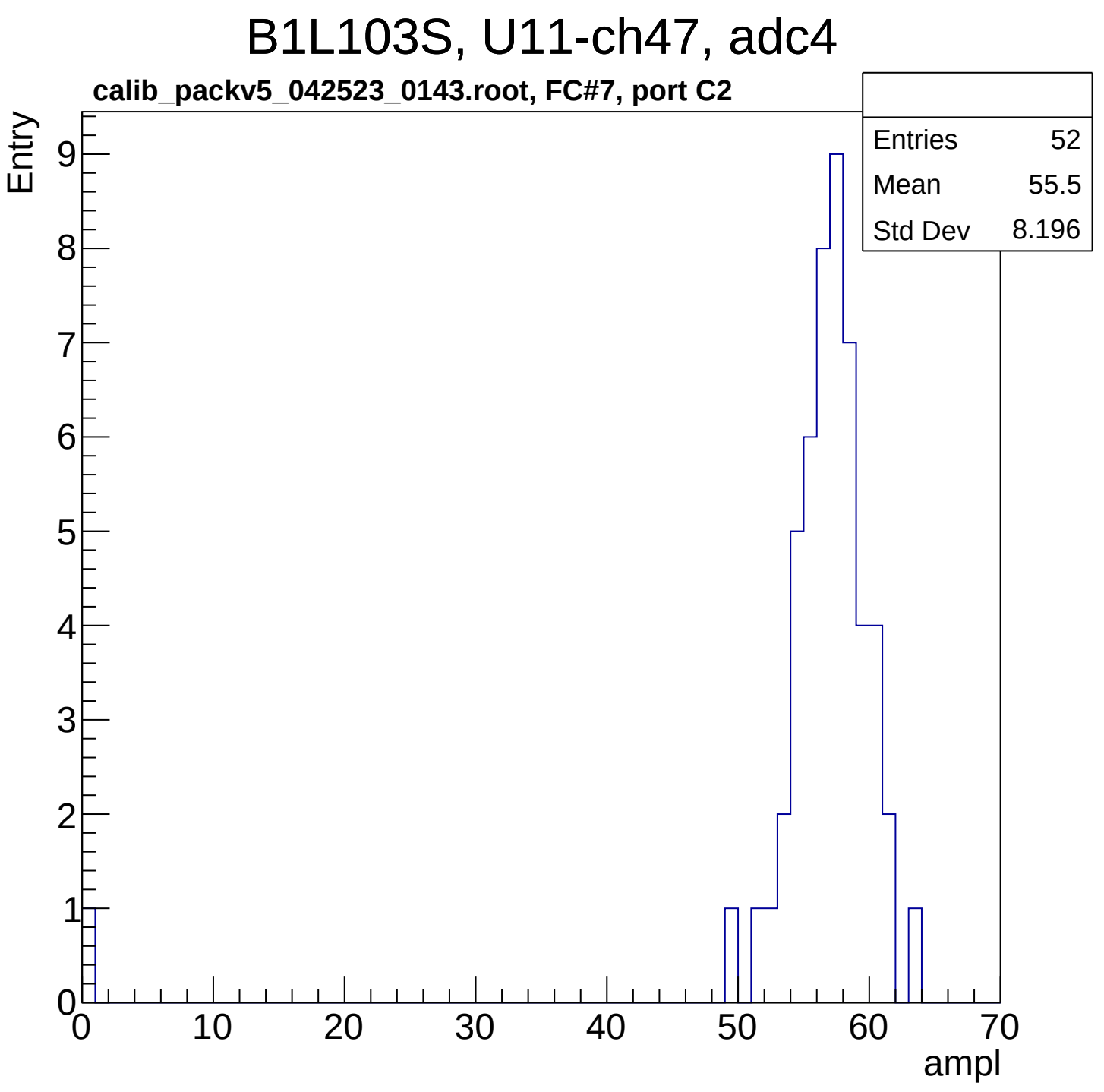
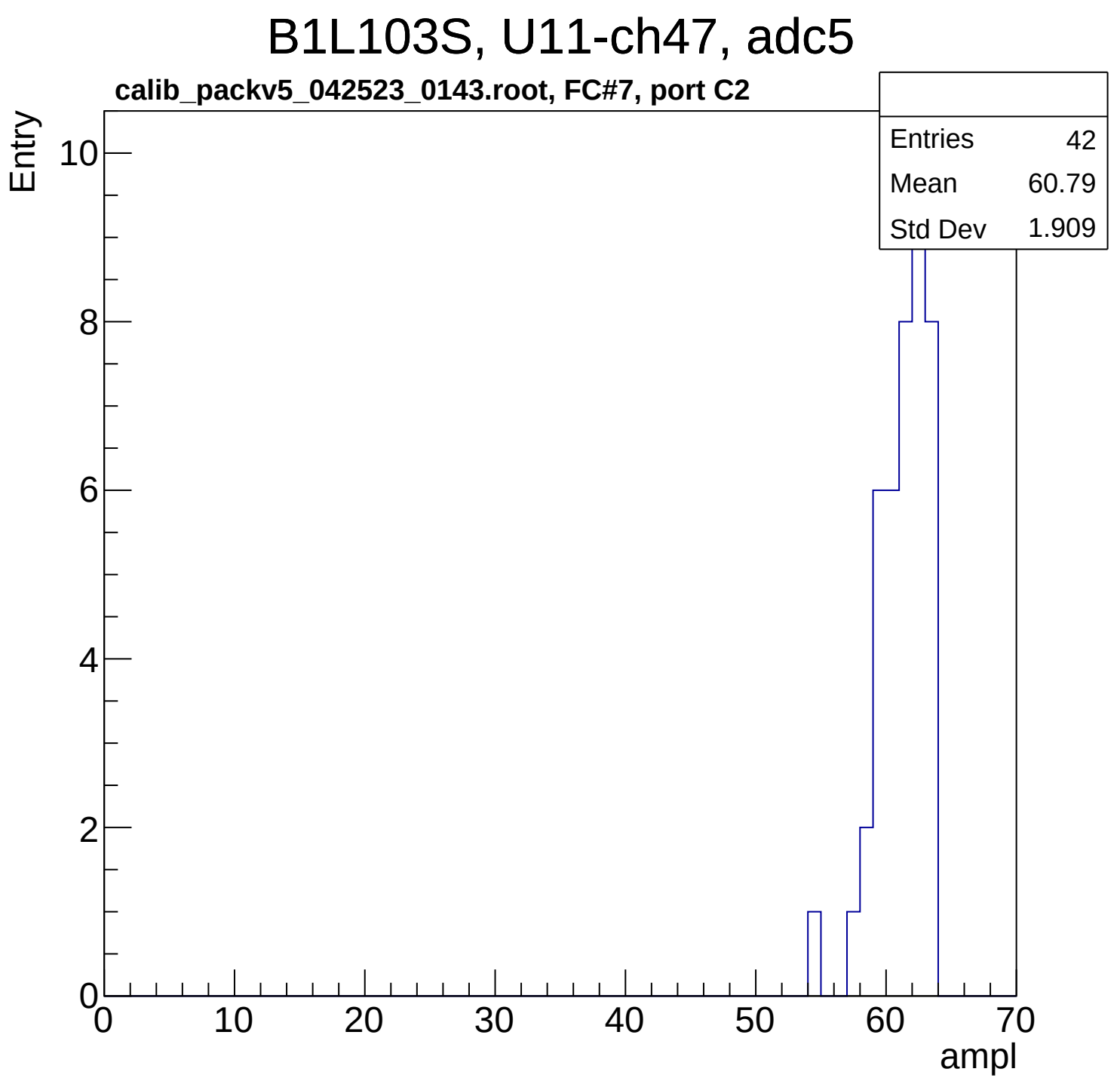
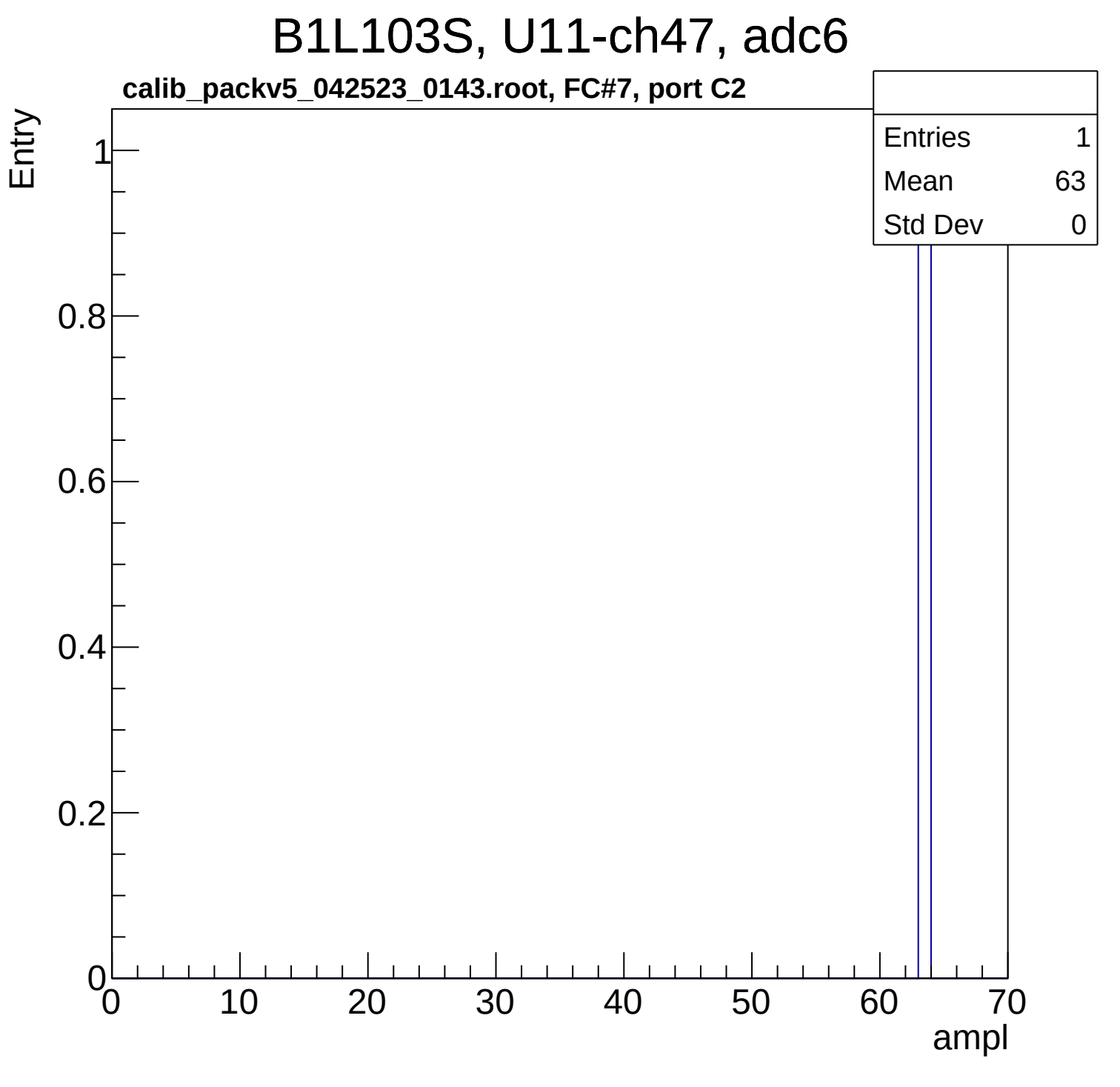
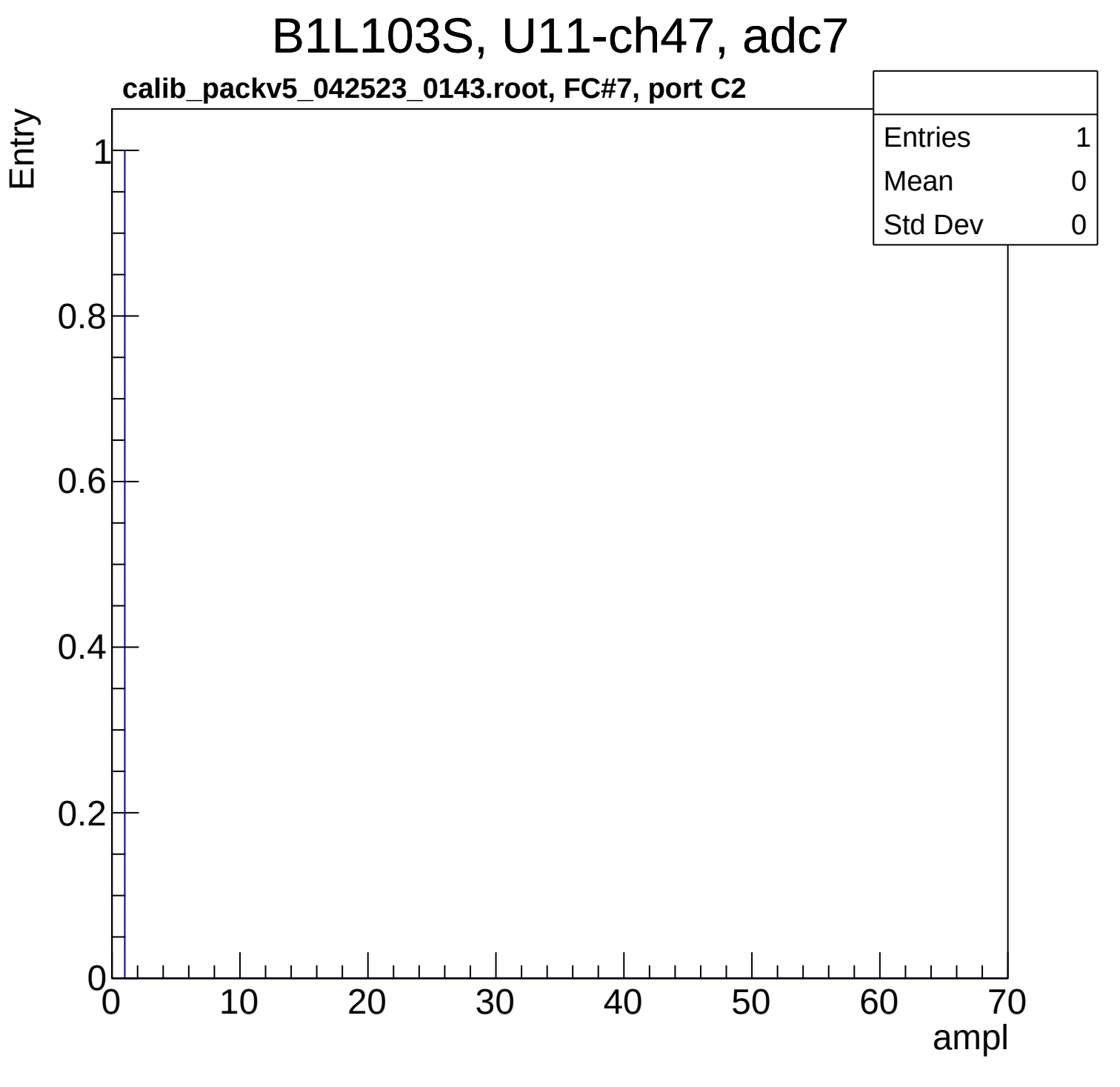
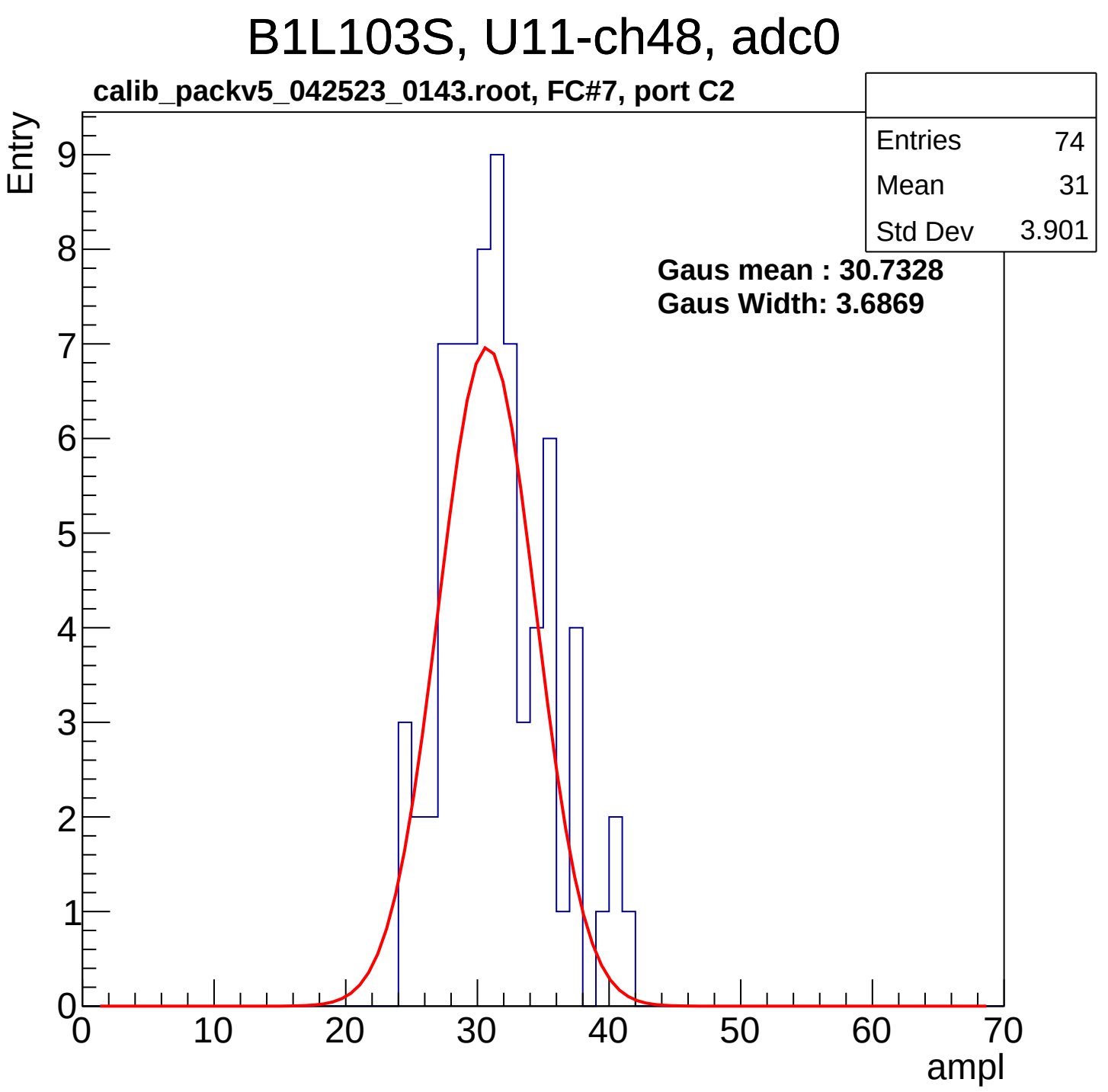

B1L103S, U11-ch47, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 84
Mean 49.67
Std Dev 3.375
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

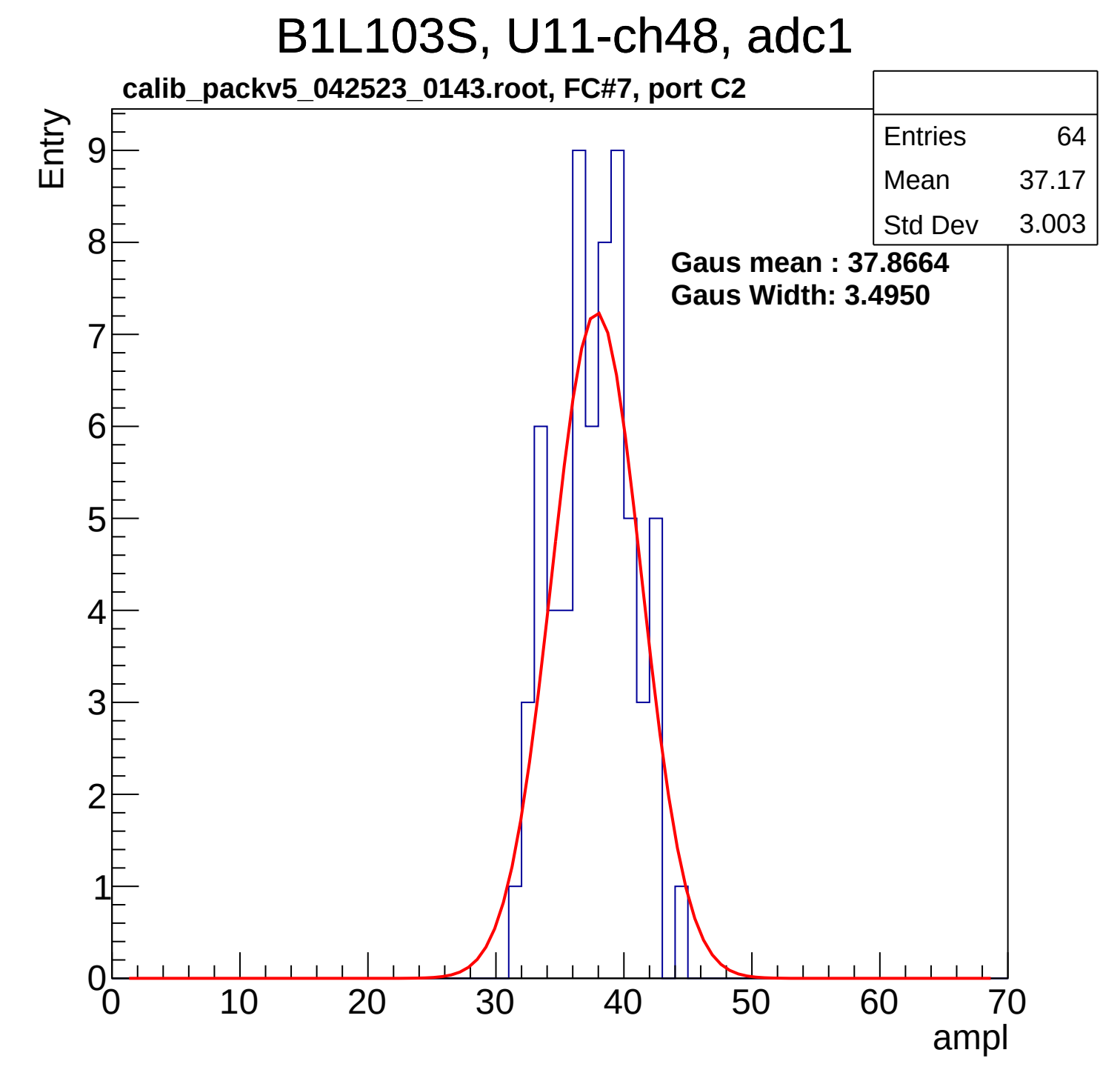

B1L103S, U11-ch47, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 52
Mean 55.5
Std Dev 8.196
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

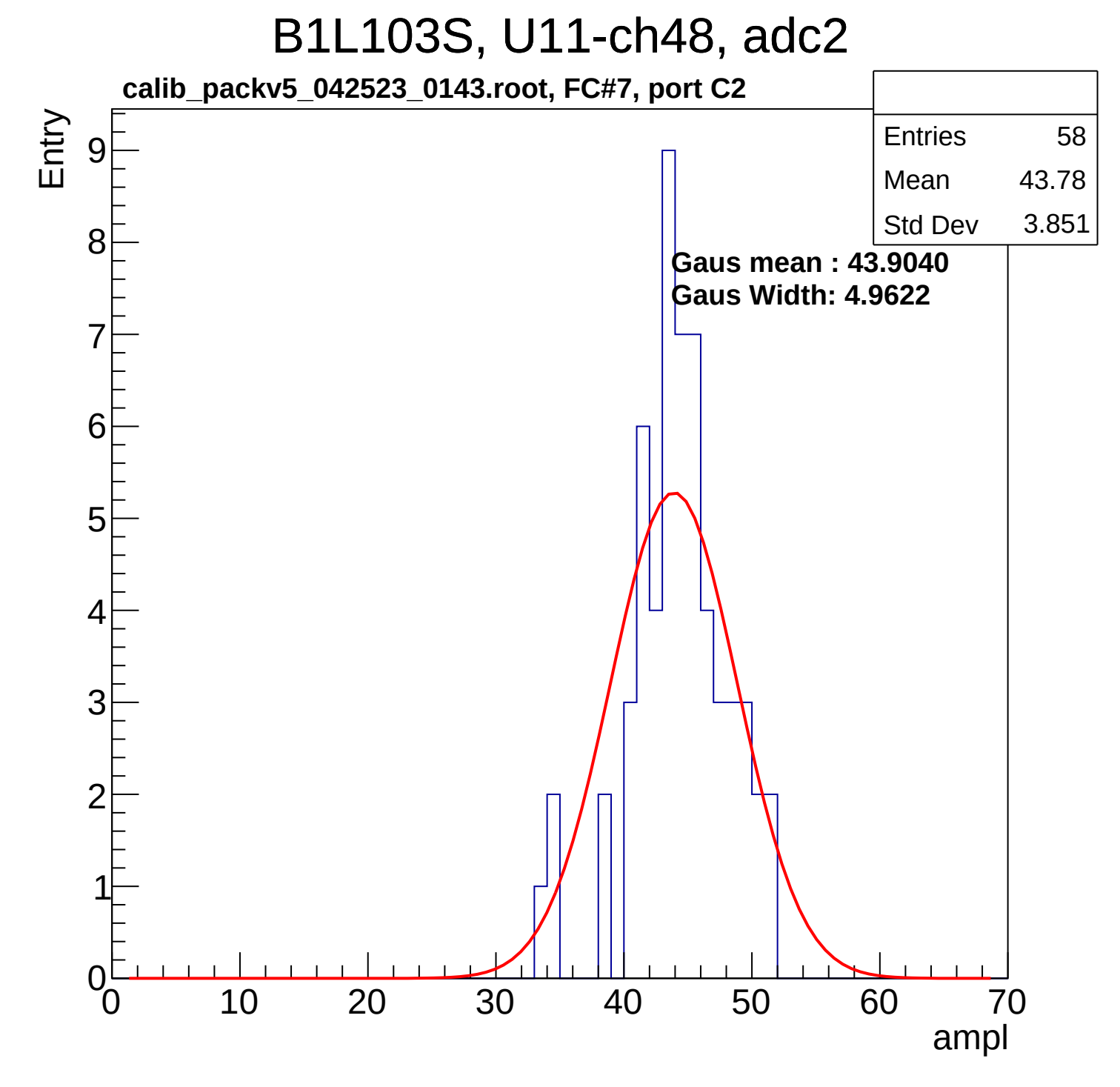

B1L103S, U11-ch47, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 42
Mean 60.79
Std Dev 1.909
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

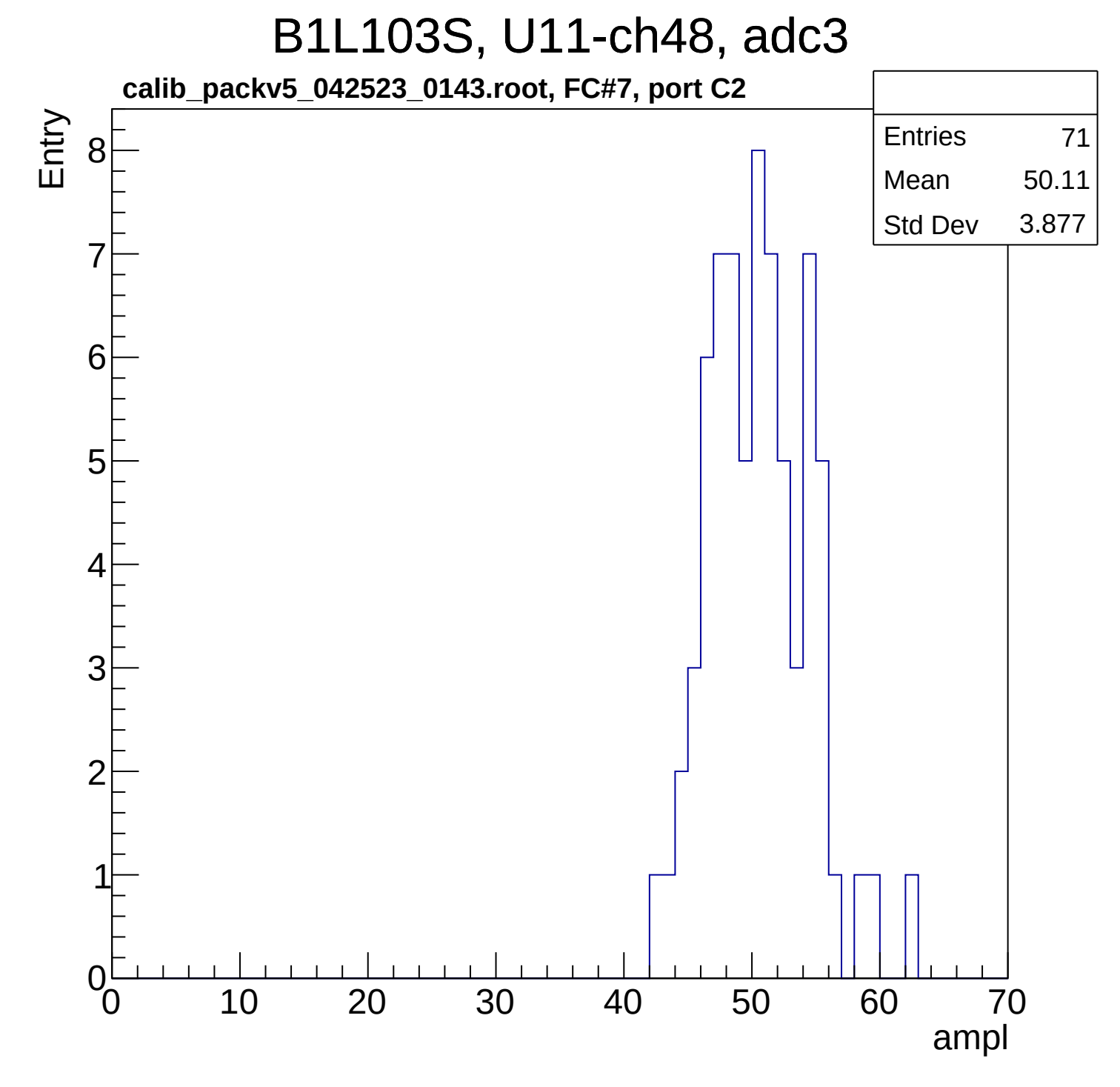

B1L103S, U11-ch47, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

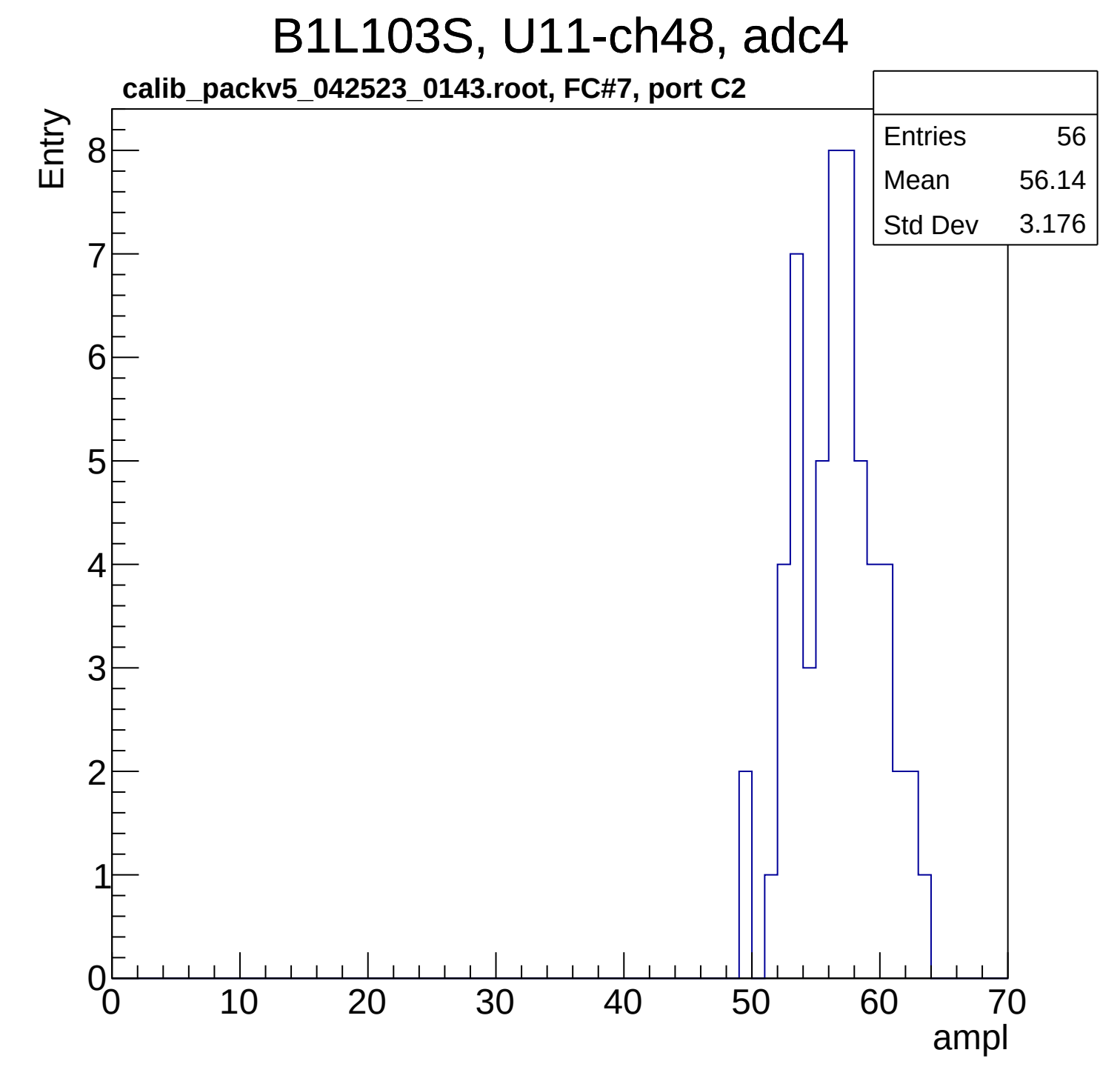

B1L103S, U11-ch47, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch48, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 31
Std Dev 3.901
Gaus mean : 30.7328
Gaus Width: 3.6869
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch48, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 37.17
Std Dev 3.003
Gaus mean : 37.8664
Gaus Width: 3.4950
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch48, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 43.78
Std Dev 3.851
Gaus mean : 43.9040
Gaus Width: 4.9622
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L103S, U11-ch48, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 50.11
Std Dev 3.877
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch48, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 56.14
Std Dev 3.176
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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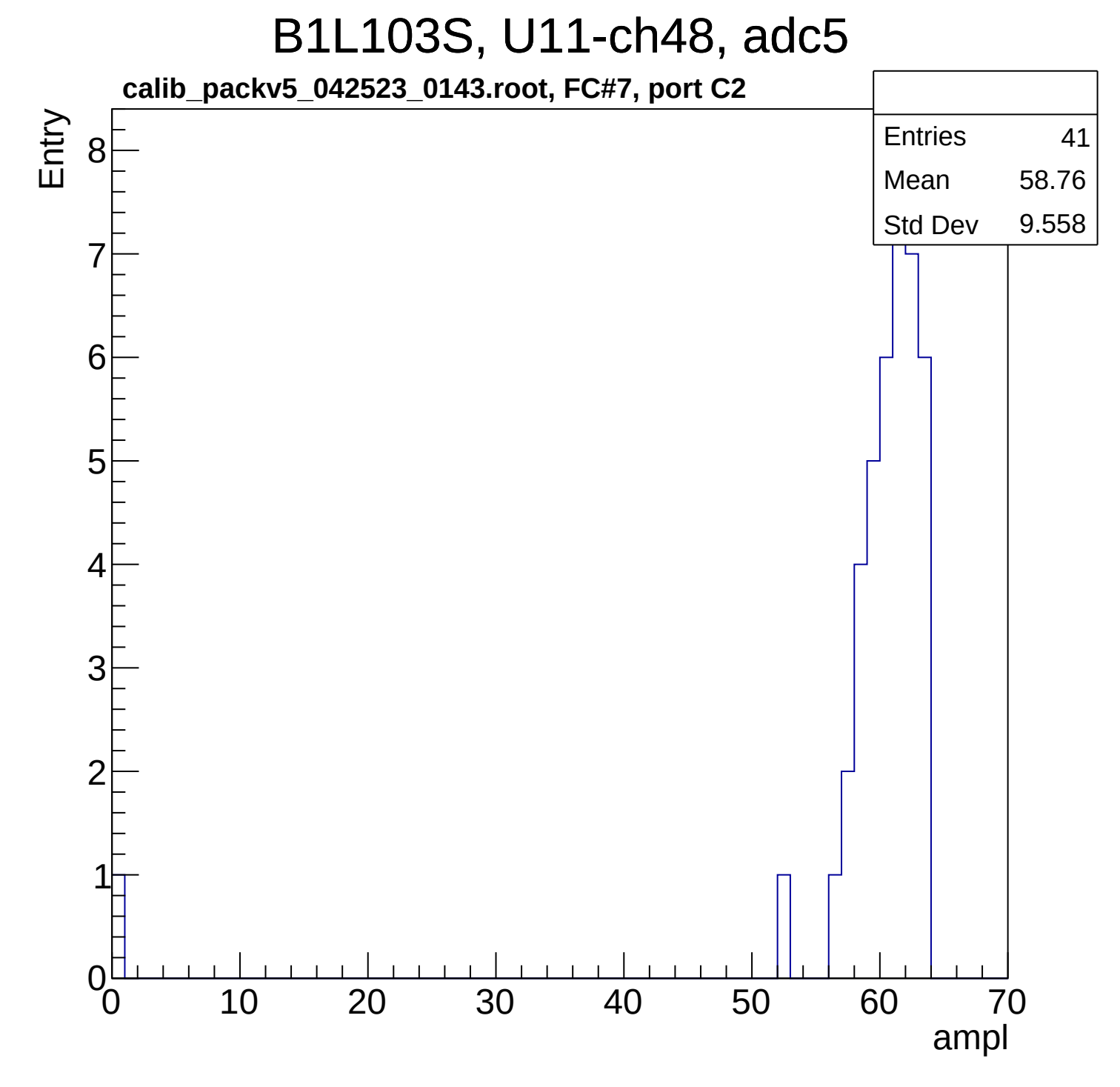
B1L103S, U11-ch48, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 41
Mean 58.76
Std Dev 9.558
Entry
ampl
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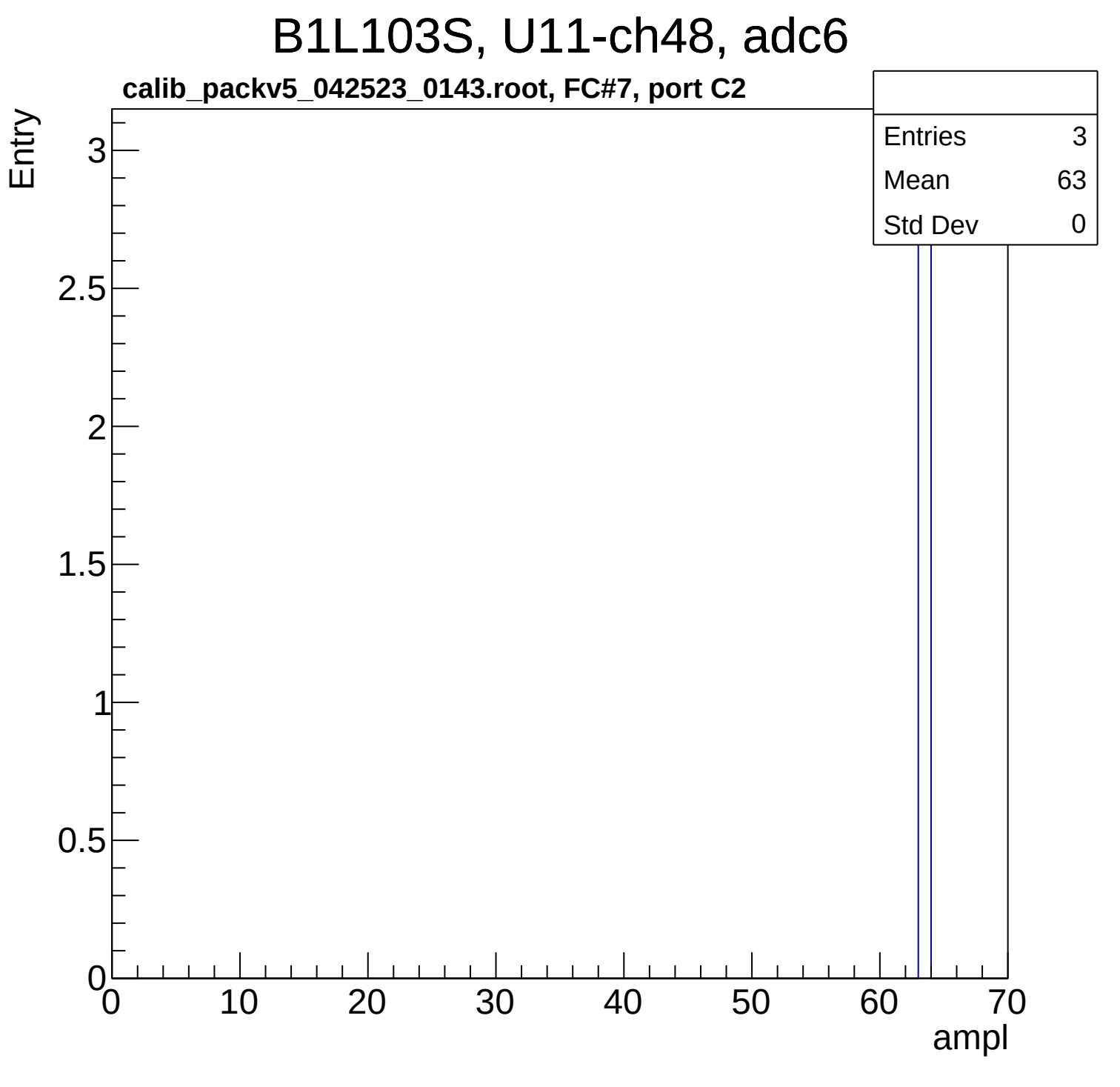
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch48, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 63
Std Dev 0
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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60
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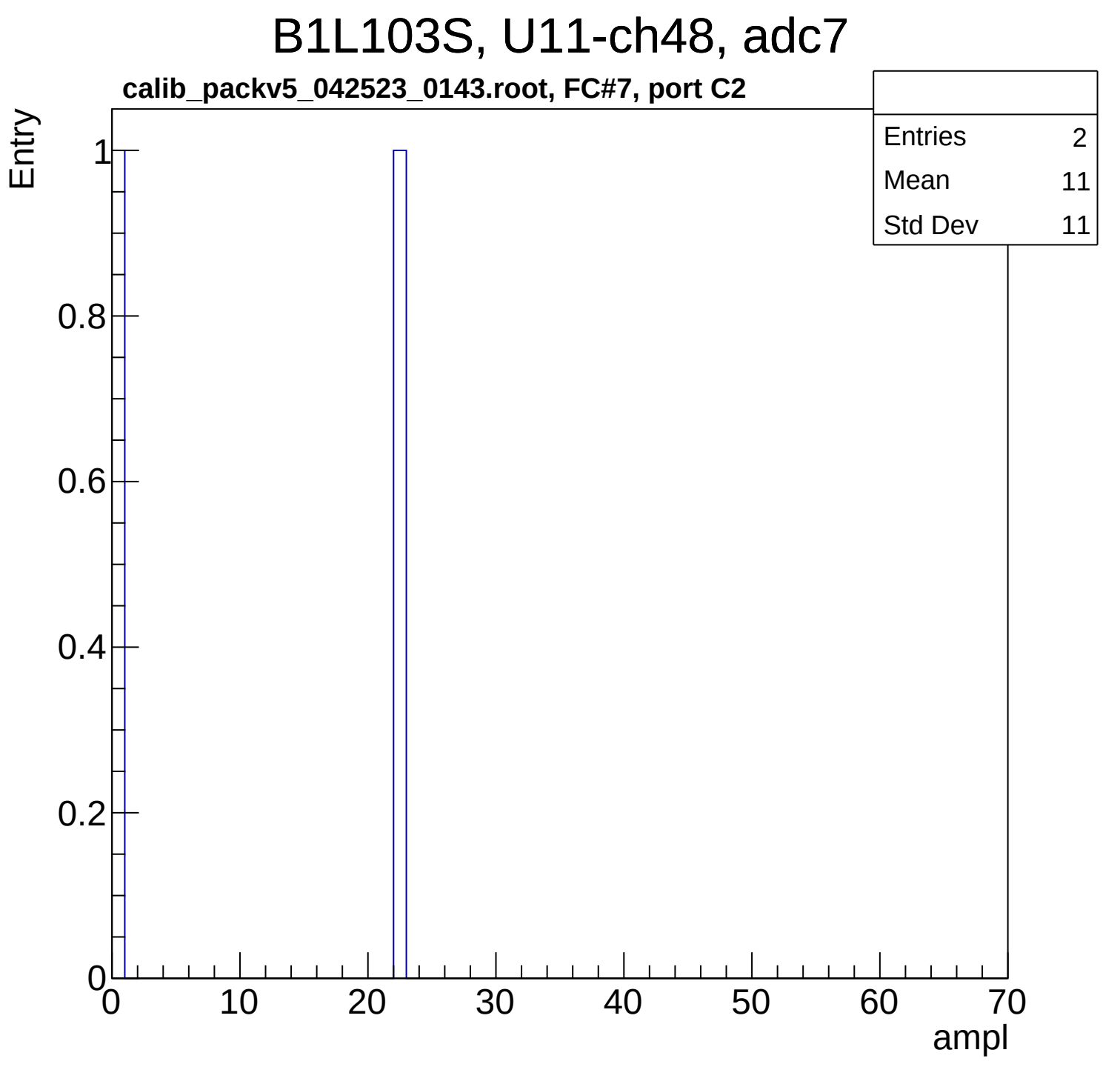
B1L103S, U11-ch48, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 11
Std Dev 11
Entry
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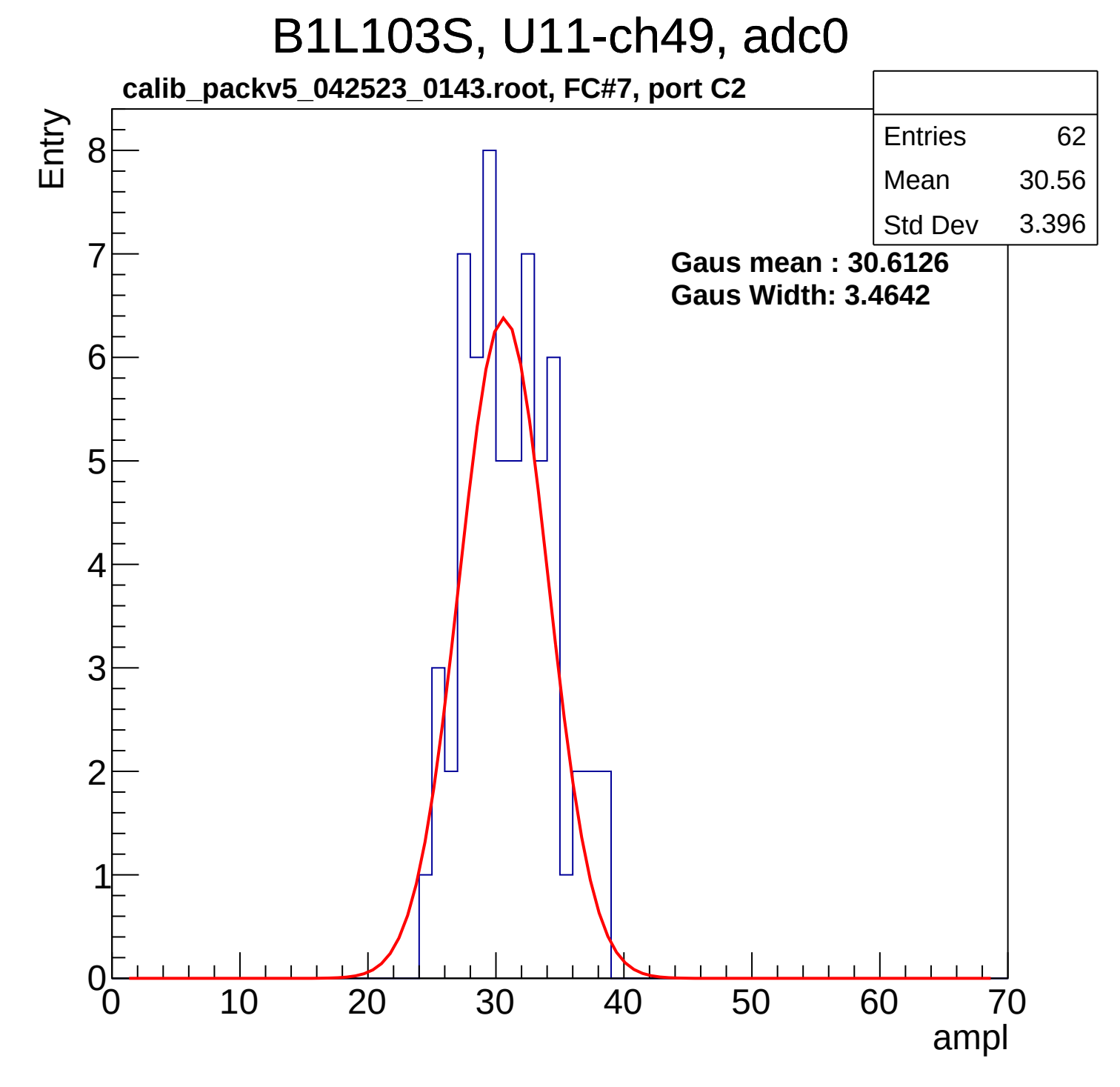
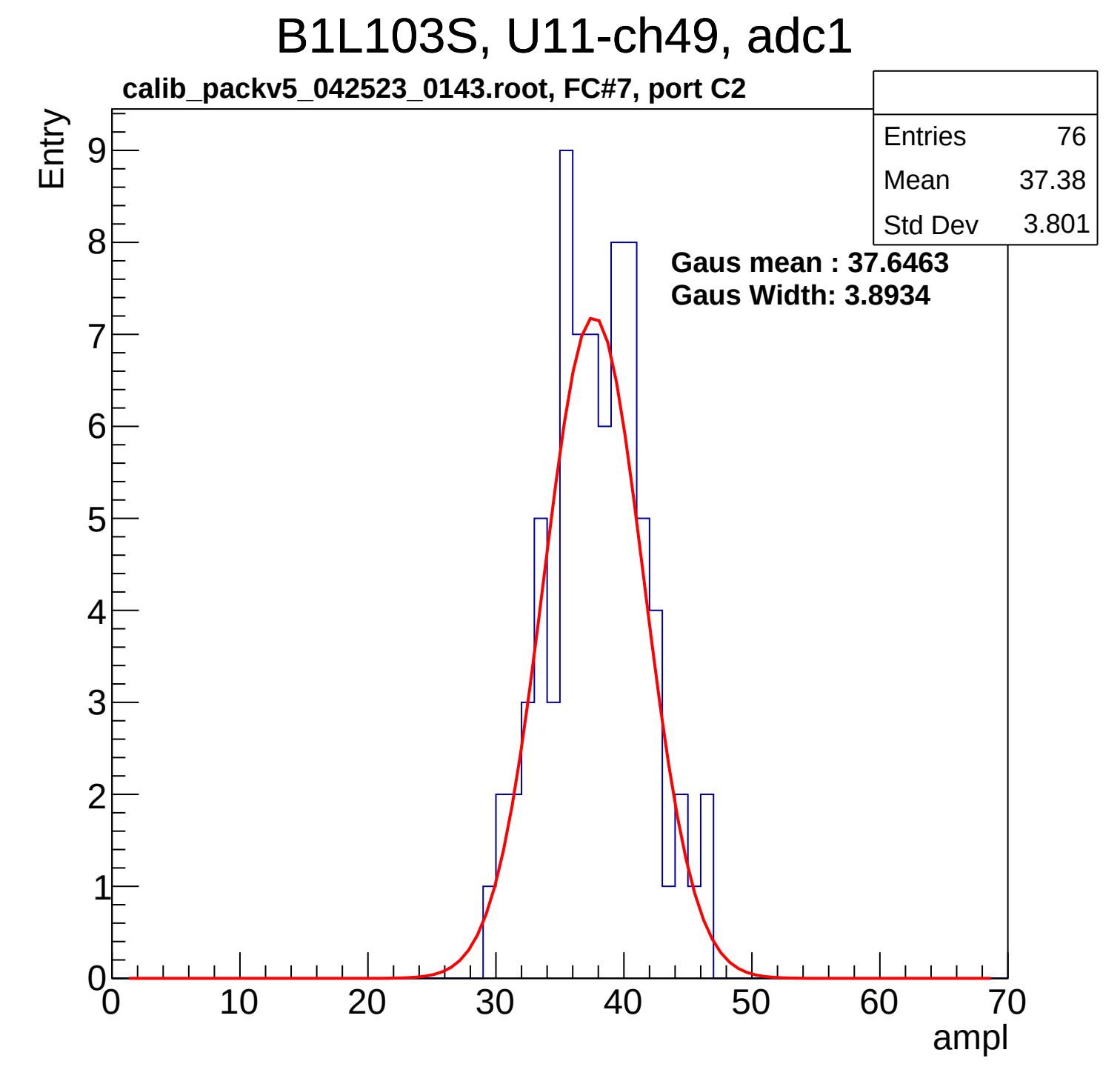
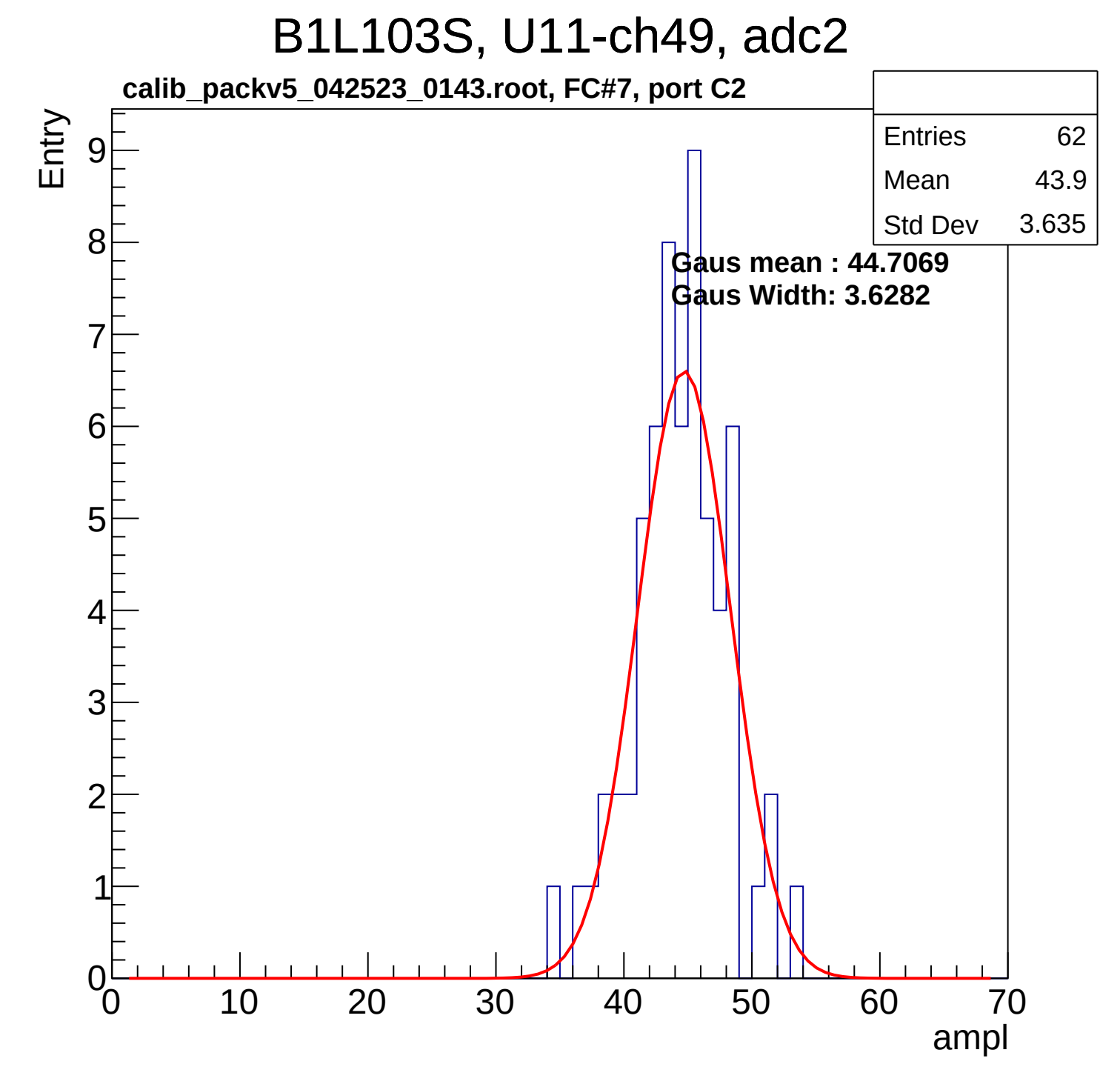
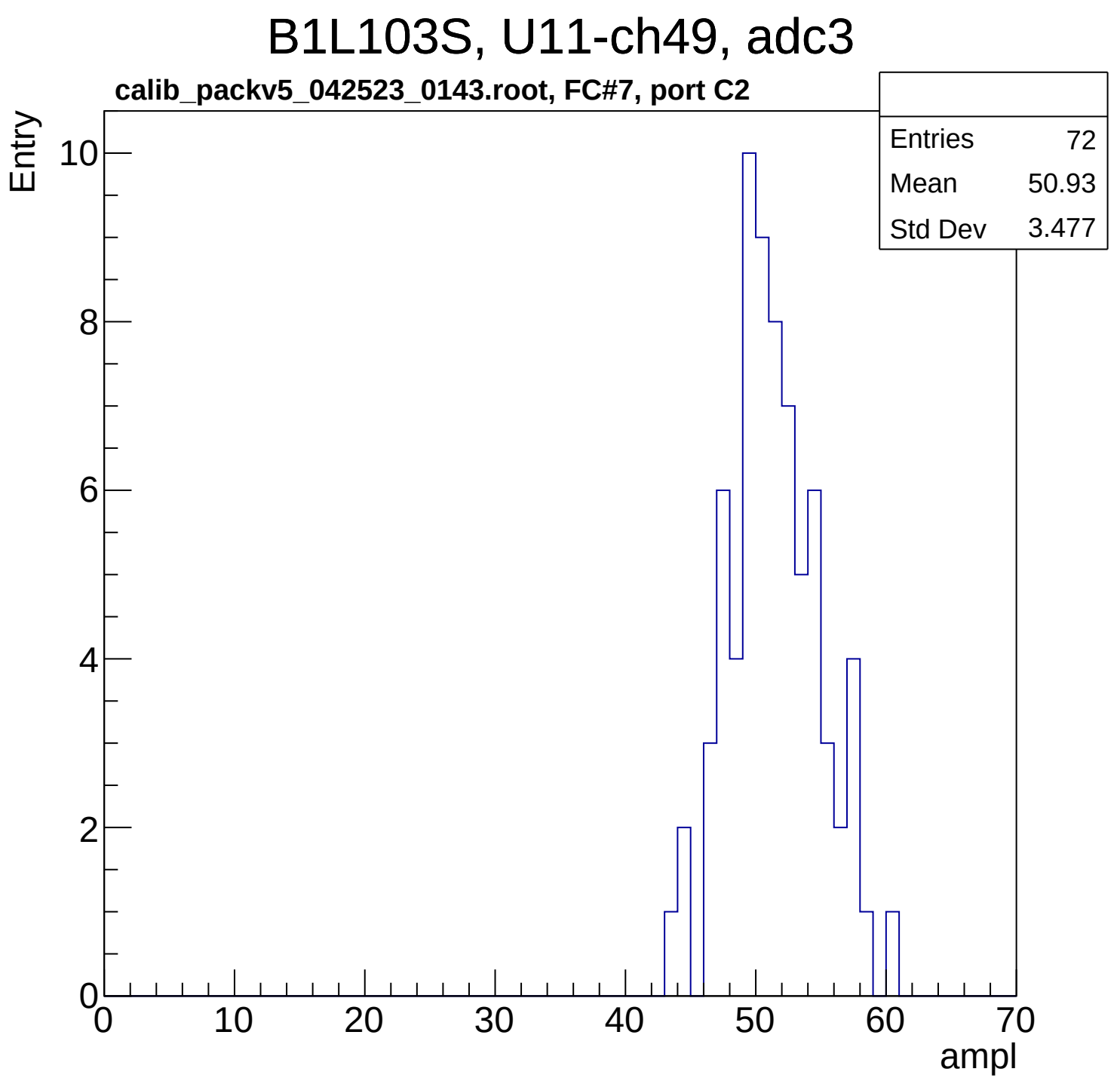
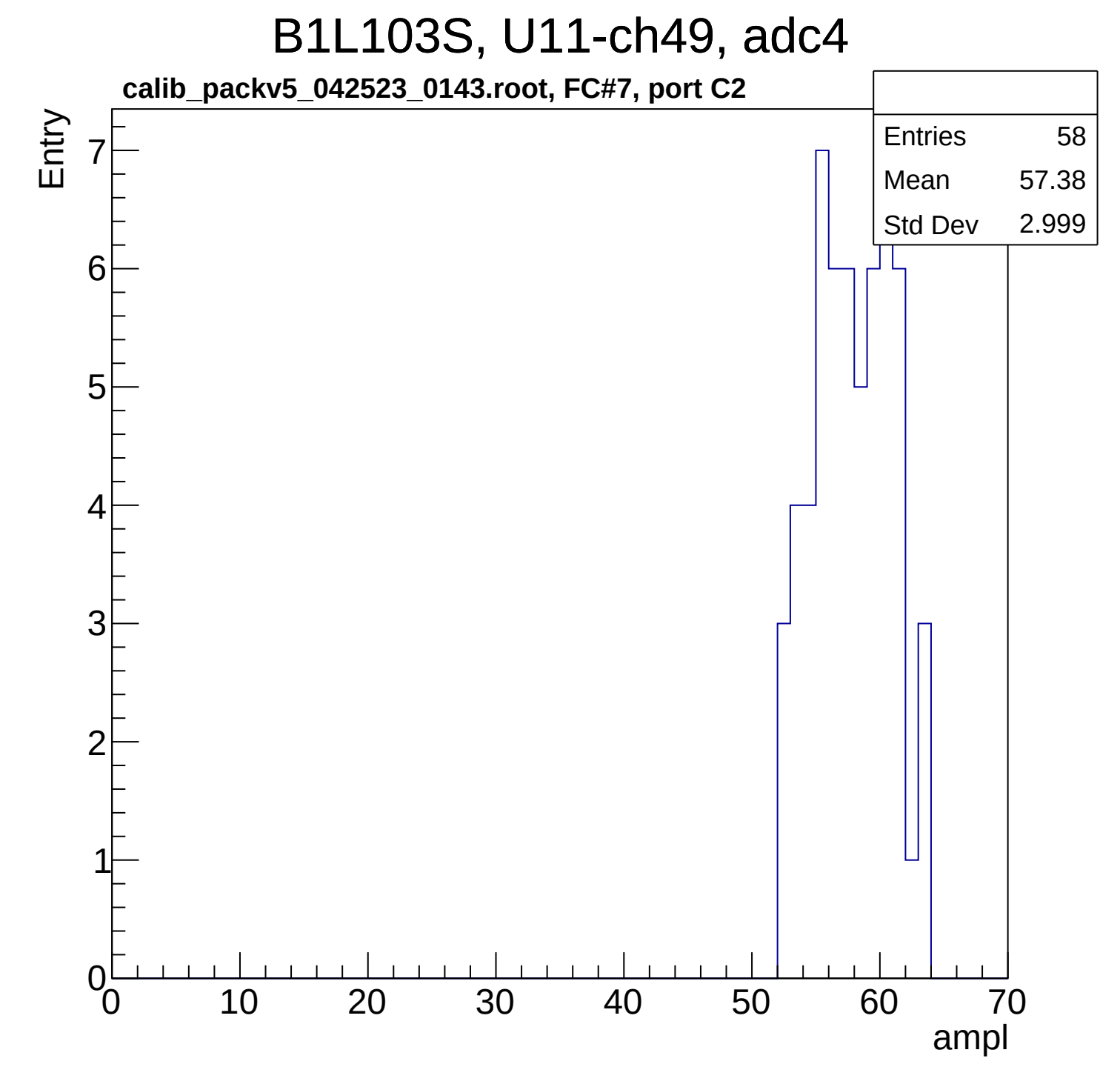
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch49, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 30.56
Std Dev 3.396
Gaus mean : 30.6126
Gaus Width: 3.4642
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch49, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 37.38
Std Dev 3.801
Gaus mean : 37.6463
Gaus Width: 3.8934
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch49, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 43.9
Std Dev 3.635
Gaus mean : 44.7069
Gaus Width: 3.6282
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch49, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 50.93
Std Dev 3.477
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch49, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 57.38
Std Dev 2.999
Entry
ampl
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1
2
3
4
5
6
7
0
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20
30
40
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60
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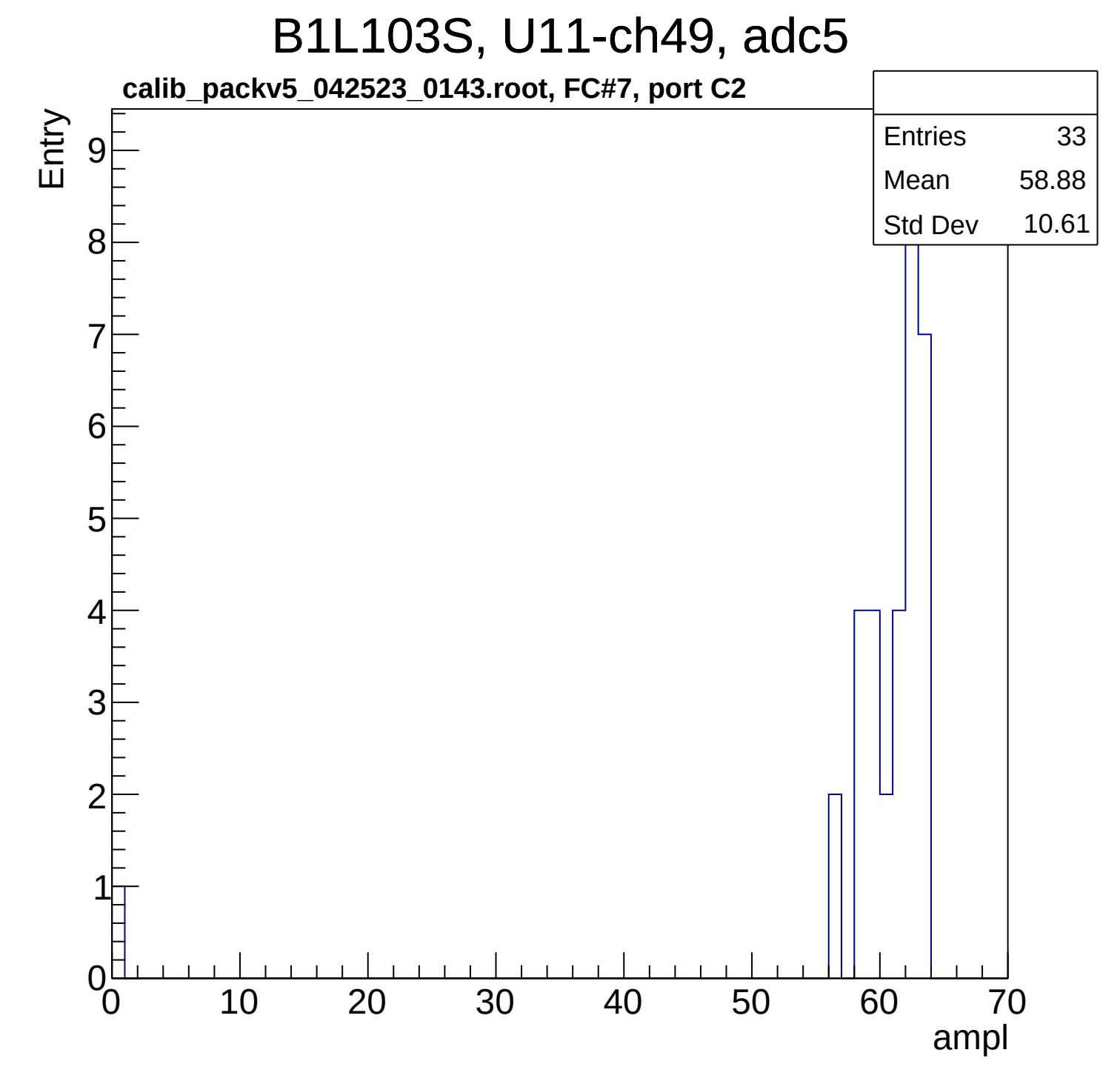
B1L103S, U11-ch49, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 33
Mean 58.88
Std Dev 10.61
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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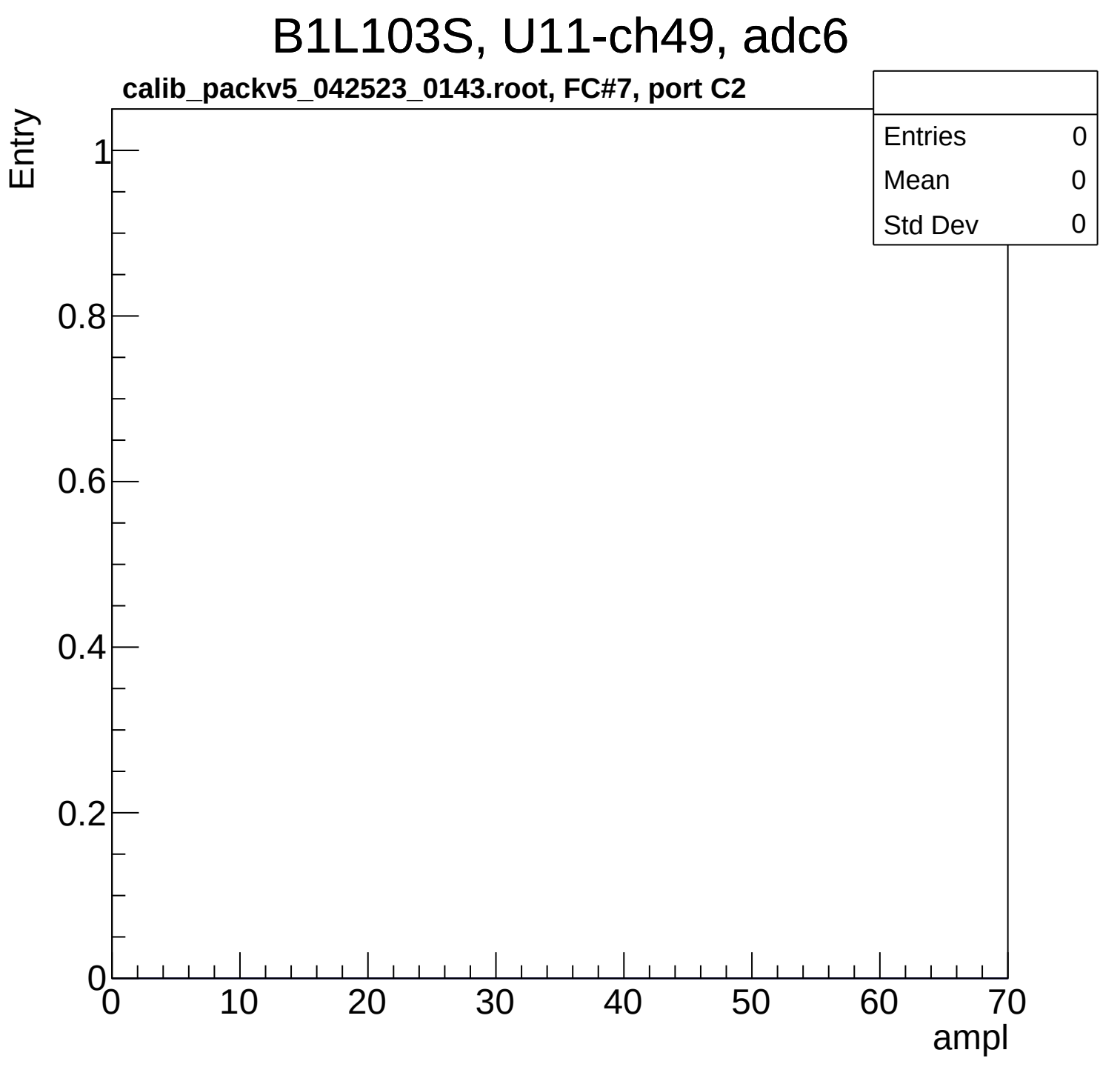
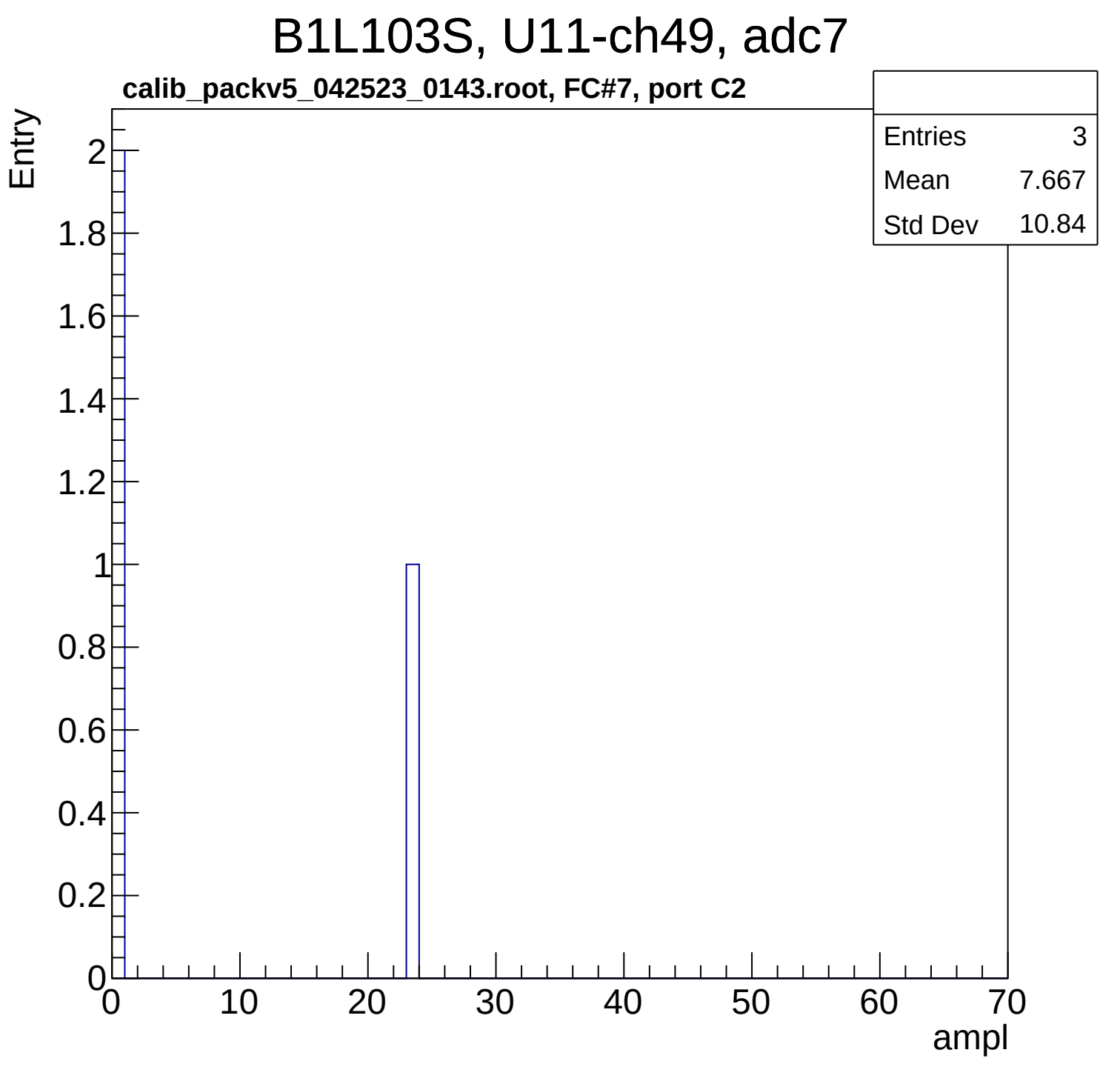

B1L103S, U11-ch49, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch49, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 7.667
Std Dev 10.84
Entry
ampl
0
0.2
0.4
0.6
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1.2
1.4
1.6
1.8
2
0
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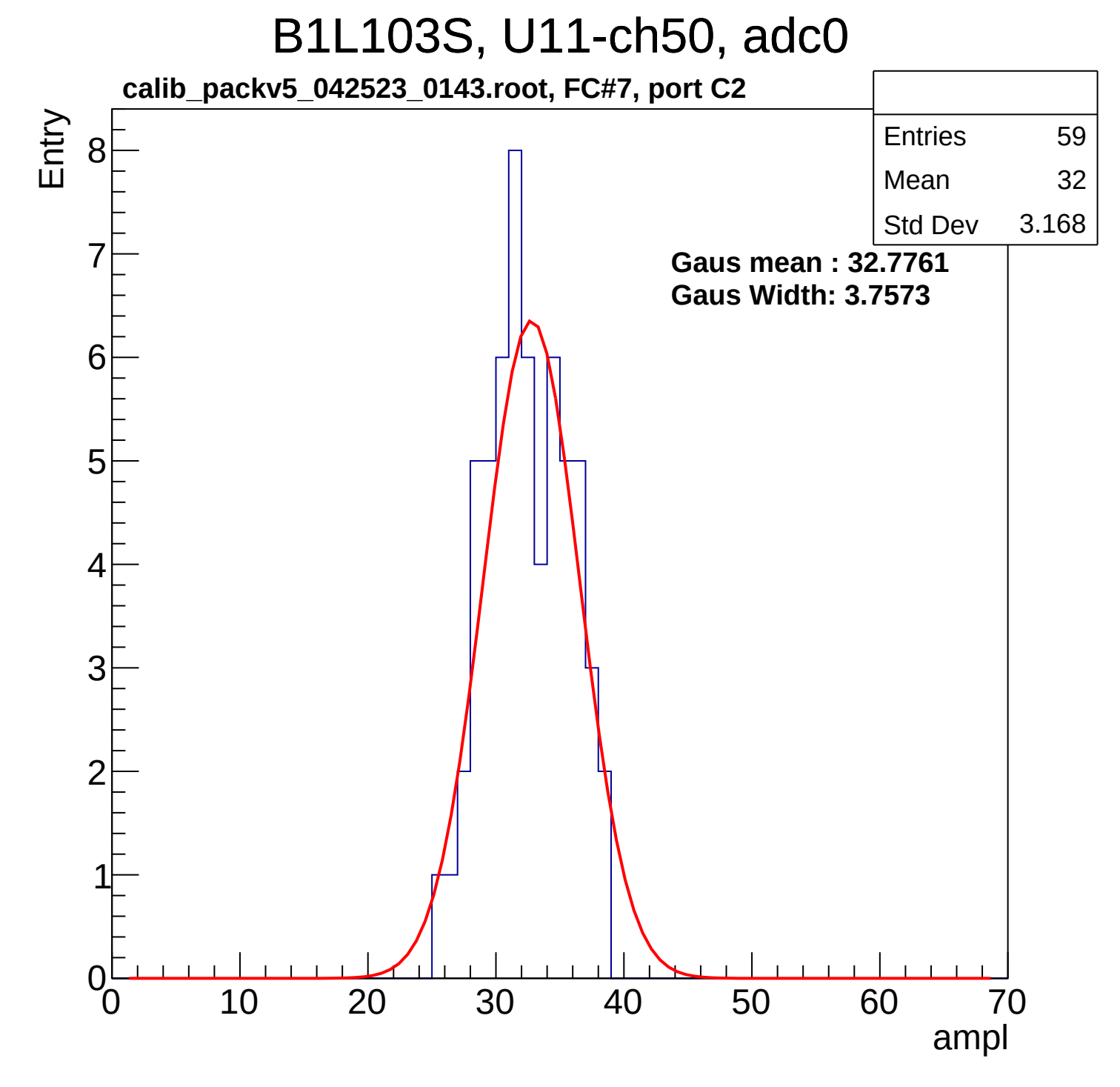
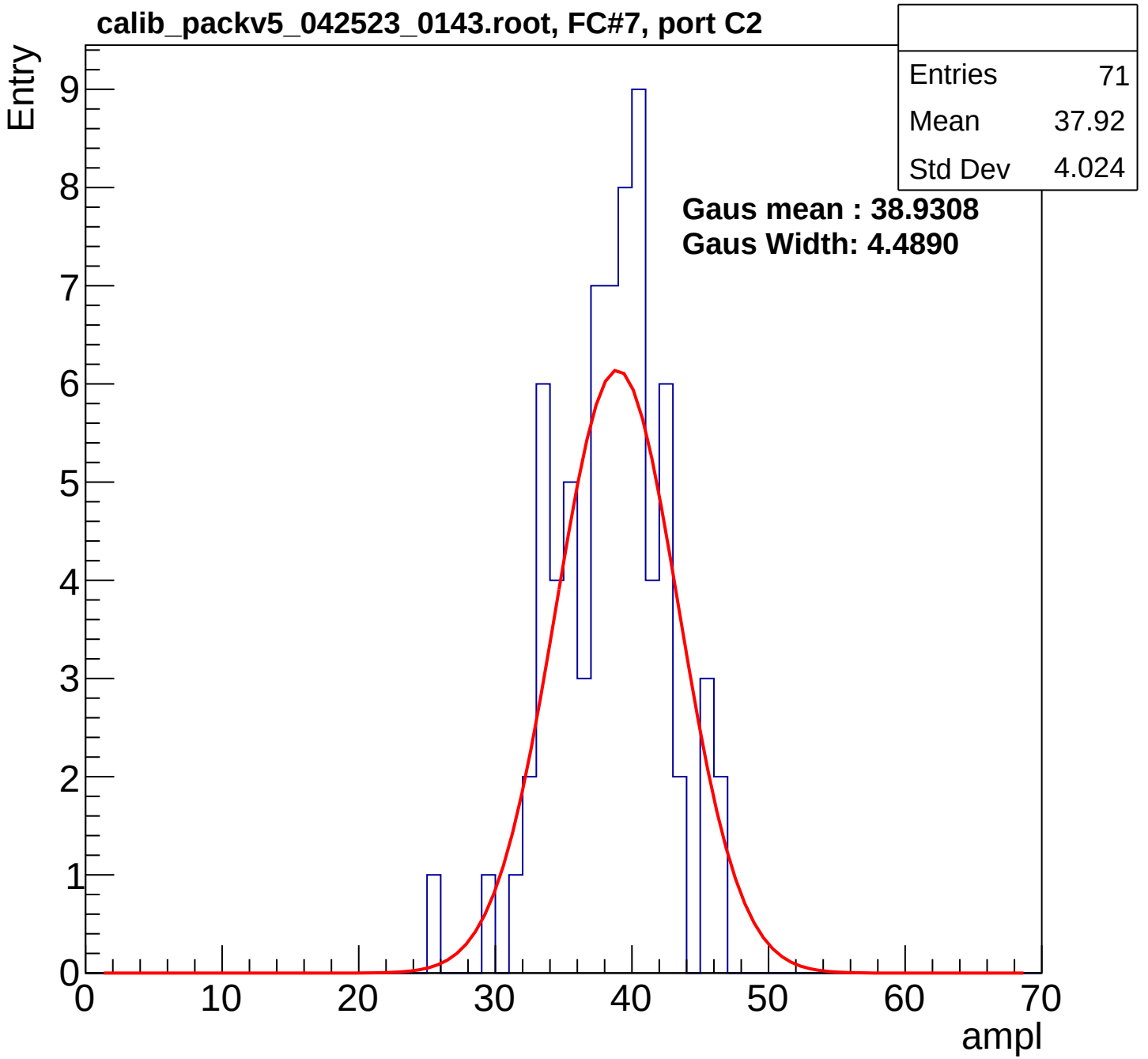
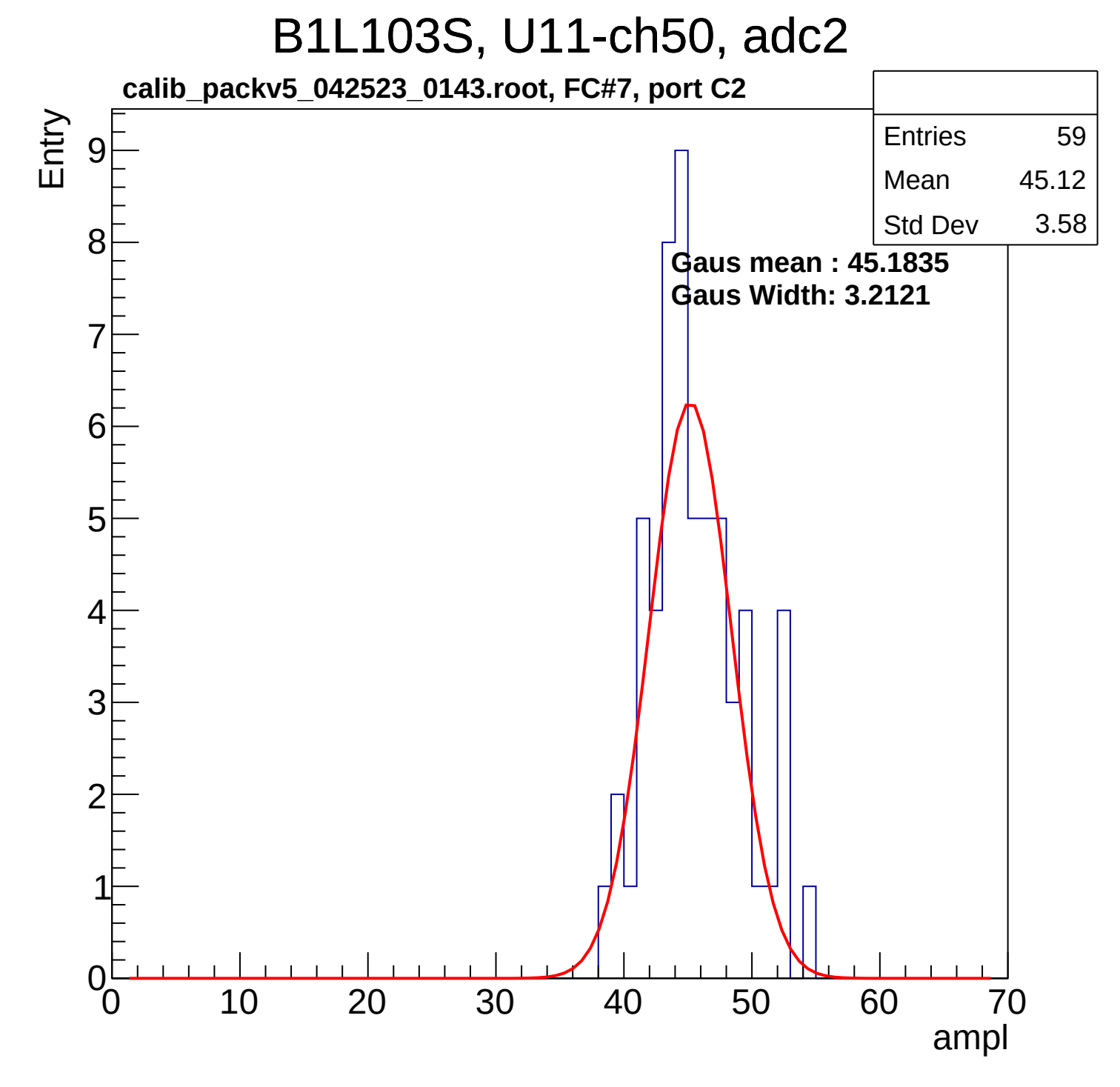

B1L103S, U11-ch50, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 32
Std Dev 3.168
Gaus mean : 32.7761
Gaus Width: 3.7573
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch50, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 37.92
Std Dev 4.024
Gaus mean : 38.9308
Gaus Width: 4.4890
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch50, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 45.12
Std Dev 3.58
Gaus mean : 45.1835
Gaus Width: 3.2121
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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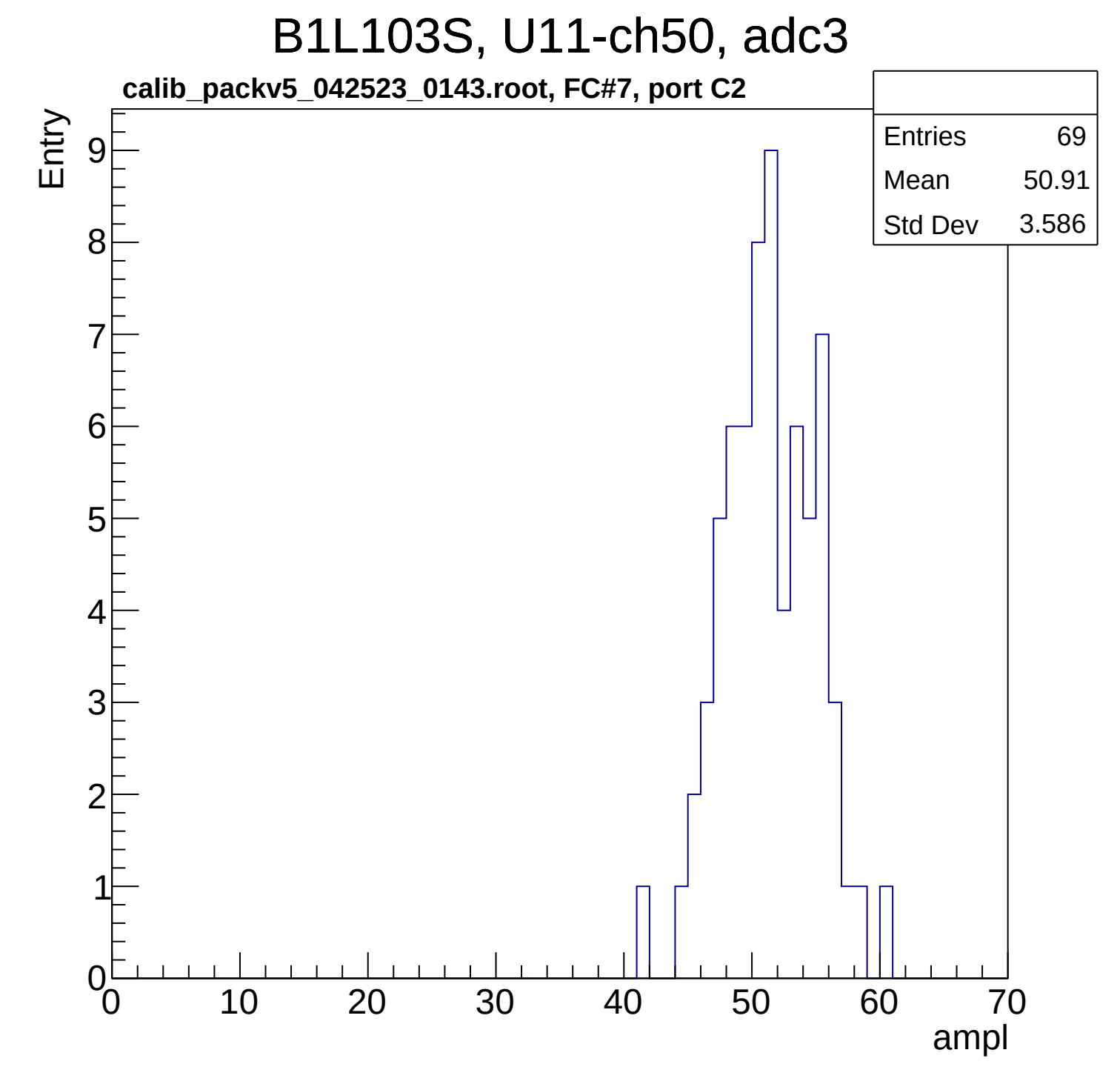
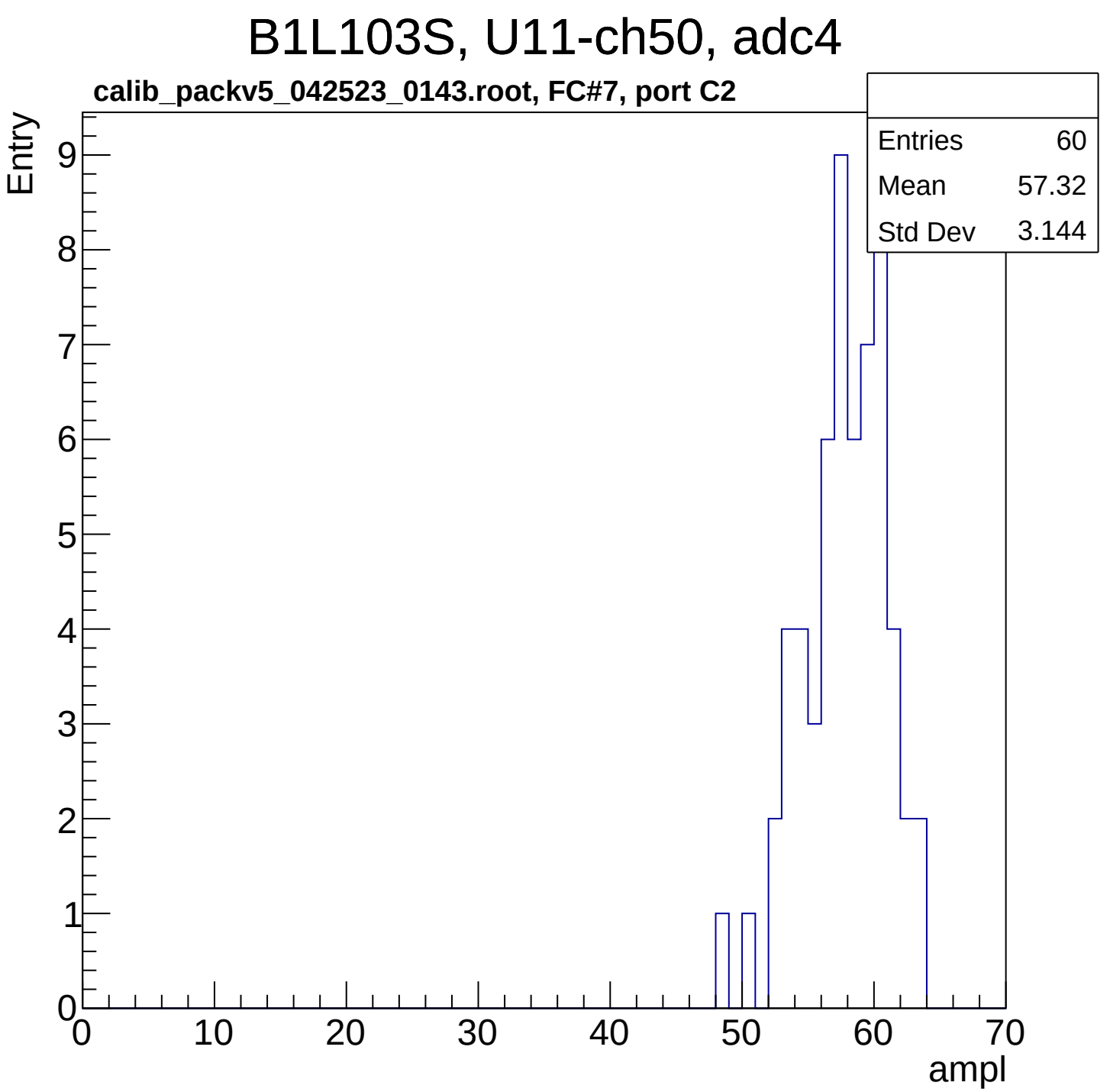

B1L103S, U11-ch50, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 50.91
Std Dev 3.586
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch50, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 57.32
Std Dev 3.144
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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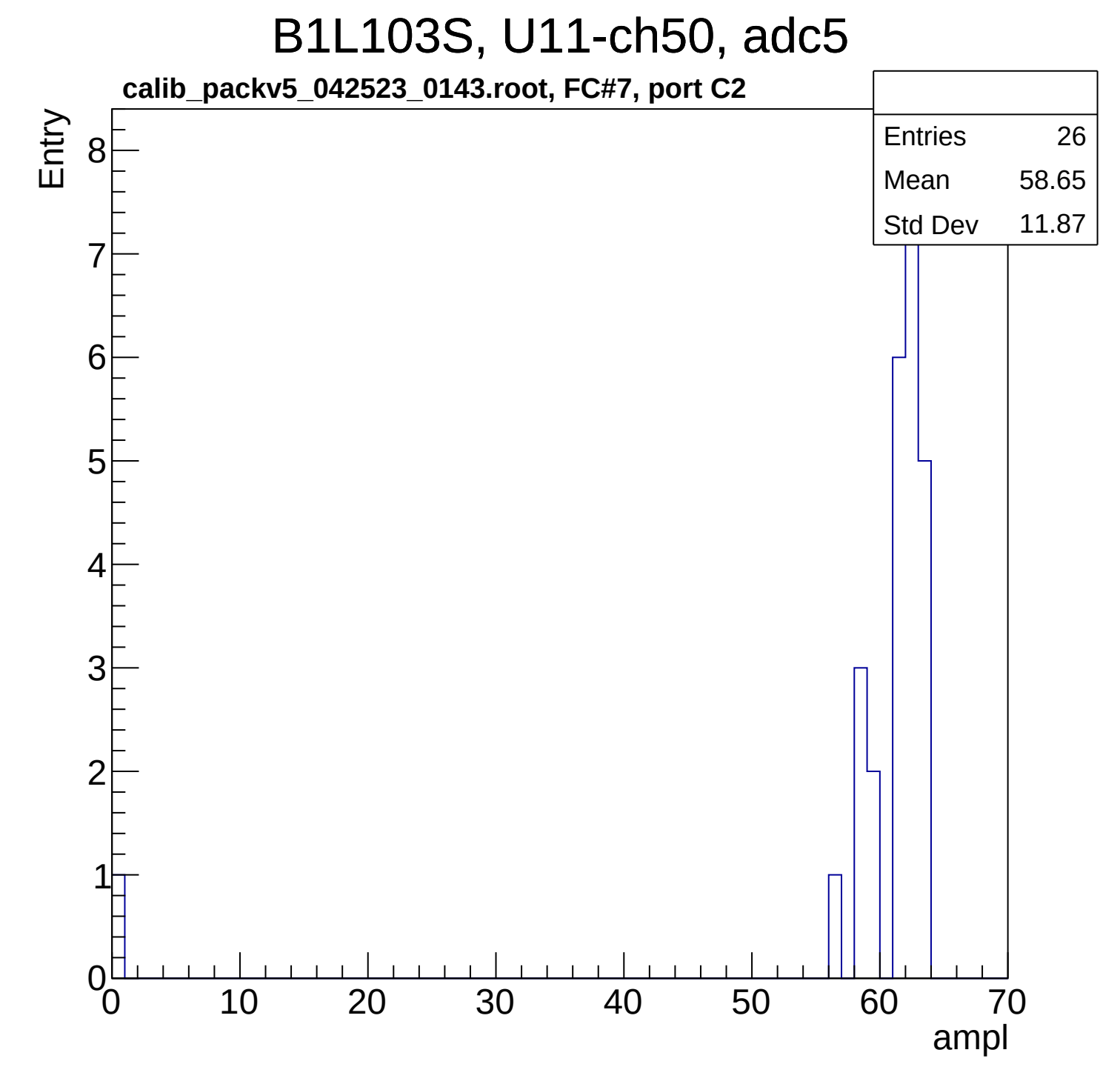
B1L103S, U11-ch50, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 26
Mean 58.65
Std Dev 11.87
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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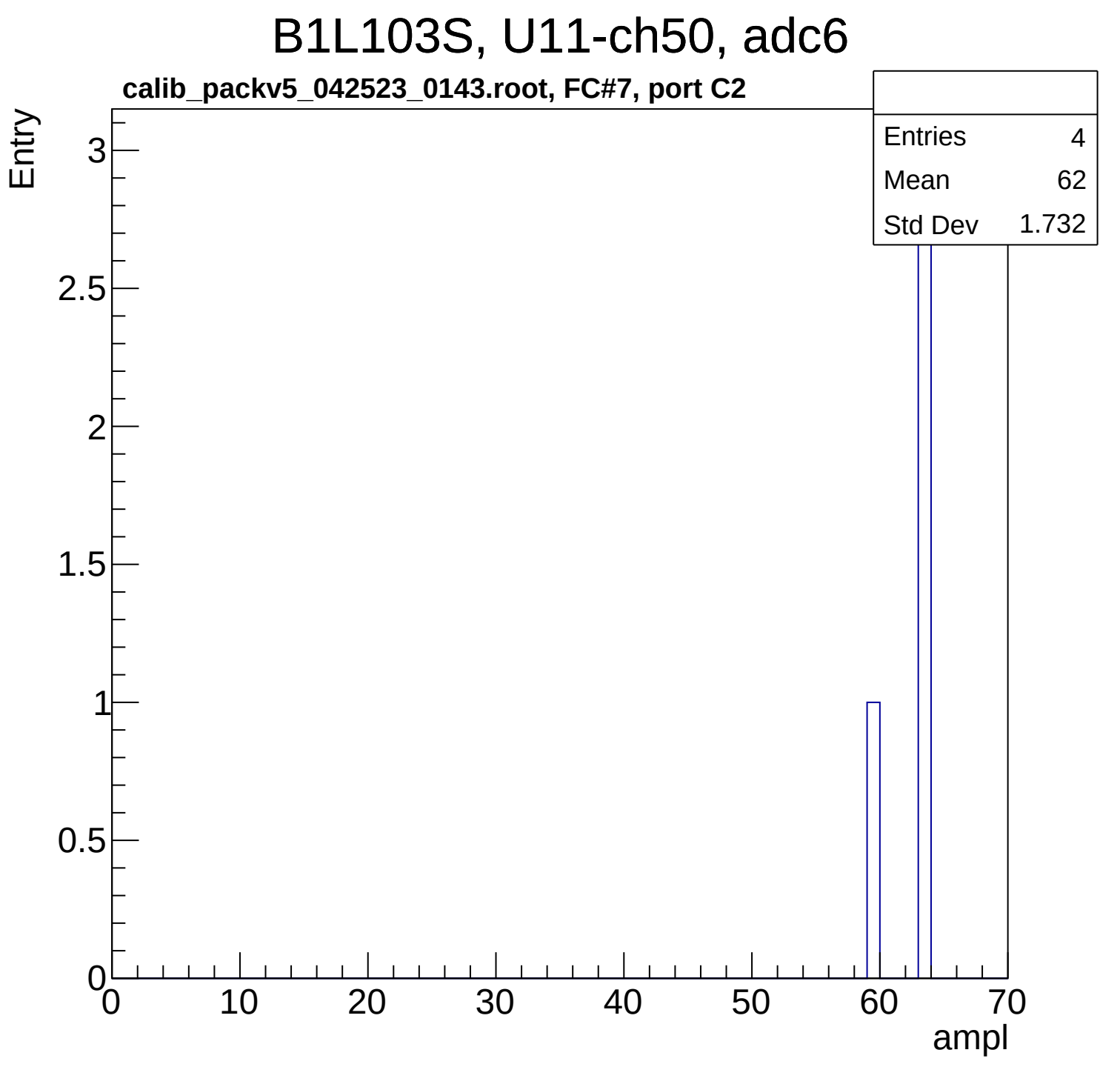
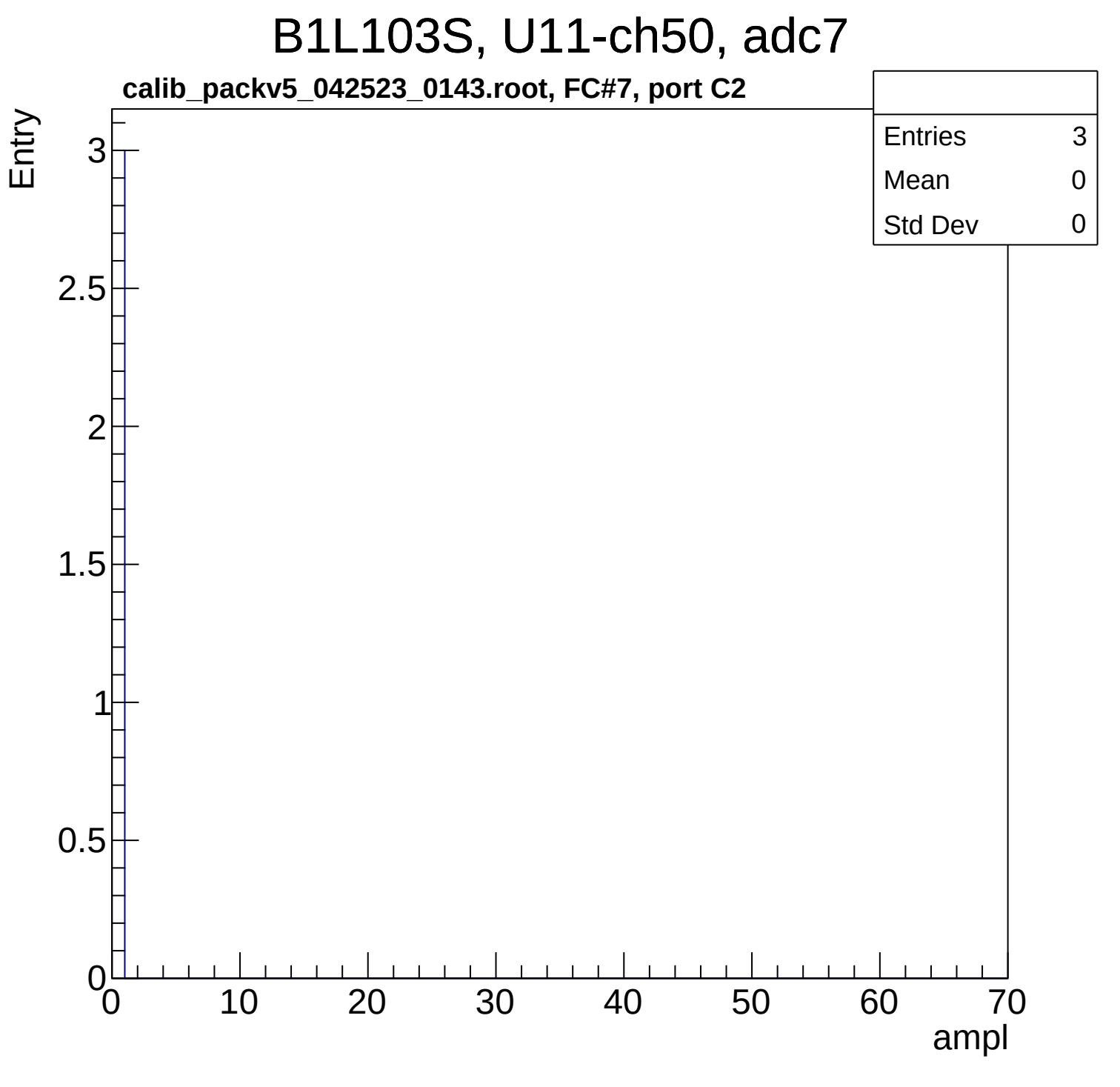
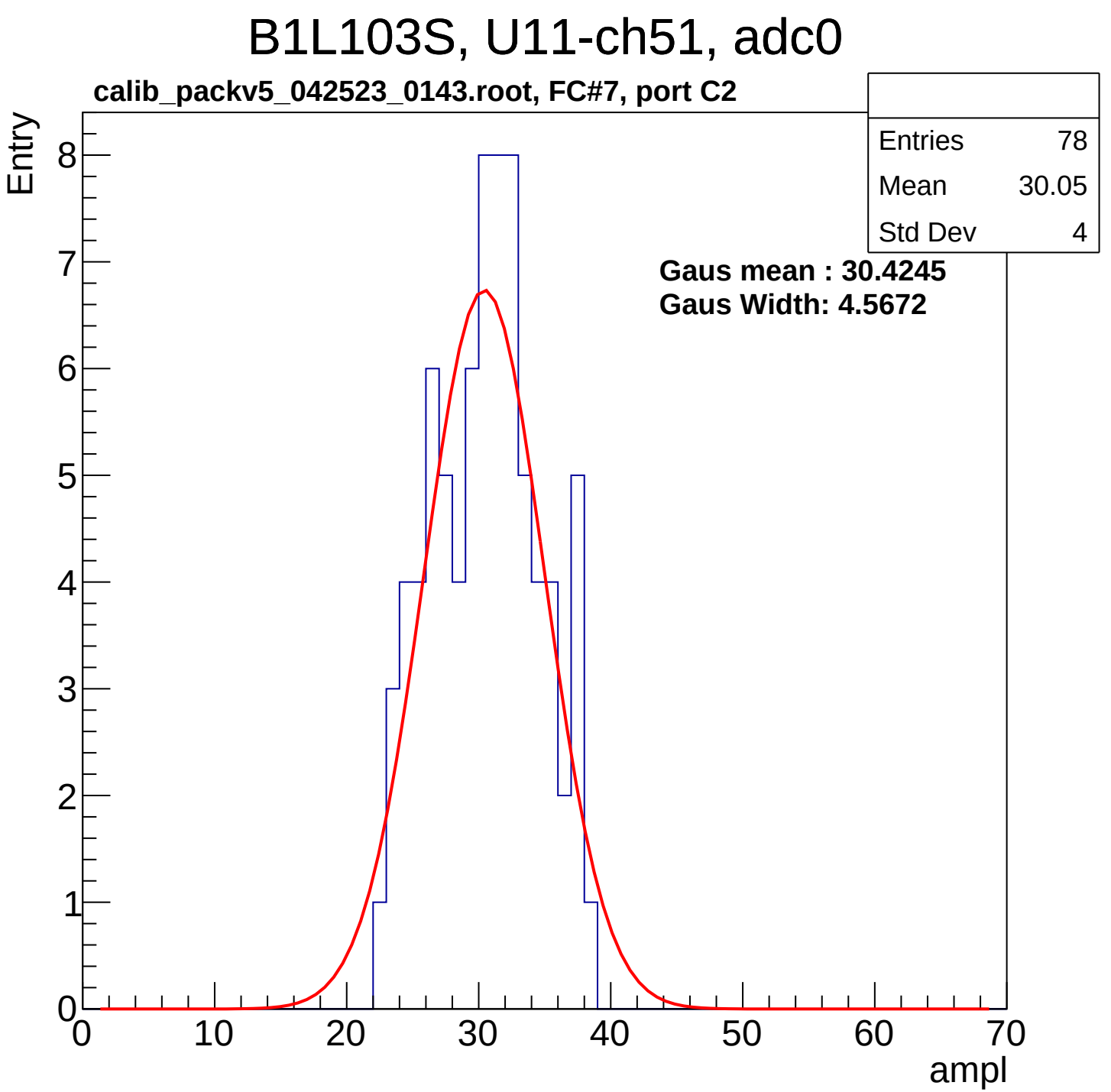
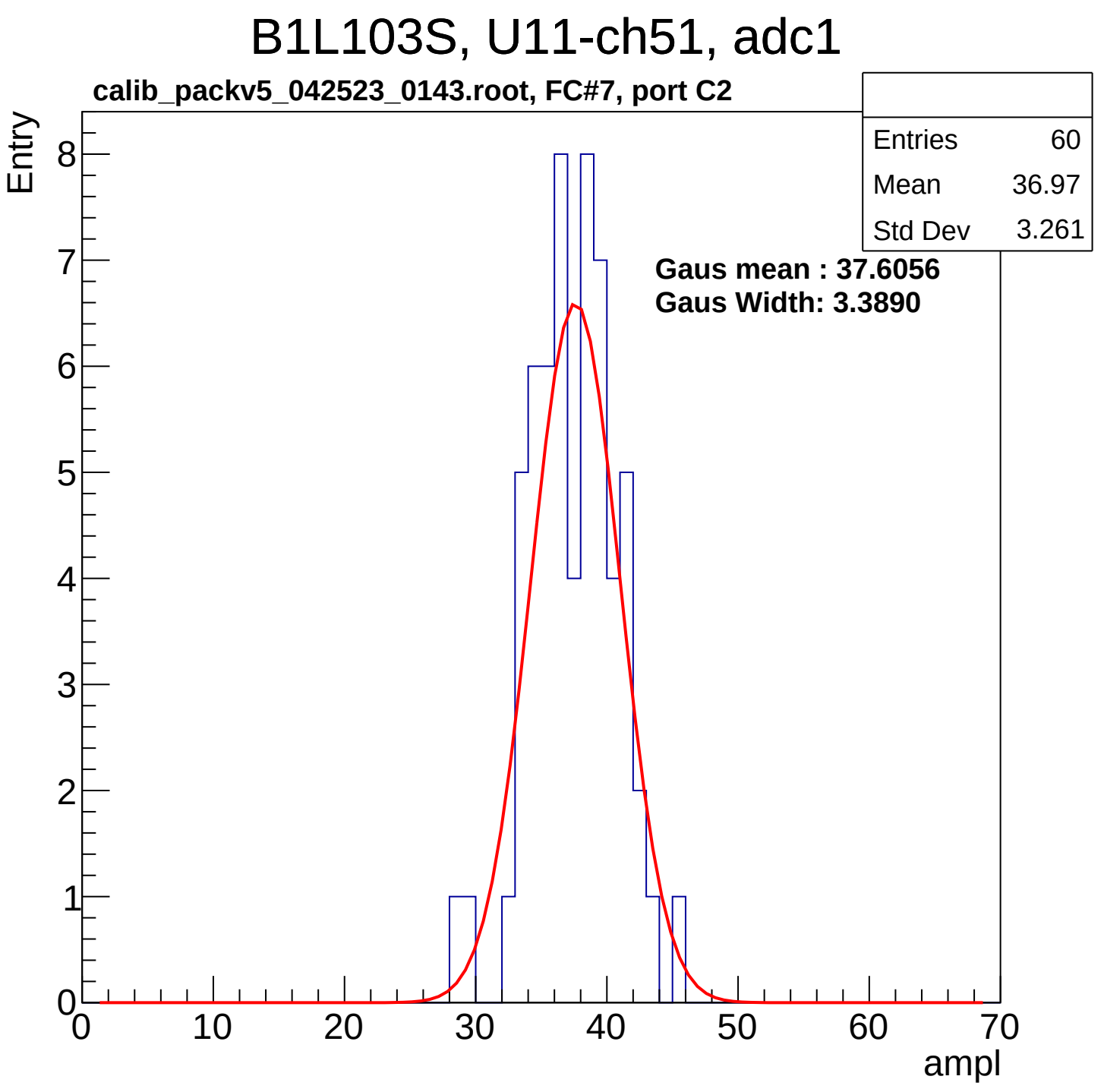
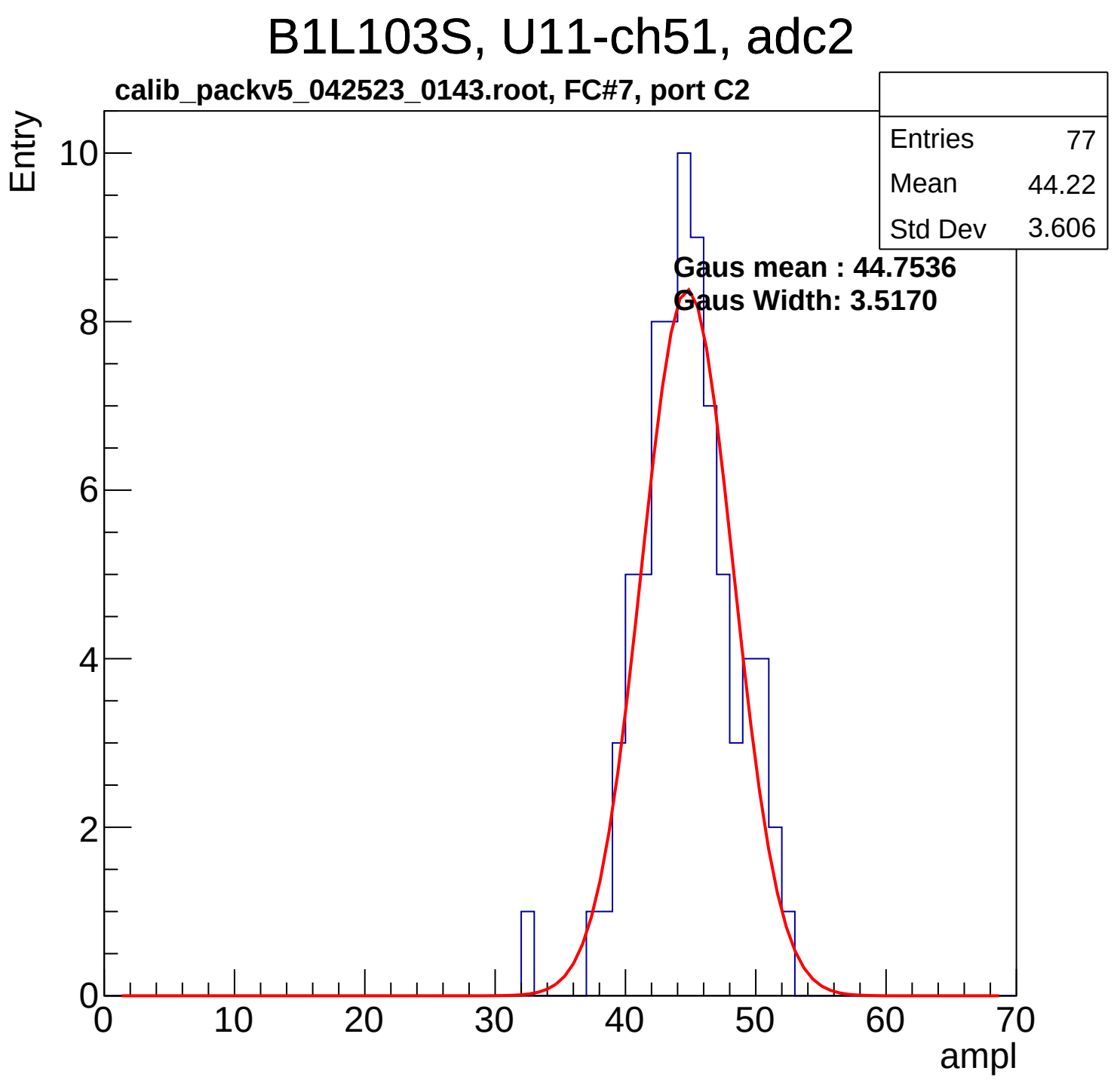
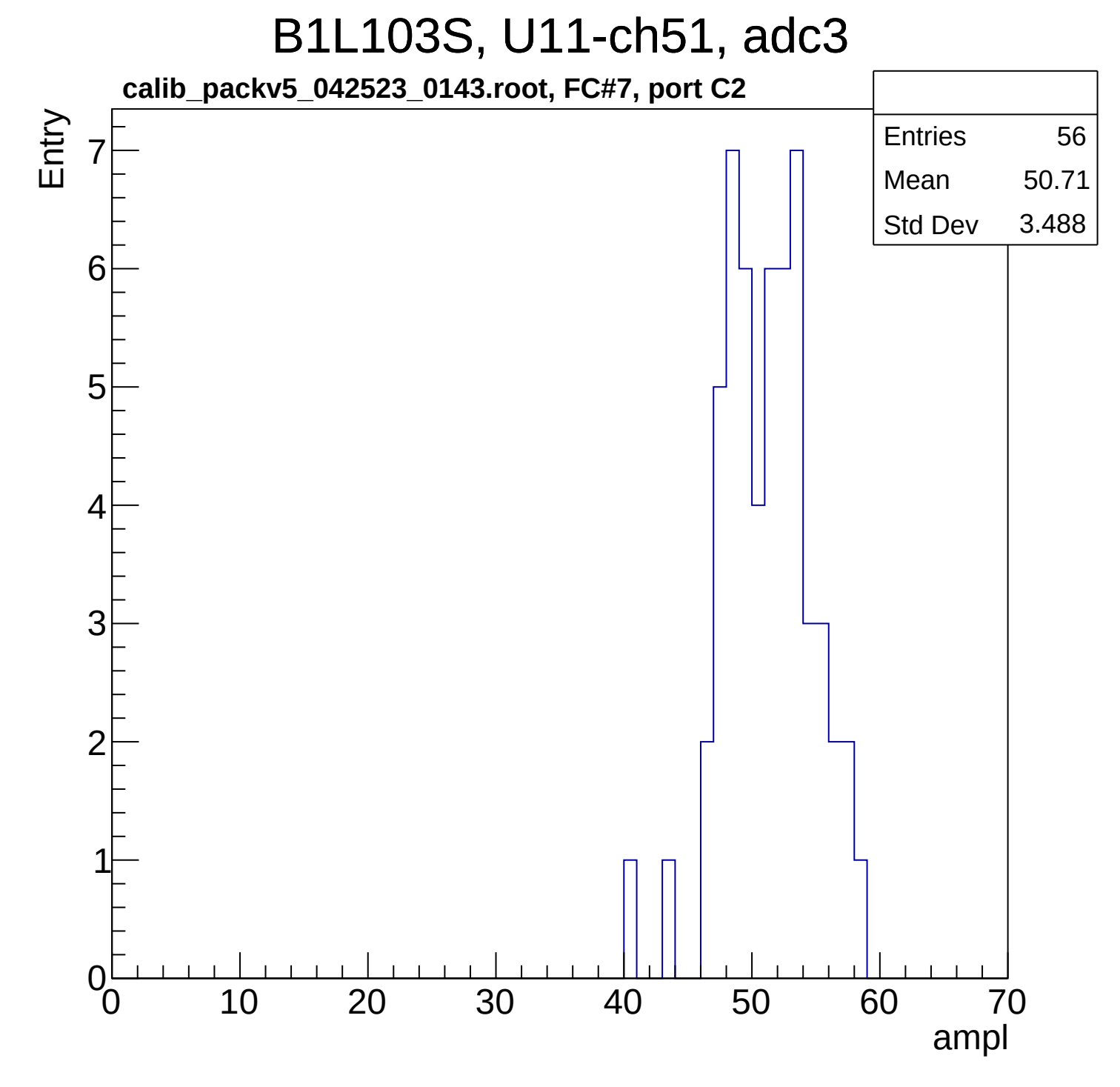

B1L103S, U11-ch50, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 4
Mean 62
Std Dev 1.732
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

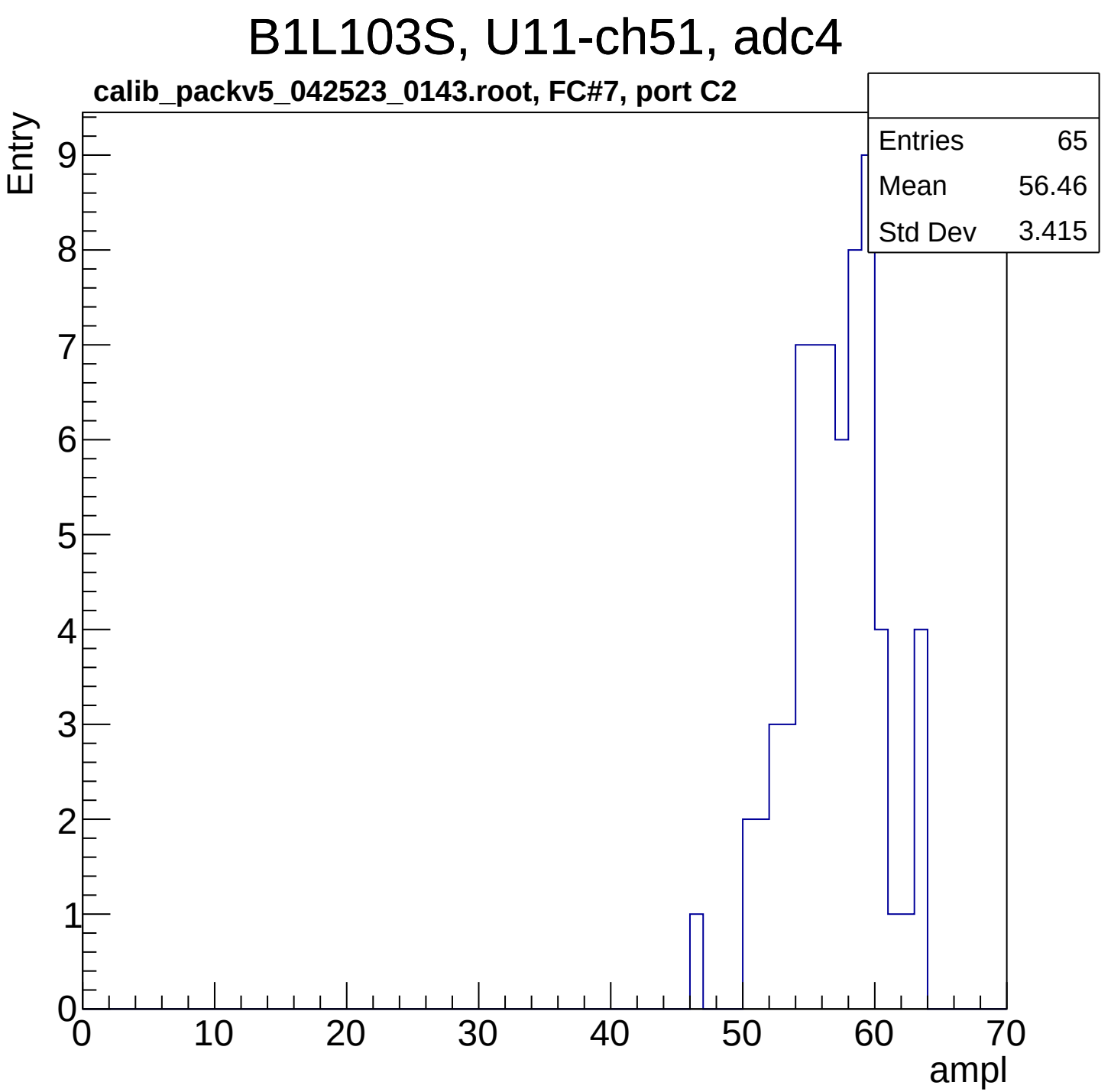

B1L103S, U11-ch50, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 0
Std Dev 0
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch51, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 78
Mean 30.05
Std Dev 4
Gaus mean : 30.4245
Gaus Width: 4.5672
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch51, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 36.97
Std Dev 3.261
Gaus mean : 37.6056
Gaus Width: 3.3890
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch51, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 77
Mean 44.22
Std Dev 3.606
Gaus mean : 44.7536
Gaus Width: 3.5170
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch51, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 50.71
Std Dev 3.488
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U11-ch51, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 56.46
Std Dev 3.415
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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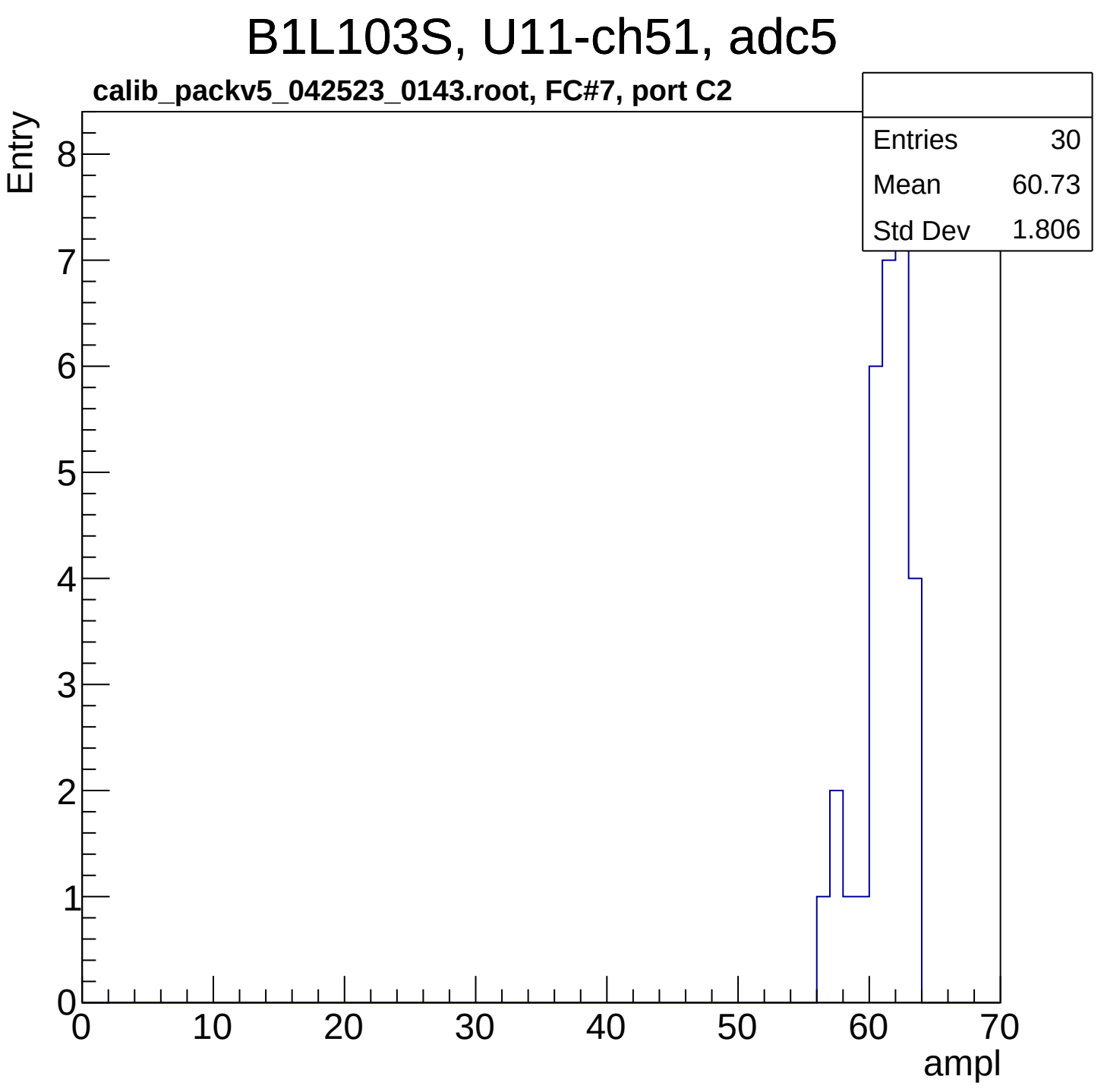
B1L103S, U11-ch51, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 30
Mean 60.73
Std Dev 1.806
Entry
ampl
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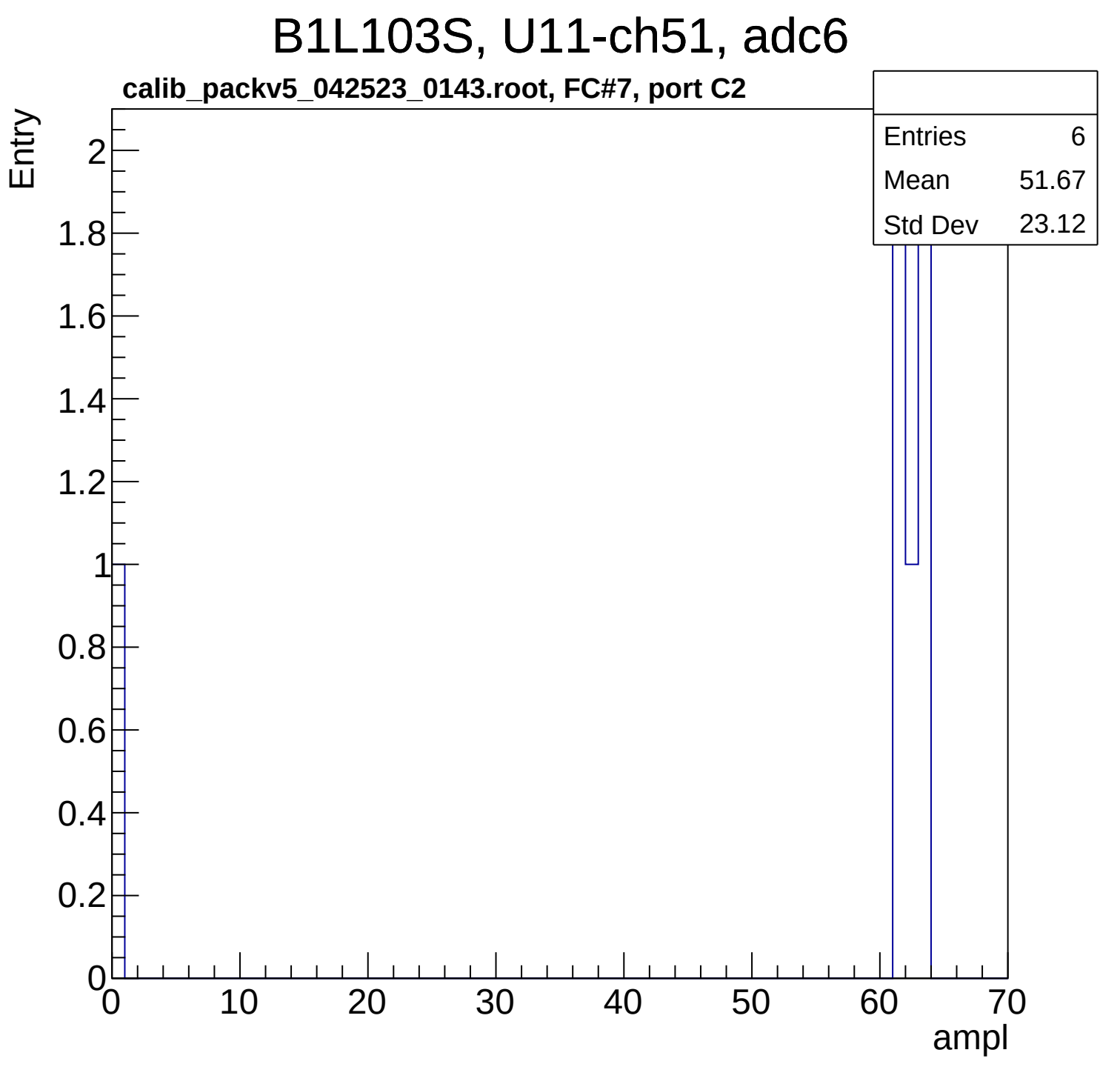
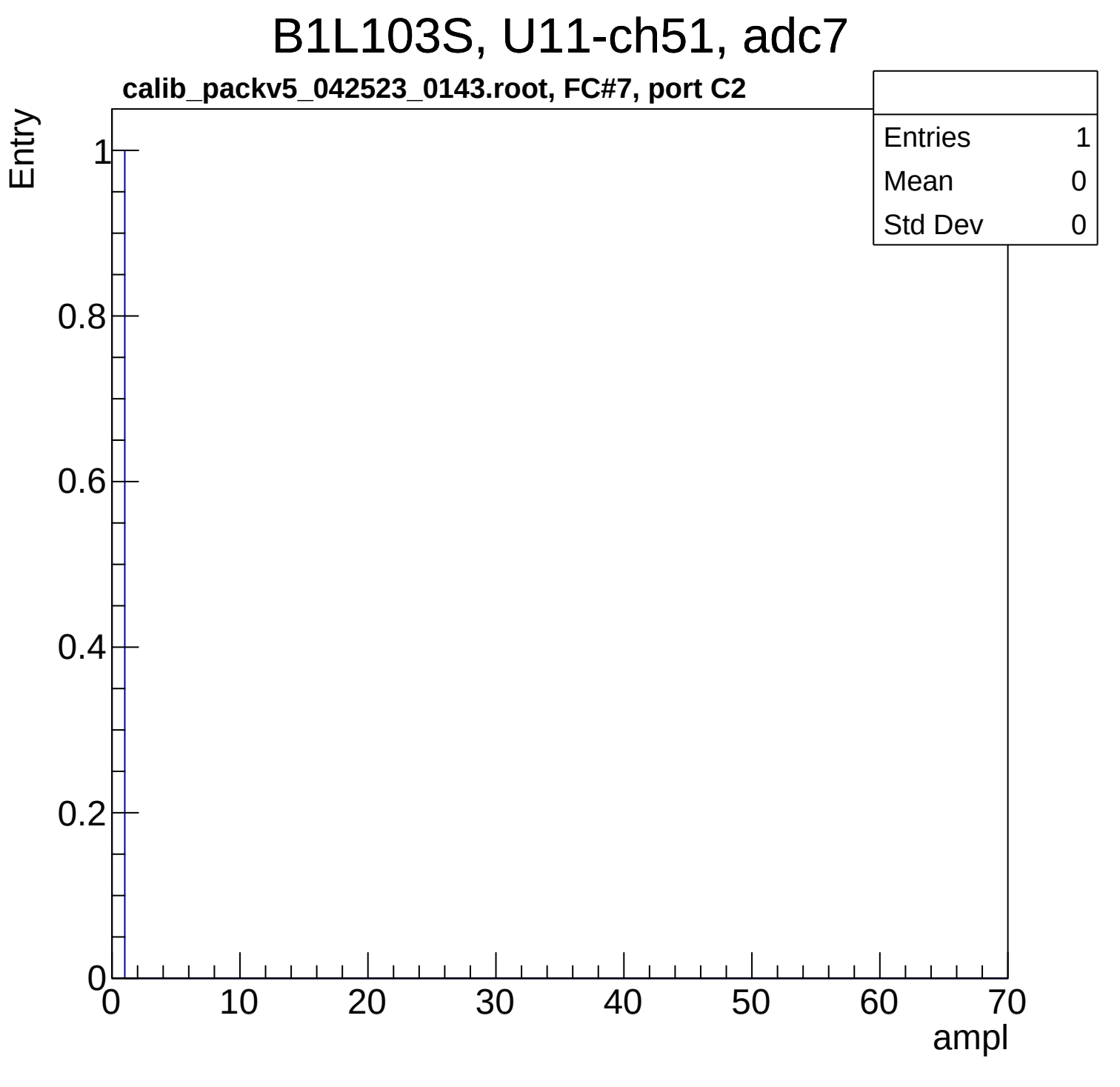
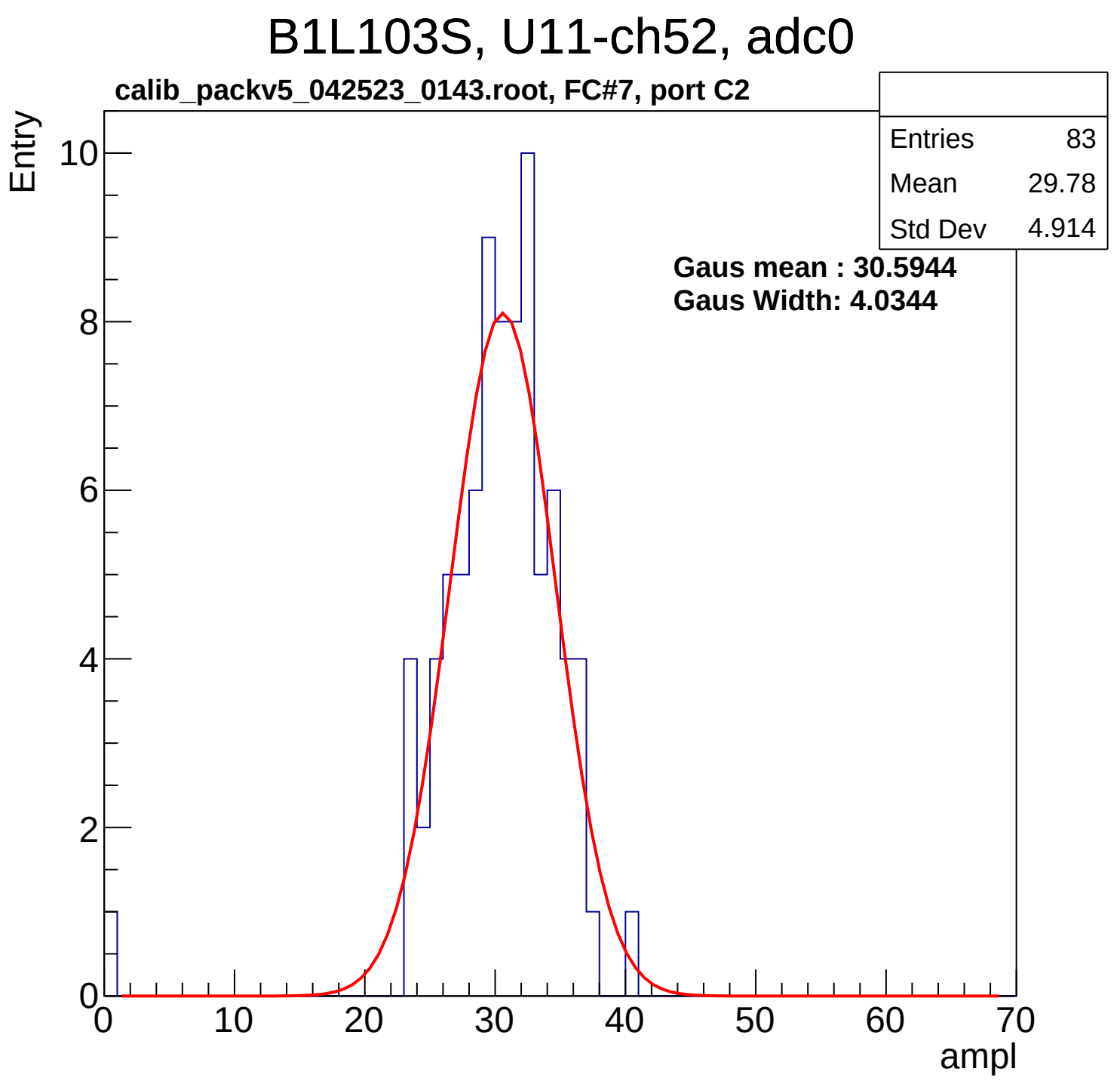
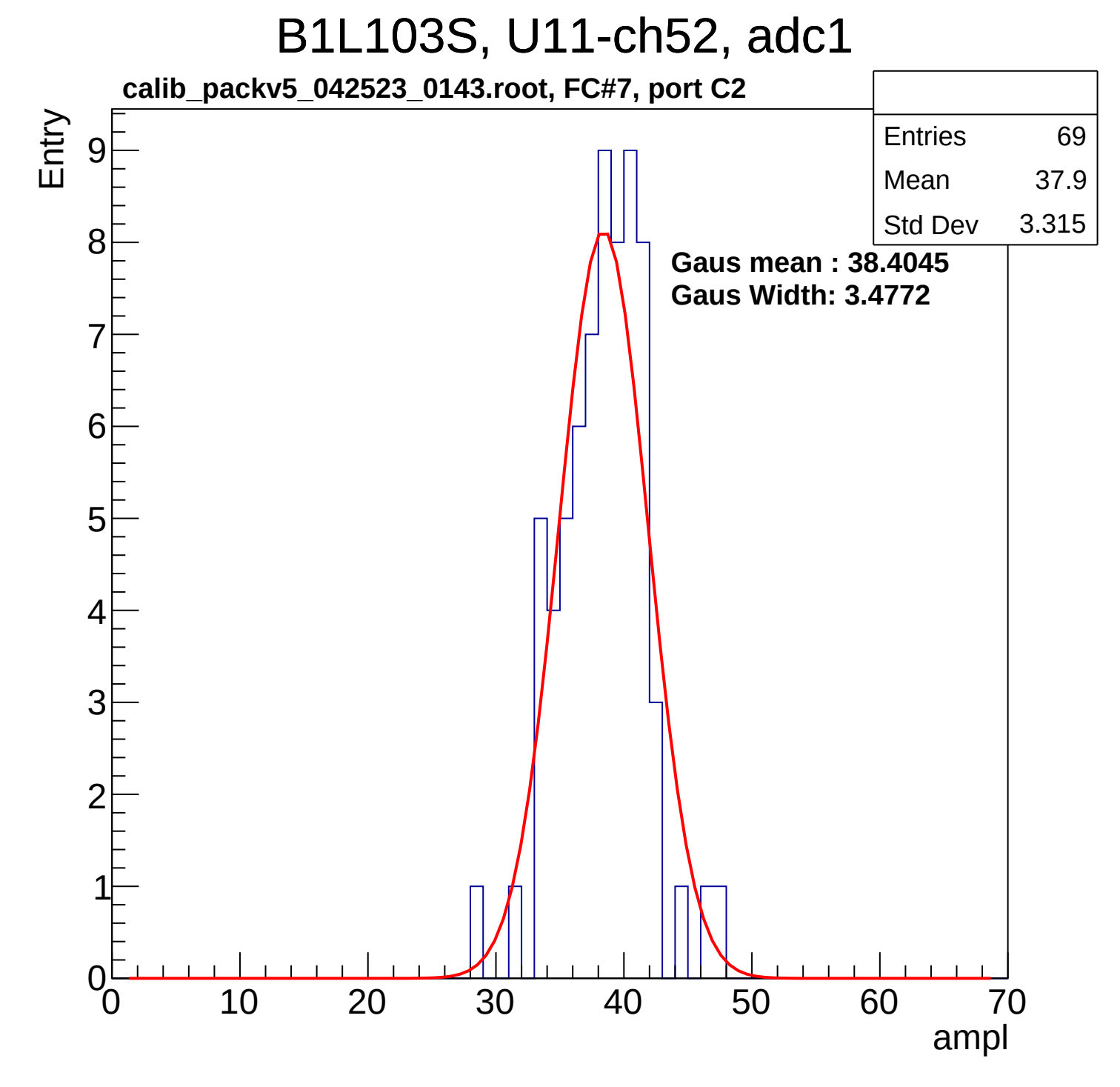
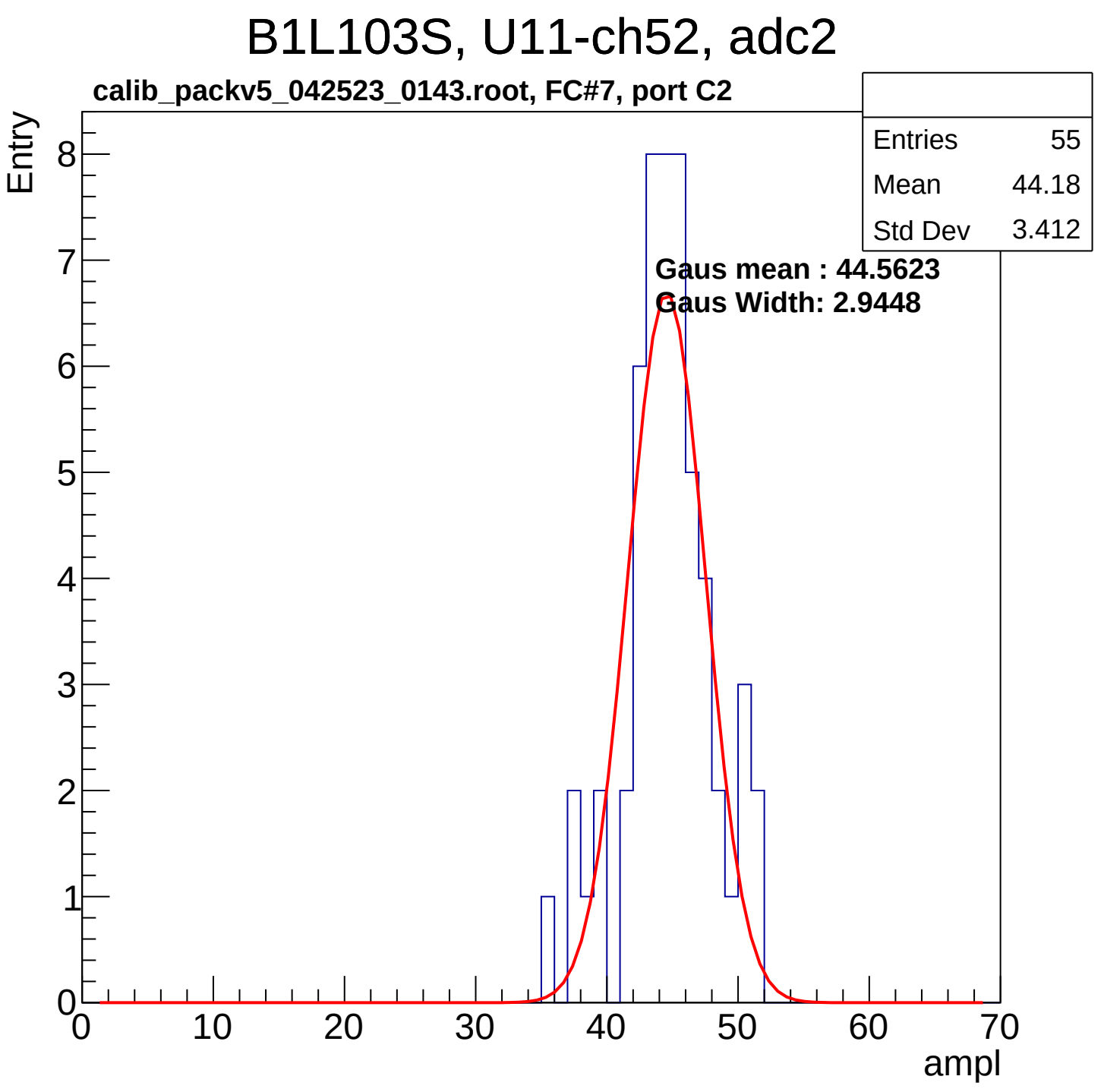
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

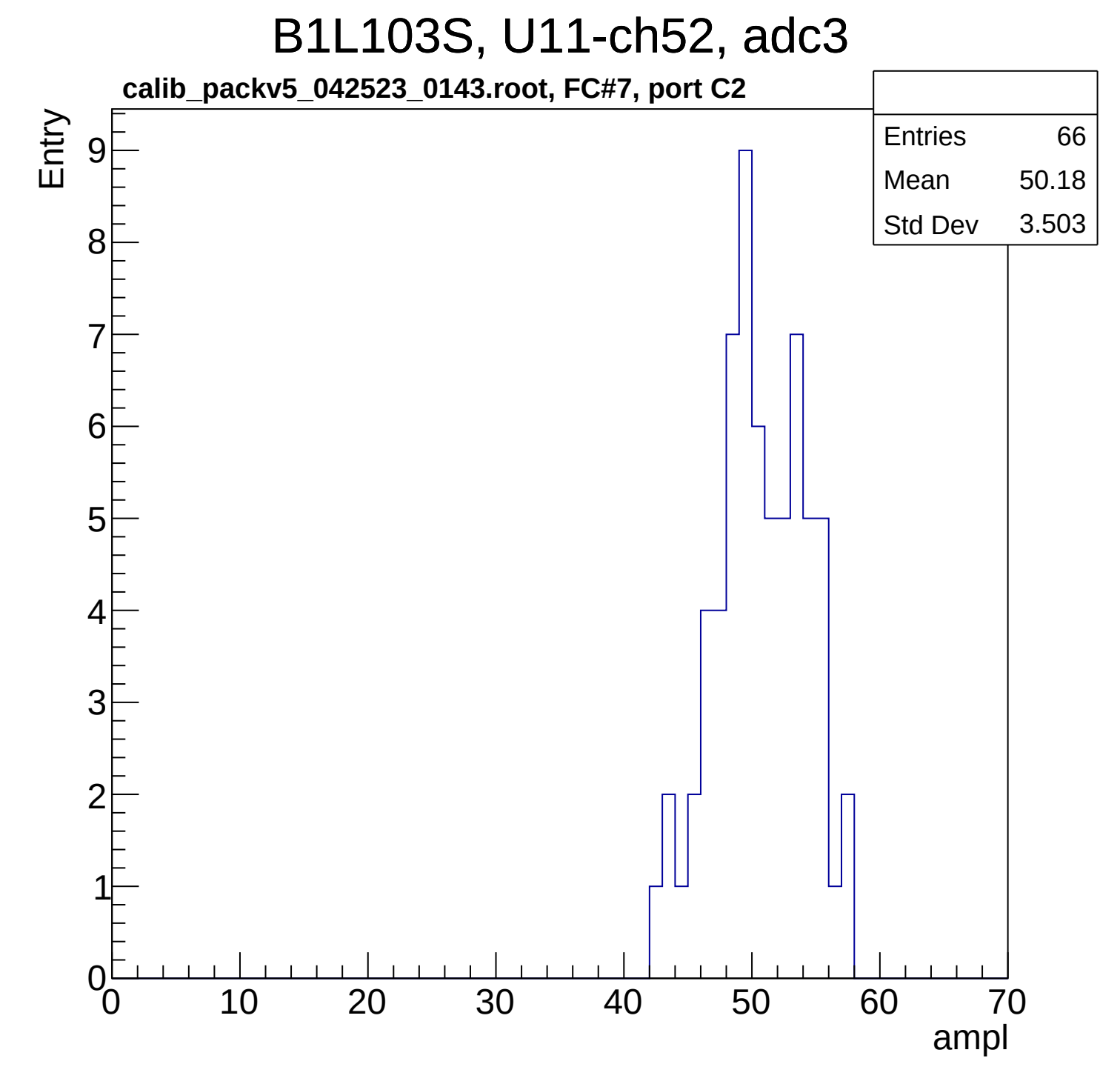

B1L103S, U11-ch51, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 6
Mean 51.67
Std Dev 23.12
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L103S, U11-ch51, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch52, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 83
Mean 29.78
Std Dev 4.914
Gaus mean : 30.5944
Gaus Width: 4.0344
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch52, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 37.9
Std Dev 3.315
Gaus mean : 38.4045
Gaus Width: 3.4772
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch52, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 44.18
Std Dev 3.412
Gaus mean : 44.5623
Gaus Width: 2.9448
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch52, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 50.18
Std Dev 3.503
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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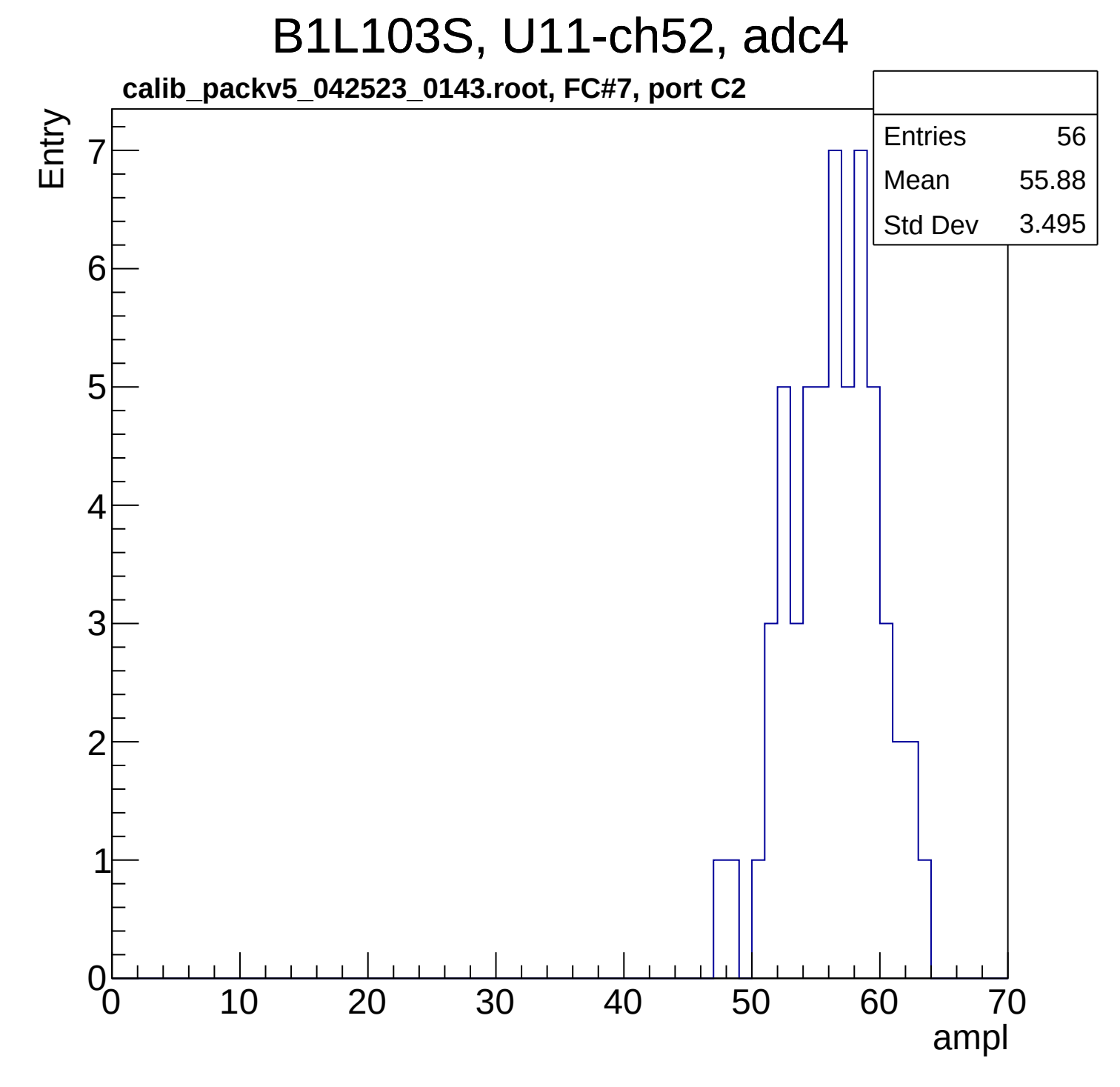
B1L103S, U11-ch52, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 55.88
Std Dev 3.495
Entry
ampl
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1
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3
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0
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40
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60
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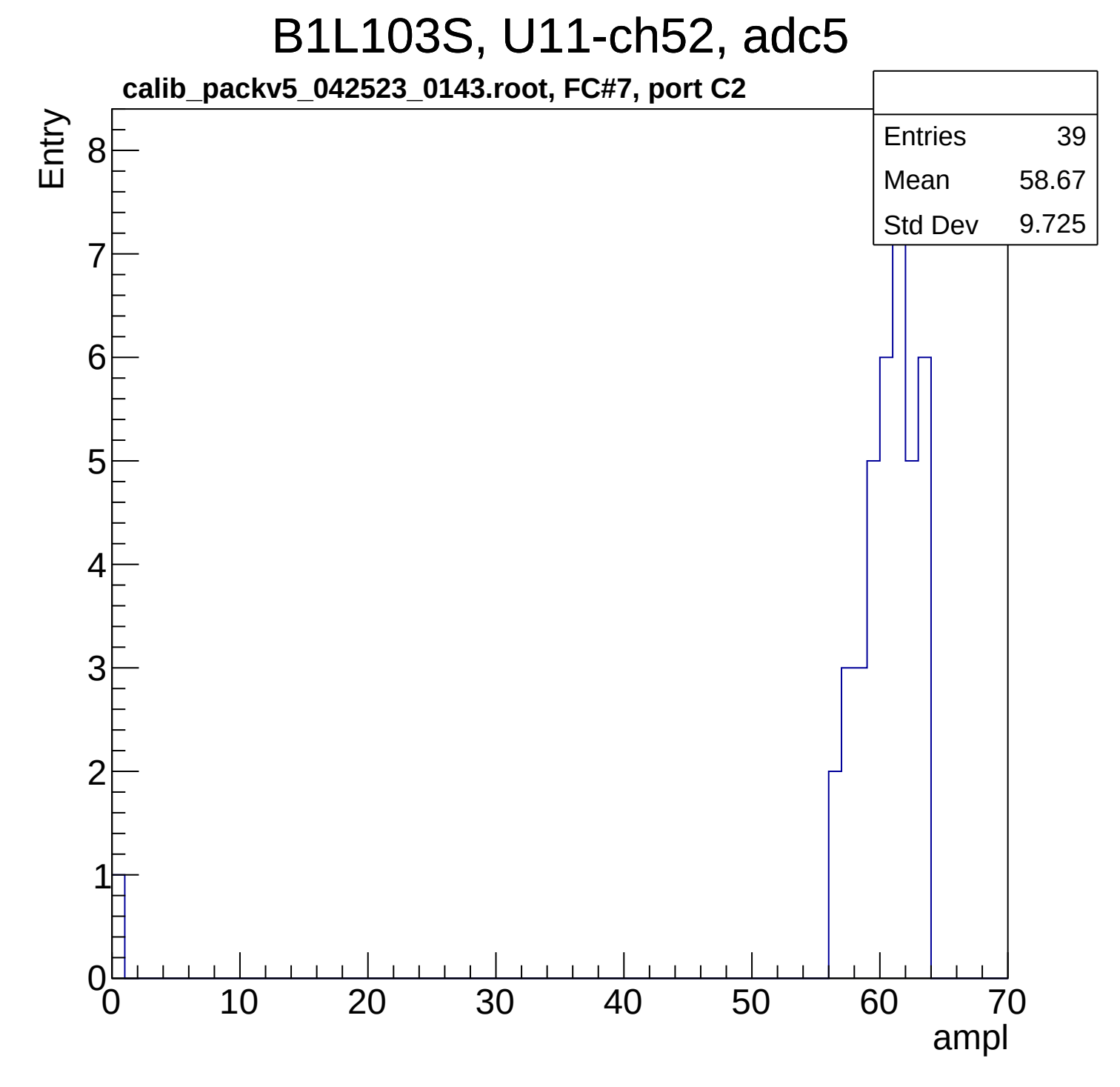
B1L103S, U11-ch52, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 39
Mean 58.67
Std Dev 9.725
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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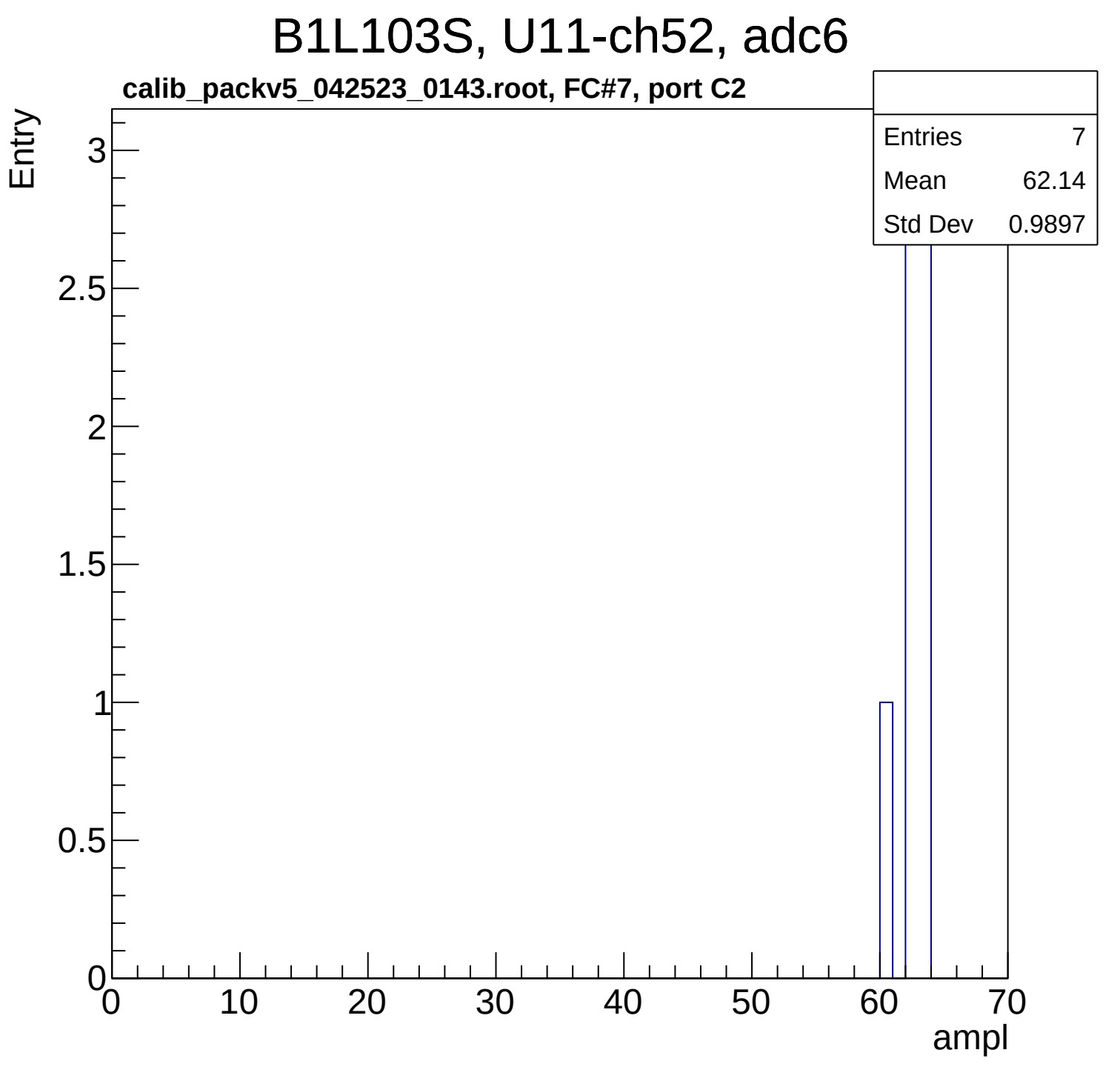
B1L103S, U11-ch52, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 7
Mean 62.14
Std Dev 0.9897
Entry
ampl
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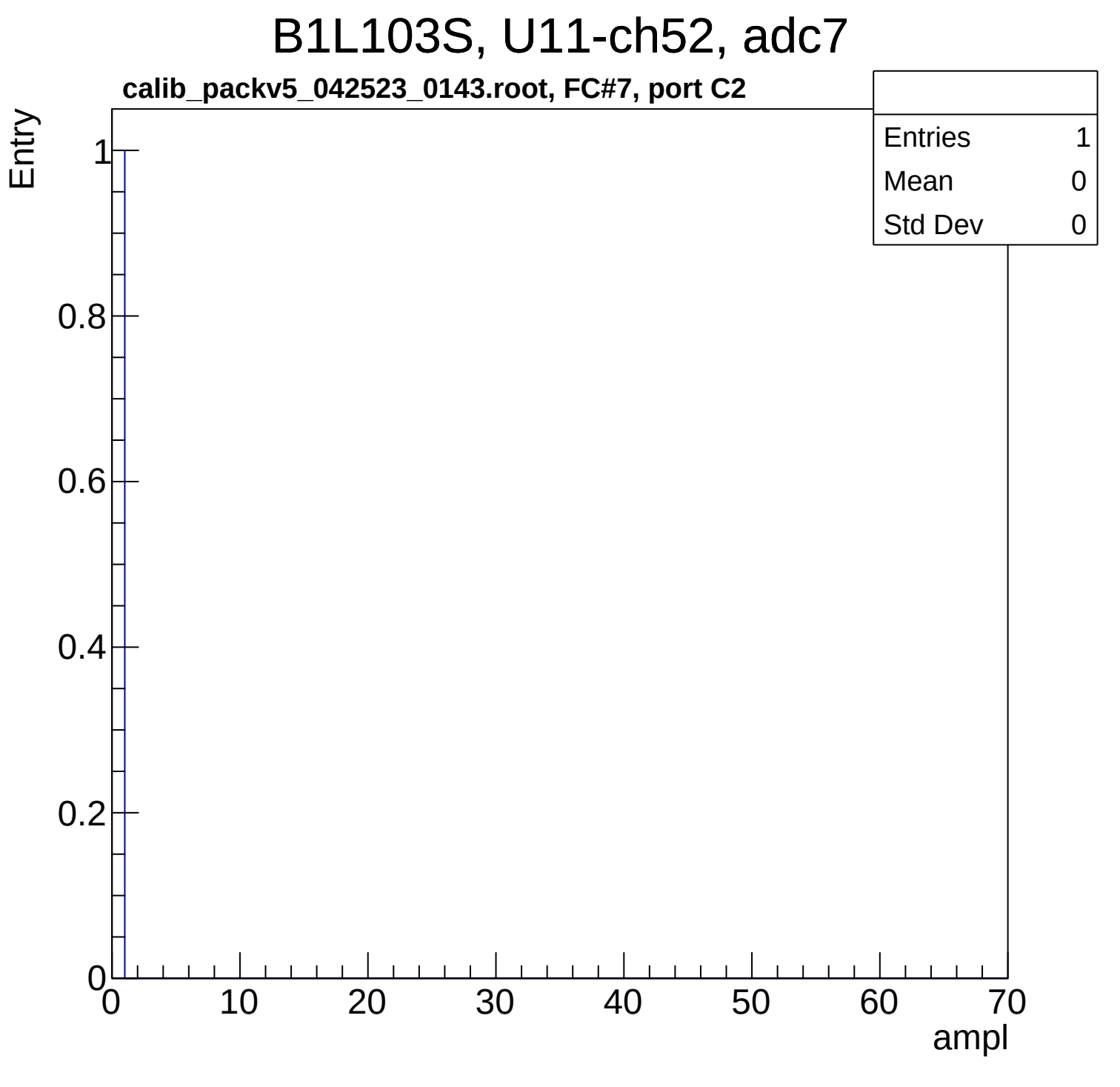
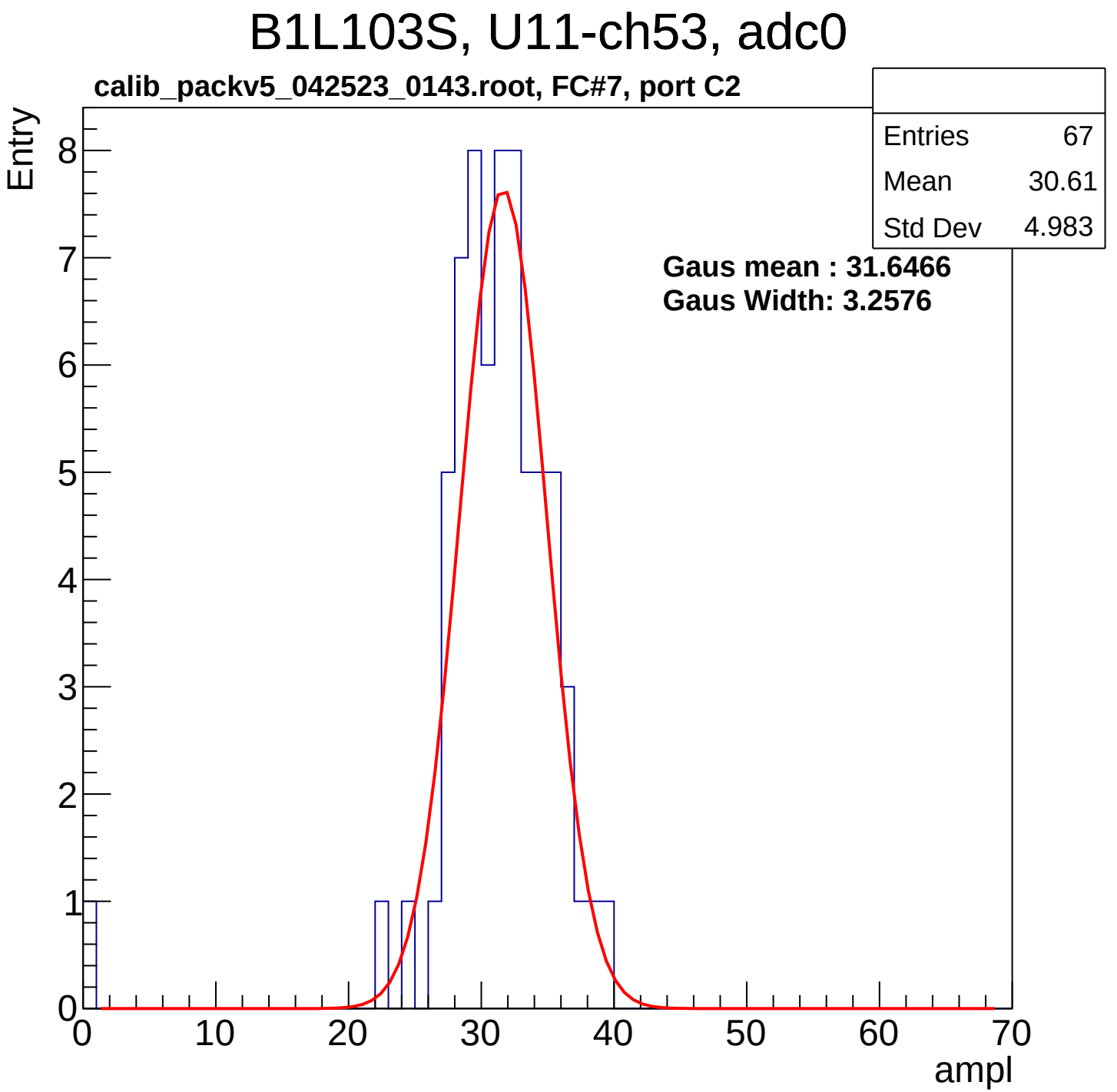
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U11-ch52, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch53, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 30.61
Std Dev 4.983
Gaus mean : 31.6466
Gaus Width: 3.2576
Entry
ampl
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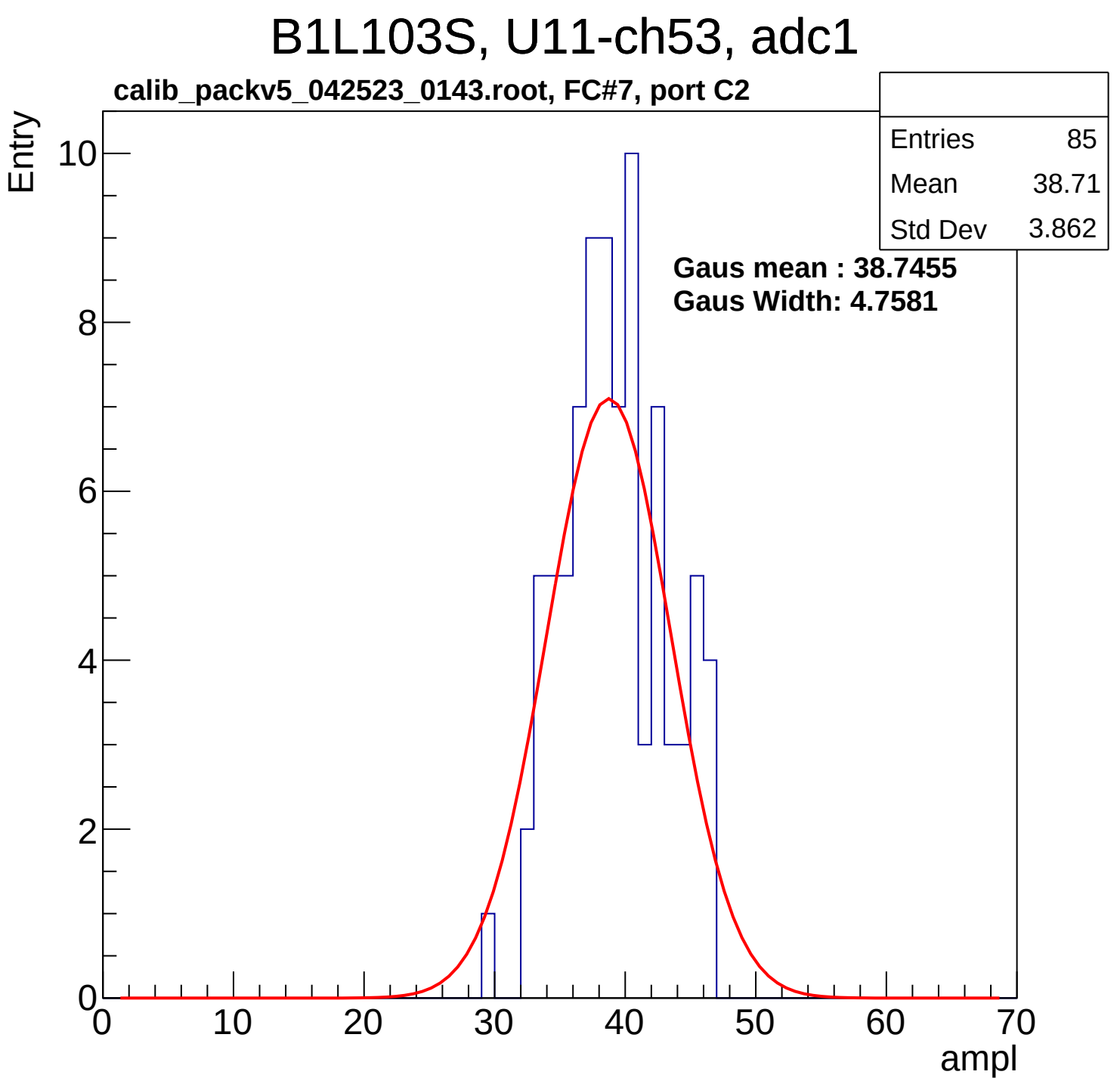
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch53, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 85
Mean 38.71
Std Dev 3.862
Gaus mean : 38.7455
Gaus Width: 4.7581
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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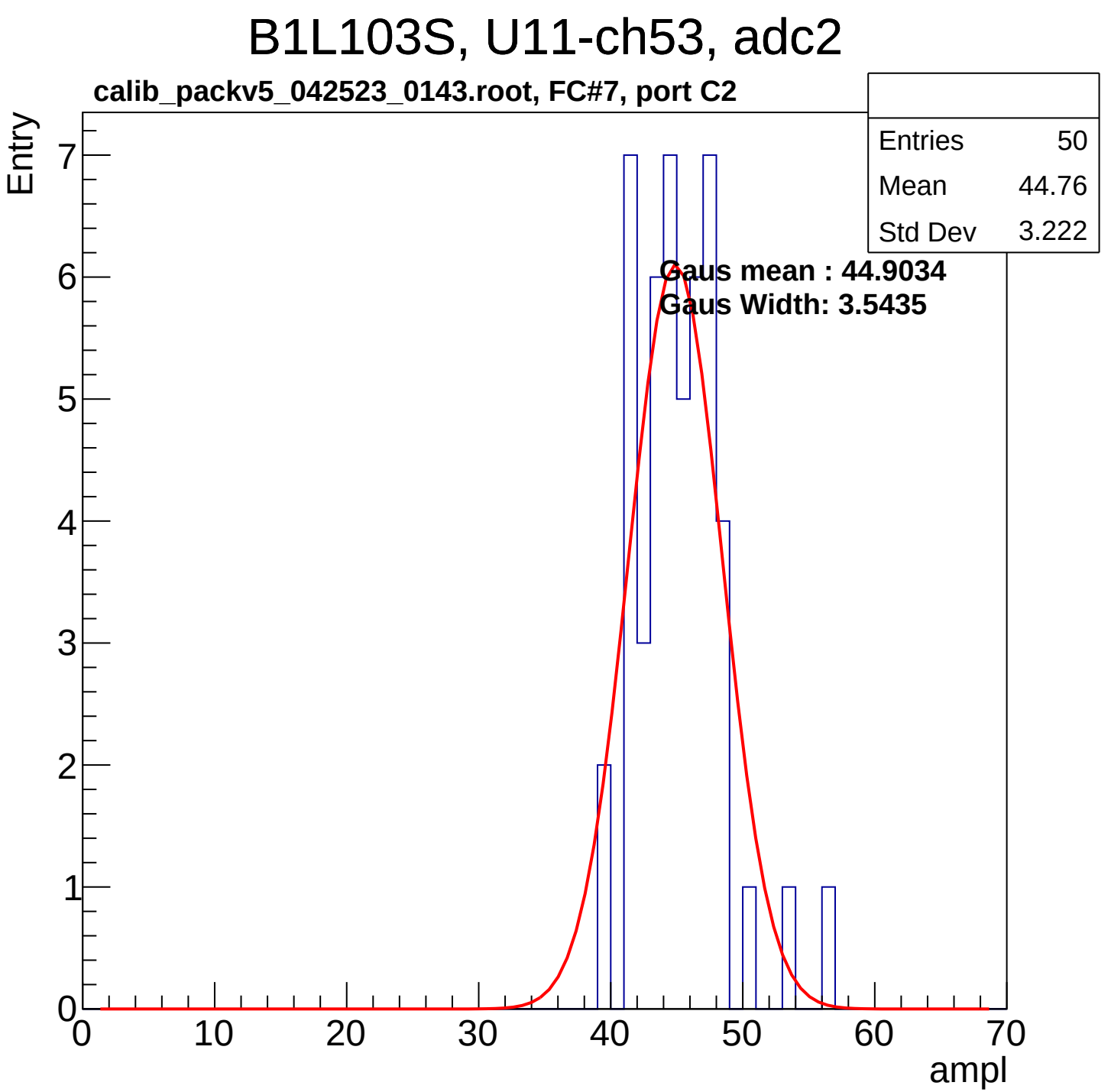
B1L103S, U11-ch53, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 50
Mean 44.76
Std Dev 3.222
Gaus mean : 44.9034
Gaus Width: 3.5435
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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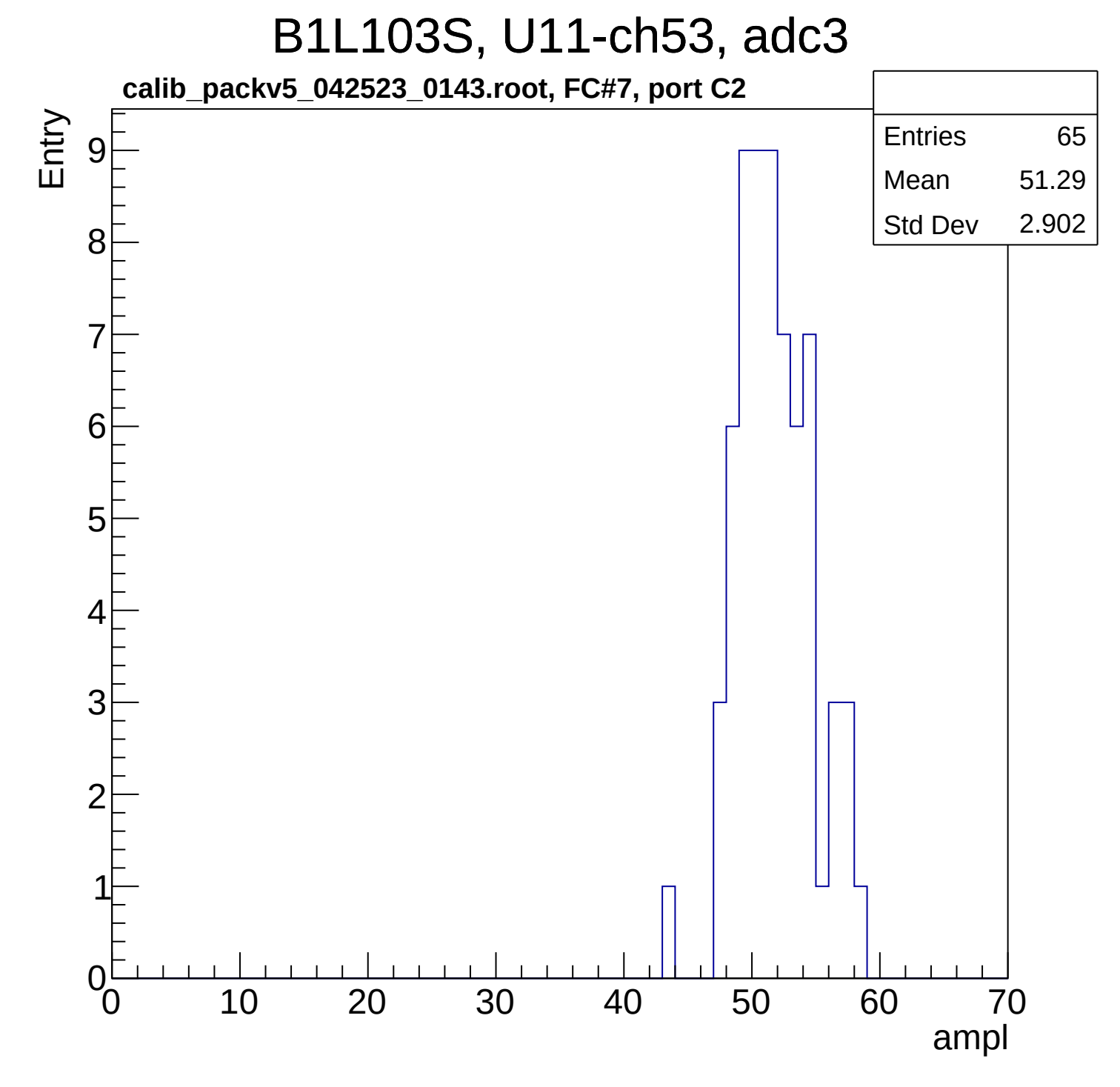
B1L103S, U11-ch53, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 51.29
Std Dev 2.902
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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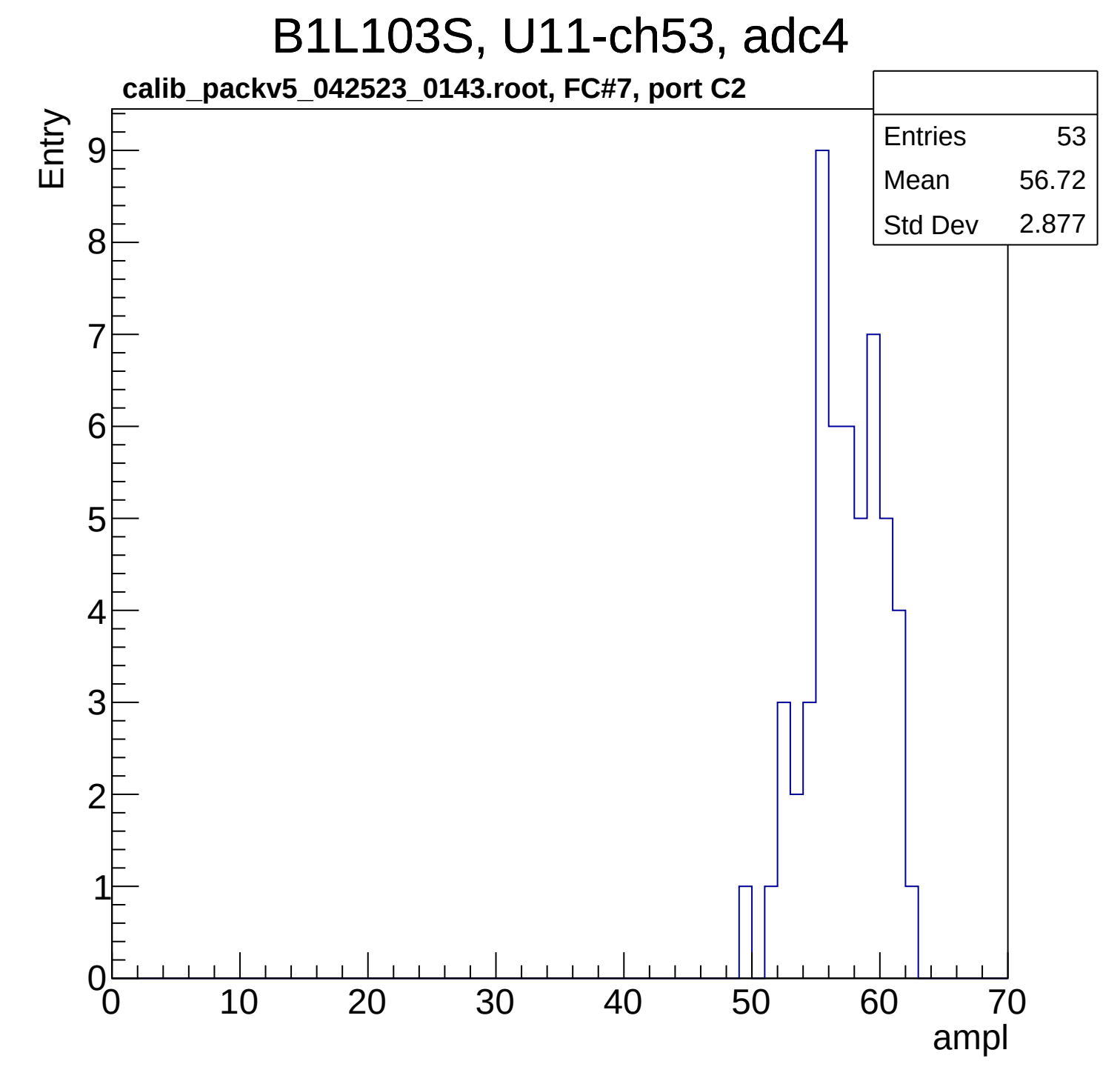
B1L103S, U11-ch53, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 53
Mean 56.72
Std Dev 2.877
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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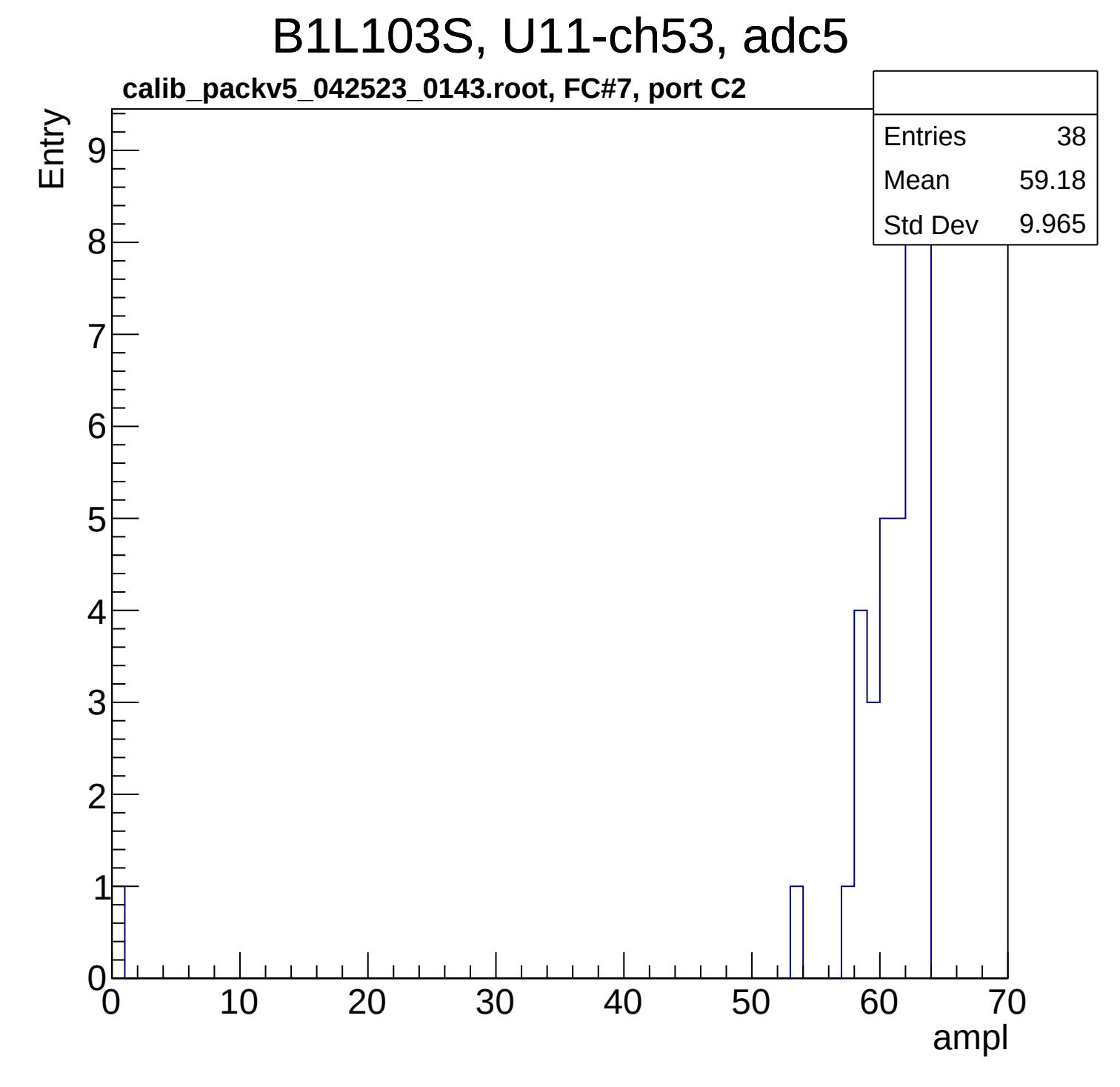
B1L103S, U11-ch53, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 38
Mean 59.18
Std Dev 9.965
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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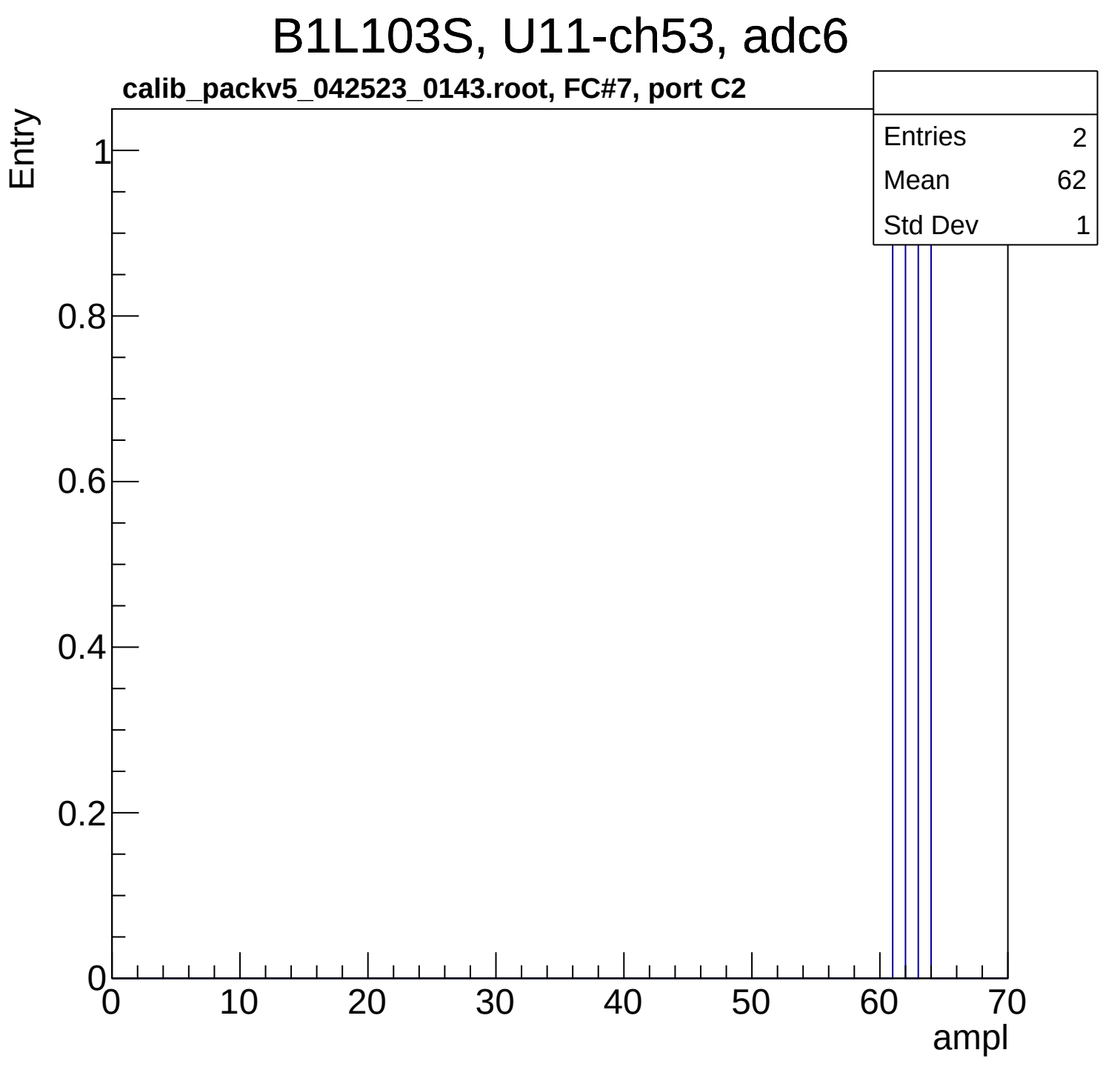
B1L103S, U11-ch53, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 62
Std Dev 1
Entry
ampl
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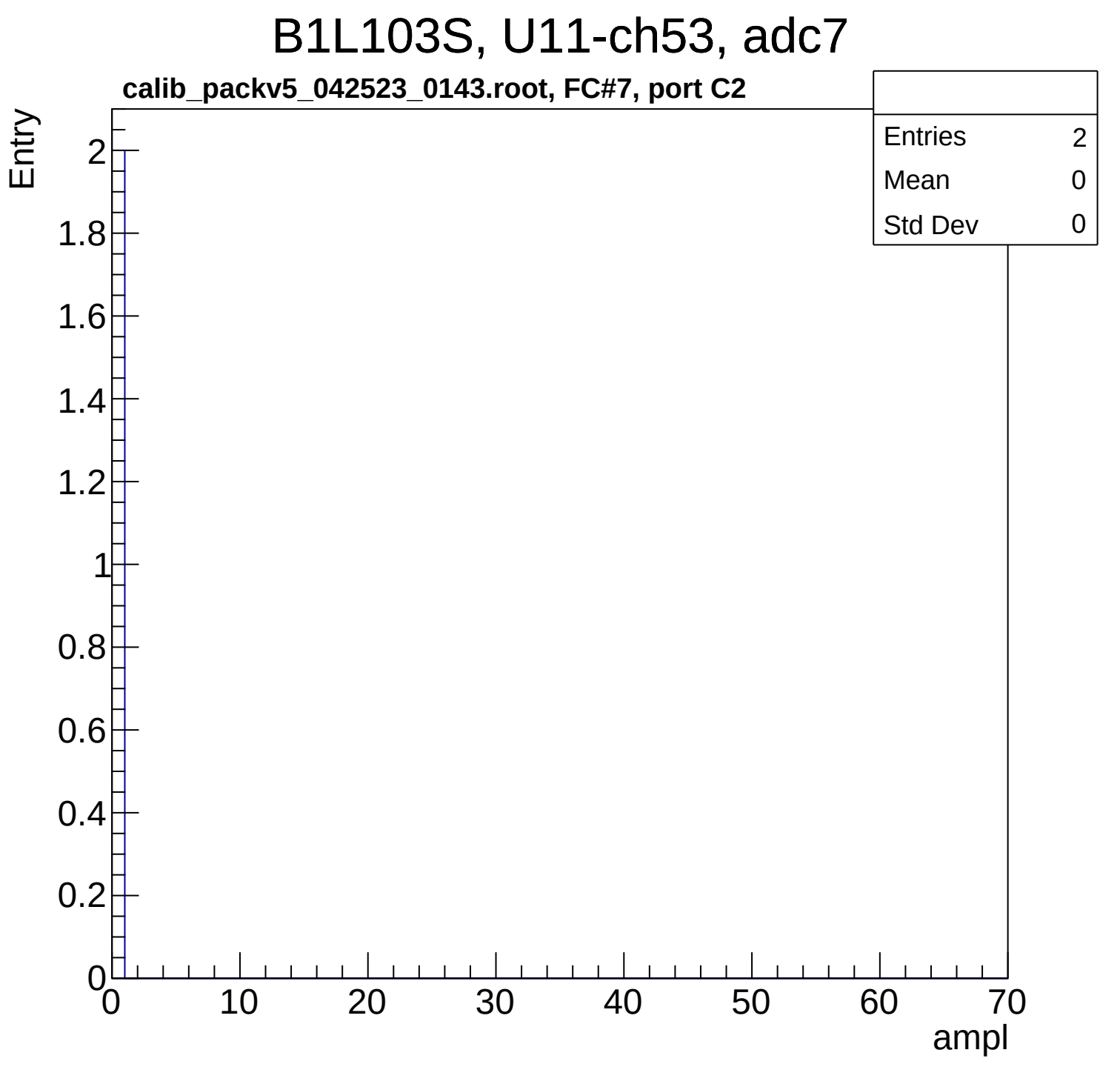
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L103S, U11-ch53, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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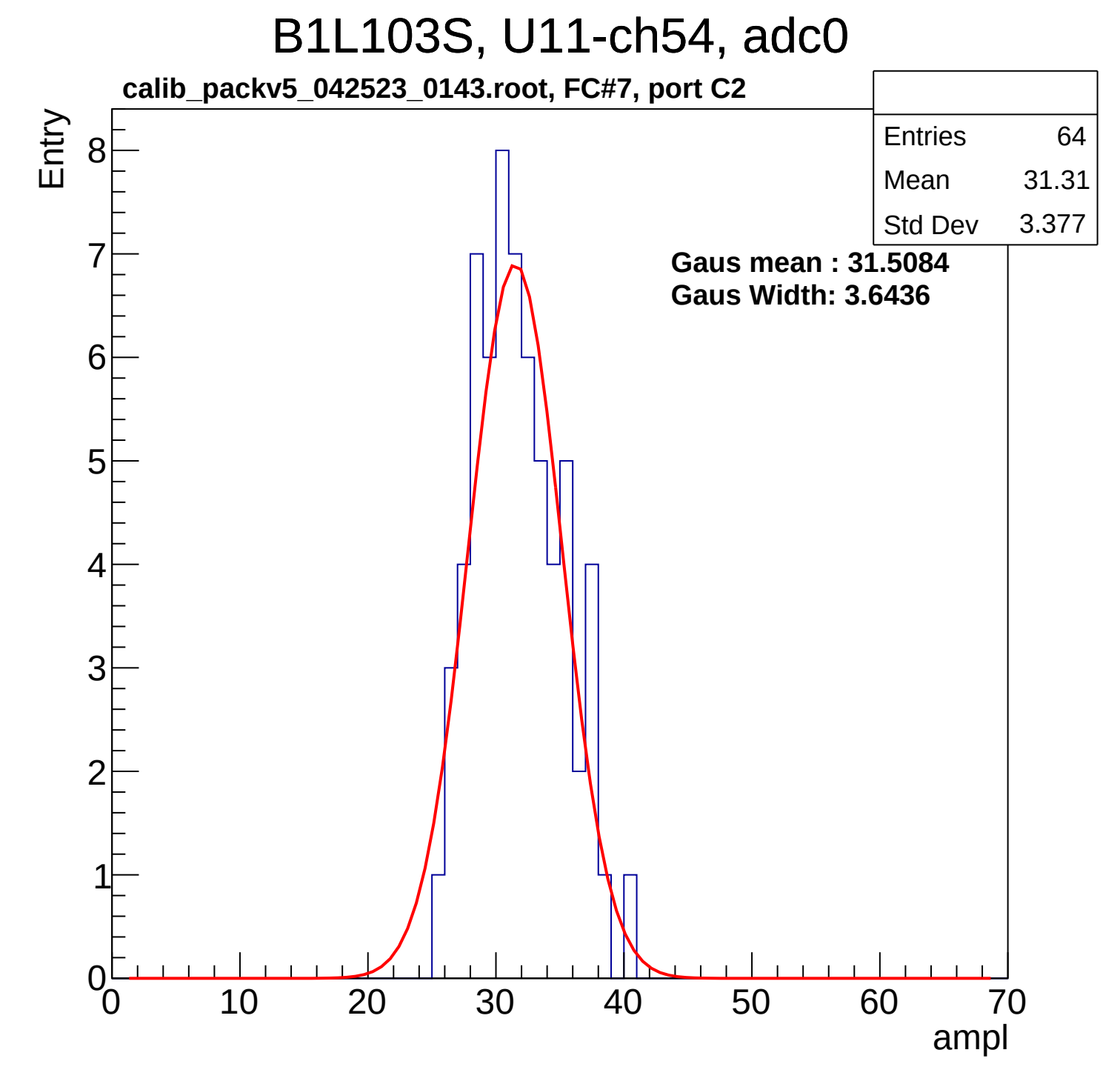
B1L103S, U11-ch54, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 31.31
Std Dev 3.377
Gaus mean : 31.5084
Gaus Width: 3.6436
Entry
ampl
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1
2
3
4
5
6
7
8
0
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30
40
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60
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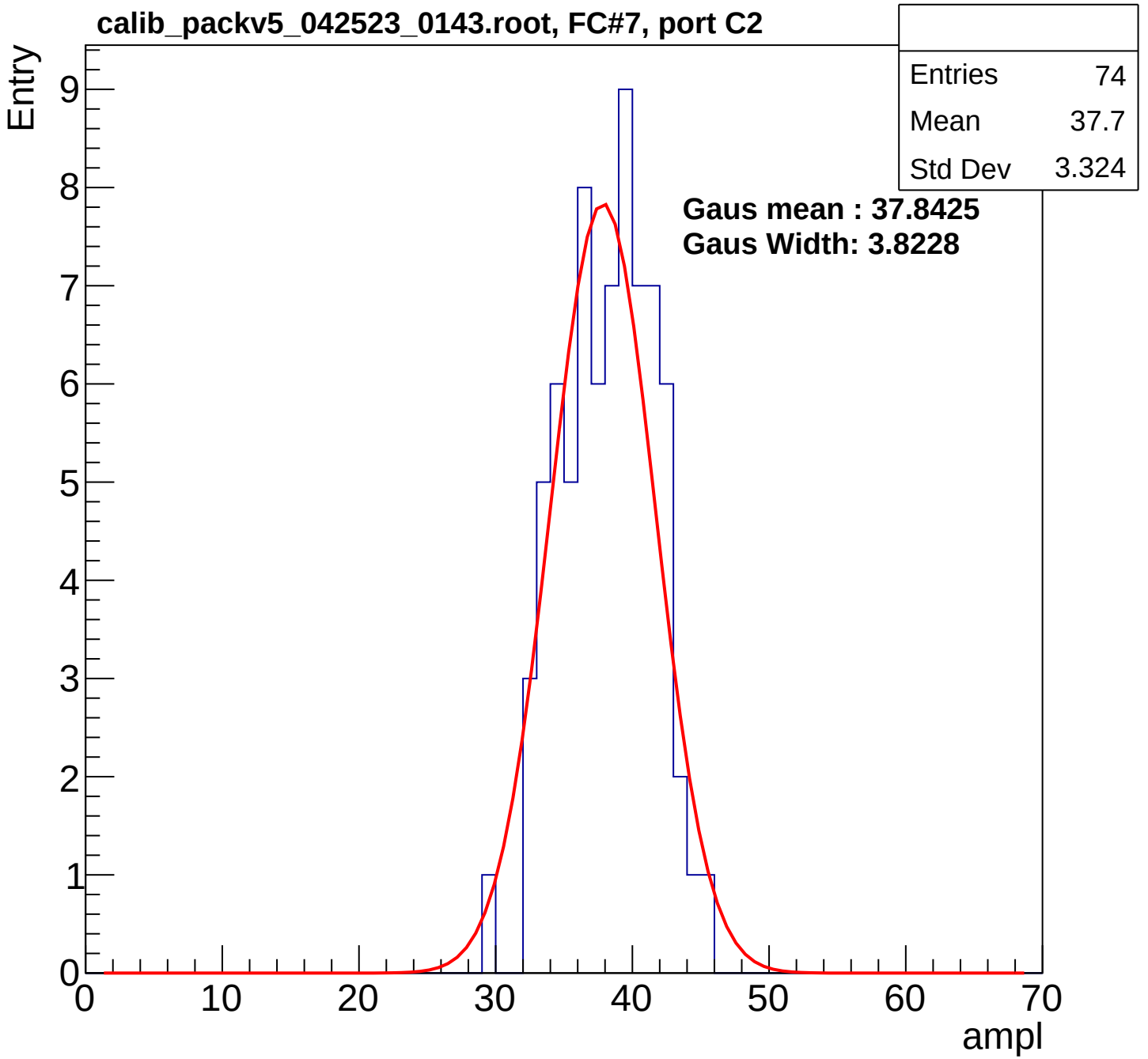
B1L103S, U11-ch54, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 37.7
Std Dev 3.324
Gaus mean : 37.8425
Gaus Width: 3.8228
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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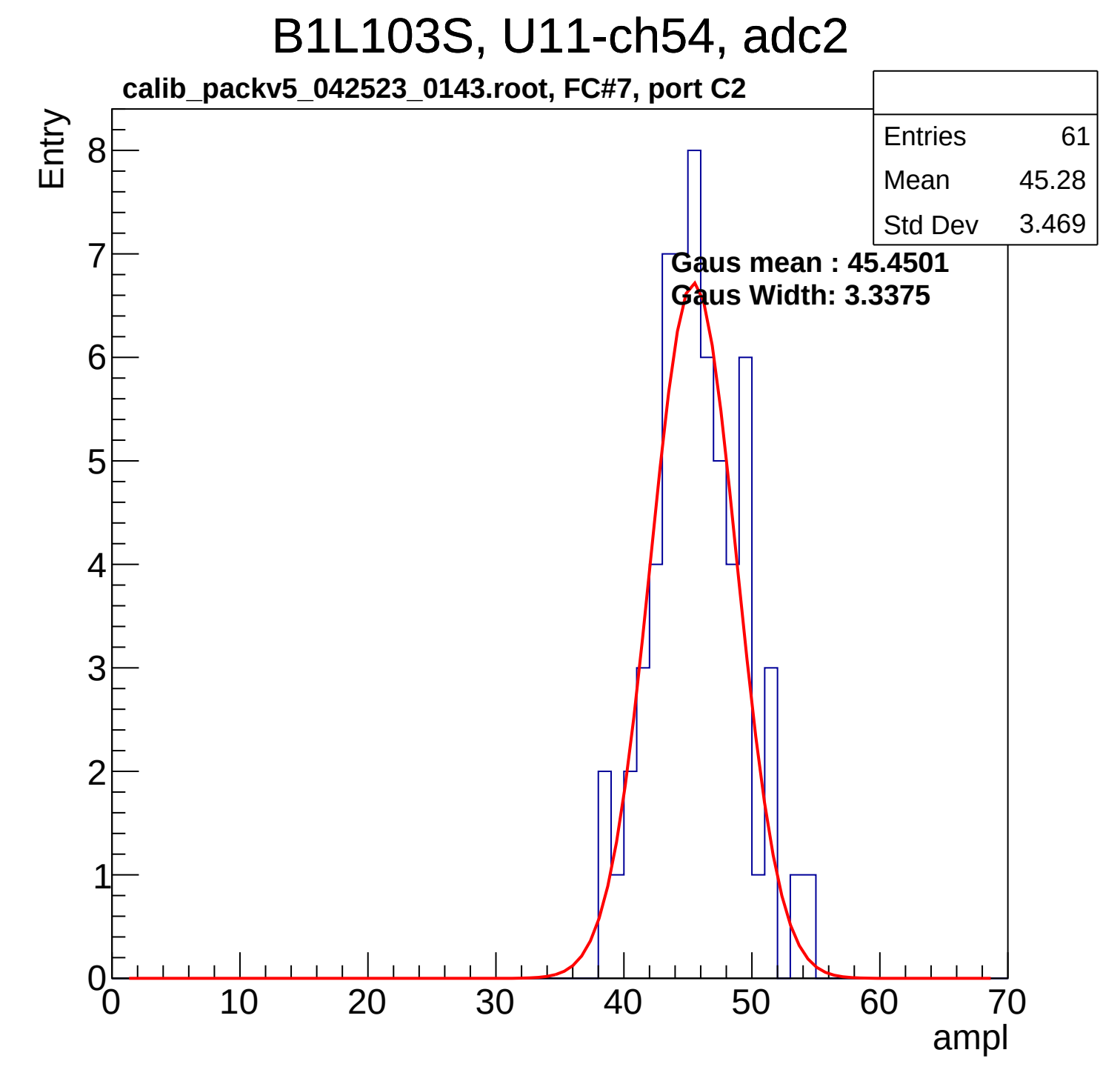
B1L103S, U11-ch54, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 45.28
Std Dev 3.469
Gaus mean : 45.4501
Gaus Width: 3.3375
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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20
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40
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60
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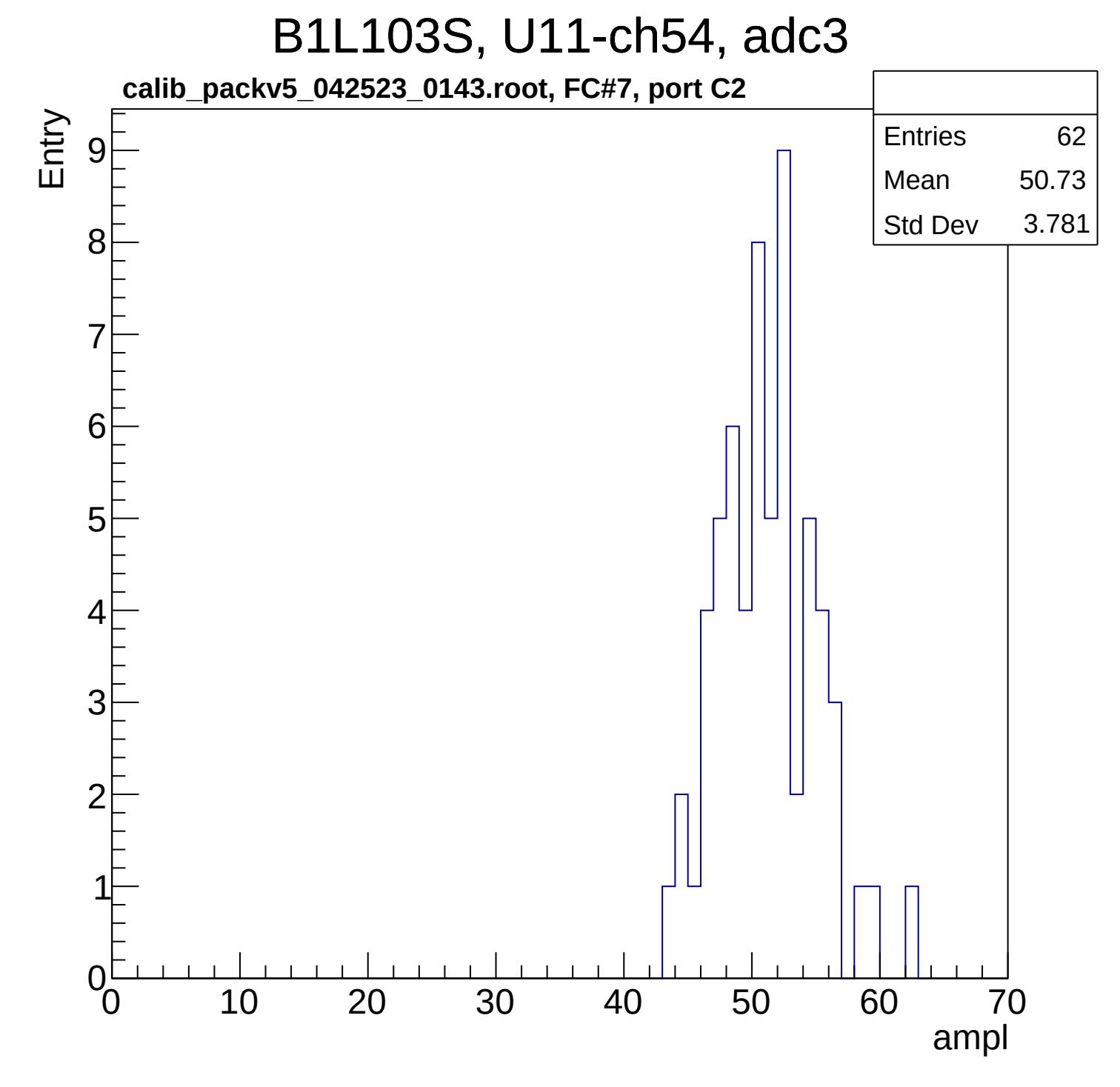
B1L103S, U11-ch54, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 50.73
Std Dev 3.781
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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60
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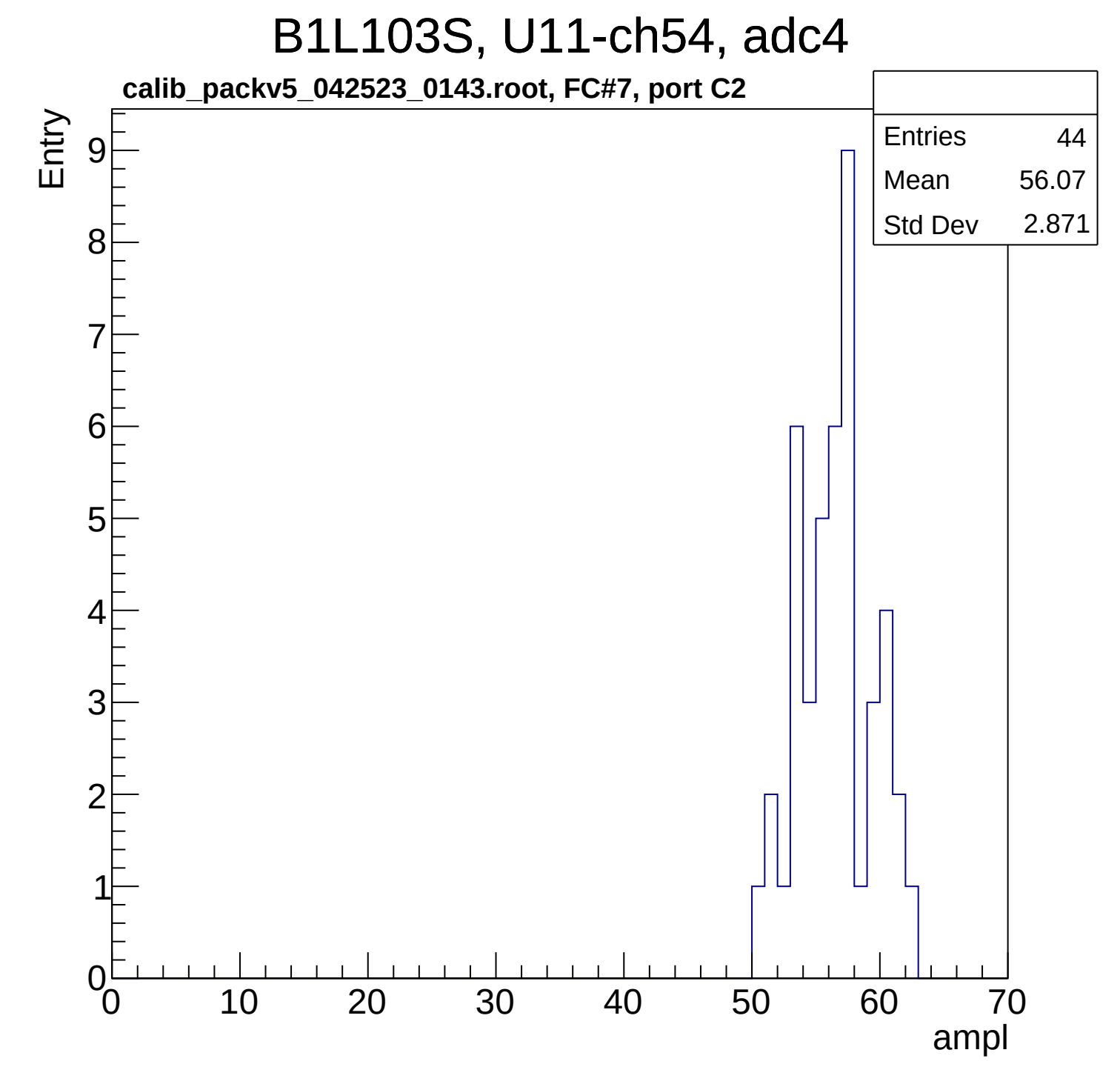
B1L103S, U11-ch54, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 44
Mean 56.07
Std Dev 2.871
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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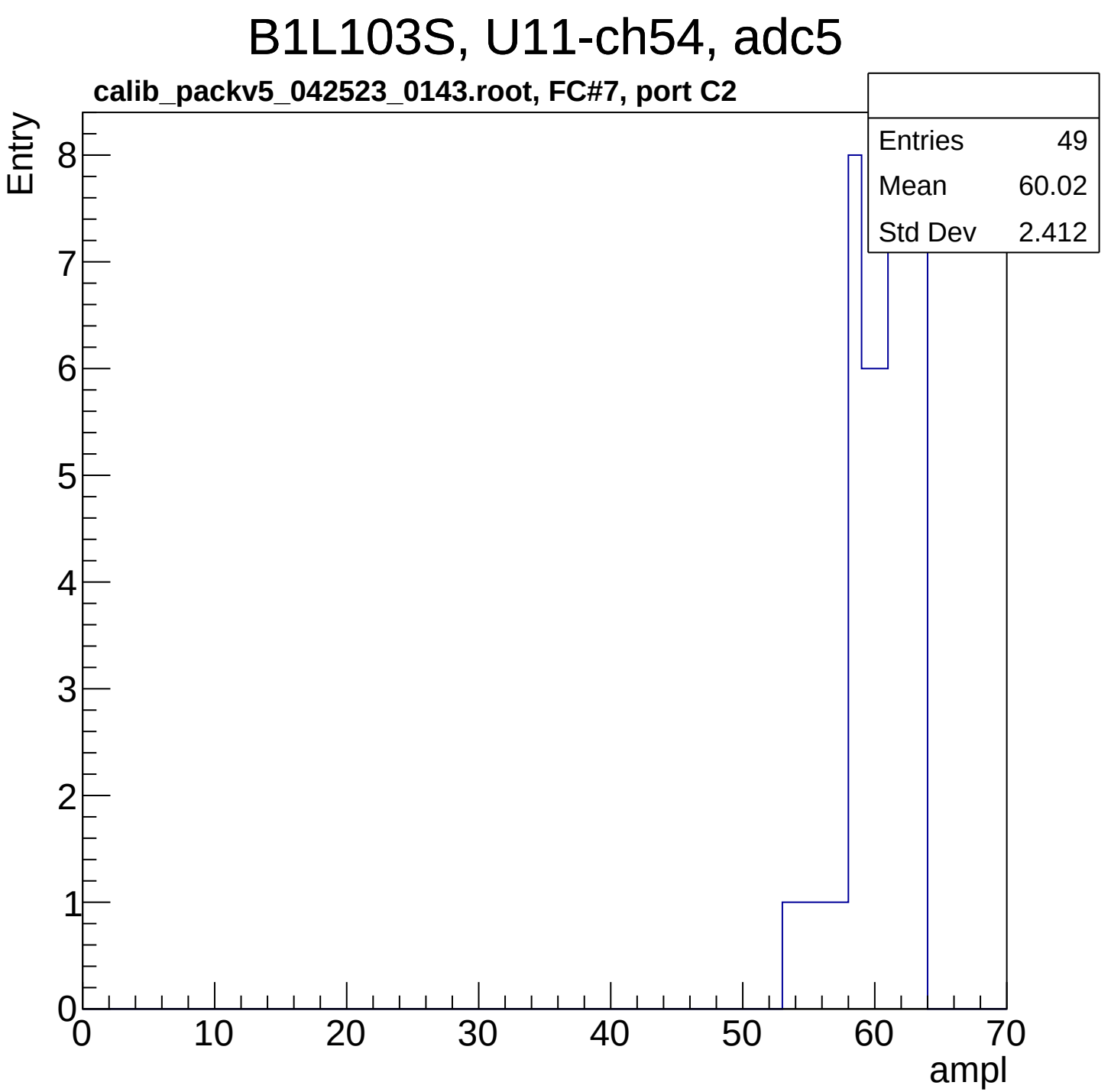
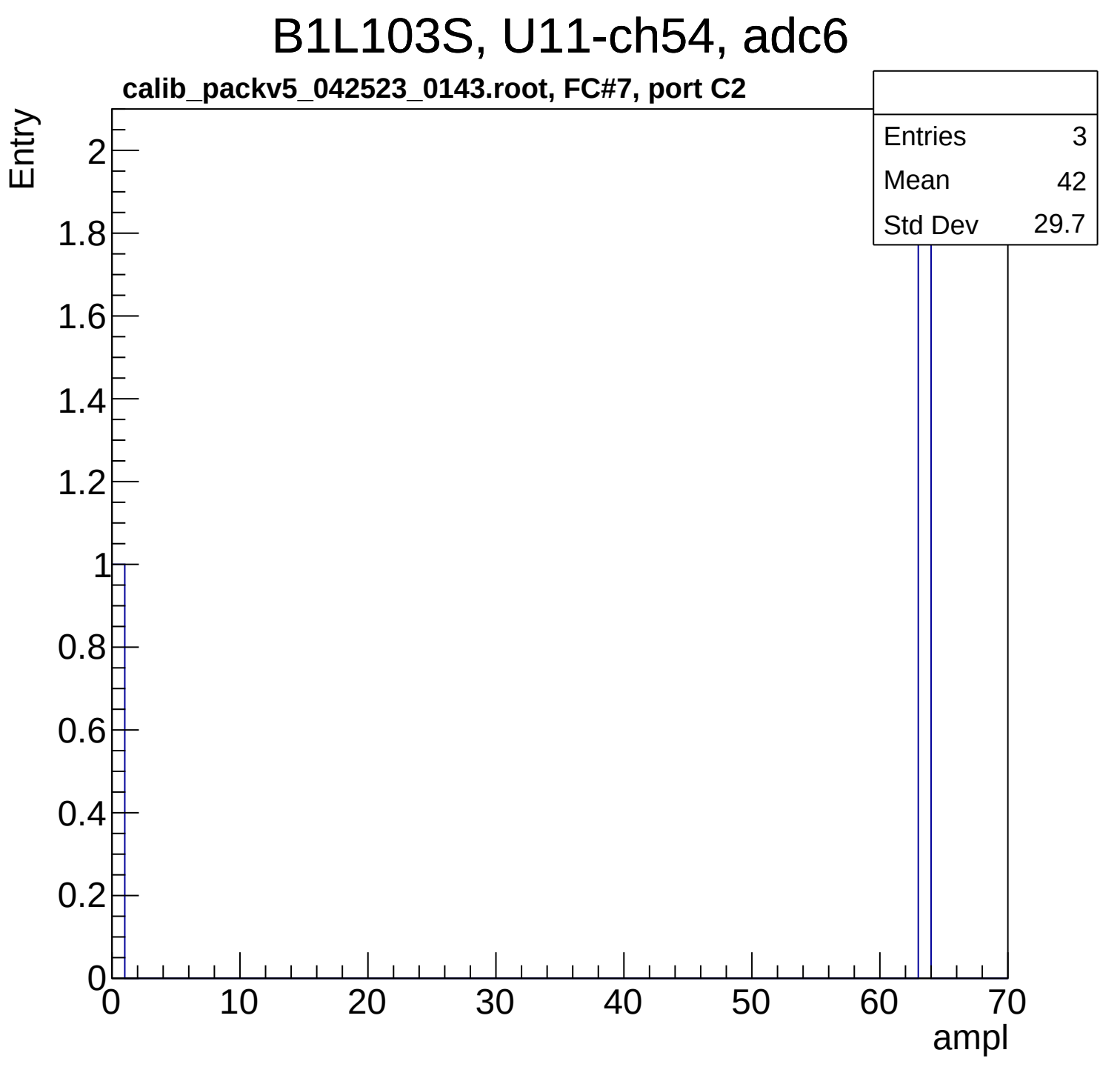

B1L103S, U11-ch54, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 60.02
Std Dev 2.412
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch54, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 42
Std Dev 29.7
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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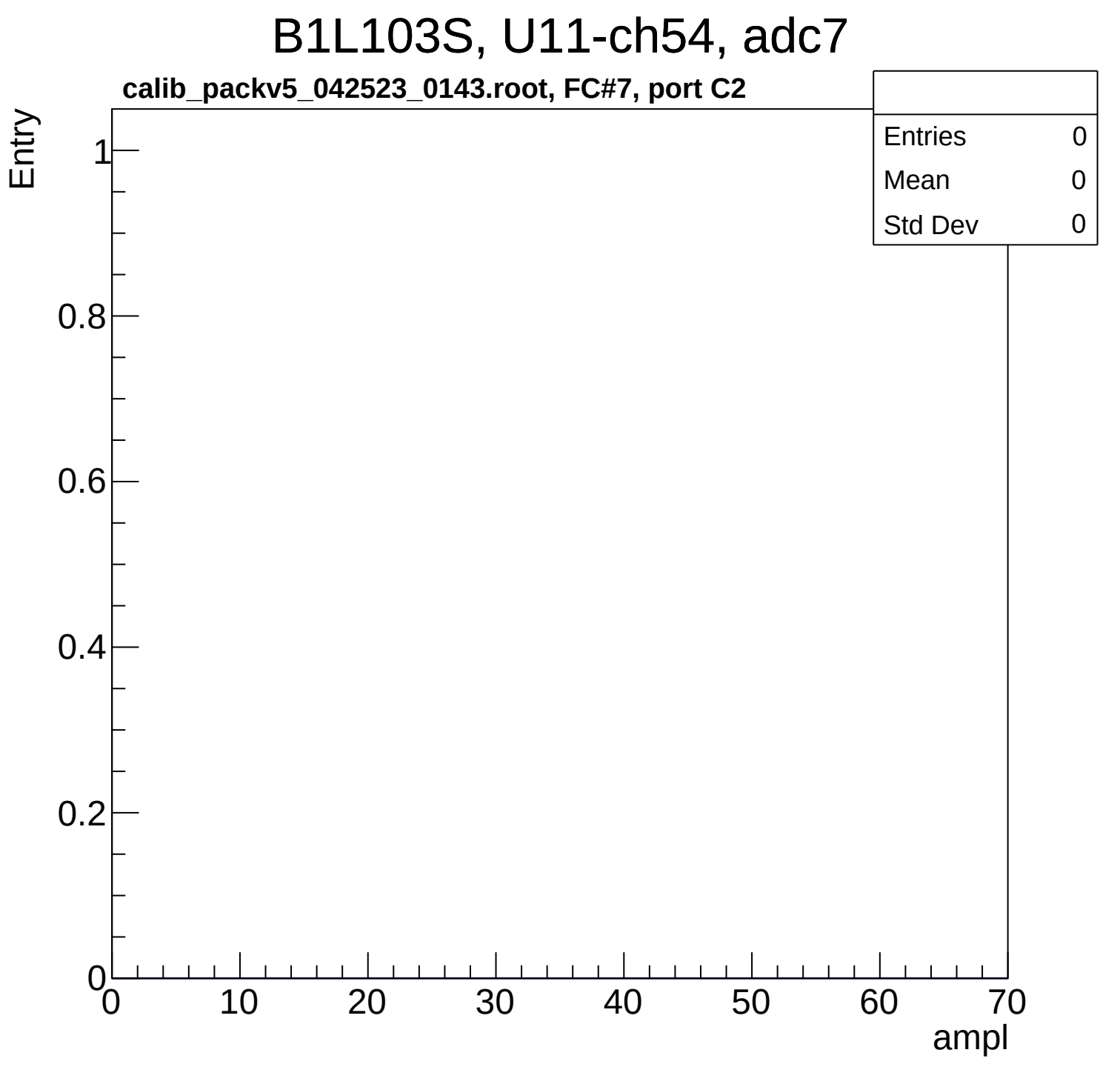
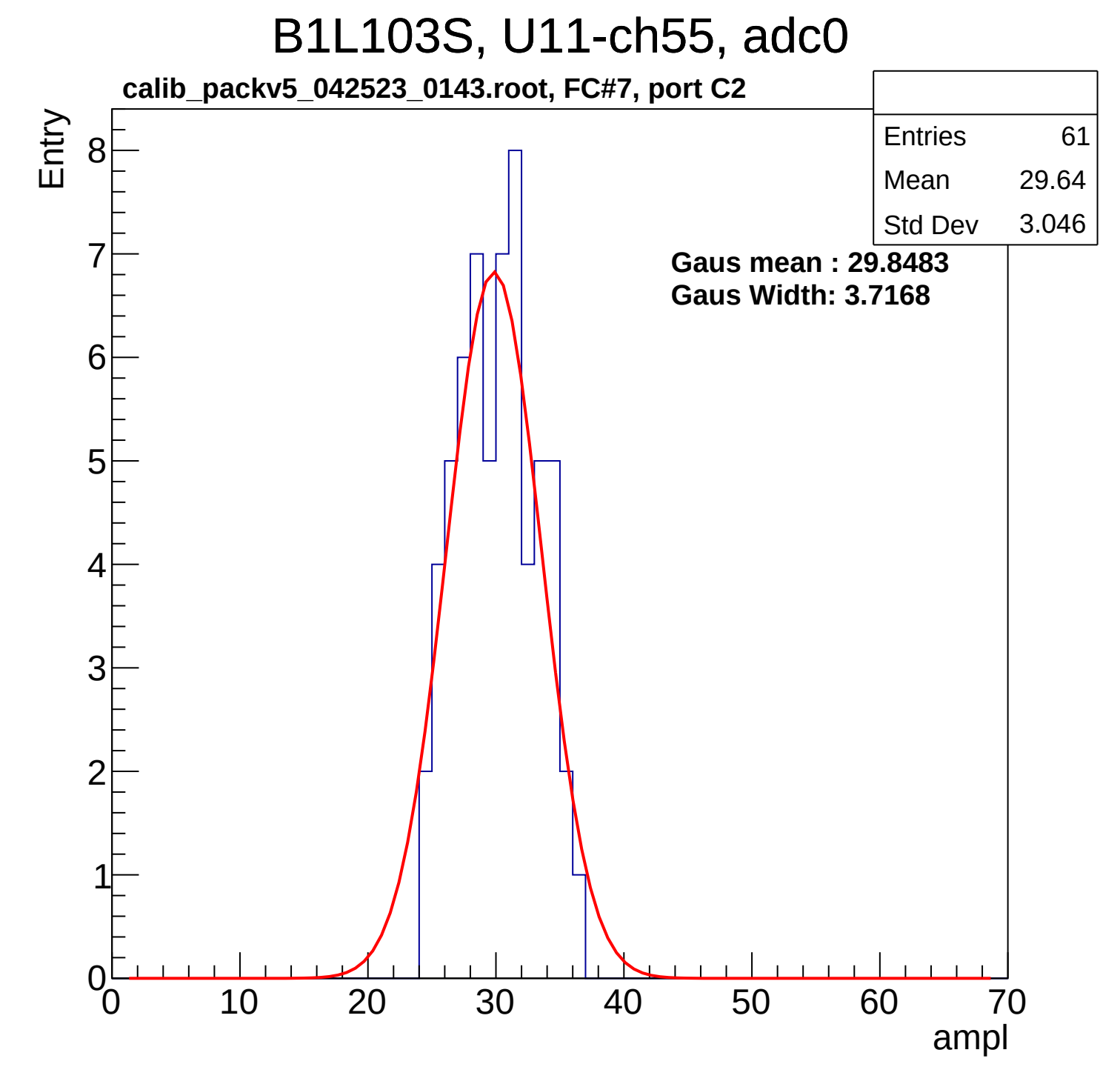

B1L103S, U11-ch54, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch55, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 29.64
Std Dev 3.046
Gaus mean : 29.8483
Gaus Width: 3.7168
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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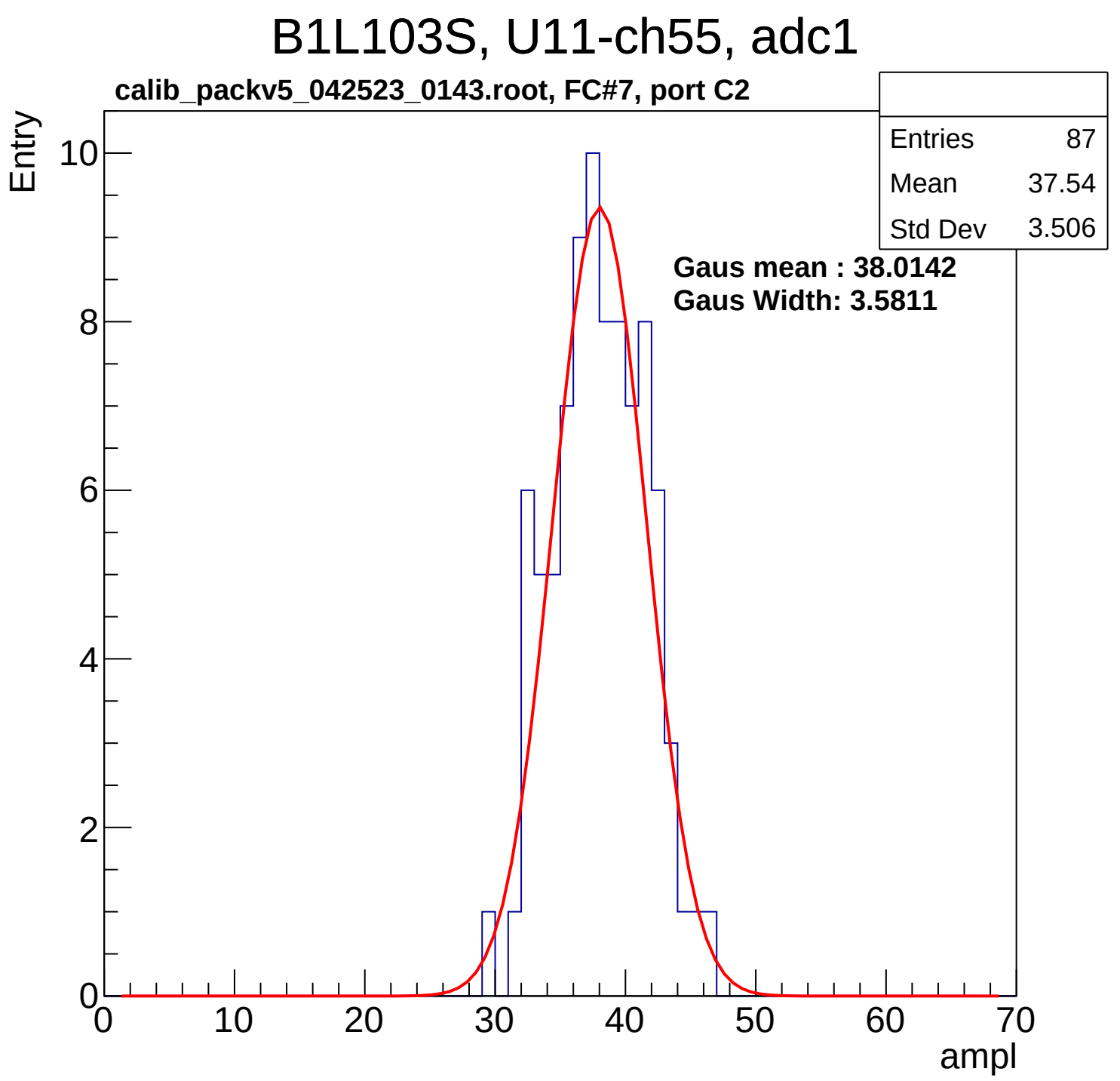
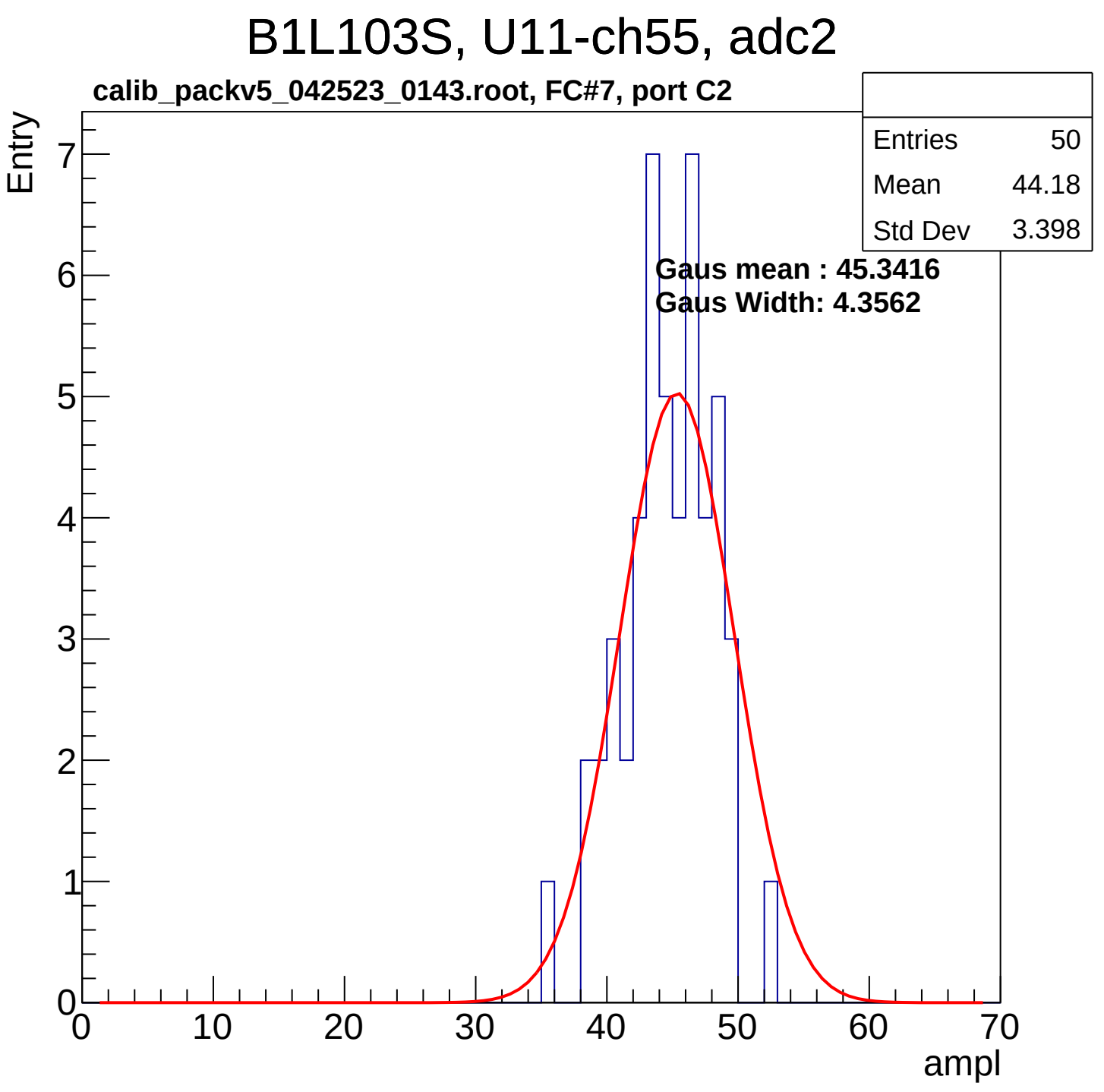

B1L103S, U11-ch55, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 87
Mean 37.54
Std Dev 3.506
Gaus mean : 38.0142
Gaus Width: 3.5811
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch55, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 50
Mean 44.18
Std Dev 3.398
Gaus mean : 45.3416
Gaus Width: 4.3562
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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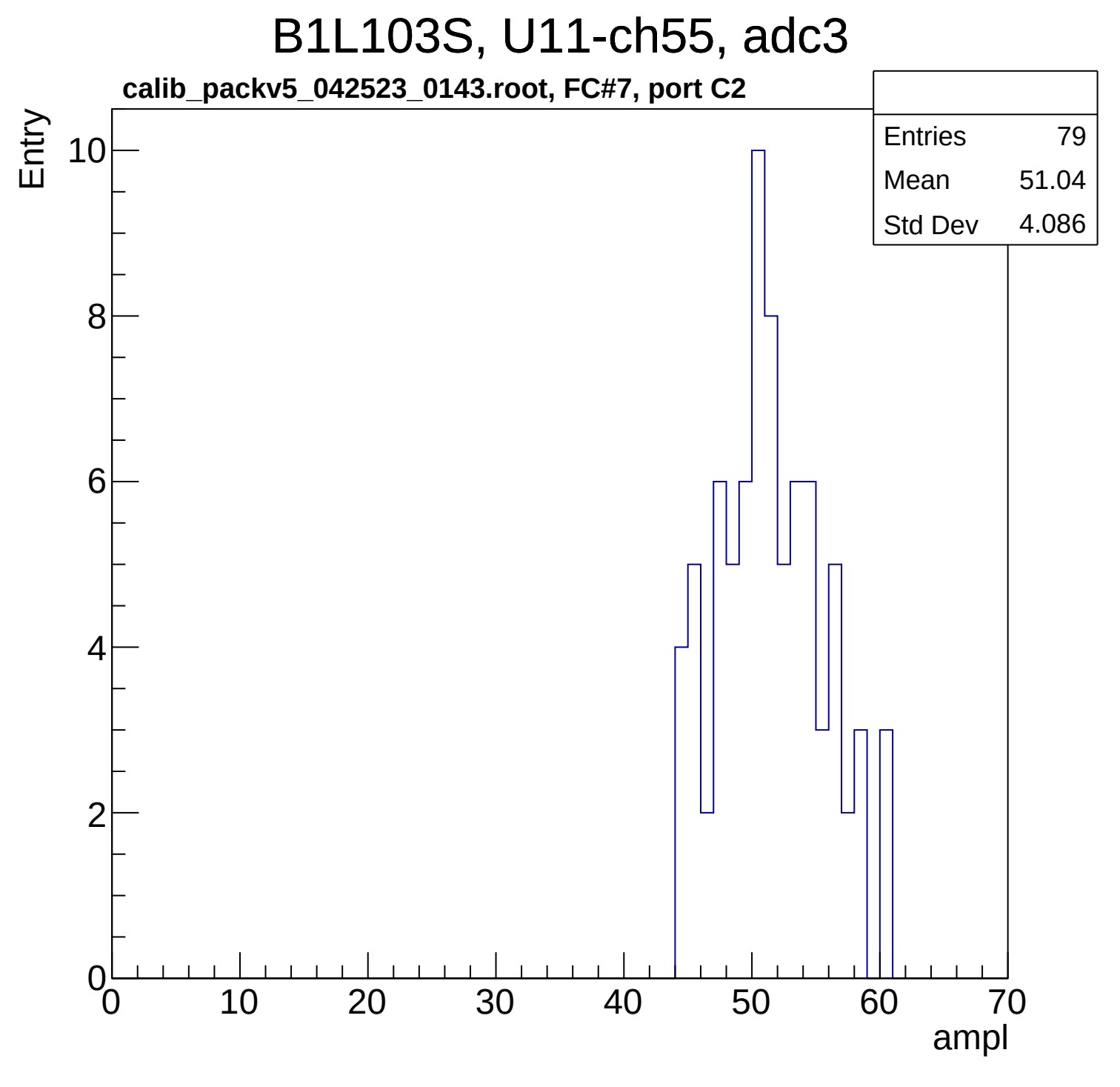
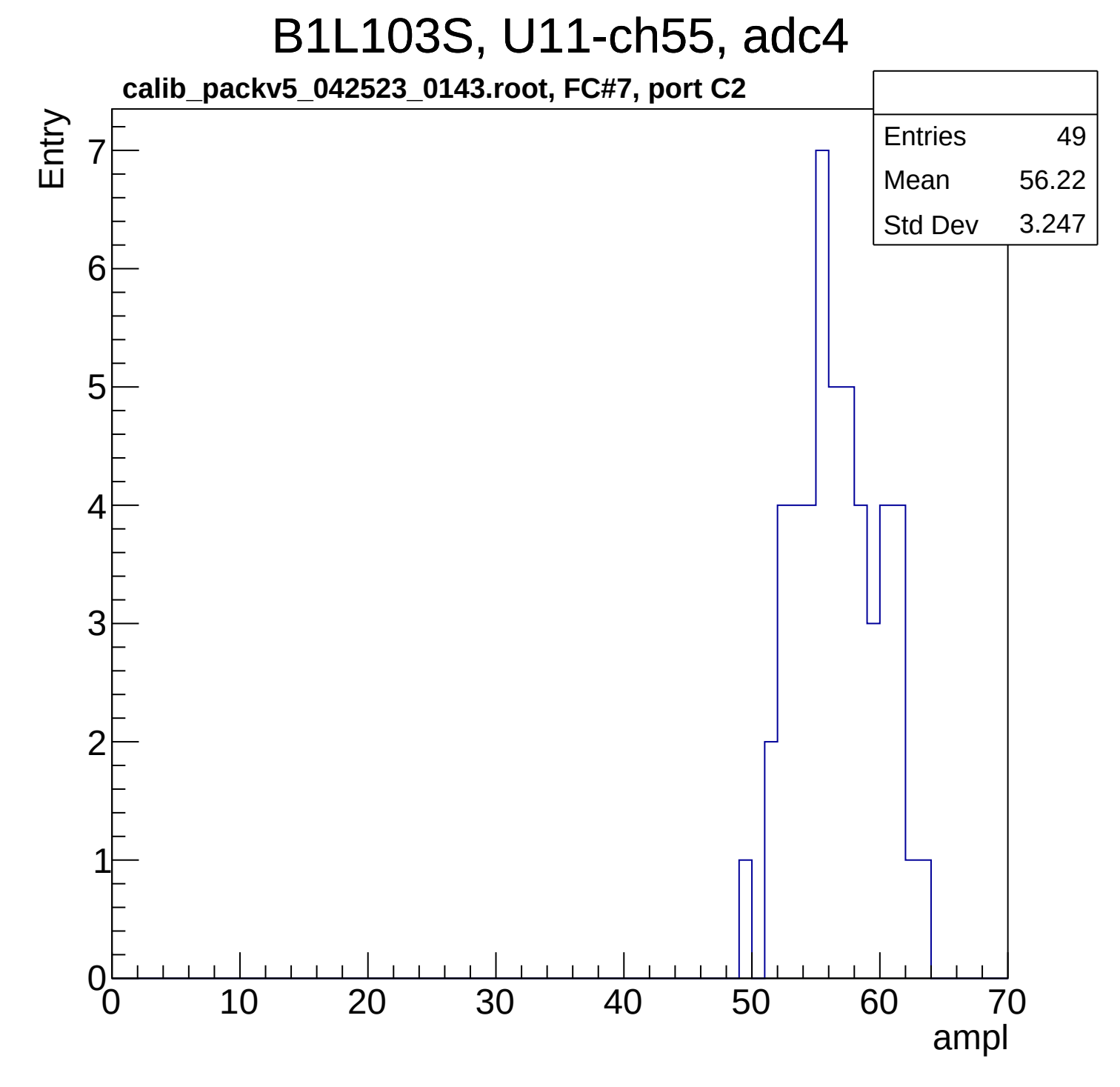

B1L103S, U11-ch55, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 79
Mean 51.04
Std Dev 4.086
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch55, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 56.22
Std Dev 3.247
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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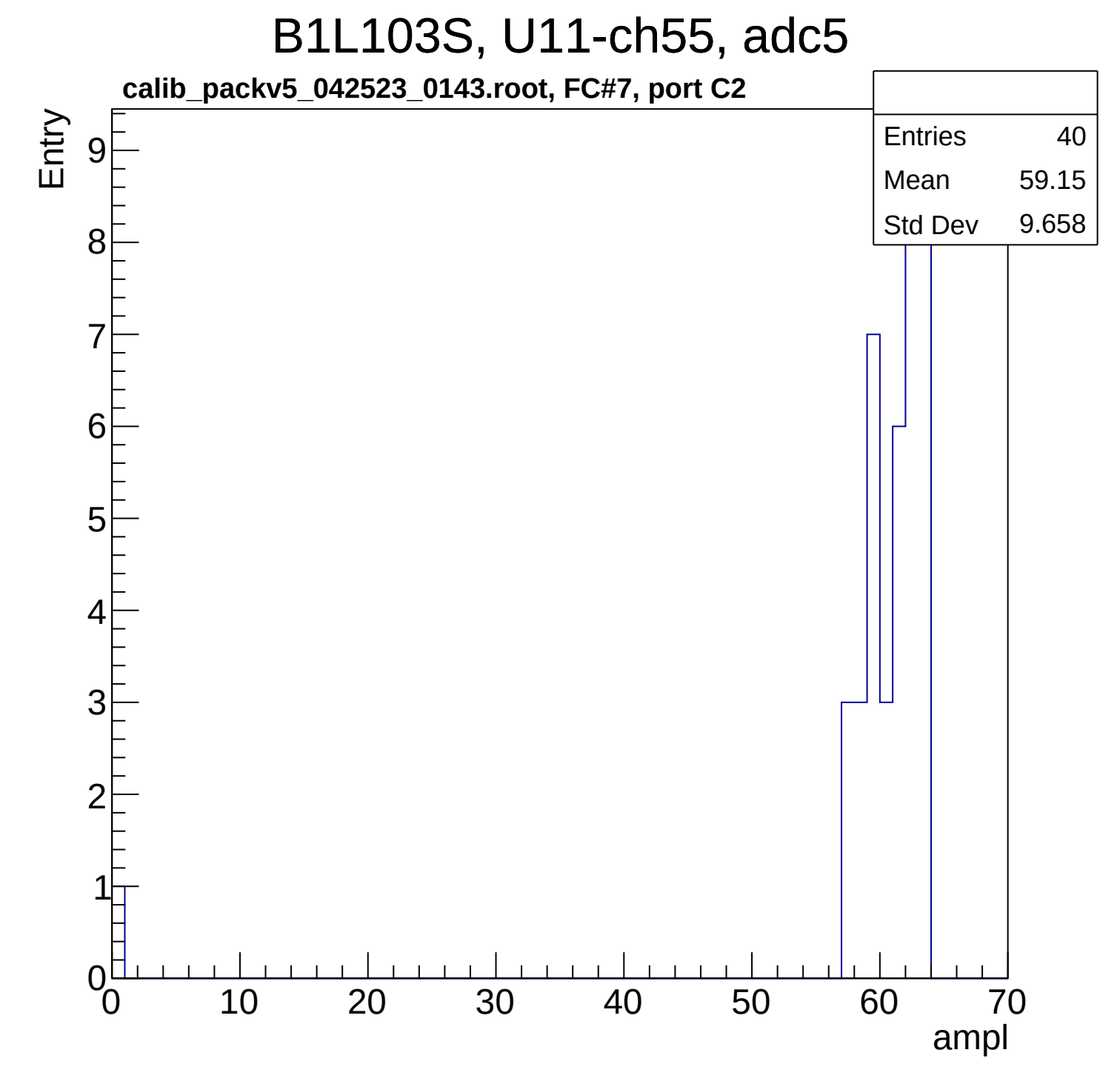
B1L103S, U11-ch55, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 40
Mean 59.15
Std Dev 9.658
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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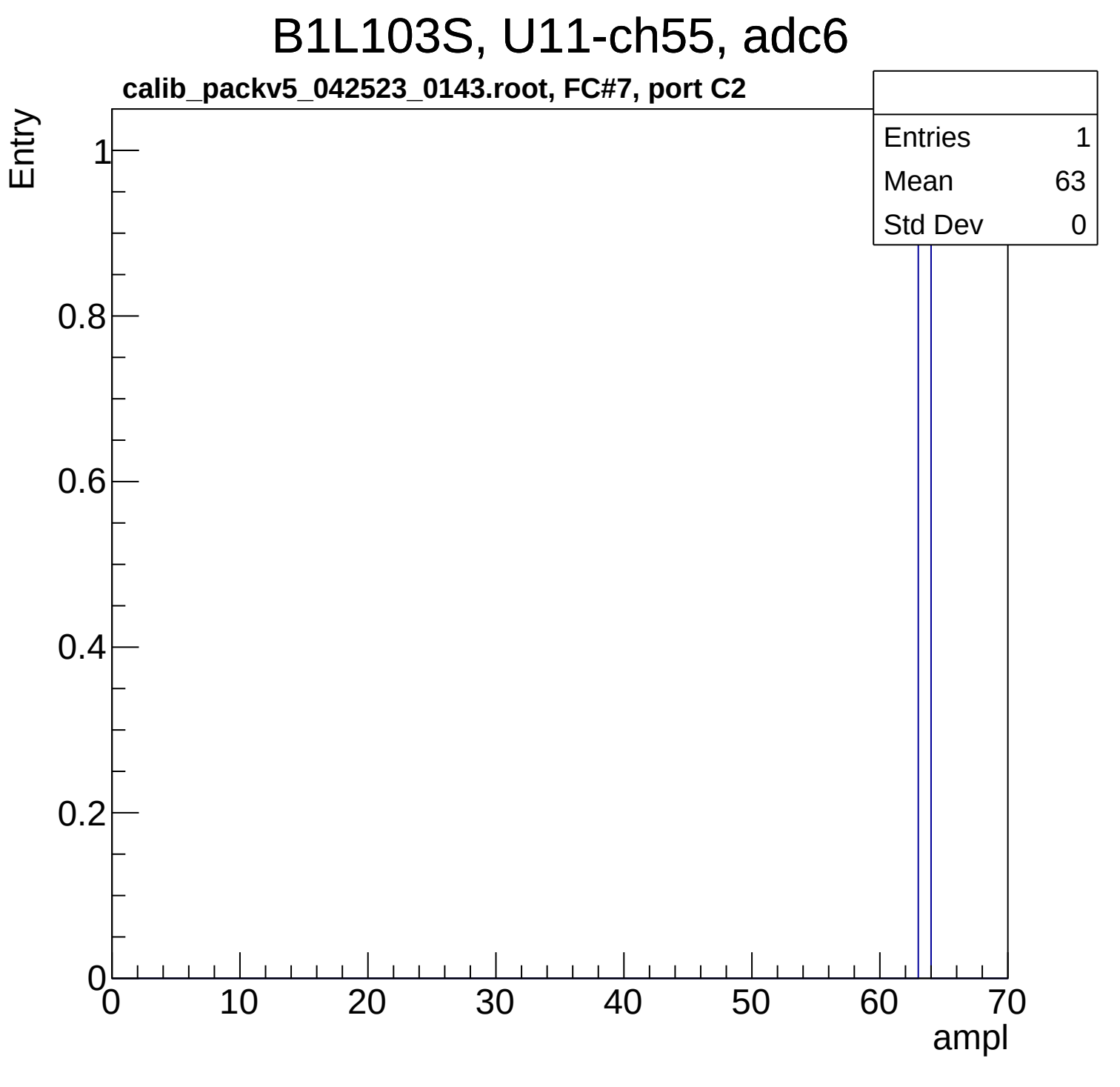
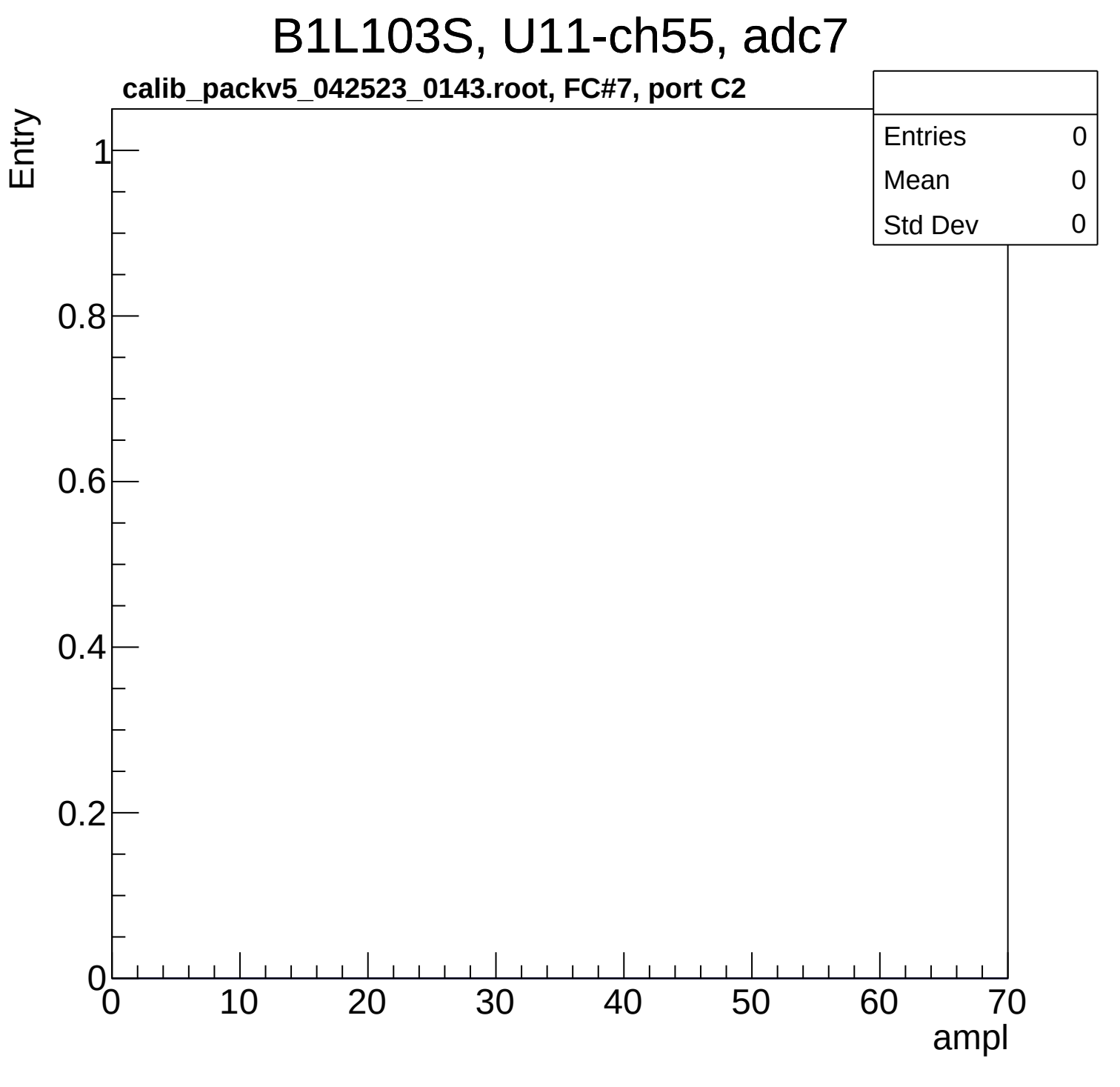
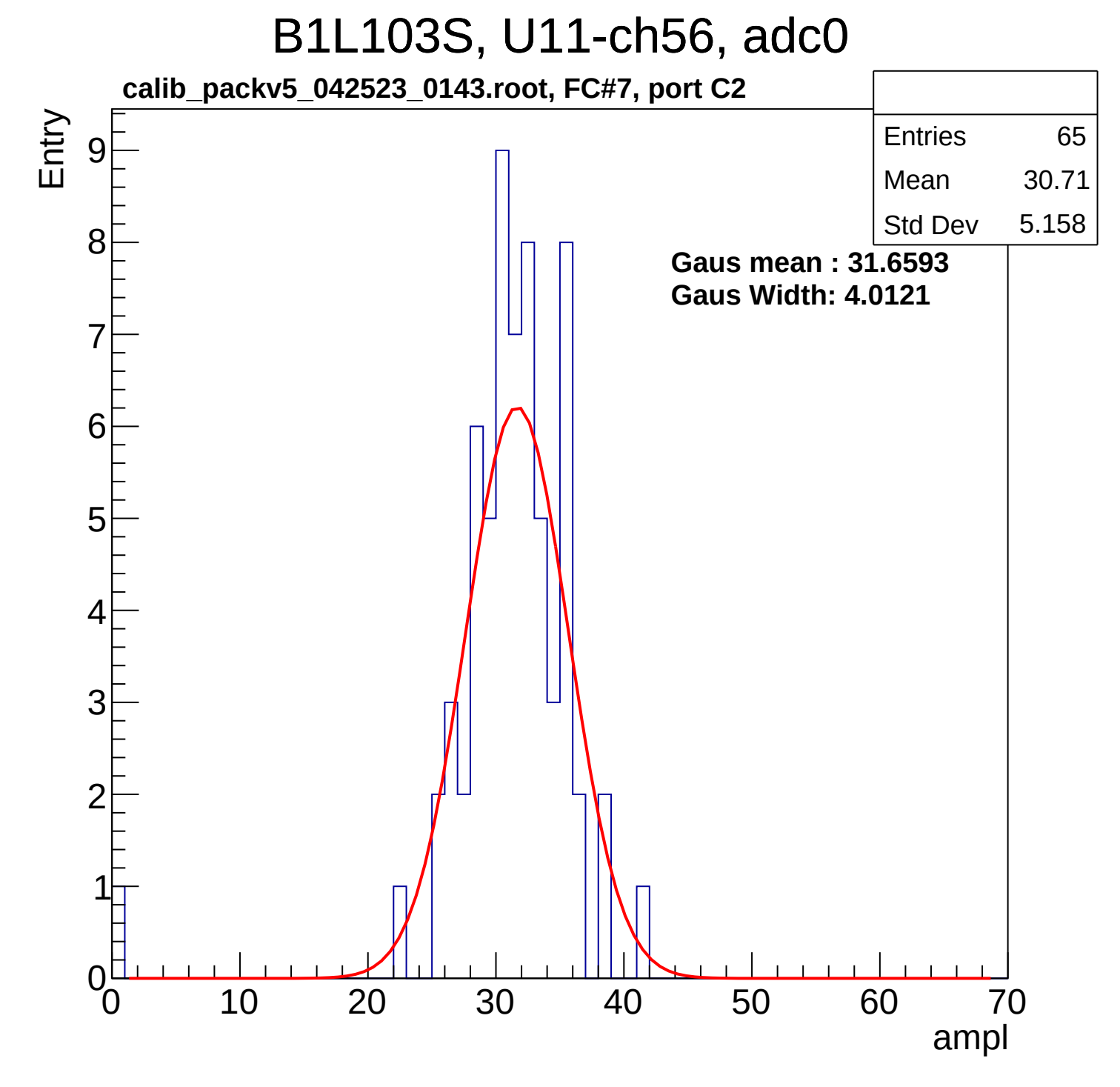
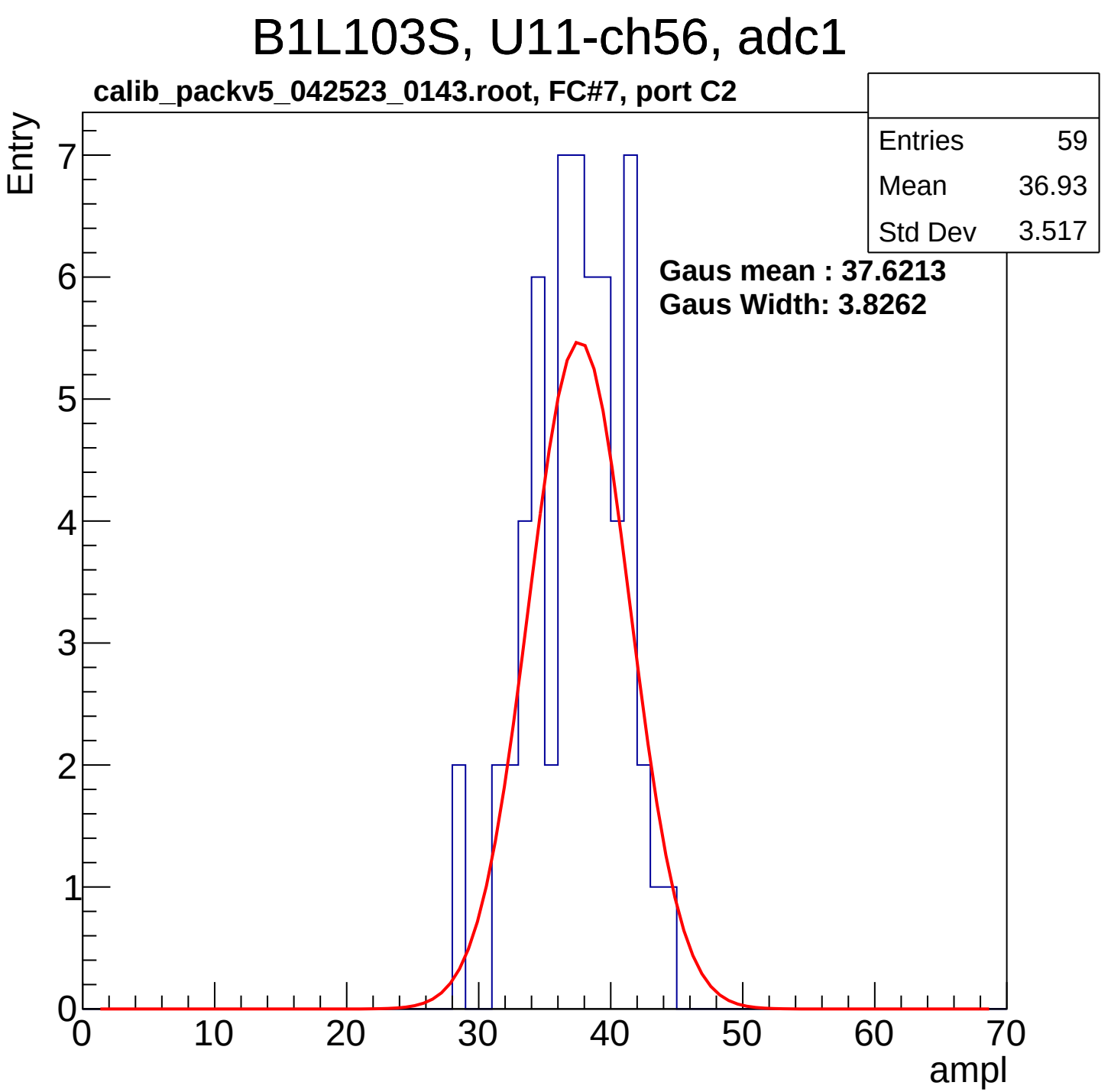

B1L103S, U11-ch55, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch55, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch56, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 30.71
Std Dev 5.158
Gaus mean : 31.6593
Gaus Width: 4.0121
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch56, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 36.93
Std Dev 3.517
Gaus mean : 37.6213
Gaus Width: 3.8262
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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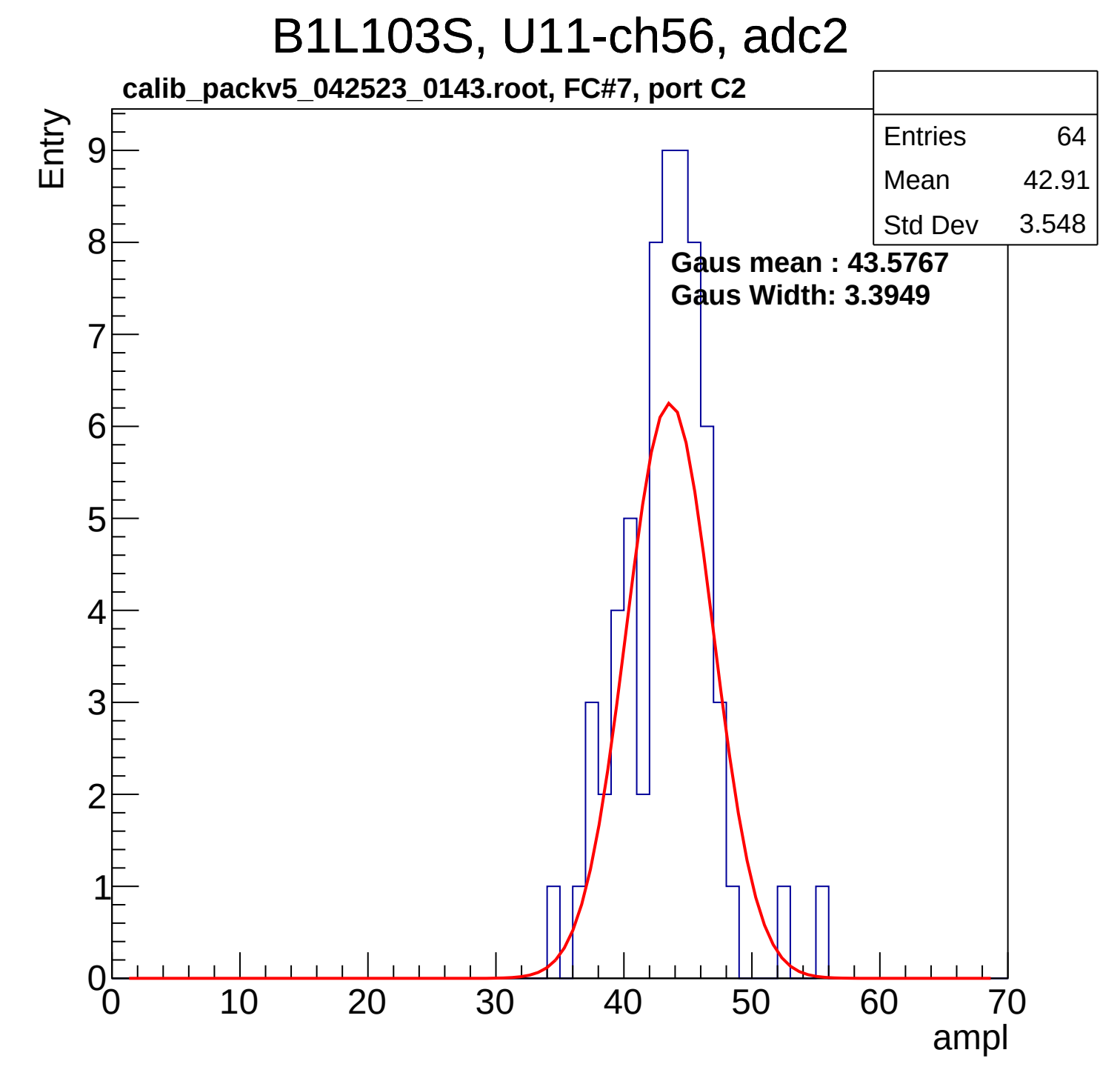
B1L103S, U11-ch56, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 42.91
Std Dev 3.548
Gaus mean : 43.5767
Gaus Width: 3.3949
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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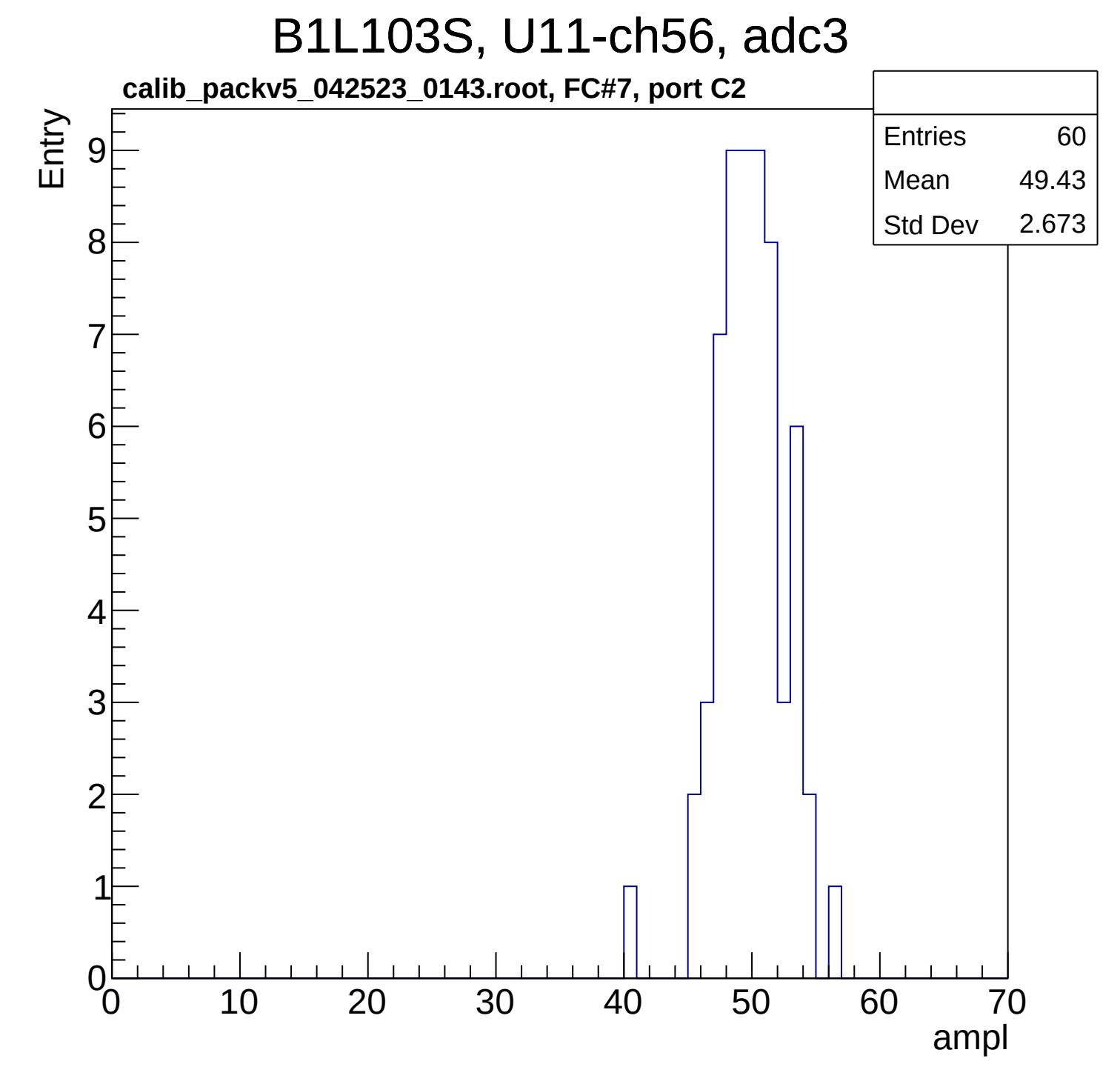
B1L103S, U11-ch56, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 49.43
Std Dev 2.673
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
50
60
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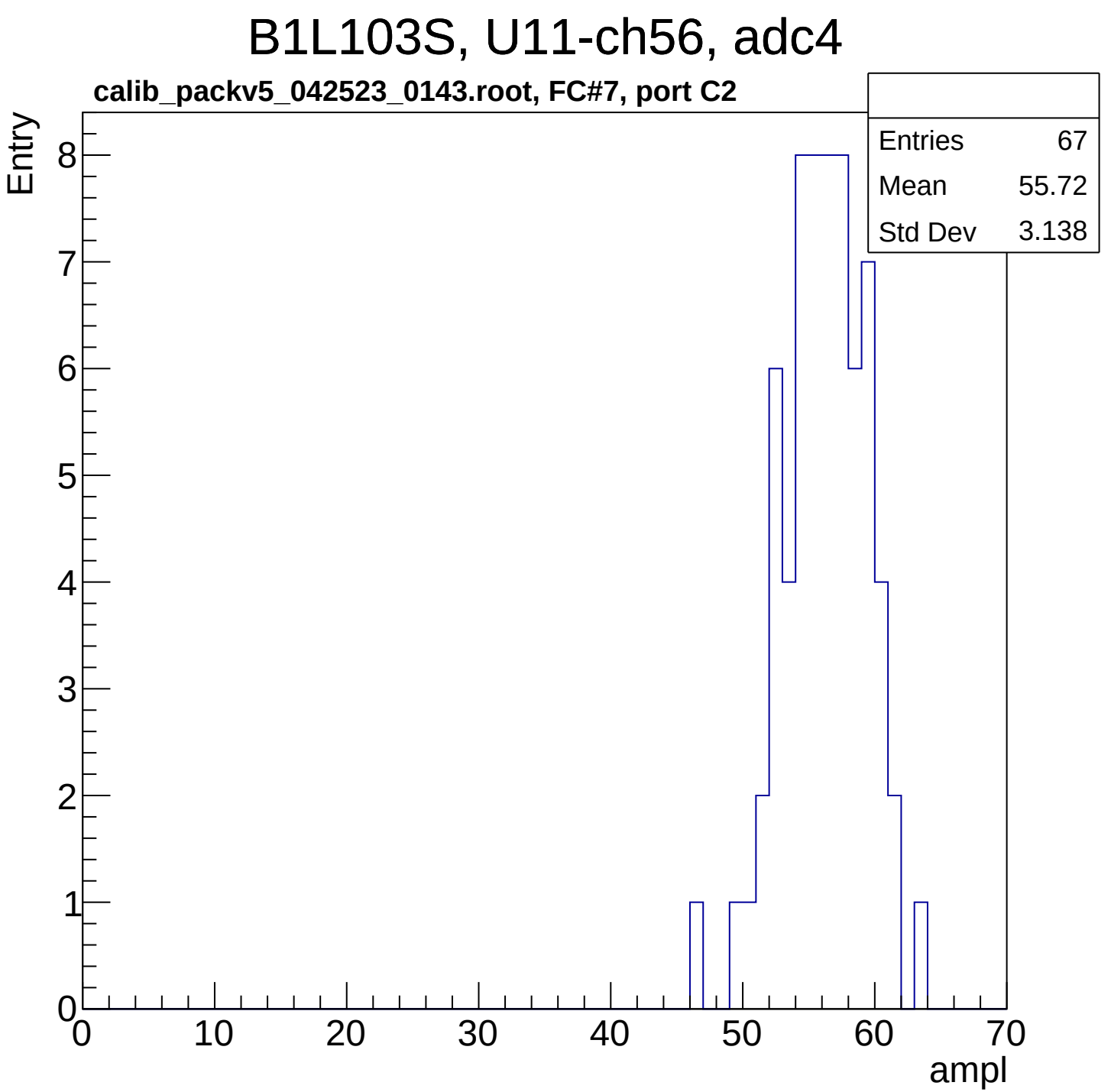
B1L103S, U11-ch56, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 55.72
Std Dev 3.138
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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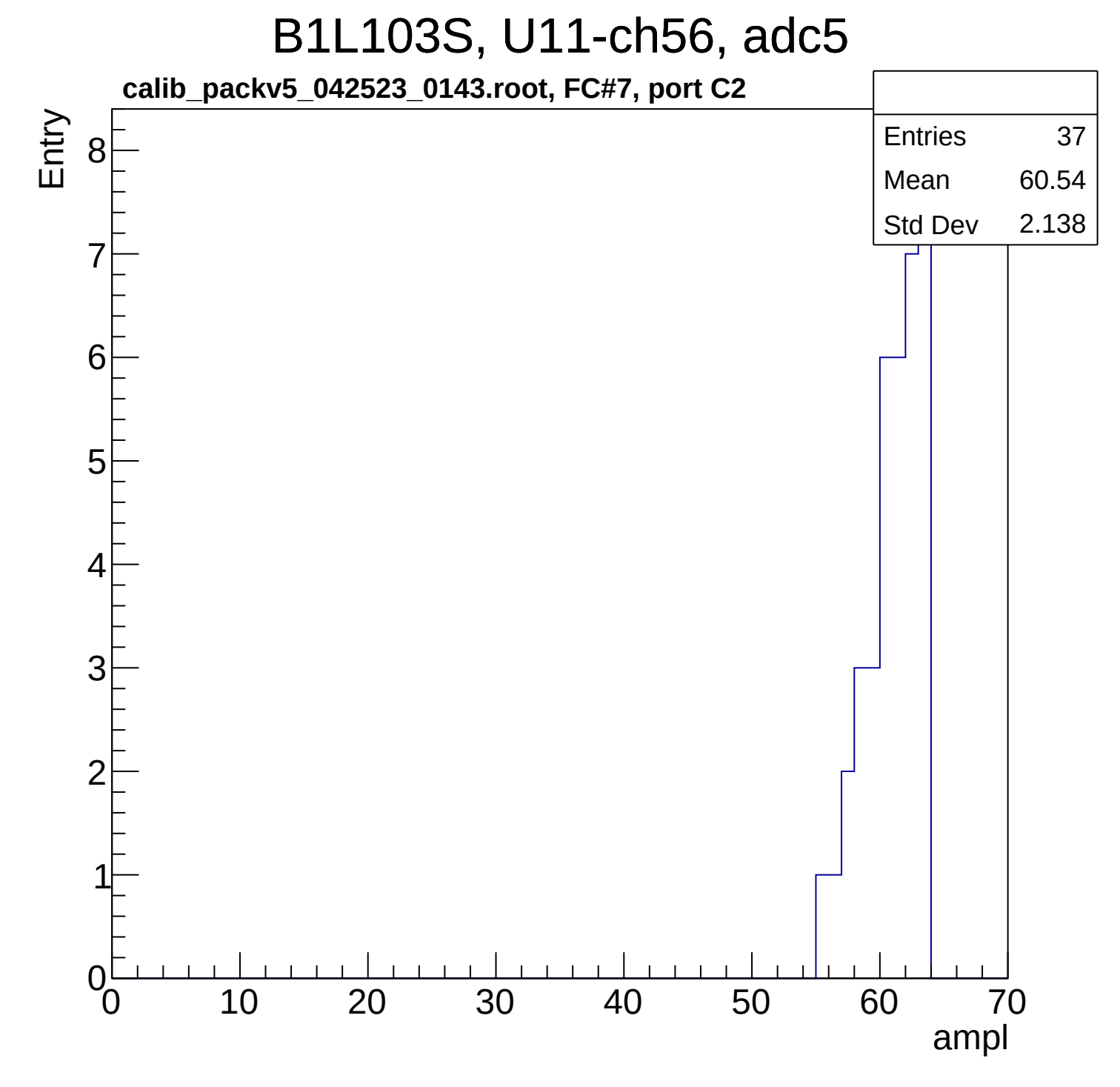
B1L103S, U11-ch56, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 37
Mean 60.54
Std Dev 2.138
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
30
40
50
60
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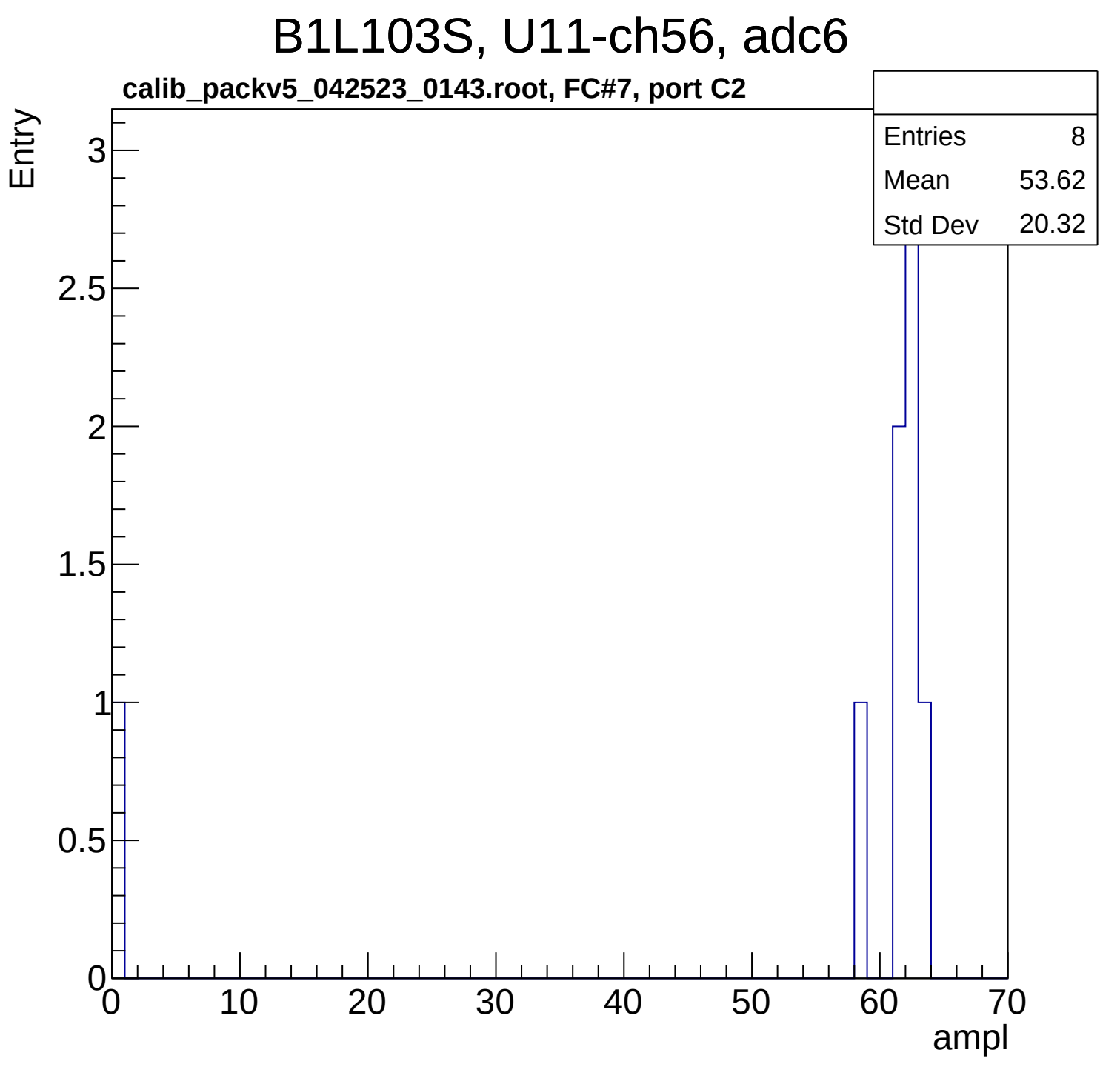
B1L103S, U11-ch56, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 8
Mean 53.62
Std Dev 20.32
Entry
ampl
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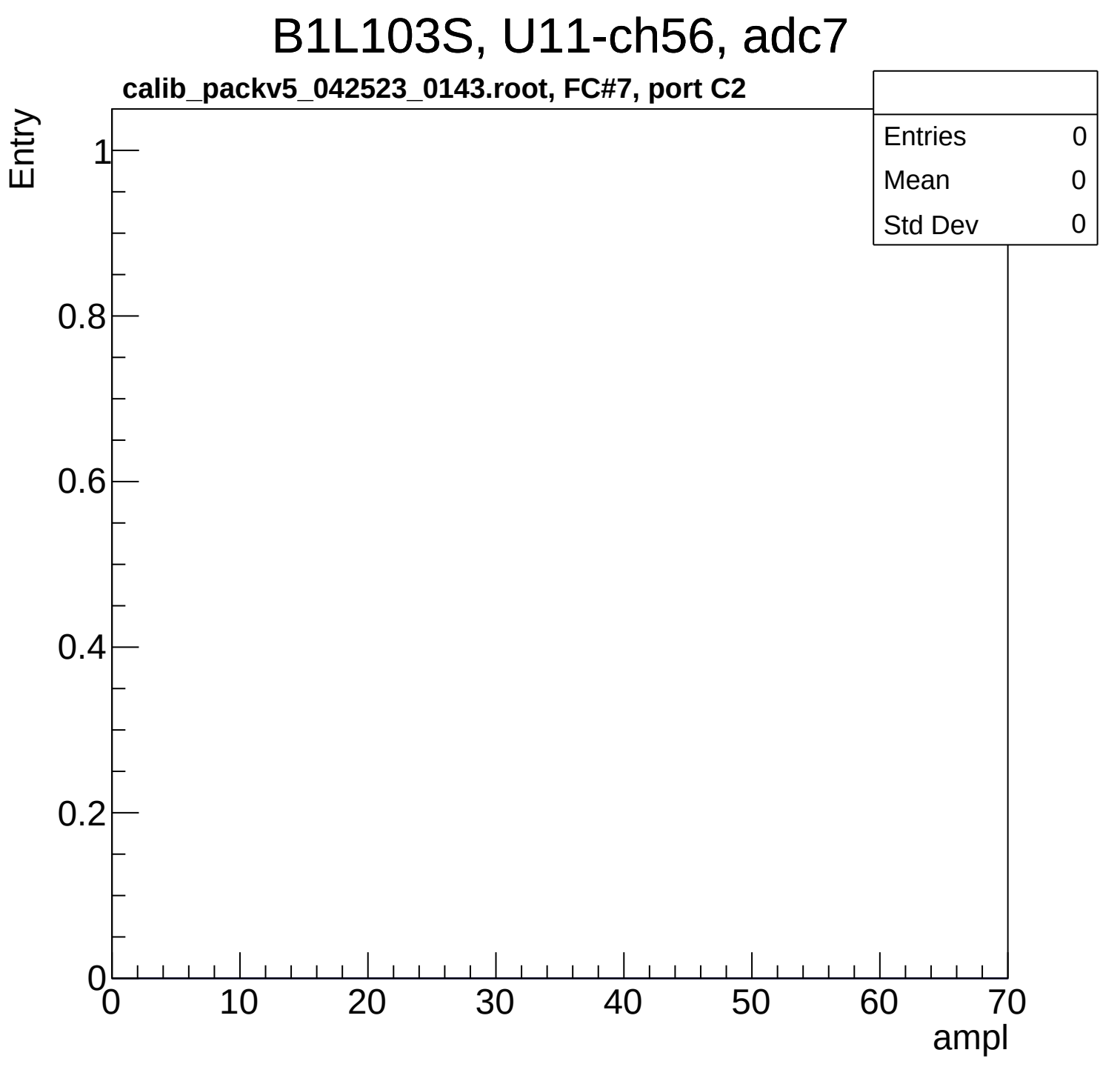
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U11-ch56, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
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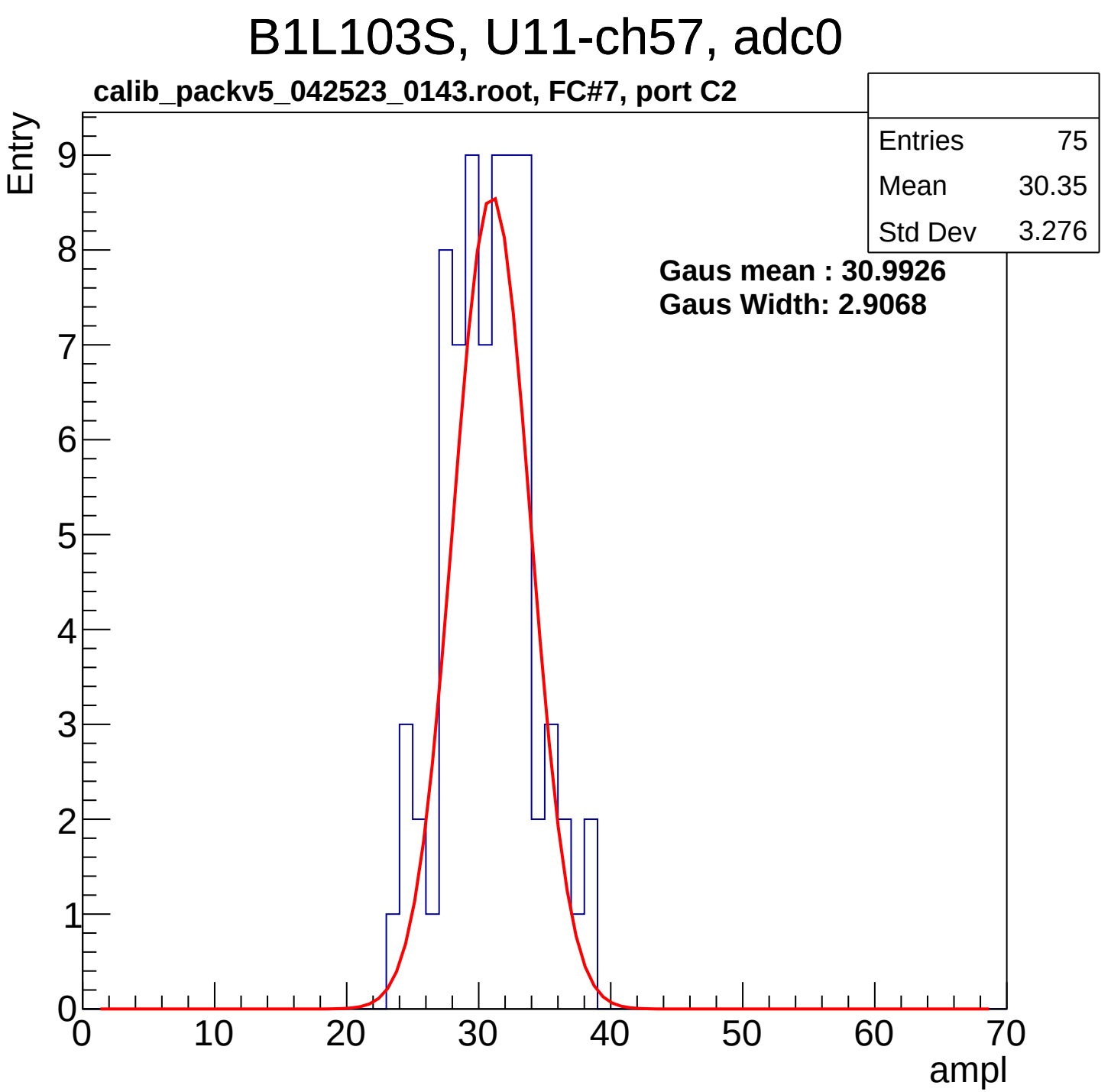
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch57, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 75
Mean 30.35
Std Dev 3.276
Gaus mean : 30.9926
Gaus Width: 2.9068
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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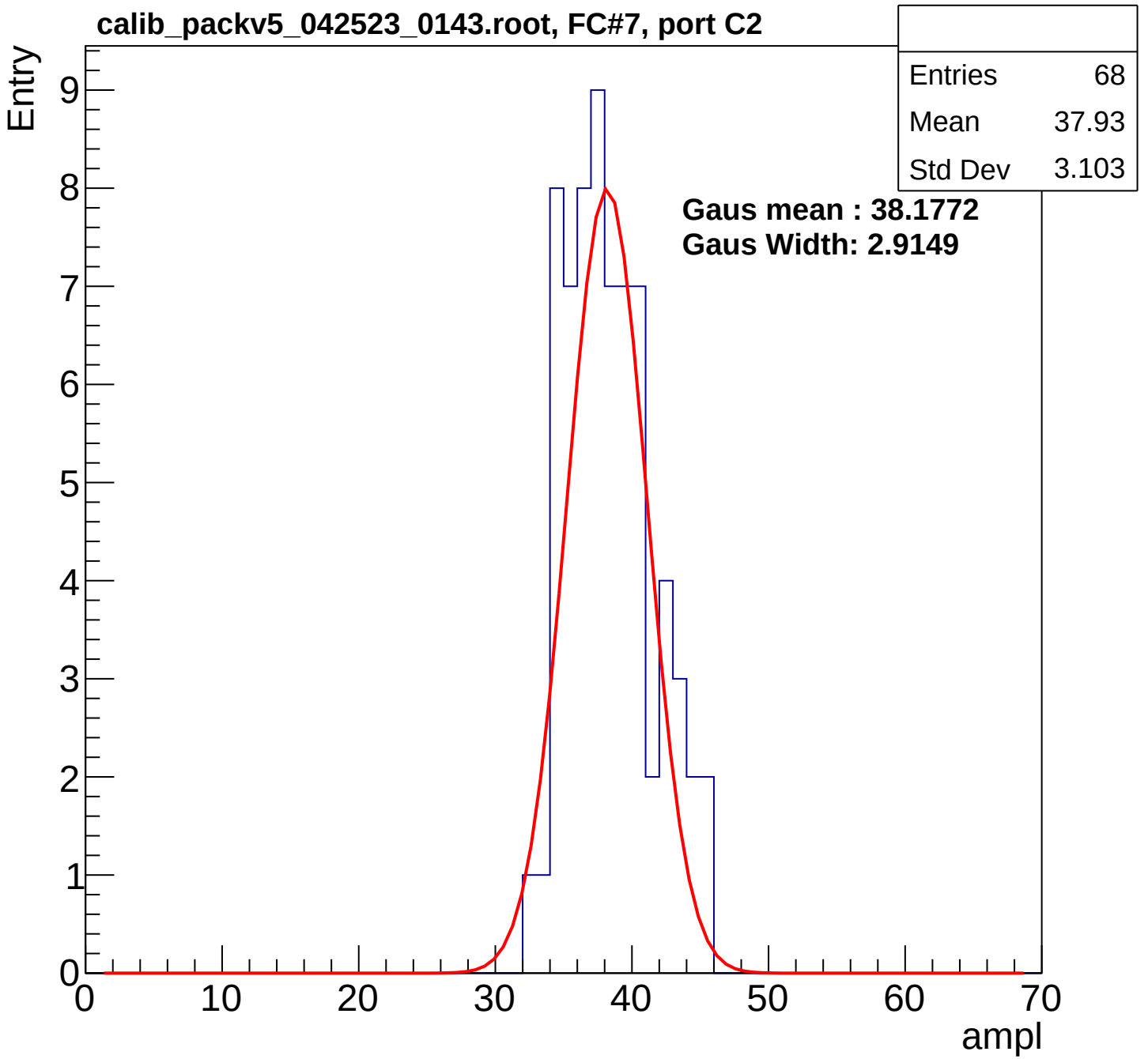
B1L103S, U11-ch57, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 37.93
Std Dev 3.103
Gaus mean : 38.1772
Gaus Width: 2.9149
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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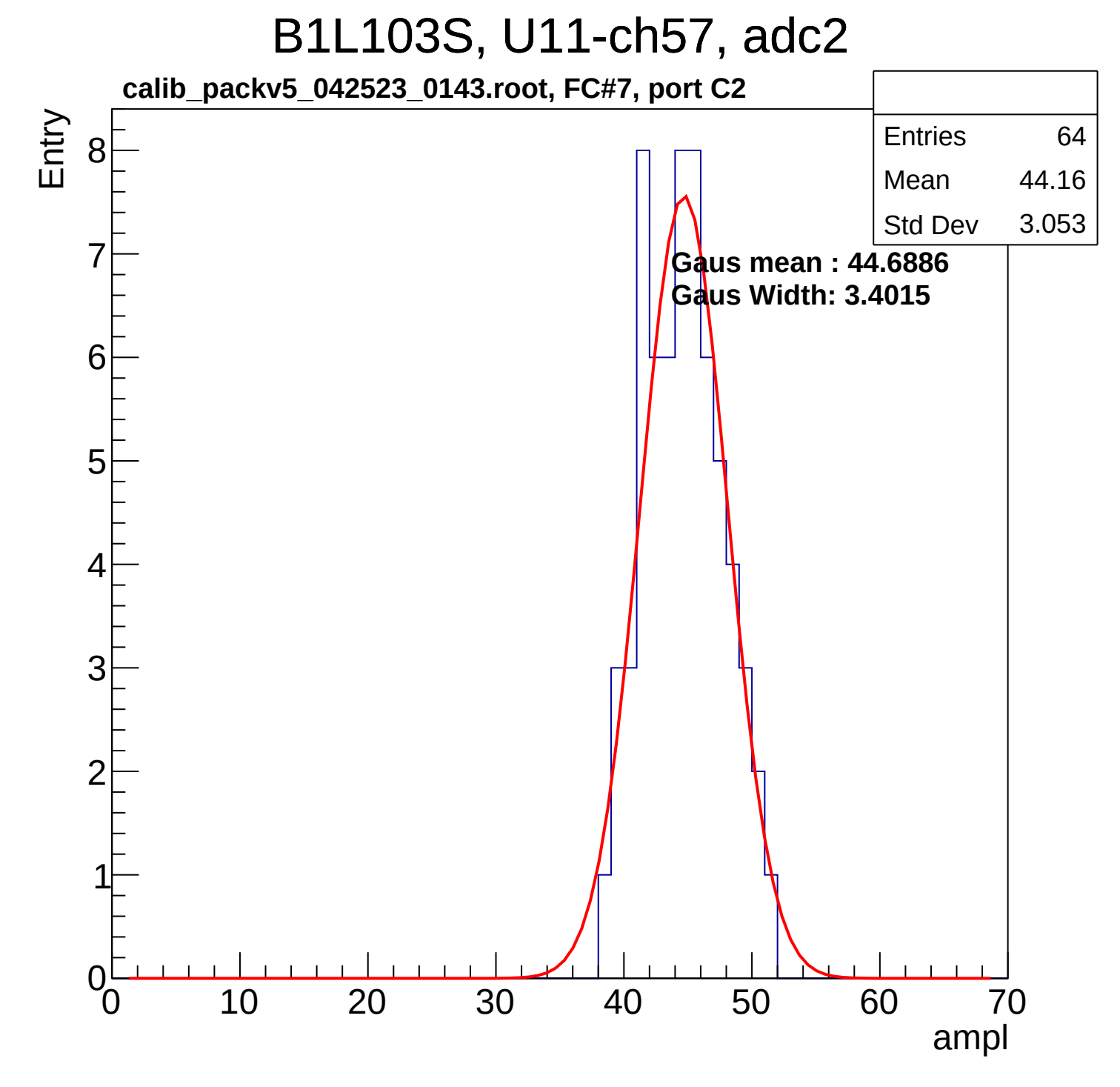
B1L103S, U11-ch57, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 44.16
Std Dev 3.053
Gaus mean : 44.6886
Gaus Width: 3.4015
Entry
ampl
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1
2
3
4
5
6
7
8
0
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60
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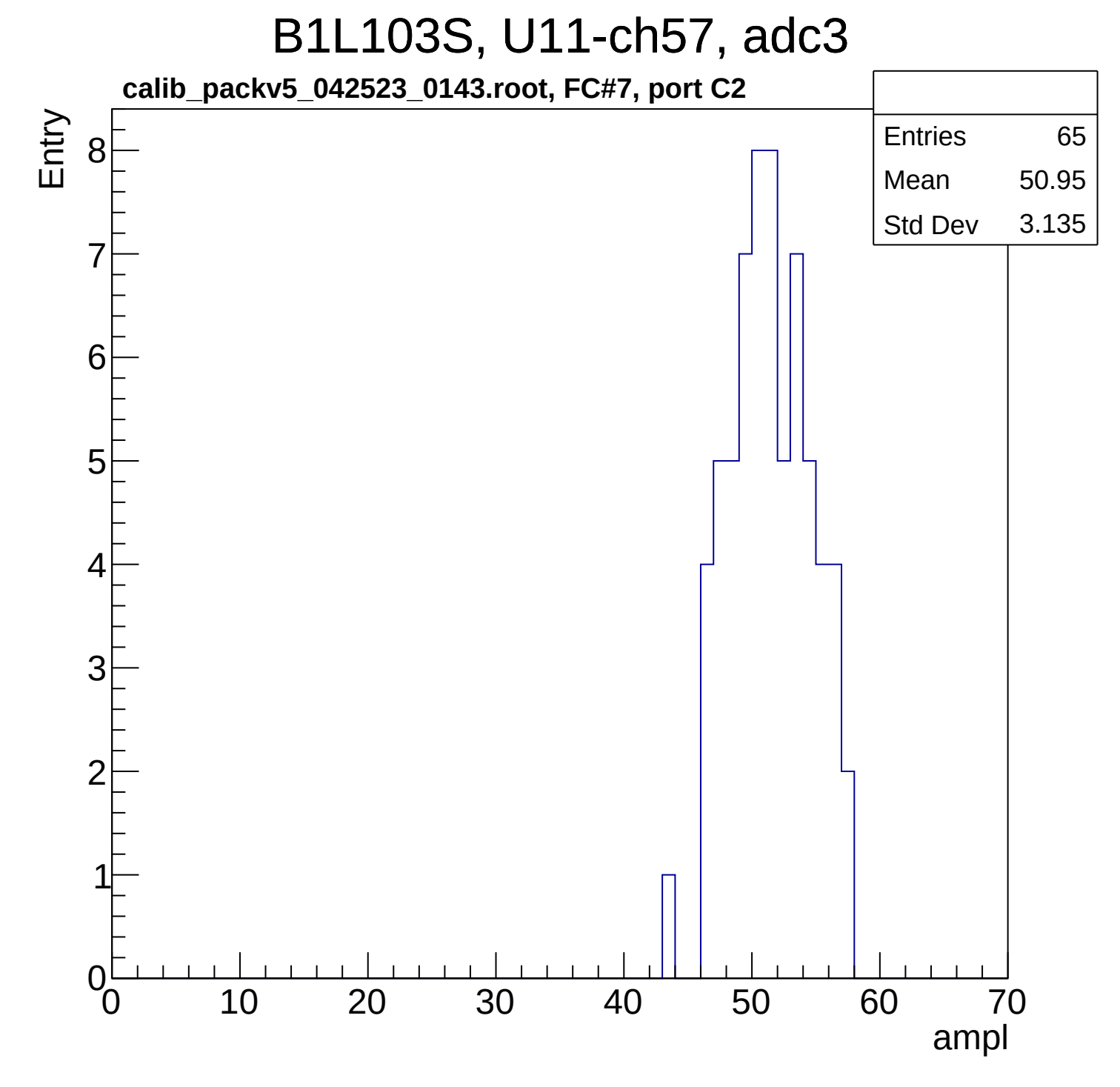
B1L103S, U11-ch57, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 50.95
Std Dev 3.135
Entry
ampl
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1
2
3
4
5
6
7
8
0
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50
60
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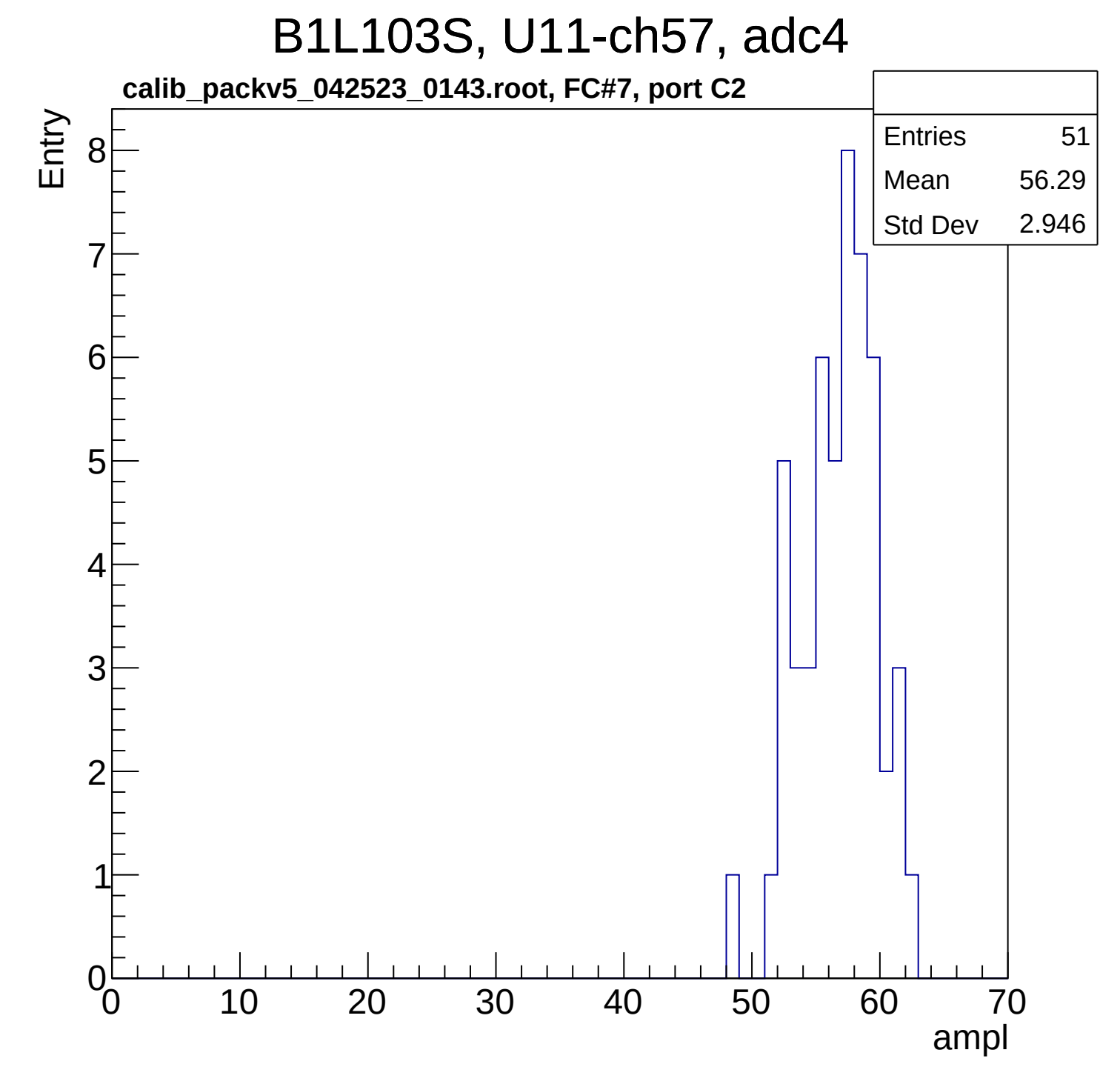
B1L103S, U11-ch57, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 56.29
Std Dev 2.946
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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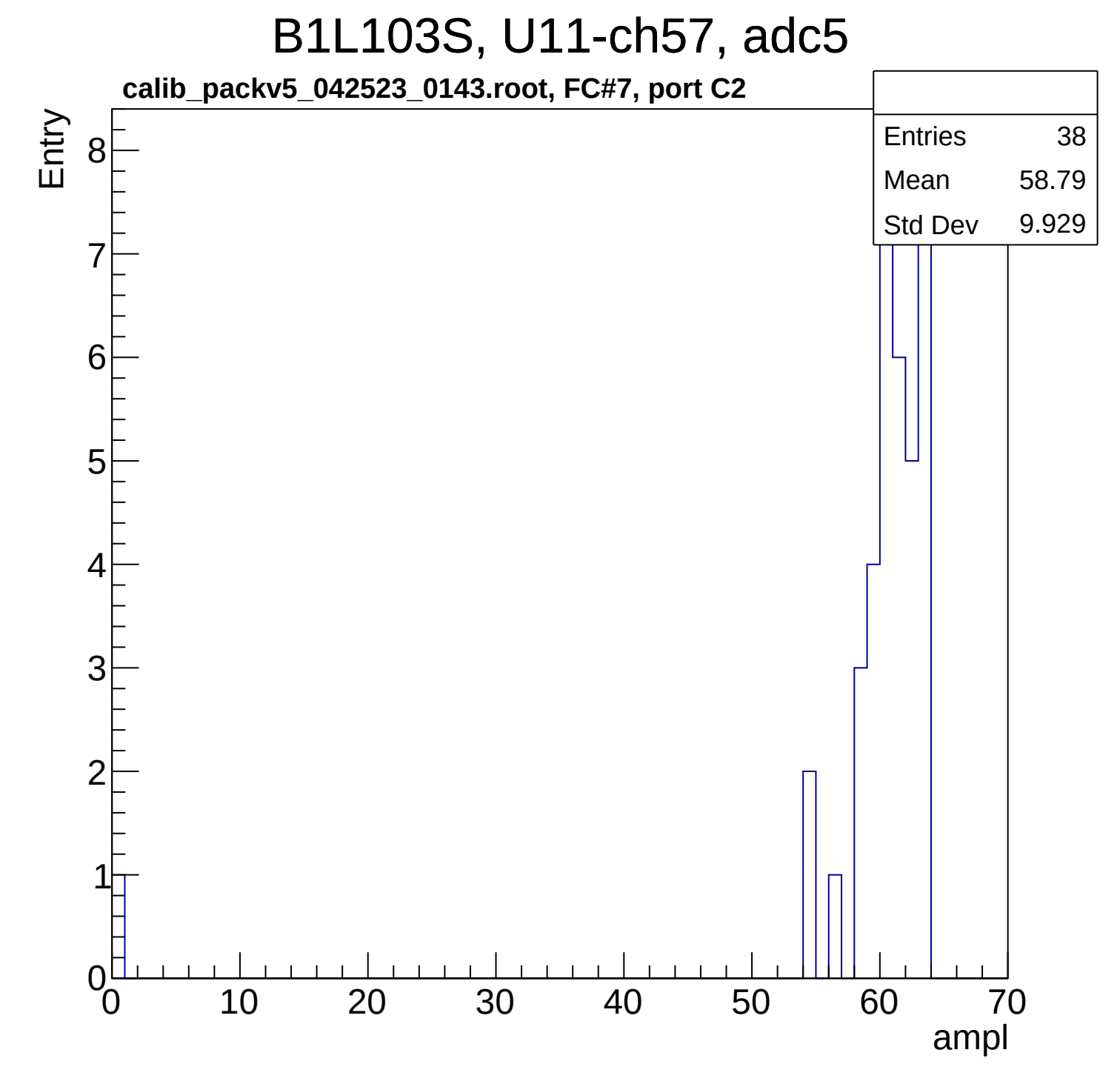
B1L103S, U11-ch57, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 38
Mean 58.79
Std Dev 9.929
Entry
ampl
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1
2
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4
5
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7
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0
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20
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40
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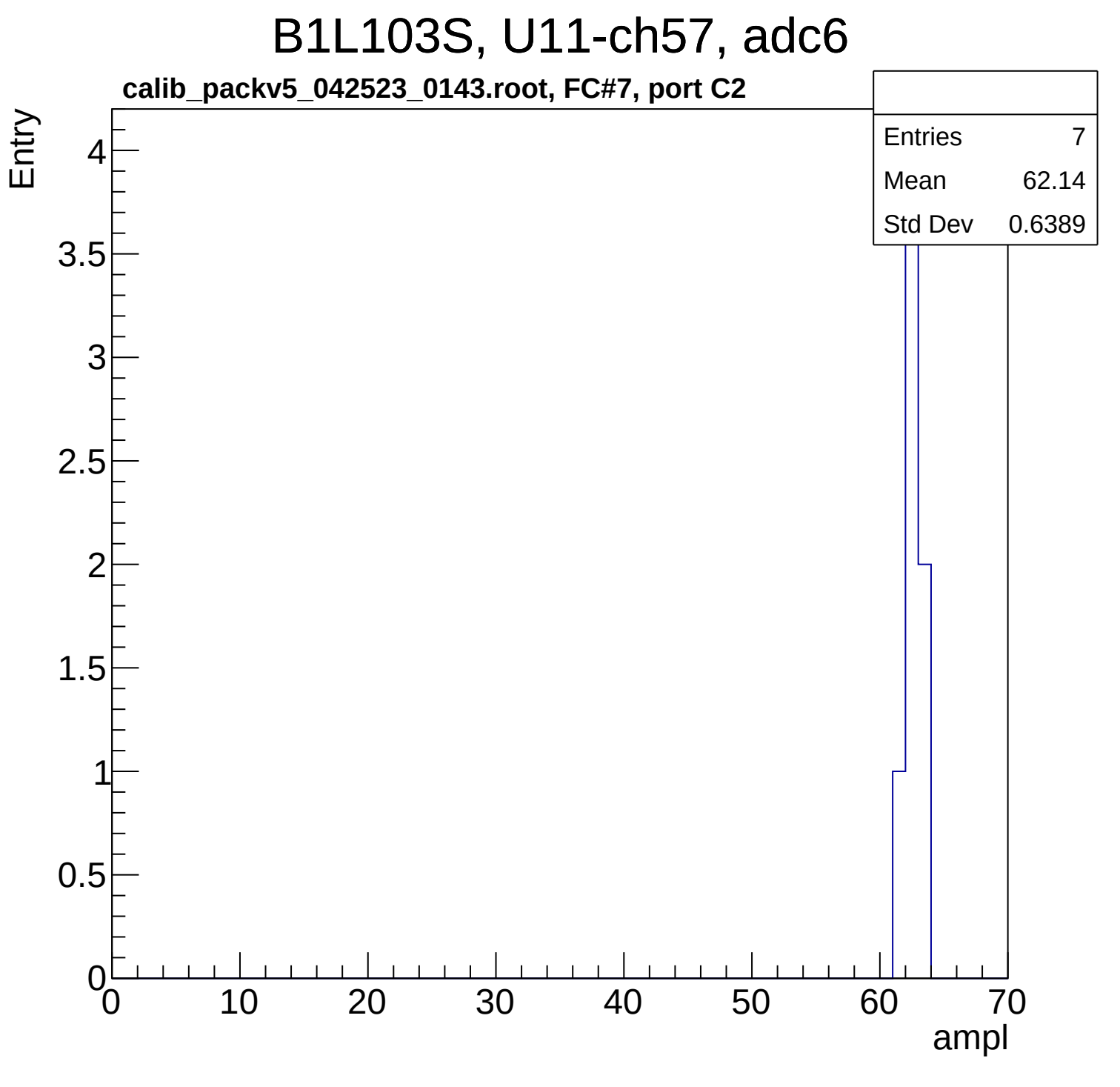
B1L103S, U11-ch57, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 7
Mean 62.14
Std Dev 0.6389
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
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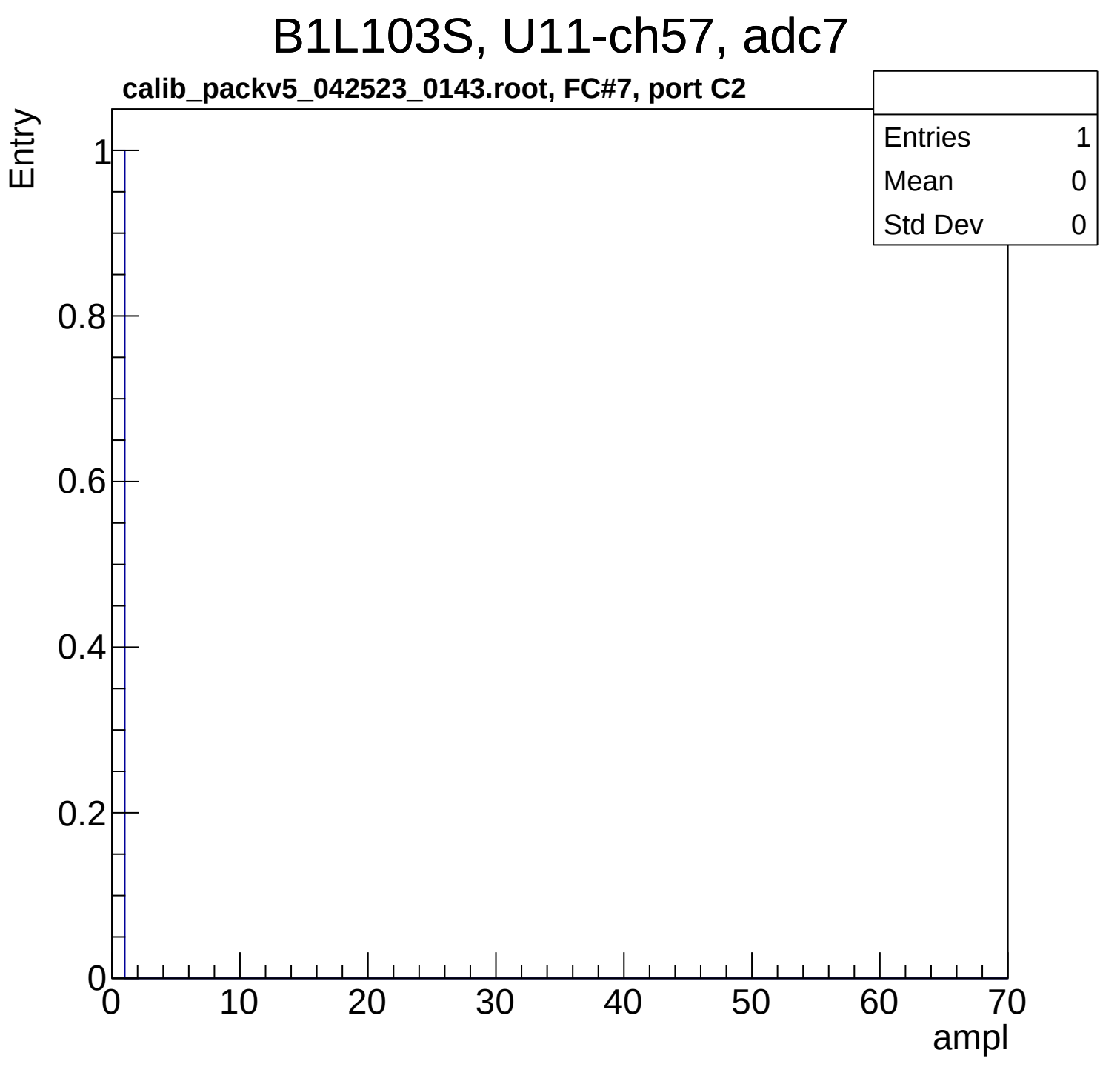
B1L103S, U11-ch57, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
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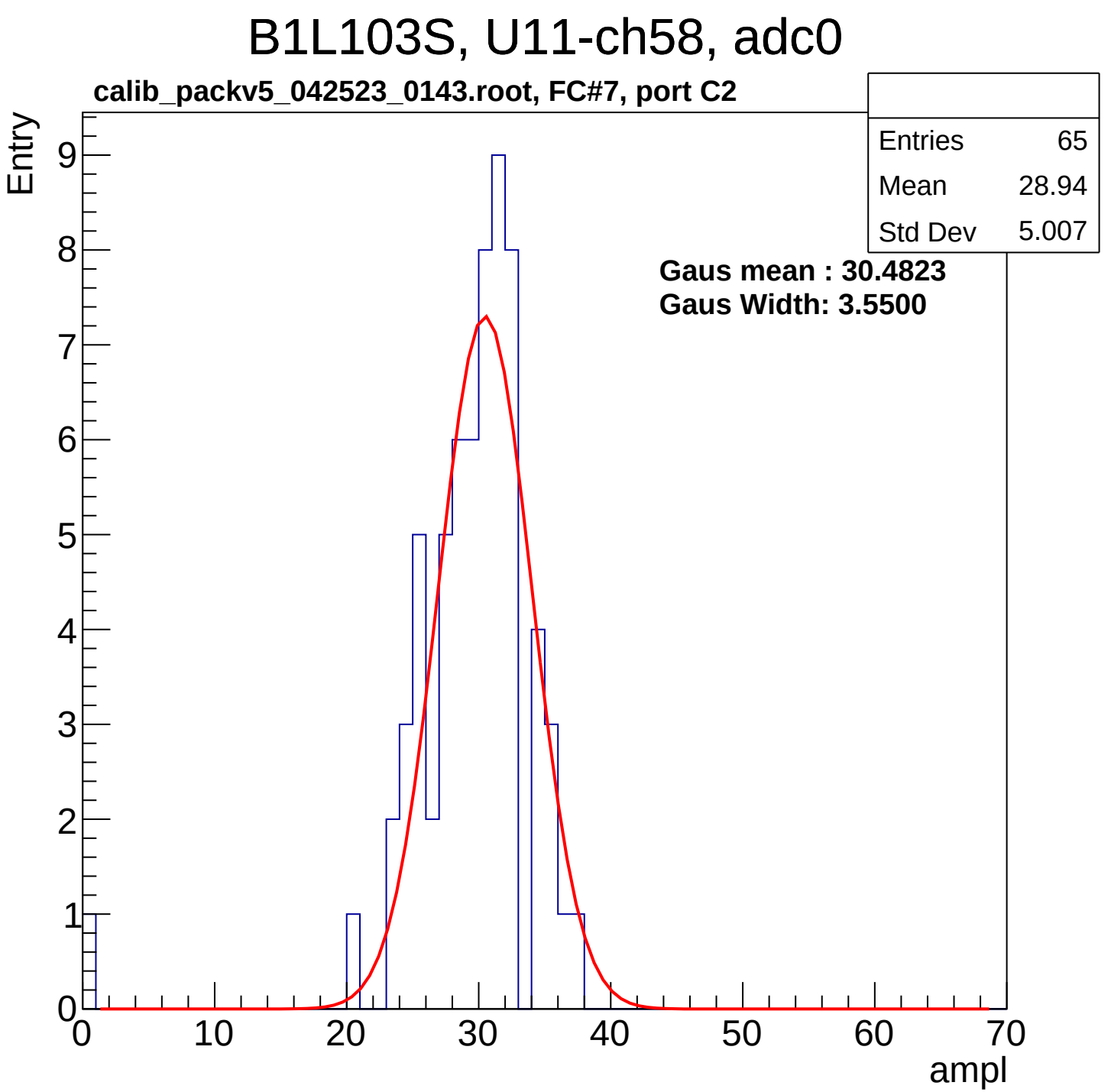
50
60
70
ampl


B1L103S, U11-ch58, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 28.94
Std Dev 5.007
Gaus mean : 30.4823
Gaus Width: 3.5500
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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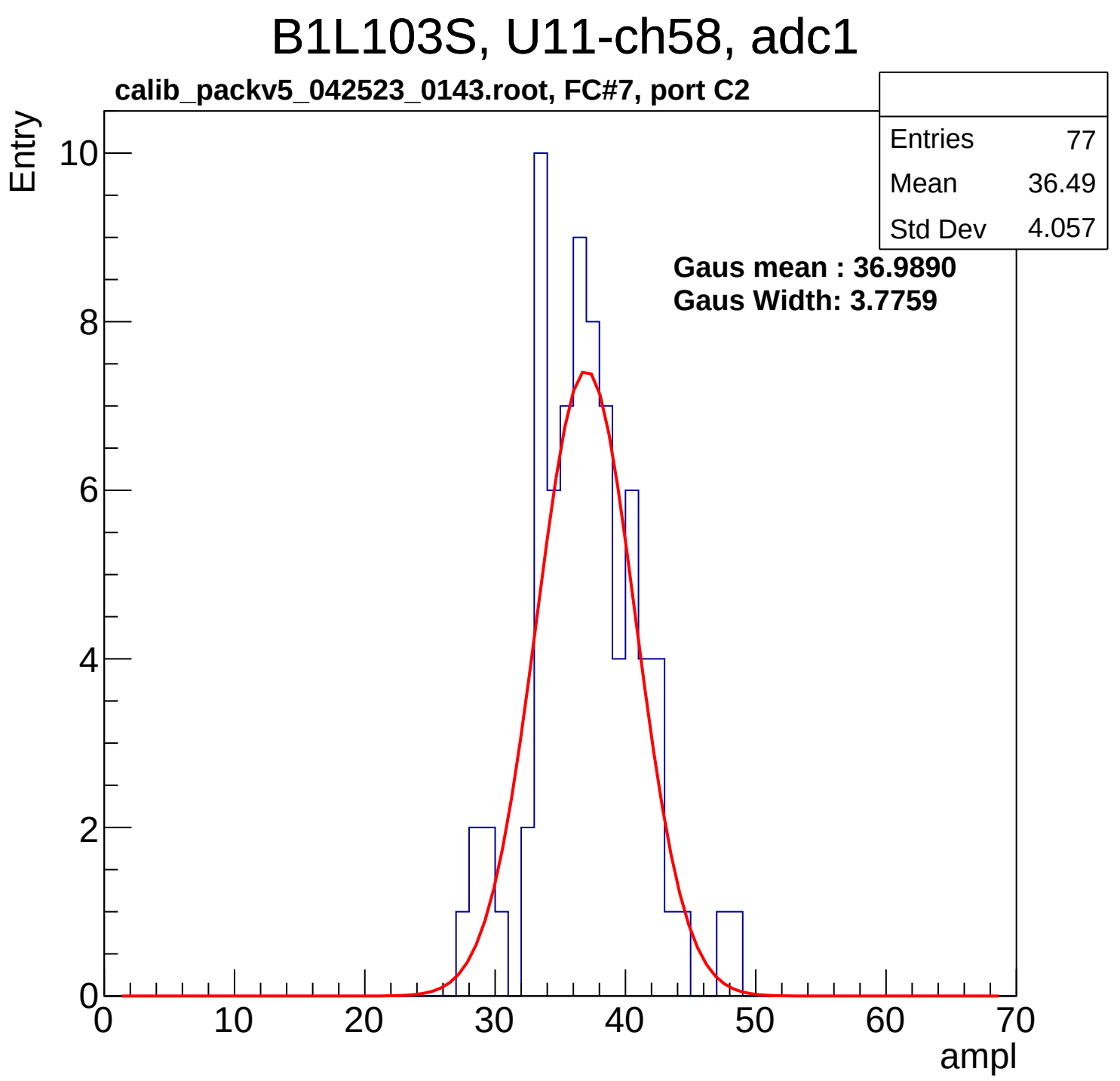
B1L103S, U11-ch58, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 77
Mean 36.49
Std Dev 4.057
Gaus mean : 36.9890
Gaus Width: 3.7759
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
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60
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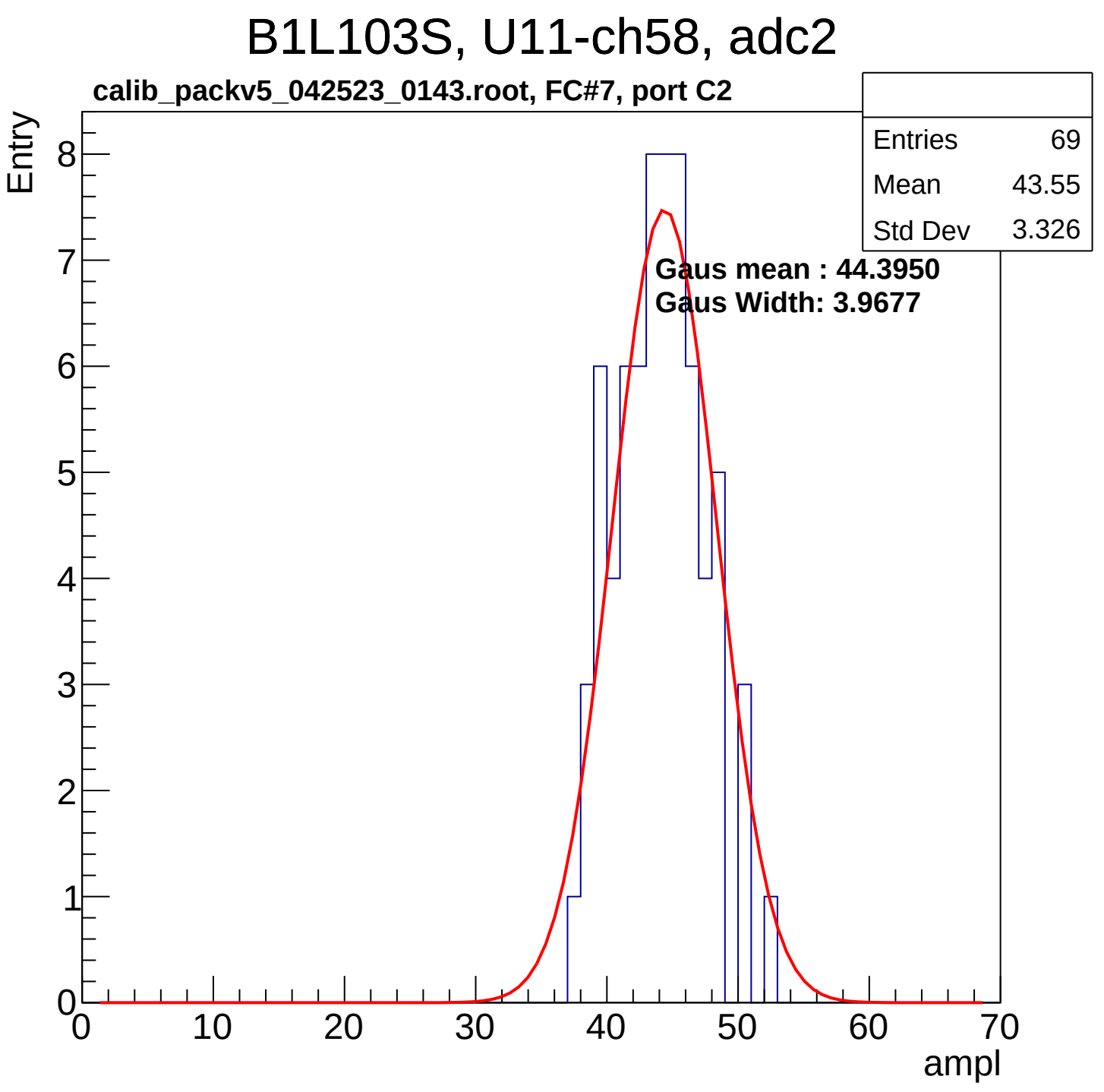
B1L103S, U11-ch58, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 43.55
Std Dev 3.326
Gaus mean : 44.3950
Gaus Width: 3.9677
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
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40
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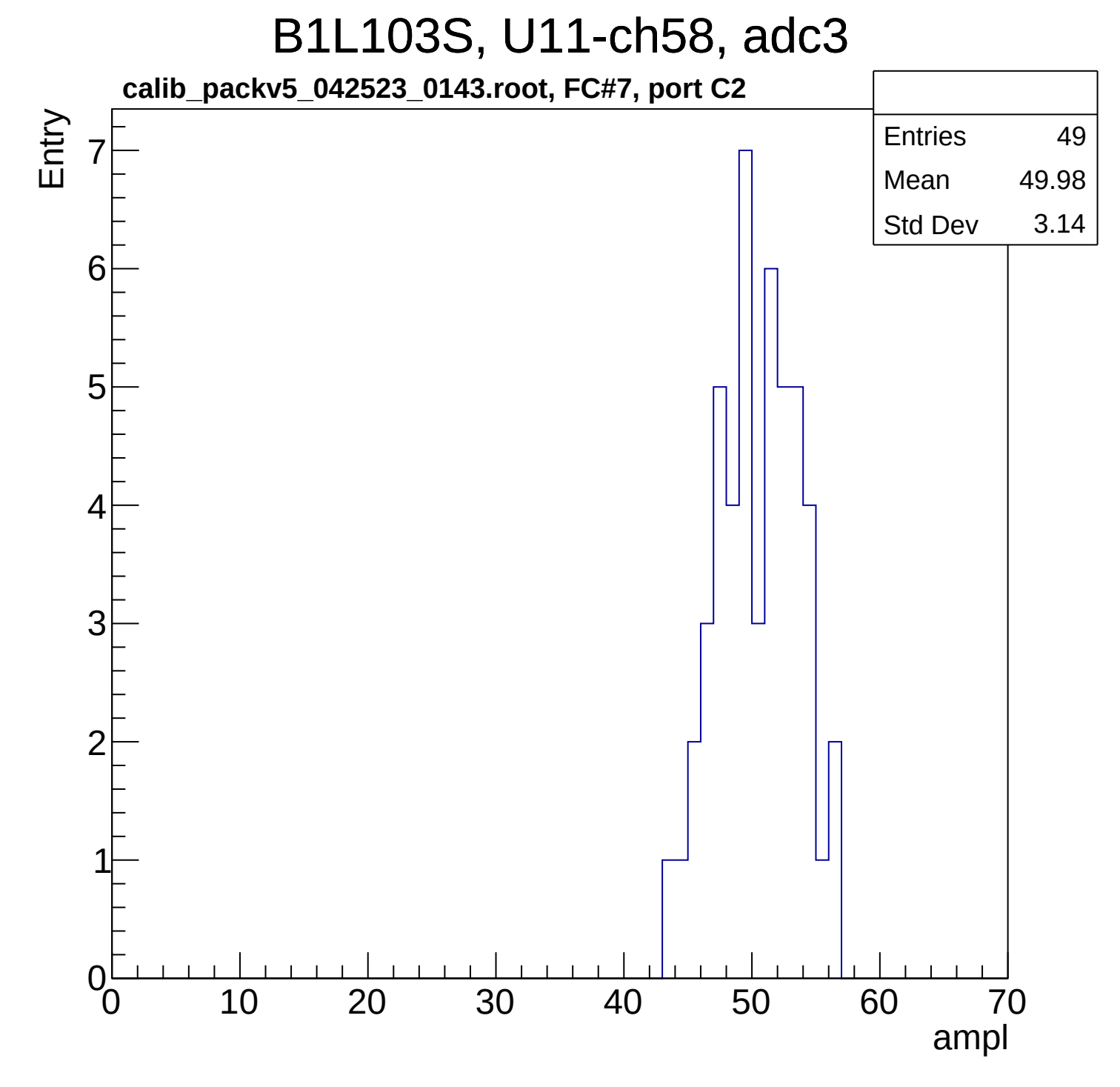
B1L103S, U11-ch58, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 49.98
Std Dev 3.14
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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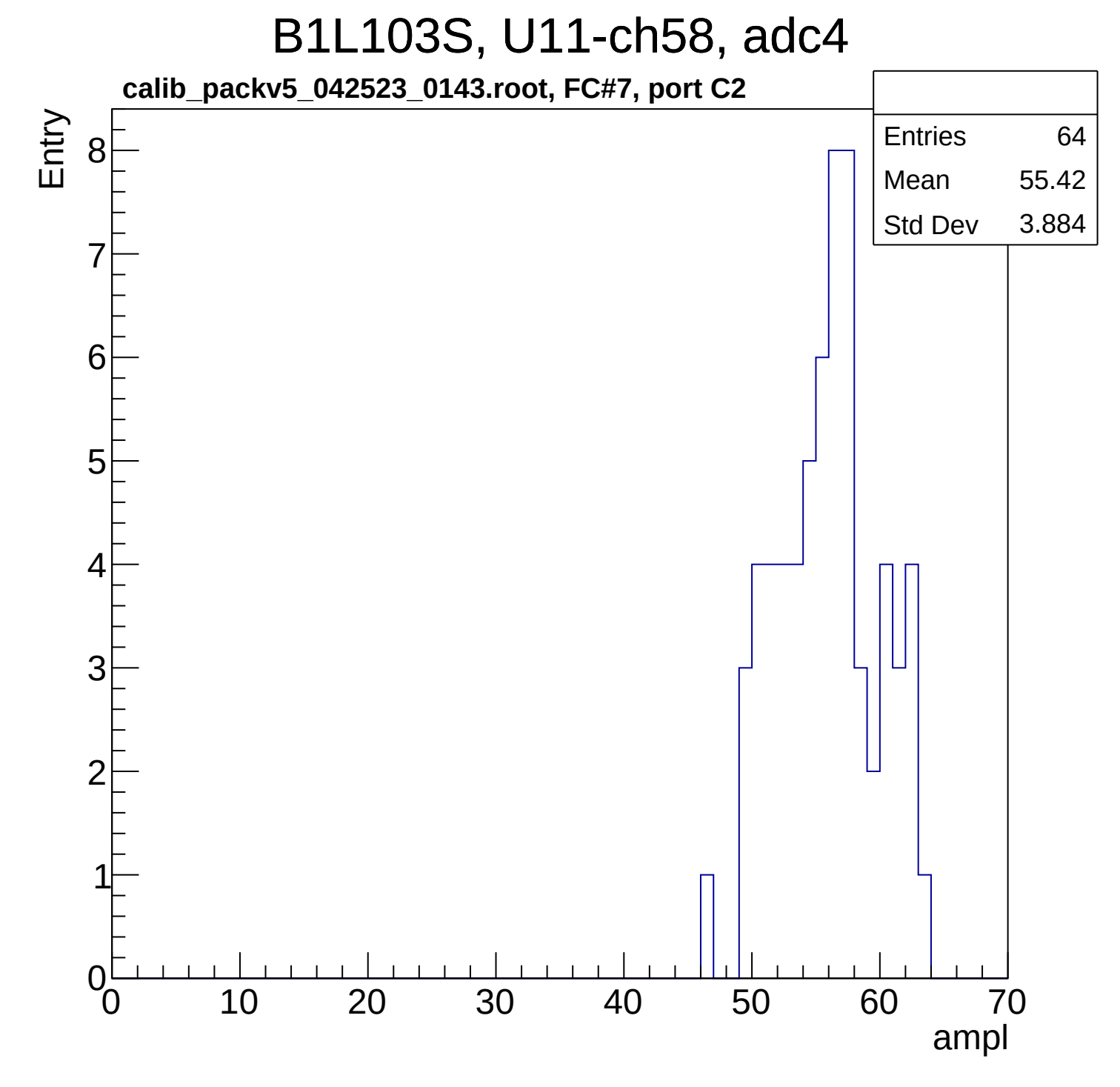
B1L103S, U11-ch58, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 55.42
Std Dev 3.884
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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40
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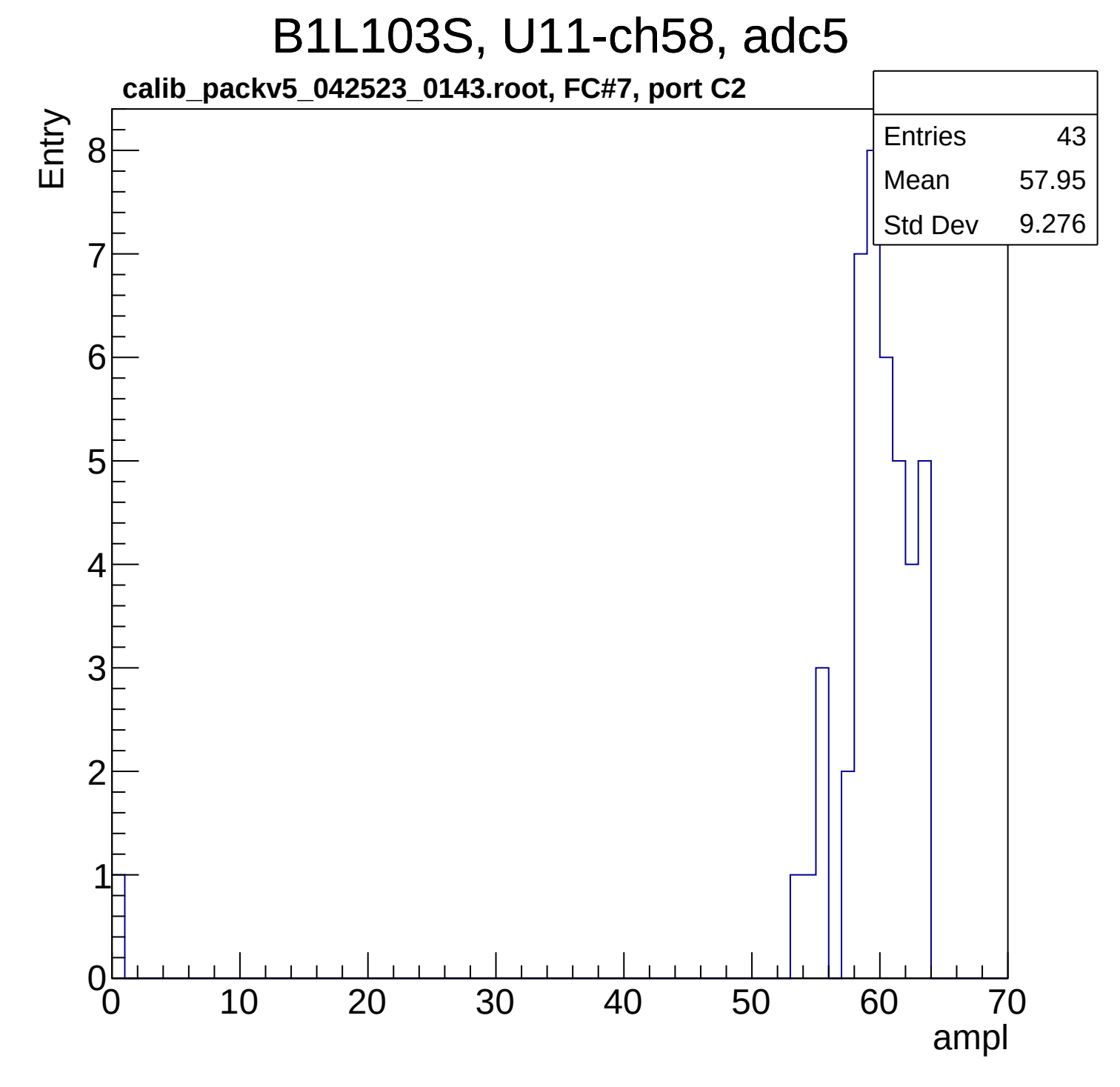
B1L103S, U11-ch58, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 43
Mean 57.95
Std Dev 9.276
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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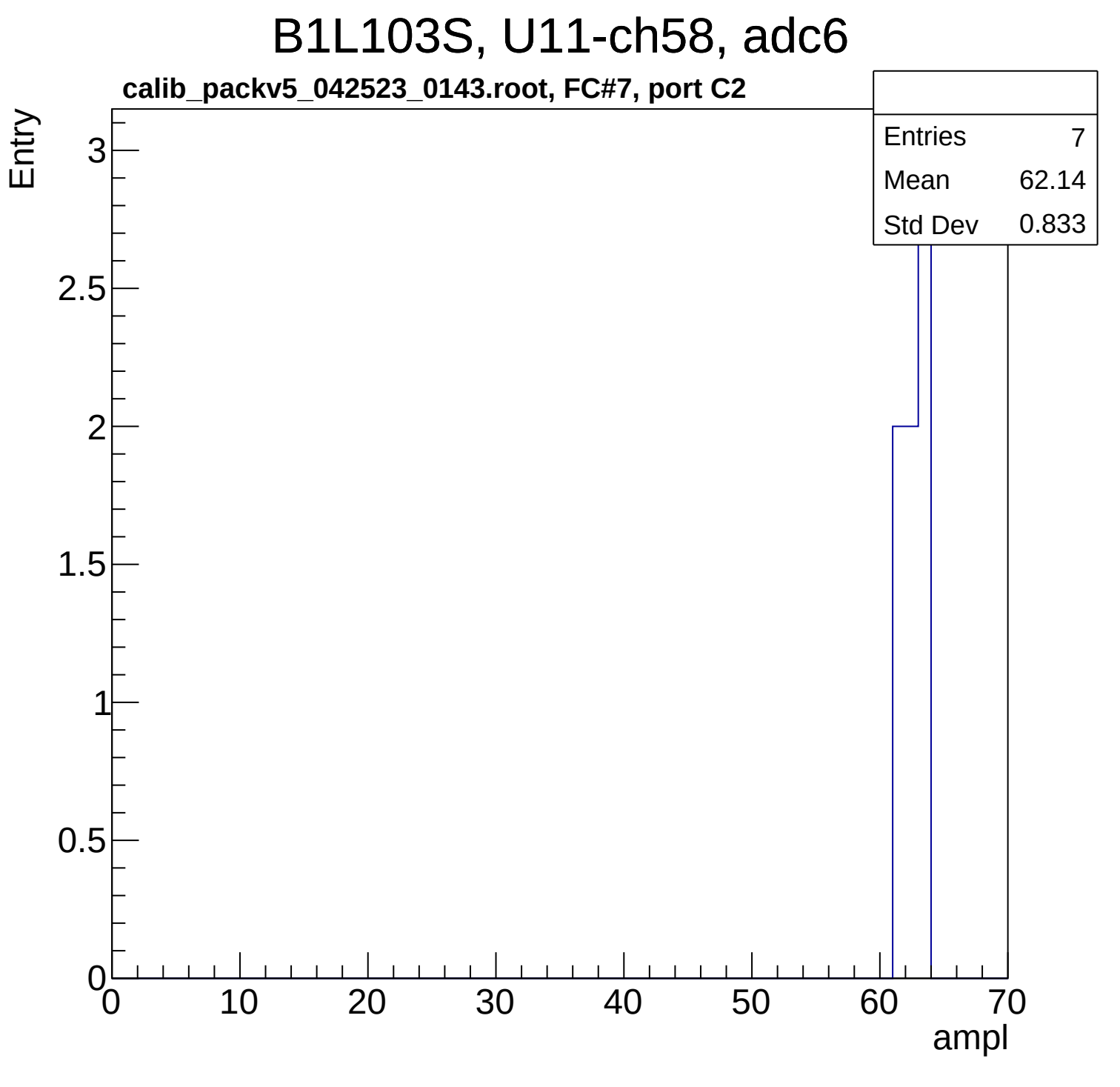
B1L103S, U11-ch58, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 7
Mean 62.14
Std Dev 0.833
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
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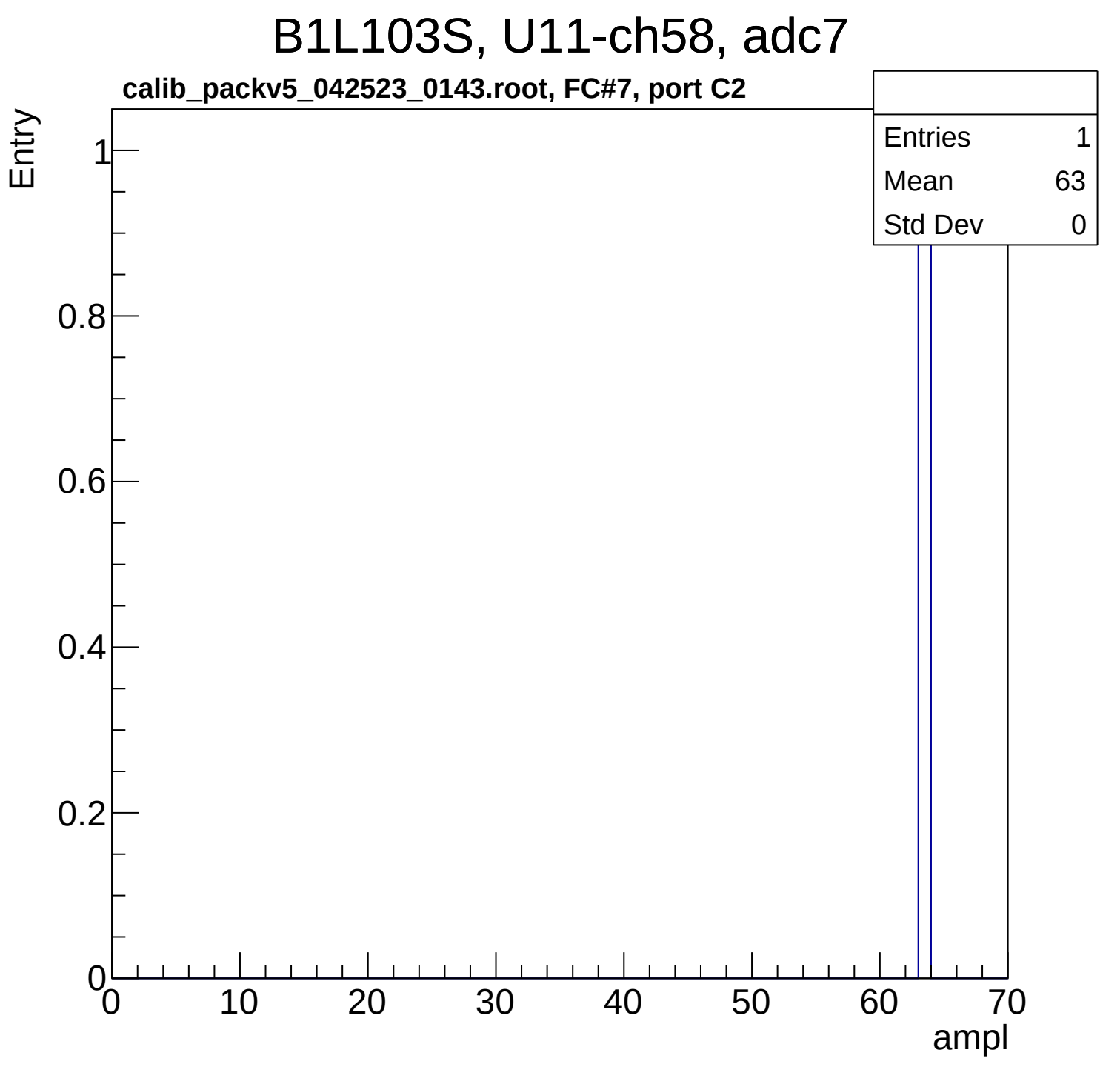
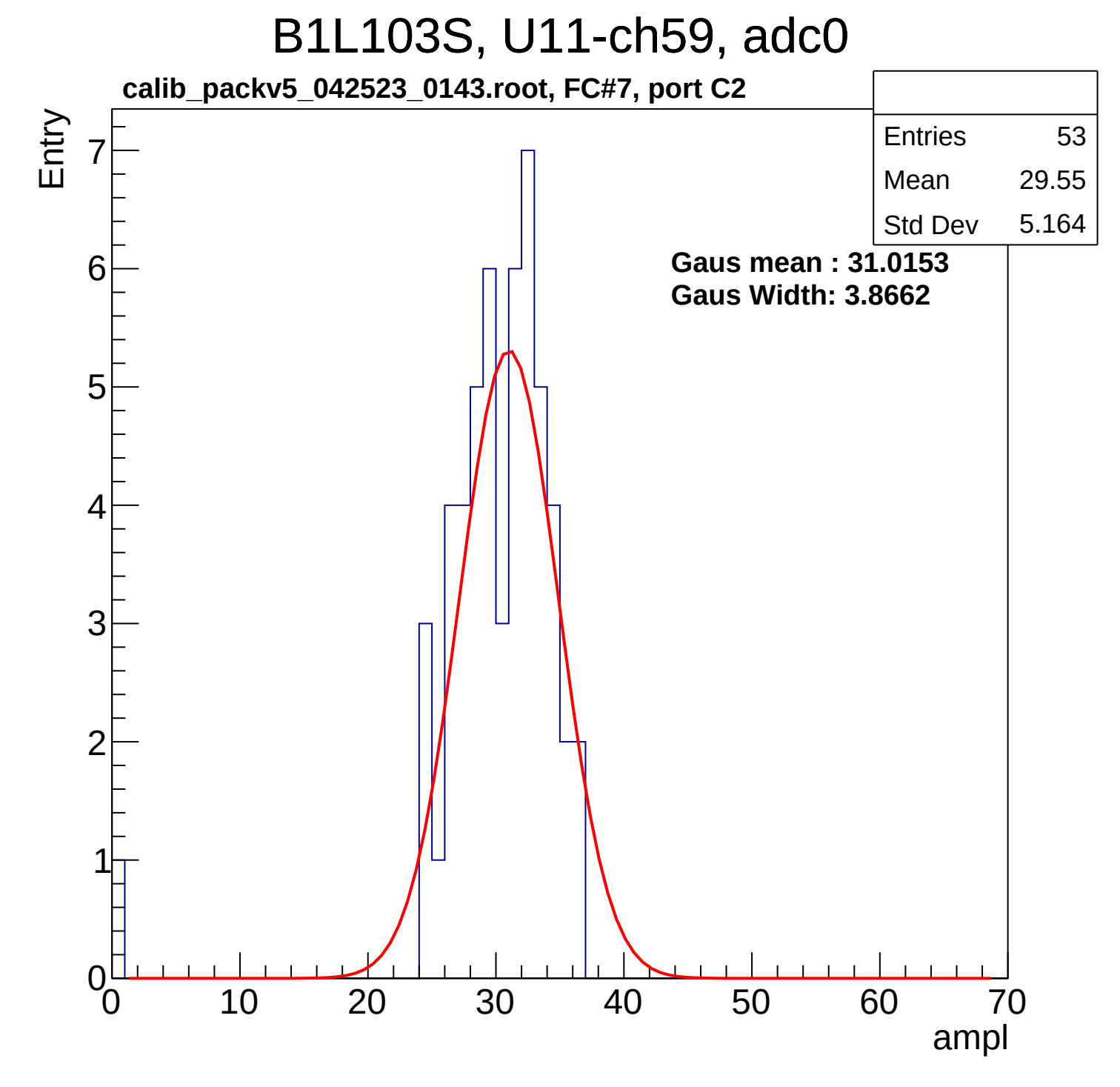
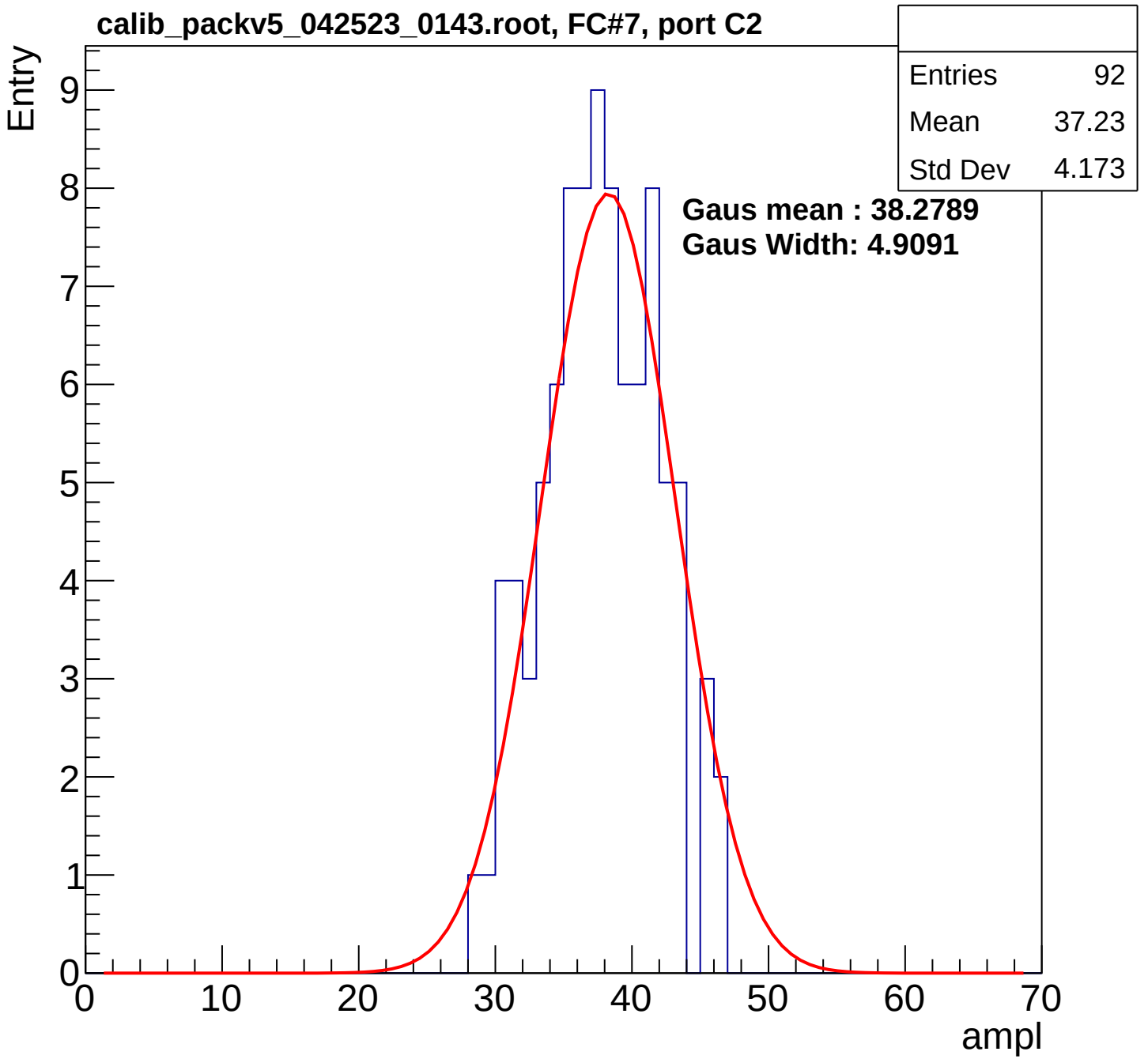
20
30
40
50
60
70


B1L103S, U11-ch58, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch59, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 53
Mean 29.55
Std Dev 5.164
Gaus mean : 31.0153
Gaus Width: 3.8662
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U11-ch59, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 92
Mean 37.23
Std Dev 4.173
Gaus mean : 38.2789
Gaus Width: 4.9091
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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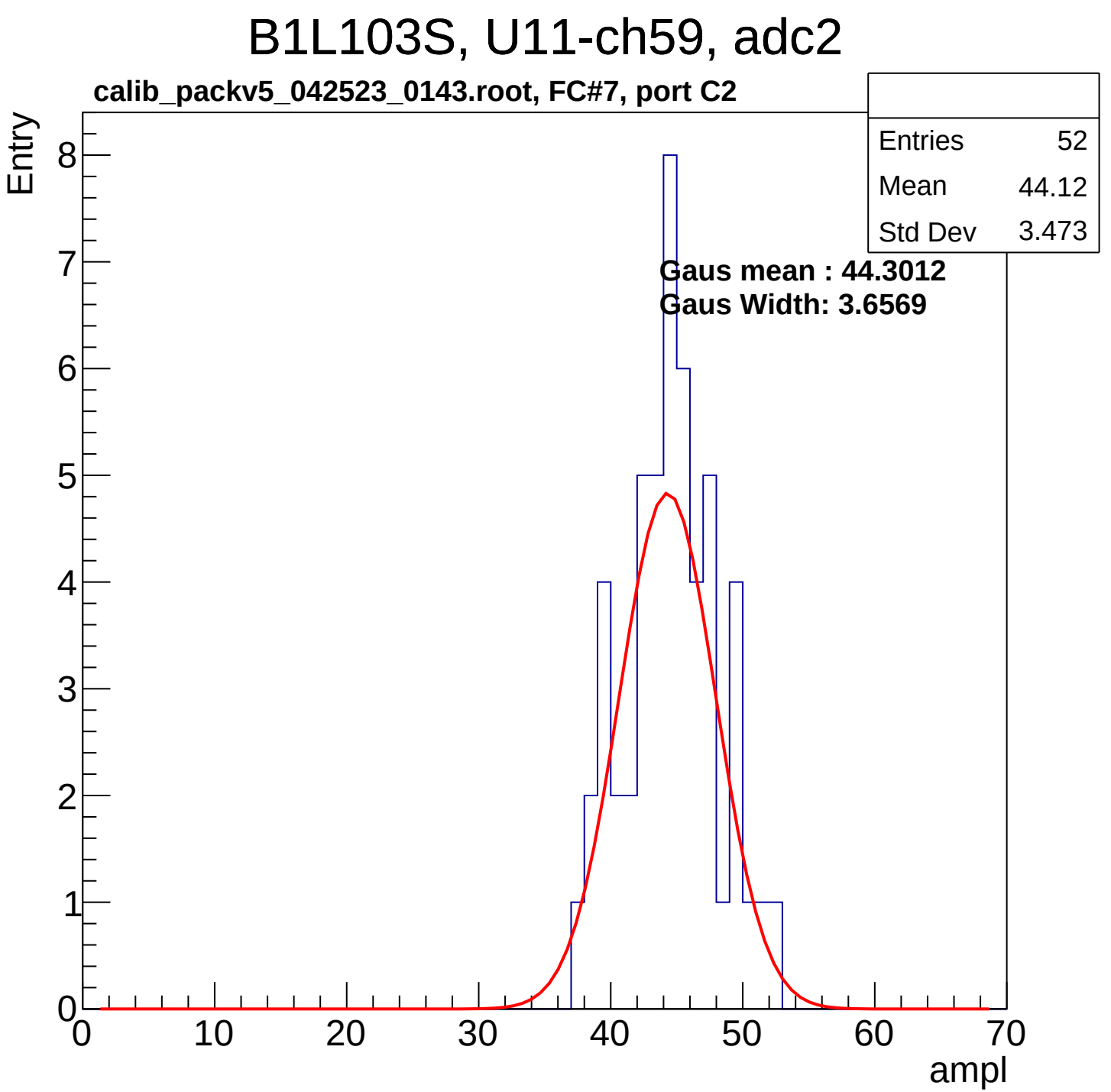
B1L103S, U11-ch59, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 52
Mean 44.12
Std Dev 3.473
Gaus mean : 44.3012
Gaus Width: 3.6569
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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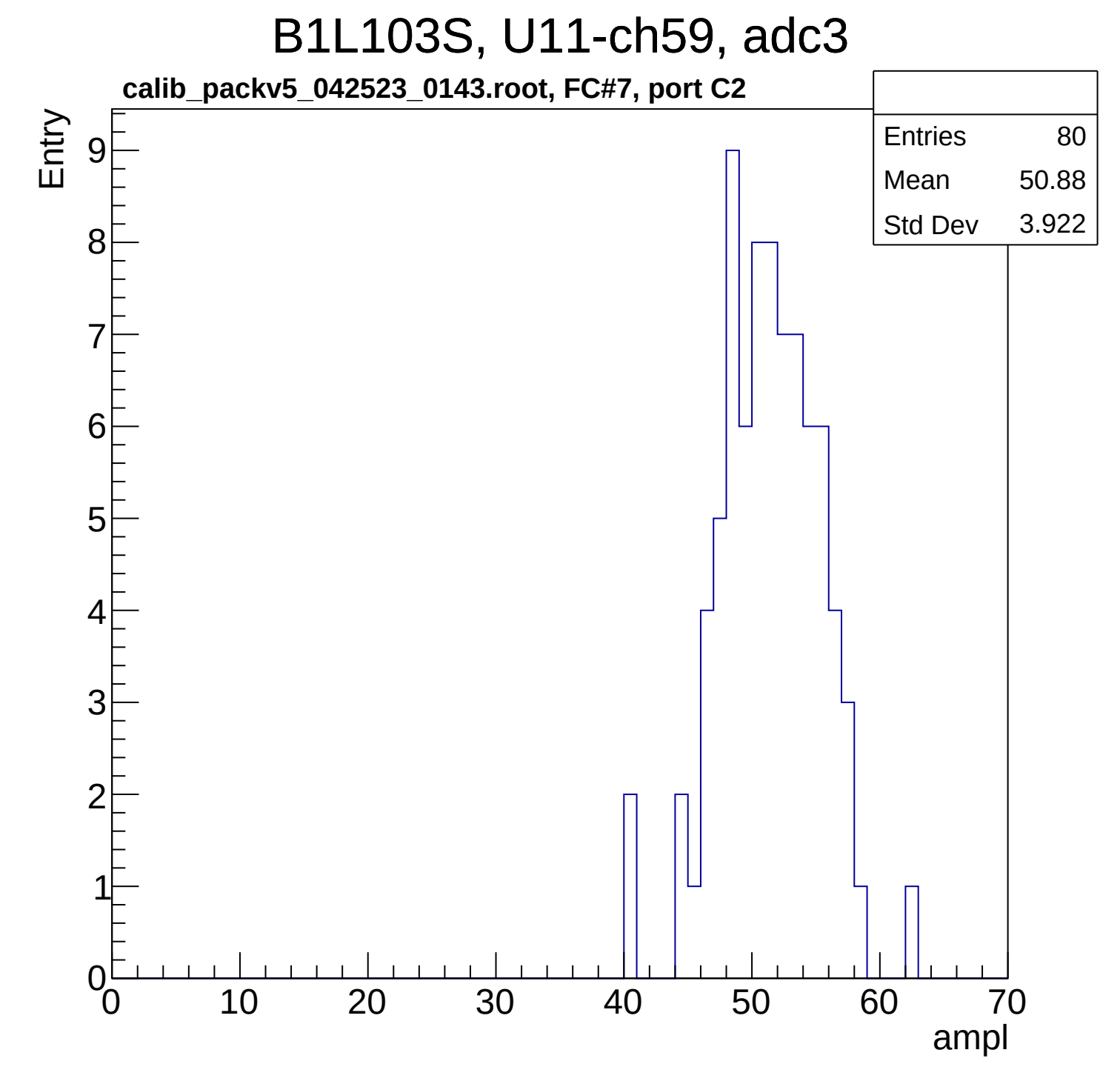
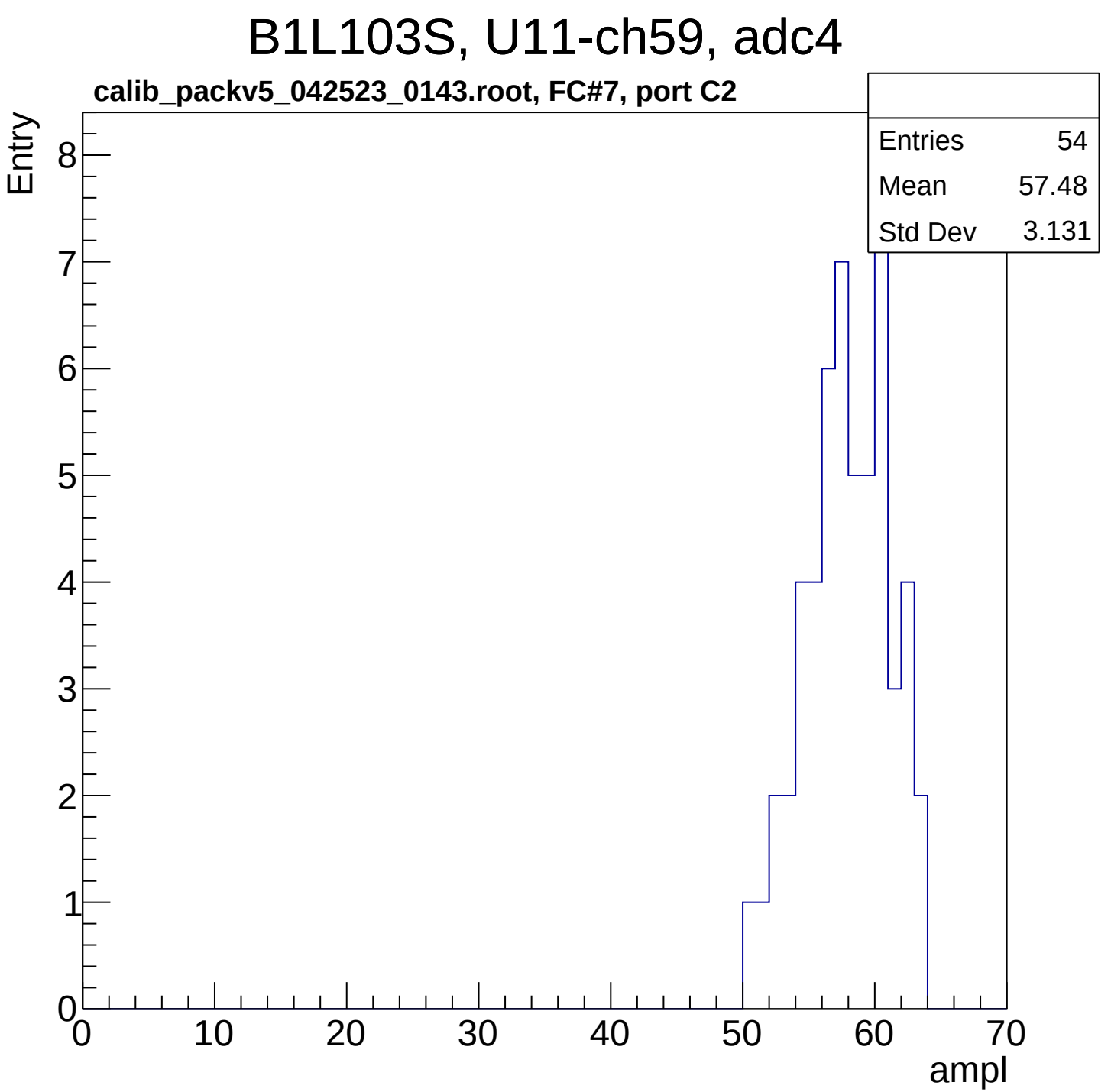
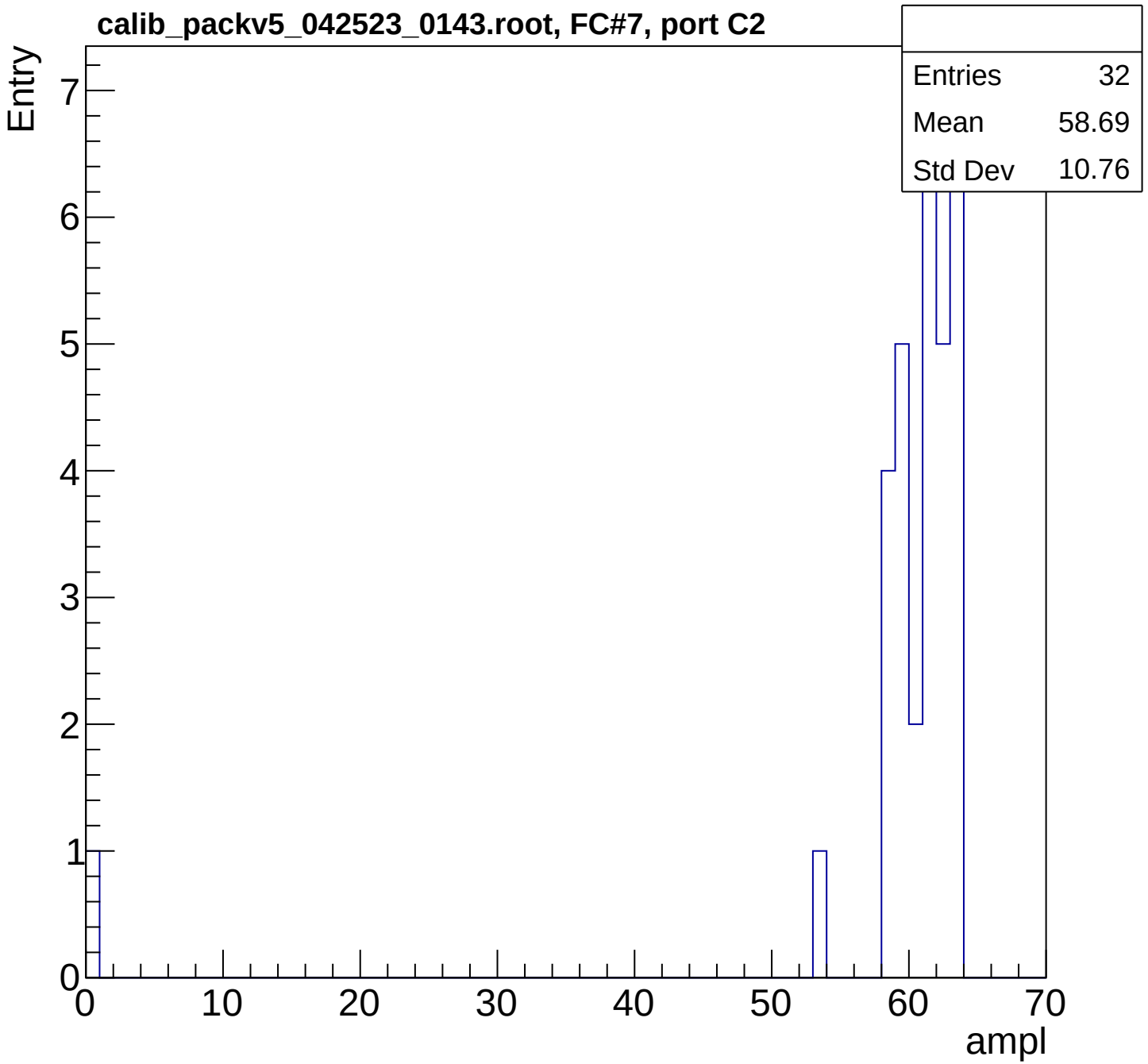

B1L103S, U11-ch59, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 80
Mean 50.88
Std Dev 3.922
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch59, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 57.48
Std Dev 3.131
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch59, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 32
Mean 58.69
Std Dev 10.76
Entry
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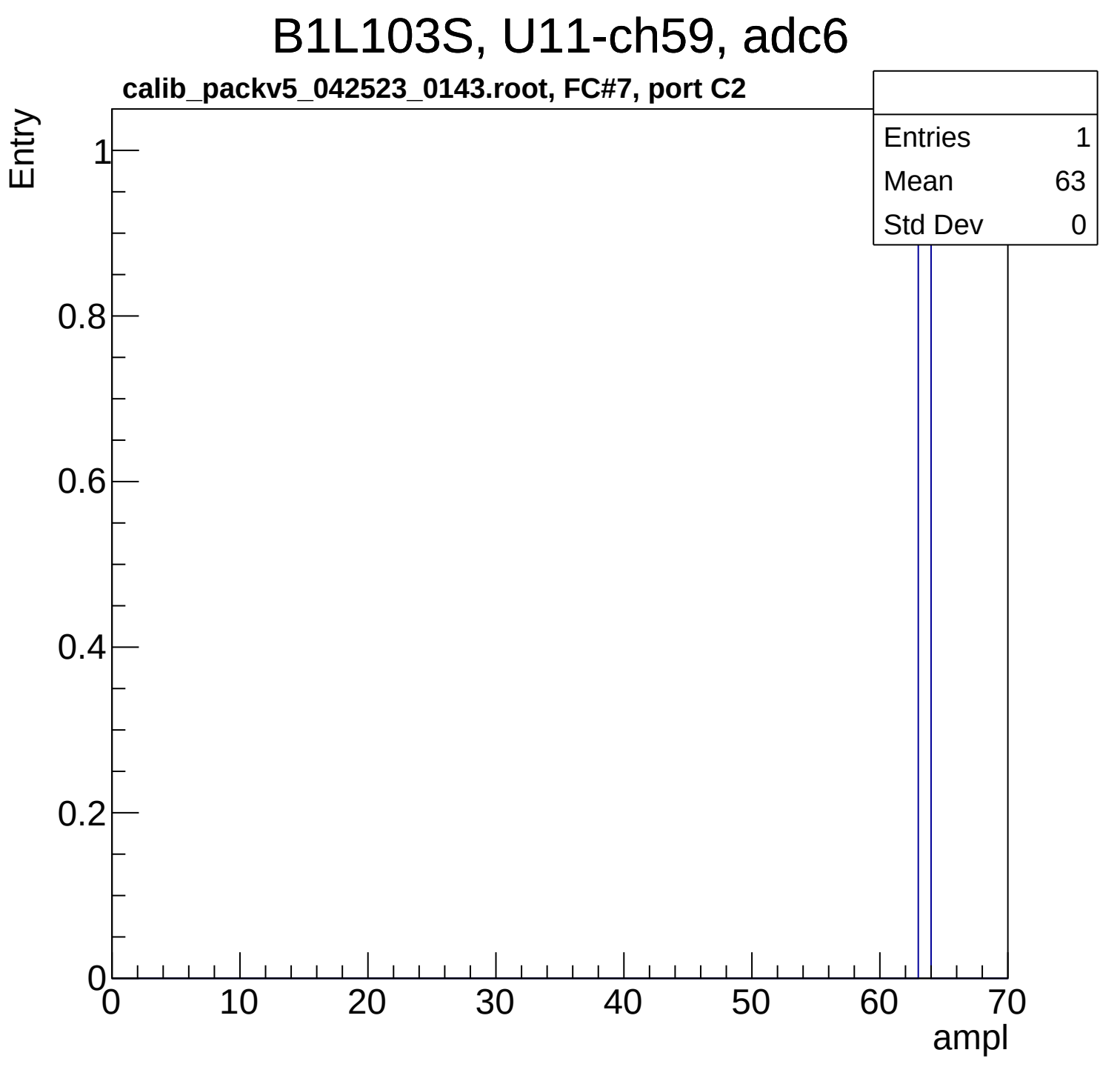
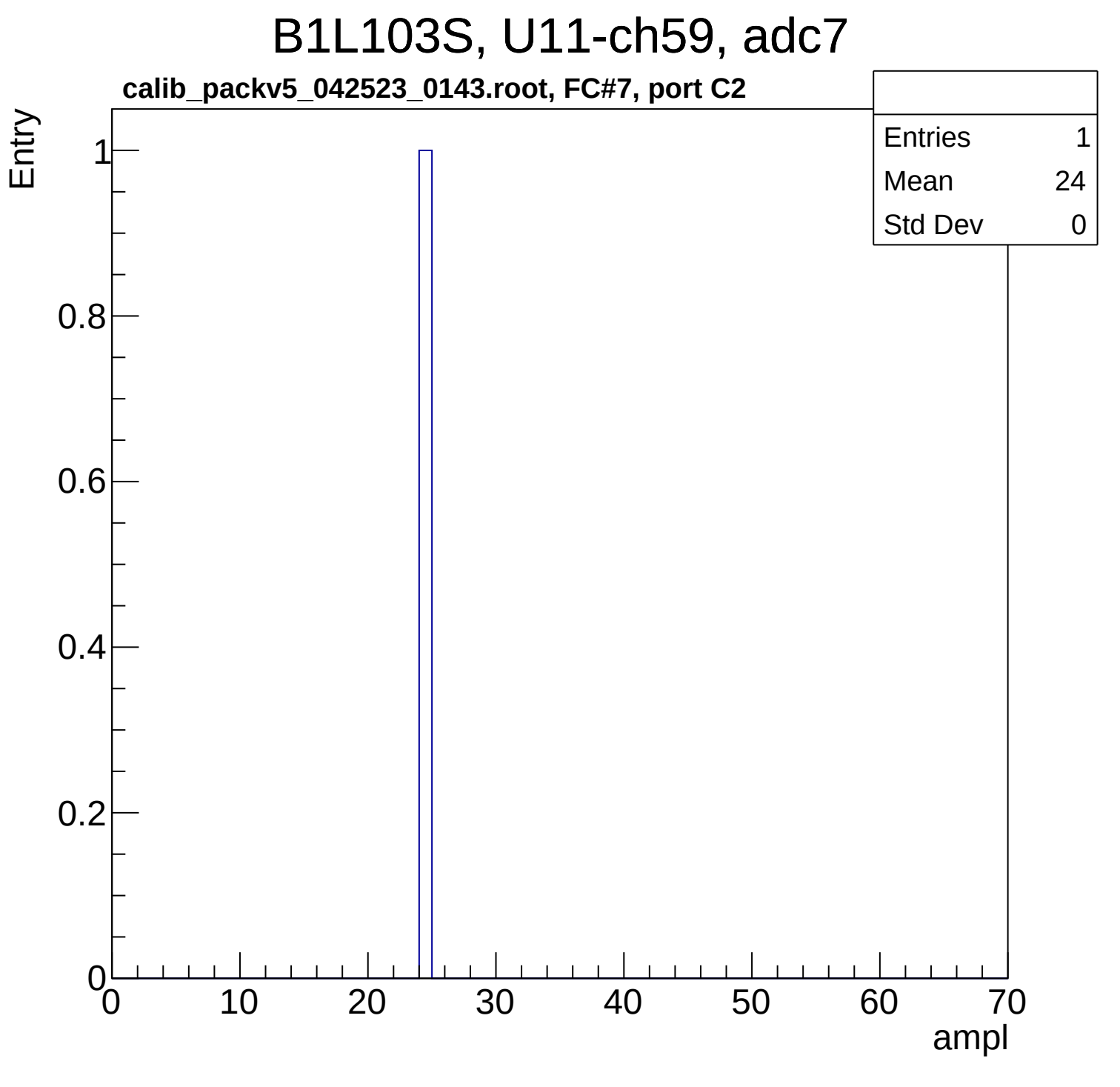
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch59, adc6
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch59, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 24
Std Dev 0
Entry
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0.6
0.4
0.2
0
0
10
20
30
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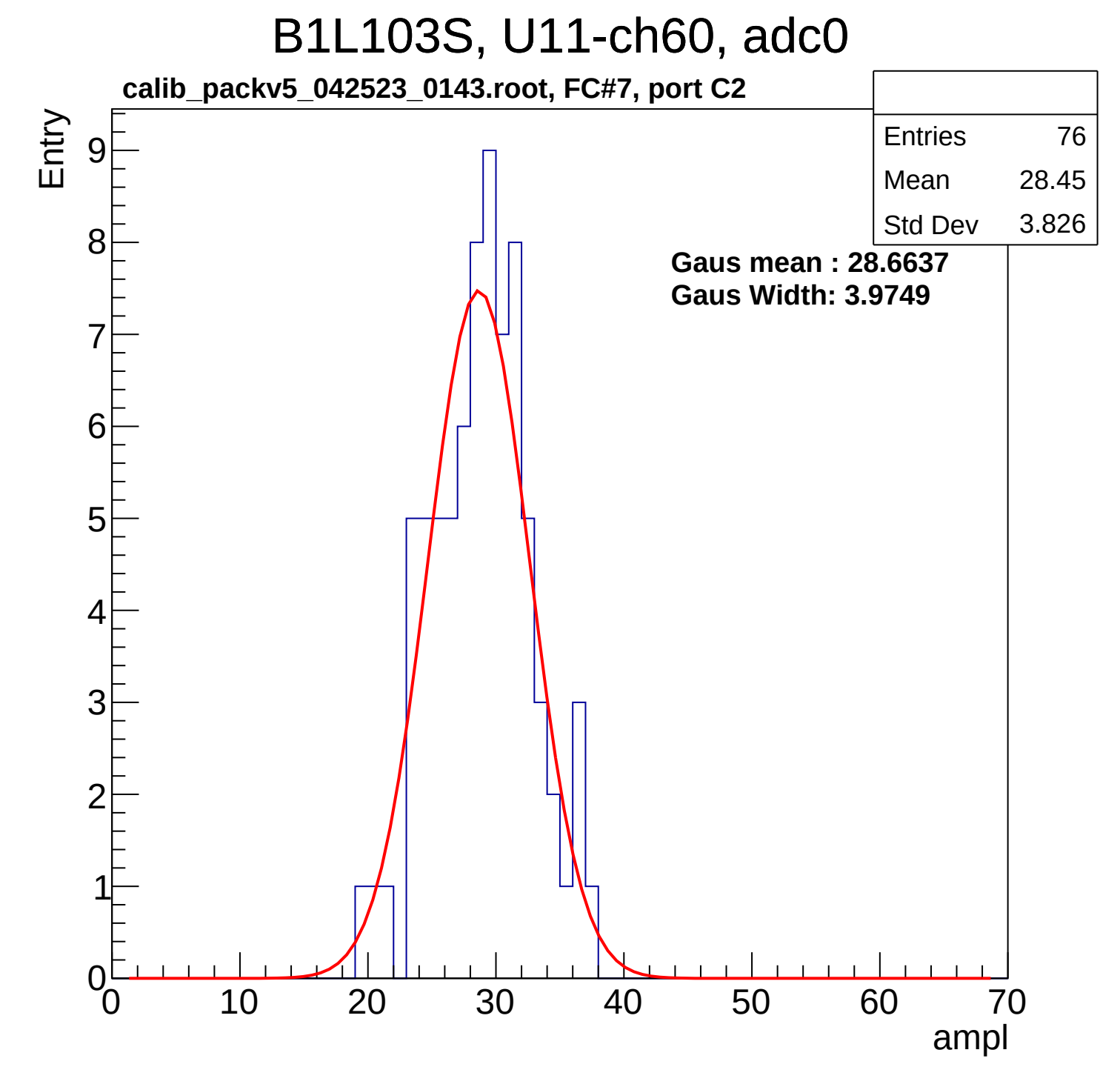
50
60
70
ampl


B1L103S, U11-ch60, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 28.45
Std Dev 3.826
Gaus mean : 28.6637
Gaus Width: 3.9749
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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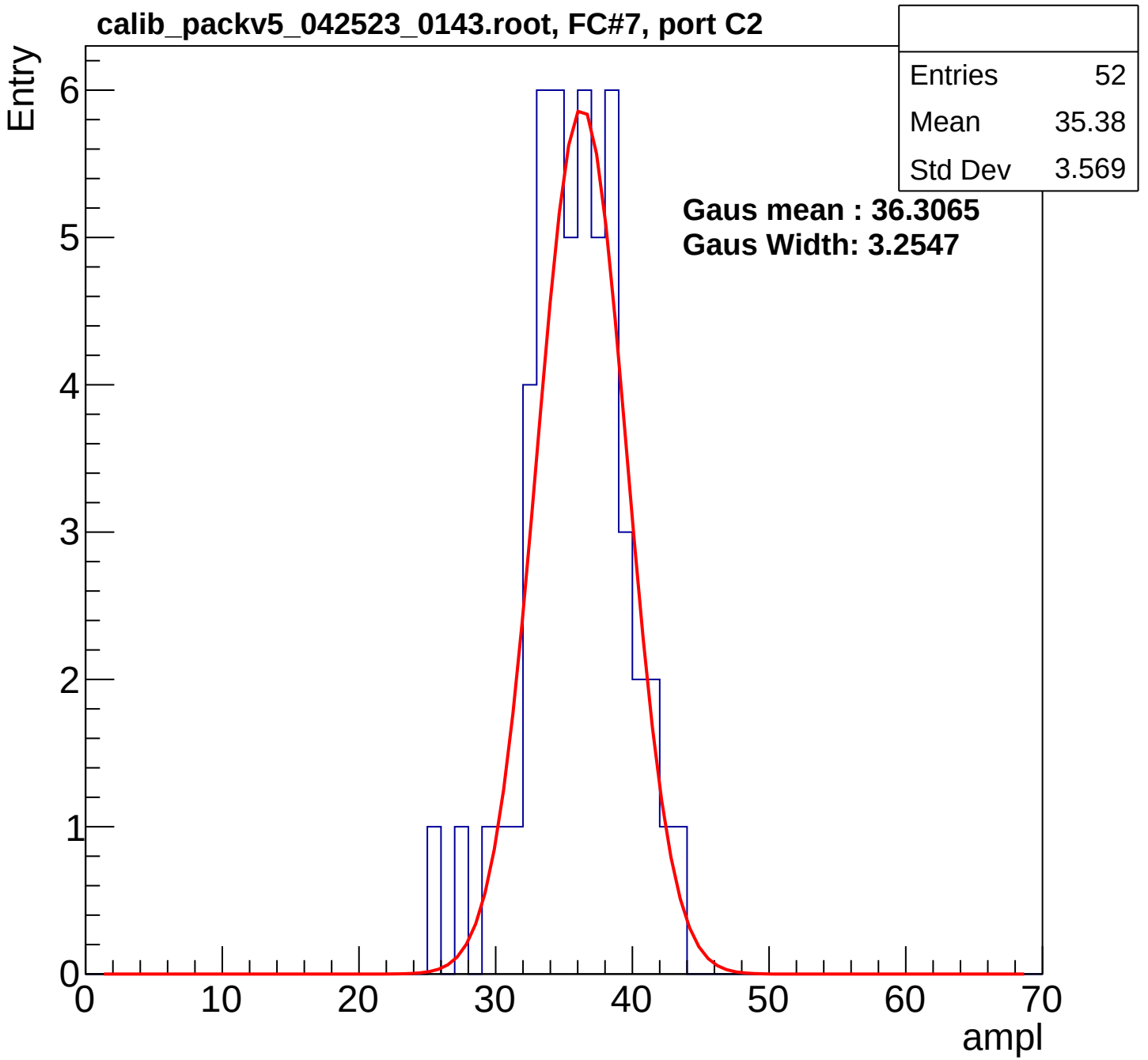
B1L103S, U11-ch60, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 52
Mean 35.38
Std Dev 3.569
Gaus mean : 36.3065
Gaus Width: 3.2547
Entry
ampl
0
1
2
3
4
5
6
0
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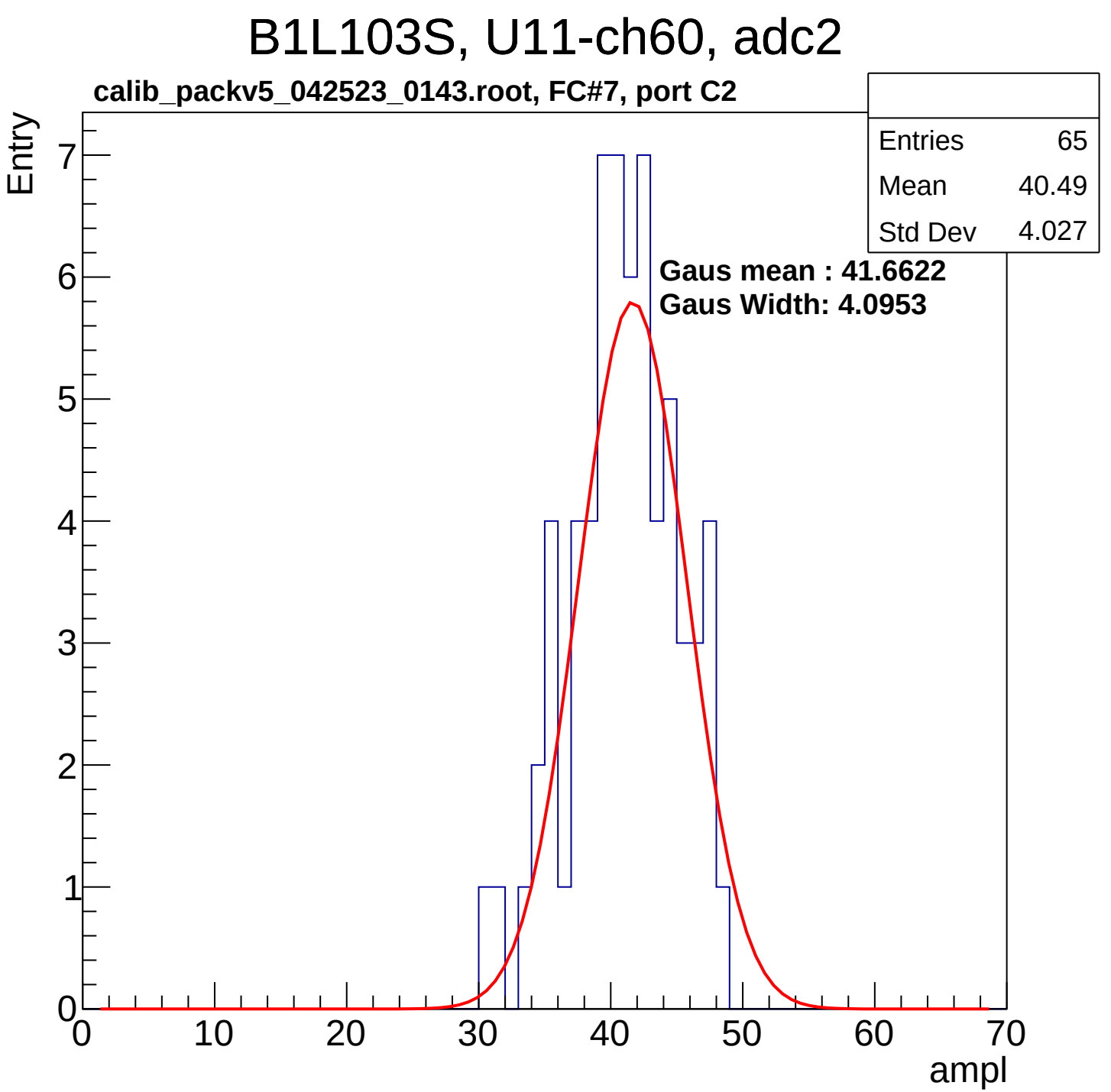
20
30
40
50
60
70


B1L103S, U11-ch60, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 40.49
Std Dev 4.027
Gaus mean : 41.6622
Gaus Width: 4.0953
Entry
ampl
0
1
2
3
4
5
6
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0
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60
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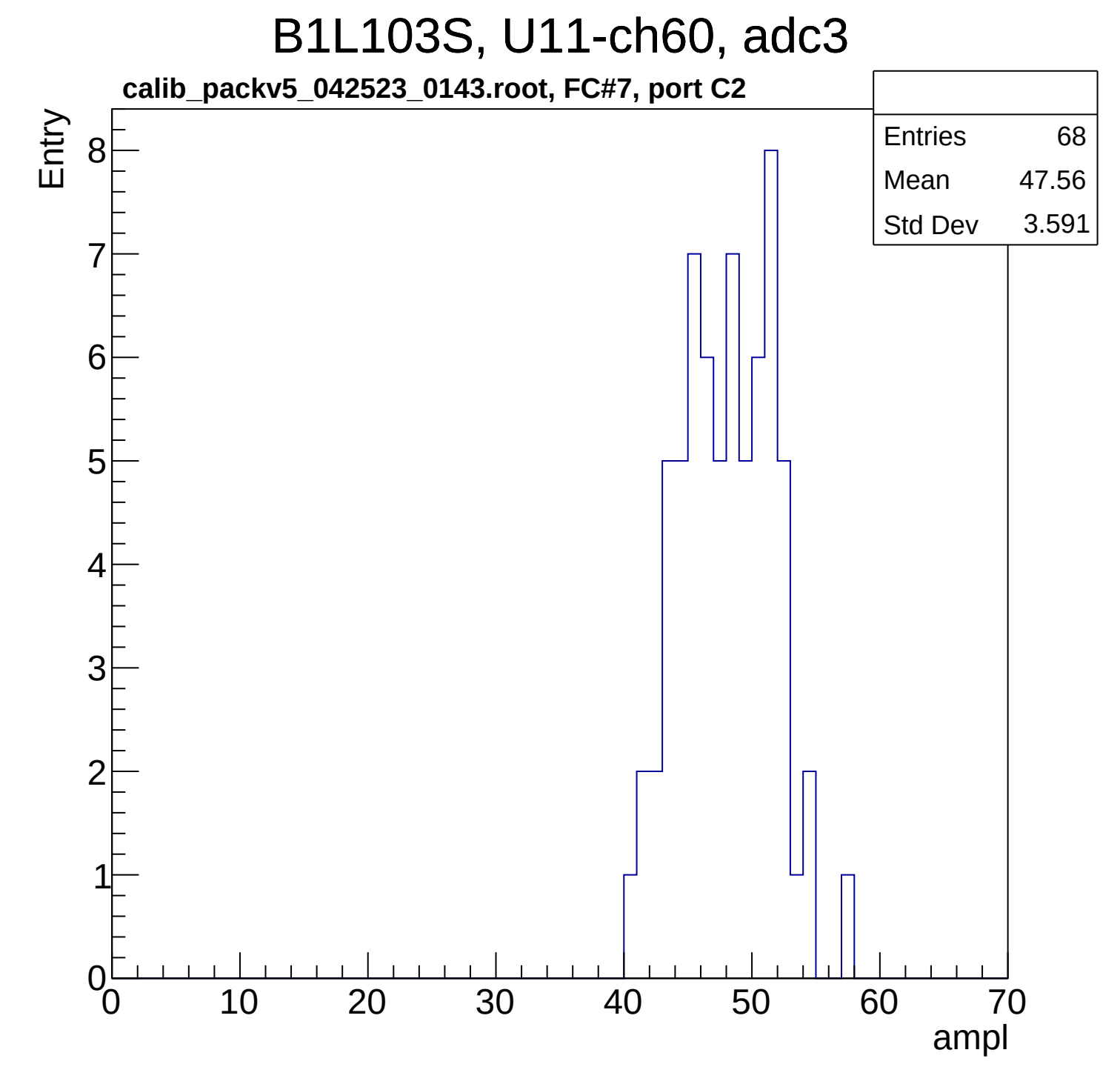
B1L103S, U11-ch60, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 47.56
Std Dev 3.591
Entry
ampl
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2
3
4
5
6
7
8
0
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20
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40
50
60
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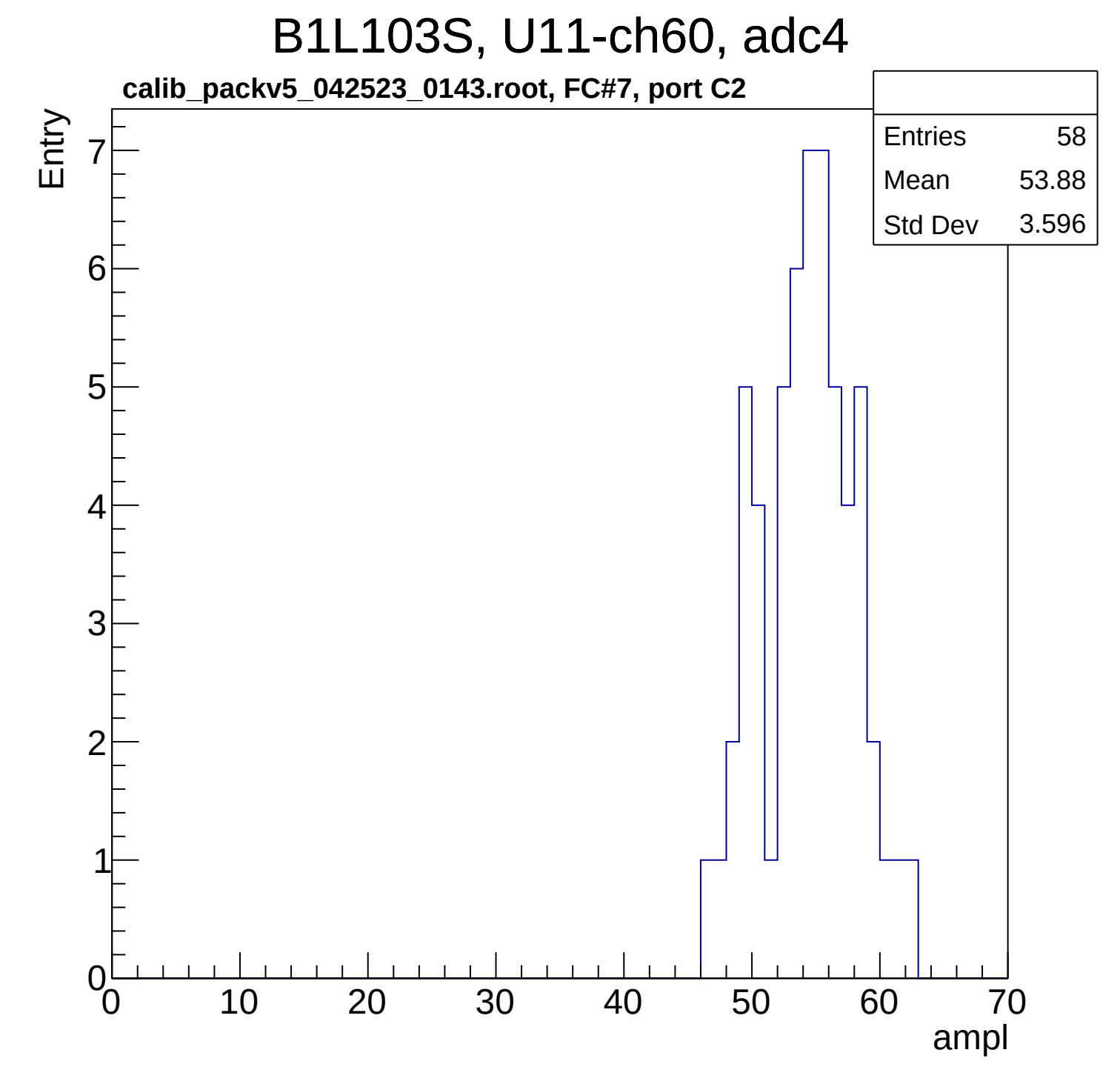
B1L103S, U11-ch60, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 53.88
Std Dev 3.596
Entry
ampl
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1
2
3
4
5
6
7
0
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20
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40
50
60
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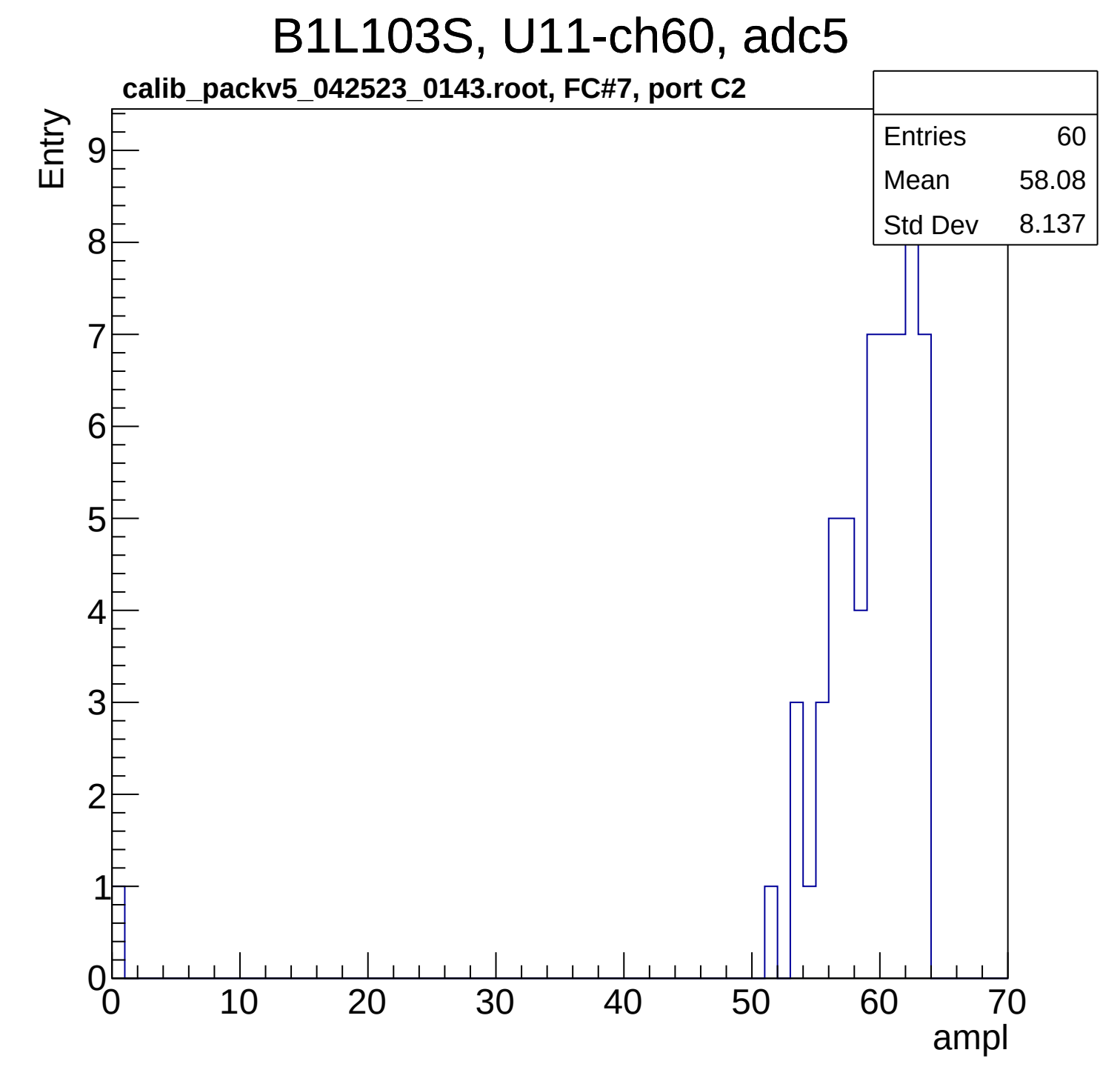
B1L103S, U11-ch60, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 58.08
Std Dev 8.137
Entry
ampl
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2
3
4
5
6
7
8
9
0
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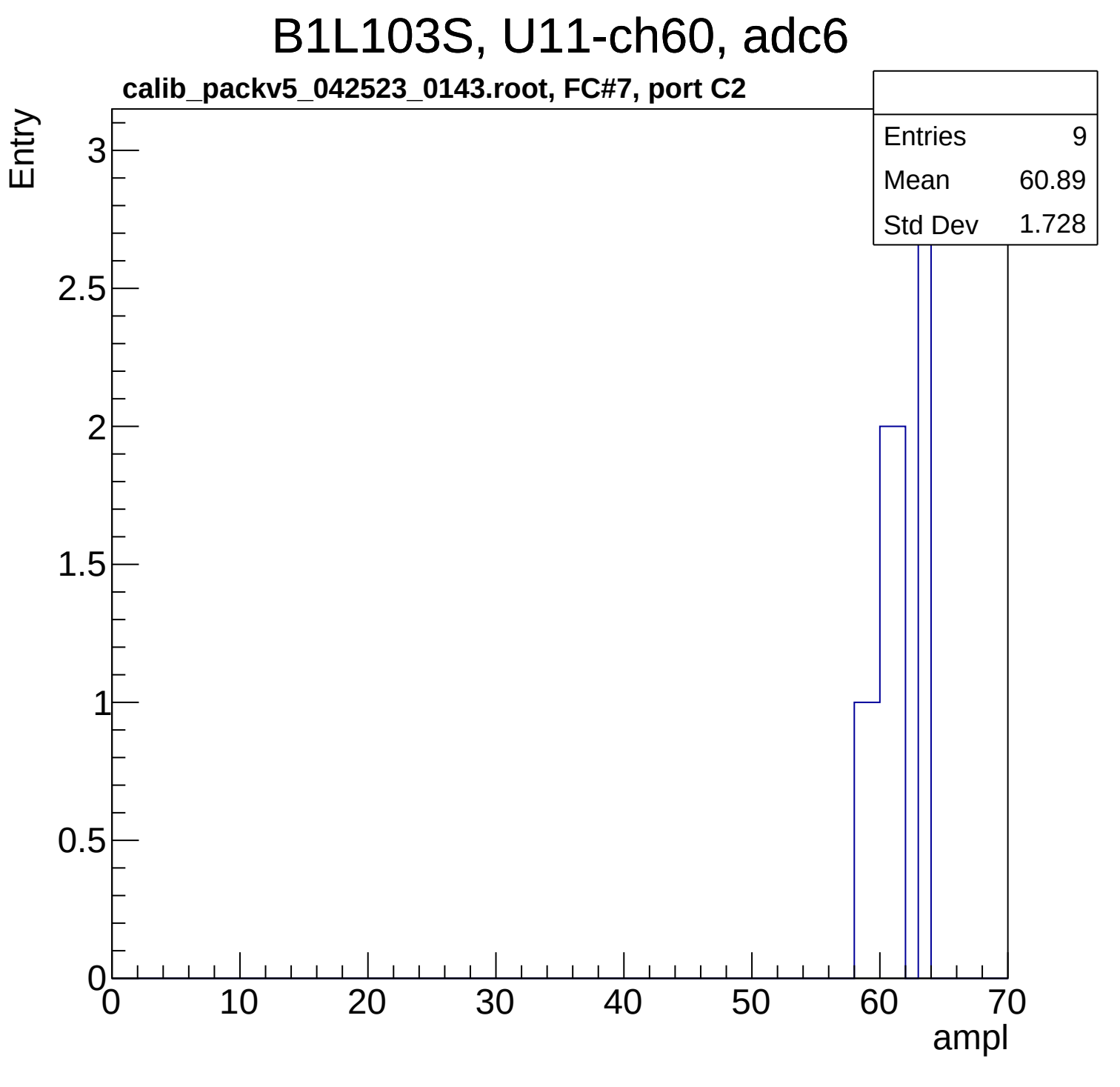
B1L103S, U11-ch60, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 9
Mean 60.89
Std Dev 1.728
Entry
ampl
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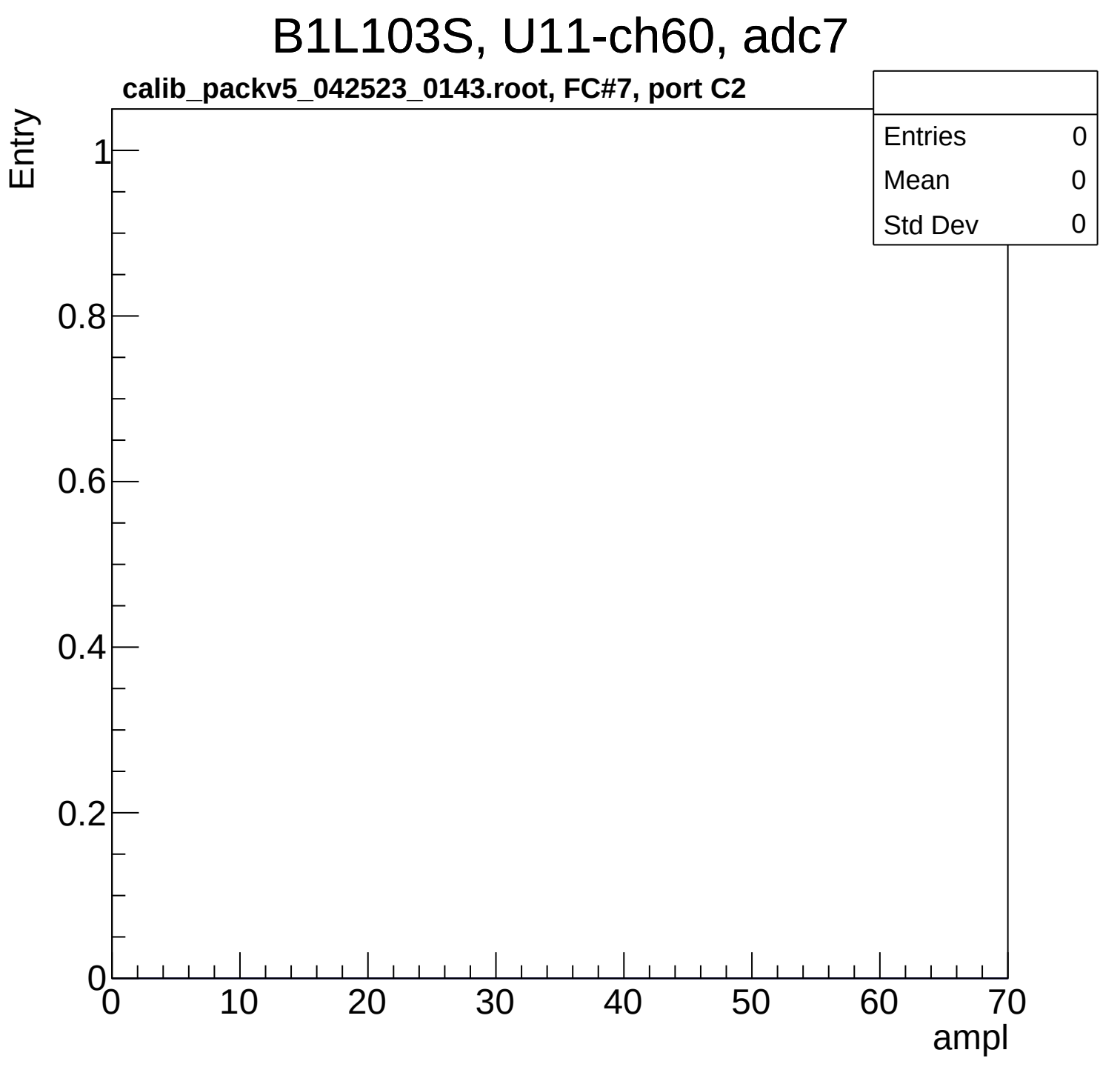
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U11-ch60, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
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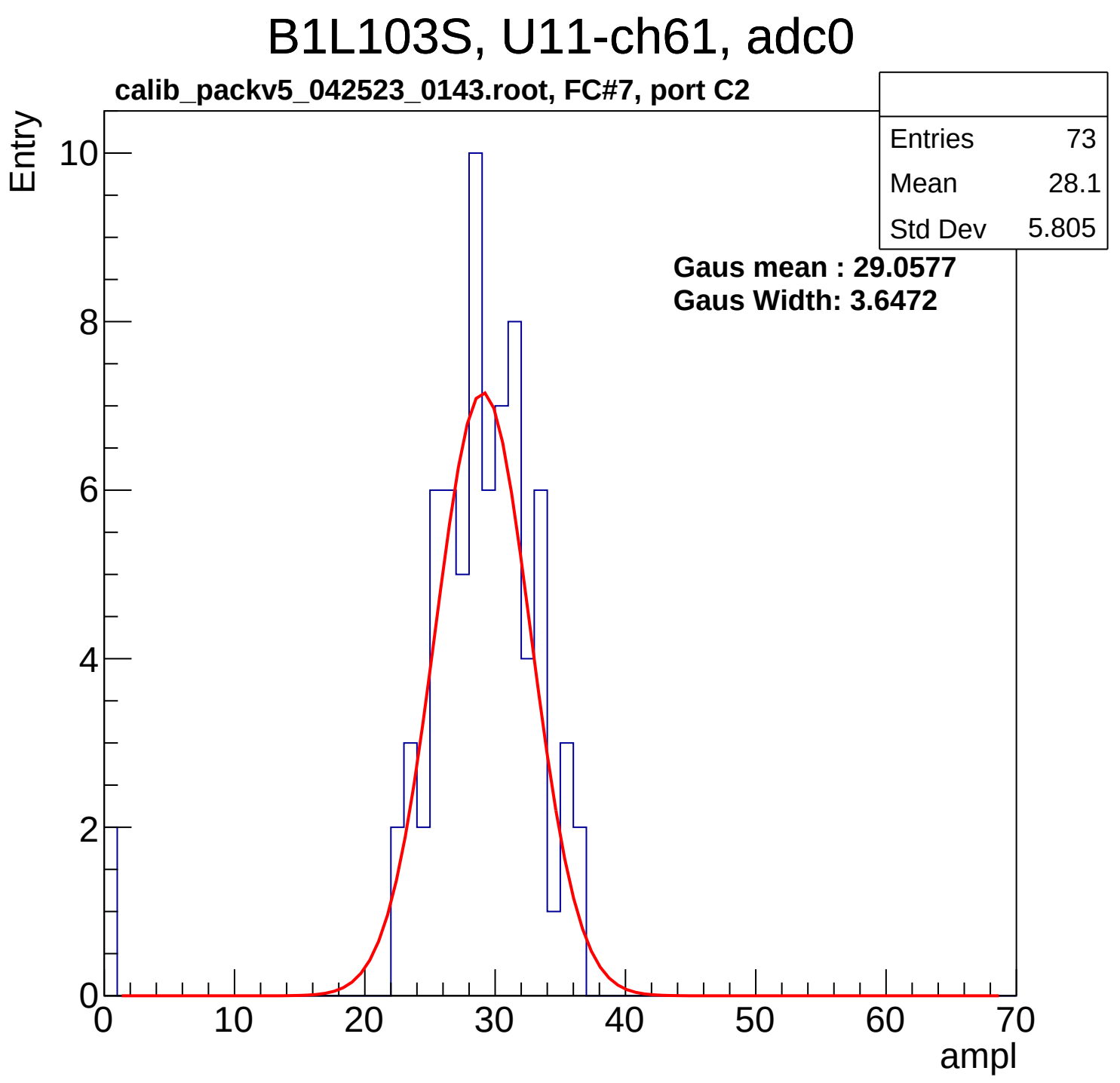
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch61, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 28.1
Std Dev 5.805
Gaus mean : 29.0577
Gaus Width: 3.6472
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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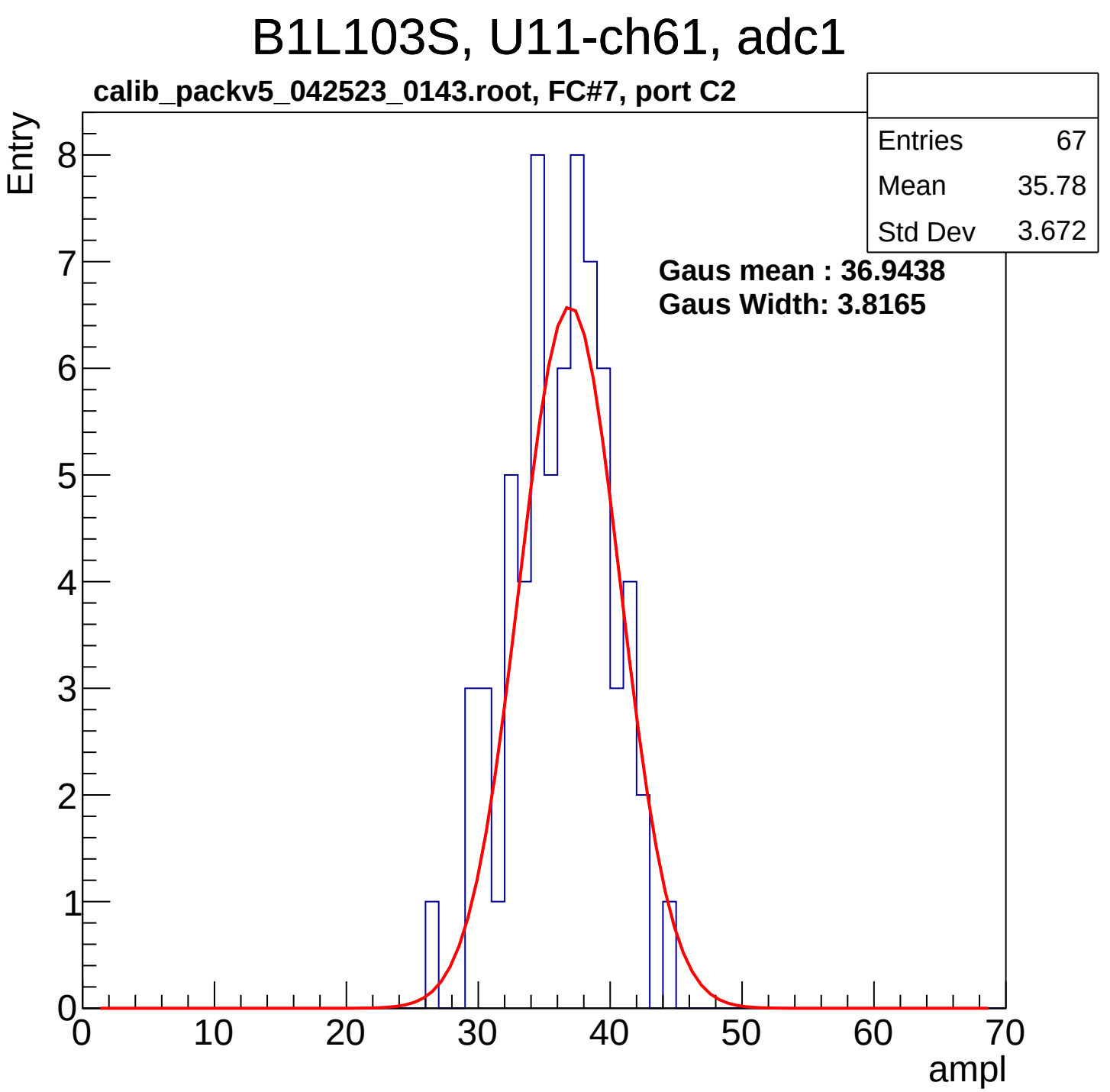
B1L103S, U11-ch61, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 35.78
Std Dev 3.672
Gaus mean : 36.9438
Gaus Width: 3.8165
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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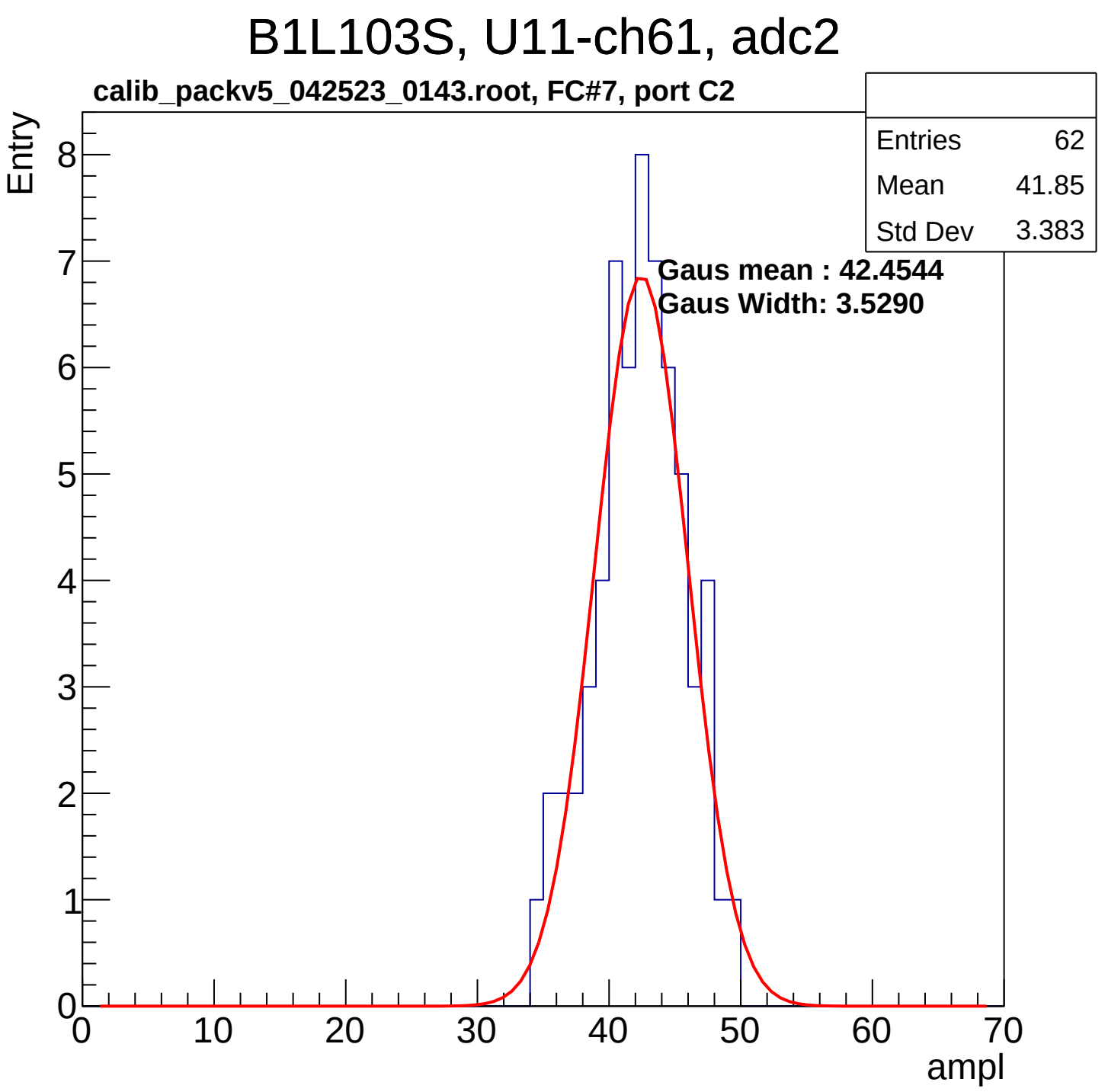
B1L103S, U11-ch61, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 41.85
Std Dev 3.383
Gaus mean : 42.4544
Gaus Width: 3.5290
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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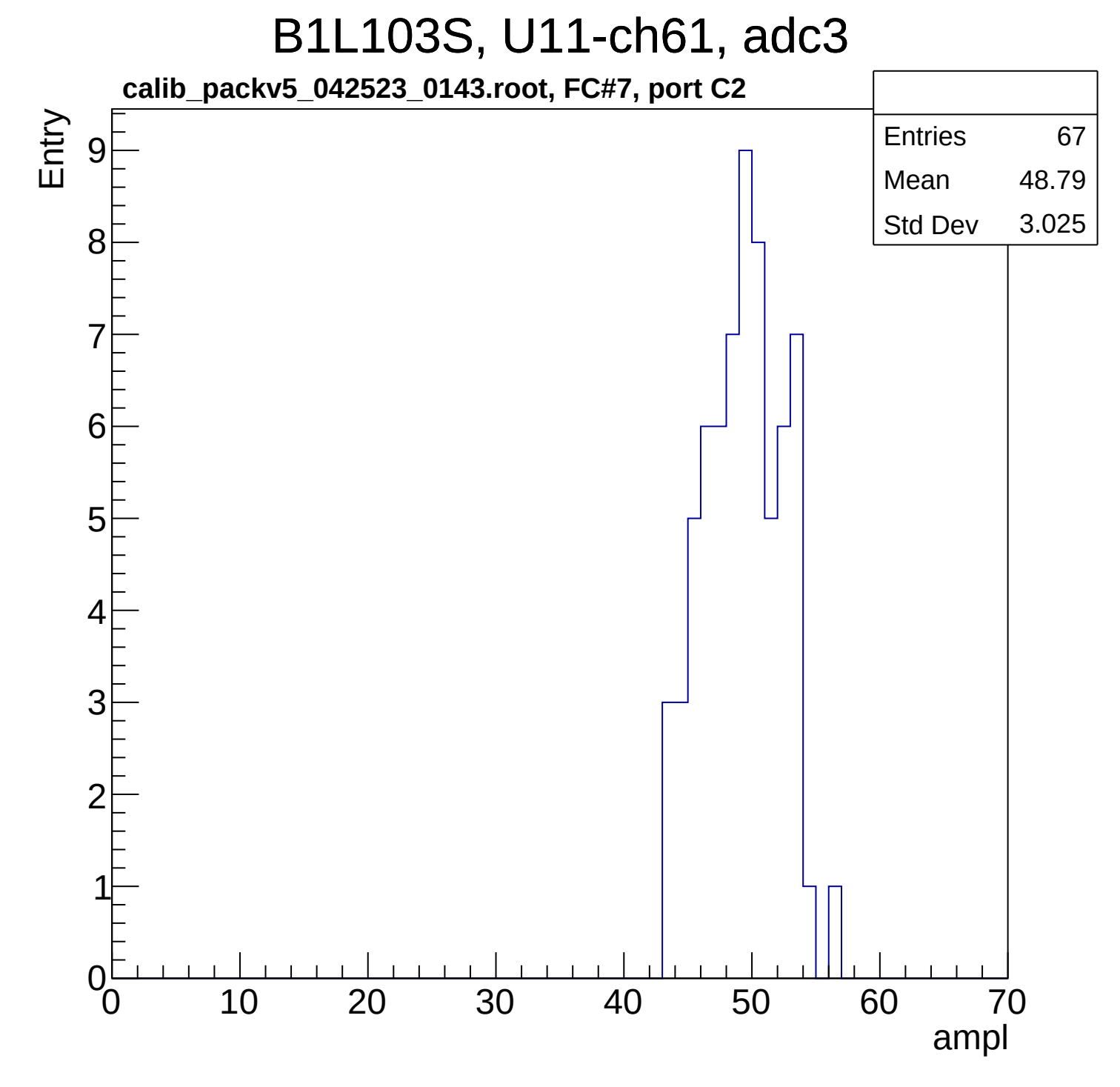
B1L103S, U11-ch61, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 48.79
Std Dev 3.025
Entry
ampl
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2
3
4
5
6
7
8
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40
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60
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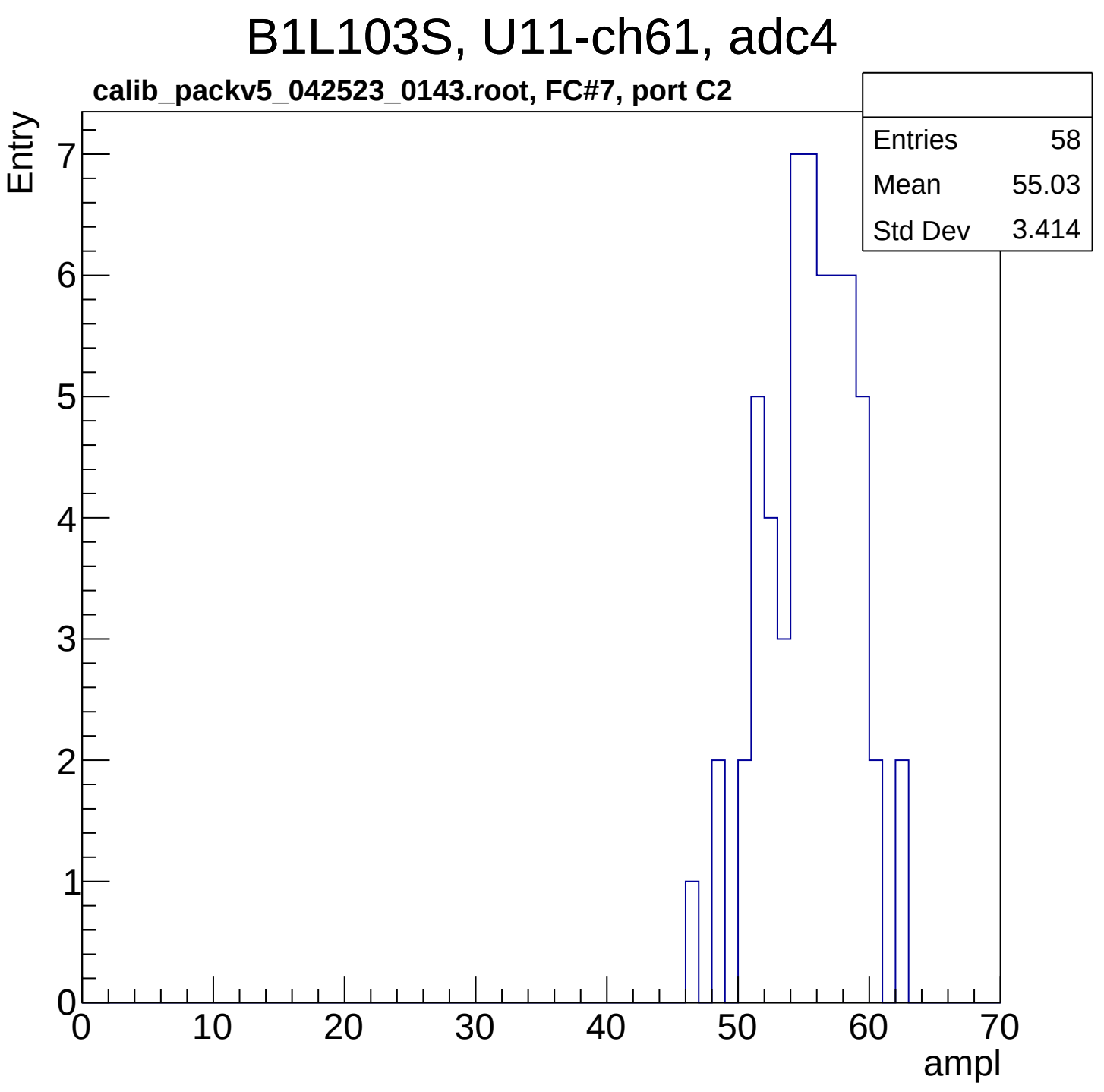
B1L103S, U11-ch61, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 55.03
Std Dev 3.414
Entry
ampl
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3
4
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6
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0
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20
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60
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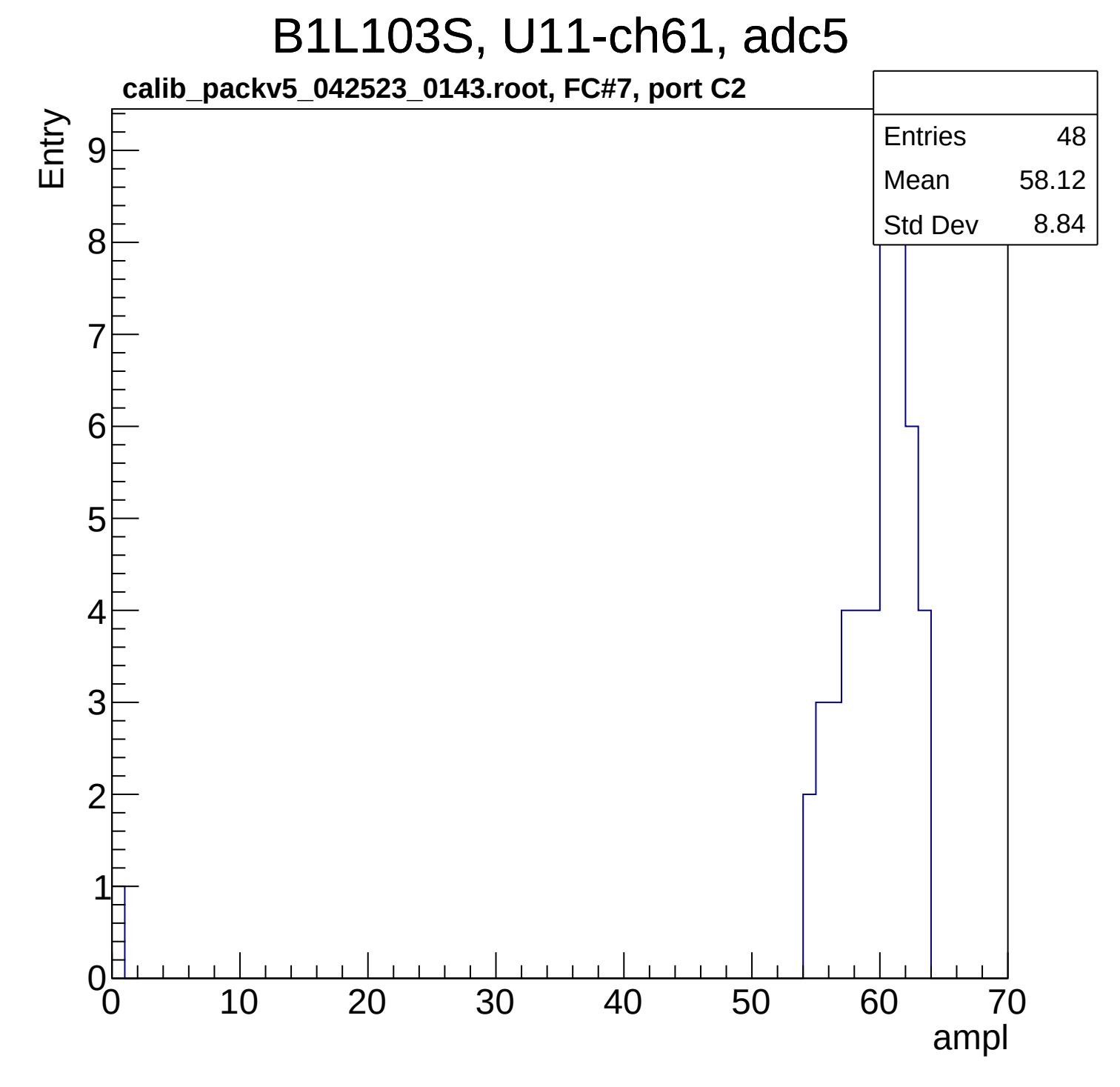
B1L103S, U11-ch61, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 48
Mean 58.12
Std Dev 8.84
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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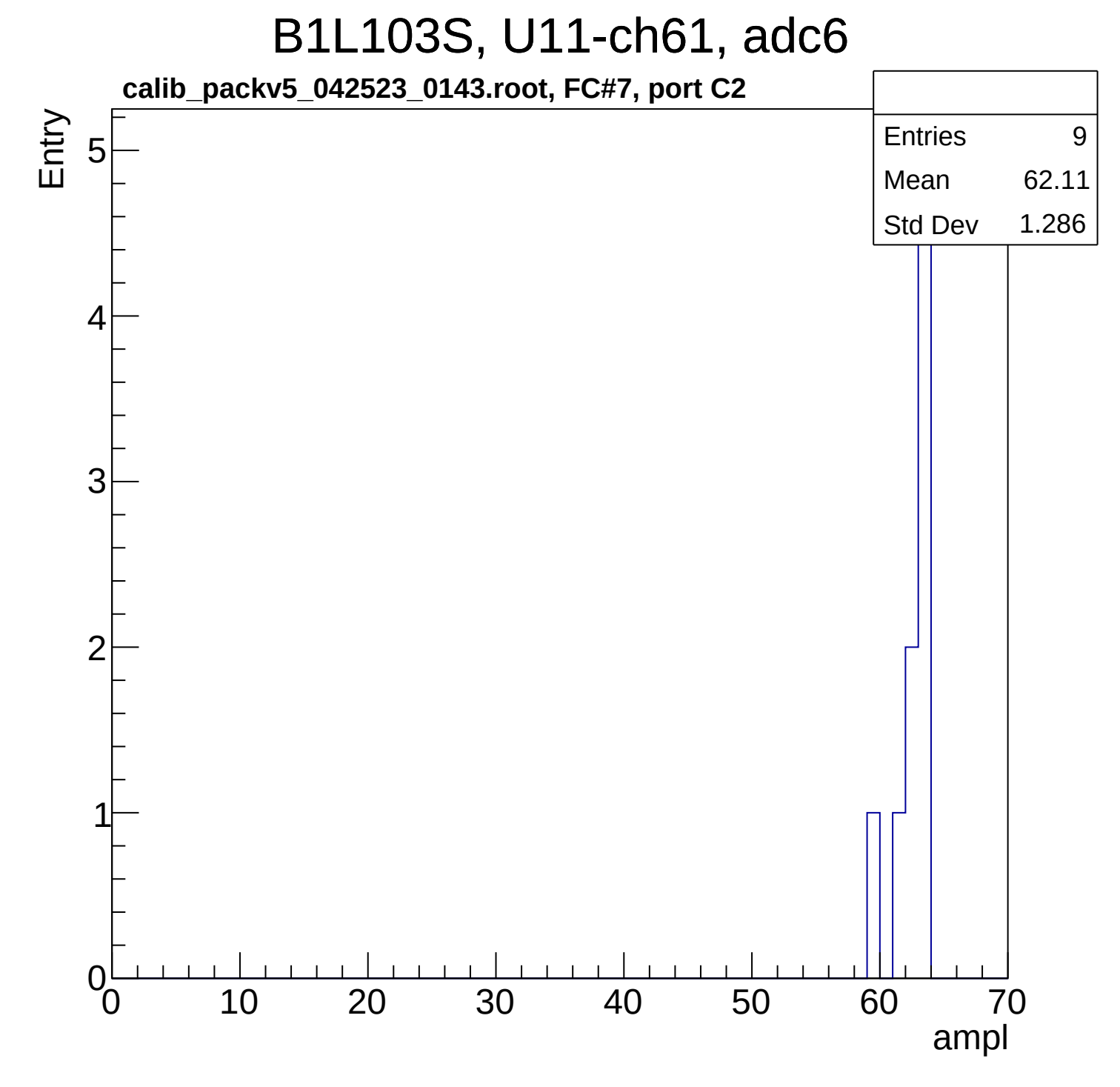
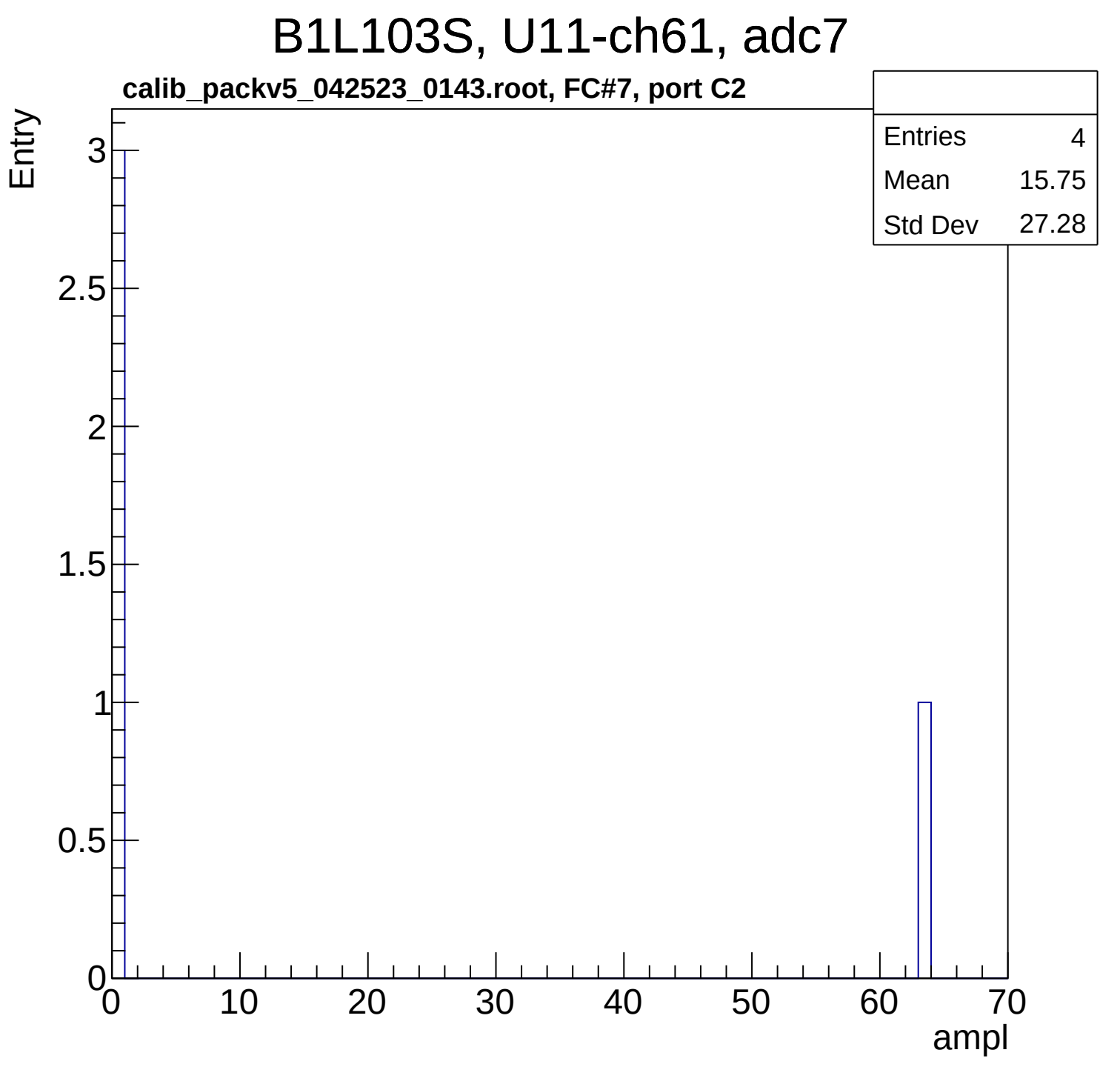
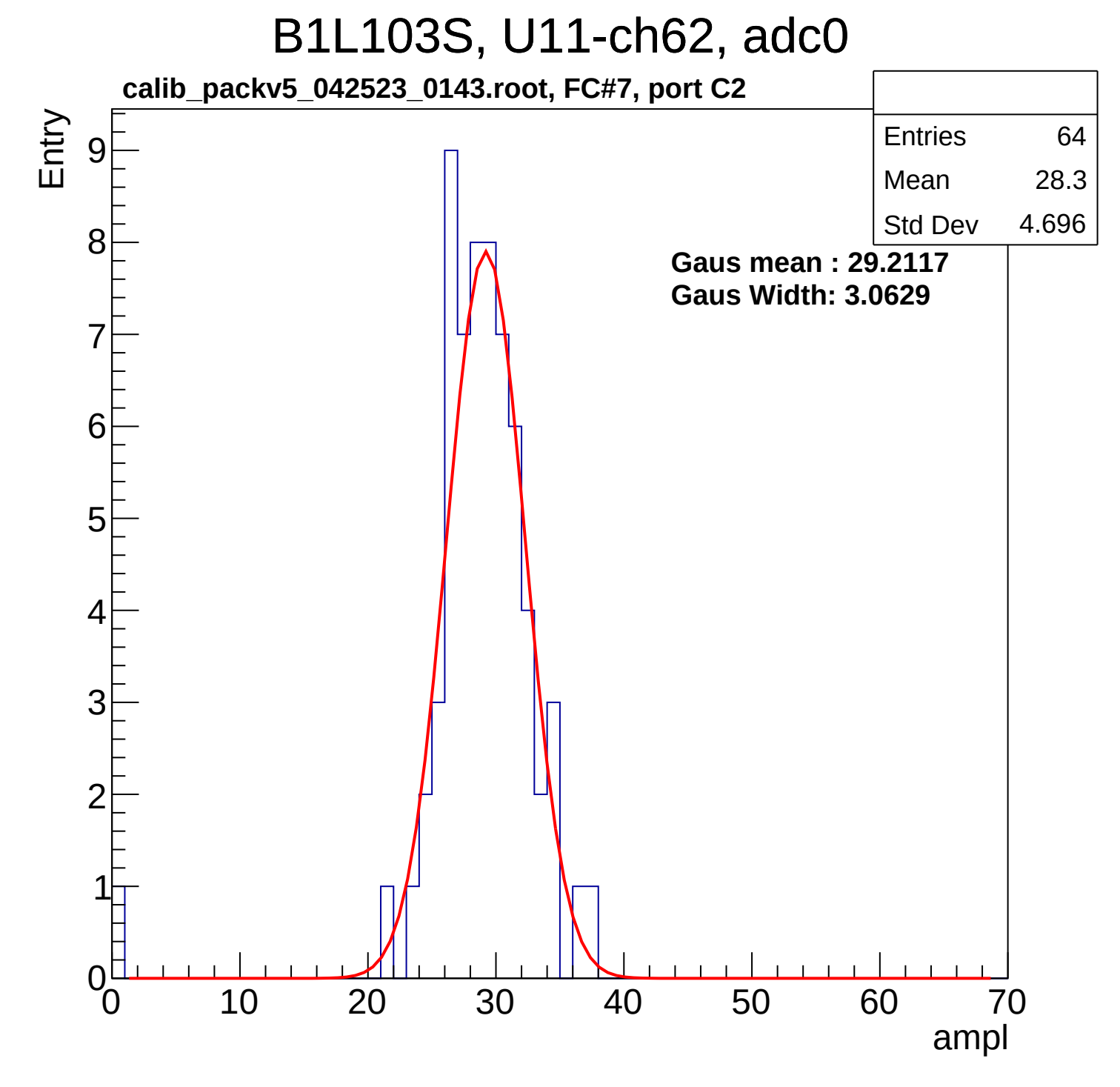
60
70


B1L103S, U11-ch61, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 9
Mean 62.11
Std Dev 1.286
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch61, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch62, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 28.3
Std Dev 4.696
Gaus mean : 29.2117
Gaus Width: 3.0629
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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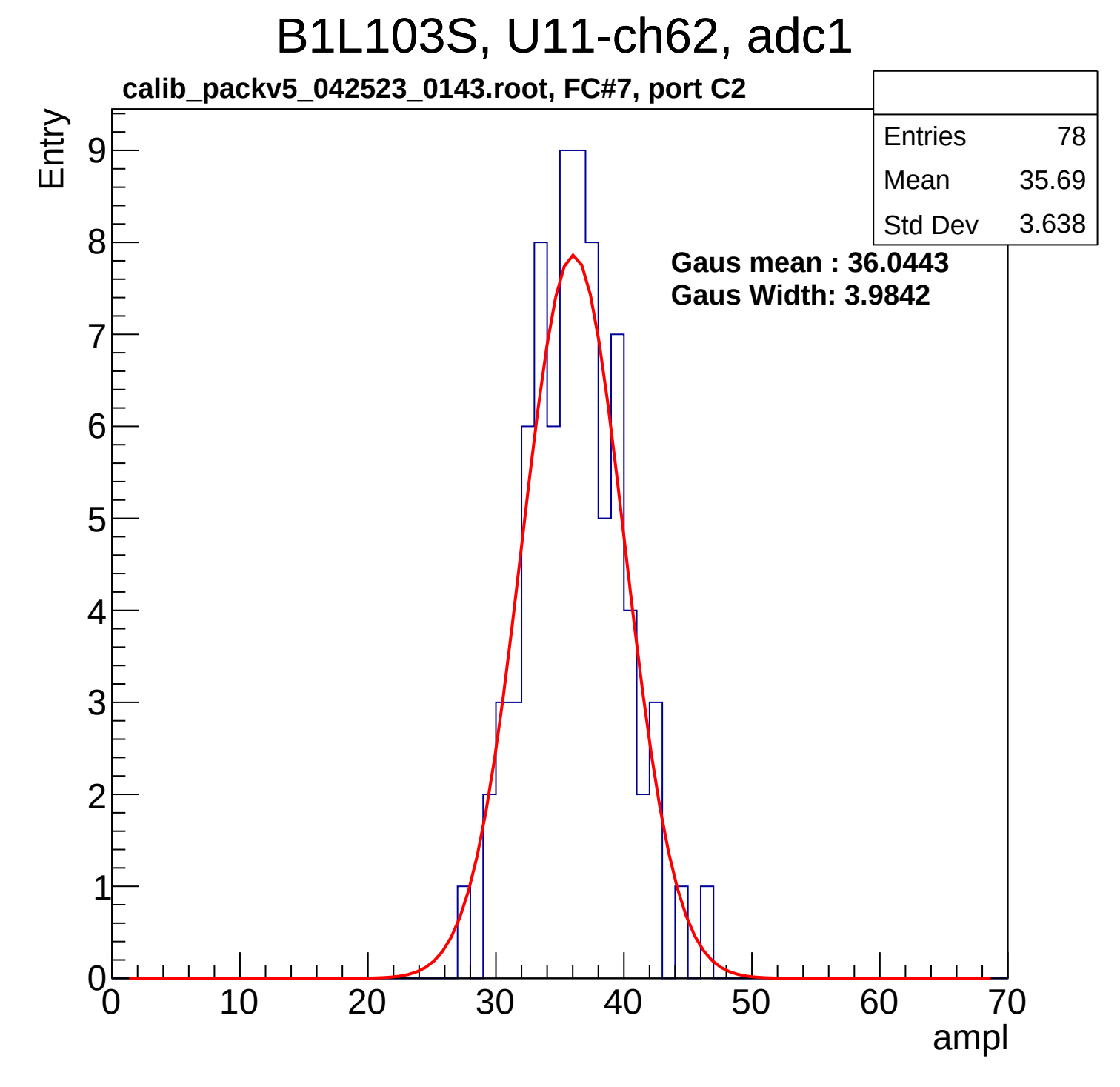
B1L103S, U11-ch62, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 78
Mean 35.69
Std Dev 3.638
Gaus mean : 36.0443
Gaus Width: 3.9842
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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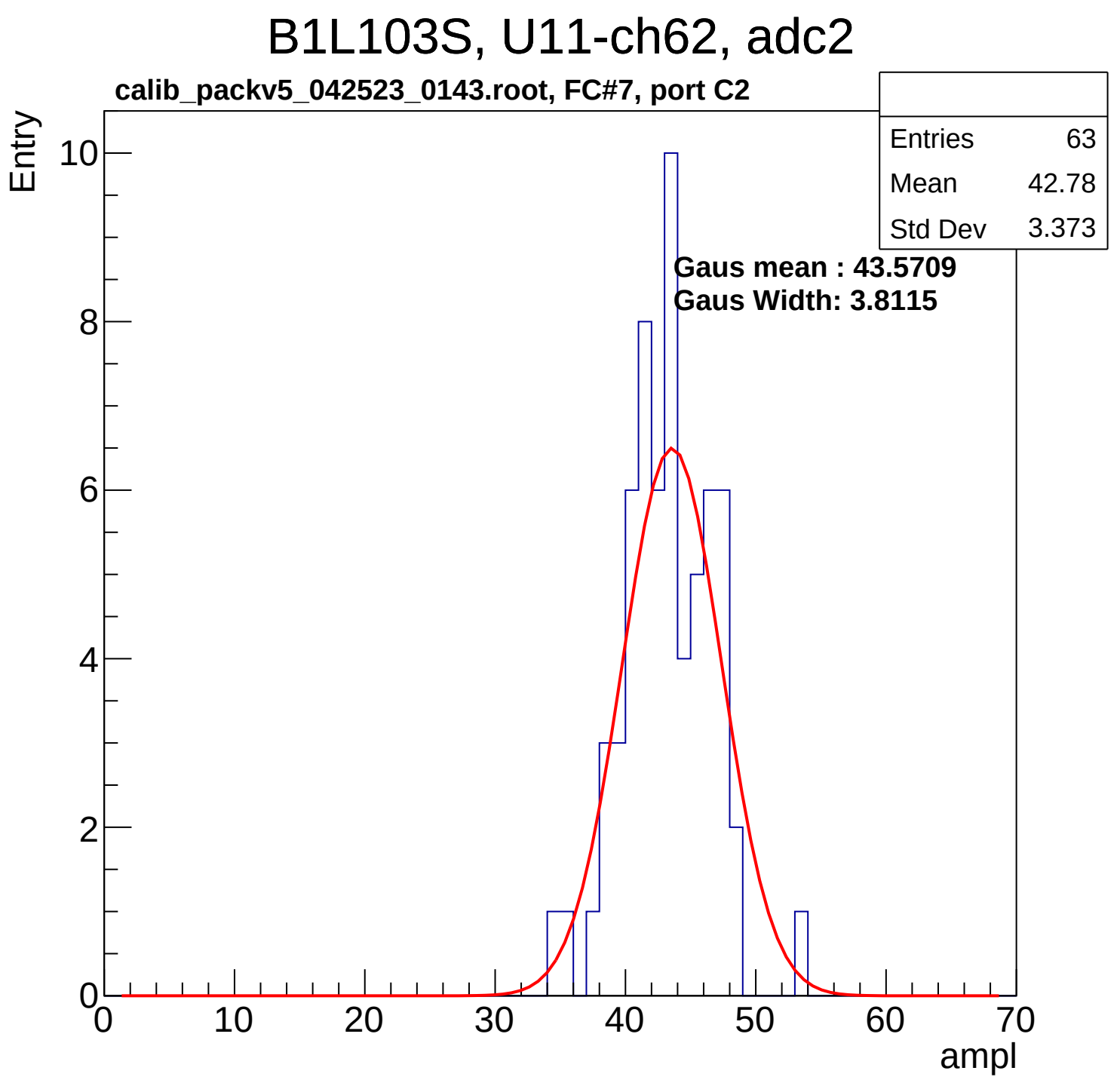
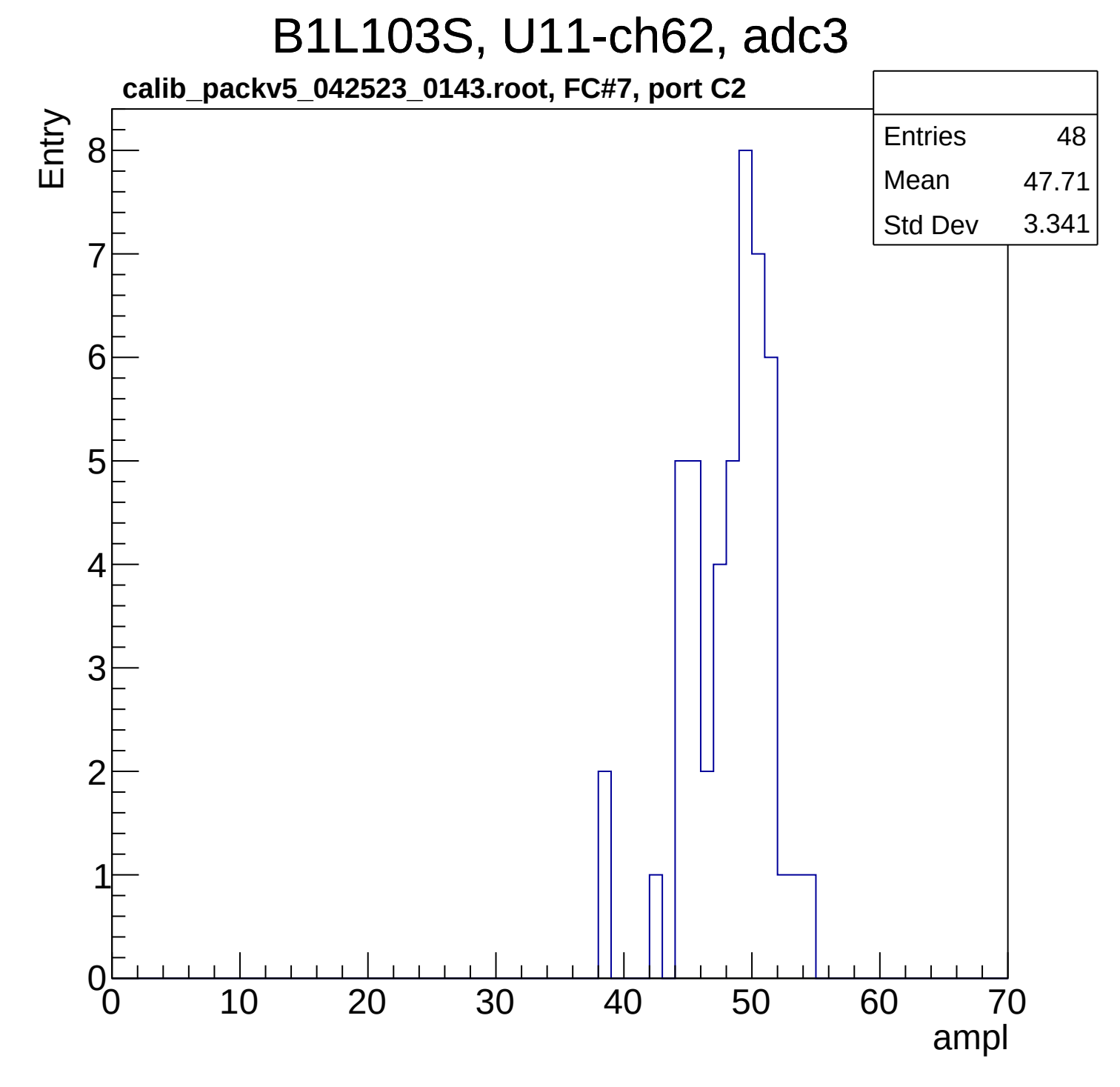
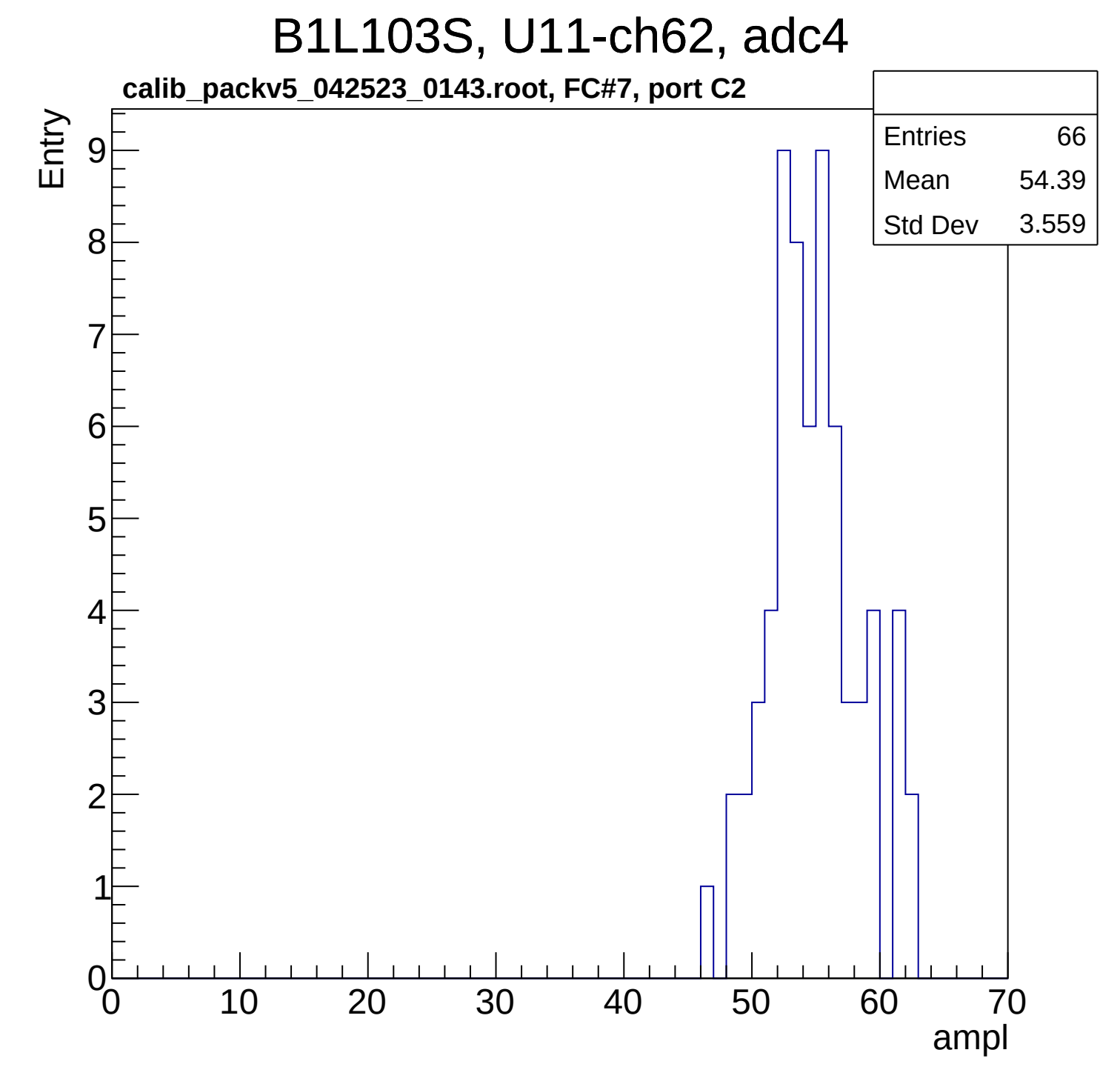
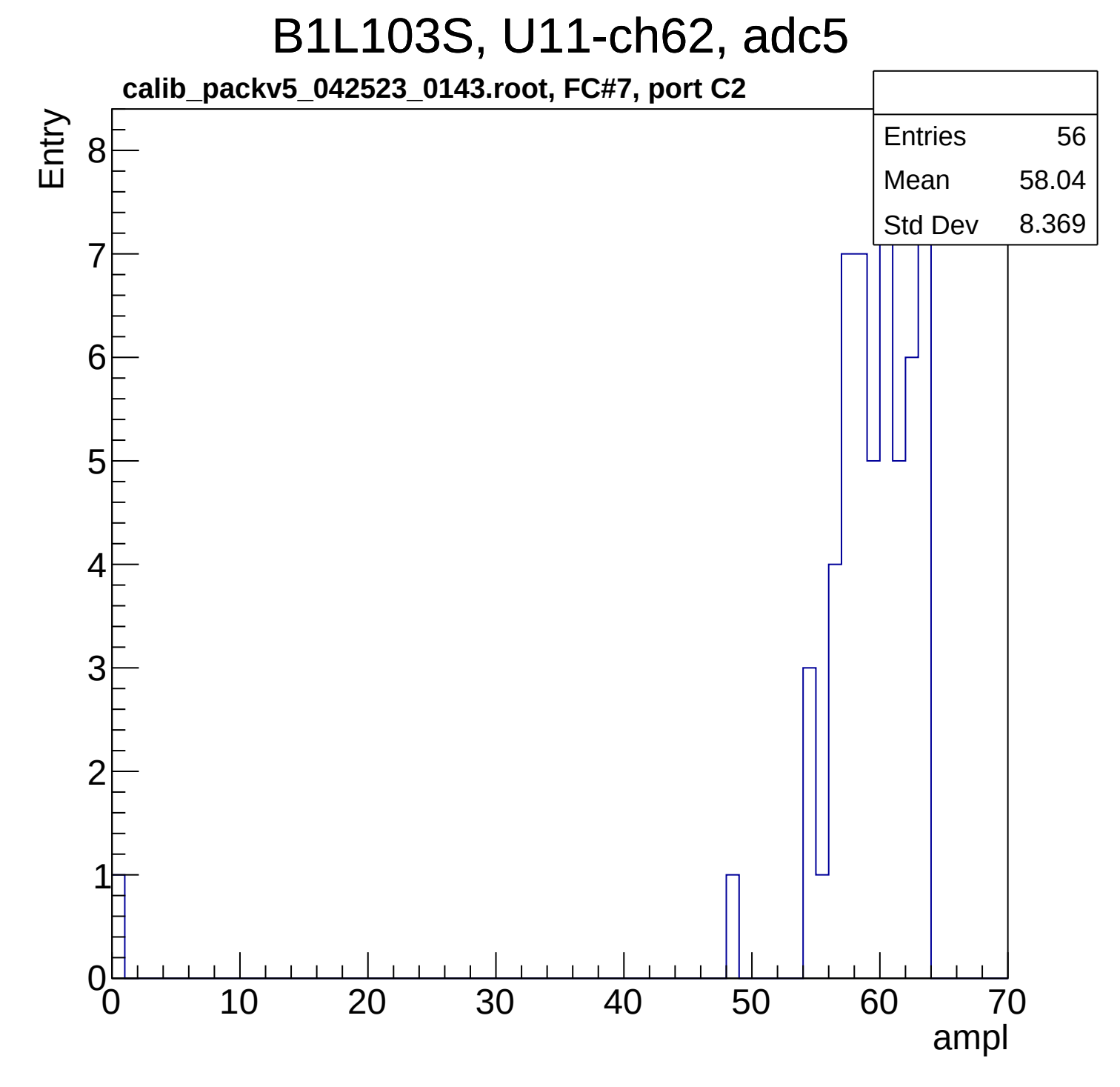

B1L103S, U11-ch62, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 42.78
Std Dev 3.373
Gaus mean : 43.5709
Gaus Width: 3.8115
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch62, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 48
Mean 47.71
Std Dev 3.341
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch62, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 54.39
Std Dev 3.559
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch62, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 58.04
Std Dev 8.369
Entry
ampl
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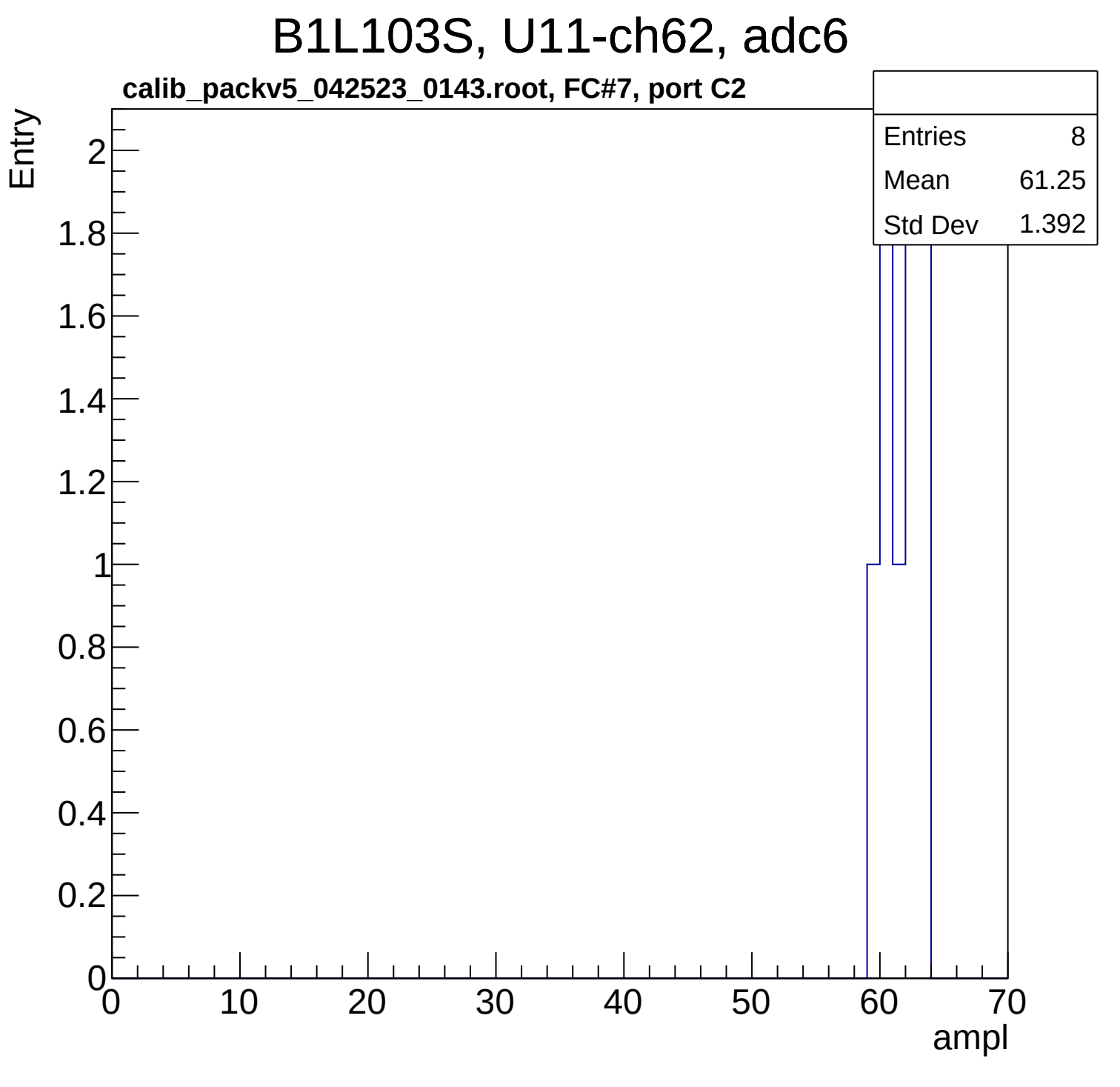
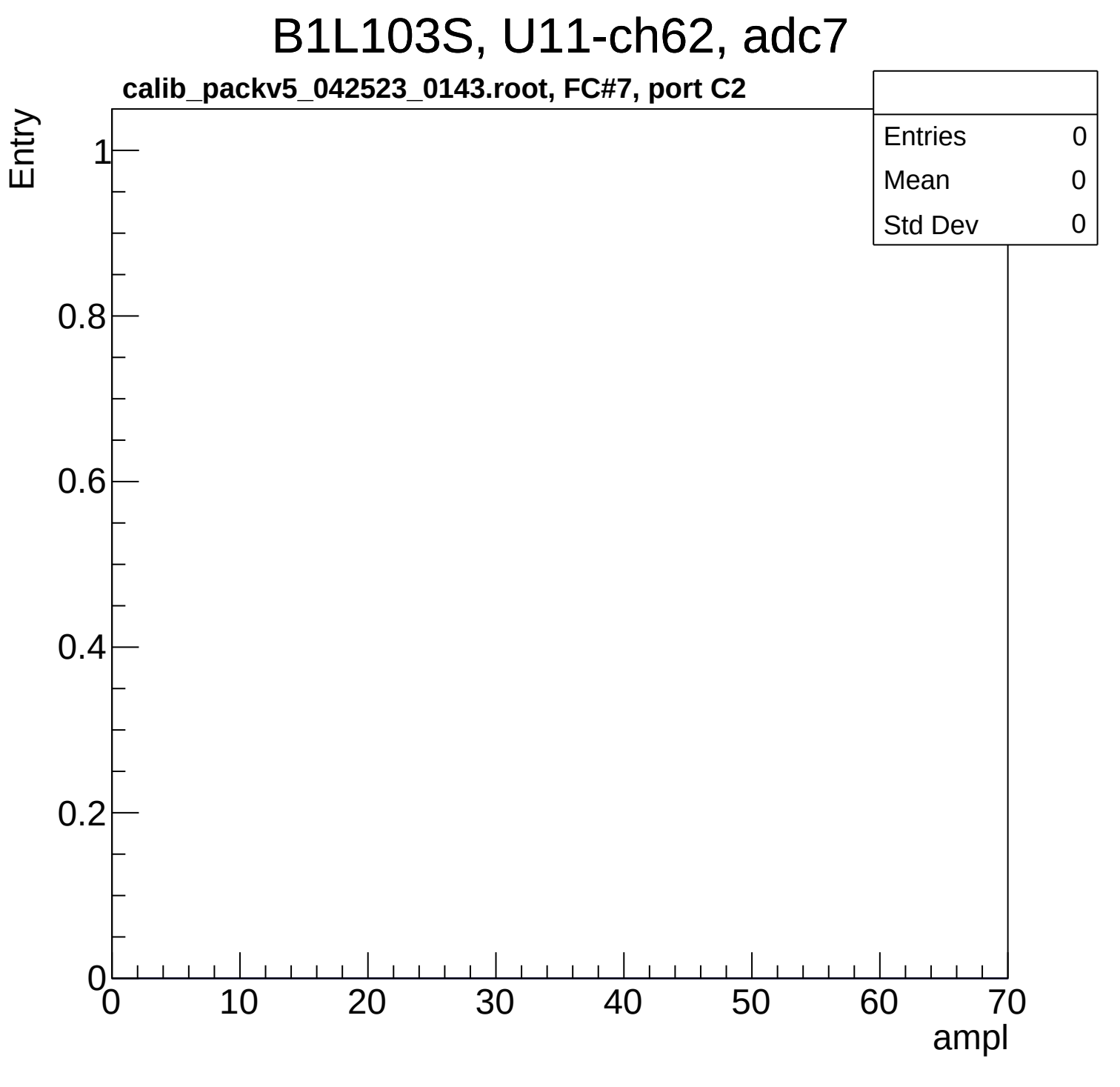
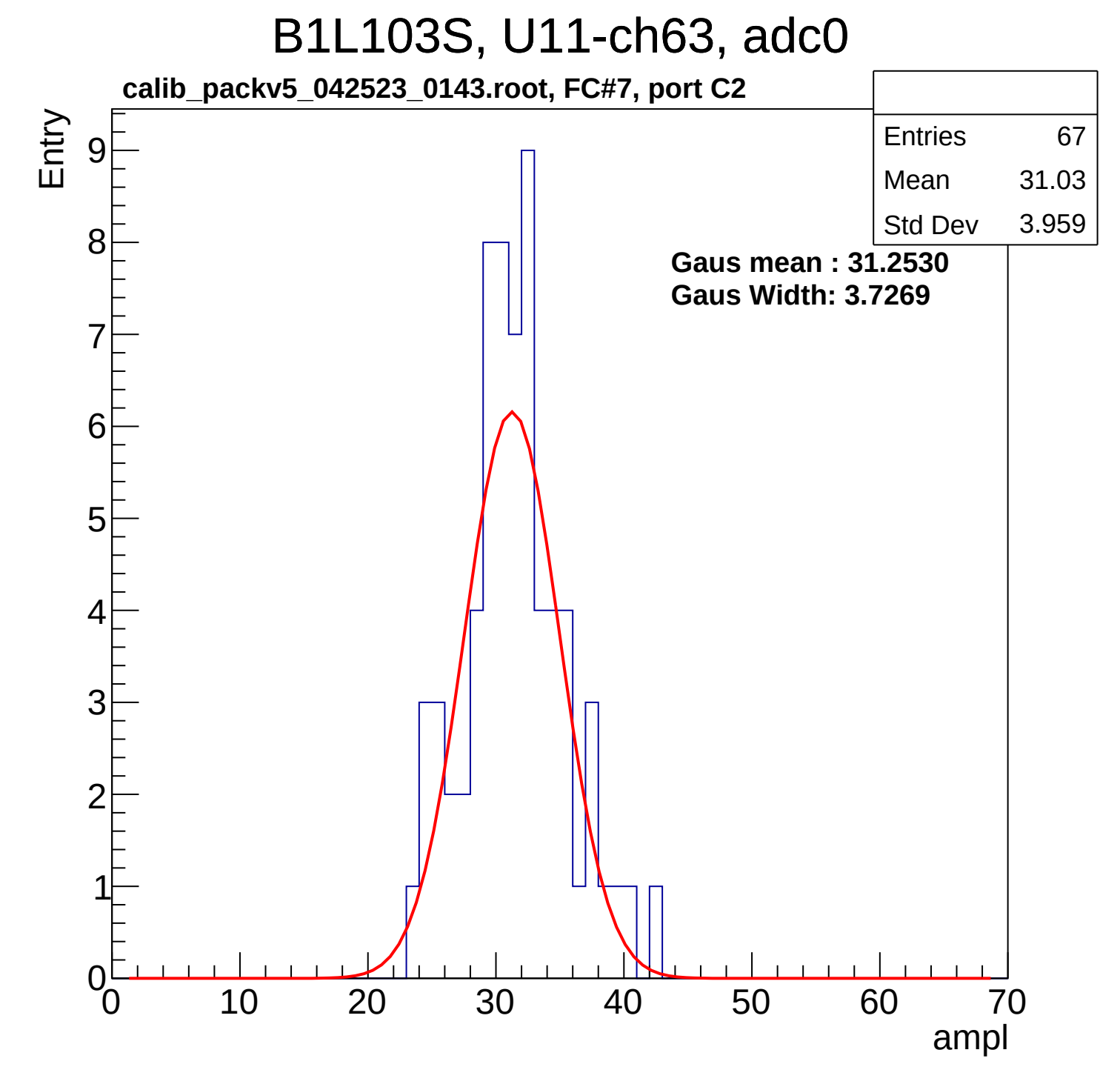
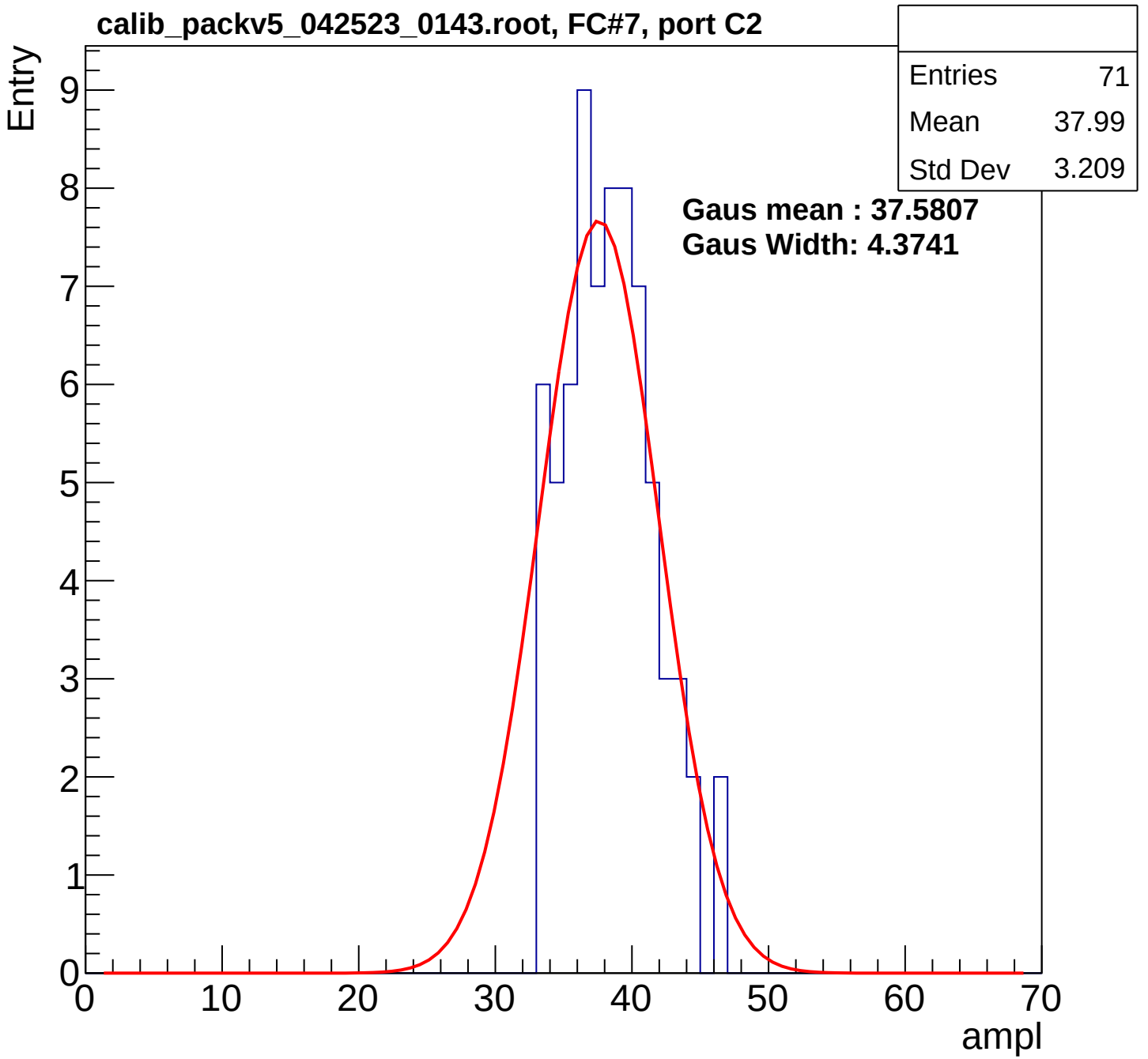
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch62, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 8
Mean 61.25
Std Dev 1.392
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


B1L103S, U11-ch62, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch63, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 31.03
Std Dev 3.959
Gaus mean : 31.2530
Gaus Width: 3.7269
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch63, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 37.99
Std Dev 3.209
Gaus mean : 37.5807
Gaus Width: 4.3741
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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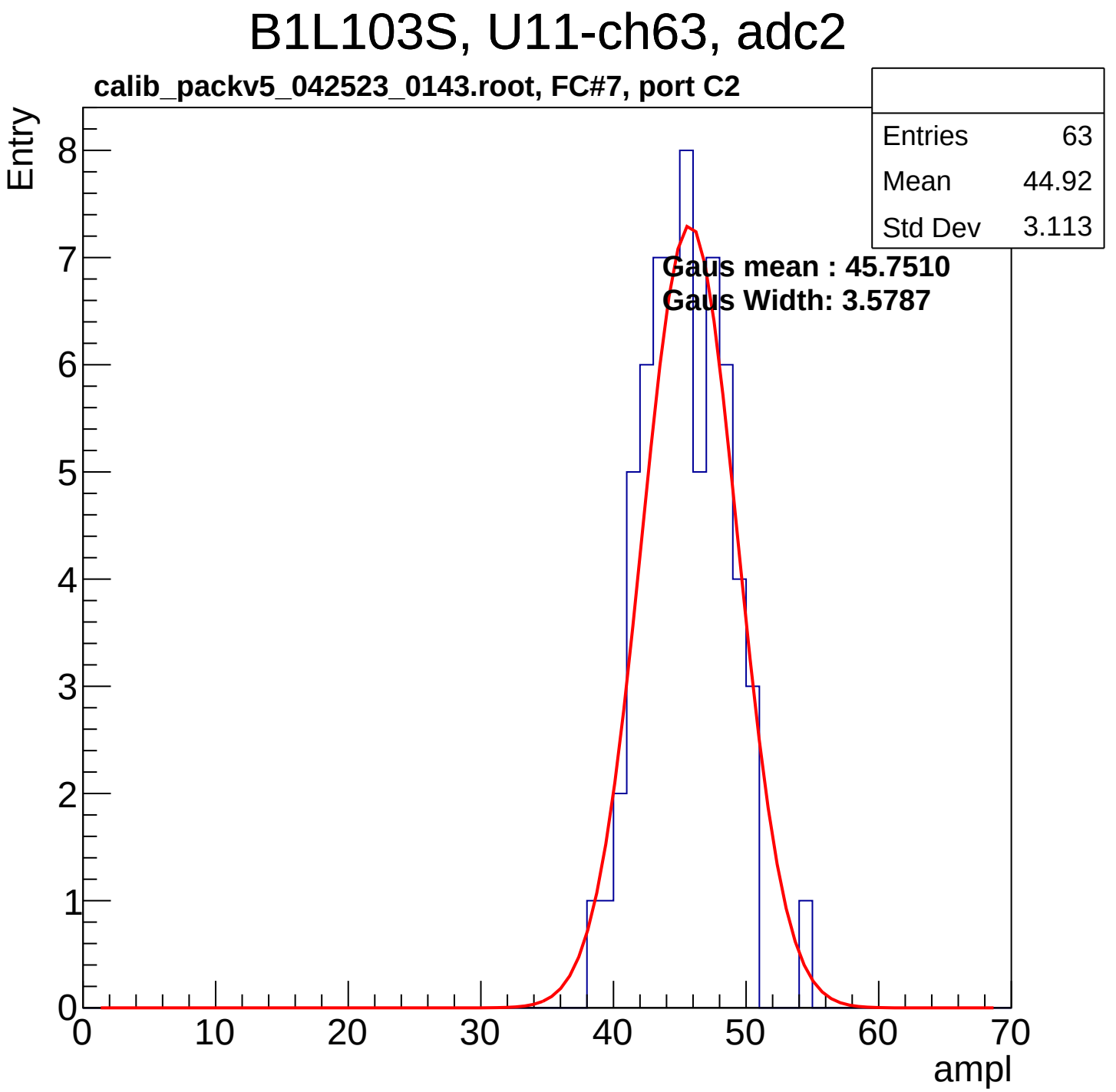
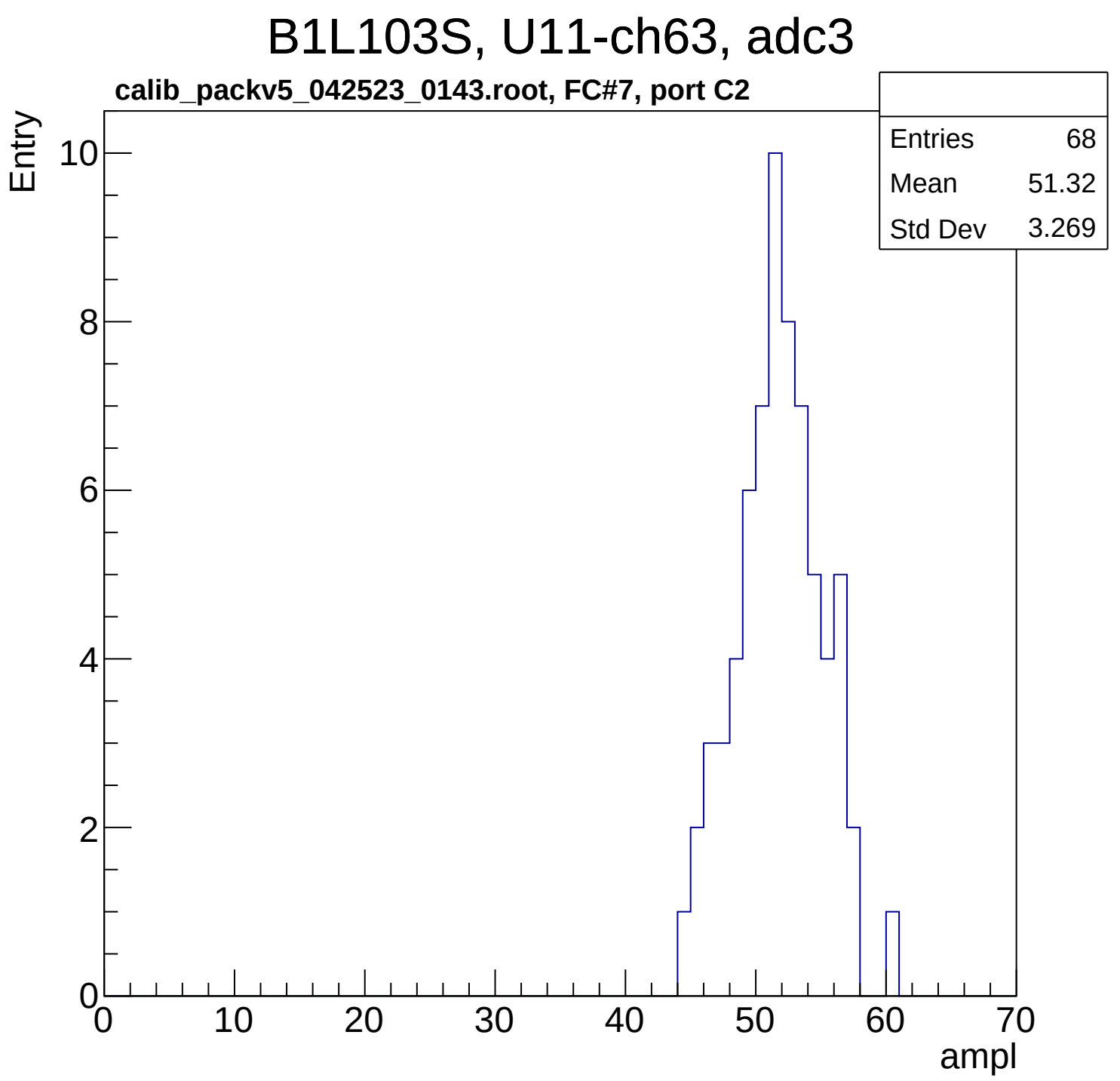
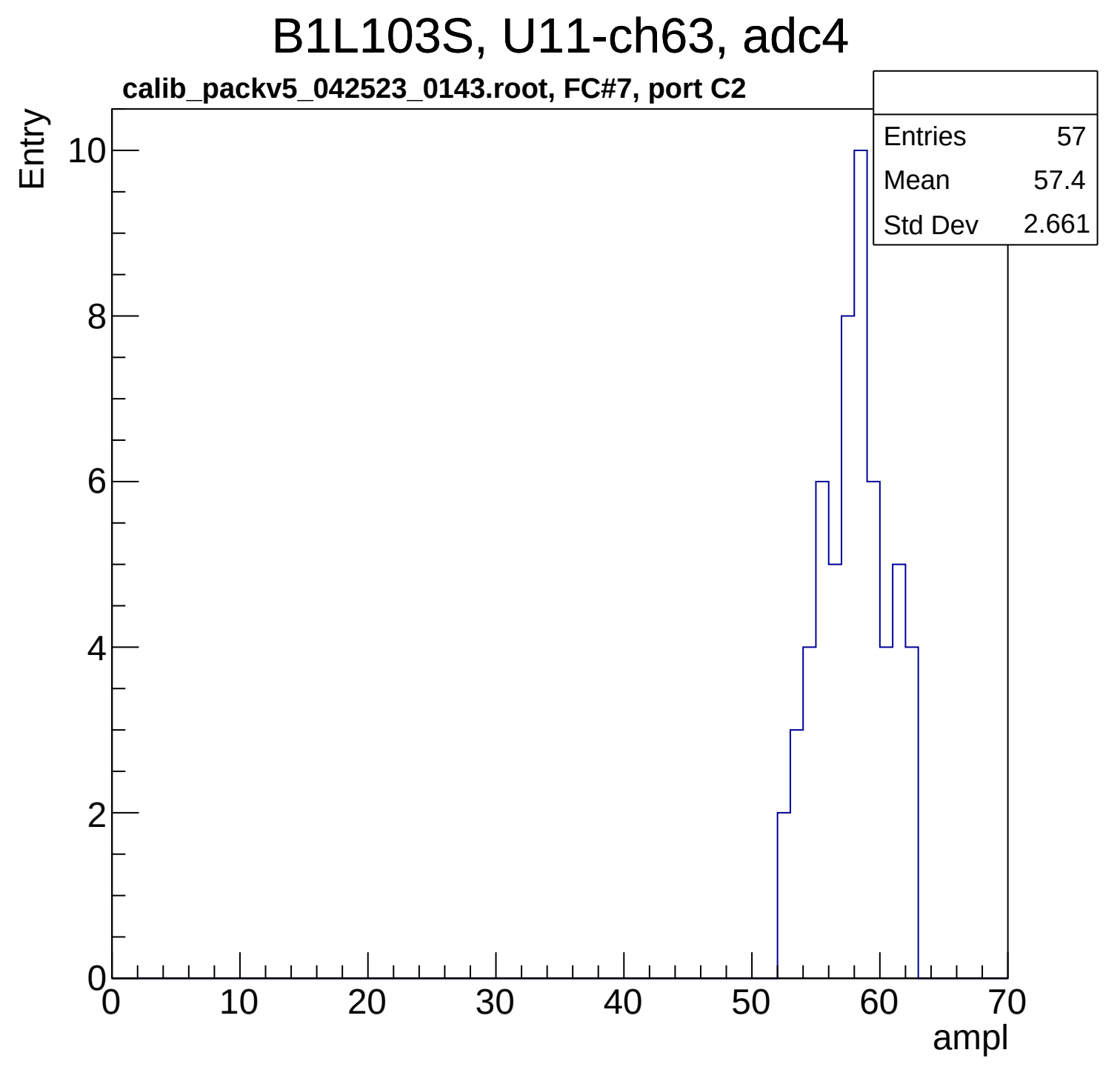
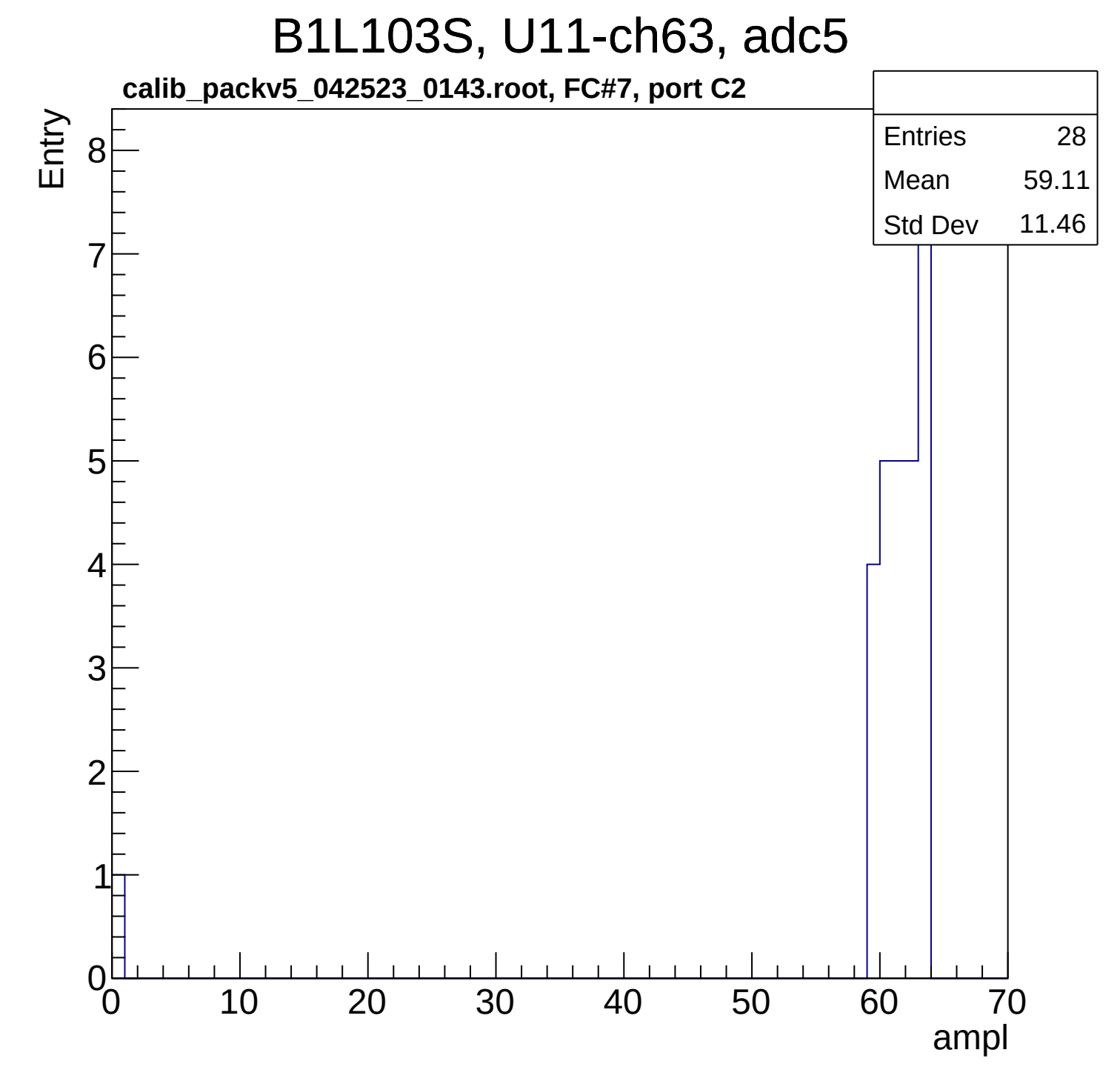

B1L103S, U11-ch63, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 44.92
Std Dev 3.113
Gaus mean : 45.7510
Gaus Width: 3.5787
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch63, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 51.32
Std Dev 3.269
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch63, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 57.4
Std Dev 2.661
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch63, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 28
Mean 59.11
Std Dev 11.46
Entry
ampl
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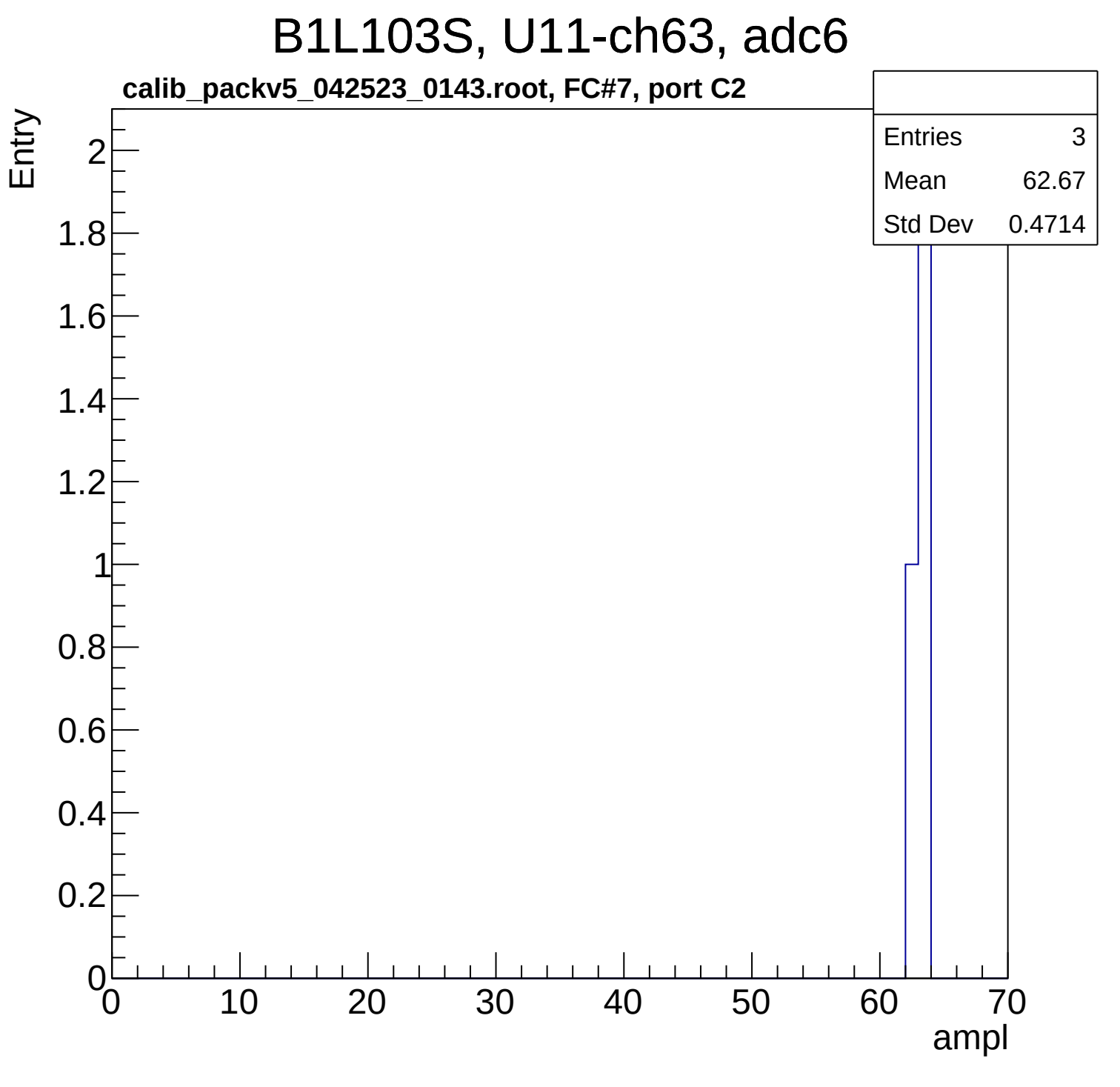
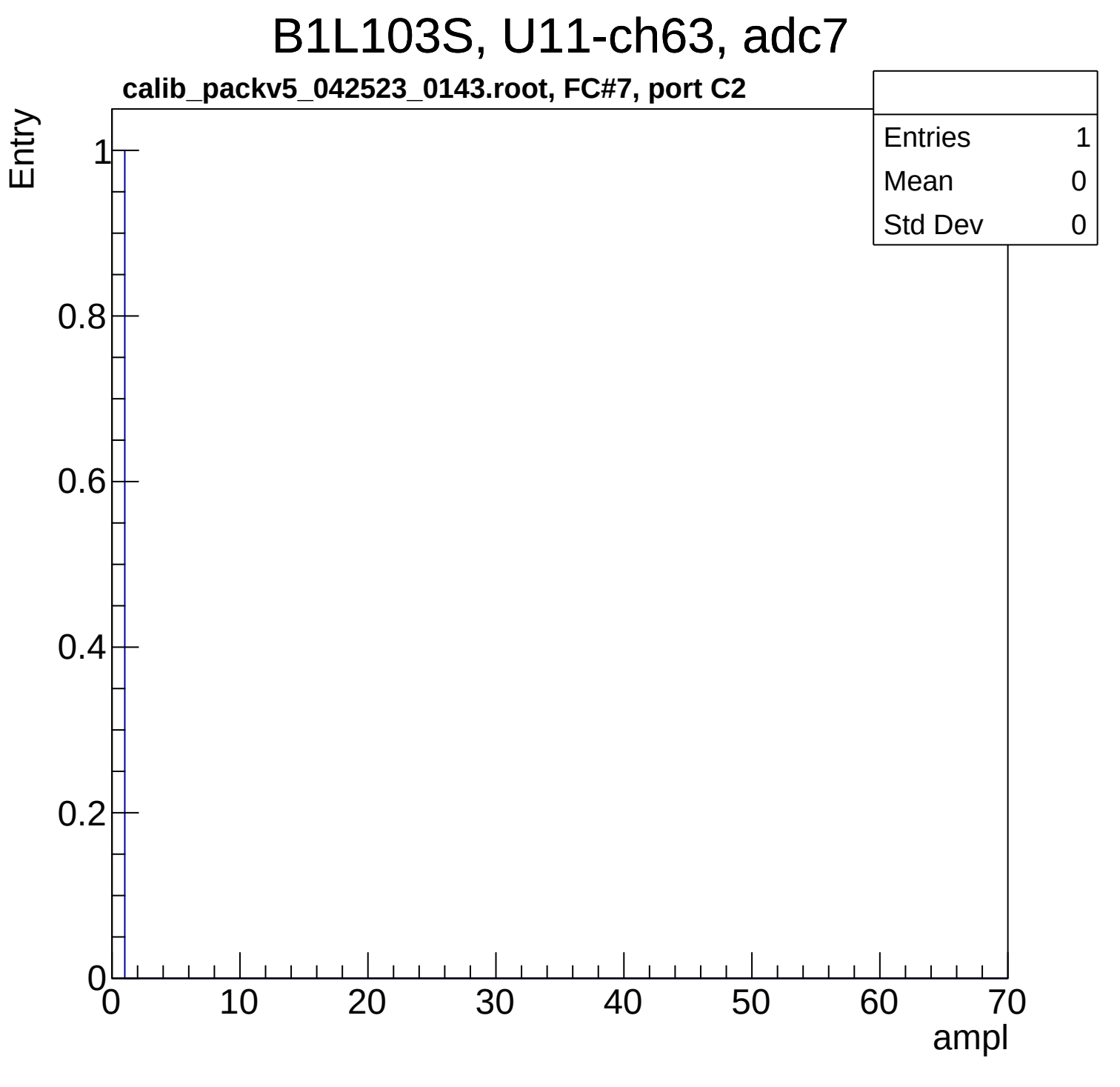
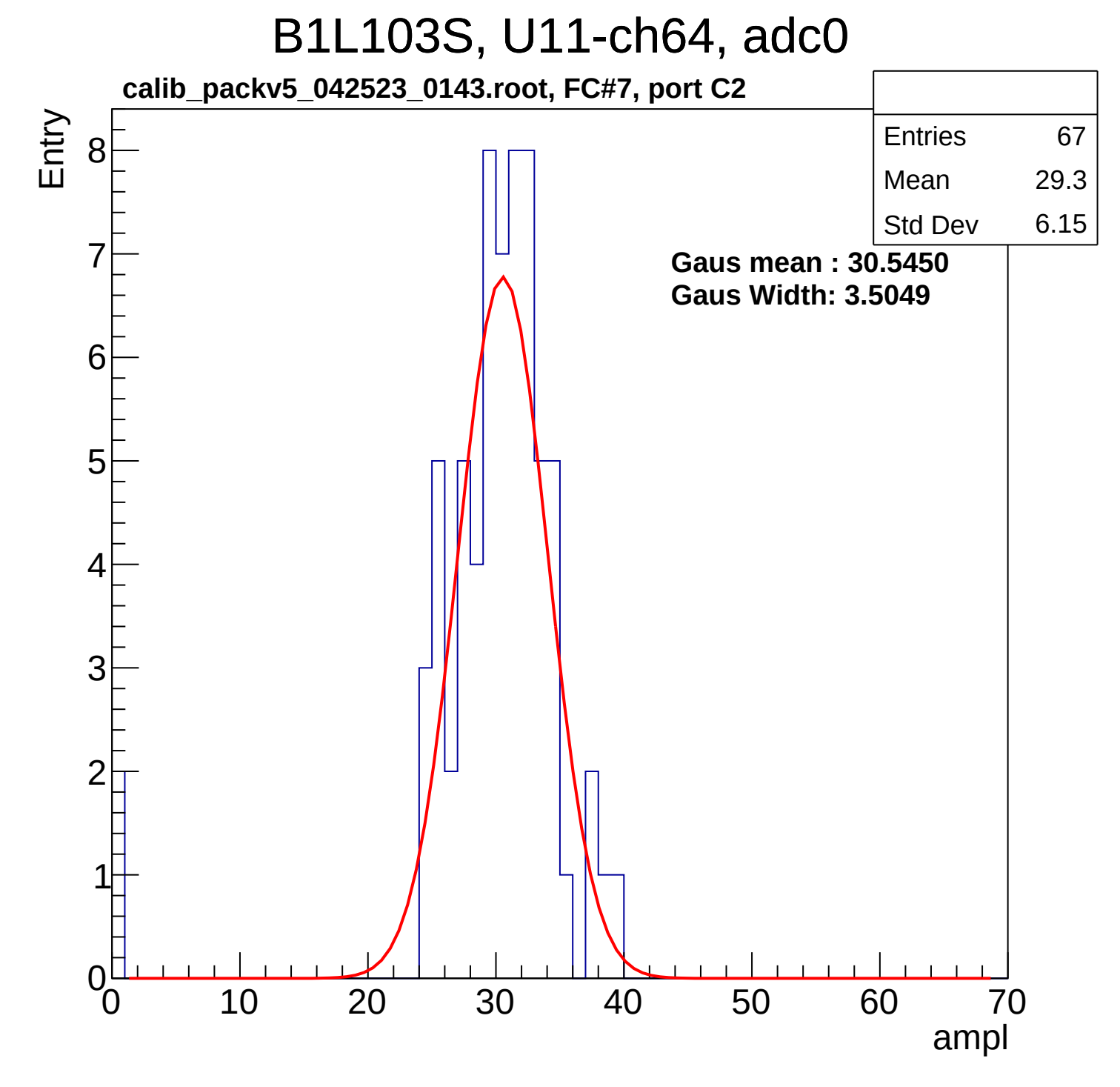
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch63, adc6
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch63, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch64, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 29.3
Std Dev 6.15
Gaus mean : 30.5450
Gaus Width: 3.5049
Entry
ampl
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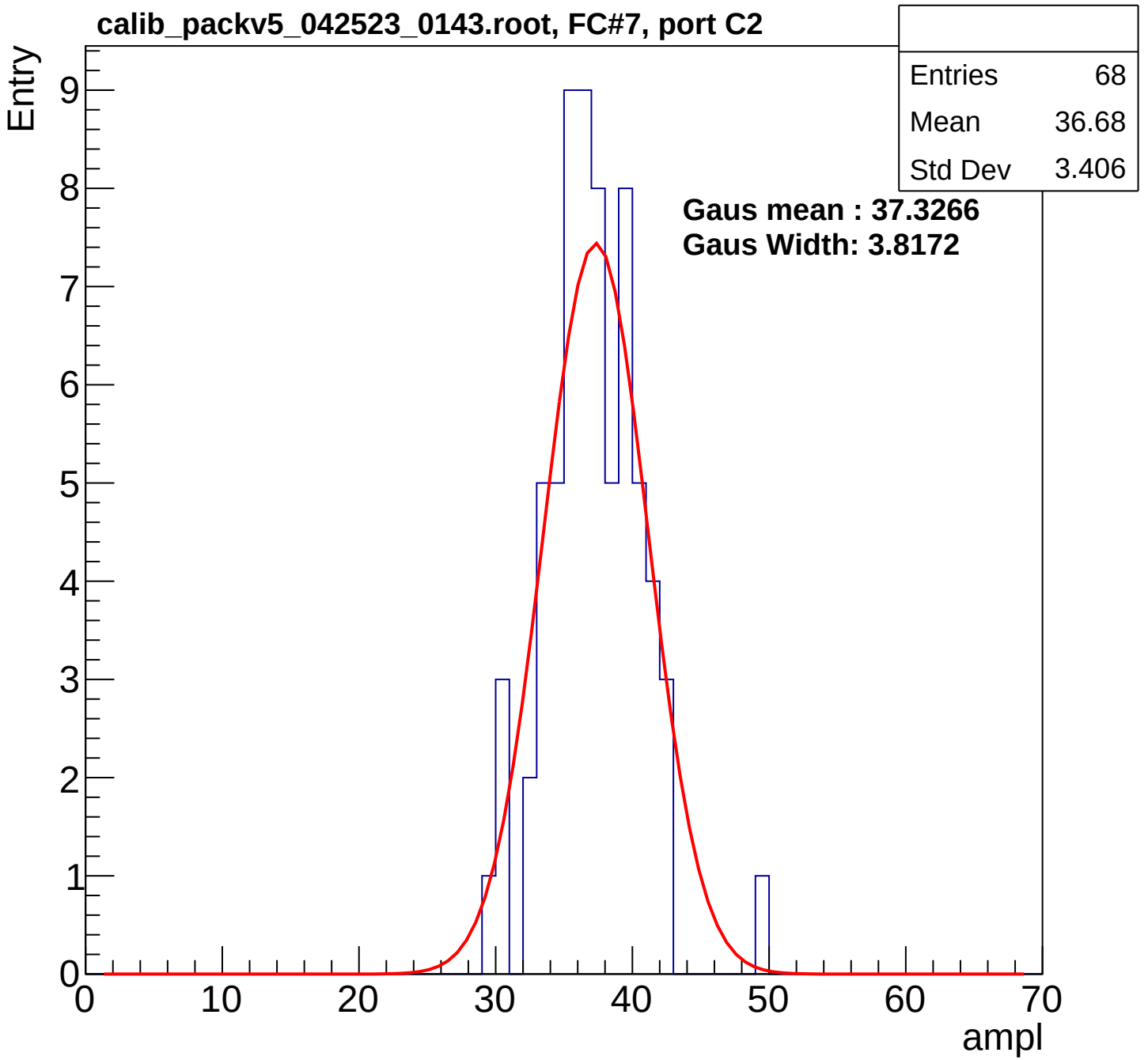
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch64, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 36.68
Std Dev 3.406
Gaus mean : 37.3266
Gaus Width: 3.8172
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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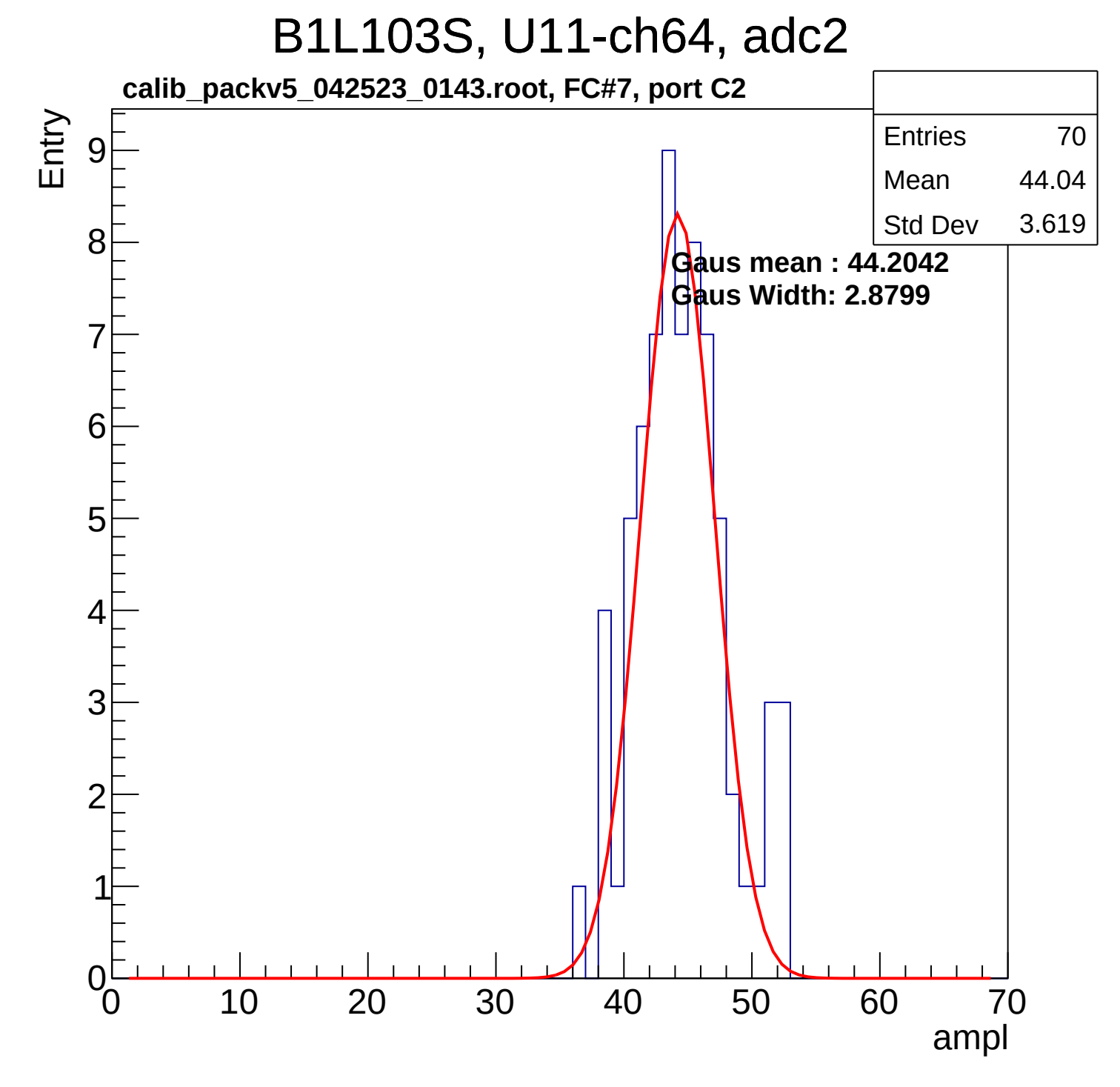
60
70


B1L103S, U11-ch64, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 44.04
Std Dev 3.619
Gaus mean : 44.2042
Gaus Width: 2.8799
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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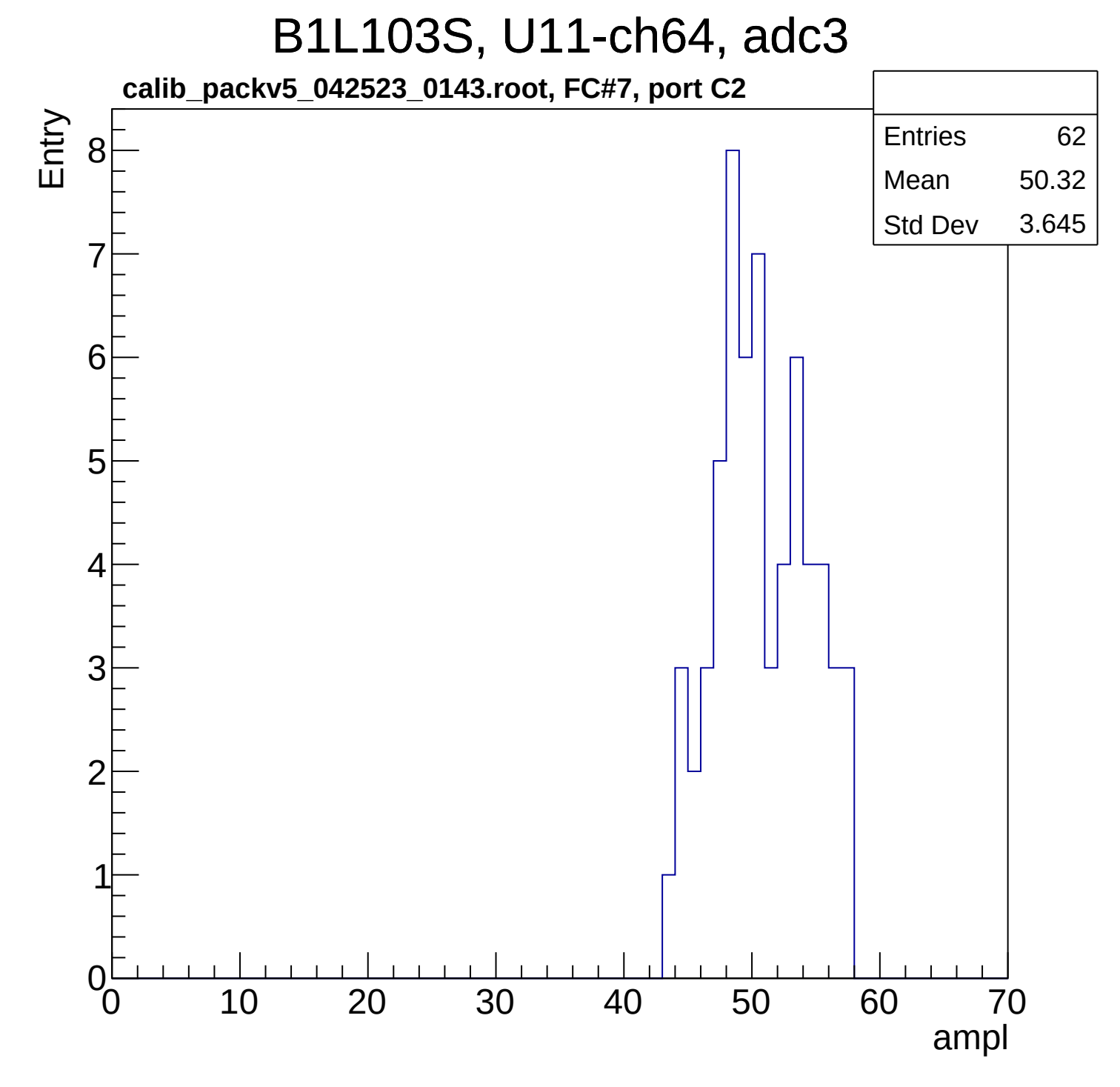
B1L103S, U11-ch64, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 50.32
Std Dev 3.645
Entry
ampl
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5
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0
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20
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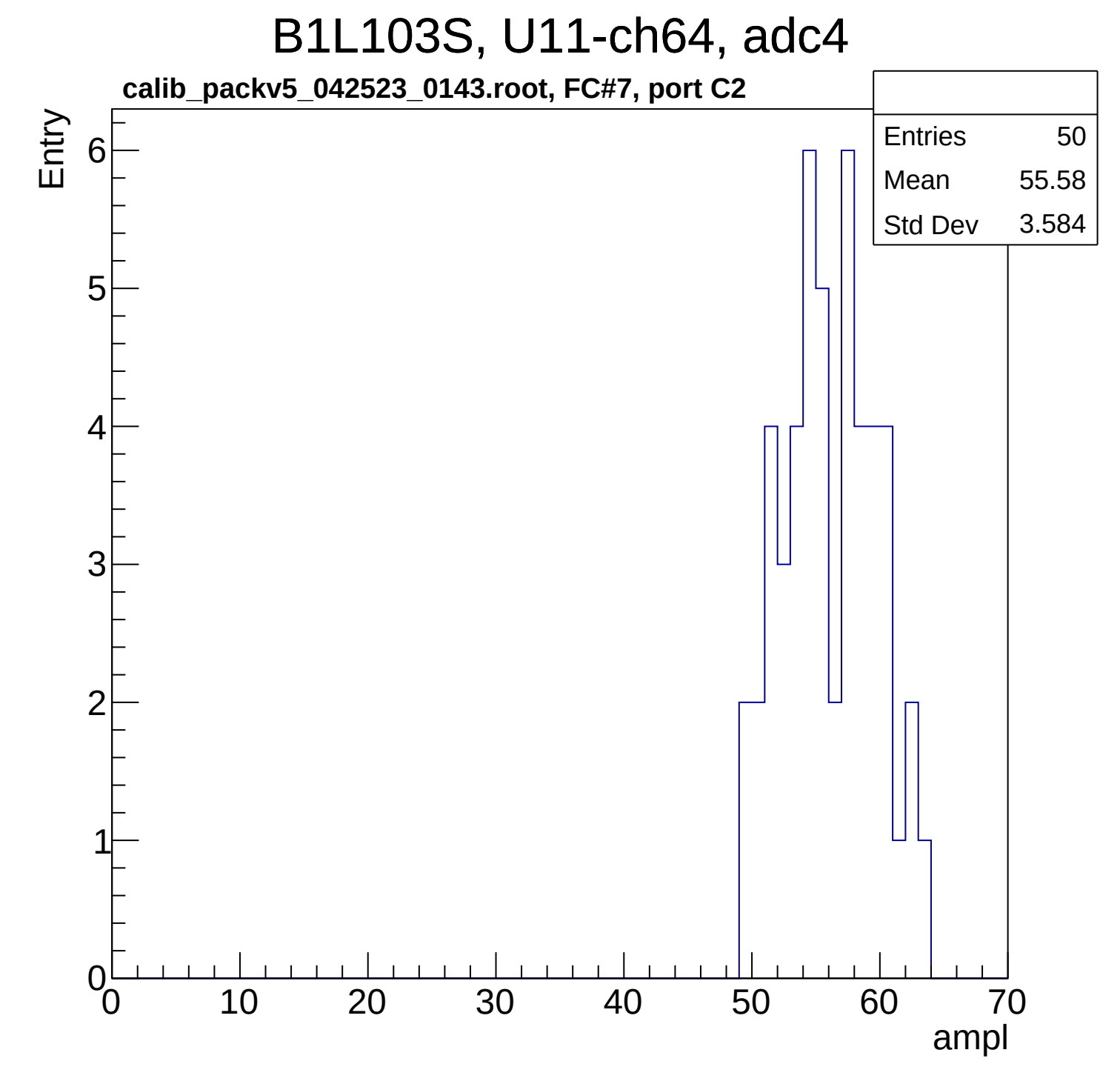
40
50
60
70


B1L103S, U11-ch64, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 50
Mean 55.58
Std Dev 3.584
Entry
0
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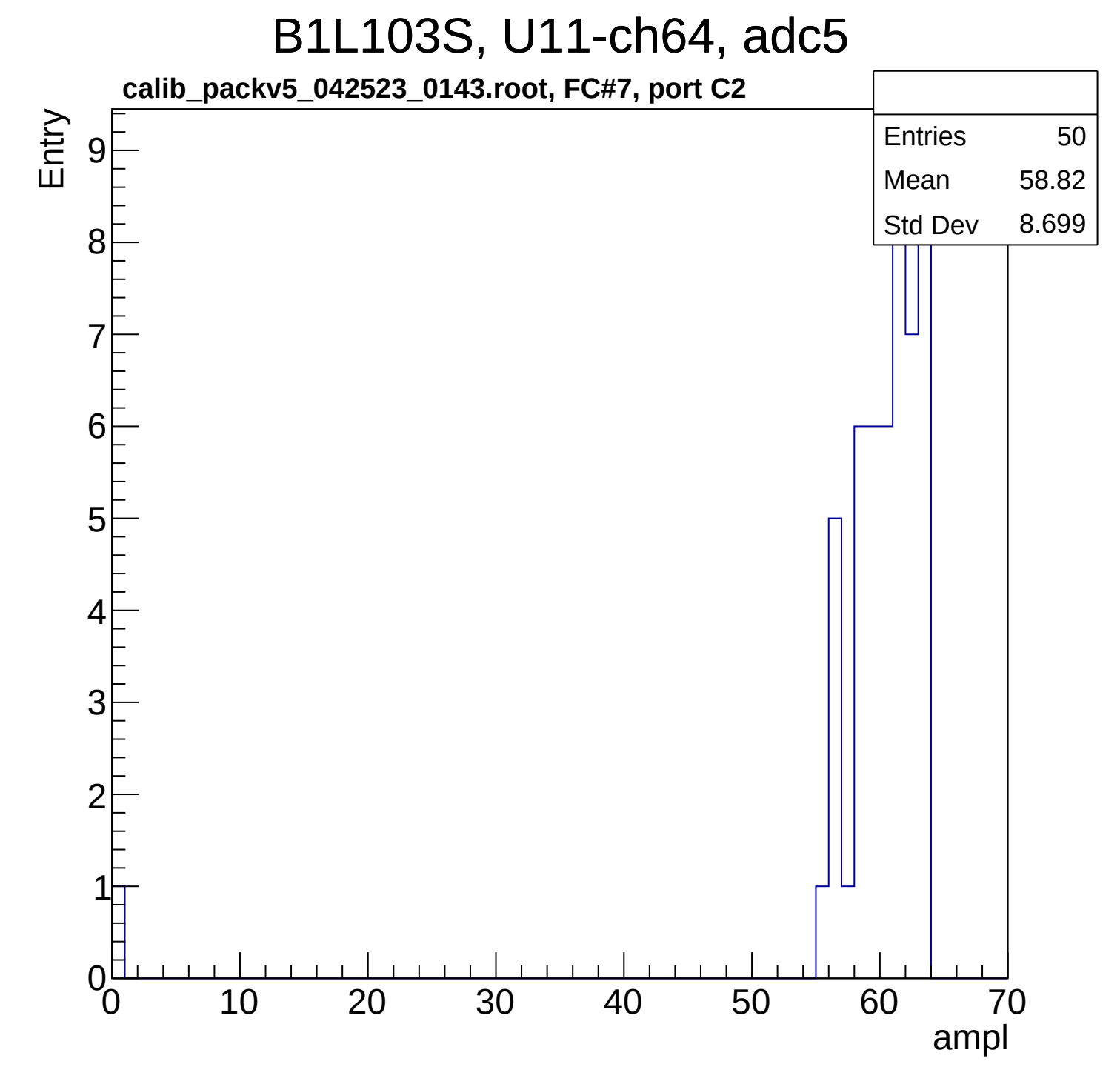
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch64, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 50
Mean 58.82
Std Dev 8.699
Entry
ampl
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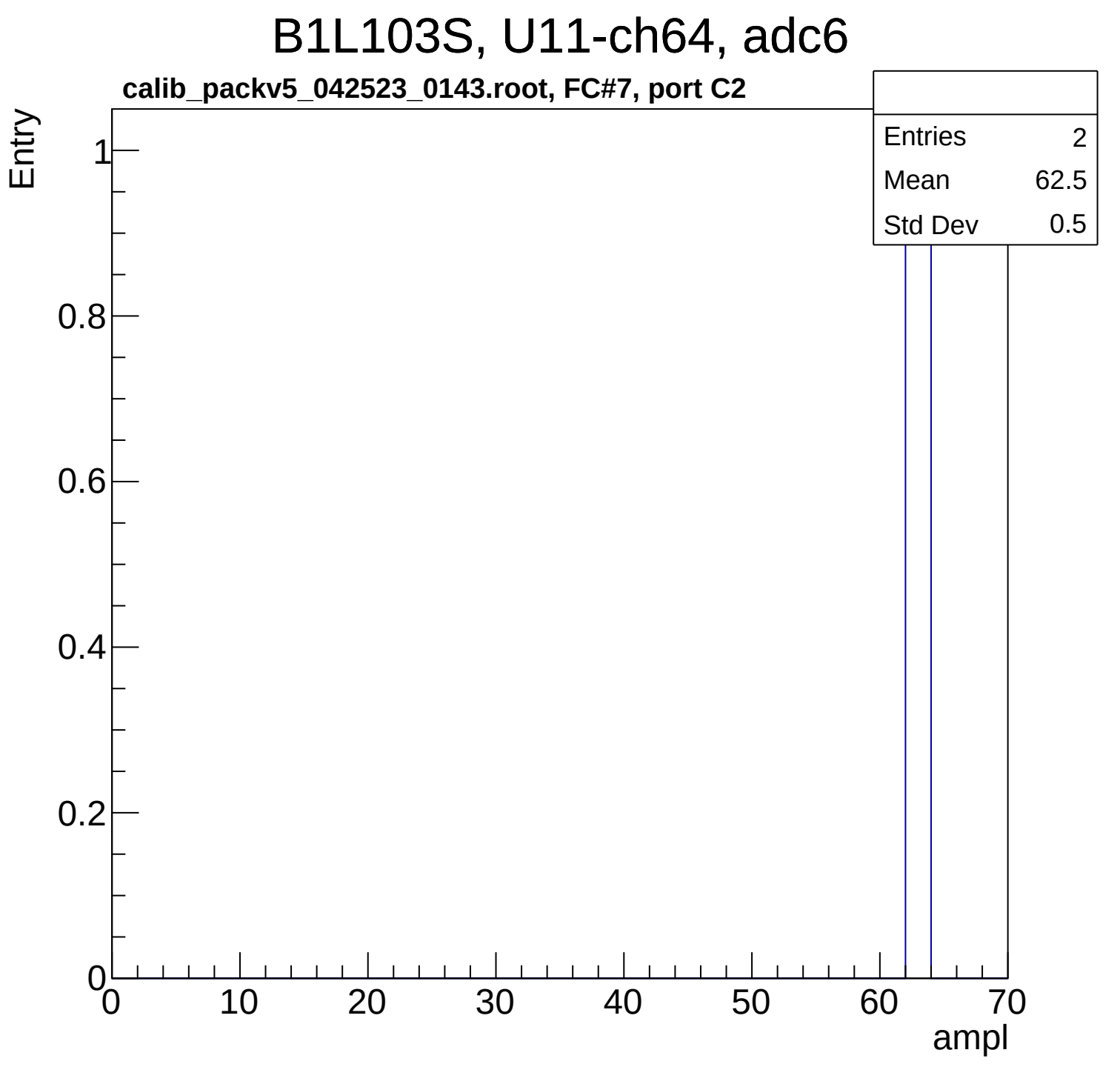
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch64, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
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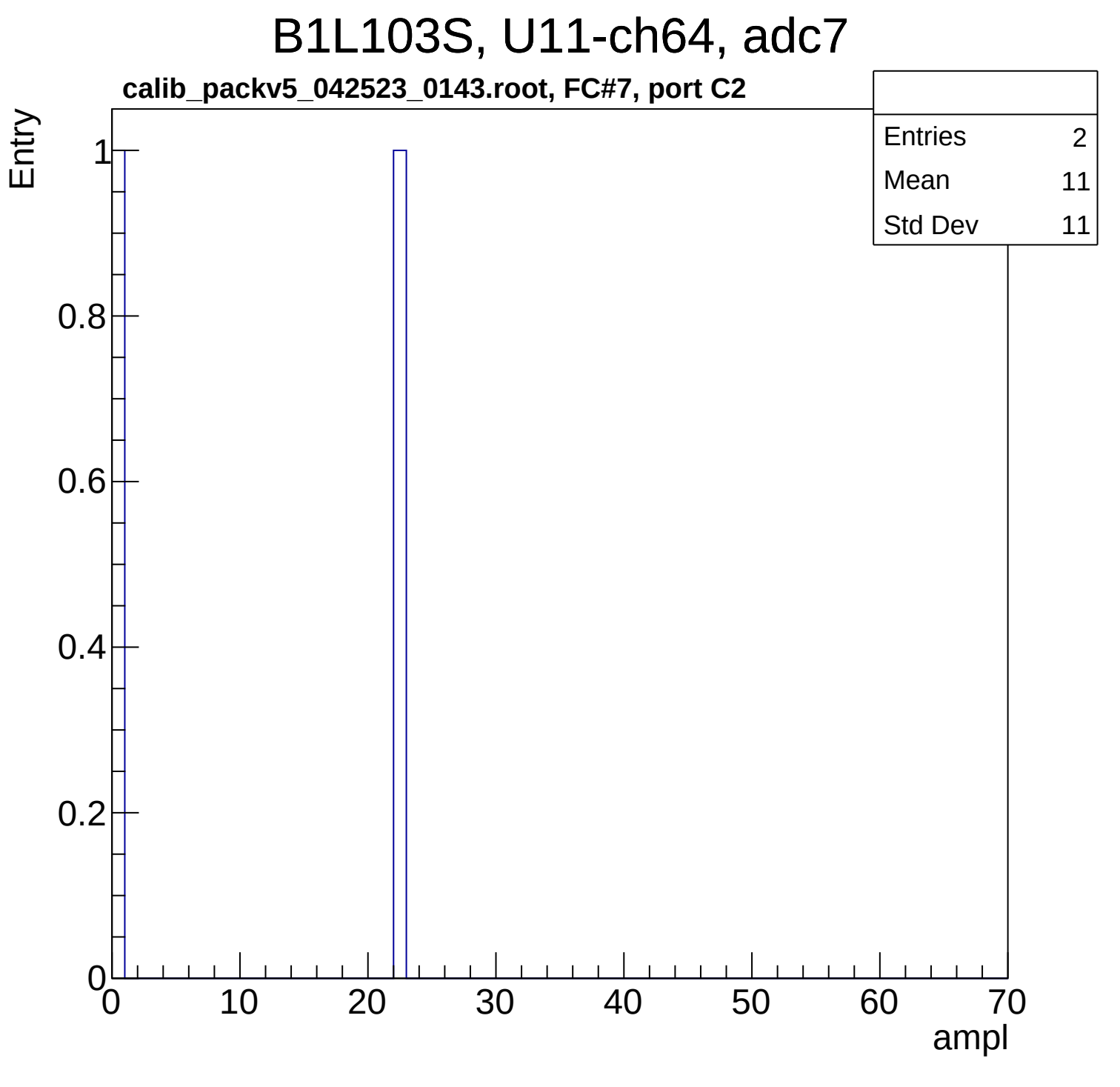
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch64, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 11
Std Dev 11
Entry
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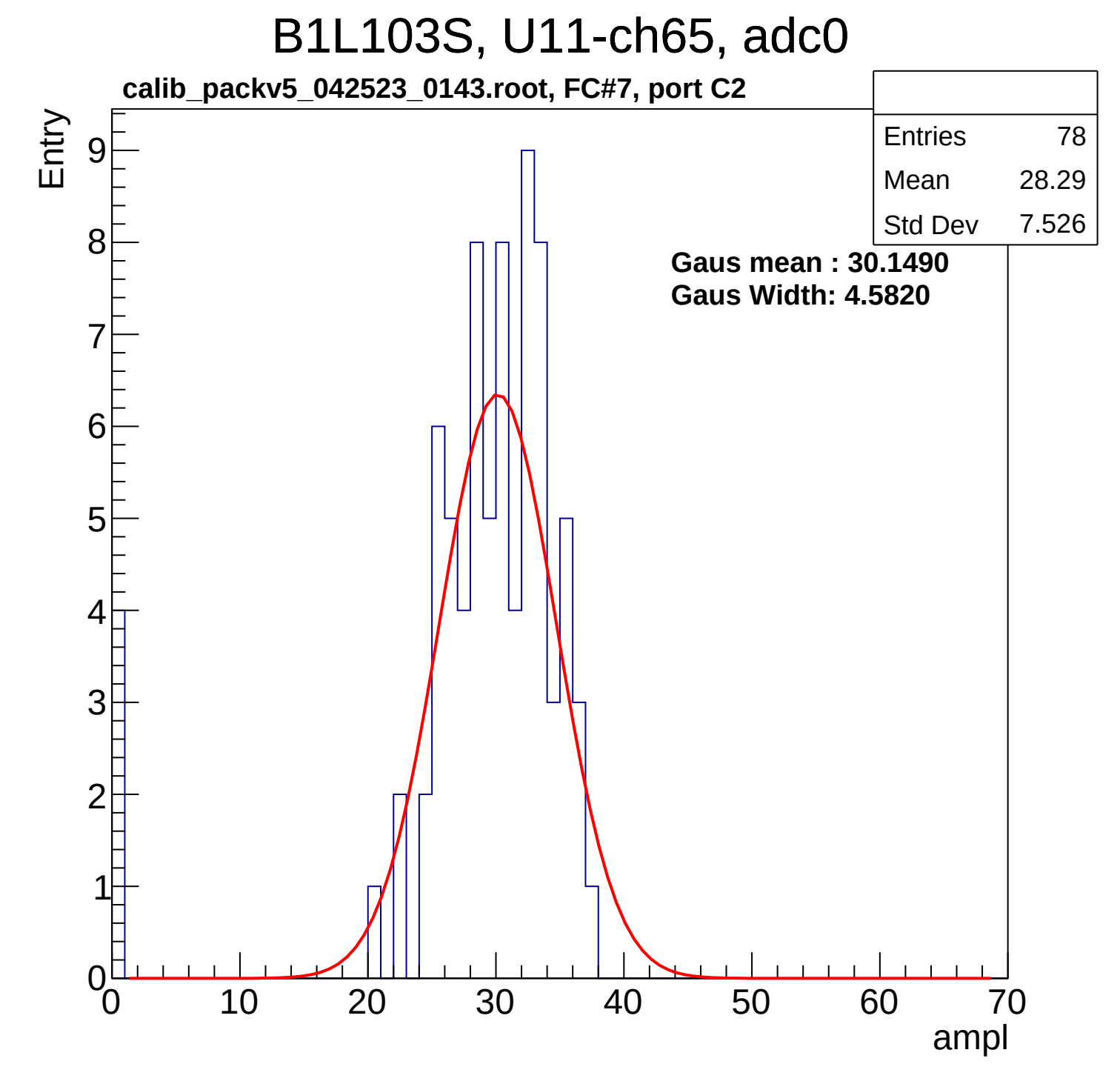
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch65, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 78
Mean 28.29
Std Dev 7.526
Gaus mean : 30.1490
Gaus Width: 4.5820
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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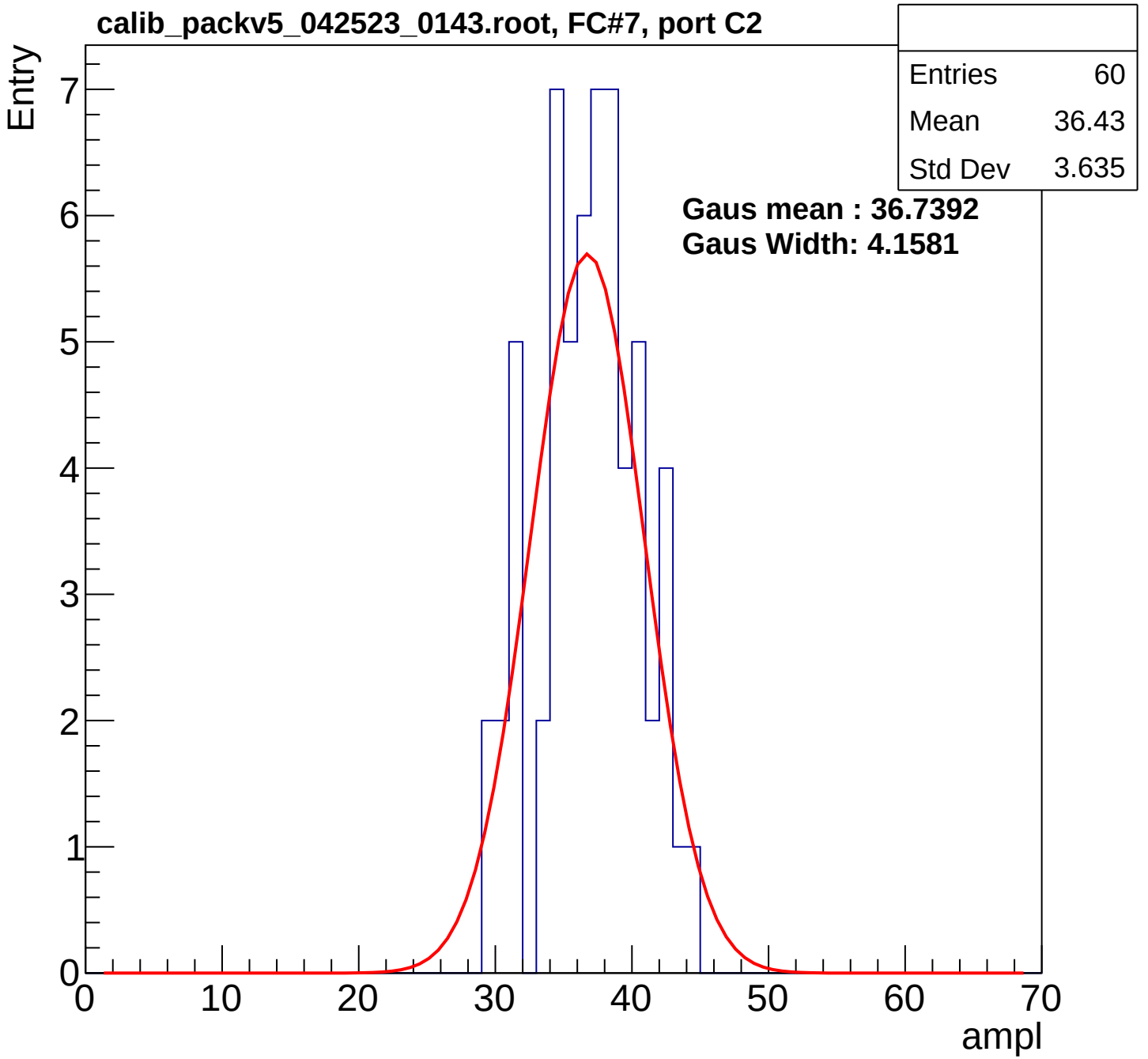
20
30
40
50
60
70


B1L103S, U11-ch65, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 36.43
Std Dev 3.635
Gaus mean : 36.7392
Gaus Width: 4.1581
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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40
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60
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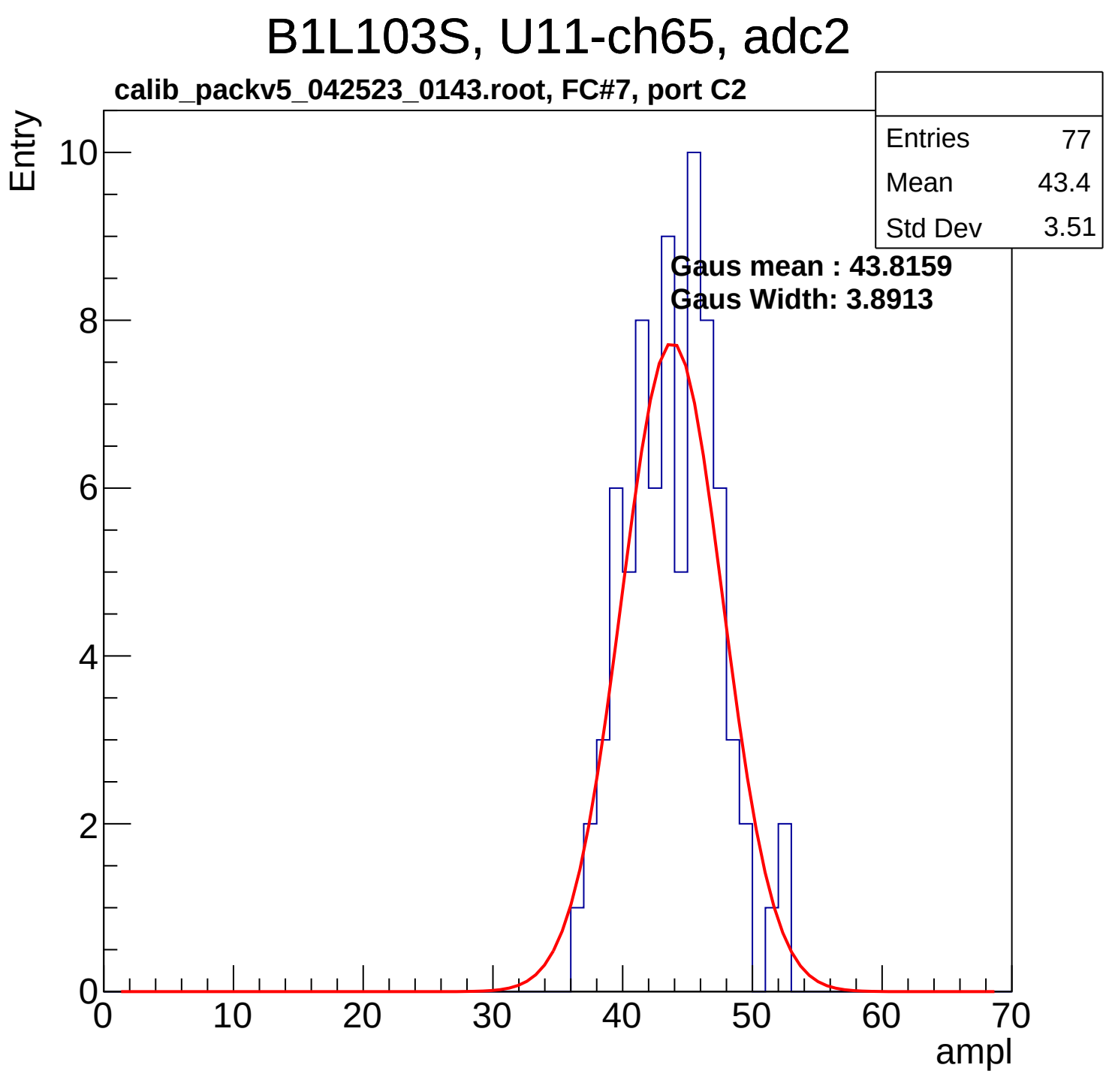
B1L103S, U11-ch65, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 77
Mean 43.4
Std Dev 3.51
Gaus mean : 43.8159
Gaus Width: 3.8913
Entry
ampl
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2
4
6
8
10
0
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40
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60
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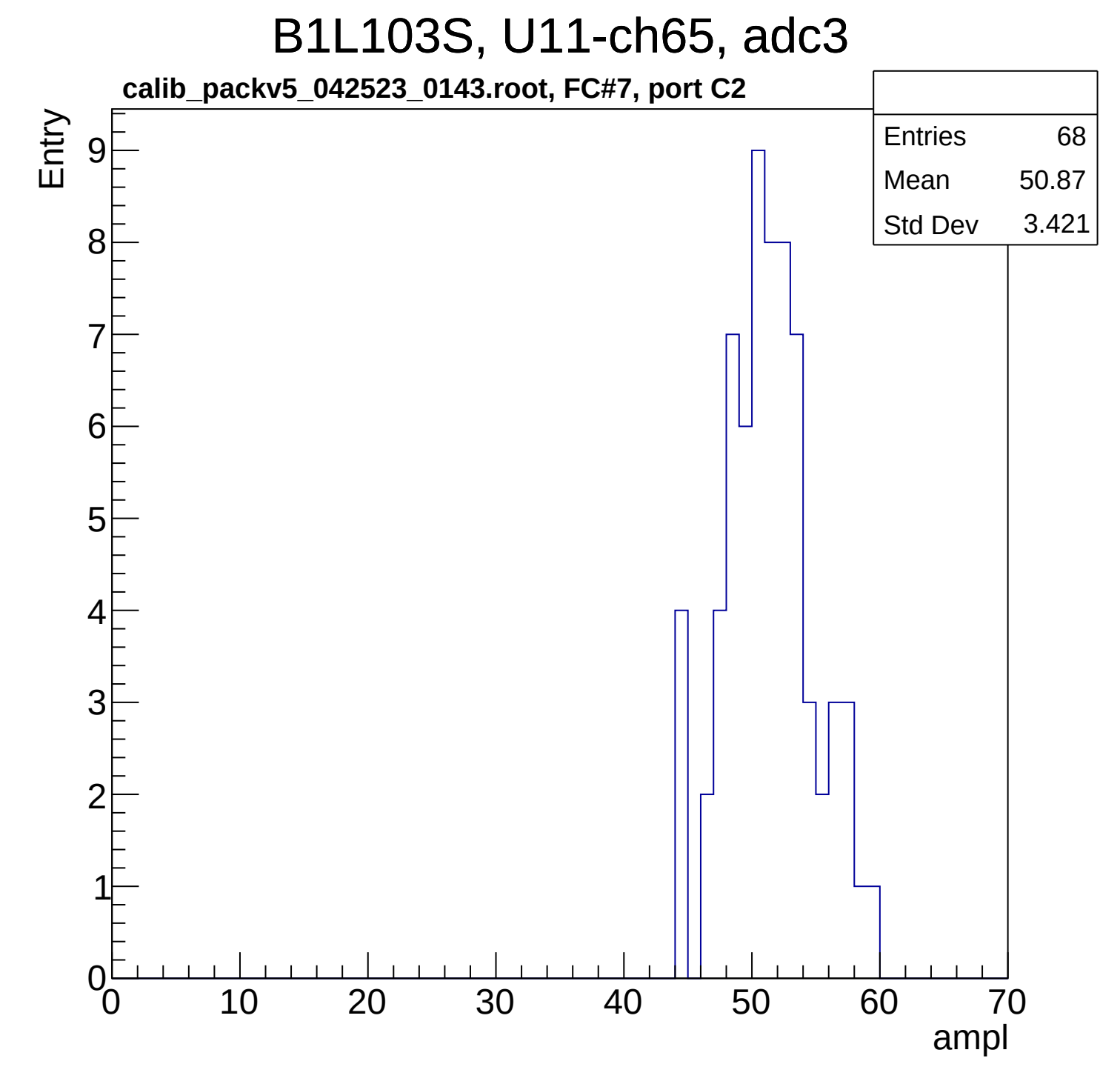
B1L103S, U11-ch65, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 50.87
Std Dev 3.421
Entry
ampl
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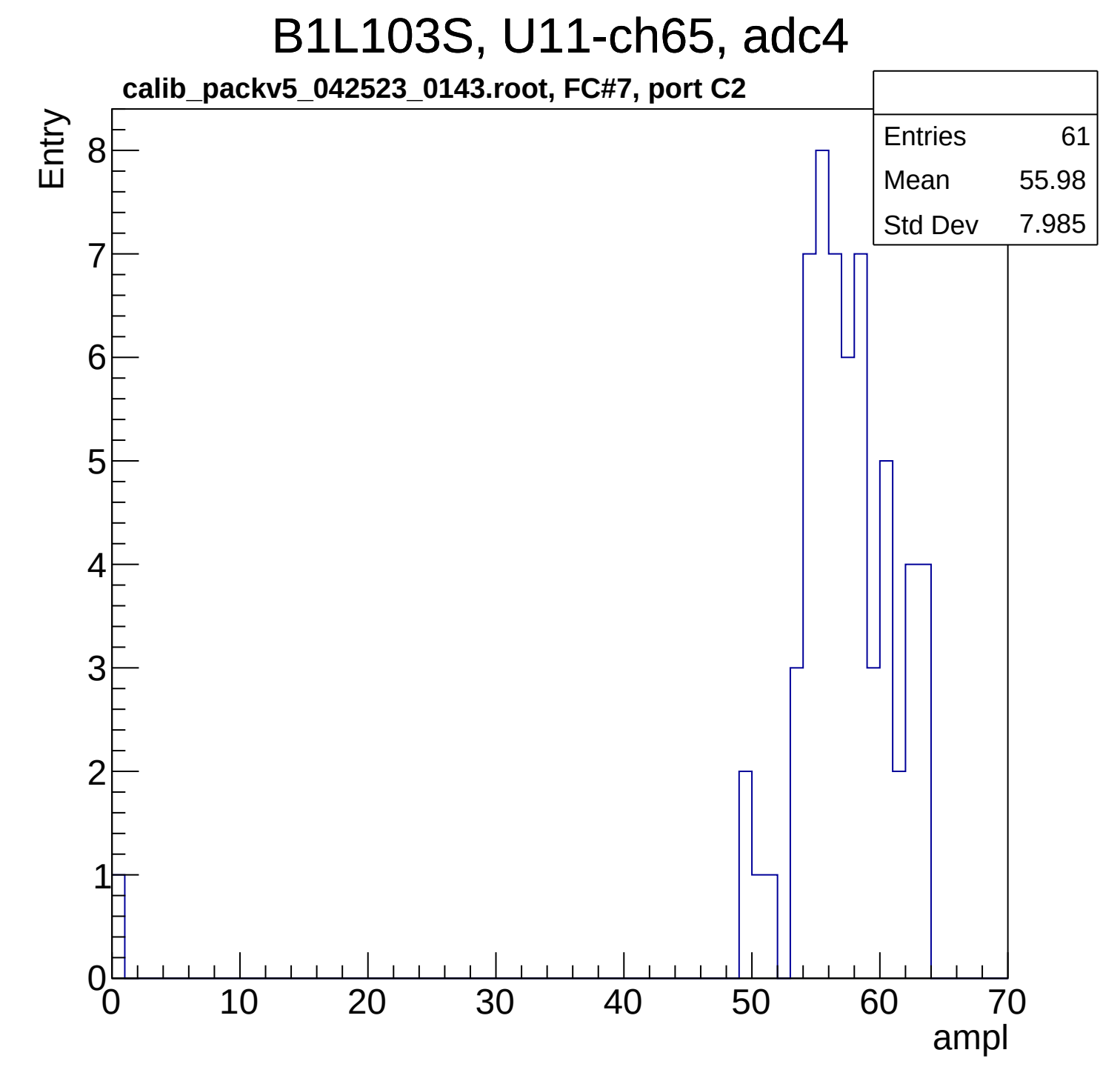
B1L103S, U11-ch65, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 55.98
Std Dev 7.985
Entry
ampl
0
1
2
3
4
5
6
7
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0
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20
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40
50
60
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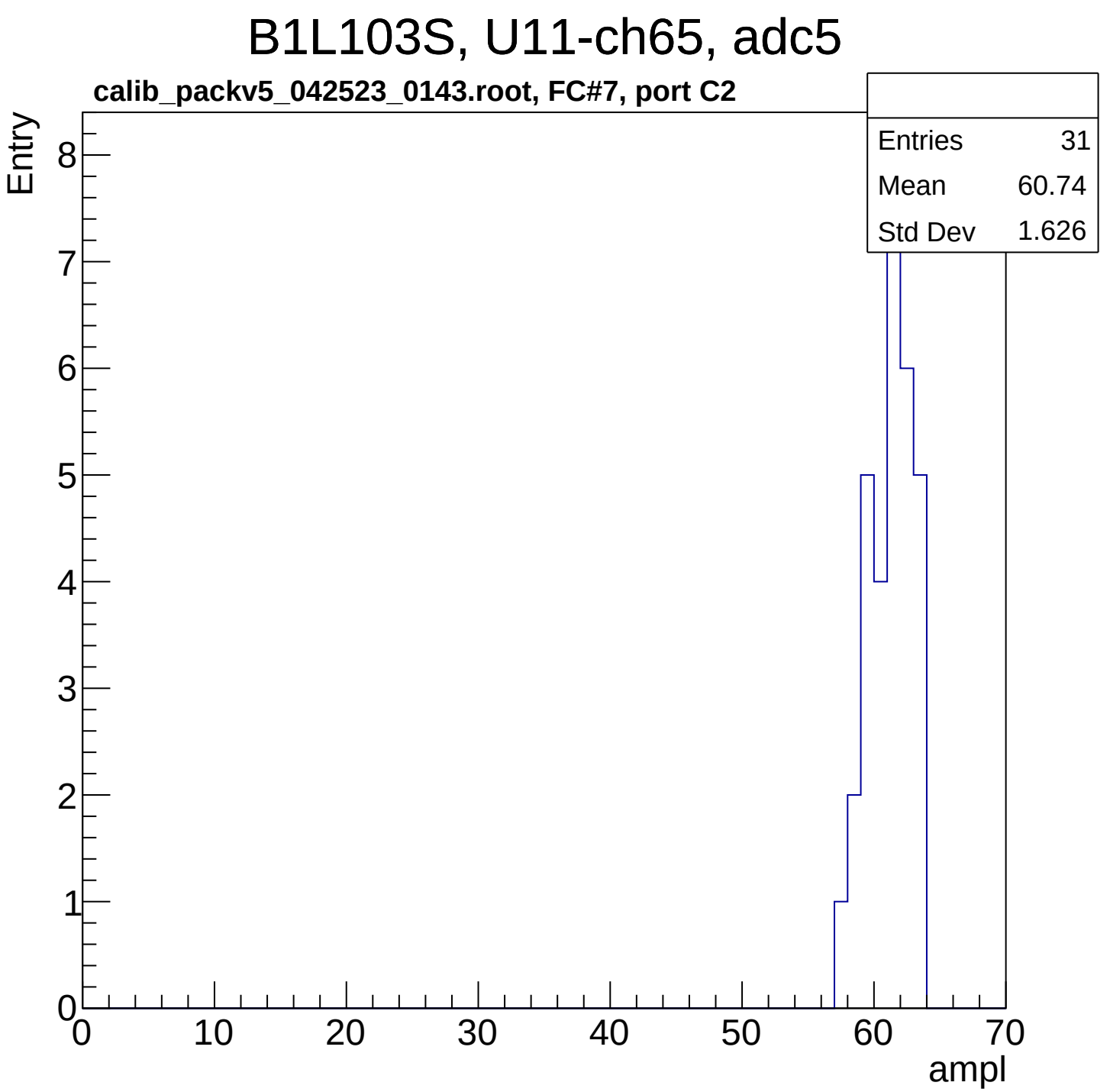
B1L103S, U11-ch65, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 31
Mean 60.74
Std Dev 1.626
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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20
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40
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60
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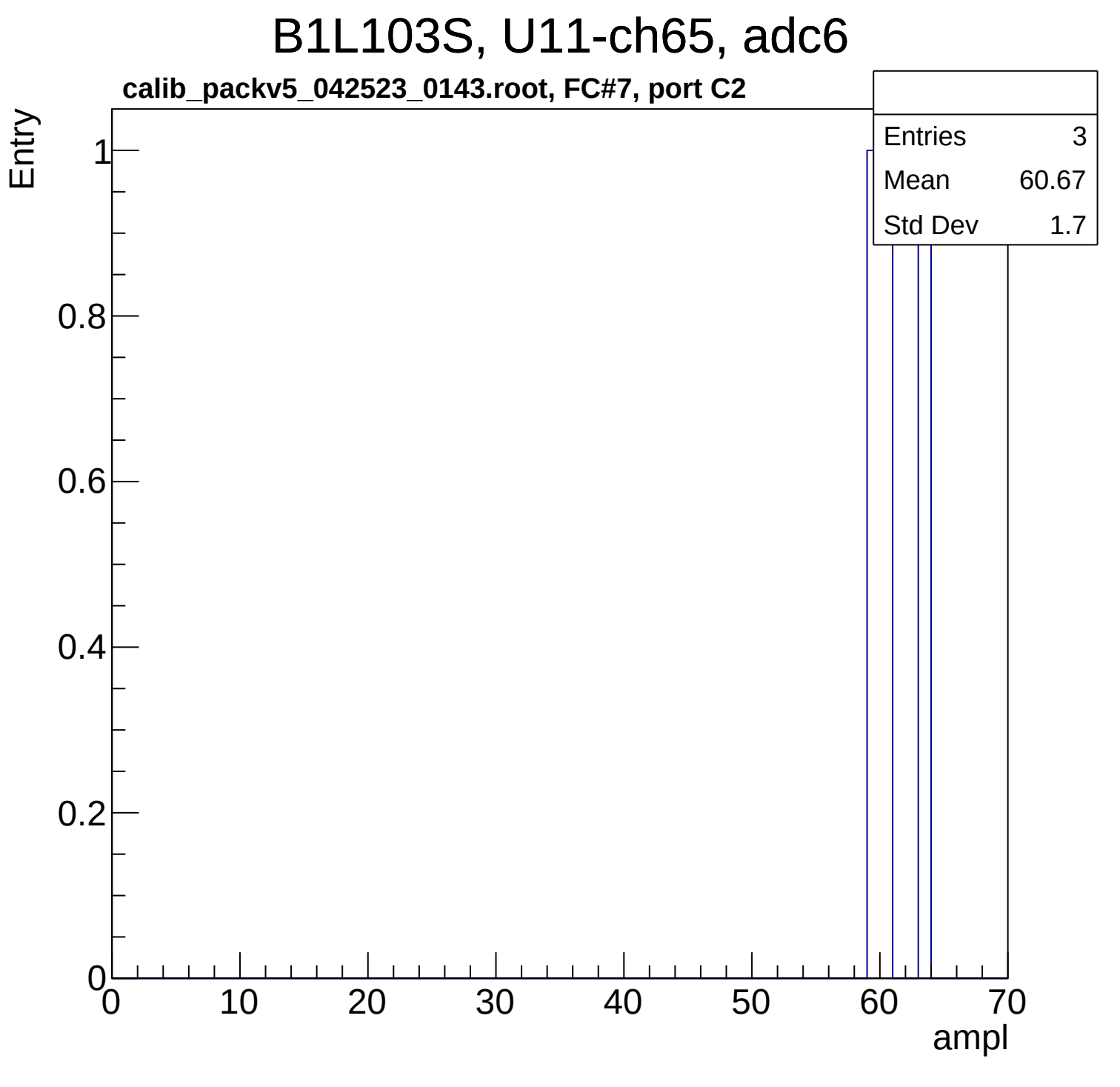
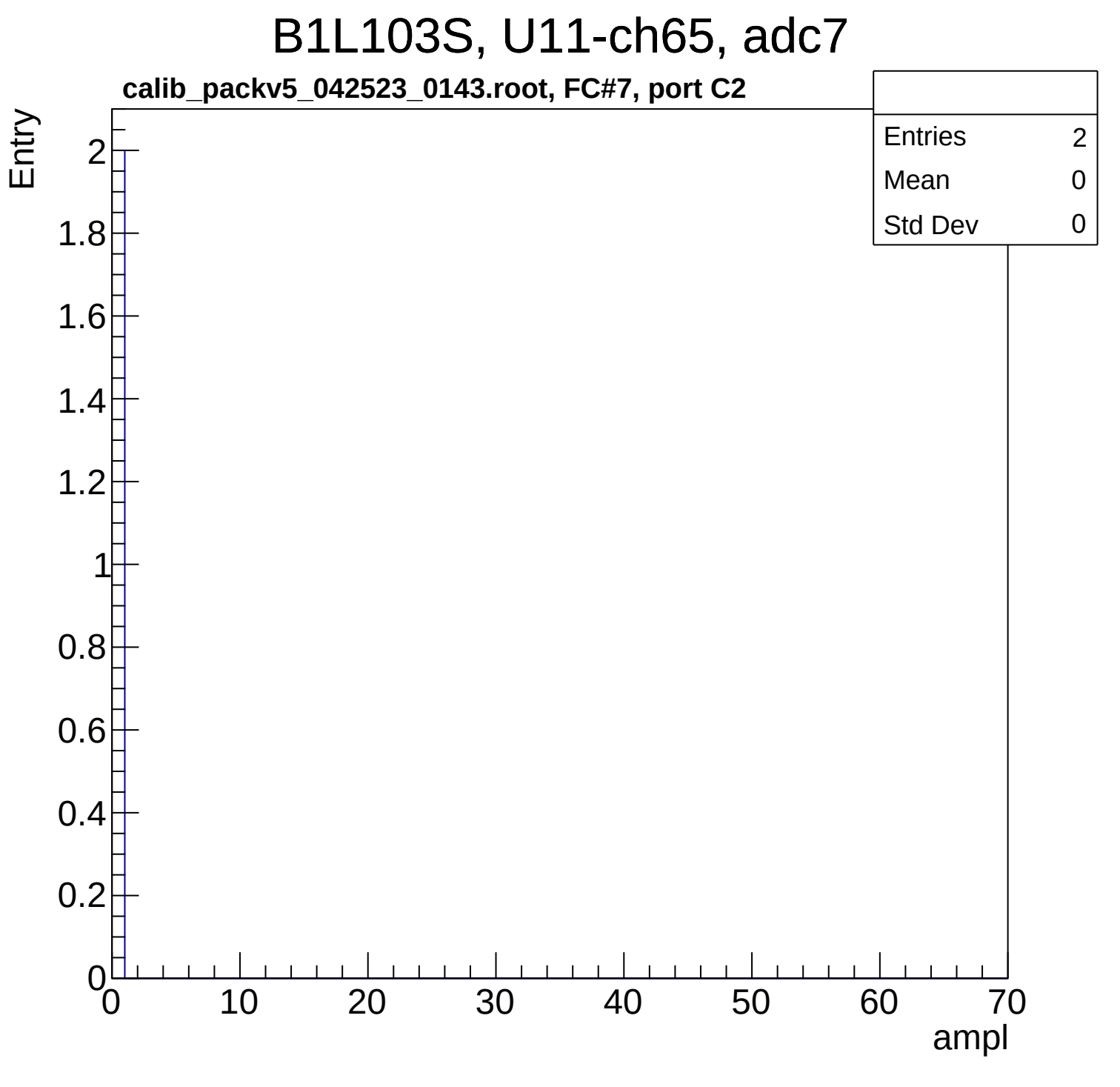
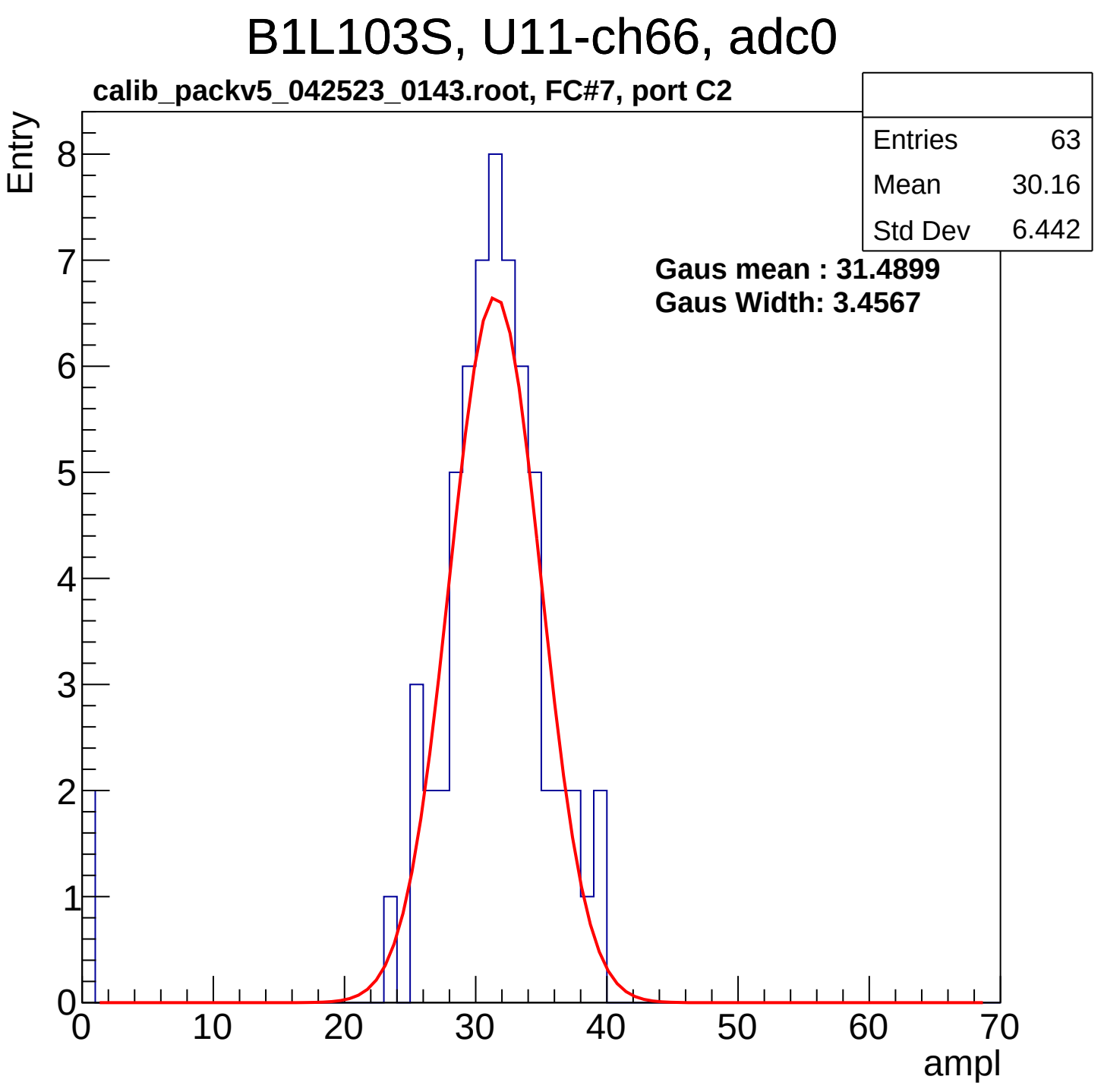
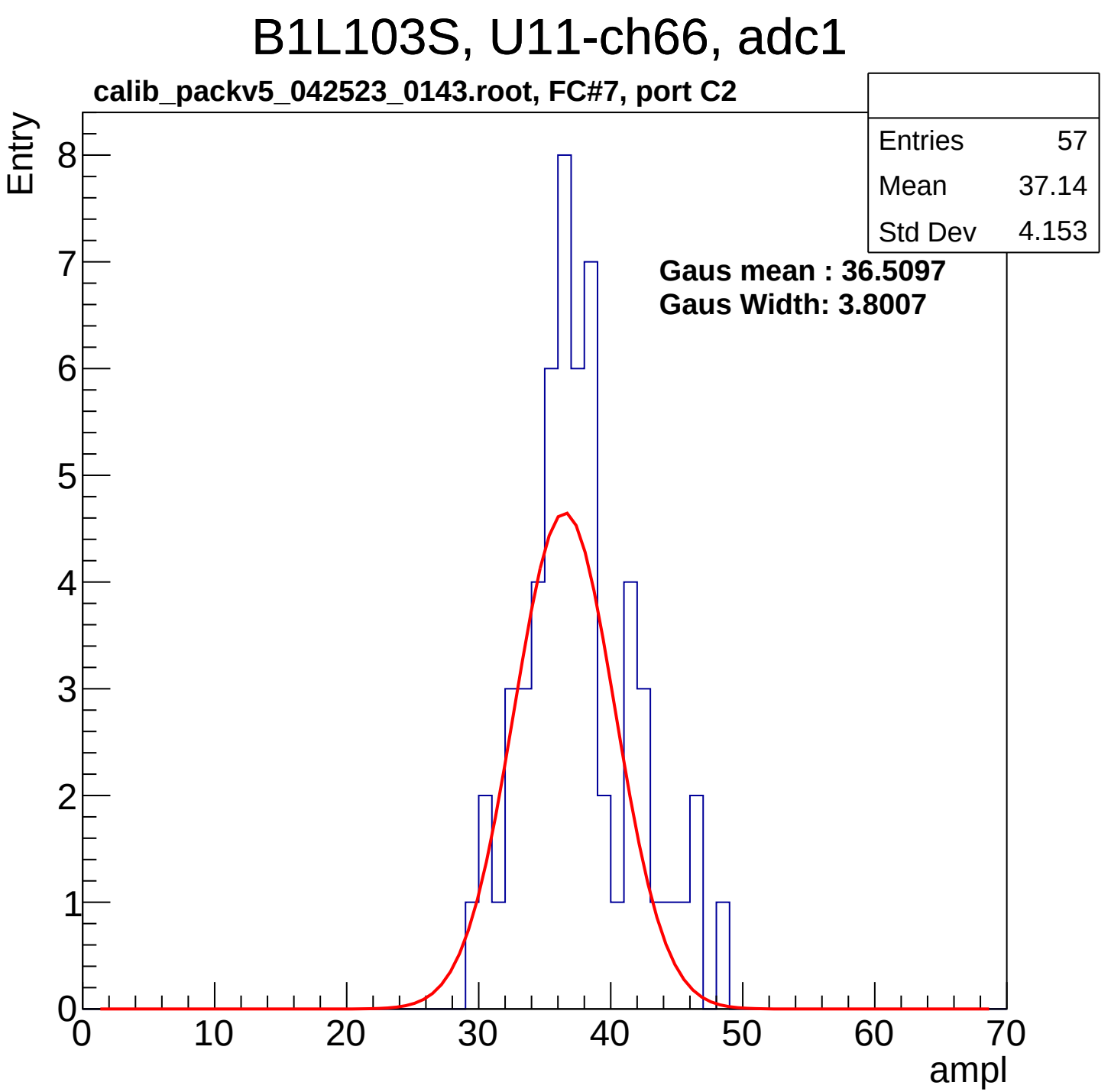

B1L103S, U11-ch65, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 60.67
Std Dev 1.7
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L103S, U11-ch65, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch66, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 30.16
Std Dev 6.442
Gaus mean : 31.4899
Gaus Width: 3.4567
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch66, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 37.14
Std Dev 4.153
Gaus mean : 36.5097
Gaus Width: 3.8007
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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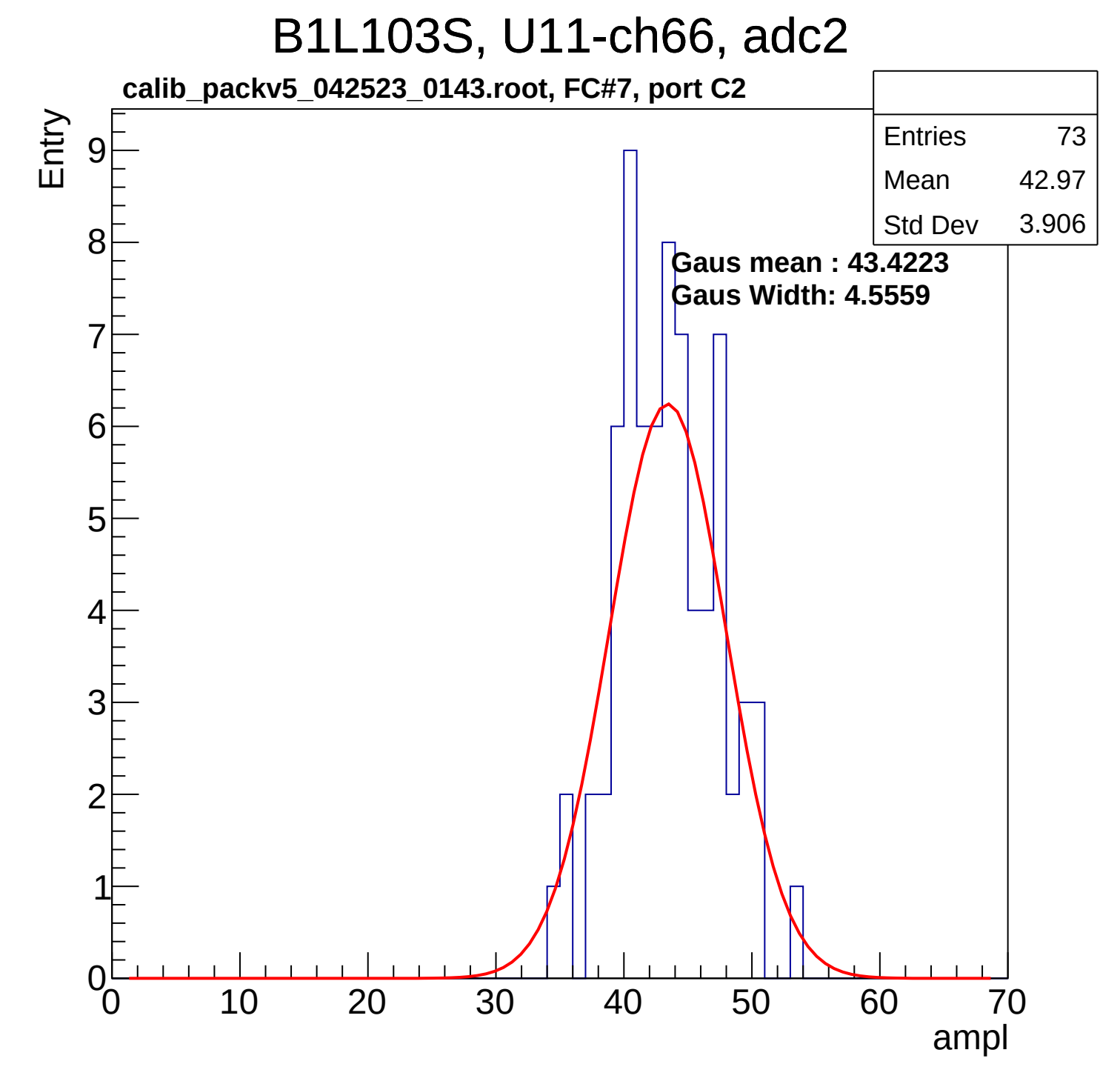
B1L103S, U11-ch66, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 42.97
Std Dev 3.906
Gaus mean : 43.4223
Gaus Width: 4.5559
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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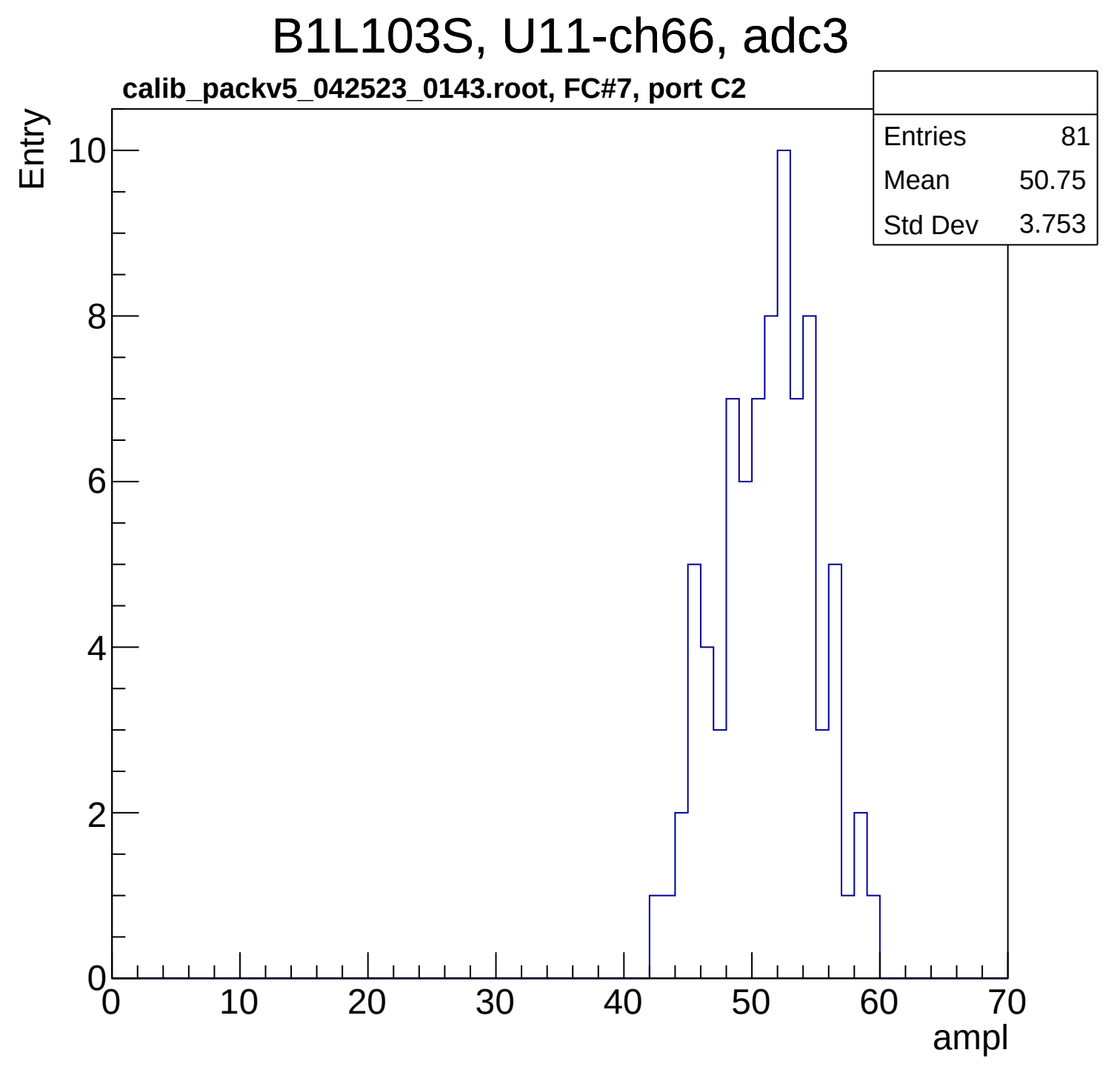
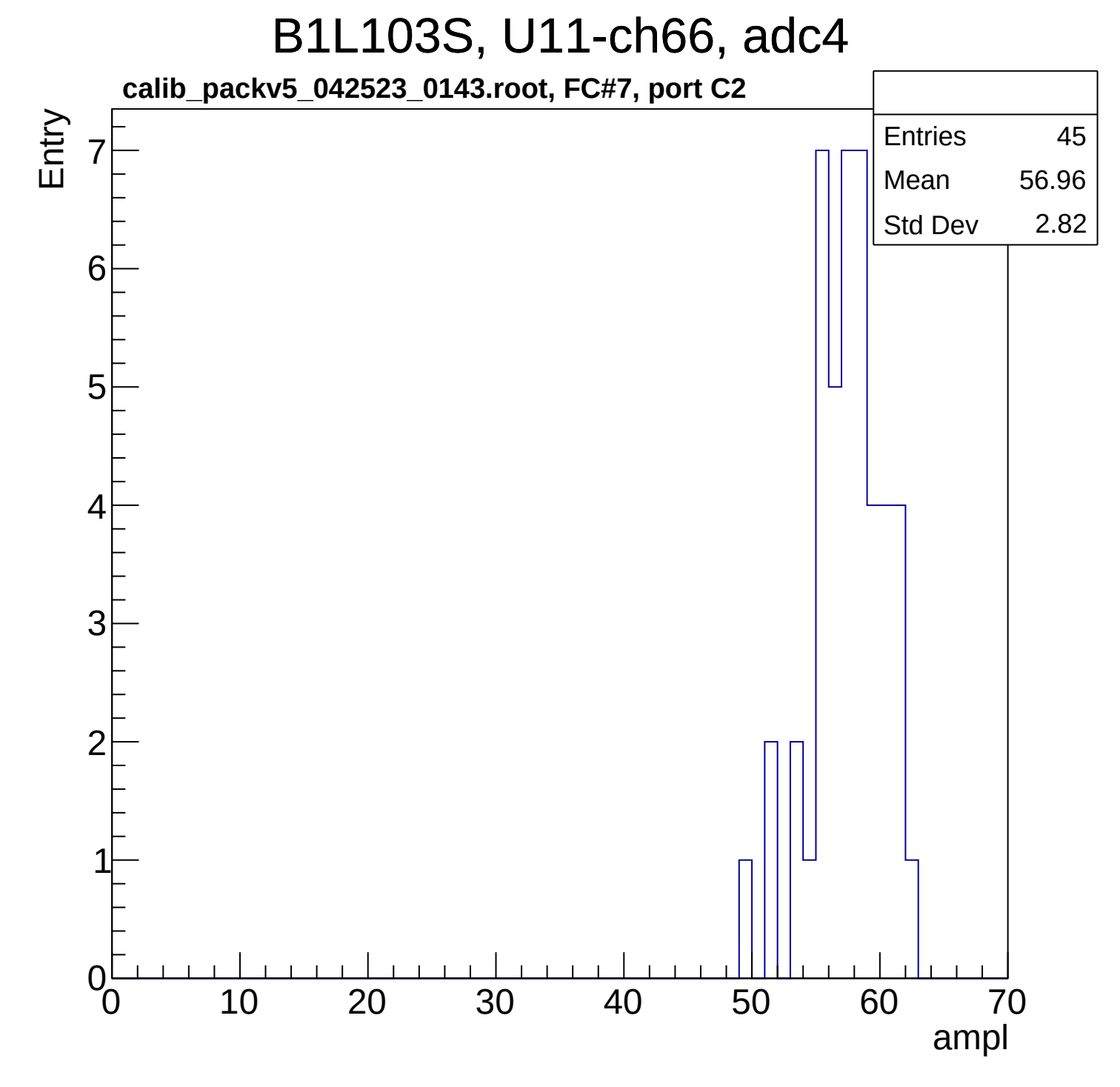
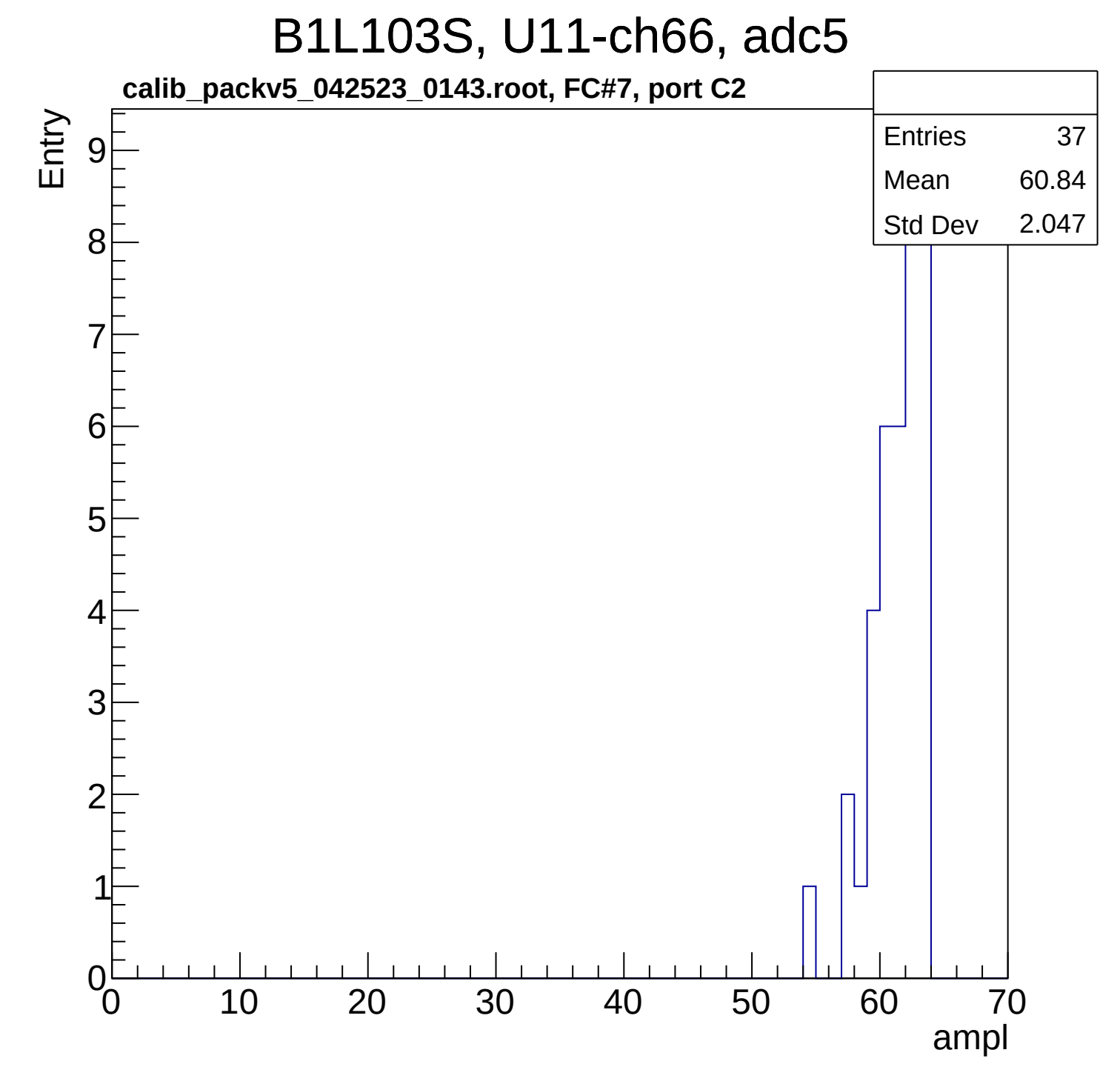
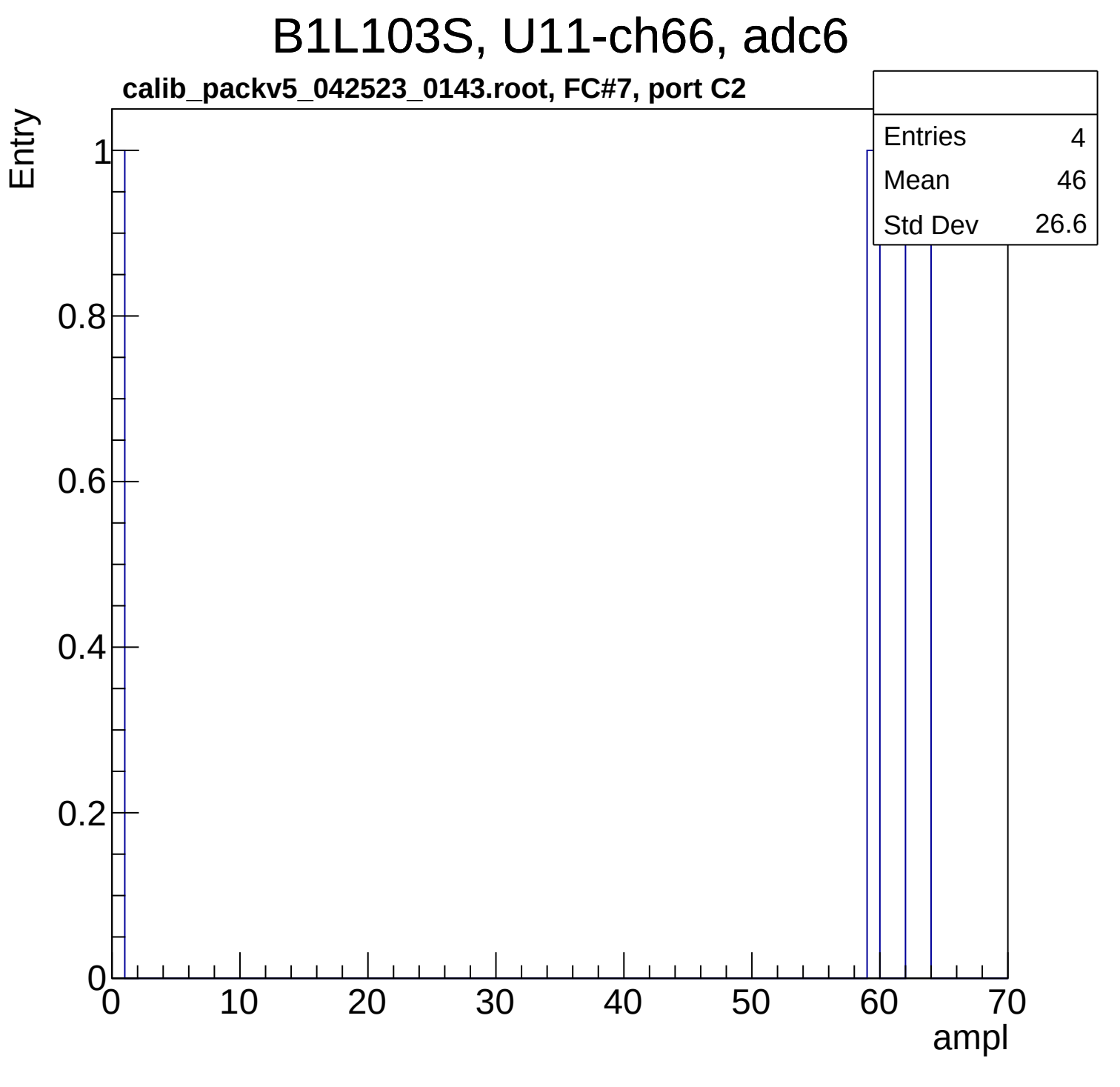
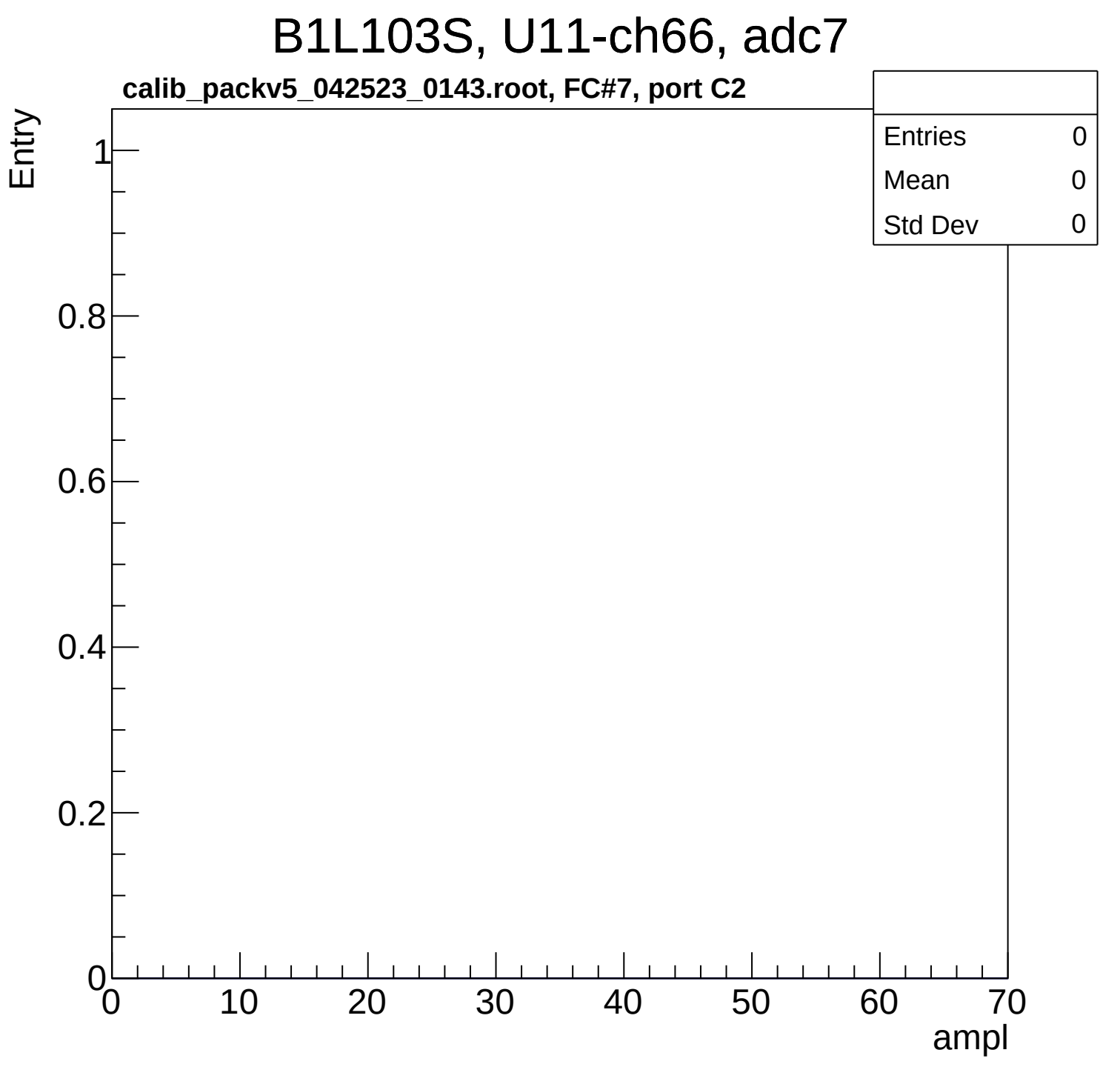
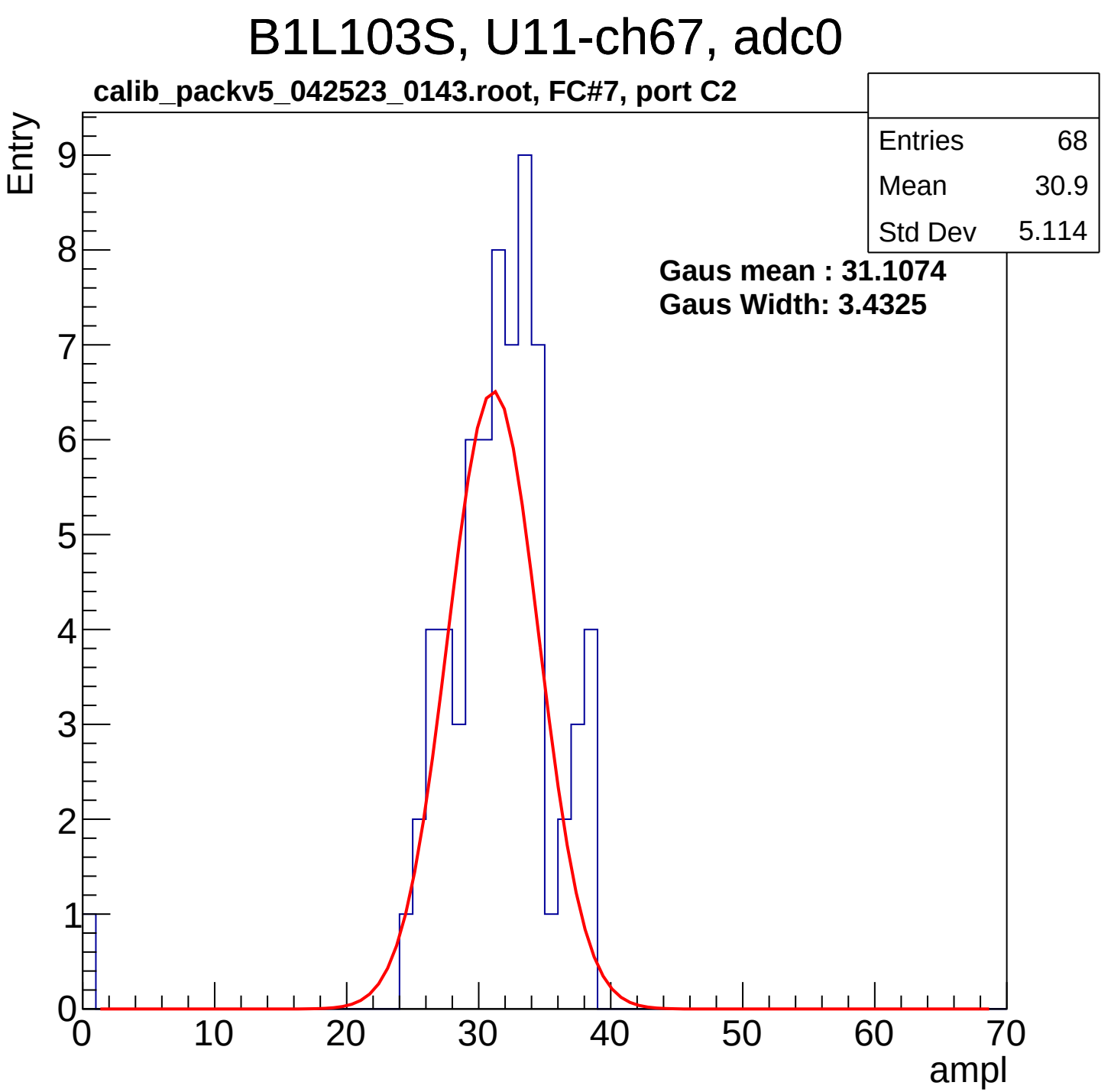

B1L103S, U11-ch66, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 81
Mean 50.75
Std Dev 3.753
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

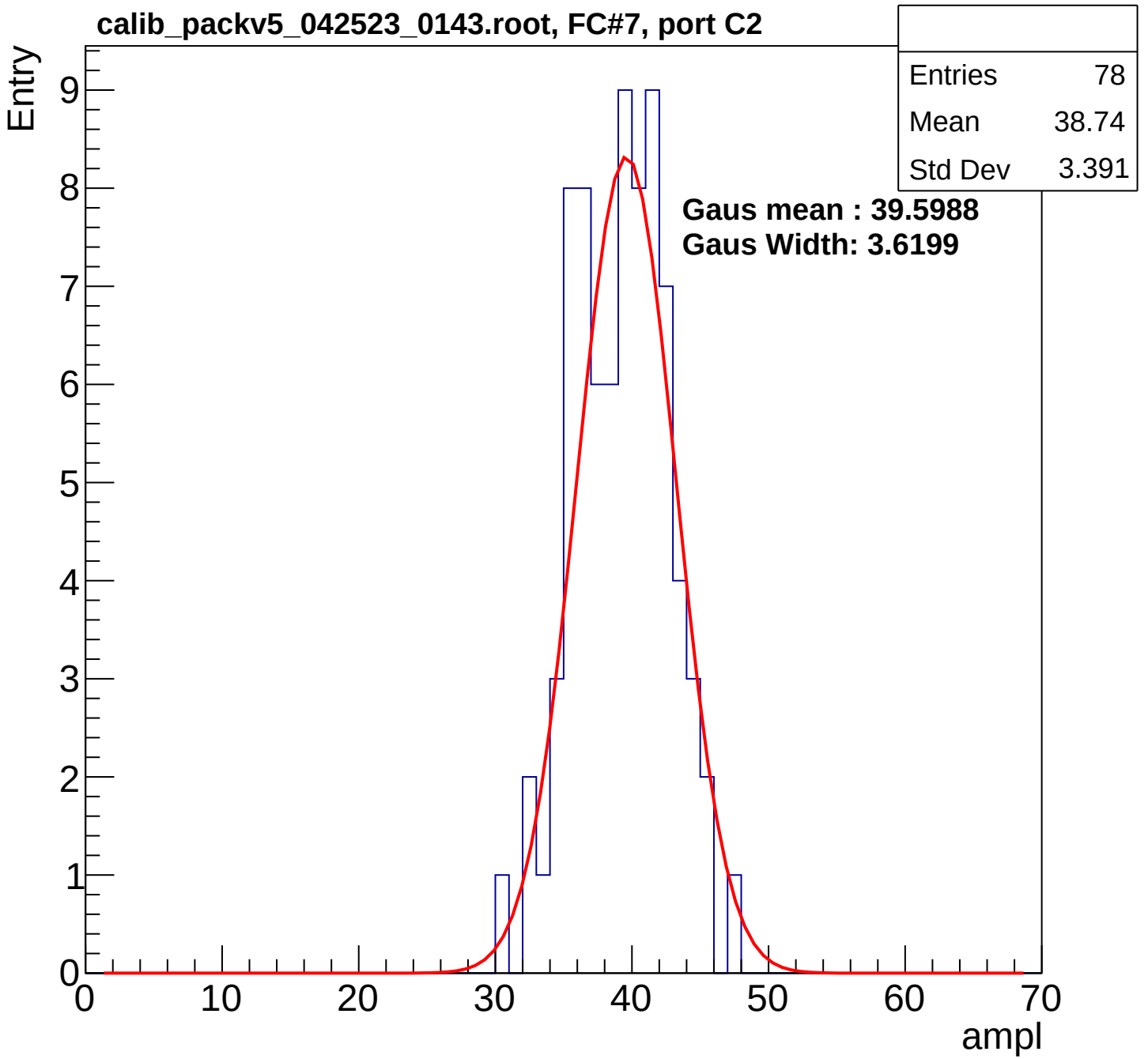

B1L103S, U11-ch66, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 45
Mean 56.96
Std Dev 2.82
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

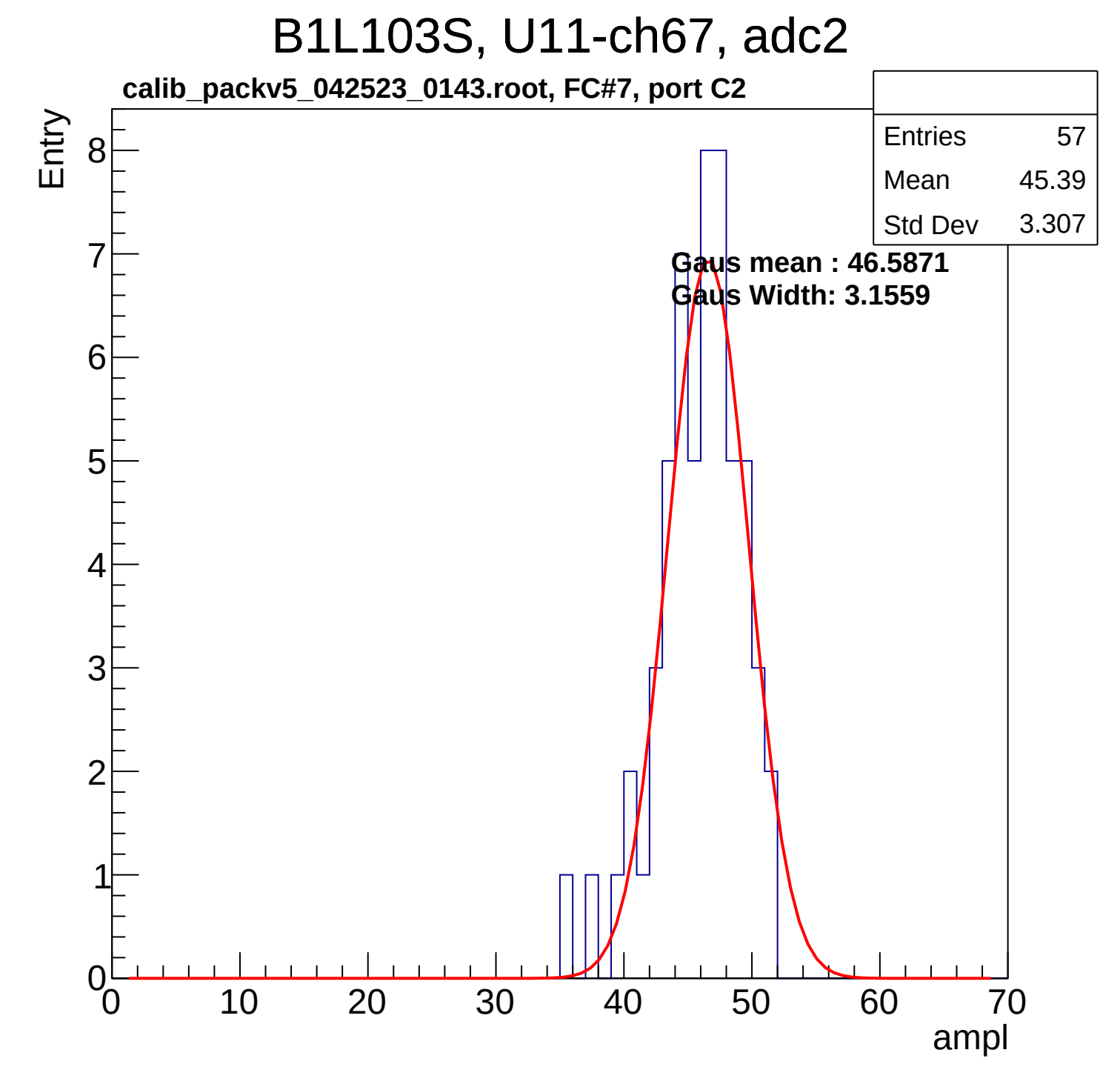

B1L103S, U11-ch66, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 37
Mean 60.84
Std Dev 2.047
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

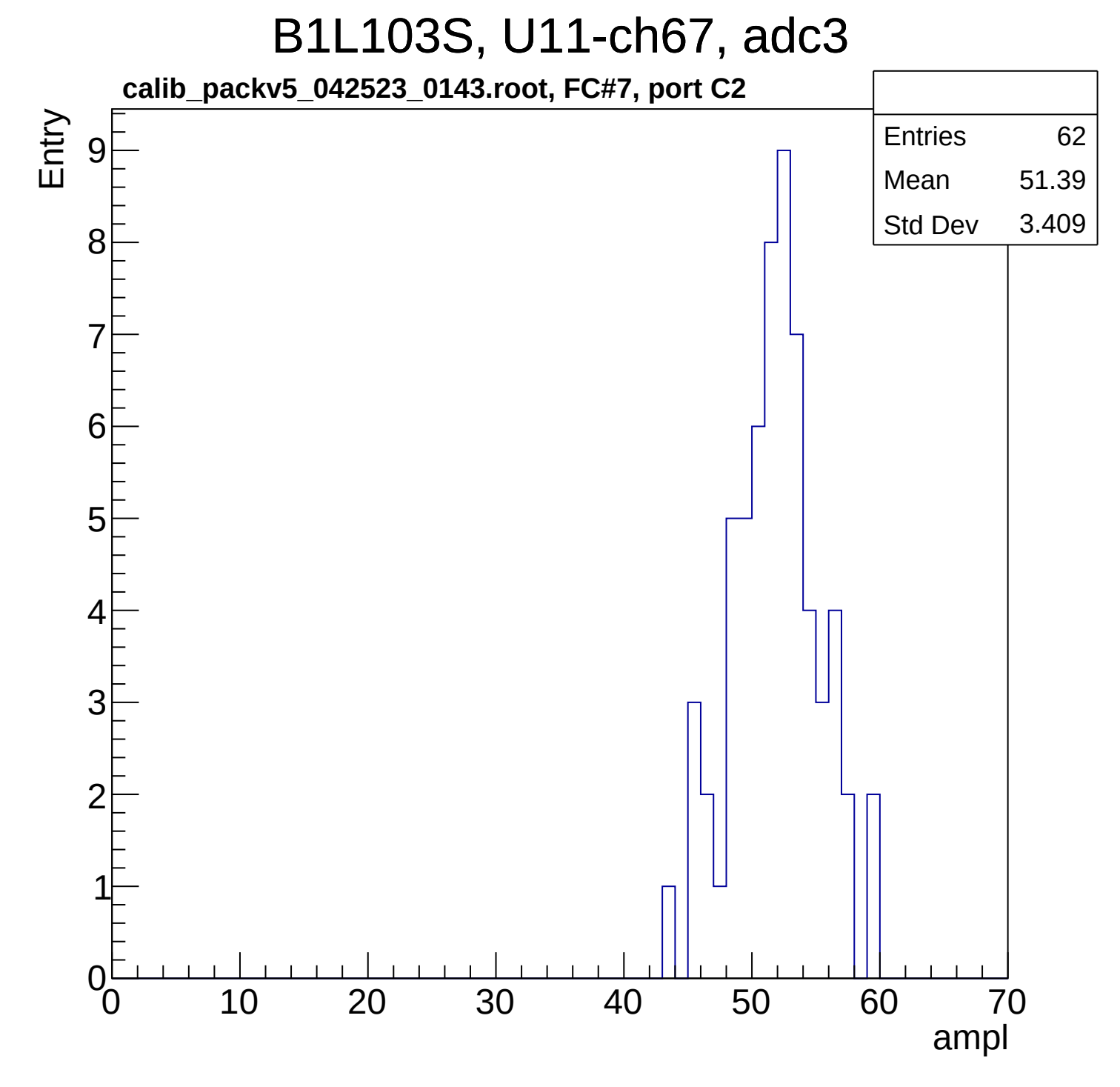

B1L103S, U11-ch66, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 4
Mean 46
Std Dev 26.6
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch66, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch67, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 30.9
Std Dev 5.114
Gaus mean : 31.1074
Gaus Width: 3.4325
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch67, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 78
Mean 38.74
Std Dev 3.391
Gaus mean : 39.5988
Gaus Width: 3.6199
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch67, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 45.39
Std Dev 3.307
Gaus mean : 46.5871
Gaus Width: 3.1559
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch67, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 51.39
Std Dev 3.409
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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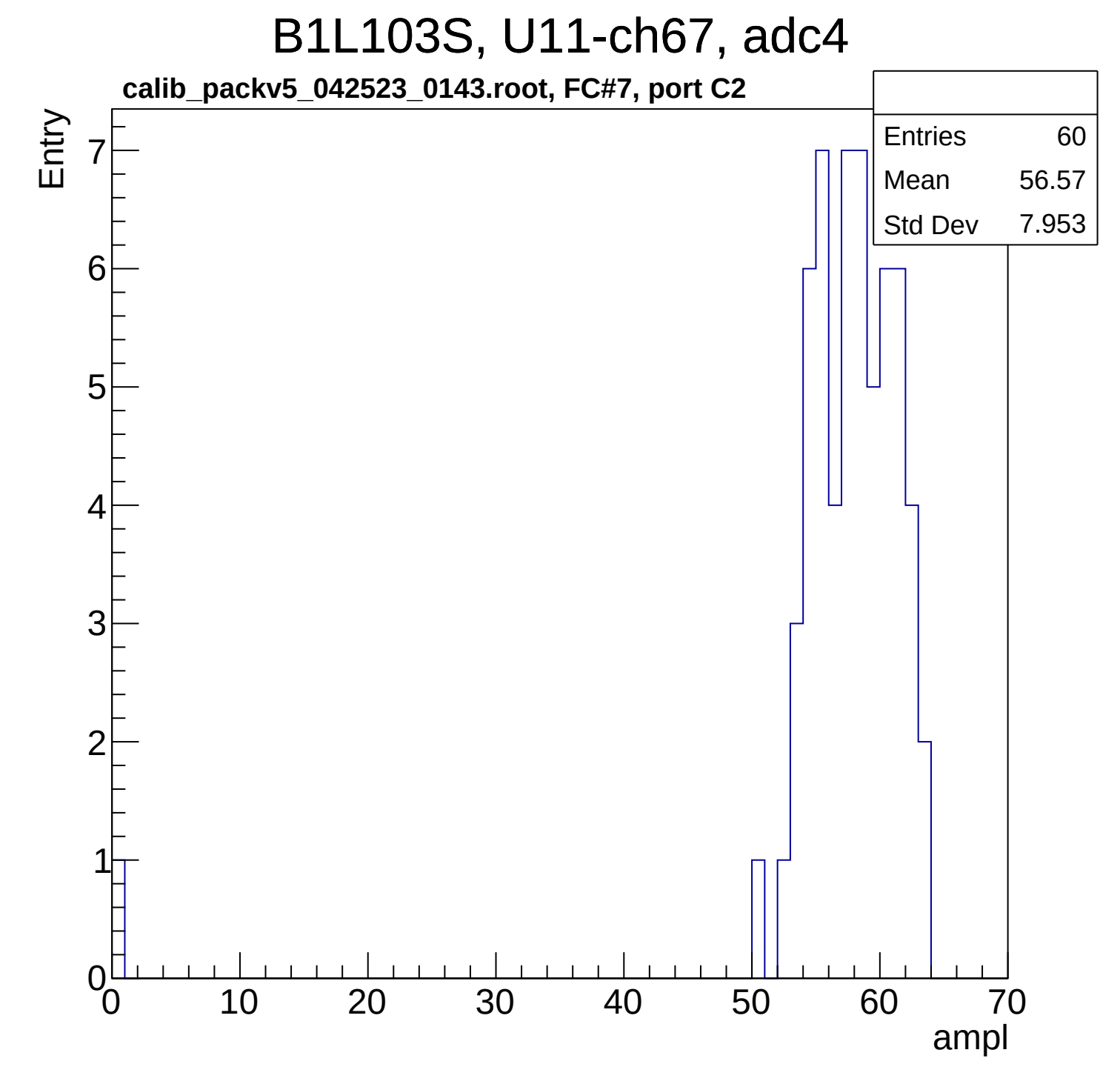
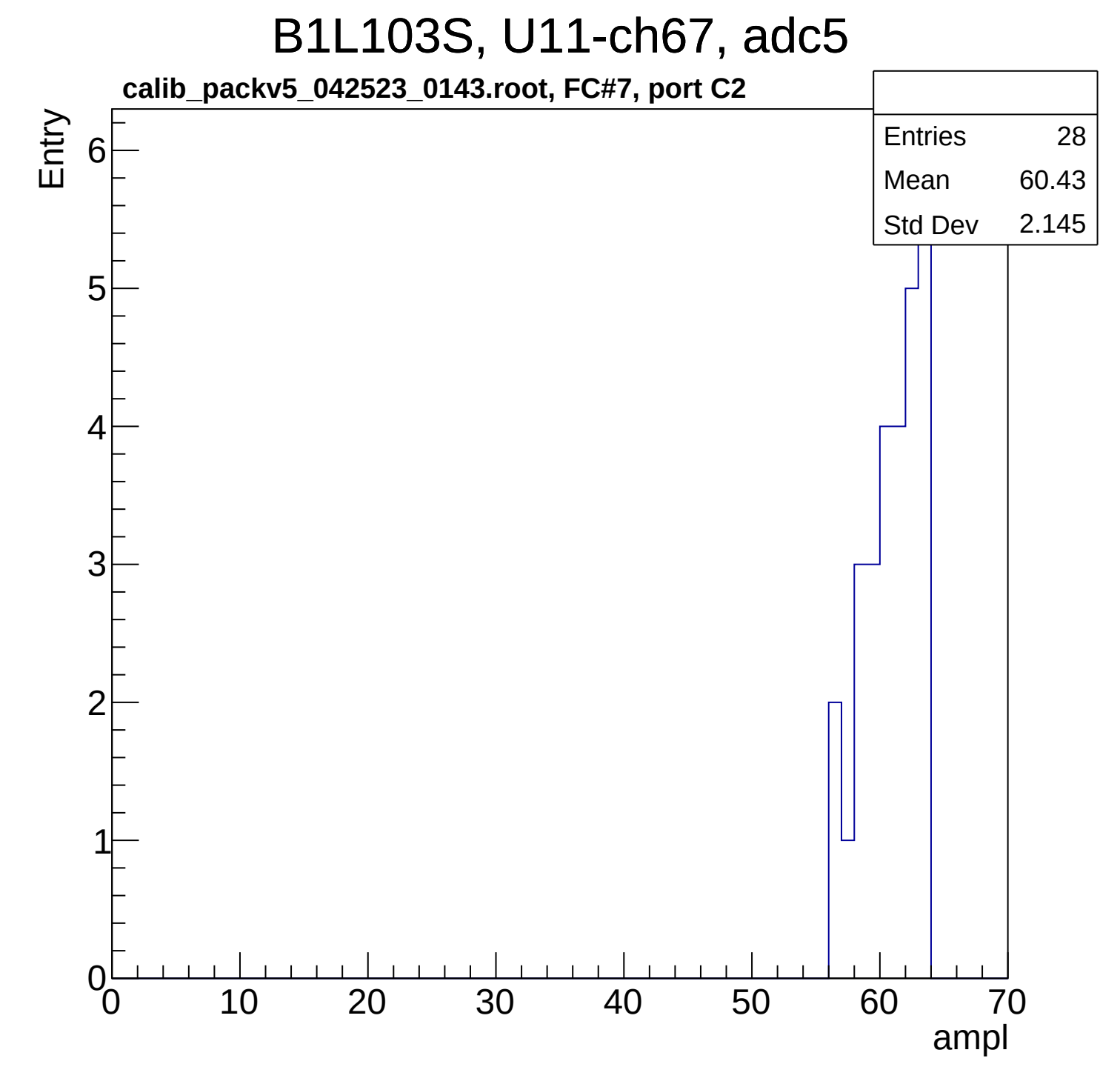
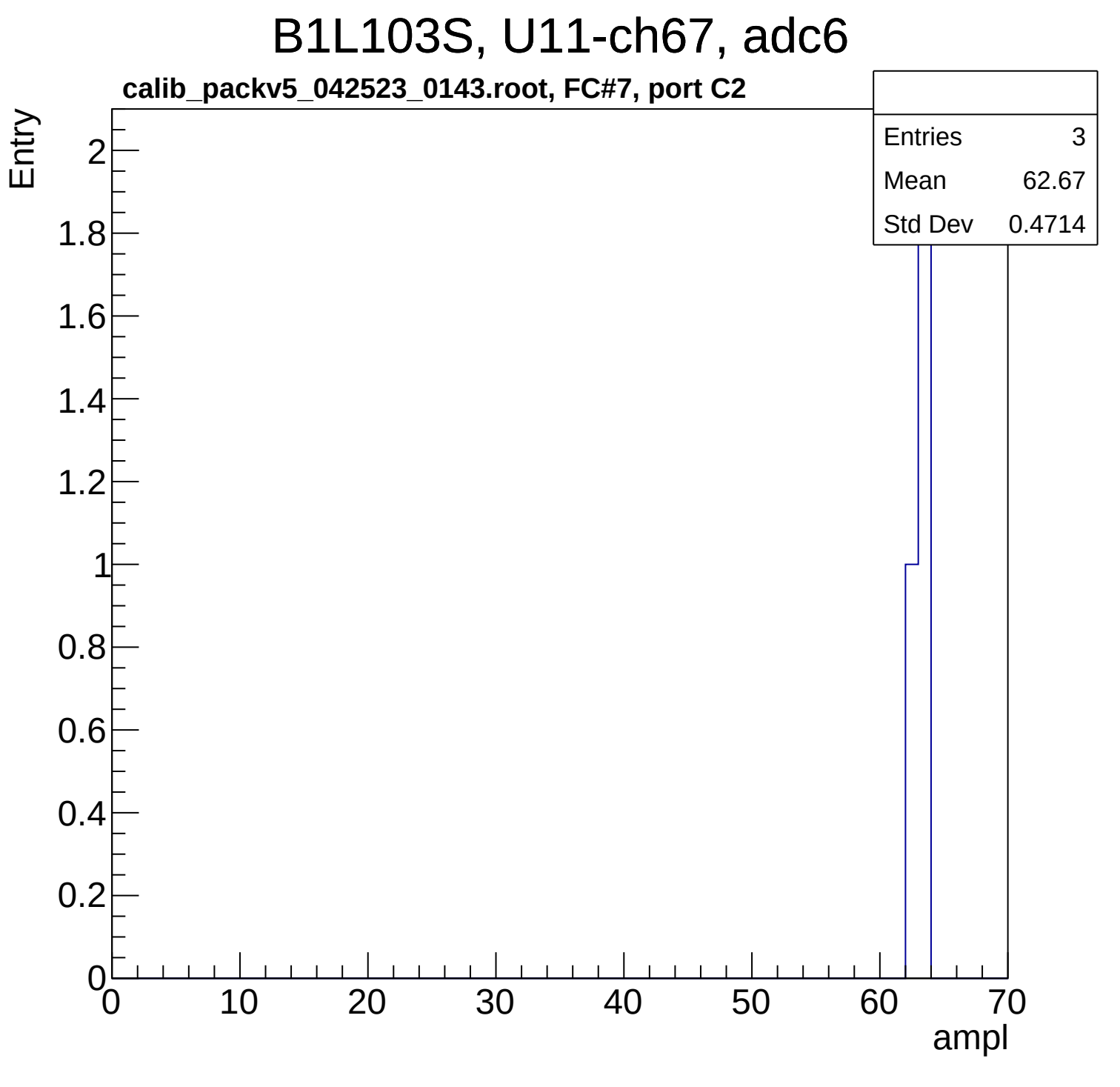
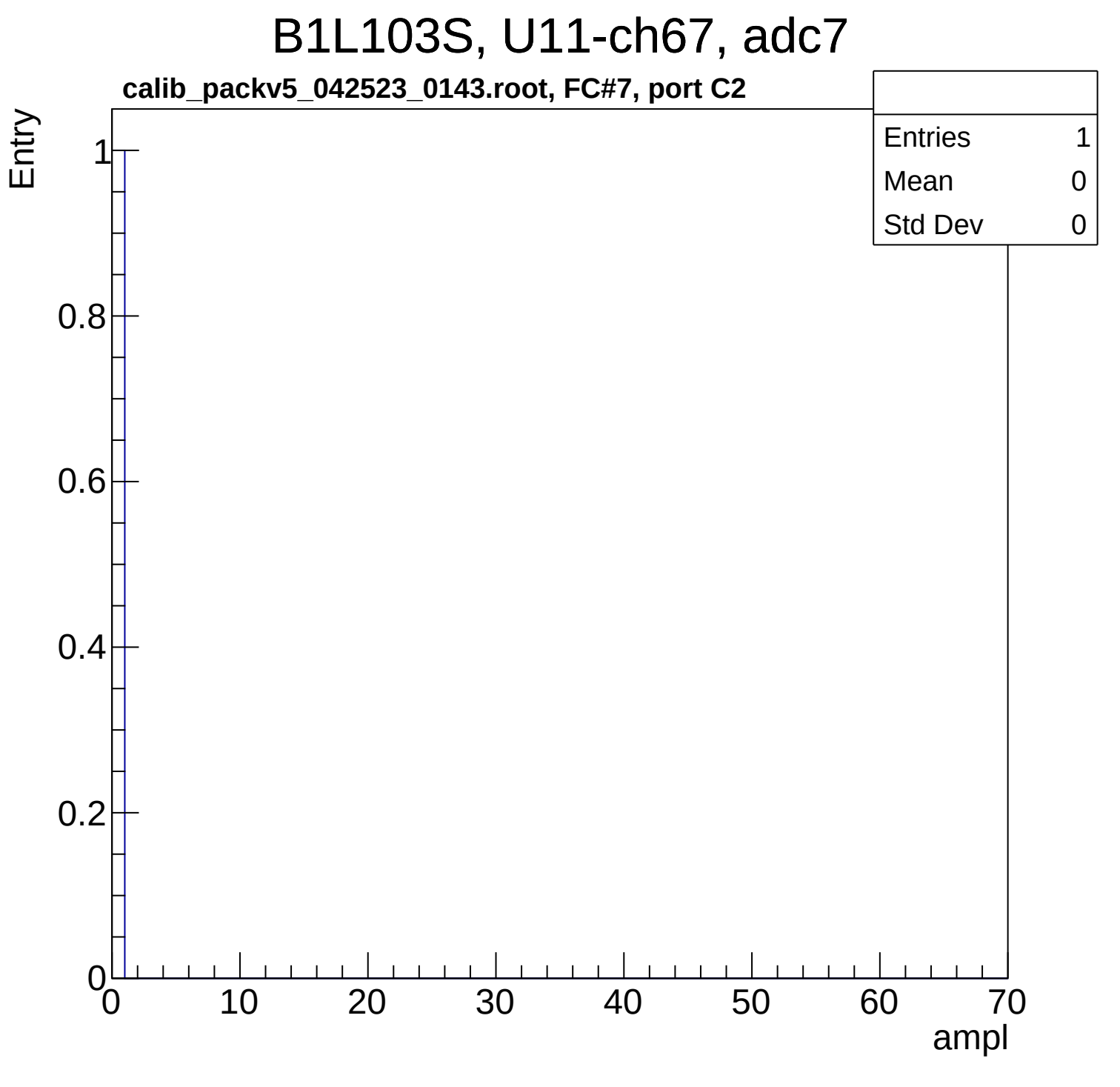
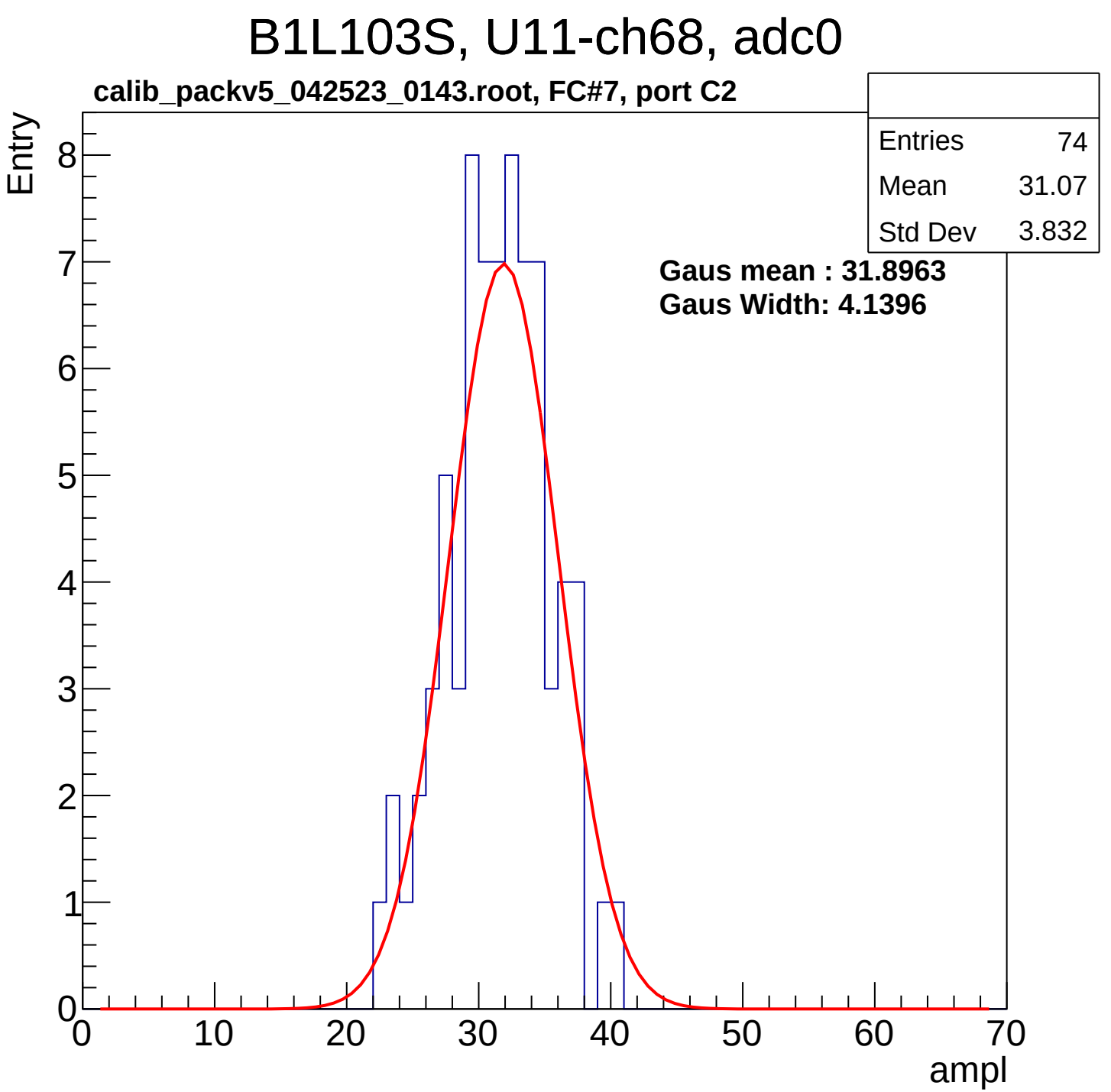

B1L103S, U11-ch67, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 56.57
Std Dev 7.953
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U11-ch67, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 28
Mean 60.43
Std Dev 2.145
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L103S, U11-ch67, adc6
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch67, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch68, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 31.07
Std Dev 3.832
Gaus mean : 31.8963
Gaus Width: 4.1396
Entry
ampl
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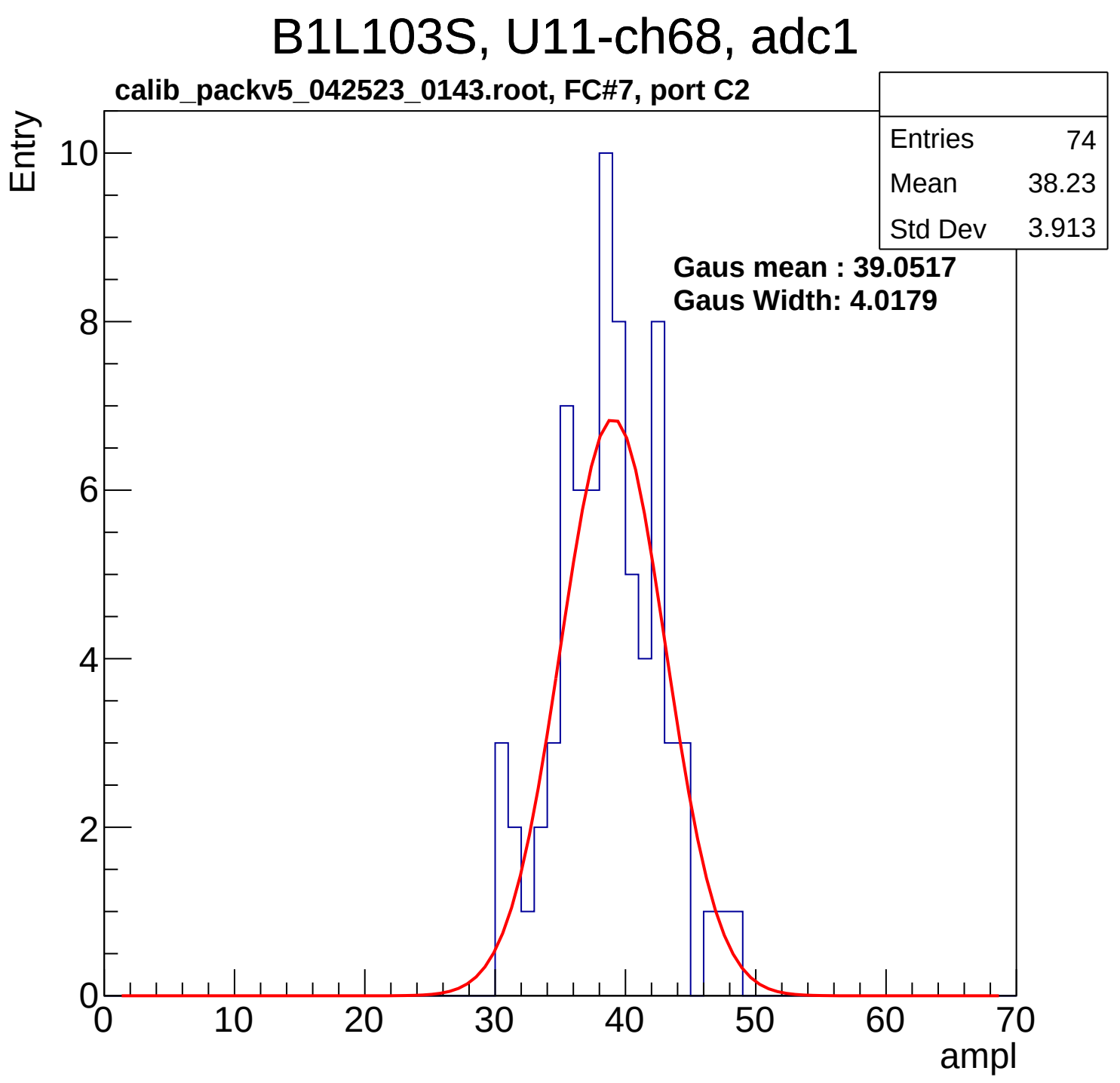
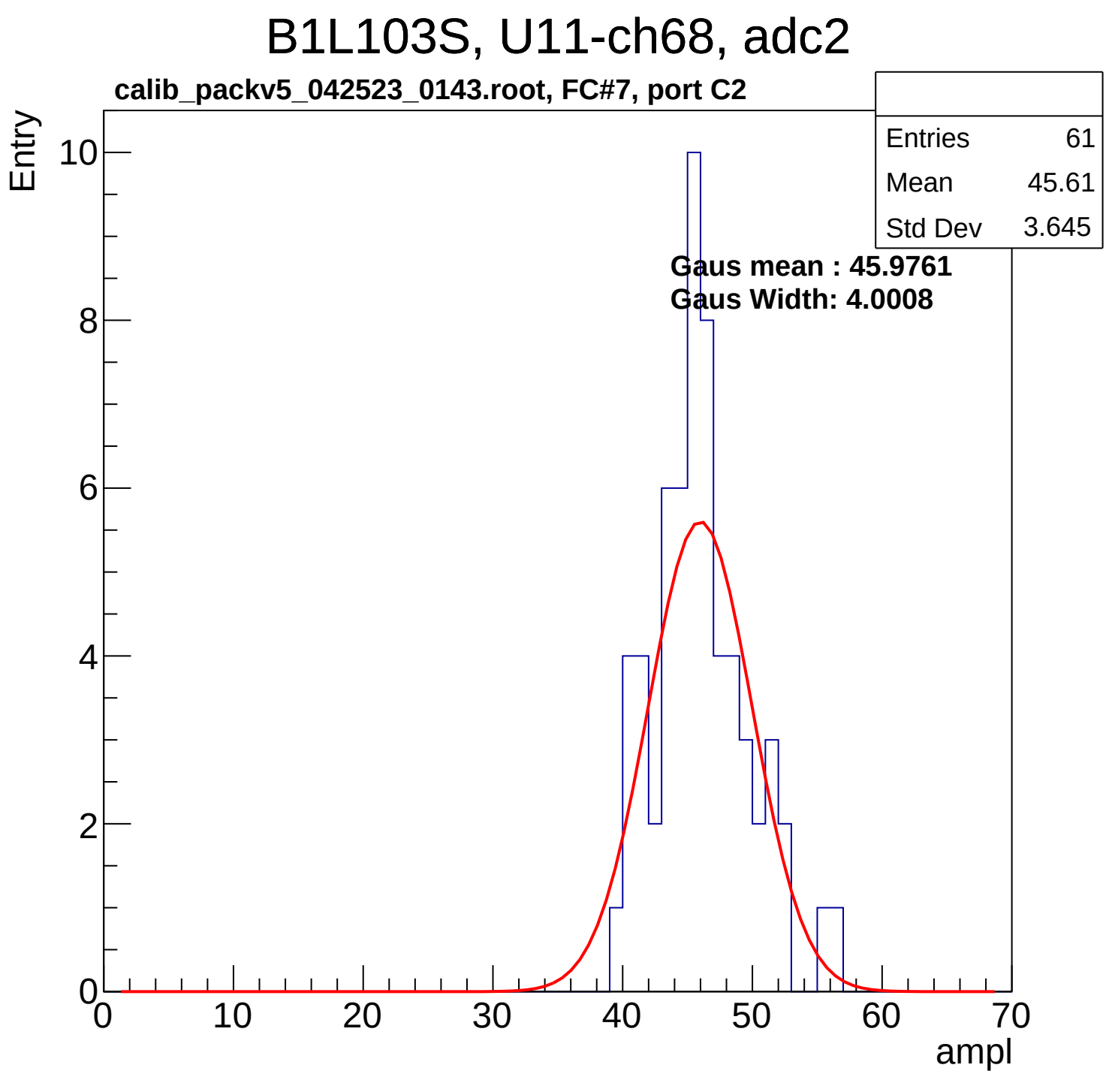
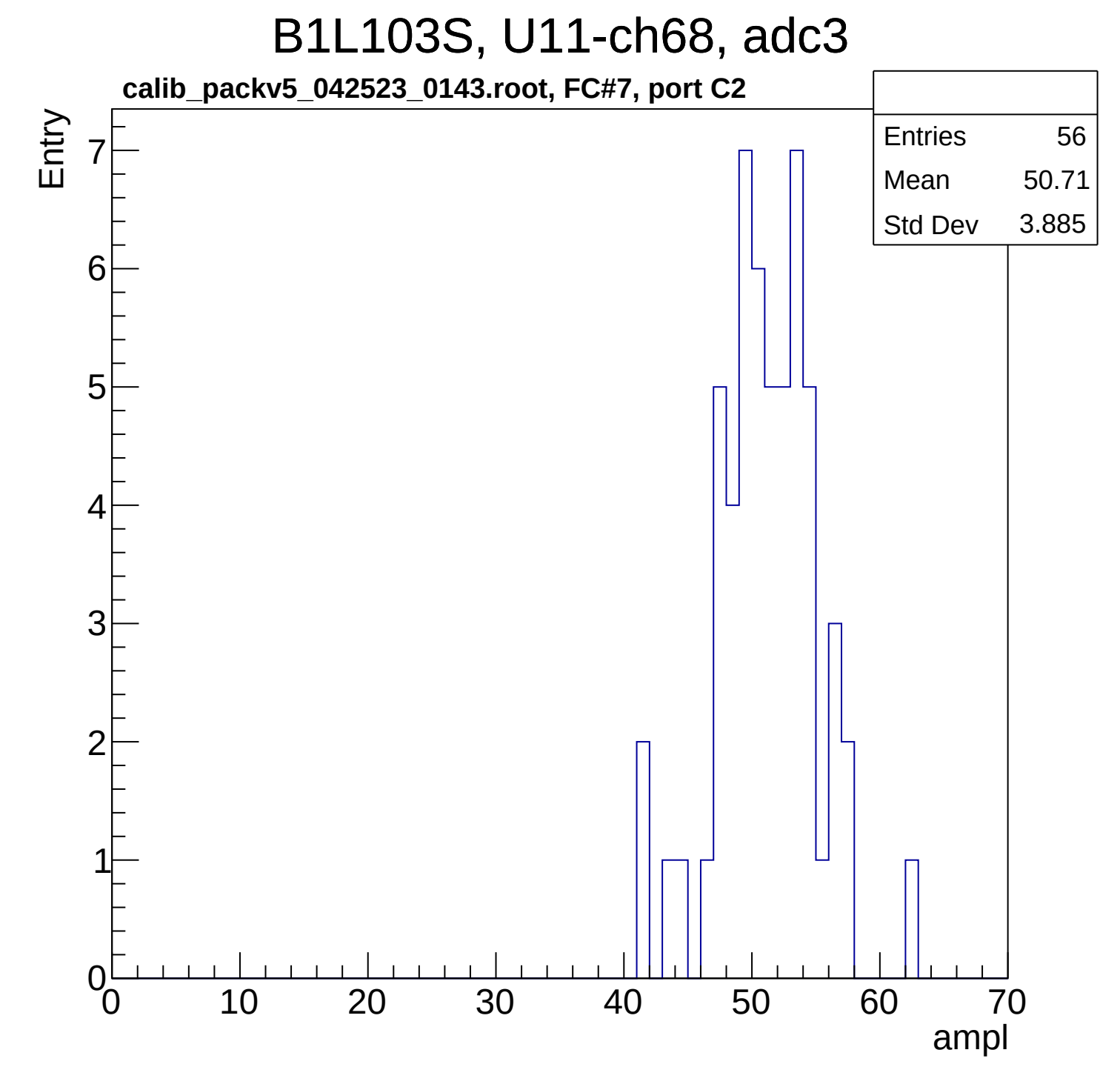
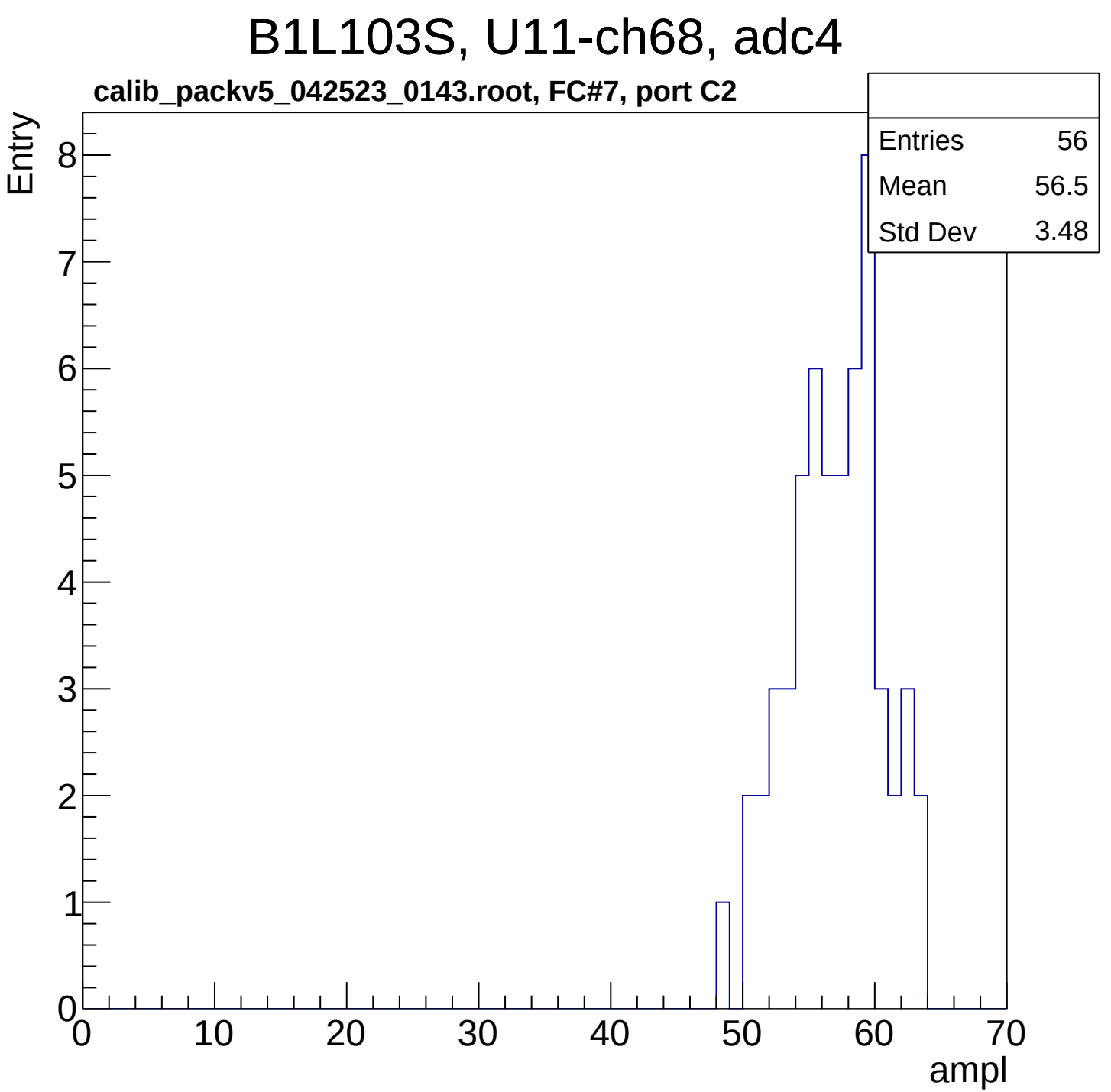
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch68, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 38.23
Std Dev 3.913
Gaus mean : 39.0517
Gaus Width: 4.0179
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch68, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 45.61
Std Dev 3.645
Gaus mean : 45.9761
Gaus Width: 4.0008
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch68, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 50.71
Std Dev 3.885
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U11-ch68, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 56.5
Std Dev 3.48
Entry
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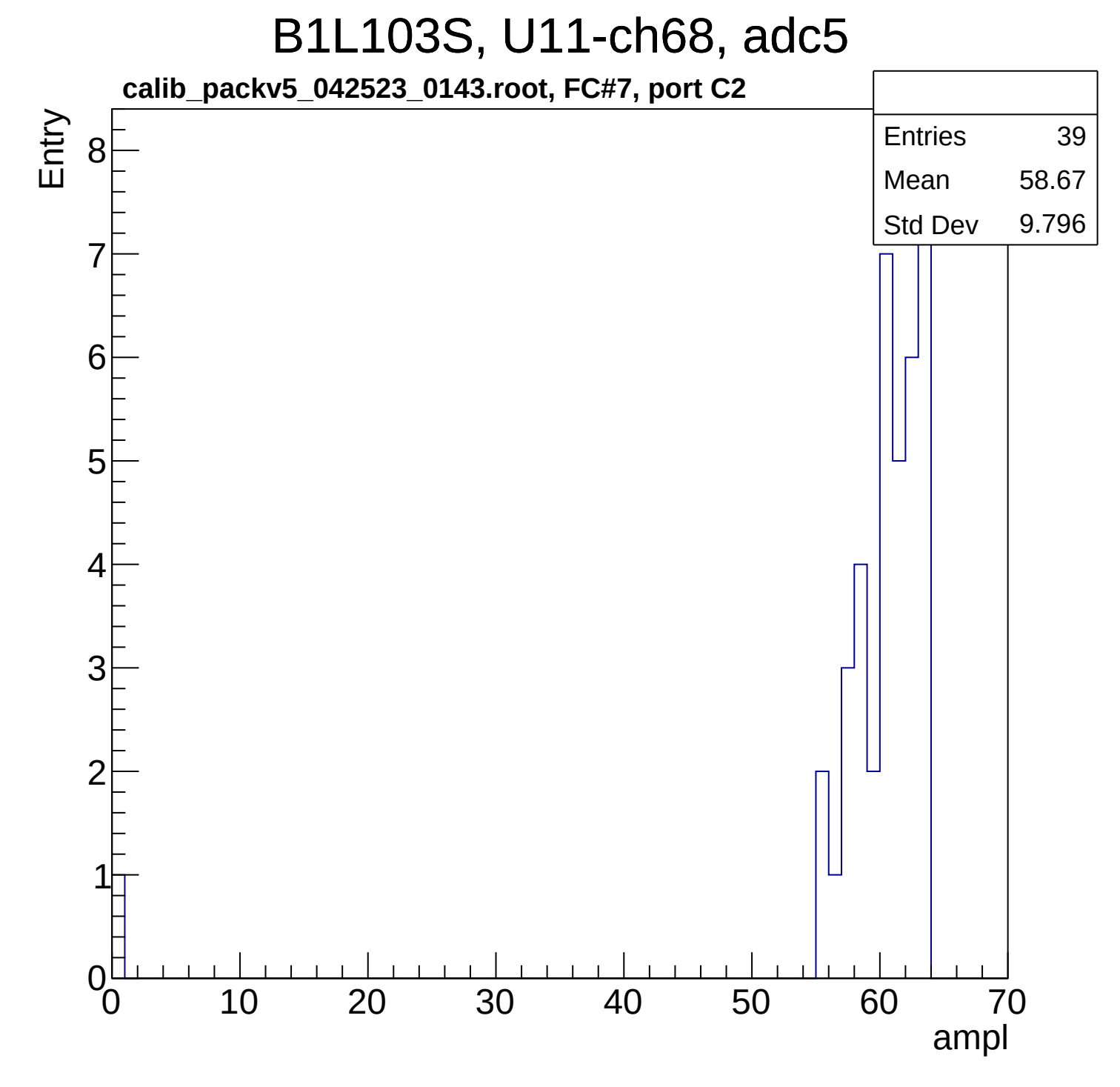
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch68, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 39
Mean 58.67
Std Dev 9.796
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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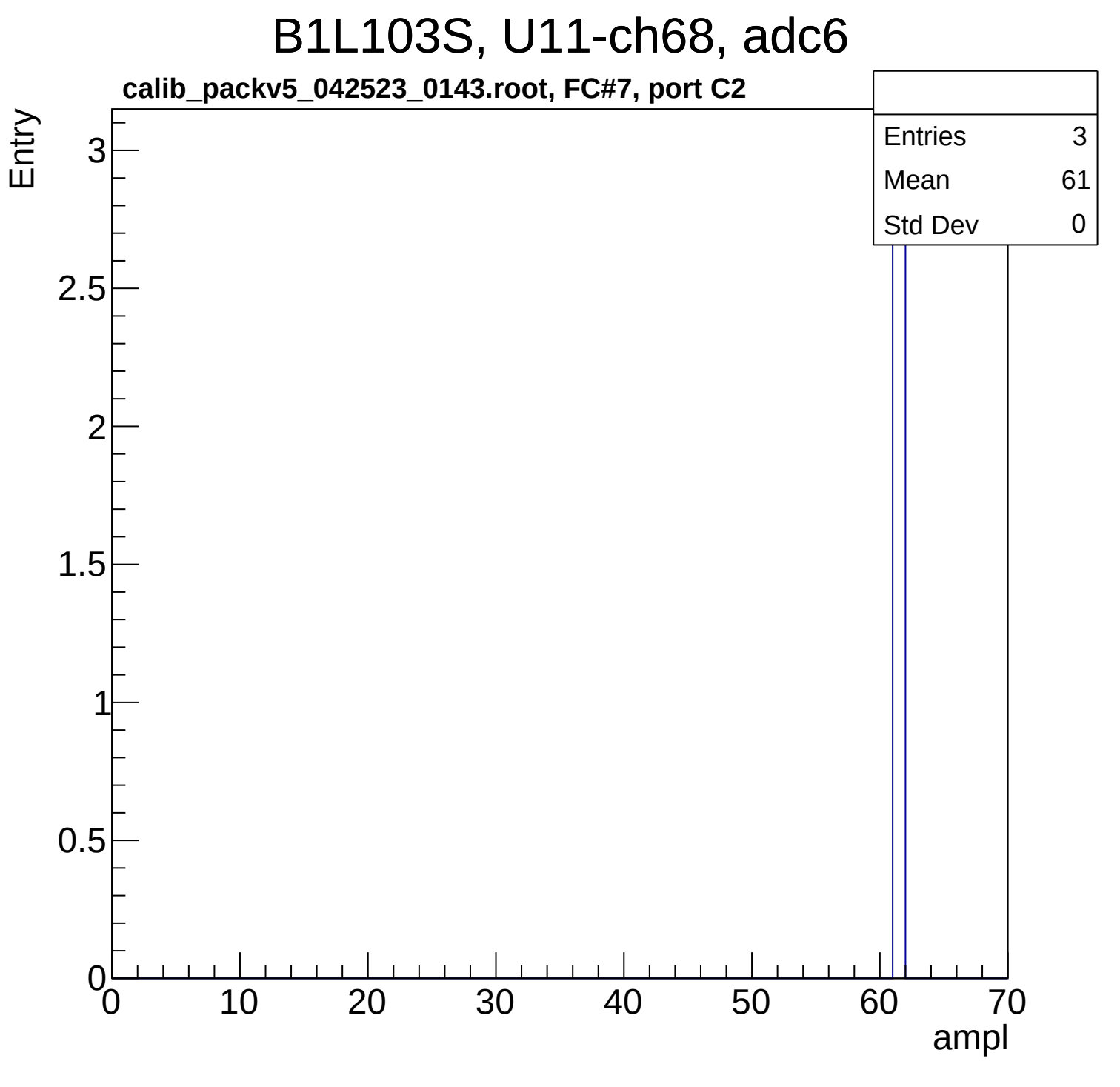
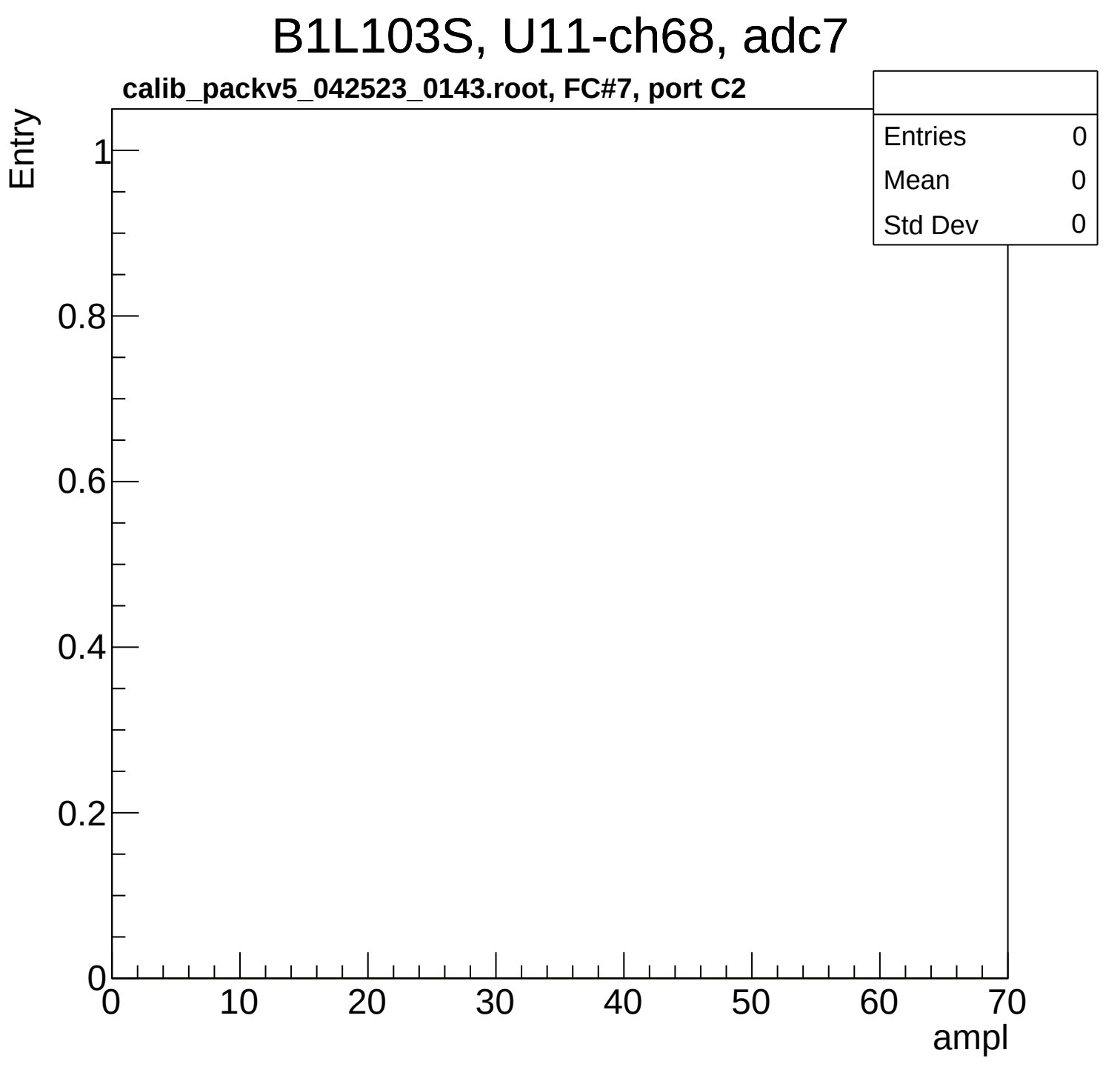

B1L103S, U11-ch68, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 61
Std Dev 0
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U11-ch68, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
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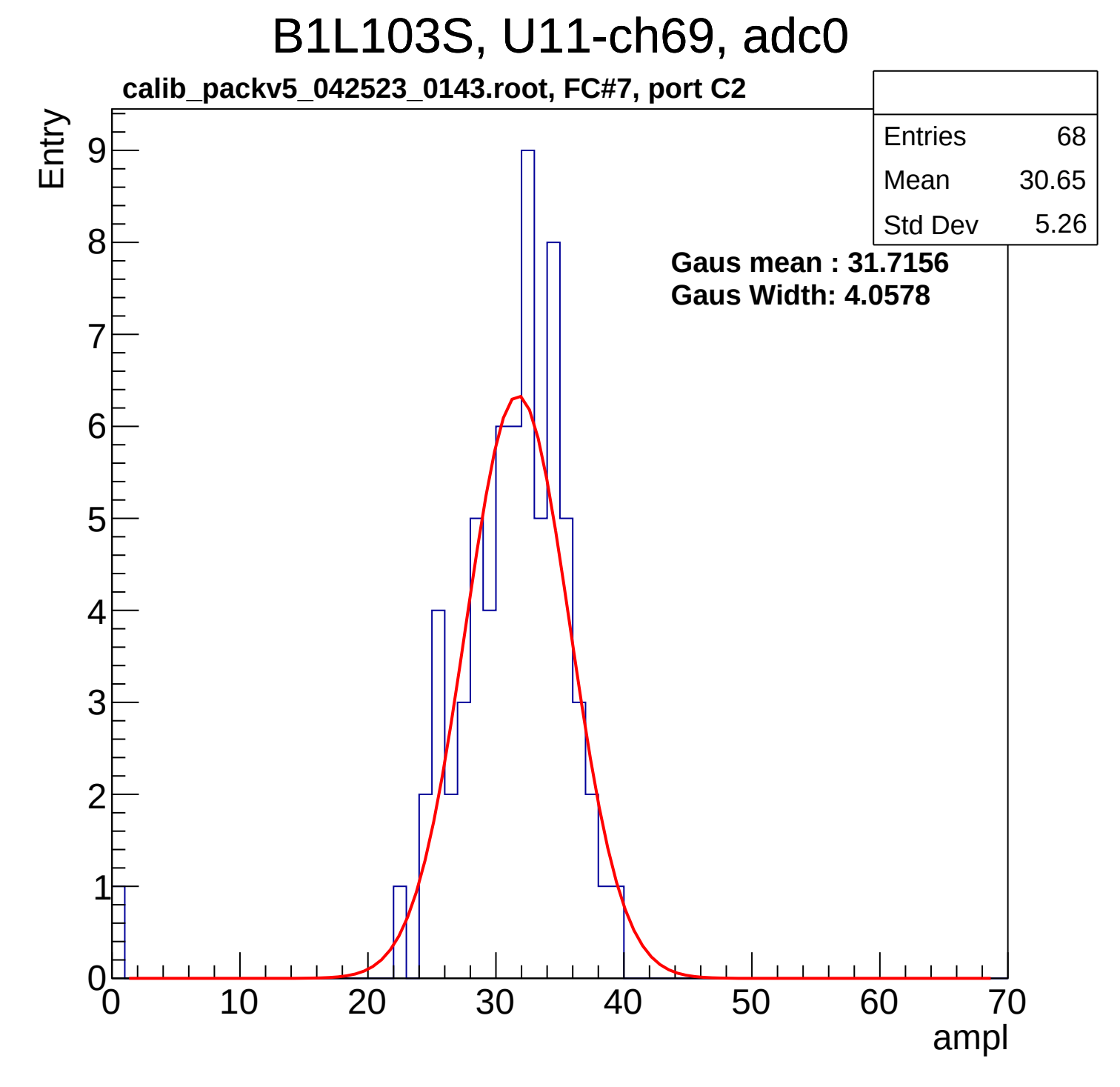
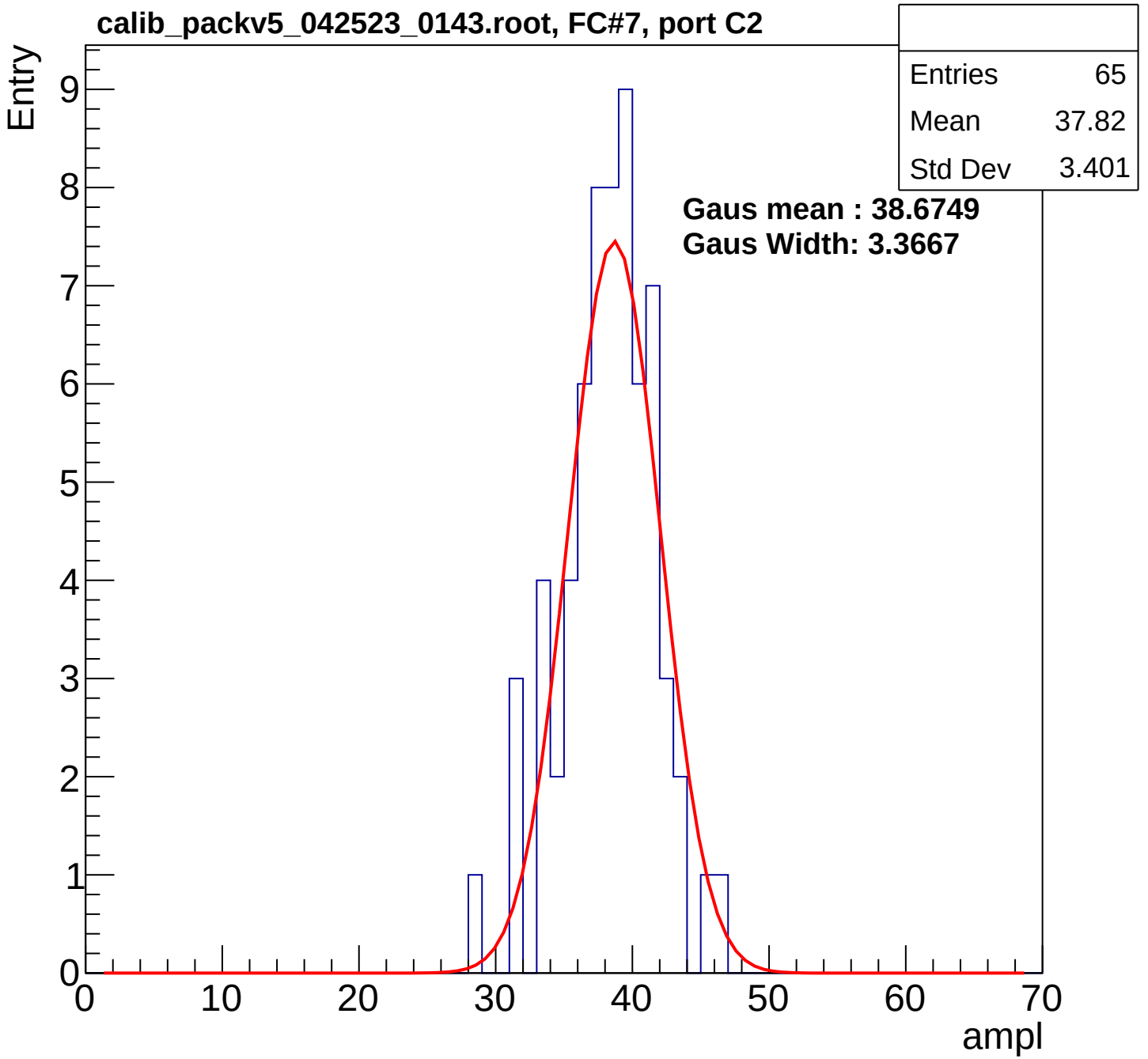
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch69, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 30.65
Std Dev 5.26
Gaus mean : 31.7156
Gaus Width: 4.0578
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch69, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 37.82
Std Dev 3.401
Gaus mean : 38.6749
Gaus Width: 3.3667
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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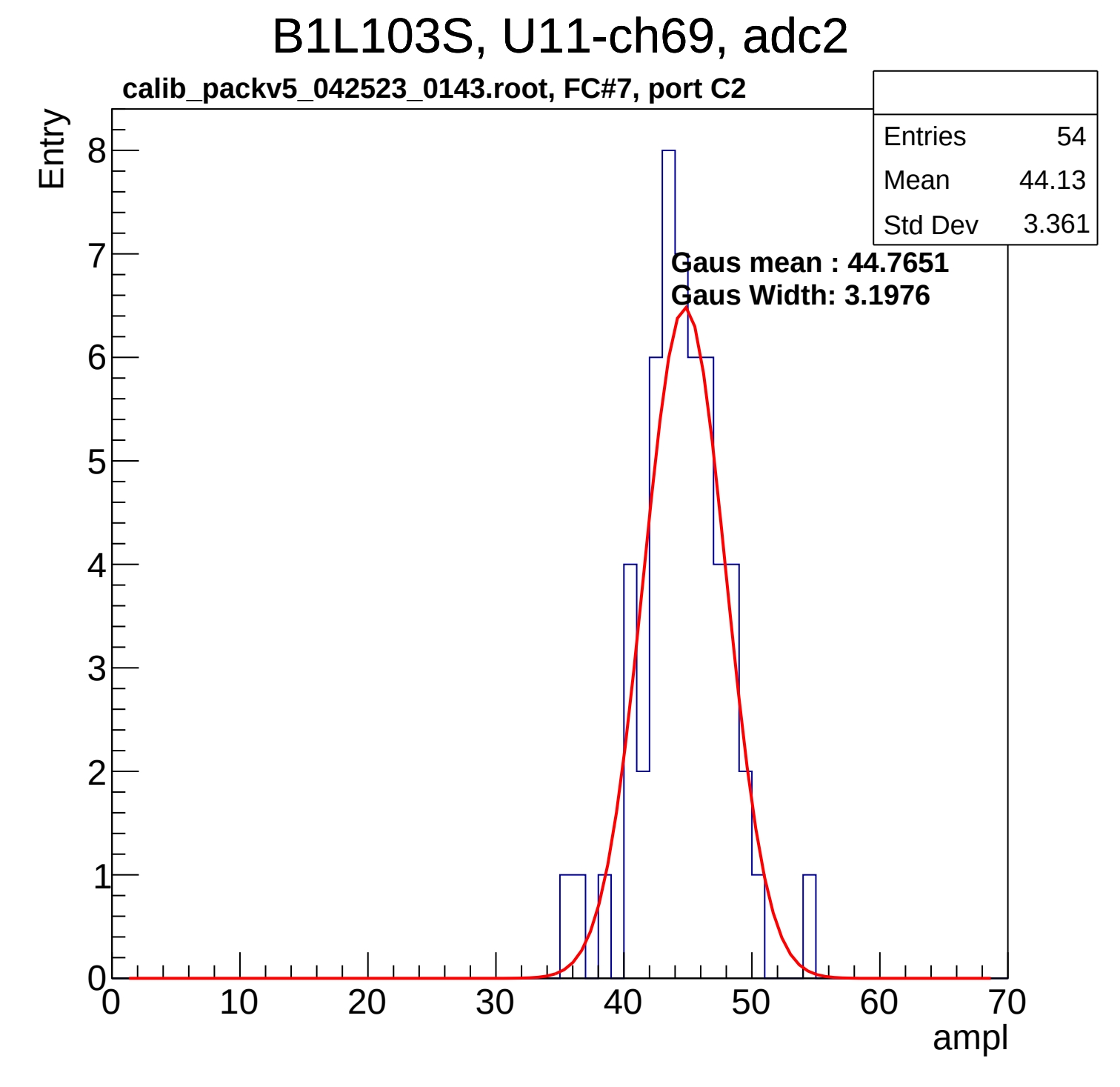
B1L103S, U11-ch69, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 44.13
Std Dev 3.361
Gaus mean : 44.7651
Gaus Width: 3.1976
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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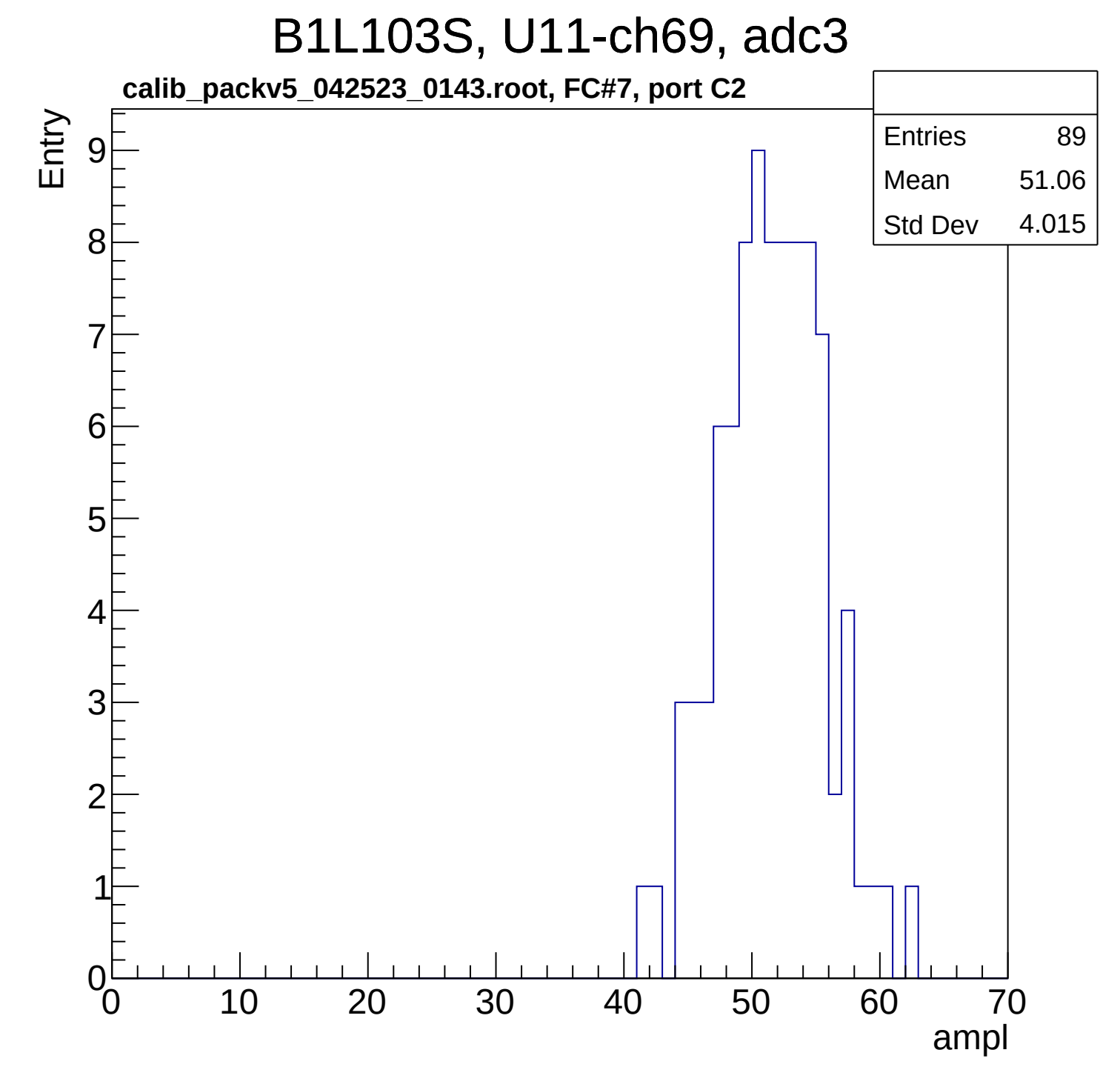
40
50
60
70


B1L103S, U11-ch69, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 89
Mean 51.06
Std Dev 4.015
Entry
ampl
0
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2
3
4
5
6
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8
9
0
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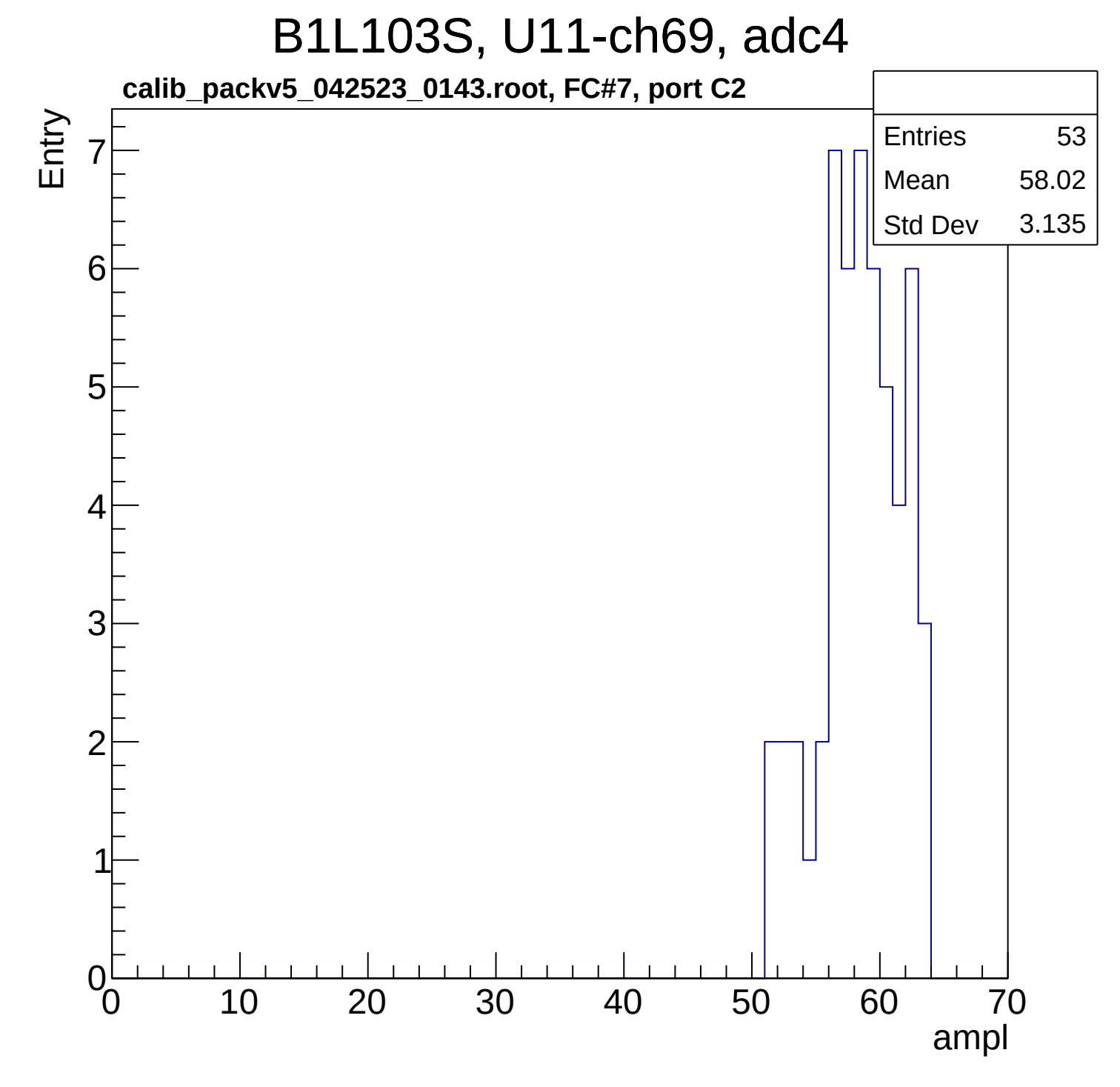
40
50
60
70


B1L103S, U11-ch69, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 53
Mean 58.02
Std Dev 3.135
Entry
ampl
0
1
2
3
4
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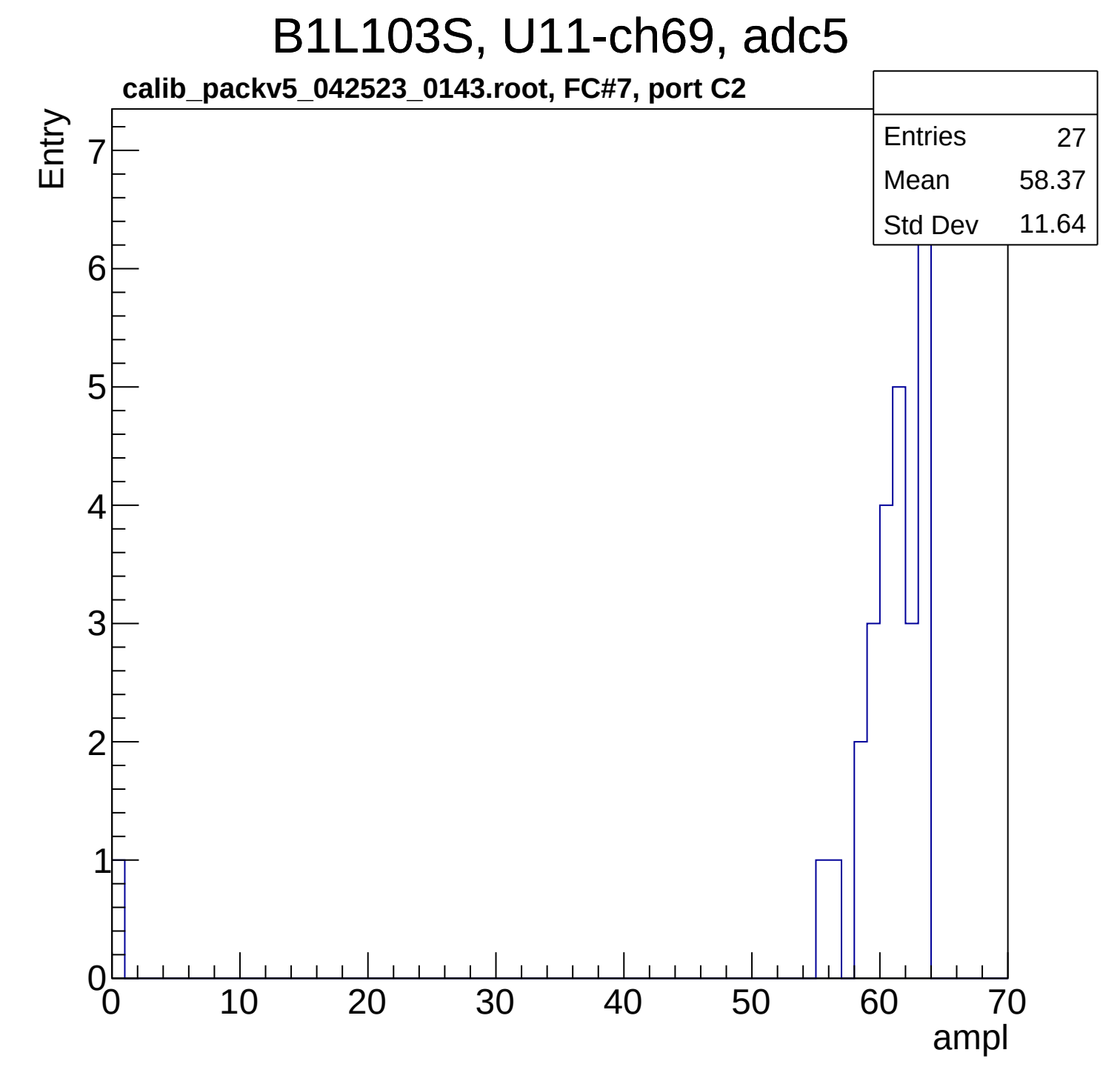
B1L103S, U11-ch69, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 27
Mean 58.37
Std Dev 11.64
Entry
ampl
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4
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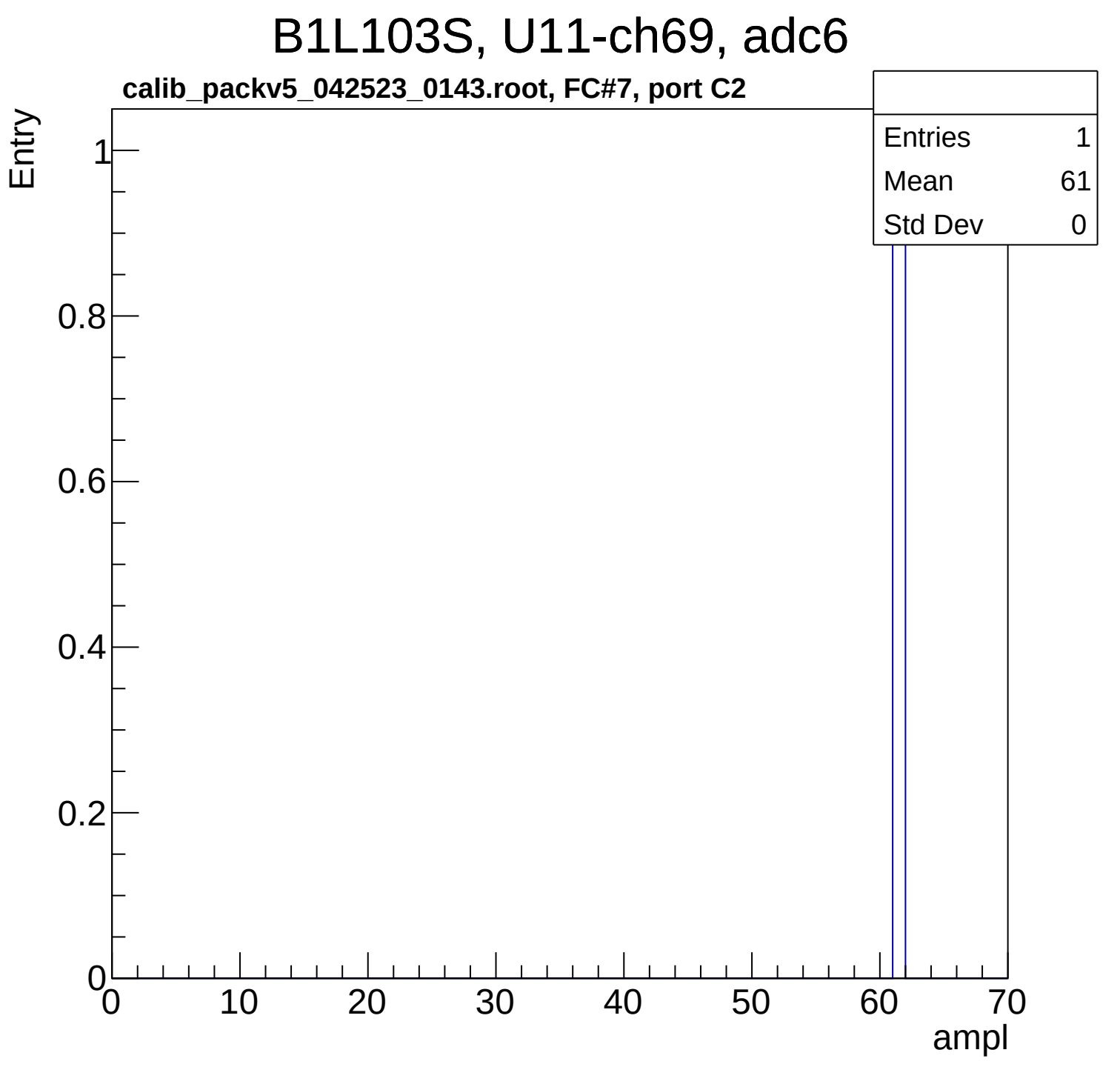
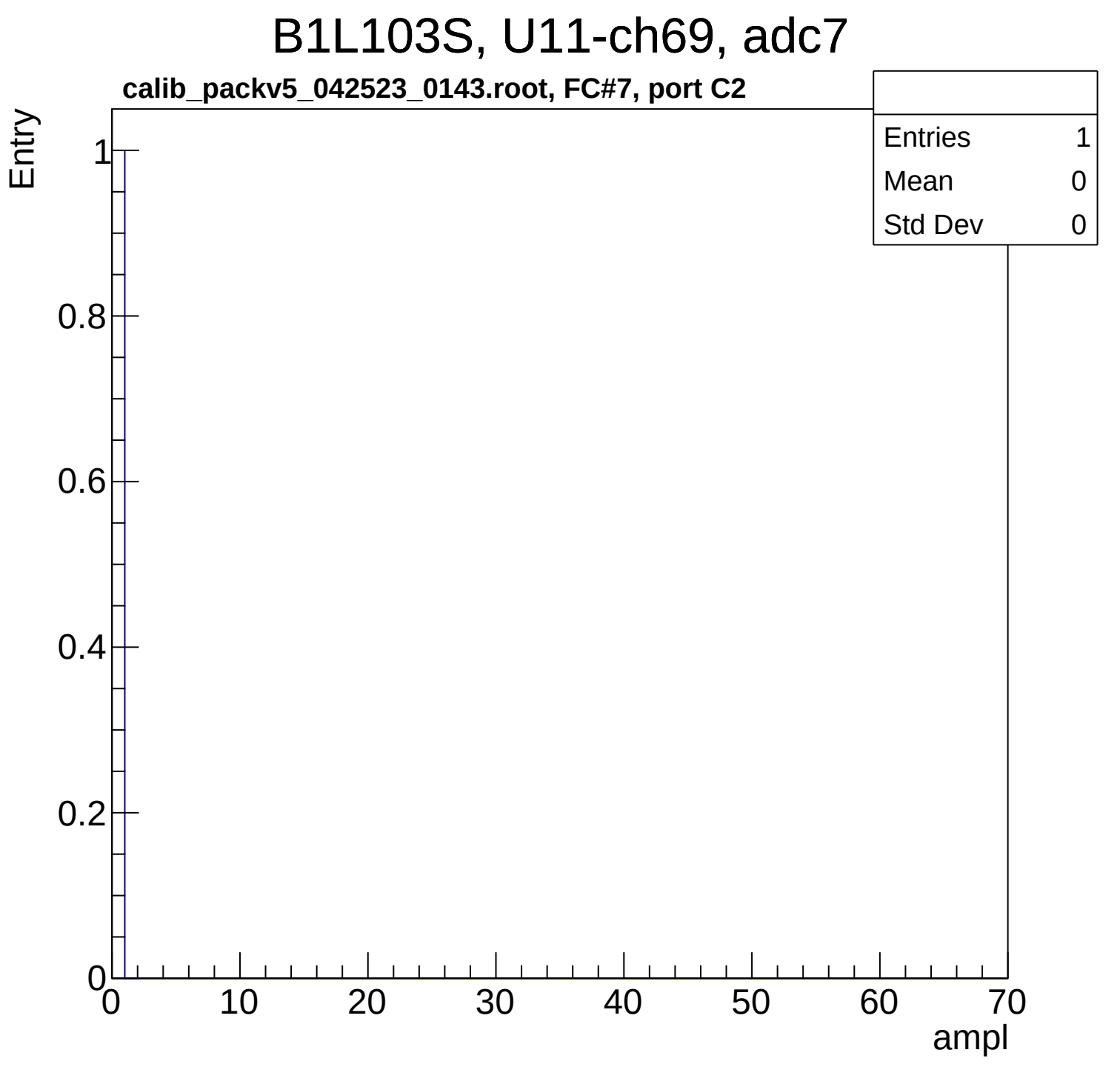
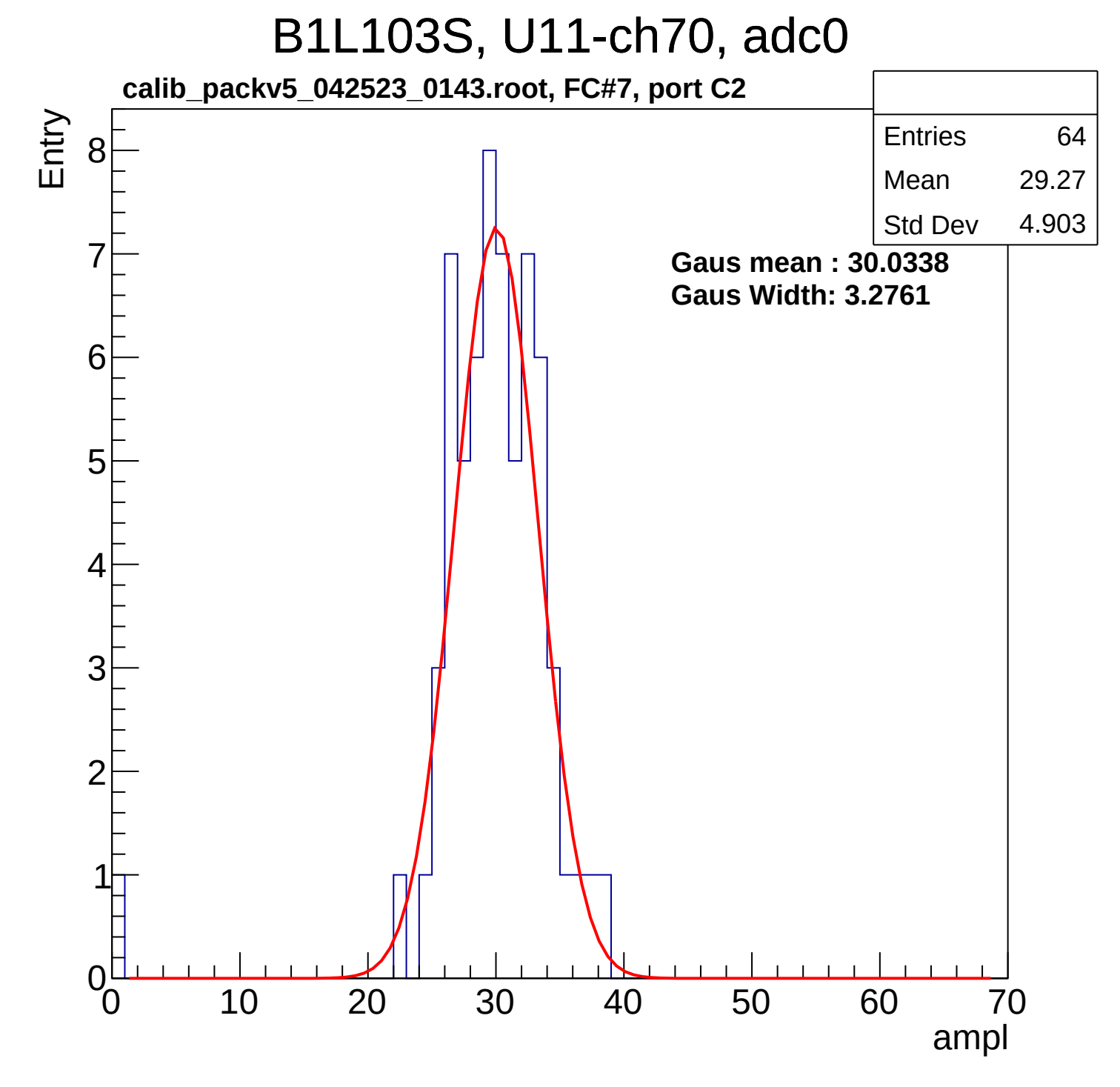

B1L103S, U11-ch69, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 61
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch69, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch70, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 29.27
Std Dev 4.903
Gaus mean : 30.0338
Gaus Width: 3.2761
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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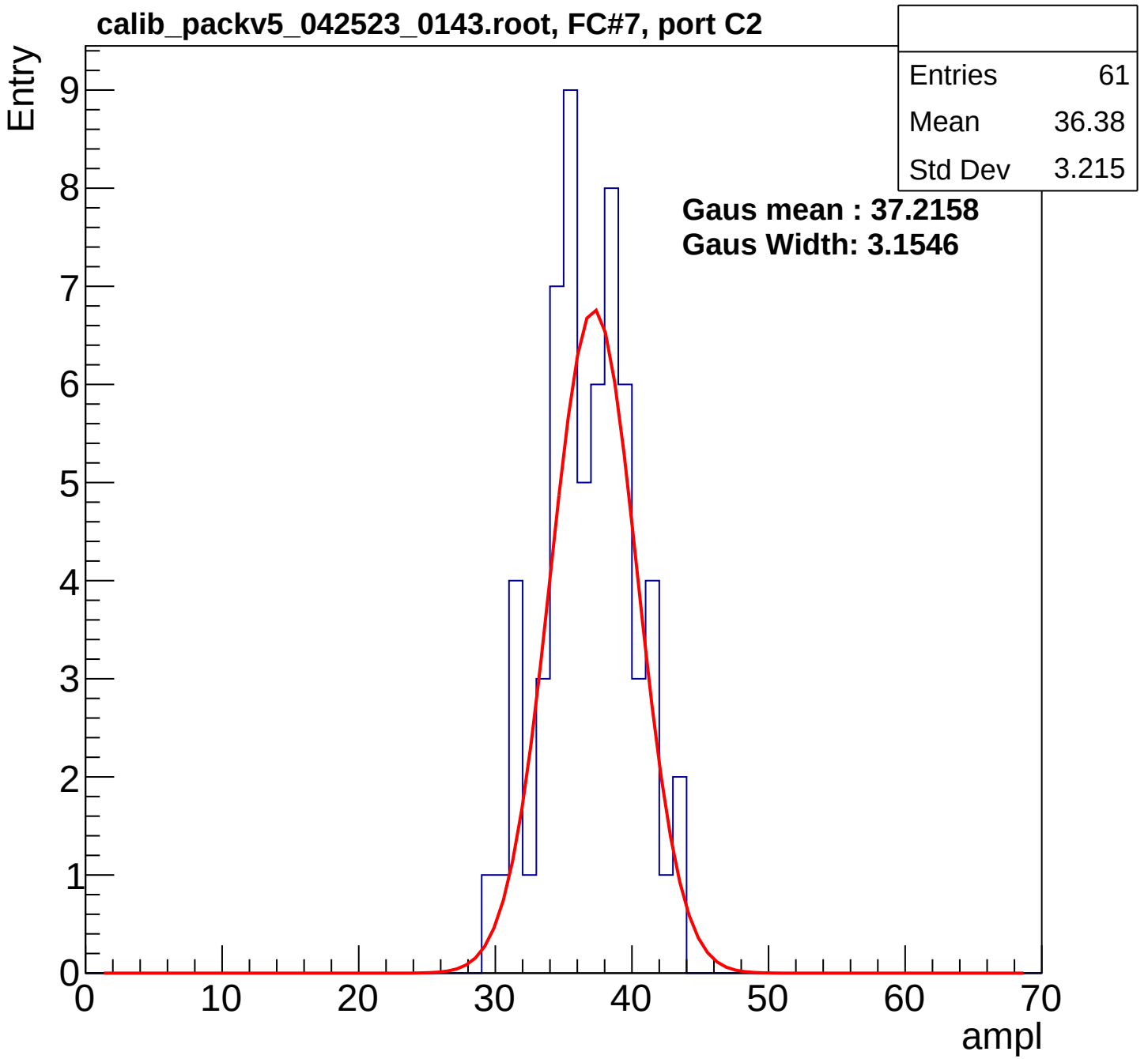
B1L103S, U11-ch70, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 36.38
Std Dev 3.215
Gaus mean : 37.2158
Gaus Width: 3.1546
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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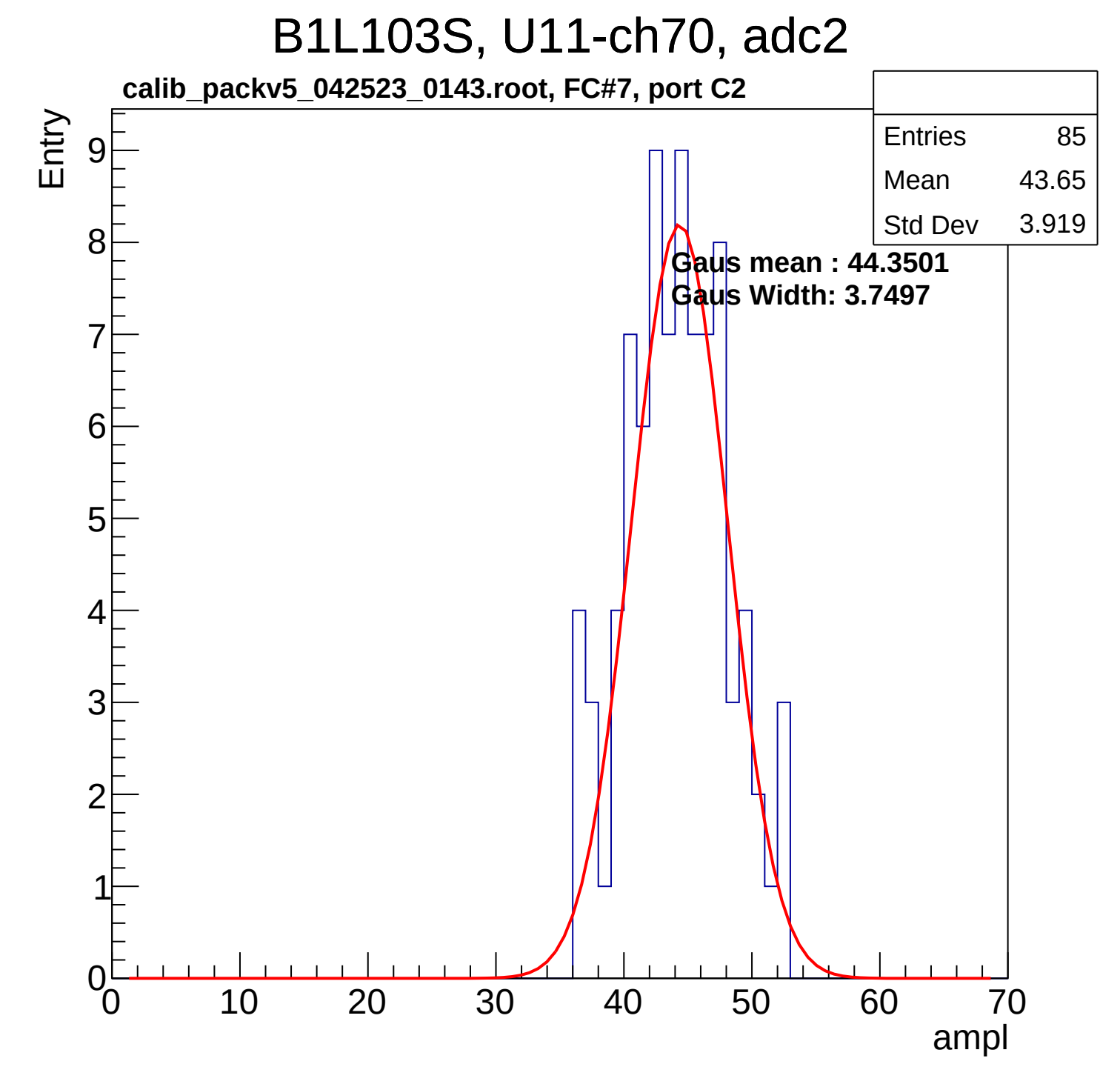
B1L103S, U11-ch70, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 85
Mean 43.65
Std Dev 3.919
Gaus mean : 44.3501
Gaus Width: 3.7497
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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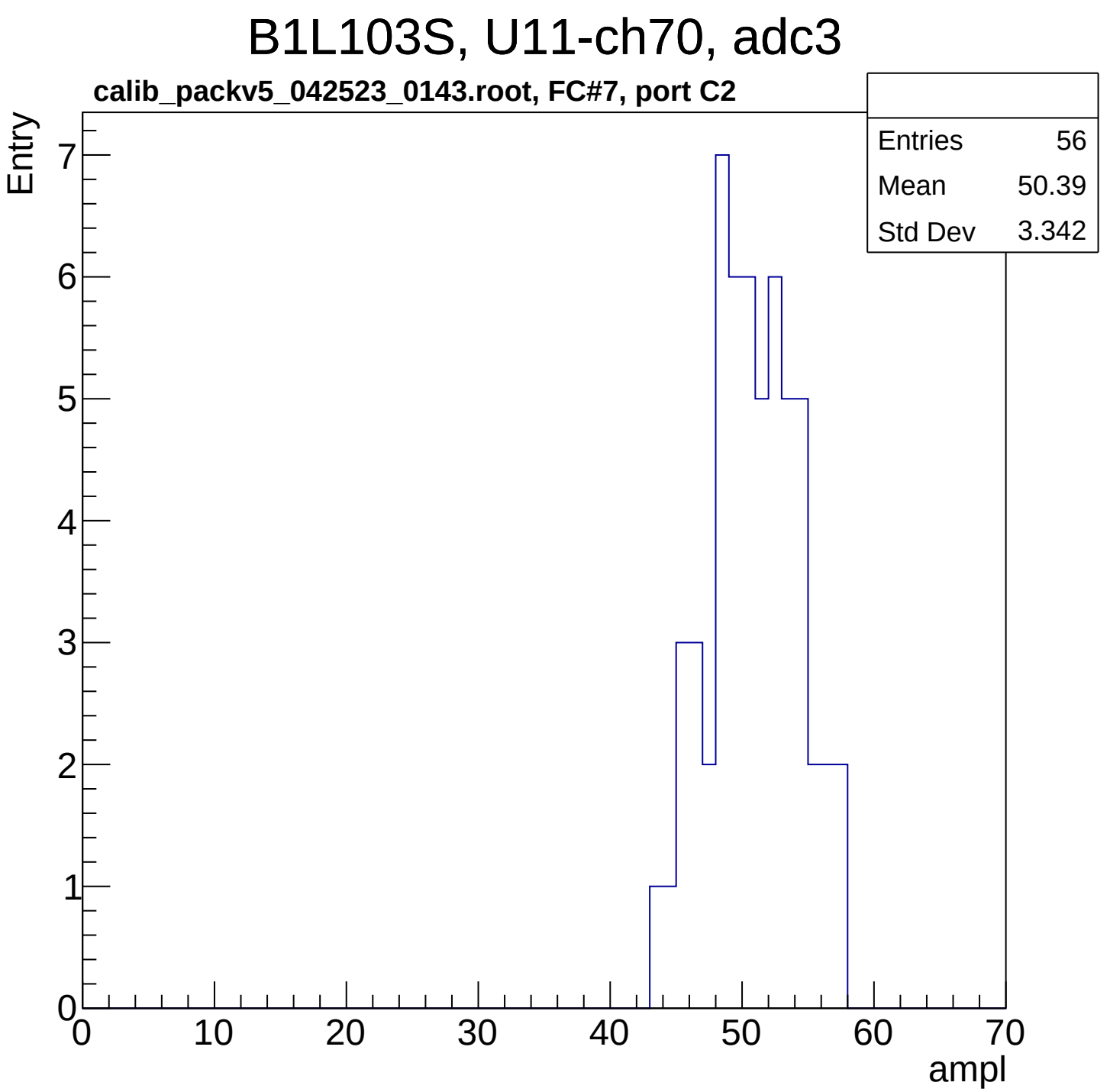
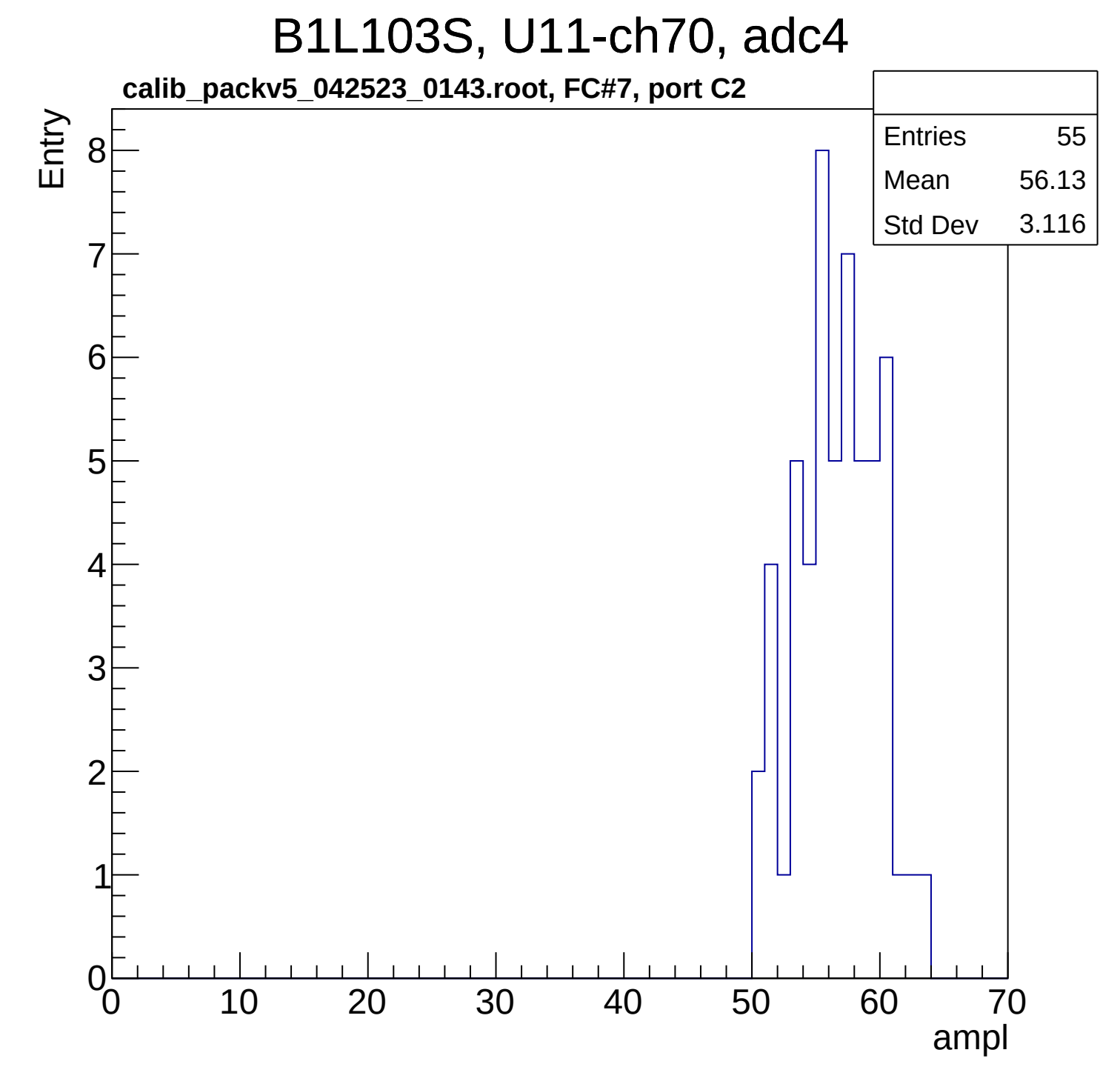

B1L103S, U11-ch70, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 50.39
Std Dev 3.342
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U11-ch70, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 56.13
Std Dev 3.116
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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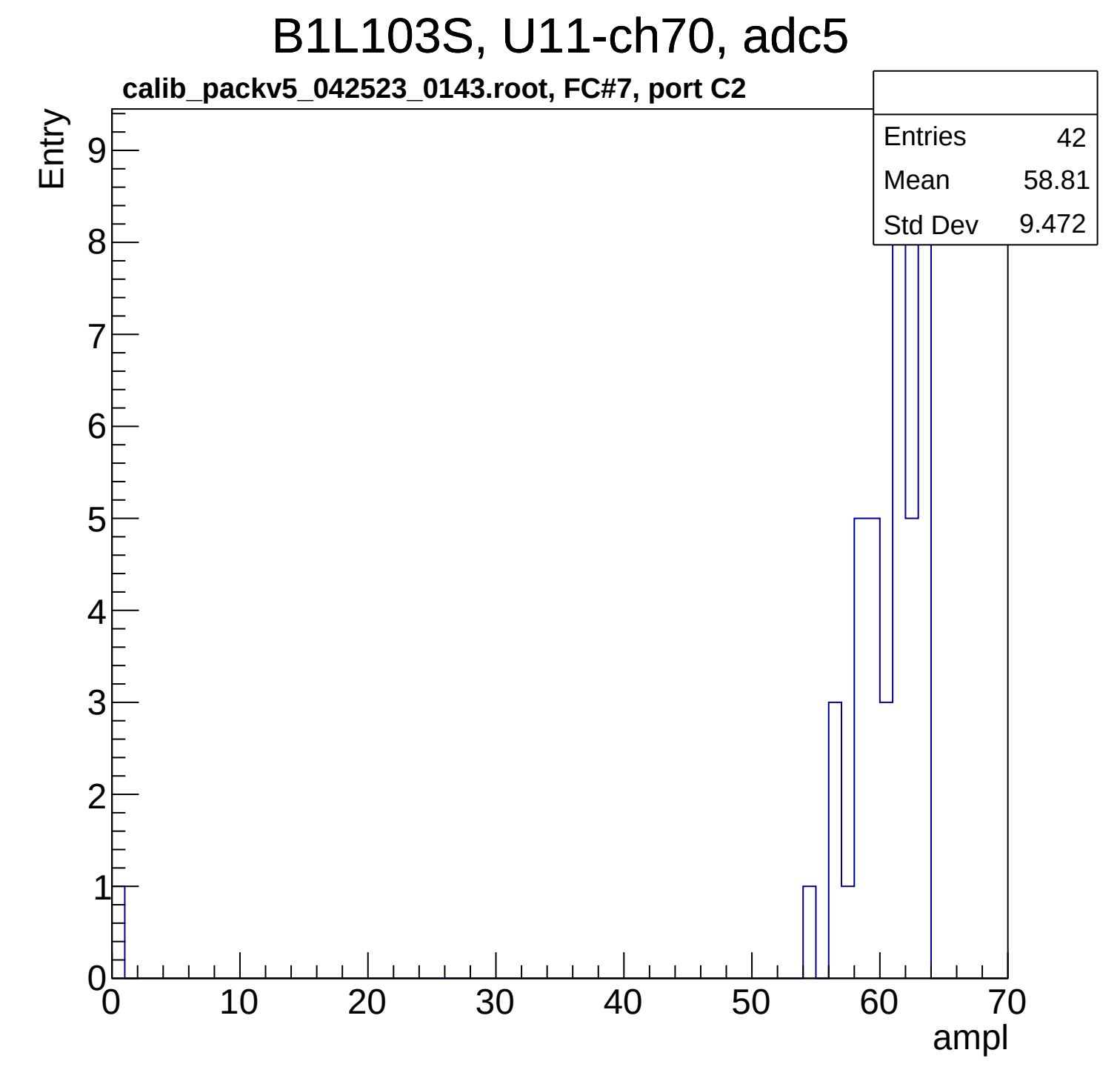
B1L103S, U11-ch70, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 42
Mean 58.81
Std Dev 9.472
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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60
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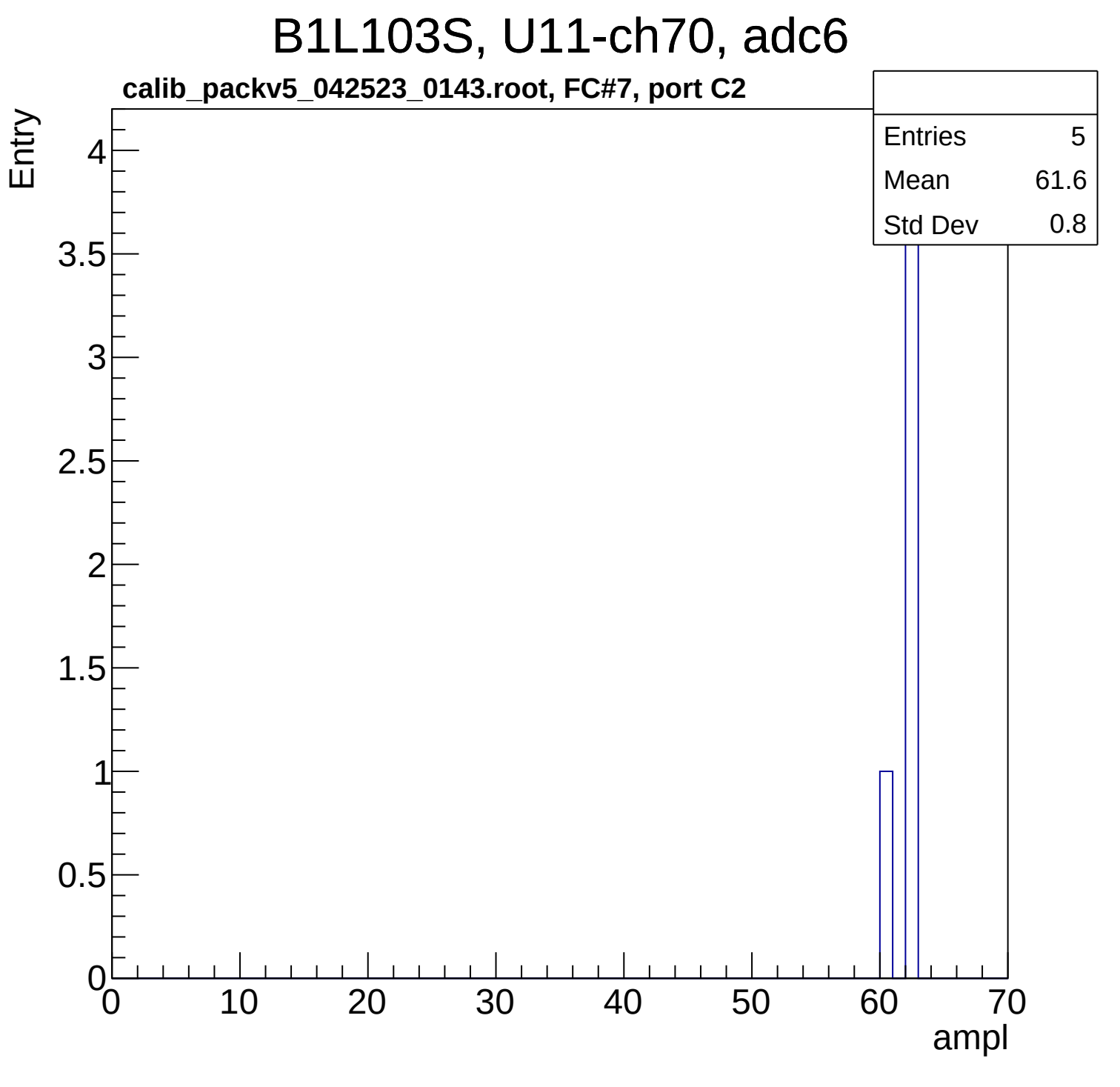
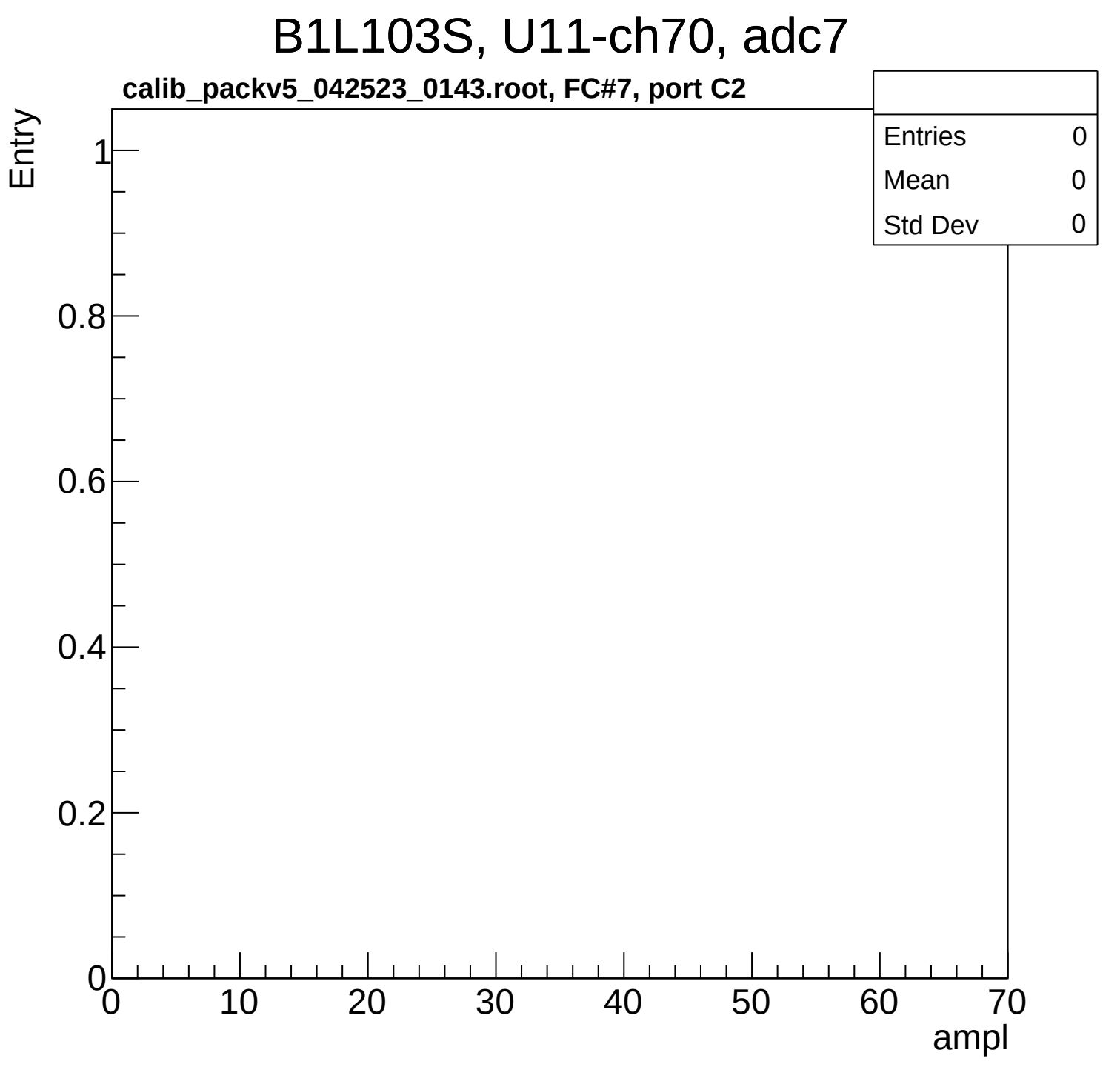
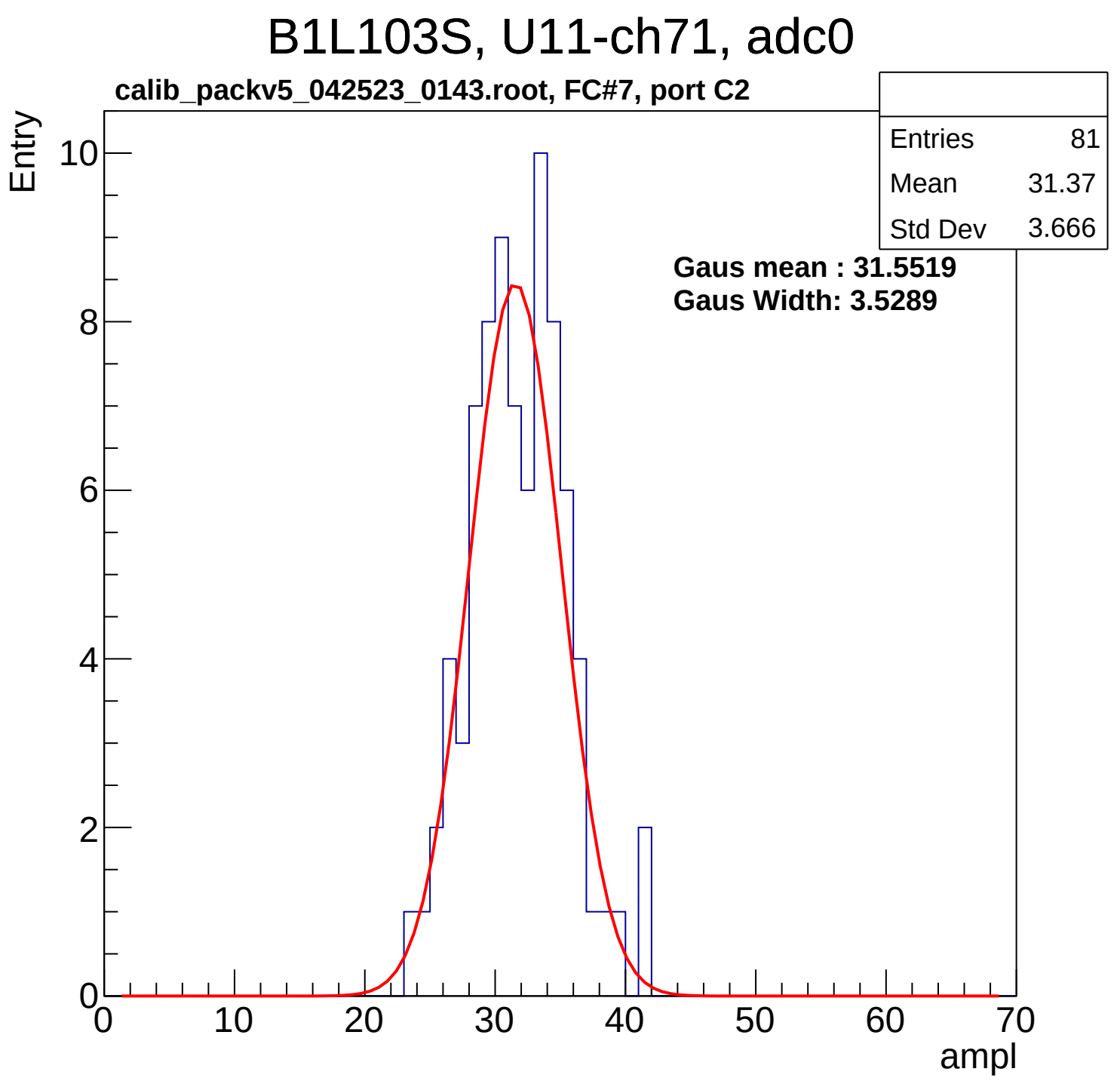
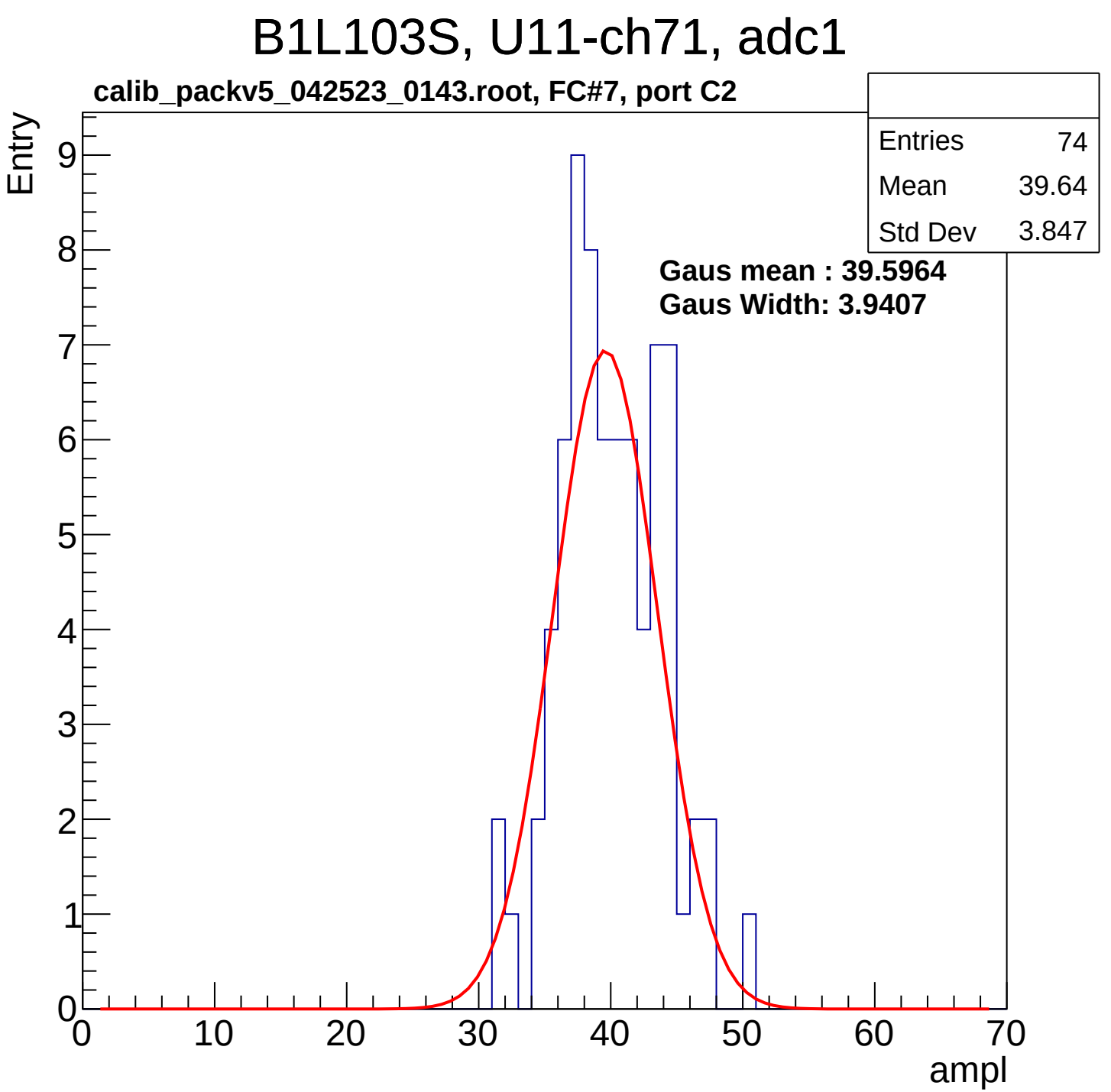

B1L103S, U11-ch70, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 61.6
Std Dev 0.8
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L103S, U11-ch70, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch71, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 81
Mean 31.37
Std Dev 3.666
Gaus mean : 31.5519
Gaus Width: 3.5289
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch71, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 39.64
Std Dev 3.847
Gaus mean : 39.5964
Gaus Width: 3.9407
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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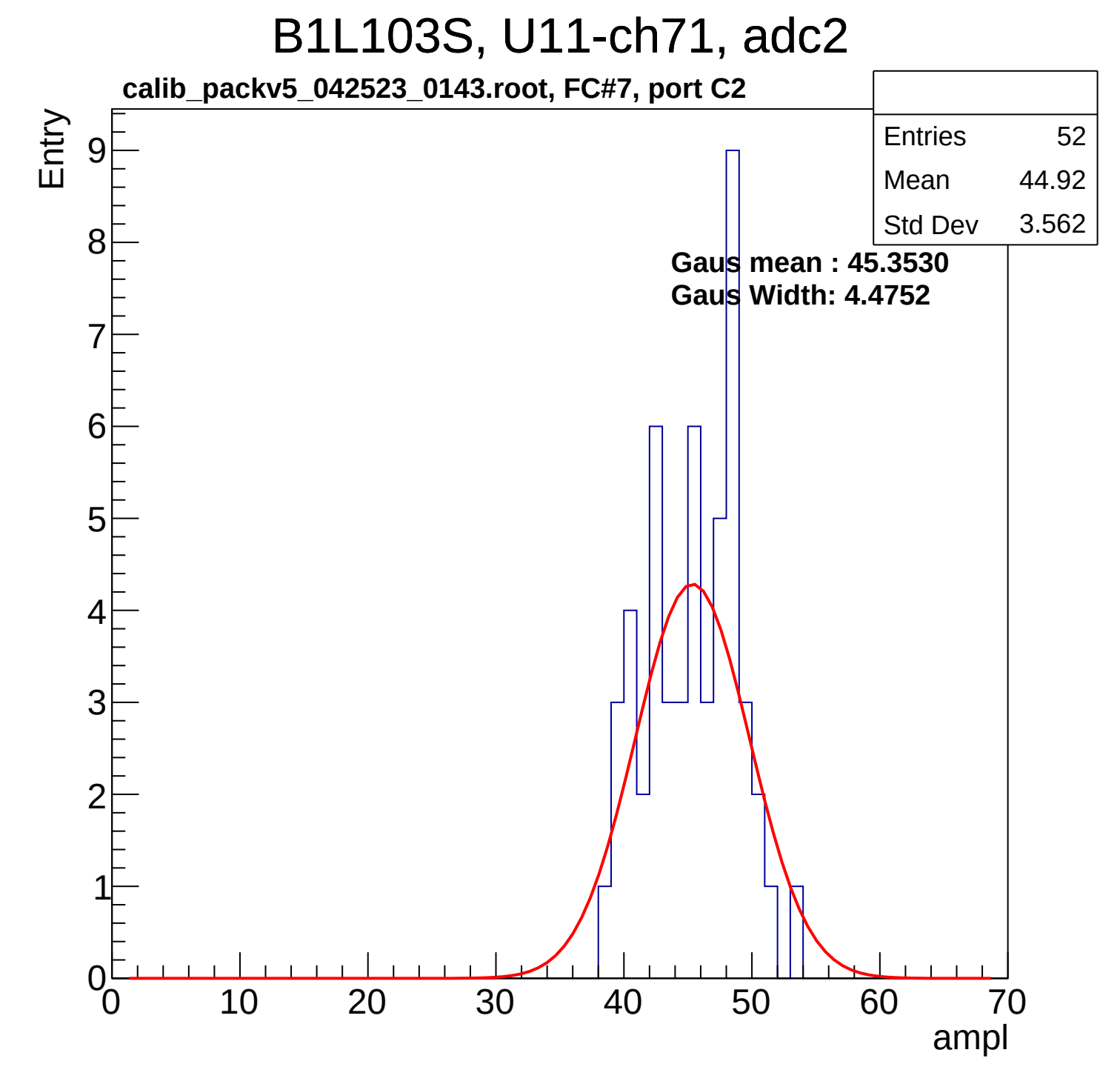
60
70


B1L103S, U11-ch71, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 52
Mean 44.92
Std Dev 3.562
Gaus mean : 45.3530
Gaus Width: 4.4752
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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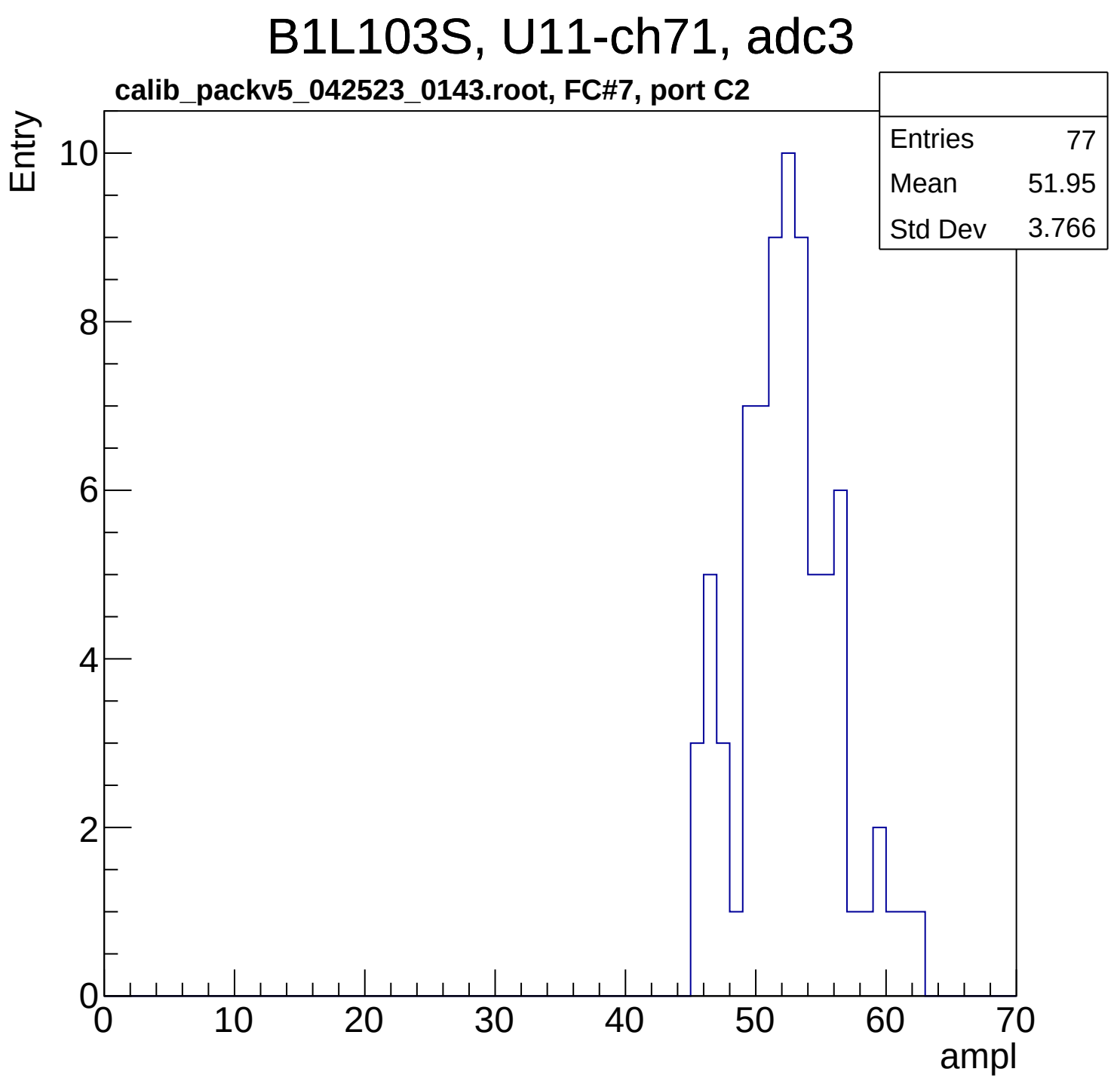
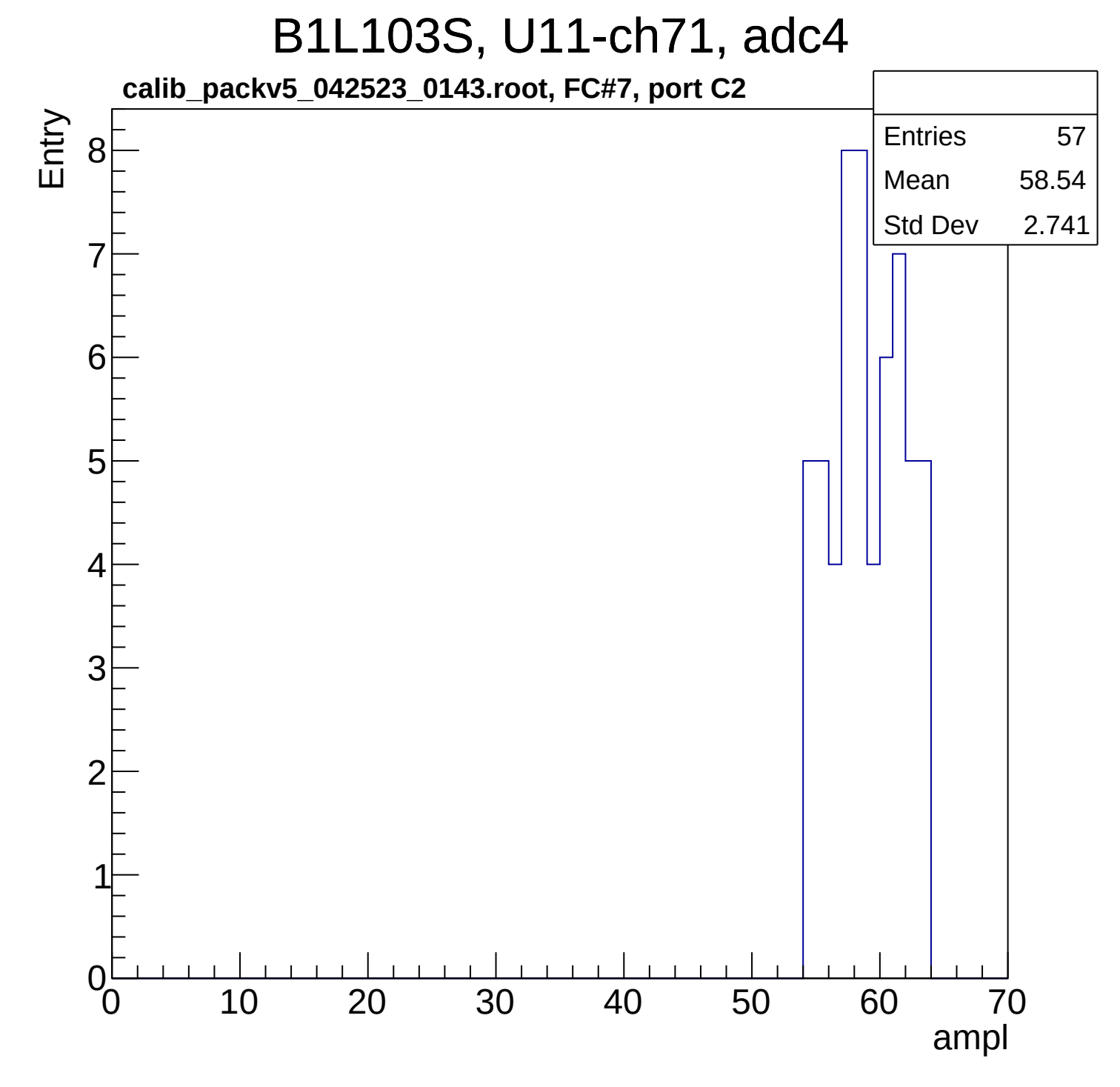
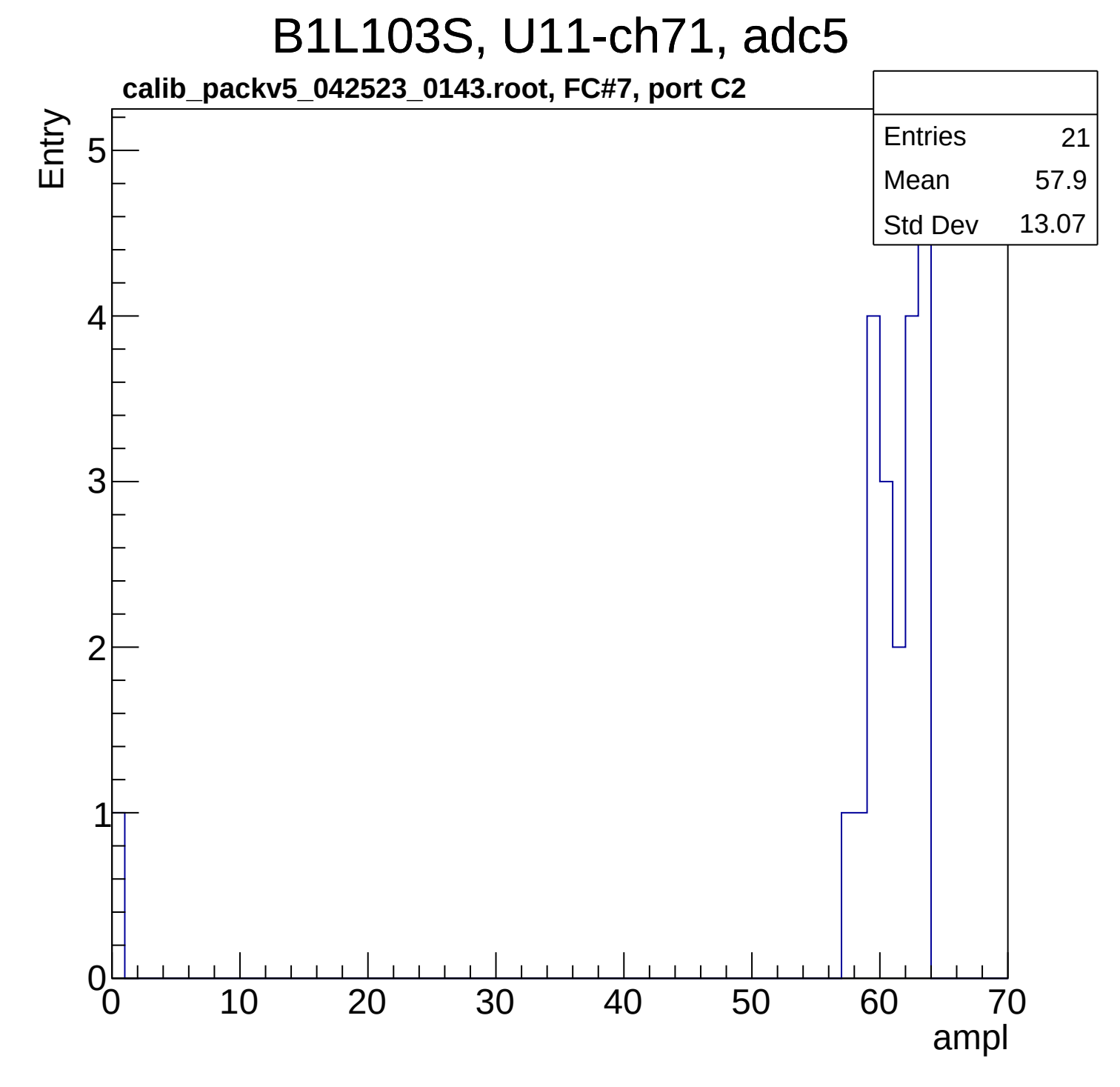
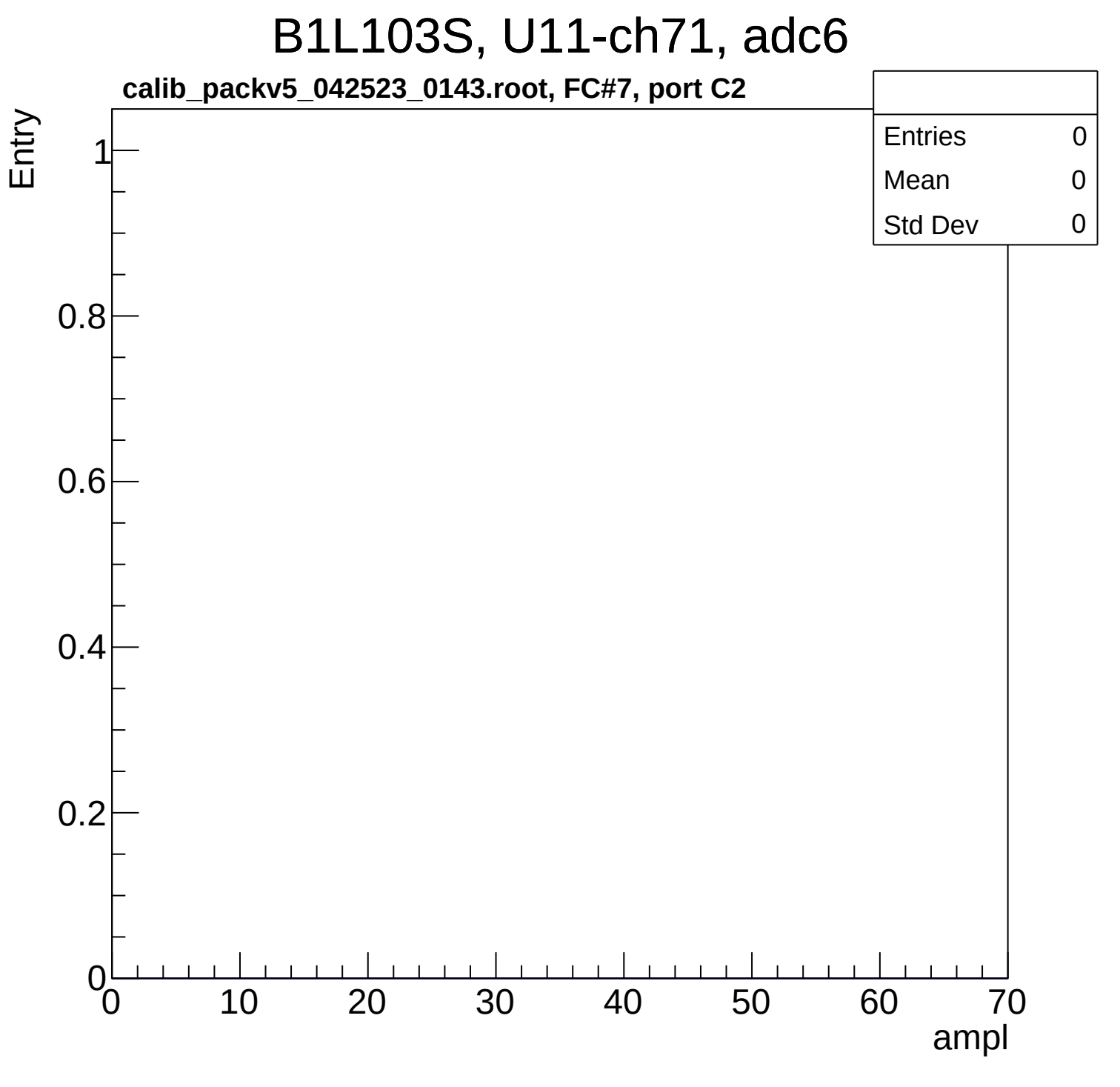
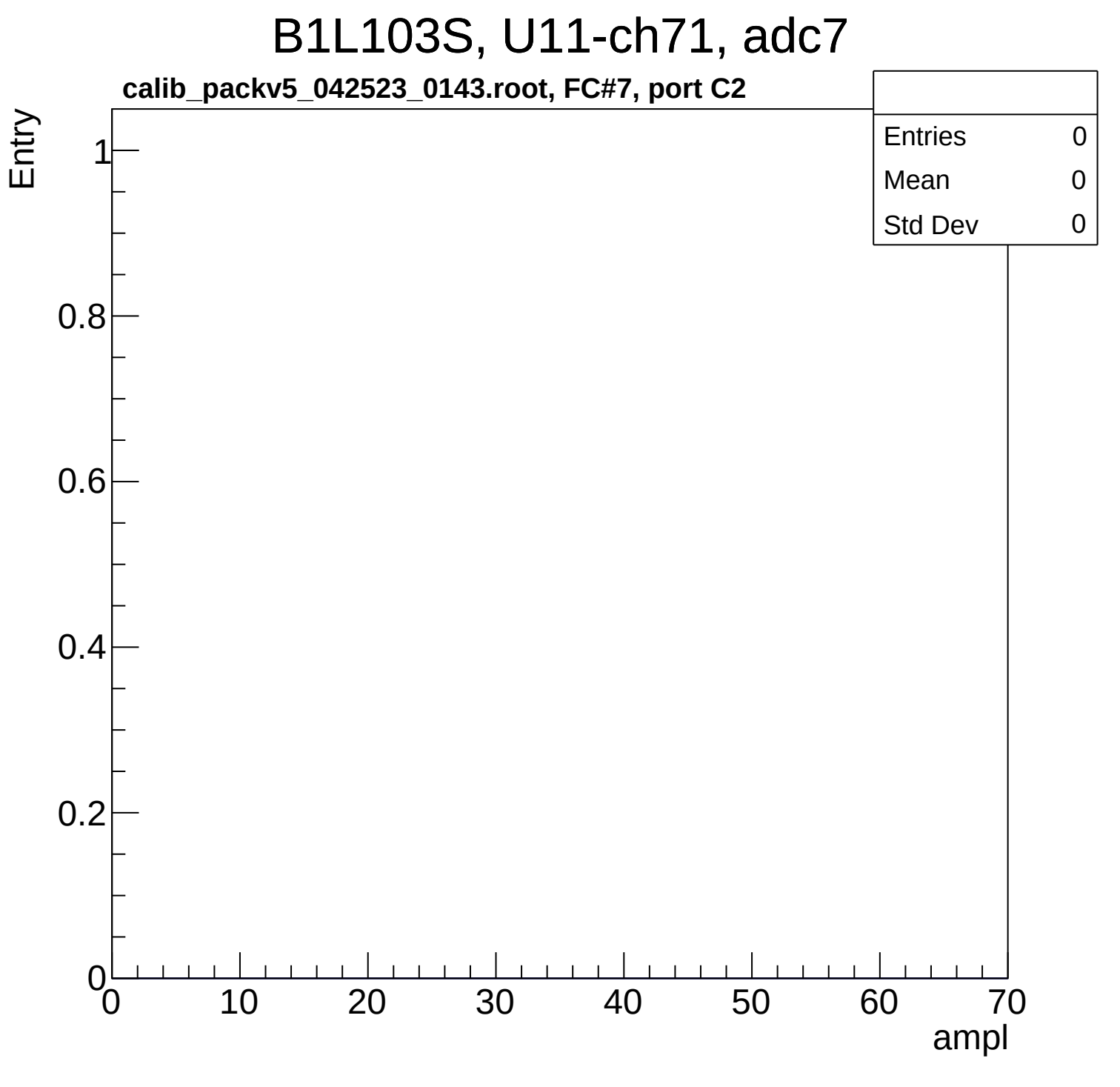
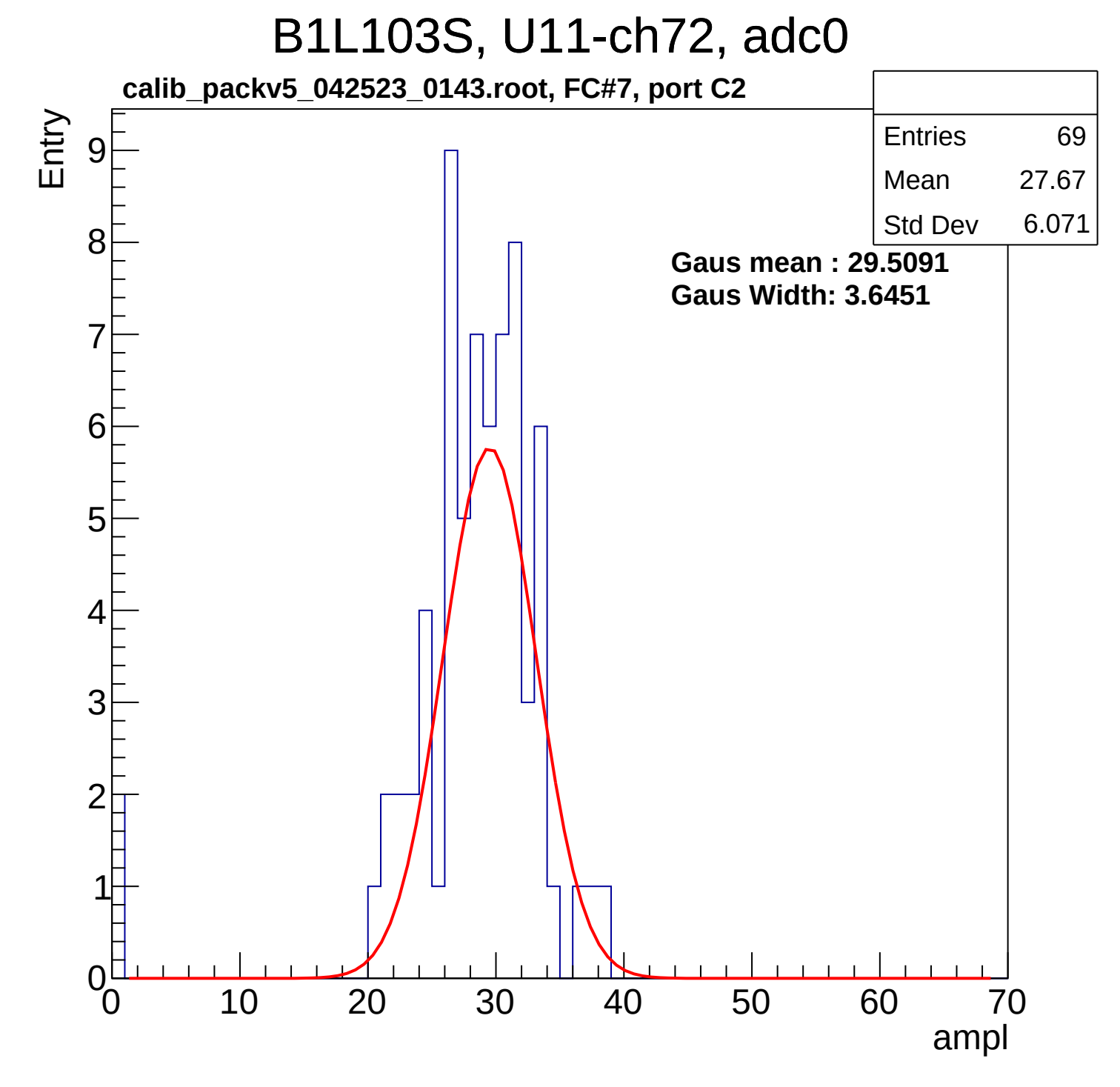

B1L103S, U11-ch71, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 77
Mean 51.95
Std Dev 3.766
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch71, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 58.54
Std Dev 2.741
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch71, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 21
Mean 57.9
Std Dev 13.07
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch71, adc6
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch71, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch72, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 27.67
Std Dev 6.071
Gaus mean : 29.5091
Gaus Width: 3.6451
Entry
ampl
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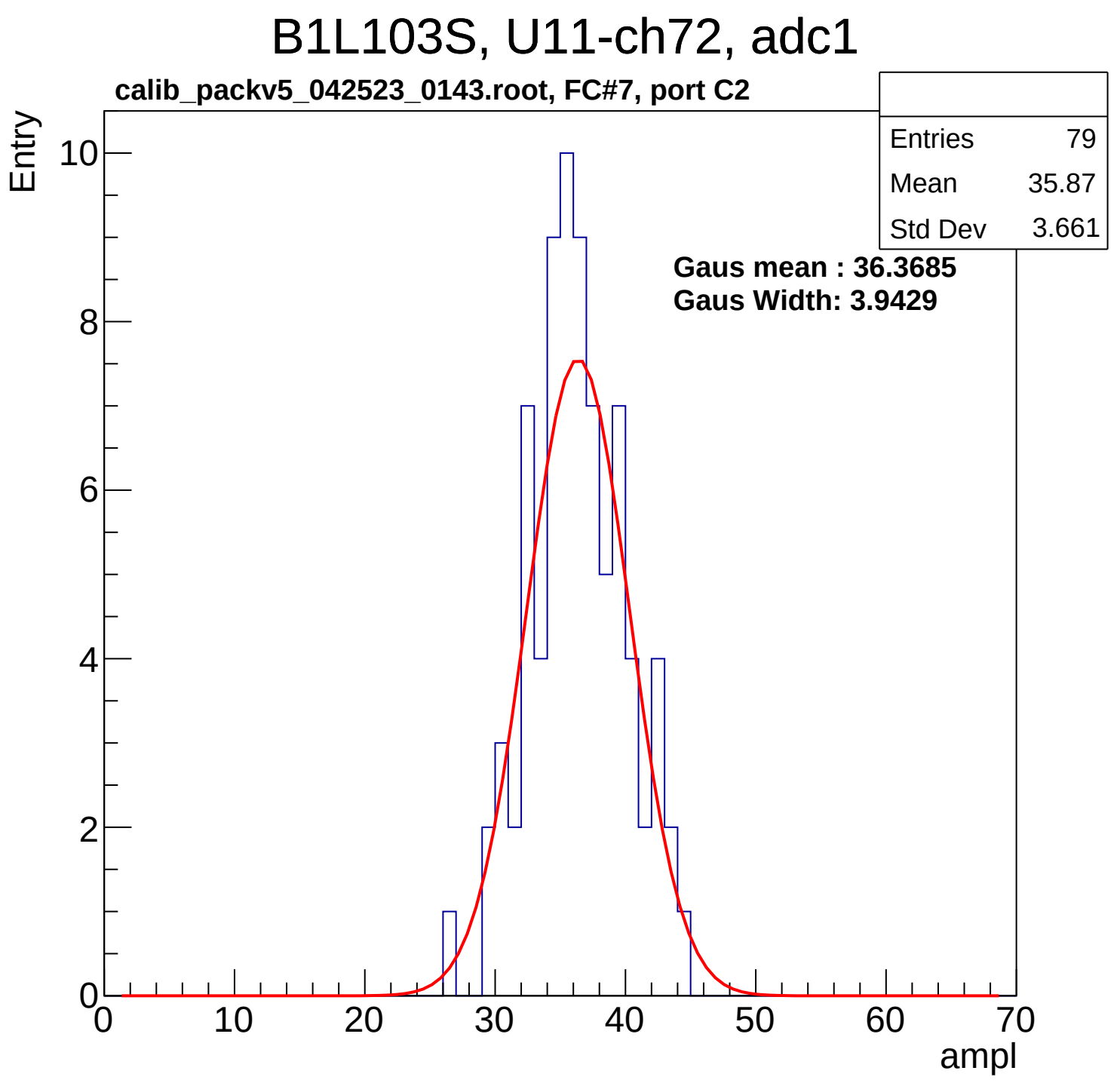
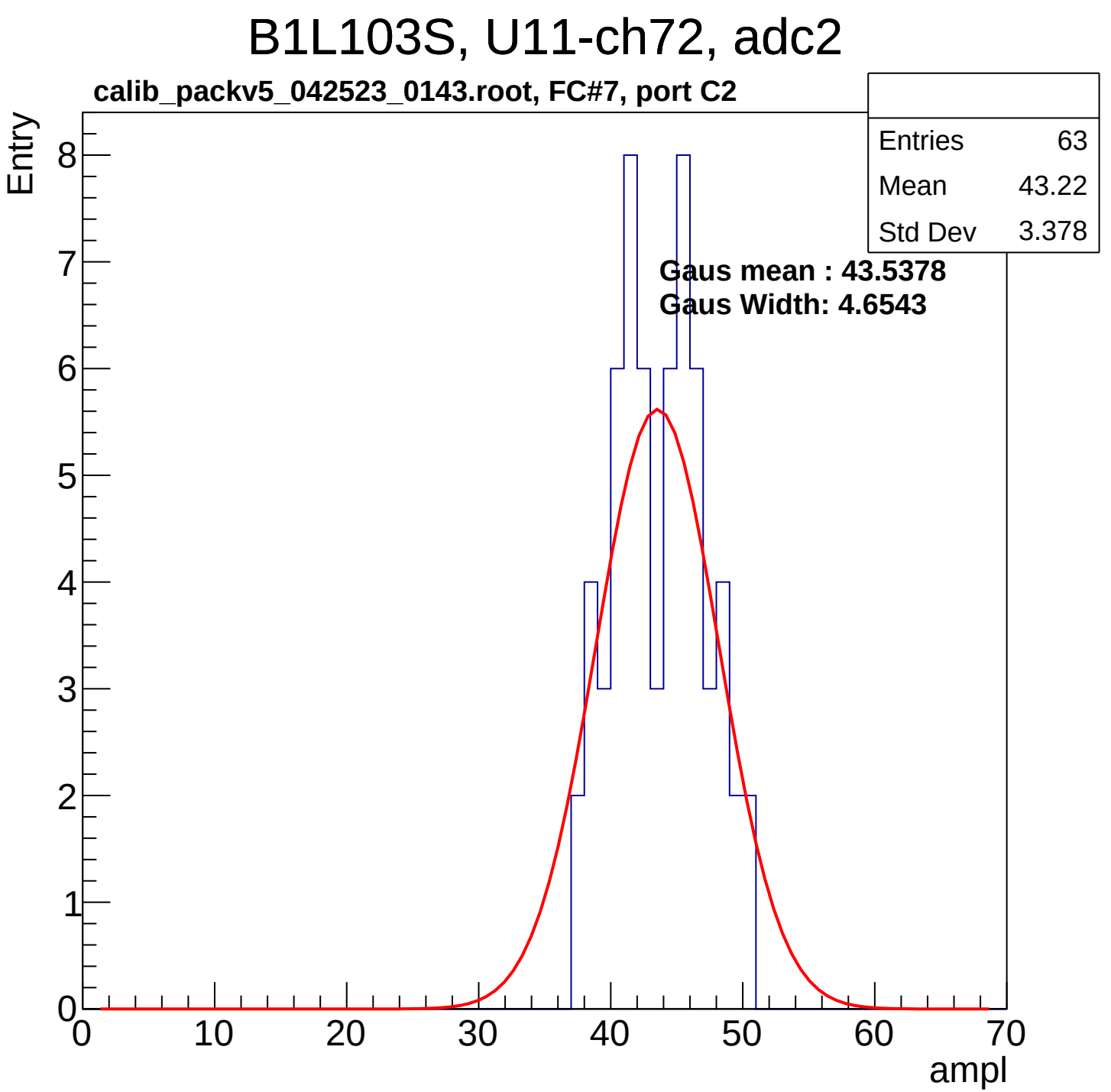
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch72, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 79
Mean 35.87
Std Dev 3.661
Gaus mean : 36.3685
Gaus Width: 3.9429
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch72, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 43.22
Std Dev 3.378
Gaus mean : 43.5378
Gaus Width: 4.6543
Entry
ampl
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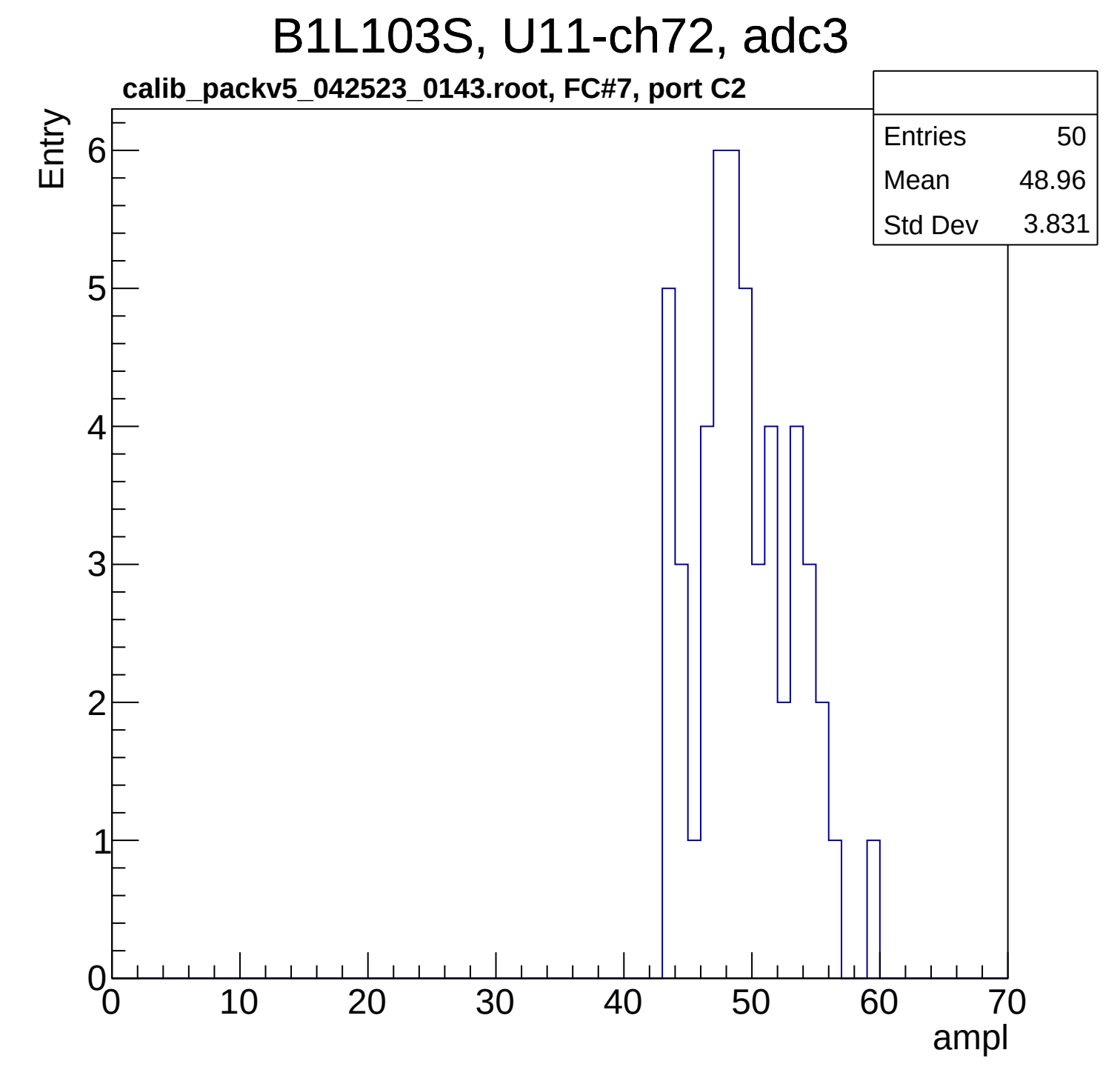
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch72, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 50
Mean 48.96
Std Dev 3.831
Entry
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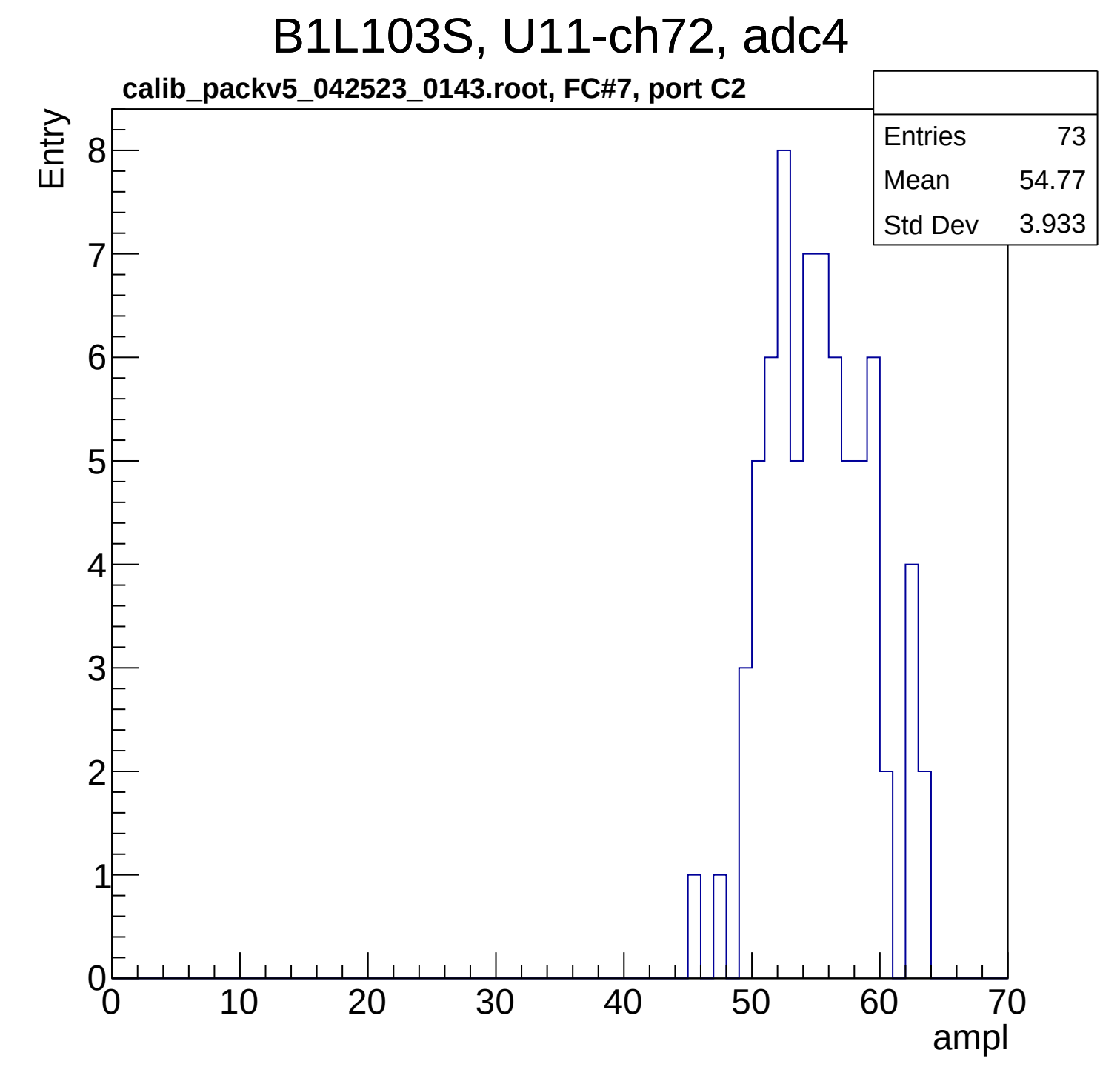
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch72, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 54.77
Std Dev 3.933
Entry
ampl
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2
3
4
5
6
7
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0
10
20
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40
50
60
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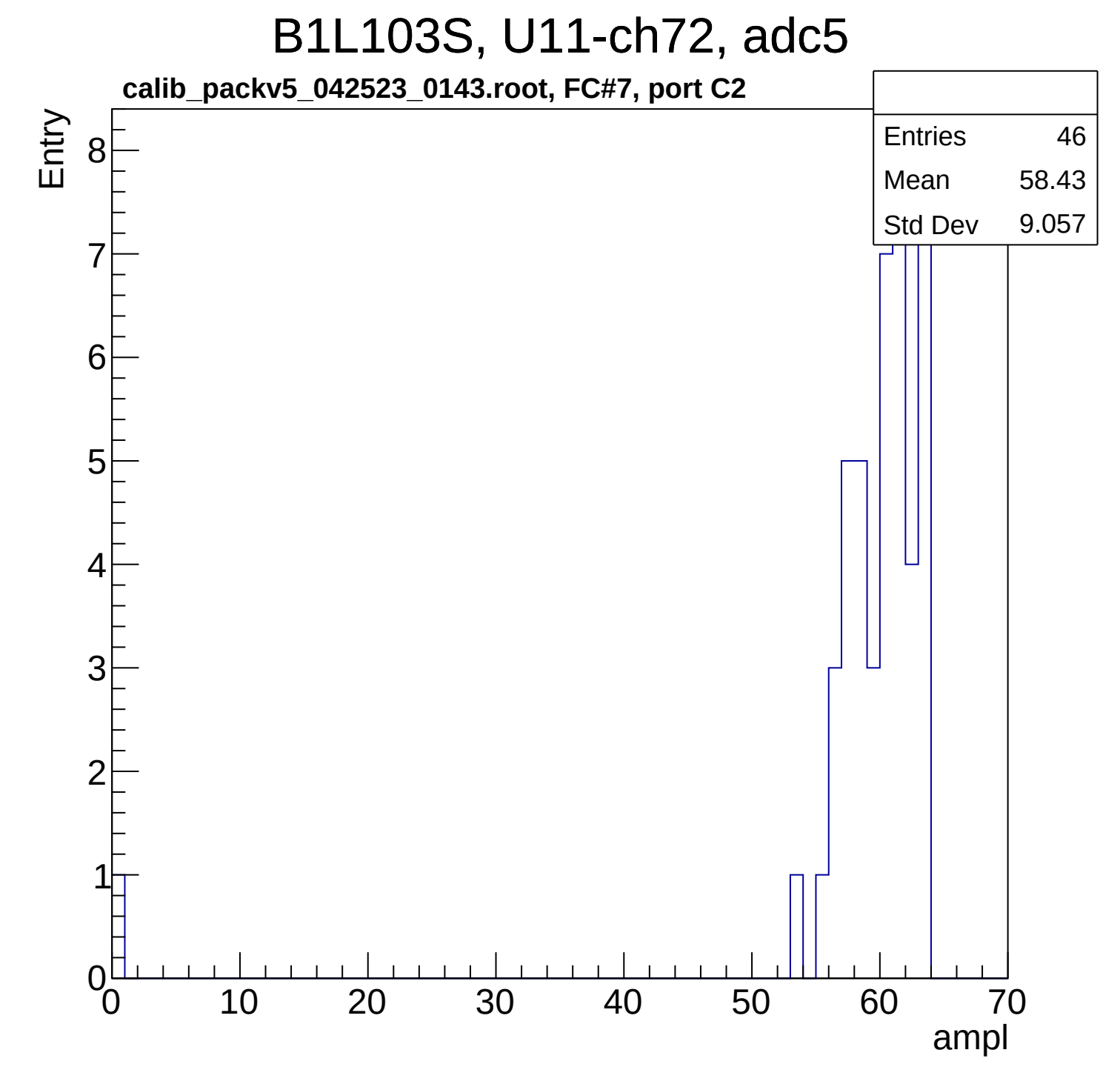
B1L103S, U11-ch72, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 46
Mean 58.43
Std Dev 9.057
Entry
ampl
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2
3
4
5
6
7
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0
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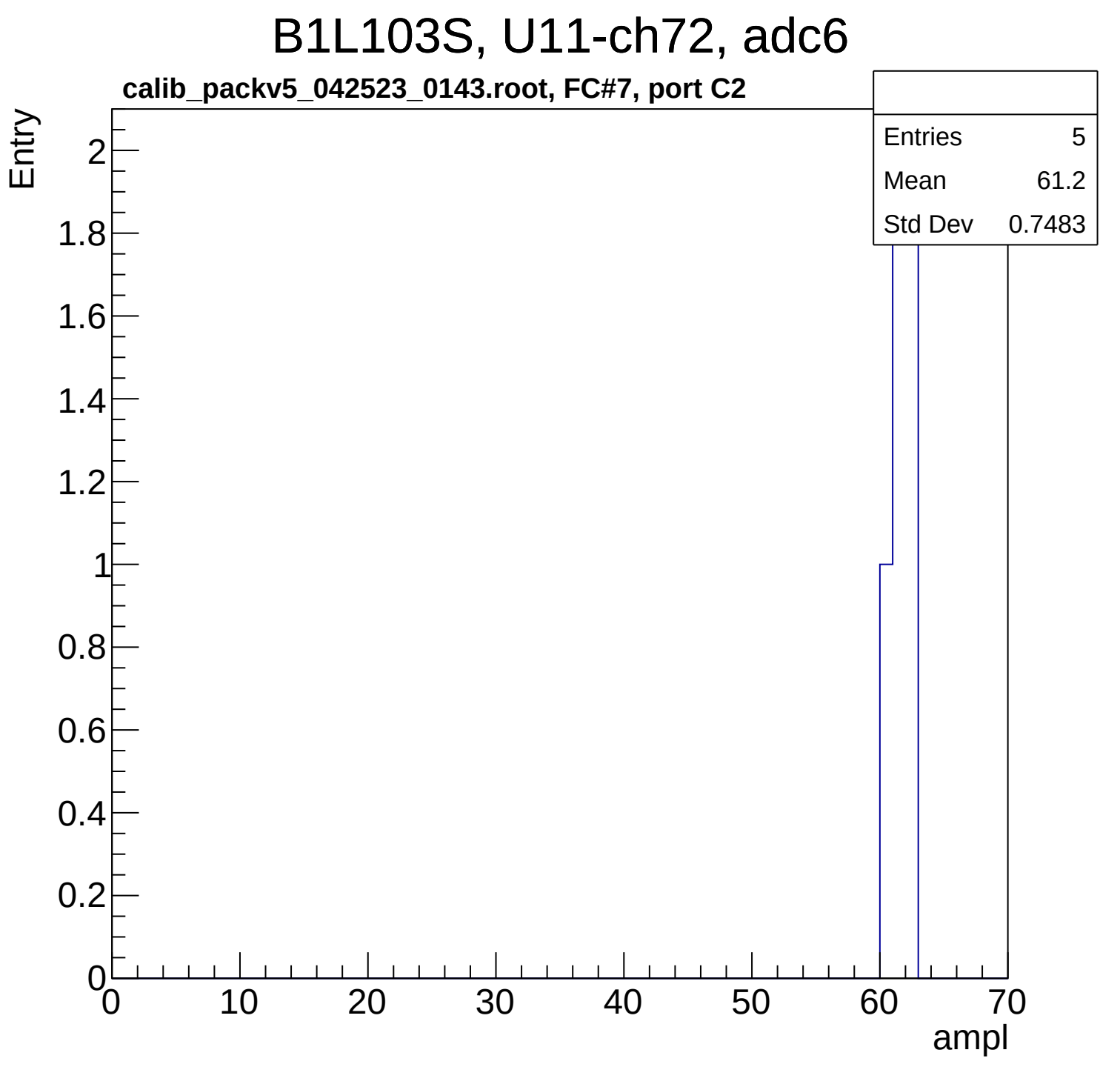
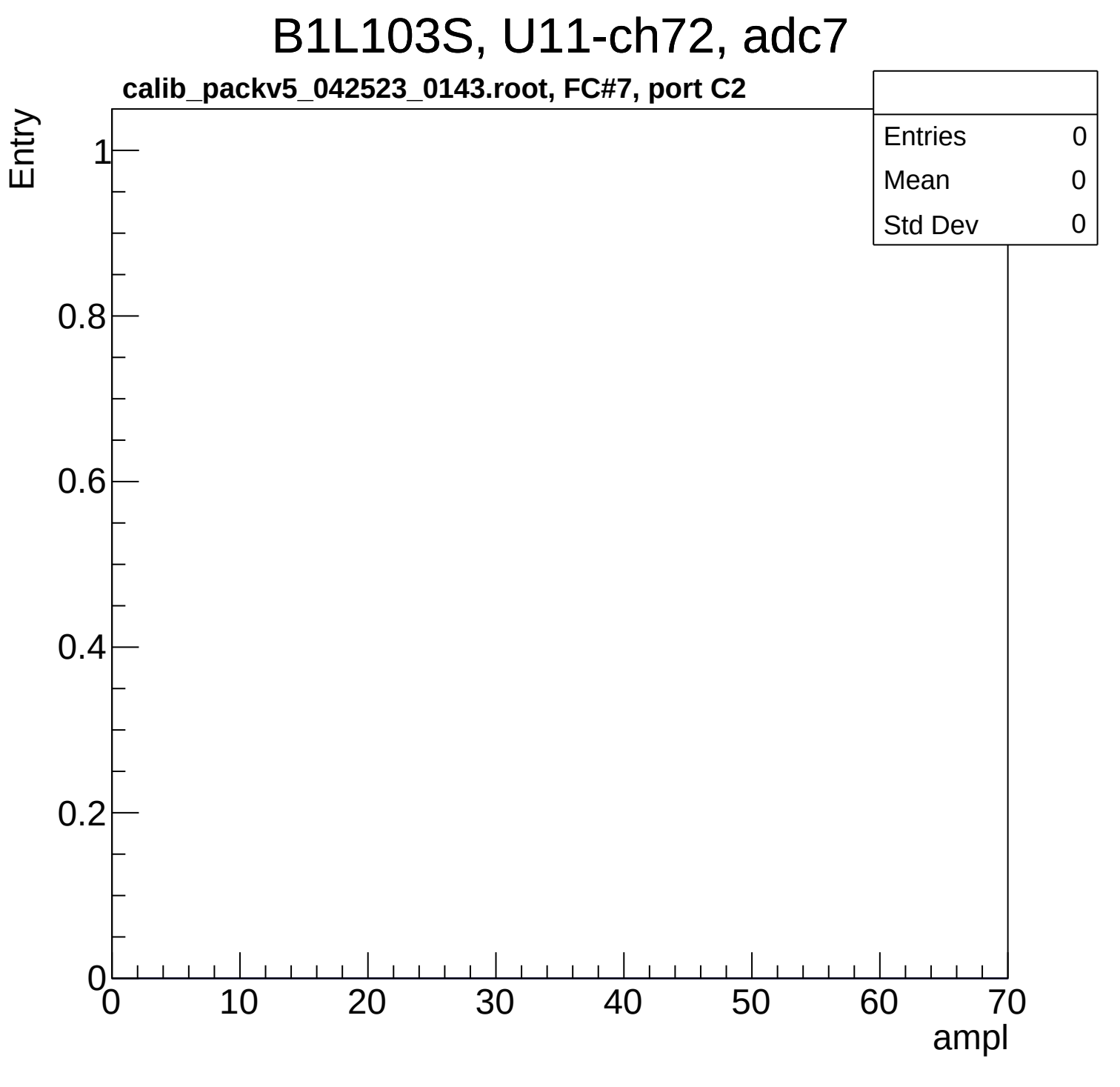

B1L103S, U11-ch72, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 61.2
Std Dev 0.7483
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L103S, U11-ch72, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
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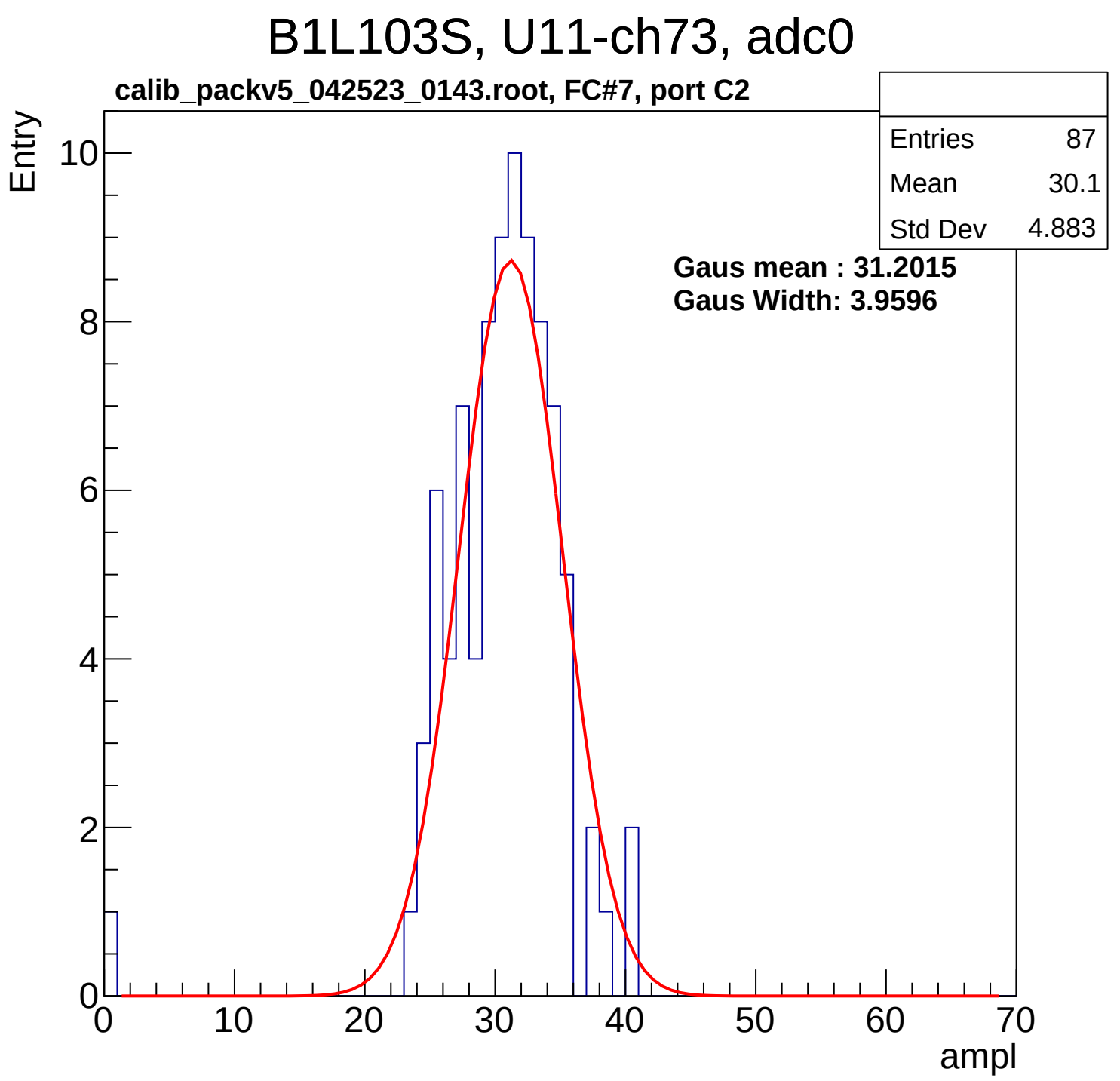
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch73, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 87
Mean 30.1
Std Dev 4.883
Gaus mean : 31.2015
Gaus Width: 3.9596
Entry
ampl
0
2
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6
8
10
0
10
20
30
40
50
60
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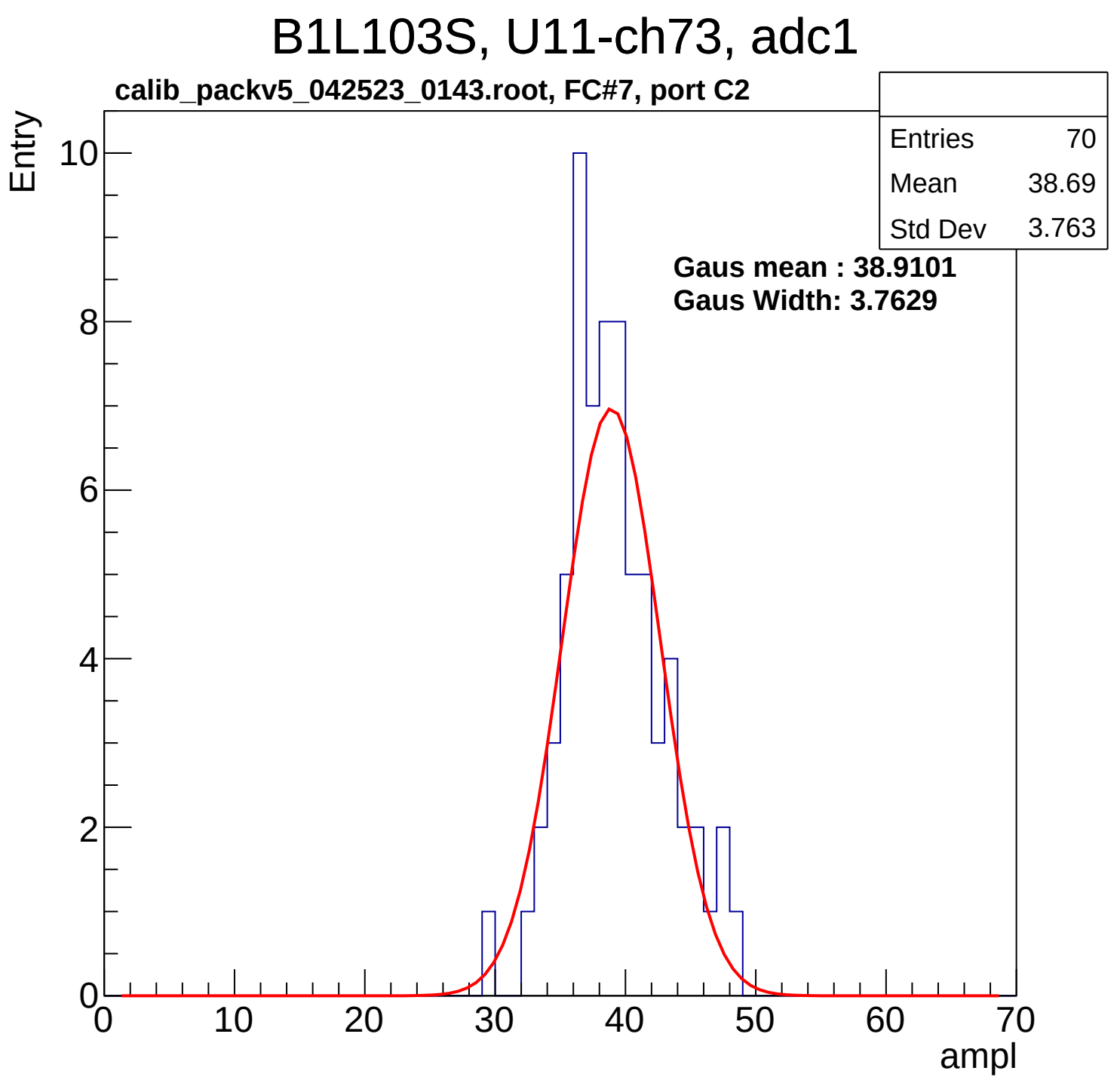
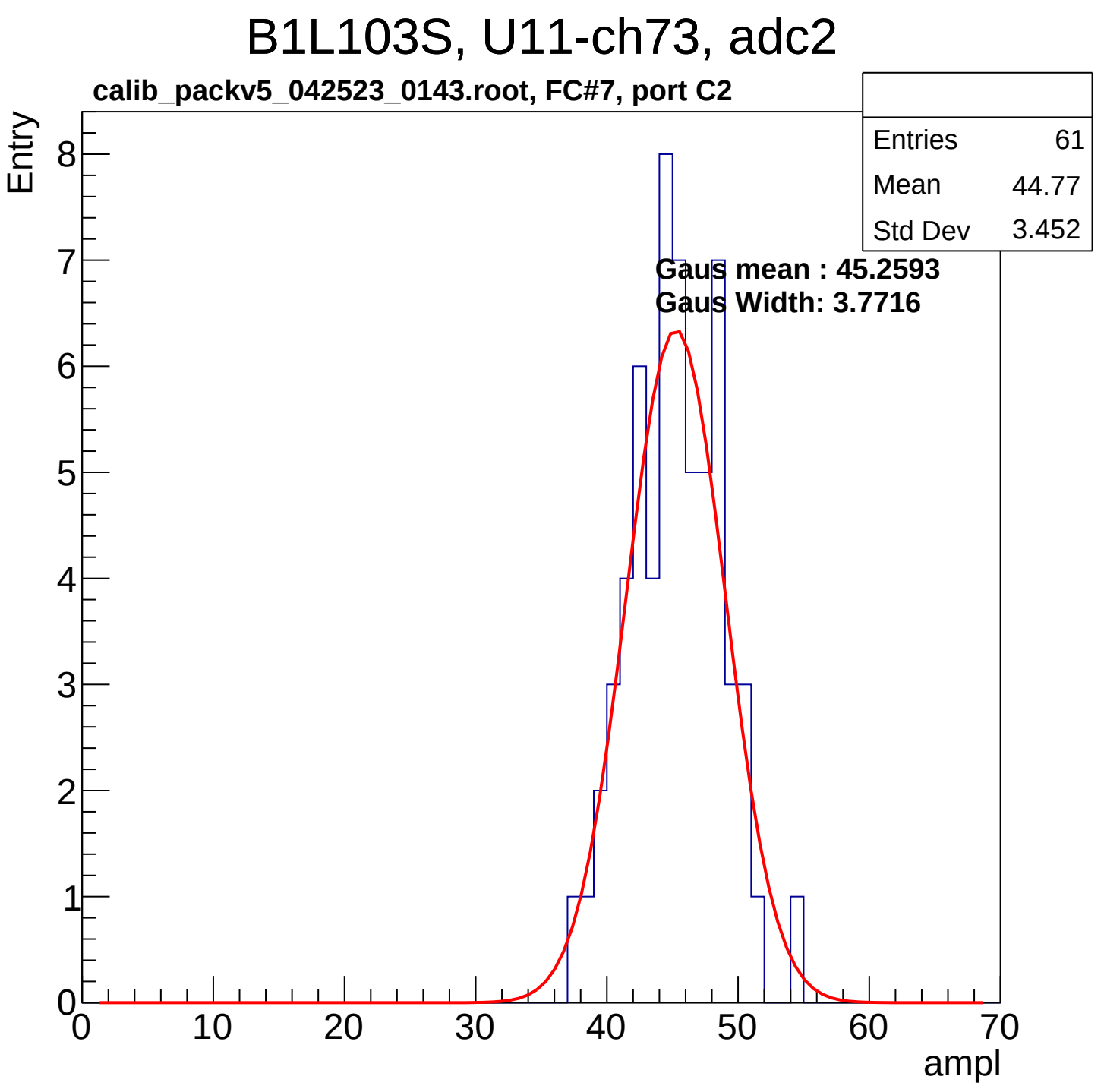

B1L103S, U11-ch73, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 38.69
Std Dev 3.763
Gaus mean : 38.9101
Gaus Width: 3.7629
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch73, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 44.77
Std Dev 3.452
Gaus mean : 45.2593
Gaus Width: 3.7716
Entry
ampl
0
1
2
3
4
5
6
7
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0
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20
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60
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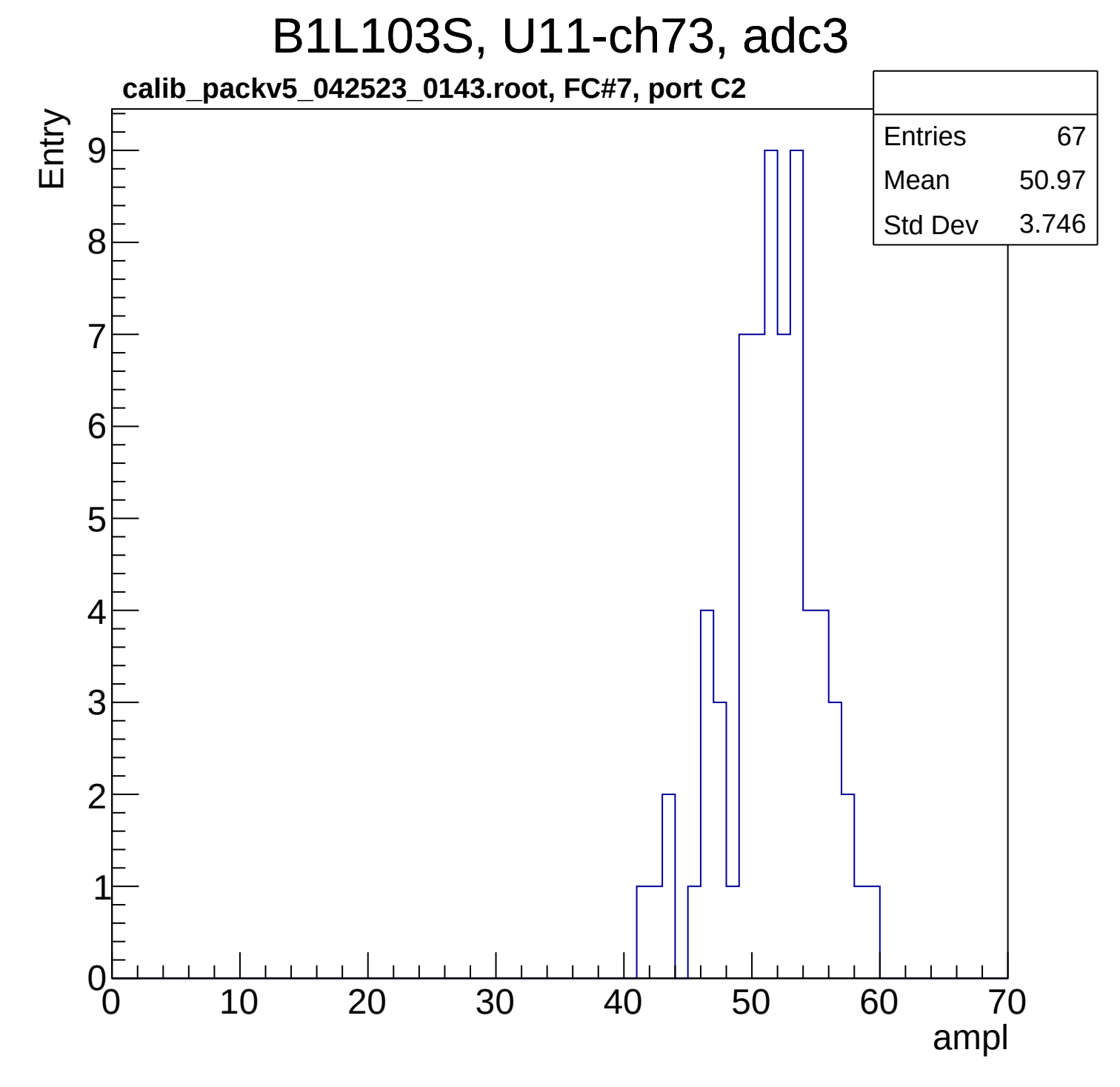
B1L103S, U11-ch73, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 50.97
Std Dev 3.746
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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60
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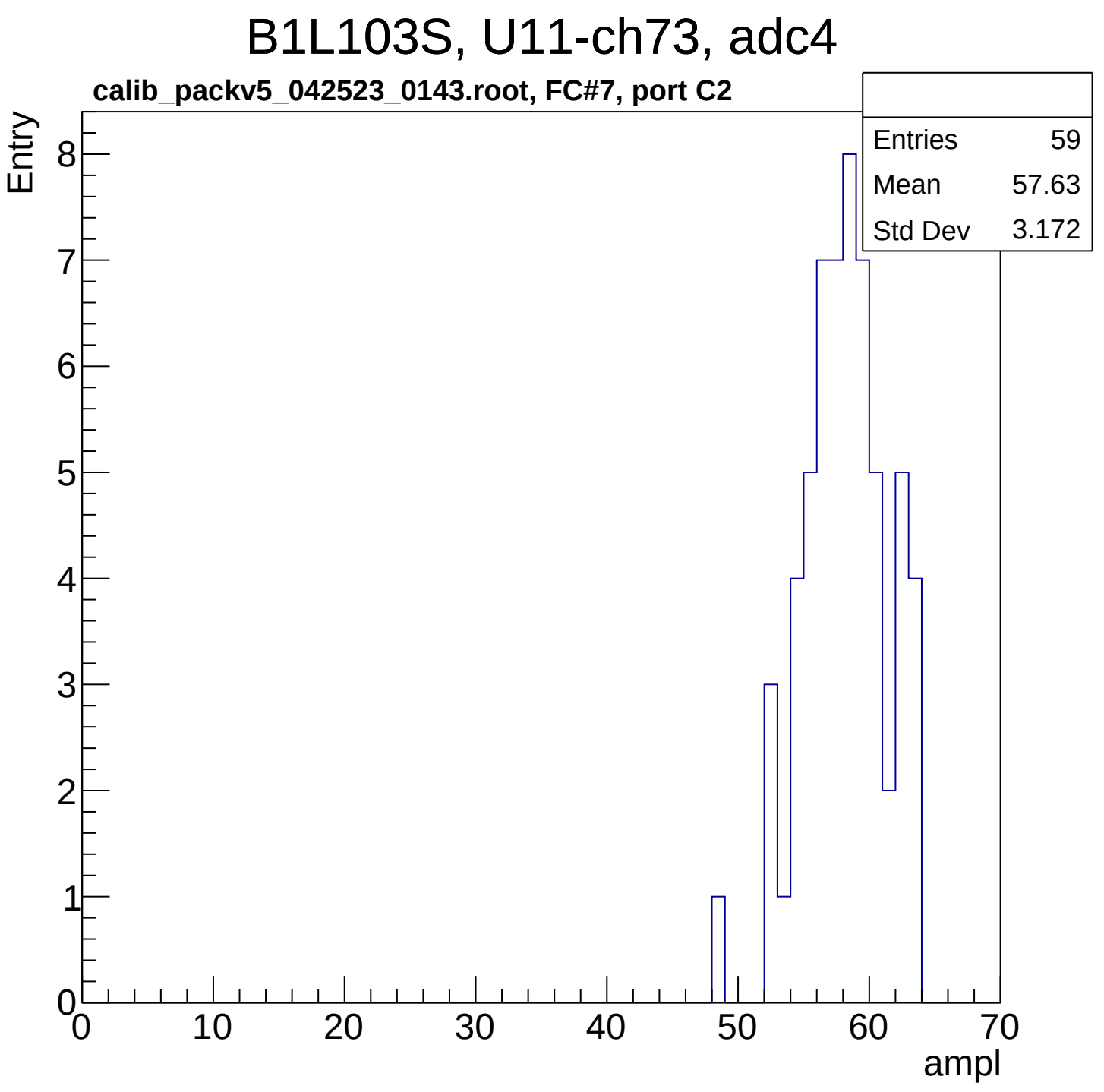
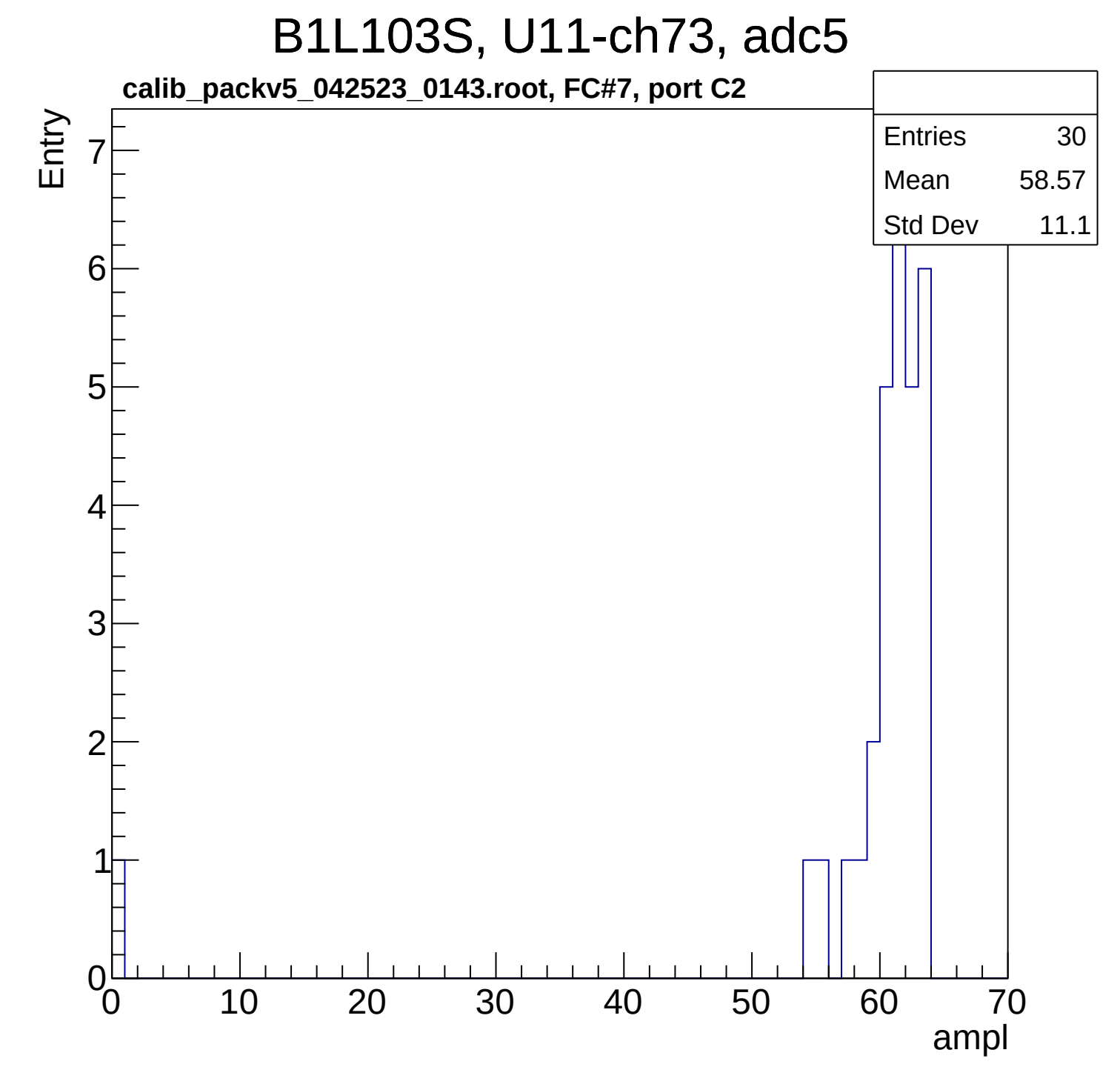
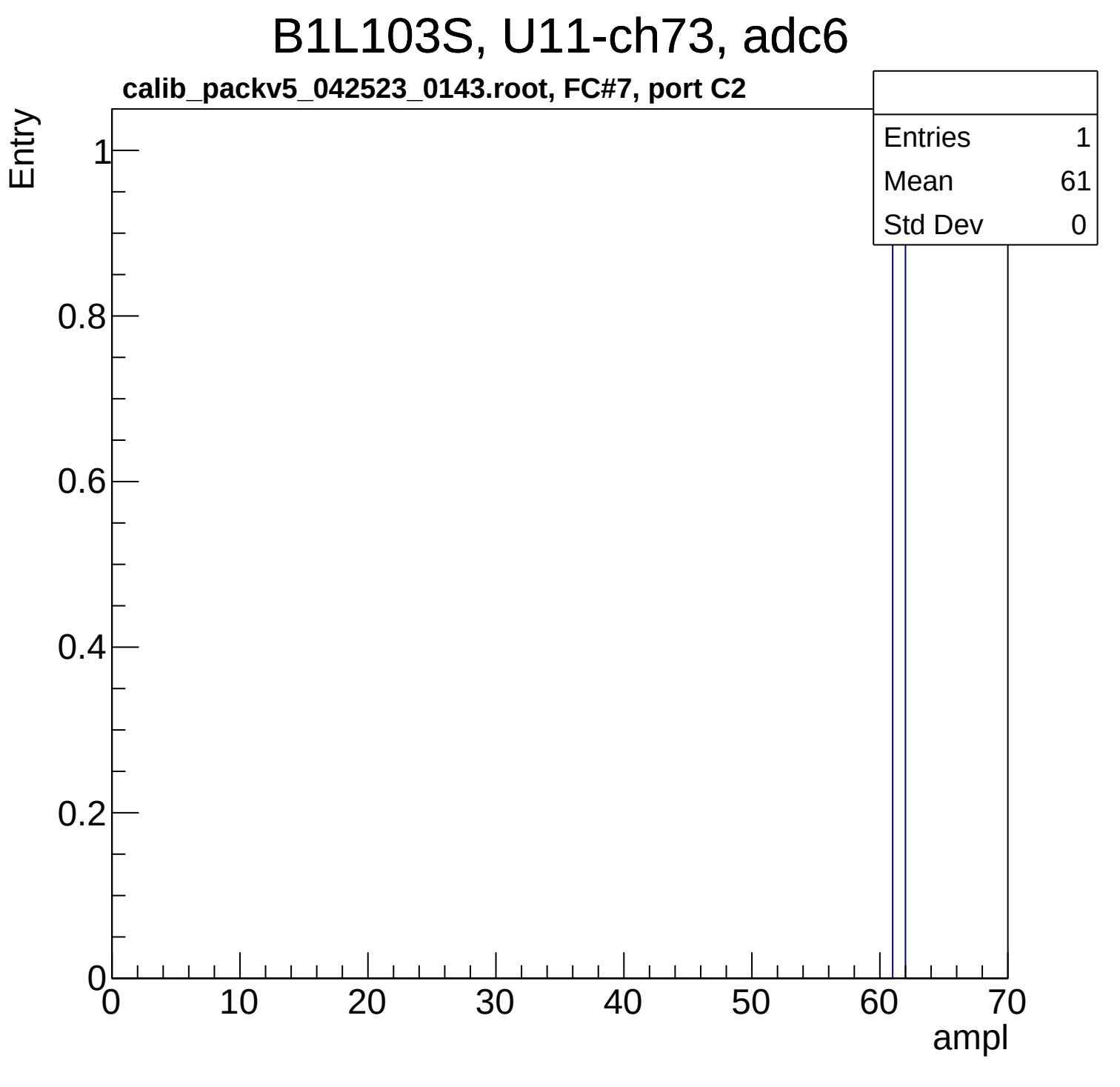
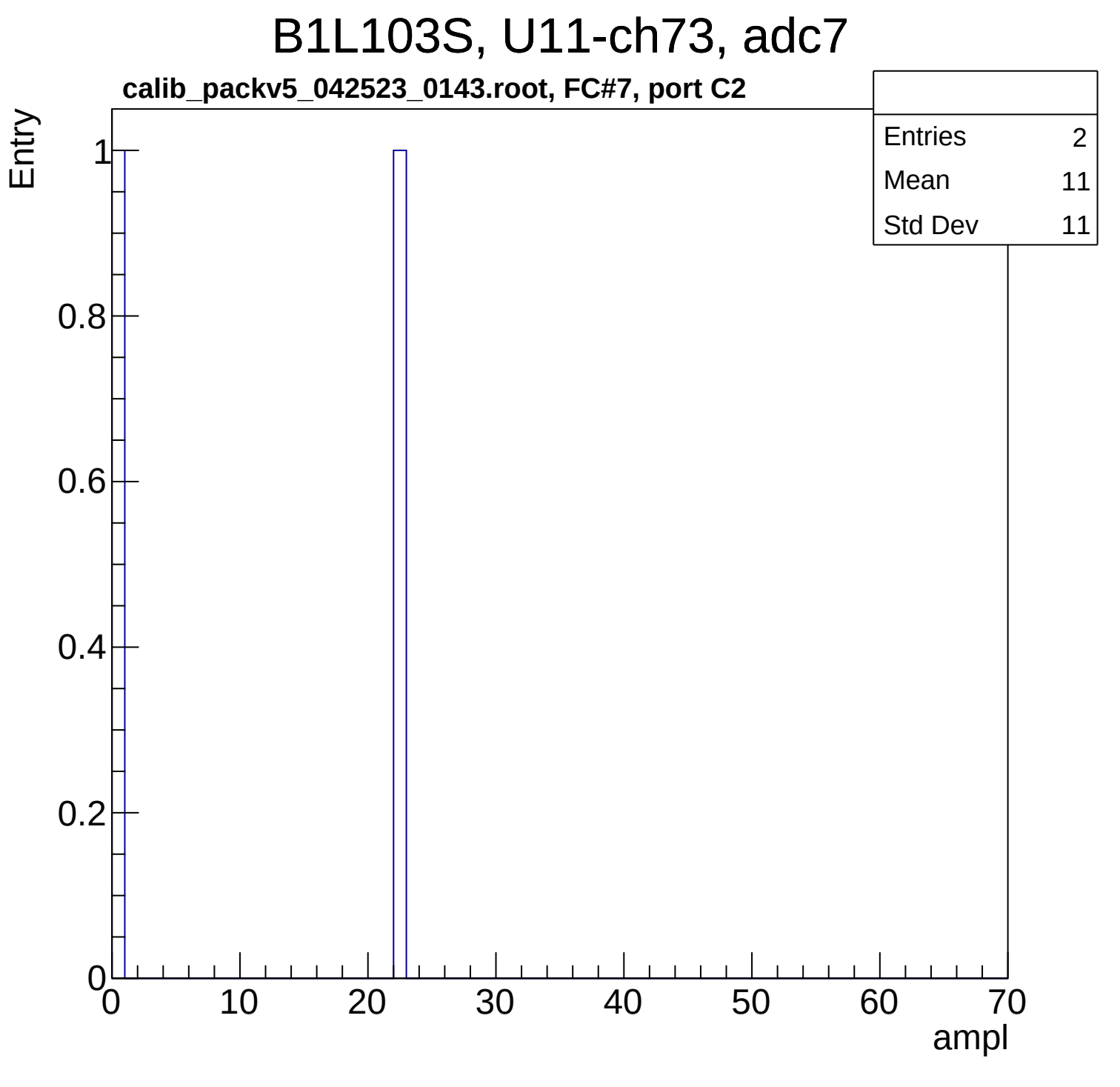

B1L103S, U11-ch73, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 57.63
Std Dev 3.172
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch73, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 30
Mean 58.57
Std Dev 11.1
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U11-ch73, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 61
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch73, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 11
Std Dev 11
Entry
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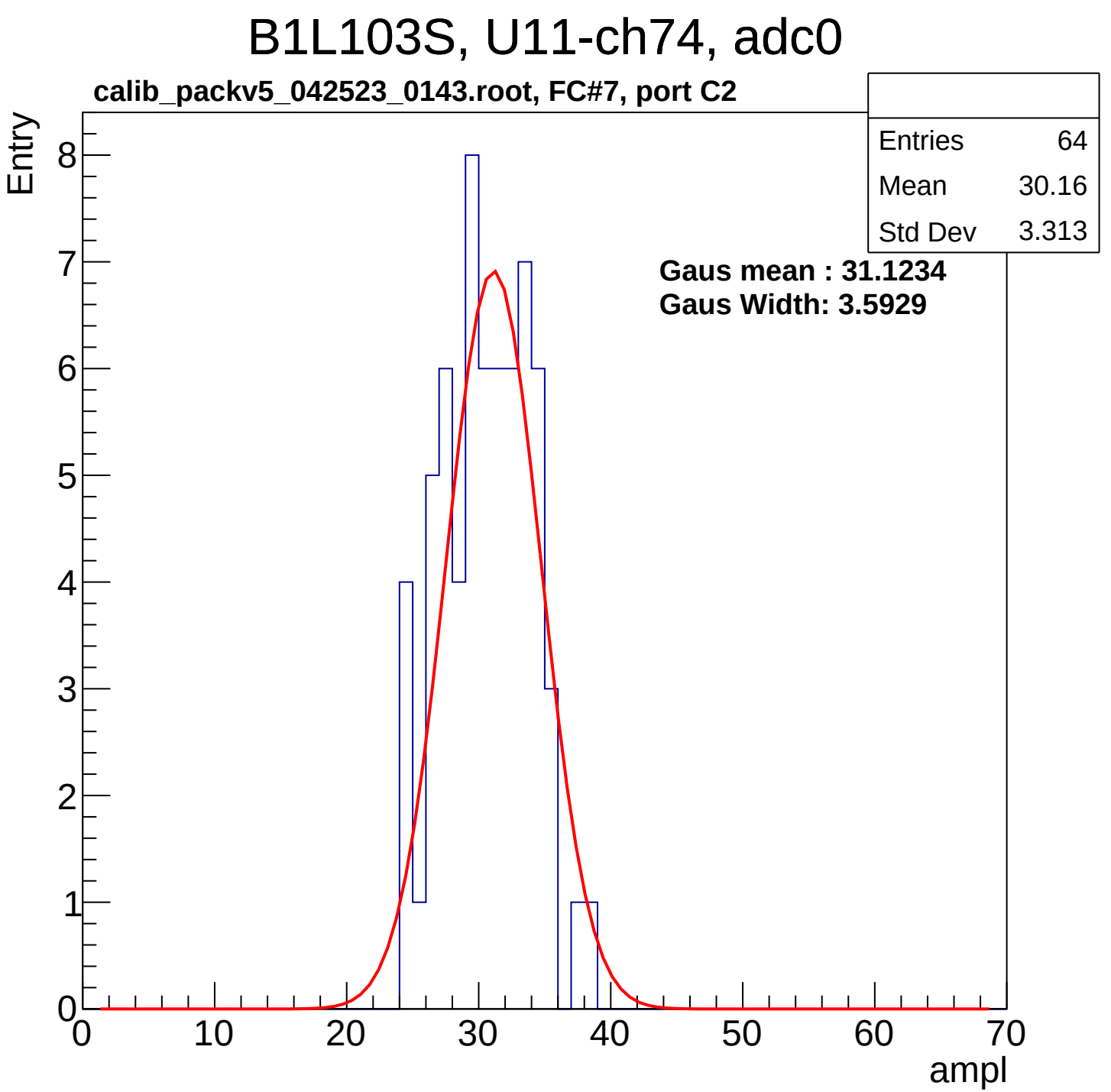
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch74, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 30.16
Std Dev 3.313
Gaus mean : 31.1234
Gaus Width: 3.5929
Entry
ampl
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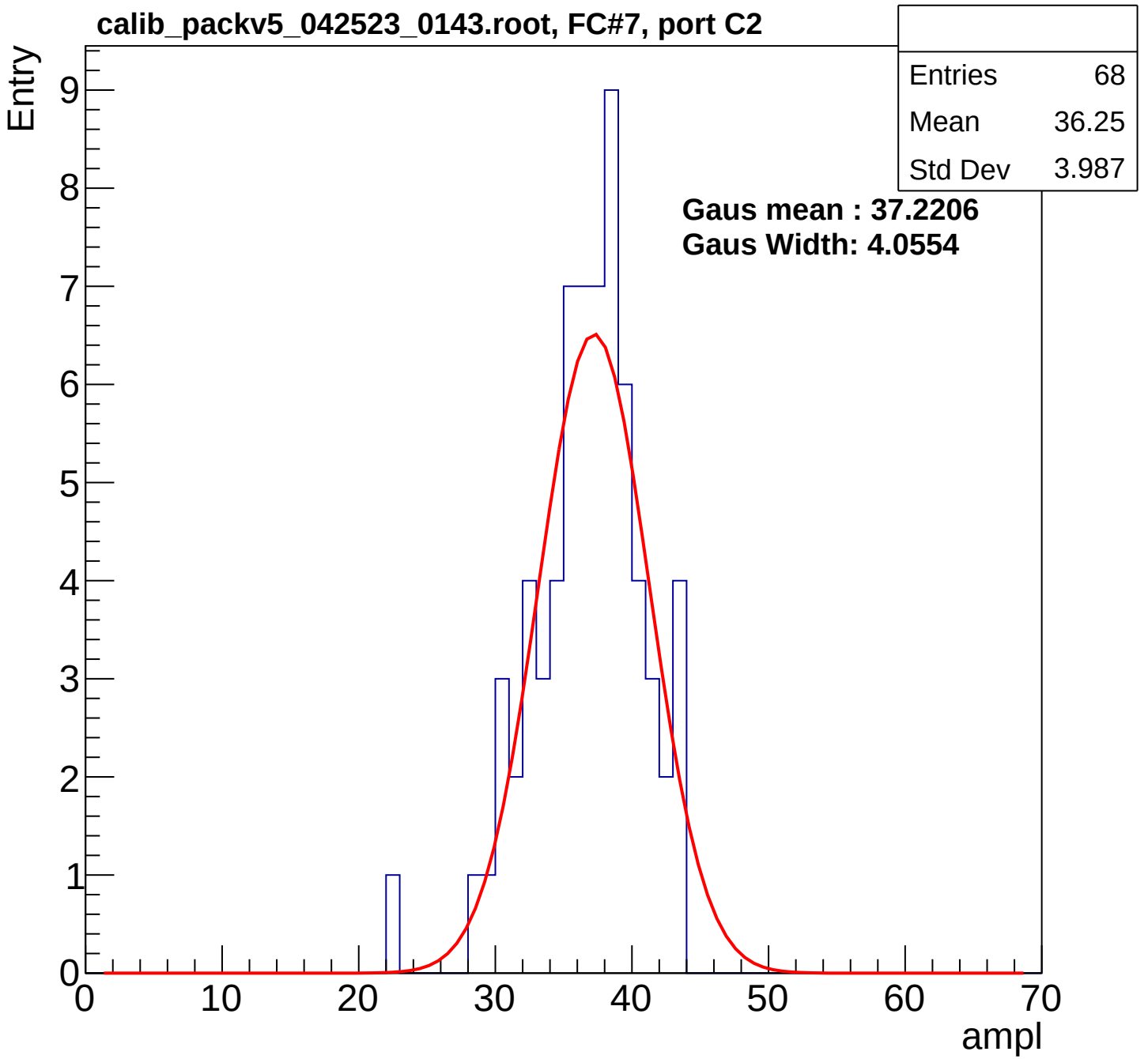
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch74, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 36.25
Std Dev 3.987
Gaus mean : 37.2206
Gaus Width: 4.0554
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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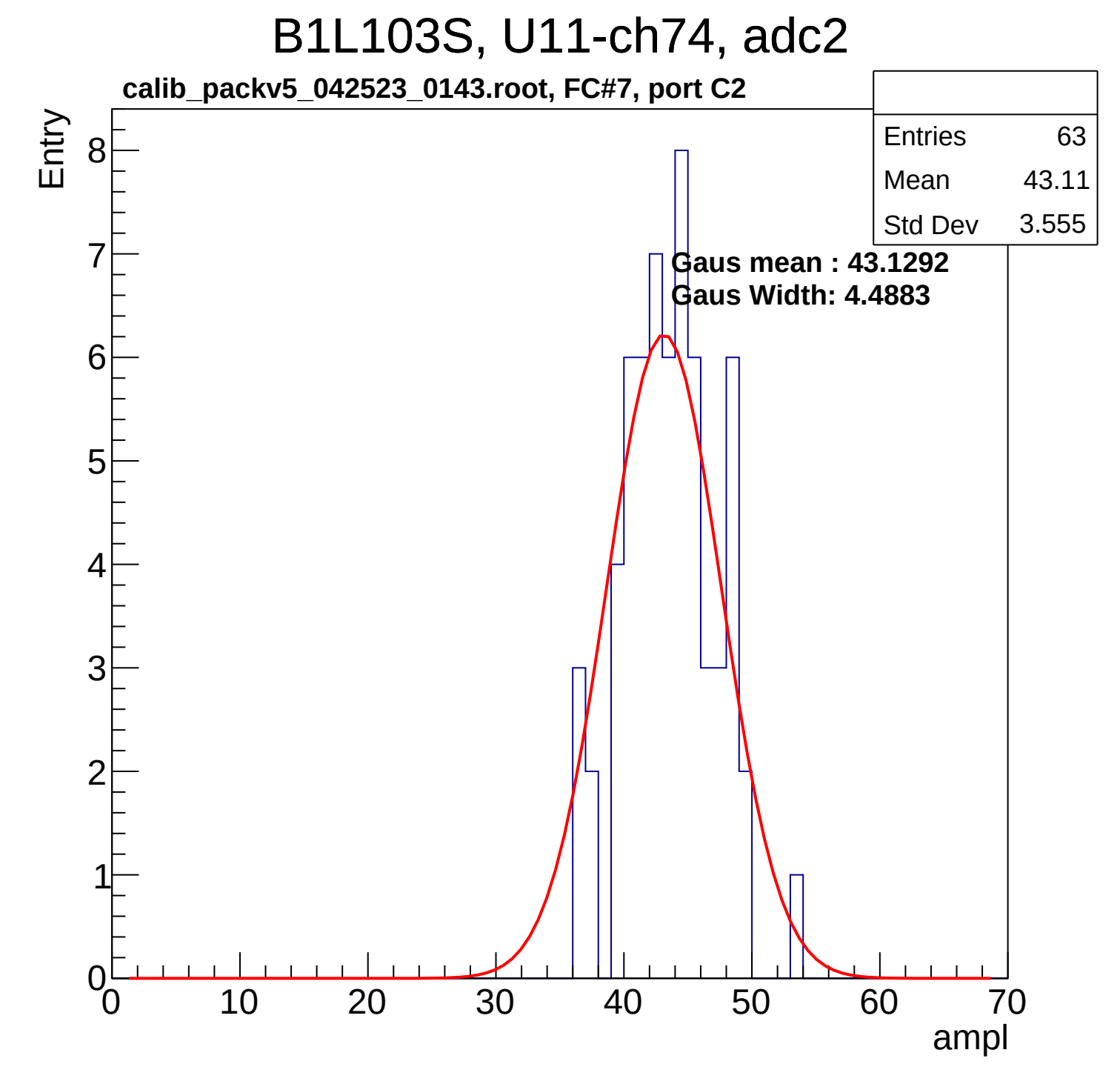
B1L103S, U11-ch74, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 43.11
Std Dev 3.555
Gaus mean : 43.1292
Gaus Width: 4.4883
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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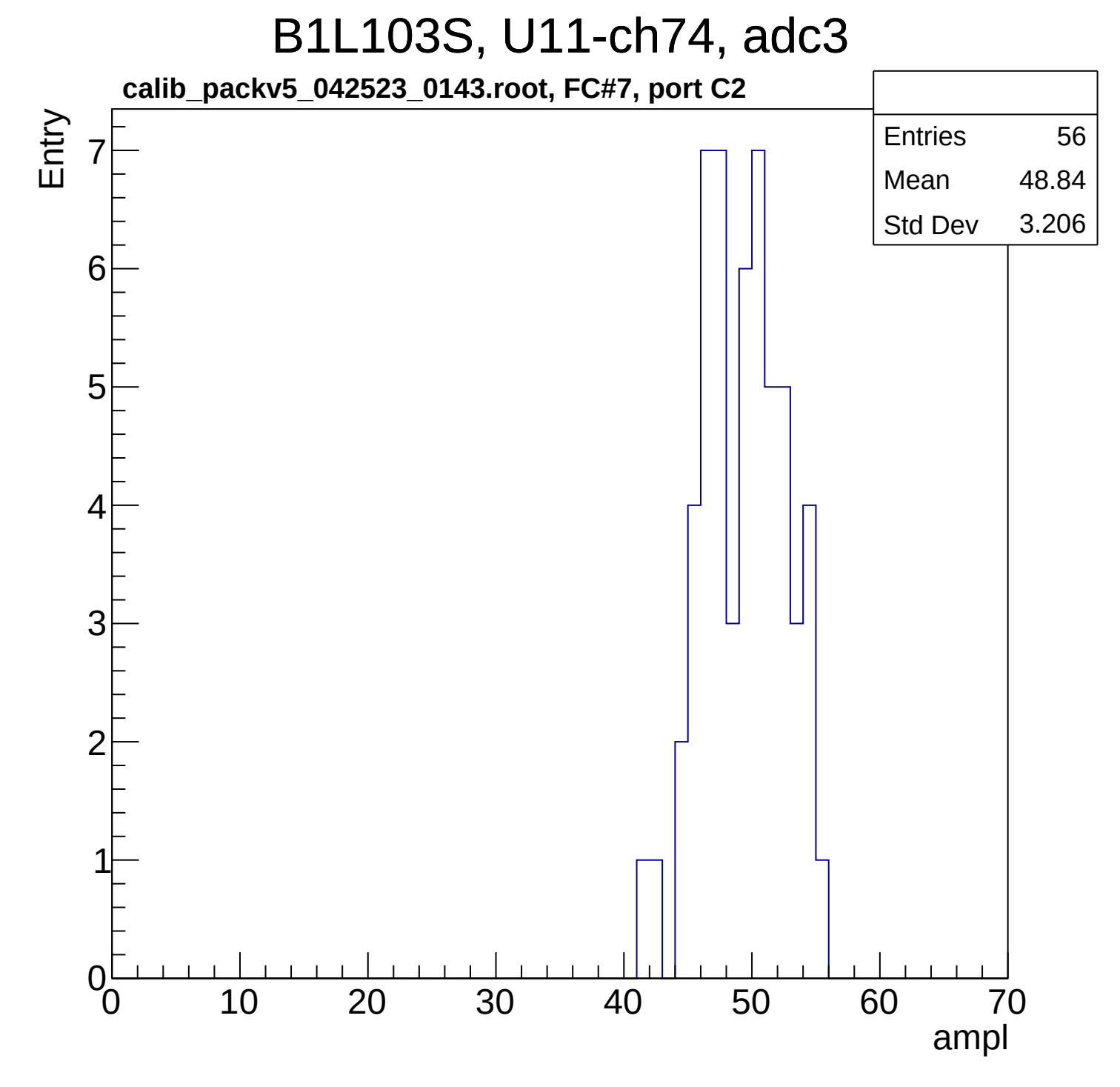
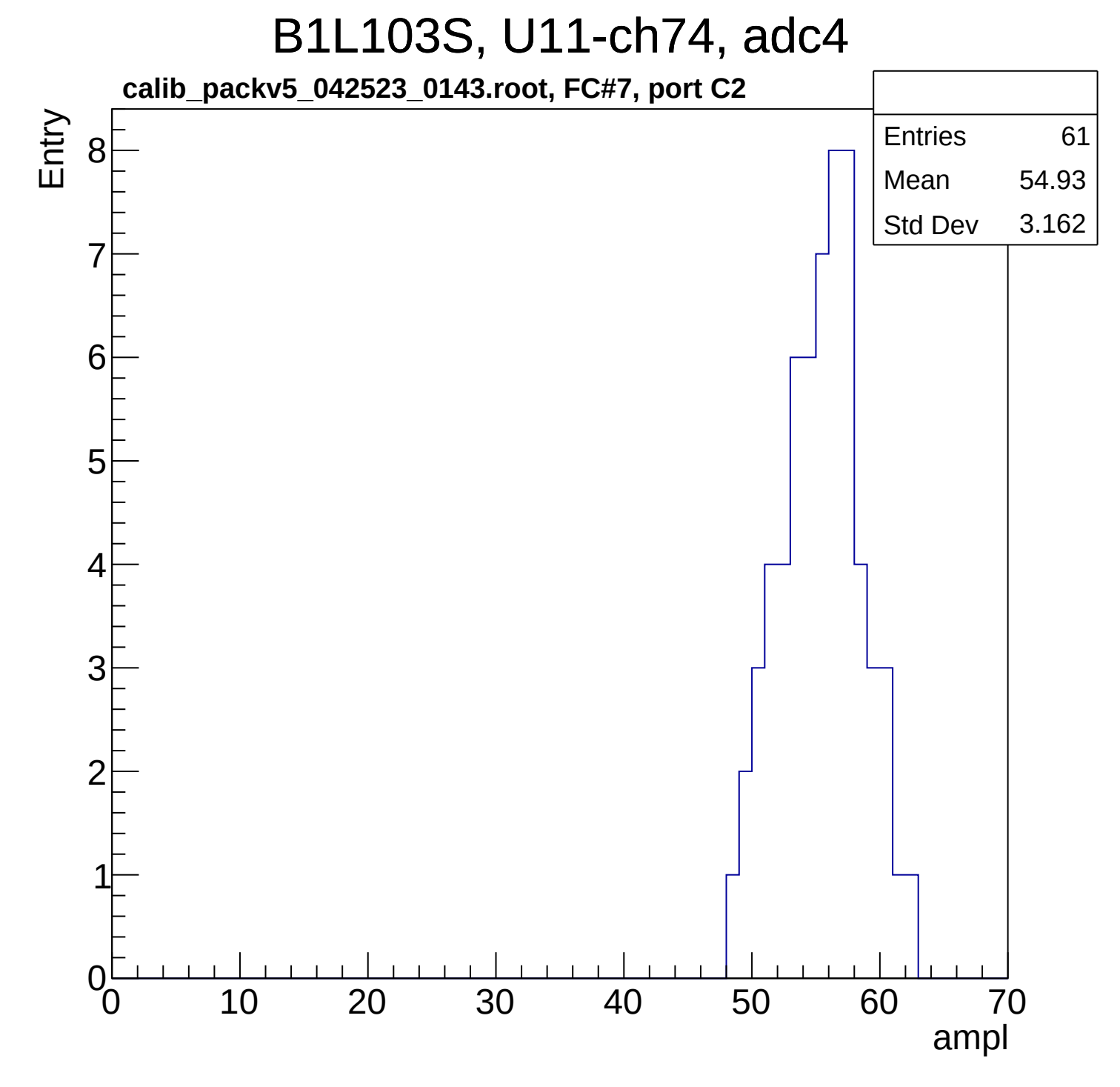

B1L103S, U11-ch74, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 48.84
Std Dev 3.206
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U11-ch74, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 54.93
Std Dev 3.162
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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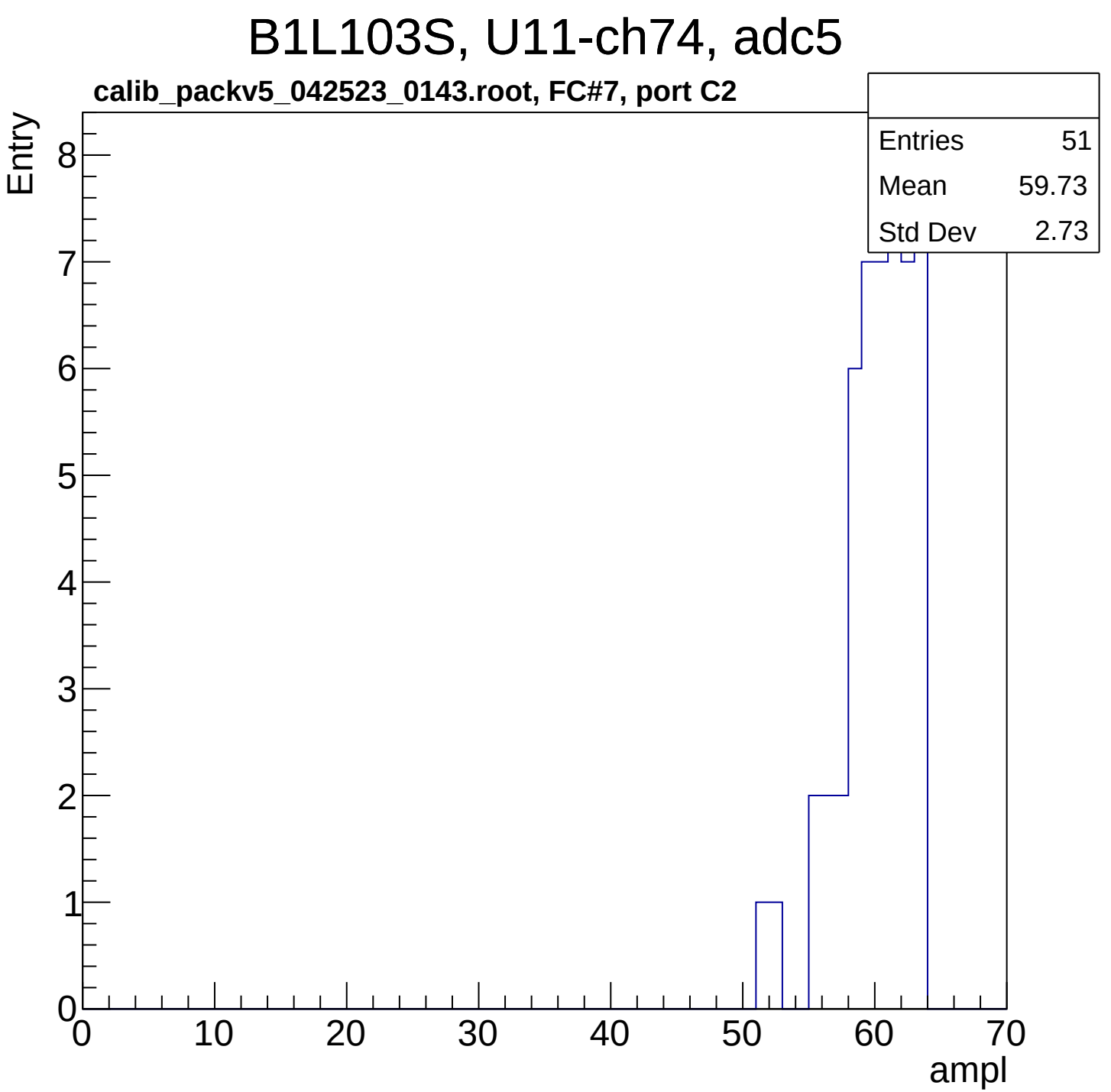
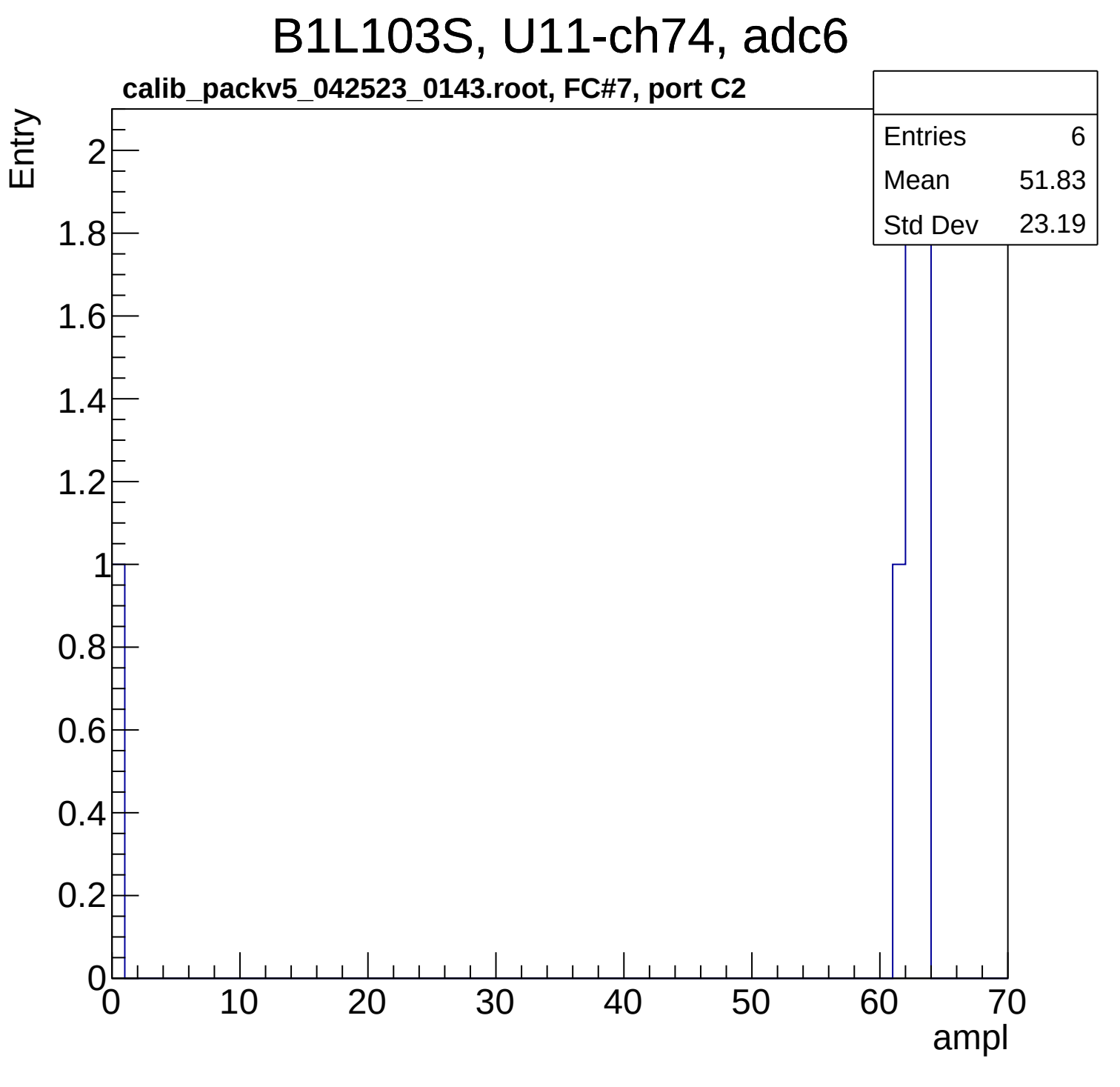
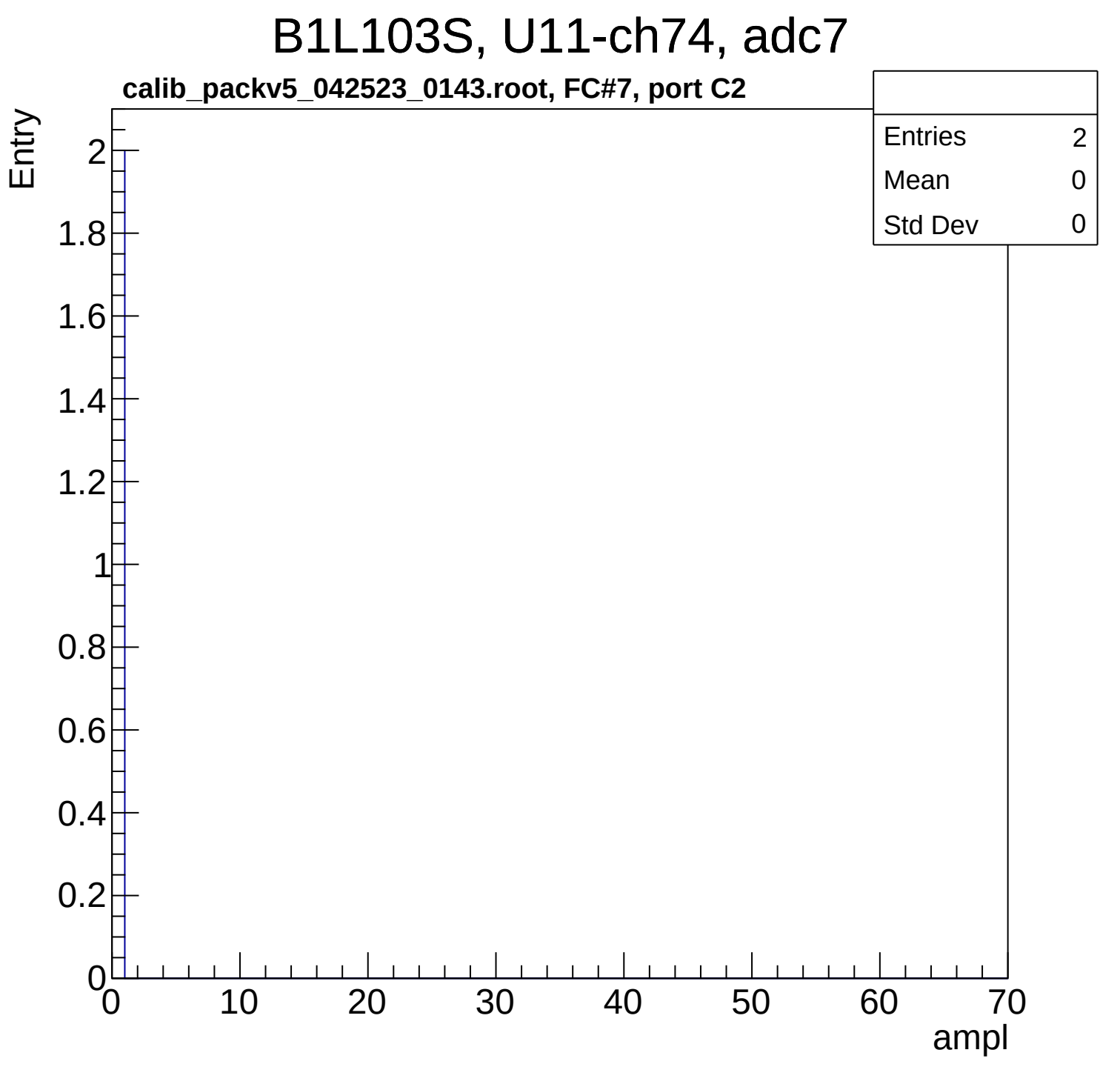
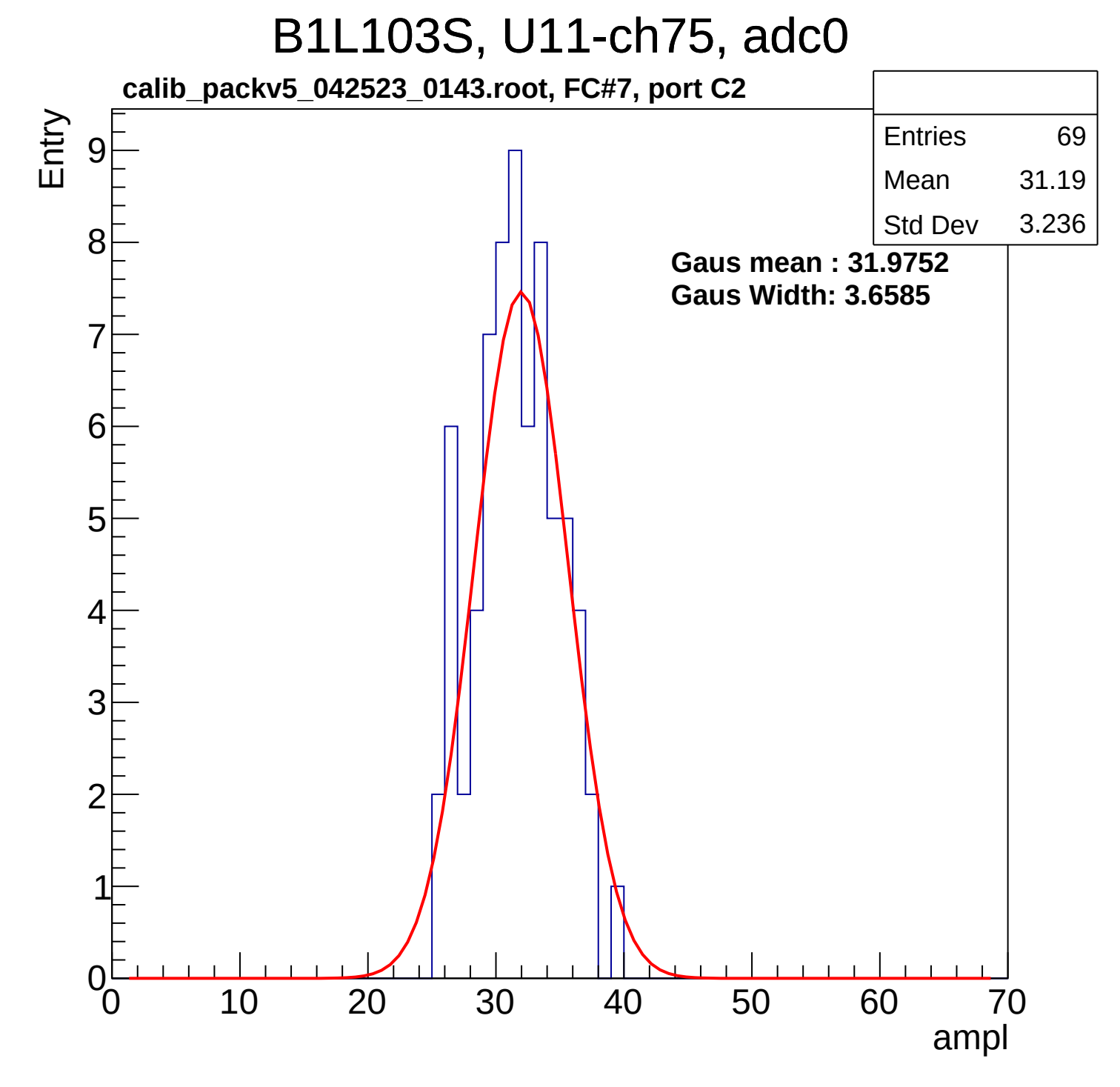

B1L103S, U11-ch74, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 59.73
Std Dev 2.73
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch74, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 6
Mean 51.83
Std Dev 23.19
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


B1L103S, U11-ch74, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch75, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 31.19
Std Dev 3.236
Gaus mean : 31.9752
Gaus Width: 3.6585
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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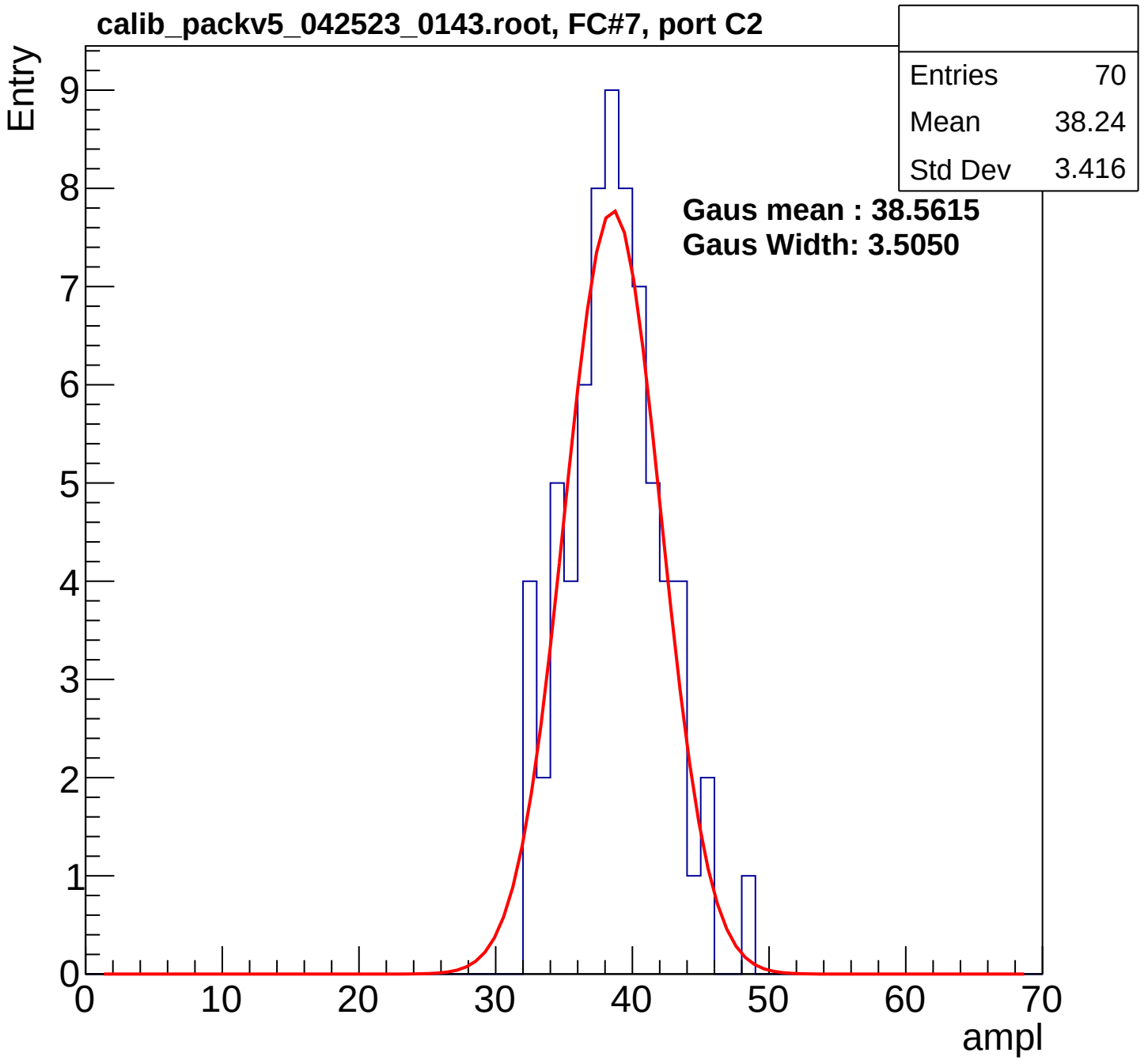
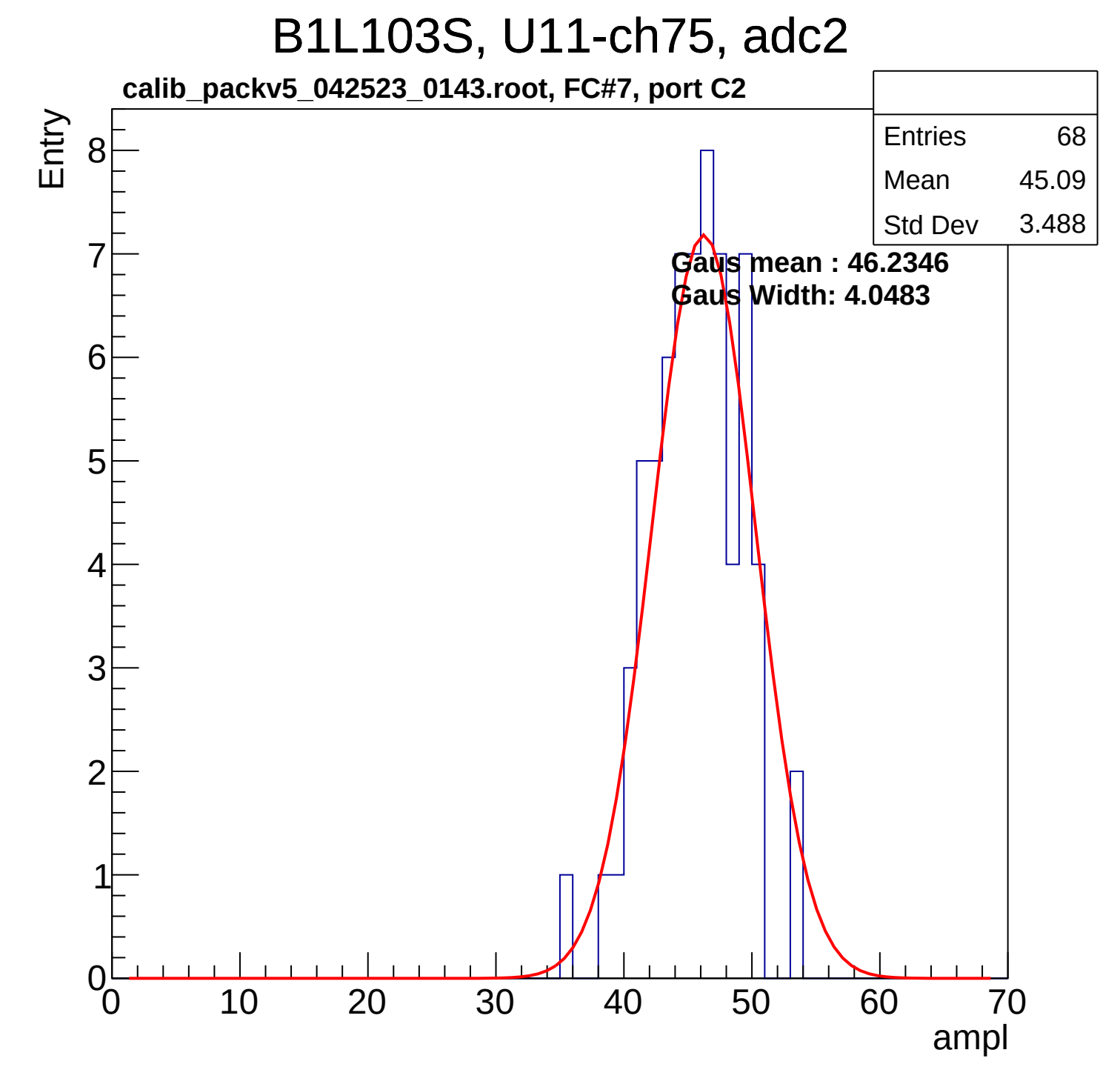
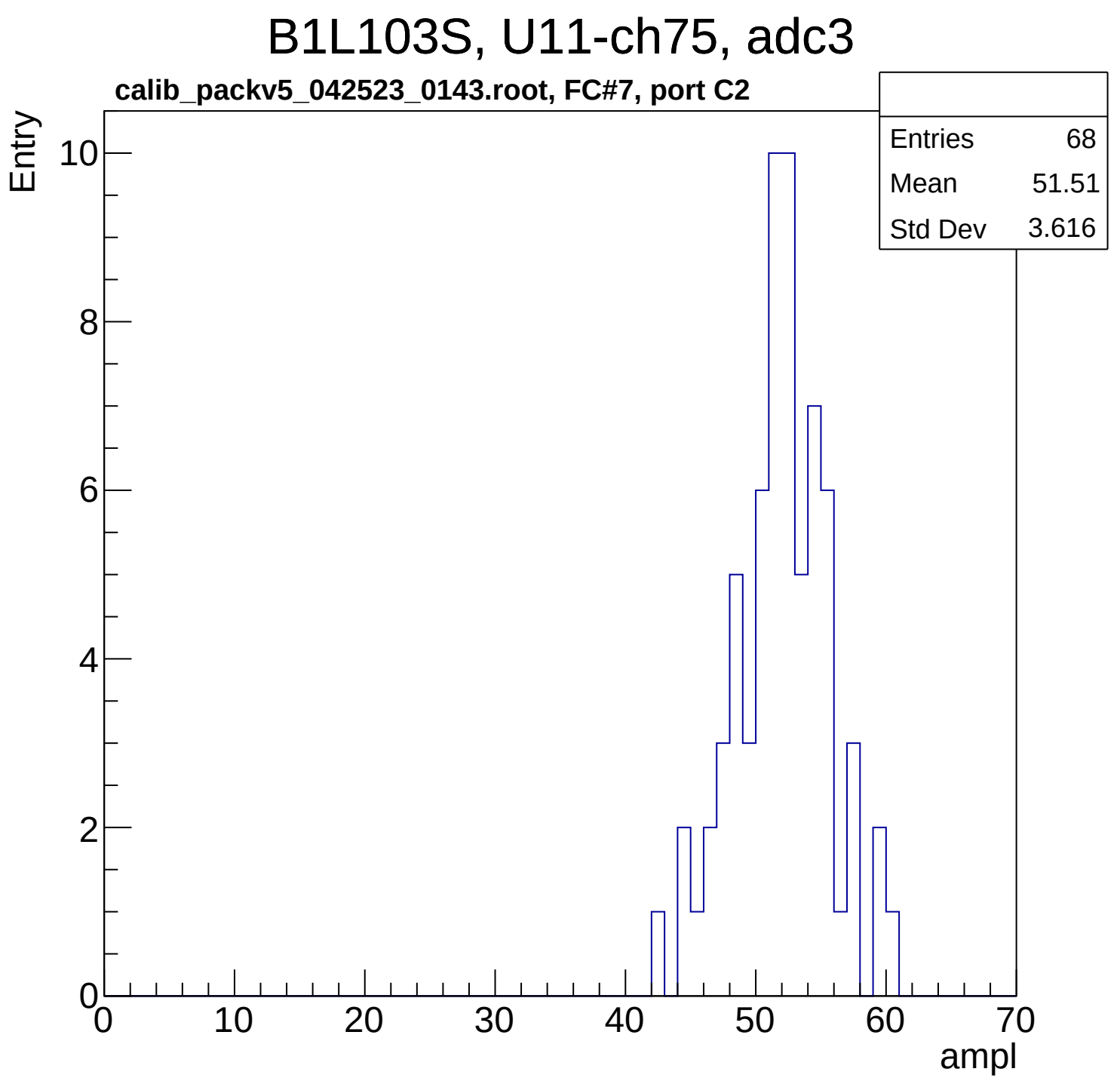
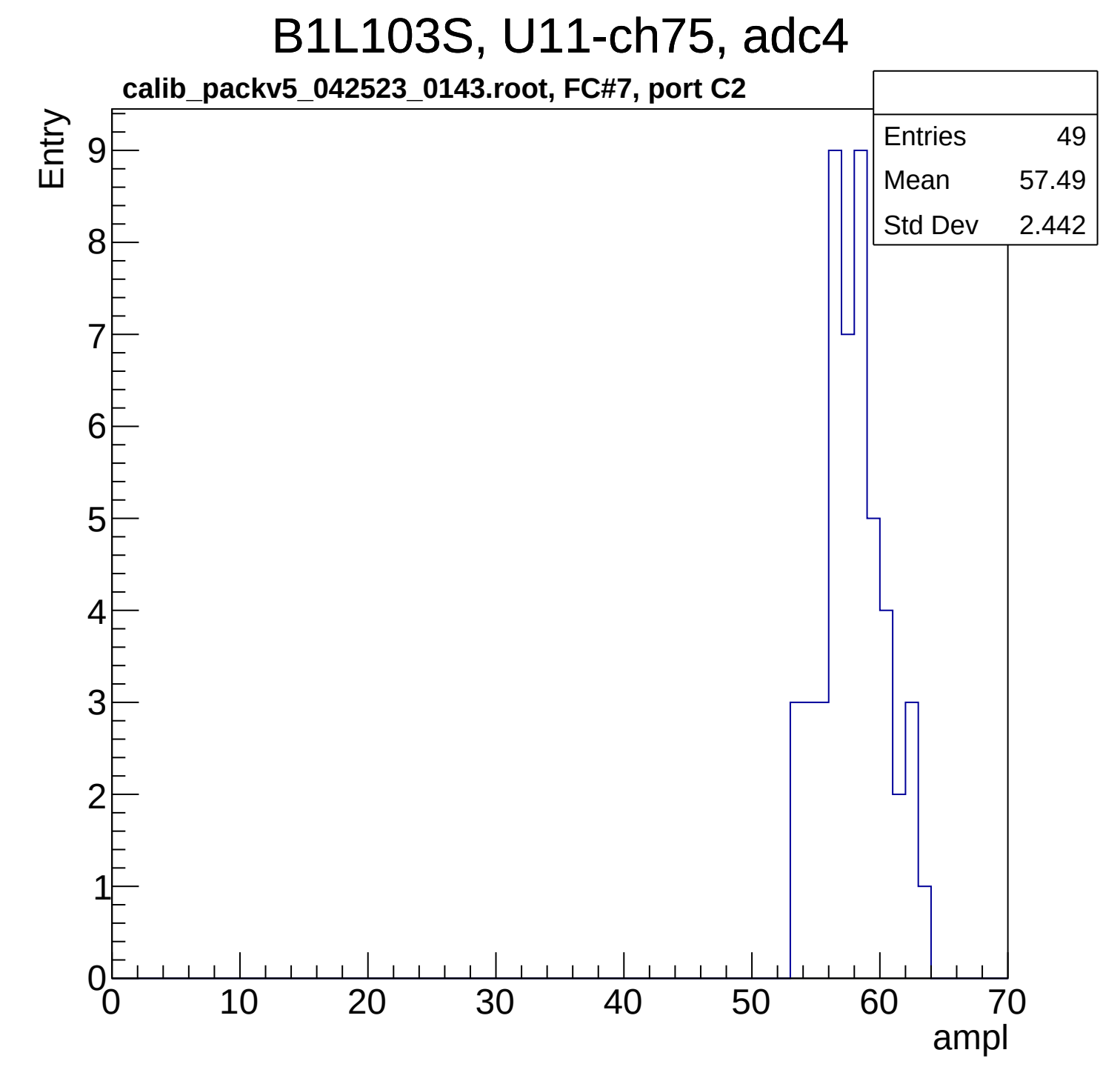

B1L103S, U11-ch75, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 38.24
Std Dev 3.416
Gaus mean : 38.5615
Gaus Width: 3.5050
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch75, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 45.09
Std Dev 3.488
Gaus mean : 46.2346
Gaus Width: 4.0483
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch75, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 51.51
Std Dev 3.616
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch75, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 57.49
Std Dev 2.442
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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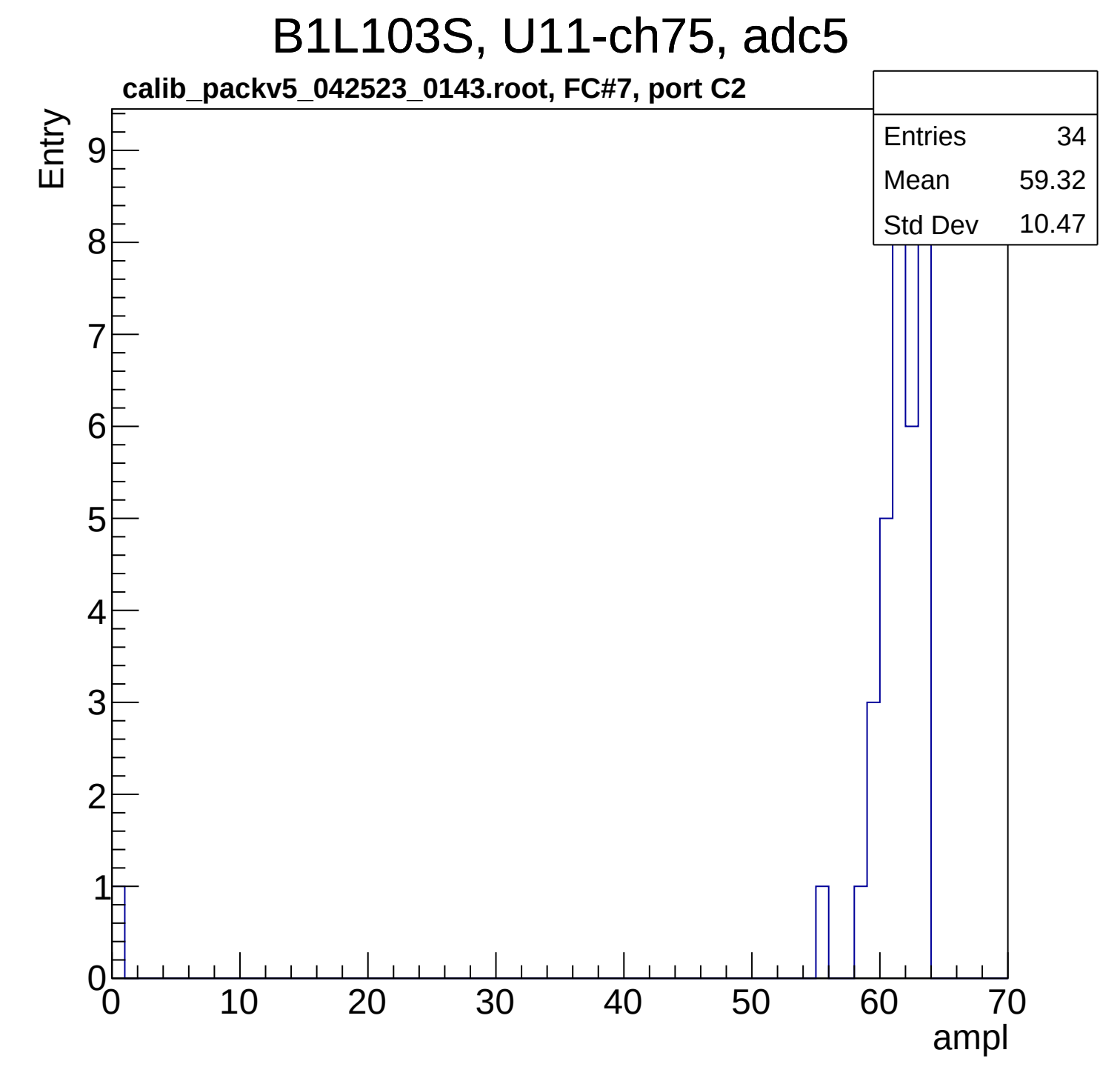
B1L103S, U11-ch75, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 34
Mean 59.32
Std Dev 10.47
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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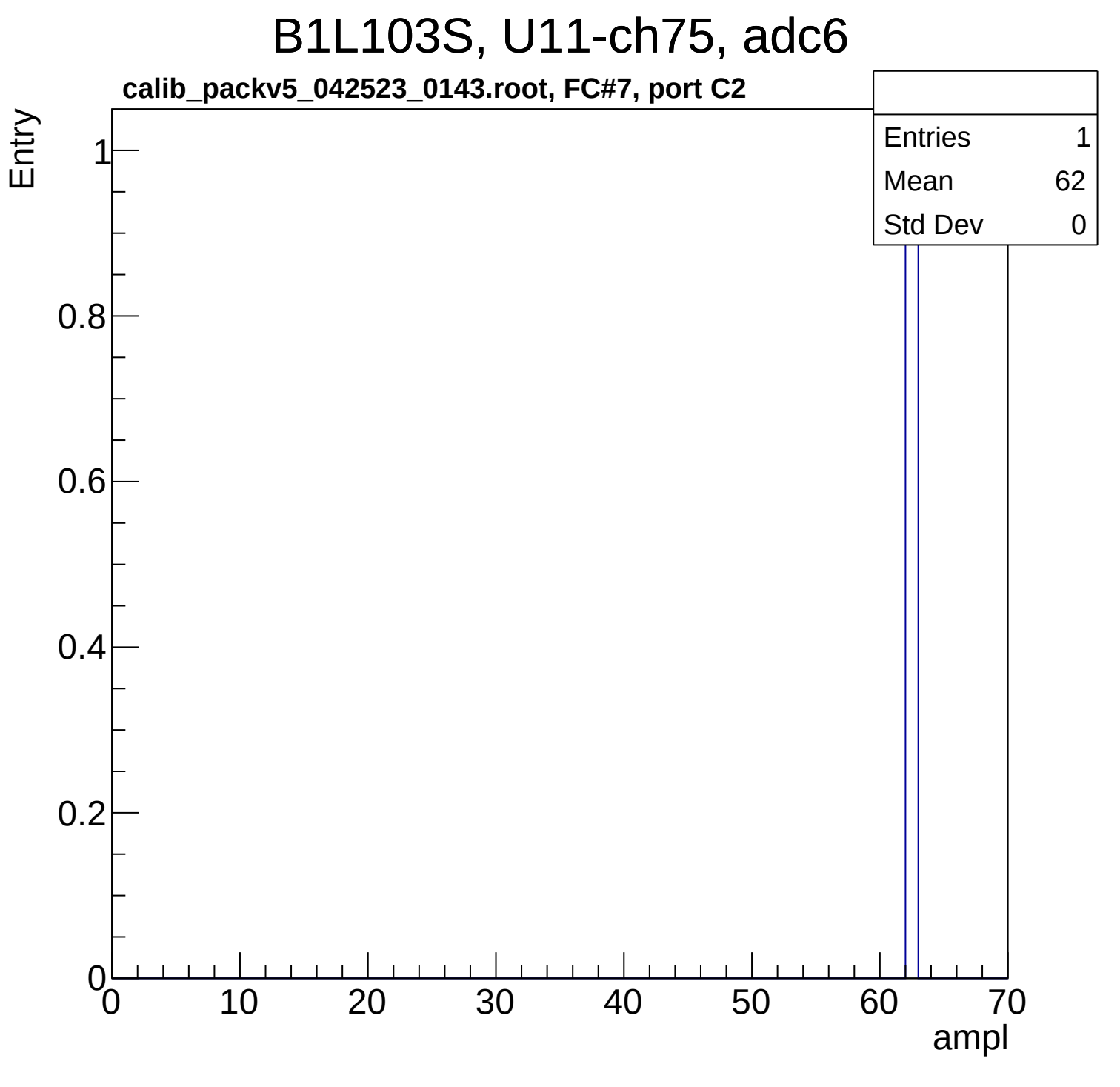
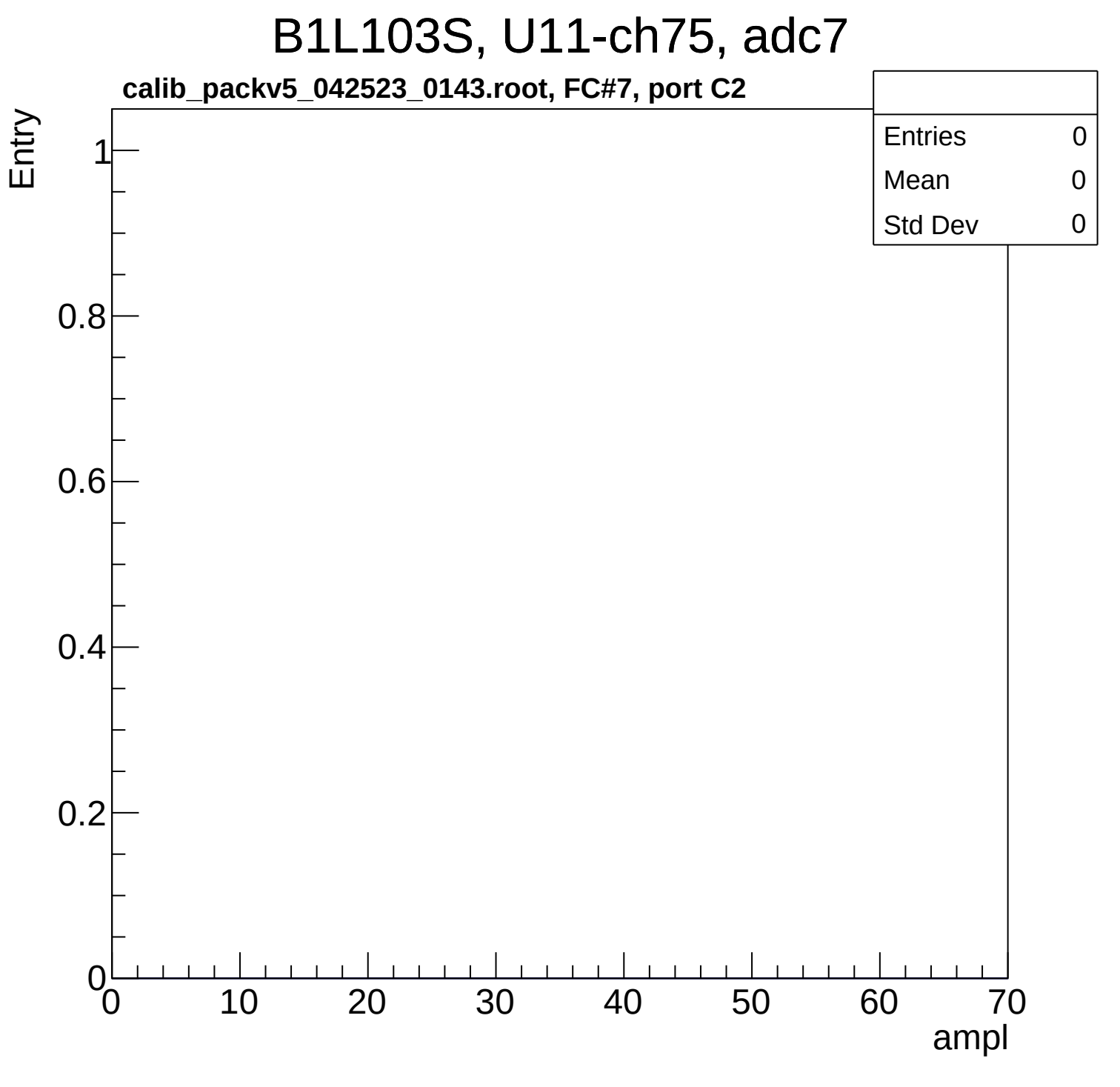
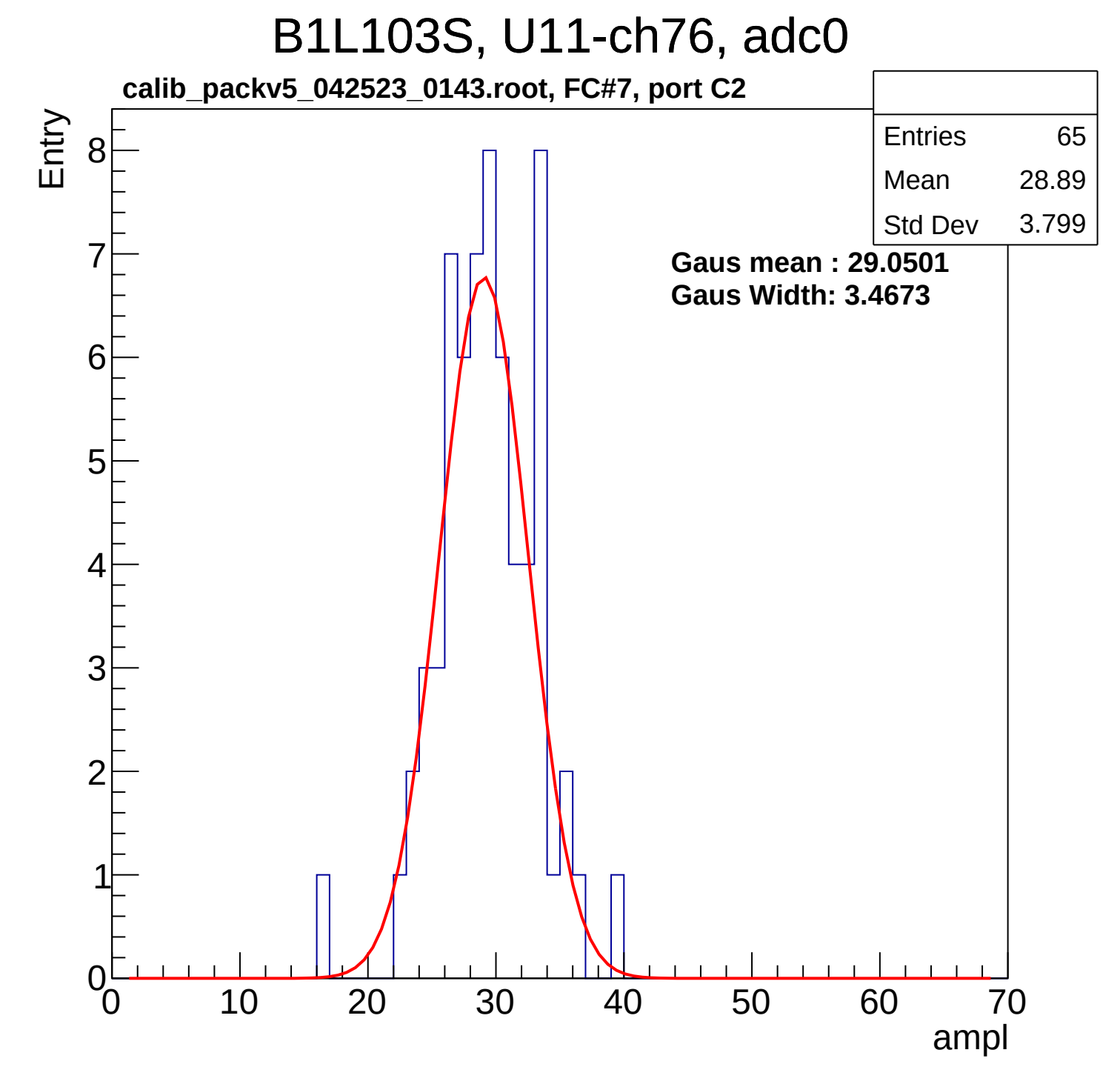
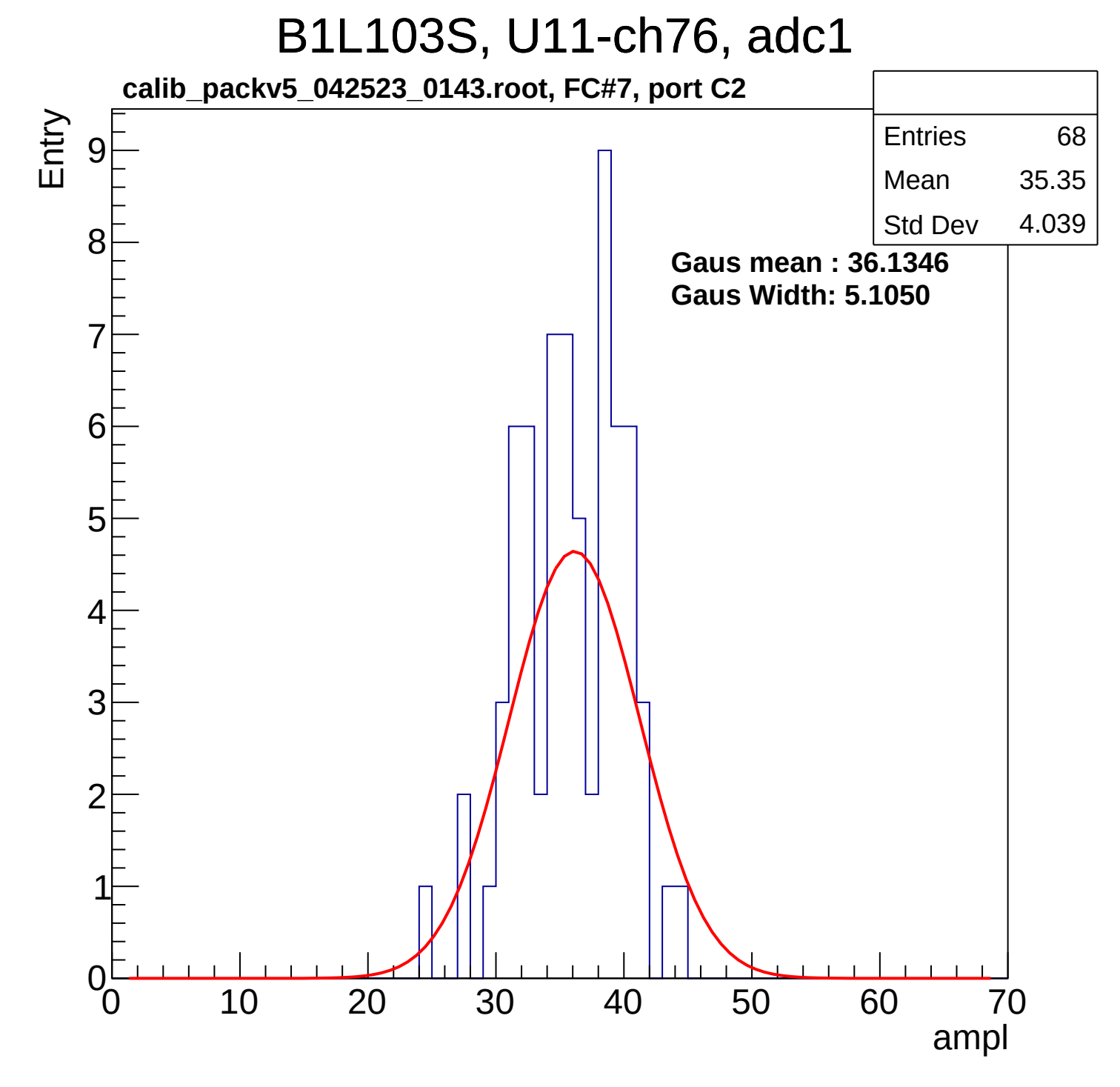
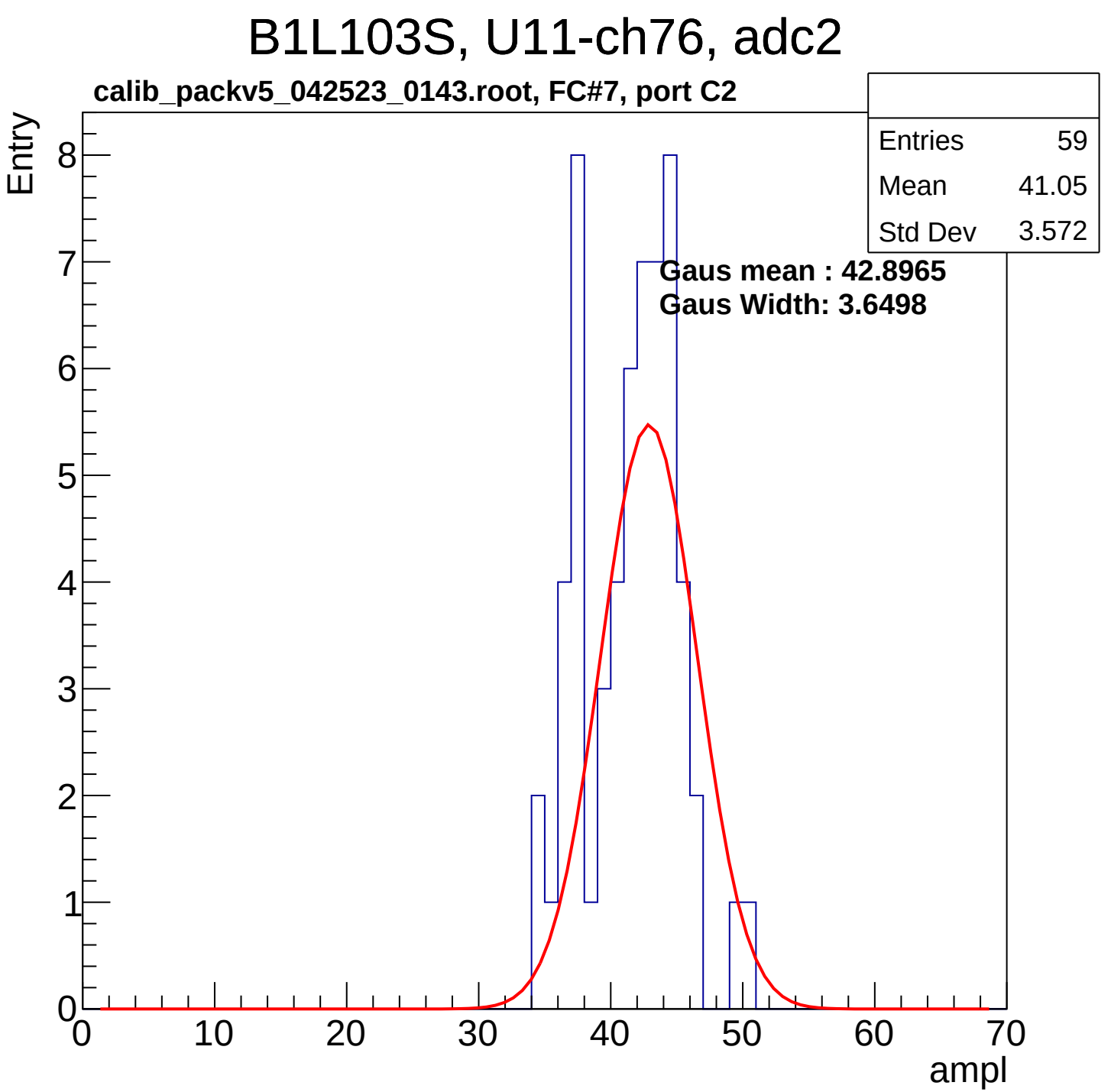

B1L103S, U11-ch75, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch75, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch76, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 28.89
Std Dev 3.799
Gaus mean : 29.0501
Gaus Width: 3.4673
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch76, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 35.35
Std Dev 4.039
Gaus mean : 36.1346
Gaus Width: 5.1050
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch76, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 41.05
Std Dev 3.572
Gaus mean : 42.8965
Gaus Width: 3.6498
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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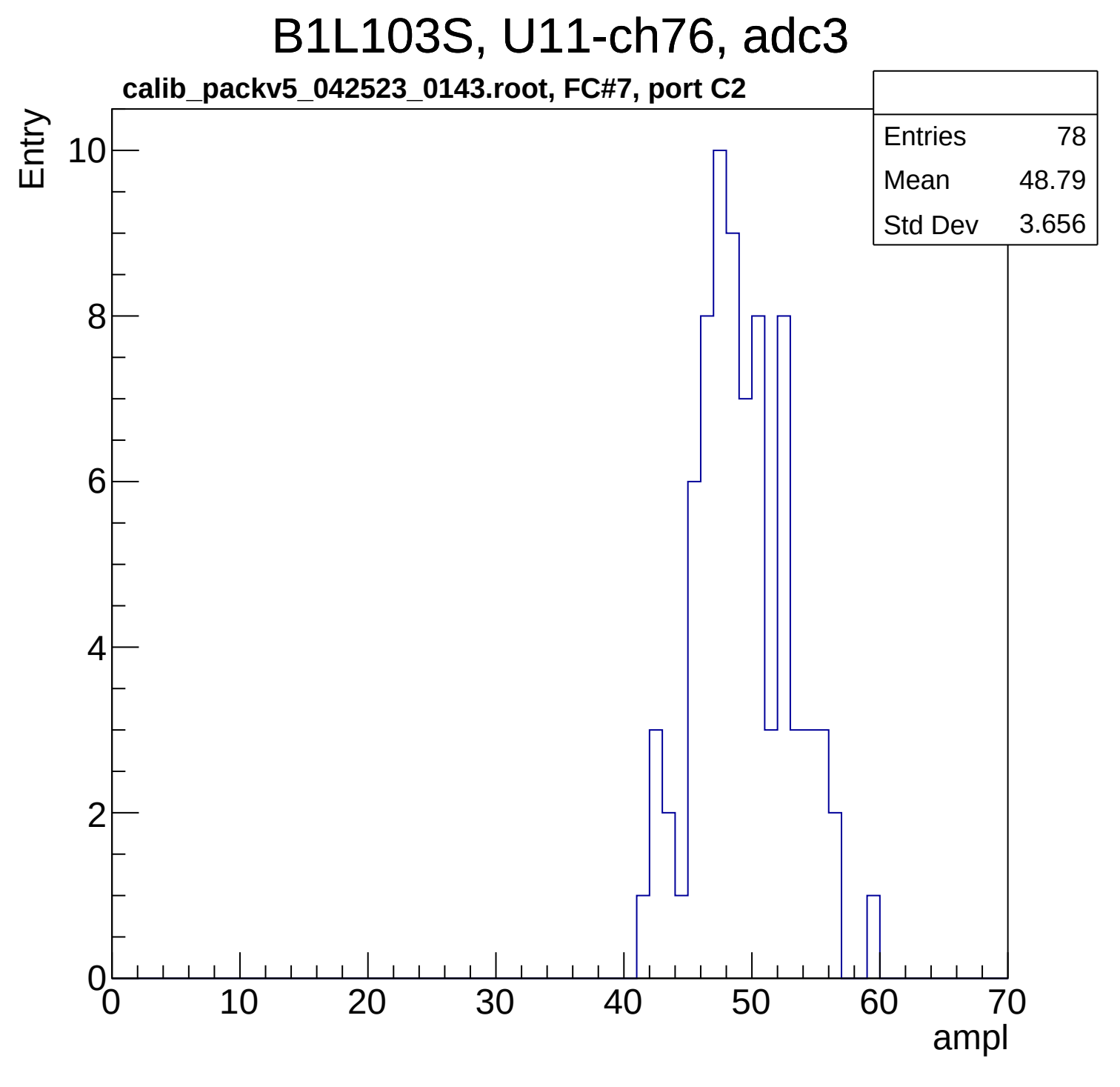
B1L103S, U11-ch76, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 78
Mean 48.79
Std Dev 3.656
Entry
ampl
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4
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8
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0
10
20
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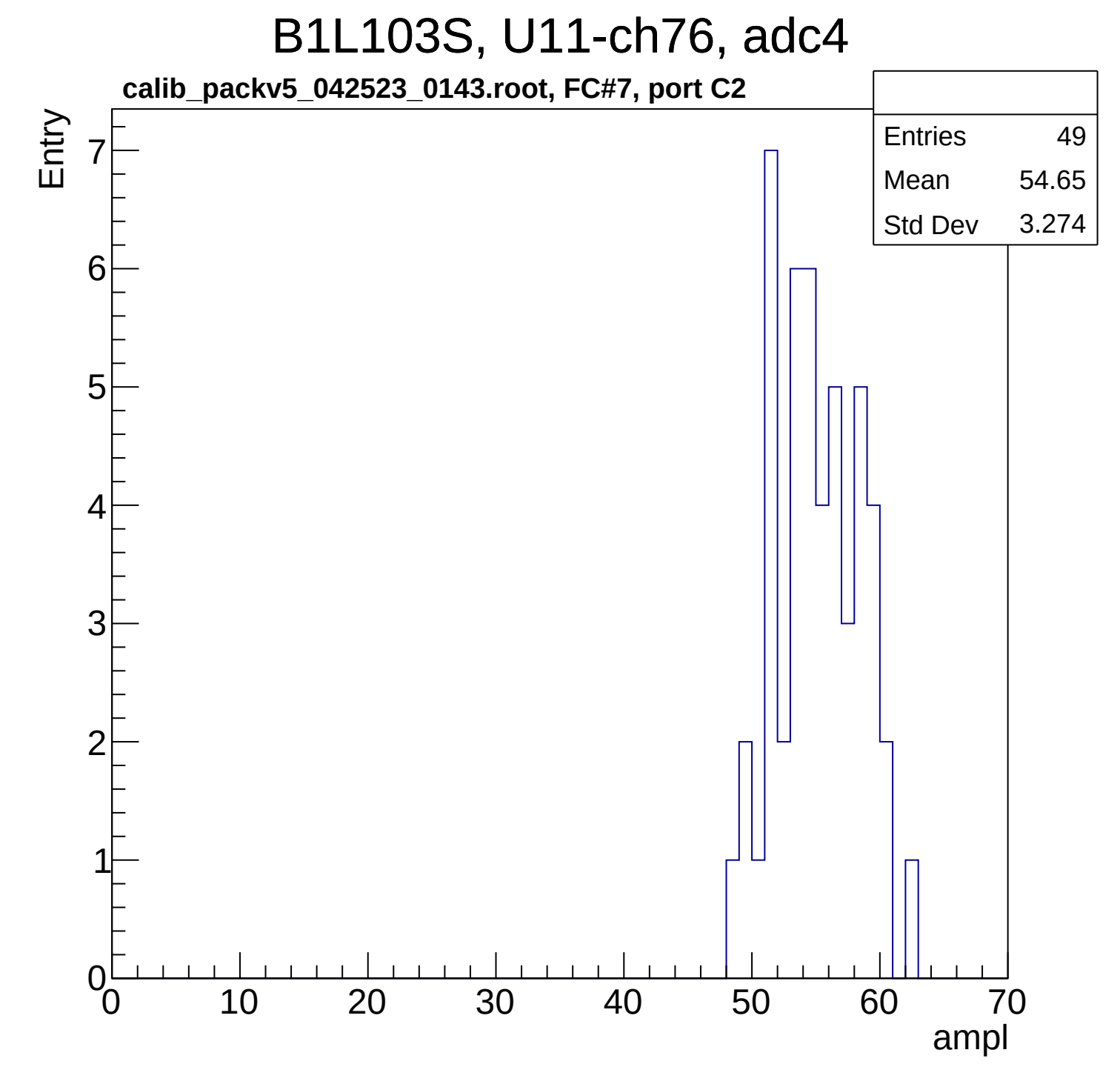
40
50
60
70


B1L103S, U11-ch76, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 54.65
Std Dev 3.274
Entry
ampl
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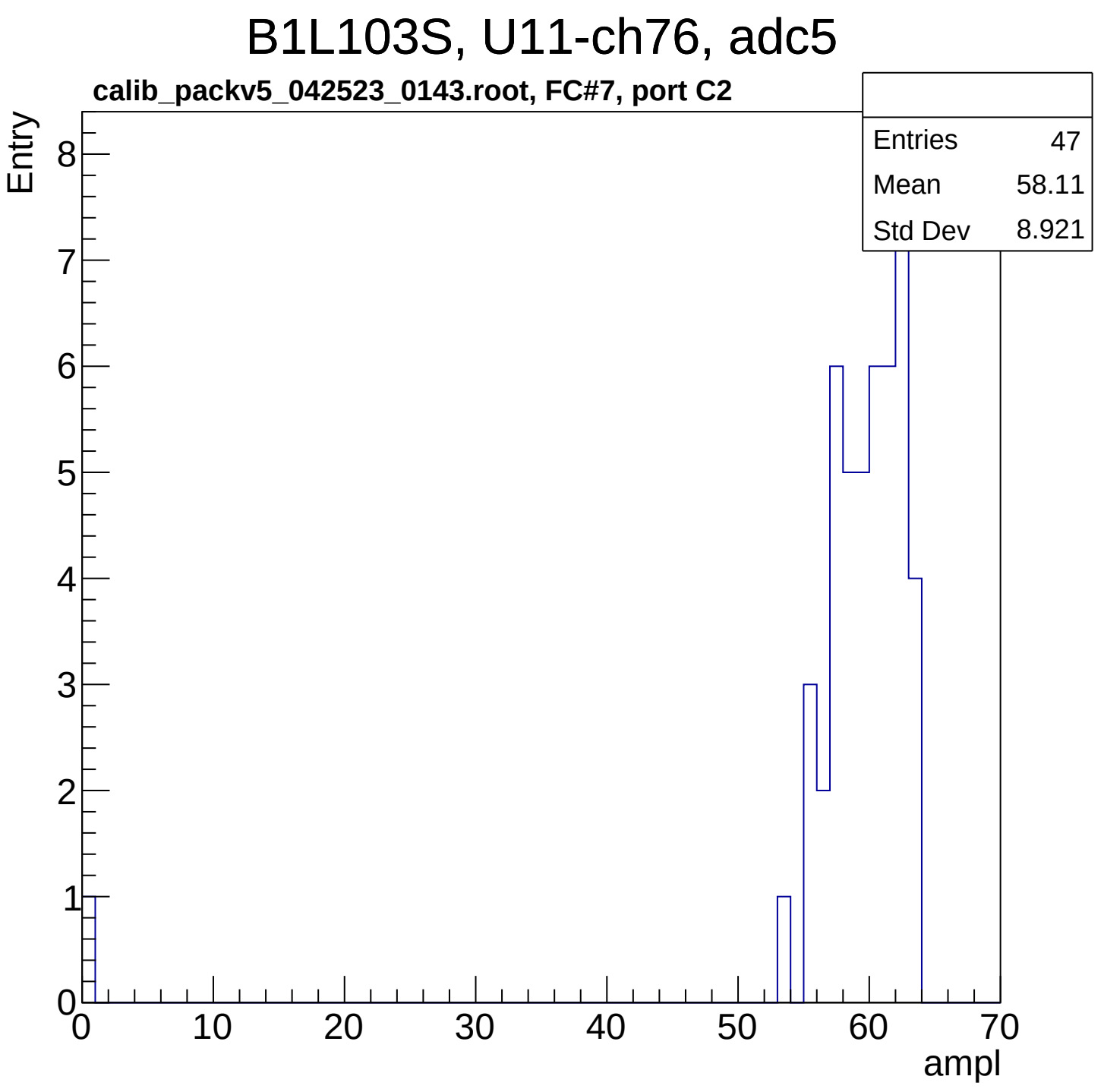
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U11-ch76, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 47
Mean 58.11
Std Dev 8.921
Entry
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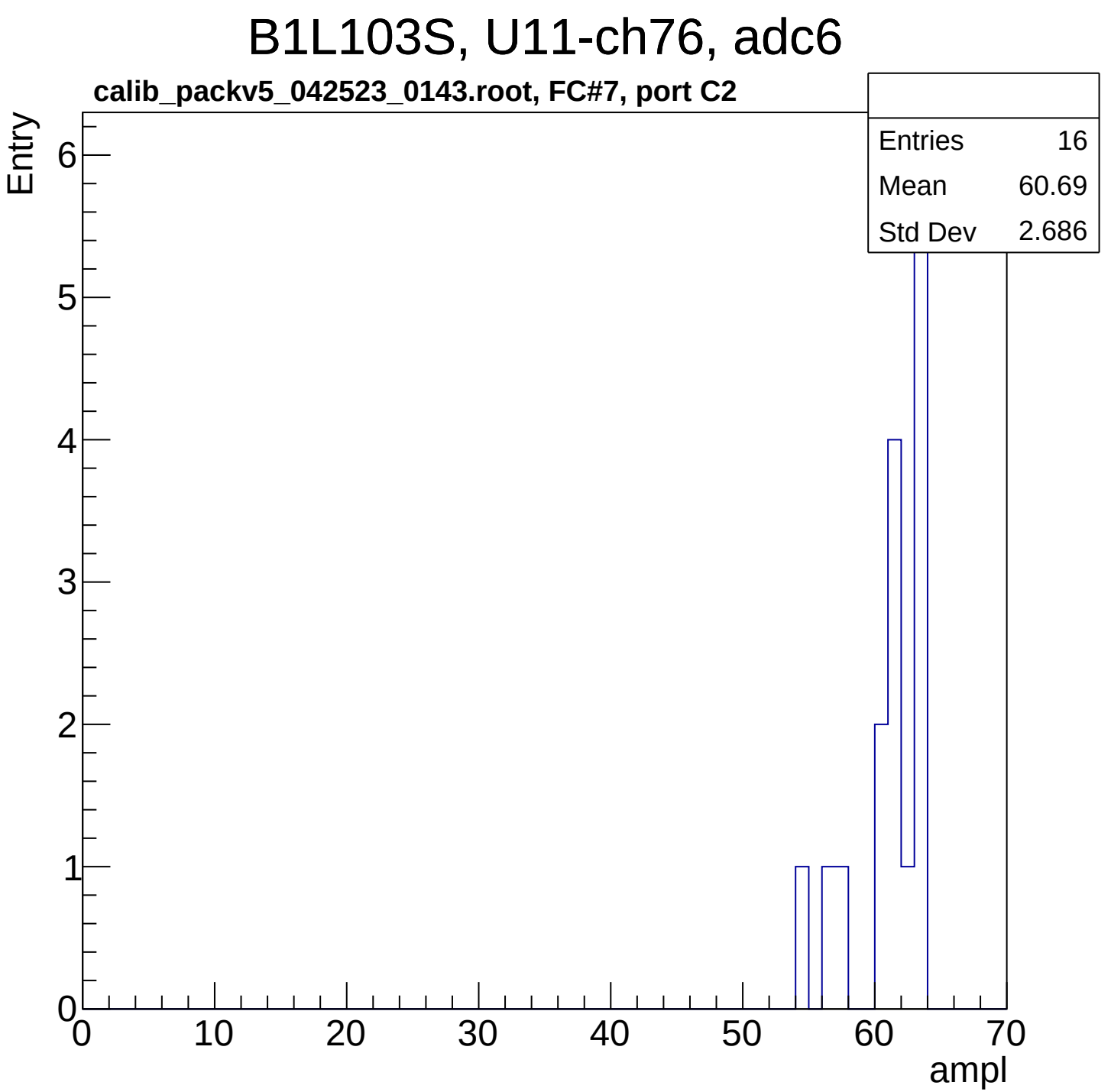
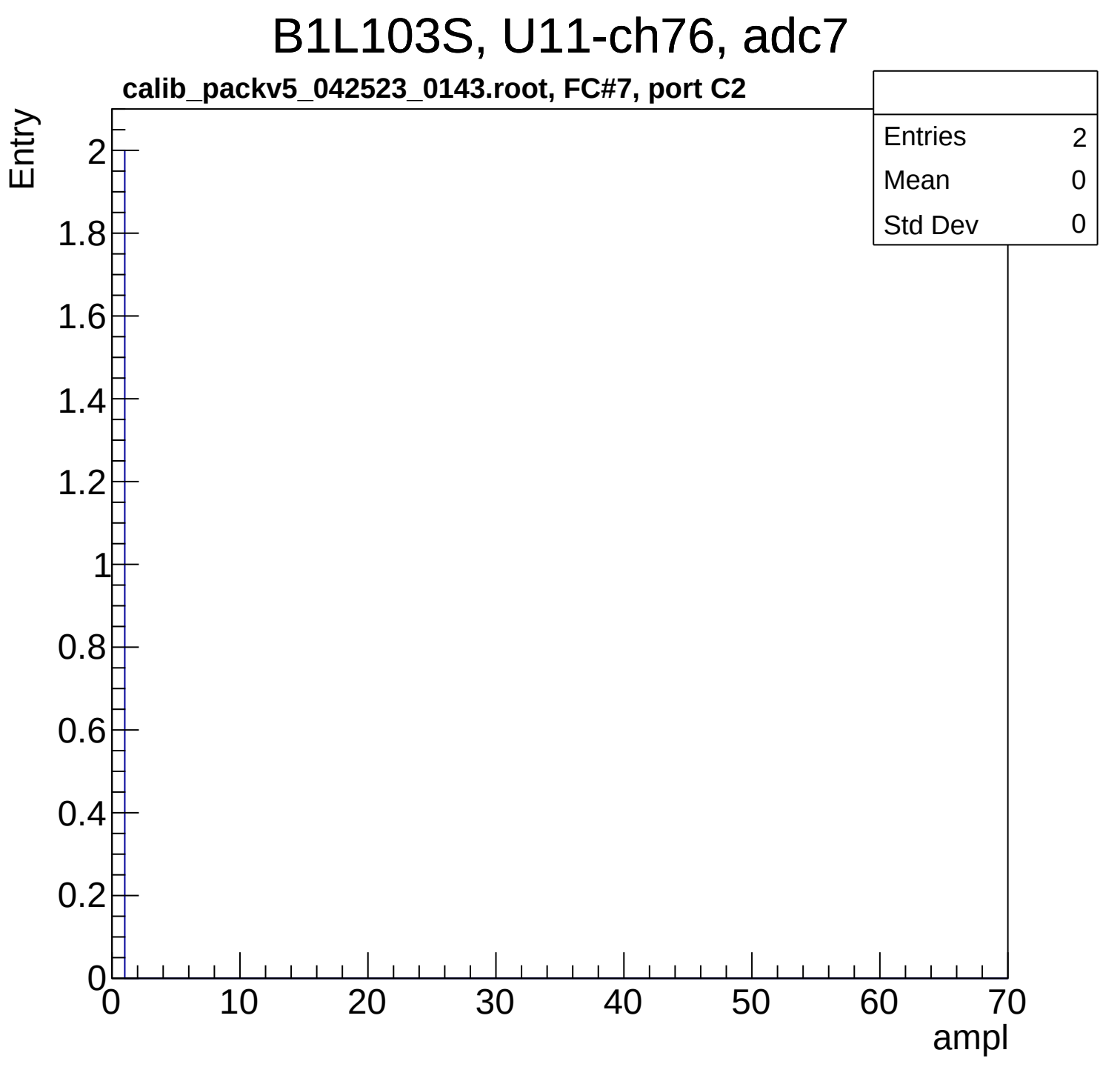
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch76, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 16
Mean 60.69
Std Dev 2.686
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch76, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
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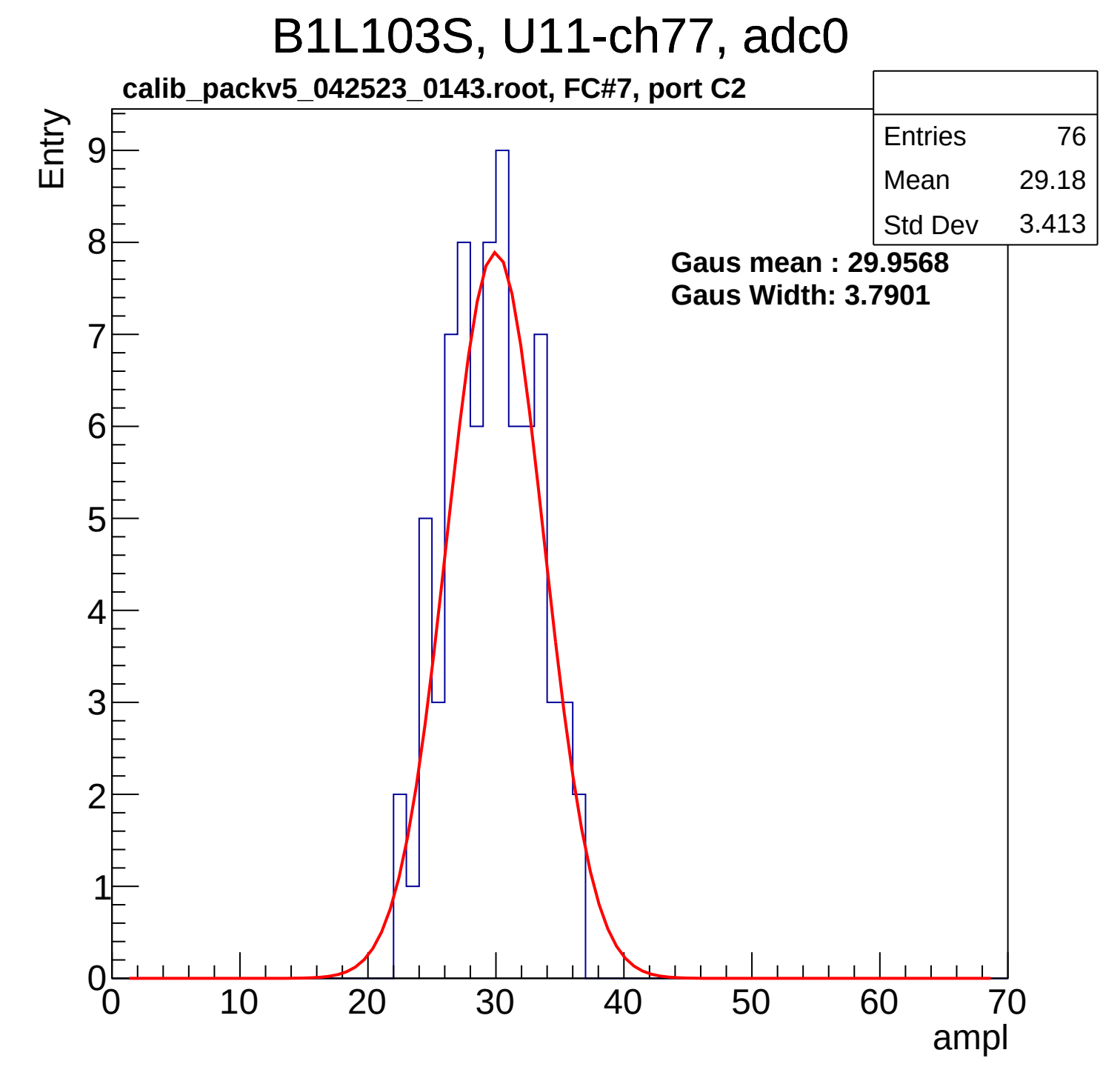
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch77, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 29.18
Std Dev 3.413
Gaus mean : 29.9568
Gaus Width: 3.7901
Entry
ampl
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2
3
4
5
6
7
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9
0
10
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60
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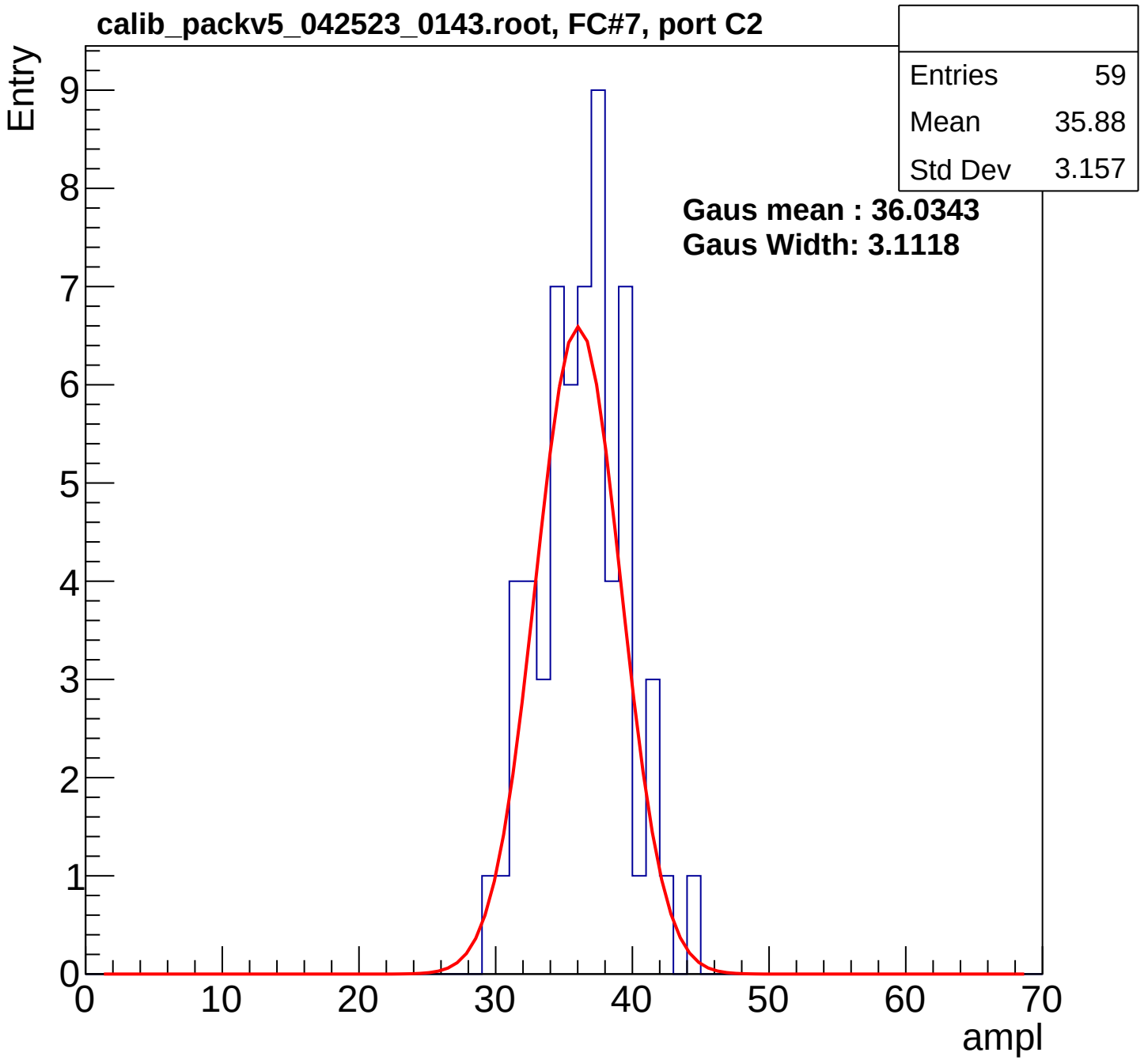
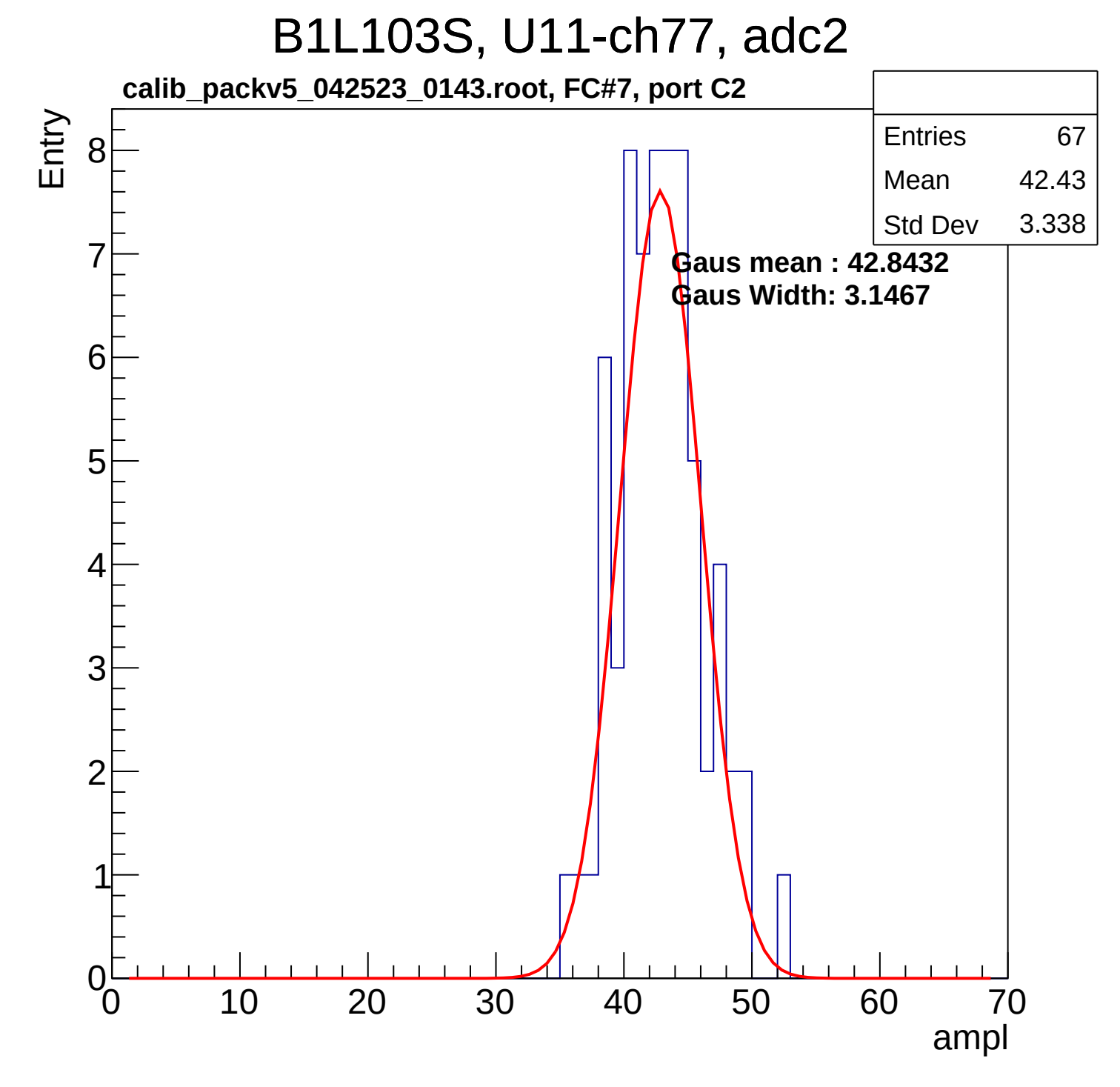

B1L103S, U11-ch77, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 35.88
Std Dev 3.157
Gaus mean : 36.0343
Gaus Width: 3.1118
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch77, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 42.43
Std Dev 3.338
Gaus mean : 42.8432
Gaus Width: 3.1467
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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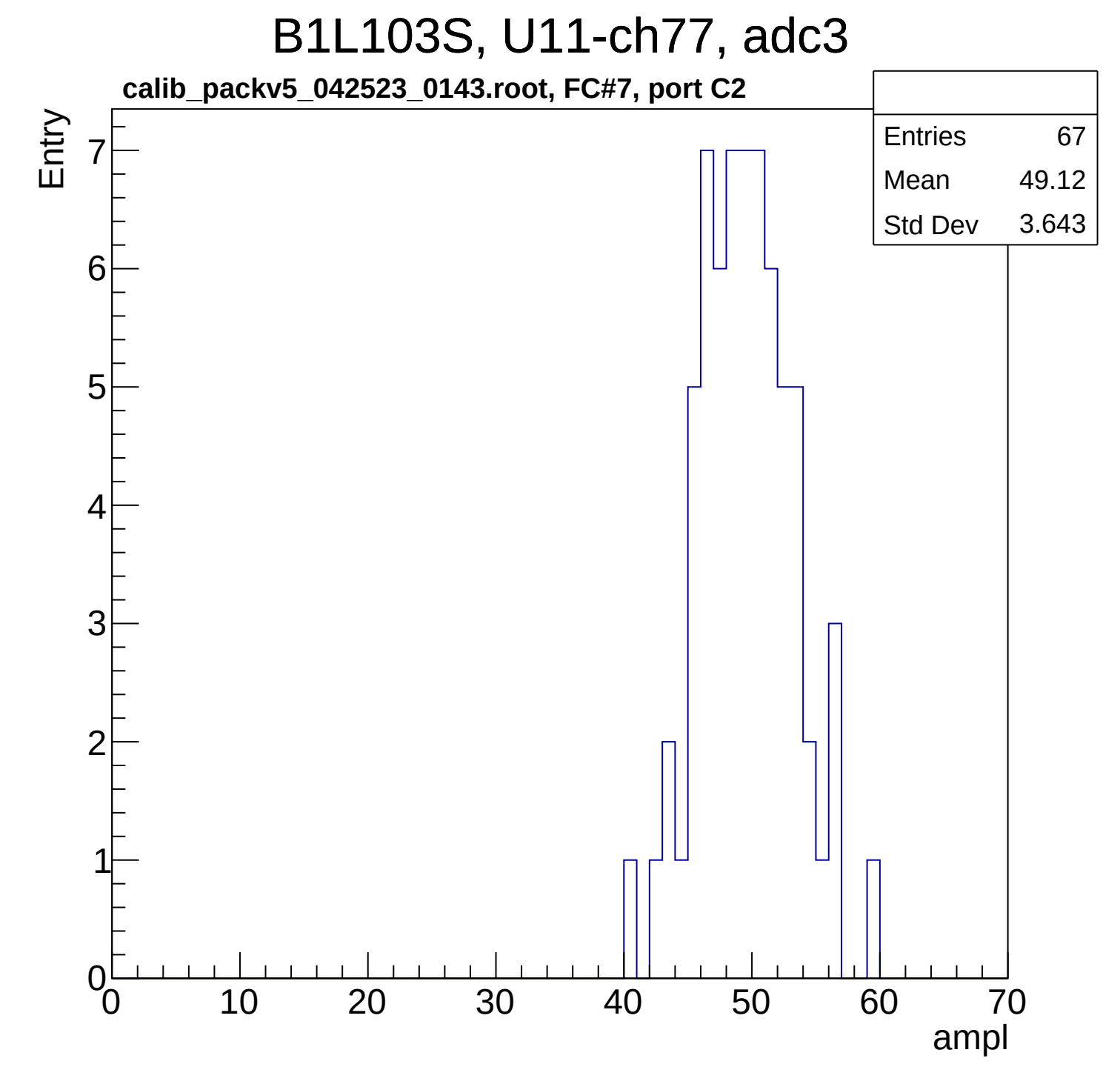
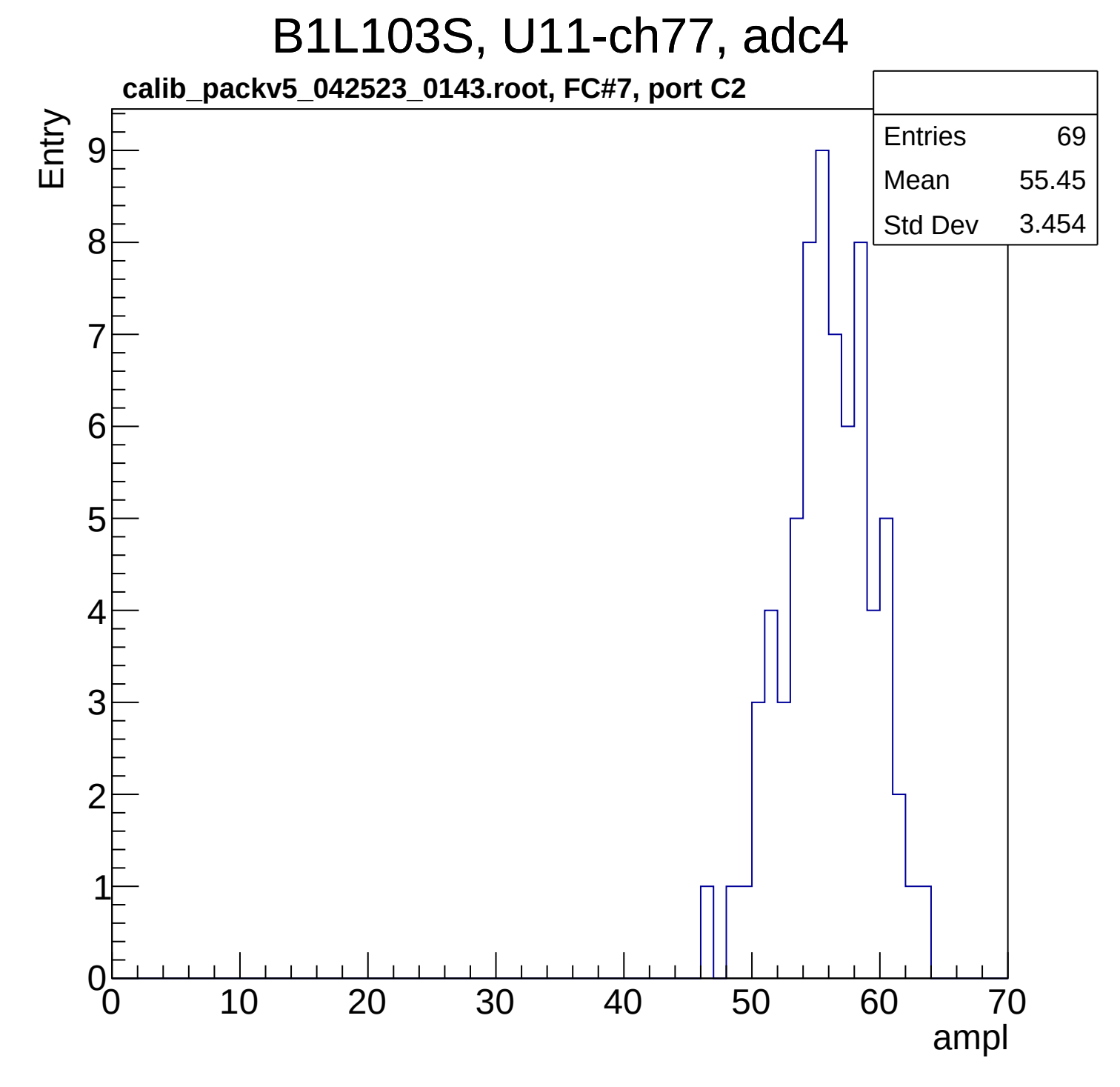
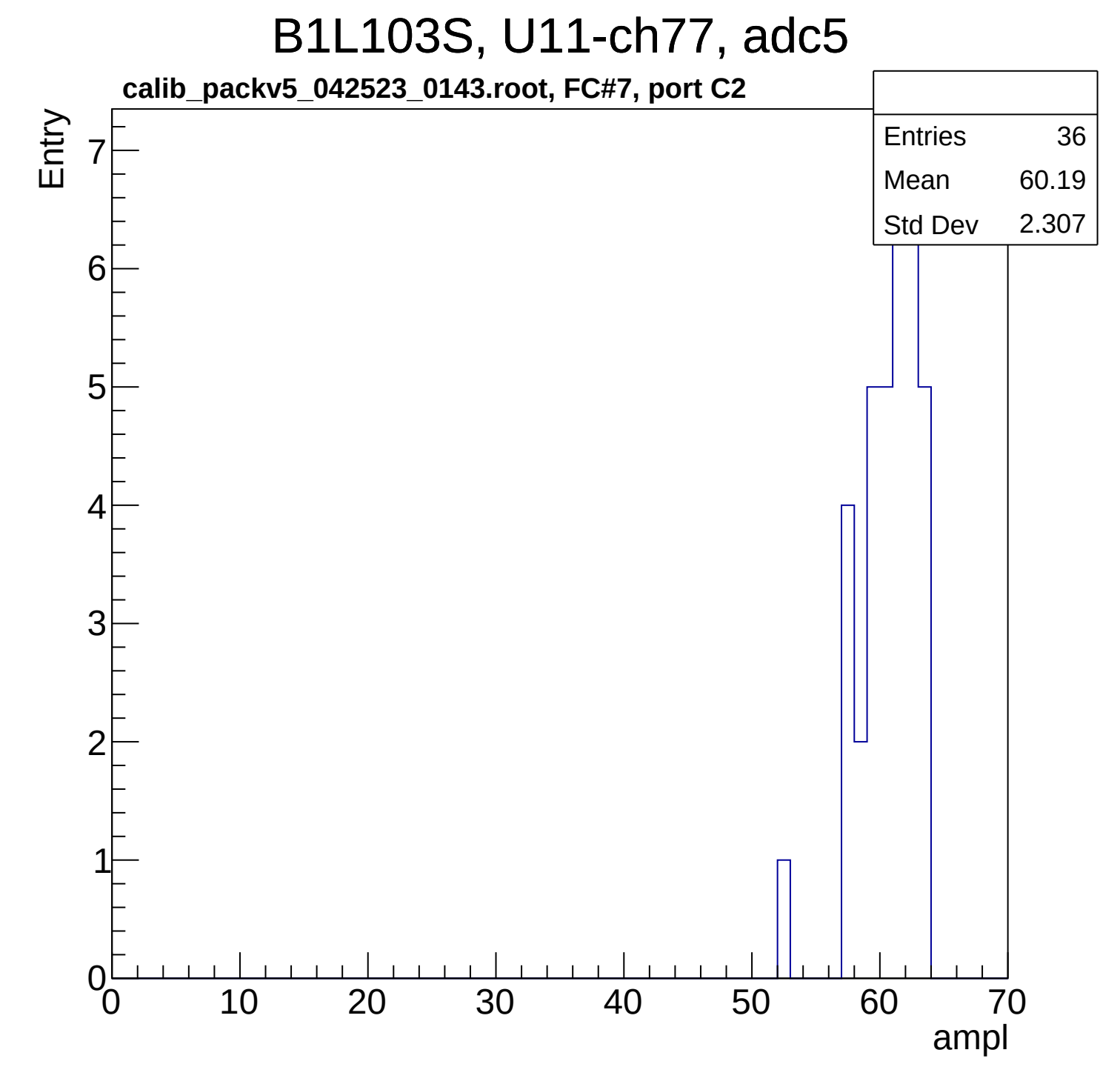
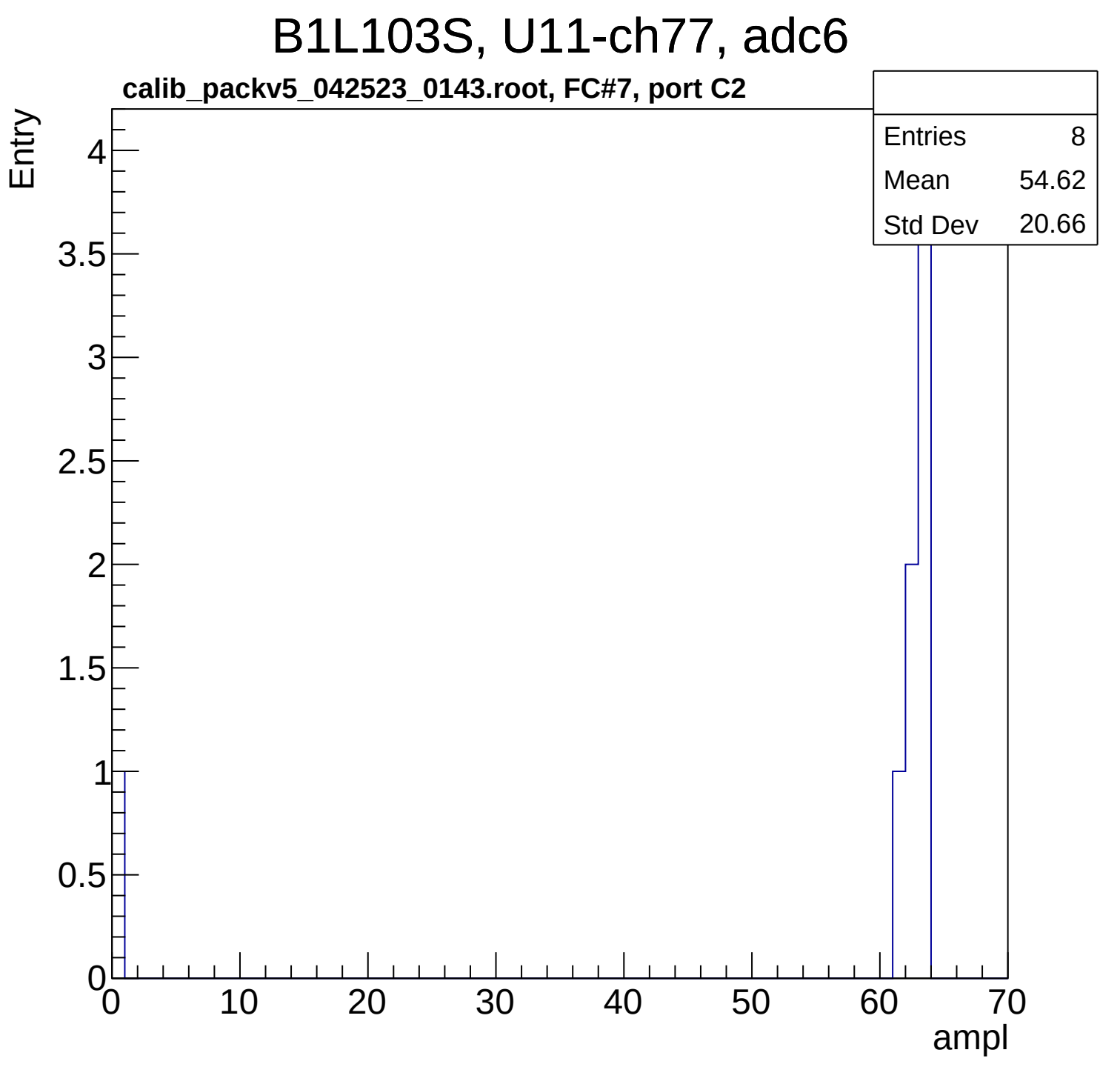

B1L103S, U11-ch77, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 49.12
Std Dev 3.643
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U11-ch77, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 55.45
Std Dev 3.454
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch77, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 36
Mean 60.19
Std Dev 2.307
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U11-ch77, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 8
Mean 54.62
Std Dev 20.66
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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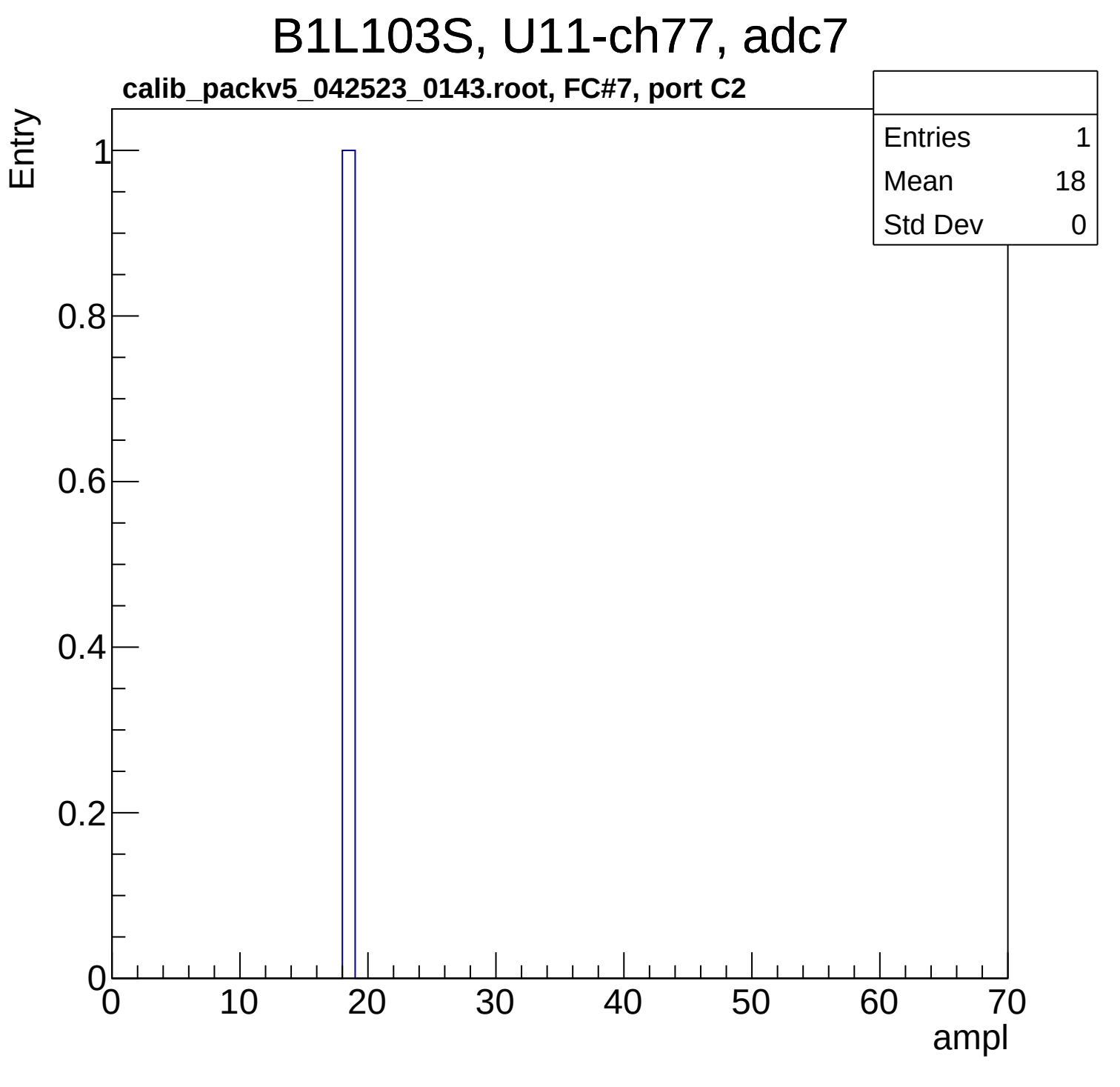
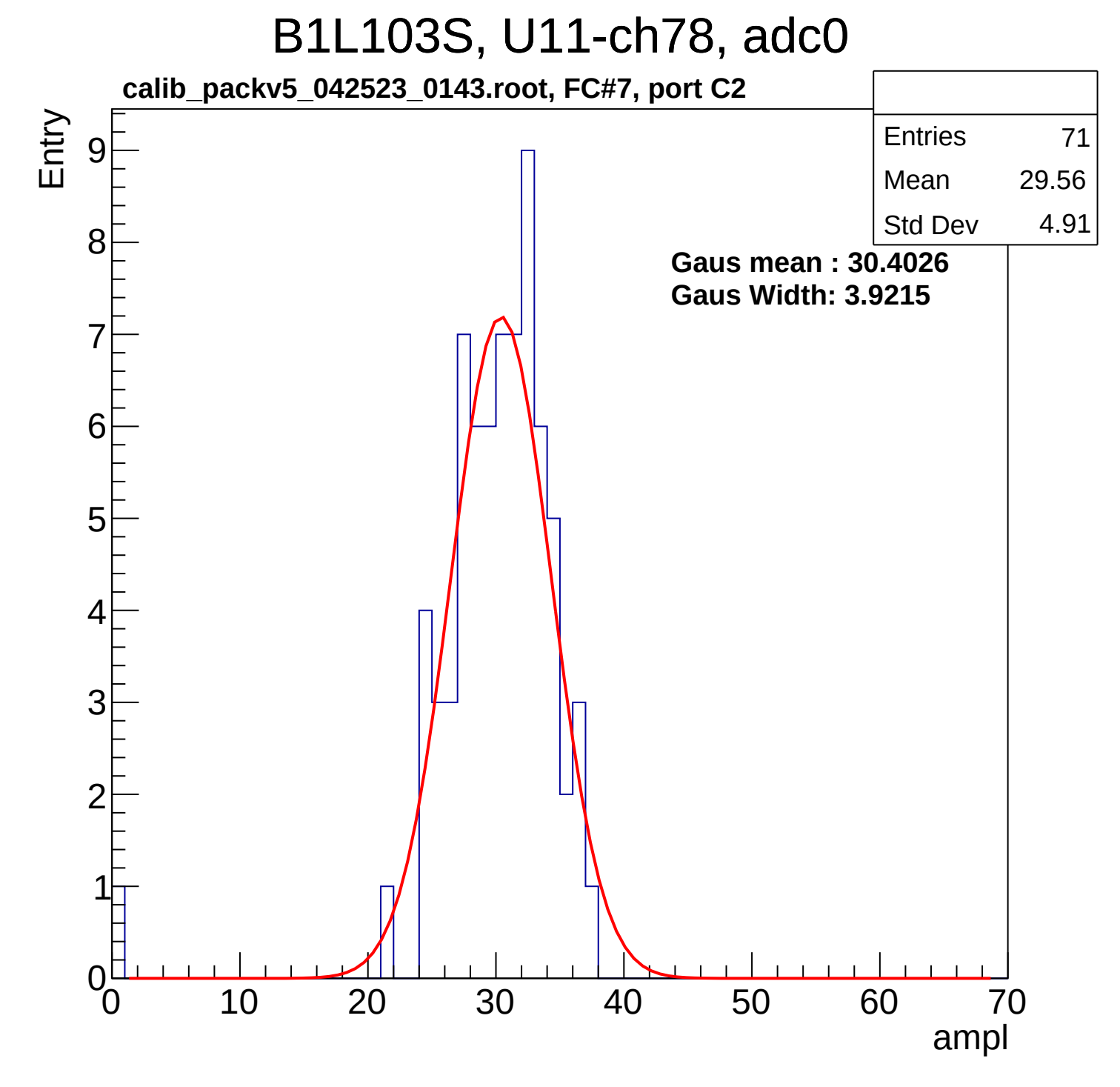
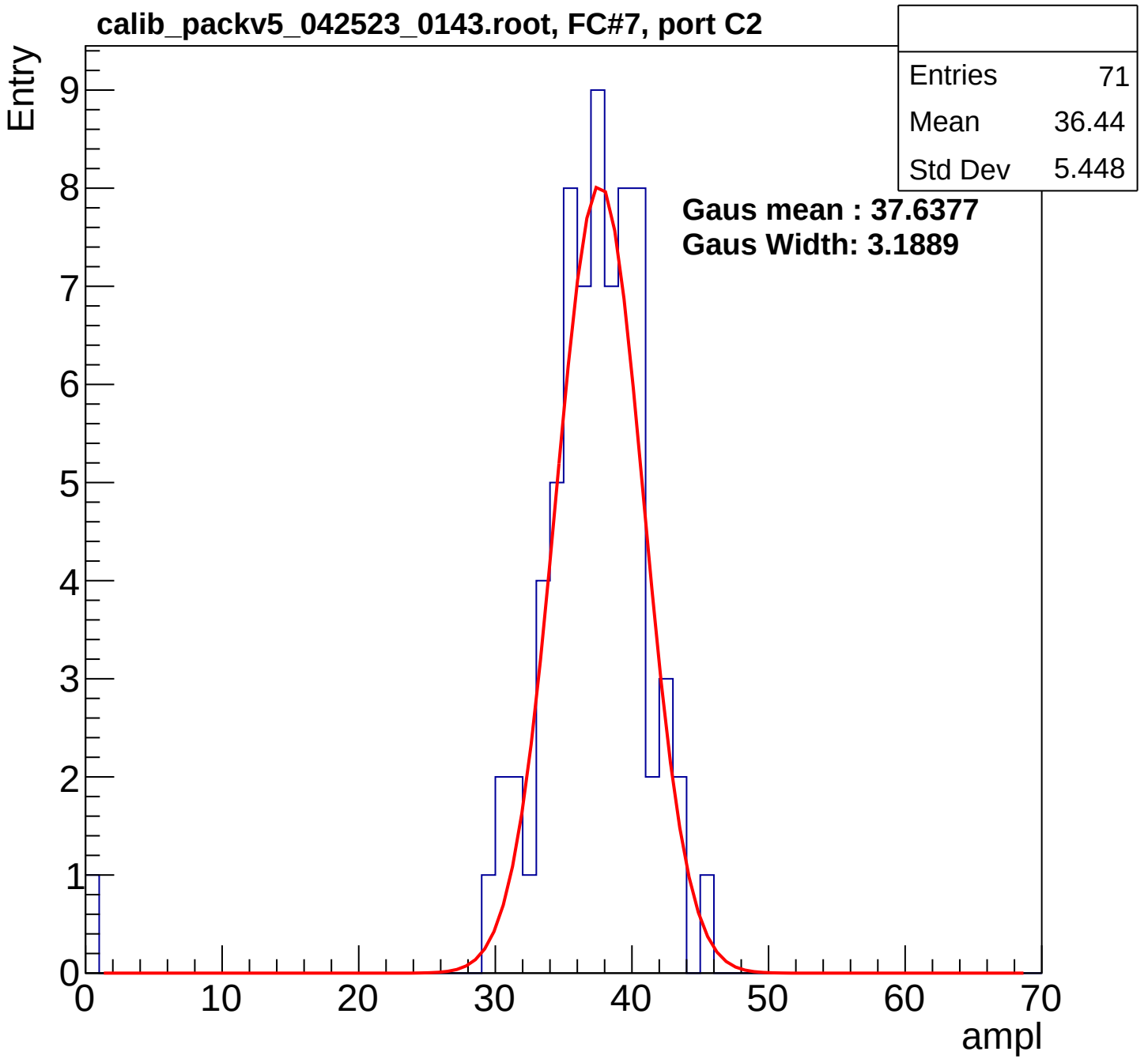

B1L103S, U11-ch77, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 18
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch78, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 29.56
Std Dev 4.91
Gaus mean : 30.4026
Gaus Width: 3.9215
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch78, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 36.44
Std Dev 5.448
Gaus mean : 37.6377
Gaus Width: 3.1889
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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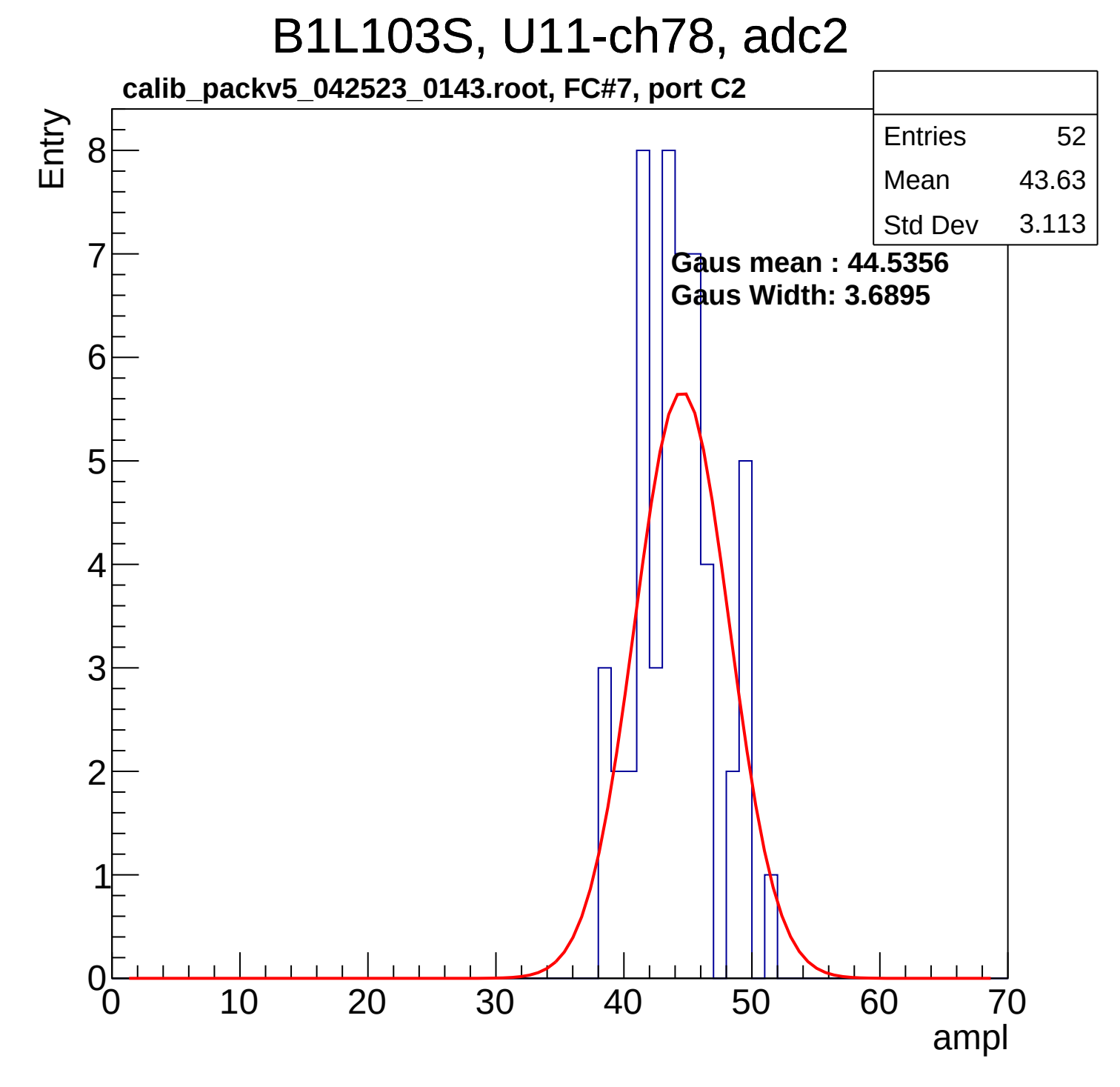
B1L103S, U11-ch78, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 52
Mean 43.63
Std Dev 3.113
Gaus mean : 44.5356
Gaus Width: 3.6895
Entry
ampl
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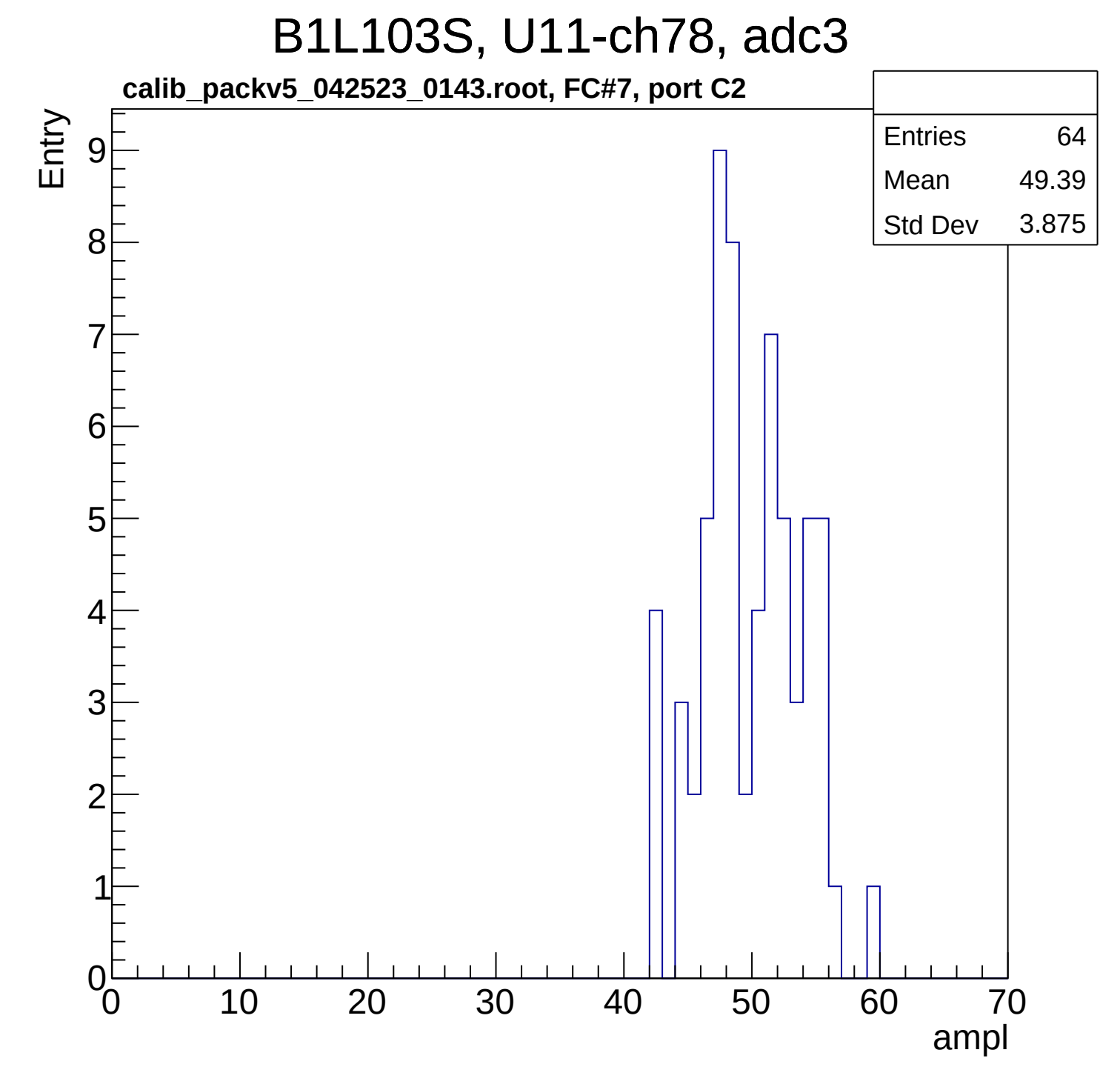
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch78, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 49.39
Std Dev 3.875
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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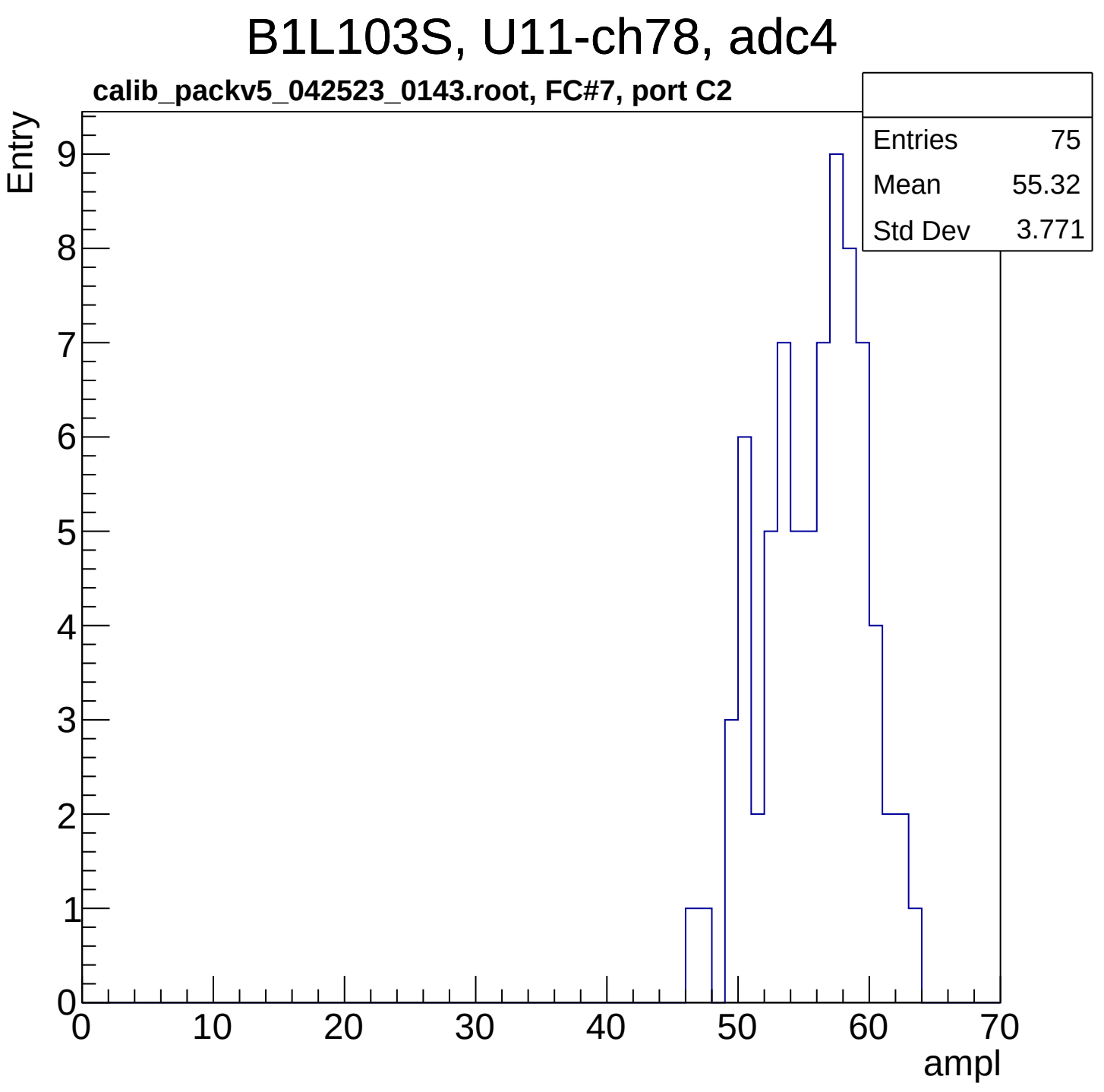
B1L103S, U11-ch78, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 75
Mean 55.32
Std Dev 3.771
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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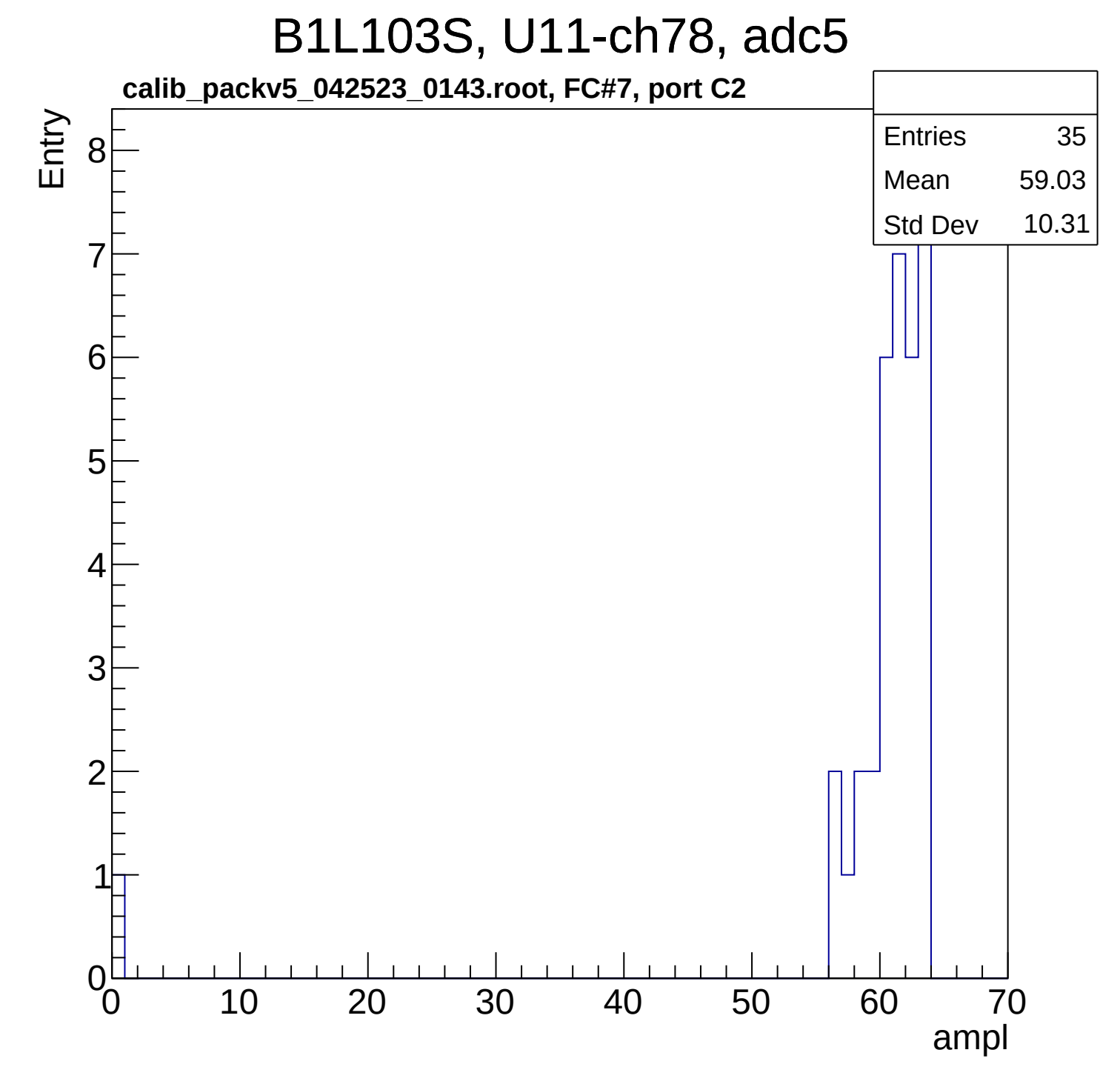
B1L103S, U11-ch78, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 35
Mean 59.03
Std Dev 10.31
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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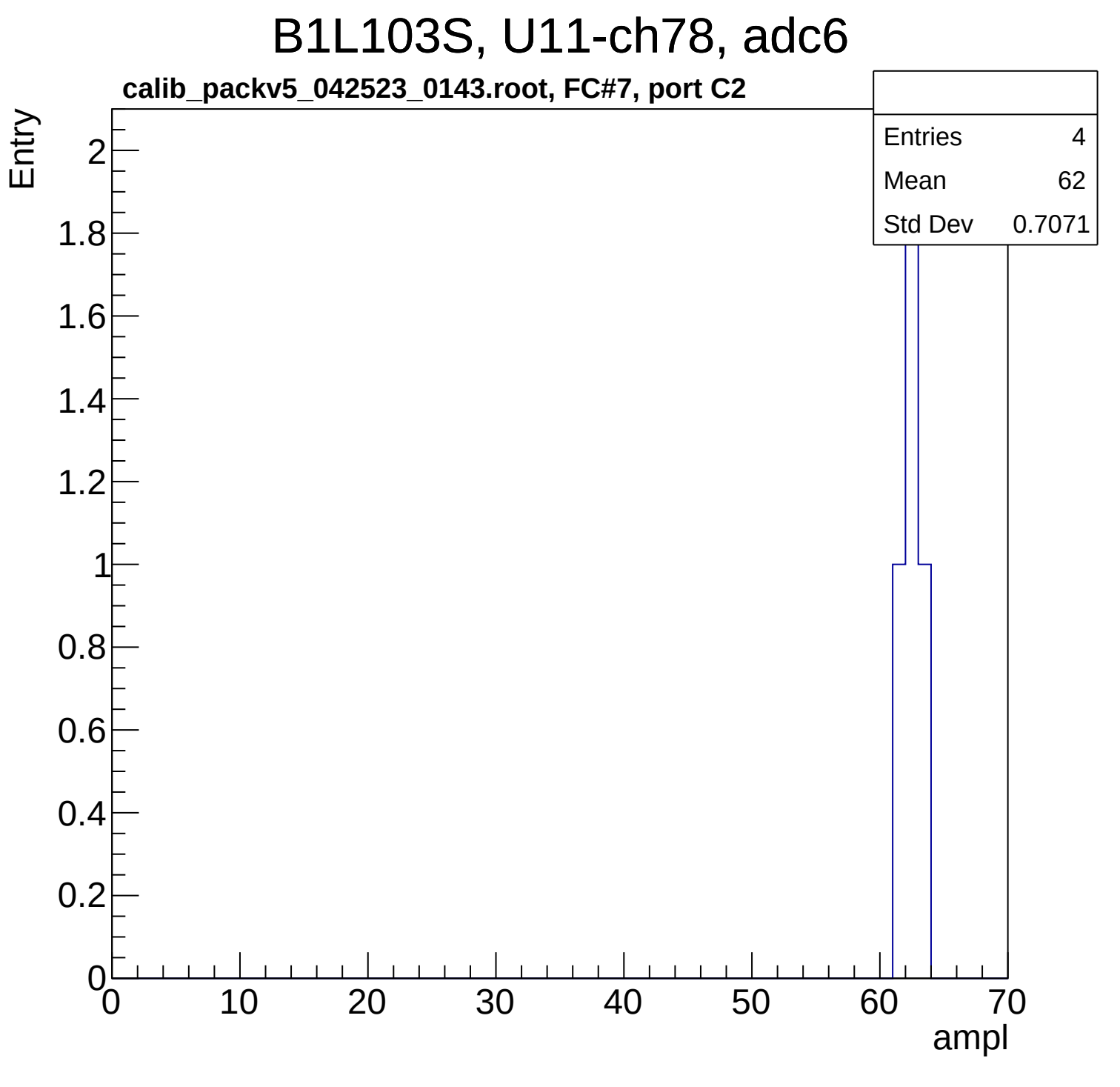
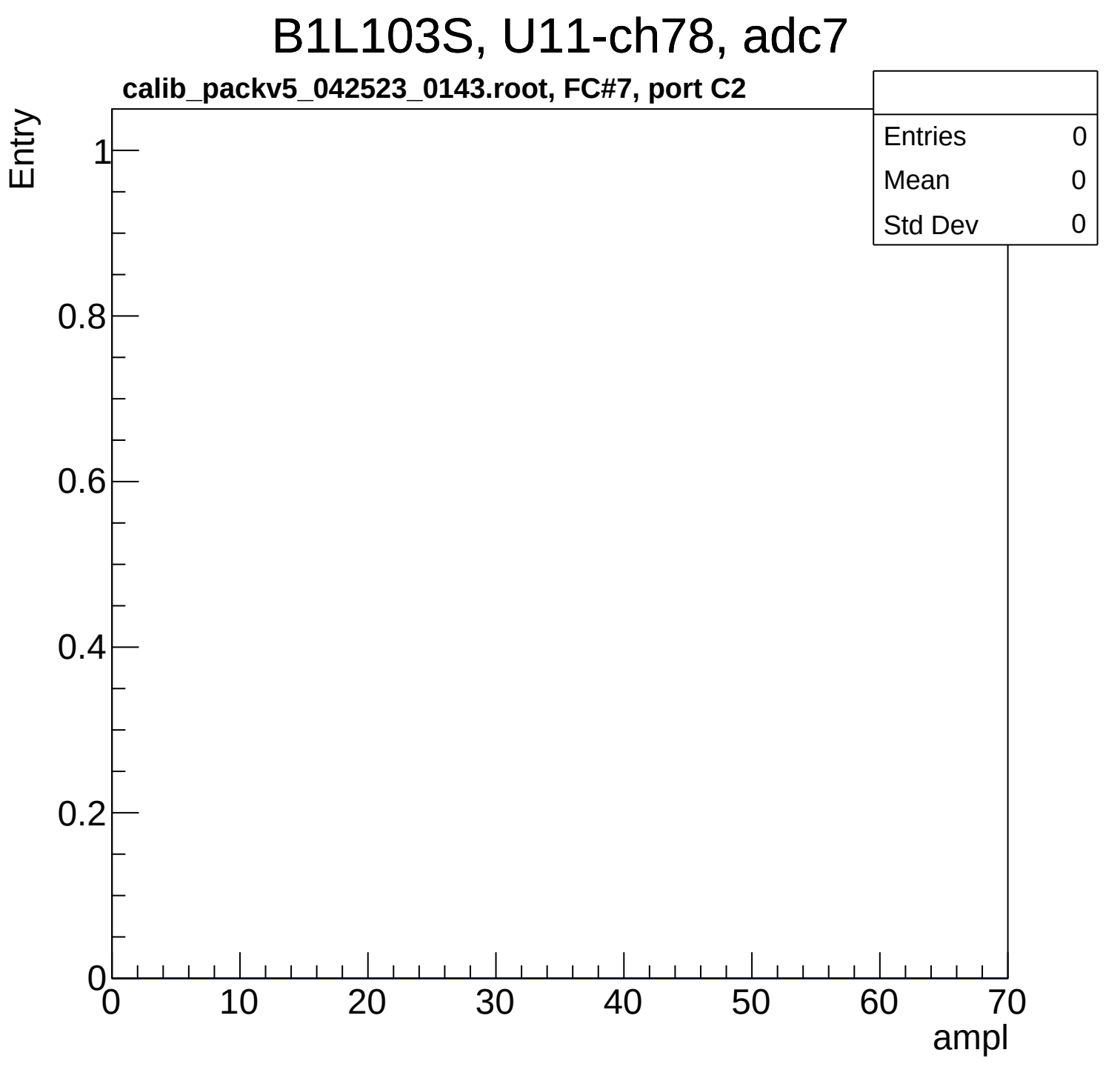
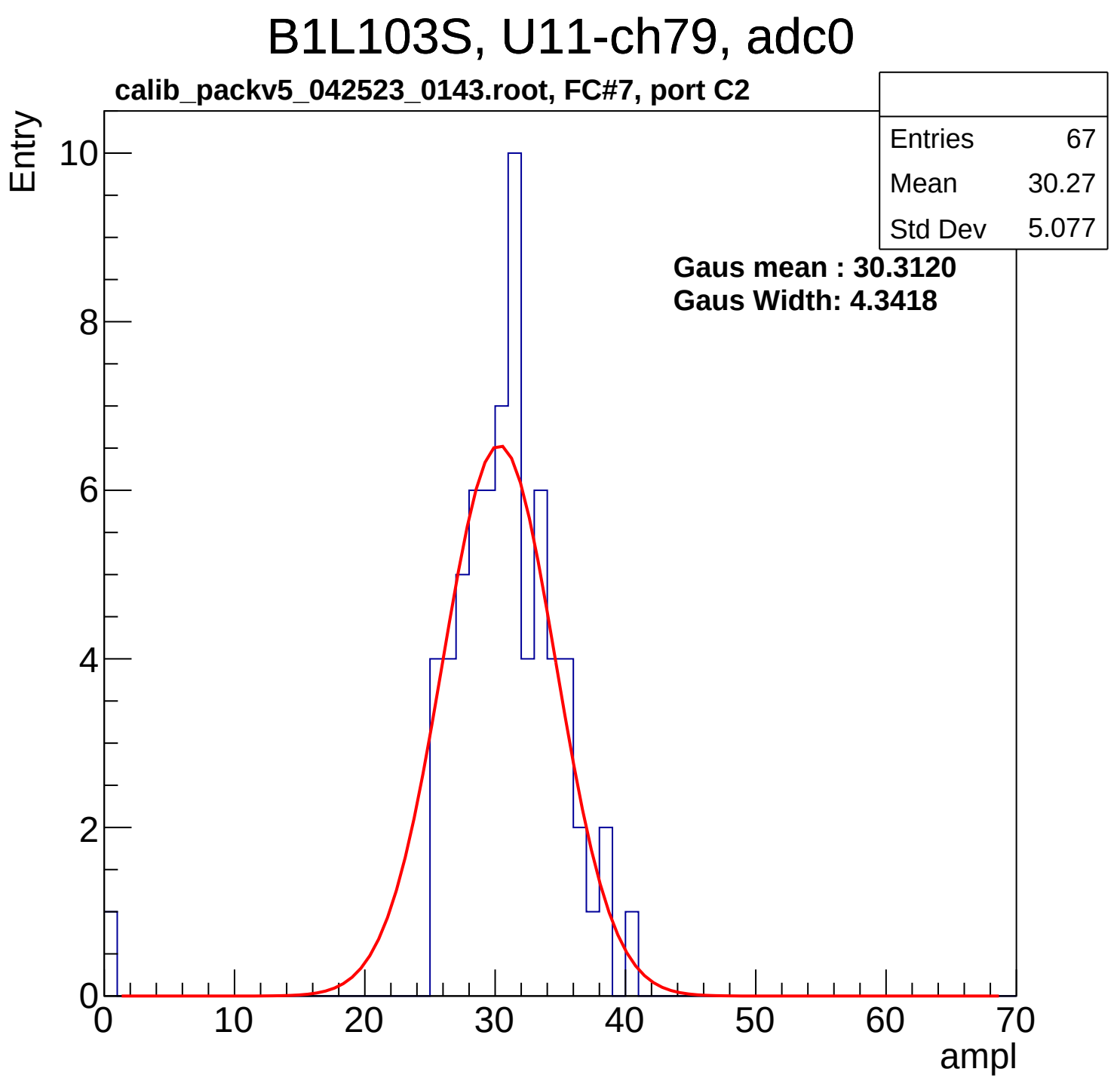
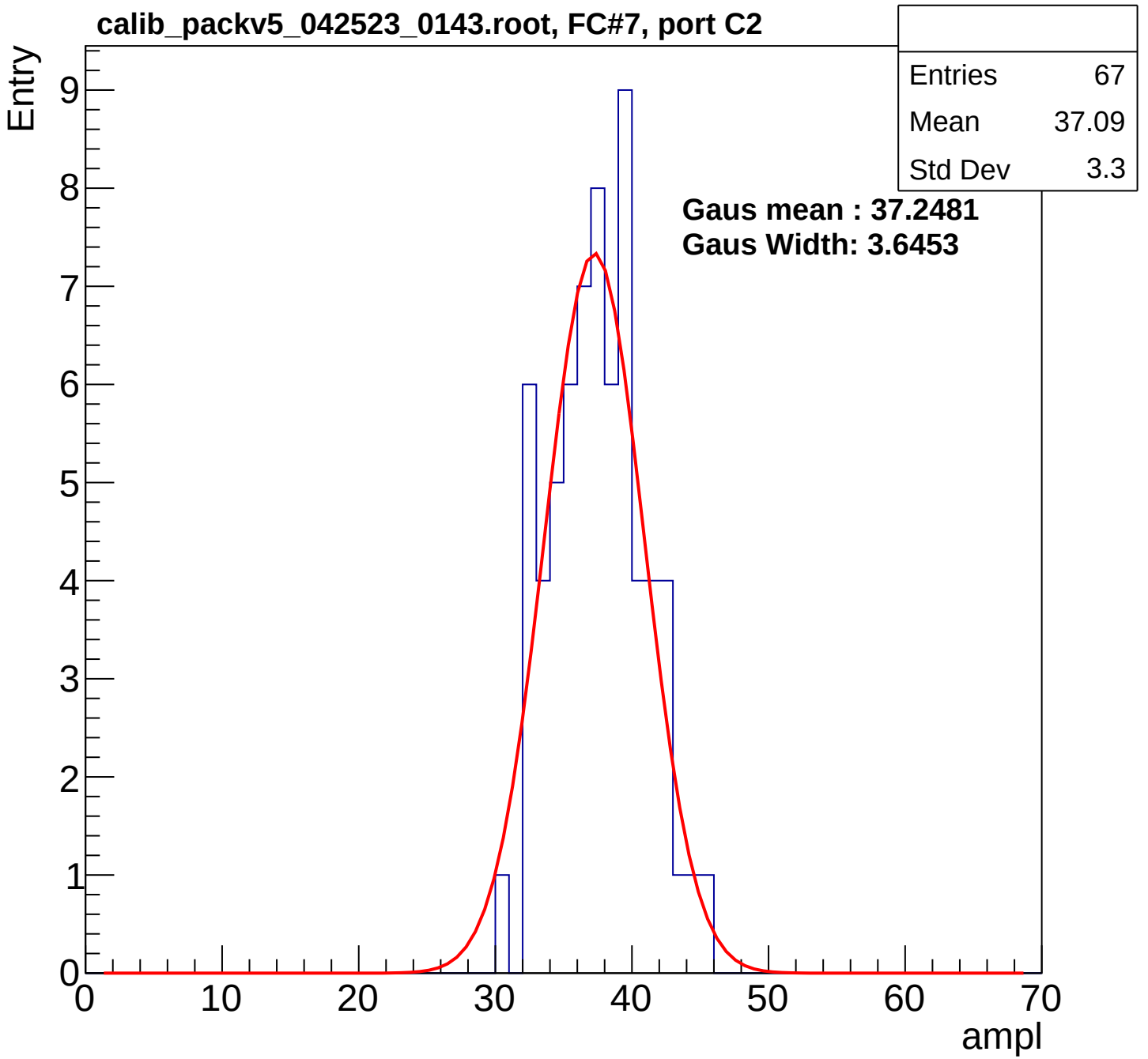
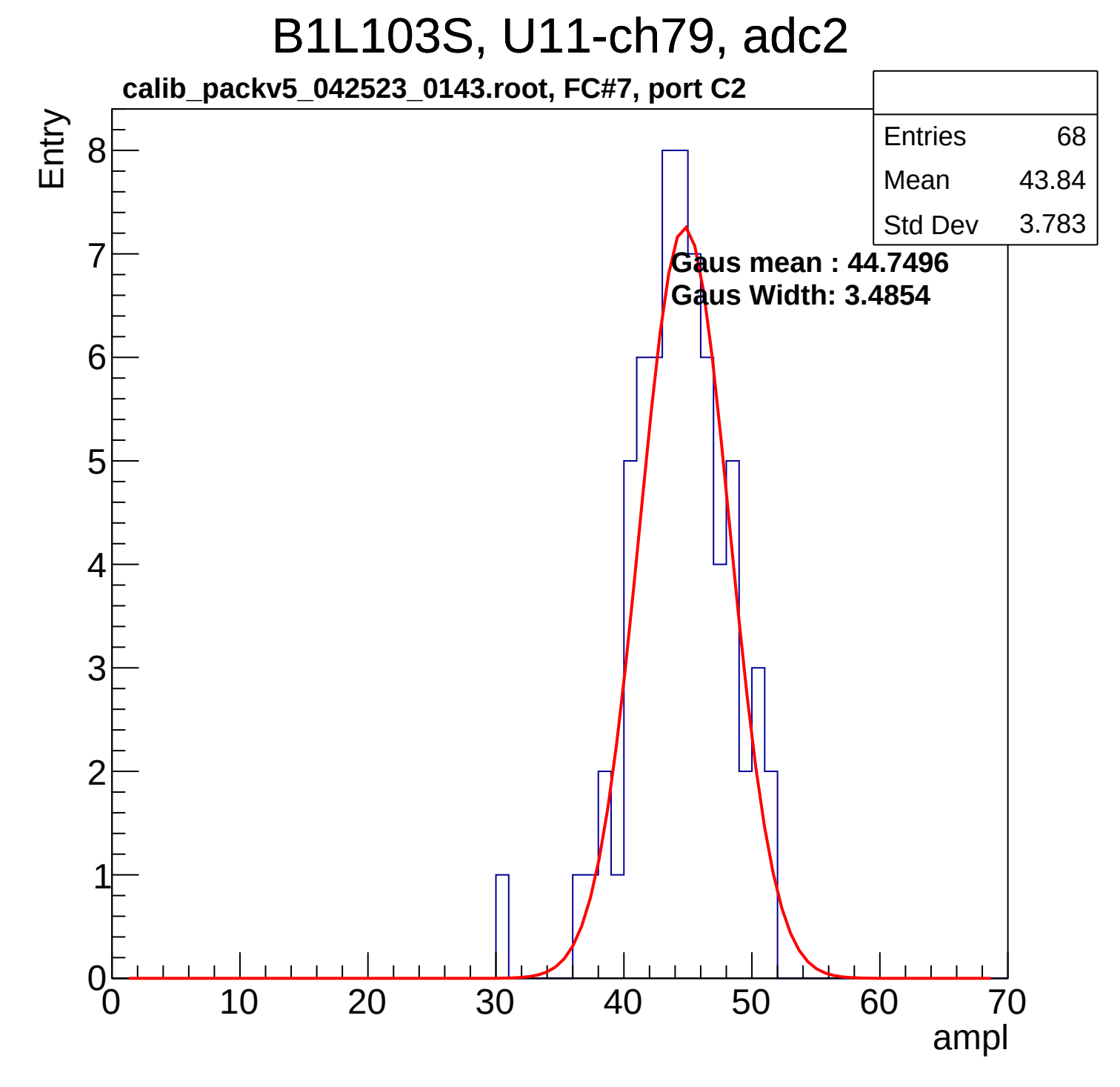

B1L103S, U11-ch78, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 4
Mean 62
Std Dev 0.7071
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L103S, U11-ch78, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch79, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 30.27
Std Dev 5.077
Gaus mean : 30.3120
Gaus Width: 4.3418
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch79, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 37.09
Std Dev 3.3
Gaus mean : 37.2481
Gaus Width: 3.6453
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch79, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 43.84
Std Dev 3.783
Gaus mean : 44.7496
Gaus Width: 3.4854
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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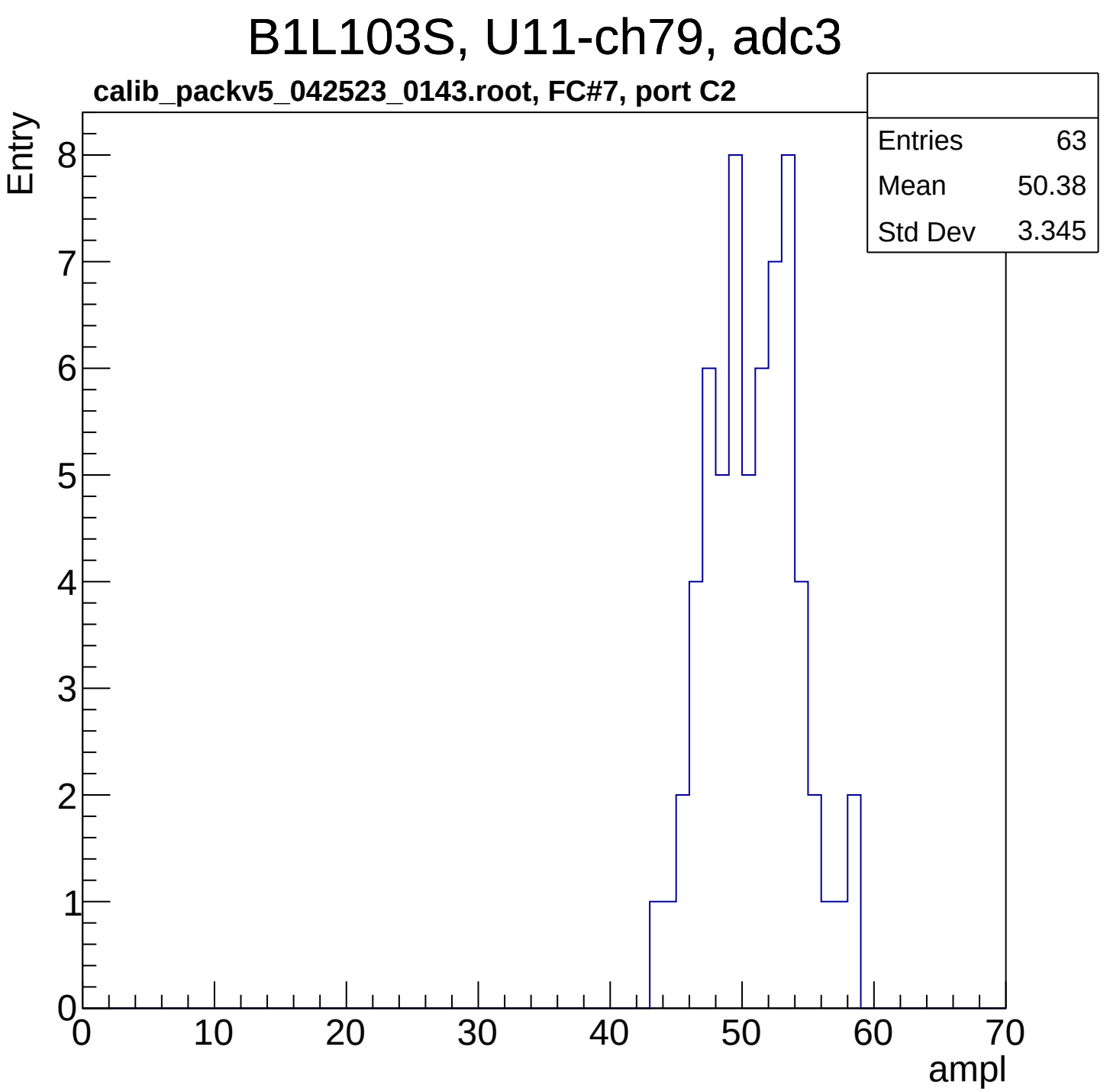
40
50
60
70


B1L103S, U11-ch79, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 50.38
Std Dev 3.345
Entry
ampl
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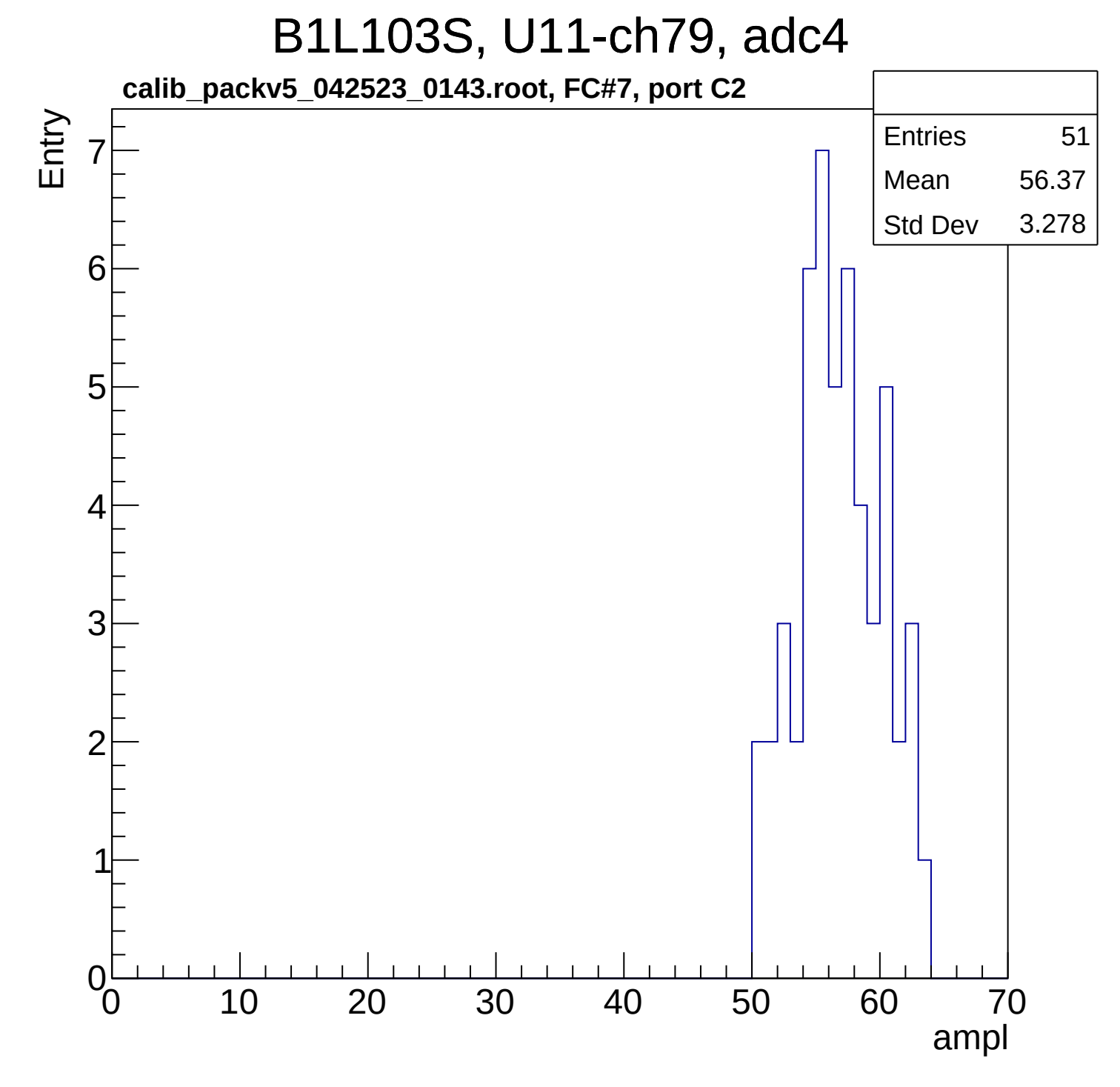
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch79, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 56.37
Std Dev 3.278
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
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40
50
60
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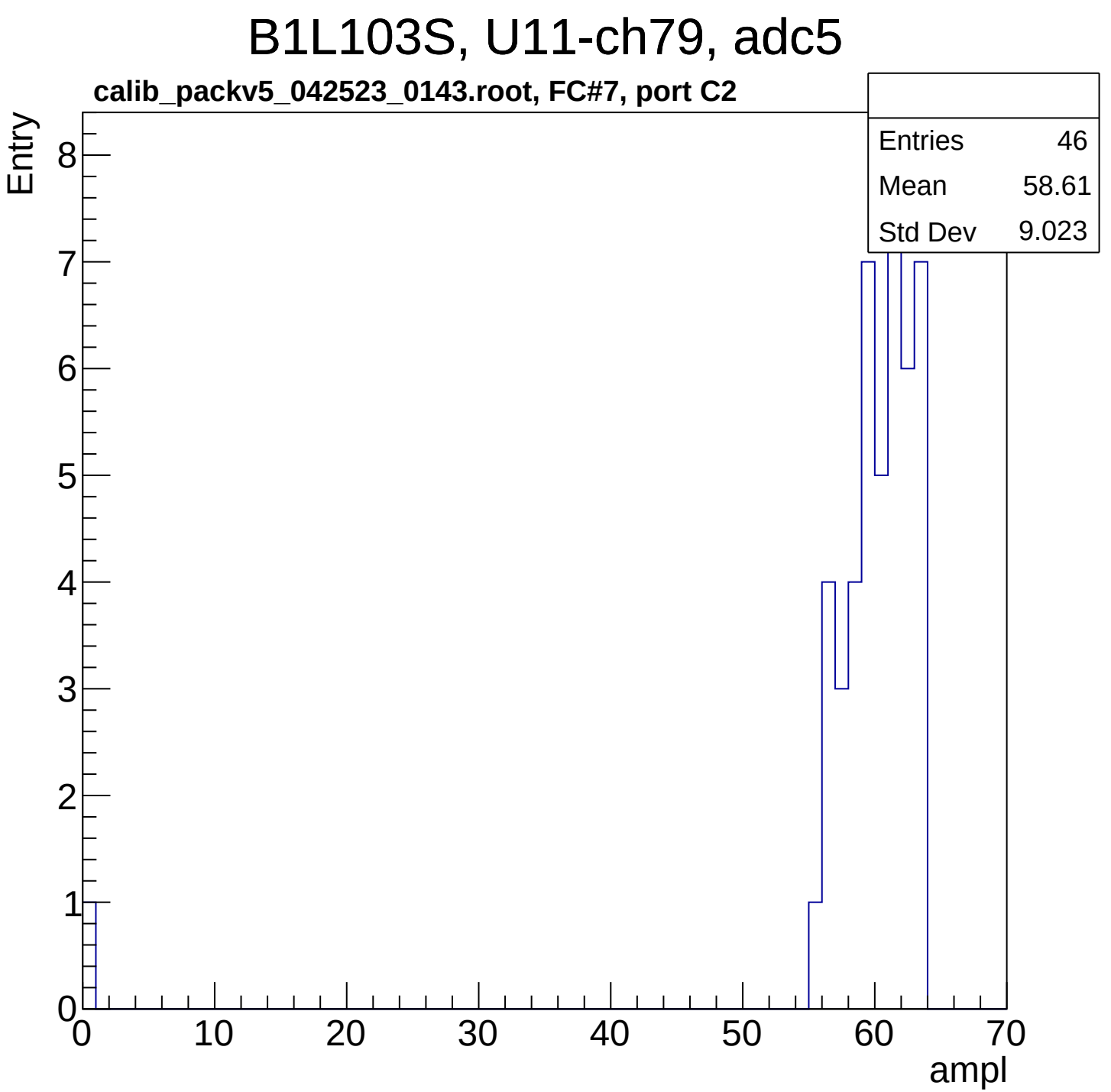
B1L103S, U11-ch79, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 46
Mean 58.61
Std Dev 9.023
Entry
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2
3
4
5
6
7
8
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10
20
30
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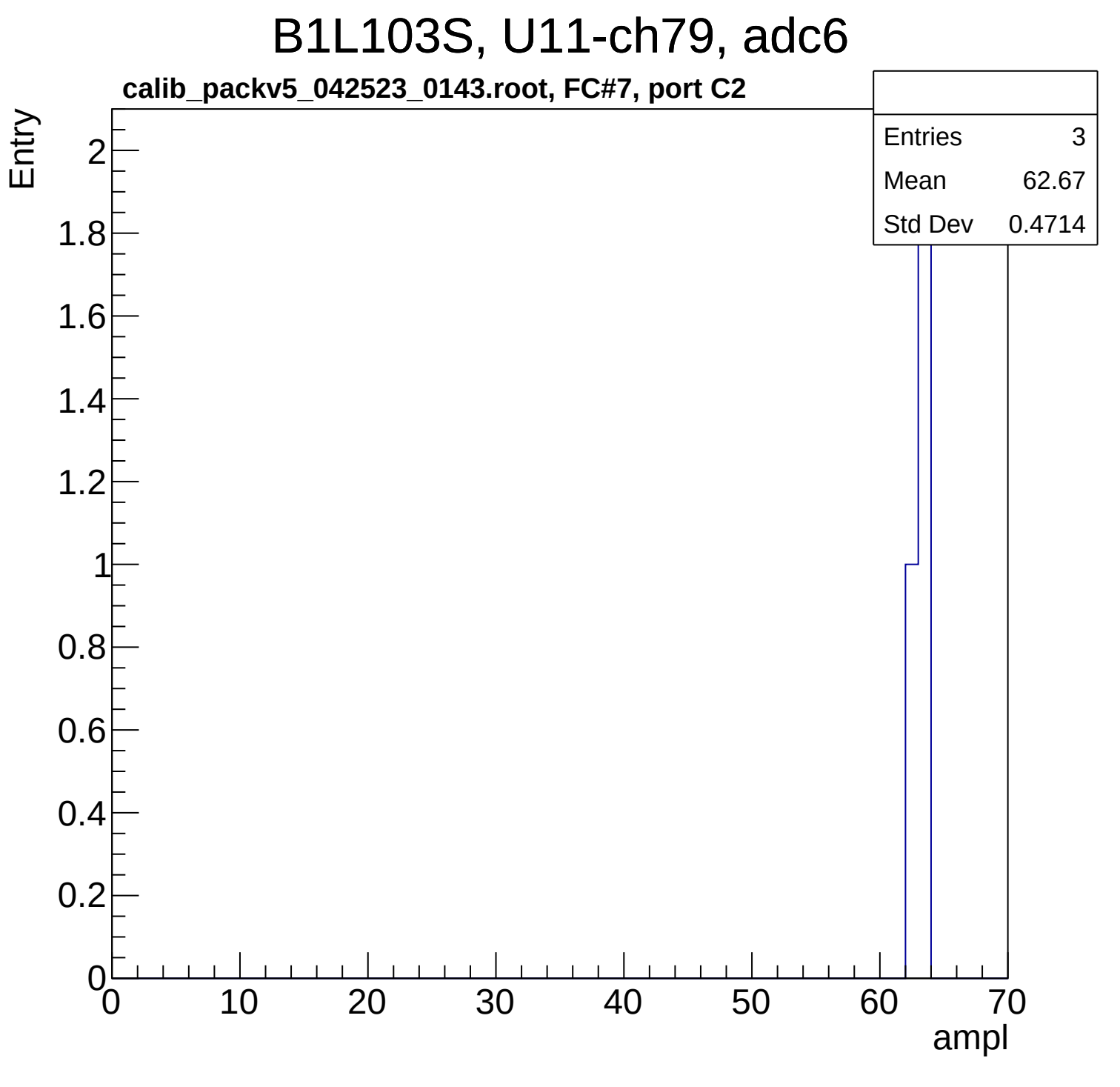
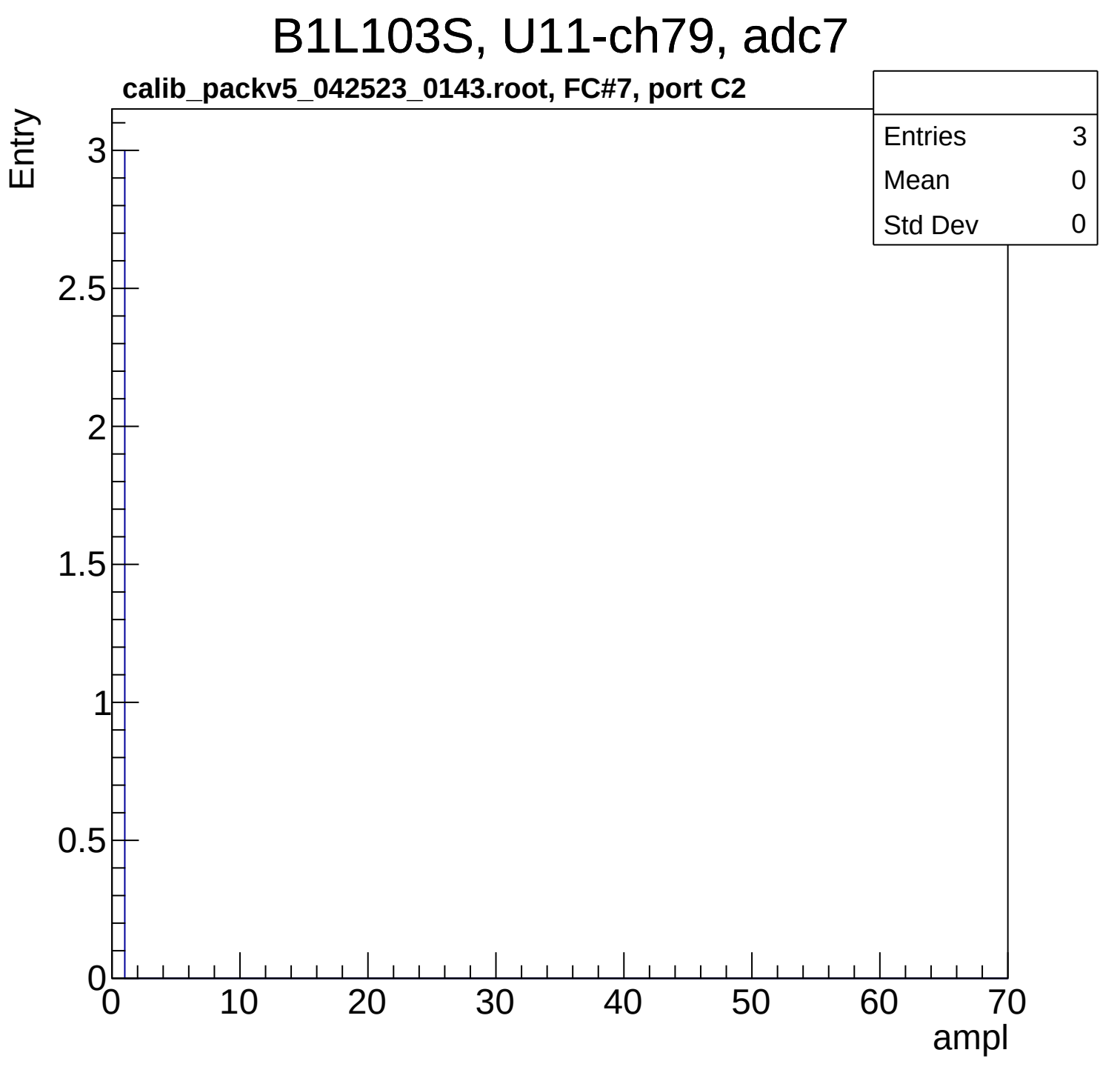
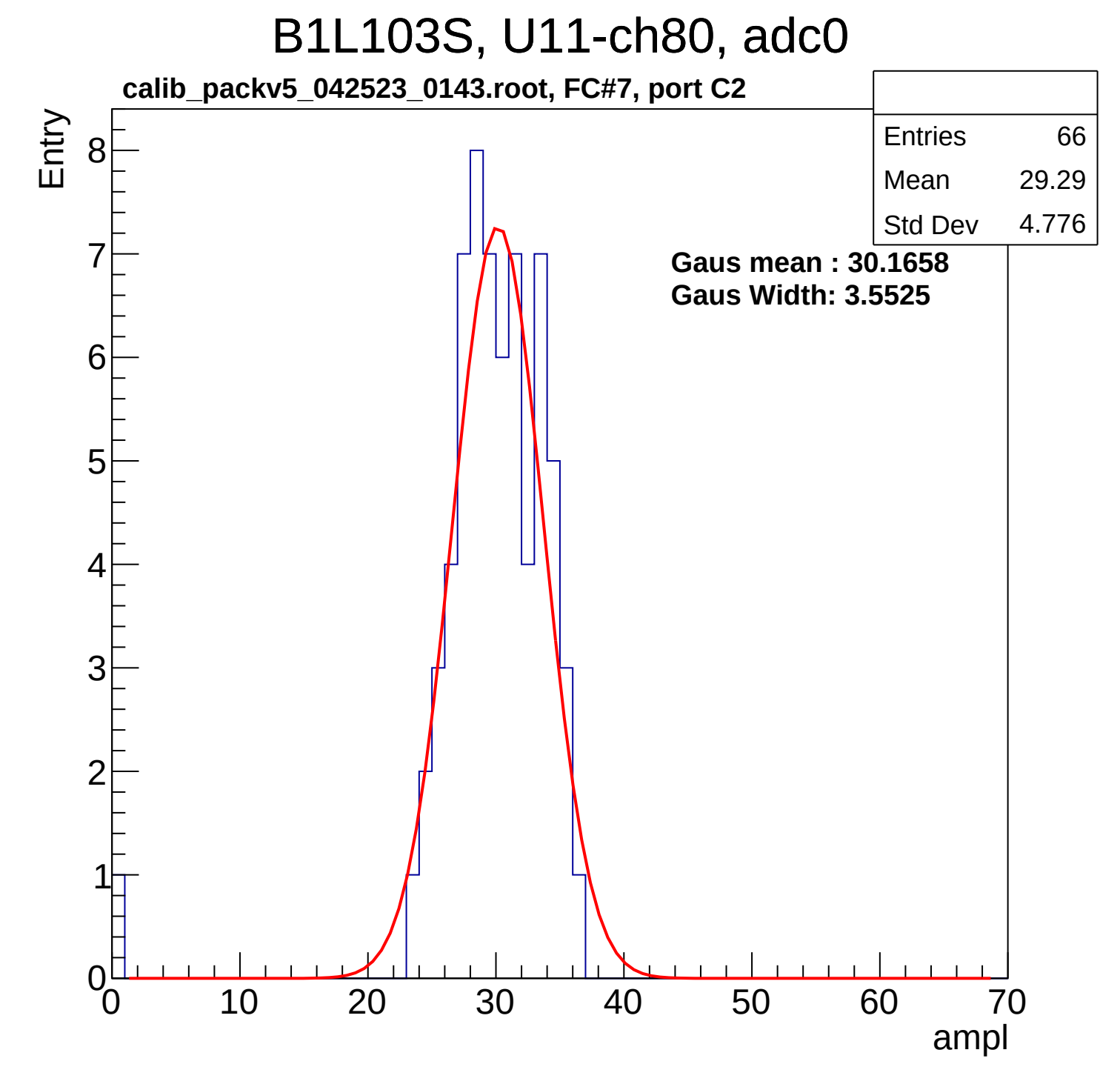
50
60
70
ampl


B1L103S, U11-ch79, adc6
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch79, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 0
Std Dev 0
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch80, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 29.29
Std Dev 4.776
Gaus mean : 30.1658
Gaus Width: 3.5525
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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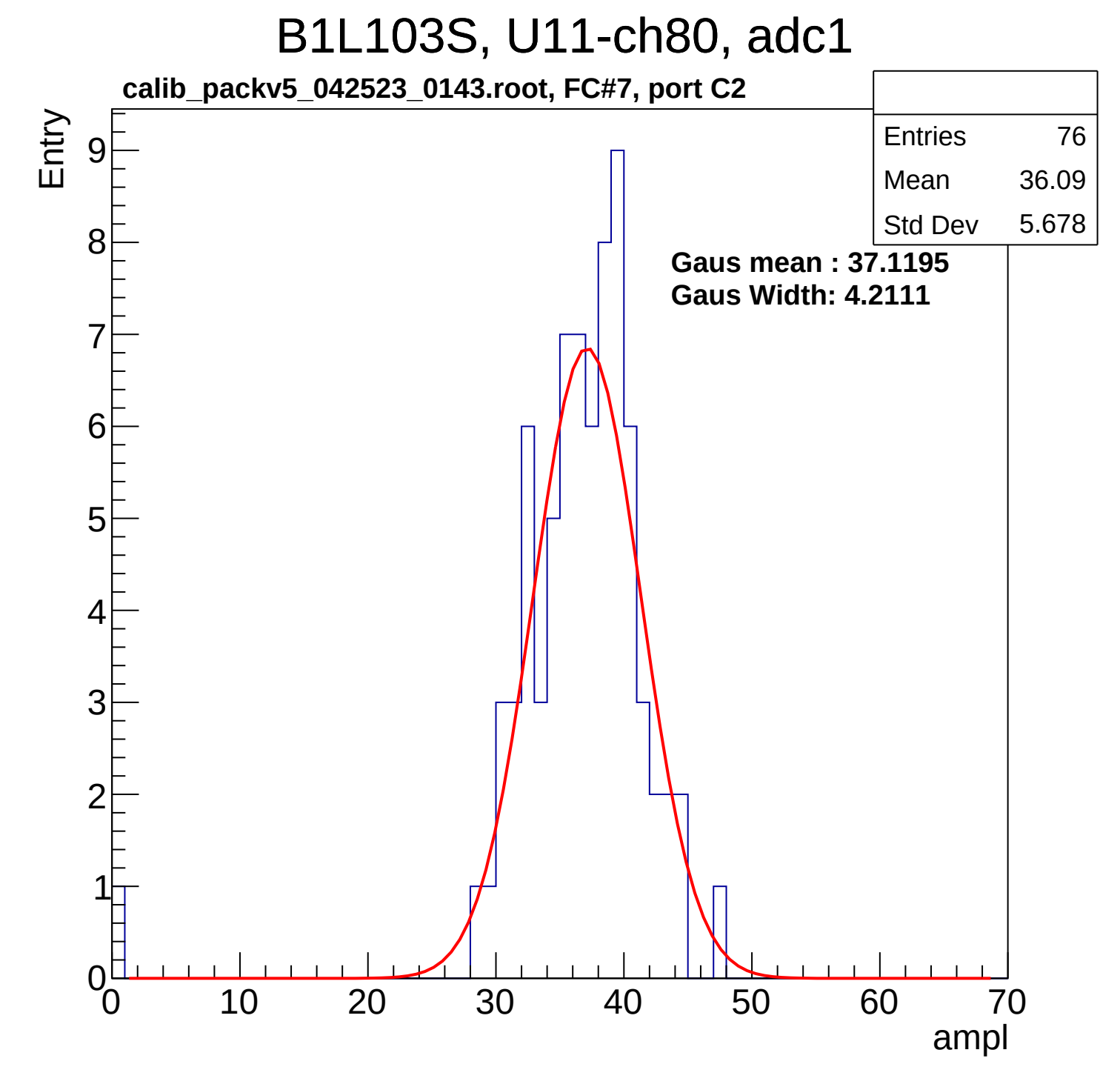
B1L103S, U11-ch80, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 36.09
Std Dev 5.678
Gaus mean : 37.1195
Gaus Width: 4.2111
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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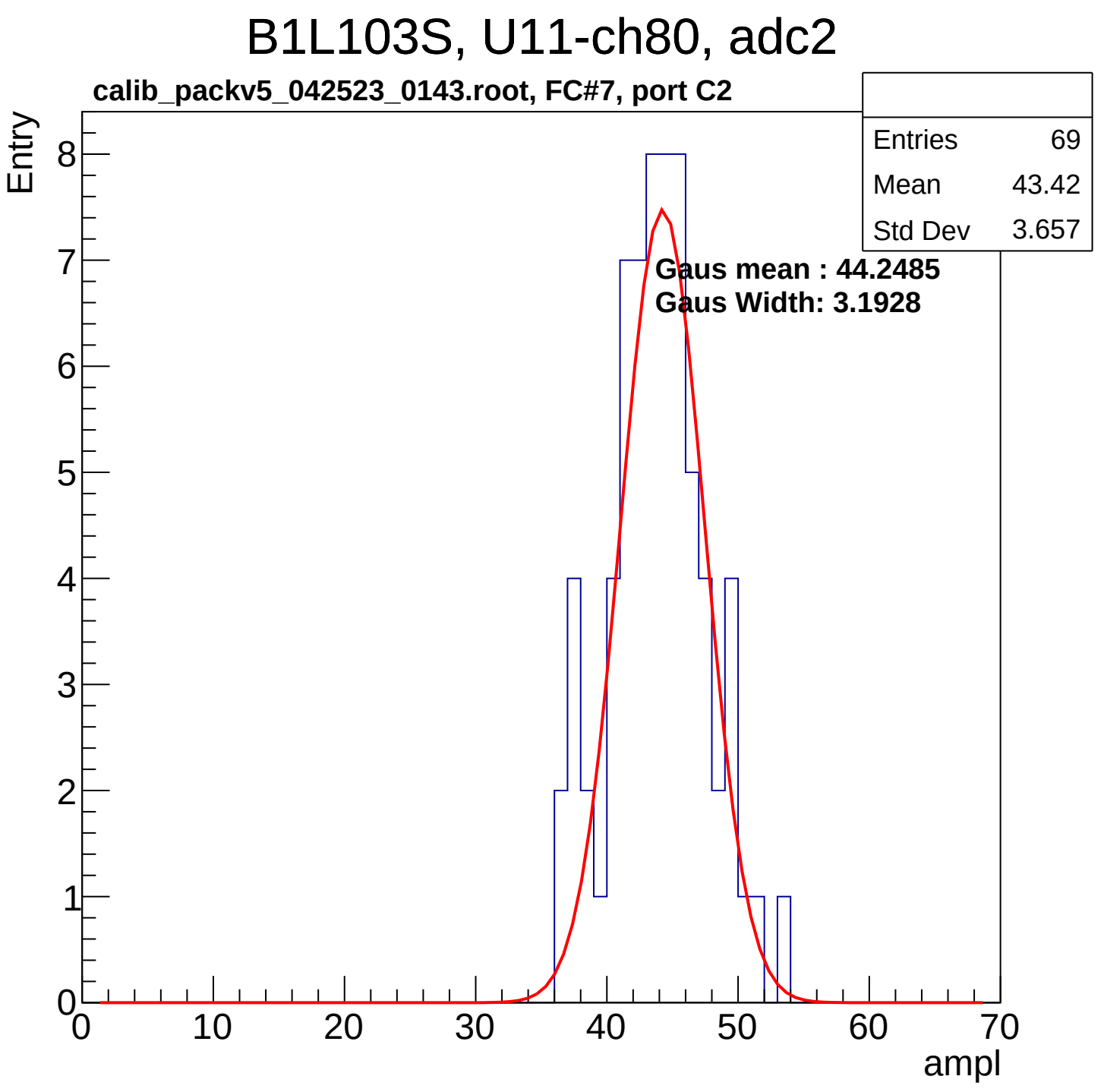
B1L103S, U11-ch80, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 43.42
Std Dev 3.657
Gaus mean : 44.2485
Gaus Width: 3.1928
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
50
60
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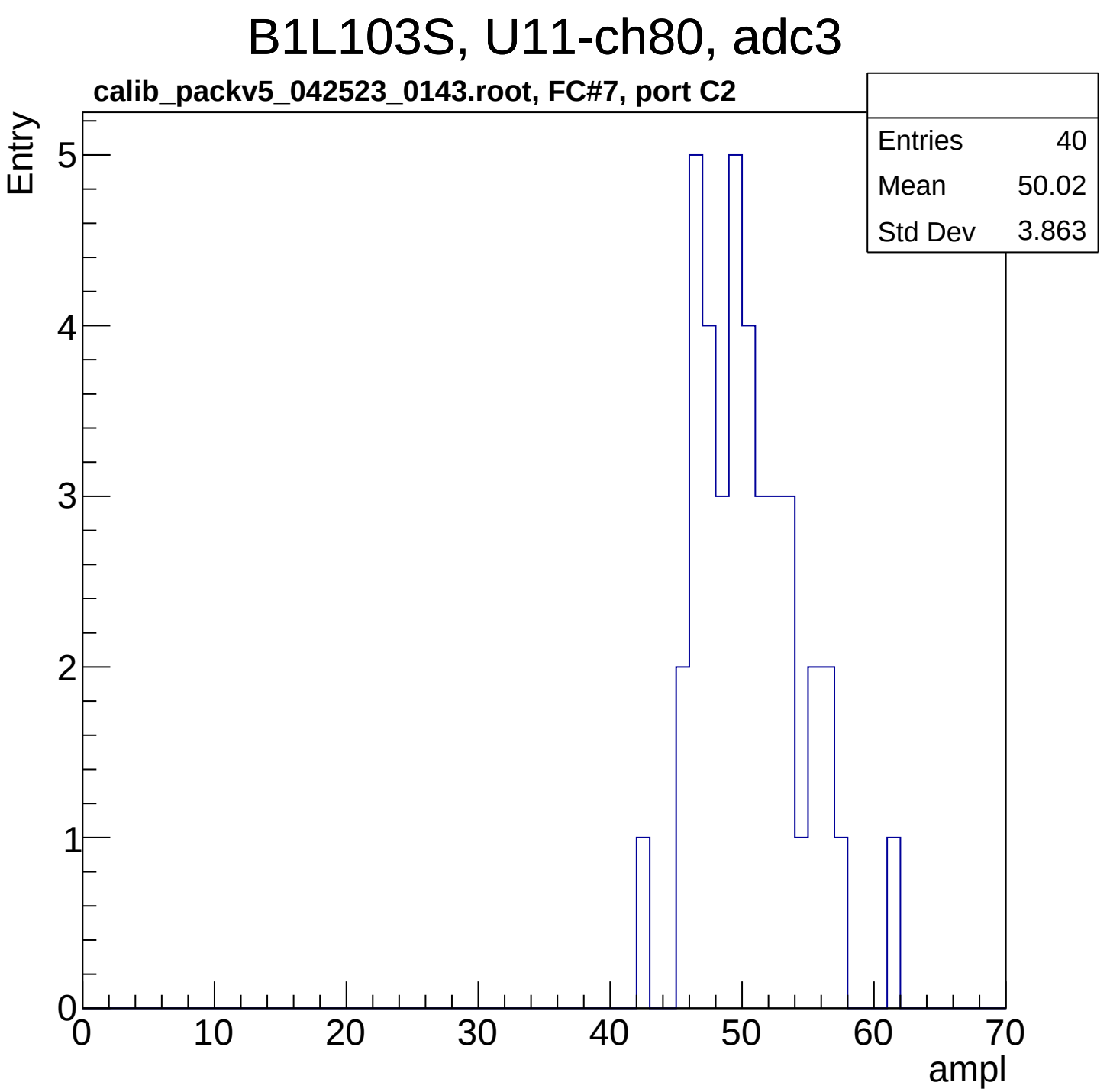
B1L103S, U11-ch80, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 40
Mean 50.02
Std Dev 3.863
Entry
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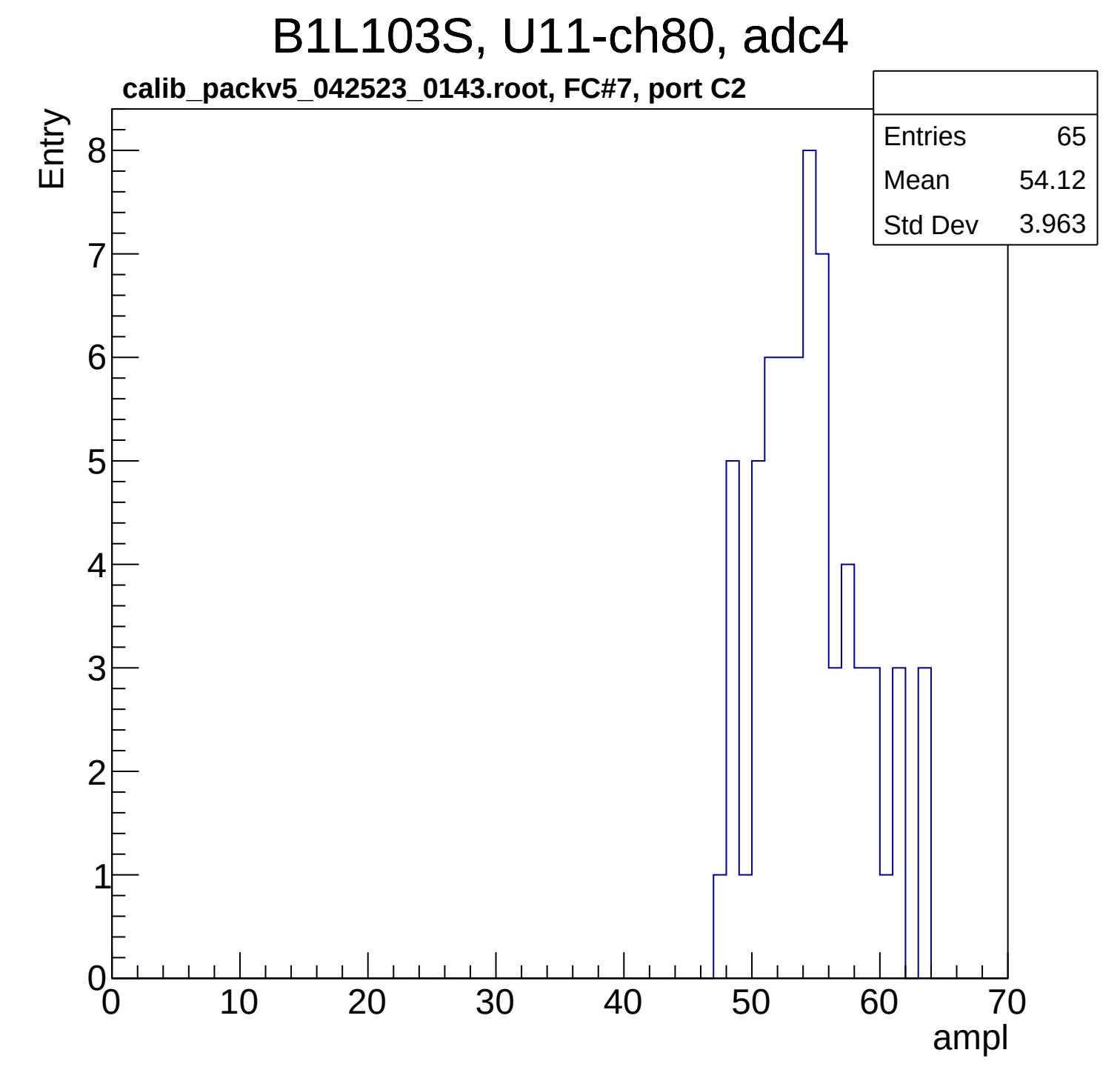
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch80, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 54.12
Std Dev 3.963
Entry
ampl
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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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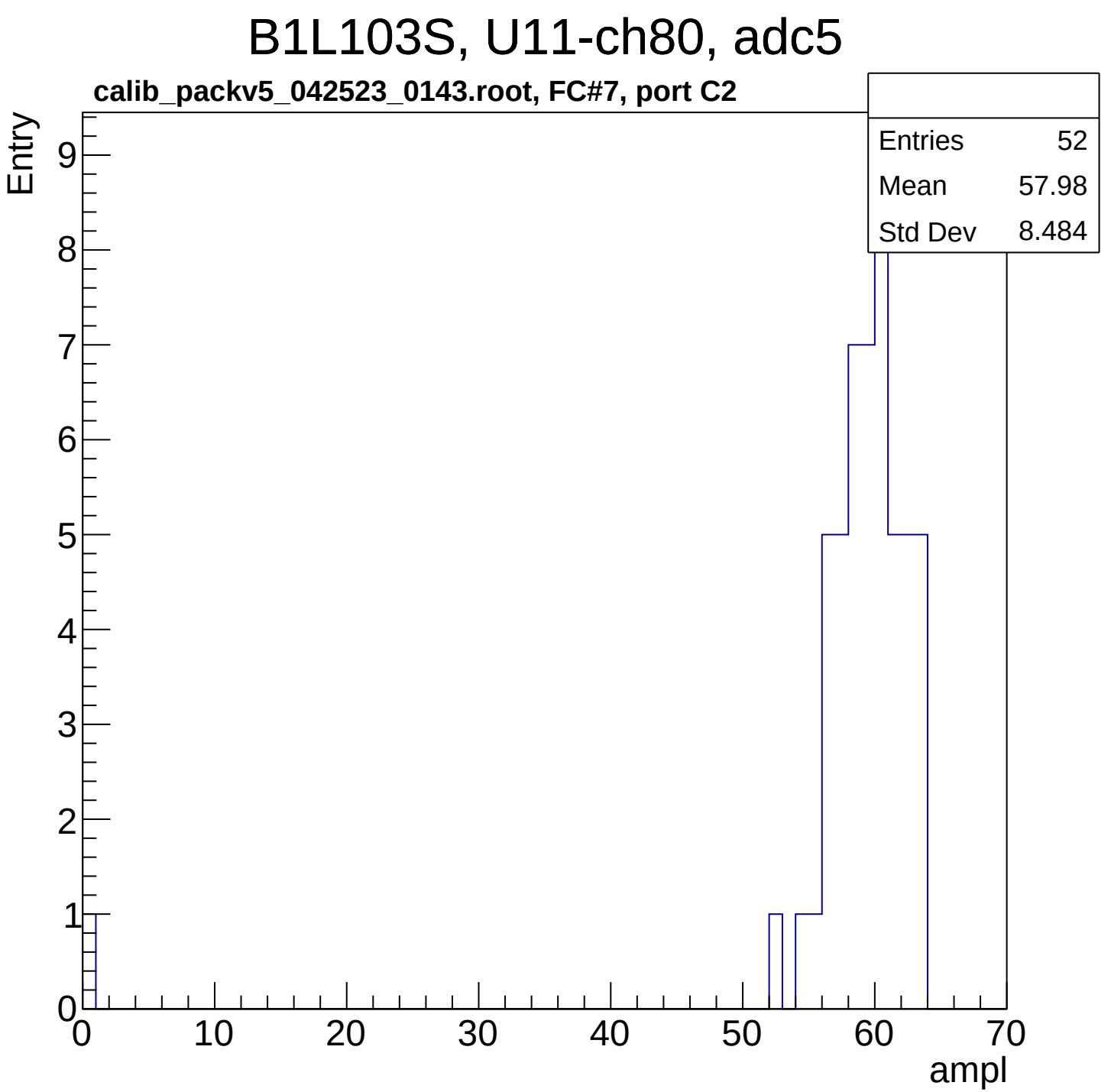
B1L103S, U11-ch80, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 52
Mean 57.98
Std Dev 8.484
Entry
ampl
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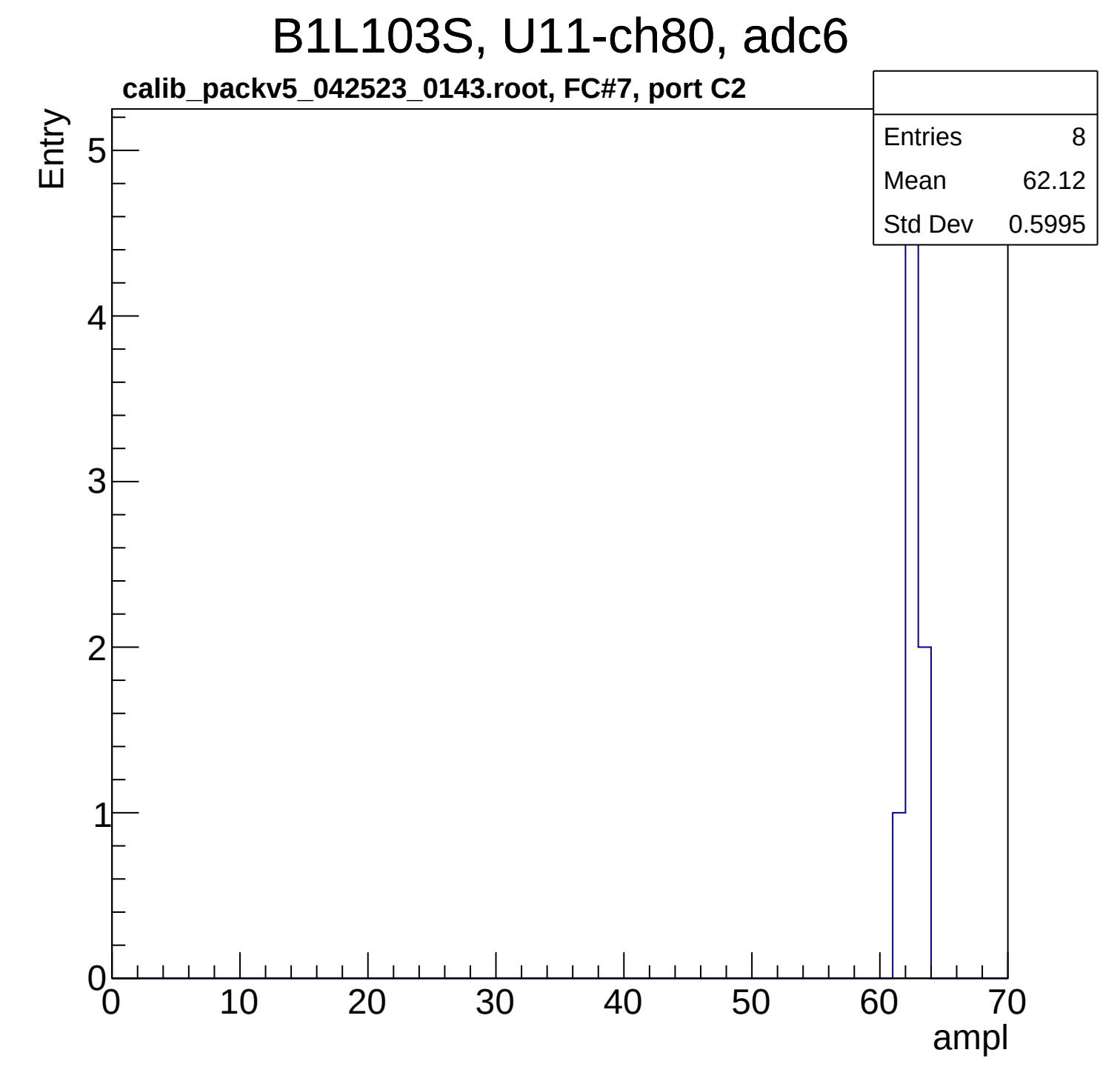
B1L103S, U11-ch80, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 8
Mean 62.12
Std Dev 0.5995
Entry
ampl
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1
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4
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40
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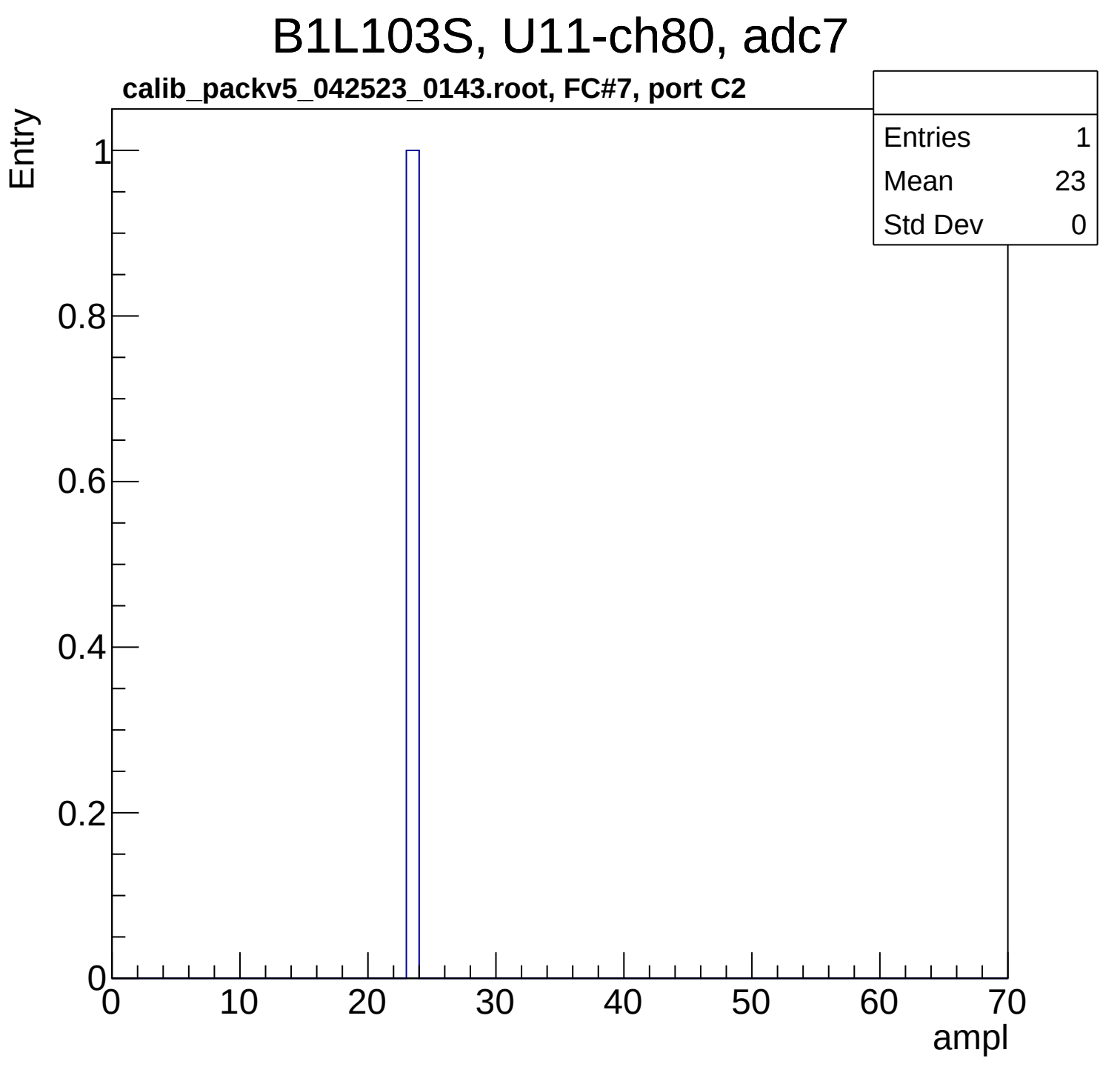
B1L103S, U11-ch80, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 23
Std Dev 0
Entry
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0.6
0.4
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0
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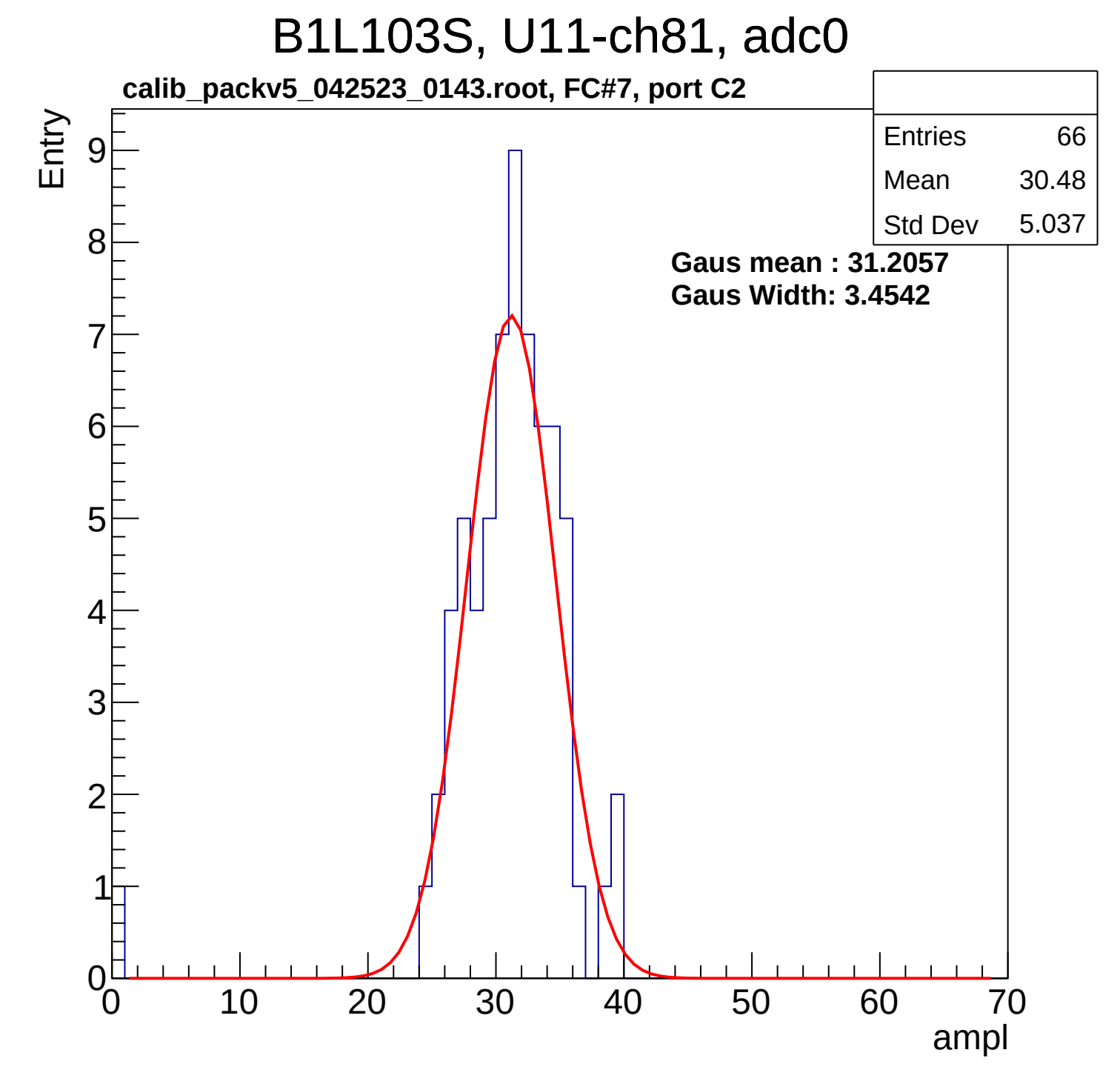
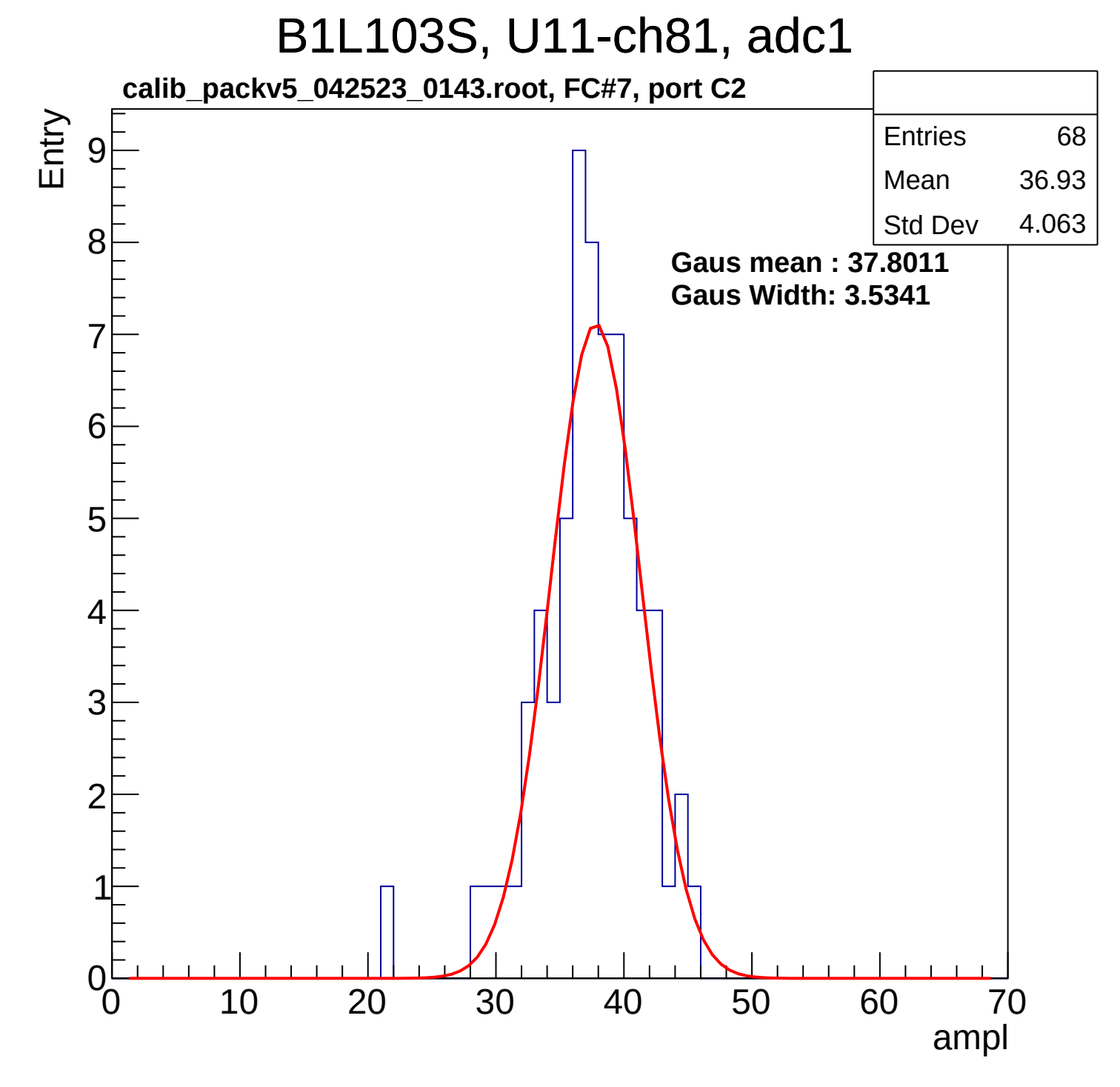
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch81, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 30.48
Std Dev 5.037
Gaus mean : 31.2057
Gaus Width: 3.4542
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch81, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 36.93
Std Dev 4.063
Gaus mean : 37.8011
Gaus Width: 3.5341
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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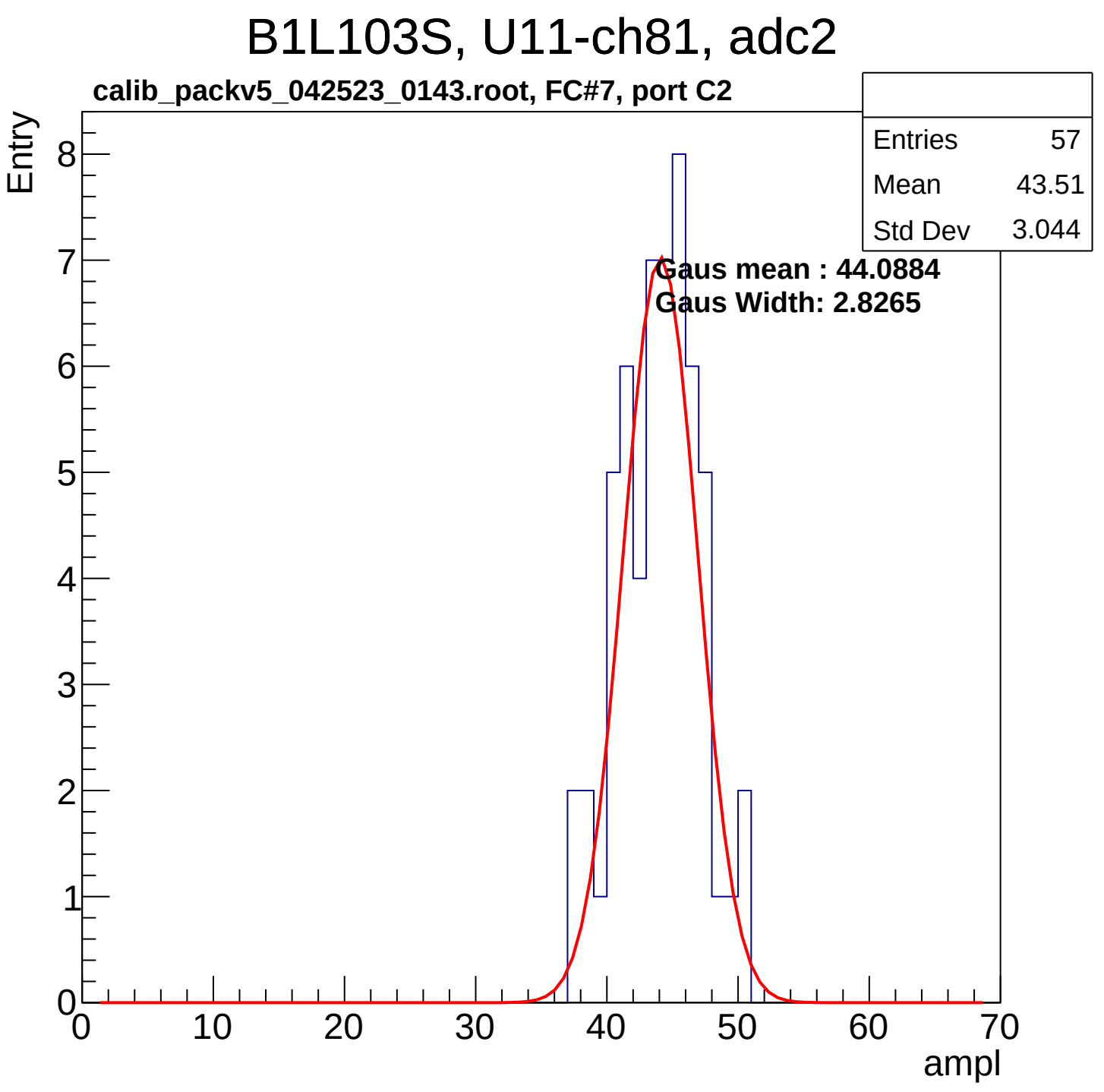
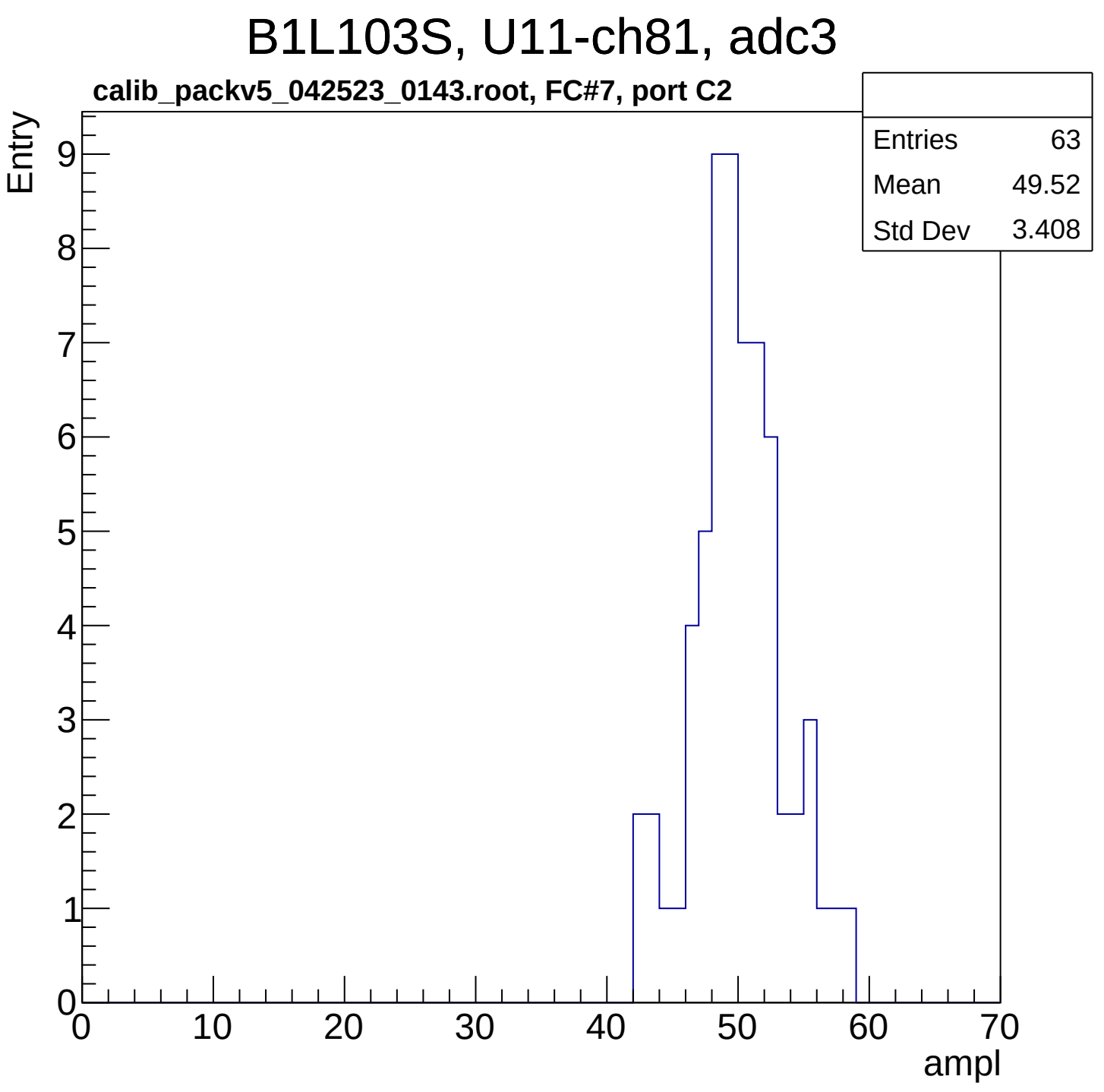

B1L103S, U11-ch81, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 43.51
Std Dev 3.044
Gaus mean : 44.0884
Gaus Width: 2.8265
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch81, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 49.52
Std Dev 3.408
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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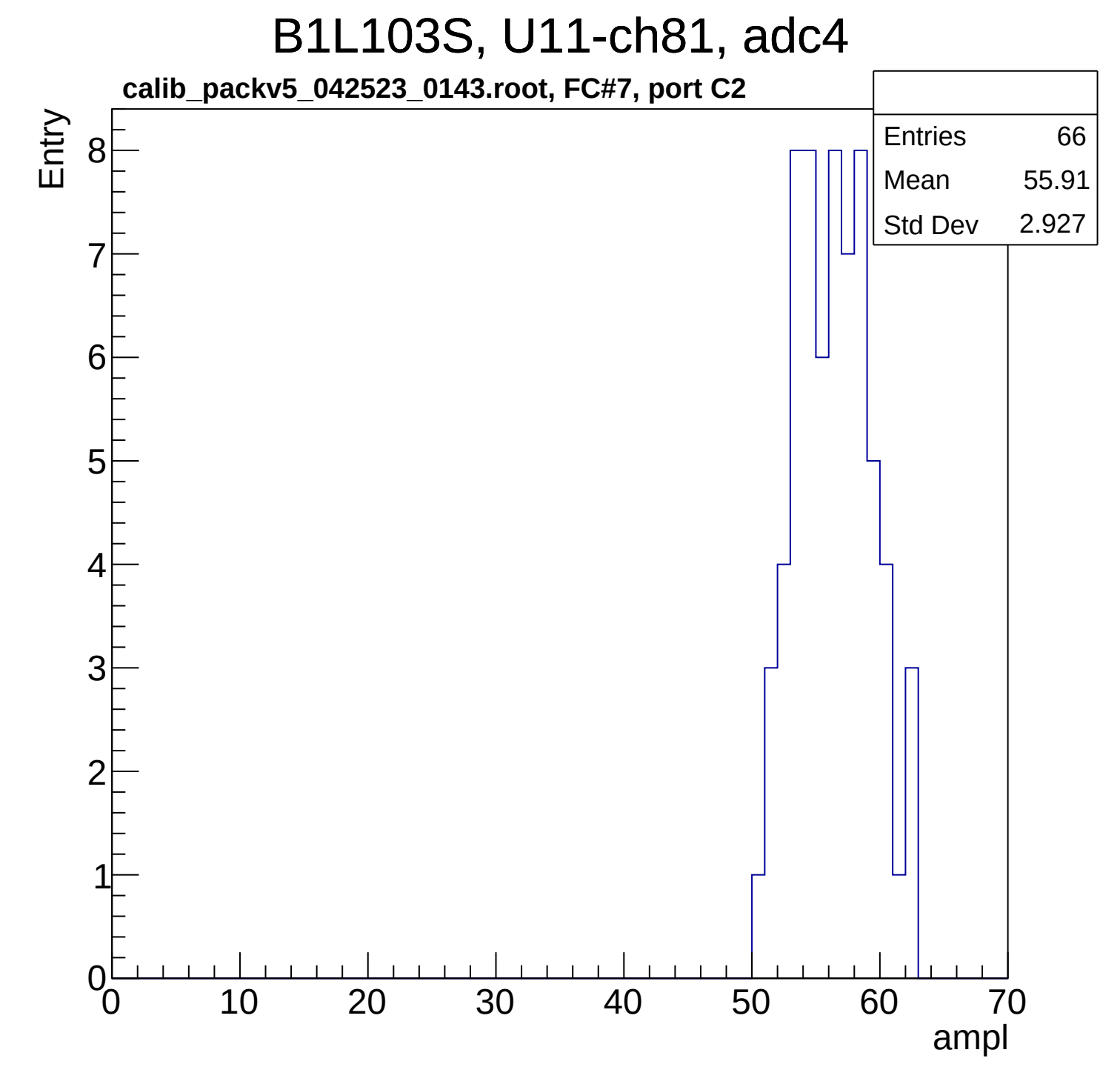
B1L103S, U11-ch81, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 55.91
Std Dev 2.927
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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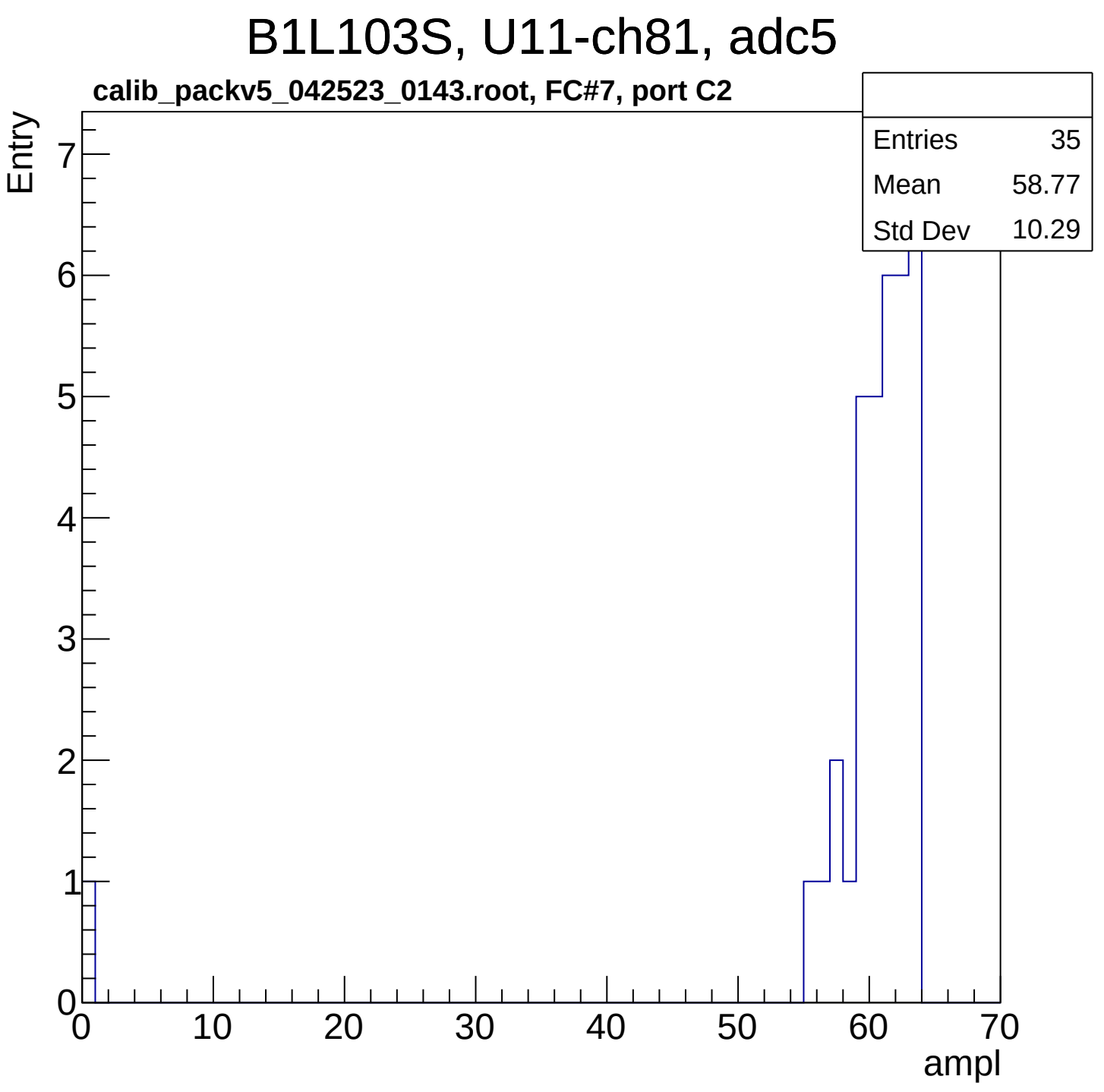
B1L103S, U11-ch81, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 35
Mean 58.77
Std Dev 10.29
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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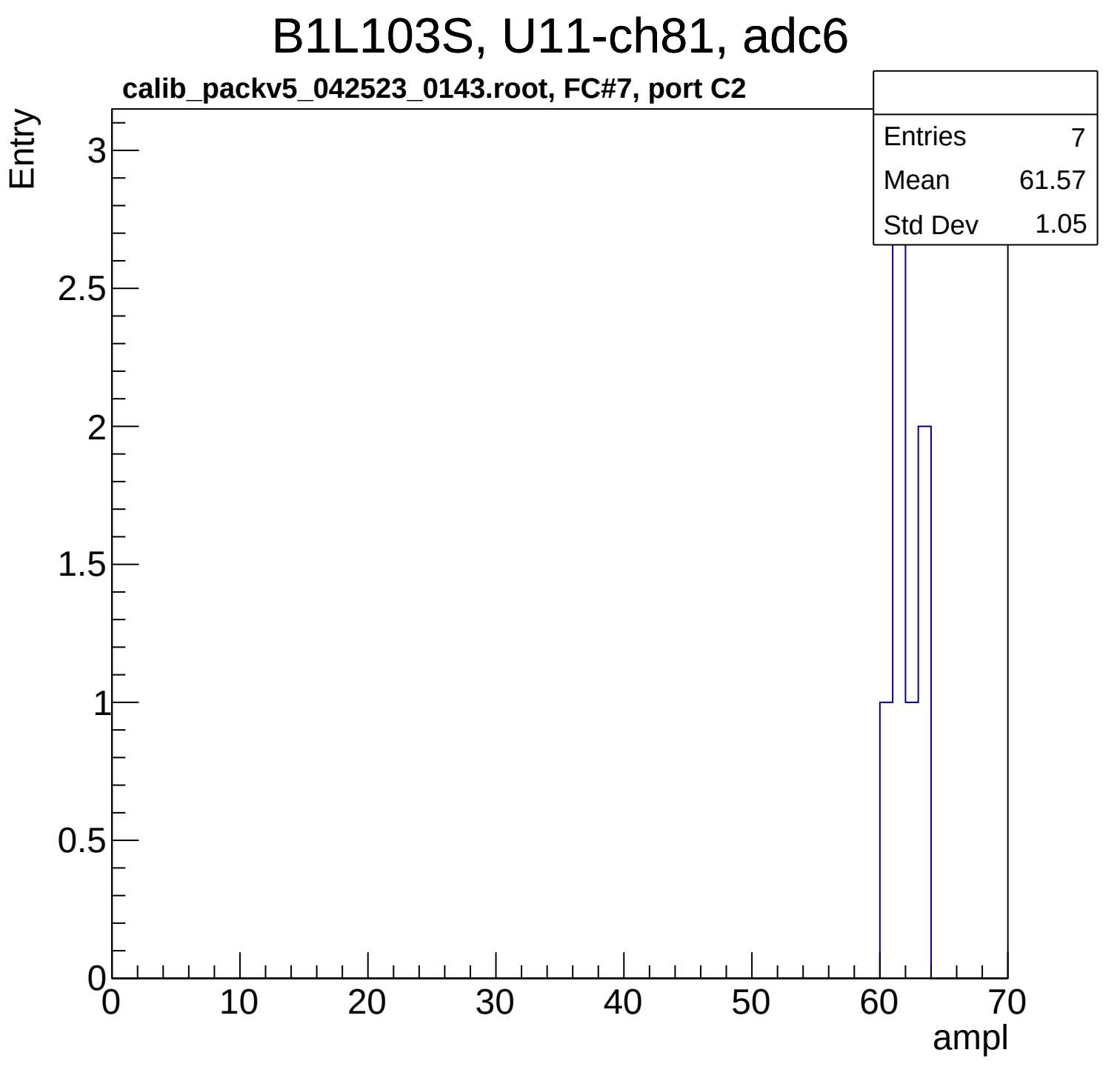
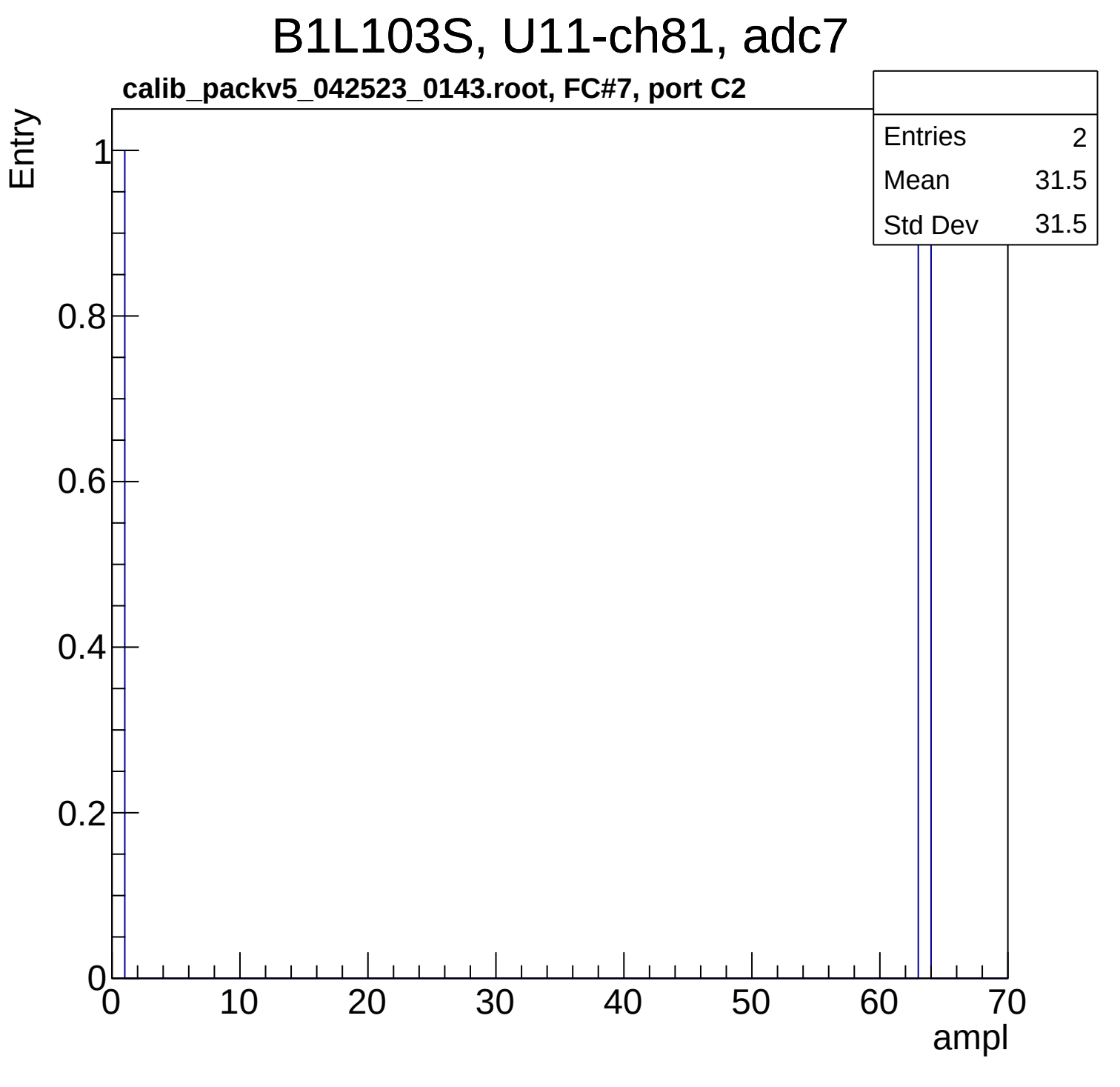
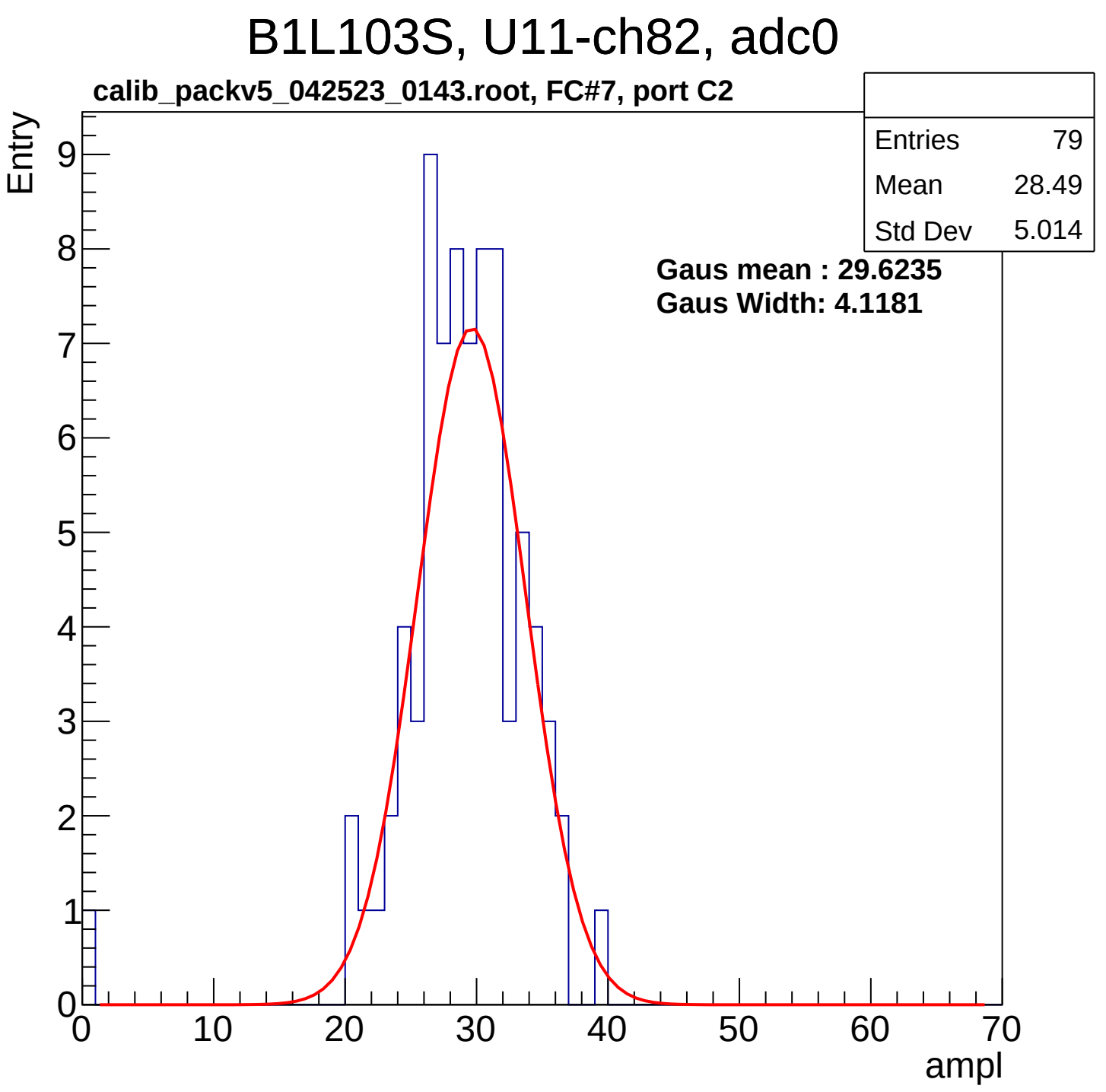
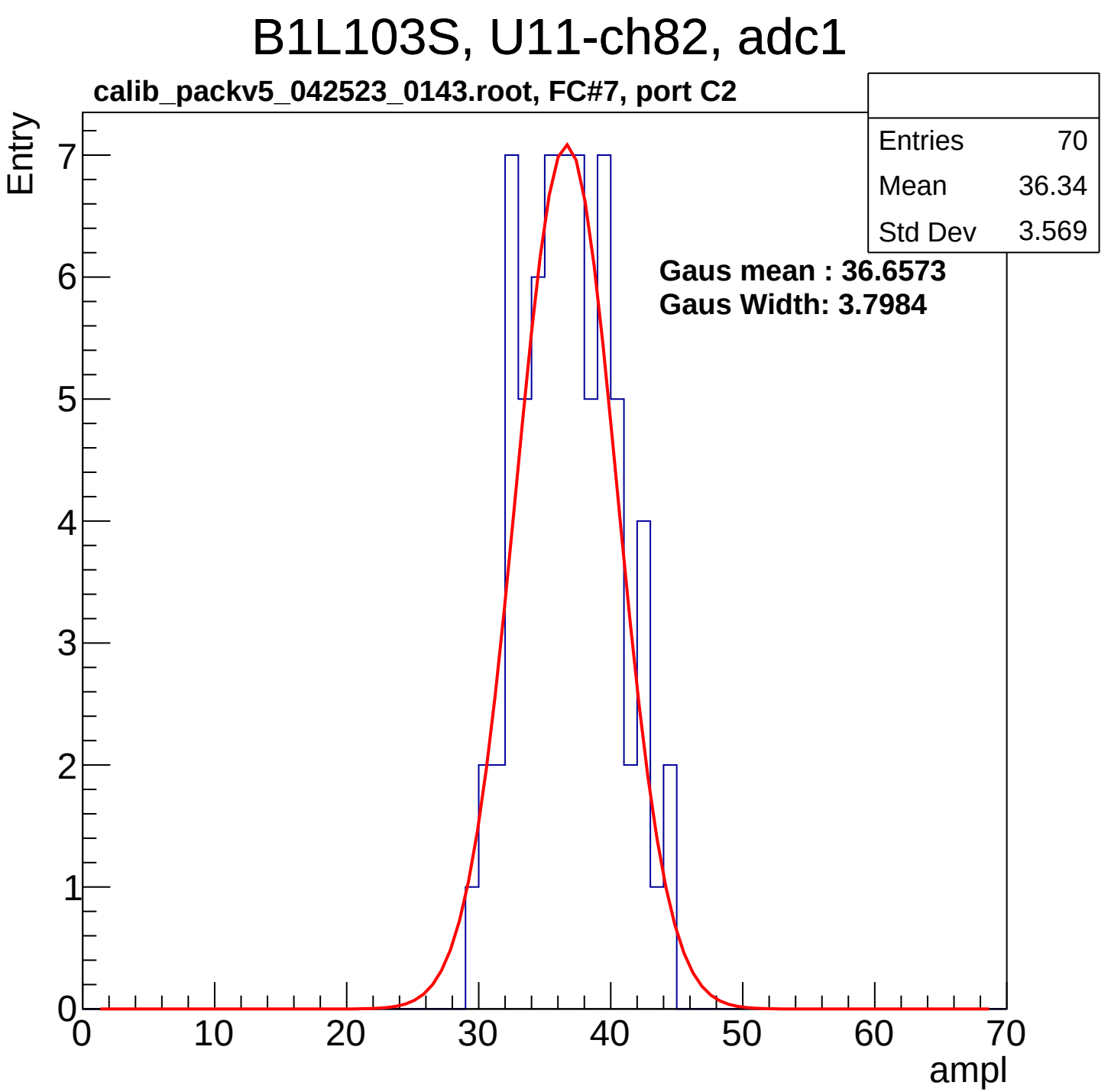
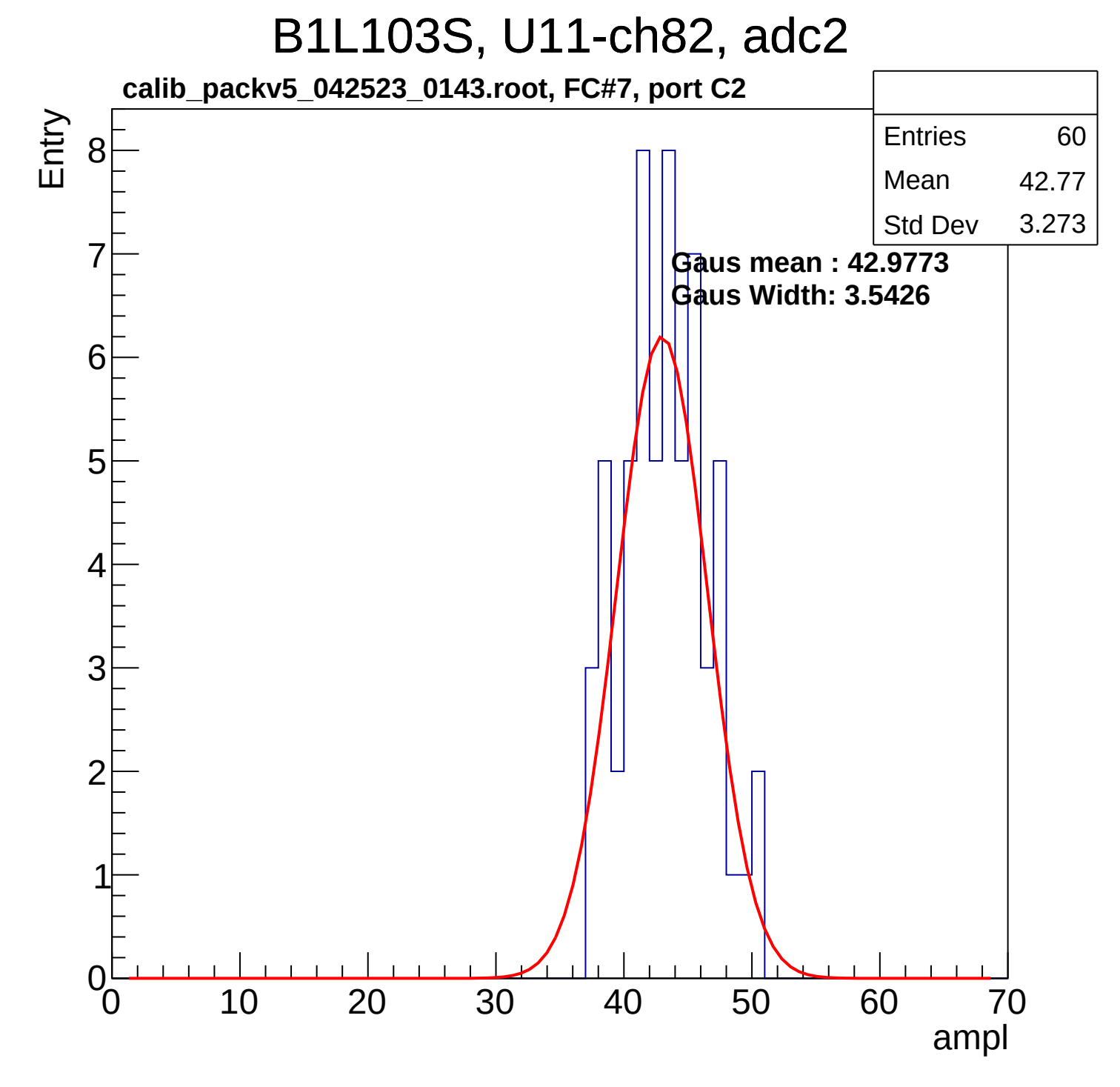
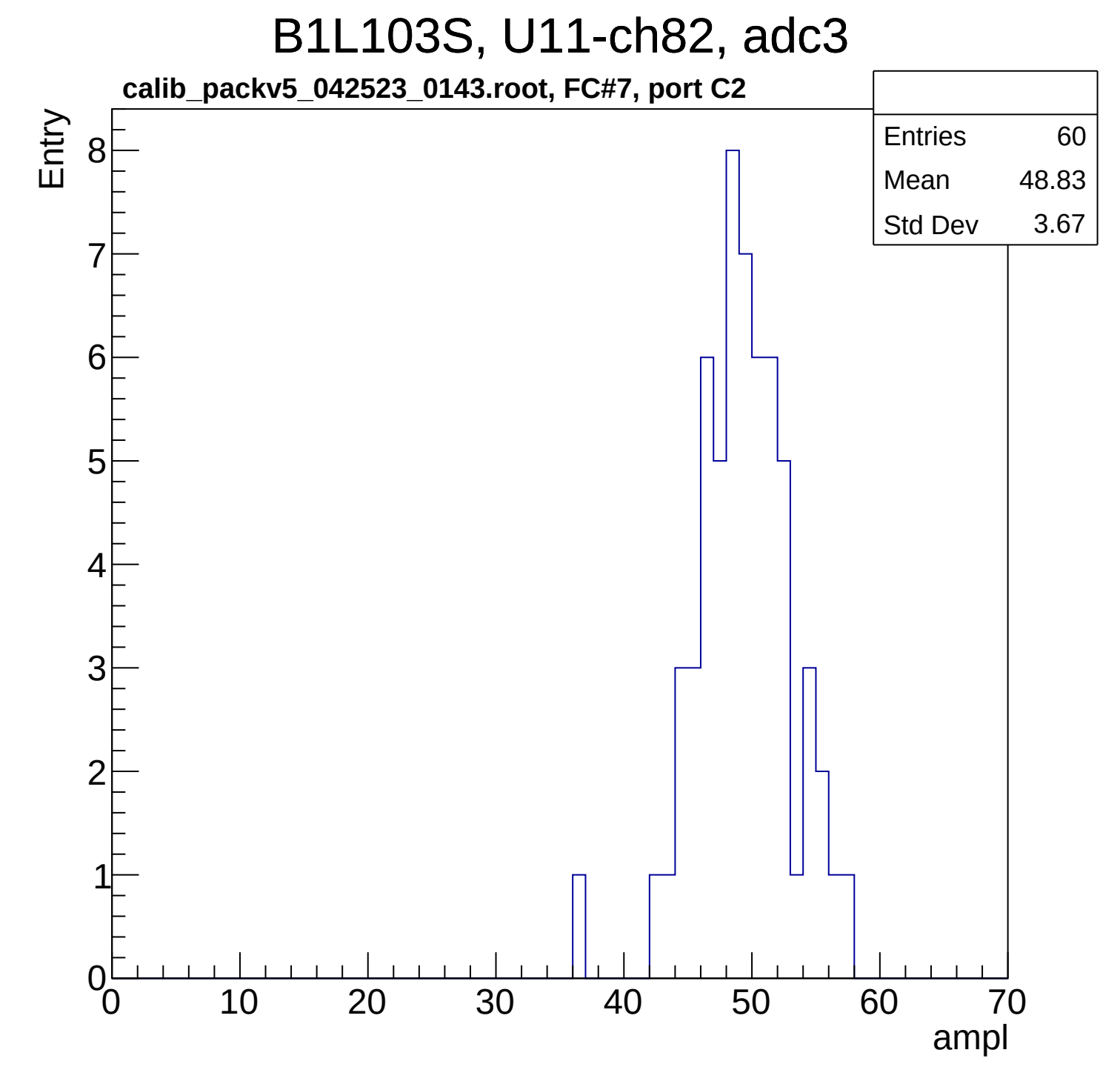

B1L103S, U11-ch81, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 7
Mean 61.57
Std Dev 1.05
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

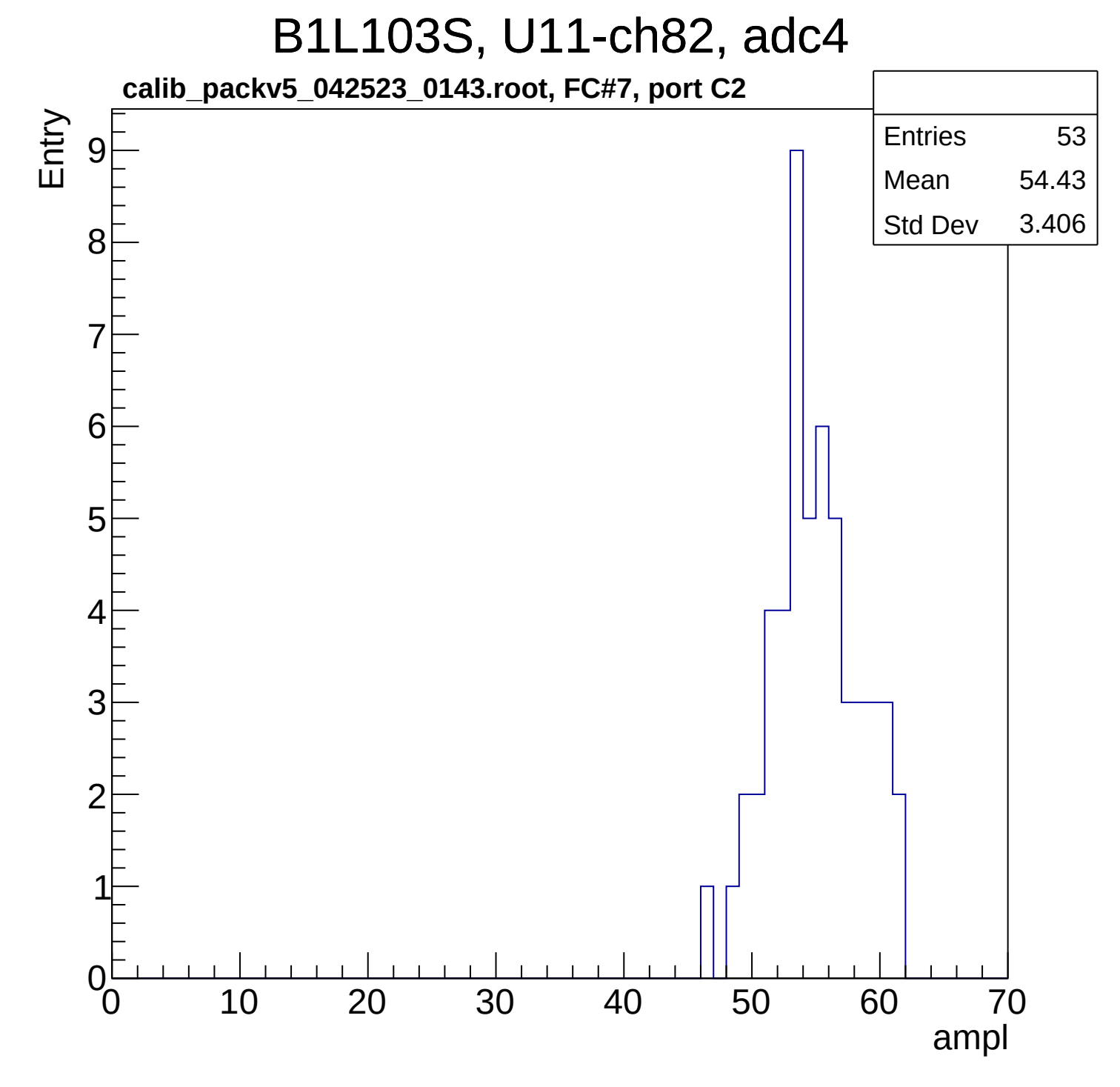

B1L103S, U11-ch81, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 31.5
Std Dev 31.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

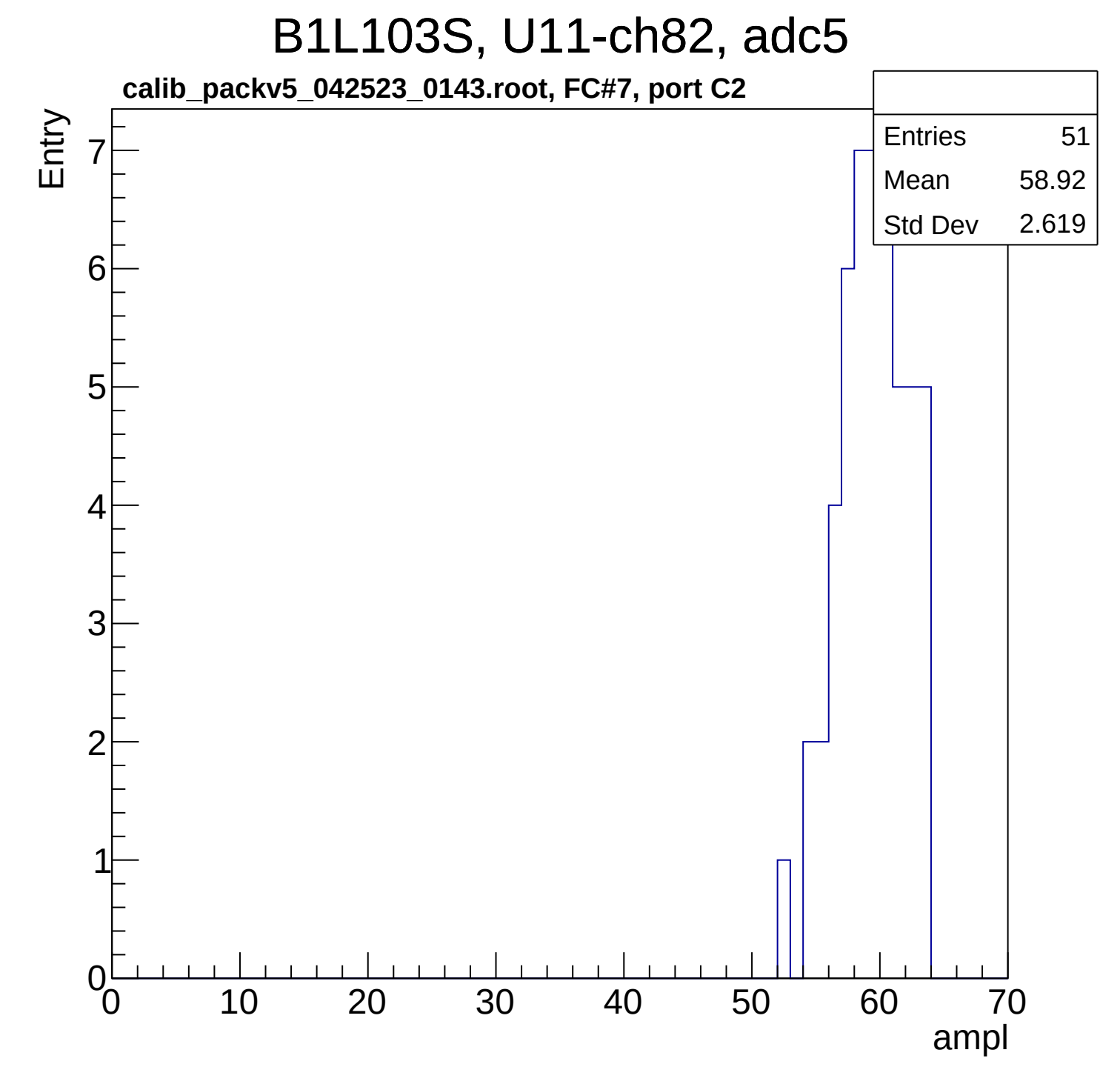

B1L103S, U11-ch82, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 79
Mean 28.49
Std Dev 5.014
Gaus mean : 29.6235
Gaus Width: 4.1181
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

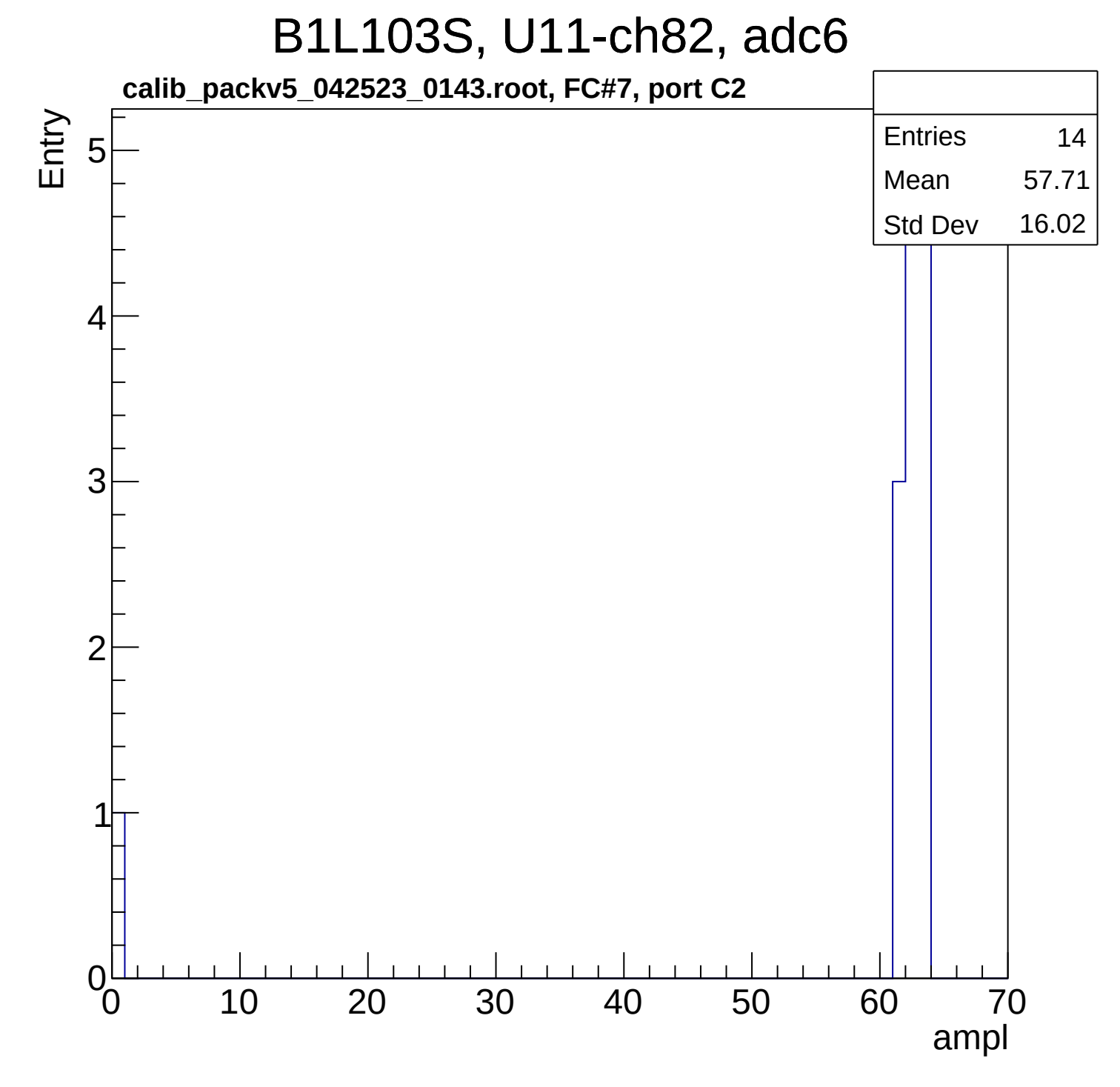

B1L103S, U11-ch82, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 36.34
Std Dev 3.569
Gaus mean : 36.6573
Gaus Width: 3.7984
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

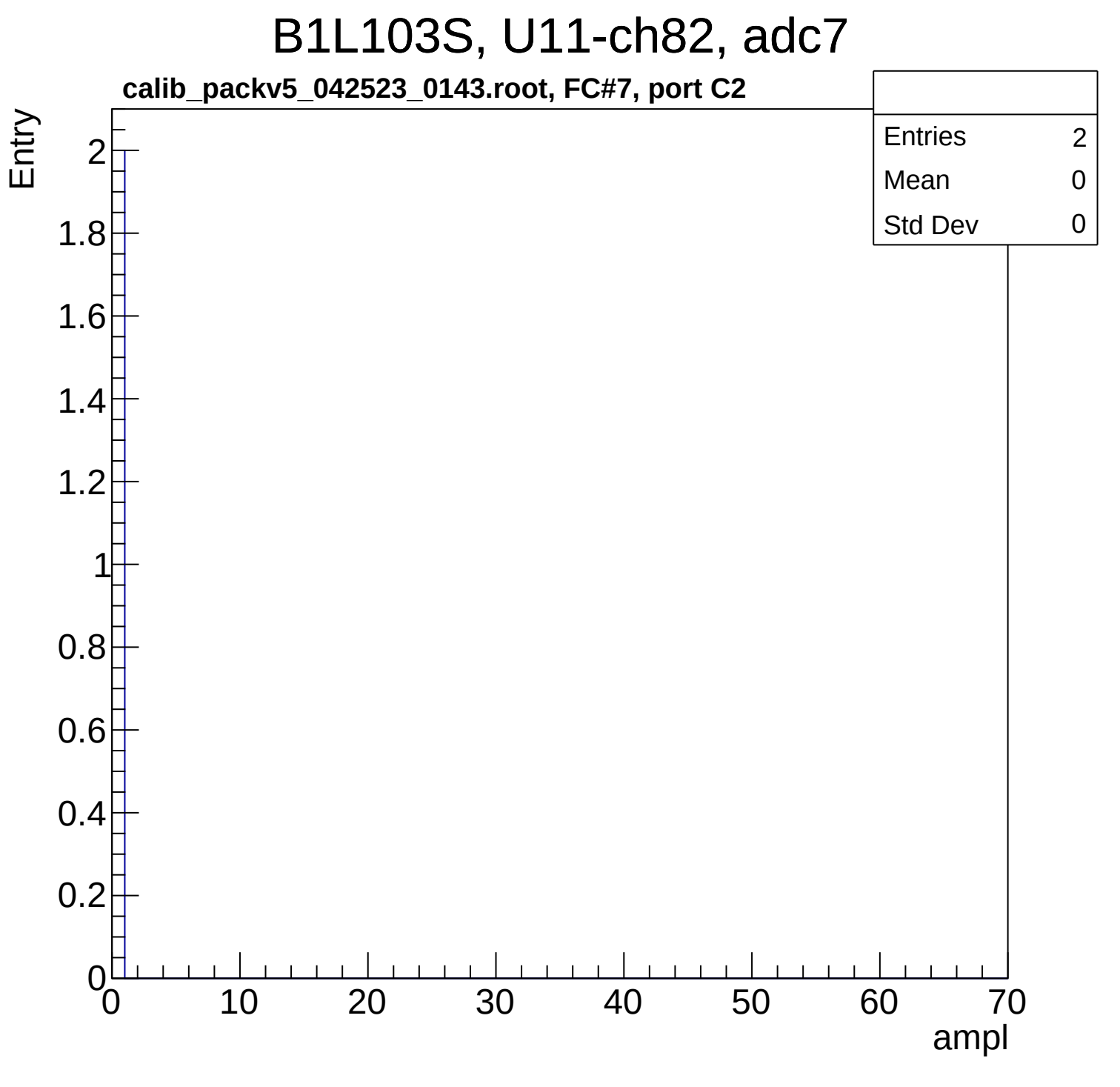

B1L103S, U11-ch82, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 42.77
Std Dev 3.273
Gaus mean : 42.9773
Gaus Width: 3.5426
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

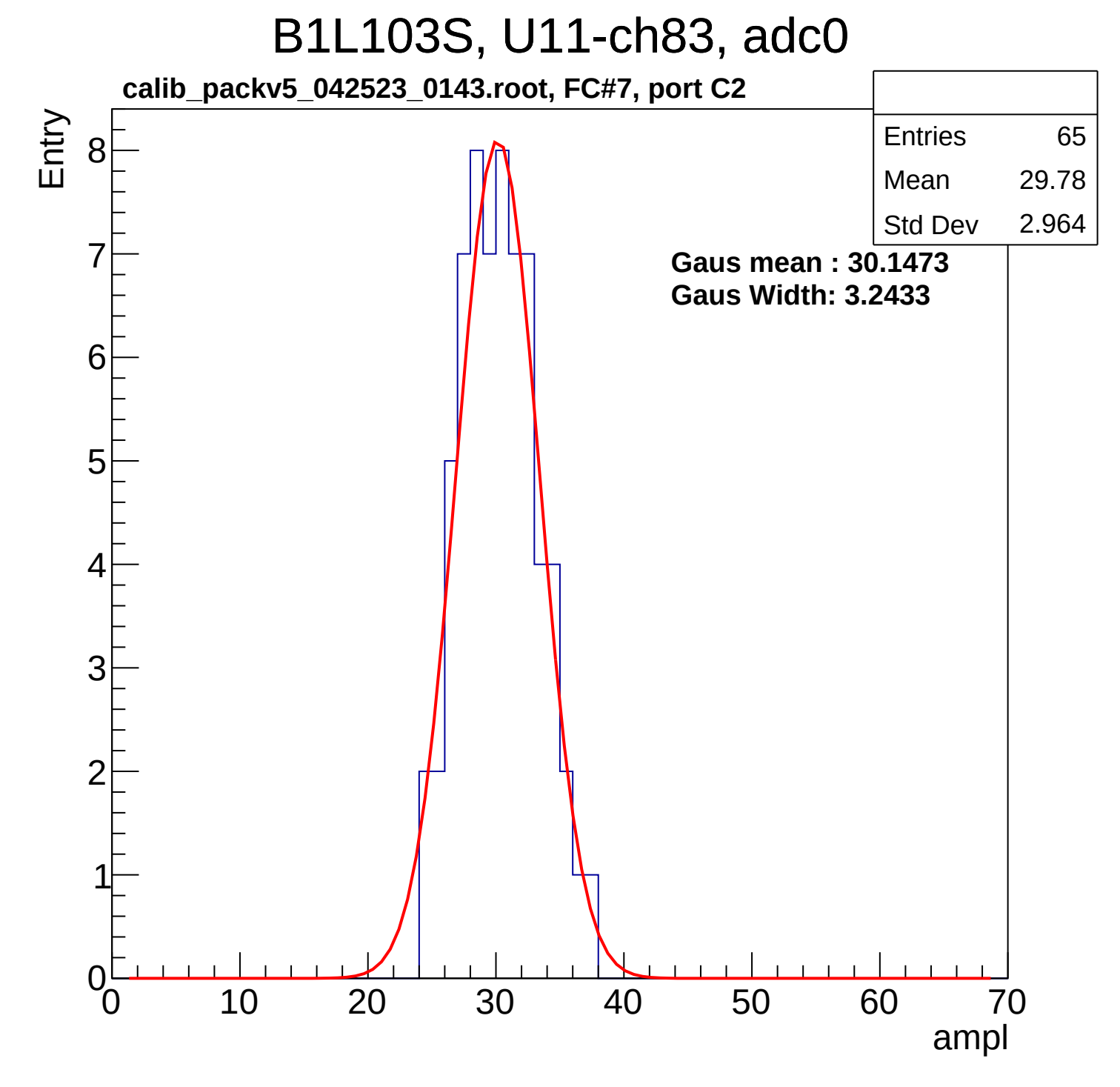

B1L103S, U11-ch82, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 48.83
Std Dev 3.67
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

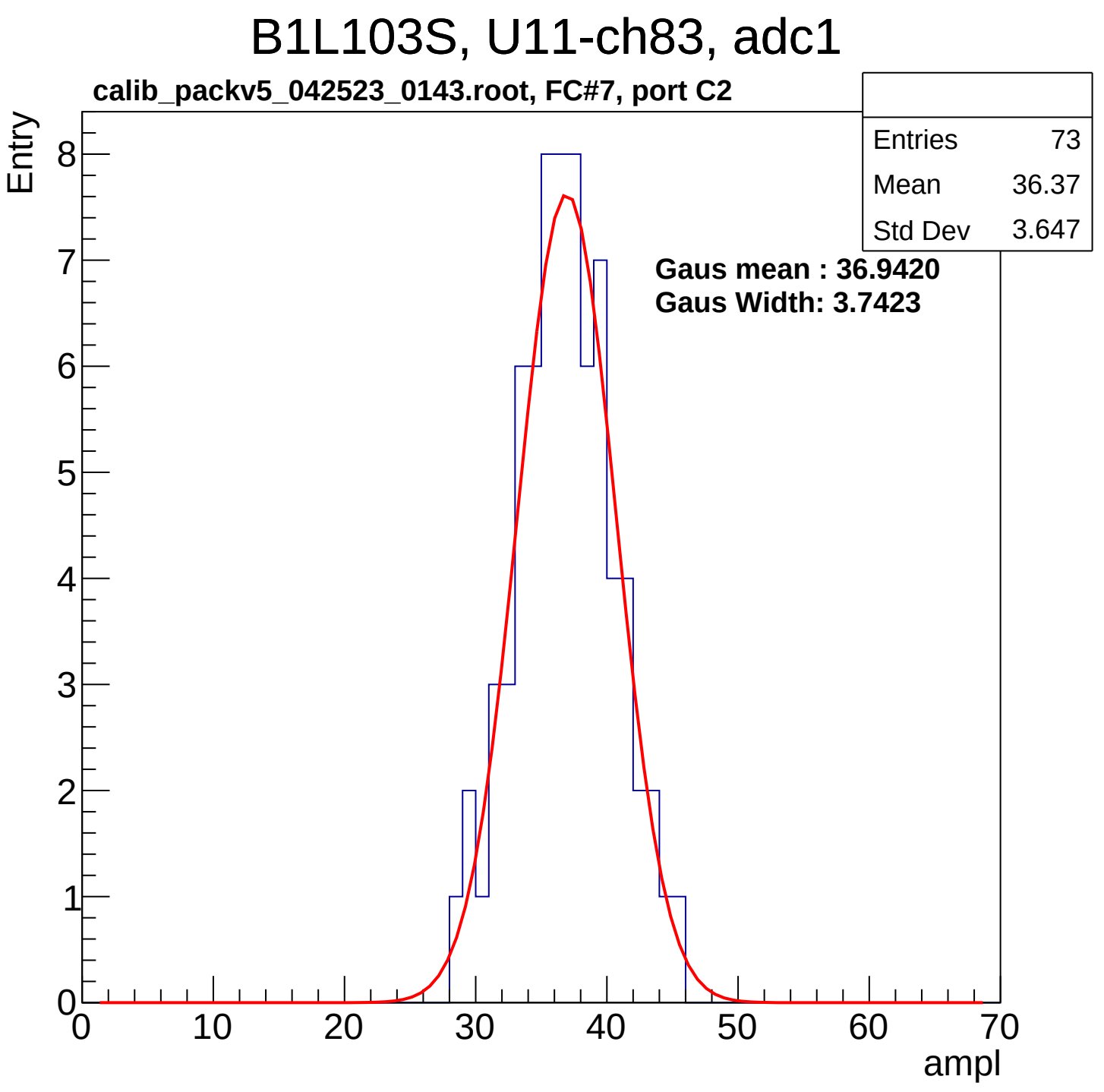

B1L103S, U11-ch82, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 53
Mean 54.43
Std Dev 3.406
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

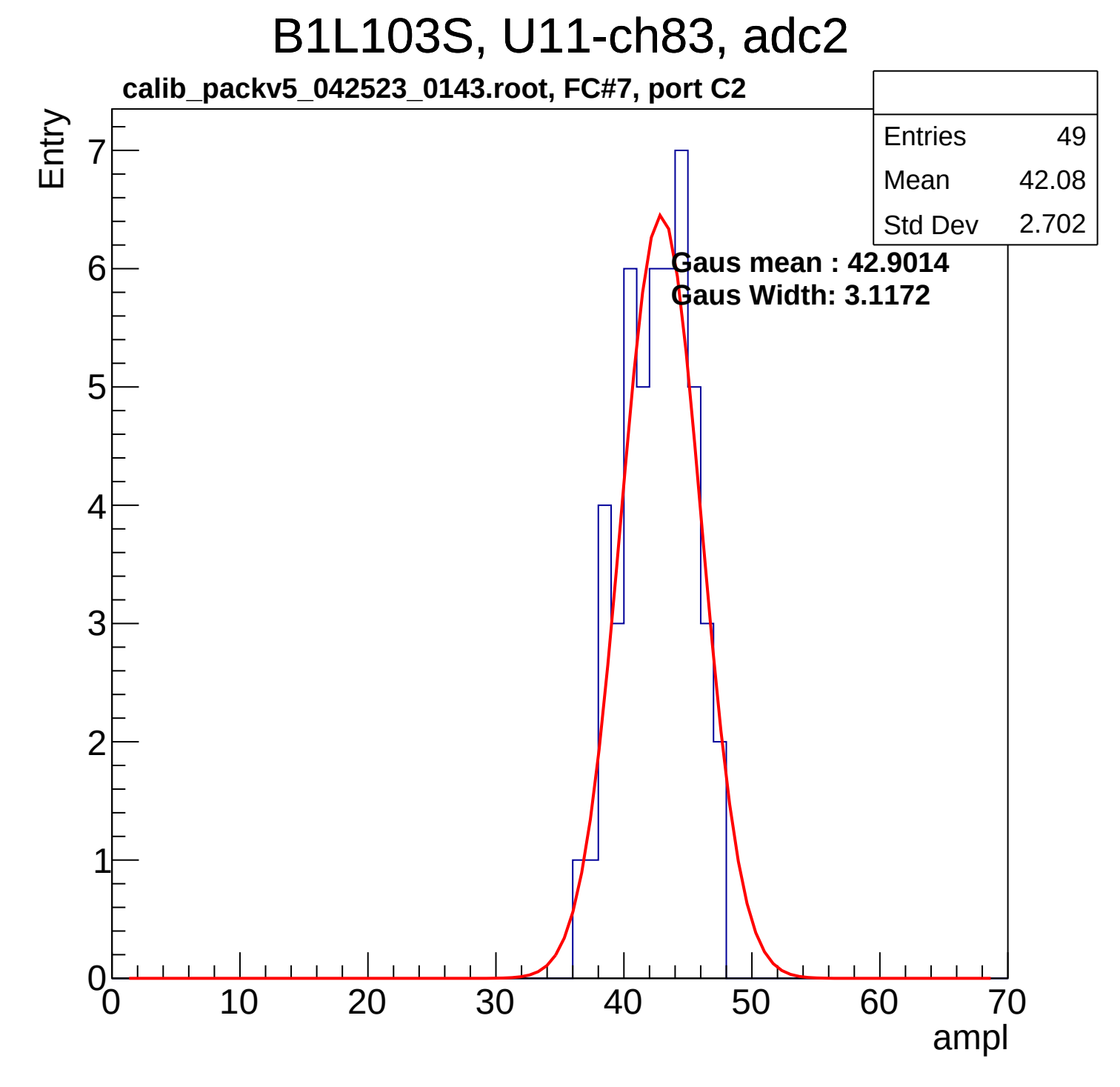

B1L103S, U11-ch82, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 58.92
Std Dev 2.619
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

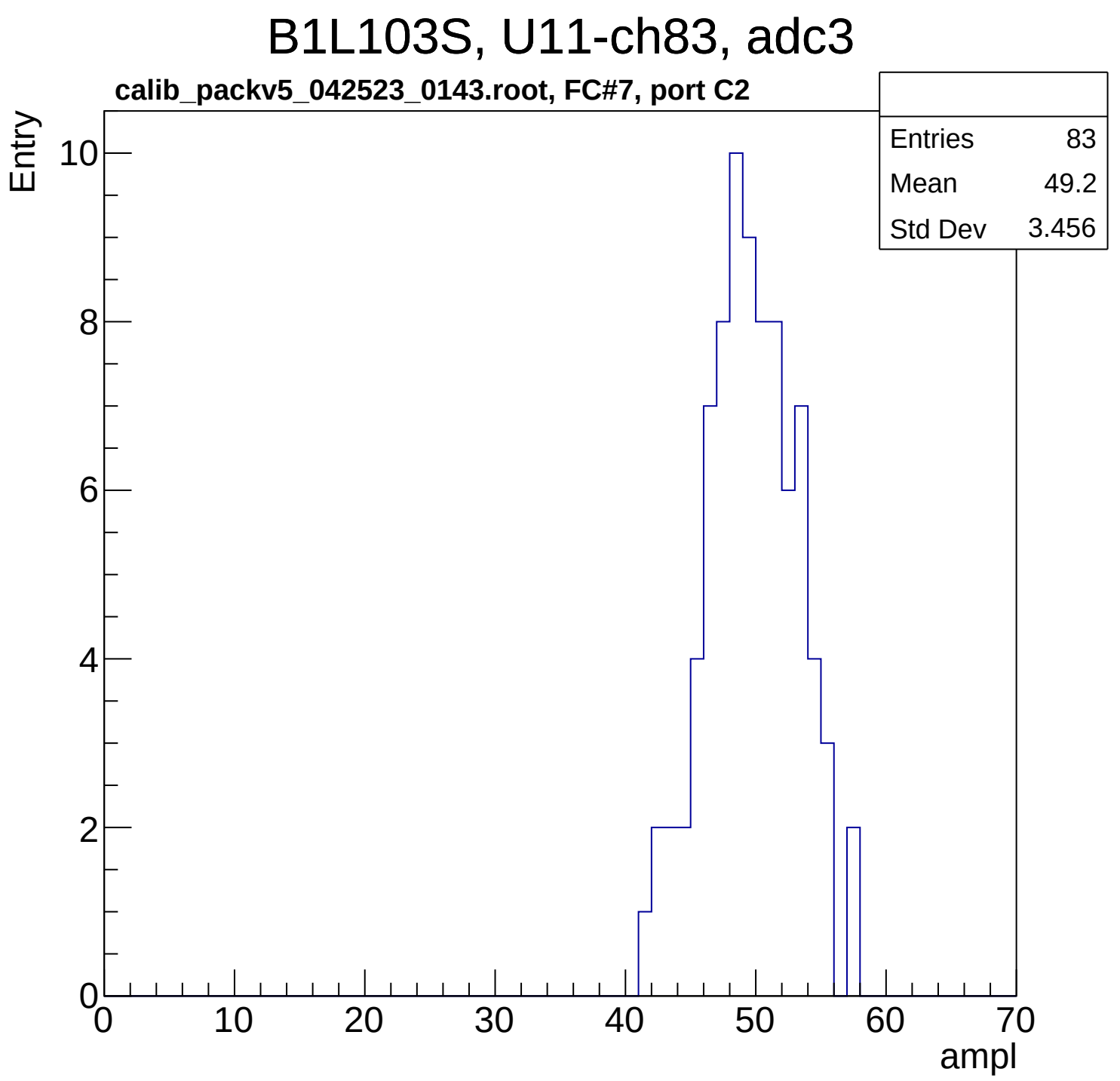

B1L103S, U11-ch82, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 14
Mean 57.71
Std Dev 16.02
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70

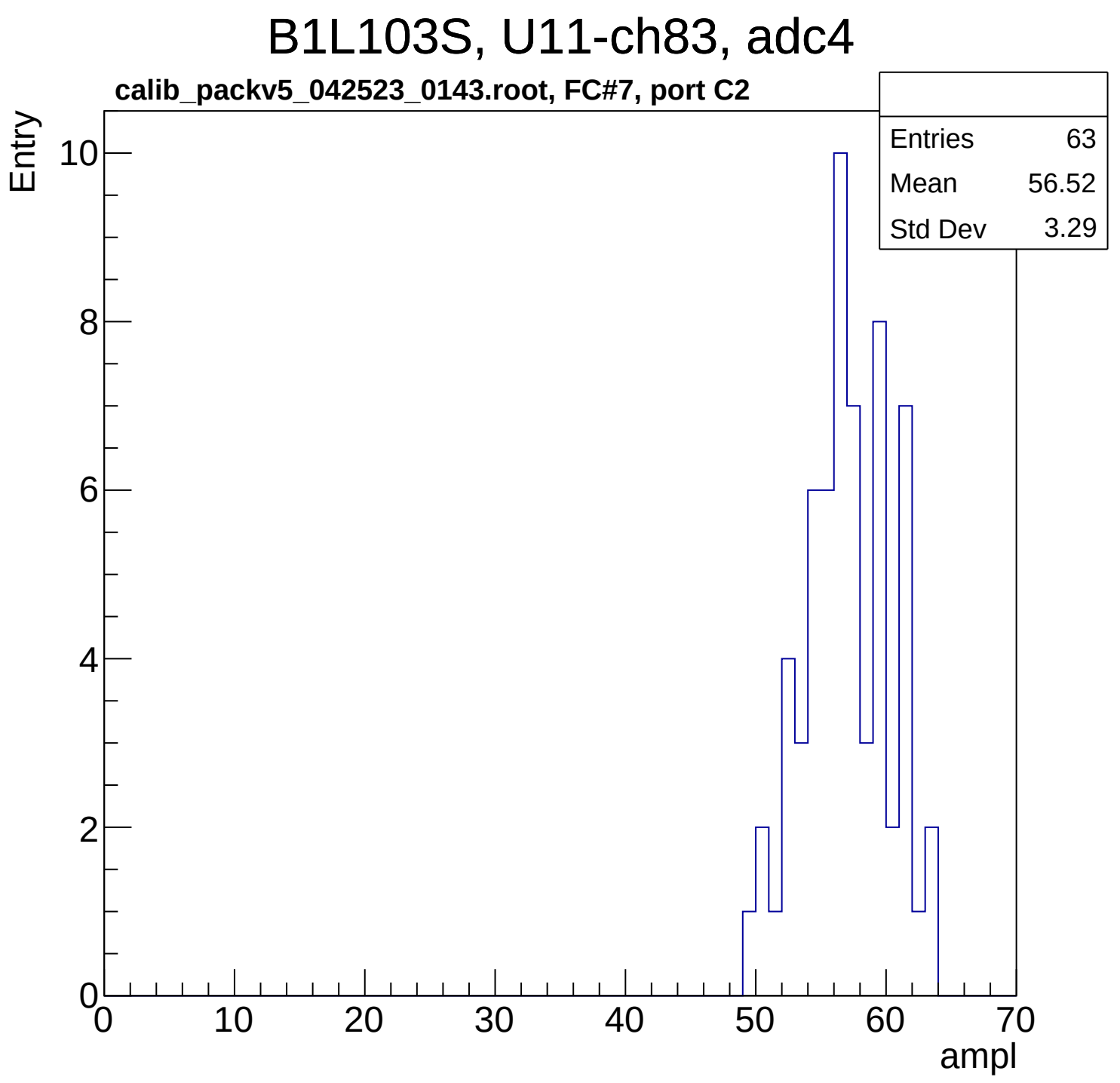

B1L103S, U11-ch82, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

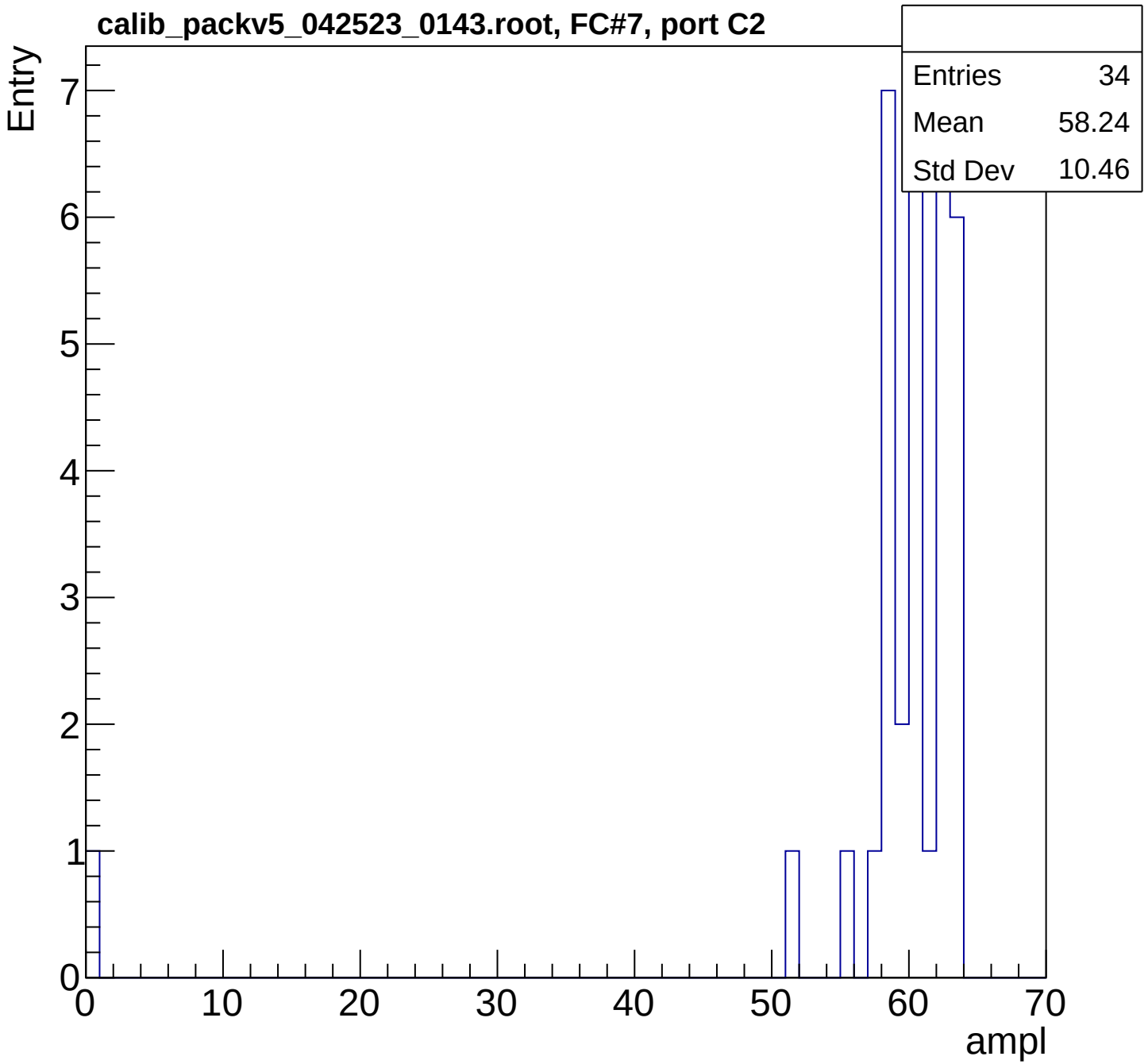

B1L103S, U11-ch83, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 29.78
Std Dev 2.964
Gaus mean : 30.1473
Gaus Width: 3.2433
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

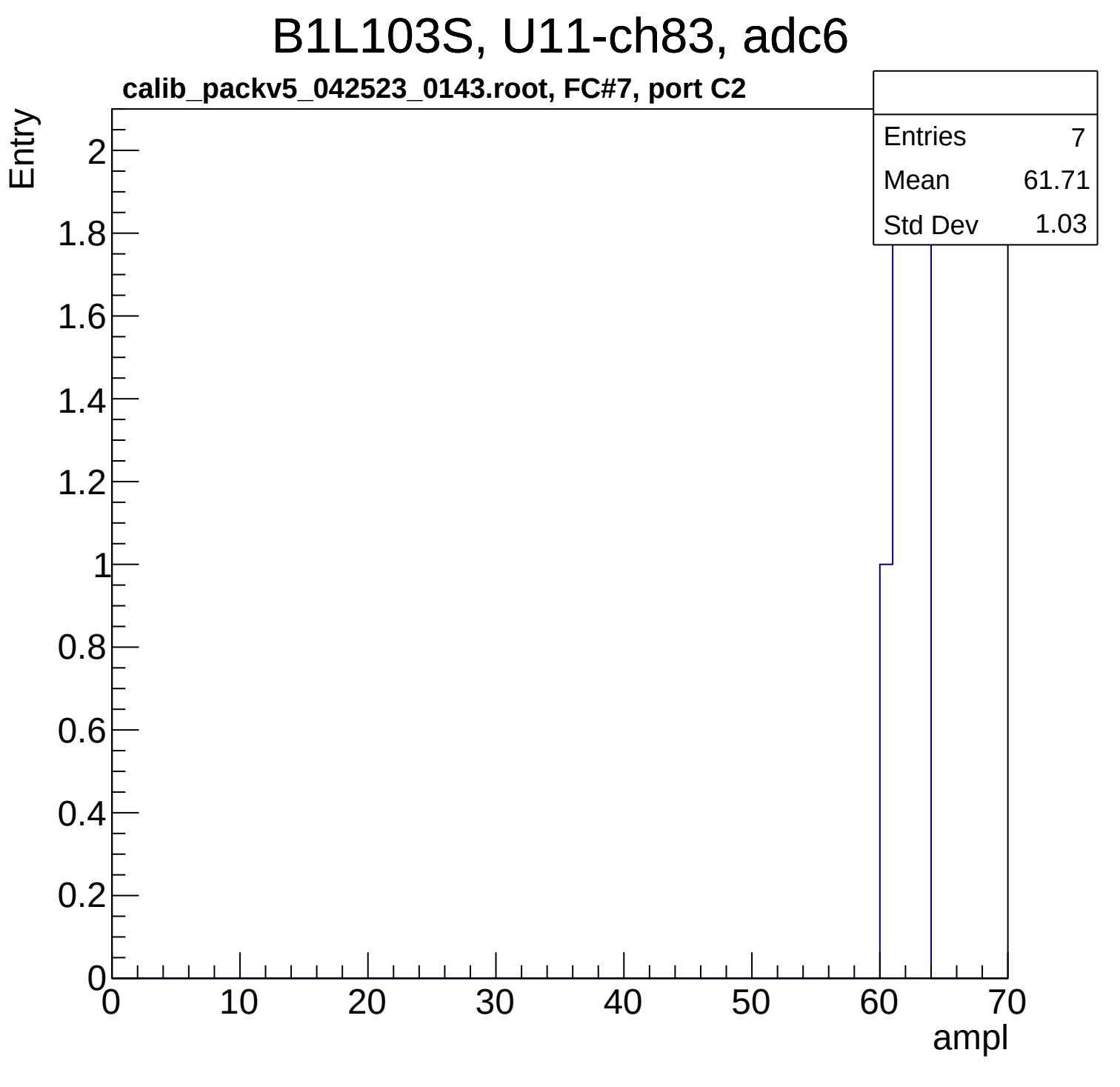

B1L103S, U11-ch83, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 36.37
Std Dev 3.647
Gaus mean : 36.9420
Gaus Width: 3.7423
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

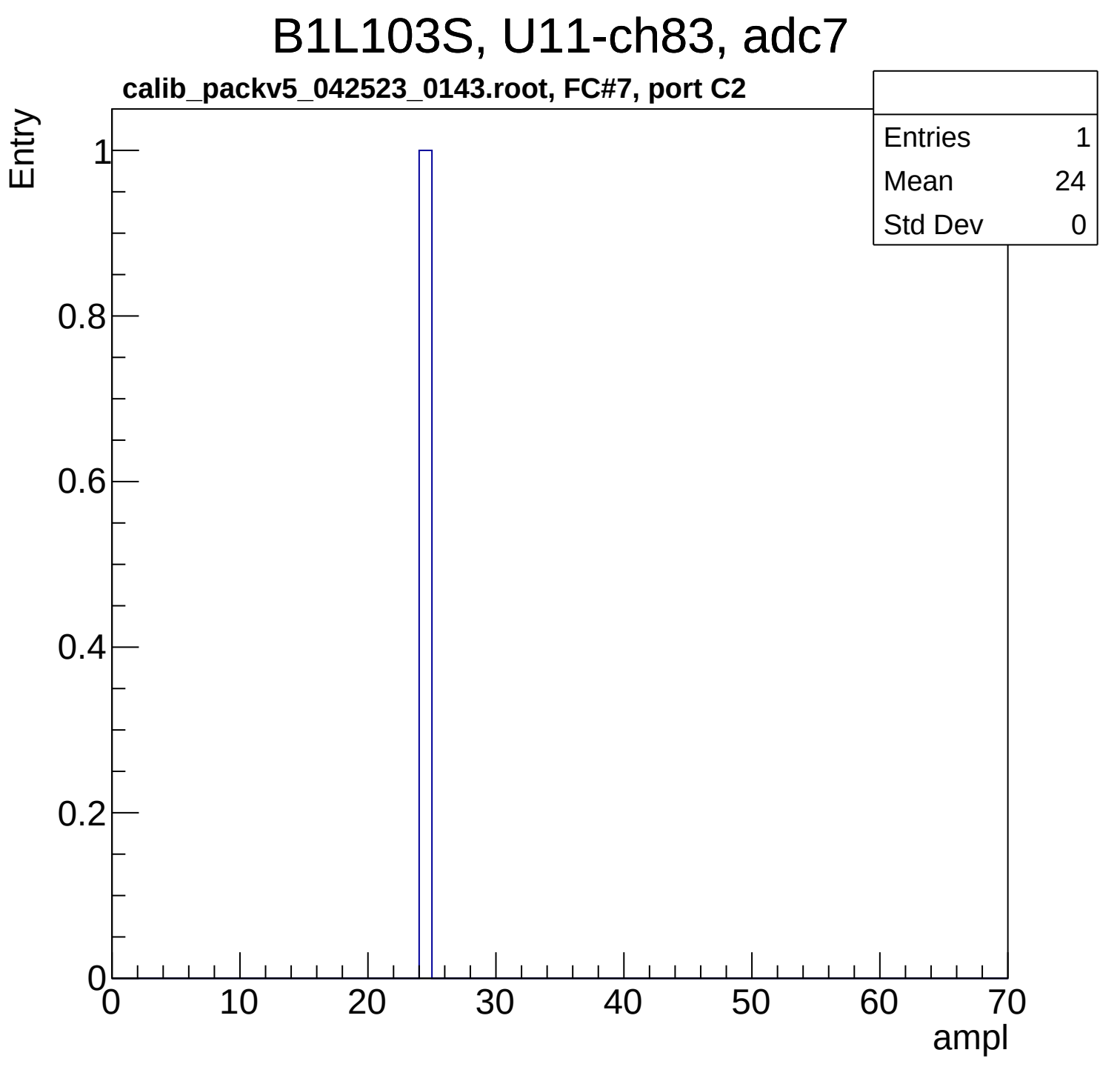

B1L103S, U11-ch83, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 42.08
Std Dev 2.702
Gaus mean : 42.9014
Gaus Width: 3.1172
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

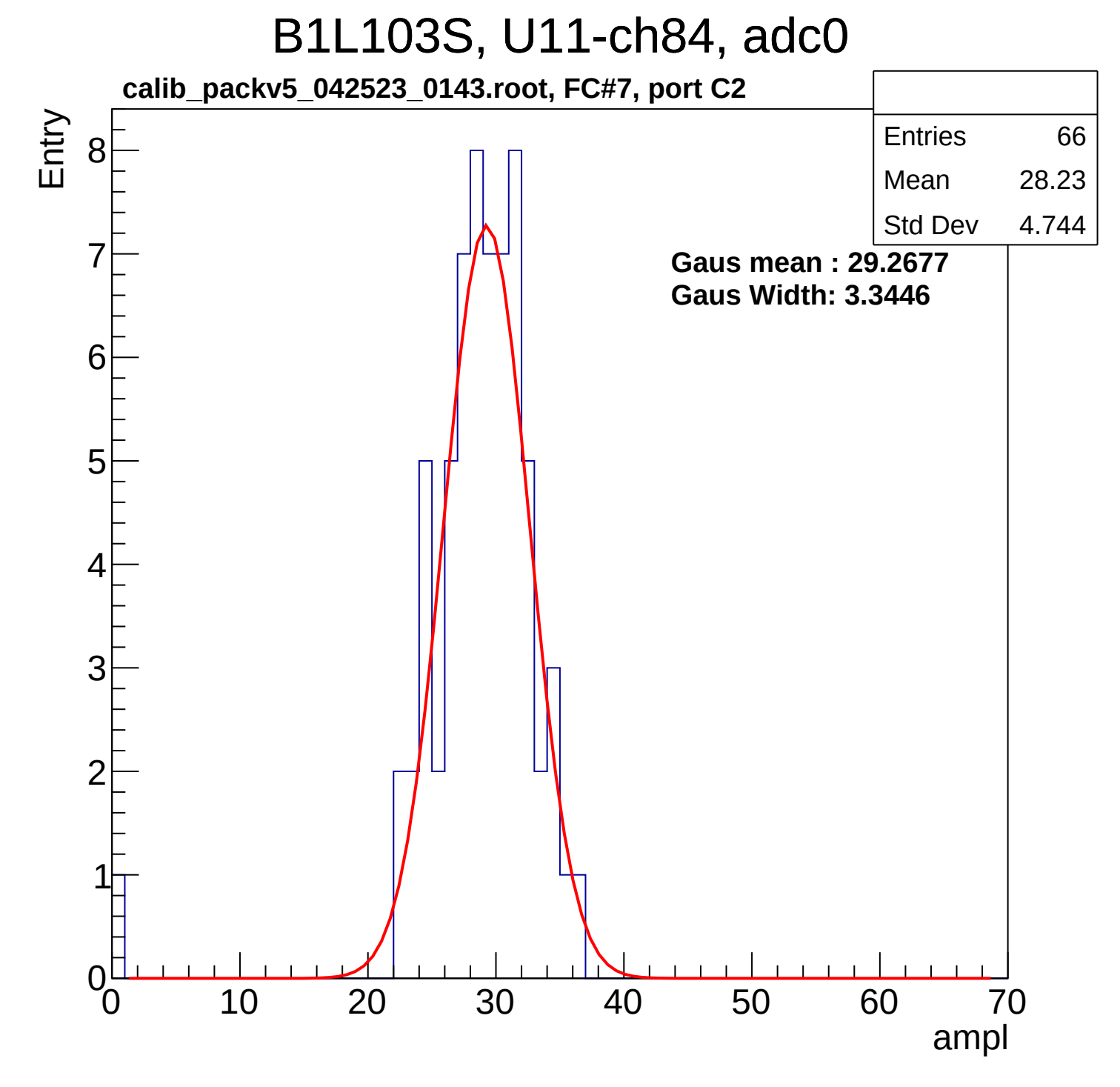

B1L103S, U11-ch83, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 83
Mean 49.2
Std Dev 3.456
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

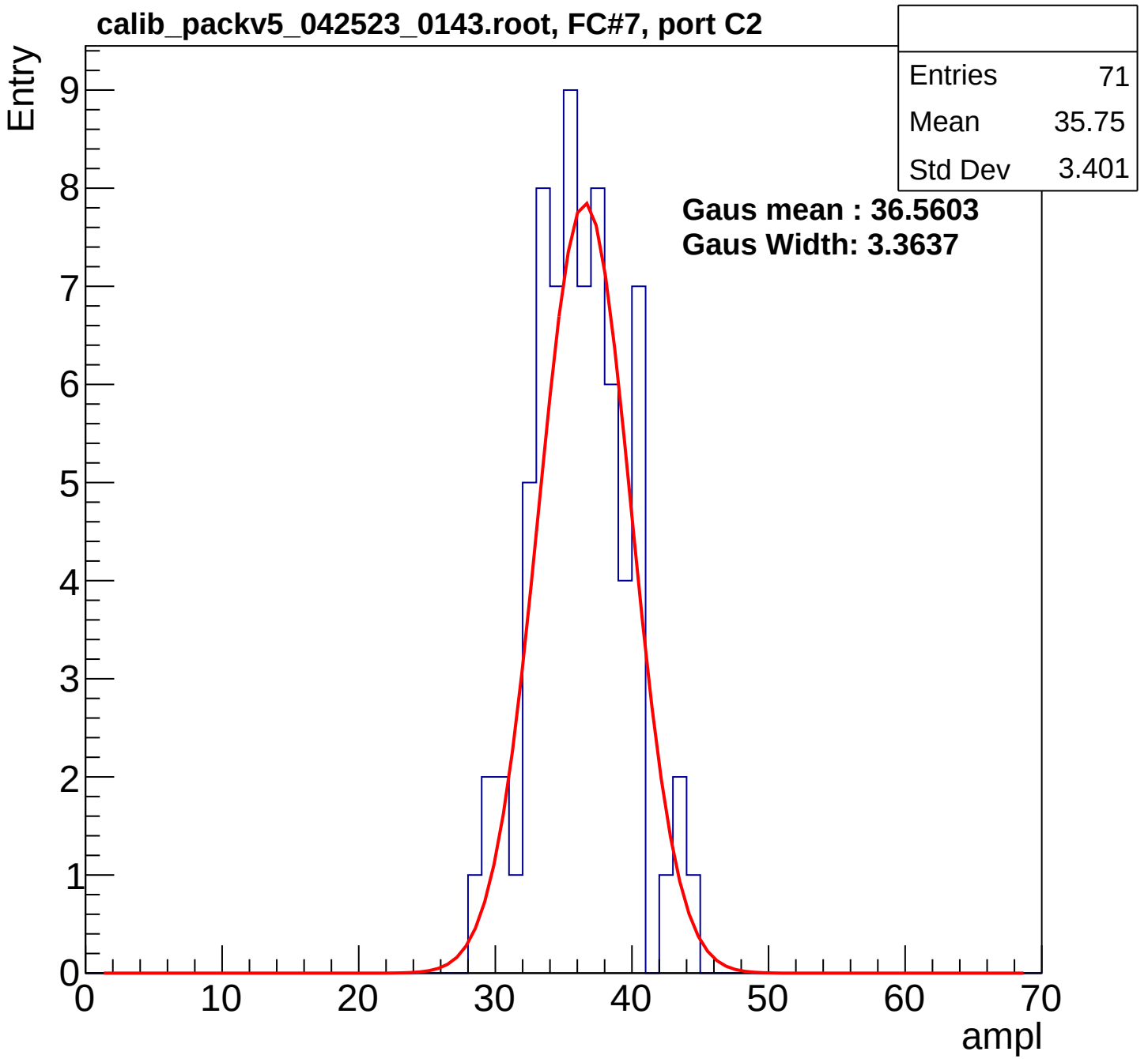

B1L103S, U11-ch83, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 56.52
Std Dev 3.29
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

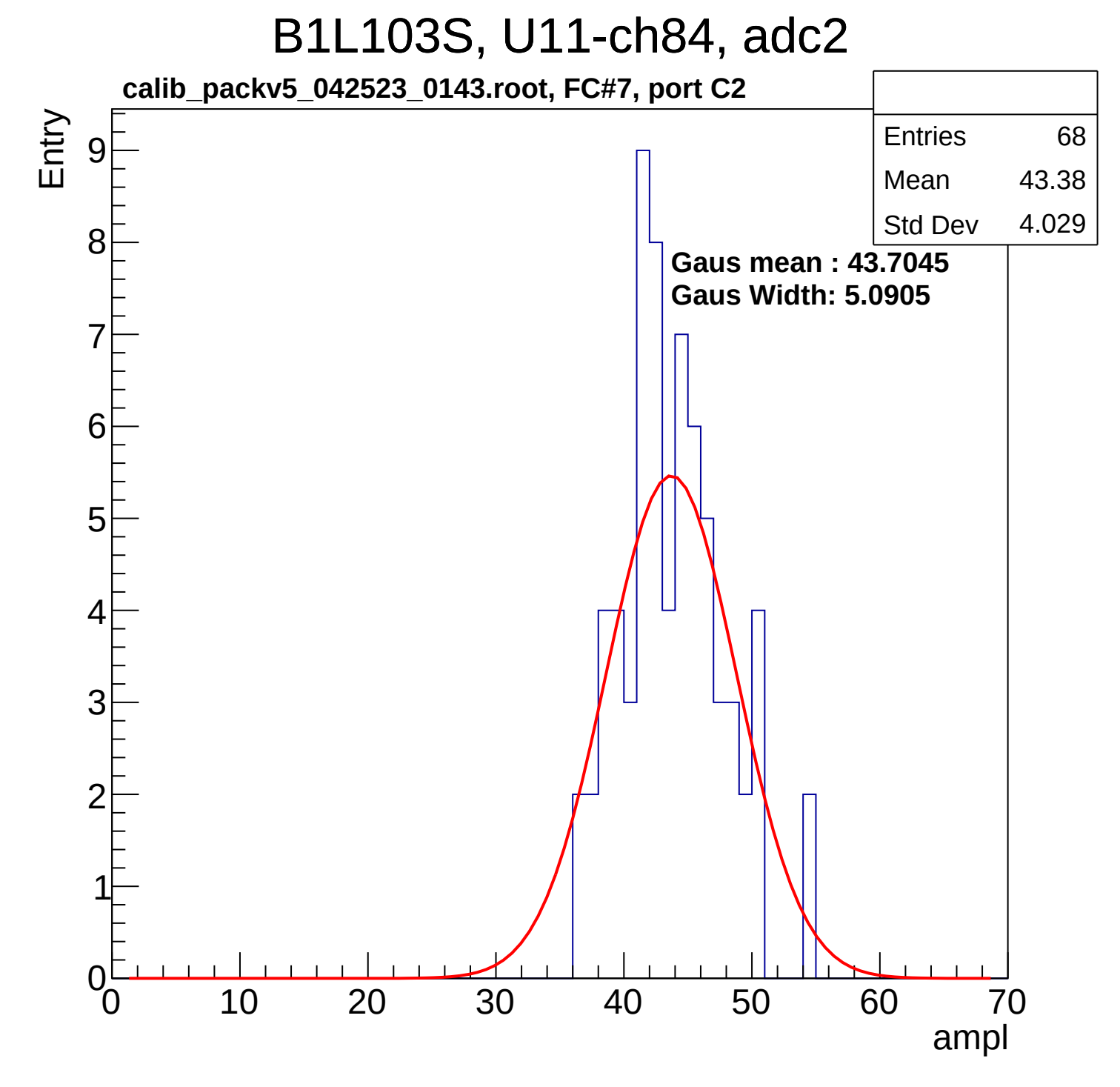

B1L103S, U11-ch83, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 34
Mean 58.24
Std Dev 10.46
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U11-ch83, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 7
Mean 61.71
Std Dev 1.03
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


B1L103S, U11-ch83, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch84, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 28.23
Std Dev 4.744
Gaus mean : 29.2677
Gaus Width: 3.3446
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch84, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 35.75
Std Dev 3.401
Gaus mean : 36.5603
Gaus Width: 3.3637
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch84, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 43.38
Std Dev 4.029
Gaus mean : 43.7045
Gaus Width: 5.0905
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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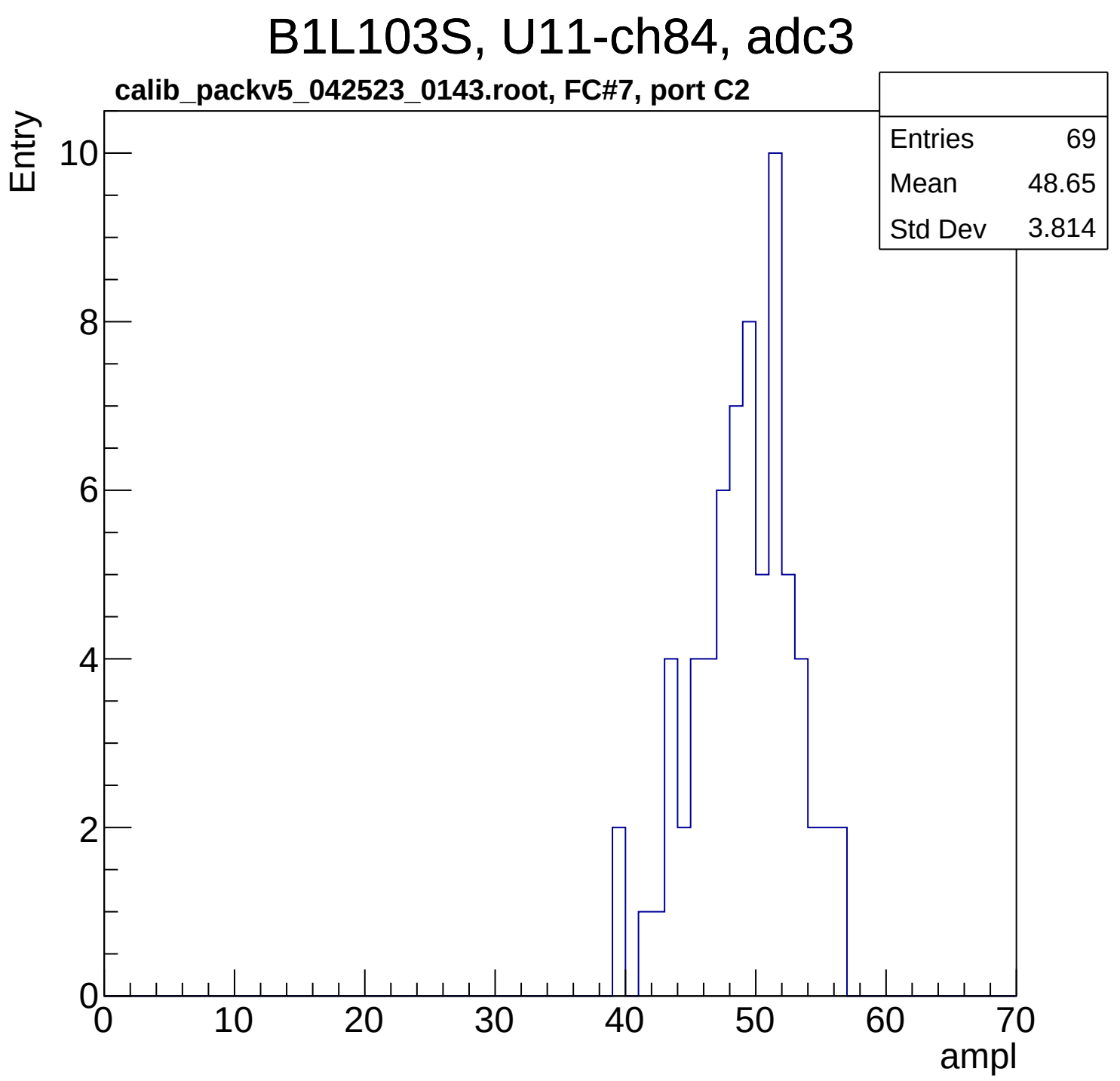
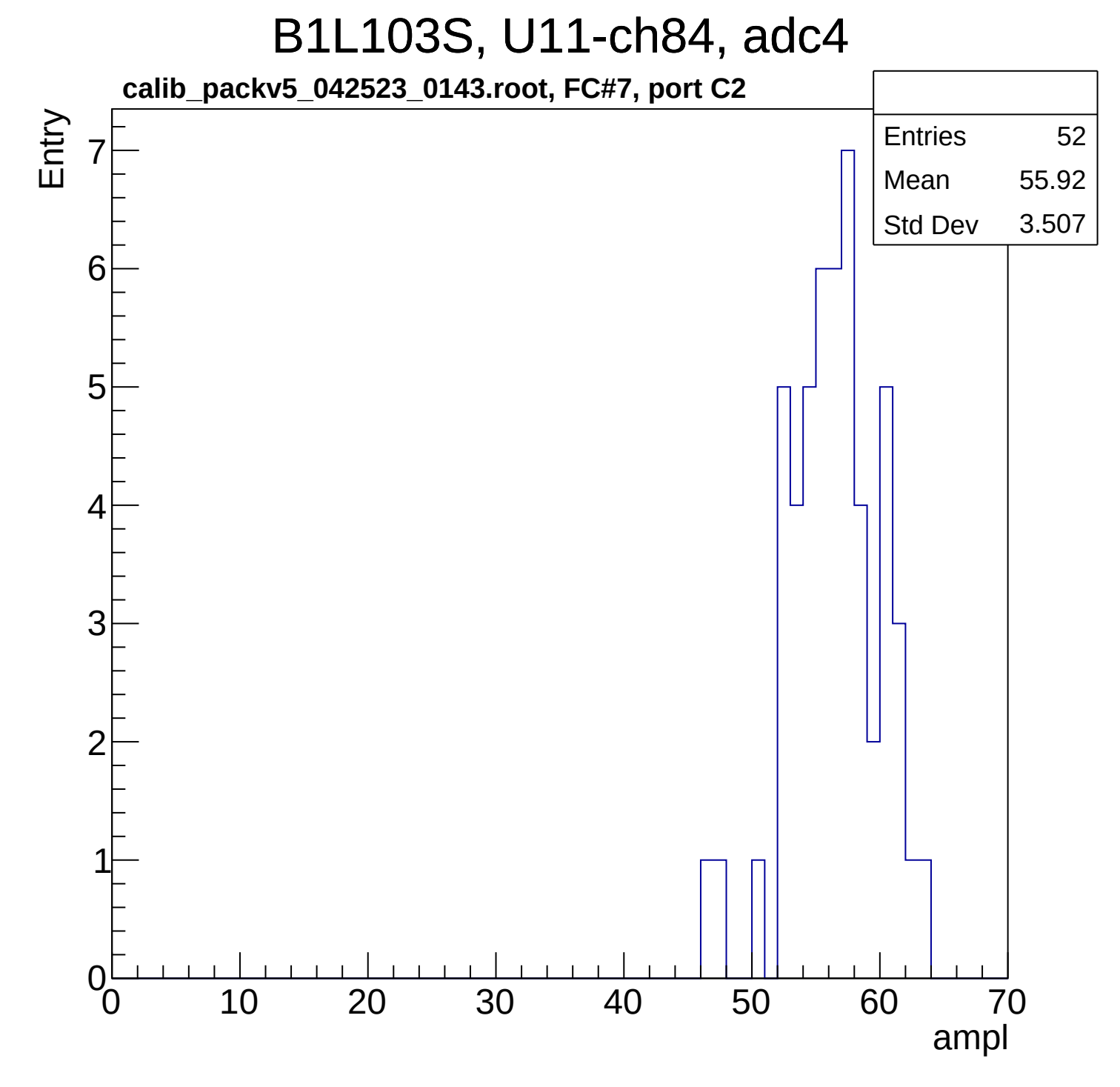
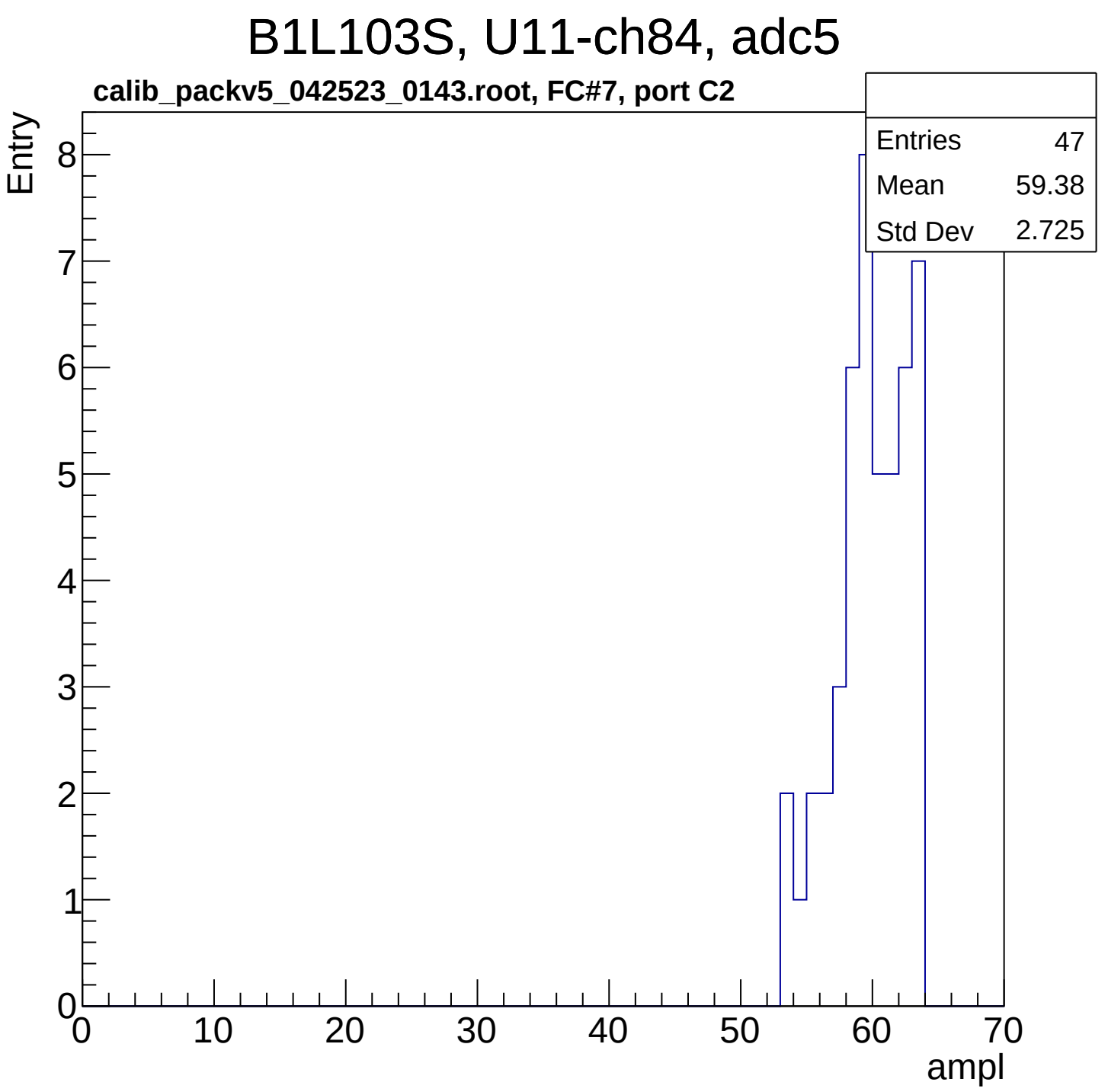

B1L103S, U11-ch84, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 48.65
Std Dev 3.814
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch84, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 52
Mean 55.92
Std Dev 3.507
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U11-ch84, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 47
Mean 59.38
Std Dev 2.725
Entry
ampl
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2
3
4
5
6
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0
10
20
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40
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60
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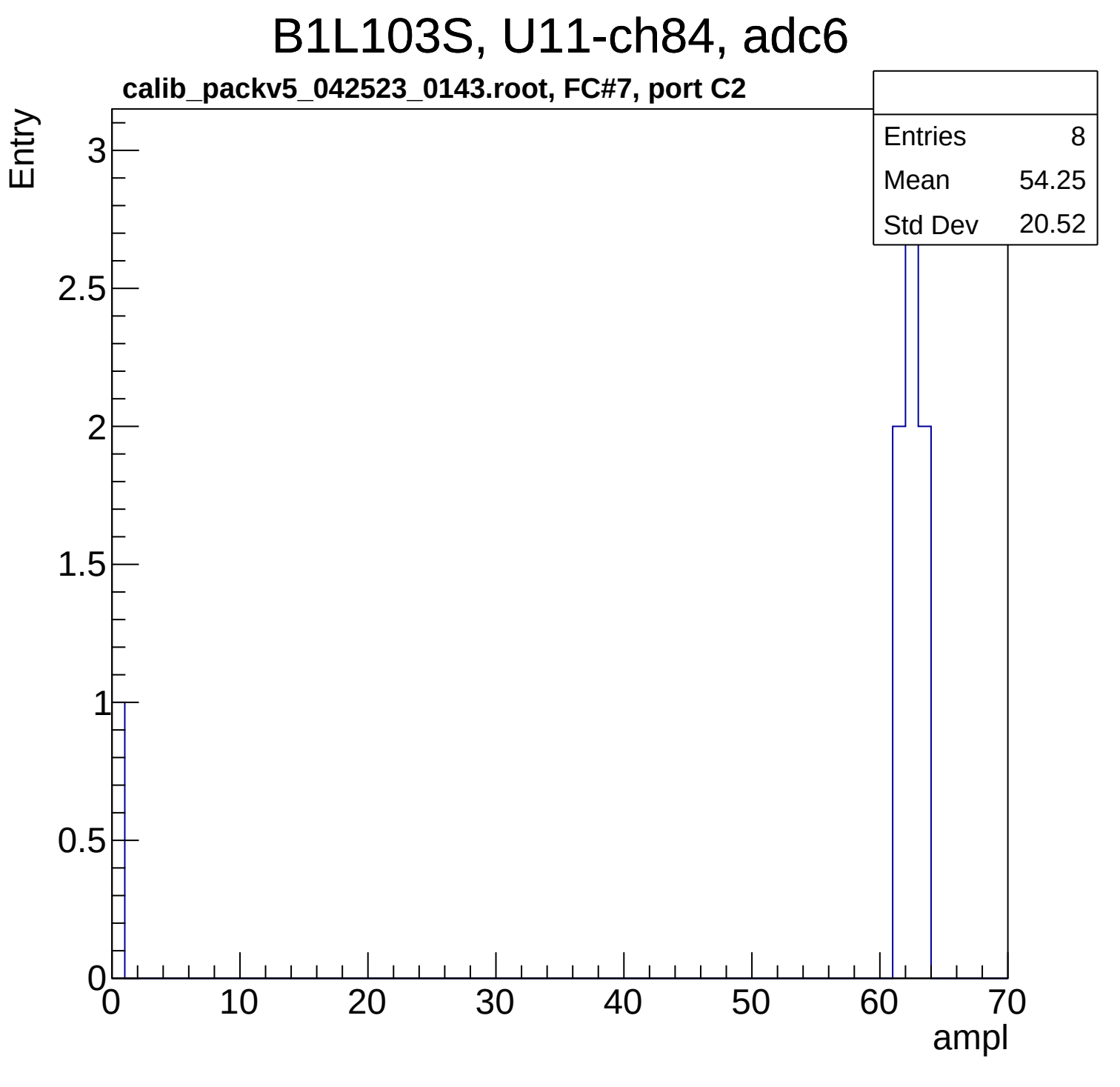
B1L103S, U11-ch84, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 8
Mean 54.25
Std Dev 20.52
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
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60
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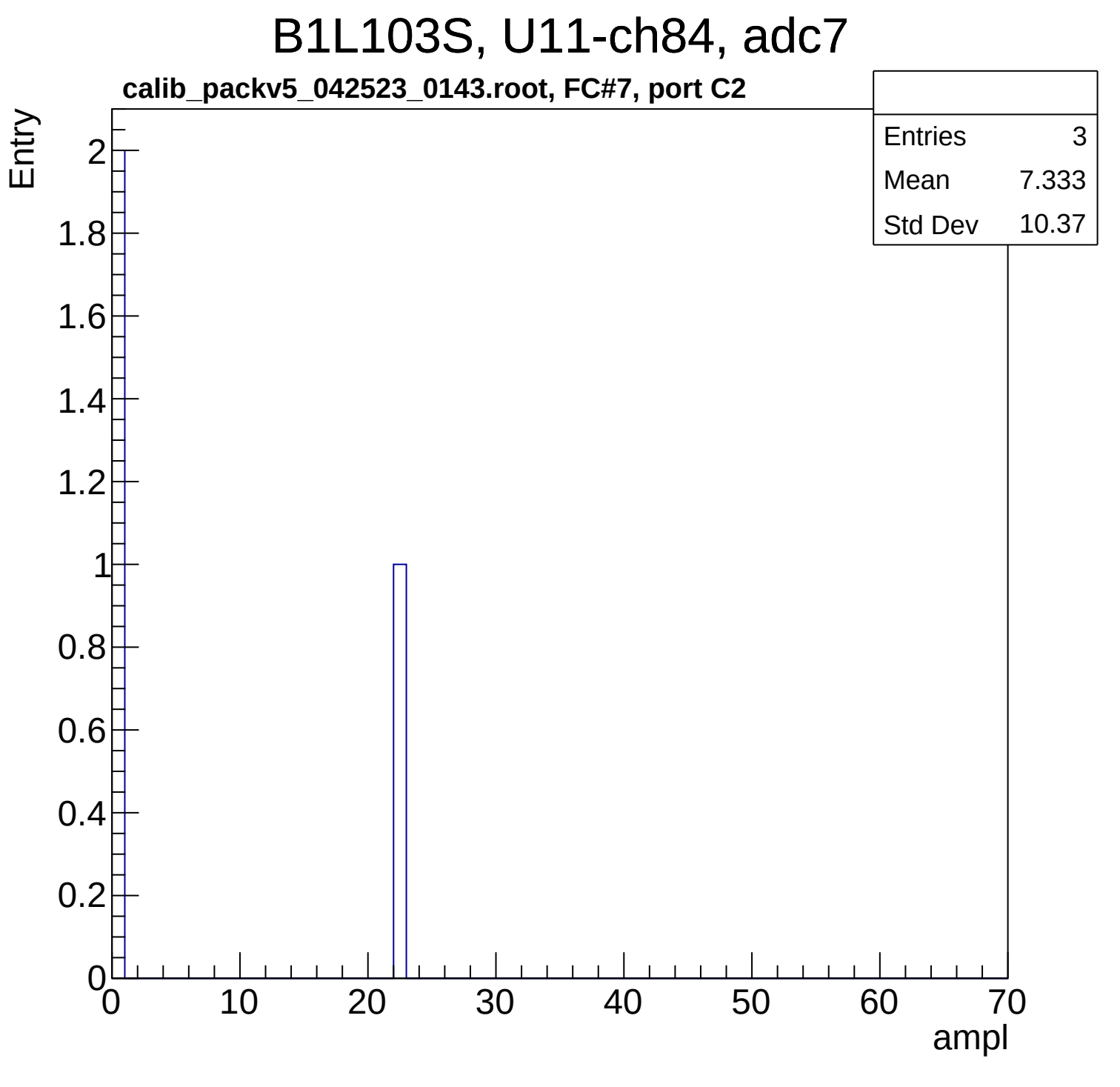
B1L103S, U11-ch84, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 7.333
Std Dev 10.37
Entry
ampl
0
0.2
0.4
0.6
0.8
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1.2
1.4
1.6
1.8
2
0
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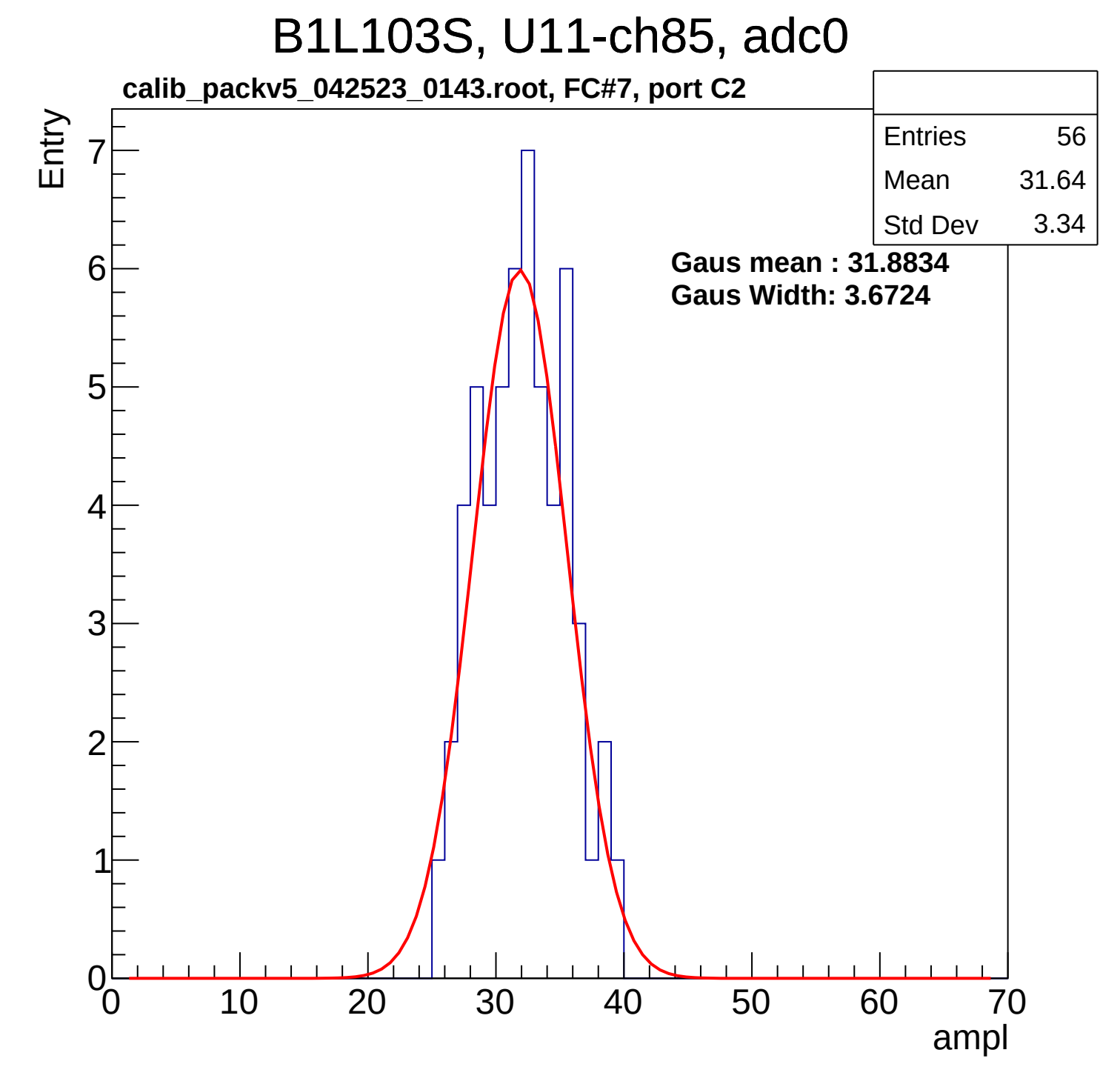
B1L103S, U11-ch85, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 31.64
Std Dev 3.34
Gaus mean : 31.8834
Gaus Width: 3.6724
Entry
ampl
0
1
2
3
4
5
6
7
0
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40
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60
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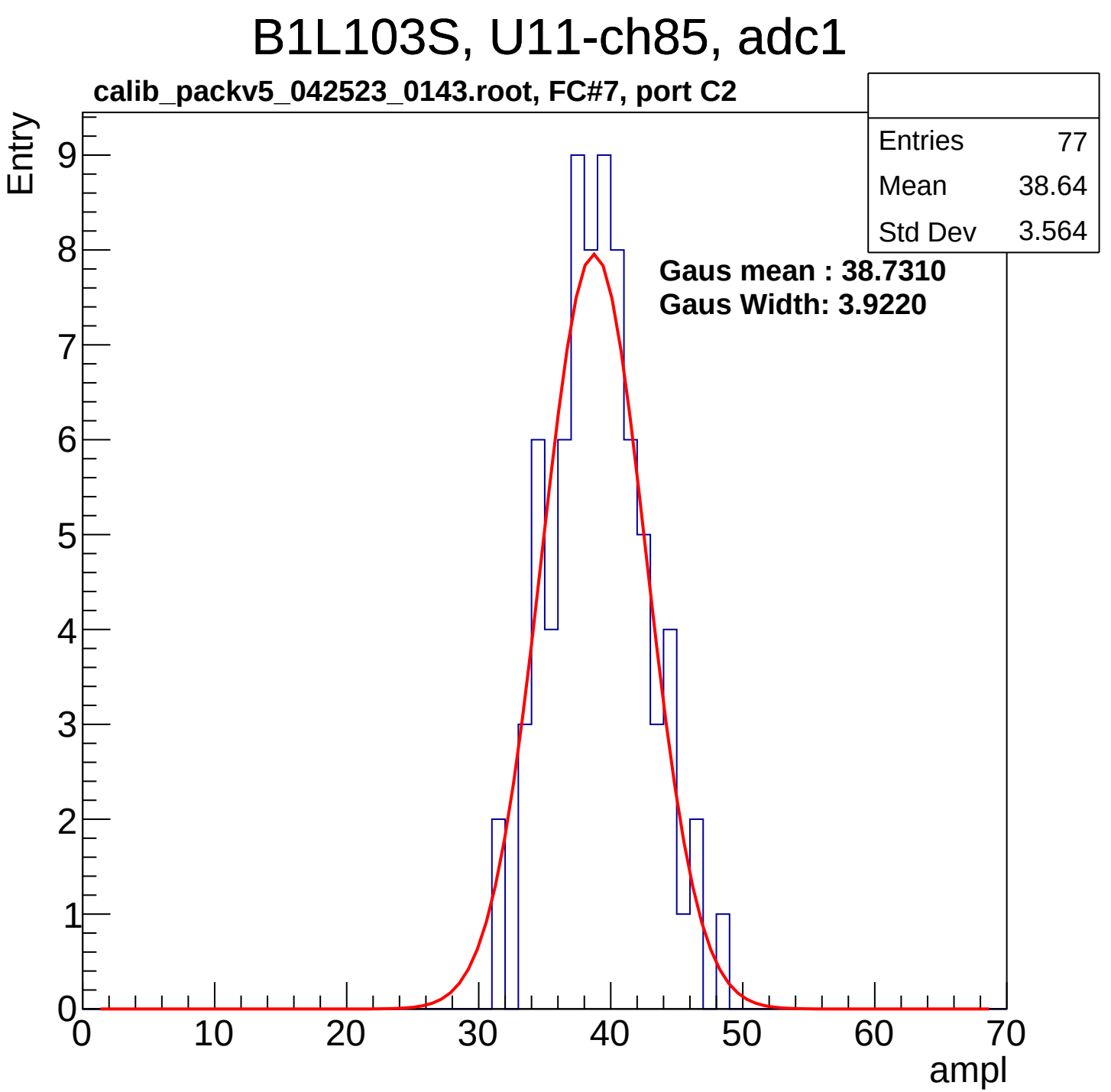
B1L103S, U11-ch85, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 77
Mean 38.64
Std Dev 3.564
Gaus mean : 38.7310
Gaus Width: 3.9220
Entry
ampl
0
1
2
3
4
5
6
7
8
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0
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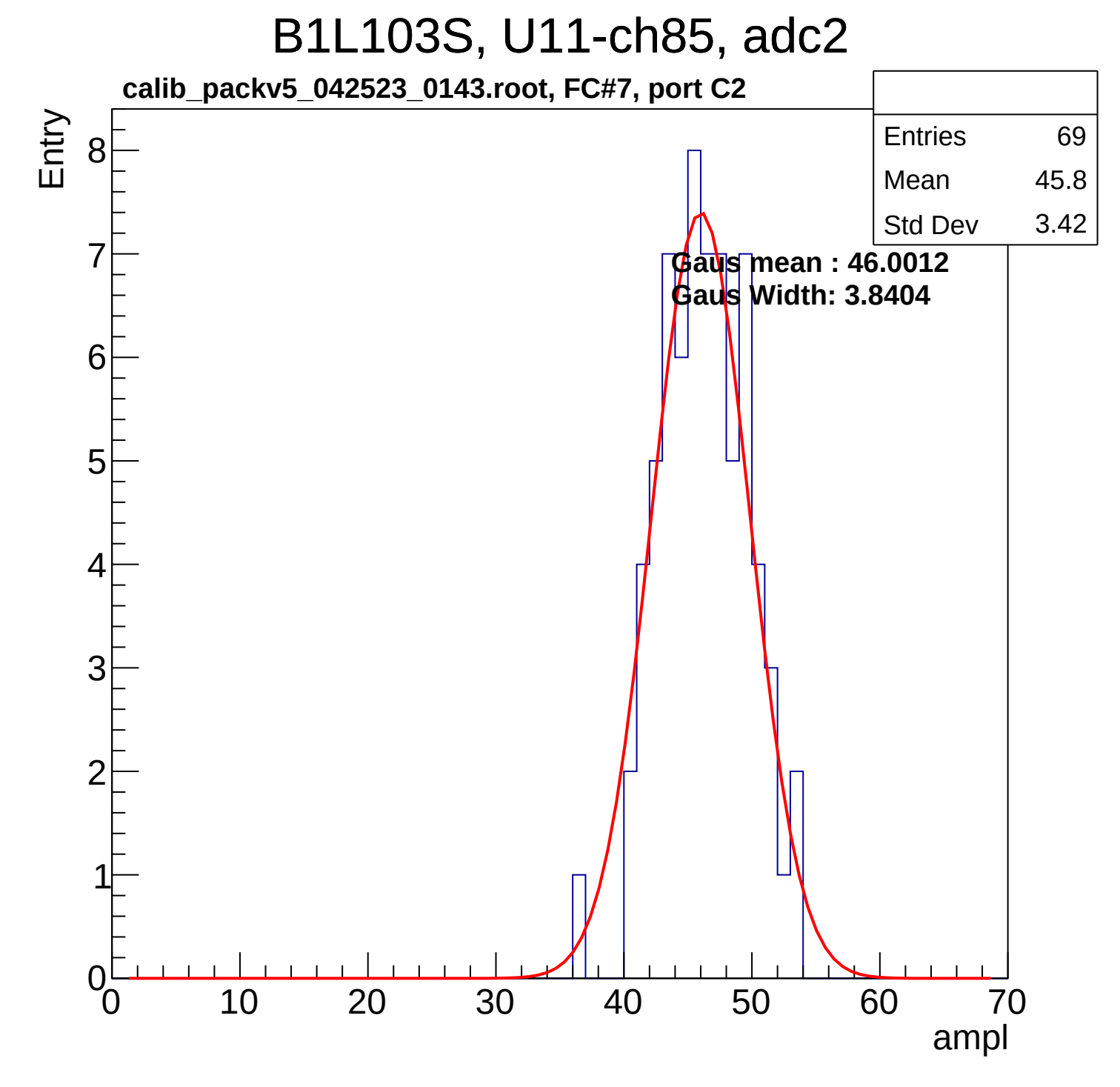
B1L103S, U11-ch85, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 45.8
Std Dev 3.42
Gaus mean : 46.0012
Gaus Width: 3.8404
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
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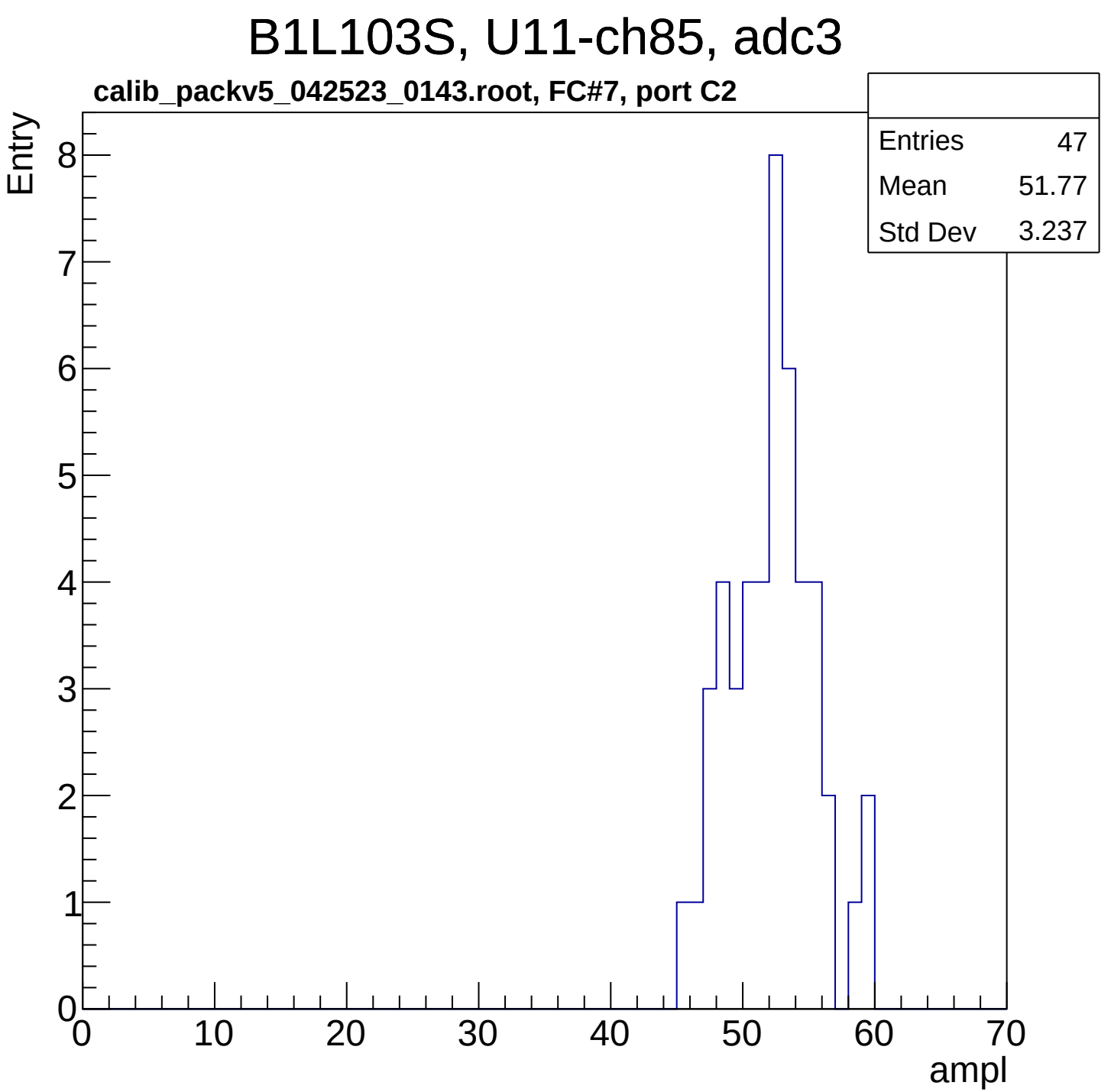
B1L103S, U11-ch85, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 47
Mean 51.77
Std Dev 3.237
Entry
ampl
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1
2
3
4
5
6
7
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0
10
20
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40
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60
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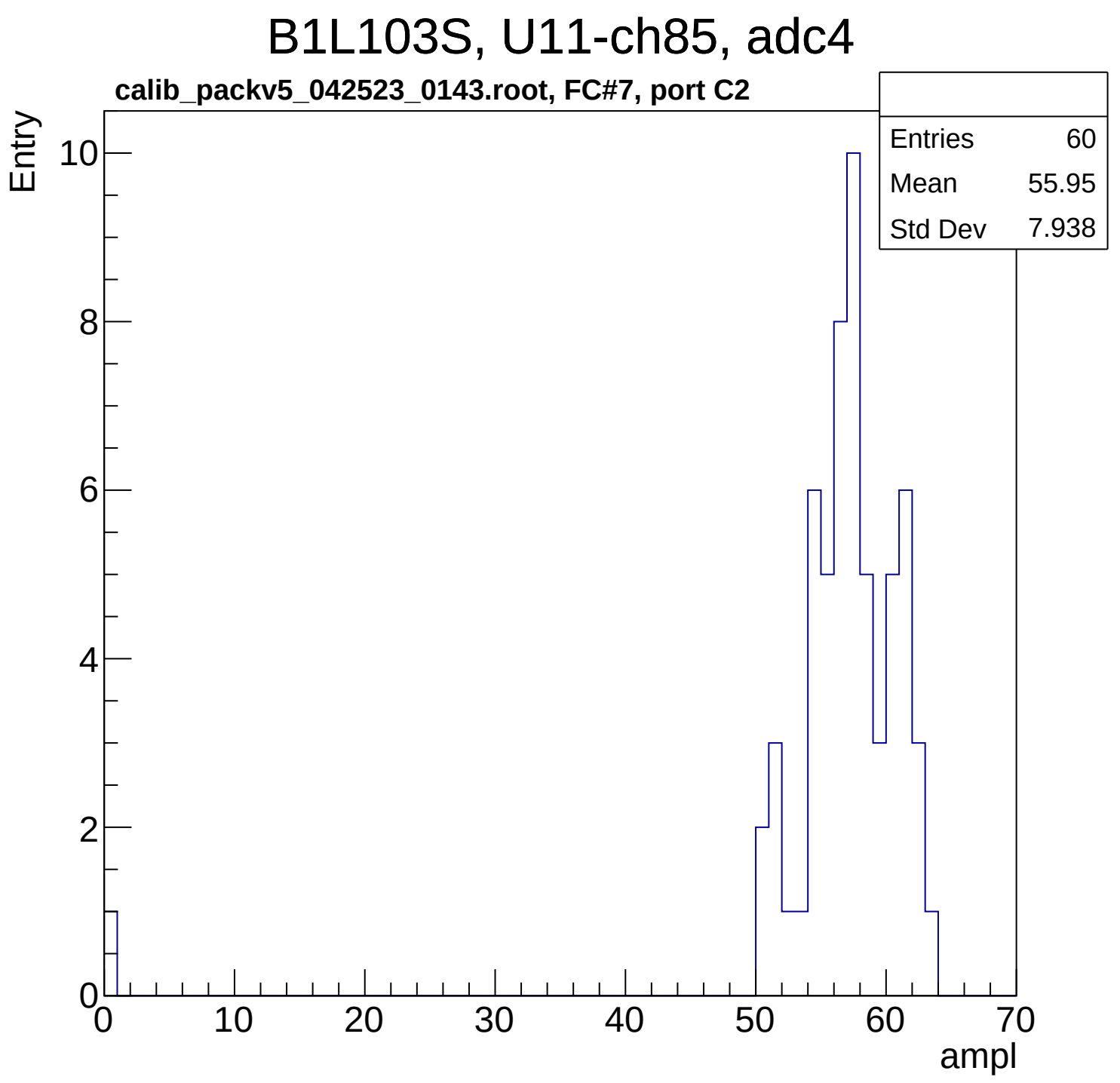
B1L103S, U11-ch85, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 55.95
Std Dev 7.938
Entry
0
2
4
6
8
10
0
10
20
30
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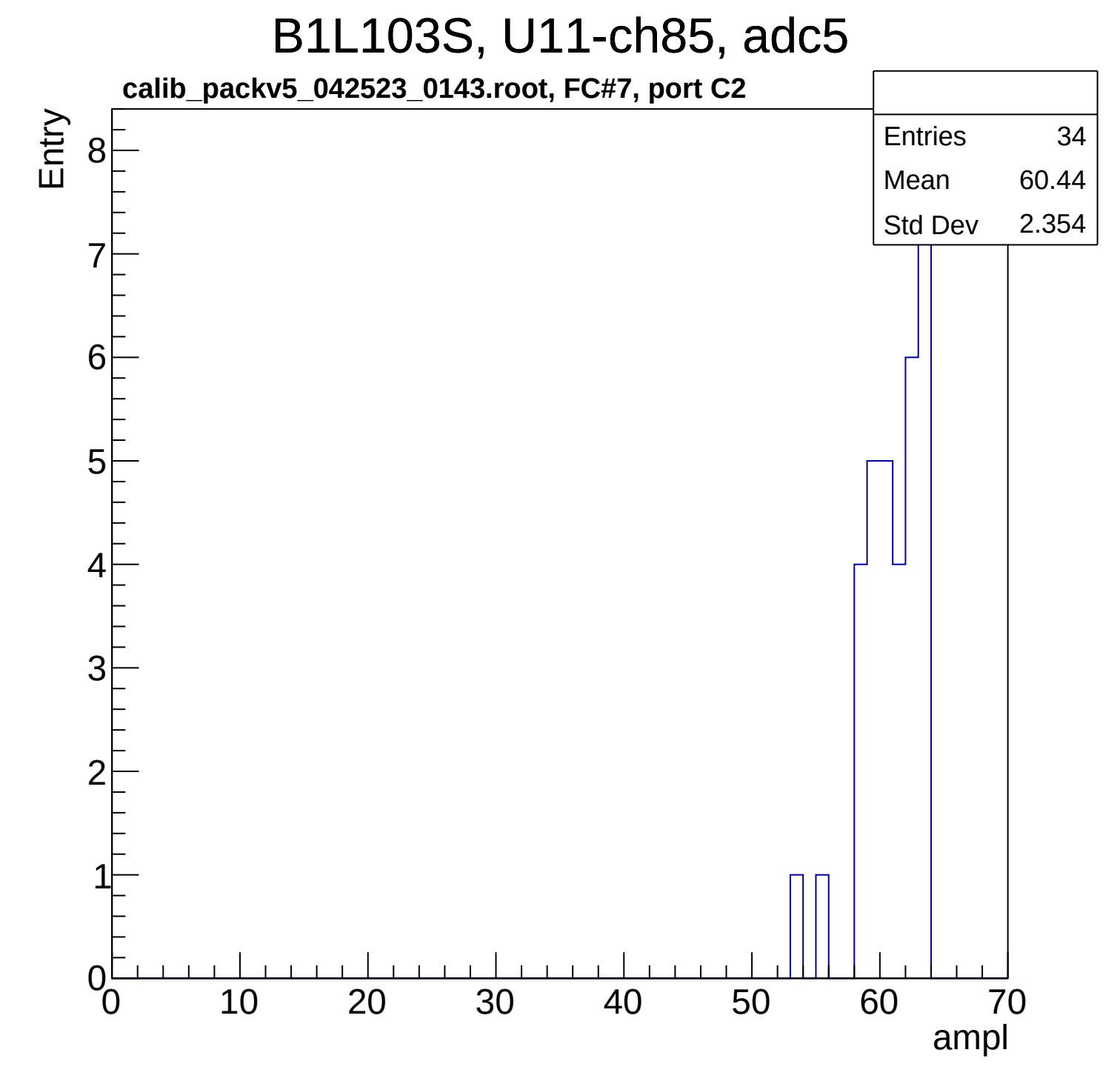
50
60
70
ampl


B1L103S, U11-ch85, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 34
Mean 60.44
Std Dev 2.354
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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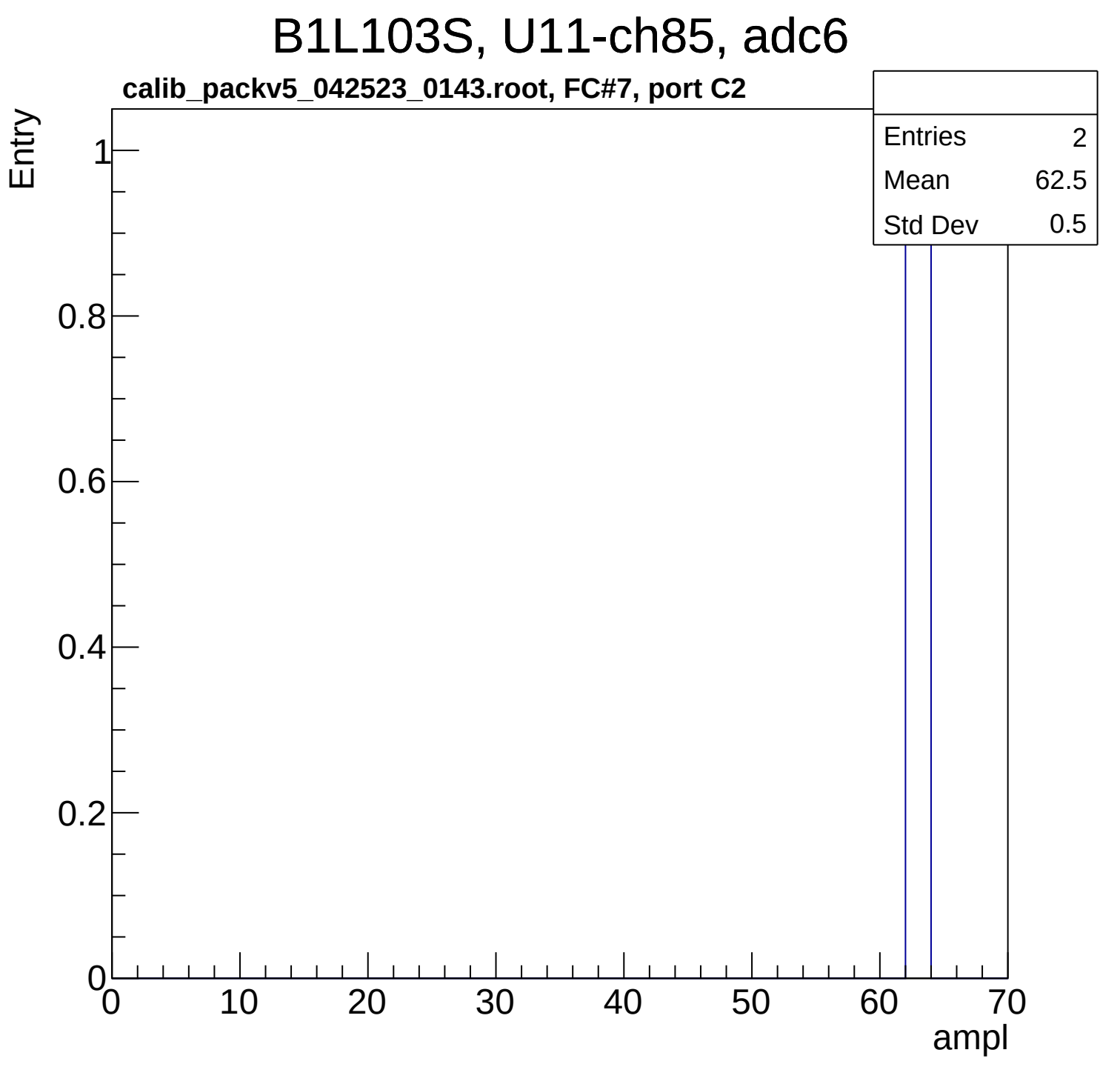
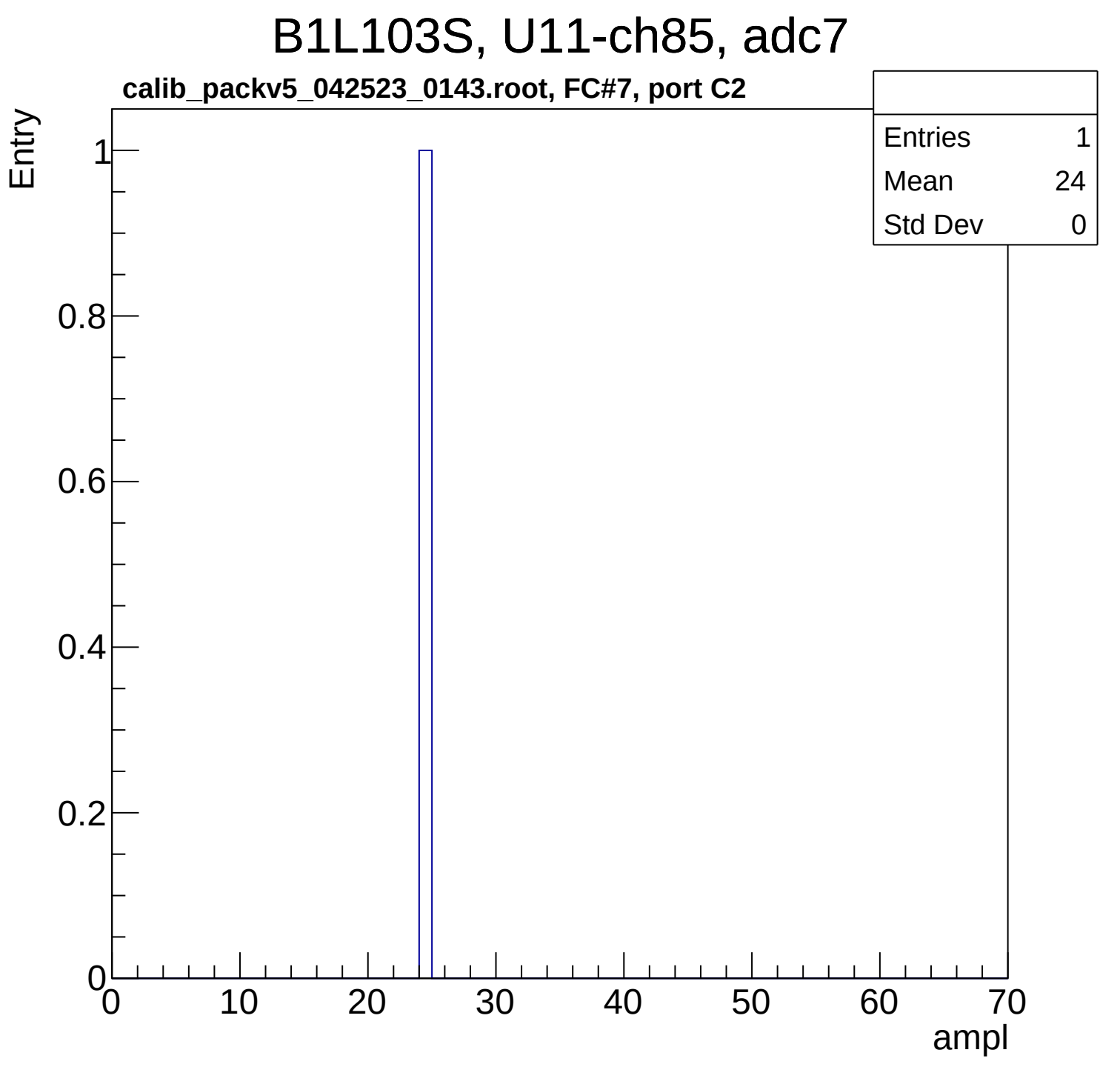

B1L103S, U11-ch85, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch85, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 24
Std Dev 0
Entry
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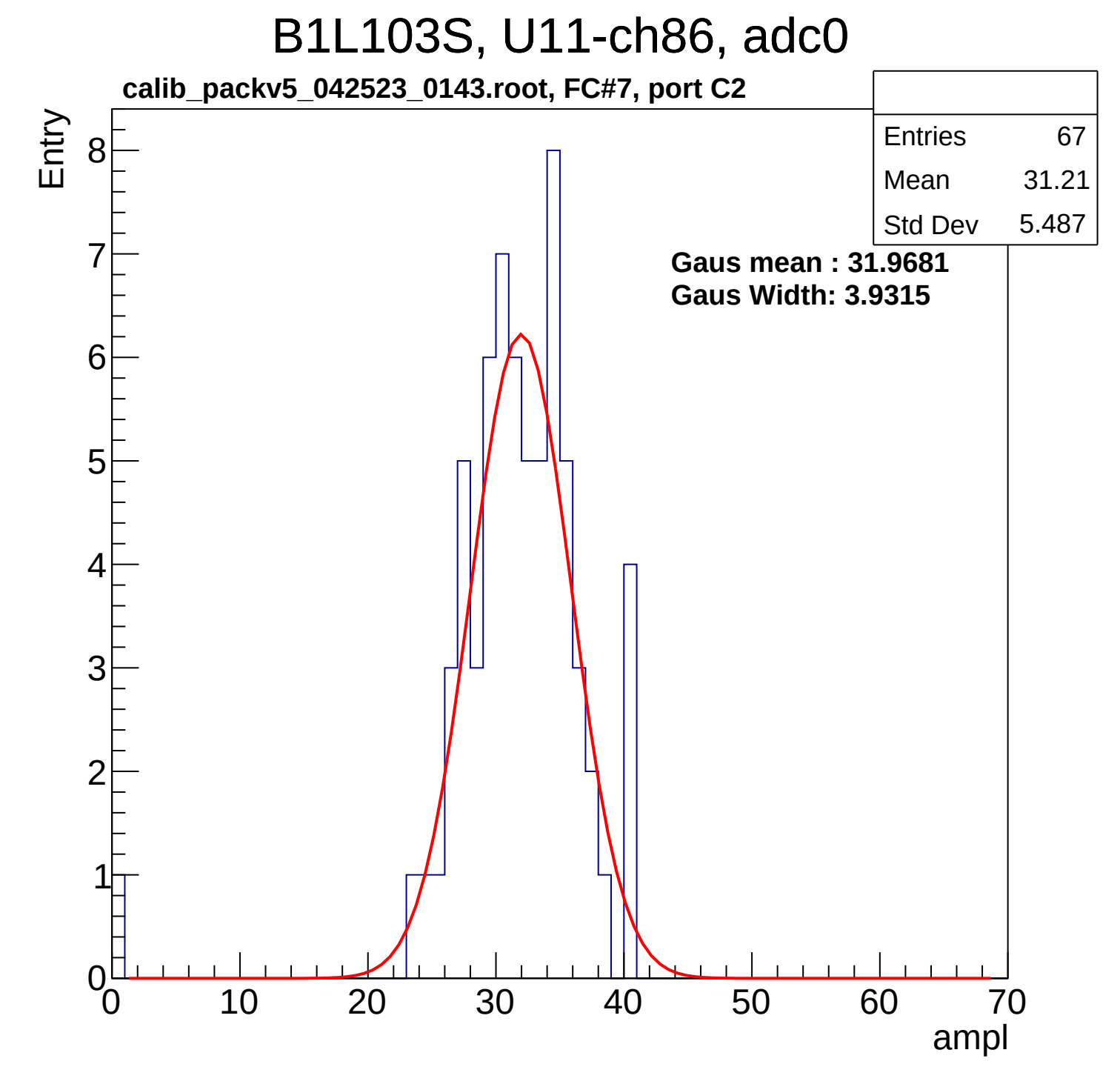
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch86, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 31.21
Std Dev 5.487
Gaus mean : 31.9681
Gaus Width: 3.9315
Entry
ampl
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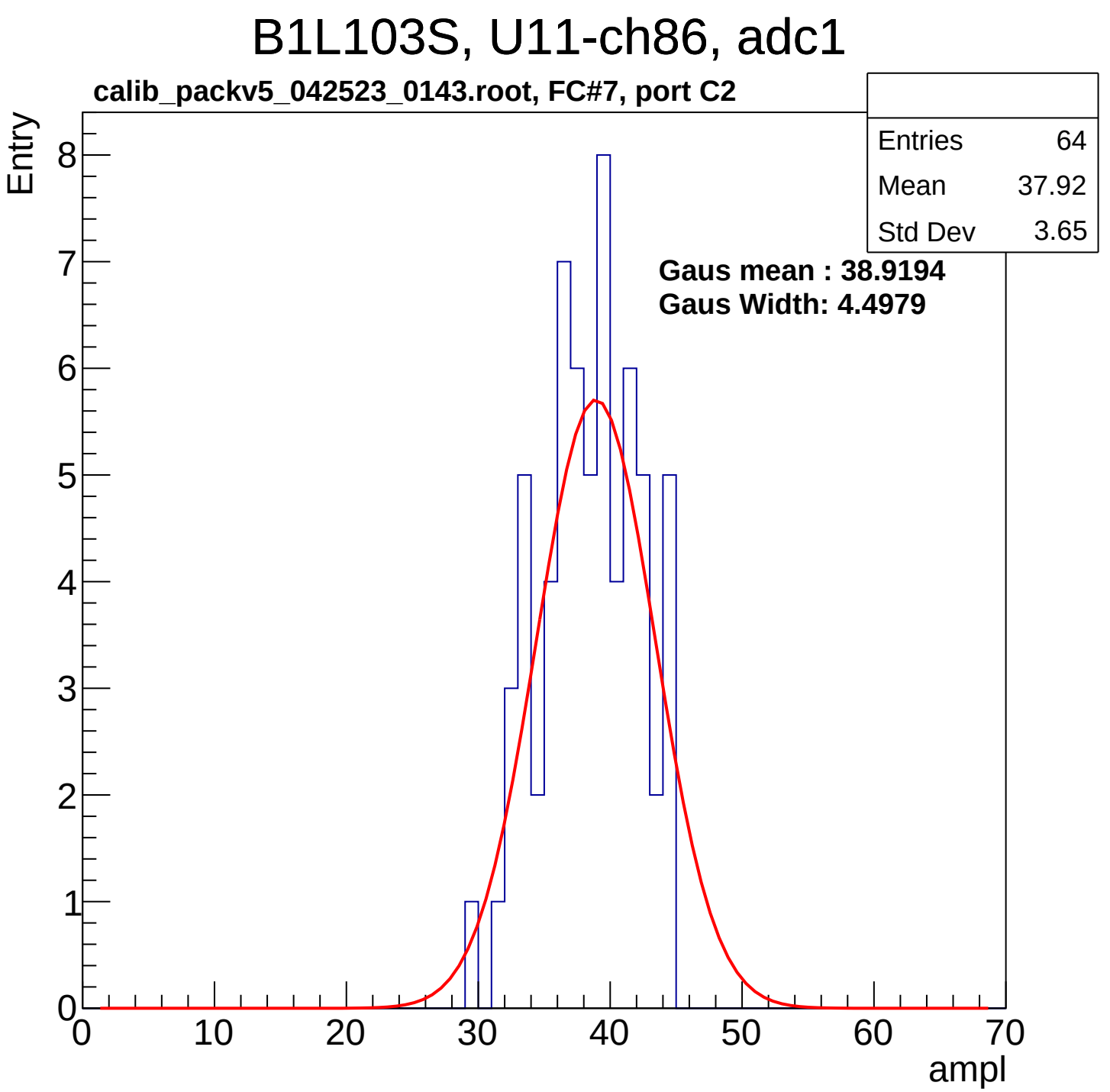
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch86, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 37.92
Std Dev 3.65
Gaus mean : 38.9194
Gaus Width: 4.4979
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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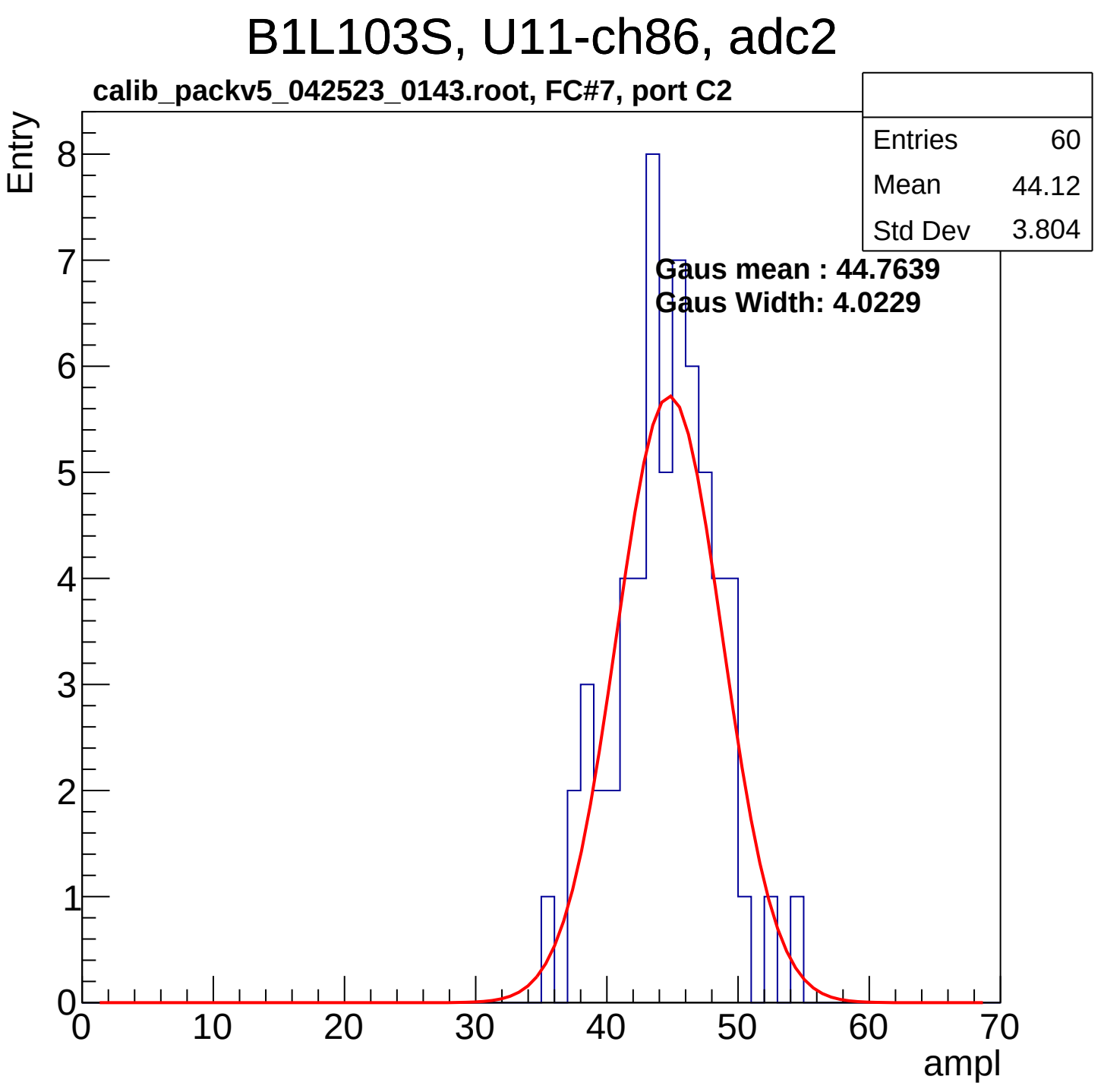
B1L103S, U11-ch86, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 44.12
Std Dev 3.804
Gaus mean : 44.7639
Gaus Width: 4.0229
Entry
ampl
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2
3
4
5
6
7
8
0
10
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40
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60
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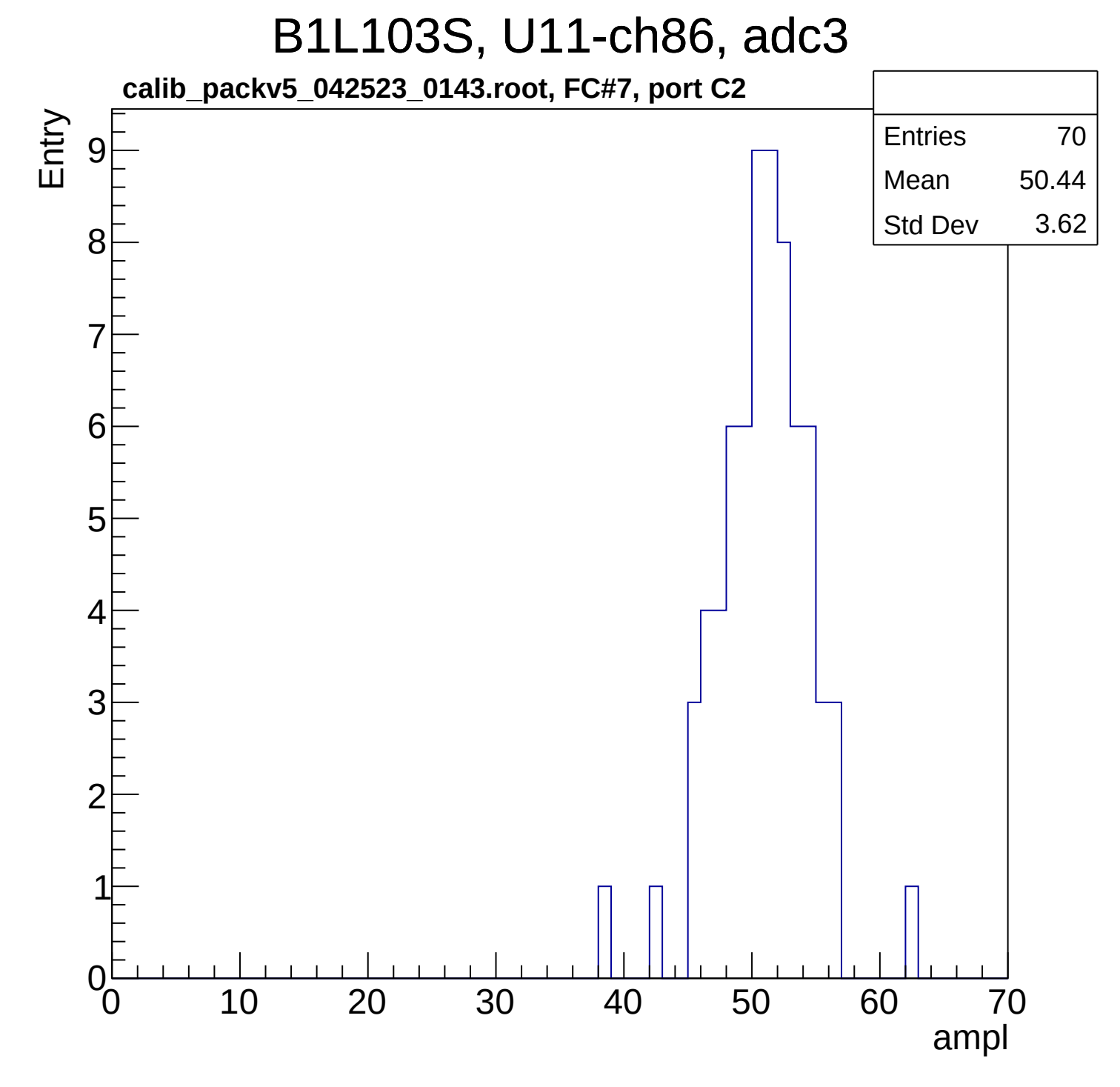
B1L103S, U11-ch86, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 50.44
Std Dev 3.62
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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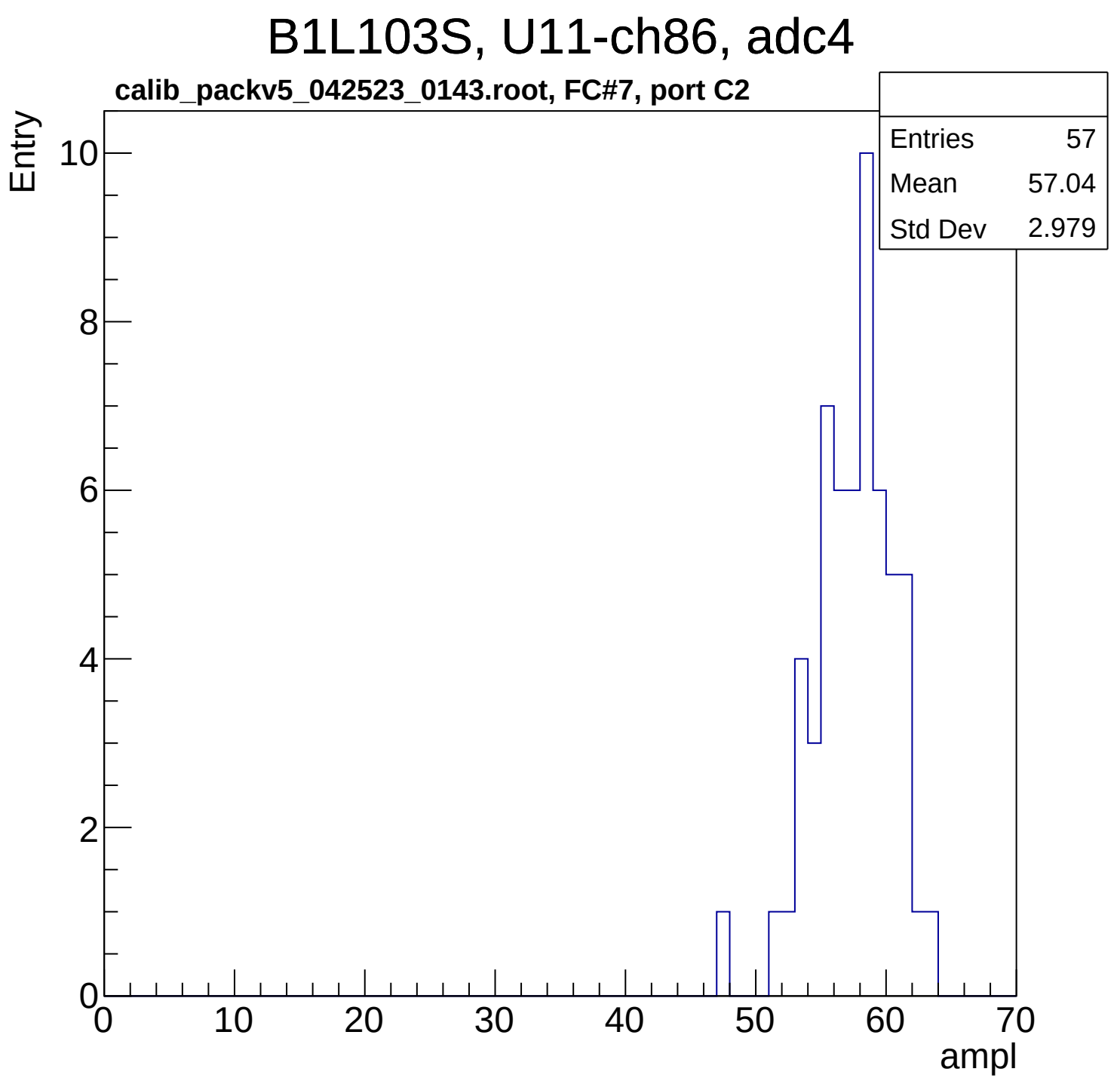
B1L103S, U11-ch86, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 57.04
Std Dev 2.979
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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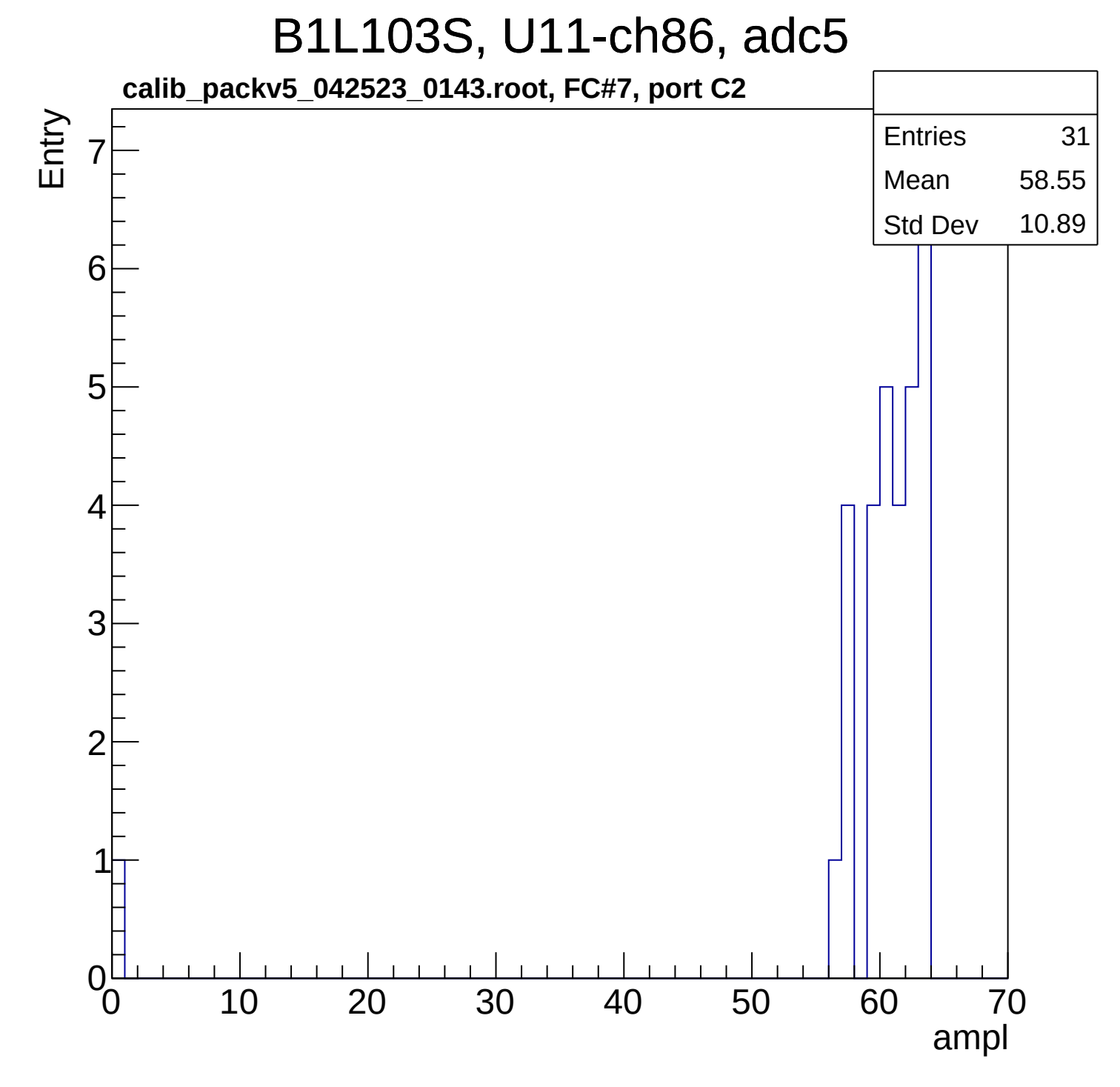
B1L103S, U11-ch86, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 31
Mean 58.55
Std Dev 10.89
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
30
40
50
60
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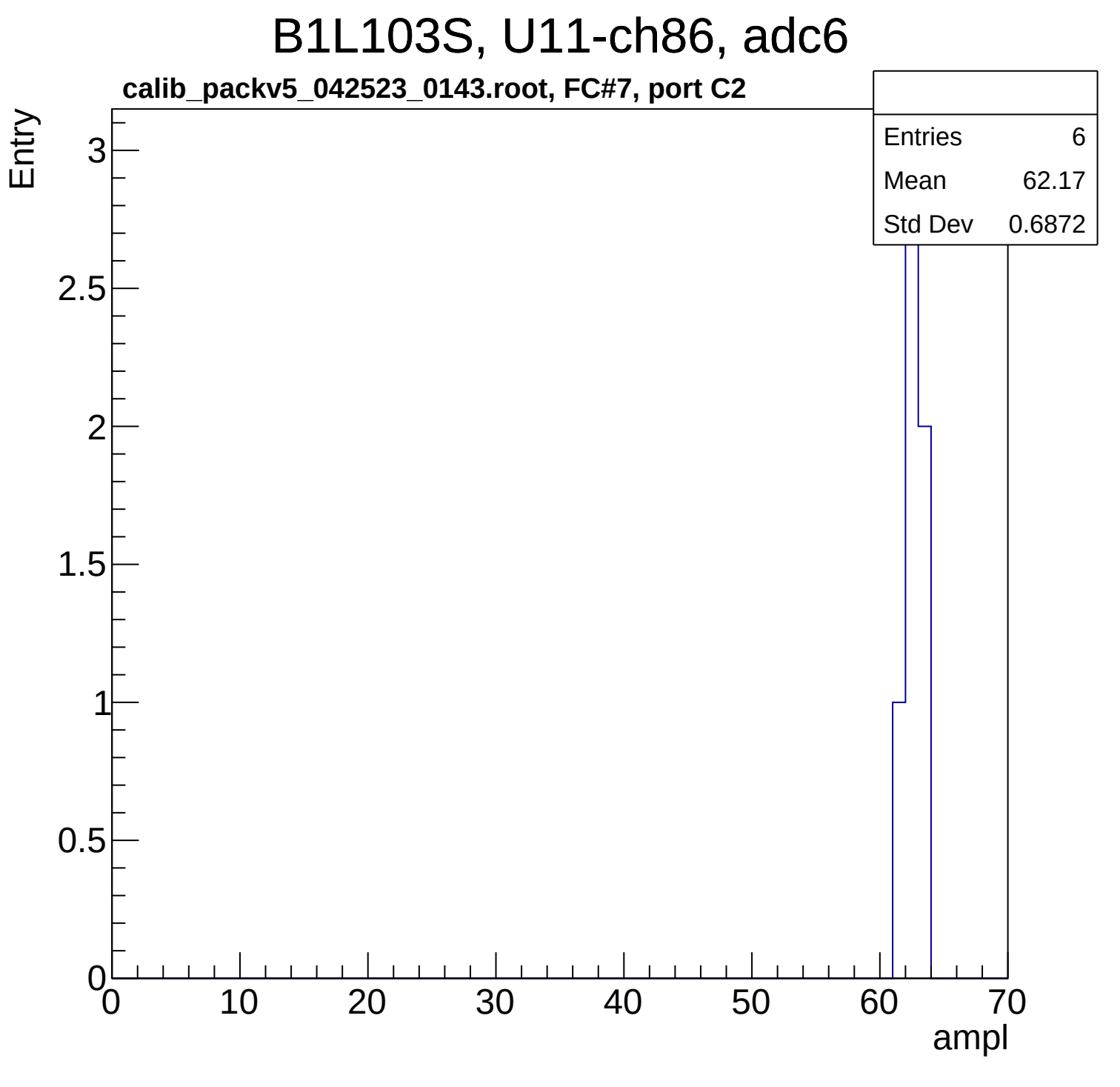
B1L103S, U11-ch86, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 6
Mean 62.17
Std Dev 0.6872
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
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20
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60
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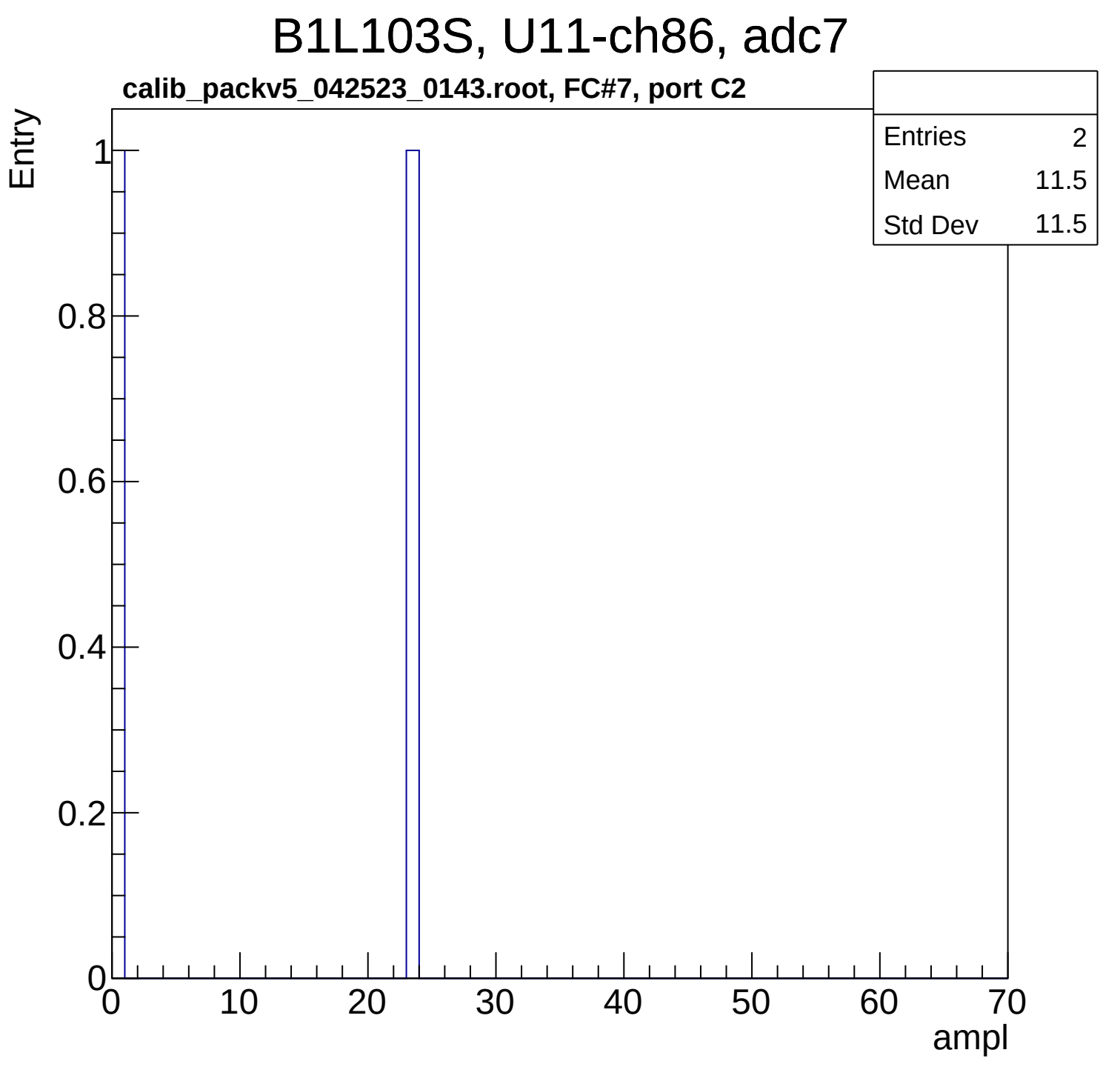
B1L103S, U11-ch86, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 11.5
Std Dev 11.5
Entry
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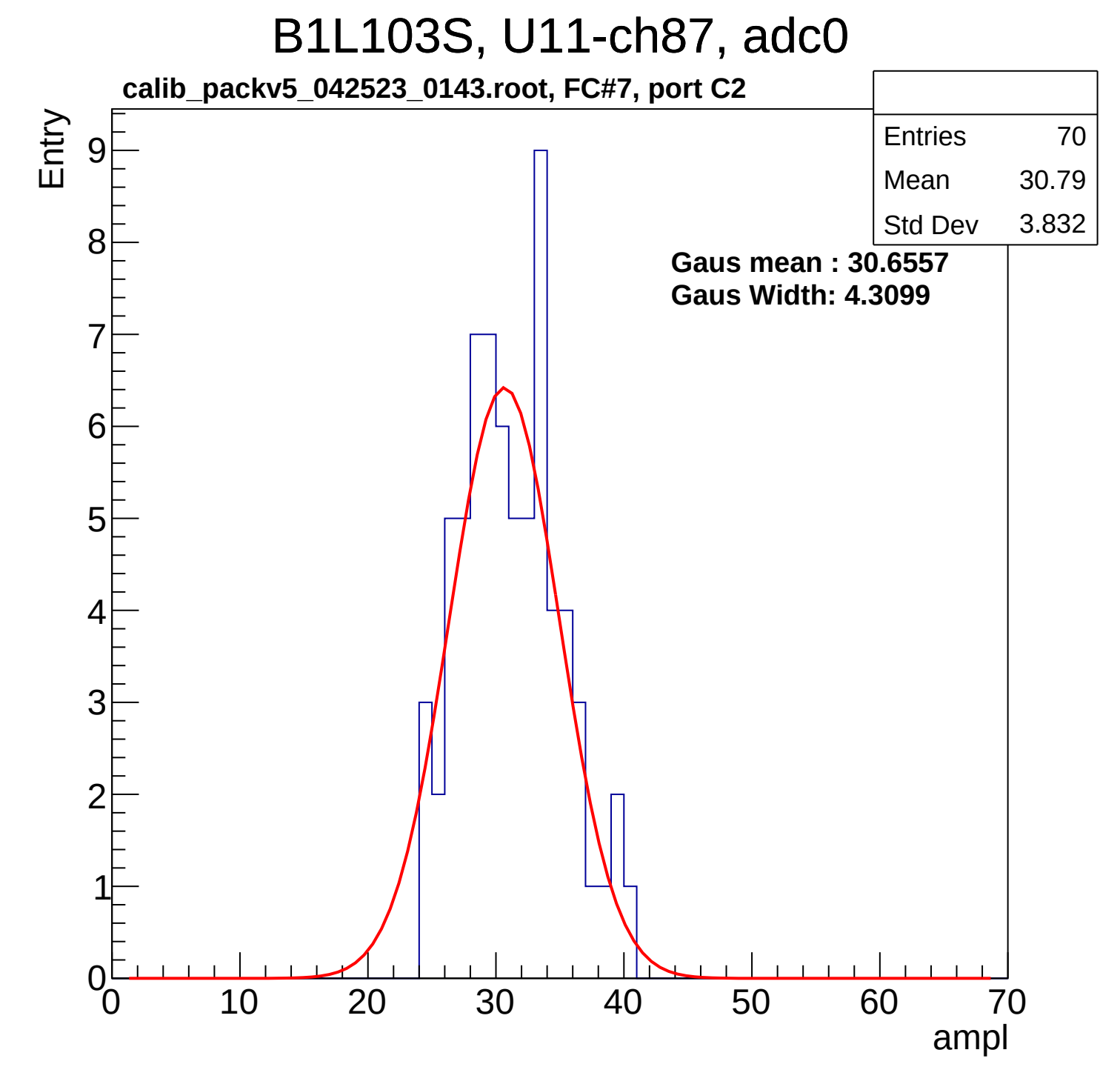
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch87, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 30.79
Std Dev 3.832
Gaus mean : 30.6557
Gaus Width: 4.3099
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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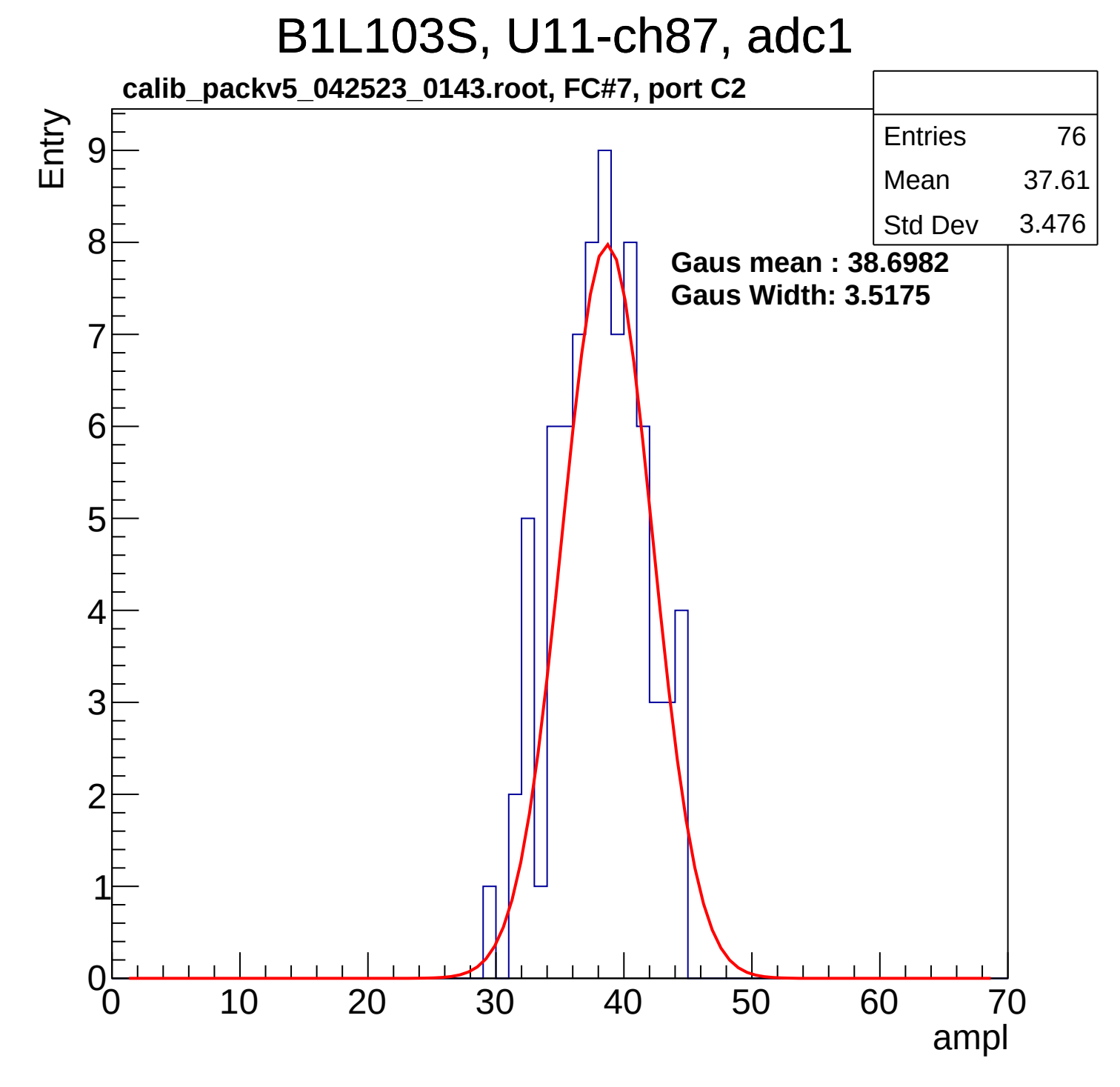
B1L103S, U11-ch87, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 37.61
Std Dev 3.476
Gaus mean : 38.6982
Gaus Width: 3.5175
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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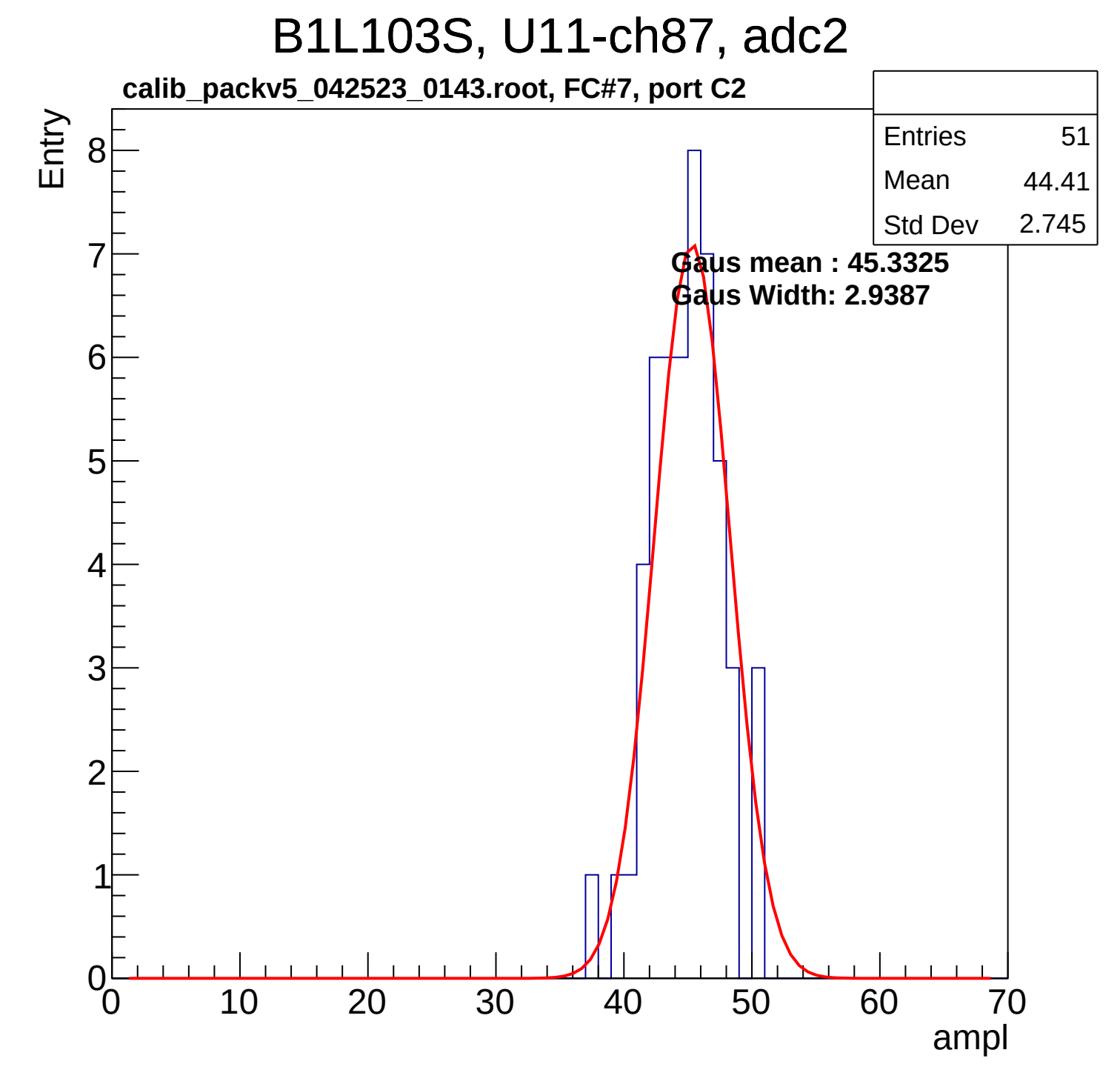
B1L103S, U11-ch87, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 44.41
Std Dev 2.745
Gaus mean : 45.3325
Gaus Width: 2.9387
Entry
ampl
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2
3
4
5
6
7
8
0
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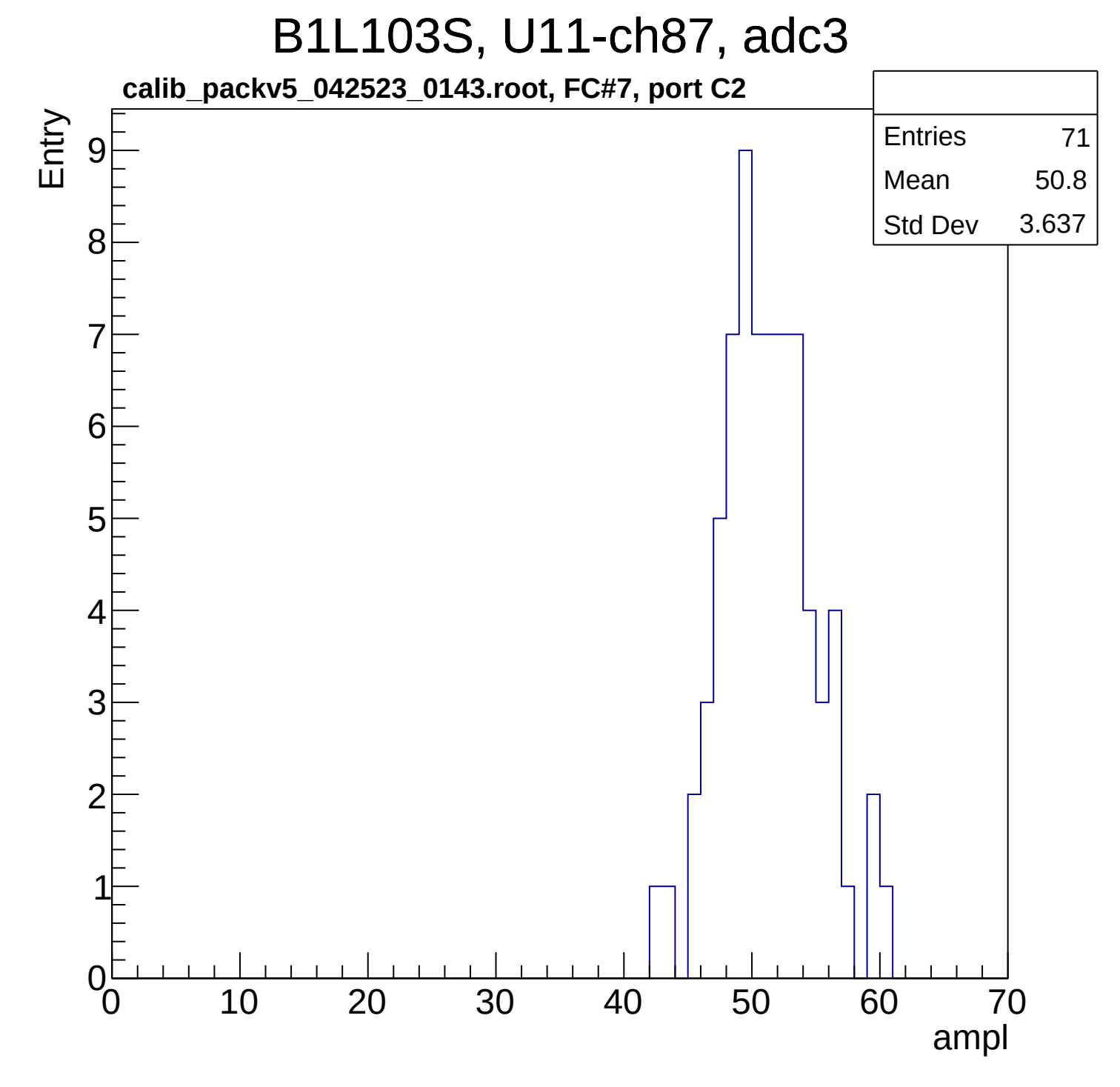
B1L103S, U11-ch87, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 50.8
Std Dev 3.637
Entry
ampl
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6
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0
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60
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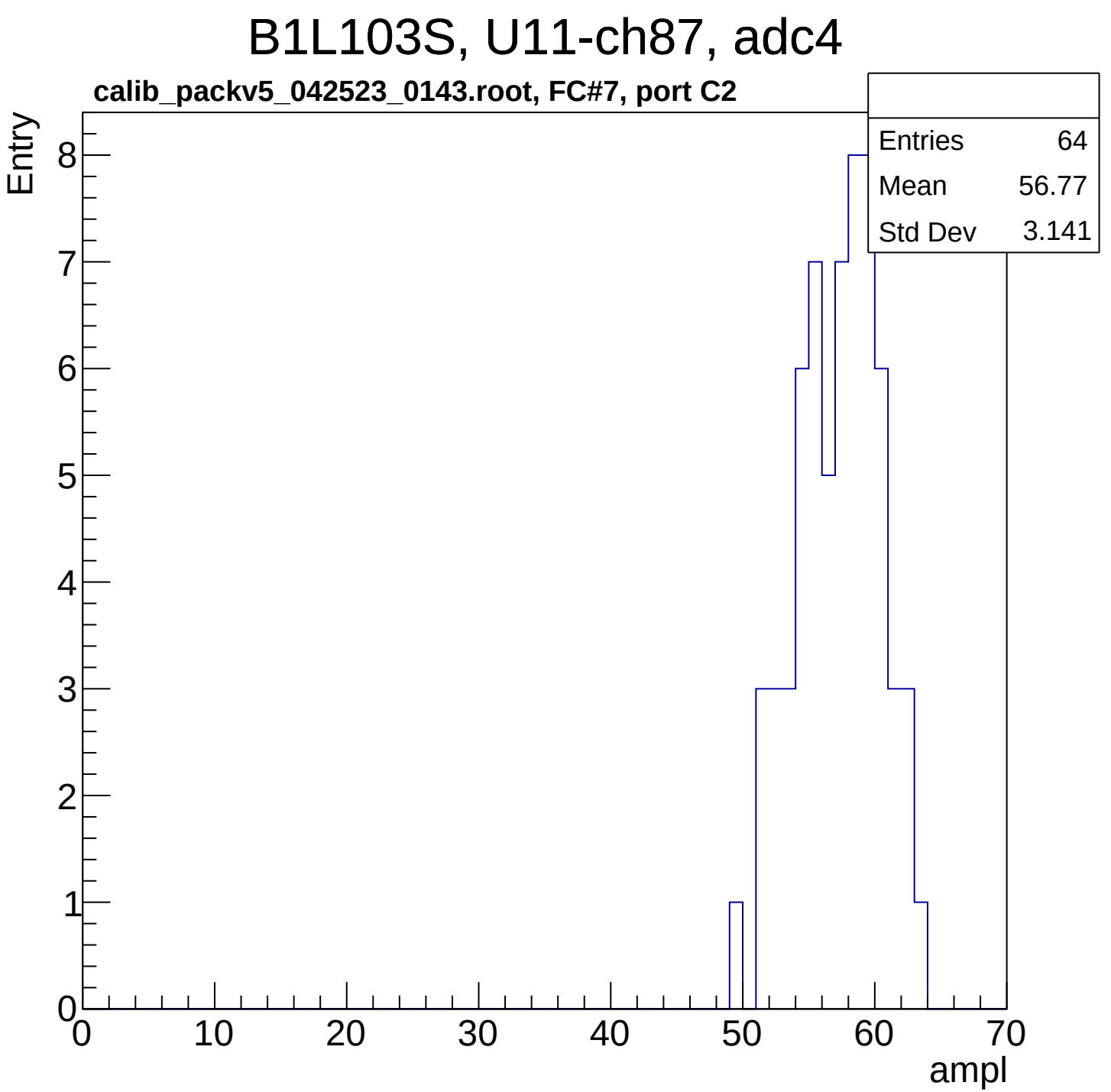
B1L103S, U11-ch87, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 56.77
Std Dev 3.141
Entry
ampl
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2
3
4
5
6
7
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0
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20
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40
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60
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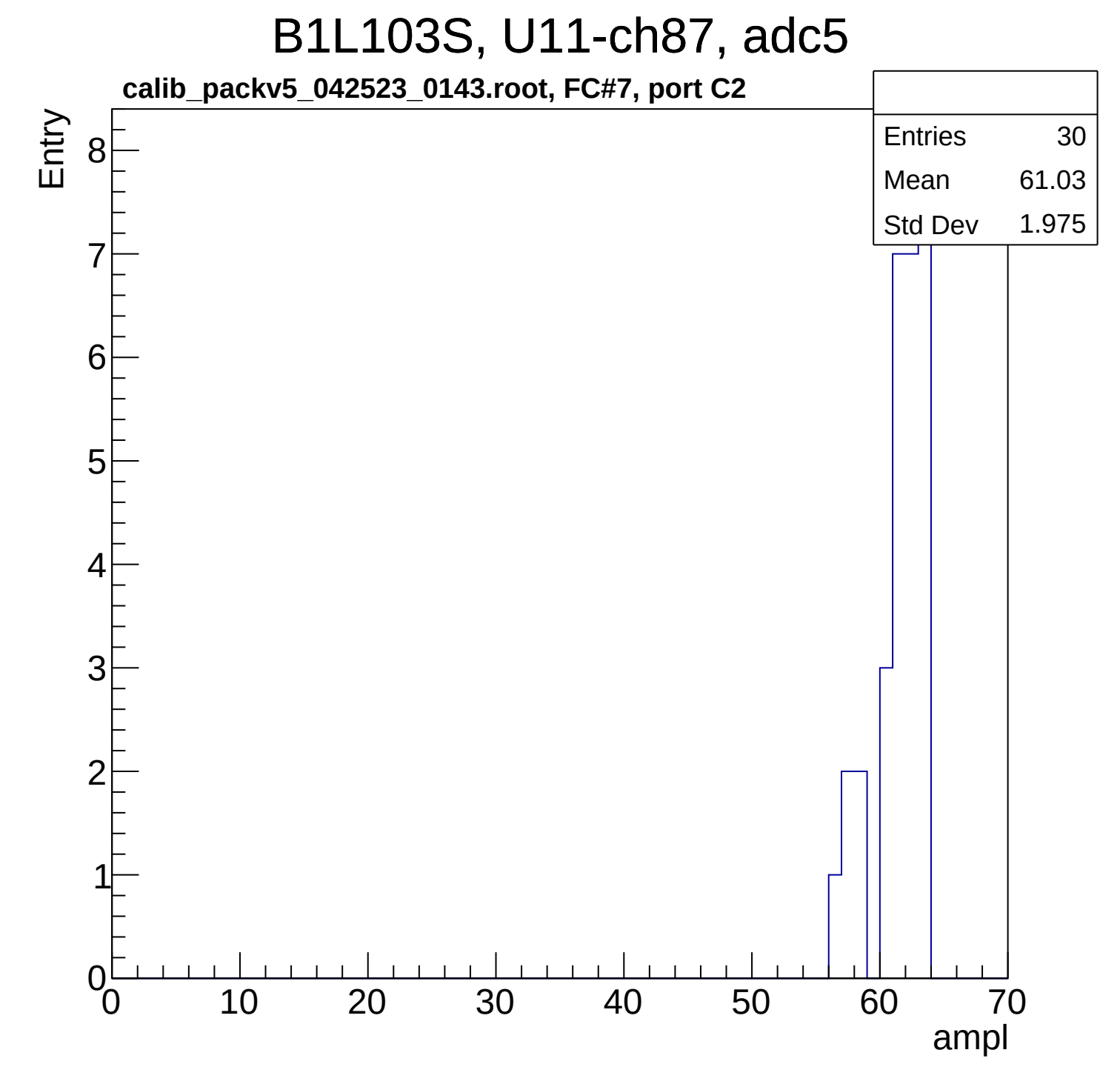
B1L103S, U11-ch87, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 30
Mean 61.03
Std Dev 1.975
Entry
ampl
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2
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4
5
6
7
8
0
10
20
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40
50
60
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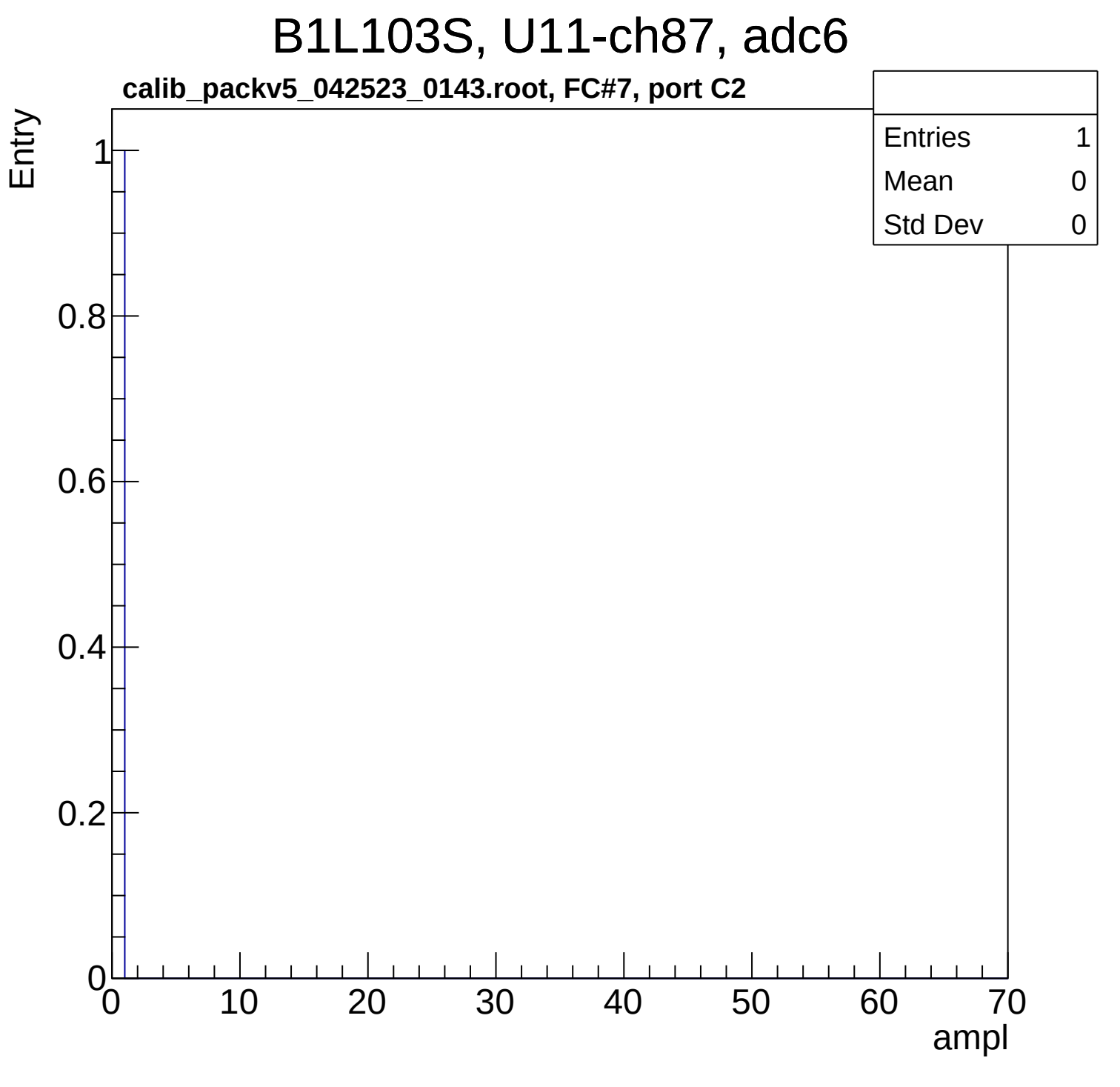
B1L103S, U11-ch87, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
1
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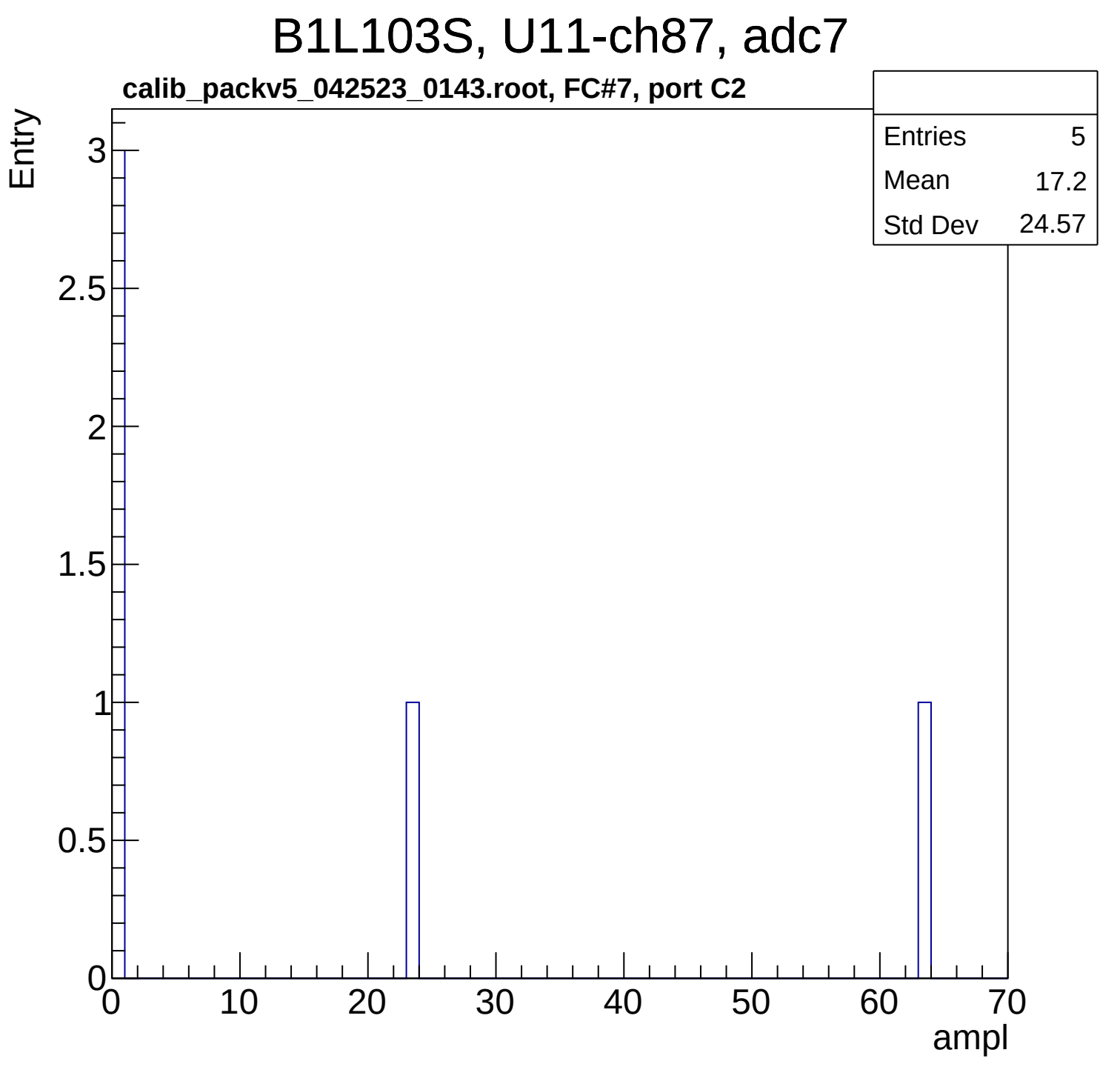
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch87, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 17.2
Std Dev 24.57
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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60
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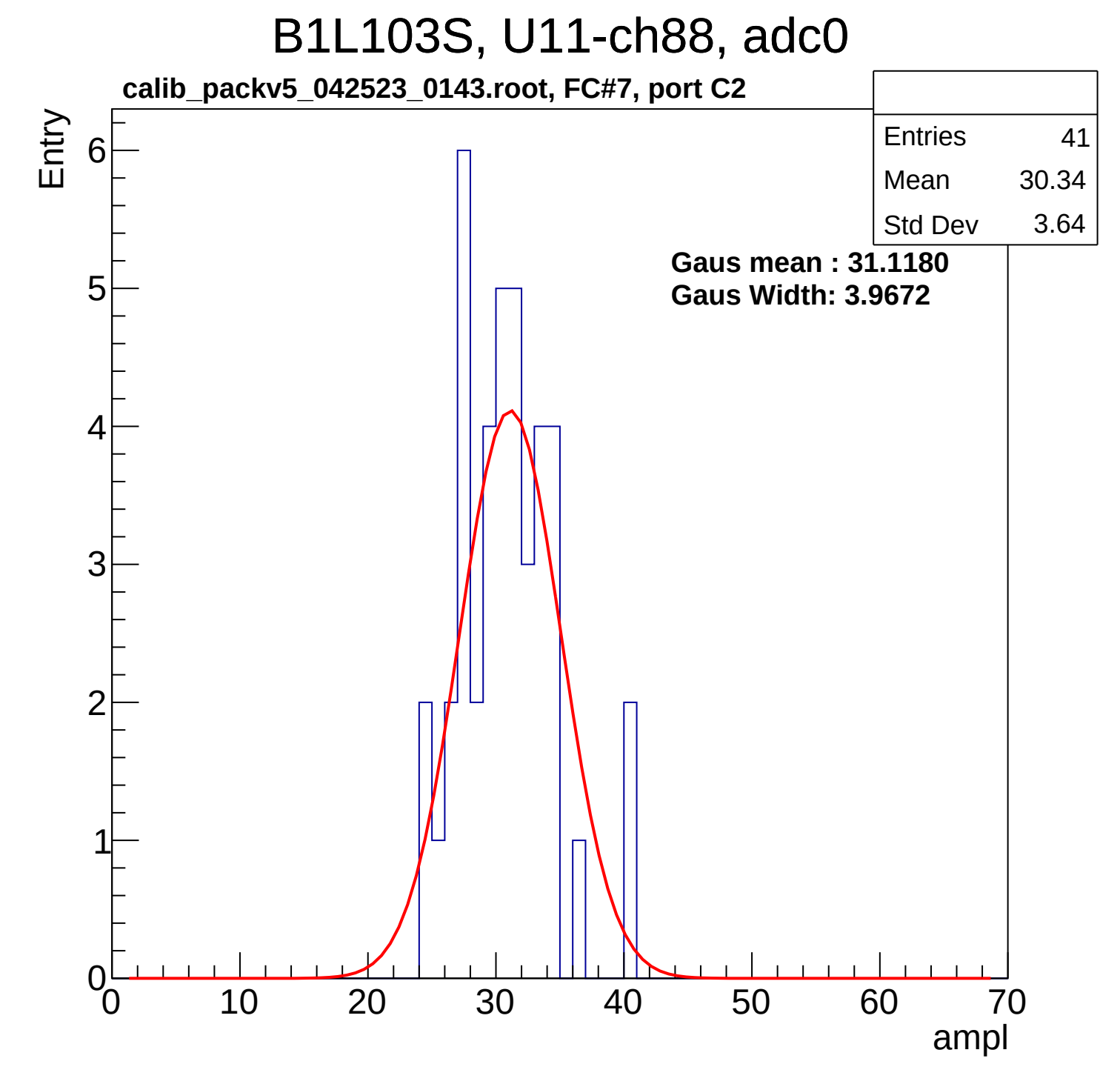
B1L103S, U11-ch88, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 41
Mean 30.34
Std Dev 3.64
Gaus mean : 31.1180
Gaus Width: 3.9672
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
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60
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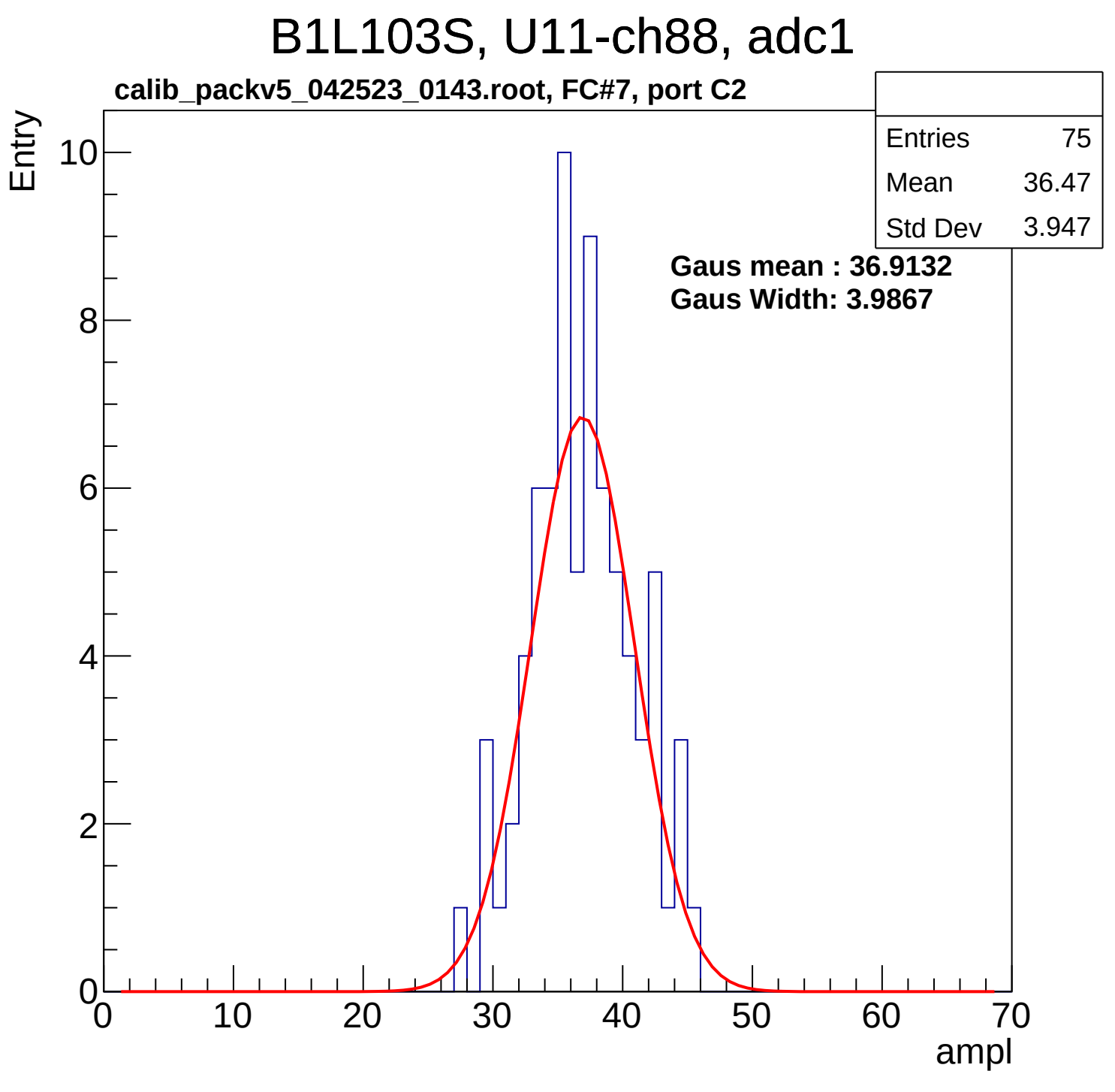
B1L103S, U11-ch88, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 75
Mean 36.47
Std Dev 3.947
Gaus mean : 36.9132
Gaus Width: 3.9867
Entry
ampl
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2
4
6
8
10
0
10
20
30
40
50
60
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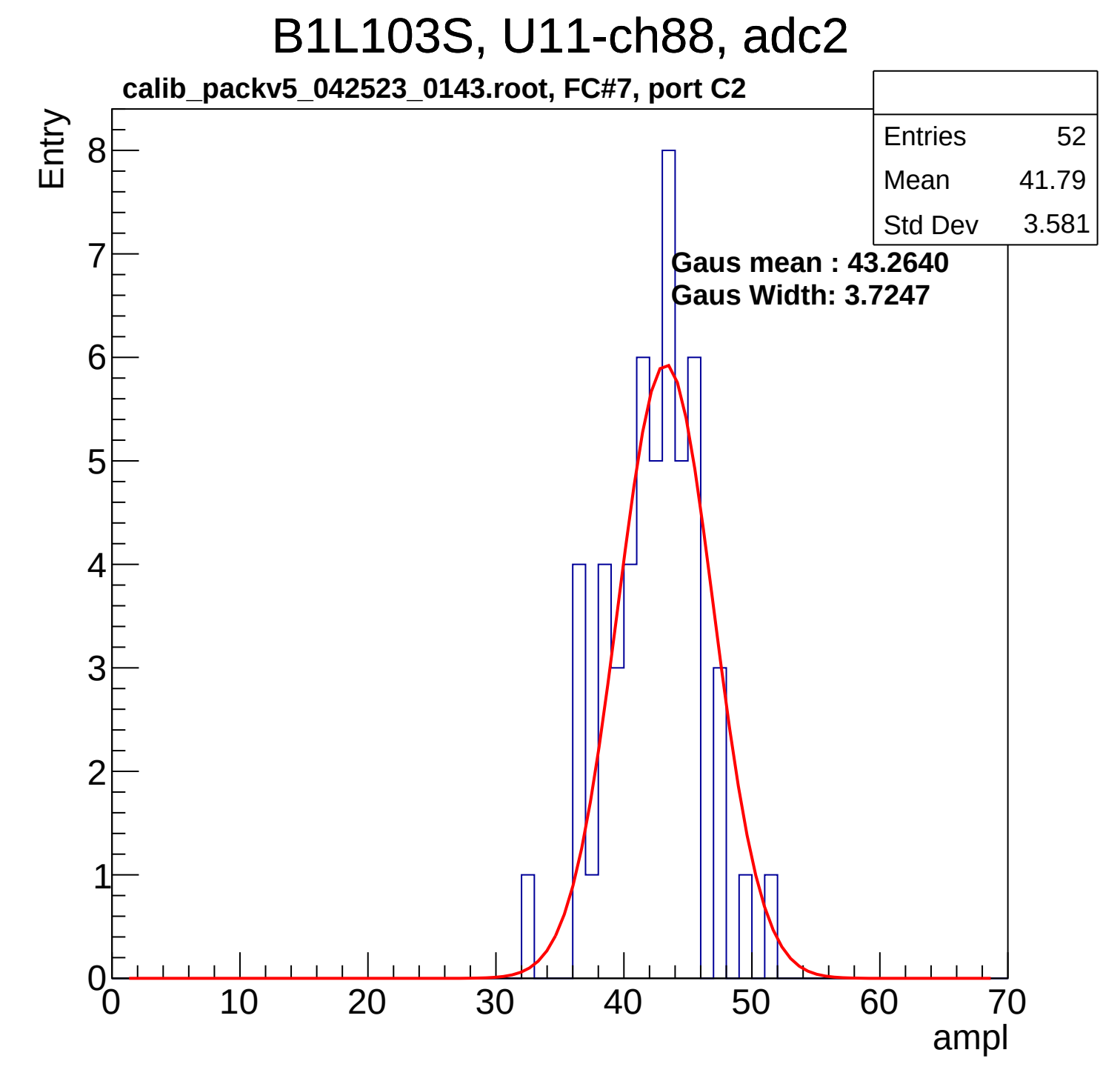
B1L103S, U11-ch88, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 52
Mean 41.79
Std Dev 3.581
Gaus mean : 43.2640
Gaus Width: 3.7247
Entry
ampl
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2
3
4
5
6
7
8
0
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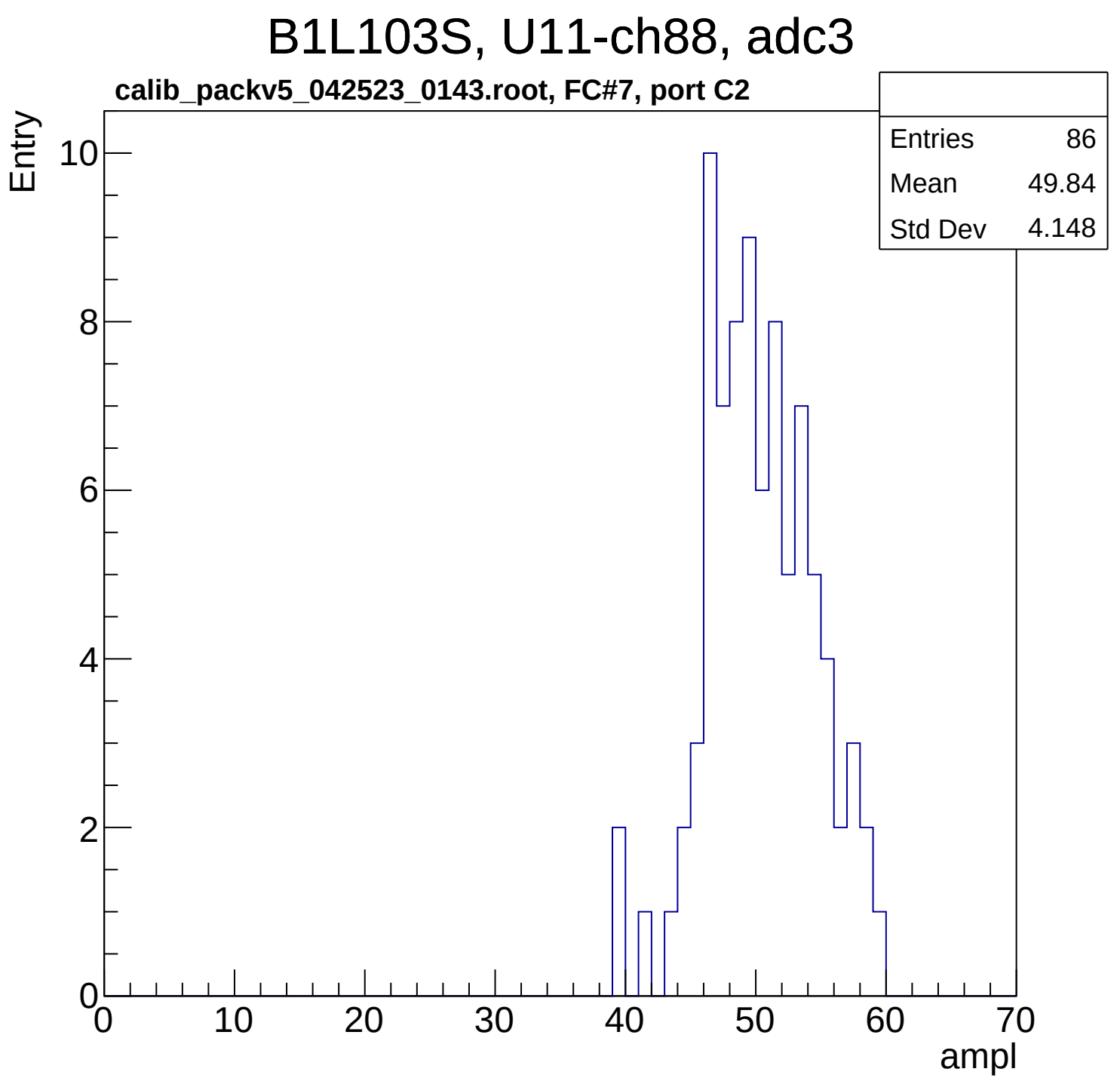
B1L103S, U11-ch88, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 86
Mean 49.84
Std Dev 4.148
Entry
ampl
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4
6
8
10
0
10
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60
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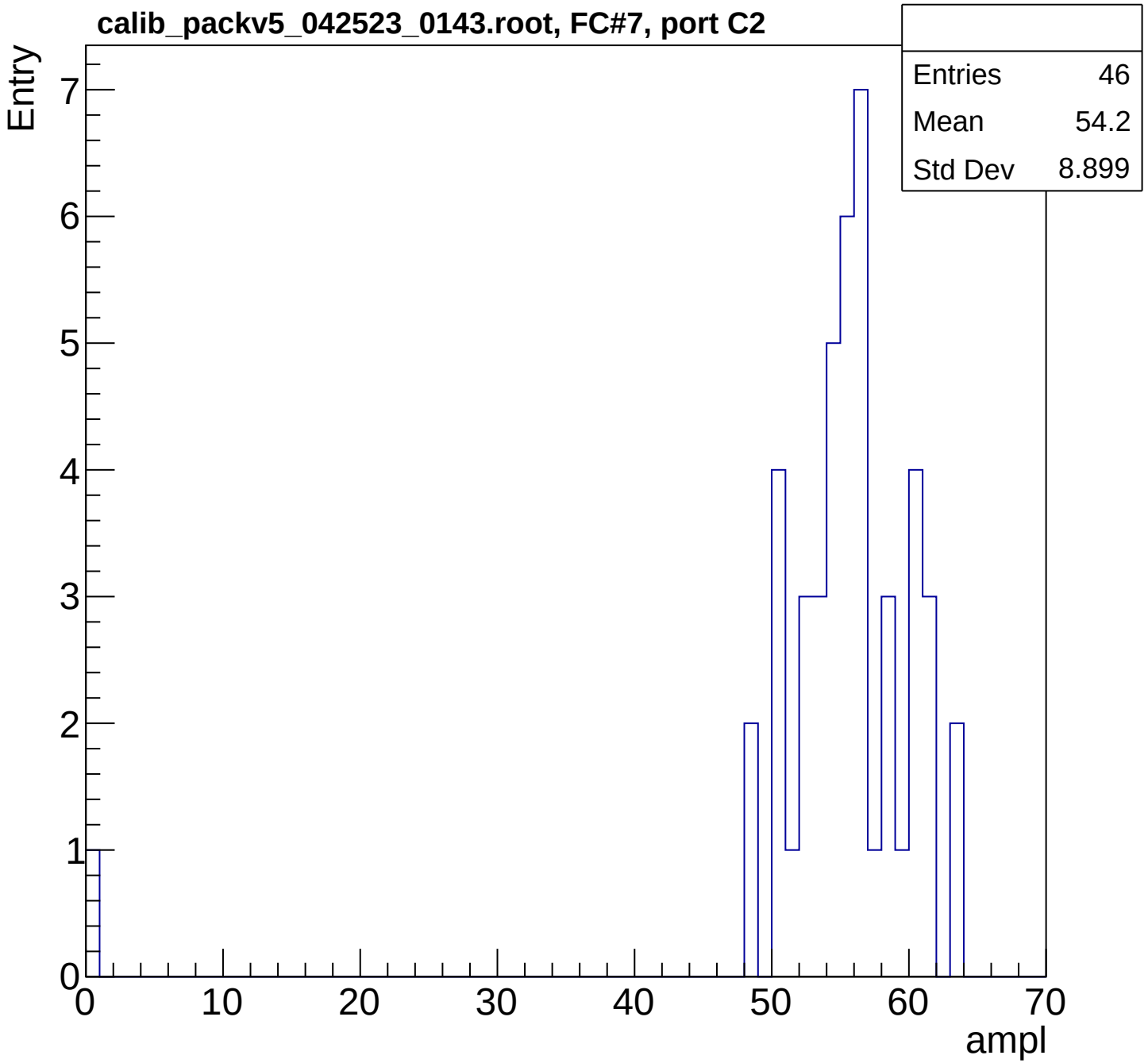
B1L103S, U11-ch88, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 46
Mean 54.2
Std Dev 8.899
Entry
ampl
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1
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3
4
5
6
7
0
10
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40
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60
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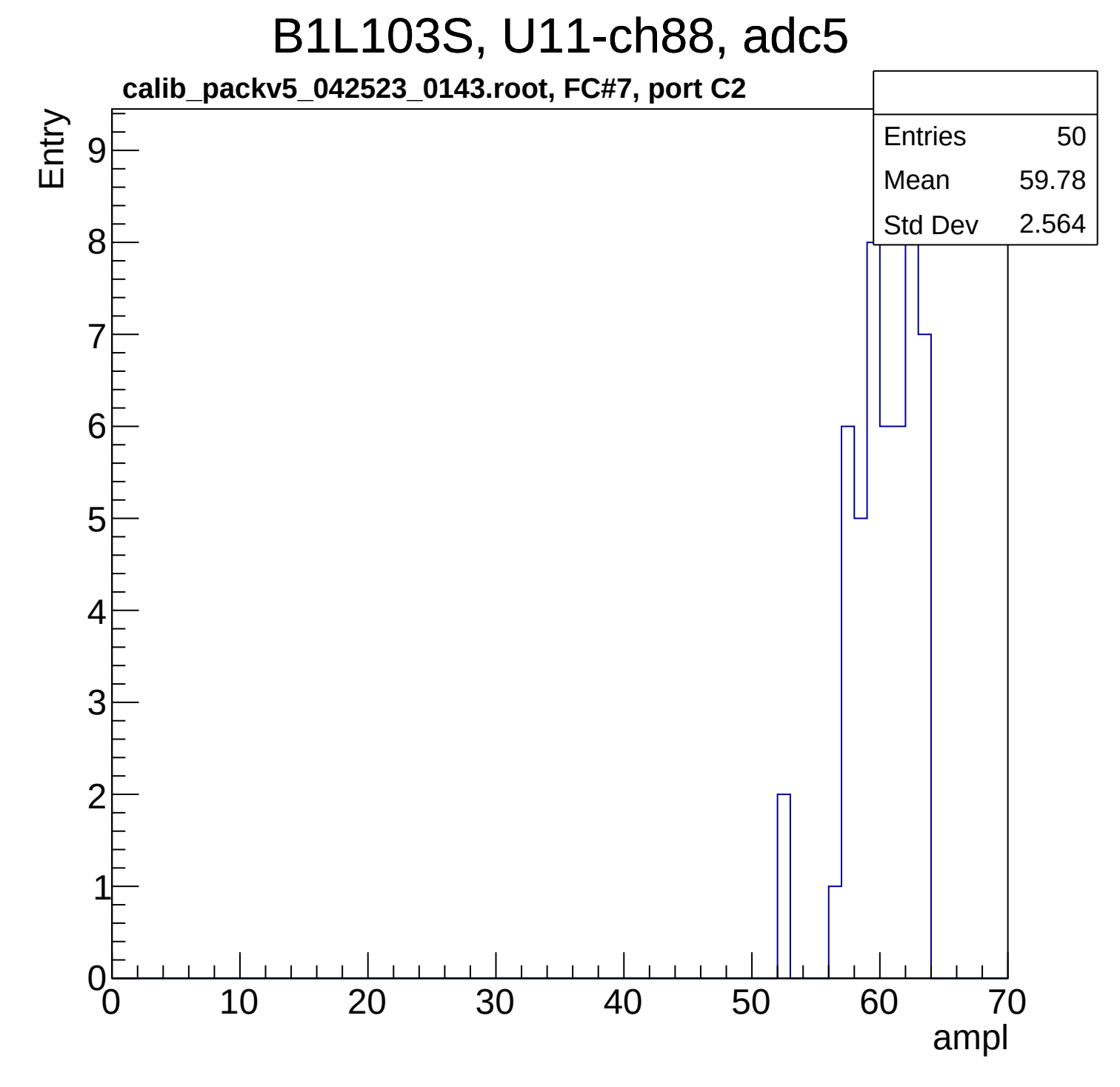
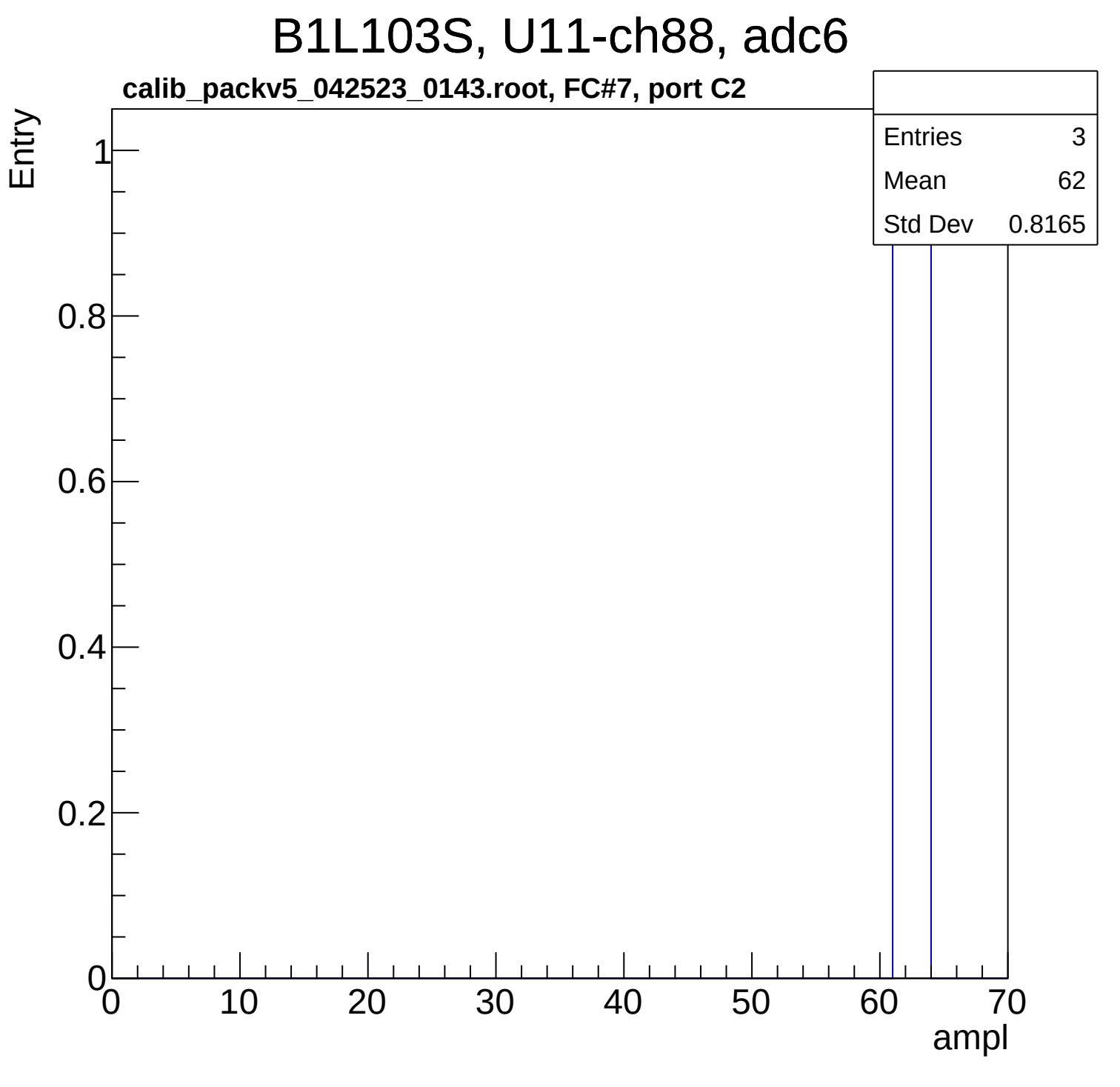

B1L103S, U11-ch88, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 50
Mean 59.78
Std Dev 2.564
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch88, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 62
Std Dev 0.8165
Entry
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0.8
0.6
0.4
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0
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10
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30
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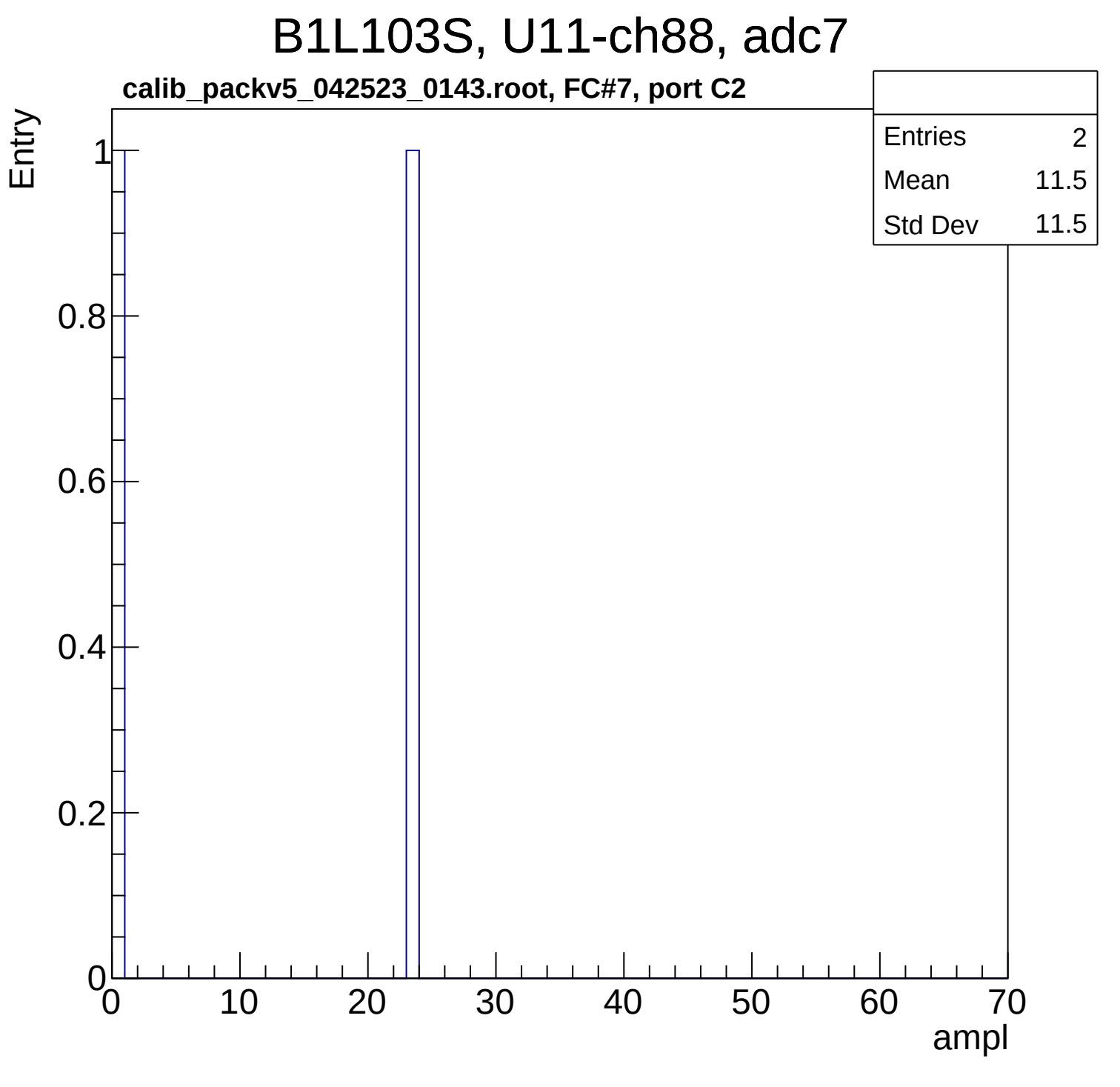
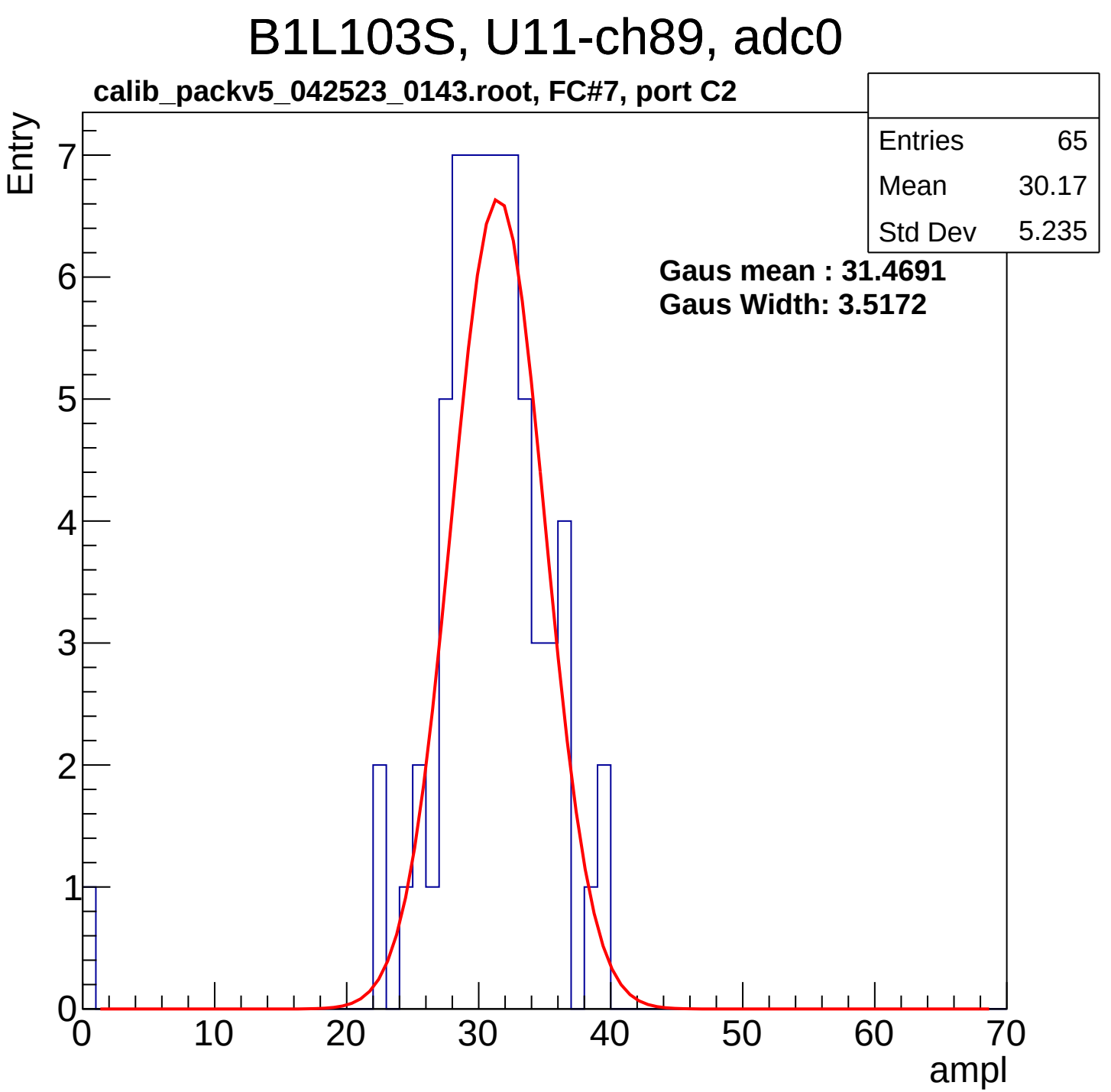
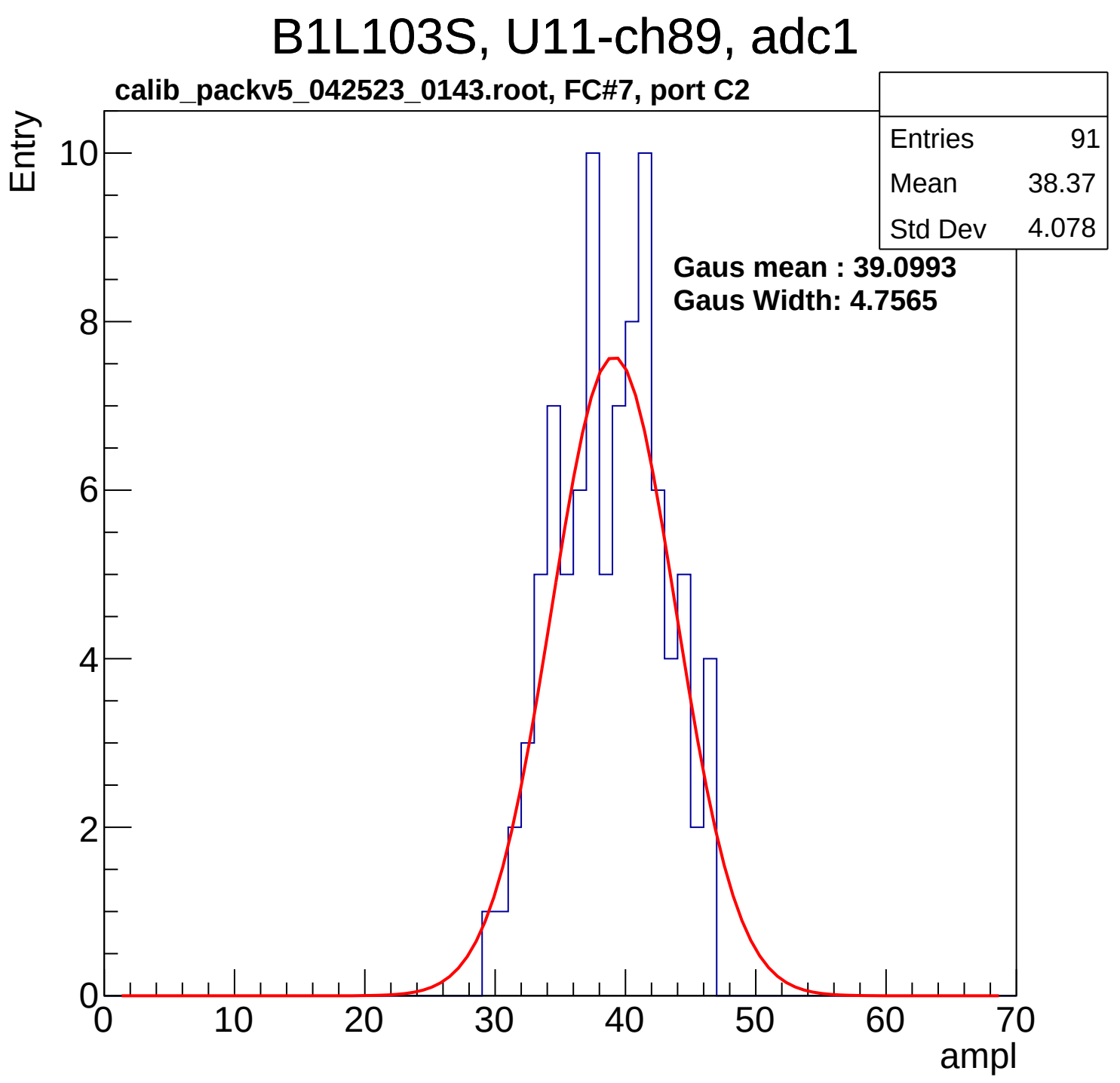
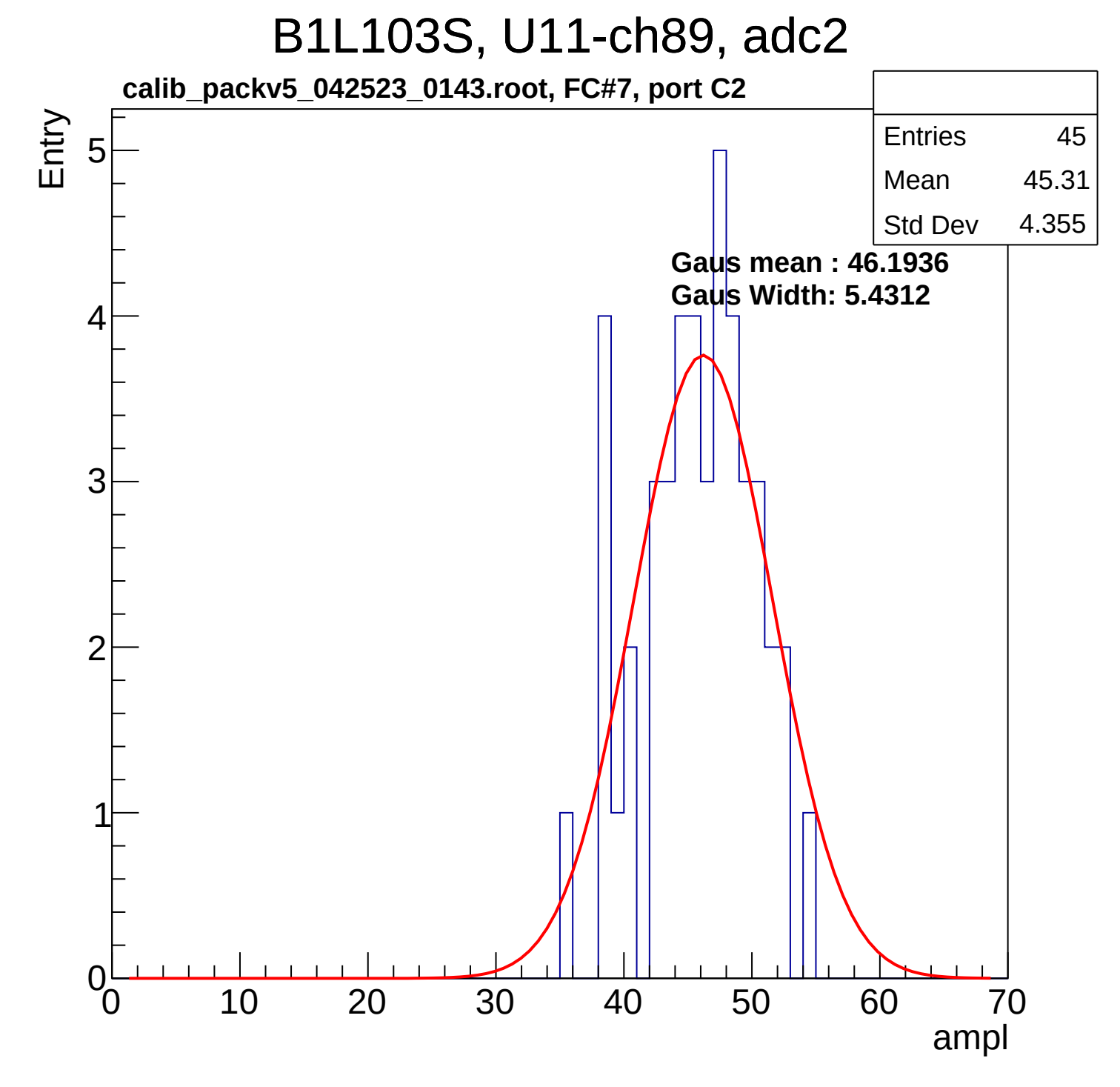
50
60
70
ampl


B1L103S, U11-ch88, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch89, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 30.17
Std Dev 5.235
Gaus mean : 31.4691
Gaus Width: 3.5172
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U11-ch89, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 91
Mean 38.37
Std Dev 4.078
Gaus mean : 39.0993
Gaus Width: 4.7565
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch89, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 45
Mean 45.31
Std Dev 4.355
Gaus mean : 46.1936
Gaus Width: 5.4312
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
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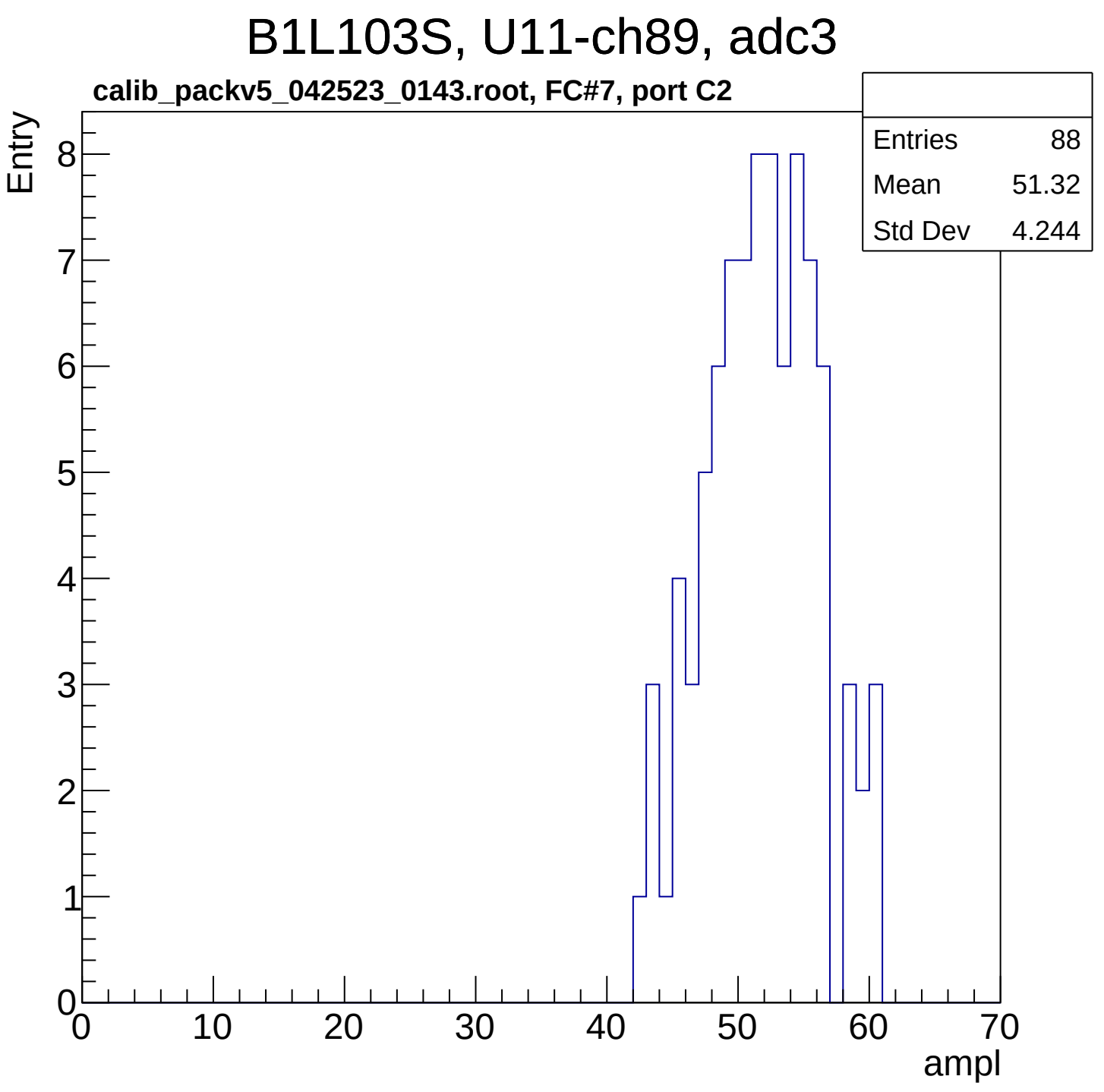
B1L103S, U11-ch89, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 88
Mean 51.32
Std Dev 4.244
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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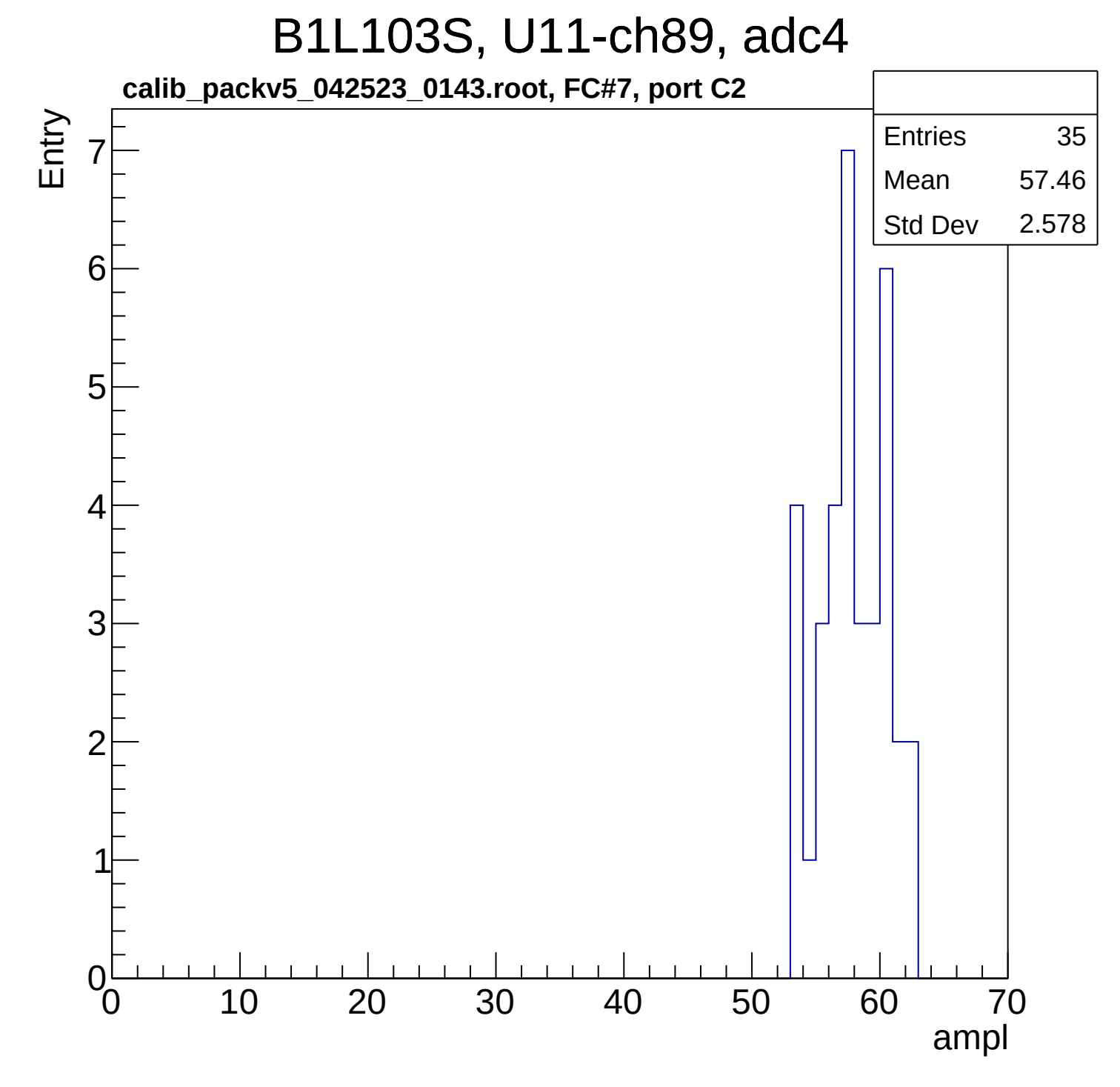
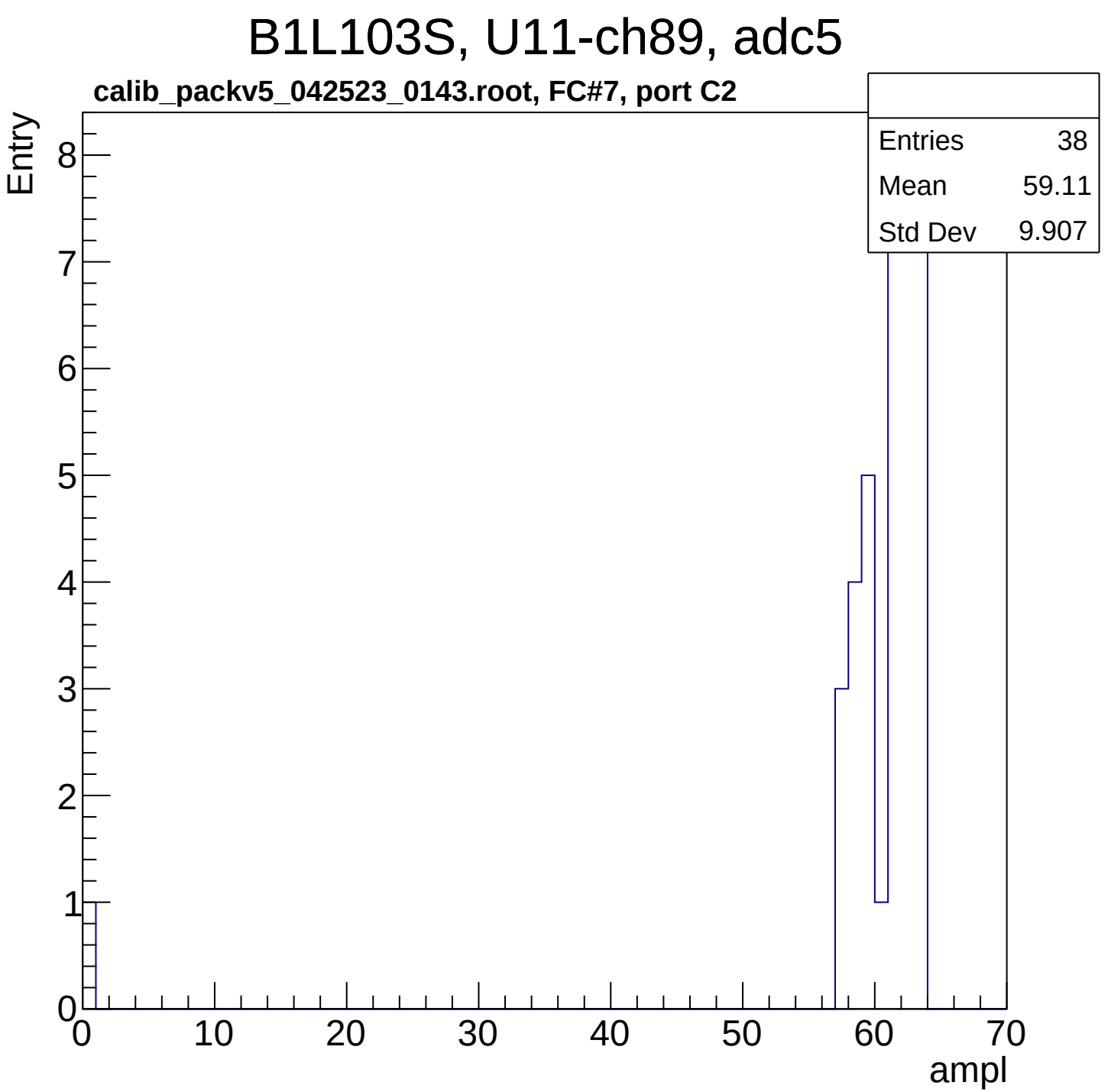
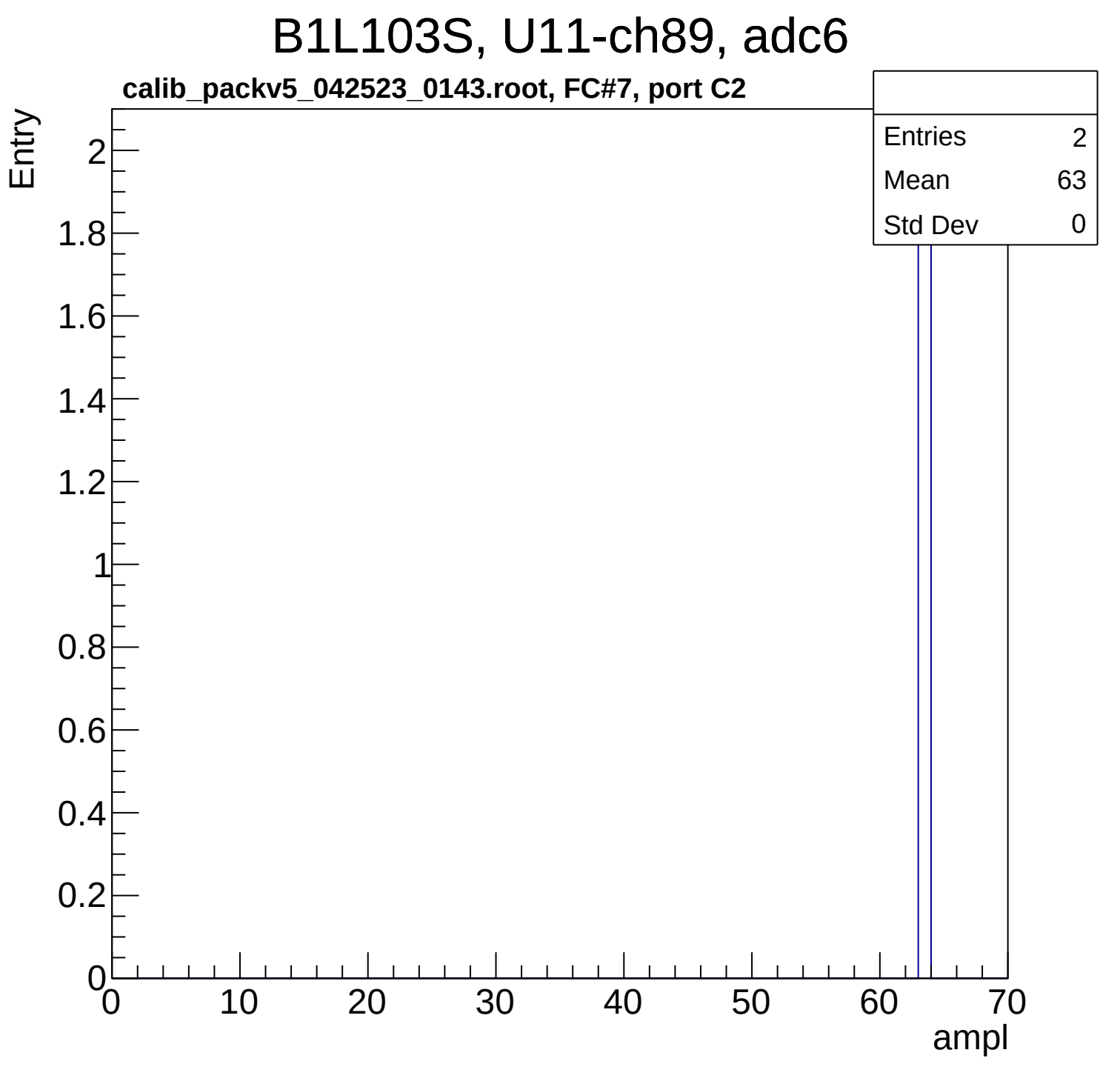
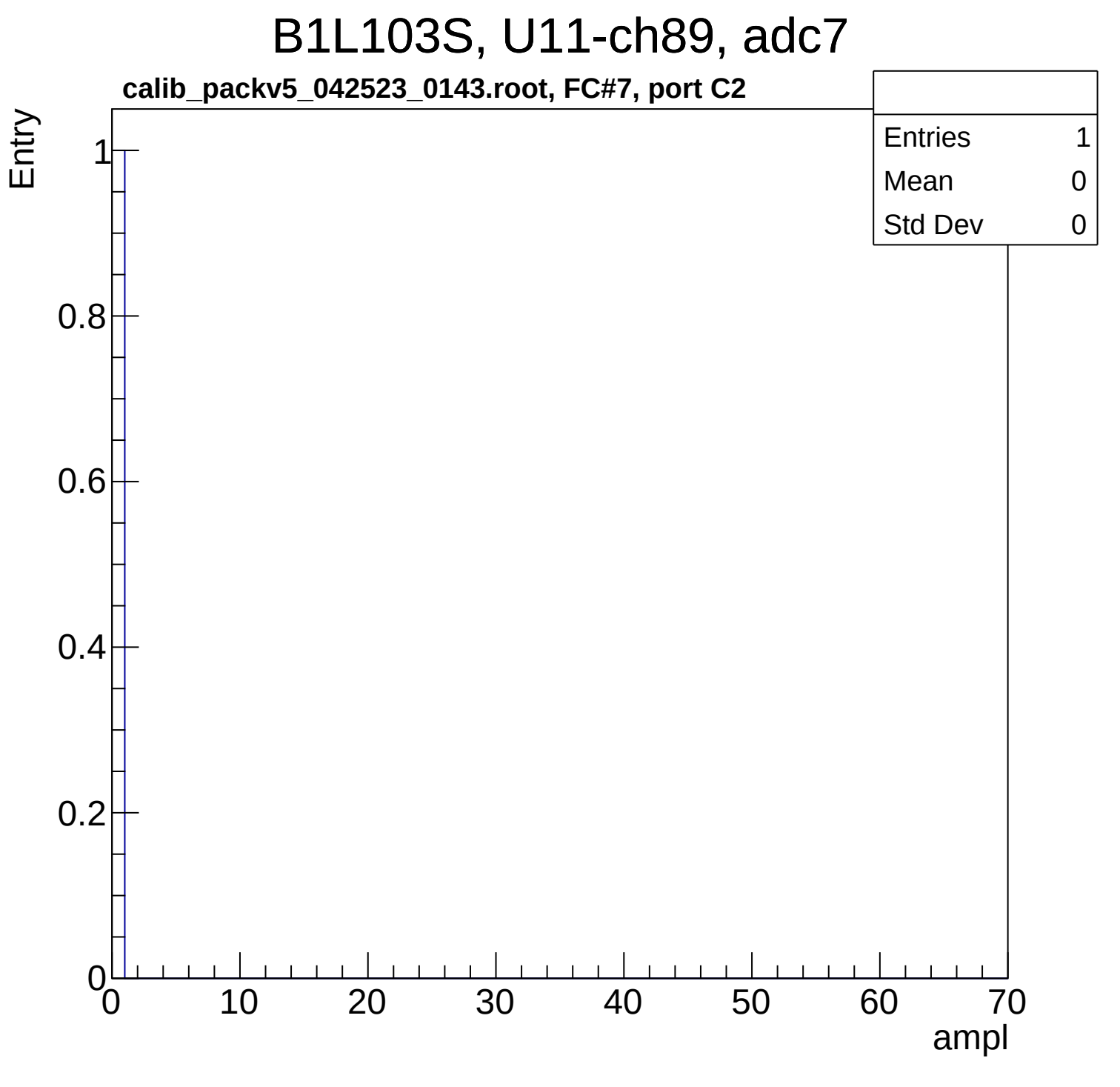
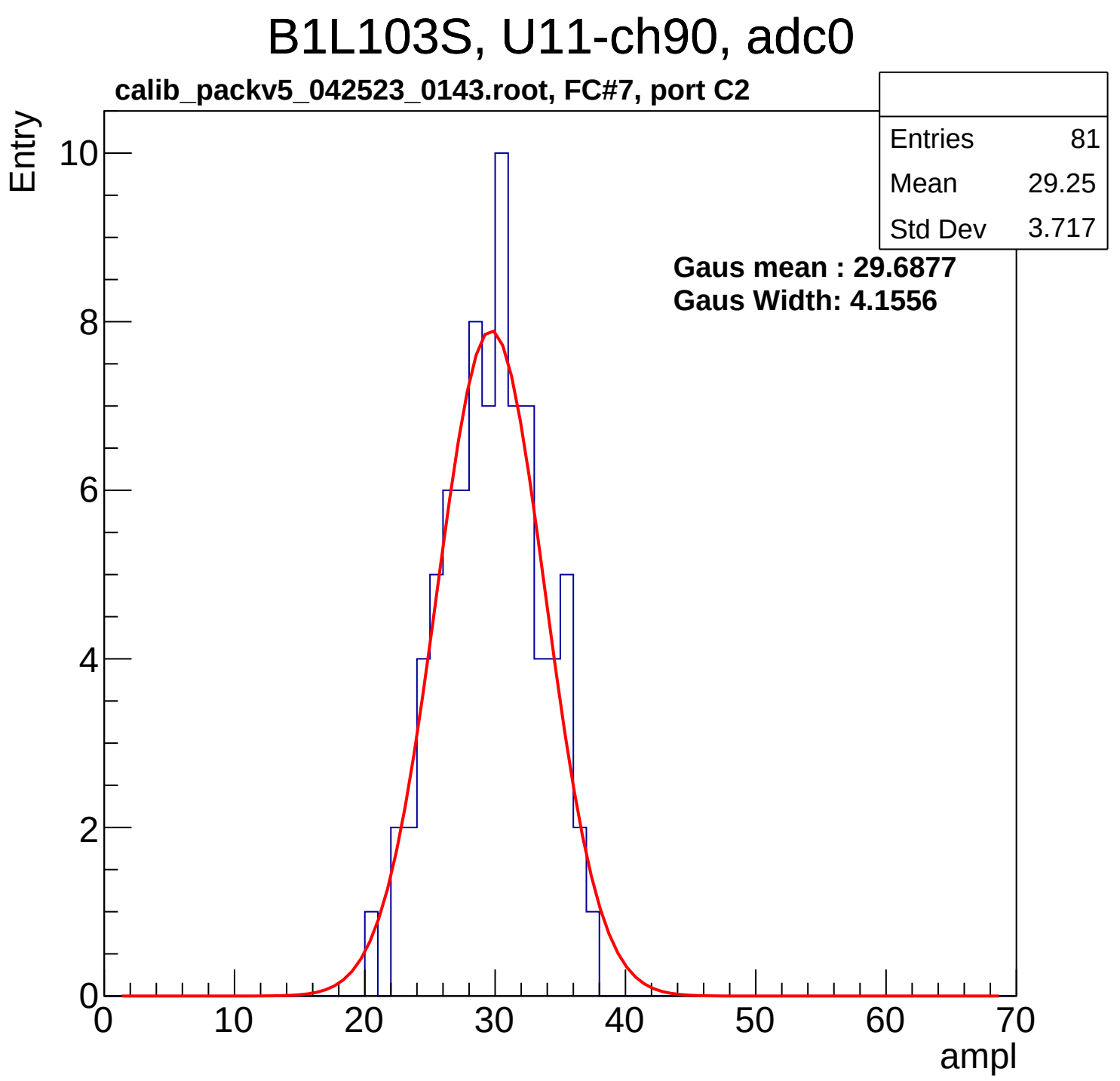
40
50
60
70

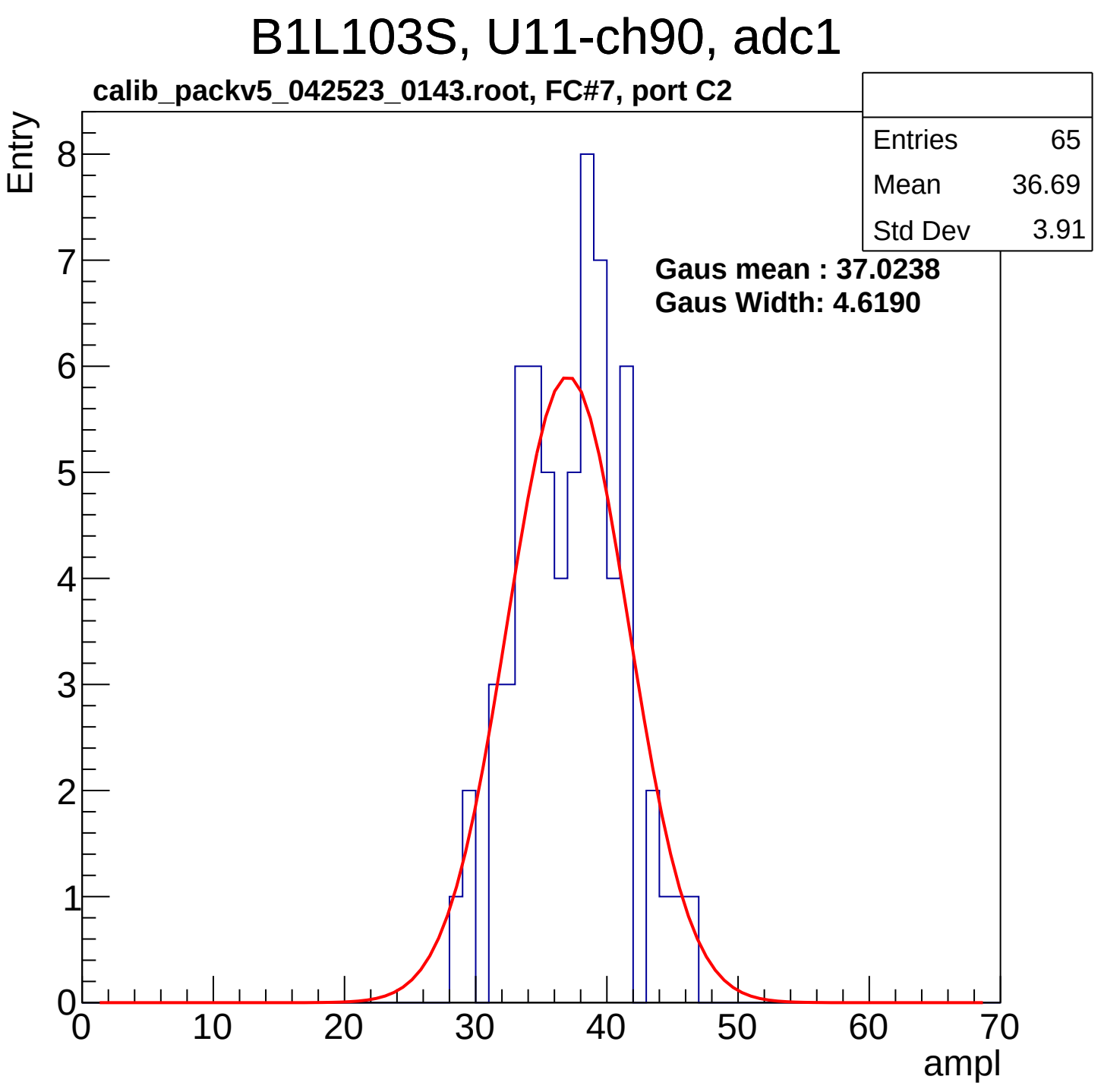

B1L103S, U11-ch89, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 35
Mean 57.46
Std Dev 2.578
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

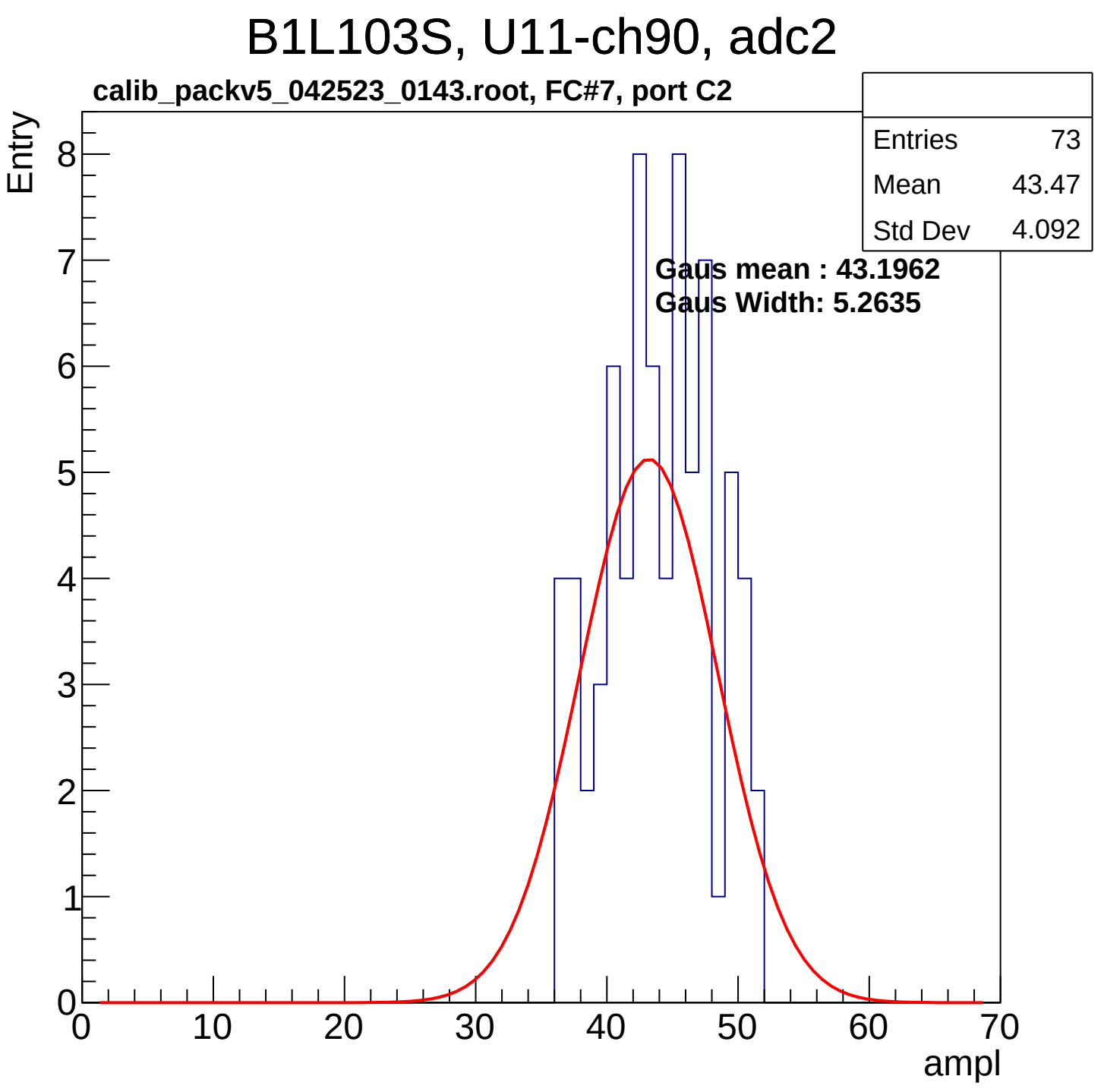

B1L103S, U11-ch89, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 38
Mean 59.11
Std Dev 9.907
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

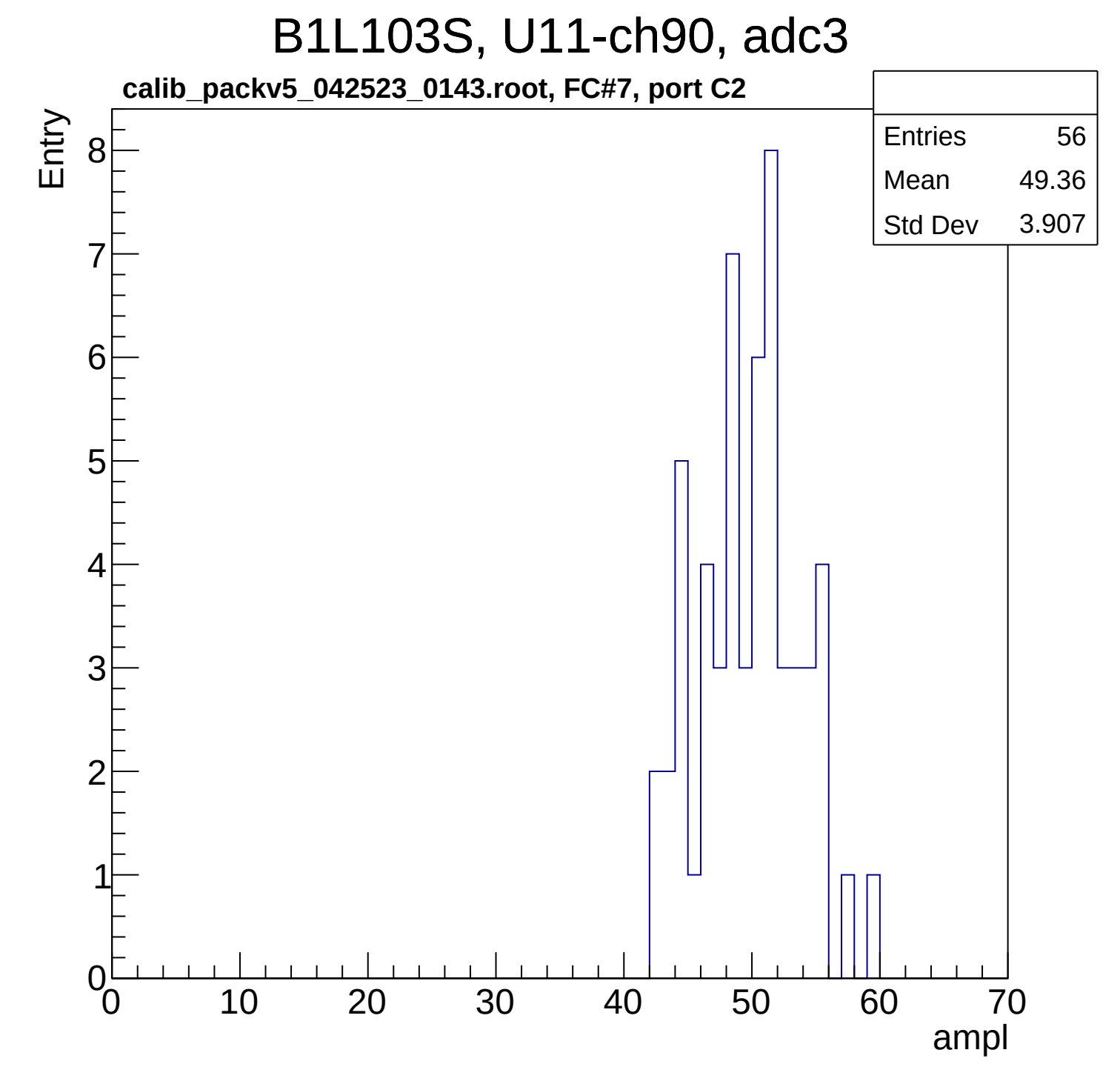

B1L103S, U11-ch89, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L103S, U11-ch89, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch90, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 81
Mean 29.25
Std Dev 3.717
Gaus mean : 29.6877
Gaus Width: 4.1556
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch90, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 36.69
Std Dev 3.91
Gaus mean : 37.0238
Gaus Width: 4.6190
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch90, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 43.47
Std Dev 4.092
Gaus mean : 43.1962
Gaus Width: 5.2635
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch90, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 49.36
Std Dev 3.907
Entry
ampl
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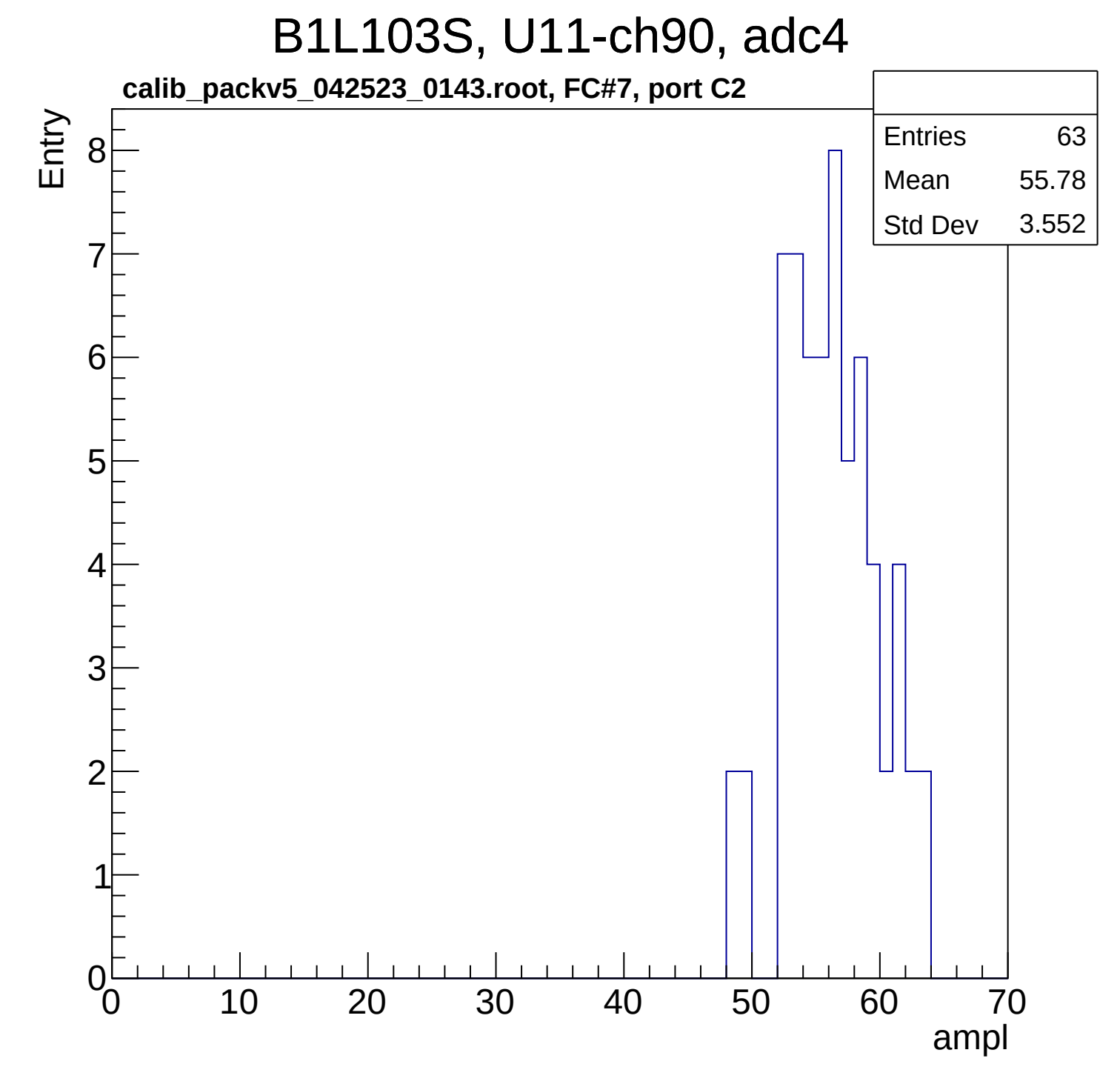
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch90, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 55.78
Std Dev 3.552
Entry
ampl
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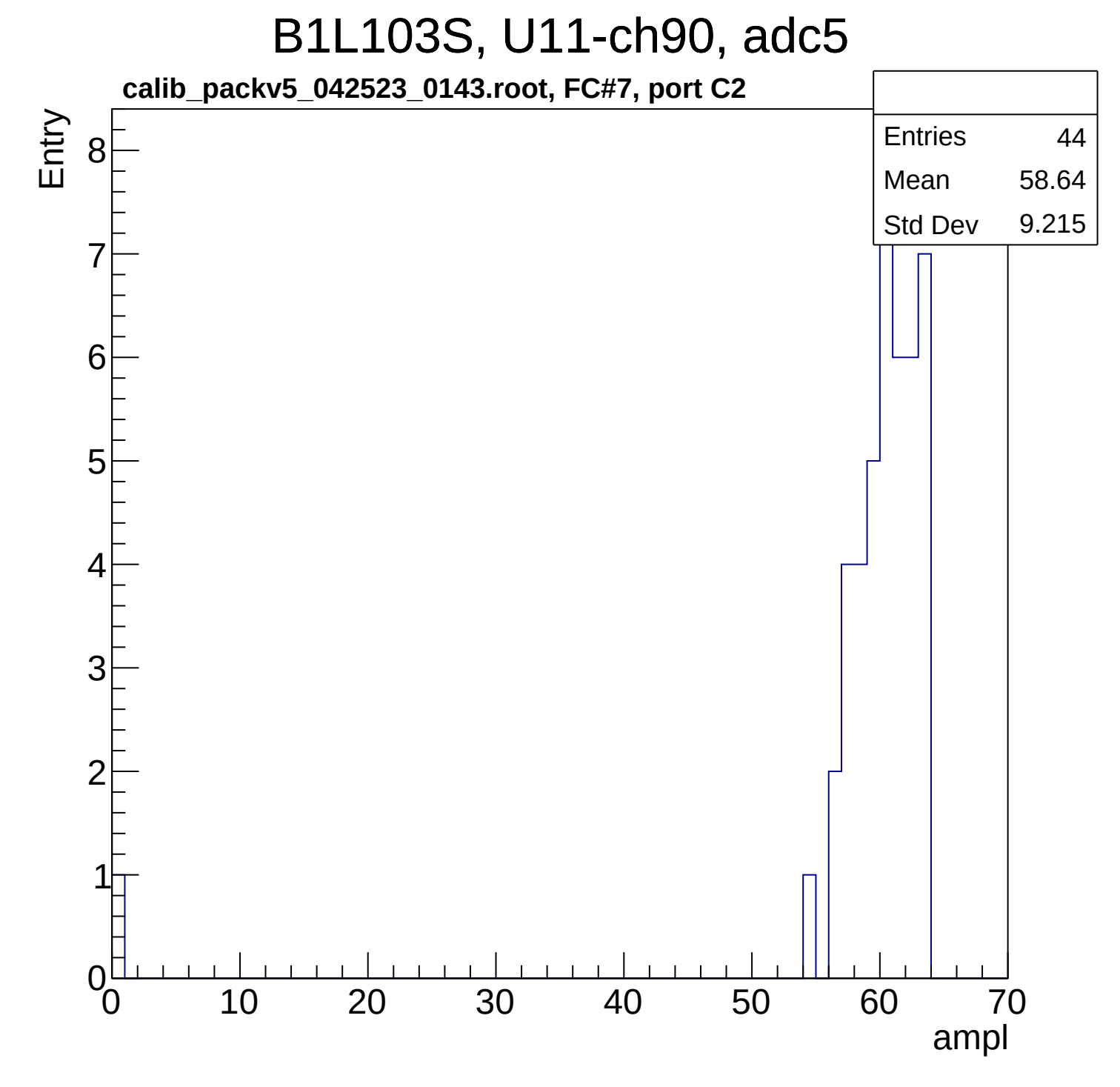
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch90, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 44
Mean 58.64
Std Dev 9.215
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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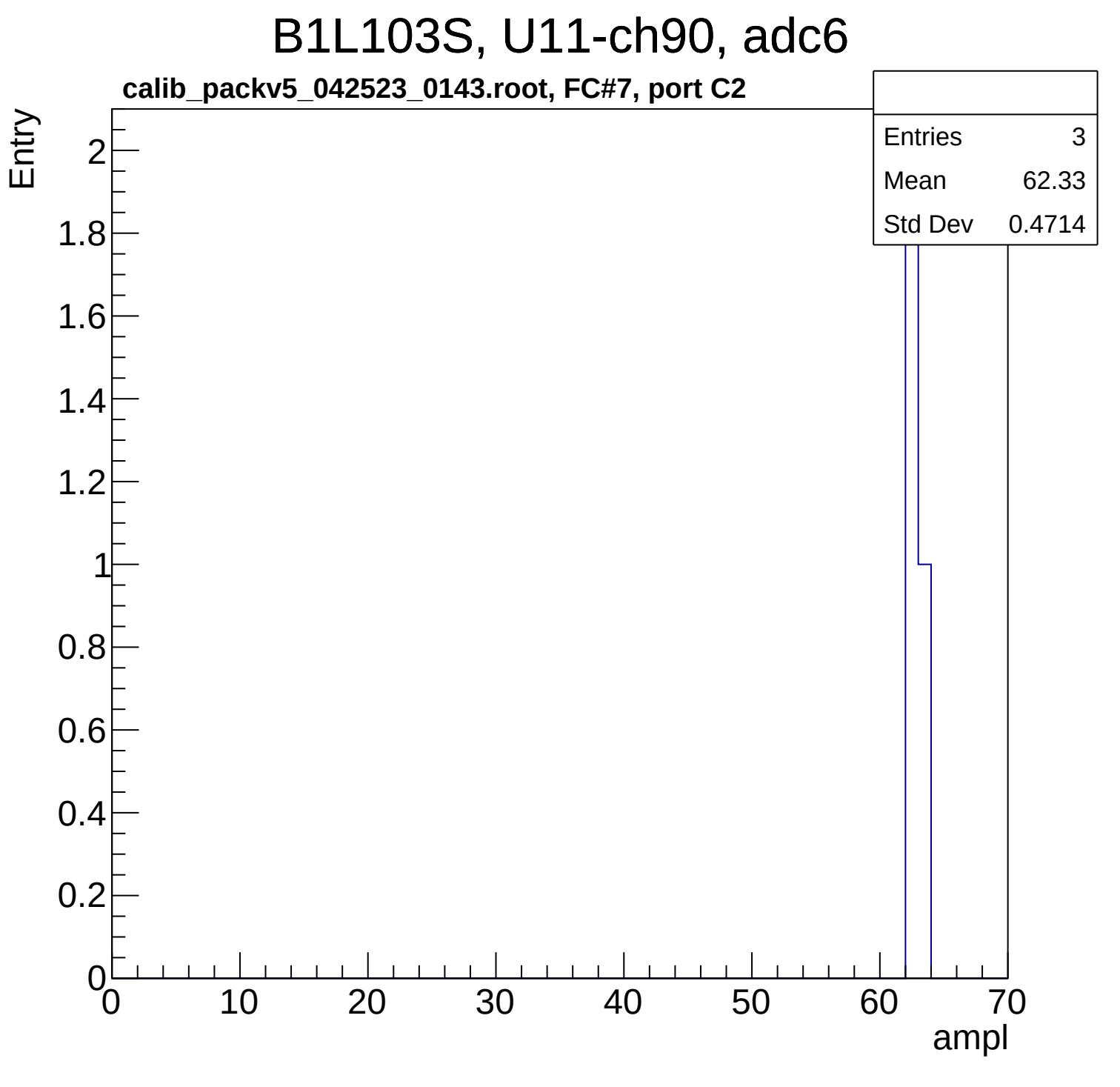
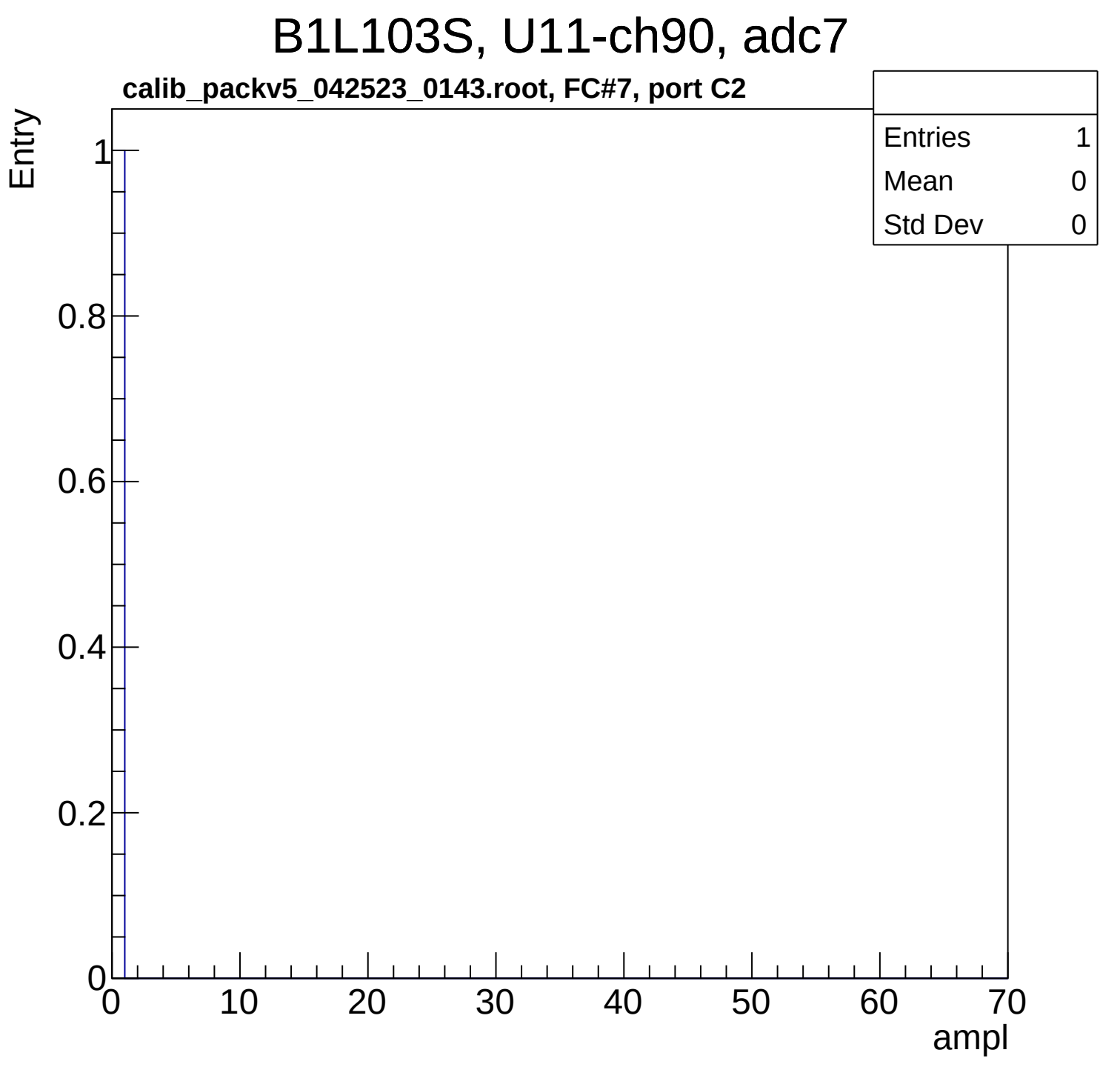
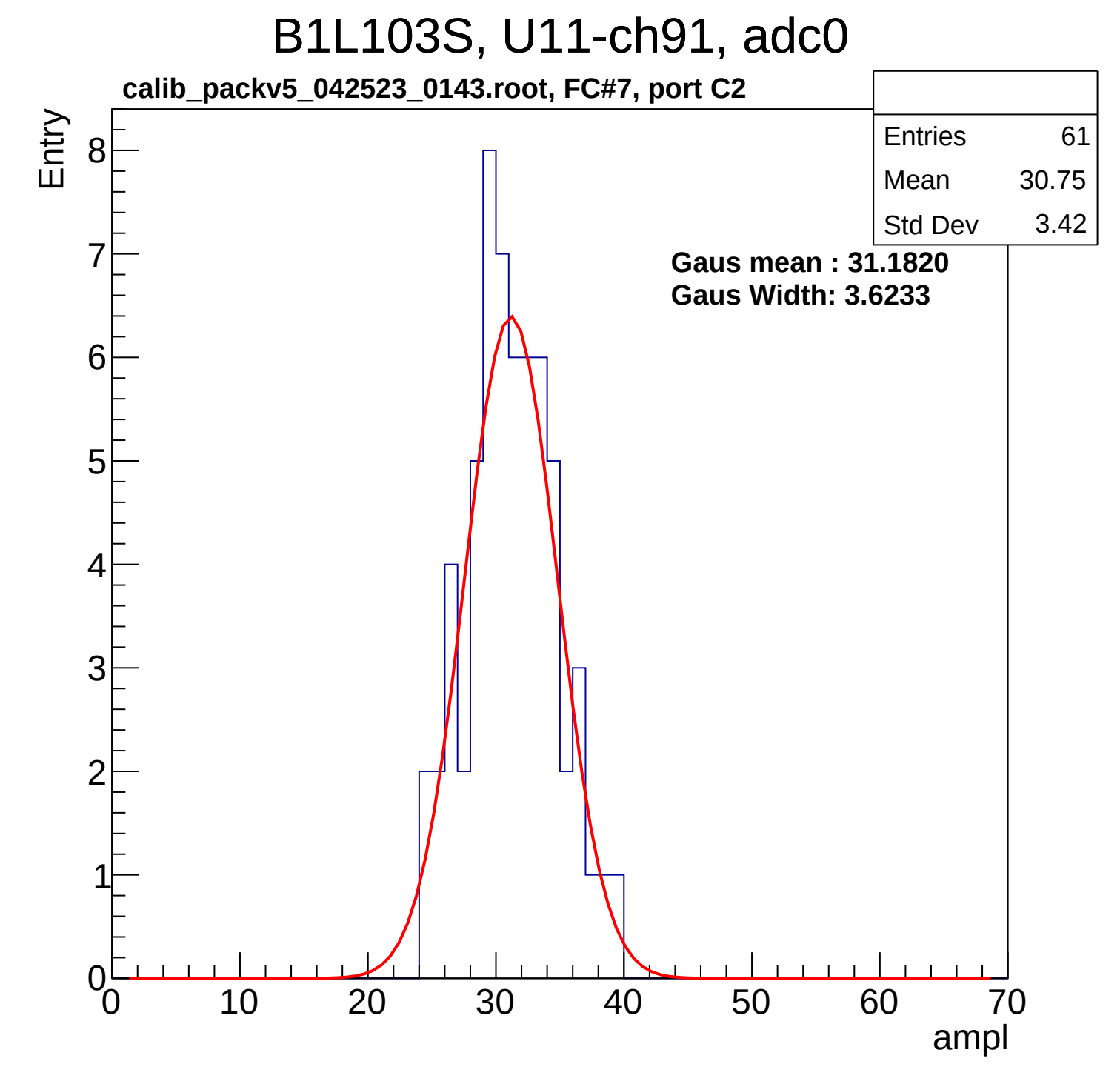

B1L103S, U11-ch90, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 62.33
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L103S, U11-ch90, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch91, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 30.75
Std Dev 3.42
Gaus mean : 31.1820
Gaus Width: 3.6233
Entry
ampl
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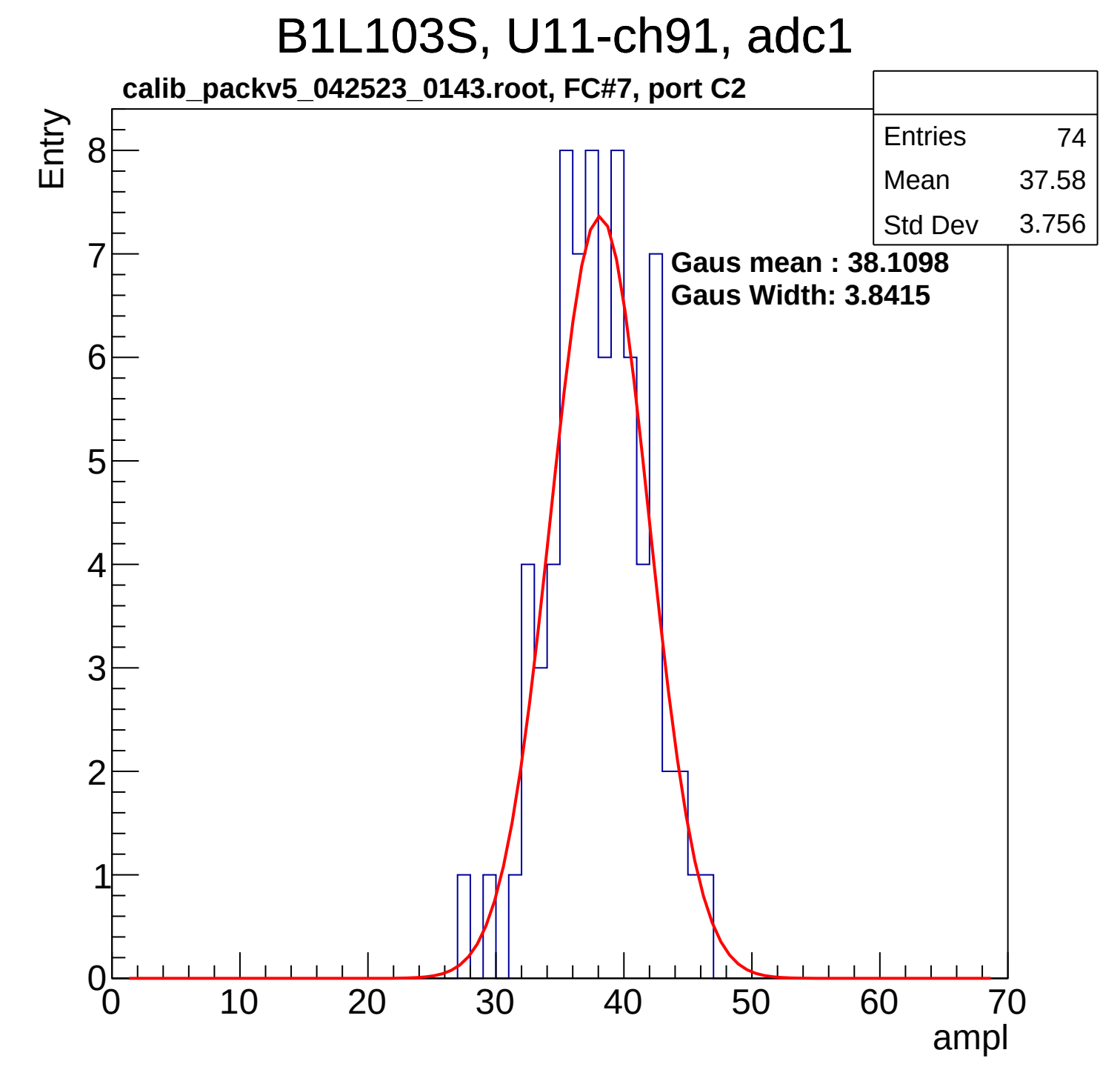
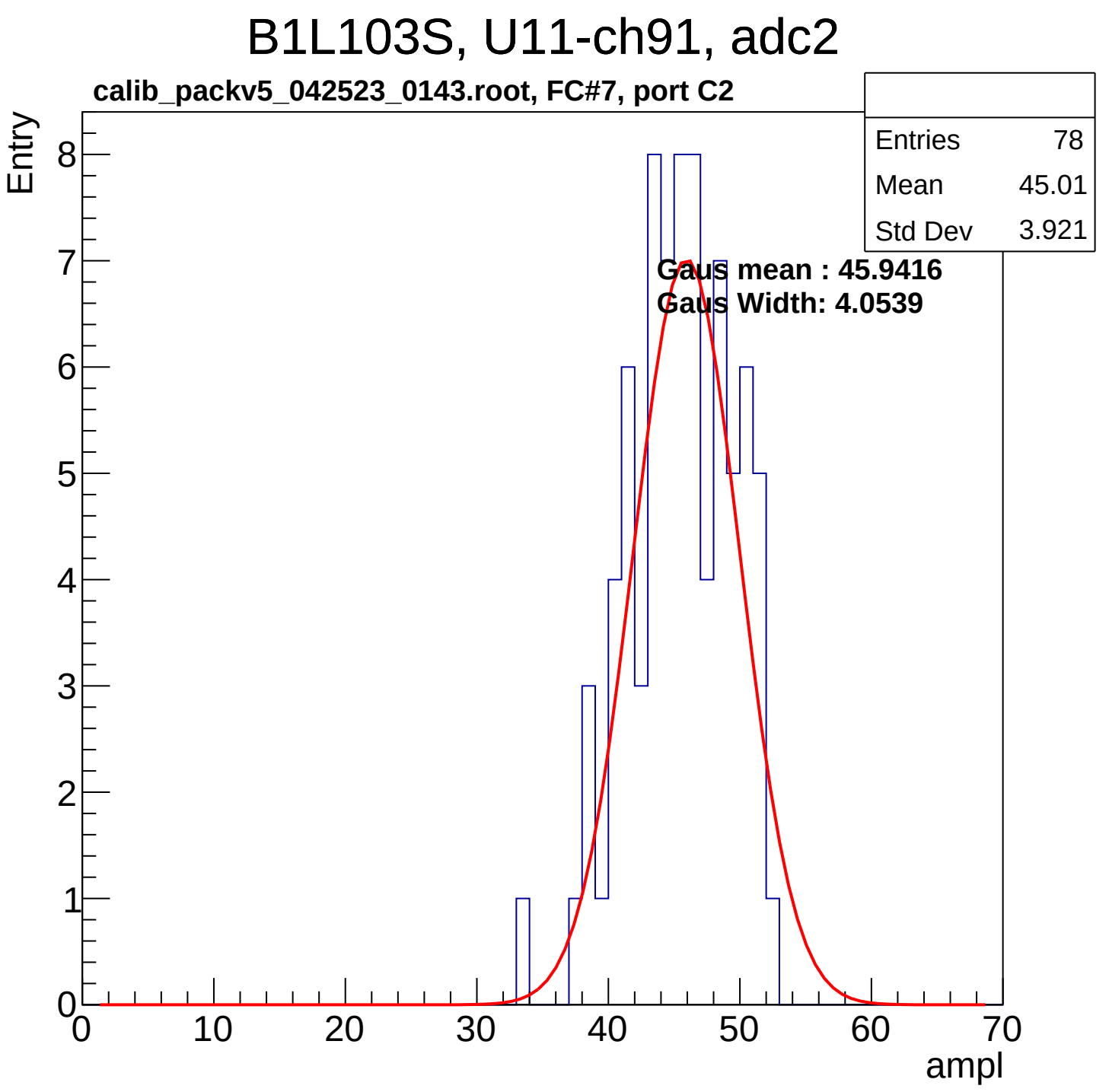
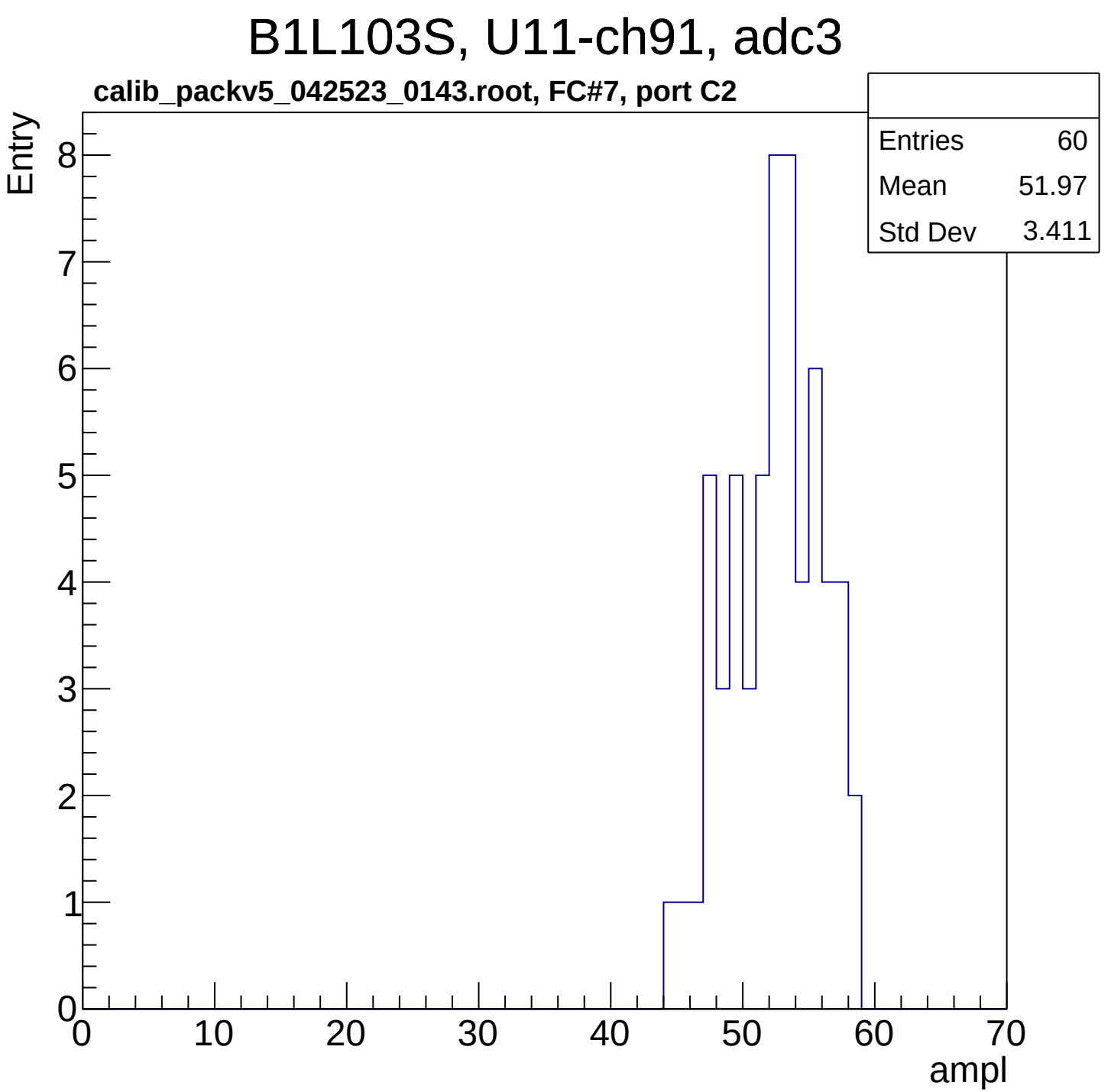
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch91, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 37.58
Std Dev 3.756
Gaus mean : 38.1098
Gaus Width: 3.8415
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch91, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 78
Mean 45.01
Std Dev 3.921
Gaus mean : 45.9416
Gaus Width: 4.0539
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch91, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 51.97
Std Dev 3.411
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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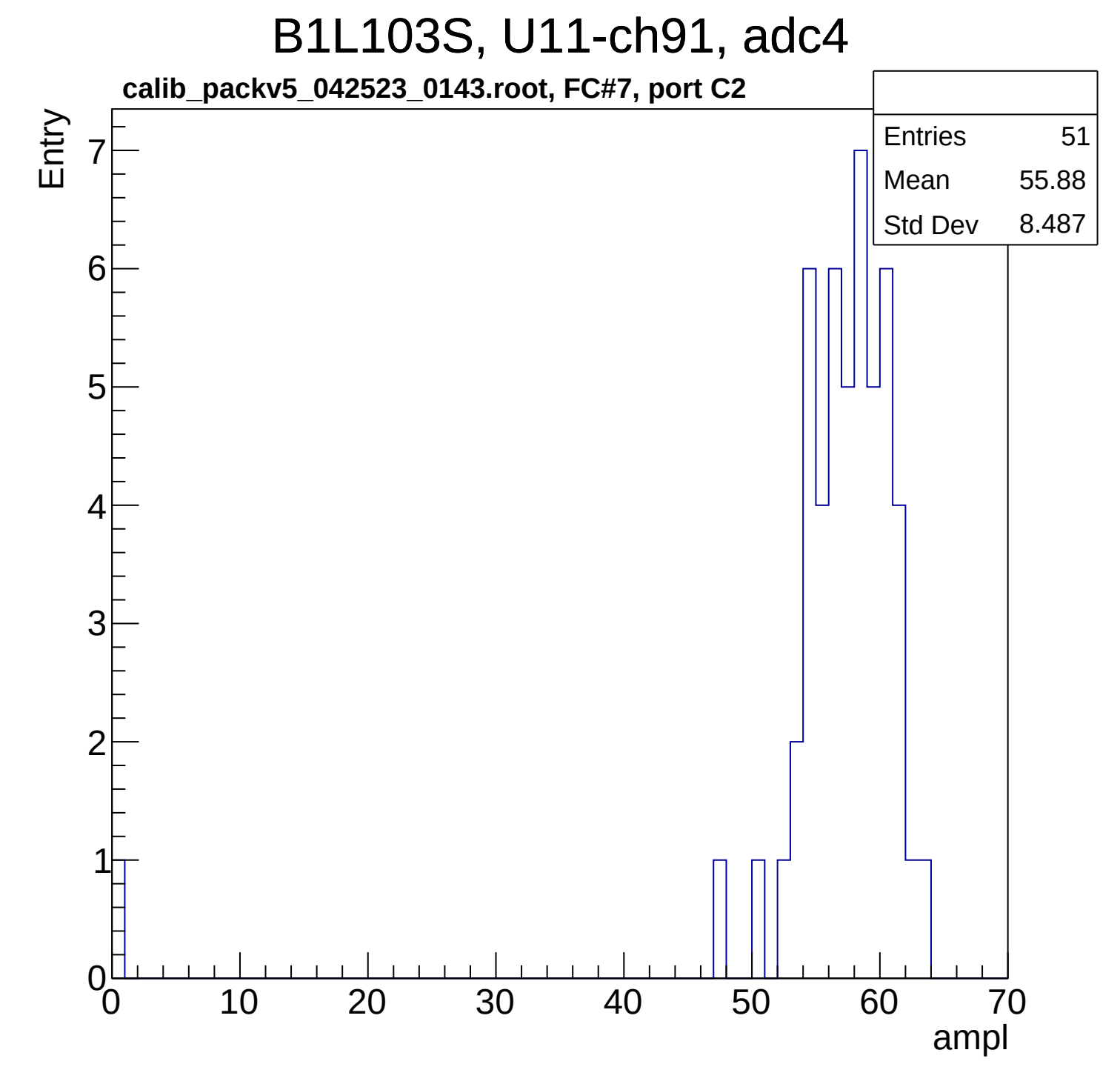
B1L103S, U11-ch91, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 55.88
Std Dev 8.487
Entry
ampl
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0
10
20
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40
50
60
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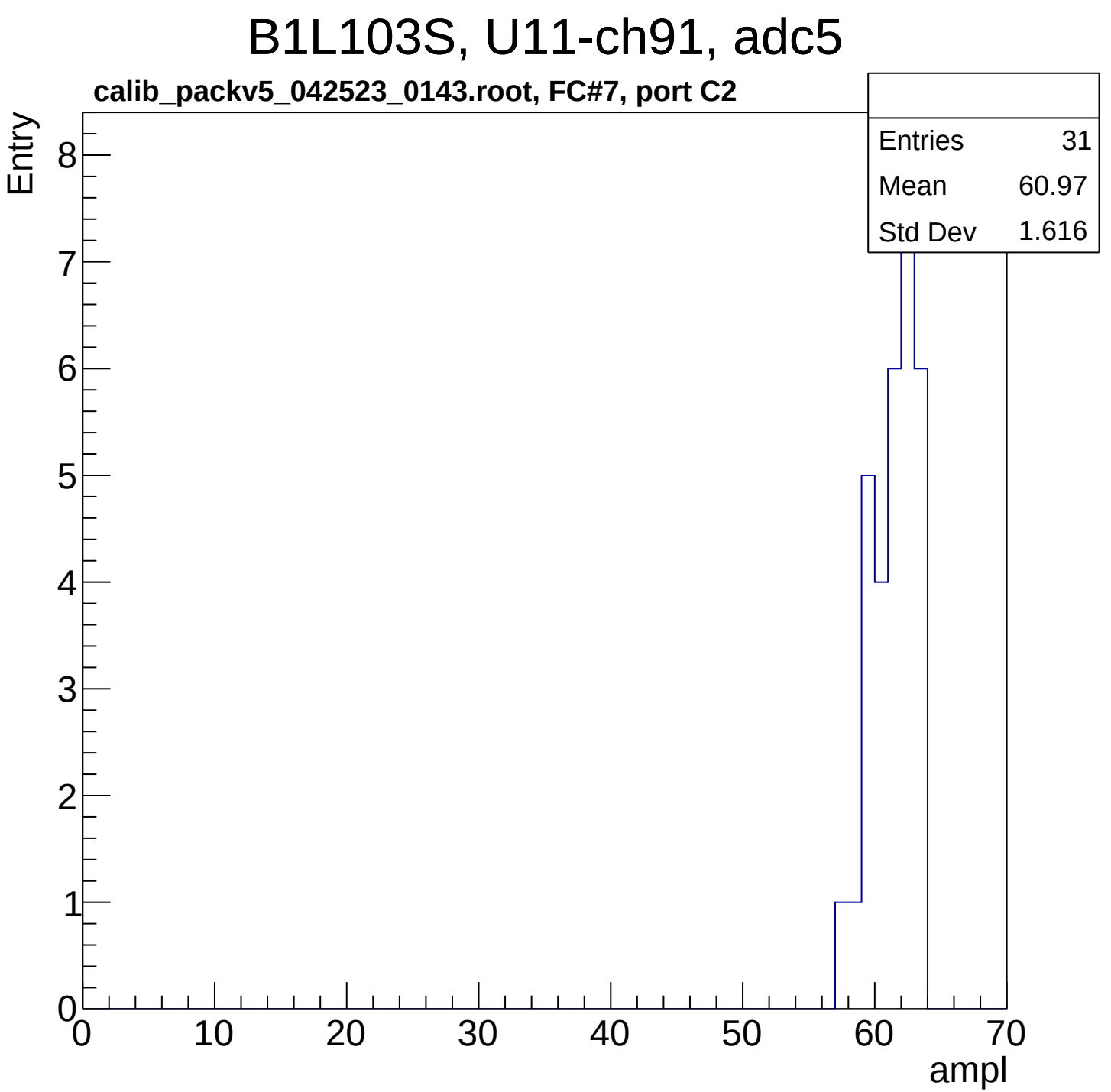
B1L103S, U11-ch91, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 31
Mean 60.97
Std Dev 1.616
Entry
ampl
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1
2
3
4
5
6
7
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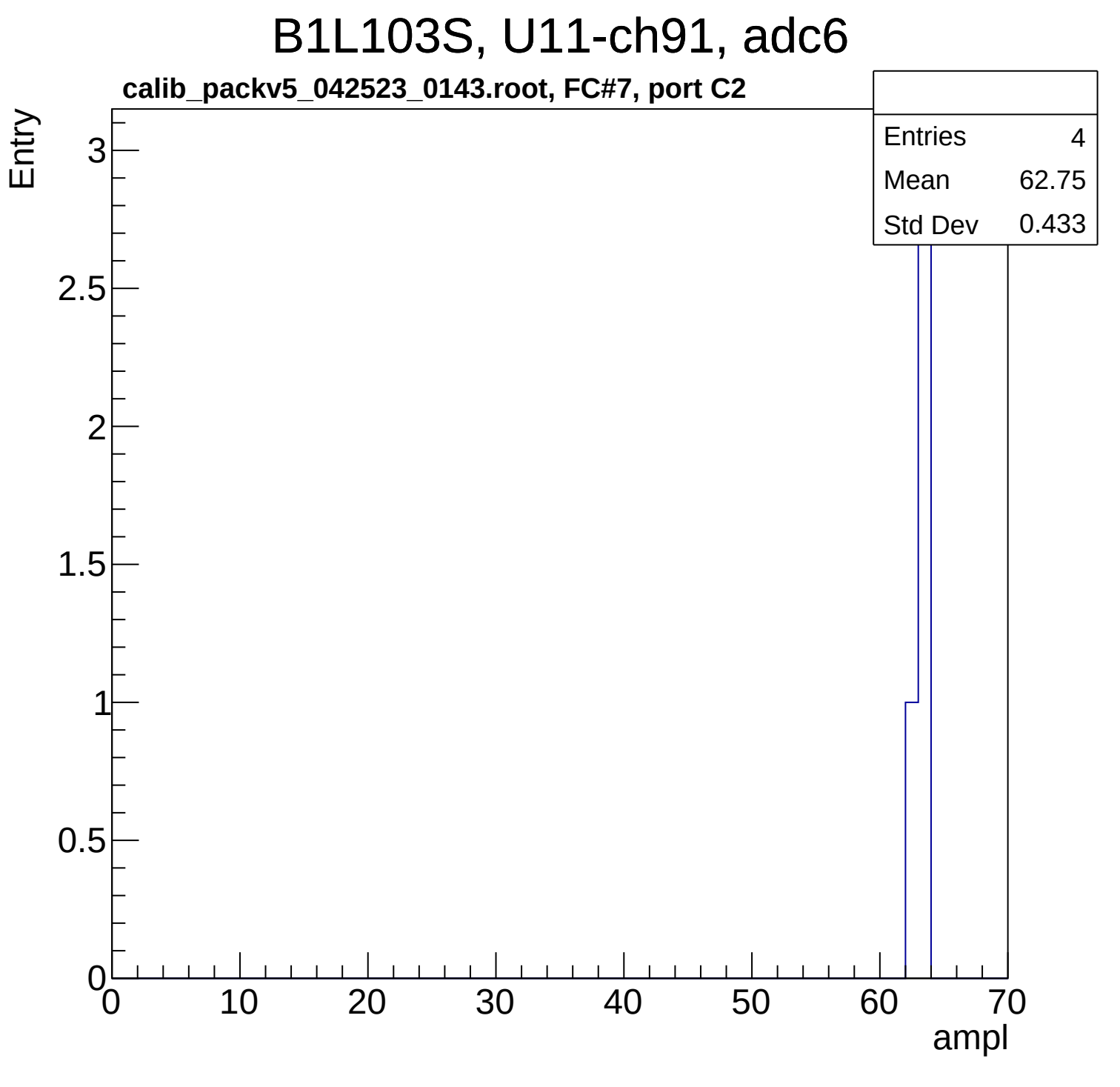
0
10
20
30
40
50
60
70


B1L103S, U11-ch91, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 4
Mean 62.75
Std Dev 0.433
Entry
ampl
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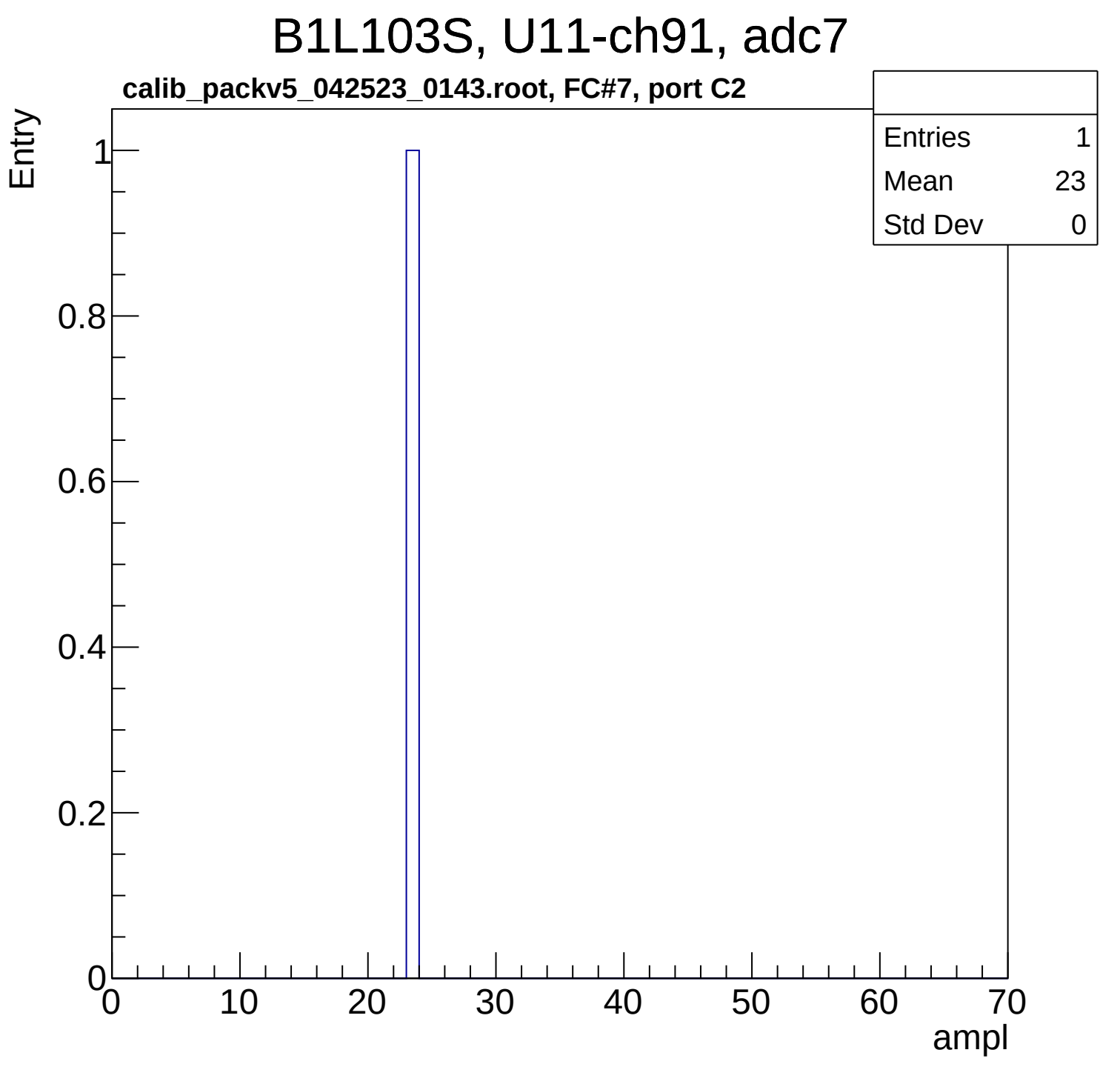
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U11-ch91, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 23
Std Dev 0
Entry
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0.6
0.4
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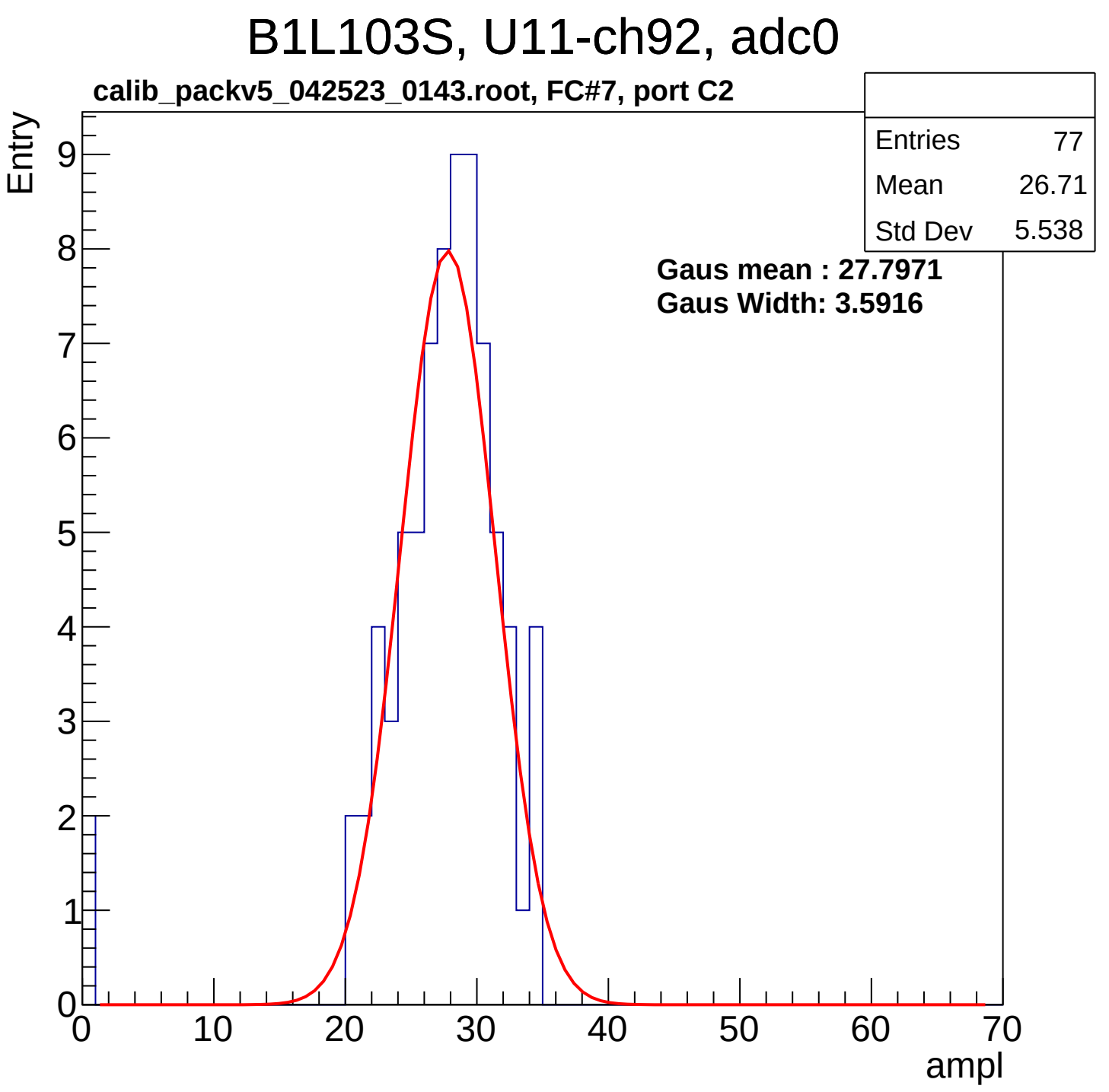
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch92, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 77
Mean 26.71
Std Dev 5.538
Gaus mean : 27.7971
Gaus Width: 3.5916
Entry
ampl
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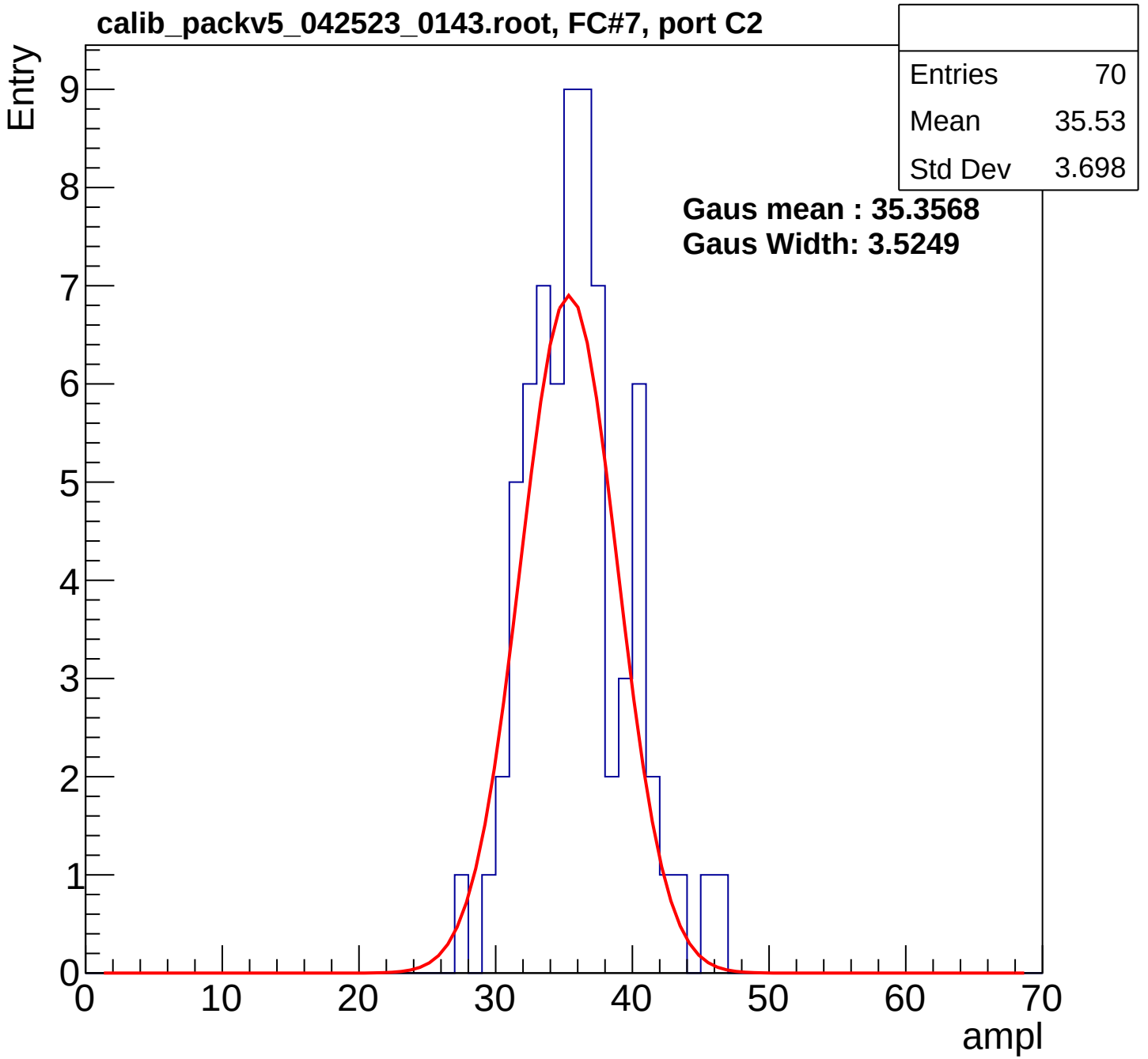
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch92, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 35.53
Std Dev 3.698
Gaus mean : 35.3568
Gaus Width: 3.5249
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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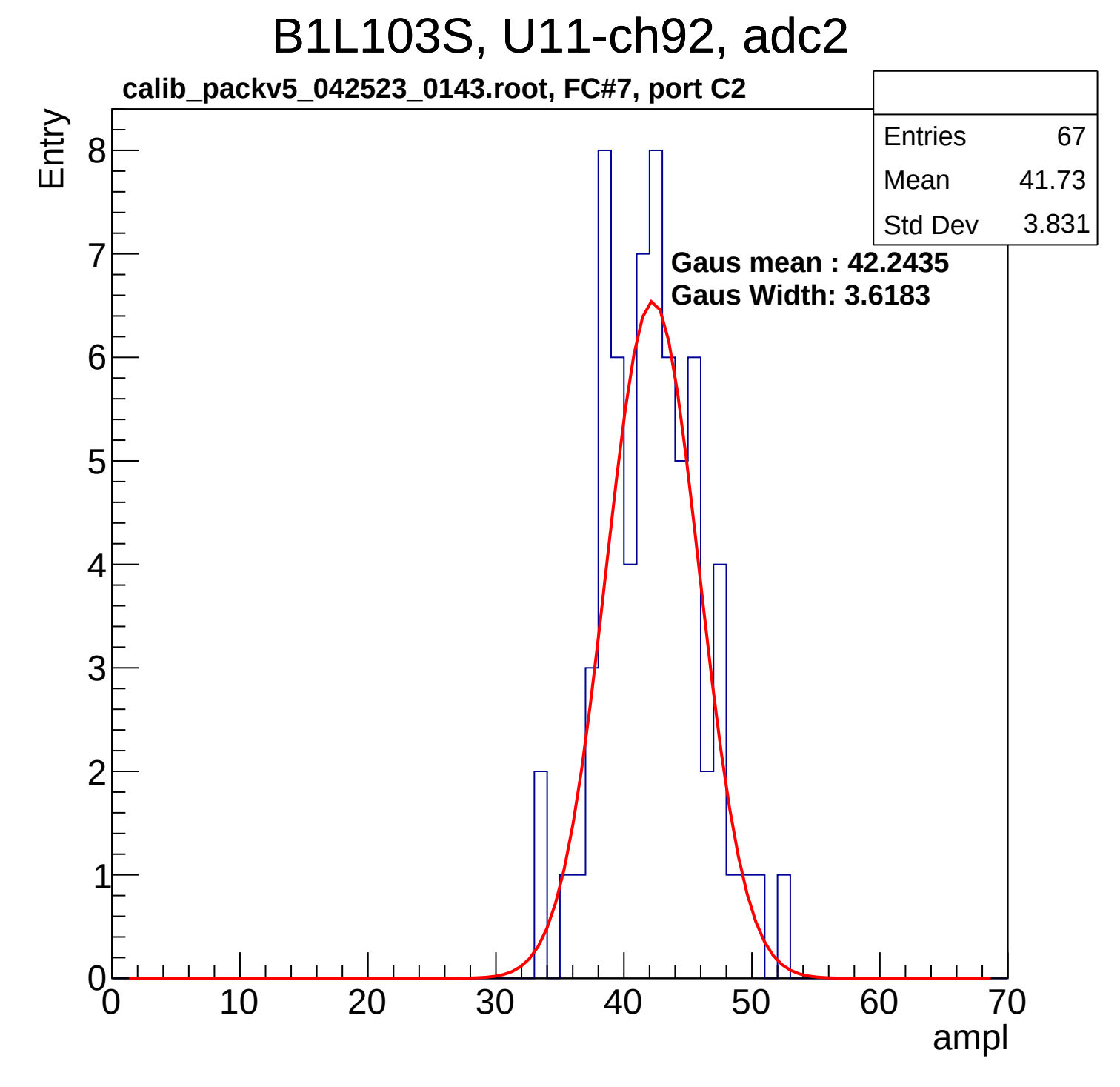
B1L103S, U11-ch92, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 41.73
Std Dev 3.831
Gaus mean : 42.2435
Gaus Width: 3.6183
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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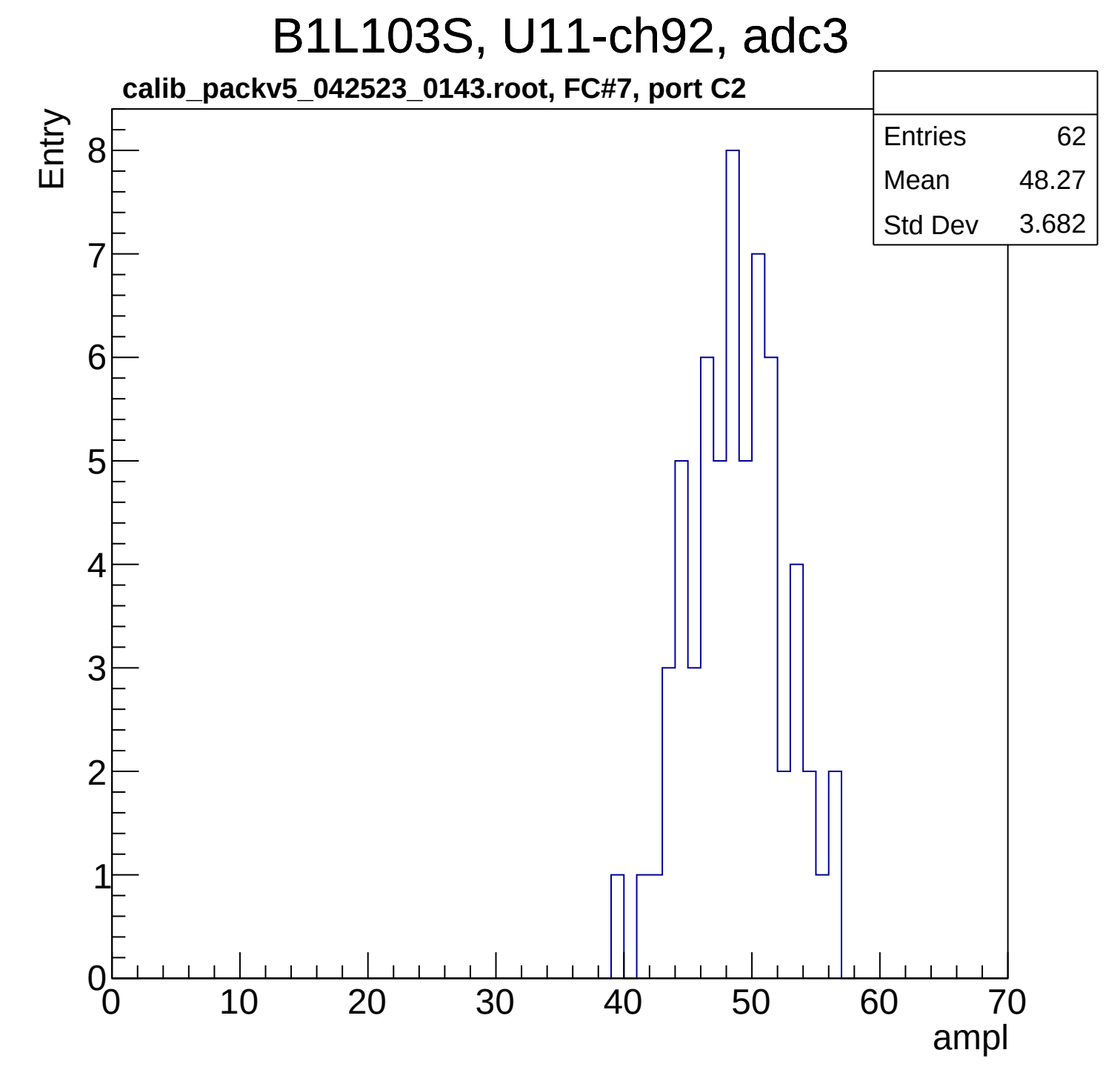
B1L103S, U11-ch92, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 48.27
Std Dev 3.682
Entry
ampl
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3
4
5
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7
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0
10
20
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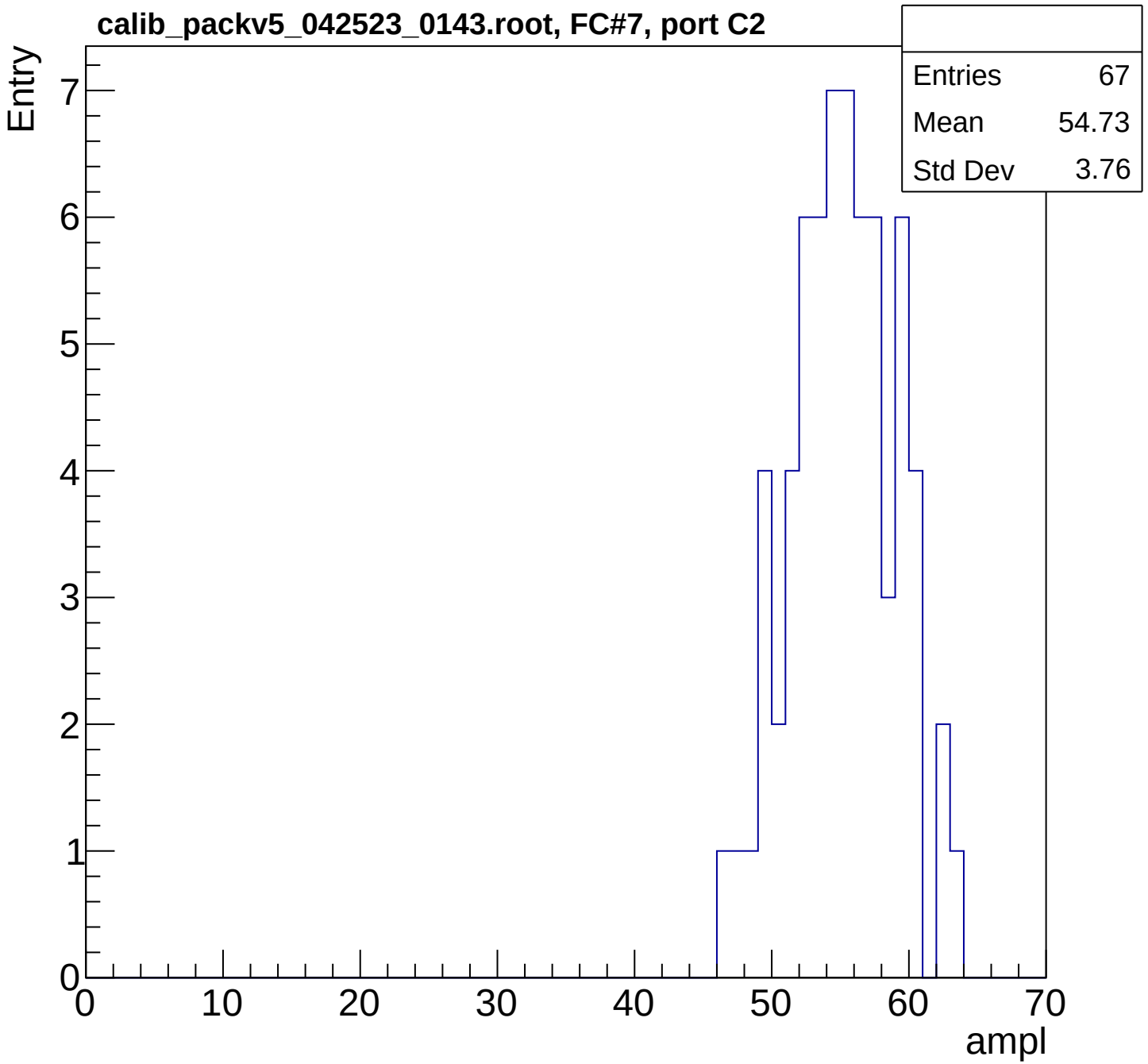
60
70


B1L103S, U11-ch92, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 54.73
Std Dev 3.76
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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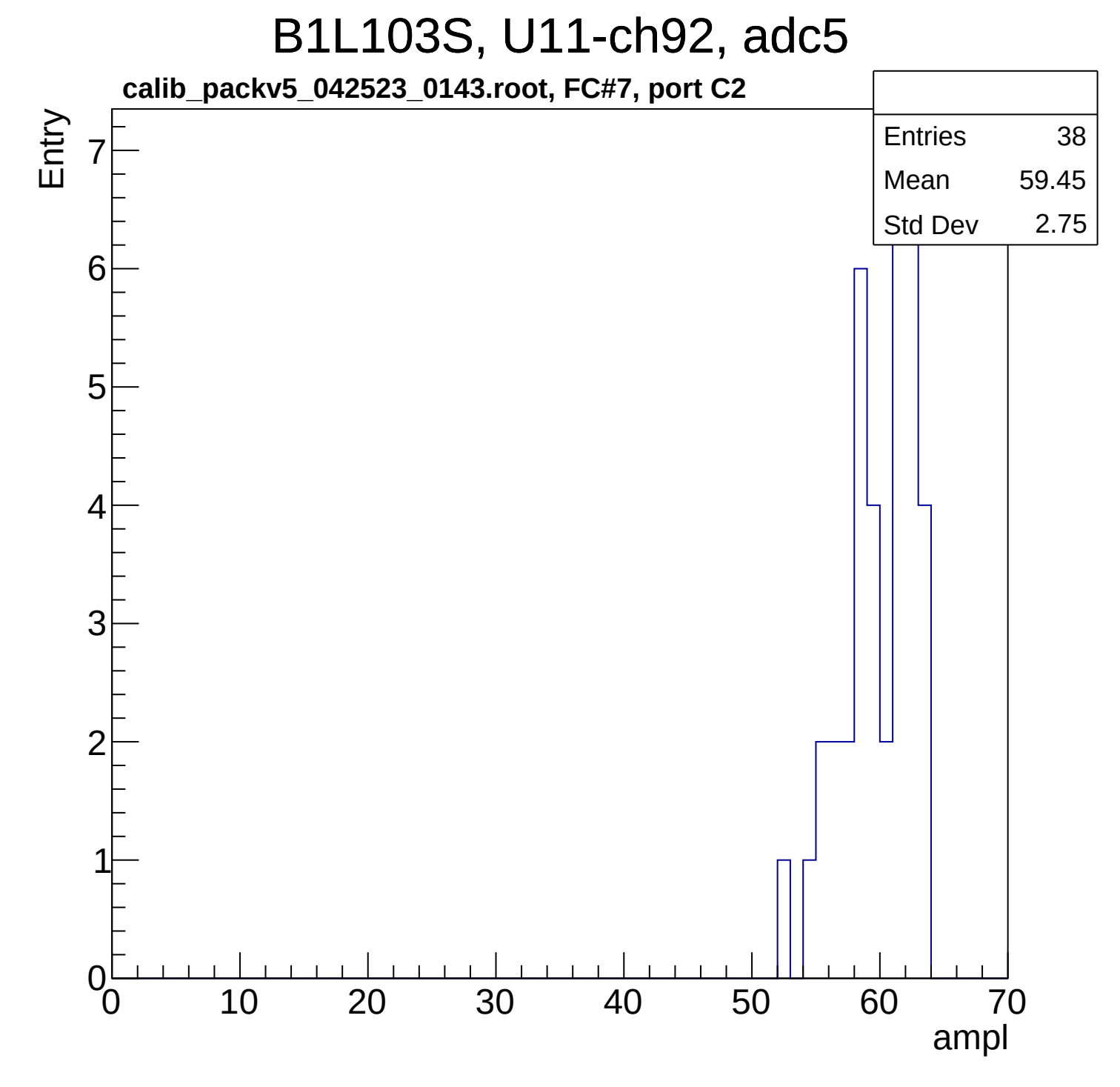
40
50
60
70


B1L103S, U11-ch92, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 38
Mean 59.45
Std Dev 2.75
Entry
ampl
0
1
2
3
4
5
6
7
0
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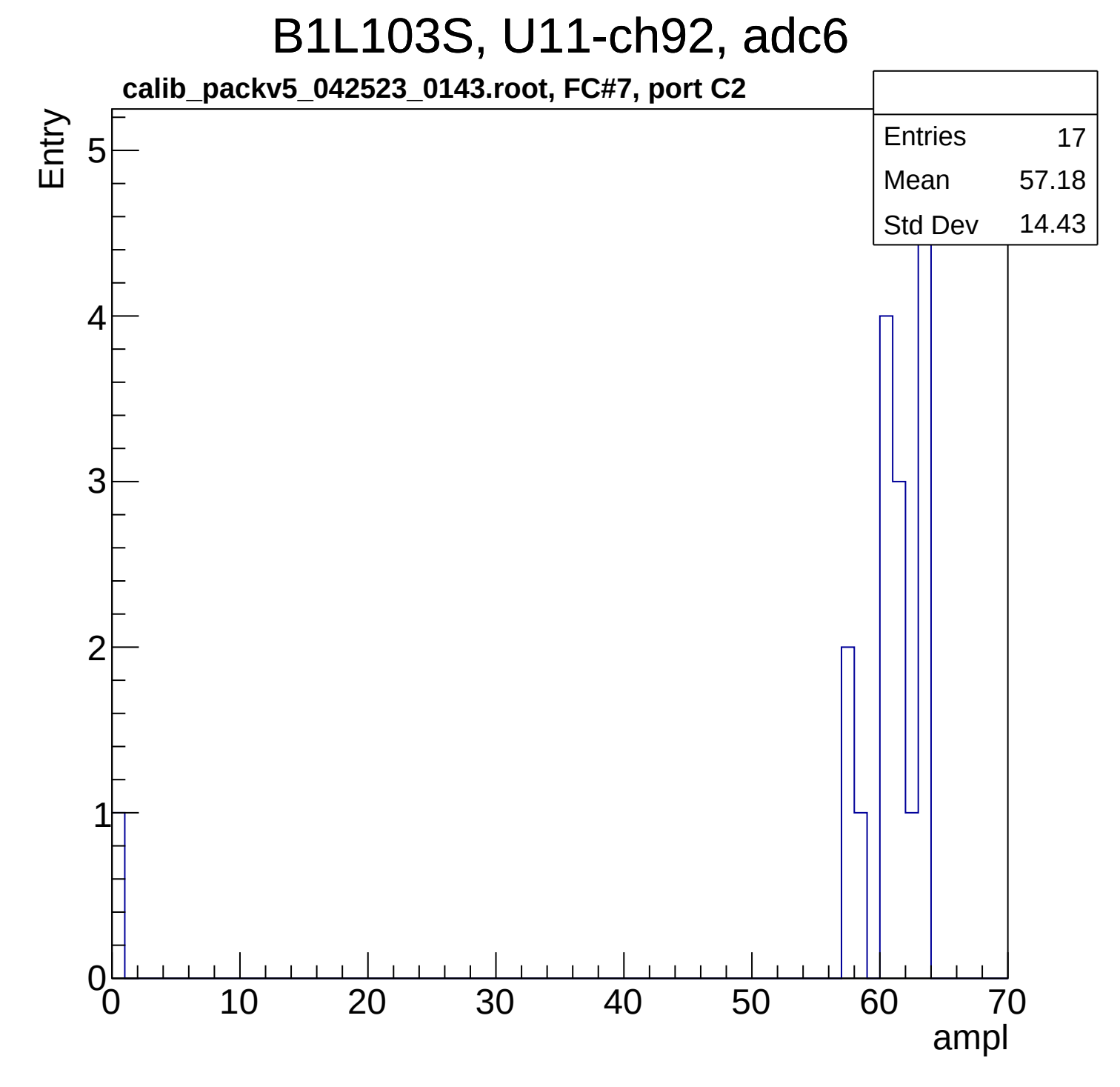
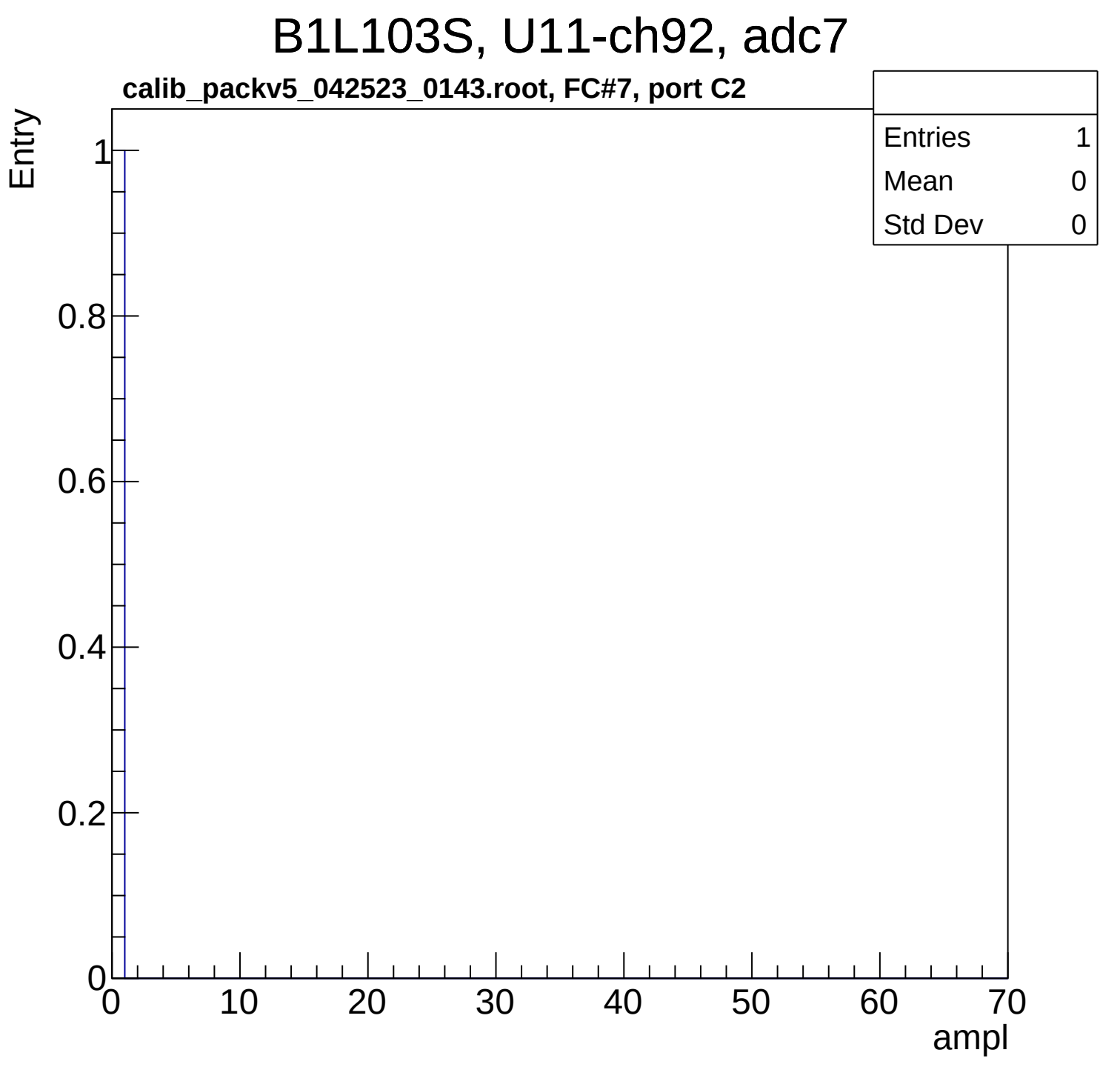
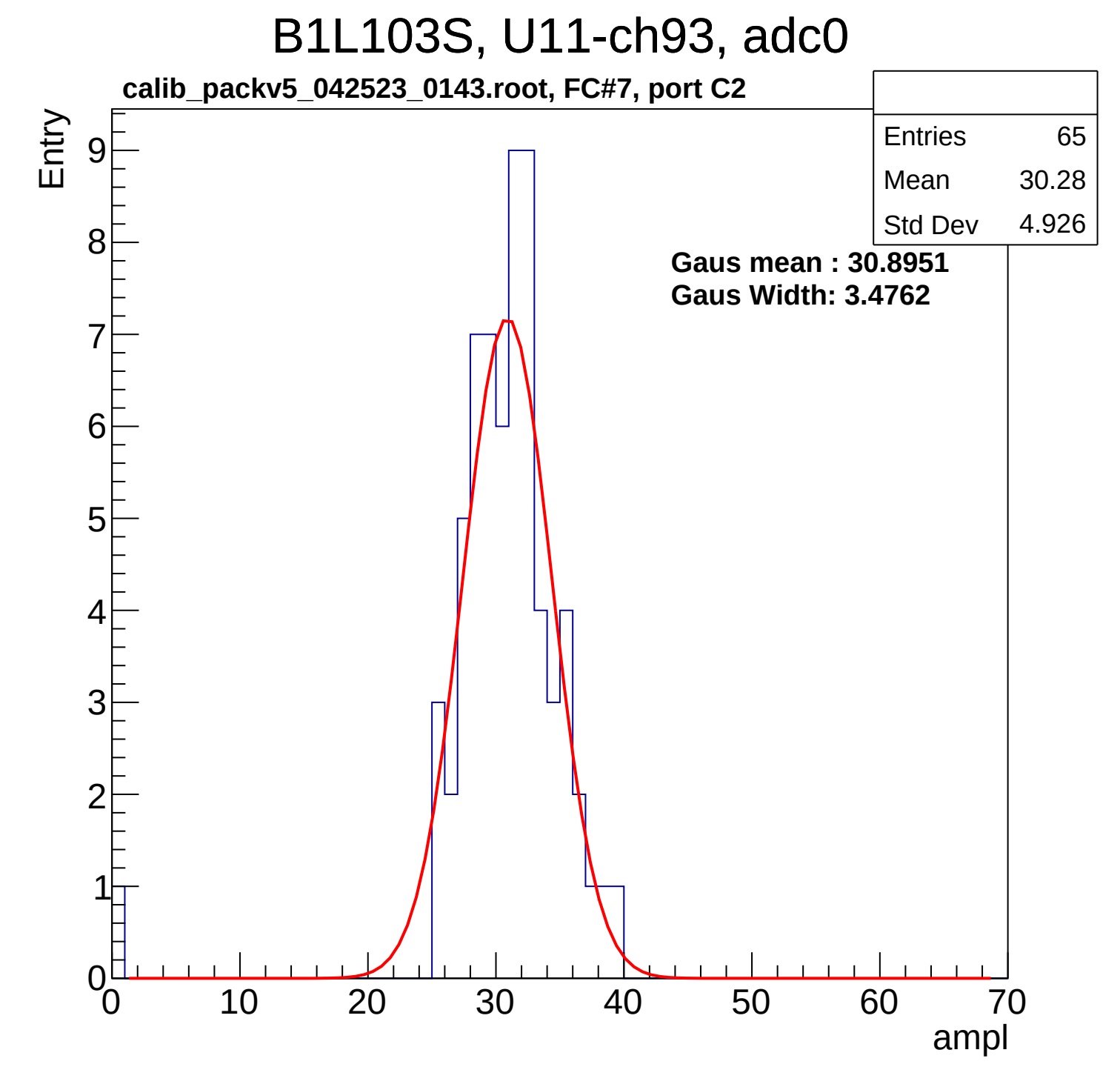
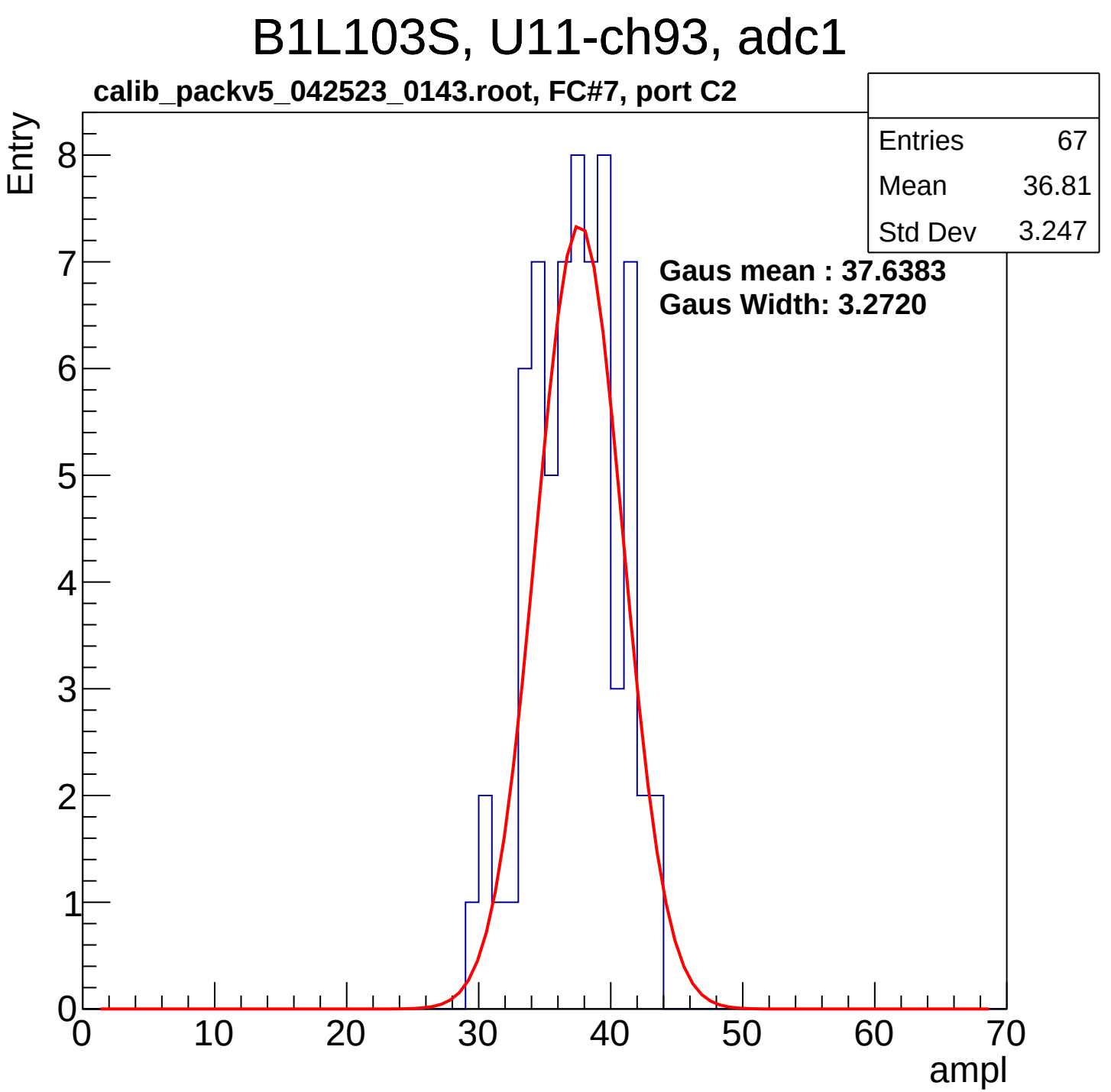

B1L103S, U11-ch92, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 17
Mean 57.18
Std Dev 14.43
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch92, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch93, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 30.28
Std Dev 4.926
Gaus mean : 30.8951
Gaus Width: 3.4762
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch93, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 36.81
Std Dev 3.247
Gaus mean : 37.6383
Gaus Width: 3.2720
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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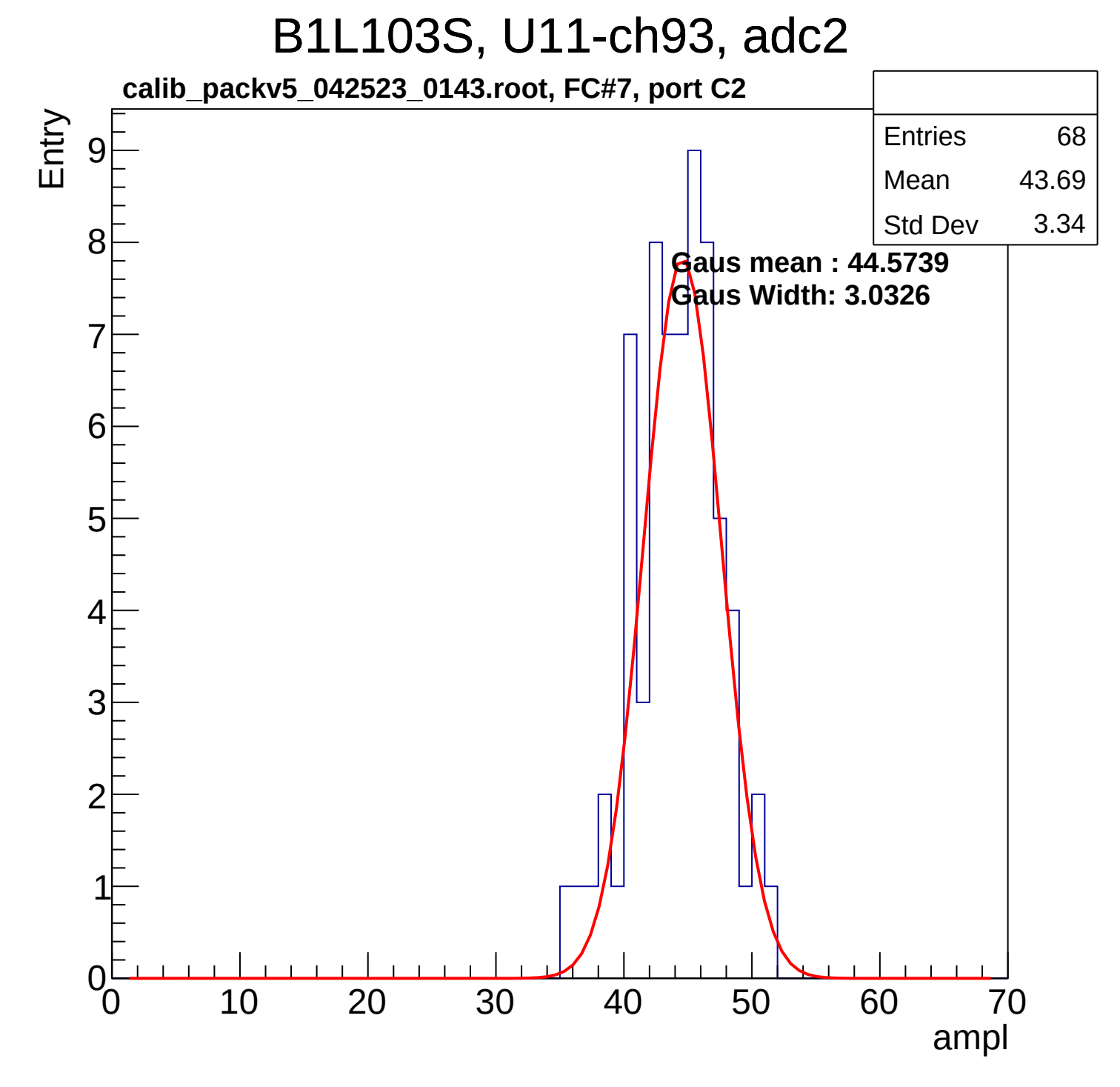
B1L103S, U11-ch93, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 43.69
Std Dev 3.34
Gaus mean : 44.5739
Gaus Width: 3.0326
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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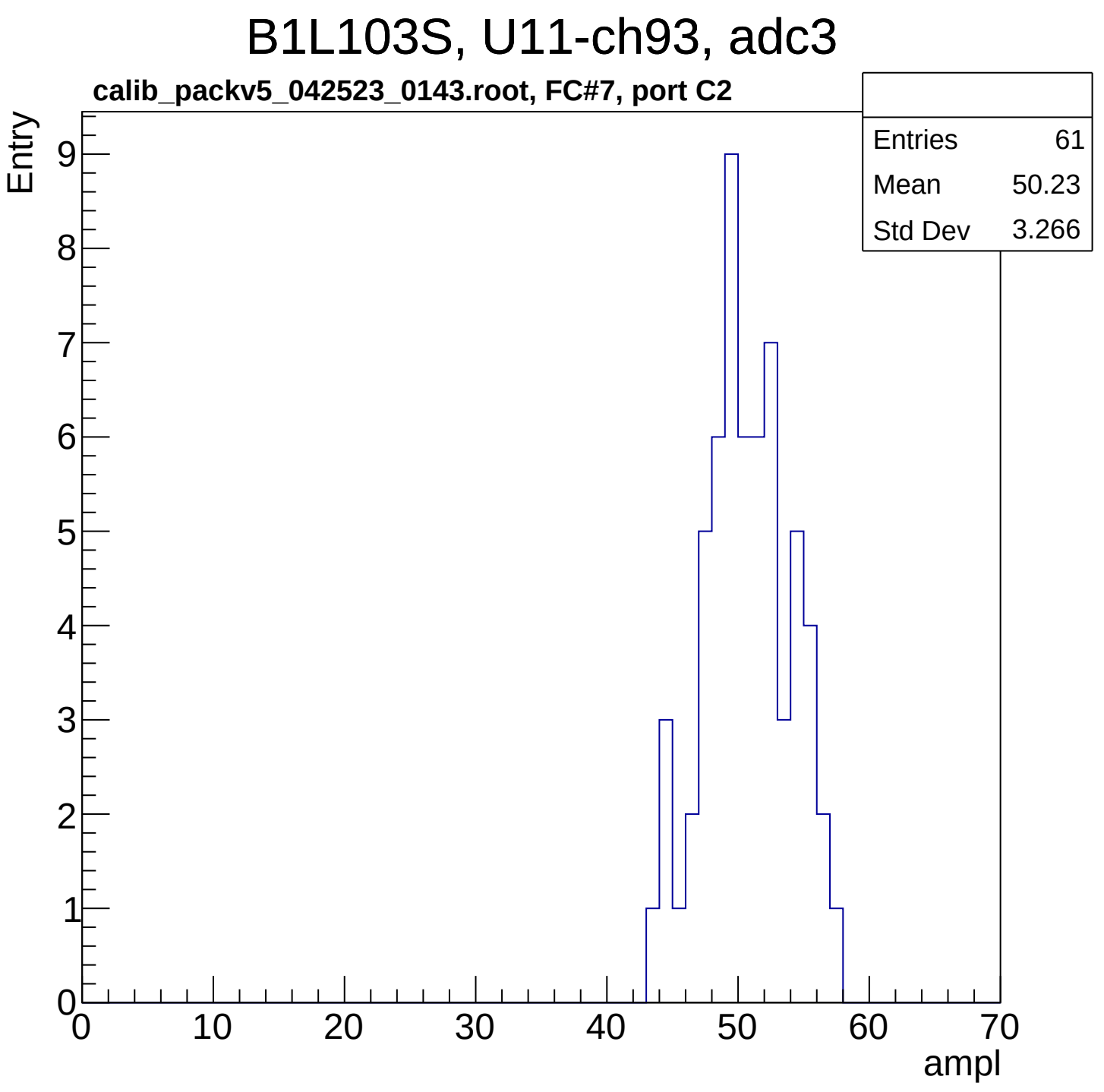
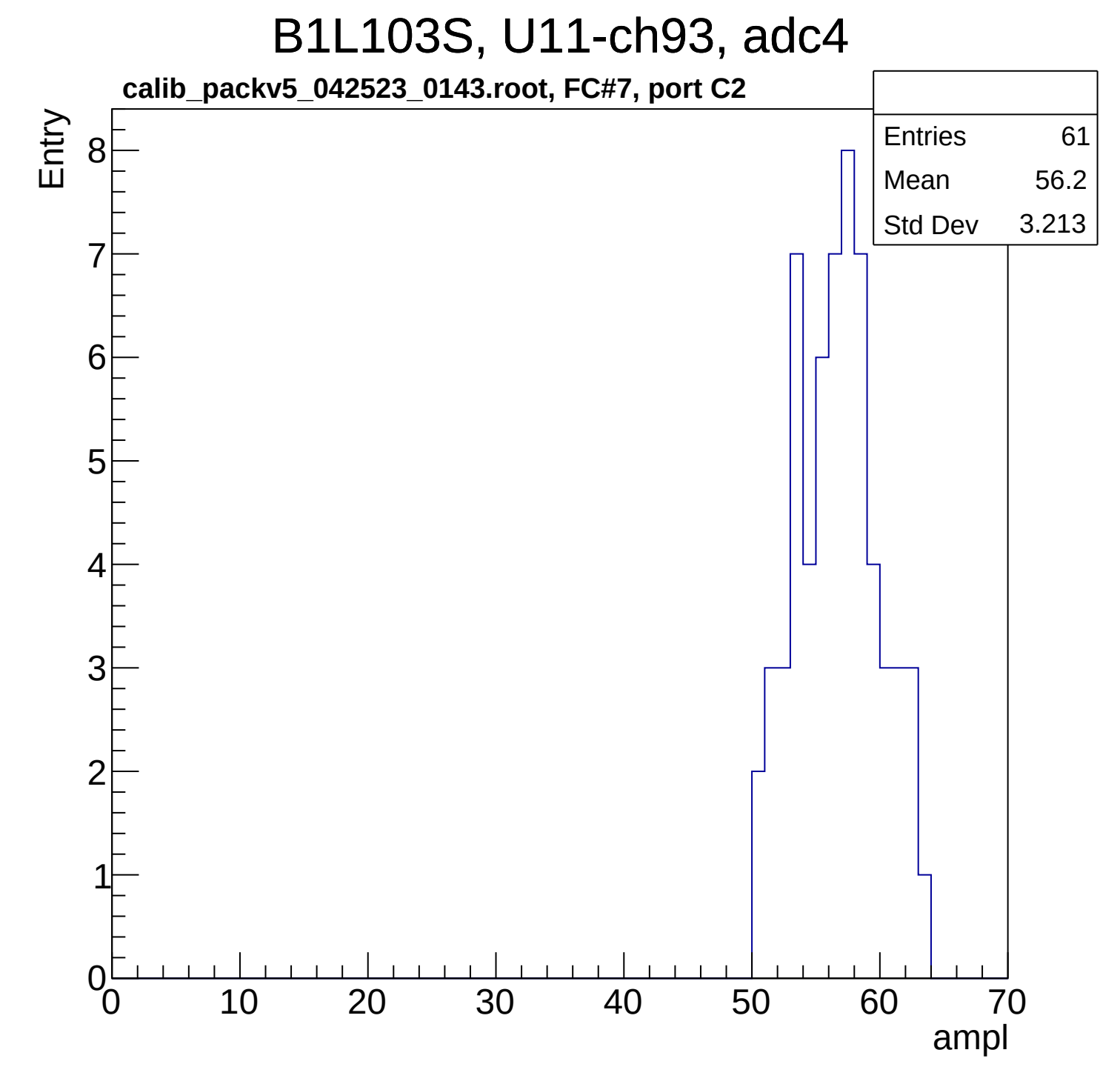
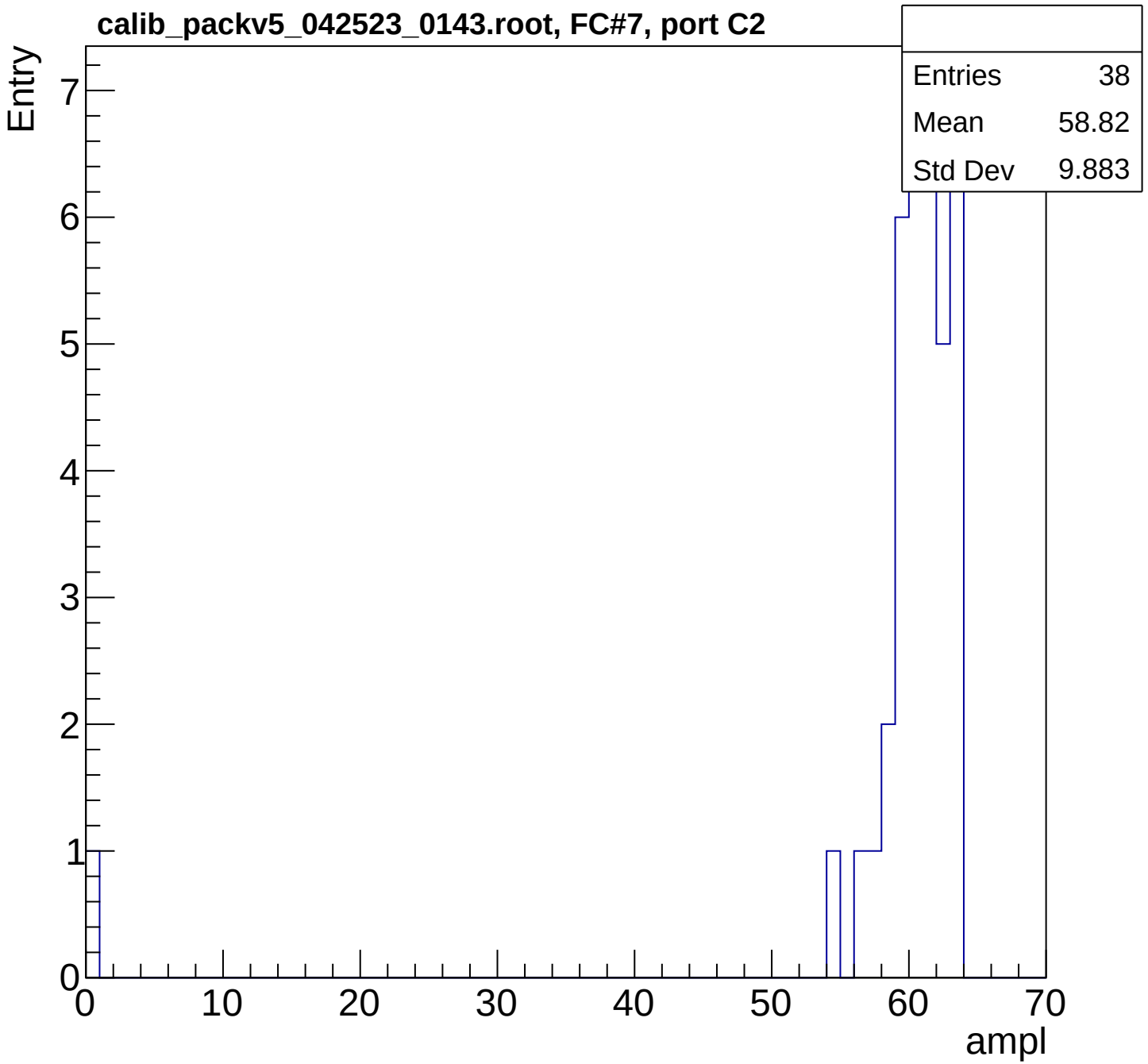

B1L103S, U11-ch93, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 50.23
Std Dev 3.266
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch93, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 56.2
Std Dev 3.213
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch93, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 38
Mean 58.82
Std Dev 9.883
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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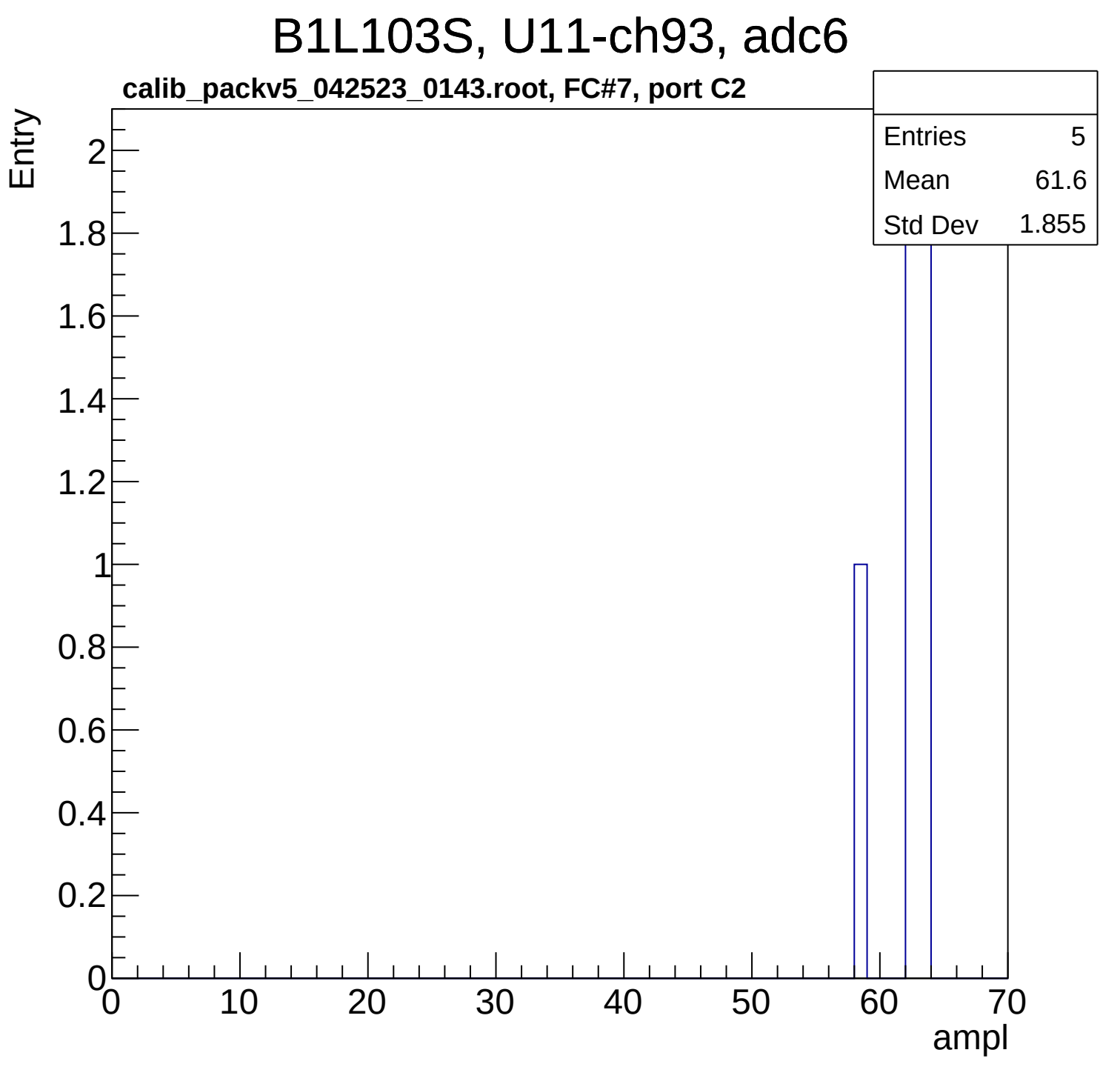
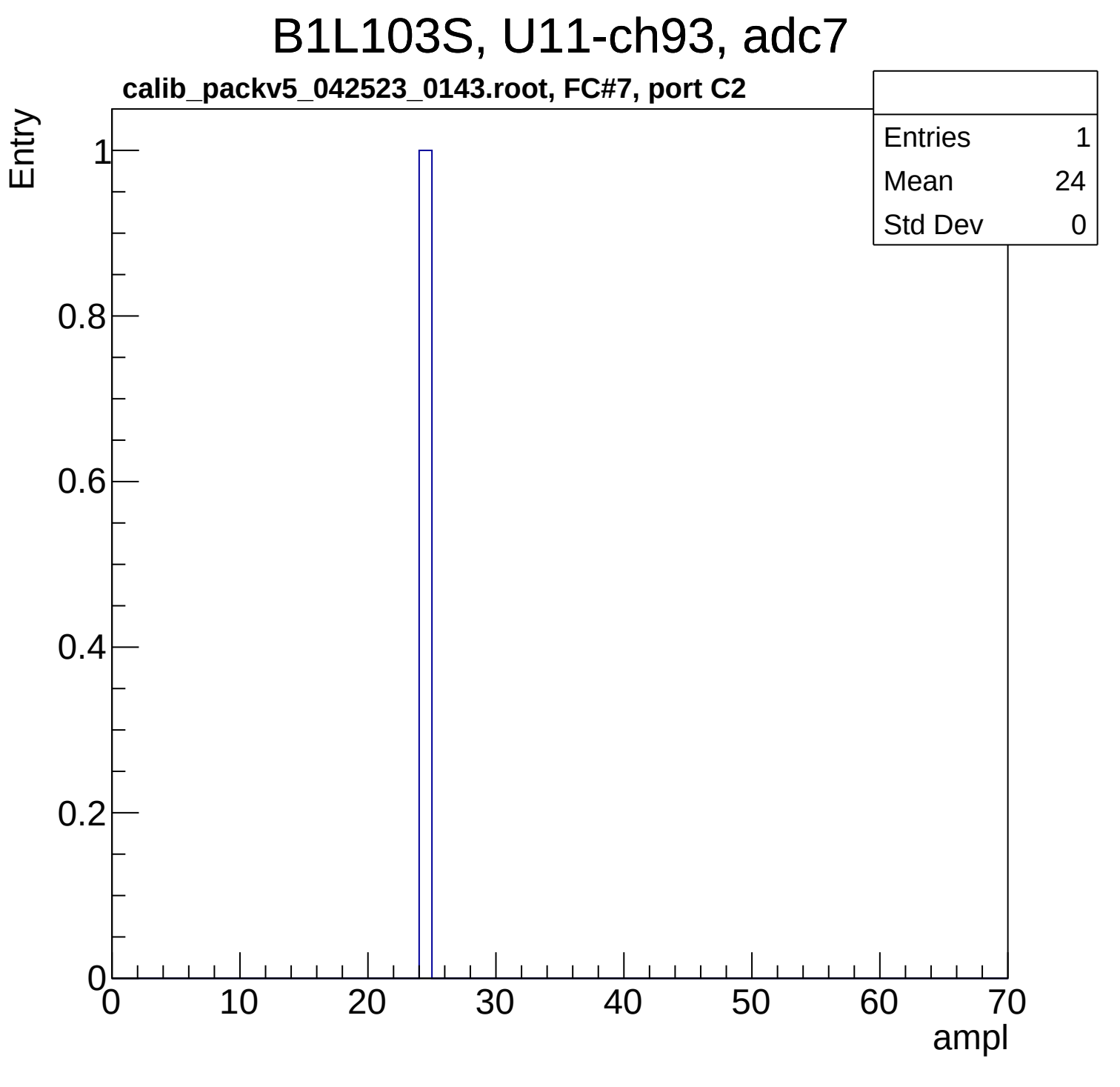

B1L103S, U11-ch93, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 61.6
Std Dev 1.855
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L103S, U11-ch93, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 24
Std Dev 0
Entry
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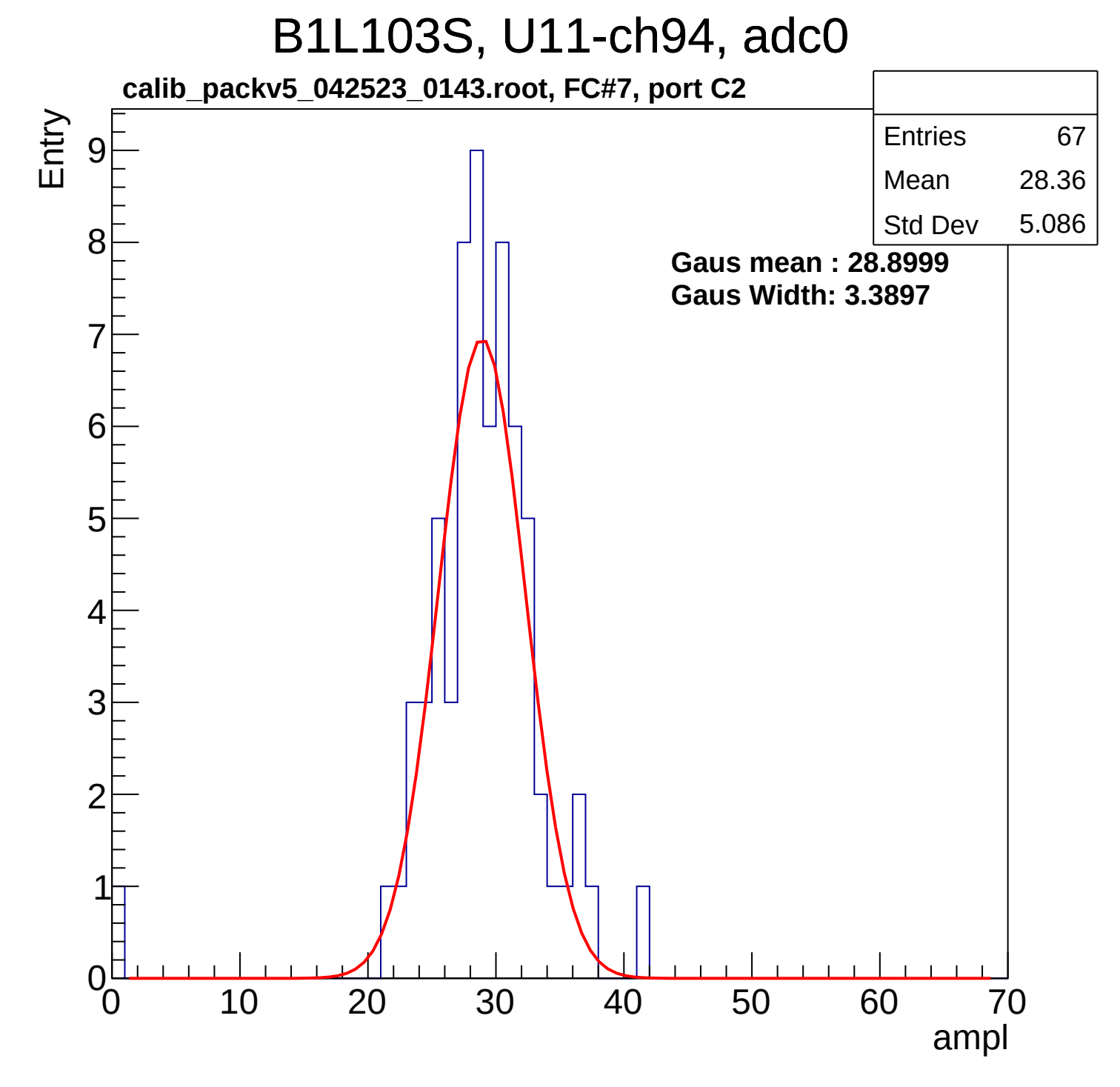
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch94, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 28.36
Std Dev 5.086
Gaus mean : 28.8999
Gaus Width: 3.3897
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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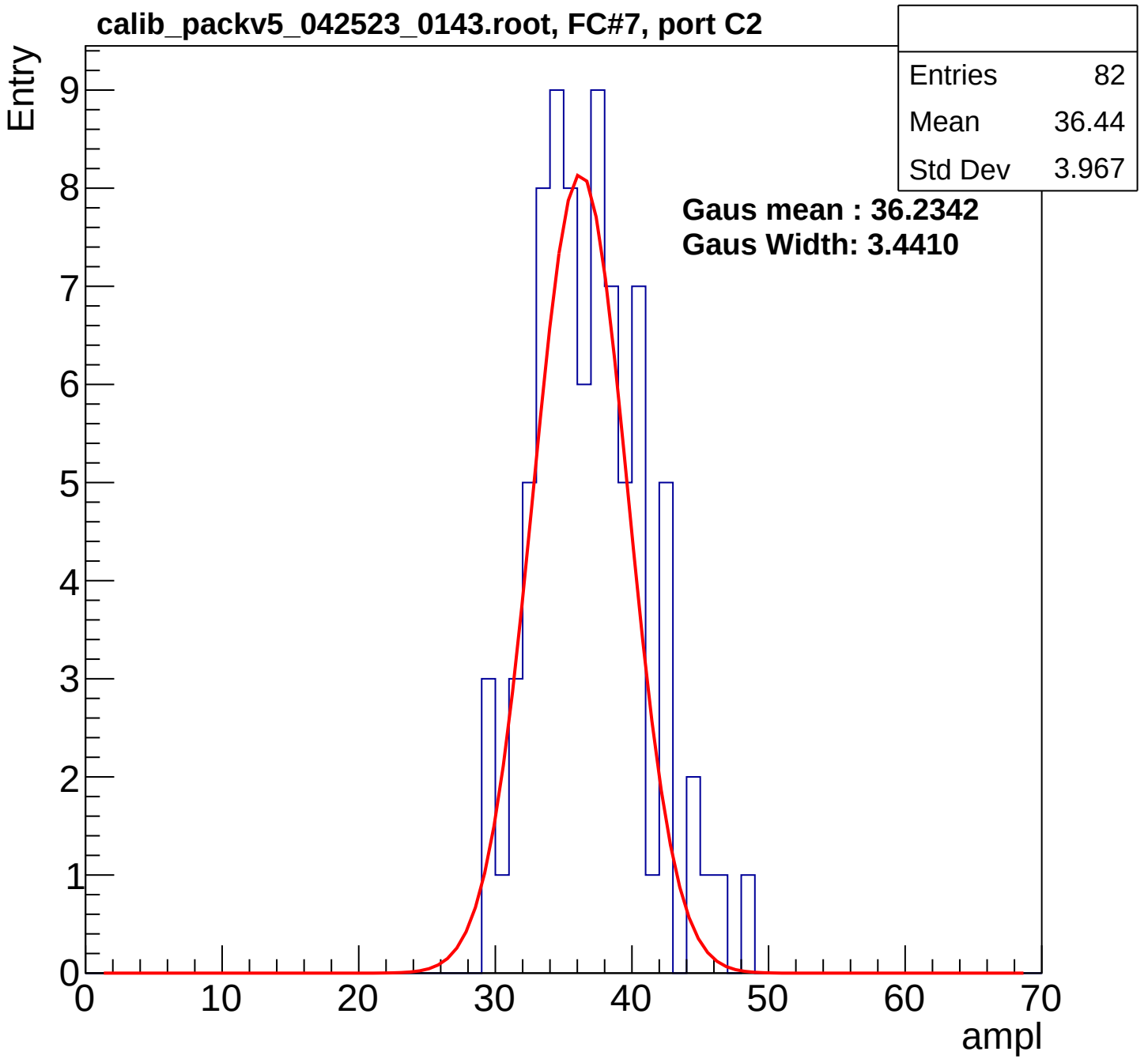
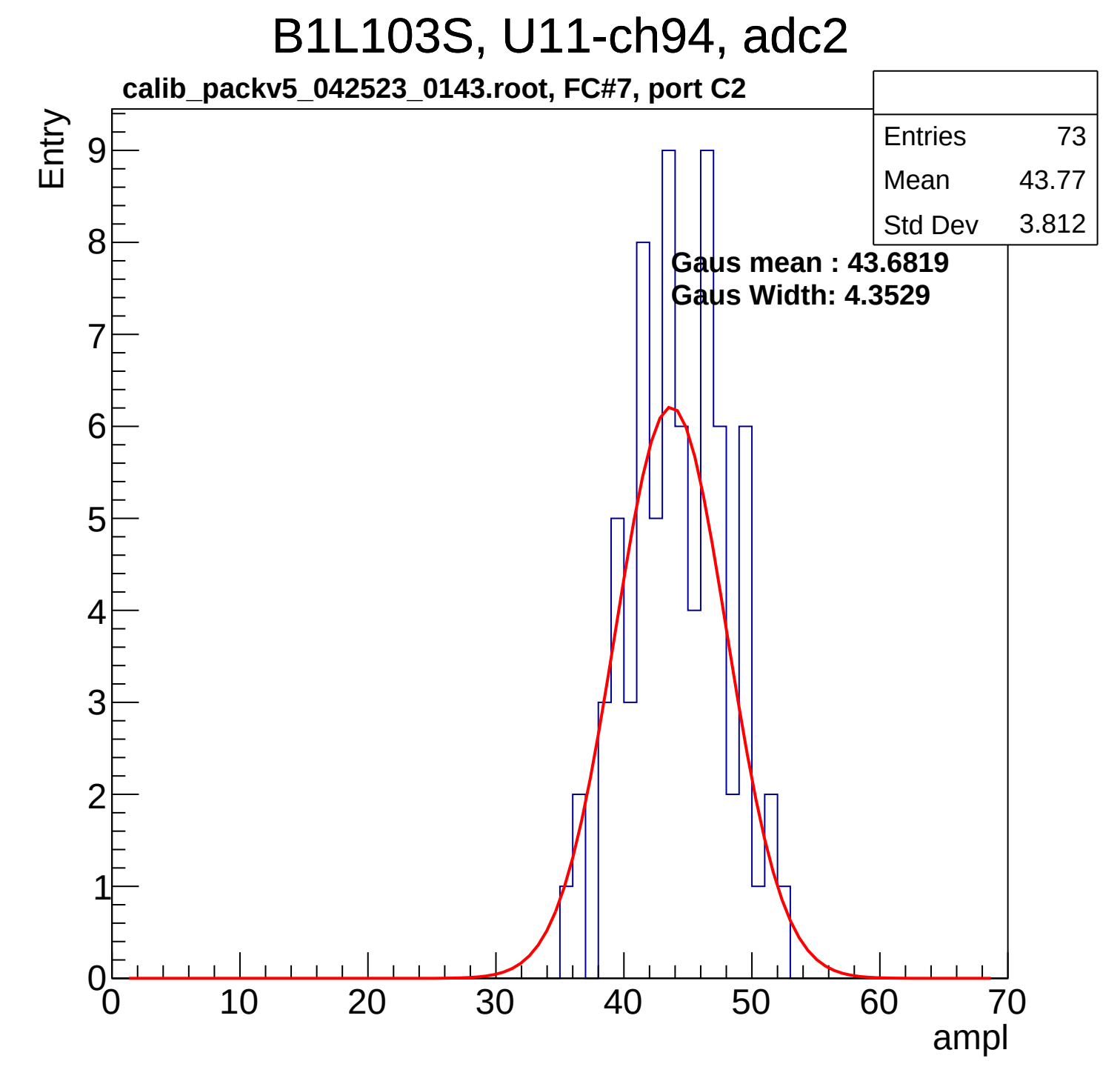

B1L103S, U11-ch94, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 82
Mean 36.44
Std Dev 3.967
Gaus mean : 36.2342
Gaus Width: 3.4410
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch94, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 43.77
Std Dev 3.812
Gaus mean : 43.6819
Gaus Width: 4.3529
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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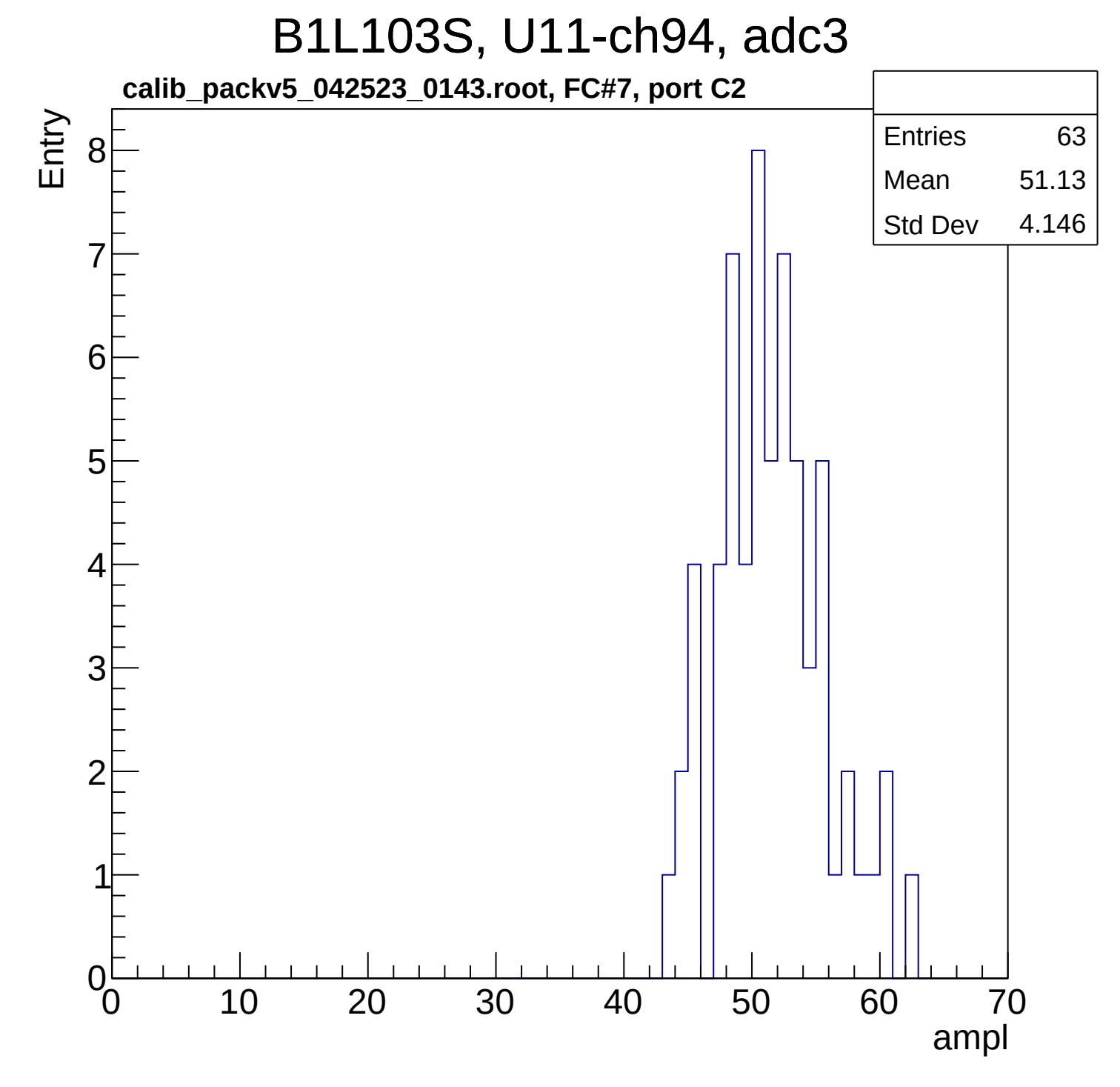
B1L103S, U11-ch94, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 51.13
Std Dev 4.146
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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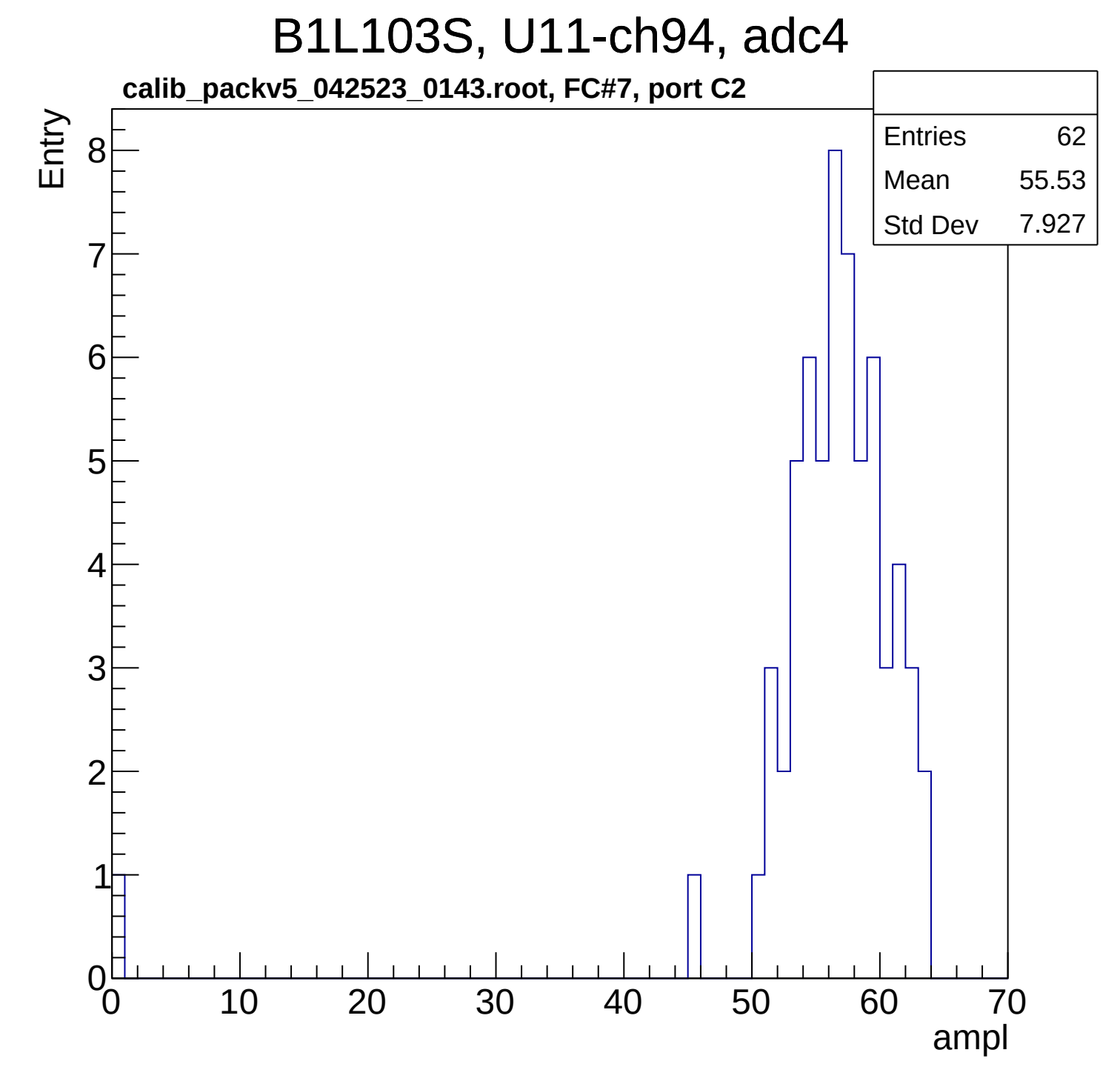
B1L103S, U11-ch94, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 55.53
Std Dev 7.927
Entry
ampl
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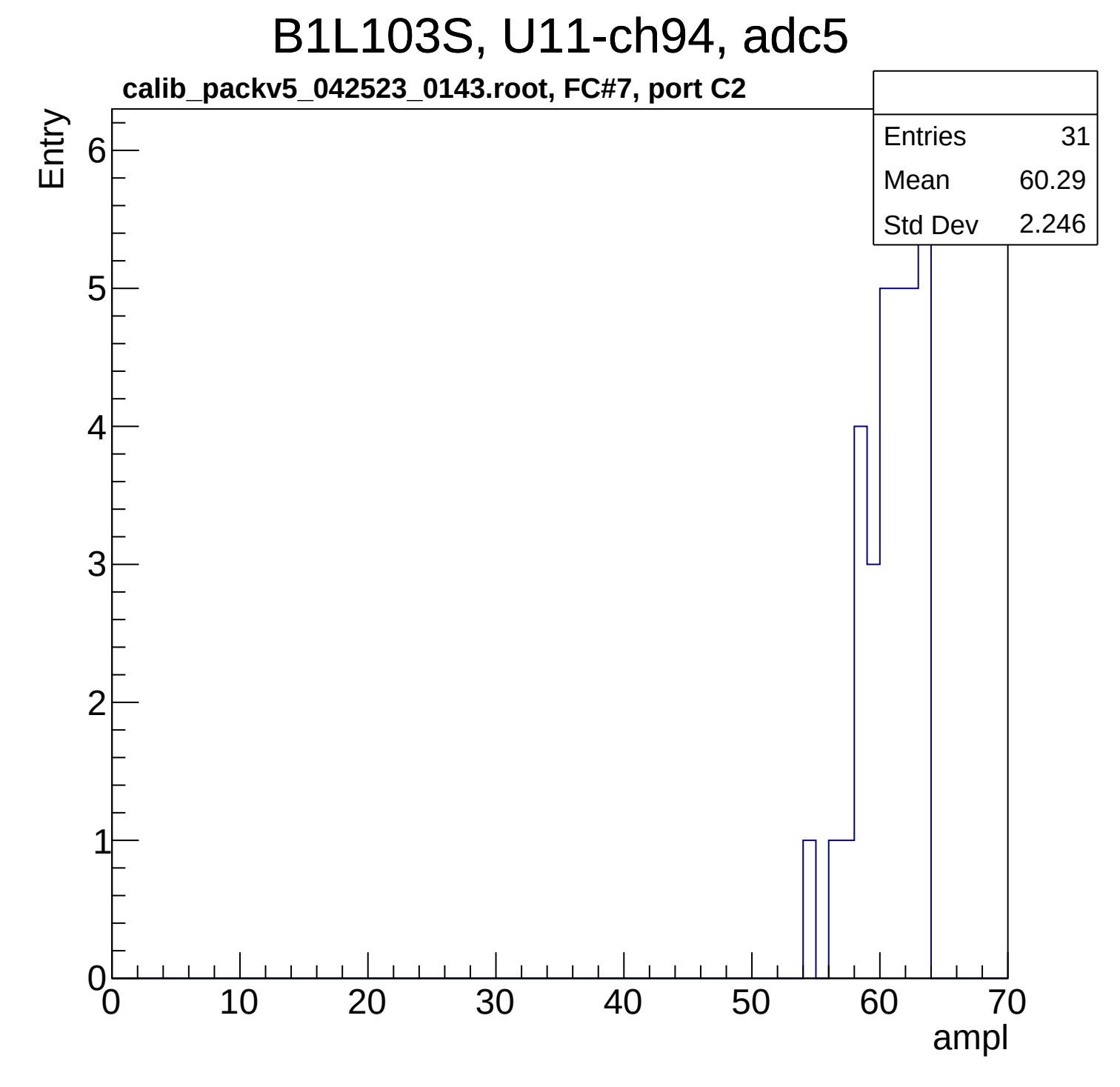
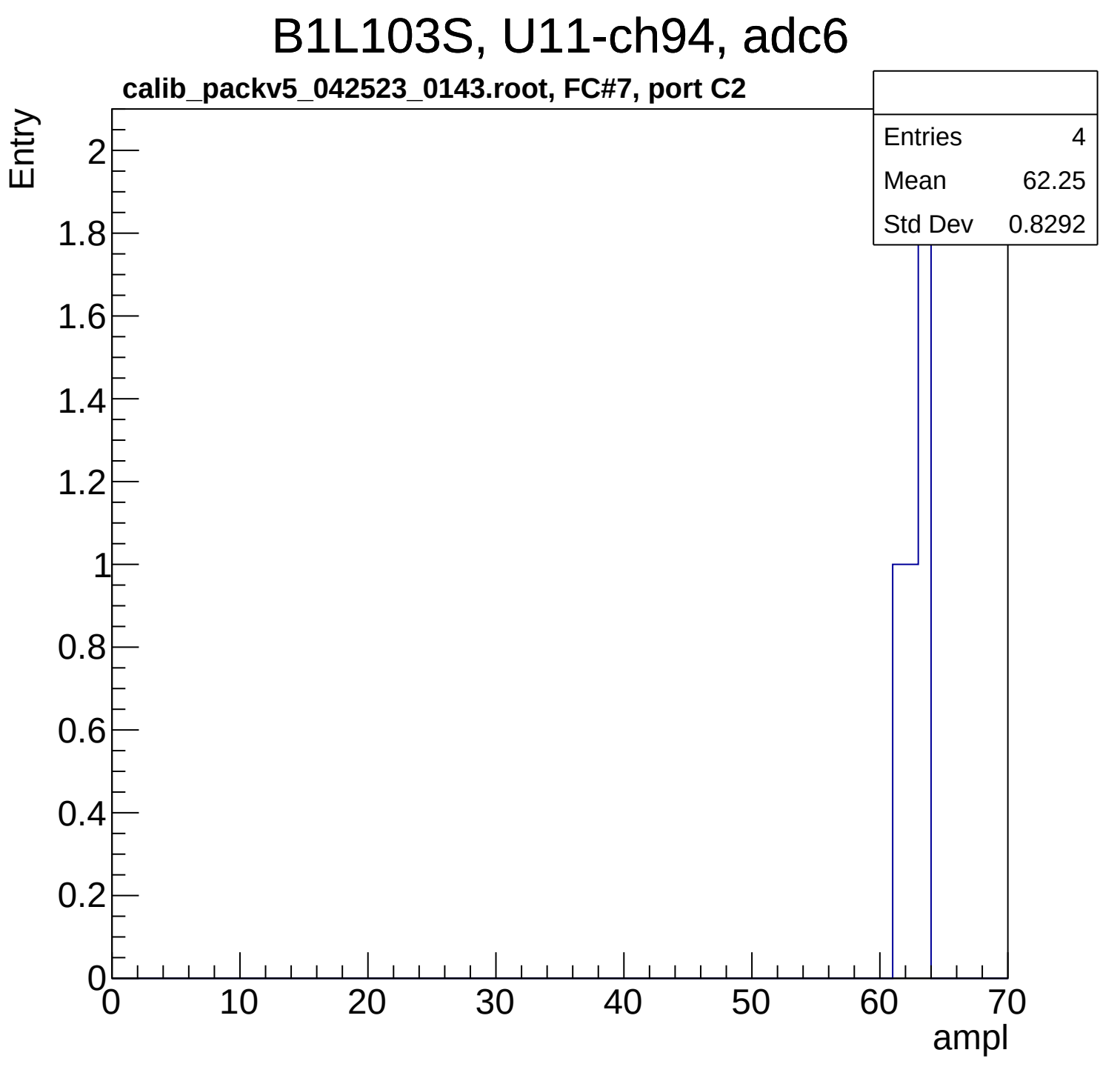
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch94, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 31
Mean 60.29
Std Dev 2.246
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L103S, U11-ch94, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 4
Mean 62.25
Std Dev 0.8292
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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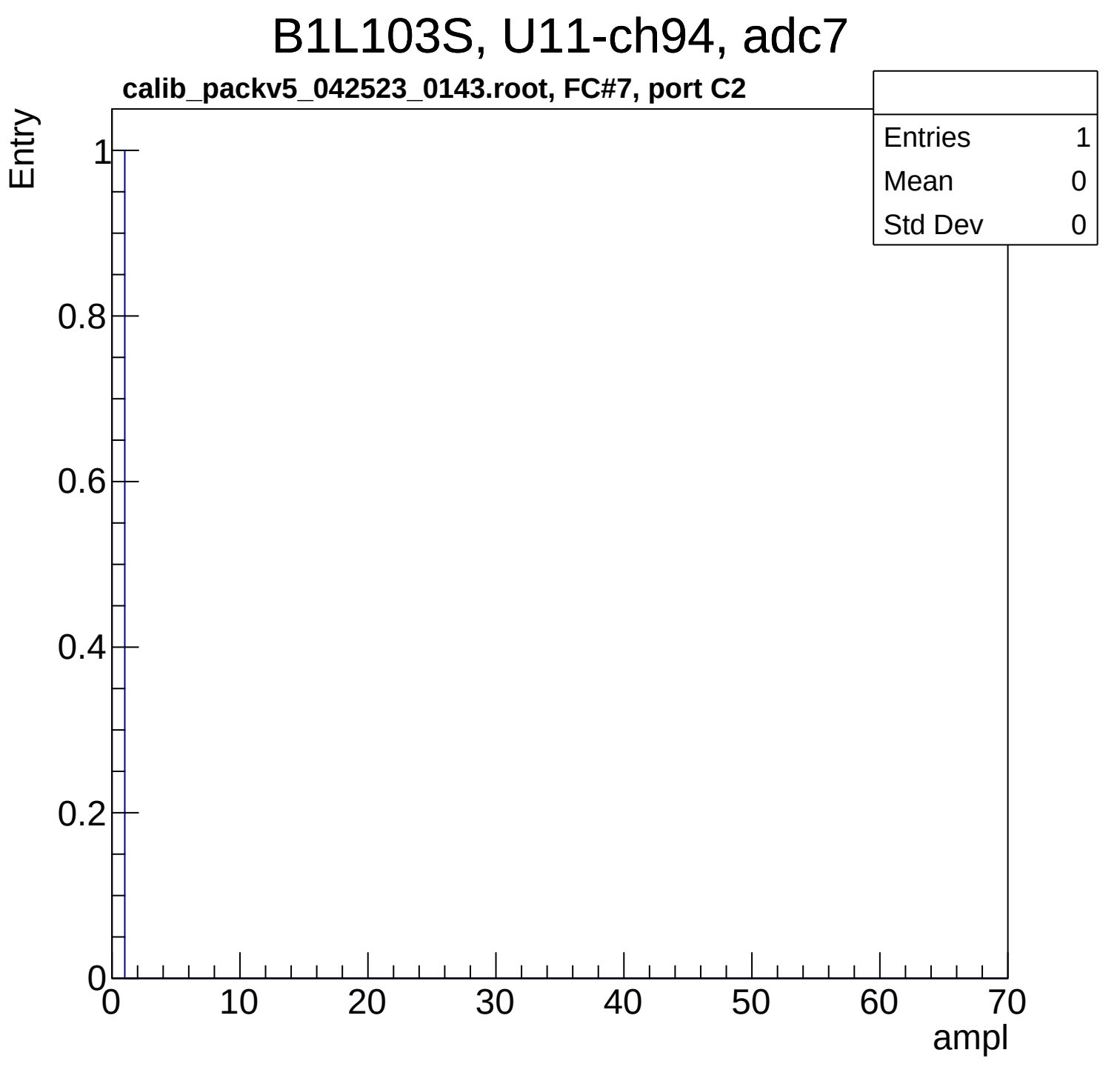
B1L103S, U11-ch94, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
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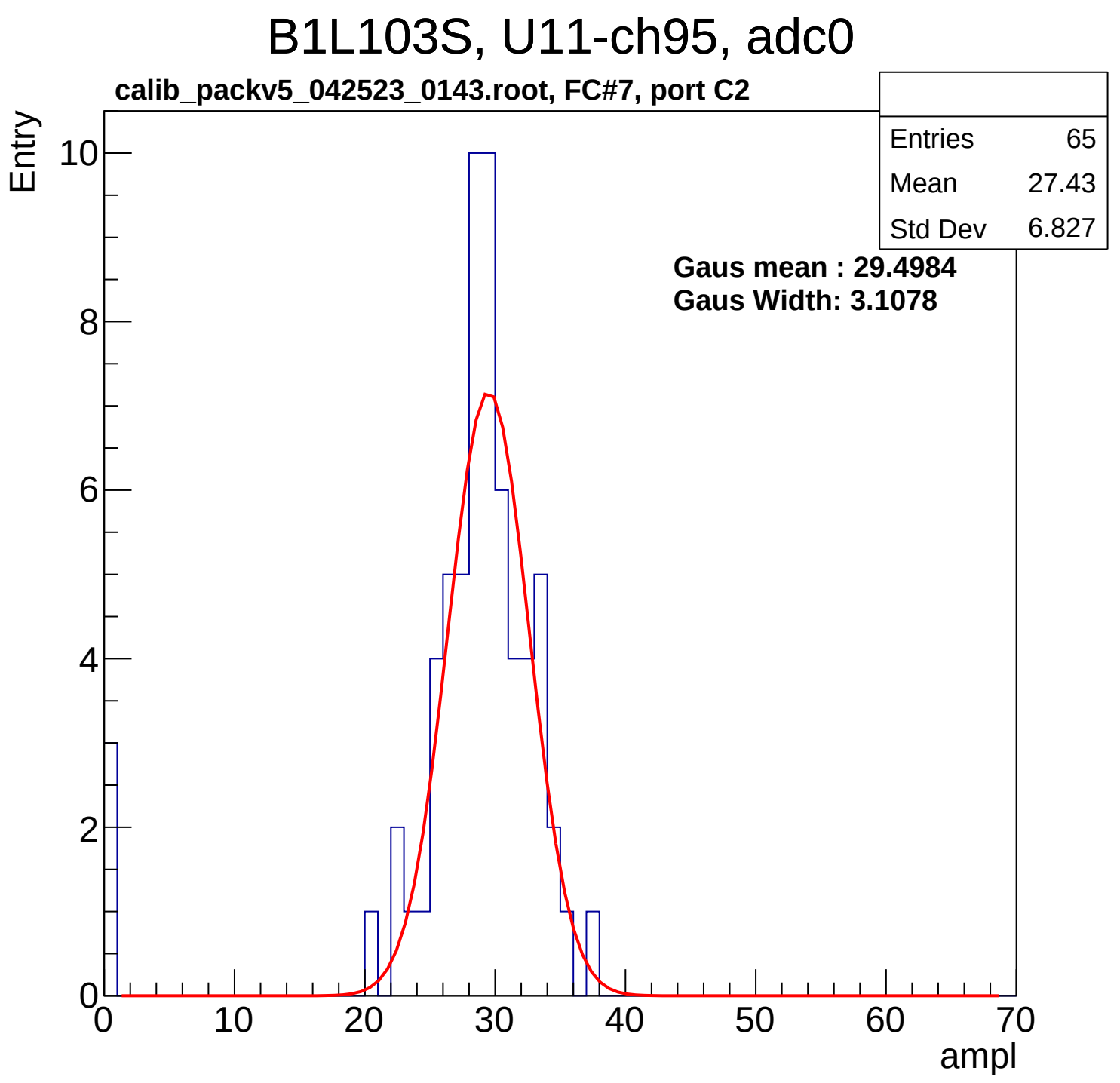
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch95, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 27.43
Std Dev 6.827
Gaus mean : 29.4984
Gaus Width: 3.1078
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
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60
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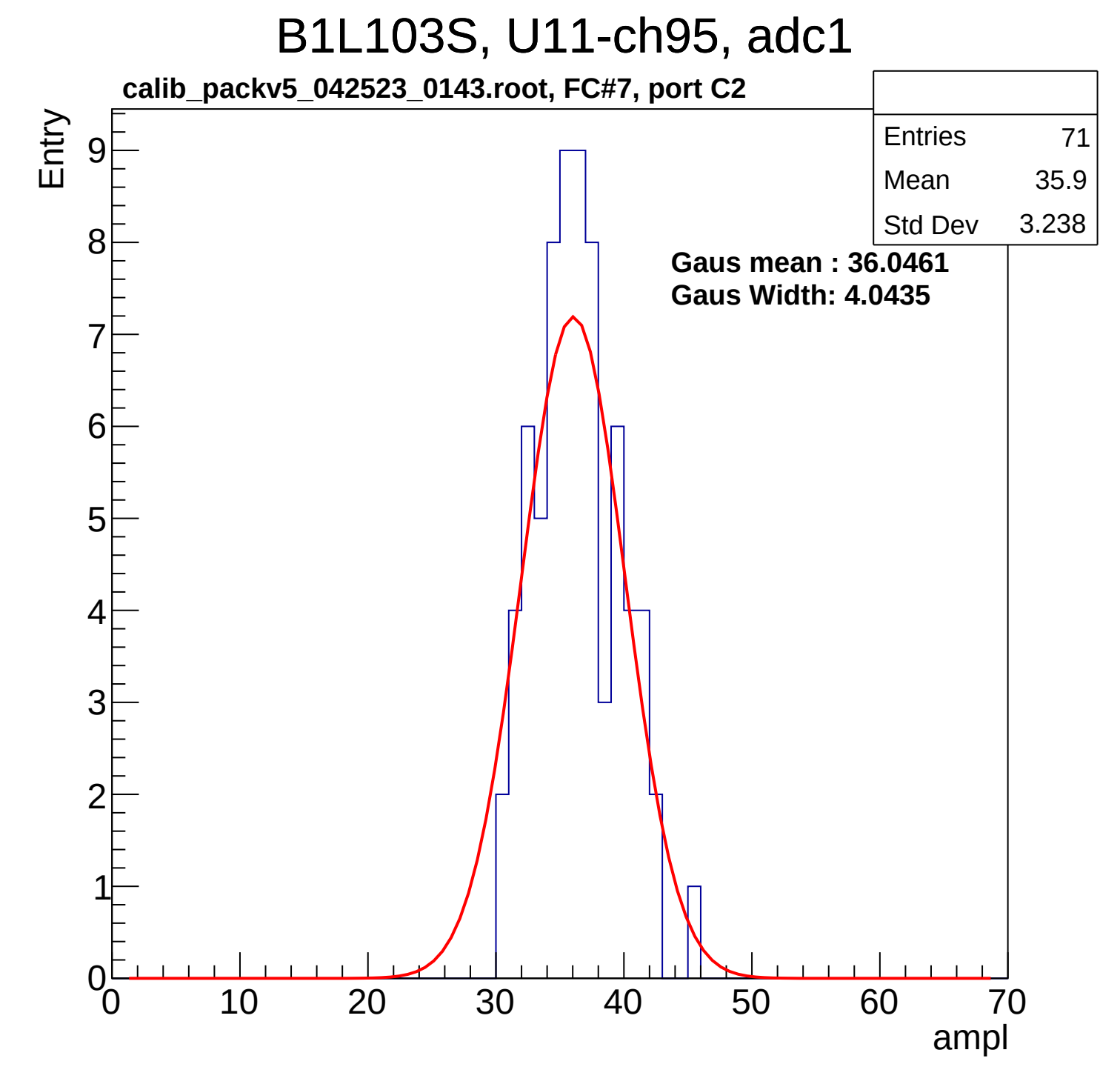
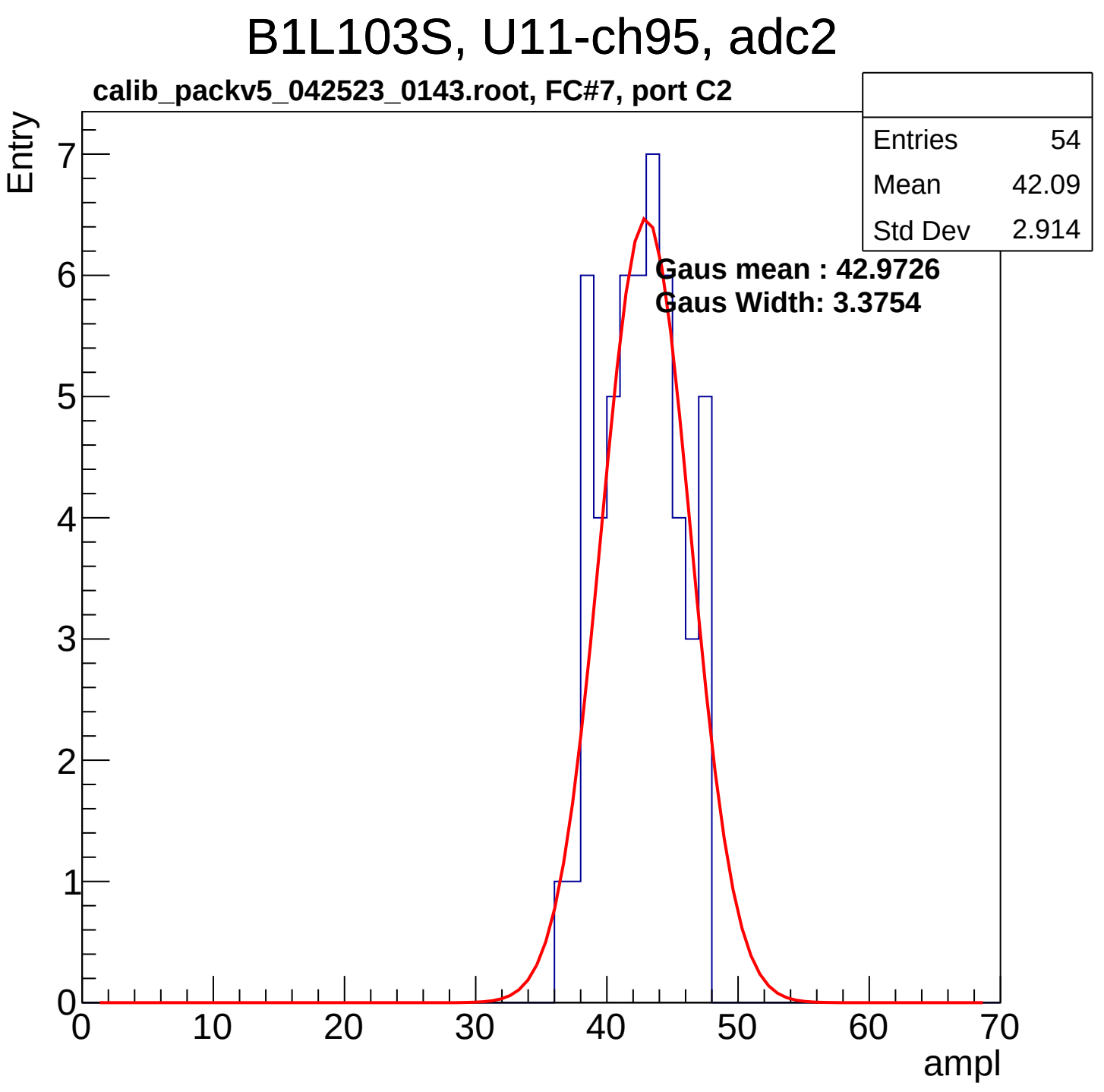

B1L103S, U11-ch95, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 35.9
Std Dev 3.238
Gaus mean : 36.0461
Gaus Width: 4.0435
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch95, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 42.09
Std Dev 2.914
Gaus mean : 42.9726
Gaus Width: 3.3754
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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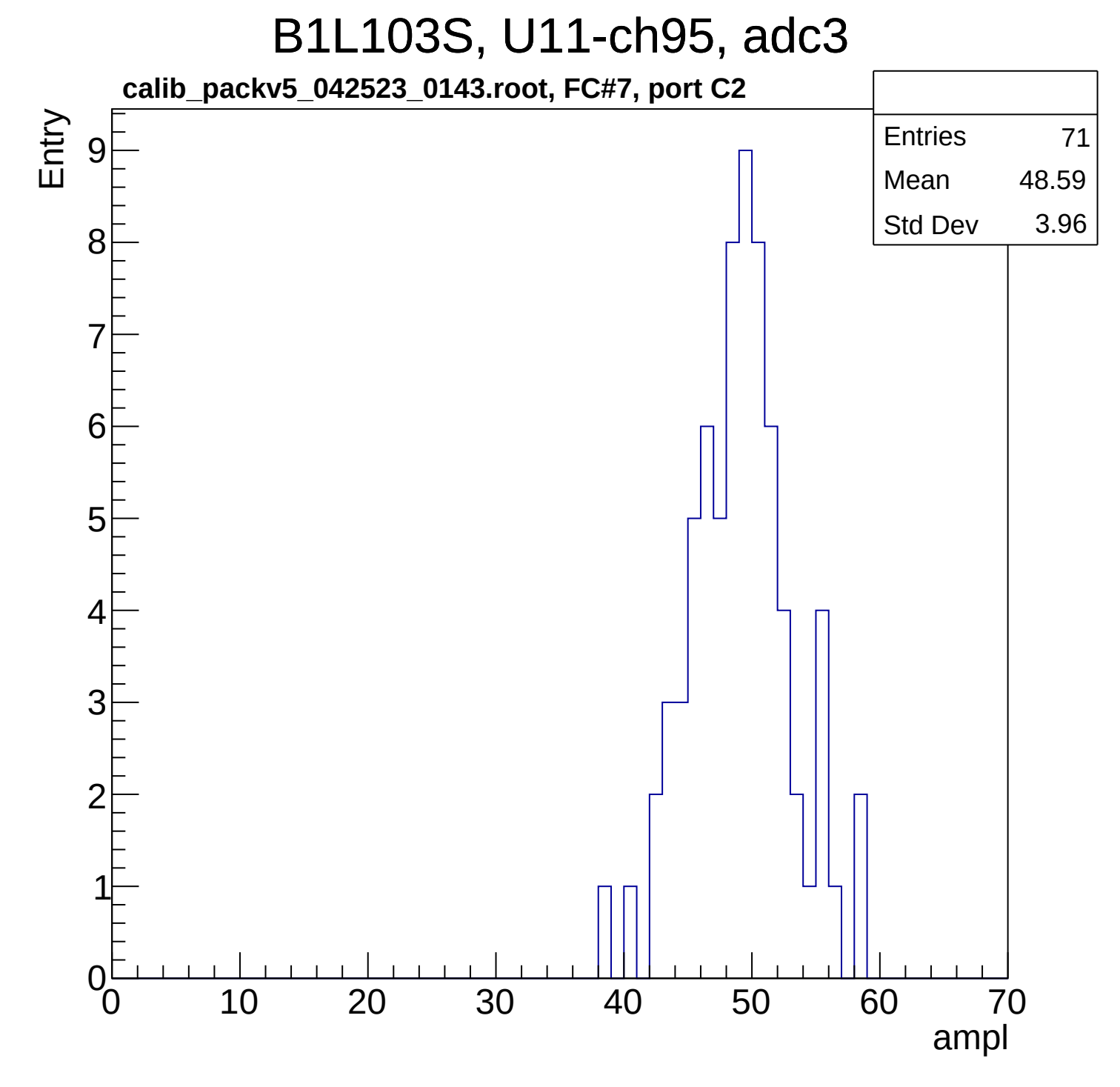
B1L103S, U11-ch95, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 48.59
Std Dev 3.96
Entry
ampl
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0
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60
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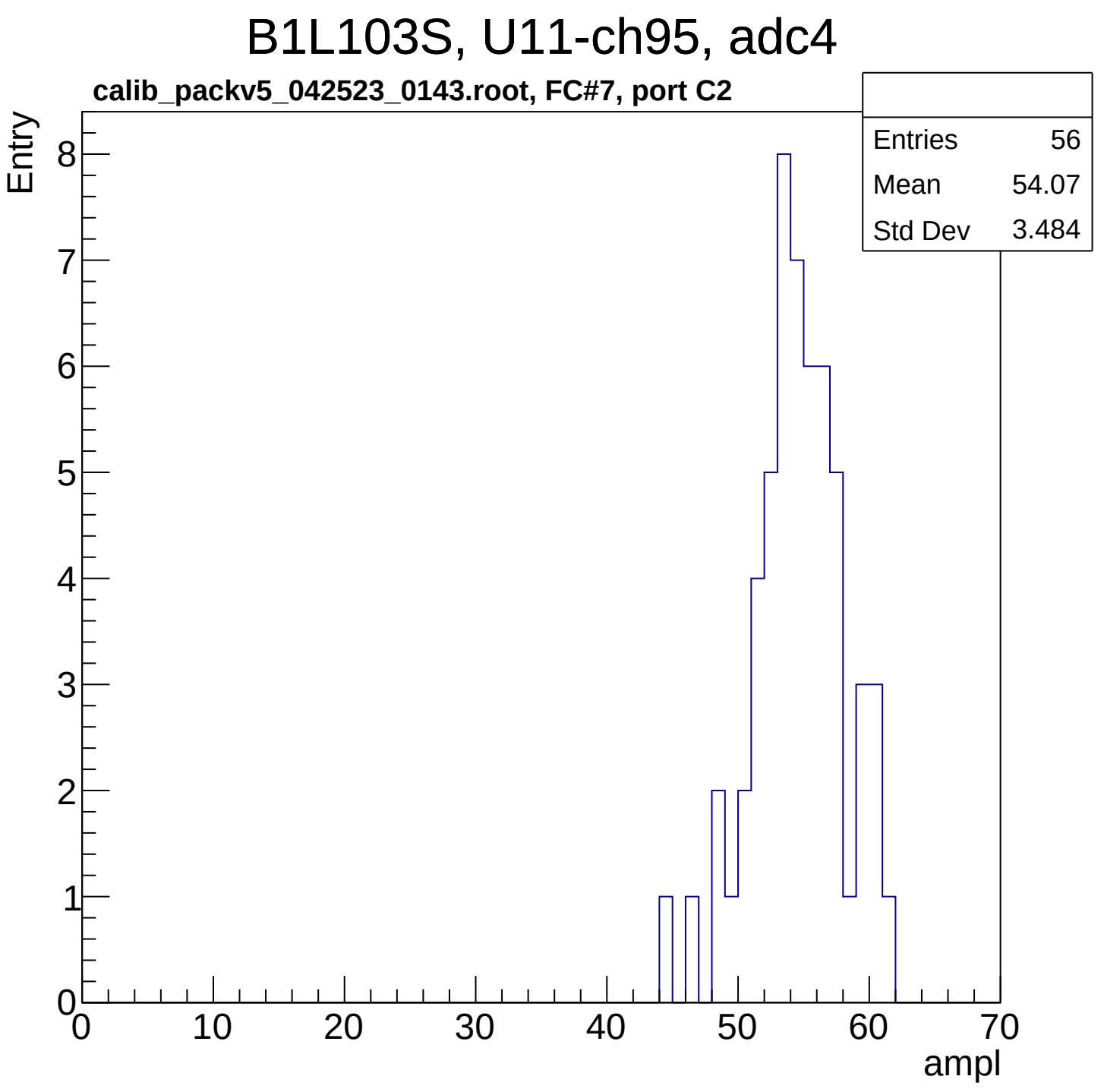
B1L103S, U11-ch95, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 54.07
Std Dev 3.484
Entry
ampl
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60
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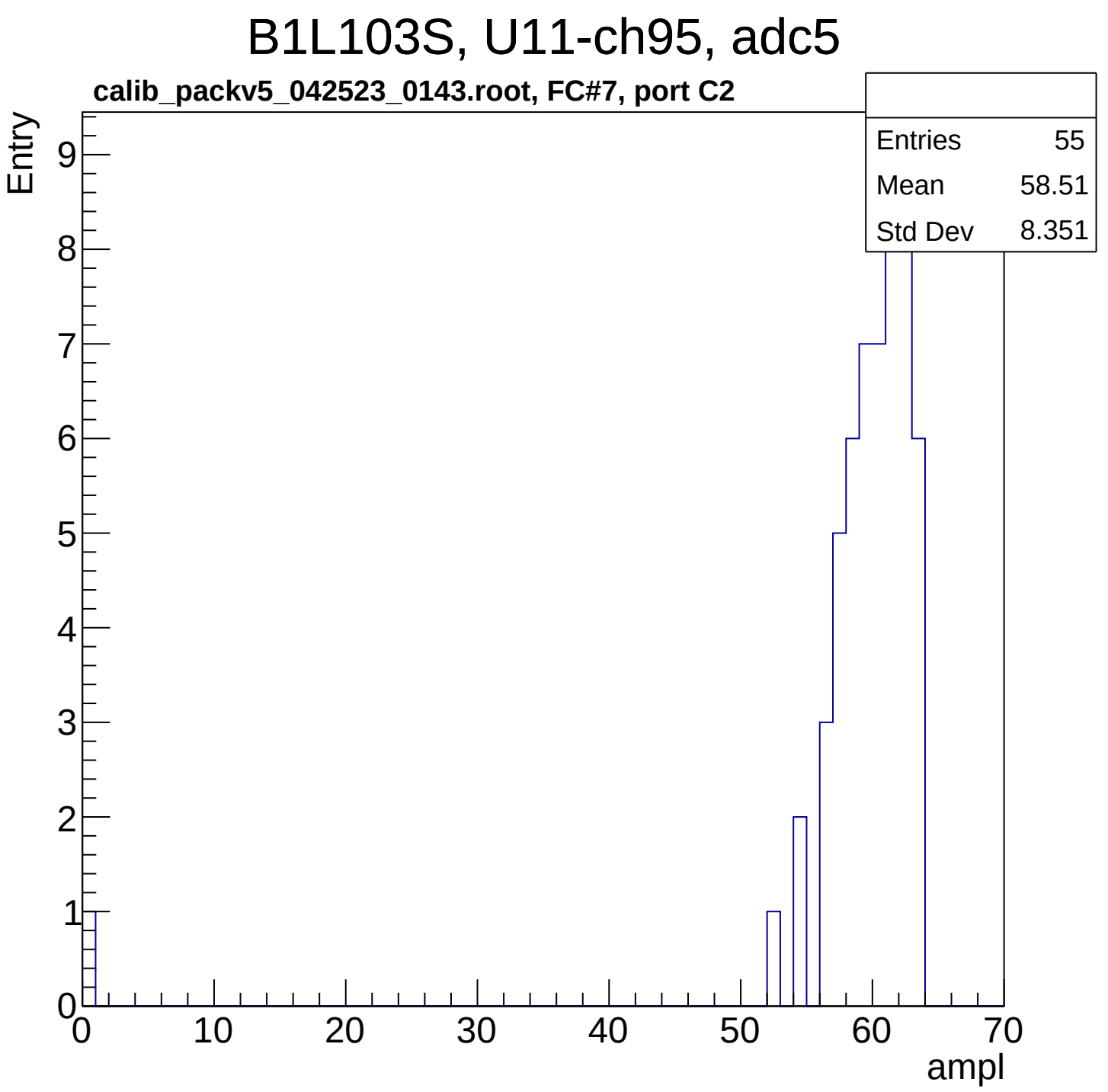
B1L103S, U11-ch95, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 58.51
Std Dev 8.351
Entry
ampl
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7
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0
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40
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60
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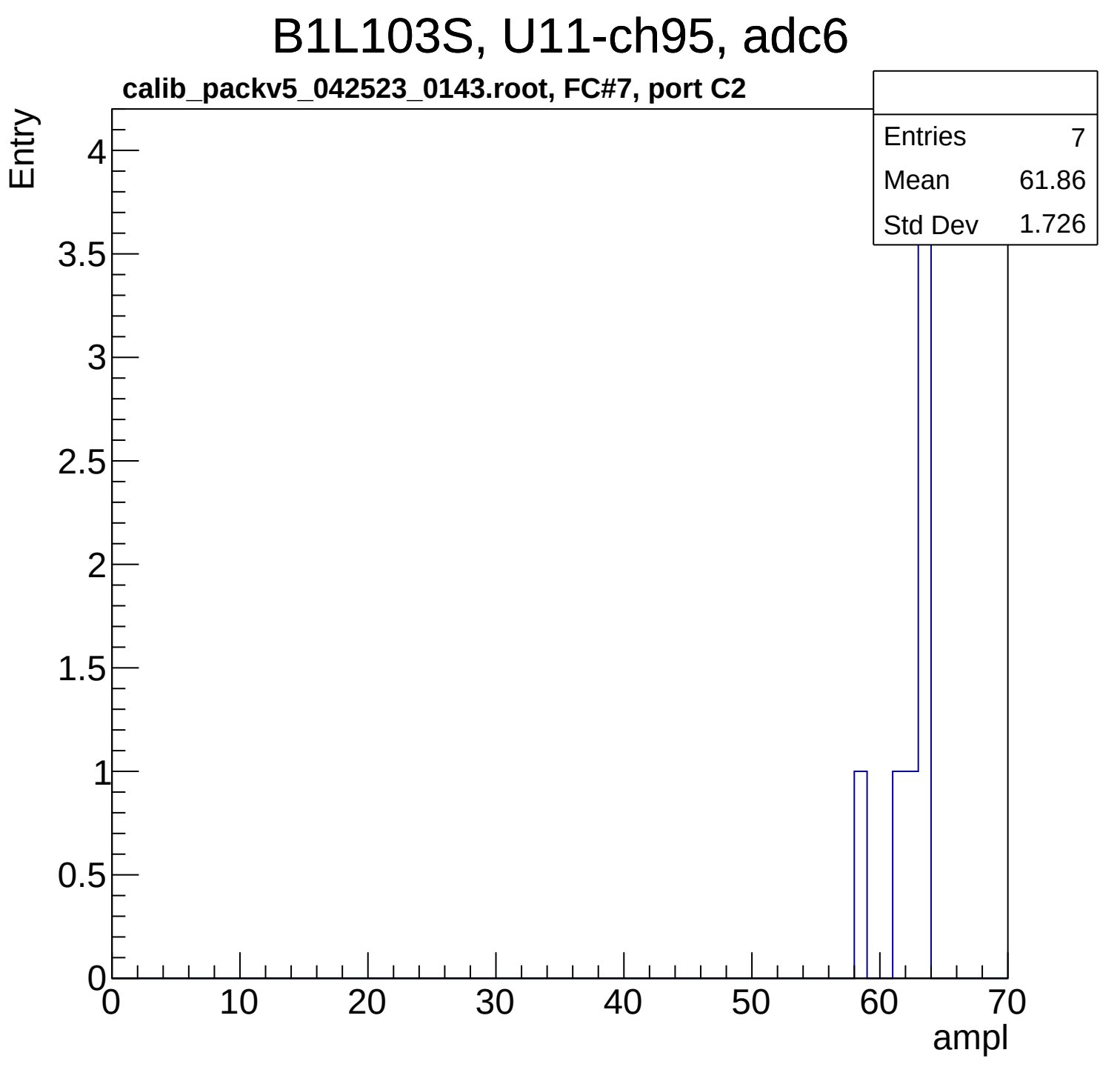
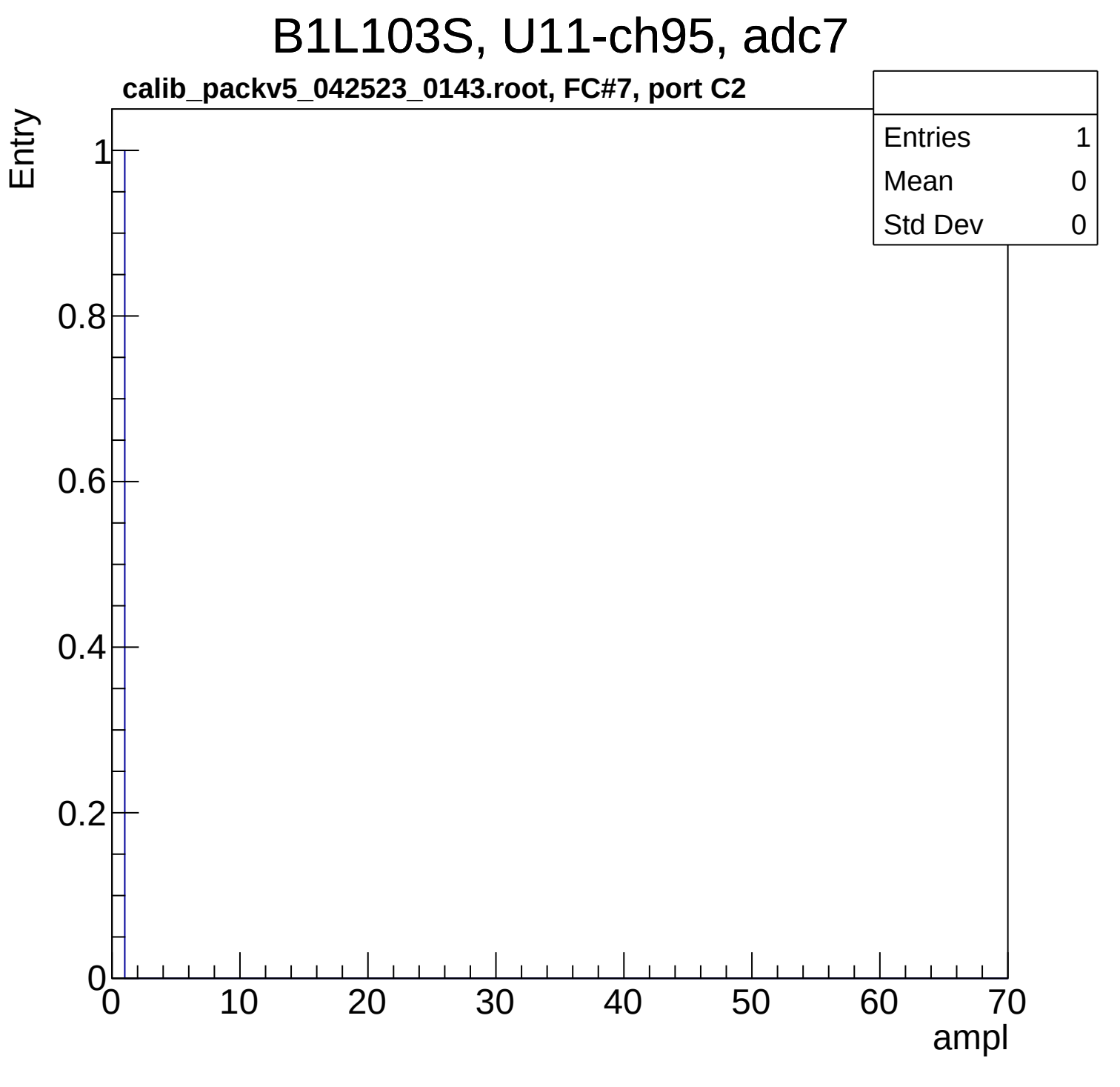

B1L103S, U11-ch95, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 7
Mean 61.86
Std Dev 1.726
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L103S, U11-ch95, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
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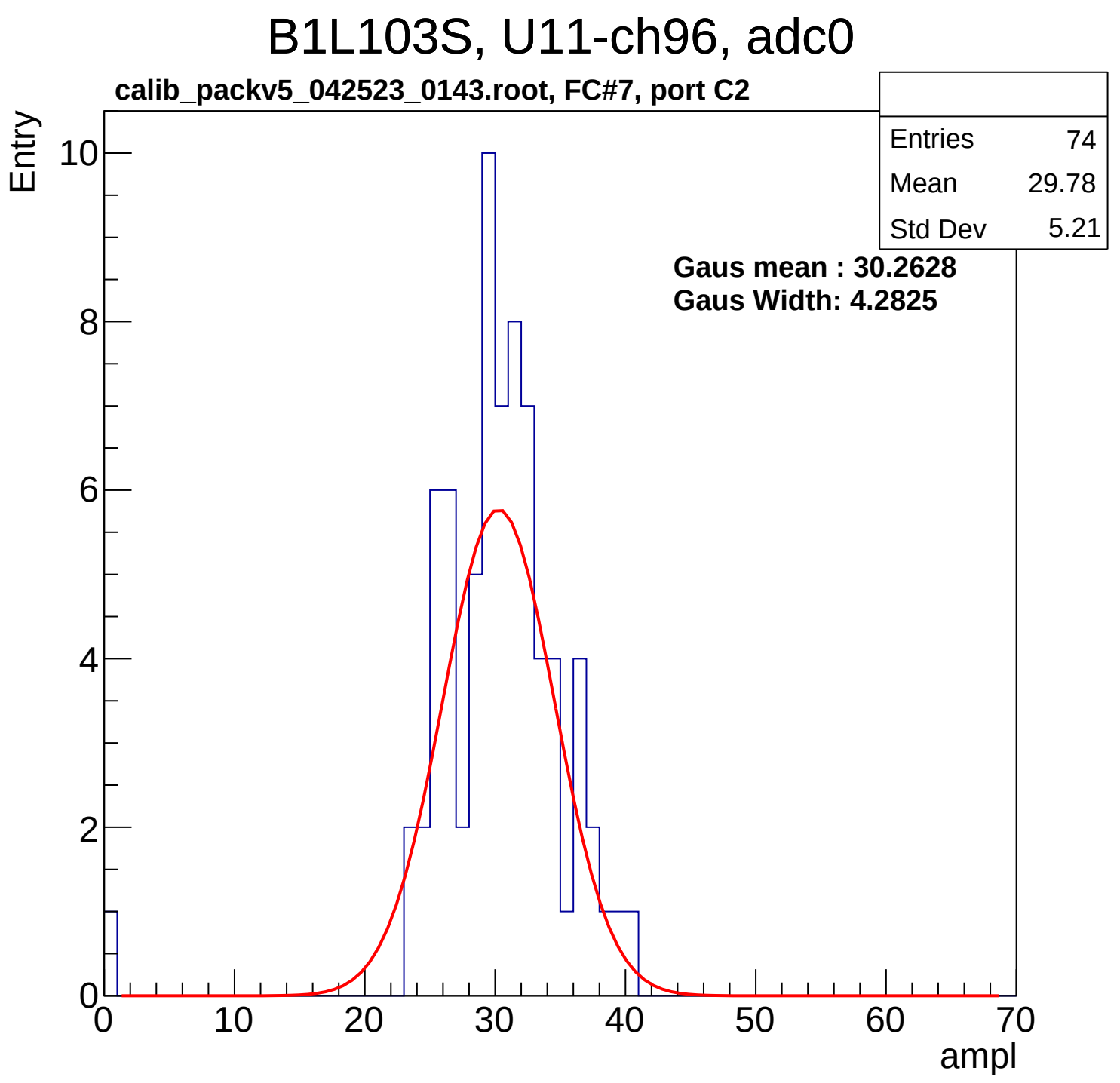
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch96, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 29.78
Std Dev 5.21
Gaus mean : 30.2628
Gaus Width: 4.2825
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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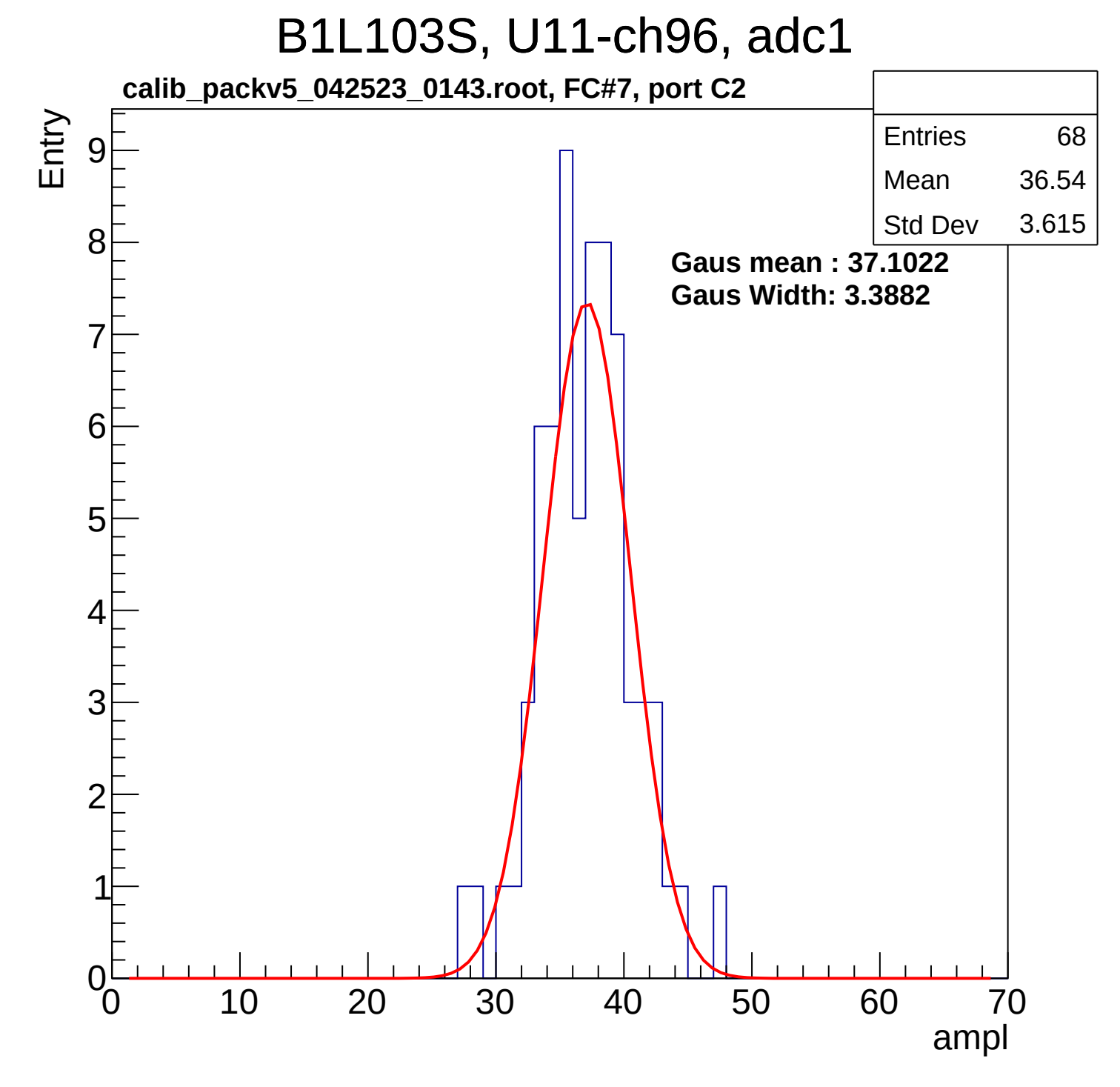
B1L103S, U11-ch96, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 36.54
Std Dev 3.615
Gaus mean : 37.1022
Gaus Width: 3.3882
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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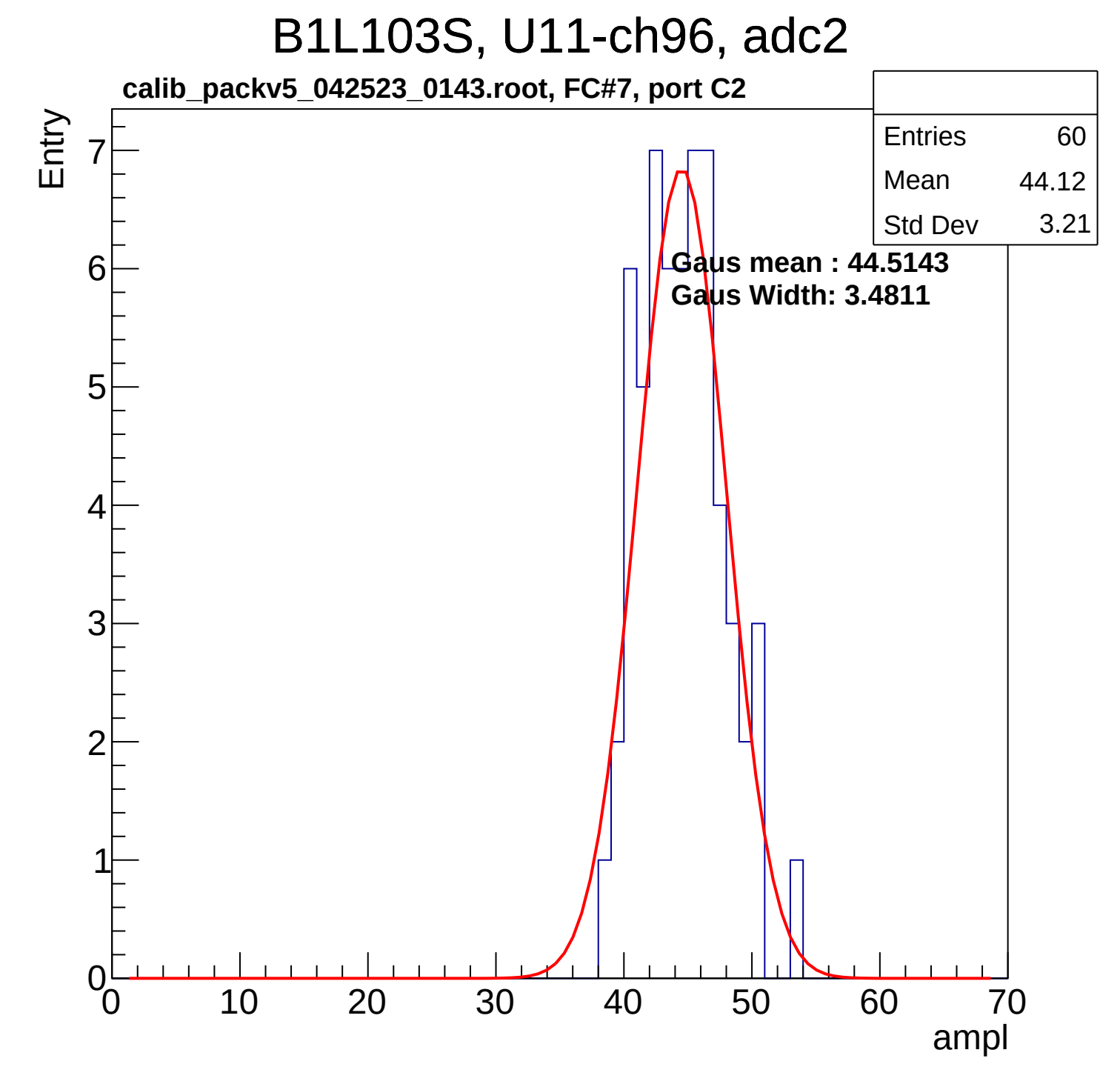
B1L103S, U11-ch96, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 44.12
Std Dev 3.21
Gaus mean : 44.5143
Gaus Width: 3.4811
Entry
ampl
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3
4
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0
10
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60
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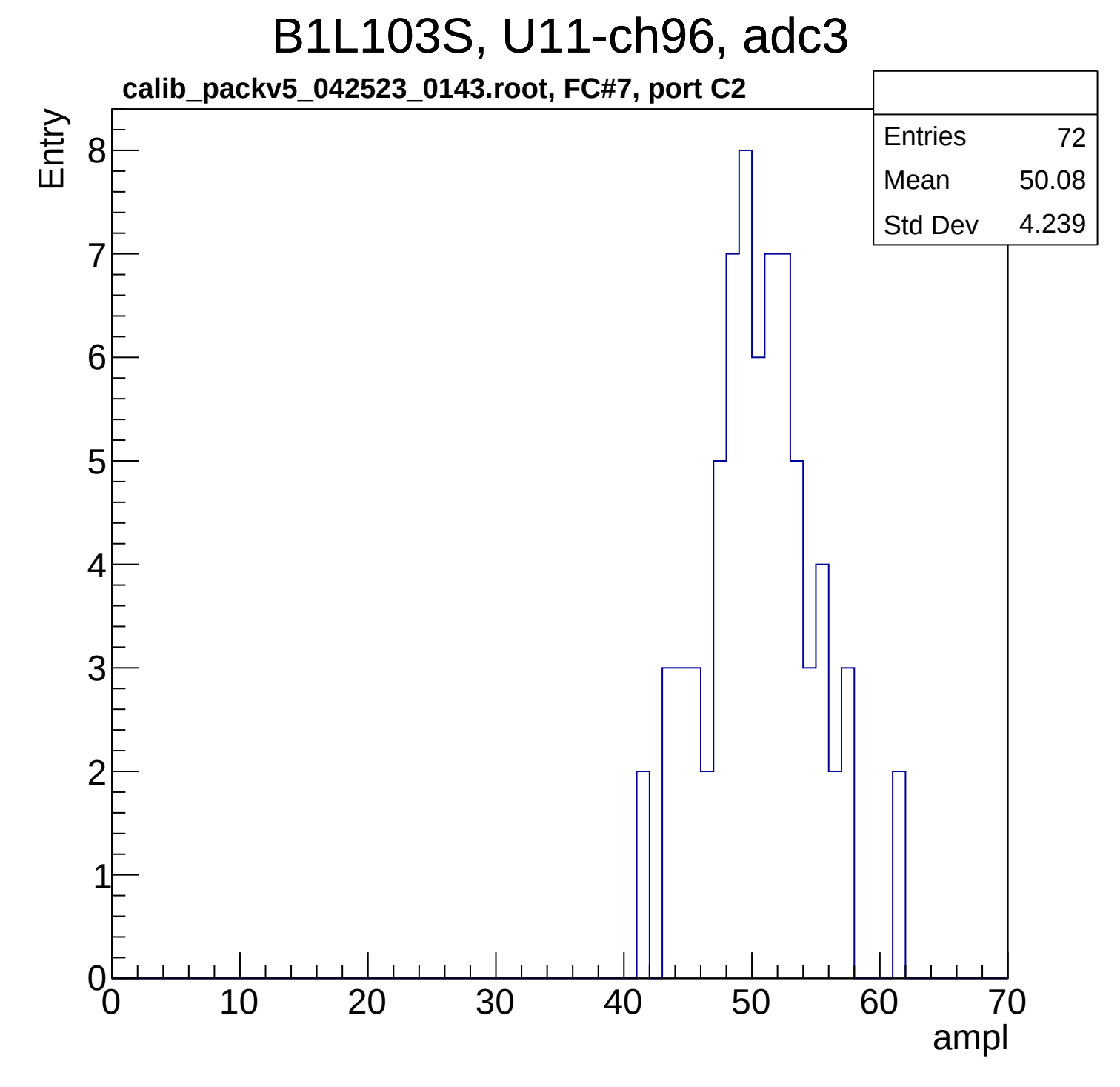
B1L103S, U11-ch96, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 50.08
Std Dev 4.239
Entry
ampl
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1
2
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4
5
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7
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0
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60
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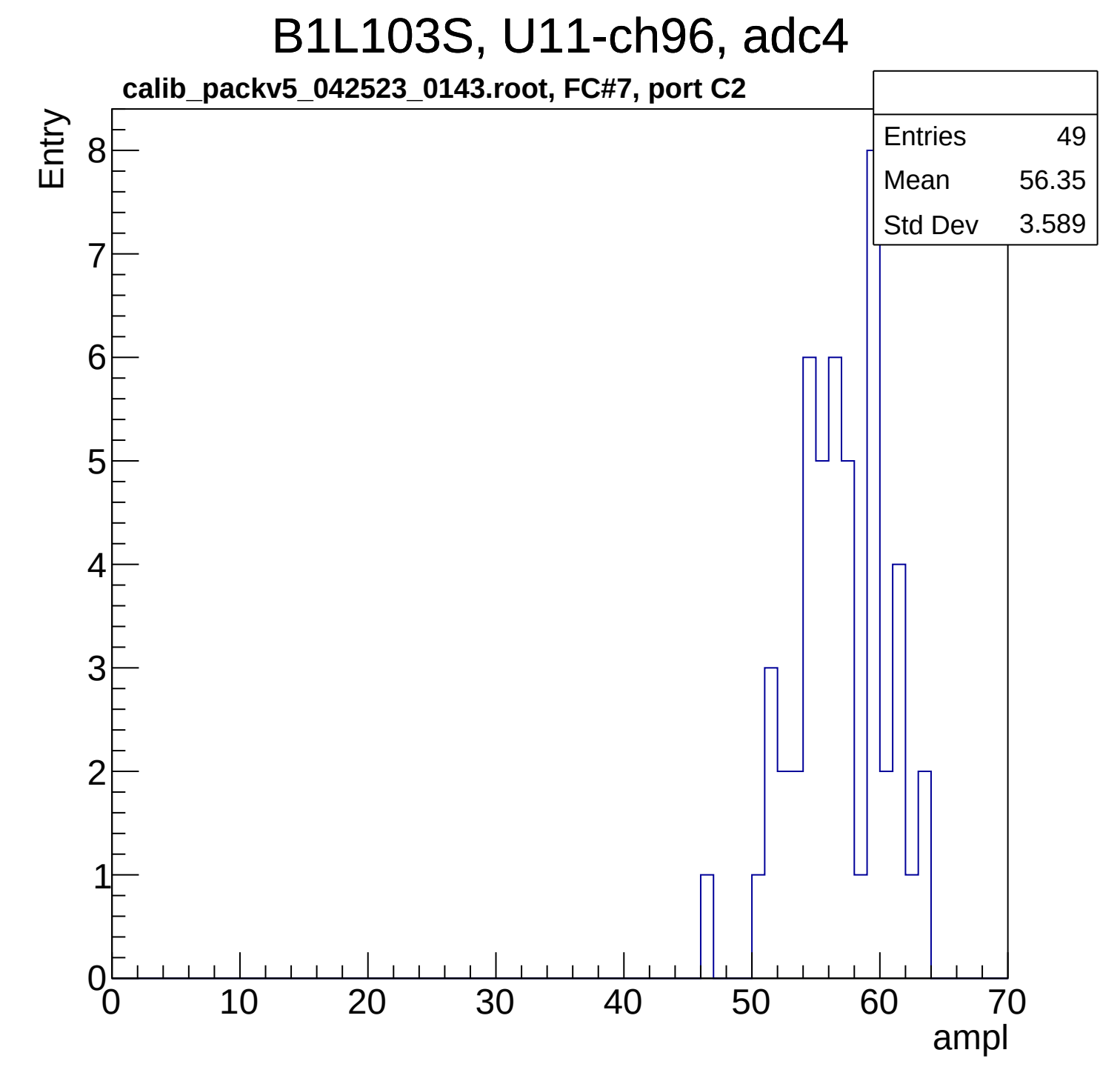
B1L103S, U11-ch96, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 56.35
Std Dev 3.589
Entry
ampl
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2
3
4
5
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0
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60
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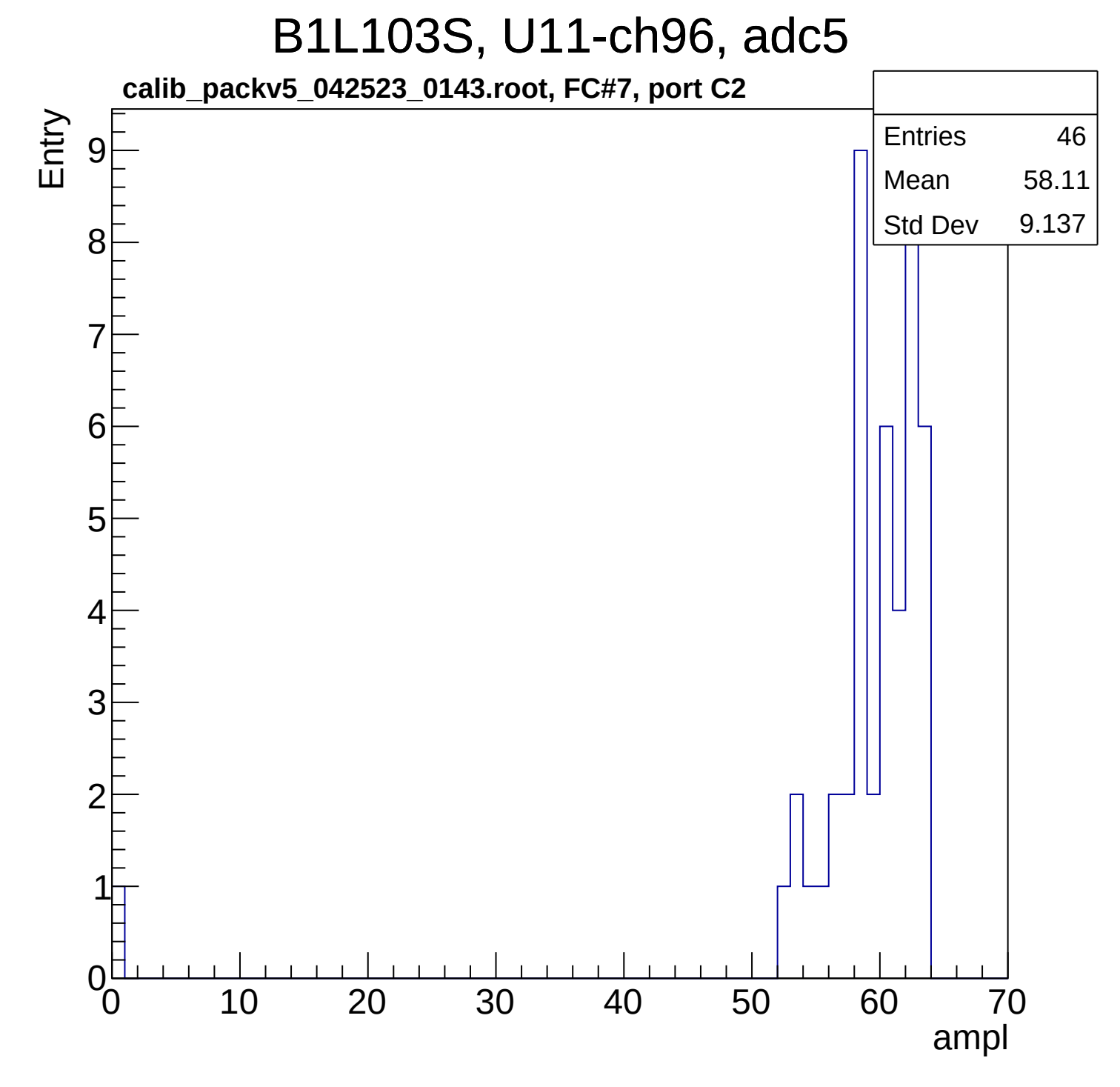
B1L103S, U11-ch96, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 46
Mean 58.11
Std Dev 9.137
Entry
ampl
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3
4
5
6
7
8
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0
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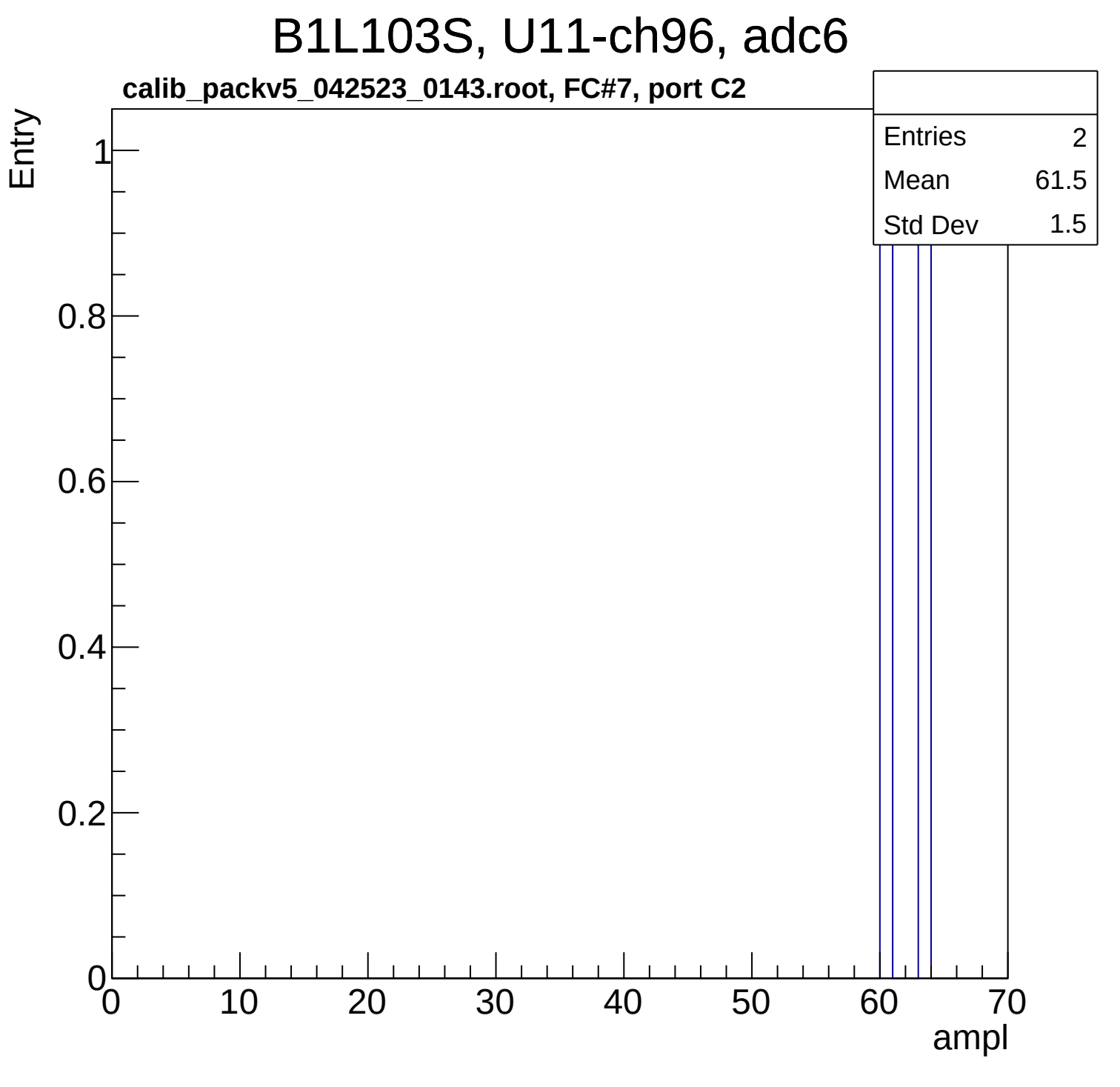
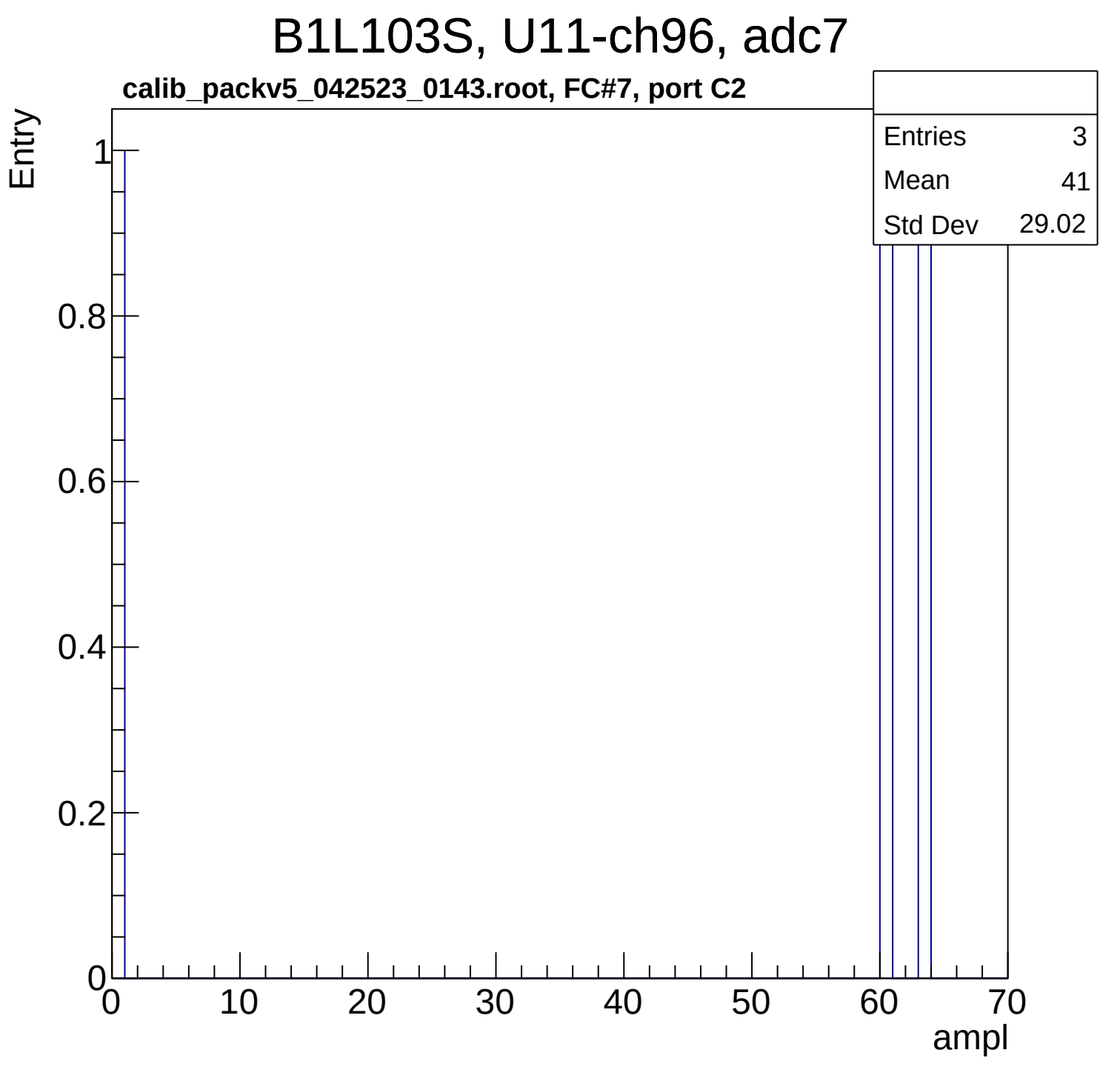
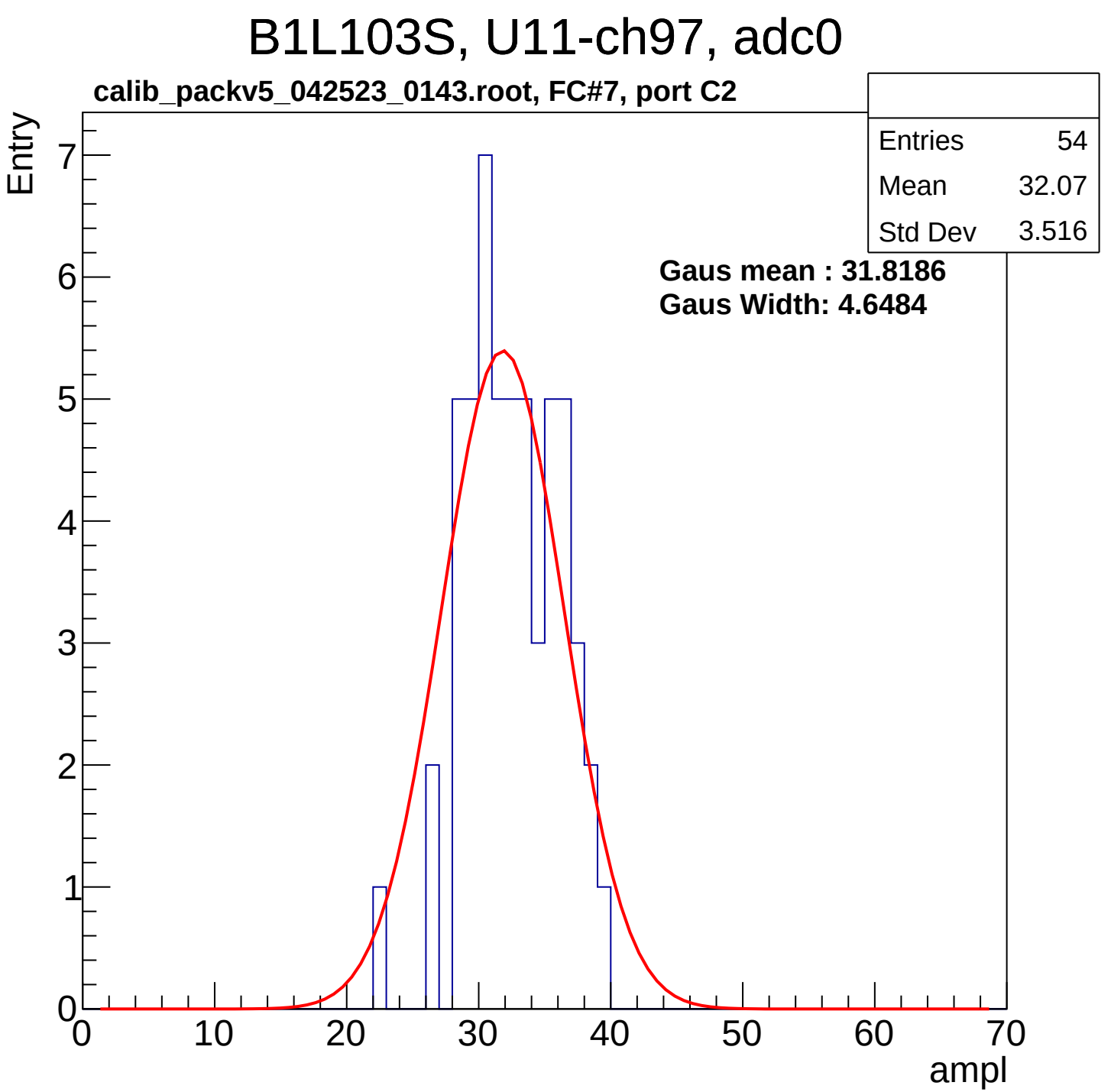

B1L103S, U11-ch96, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 61.5
Std Dev 1.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch96, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 41
Std Dev 29.02
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch97, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 32.07
Std Dev 3.516
Gaus mean : 31.8186
Gaus Width: 4.6484
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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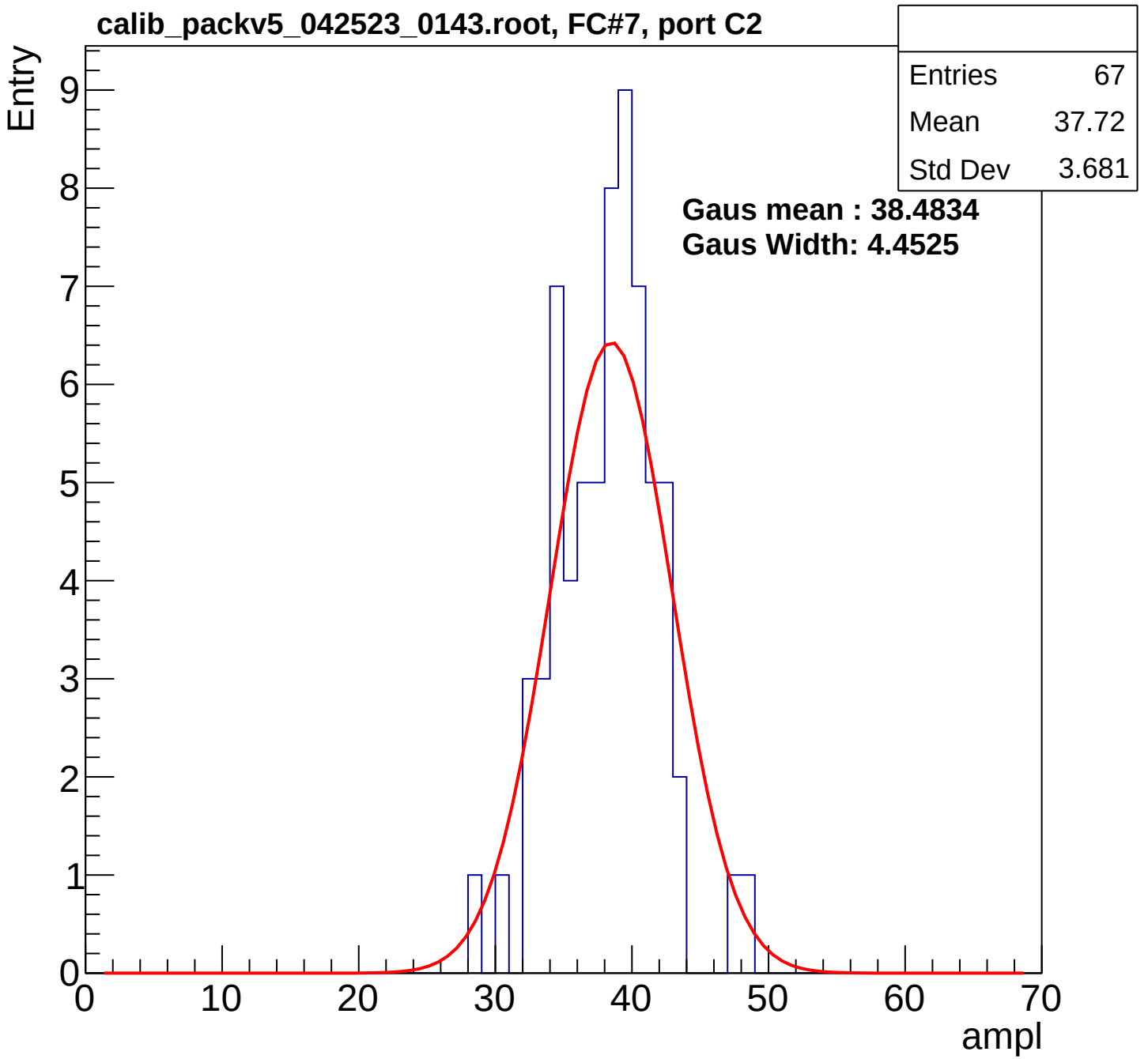
B1L103S, U11-ch97, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 37.72
Std Dev 3.681
Gaus mean : 38.4834
Gaus Width: 4.4525
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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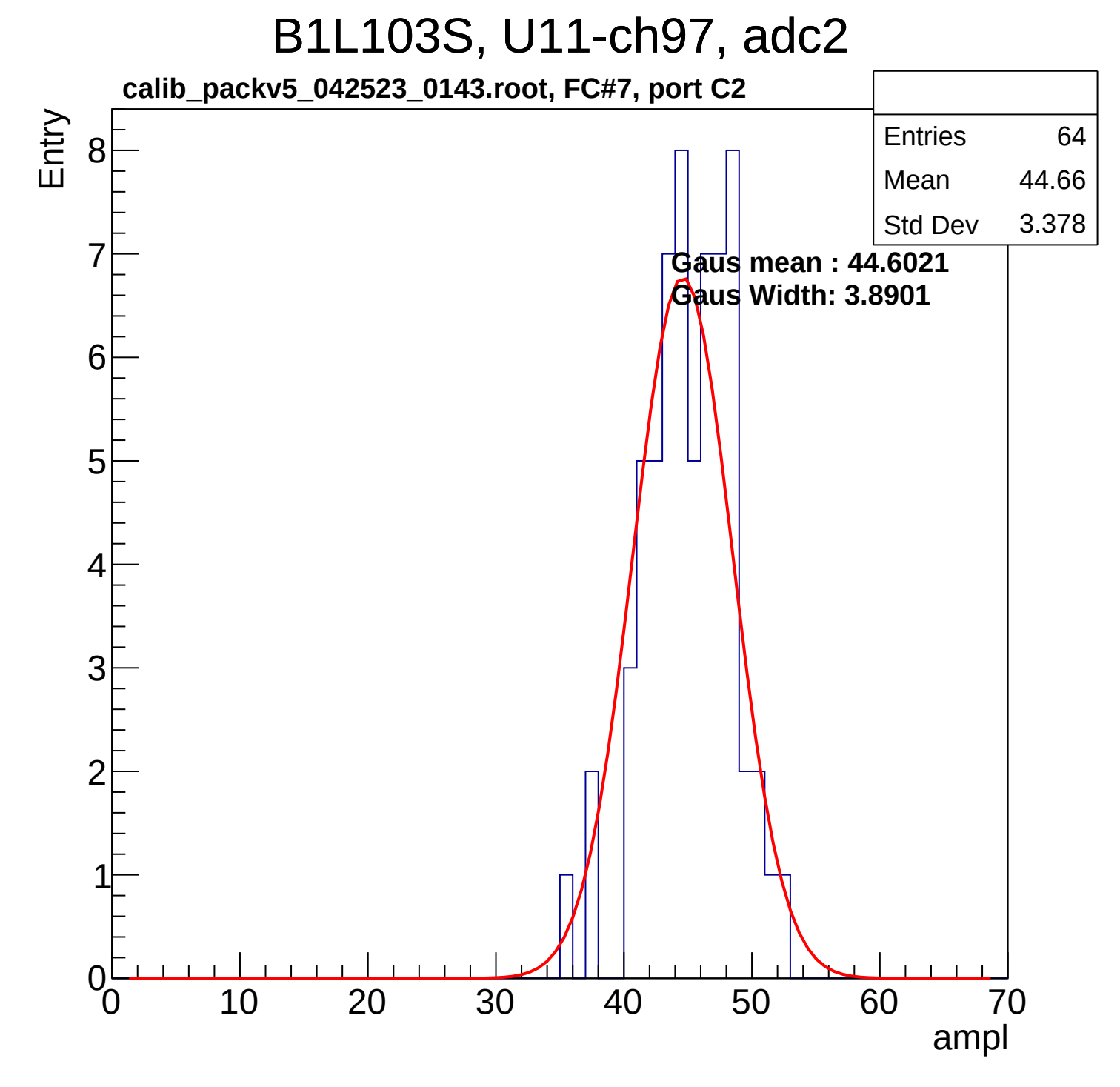
B1L103S, U11-ch97, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 44.66
Std Dev 3.378
Gaus mean : 44.6021
Gaus Width: 3.8901
Entry
ampl
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1
2
3
4
5
6
7
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0
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60
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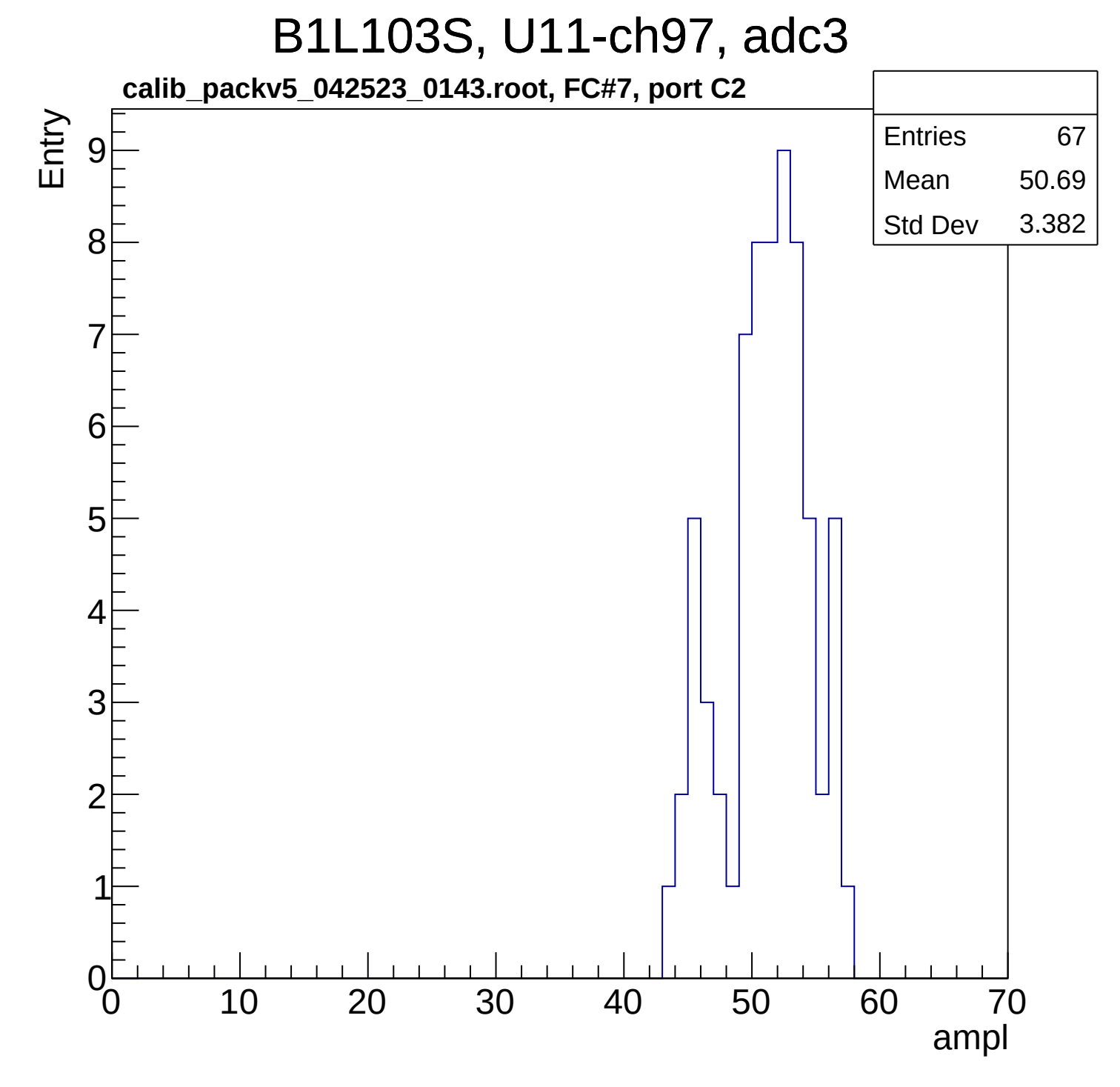
B1L103S, U11-ch97, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 50.69
Std Dev 3.382
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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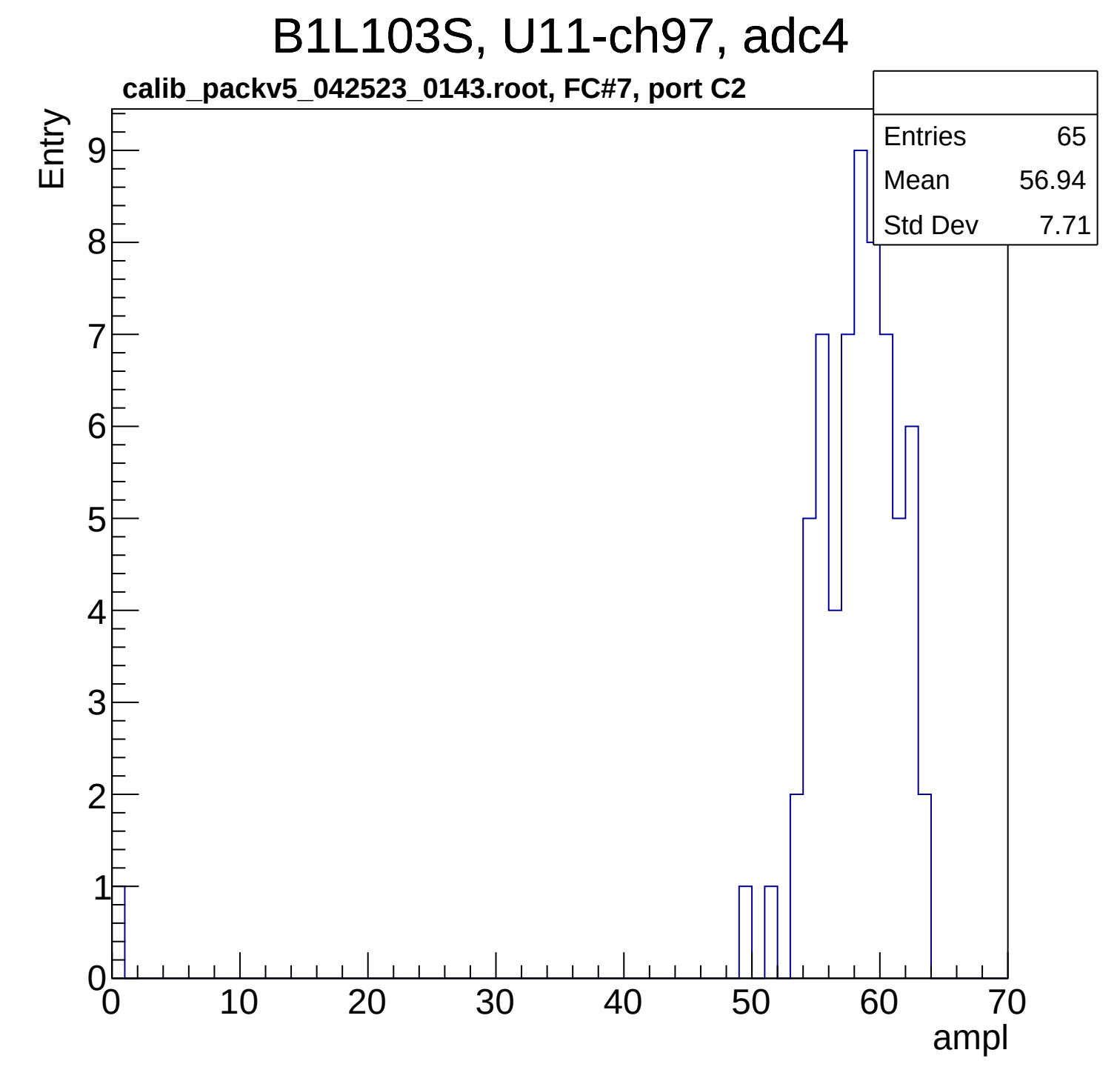
B1L103S, U11-ch97, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 56.94
Std Dev 7.71
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
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20
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40
50
60
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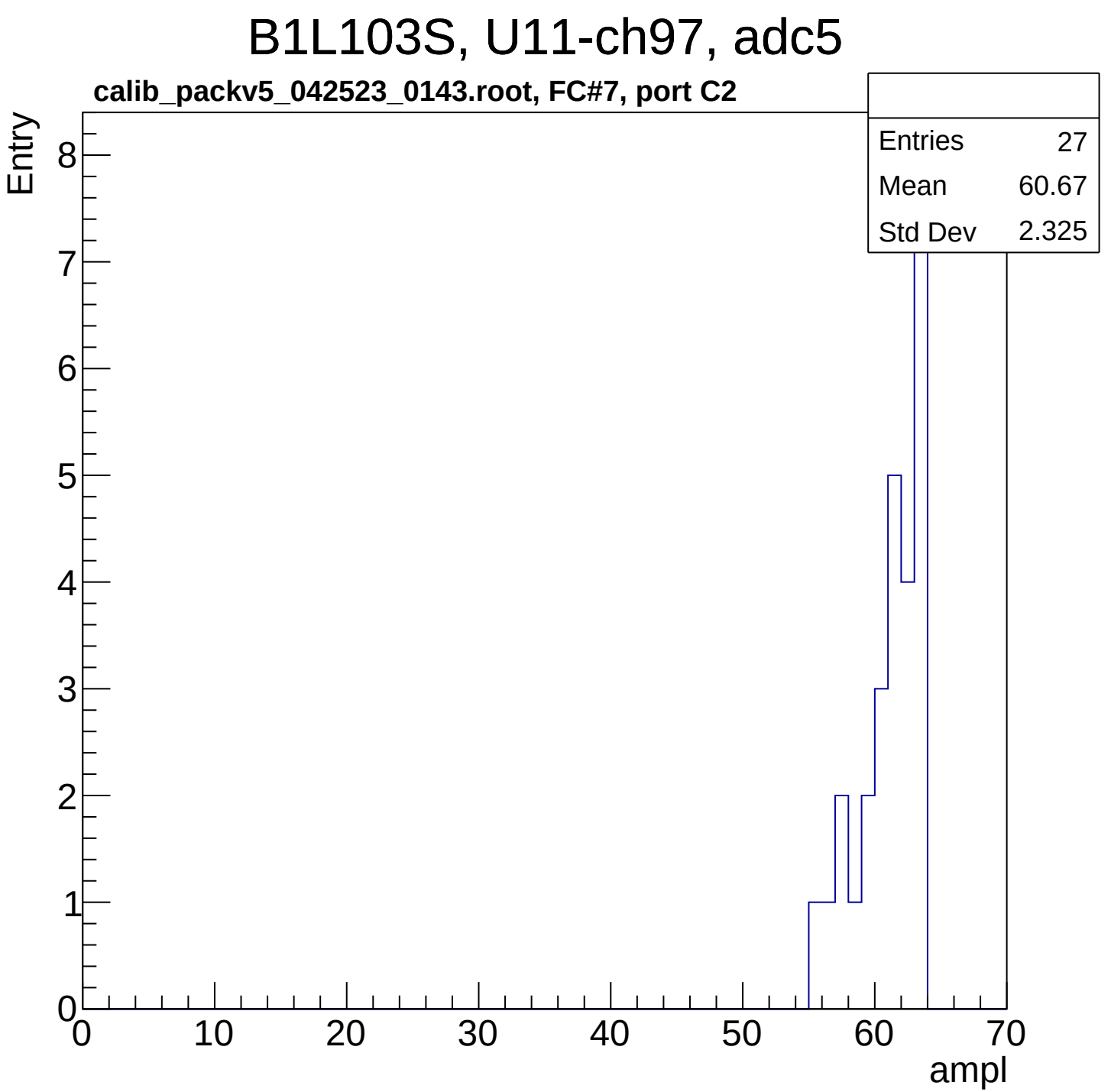
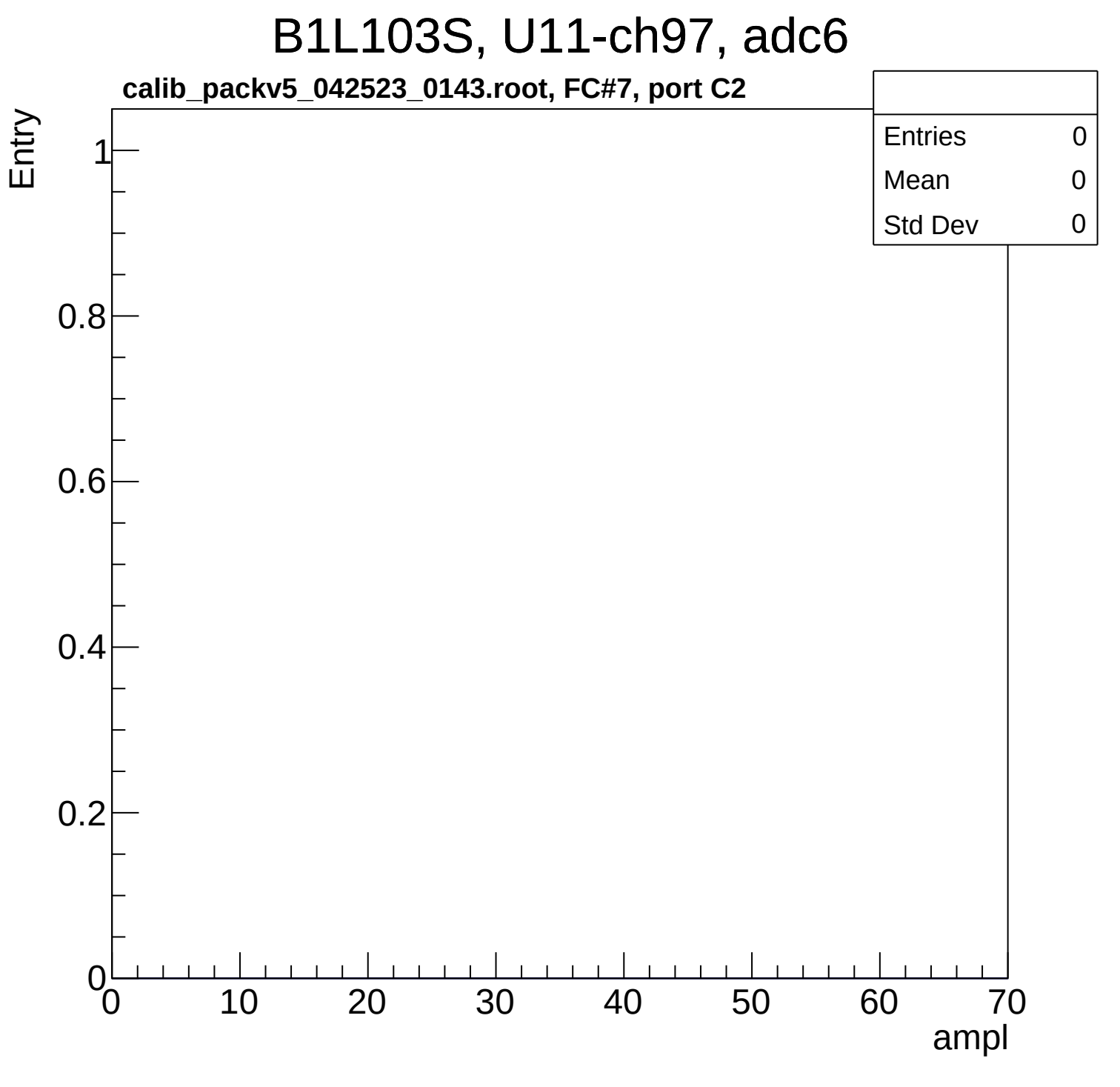
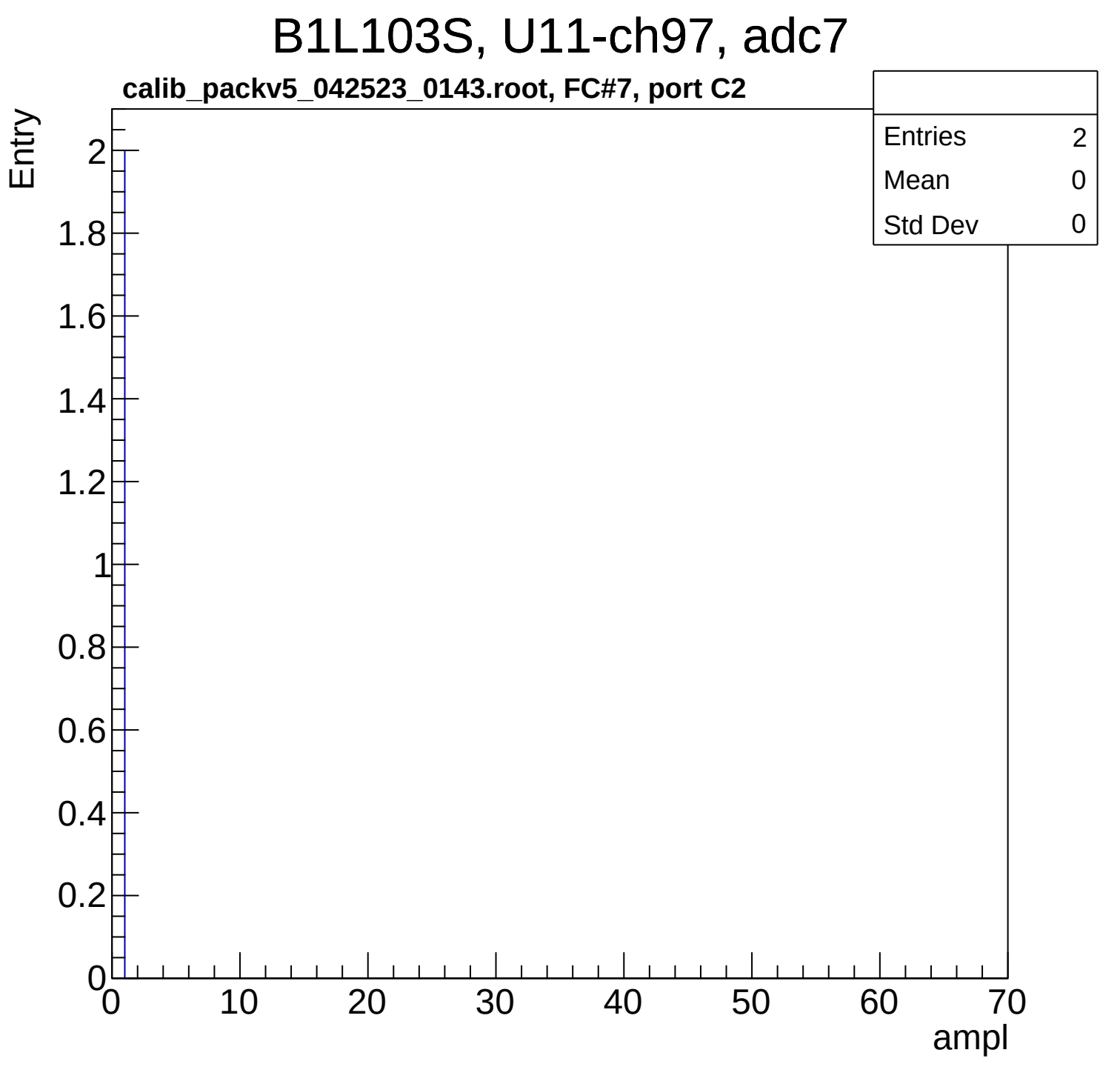
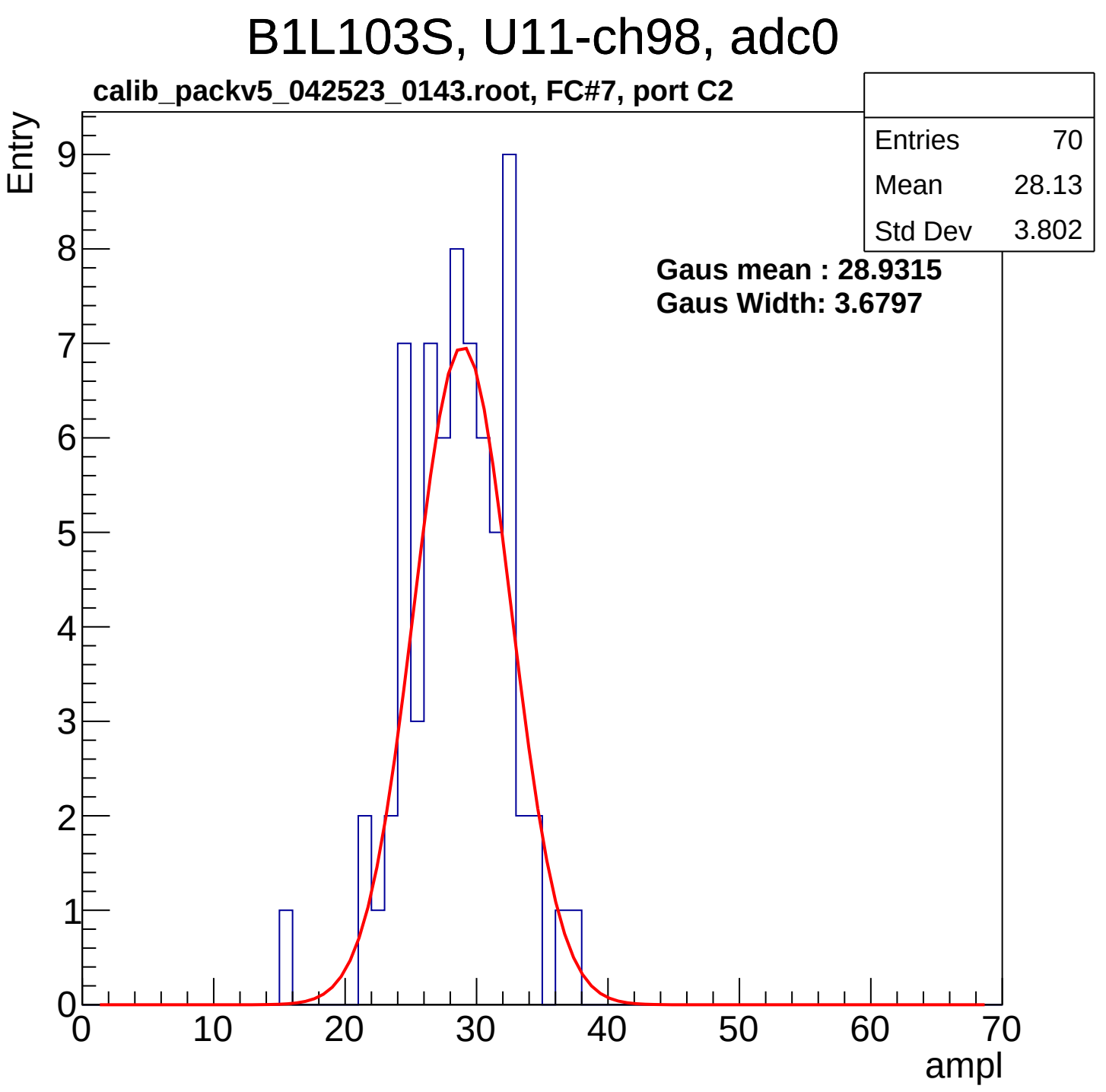
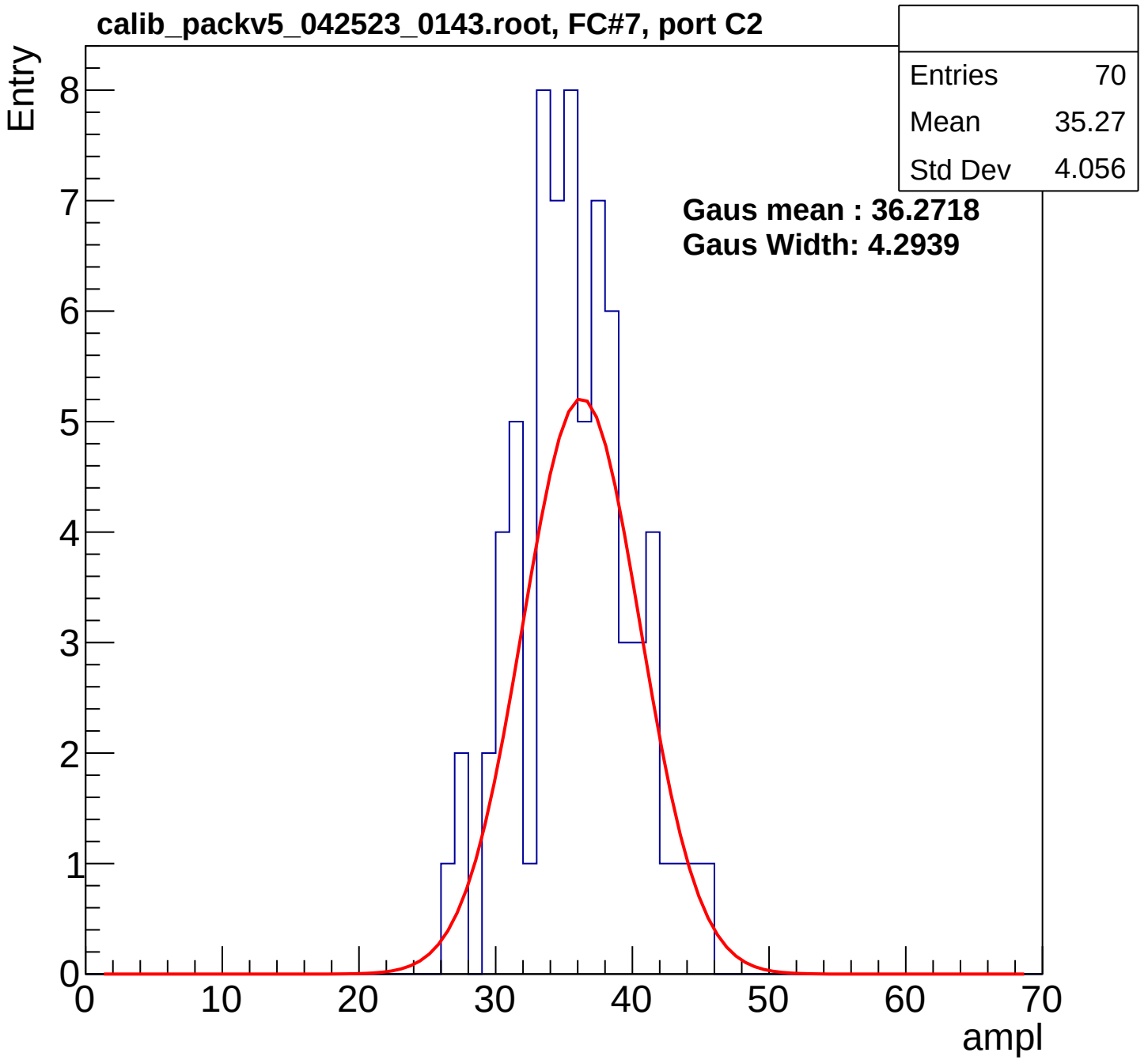

B1L103S, U11-ch97, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 27
Mean 60.67
Std Dev 2.325
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch97, adc6
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch97, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch98, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 28.13
Std Dev 3.802
Gaus mean : 28.9315
Gaus Width: 3.6797
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch98, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 35.27
Std Dev 4.056
Gaus mean : 36.2718
Gaus Width: 4.2939
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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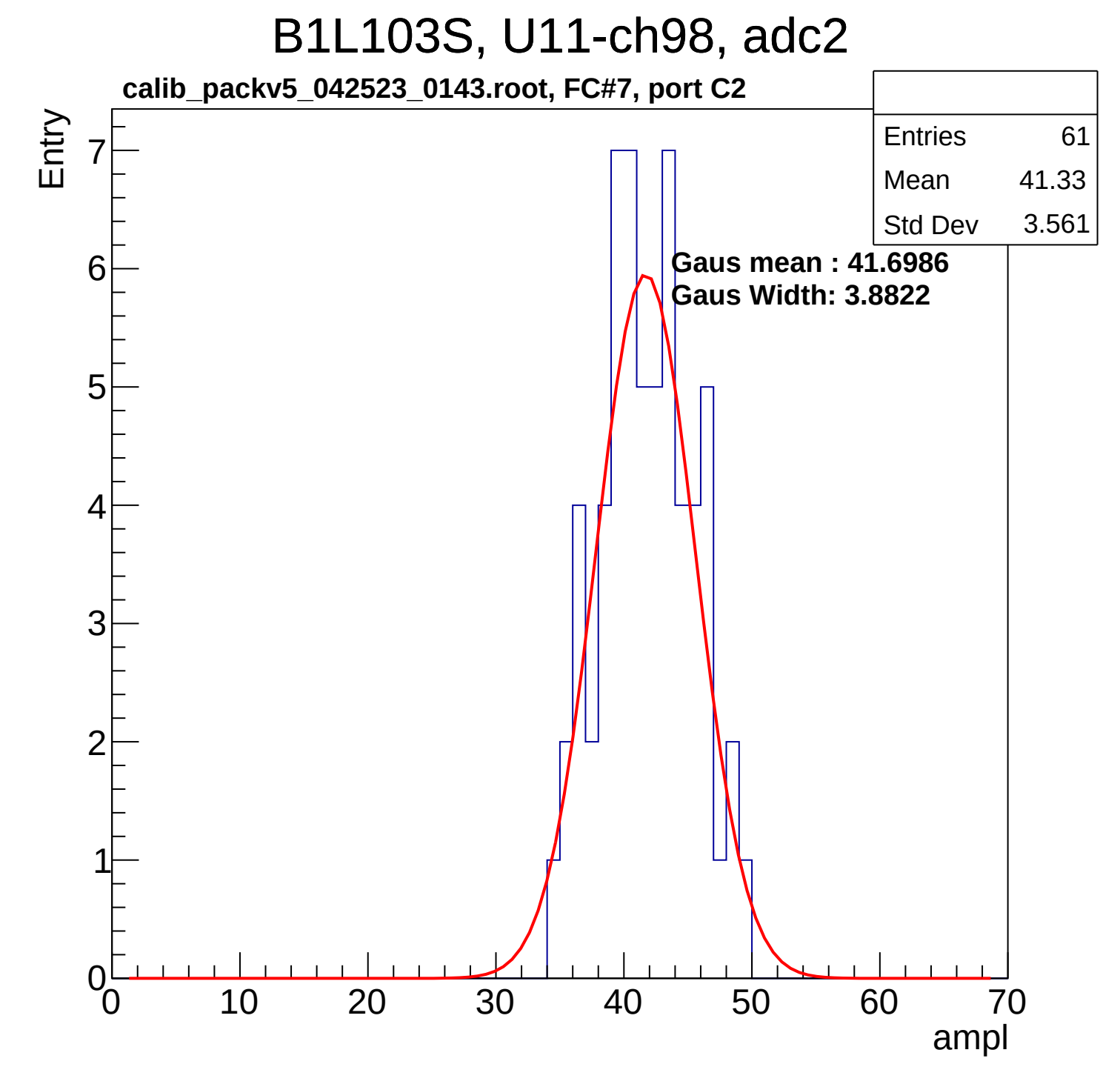
B1L103S, U11-ch98, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 41.33
Std Dev 3.561
Gaus mean : 41.6986
Gaus Width: 3.8822
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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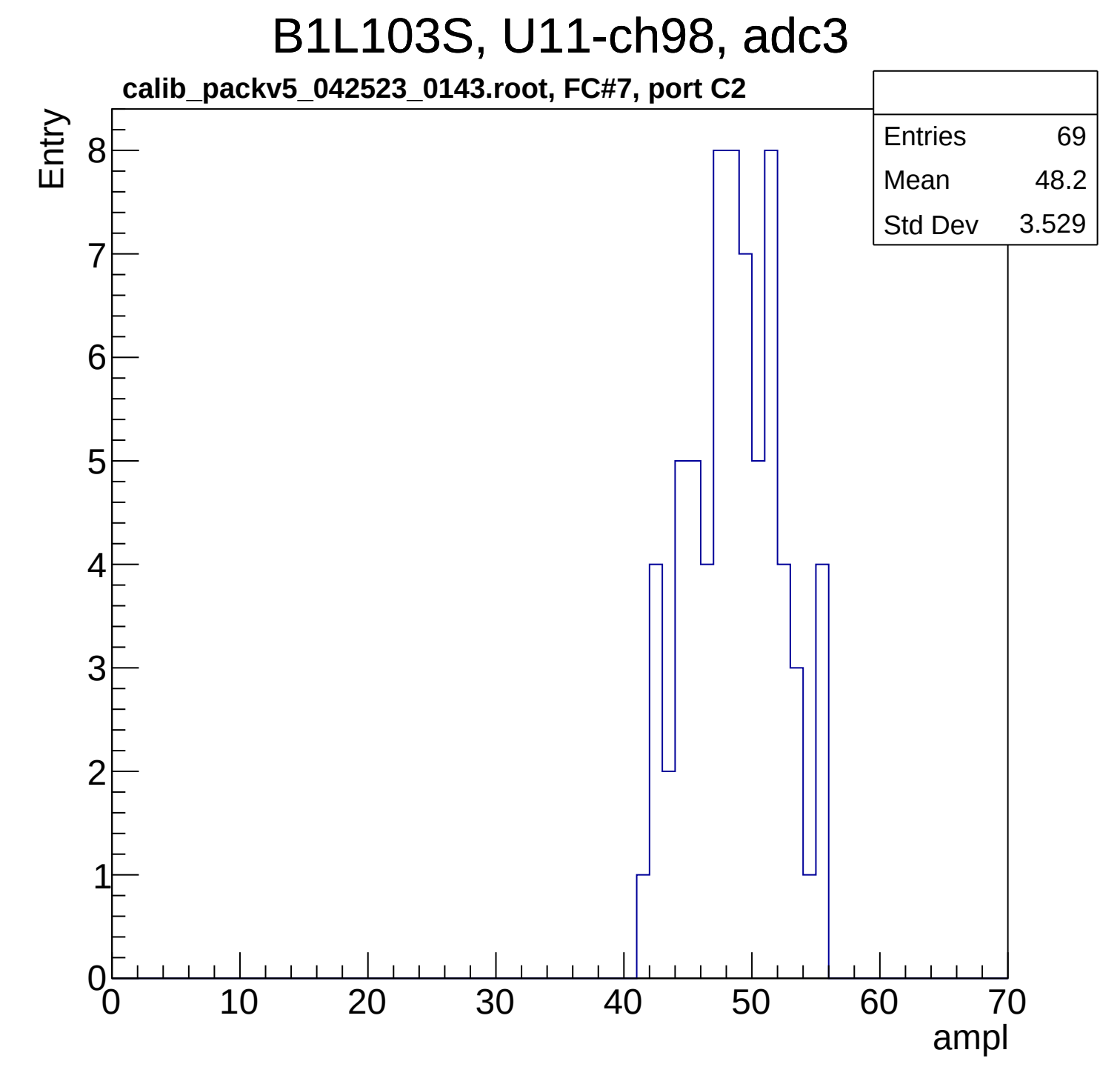
B1L103S, U11-ch98, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 48.2
Std Dev 3.529
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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60
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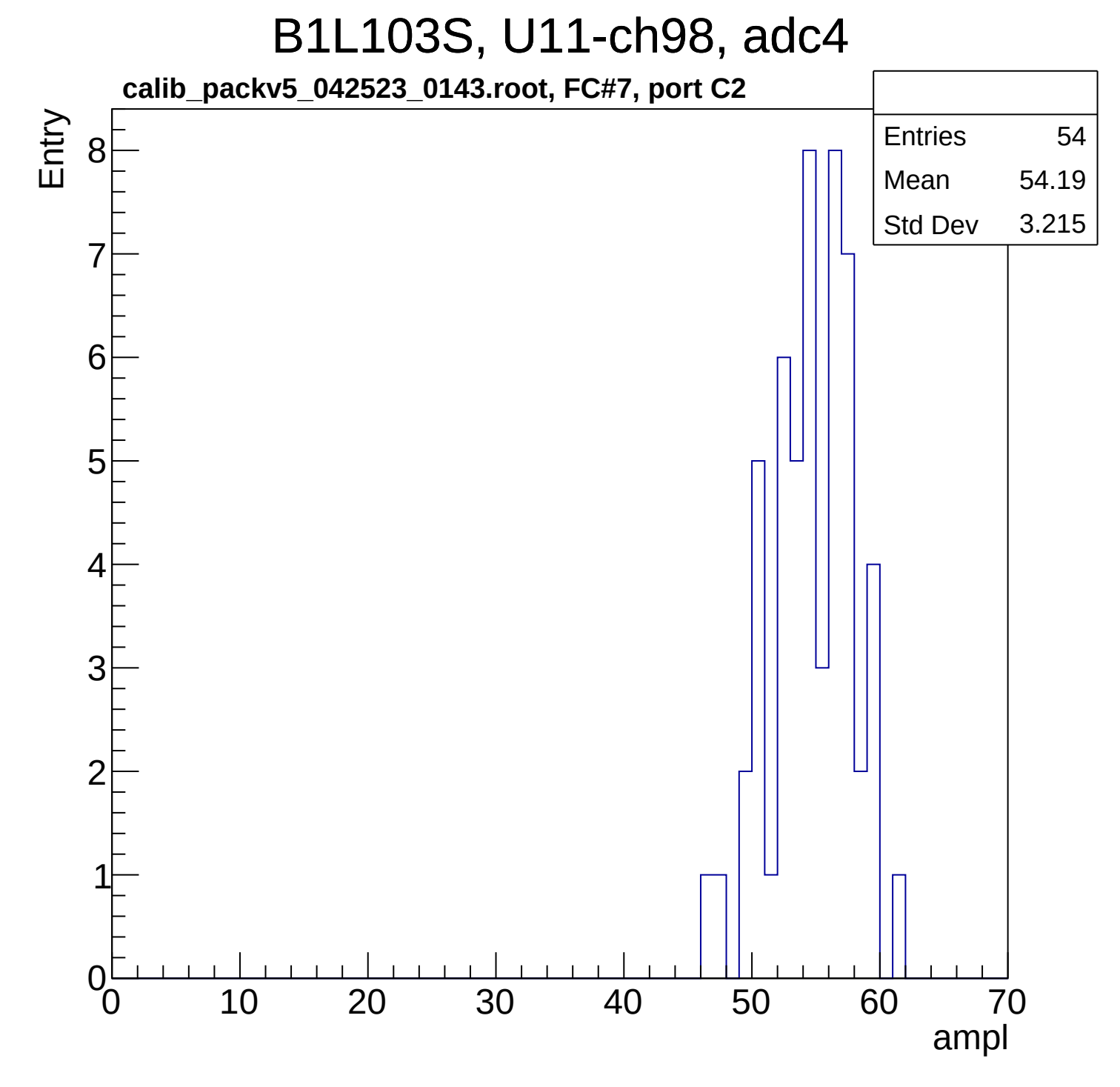
B1L103S, U11-ch98, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 54.19
Std Dev 3.215
Entry
ampl
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1
2
3
4
5
6
7
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0
10
20
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40
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60
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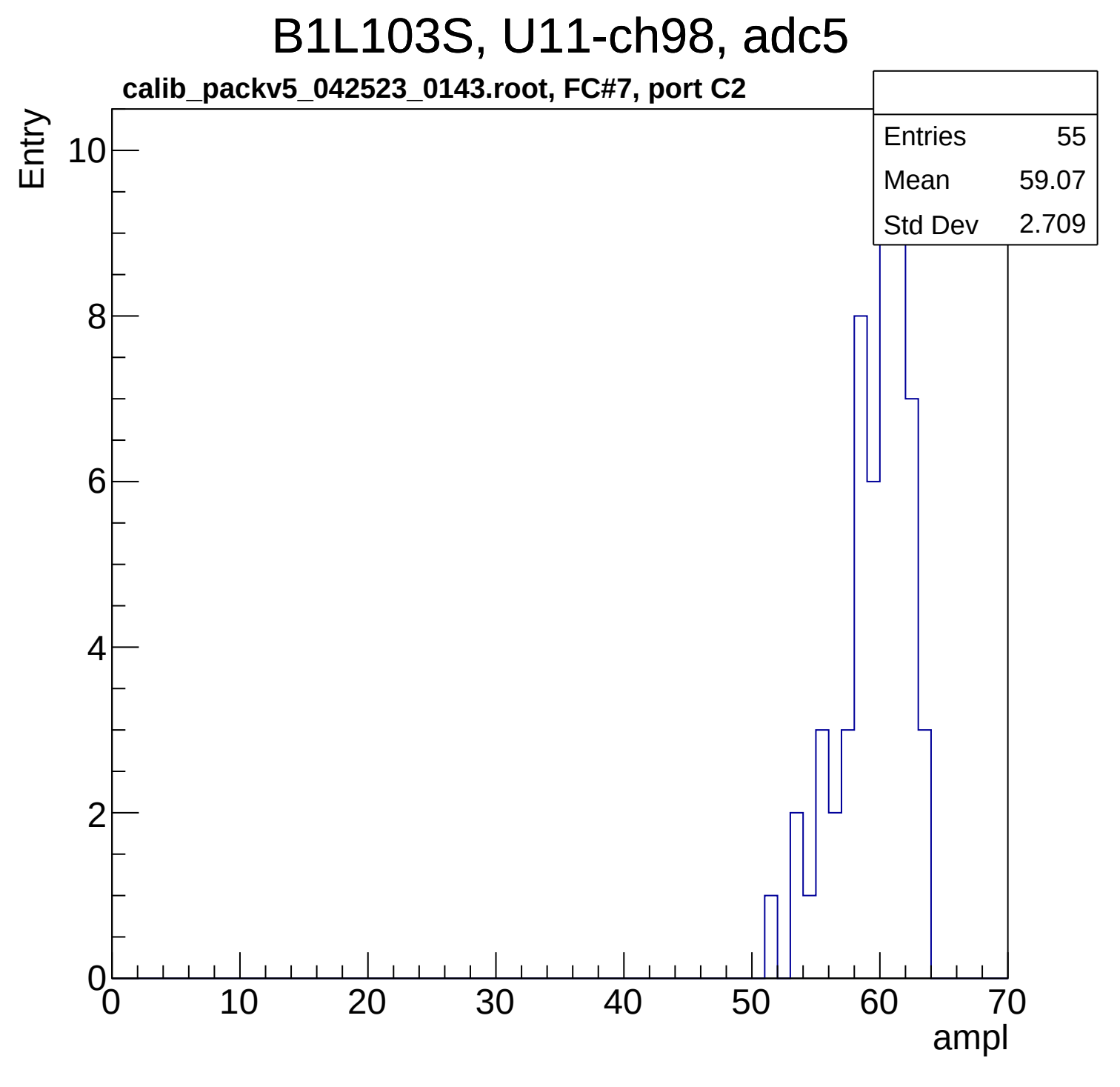
B1L103S, U11-ch98, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 59.07
Std Dev 2.709
Entry
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2
4
6
8
10
0
10
20
30
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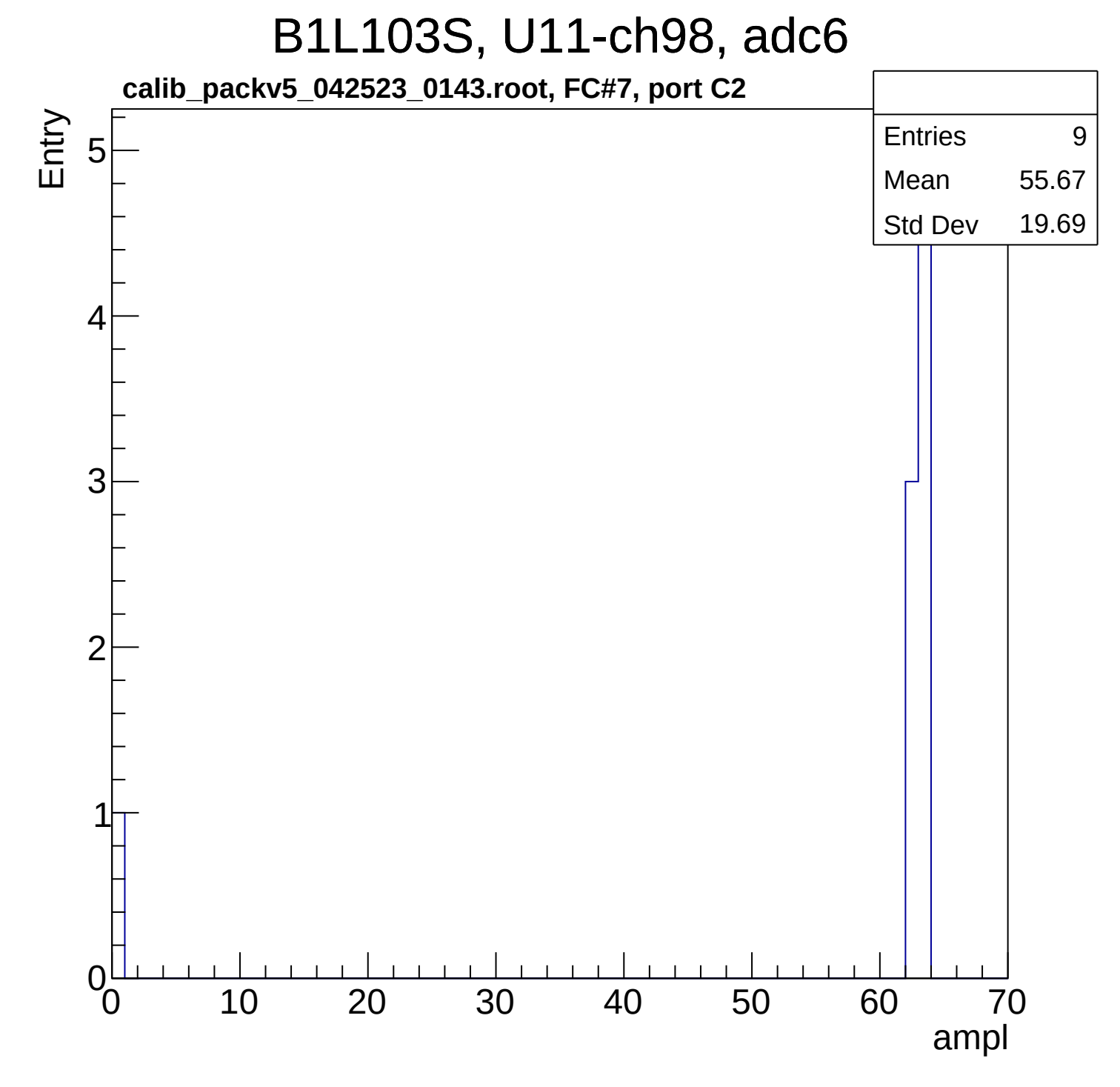
50
60
70
ampl


B1L103S, U11-ch98, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 9
Mean 55.67
Std Dev 19.69
Entry
ampl
0
1
2
3
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5
0
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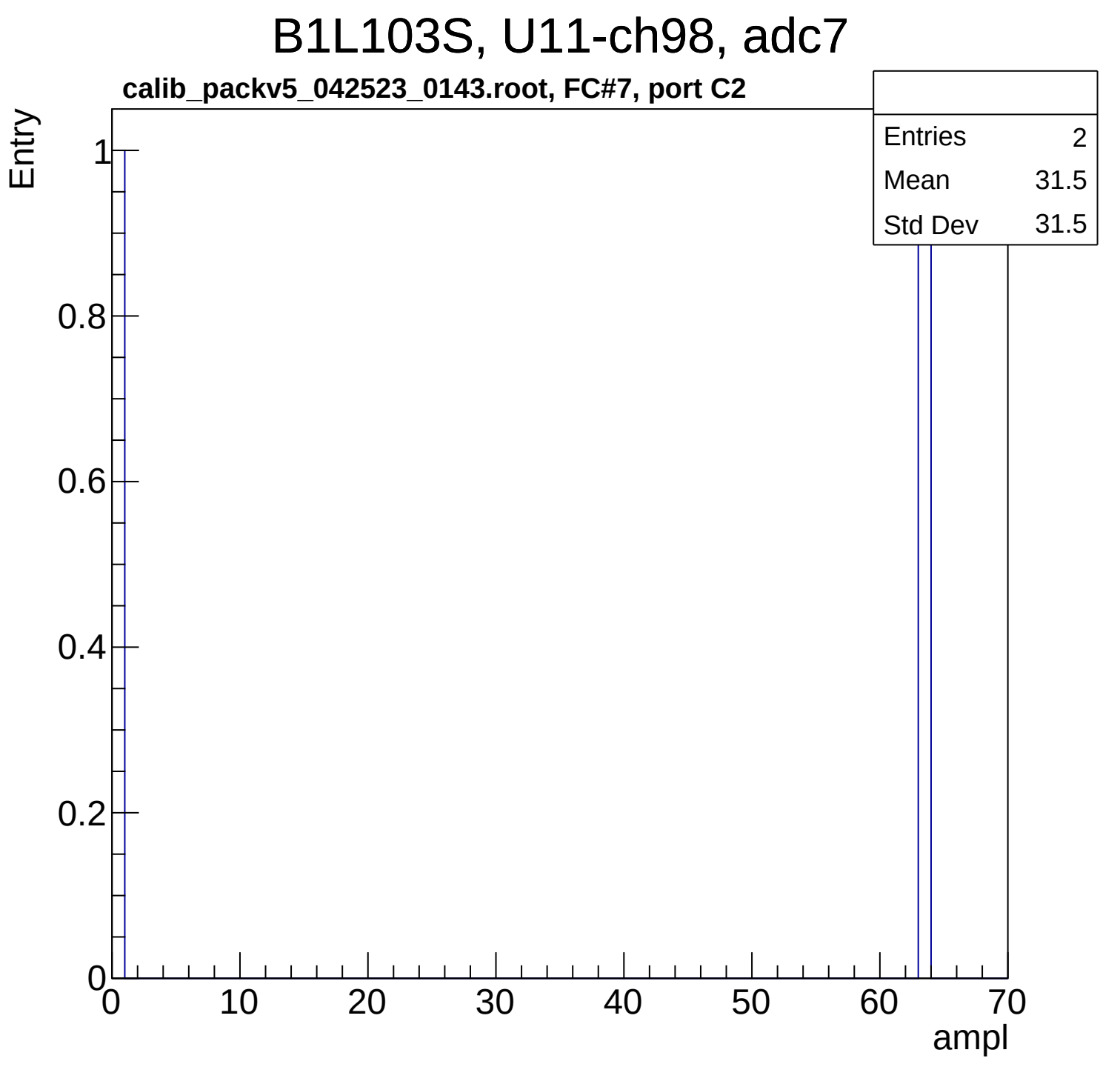
20
30
40
50
60
70


B1L103S, U11-ch98, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 31.5
Std Dev 31.5
Entry
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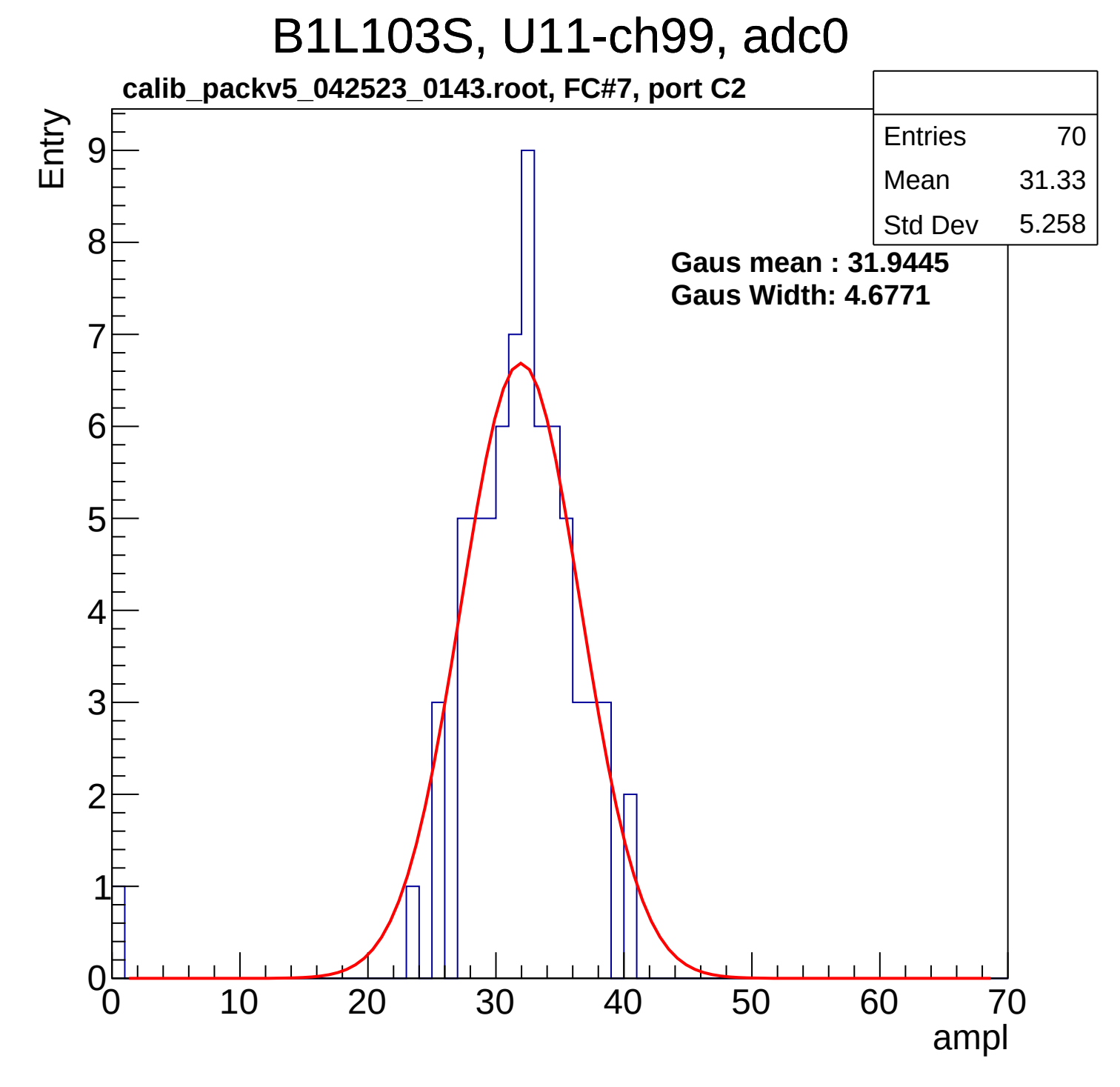
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch99, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 31.33
Std Dev 5.258
Gaus mean : 31.9445
Gaus Width: 4.6771
Entry
ampl
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2
3
4
5
6
7
8
9
0
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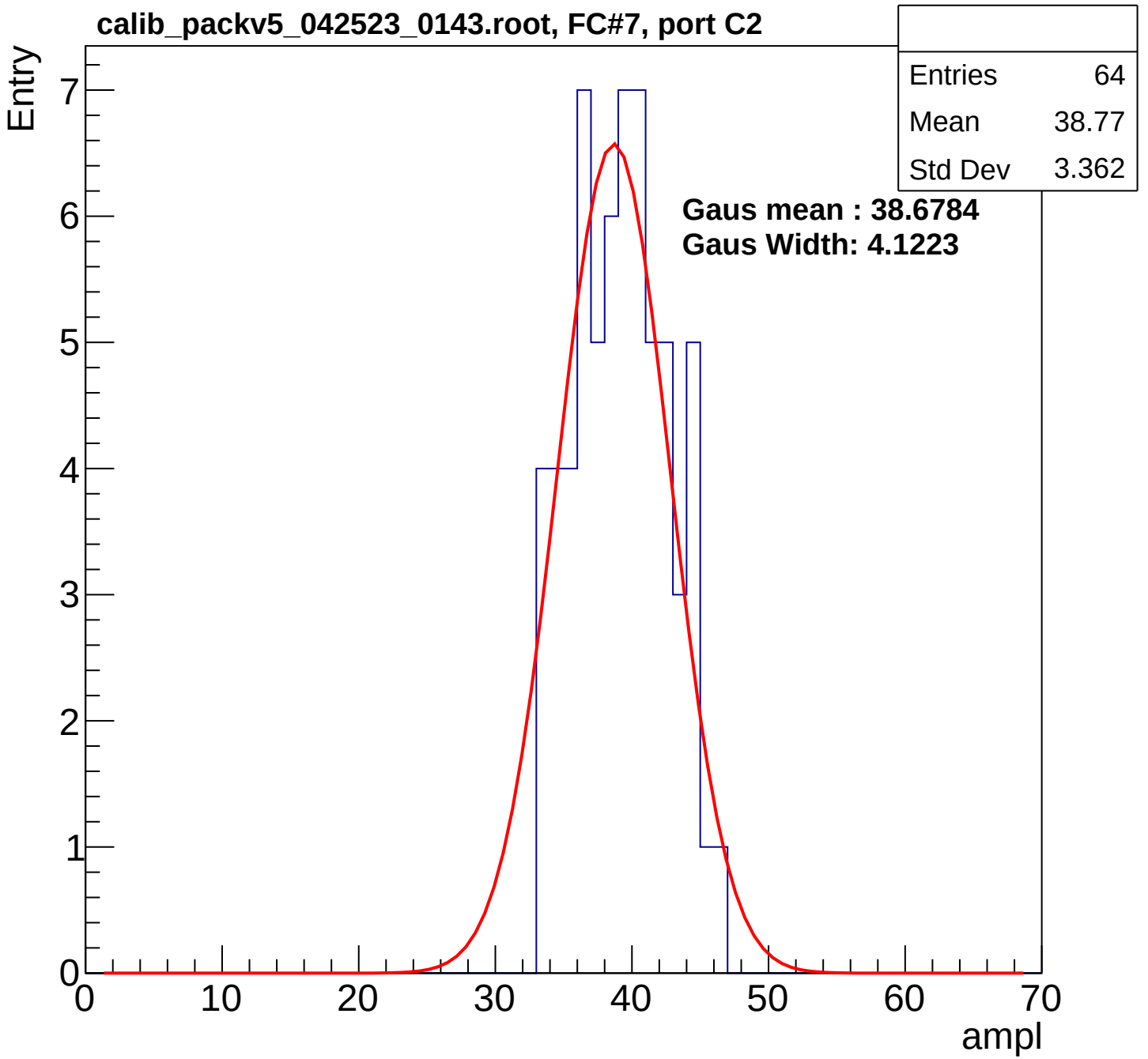
20
30
40
50
60
70


B1L103S, U11-ch99, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 38.77
Std Dev 3.362
Gaus mean : 38.6784
Gaus Width: 4.1223
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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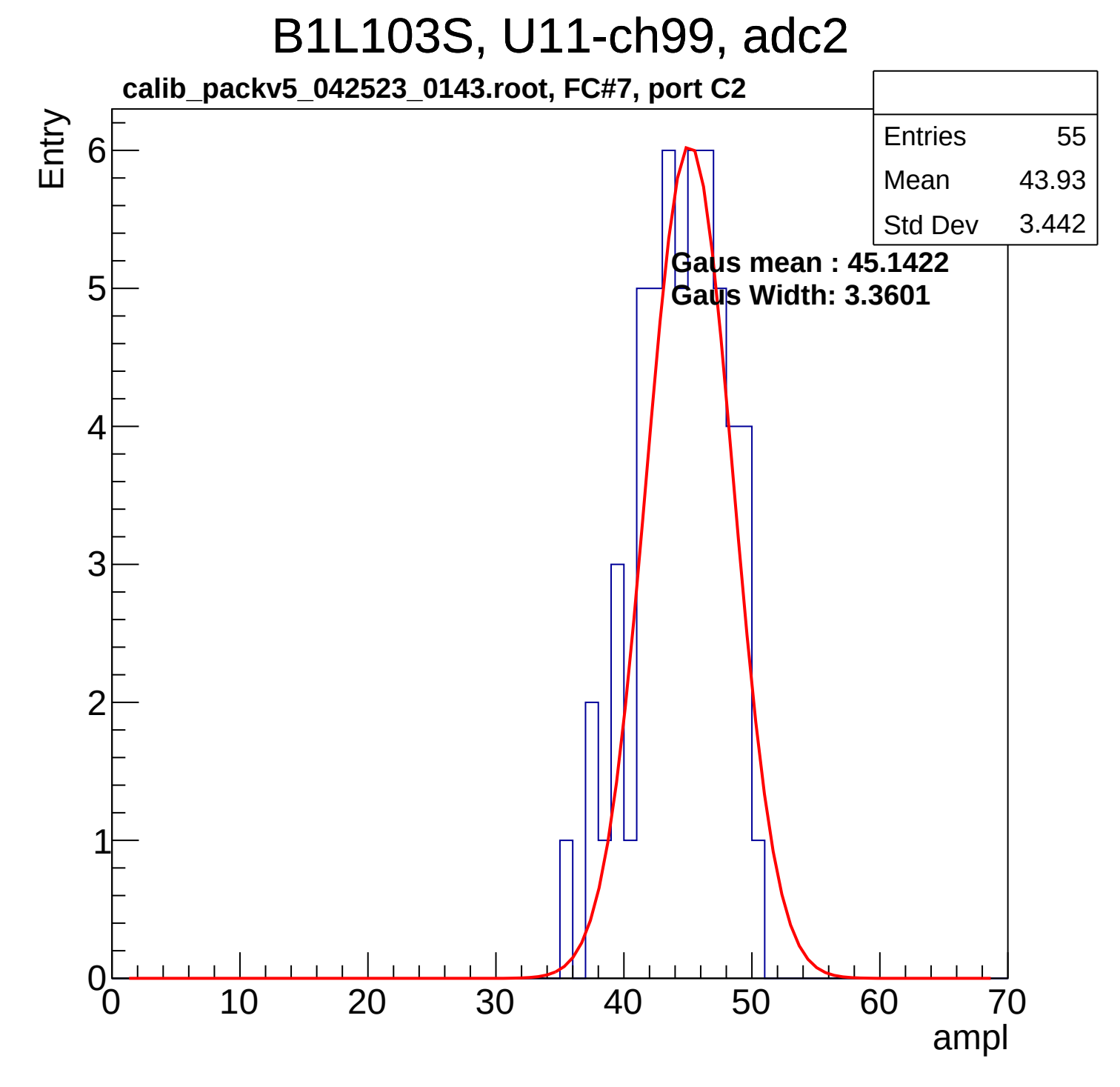
B1L103S, U11-ch99, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 43.93
Std Dev 3.442
Gaus mean : 45.1422
Gaus Width: 3.3601
Entry
ampl
0
1
2
3
4
5
6
0
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20
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40
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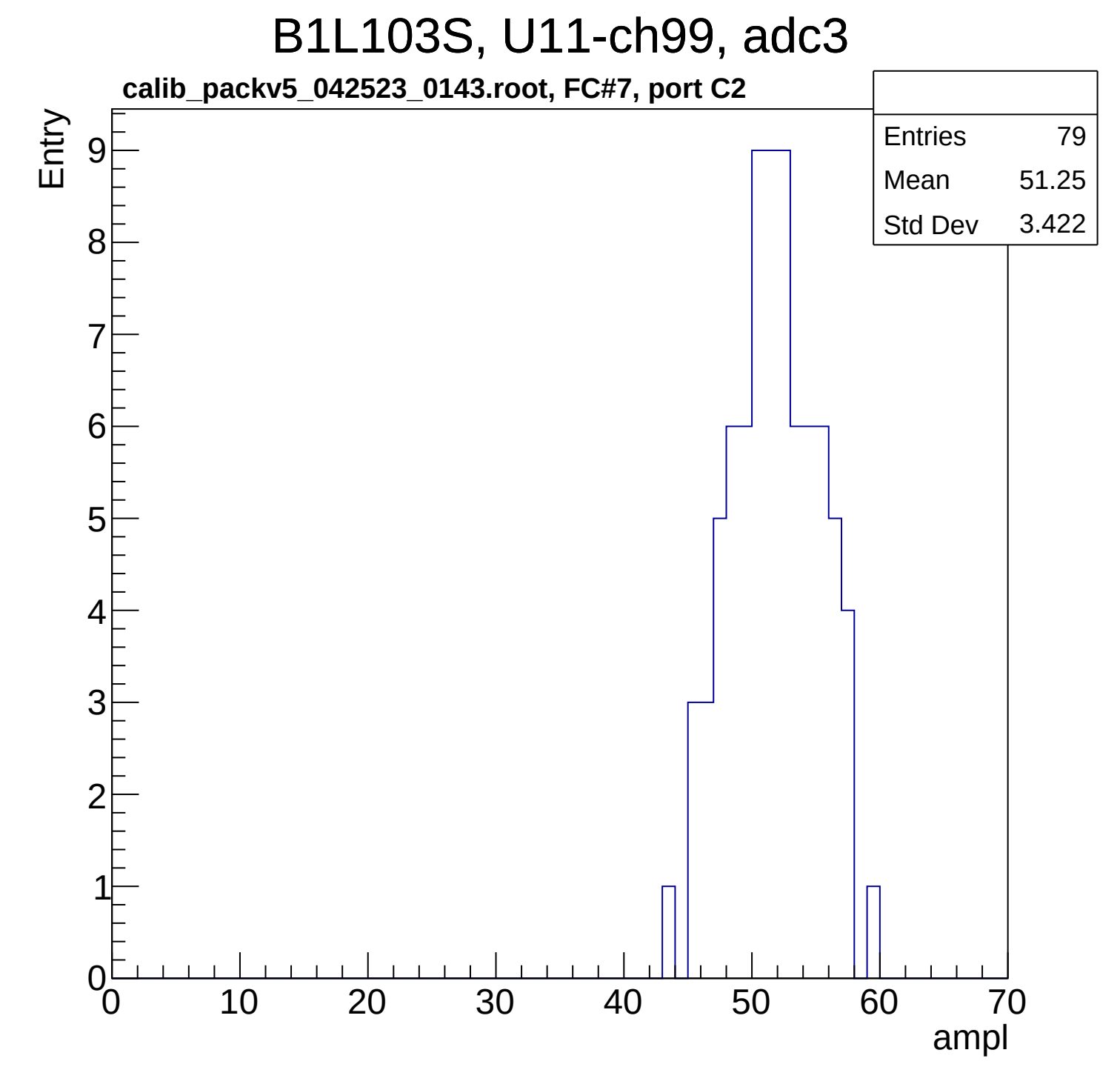
60
70


B1L103S, U11-ch99, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 79
Mean 51.25
Std Dev 3.422
Entry
ampl
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3
4
5
6
7
8
9
0
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60
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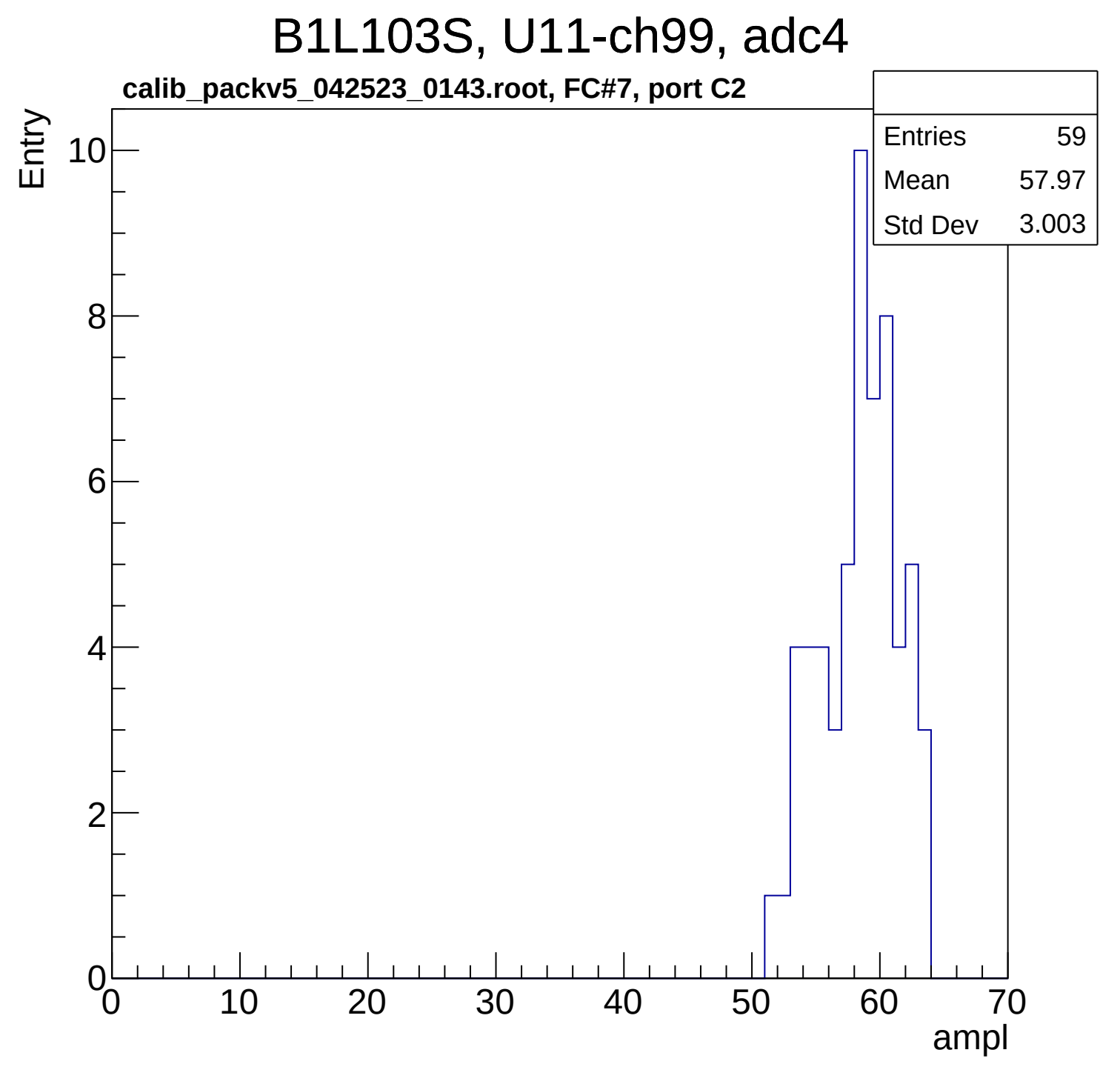
B1L103S, U11-ch99, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 57.97
Std Dev 3.003
Entry
ampl
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4
6
8
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0
10
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40
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60
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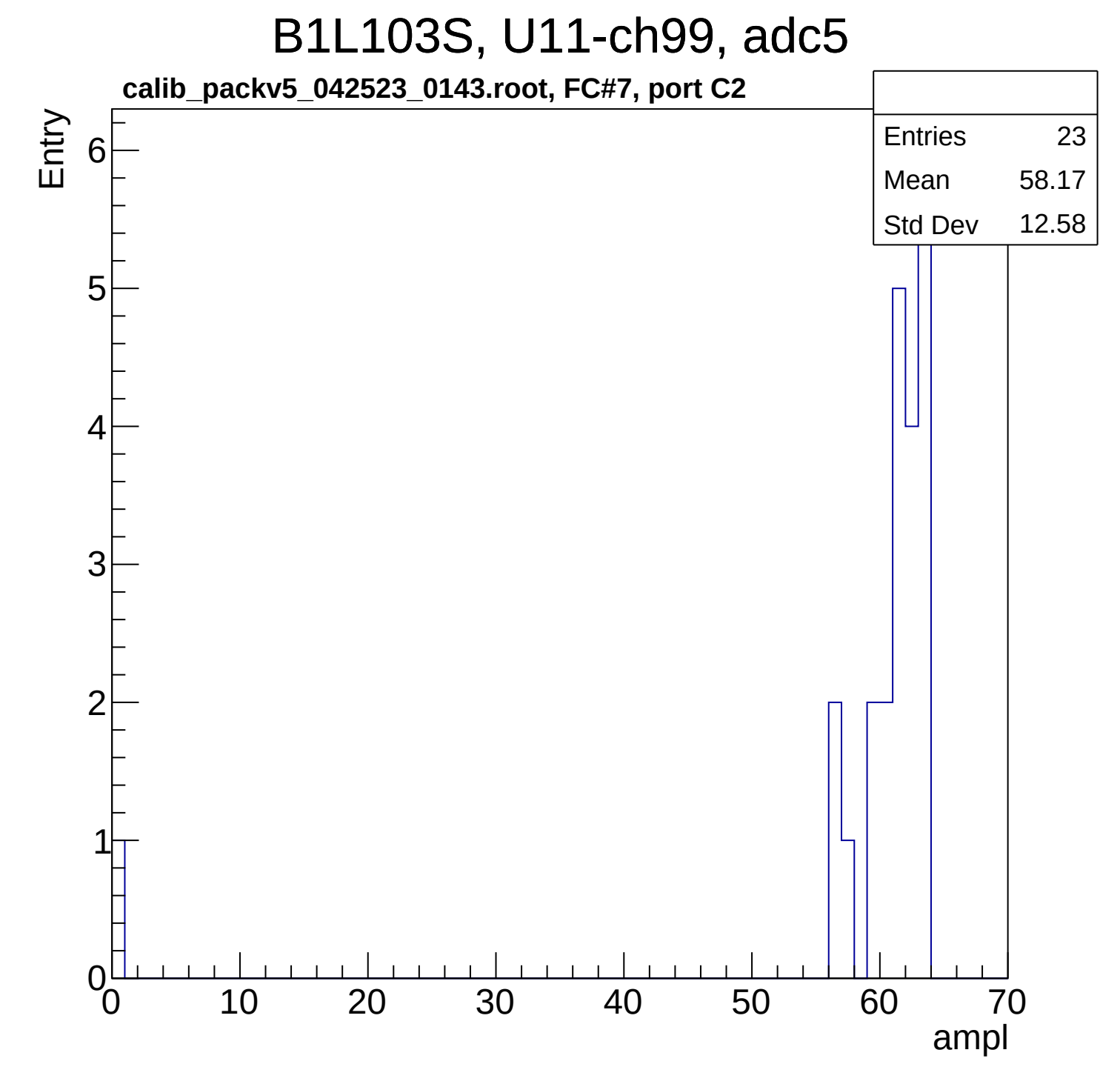
B1L103S, U11-ch99, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 23
Mean 58.17
Std Dev 12.58
Entry
ampl
0
1
2
3
4
5
6
0
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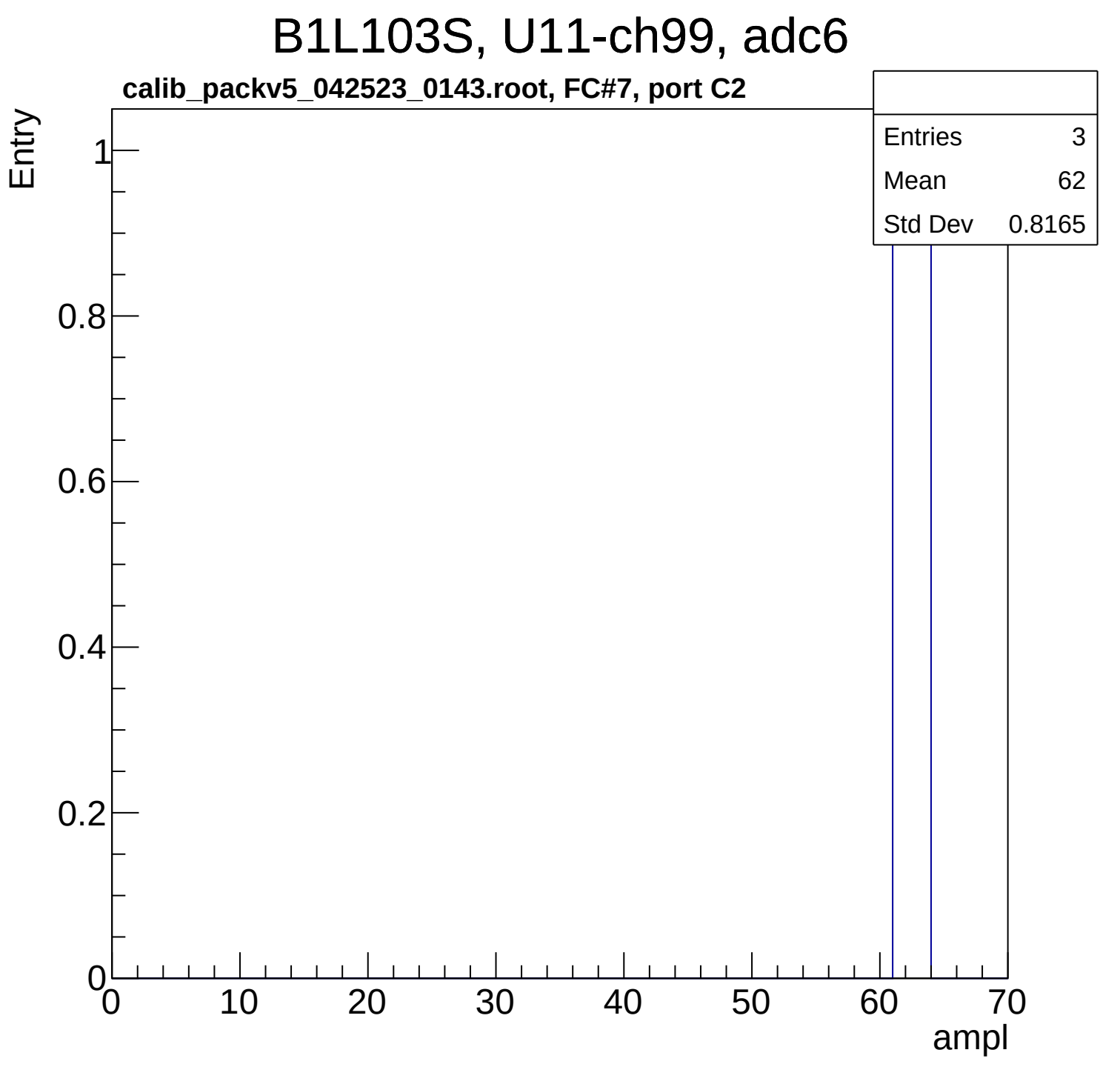
20
30
40
50
60
70


B1L103S, U11-ch99, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 62
Std Dev 0.8165
Entry
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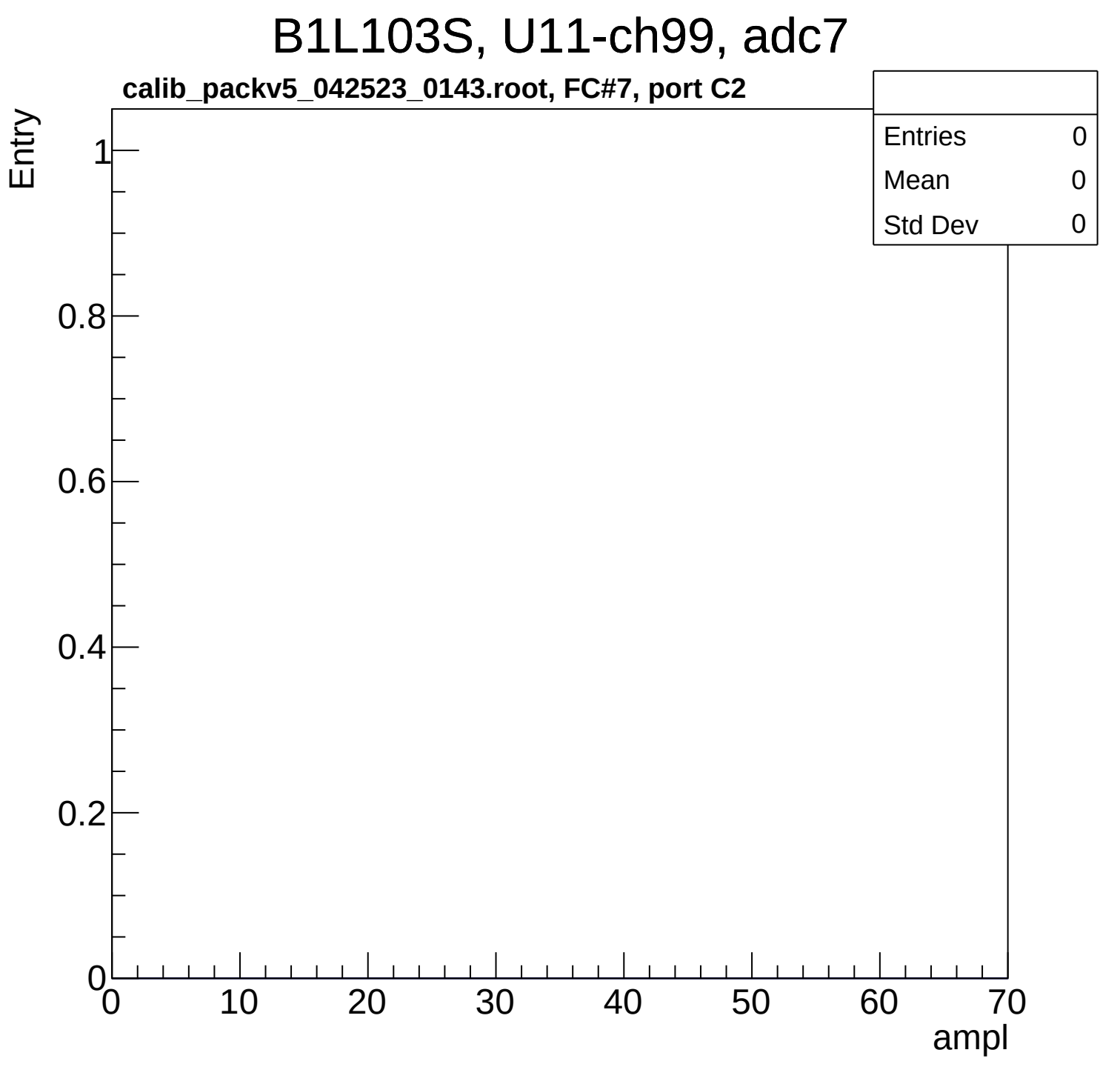
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch99, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
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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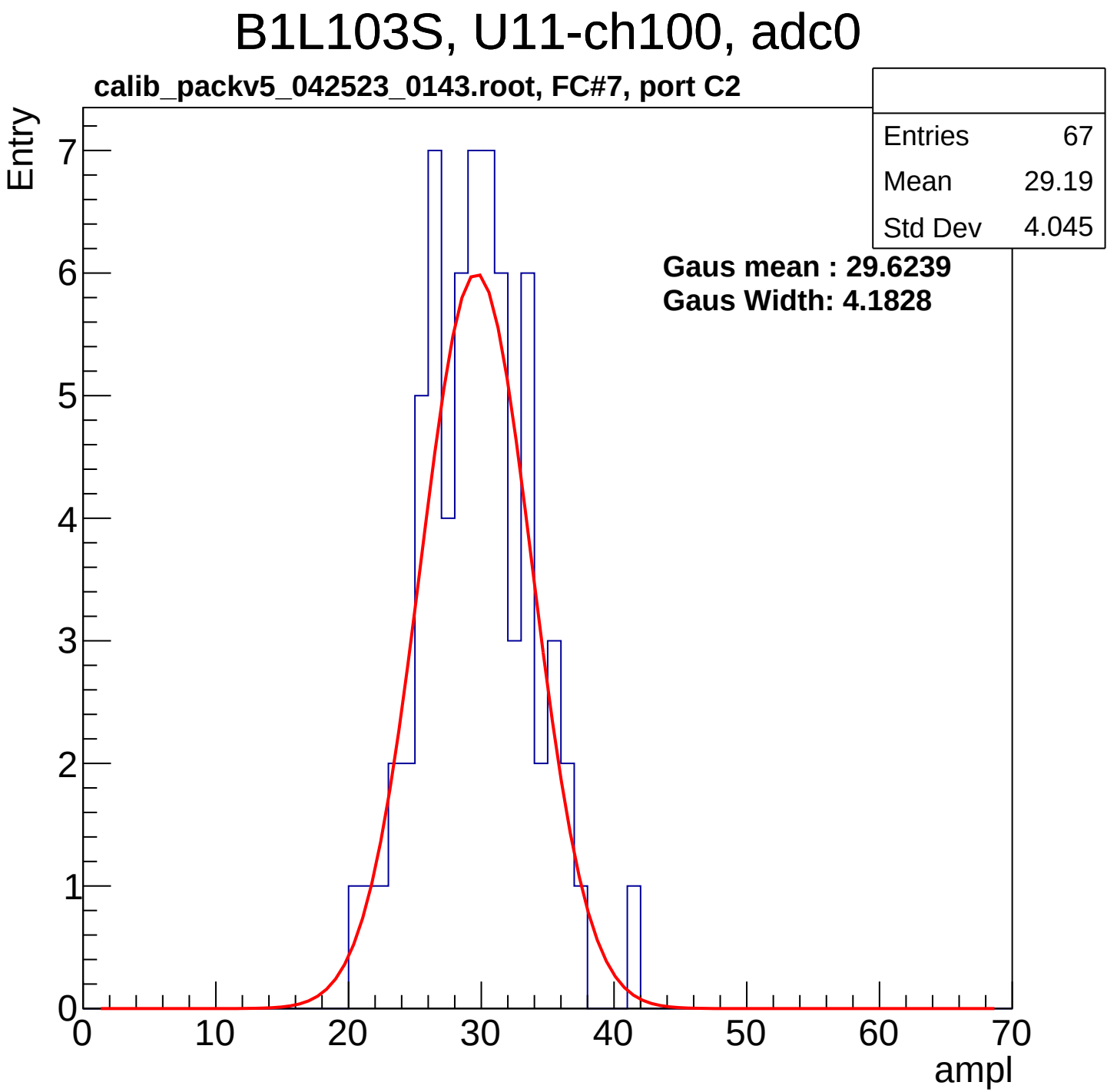
50
60
70
ampl


B1L103S, U11-ch100, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 29.19
Std Dev 4.045
Gaus mean : 29.6239
Gaus Width: 4.1828
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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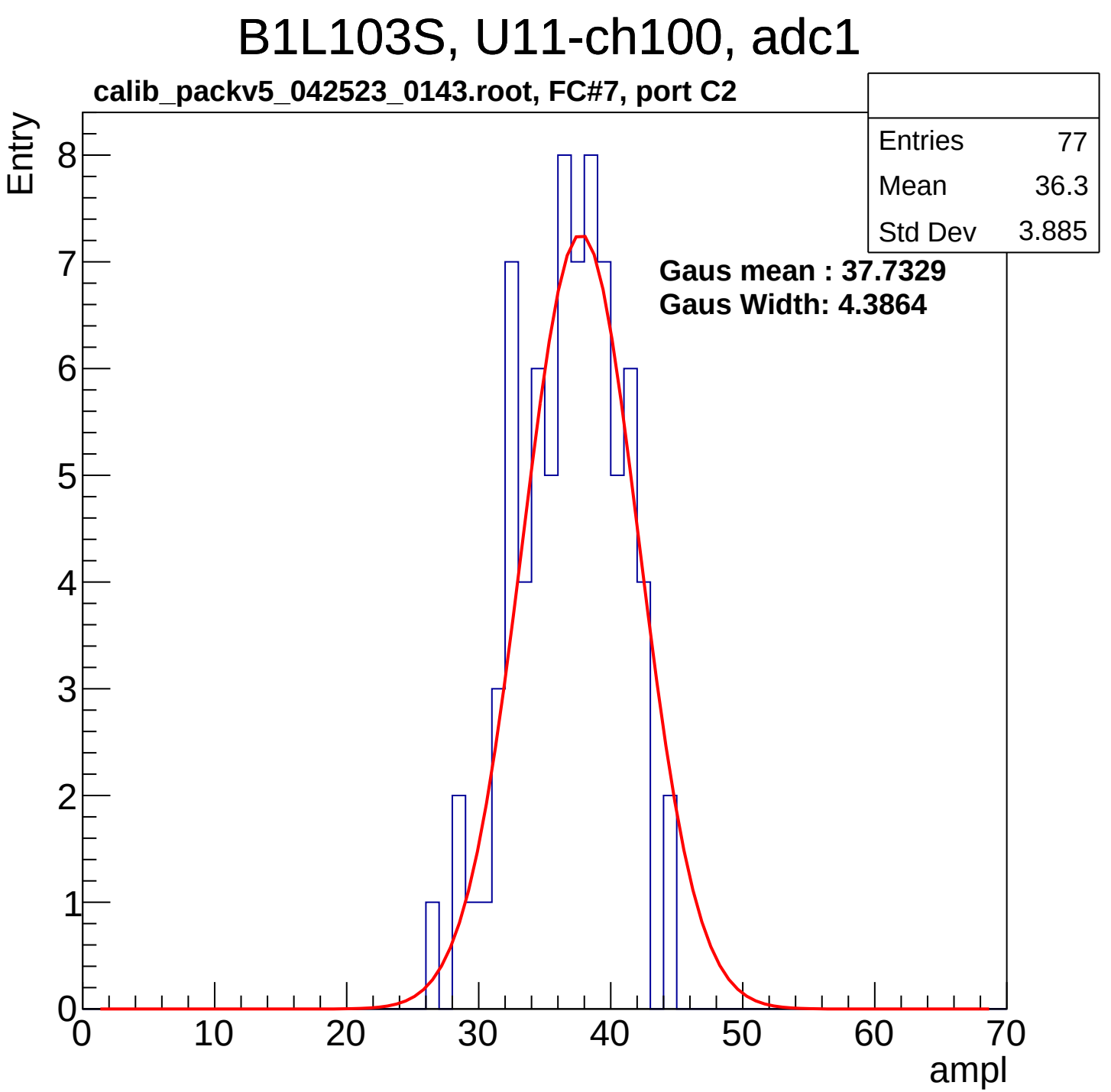
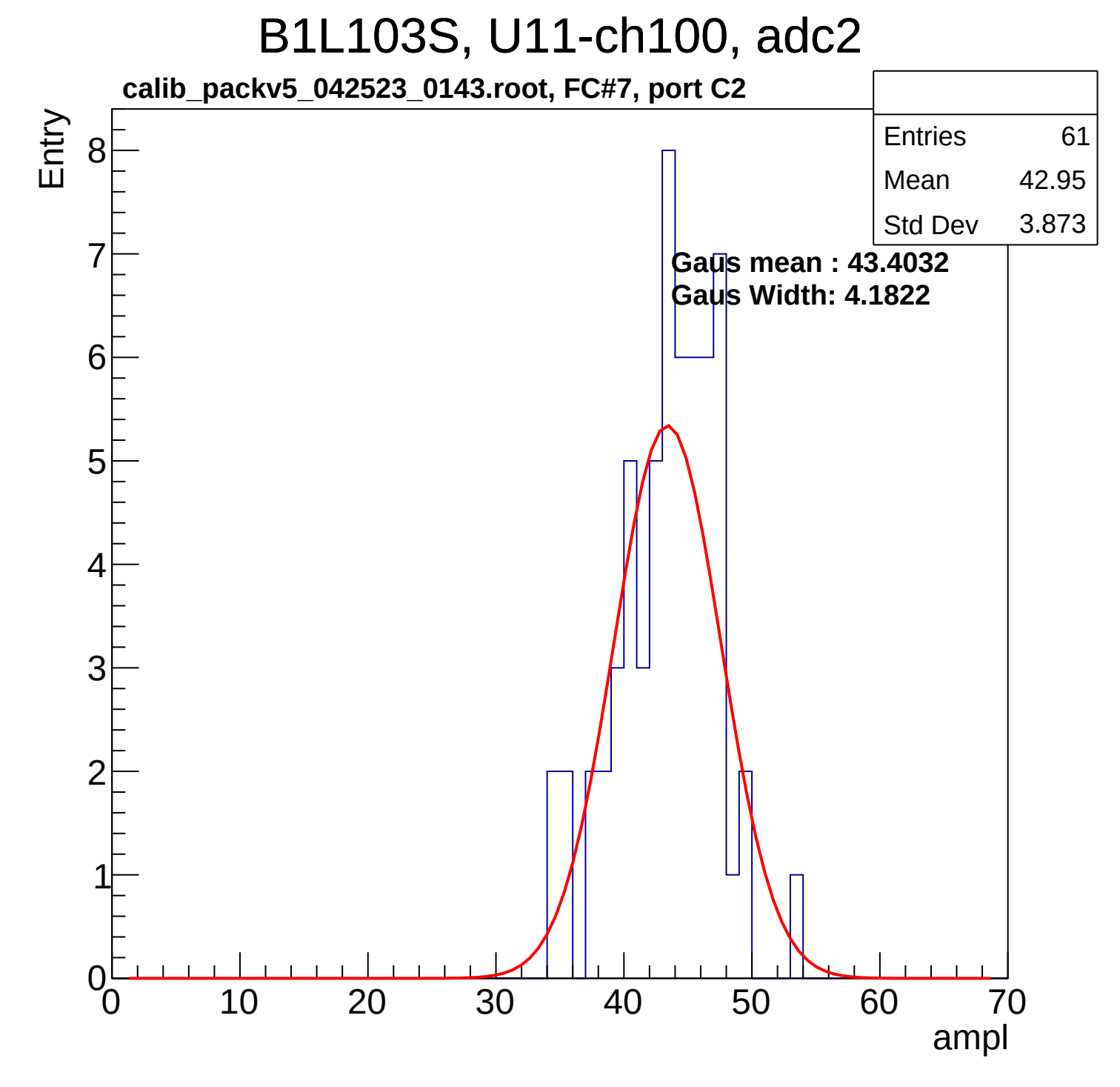

B1L103S, U11-ch100, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 77
Mean 36.3
Std Dev 3.885
Gaus mean : 37.7329
Gaus Width: 4.3864
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch100, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 42.95
Std Dev 3.873
Gaus mean : 43.4032
Gaus Width: 4.1822
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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40
50
60
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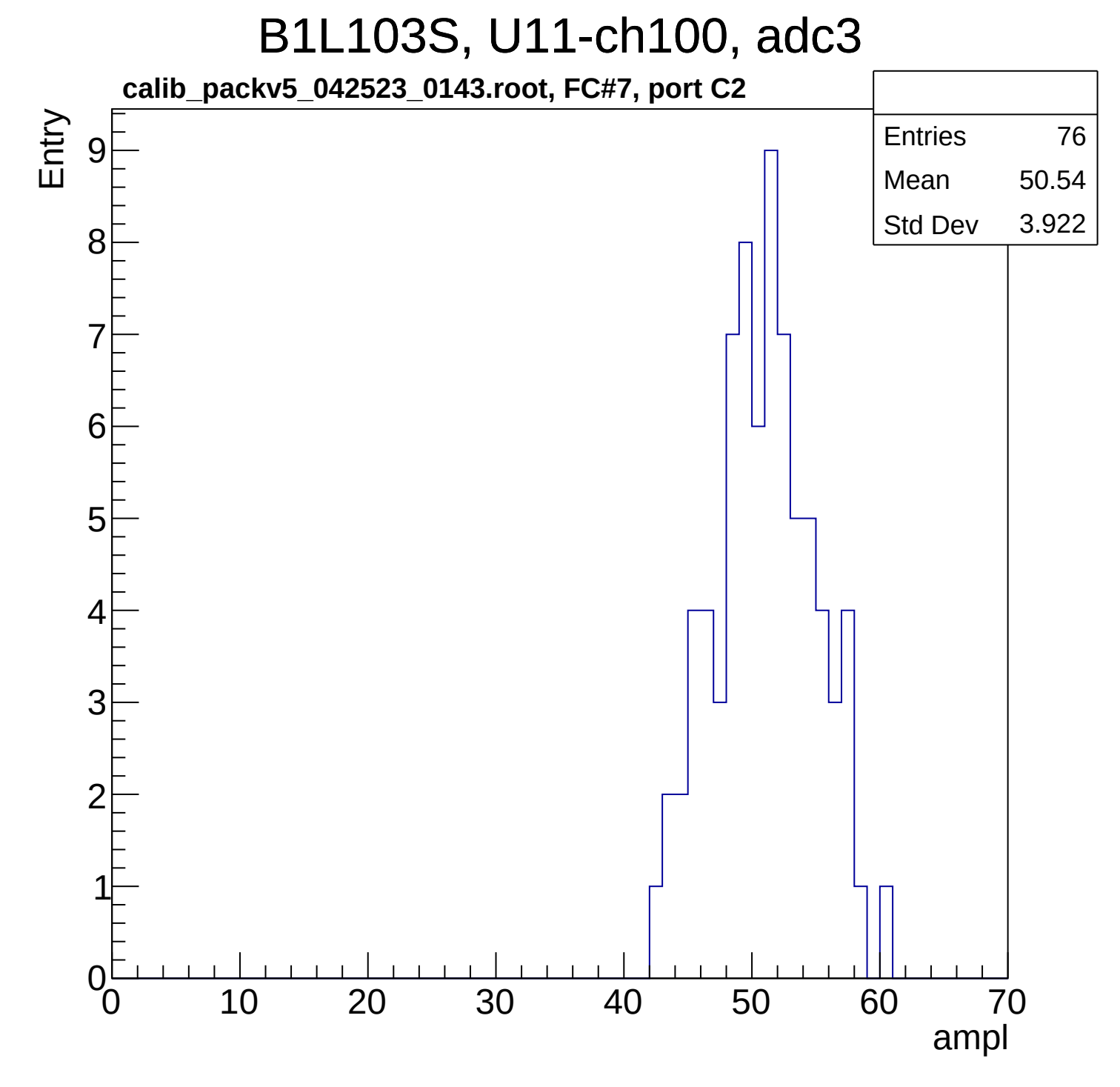
B1L103S, U11-ch100, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 50.54
Std Dev 3.922
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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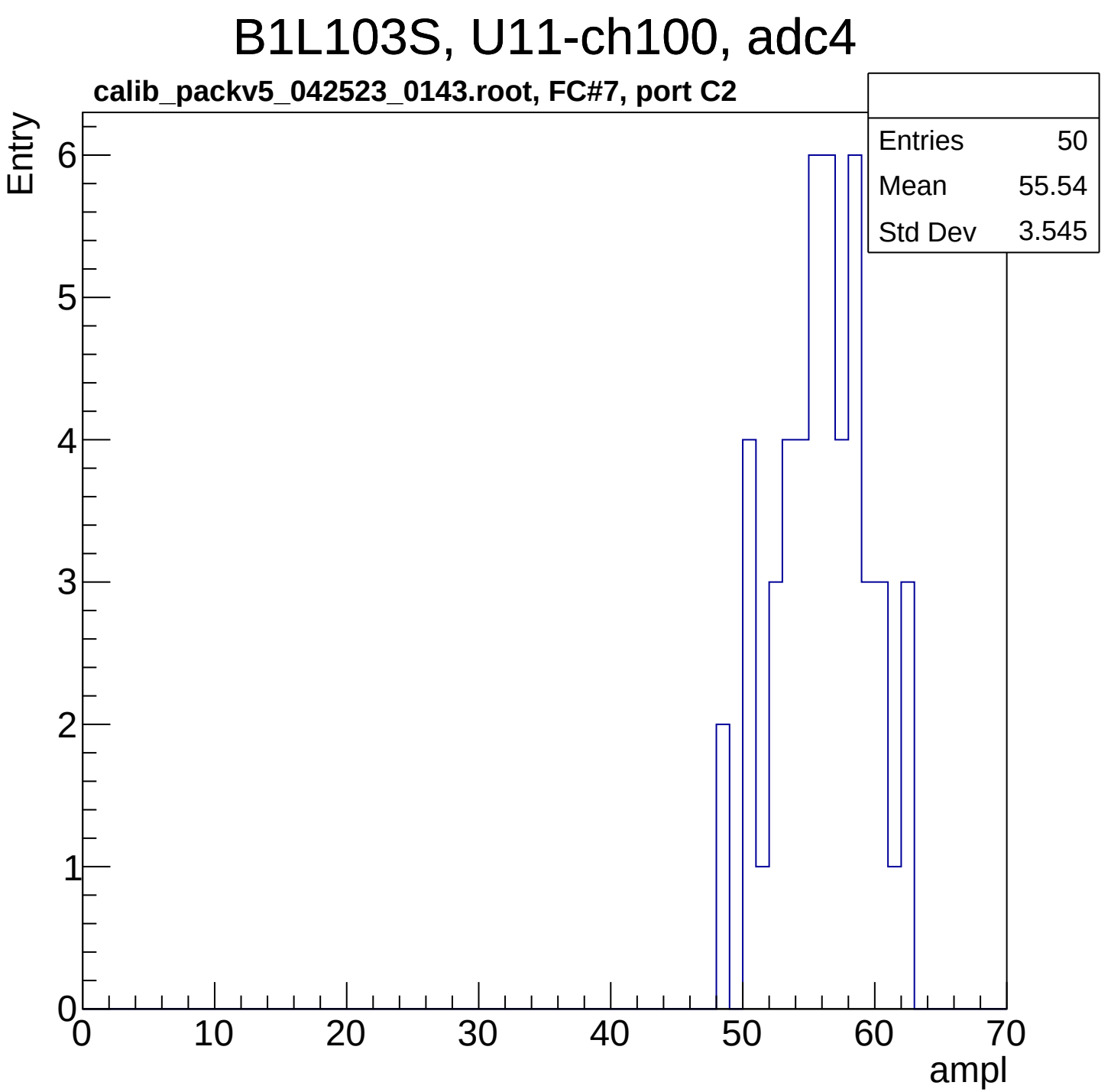
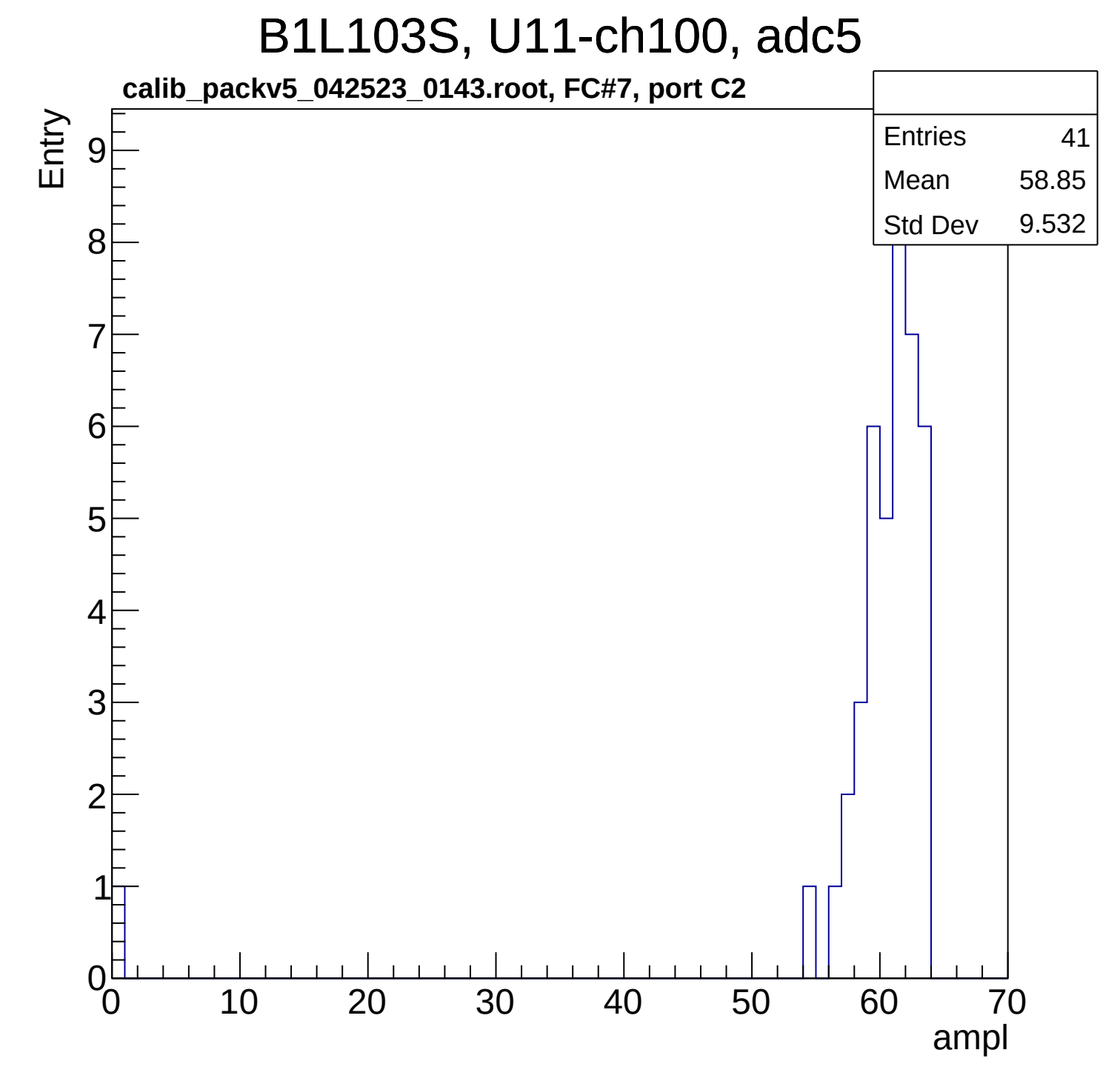

B1L103S, U11-ch100, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 50
Mean 55.54
Std Dev 3.545
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch100, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 41
Mean 58.85
Std Dev 9.532
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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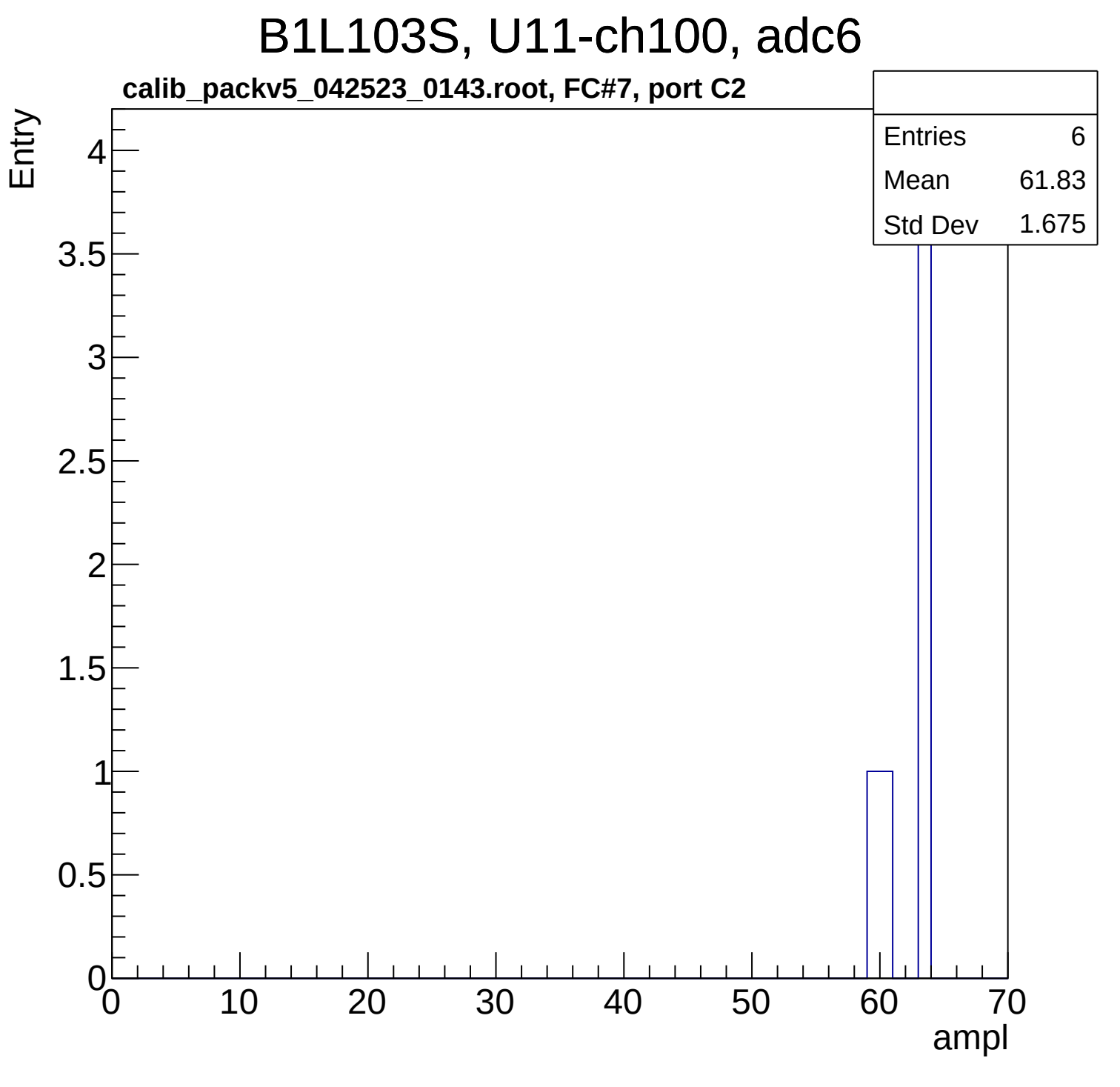
B1L103S, U11-ch100, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 6
Mean 61.83
Std Dev 1.675
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
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40
50
60
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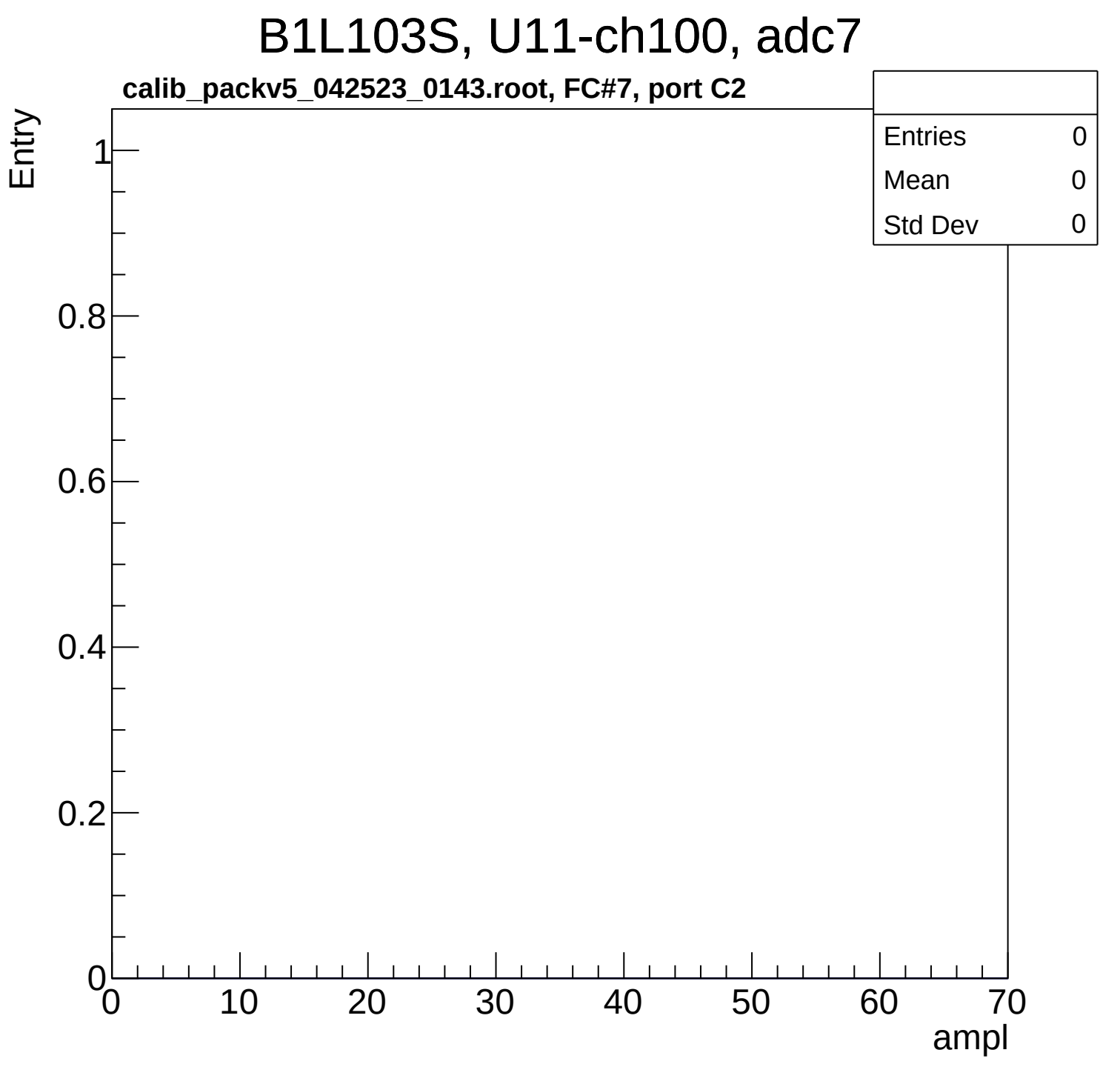
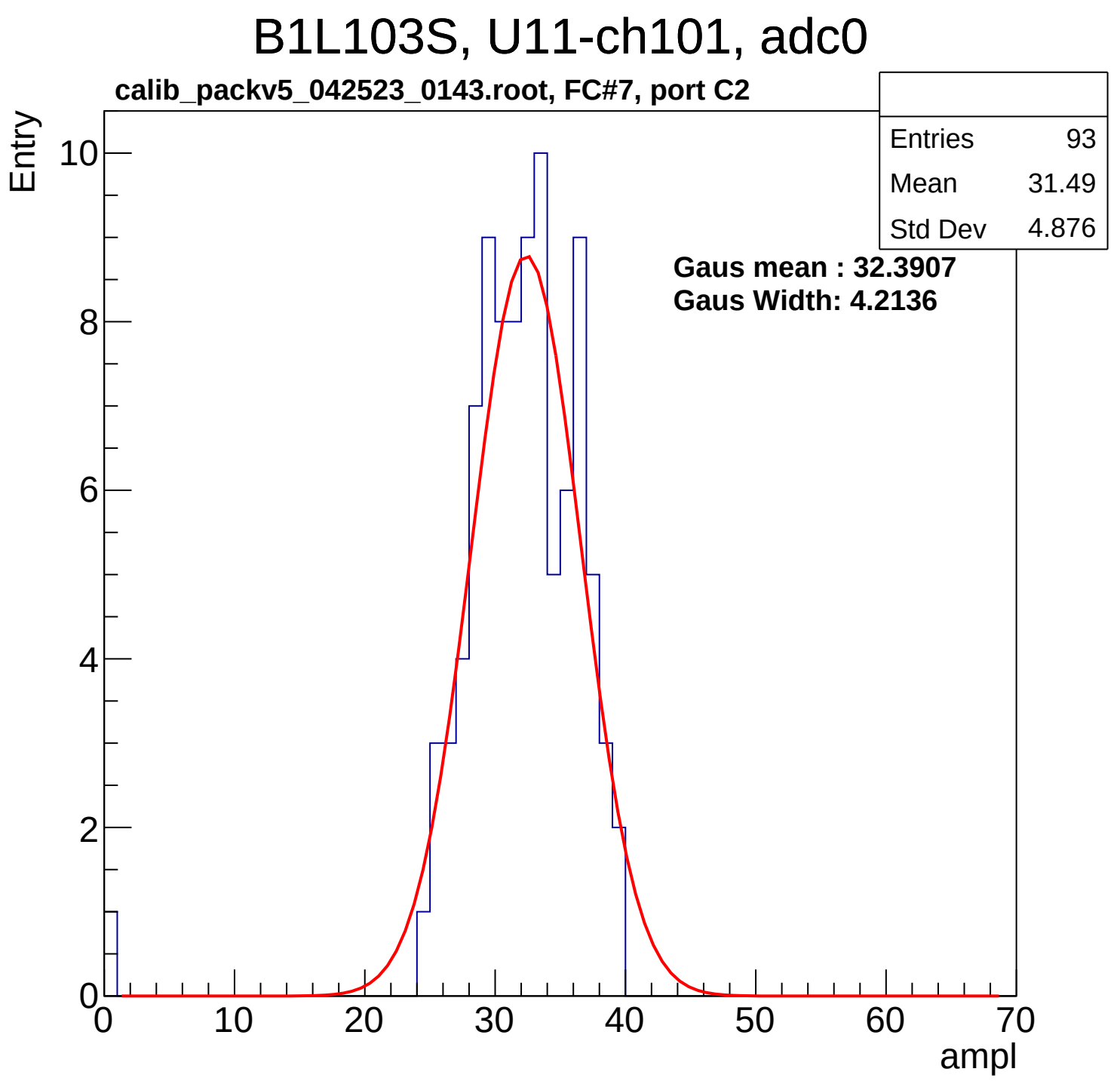
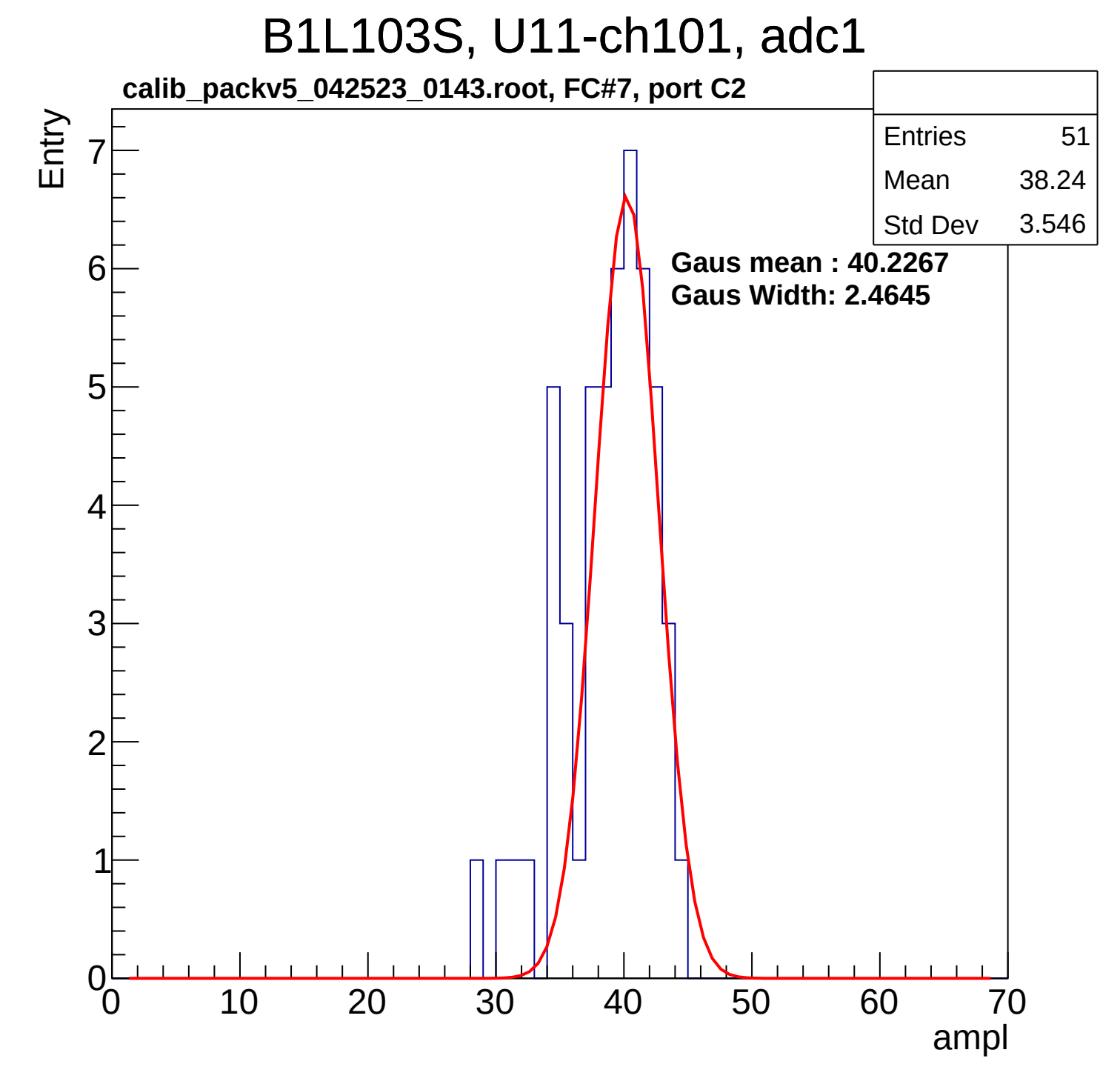

B1L103S, U11-ch100, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch101, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 93
Mean 31.49
Std Dev 4.876
Gaus mean : 32.3907
Gaus Width: 4.2136
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch101, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 38.24
Std Dev 3.546
Gaus mean : 40.2267
Gaus Width: 2.4645
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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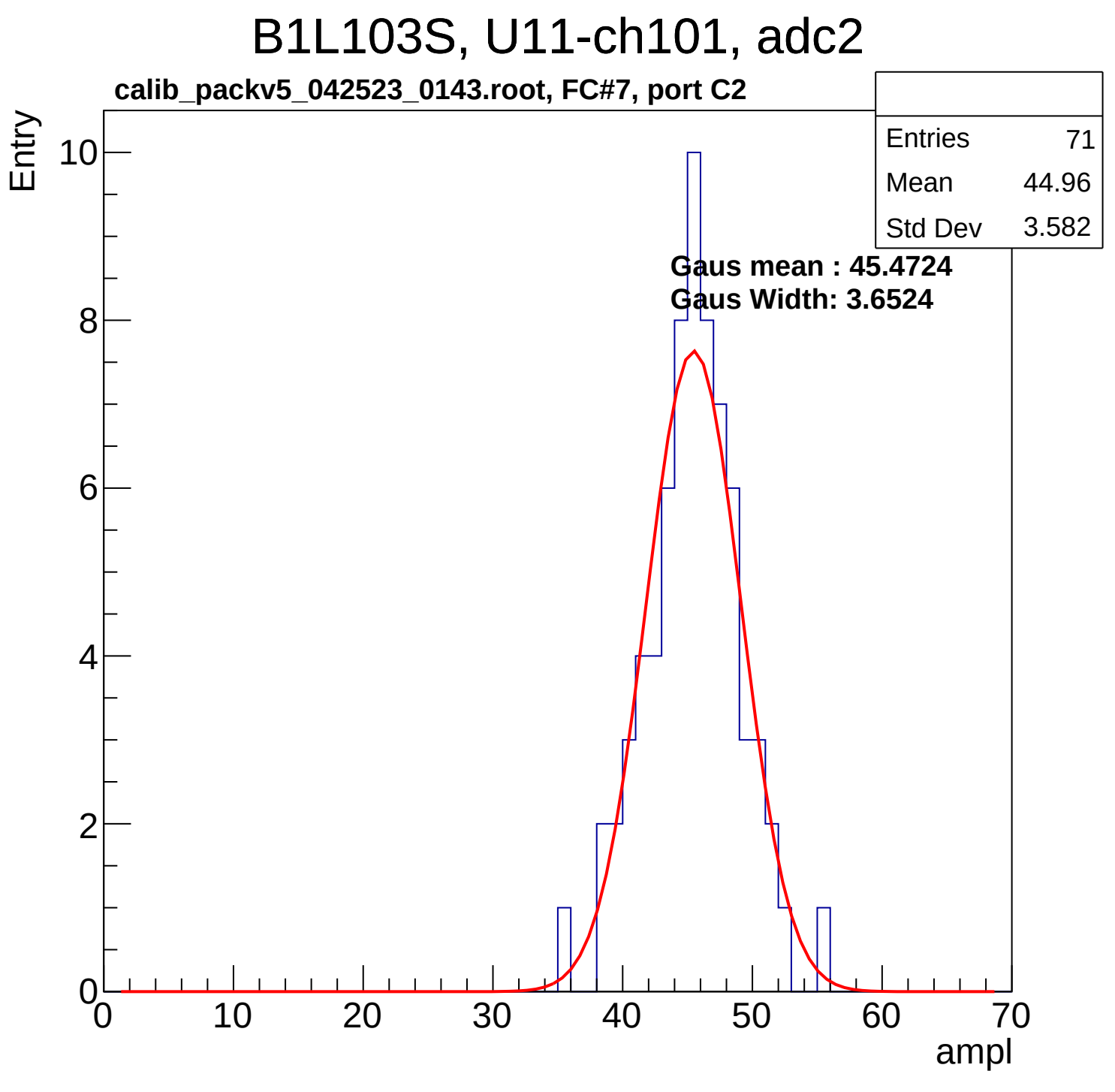
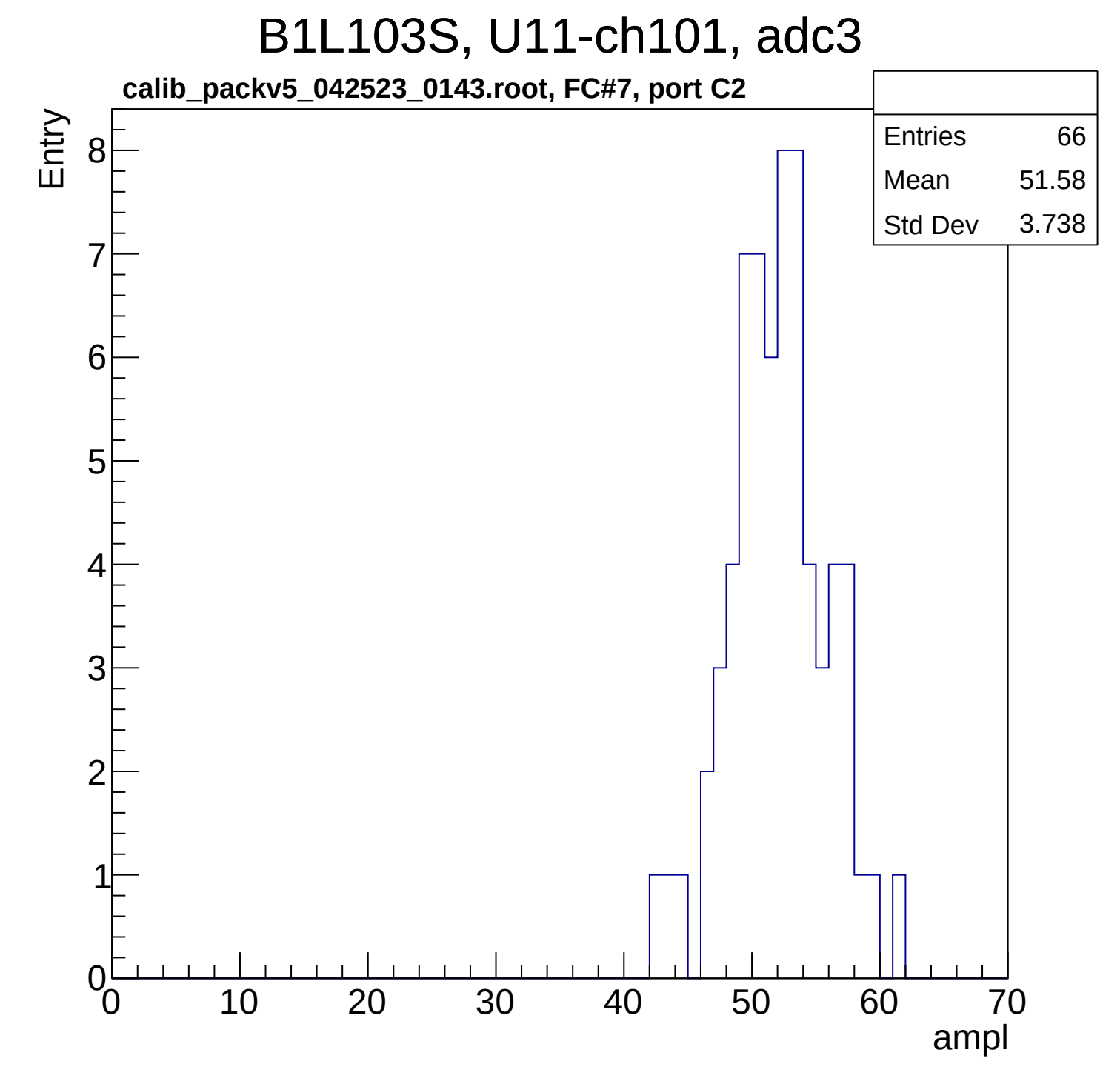
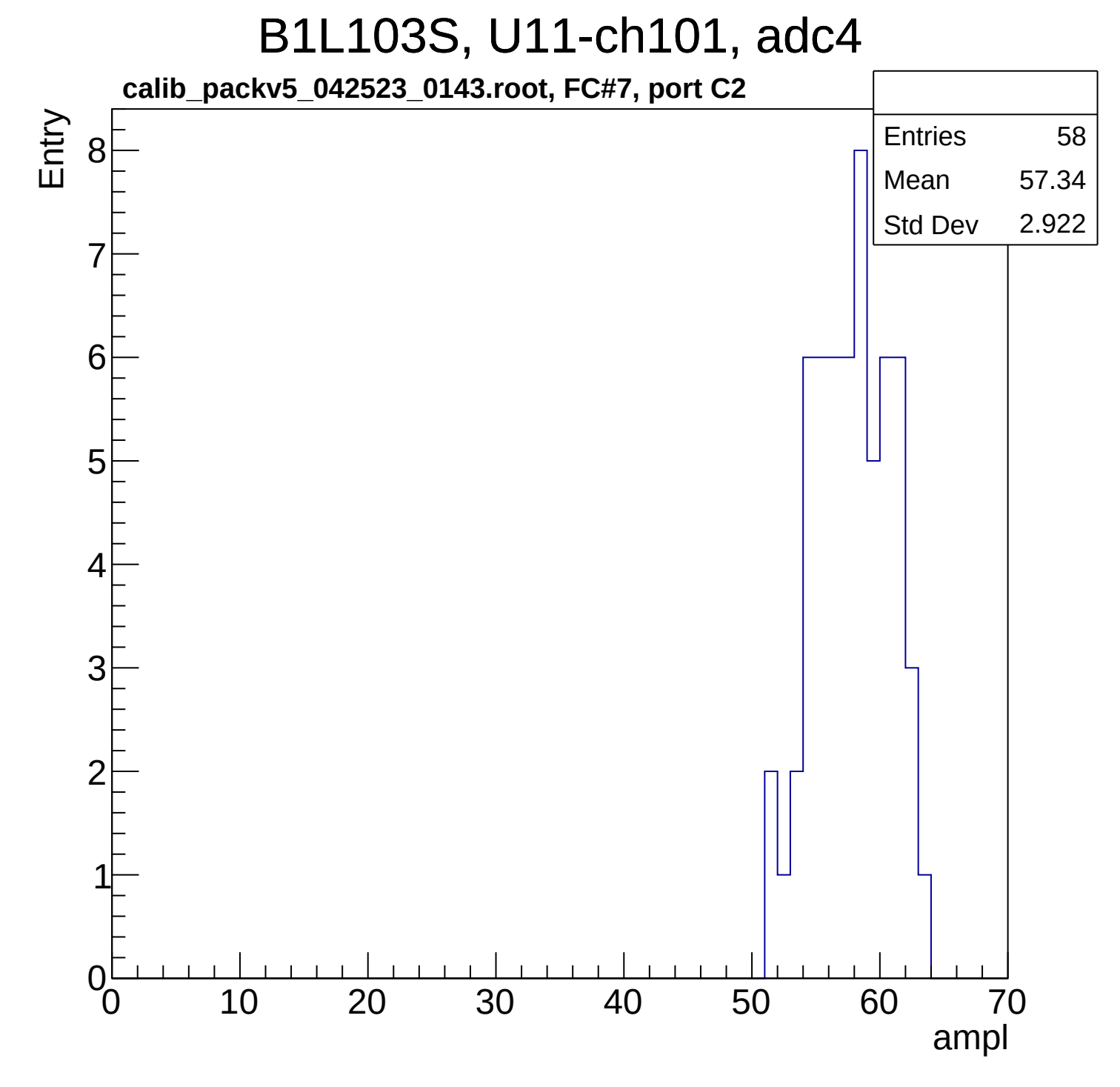
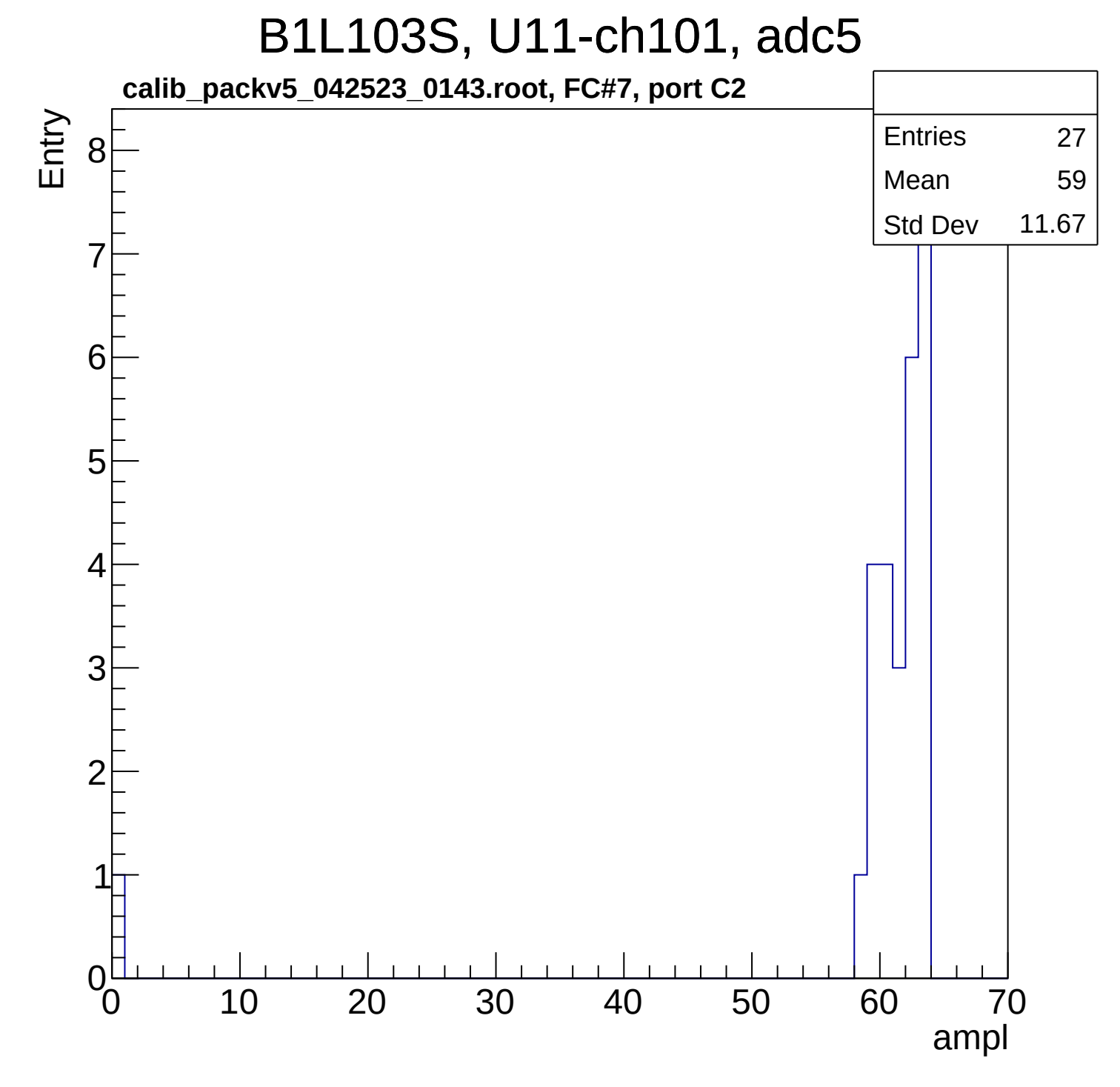

B1L103S, U11-ch101, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 44.96
Std Dev 3.582
Gaus mean : 45.4724
Gaus Width: 3.6524
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch101, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 51.58
Std Dev 3.738
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch101, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 57.34
Std Dev 2.922
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch101, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 27
Mean 59
Std Dev 11.67
Entry
ampl
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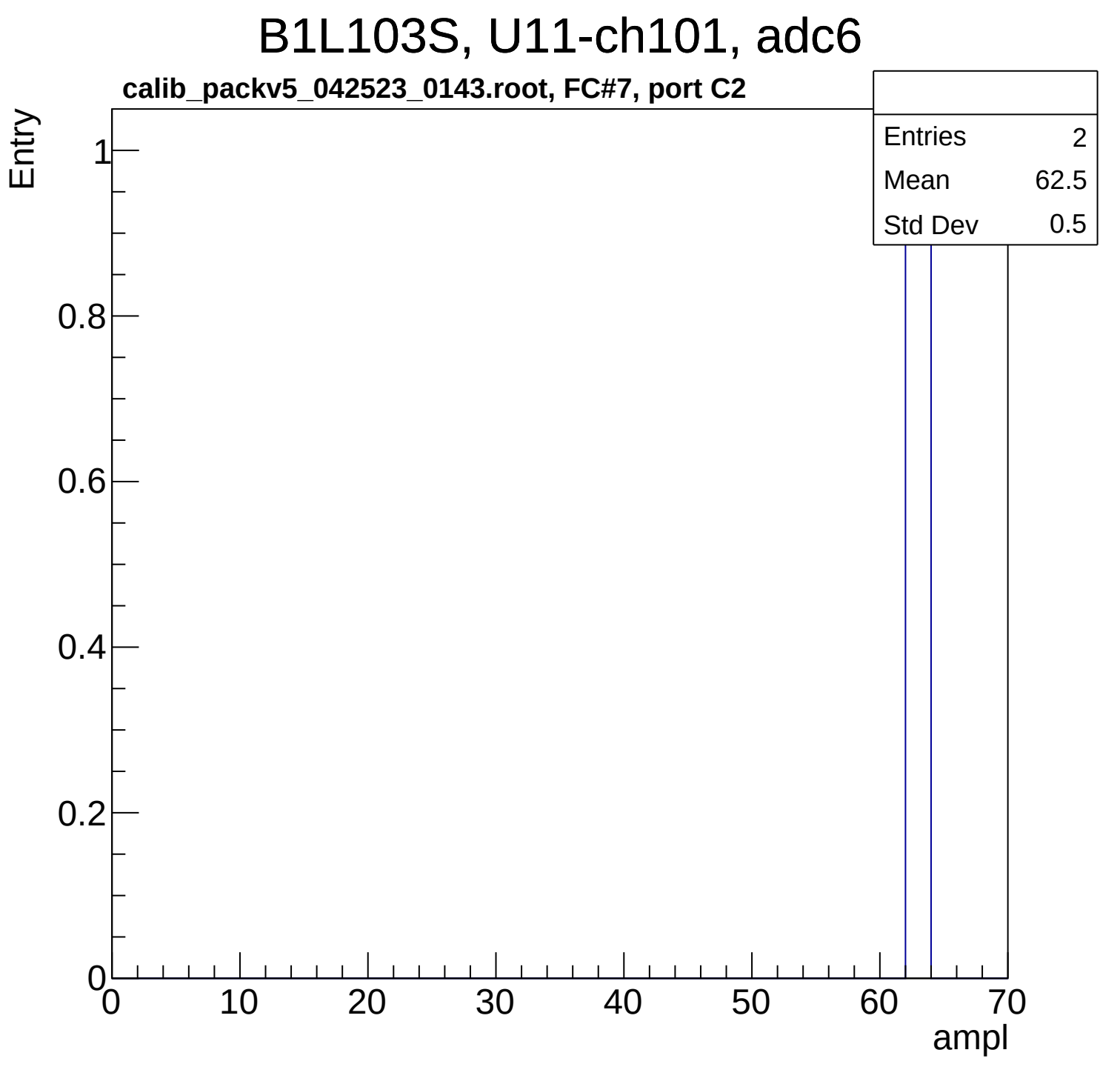
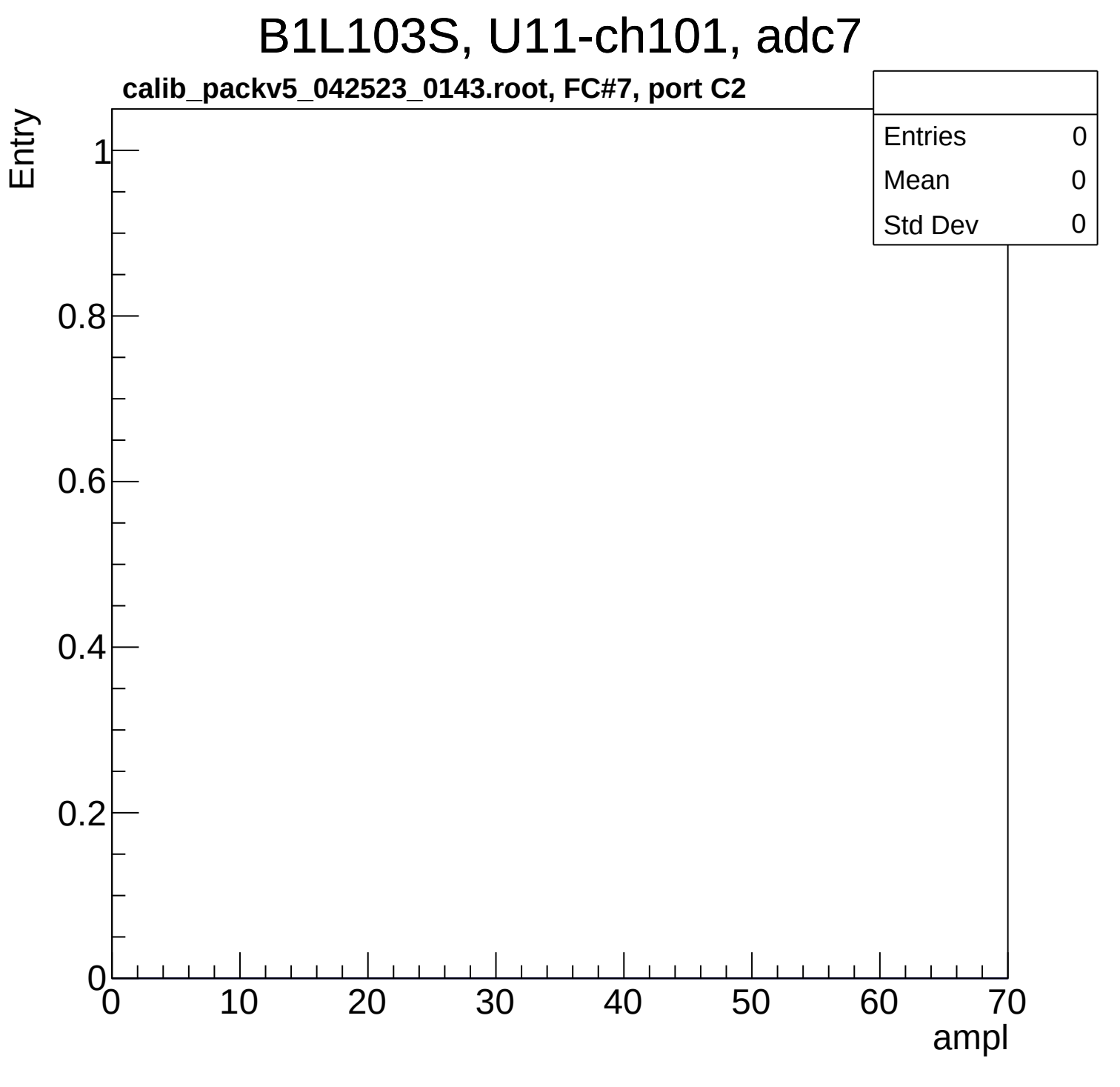
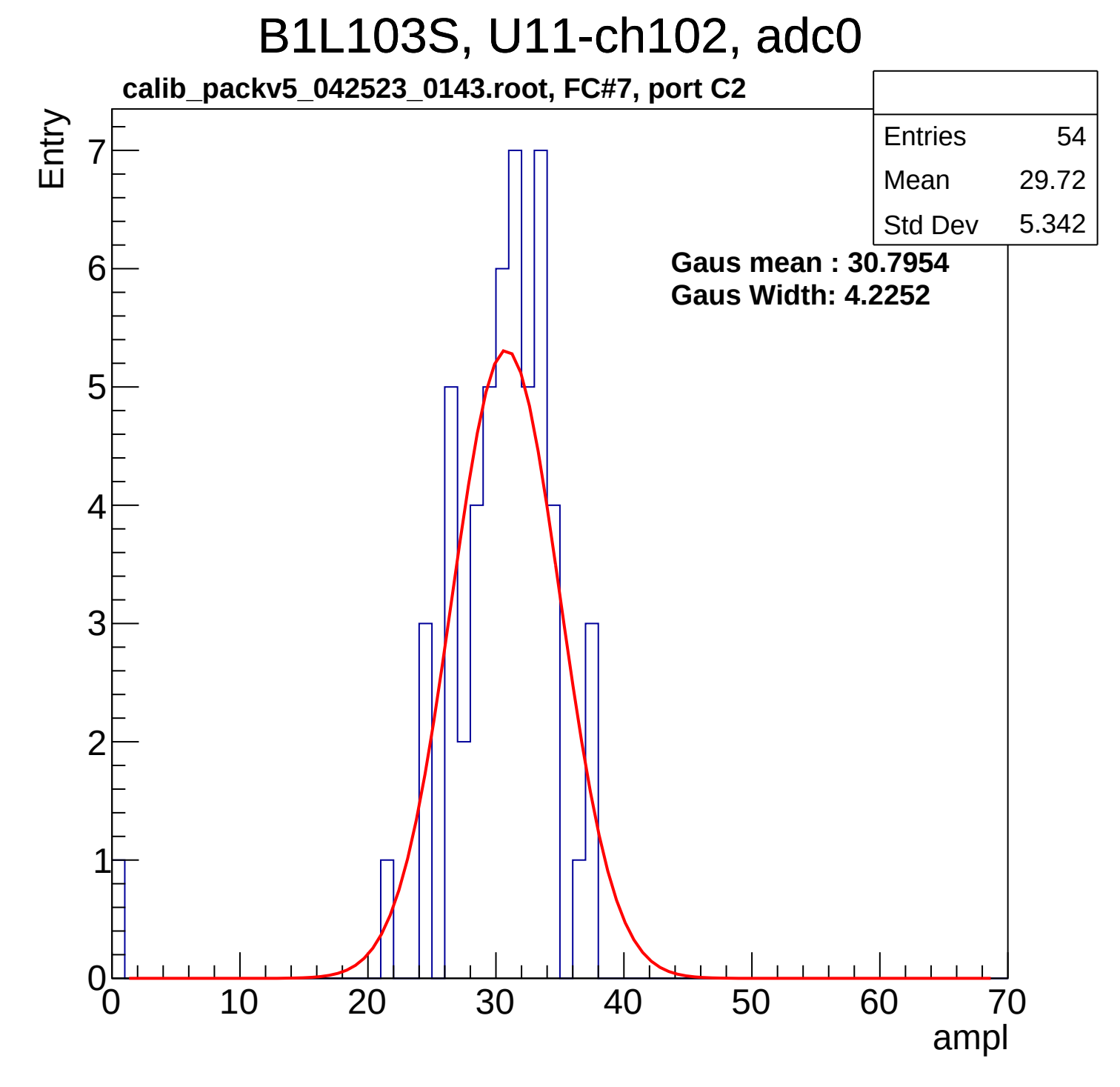
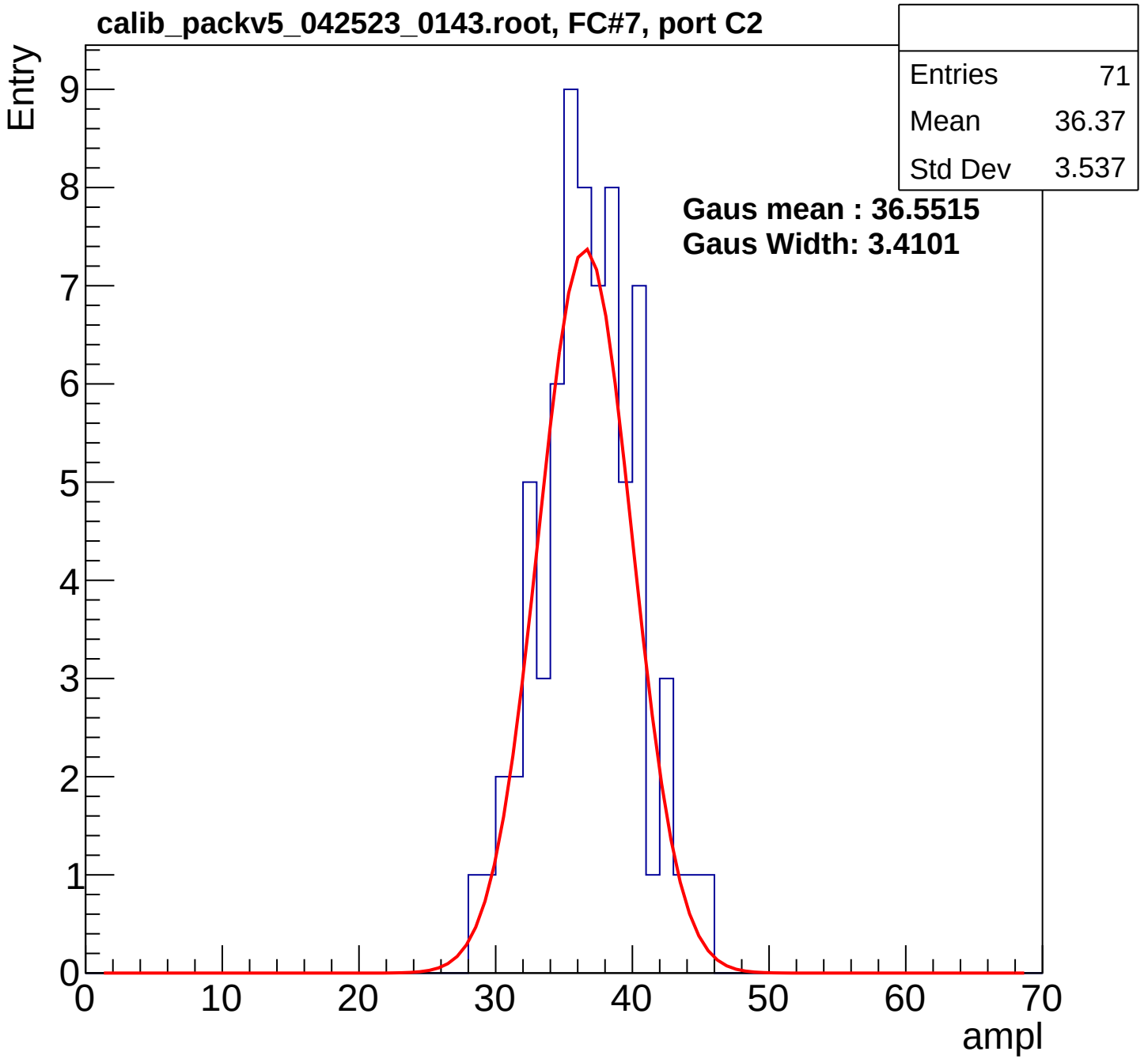
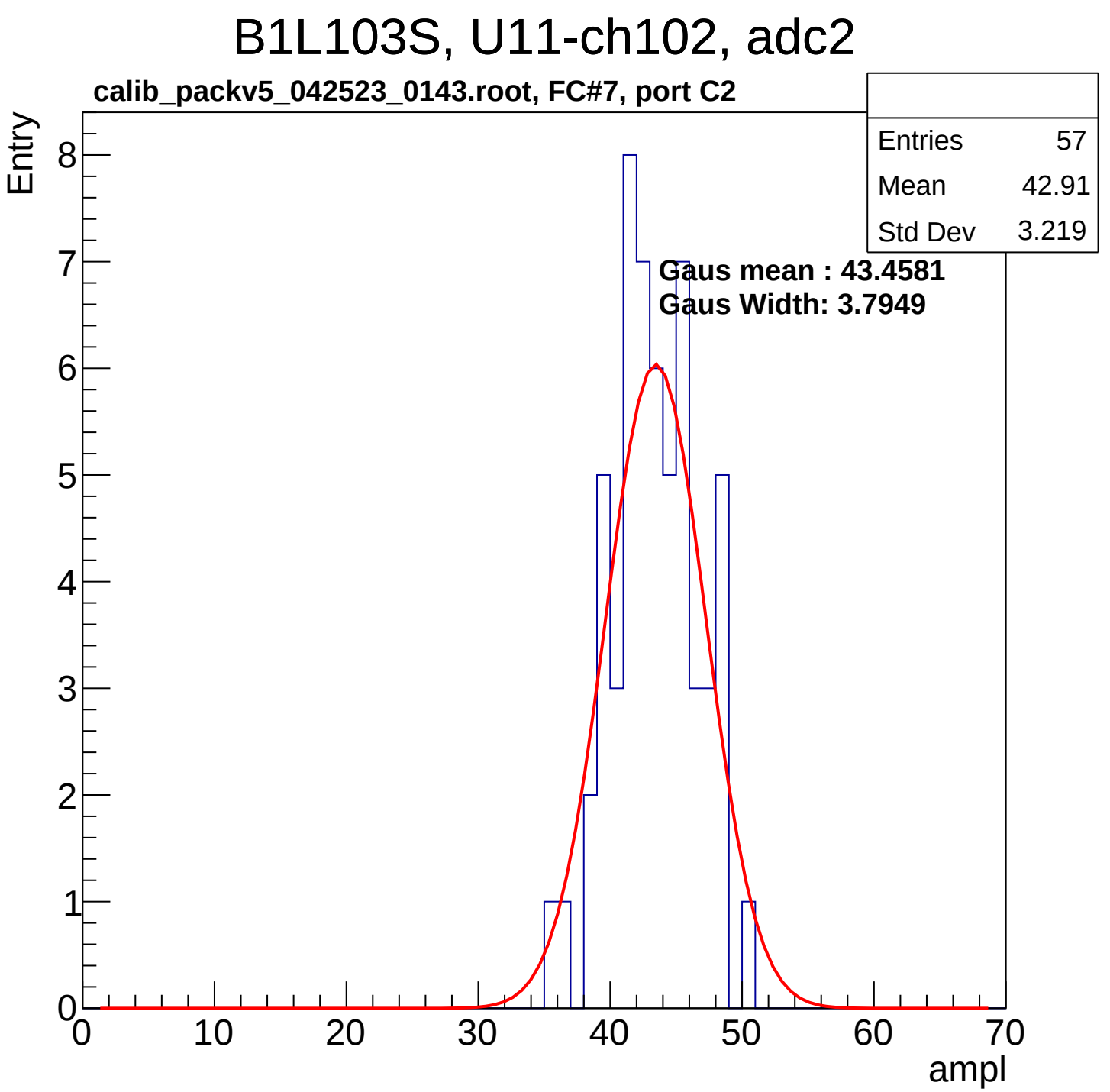
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

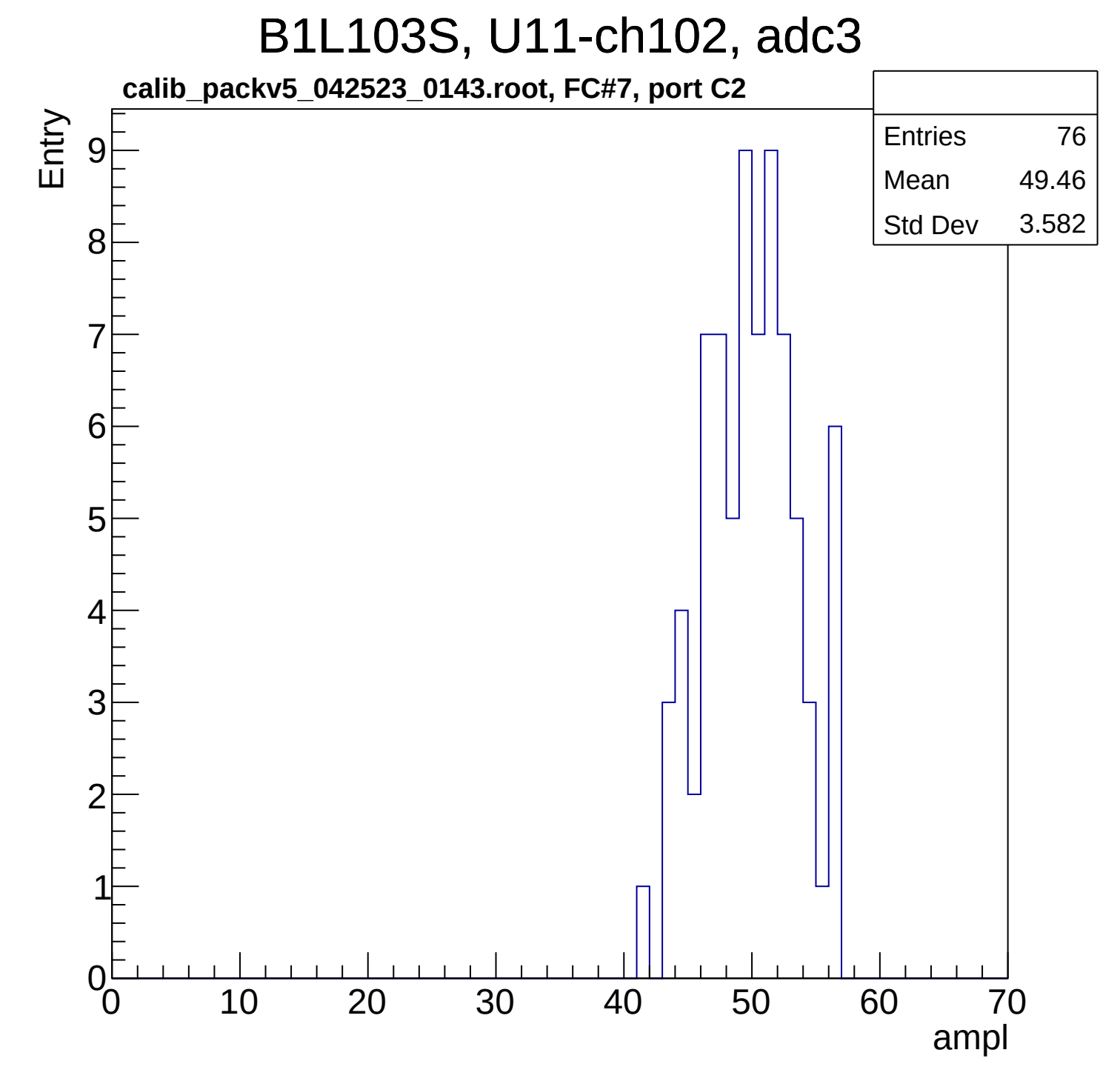

B1L103S, U11-ch101, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch101, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch102, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 29.72
Std Dev 5.342
Gaus mean : 30.7954
Gaus Width: 4.2252
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U11-ch102, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 36.37
Std Dev 3.537
Gaus mean : 36.5515
Gaus Width: 3.4101
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch102, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 42.91
Std Dev 3.219
Gaus mean : 43.4581
Gaus Width: 3.7949
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch102, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 49.46
Std Dev 3.582
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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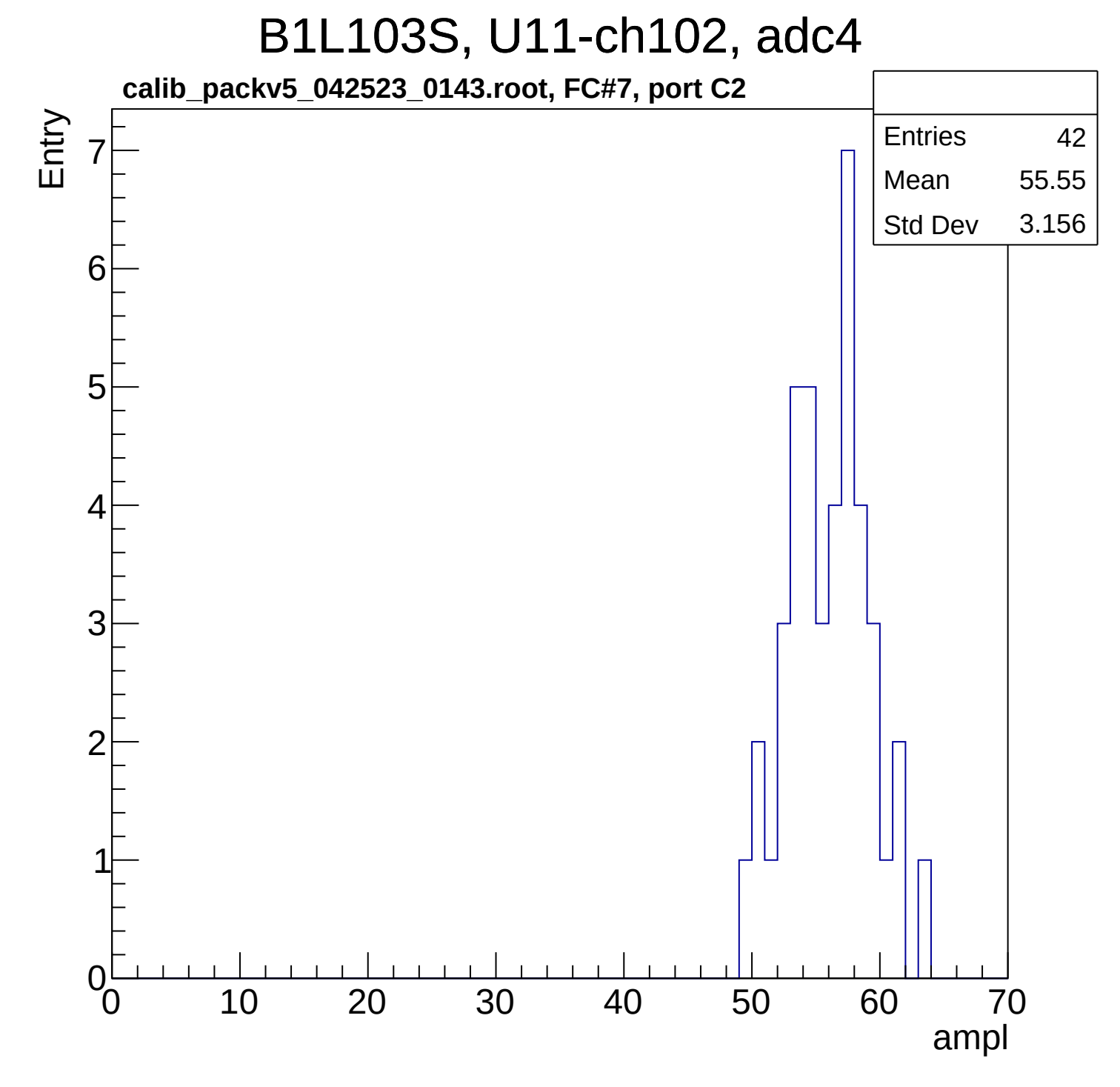
B1L103S, U11-ch102, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 42
Mean 55.55
Std Dev 3.156
Entry
ampl
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2
3
4
5
6
7
0
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20
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40
50
60
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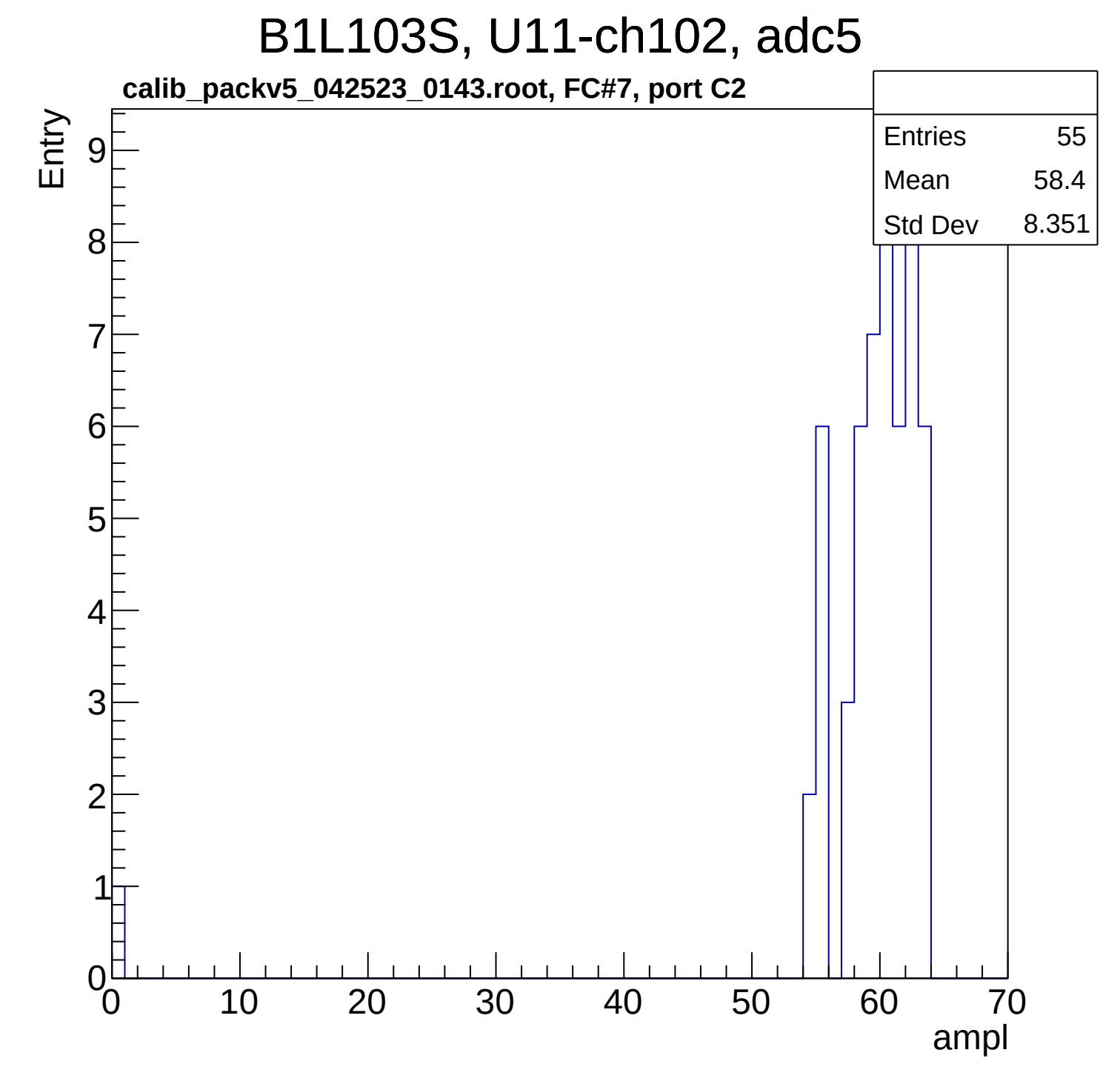
B1L103S, U11-ch102, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 58.4
Std Dev 8.351
Entry
ampl
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7
8
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0
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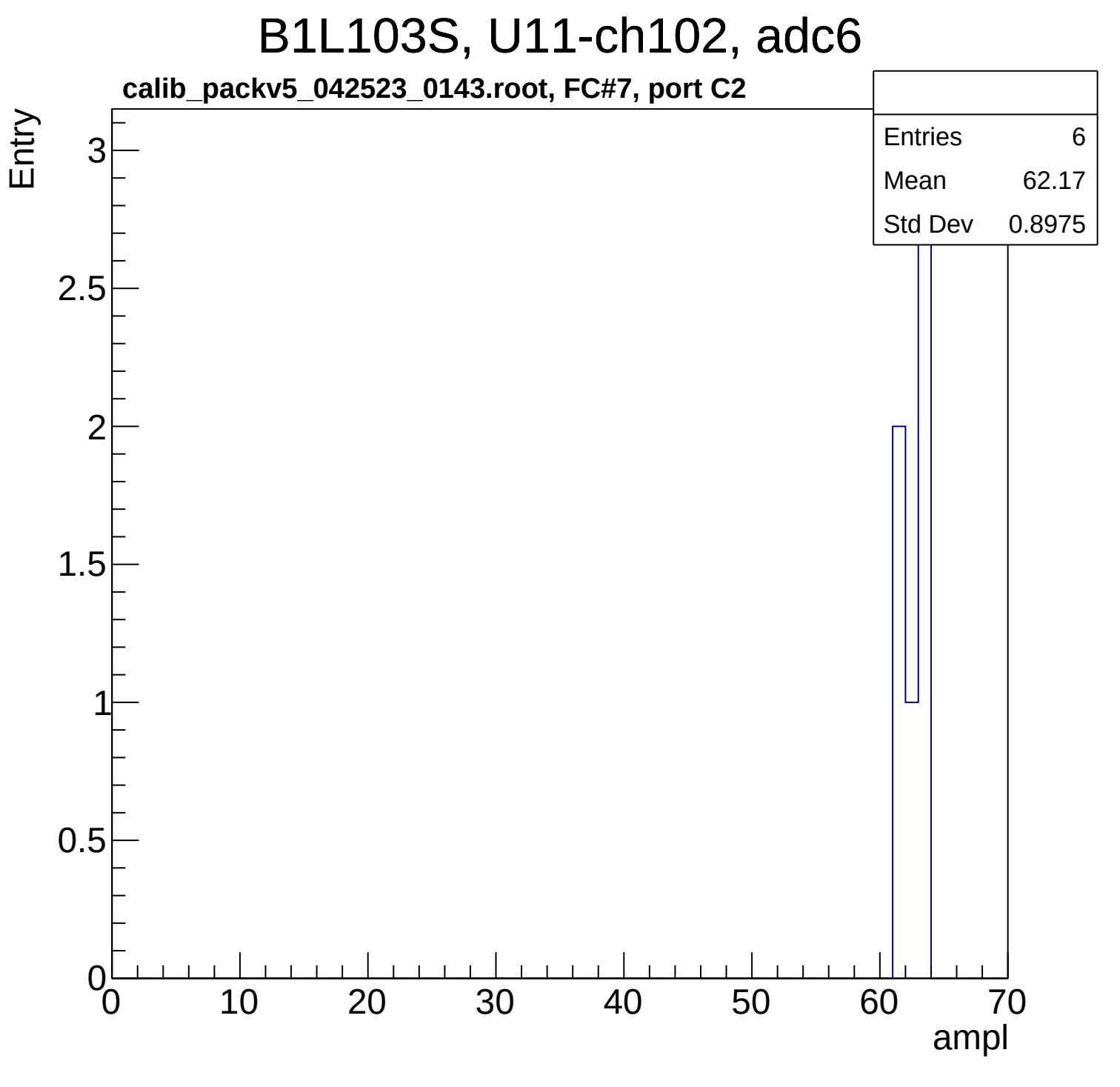
B1L103S, U11-ch102, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 6
Mean 62.17
Std Dev 0.8975
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
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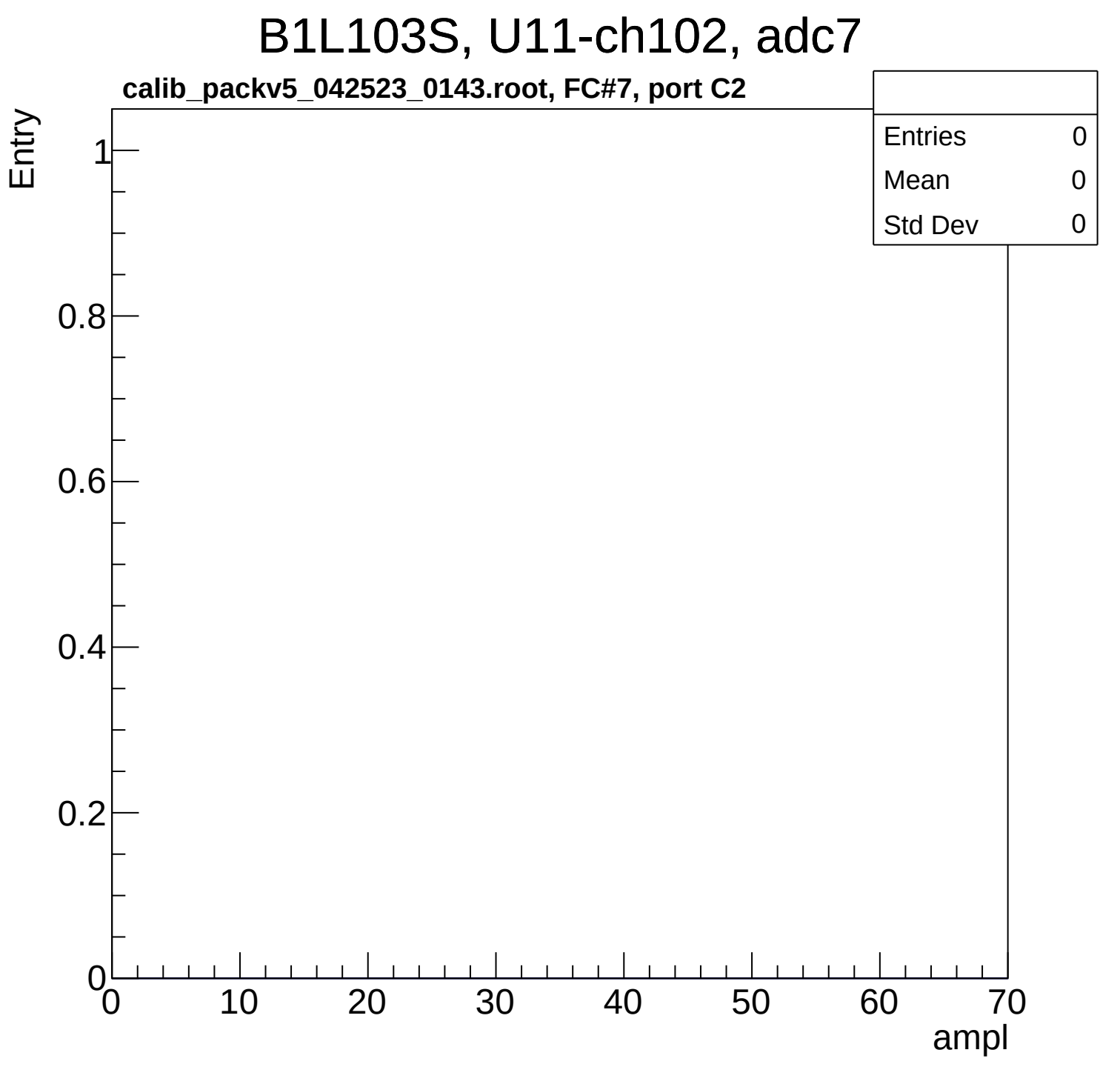
40
50
60
70


B1L103S, U11-ch102, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
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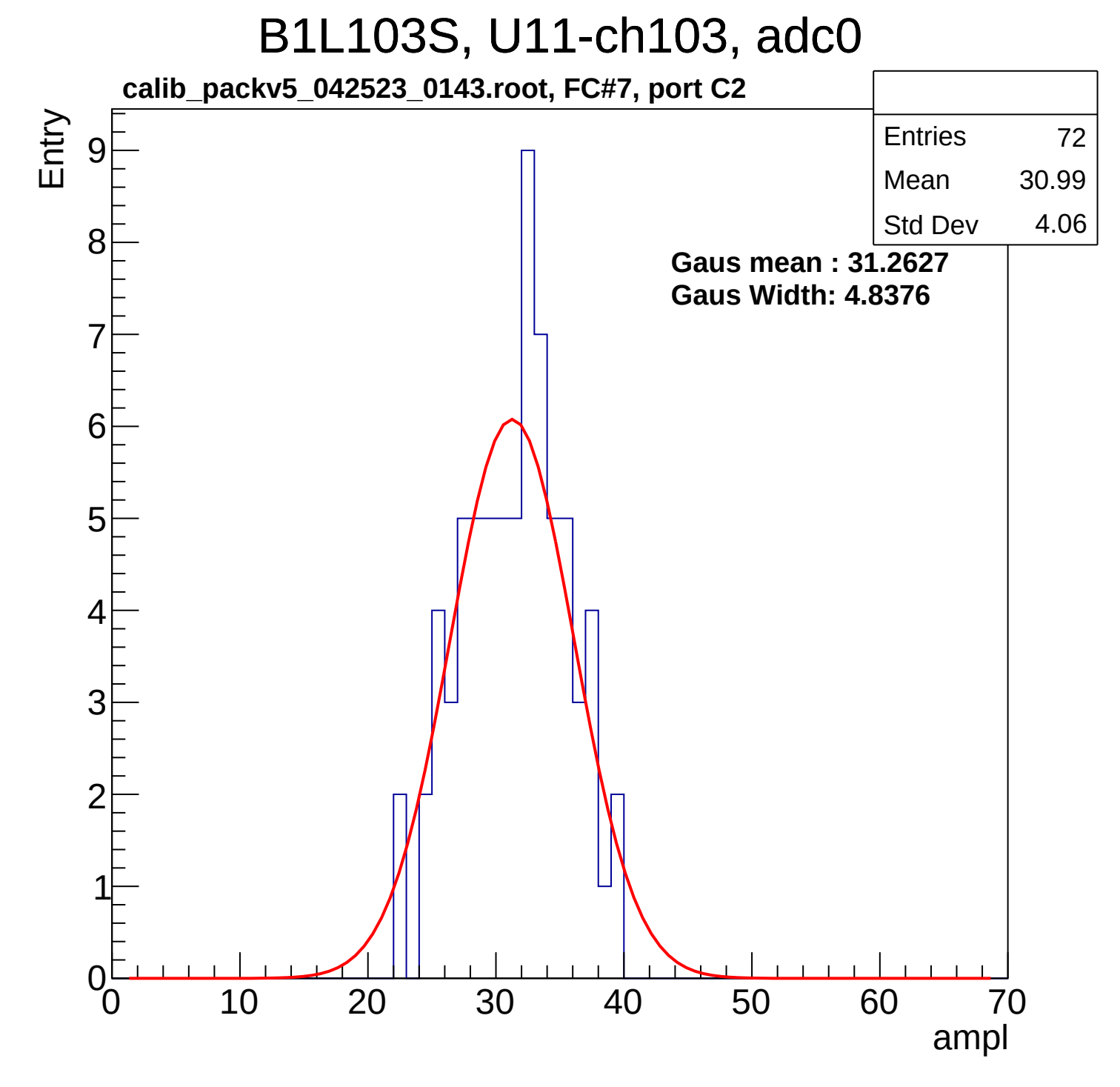
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch103, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 30.99
Std Dev 4.06
Gaus mean : 31.2627
Gaus Width: 4.8376
Entry
ampl
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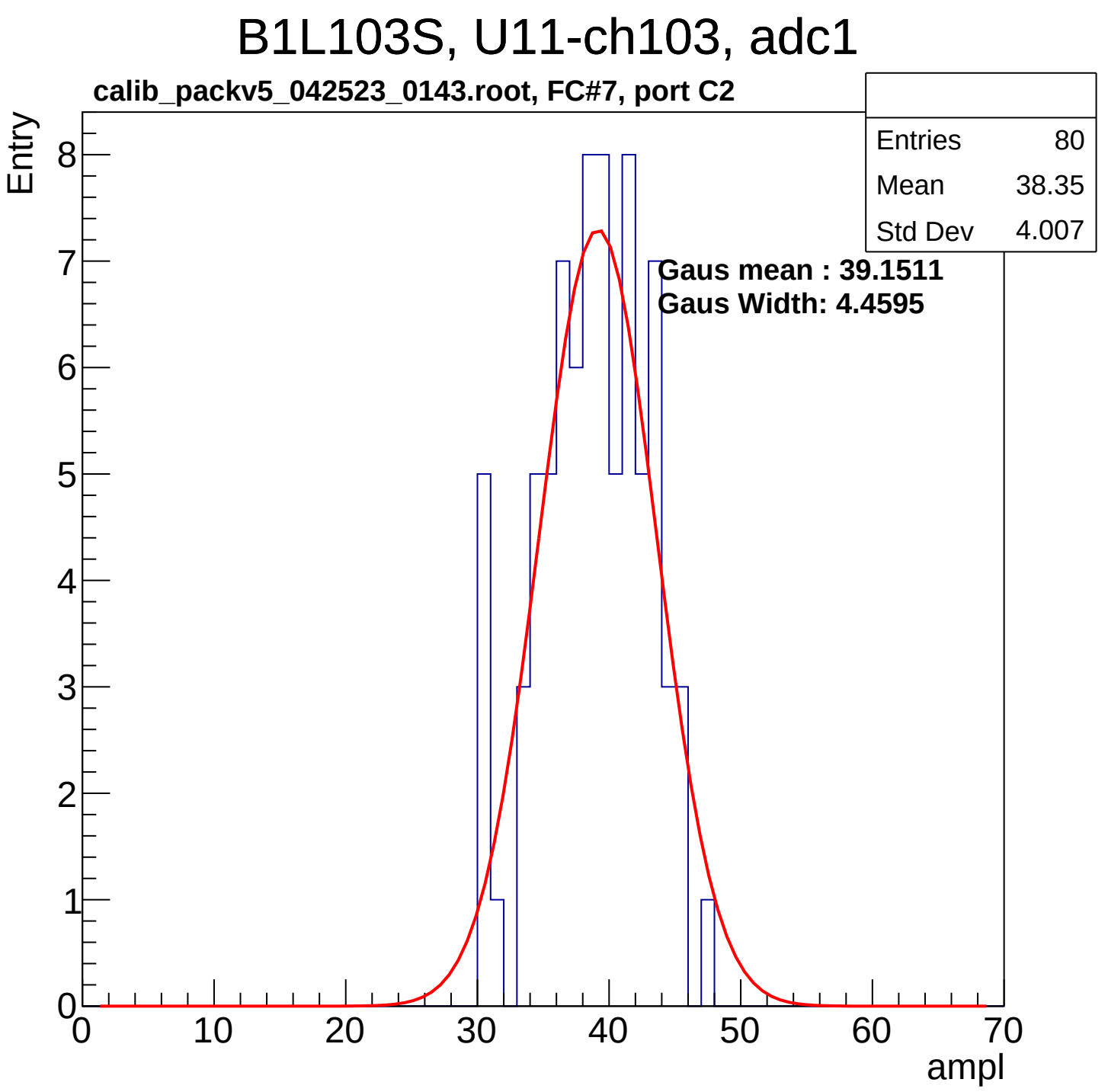
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch103, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 80
Mean 38.35
Std Dev 4.007
Gaus mean : 39.1511
Gaus Width: 4.4595
Entry
ampl
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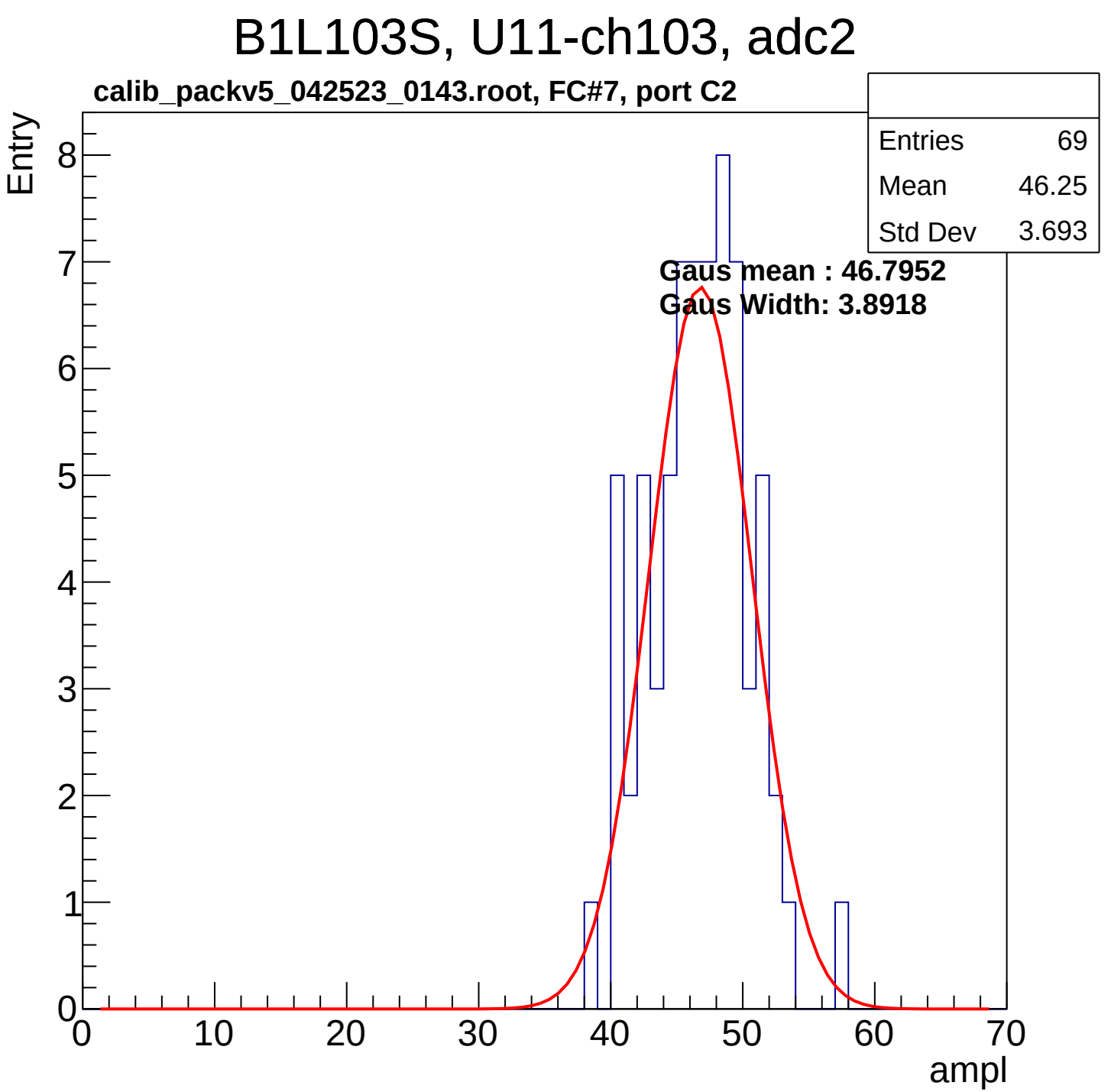
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch103, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 46.25
Std Dev 3.693
Gaus mean : 46.7952
Gaus Width: 3.8918
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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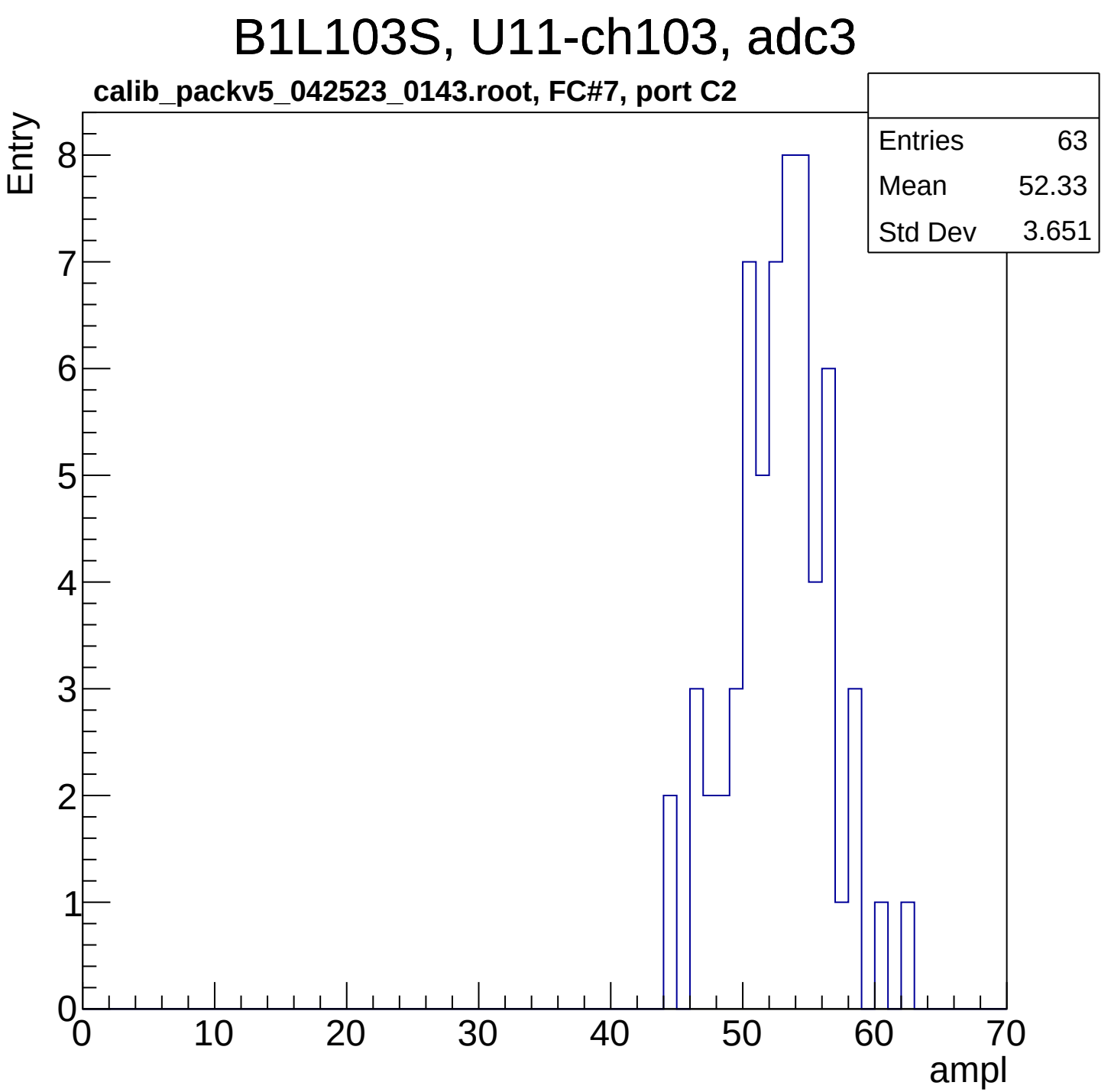
B1L103S, U11-ch103, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 52.33
Std Dev 3.651
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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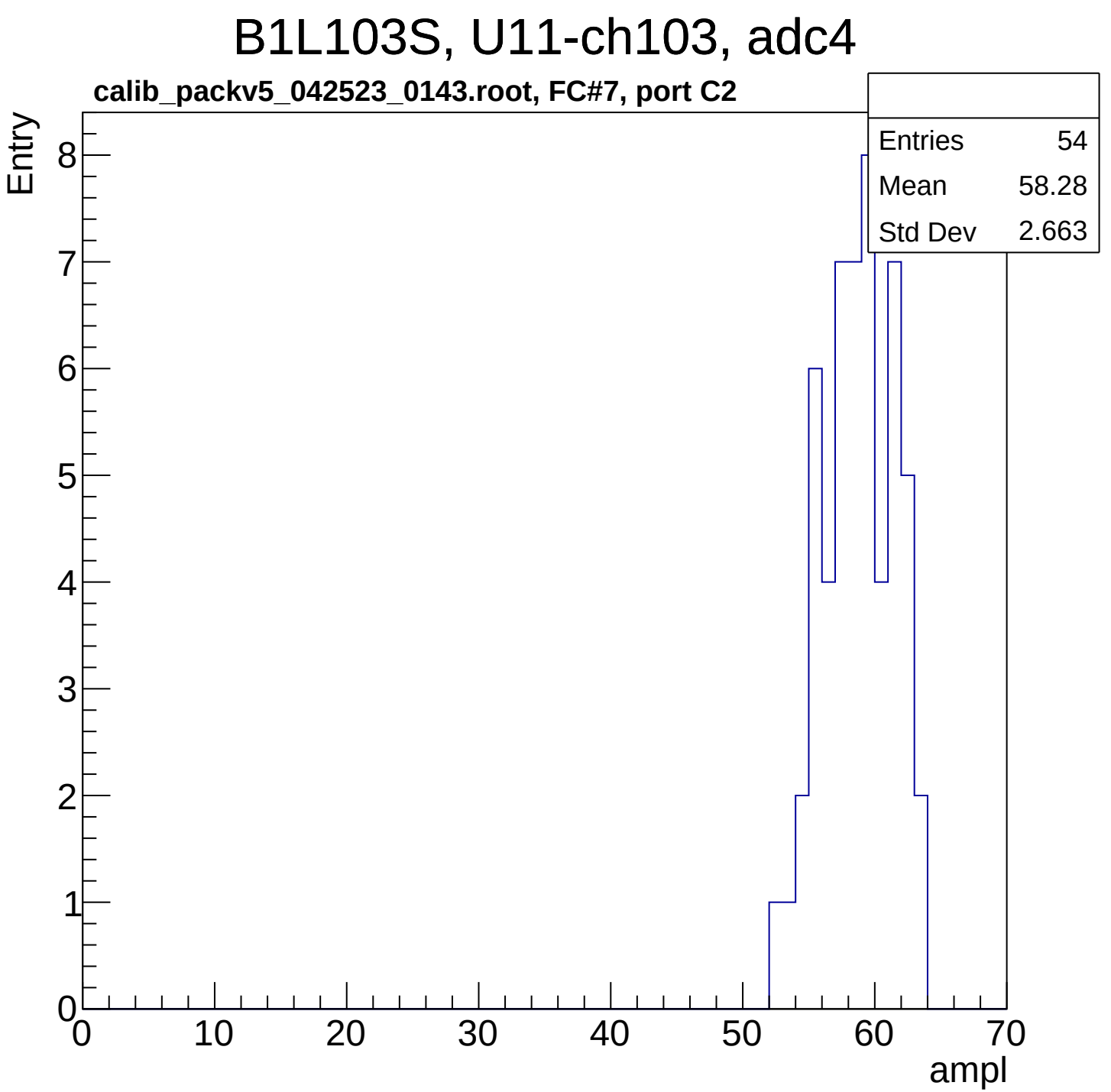
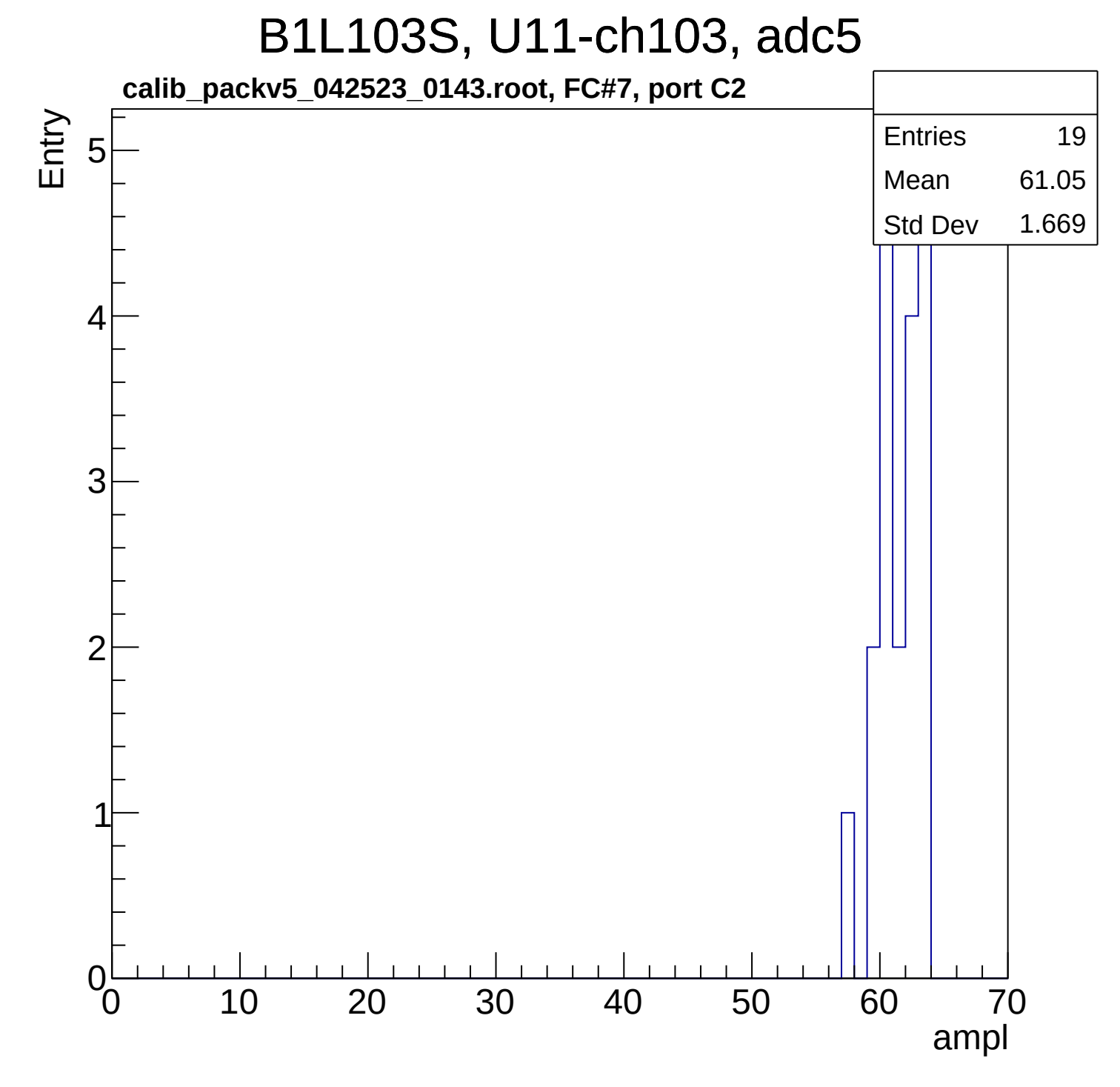
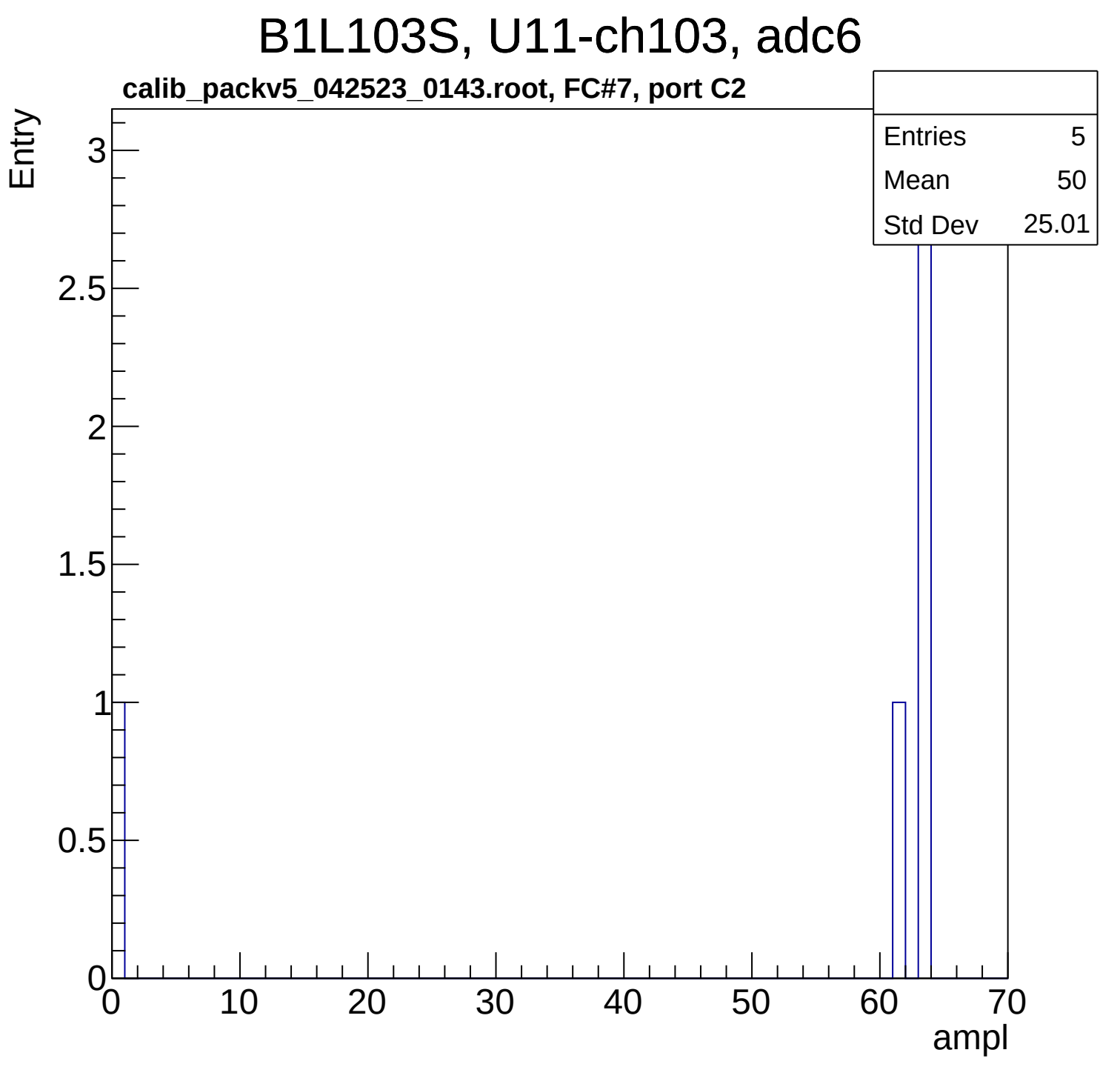

B1L103S, U11-ch103, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 58.28
Std Dev 2.663
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch103, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 19
Mean 61.05
Std Dev 1.669
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L103S, U11-ch103, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 50
Std Dev 25.01
Entry
ampl
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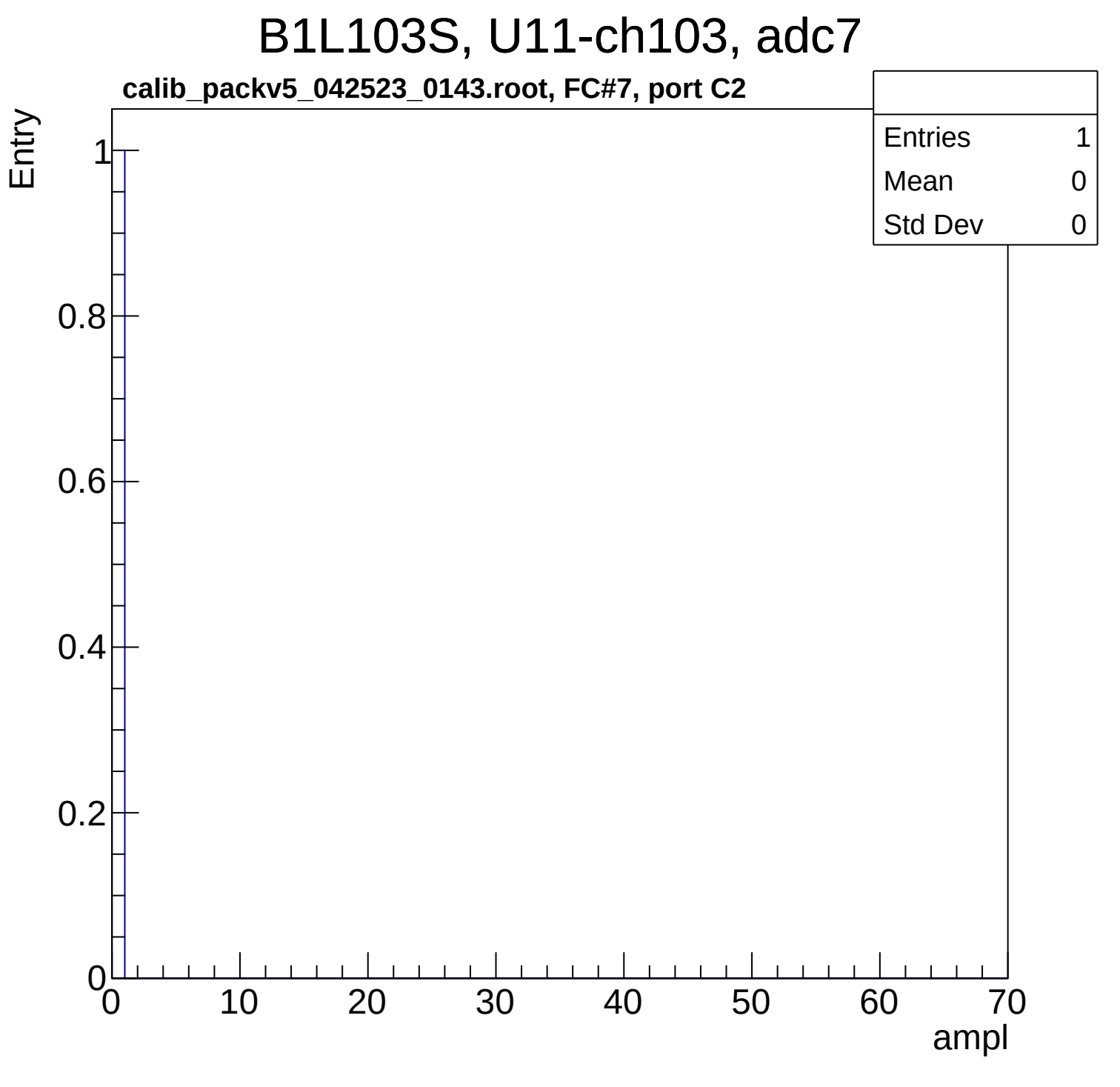
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U11-ch103, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
1
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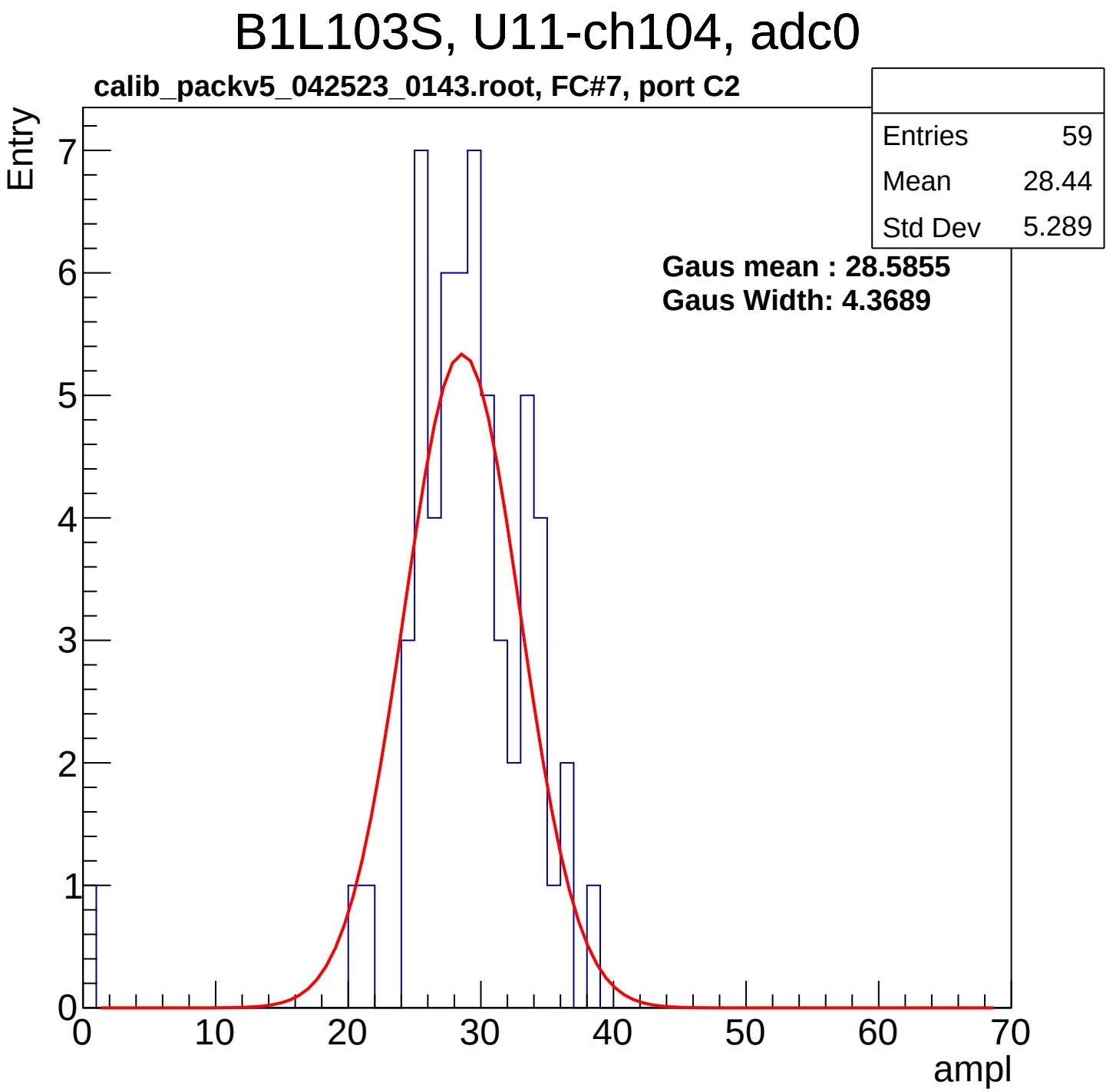
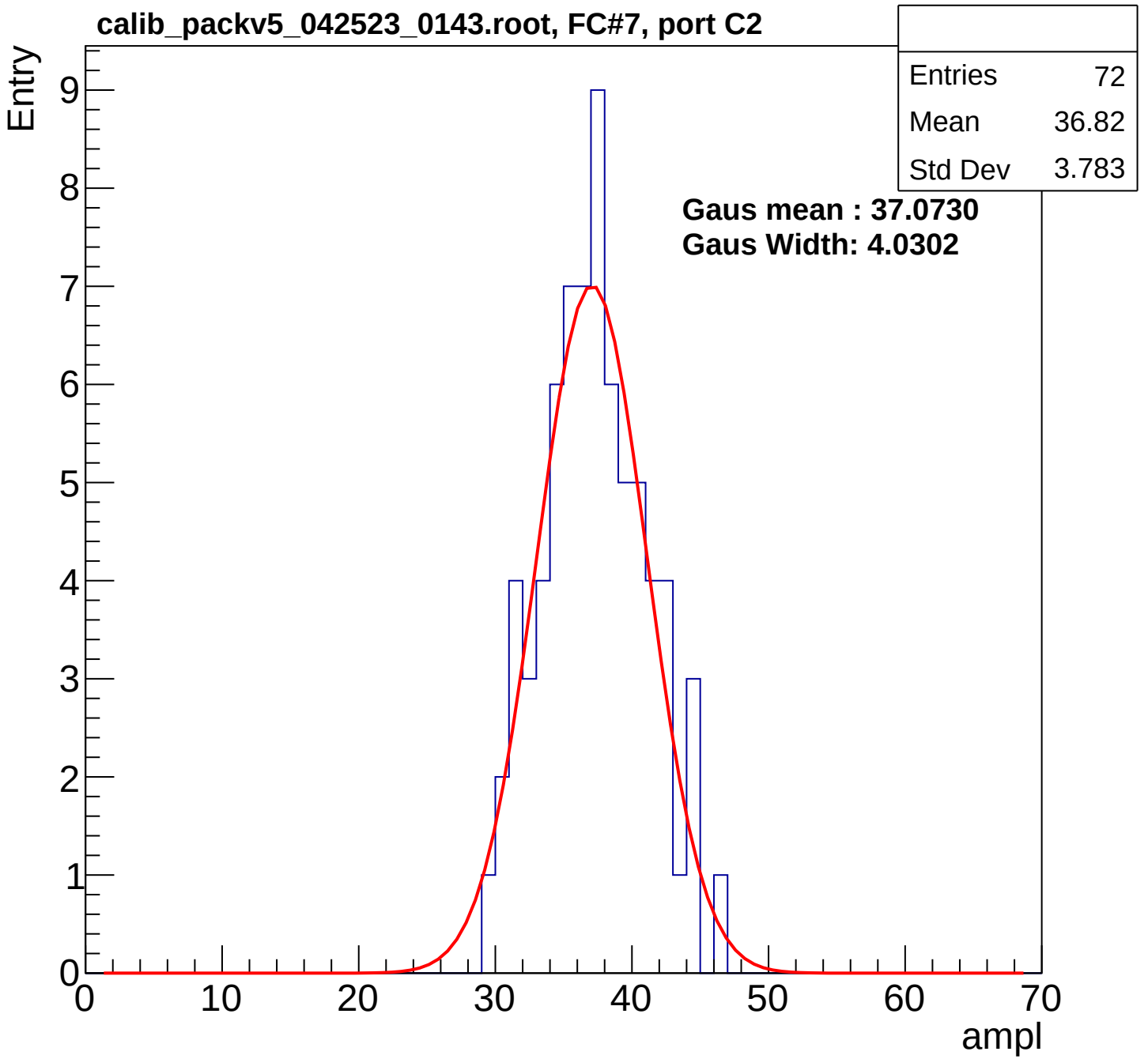
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch104, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 28.44
Std Dev 5.289
Gaus mean : 28.5855
Gaus Width: 4.3689
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U11-ch104, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 36.82
Std Dev 3.783
Gaus mean : 37.0730
Gaus Width: 4.0302
Entry
ampl
0
1
2
3
4
5
6
7
8
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0
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40
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60
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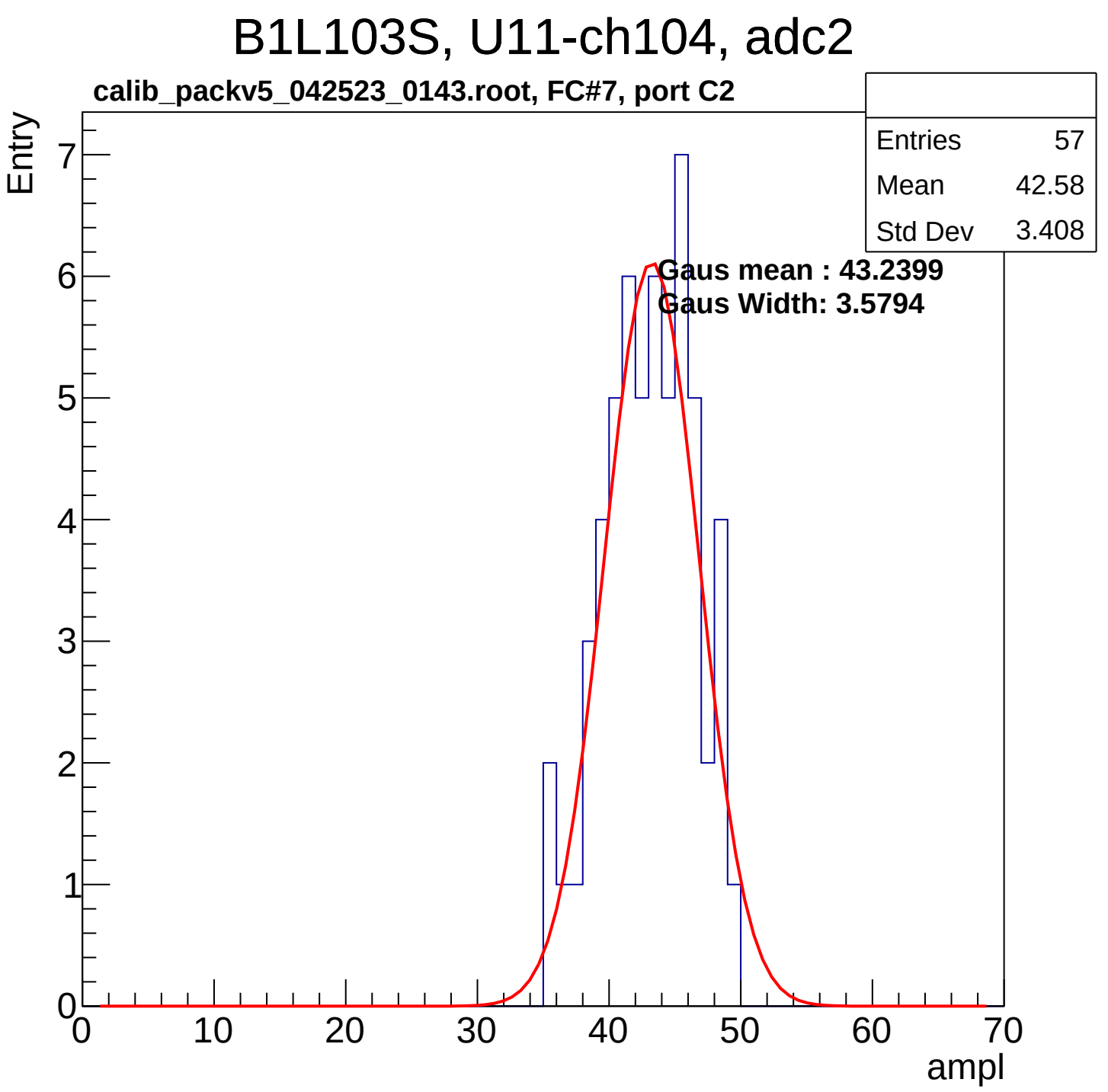
B1L103S, U11-ch104, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 42.58
Std Dev 3.408
Gaus mean : 43.2399
Gaus Width: 3.5794
Entry
ampl
0
1
2
3
4
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6
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0
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60
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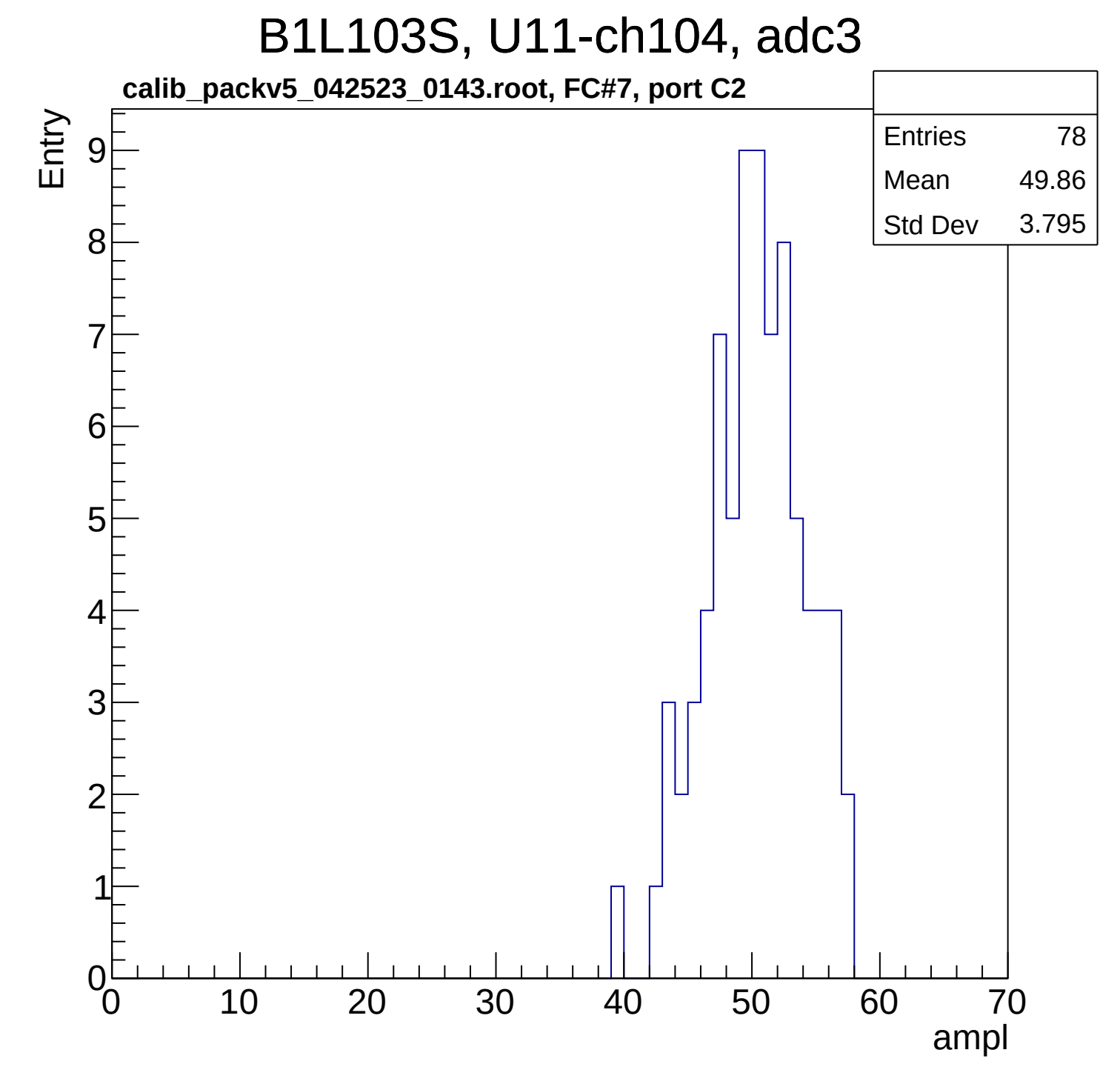
B1L103S, U11-ch104, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 78
Mean 49.86
Std Dev 3.795
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
30
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60
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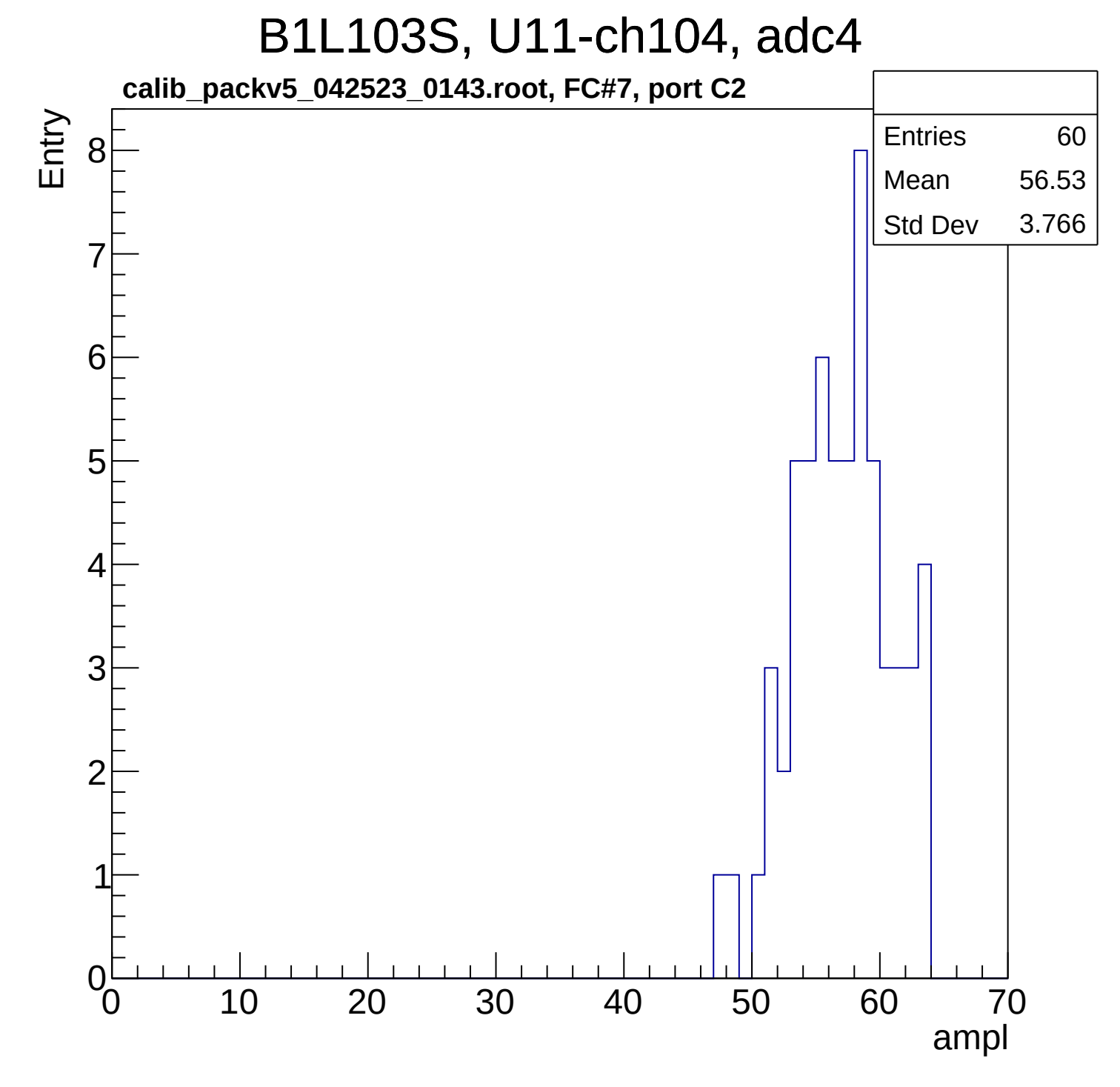
B1L103S, U11-ch104, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 56.53
Std Dev 3.766
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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20
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40
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60
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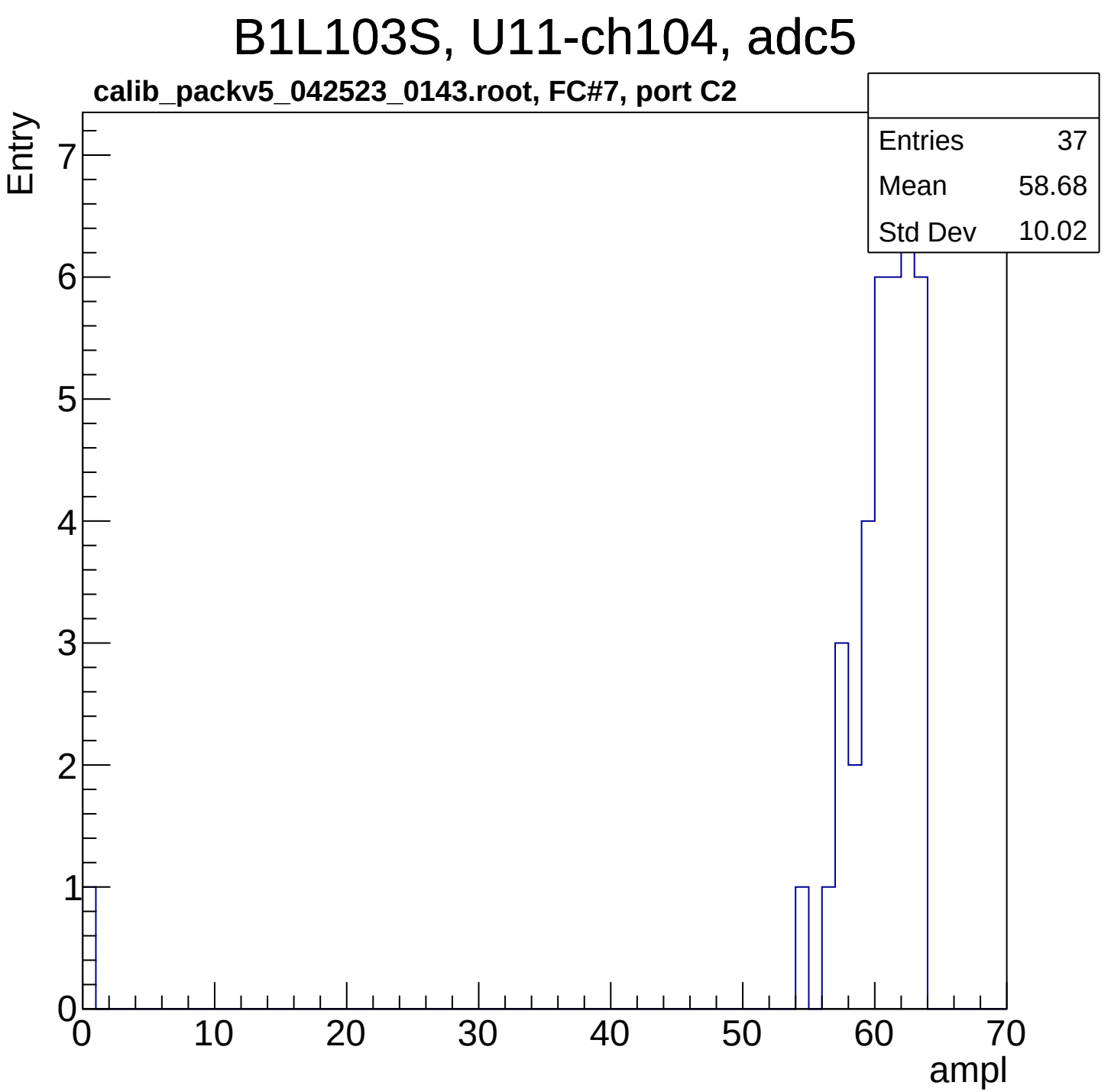
B1L103S, U11-ch104, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 37
Mean 58.68
Std Dev 10.02
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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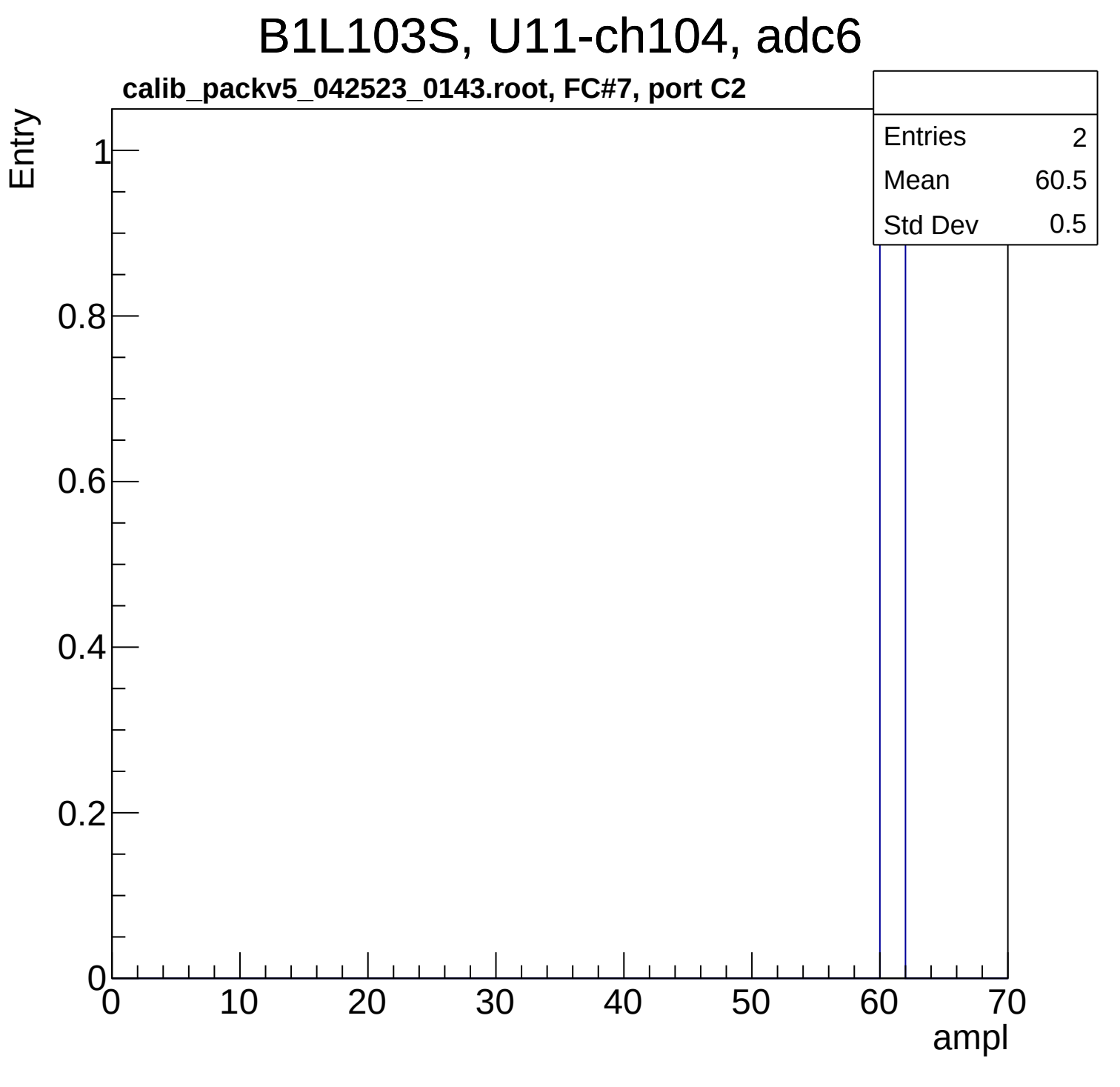
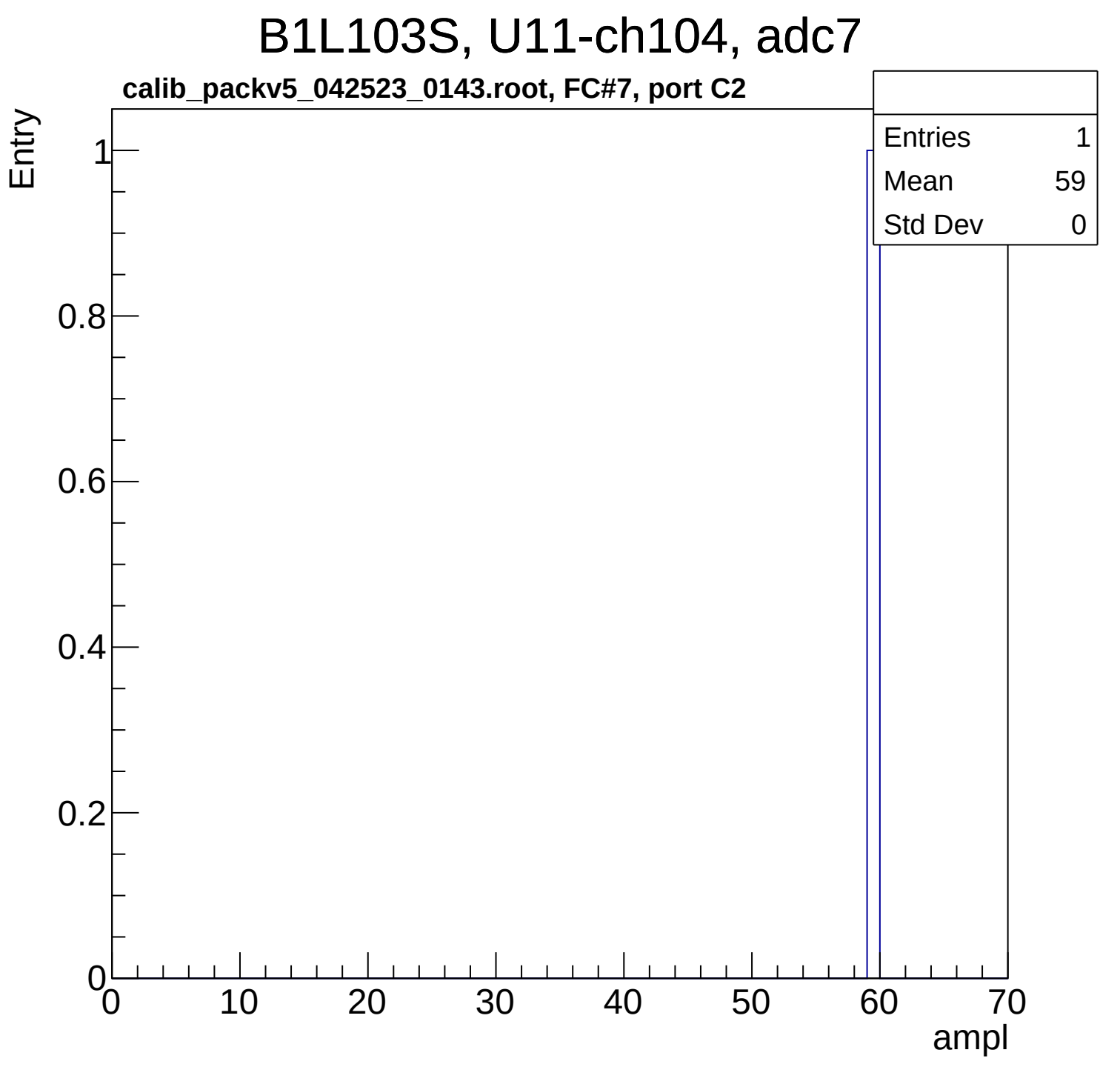
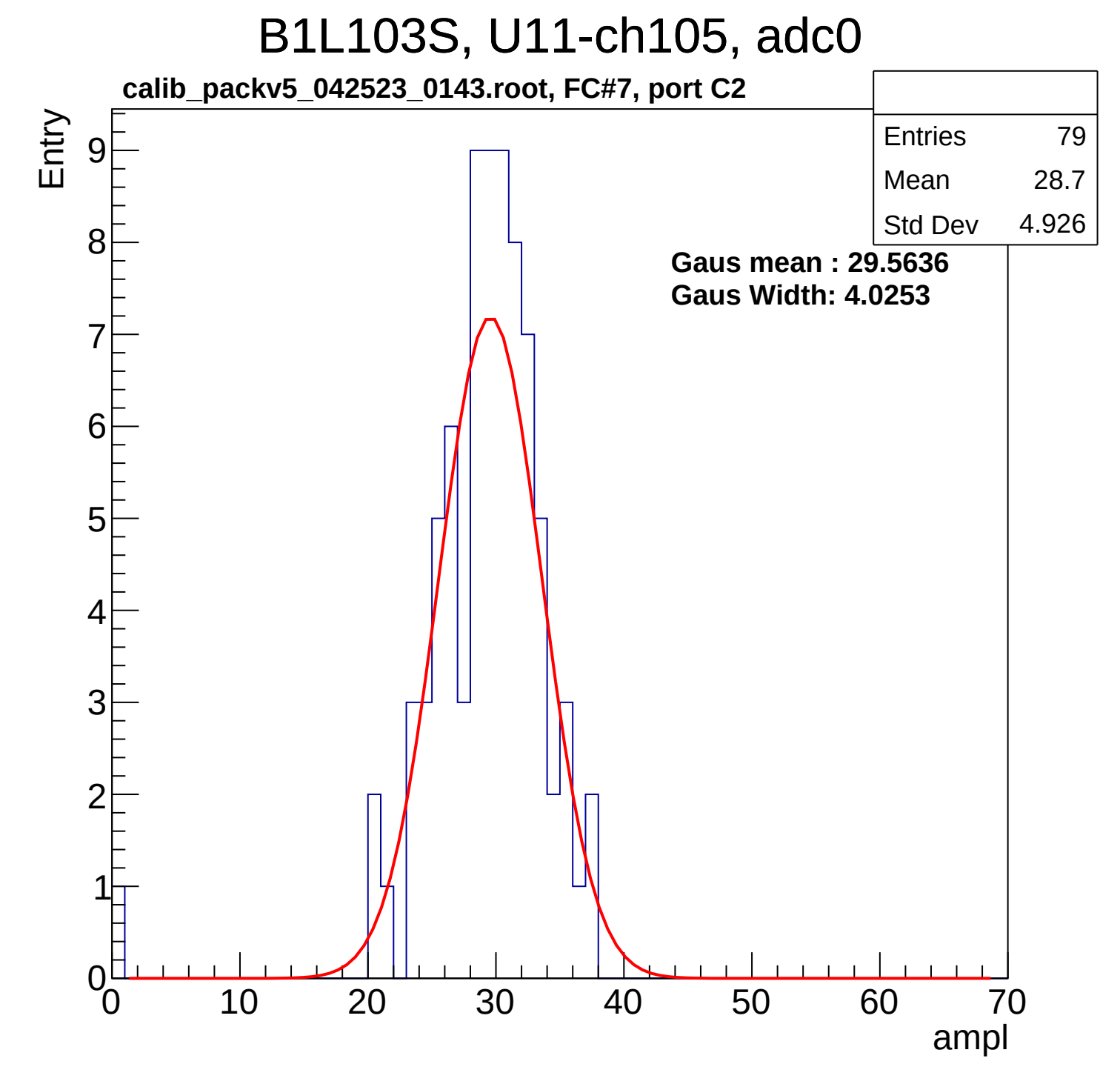

B1L103S, U11-ch104, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 60.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch104, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 59
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch105, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 79
Mean 28.7
Std Dev 4.926
Gaus mean : 29.5636
Gaus Width: 4.0253
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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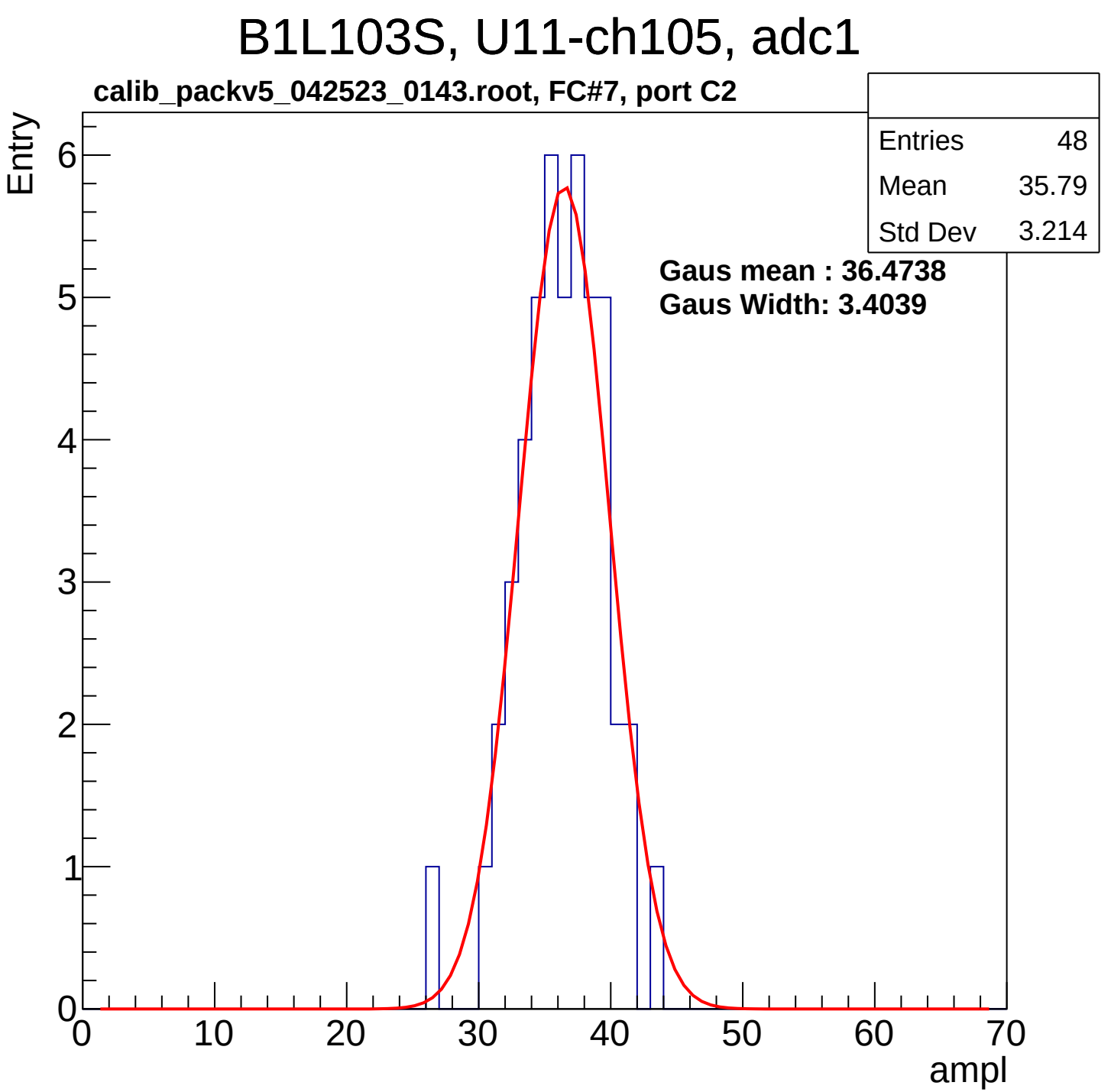
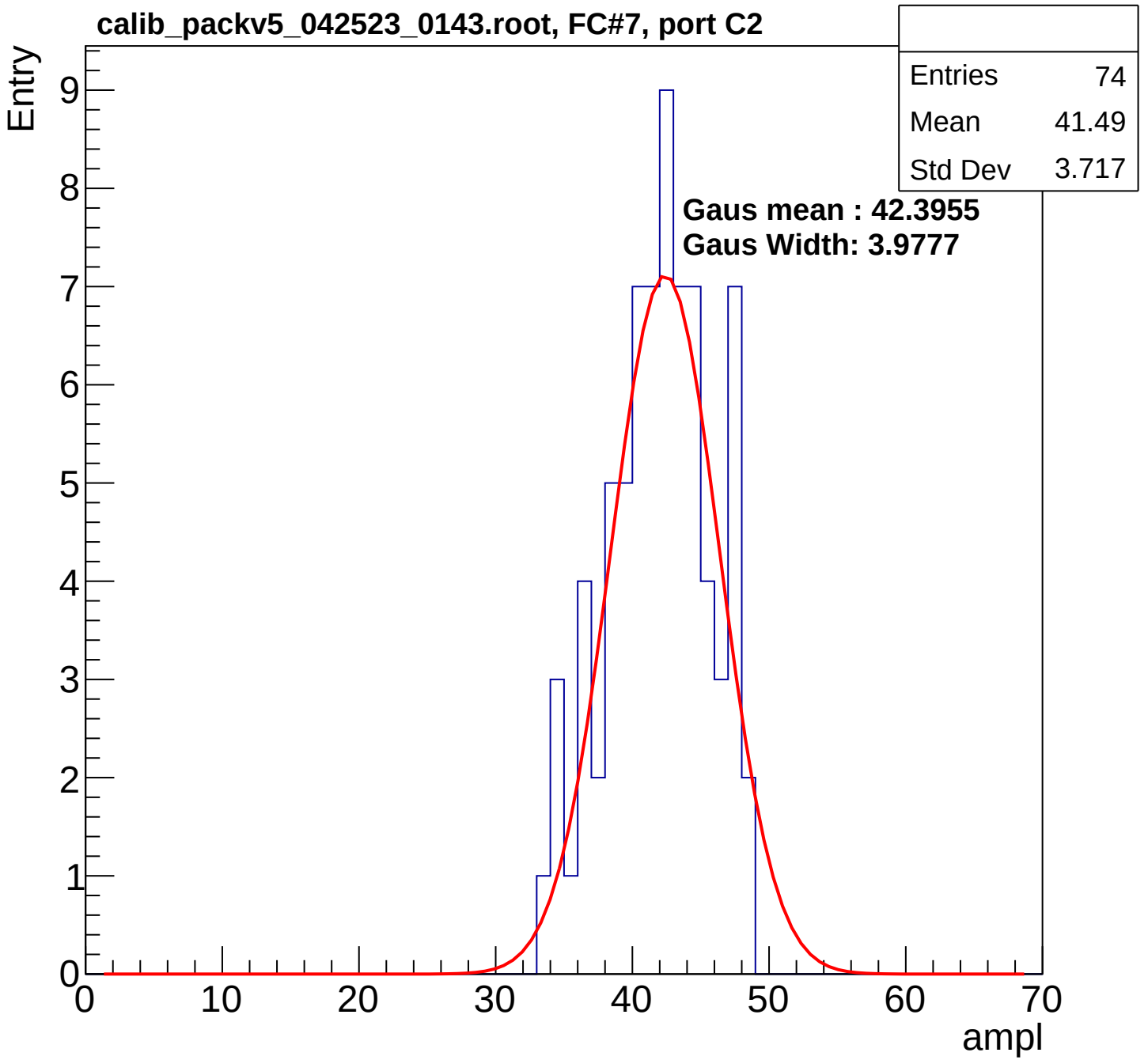
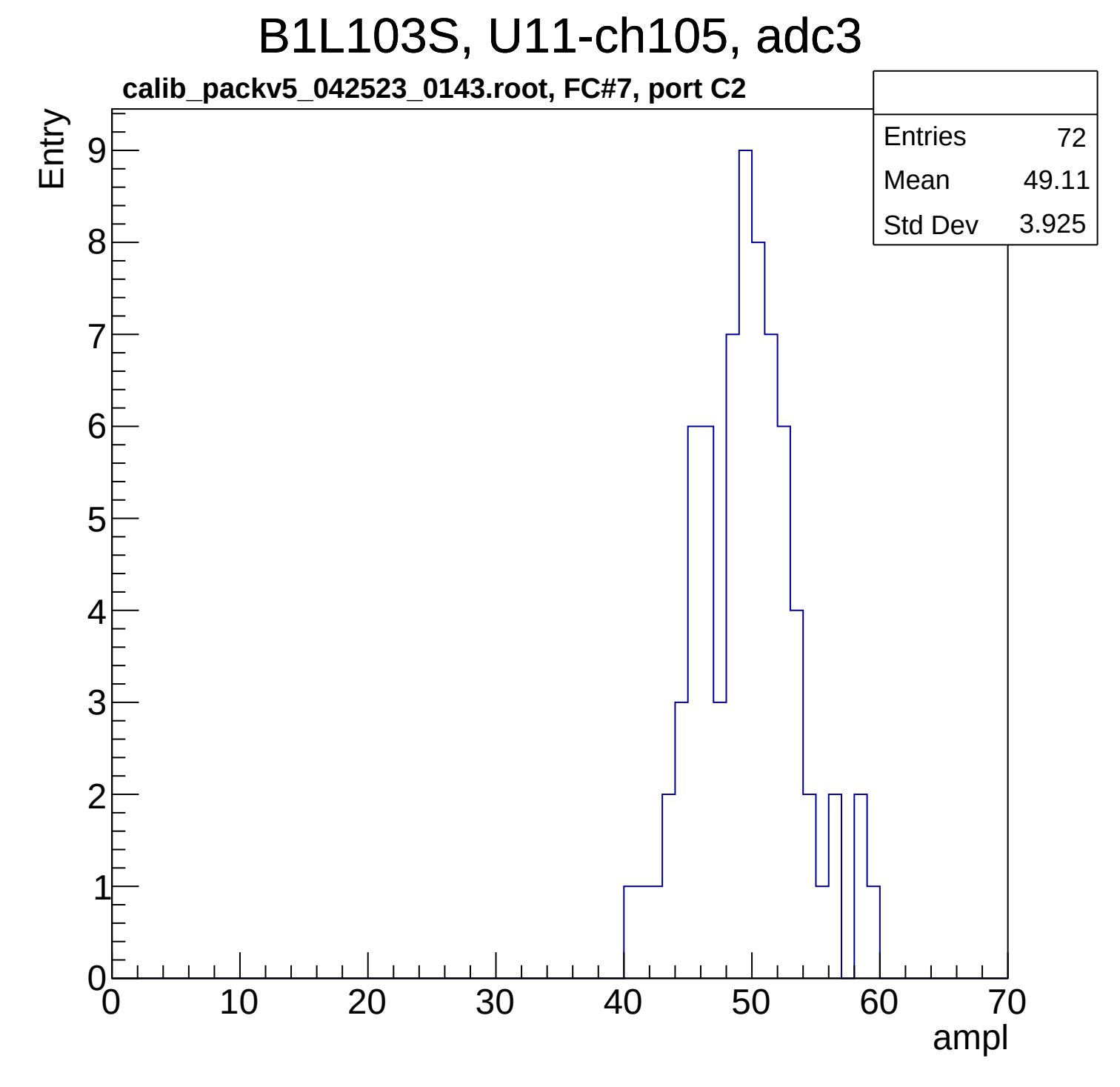
60
70


B1L103S, U11-ch105, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 48
Mean 35.79
Std Dev 3.214
Gaus mean : 36.4738
Gaus Width: 3.4039
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L103S, U11-ch105, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 41.49
Std Dev 3.717
Gaus mean : 42.3955
Gaus Width: 3.9777
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch105, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 49.11
Std Dev 3.925
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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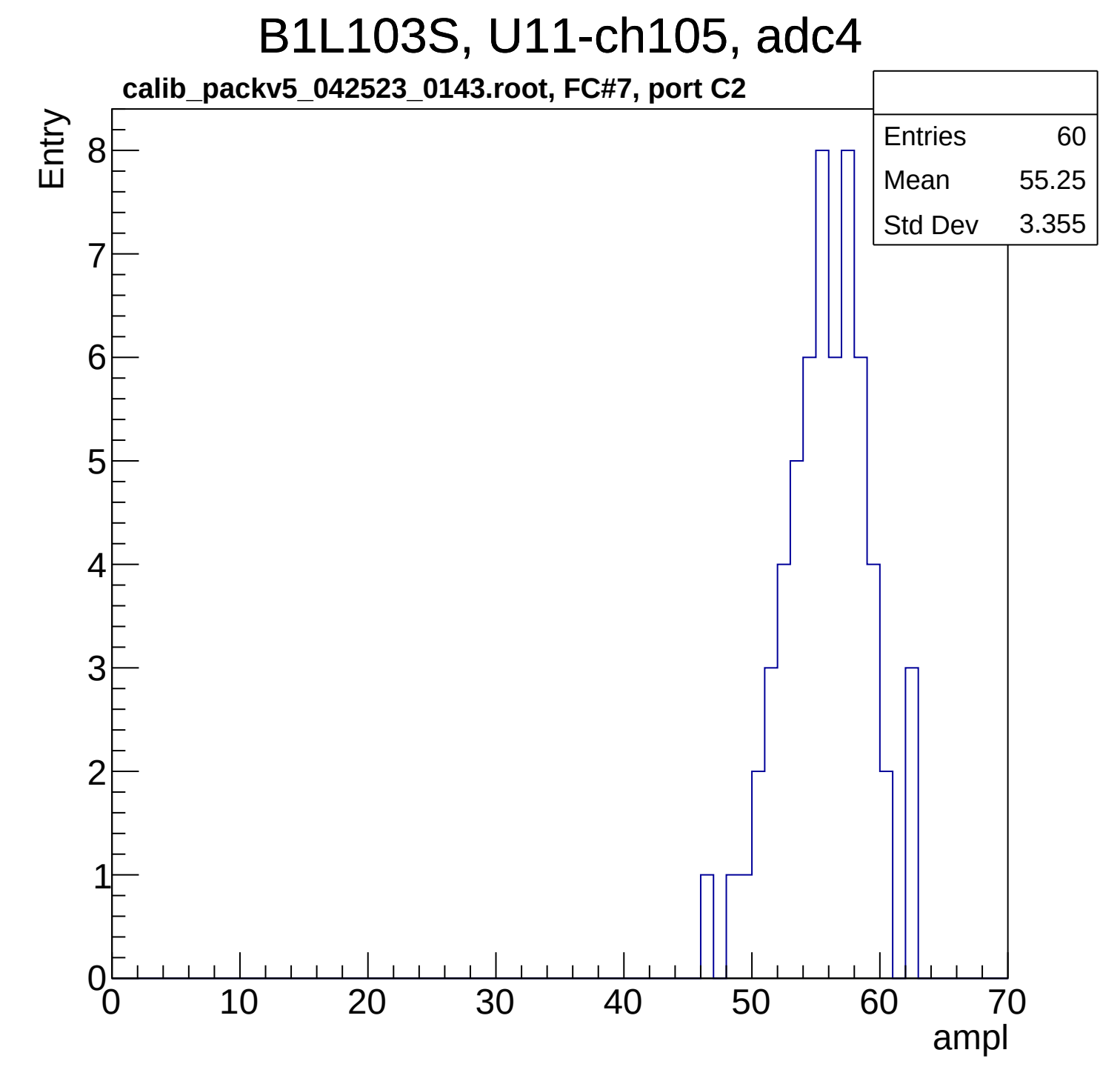
B1L103S, U11-ch105, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 55.25
Std Dev 3.355
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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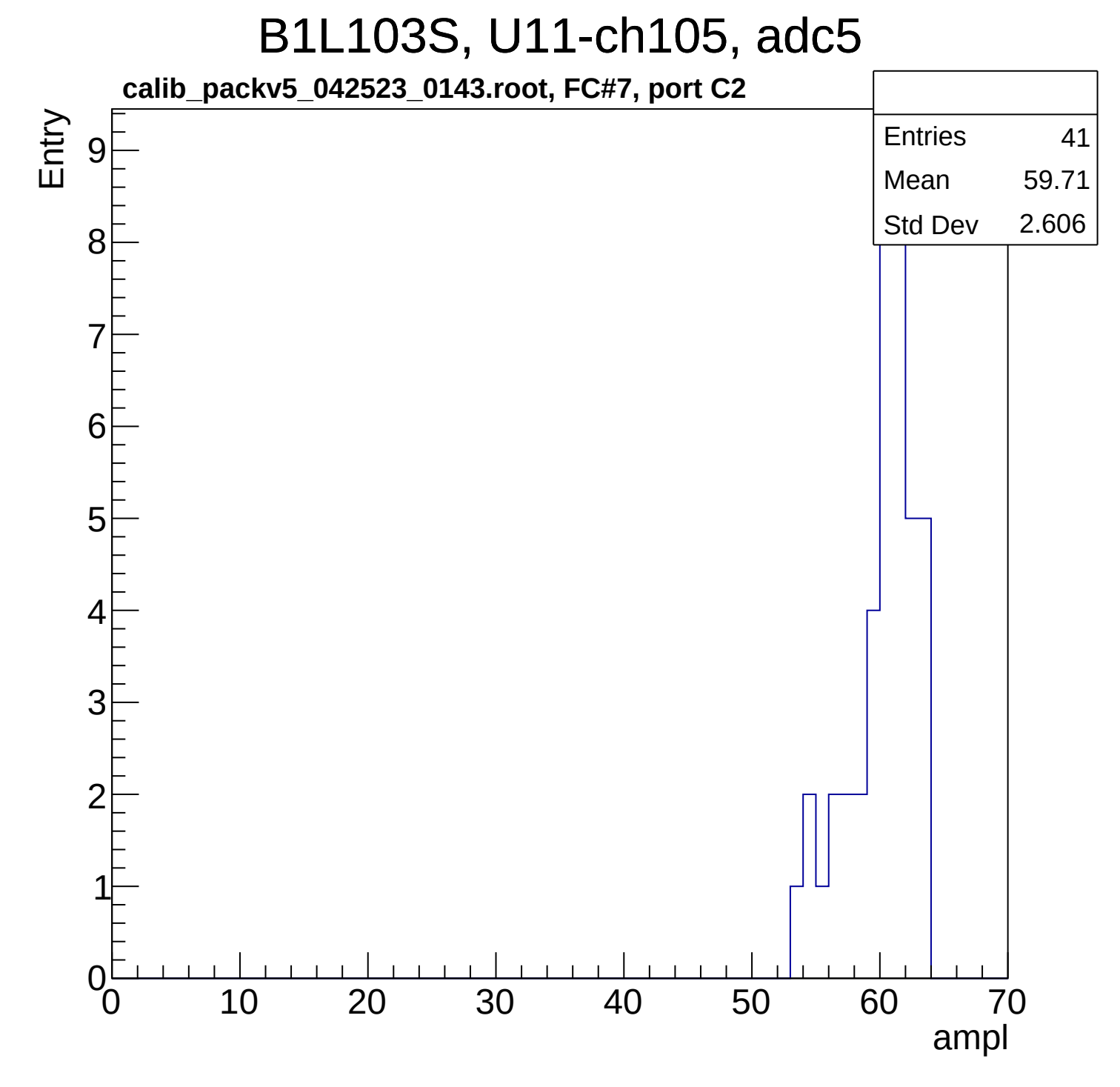
B1L103S, U11-ch105, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 41
Mean 59.71
Std Dev 2.606
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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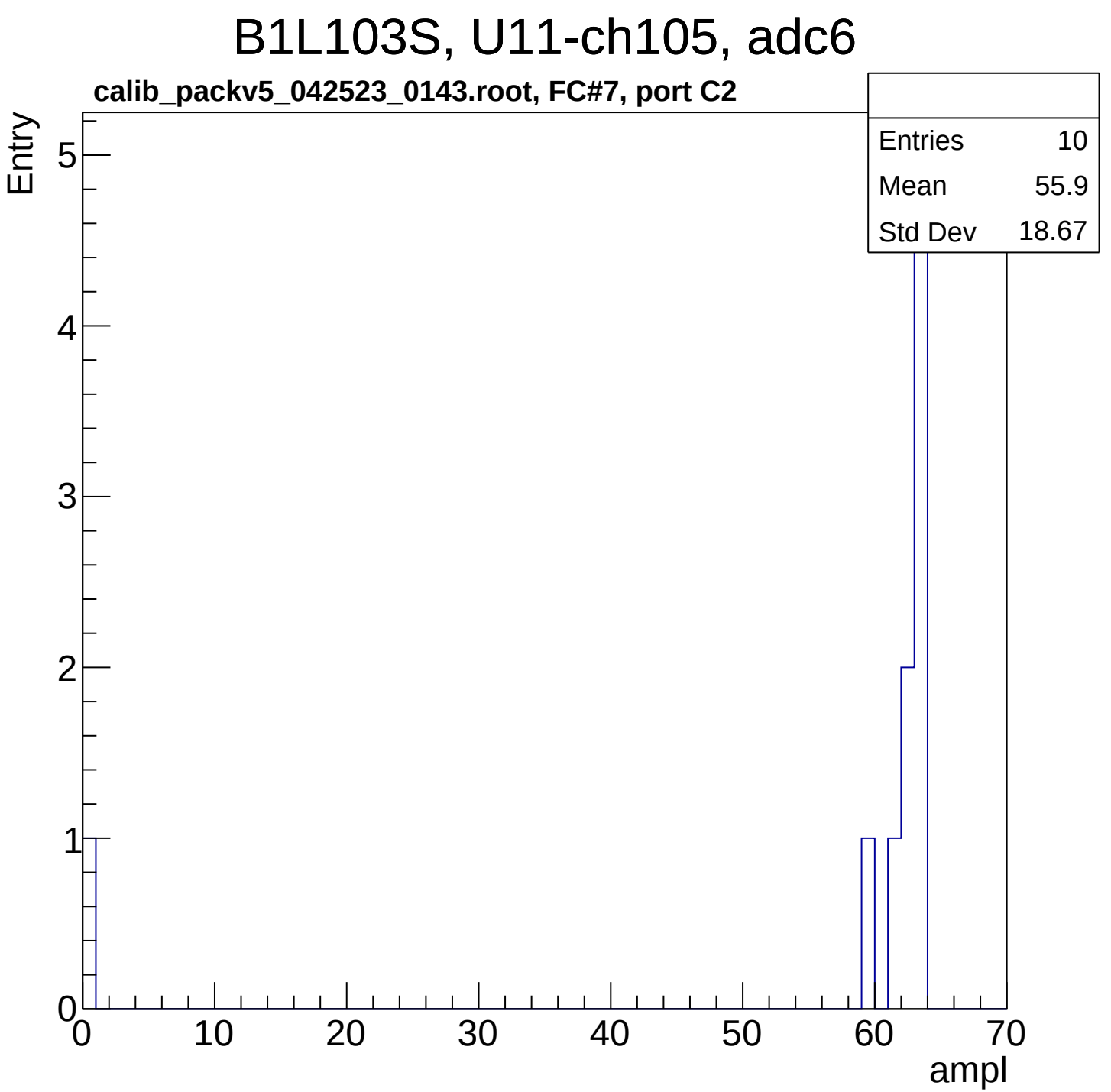
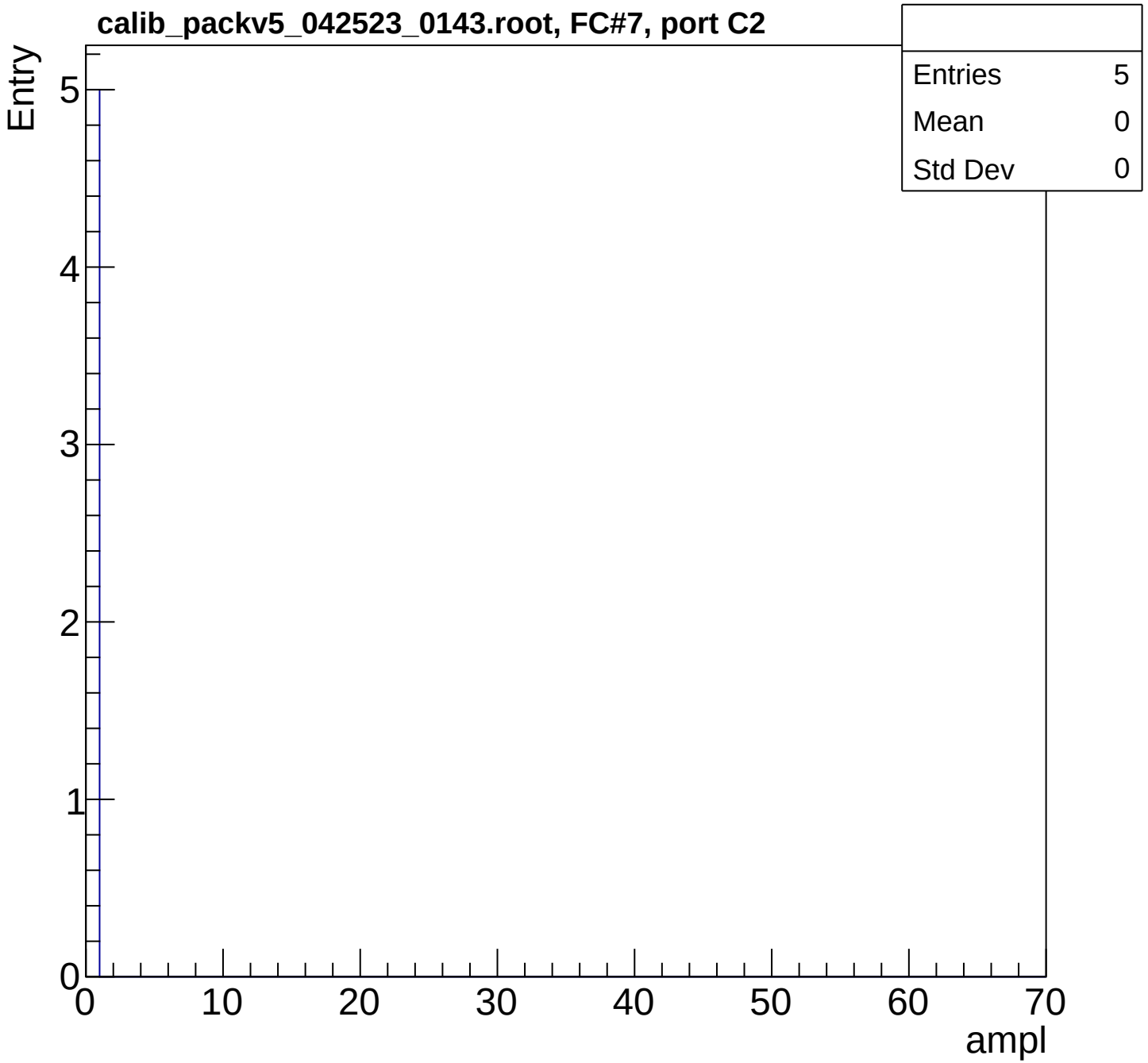
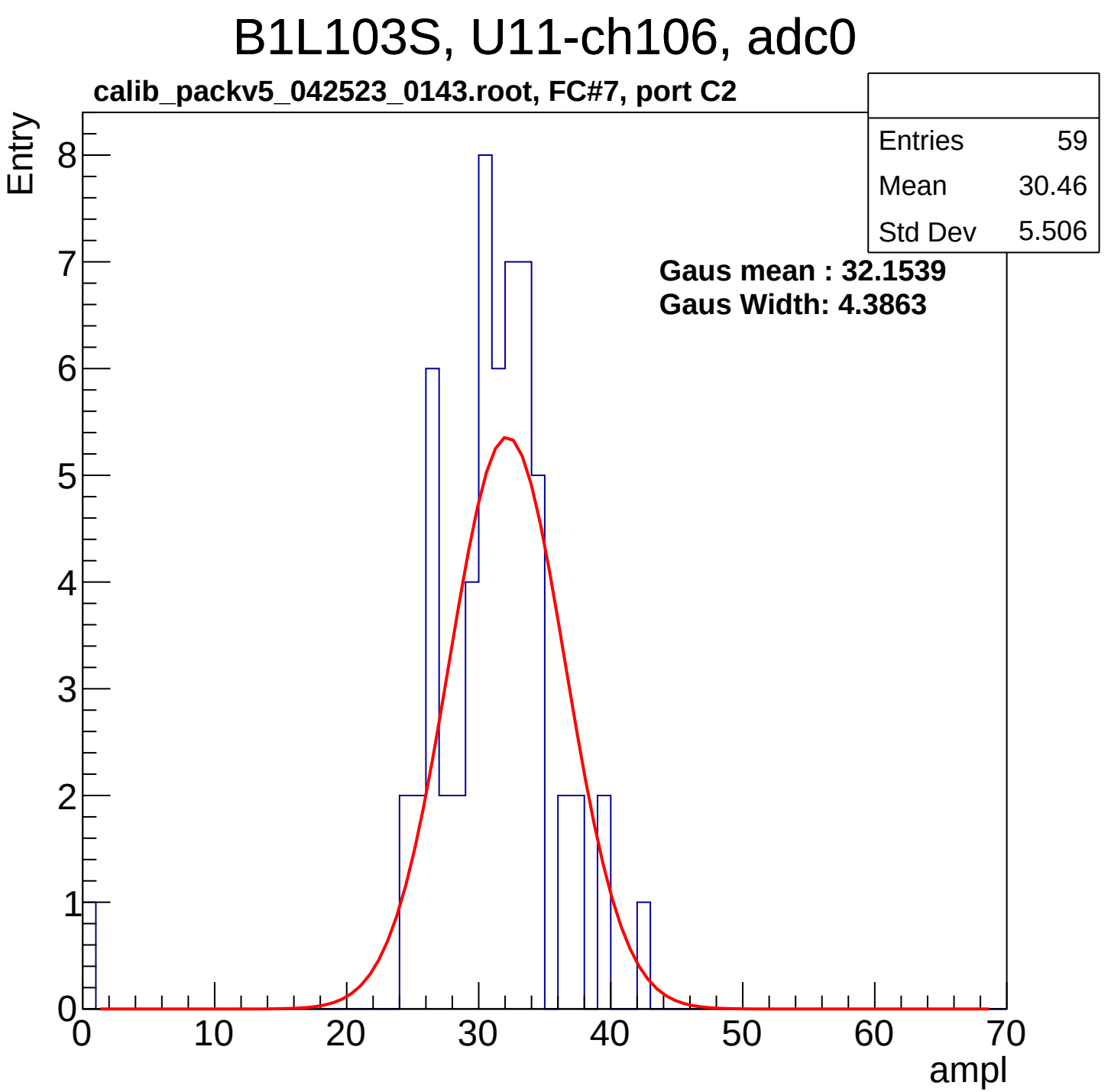

B1L103S, U11-ch105, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 10
Mean 55.9
Std Dev 18.67
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch105, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 0
Std Dev 0
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch106, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 30.46
Std Dev 5.506
Gaus mean : 32.1539
Gaus Width: 4.3863
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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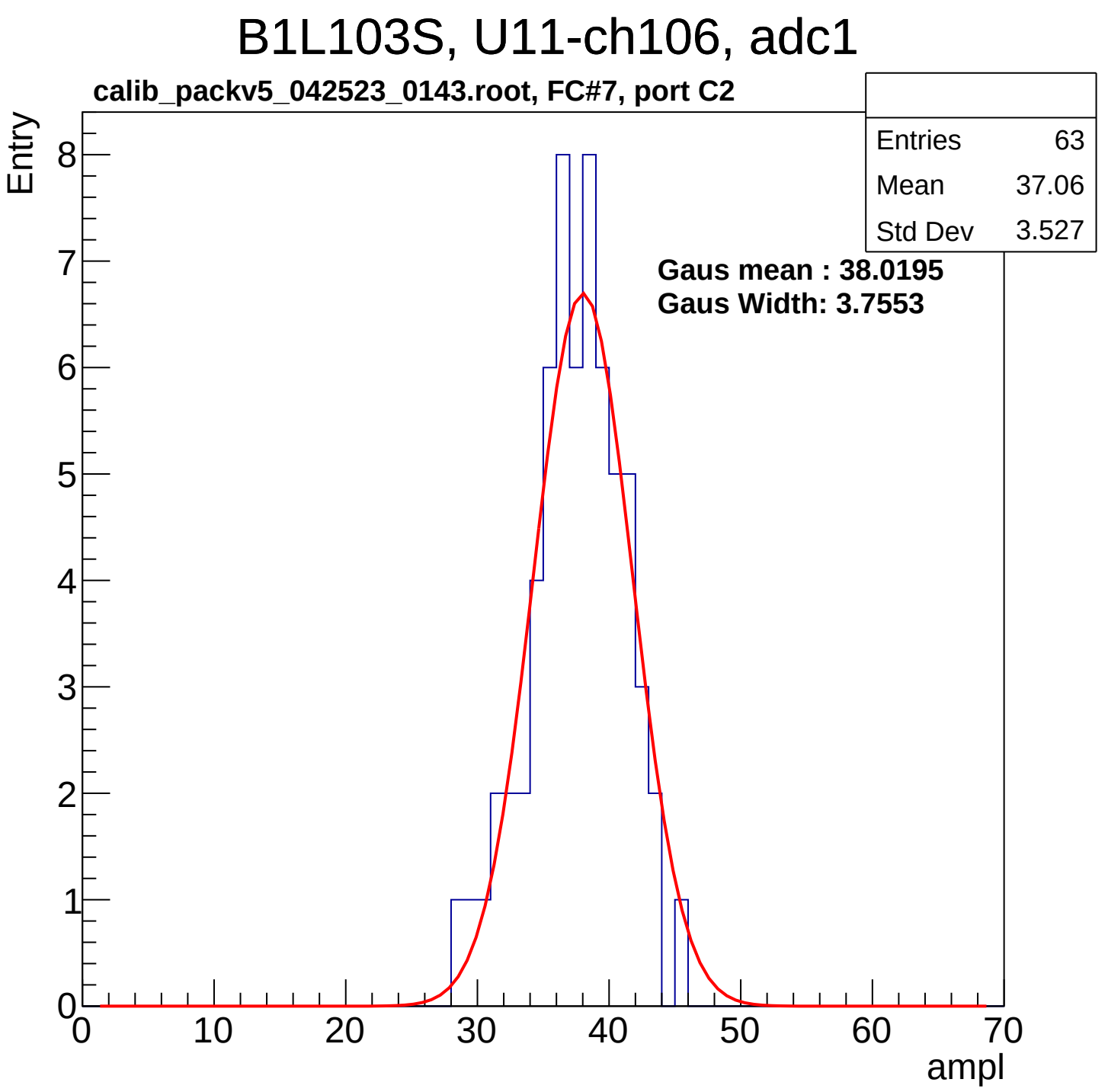
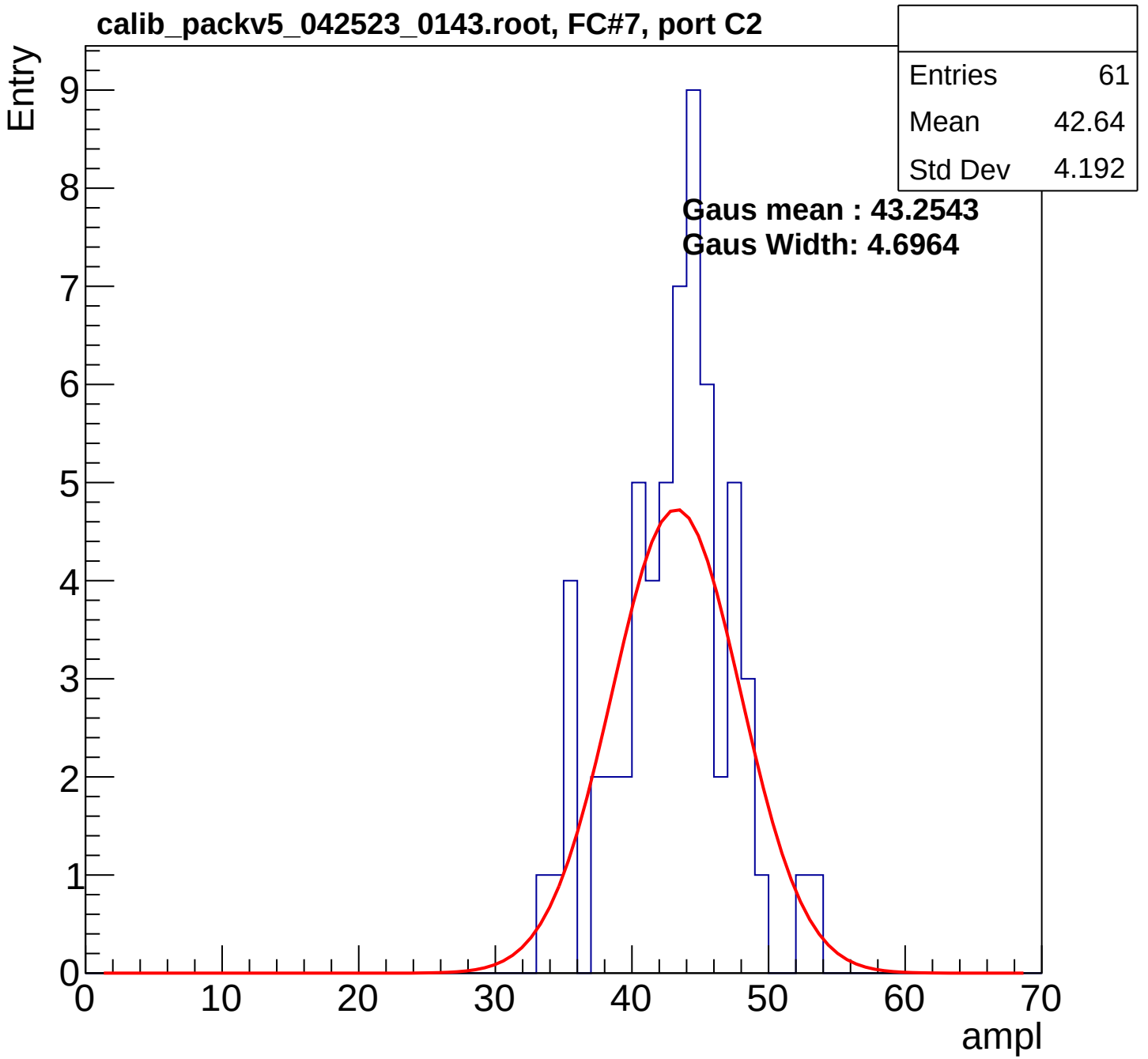

B1L103S, U11-ch106, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 37.06
Std Dev 3.527
Gaus mean : 38.0195
Gaus Width: 3.7553
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch106, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 42.64
Std Dev 4.192
Gaus mean : 43.2543
Gaus Width: 4.6964
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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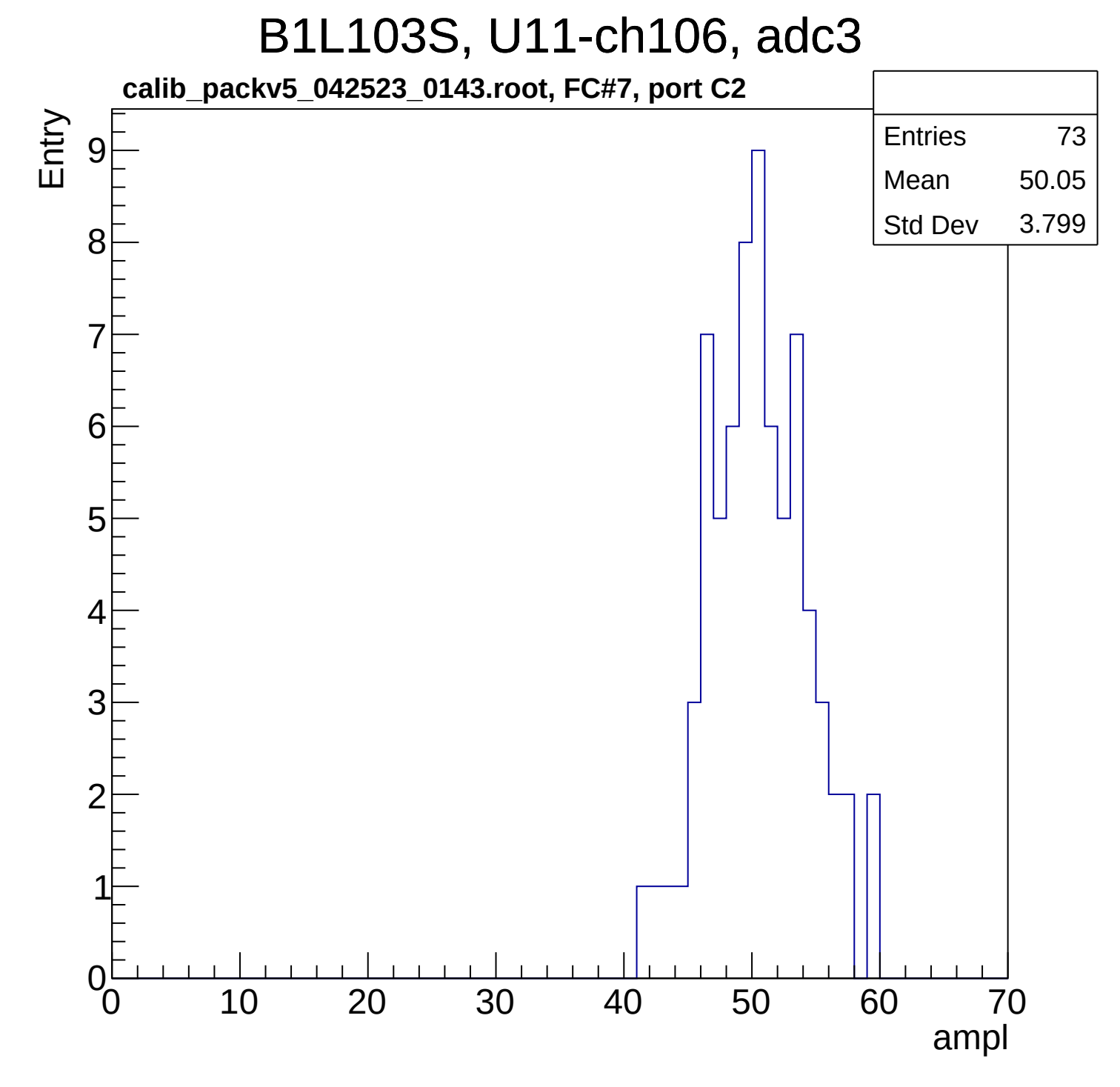
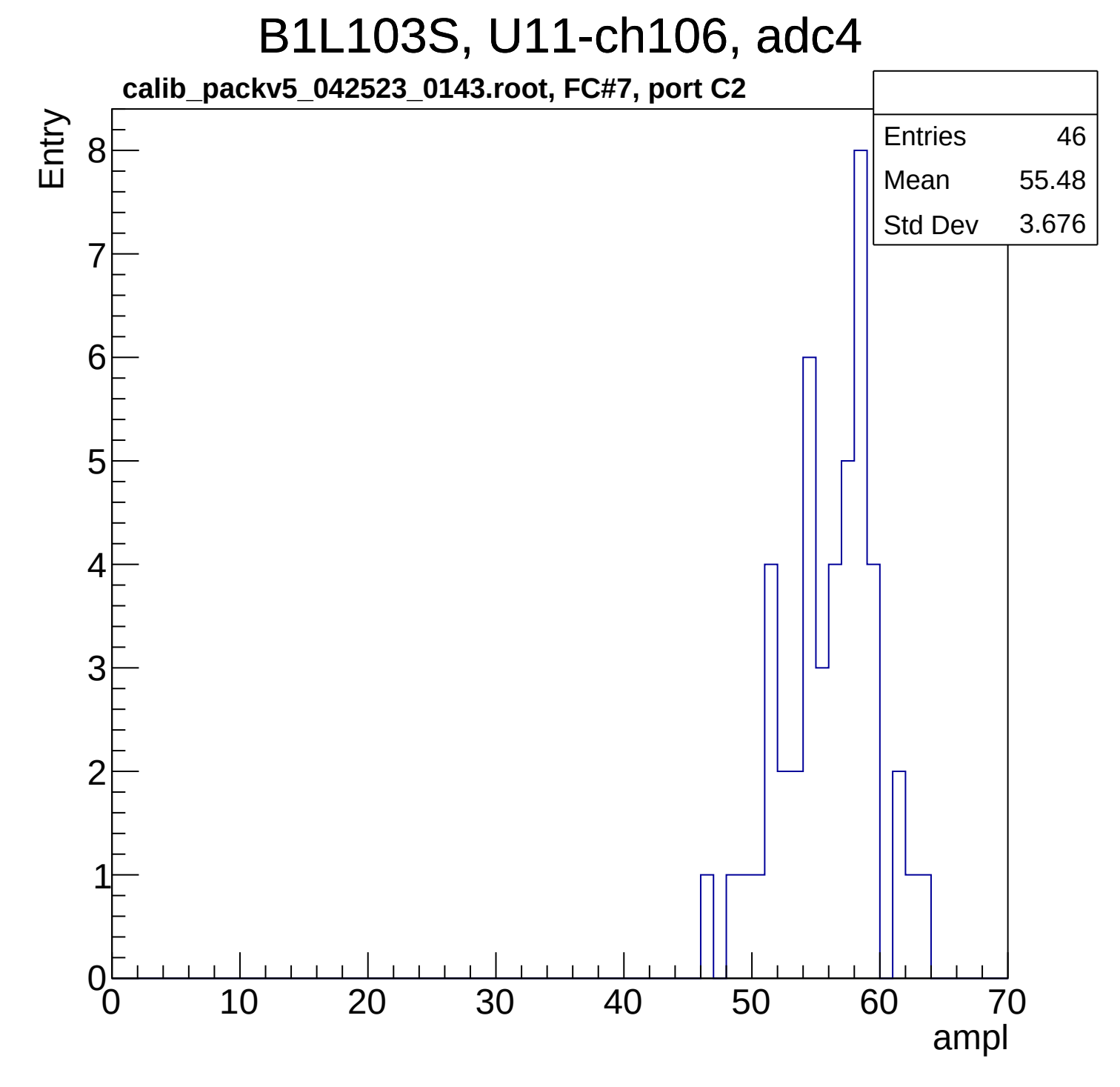

B1L103S, U11-ch106, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 50.05
Std Dev 3.799
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch106, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 46
Mean 55.48
Std Dev 3.676
Entry
ampl
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1
2
3
4
5
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7
8
0
10
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40
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60
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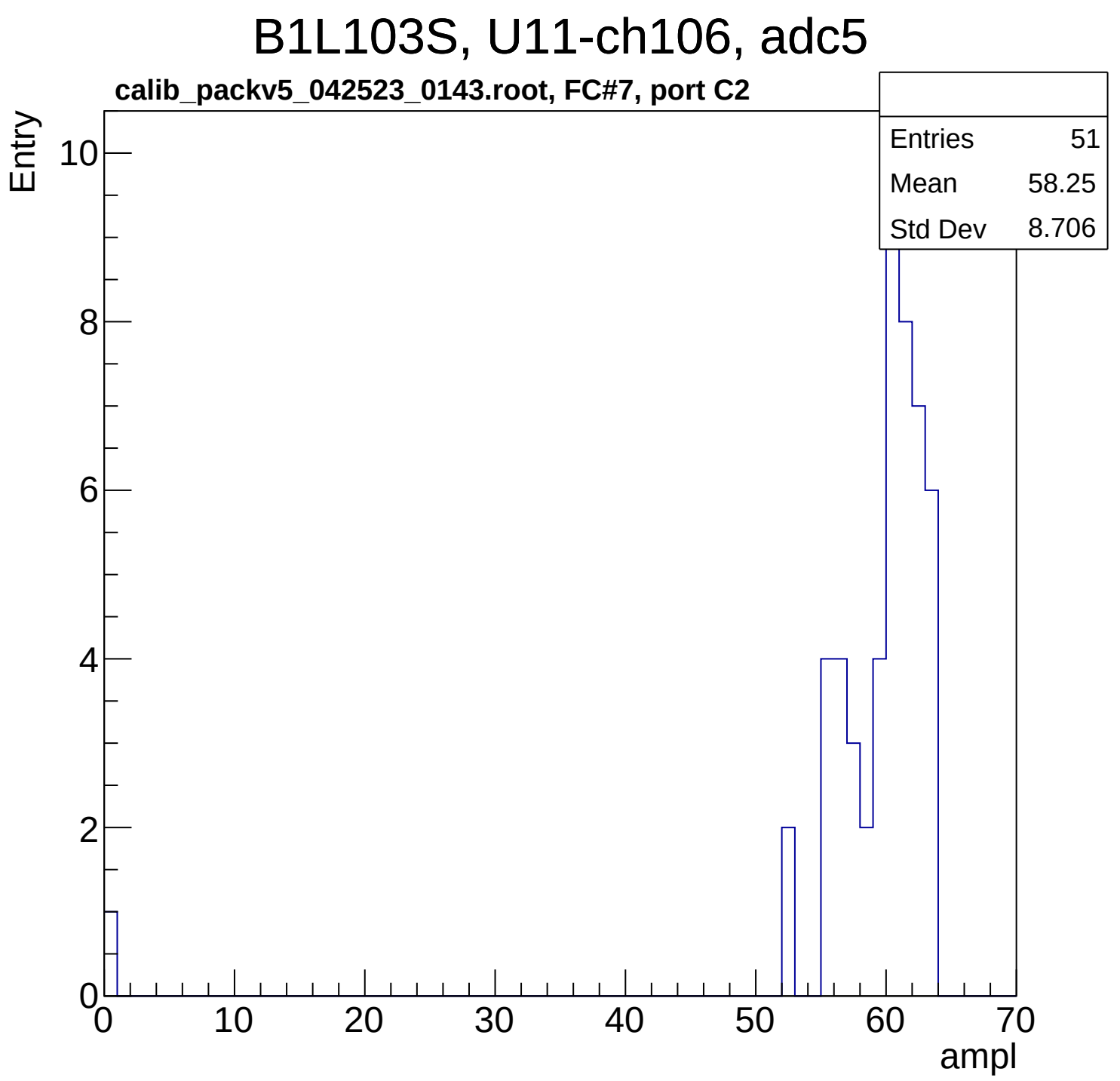
B1L103S, U11-ch106, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 58.25
Std Dev 8.706
Entry
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2
4
6
8
10
0
10
20
30
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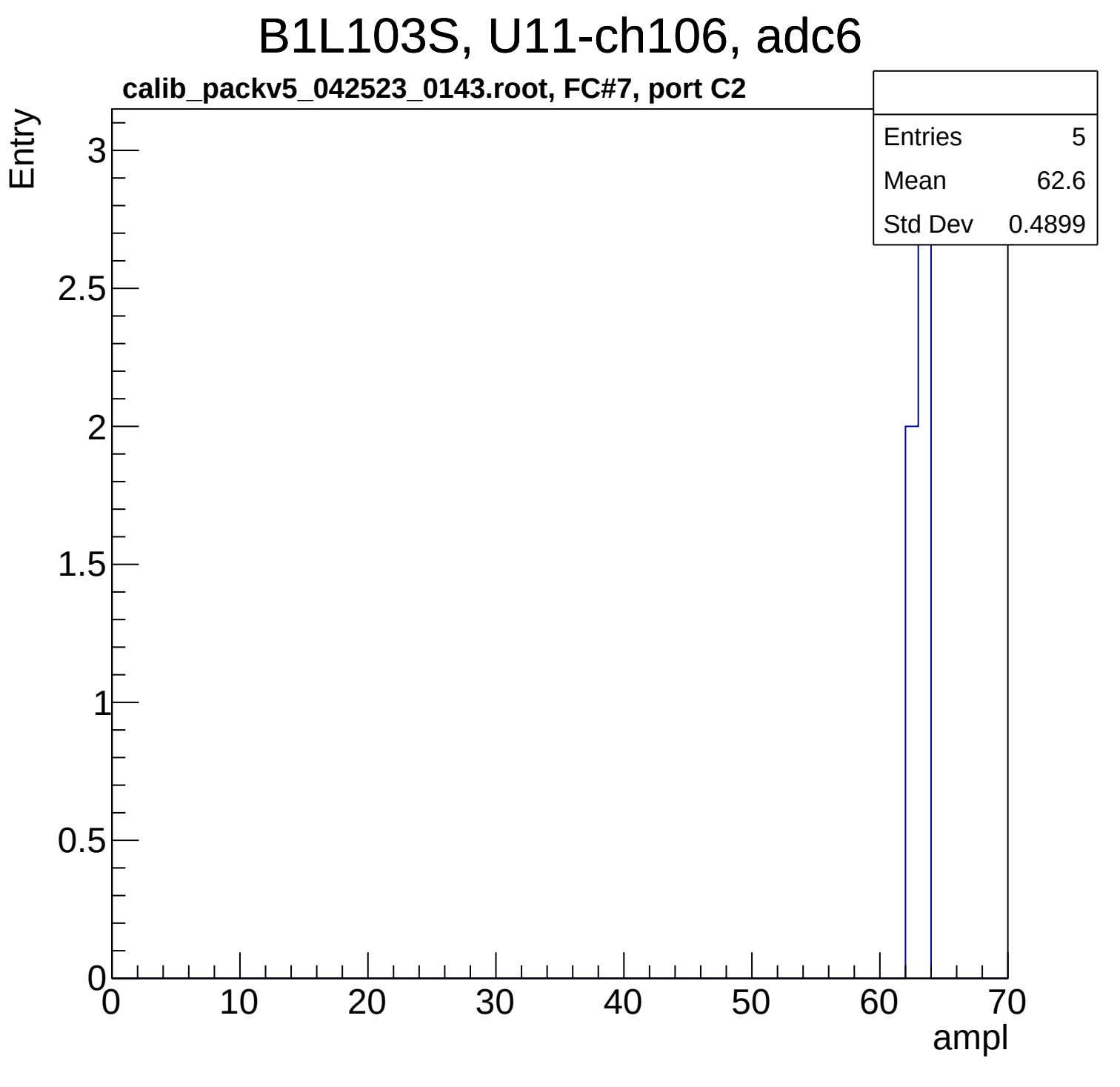
50
60
70
ampl


B1L103S, U11-ch106, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 62.6
Std Dev 0.4899
Entry
ampl
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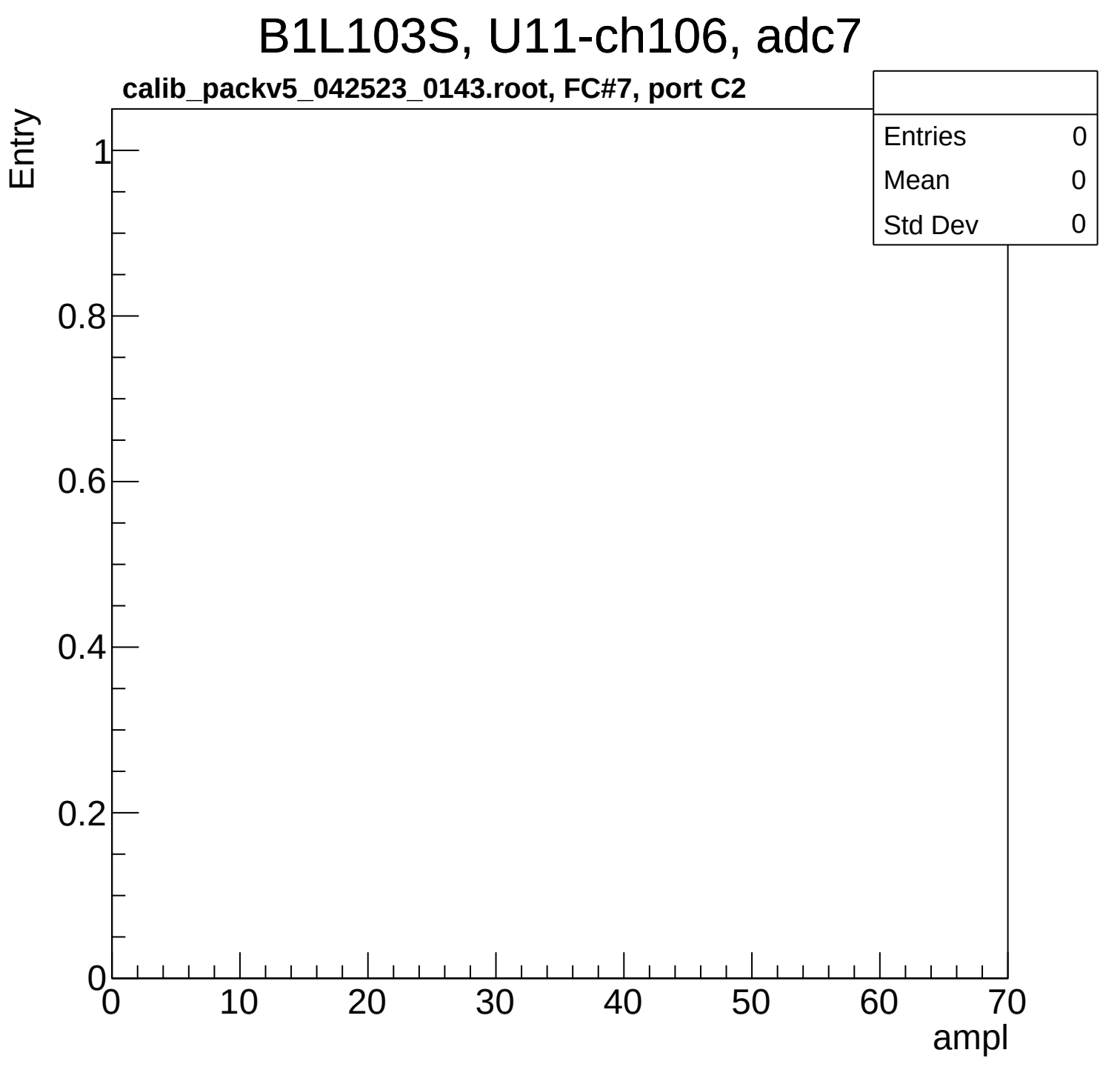
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U11-ch106, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
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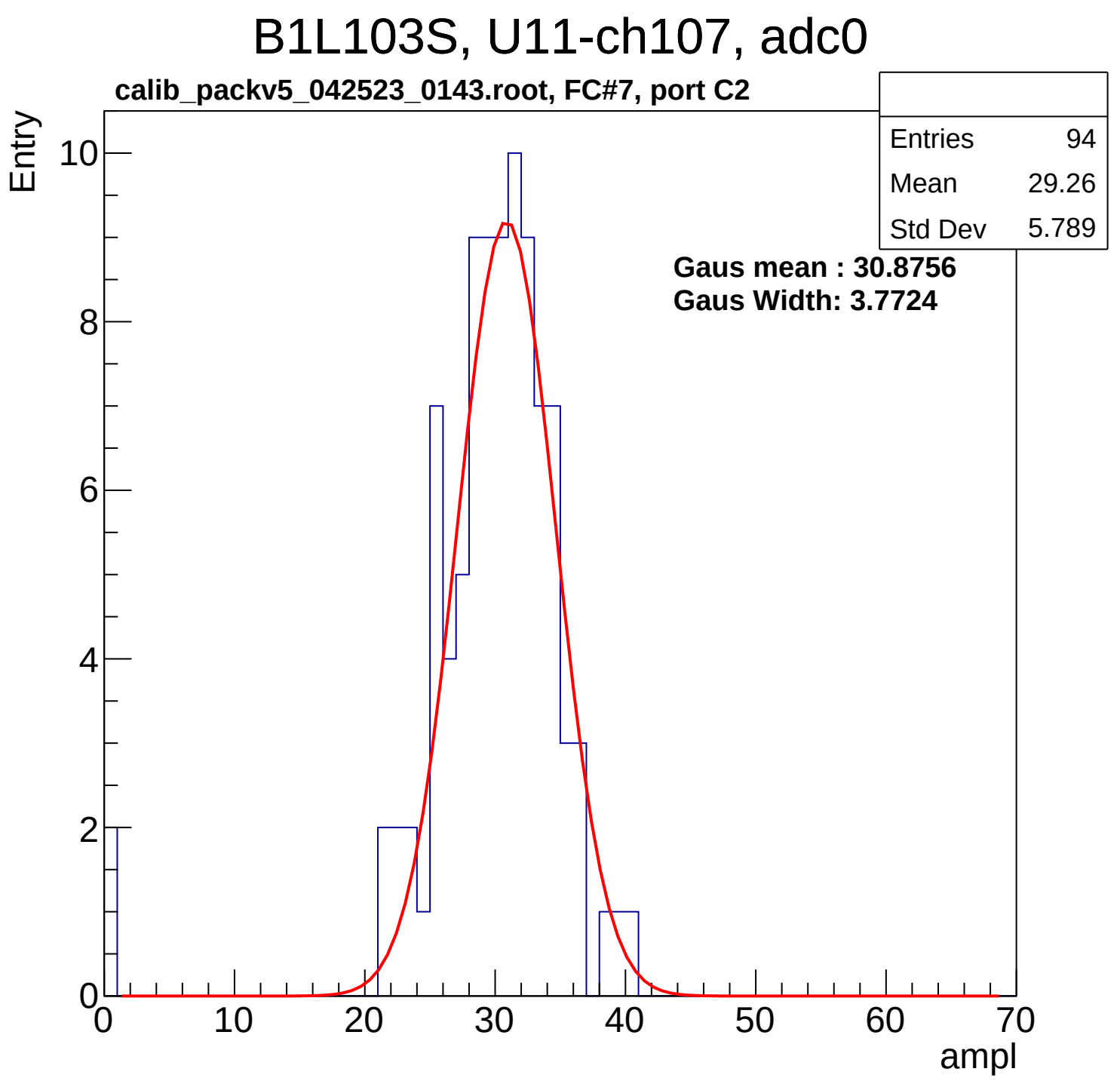
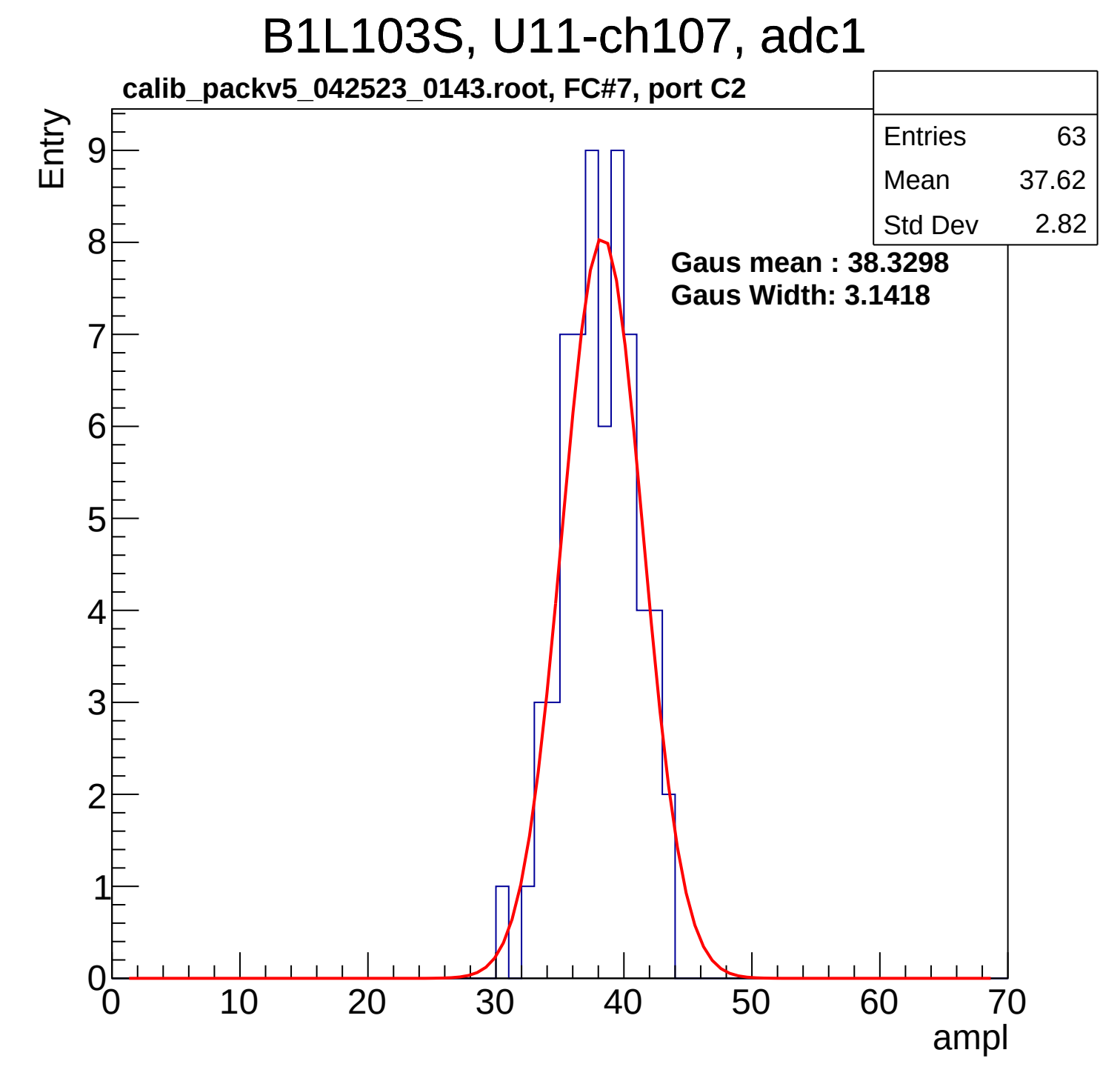
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch107, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 94
Mean 29.26
Std Dev 5.789
Gaus mean : 30.8756
Gaus Width: 3.7724
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch107, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 37.62
Std Dev 2.82
Gaus mean : 38.3298
Gaus Width: 3.1418
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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60
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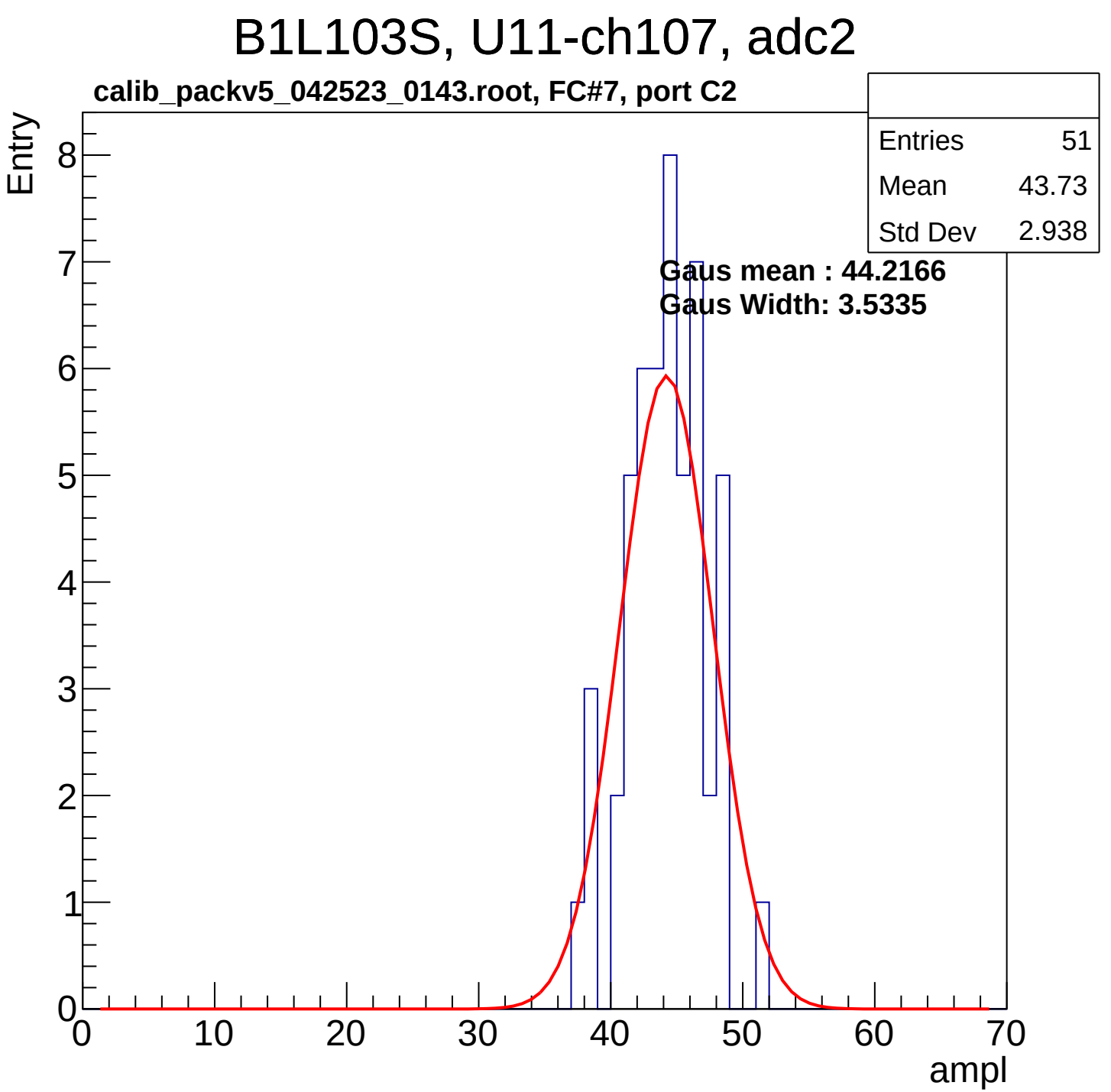
B1L103S, U11-ch107, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 43.73
Std Dev 2.938
Gaus mean : 44.2166
Gaus Width: 3.5335
Entry
ampl
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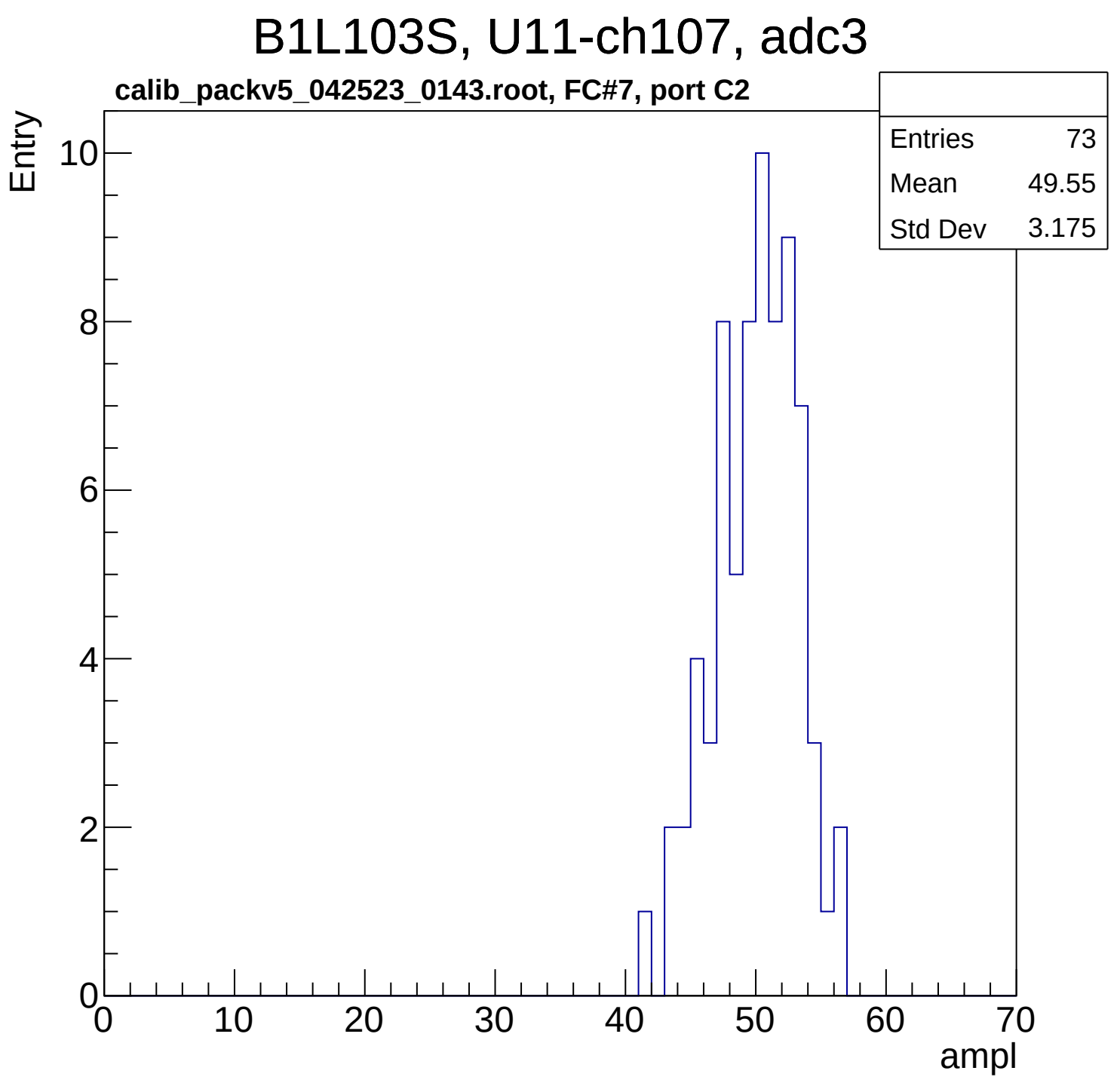
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch107, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 49.55
Std Dev 3.175
Entry
ampl
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2
4
6
8
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0
10
20
30
40
50
60
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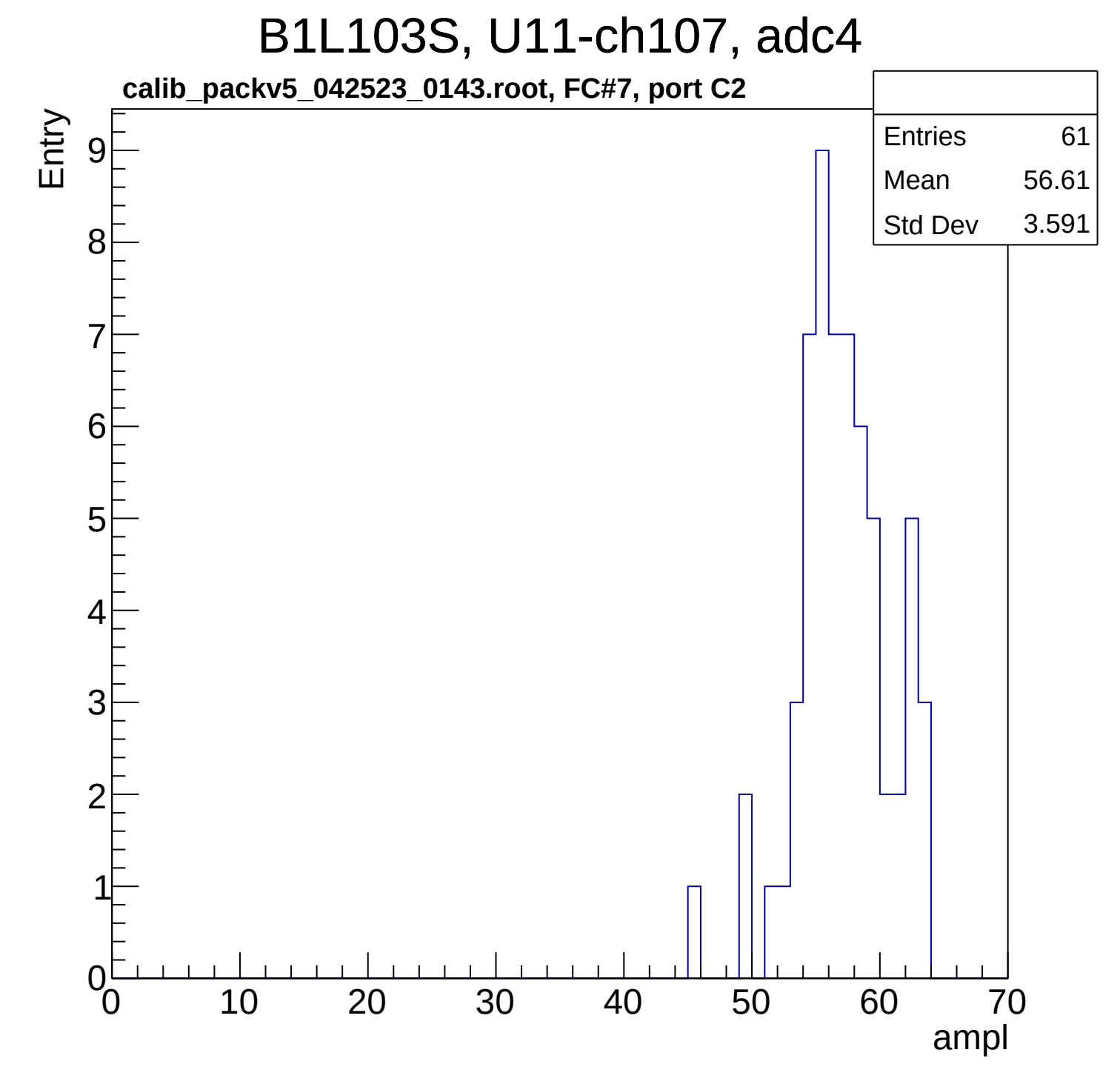
B1L103S, U11-ch107, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 56.61
Std Dev 3.591
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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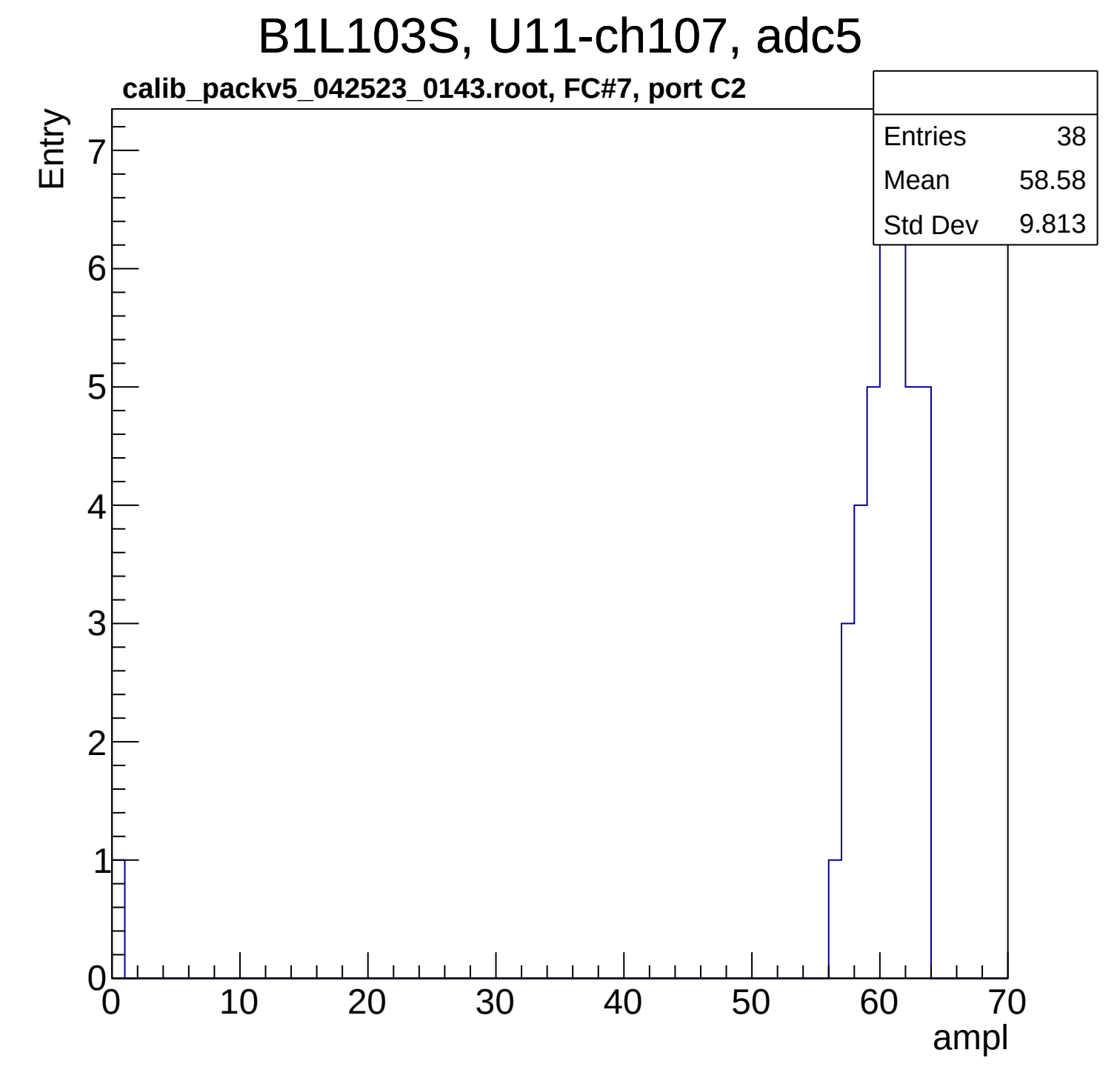
B1L103S, U11-ch107, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 38
Mean 58.58
Std Dev 9.813
Entry
ampl
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60
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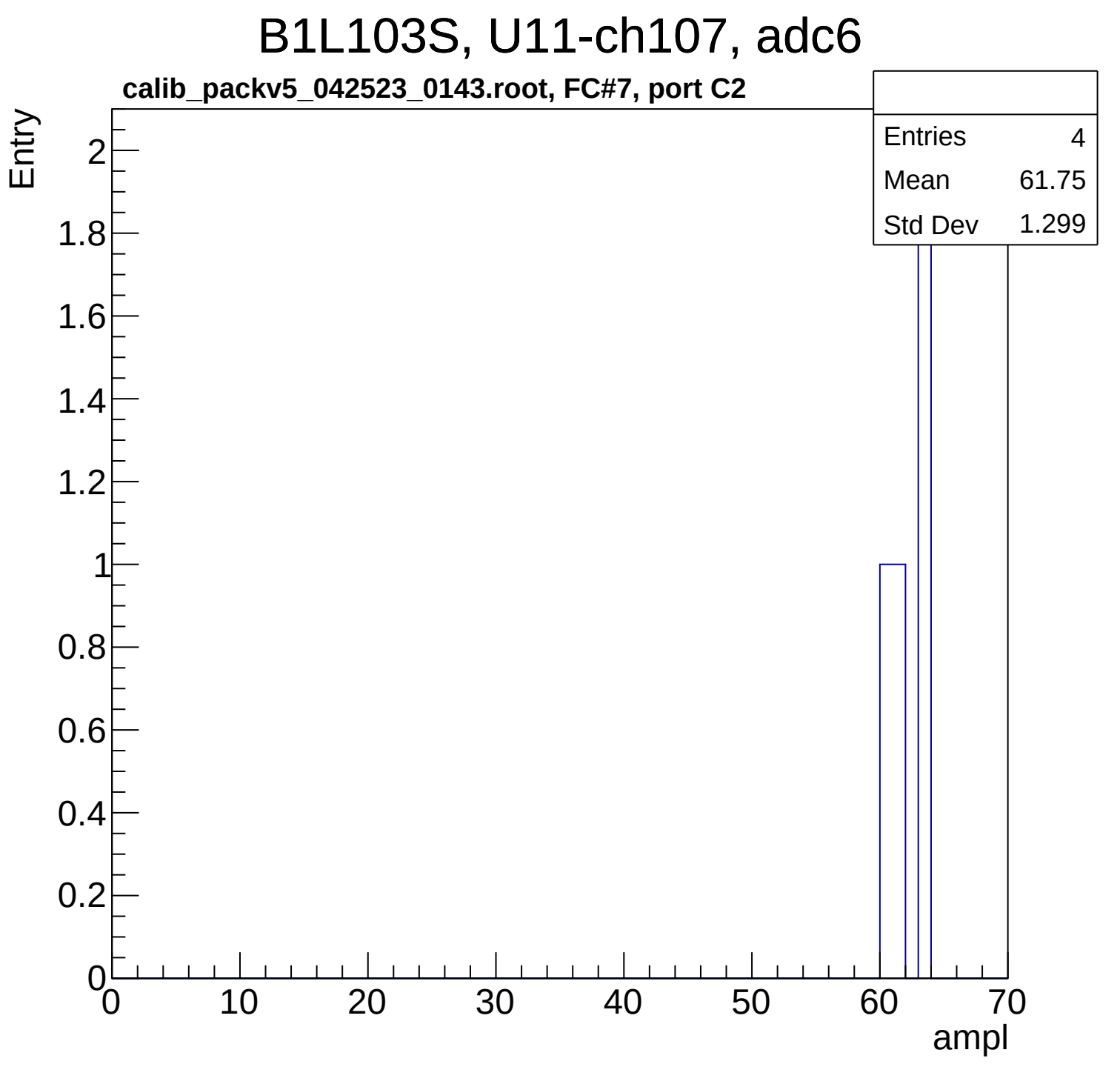
B1L103S, U11-ch107, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 4
Mean 61.75
Std Dev 1.299
Entry
ampl
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0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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40
50
60
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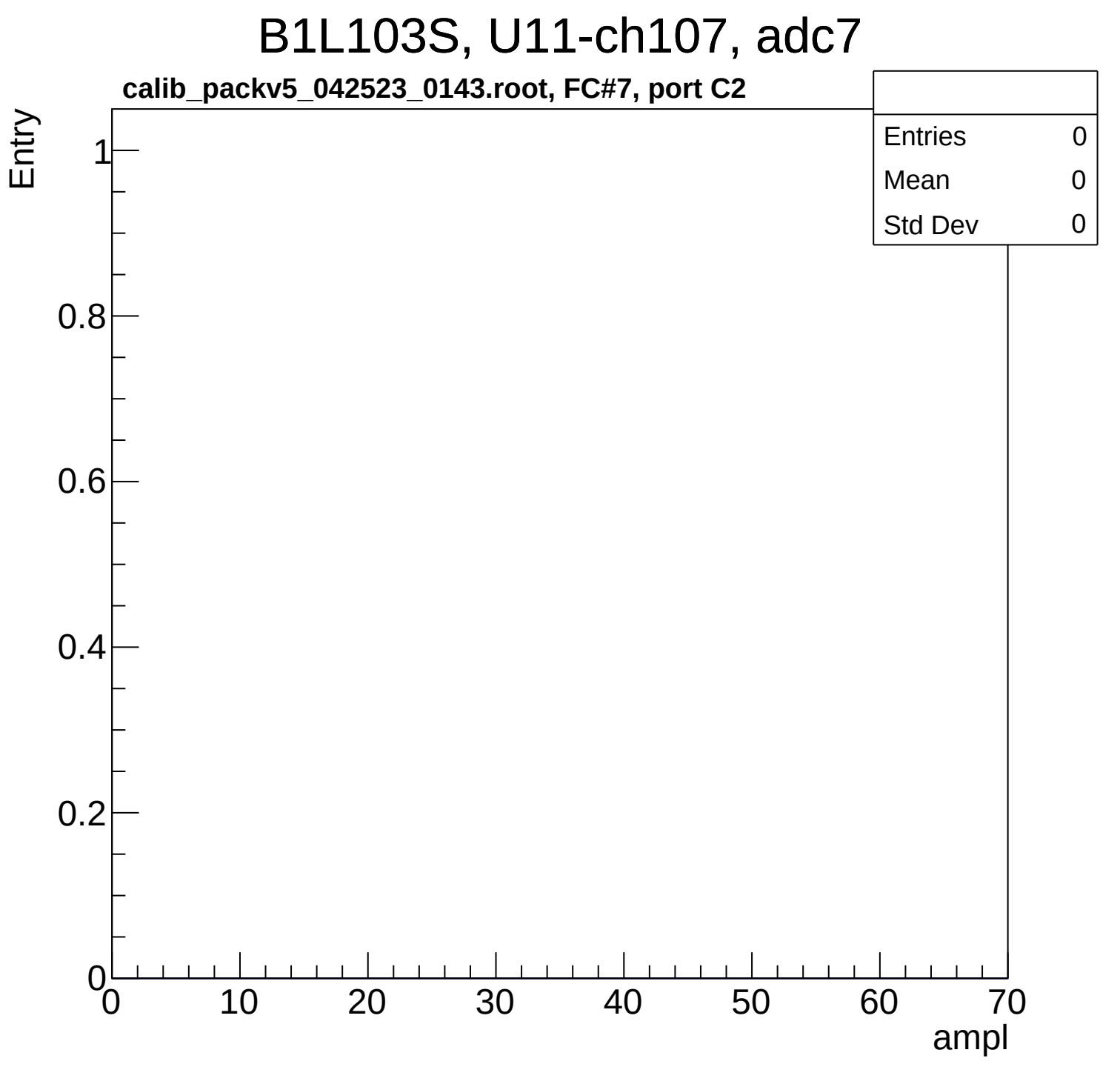
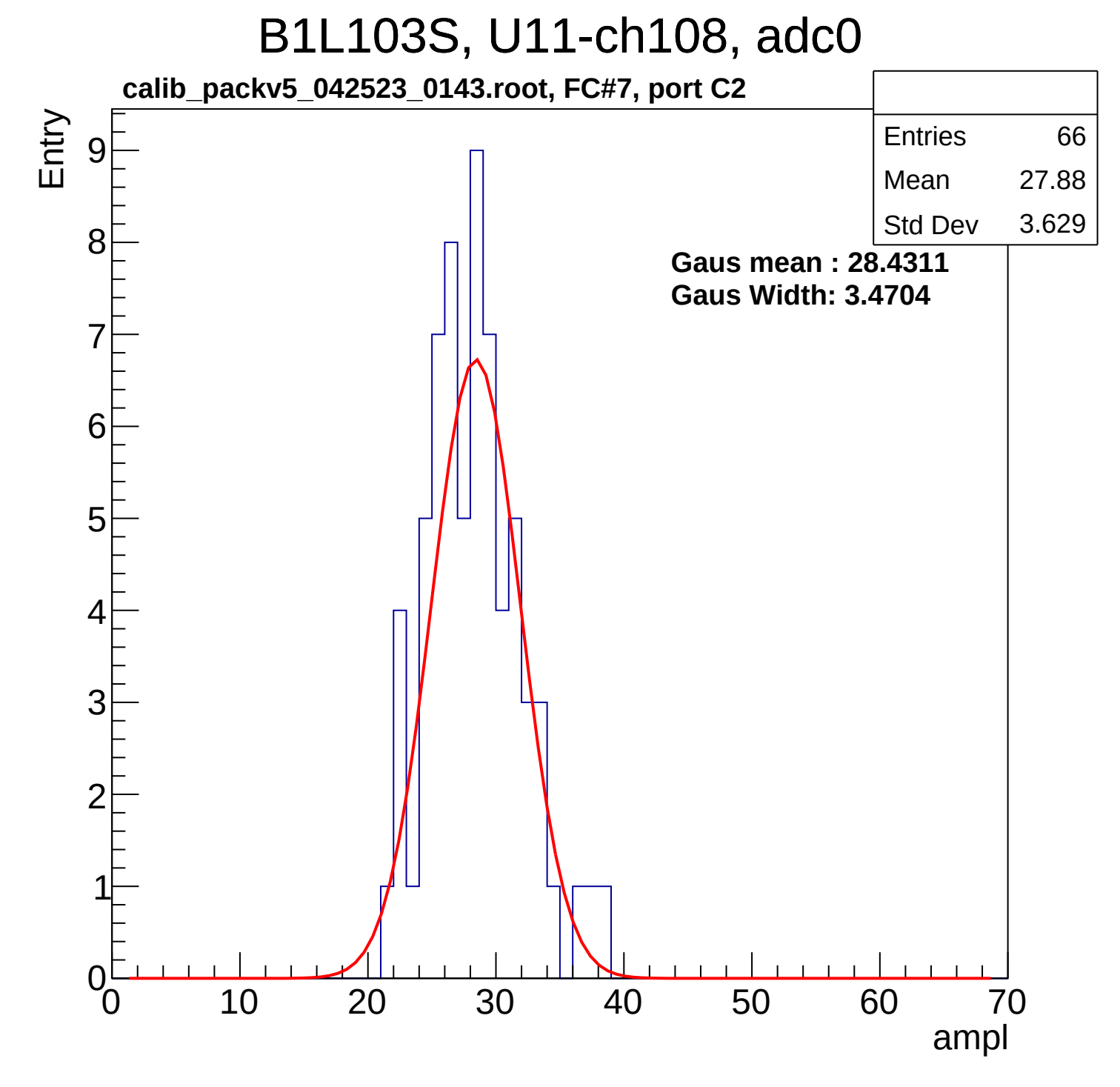

B1L103S, U11-ch107, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch108, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 27.88
Std Dev 3.629
Gaus mean : 28.4311
Gaus Width: 3.4704
Entry
ampl
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1
2
3
4
5
6
7
8
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0
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40
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60
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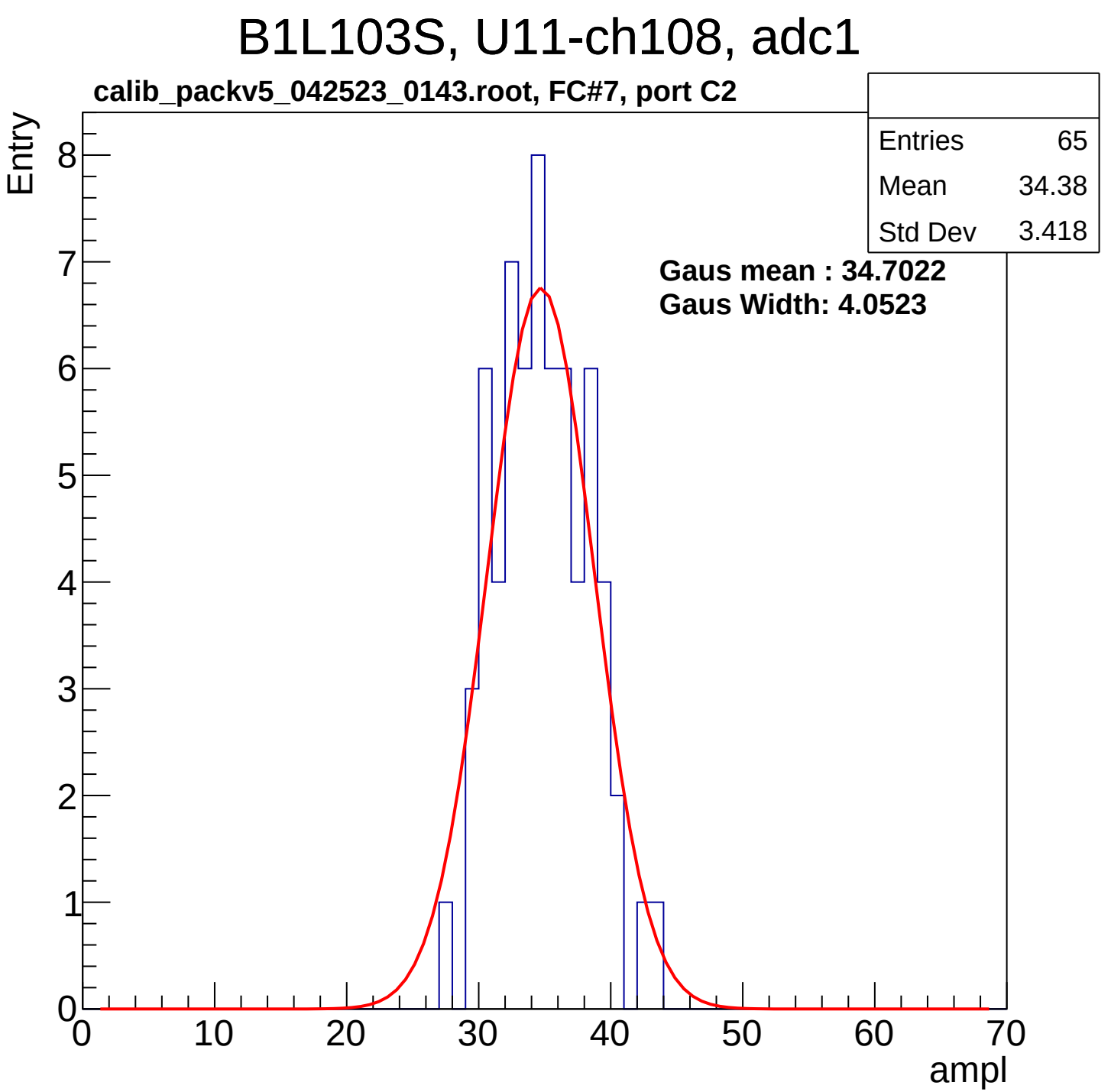
B1L103S, U11-ch108, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 34.38
Std Dev 3.418
Gaus mean : 34.7022
Gaus Width: 4.0523
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
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40
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60
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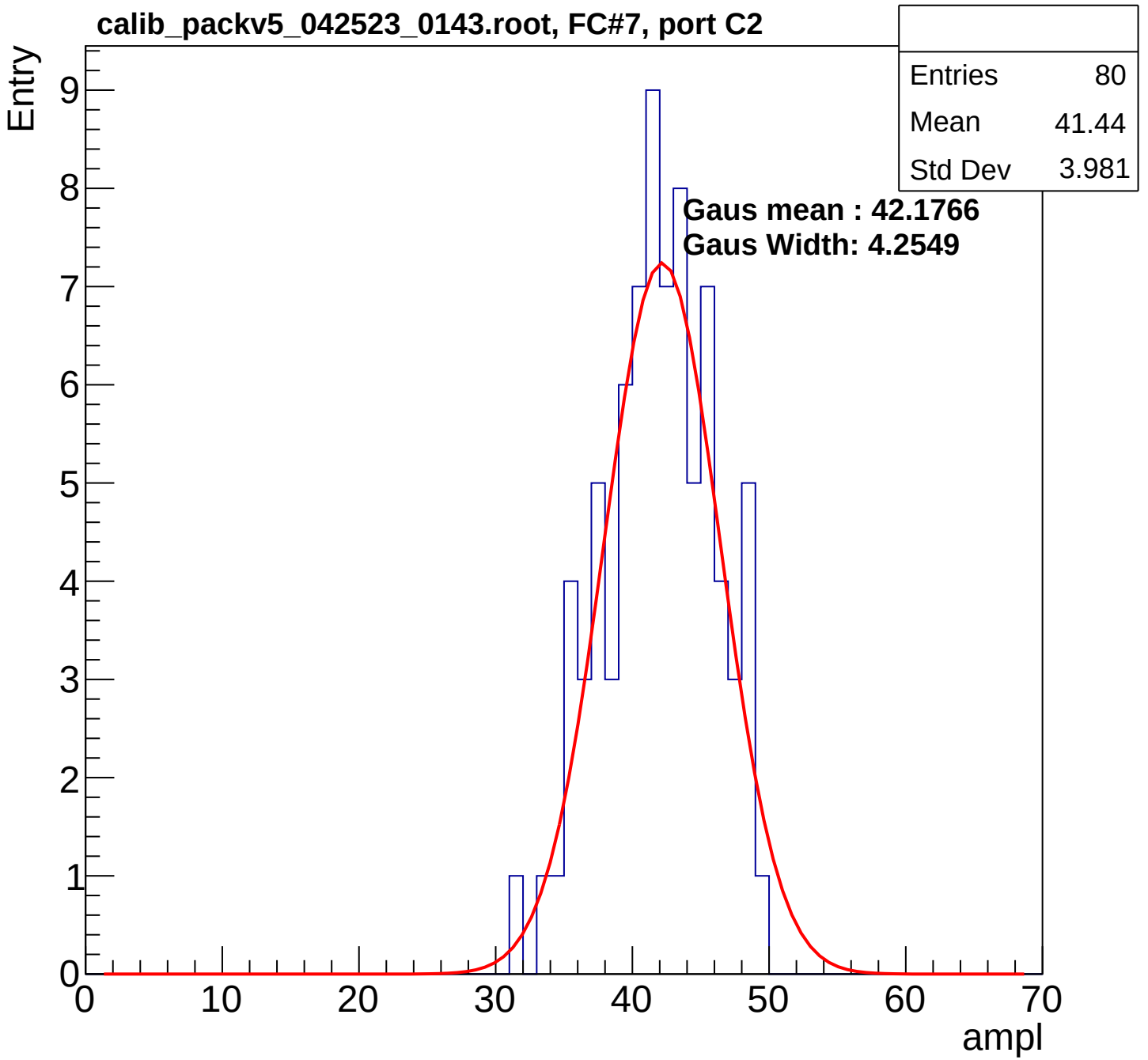
B1L103S, U11-ch108, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 80
Mean 41.44
Std Dev 3.981
Gaus mean : 42.1766
Gaus Width: 4.2549
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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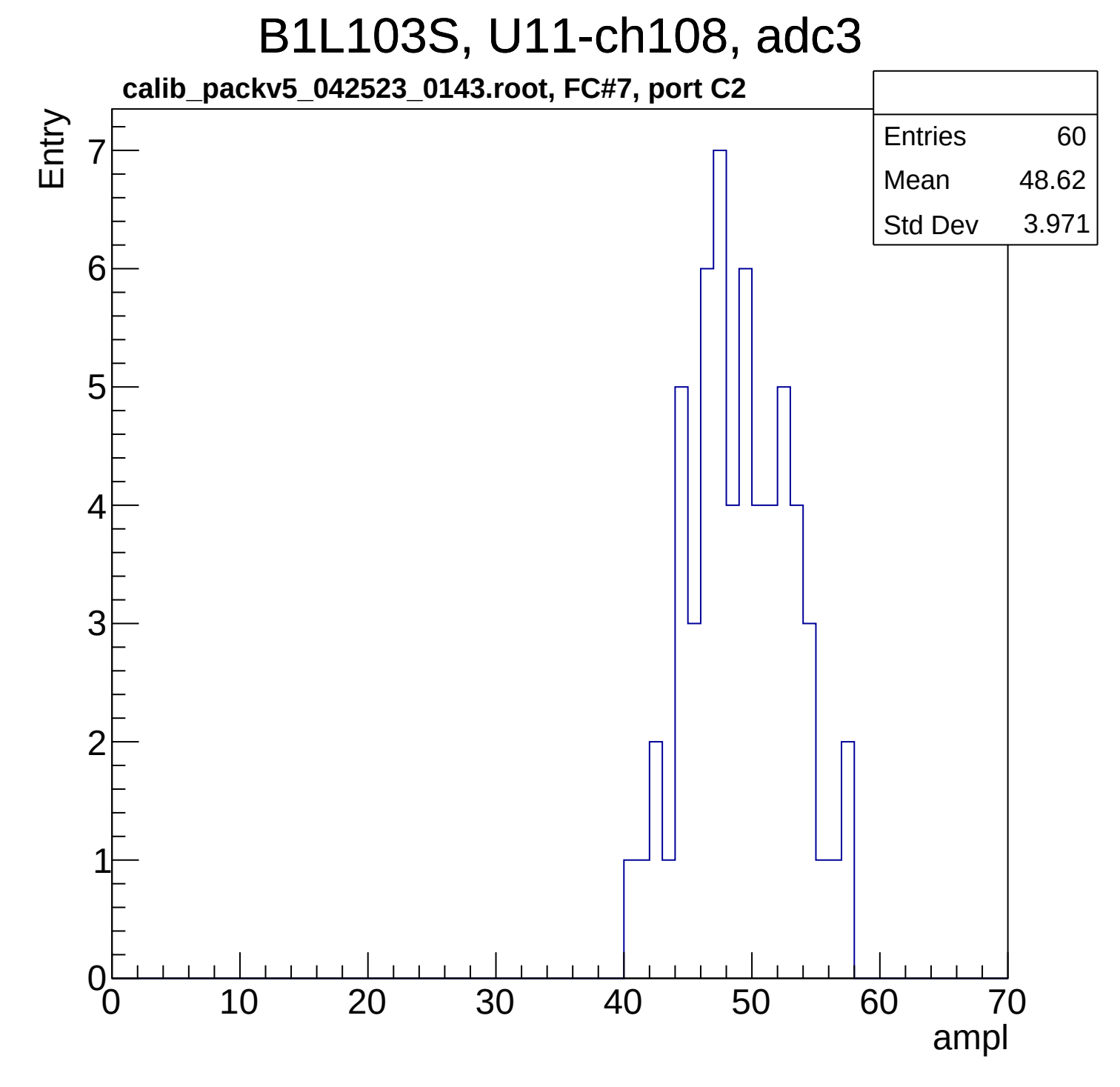
B1L103S, U11-ch108, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 48.62
Std Dev 3.971
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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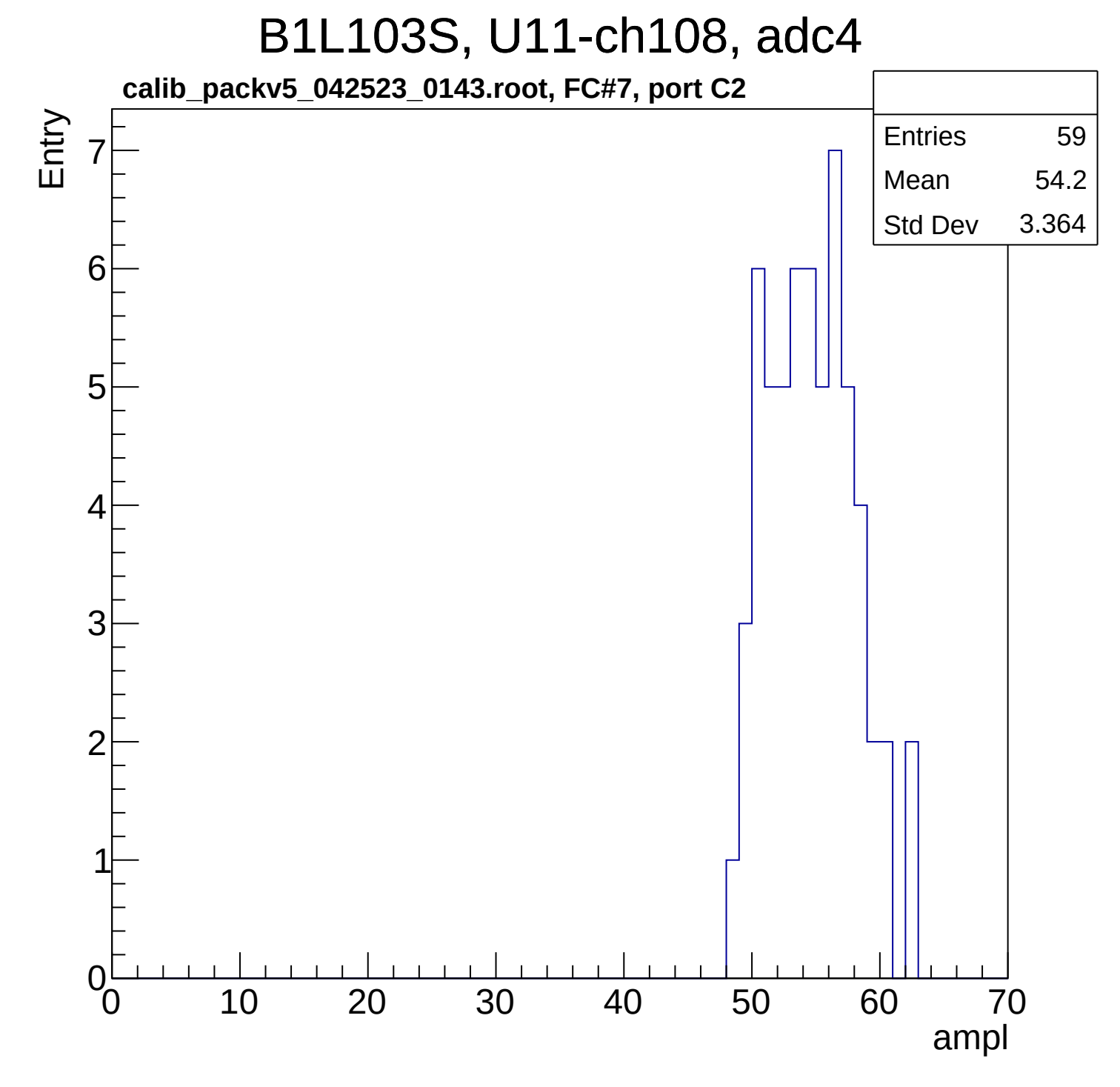
B1L103S, U11-ch108, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 54.2
Std Dev 3.364
Entry
ampl
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1
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3
4
5
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0
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40
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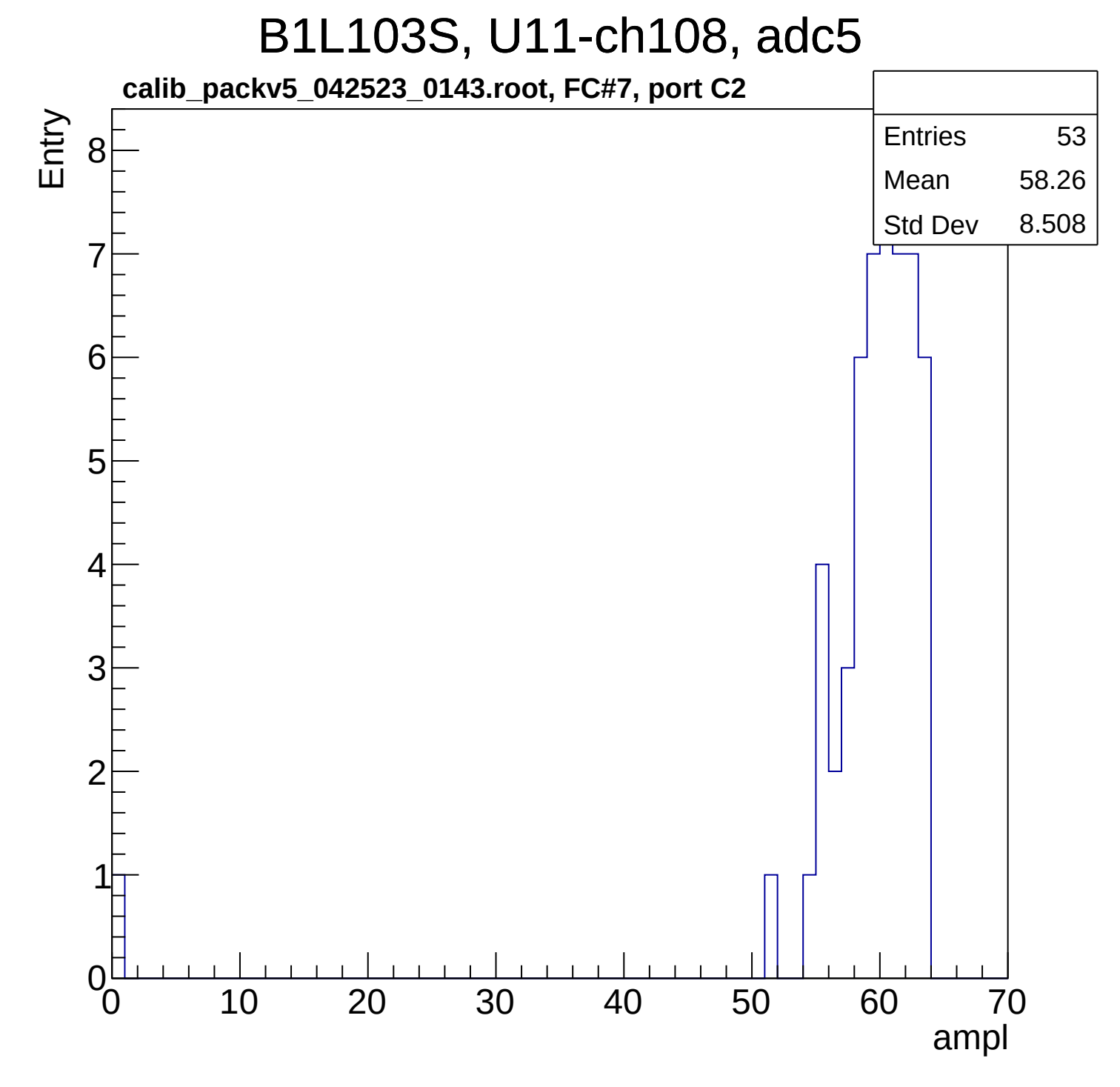
B1L103S, U11-ch108, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 53
Mean 58.26
Std Dev 8.508
Entry
ampl
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2
3
4
5
6
7
8
0
10
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30
40
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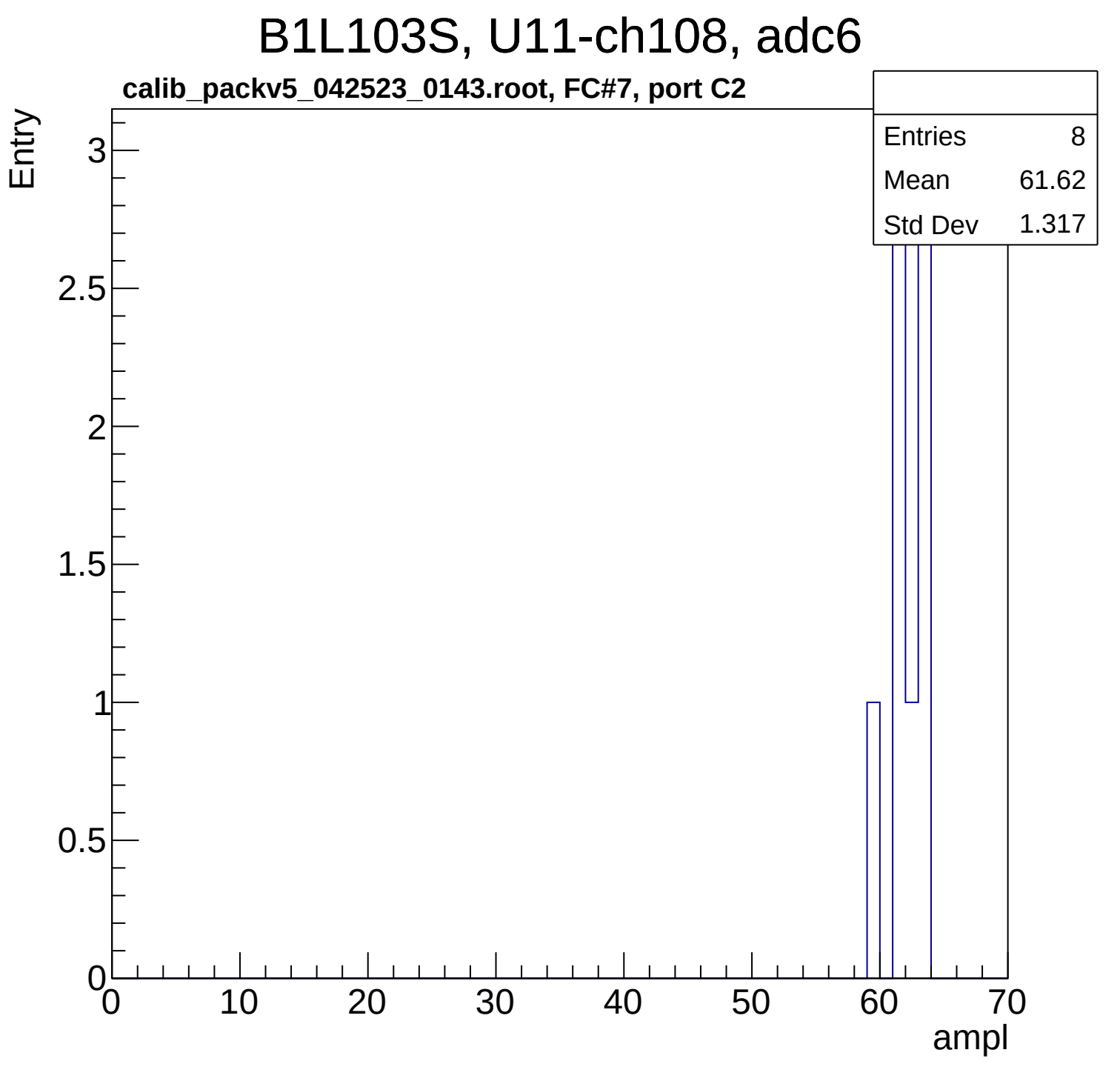
B1L103S, U11-ch108, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 8
Mean 61.62
Std Dev 1.317
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
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40
50
60
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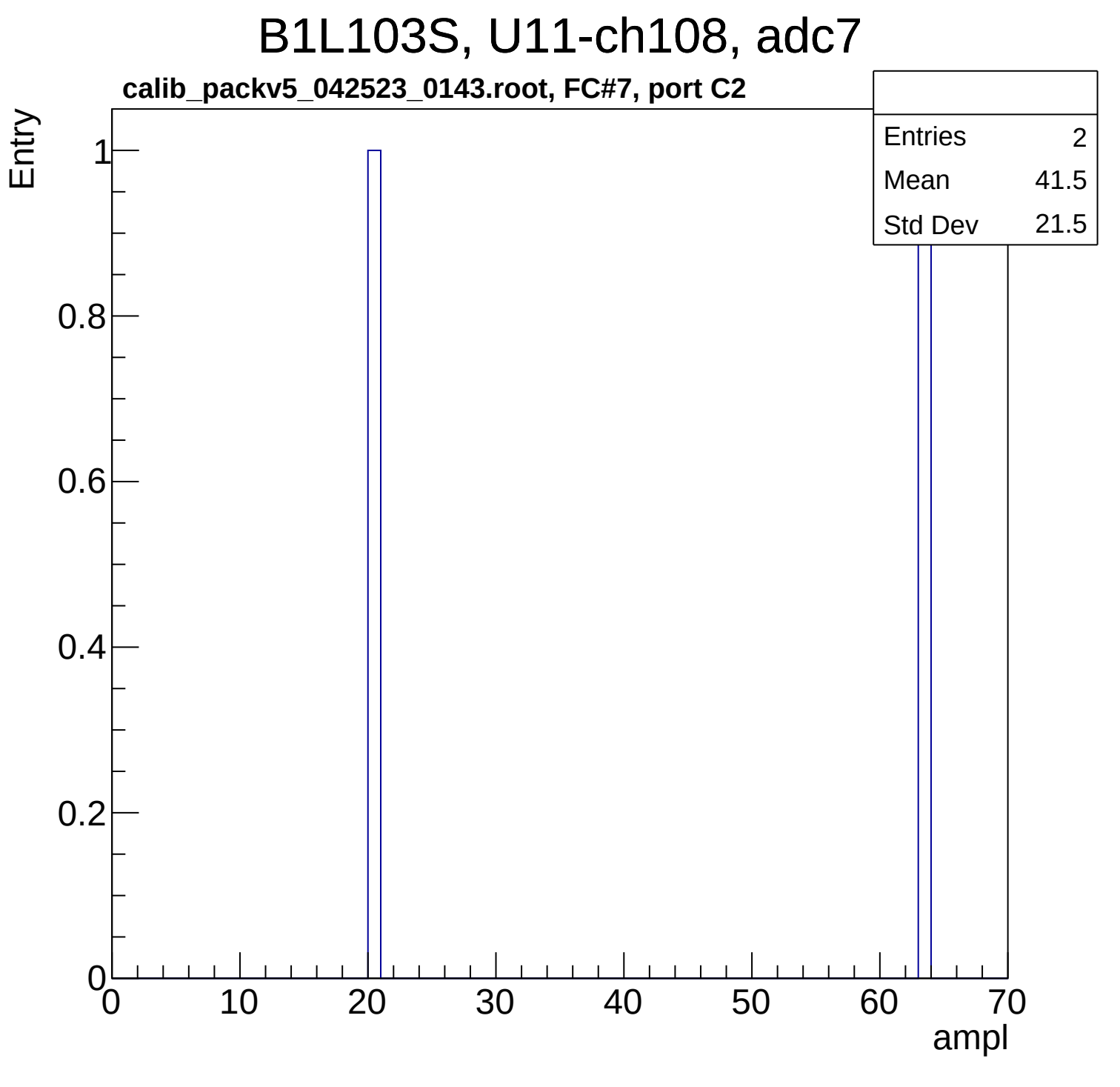
B1L103S, U11-ch108, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 41.5
Std Dev 21.5
Entry
ampl
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0.2
0.4
0.6
0.8
1
0
10
20
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40
50
60
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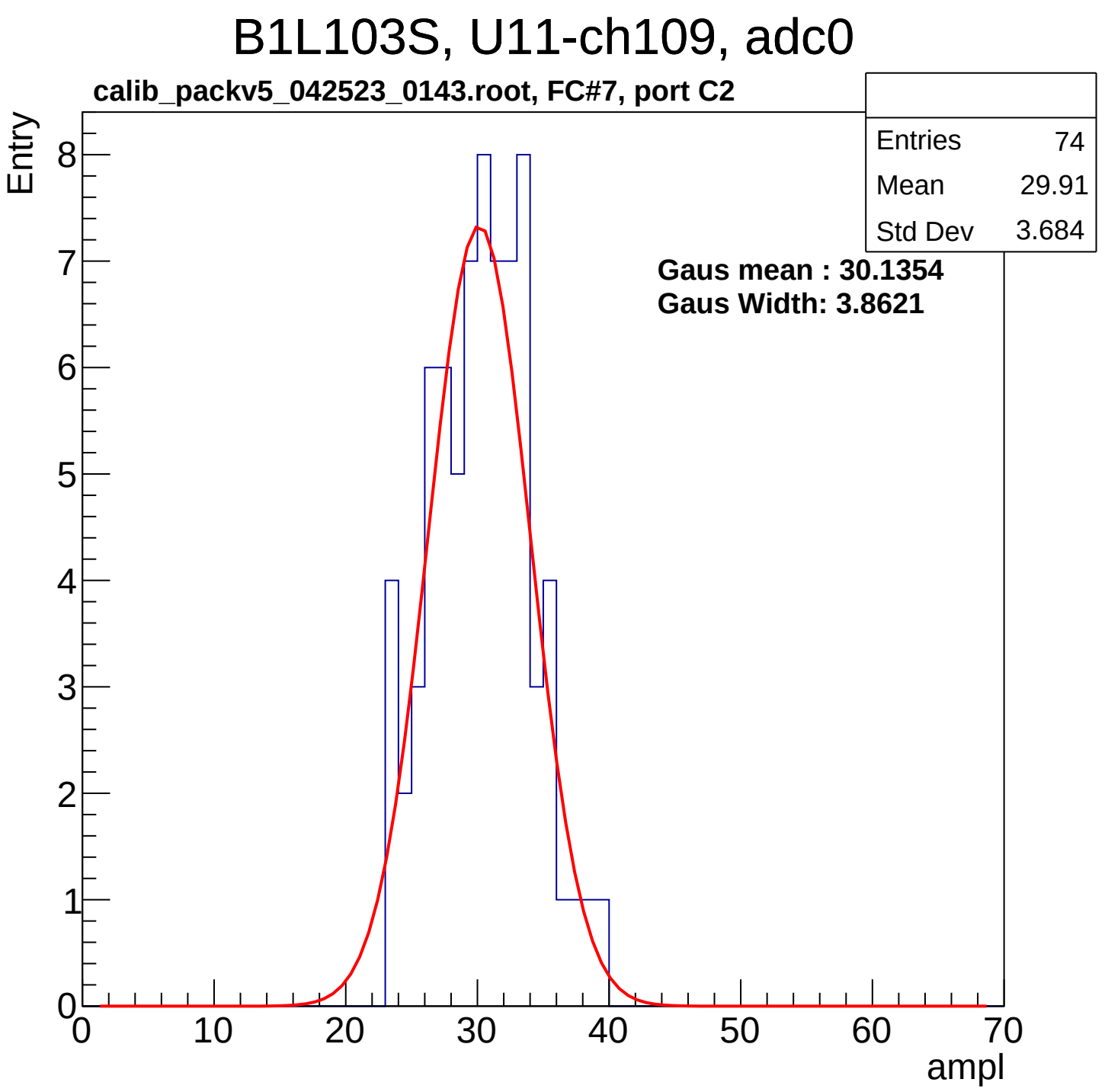
B1L103S, U11-ch109, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 29.91
Std Dev 3.684
Gaus mean : 30.1354
Gaus Width: 3.8621
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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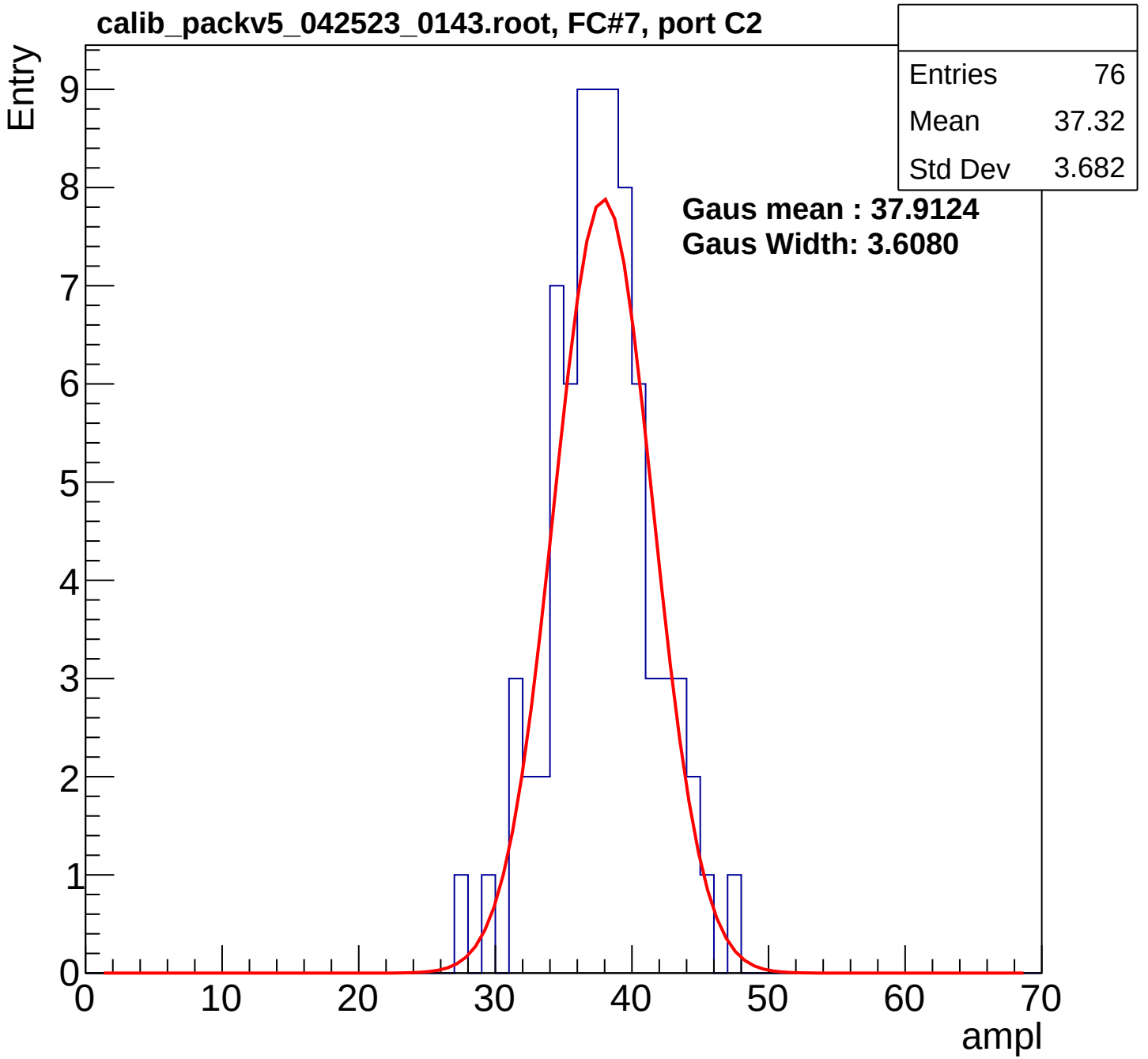
B1L103S, U11-ch109, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 37.32
Std Dev 3.682
Gaus mean : 37.9124
Gaus Width: 3.6080
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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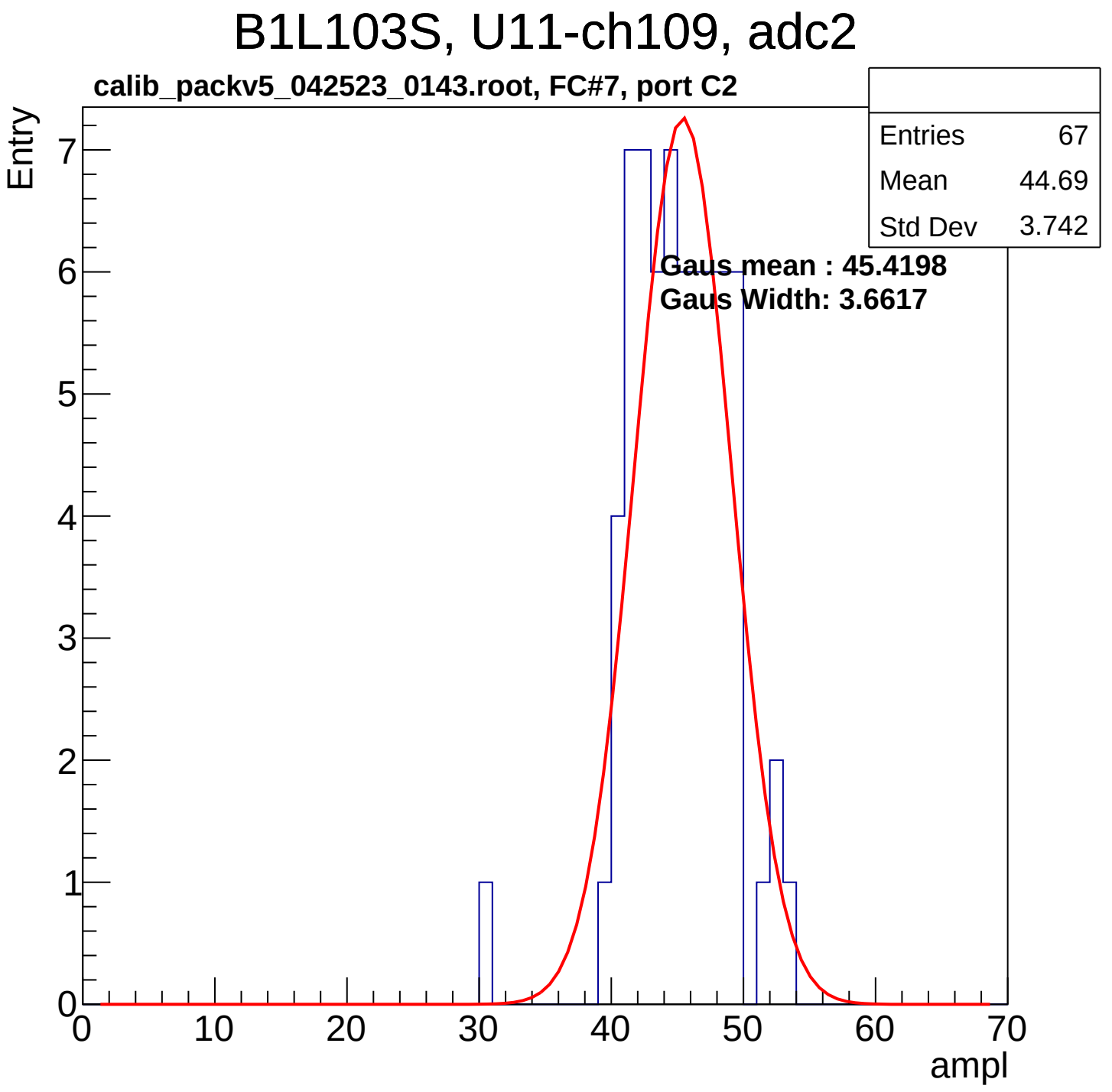
B1L103S, U11-ch109, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 44.69
Std Dev 3.742
Gaus mean : 45.4198
Gaus Width: 3.6617
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
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60
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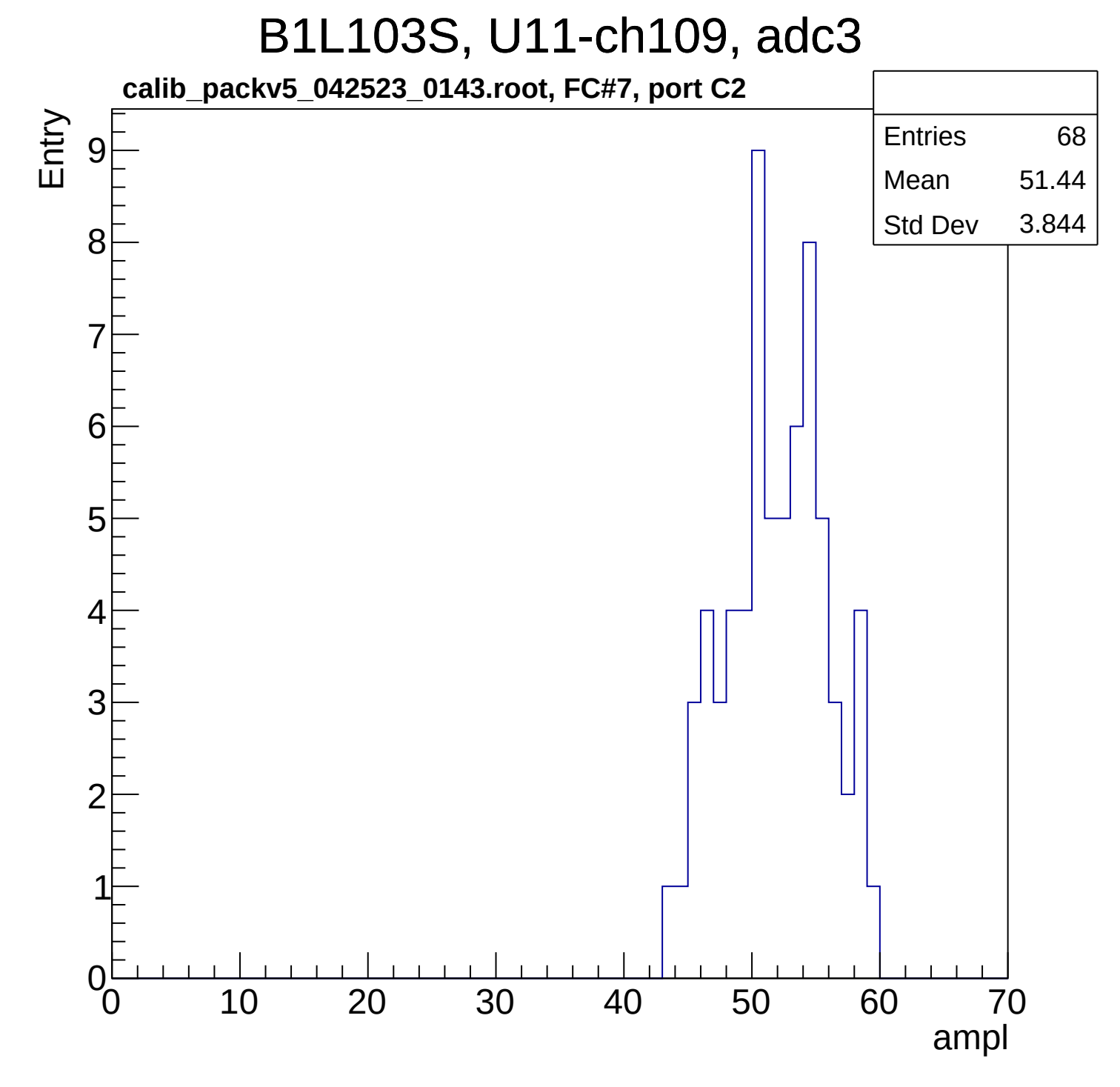
B1L103S, U11-ch109, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 51.44
Std Dev 3.844
Entry
ampl
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3
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6
7
8
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0
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60
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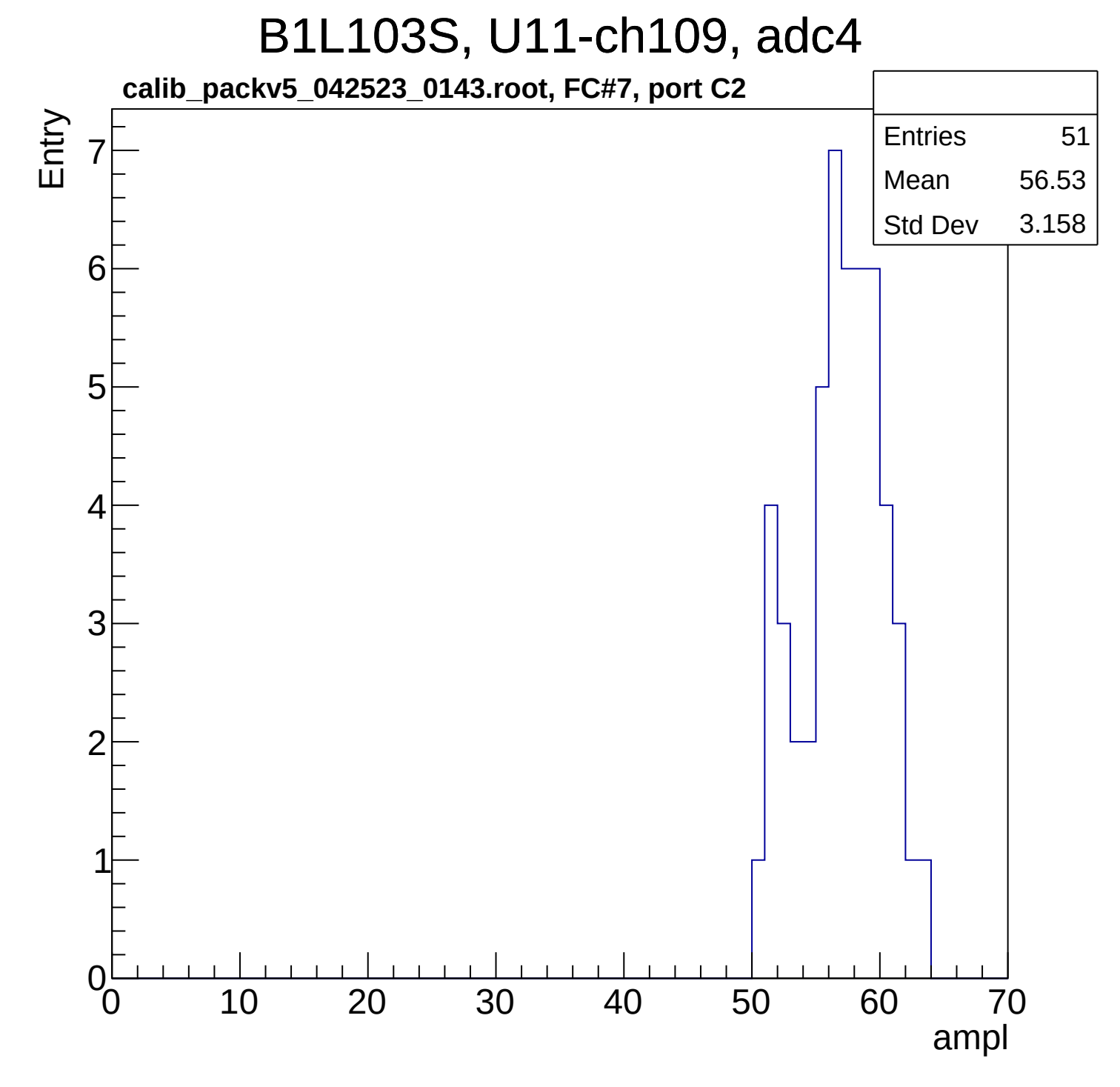
B1L103S, U11-ch109, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 56.53
Std Dev 3.158
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
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60
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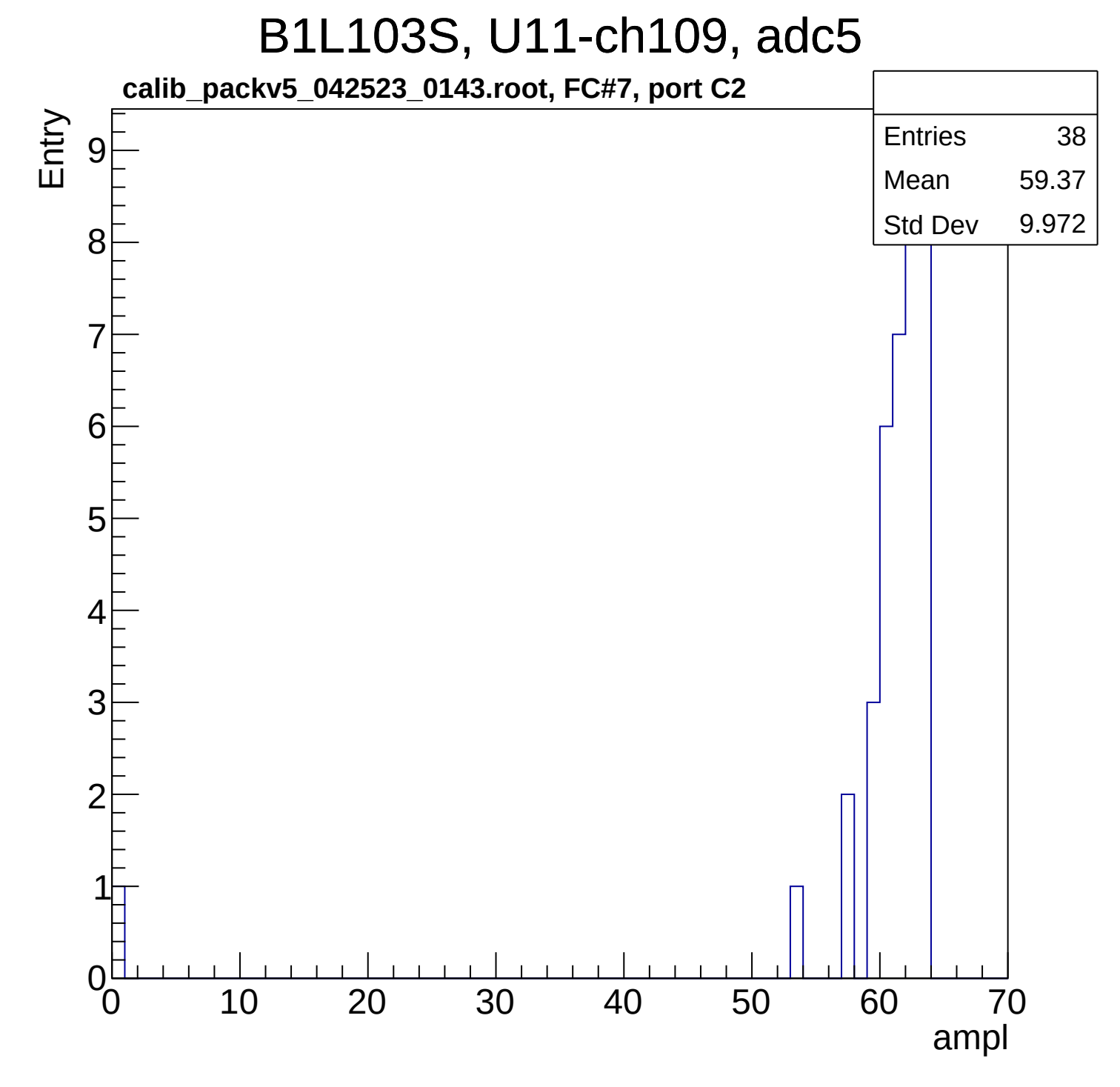
B1L103S, U11-ch109, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 38
Mean 59.37
Std Dev 9.972
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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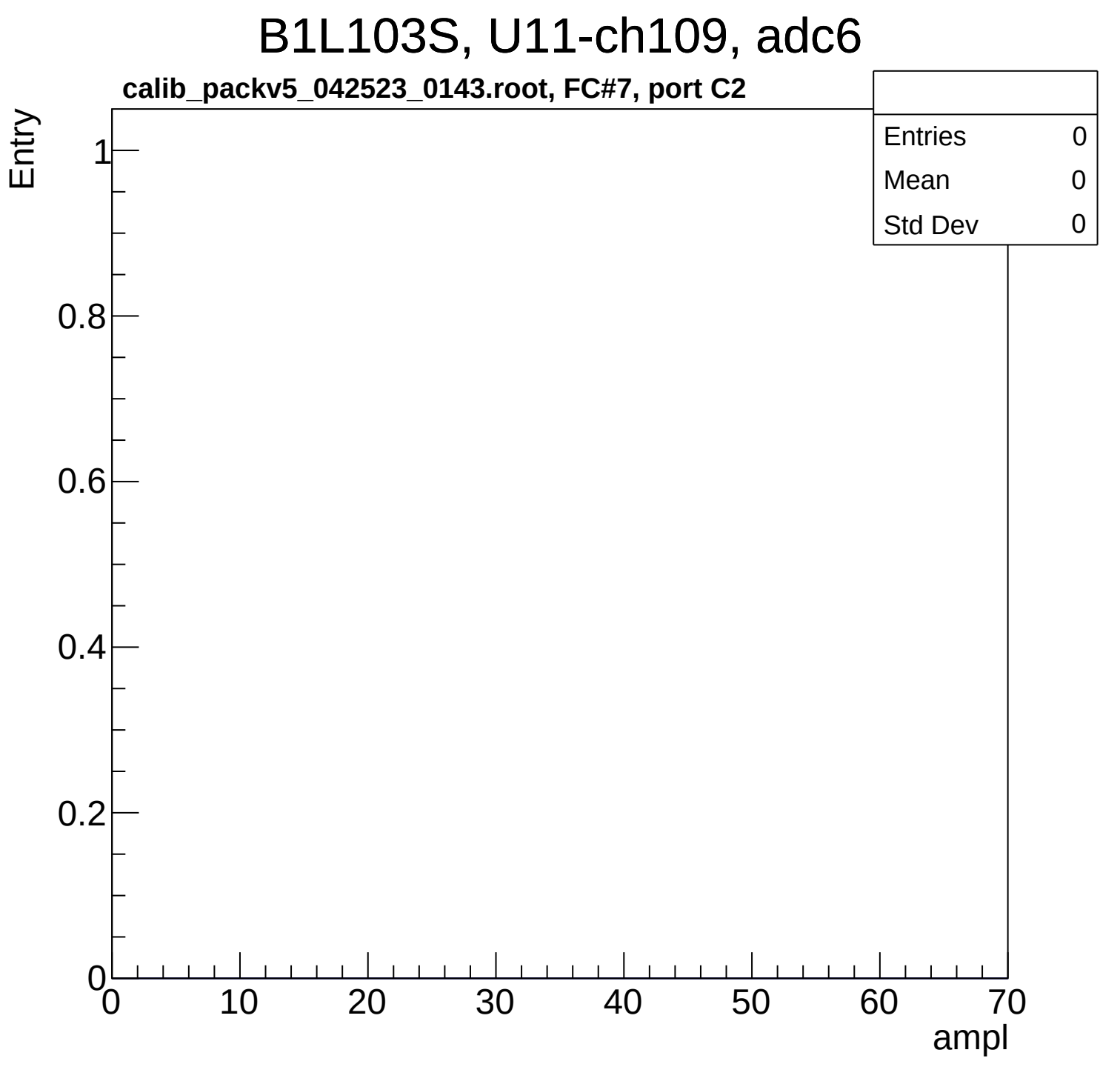
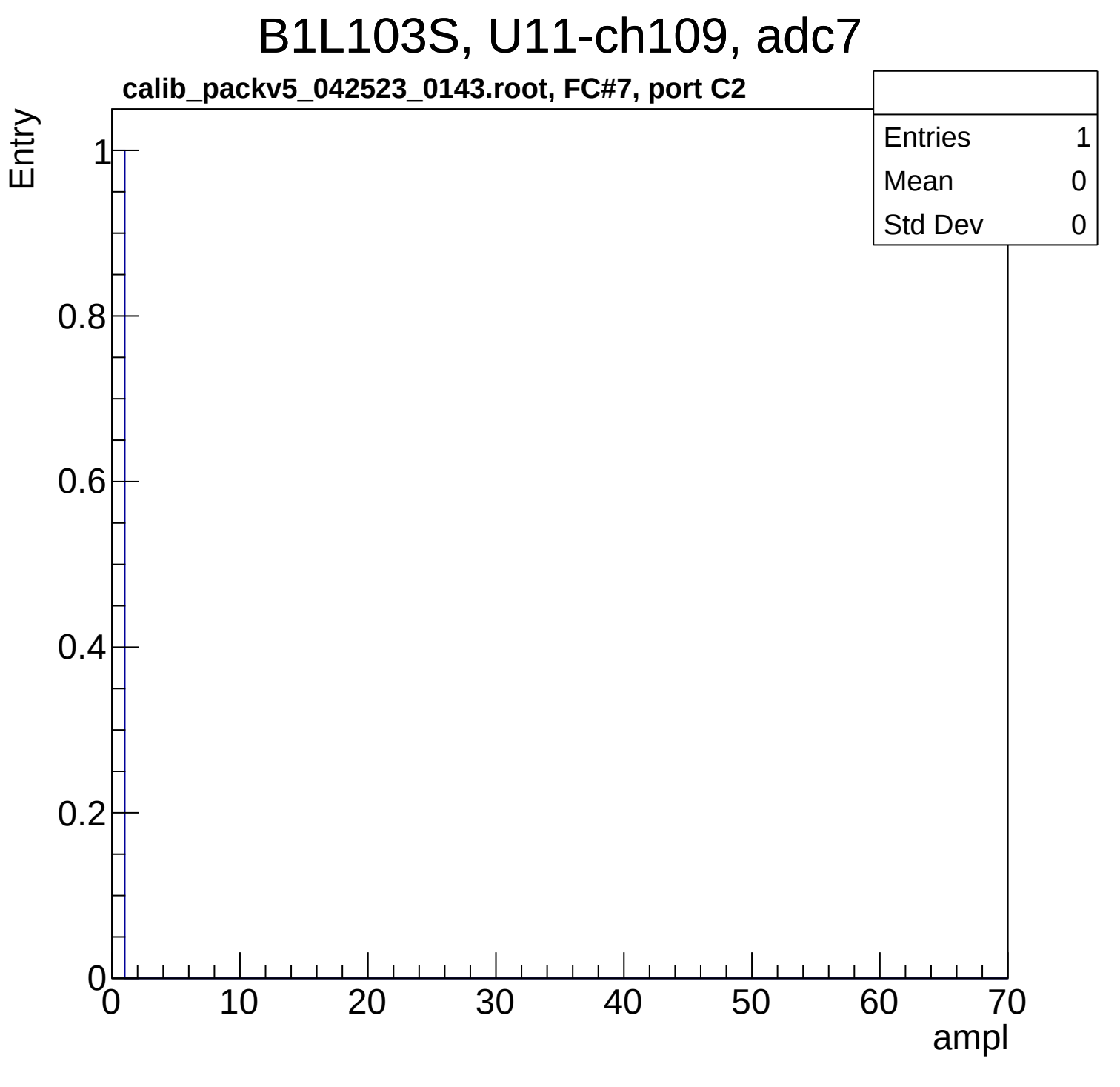

B1L103S, U11-ch109, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch109, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
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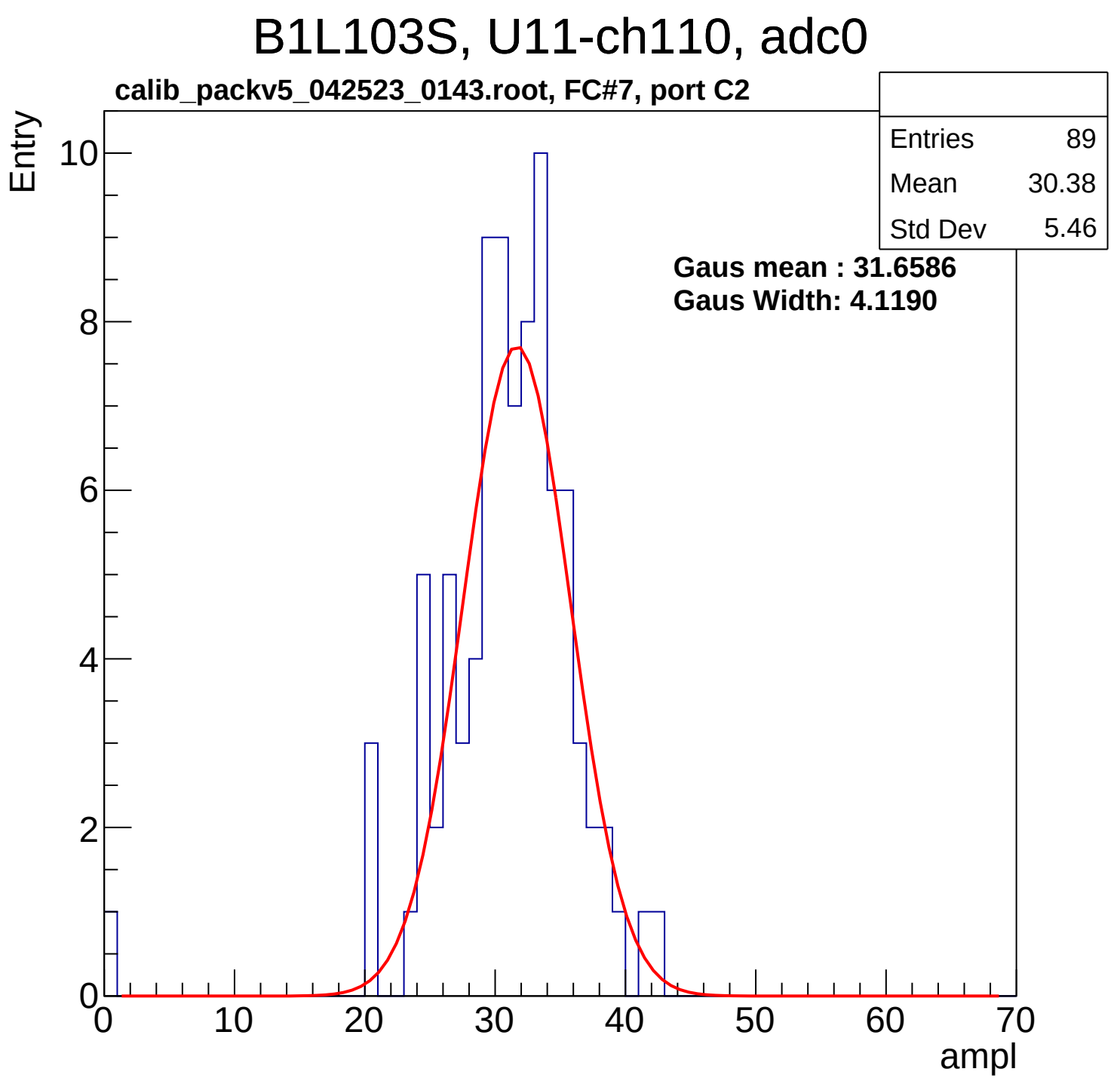
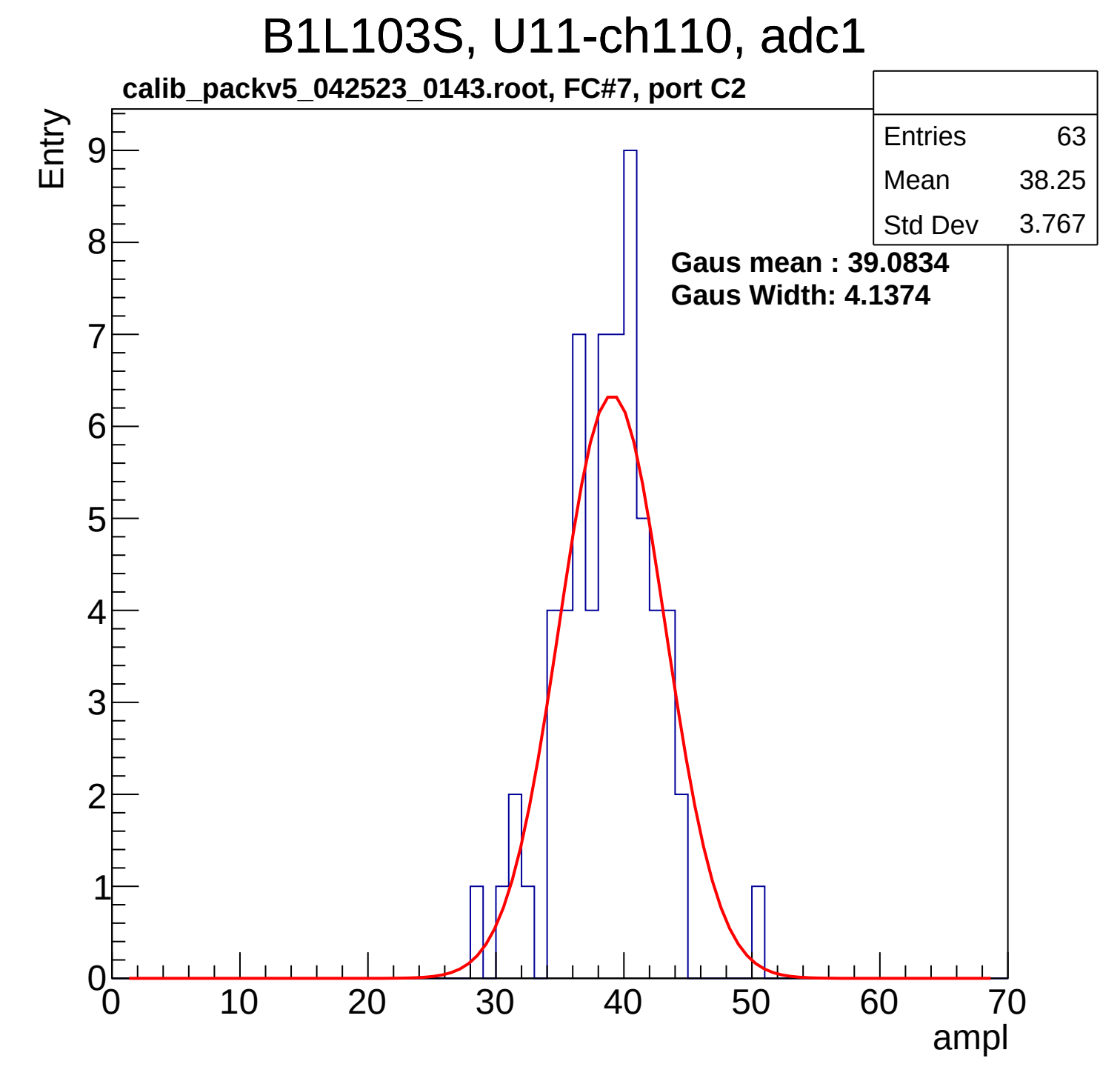
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch110, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 89
Mean 30.38
Std Dev 5.46
Gaus mean : 31.6586
Gaus Width: 4.1190
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch110, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 38.25
Std Dev 3.767
Gaus mean : 39.0834
Gaus Width: 4.1374
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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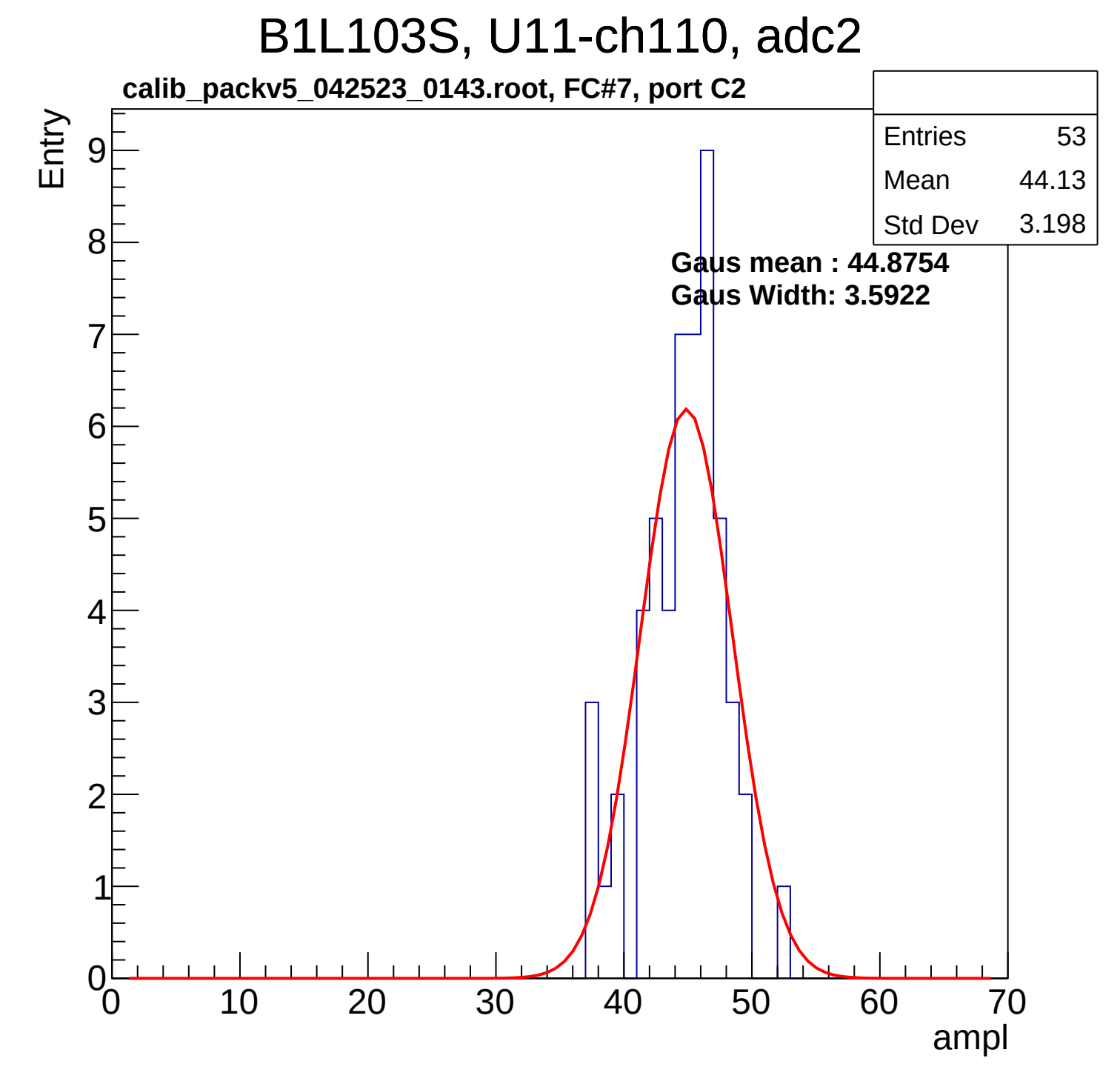
B1L103S, U11-ch110, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 53
Mean 44.13
Std Dev 3.198
Gaus mean : 44.8754
Gaus Width: 3.5922
Entry
ampl
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2
3
4
5
6
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0
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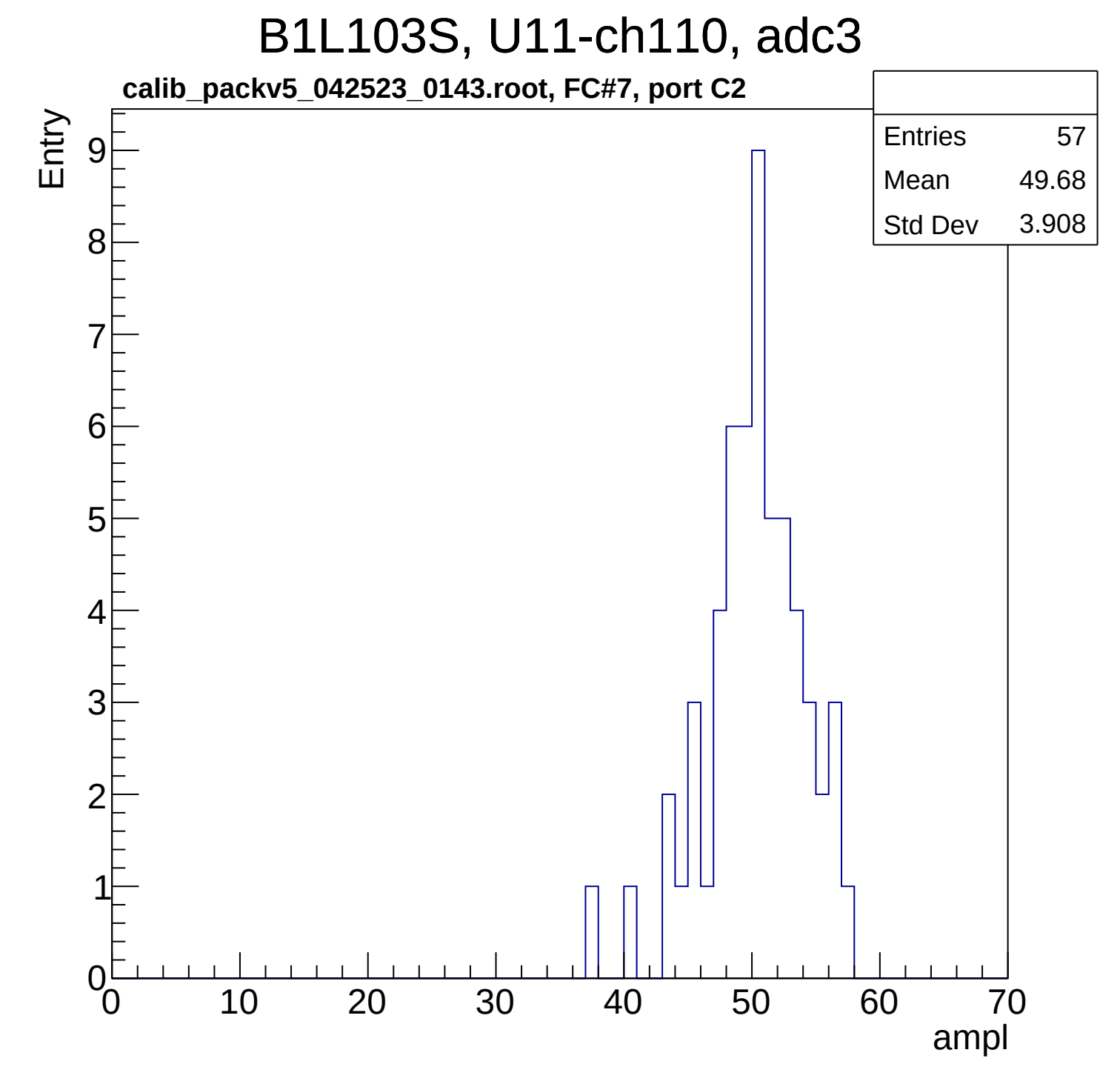
B1L103S, U11-ch110, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 49.68
Std Dev 3.908
Entry
ampl
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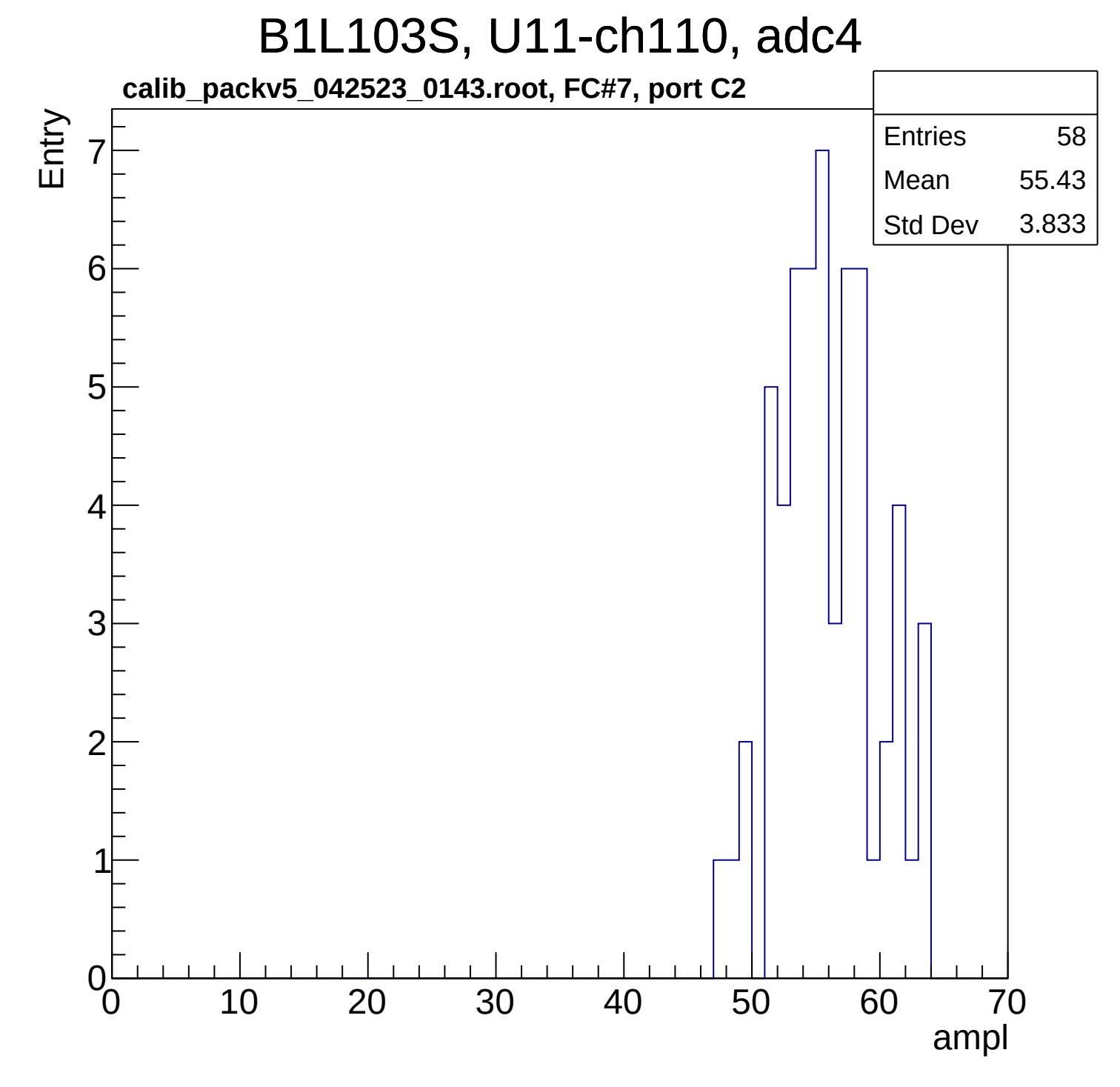
B1L103S, U11-ch110, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 55.43
Std Dev 3.833
Entry
ampl
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1
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3
4
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0
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20
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40
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60
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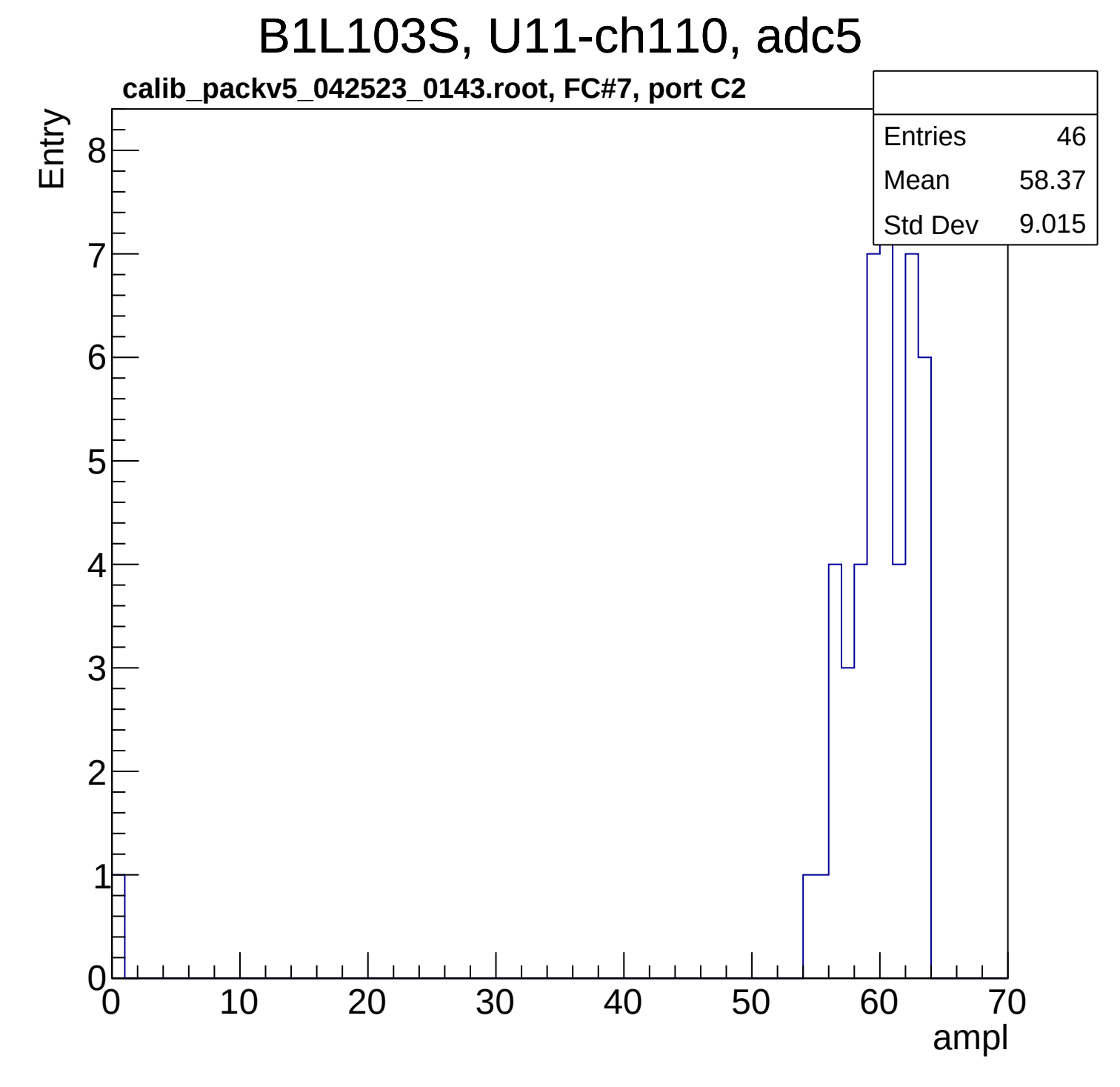
B1L103S, U11-ch110, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 46
Mean 58.37
Std Dev 9.015
Entry
ampl
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2
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4
5
6
7
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0
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60
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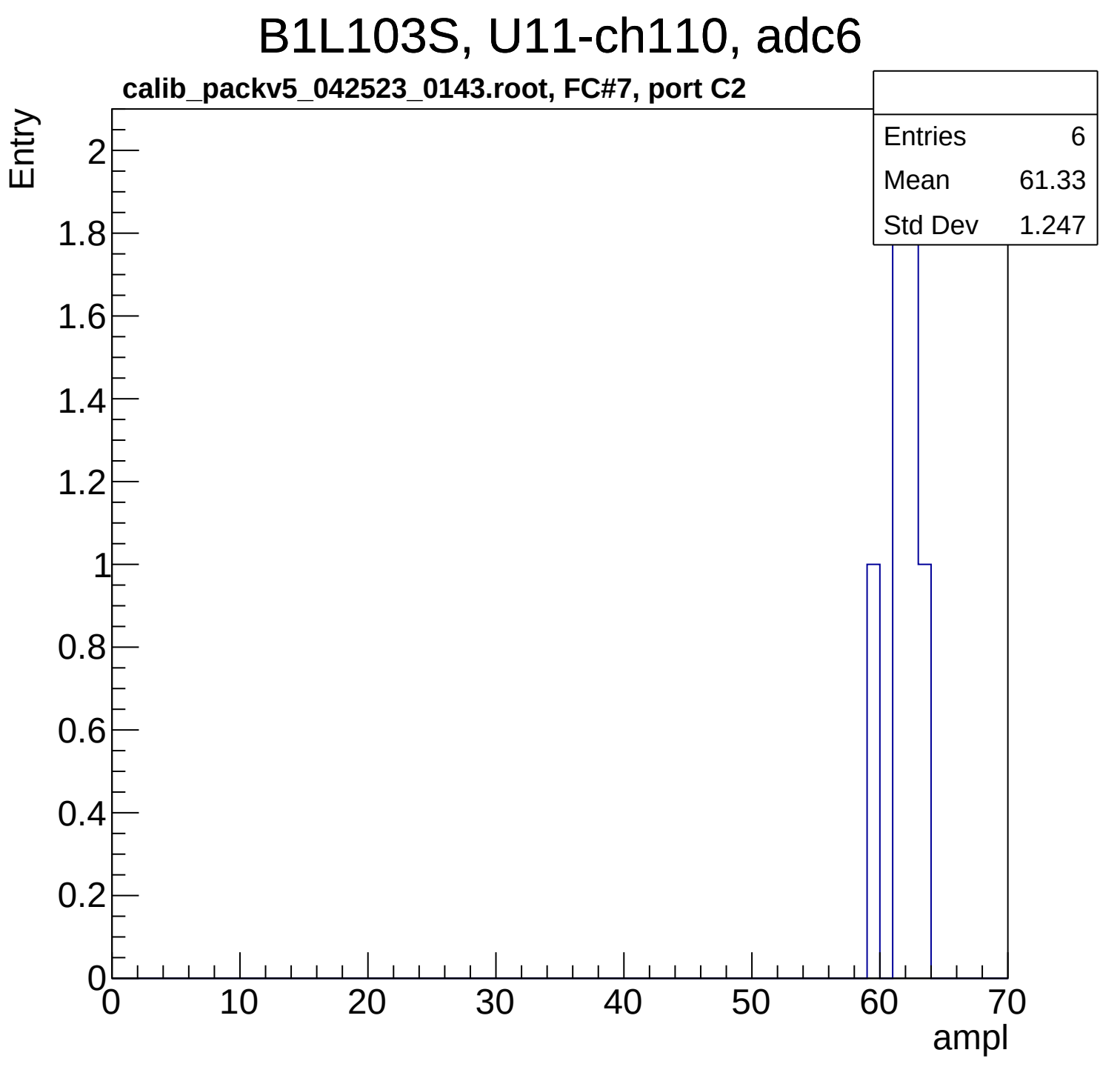
B1L103S, U11-ch110, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 6
Mean 61.33
Std Dev 1.247
Entry
ampl
0
0.2
0.4
0.6
0.8
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1.2
1.4
1.6
1.8
2
0
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40
50
60
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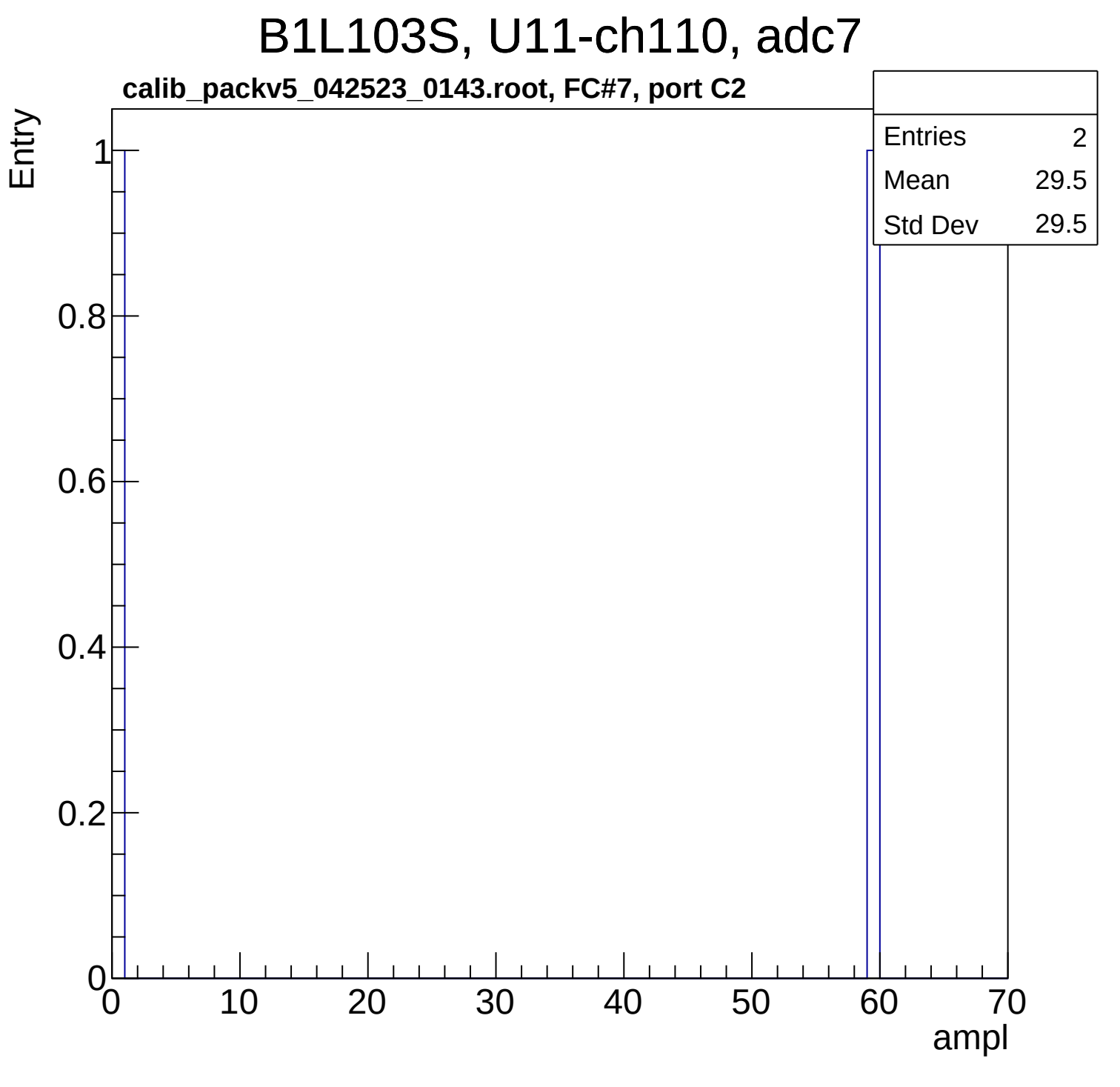
B1L103S, U11-ch110, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 29.5
Std Dev 29.5
Entry
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0.6
0.4
0.2
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10
20
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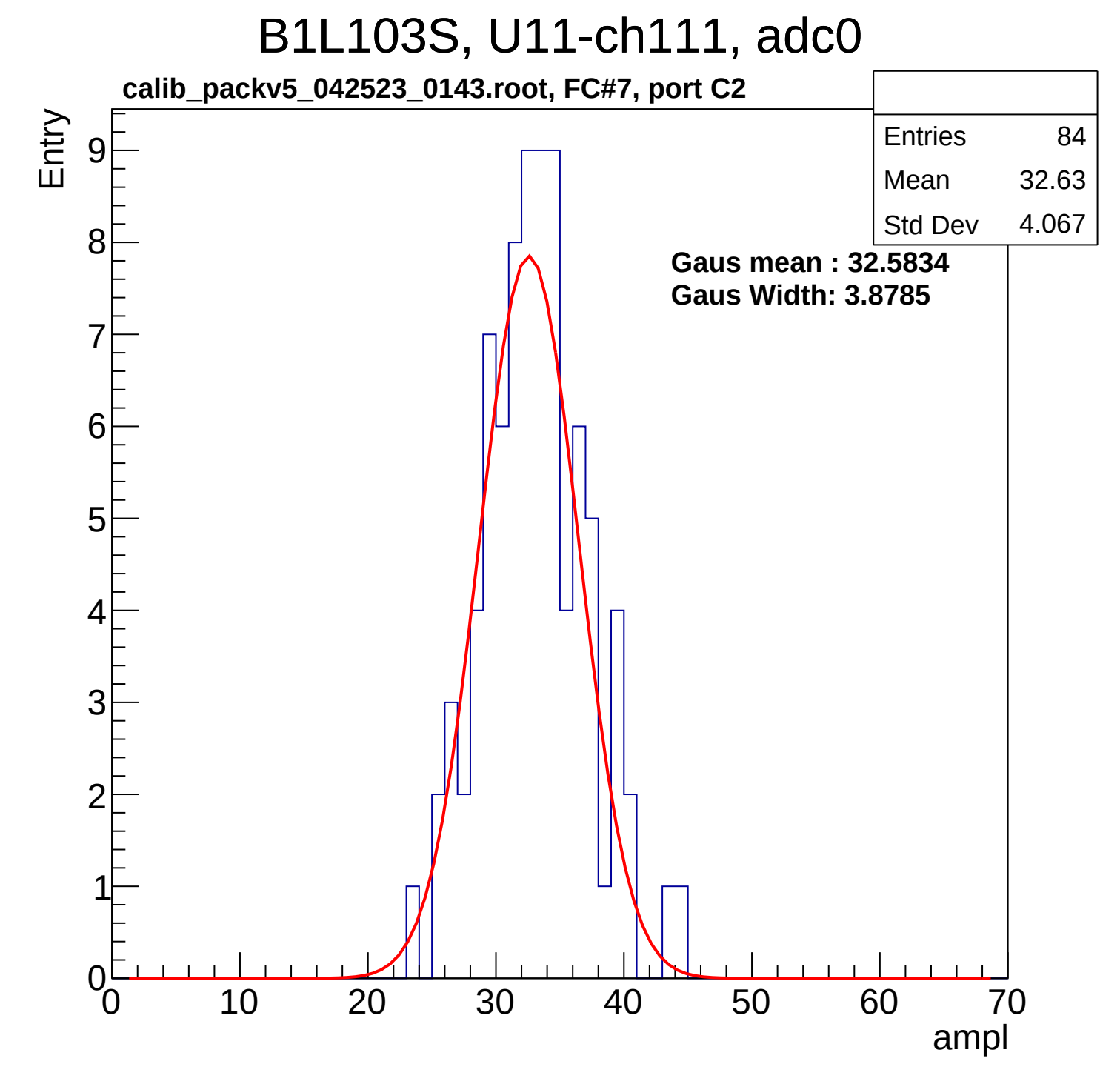
50
60
70
ampl


B1L103S, U11-ch111, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 84
Mean 32.63
Std Dev 4.067
Gaus mean : 32.5834
Gaus Width: 3.8785
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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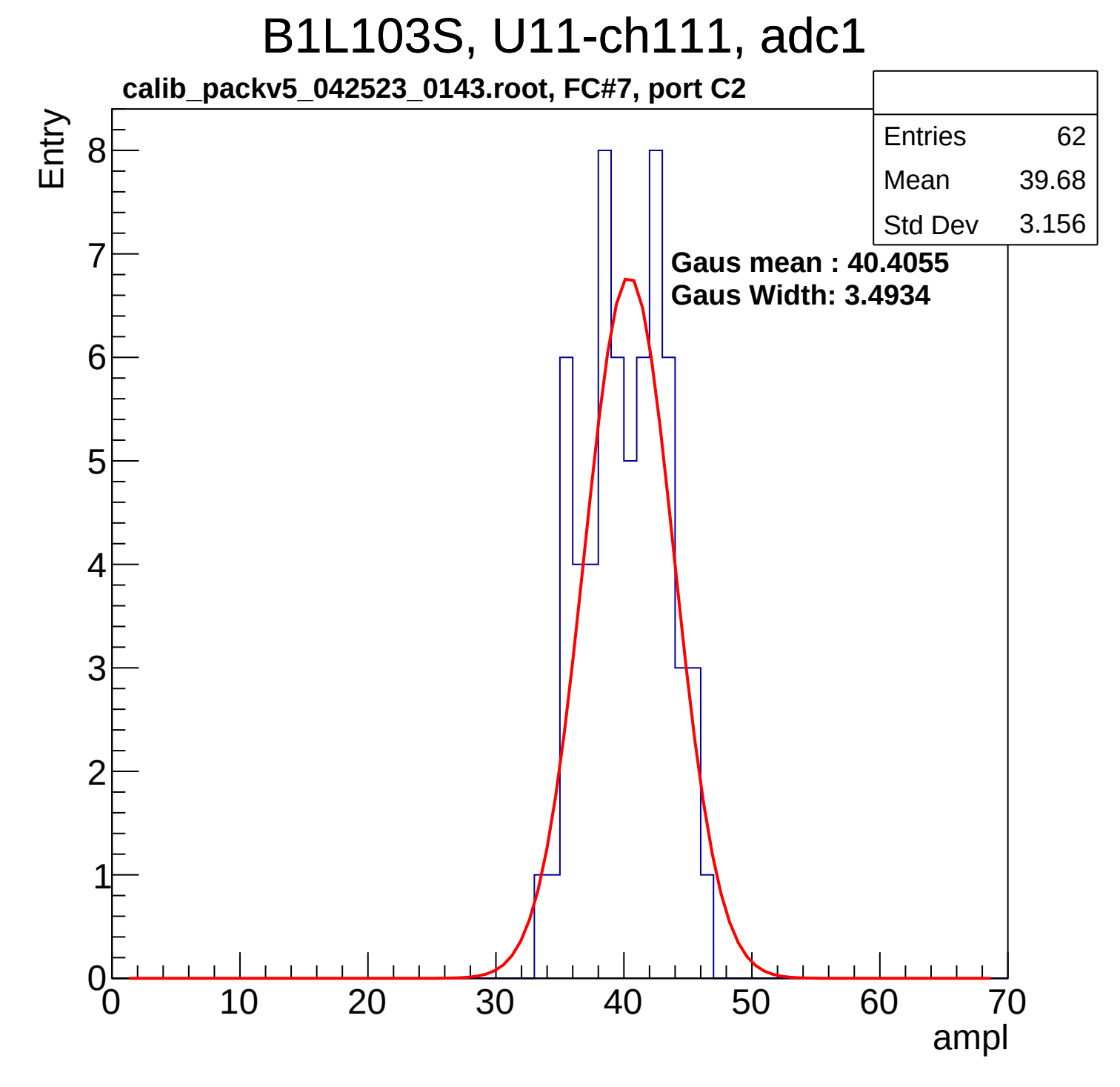
B1L103S, U11-ch111, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 39.68
Std Dev 3.156
Gaus mean : 40.4055
Gaus Width: 3.4934
Entry
ampl
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2
3
4
5
6
7
8
0
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20
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40
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60
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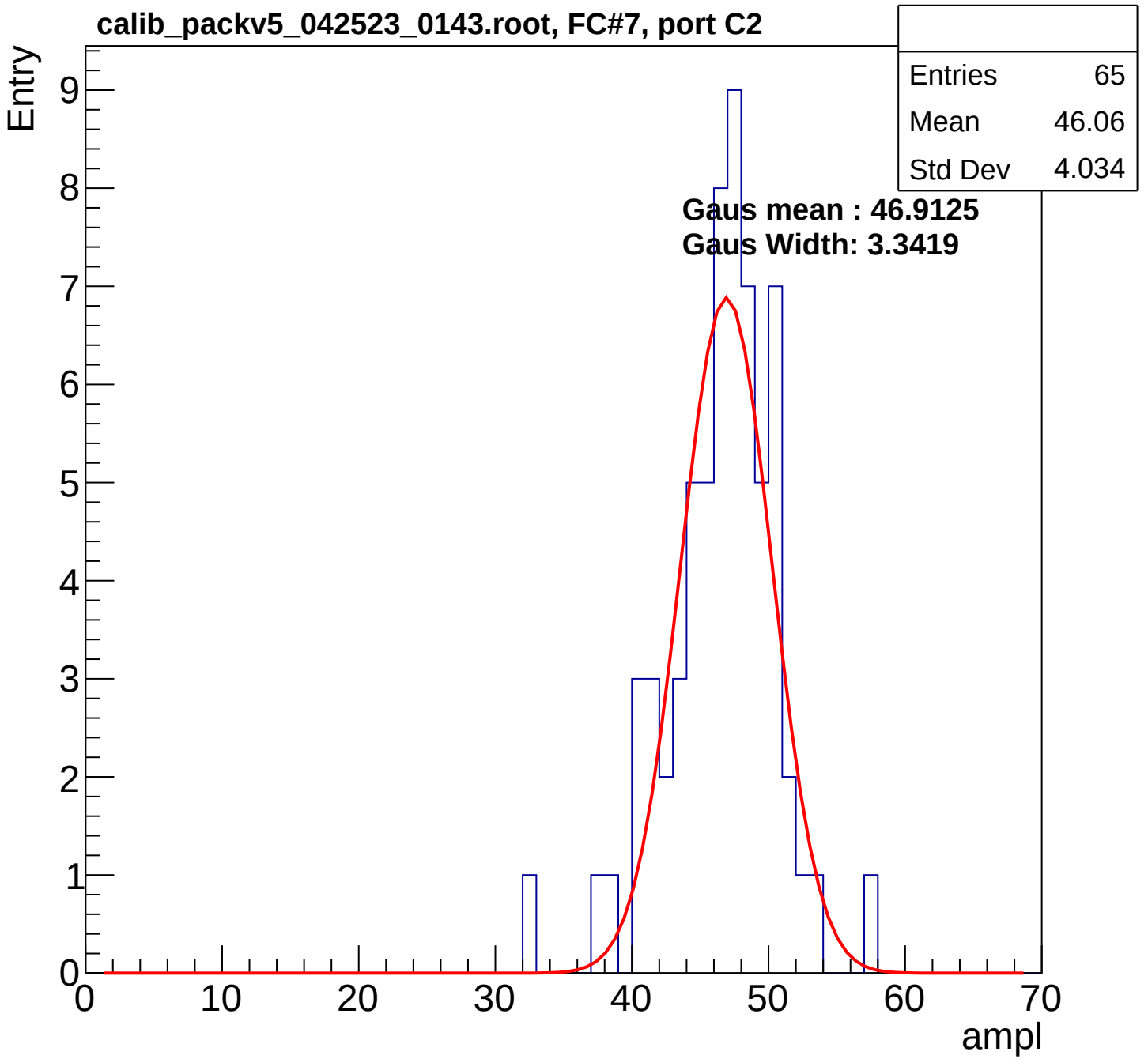
B1L103S, U11-ch111, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 46.06
Std Dev 4.034
Gaus mean : 46.9125
Gaus Width: 3.3419
Entry
ampl
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2
3
4
5
6
7
8
9
0
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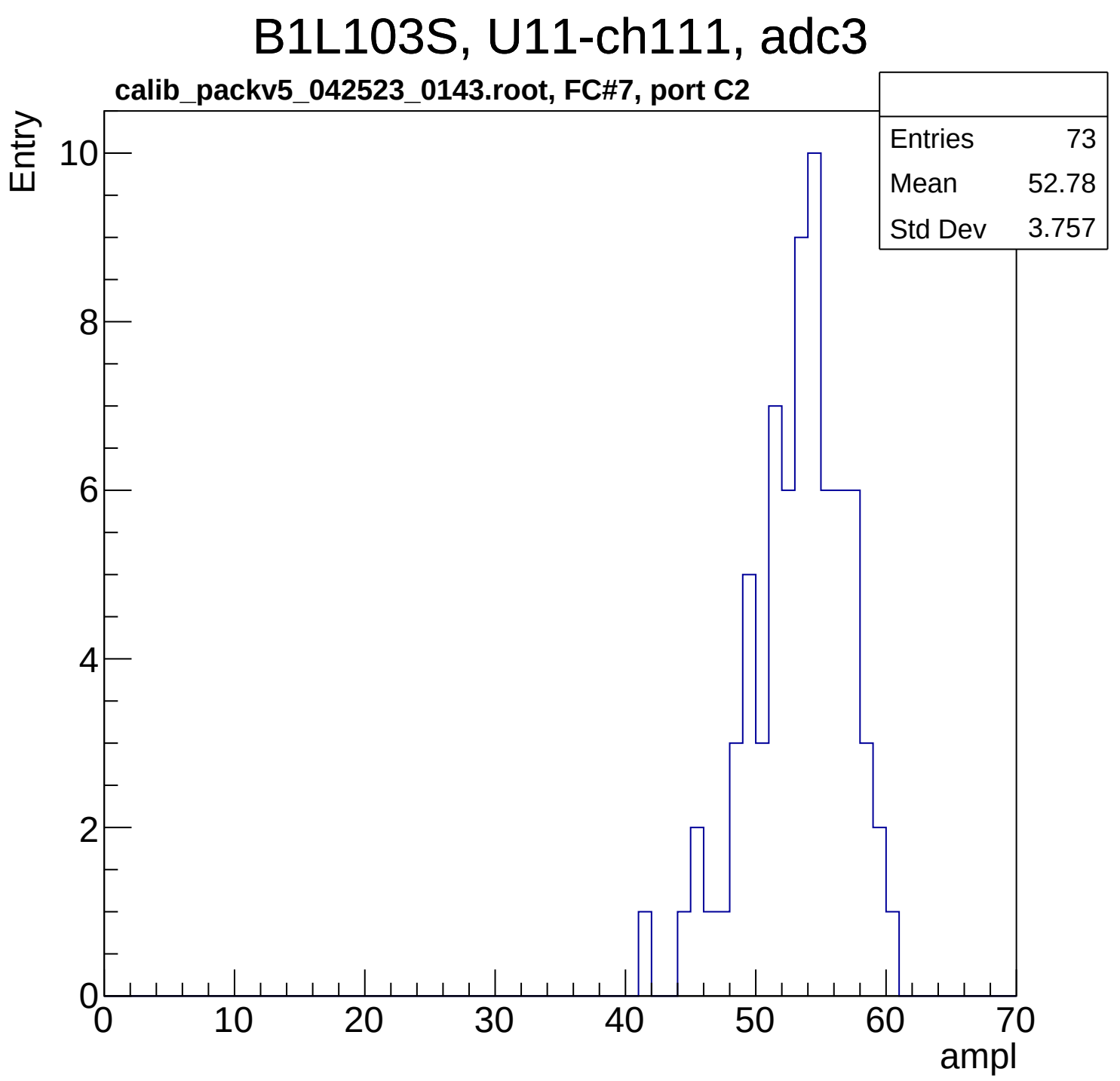
B1L103S, U11-ch111, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 52.78
Std Dev 3.757
Entry
ampl
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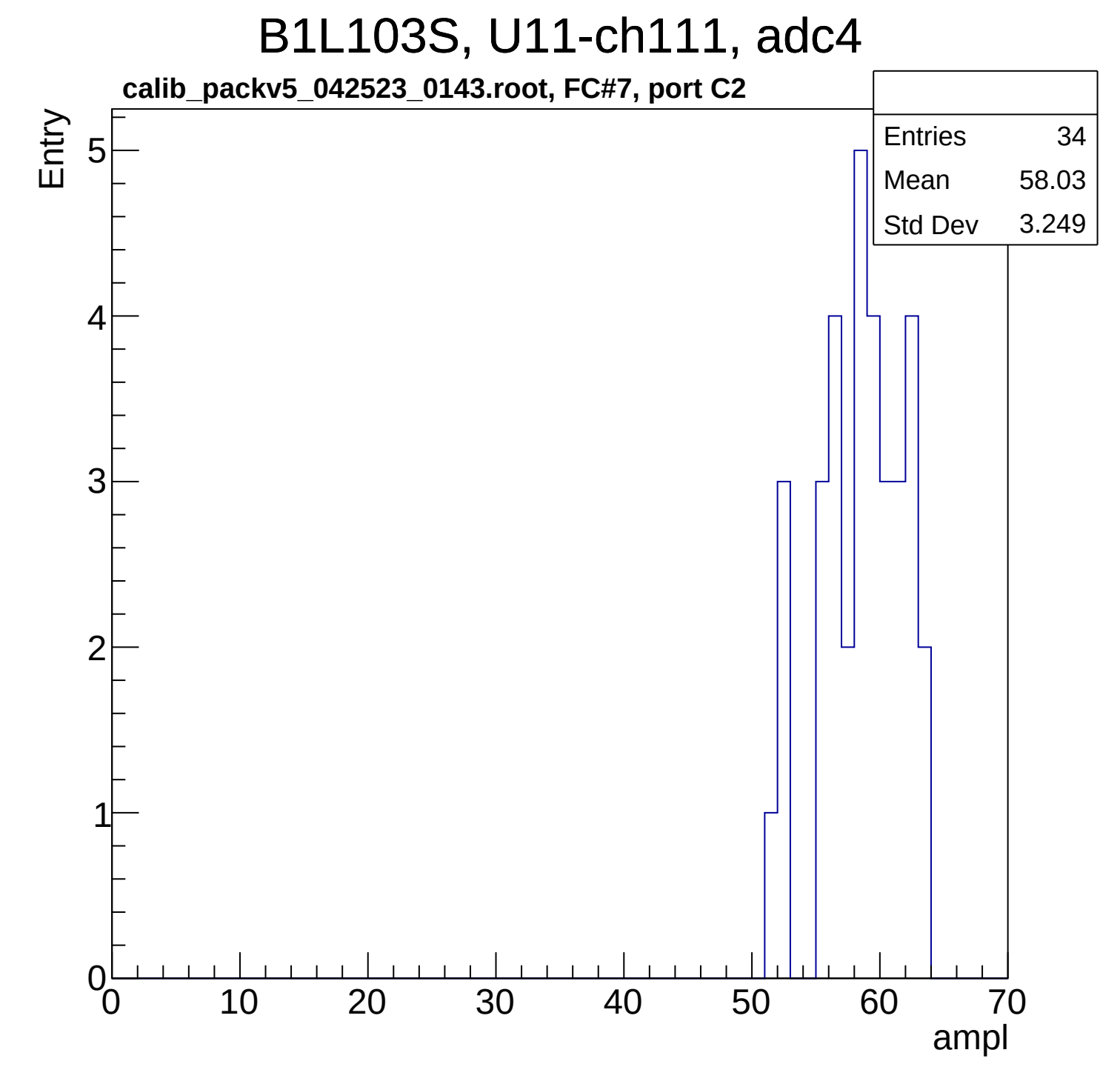
B1L103S, U11-ch111, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 34
Mean 58.03
Std Dev 3.249
Entry
ampl
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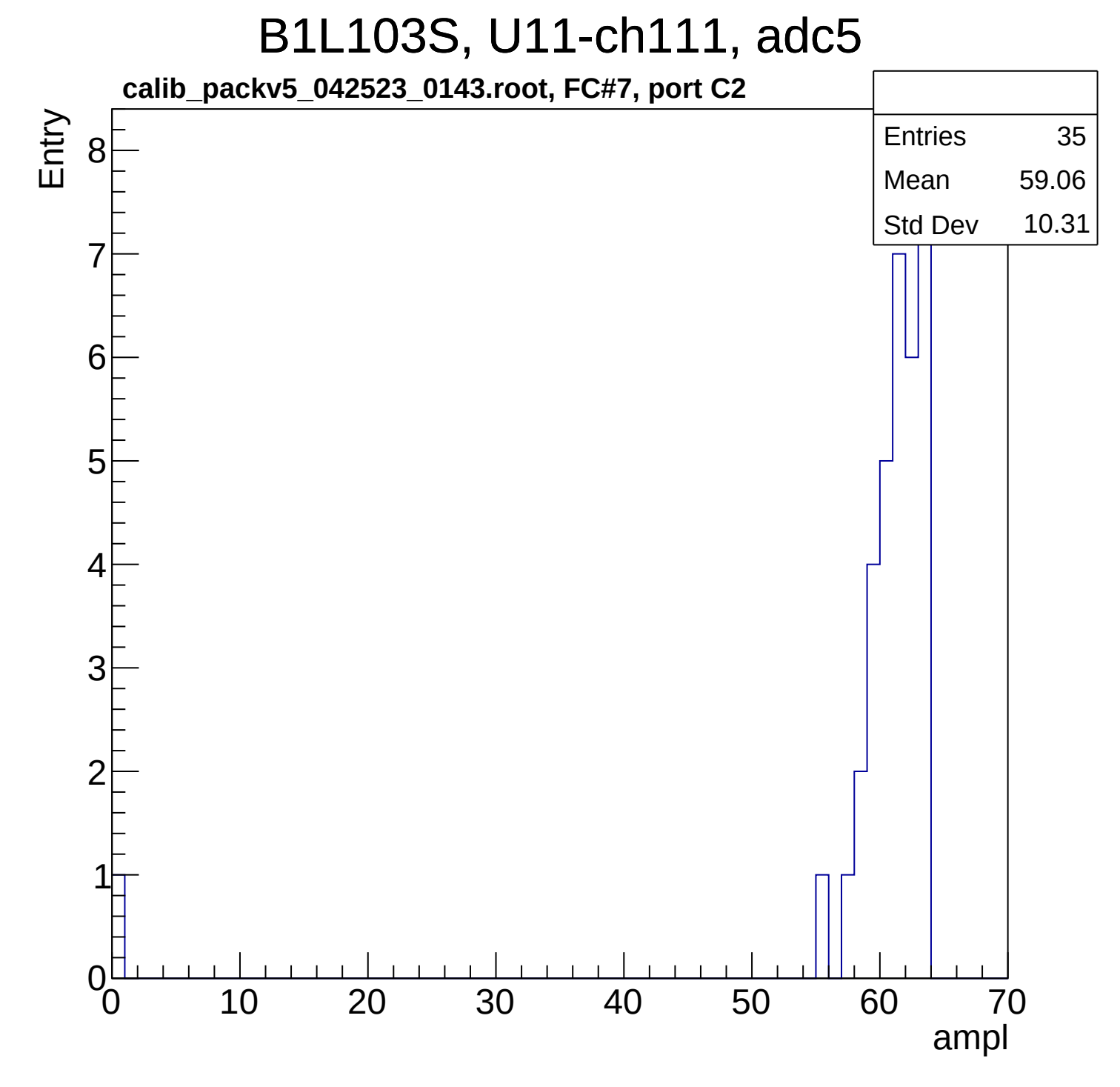
B1L103S, U11-ch111, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 35
Mean 59.06
Std Dev 10.31
Entry
ampl
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1
2
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4
5
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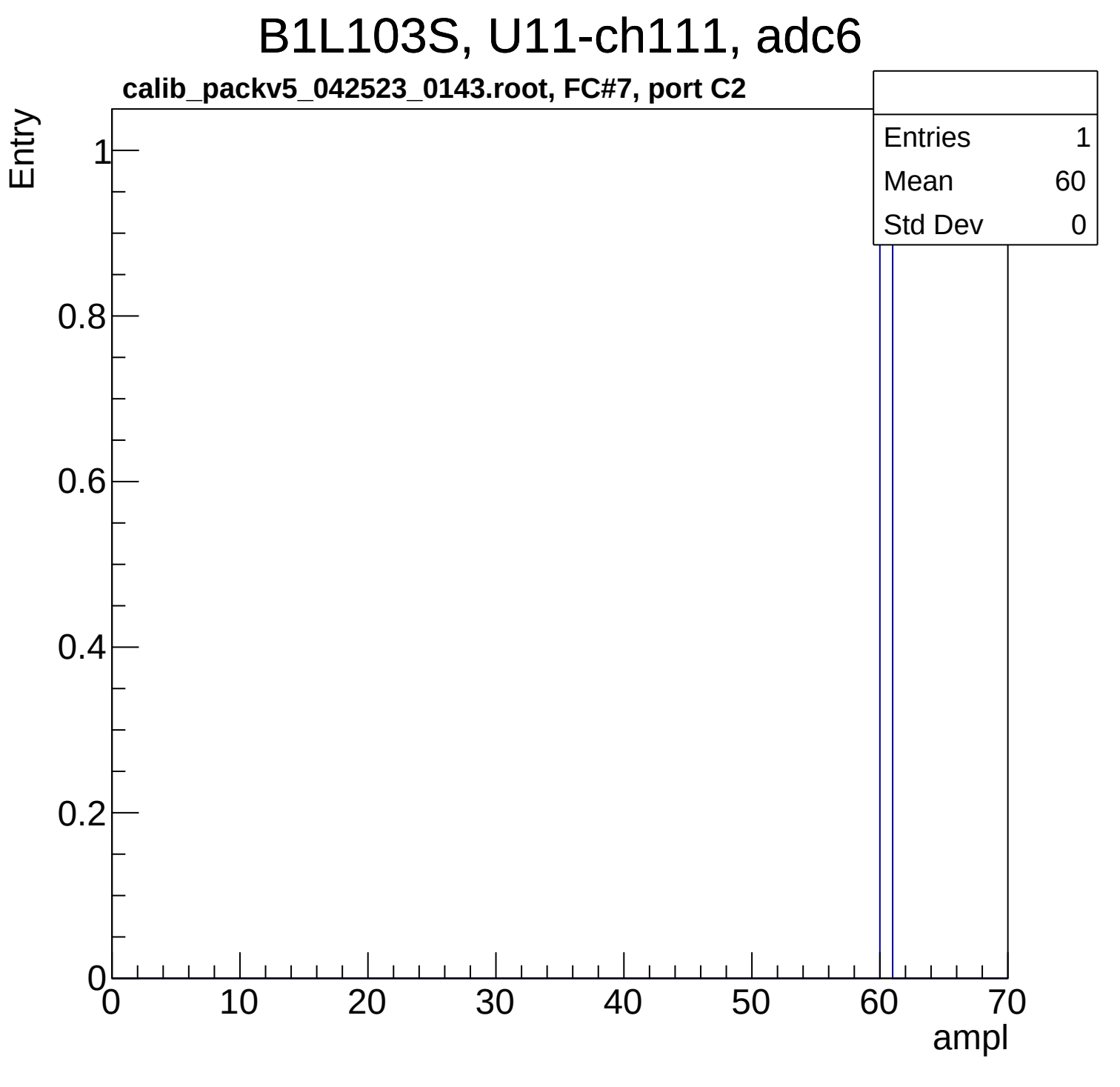
B1L103S, U11-ch111, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 60
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
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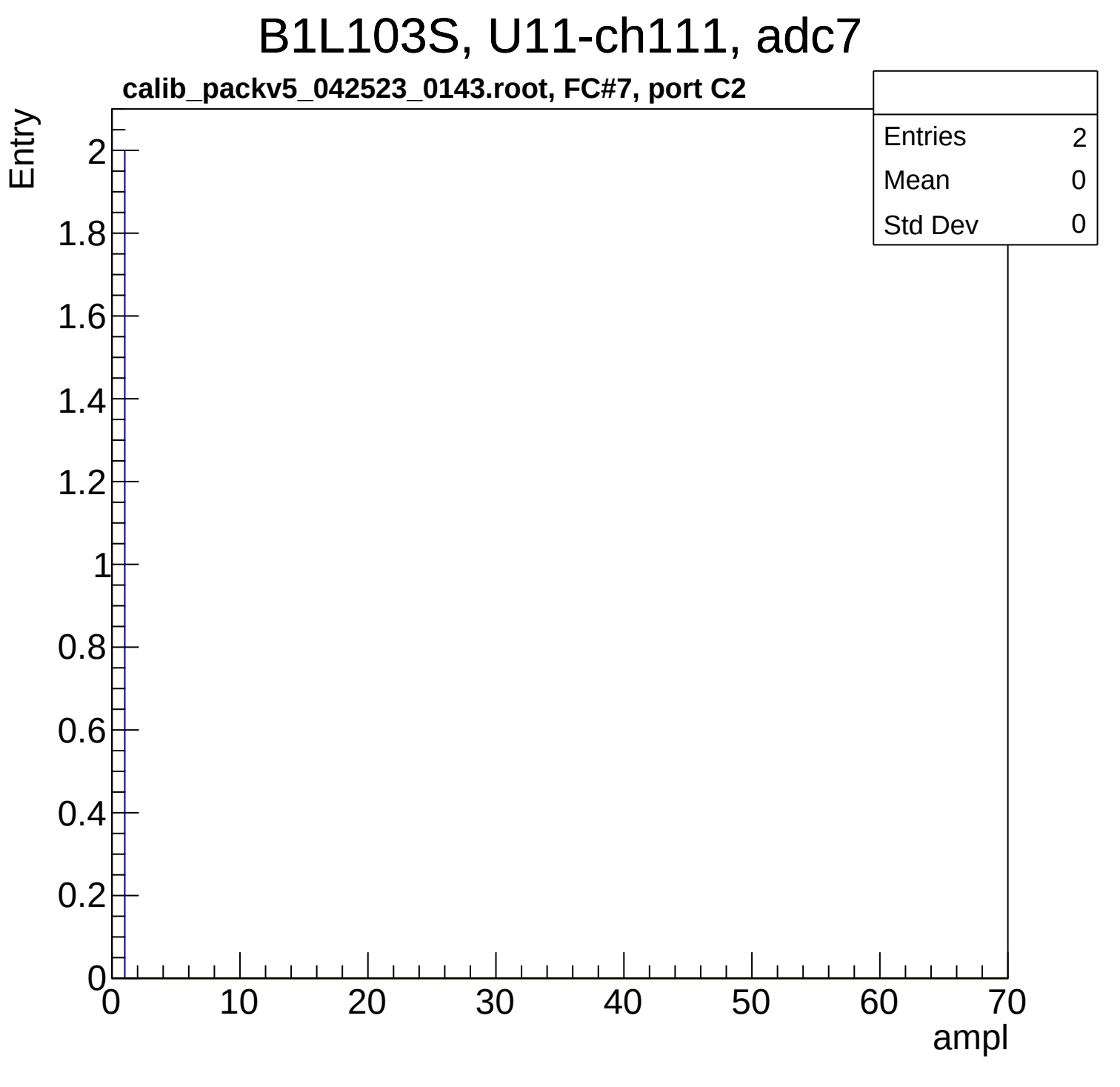
50
60
70
ampl


B1L103S, U11-ch111, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
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0.6
0.4
0.2
0
0
10
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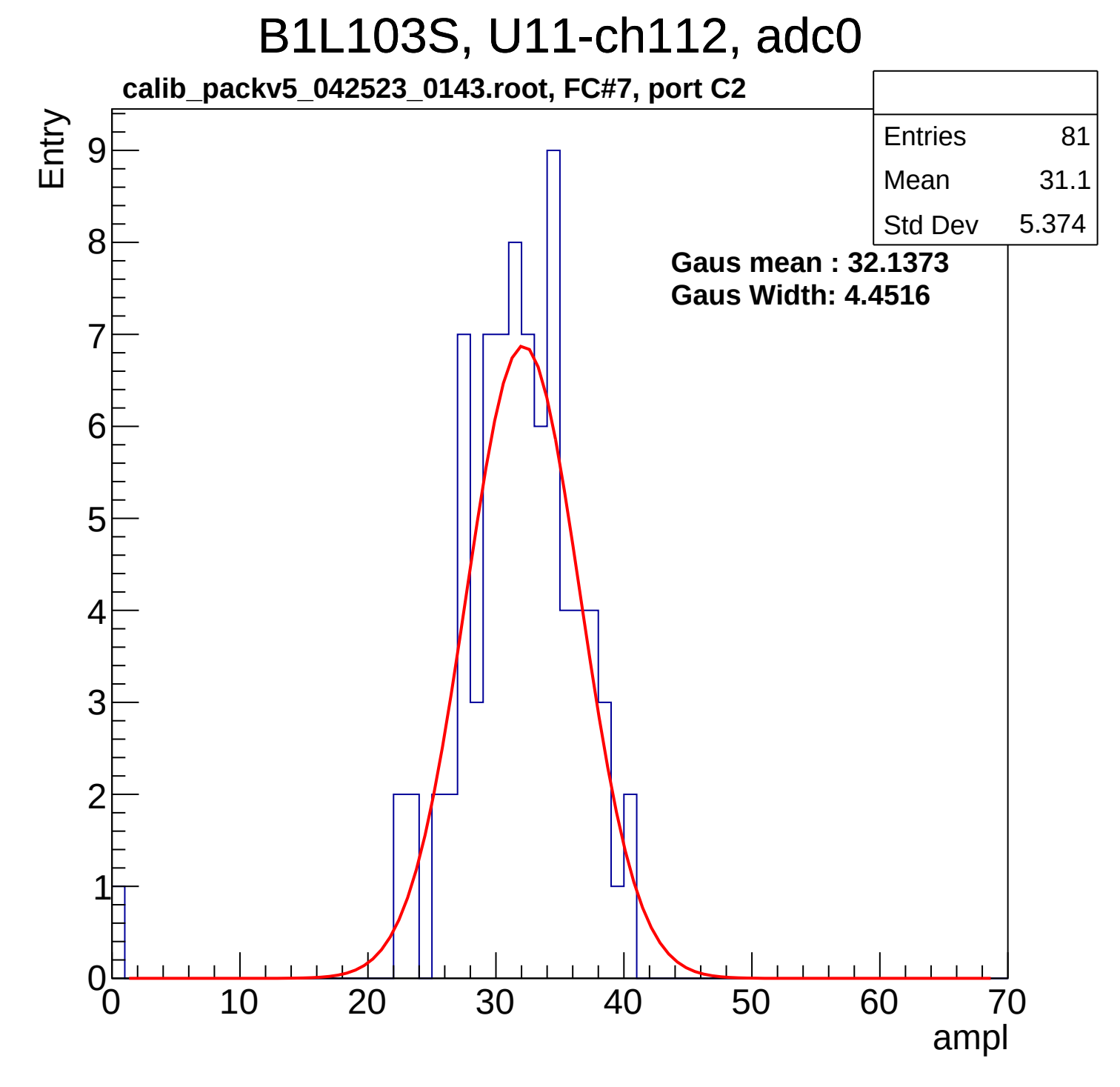
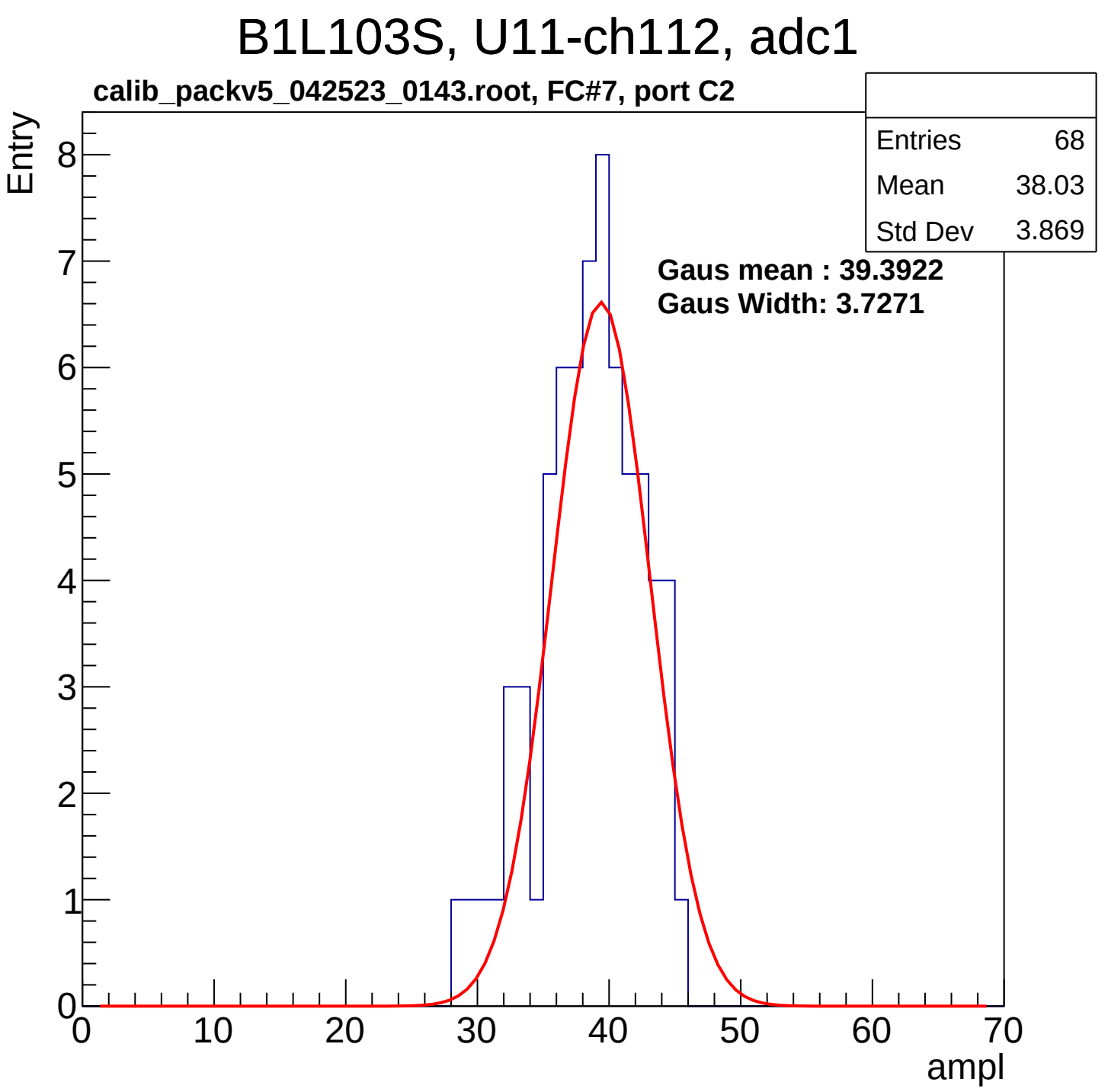
50
60
70
ampl


B1L103S, U11-ch112, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 81
Mean 31.1
Std Dev 5.374
Gaus mean : 32.1373
Gaus Width: 4.4516
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch112, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 38.03
Std Dev 3.869
Gaus mean : 39.3922
Gaus Width: 3.7271
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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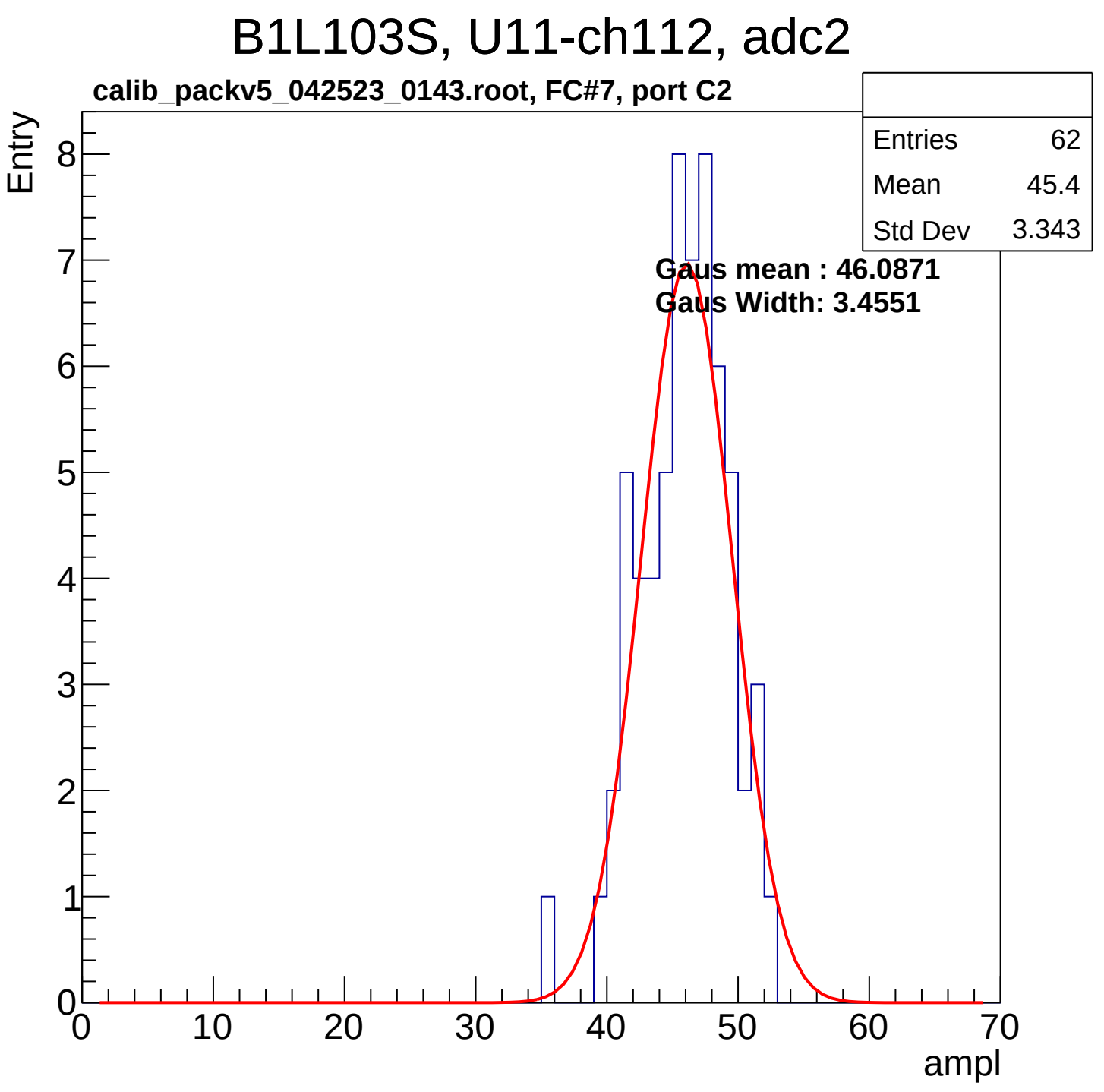
B1L103S, U11-ch112, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 45.4
Std Dev 3.343
Gaus mean : 46.0871
Gaus Width: 3.4551
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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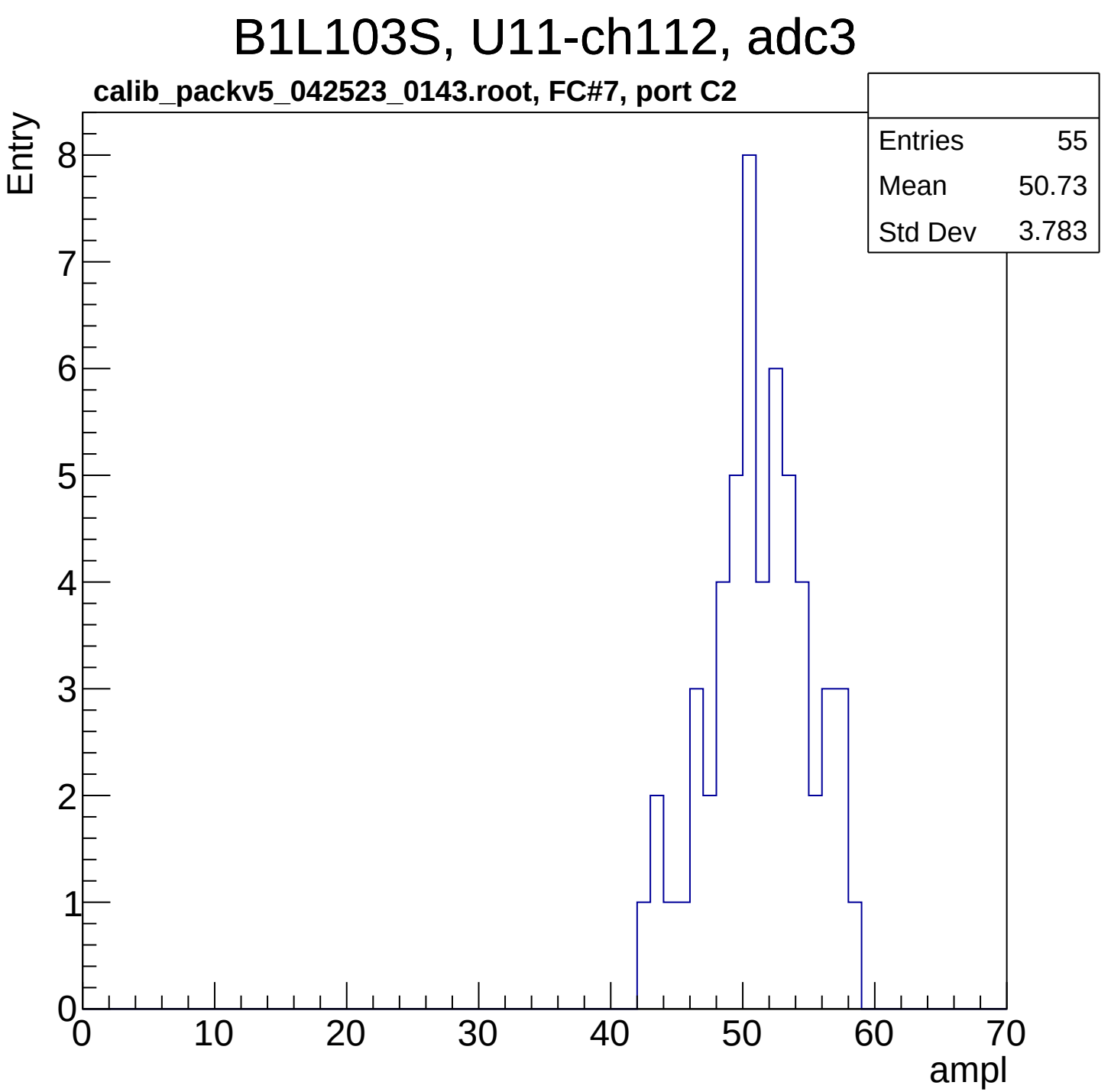
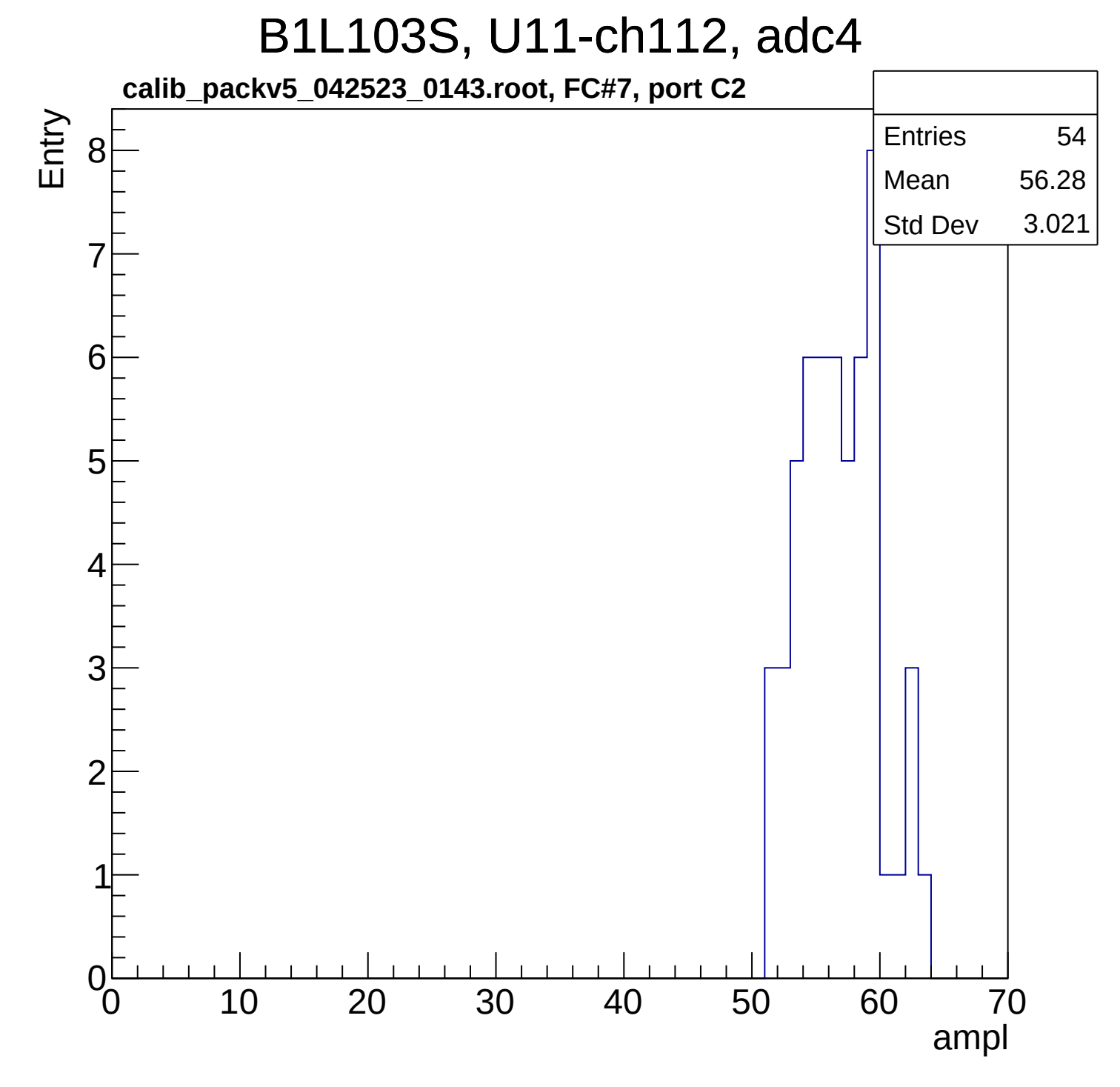

B1L103S, U11-ch112, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 50.73
Std Dev 3.783
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch112, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 56.28
Std Dev 3.021
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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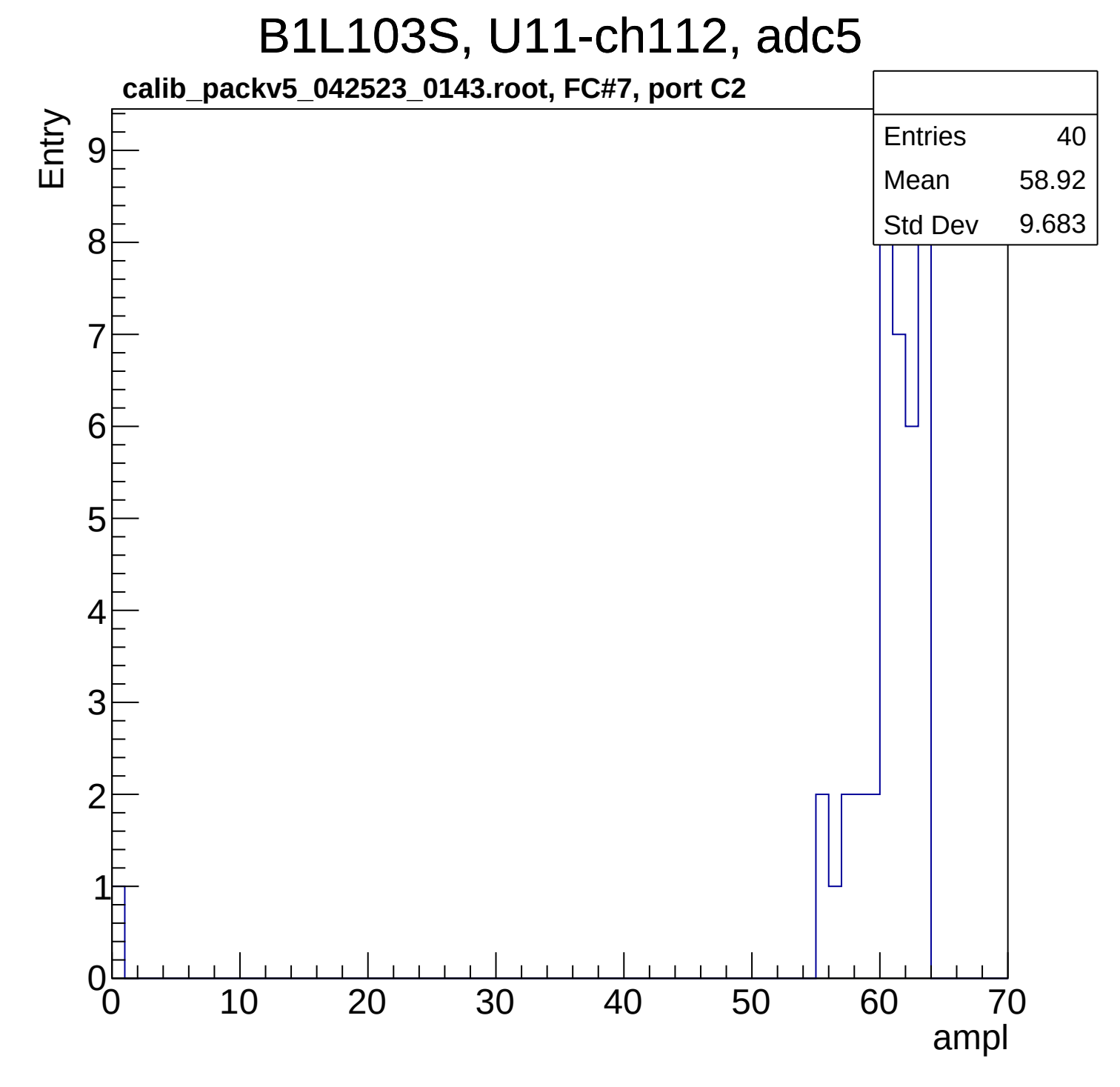
B1L103S, U11-ch112, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 40
Mean 58.92
Std Dev 9.683
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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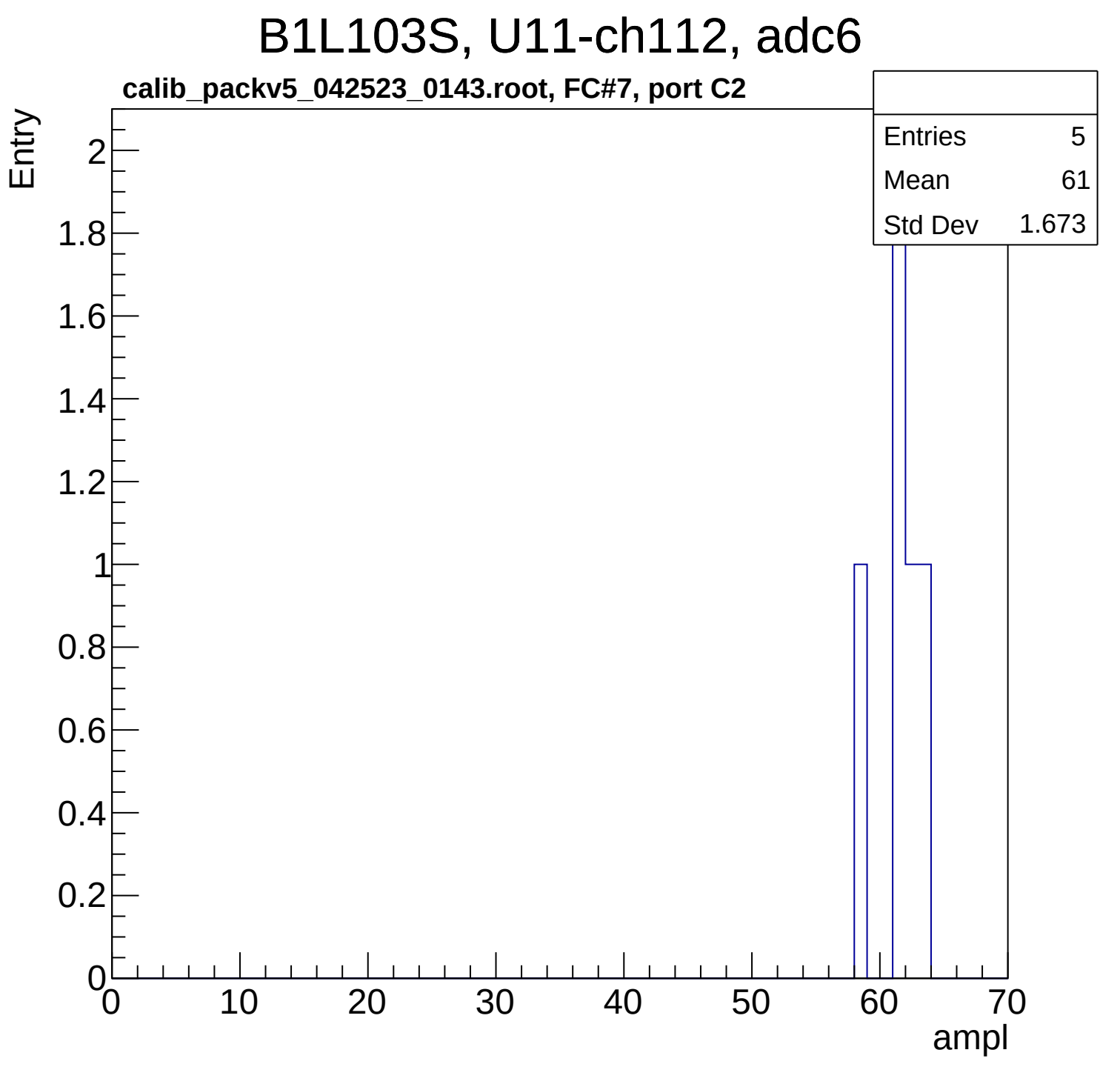
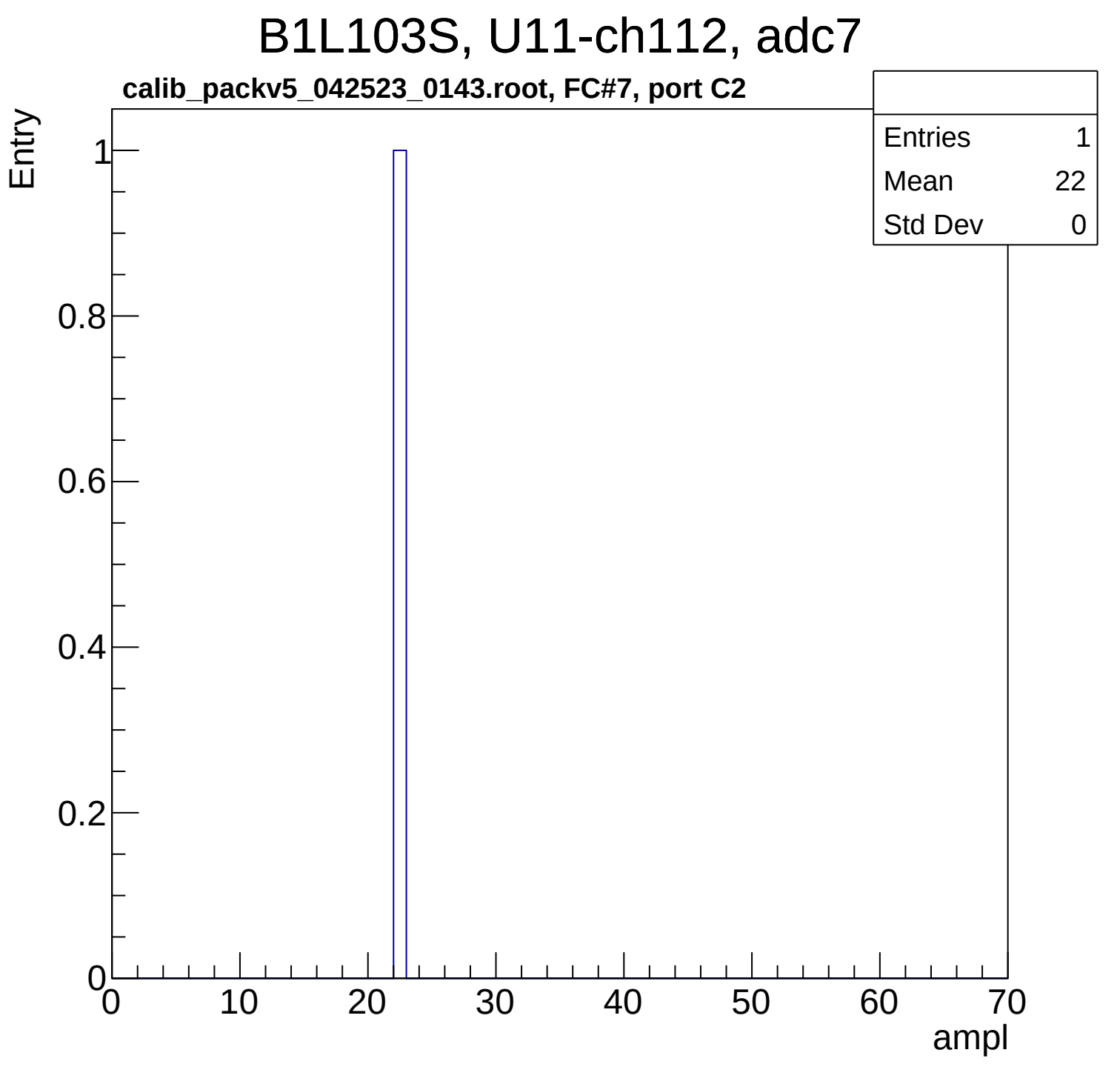
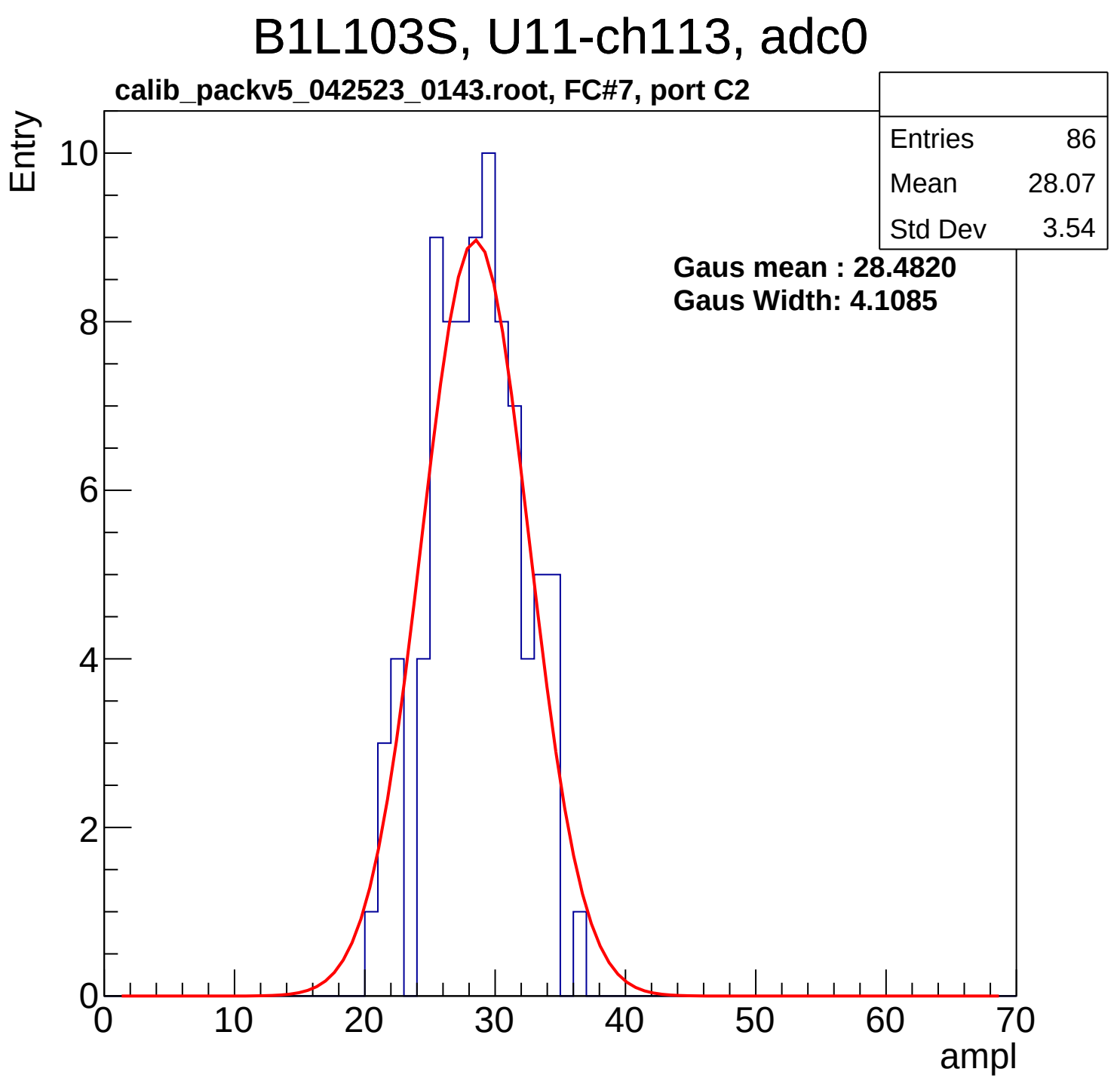
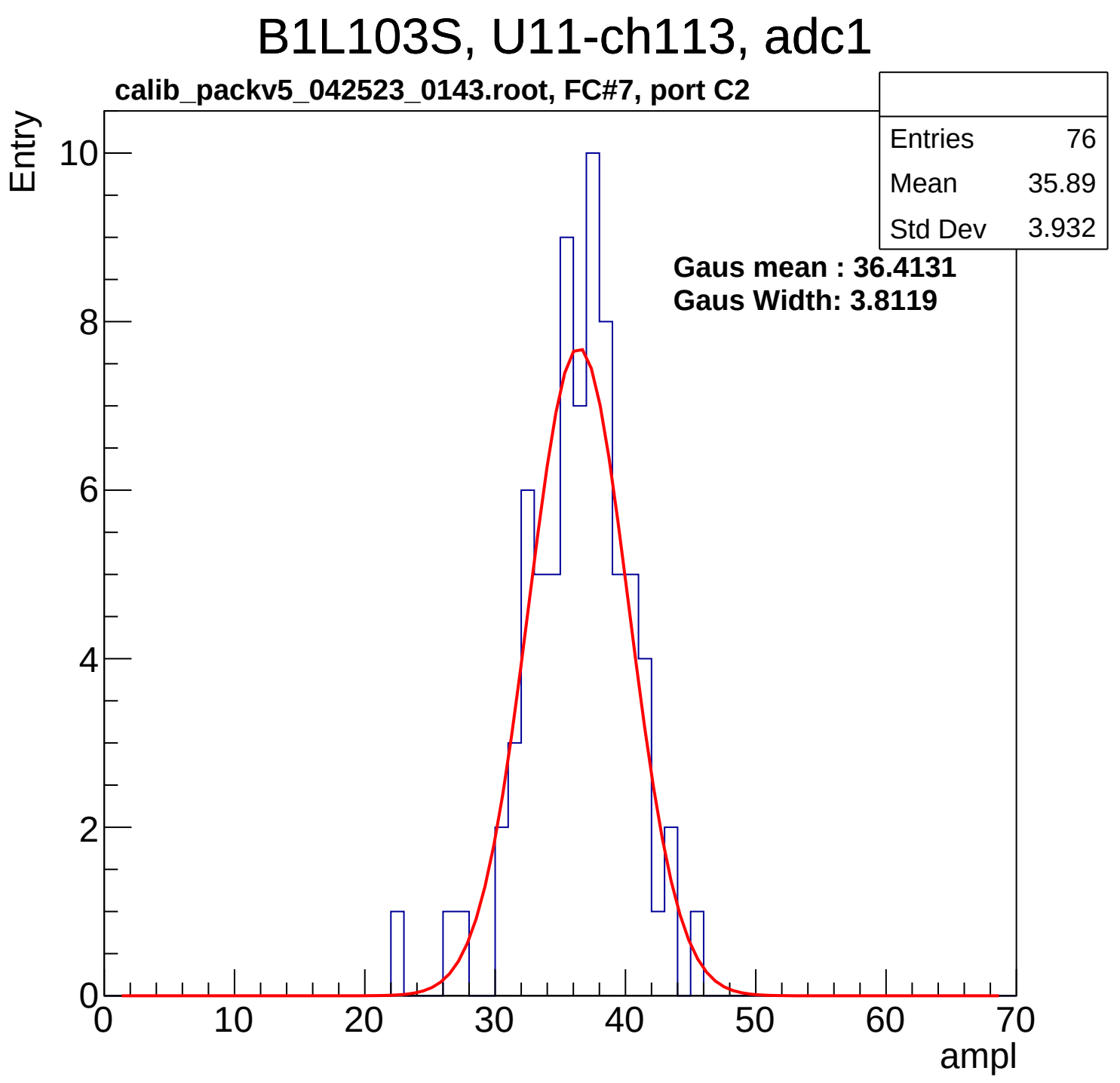

B1L103S, U11-ch112, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 61
Std Dev 1.673
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L103S, U11-ch112, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 22
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch113, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 86
Mean 28.07
Std Dev 3.54
Gaus mean : 28.4820
Gaus Width: 4.1085
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch113, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 35.89
Std Dev 3.932
Gaus mean : 36.4131
Gaus Width: 3.8119
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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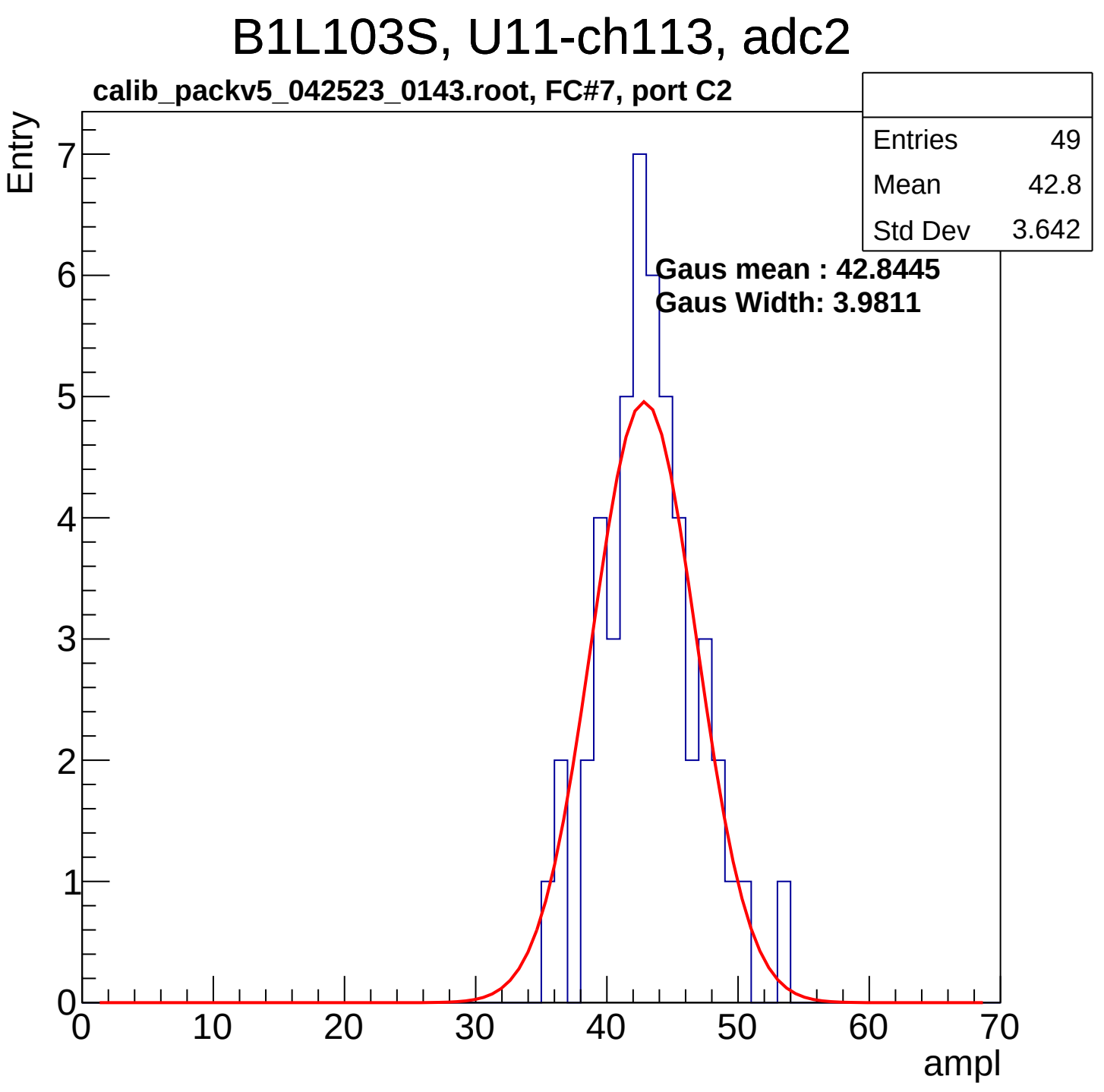
B1L103S, U11-ch113, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 42.8
Std Dev 3.642
Gaus mean : 42.8445
Gaus Width: 3.9811
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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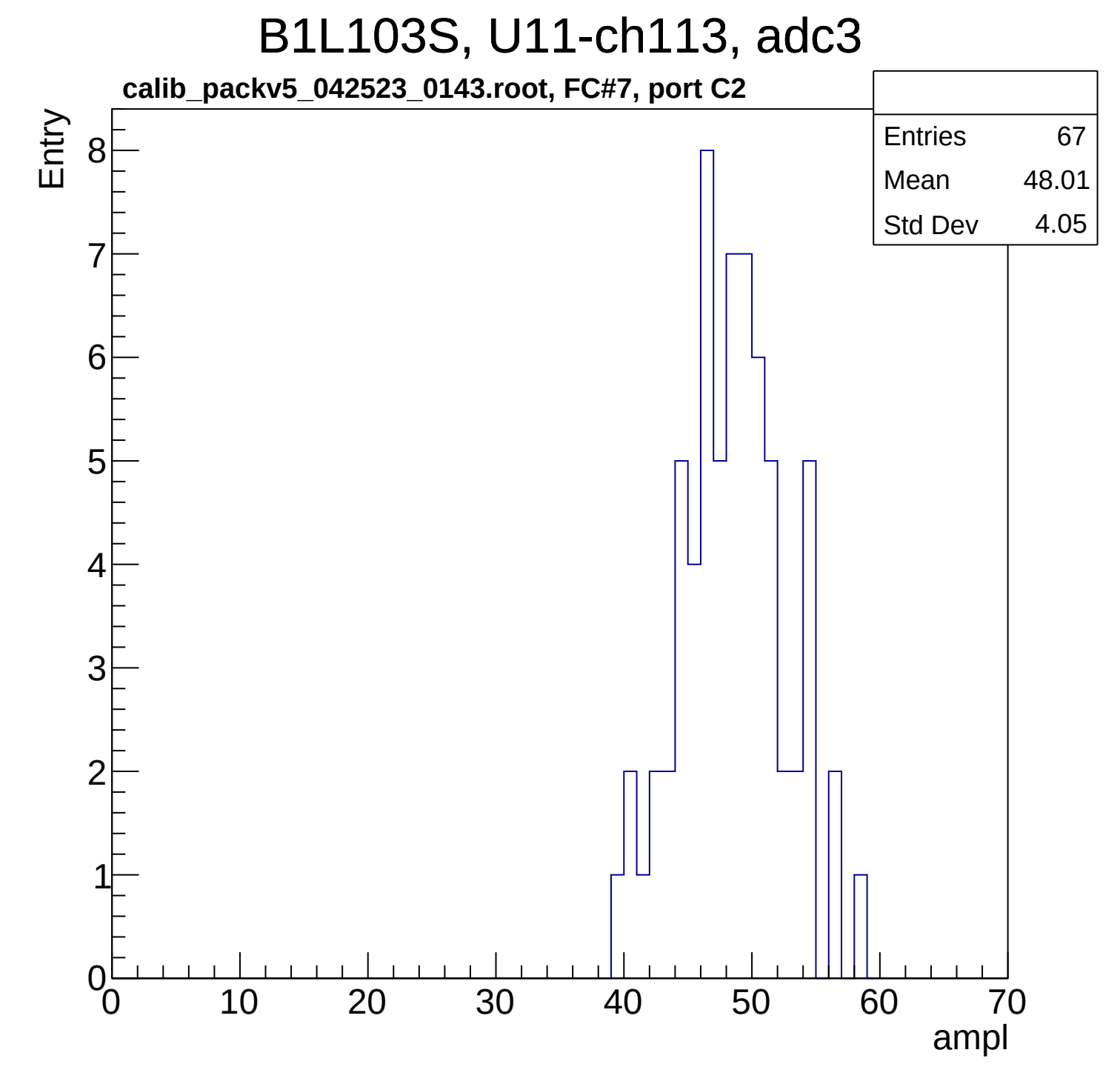
B1L103S, U11-ch113, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 48.01
Std Dev 4.05
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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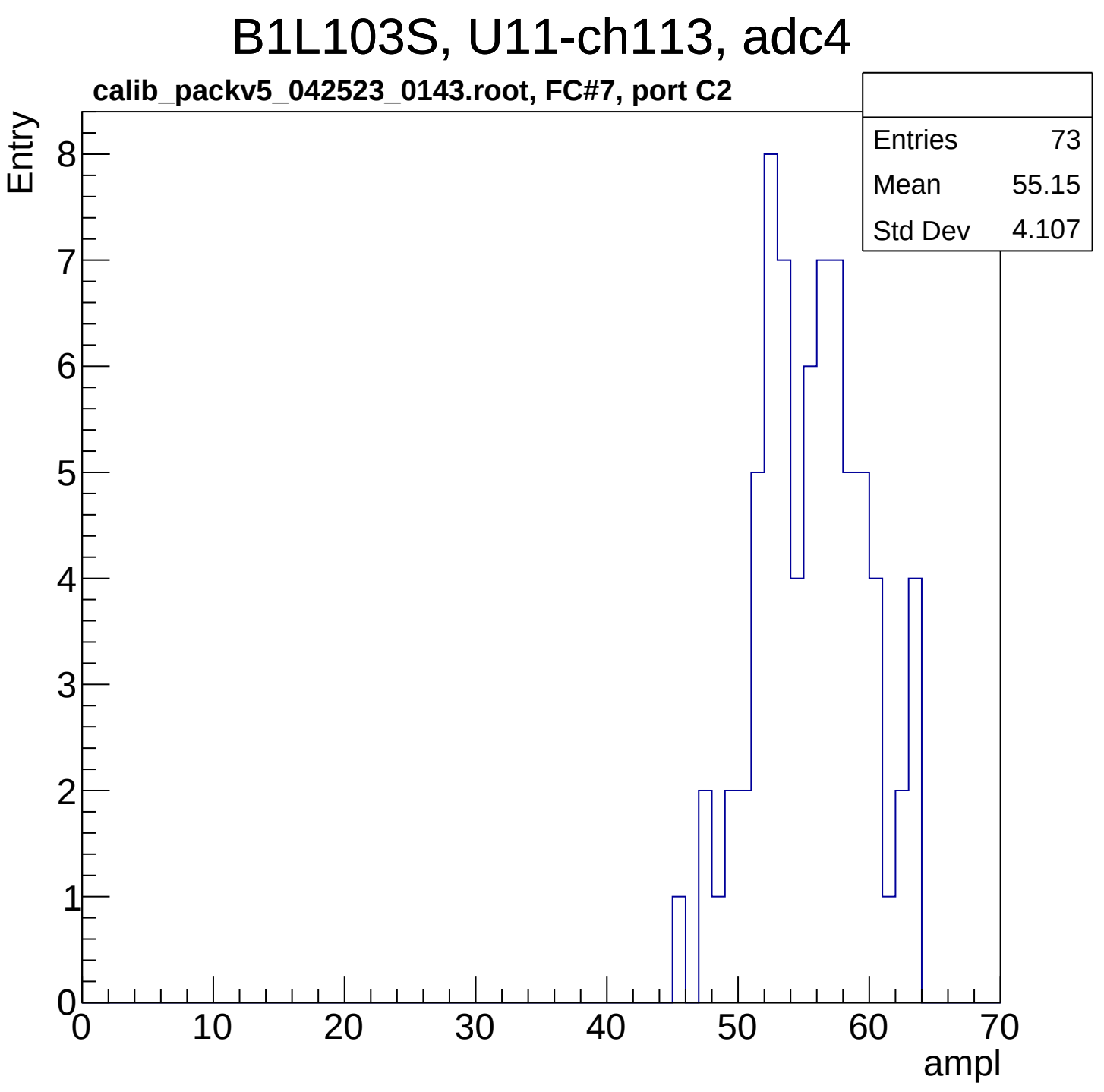
B1L103S, U11-ch113, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 55.15
Std Dev 4.107
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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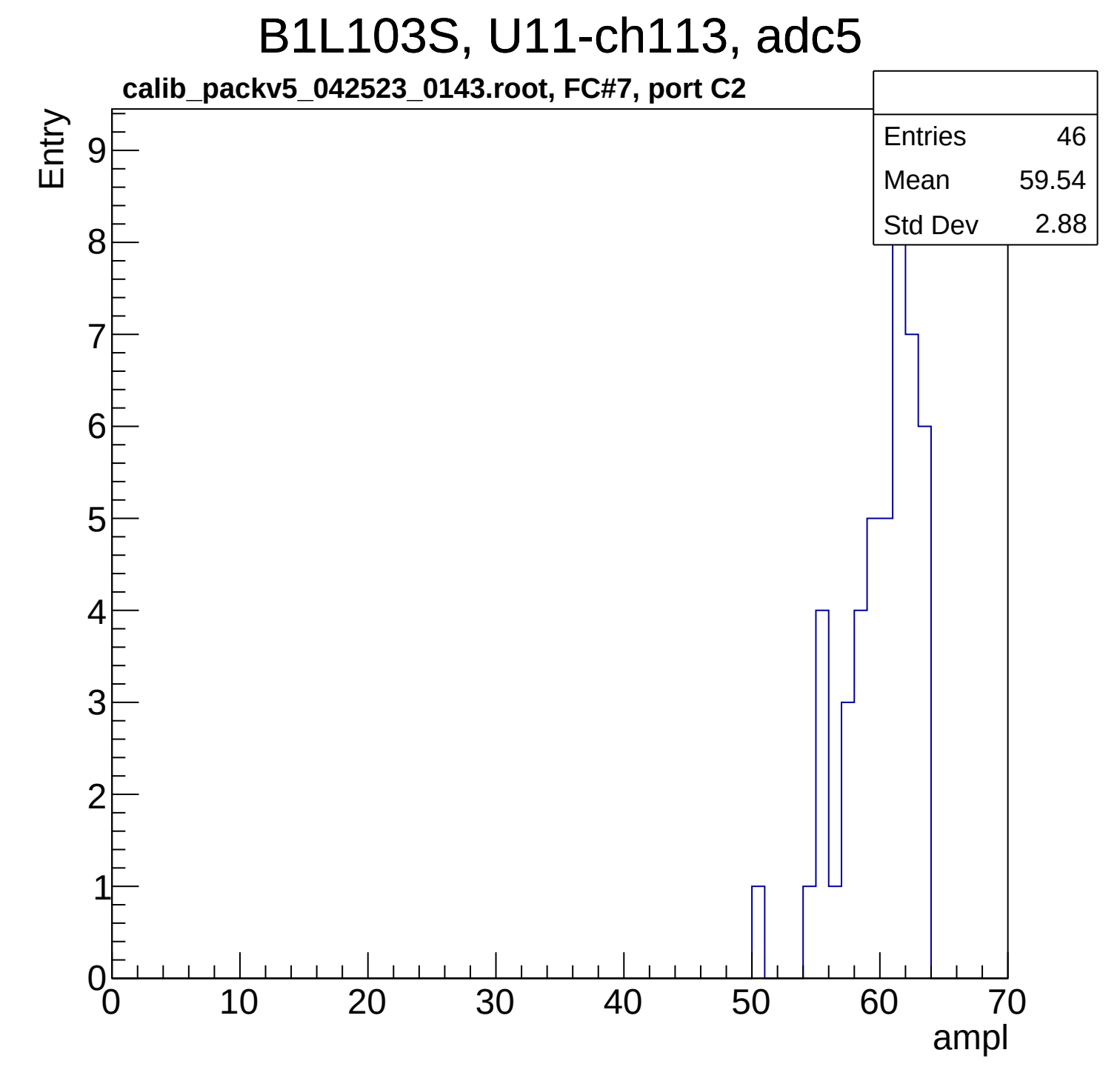
B1L103S, U11-ch113, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 46
Mean 59.54
Std Dev 2.88
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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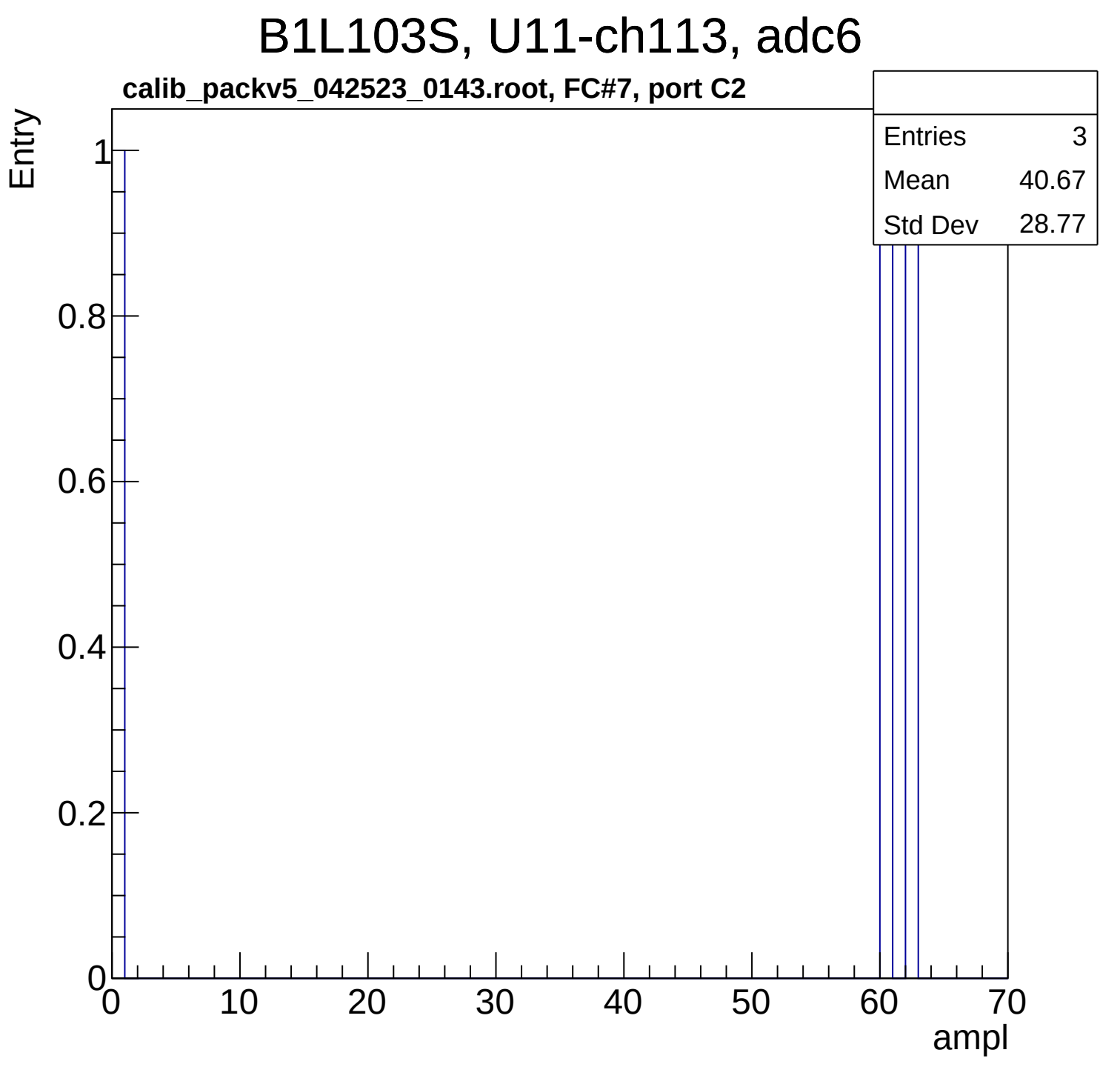
B1L103S, U11-ch113, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 40.67
Std Dev 28.77
Entry
ampl
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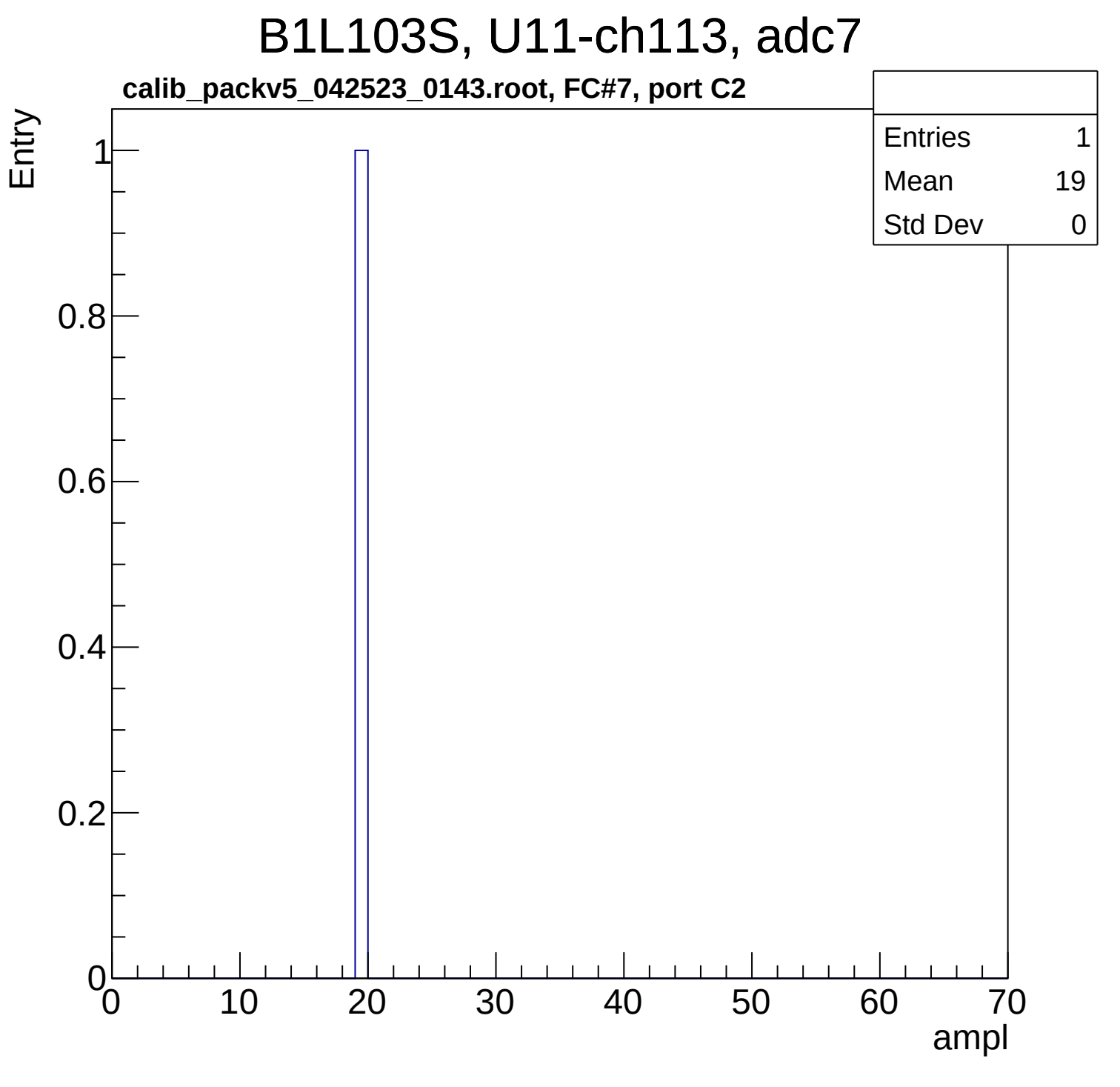
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L103S, U11-ch113, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 19
Std Dev 0
Entry
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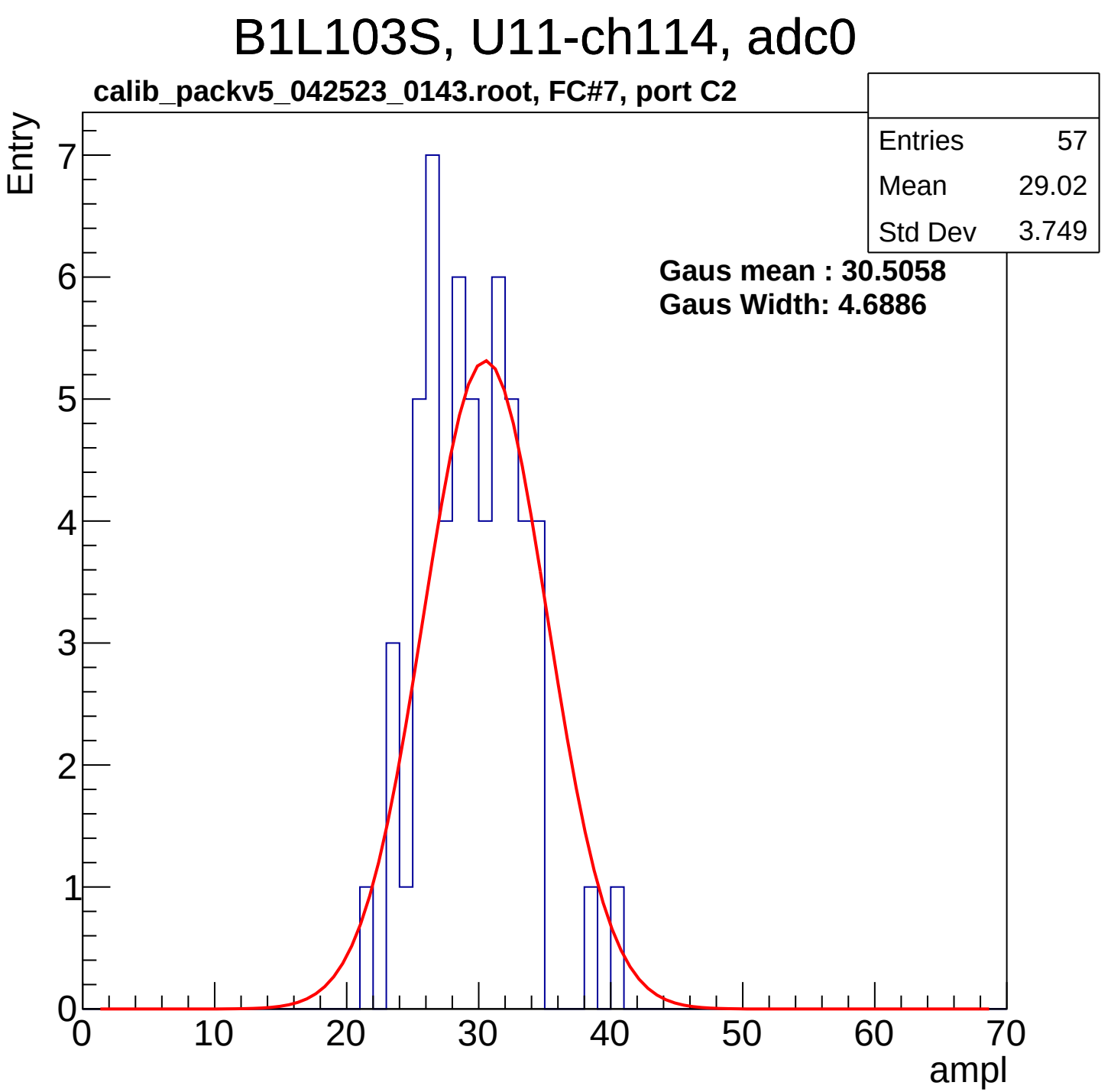
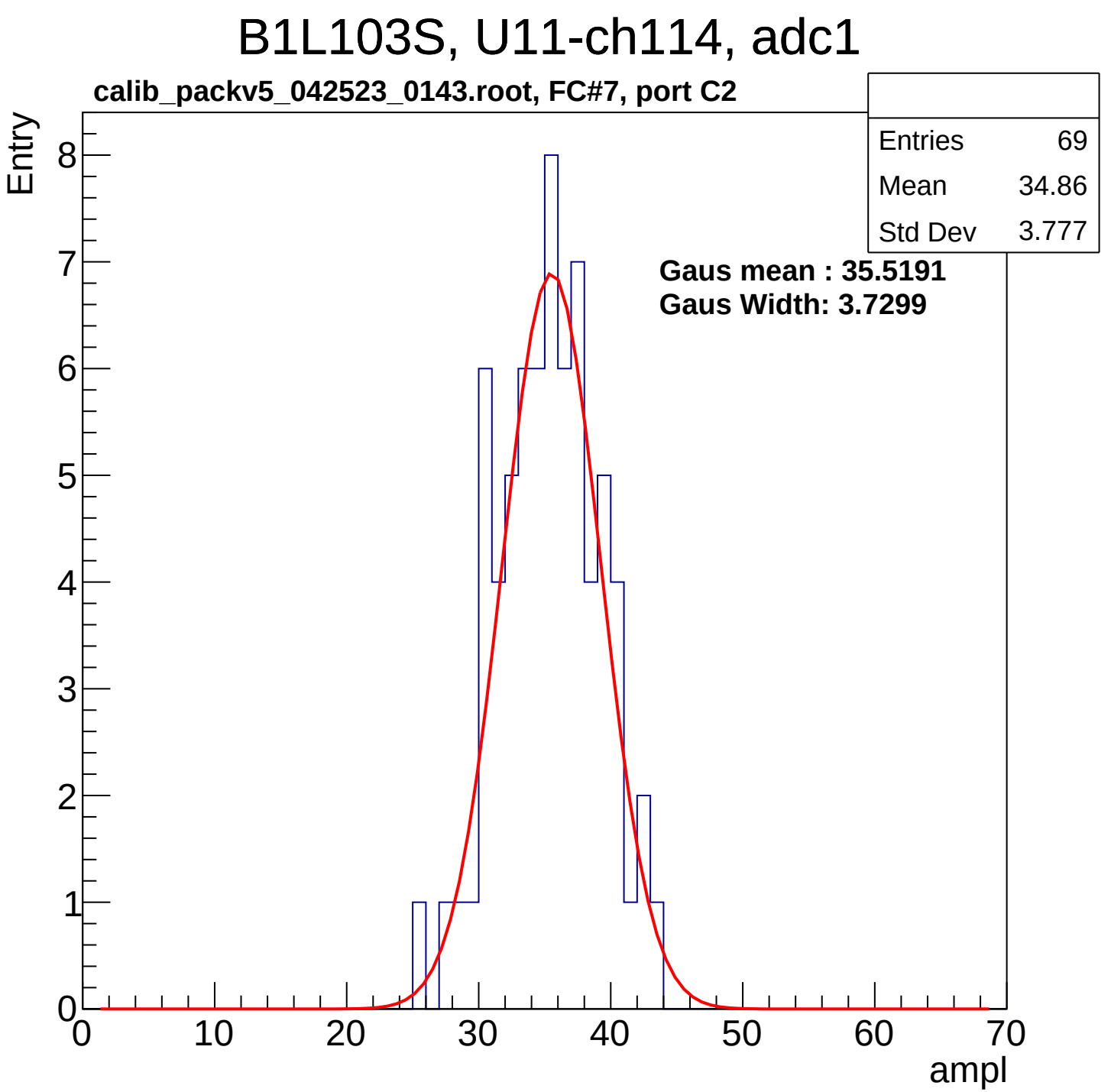
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch114, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 29.02
Std Dev 3.749
Gaus mean : 30.5058
Gaus Width: 4.6886
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U11-ch114, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 34.86
Std Dev 3.777
Gaus mean : 35.5191
Gaus Width: 3.7299
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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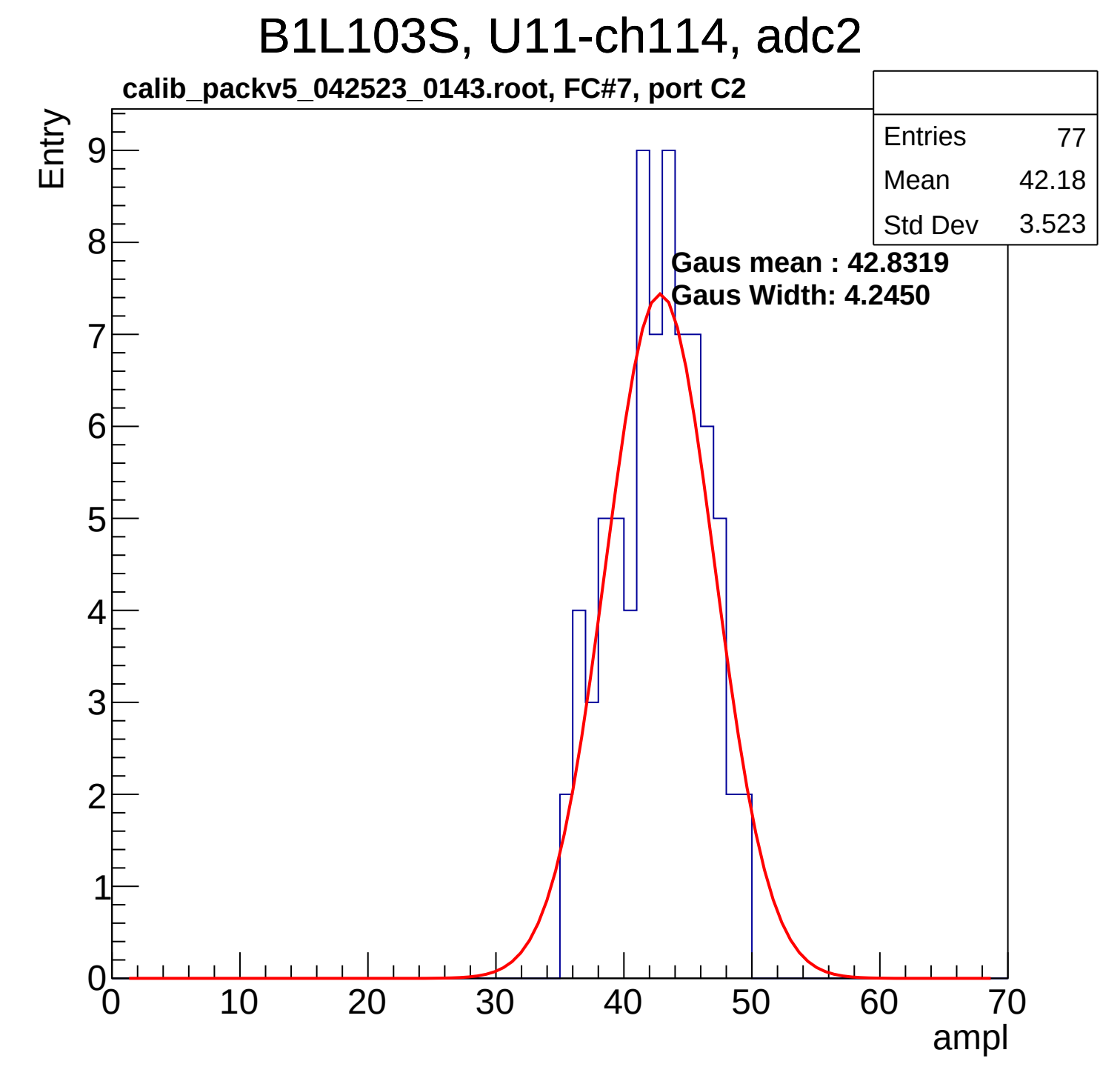
B1L103S, U11-ch114, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 77
Mean 42.18
Std Dev 3.523
Gaus mean : 42.8319
Gaus Width: 4.2450
Entry
ampl
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1
2
3
4
5
6
7
8
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0
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60
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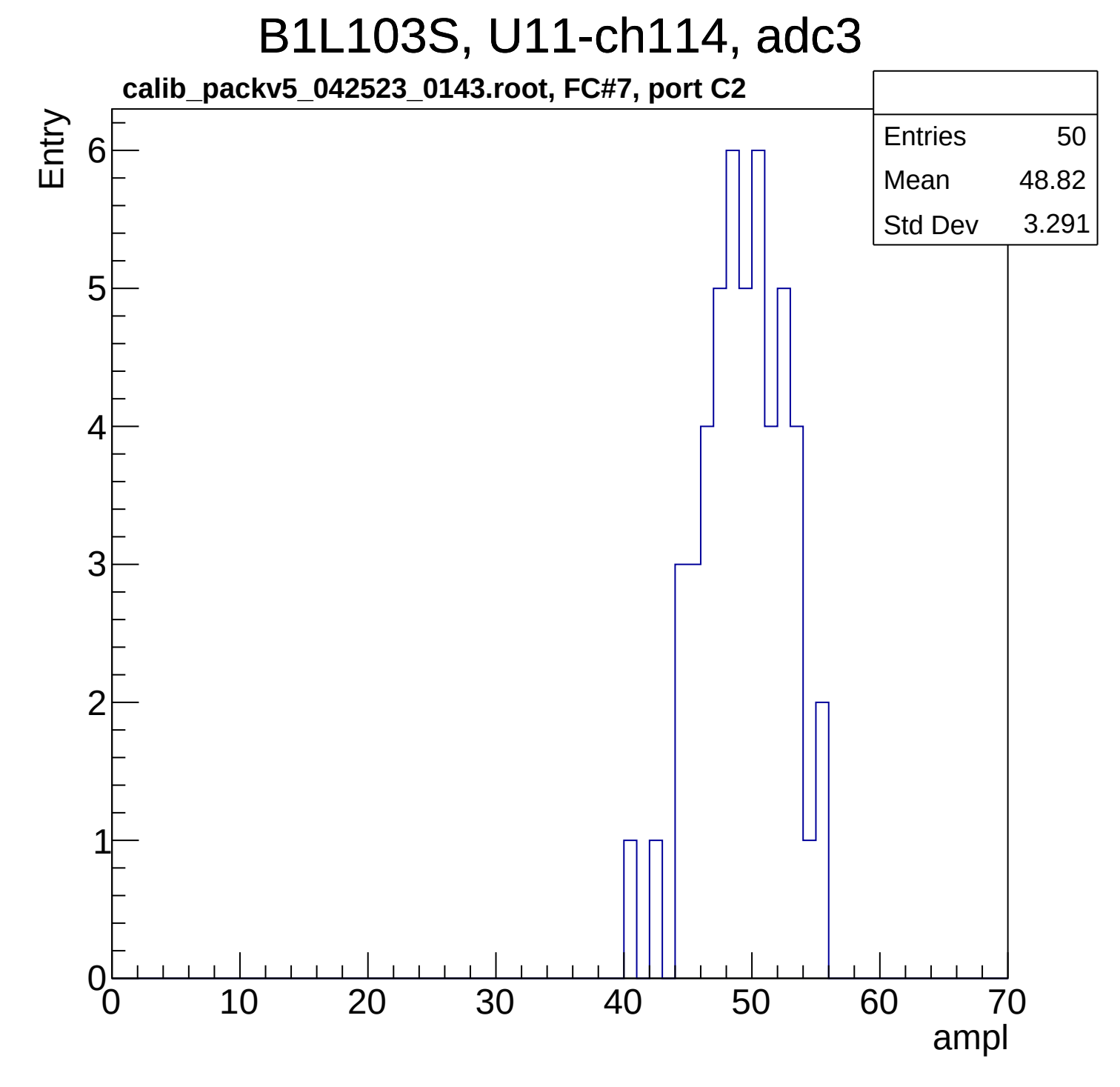
B1L103S, U11-ch114, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 50
Mean 48.82
Std Dev 3.291
Entry
ampl
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2
3
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0
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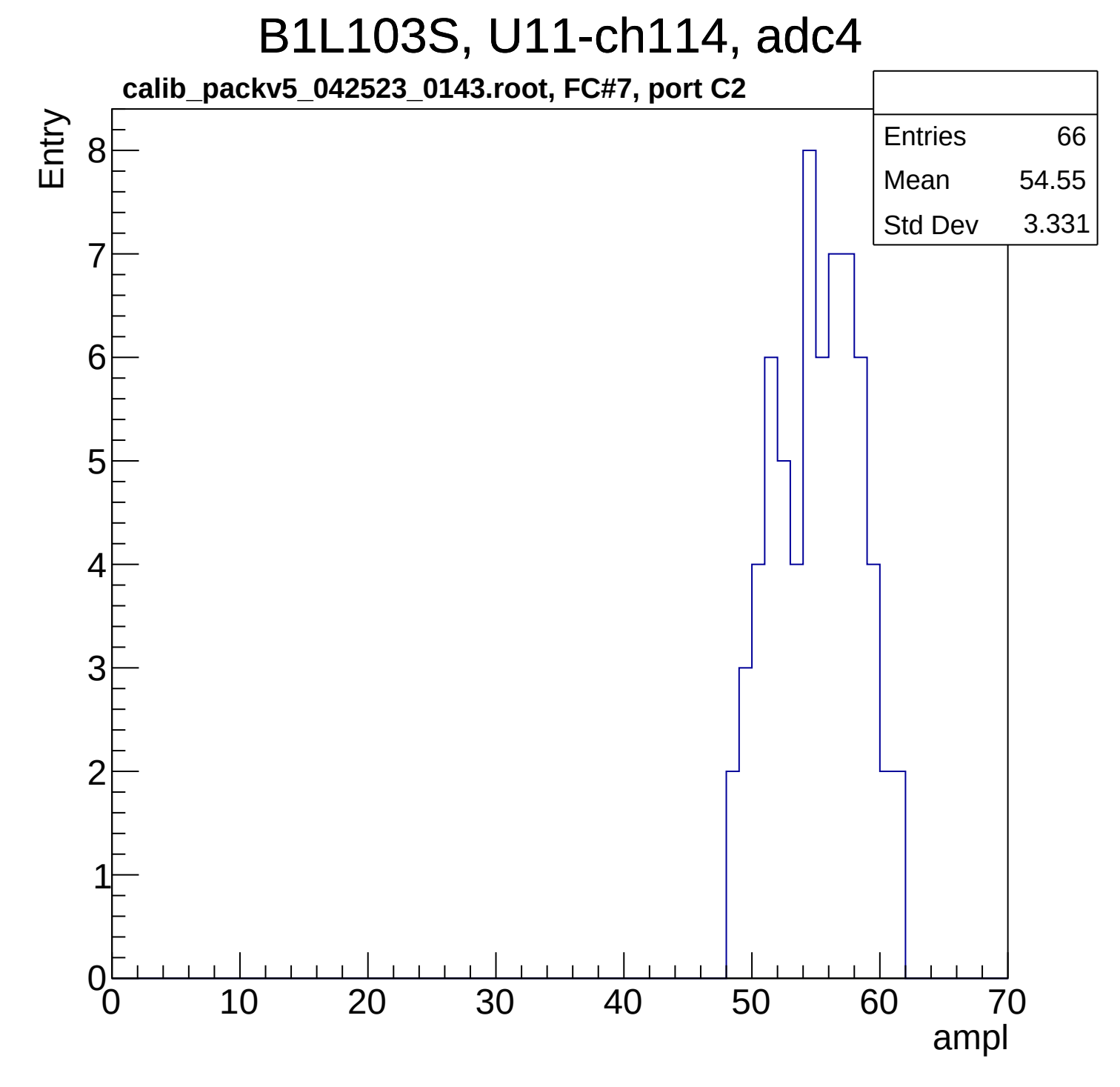
60
70


B1L103S, U11-ch114, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 54.55
Std Dev 3.331
Entry
ampl
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3
4
5
6
7
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0
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20
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60
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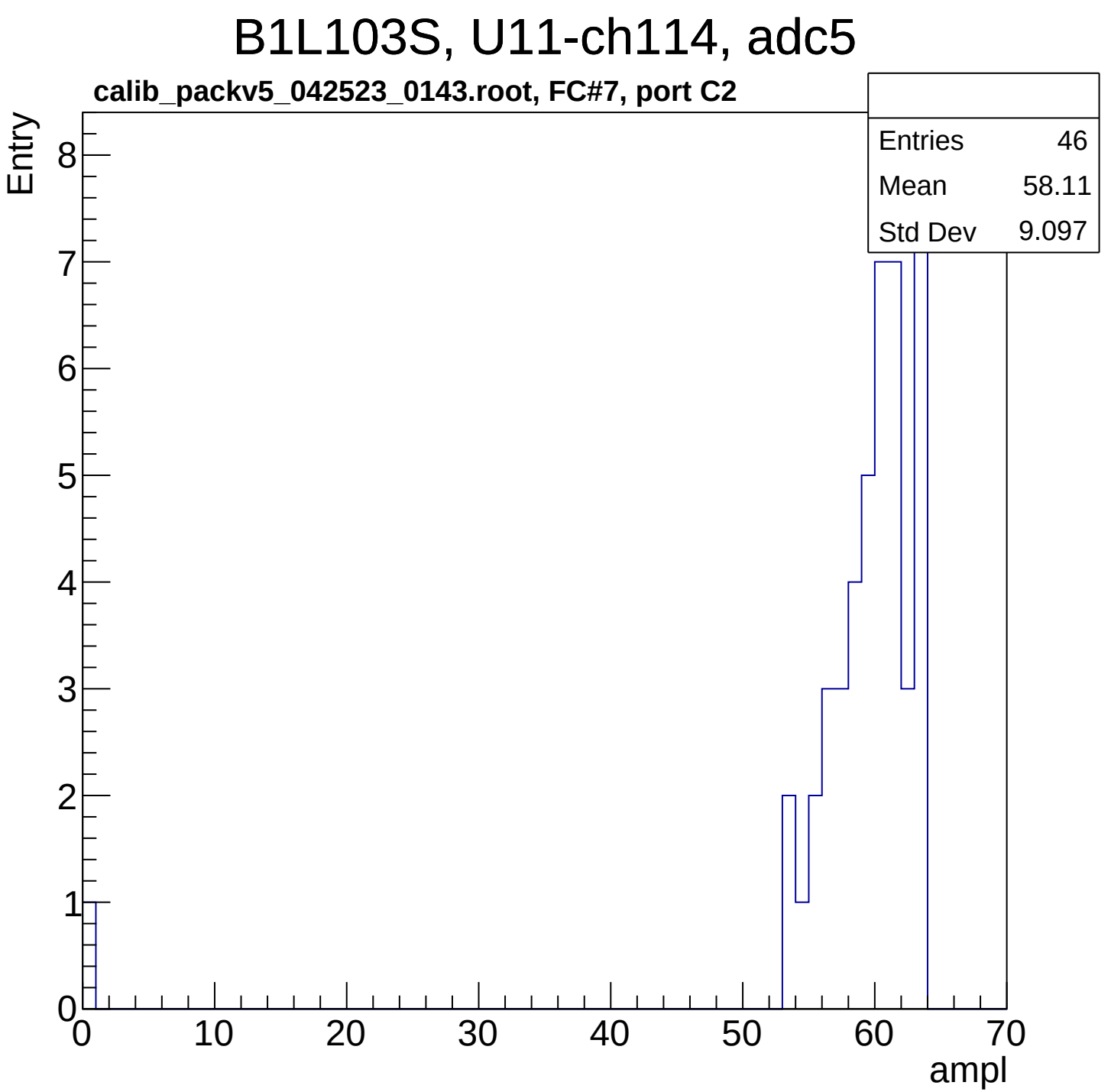
B1L103S, U11-ch114, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 46
Mean 58.11
Std Dev 9.097
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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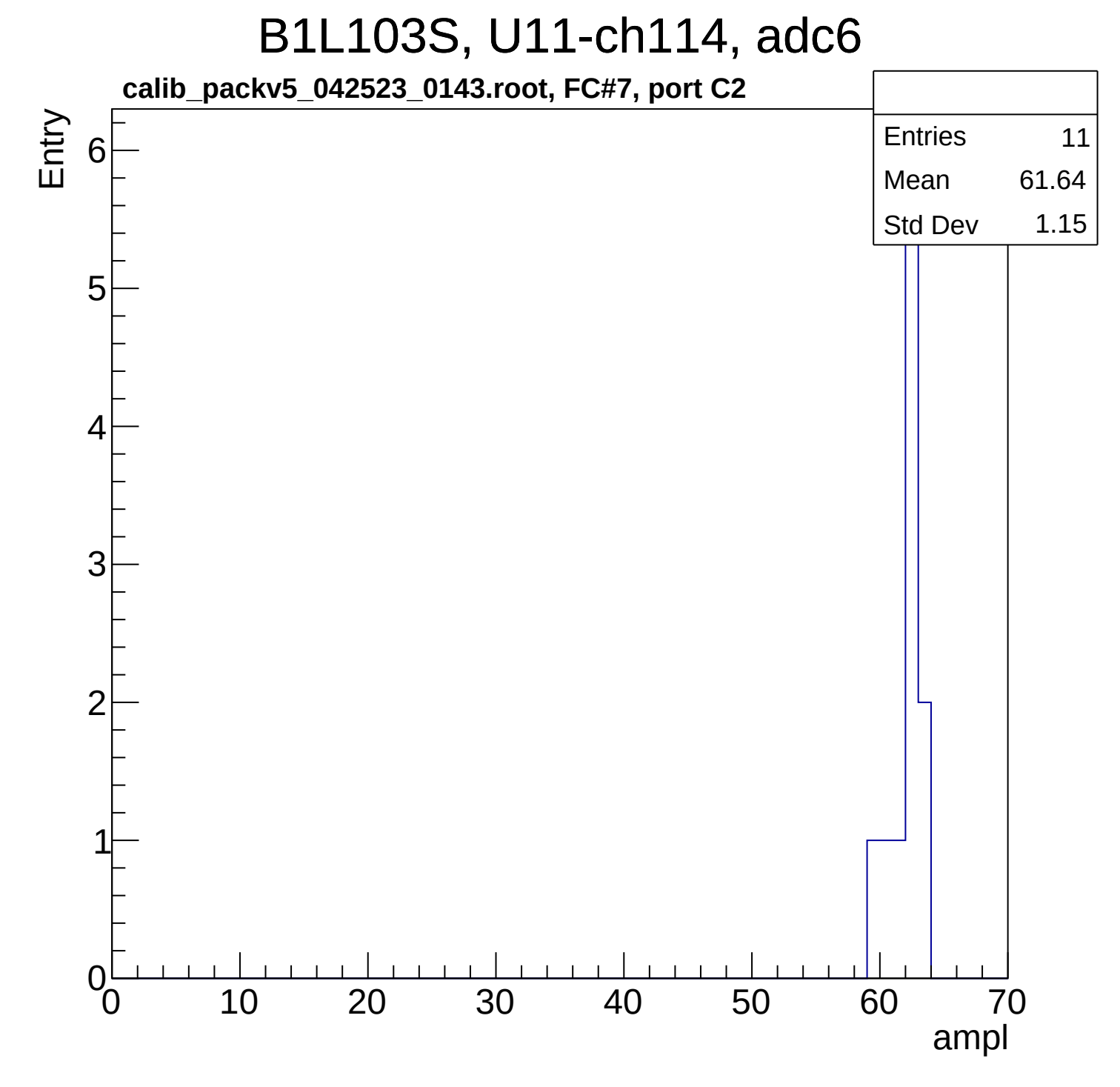
B1L103S, U11-ch114, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 11
Mean 61.64
Std Dev 1.15
Entry
0
1
2
3
4
5
6
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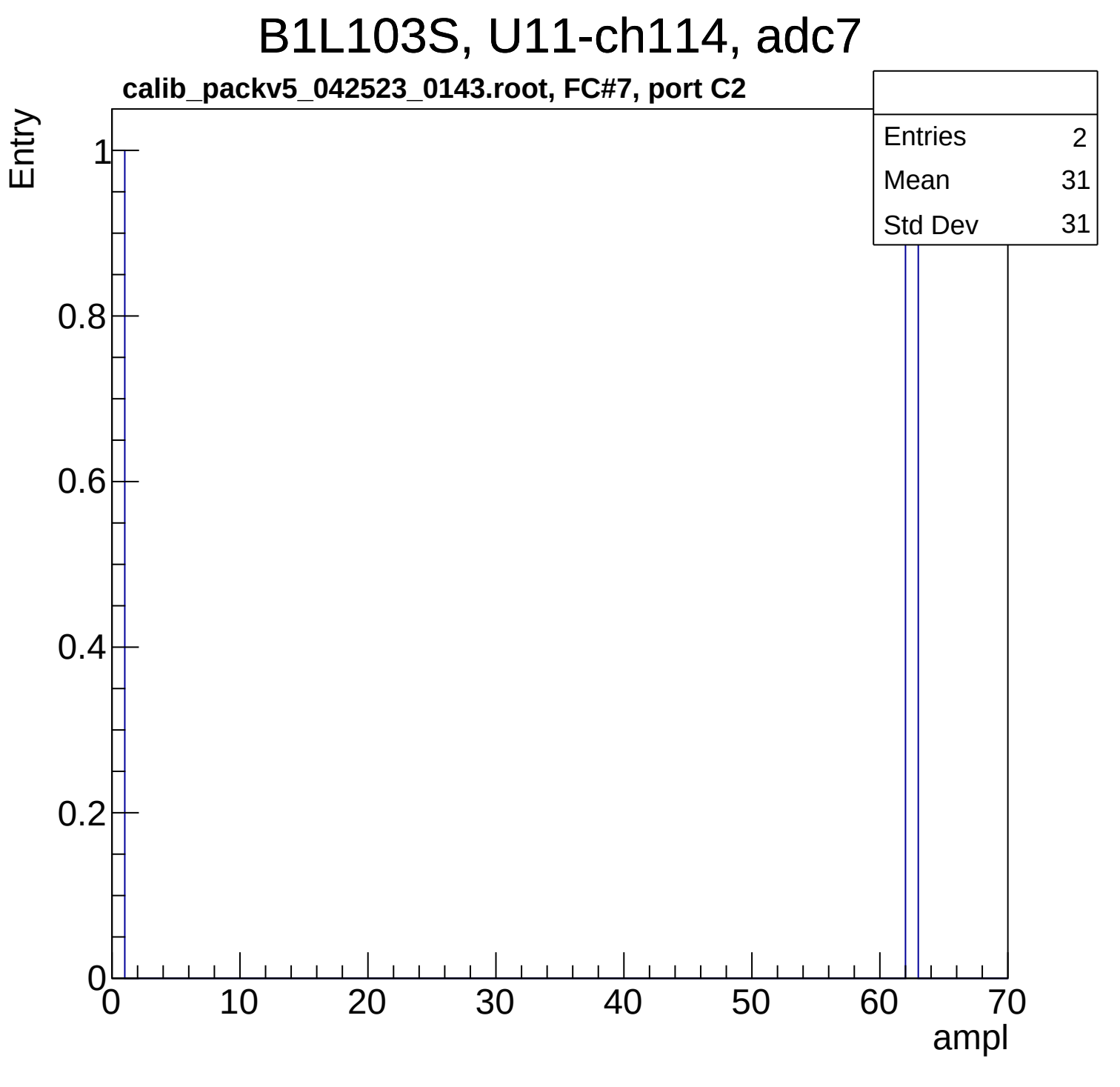
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch114, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 31
Std Dev 31
Entry
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0.6
0.4
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10
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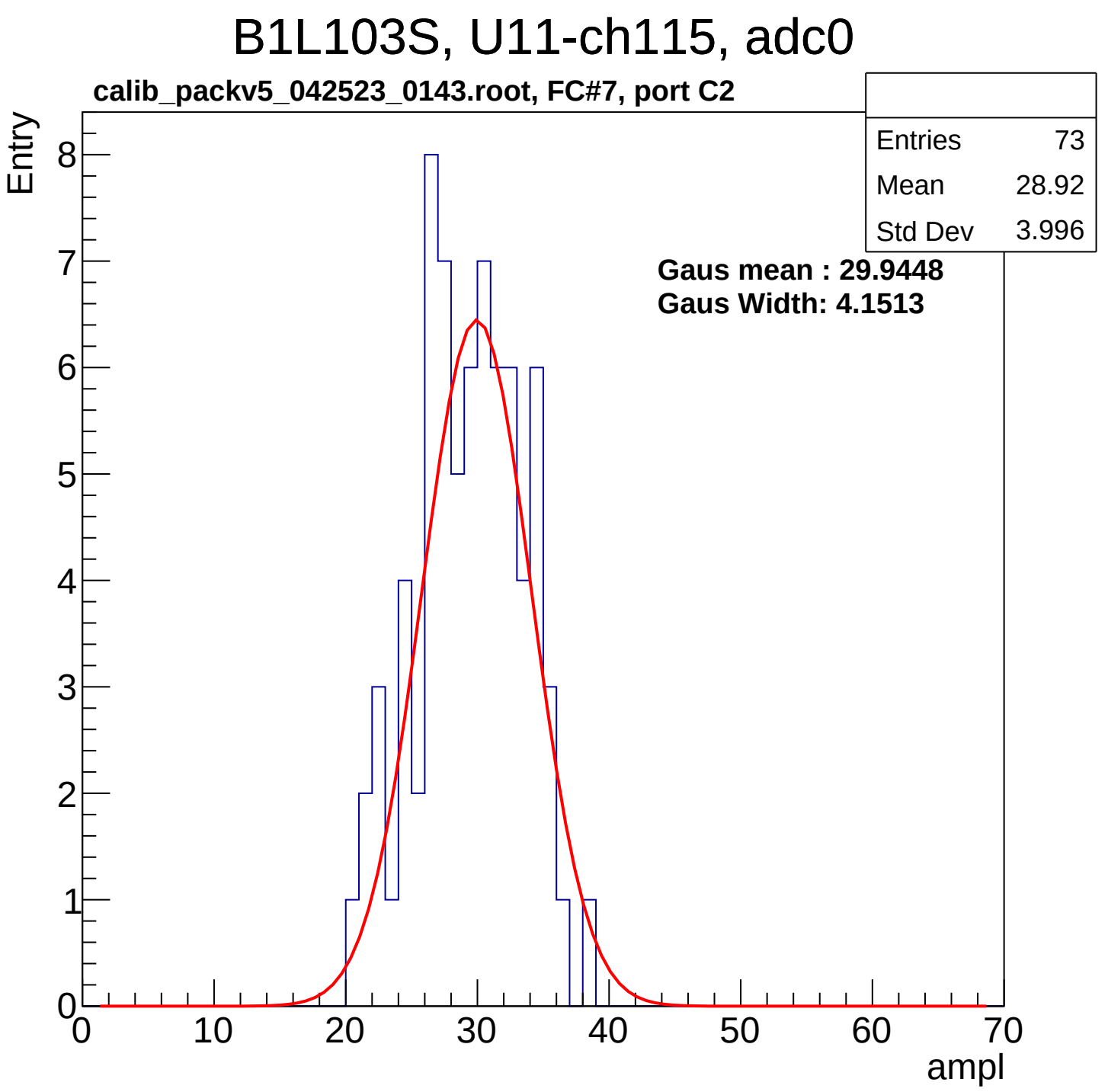
50
60
70
ampl


B1L103S, U11-ch115, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 28.92
Std Dev 3.996
Gaus mean : 29.9448
Gaus Width: 4.1513
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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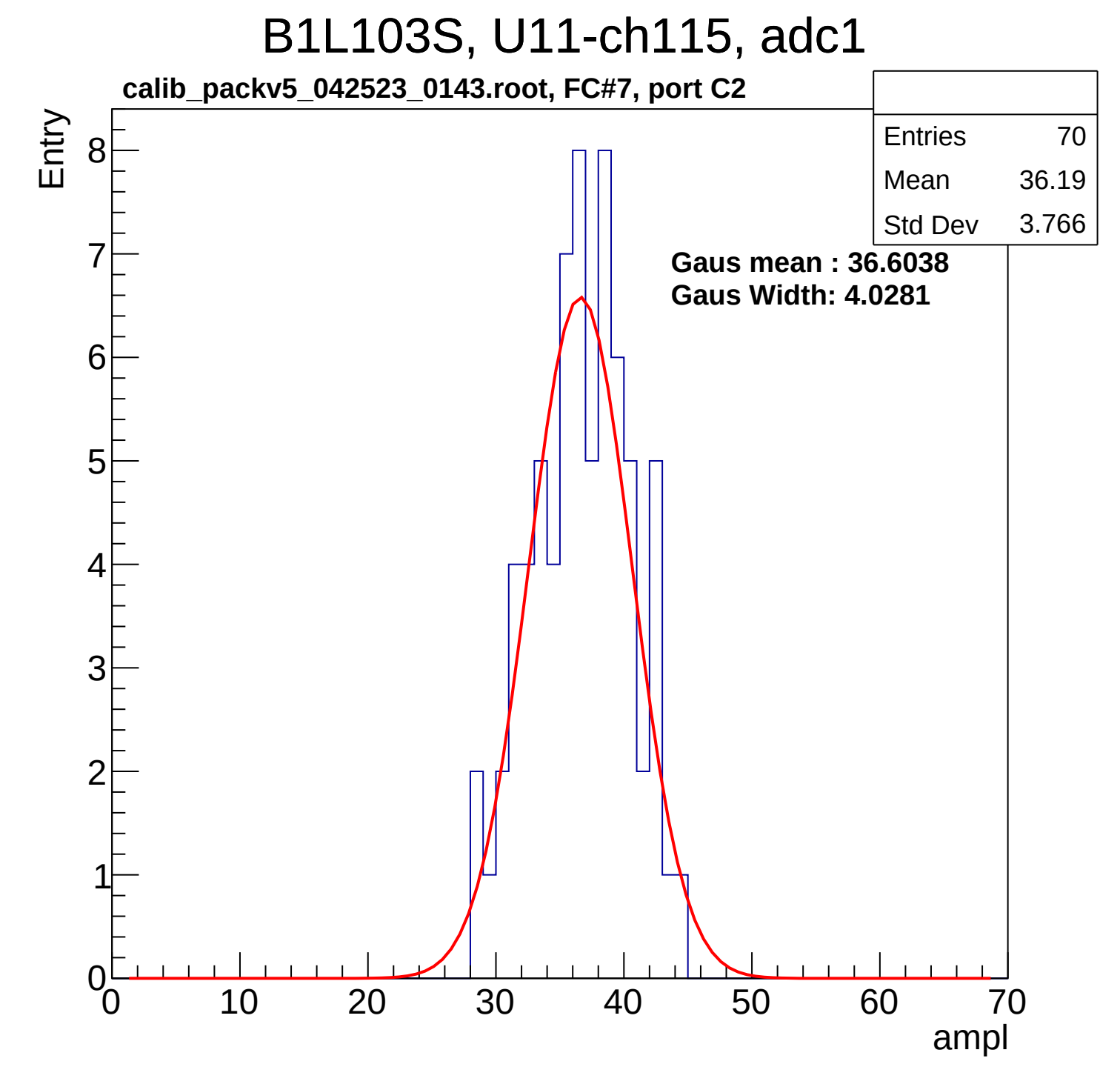
B1L103S, U11-ch115, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 36.19
Std Dev 3.766
Gaus mean : 36.6038
Gaus Width: 4.0281
Entry
ampl
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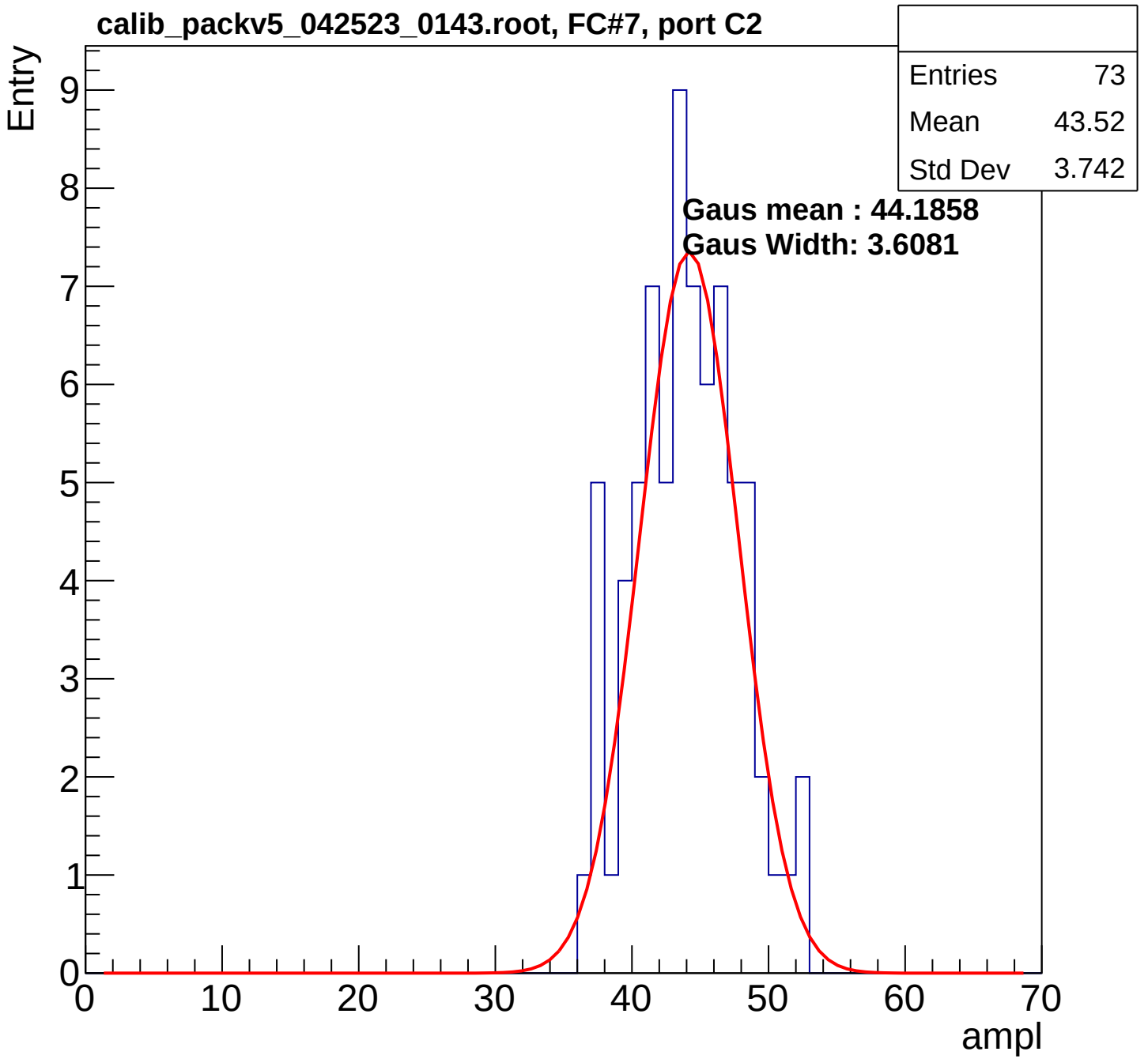
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch115, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 43.52
Std Dev 3.742
Gaus mean : 44.1858
Gaus Width: 3.6081
Entry
ampl
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2
3
4
5
6
7
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0
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40
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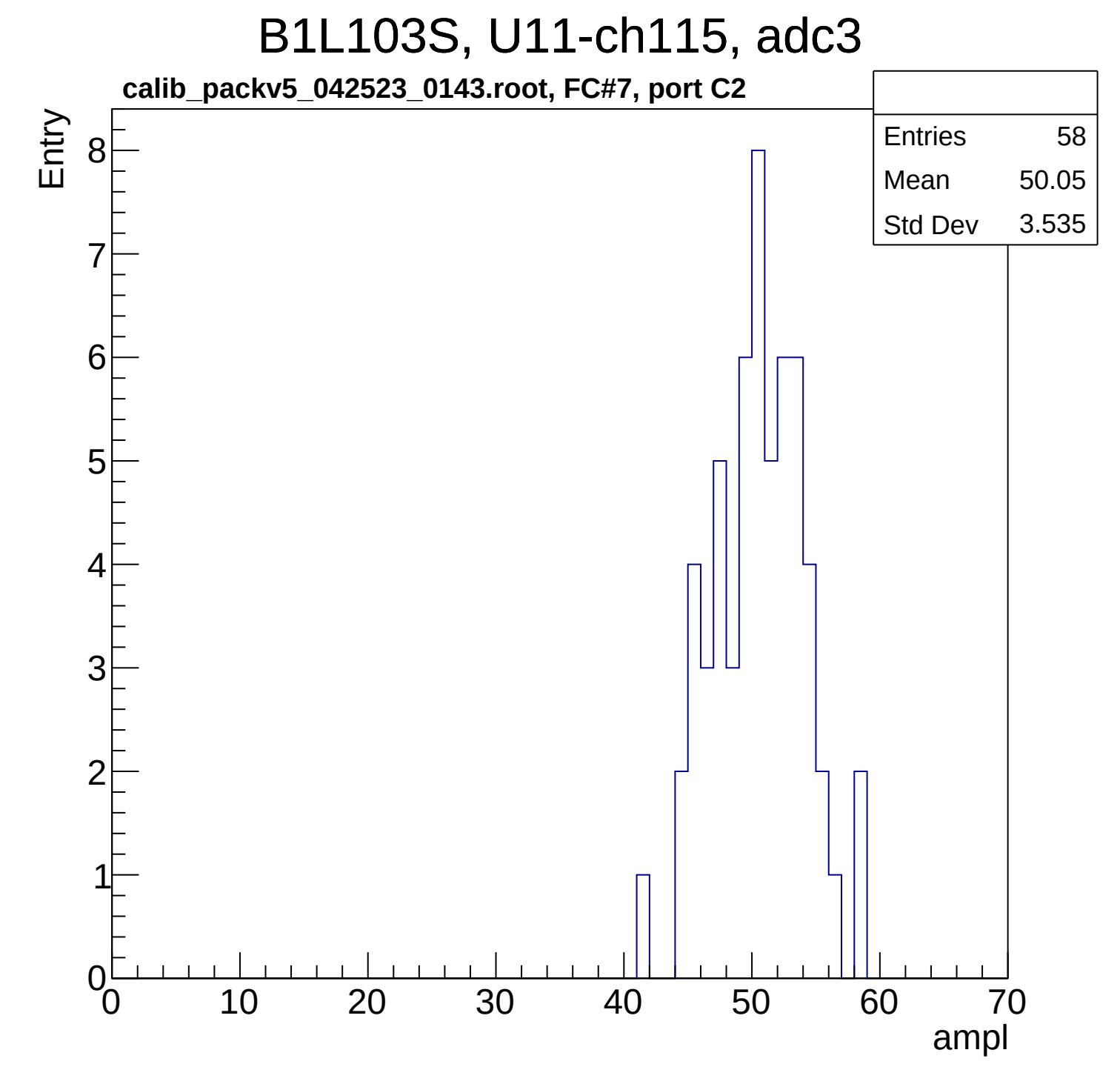
B1L103S, U11-ch115, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 50.05
Std Dev 3.535
Entry
ampl
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3
4
5
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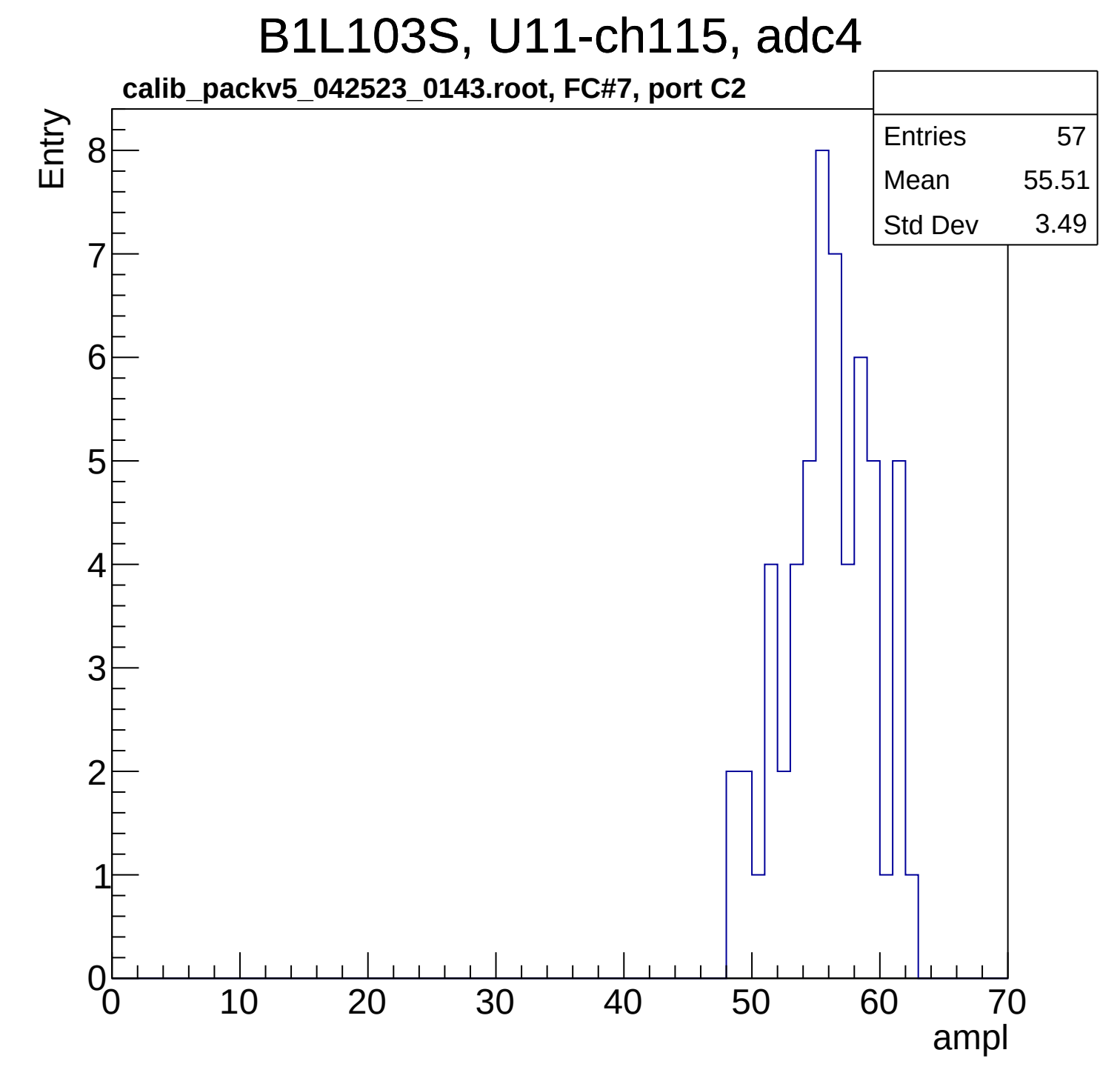
B1L103S, U11-ch115, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 55.51
Std Dev 3.49
Entry
ampl
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2
3
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7
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10
20
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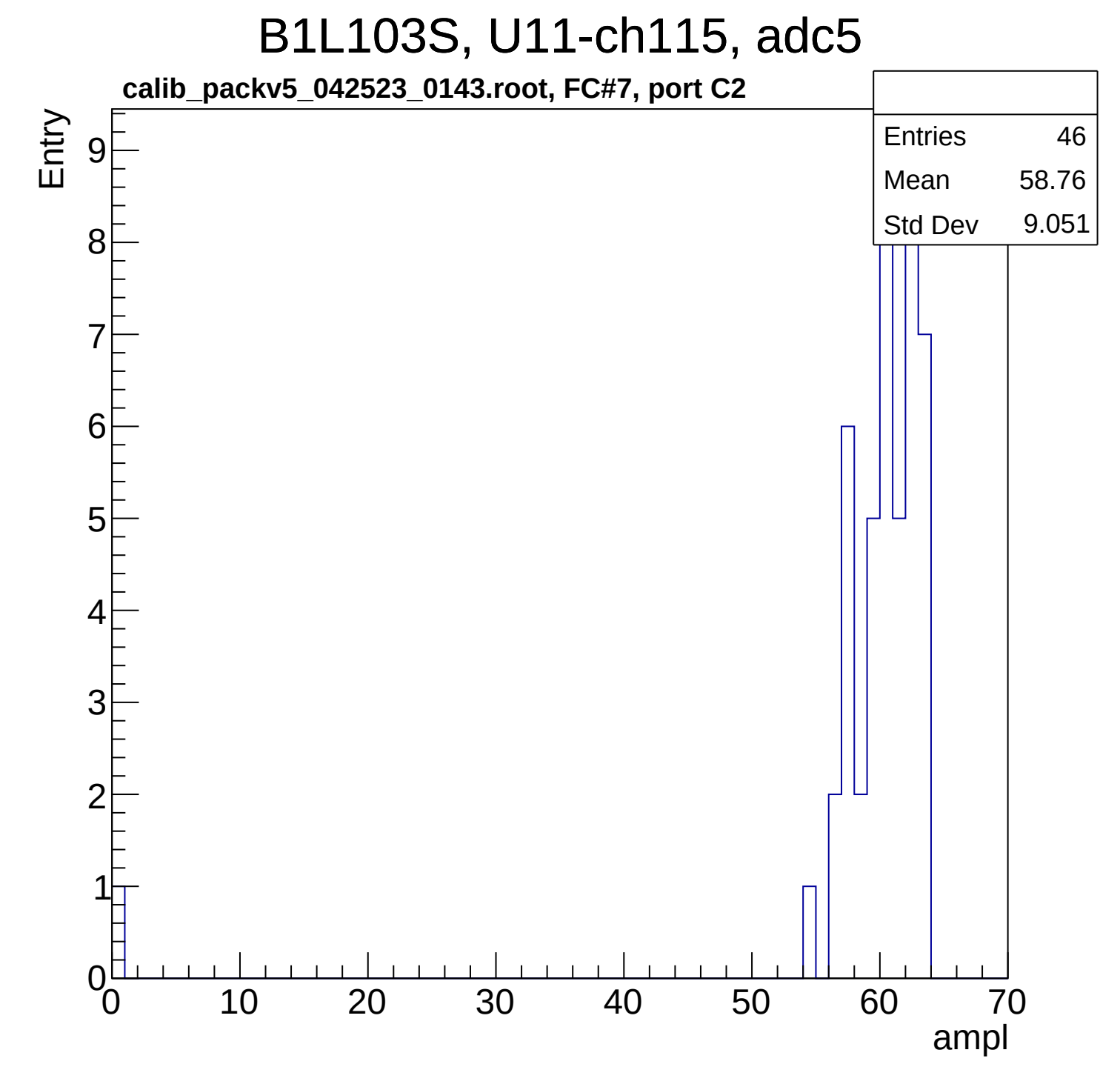
B1L103S, U11-ch115, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 46
Mean 58.76
Std Dev 9.051
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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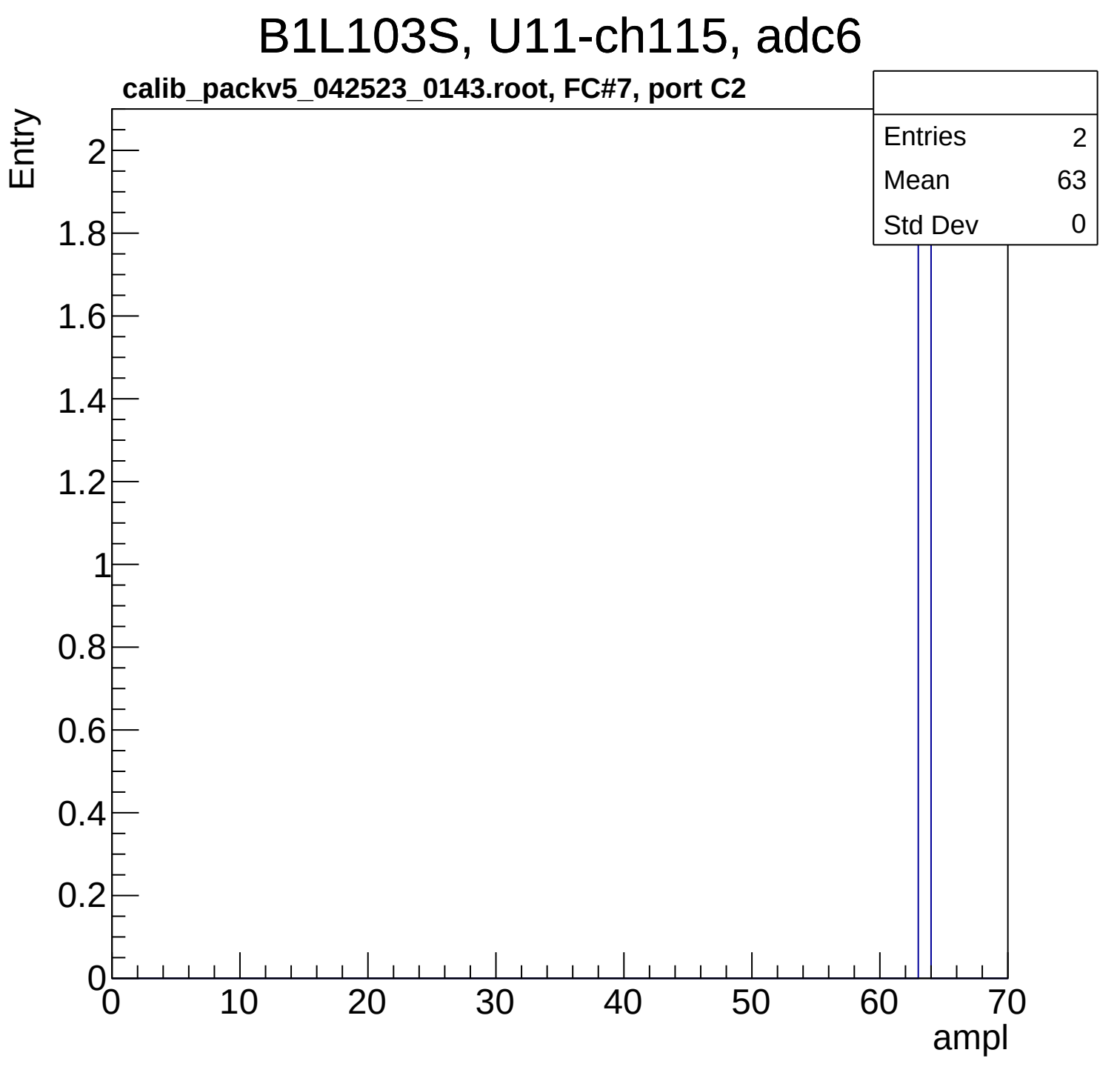
B1L103S, U11-ch115, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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40
50
60
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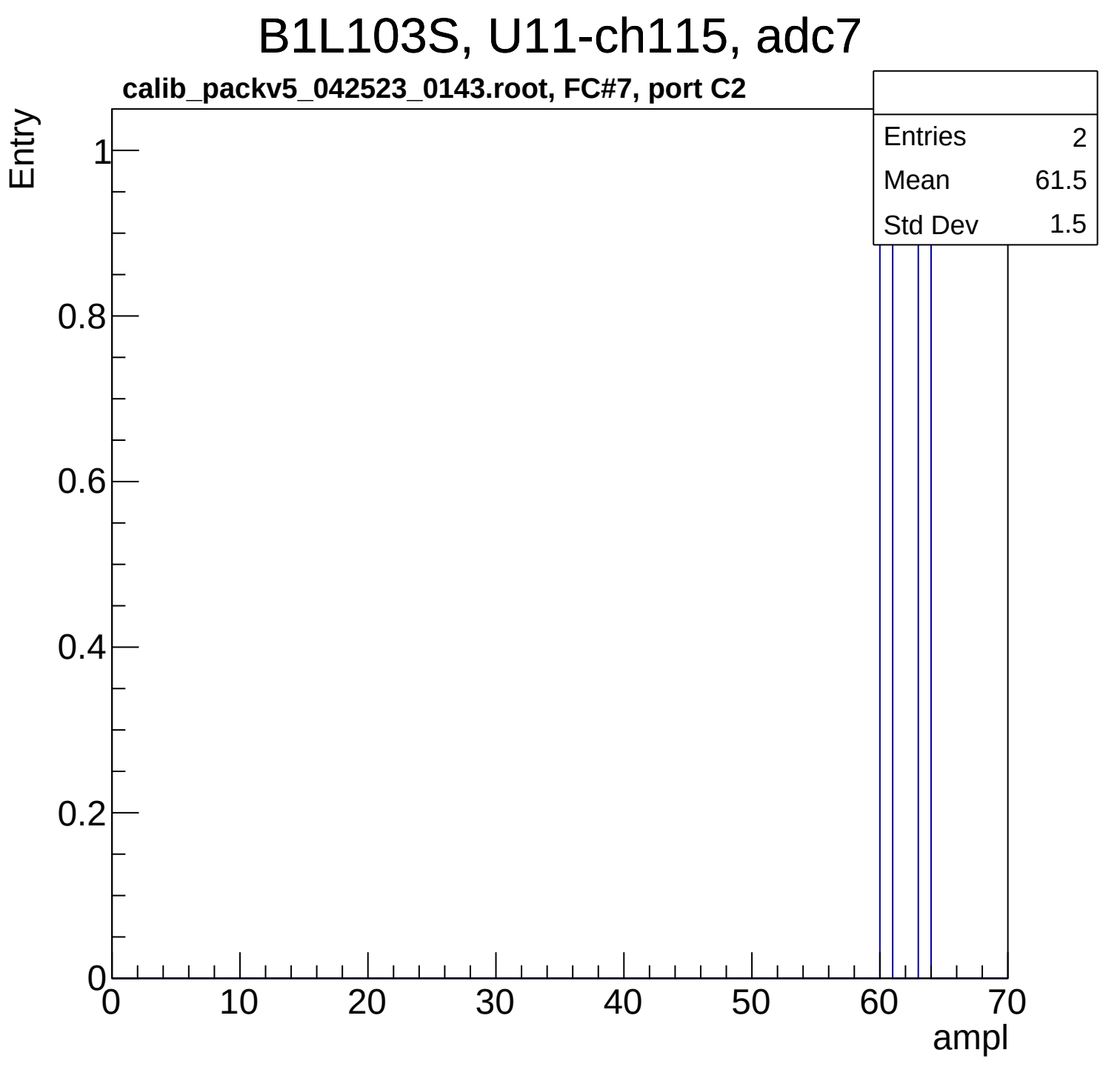
B1L103S, U11-ch115, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 61.5
Std Dev 1.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
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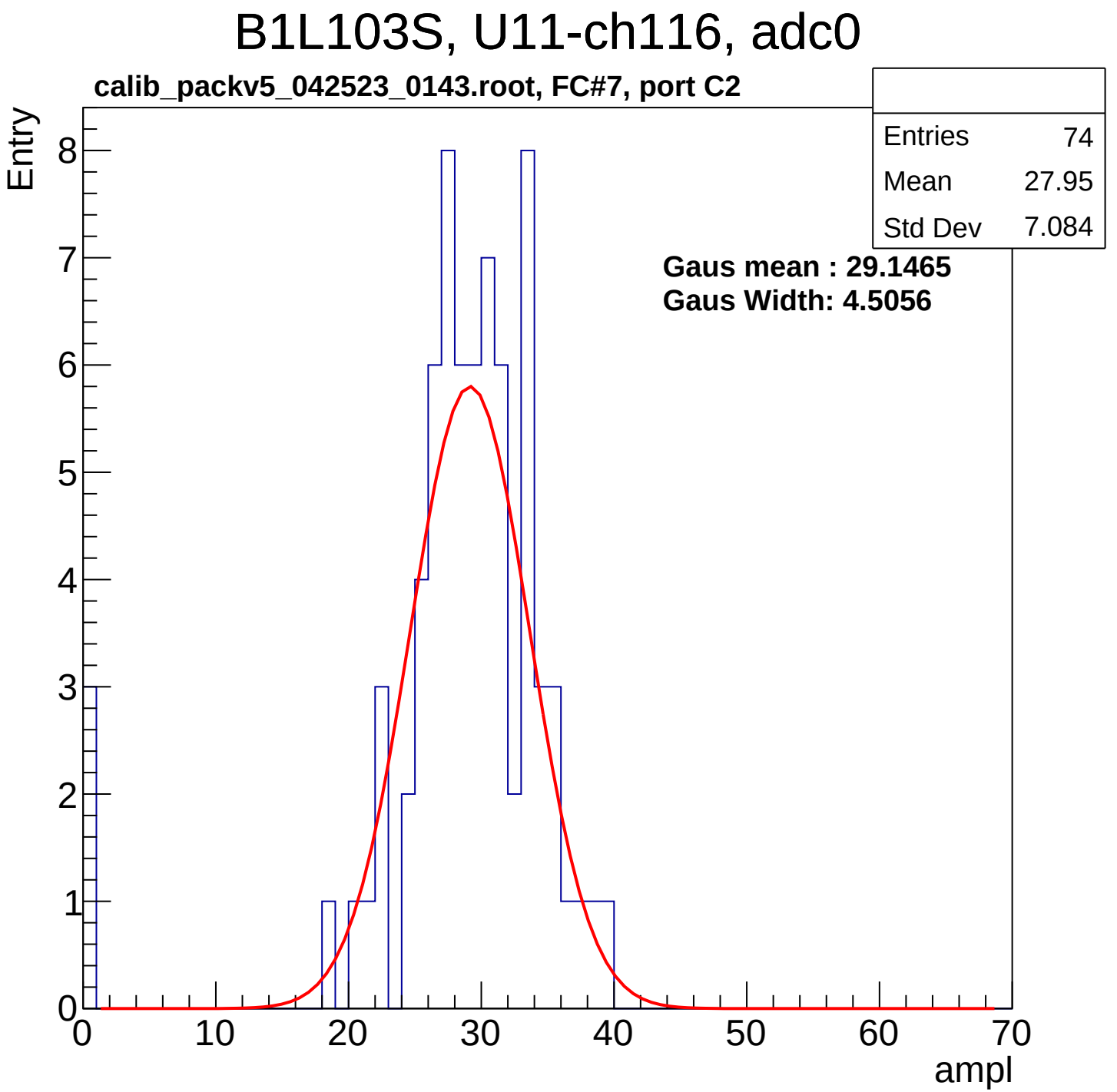
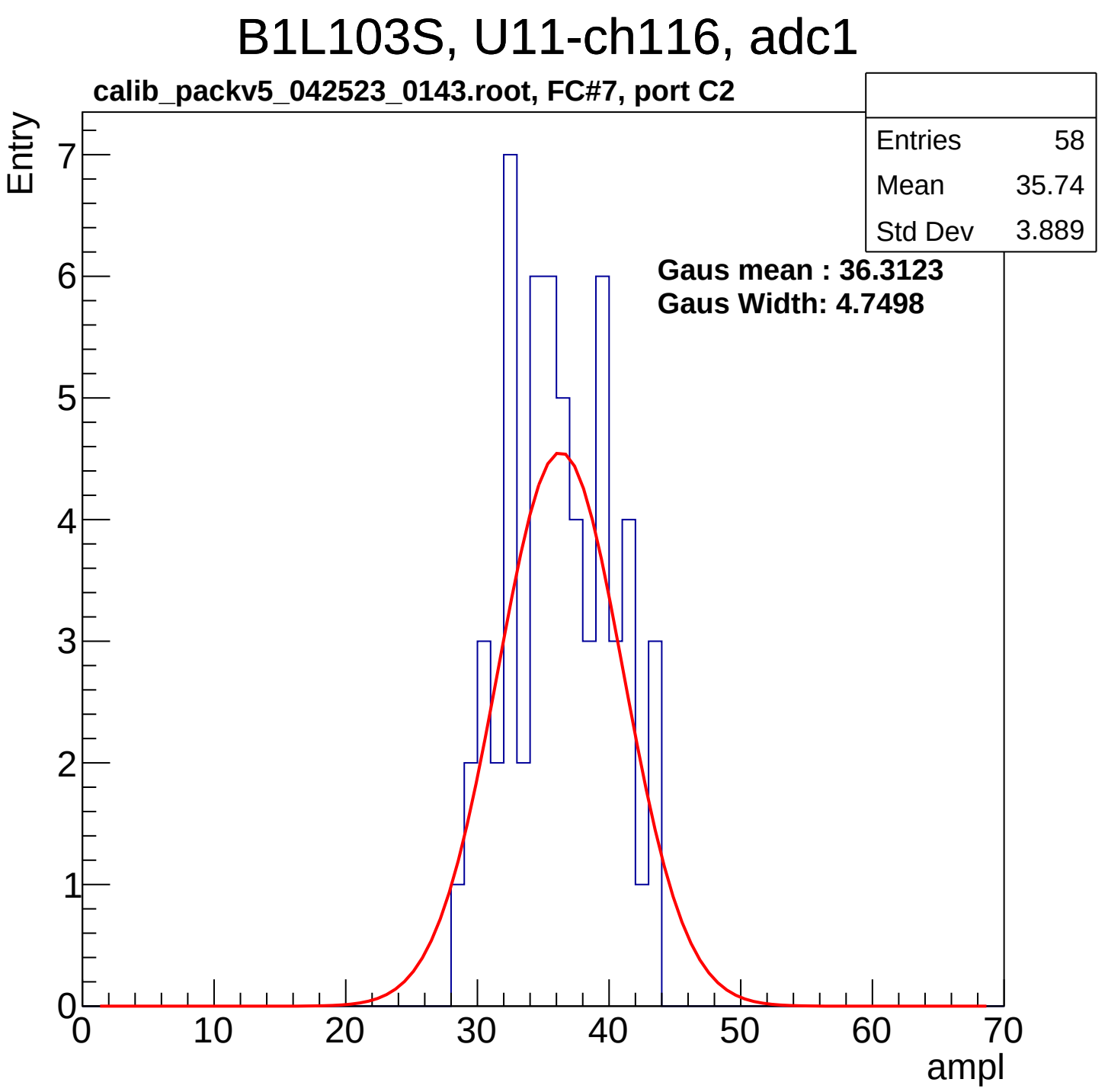

B1L103S, U11-ch116, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 27.95
Std Dev 7.084
Gaus mean : 29.1465
Gaus Width: 4.5056
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch116, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 35.74
Std Dev 3.889
Gaus mean : 36.3123
Gaus Width: 4.7498
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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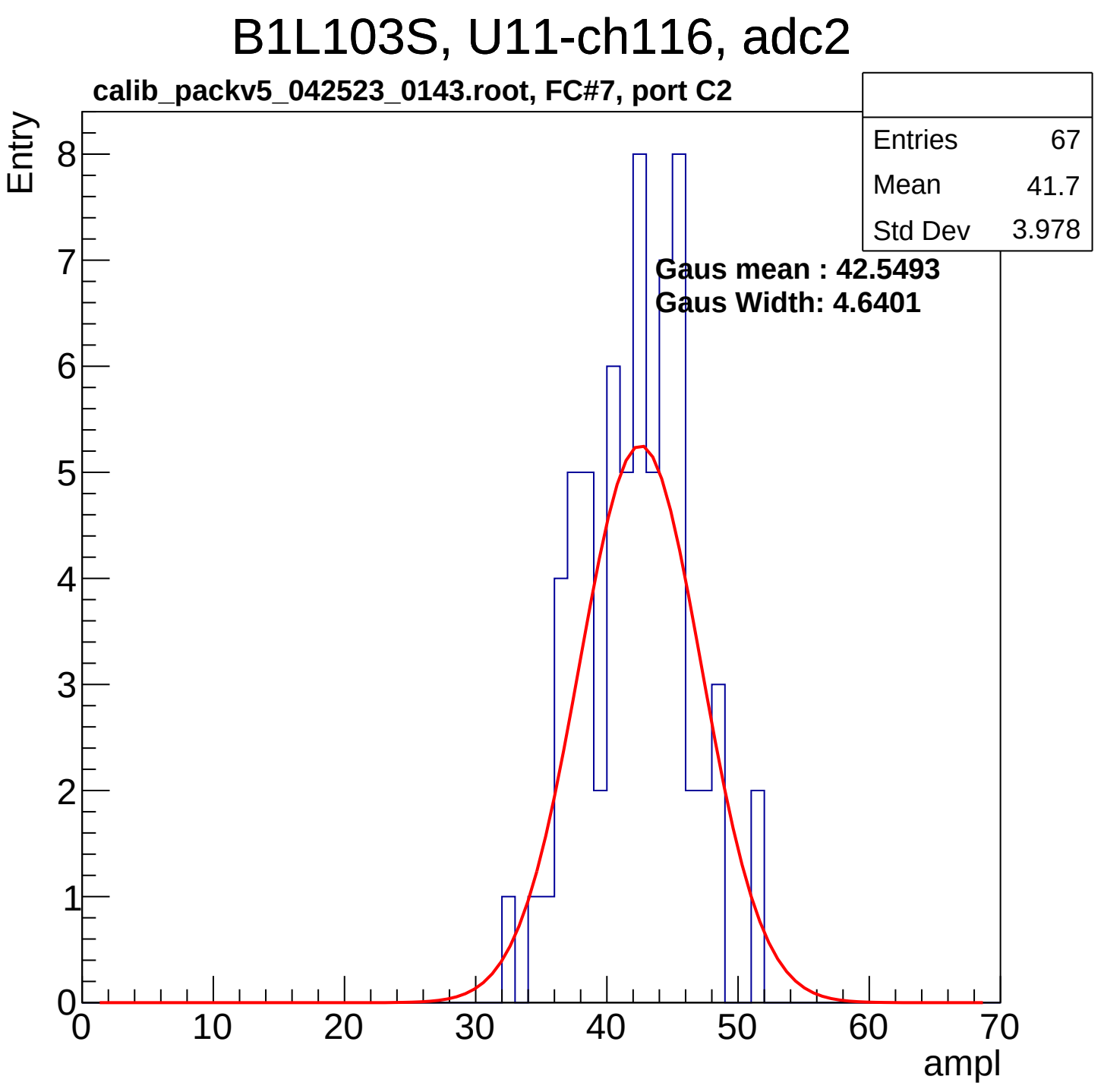
B1L103S, U11-ch116, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 41.7
Std Dev 3.978
Gaus mean : 42.5493
Gaus Width: 4.6401
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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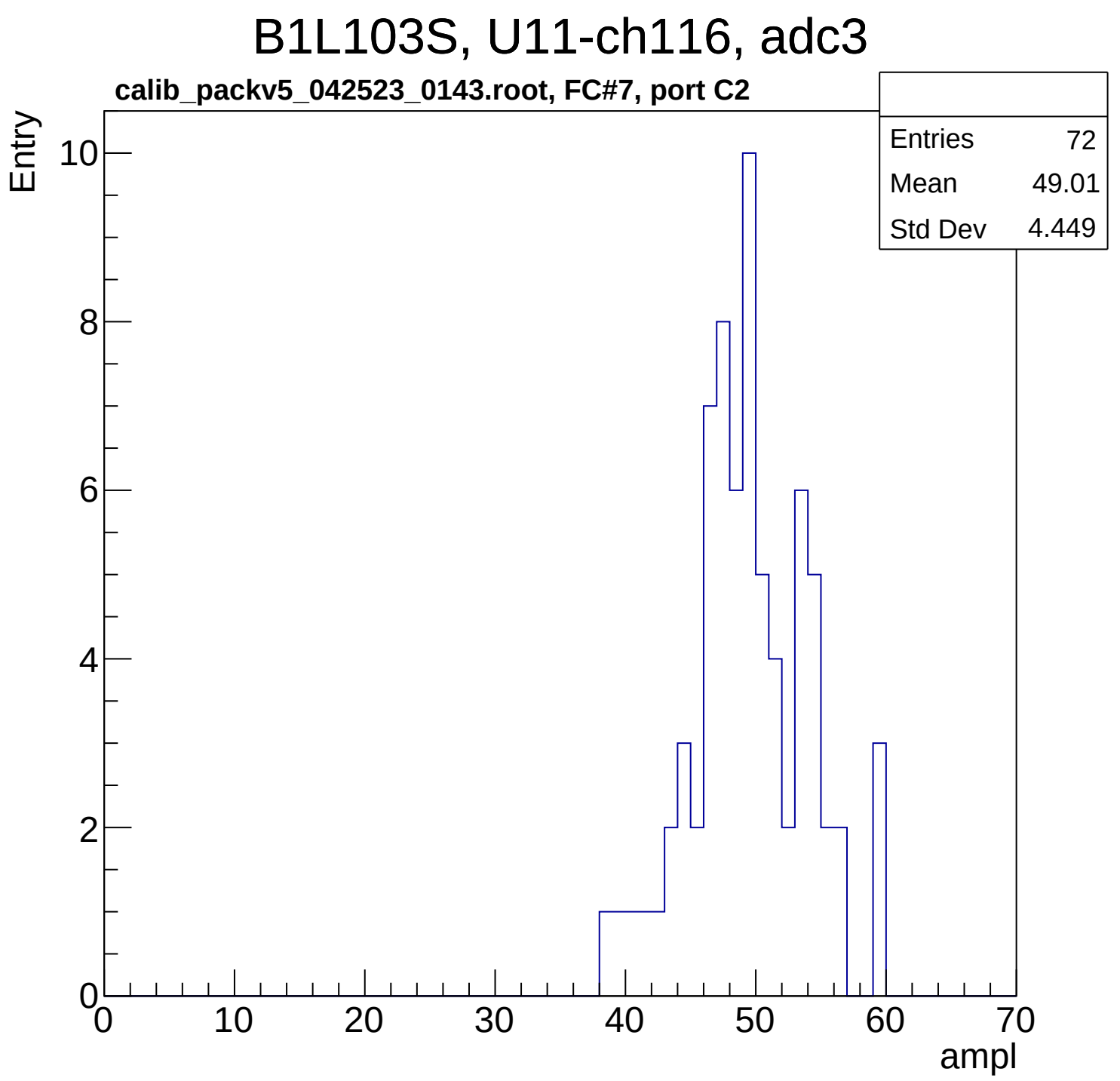
B1L103S, U11-ch116, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 49.01
Std Dev 4.449
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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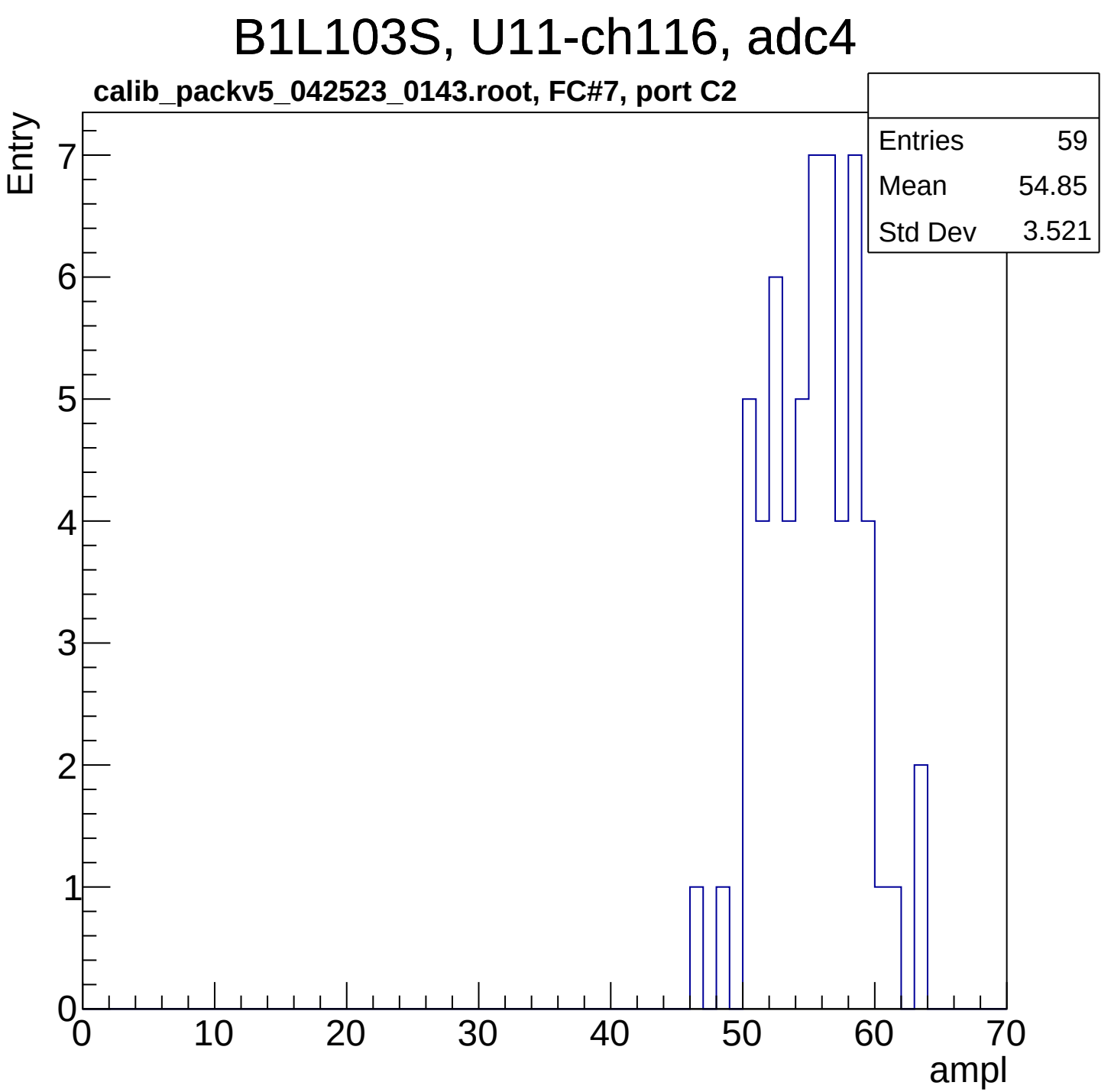
B1L103S, U11-ch116, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 54.85
Std Dev 3.521
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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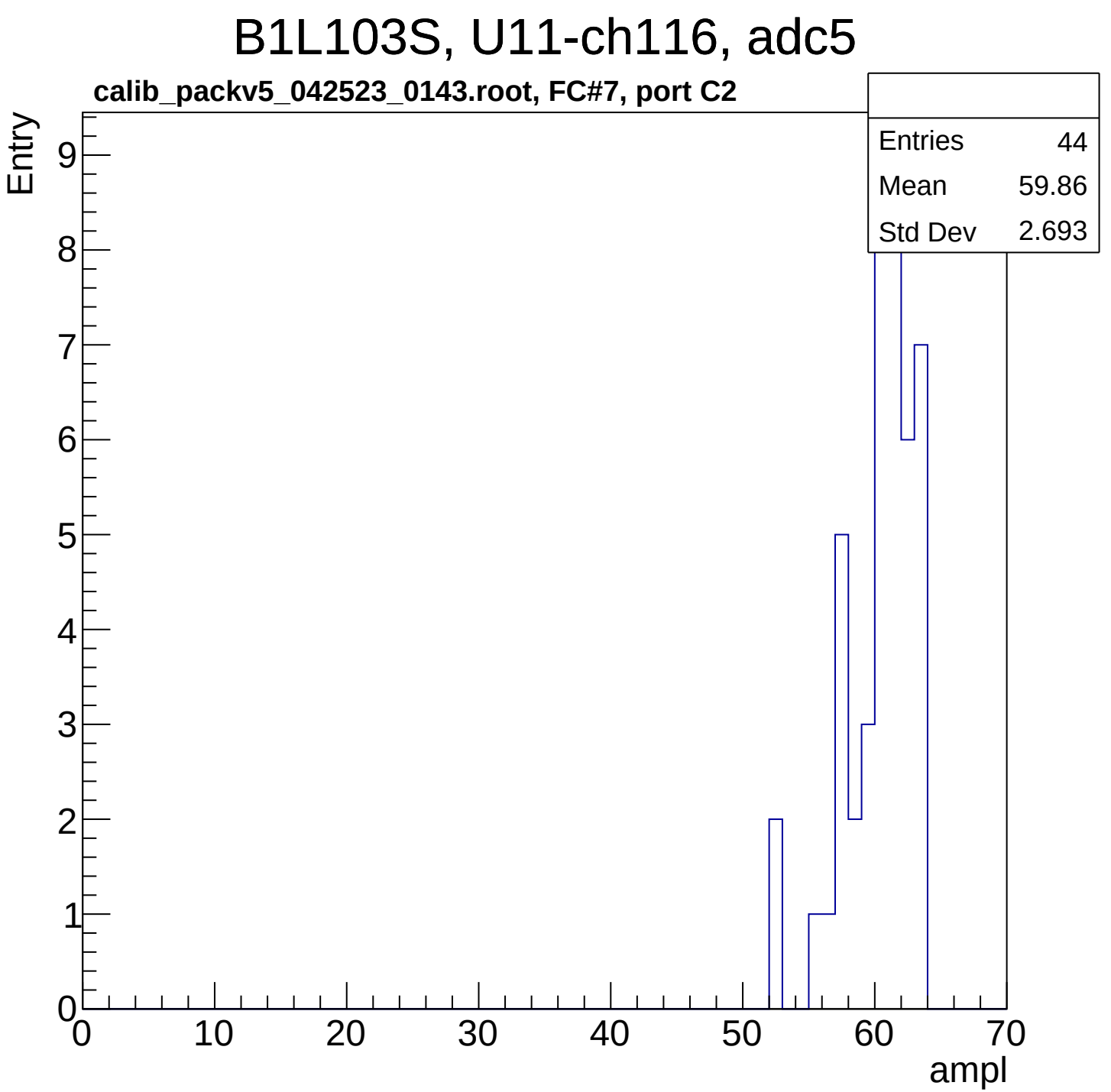
B1L103S, U11-ch116, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 44
Mean 59.86
Std Dev 2.693
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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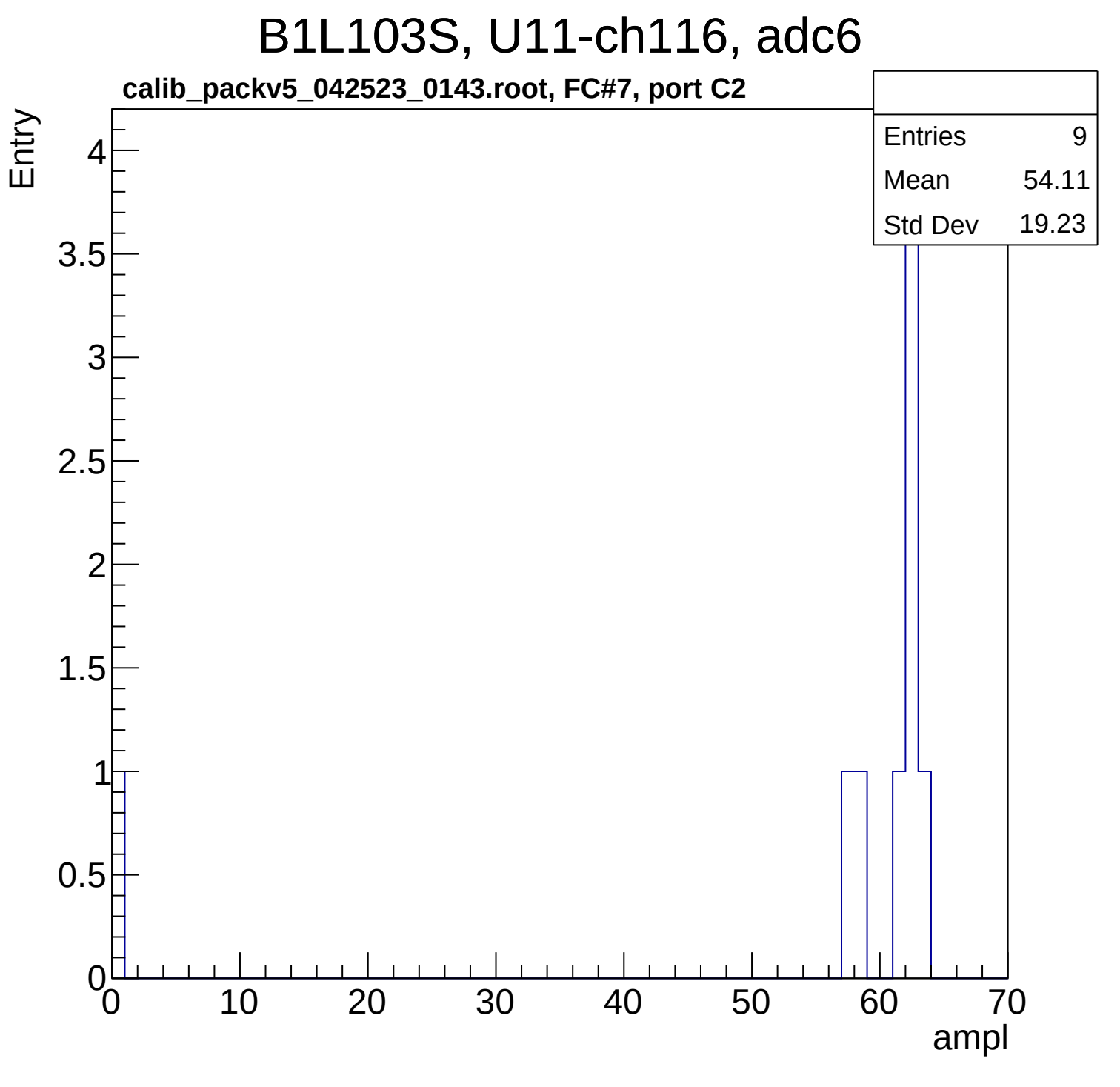
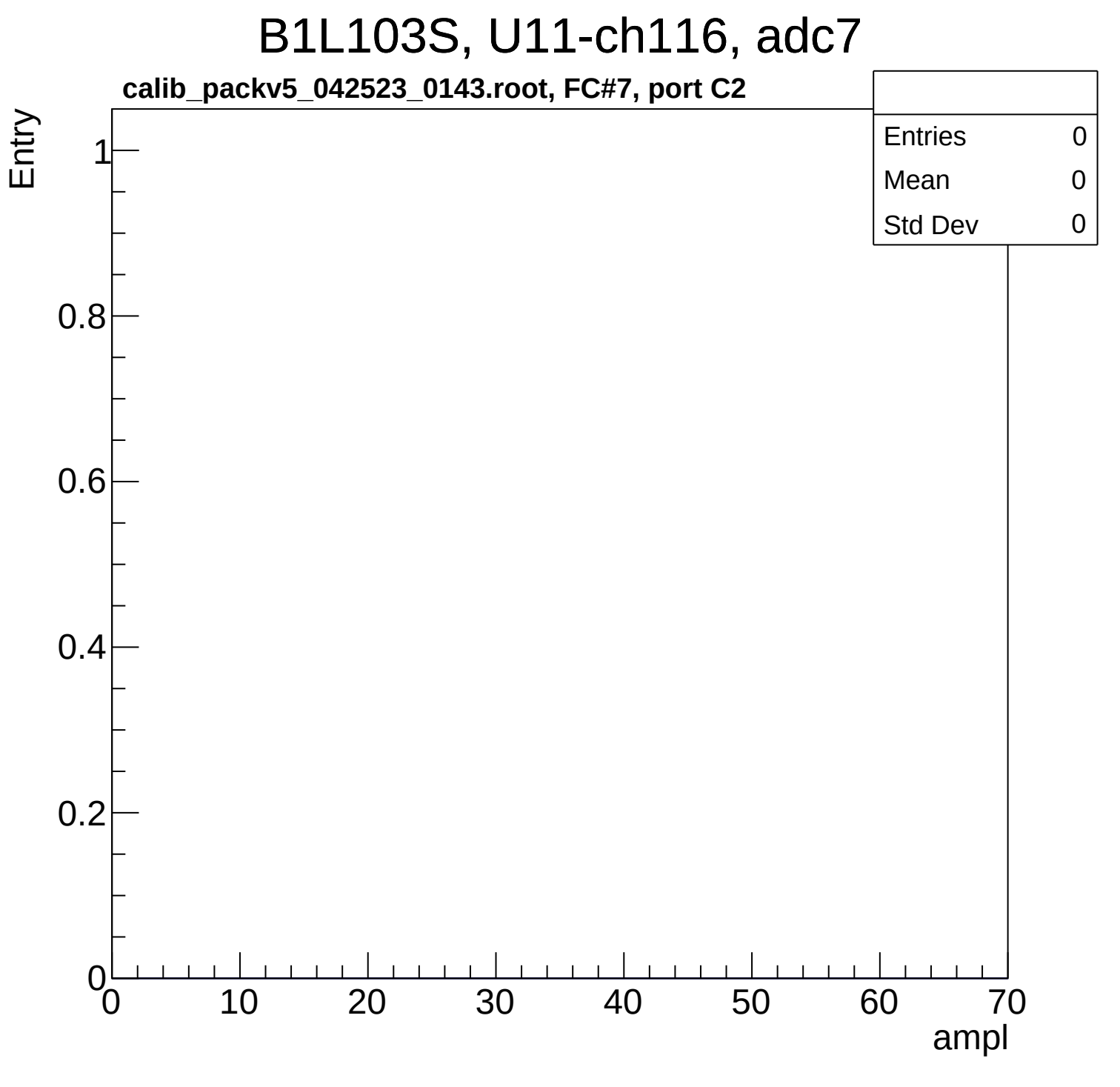
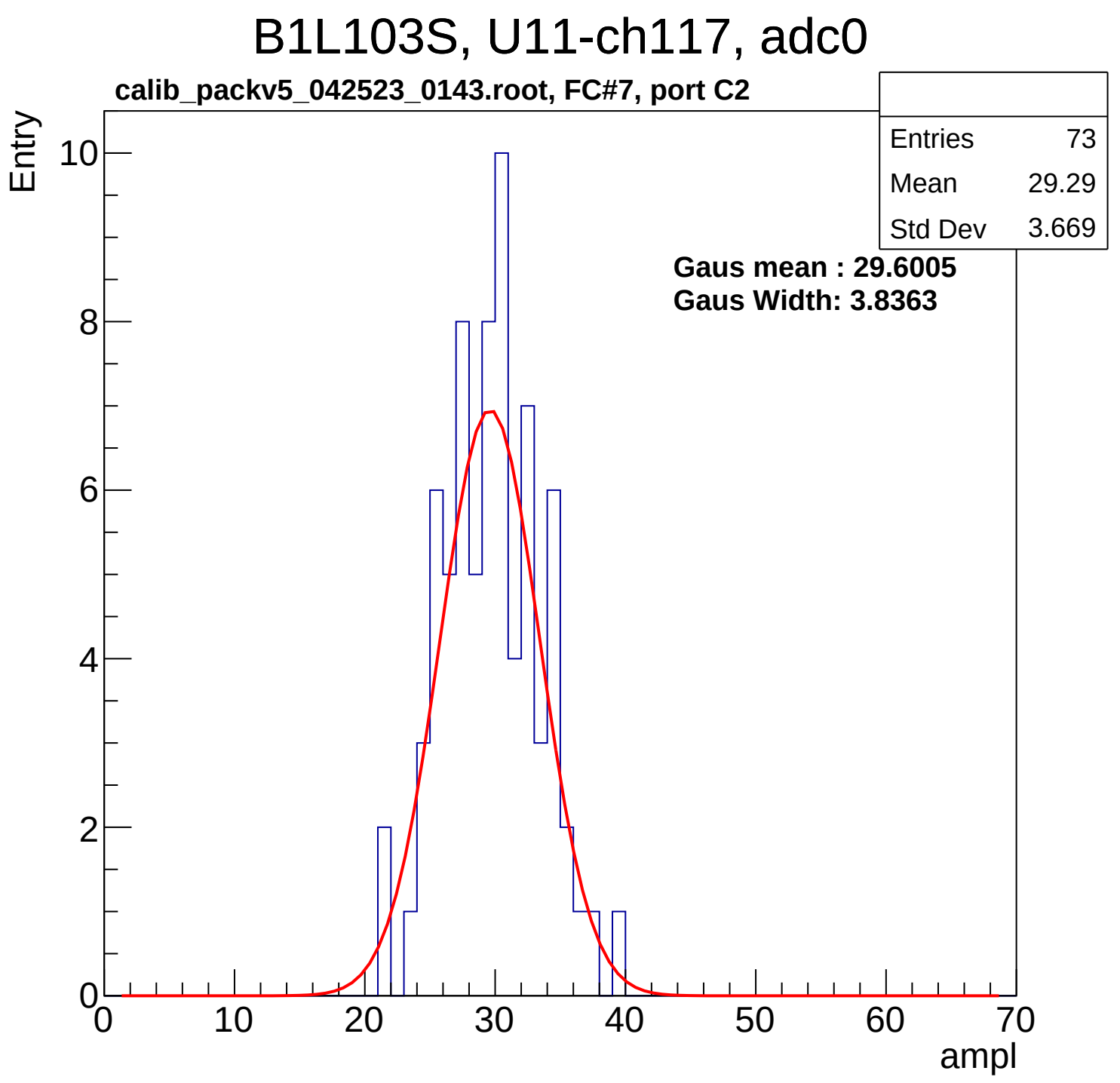
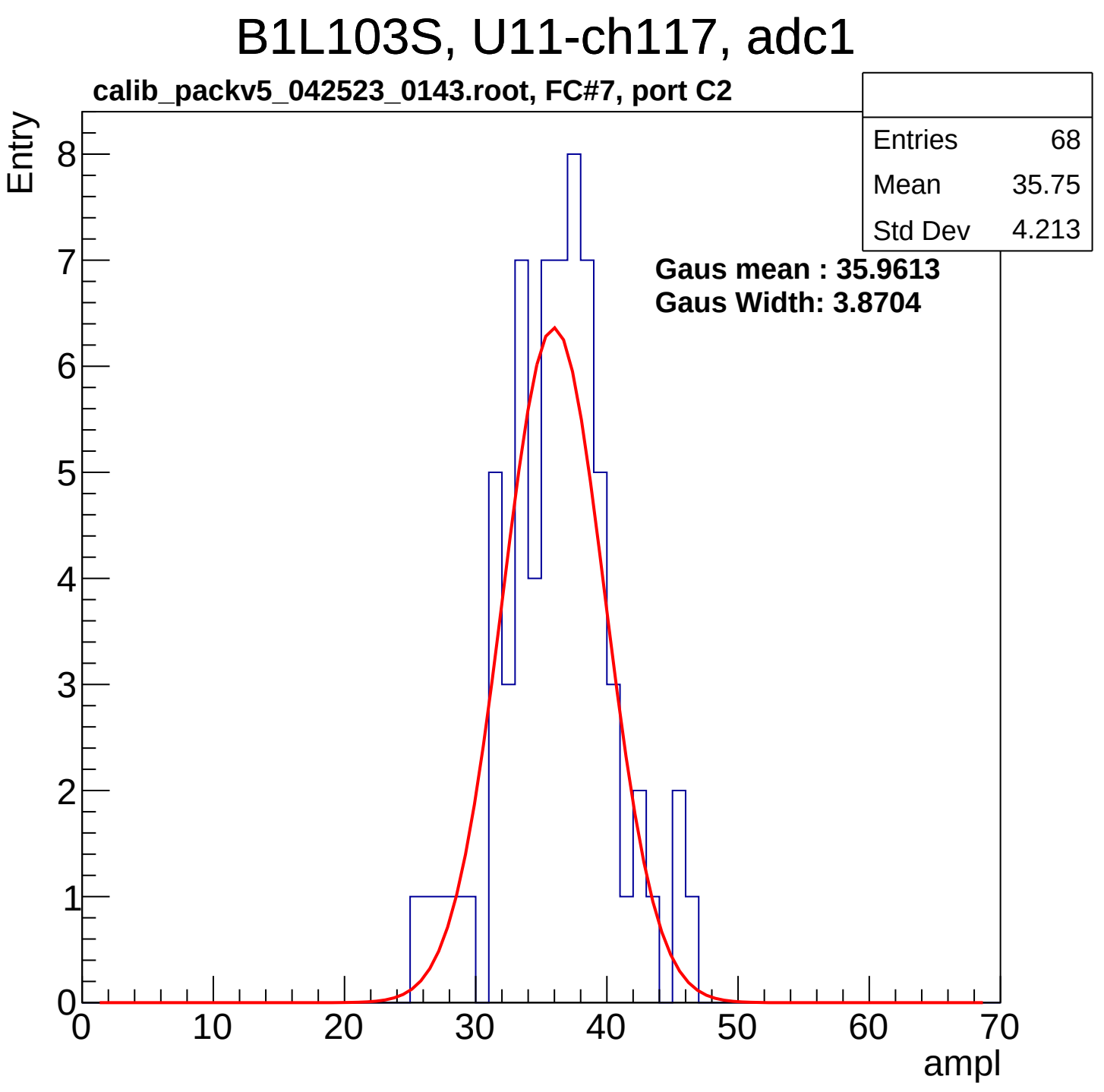
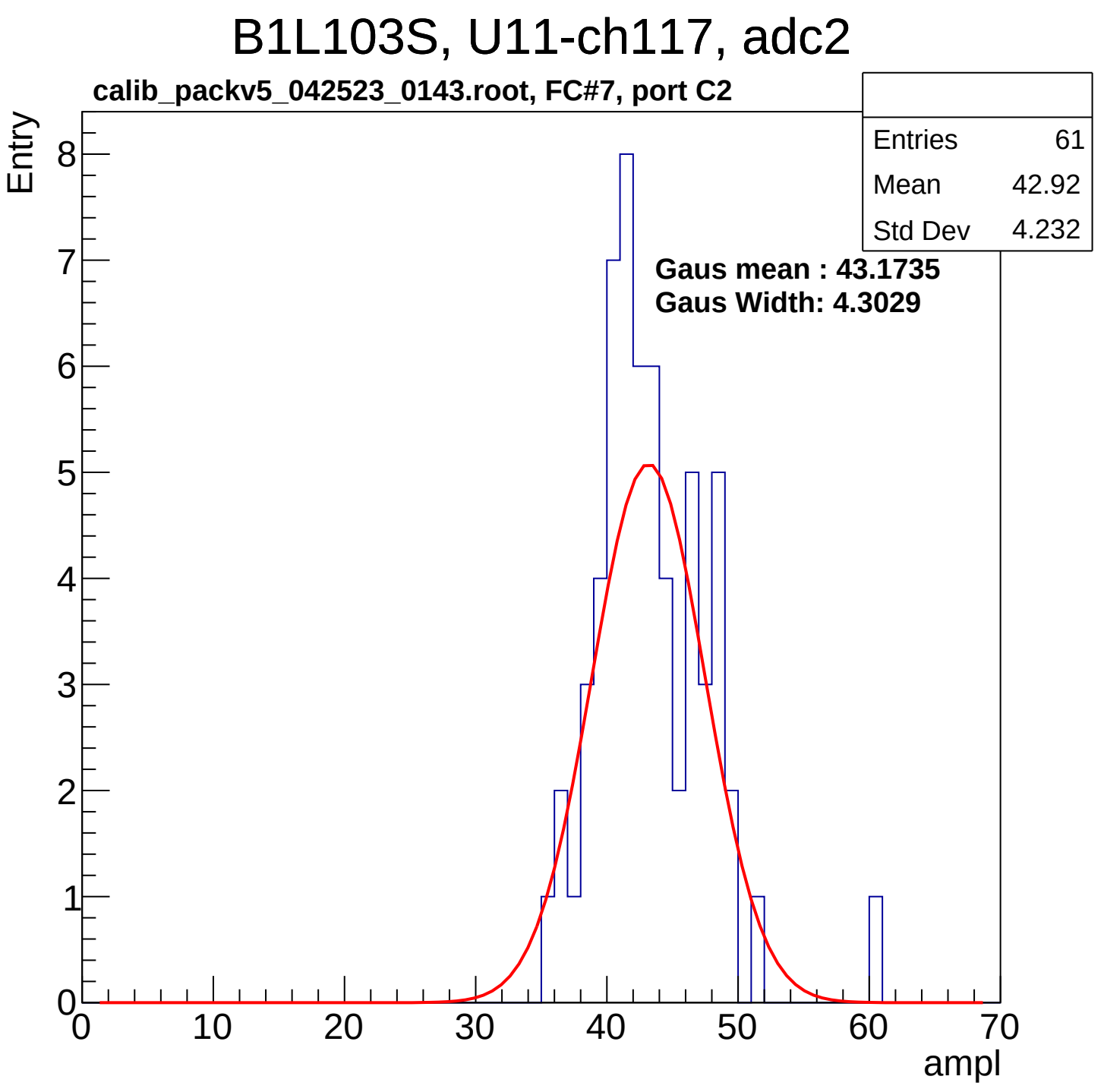

B1L103S, U11-ch116, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 9
Mean 54.11
Std Dev 19.23
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L103S, U11-ch116, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch117, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 29.29
Std Dev 3.669
Gaus mean : 29.6005
Gaus Width: 3.8363
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch117, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 35.75
Std Dev 4.213
Gaus mean : 35.9613
Gaus Width: 3.8704
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch117, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 42.92
Std Dev 4.232
Gaus mean : 43.1735
Gaus Width: 4.3029
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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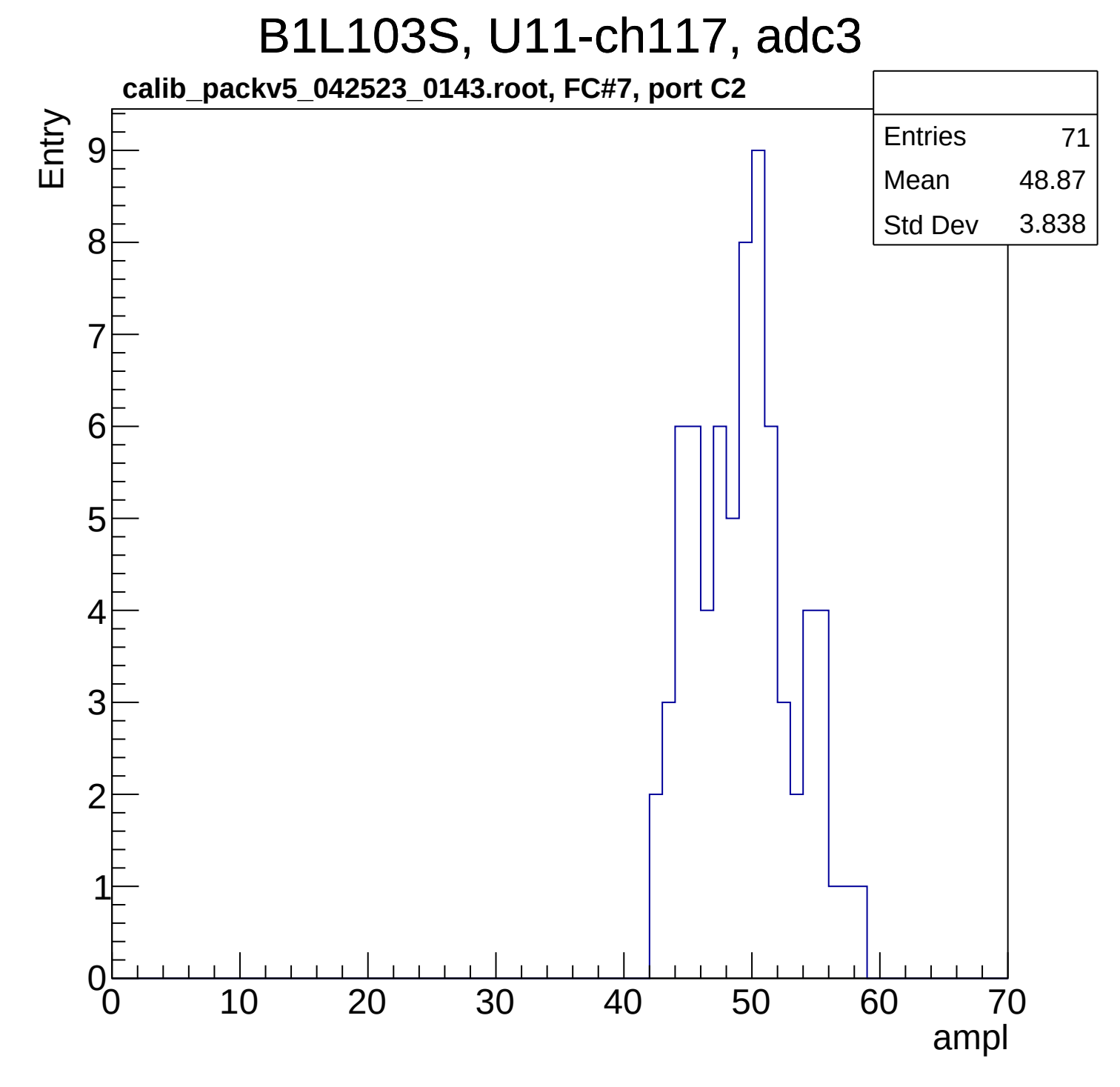
B1L103S, U11-ch117, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 48.87
Std Dev 3.838
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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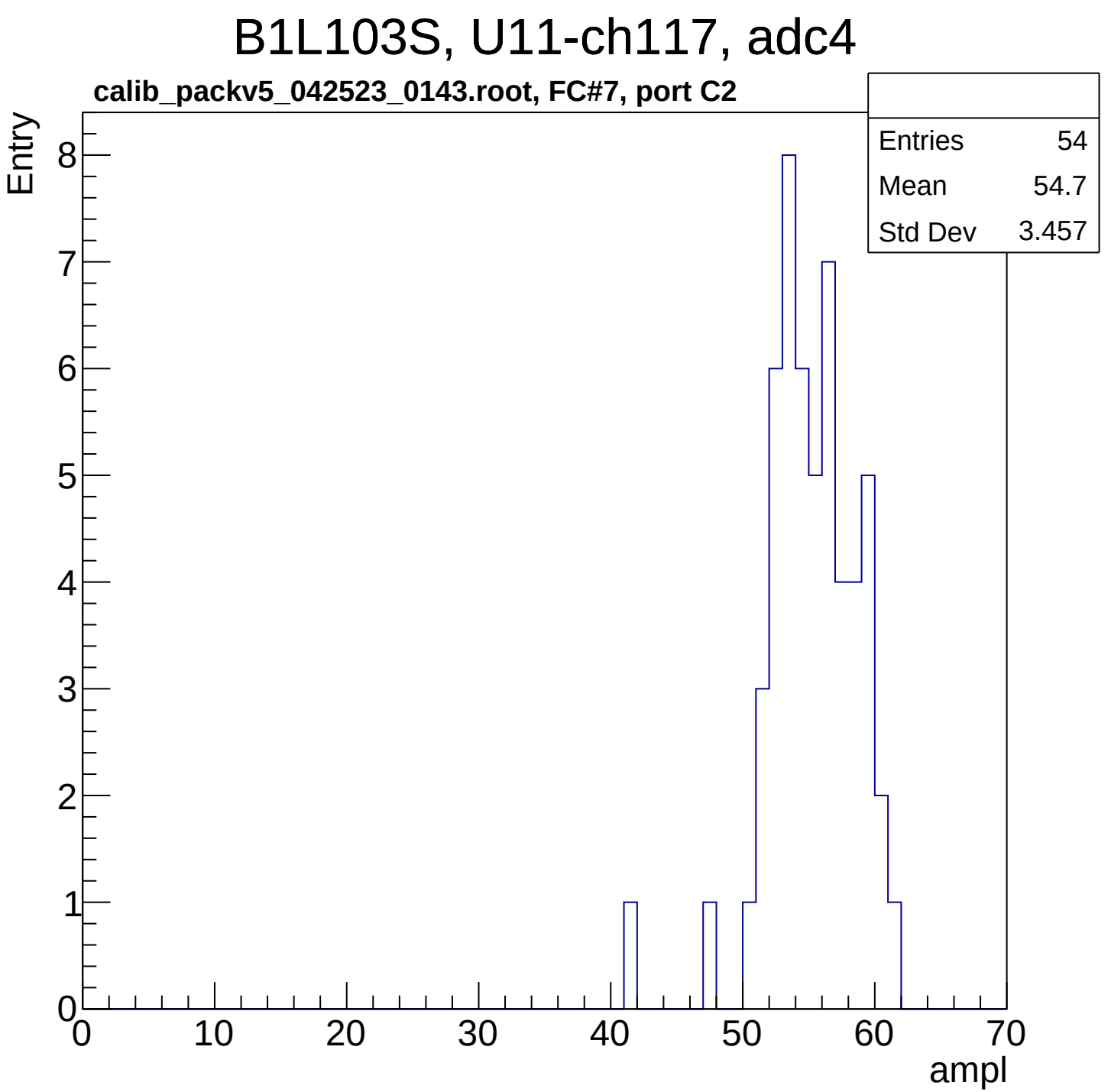
B1L103S, U11-ch117, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 54.7
Std Dev 3.457
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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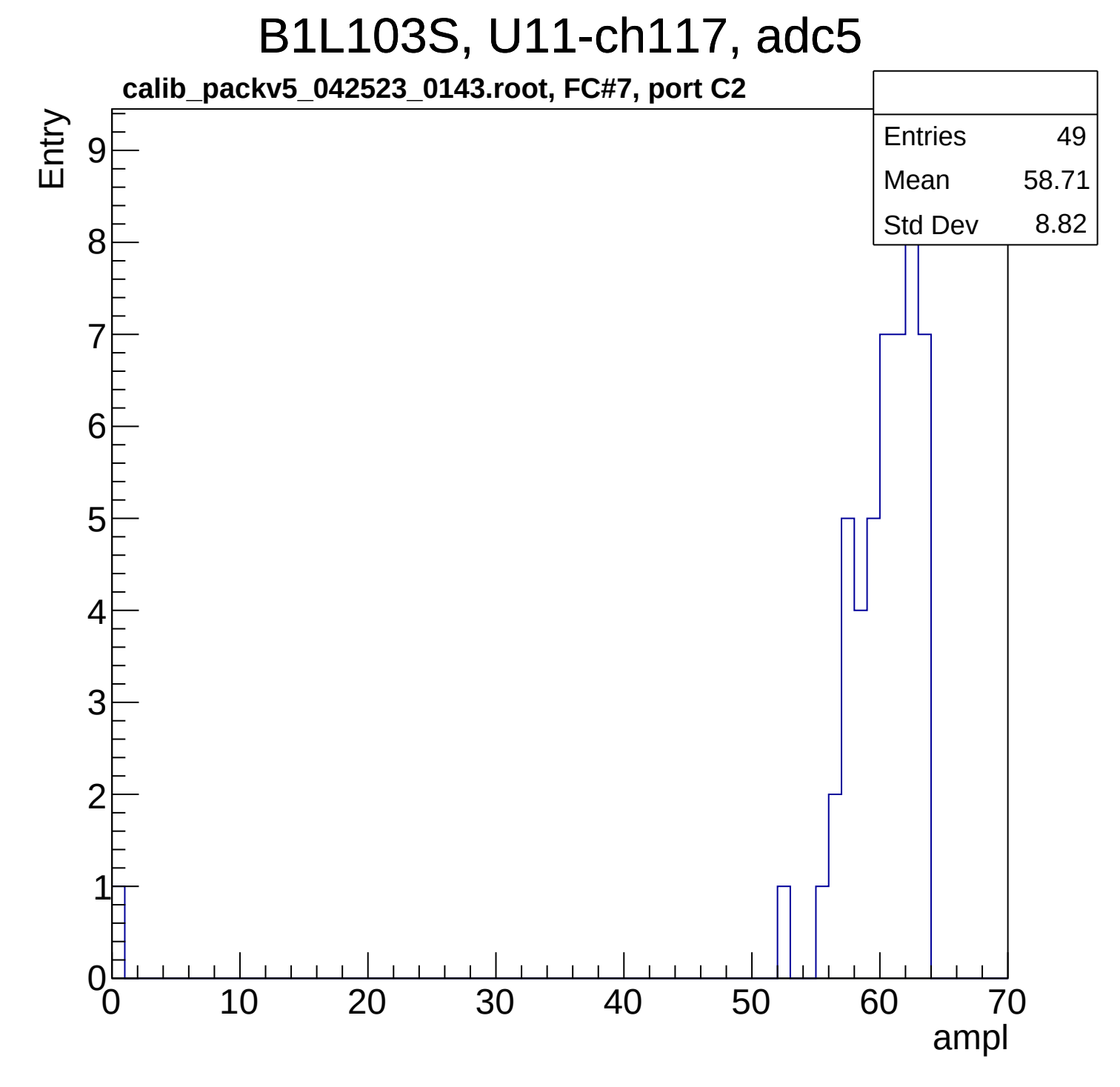
B1L103S, U11-ch117, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 58.71
Std Dev 8.82
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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20
30
40
50
60
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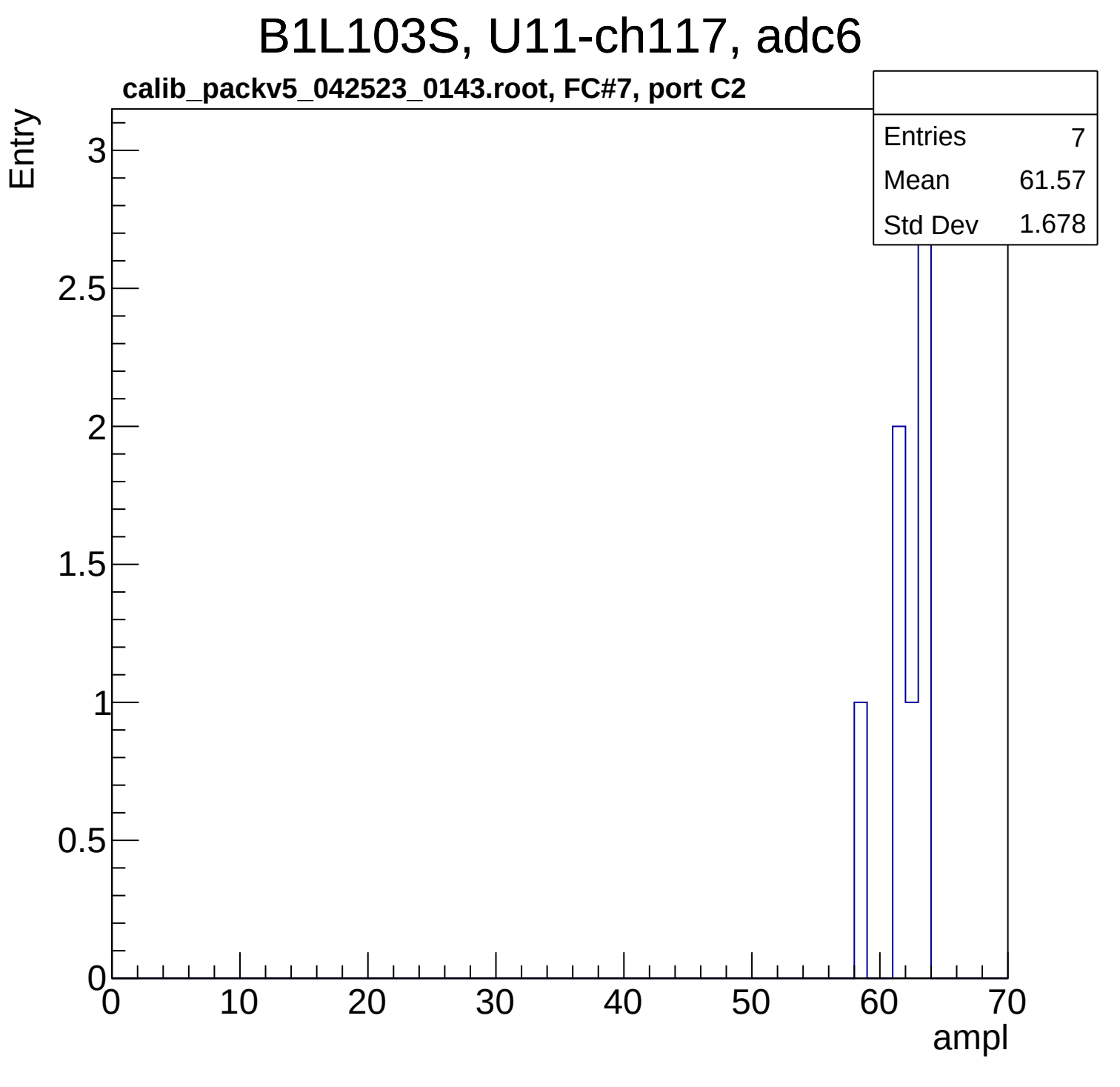
B1L103S, U11-ch117, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 7
Mean 61.57
Std Dev 1.678
Entry
ampl
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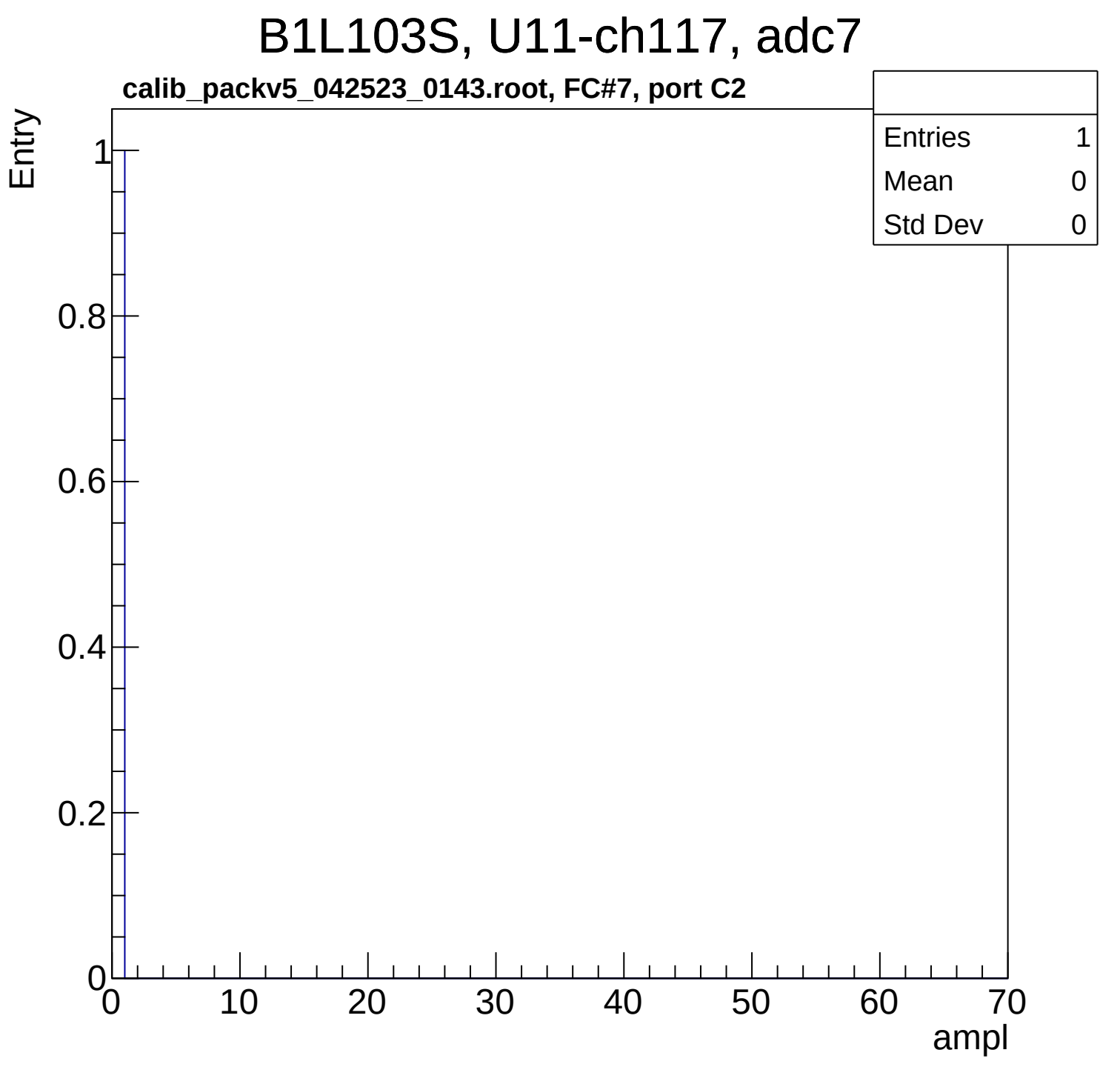
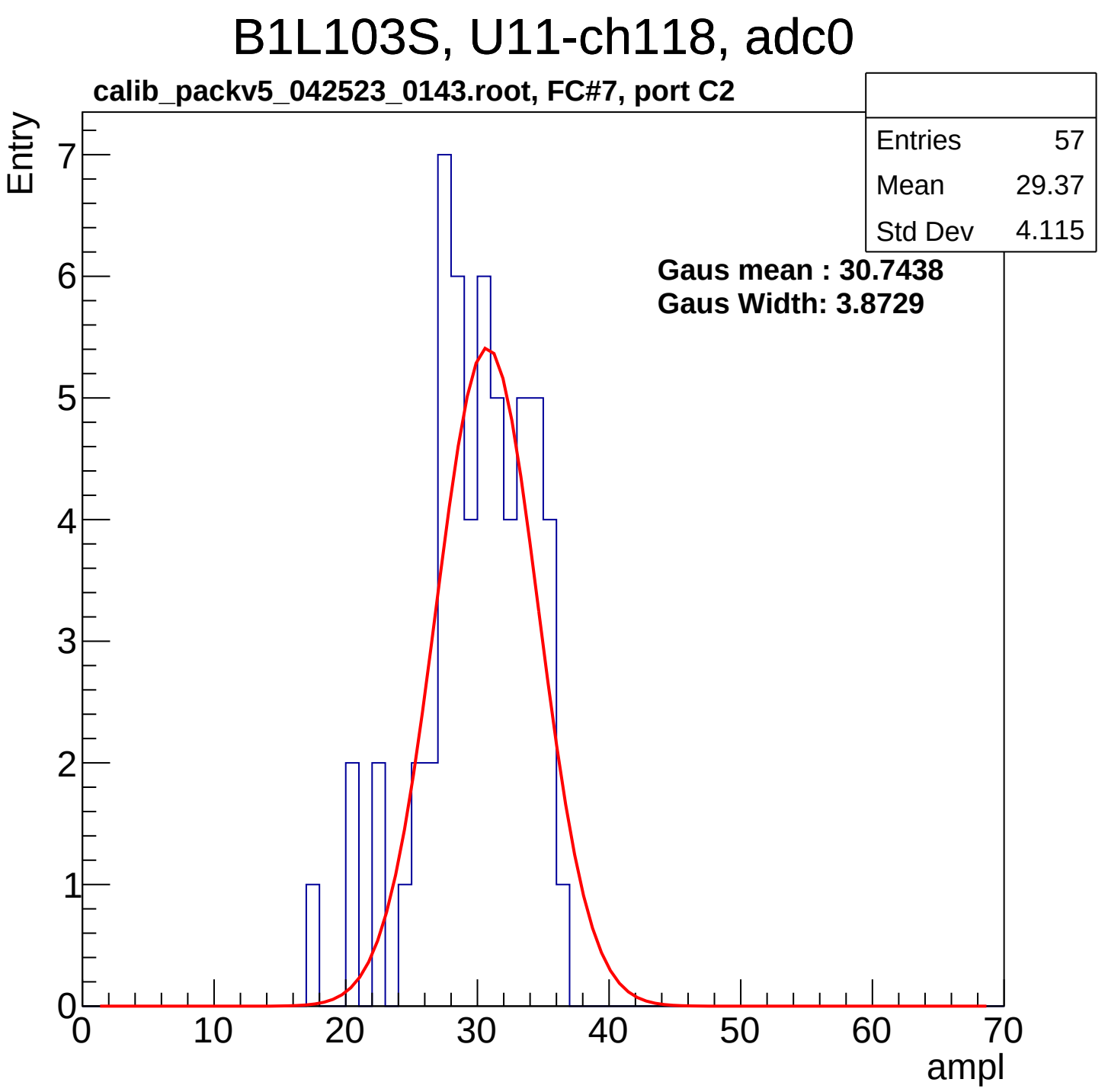
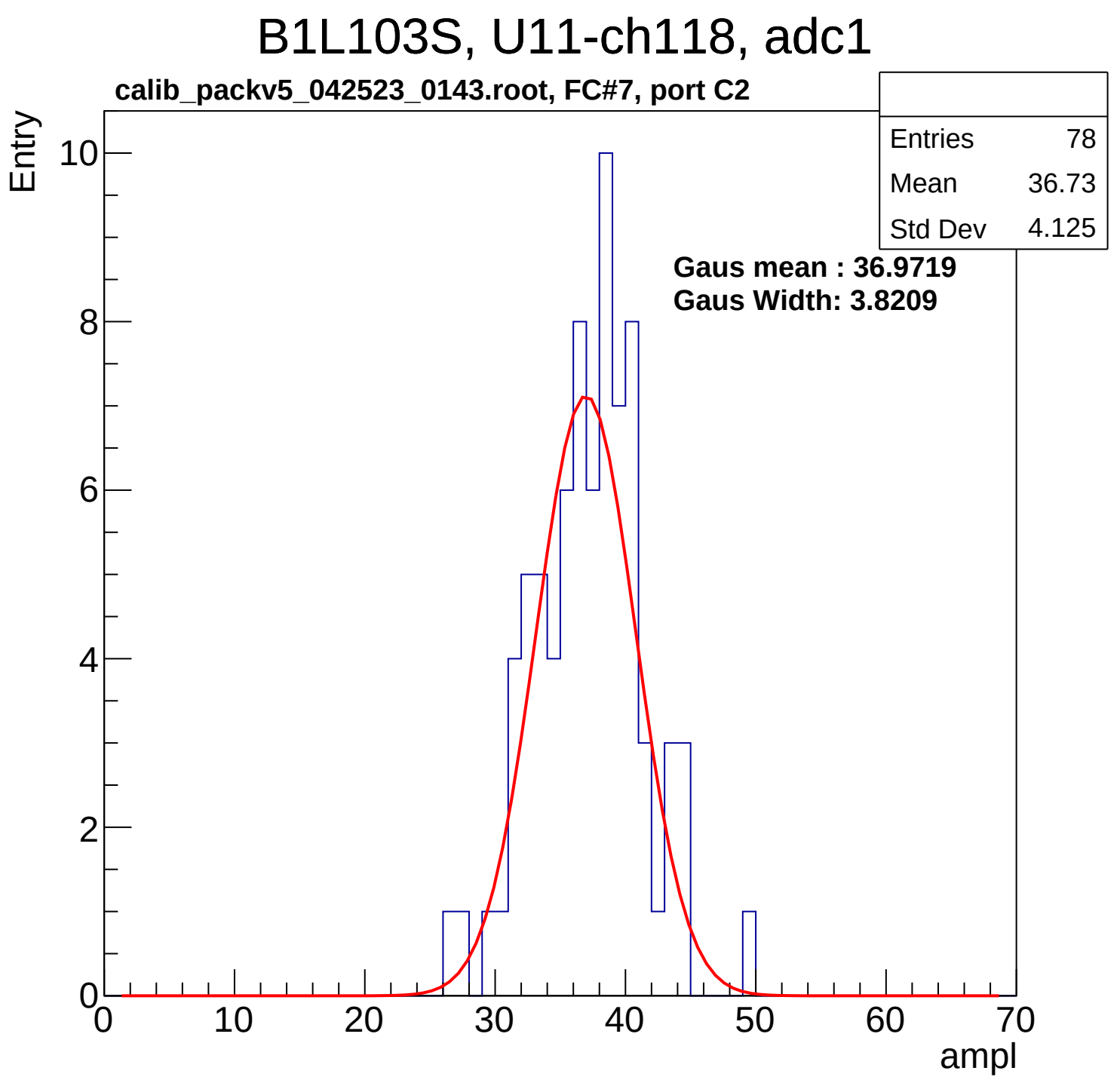
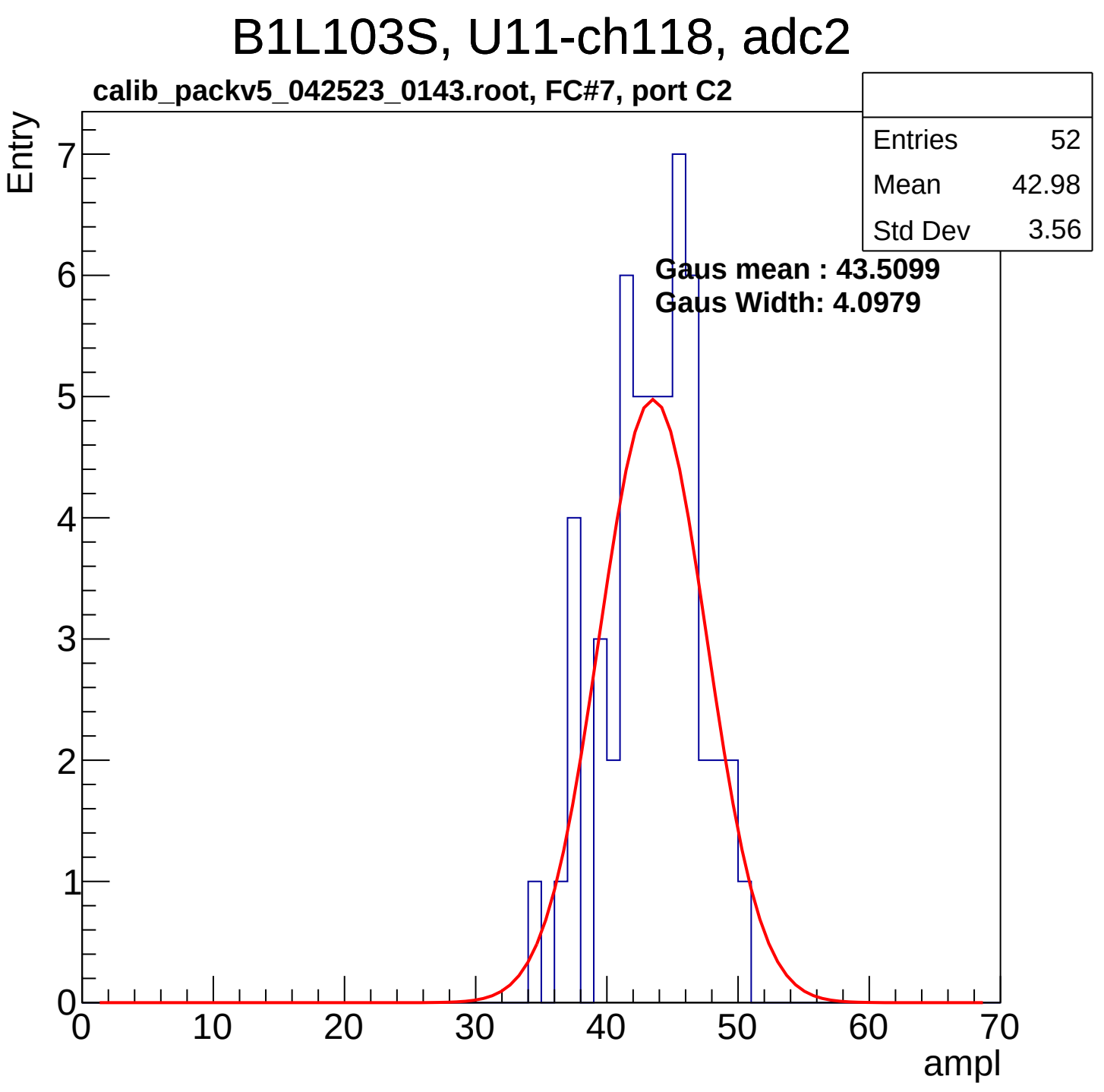
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U11-ch117, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch118, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 29.37
Std Dev 4.115
Gaus mean : 30.7438
Gaus Width: 3.8729
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U11-ch118, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 78
Mean 36.73
Std Dev 4.125
Gaus mean : 36.9719
Gaus Width: 3.8209
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch118, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 52
Mean 42.98
Std Dev 3.56
Gaus mean : 43.5099
Gaus Width: 4.0979
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
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60
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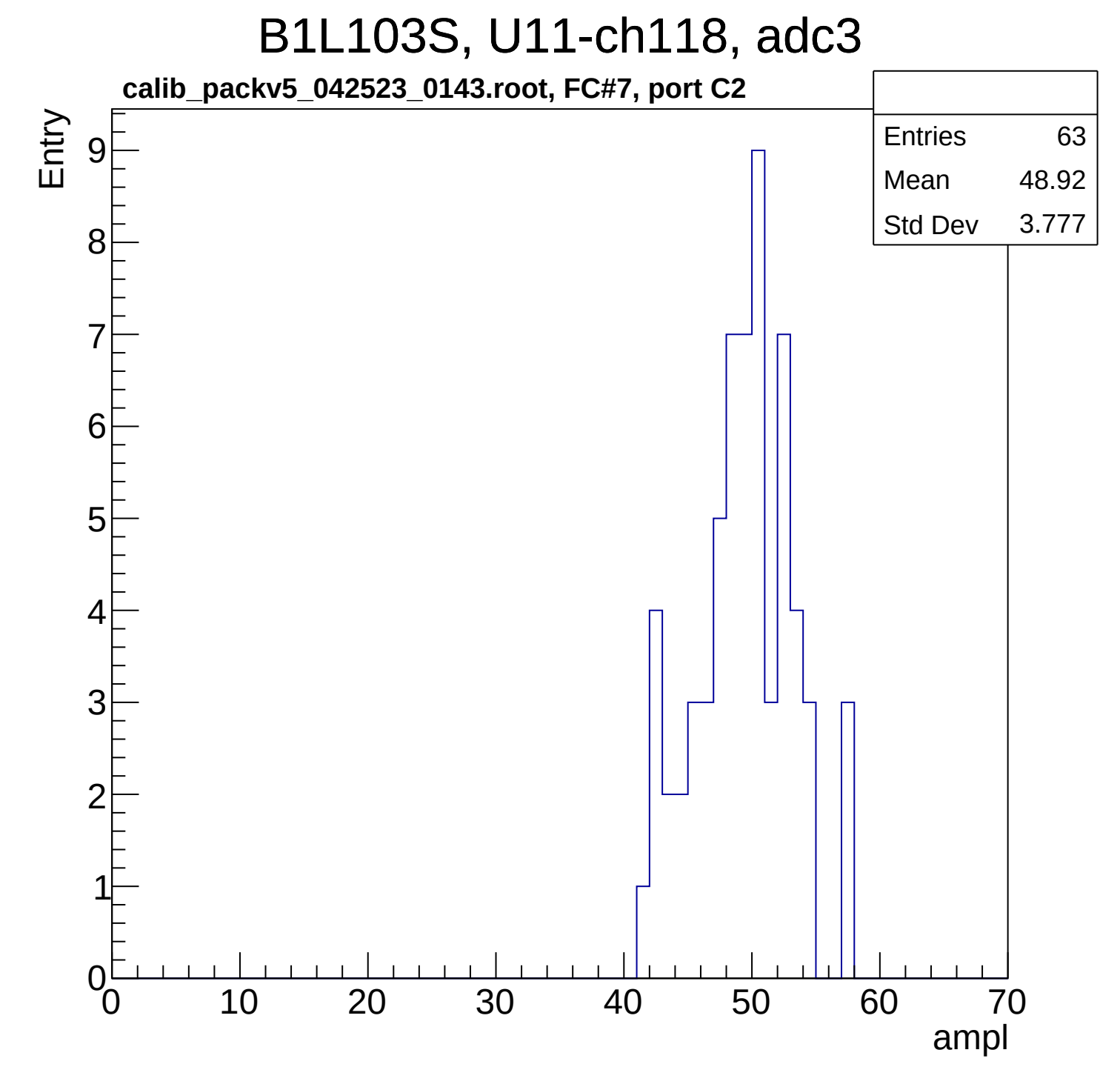
B1L103S, U11-ch118, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 48.92
Std Dev 3.777
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
50
60
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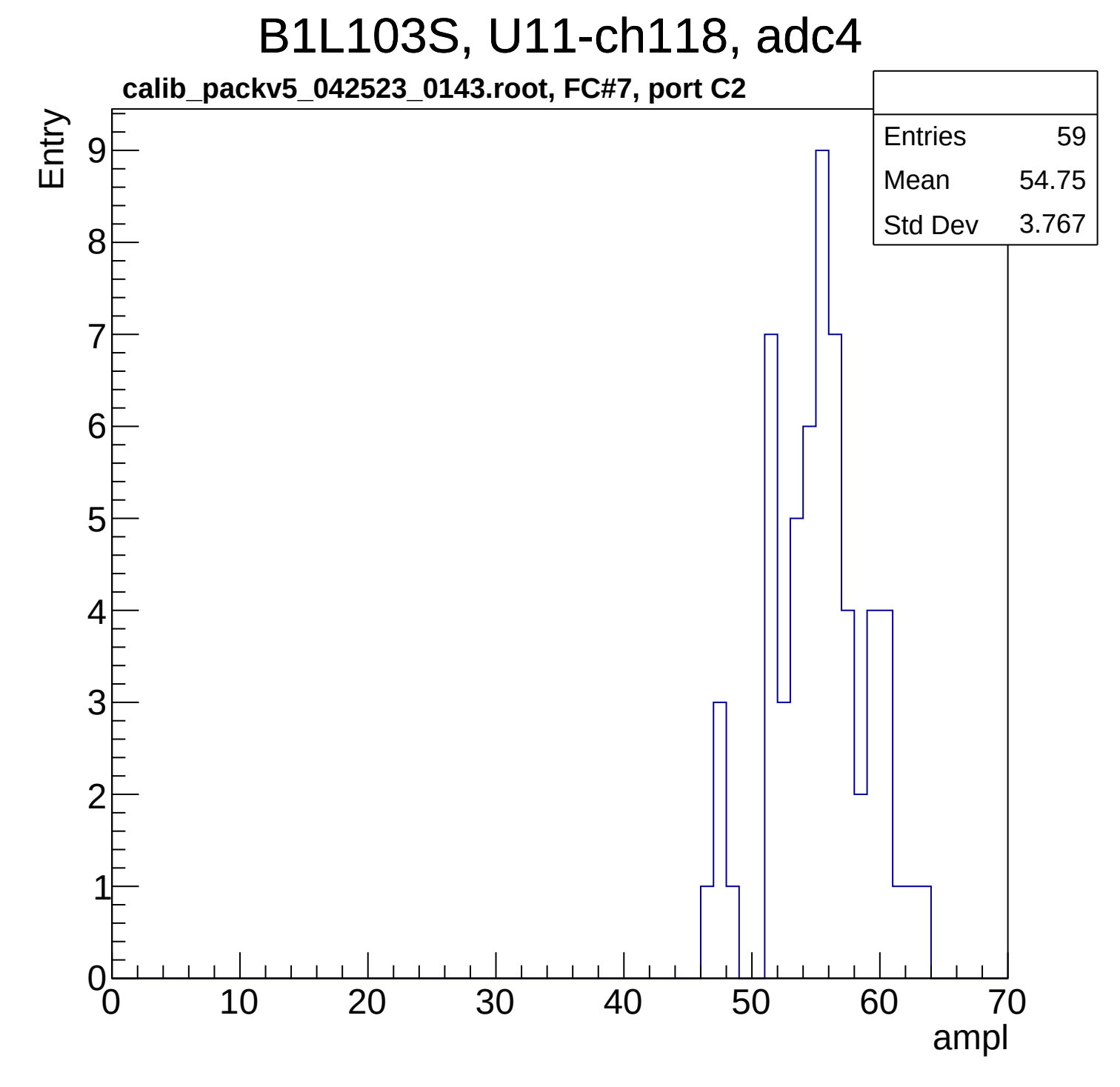
B1L103S, U11-ch118, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 54.75
Std Dev 3.767
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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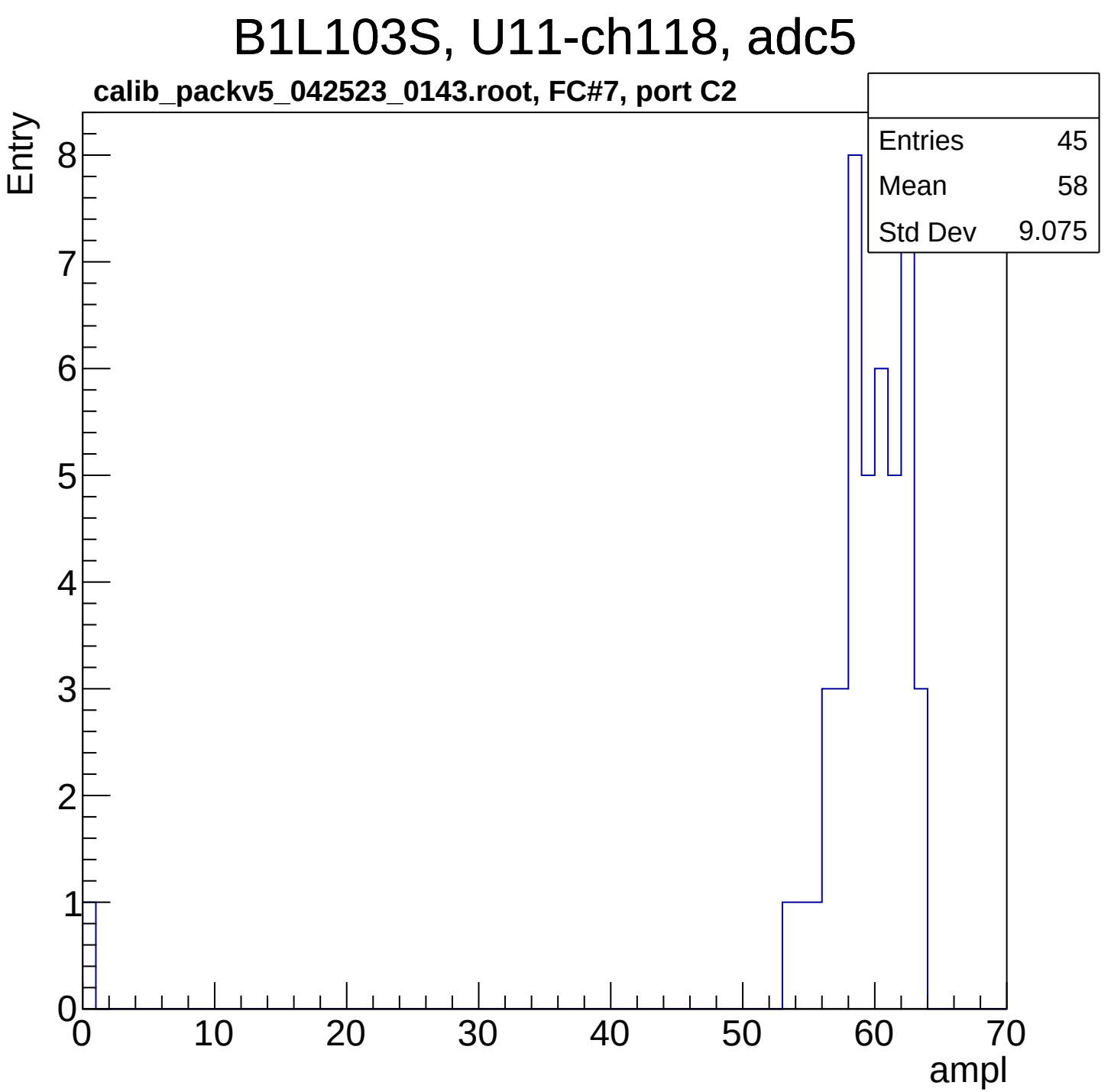
B1L103S, U11-ch118, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 45
Mean 58
Std Dev 9.075
Entry
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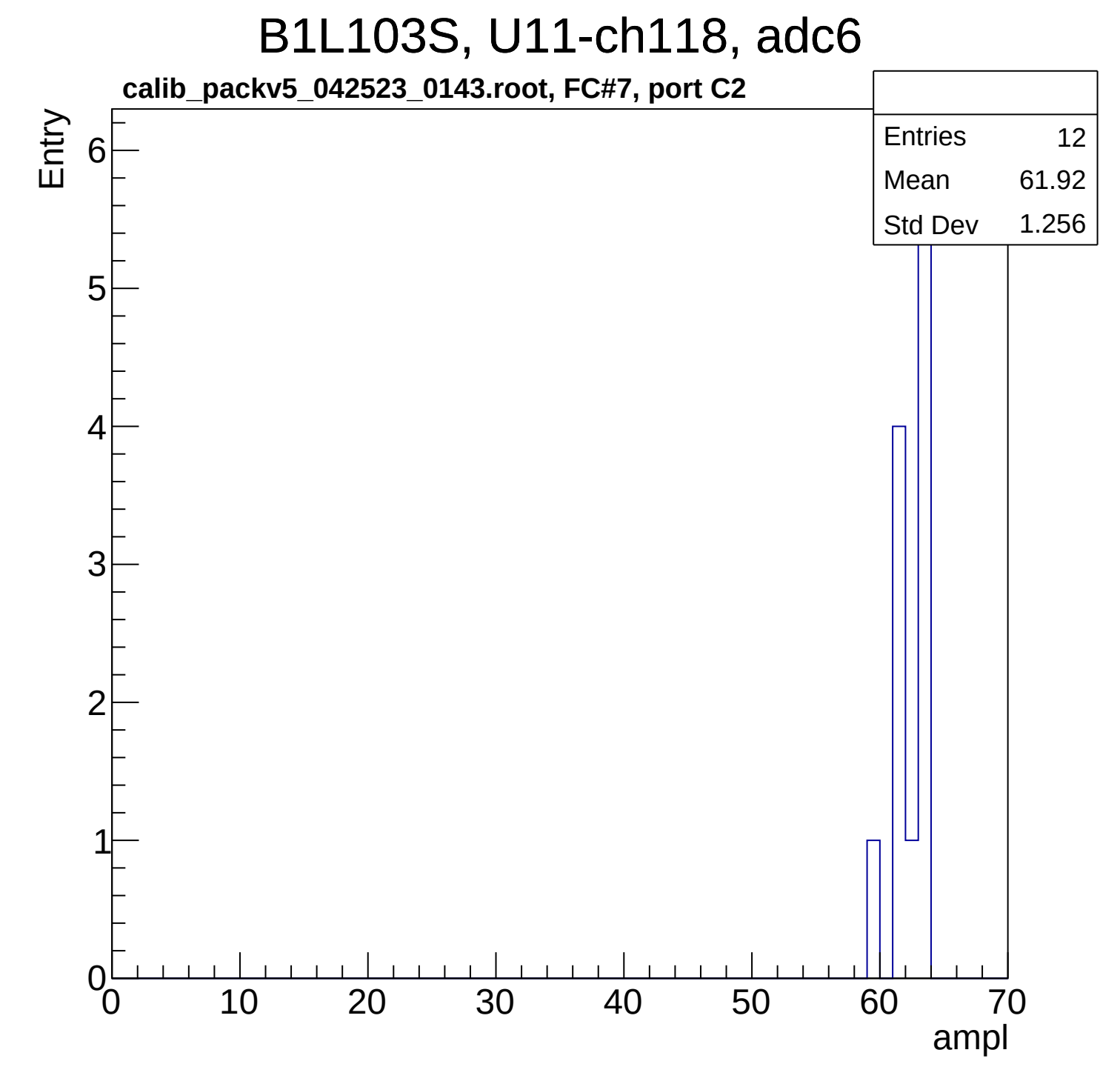
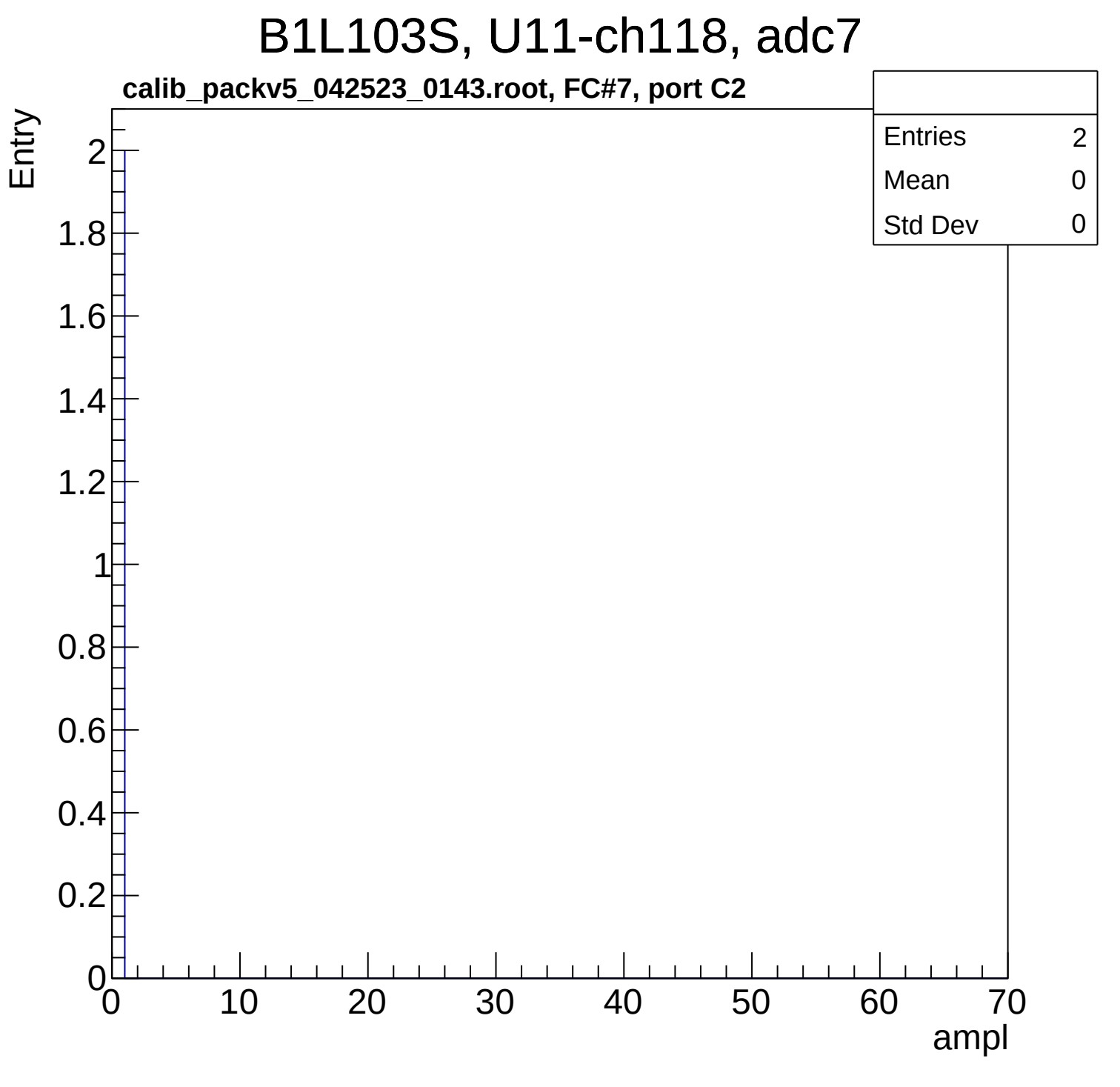
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch118, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 12
Mean 61.92
Std Dev 1.256
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L103S, U11-ch118, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
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0.6
0.4
0.2
0
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10
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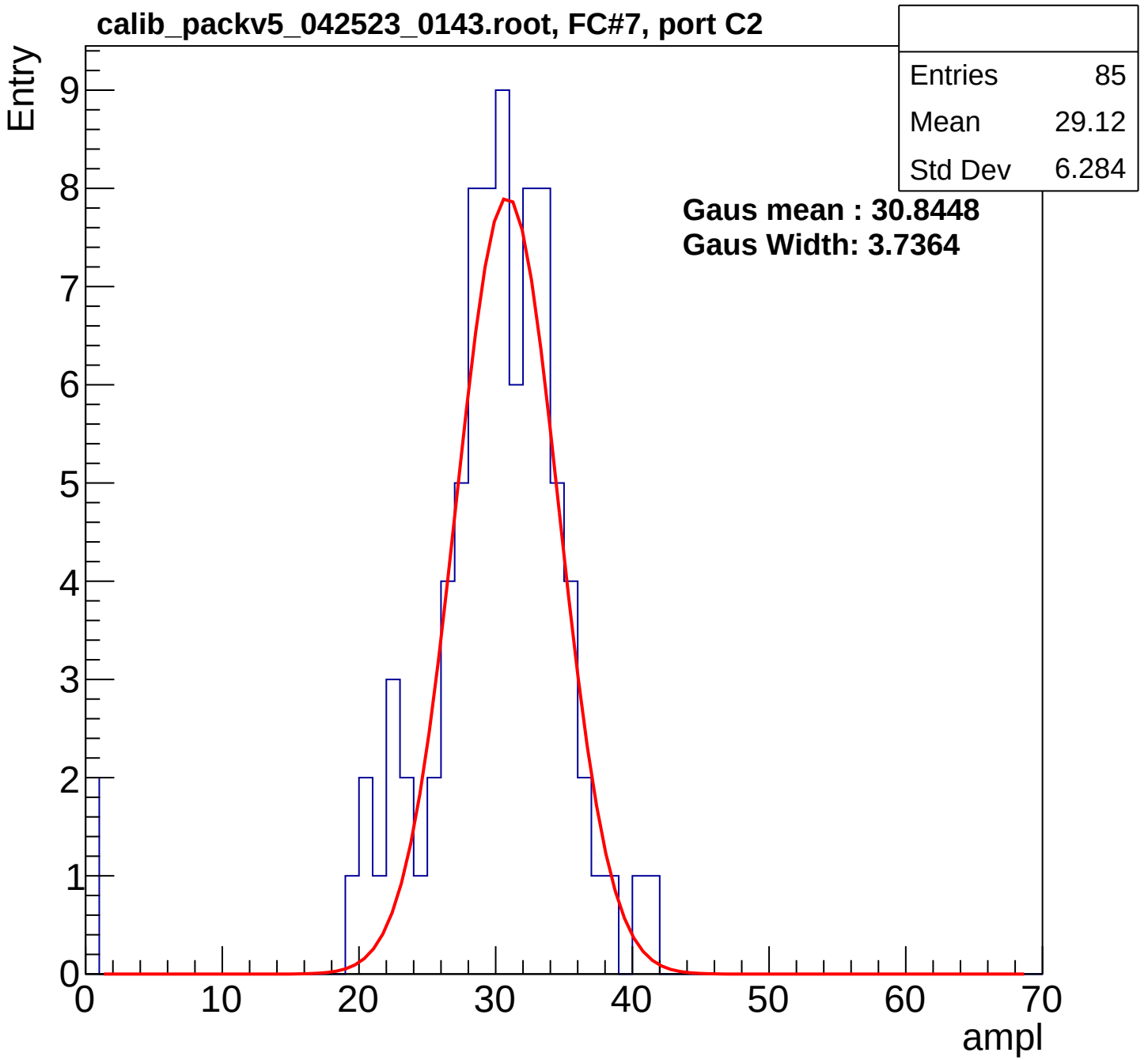
50
60
70
ampl


B1L103S, U11-ch119, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 85
Mean 29.12
Std Dev 6.284
Gaus mean : 30.8448
Gaus Width: 3.7364
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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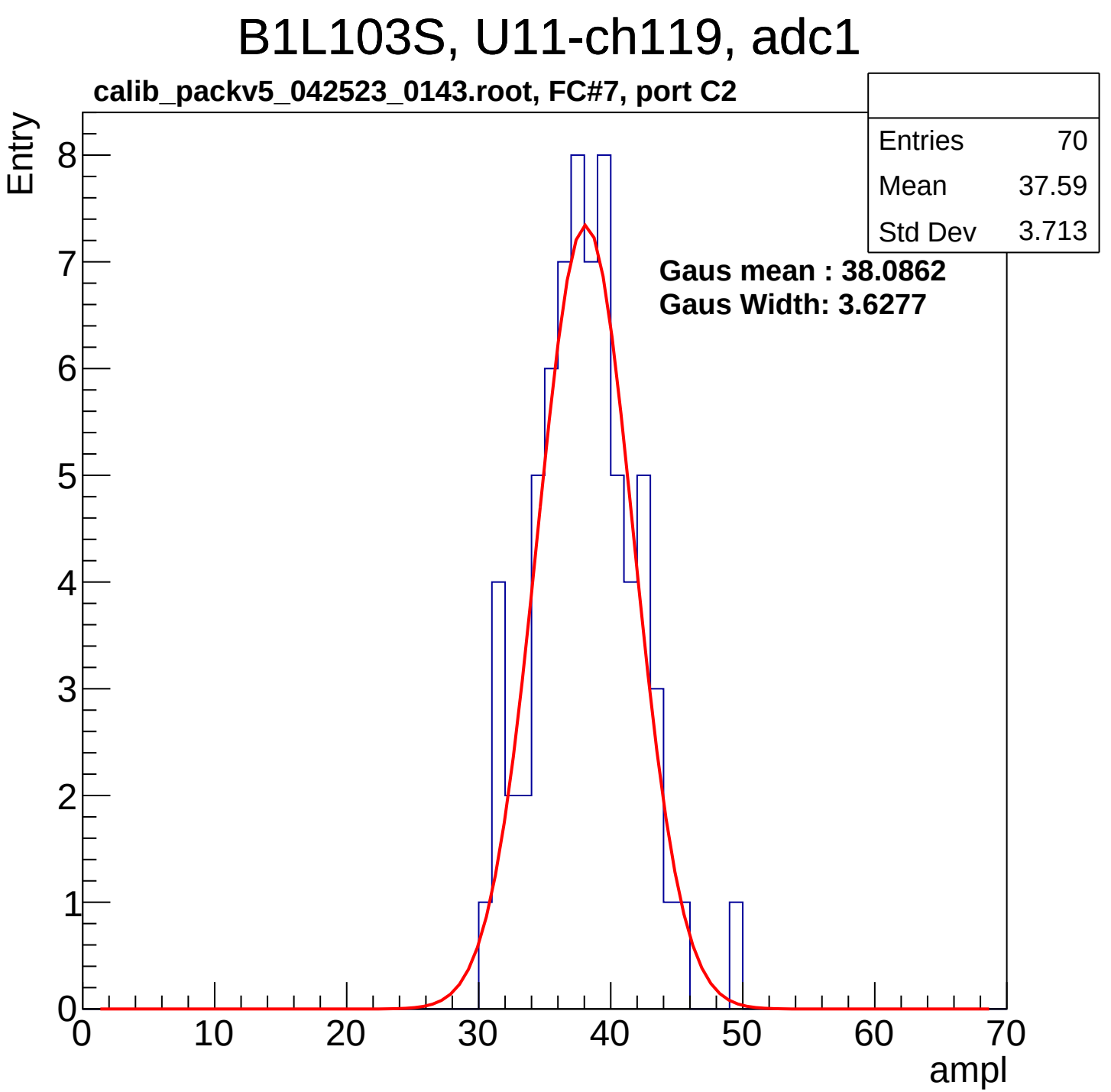
B1L103S, U11-ch119, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 37.59
Std Dev 3.713
Gaus mean : 38.0862
Gaus Width: 3.6277
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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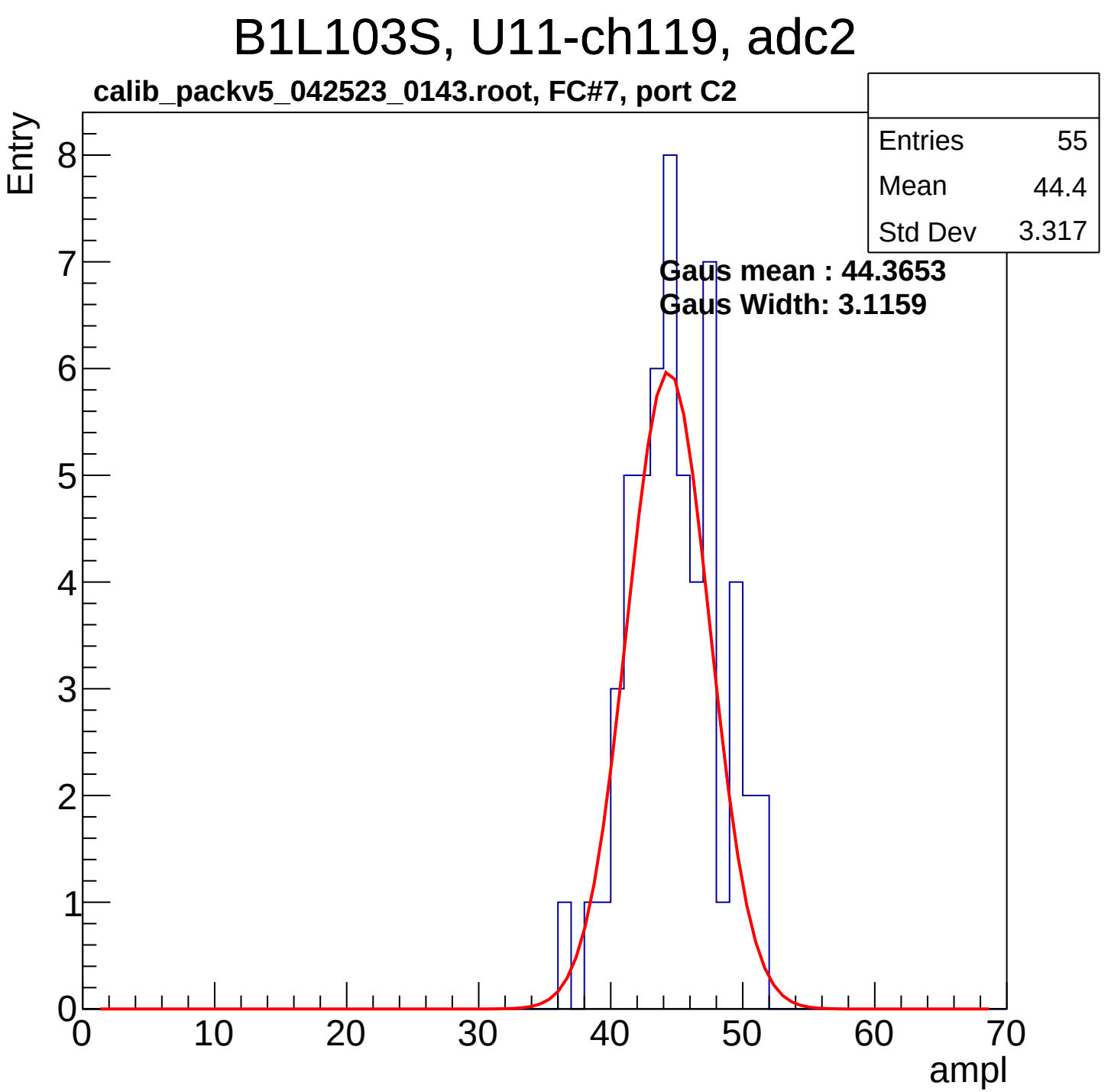
B1L103S, U11-ch119, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 44.4
Std Dev 3.317
Gaus mean : 44.3653
Gaus Width: 3.1159
Entry
ampl
0
1
2
3
4
5
6
7
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0
10
20
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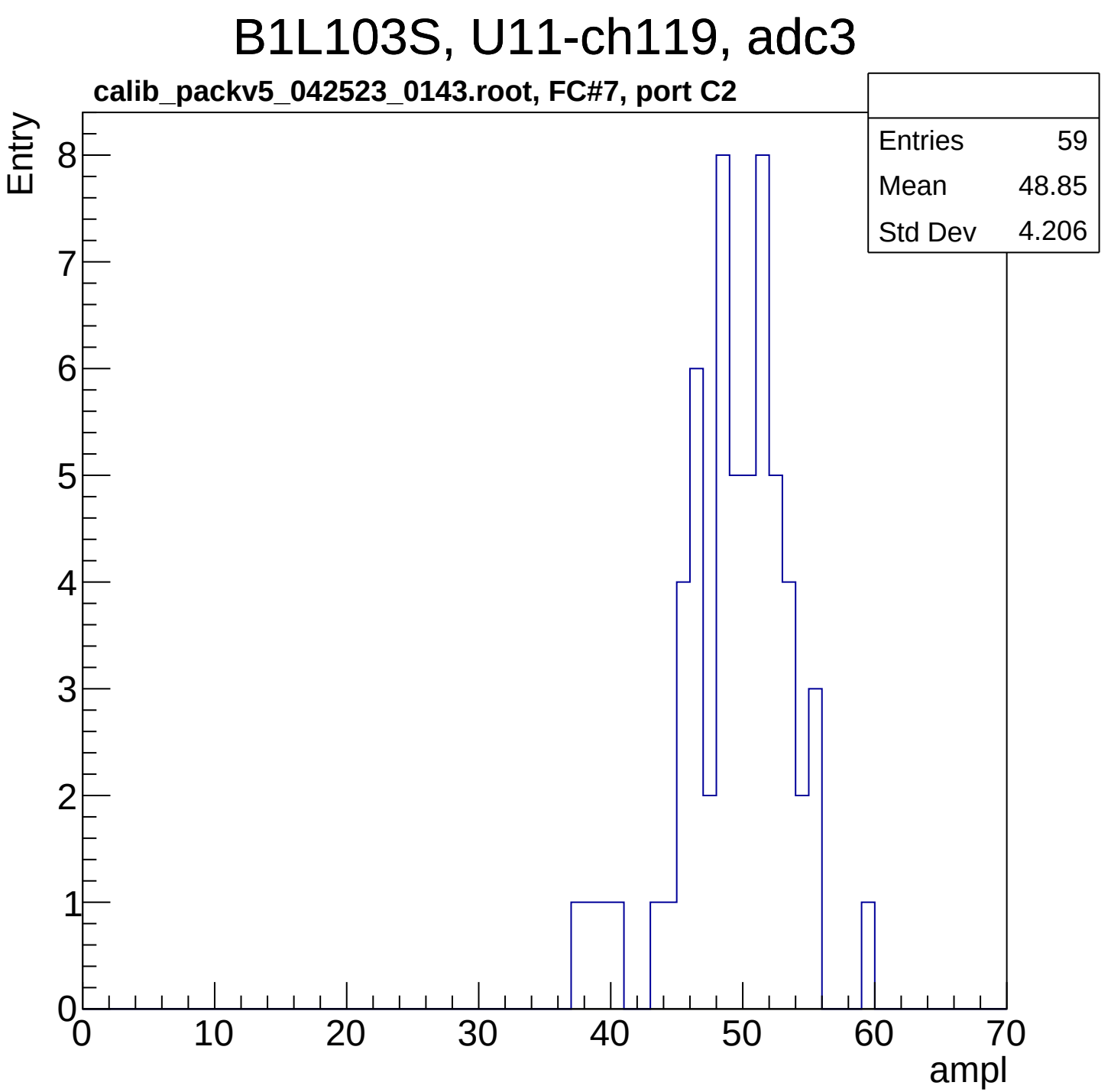
60
70


B1L103S, U11-ch119, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 48.85
Std Dev 4.206
Entry
ampl
0
1
2
3
4
5
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7
8
0
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60
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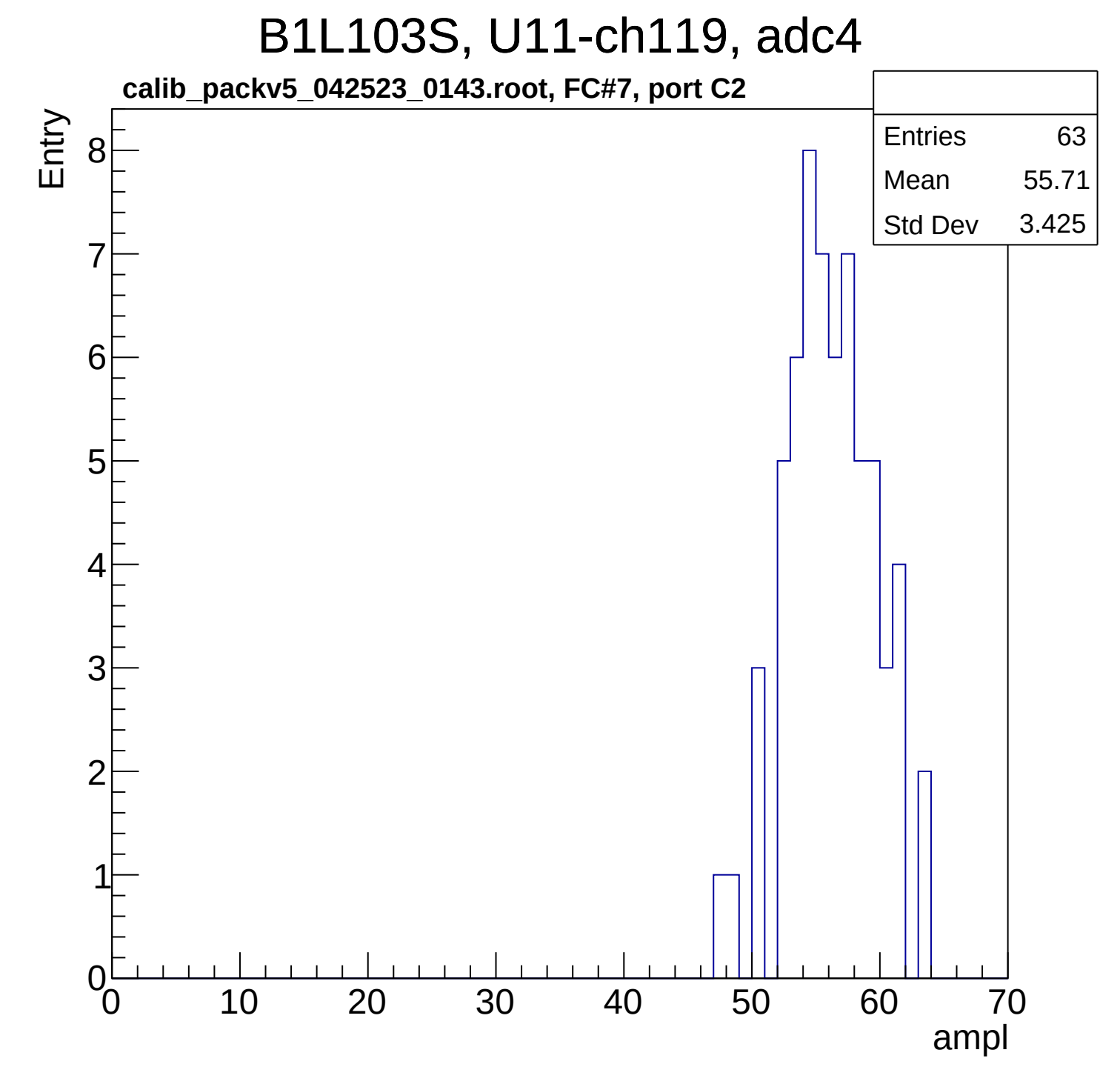
B1L103S, U11-ch119, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 55.71
Std Dev 3.425
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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60
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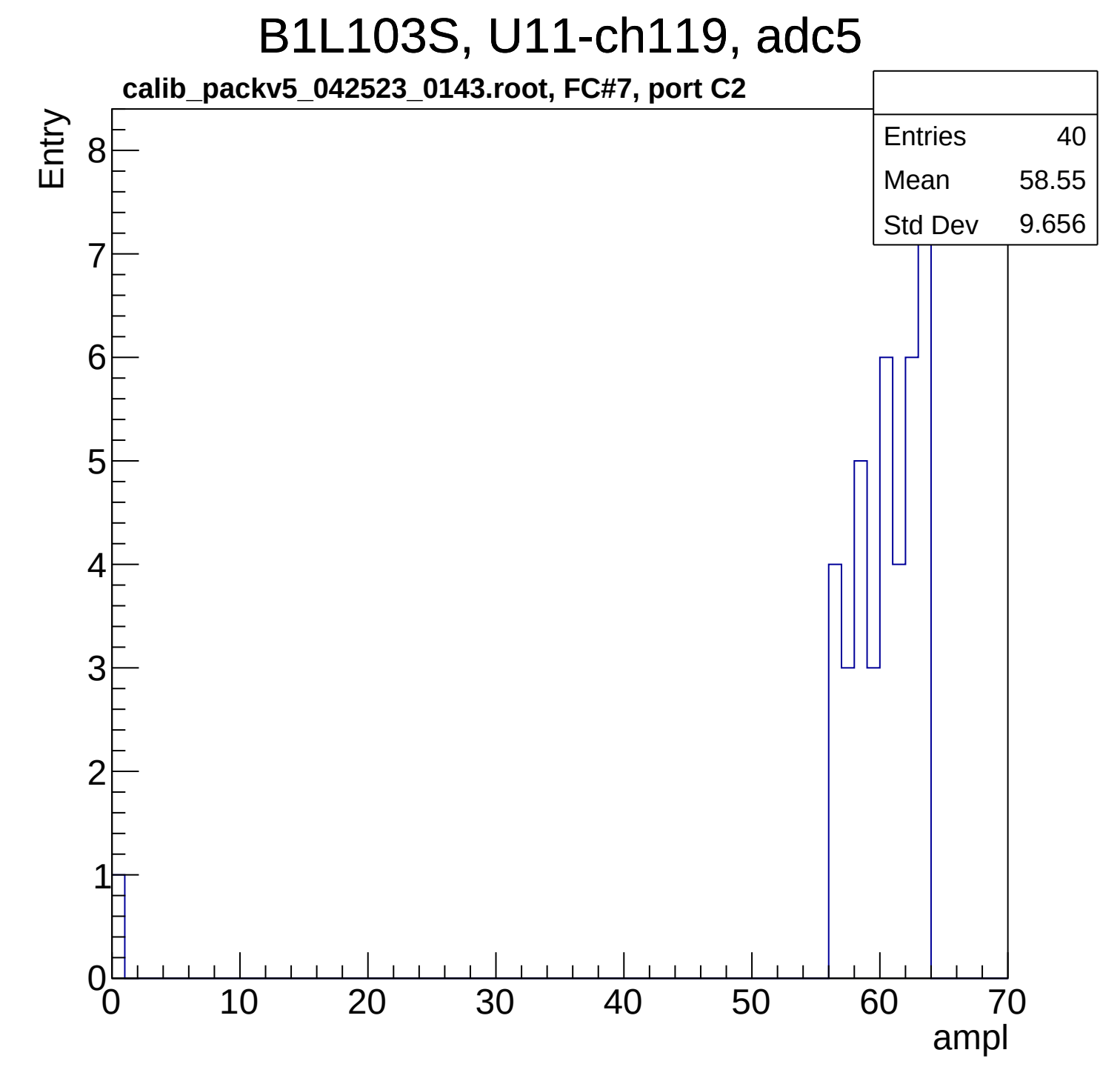
B1L103S, U11-ch119, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 40
Mean 58.55
Std Dev 9.656
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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40
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60
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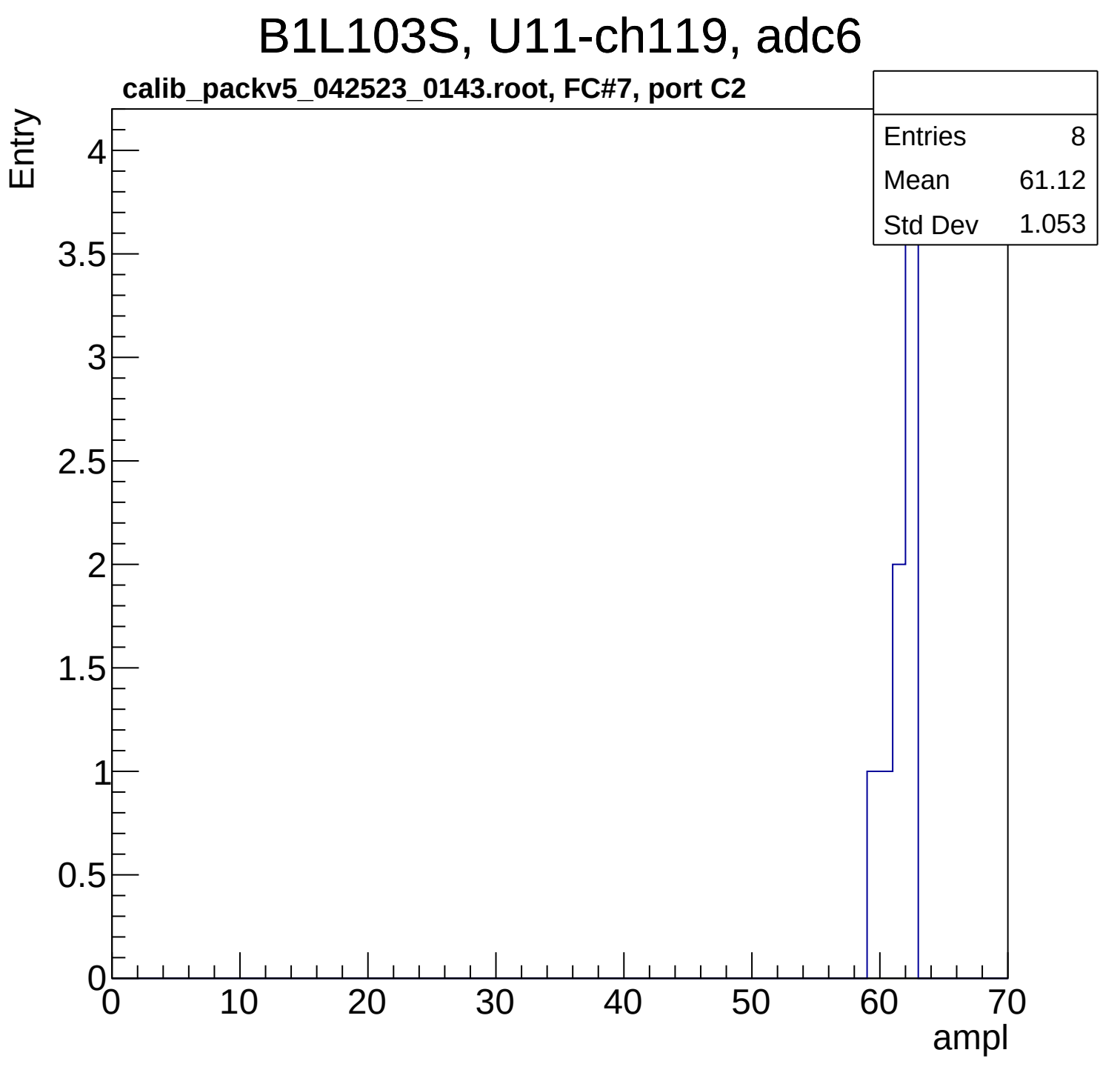
B1L103S, U11-ch119, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 8
Mean 61.12
Std Dev 1.053
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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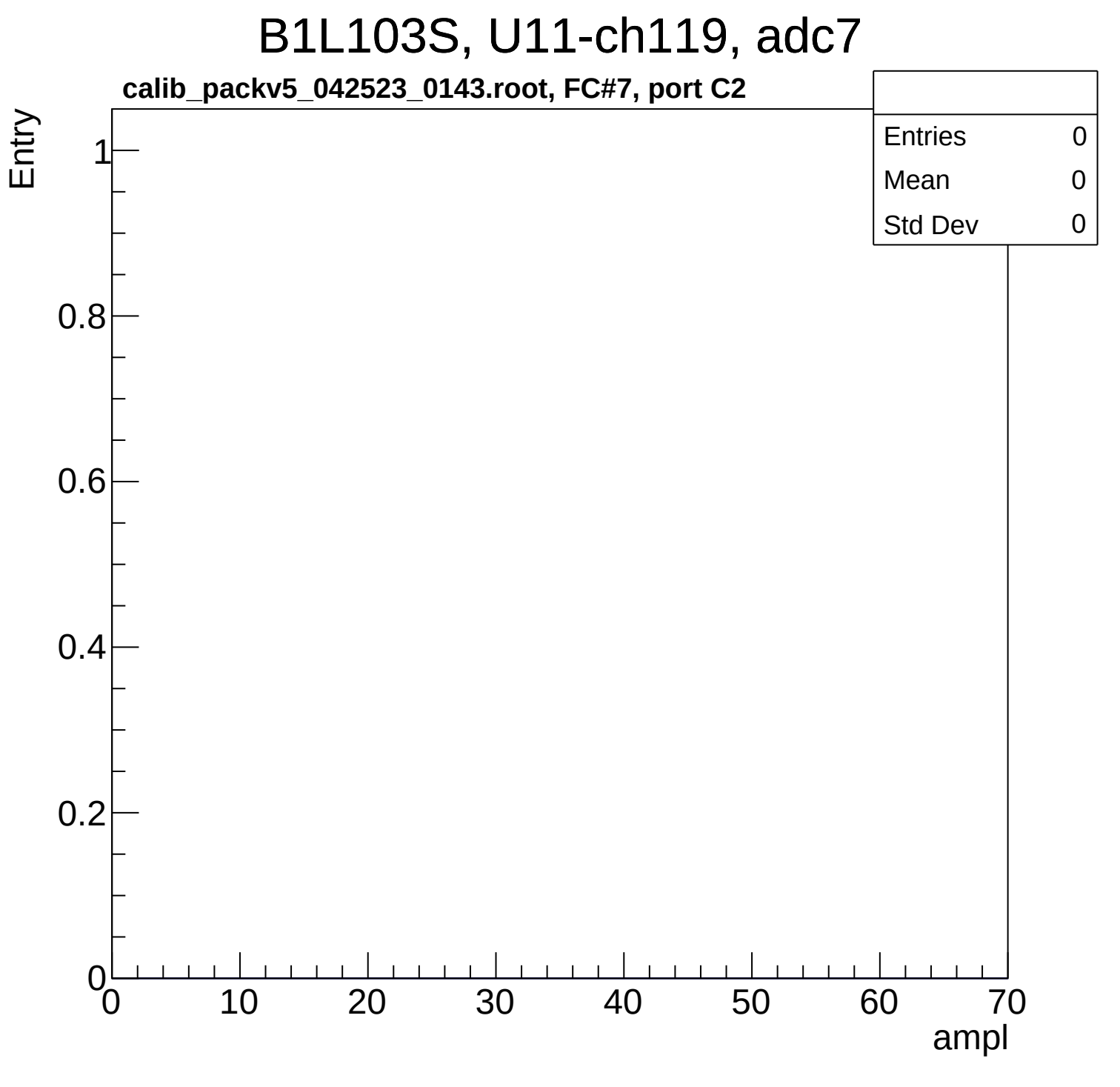
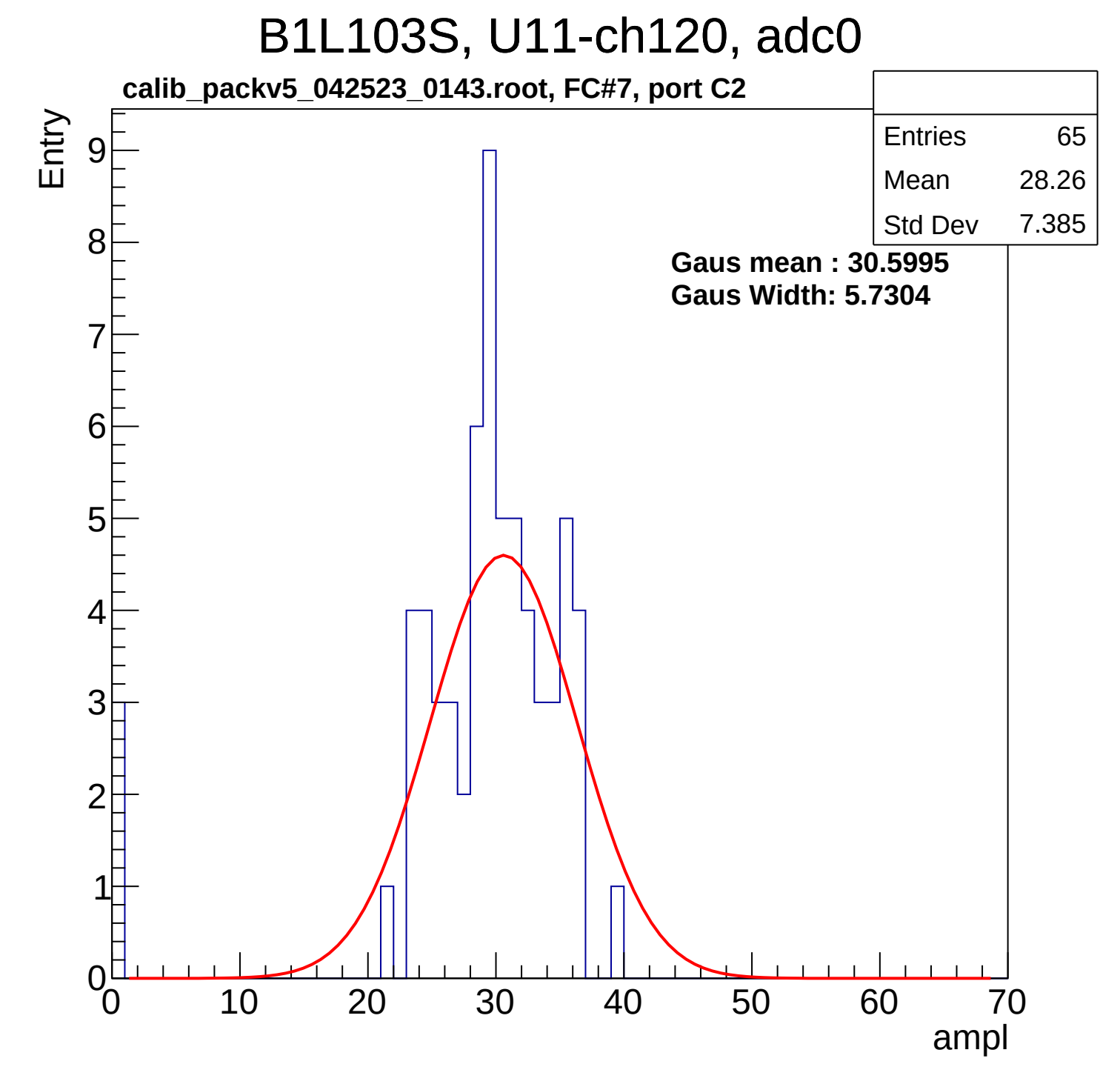

B1L103S, U11-ch119, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch120, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 28.26
Std Dev 7.385
Gaus mean : 30.5995
Gaus Width: 5.7304
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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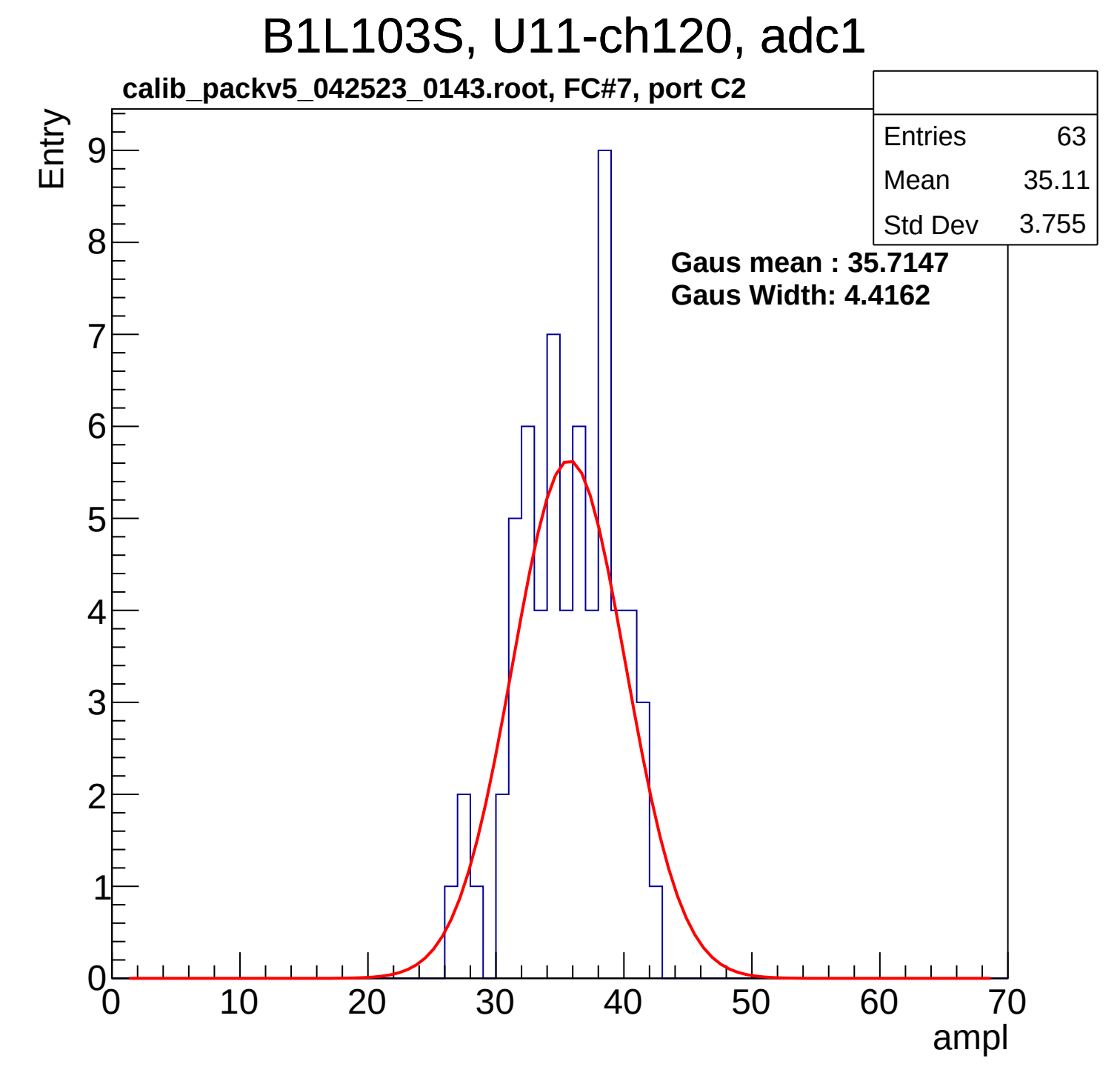
B1L103S, U11-ch120, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 35.11
Std Dev 3.755
Gaus mean : 35.7147
Gaus Width: 4.4162
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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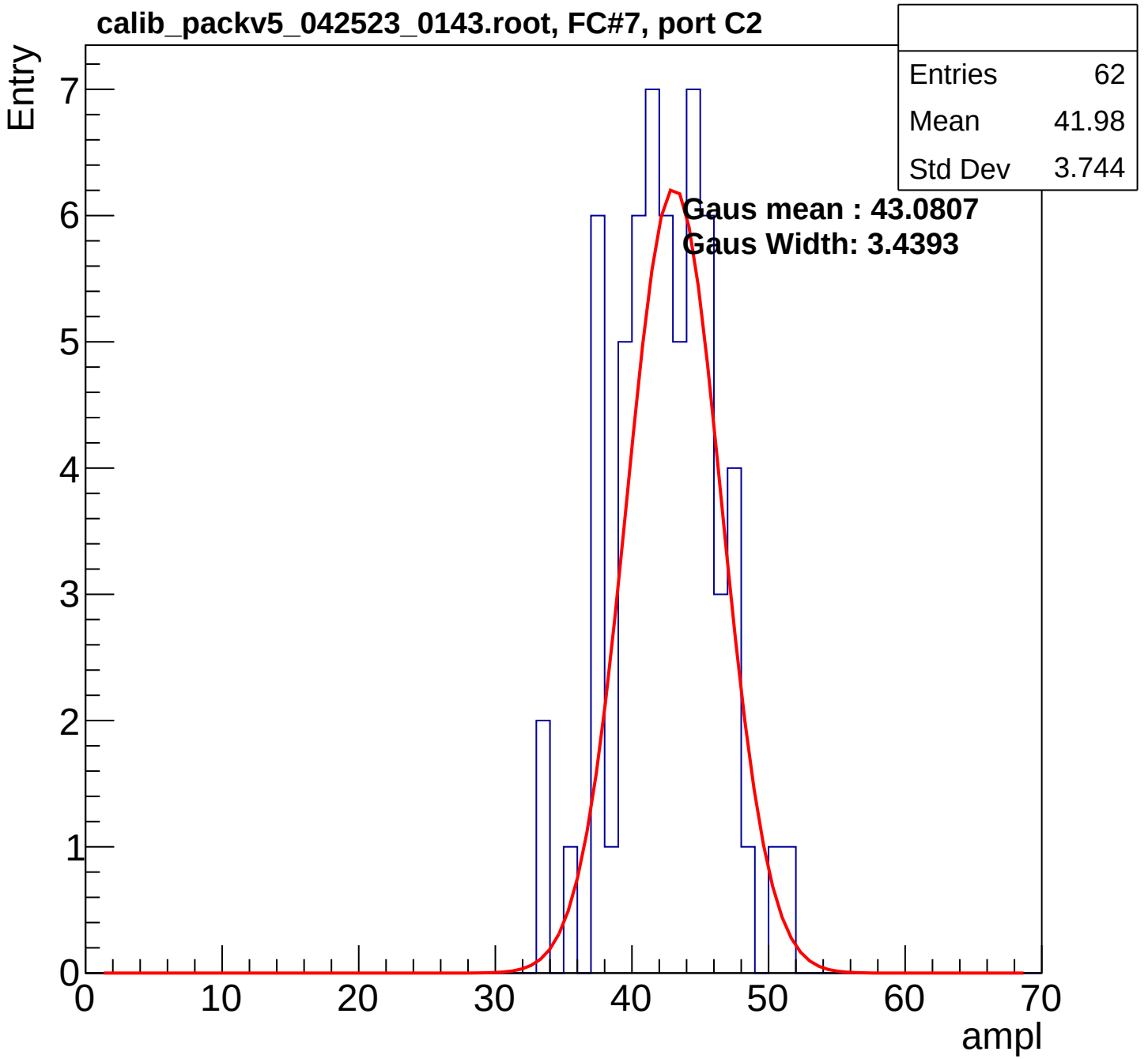
B1L103S, U11-ch120, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 41.98
Std Dev 3.744
Gaus mean : 43.0807
Gaus Width: 3.4393
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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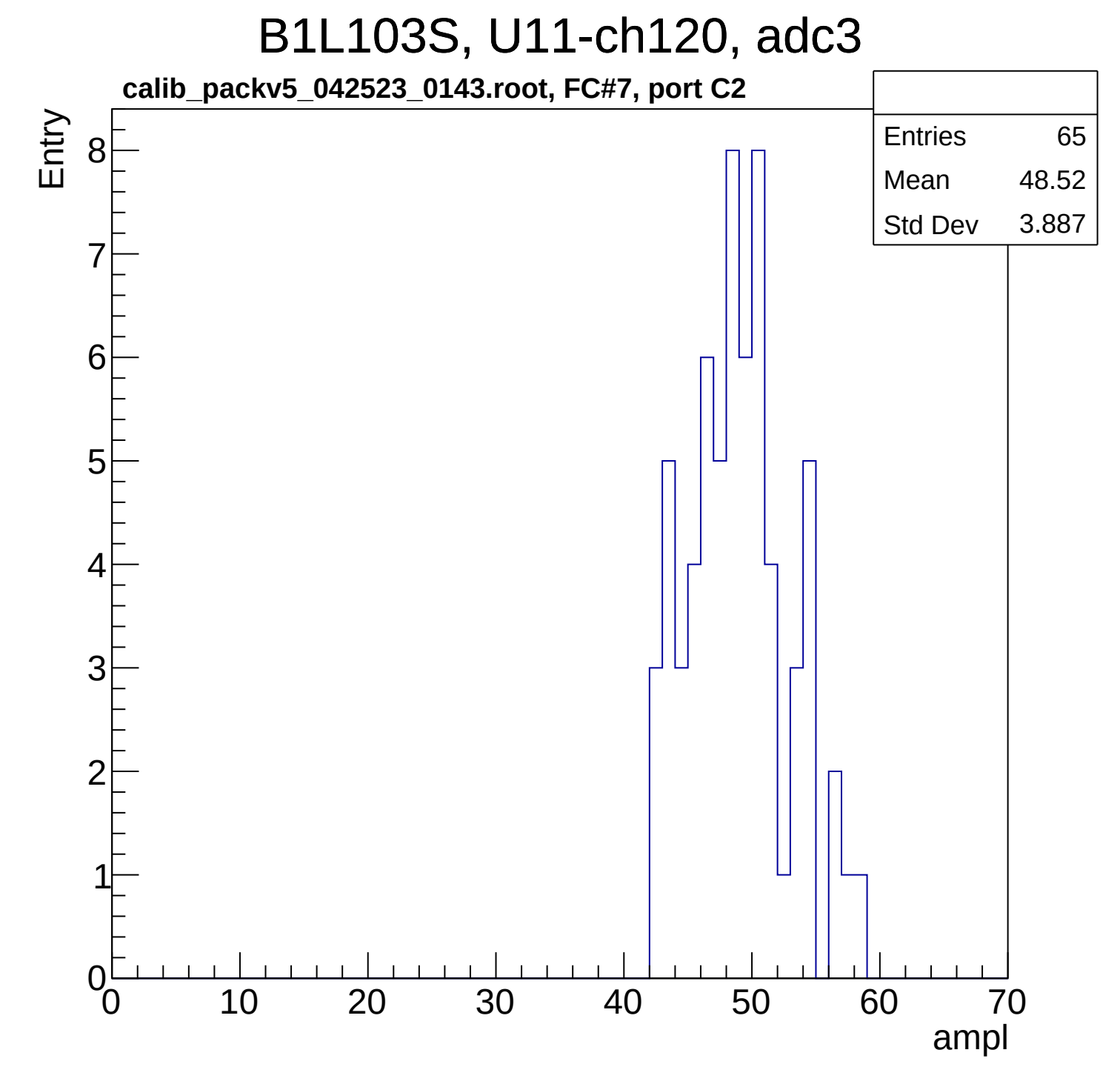
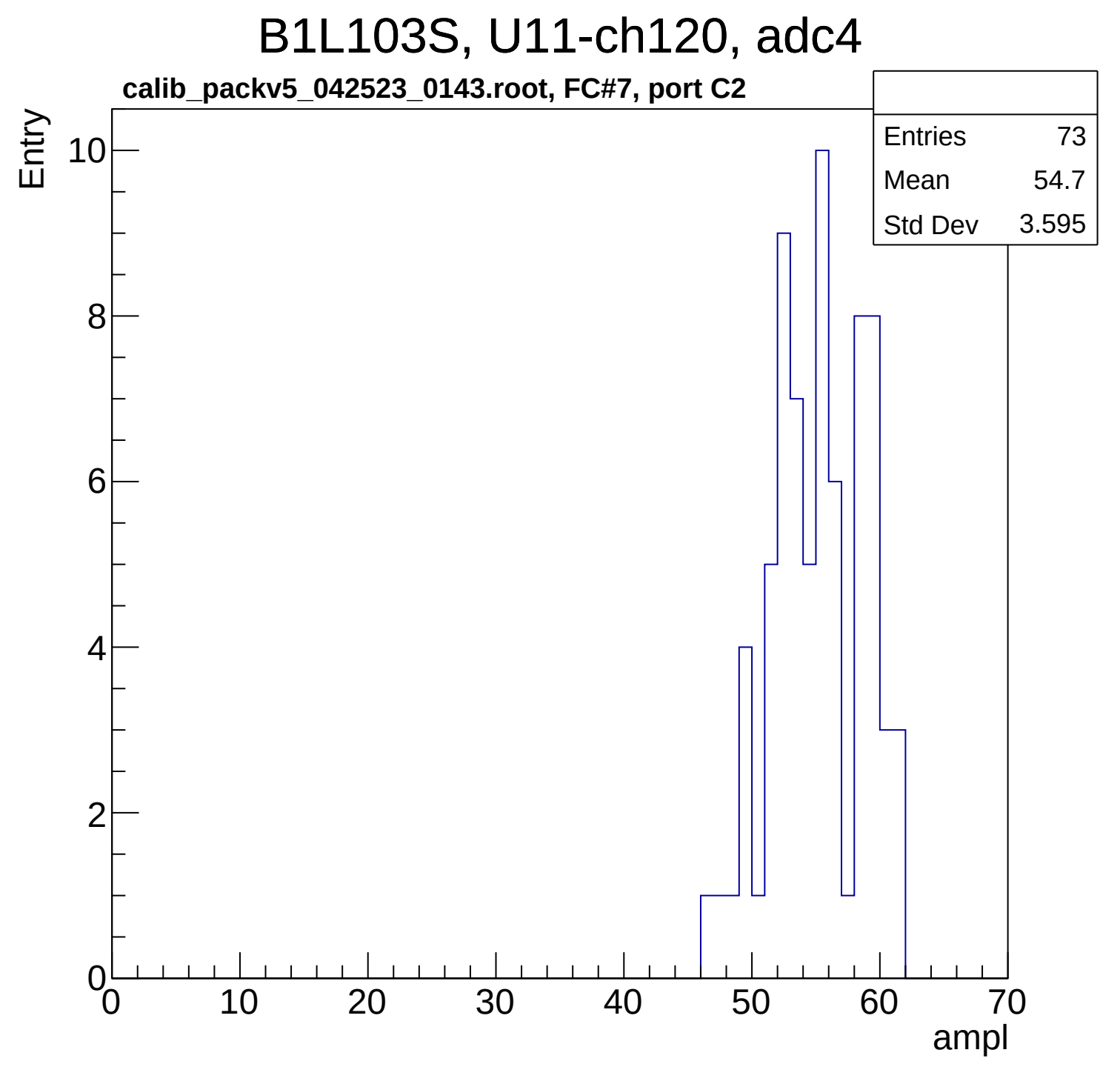
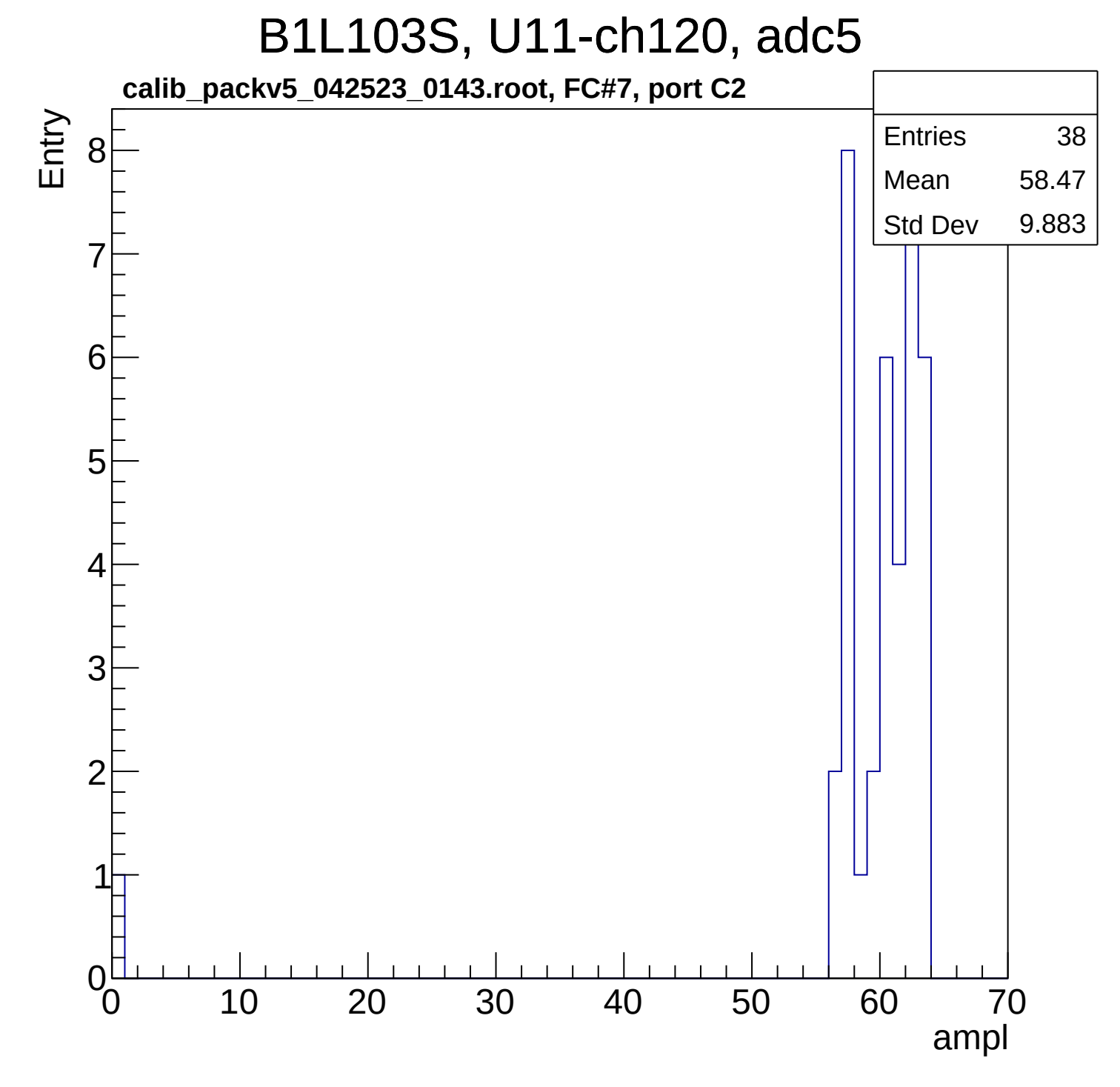

B1L103S, U11-ch120, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 48.52
Std Dev 3.887
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch120, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 54.7
Std Dev 3.595
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch120, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 38
Mean 58.47
Std Dev 9.883
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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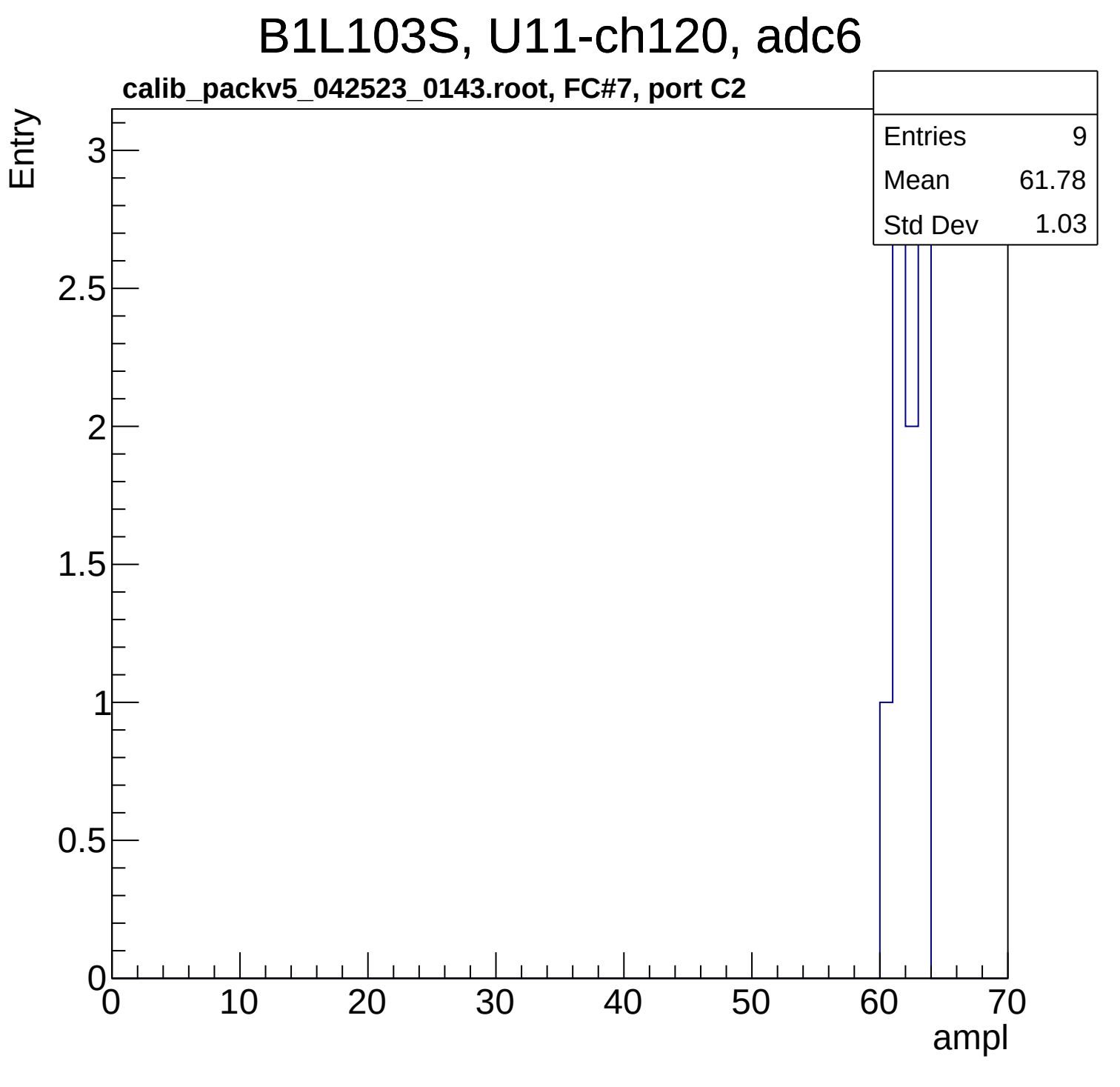
B1L103S, U11-ch120, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 9
Mean 61.78
Std Dev 1.03
Entry
ampl
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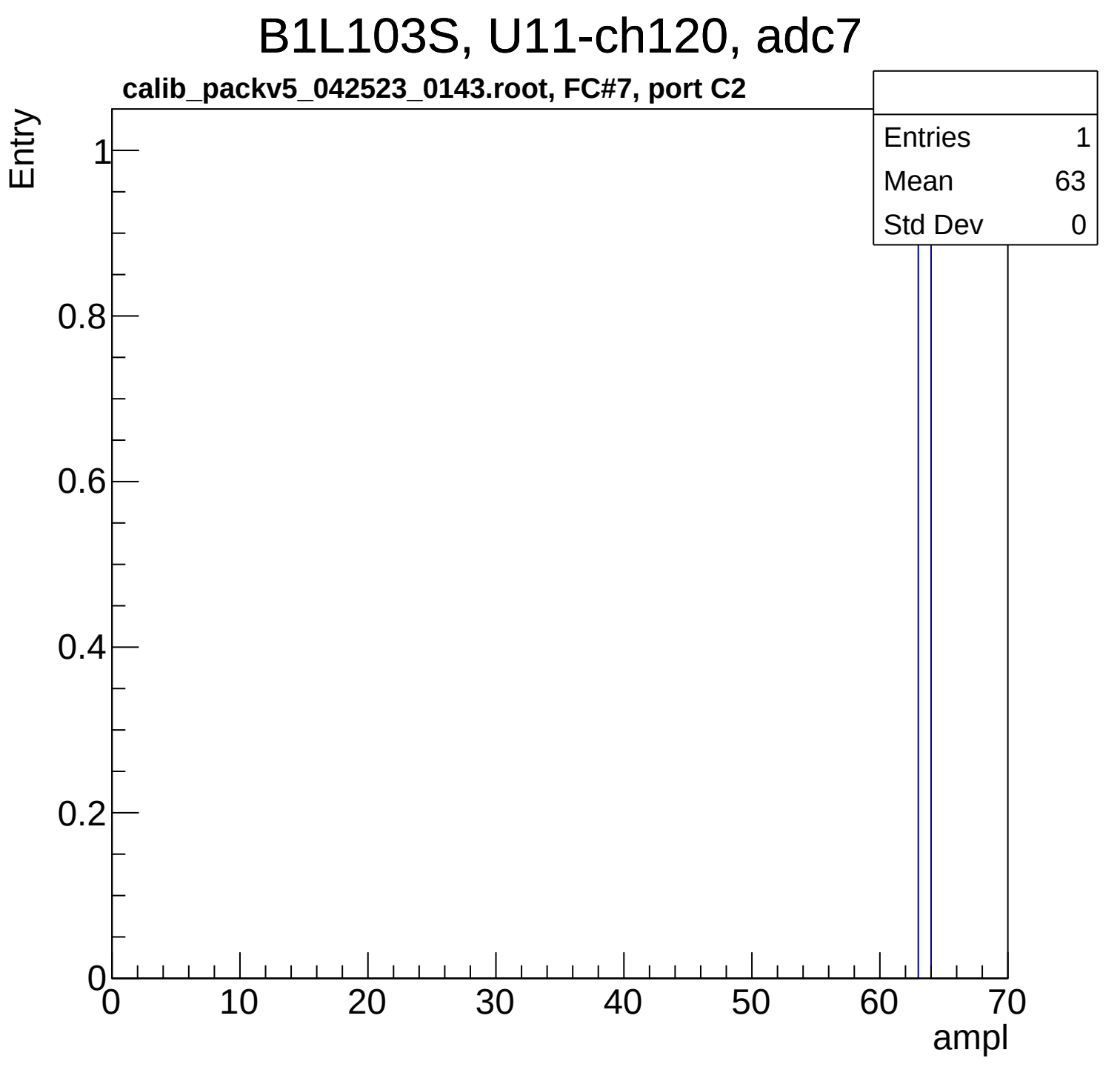
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U11-ch120, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 63
Std Dev 0
Entry
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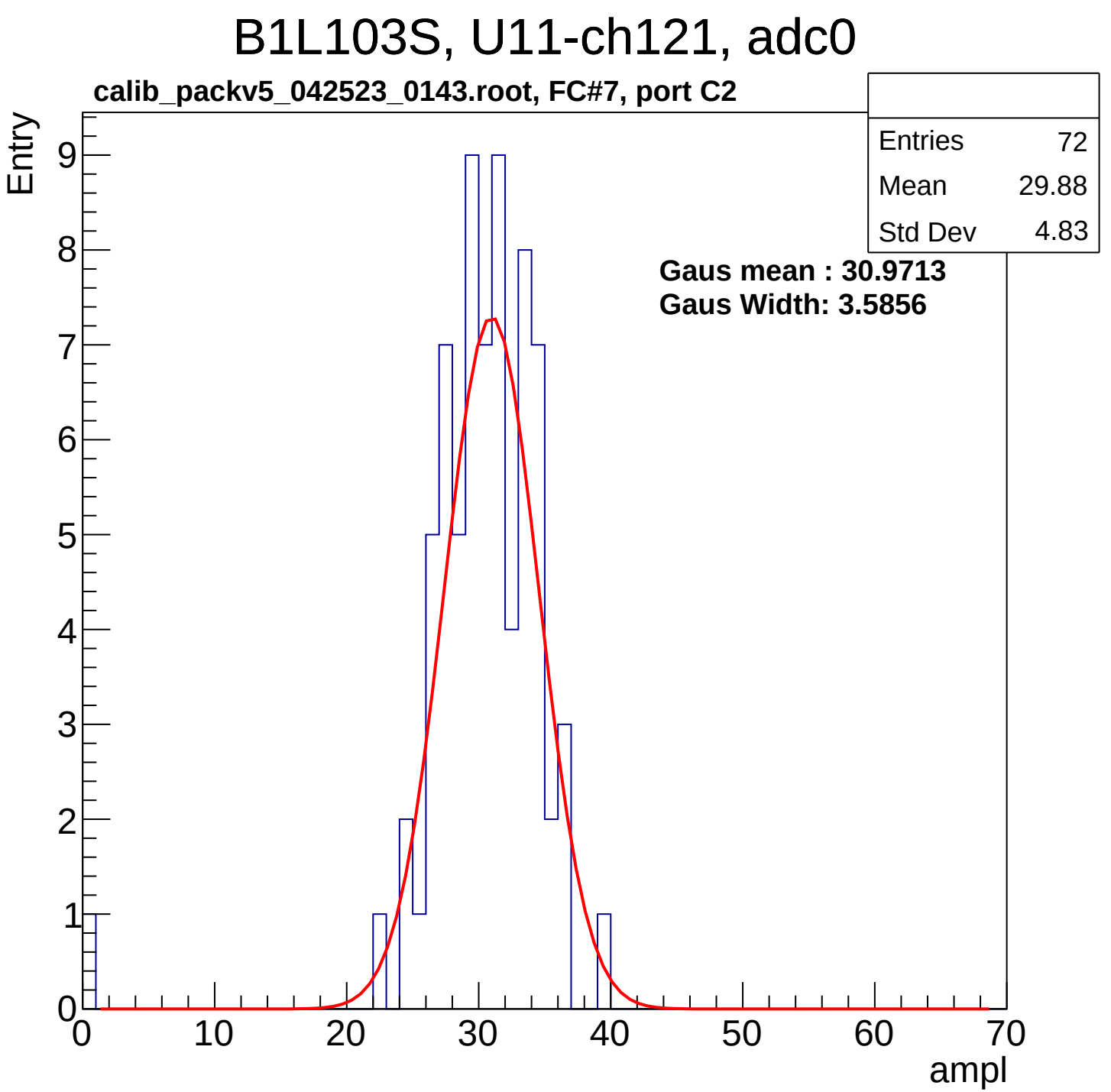
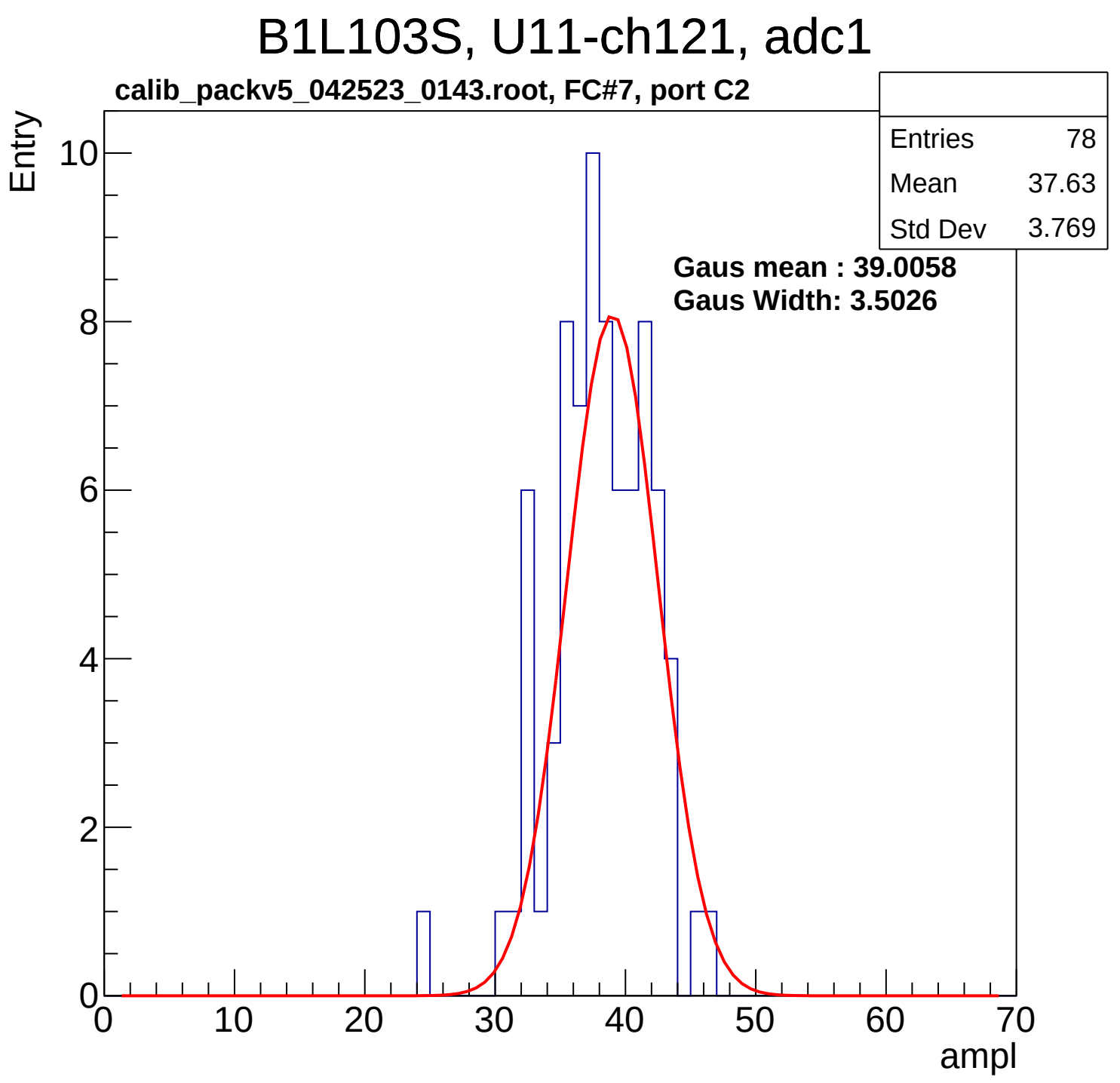
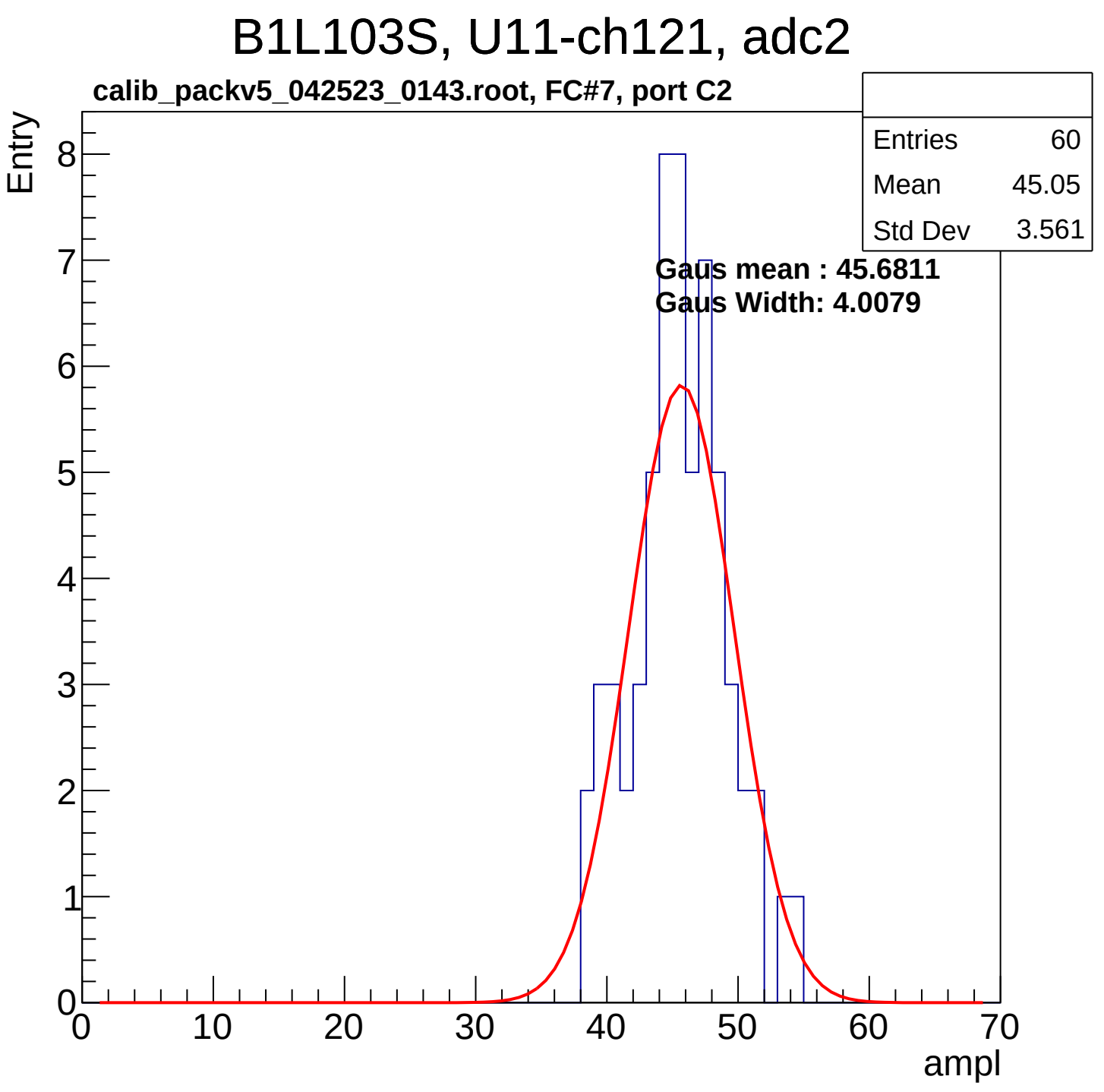
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch121, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 29.88
Std Dev 4.83
Gaus mean : 30.9713
Gaus Width: 3.5856
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch121, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 78
Mean 37.63
Std Dev 3.769
Gaus mean : 39.0058
Gaus Width: 3.5026
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U11-ch121, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 45.05
Std Dev 3.561
Gaus mean : 45.6811
Gaus Width: 4.0079
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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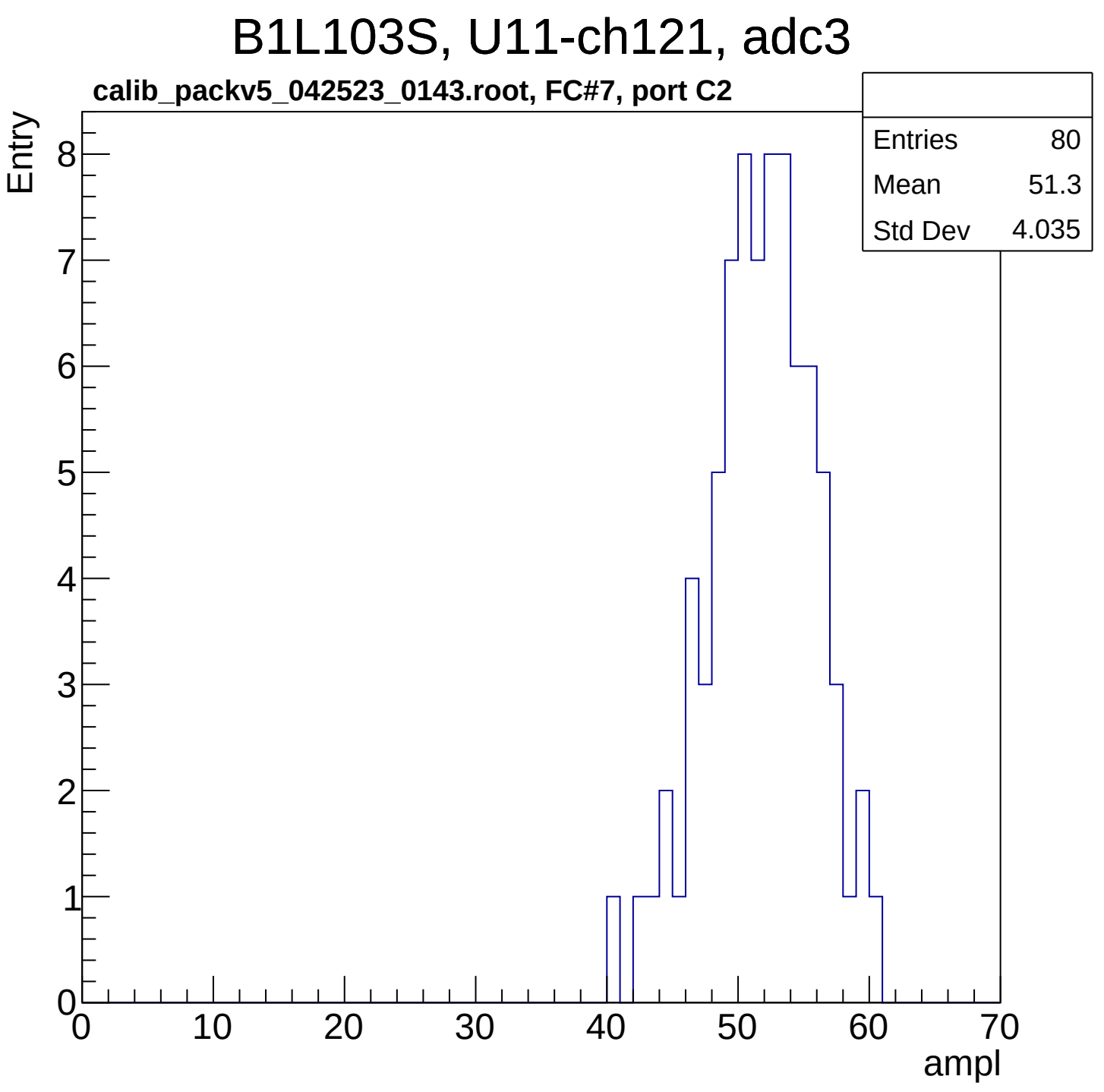
B1L103S, U11-ch121, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 80
Mean 51.3
Std Dev 4.035
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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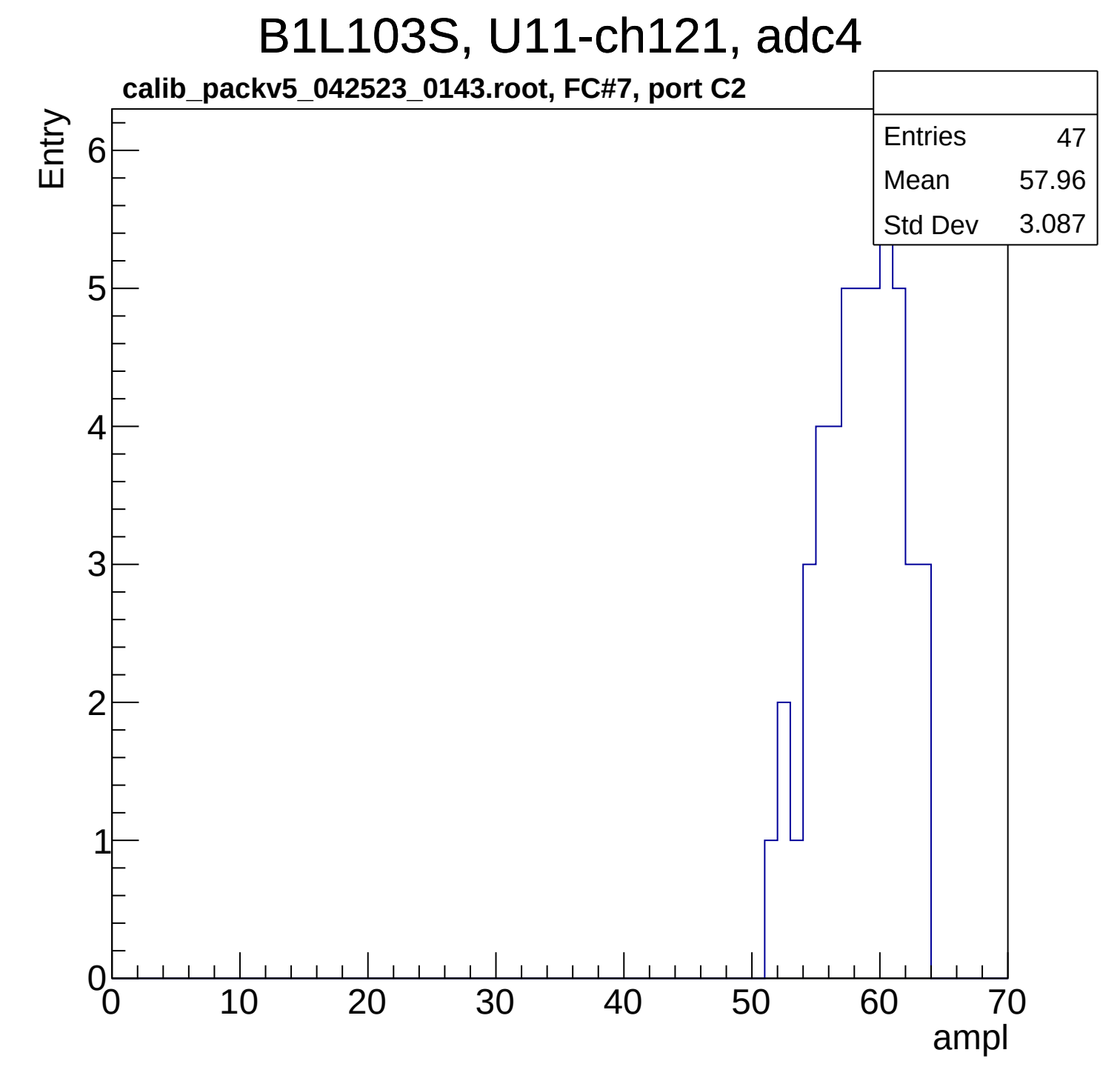
B1L103S, U11-ch121, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 47
Mean 57.96
Std Dev 3.087
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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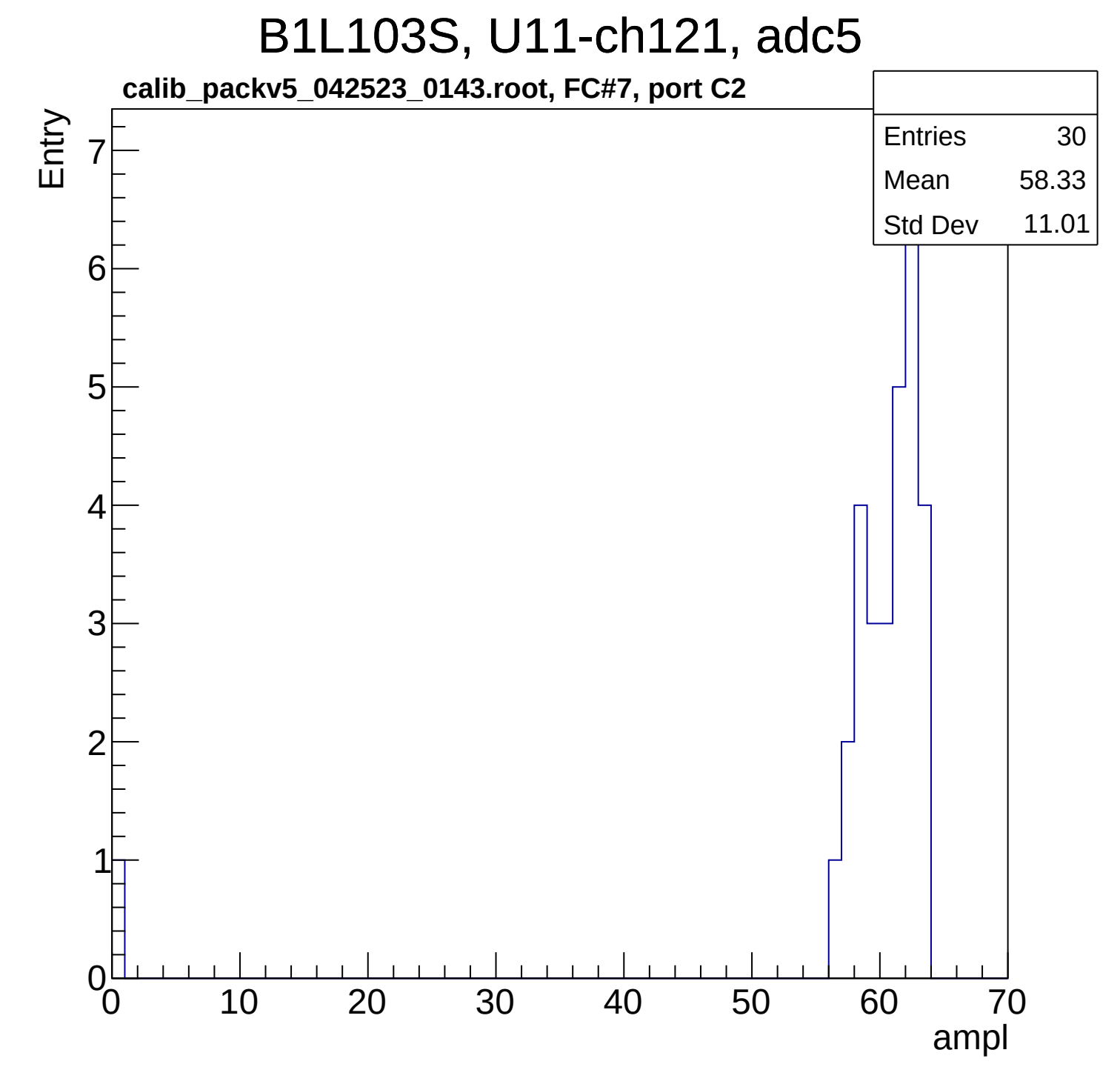
B1L103S, U11-ch121, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 30
Mean 58.33
Std Dev 11.01
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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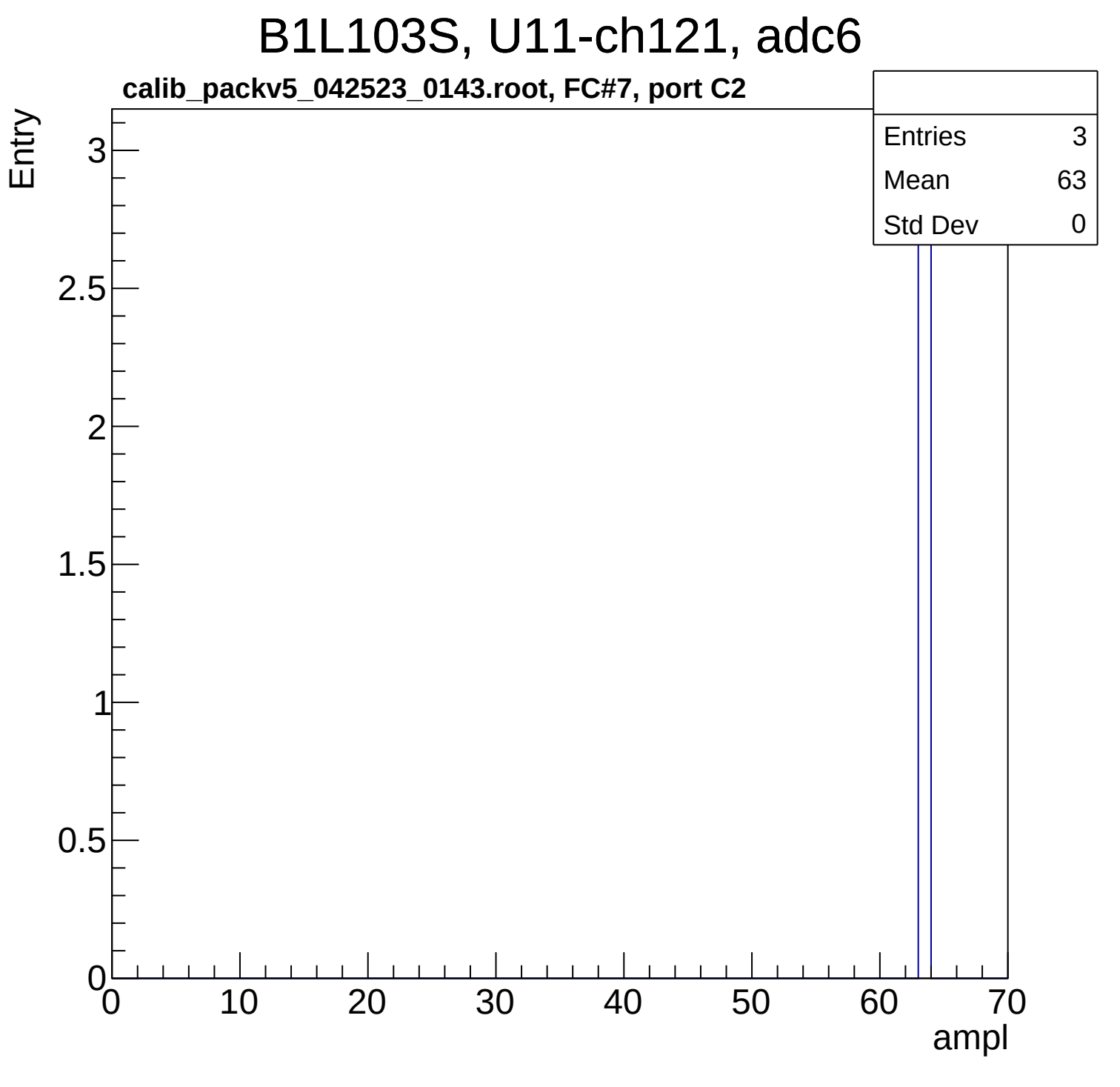
B1L103S, U11-ch121, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 63
Std Dev 0
Entry
ampl
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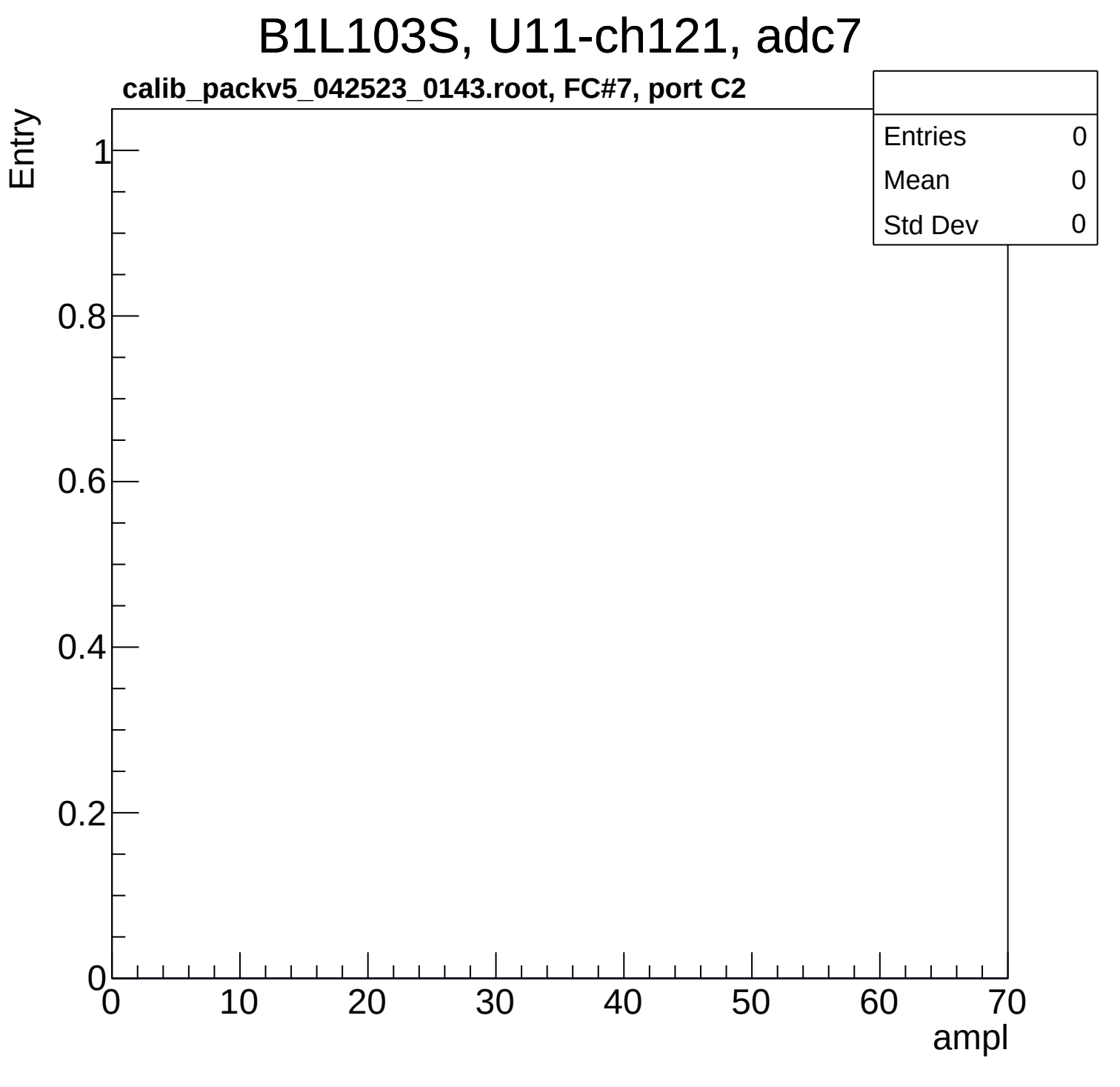
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U11-ch121, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
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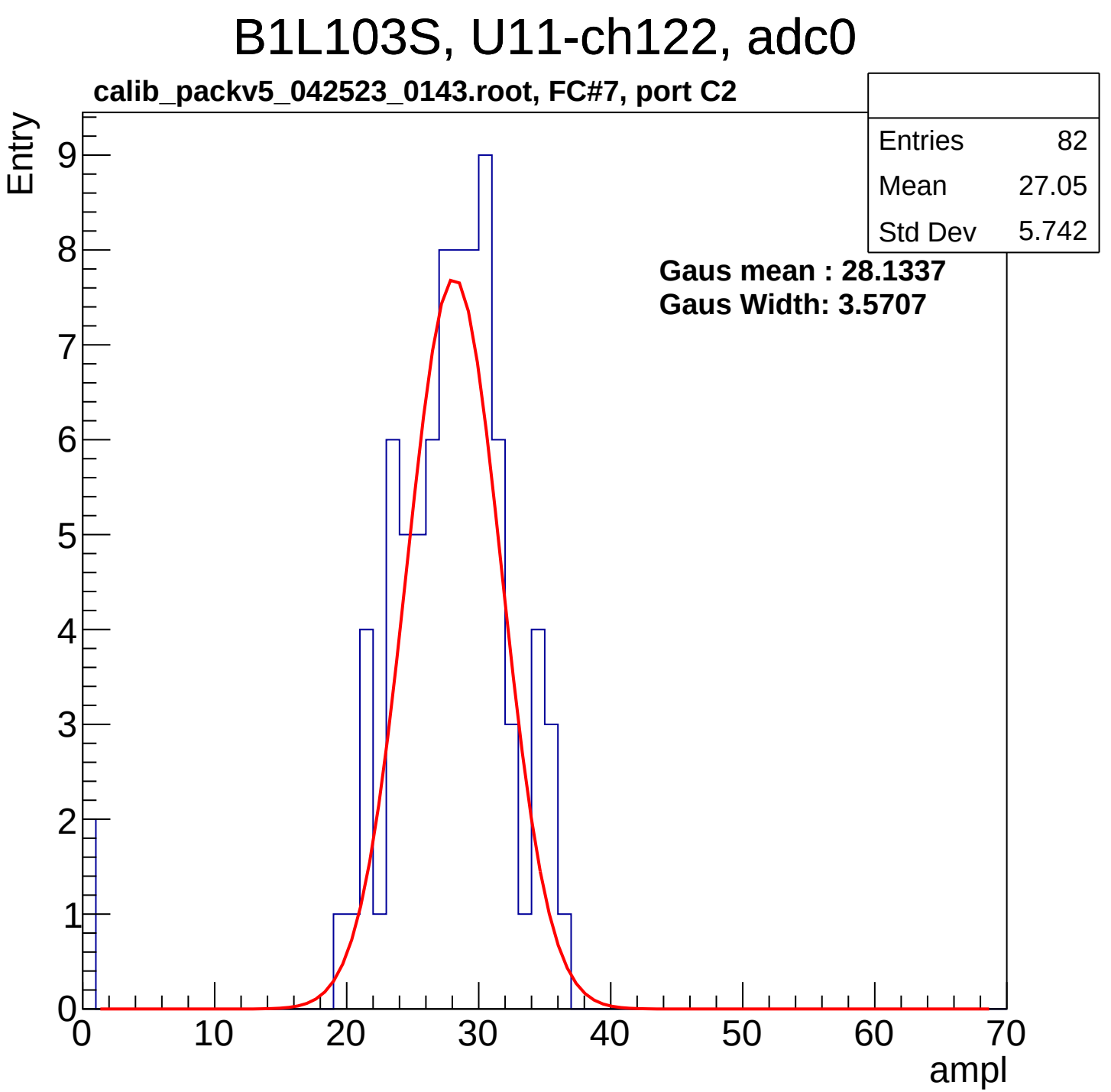
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch122, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 82
Mean 27.05
Std Dev 5.742
Gaus mean : 28.1337
Gaus Width: 3.5707
Entry
ampl
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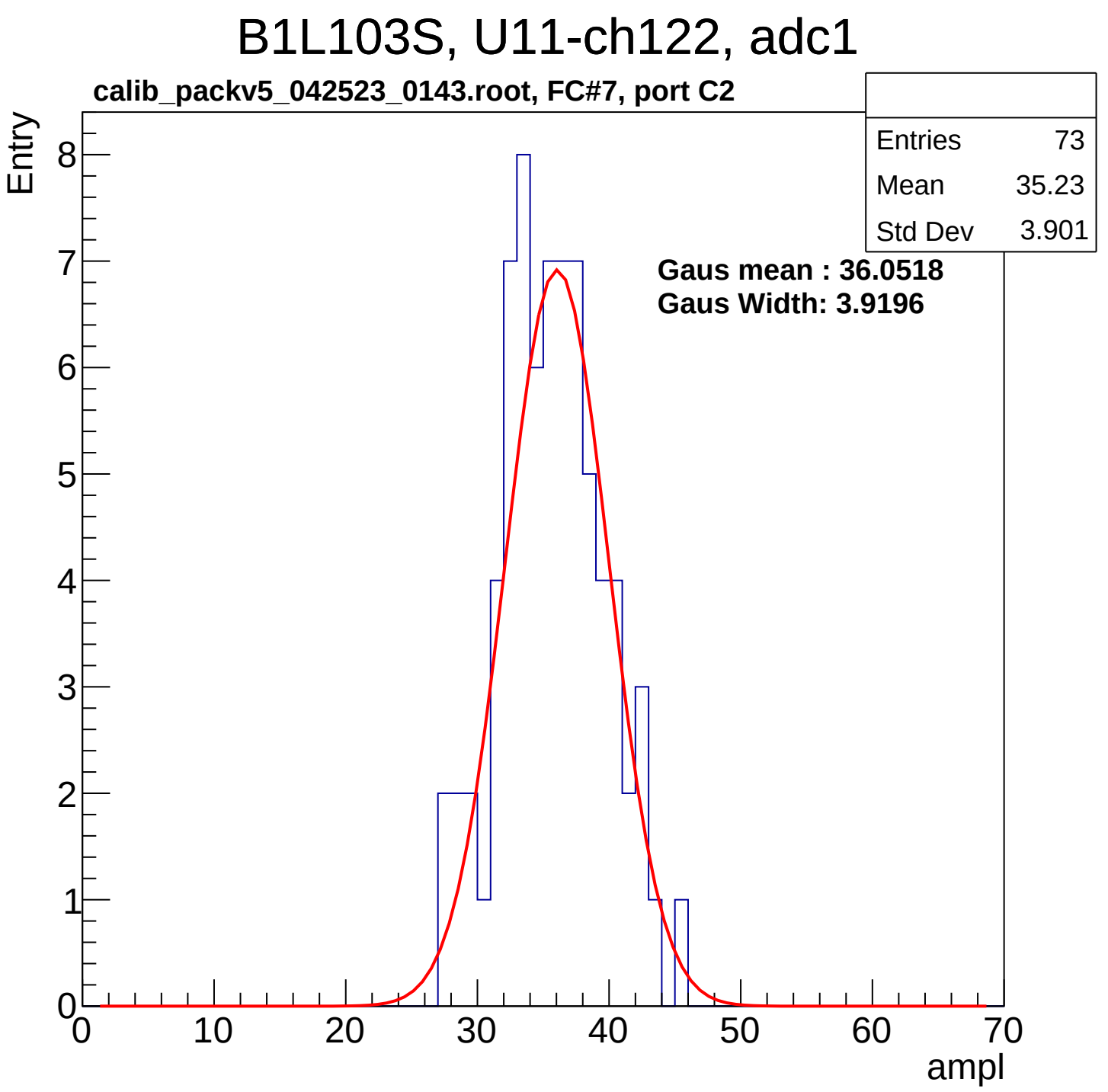
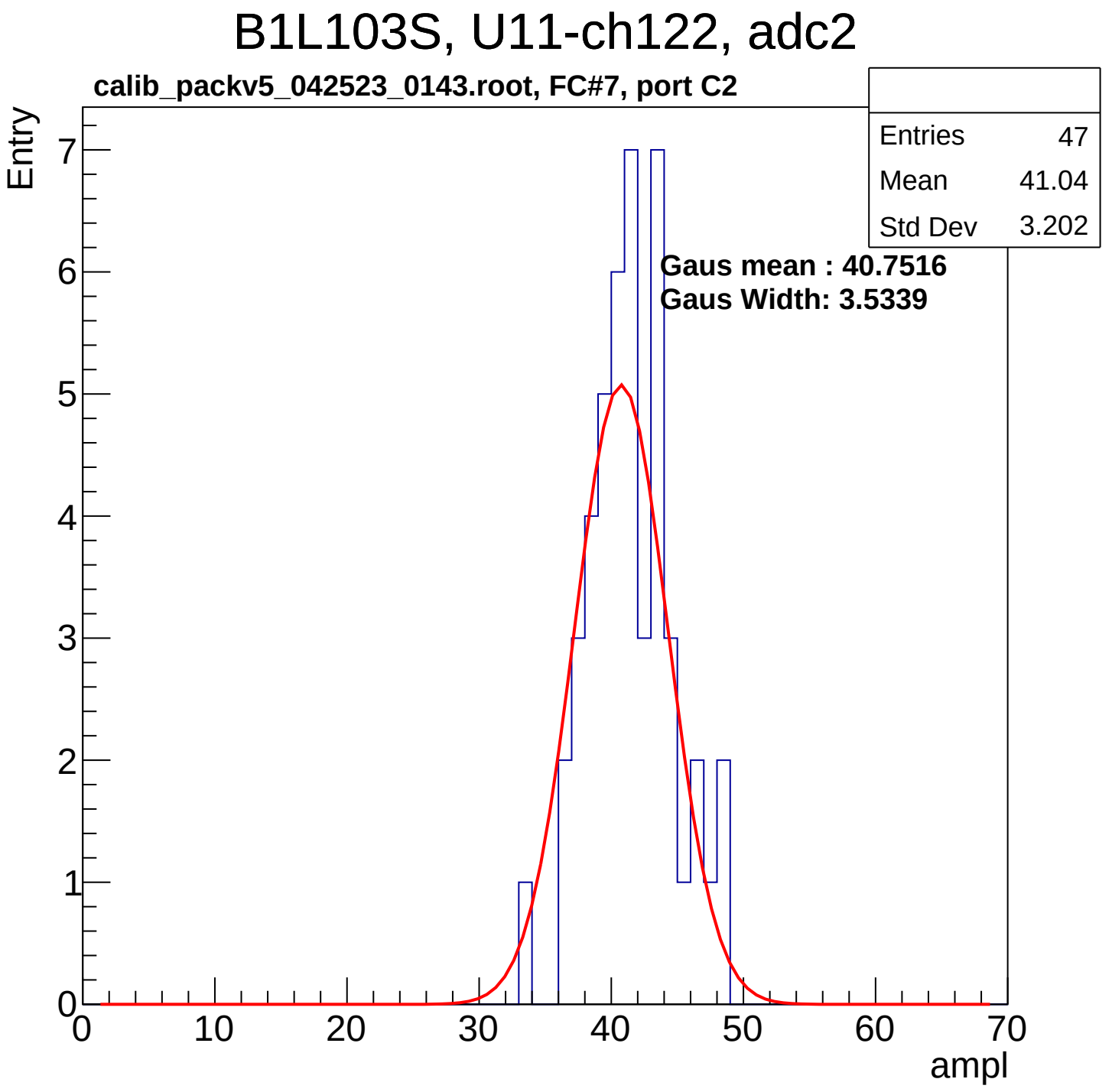
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch122, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 35.23
Std Dev 3.901
Gaus mean : 36.0518
Gaus Width: 3.9196
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch122, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 47
Mean 41.04
Std Dev 3.202
Gaus mean : 40.7516
Gaus Width: 3.5339
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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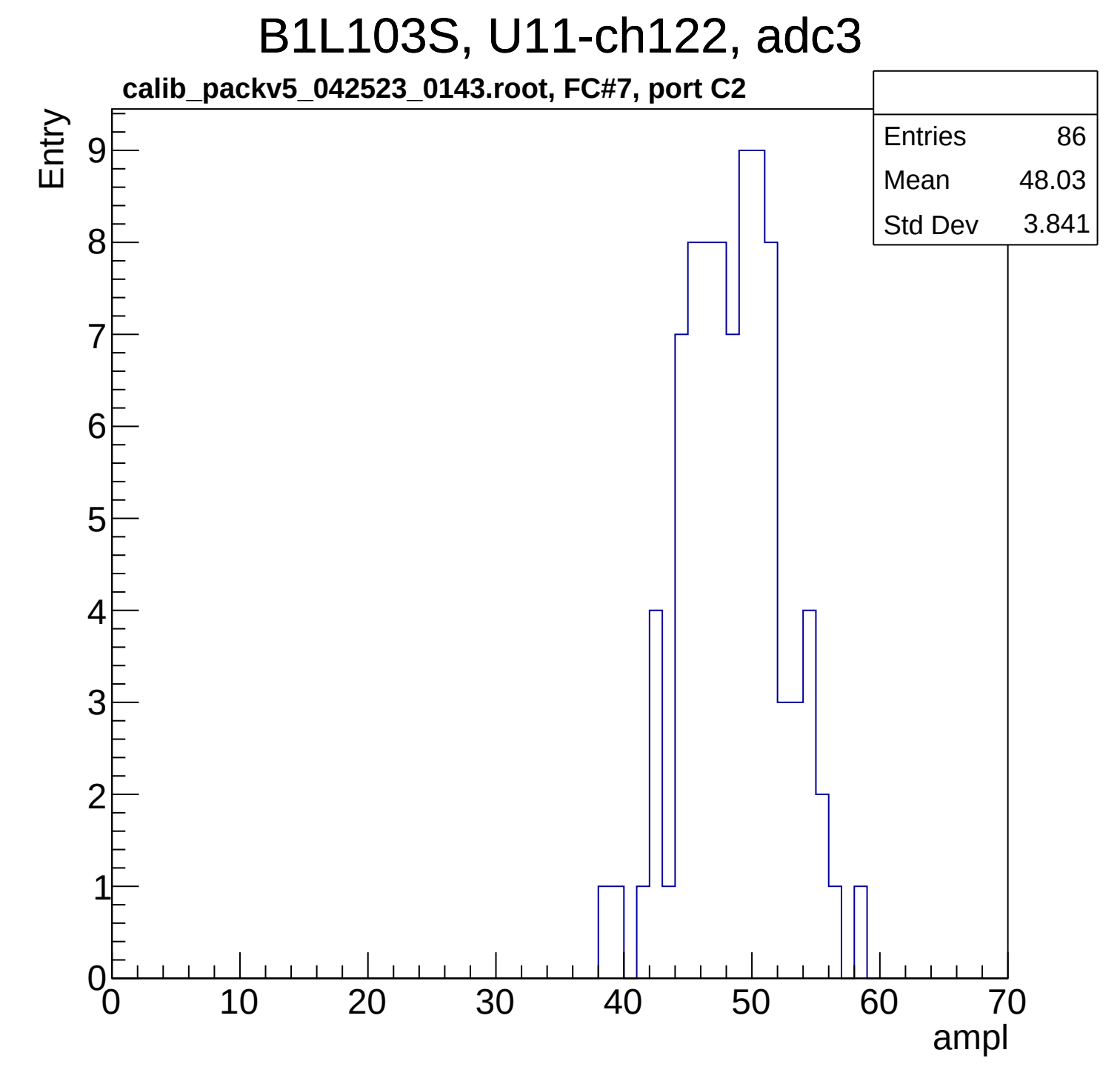
40
50
60
70


B1L103S, U11-ch122, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 86
Mean 48.03
Std Dev 3.841
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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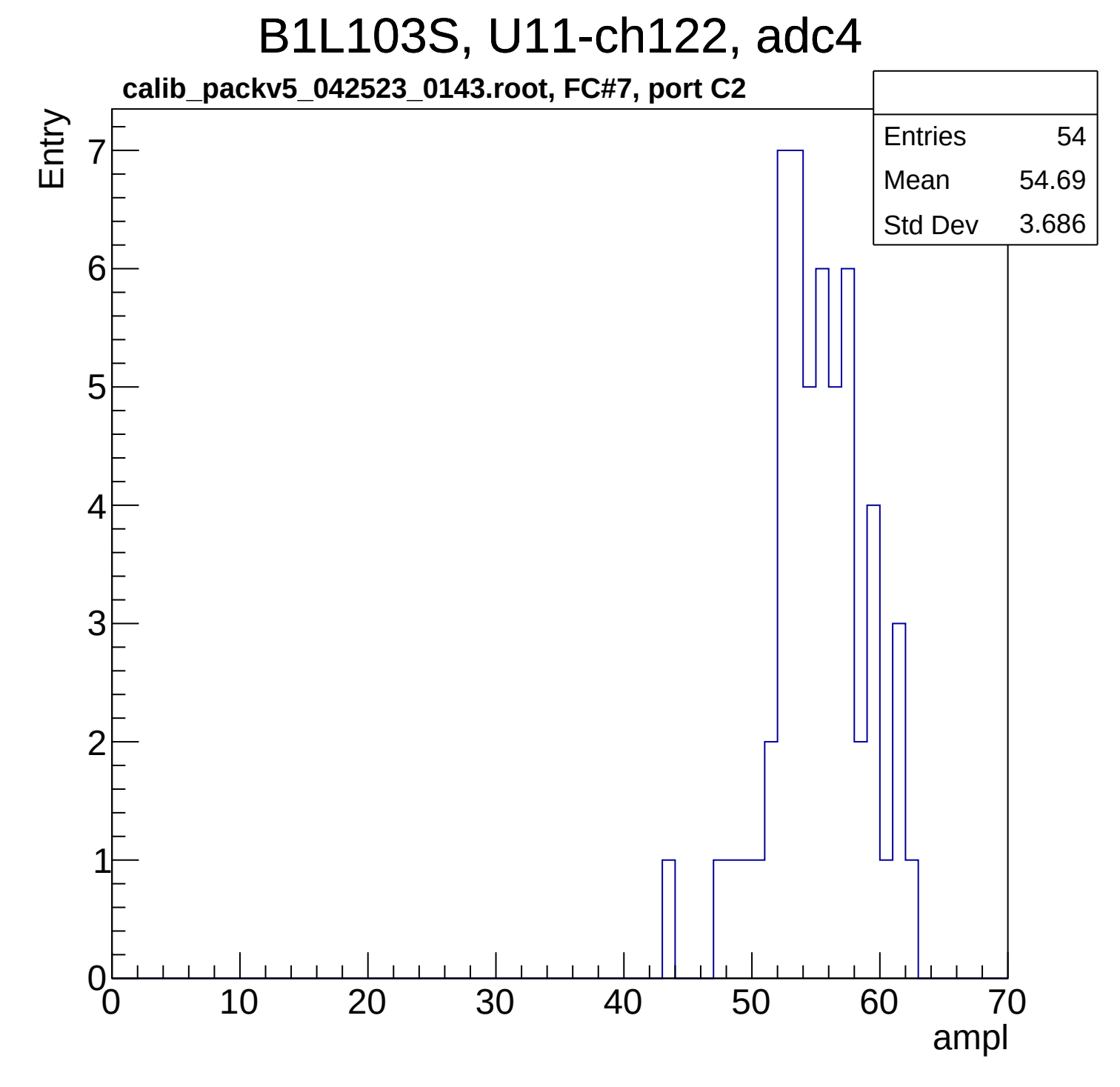
B1L103S, U11-ch122, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 54.69
Std Dev 3.686
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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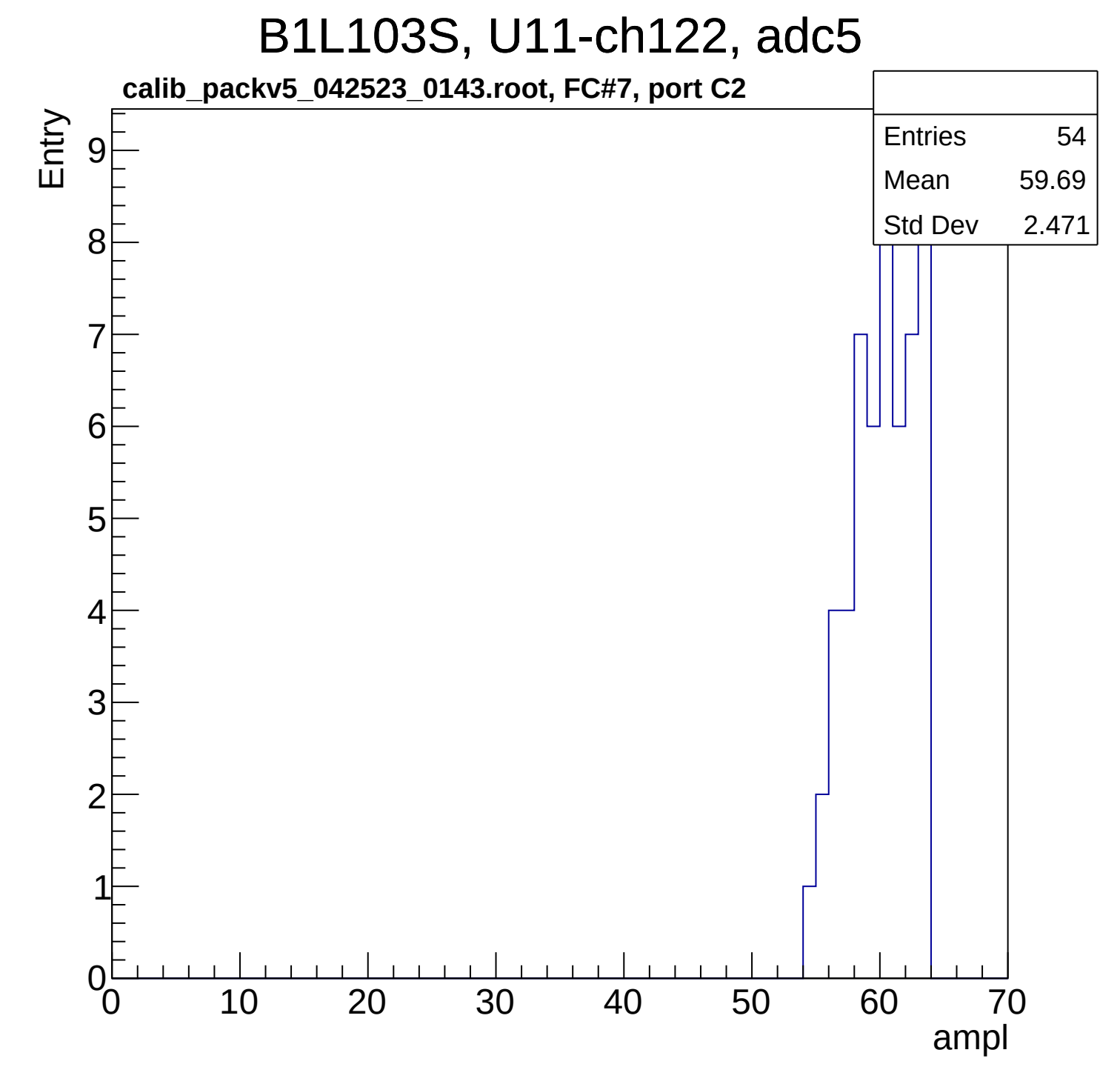
B1L103S, U11-ch122, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 59.69
Std Dev 2.471
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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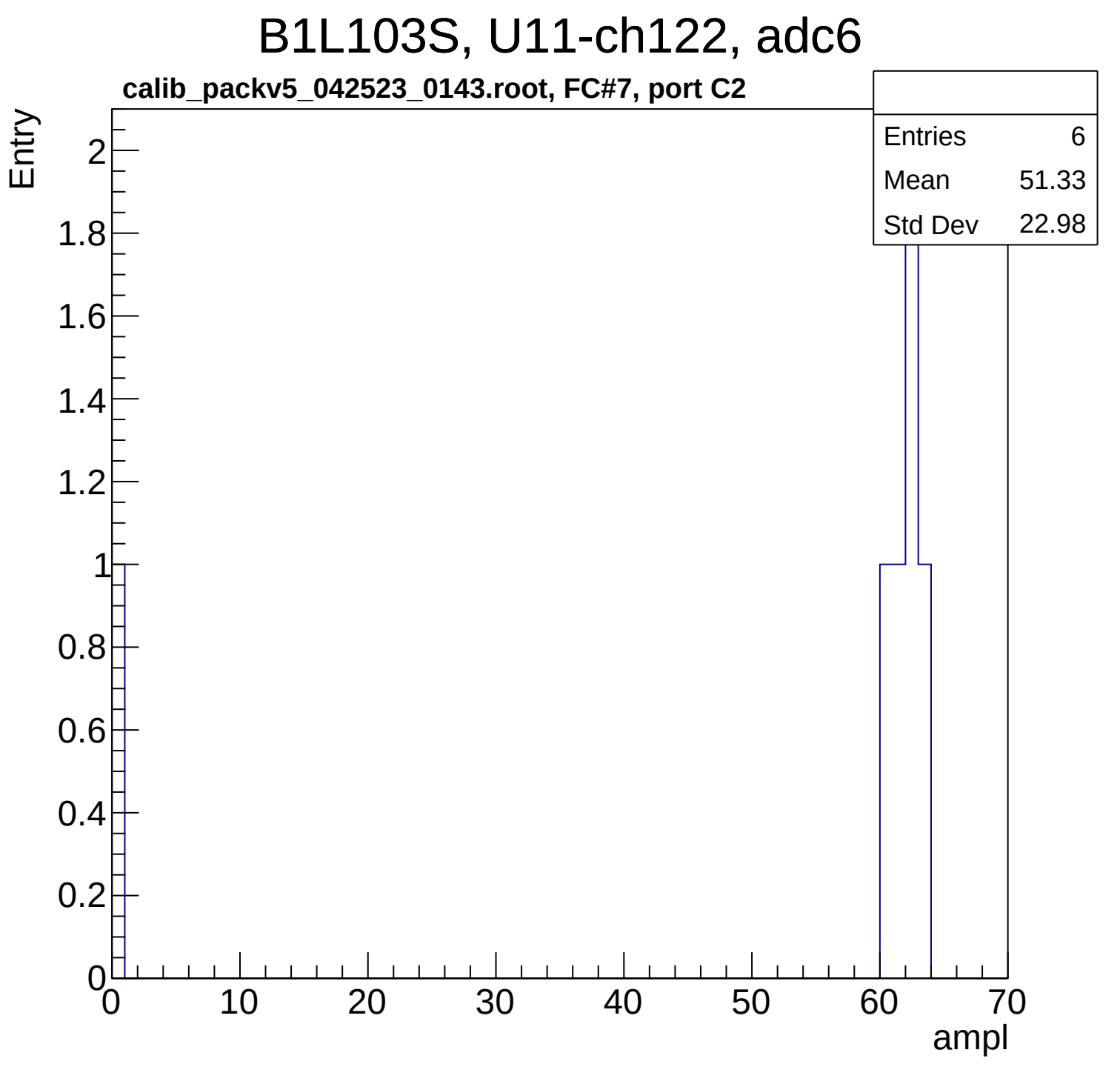
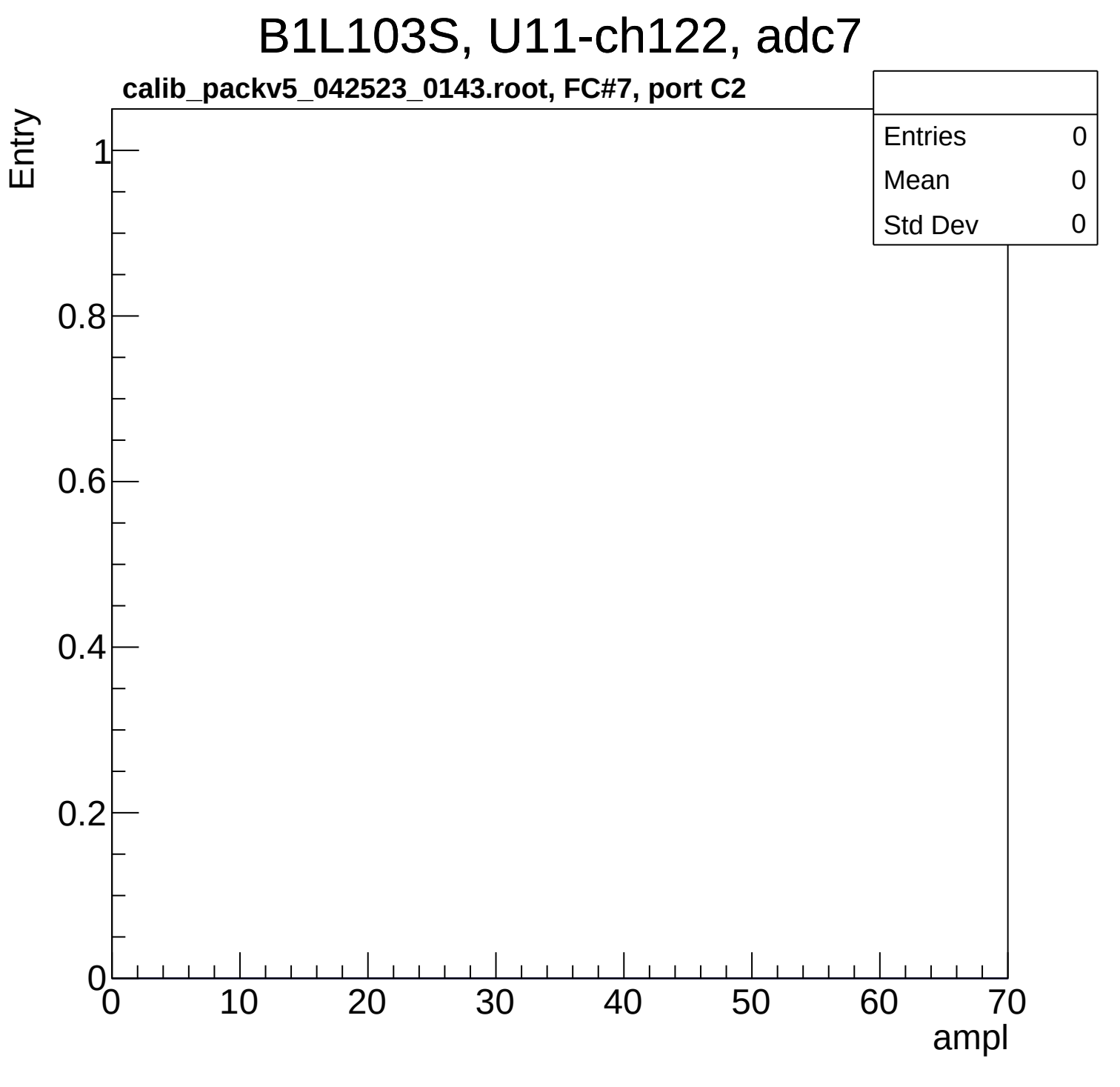
40
50
60
70


B1L103S, U11-ch122, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 6
Mean 51.33
Std Dev 22.98
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


B1L103S, U11-ch122, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
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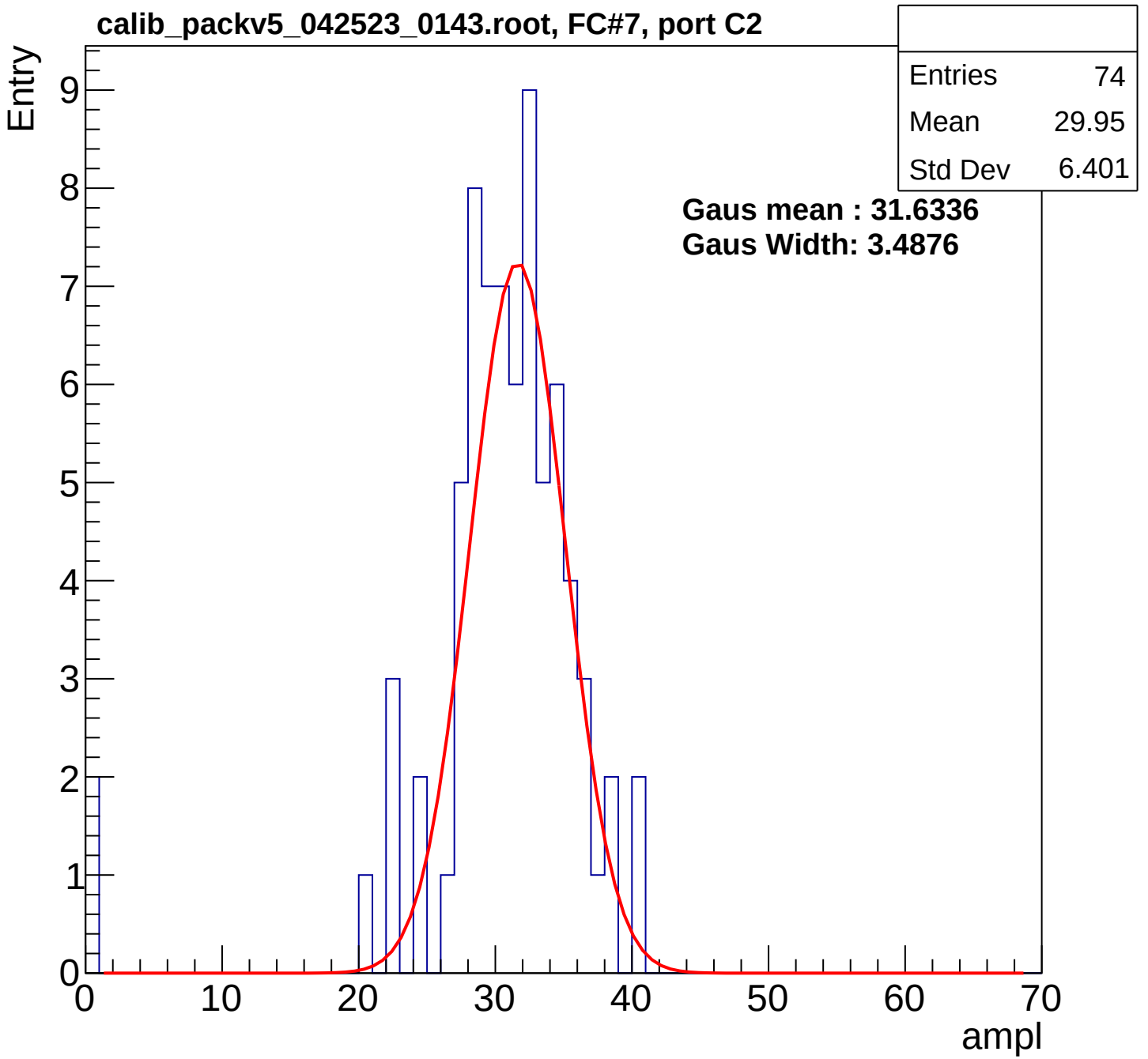
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch123, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 29.95
Std Dev 6.401
Gaus mean : 31.6336
Gaus Width: 3.4876
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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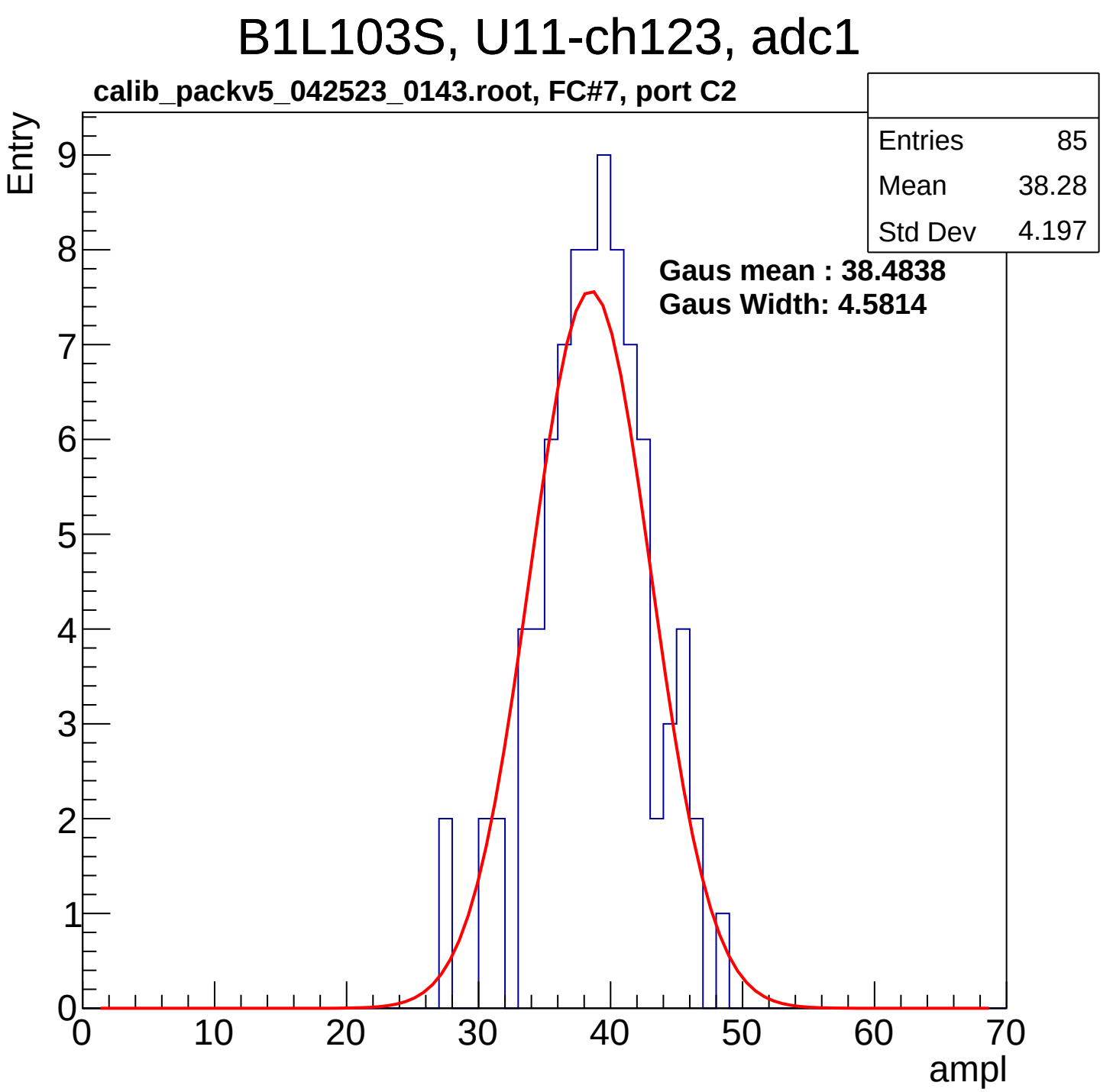
B1L103S, U11-ch123, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 85
Mean 38.28
Std Dev 4.197
Gaus mean : 38.4838
Gaus Width: 4.5814
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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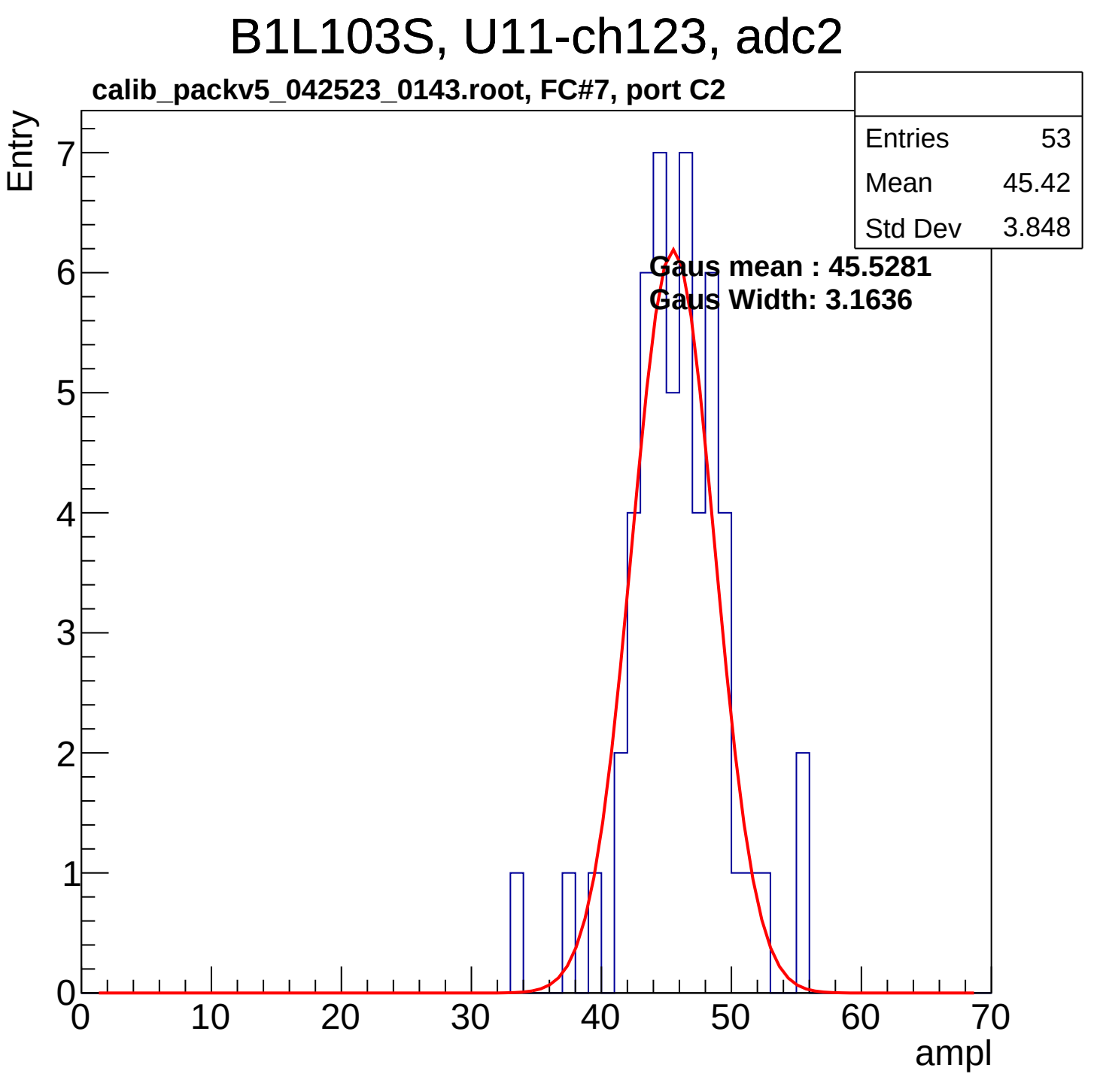
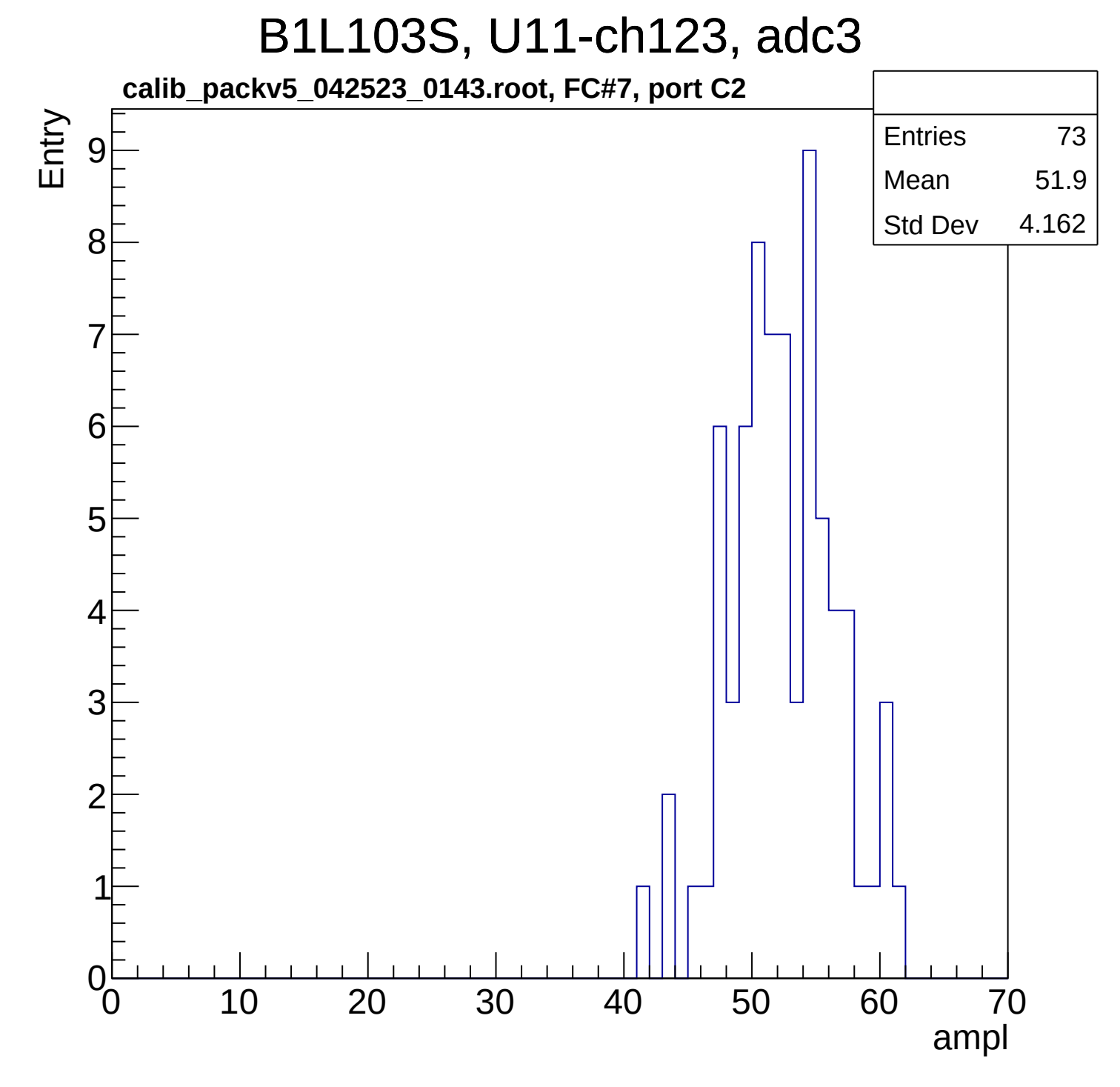

B1L103S, U11-ch123, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 53
Mean 45.42
Std Dev 3.848
Gaus mean : 45.5281
Gaus Width: 3.1636
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U11-ch123, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 51.9
Std Dev 4.162
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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60
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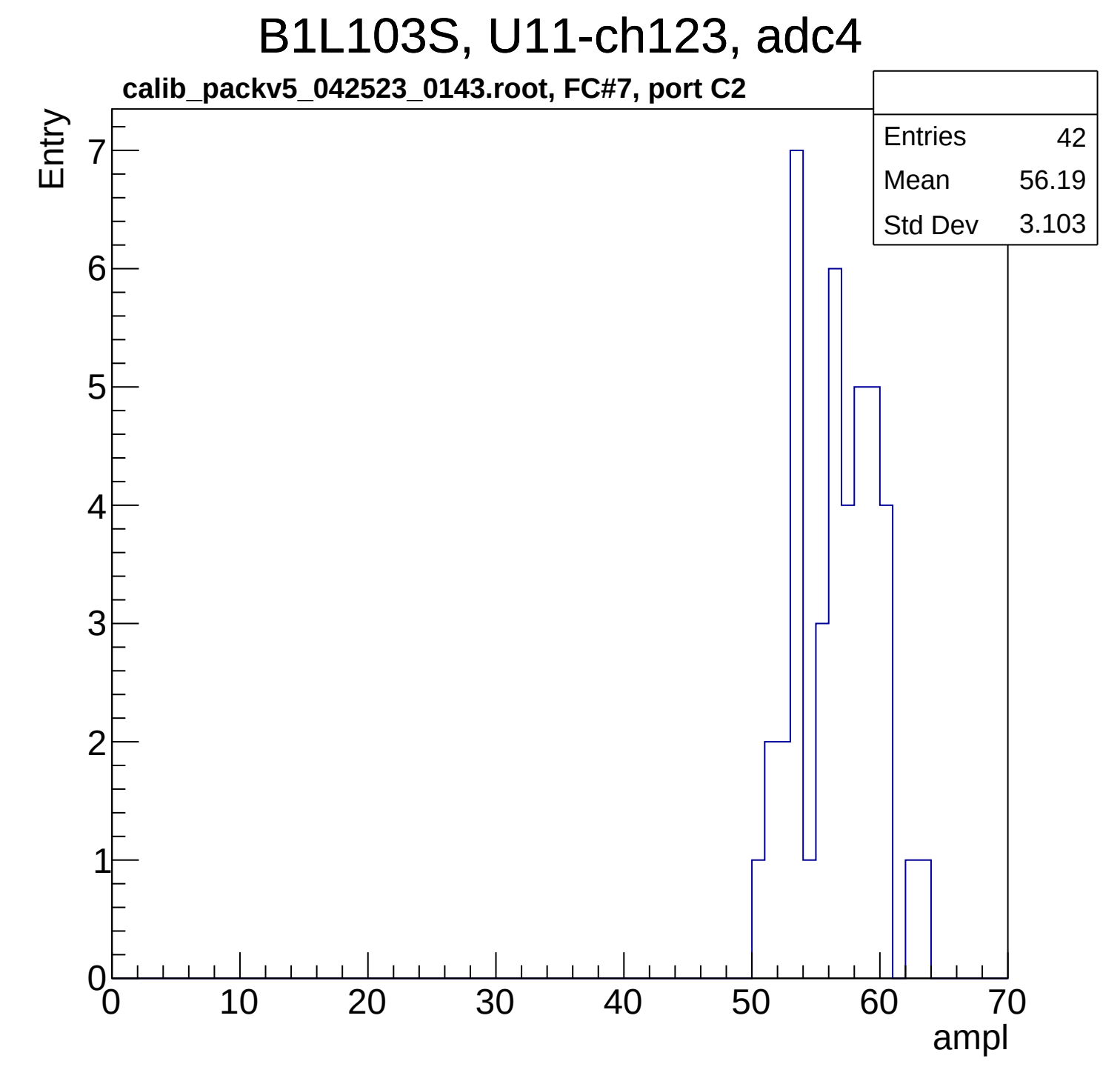
B1L103S, U11-ch123, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 42
Mean 56.19
Std Dev 3.103
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
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60
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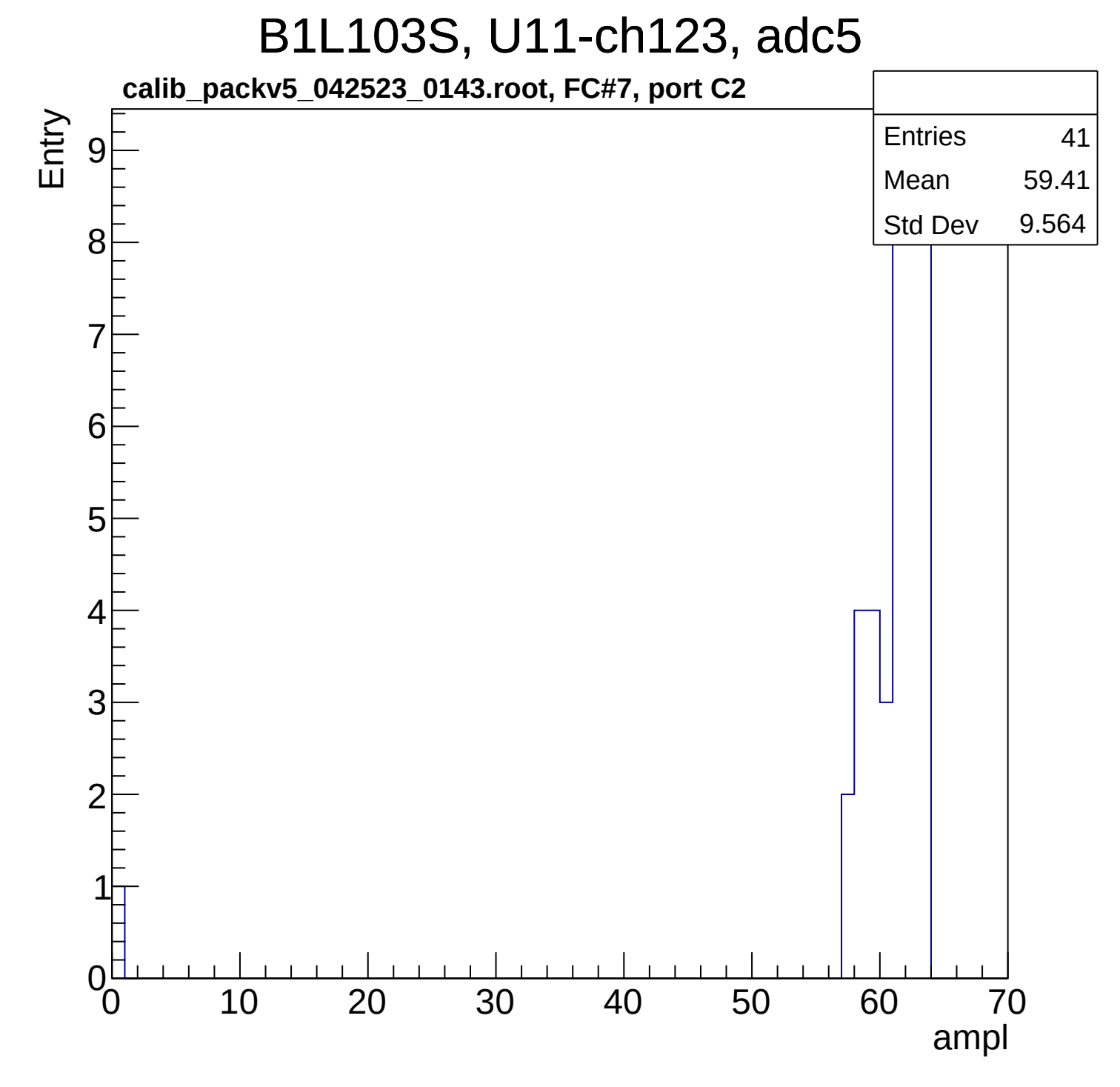
B1L103S, U11-ch123, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 41
Mean 59.41
Std Dev 9.564
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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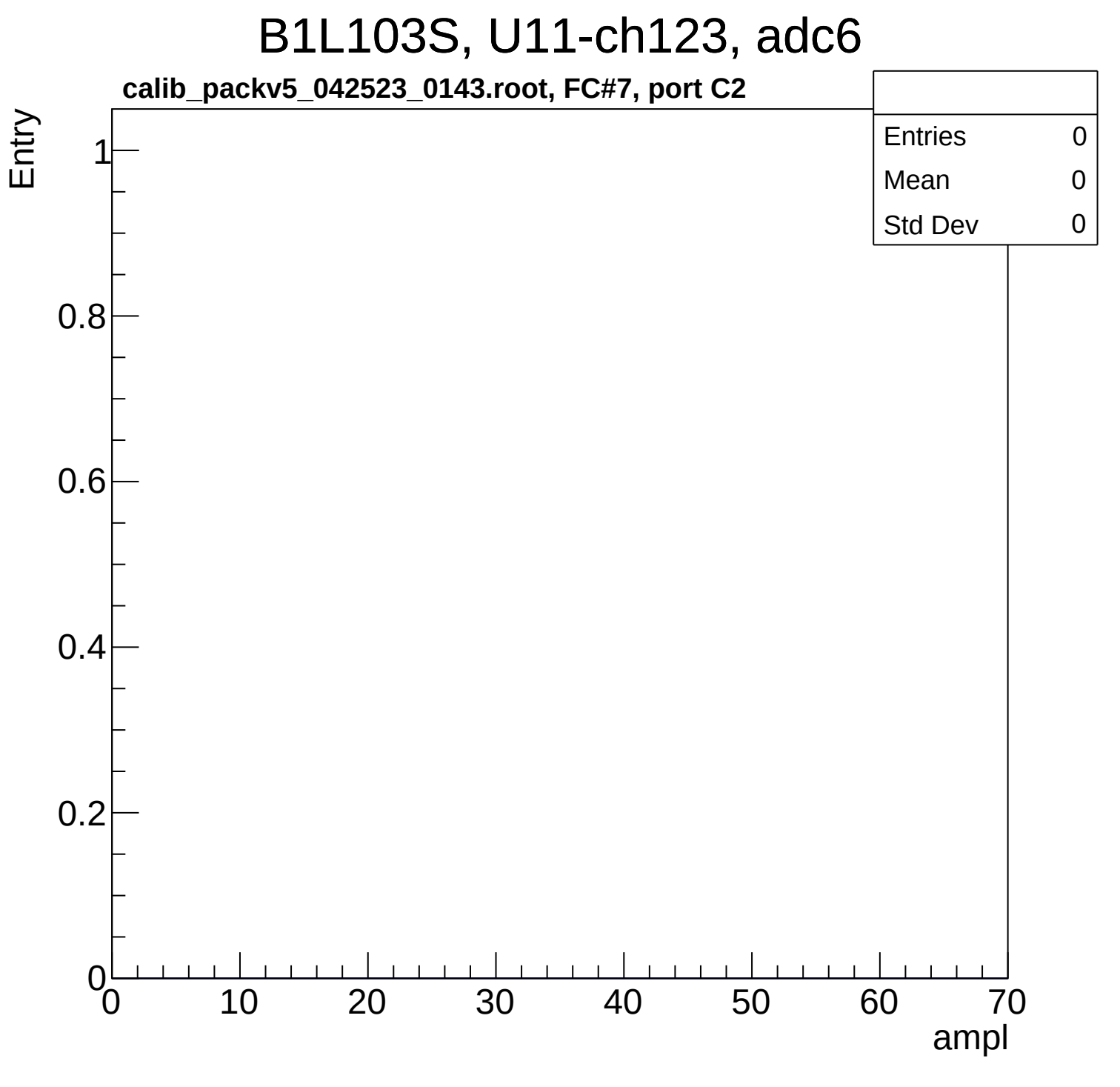
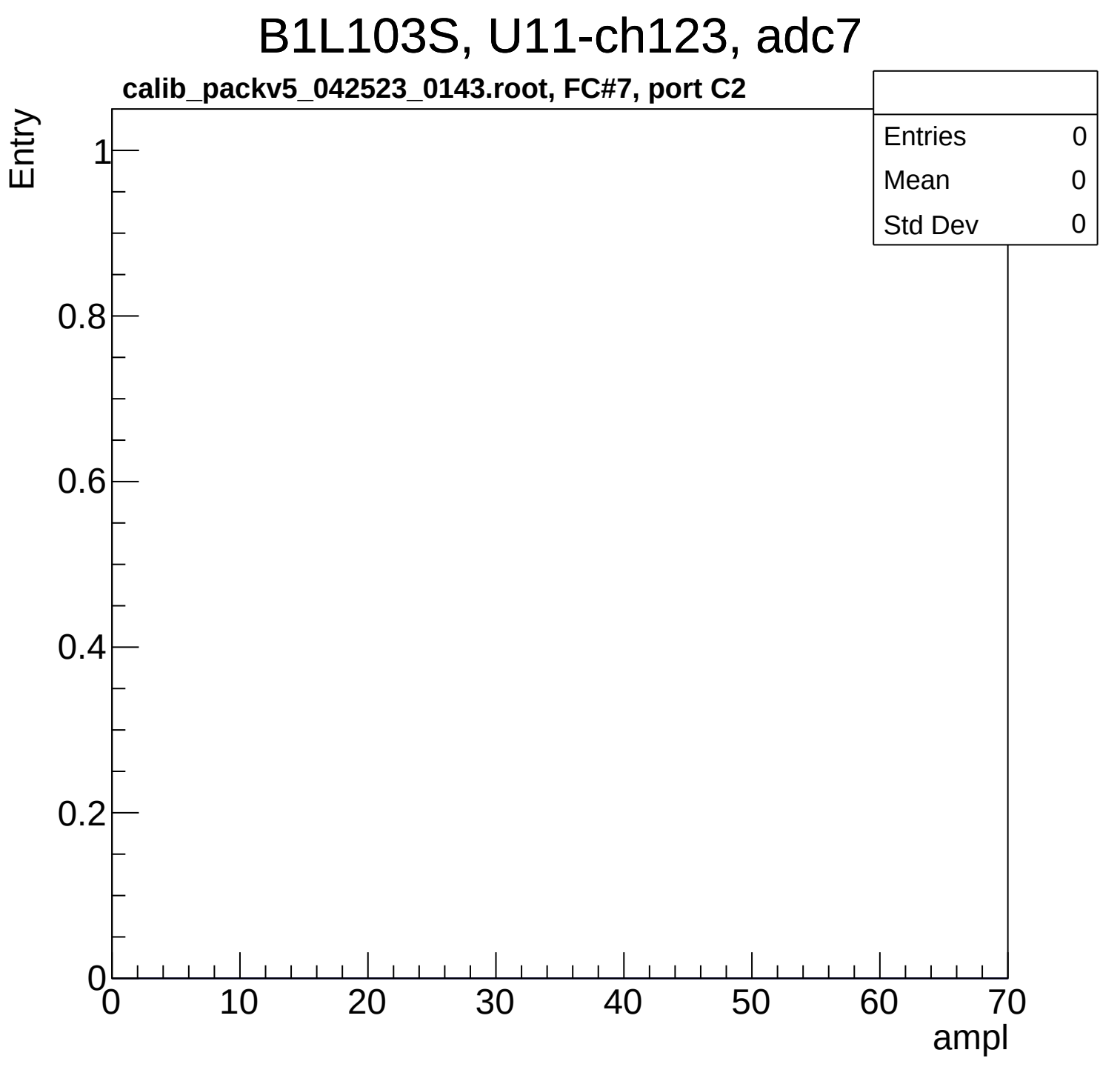
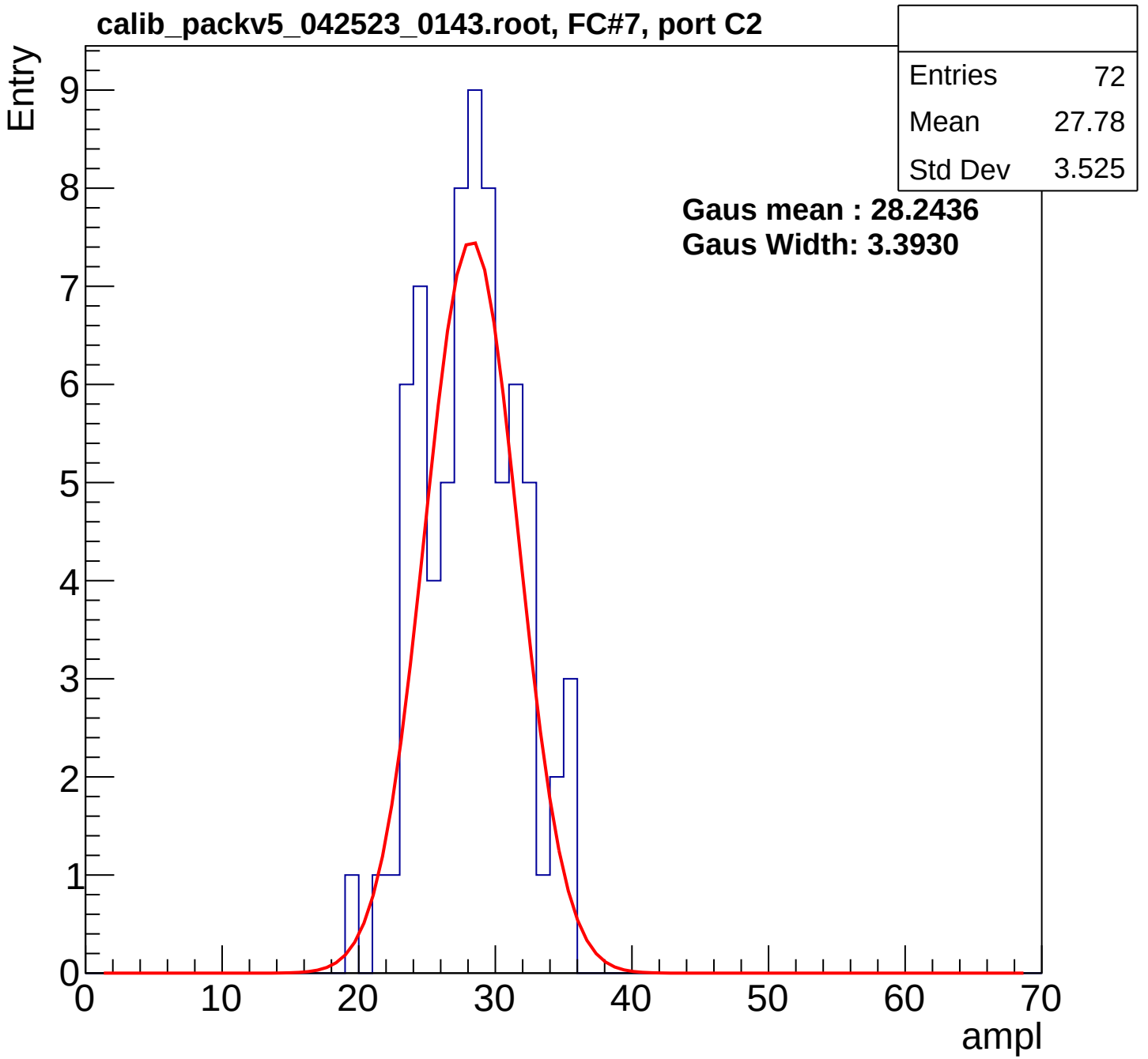

B1L103S, U11-ch123, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch123, adc7
calib_packv5_042523_0143.root, FC#7, port C2
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


B1L103S, U11-ch124, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 27.78
Std Dev 3.525
Gaus mean : 28.2436
Gaus Width: 3.3930
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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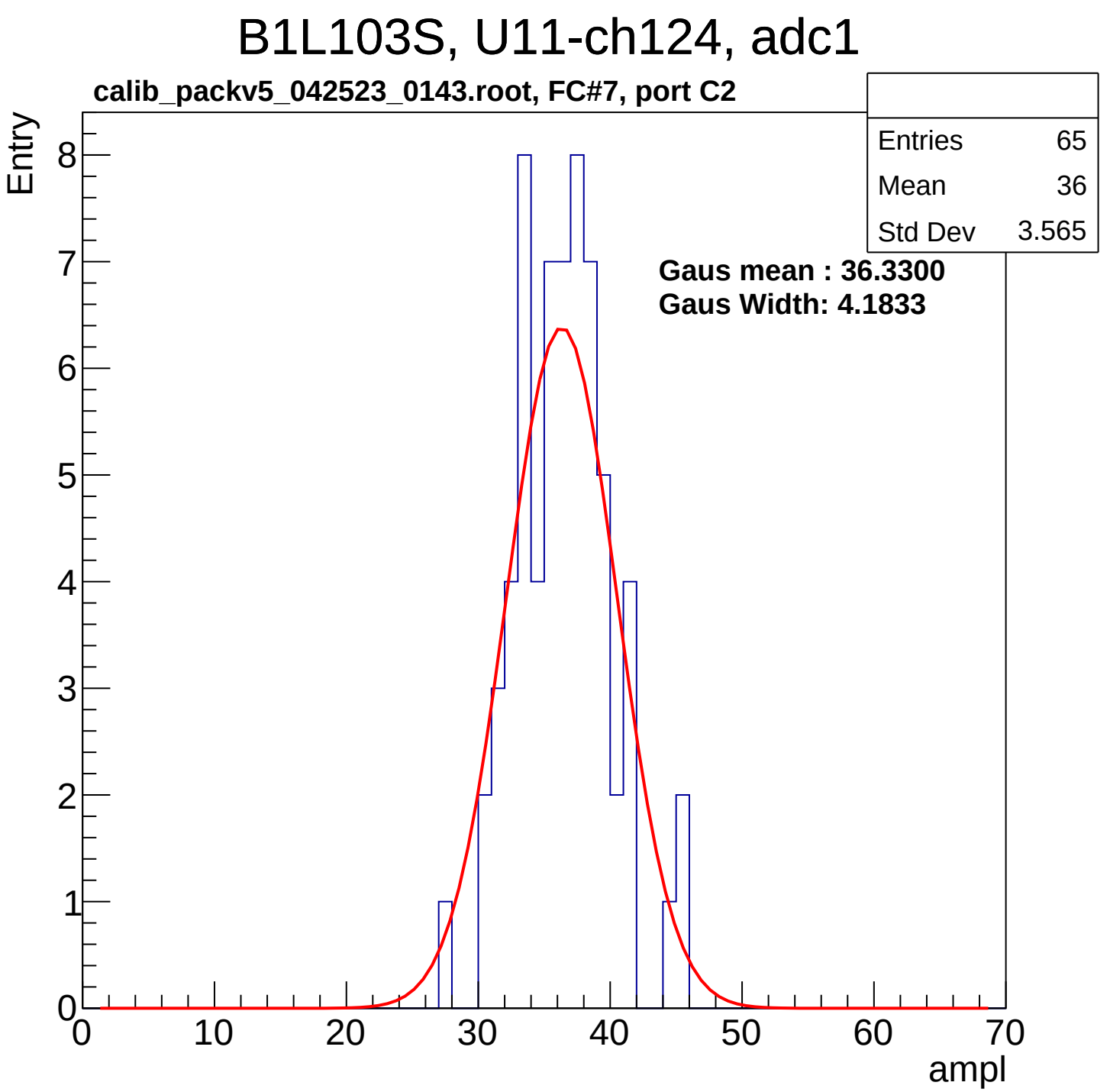
B1L103S, U11-ch124, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 36
Std Dev 3.565
Gaus mean : 36.3300
Gaus Width: 4.1833
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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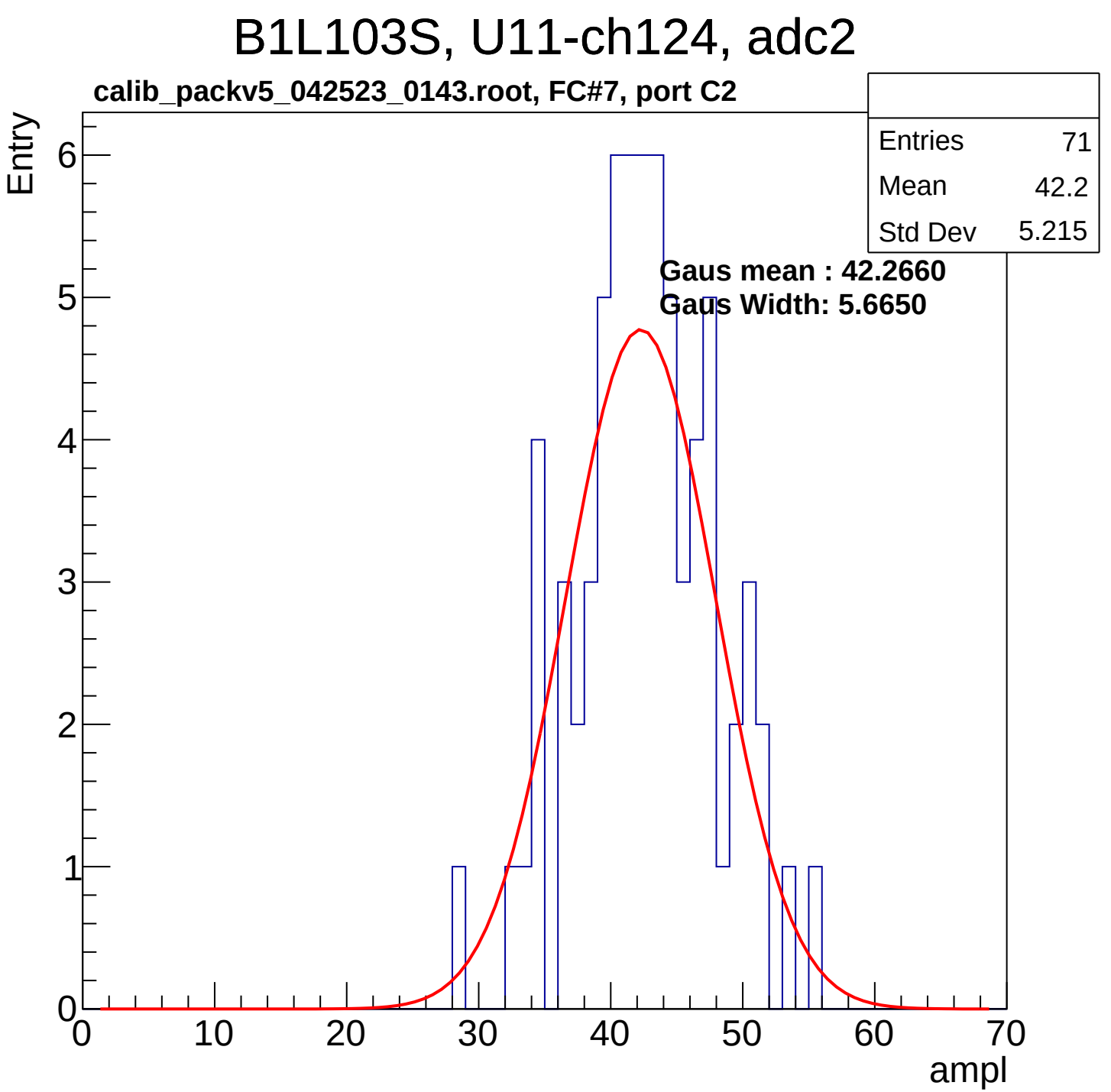
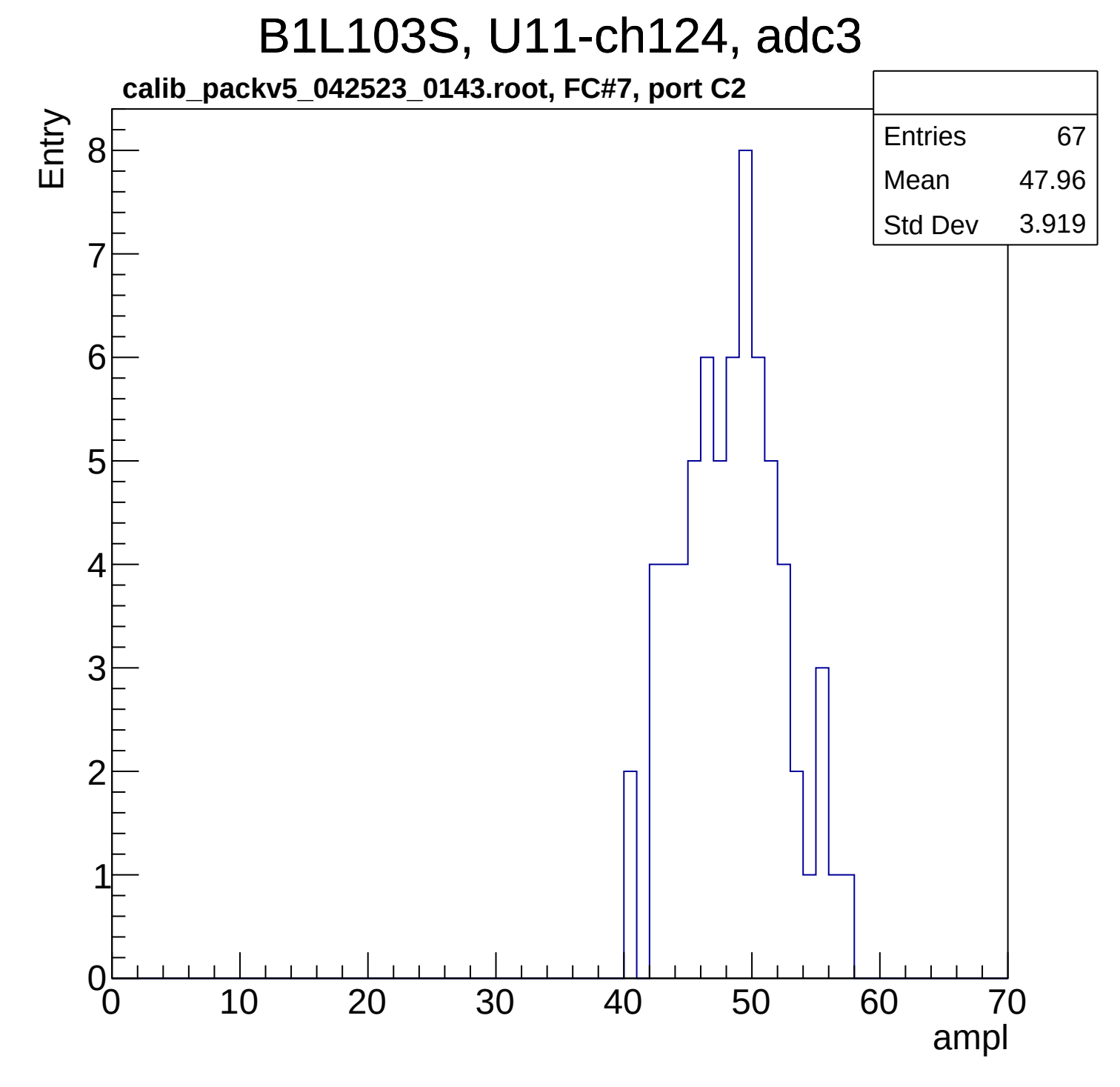
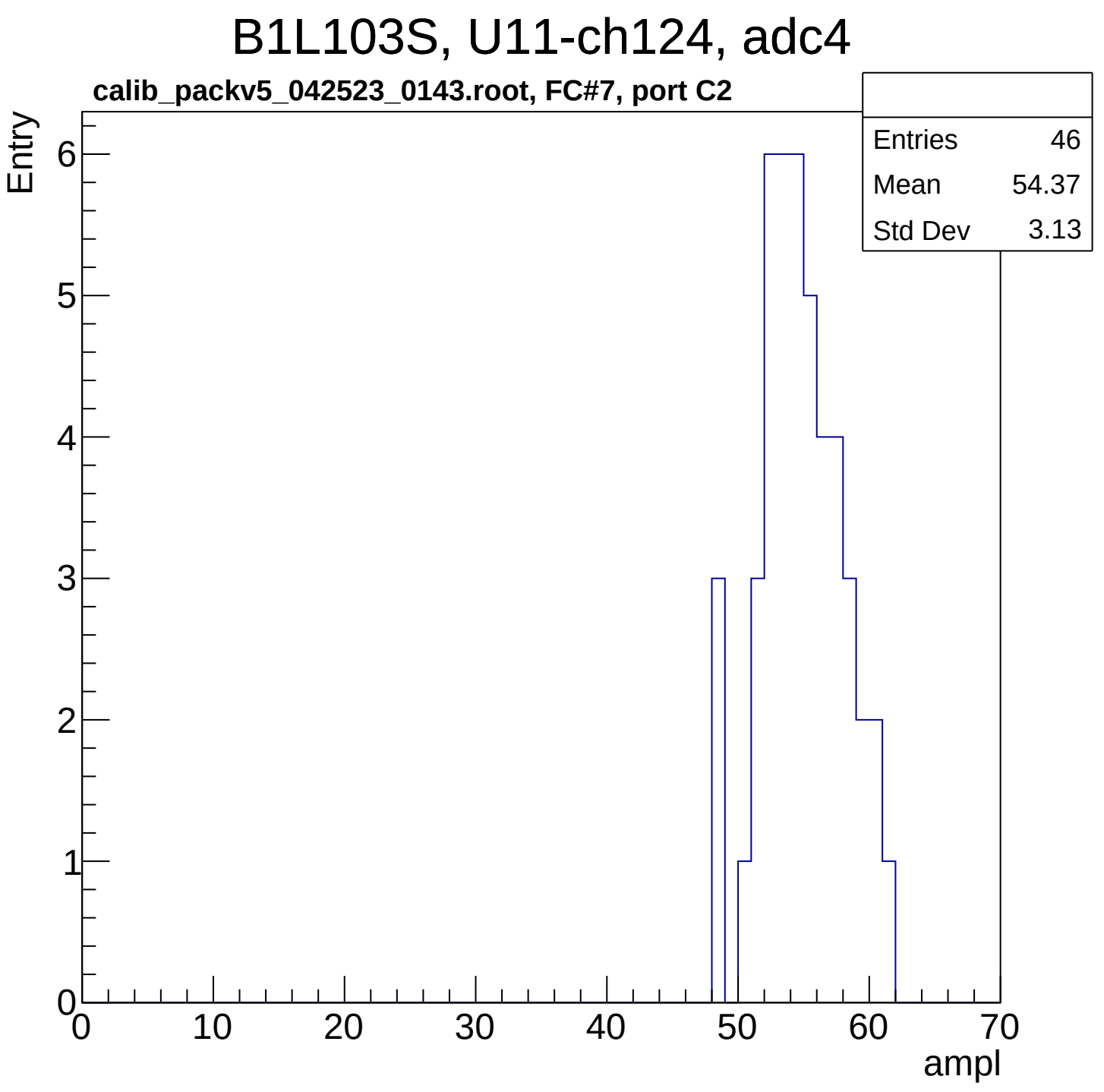
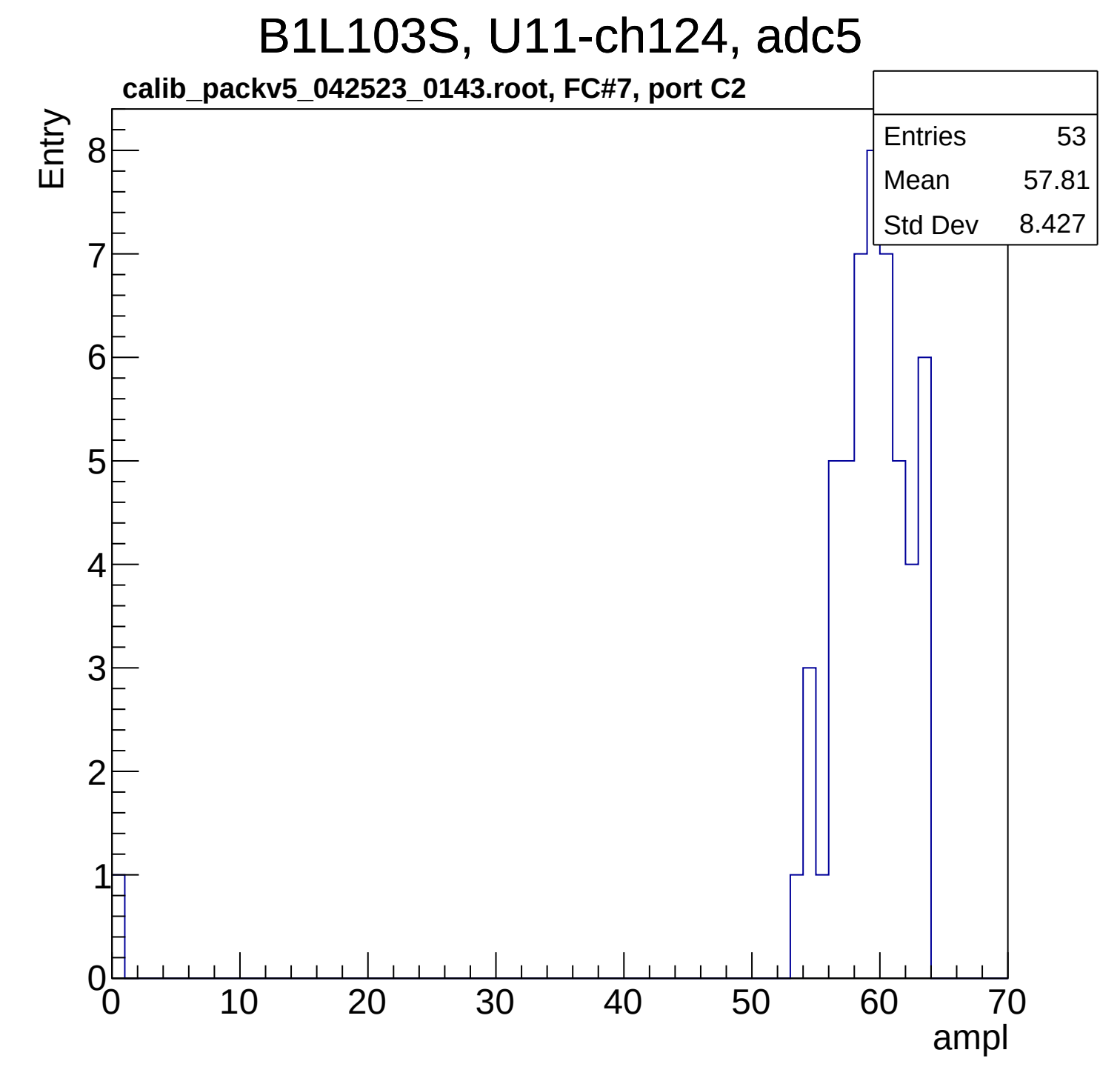

B1L103S, U11-ch124, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 42.2
Std Dev 5.215
Gaus mean : 42.2660
Gaus Width: 5.6650
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L103S, U11-ch124, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 47.96
Std Dev 3.919
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch124, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 46
Mean 54.37
Std Dev 3.13
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch124, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 53
Mean 57.81
Std Dev 8.427
Entry
ampl
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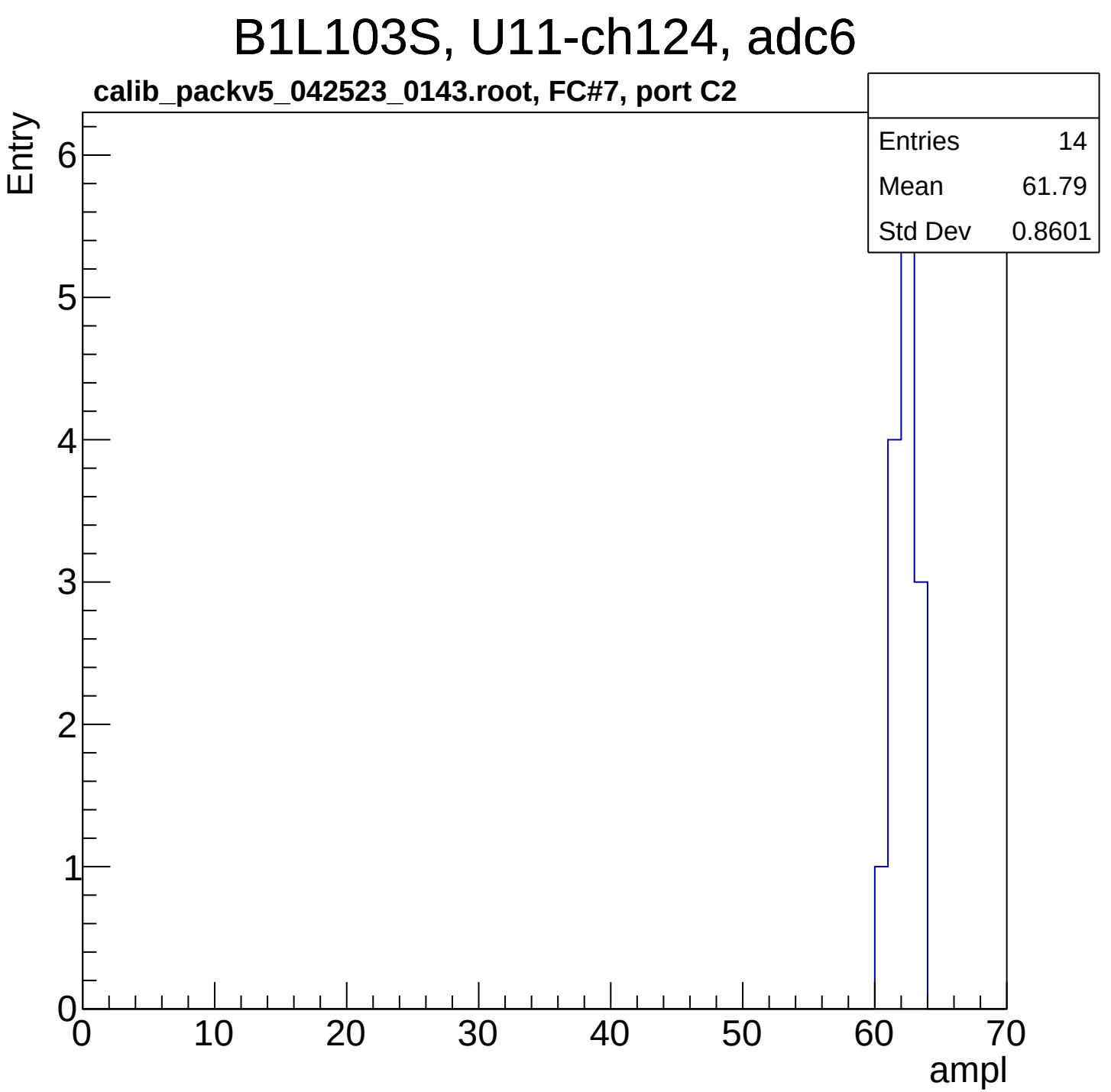
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch124, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 14
Mean 61.79
Std Dev 0.8601
Entry
ampl
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2
3
4
5
6
0
10
20
30
40
50
60
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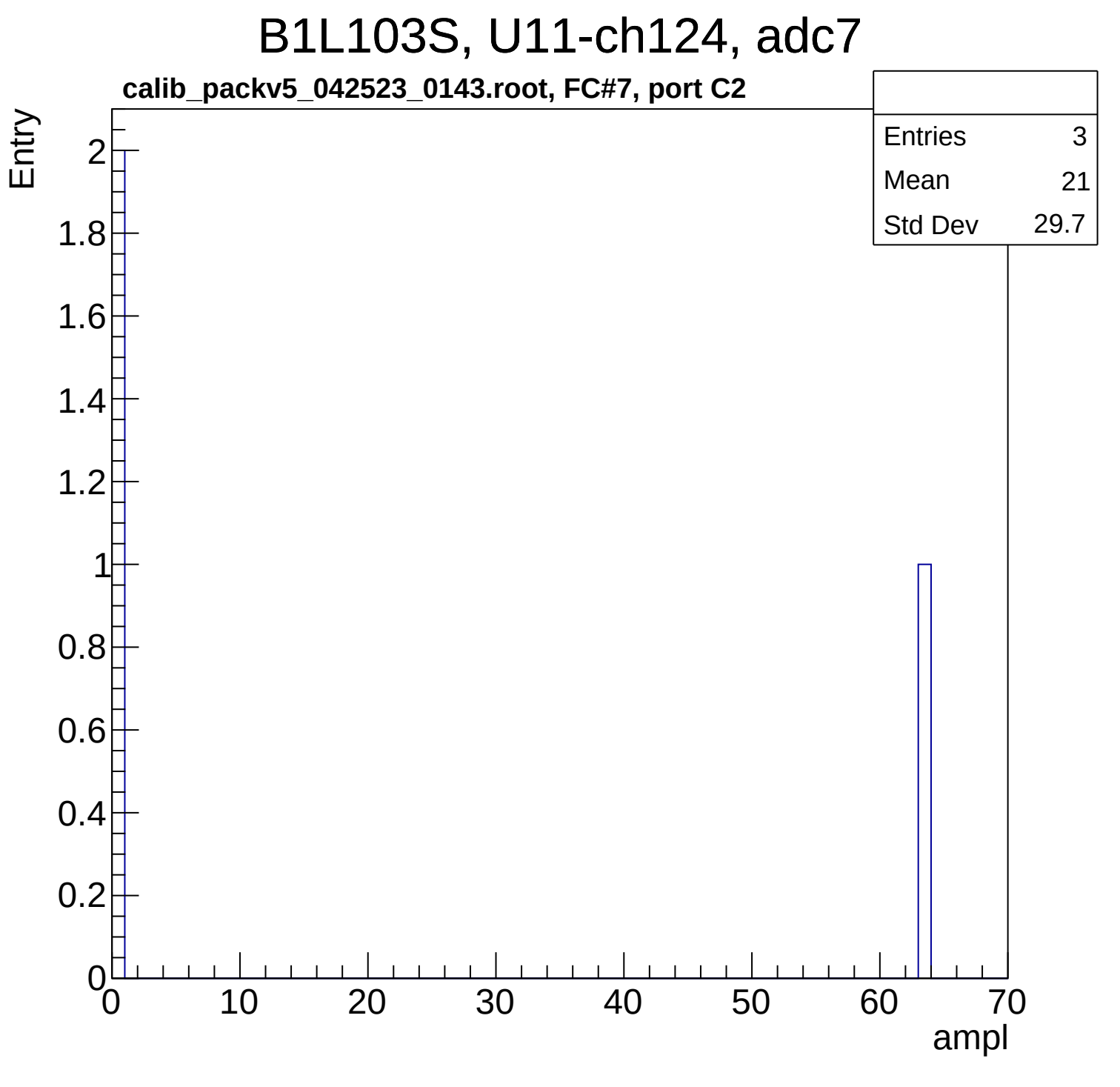
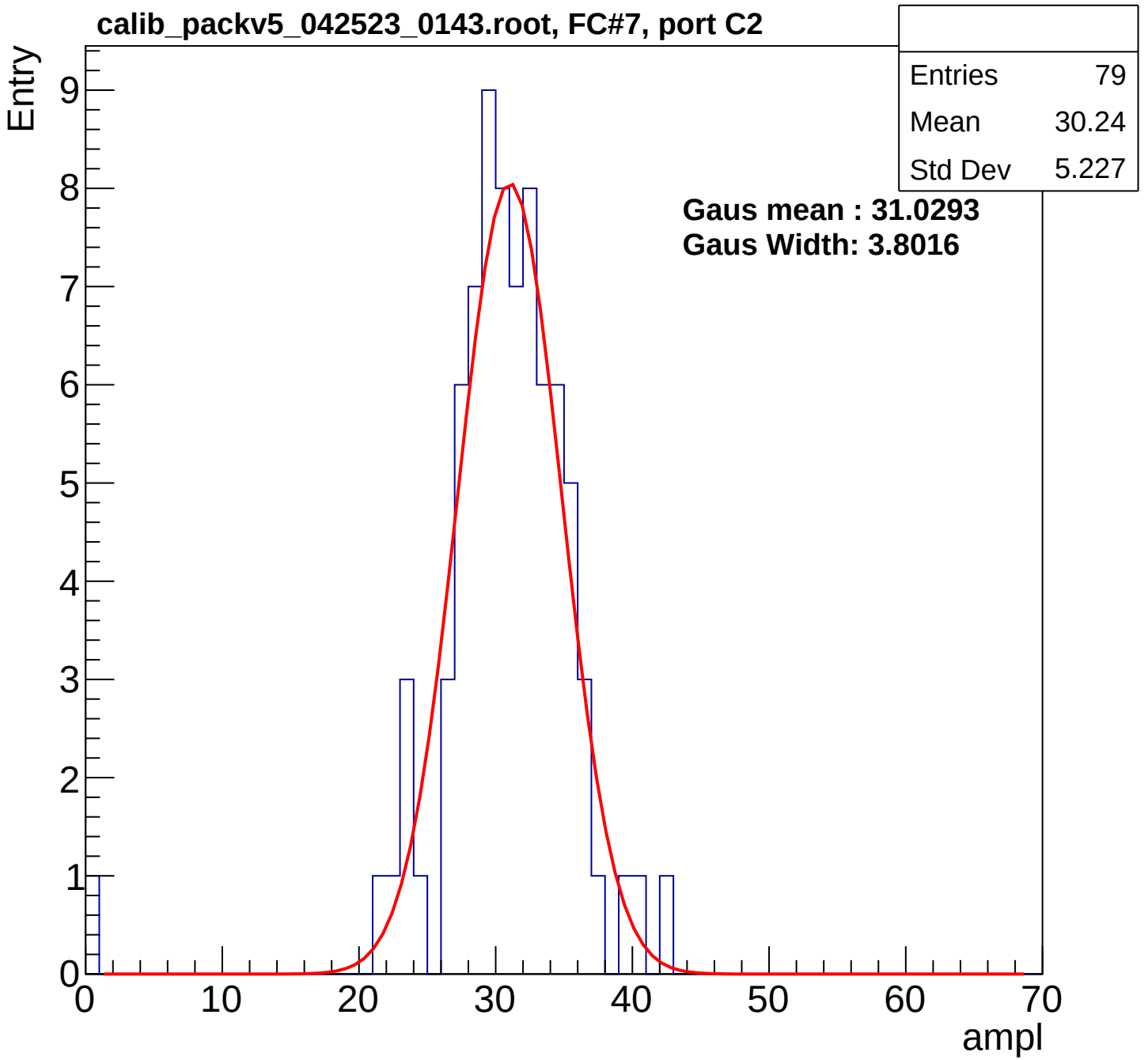
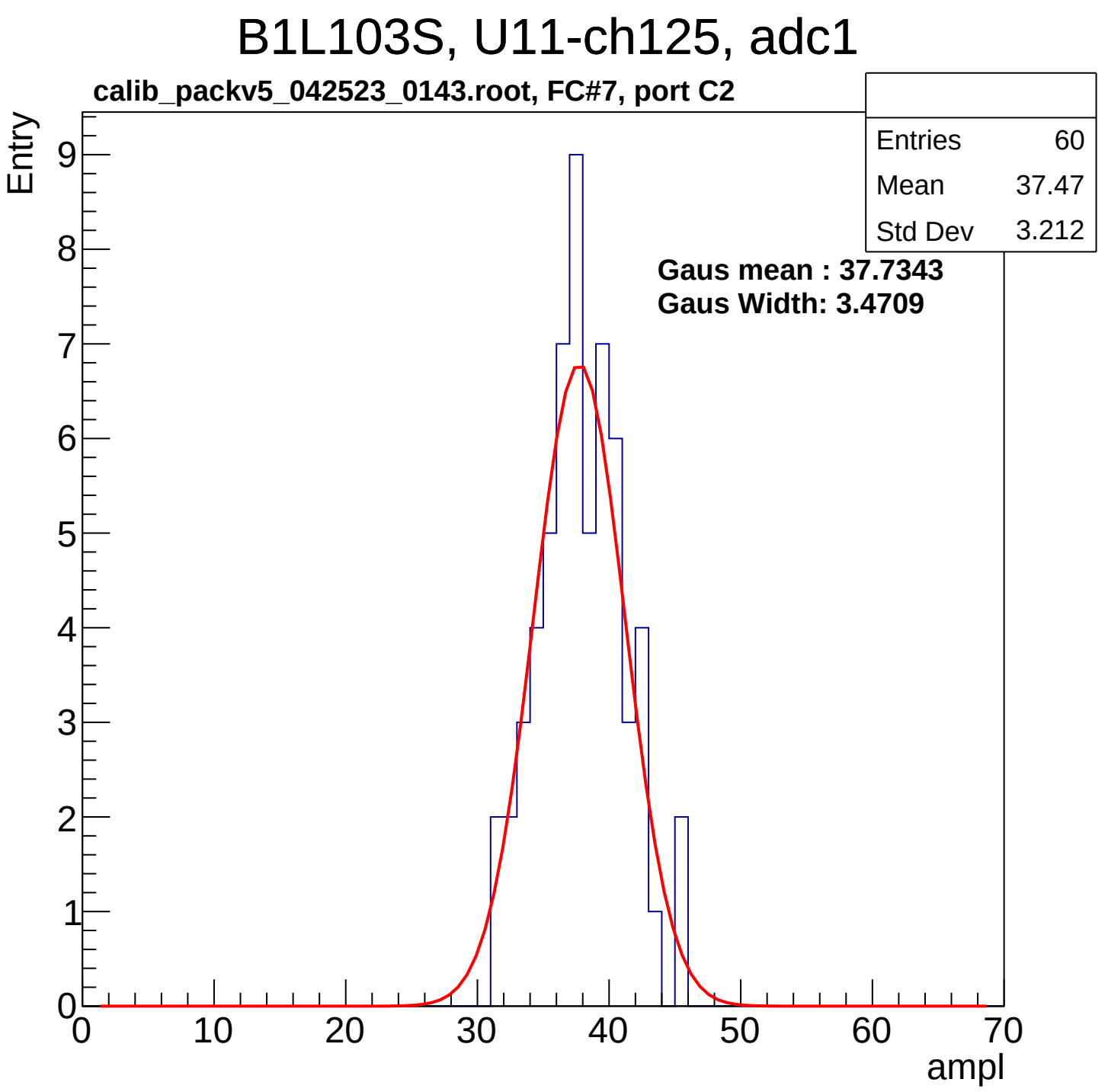

B1L103S, U11-ch124, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 21
Std Dev 29.7
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L103S, U11-ch125, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 79
Mean 30.24
Std Dev 5.227
Gaus mean : 31.0293
Gaus Width: 3.8016
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U11-ch125, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 37.47
Std Dev 3.212
Gaus mean : 37.7343
Gaus Width: 3.4709
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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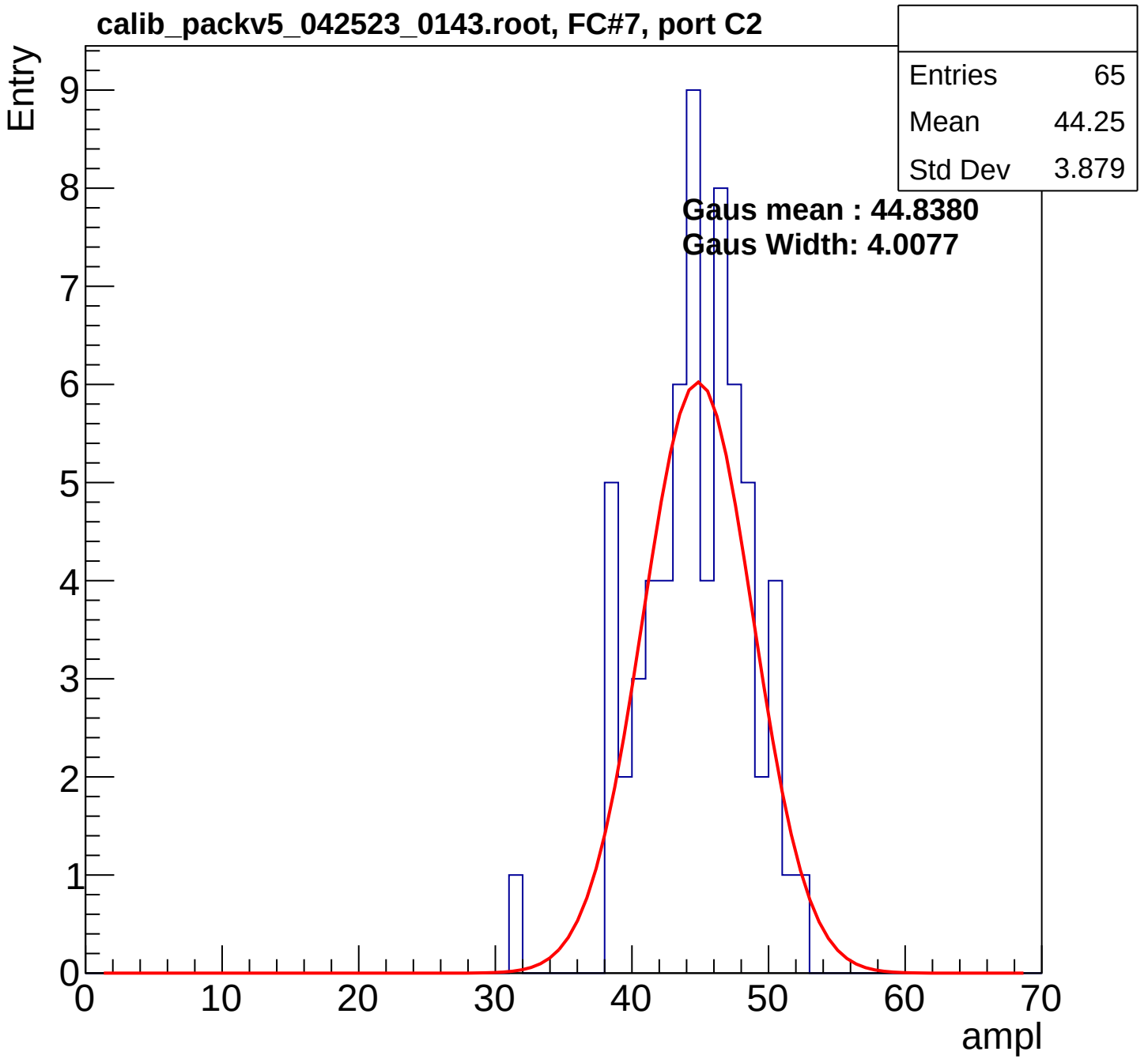
B1L103S, U11-ch125, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 44.25
Std Dev 3.879
Gaus mean : 44.8380
Gaus Width: 4.0077
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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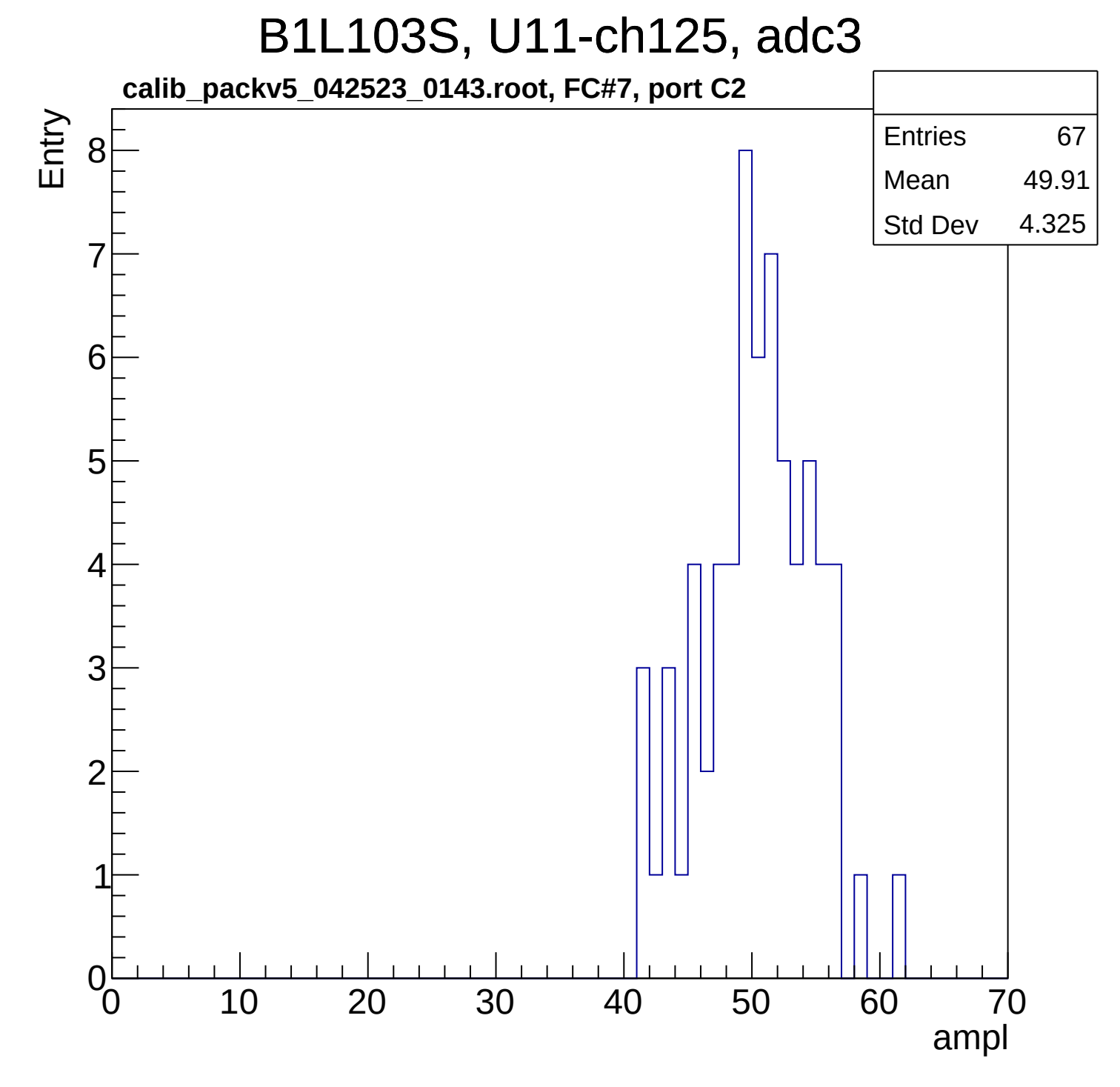
B1L103S, U11-ch125, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 49.91
Std Dev 4.325
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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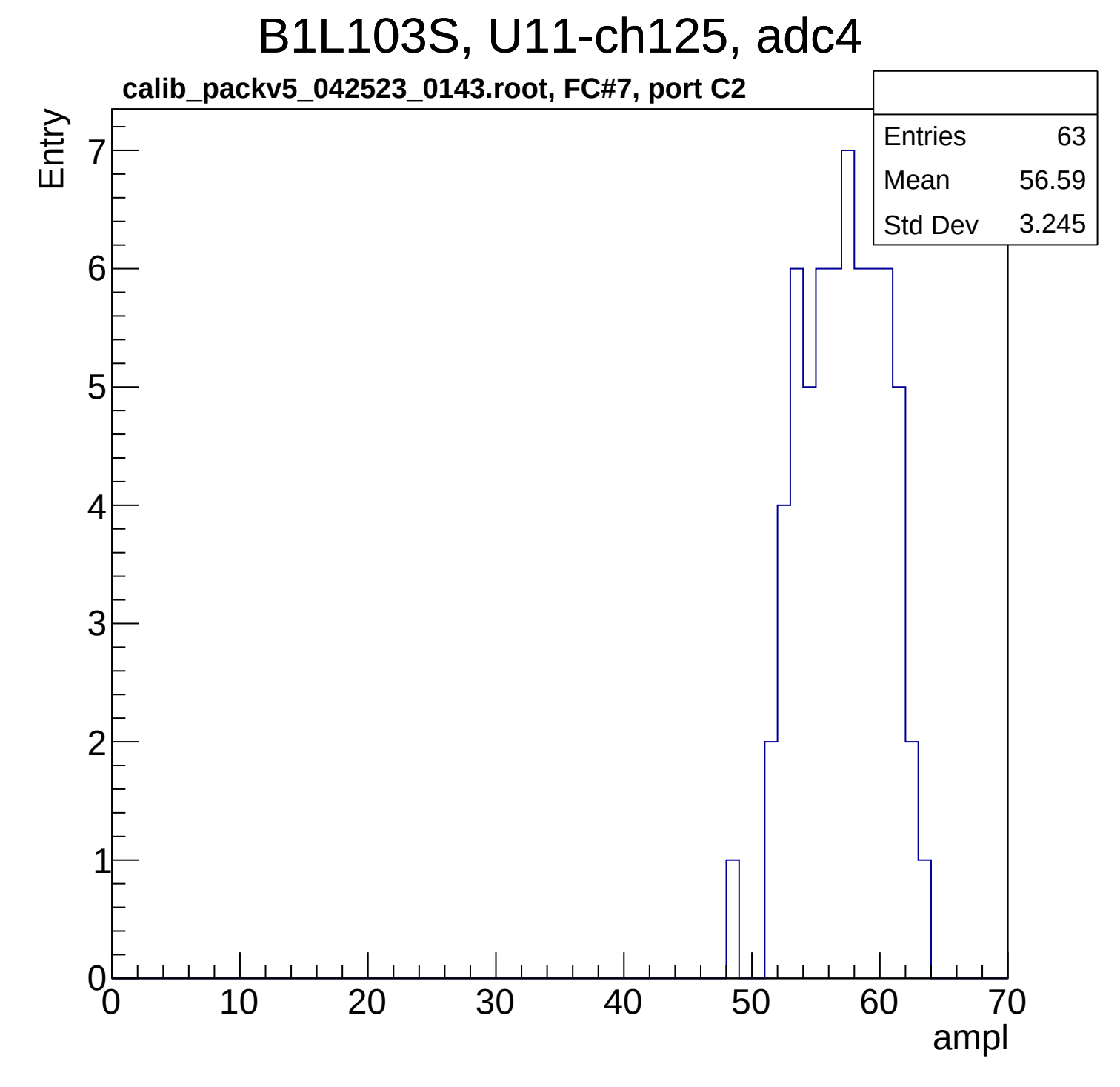
B1L103S, U11-ch125, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 56.59
Std Dev 3.245
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
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60
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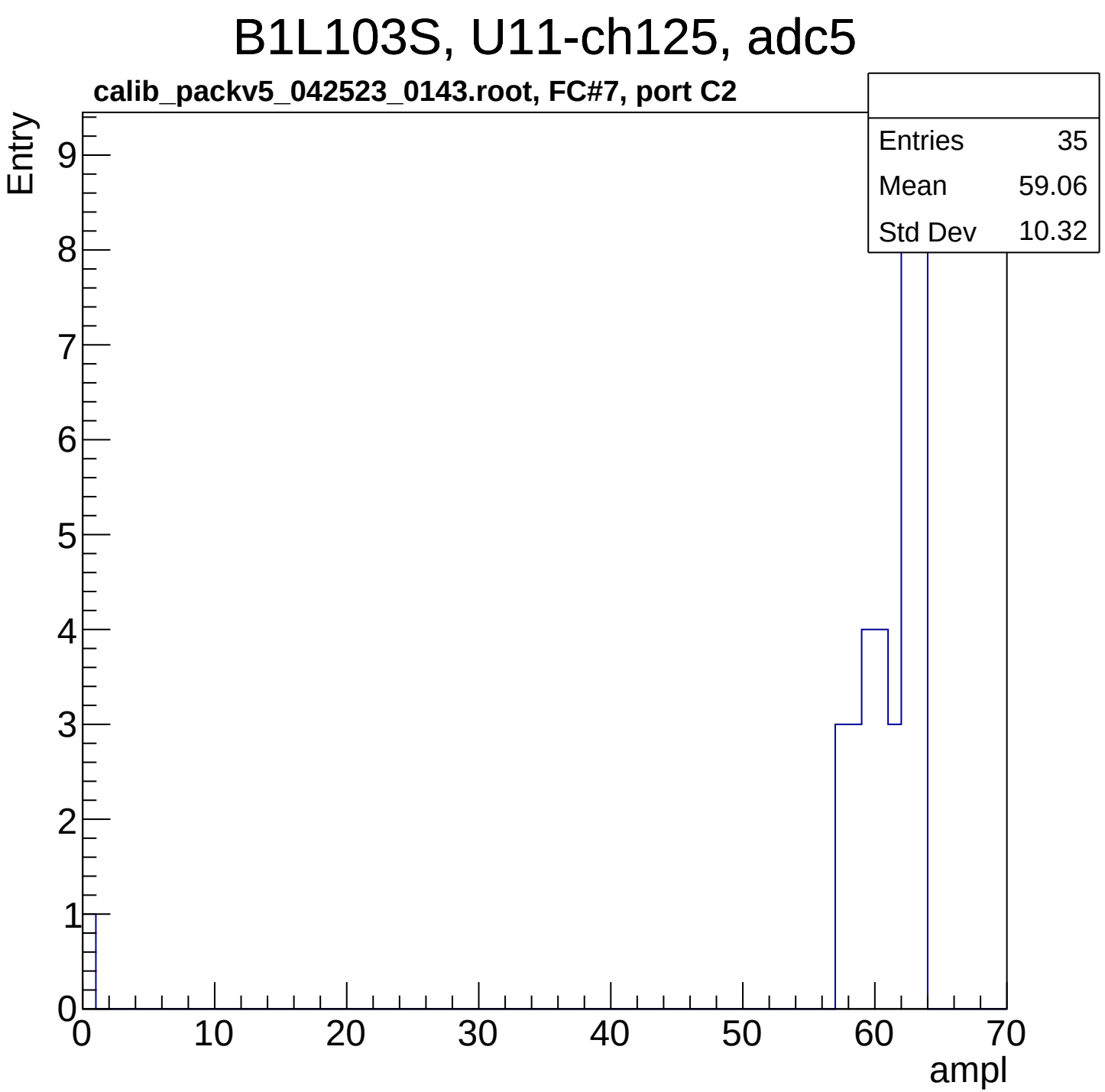
B1L103S, U11-ch125, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 35
Mean 59.06
Std Dev 10.32
Entry
ampl
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3
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5
6
7
8
9
0
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20
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60
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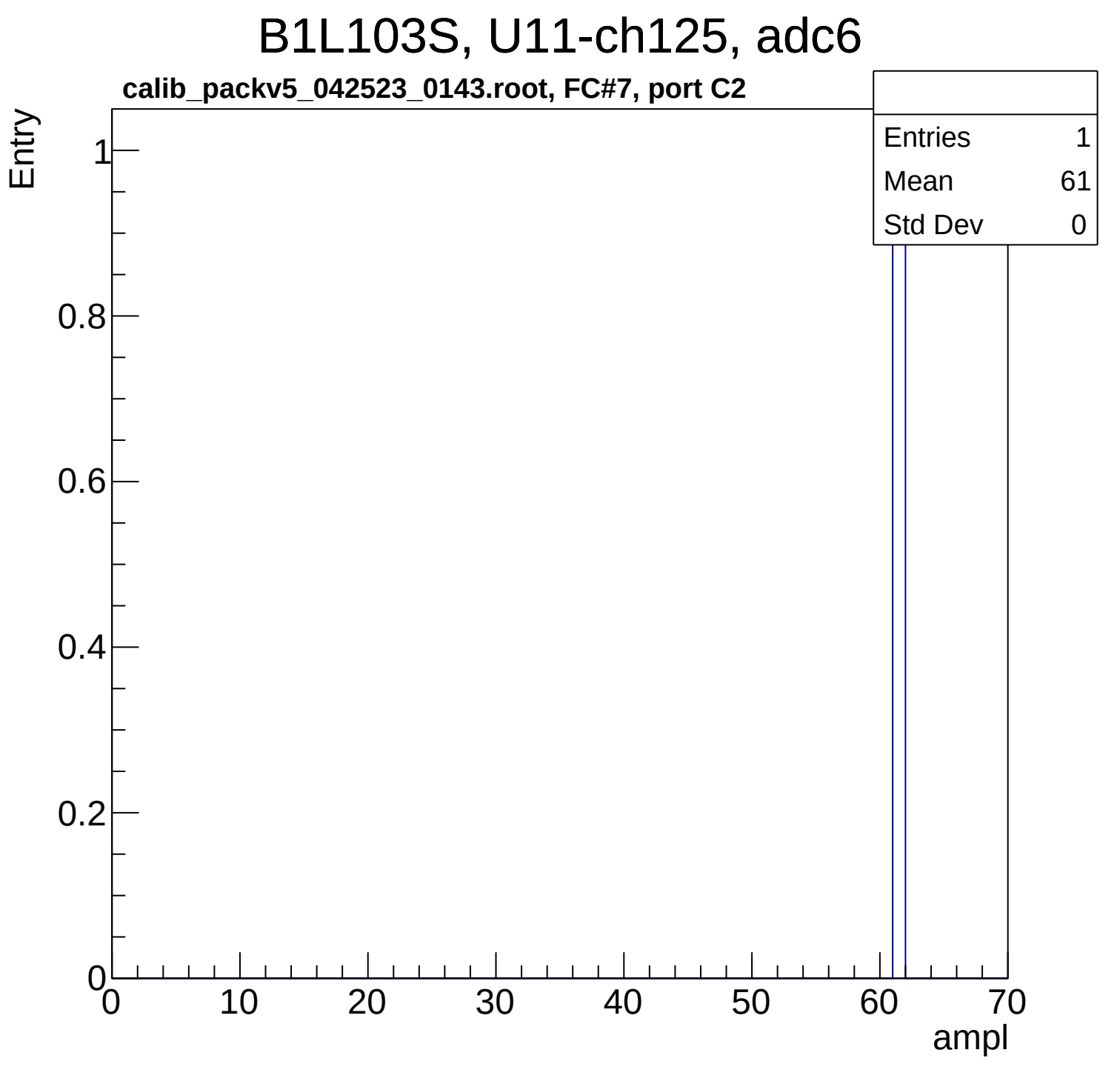
B1L103S, U11-ch125, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 61
Std Dev 0
Entry
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0.6
0.4
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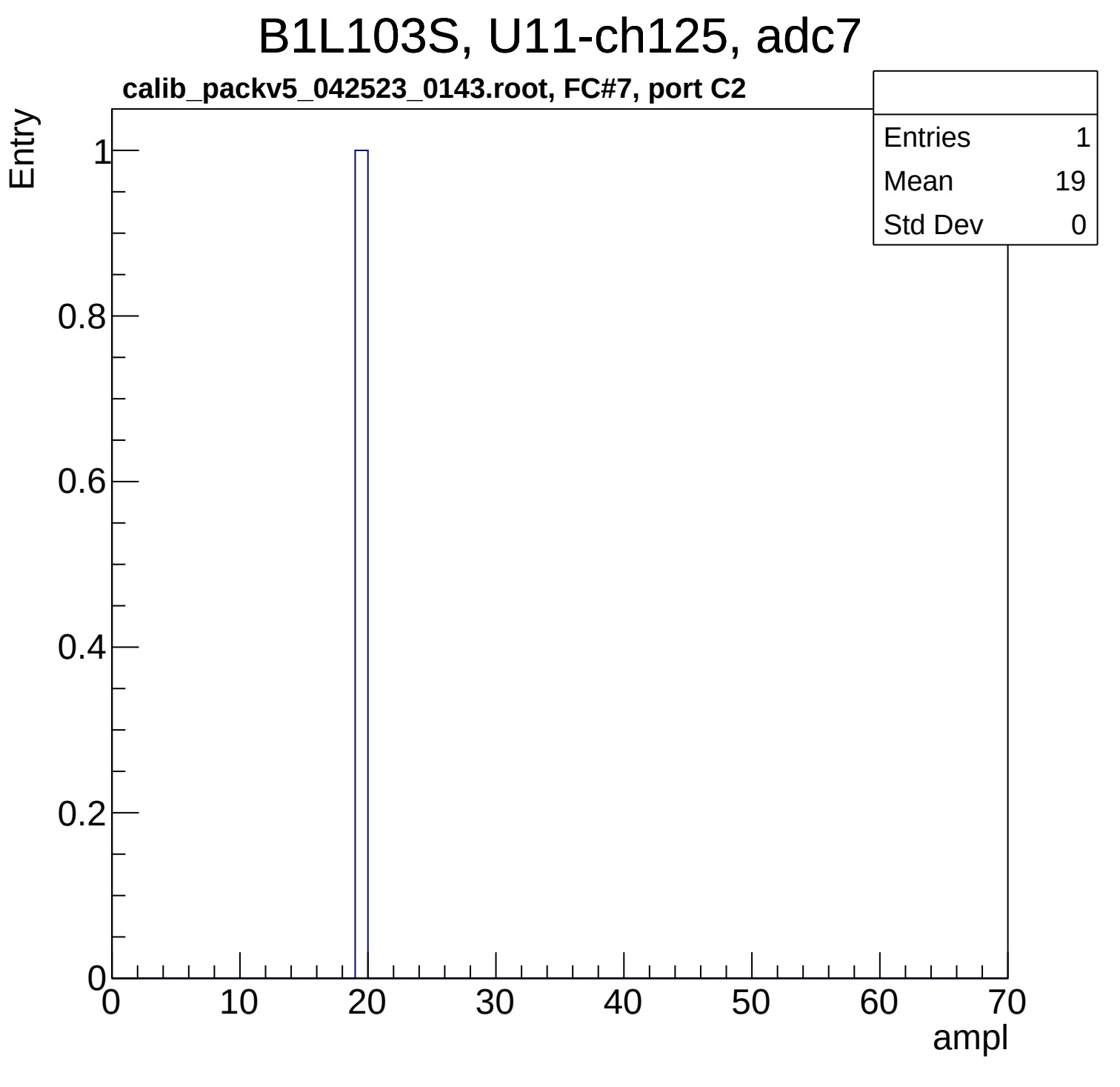
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch125, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 19
Std Dev 0
Entry
ampl
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0.2
0.4
0.6
0.8
1
0
10
20
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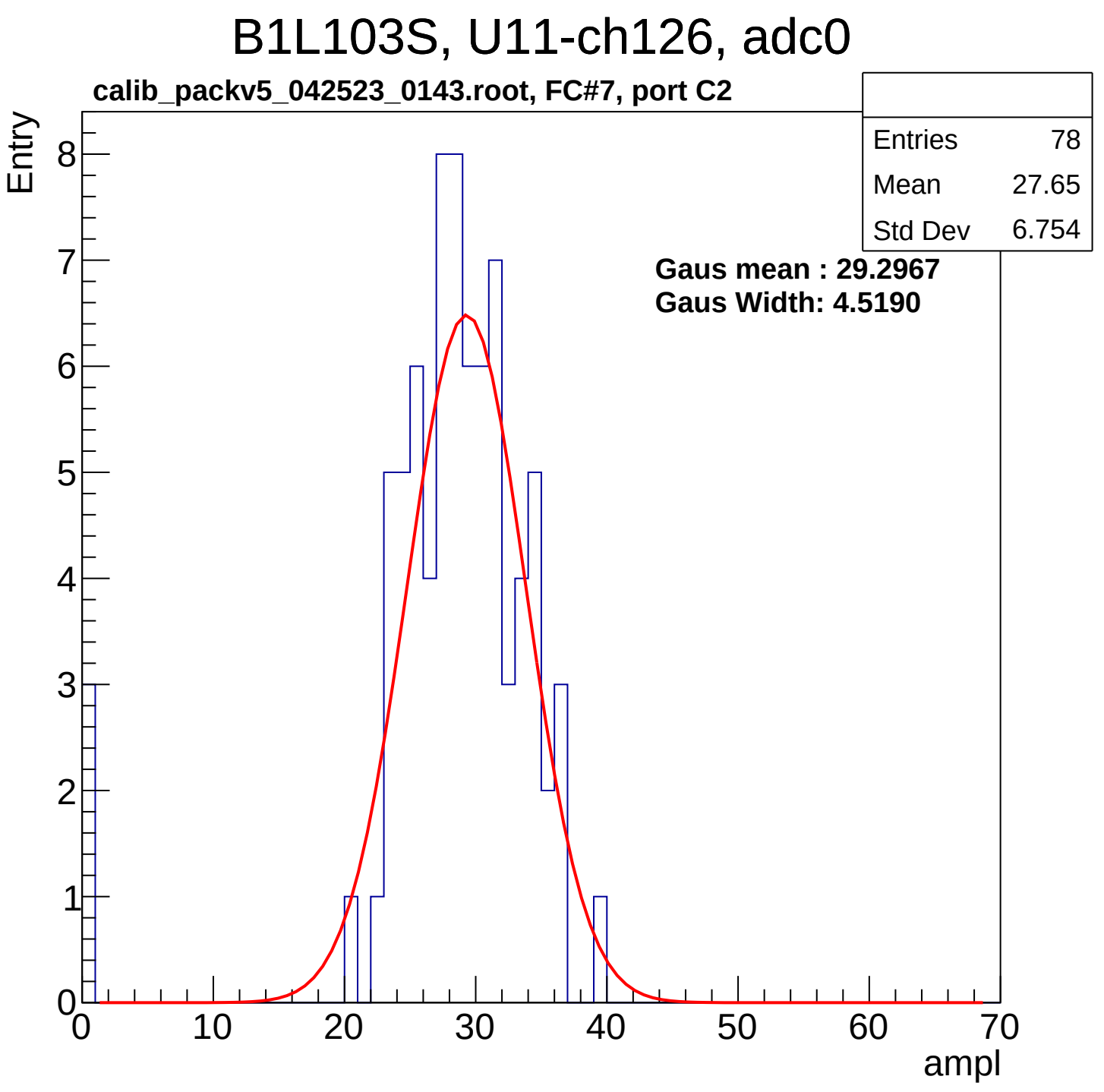
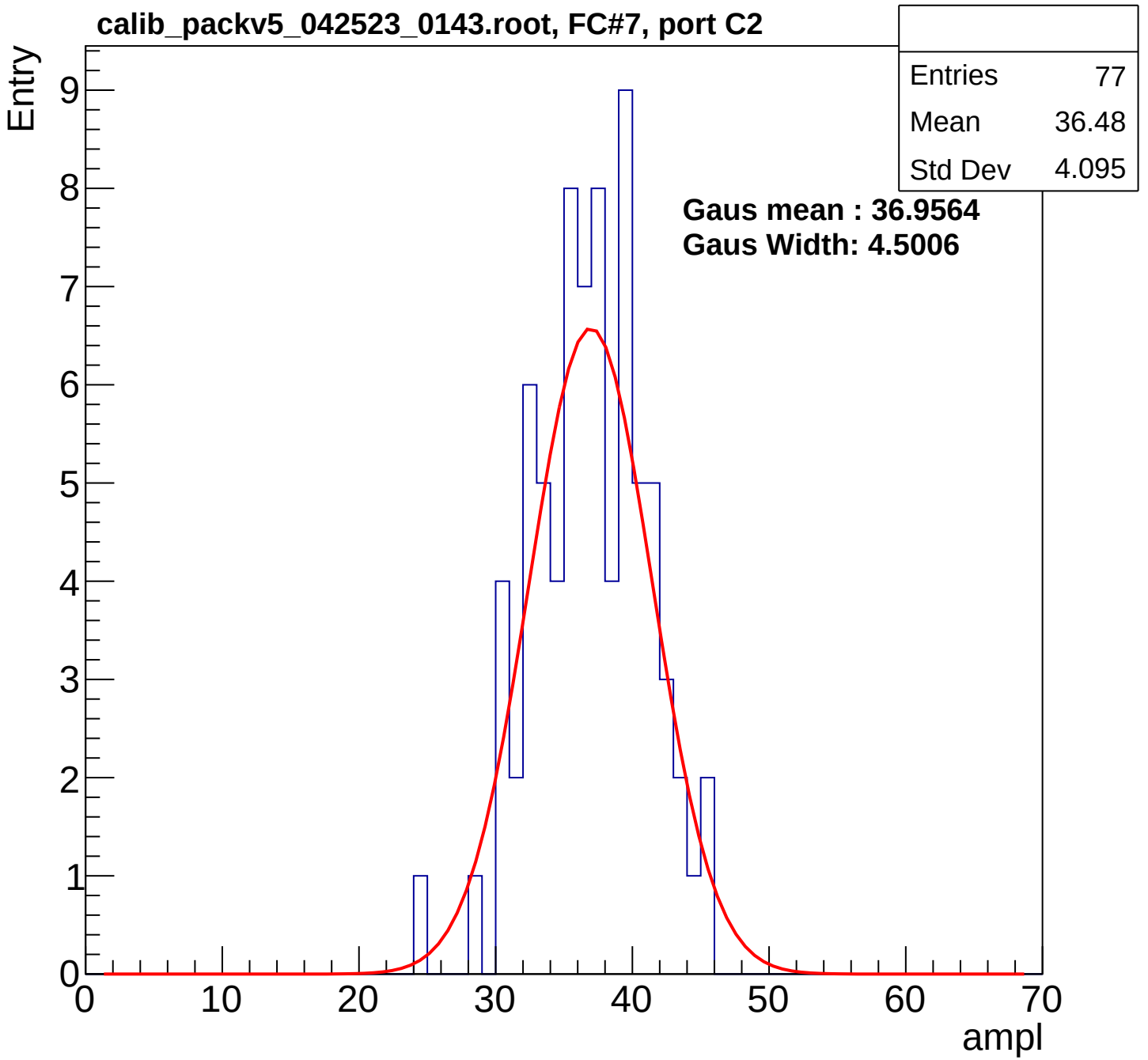
40
50
60
70


B1L103S, U11-ch126, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 78
Mean 27.65
Std Dev 6.754
Gaus mean : 29.2967
Gaus Width: 4.5190
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U11-ch126, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 77
Mean 36.48
Std Dev 4.095
Gaus mean : 36.9564
Gaus Width: 4.5006
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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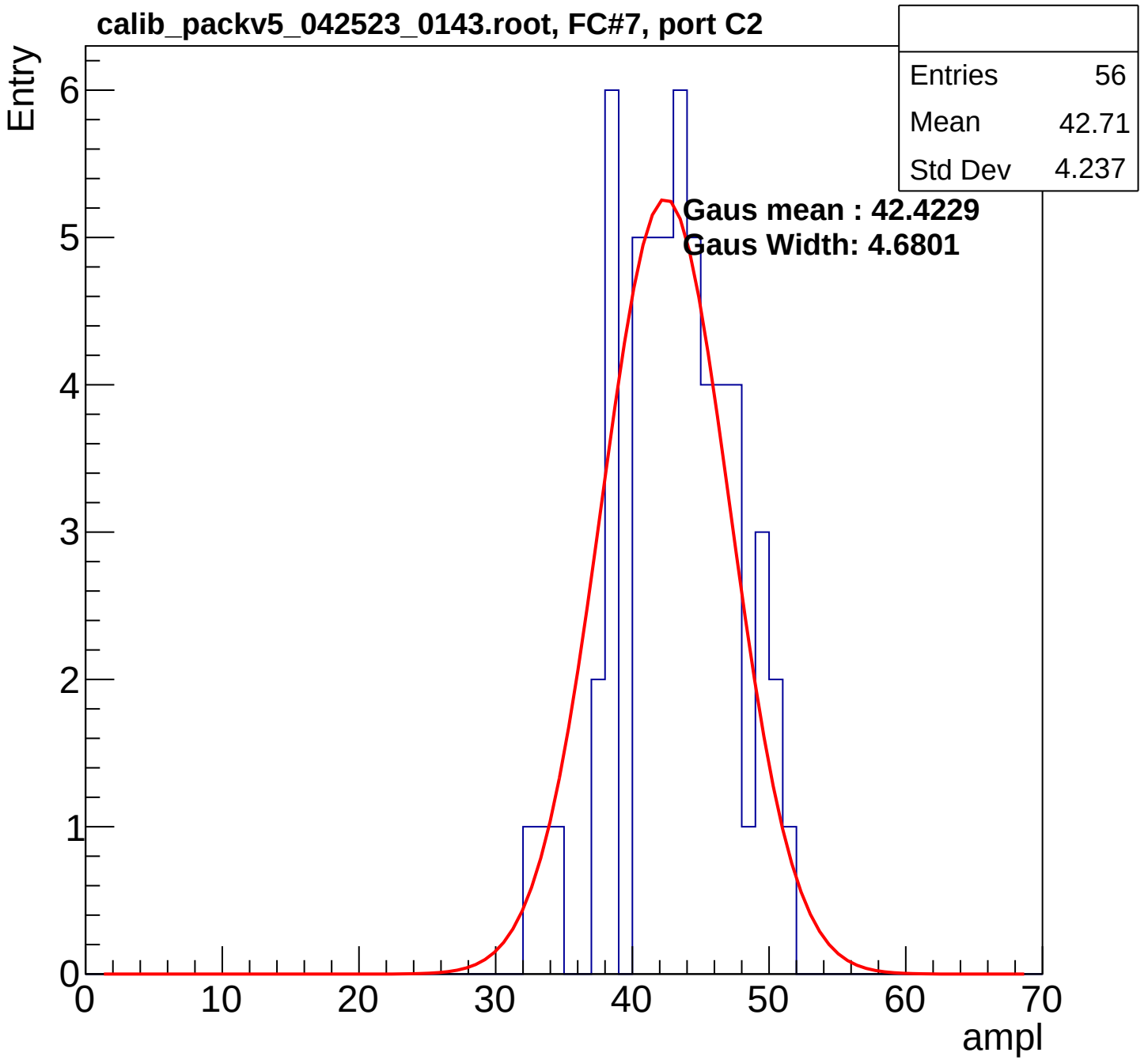
60
70


B1L103S, U11-ch126, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 42.71
Std Dev 4.237
Gaus mean : 42.4229
Gaus Width: 4.6801
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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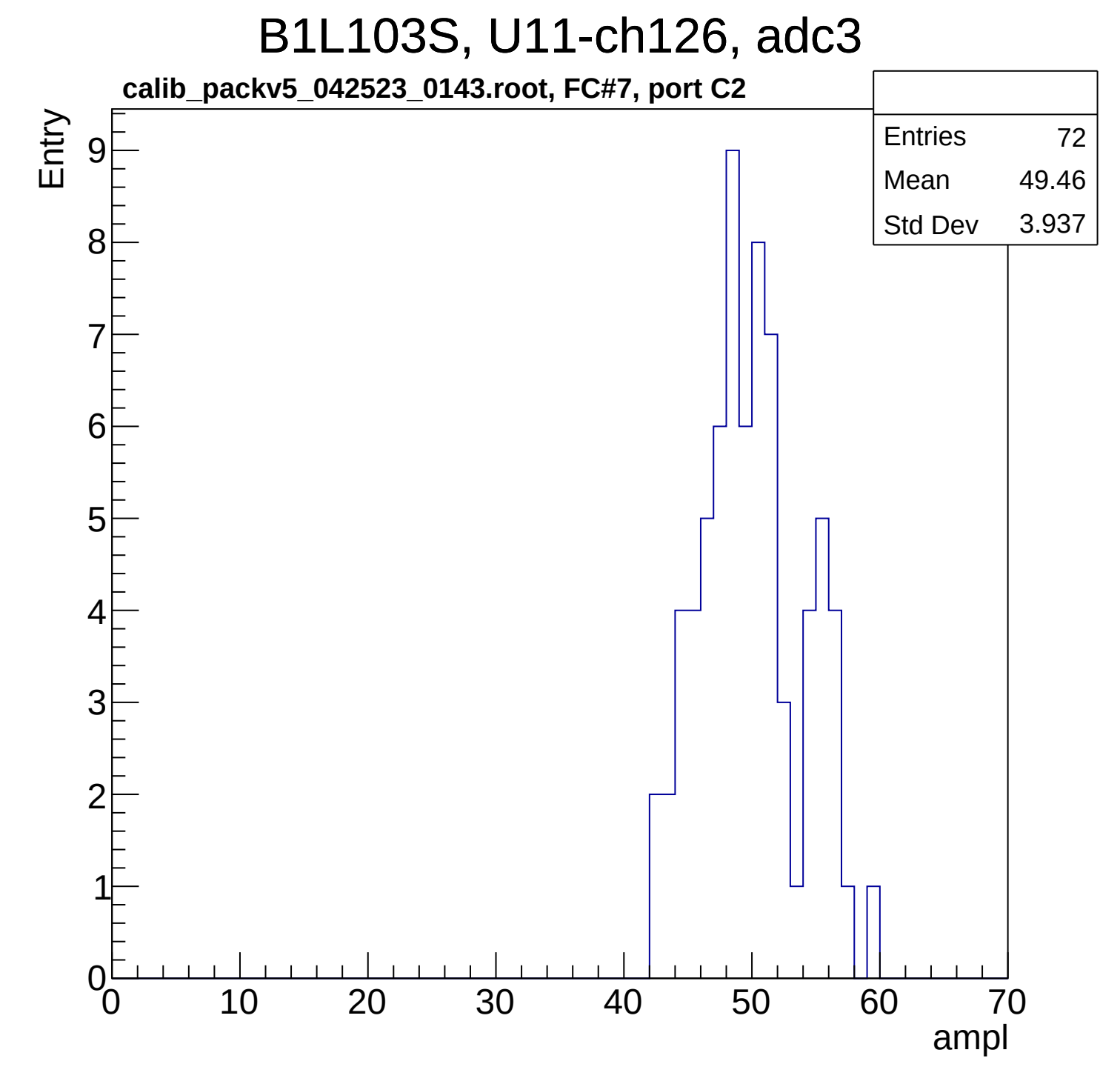
B1L103S, U11-ch126, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 49.46
Std Dev 3.937
Entry
ampl
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3
4
5
6
7
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0
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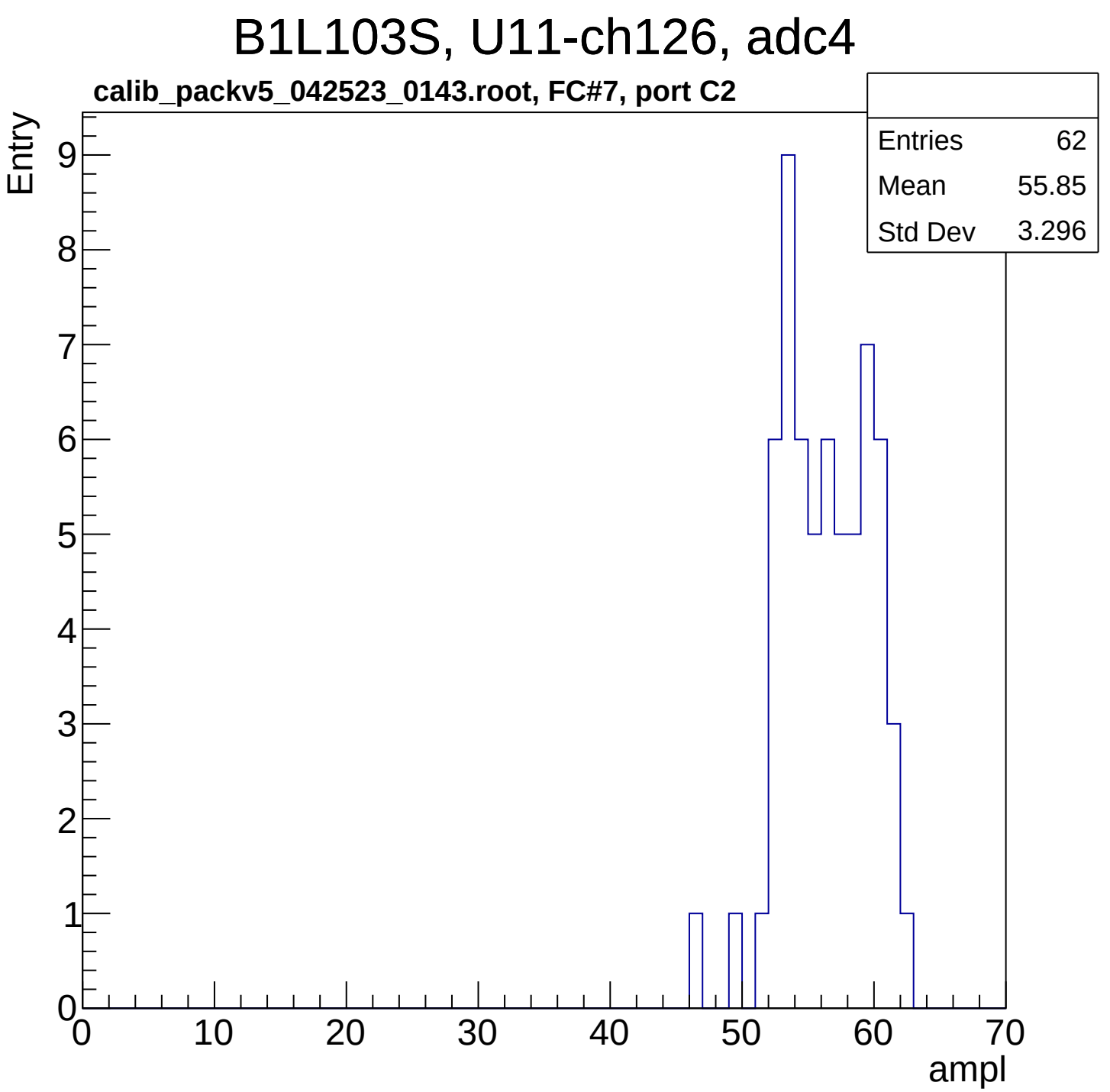
B1L103S, U11-ch126, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 55.85
Std Dev 3.296
Entry
ampl
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3
4
5
6
7
8
9
0
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60
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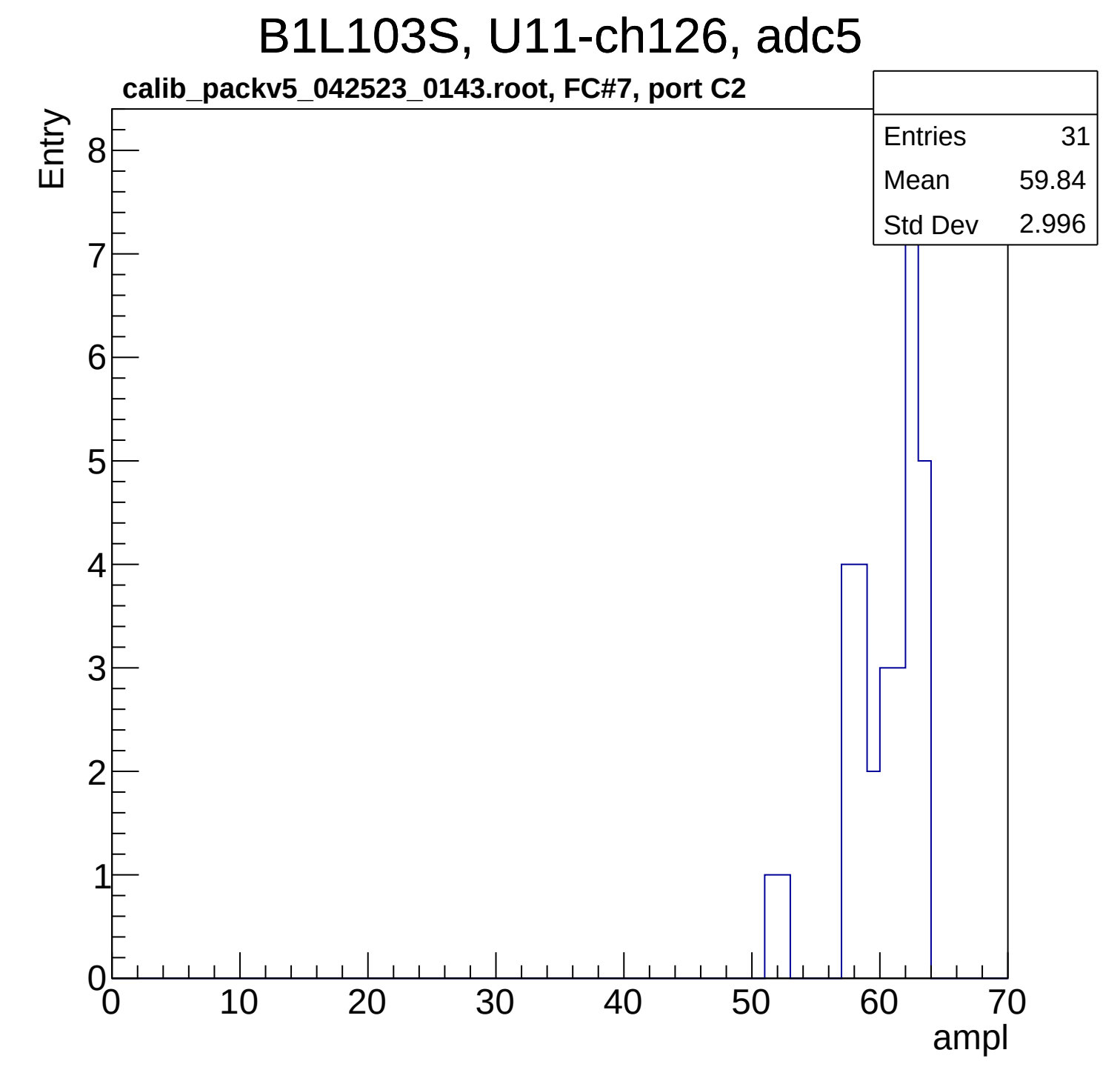
B1L103S, U11-ch126, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 31
Mean 59.84
Std Dev 2.996
Entry
ampl
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1
2
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4
5
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7
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0
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40
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60
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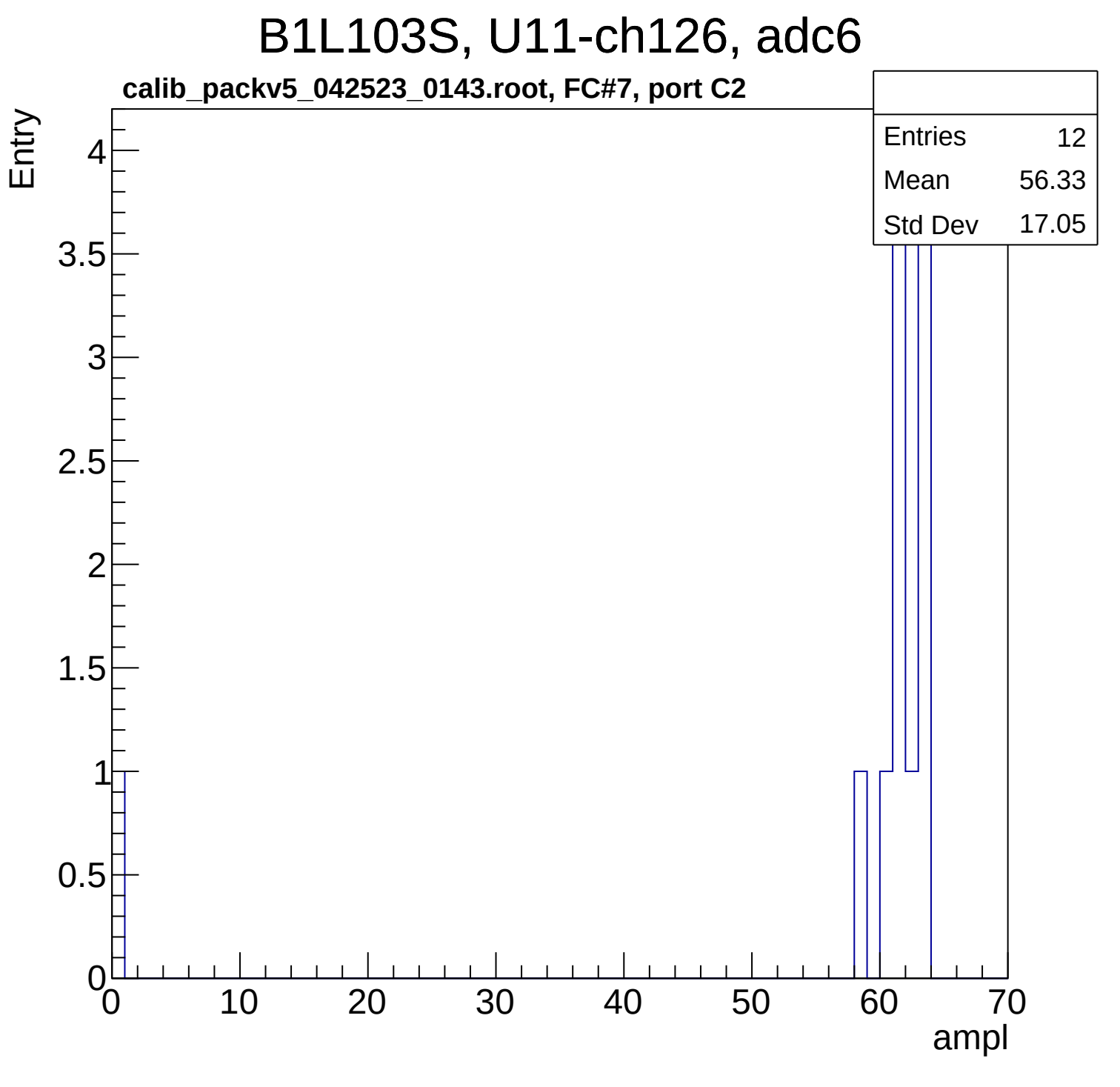
B1L103S, U11-ch126, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 12
Mean 56.33
Std Dev 17.05
Entry
ampl
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0.5
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1.5
2
2.5
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3.5
4
0
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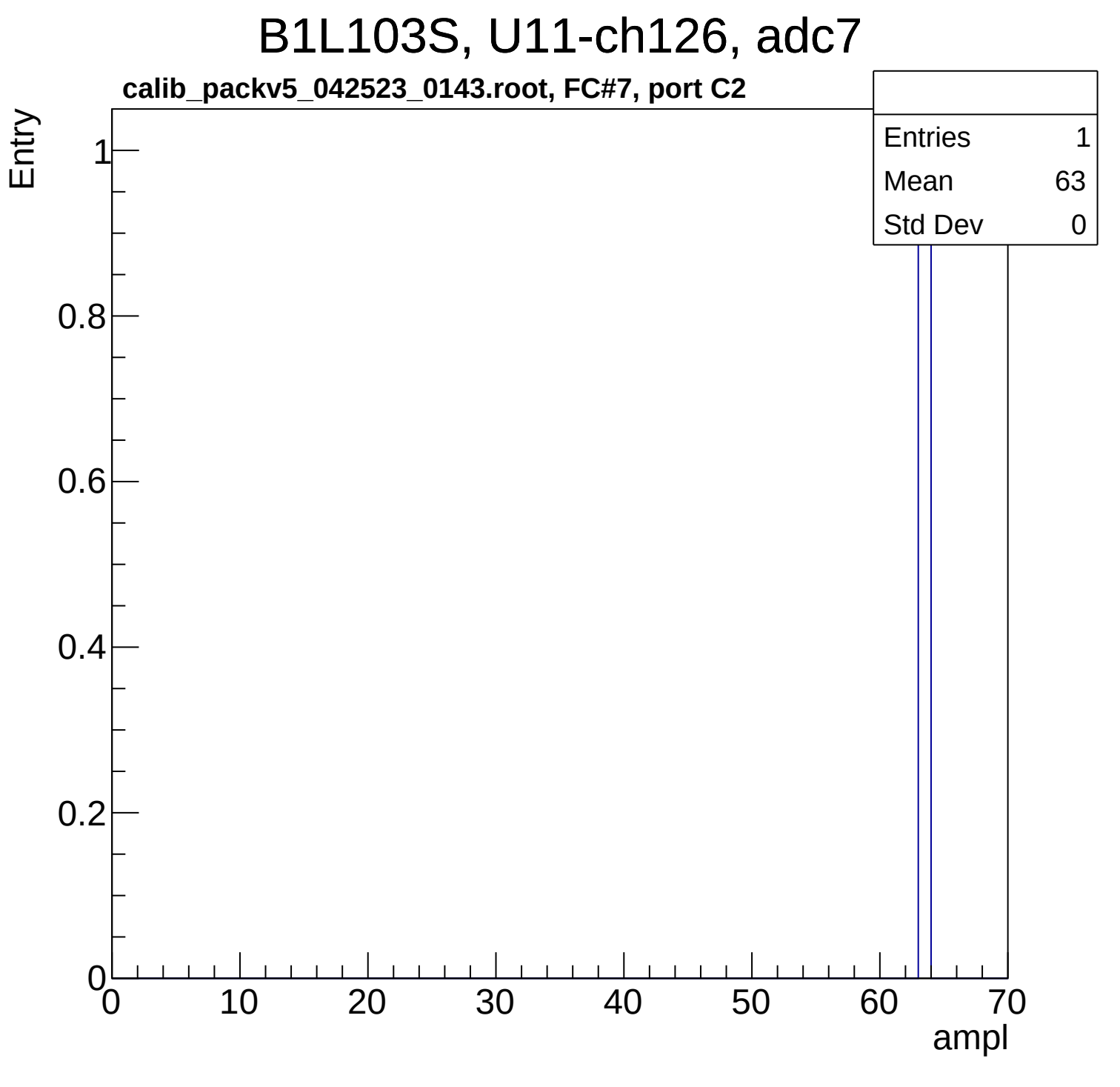
B1L103S, U11-ch126, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 63
Std Dev 0
Entry
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0
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10
20
30
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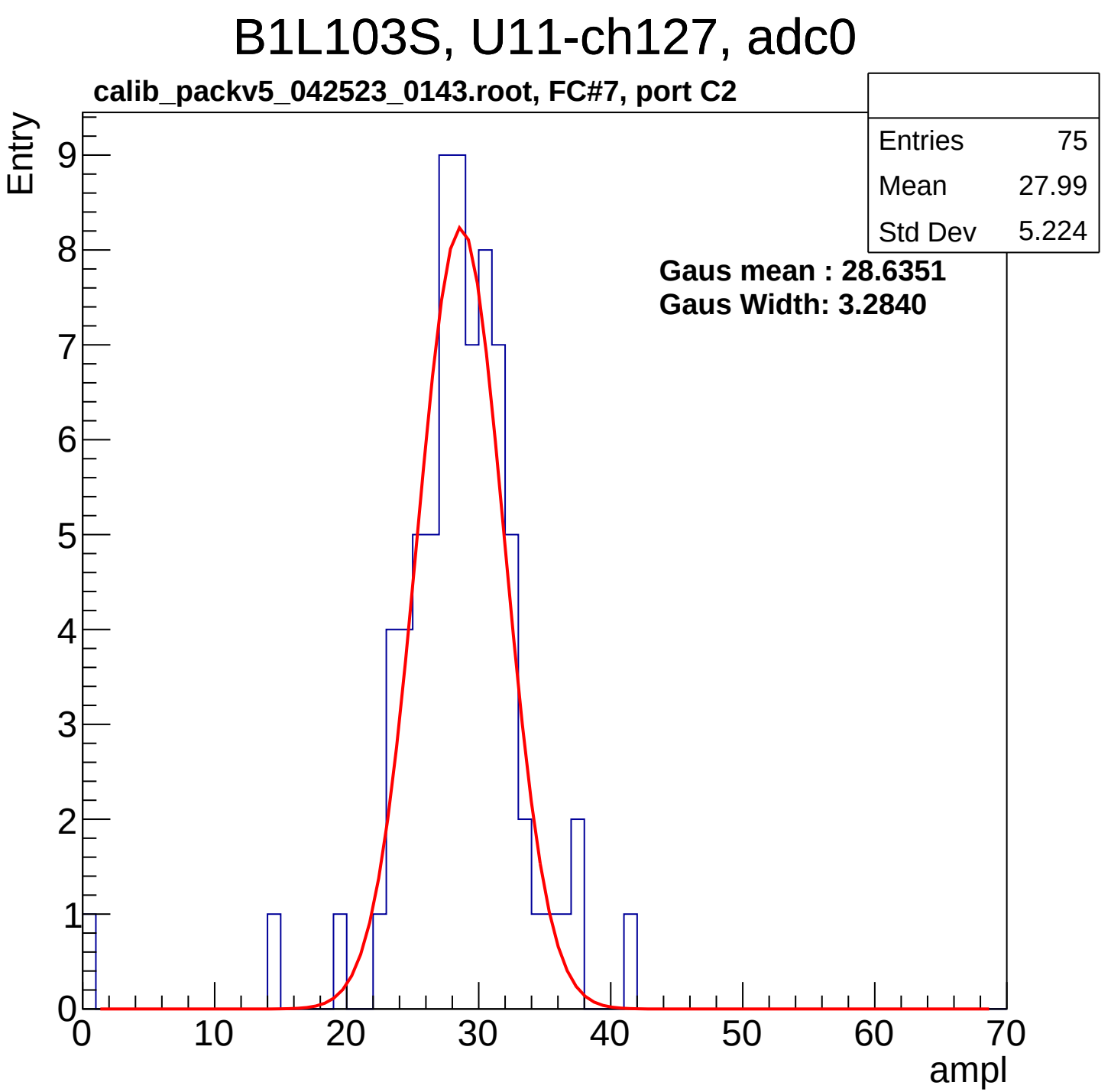
50
60
70
ampl


B1L103S, U11-ch127, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 75
Mean 27.99
Std Dev 5.224
Gaus mean : 28.6351
Gaus Width: 3.2840
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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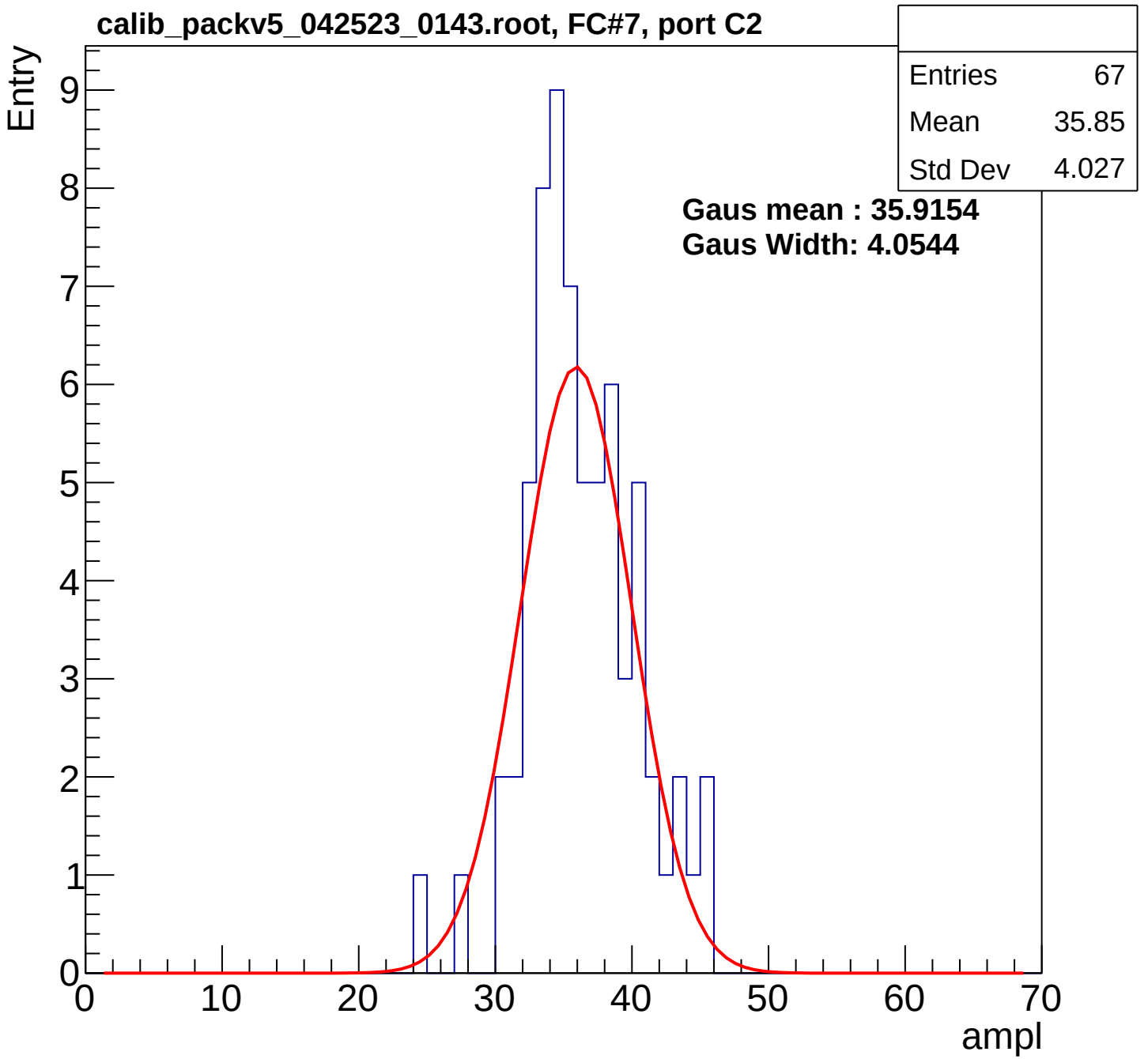
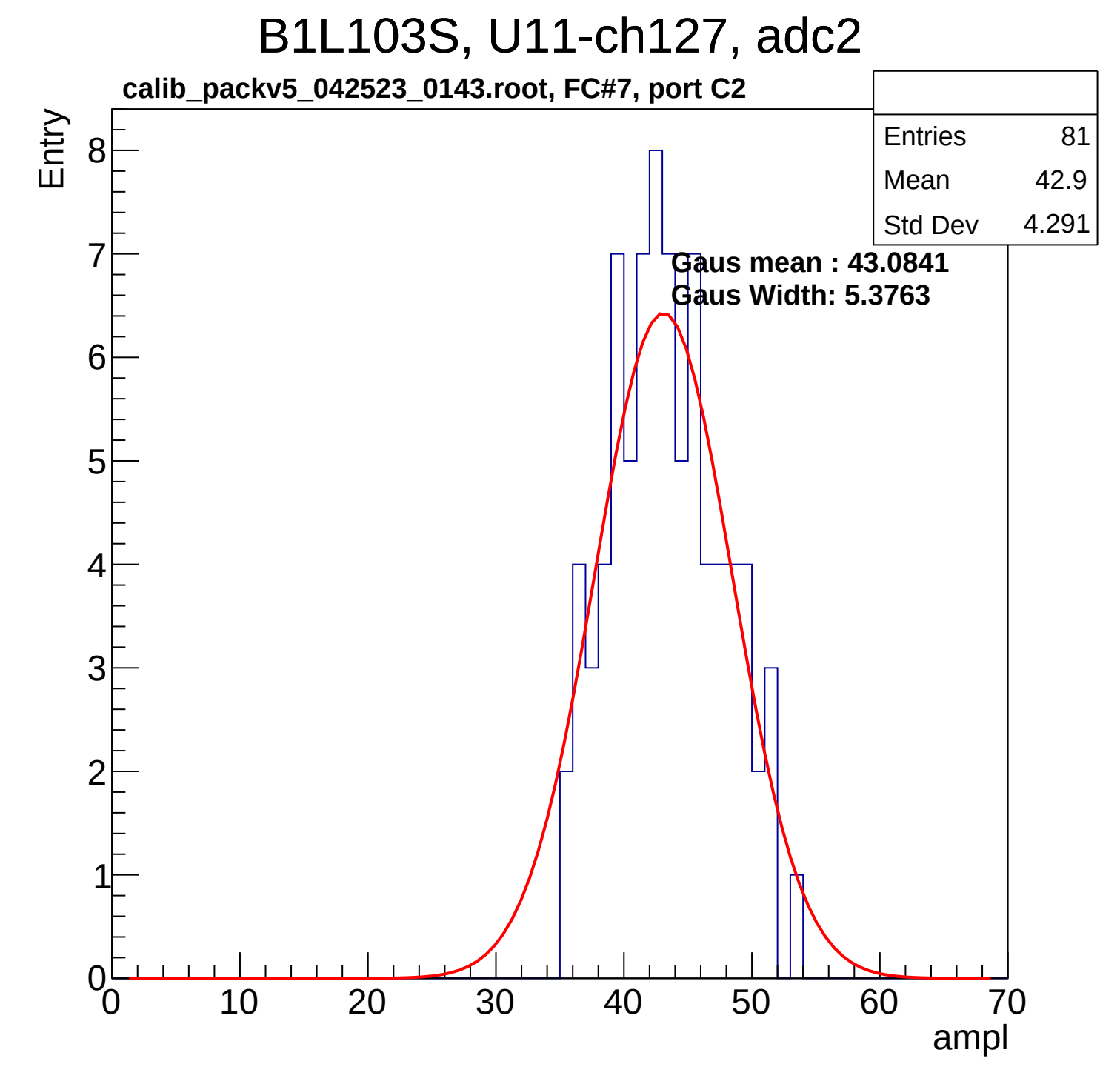
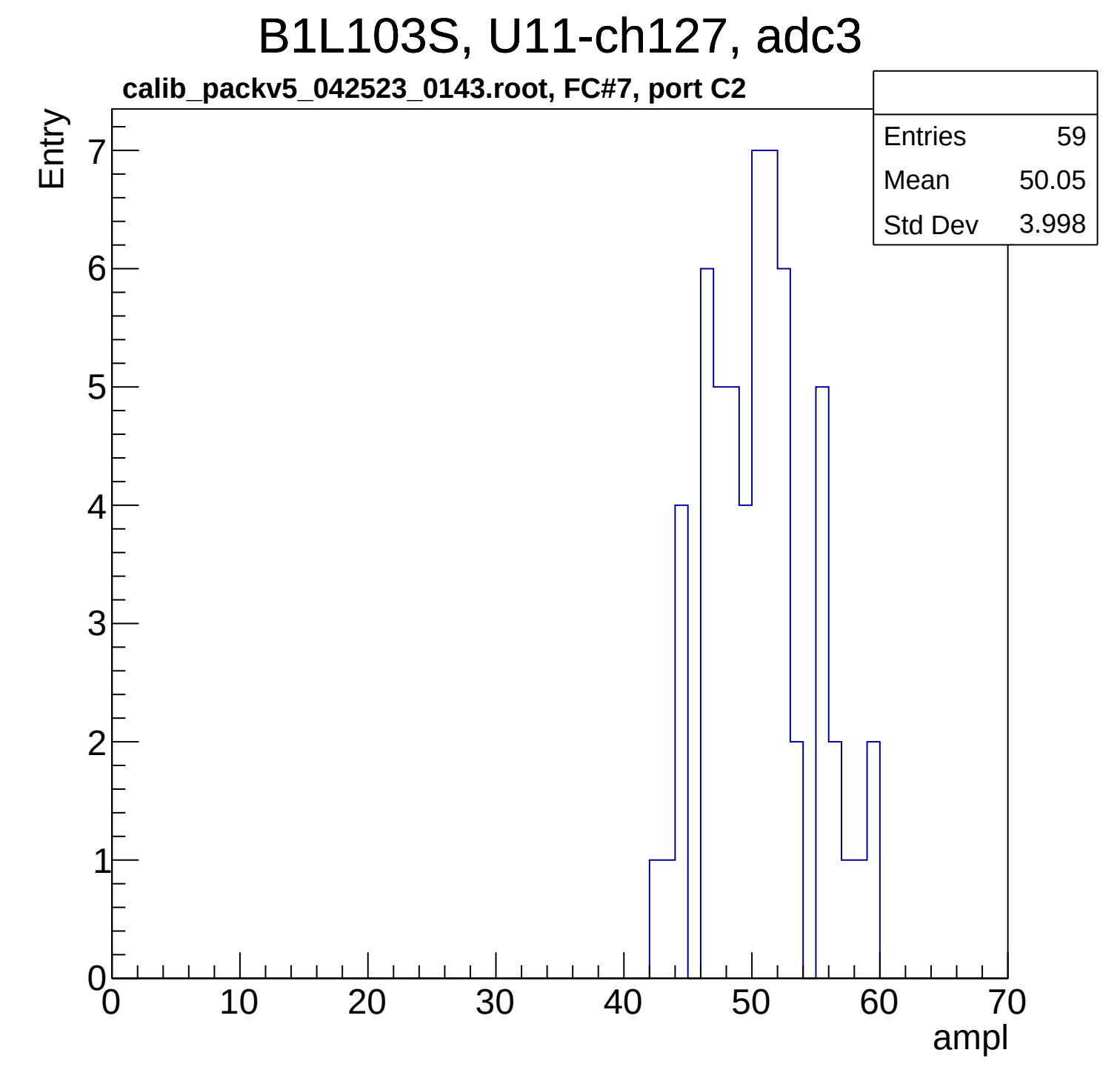
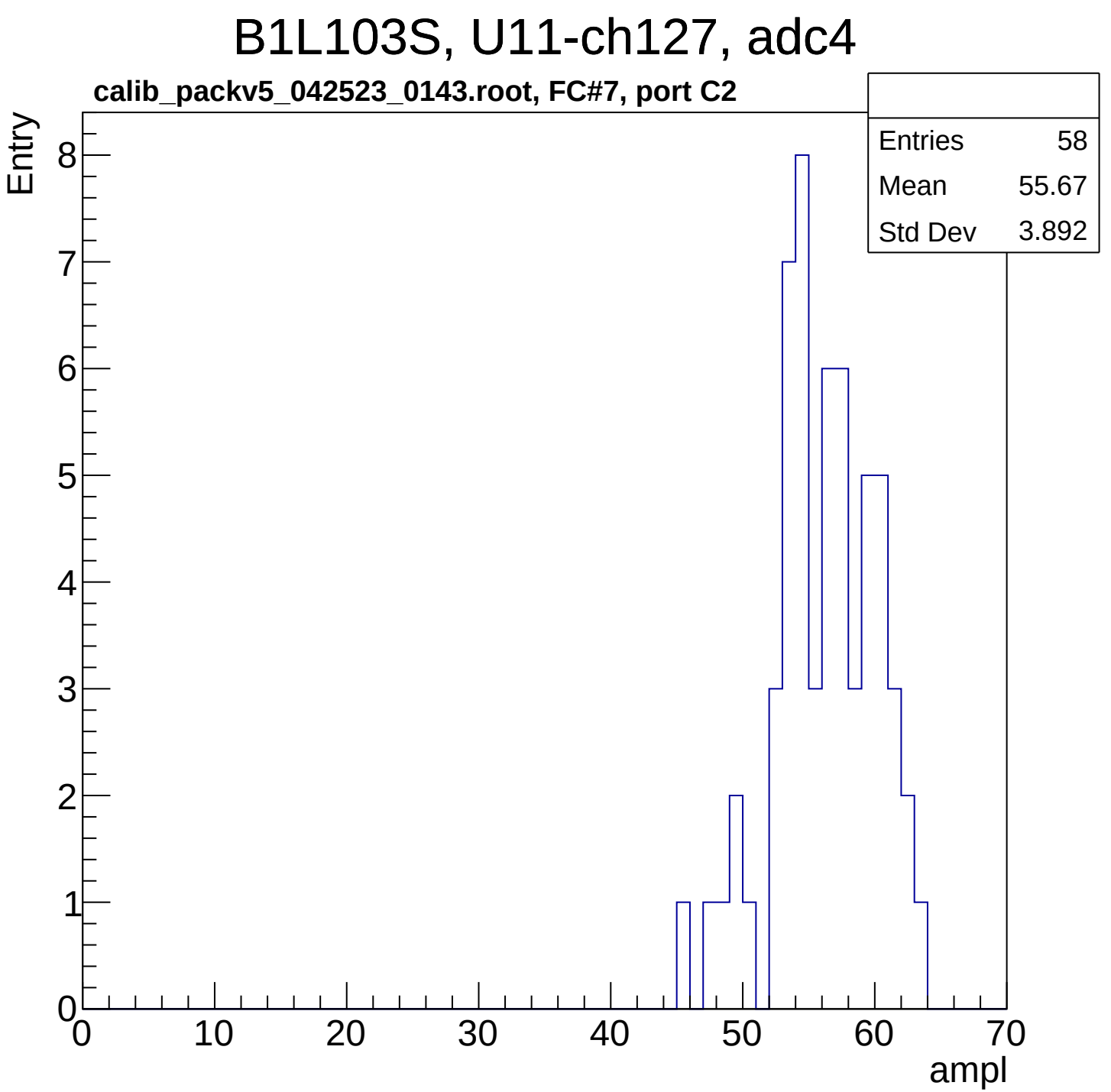
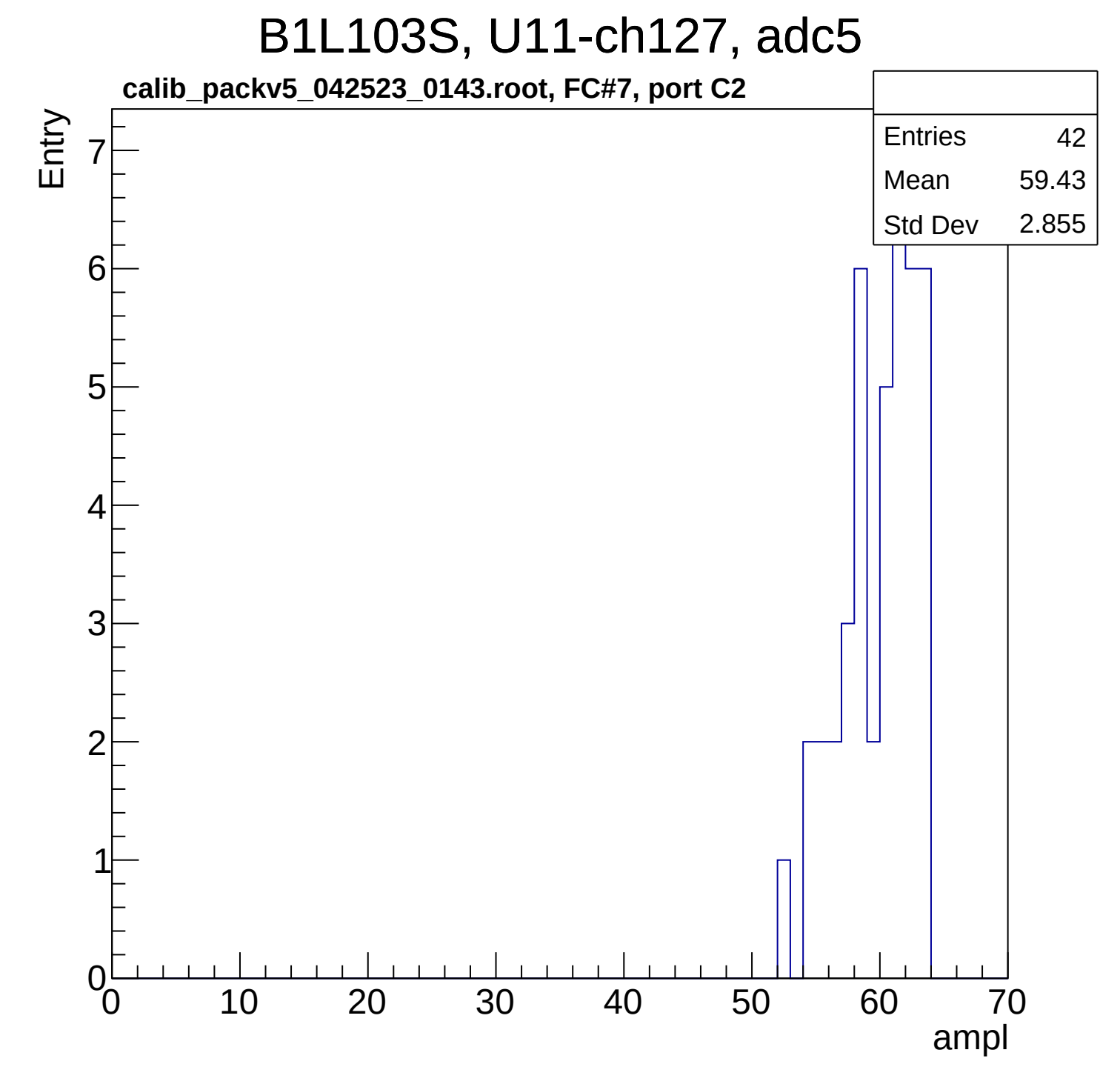
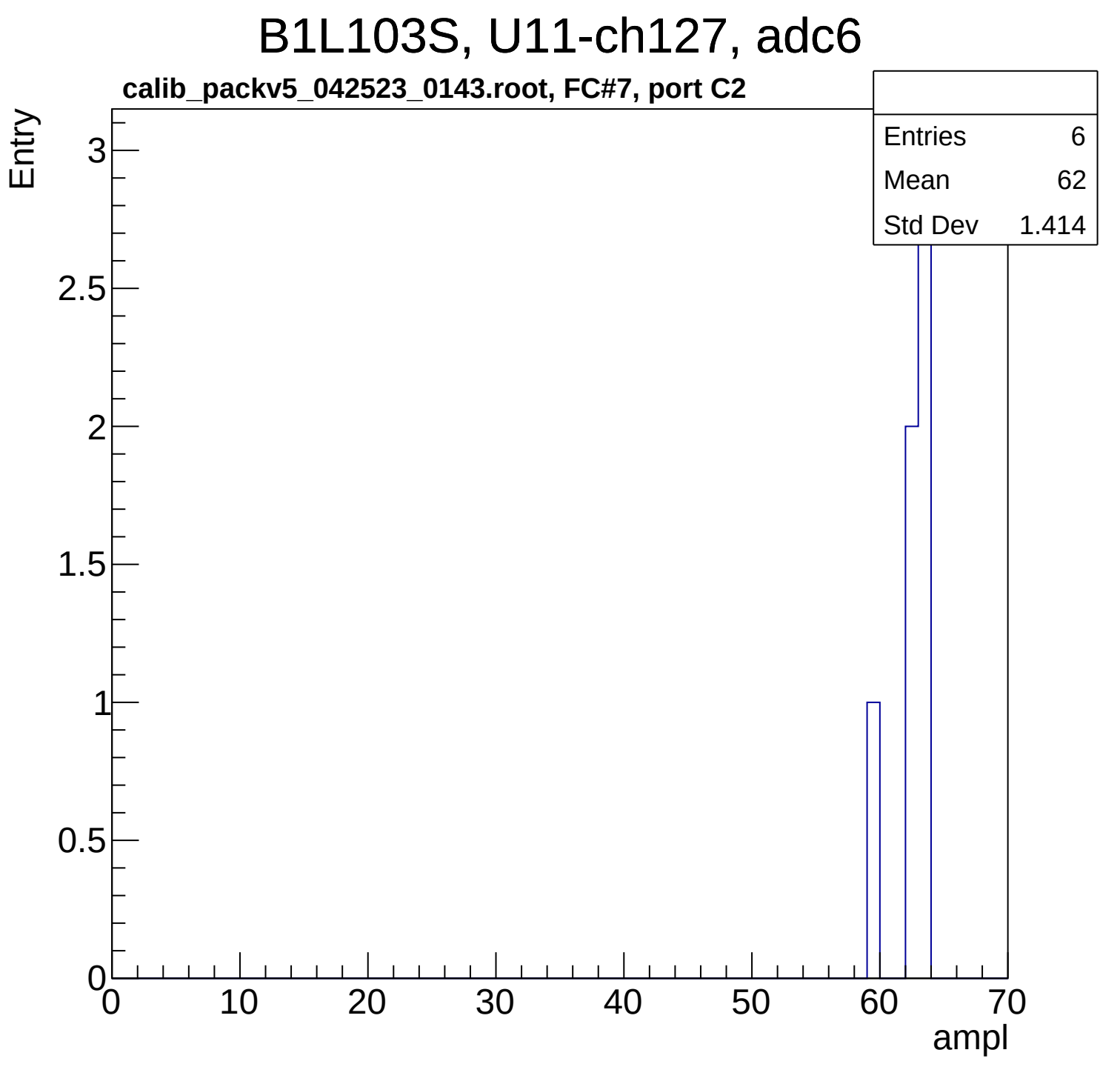

B1L103S, U11-ch127, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 35.85
Std Dev 4.027
Gaus mean : 35.9154
Gaus Width: 4.0544
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

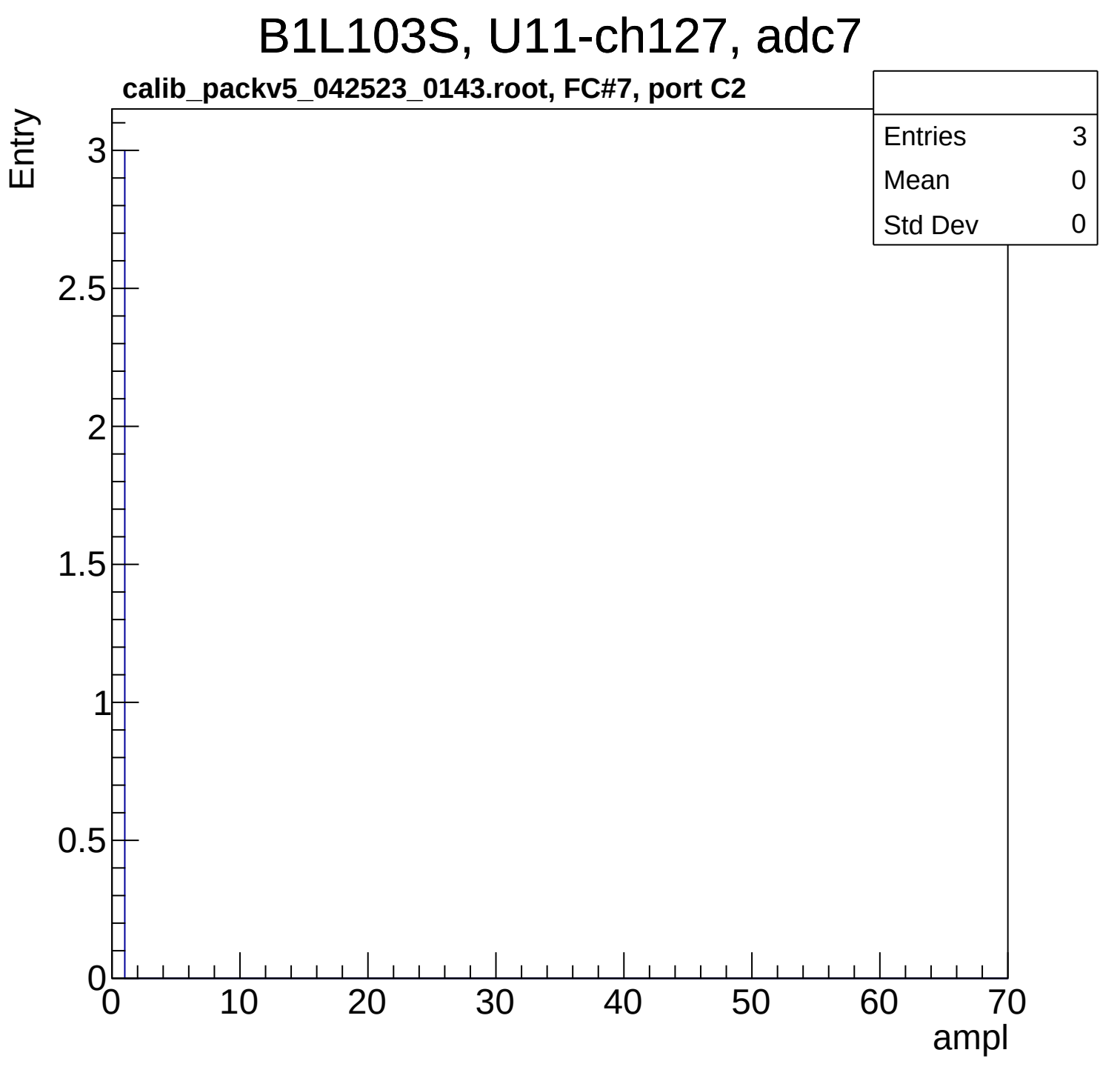

B1L103S, U11-ch127, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 81
Mean 42.9
Std Dev 4.291
Gaus mean : 43.0841
Gaus Width: 5.3763
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

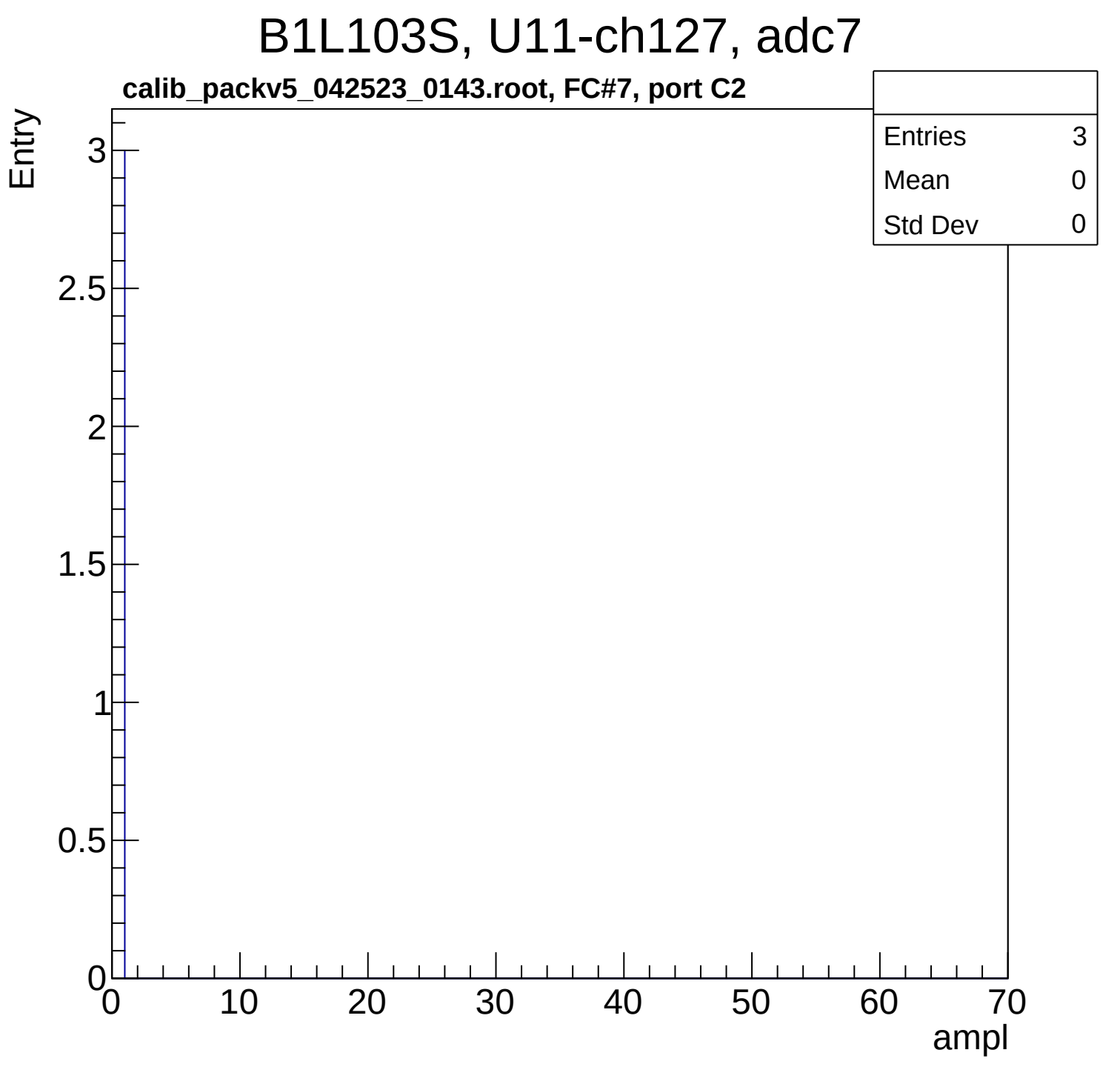

B1L103S, U11-ch127, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 50.05
Std Dev 3.998
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U11-ch127, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 55.67
Std Dev 3.892
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch127, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 42
Mean 59.43
Std Dev 2.855
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U11-ch127, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 6
Mean 62
Std Dev 1.414
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U11-ch127, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 0
Std Dev 0
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L103S, U11-ch127, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 0
Std Dev 0
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl