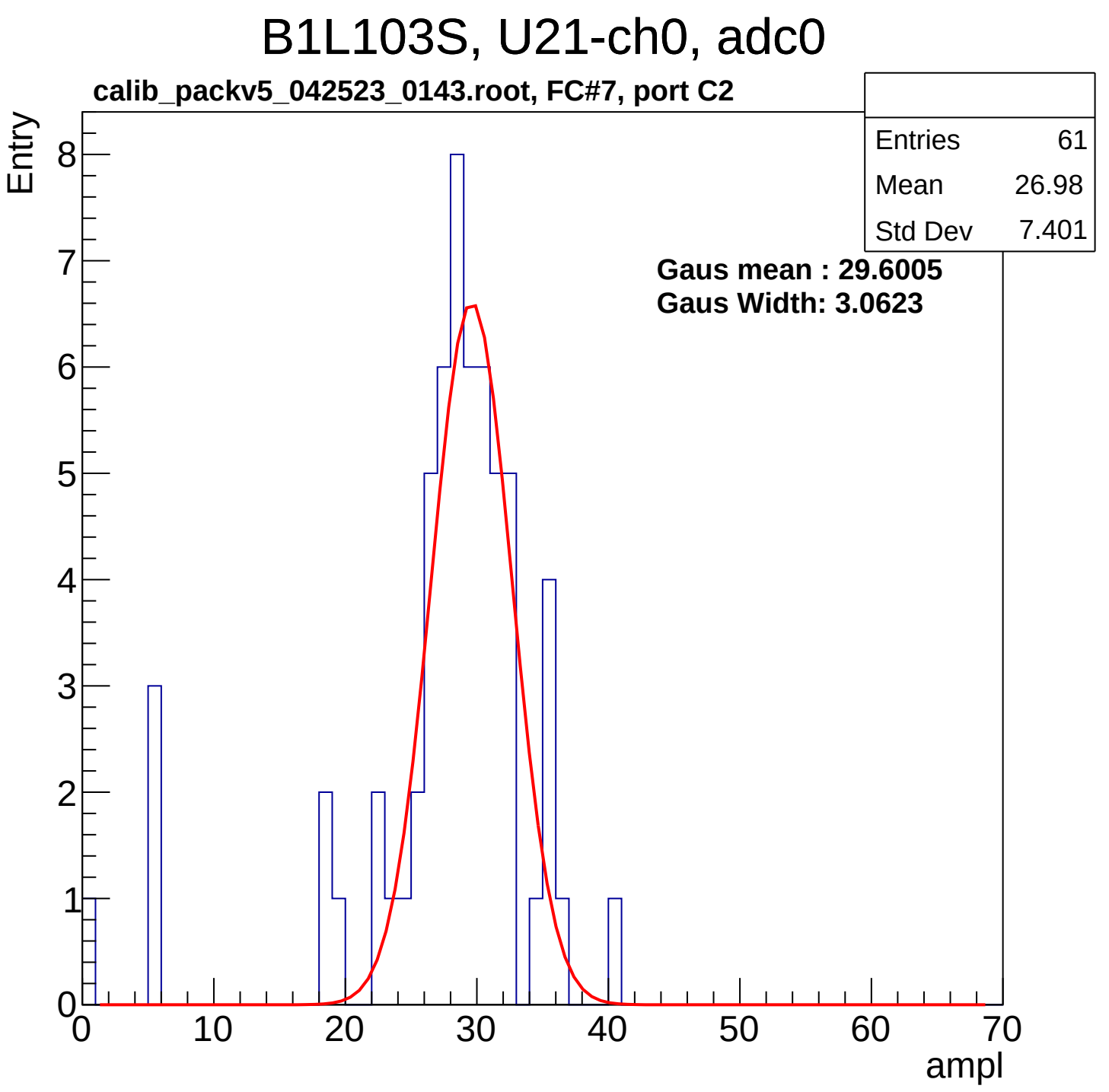
B1L103S, U21-ch0, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 26.98
Std Dev 7.401
Gaus mean : 29.6005
Gaus Width: 3.0623
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
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40
50
60
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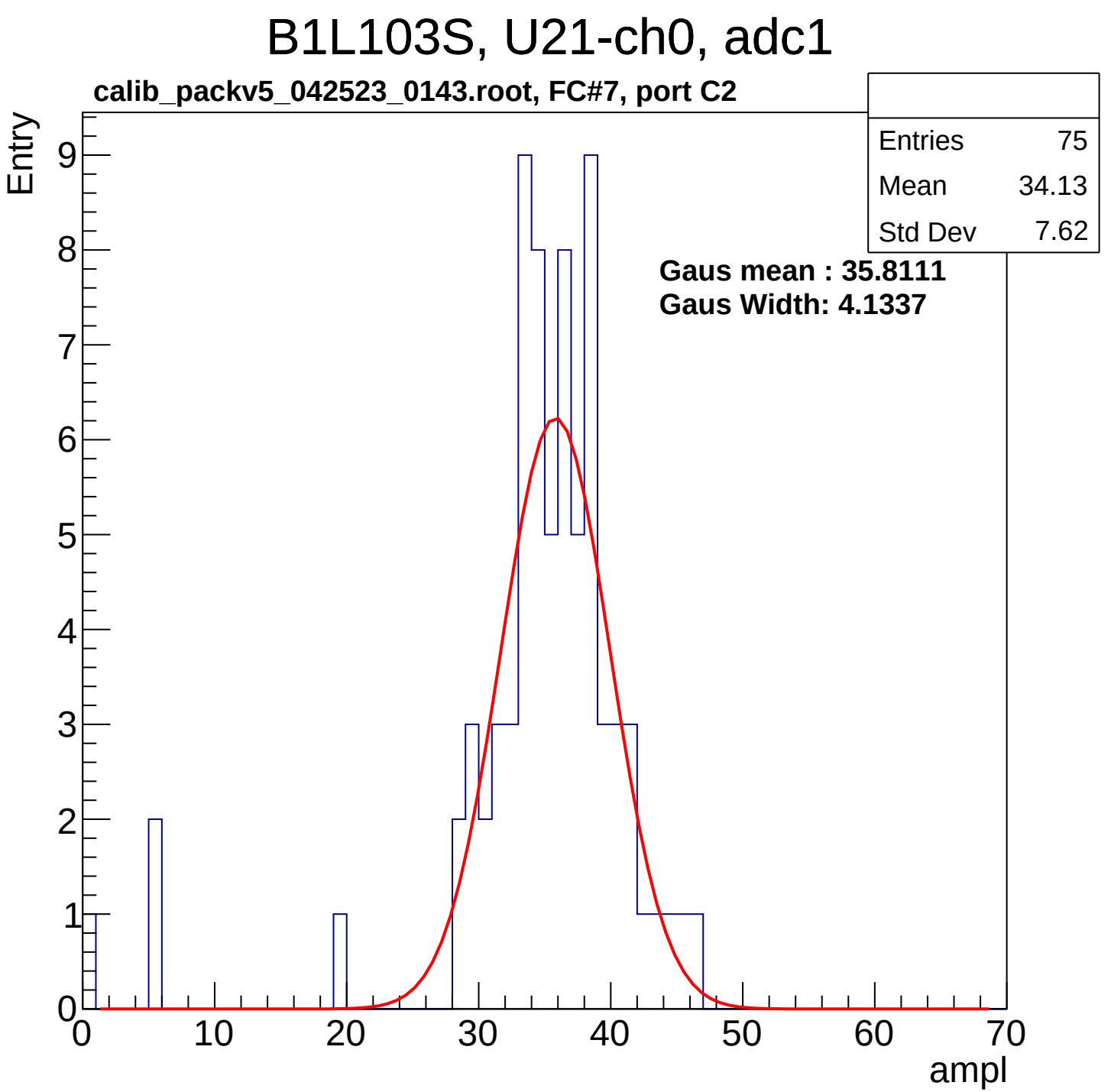
B1L103S, U21-ch0, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 75
Mean 34.13
Std Dev 7.62
Gaus mean : 35.8111
Gaus Width: 4.1337
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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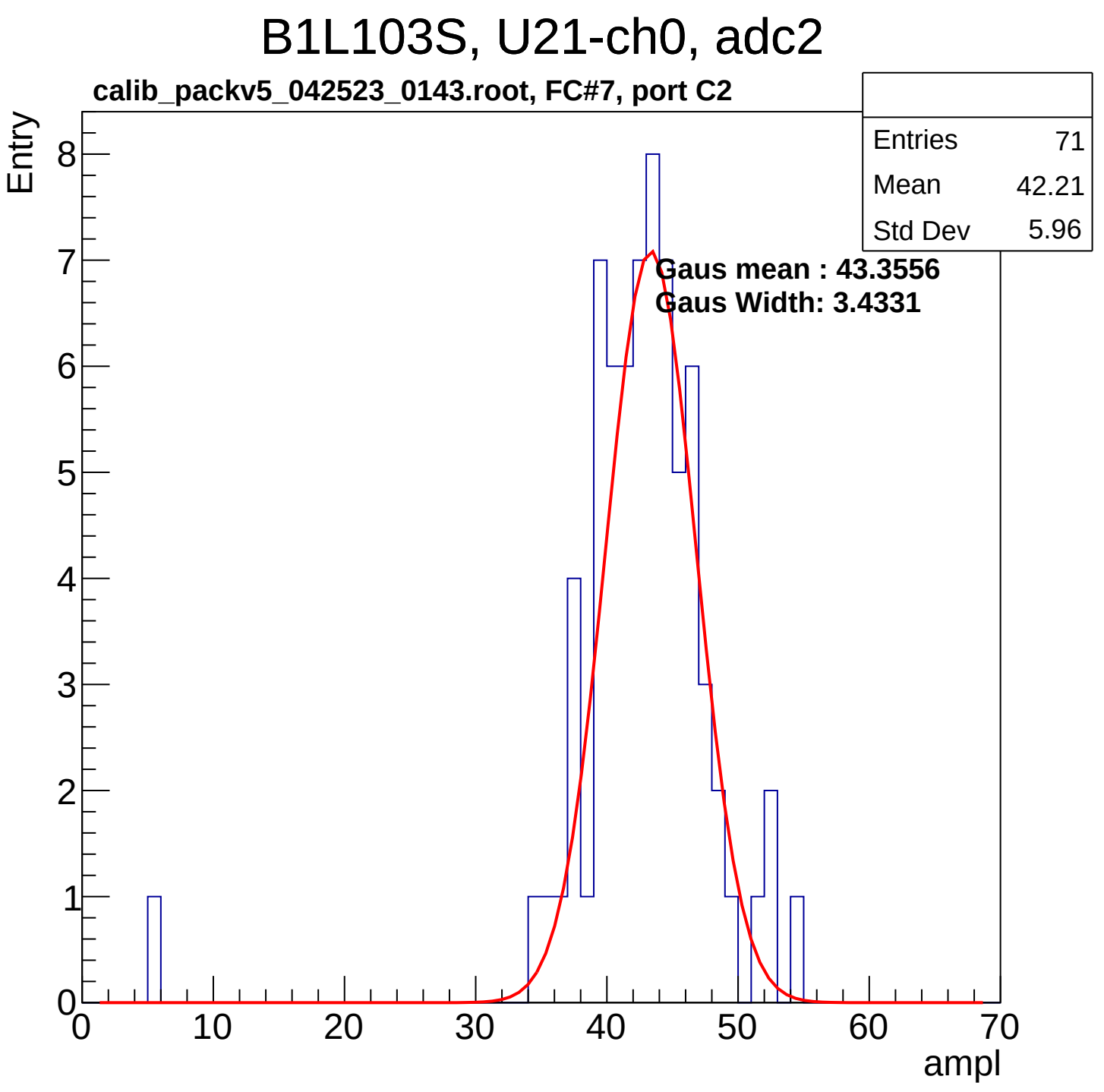
B1L103S, U21-ch0, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 42.21
Std Dev 5.96
Gaus mean : 43.3556
Gaus Width: 3.4331
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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60
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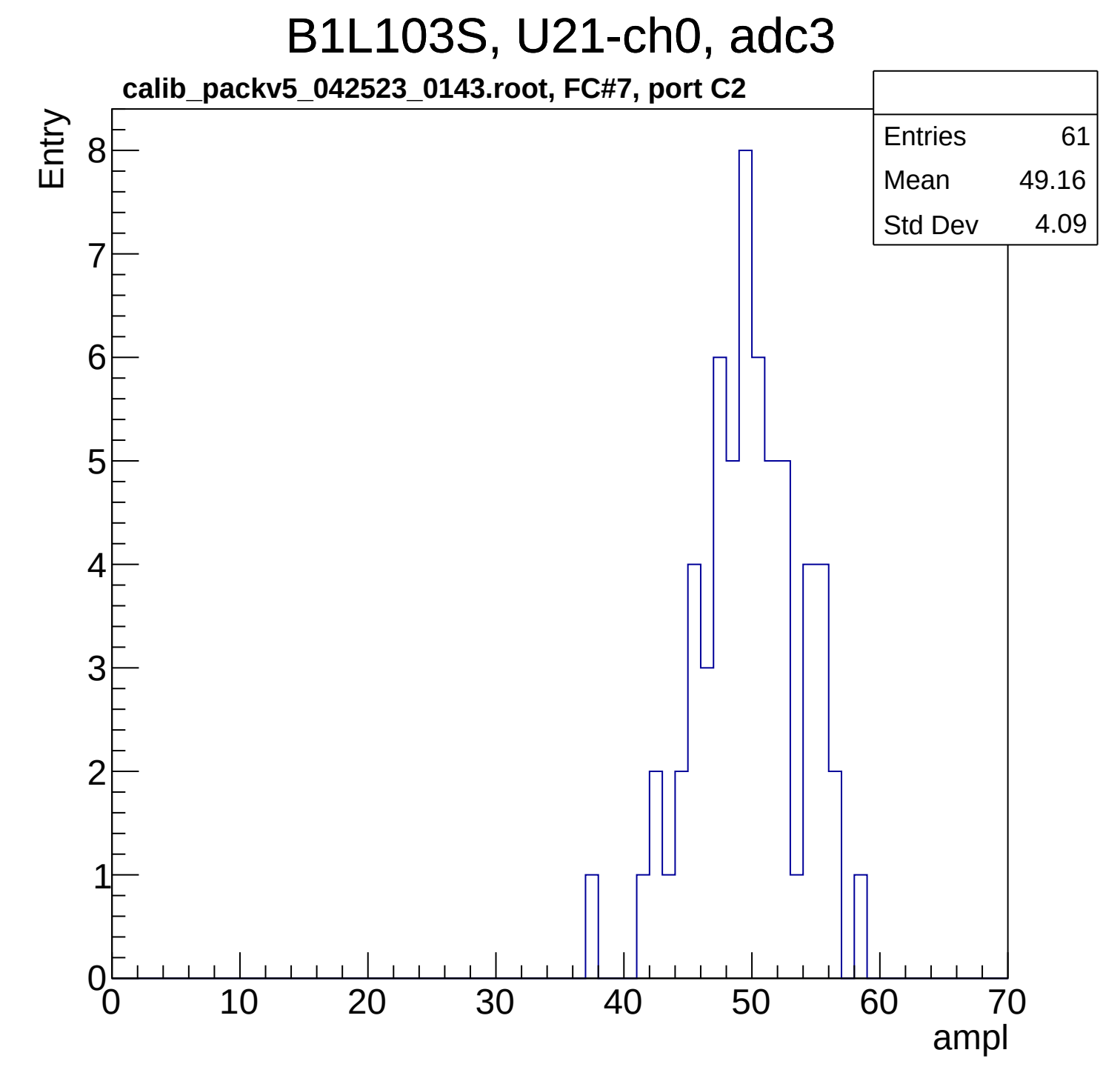
B1L103S, U21-ch0, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 49.16
Std Dev 4.09
Entry
ampl
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1
2
3
4
5
6
7
8
0
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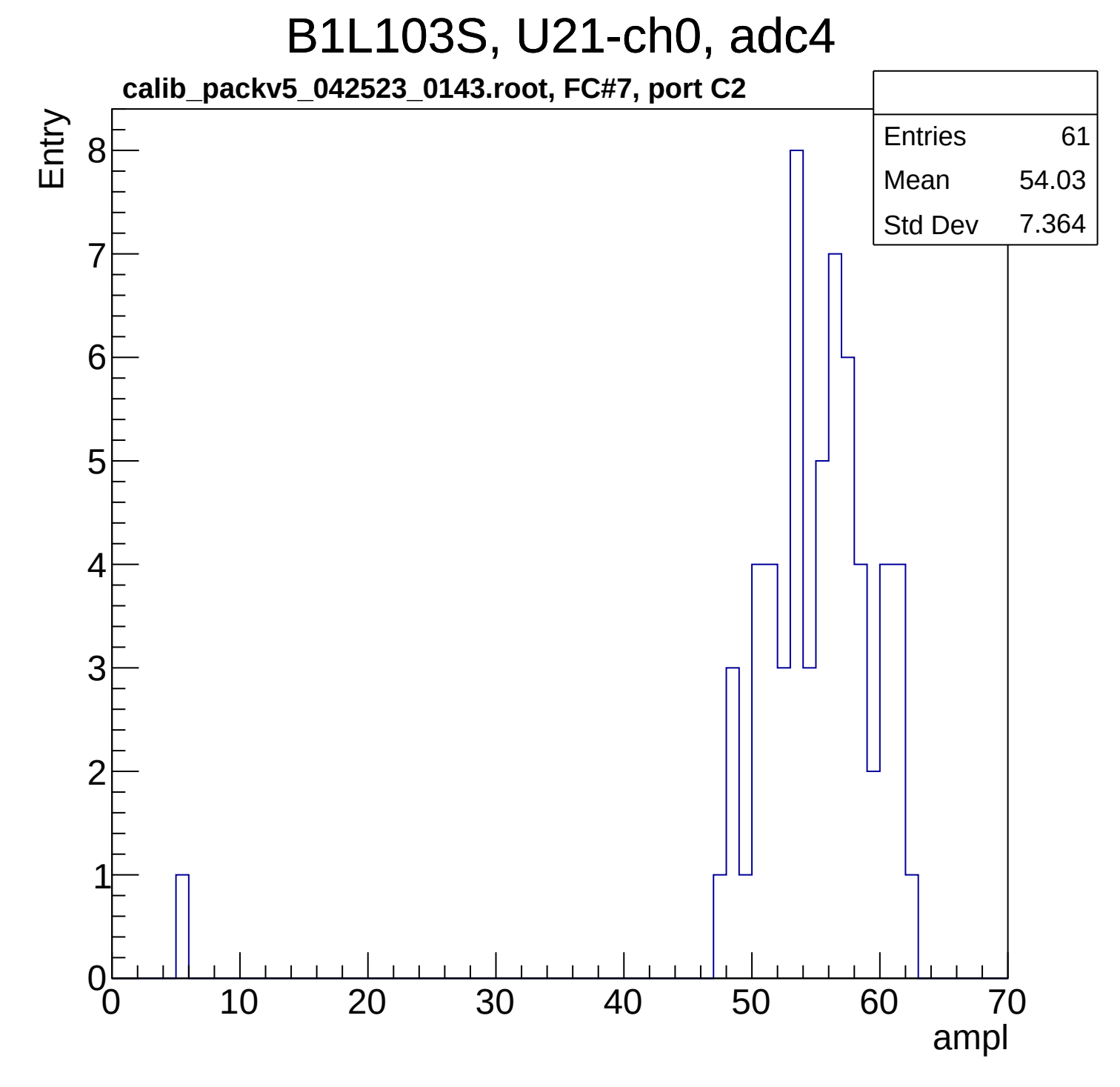
B1L103S, U21-ch0, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 54.03
Std Dev 7.364
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
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60
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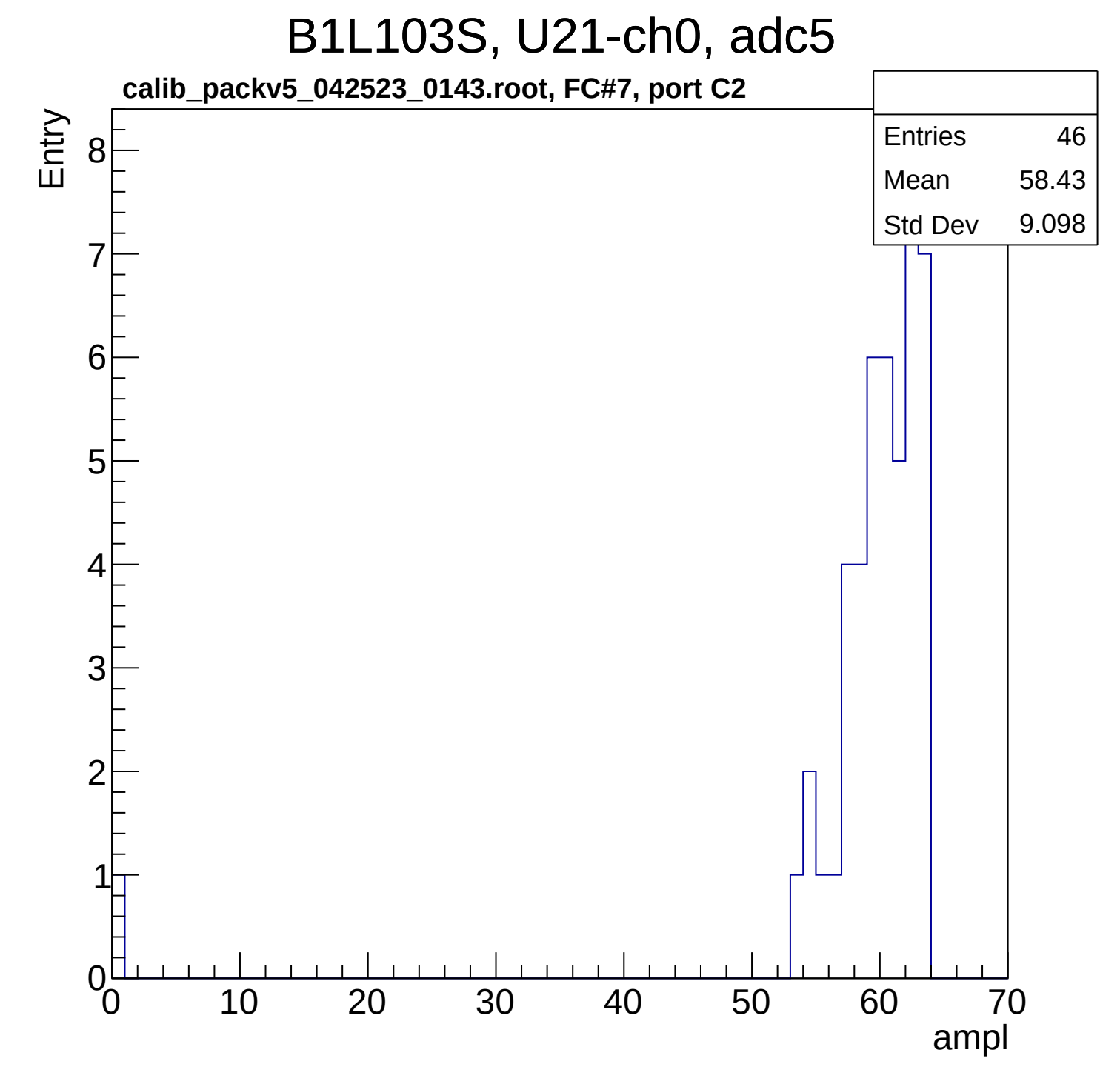
B1L103S, U21-ch0, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 46
Mean 58.43
Std Dev 9.098
Entry
ampl
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1
2
3
4
5
6
7
8
0
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60
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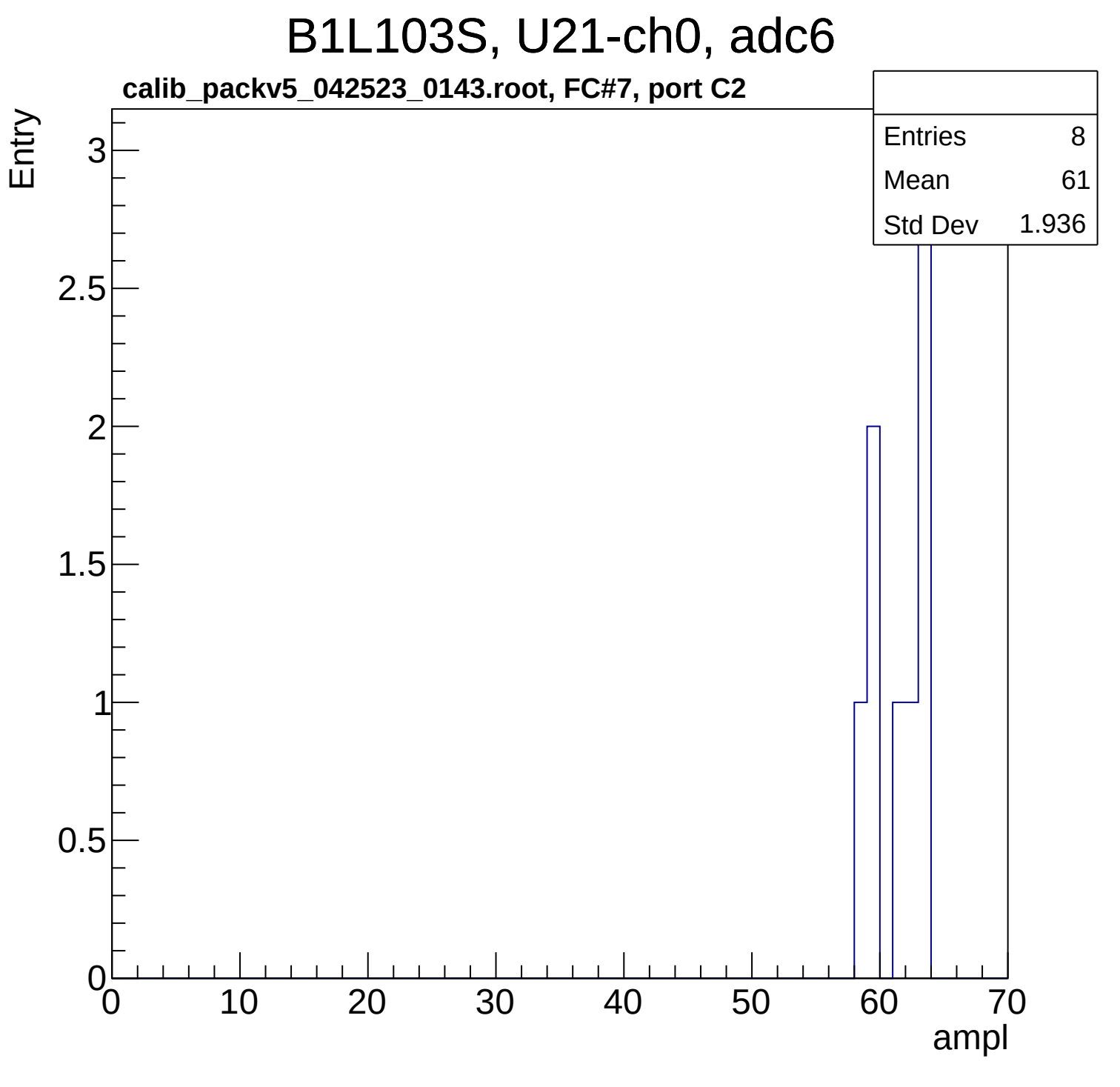
B1L103S, U21-ch0, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 8
Mean 61
Std Dev 1.936
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
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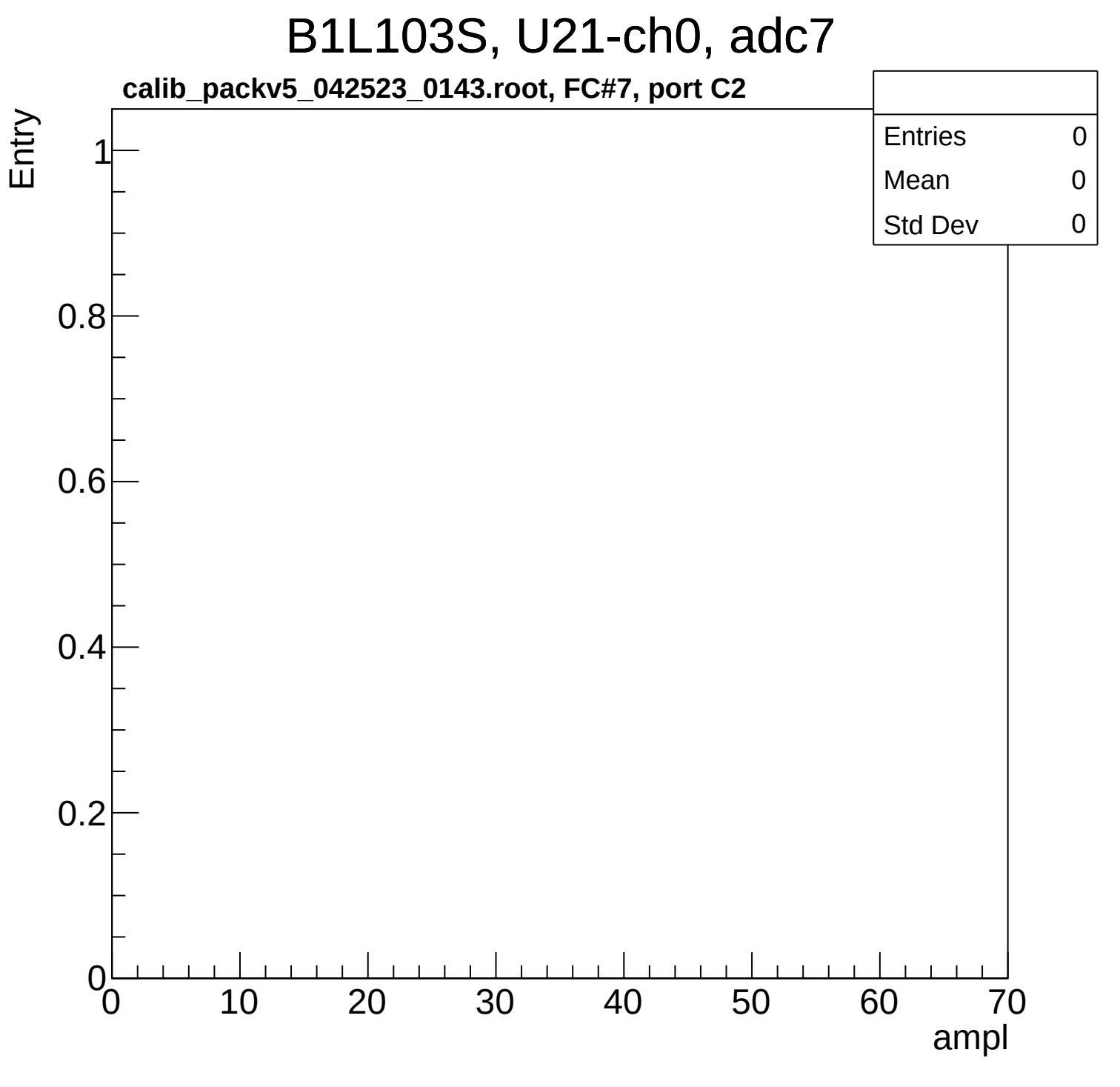
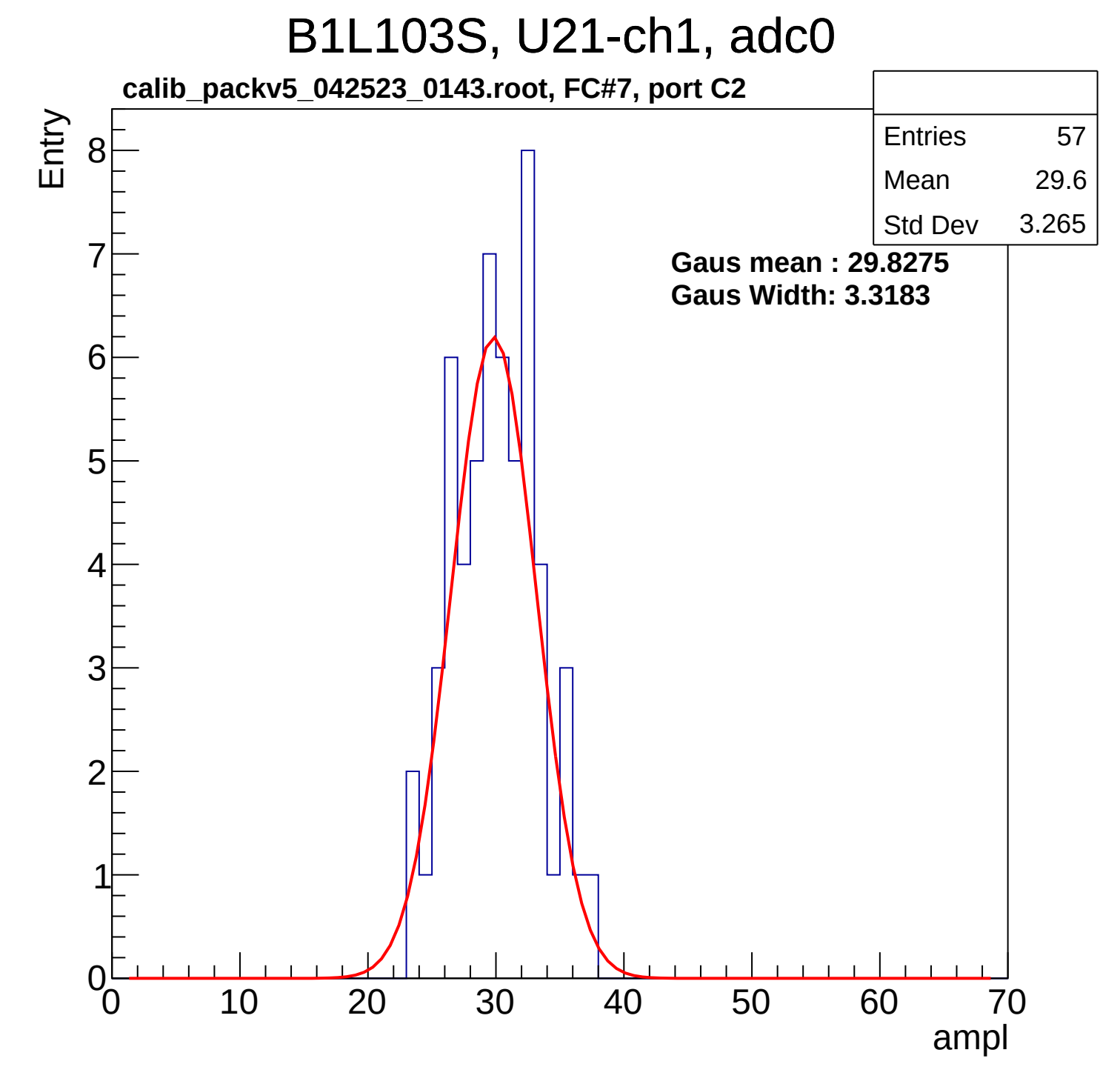

B1L103S, U21-ch0, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch1, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 29.6
Std Dev 3.265
Gaus mean : 29.8275
Gaus Width: 3.3183
Entry
ampl
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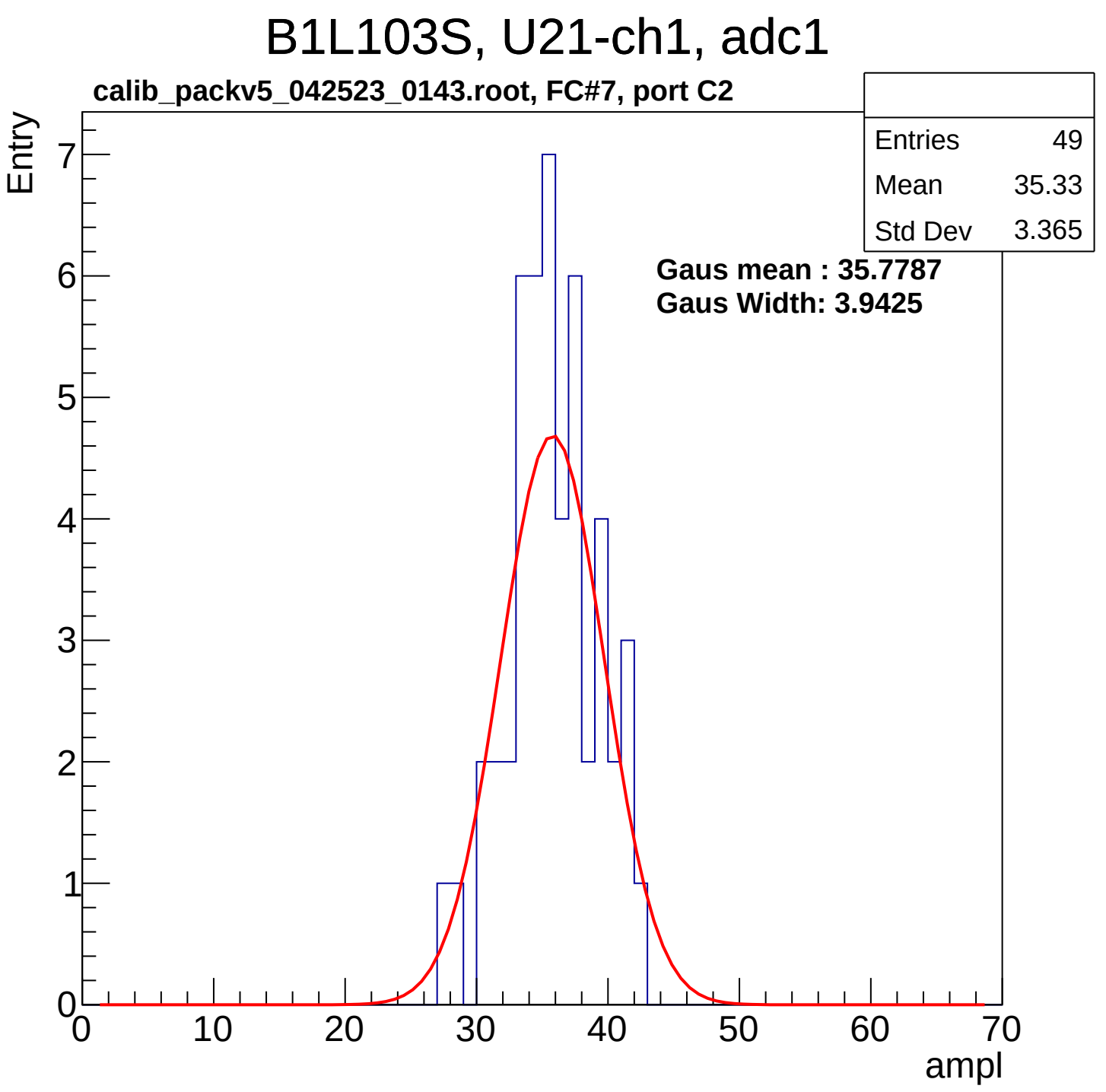
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch1, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 35.33
Std Dev 3.365
Gaus mean : 35.7787
Gaus Width: 3.9425
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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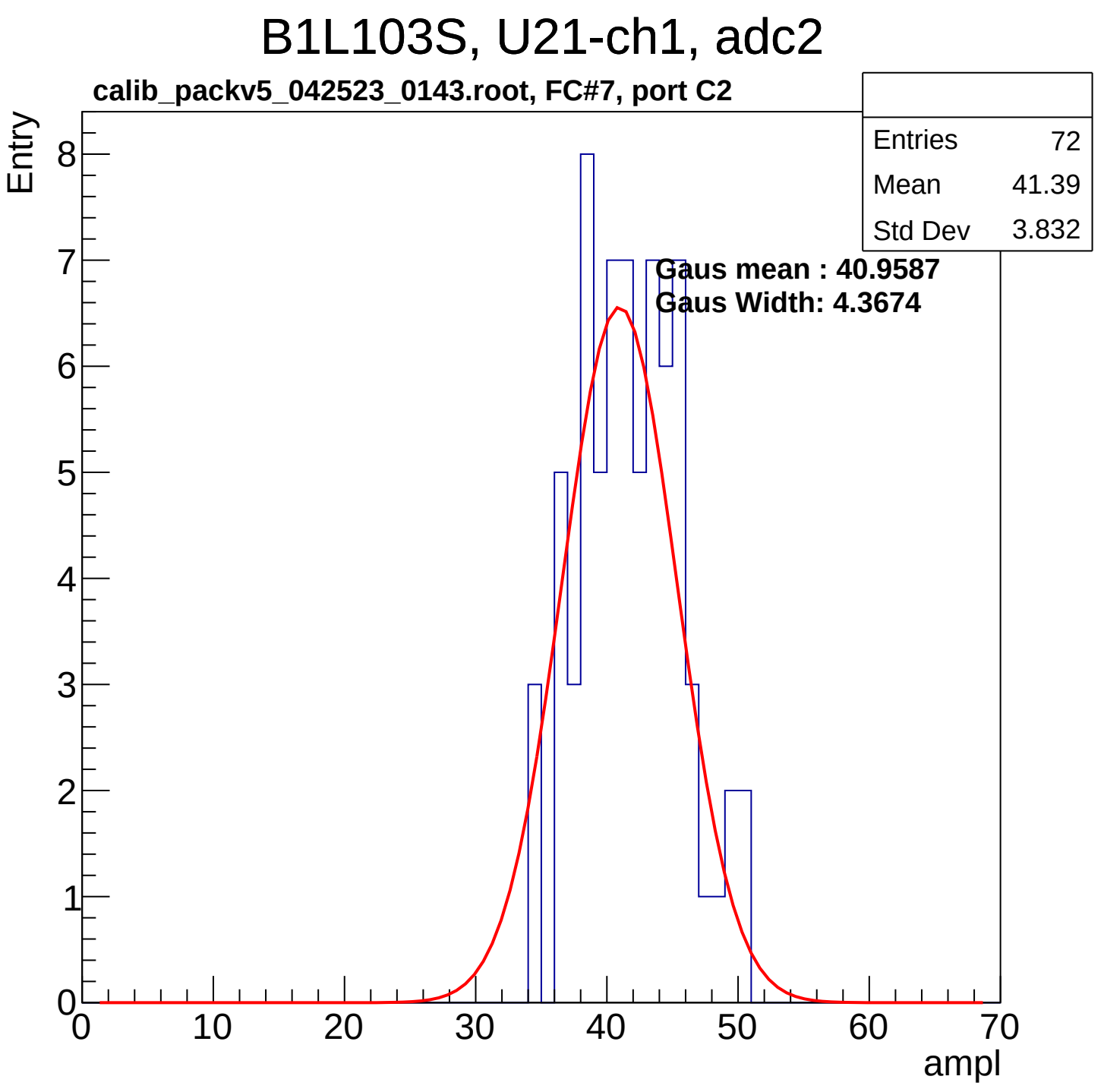
B1L103S, U21-ch1, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 41.39
Std Dev 3.832
Gaus mean : 40.9587
Gaus Width: 4.3674
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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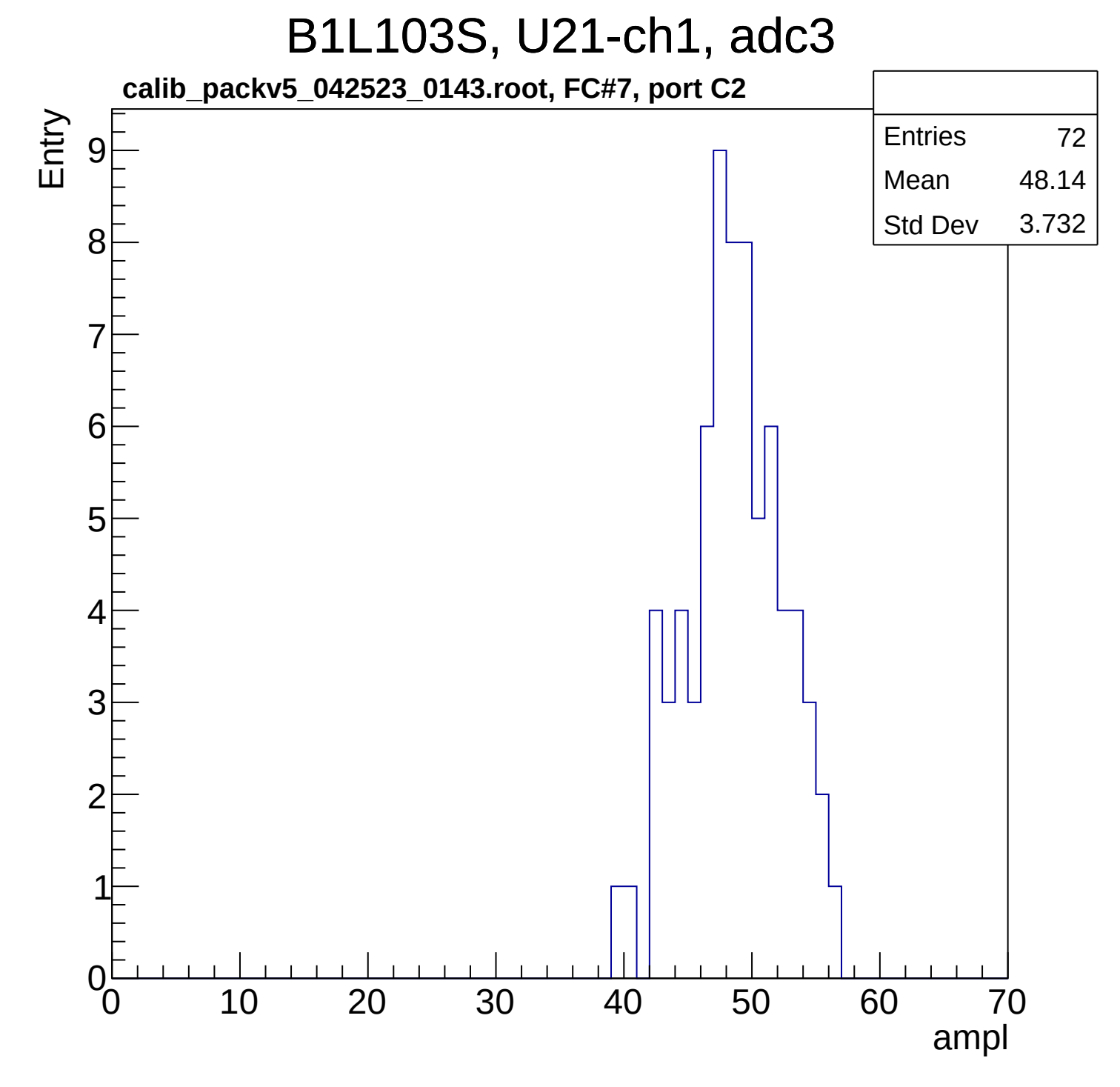
B1L103S, U21-ch1, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 48.14
Std Dev 3.732
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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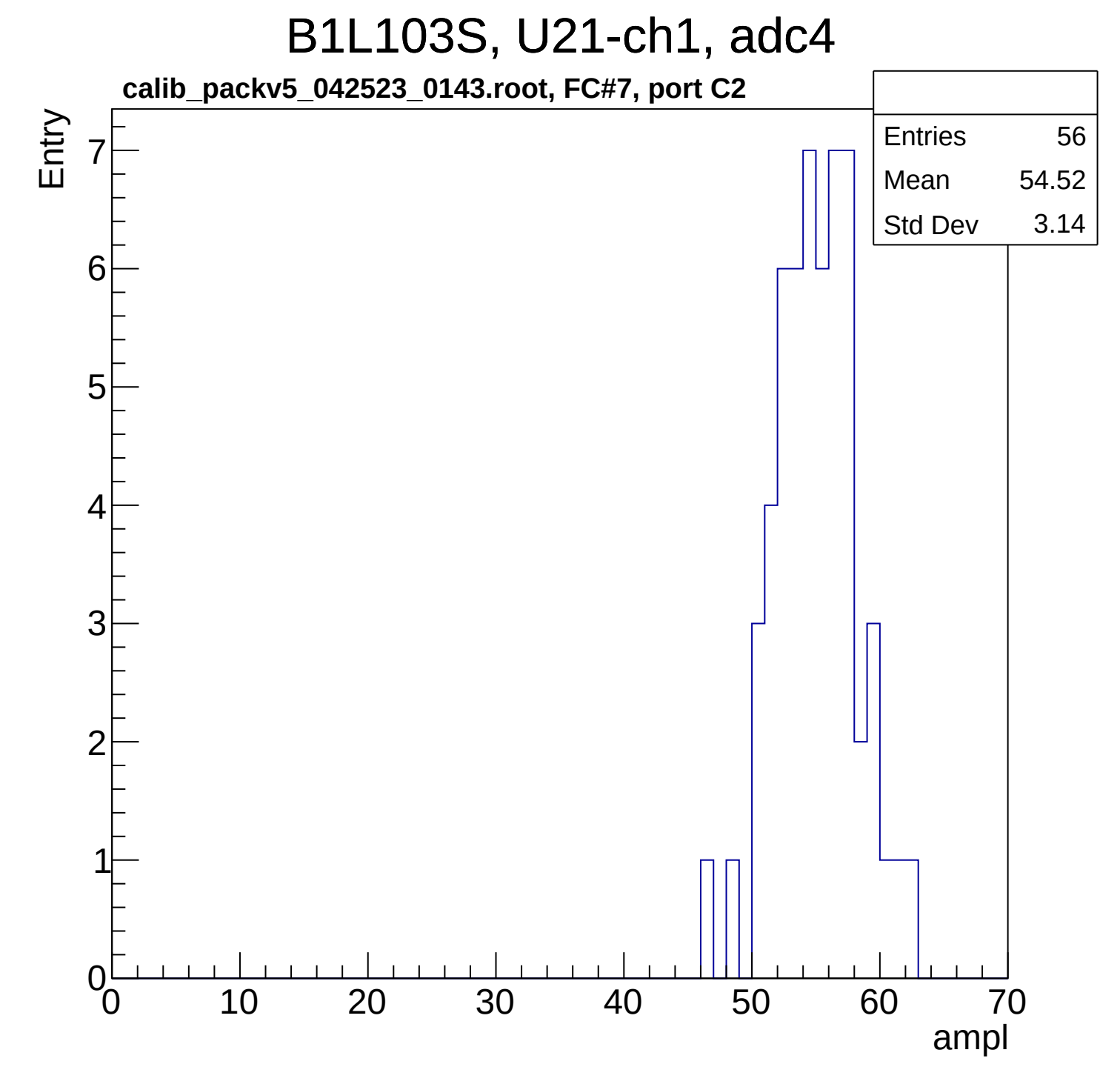
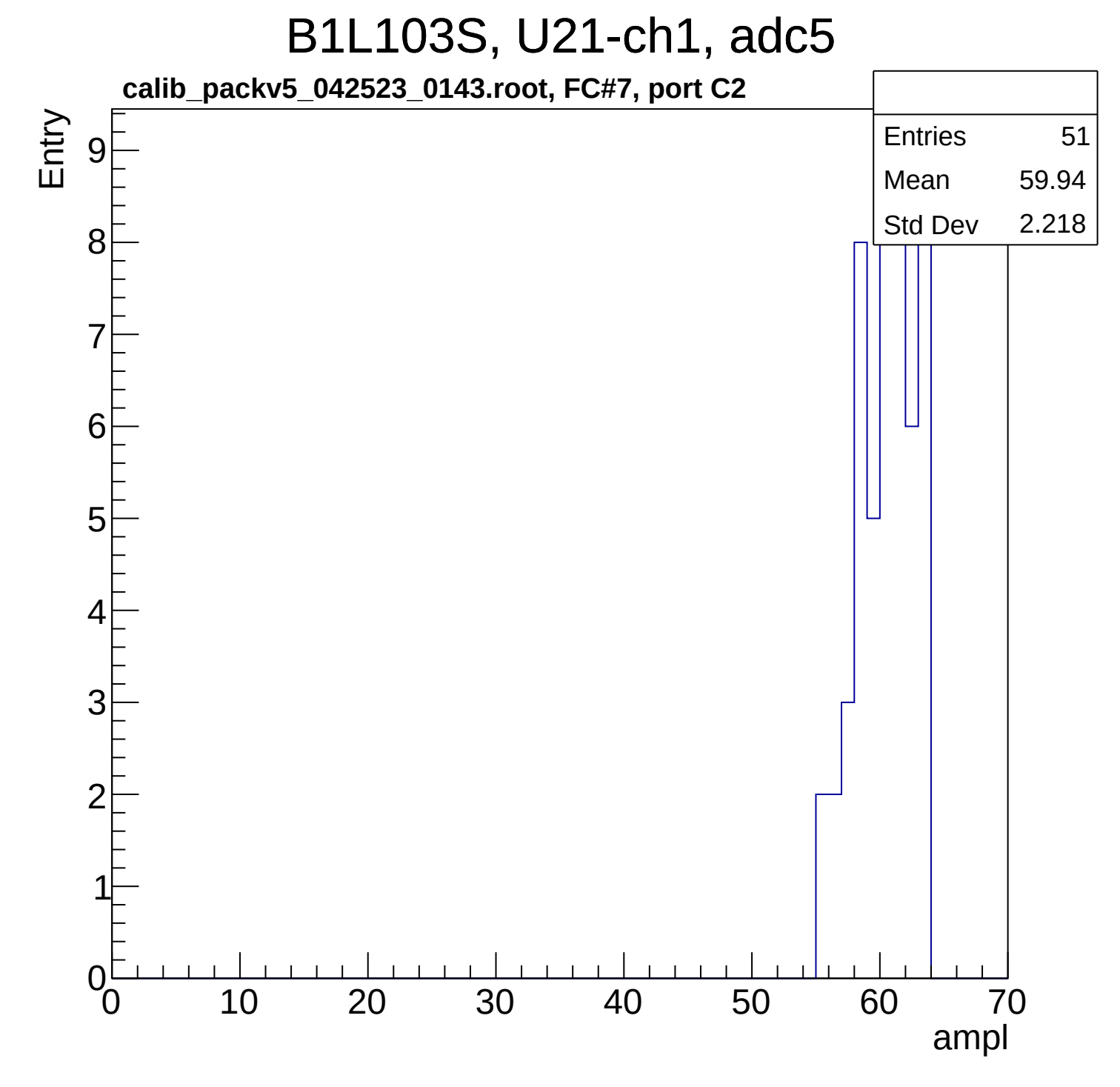

B1L103S, U21-ch1, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 54.52
Std Dev 3.14
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch1, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 59.94
Std Dev 2.218
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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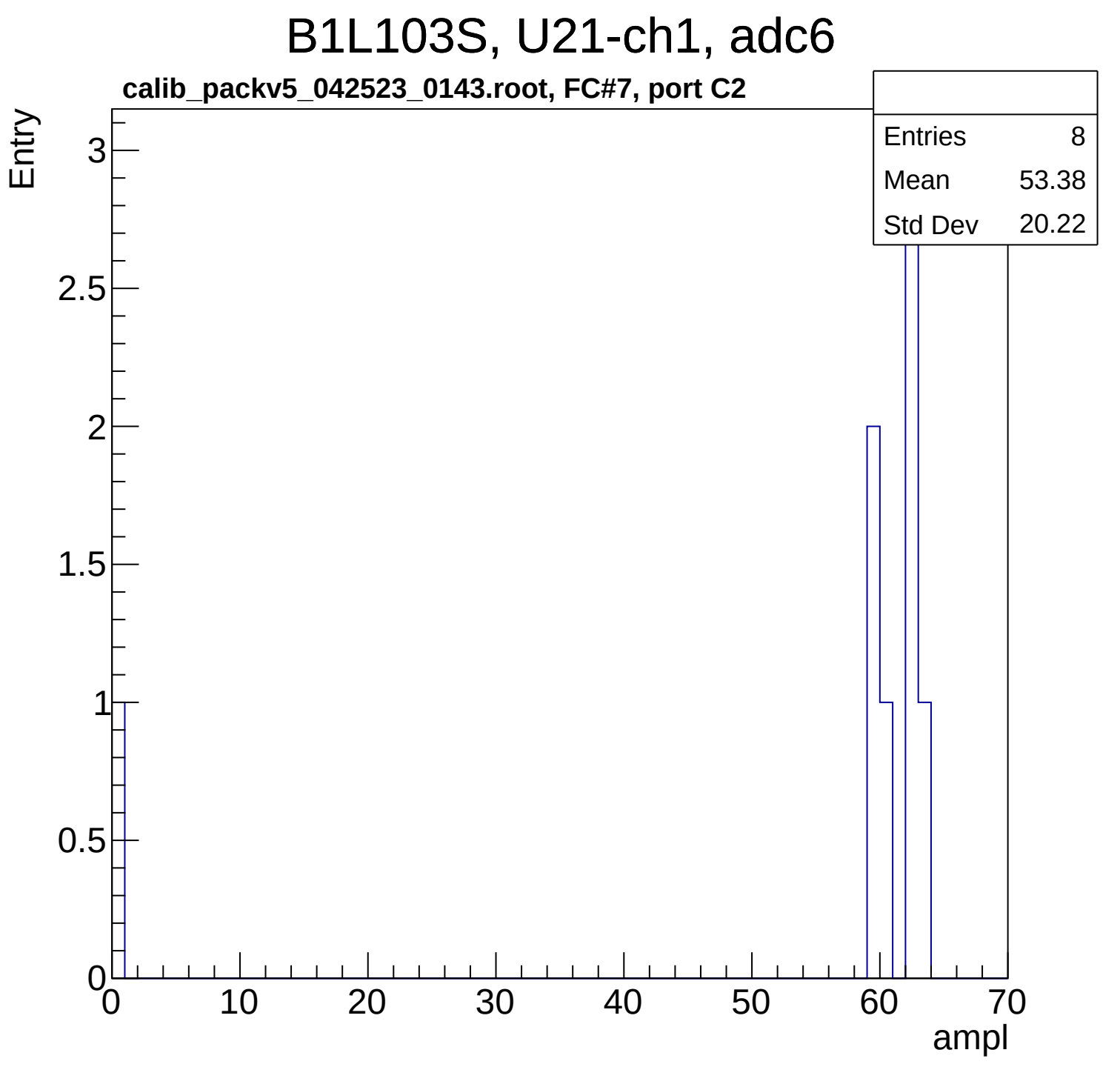
B1L103S, U21-ch1, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 8
Mean 53.38
Std Dev 20.22
Entry
ampl
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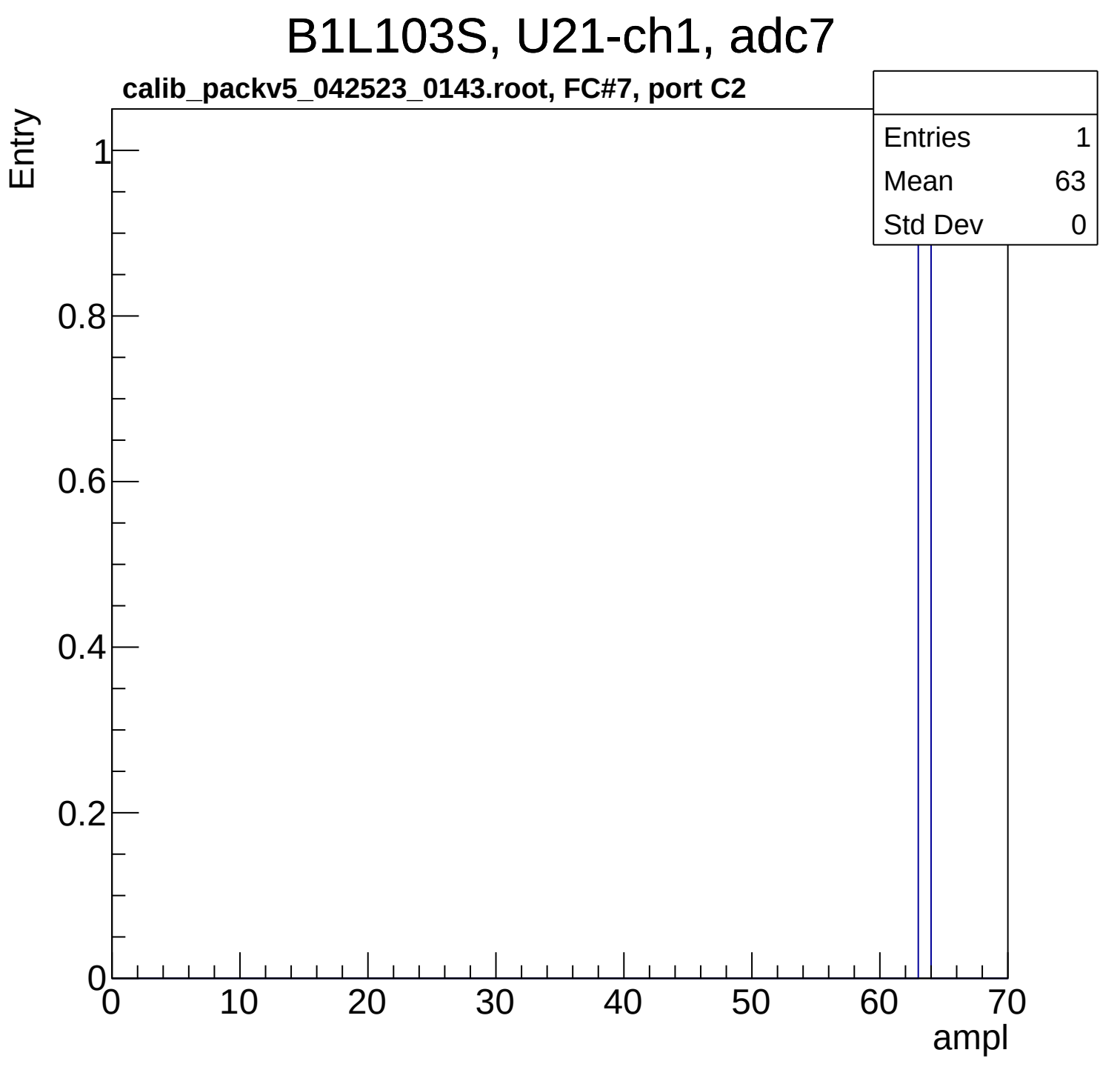
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U21-ch1, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 63
Std Dev 0
Entry
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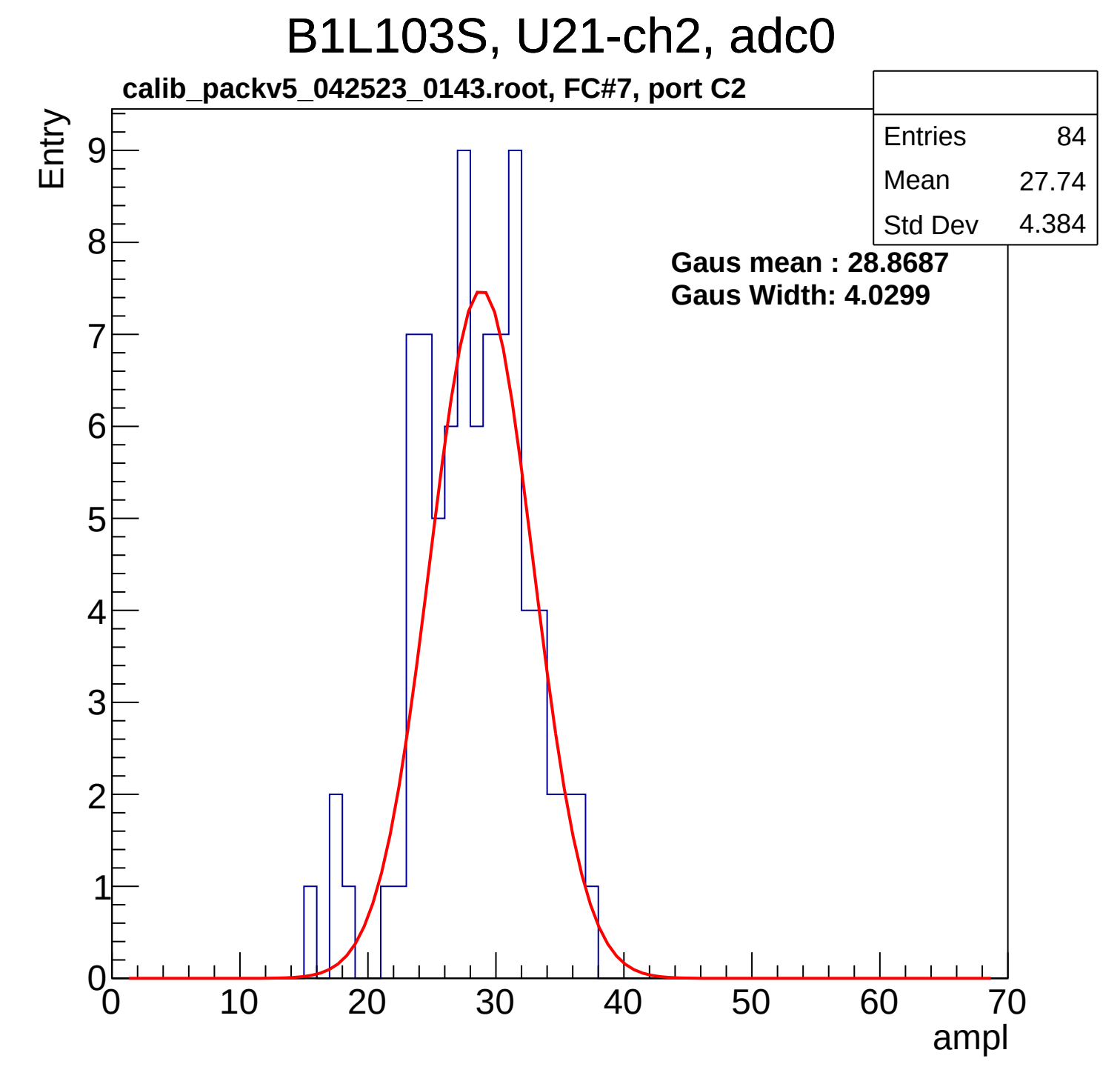
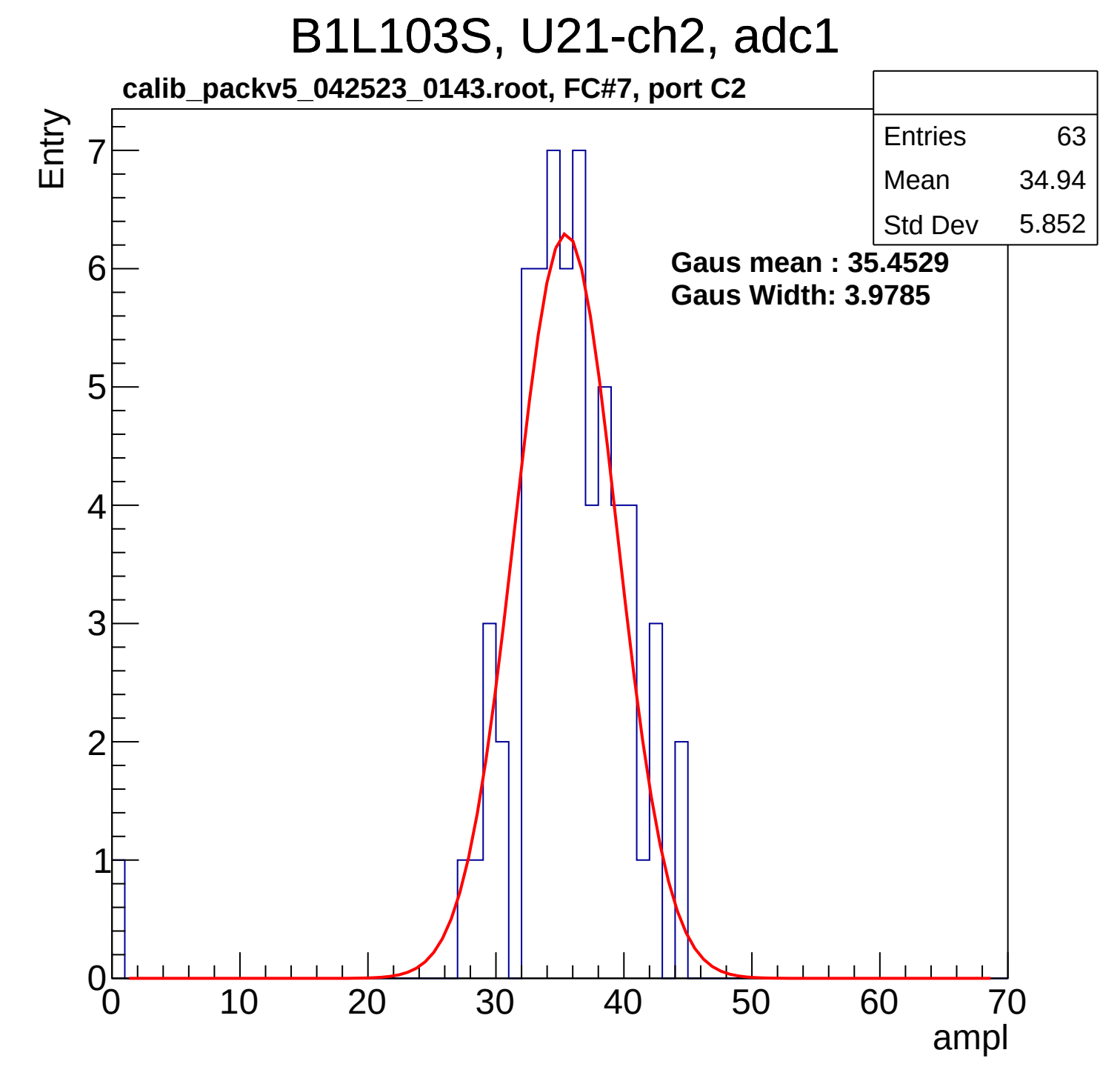
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch2, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 84
Mean 27.74
Std Dev 4.384
Gaus mean : 28.8687
Gaus Width: 4.0299
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch2, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 34.94
Std Dev 5.852
Gaus mean : 35.4529
Gaus Width: 3.9785
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
30
40
50
60
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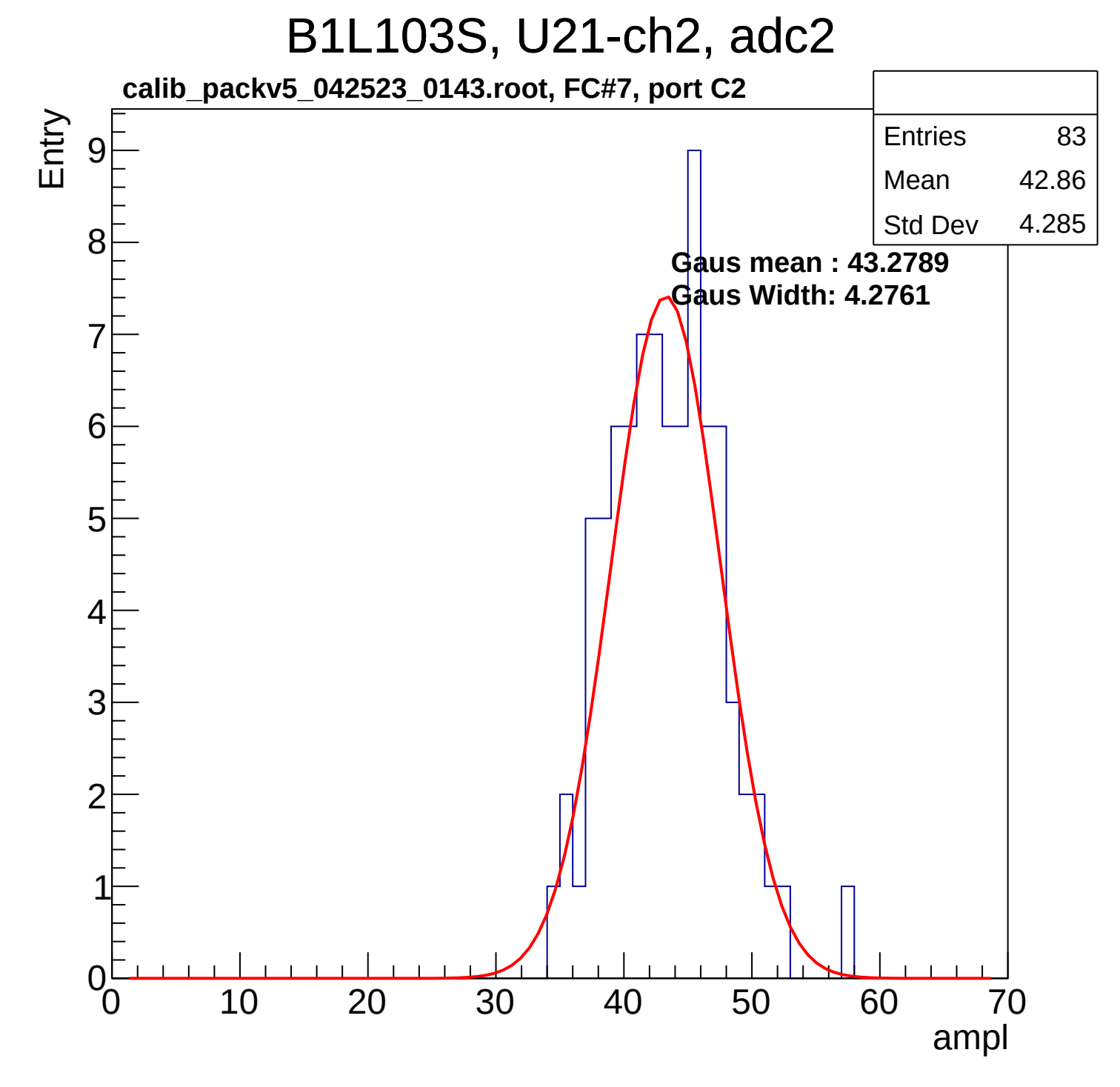
B1L103S, U21-ch2, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 83
Mean 42.86
Std Dev 4.285
Gaus mean : 43.2789
Gaus Width: 4.2761
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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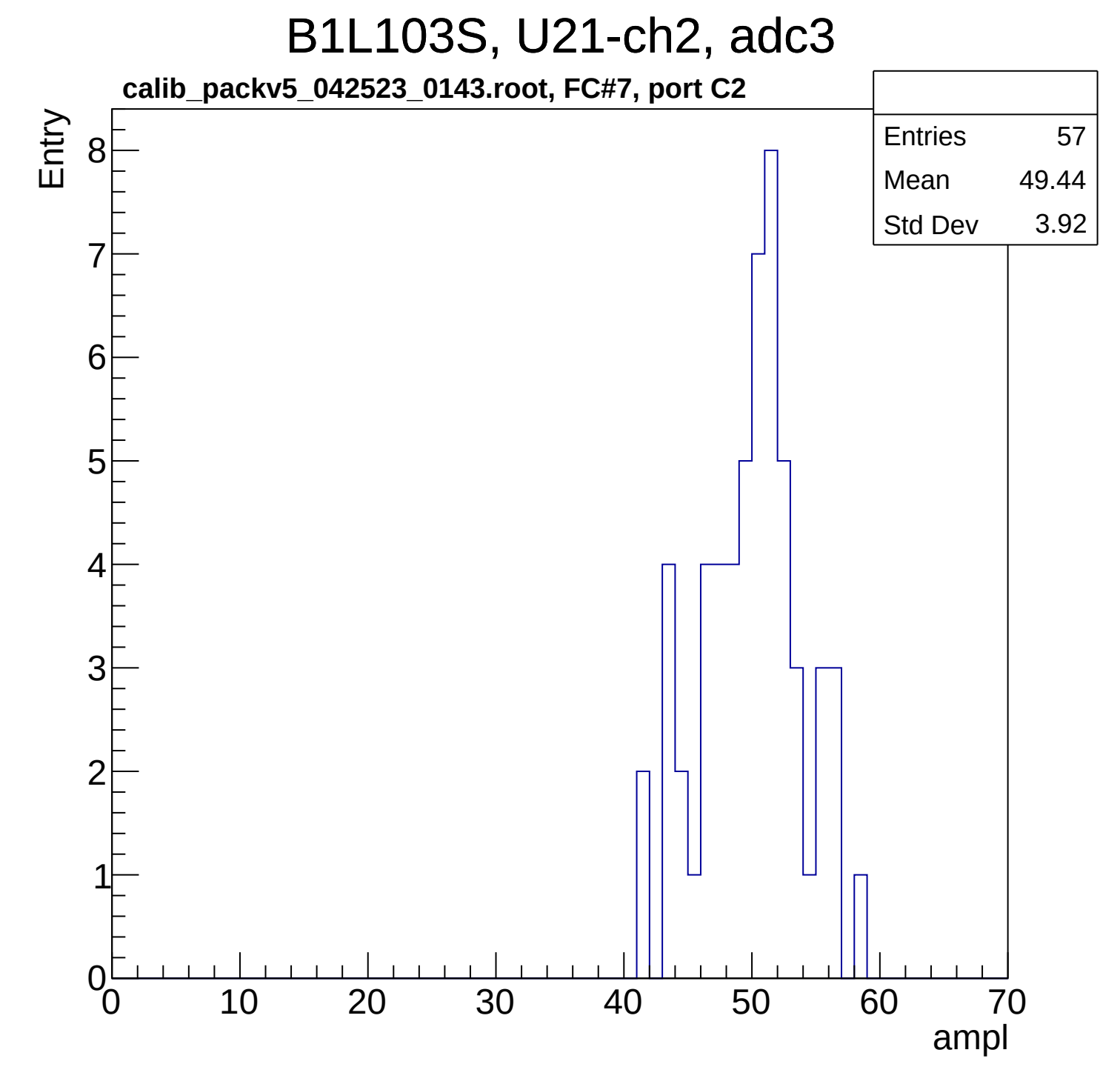
B1L103S, U21-ch2, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 49.44
Std Dev 3.92
Entry
ampl
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1
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3
4
5
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0
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60
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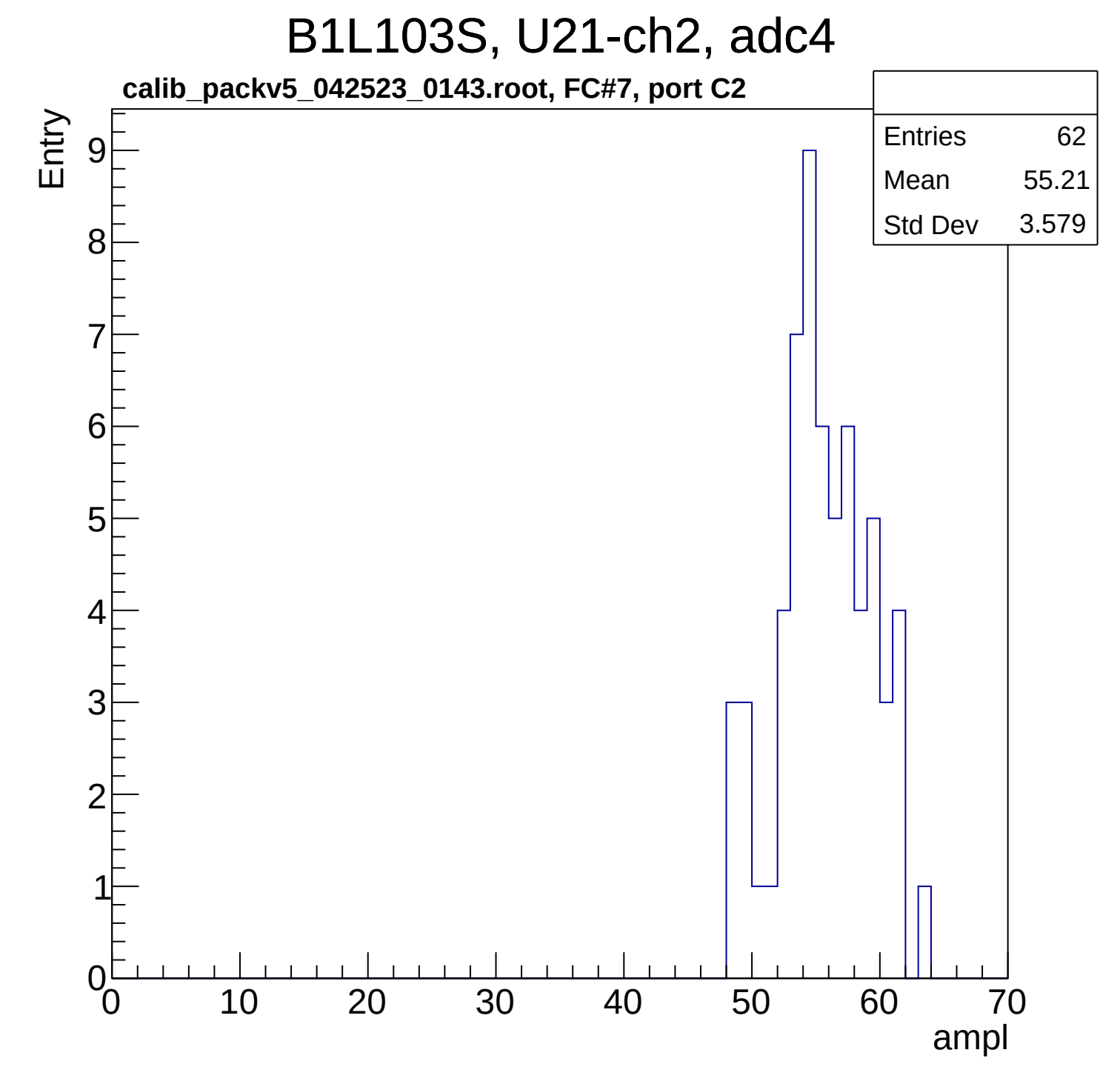
B1L103S, U21-ch2, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 55.21
Std Dev 3.579
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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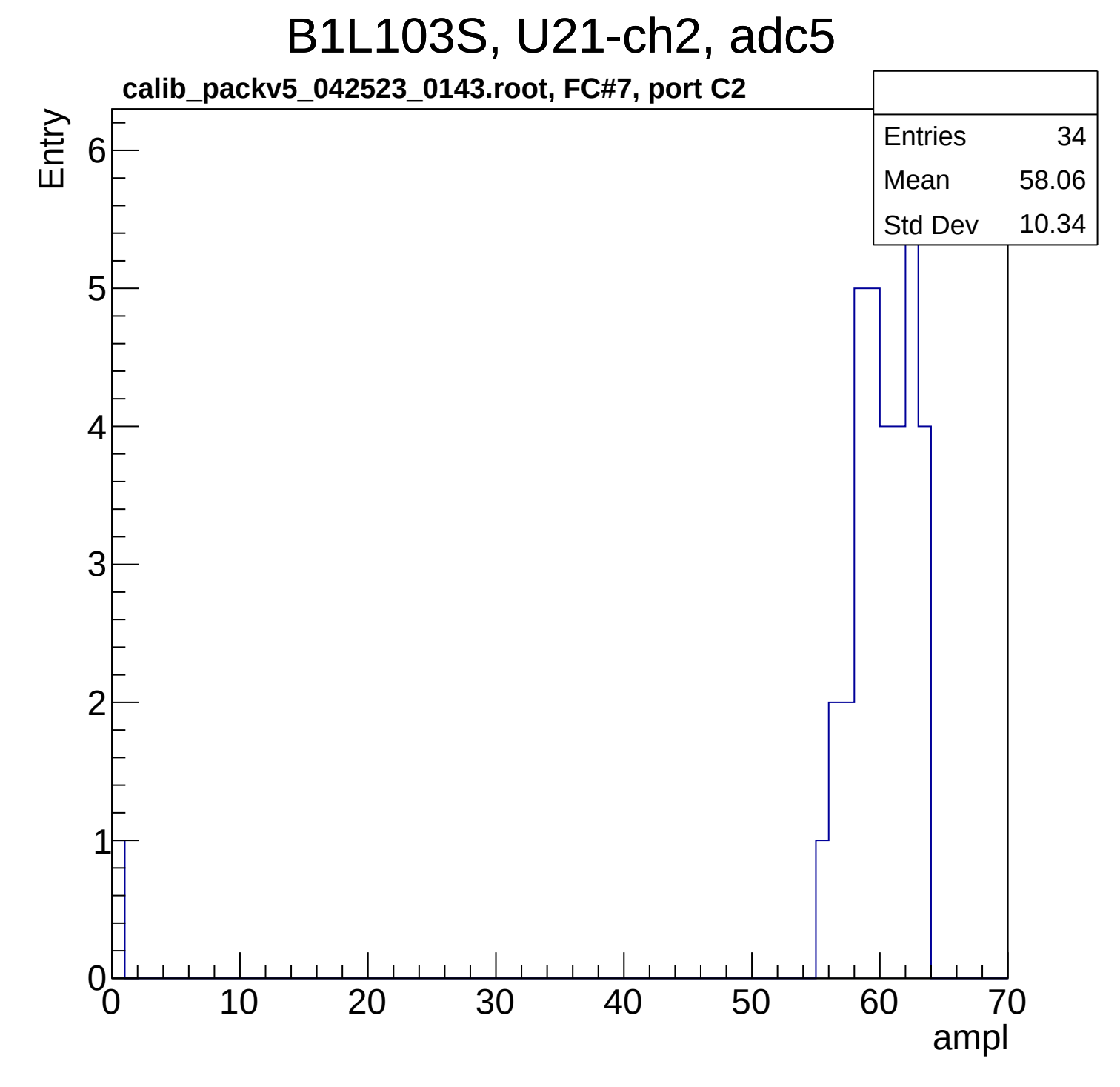
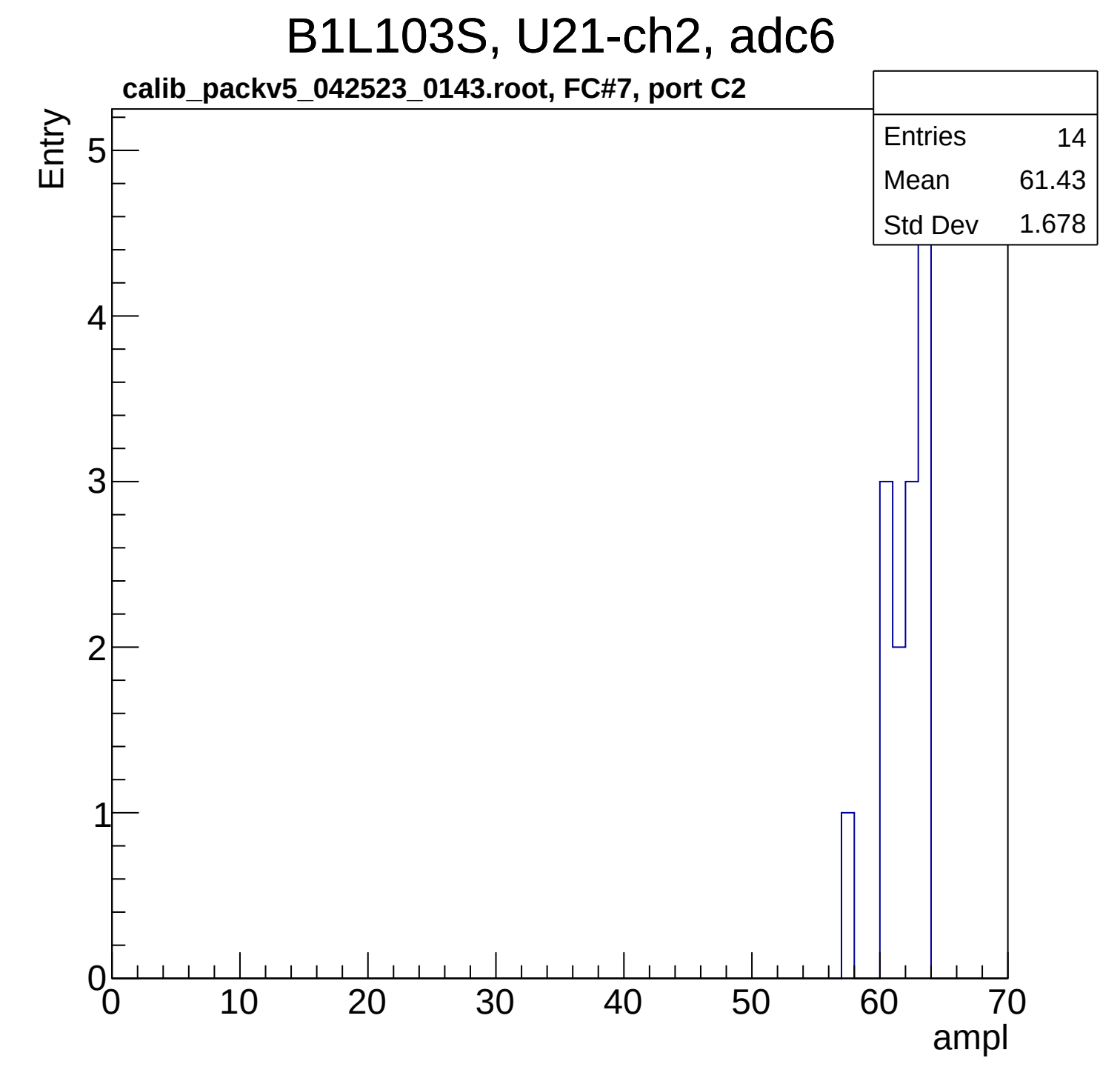
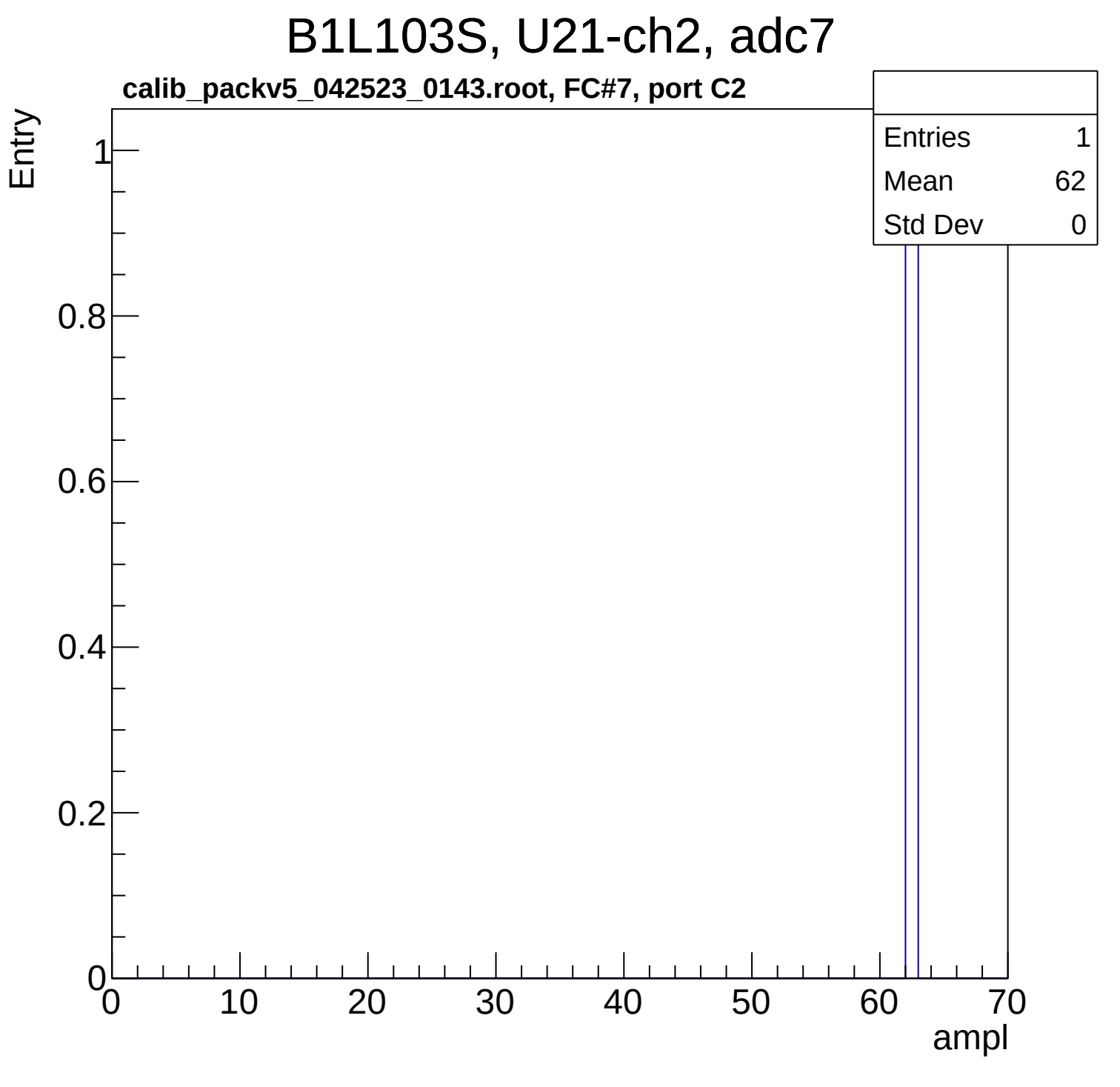

B1L103S, U21-ch2, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 34
Mean 58.06
Std Dev 10.34
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch2, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 14
Mean 61.43
Std Dev 1.678
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L103S, U21-ch2, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 62
Std Dev 0
Entry
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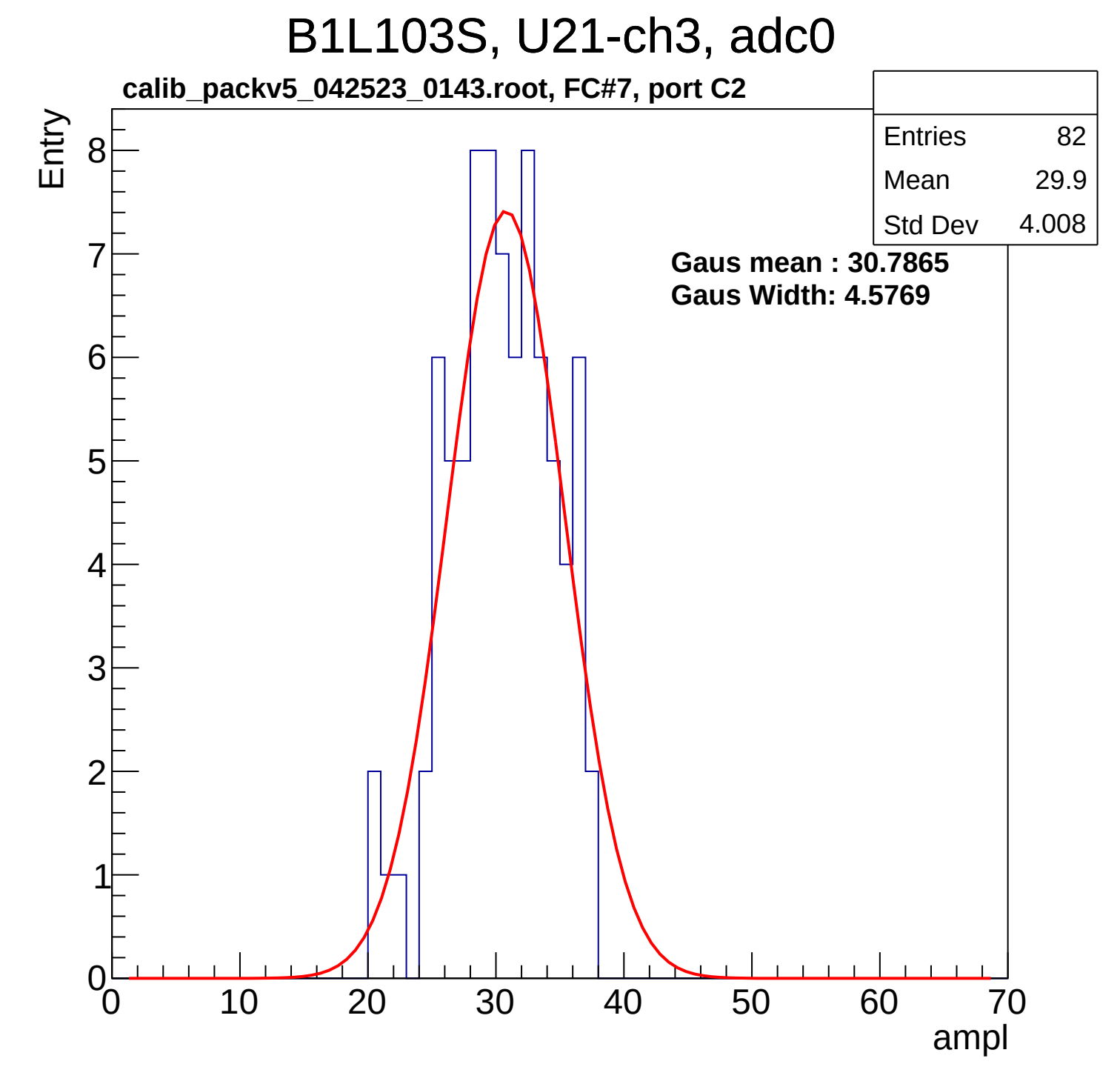
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch3, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 82
Mean 29.9
Std Dev 4.008
Gaus mean : 30.7865
Gaus Width: 4.5769
Entry
ampl
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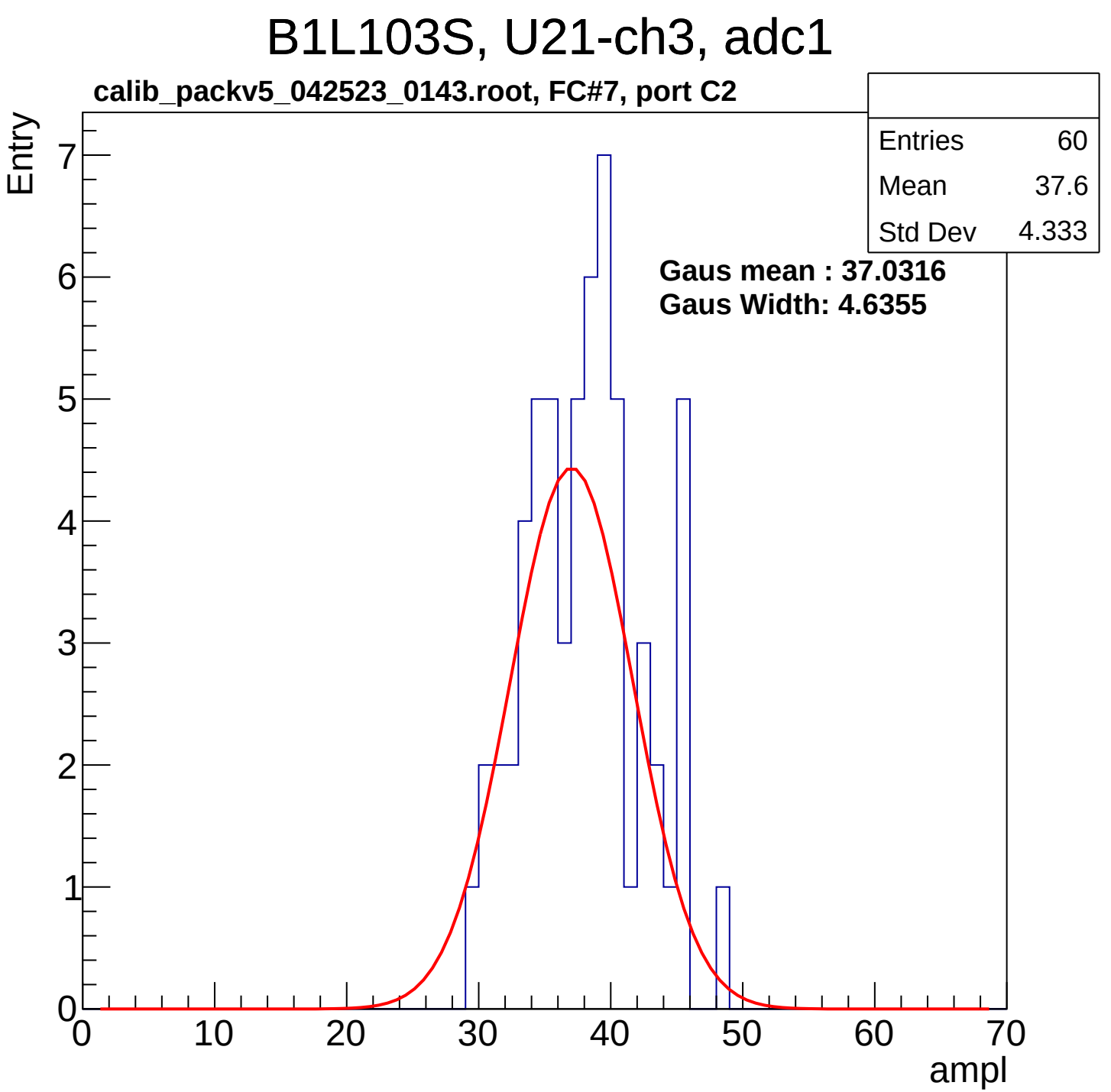
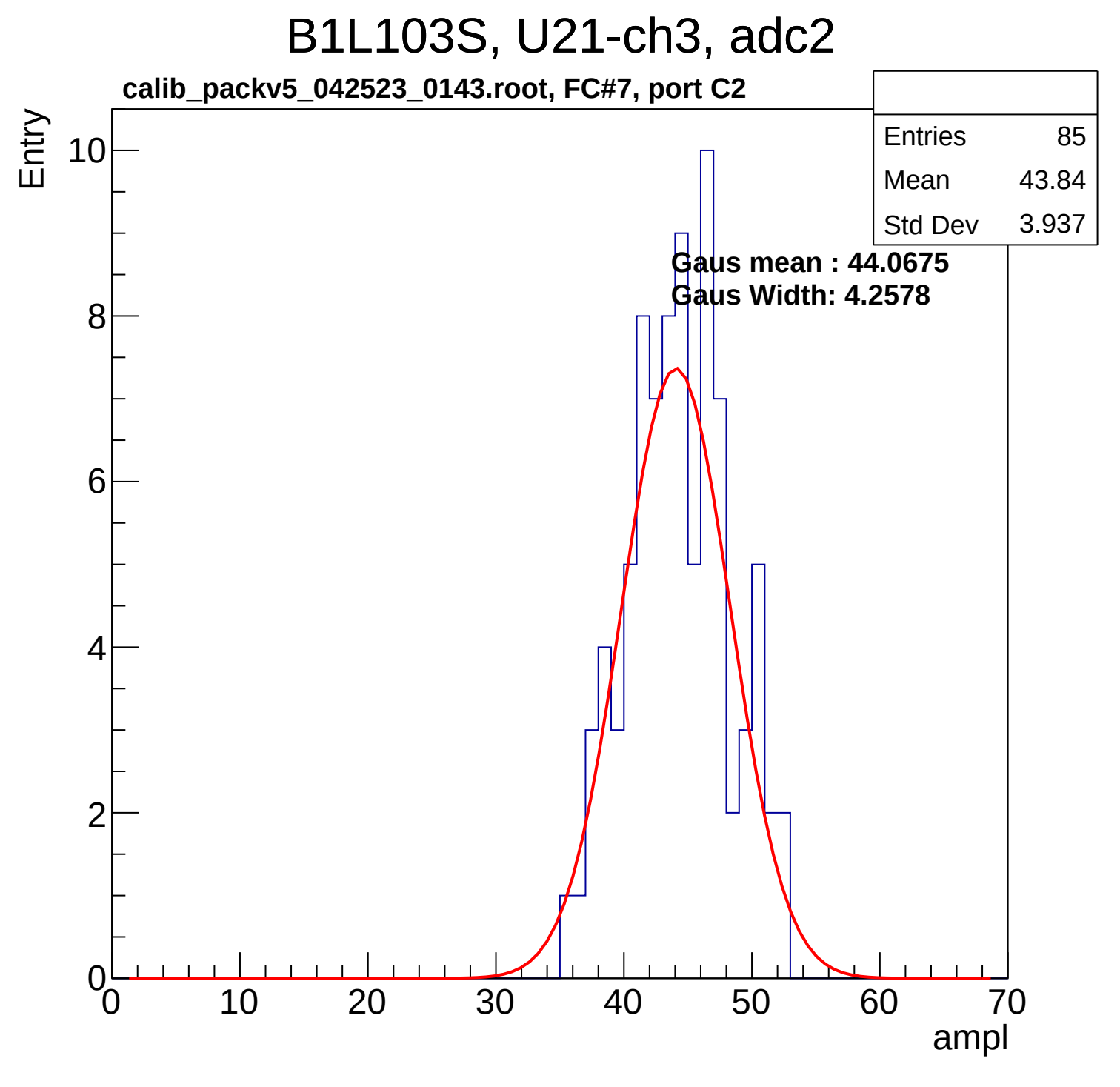
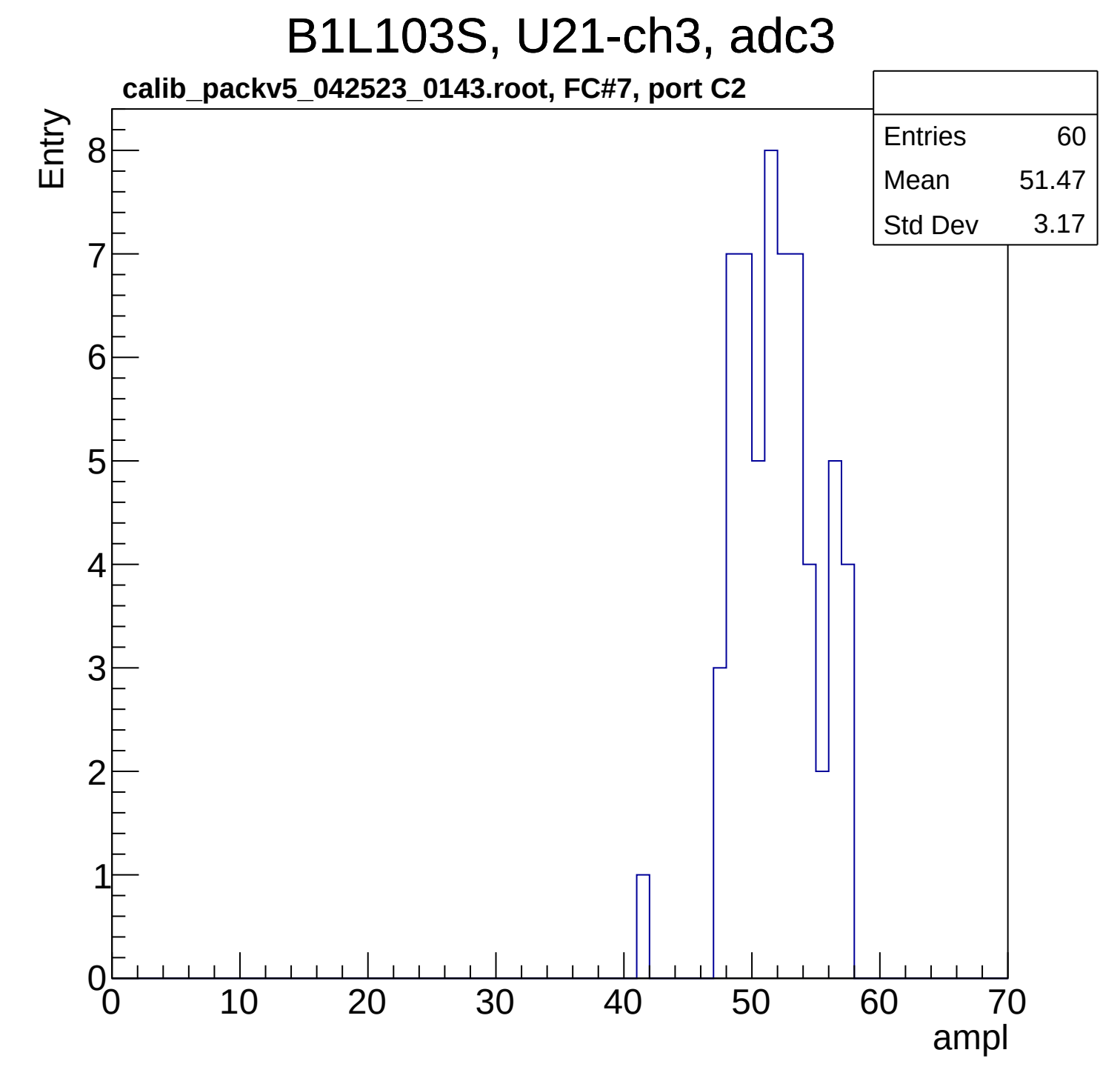
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch3, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 37.6
Std Dev 4.333
Gaus mean : 37.0316
Gaus Width: 4.6355
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch3, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 85
Mean 43.84
Std Dev 3.937
Gaus mean : 44.0675
Gaus Width: 4.2578
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U21-ch3, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 51.47
Std Dev 3.17
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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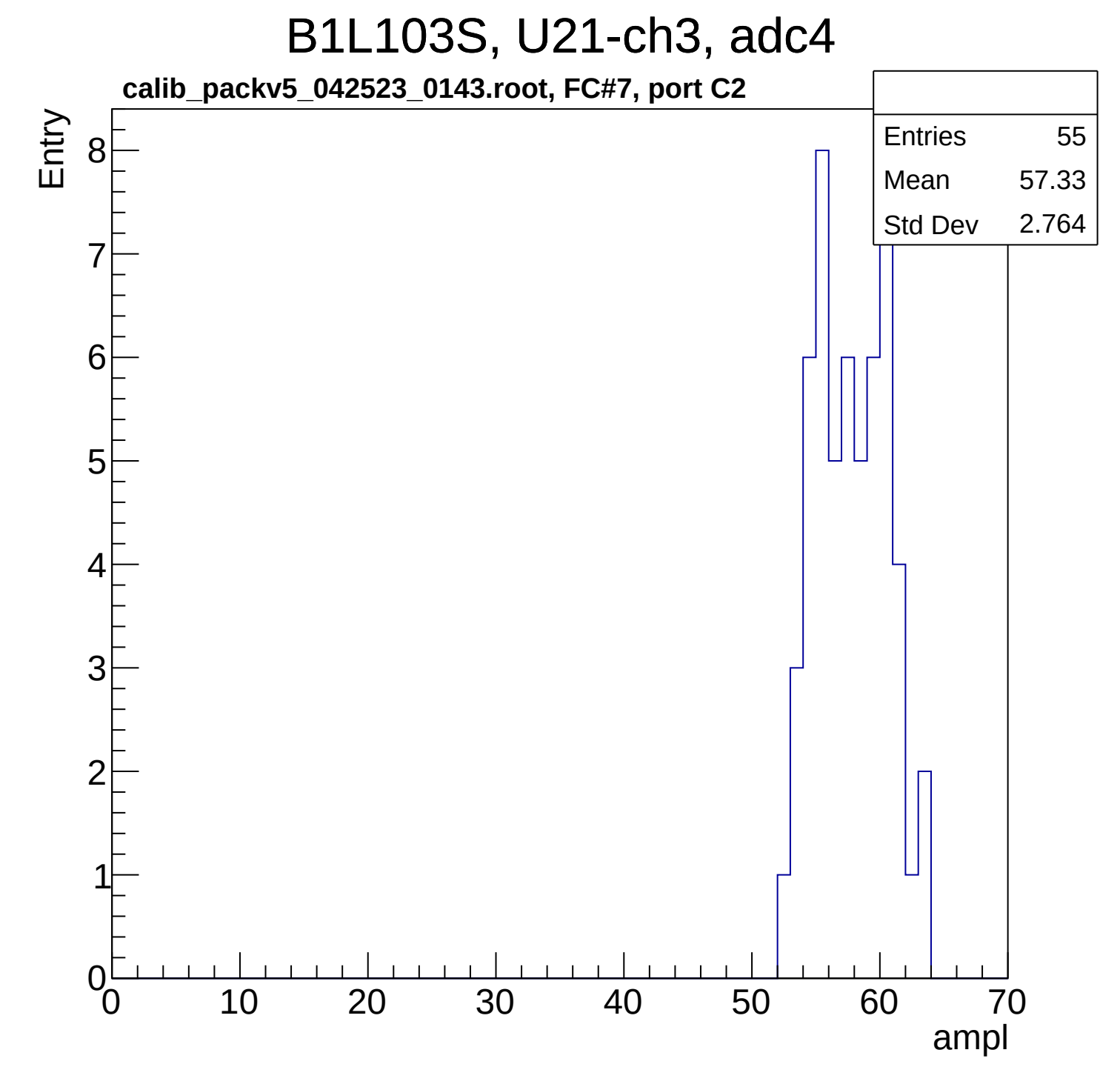
B1L103S, U21-ch3, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 57.33
Std Dev 2.764
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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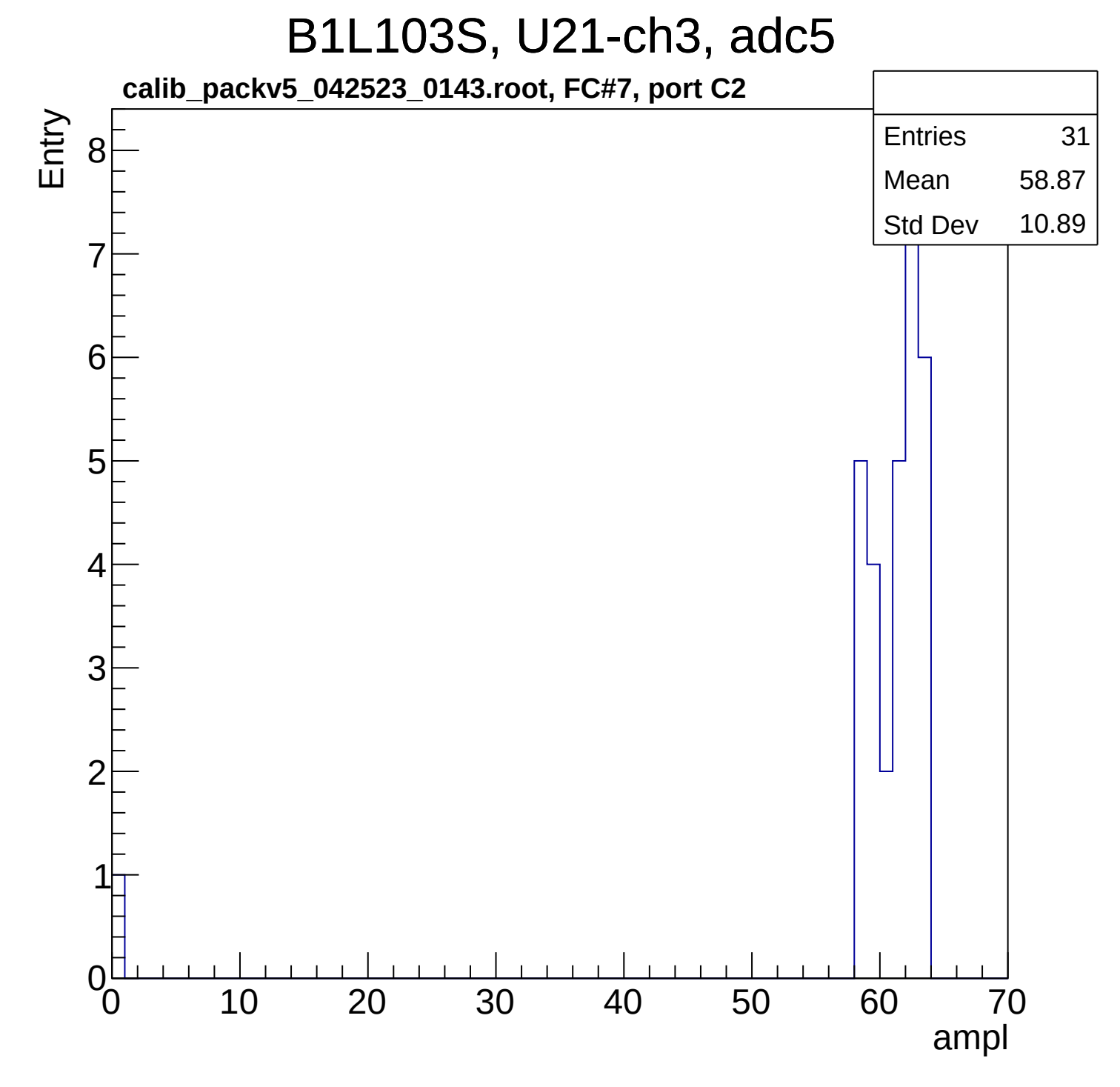
B1L103S, U21-ch3, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 31
Mean 58.87
Std Dev 10.89
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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40
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60
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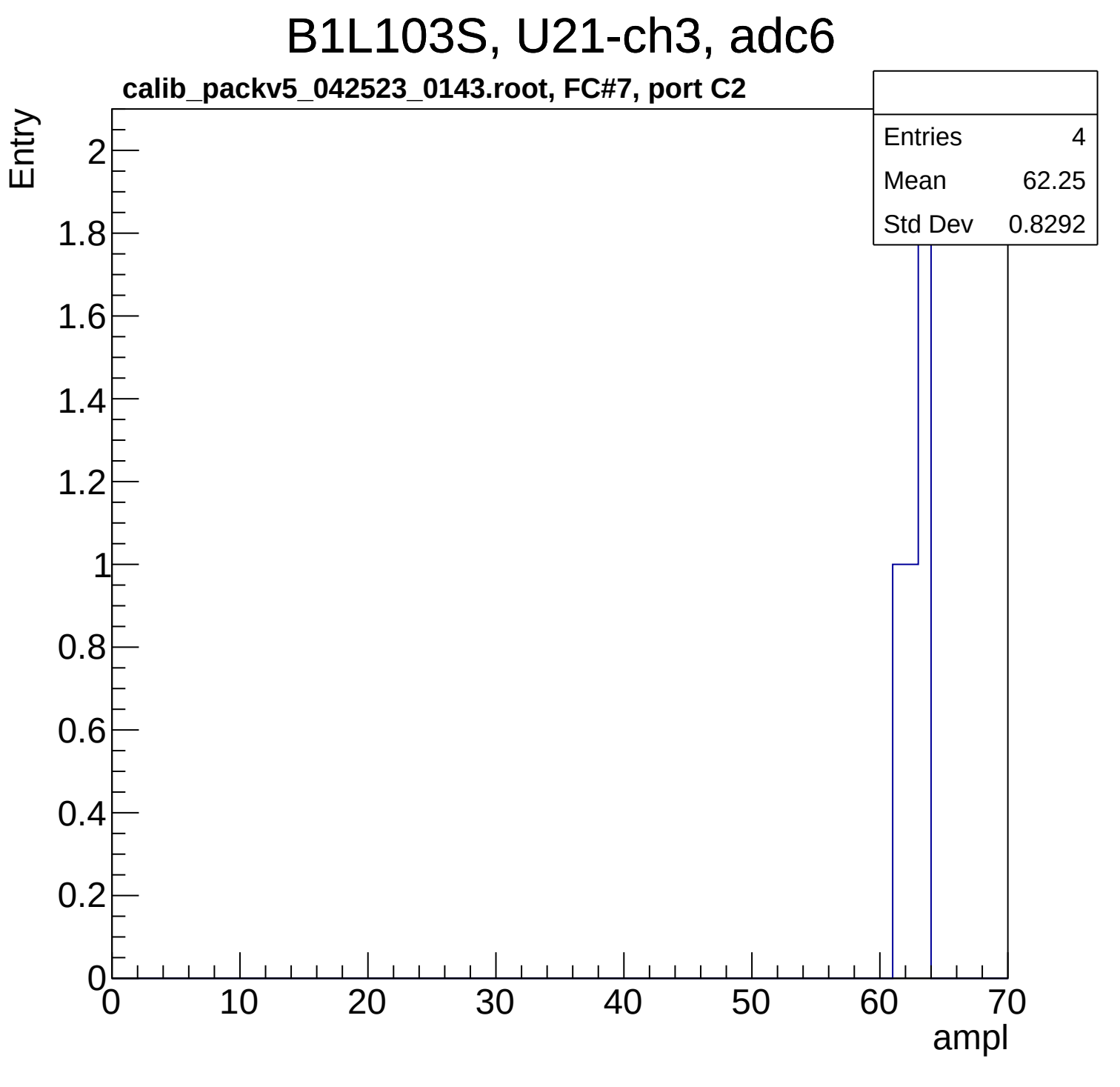
B1L103S, U21-ch3, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 4
Mean 62.25
Std Dev 0.8292
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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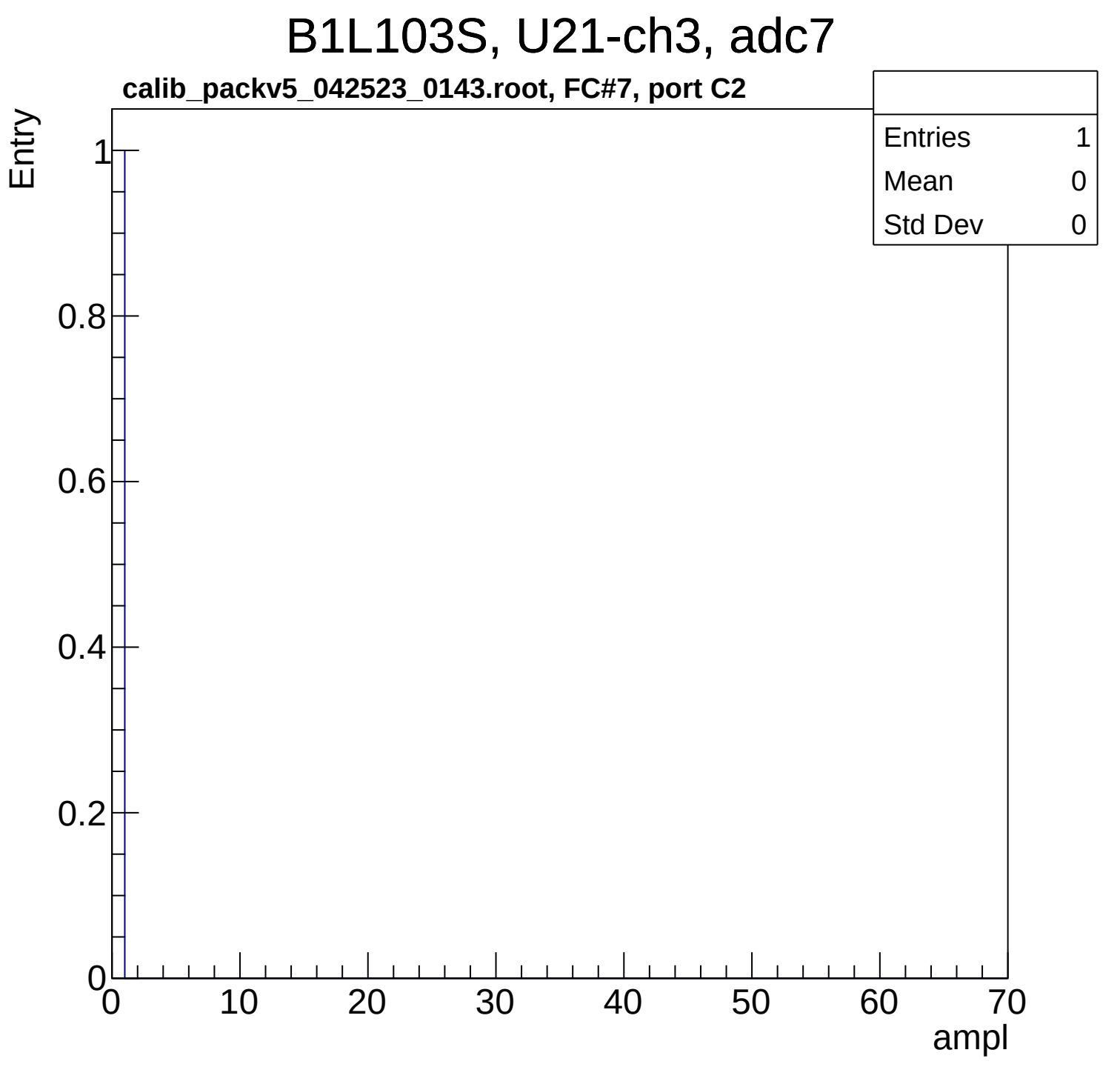
B1L103S, U21-ch3, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
0.4
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0
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10
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50
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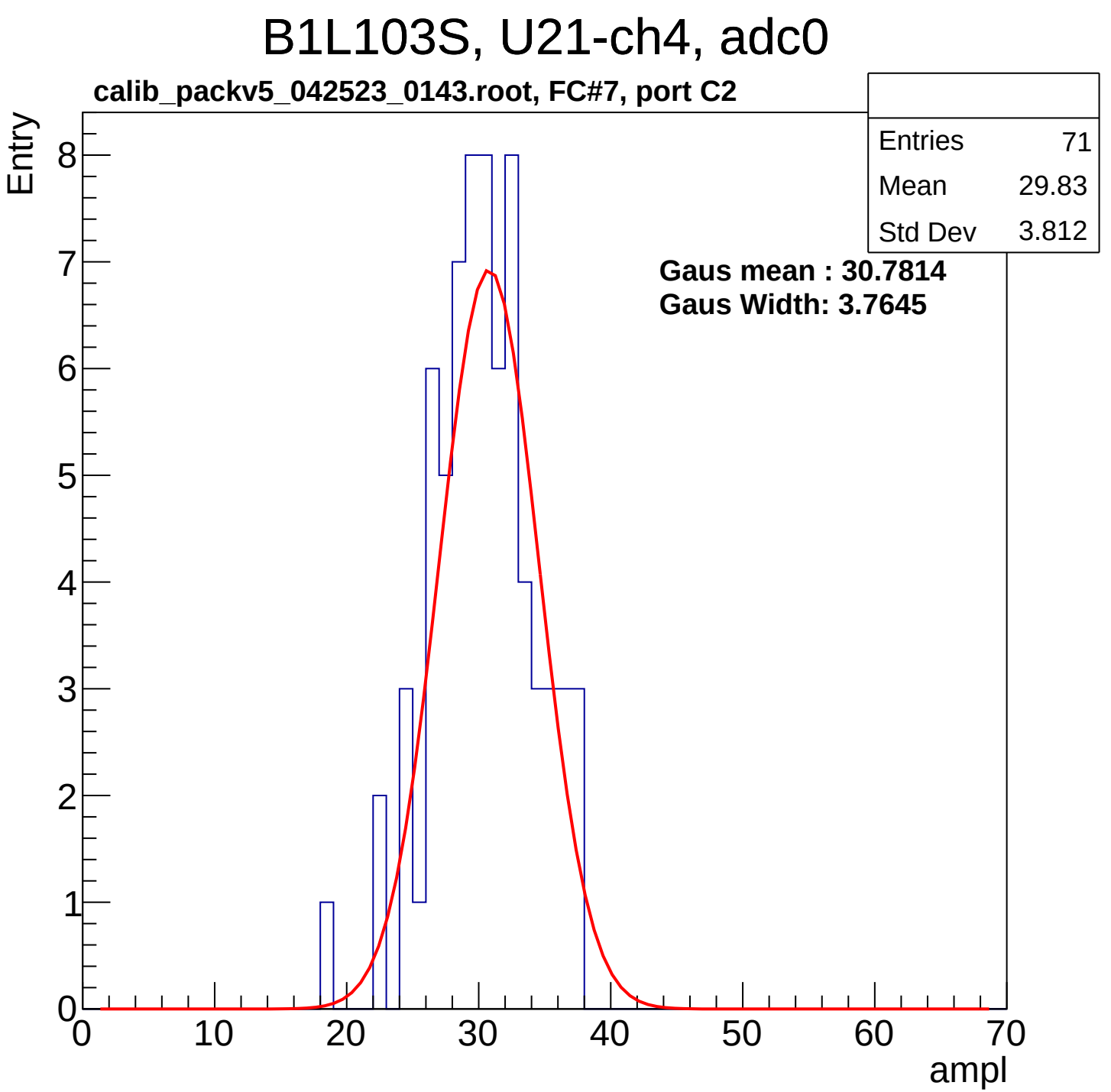
70
ampl


B1L103S, U21-ch4, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 29.83
Std Dev 3.812
Gaus mean : 30.7814
Gaus Width: 3.7645
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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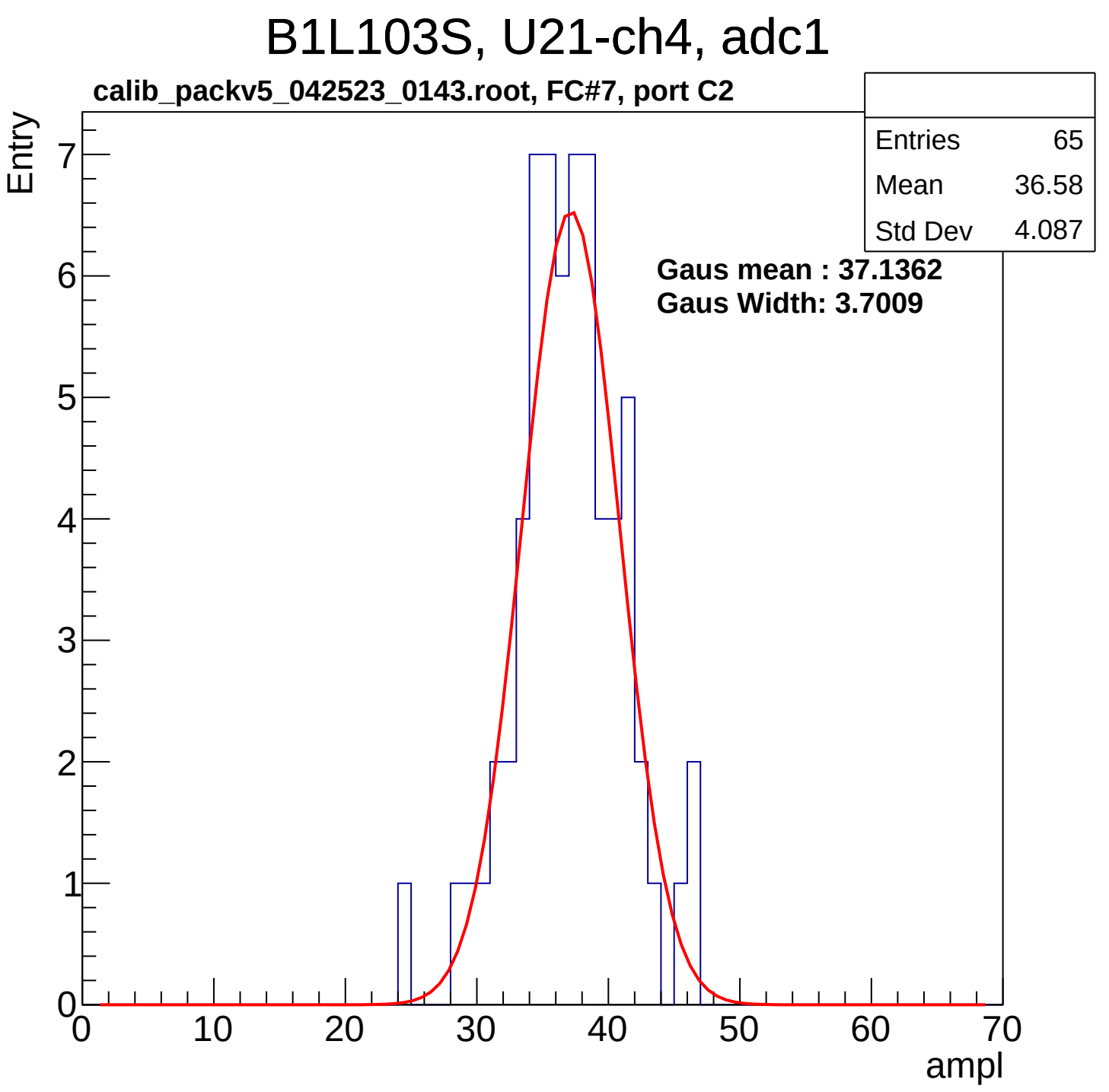
B1L103S, U21-ch4, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 36.58
Std Dev 4.087
Gaus mean : 37.1362
Gaus Width: 3.7009
Entry
ampl
0
1
2
3
4
5
6
7
0
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40
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60
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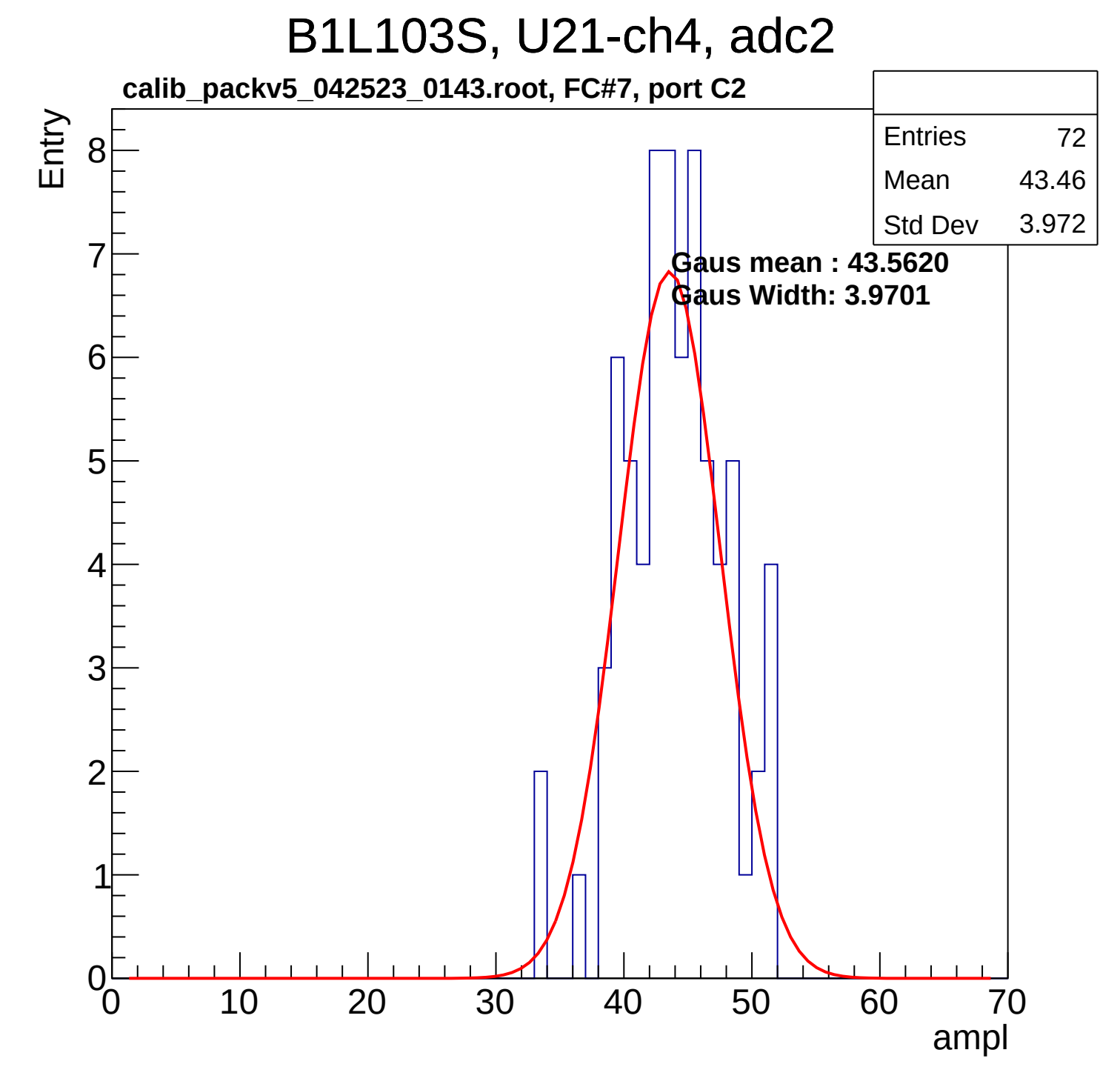
B1L103S, U21-ch4, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 43.46
Std Dev 3.972
Gaus mean : 43.5620
Gaus Width: 3.9701
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
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60
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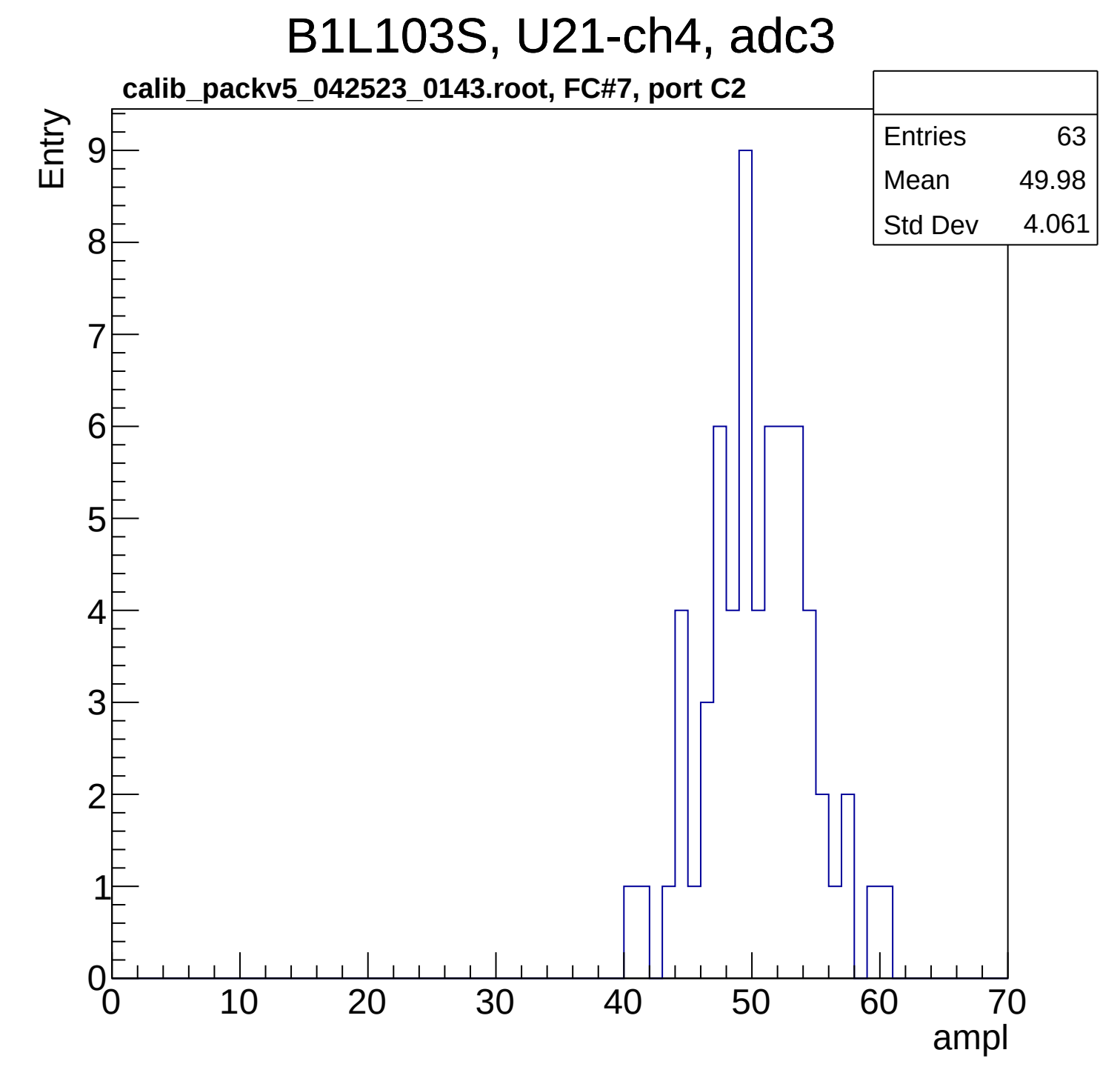
B1L103S, U21-ch4, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 49.98
Std Dev 4.061
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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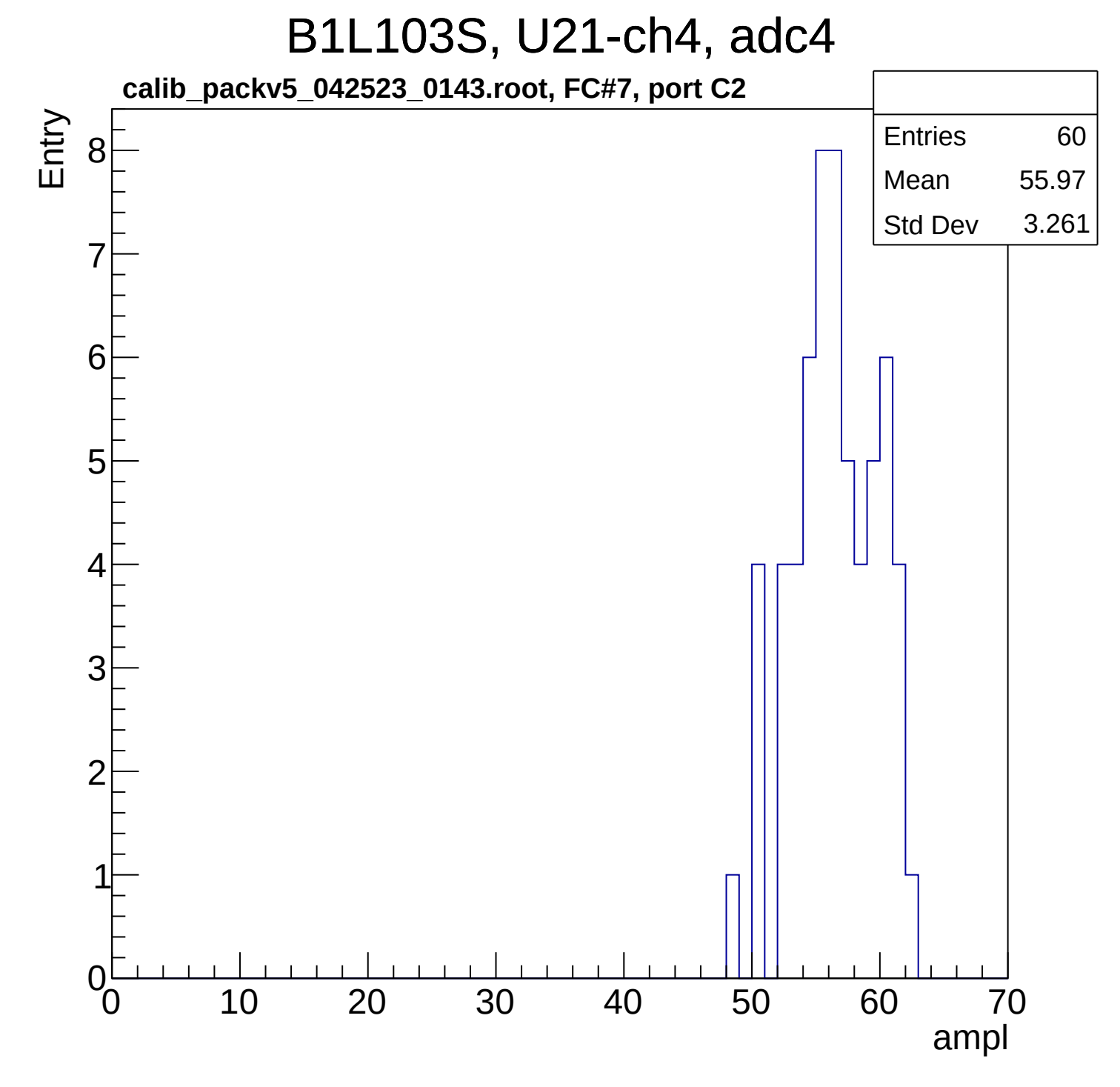
B1L103S, U21-ch4, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 55.97
Std Dev 3.261
Entry
ampl
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2
3
4
5
6
7
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0
10
20
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40
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60
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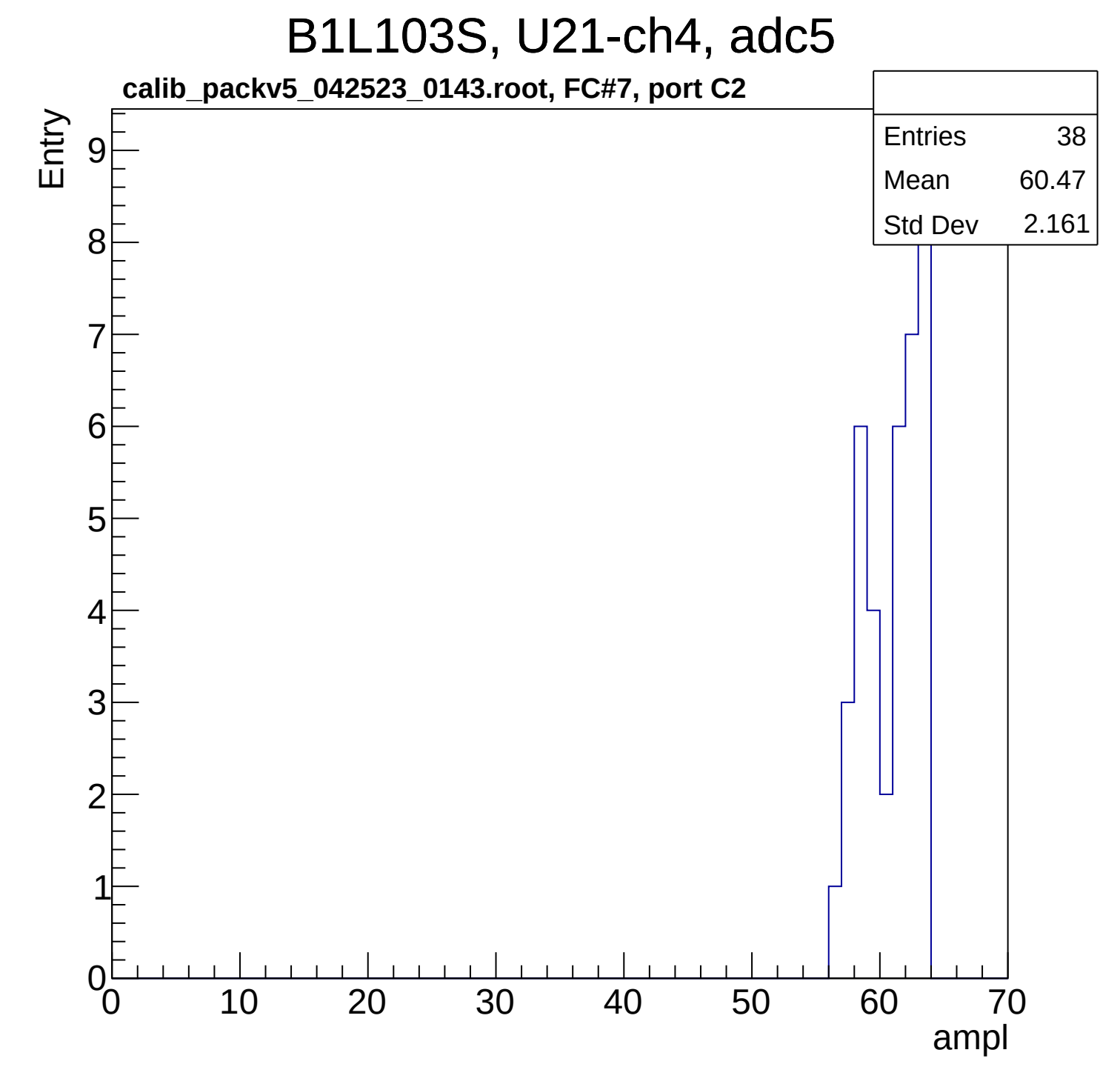
B1L103S, U21-ch4, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 38
Mean 60.47
Std Dev 2.161
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
30
40
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60
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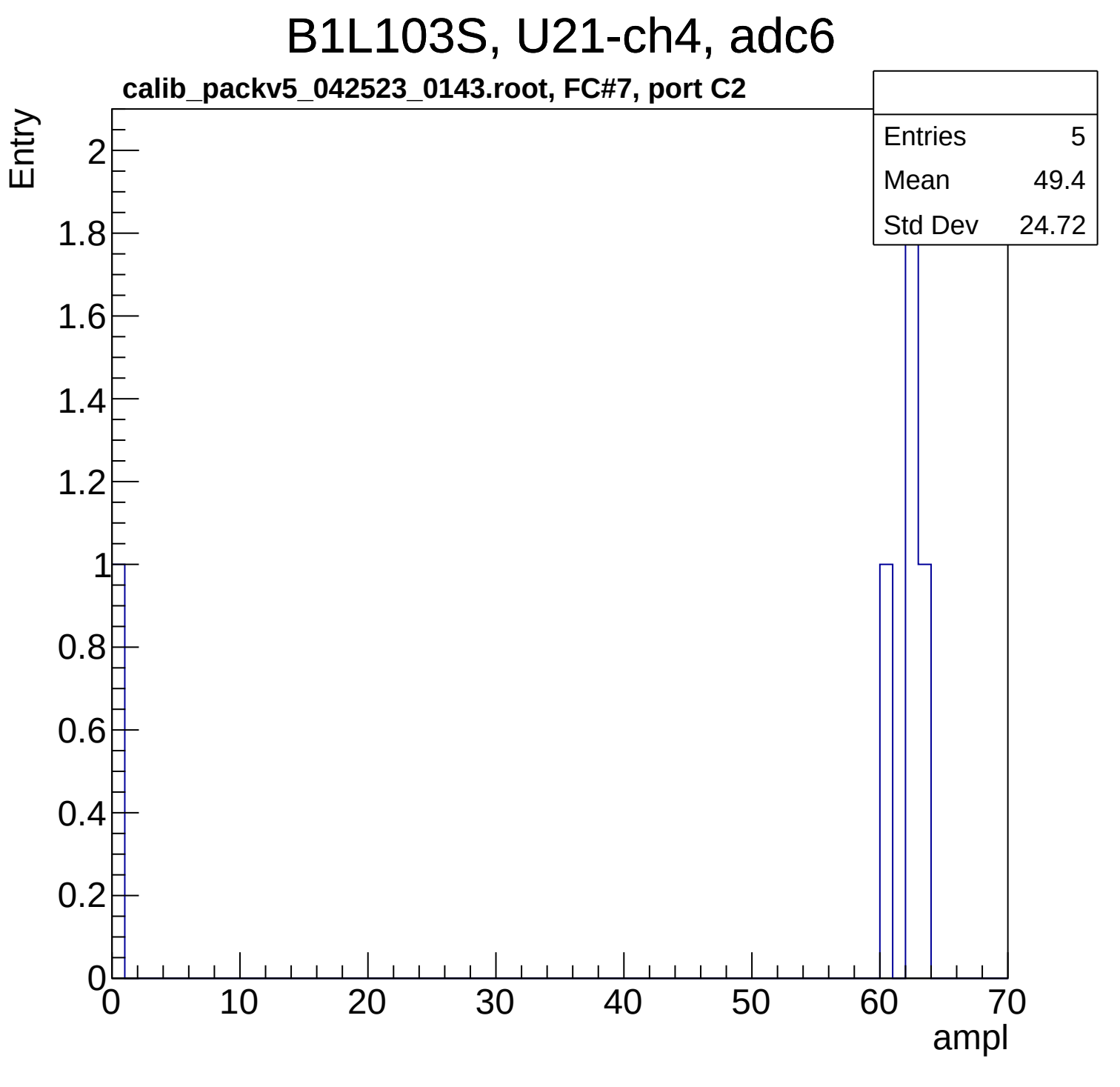
B1L103S, U21-ch4, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 49.4
Std Dev 24.72
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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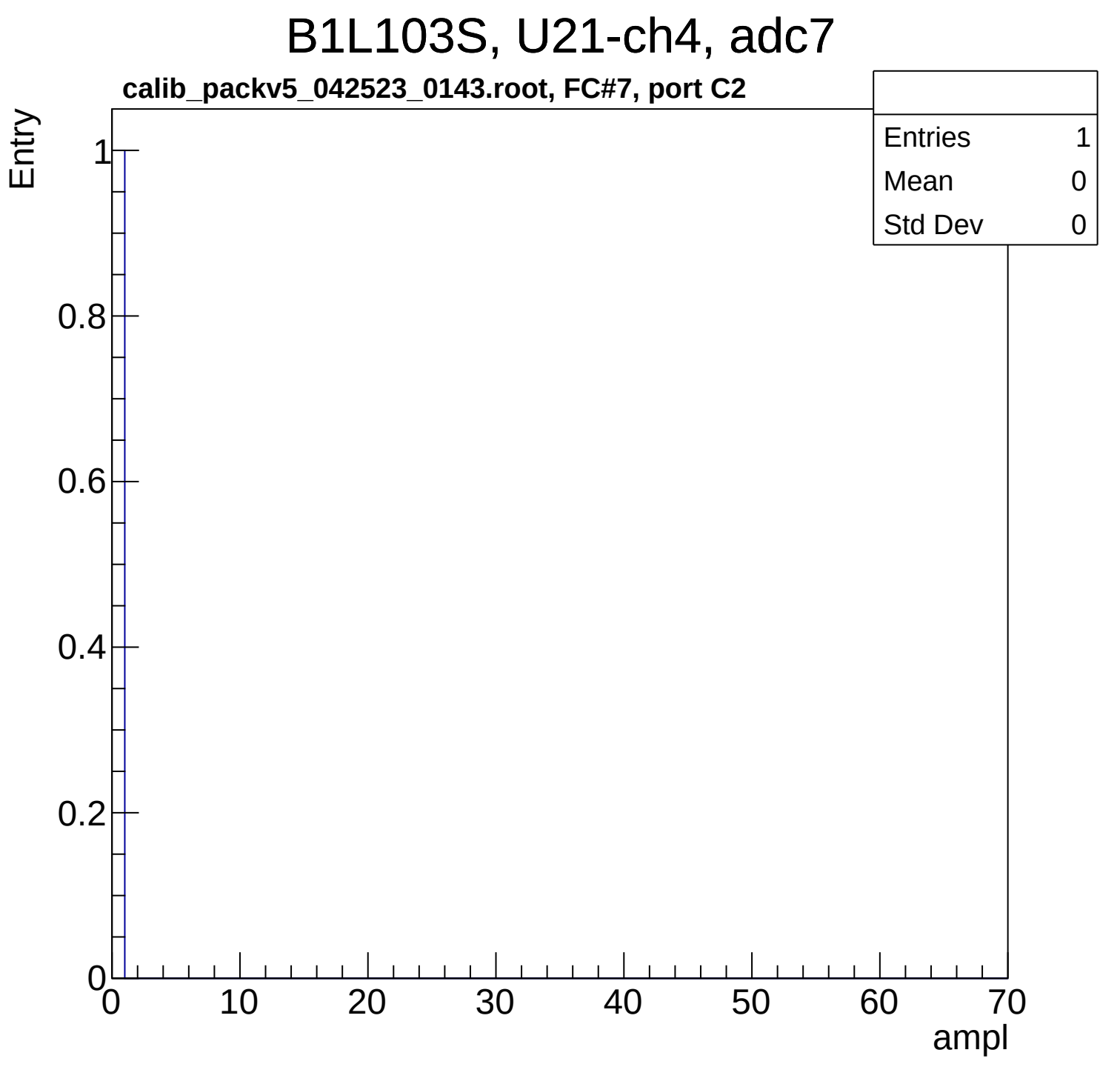
B1L103S, U21-ch4, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
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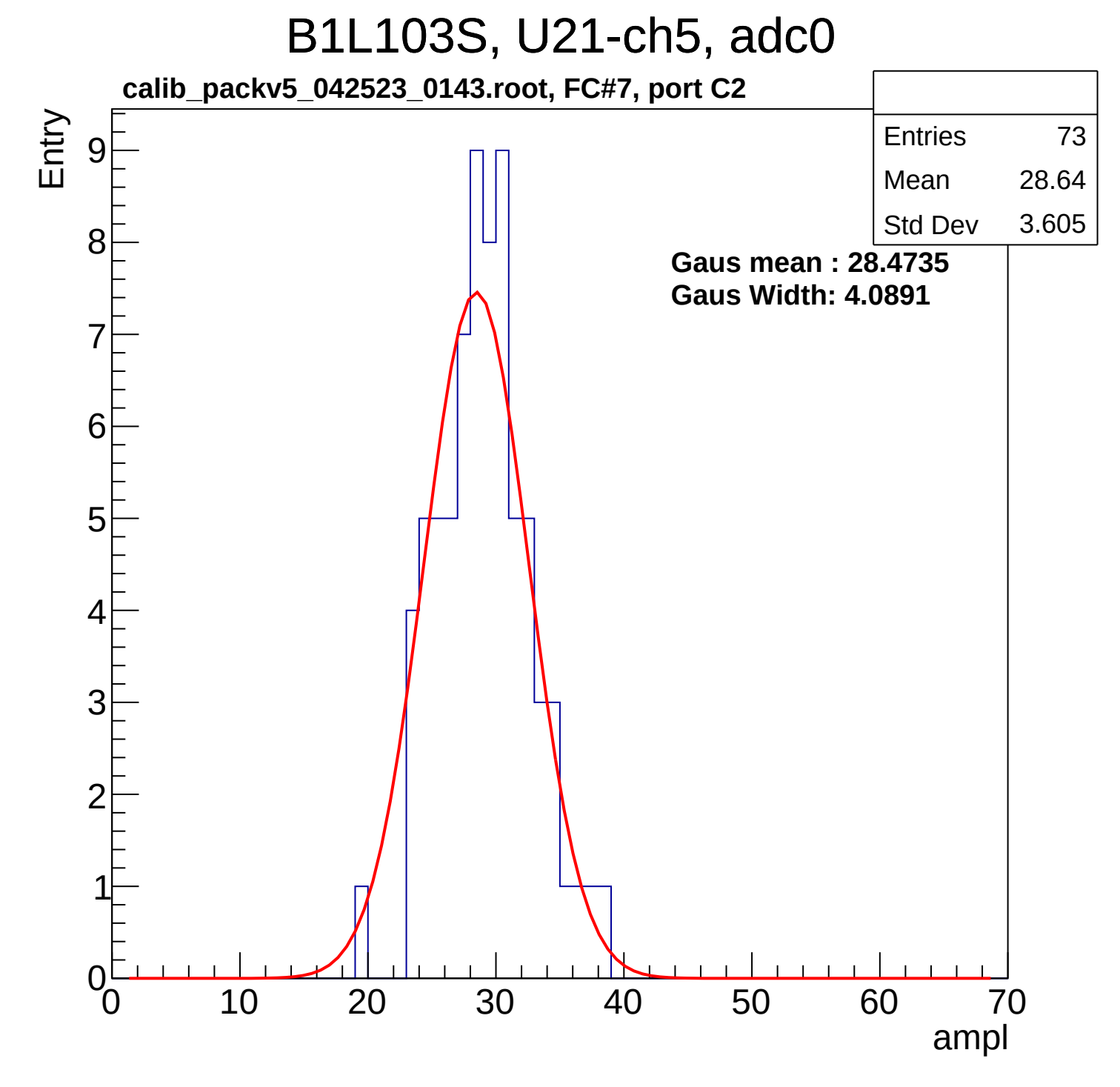
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch5, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 28.64
Std Dev 3.605
Gaus mean : 28.4735
Gaus Width: 4.0891
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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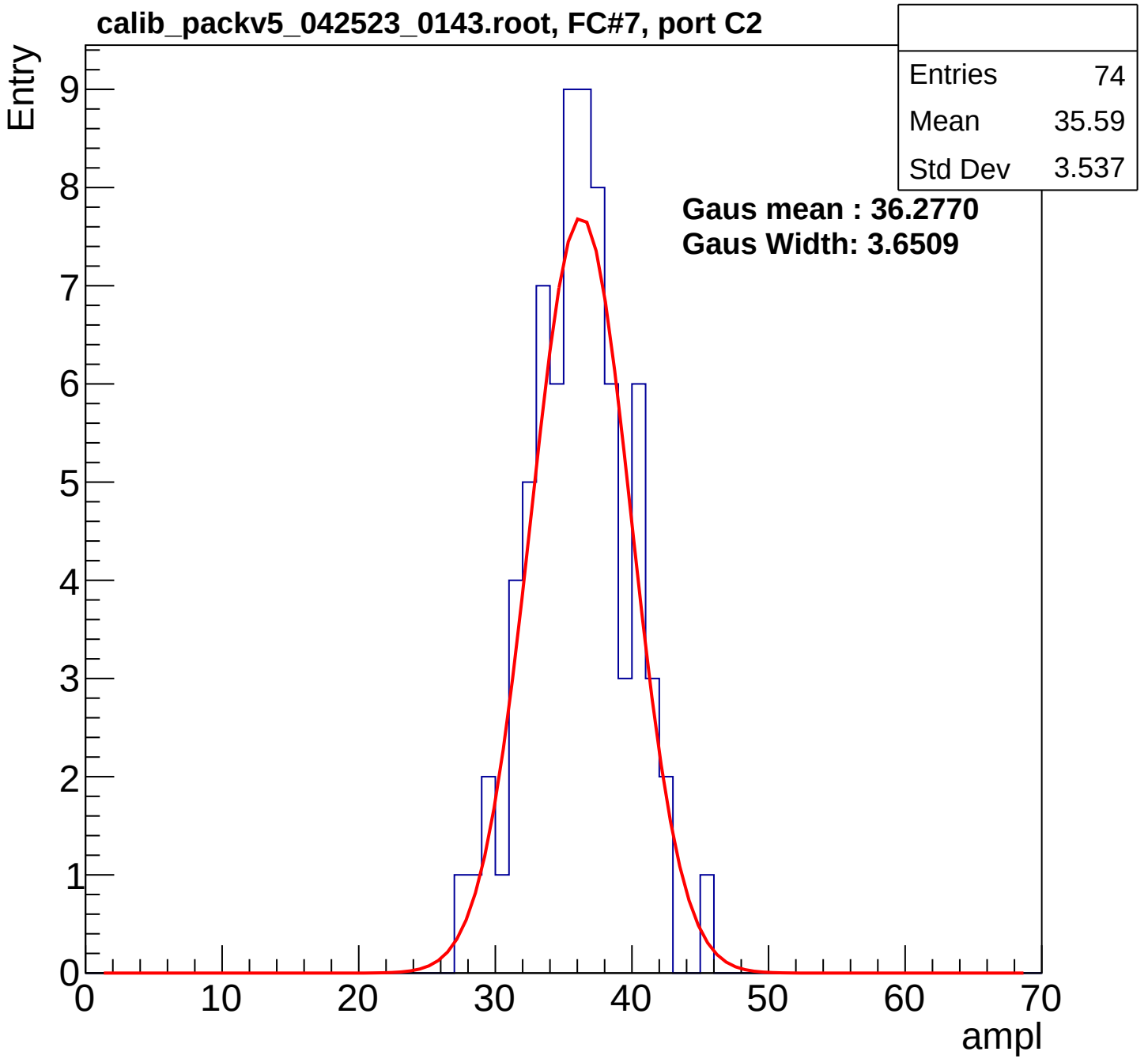
B1L103S, U21-ch5, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 35.59
Std Dev 3.537
Gaus mean : 36.2770
Gaus Width: 3.6509
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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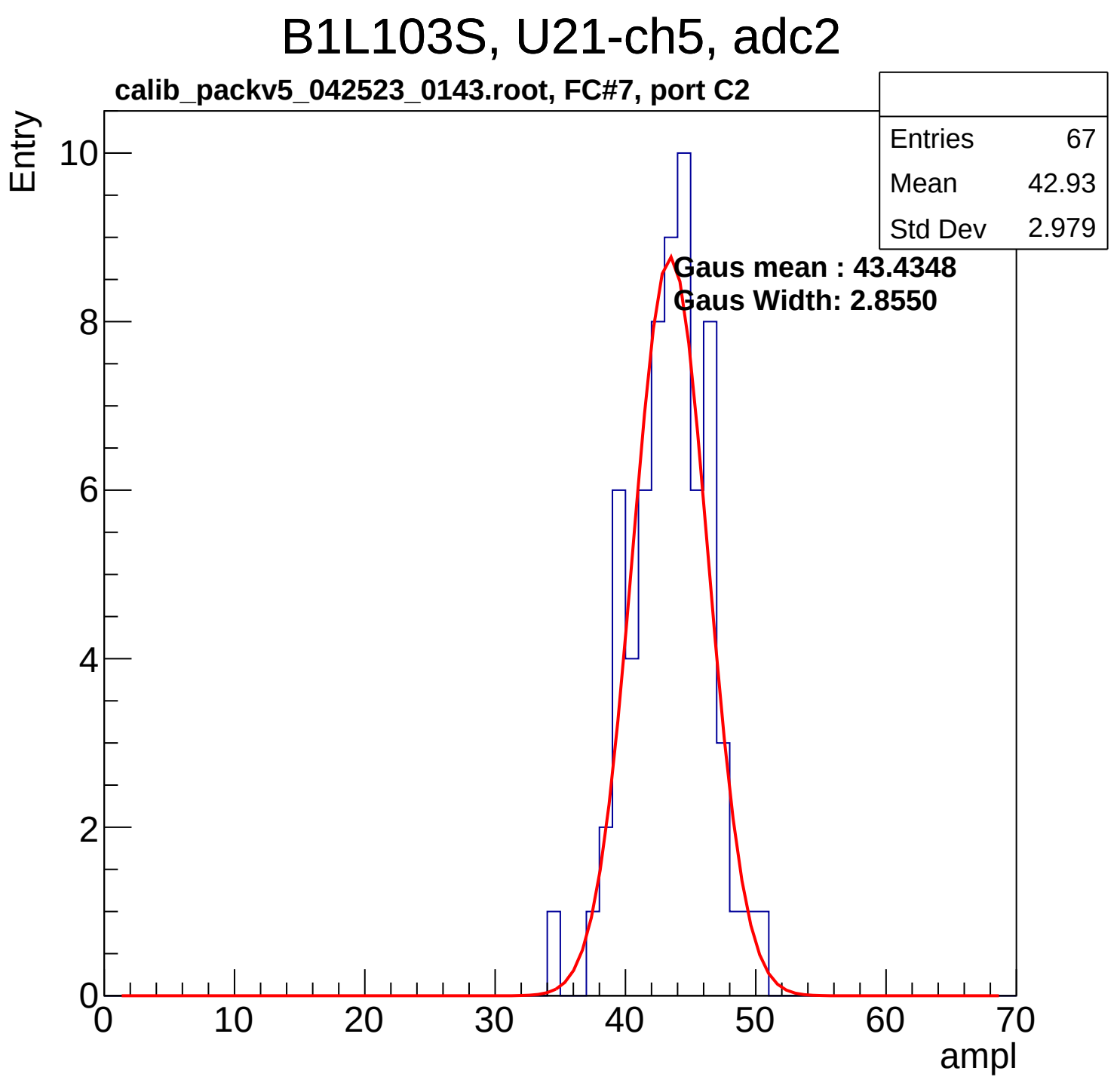
B1L103S, U21-ch5, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 42.93
Std Dev 2.979
Gaus mean : 43.4348
Gaus Width: 2.8550
Entry
ampl
0
2
4
6
8
10
0
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20
30
40
50
60
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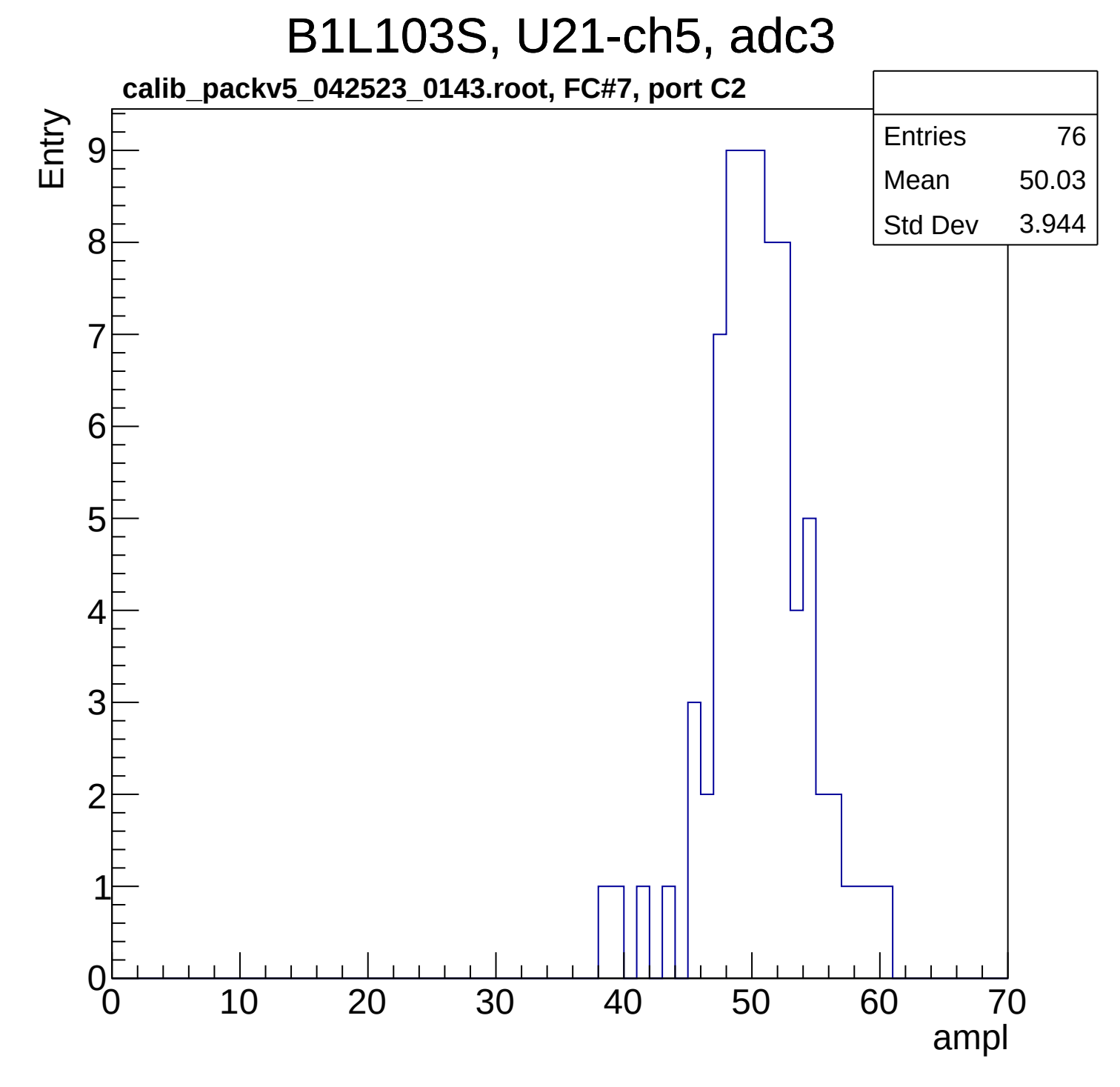
B1L103S, U21-ch5, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 50.03
Std Dev 3.944
Entry
ampl
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3
4
5
6
7
8
9
0
10
20
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40
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60
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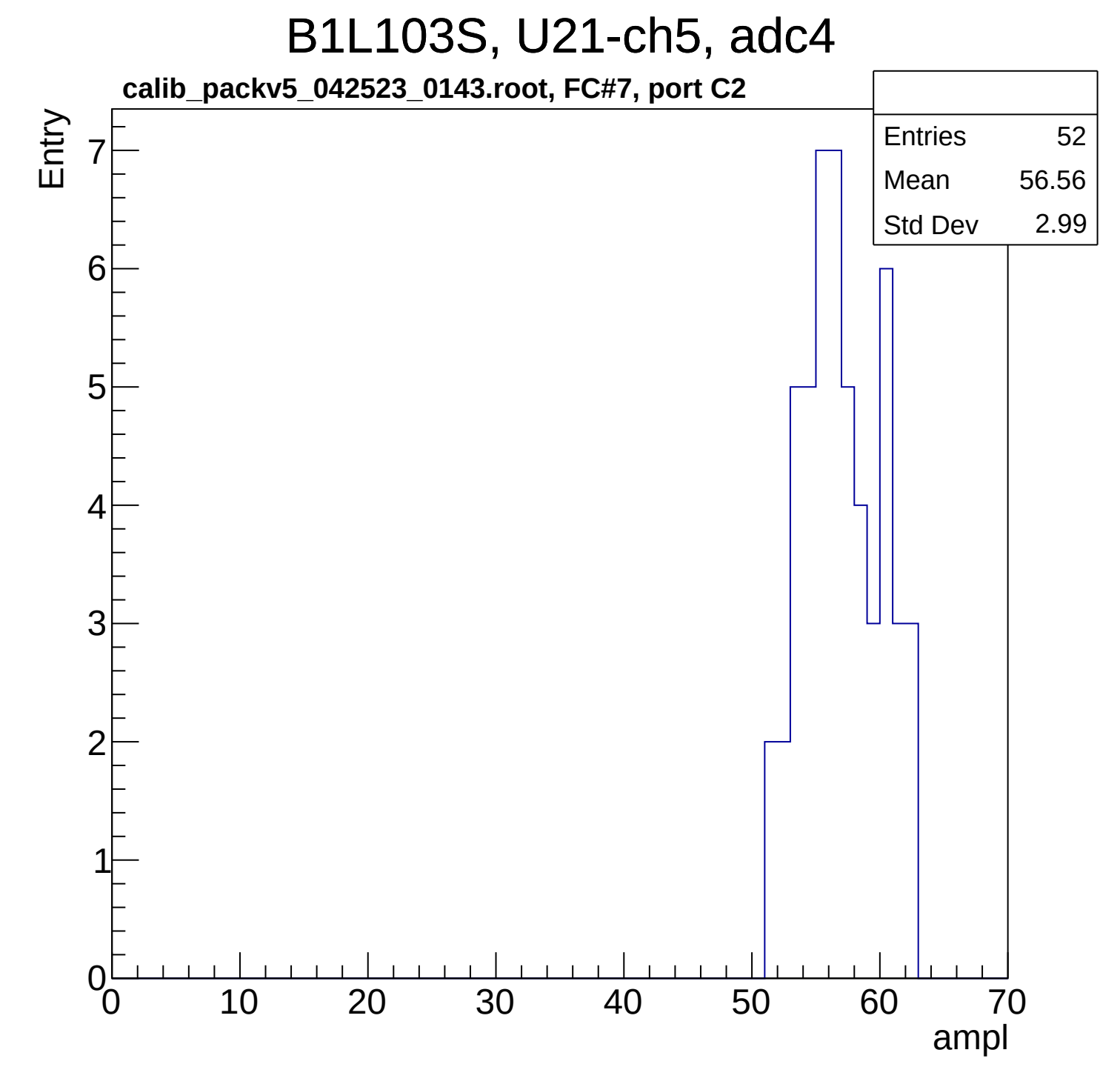
B1L103S, U21-ch5, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 52
Mean 56.56
Std Dev 2.99
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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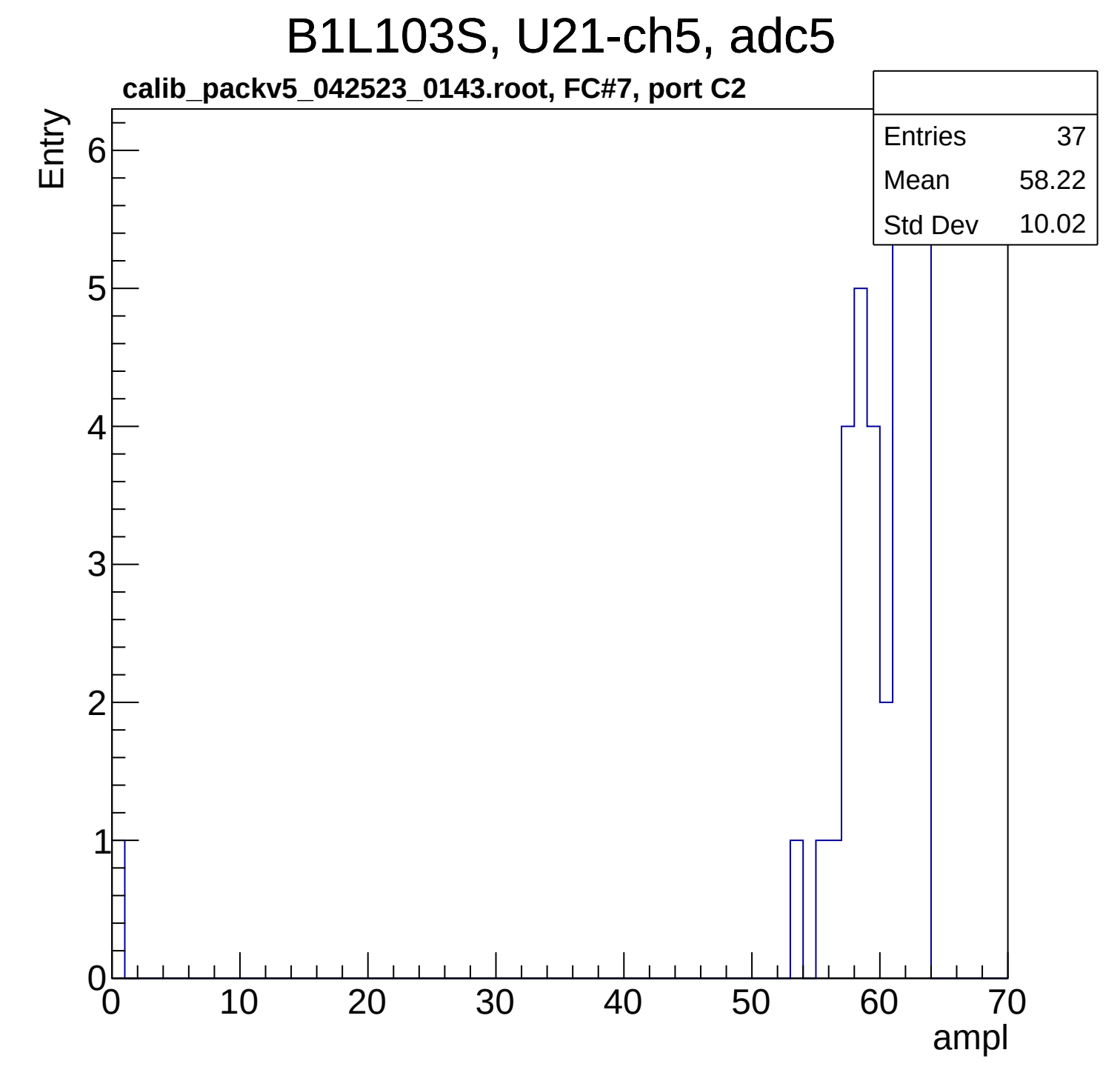
B1L103S, U21-ch5, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 37
Mean 58.22
Std Dev 10.02
Entry
0
1
2
3
4
5
6
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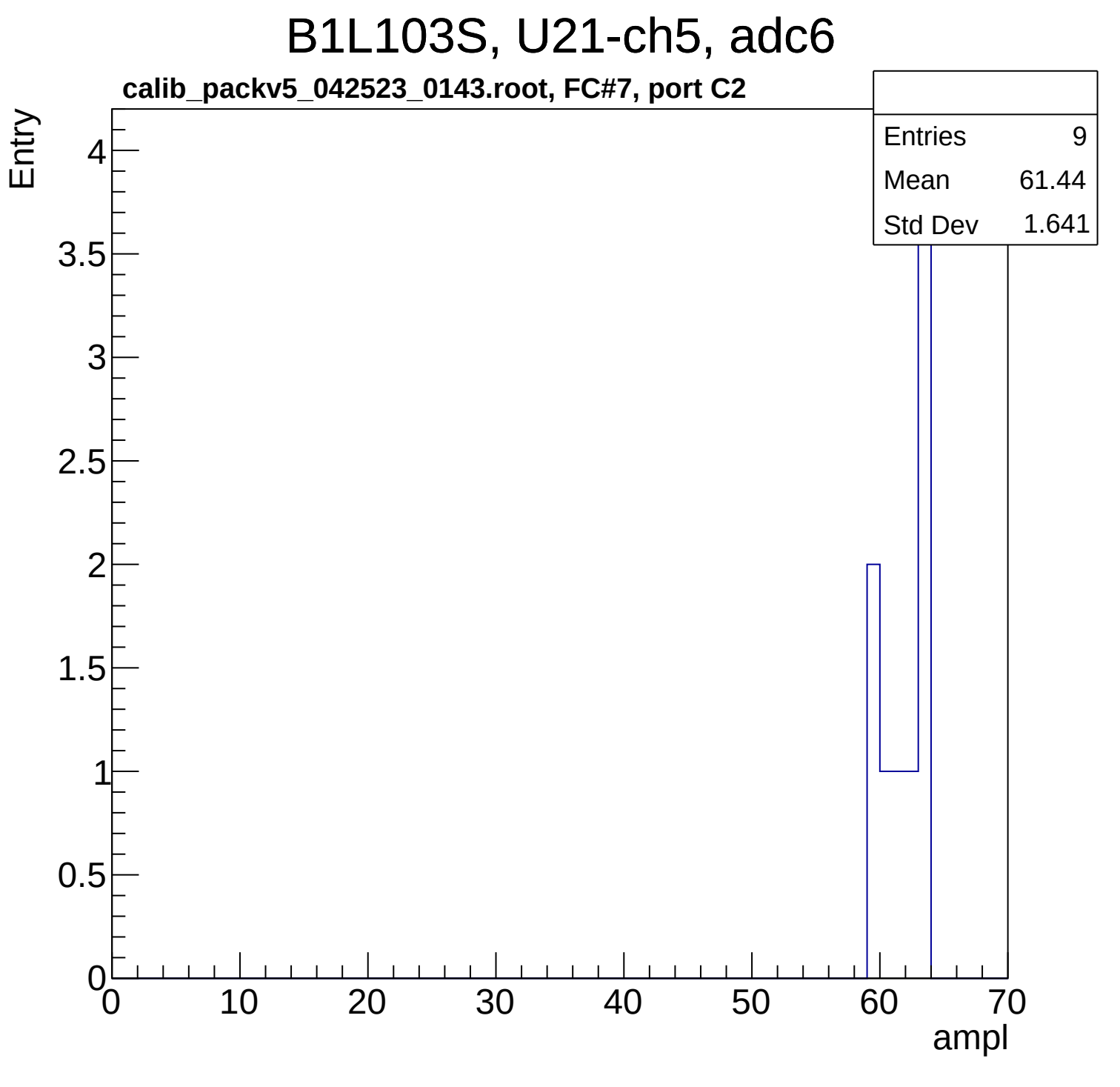
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch5, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 9
Mean 61.44
Std Dev 1.641
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
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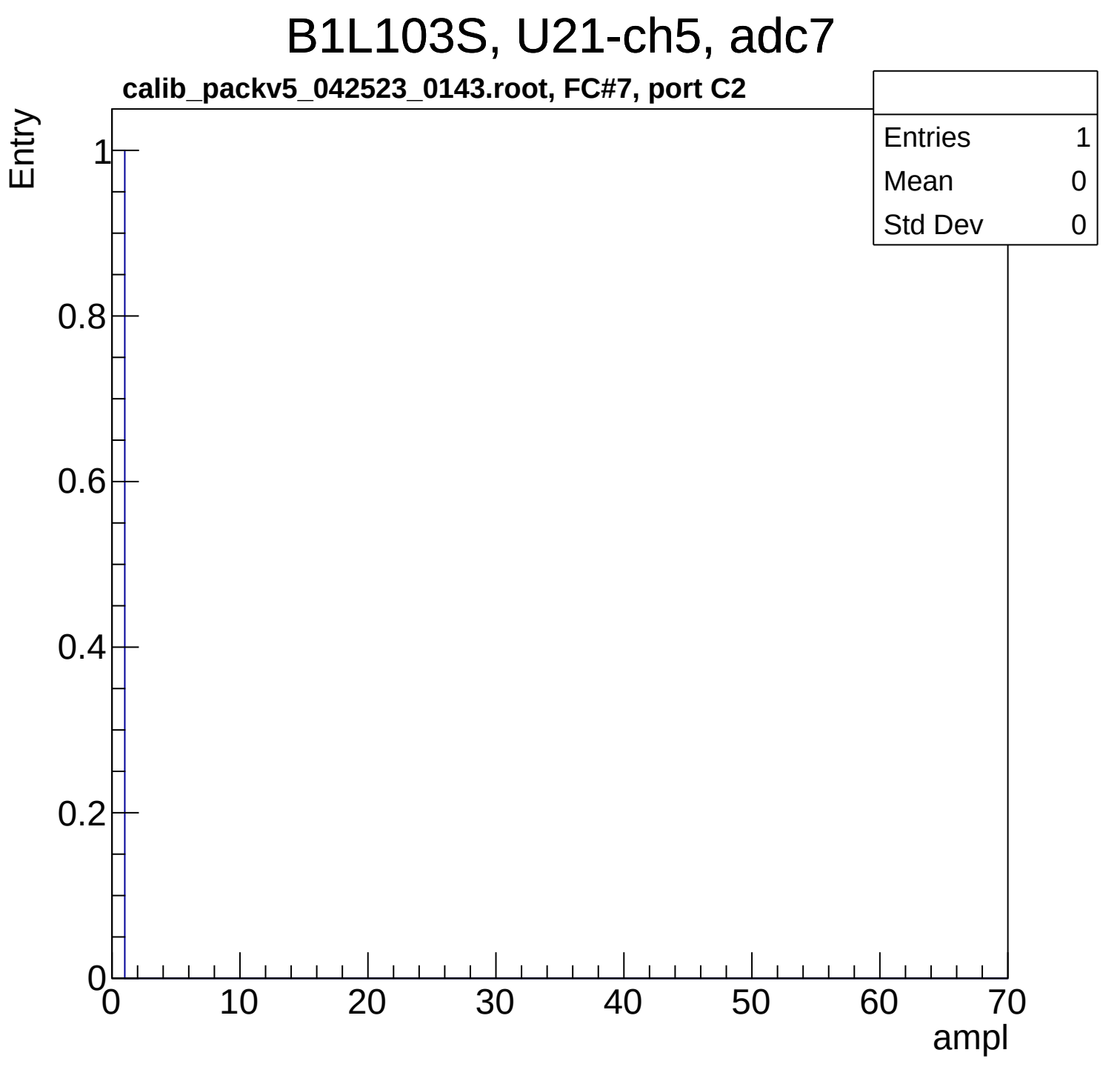
40
50
60
70


B1L103S, U21-ch5, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
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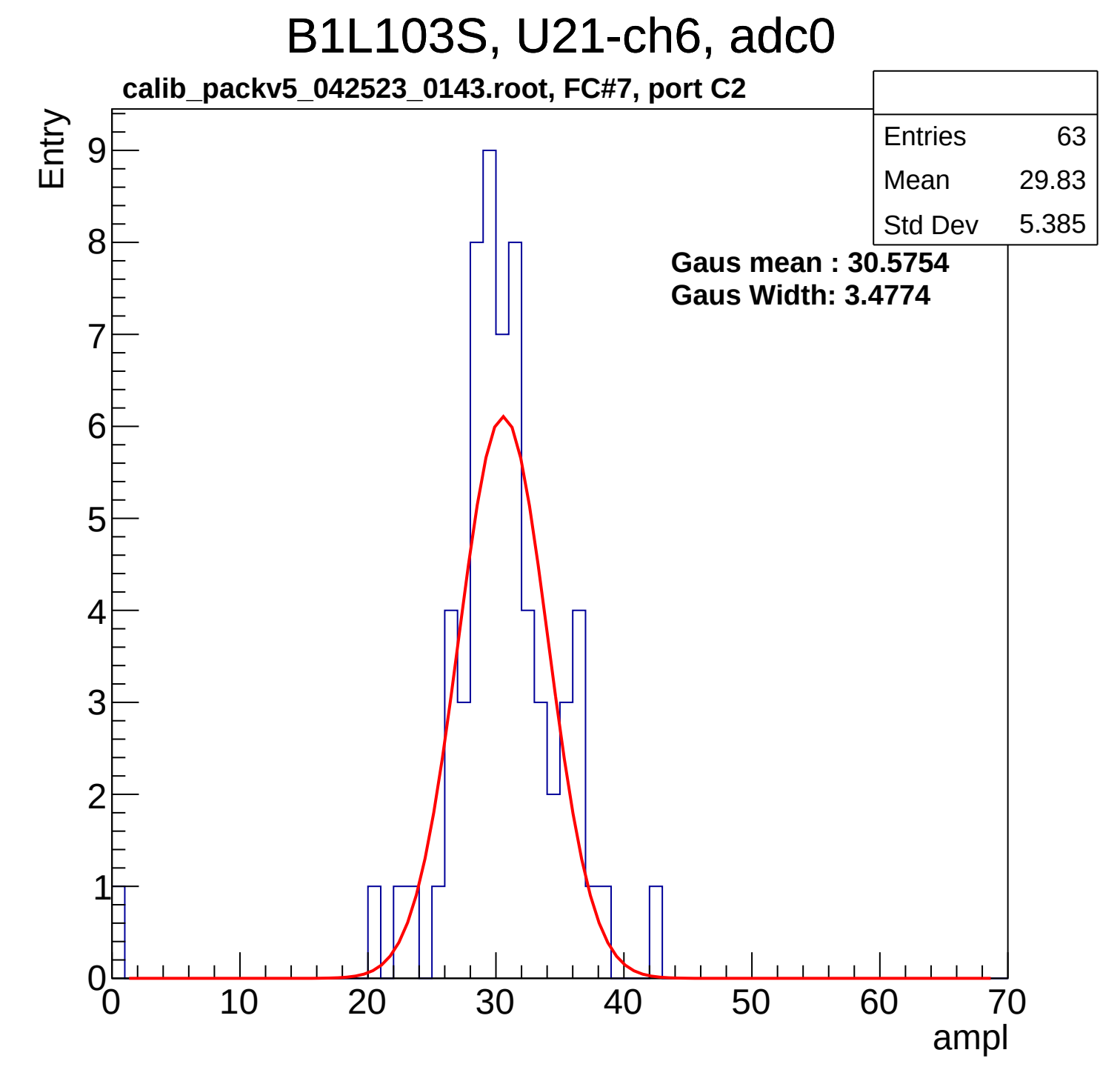
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch6, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 29.83
Std Dev 5.385
Gaus mean : 30.5754
Gaus Width: 3.4774
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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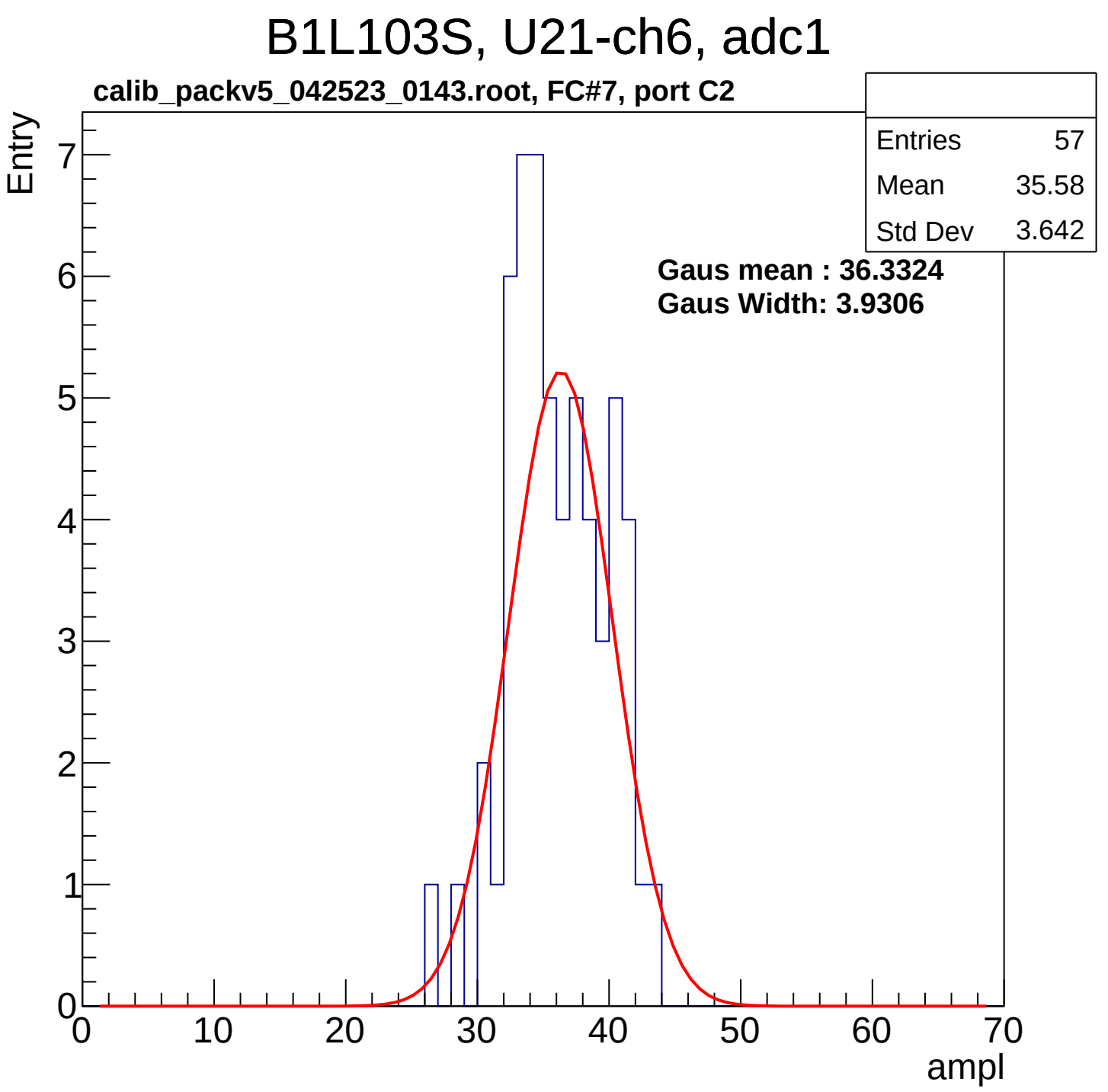
B1L103S, U21-ch6, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 35.58
Std Dev 3.642
Gaus mean : 36.3324
Gaus Width: 3.9306
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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60
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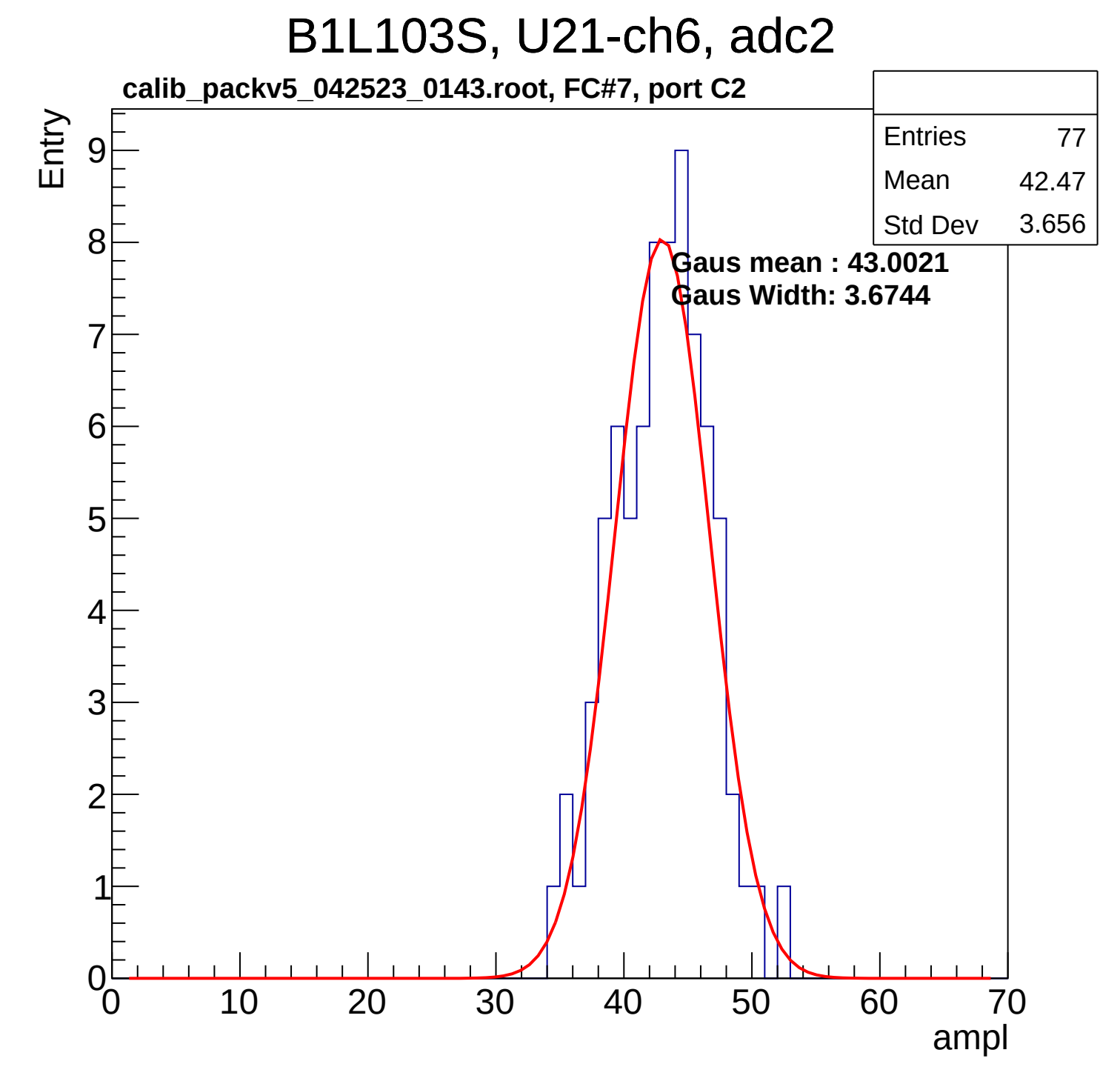
B1L103S, U21-ch6, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 77
Mean 42.47
Std Dev 3.656
Gaus mean : 43.0021
Gaus Width: 3.6744
Entry
ampl
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2
3
4
5
6
7
8
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0
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60
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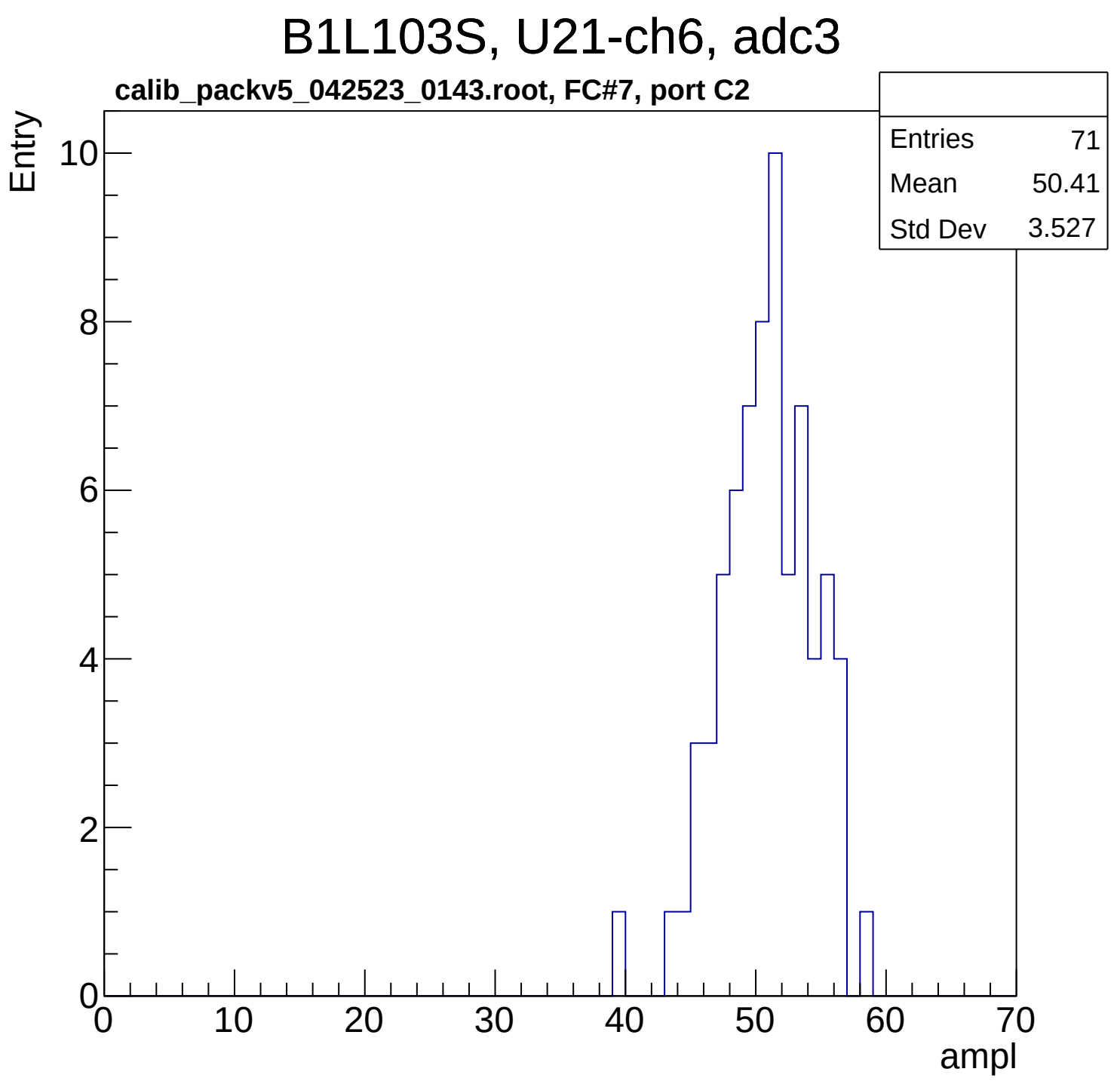
B1L103S, U21-ch6, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 50.41
Std Dev 3.527
Entry
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10
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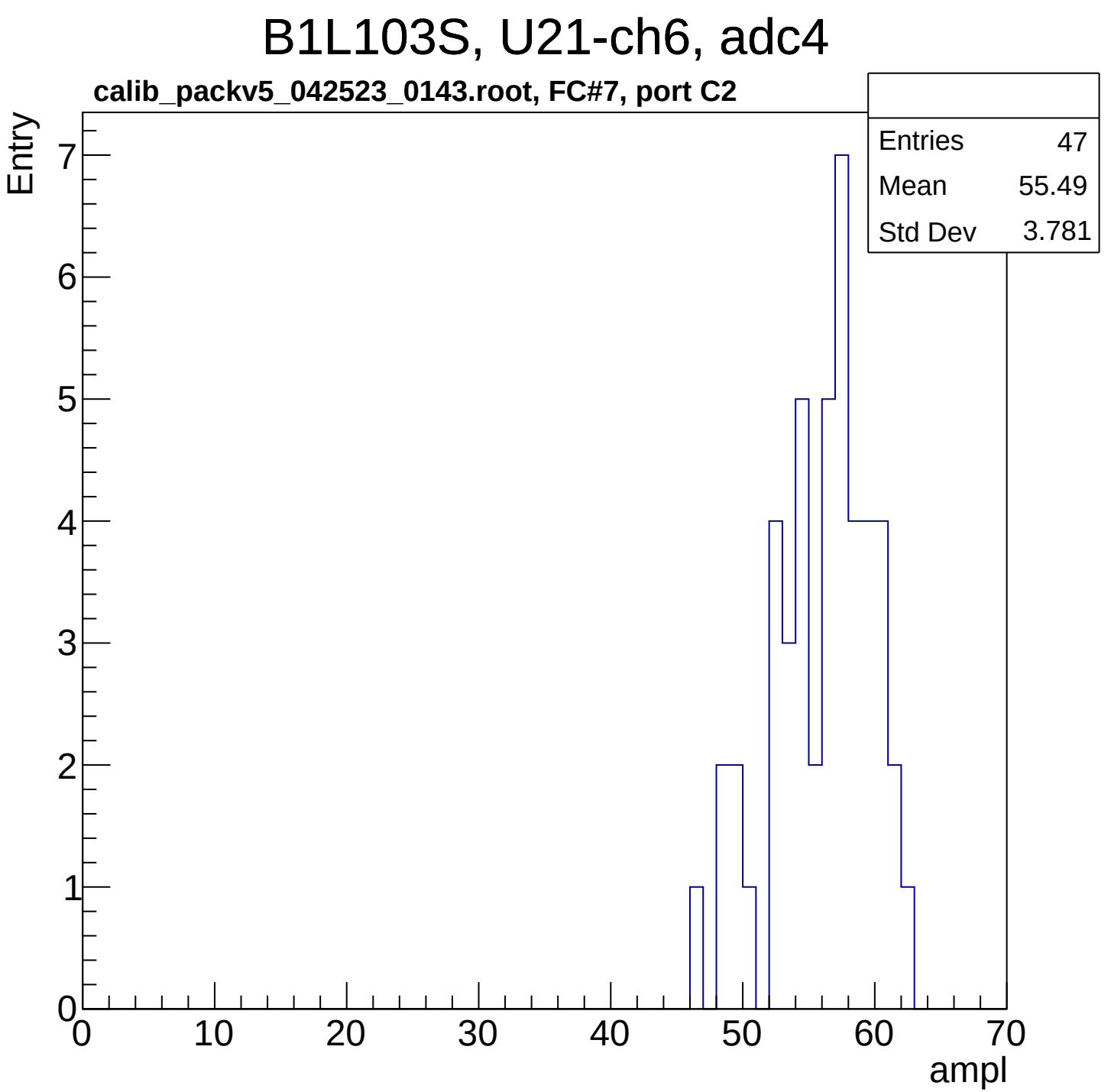
50
60
70
ampl


B1L103S, U21-ch6, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 47
Mean 55.49
Std Dev 3.781
Entry
ampl
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1
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0
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60
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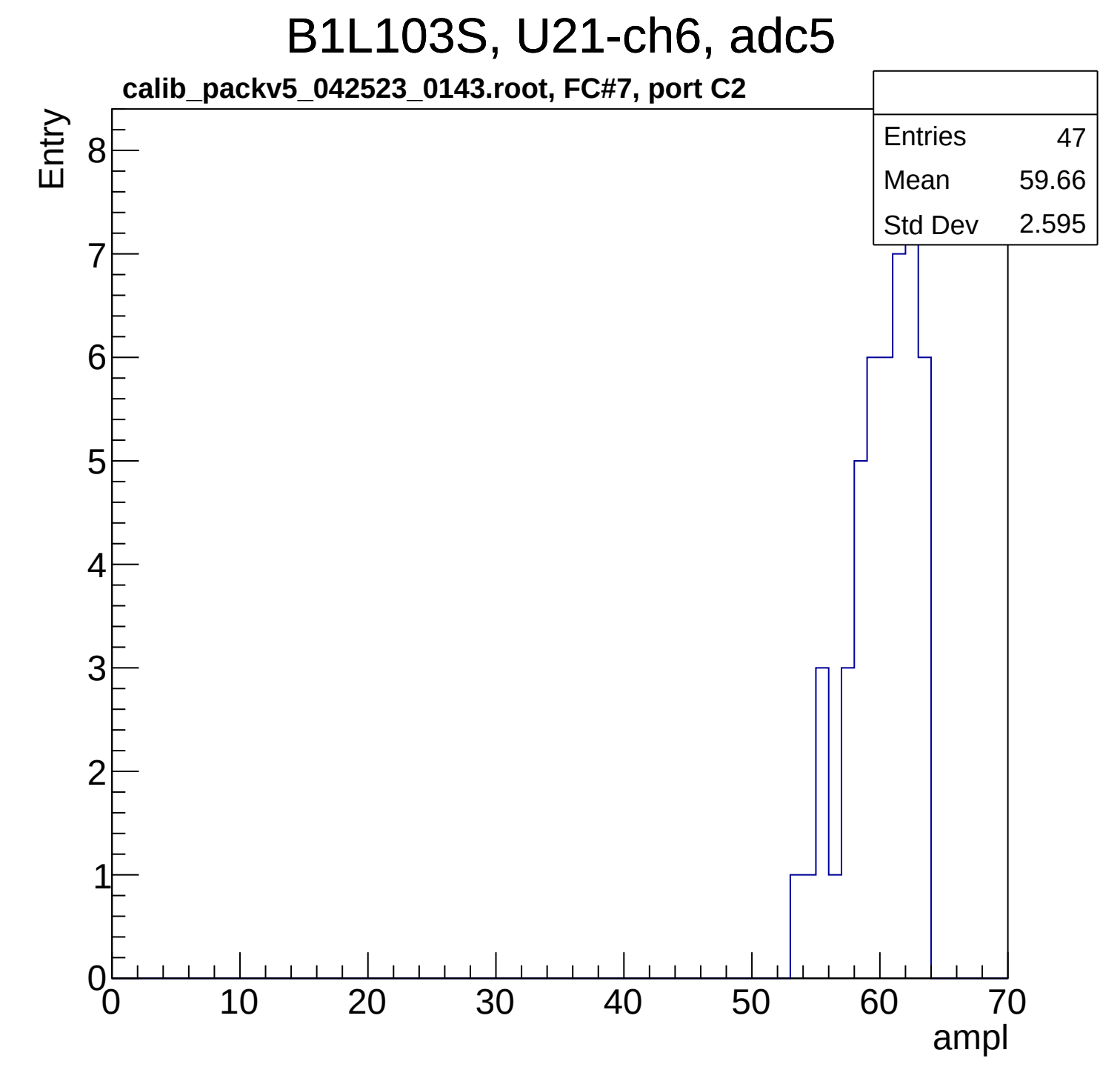
B1L103S, U21-ch6, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 47
Mean 59.66
Std Dev 2.595
Entry
ampl
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4
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40
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60
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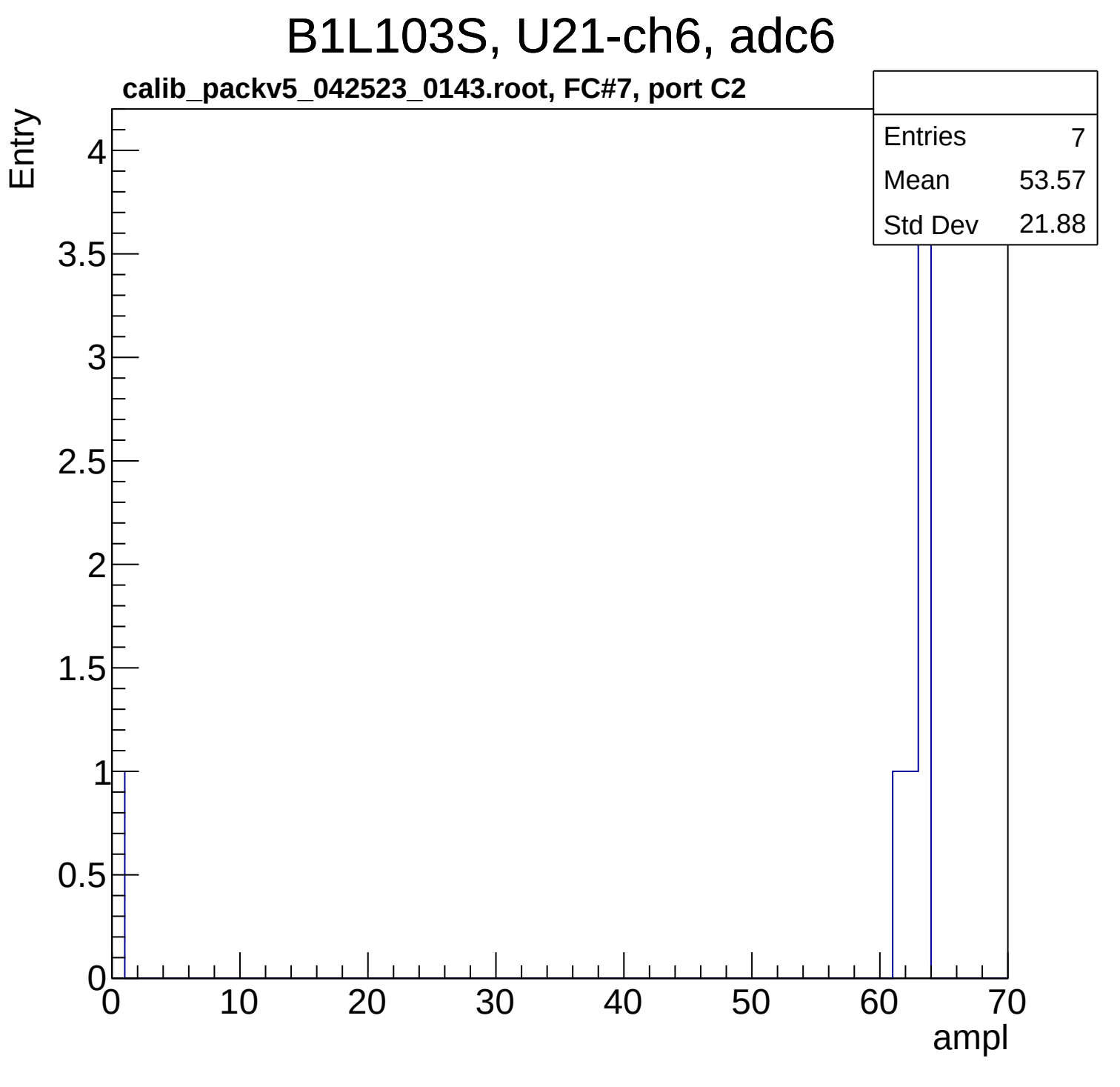
B1L103S, U21-ch6, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 7
Mean 53.57
Std Dev 21.88
Entry
ampl
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1.5
2
2.5
3
3.5
4
0
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20
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40
50
60
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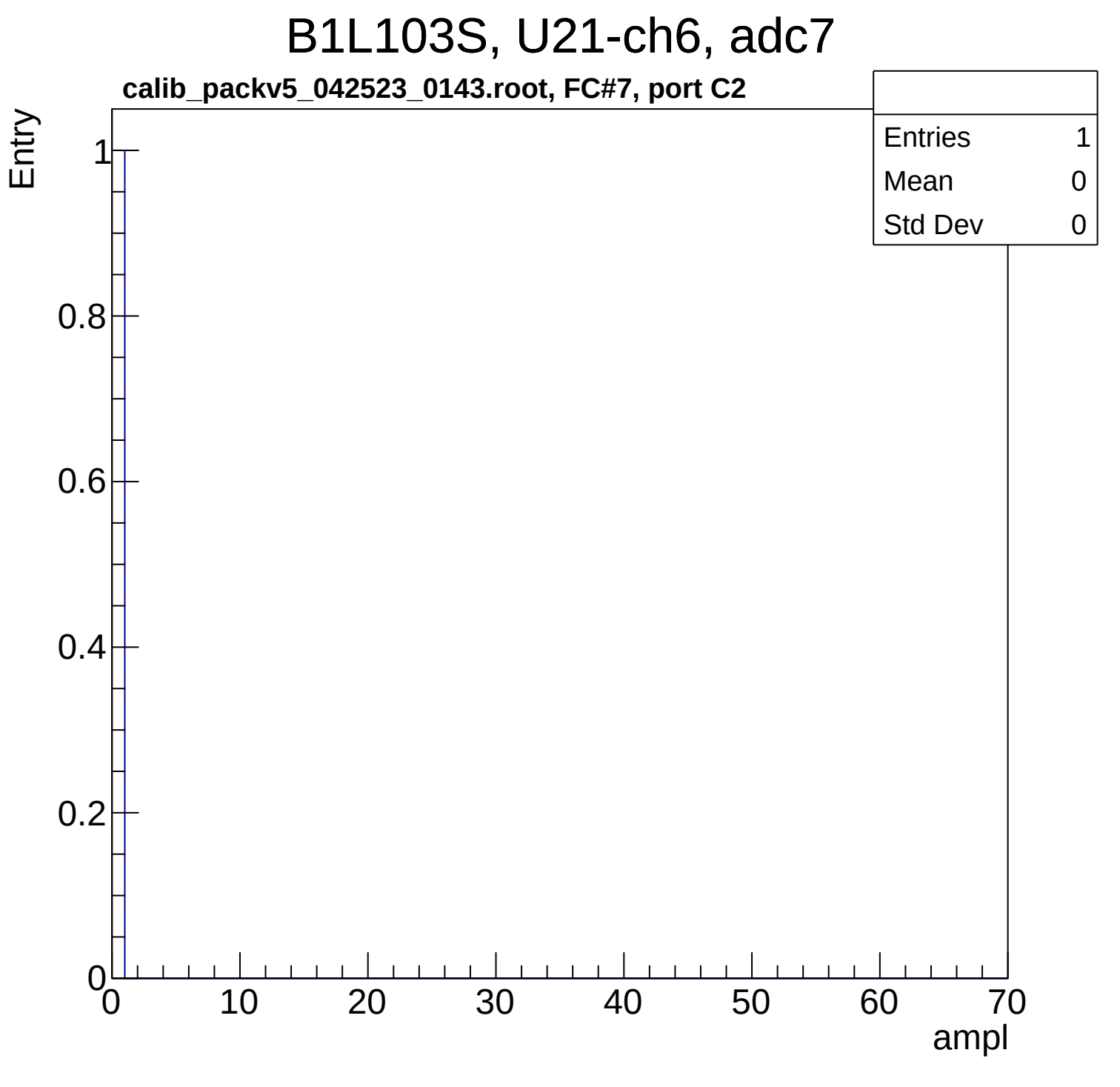
B1L103S, U21-ch6, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
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10
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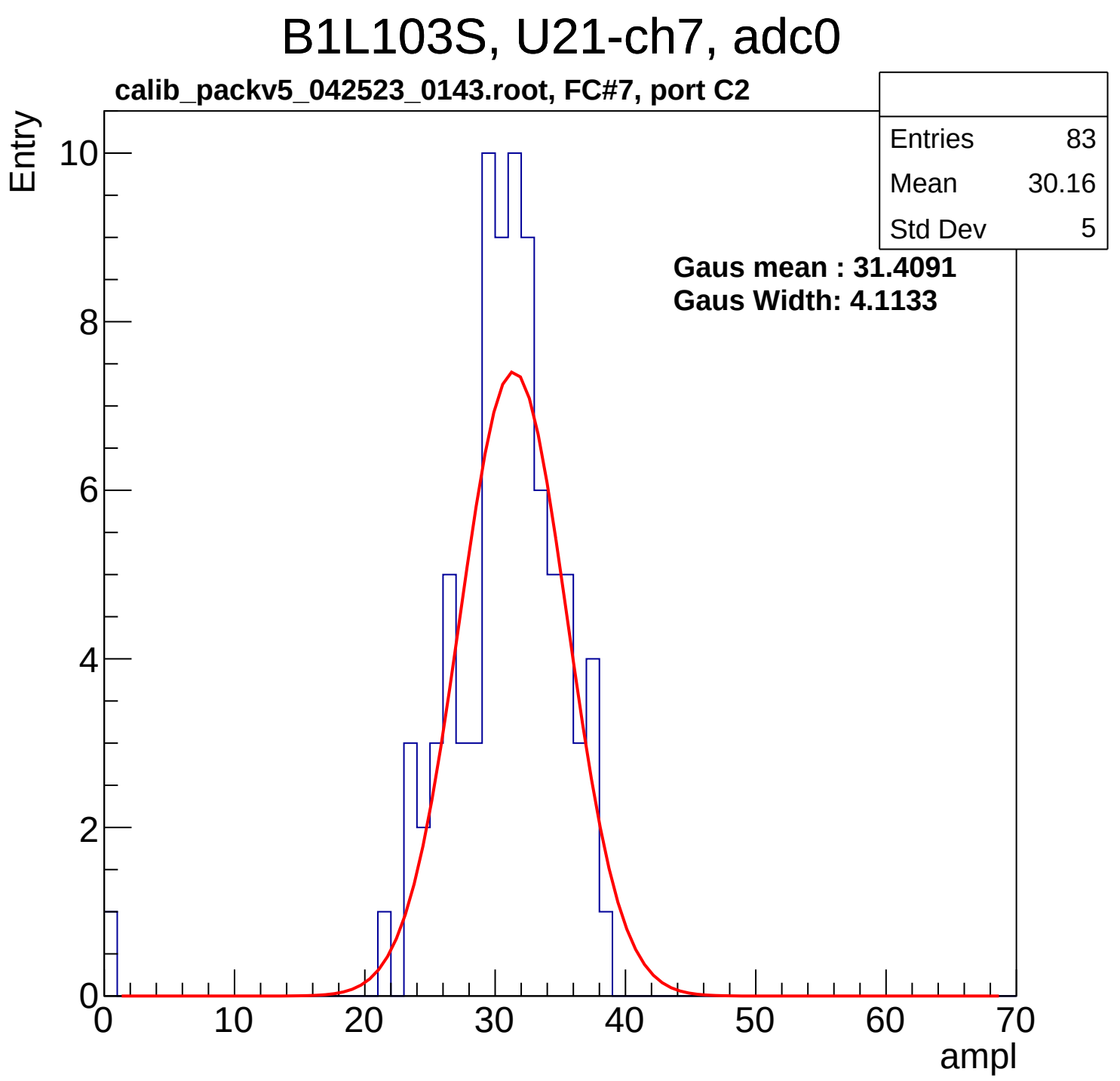
70
ampl


B1L103S, U21-ch7, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 83
Mean 30.16
Std Dev 5
Gaus mean : 31.4091
Gaus Width: 4.1133
Entry
ampl
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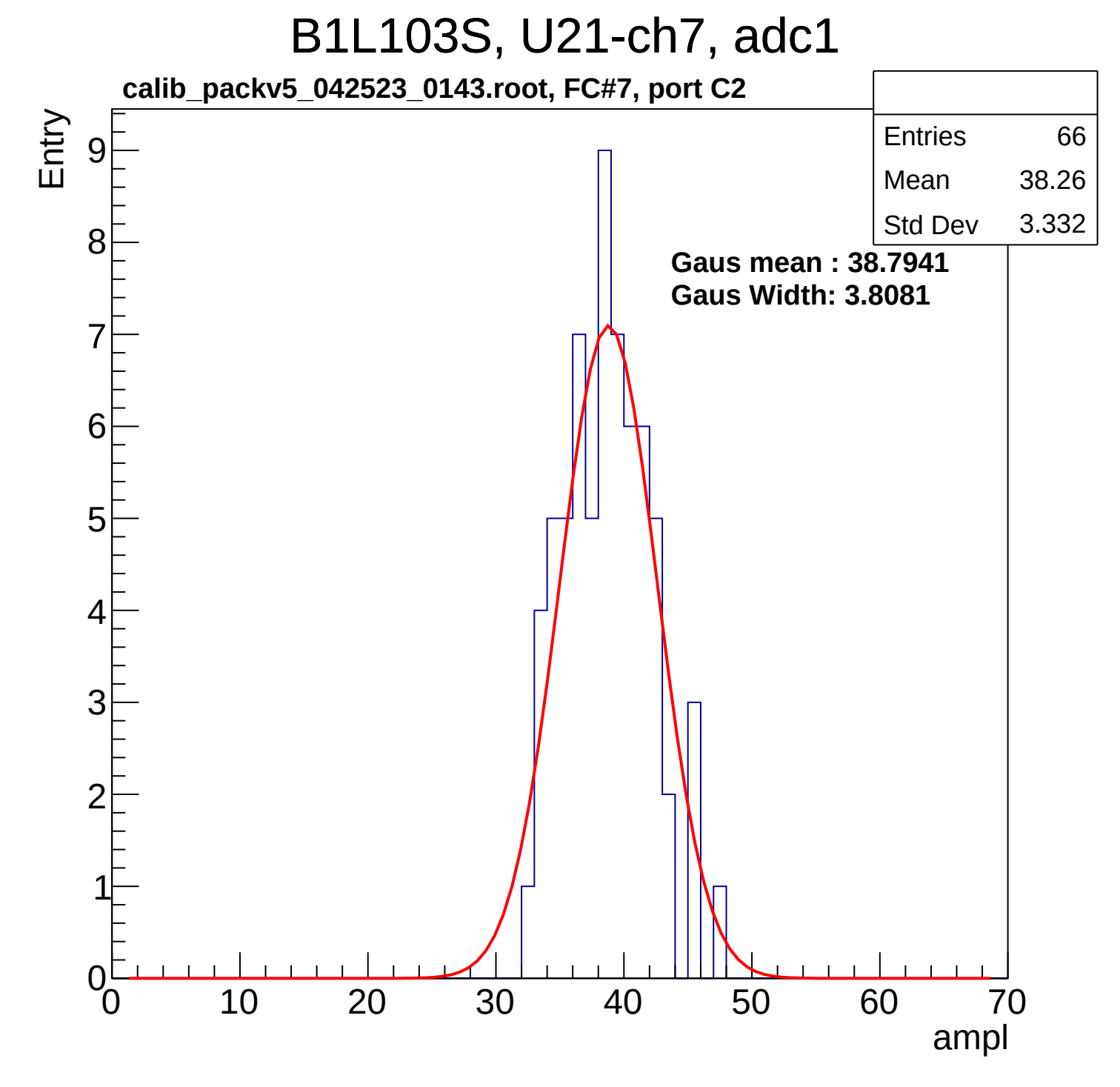
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U21-ch7, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 38.26
Std Dev 3.332
Gaus mean : 38.7941
Gaus Width: 3.8081
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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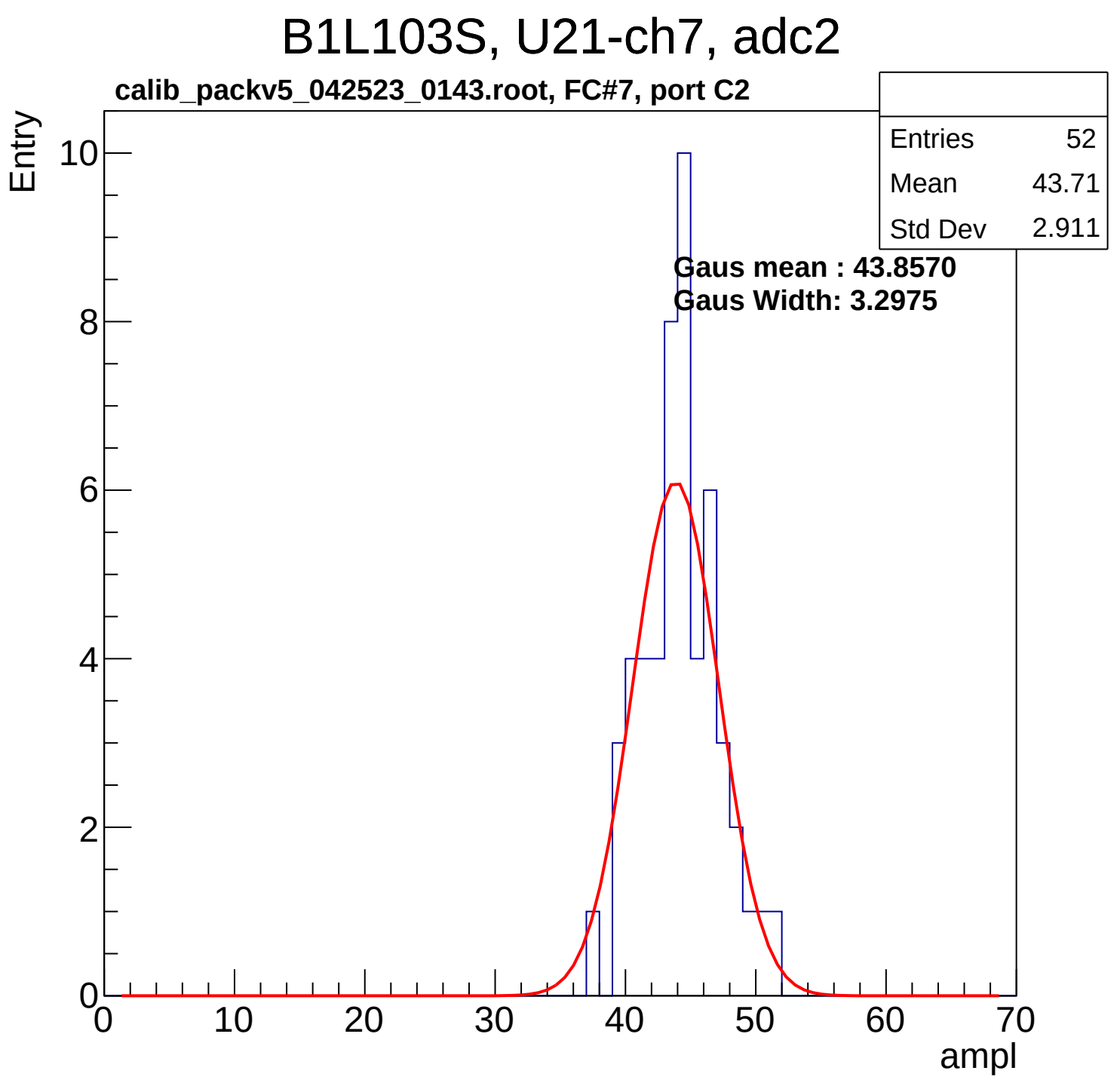
B1L103S, U21-ch7, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 52
Mean 43.71
Std Dev 2.911
Gaus mean : 43.8570
Gaus Width: 3.2975
Entry
ampl
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4
6
8
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0
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50
60
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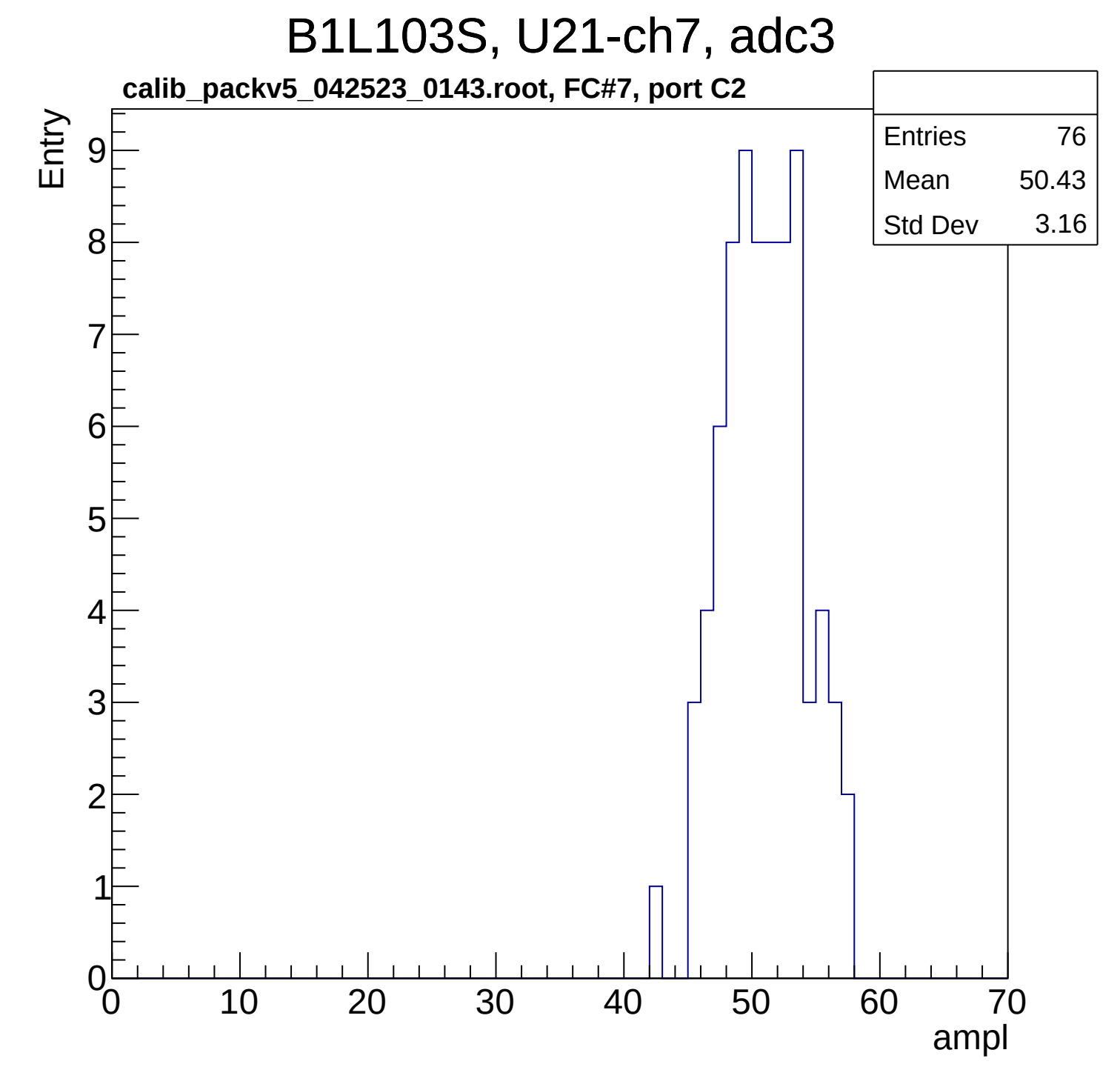
B1L103S, U21-ch7, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 50.43
Std Dev 3.16
Entry
ampl
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3
4
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6
7
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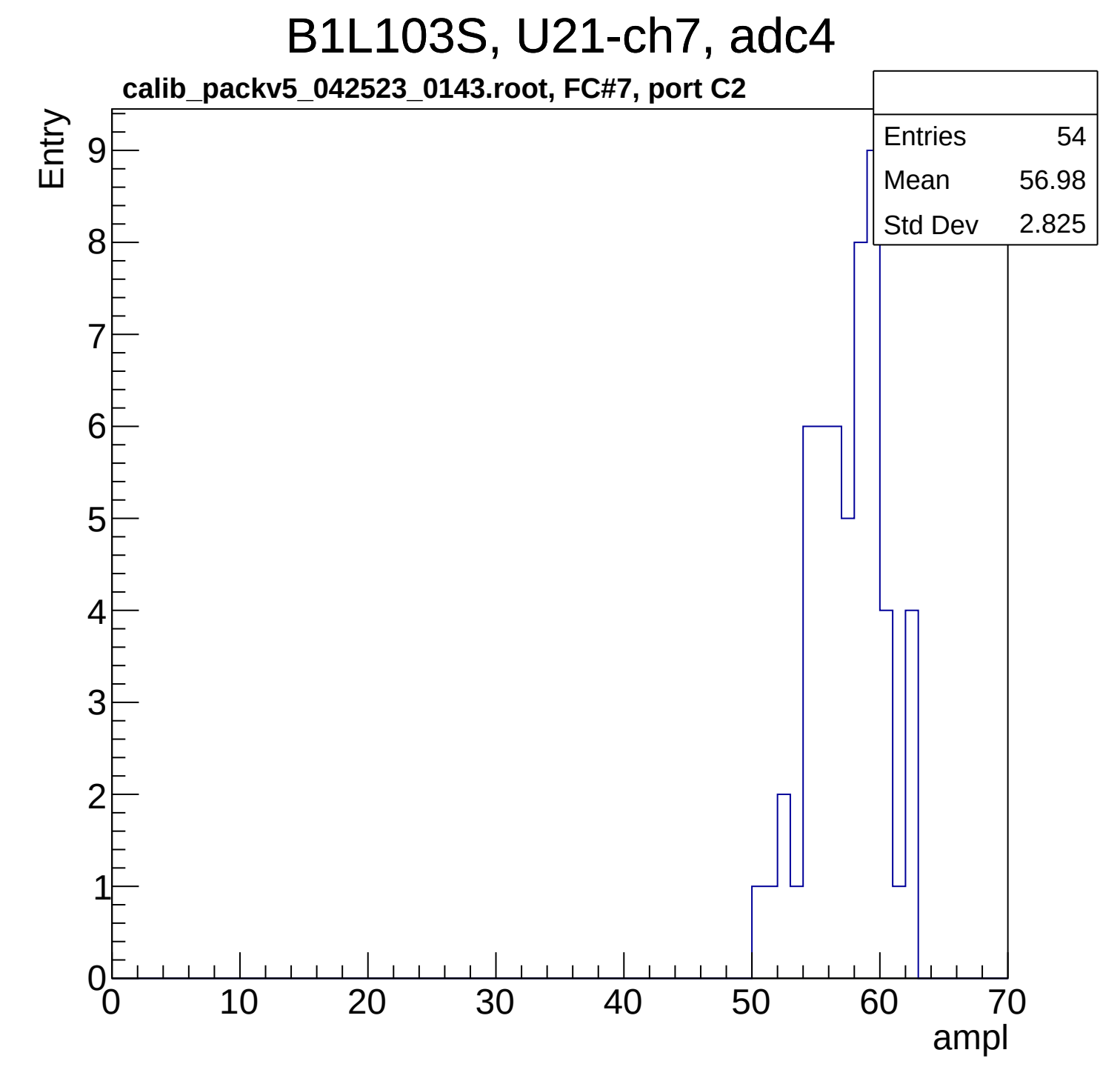
B1L103S, U21-ch7, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 56.98
Std Dev 2.825
Entry
ampl
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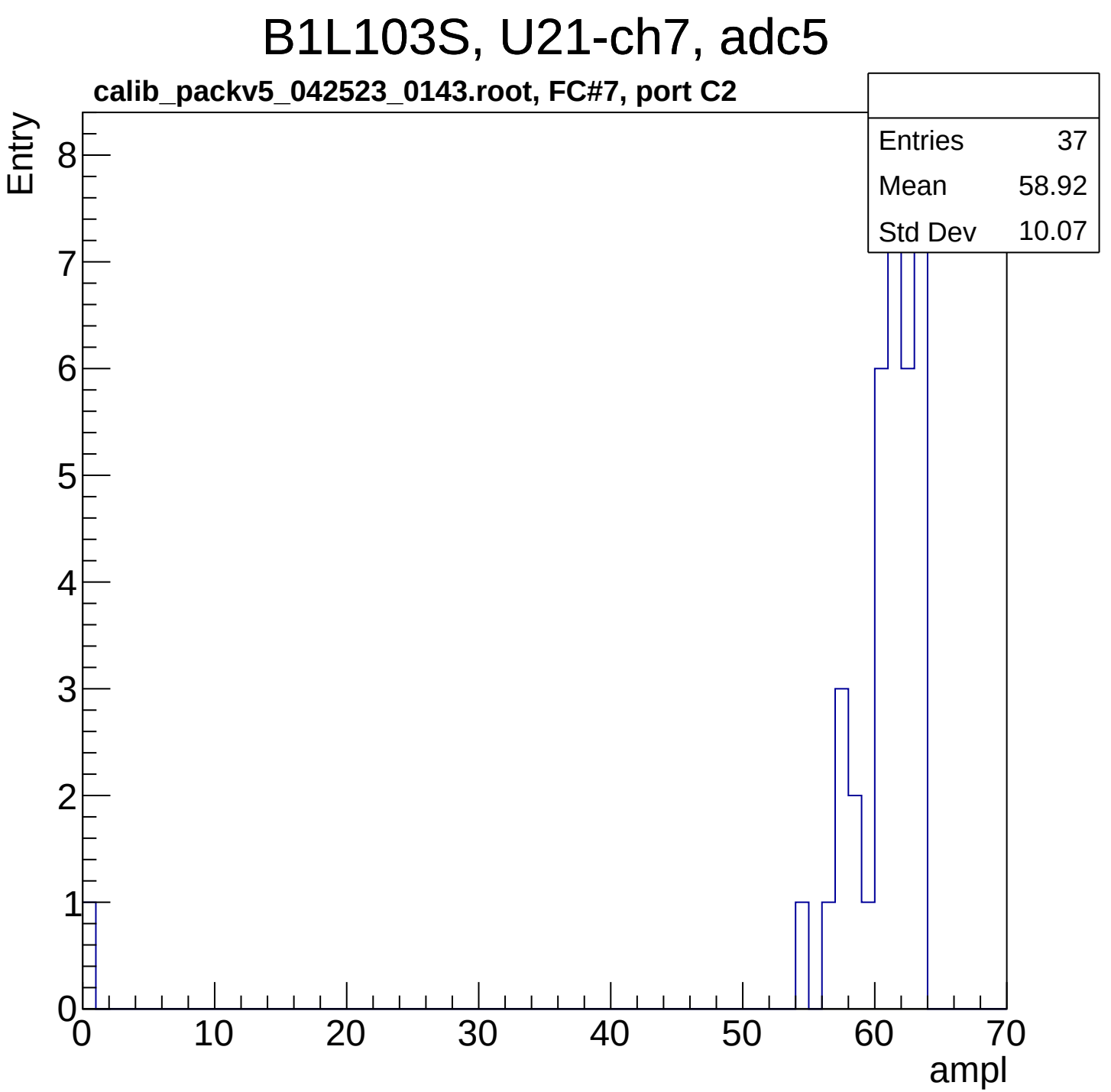
B1L103S, U21-ch7, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 37
Mean 58.92
Std Dev 10.07
Entry
ampl
0
1
2
3
4
5
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0
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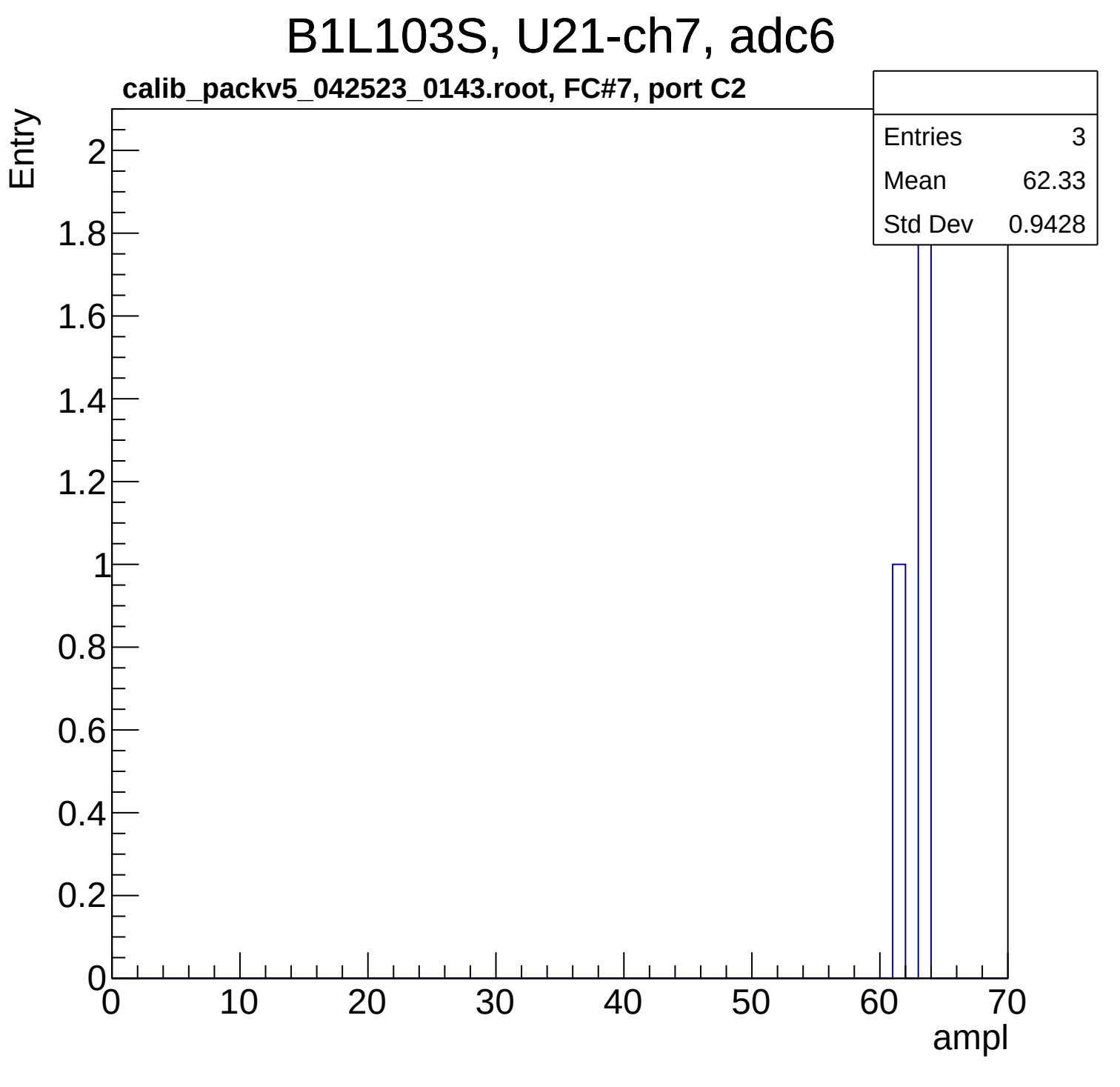
B1L103S, U21-ch7, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 62.33
Std Dev 0.9428
Entry
ampl
0
0.2
0.4
0.6
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1.2
1.4
1.6
1.8
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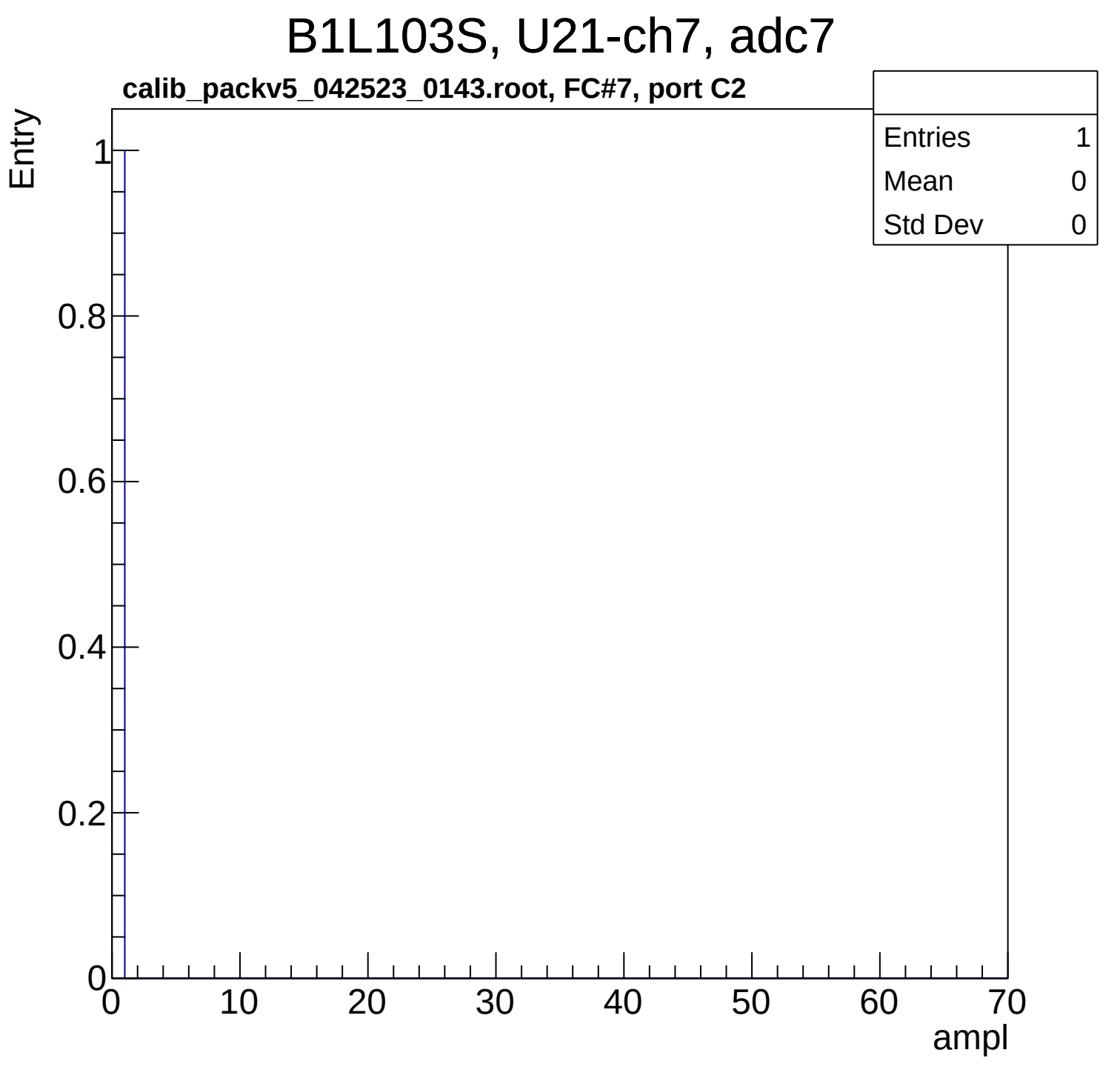
B1L103S, U21-ch7, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
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0.8
0.6
0.4
0.2
0
0
10
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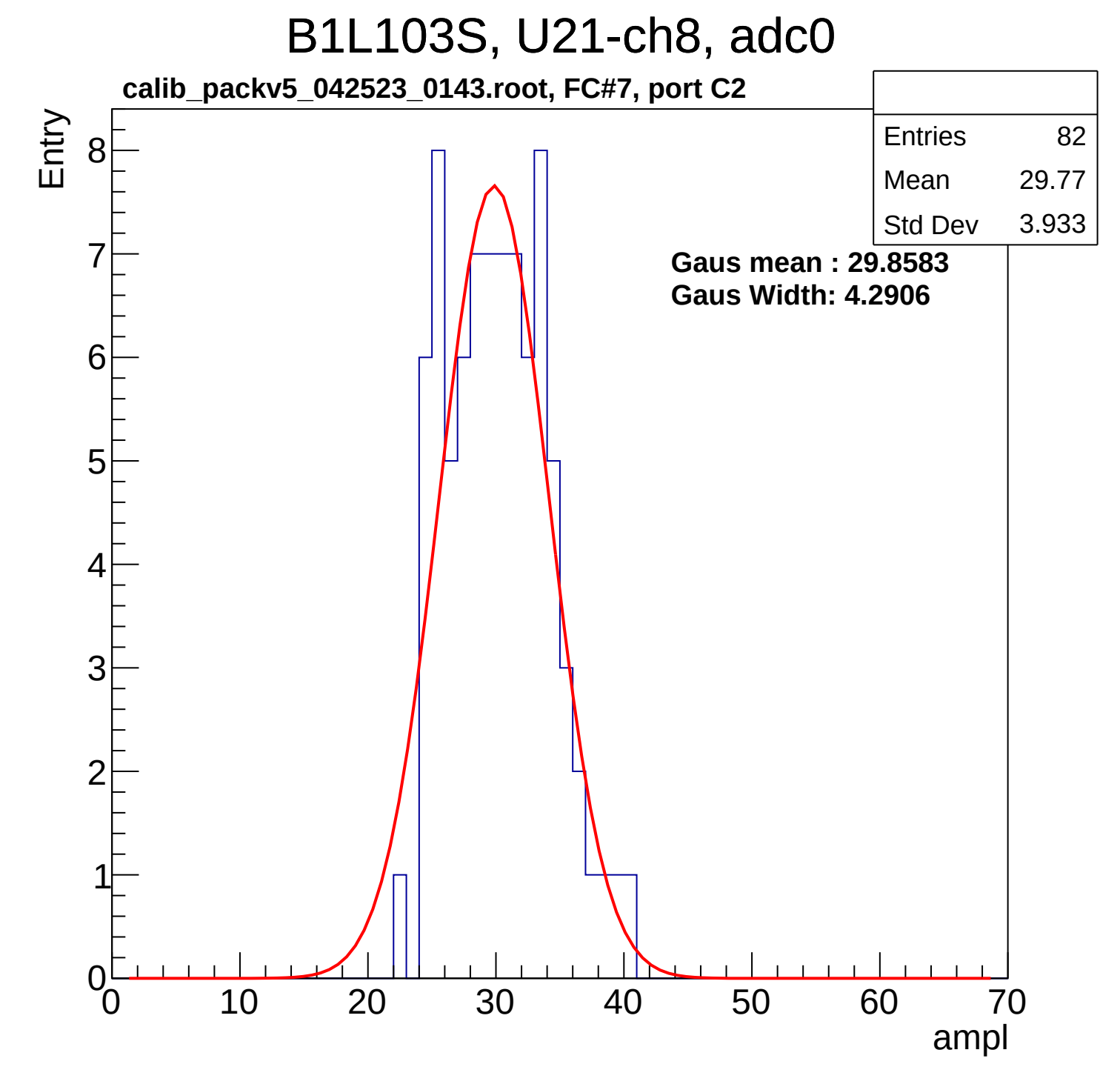
40
50
60
70
ampl


B1L103S, U21-ch8, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 82
Mean 29.77
Std Dev 3.933
Gaus mean : 29.8583
Gaus Width: 4.2906
Entry
ampl
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1
2
3
4
5
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0
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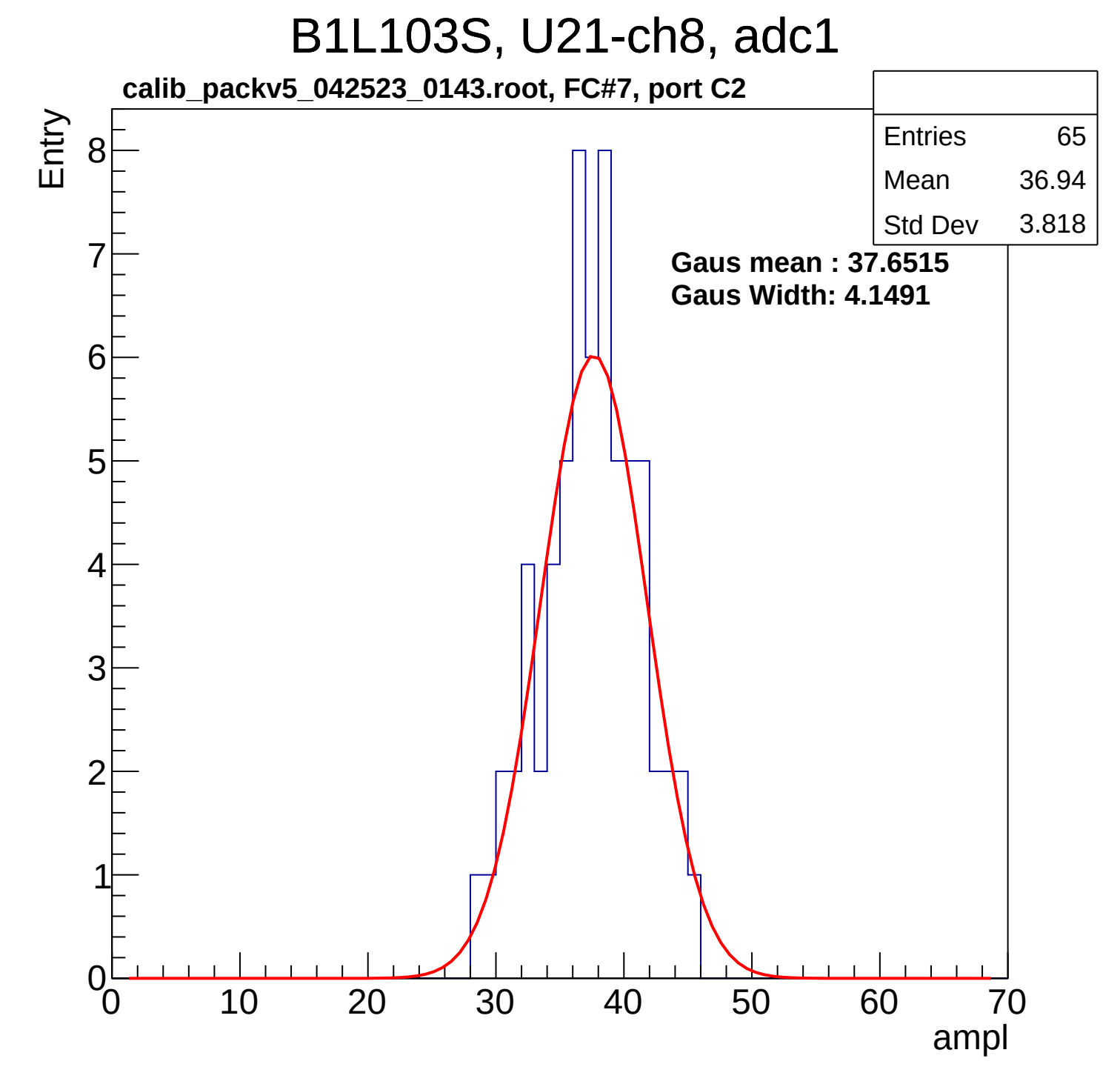
B1L103S, U21-ch8, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 36.94
Std Dev 3.818
Gaus mean : 37.6515
Gaus Width: 4.1491
Entry
ampl
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1
2
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5
6
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0
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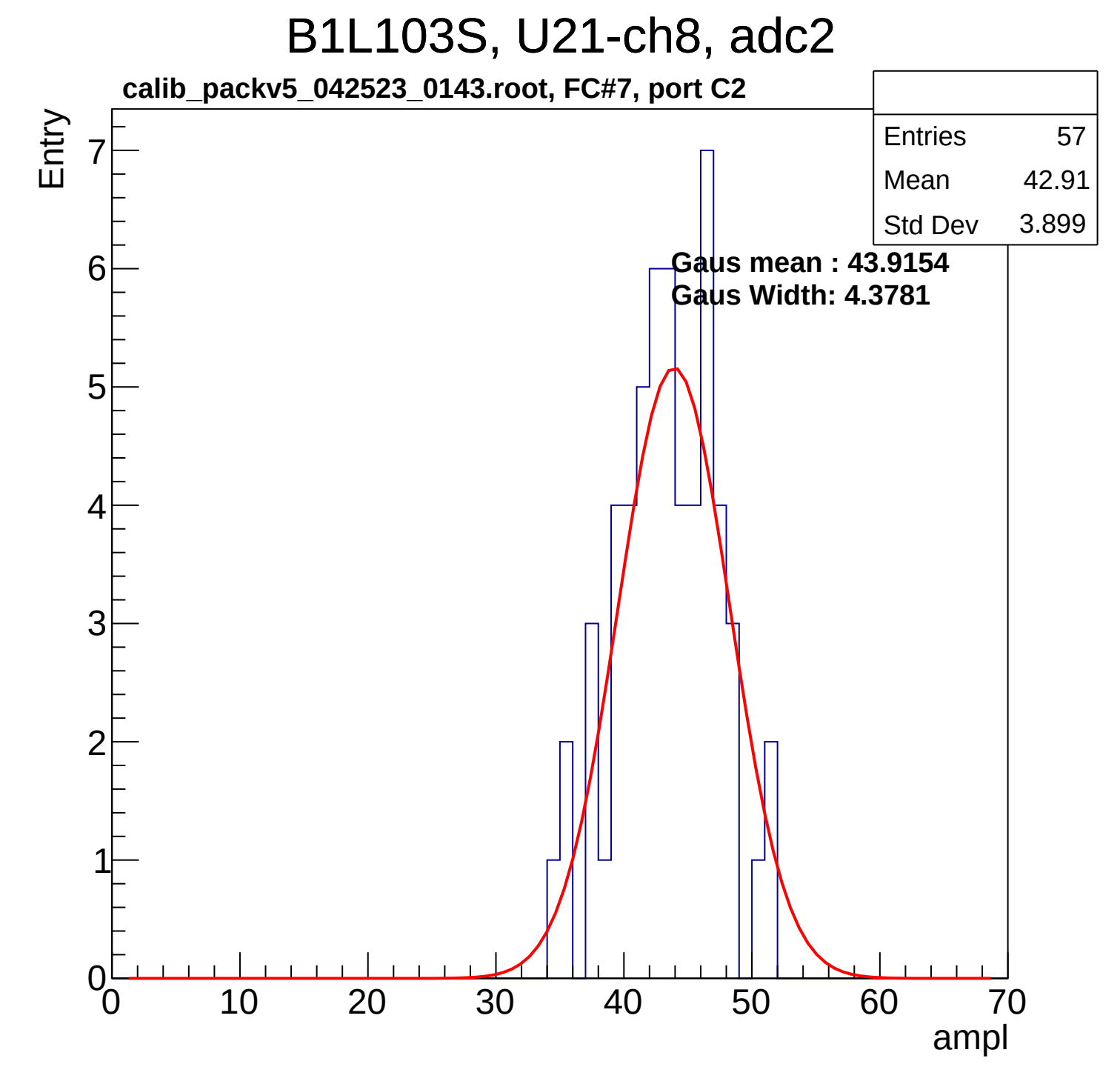
B1L103S, U21-ch8, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 42.91
Std Dev 3.899
Gaus mean : 43.9154
Gaus Width: 4.3781
Entry
ampl
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4
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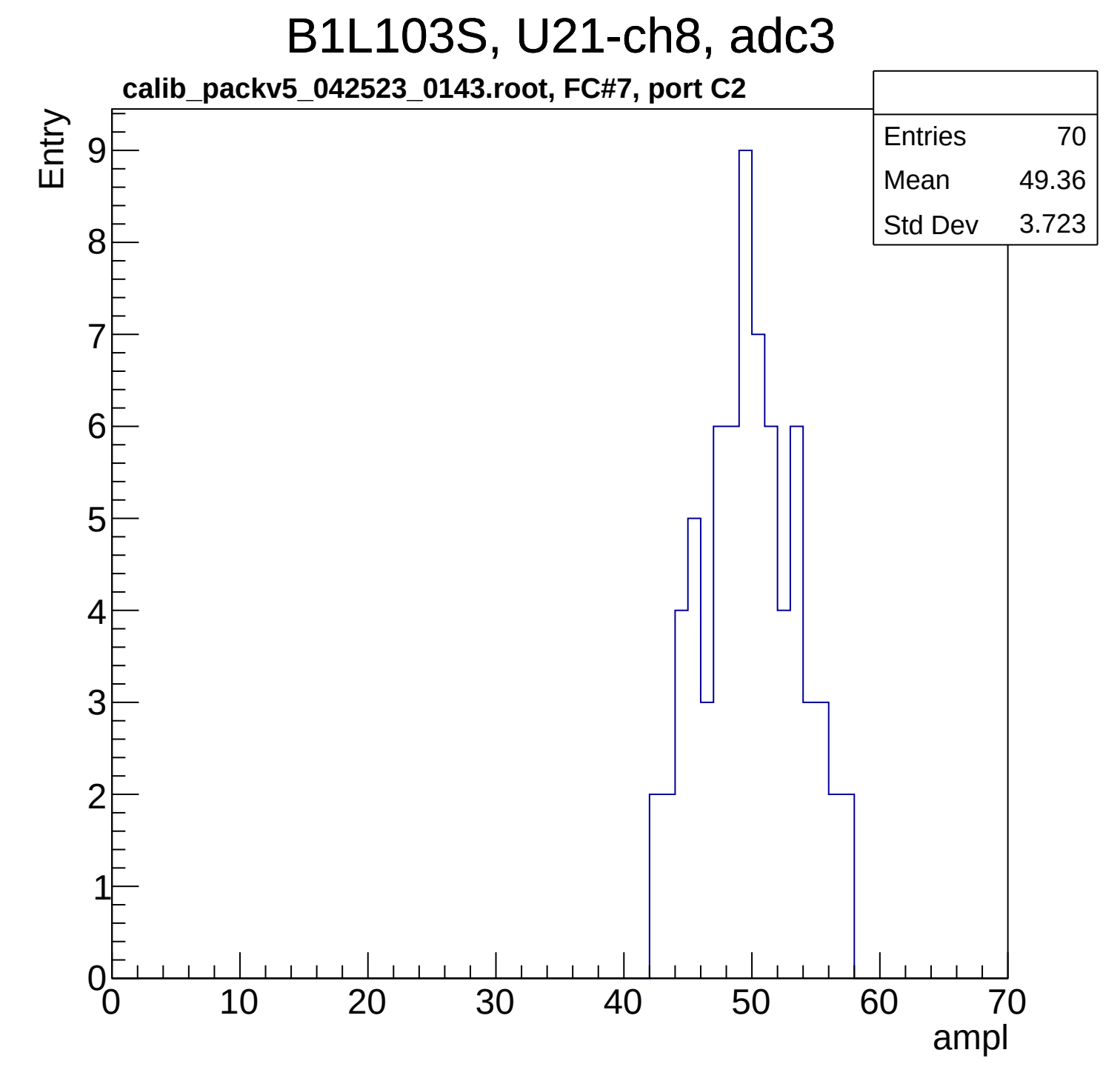
B1L103S, U21-ch8, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 49.36
Std Dev 3.723
Entry
ampl
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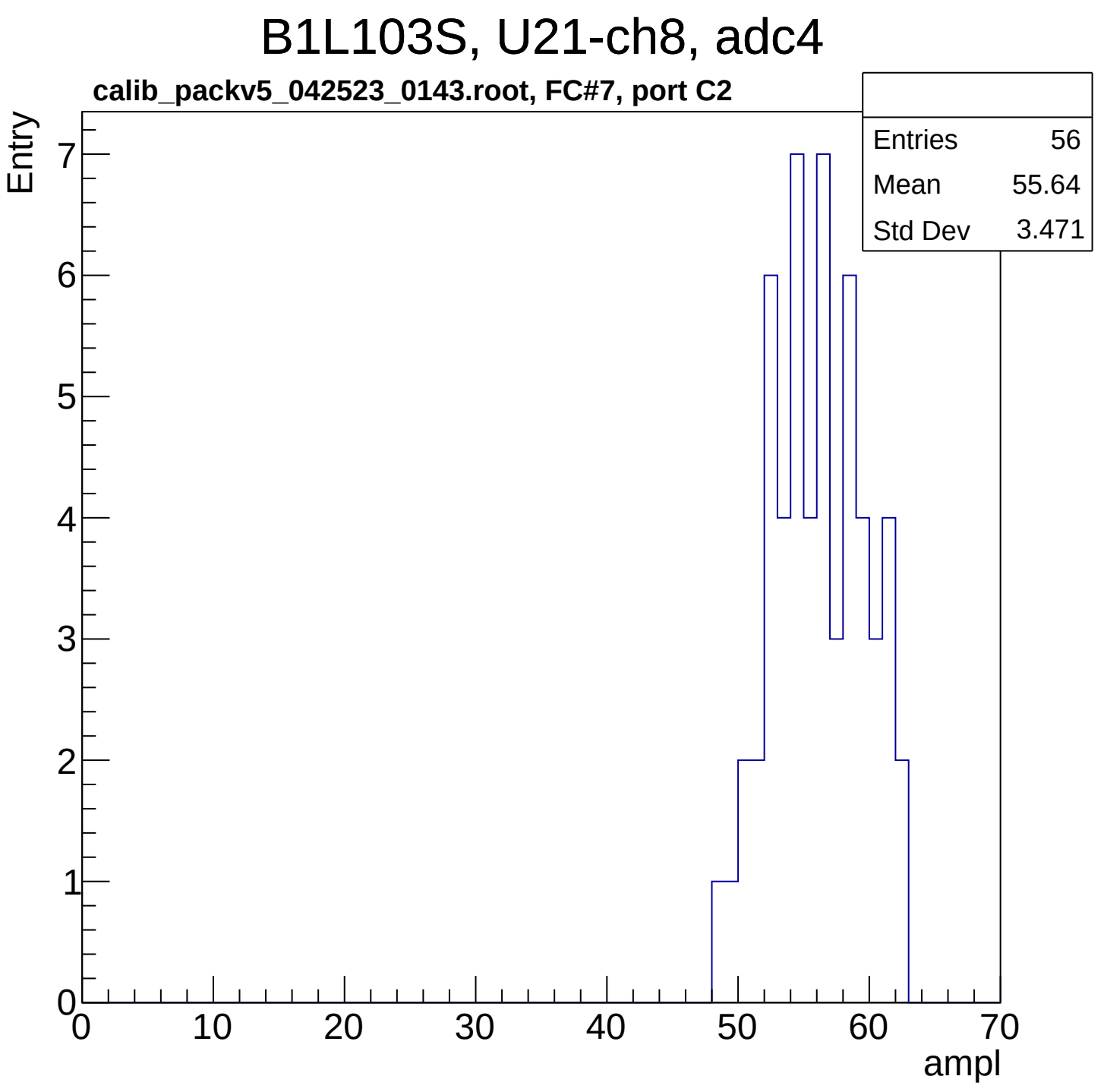
B1L103S, U21-ch8, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 55.64
Std Dev 3.471
Entry
ampl
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1
2
3
4
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0
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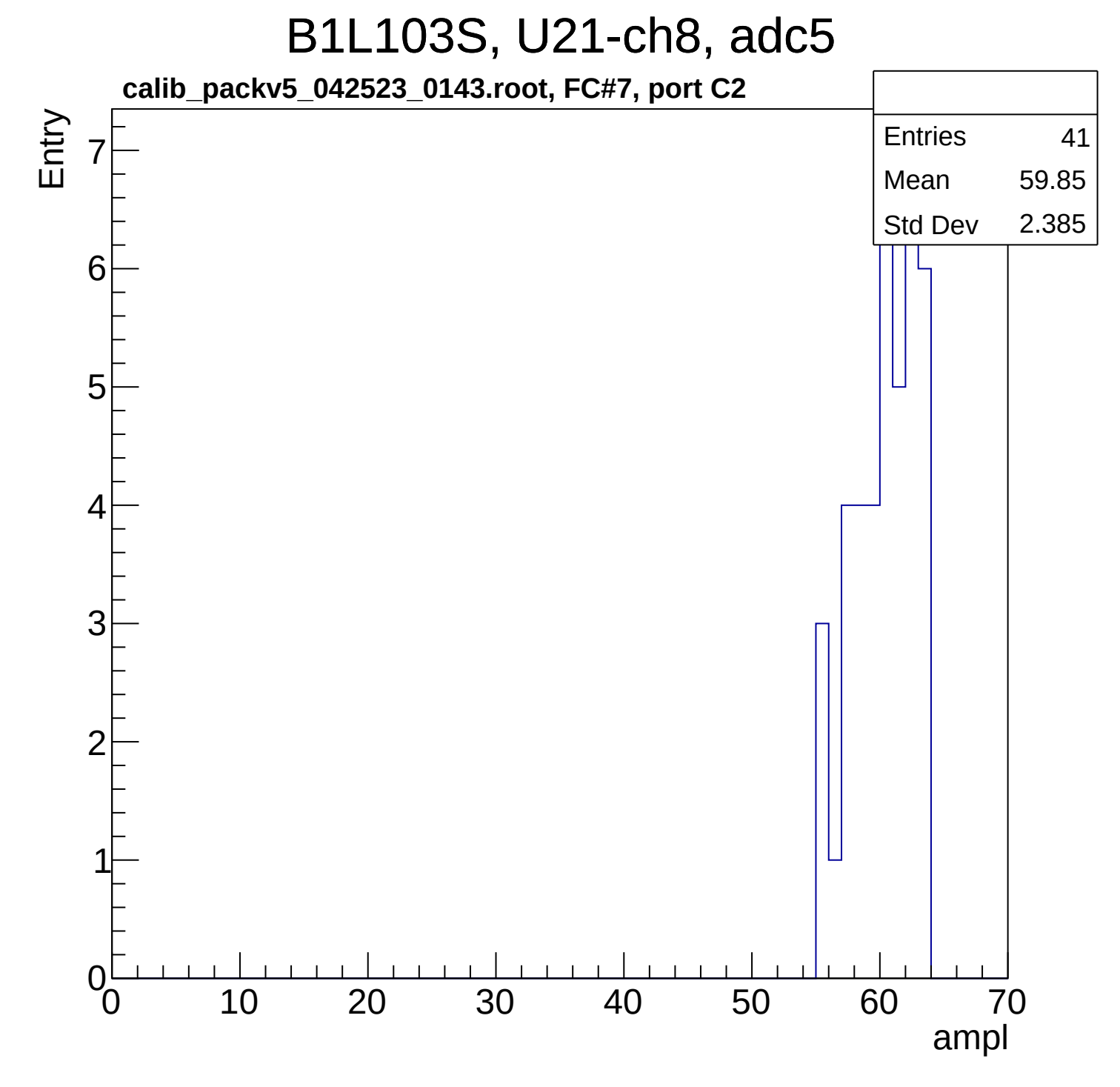
B1L103S, U21-ch8, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 41
Mean 59.85
Std Dev 2.385
Entry
ampl
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2
3
4
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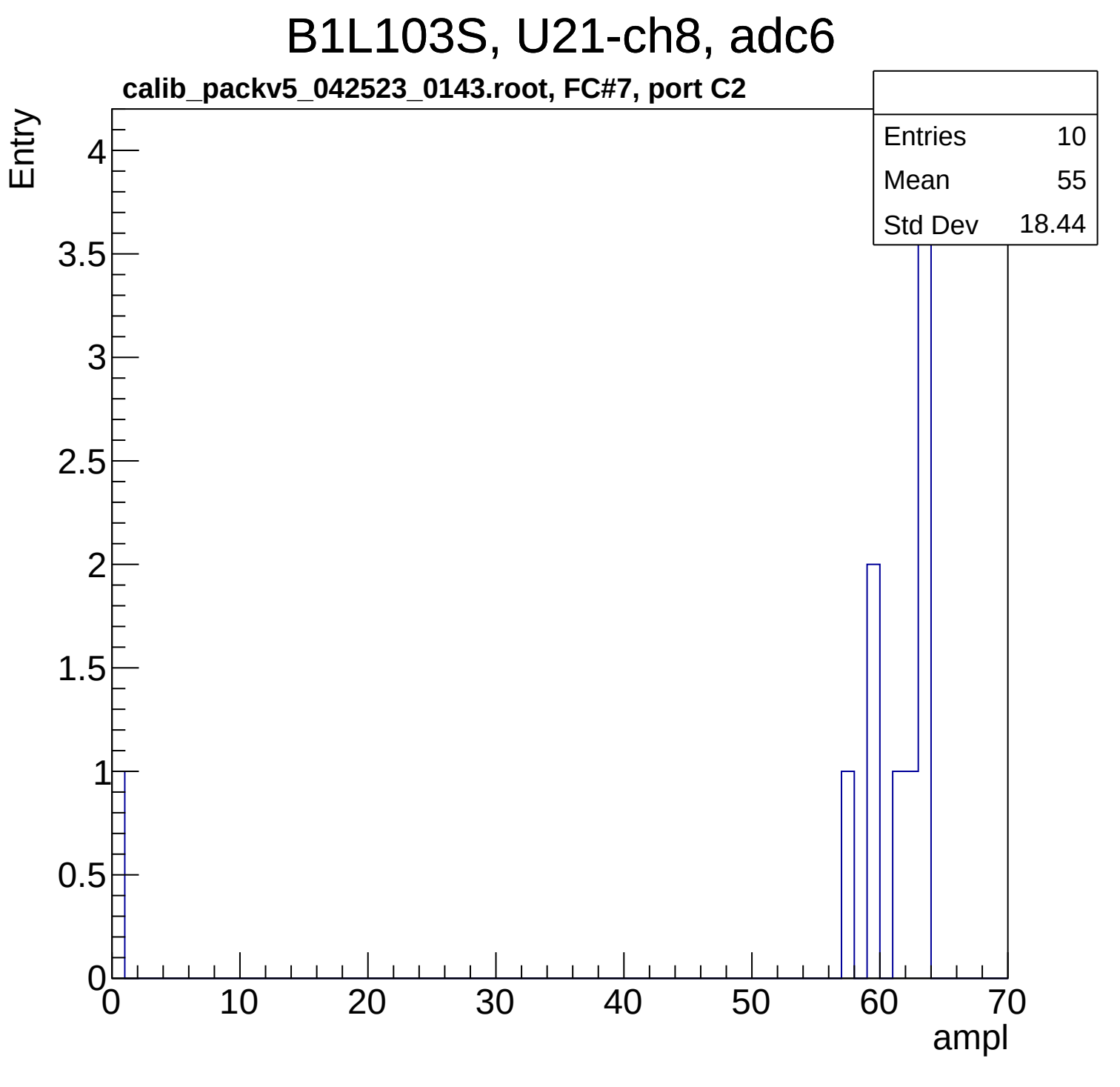
B1L103S, U21-ch8, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 10
Mean 55
Std Dev 18.44
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
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40
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60
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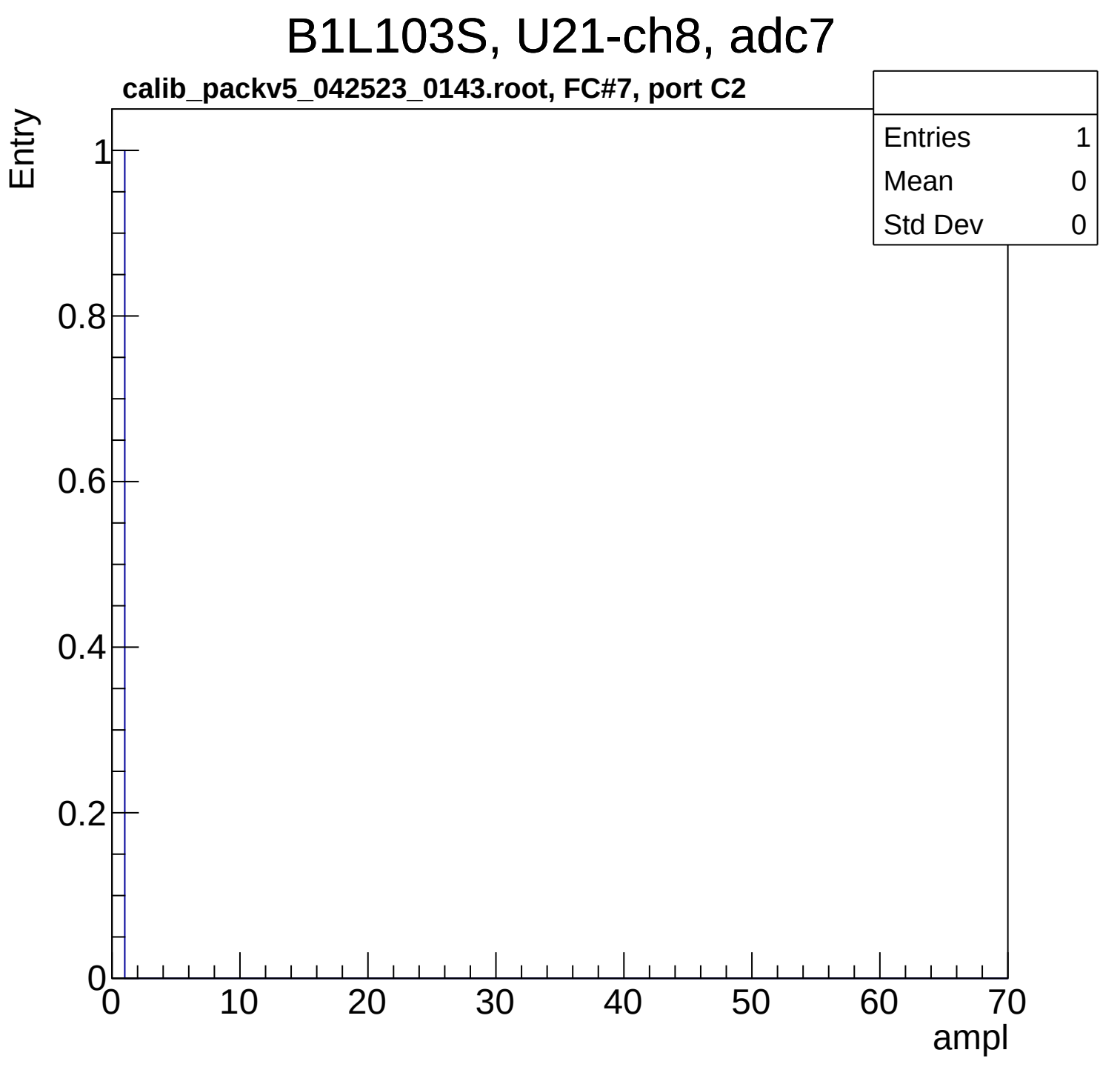
B1L103S, U21-ch8, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
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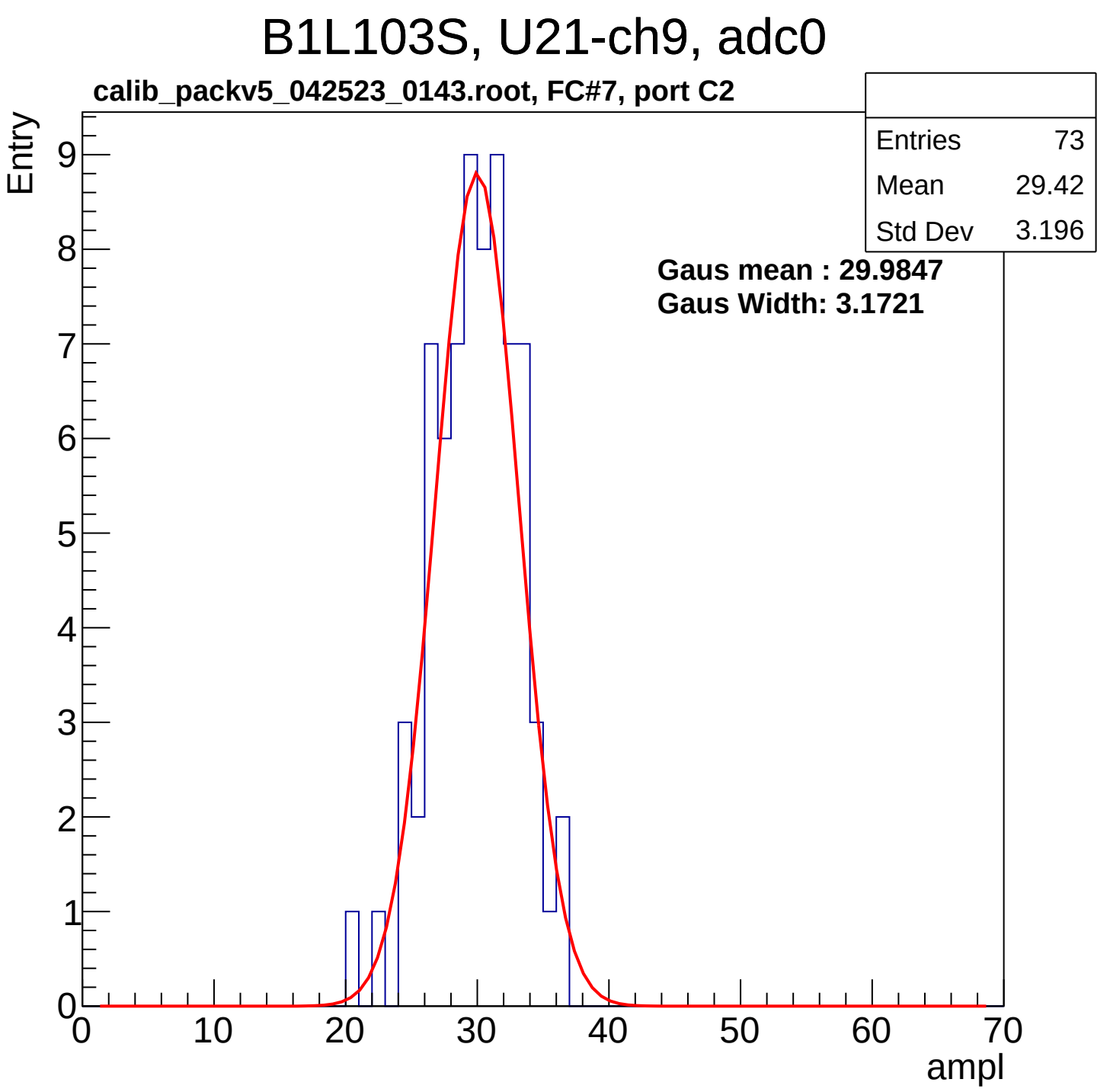
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch9, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 29.42
Std Dev 3.196
Gaus mean : 29.9847
Gaus Width: 3.1721
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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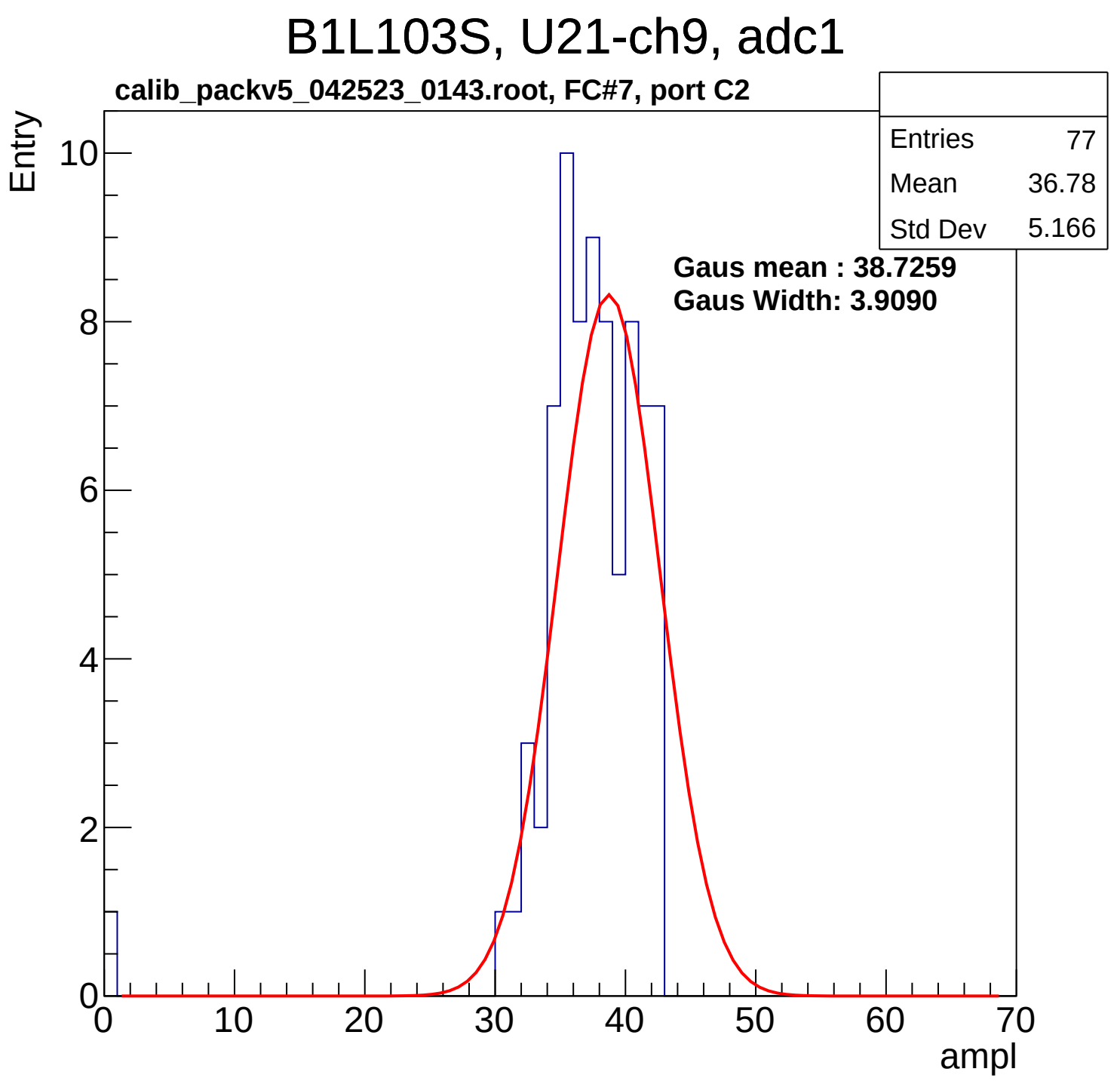
B1L103S, U21-ch9, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 77
Mean 36.78
Std Dev 5.166
Gaus mean : 38.7259
Gaus Width: 3.9090
Entry
ampl
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4
6
8
10
0
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20
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40
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60
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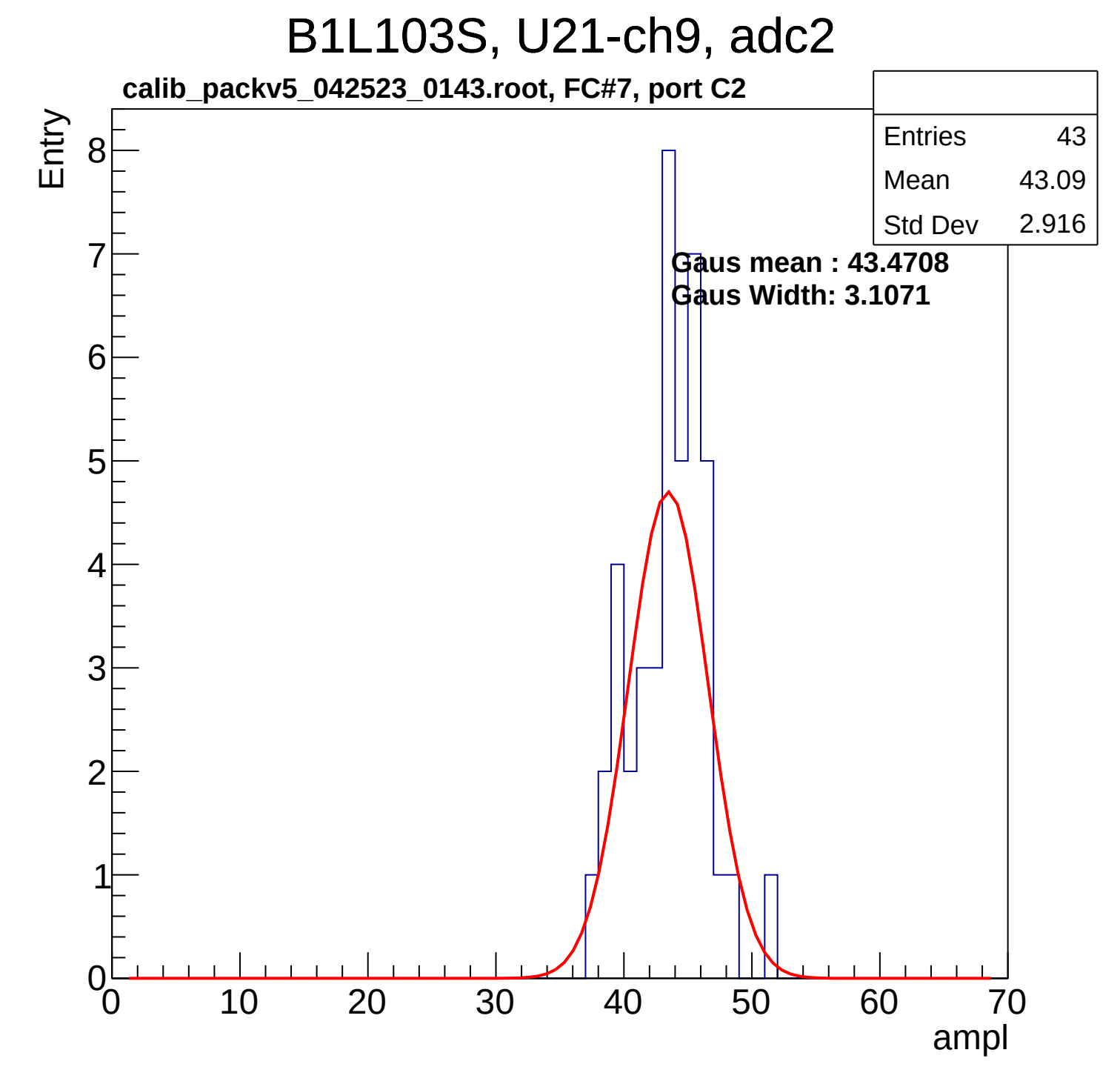
B1L103S, U21-ch9, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 43
Mean 43.09
Std Dev 2.916
Gaus mean : 43.4708
Gaus Width: 3.1071
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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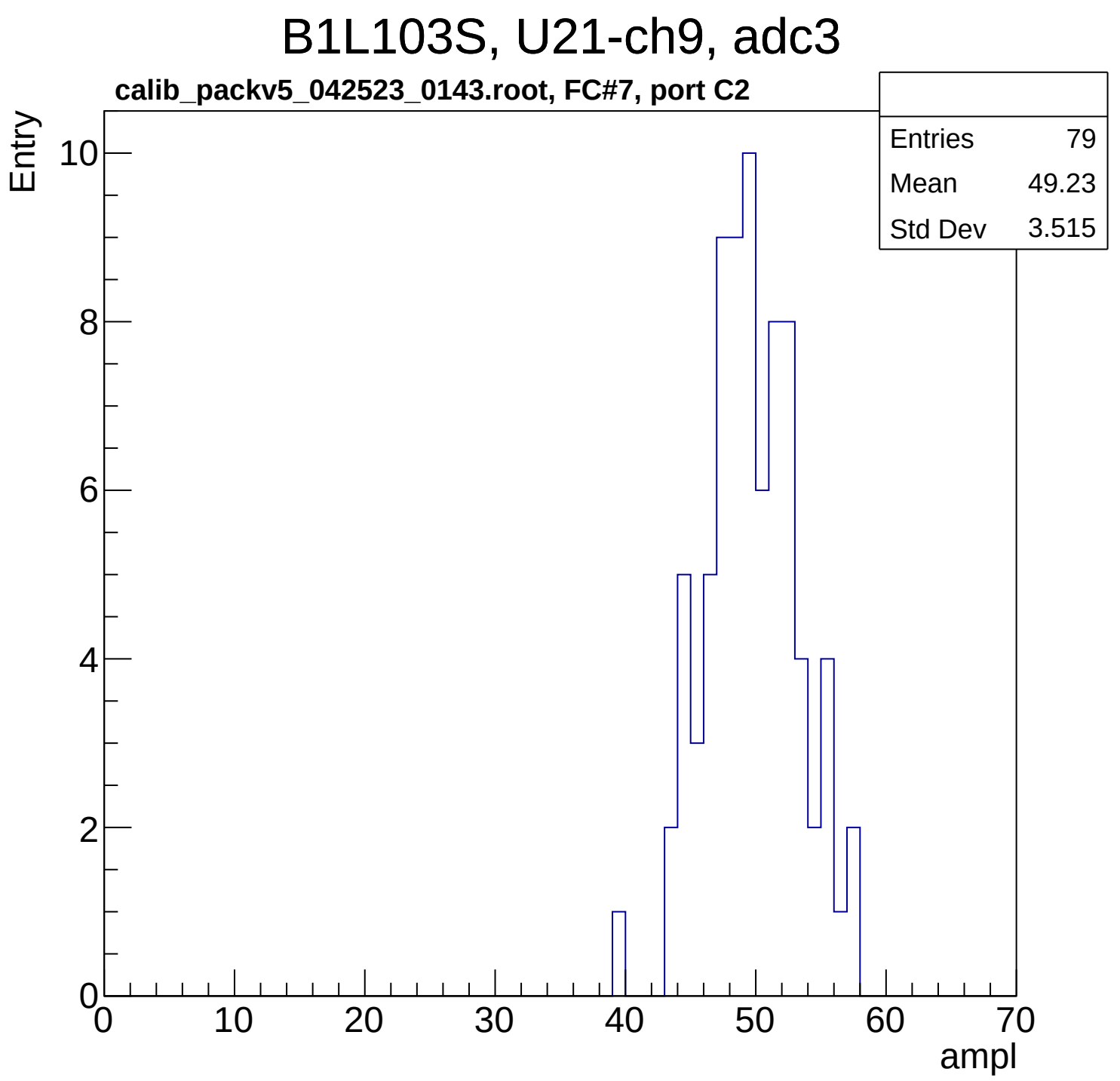
B1L103S, U21-ch9, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 79
Mean 49.23
Std Dev 3.515
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
50
60
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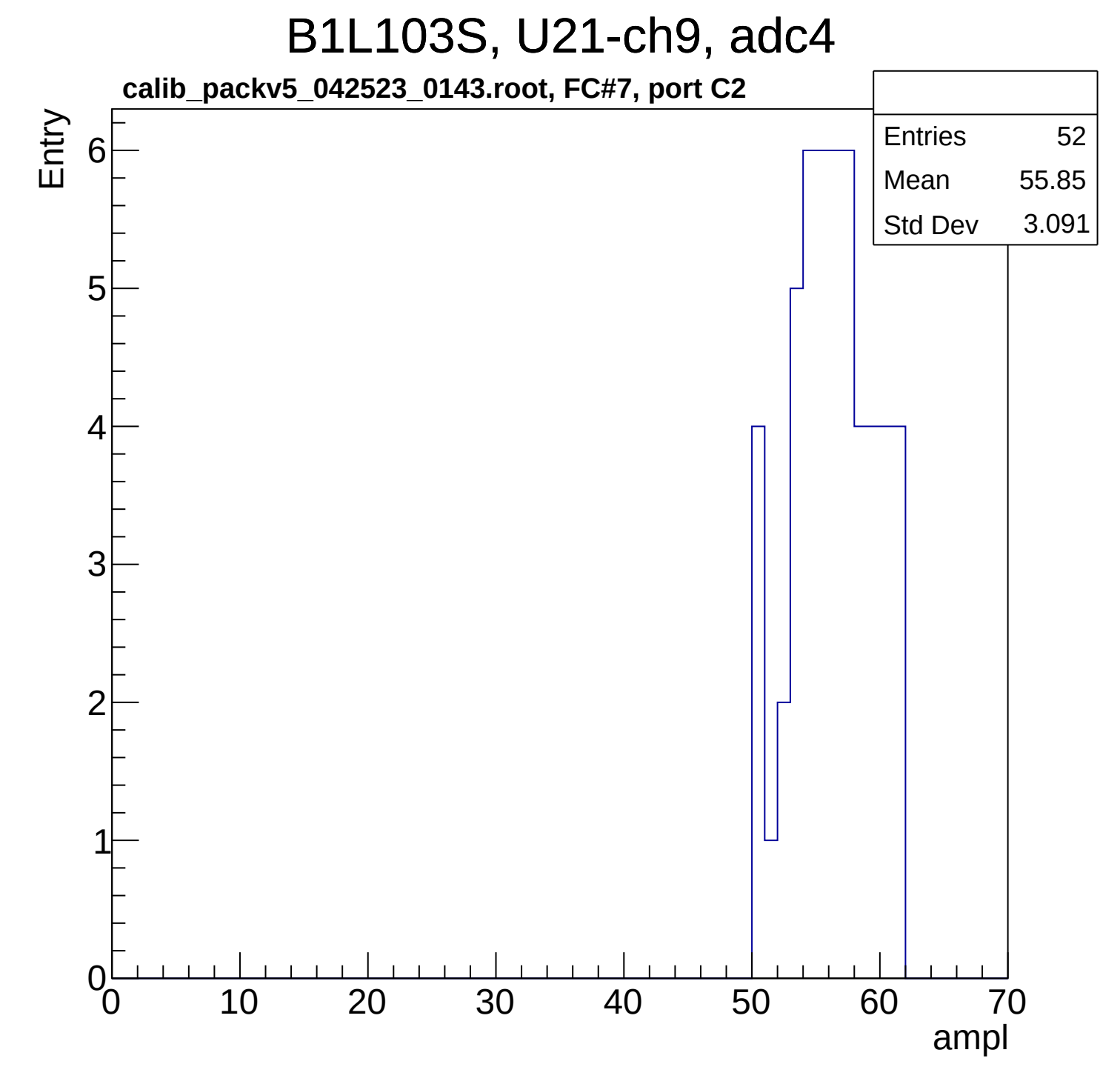
B1L103S, U21-ch9, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 52
Mean 55.85
Std Dev 3.091
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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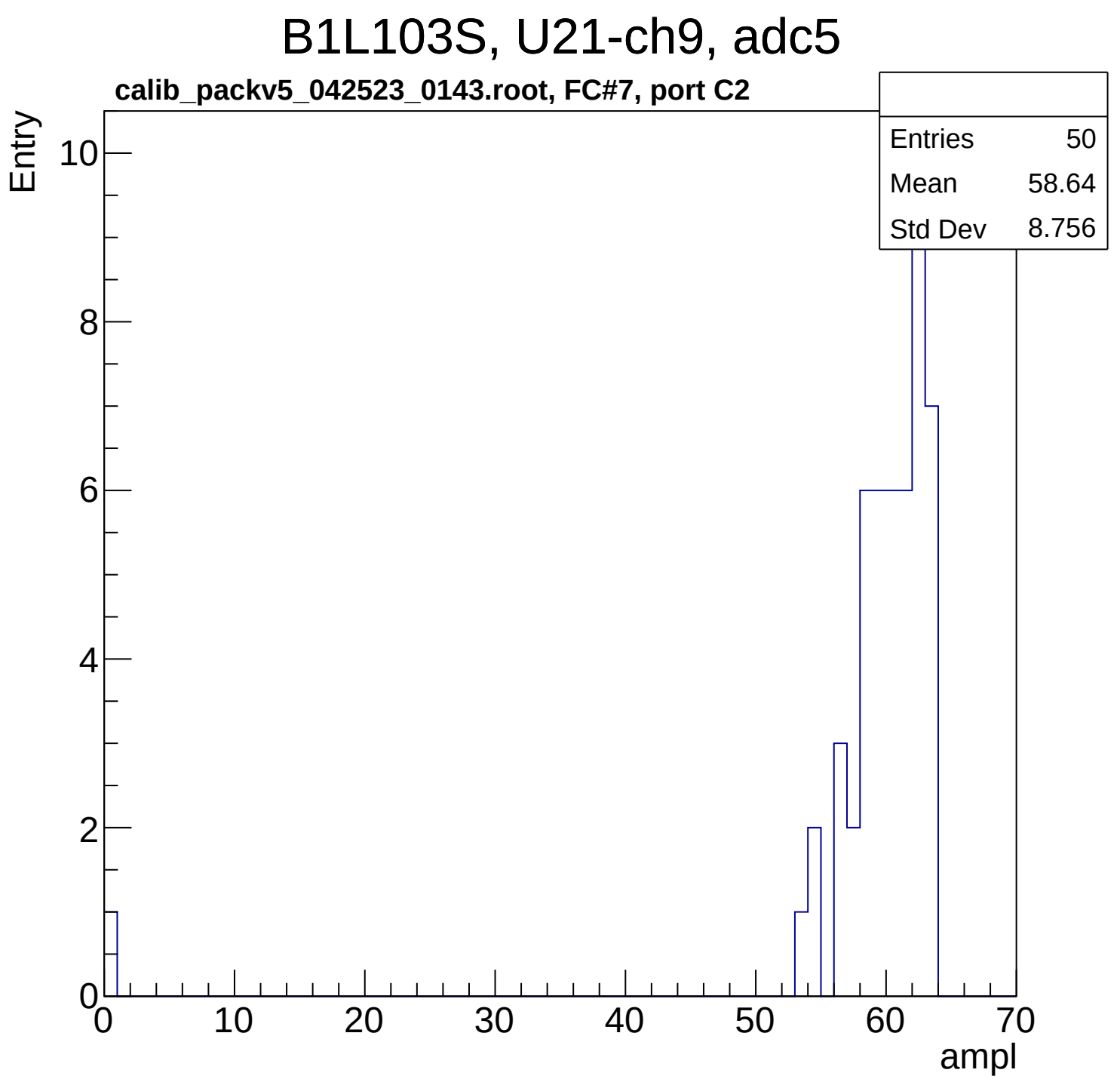
B1L103S, U21-ch9, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 50
Mean 58.64
Std Dev 8.756
Entry
0
2
4
6
8
10
0
10
20
30
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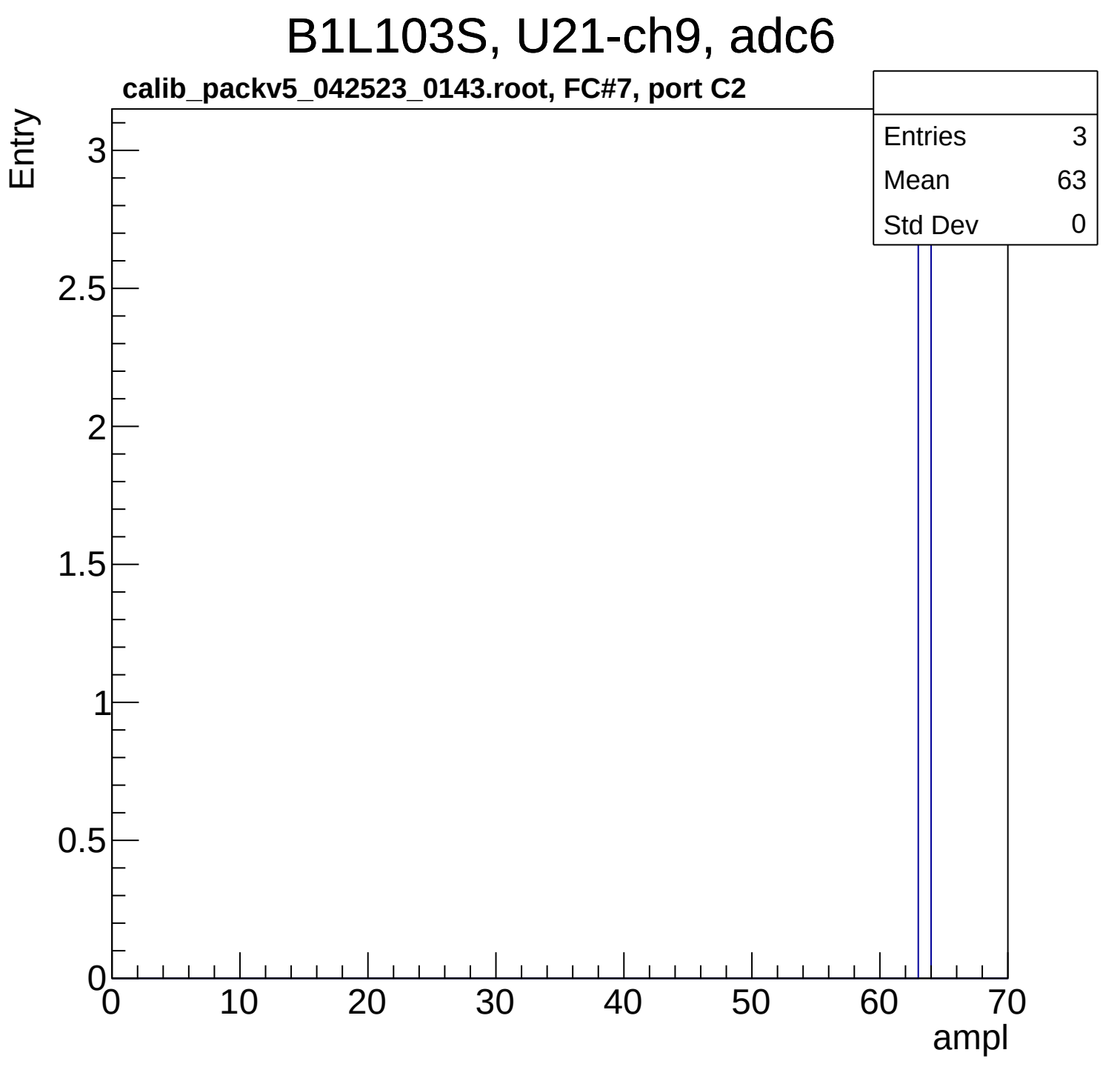
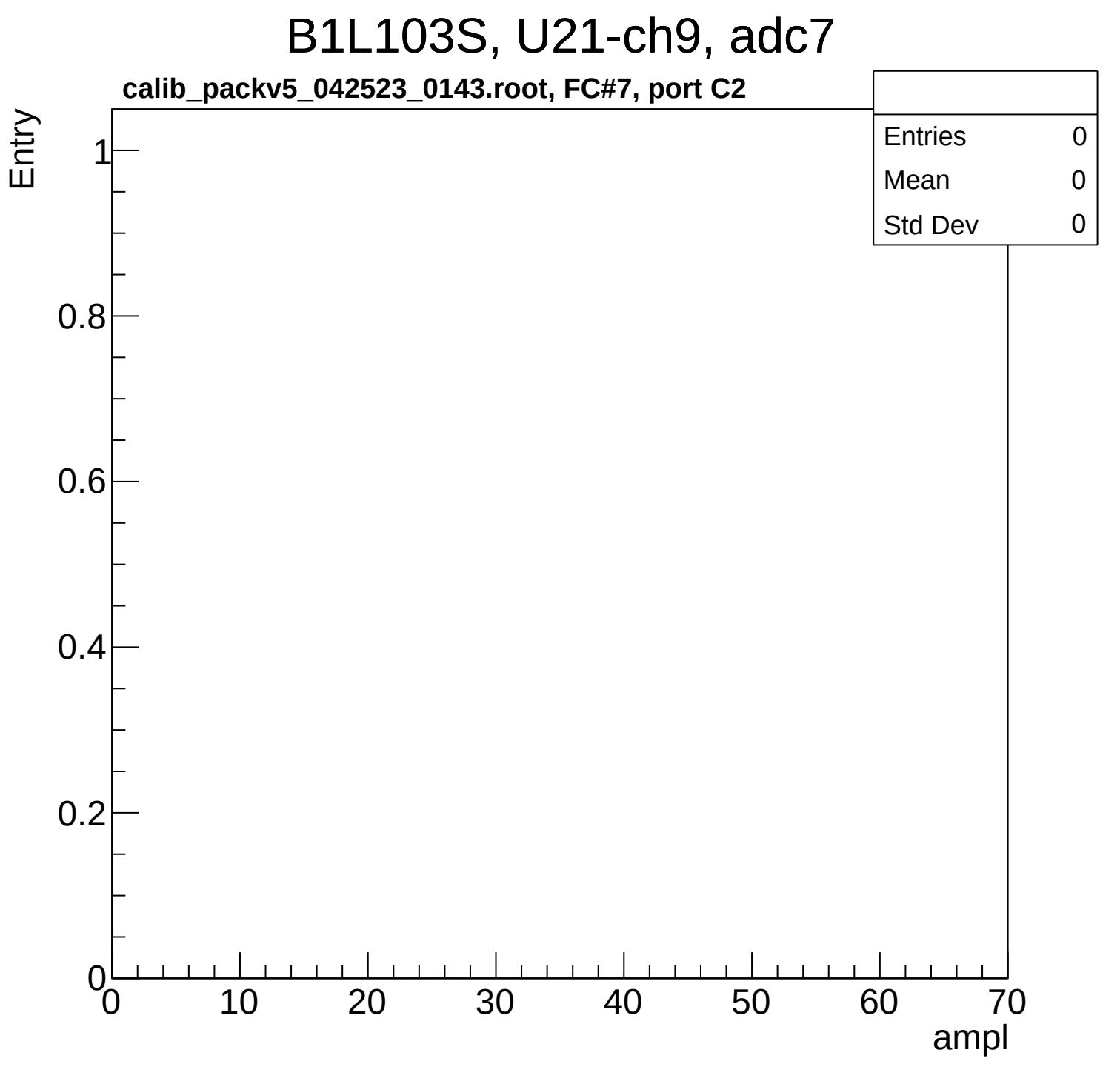
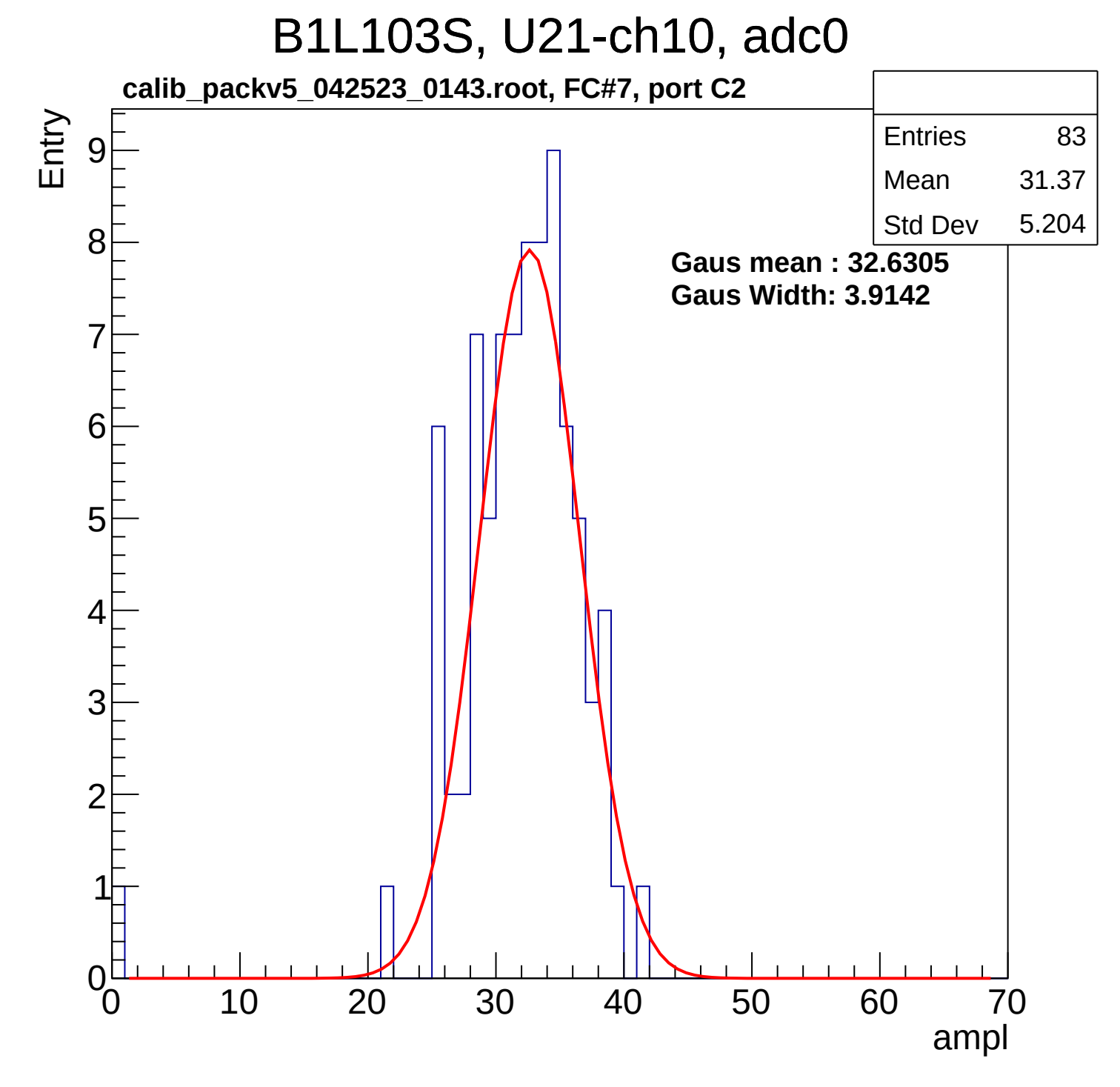
50
60
70
ampl


B1L103S, U21-ch9, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 63
Std Dev 0
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-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, U21-ch10, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 83
Mean 31.37
Std Dev 5.204
Gaus mean : 32.6305
Gaus Width: 3.9142
Entry
ampl
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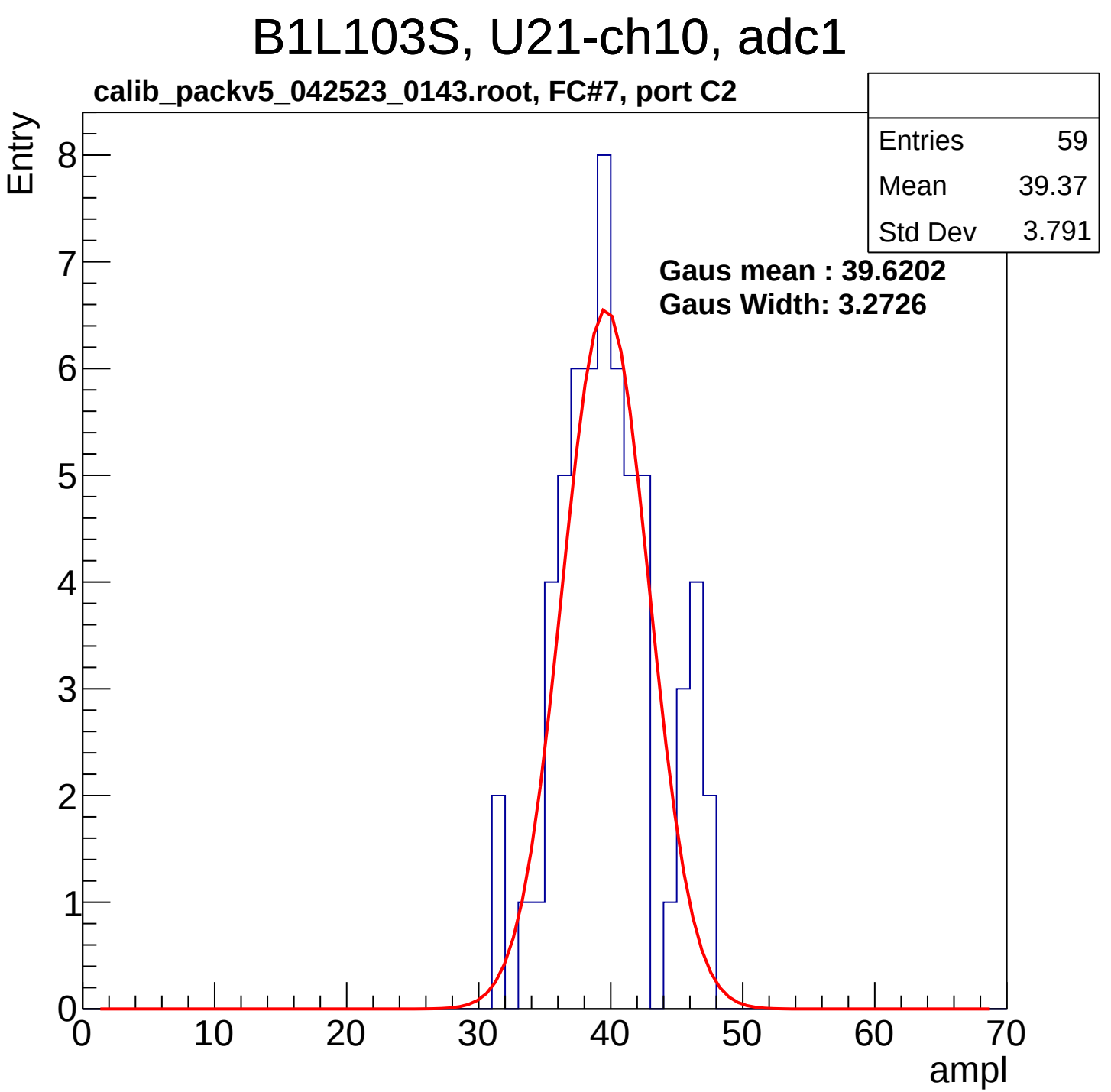
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch10, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 39.37
Std Dev 3.791
Gaus mean : 39.6202
Gaus Width: 3.2726
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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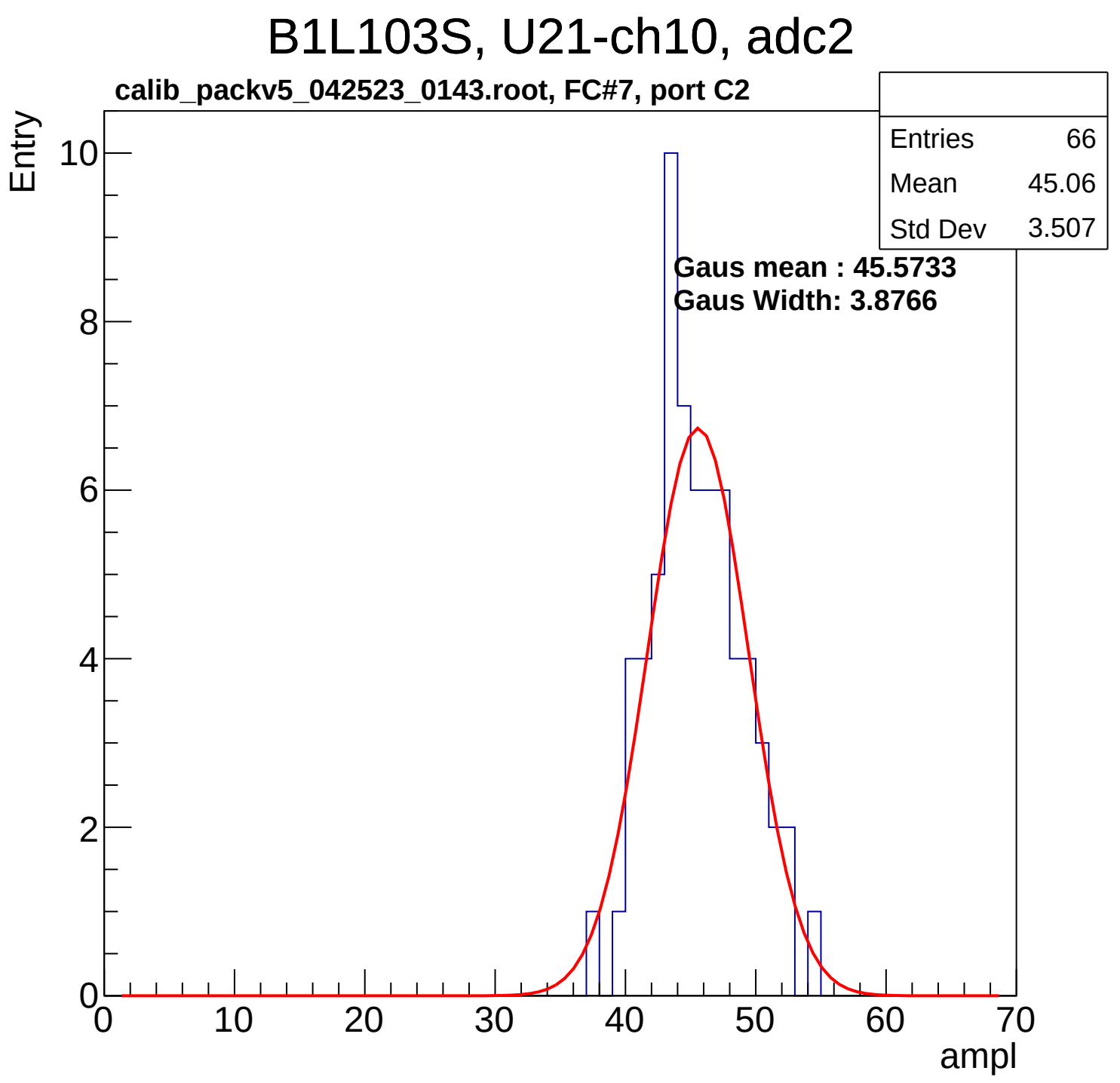
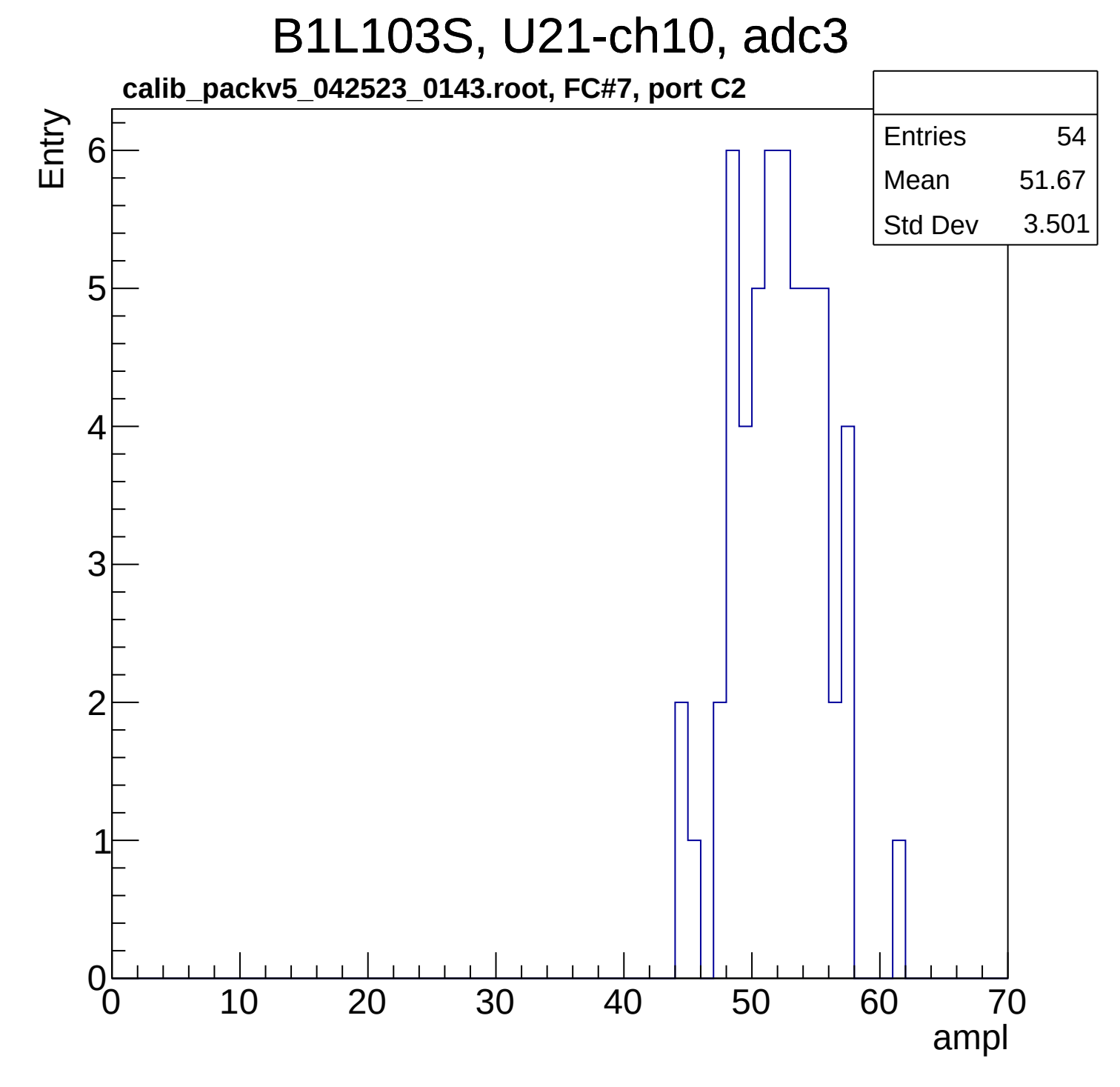

B1L103S, U21-ch10, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 45.06
Std Dev 3.507
Gaus mean : 45.5733
Gaus Width: 3.8766
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U21-ch10, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 51.67
Std Dev 3.501
Entry
ampl
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3
4
5
6
0
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20
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40
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60
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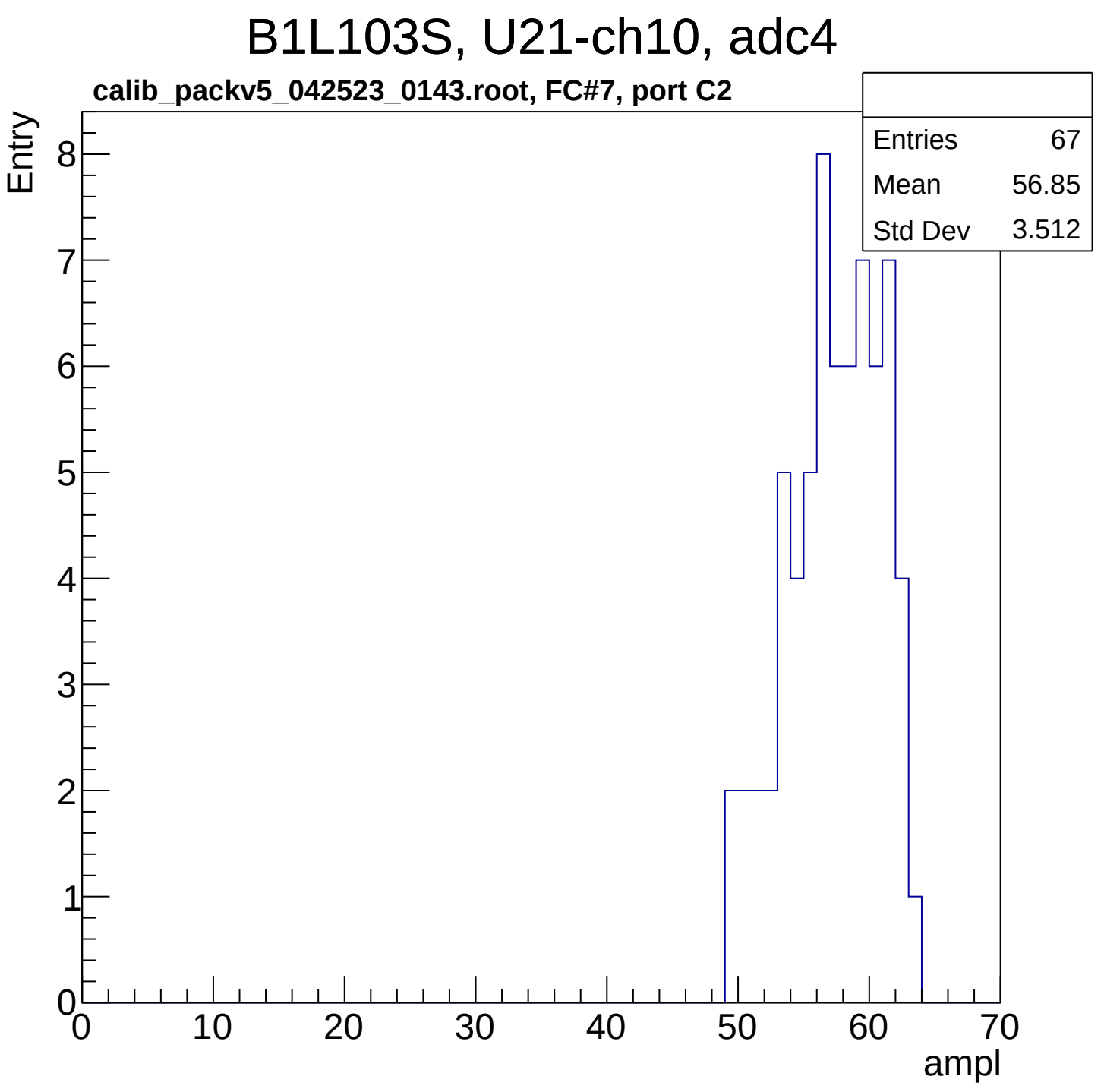
B1L103S, U21-ch10, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 56.85
Std Dev 3.512
Entry
ampl
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1
2
3
4
5
6
7
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0
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20
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40
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60
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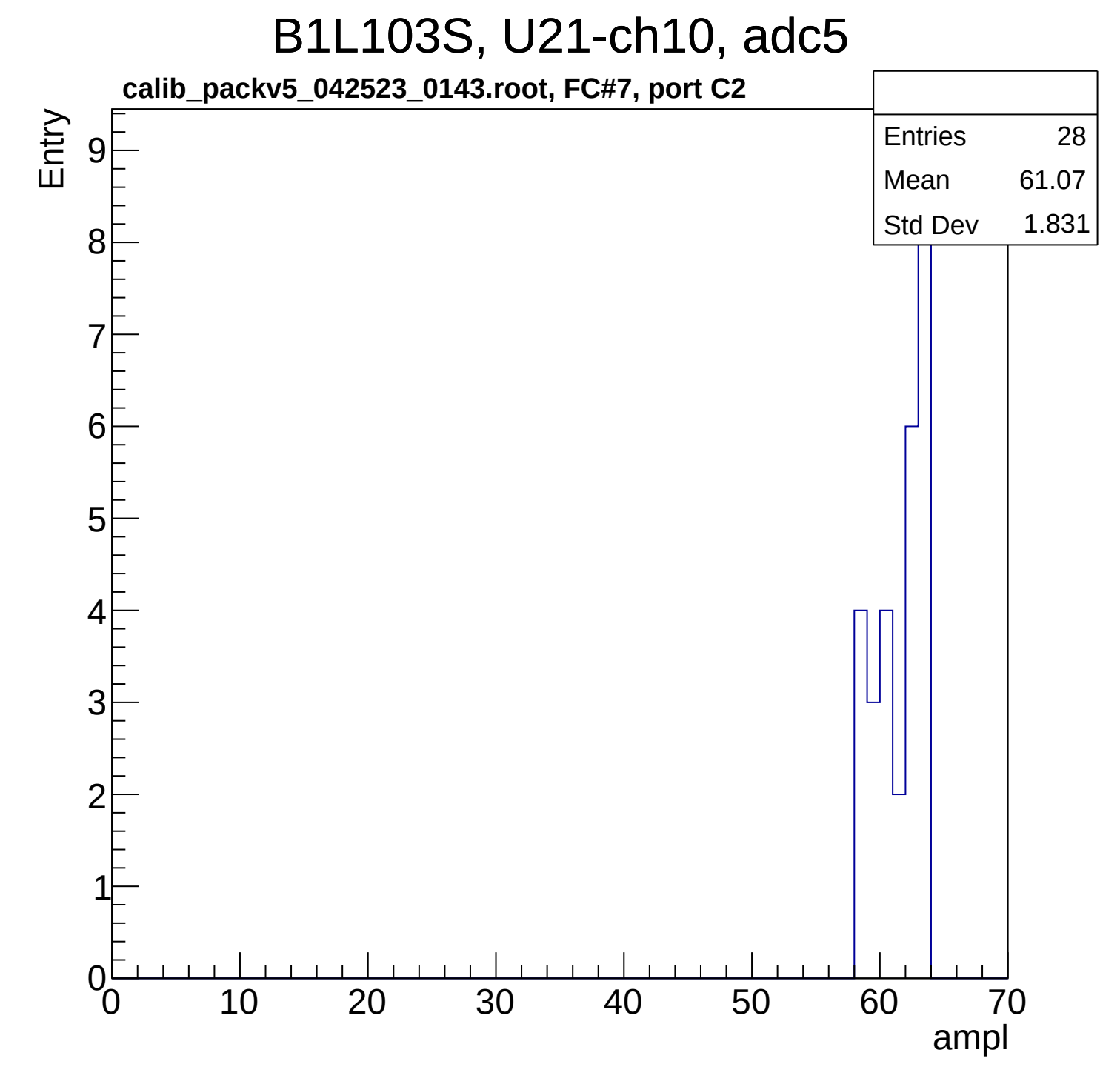
B1L103S, U21-ch10, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 28
Mean 61.07
Std Dev 1.831
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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60
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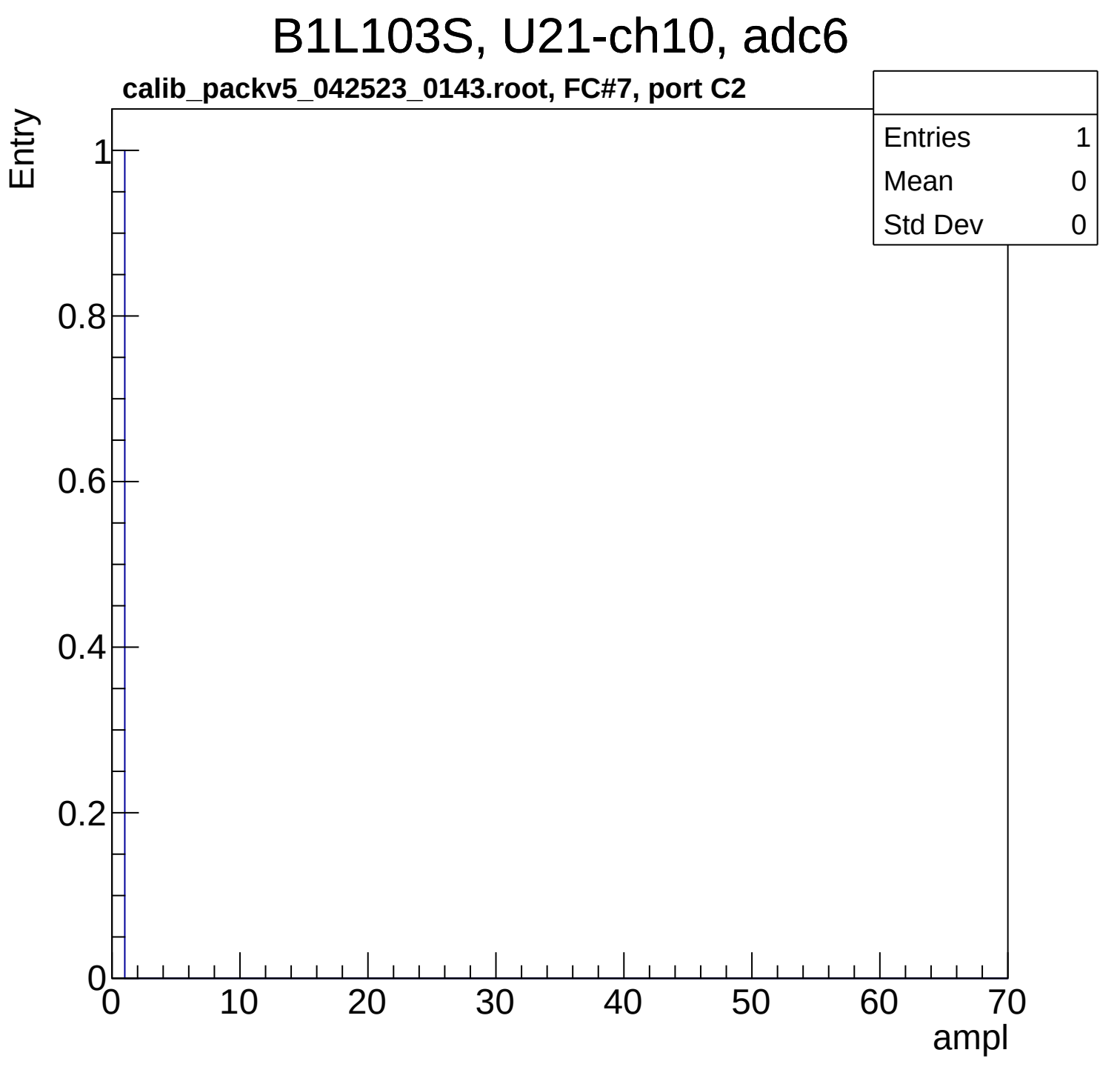
B1L103S, U21-ch10, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
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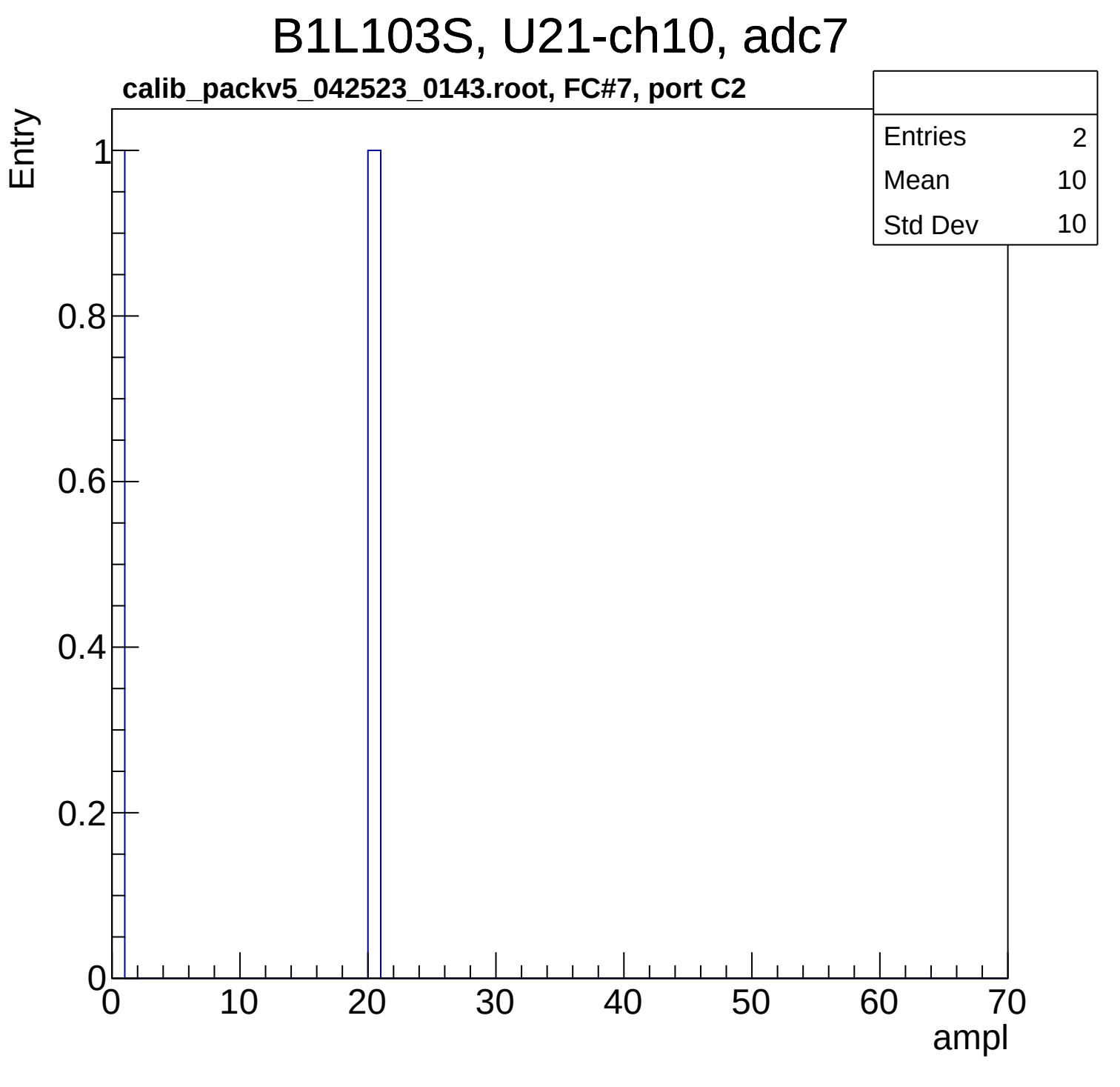
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch10, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 10
Std Dev 10
Entry
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0.6
0.4
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0
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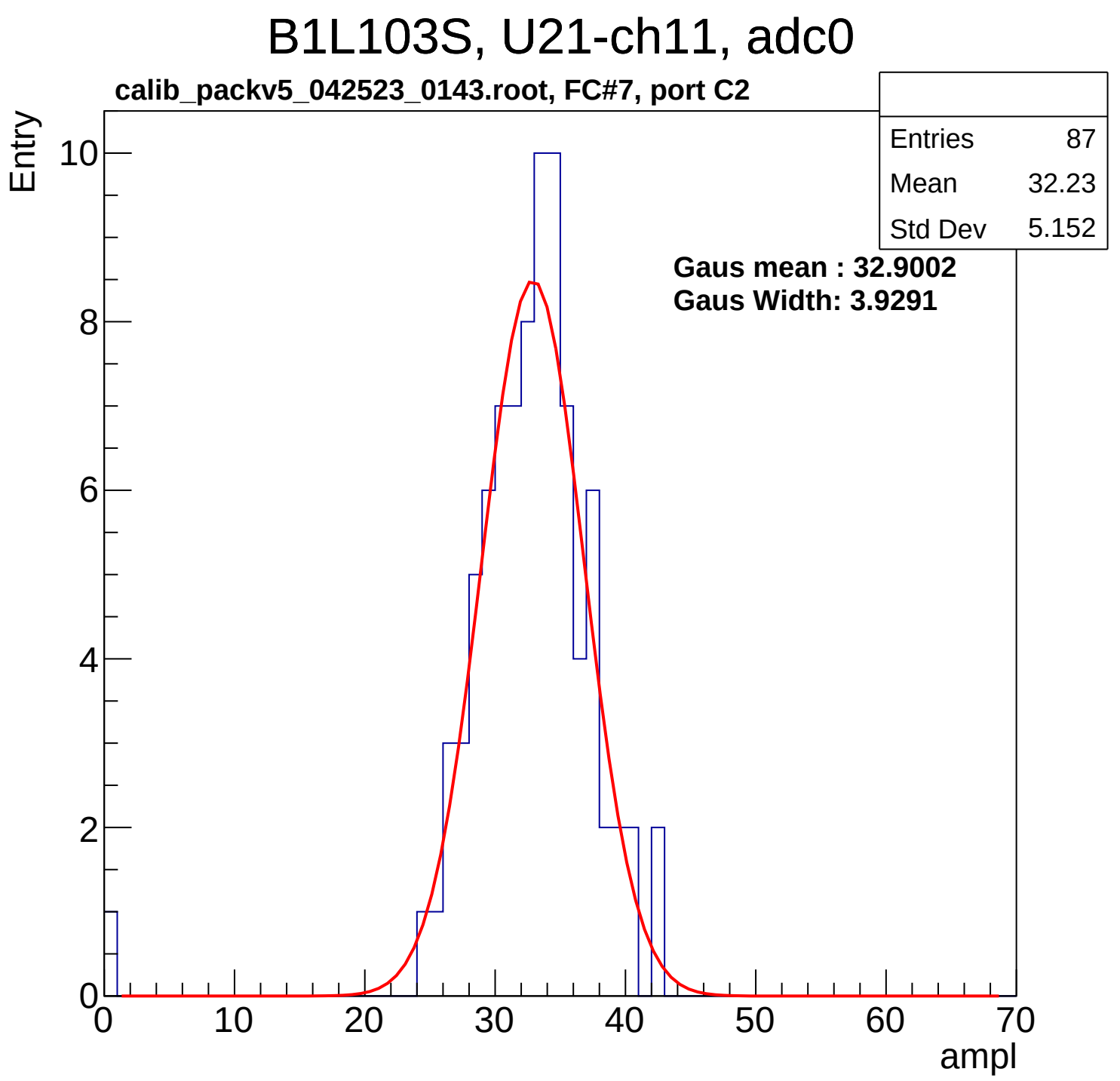
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch11, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 87
Mean 32.23
Std Dev 5.152
Gaus mean : 32.9002
Gaus Width: 3.9291
Entry
ampl
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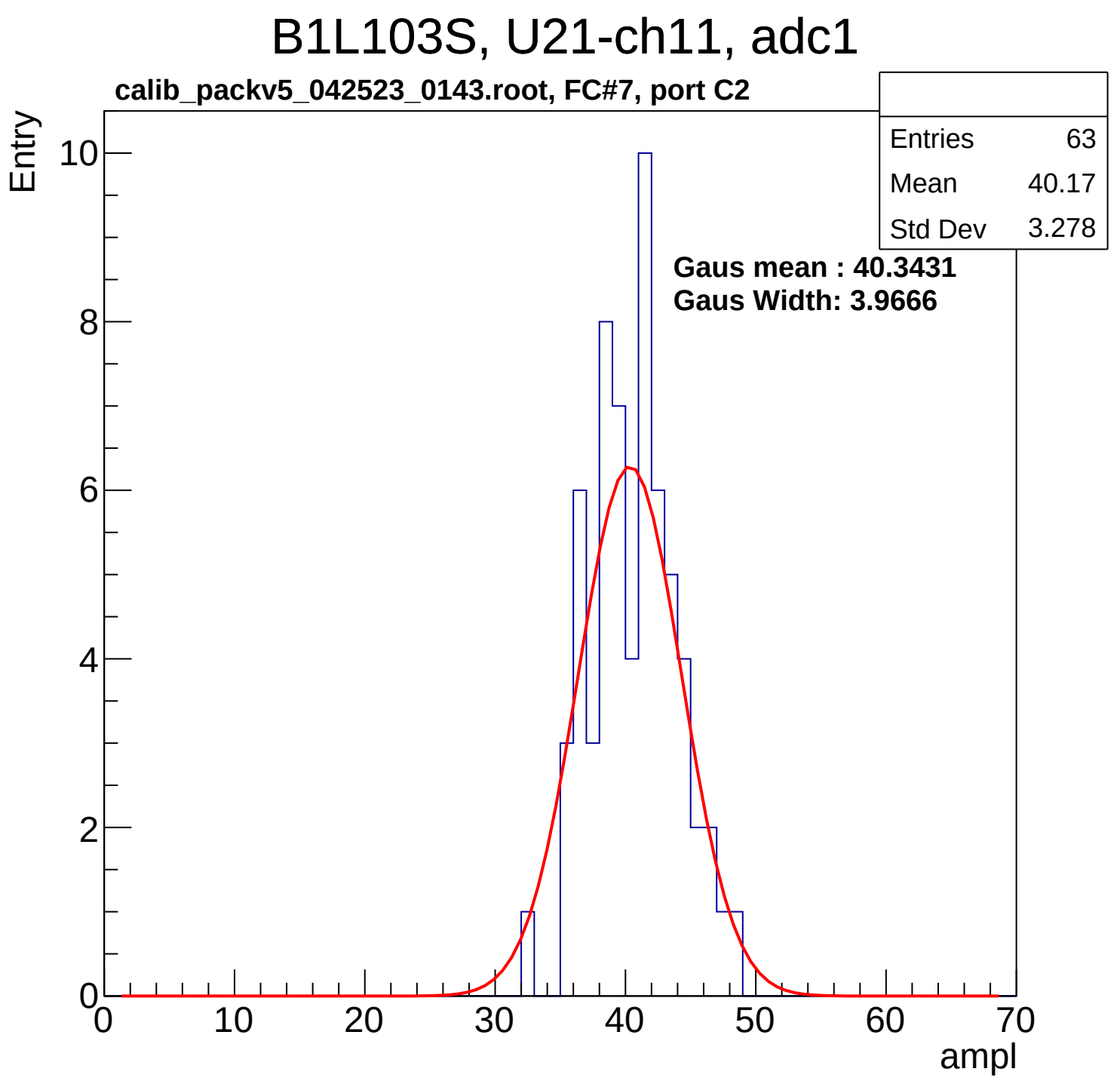
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U21-ch11, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 40.17
Std Dev 3.278
Gaus mean : 40.3431
Gaus Width: 3.9666
Entry
ampl
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2
4
6
8
10
0
10
20
30
40
50
60
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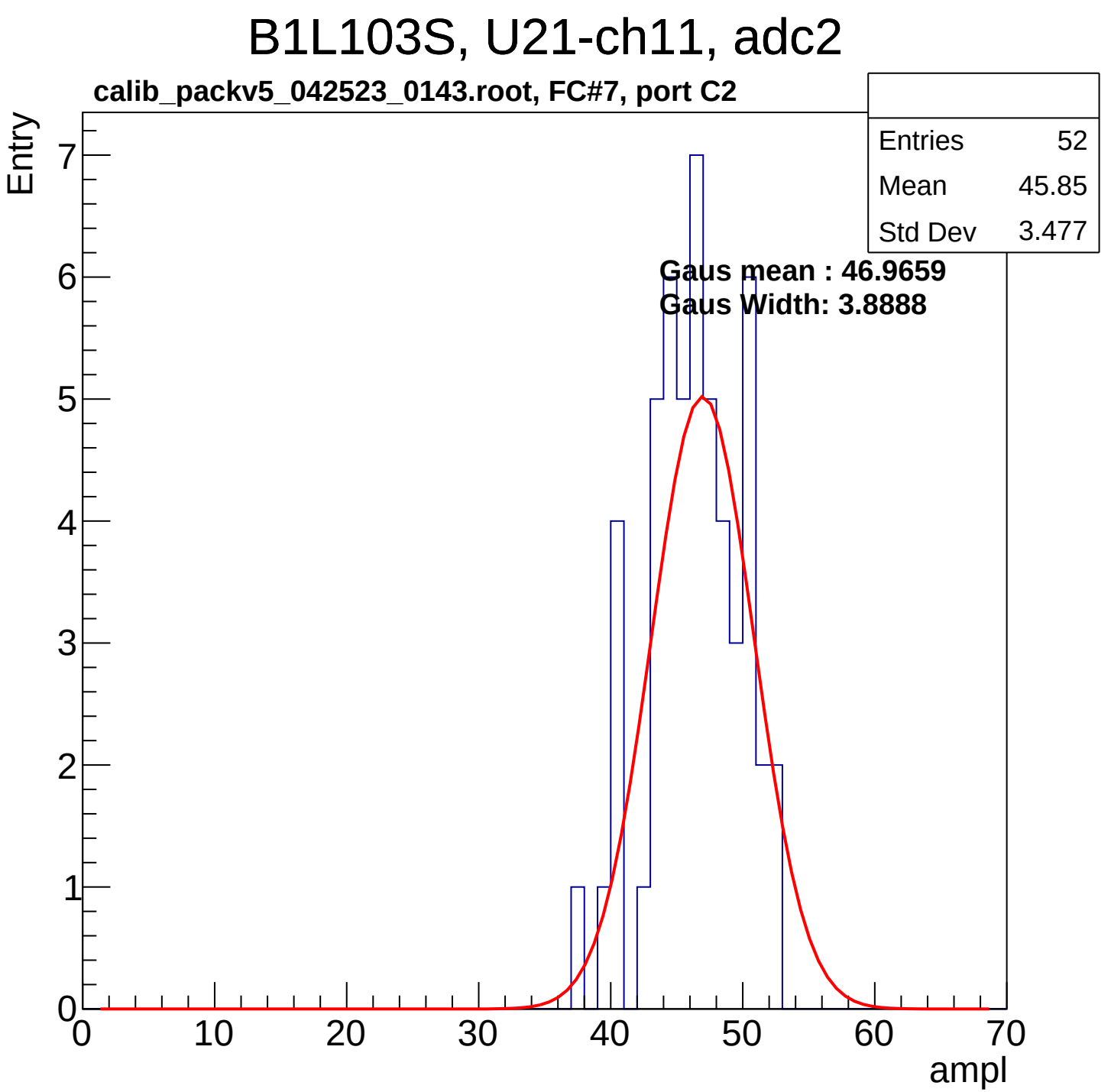
B1L103S, U21-ch11, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 52
Mean 45.85
Std Dev 3.477
Gaus mean : 46.9659
Gaus Width: 3.8888
Entry
ampl
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1
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3
4
5
6
7
0
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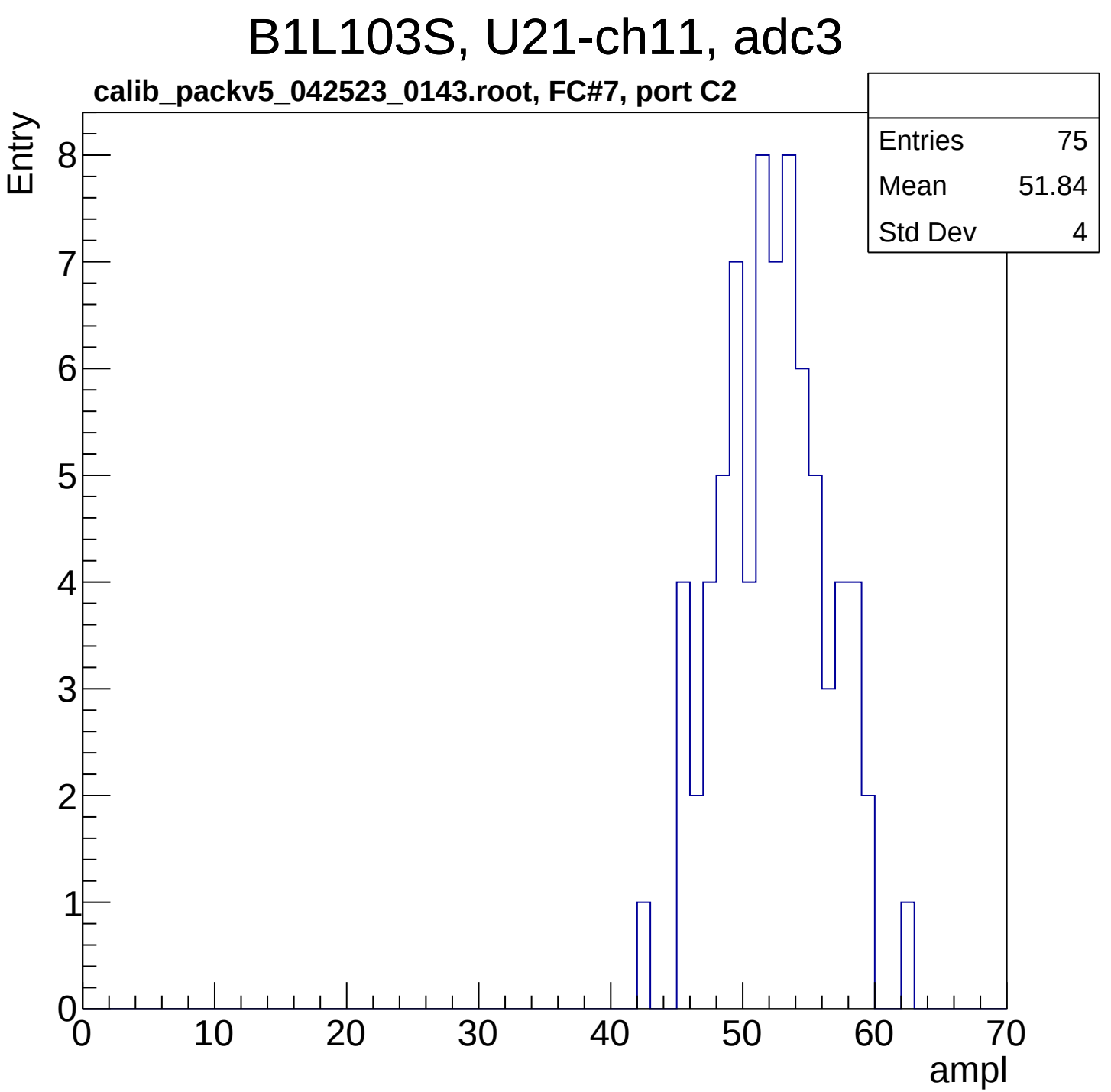
B1L103S, U21-ch11, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 75
Mean 51.84
Std Dev 4
Entry
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2
3
4
5
6
7
8
0
10
20
30
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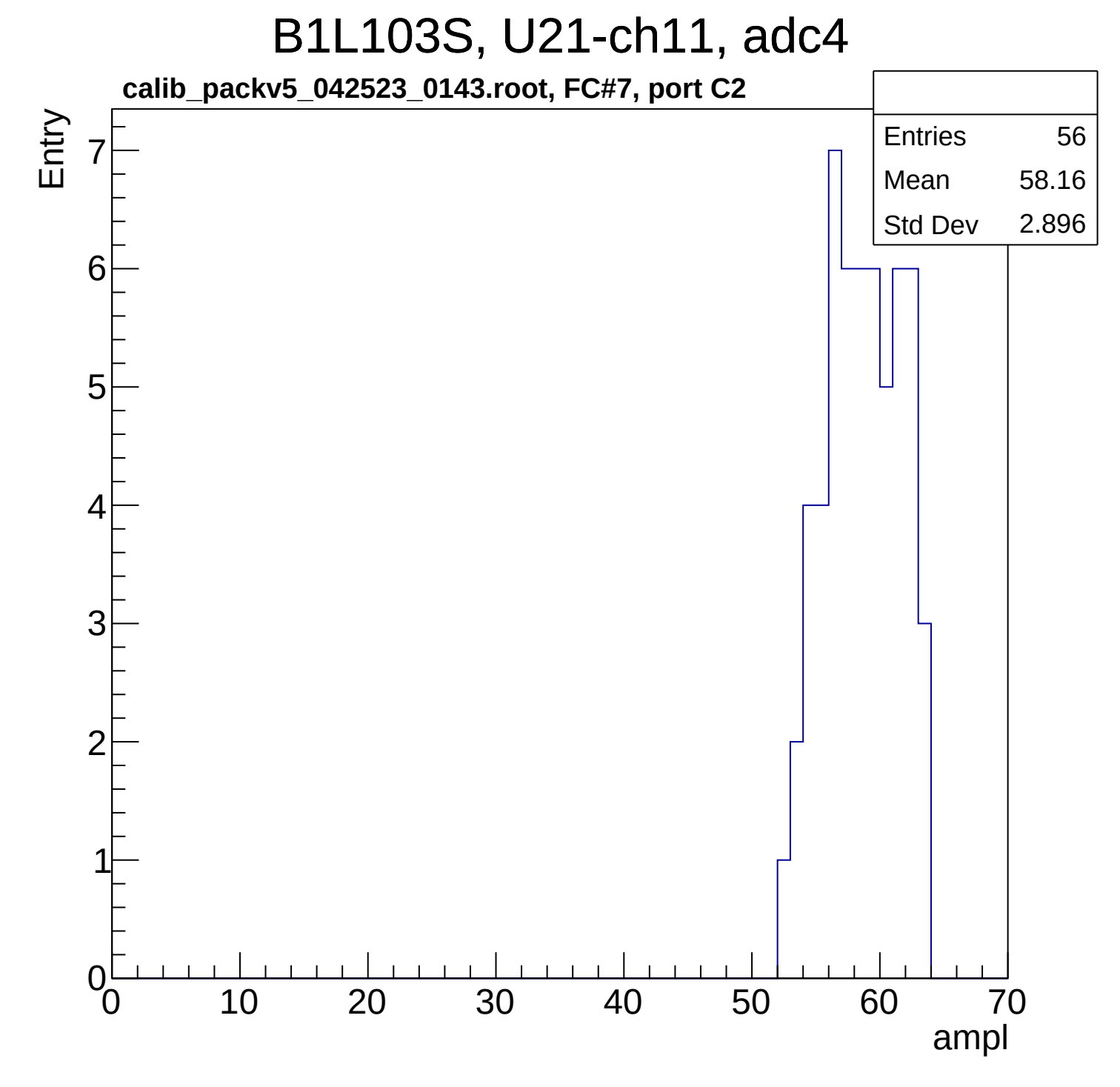
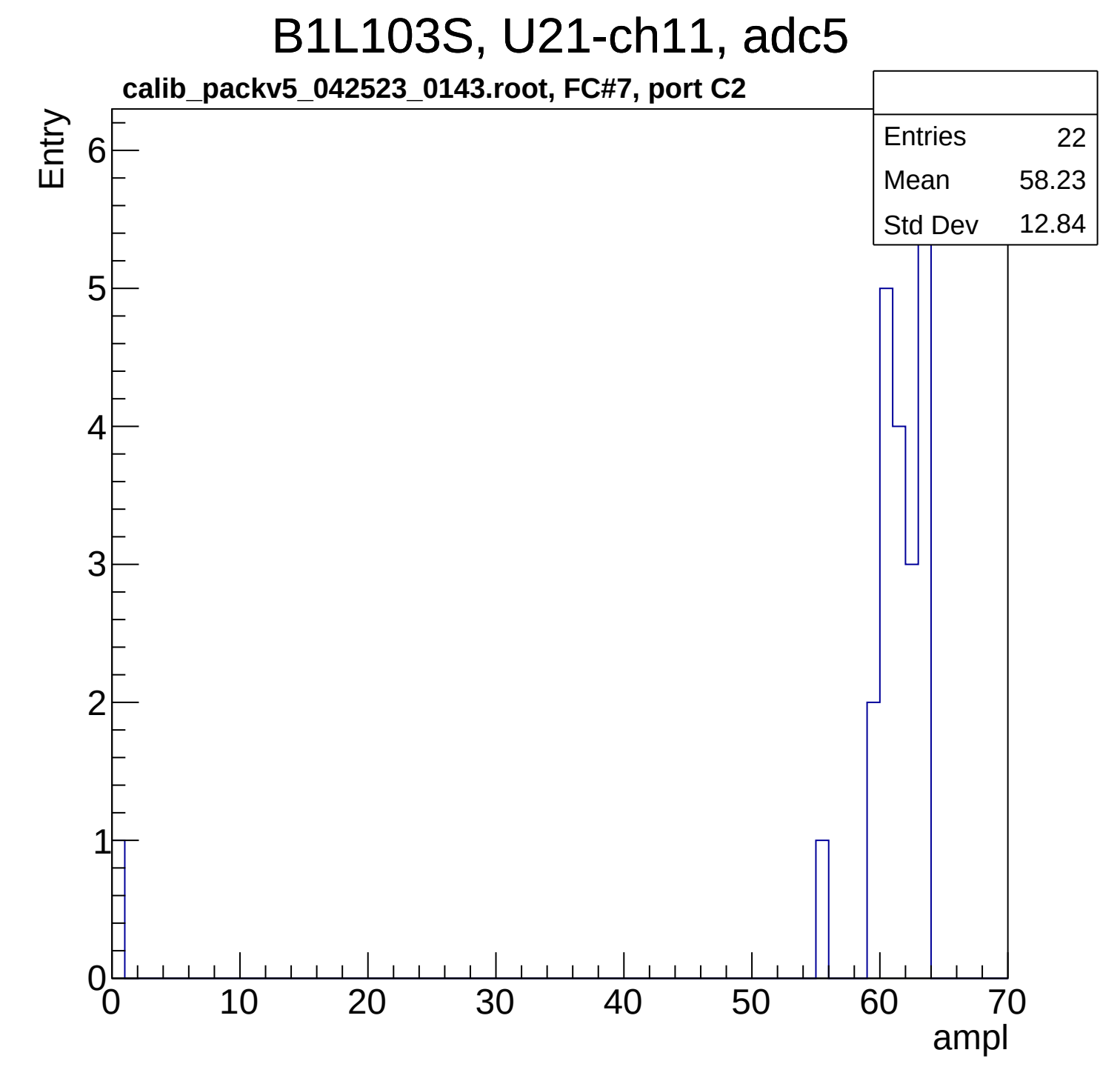
50
60
70
ampl


B1L103S, U21-ch11, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 58.16
Std Dev 2.896
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch11, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 22
Mean 58.23
Std Dev 12.84
Entry
ampl
0
1
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3
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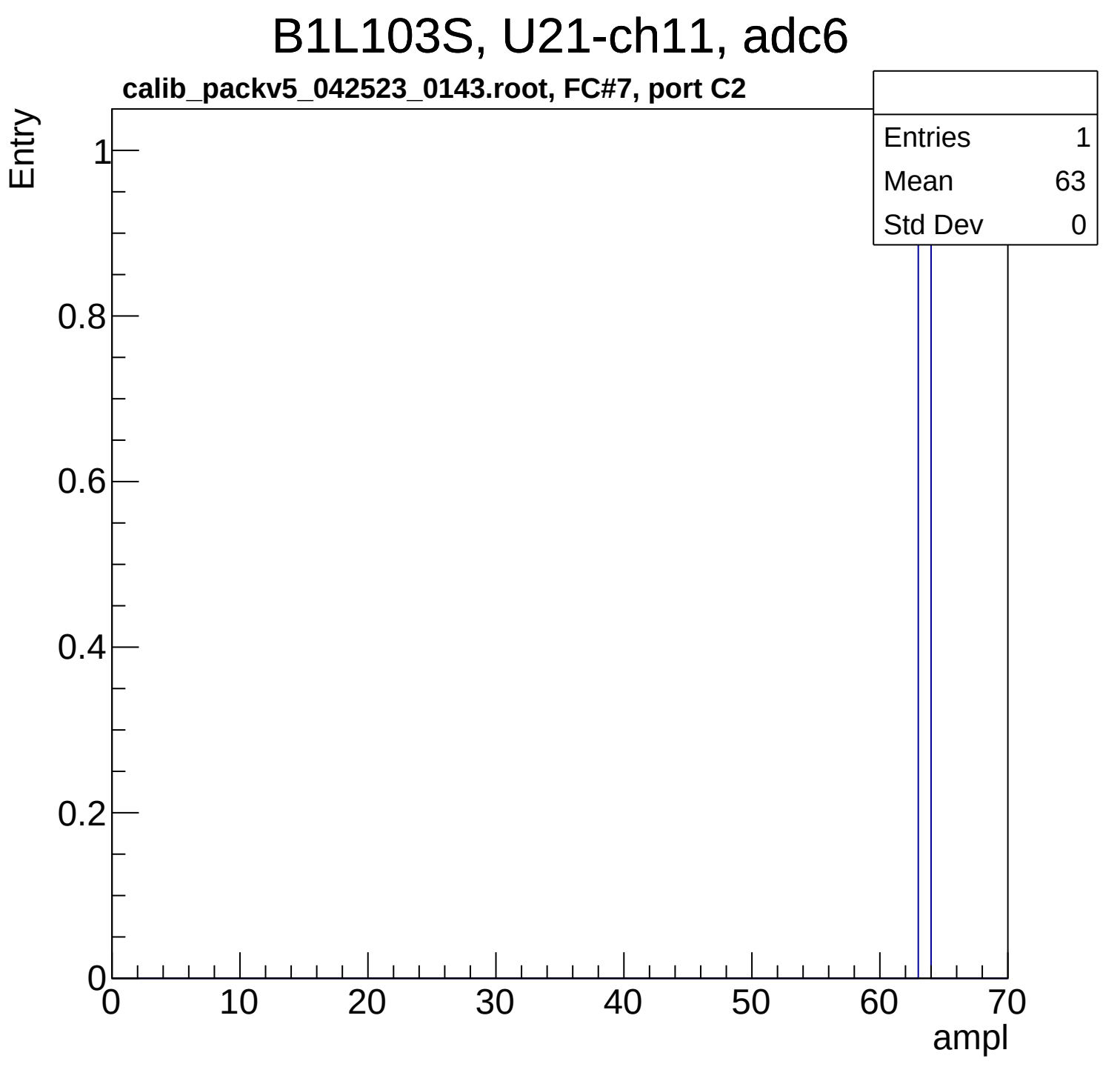
B1L103S, U21-ch11, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 63
Std Dev 0
Entry
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0.8
0.6
0.4
0.2
0
0
10
20
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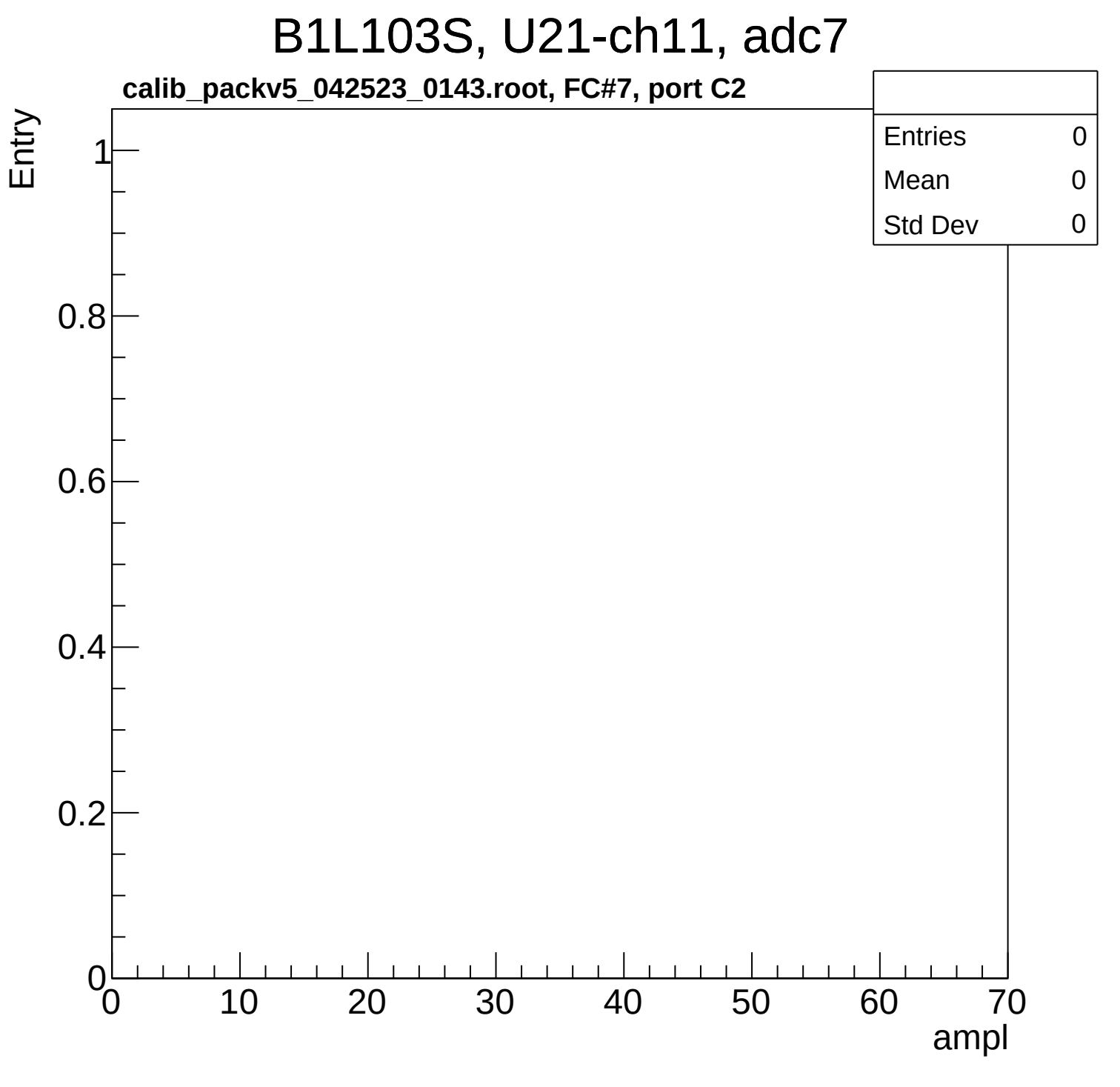
40
50
60
70
ampl


B1L103S, U21-ch11, 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
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10
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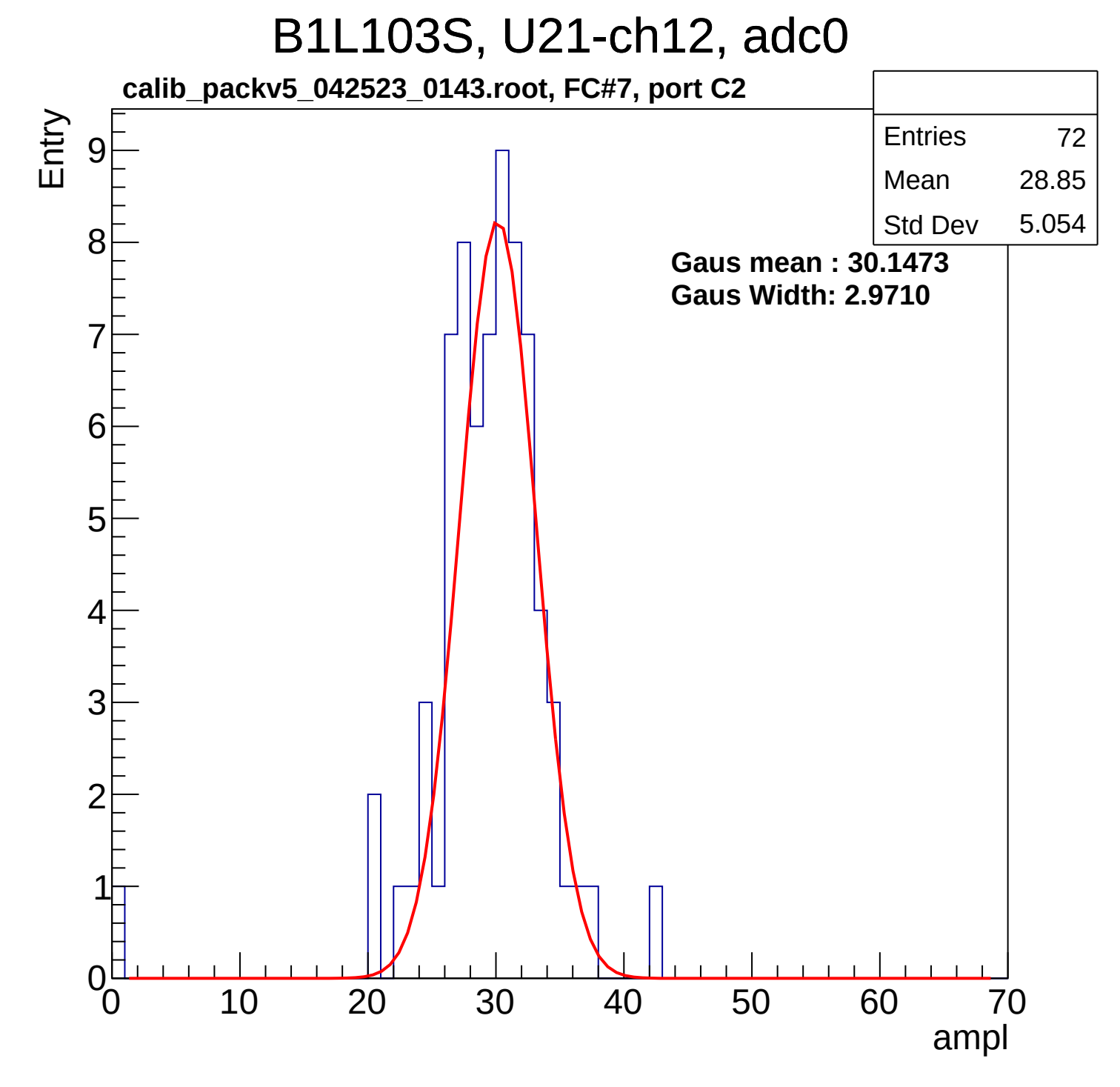
50
60
70
ampl


B1L103S, U21-ch12, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 28.85
Std Dev 5.054
Gaus mean : 30.1473
Gaus Width: 2.9710
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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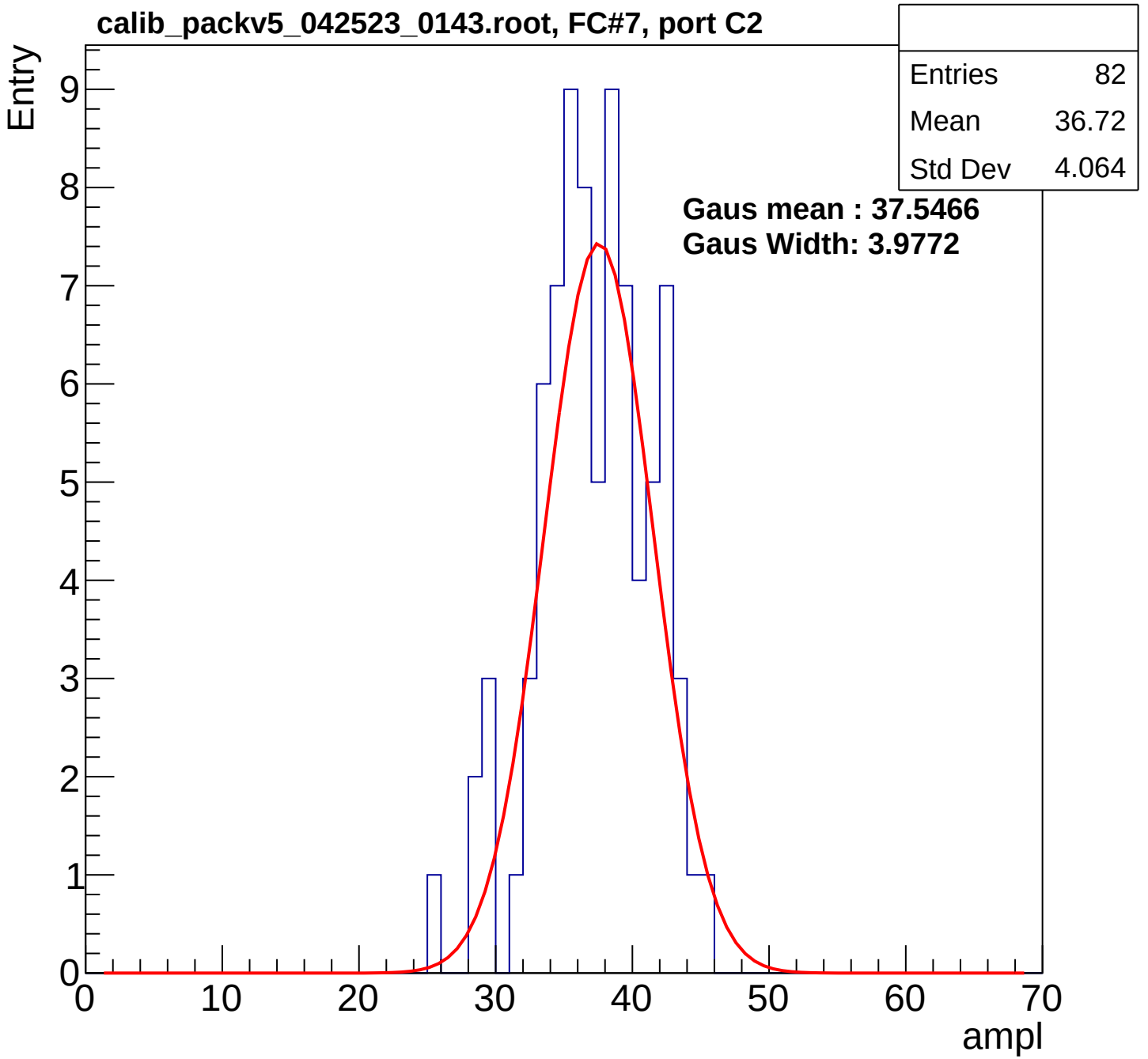
B1L103S, U21-ch12, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 82
Mean 36.72
Std Dev 4.064
Gaus mean : 37.5466
Gaus Width: 3.9772
Entry
ampl
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2
3
4
5
6
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0
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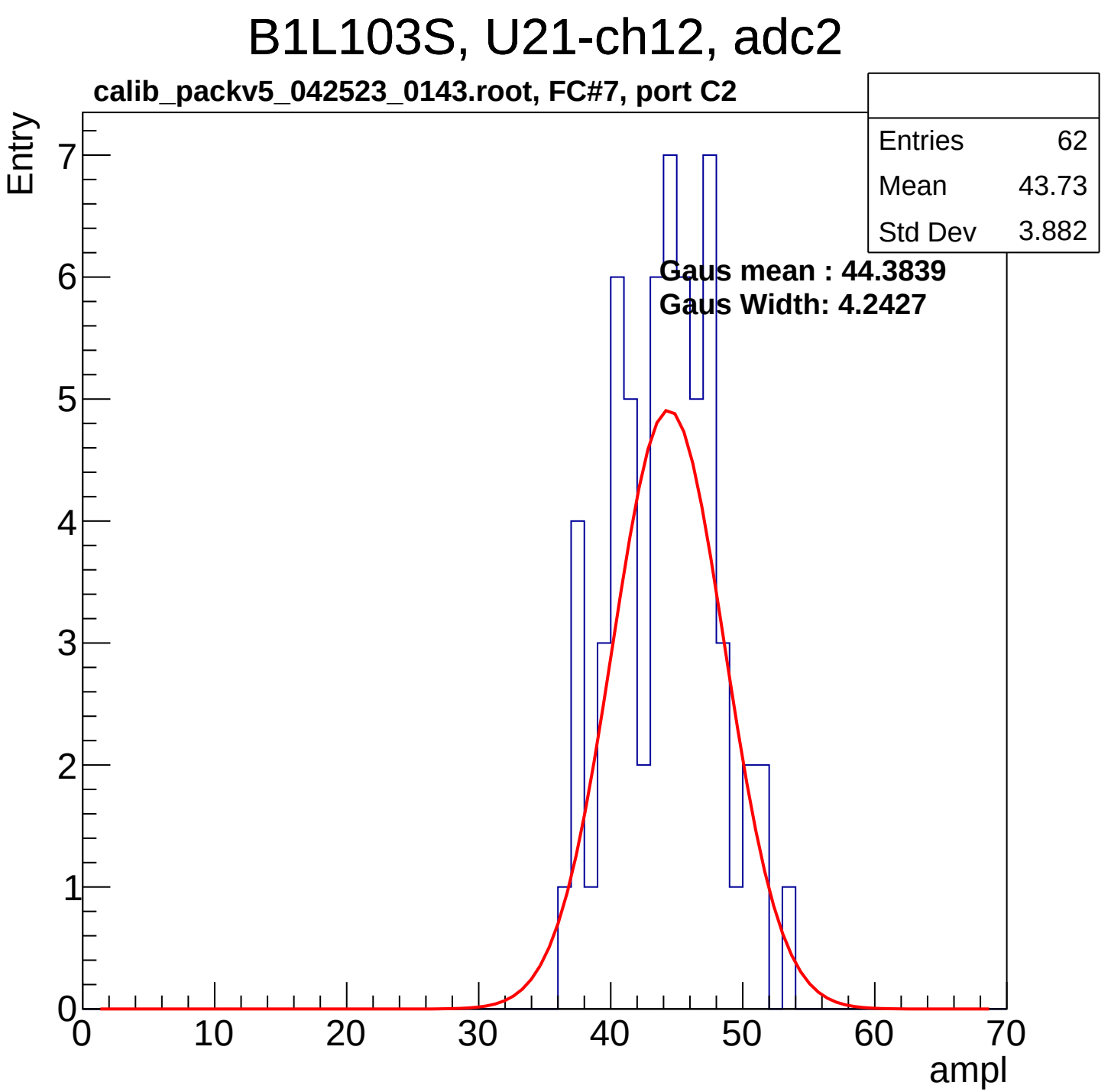
B1L103S, U21-ch12, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 43.73
Std Dev 3.882
Gaus mean : 44.3839
Gaus Width: 4.2427
Entry
ampl
0
1
2
3
4
5
6
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0
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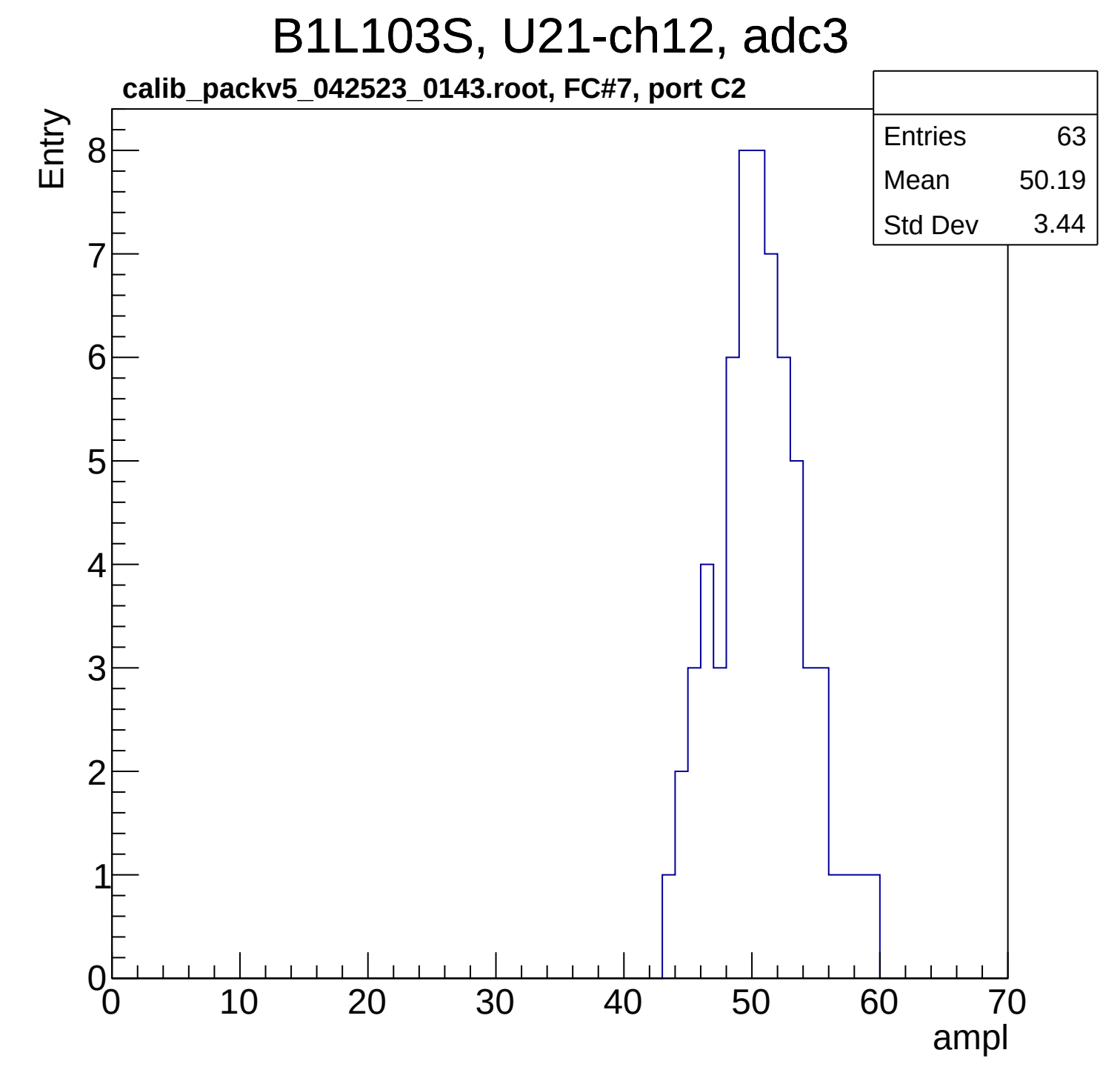
B1L103S, U21-ch12, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 50.19
Std Dev 3.44
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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40
50
60
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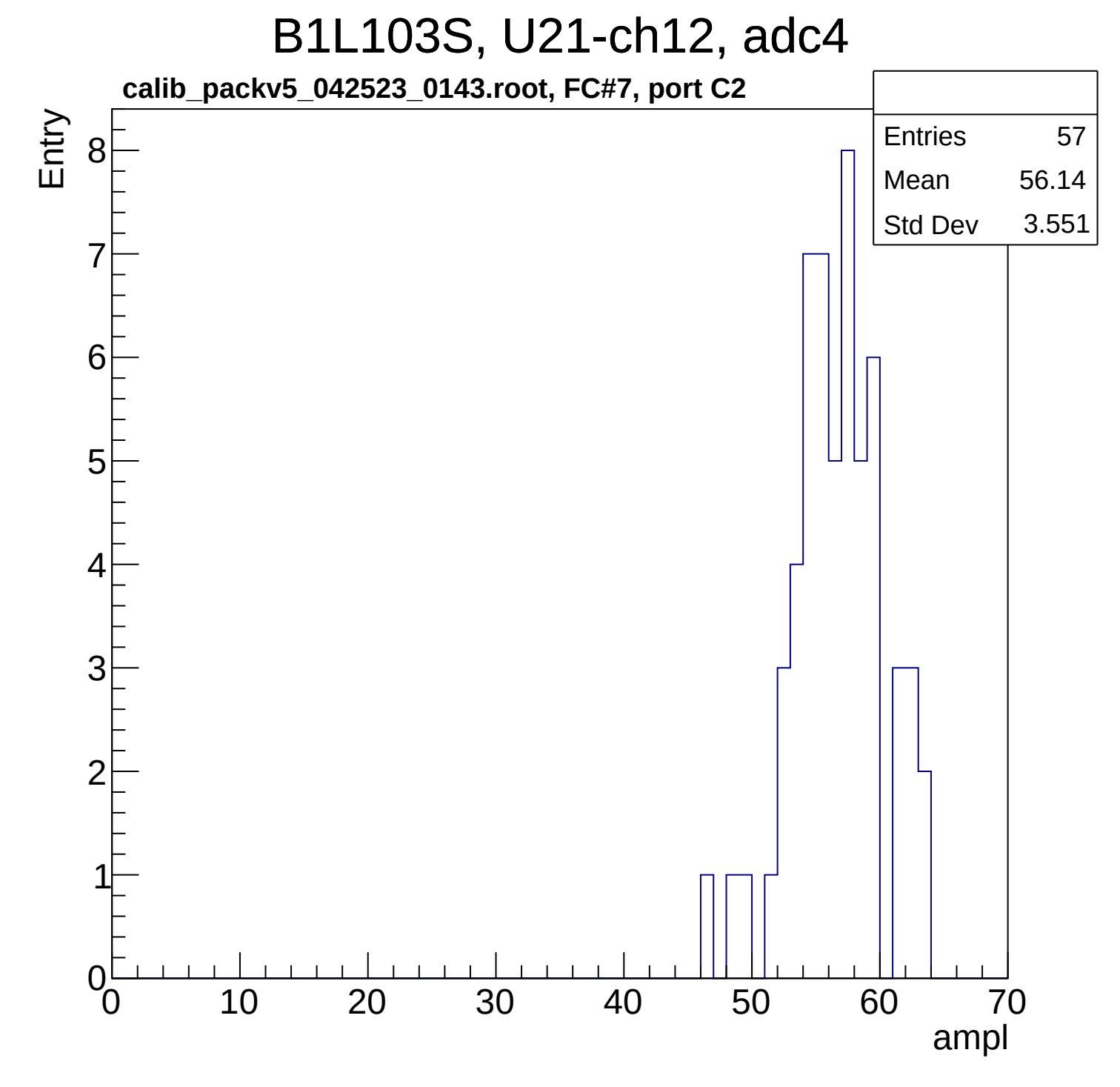
B1L103S, U21-ch12, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 56.14
Std Dev 3.551
Entry
ampl
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1
2
3
4
5
6
7
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0
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60
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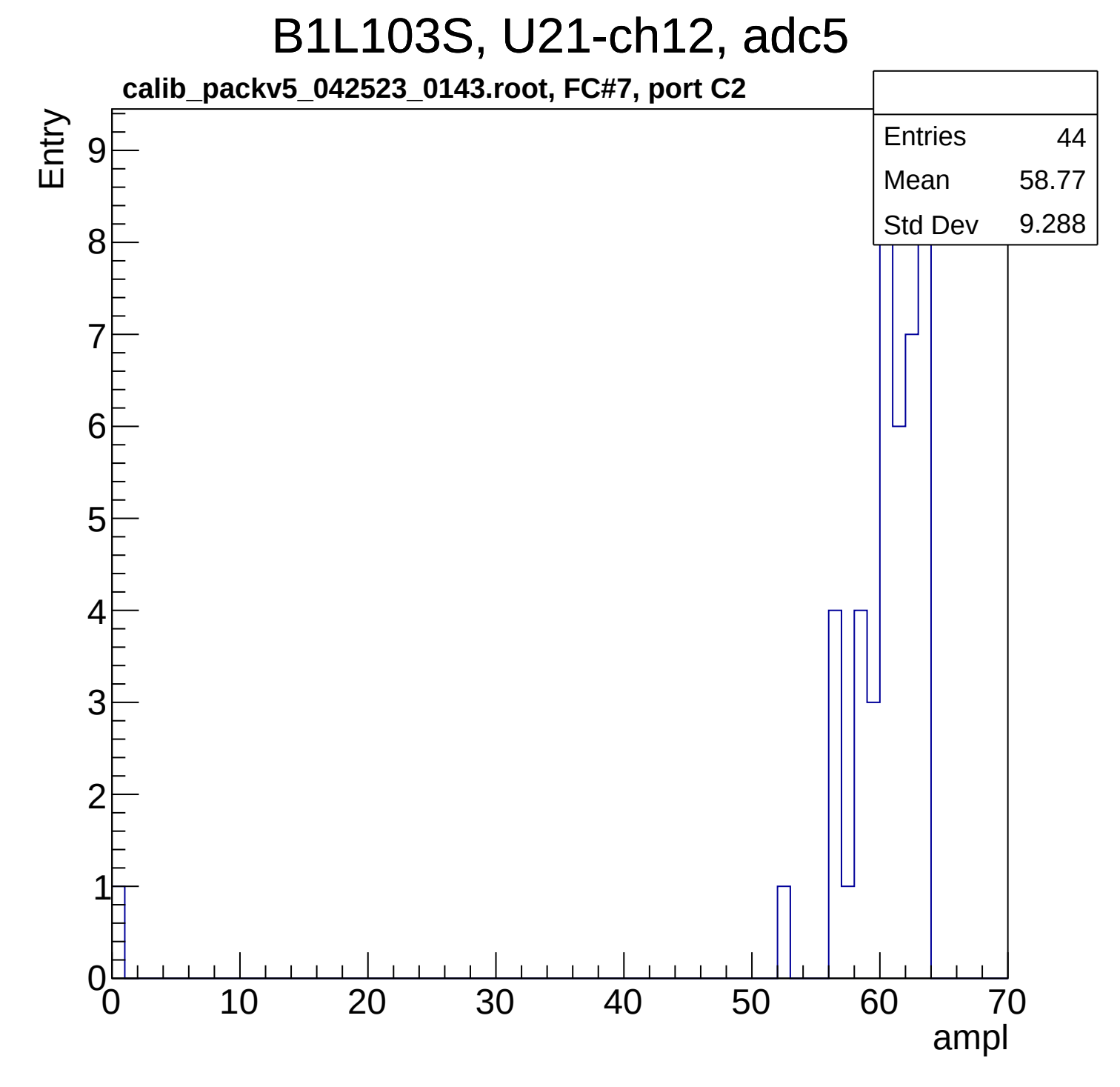
B1L103S, U21-ch12, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 44
Mean 58.77
Std Dev 9.288
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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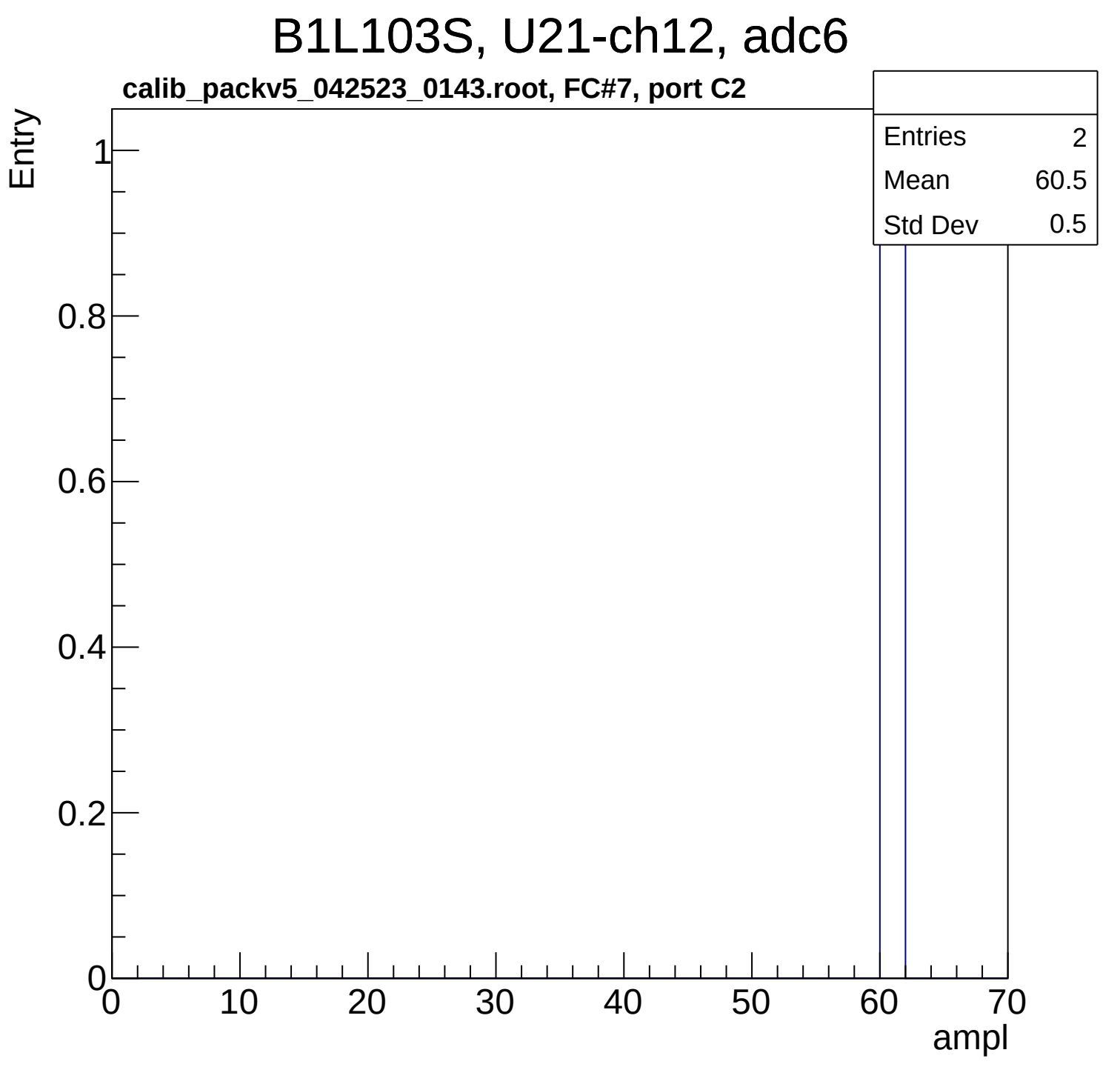
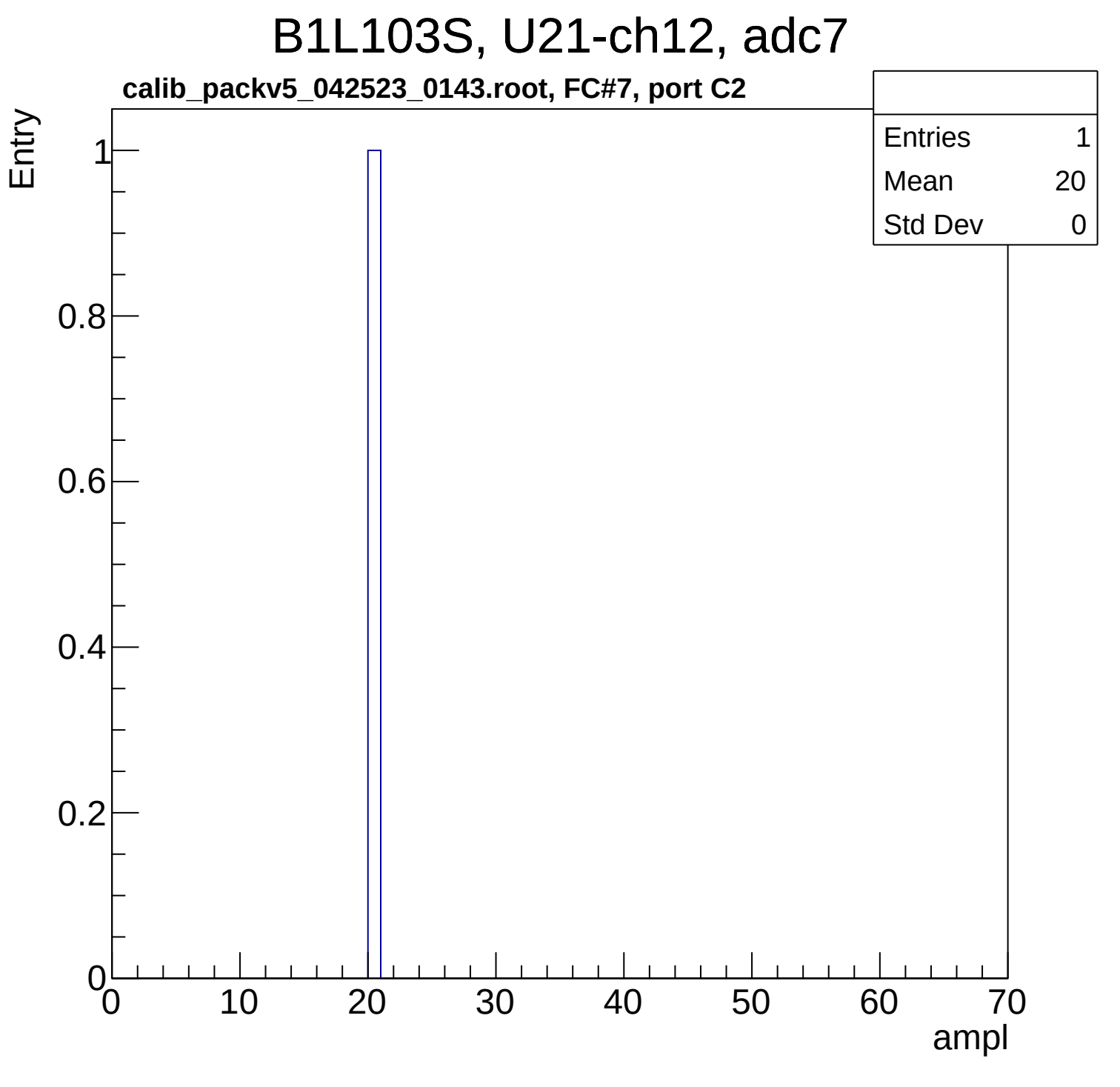

B1L103S, U21-ch12, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 60.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch12, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 20
Std Dev 0
Entry
ampl
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0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
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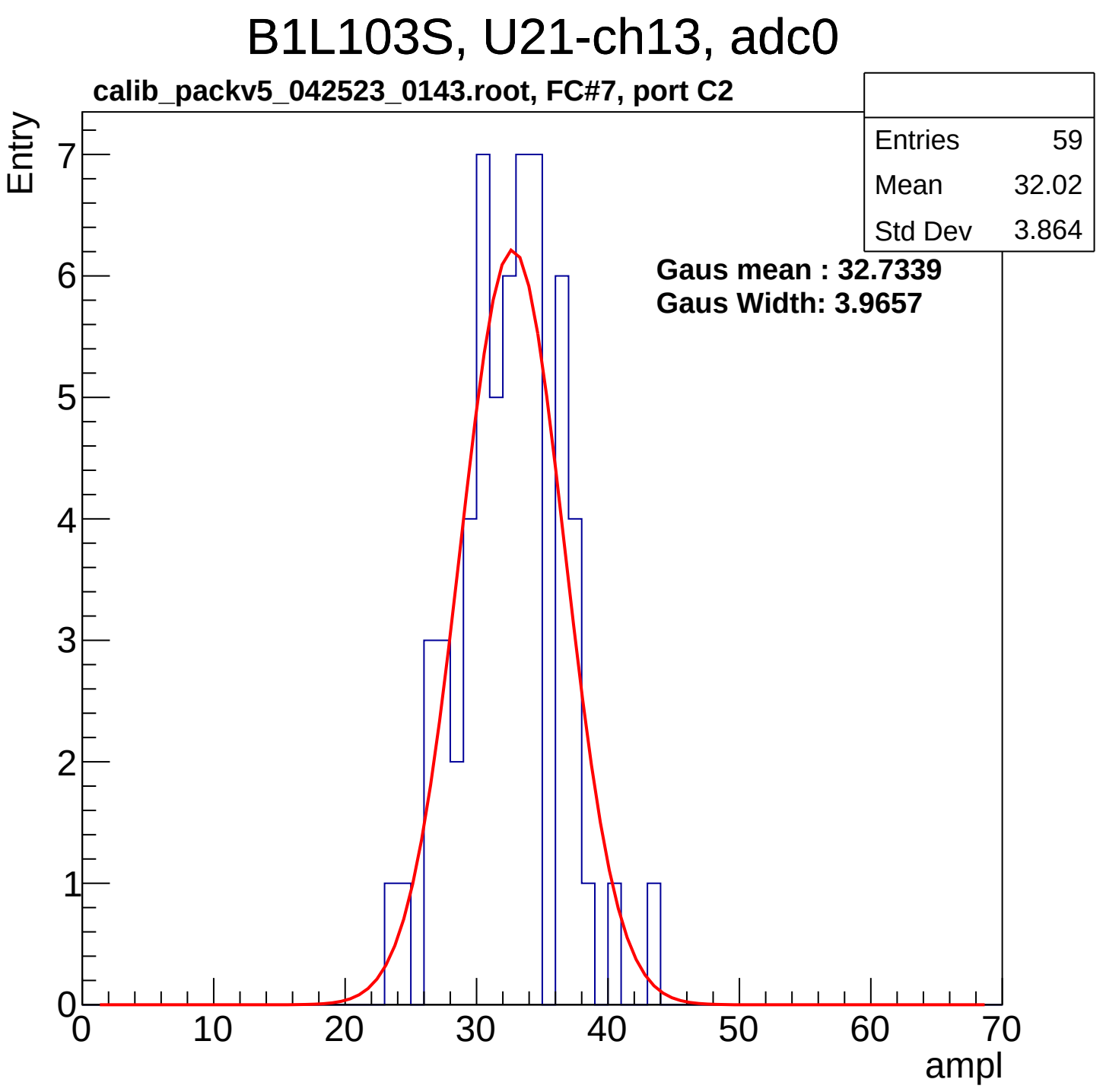
B1L103S, U21-ch13, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 32.02
Std Dev 3.864
Gaus mean : 32.7339
Gaus Width: 3.9657
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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60
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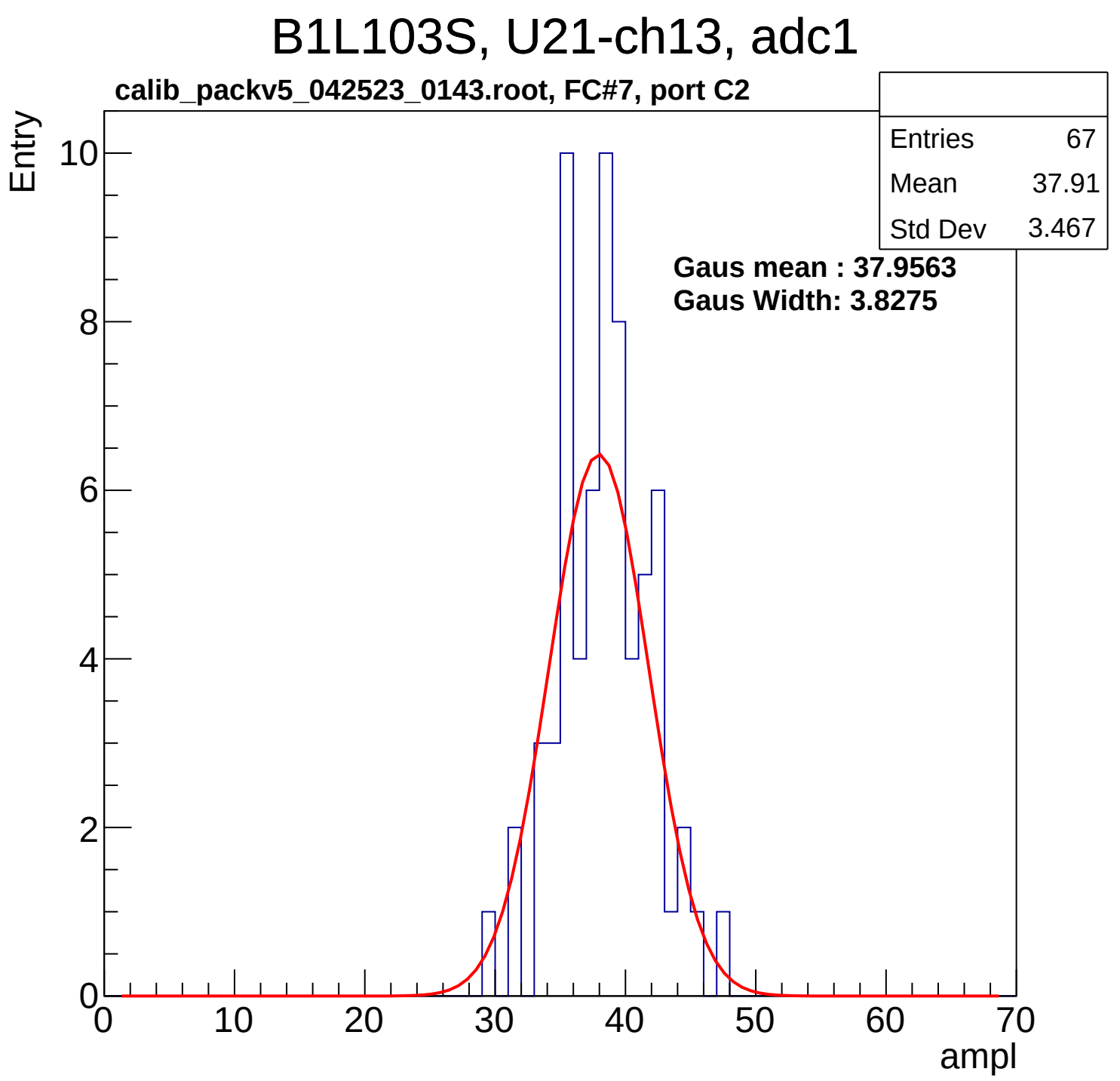
B1L103S, U21-ch13, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 37.91
Std Dev 3.467
Gaus mean : 37.9563
Gaus Width: 3.8275
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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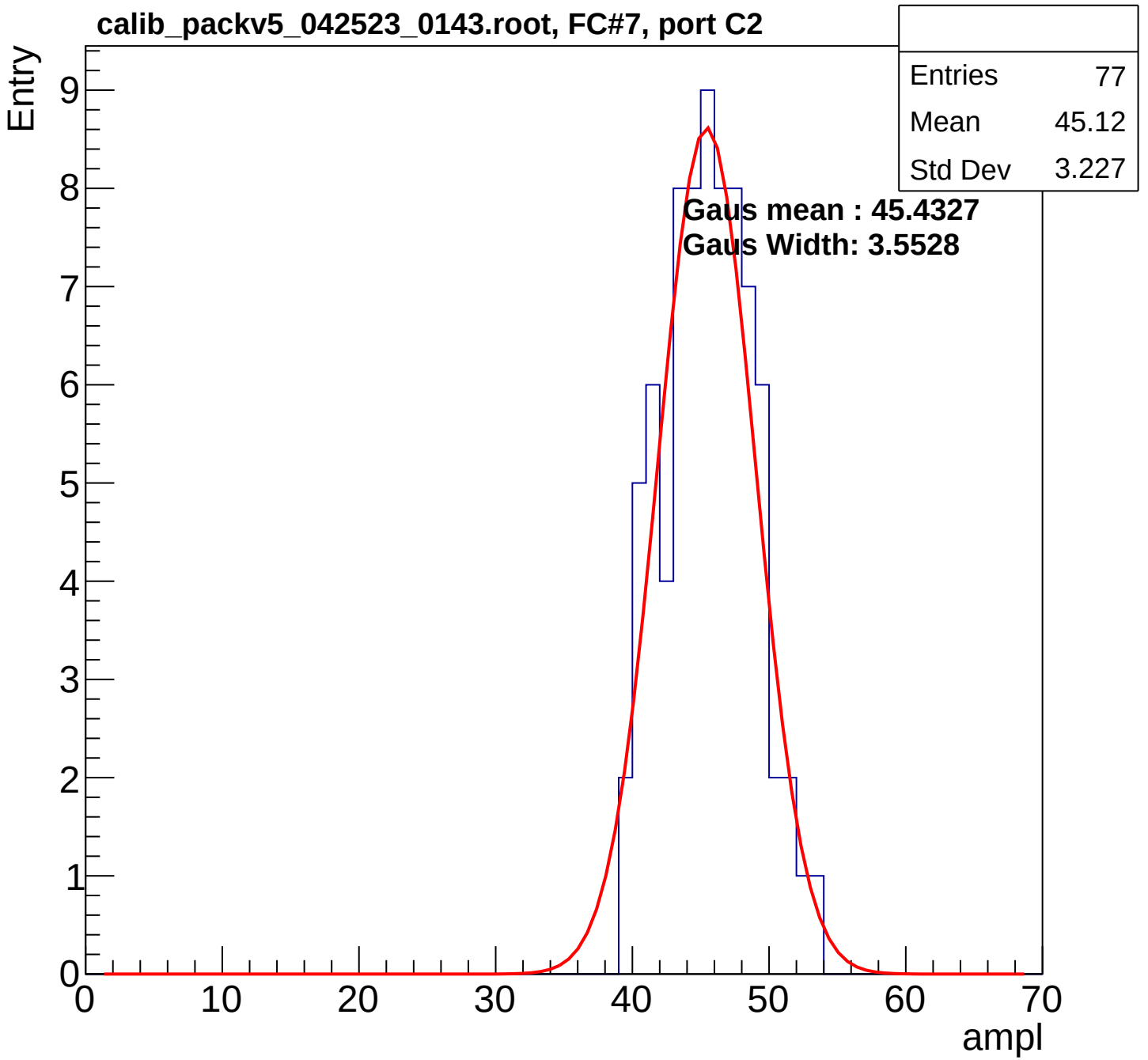
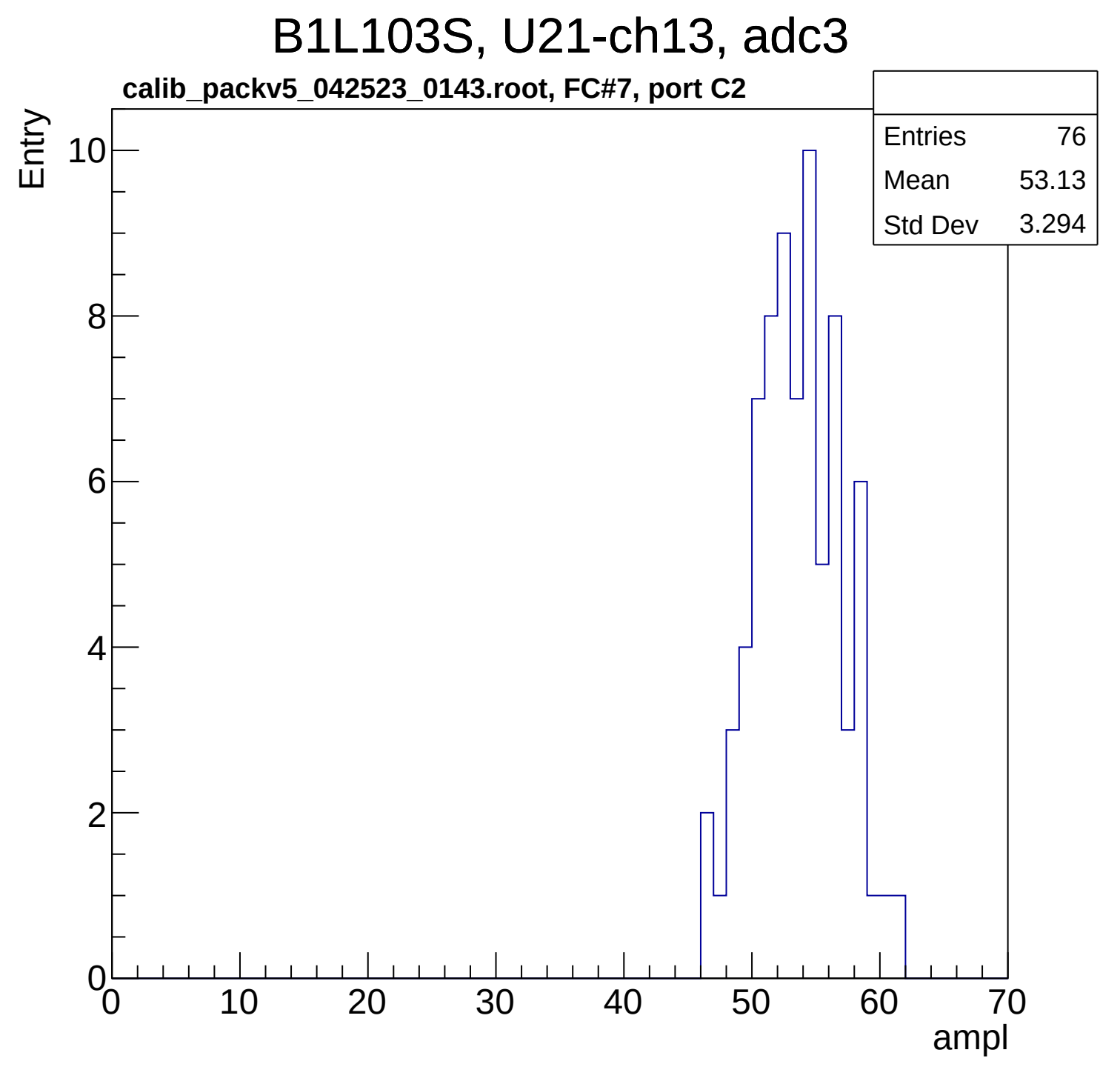

B1L103S, U21-ch13, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 77
Mean 45.12
Std Dev 3.227
Gaus mean : 45.4327
Gaus Width: 3.5528
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch13, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 53.13
Std Dev 3.294
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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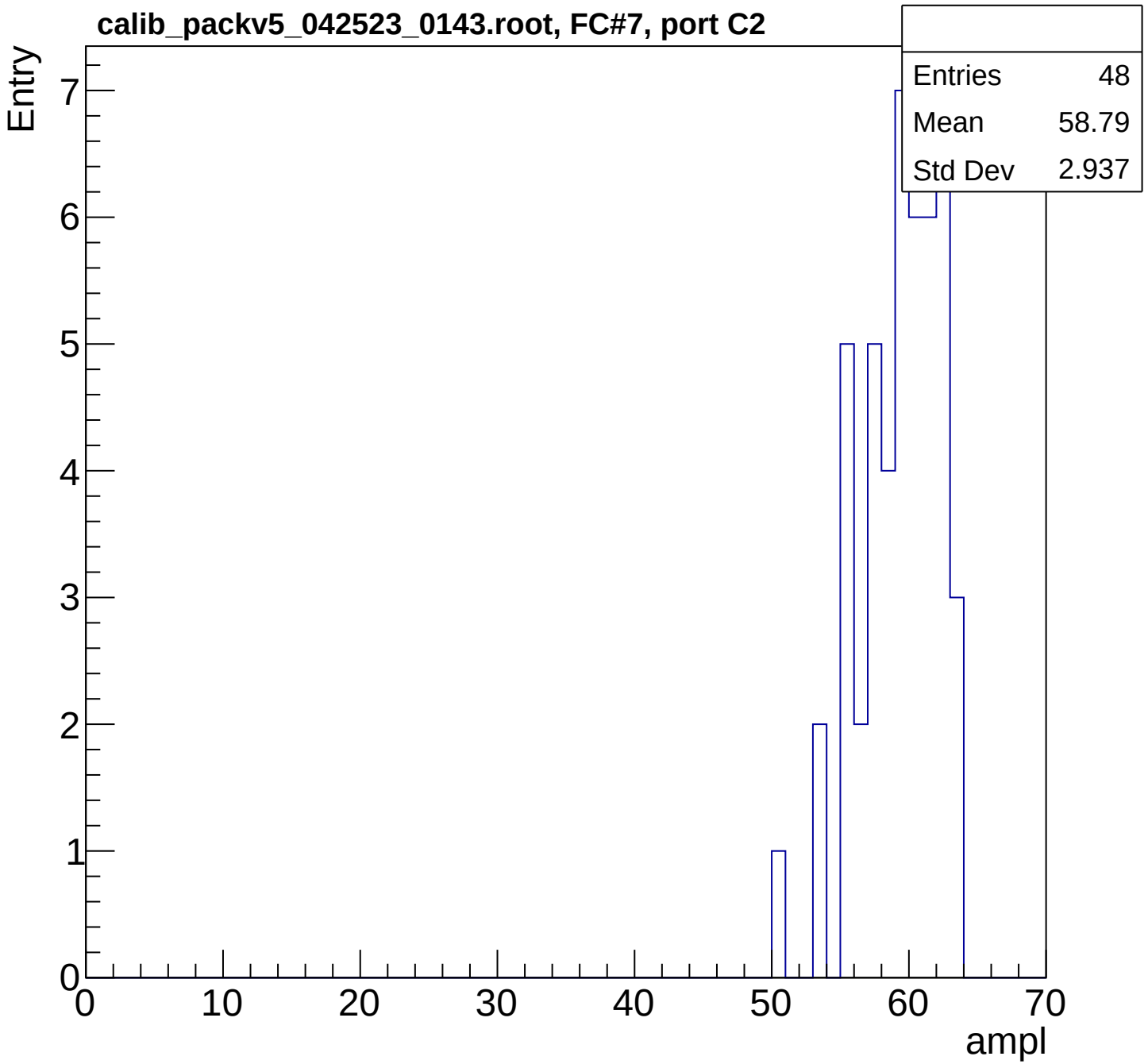
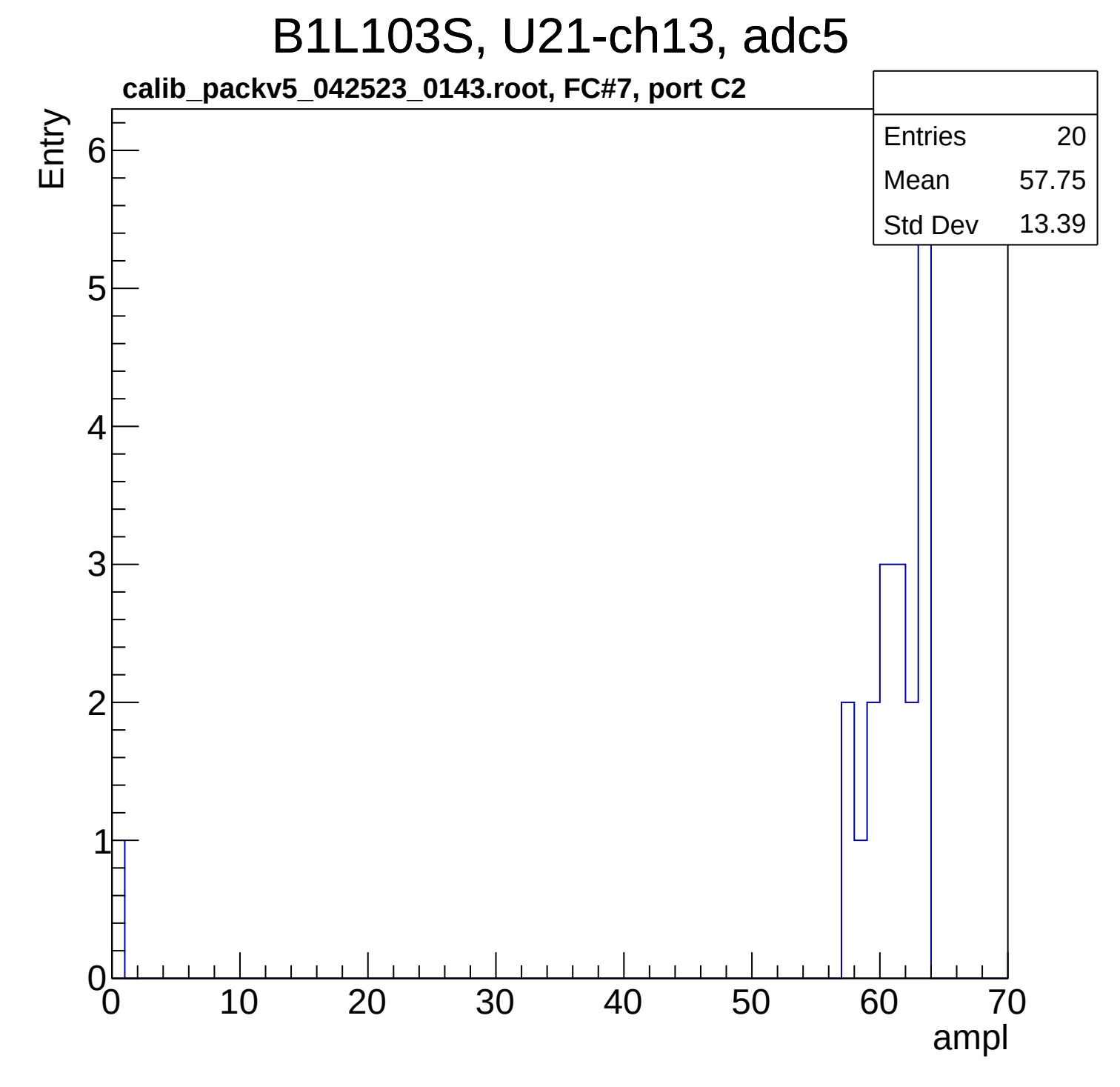
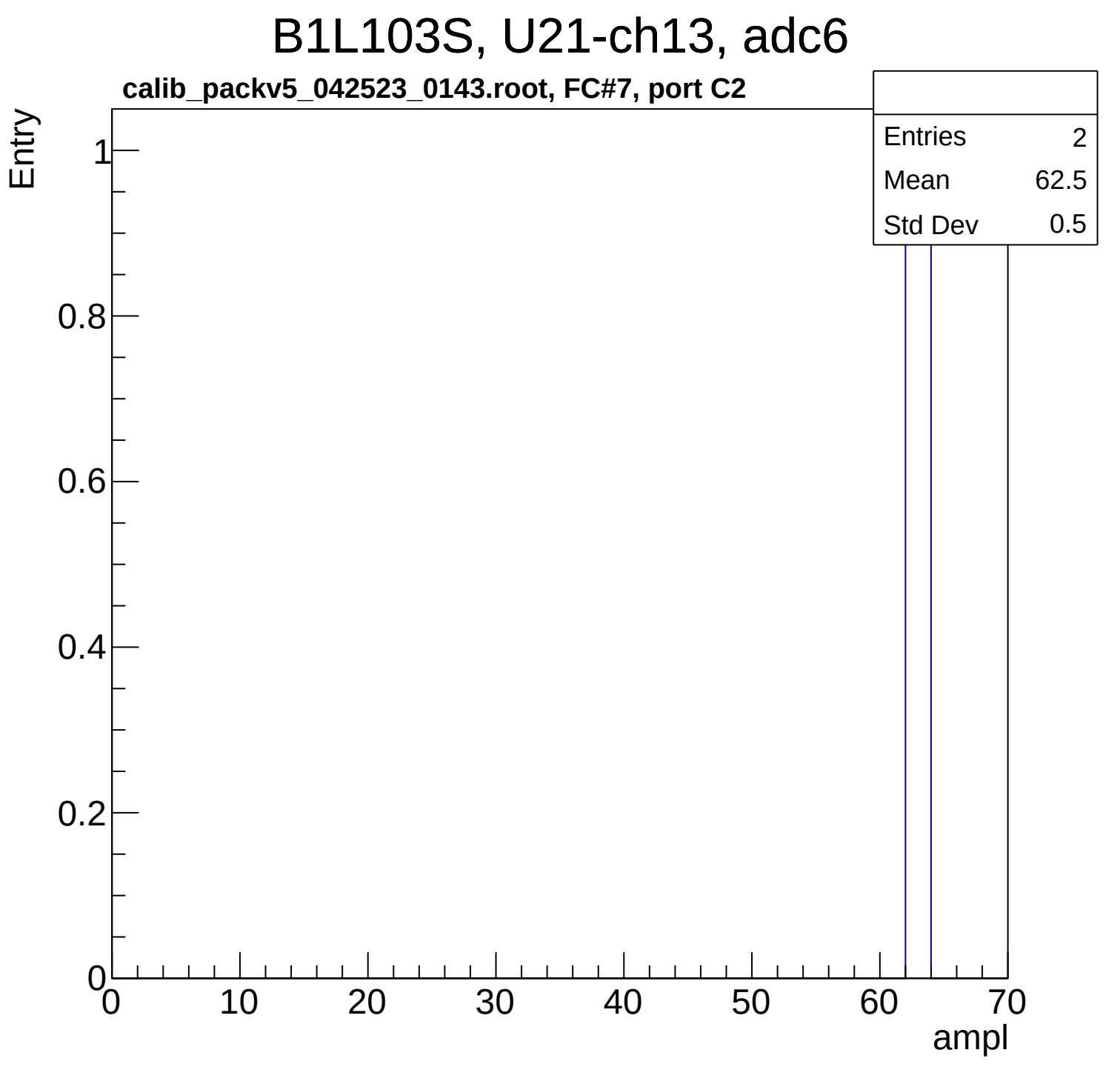

B1L103S, U21-ch13, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 48
Mean 58.79
Std Dev 2.937
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch13, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 20
Mean 57.75
Std Dev 13.39
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch13, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
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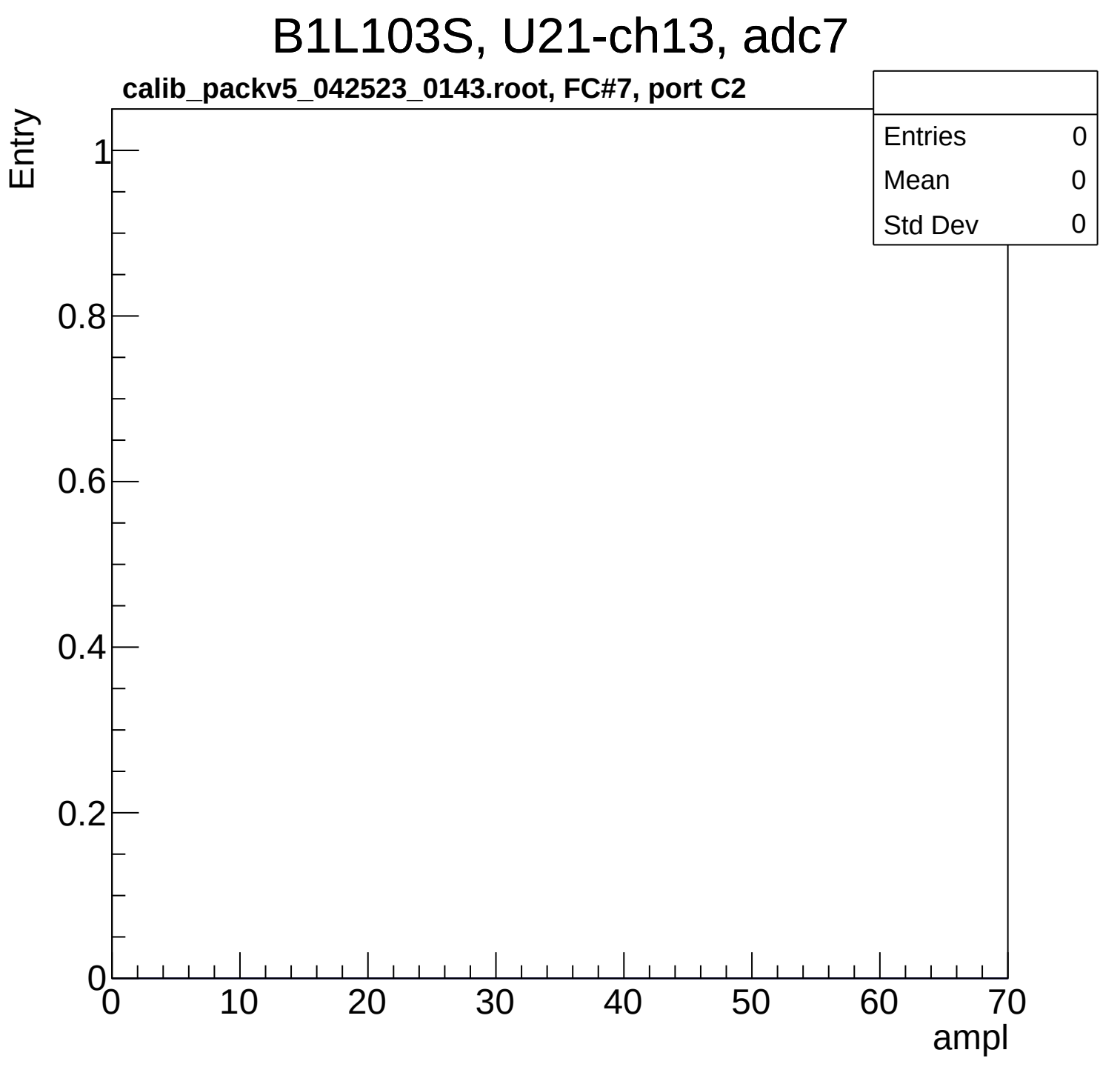
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch13, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
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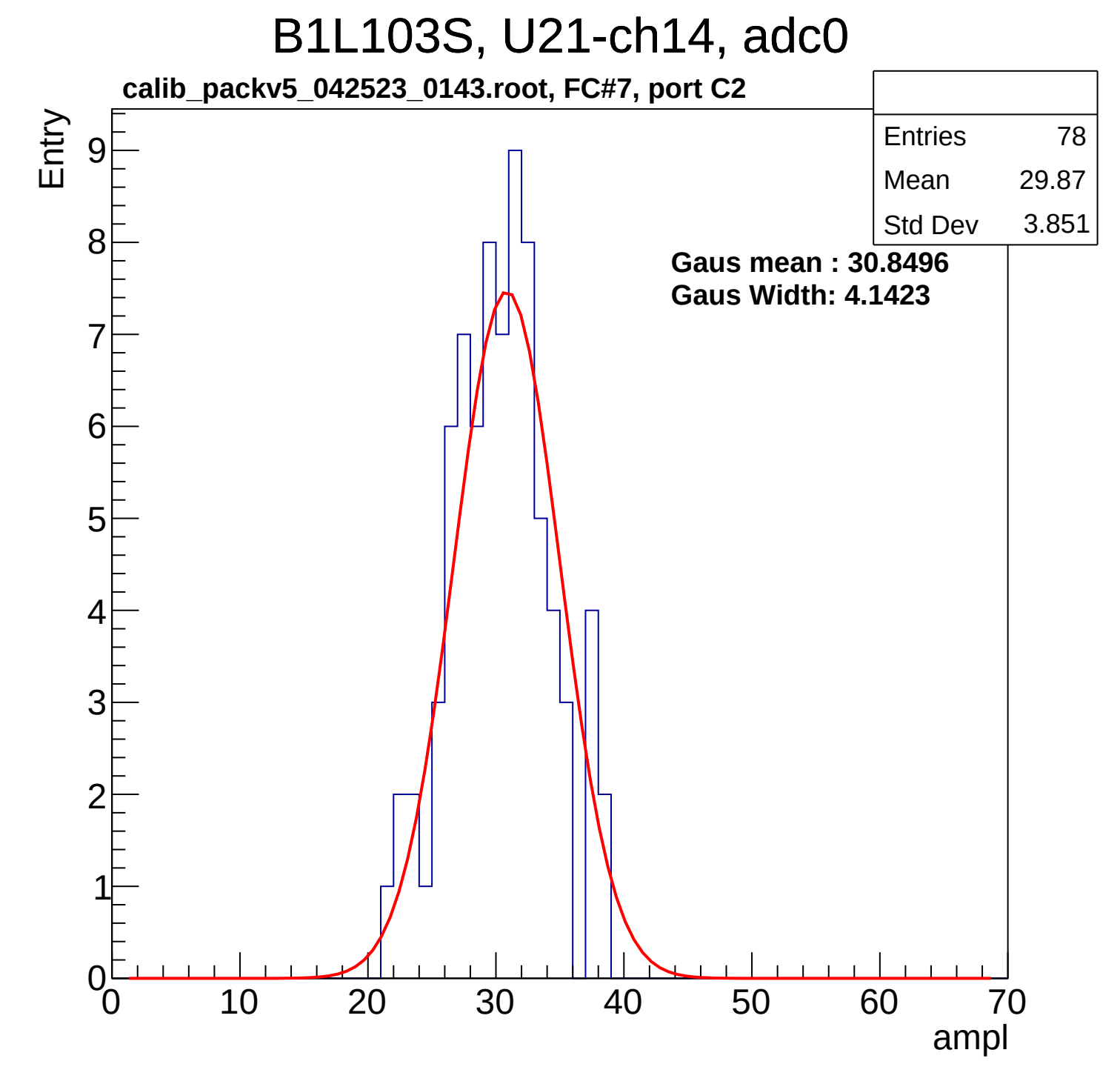
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch14, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 78
Mean 29.87
Std Dev 3.851
Gaus mean : 30.8496
Gaus Width: 4.1423
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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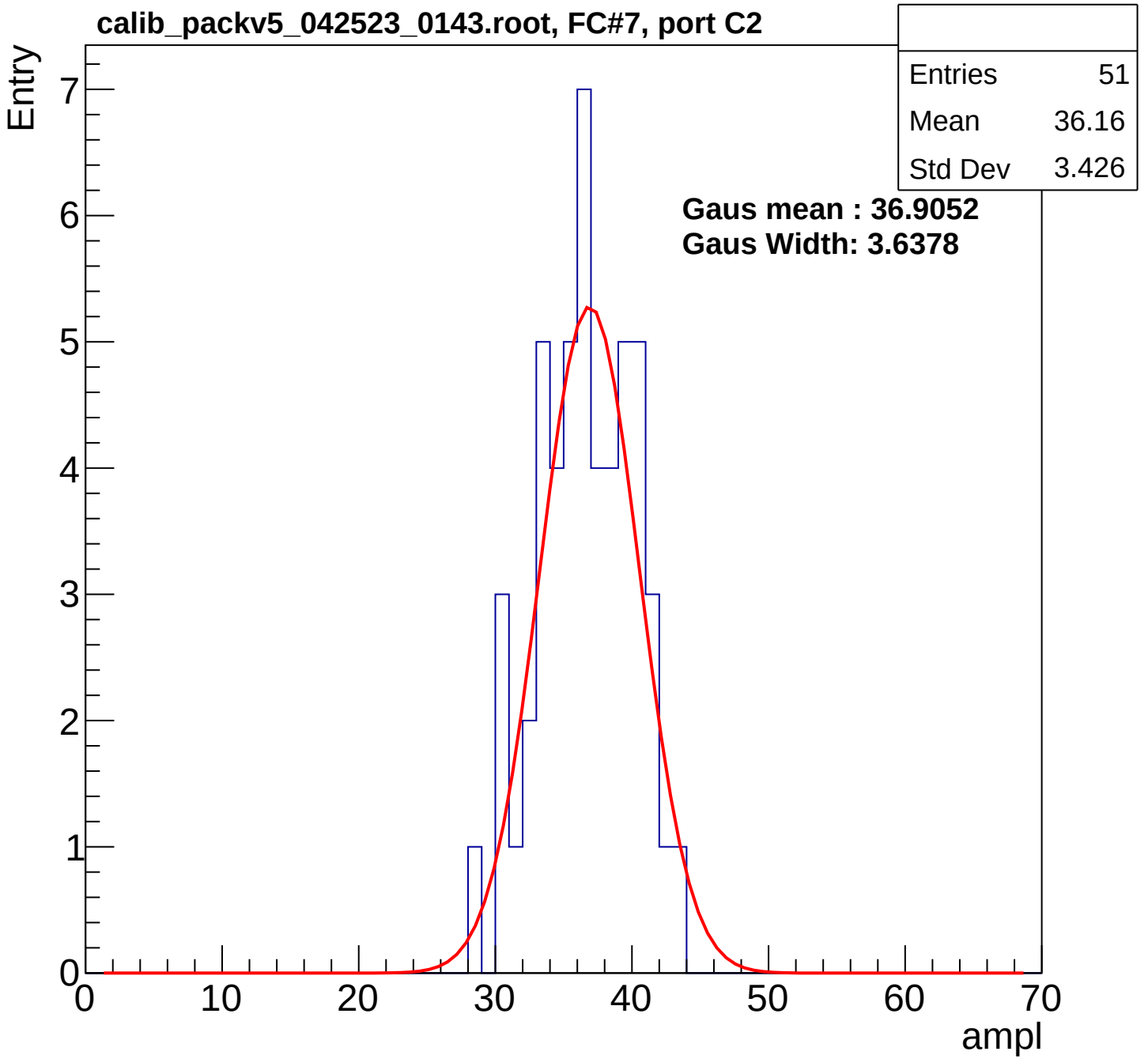
B1L103S, U21-ch14, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 36.16
Std Dev 3.426
Gaus mean : 36.9052
Gaus Width: 3.6378
Entry
ampl
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1
2
3
4
5
6
7
0
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20
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60
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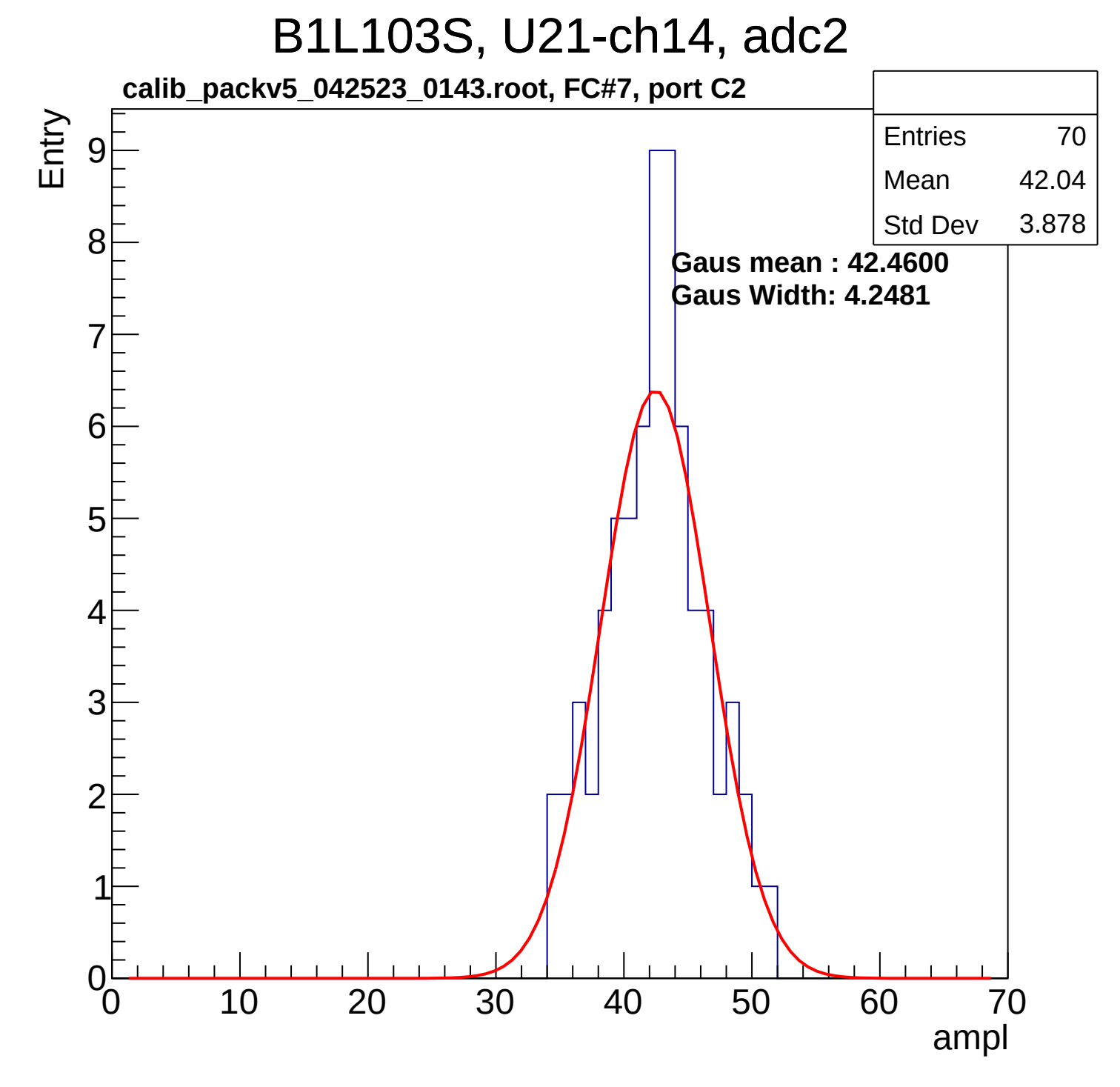
B1L103S, U21-ch14, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 42.04
Std Dev 3.878
Gaus mean : 42.4600
Gaus Width: 4.2481
Entry
ampl
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2
3
4
5
6
7
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9
0
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20
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60
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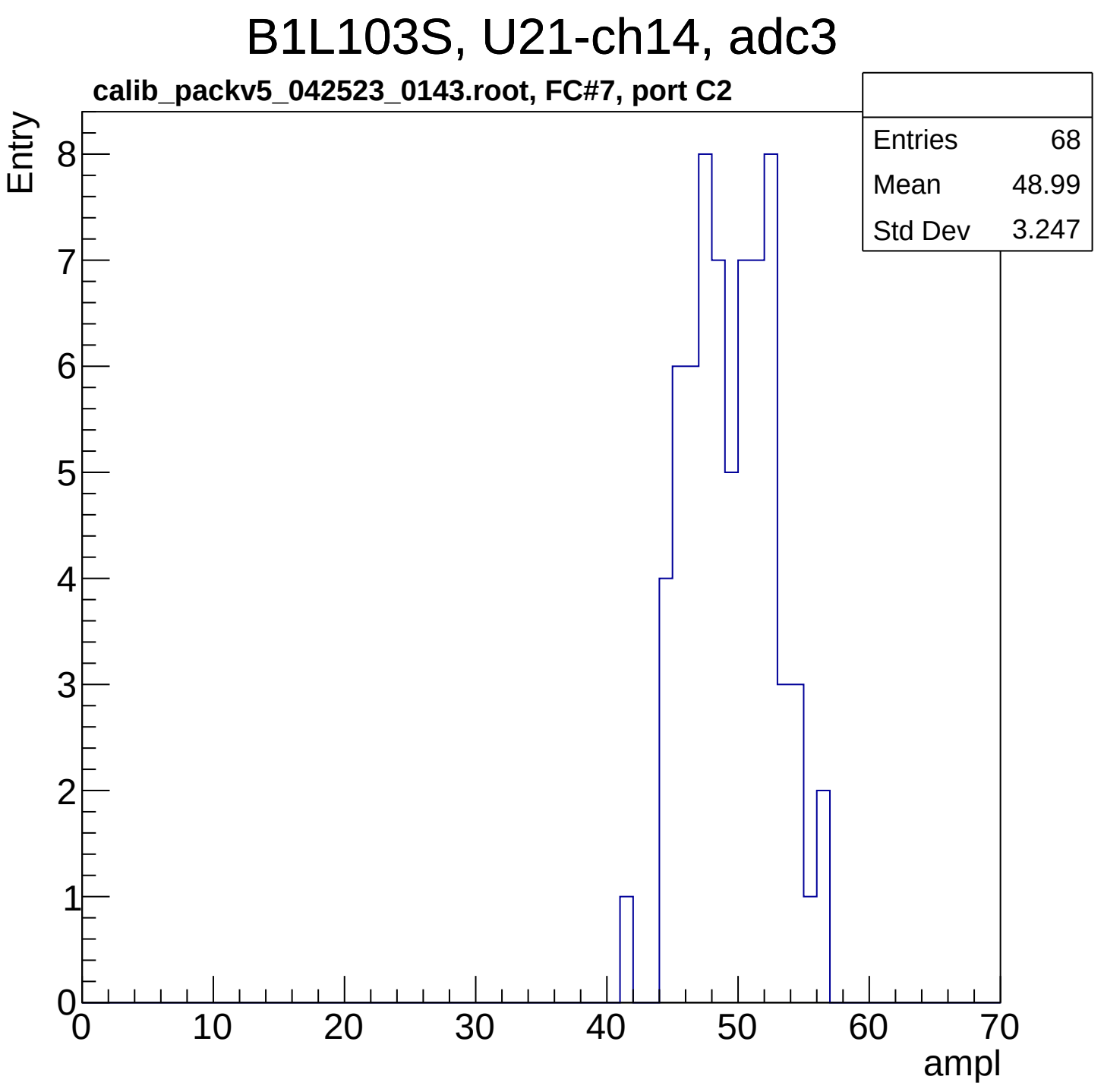
B1L103S, U21-ch14, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 48.99
Std Dev 3.247
Entry
ampl
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0
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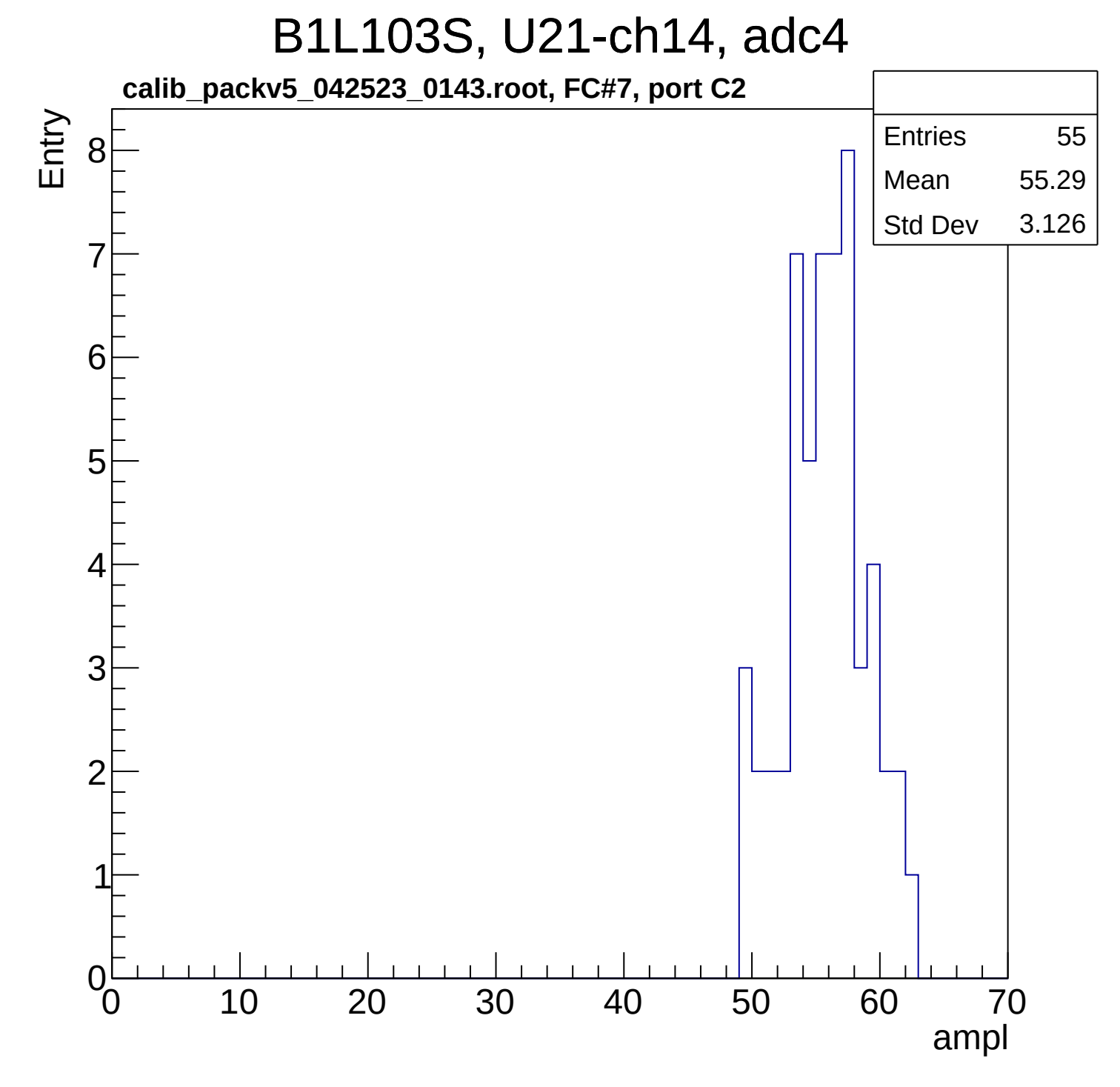
B1L103S, U21-ch14, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 55.29
Std Dev 3.126
Entry
ampl
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0
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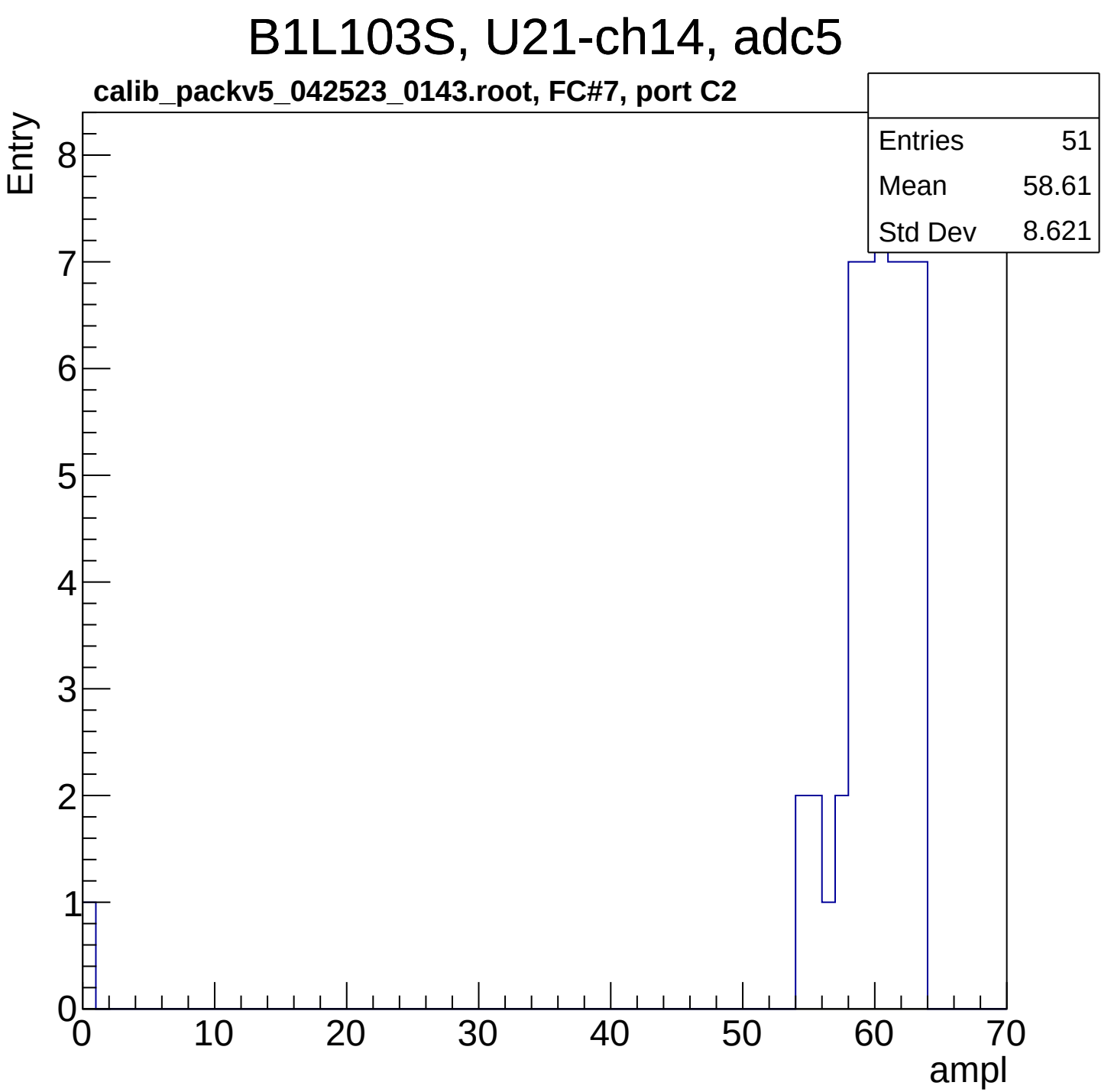
B1L103S, U21-ch14, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 58.61
Std Dev 8.621
Entry
ampl
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0
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60
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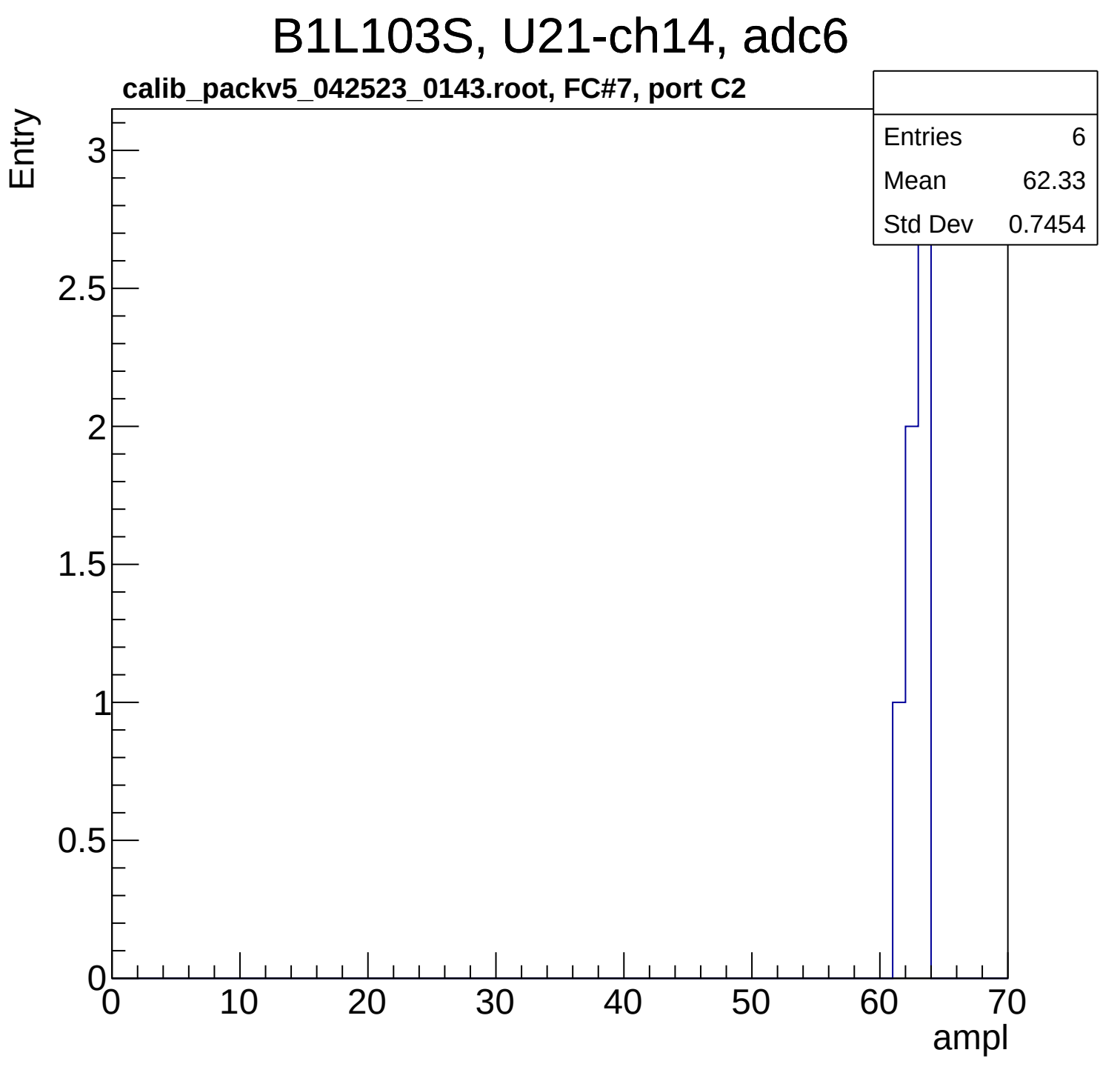
B1L103S, U21-ch14, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 6
Mean 62.33
Std Dev 0.7454
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
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20
30
40
50
60
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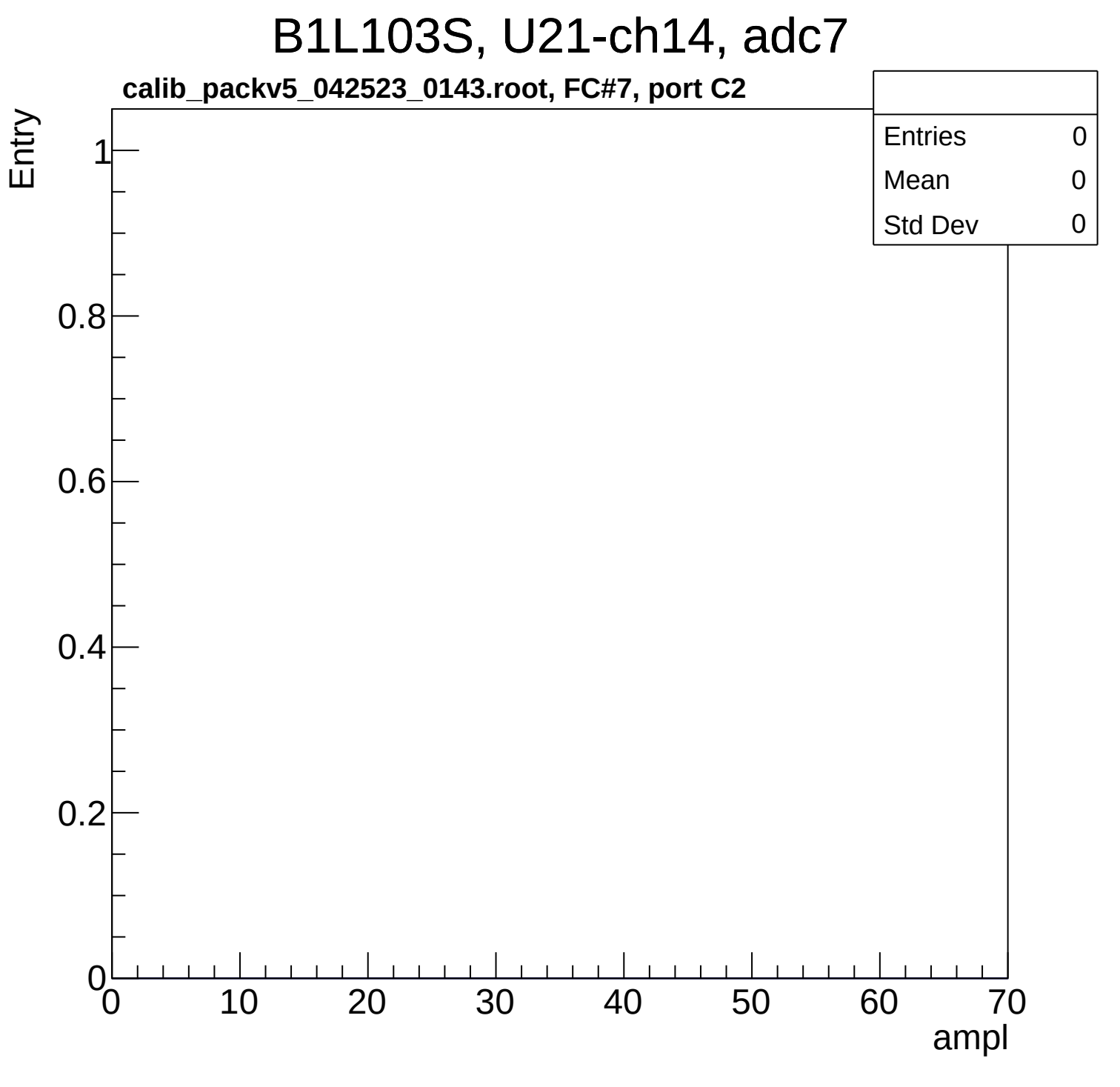
B1L103S, U21-ch14, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
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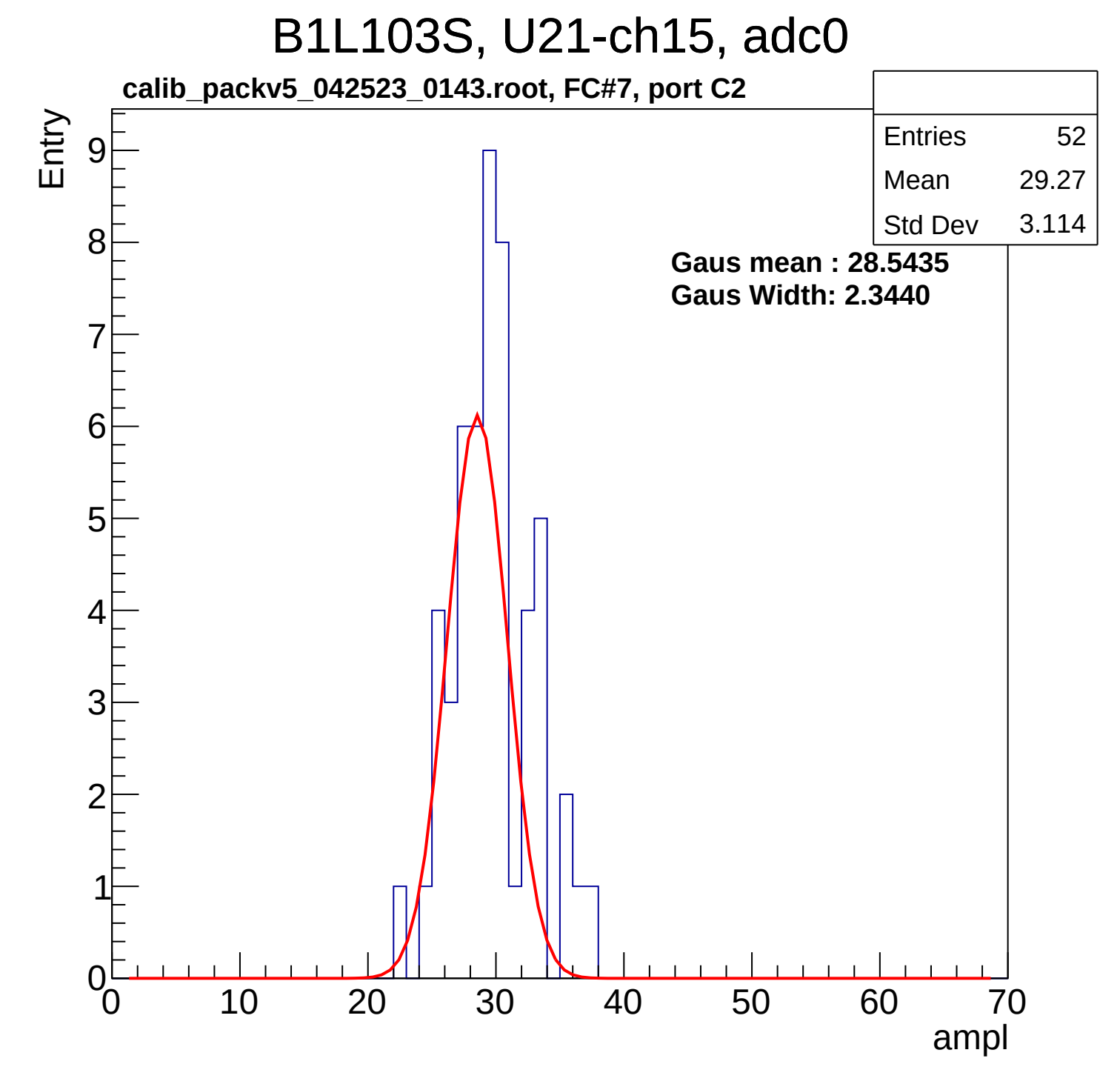
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch15, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 52
Mean 29.27
Std Dev 3.114
Gaus mean : 28.5435
Gaus Width: 2.3440
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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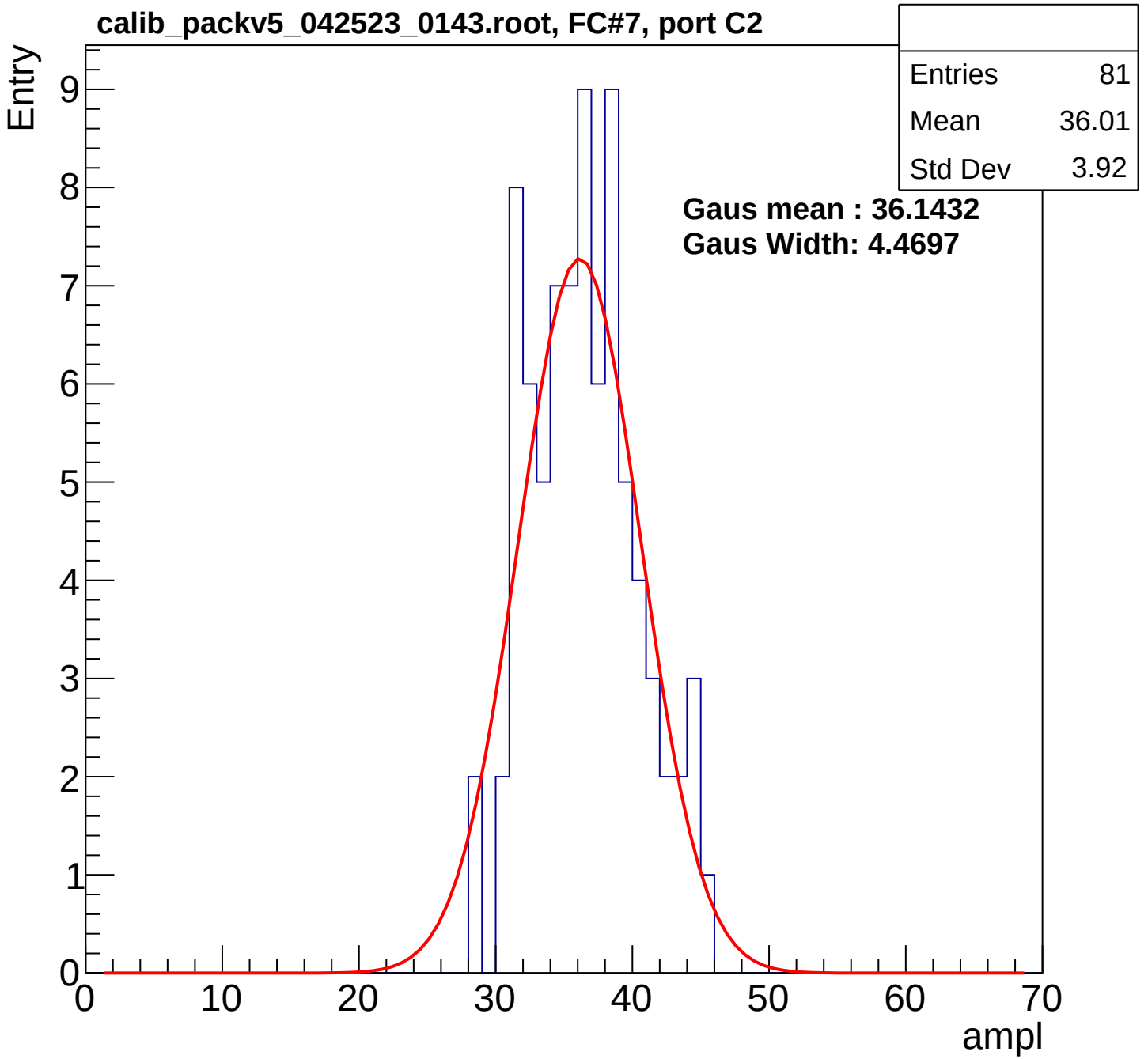
B1L103S, U21-ch15, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 81
Mean 36.01
Std Dev 3.92
Gaus mean : 36.1432
Gaus Width: 4.4697
Entry
ampl
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3
4
5
6
7
8
9
0
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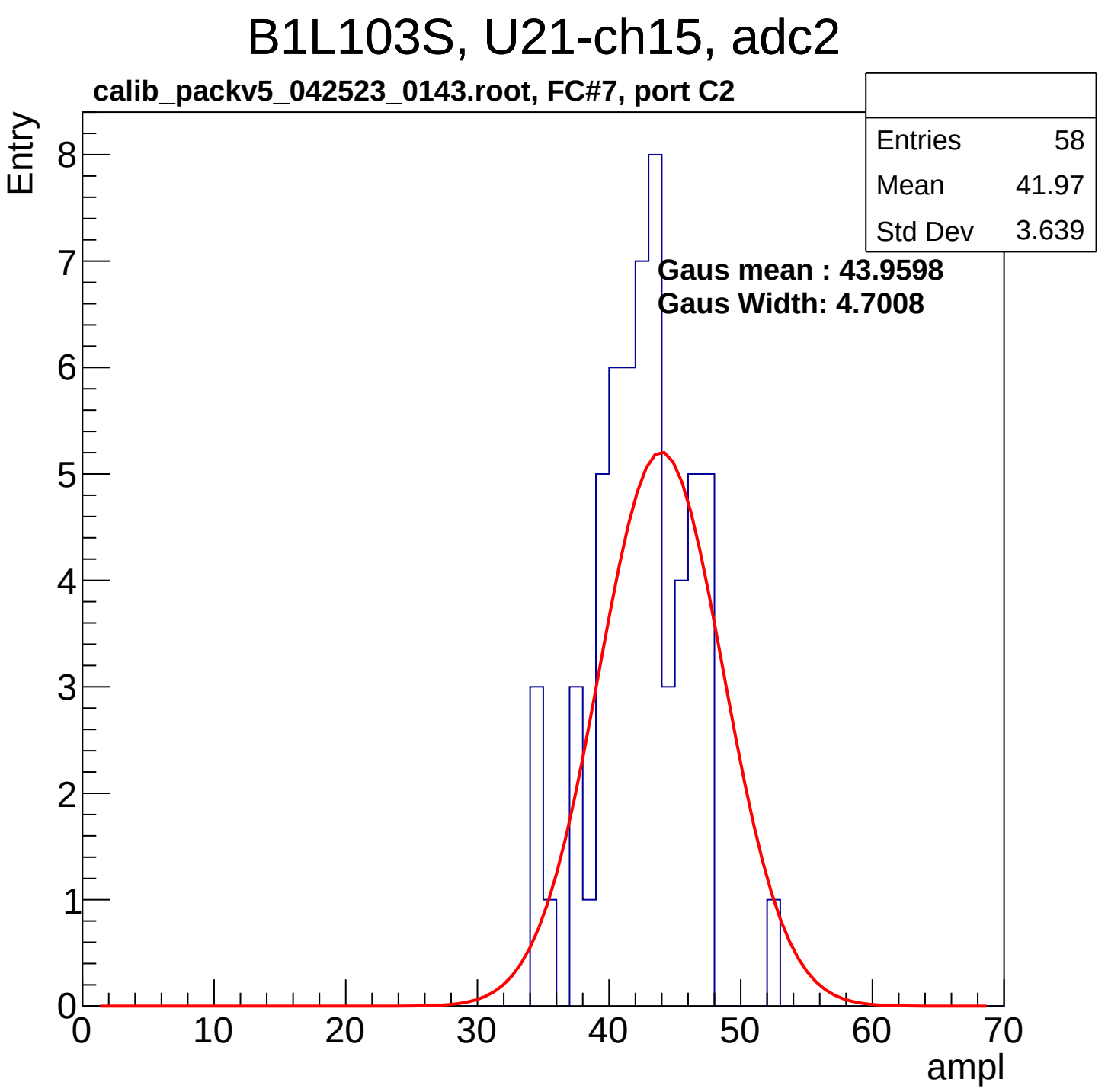
B1L103S, U21-ch15, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 41.97
Std Dev 3.639
Gaus mean : 43.9598
Gaus Width: 4.7008
Entry
ampl
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1
2
3
4
5
6
7
8
0
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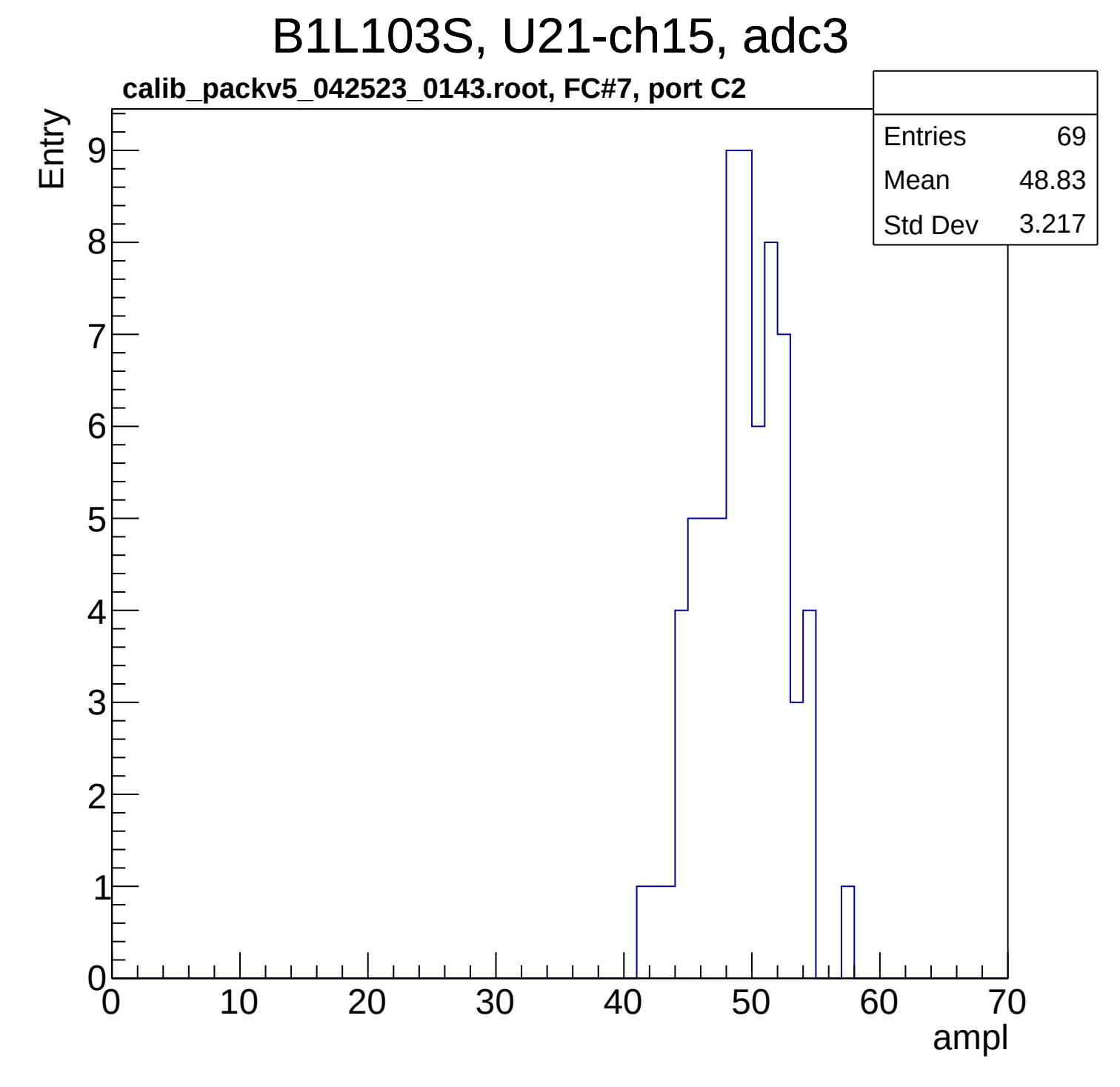
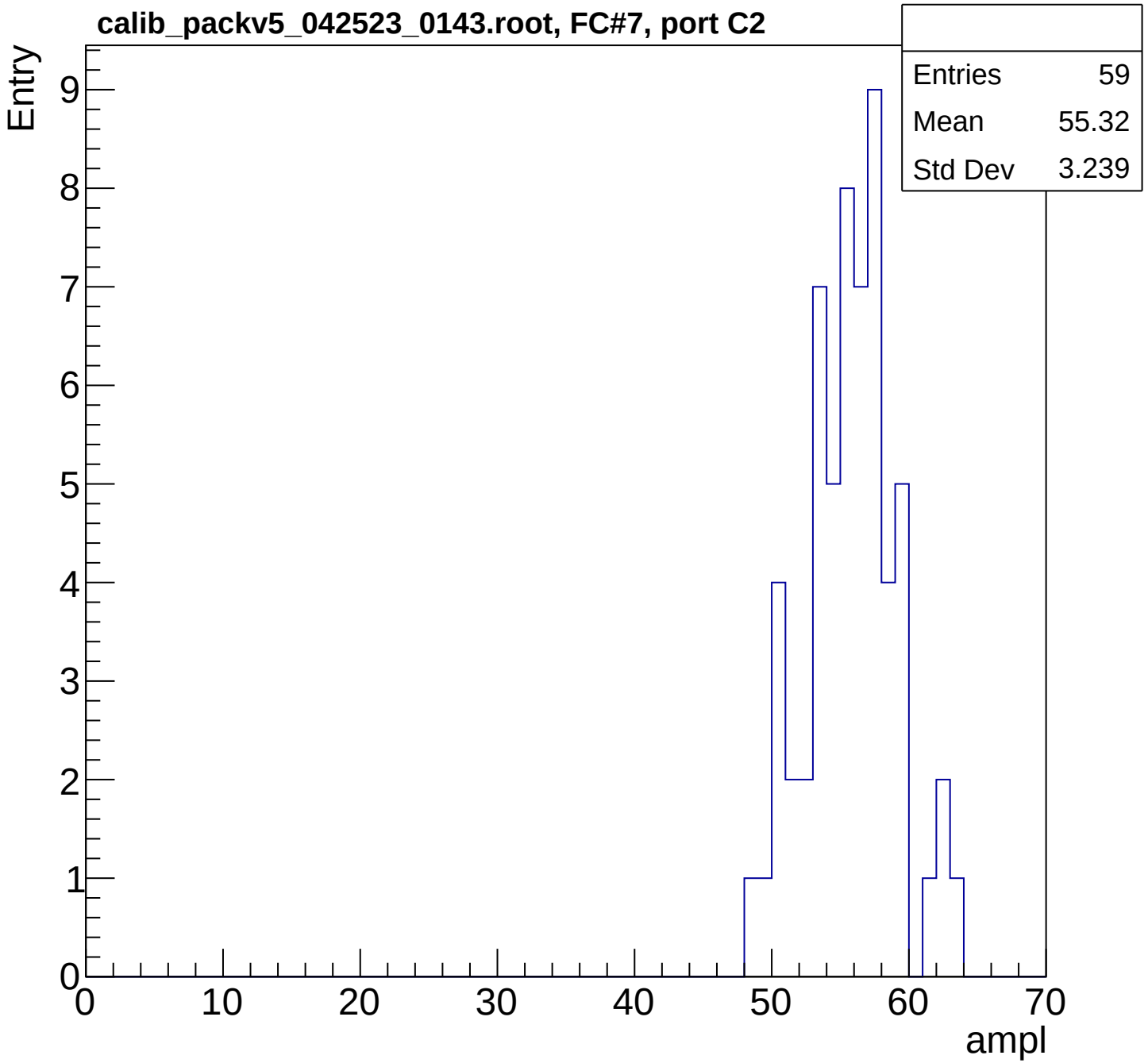

B1L103S, U21-ch15, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 48.83
Std Dev 3.217
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch15, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 55.32
Std Dev 3.239
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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60
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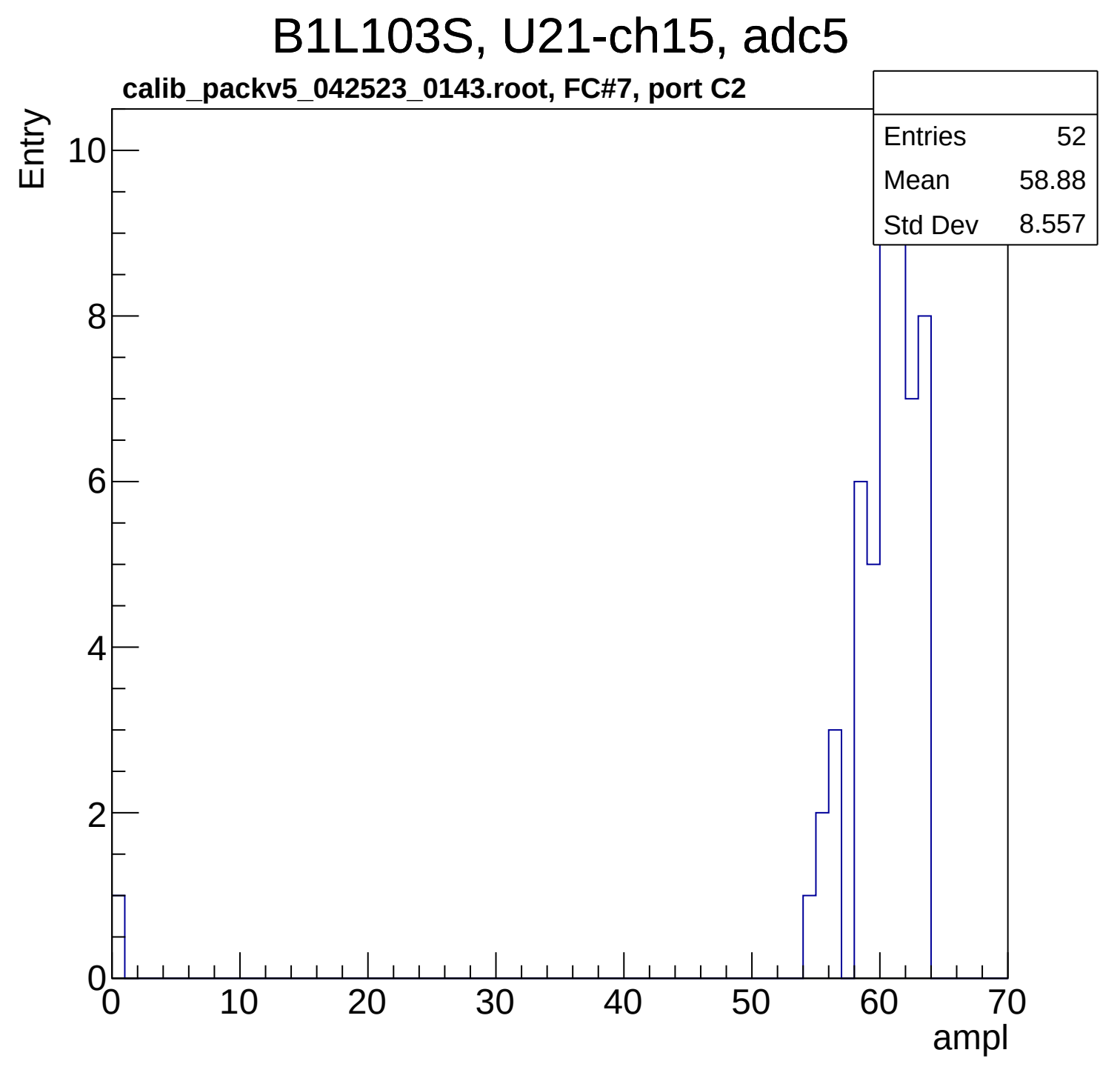
B1L103S, U21-ch15, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 52
Mean 58.88
Std Dev 8.557
Entry
ampl
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2
4
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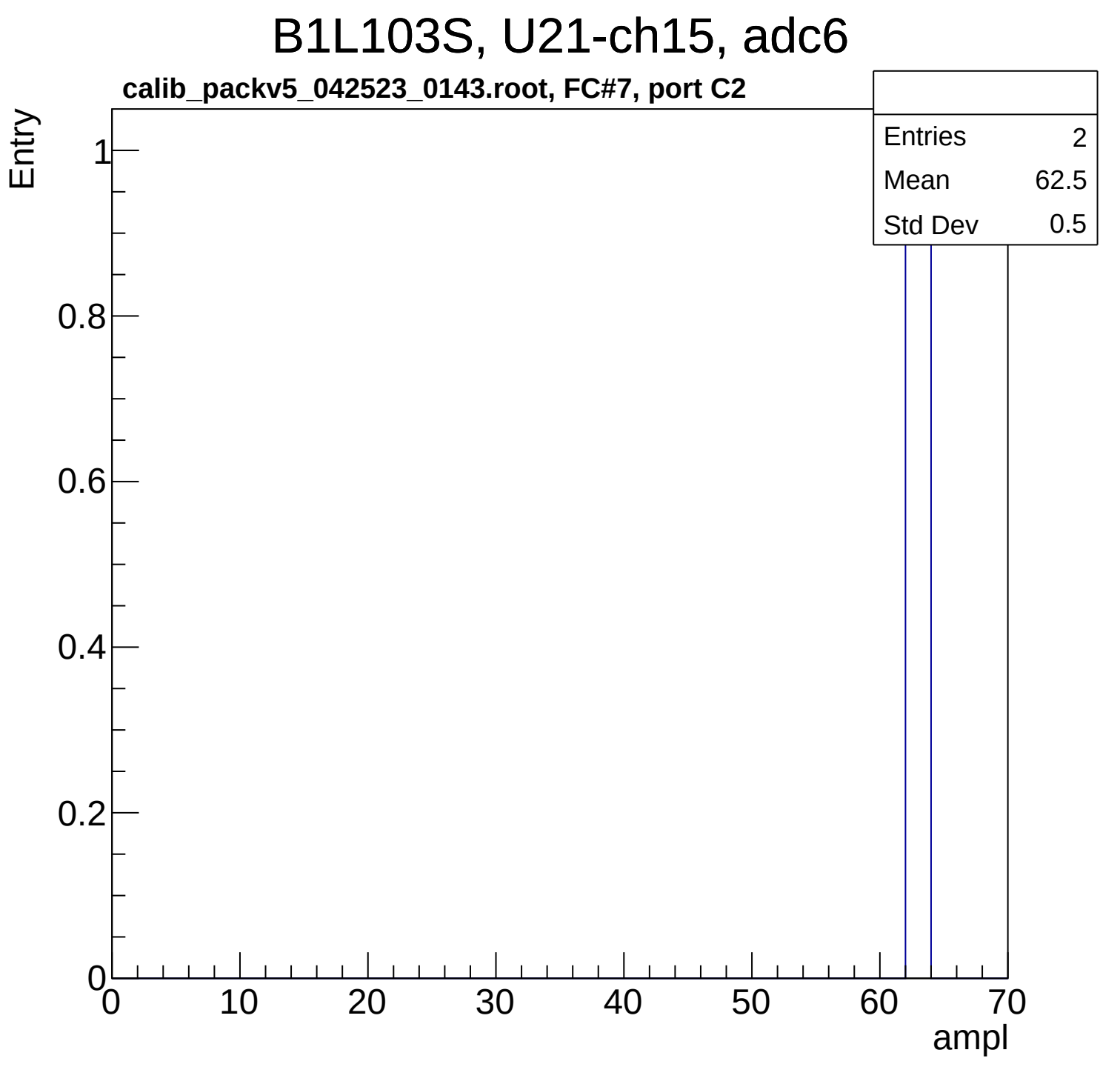
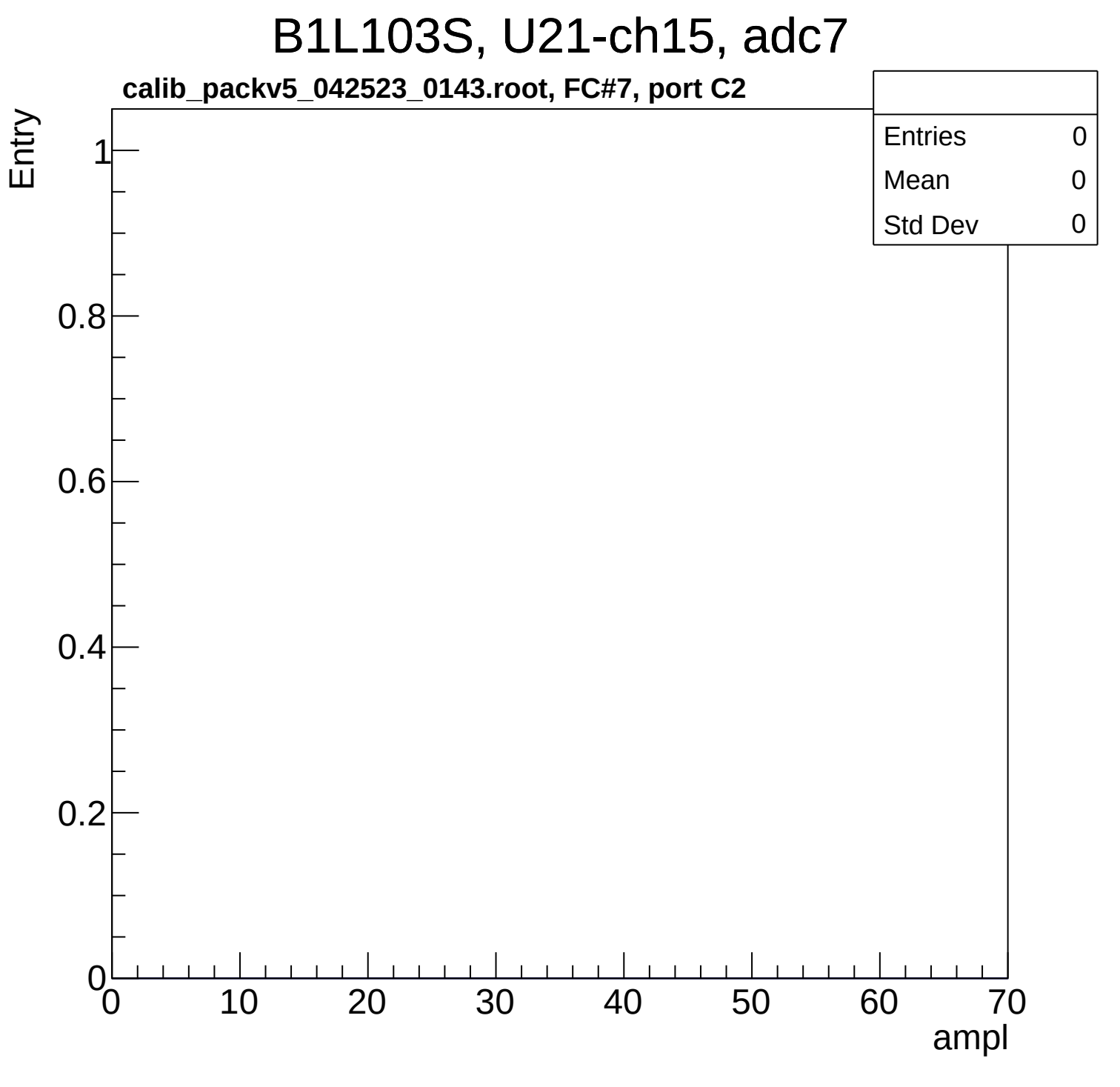
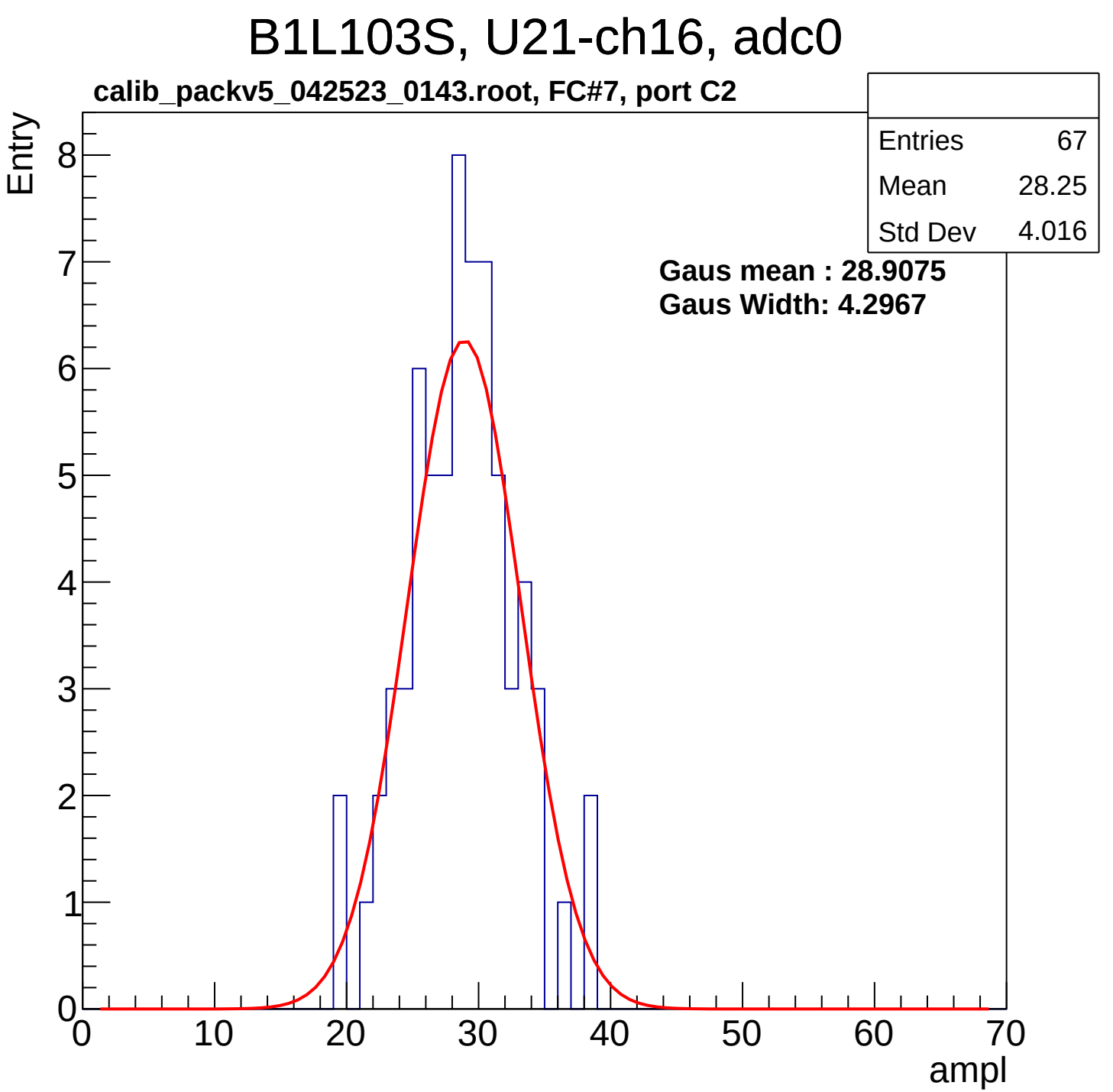

B1L103S, U21-ch15, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch15, 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, U21-ch16, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 28.25
Std Dev 4.016
Gaus mean : 28.9075
Gaus Width: 4.2967
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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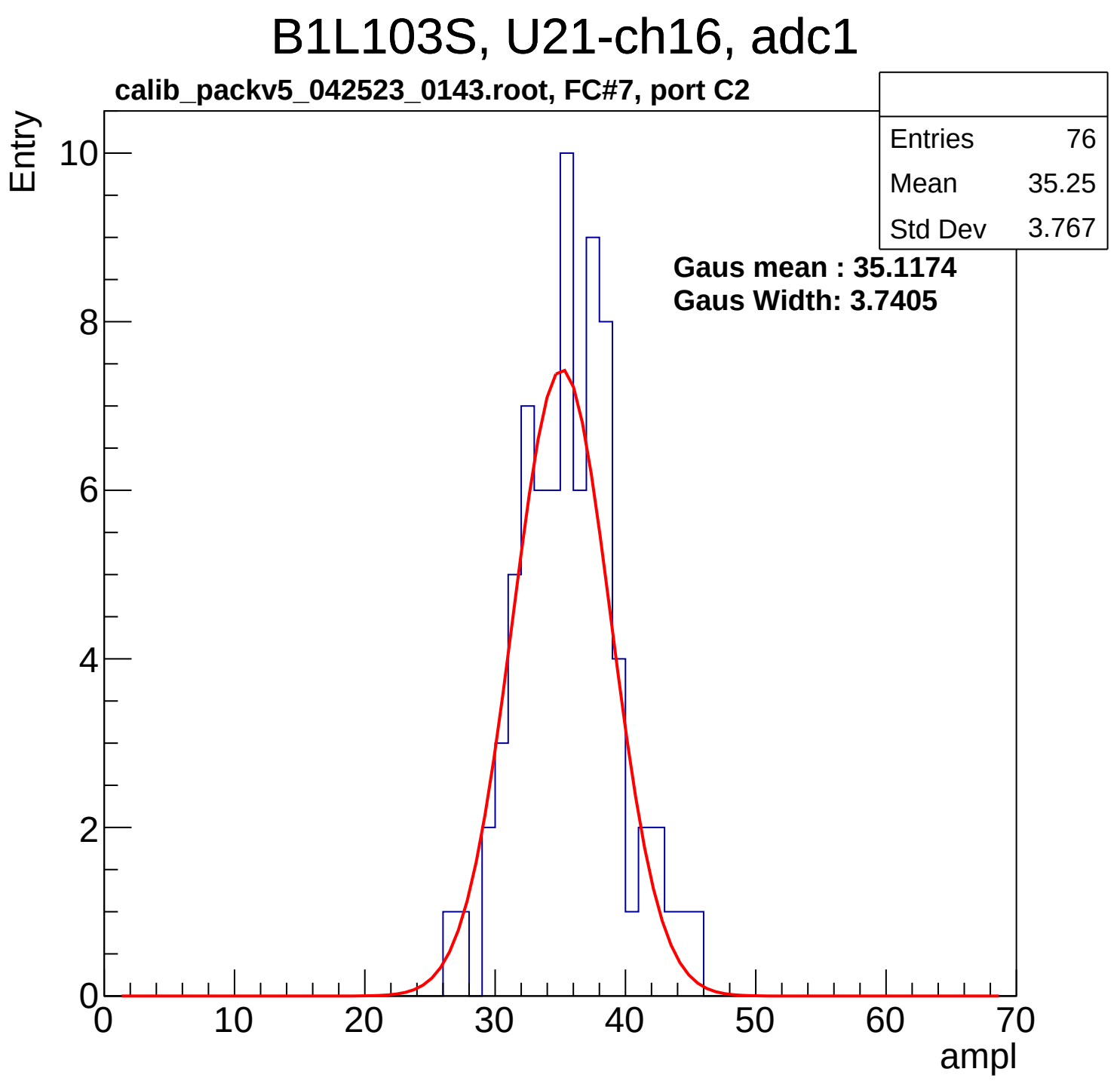
B1L103S, U21-ch16, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 35.25
Std Dev 3.767
Gaus mean : 35.1174
Gaus Width: 3.7405
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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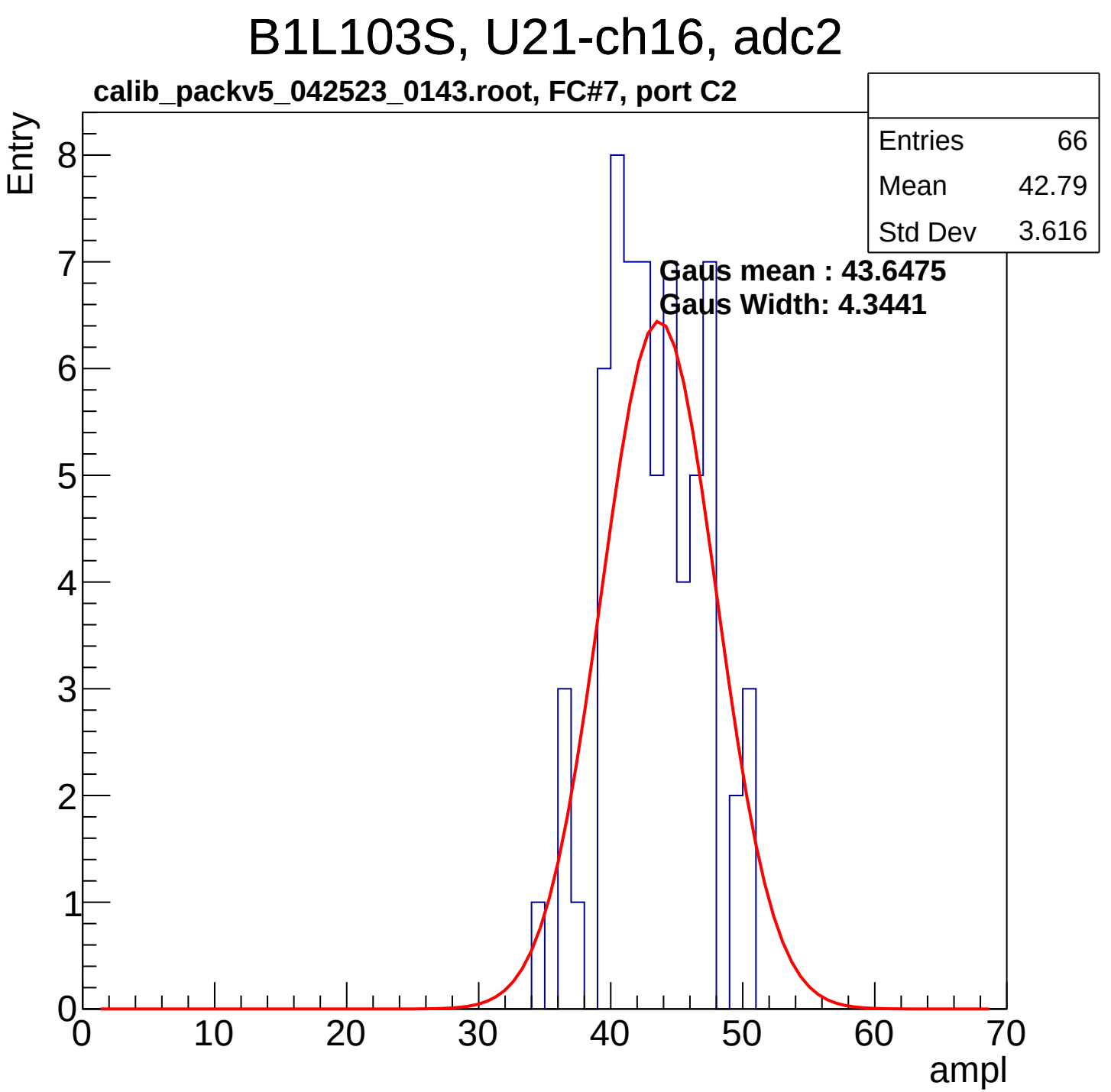
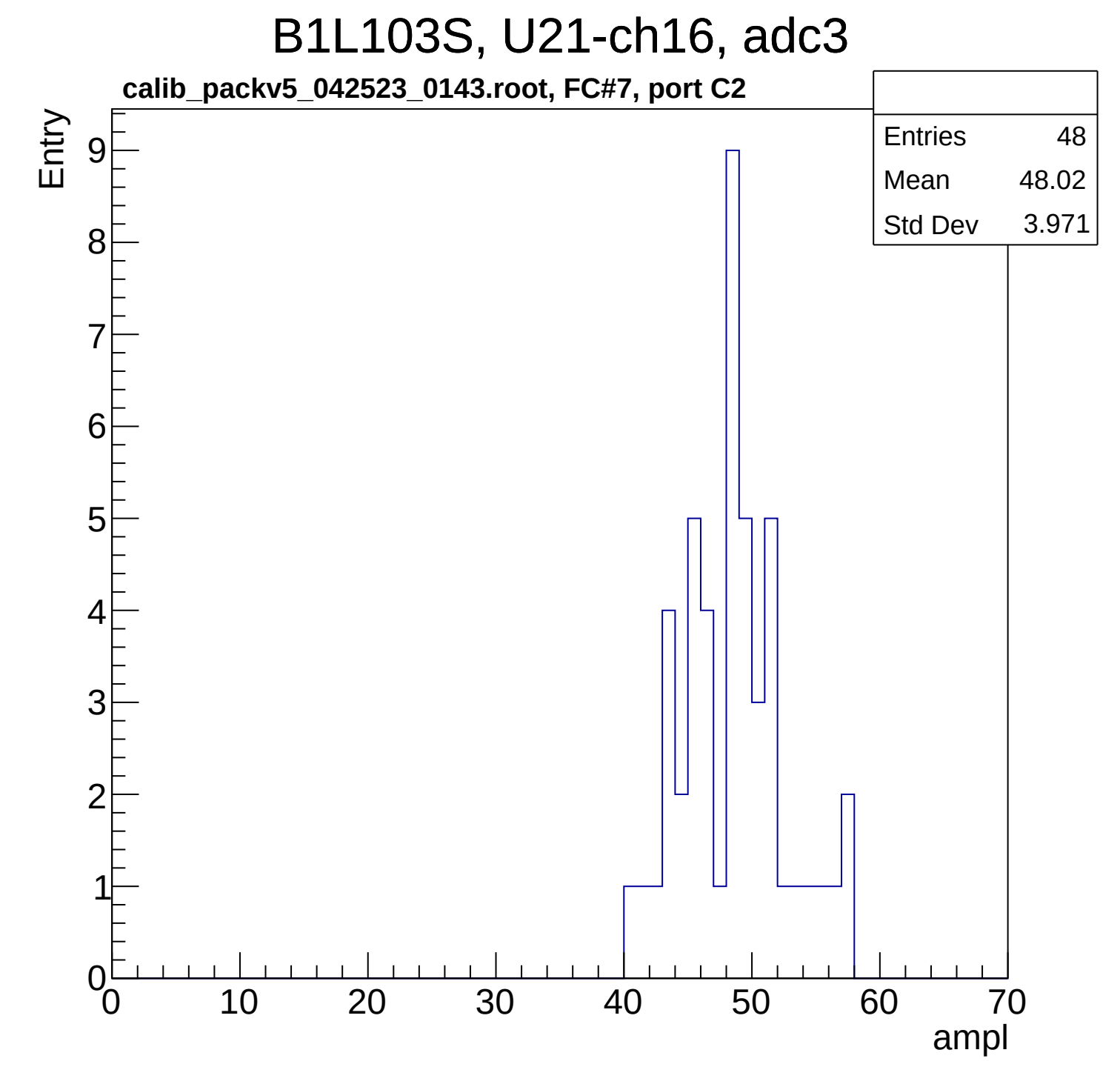

B1L103S, U21-ch16, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 42.79
Std Dev 3.616
Gaus mean : 43.6475
Gaus Width: 4.3441
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch16, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 48
Mean 48.02
Std Dev 3.971
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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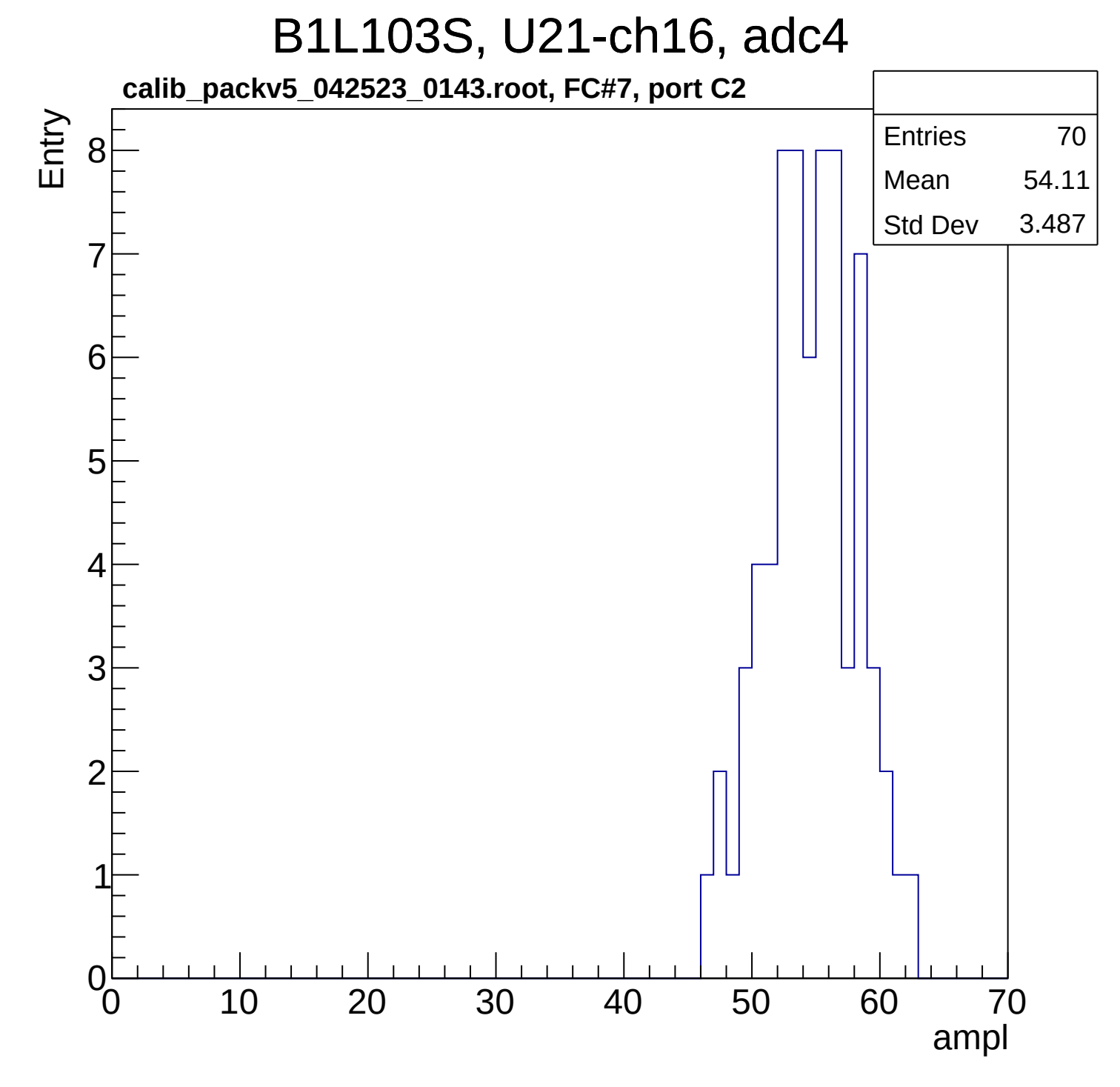
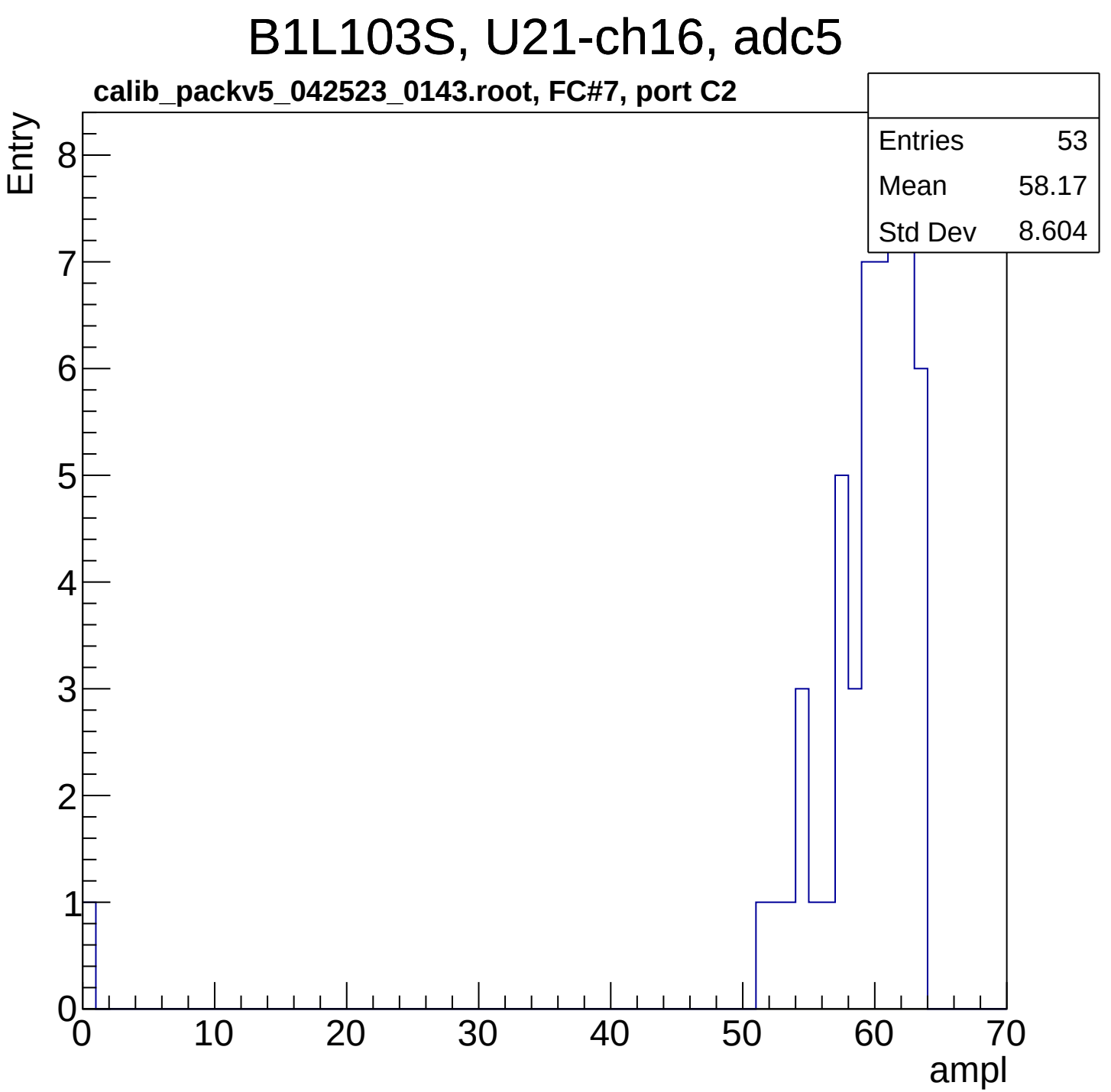

B1L103S, U21-ch16, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 54.11
Std Dev 3.487
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch16, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 53
Mean 58.17
Std Dev 8.604
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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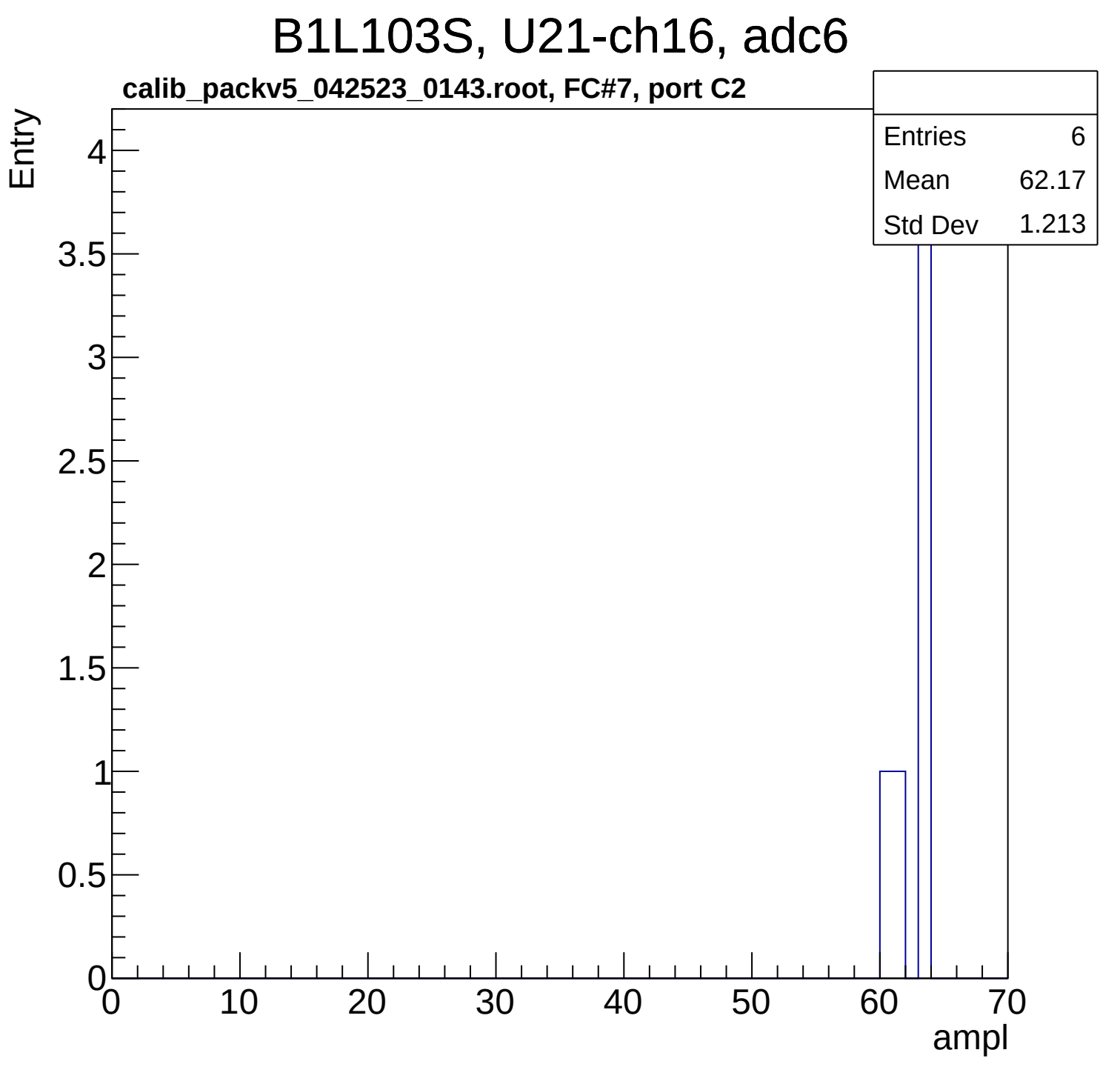
B1L103S, U21-ch16, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 6
Mean 62.17
Std Dev 1.213
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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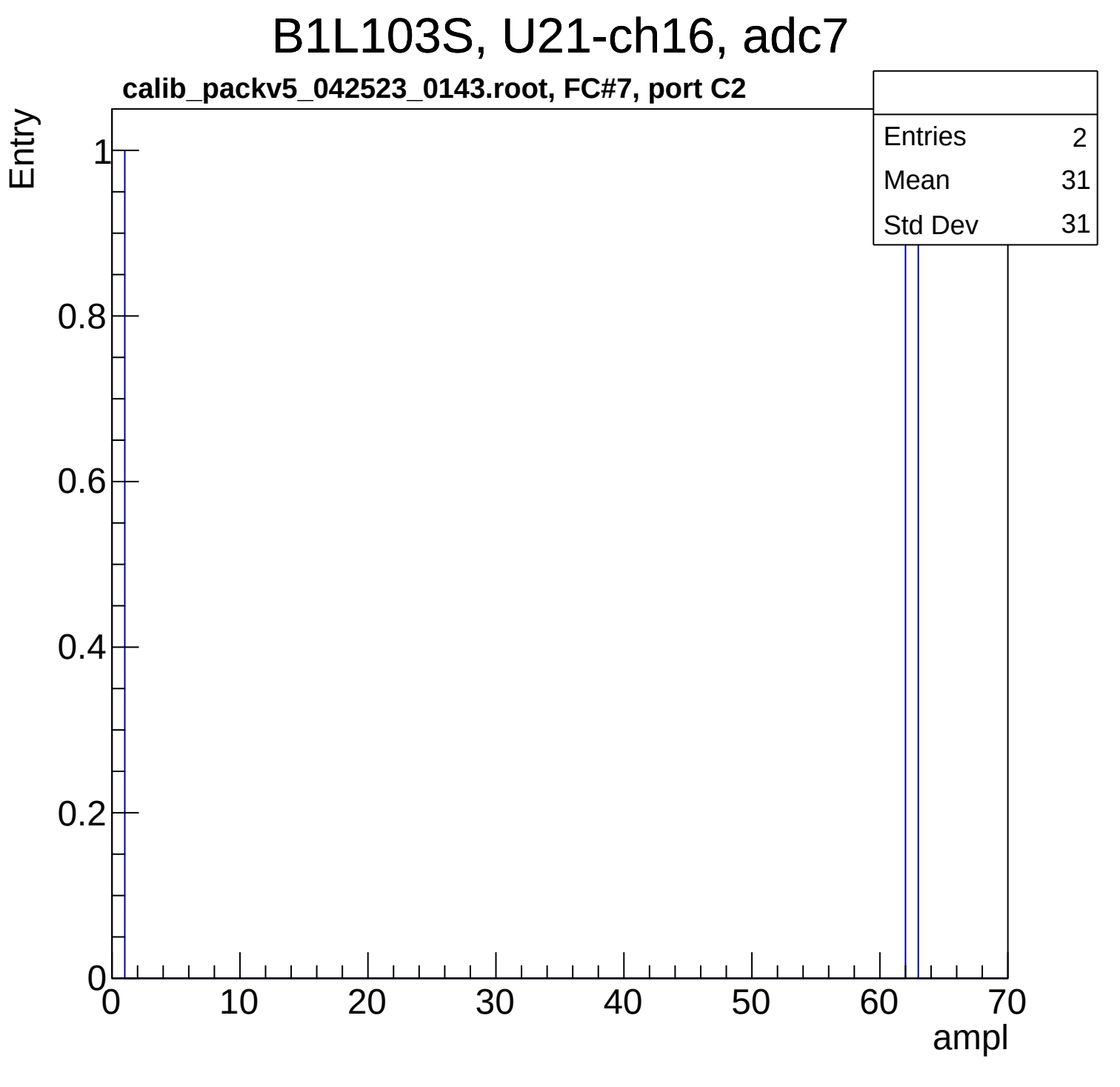
B1L103S, U21-ch16, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 31
Std Dev 31
Entry
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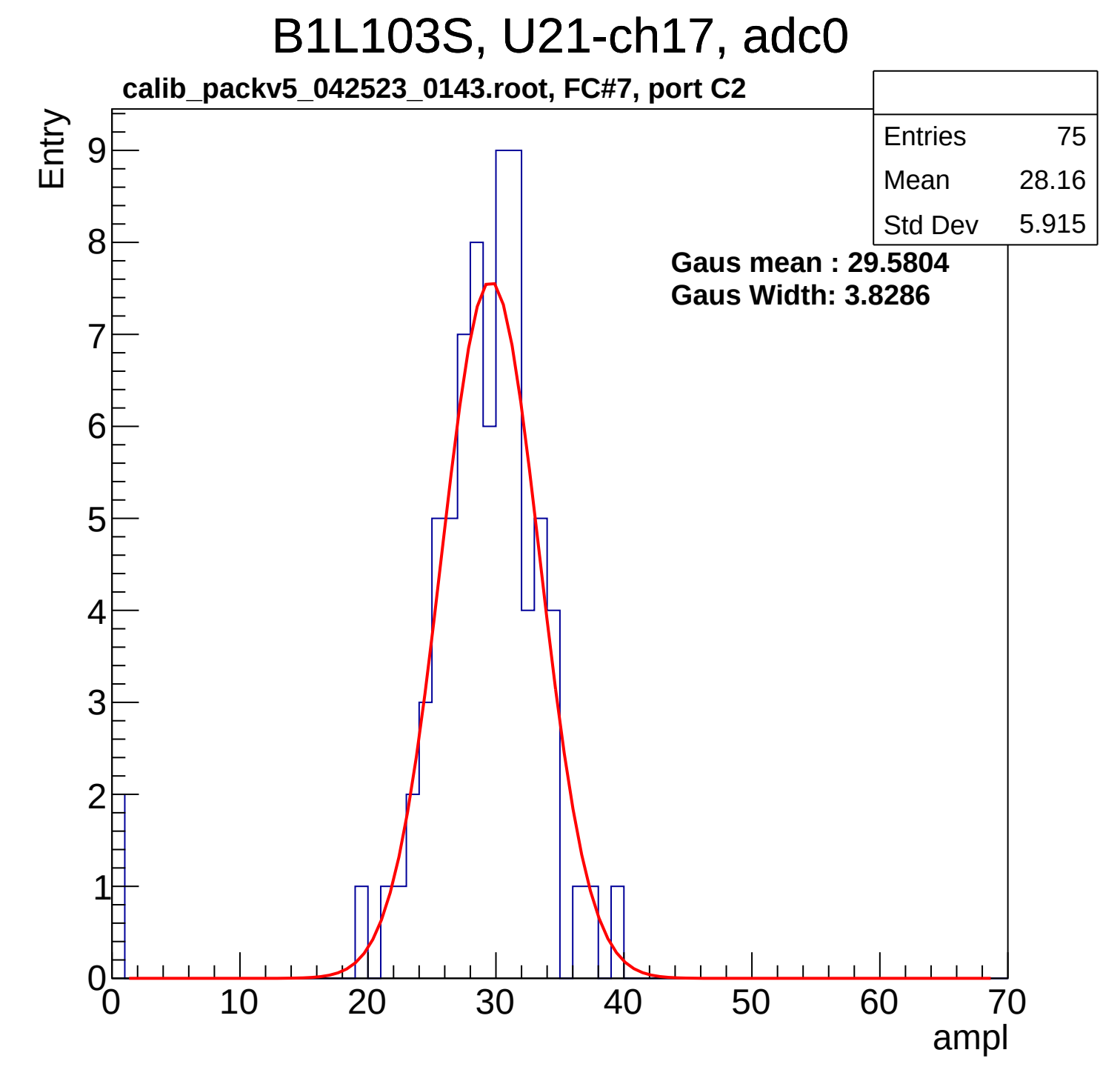
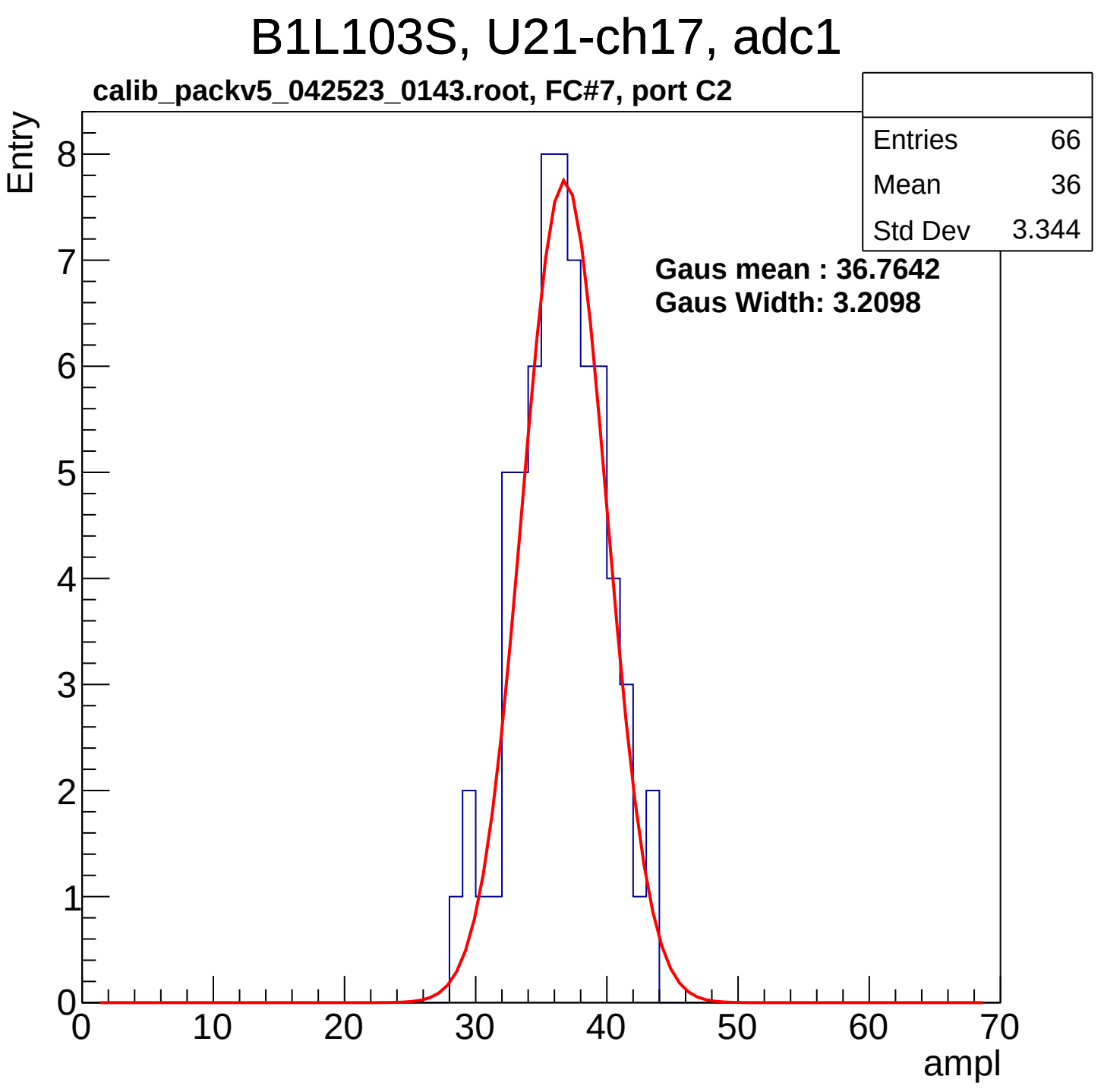
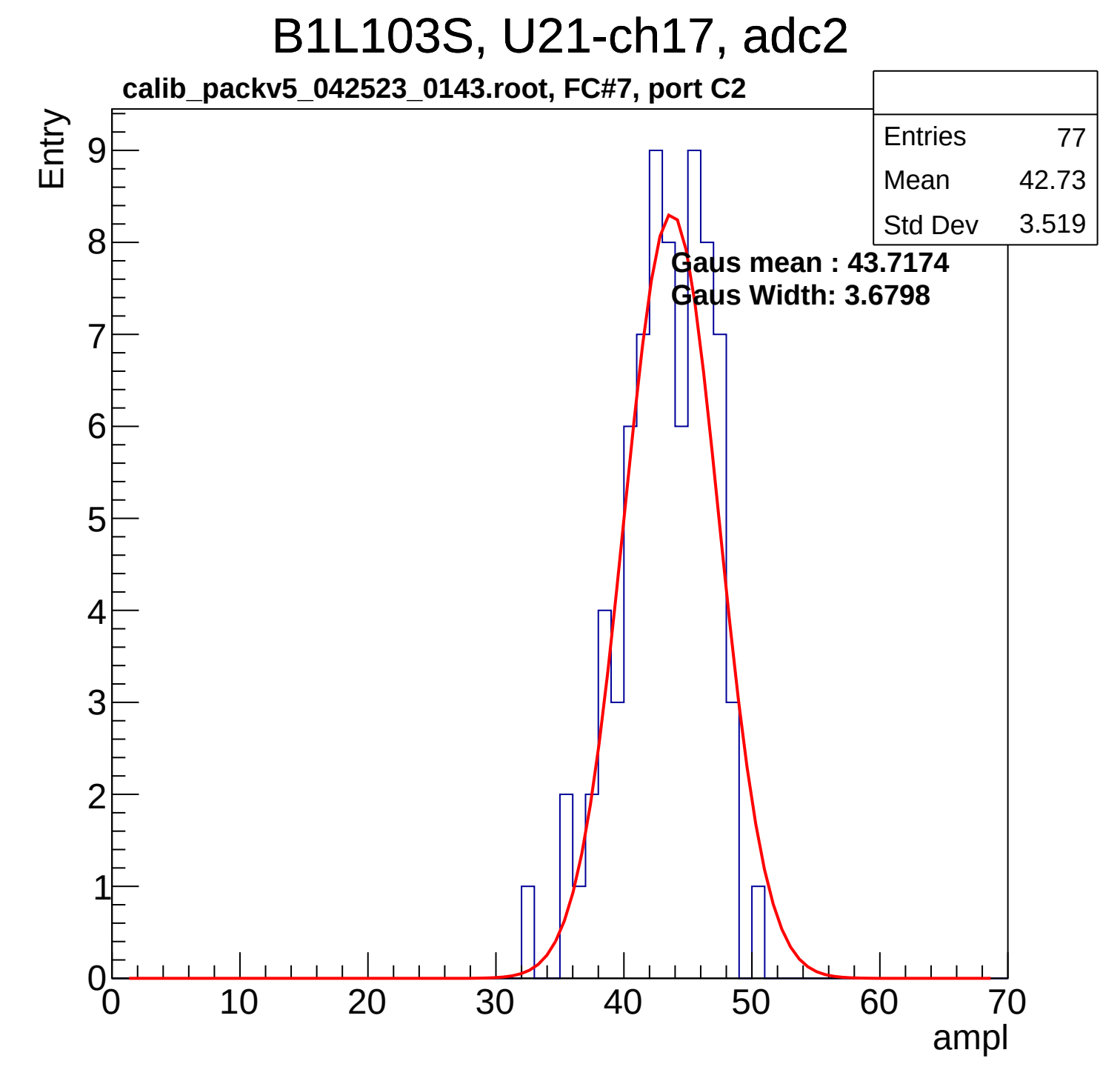
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch17, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 75
Mean 28.16
Std Dev 5.915
Gaus mean : 29.5804
Gaus Width: 3.8286
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch17, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 36
Std Dev 3.344
Gaus mean : 36.7642
Gaus Width: 3.2098
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch17, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 77
Mean 42.73
Std Dev 3.519
Gaus mean : 43.7174
Gaus Width: 3.6798
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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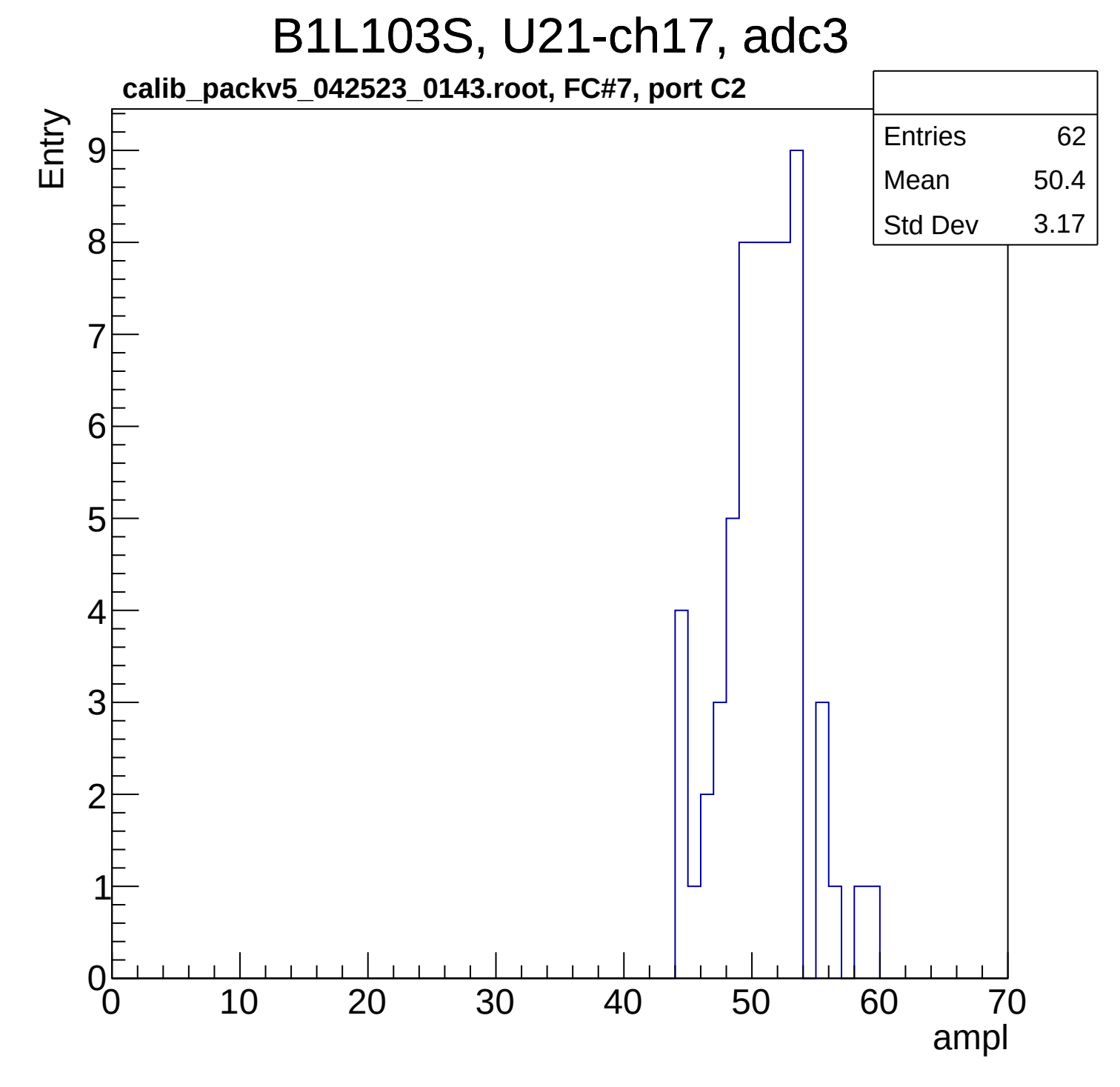
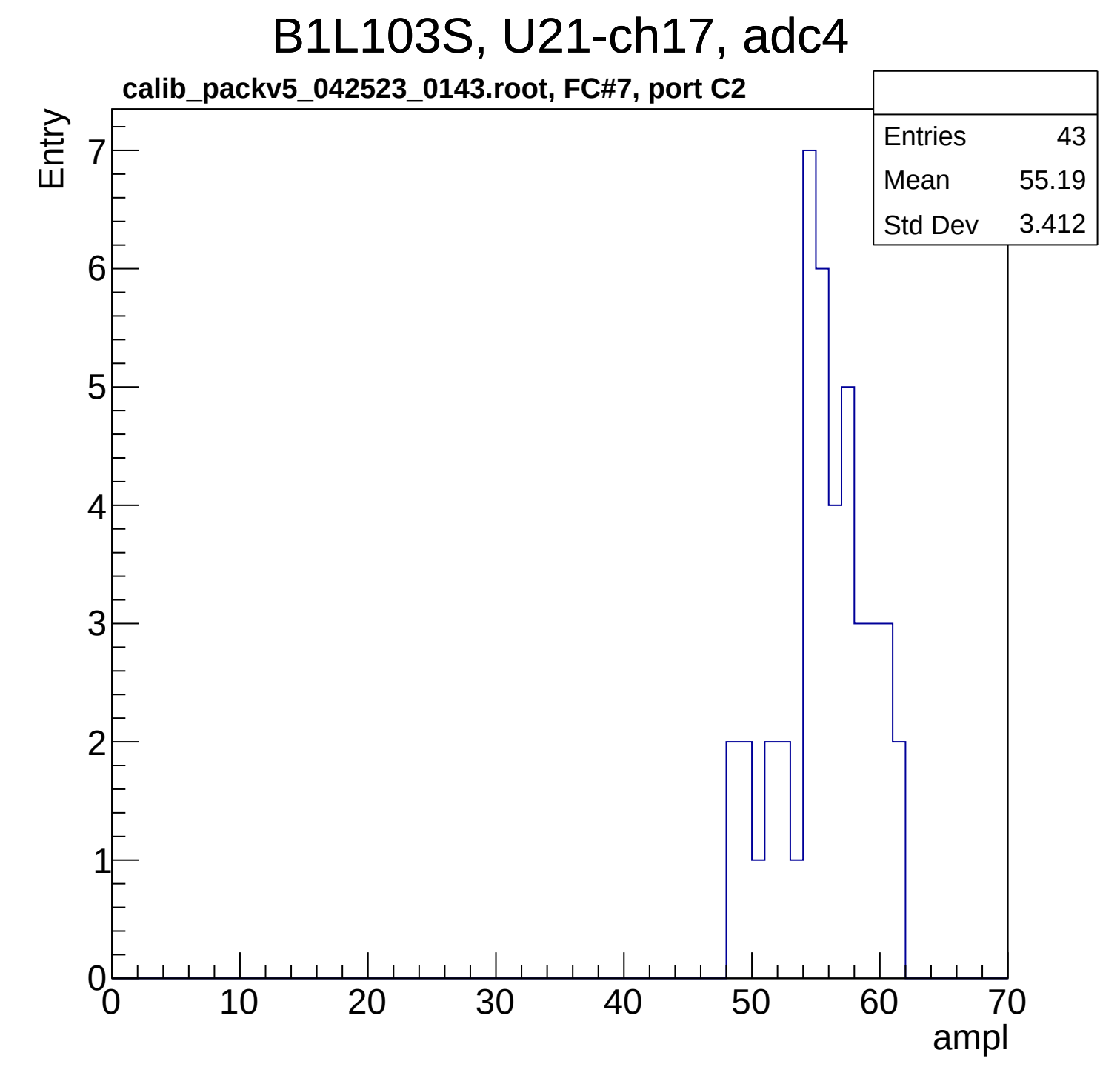

B1L103S, U21-ch17, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 50.4
Std Dev 3.17
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch17, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 43
Mean 55.19
Std Dev 3.412
Entry
ampl
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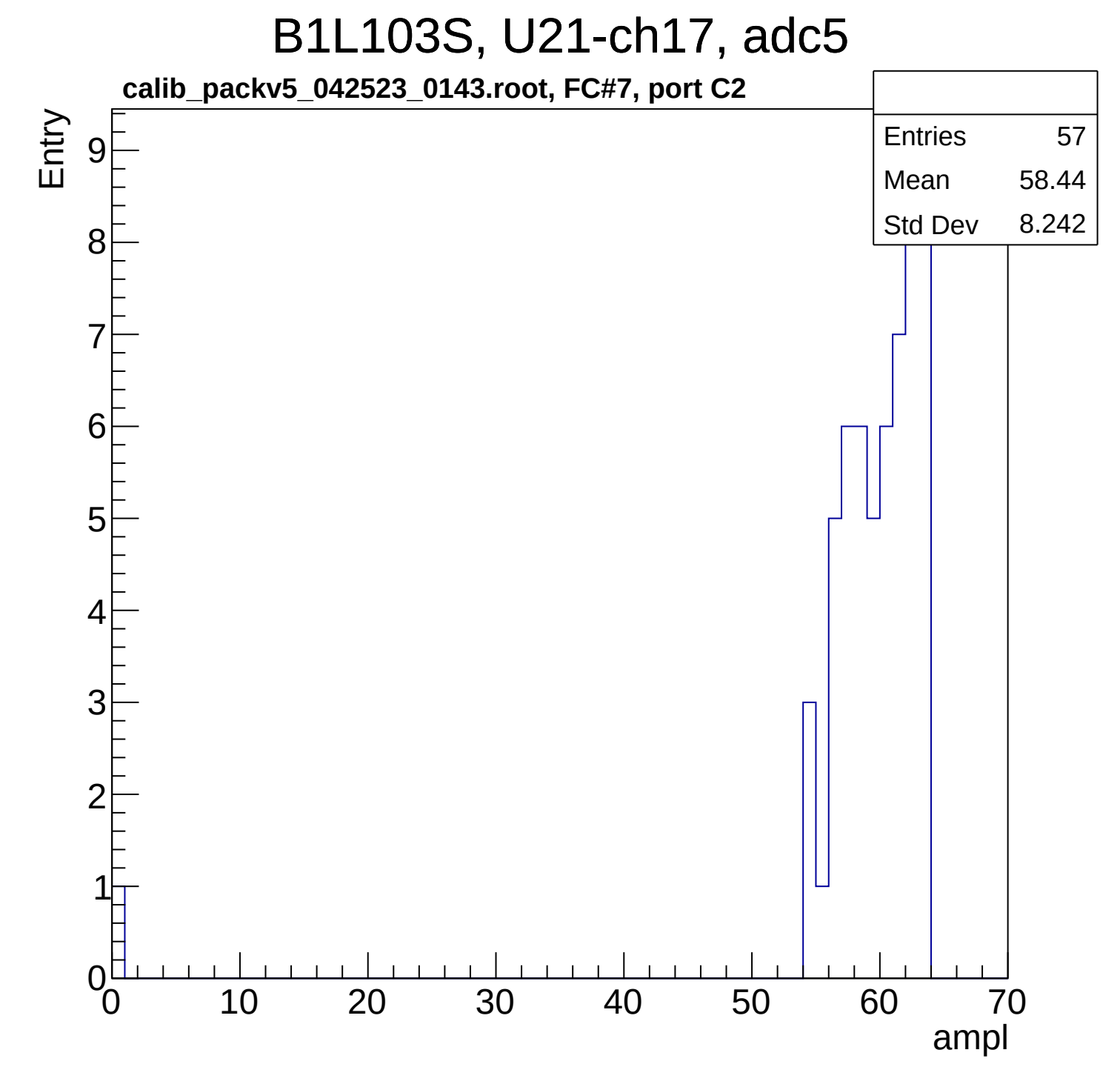
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch17, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 58.44
Std Dev 8.242
Entry
ampl
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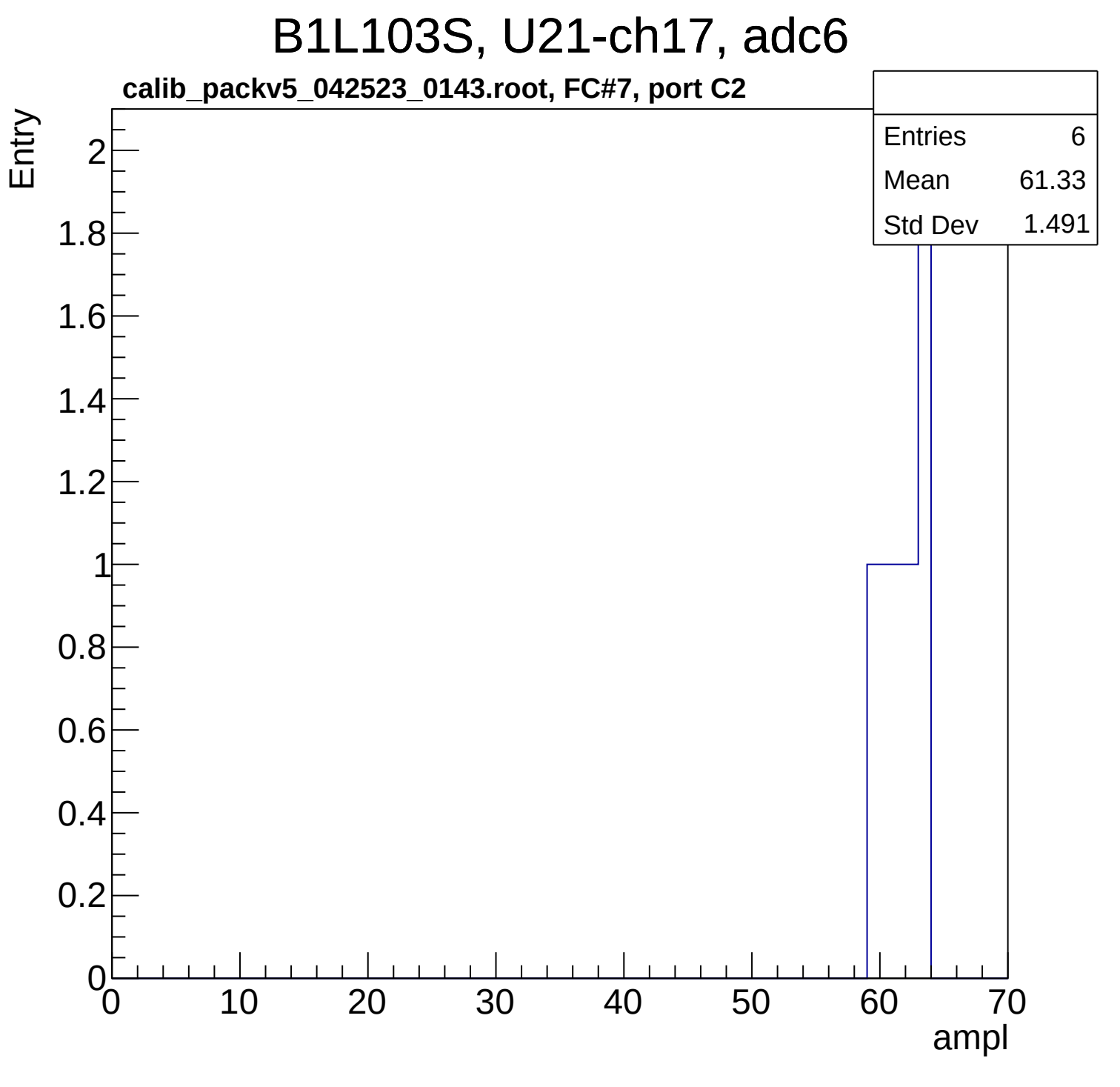
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch17, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 6
Mean 61.33
Std Dev 1.491
Entry
ampl
0
0.2
0.4
0.6
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1
1.2
1.4
1.6
1.8
2
0
10
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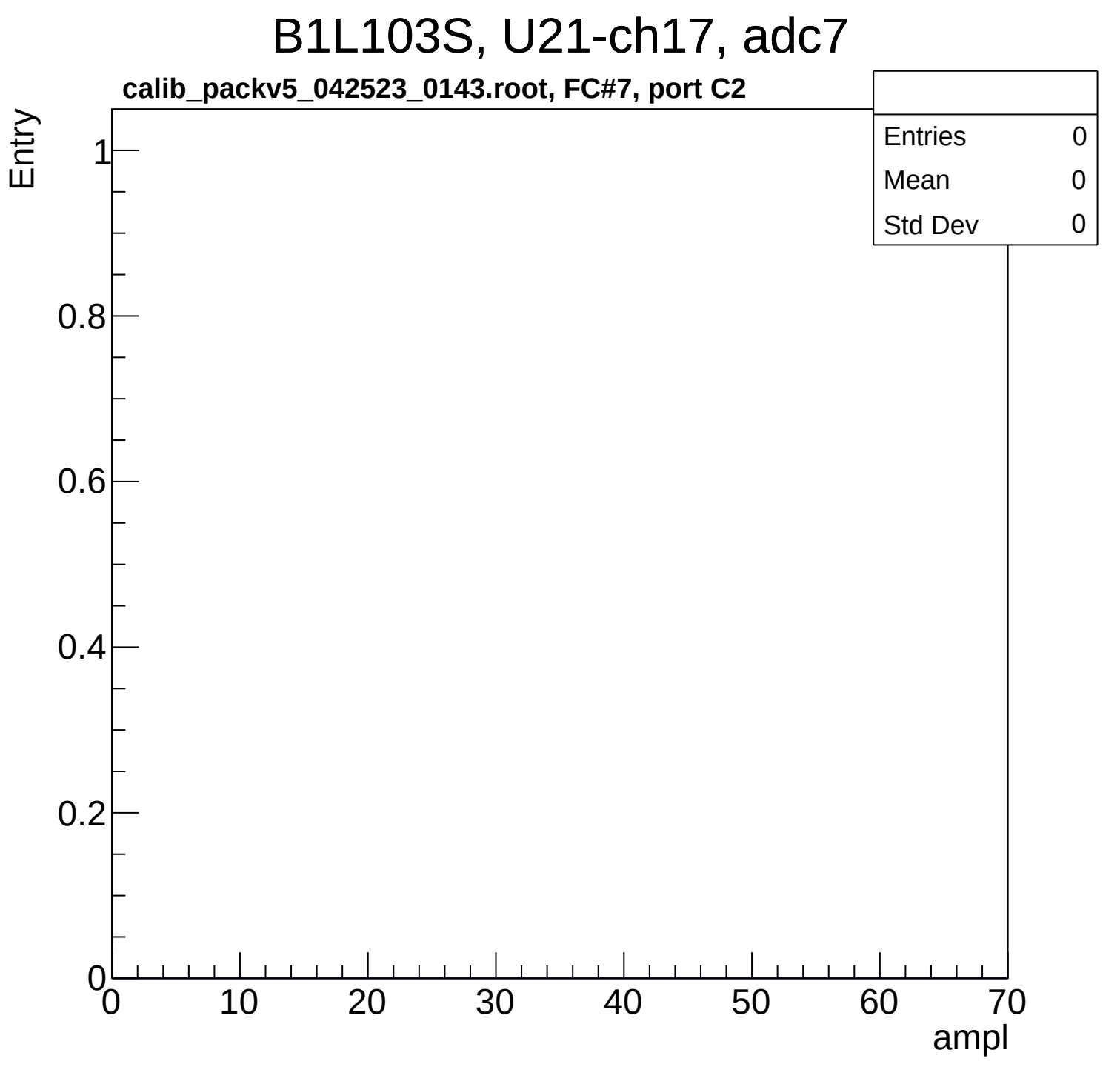
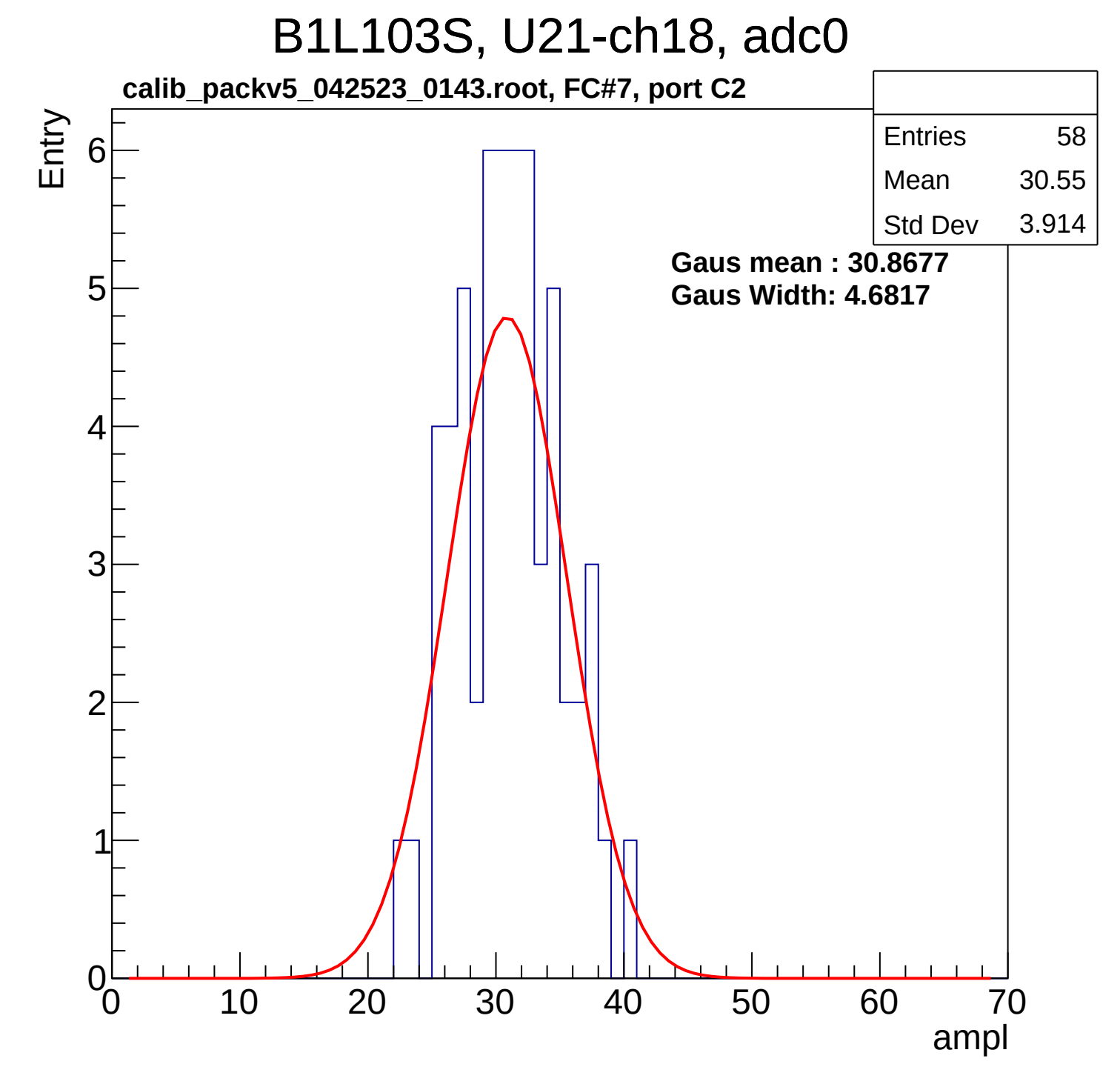
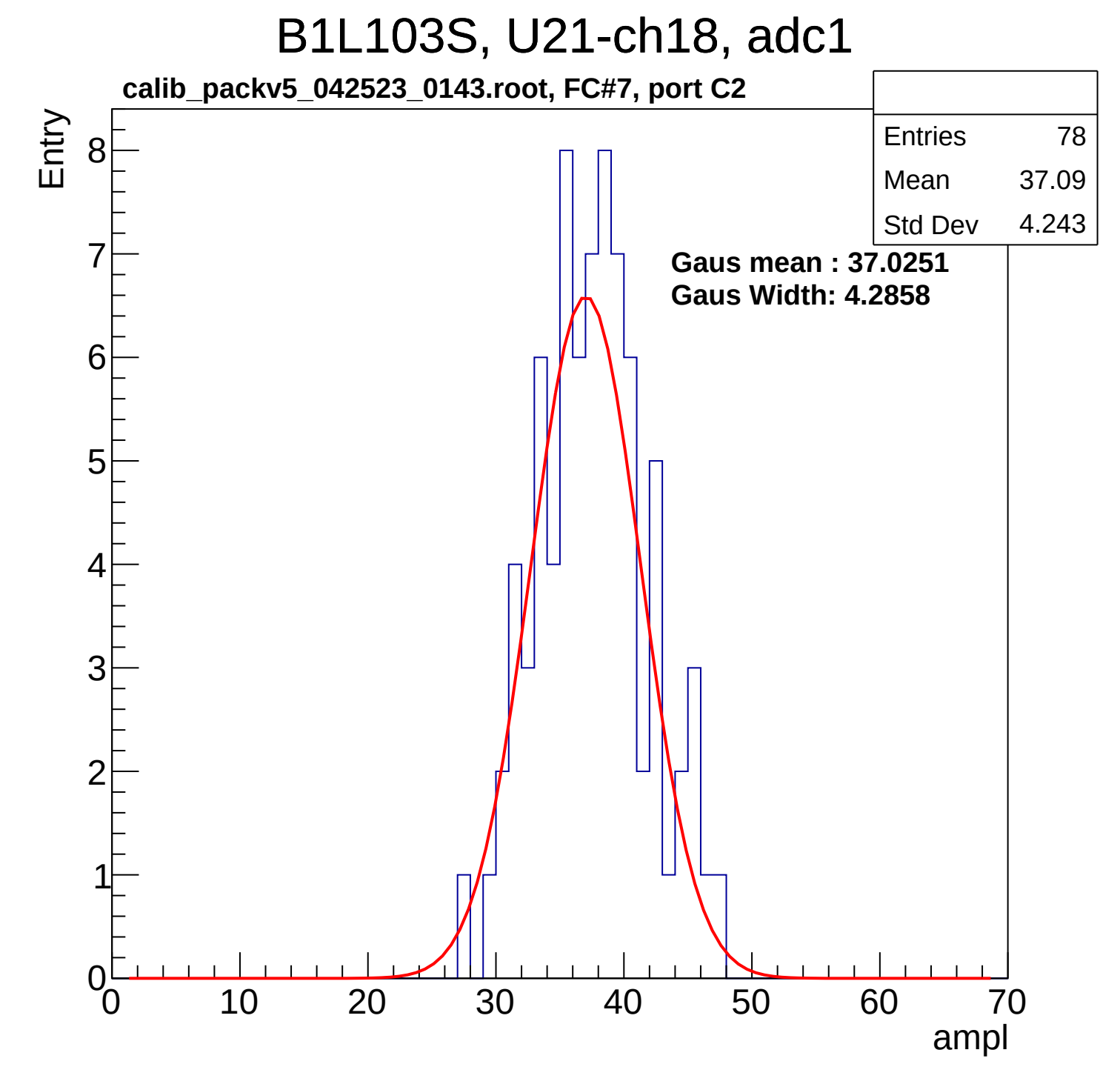
40
50
60
70


B1L103S, U21-ch17, 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, U21-ch18, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 30.55
Std Dev 3.914
Gaus mean : 30.8677
Gaus Width: 4.6817
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L103S, U21-ch18, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 78
Mean 37.09
Std Dev 4.243
Gaus mean : 37.0251
Gaus Width: 4.2858
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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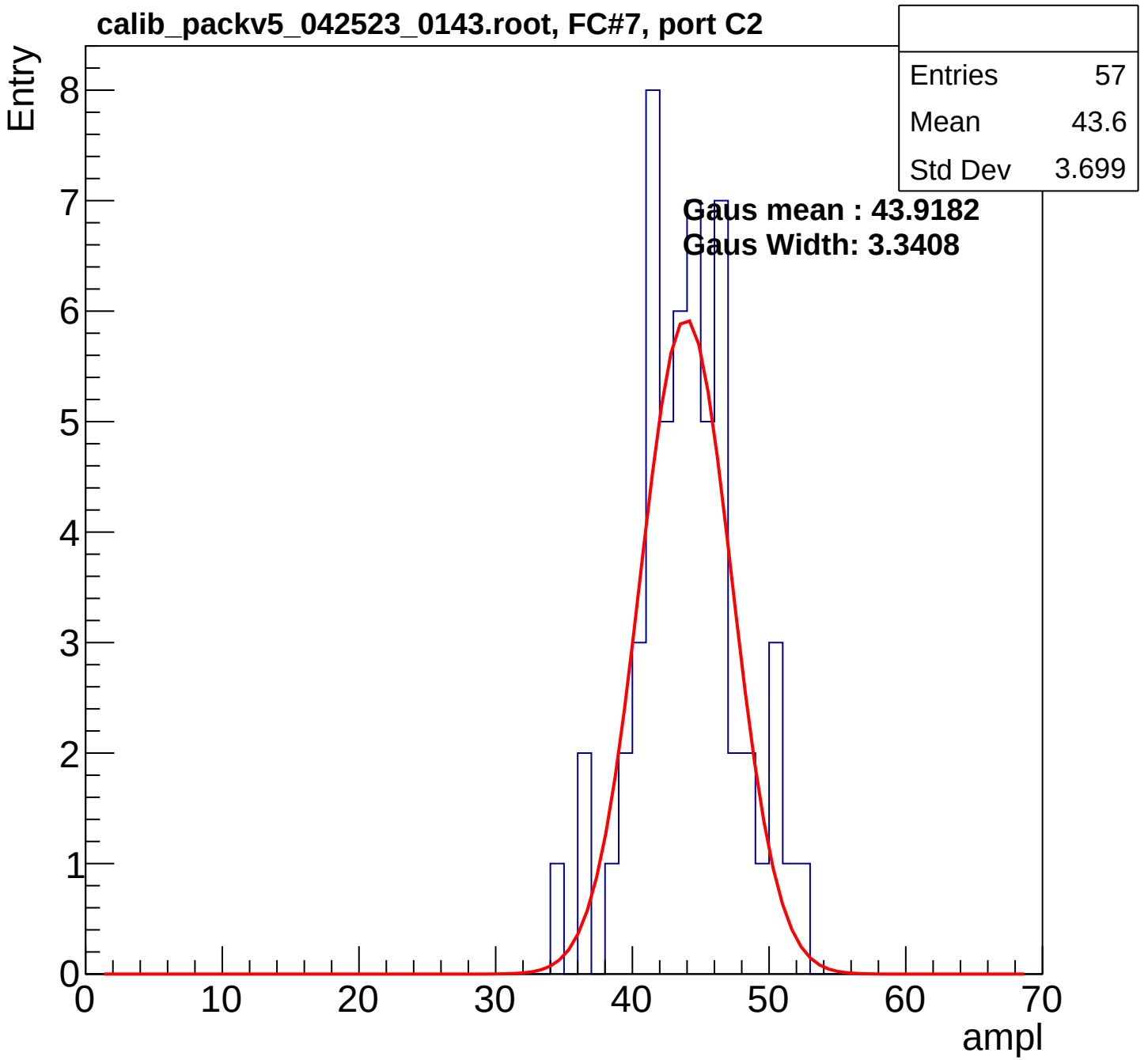
B1L103S, U21-ch18, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 43.6
Std Dev 3.699
Gaus mean : 43.9182
Gaus Width: 3.3408
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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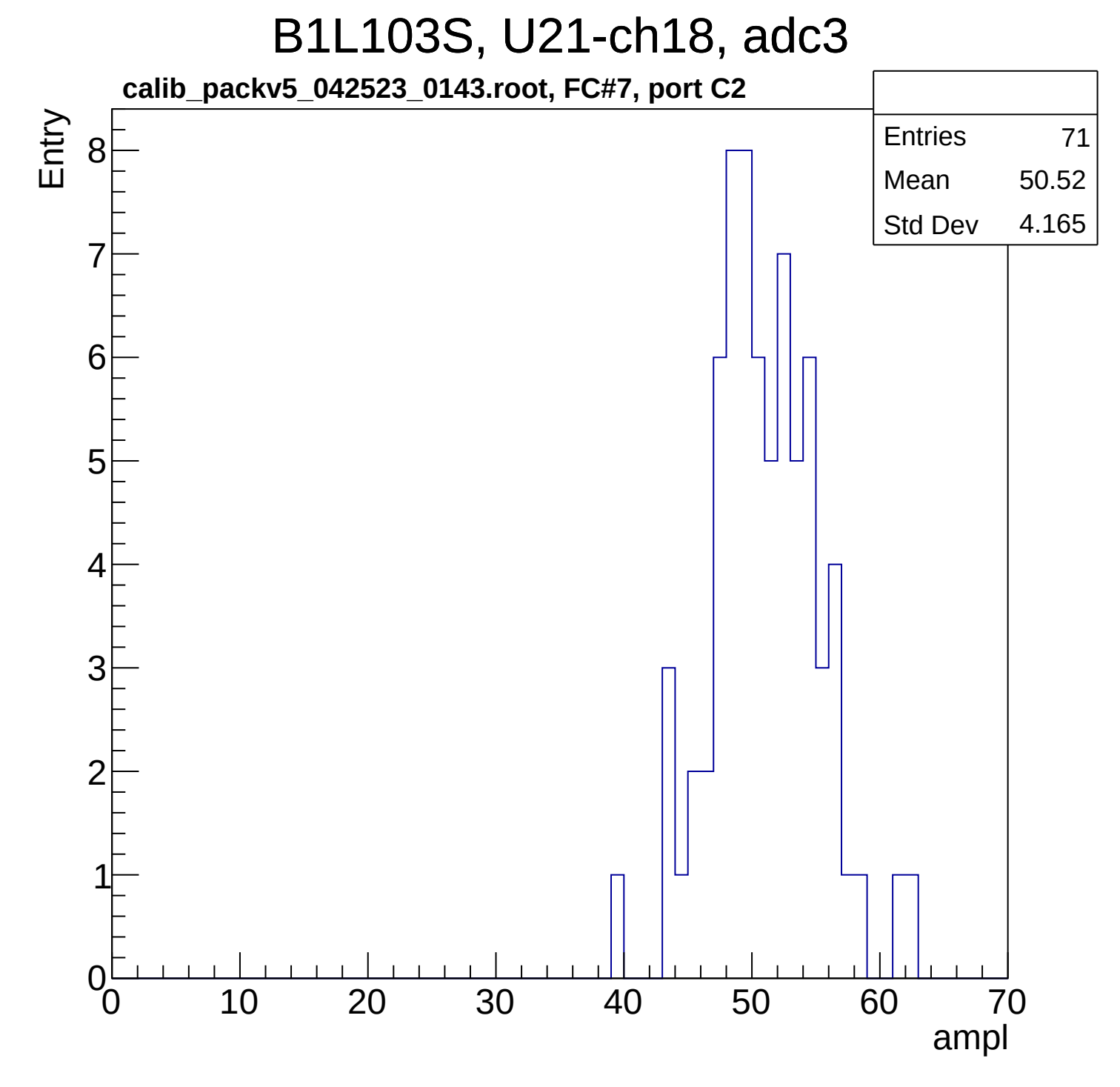
B1L103S, U21-ch18, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 50.52
Std Dev 4.165
Entry
ampl
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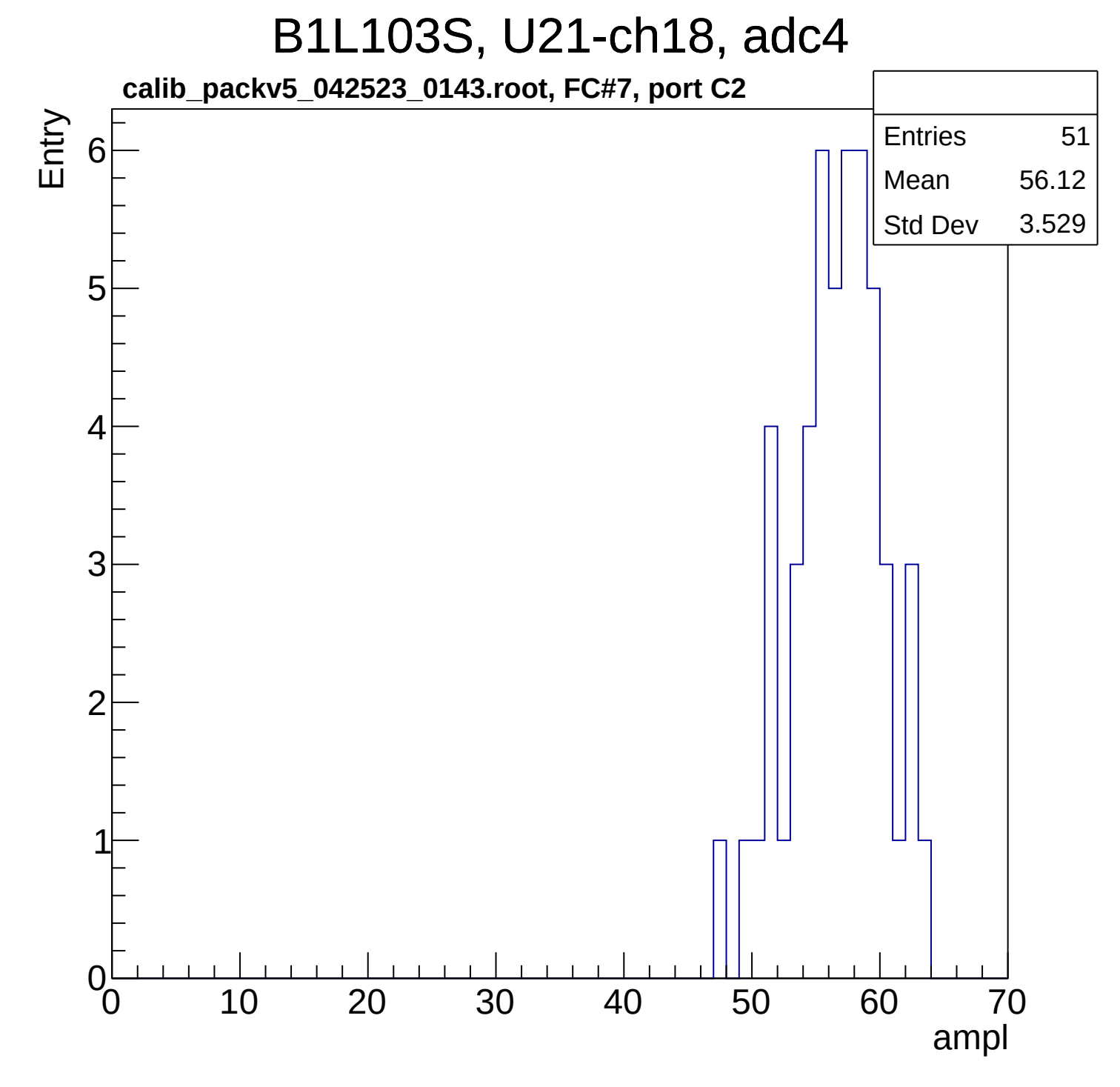
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch18, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 56.12
Std Dev 3.529
Entry
ampl
0
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2
3
4
5
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0
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40
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60
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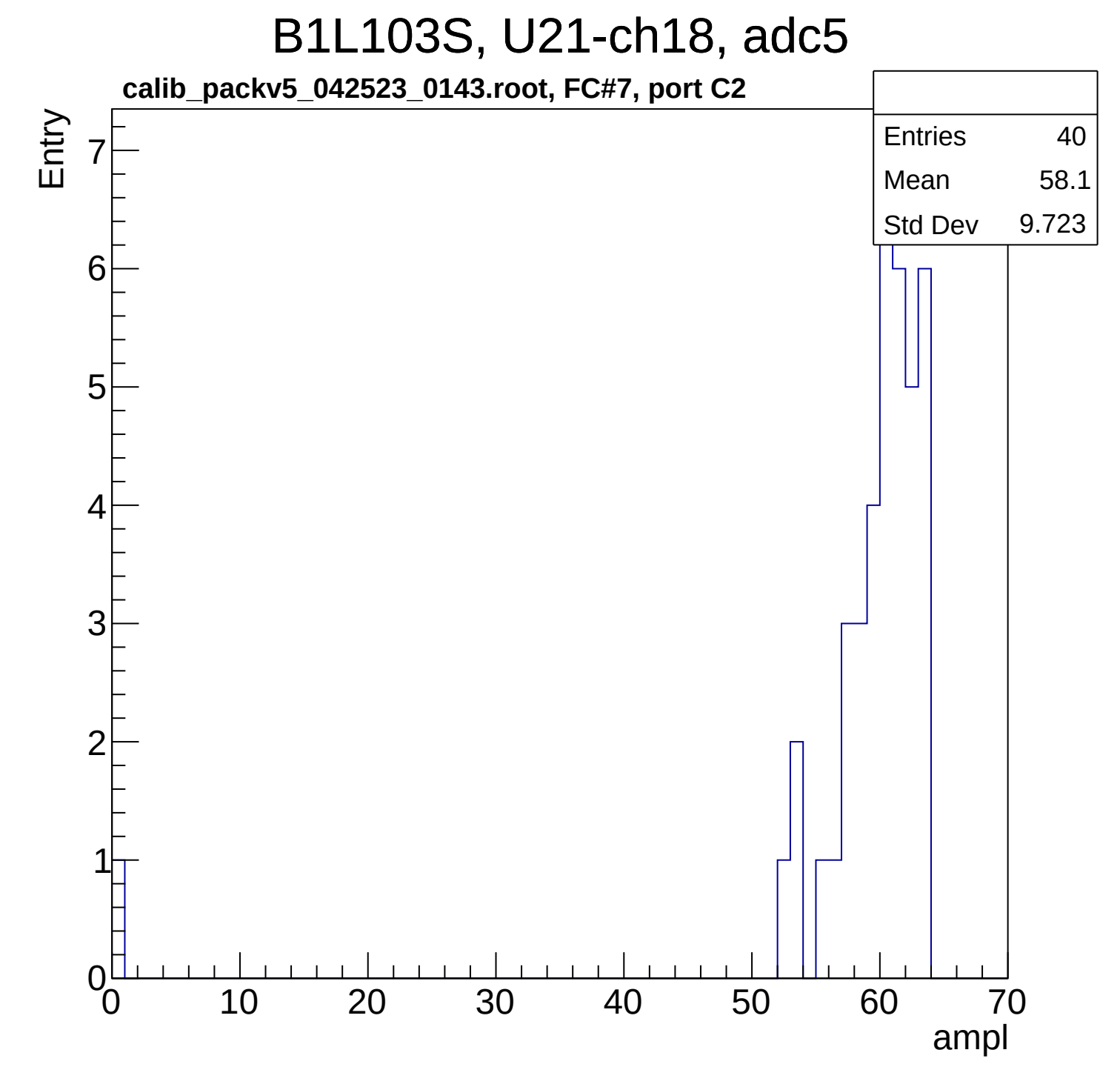
B1L103S, U21-ch18, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 40
Mean 58.1
Std Dev 9.723
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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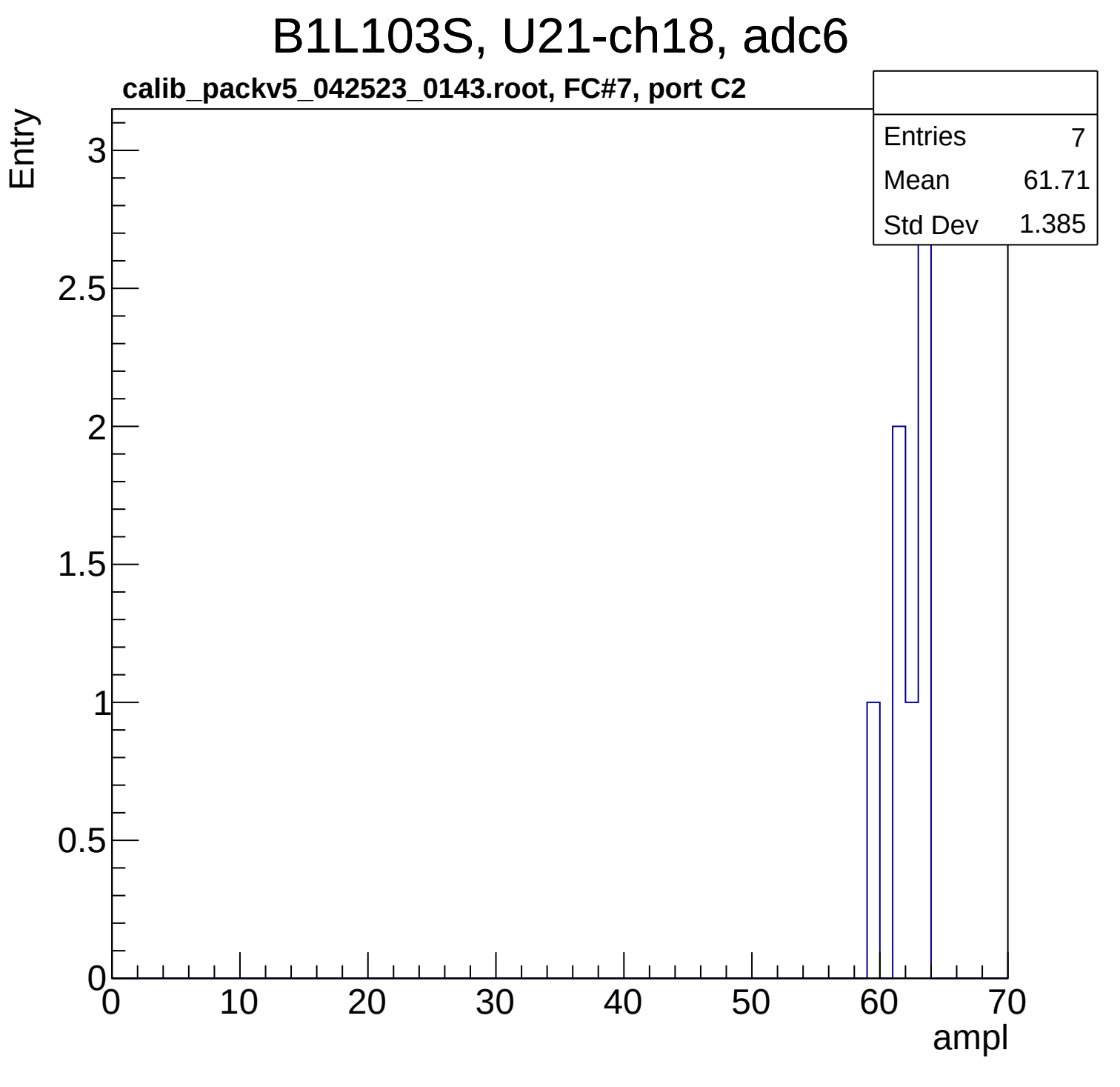
B1L103S, U21-ch18, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 7
Mean 61.71
Std Dev 1.385
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
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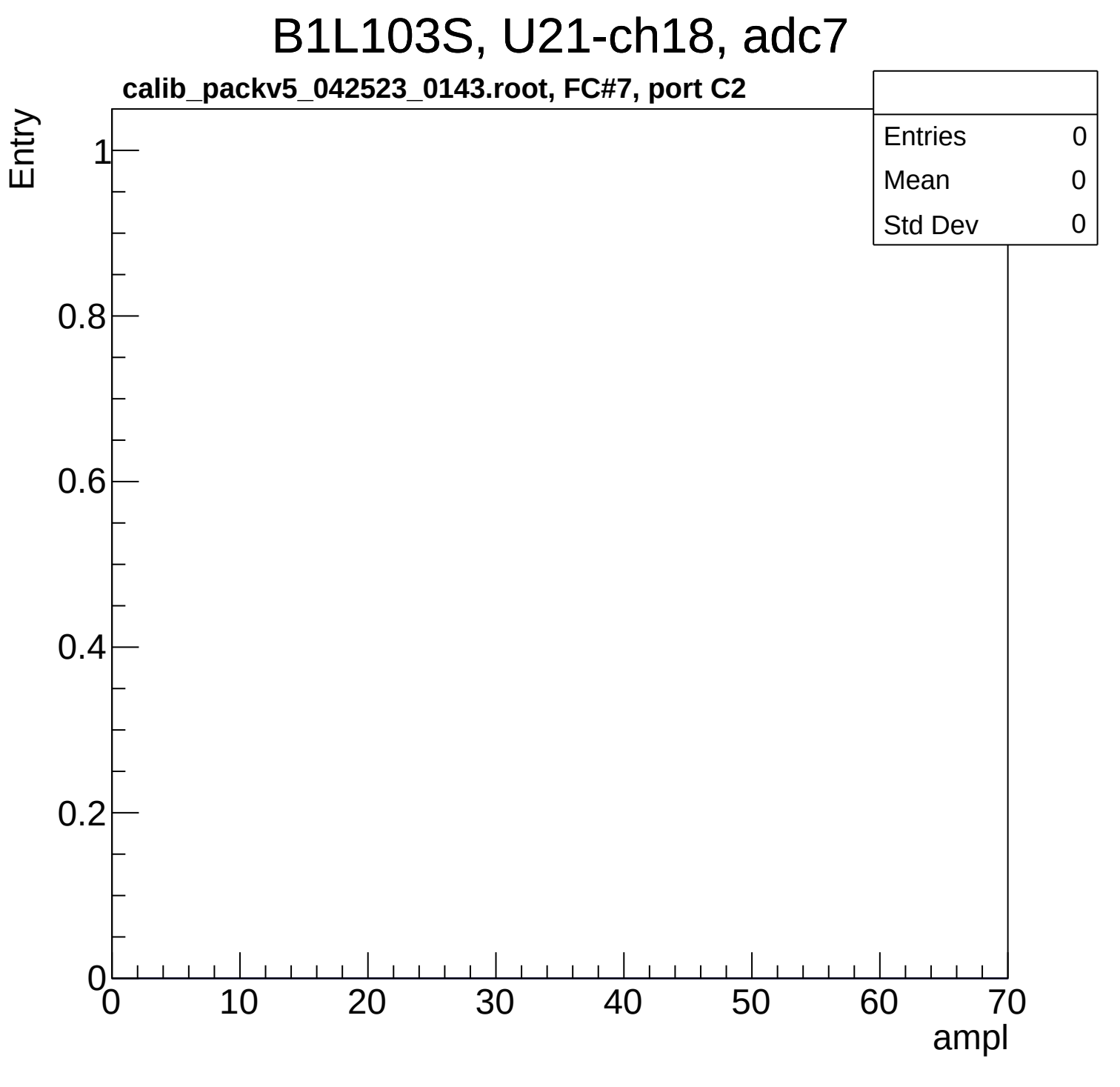
B1L103S, U21-ch18, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
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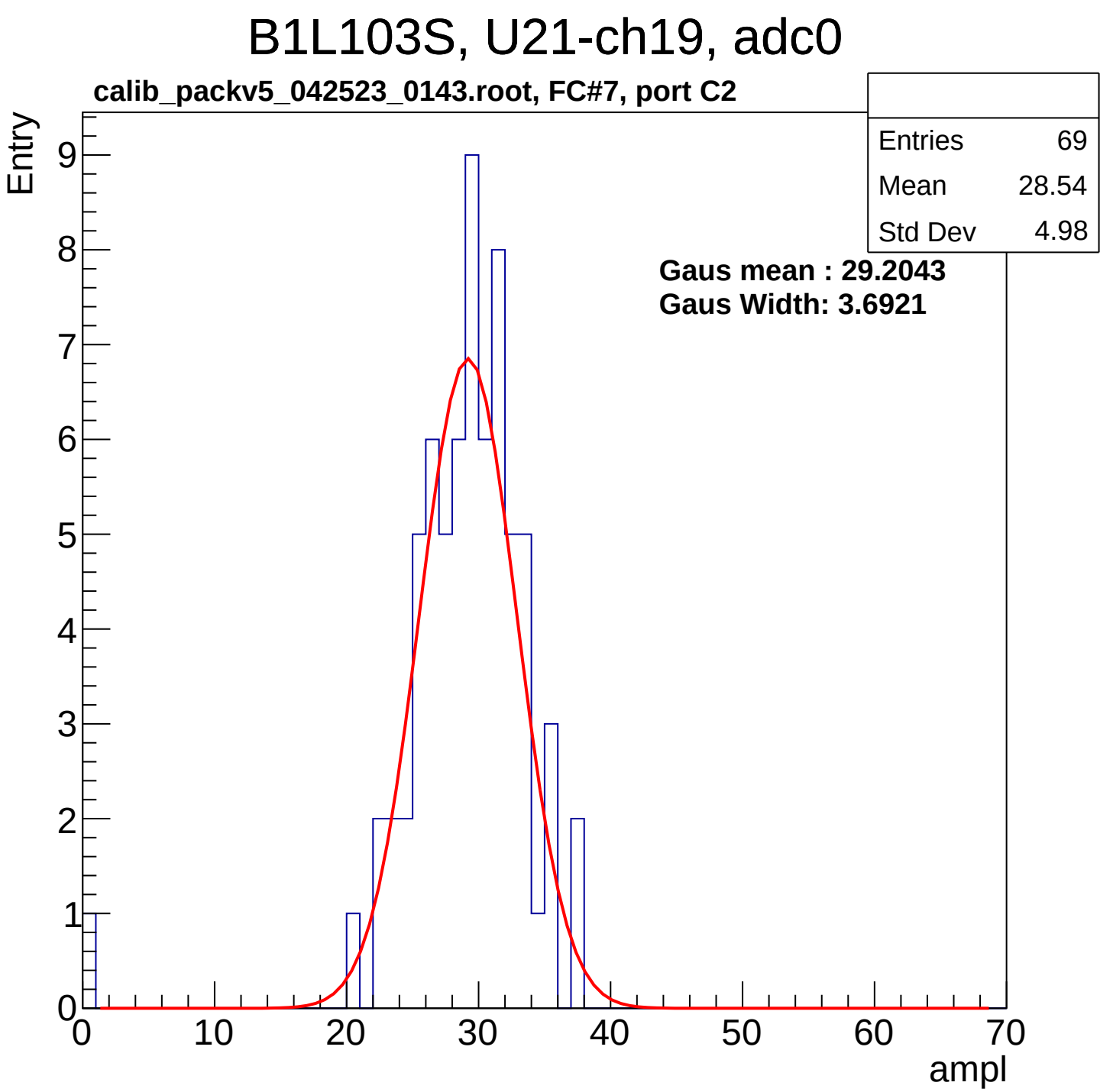
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch19, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 28.54
Std Dev 4.98
Gaus mean : 29.2043
Gaus Width: 3.6921
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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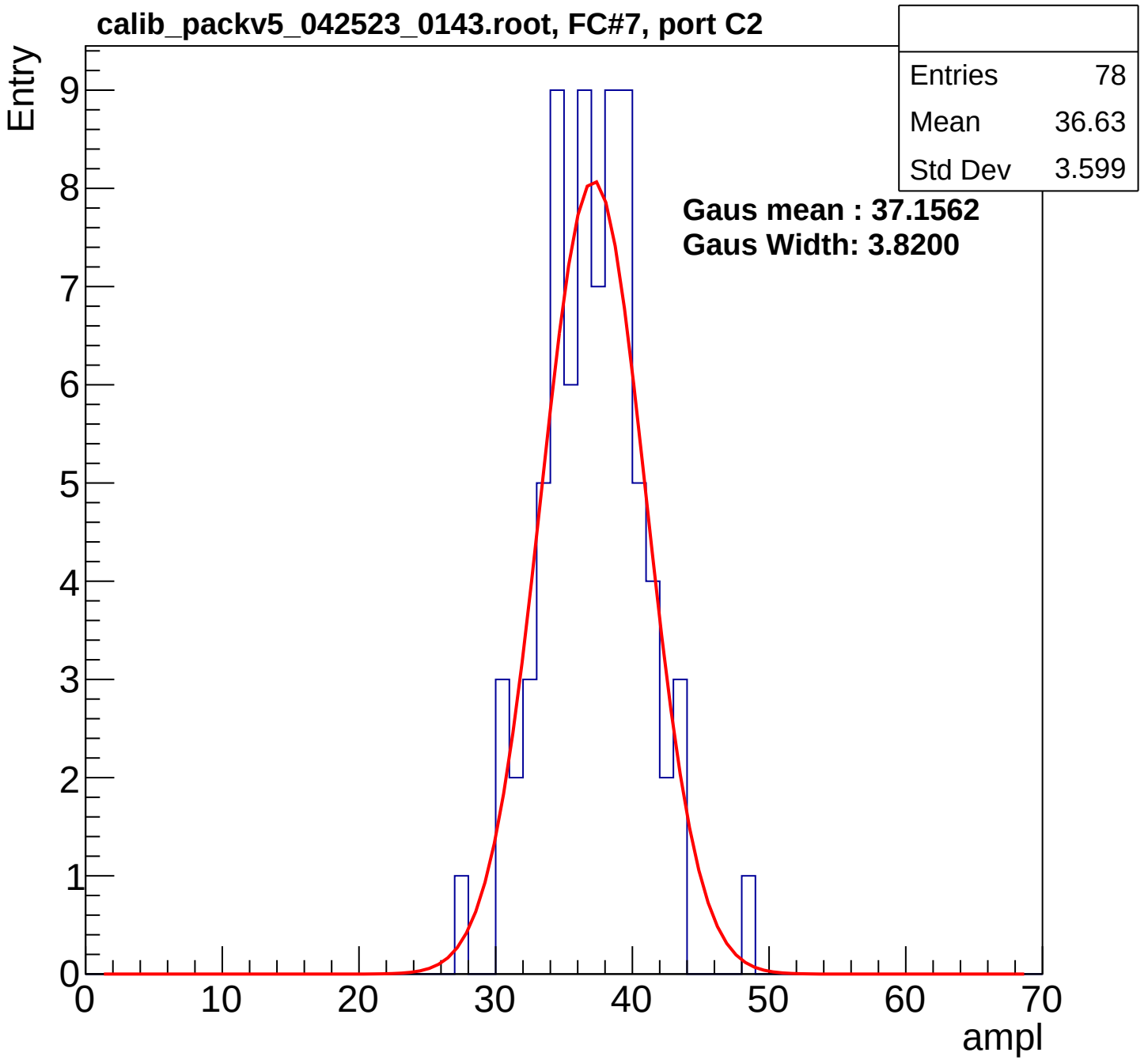
B1L103S, U21-ch19, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 78
Mean 36.63
Std Dev 3.599
Gaus mean : 37.1562
Gaus Width: 3.8200
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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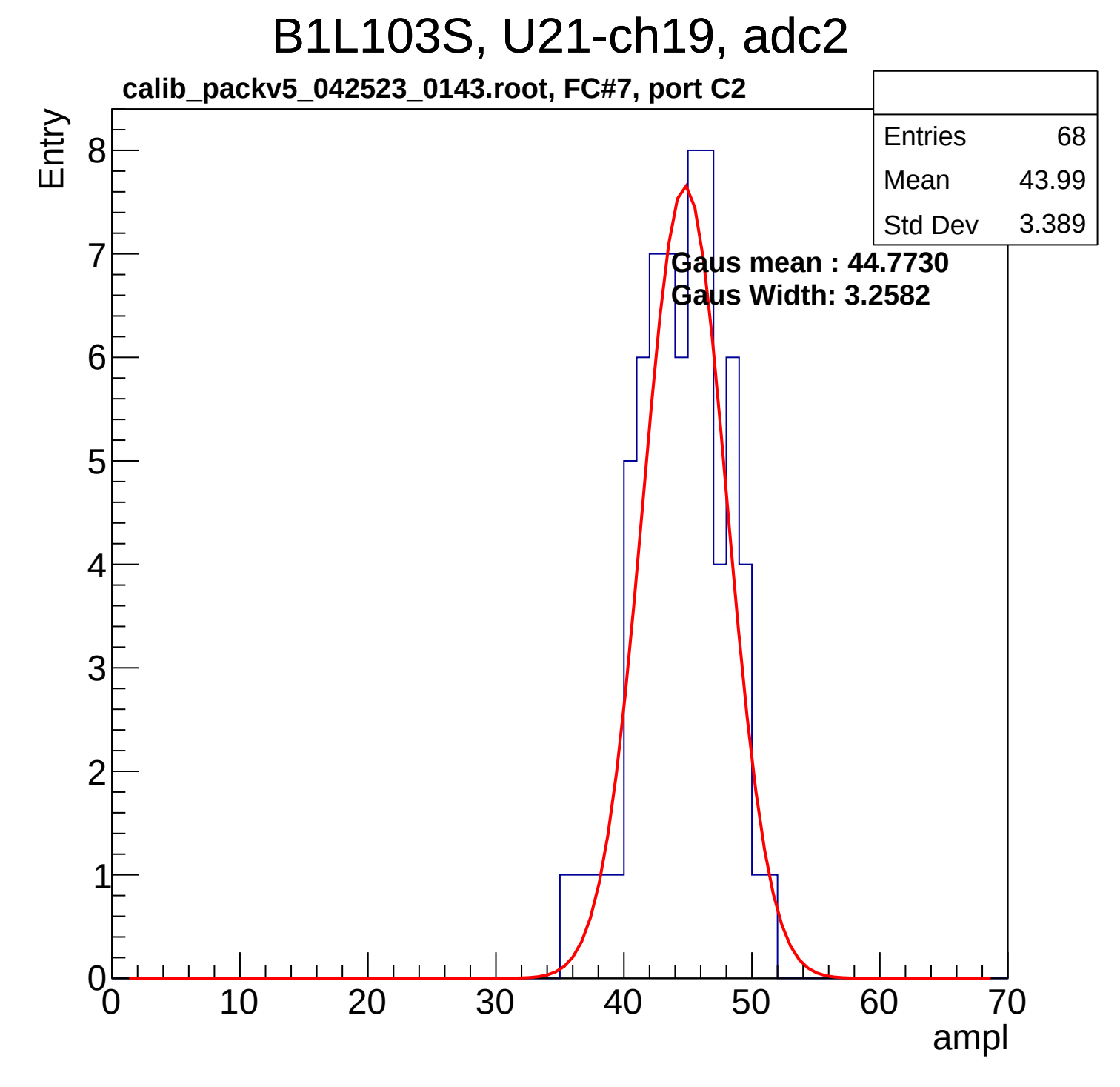
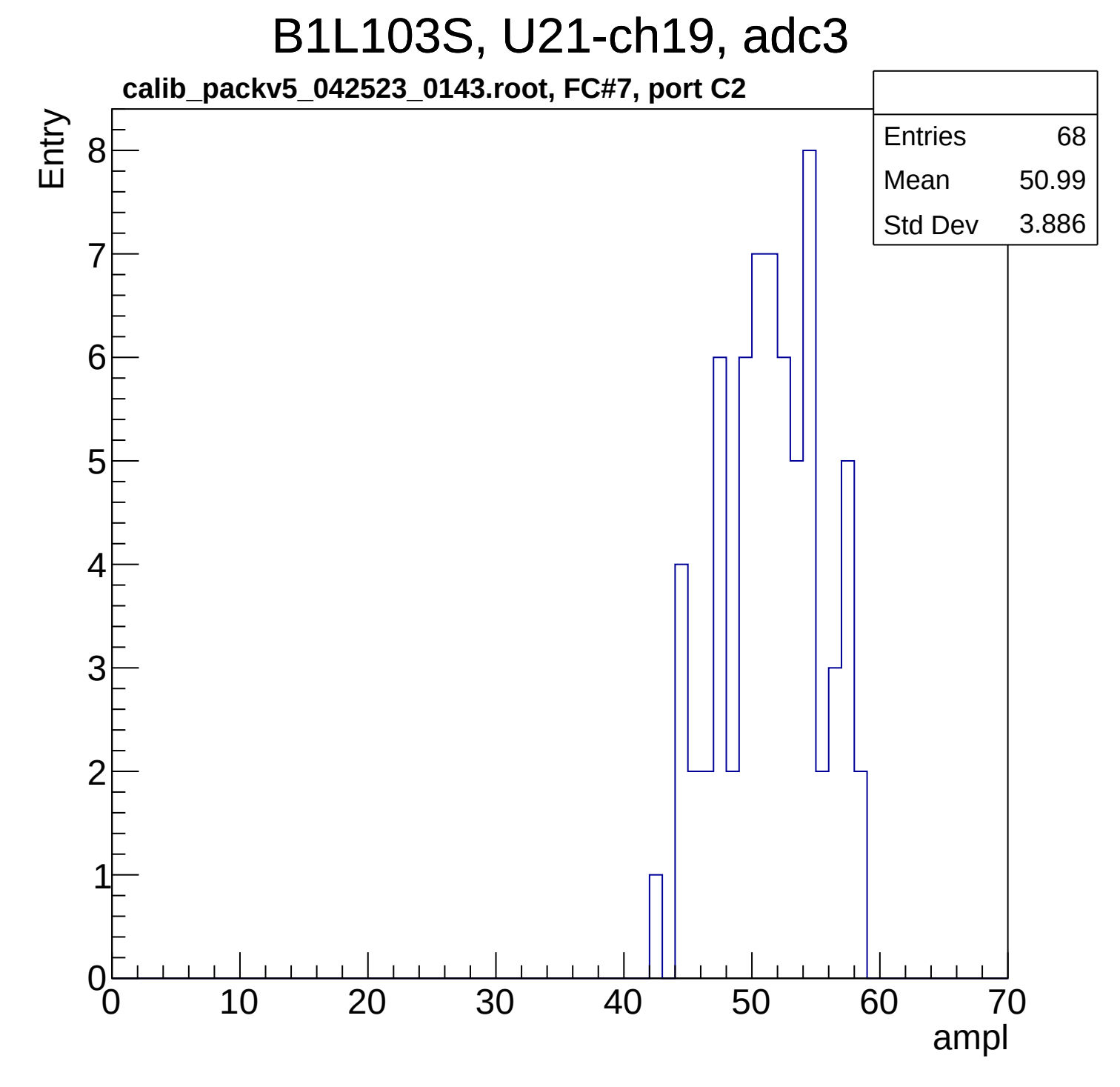

B1L103S, U21-ch19, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 43.99
Std Dev 3.389
Gaus mean : 44.7730
Gaus Width: 3.2582
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch19, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 50.99
Std Dev 3.886
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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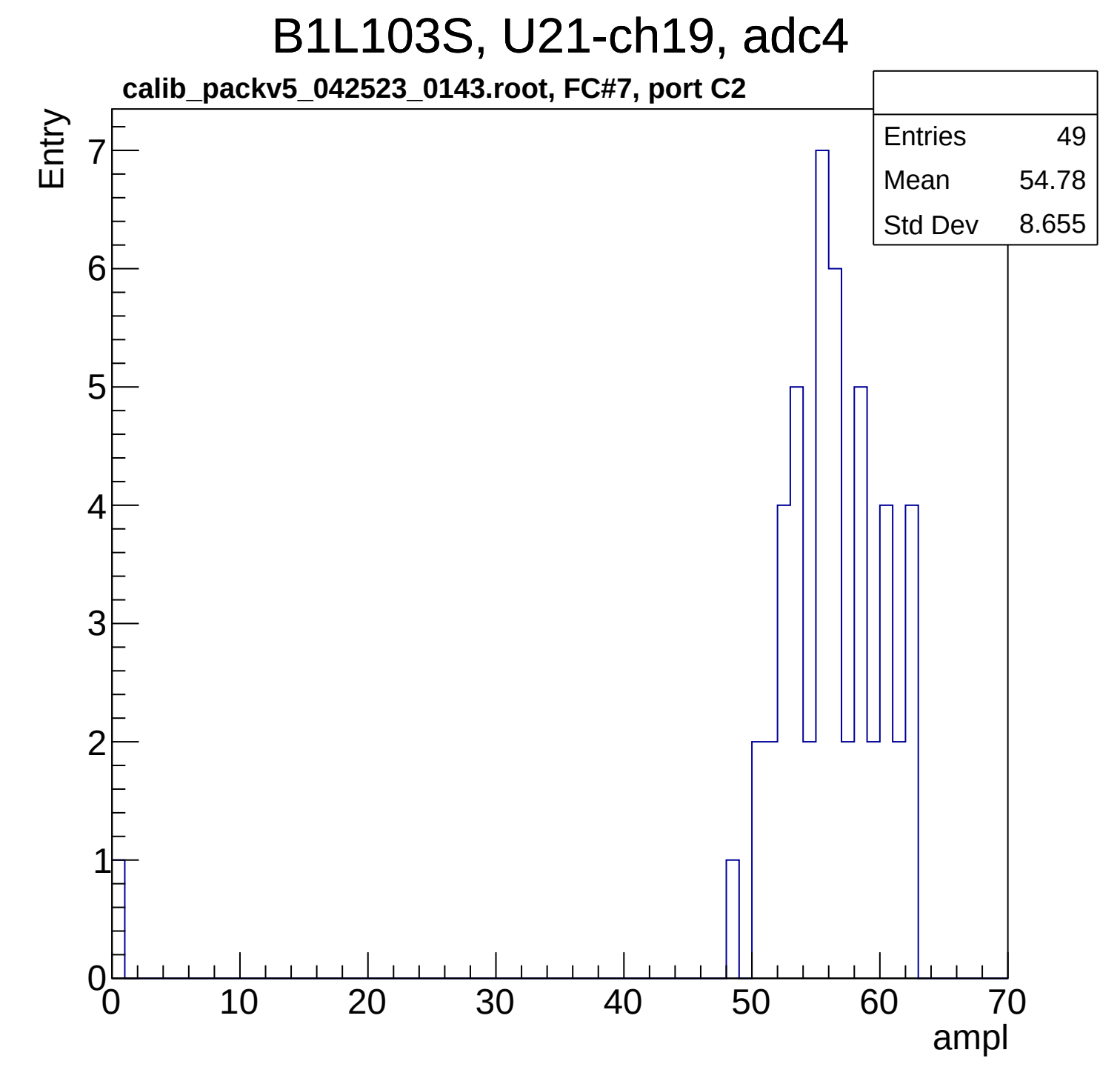
B1L103S, U21-ch19, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 54.78
Std Dev 8.655
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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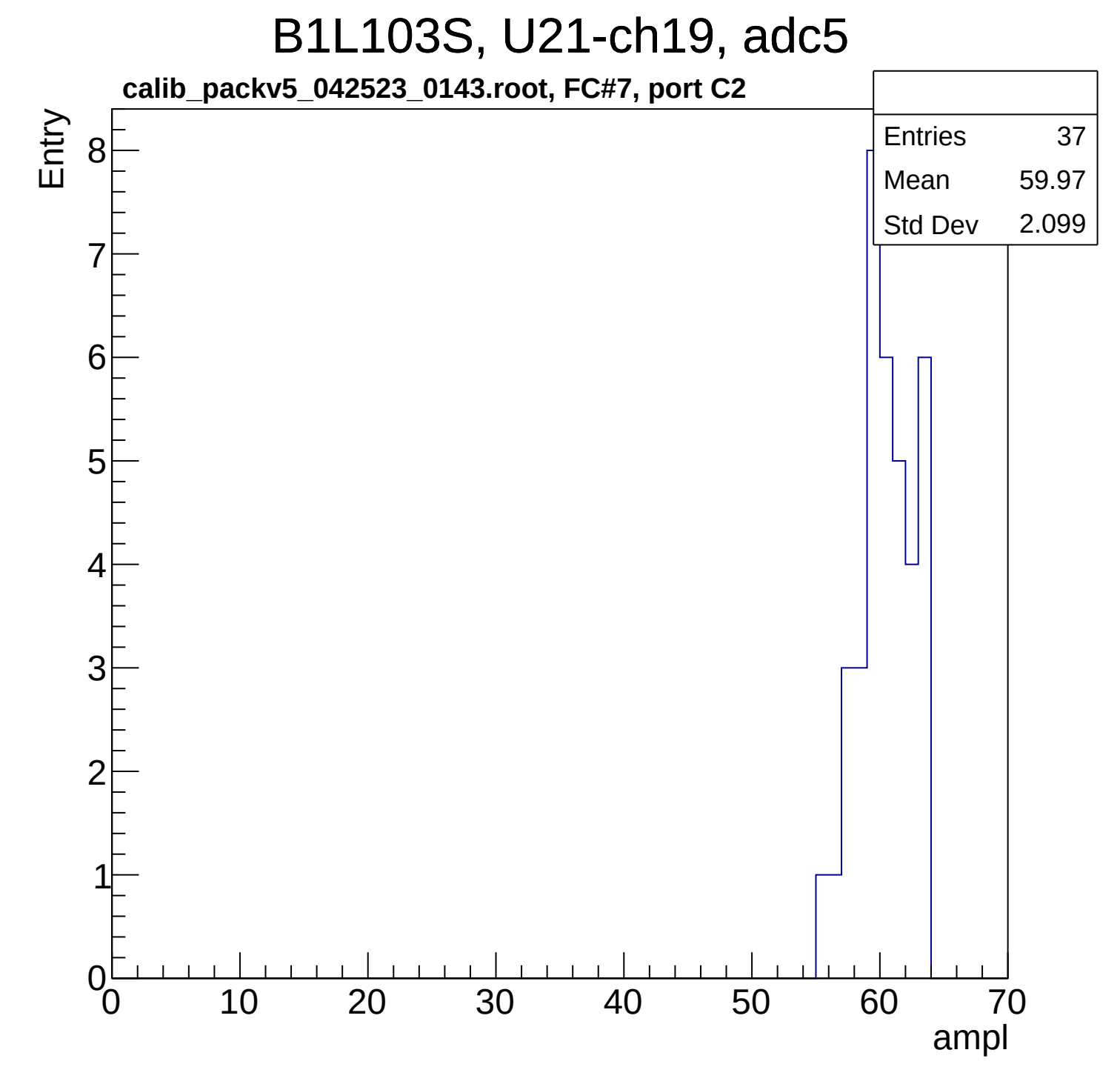
B1L103S, U21-ch19, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 37
Mean 59.97
Std Dev 2.099
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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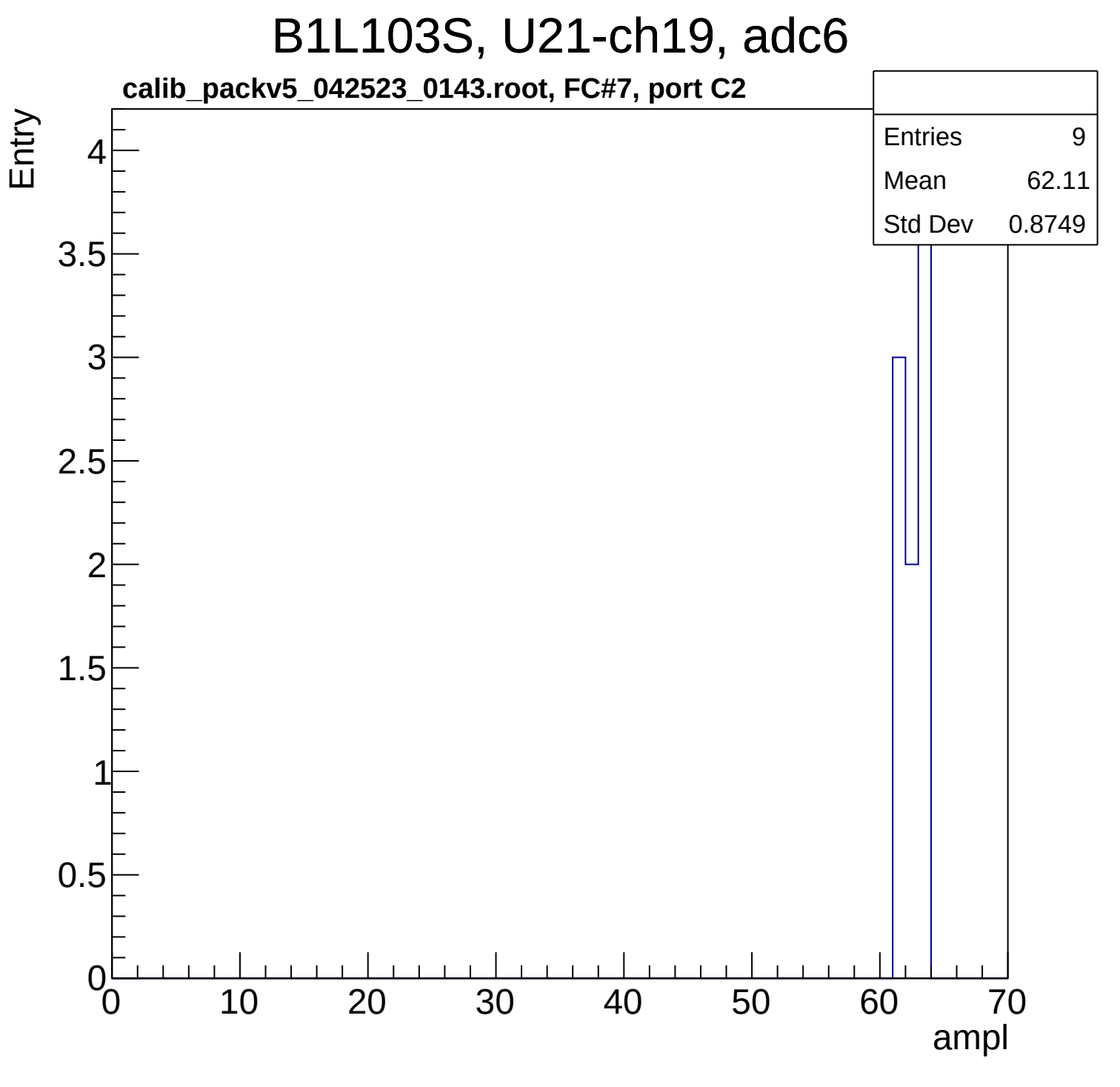
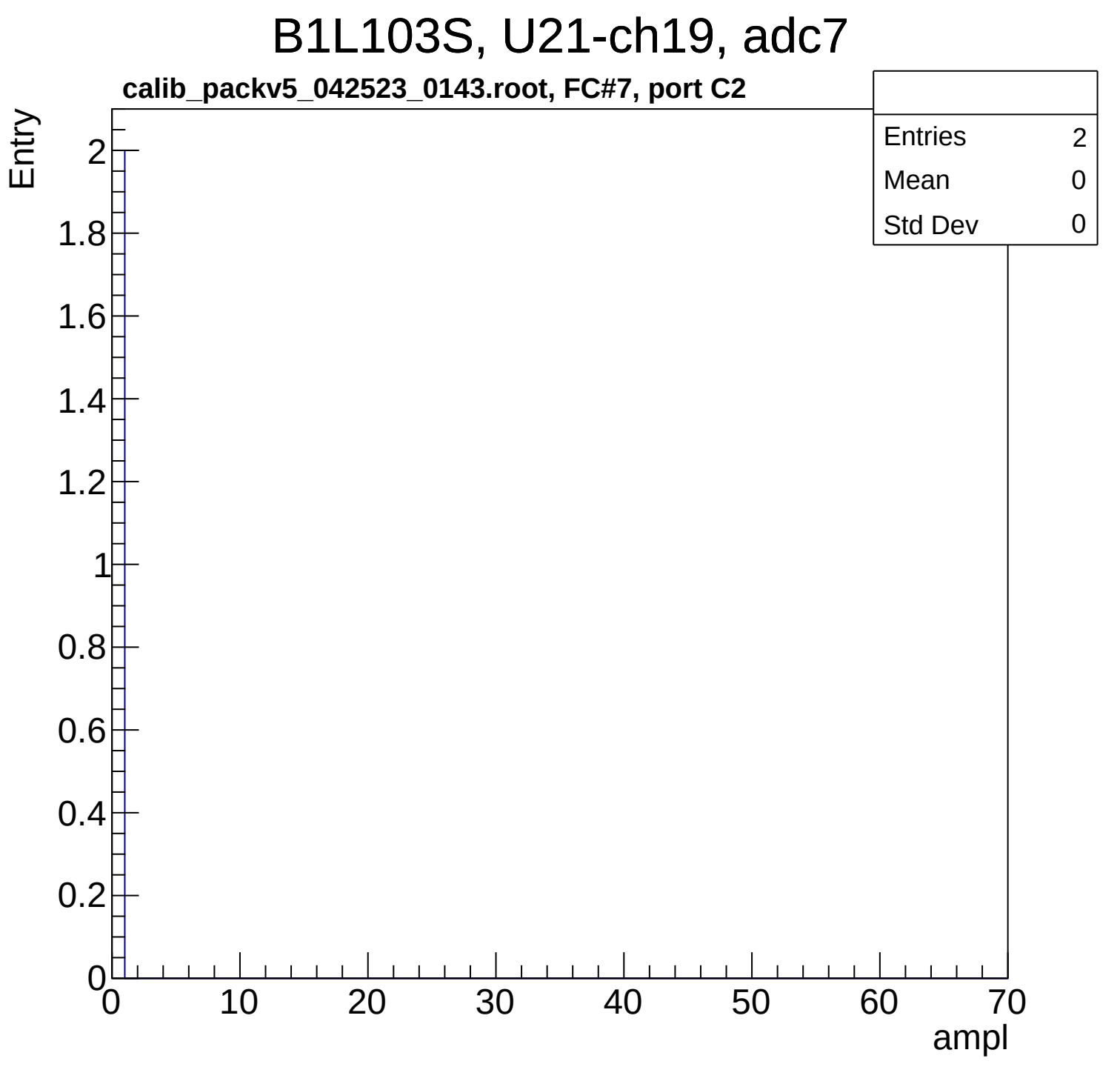
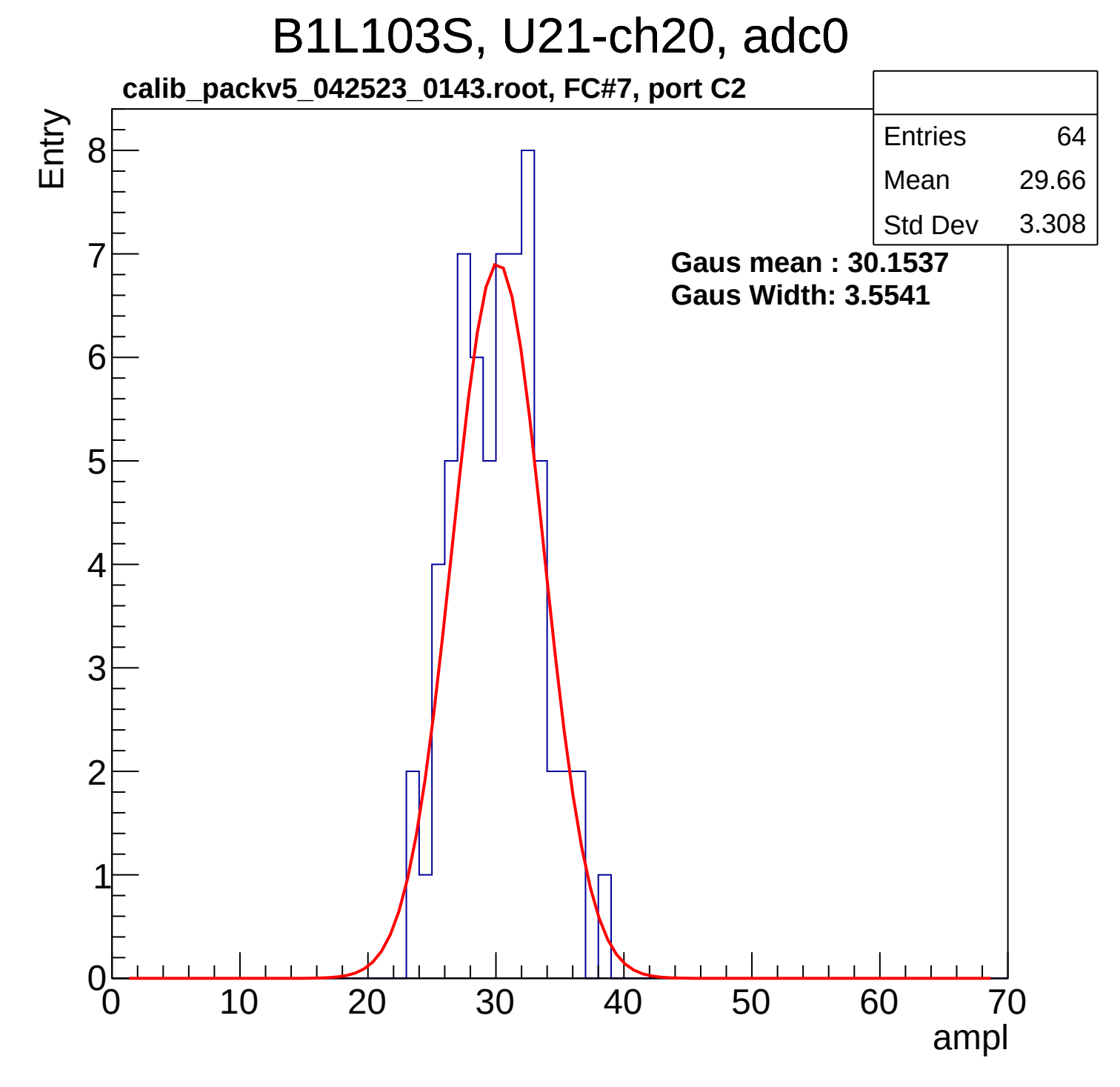
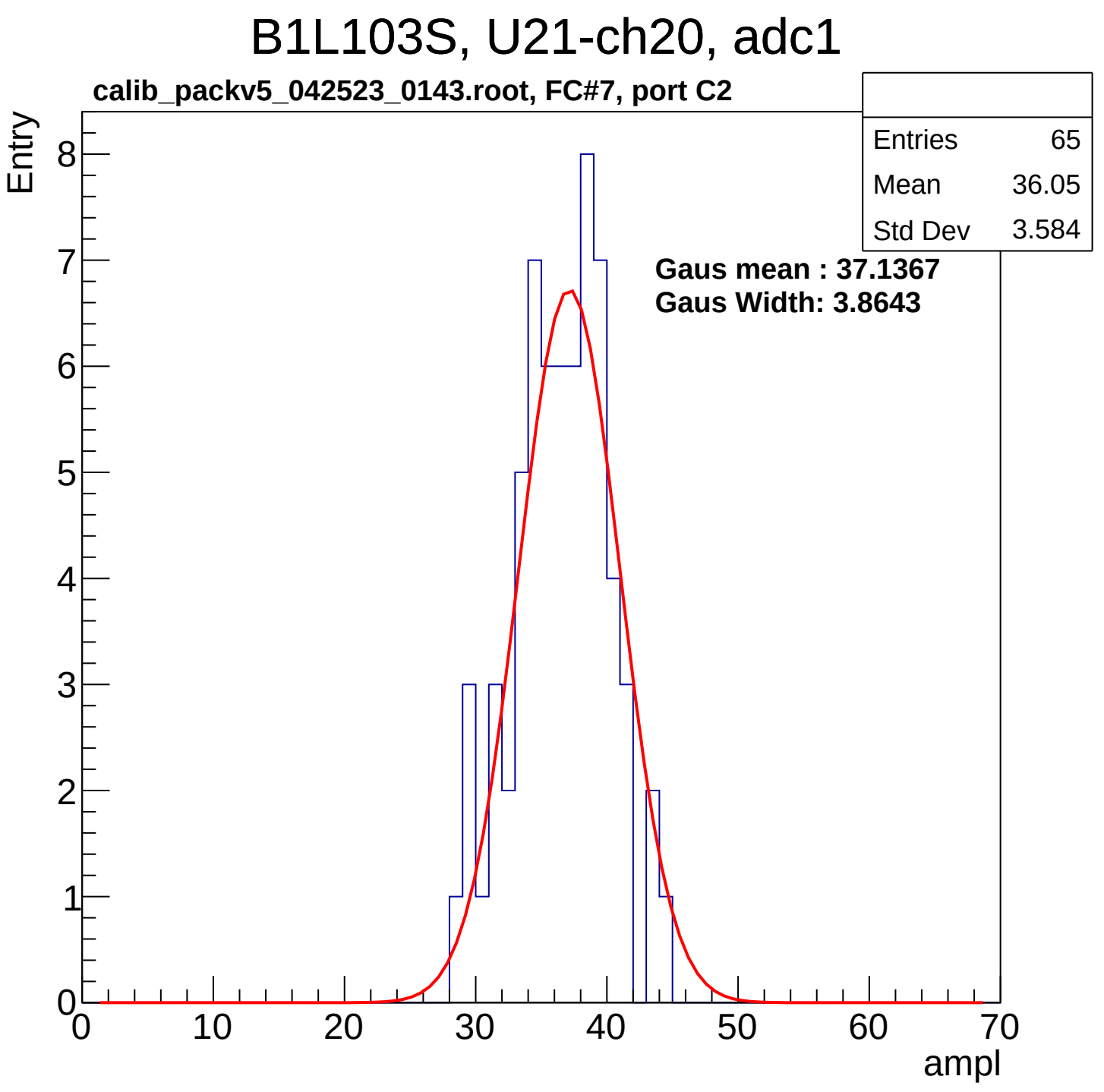
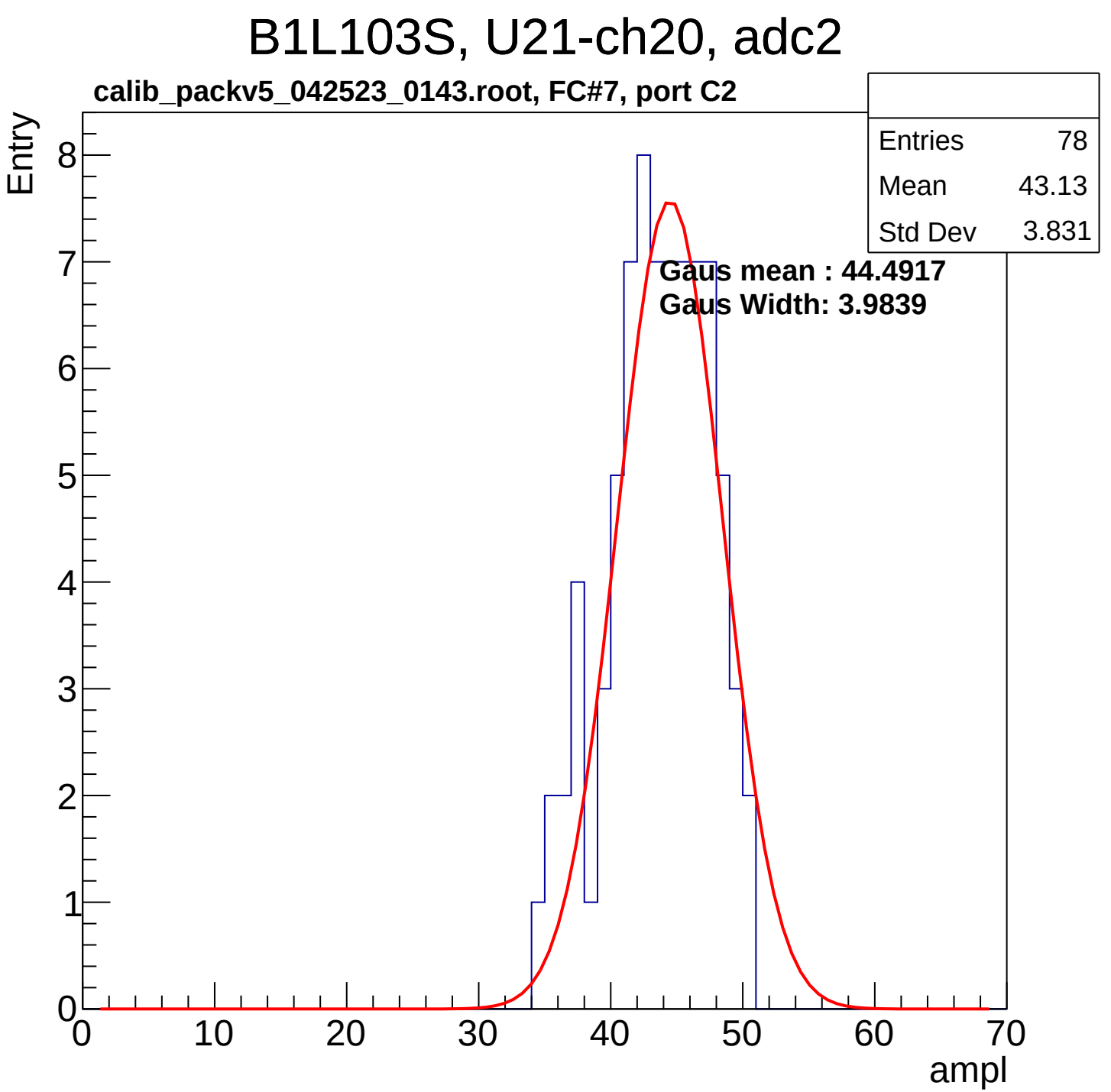
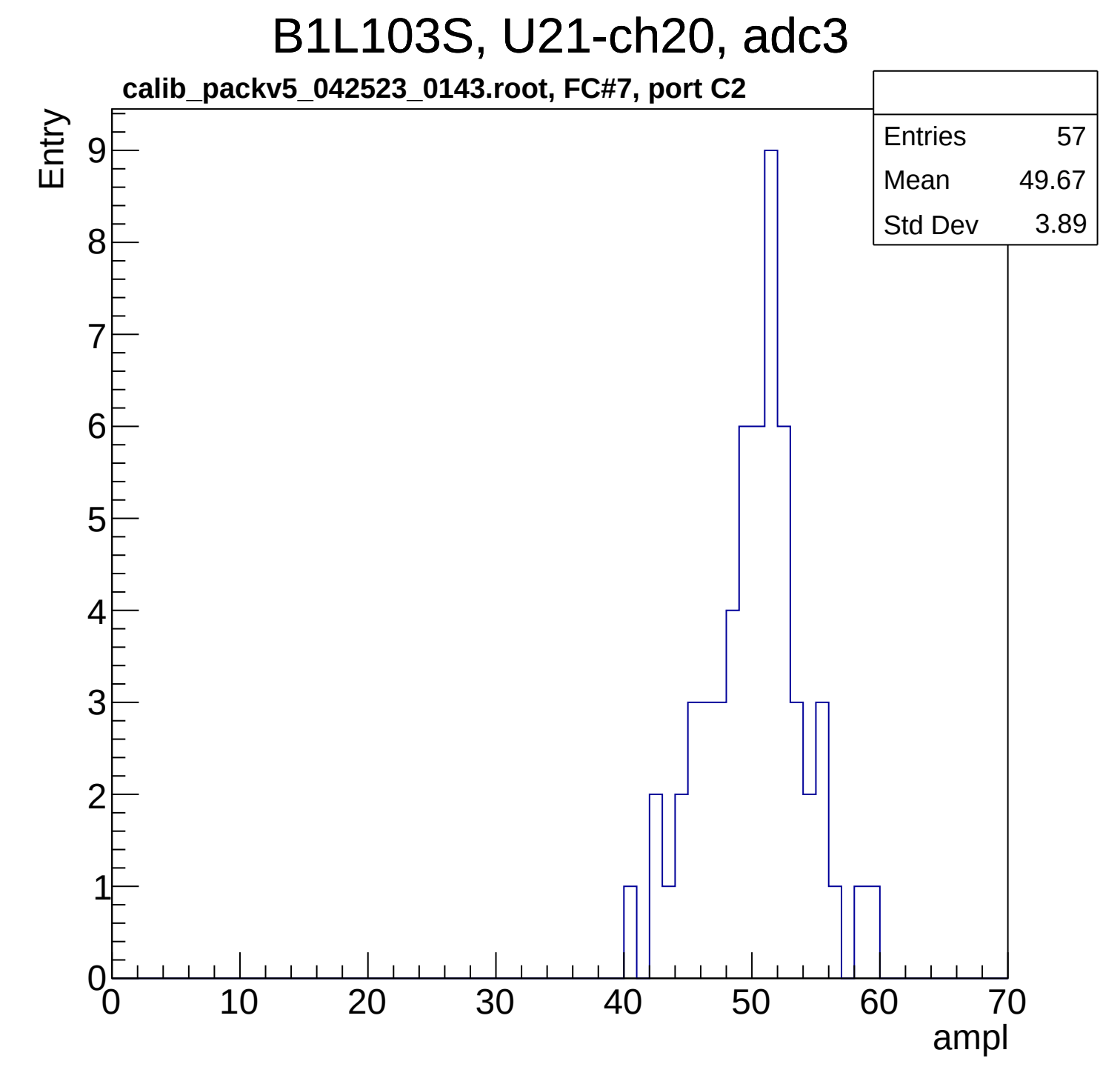

B1L103S, U21-ch19, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 9
Mean 62.11
Std Dev 0.8749
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

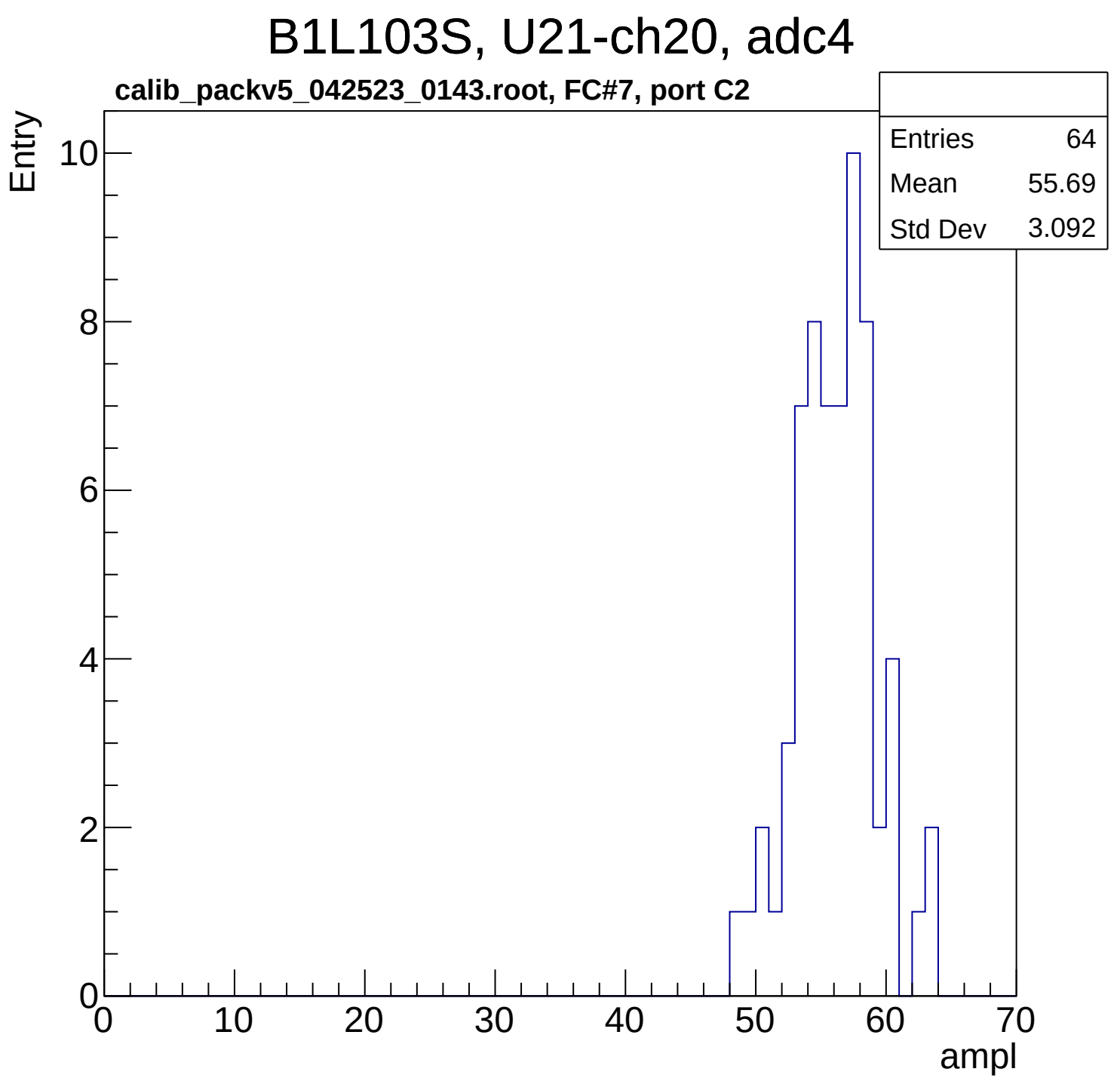

B1L103S, U21-ch19, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

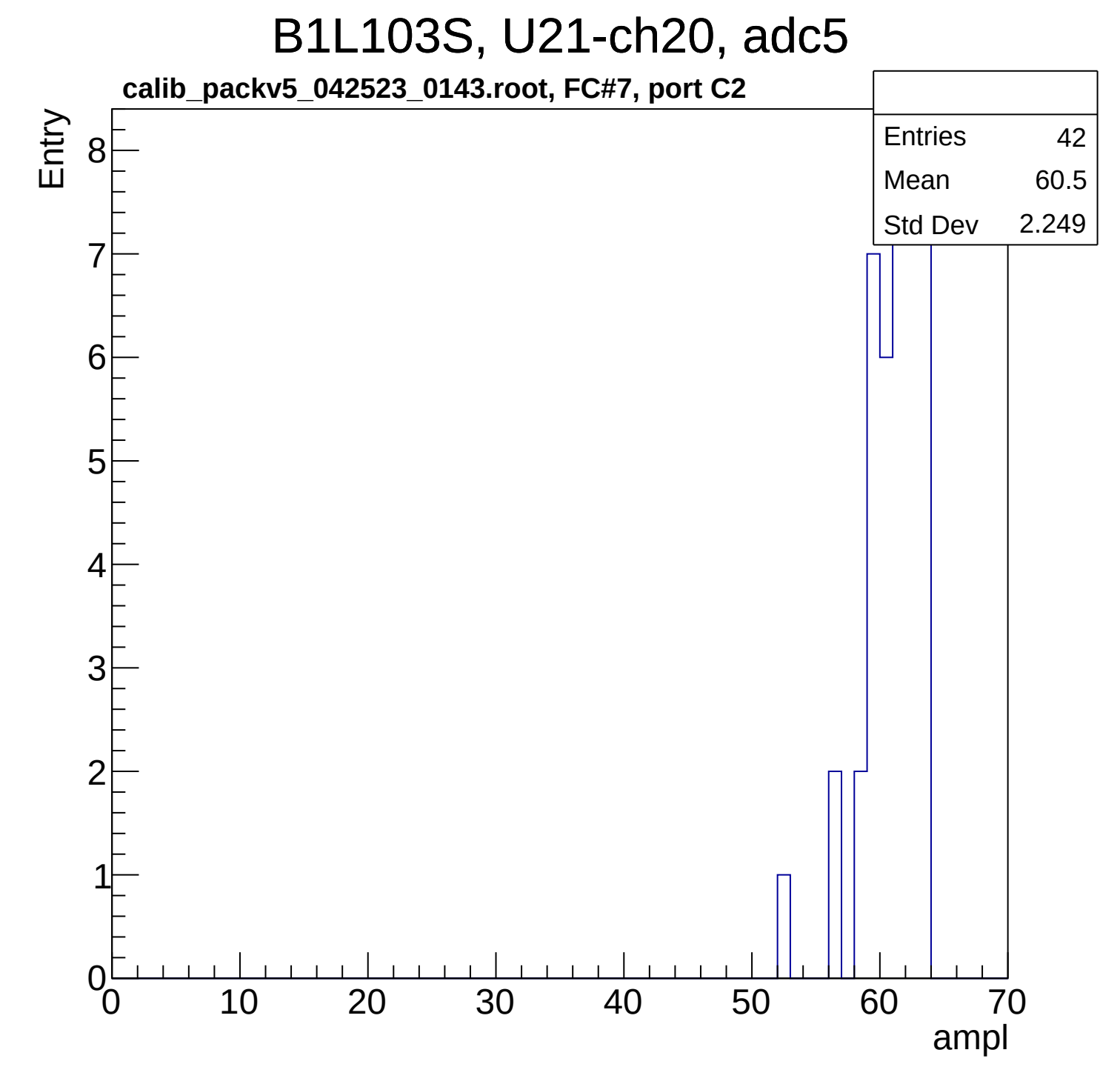

B1L103S, U21-ch20, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 29.66
Std Dev 3.308
Gaus mean : 30.1537
Gaus Width: 3.5541
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

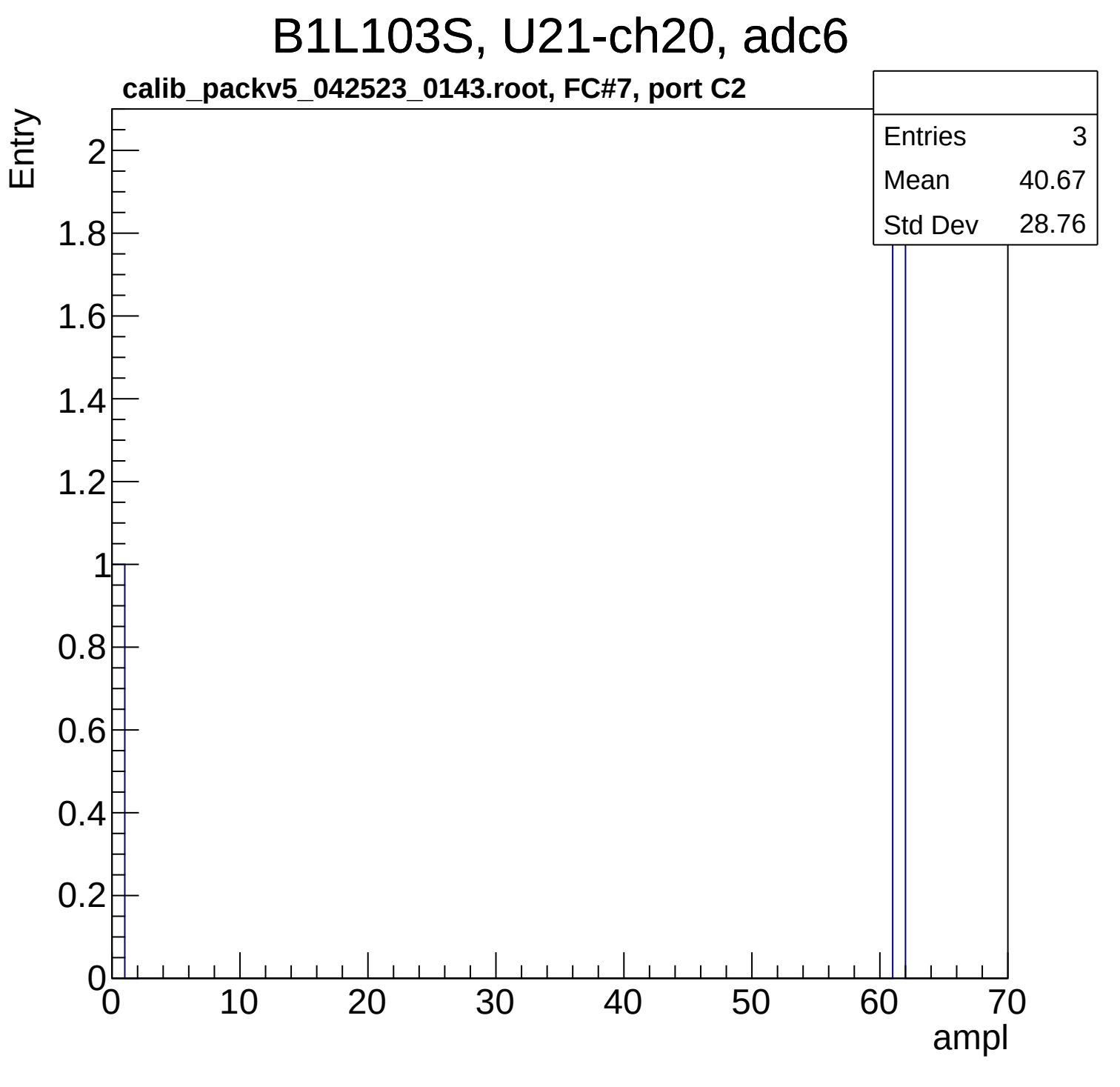

B1L103S, U21-ch20, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 36.05
Std Dev 3.584
Gaus mean : 37.1367
Gaus Width: 3.8643
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

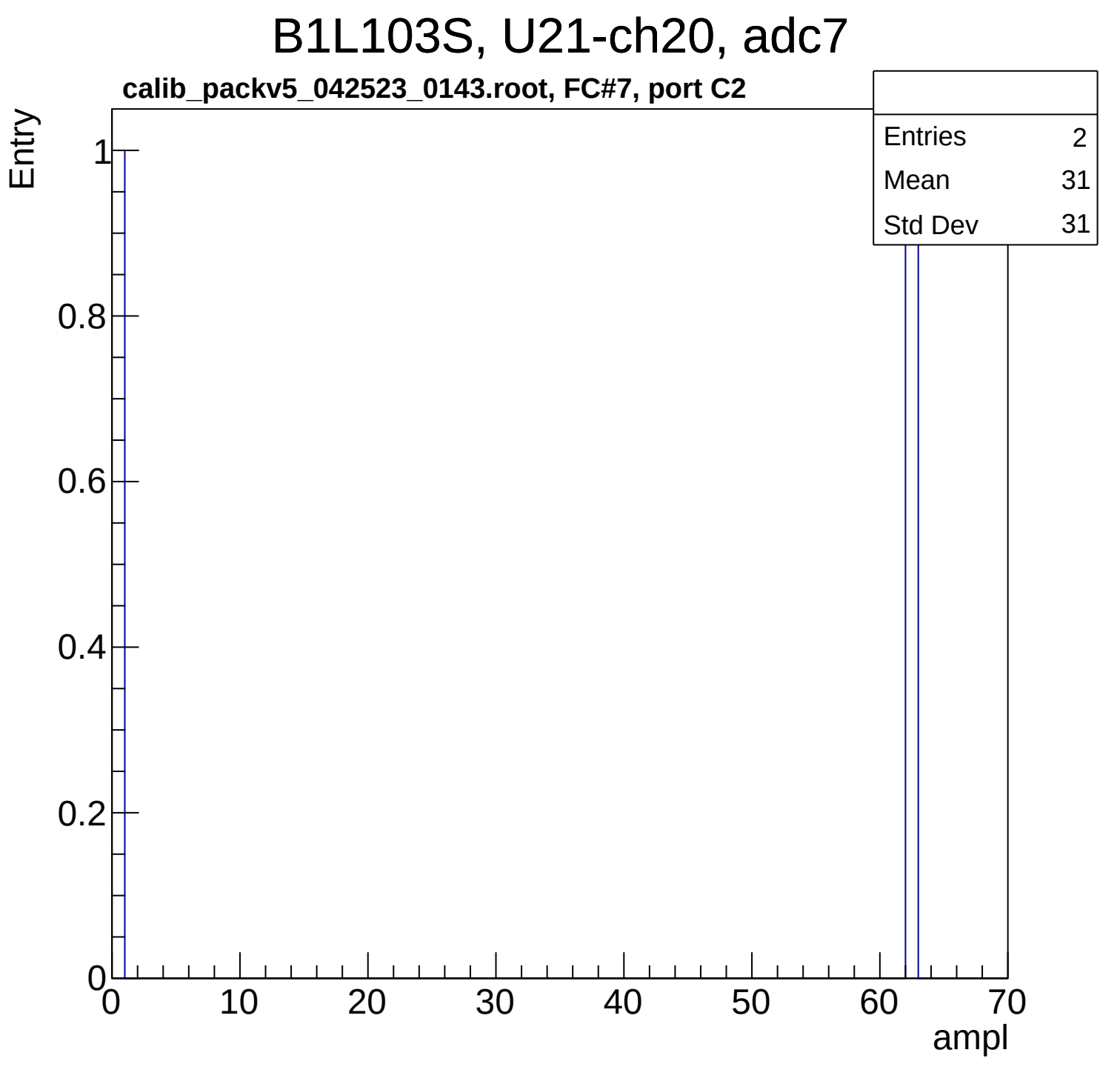

B1L103S, U21-ch20, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 78
Mean 43.13
Std Dev 3.831
Gaus mean : 44.4917
Gaus Width: 3.9839
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

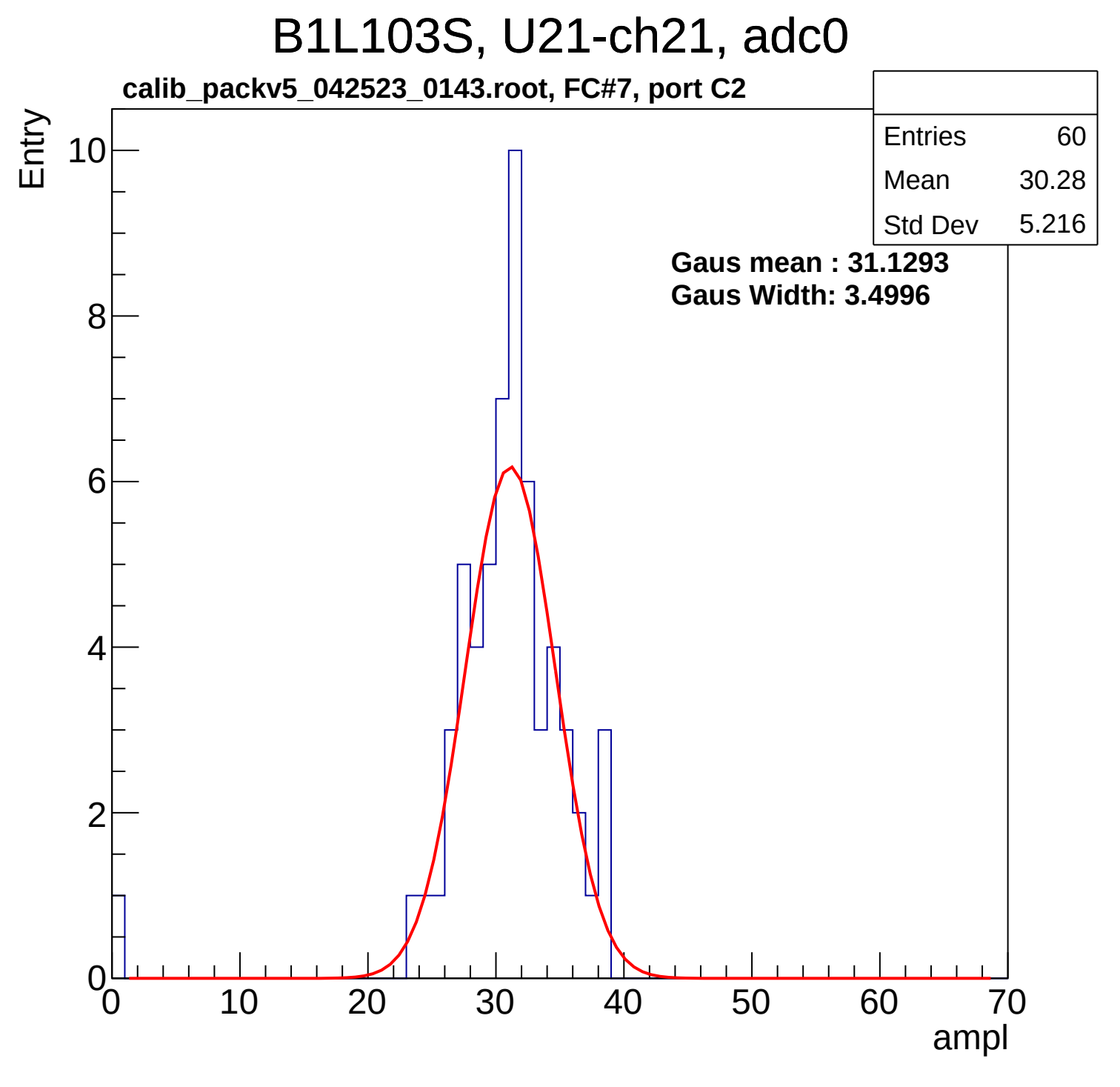

B1L103S, U21-ch20, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 49.67
Std Dev 3.89
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

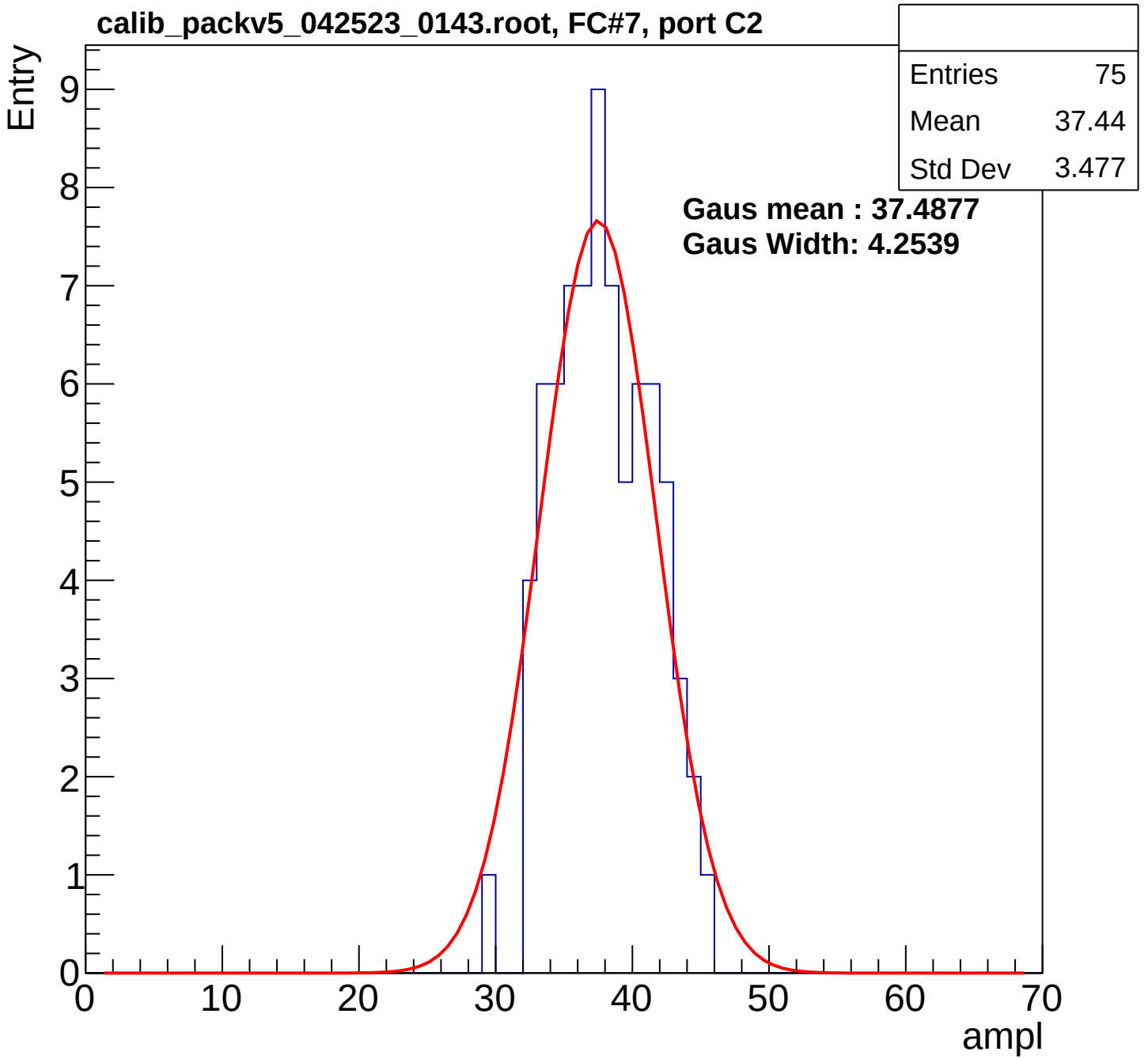

B1L103S, U21-ch20, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 55.69
Std Dev 3.092
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

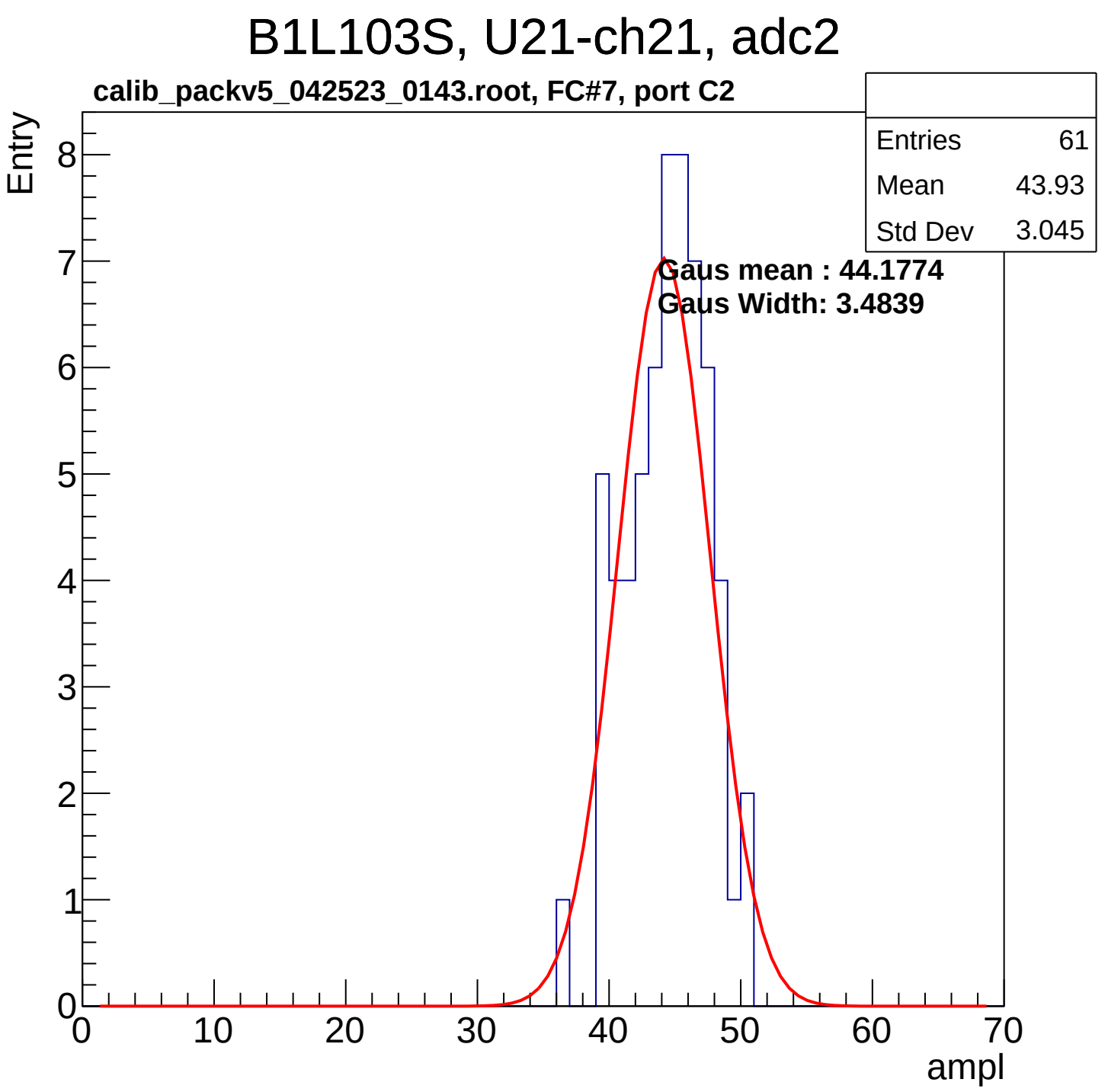

B1L103S, U21-ch20, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 42
Mean 60.5
Std Dev 2.249
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

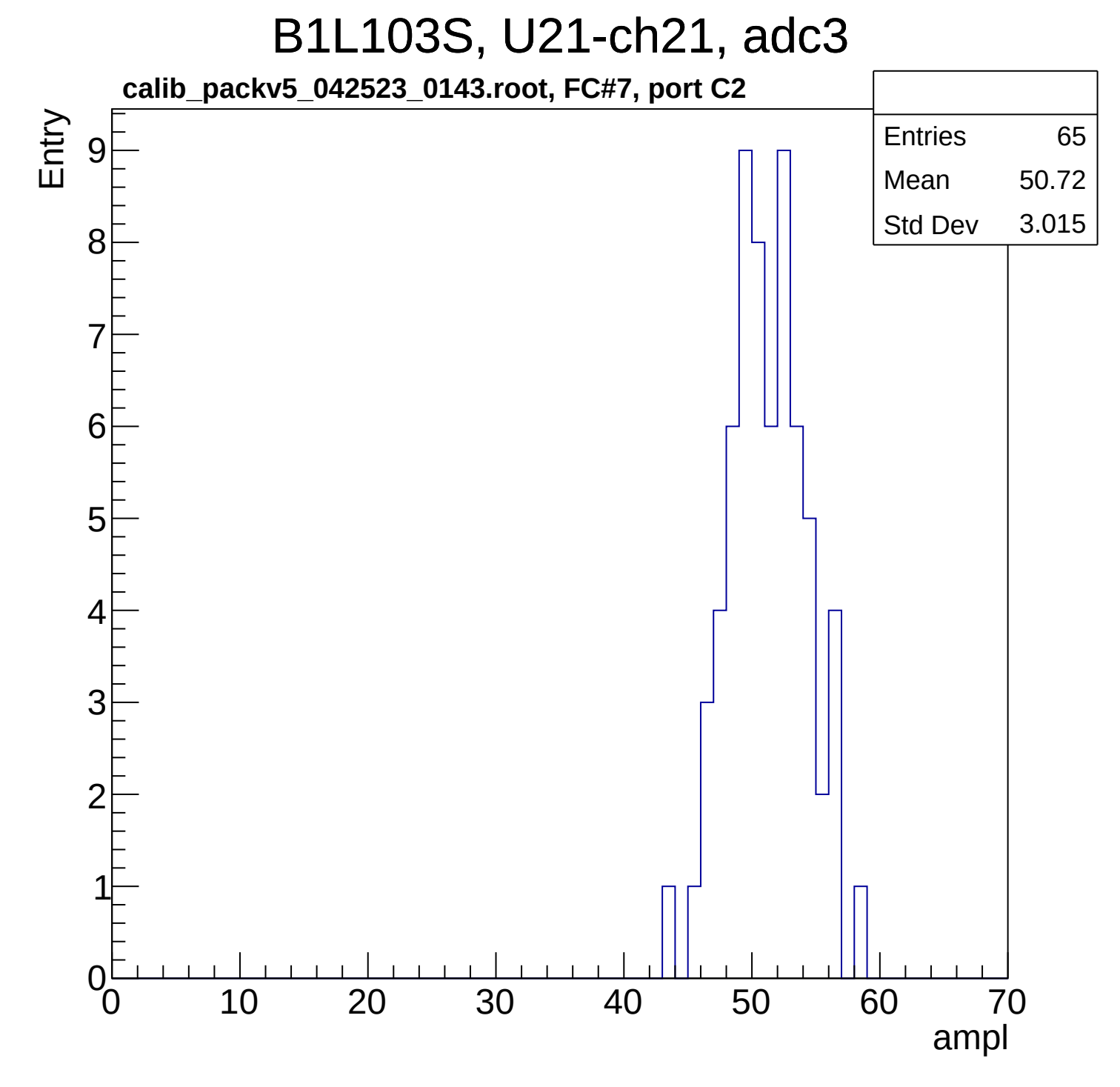

B1L103S, U21-ch20, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 40.67
Std Dev 28.76
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L103S, U21-ch20, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 31
Std Dev 31
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch21, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 30.28
Std Dev 5.216
Gaus mean : 31.1293
Gaus Width: 3.4996
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U21-ch21, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 75
Mean 37.44
Std Dev 3.477
Gaus mean : 37.4877
Gaus Width: 4.2539
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch21, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 43.93
Std Dev 3.045
Gaus mean : 44.1774
Gaus Width: 3.4839
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch21, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 50.72
Std Dev 3.015
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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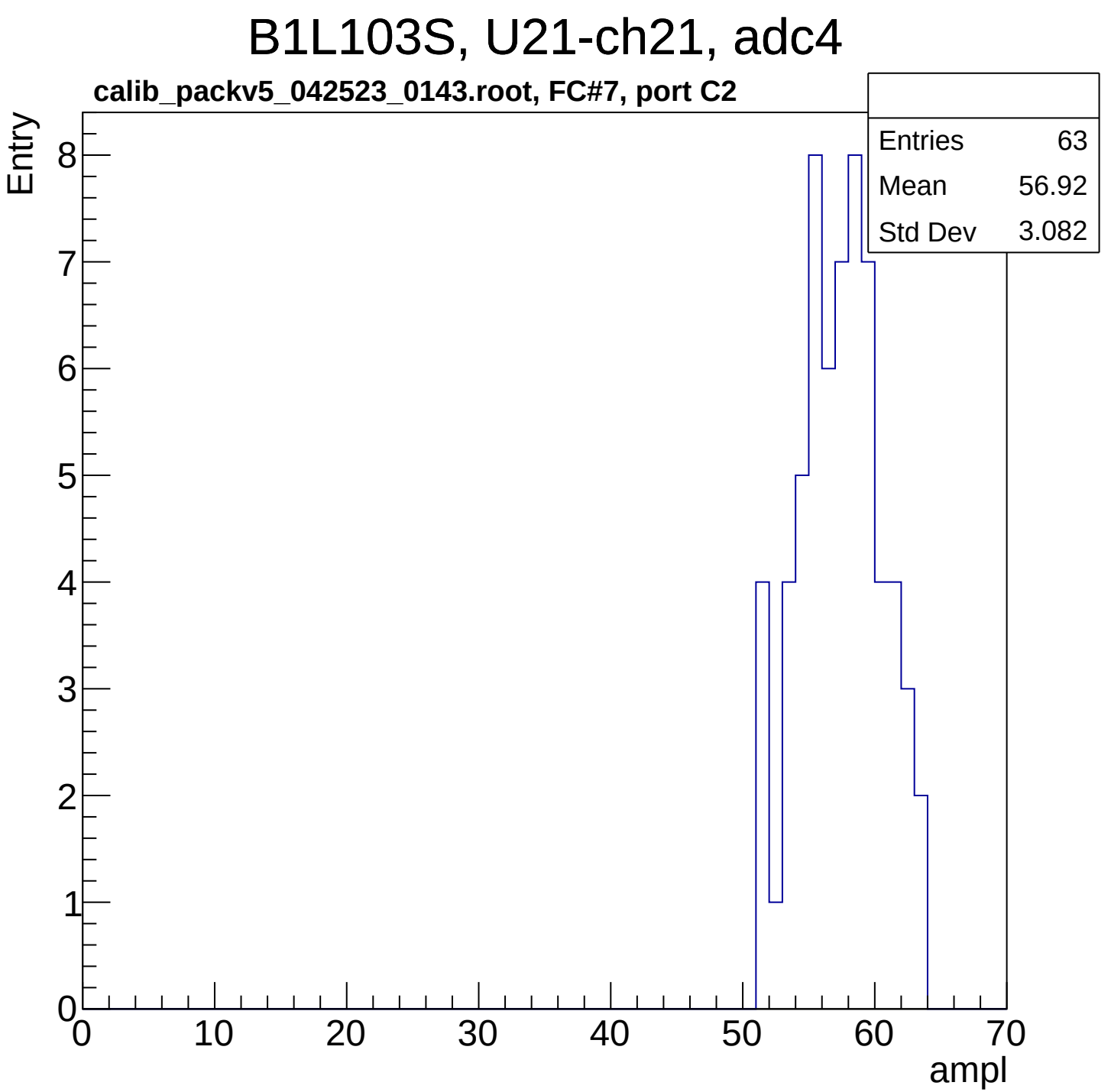
B1L103S, U21-ch21, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 56.92
Std Dev 3.082
Entry
ampl
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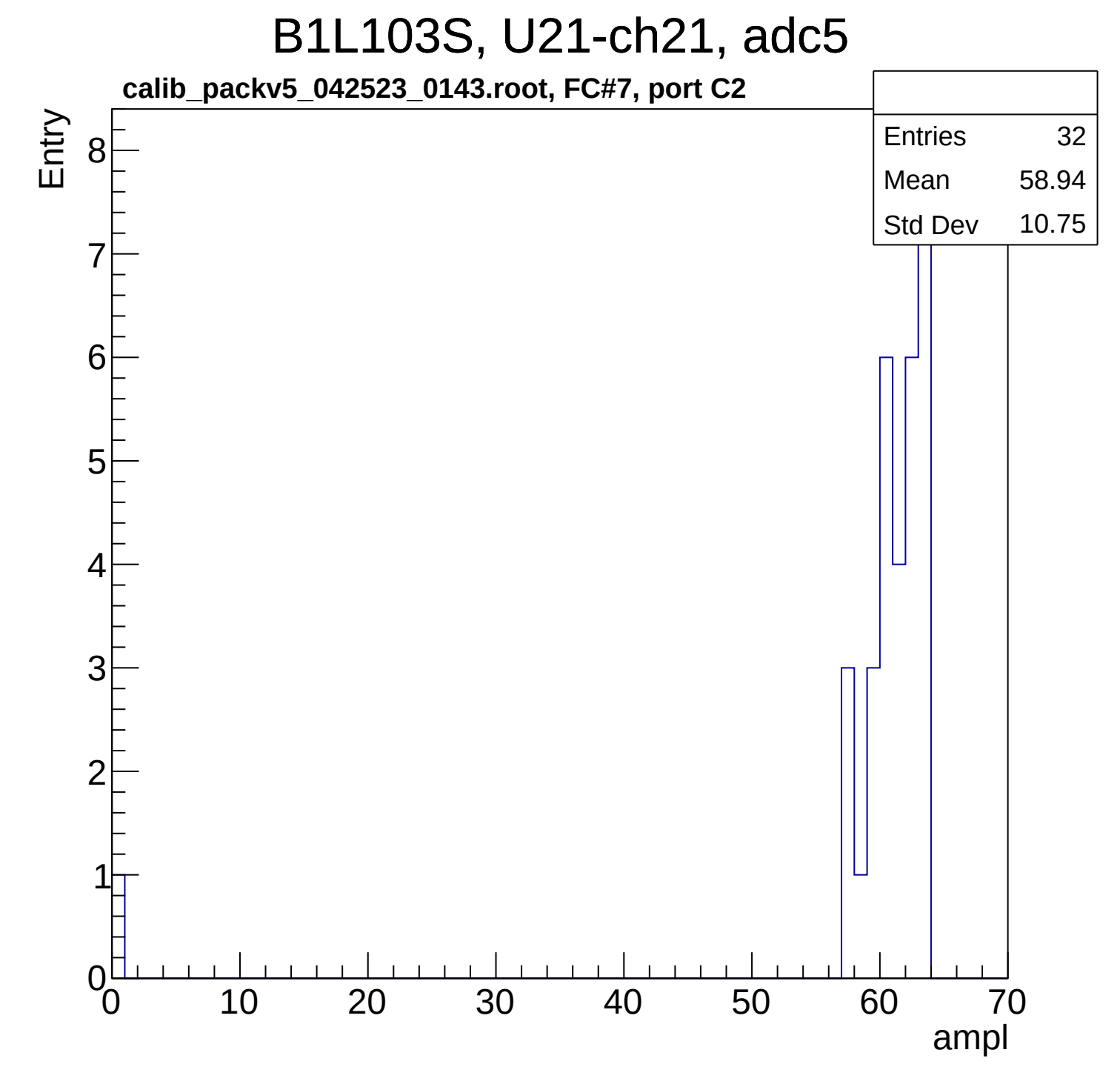
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch21, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 32
Mean 58.94
Std Dev 10.75
Entry
ampl
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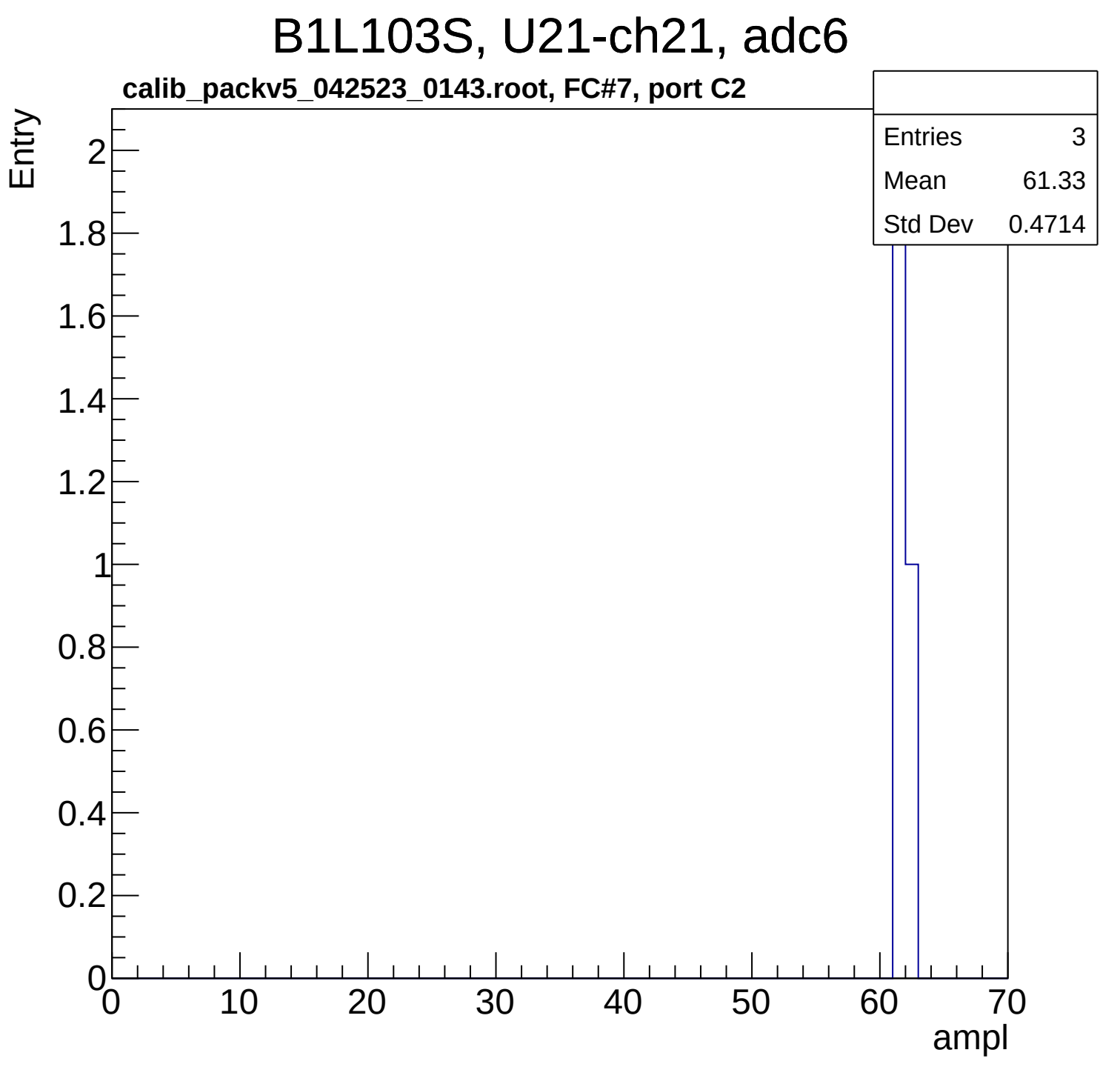
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch21, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 61.33
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
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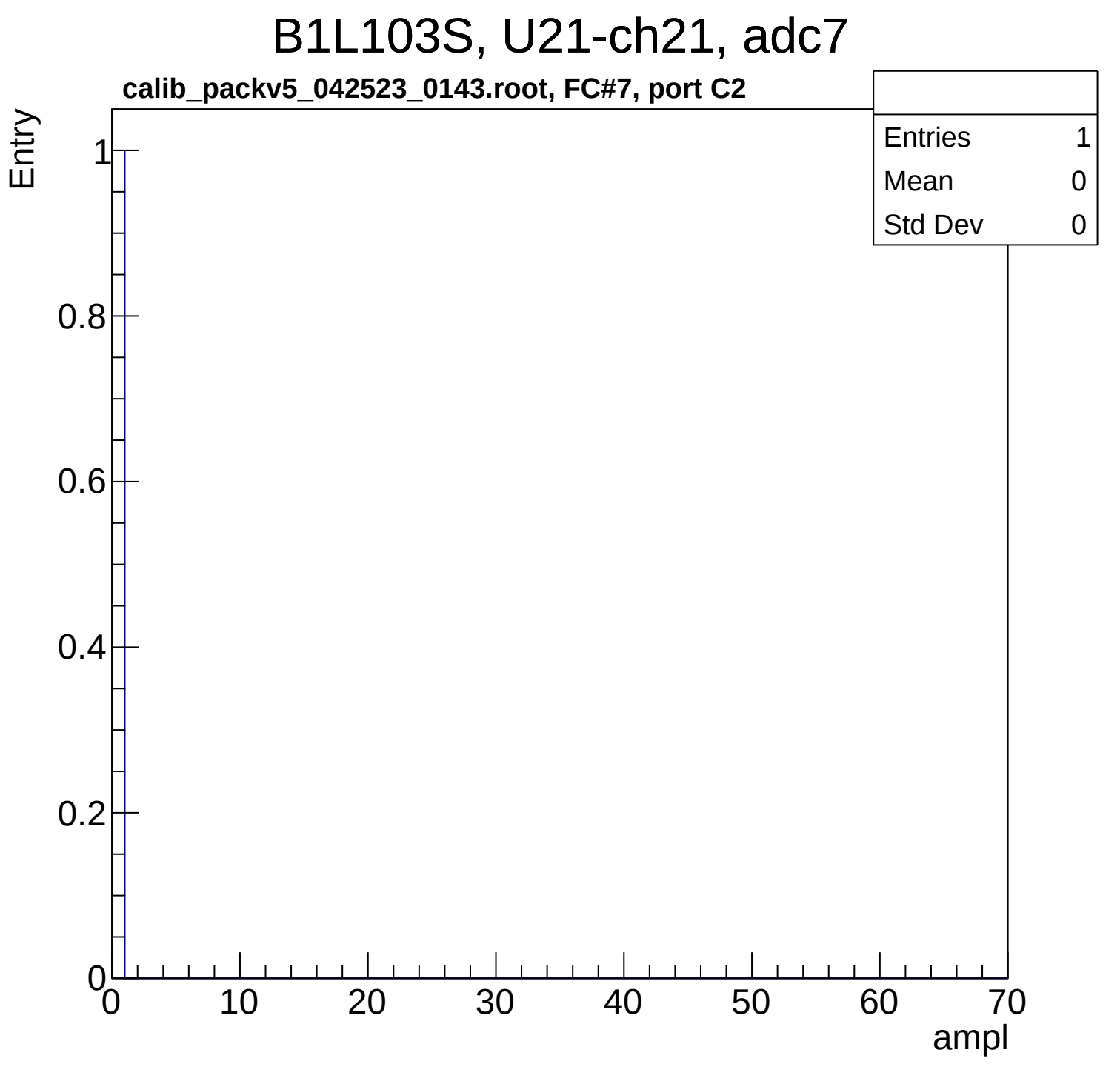
B1L103S, U21-ch21, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
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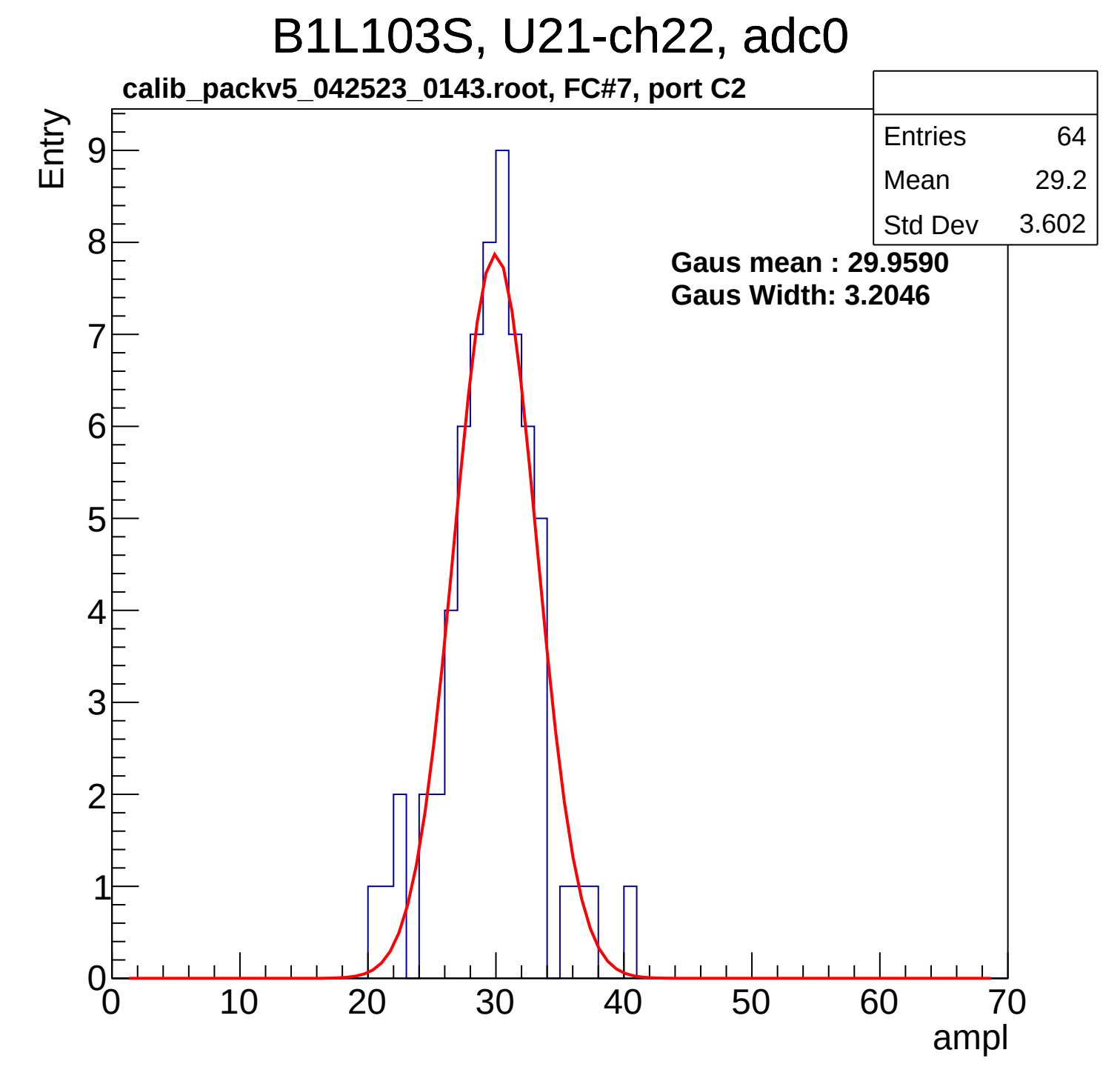
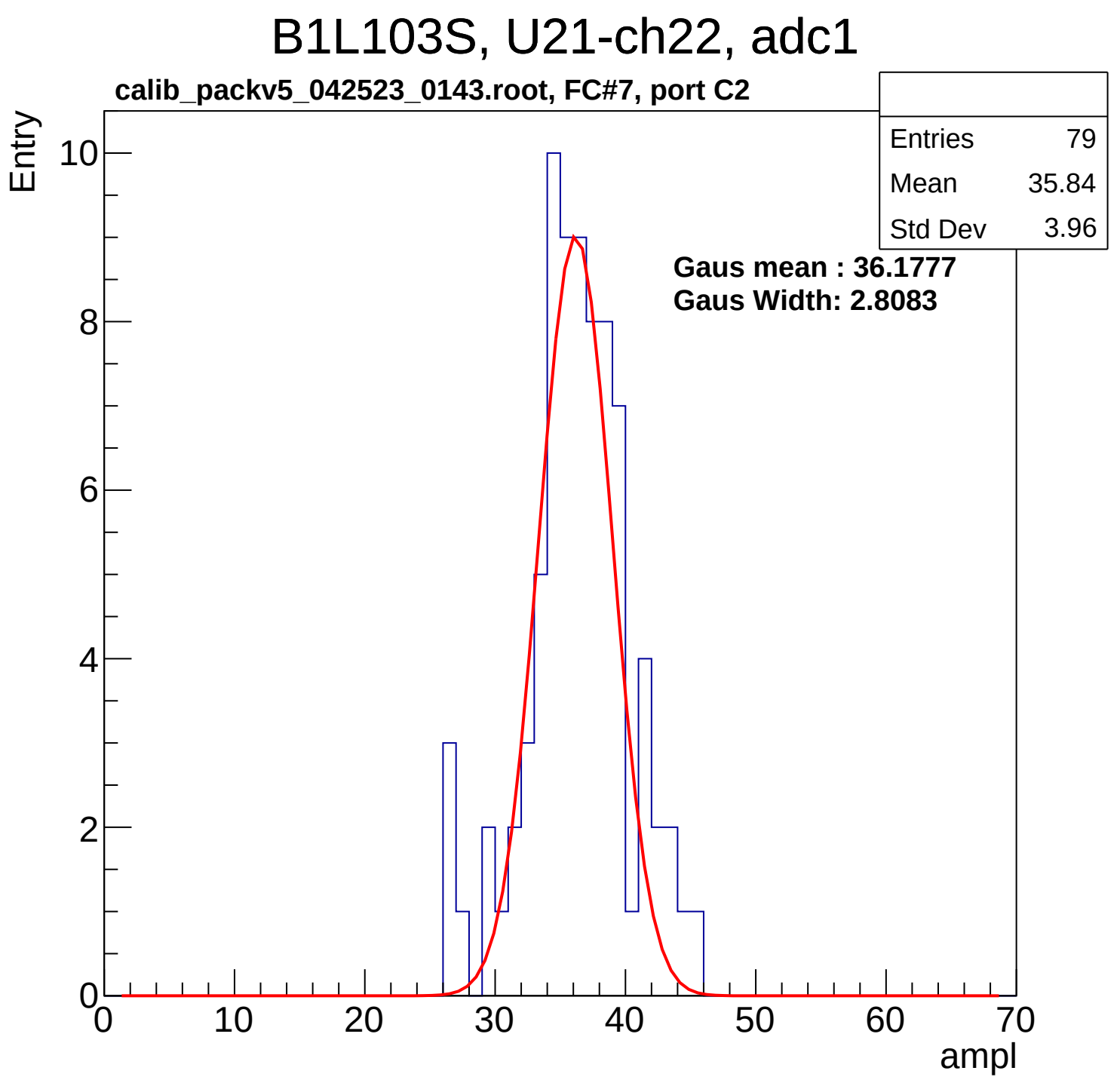
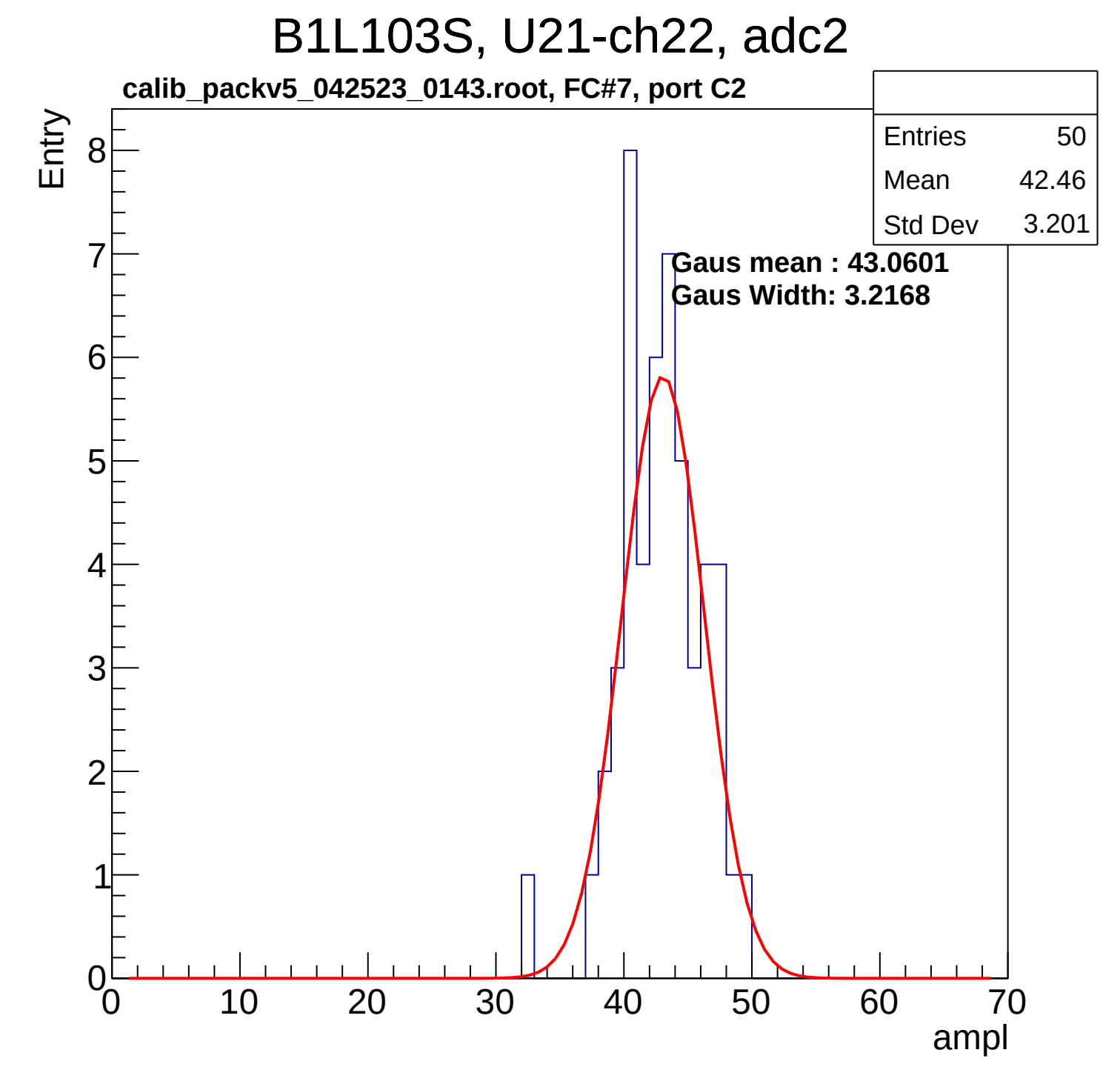
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch22, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 29.2
Std Dev 3.602
Gaus mean : 29.9590
Gaus Width: 3.2046
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch22, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 79
Mean 35.84
Std Dev 3.96
Gaus mean : 36.1777
Gaus Width: 2.8083
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U21-ch22, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 50
Mean 42.46
Std Dev 3.201
Gaus mean : 43.0601
Gaus Width: 3.2168
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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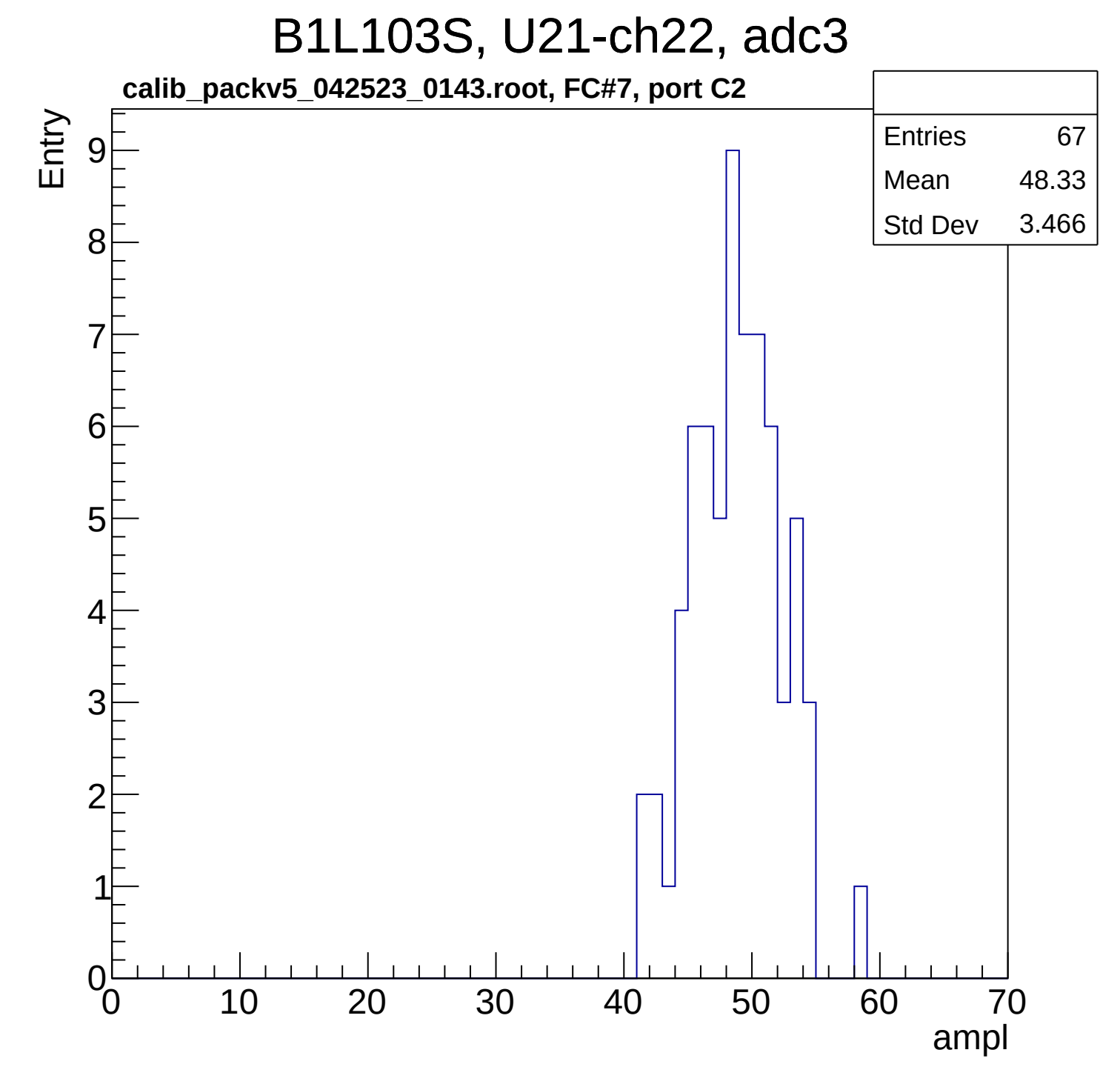
20
30
40
50
60
70


B1L103S, U21-ch22, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 48.33
Std Dev 3.466
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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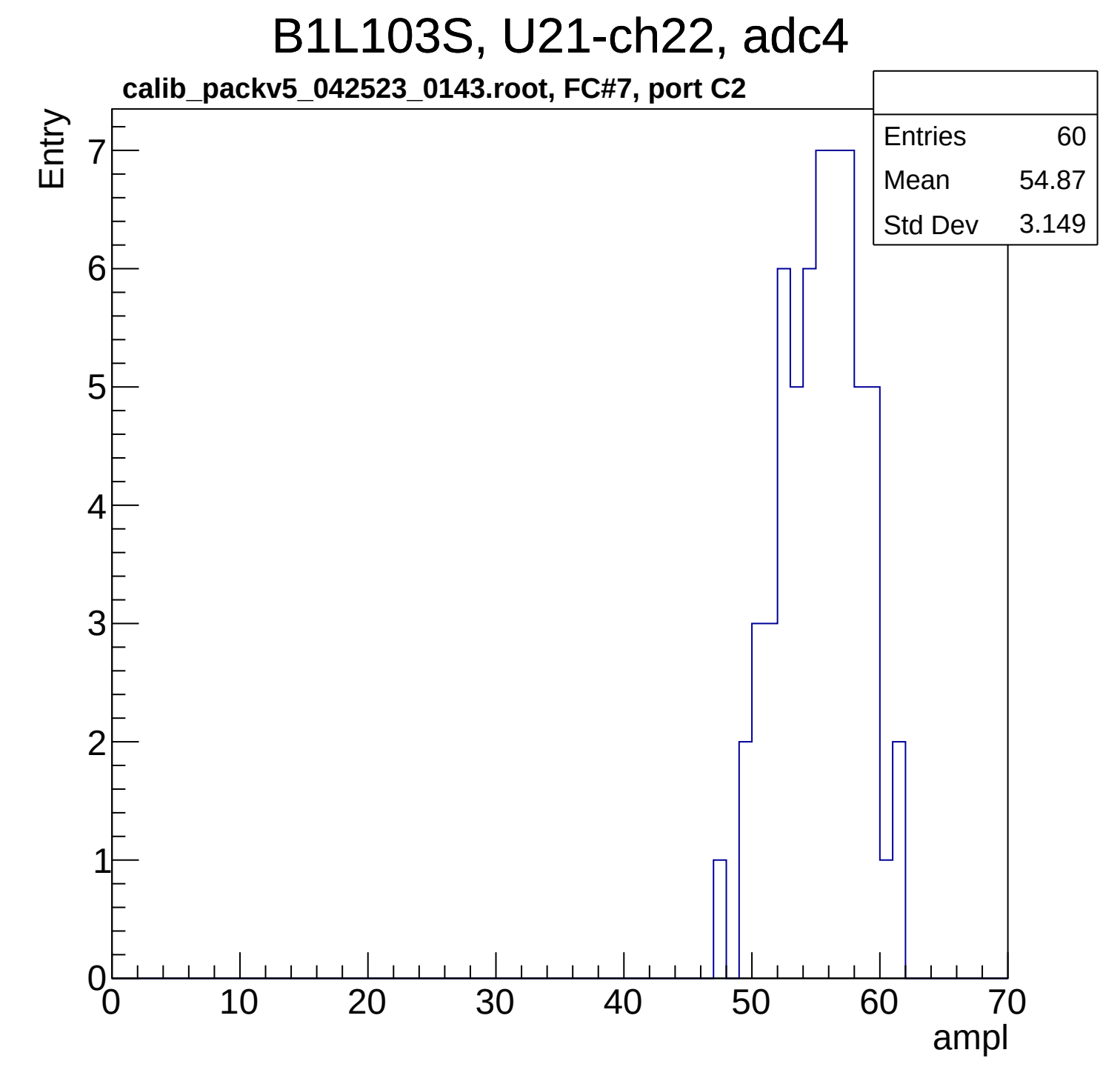
B1L103S, U21-ch22, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 54.87
Std Dev 3.149
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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40
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60
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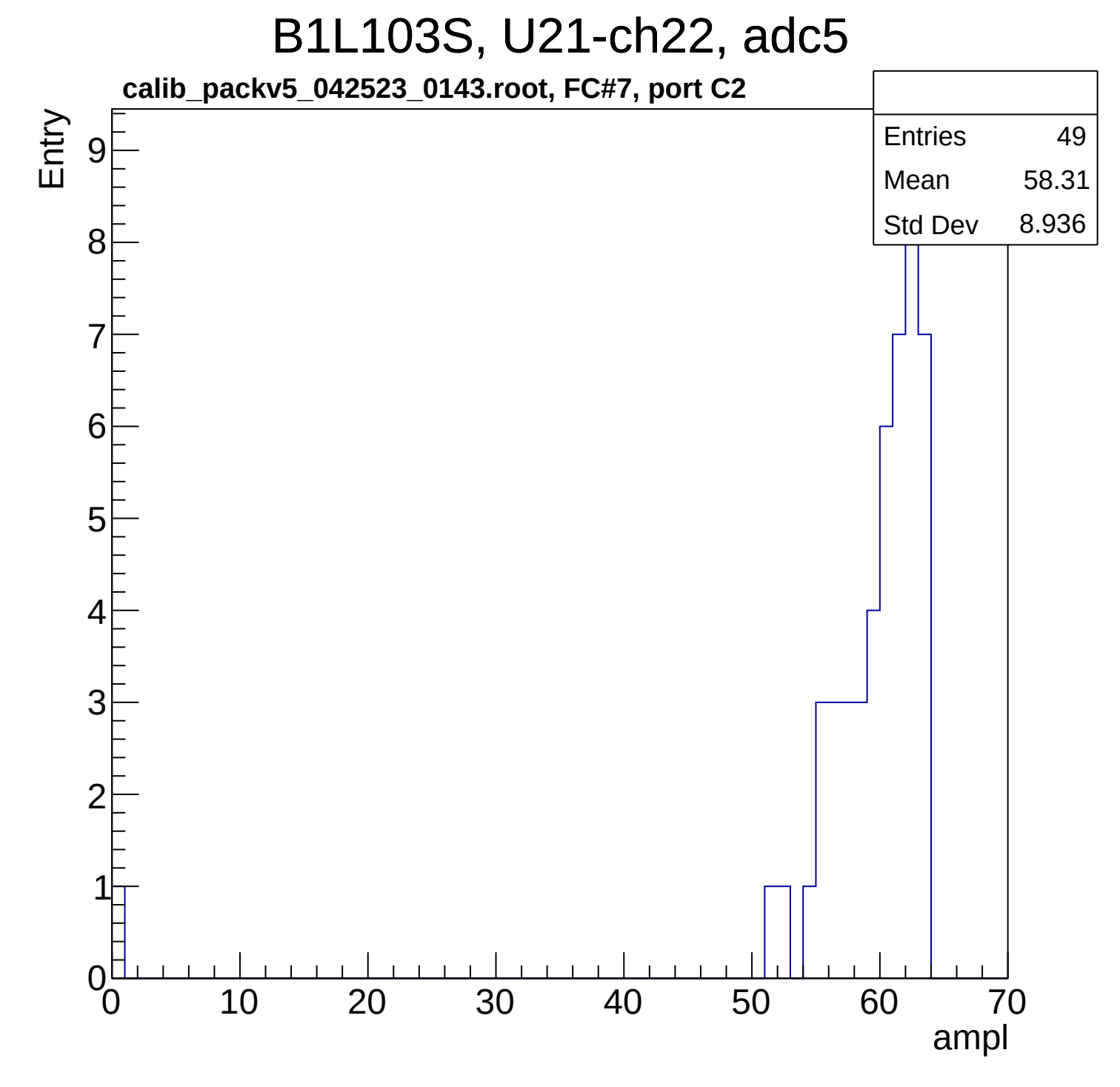
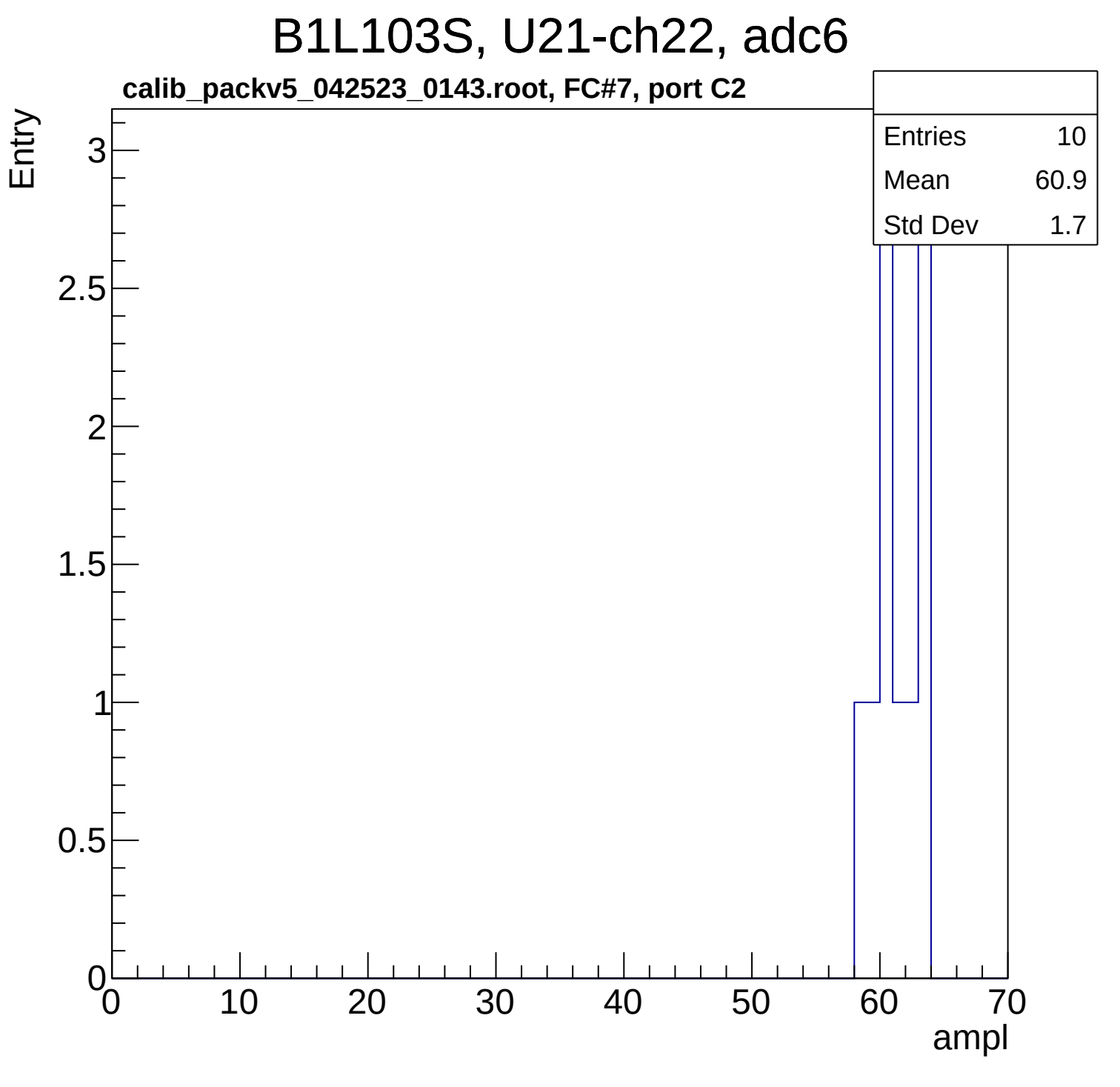

B1L103S, U21-ch22, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 58.31
Std Dev 8.936
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch22, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 10
Mean 60.9
Std Dev 1.7
Entry
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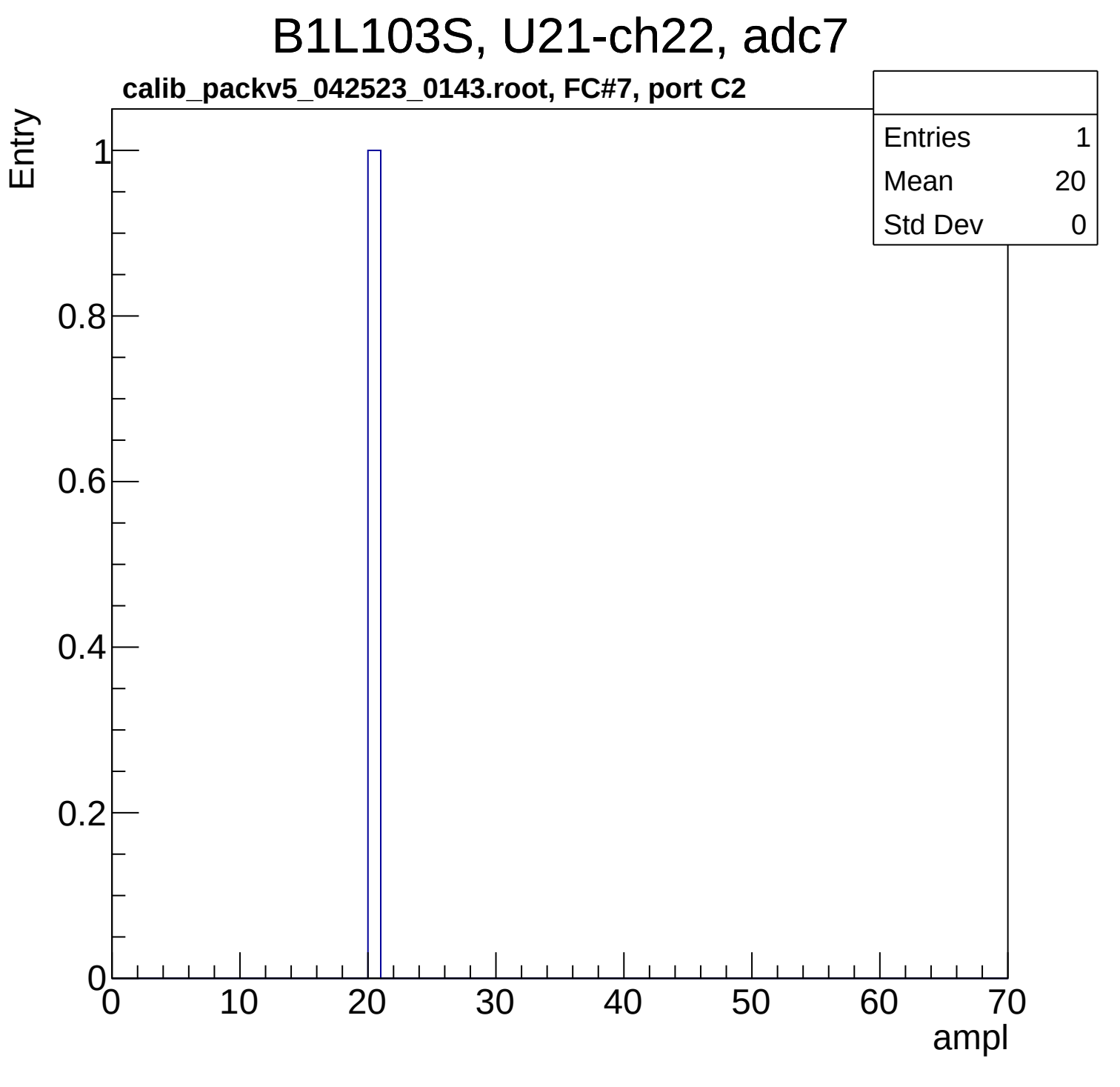
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch22, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 20
Std Dev 0
Entry
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0.6
0.4
0.2
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10
20
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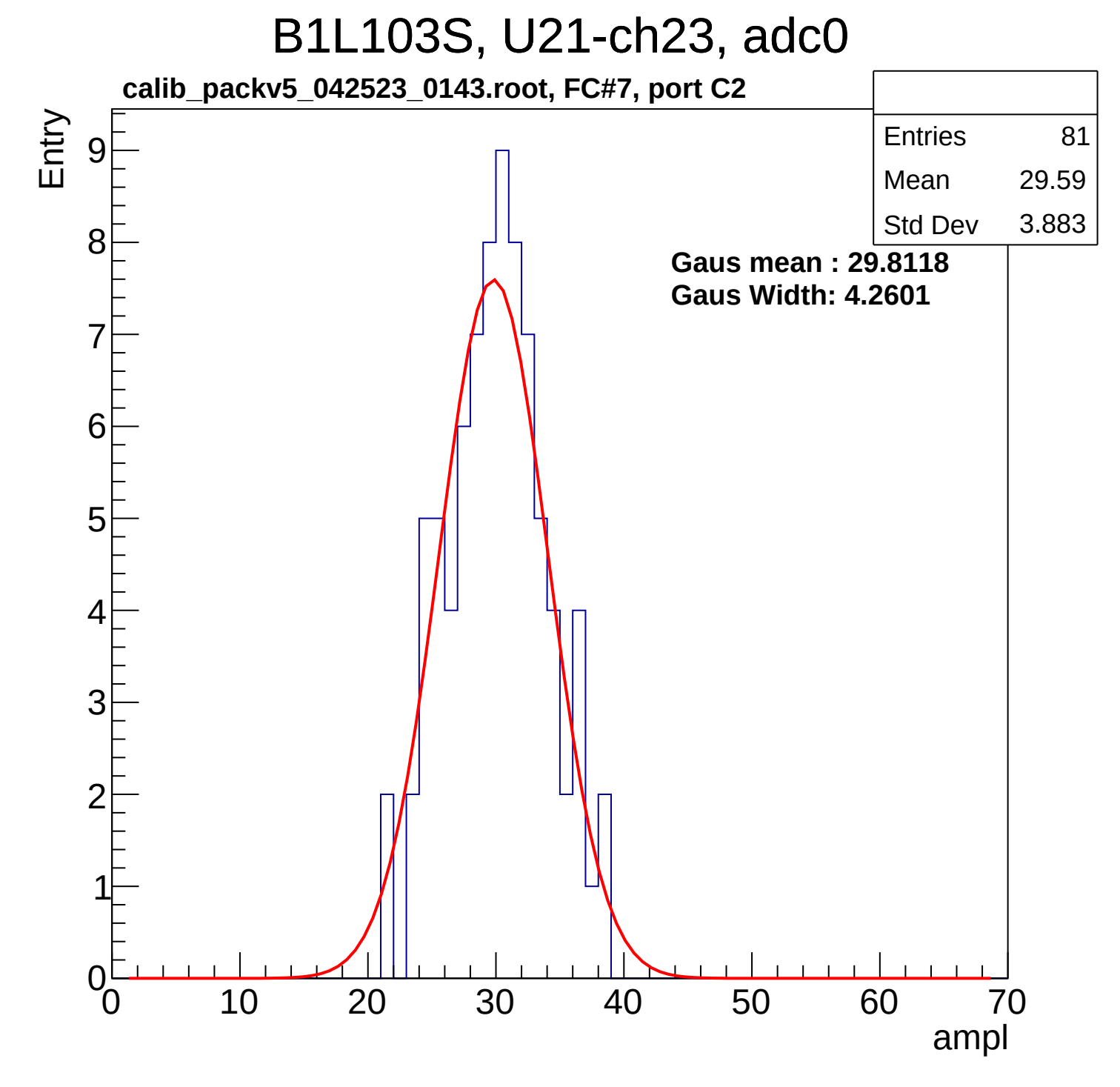
40
50
60
70
ampl


B1L103S, U21-ch23, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 81
Mean 29.59
Std Dev 3.883
Gaus mean : 29.8118
Gaus Width: 4.2601
Entry
ampl
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2
3
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5
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0
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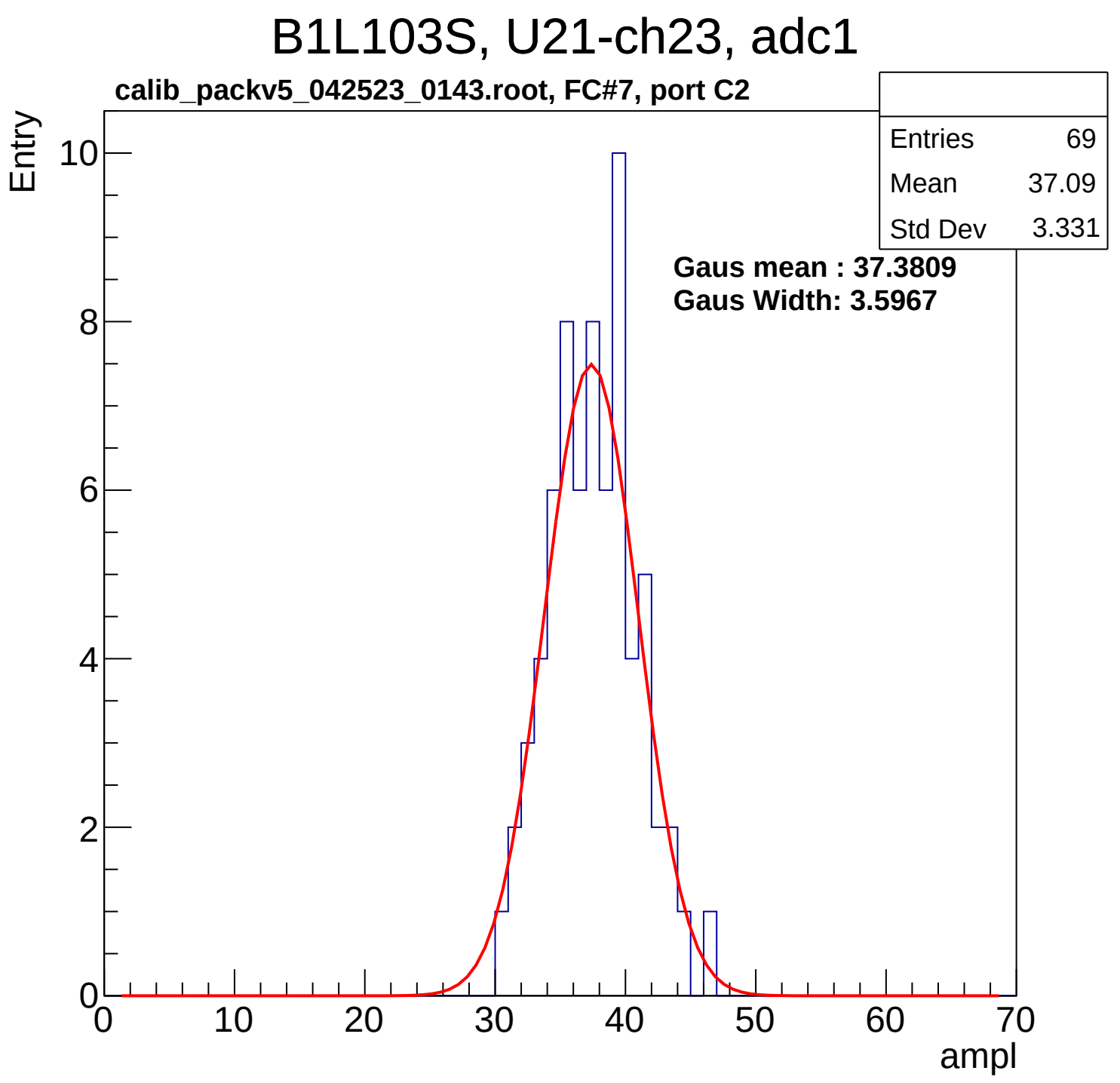
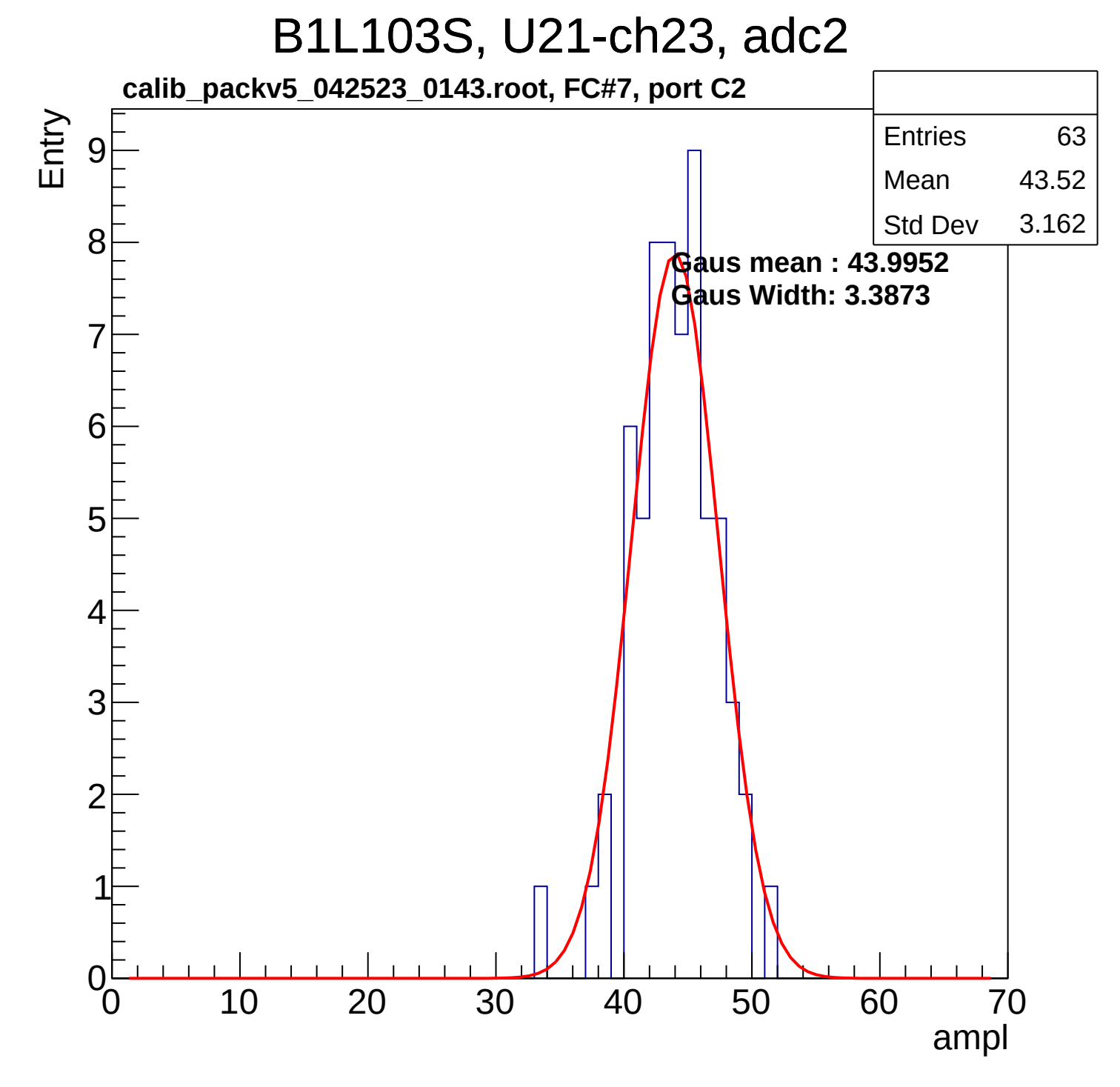

B1L103S, U21-ch23, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 37.09
Std Dev 3.331
Gaus mean : 37.3809
Gaus Width: 3.5967
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U21-ch23, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 43.52
Std Dev 3.162
Gaus mean : 43.9952
Gaus Width: 3.3873
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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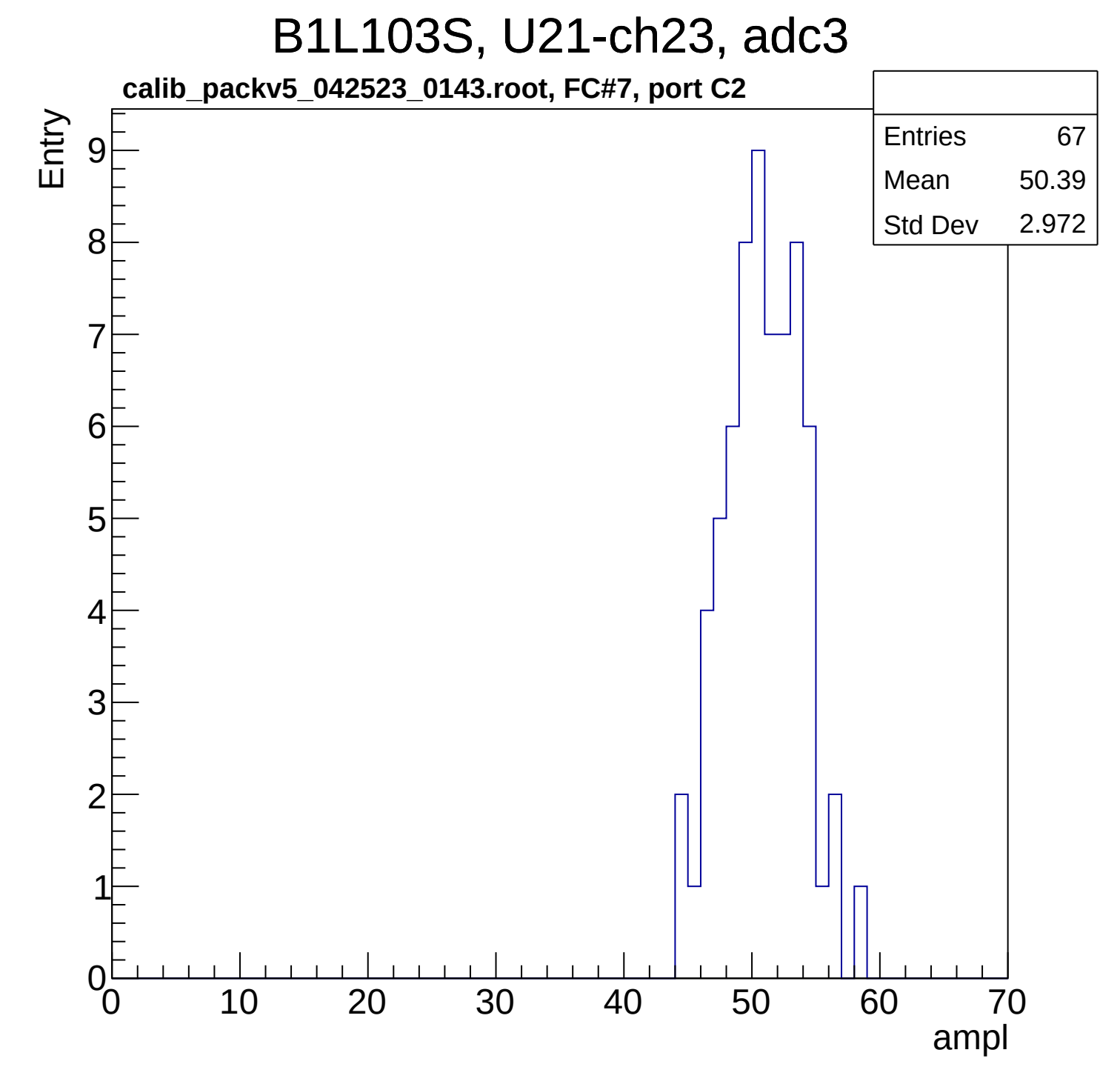
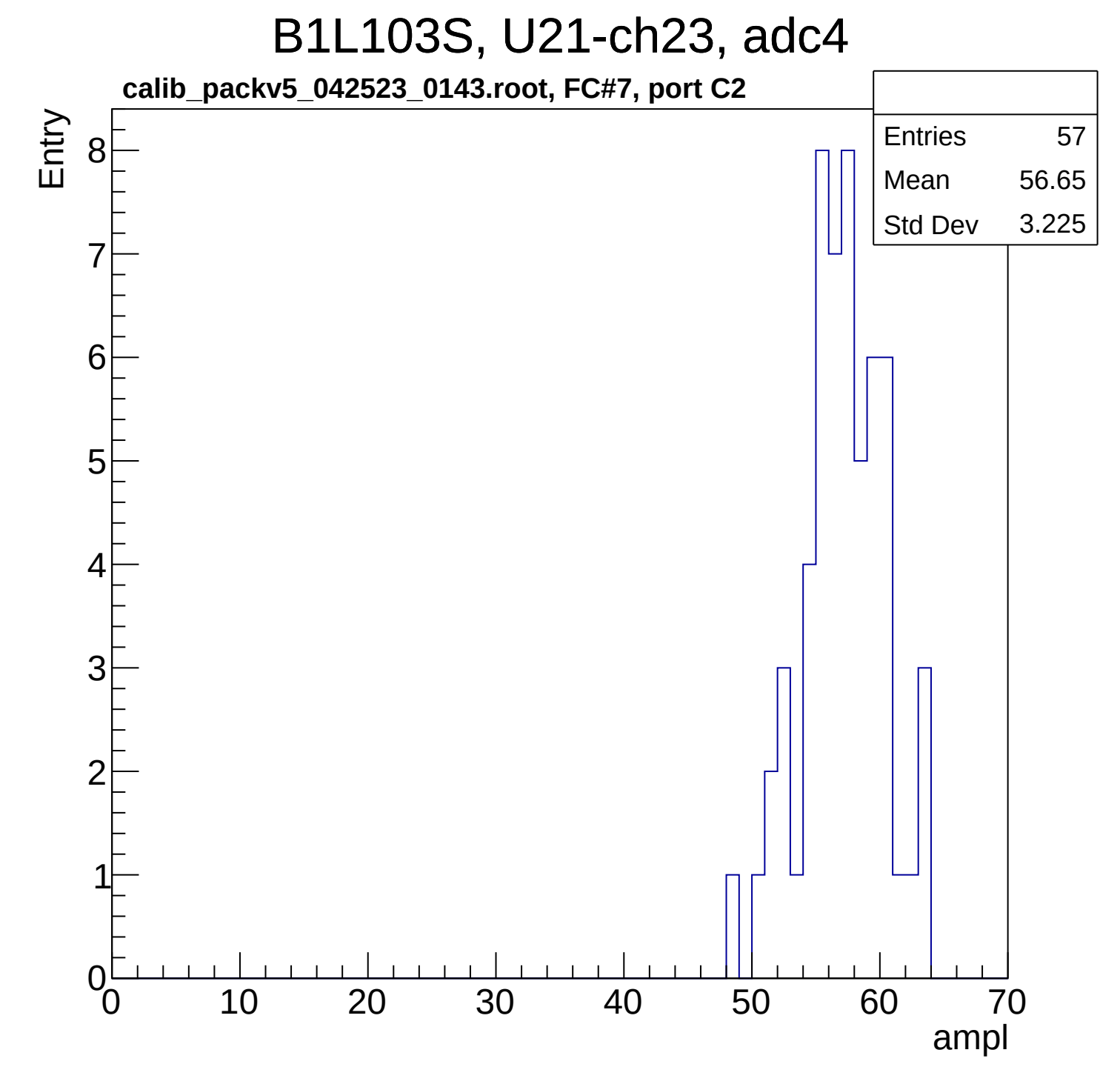
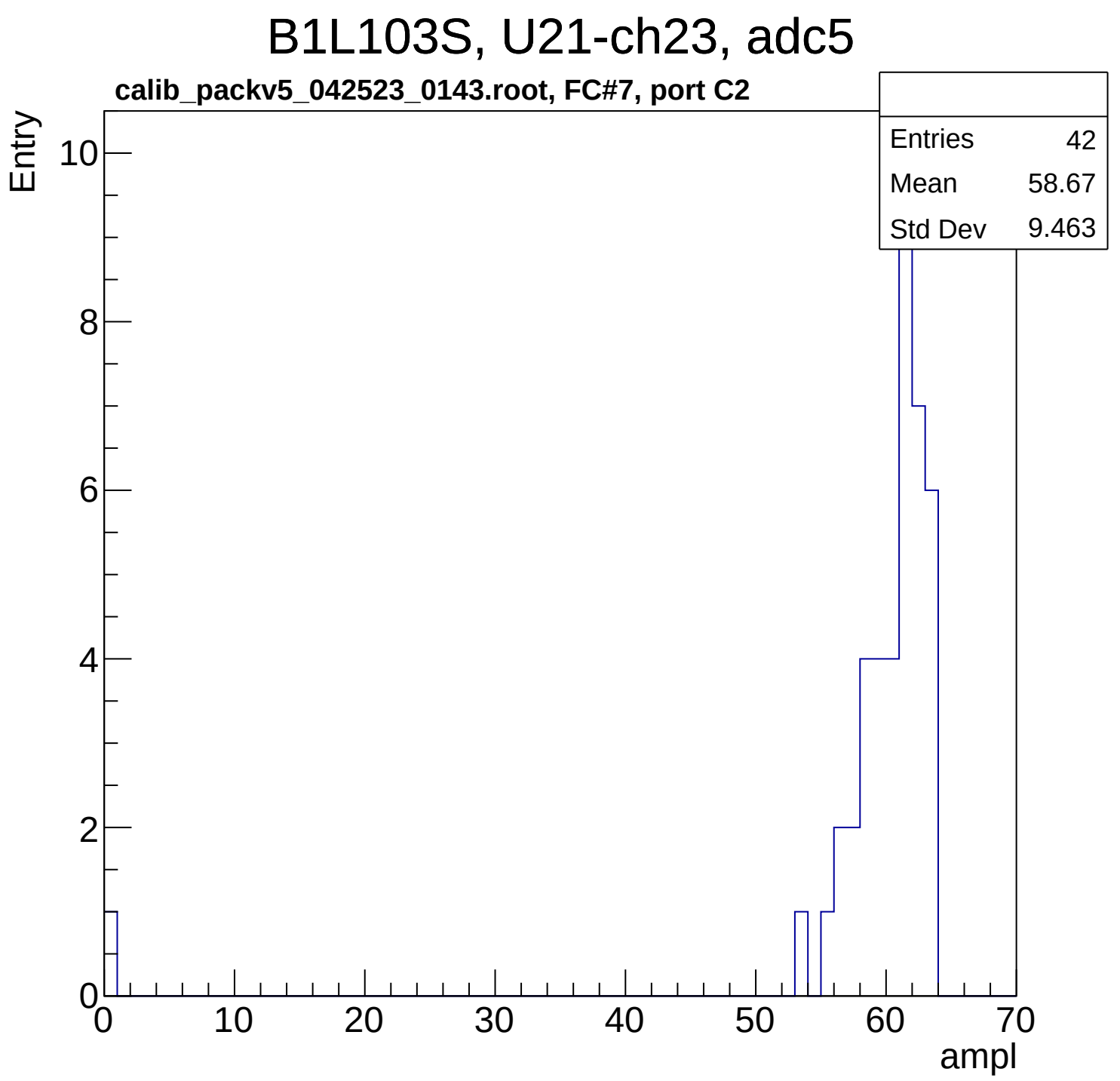
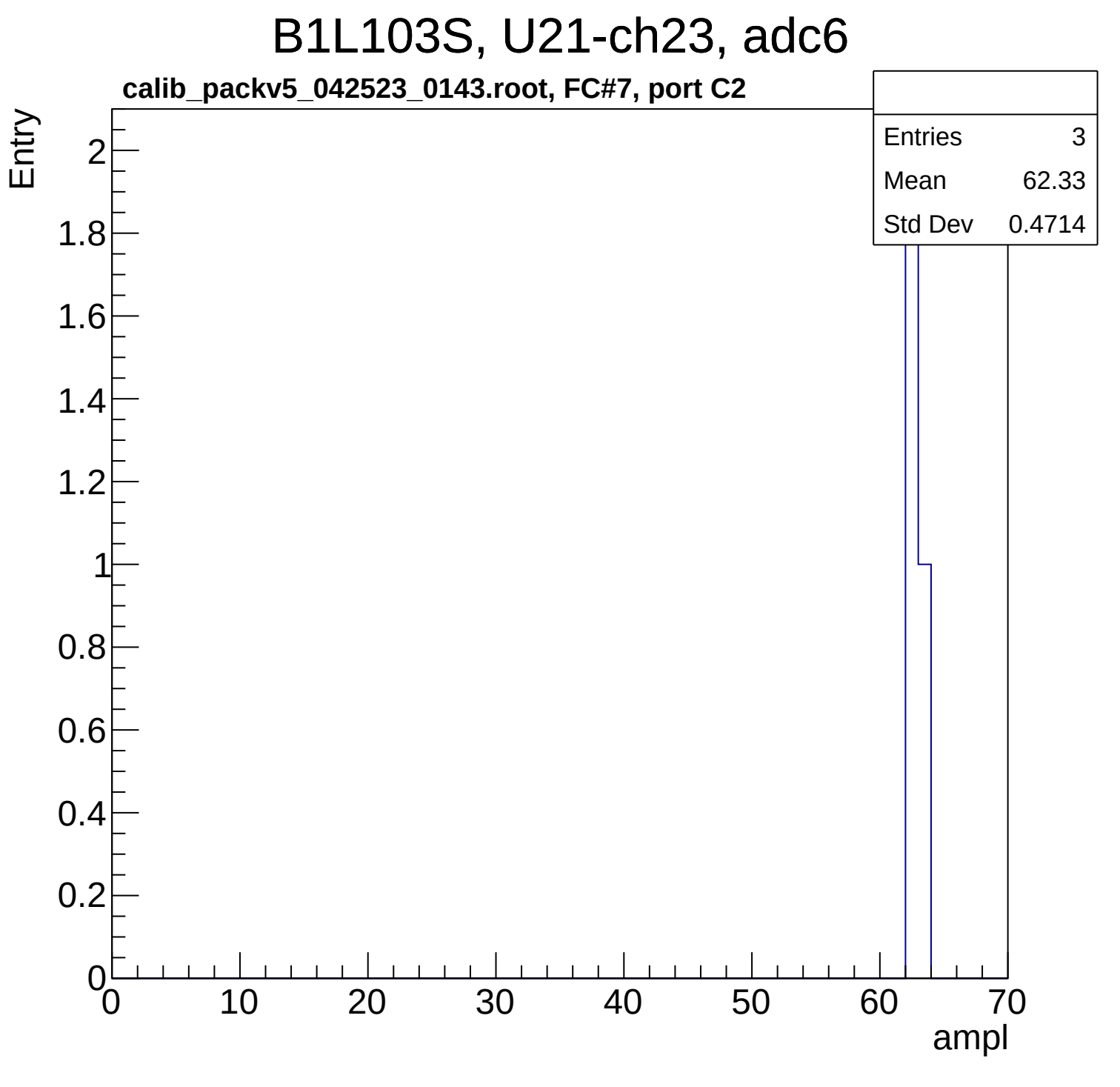
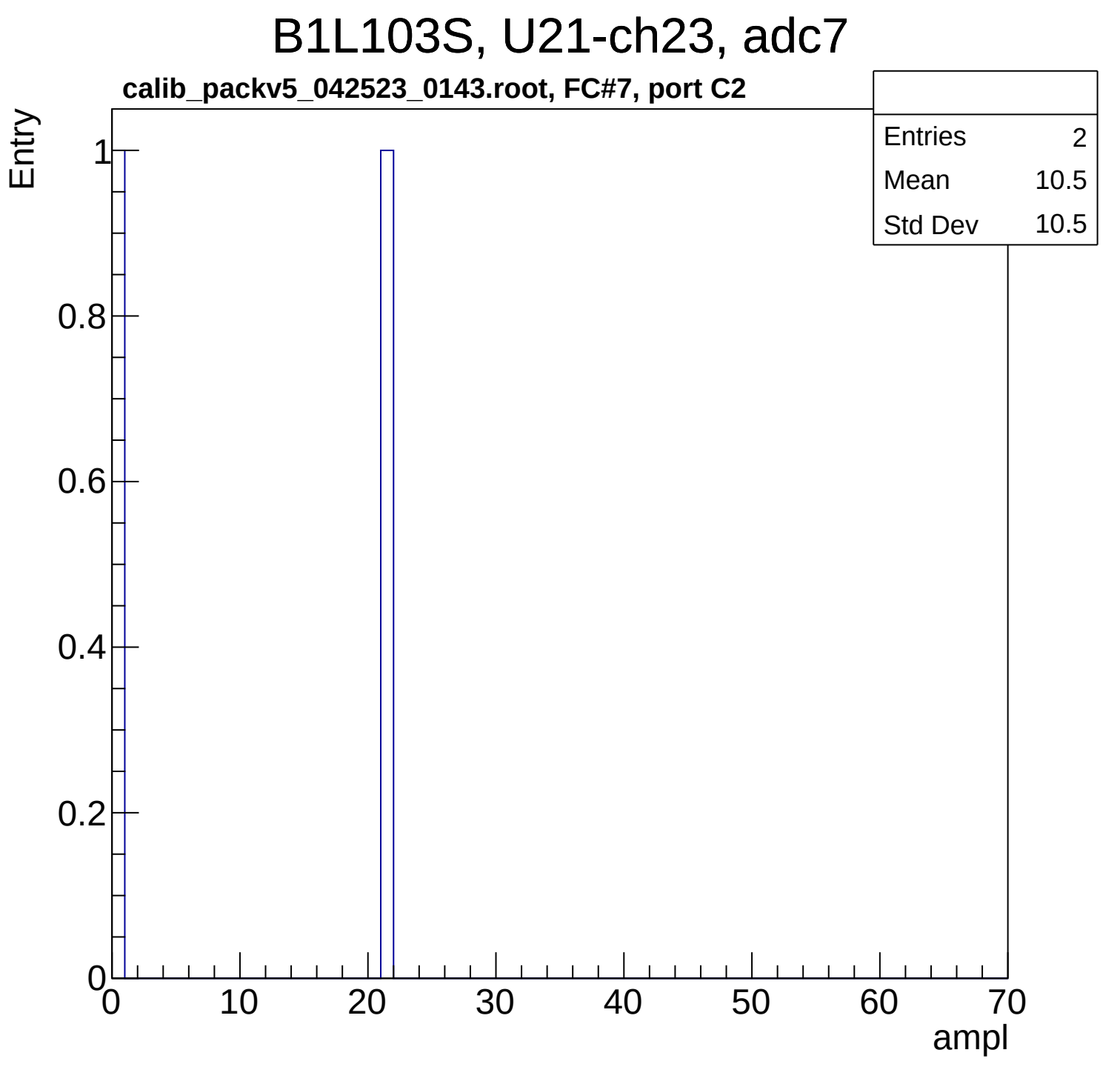
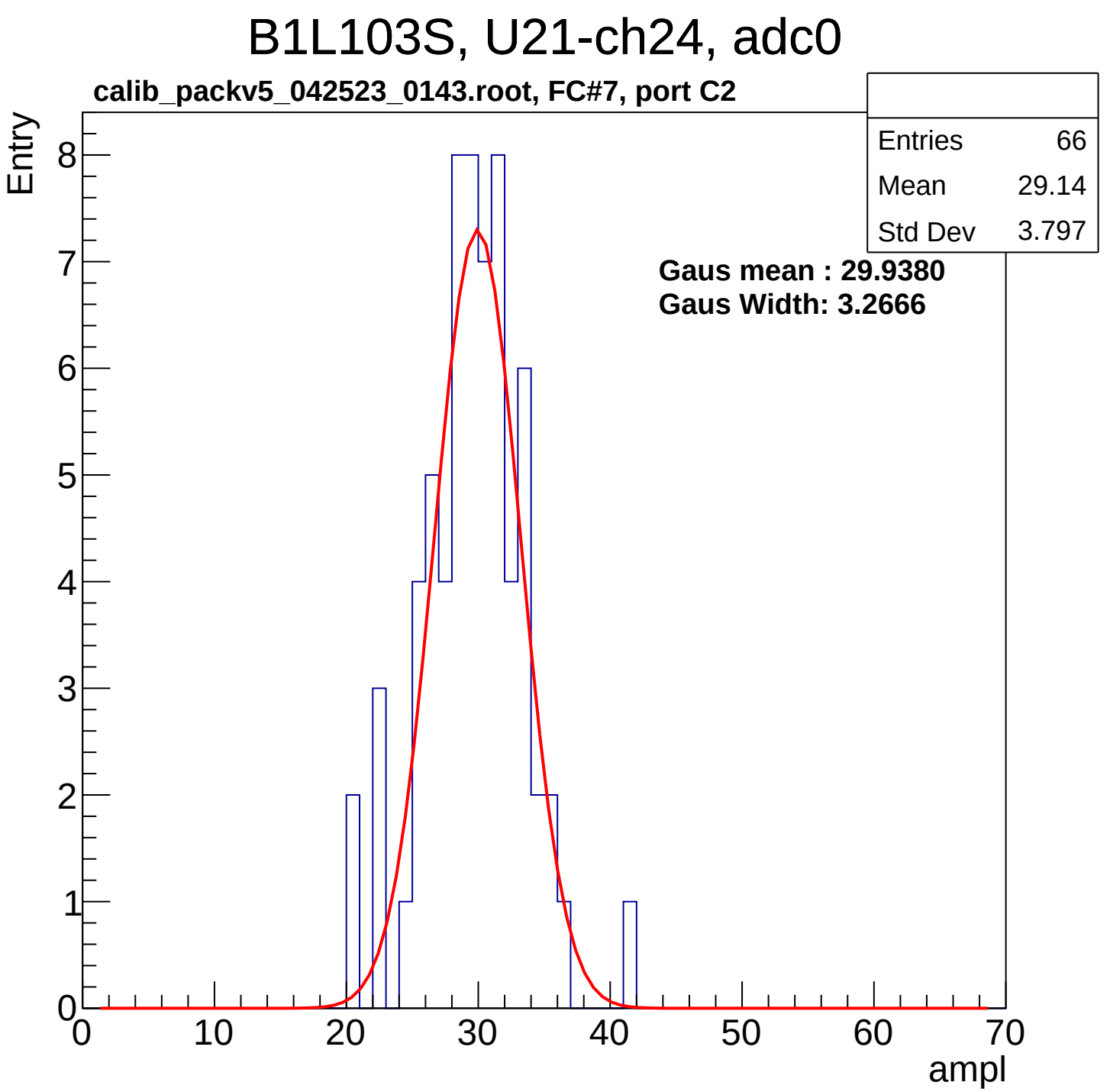

B1L103S, U21-ch23, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 50.39
Std Dev 2.972
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch23, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 56.65
Std Dev 3.225
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch23, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 42
Mean 58.67
Std Dev 9.463
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U21-ch23, 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, U21-ch23, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 10.5
Std Dev 10.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch24, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 29.14
Std Dev 3.797
Gaus mean : 29.9380
Gaus Width: 3.2666
Entry
ampl
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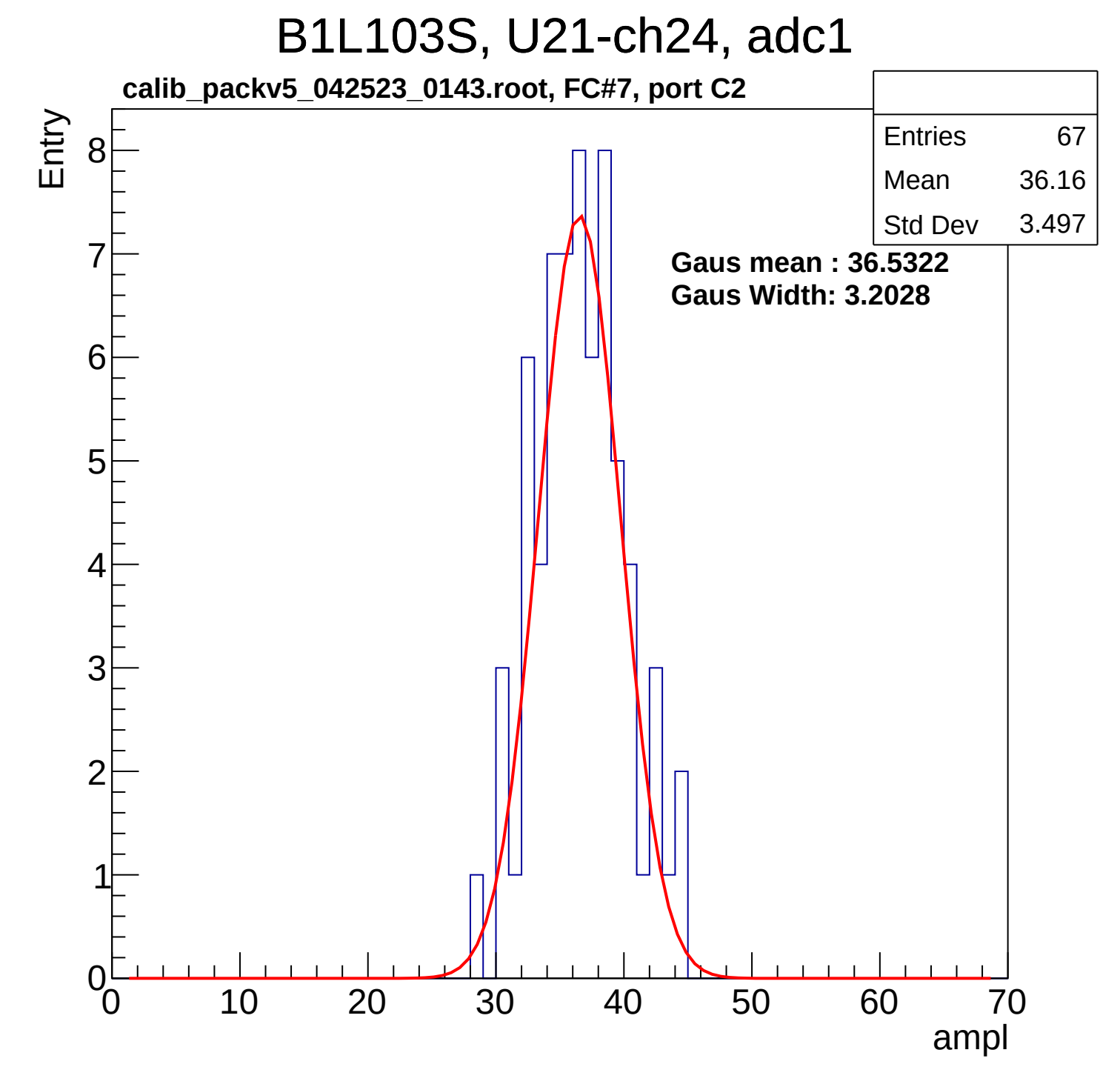
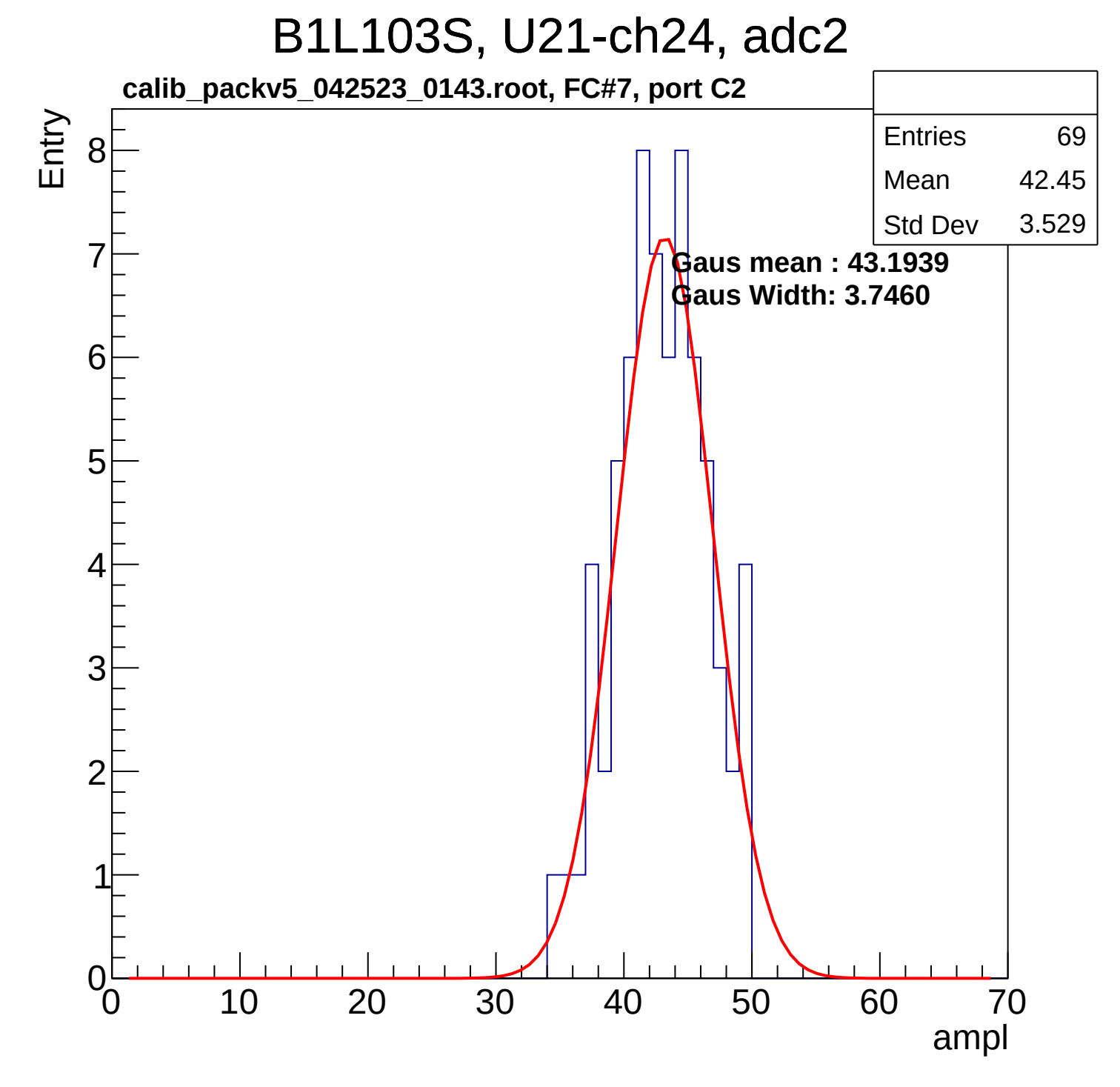
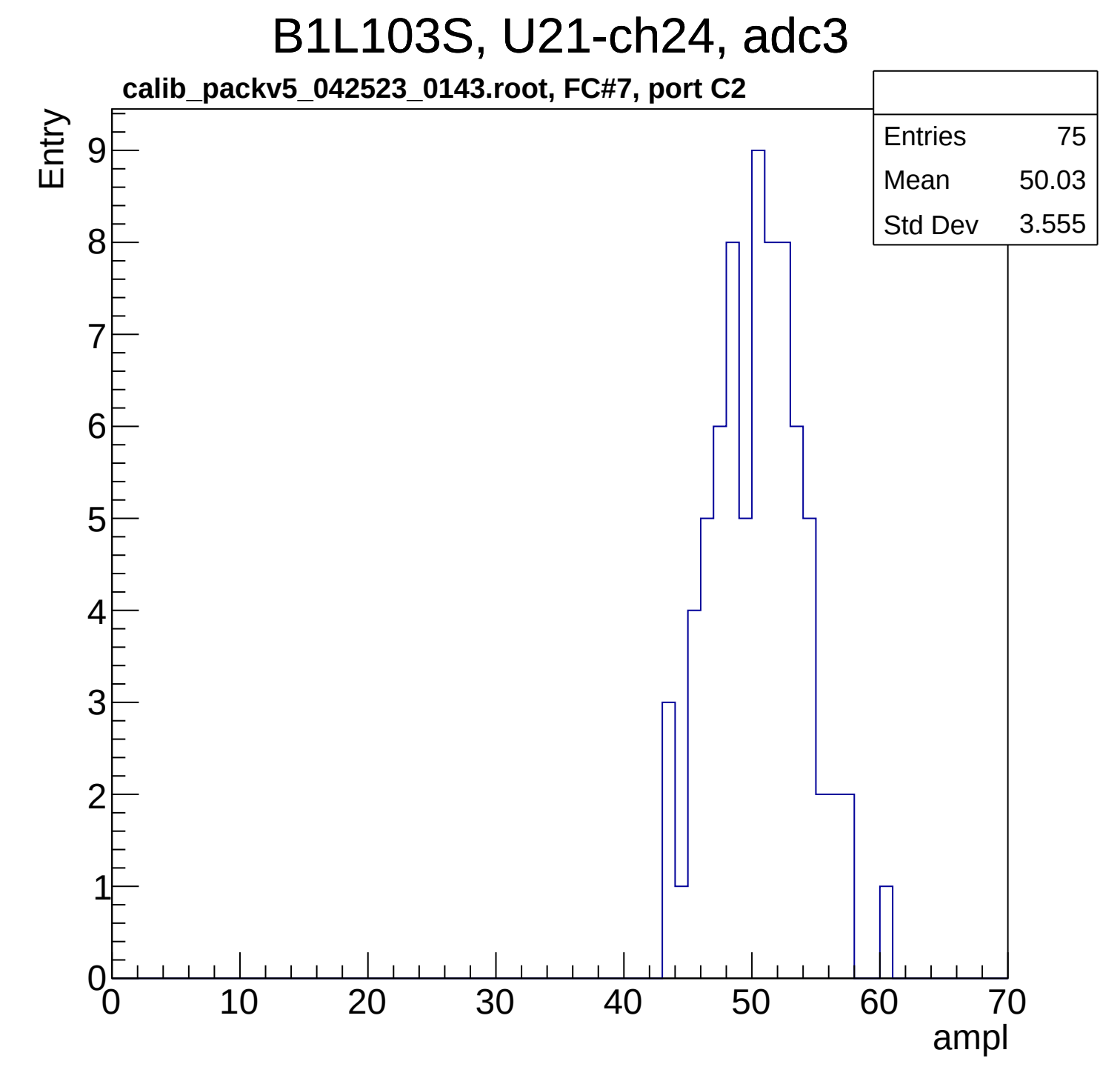
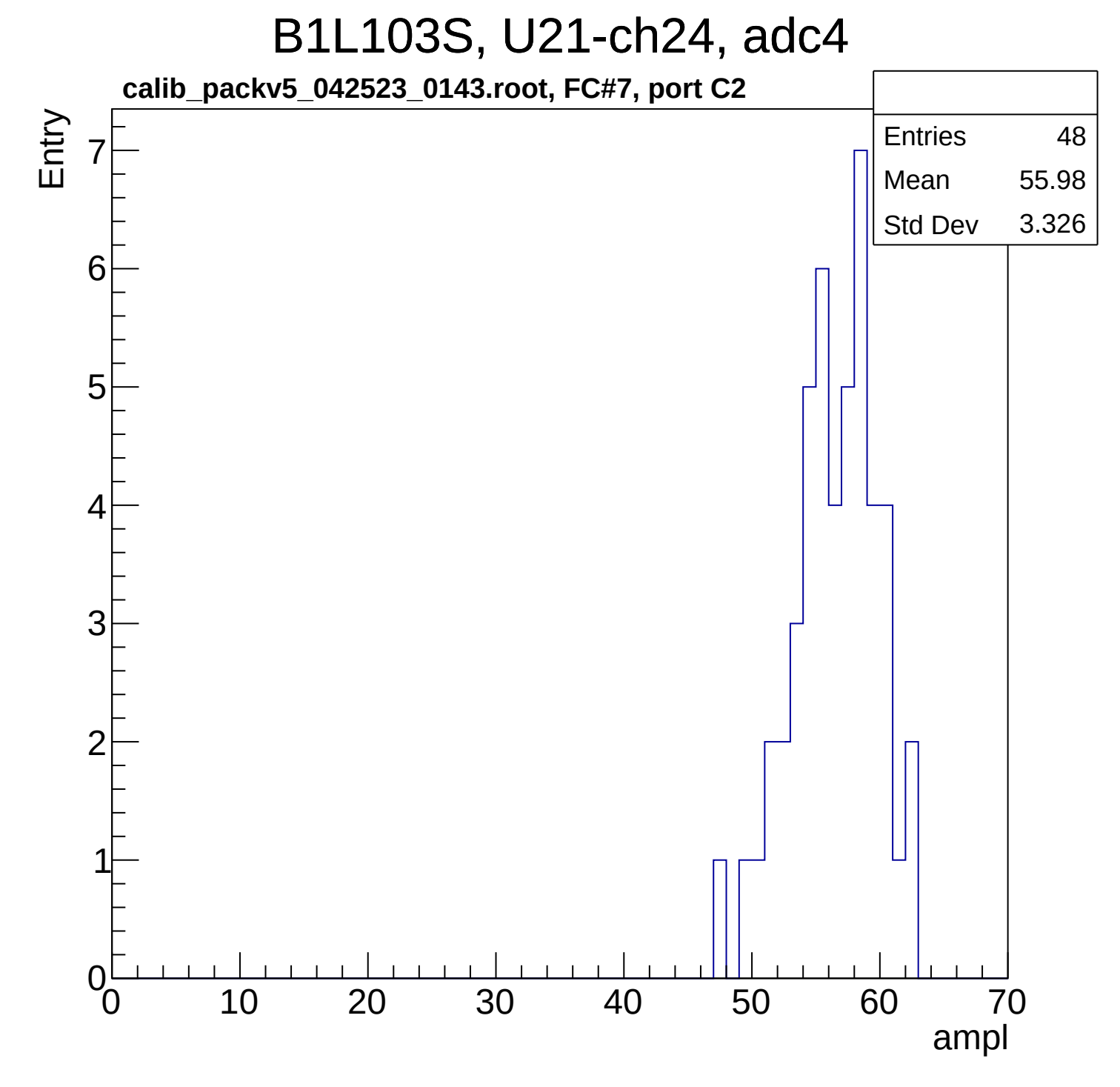
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch24, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 36.16
Std Dev 3.497
Gaus mean : 36.5322
Gaus Width: 3.2028
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch24, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 42.45
Std Dev 3.529
Gaus mean : 43.1939
Gaus Width: 3.7460
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch24, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 75
Mean 50.03
Std Dev 3.555
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch24, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 48
Mean 55.98
Std Dev 3.326
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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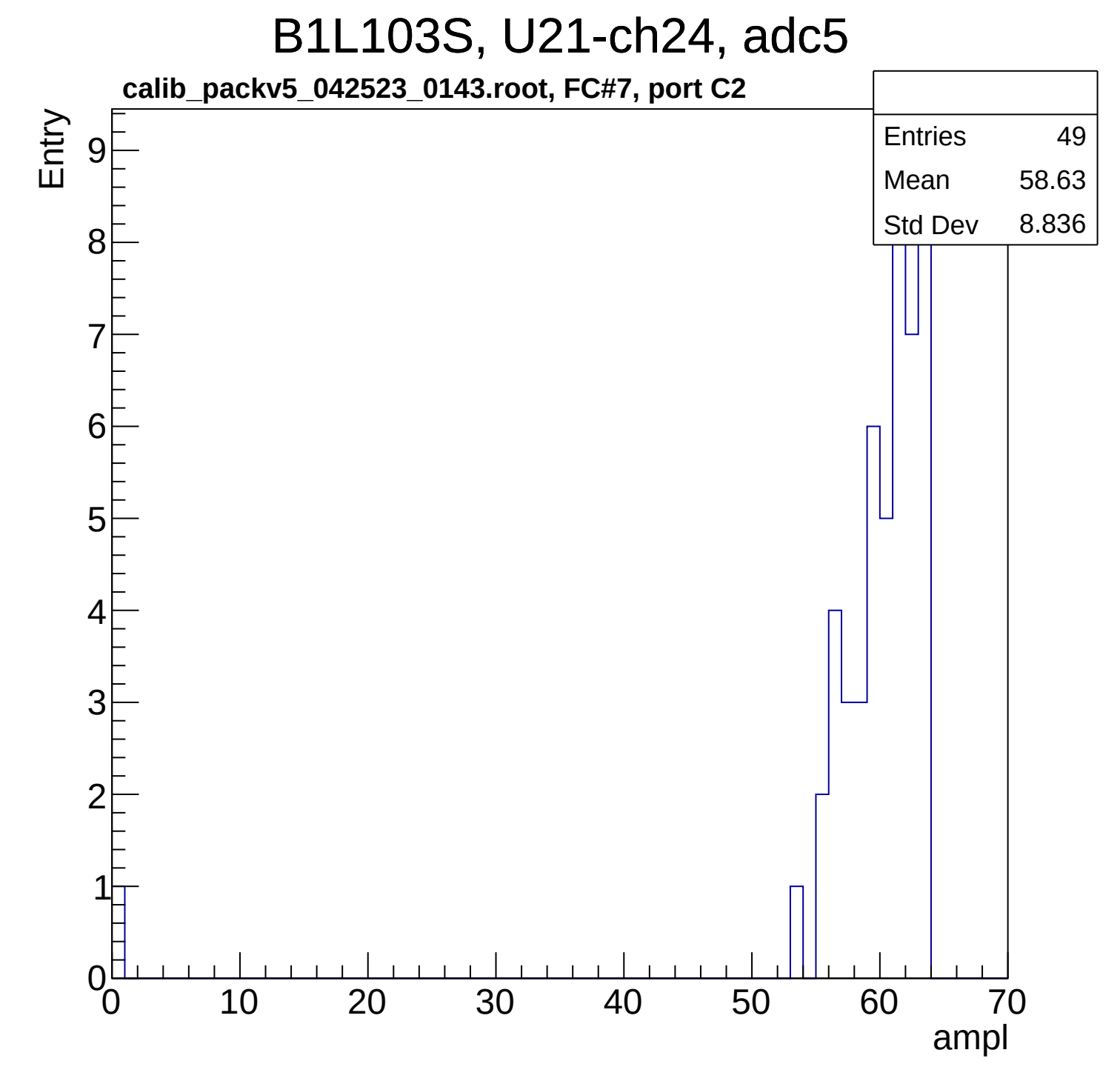
B1L103S, U21-ch24, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 58.63
Std Dev 8.836
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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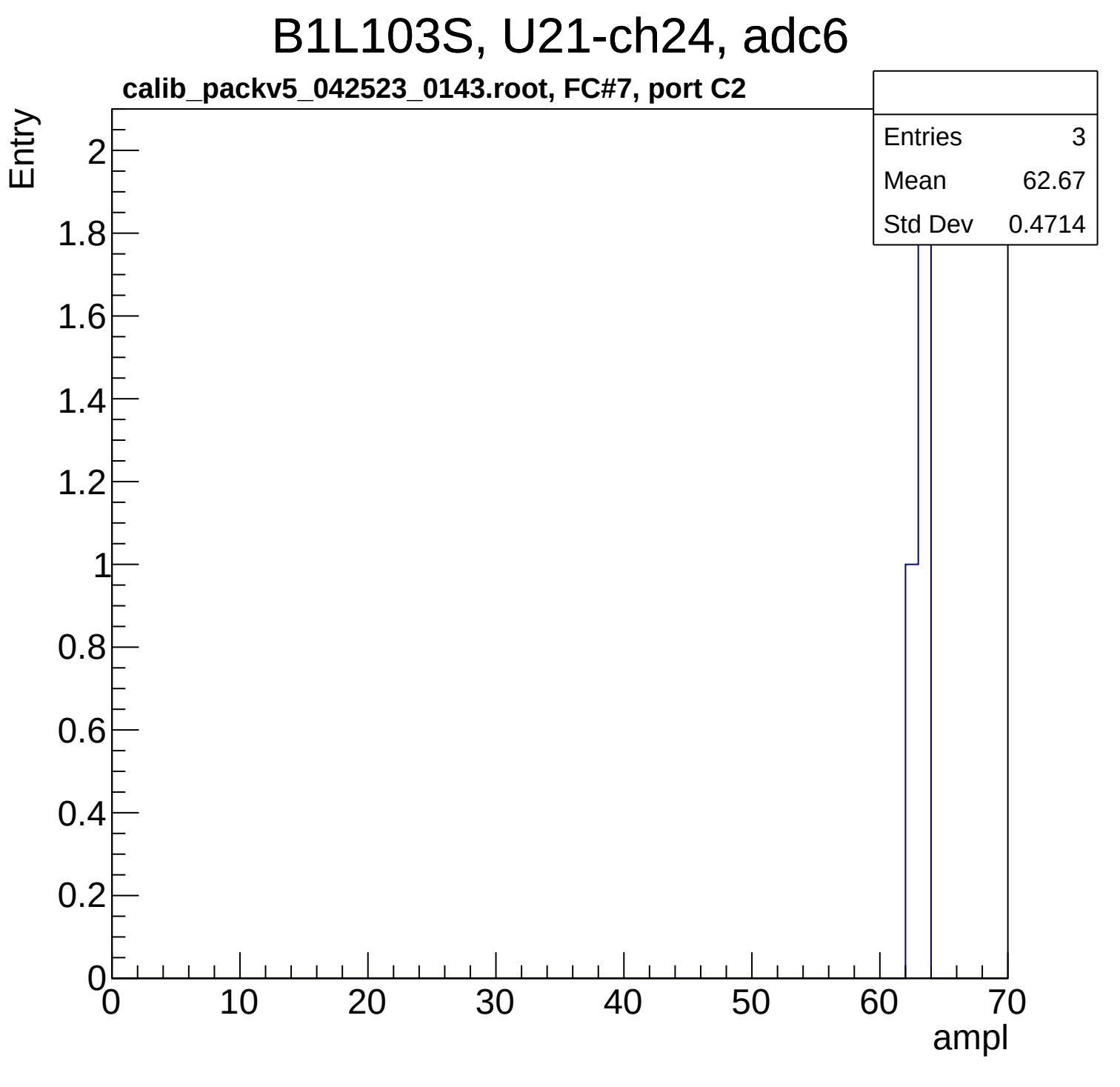
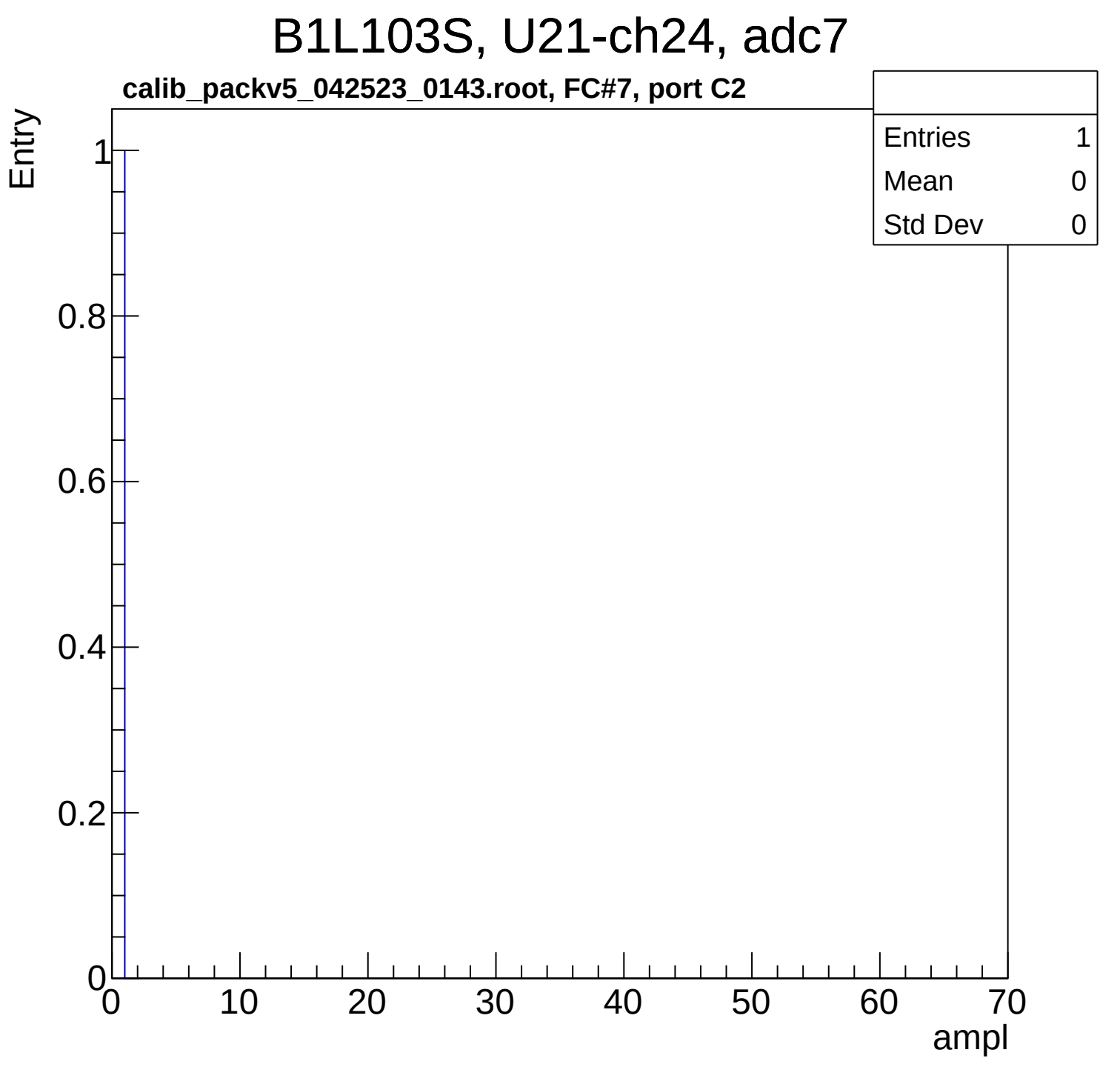
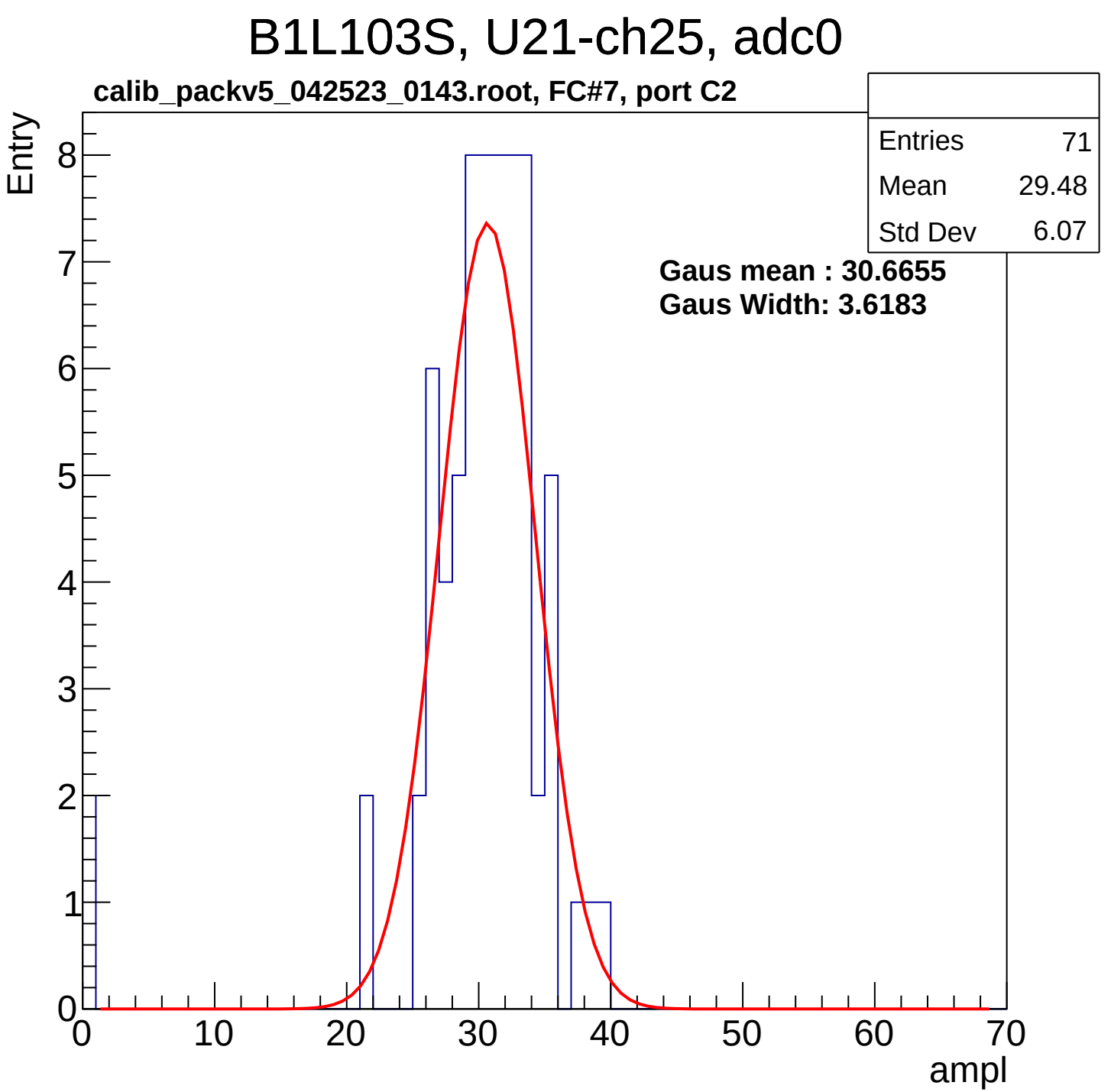
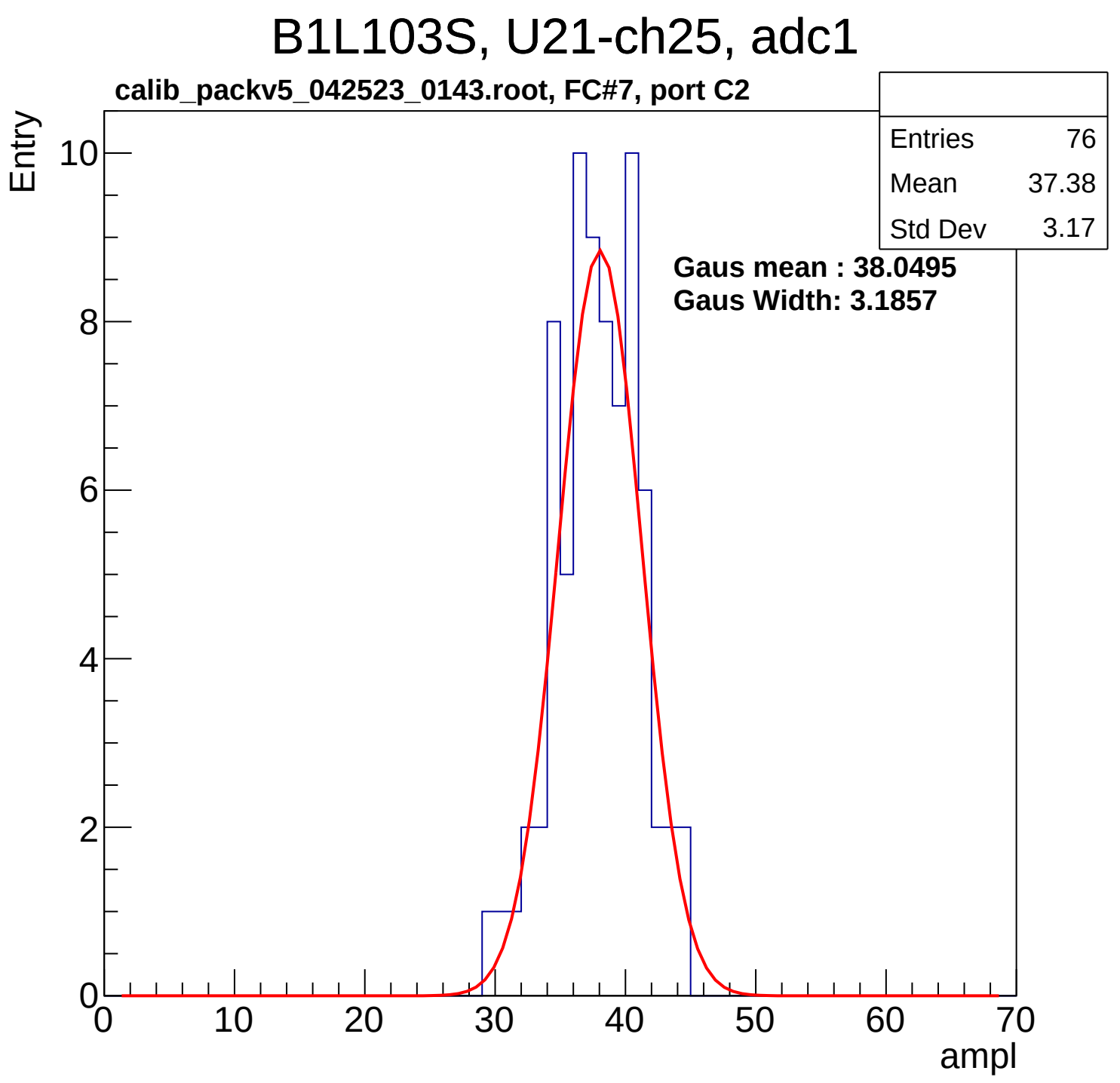
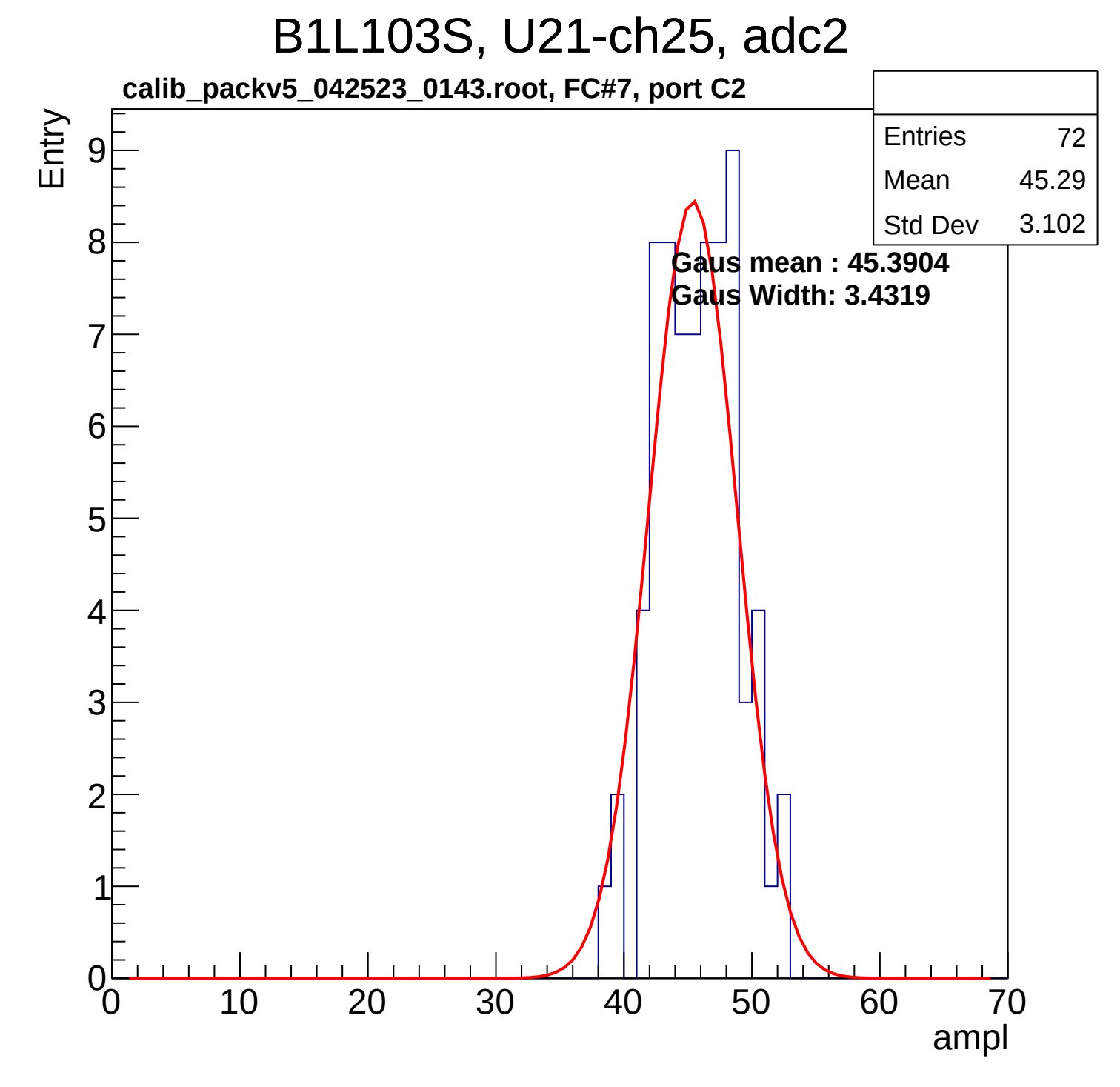

B1L103S, U21-ch24, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 62.67
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L103S, U21-ch24, 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, U21-ch25, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 29.48
Std Dev 6.07
Gaus mean : 30.6655
Gaus Width: 3.6183
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch25, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 37.38
Std Dev 3.17
Gaus mean : 38.0495
Gaus Width: 3.1857
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U21-ch25, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 45.29
Std Dev 3.102
Gaus mean : 45.3904
Gaus Width: 3.4319
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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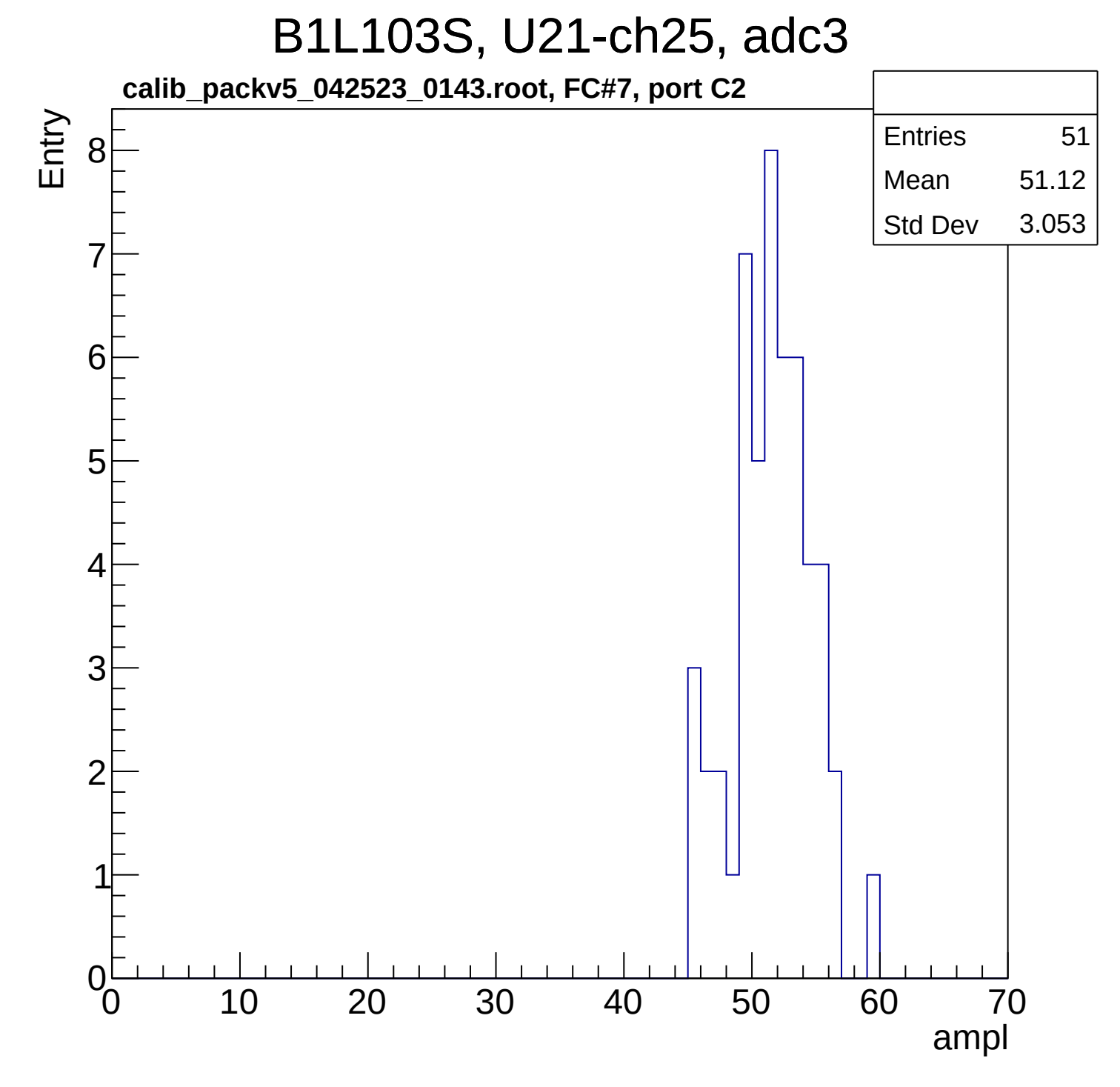
B1L103S, U21-ch25, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 51.12
Std Dev 3.053
Entry
ampl
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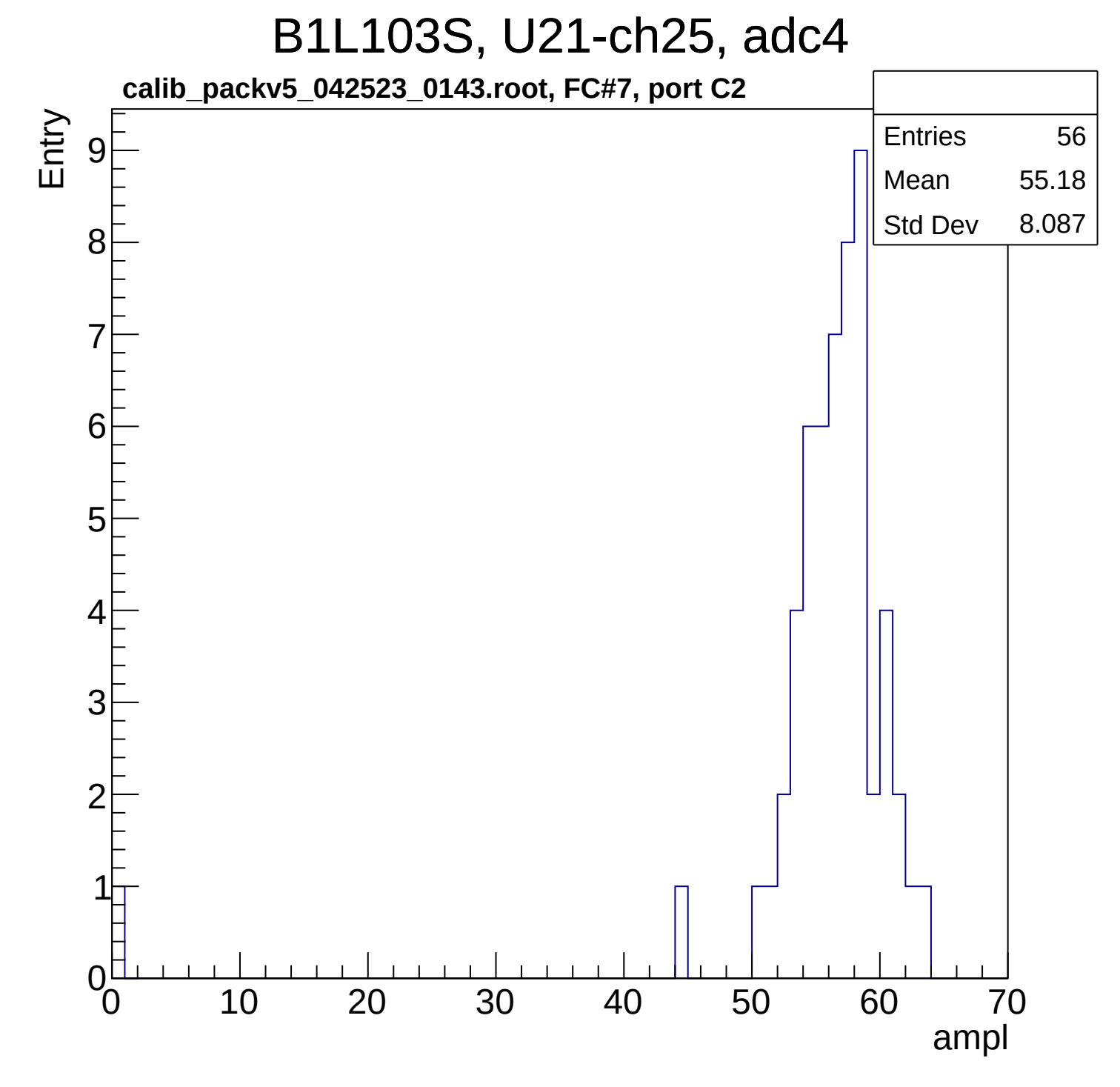
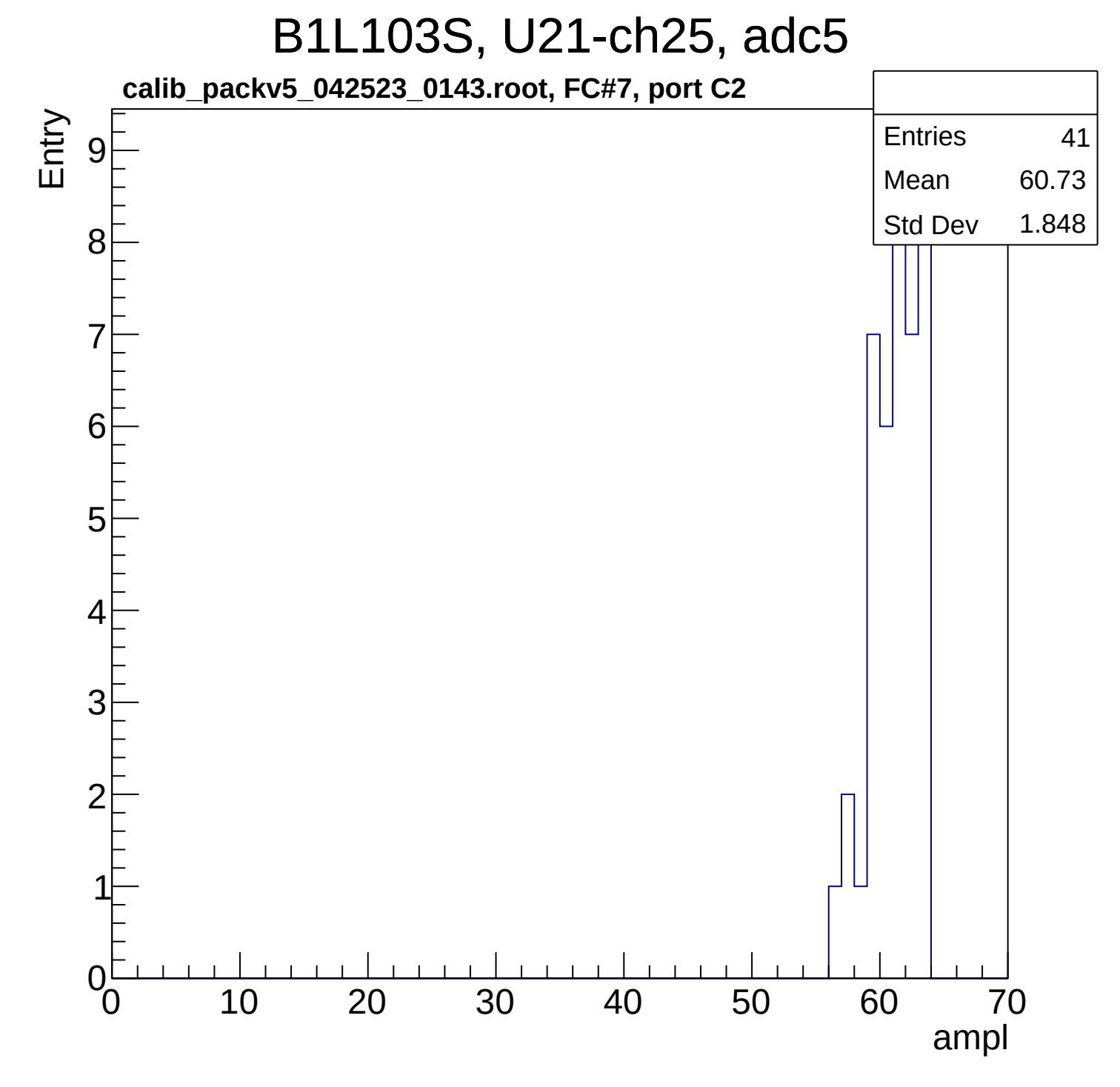
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch25, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 55.18
Std Dev 8.087
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch25, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 41
Mean 60.73
Std Dev 1.848
Entry
ampl
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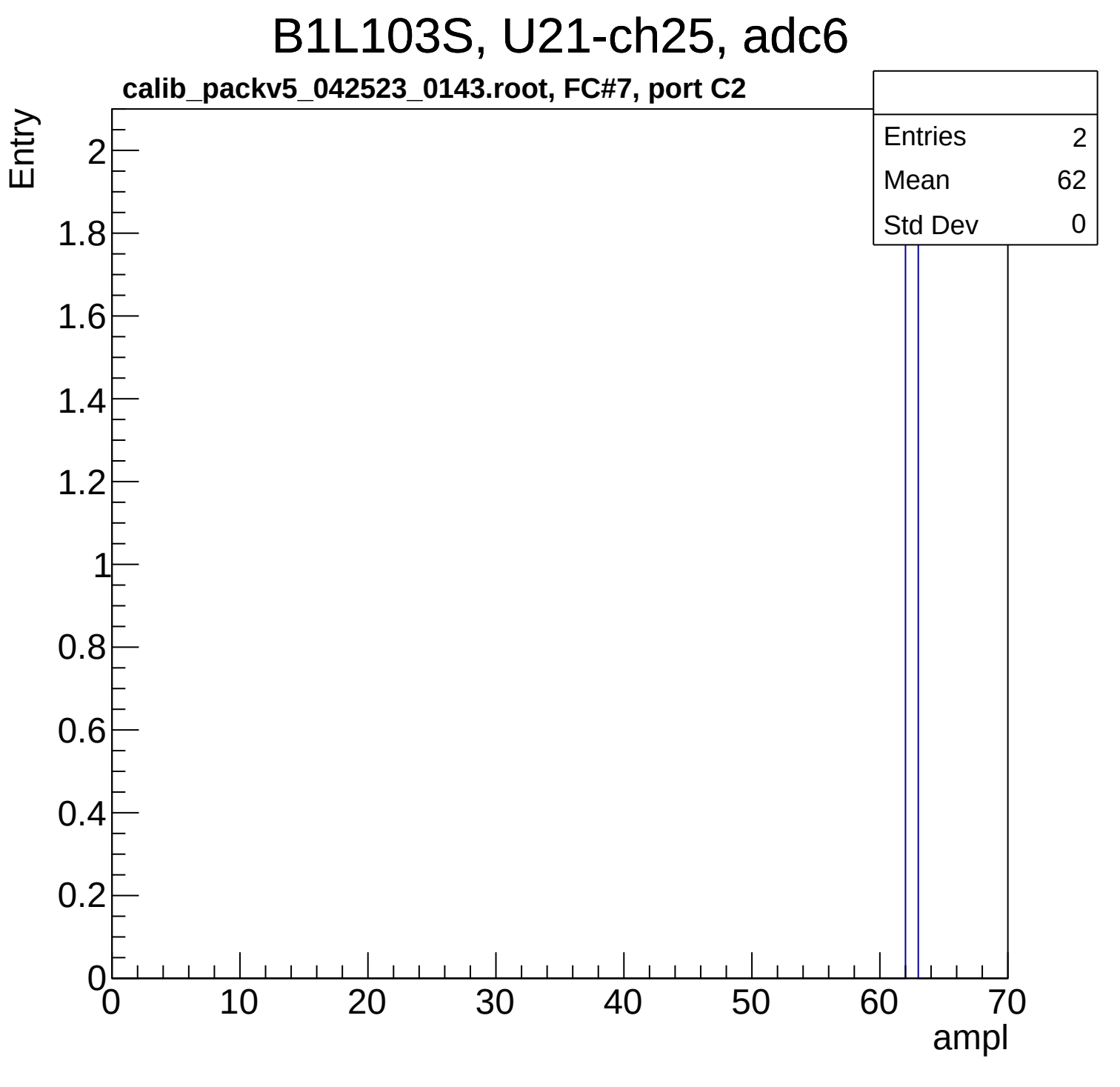
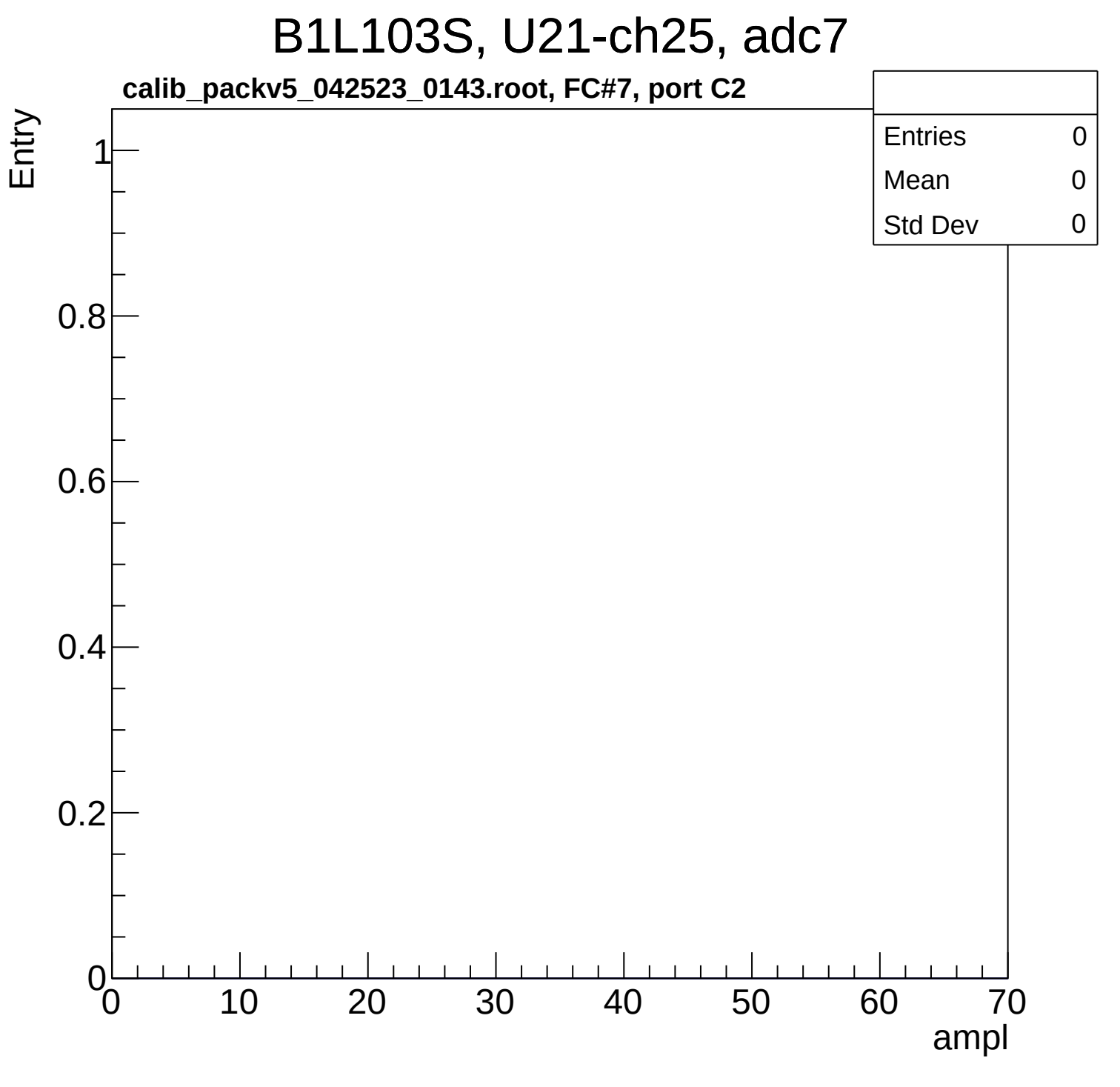
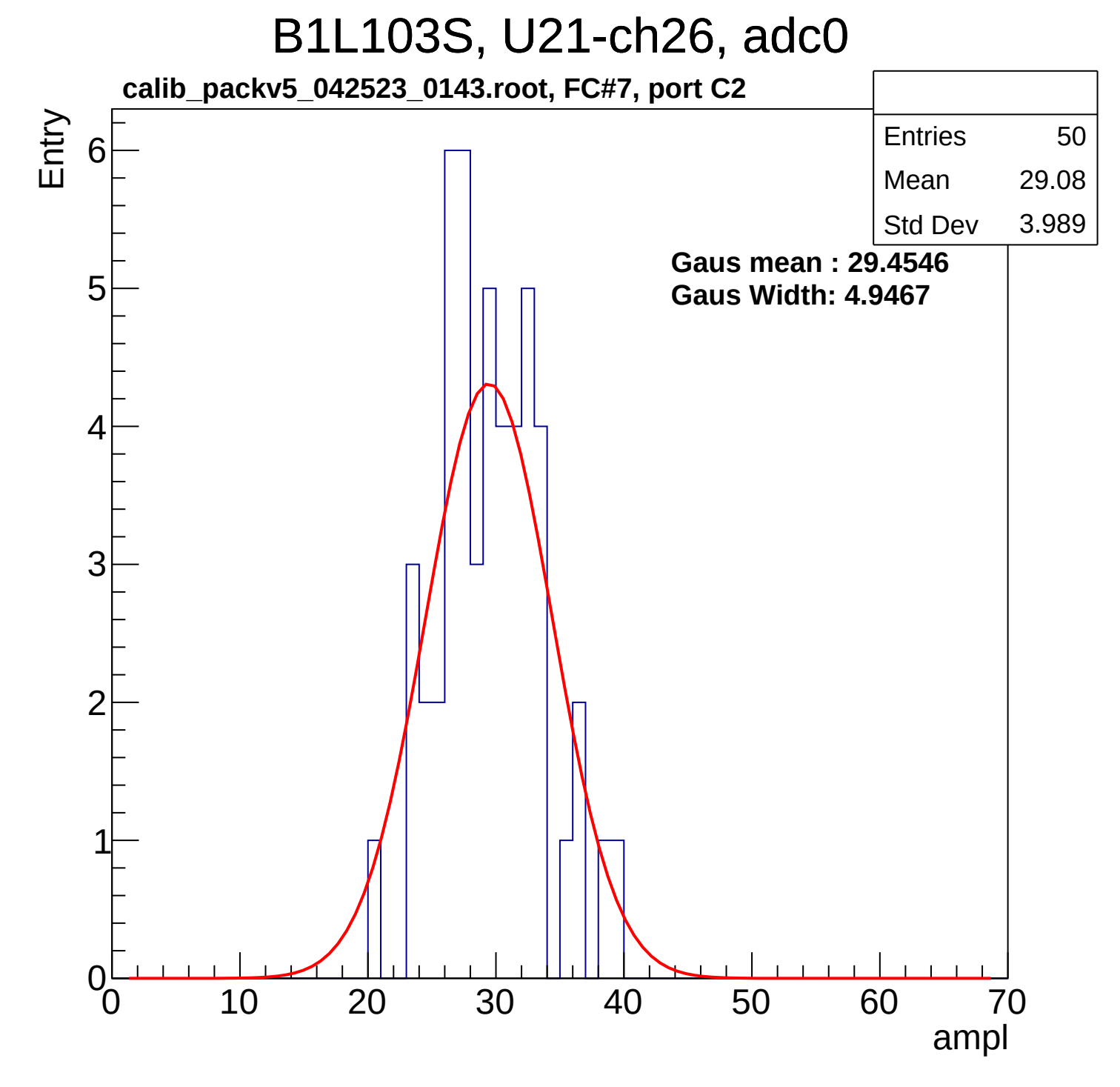
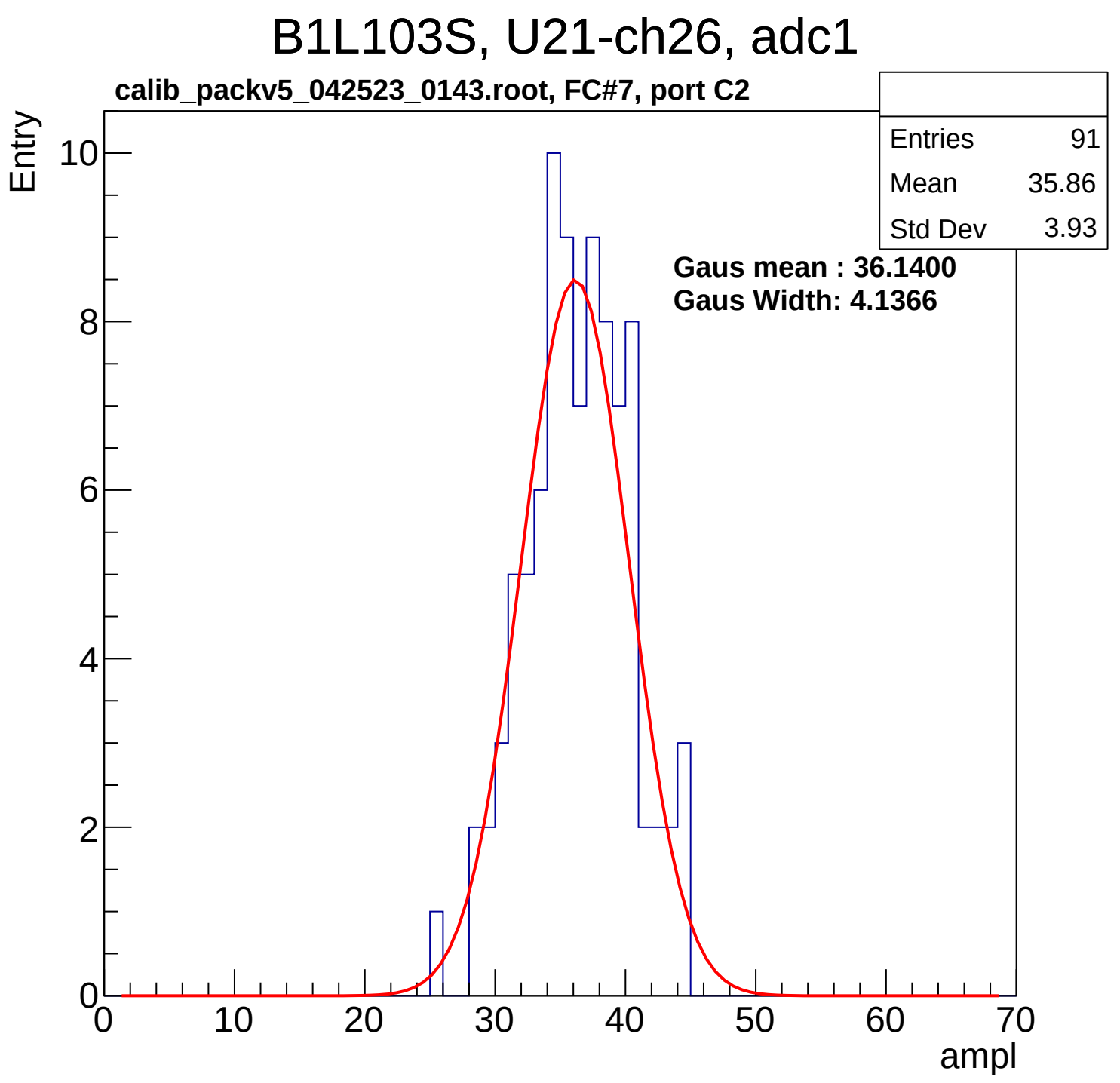
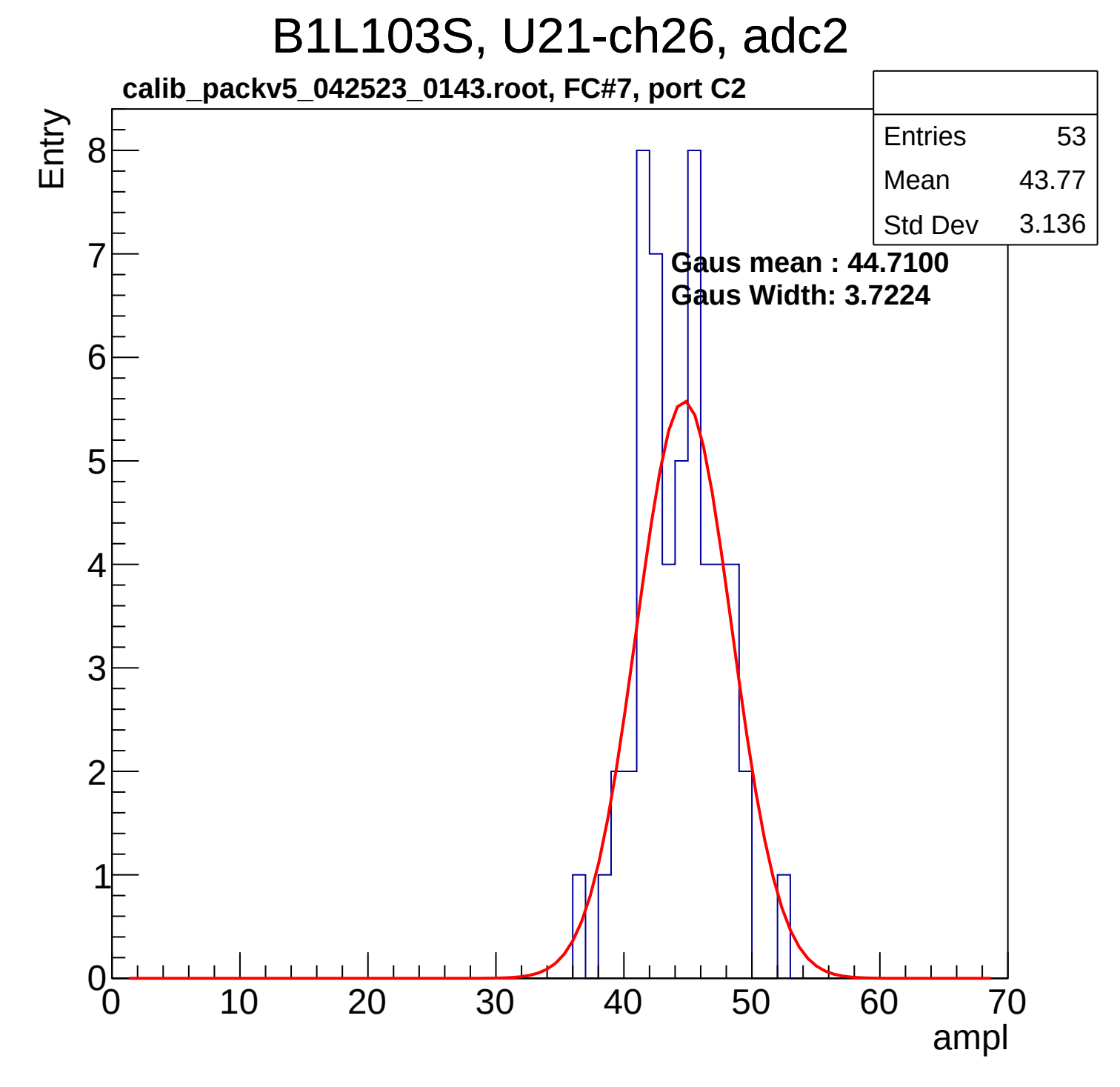
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

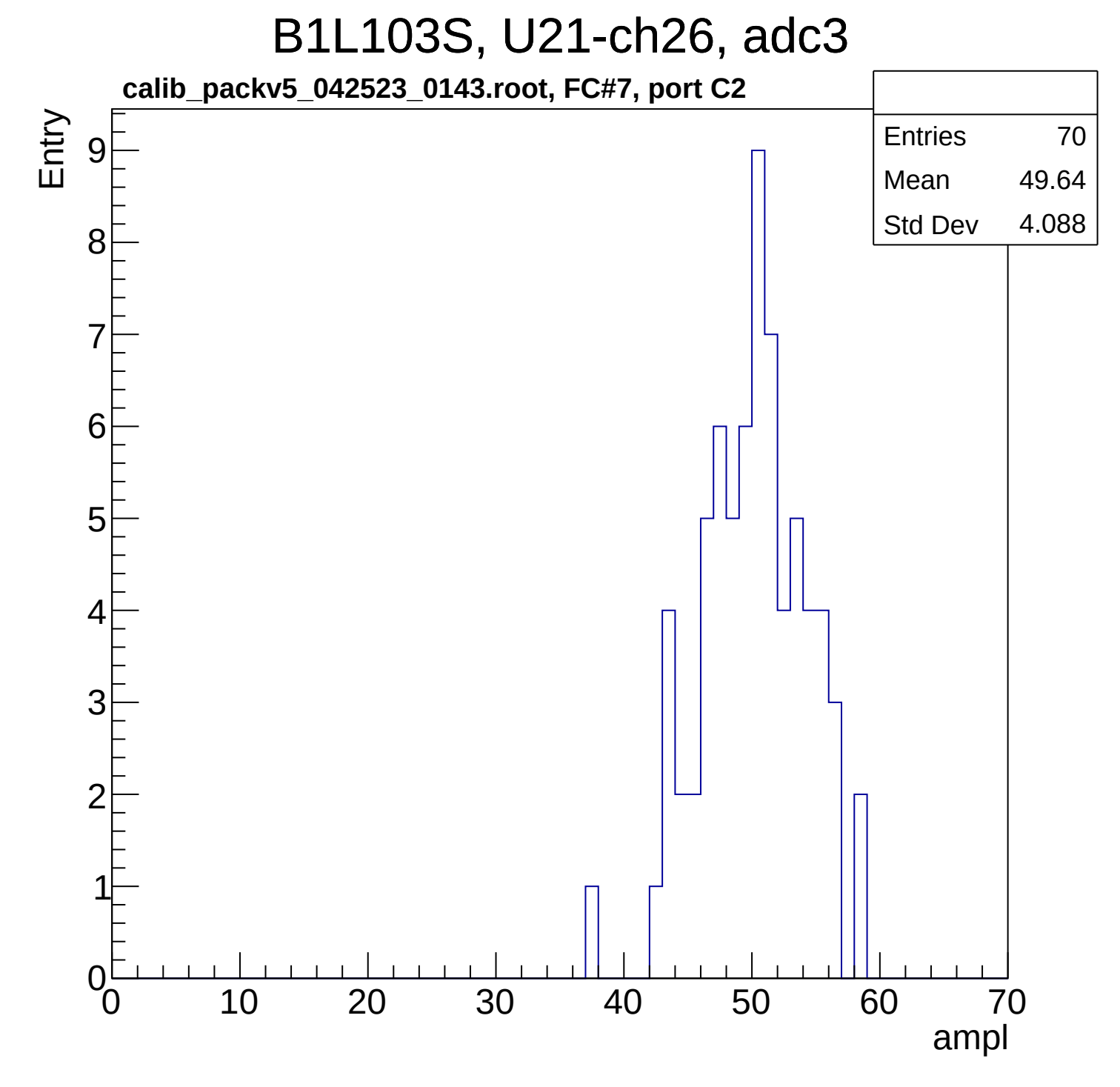

B1L103S, U21-ch25, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 62
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L103S, U21-ch25, 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, U21-ch26, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 50
Mean 29.08
Std Dev 3.989
Gaus mean : 29.4546
Gaus Width: 4.9467
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L103S, U21-ch26, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 91
Mean 35.86
Std Dev 3.93
Gaus mean : 36.1400
Gaus Width: 4.1366
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U21-ch26, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 53
Mean 43.77
Std Dev 3.136
Gaus mean : 44.7100
Gaus Width: 3.7224
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch26, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 49.64
Std Dev 4.088
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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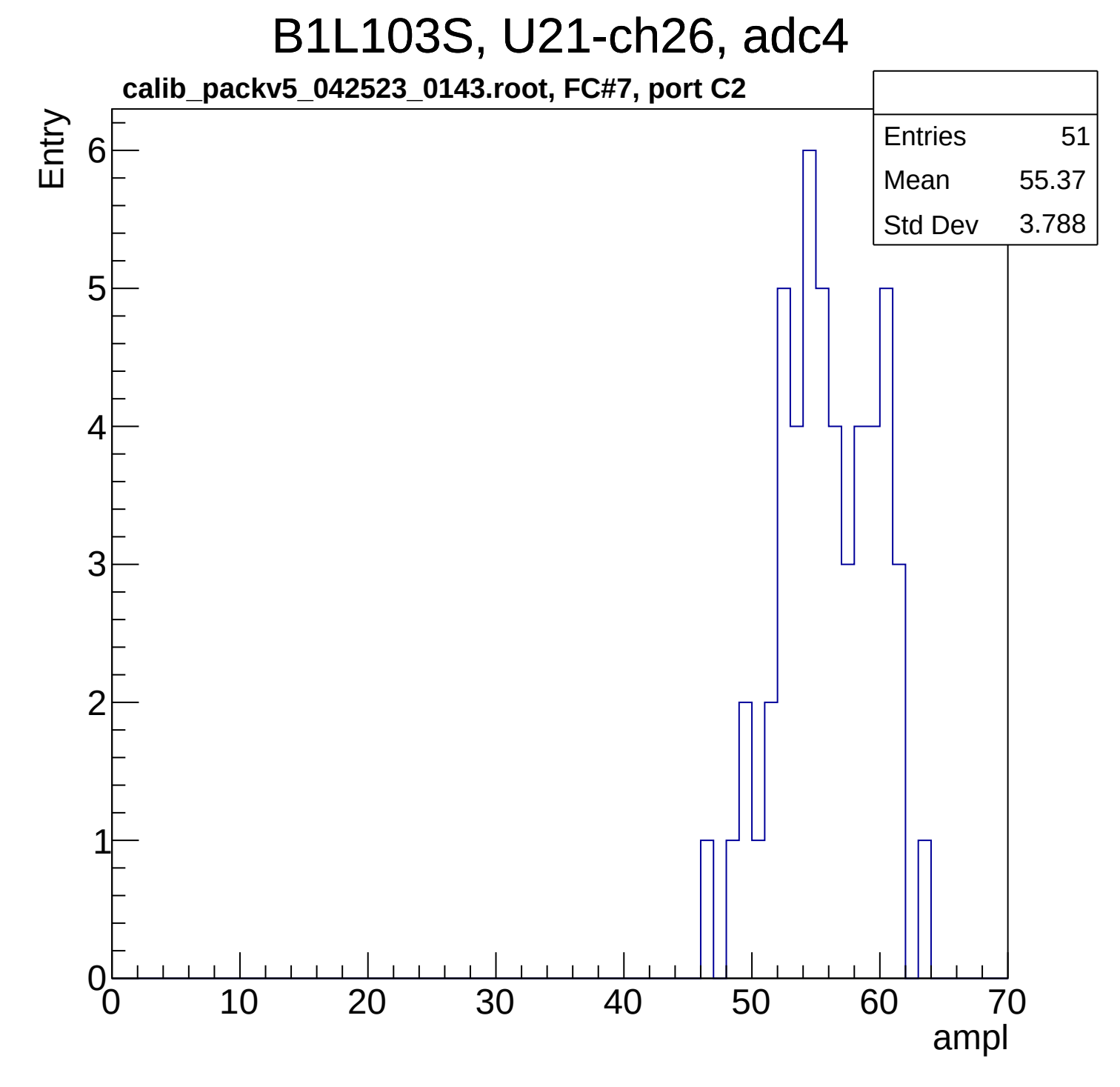
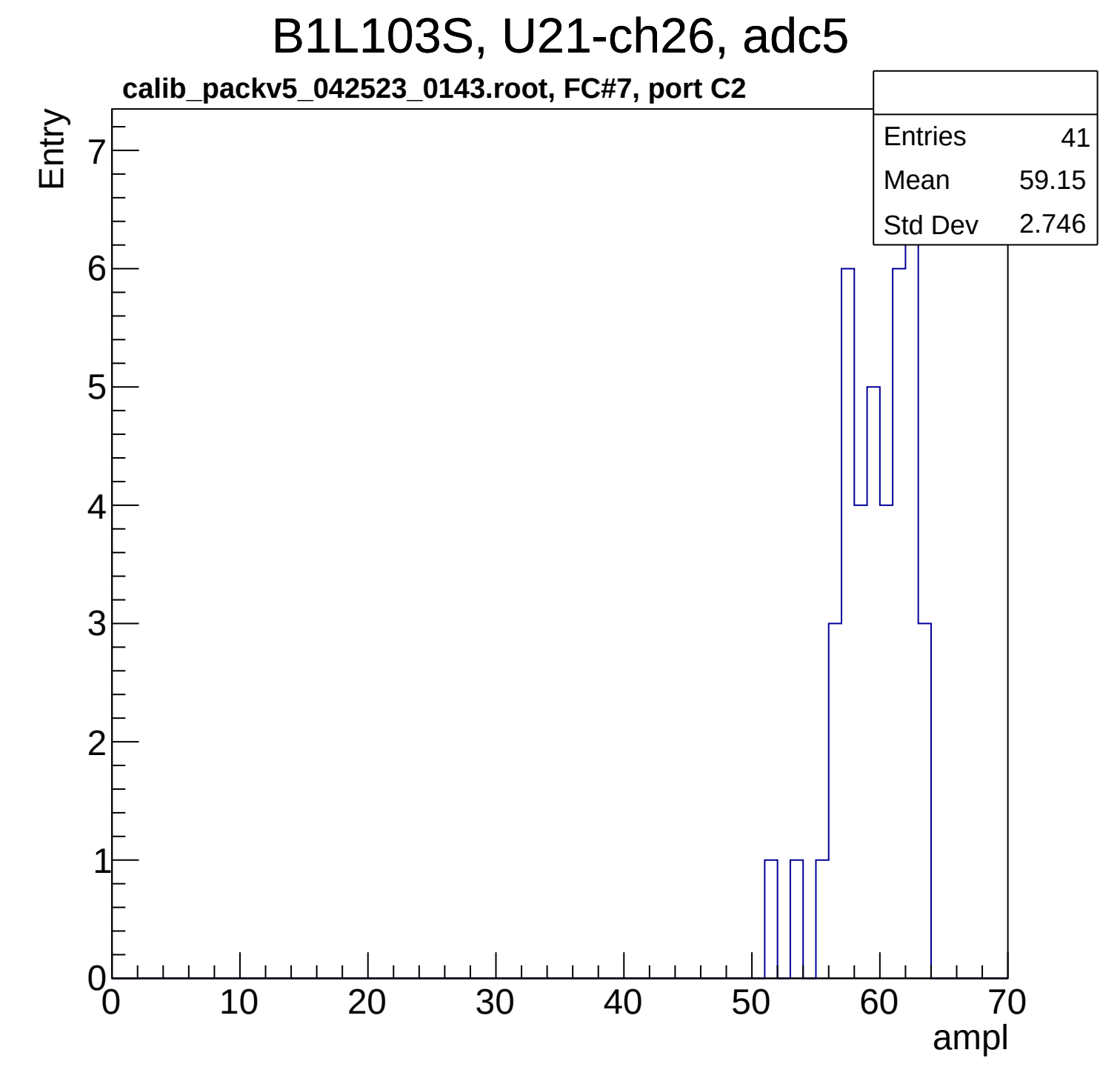
40
50
60
70


B1L103S, U21-ch26, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 55.37
Std Dev 3.788
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch26, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 41
Mean 59.15
Std Dev 2.746
Entry
ampl
0
1
2
3
4
5
6
7
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10
20
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40
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60
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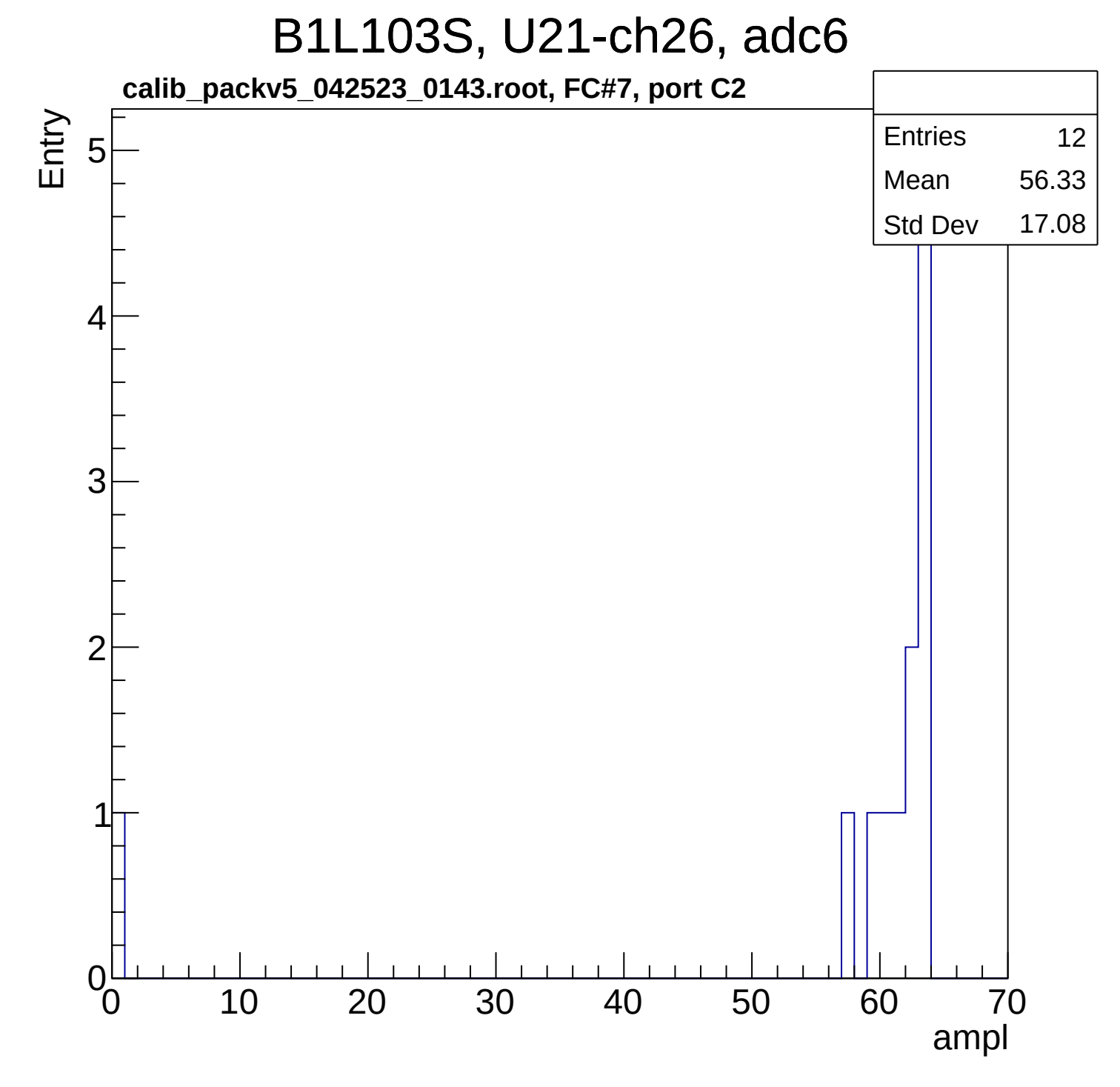
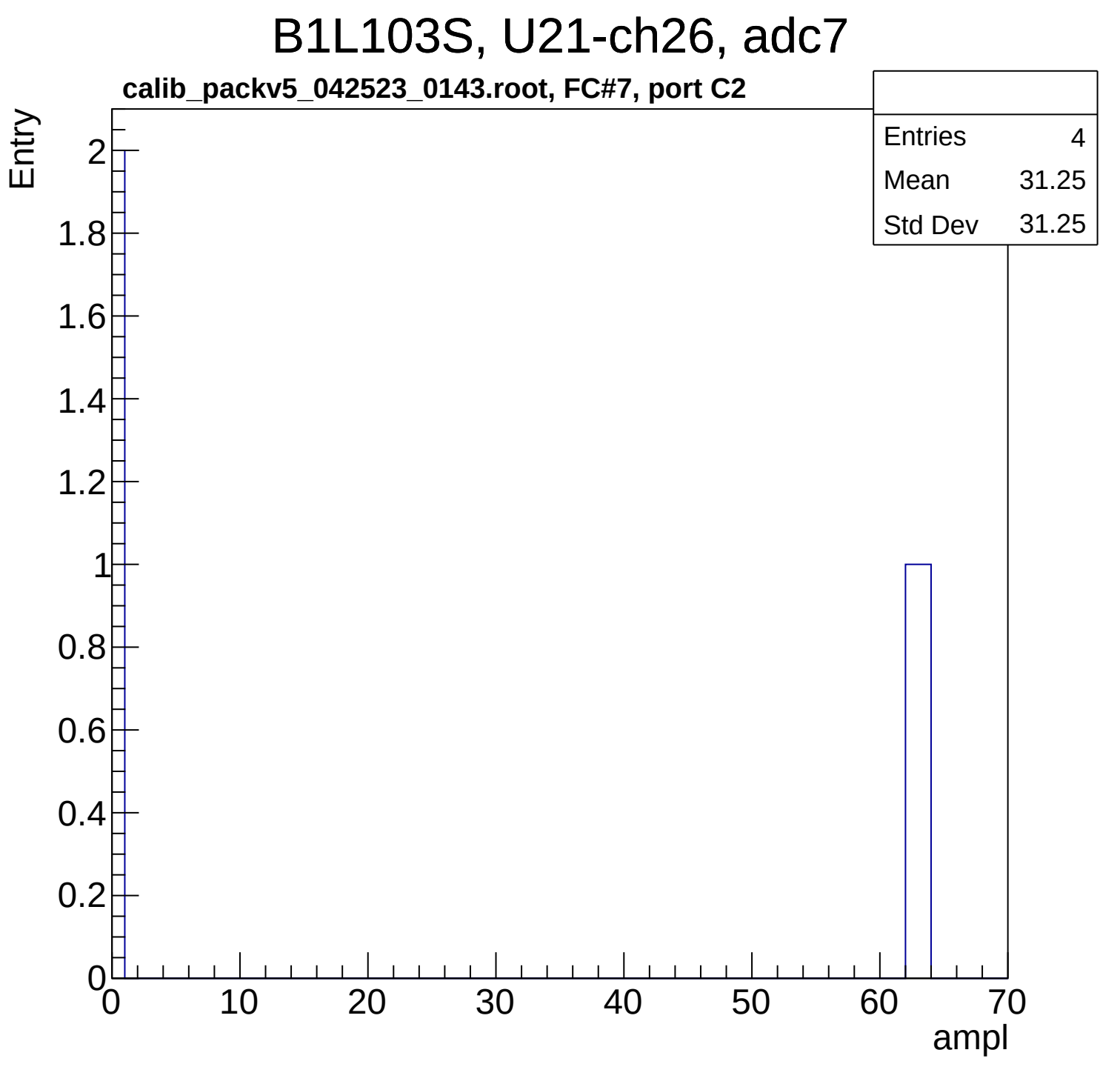

B1L103S, U21-ch26, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 12
Mean 56.33
Std Dev 17.08
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch26, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 4
Mean 31.25
Std Dev 31.25
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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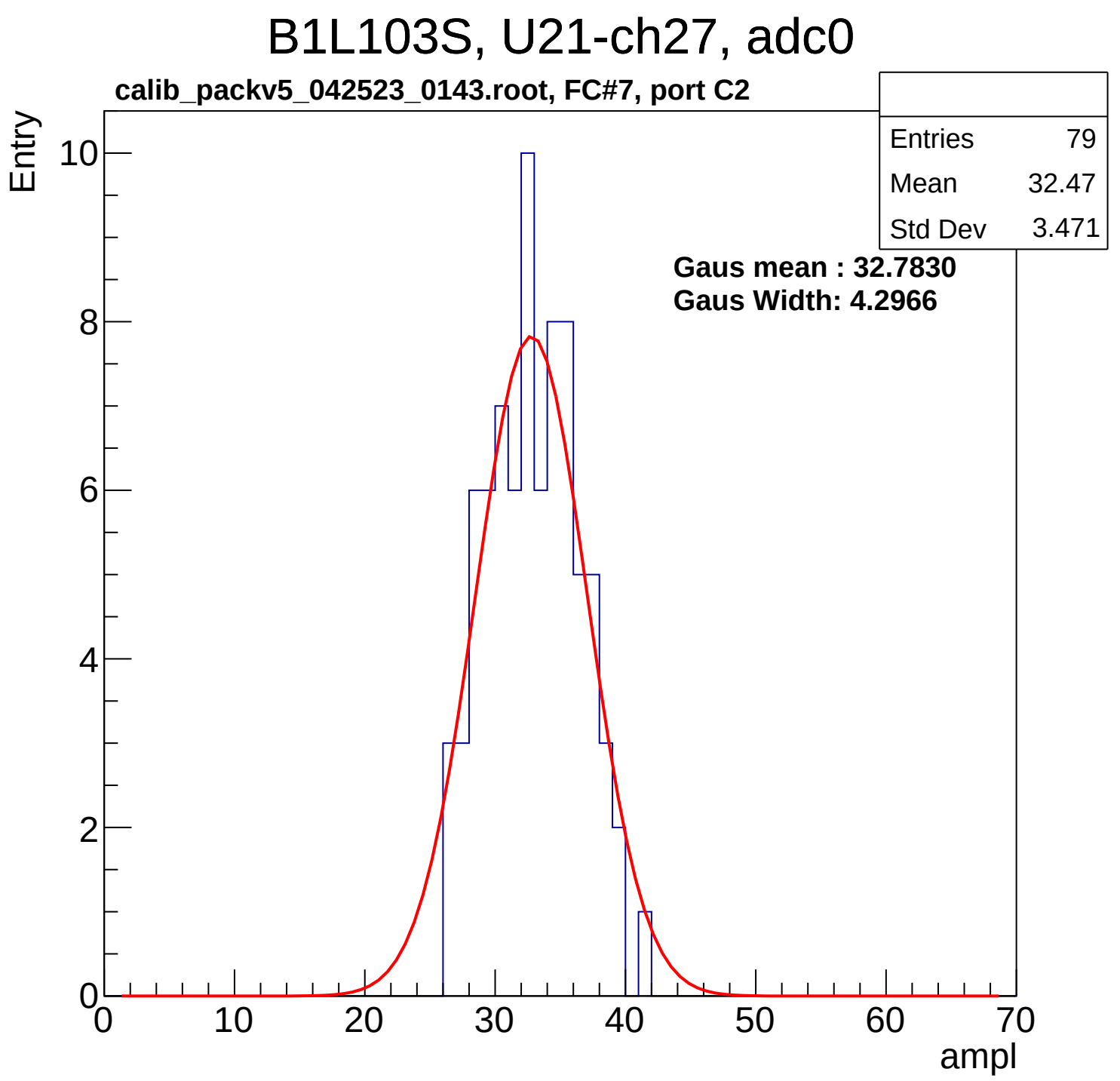
40
50
60
70


B1L103S, U21-ch27, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 79
Mean 32.47
Std Dev 3.471
Gaus mean : 32.7830
Gaus Width: 4.2966
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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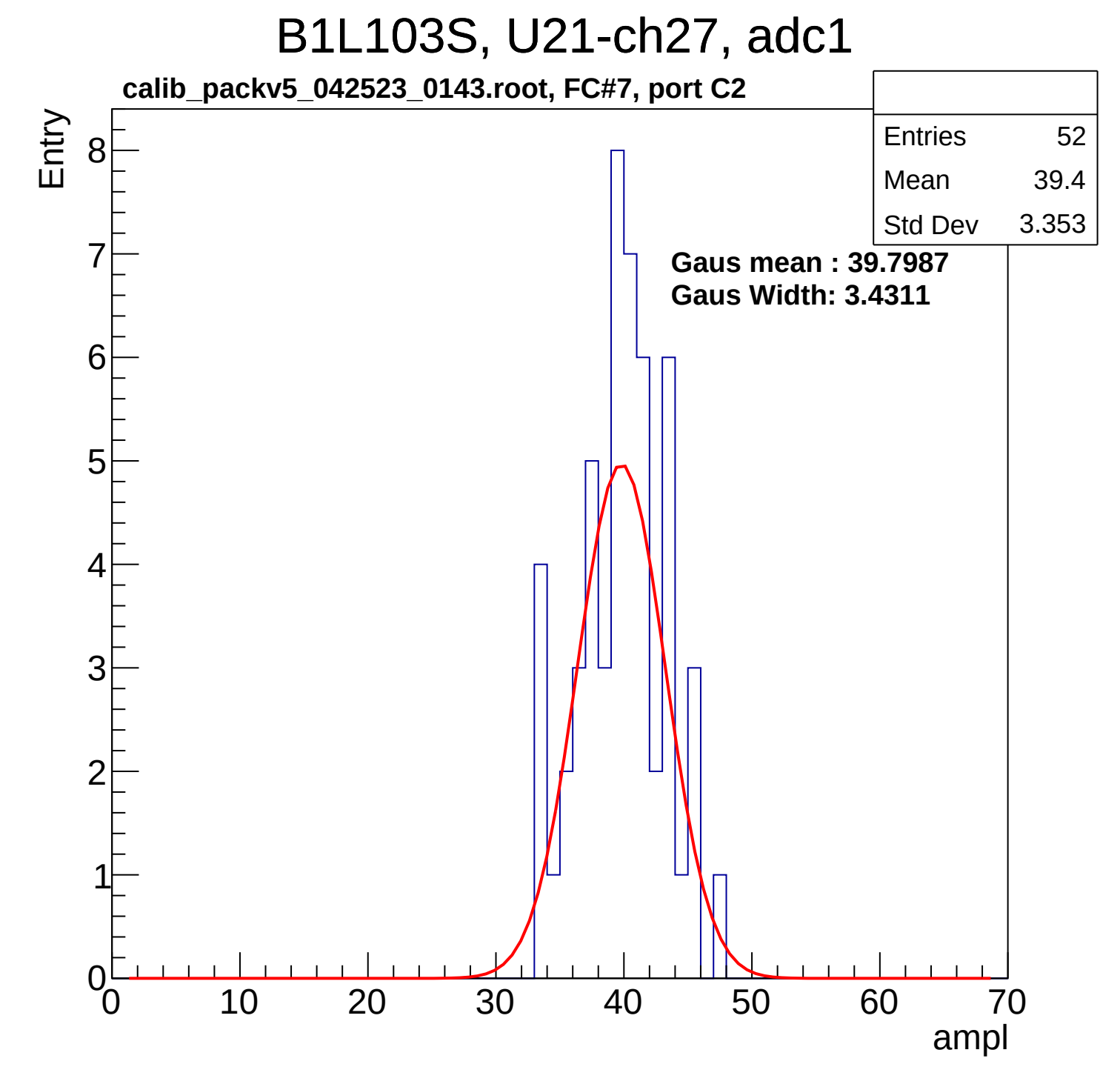
B1L103S, U21-ch27, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 52
Mean 39.4
Std Dev 3.353
Gaus mean : 39.7987
Gaus Width: 3.4311
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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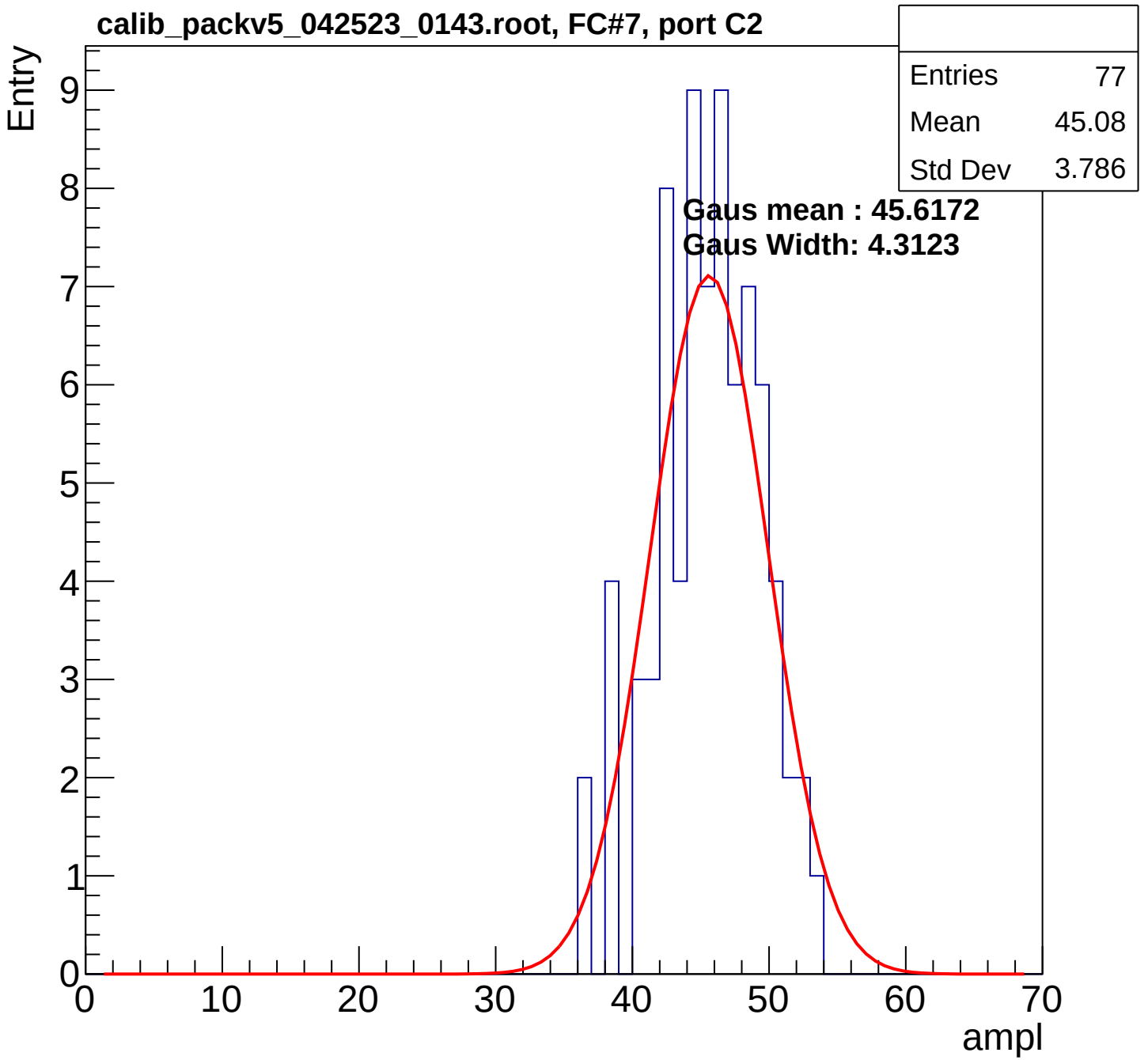
B1L103S, U21-ch27, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 77
Mean 45.08
Std Dev 3.786
Gaus mean : 45.6172
Gaus Width: 4.3123
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
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40
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60
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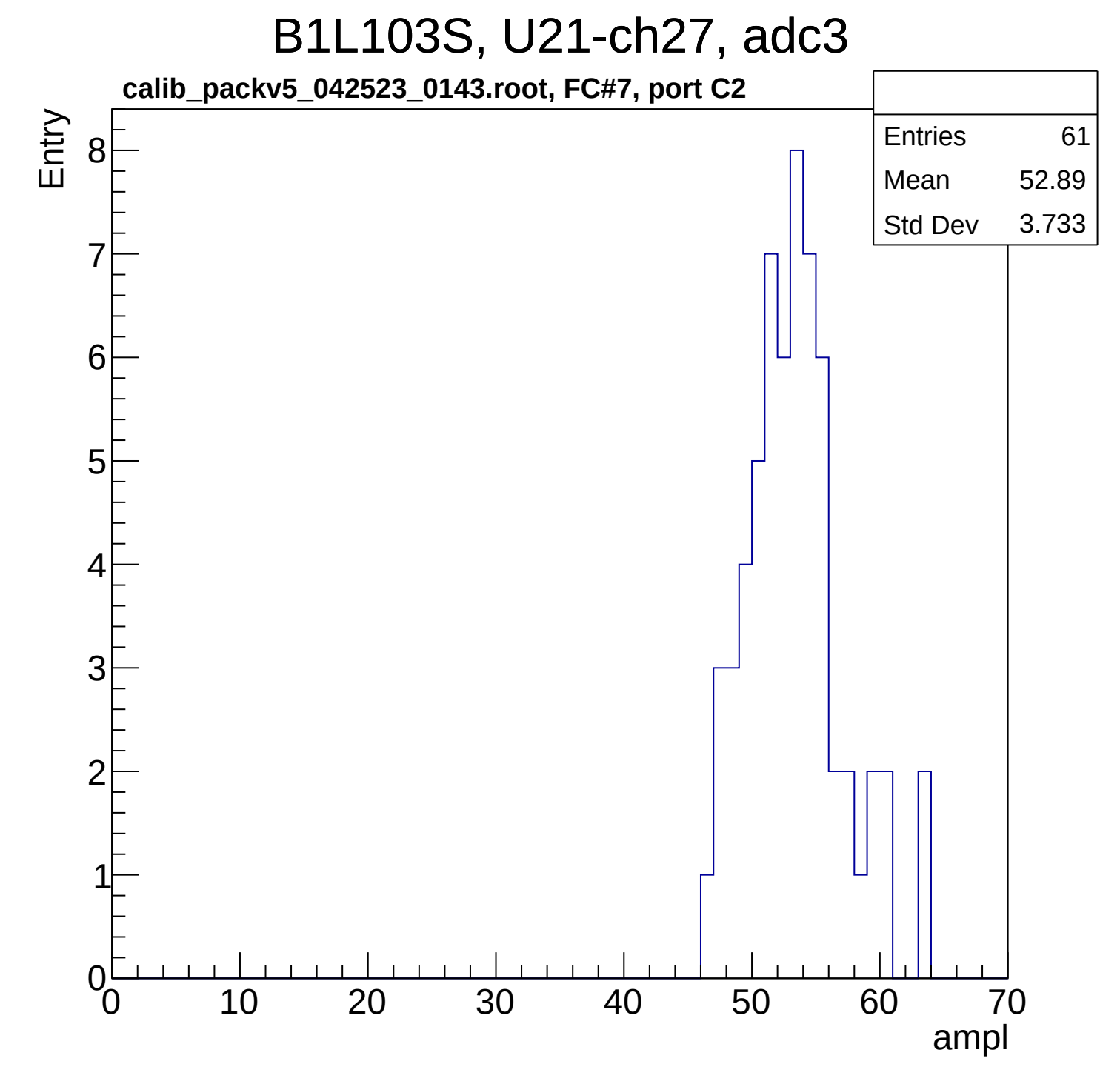
B1L103S, U21-ch27, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 52.89
Std Dev 3.733
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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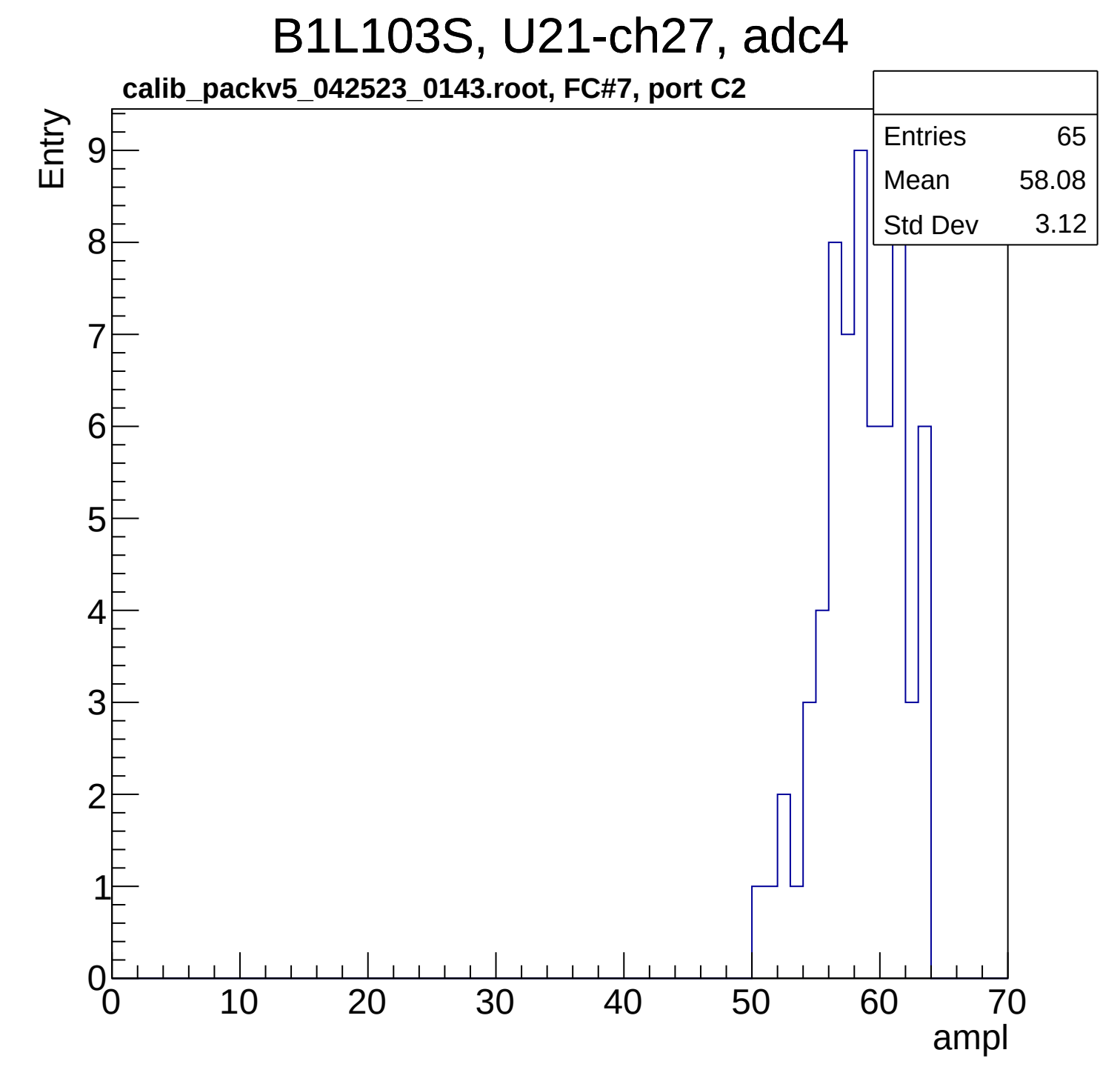
B1L103S, U21-ch27, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 58.08
Std Dev 3.12
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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20
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60
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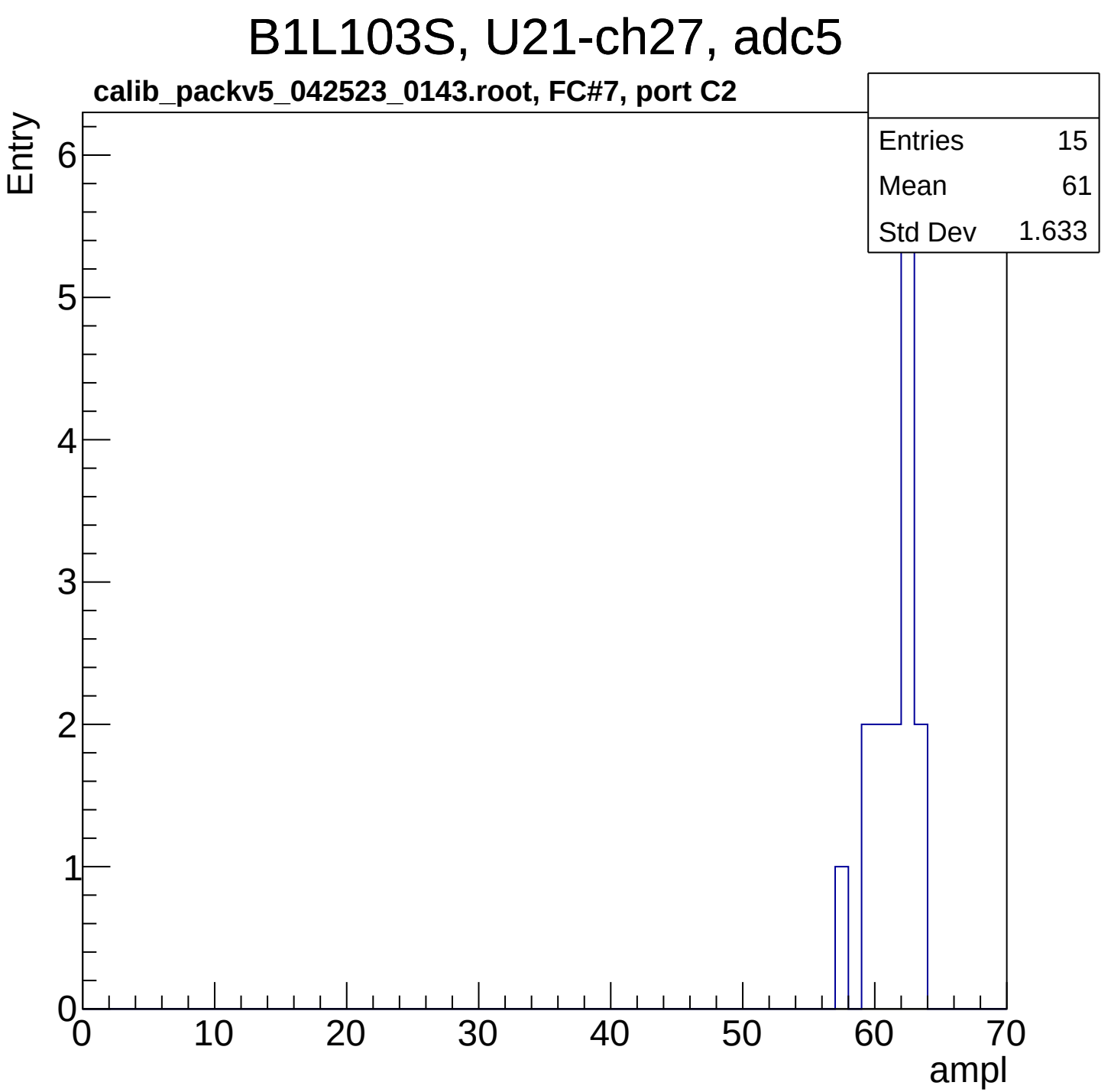
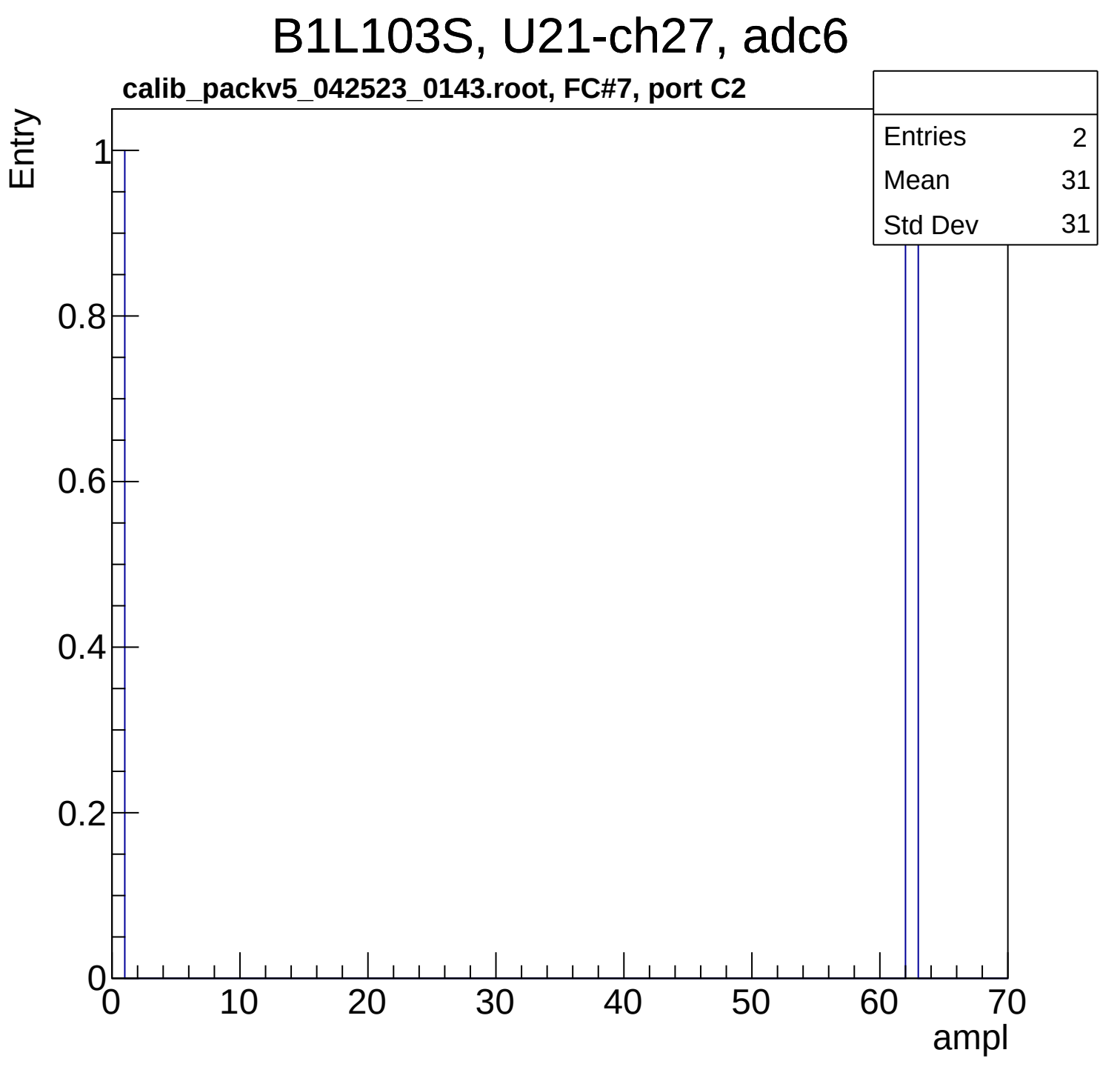
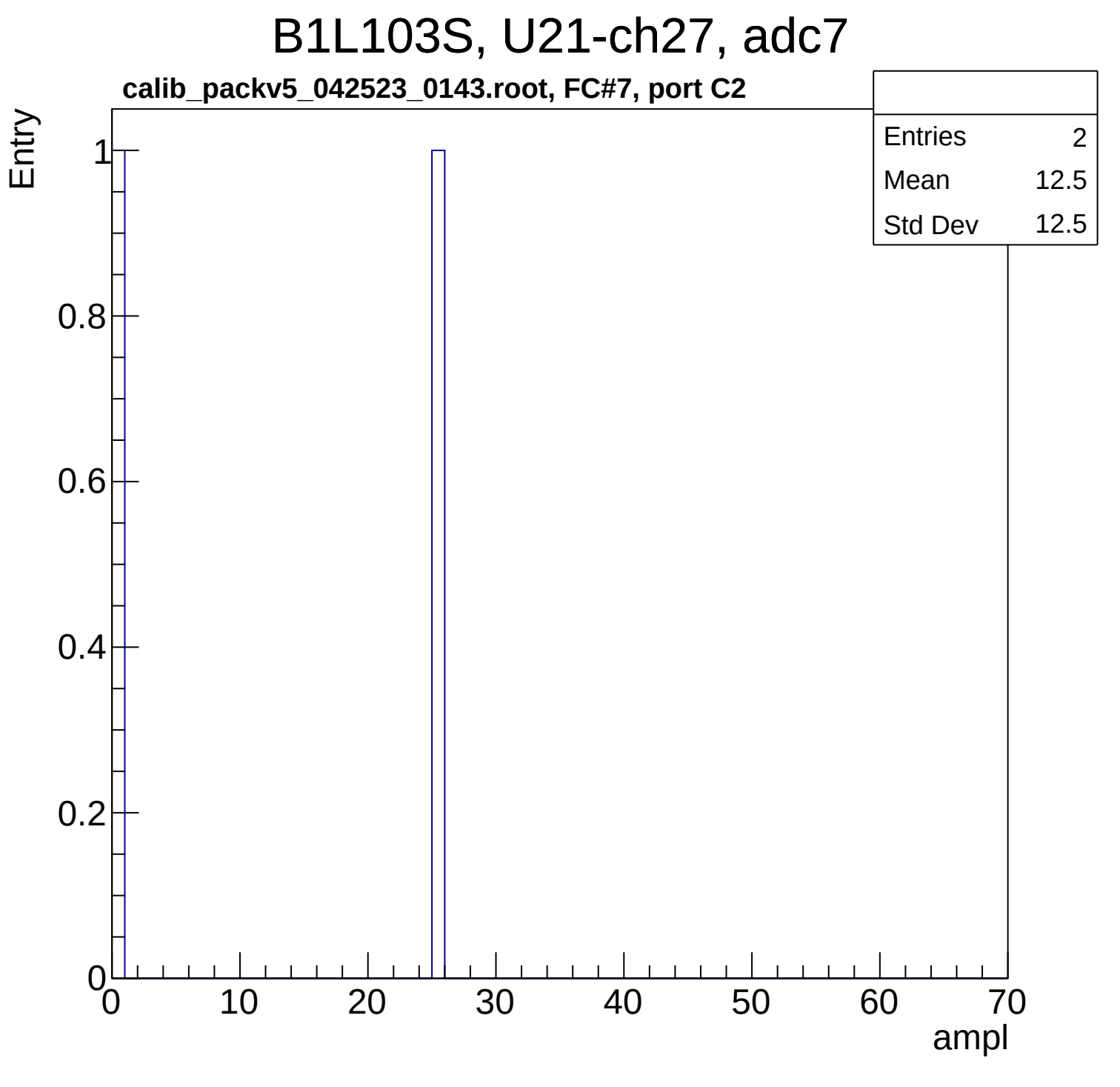
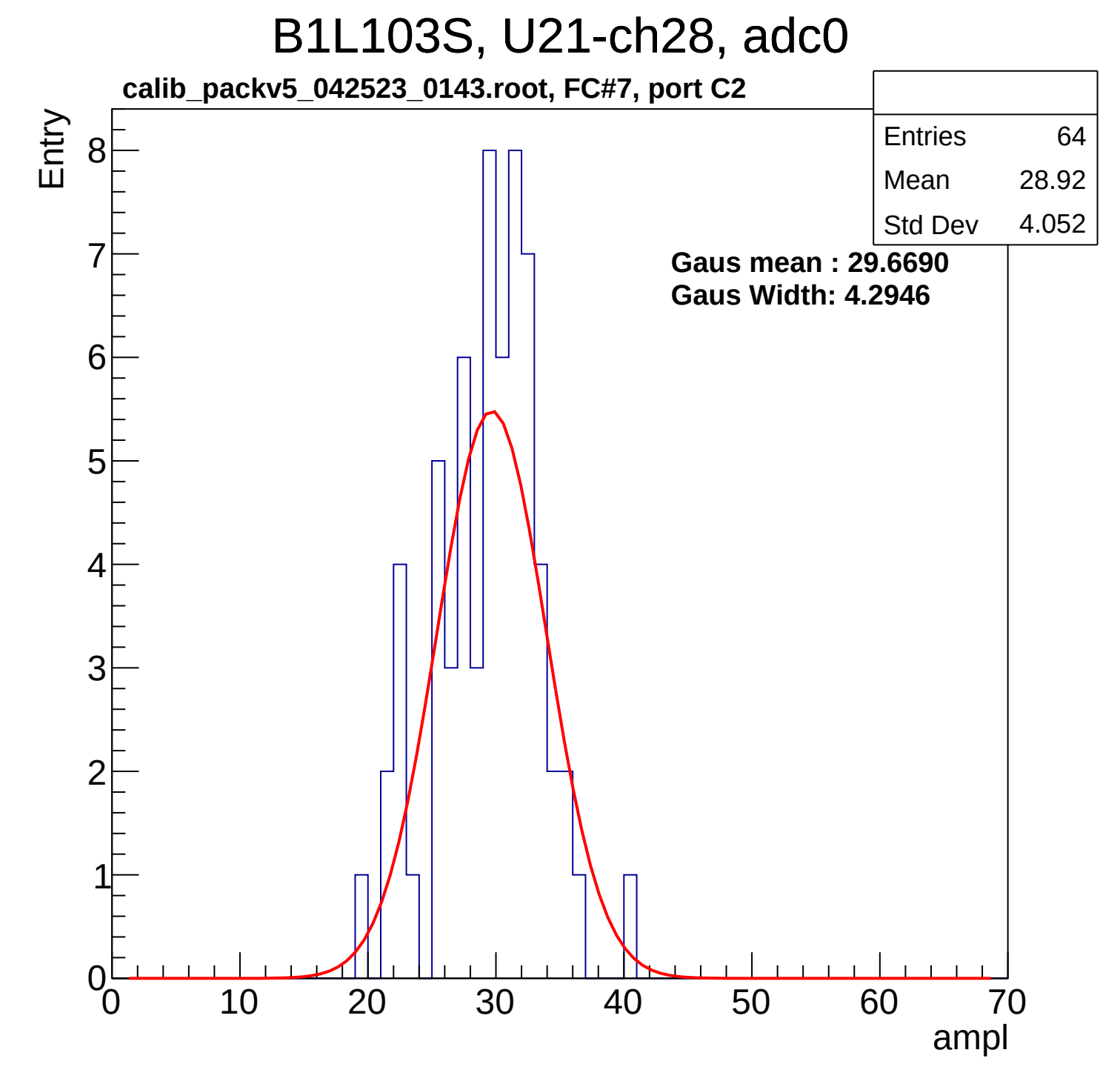

B1L103S, U21-ch27, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 15
Mean 61
Std Dev 1.633
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch27, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 31
Std Dev 31
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch27, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 12.5
Std Dev 12.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch28, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 28.92
Std Dev 4.052
Gaus mean : 29.6690
Gaus Width: 4.2946
Entry
ampl
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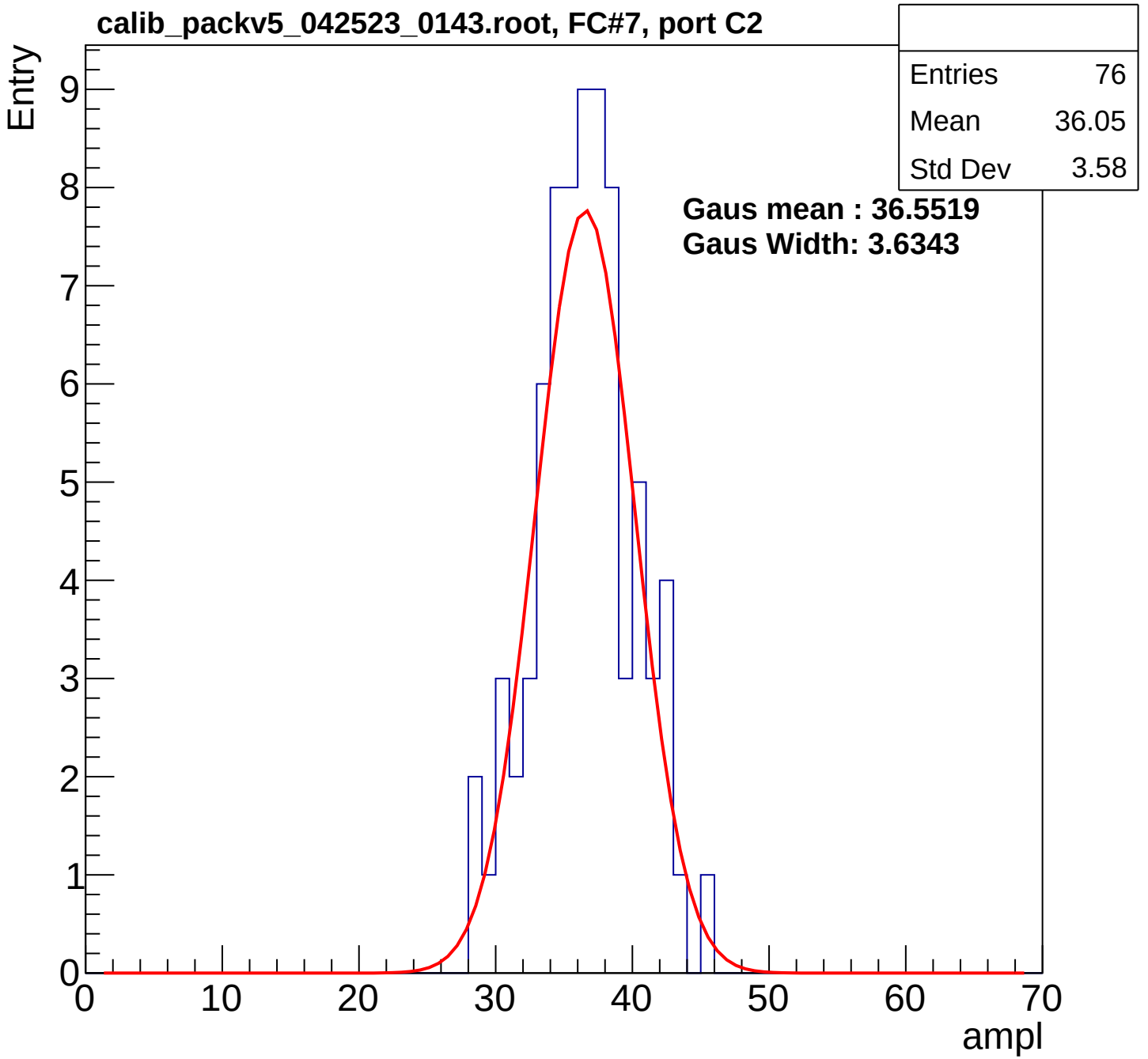
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch28, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 36.05
Std Dev 3.58
Gaus mean : 36.5519
Gaus Width: 3.6343
Entry
ampl
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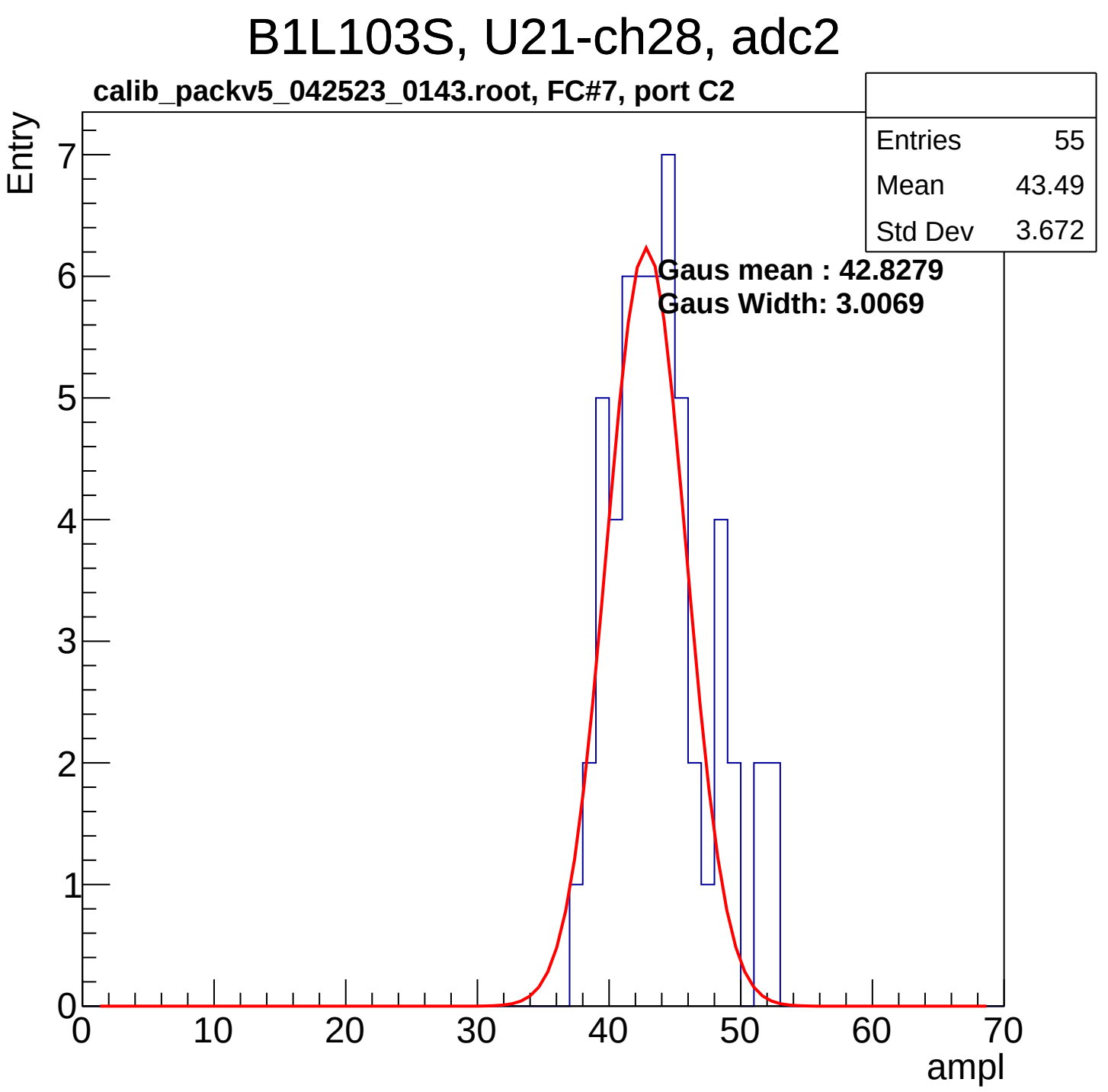
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch28, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 43.49
Std Dev 3.672
Gaus mean : 42.8279
Gaus Width: 3.0069
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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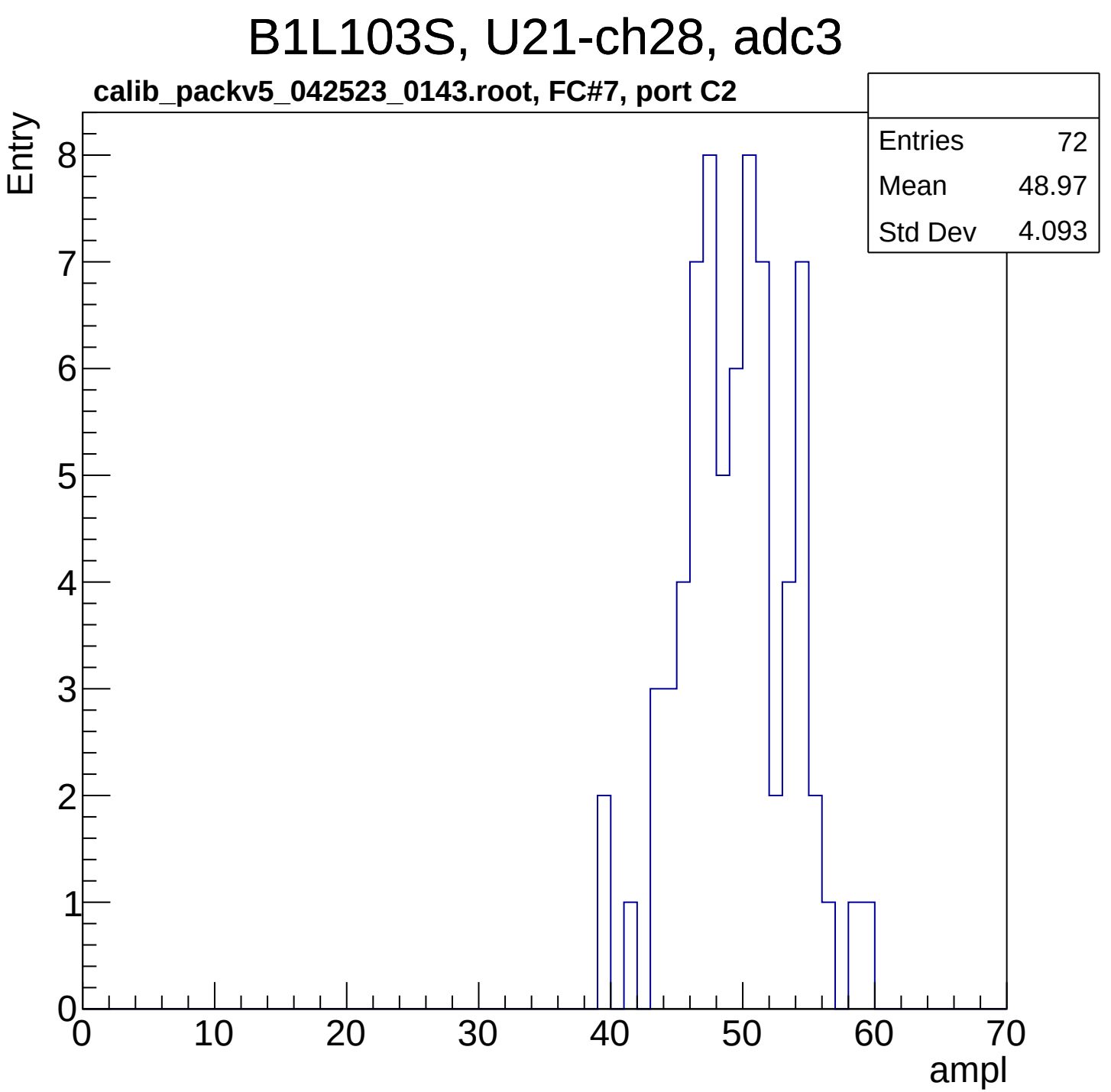
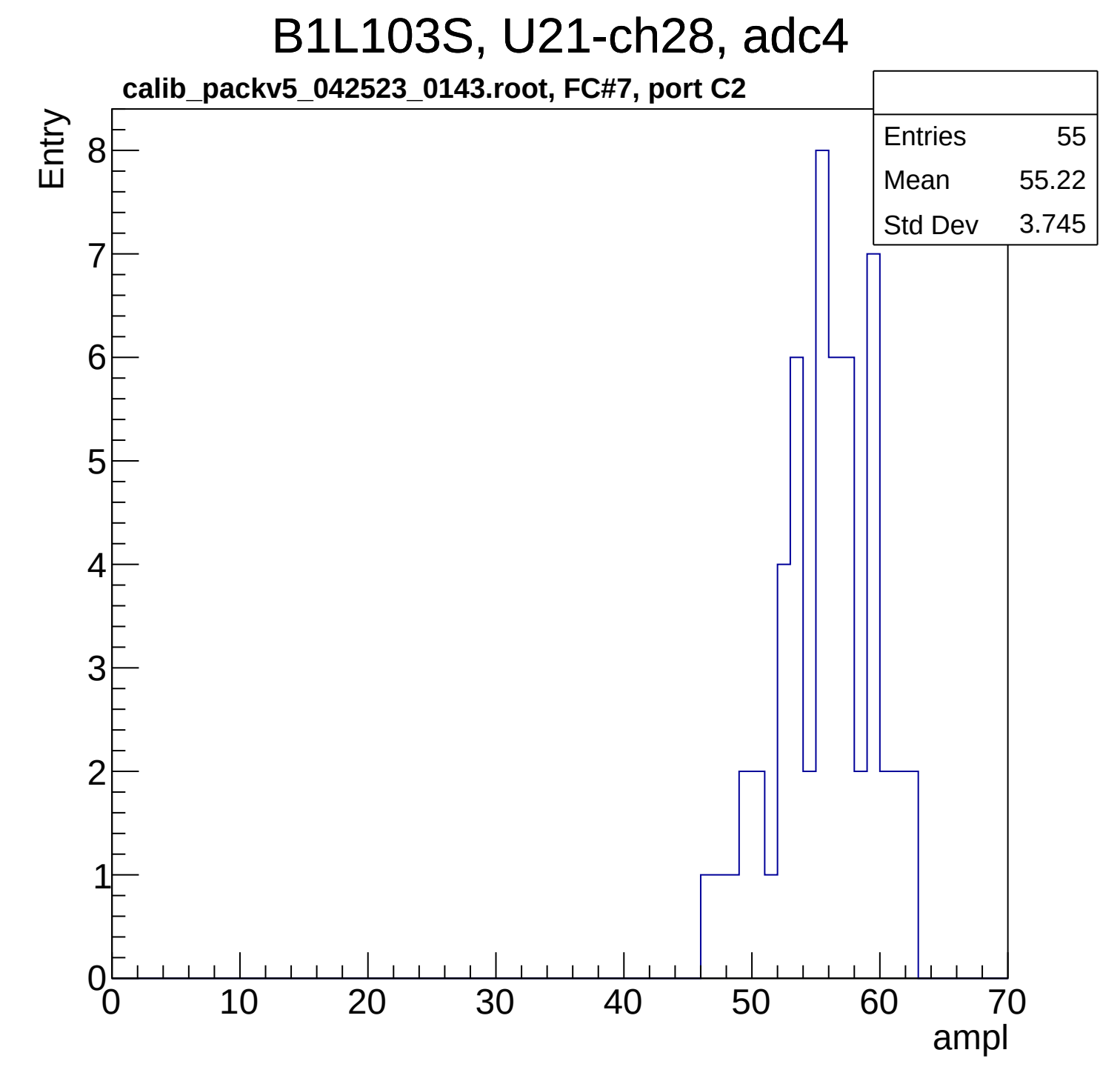

B1L103S, U21-ch28, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 48.97
Std Dev 4.093
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch28, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 55.22
Std Dev 3.745
Entry
ampl
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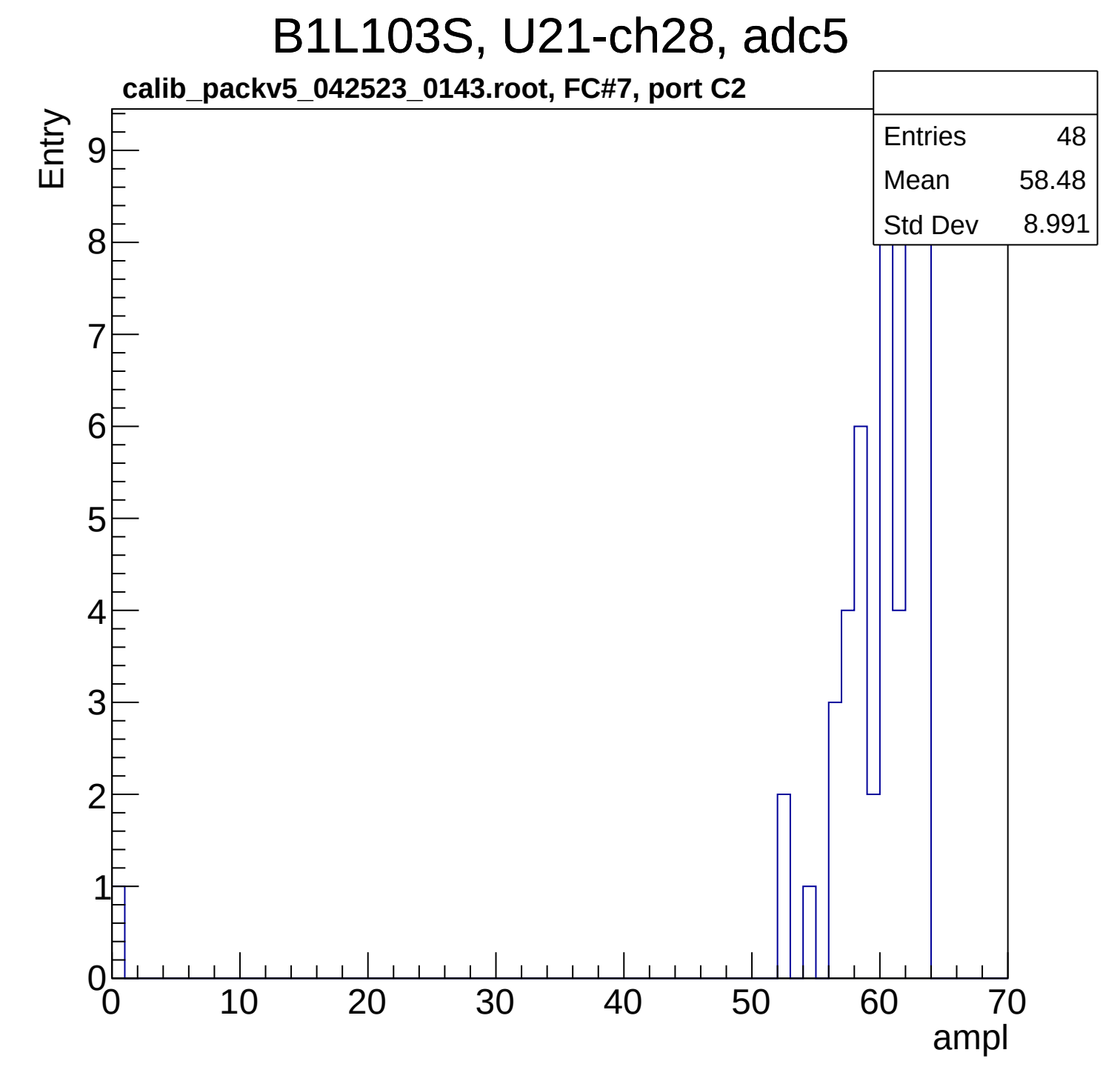
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch28, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 48
Mean 58.48
Std Dev 8.991
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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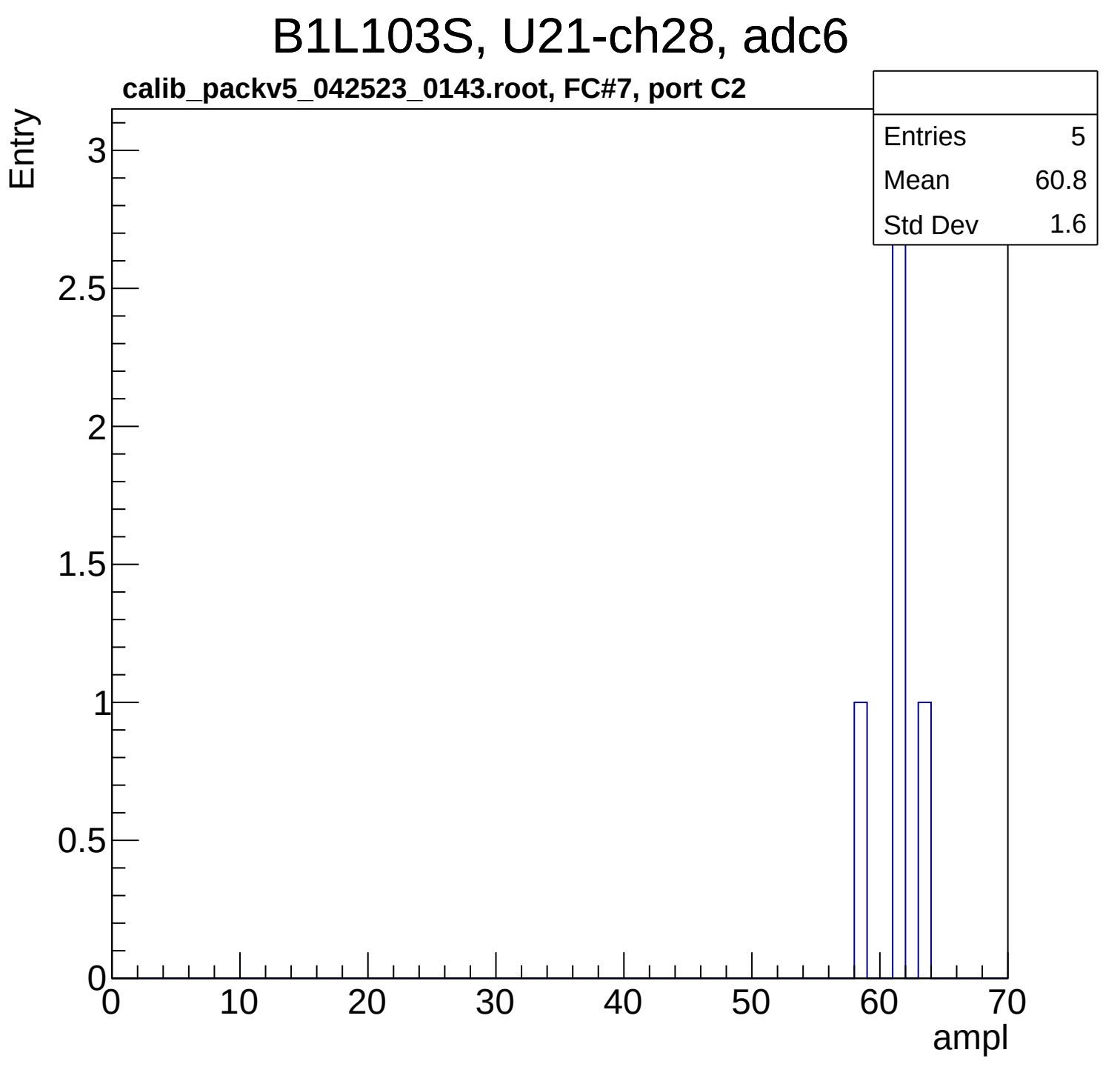
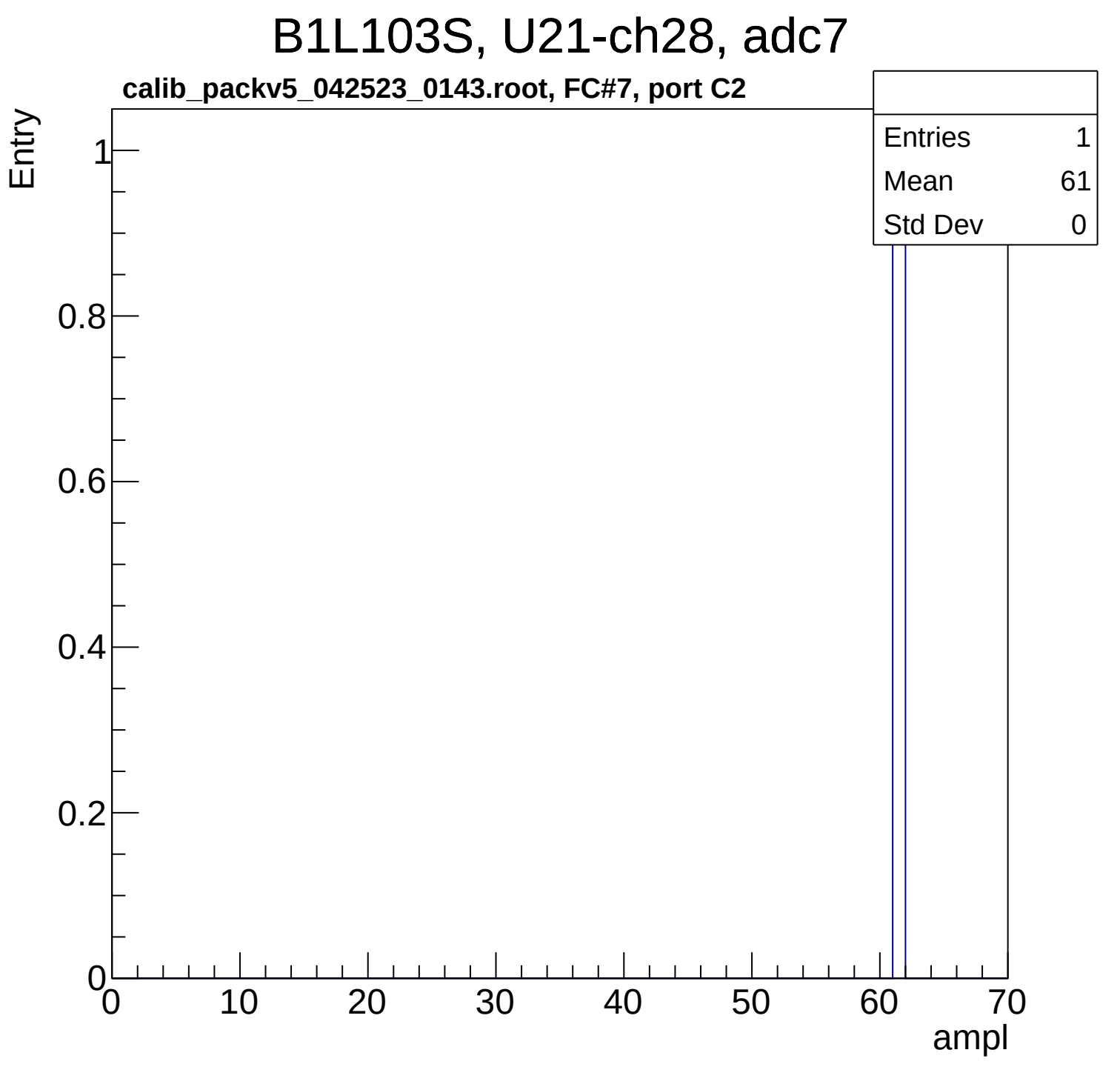
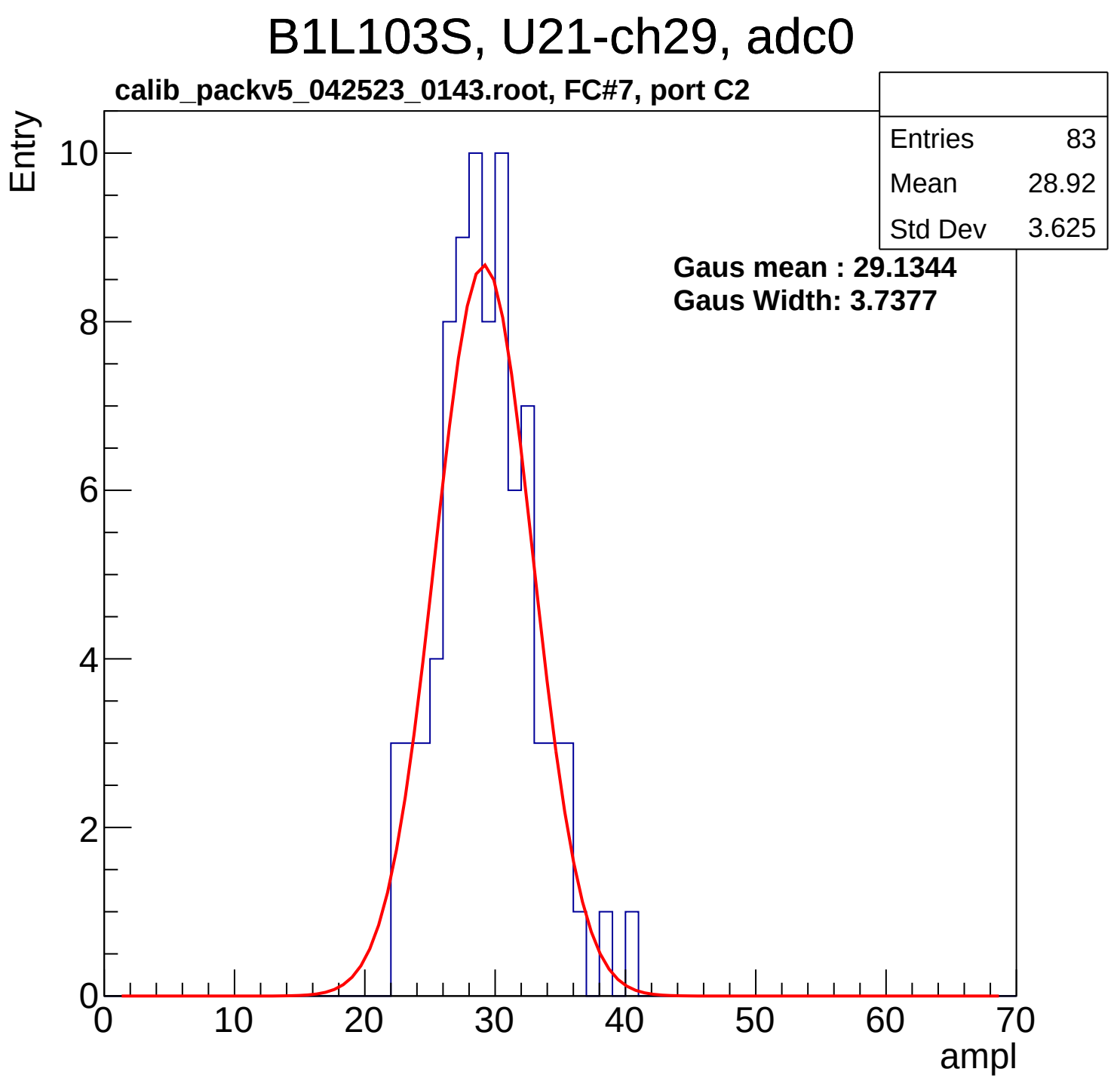
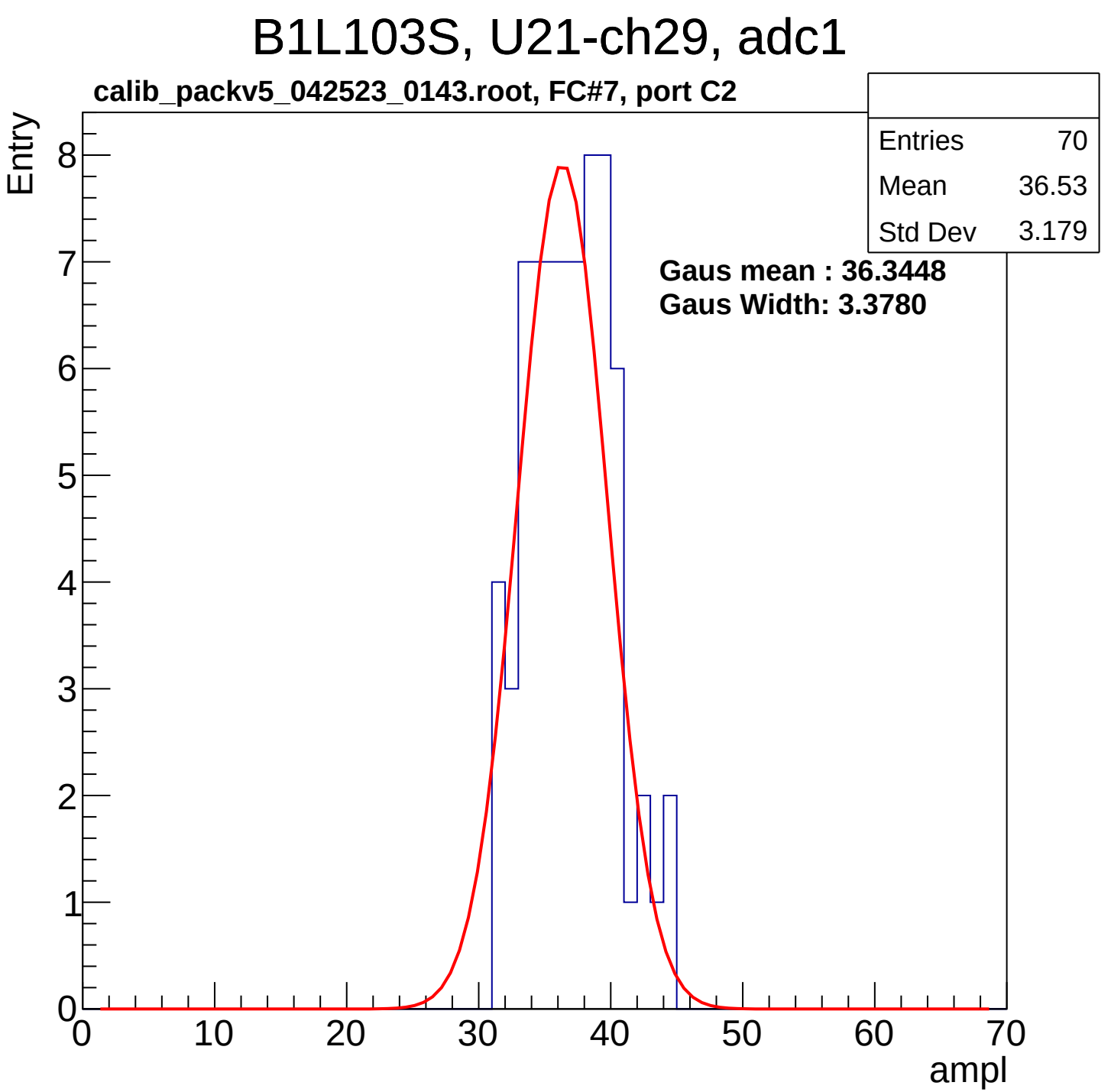
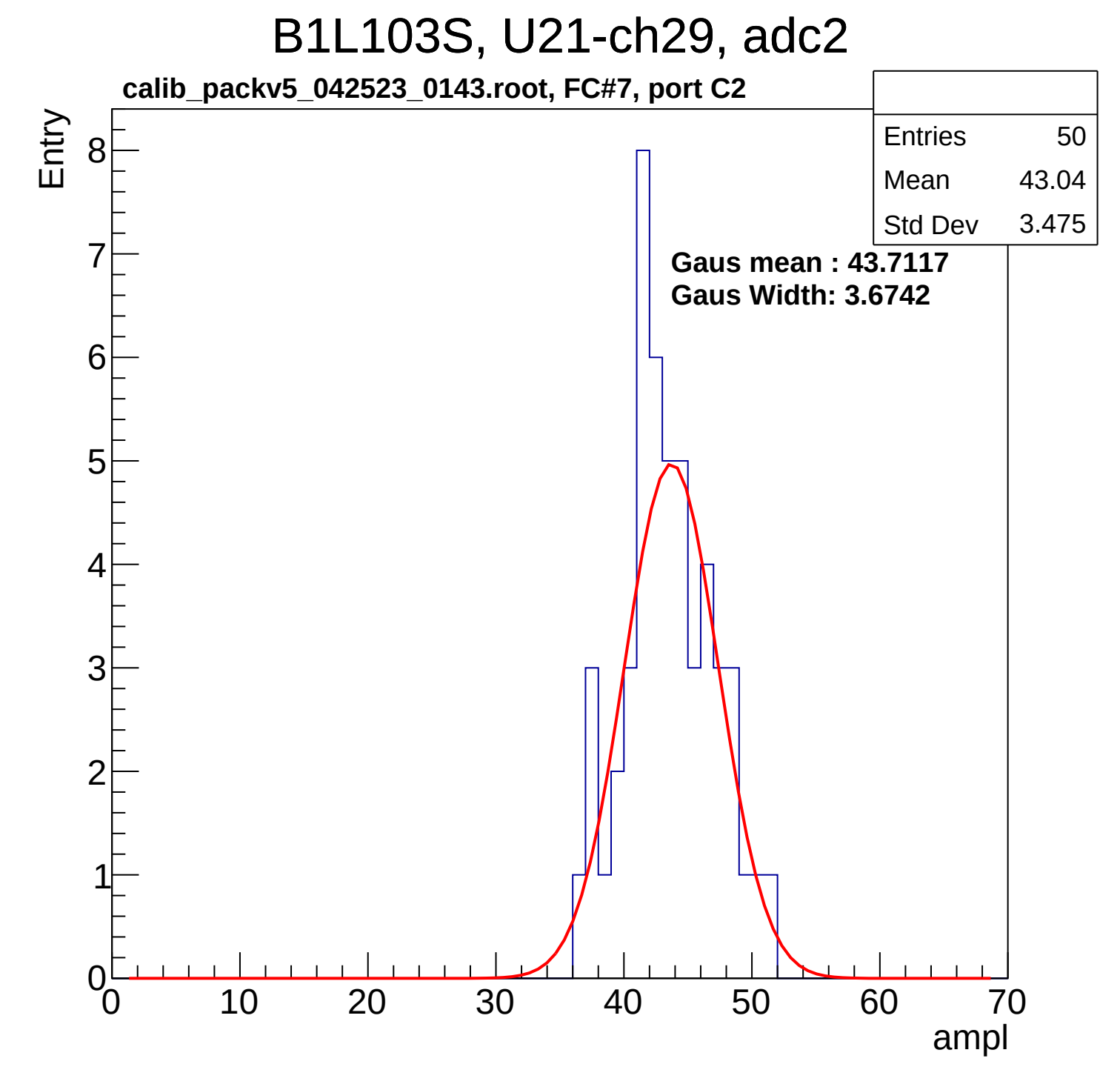

B1L103S, U21-ch28, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 60.8
Std Dev 1.6
Entry
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch28, adc7
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, U21-ch29, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 83
Mean 28.92
Std Dev 3.625
Gaus mean : 29.1344
Gaus Width: 3.7377
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U21-ch29, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 36.53
Std Dev 3.179
Gaus mean : 36.3448
Gaus Width: 3.3780
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch29, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 50
Mean 43.04
Std Dev 3.475
Gaus mean : 43.7117
Gaus Width: 3.6742
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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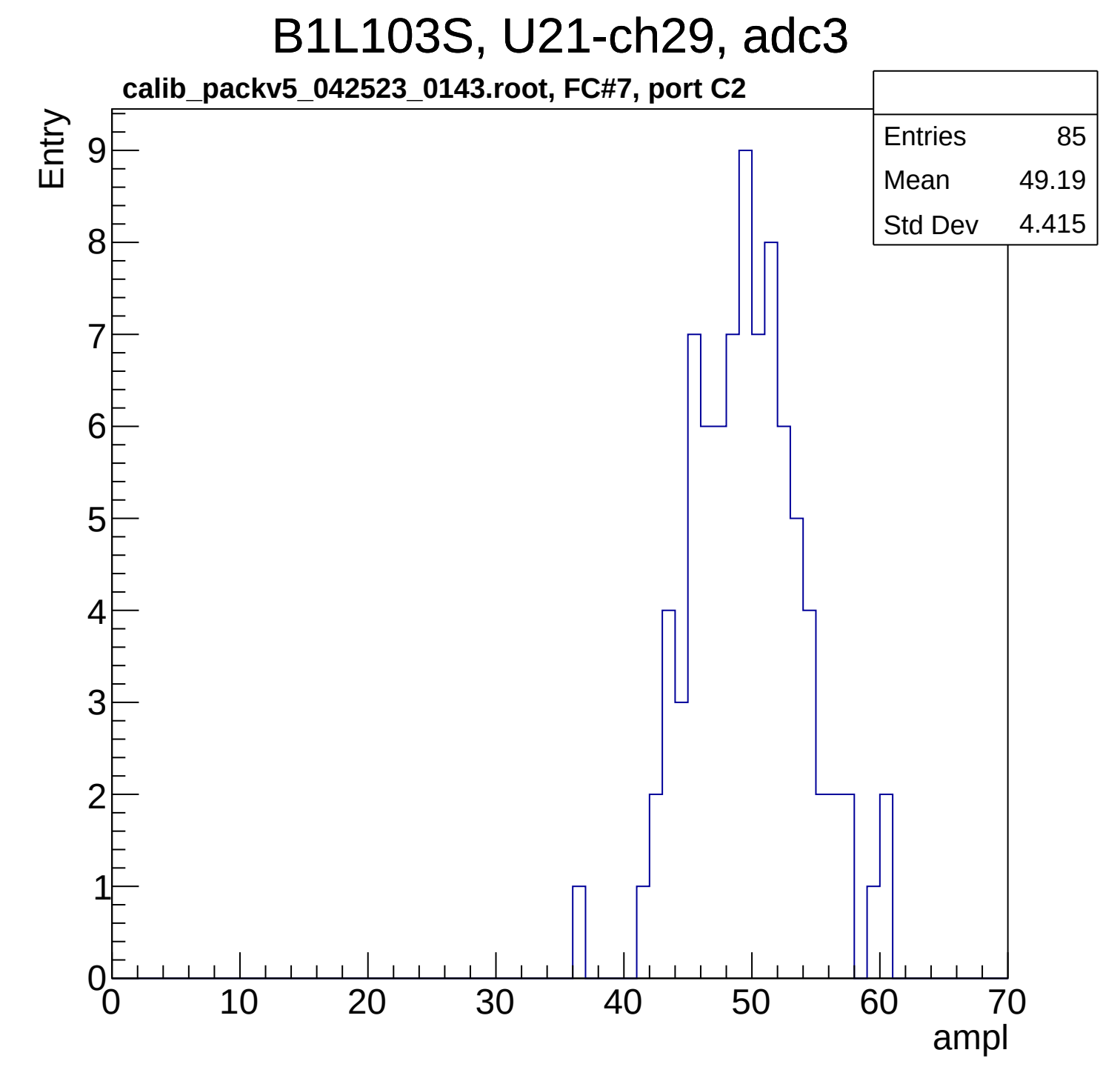
B1L103S, U21-ch29, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 85
Mean 49.19
Std Dev 4.415
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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60
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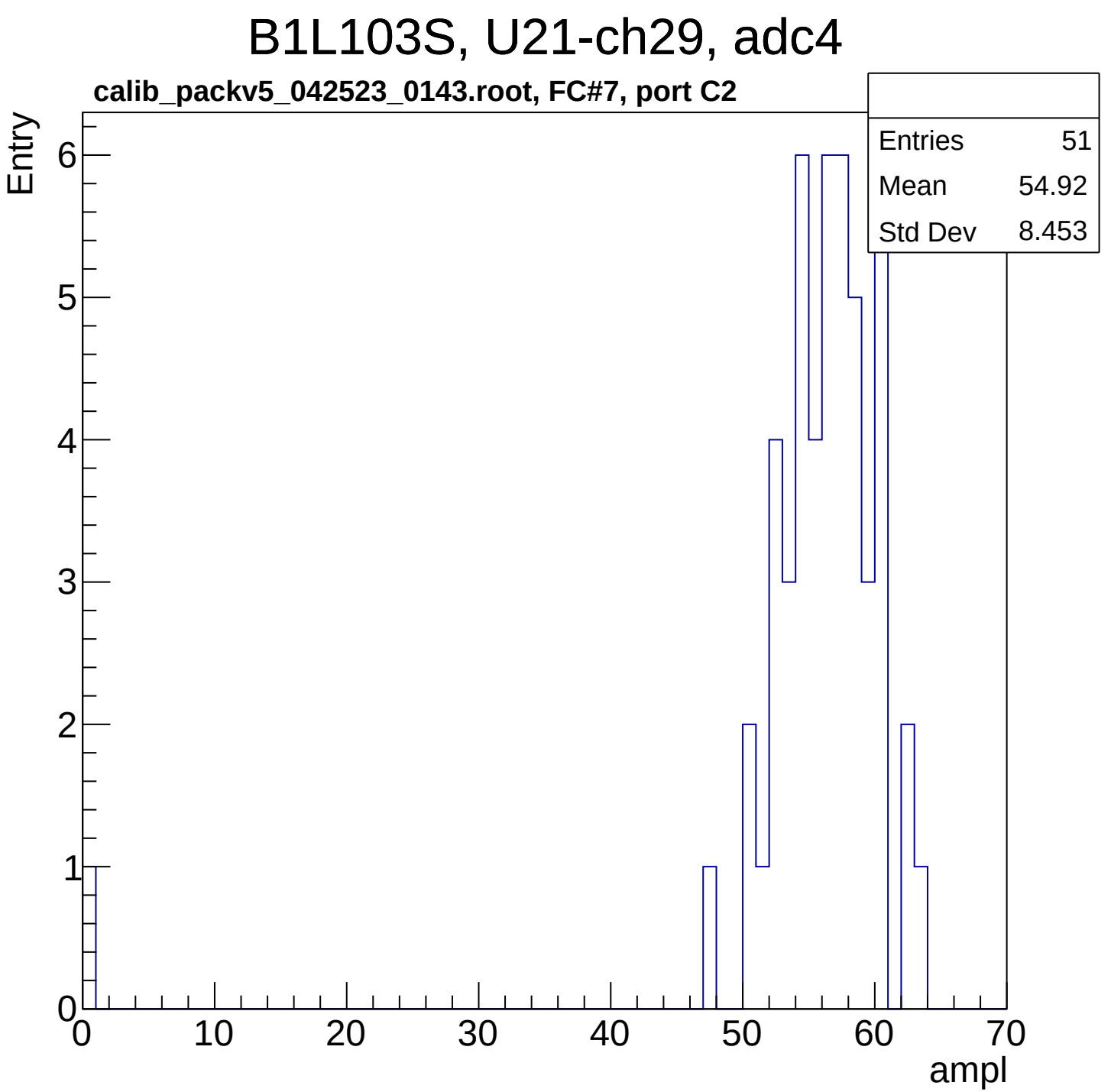
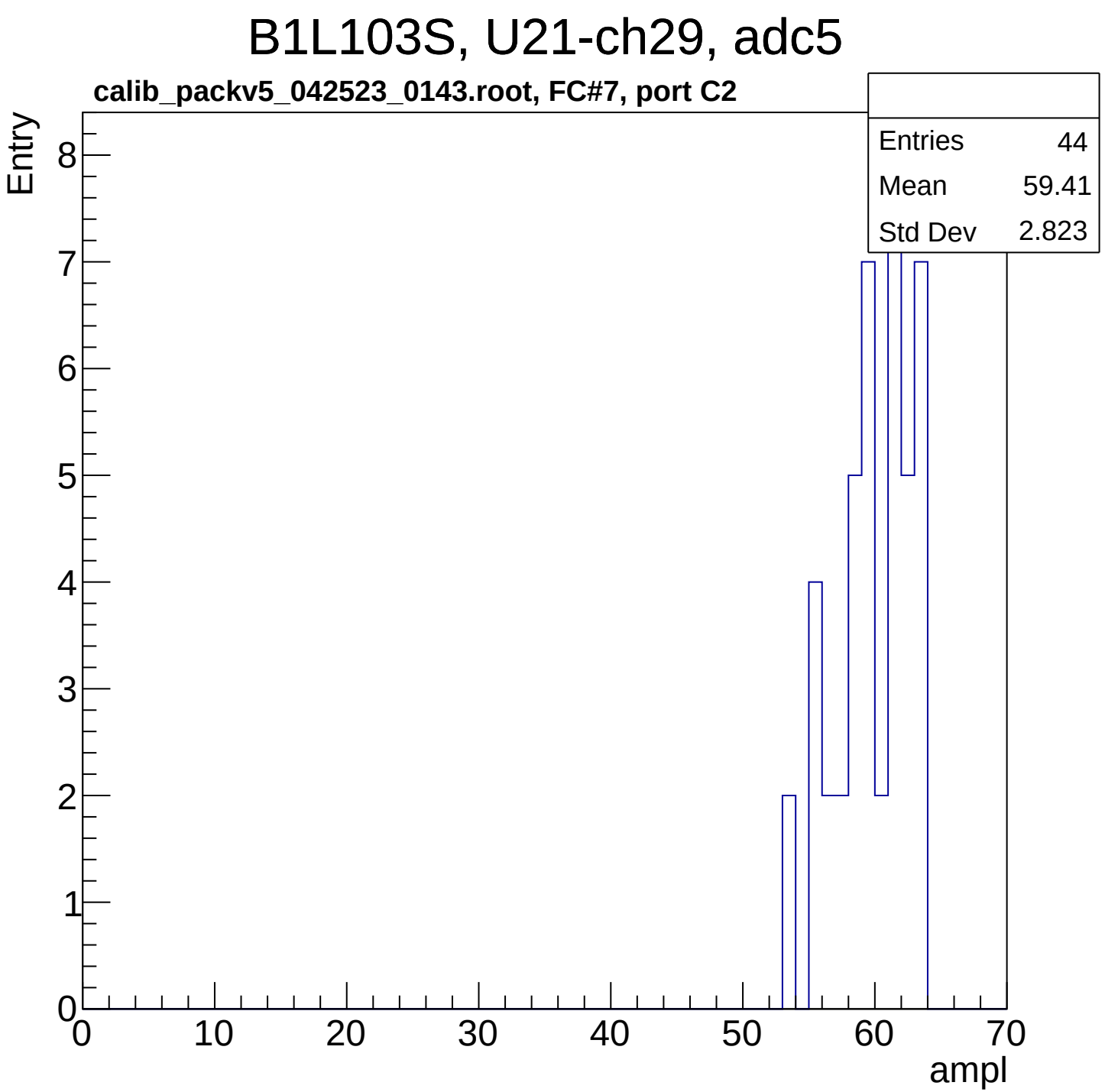

B1L103S, U21-ch29, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 54.92
Std Dev 8.453
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L103S, U21-ch29, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 44
Mean 59.41
Std Dev 2.823
Entry
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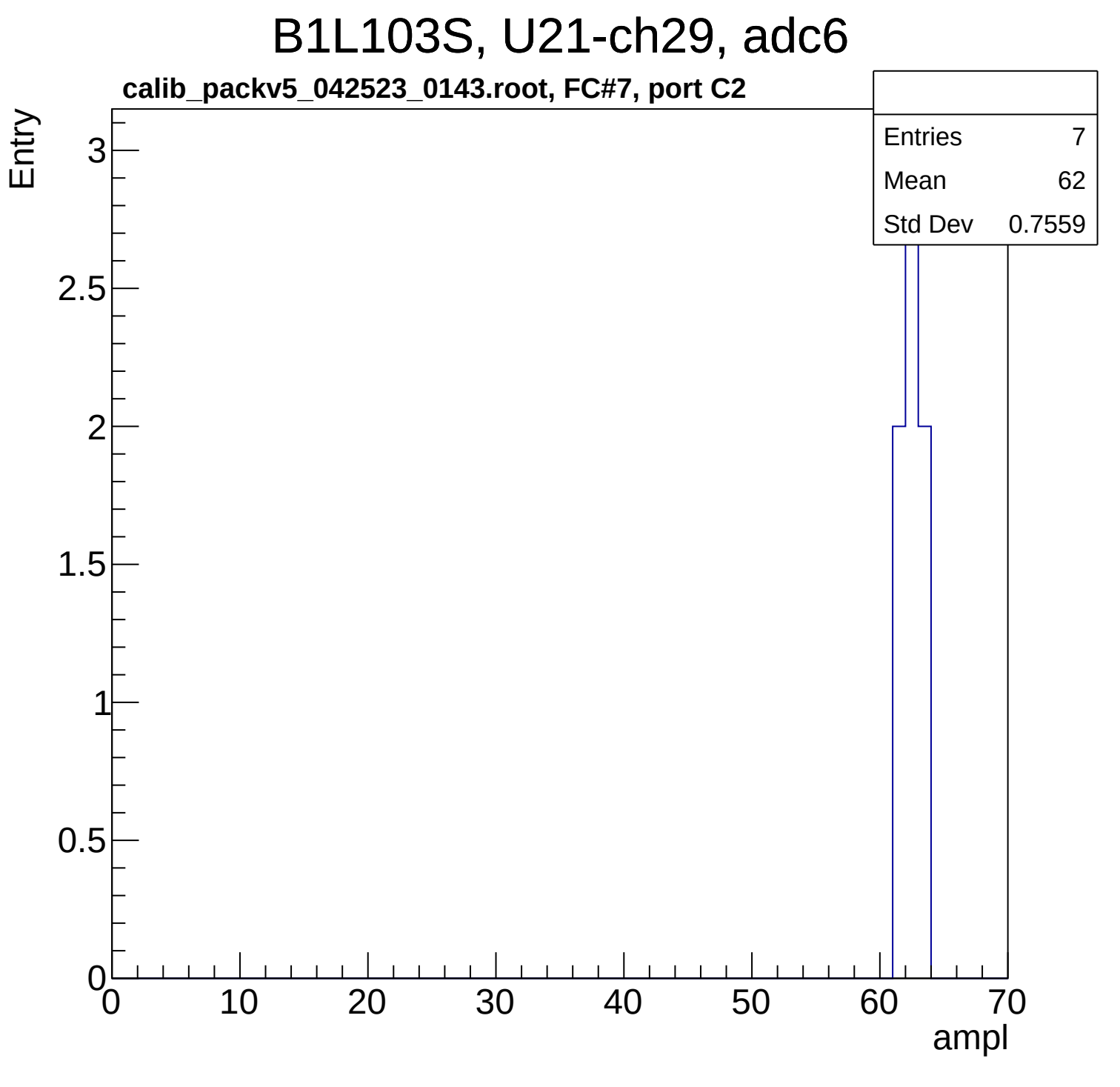
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch29, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 7
Mean 62
Std Dev 0.7559
Entry
ampl
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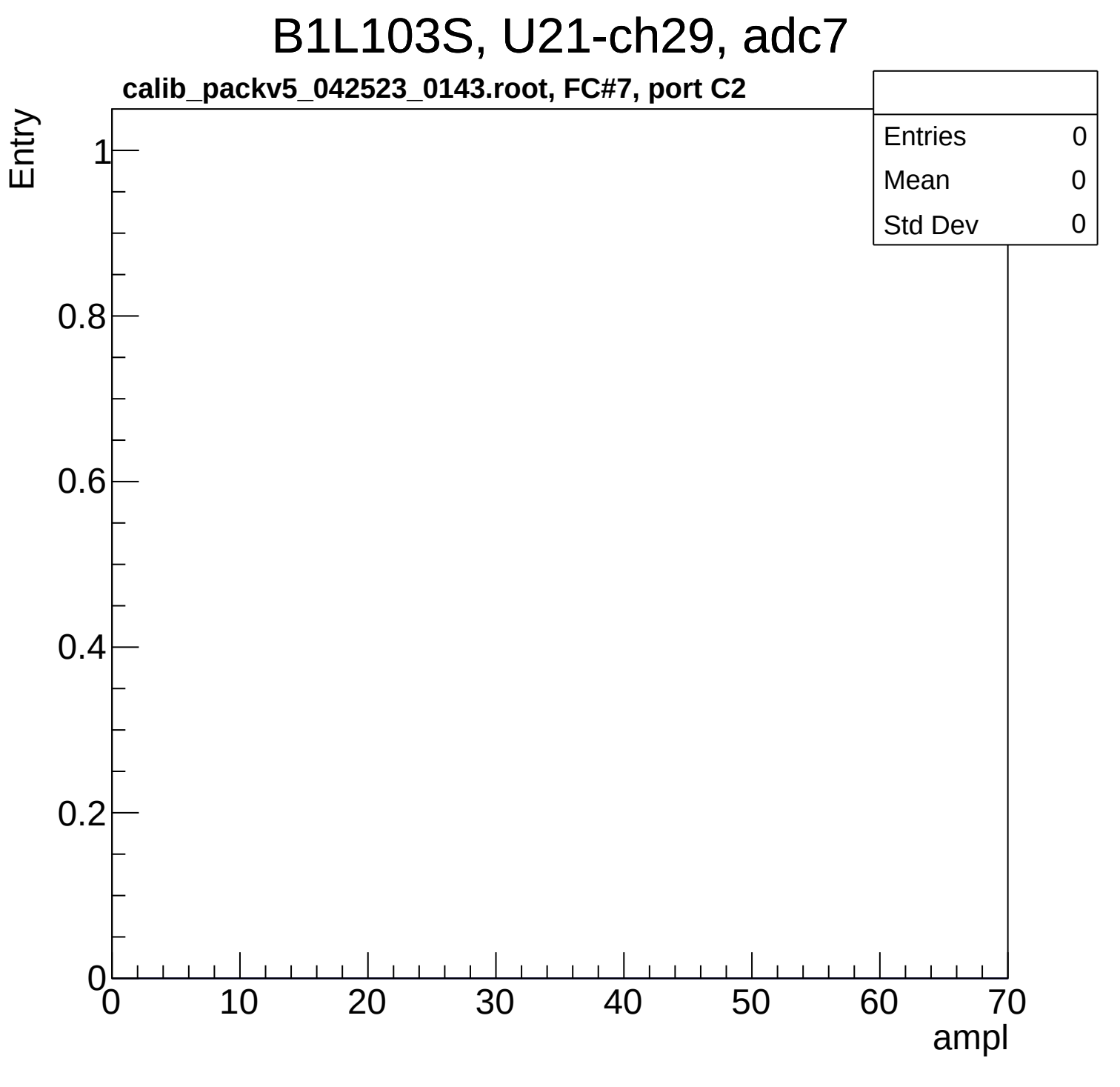
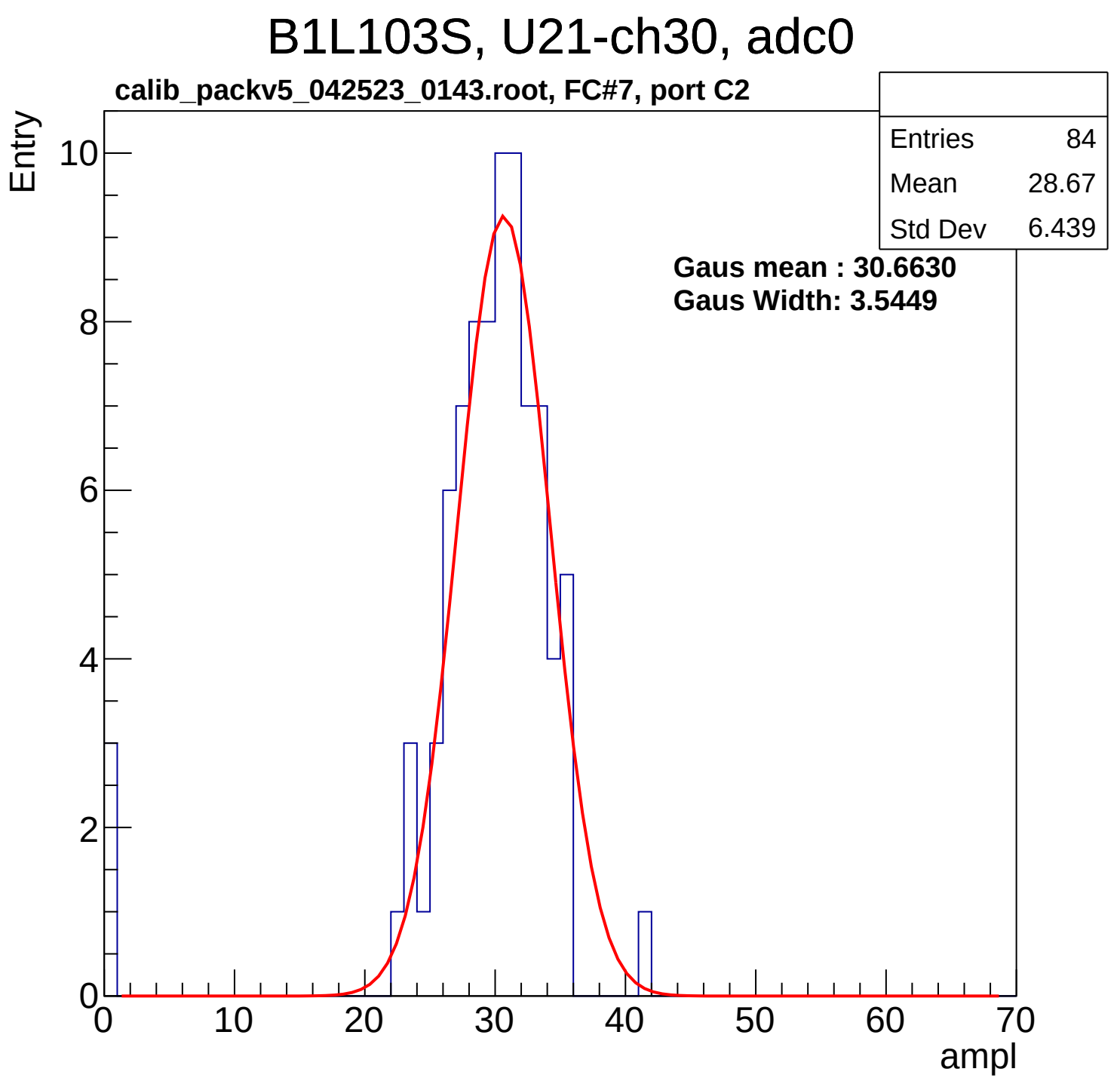
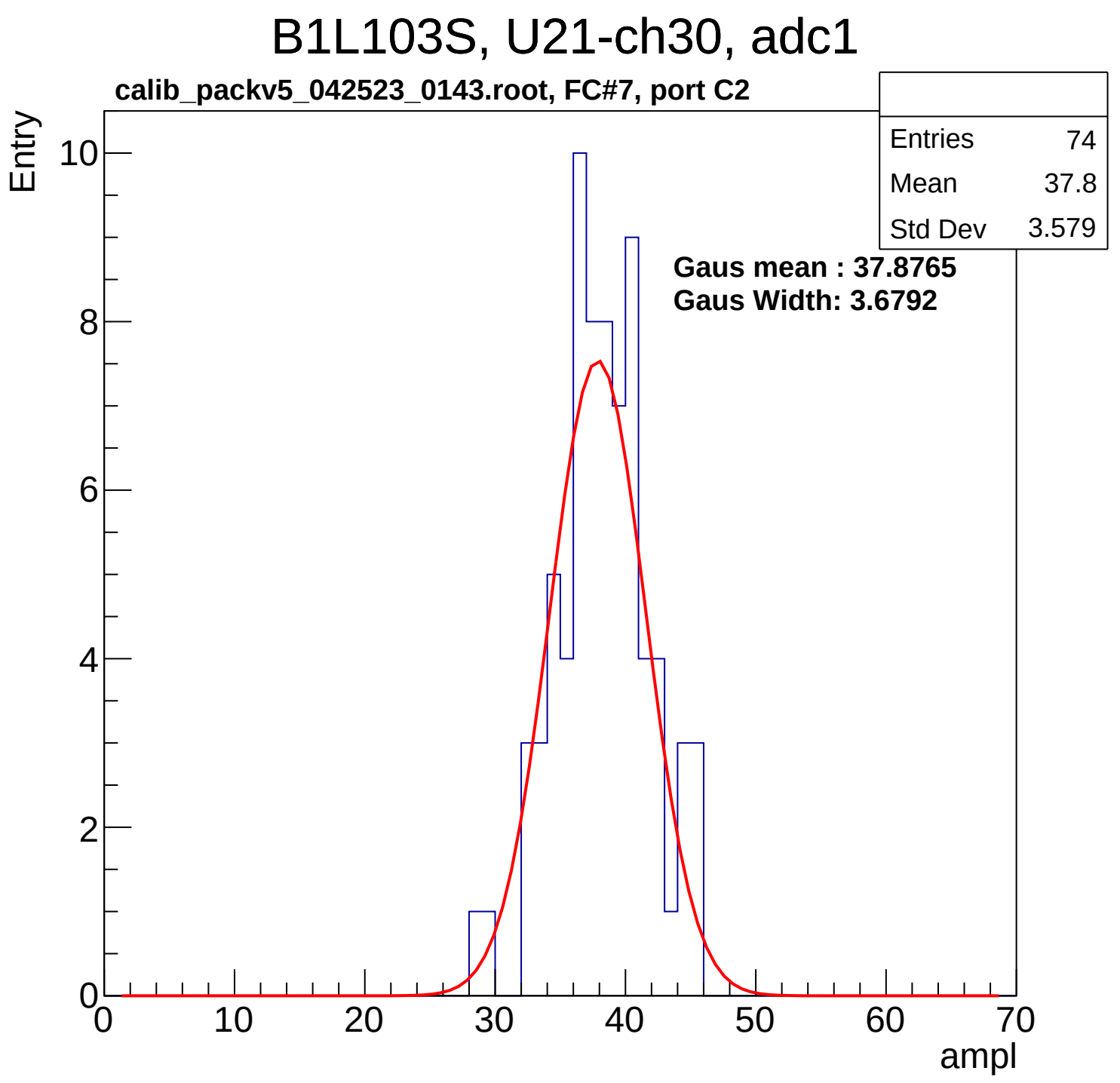
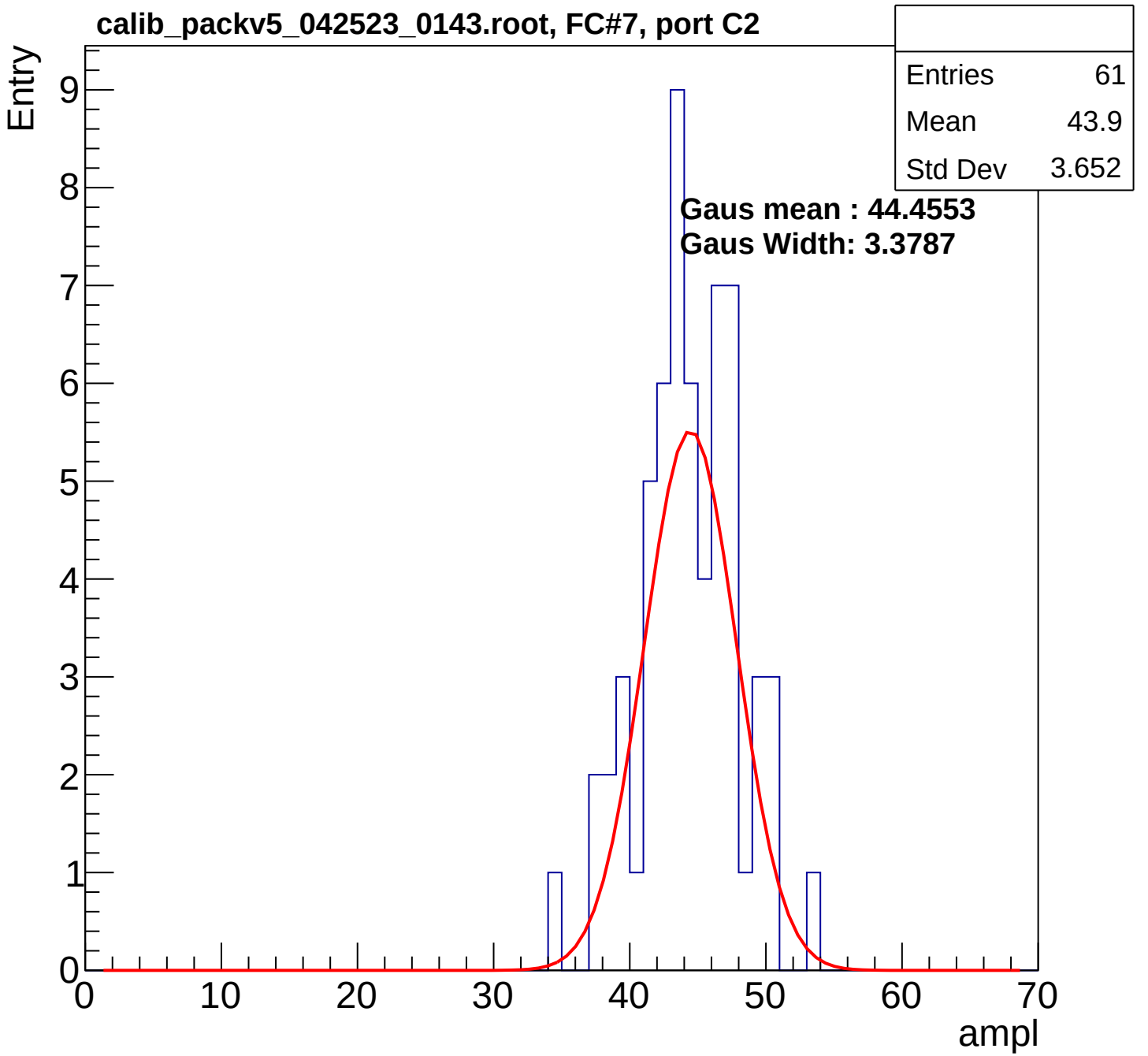
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U21-ch29, 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, U21-ch30, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 84
Mean 28.67
Std Dev 6.439
Gaus mean : 30.6630
Gaus Width: 3.5449
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U21-ch30, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 37.8
Std Dev 3.579
Gaus mean : 37.8765
Gaus Width: 3.6792
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U21-ch30, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 43.9
Std Dev 3.652
Gaus mean : 44.4553
Gaus Width: 3.3787
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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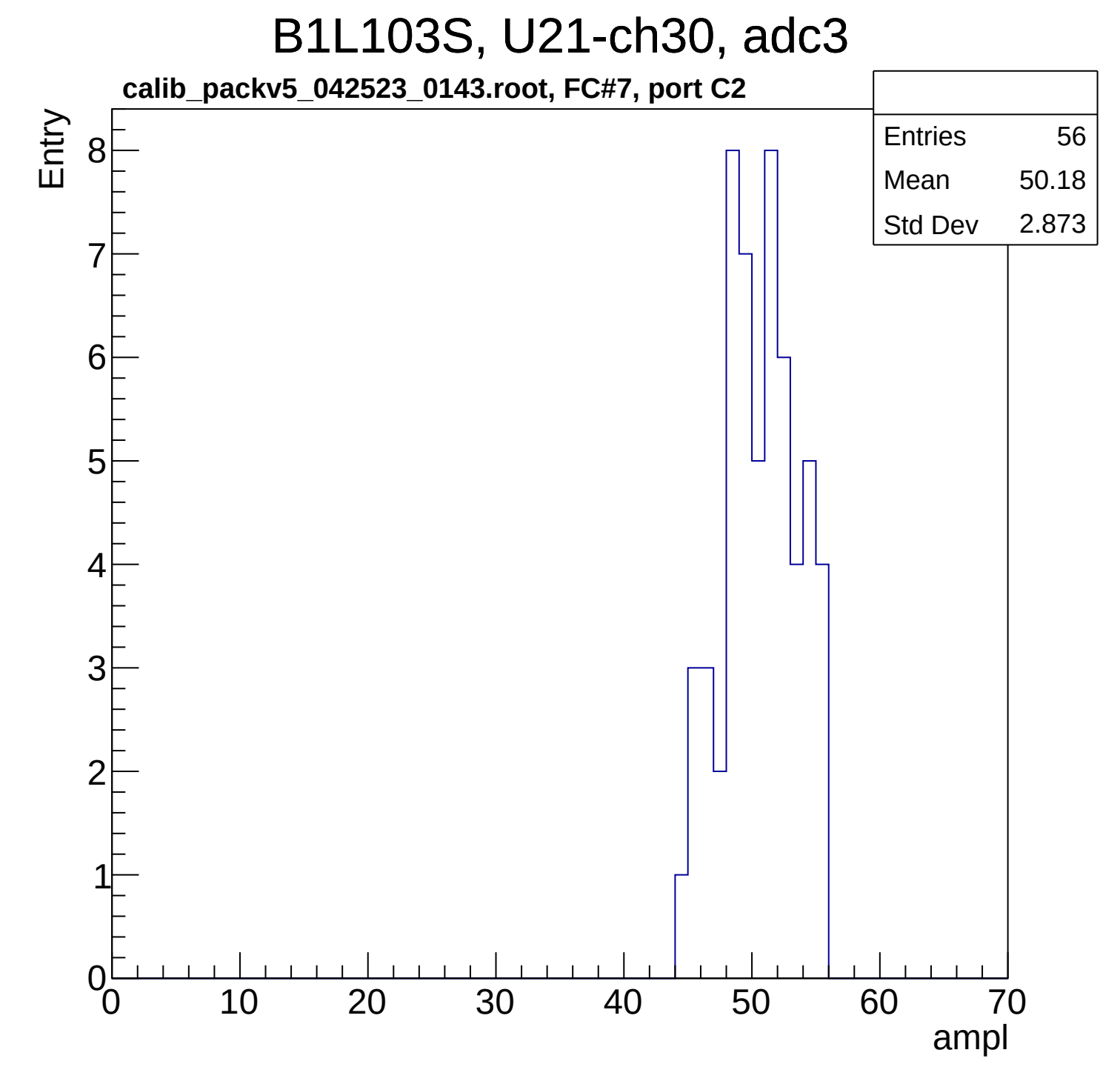
B1L103S, U21-ch30, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 50.18
Std Dev 2.873
Entry
ampl
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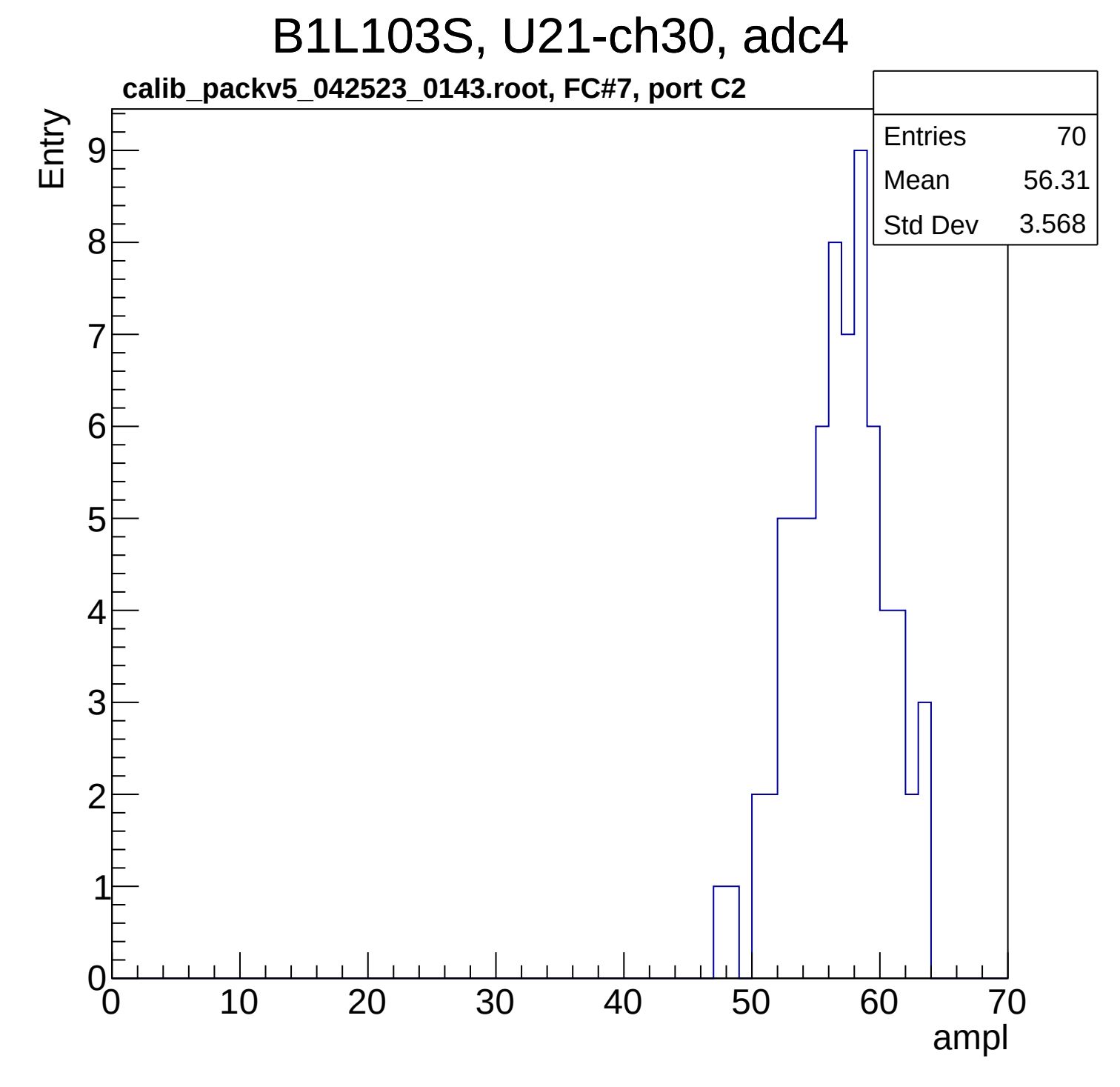
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch30, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 56.31
Std Dev 3.568
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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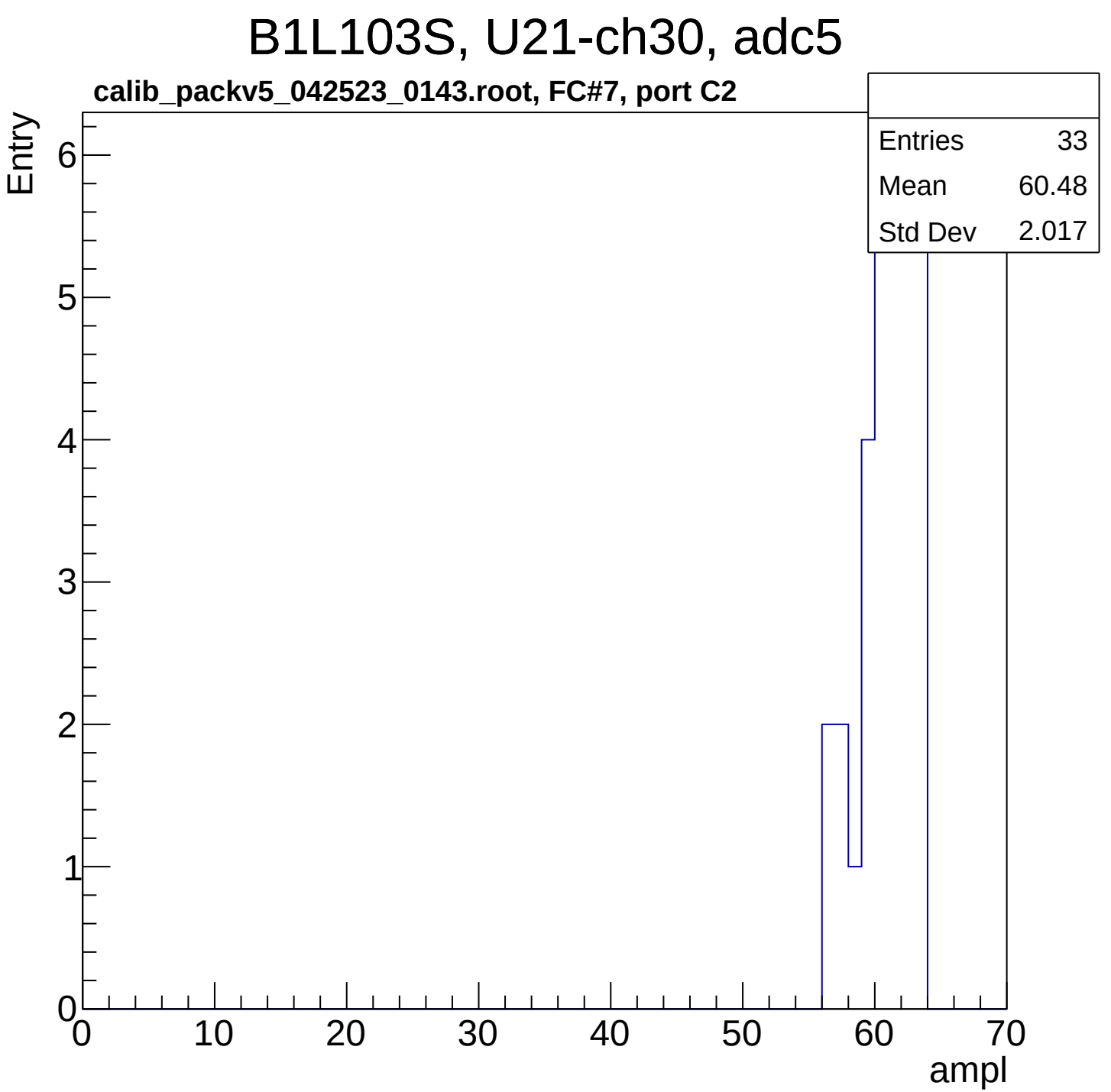
B1L103S, U21-ch30, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 33
Mean 60.48
Std Dev 2.017
Entry
0
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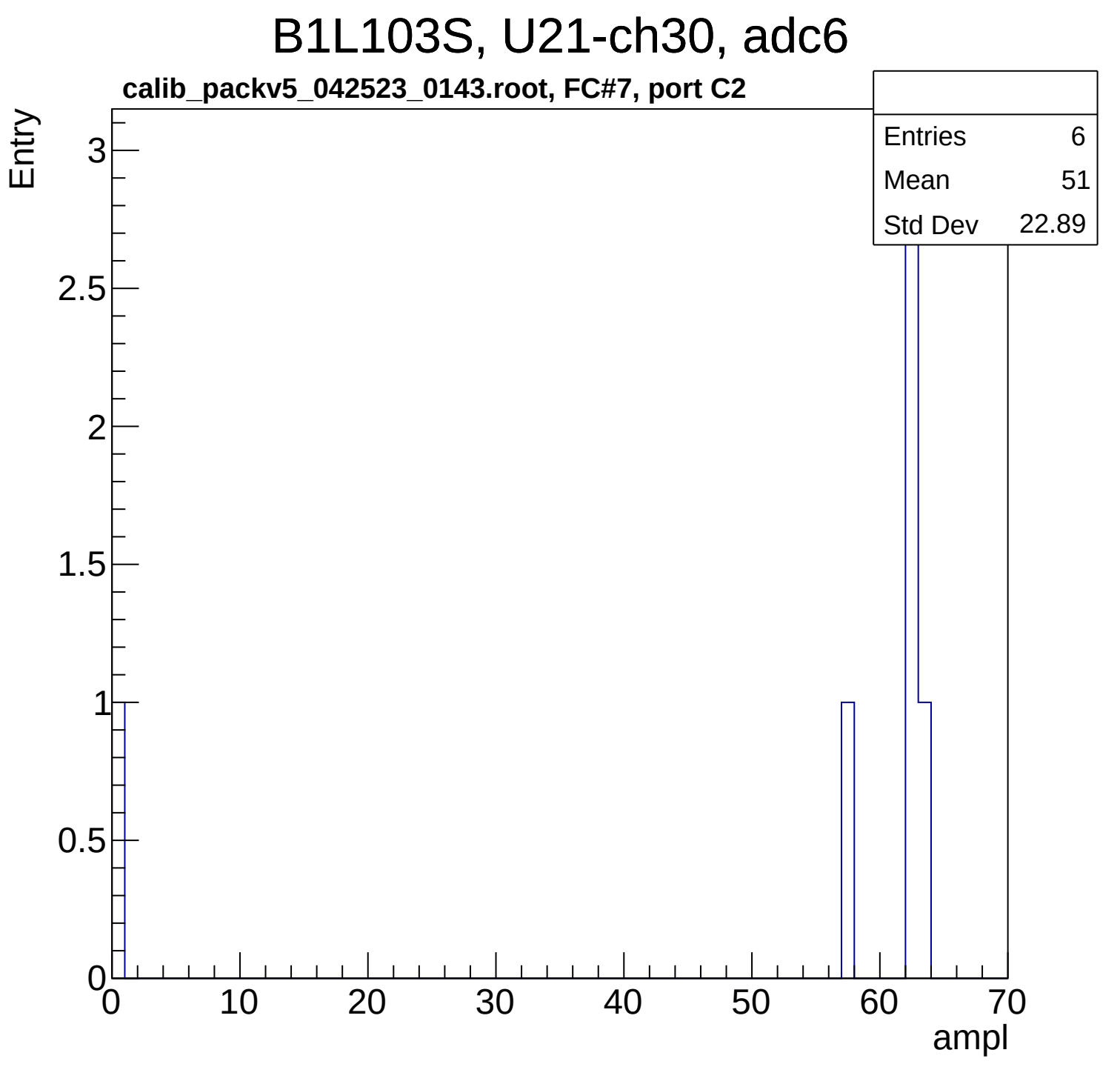
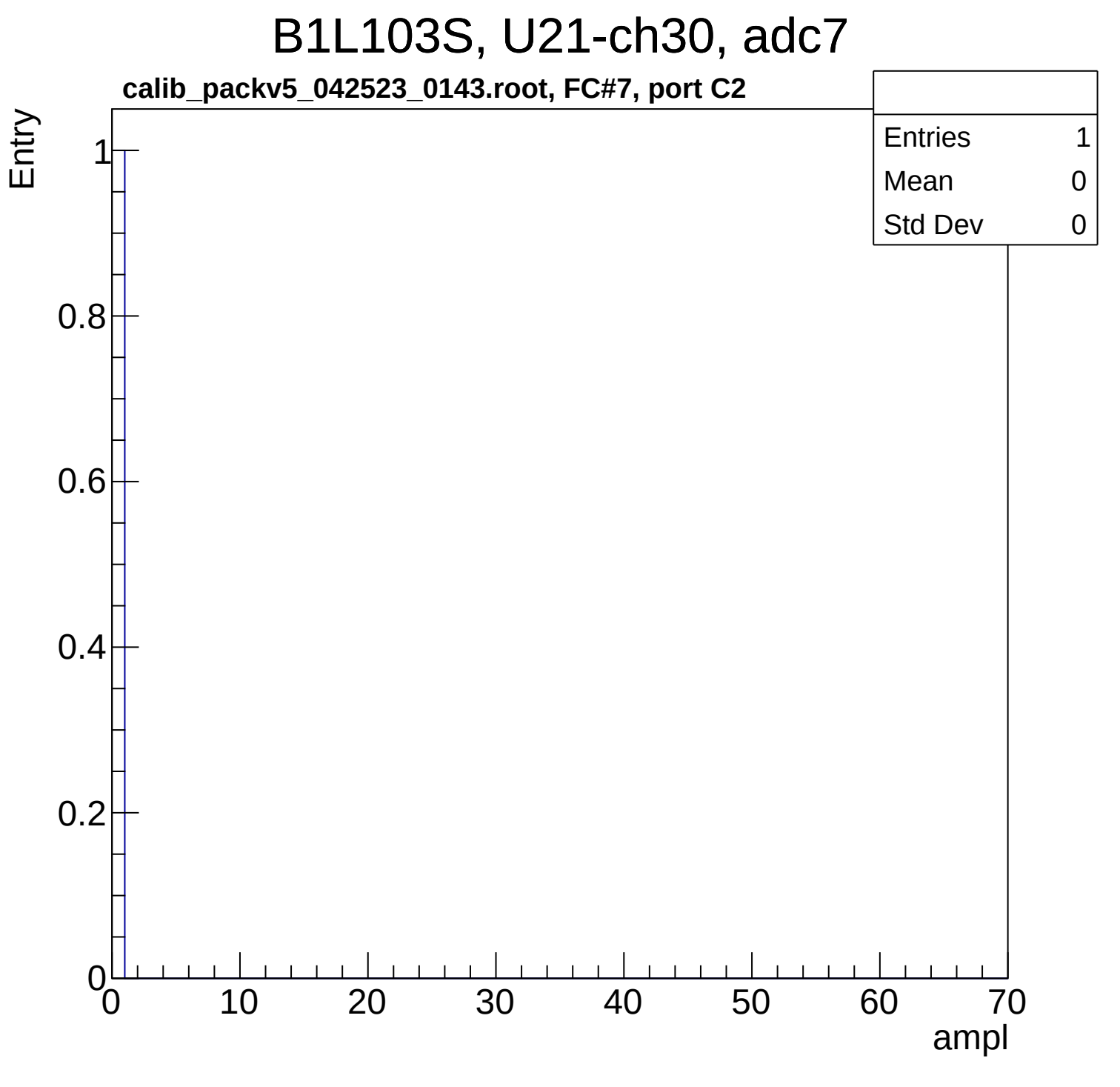
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch30, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 6
Mean 51
Std Dev 22.89
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U21-ch30, 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
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10
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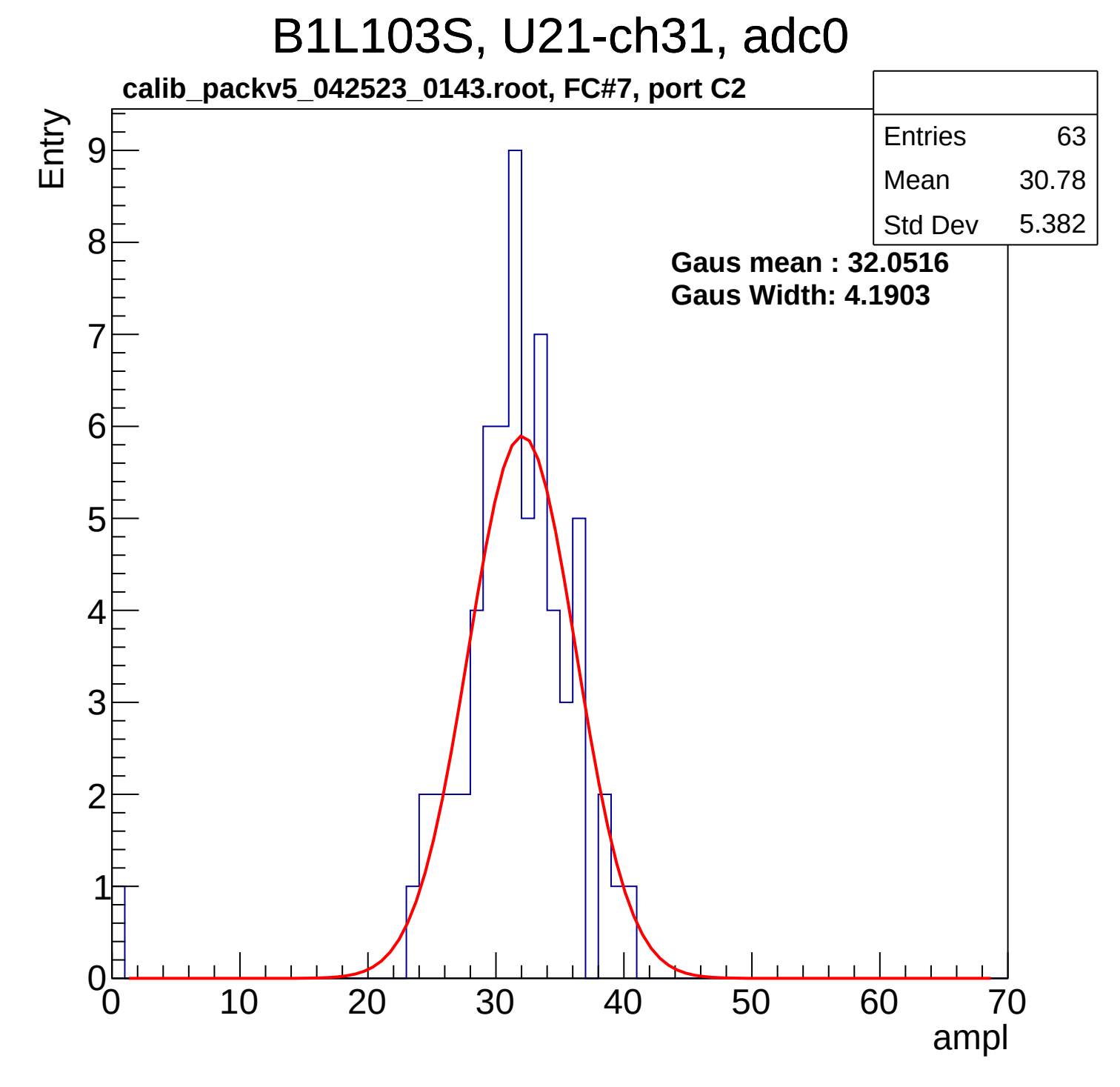
60
70
ampl


B1L103S, U21-ch31, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 30.78
Std Dev 5.382
Gaus mean : 32.0516
Gaus Width: 4.1903
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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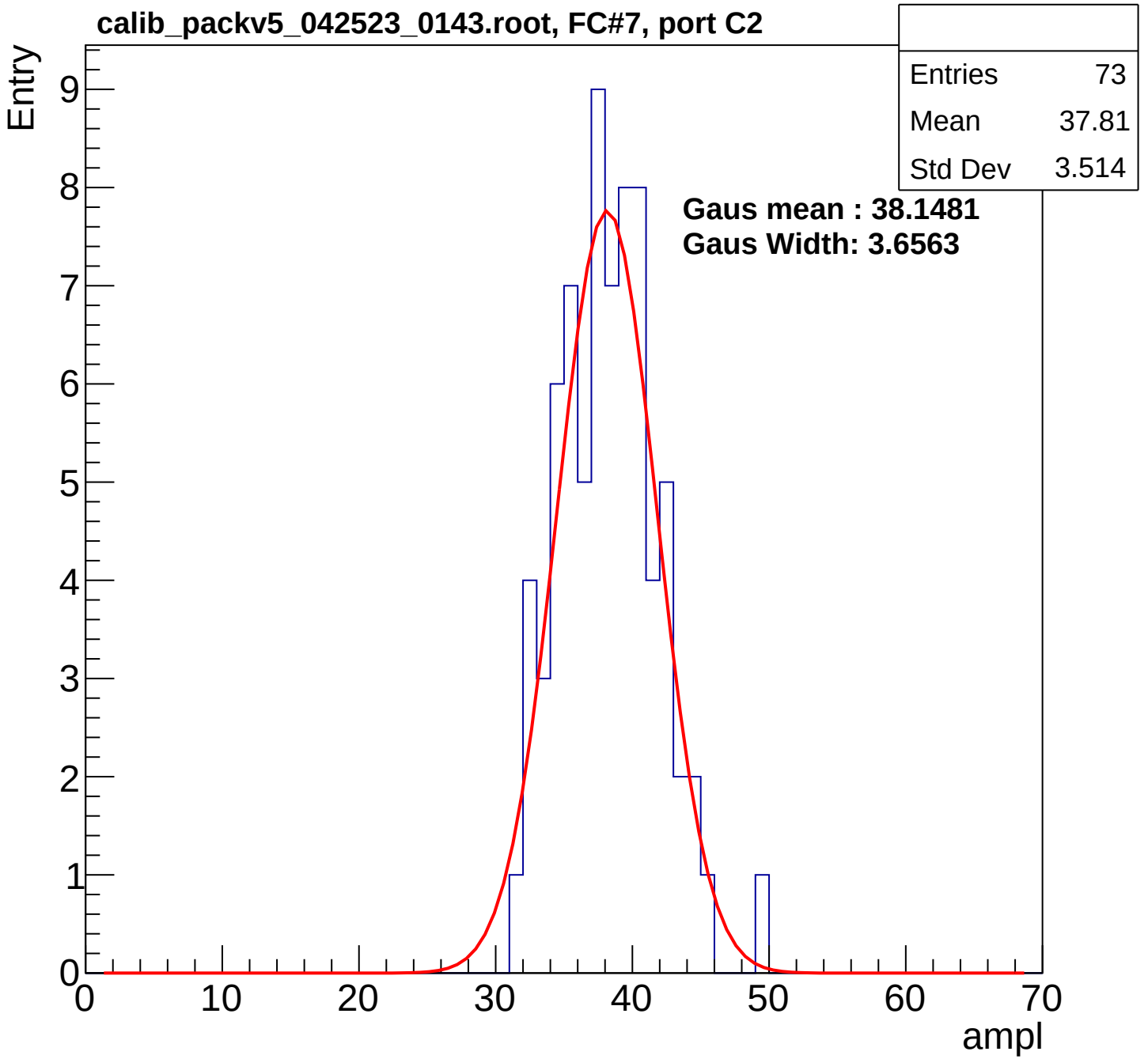
B1L103S, U21-ch31, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 37.81
Std Dev 3.514
Gaus mean : 38.1481
Gaus Width: 3.6563
Entry
ampl
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2
3
4
5
6
7
8
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0
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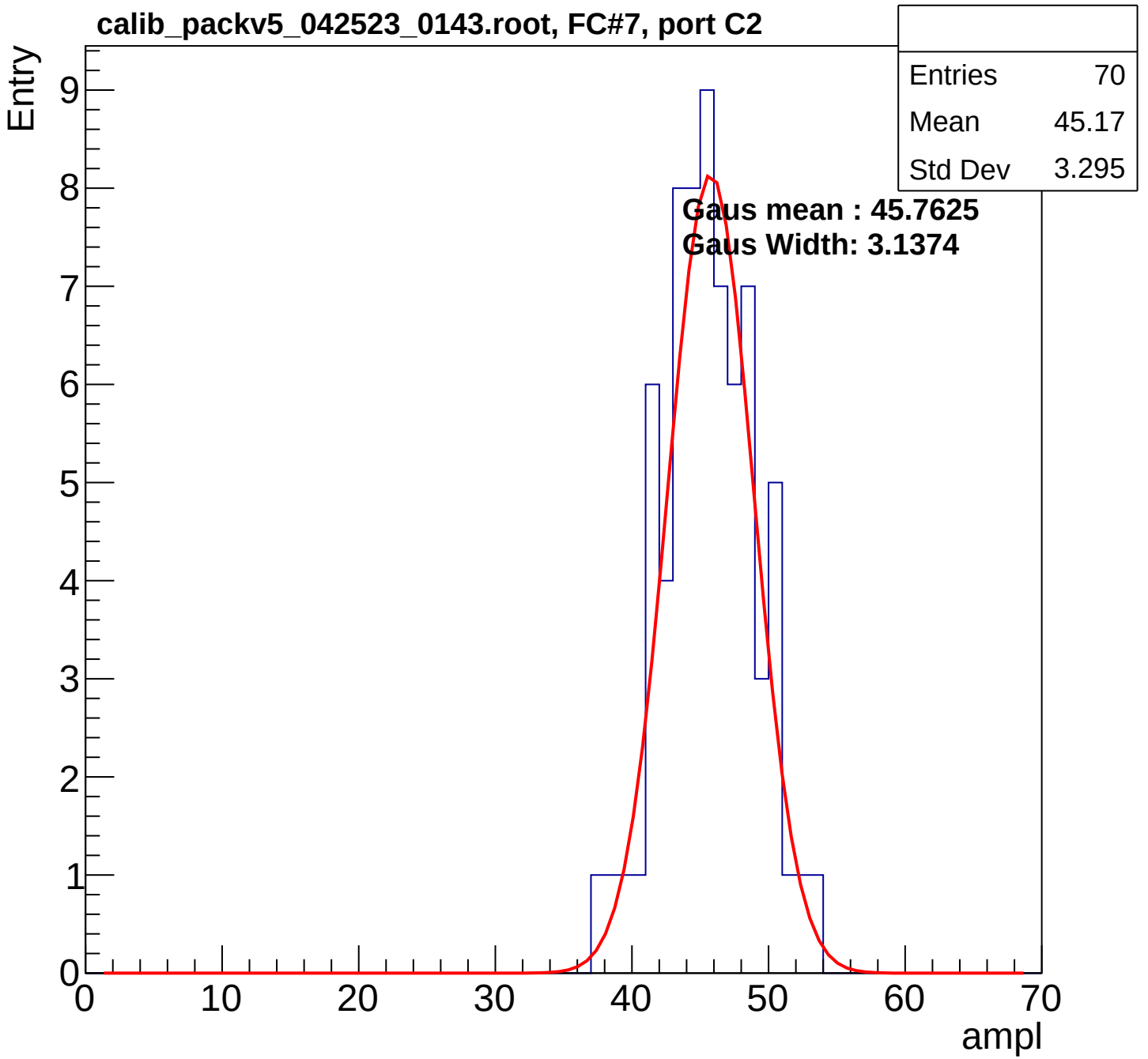
B1L103S, U21-ch31, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 45.17
Std Dev 3.295
Gaus mean : 45.7625
Gaus Width: 3.1374
Entry
ampl
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2
3
4
5
6
7
8
9
0
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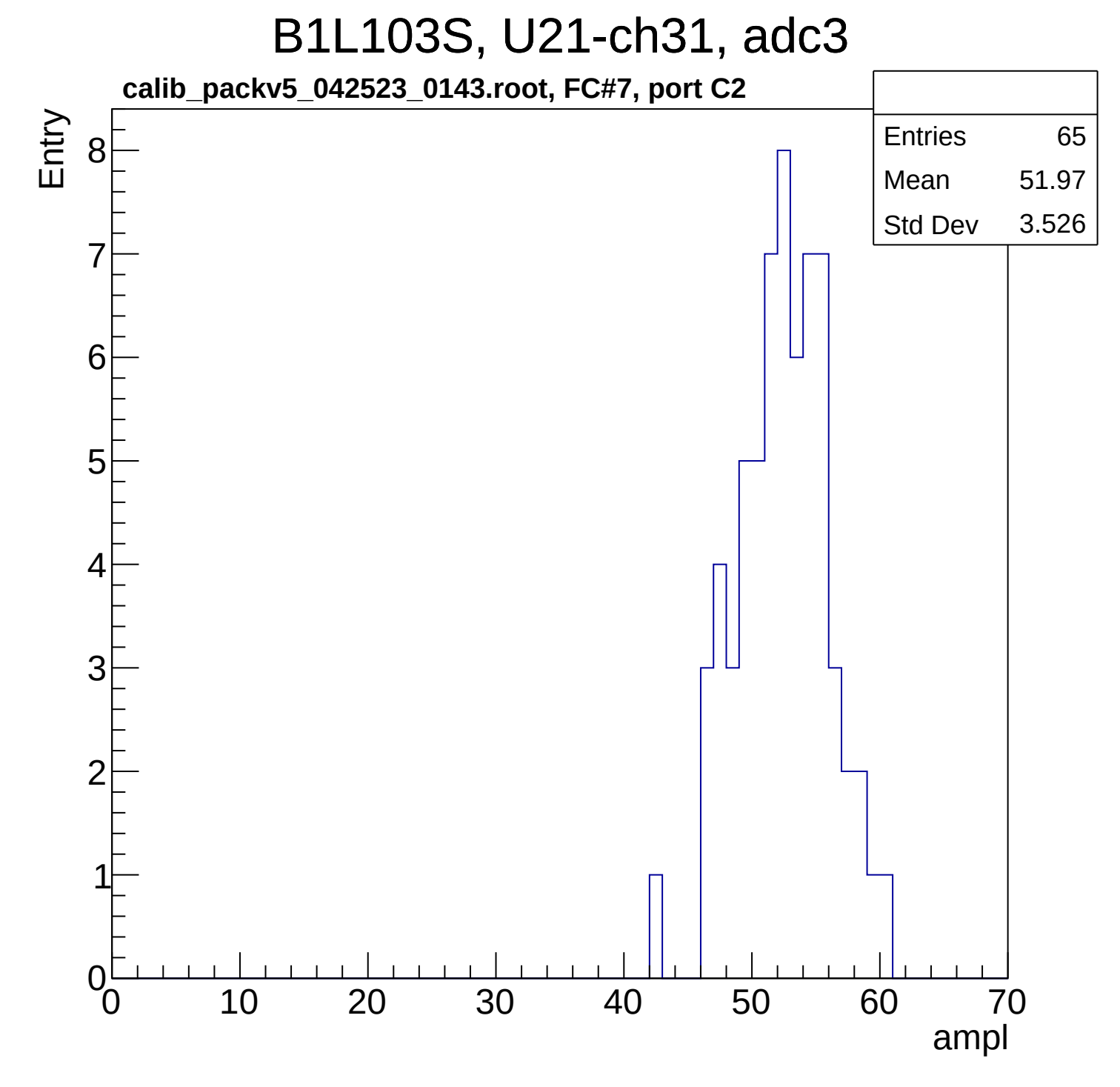
B1L103S, U21-ch31, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 51.97
Std Dev 3.526
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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40
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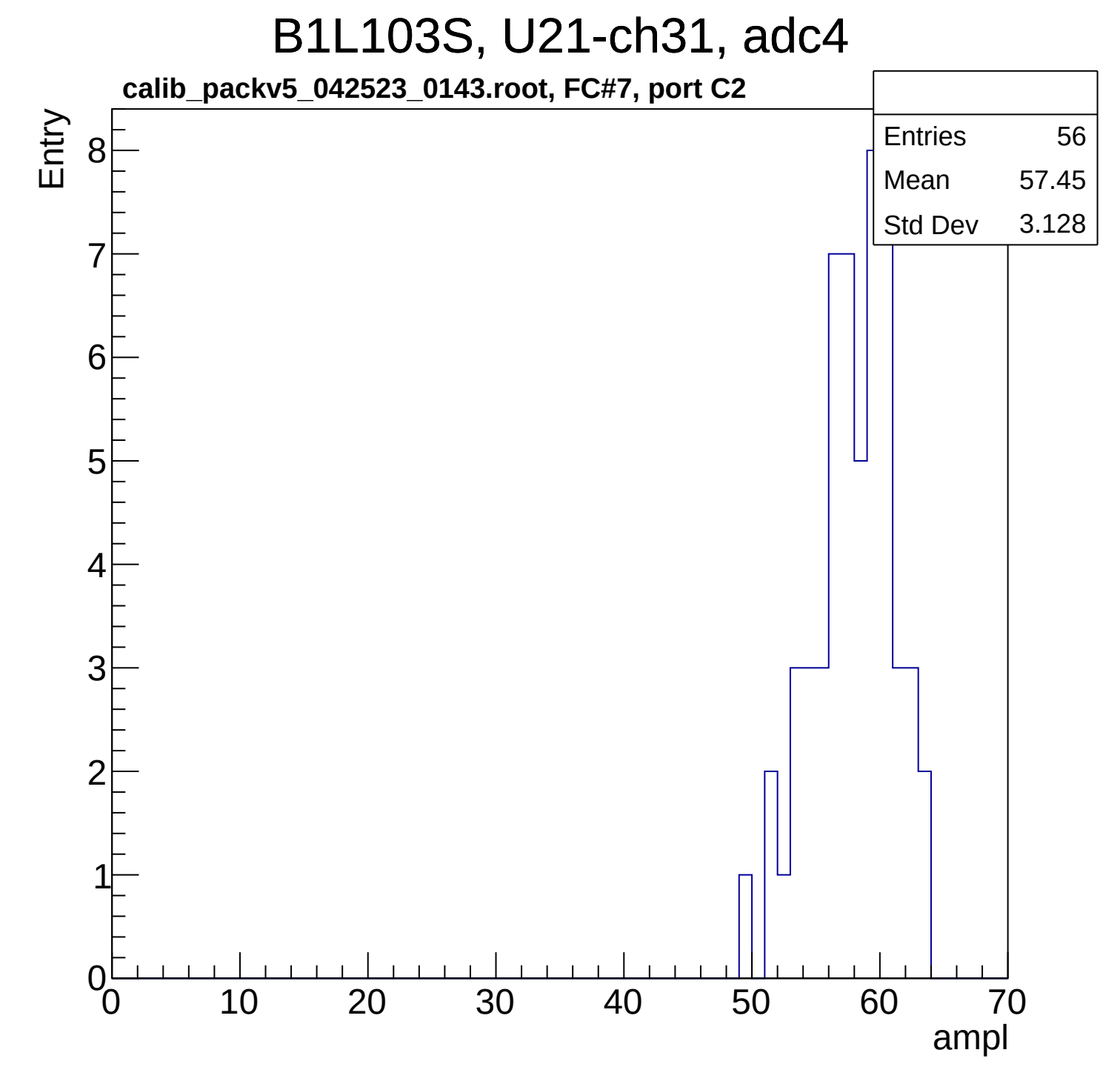
B1L103S, U21-ch31, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 57.45
Std Dev 3.128
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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60
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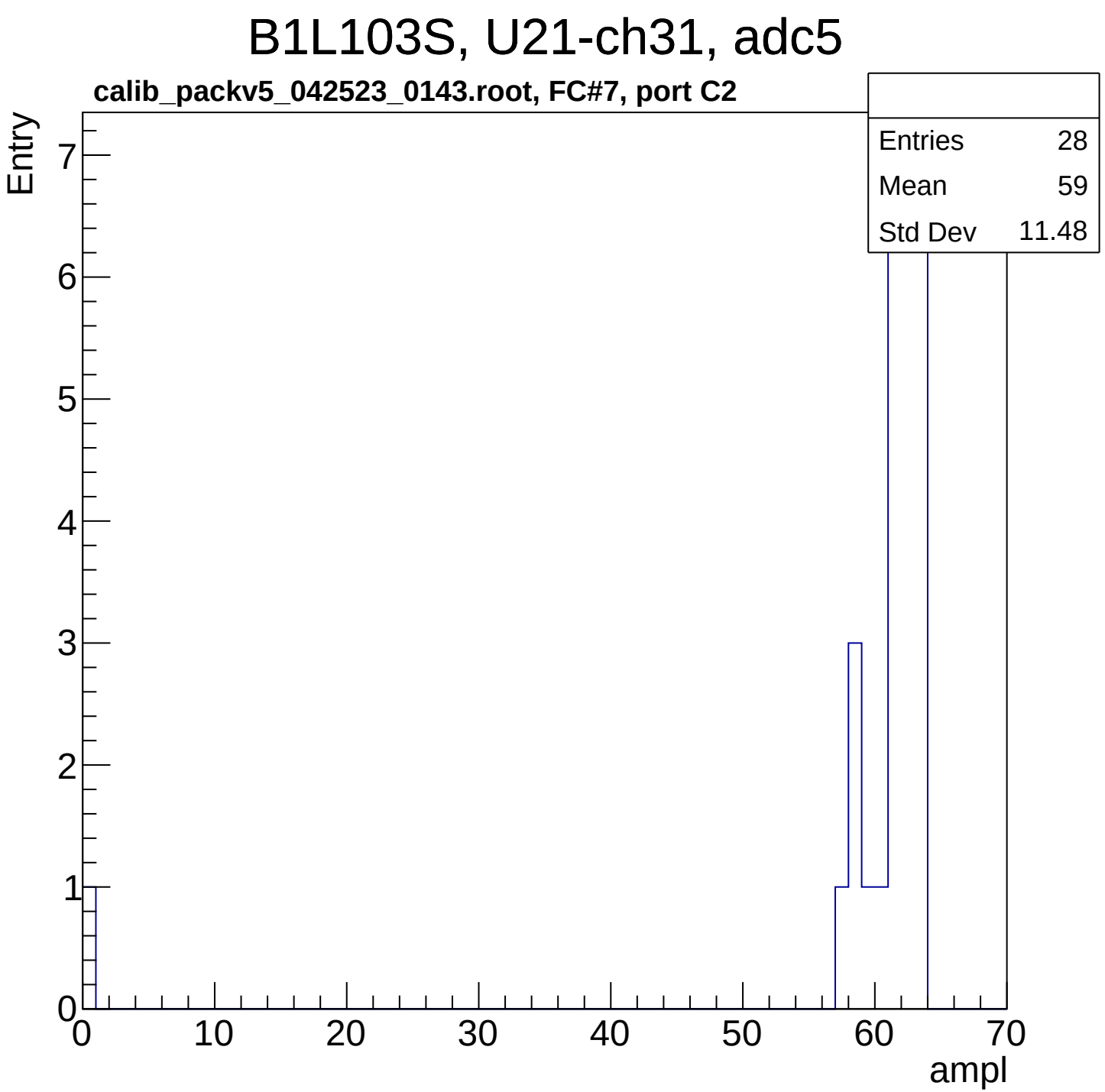
B1L103S, U21-ch31, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 28
Mean 59
Std Dev 11.48
Entry
ampl
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1
2
3
4
5
6
7
0
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40
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60
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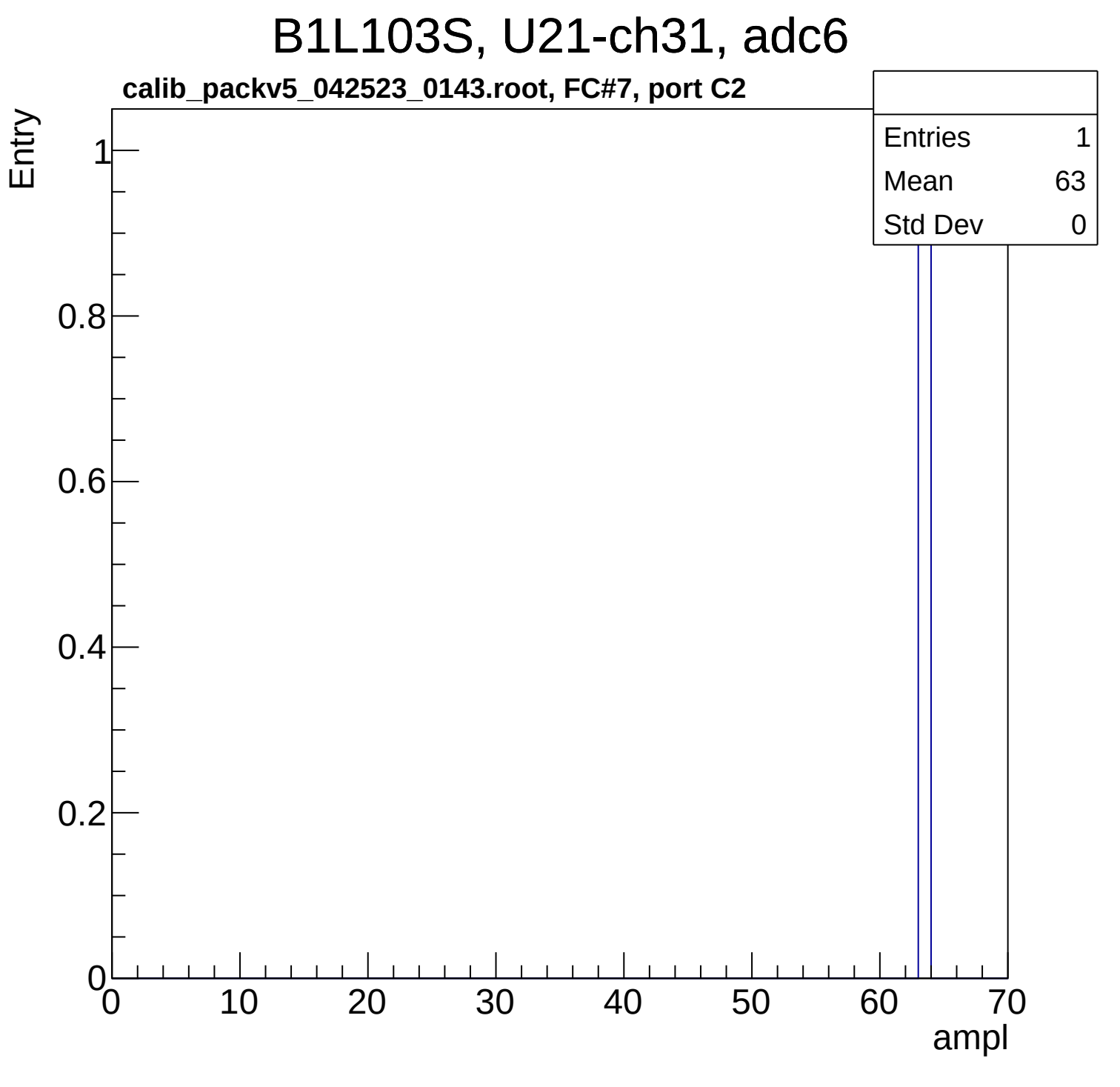
B1L103S, U21-ch31, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 63
Std Dev 0
Entry
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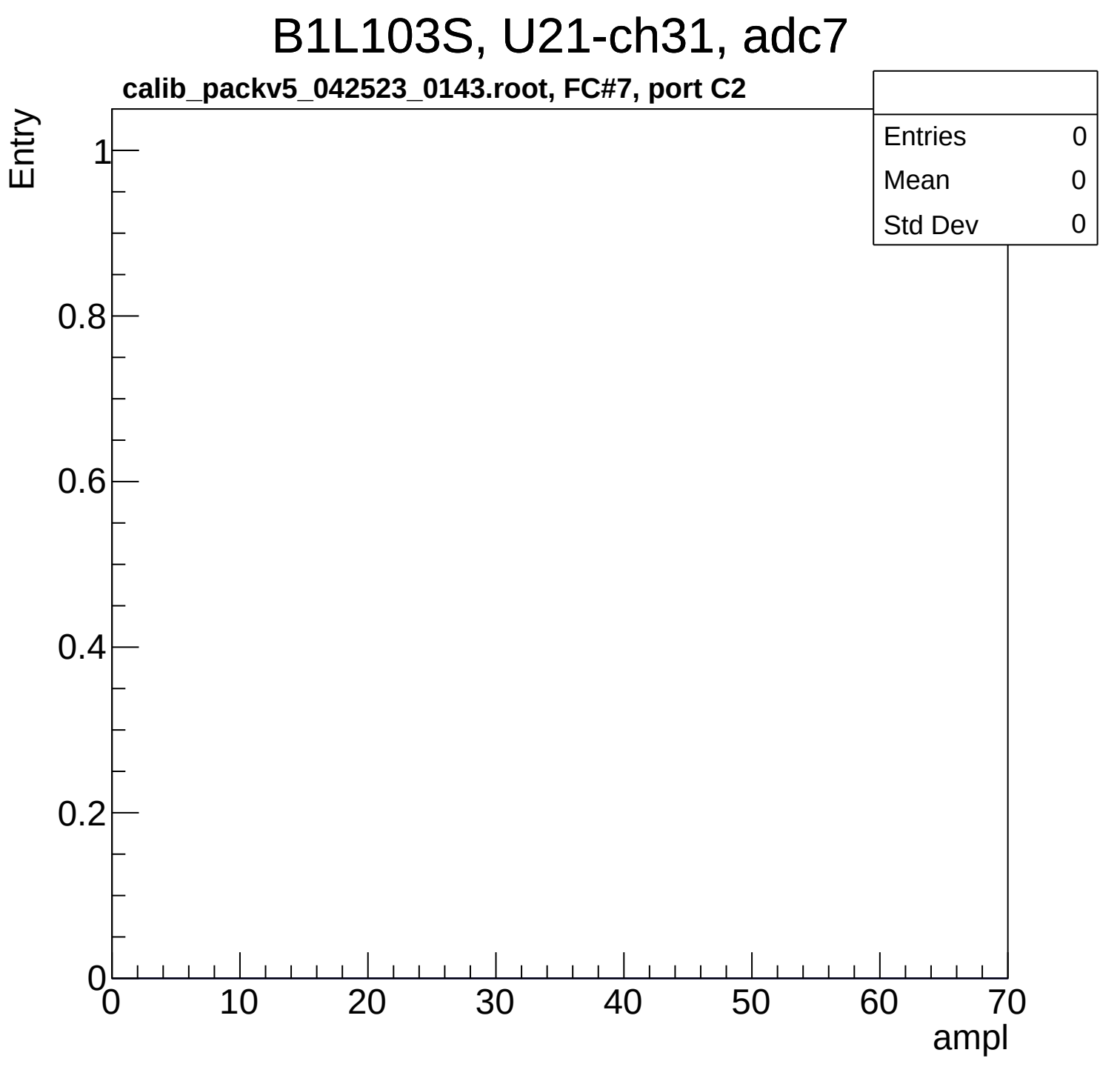
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch31, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
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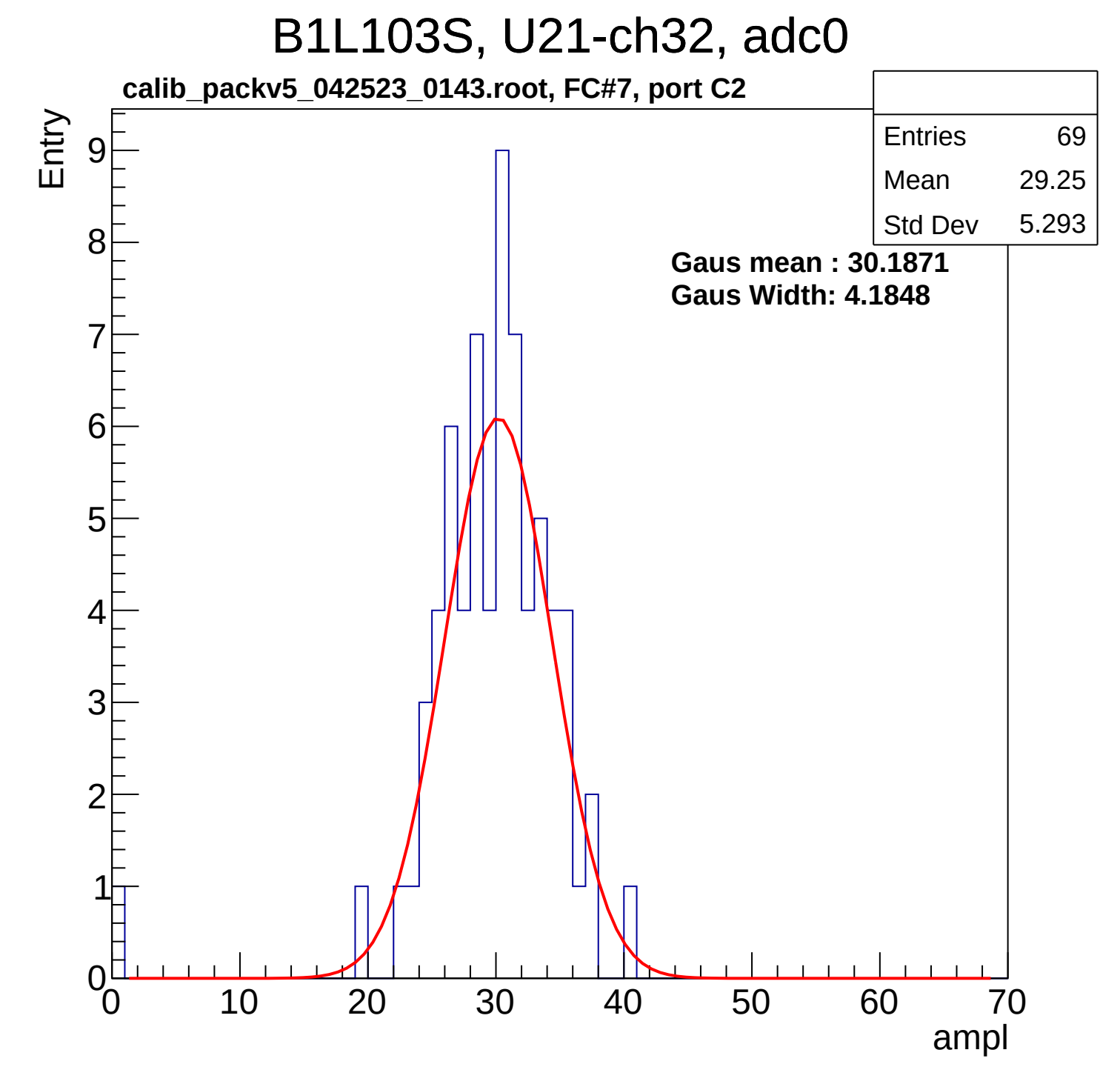
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch32, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 29.25
Std Dev 5.293
Gaus mean : 30.1871
Gaus Width: 4.1848
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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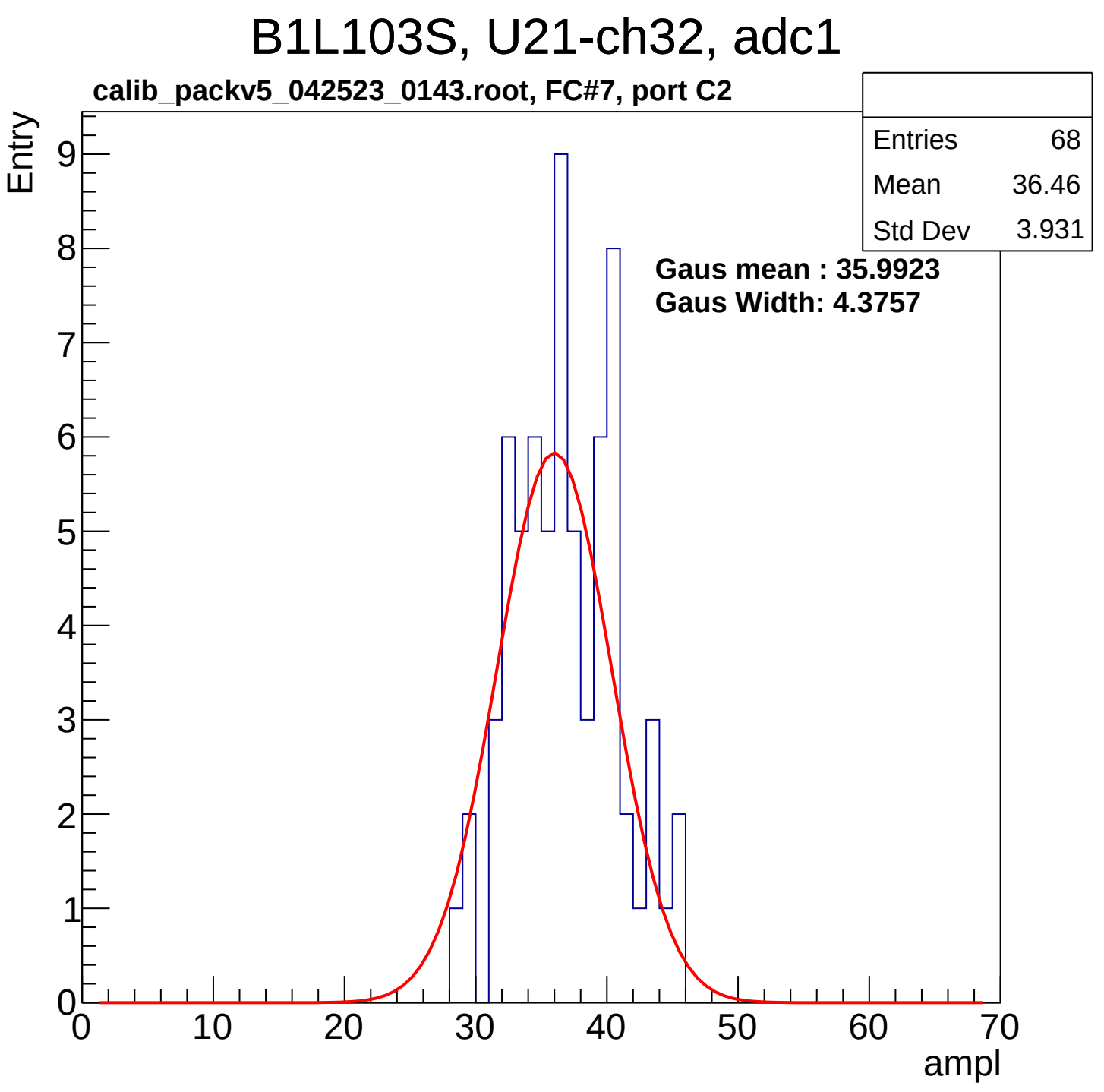
B1L103S, U21-ch32, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 36.46
Std Dev 3.931
Gaus mean : 35.9923
Gaus Width: 4.3757
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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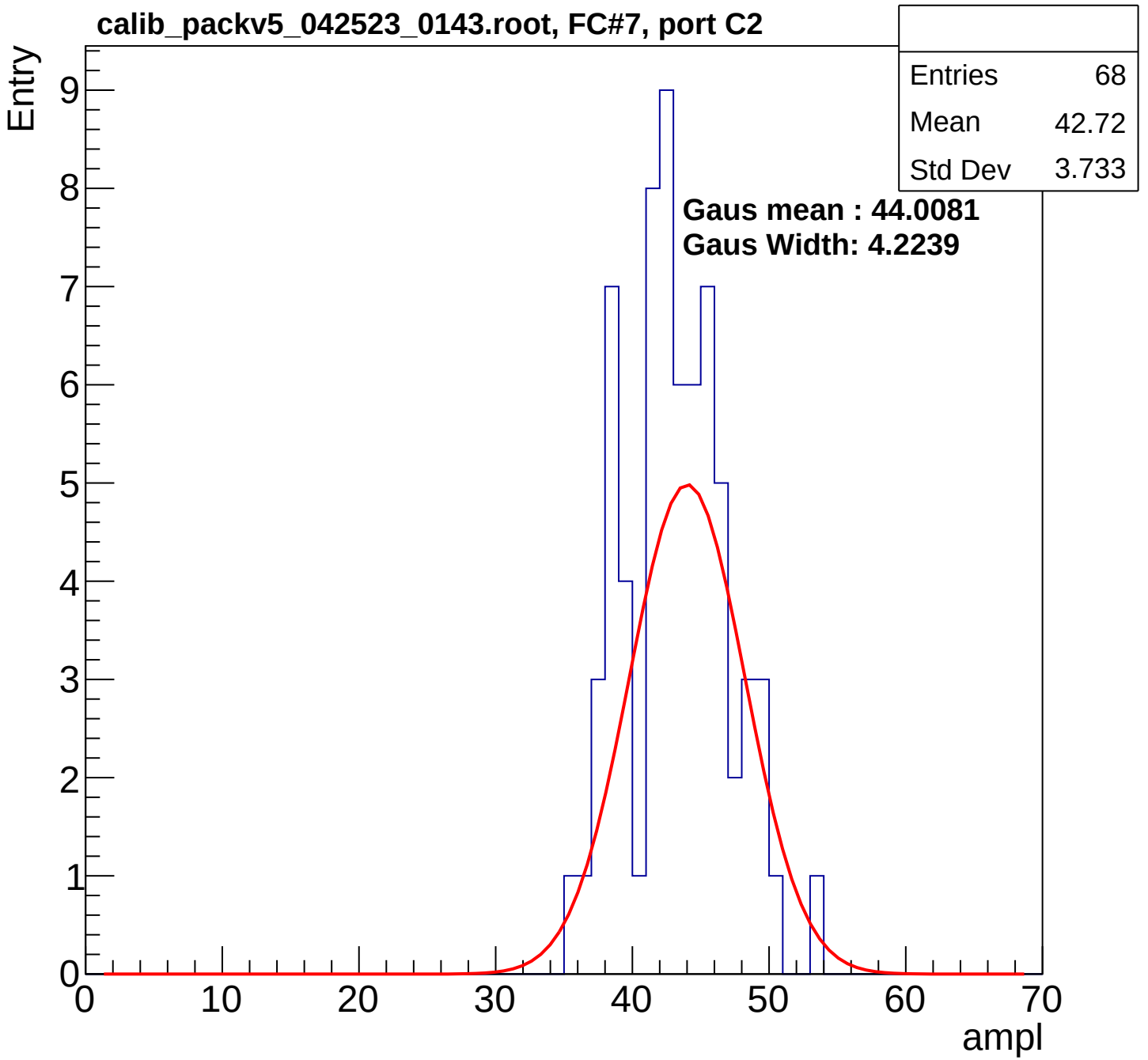
B1L103S, U21-ch32, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 42.72
Std Dev 3.733
Gaus mean : 44.0081
Gaus Width: 4.2239
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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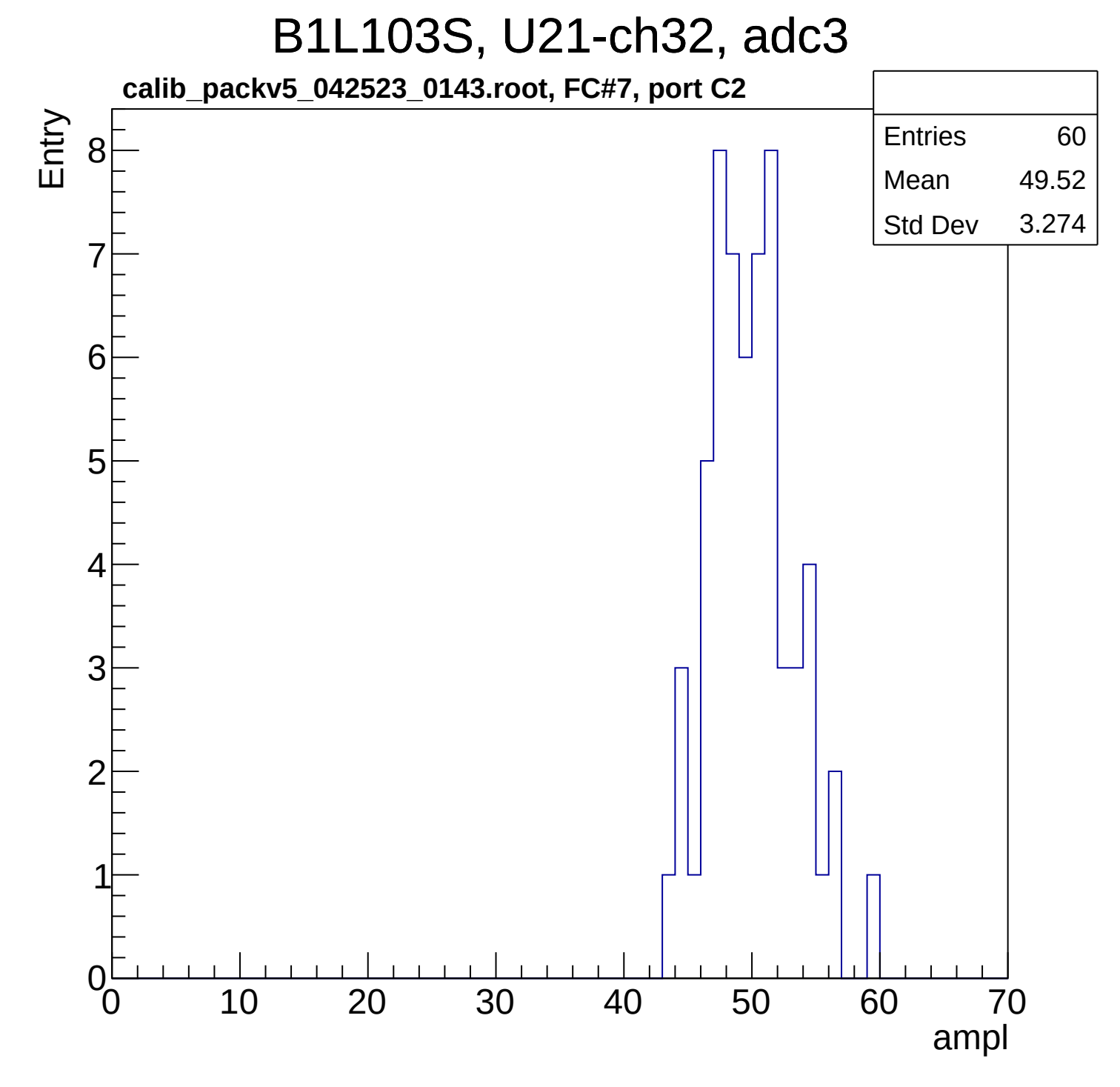
B1L103S, U21-ch32, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 49.52
Std Dev 3.274
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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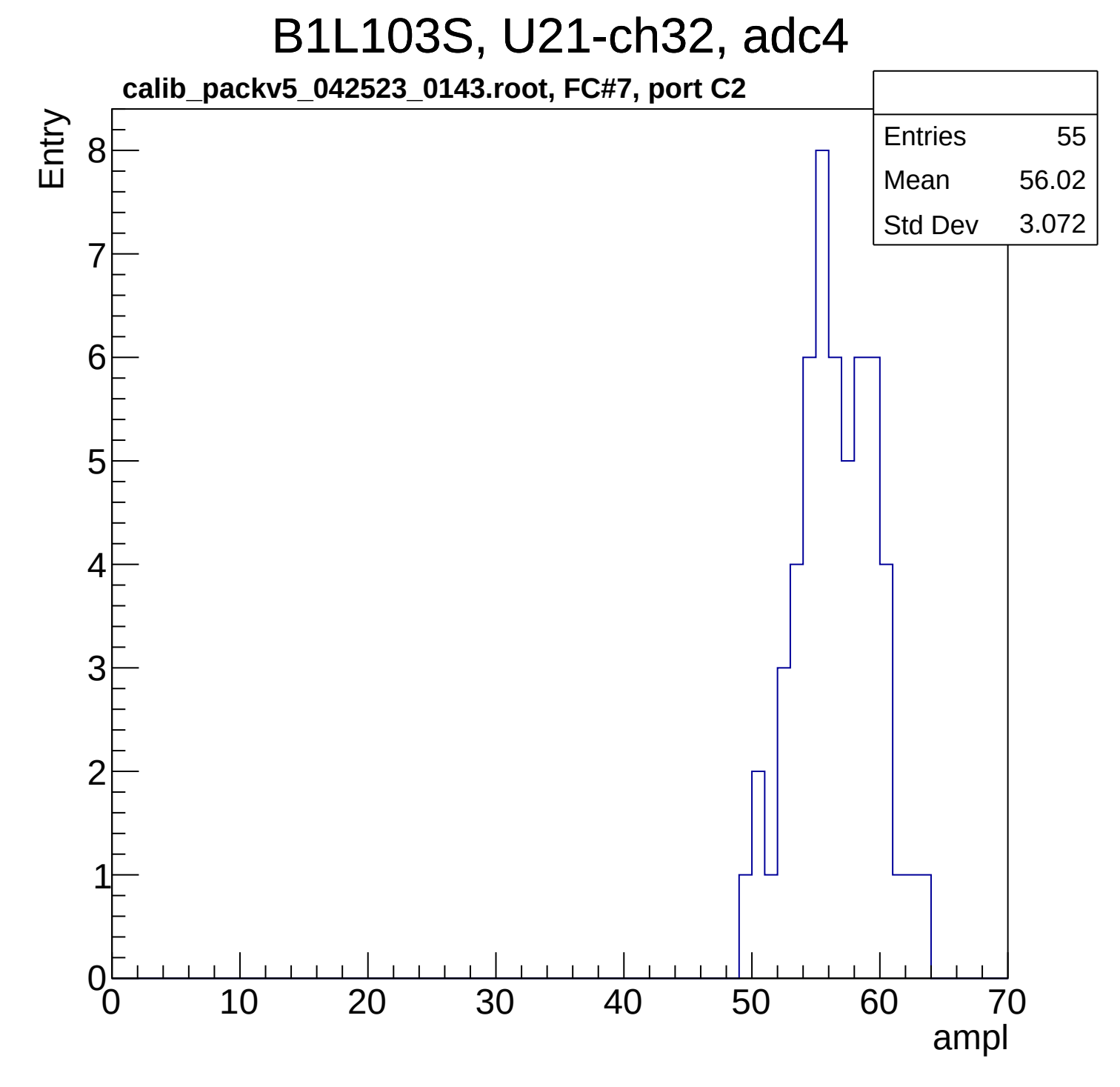
B1L103S, U21-ch32, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 56.02
Std Dev 3.072
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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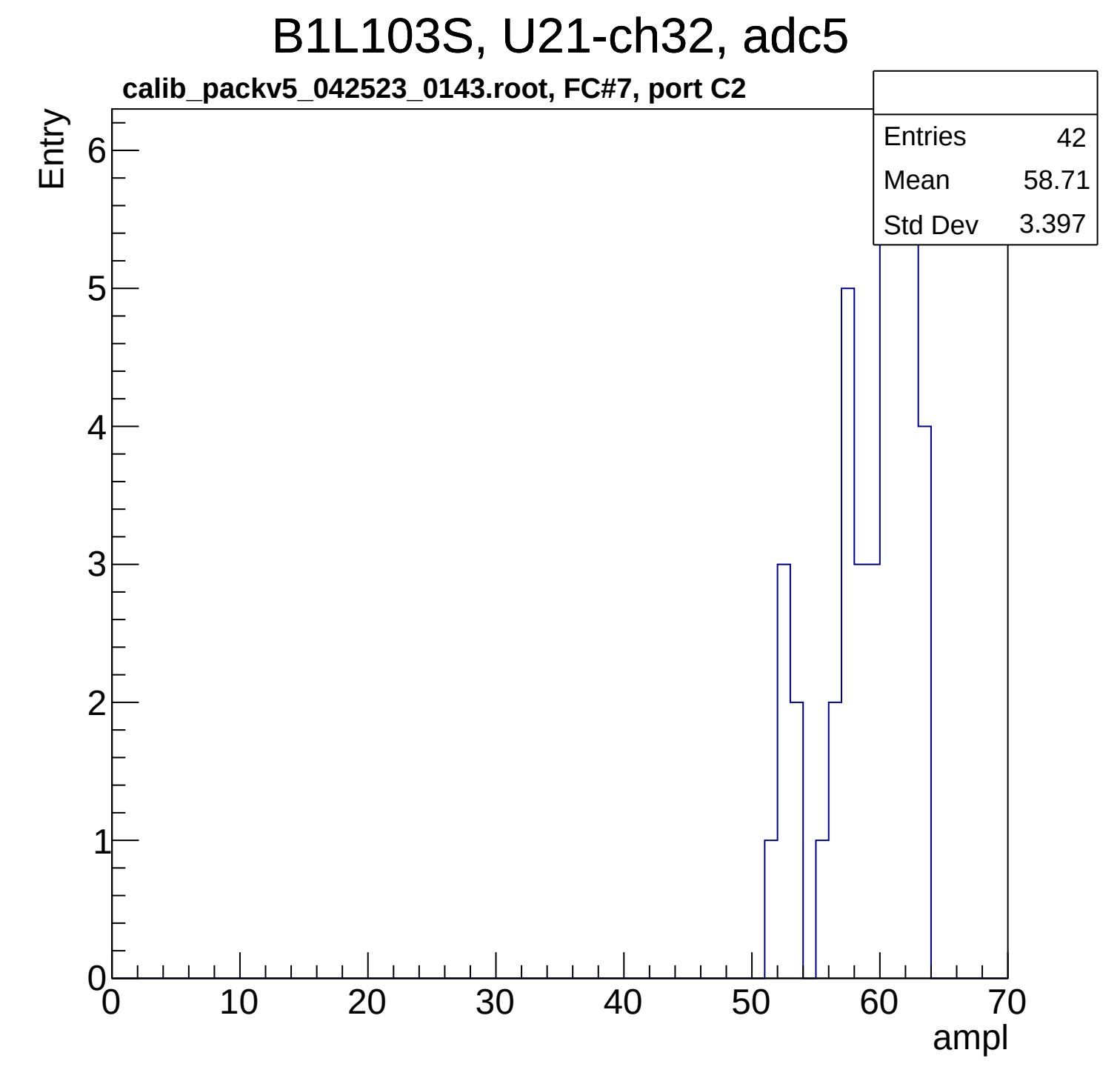
B1L103S, U21-ch32, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 42
Mean 58.71
Std Dev 3.397
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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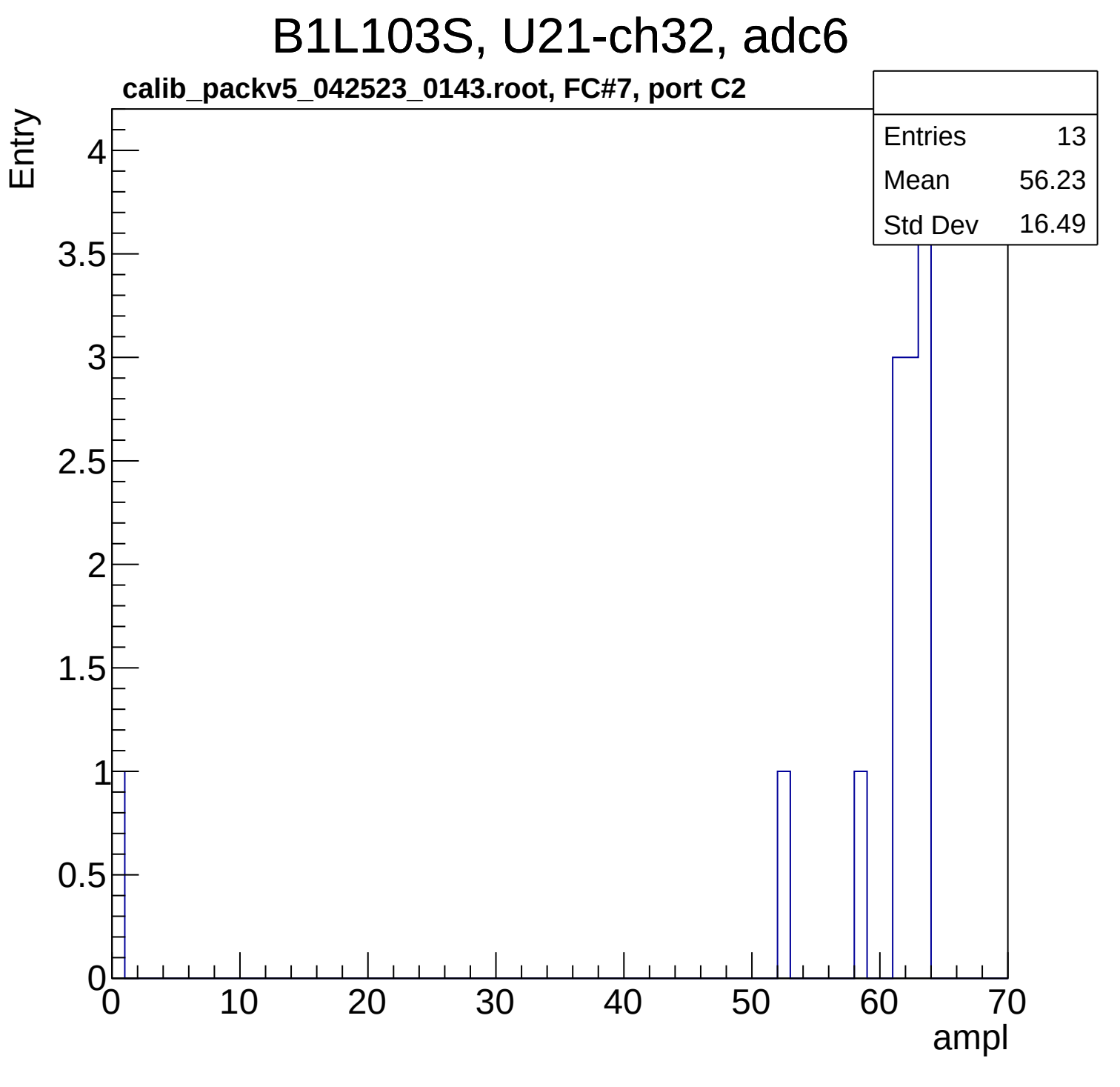
B1L103S, U21-ch32, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 13
Mean 56.23
Std Dev 16.49
Entry
ampl
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0.5
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1.5
2
2.5
3
3.5
4
0
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20
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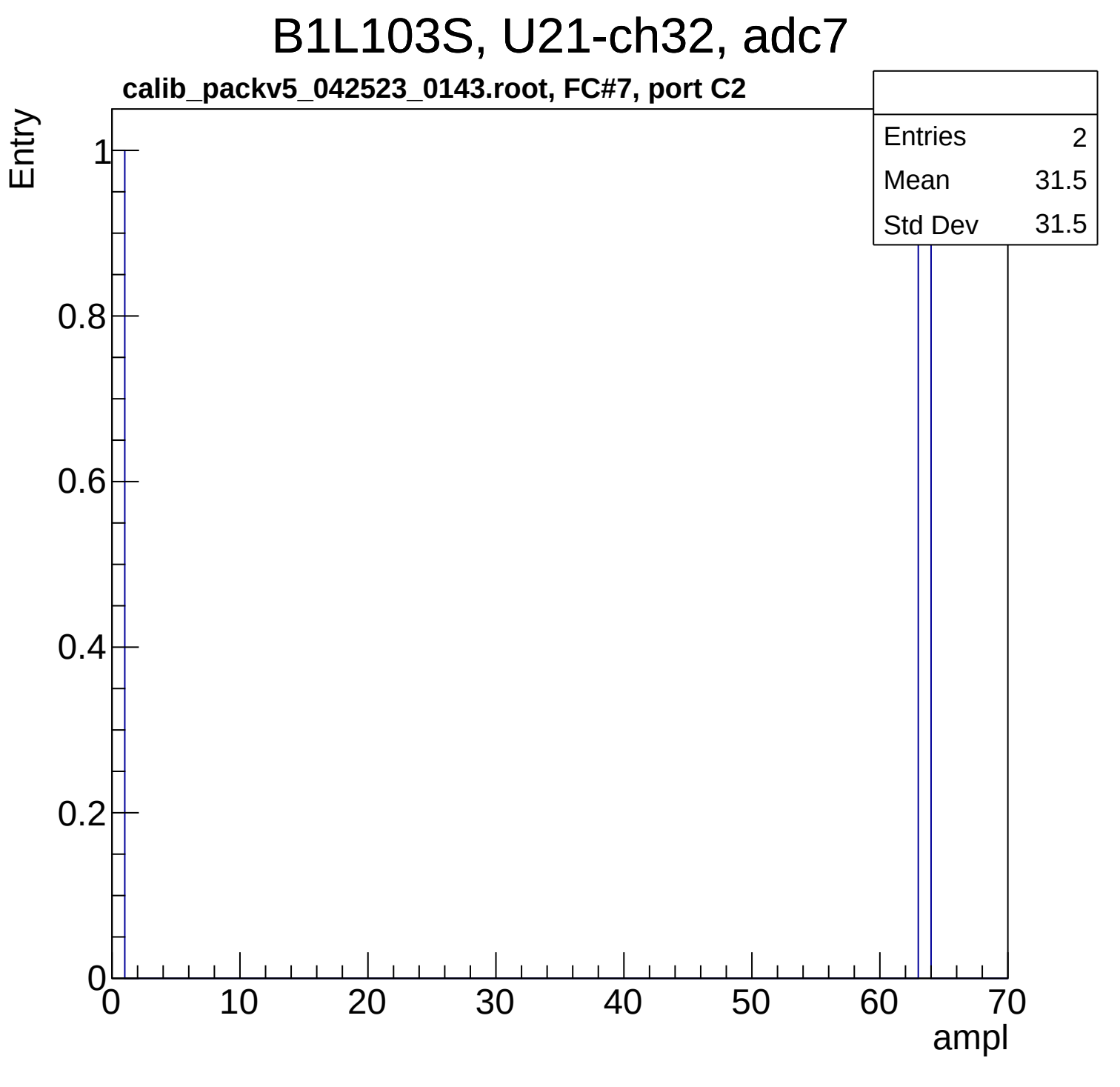
60
70


B1L103S, U21-ch32, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 31.5
Std Dev 31.5
Entry
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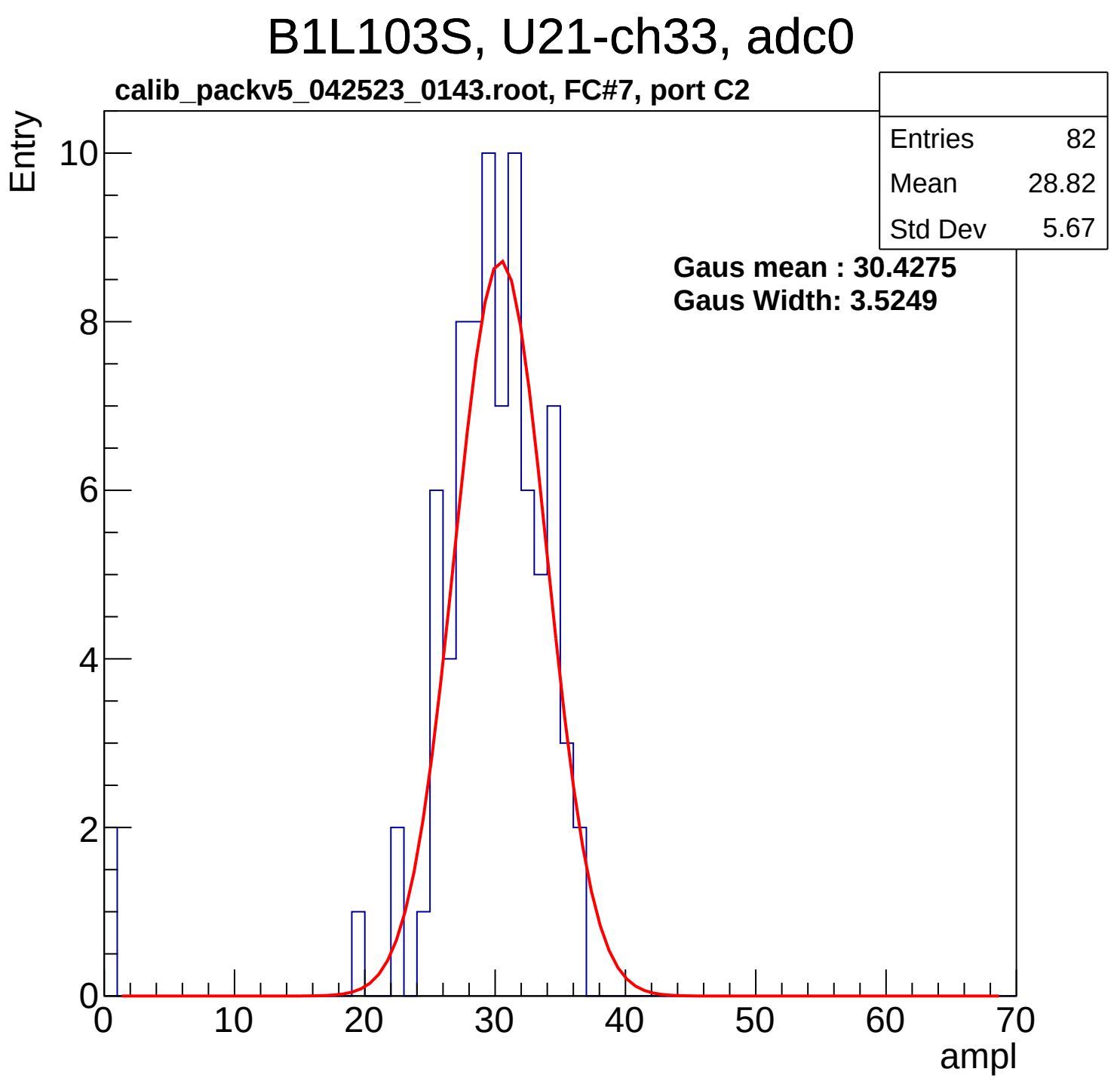
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch33, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 82
Mean 28.82
Std Dev 5.67
Gaus mean : 30.4275
Gaus Width: 3.5249
Entry
ampl
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2
4
6
8
10
0
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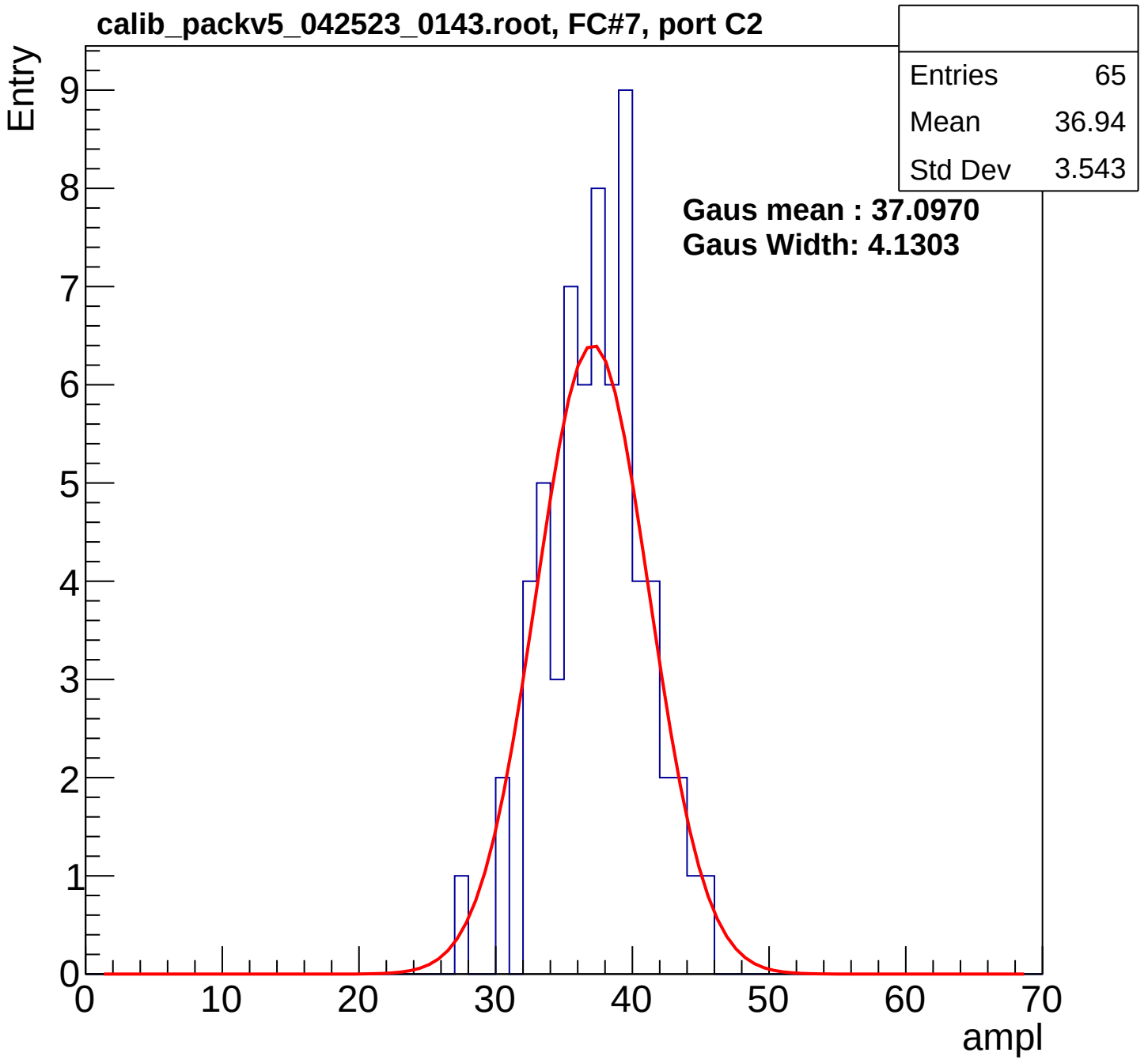
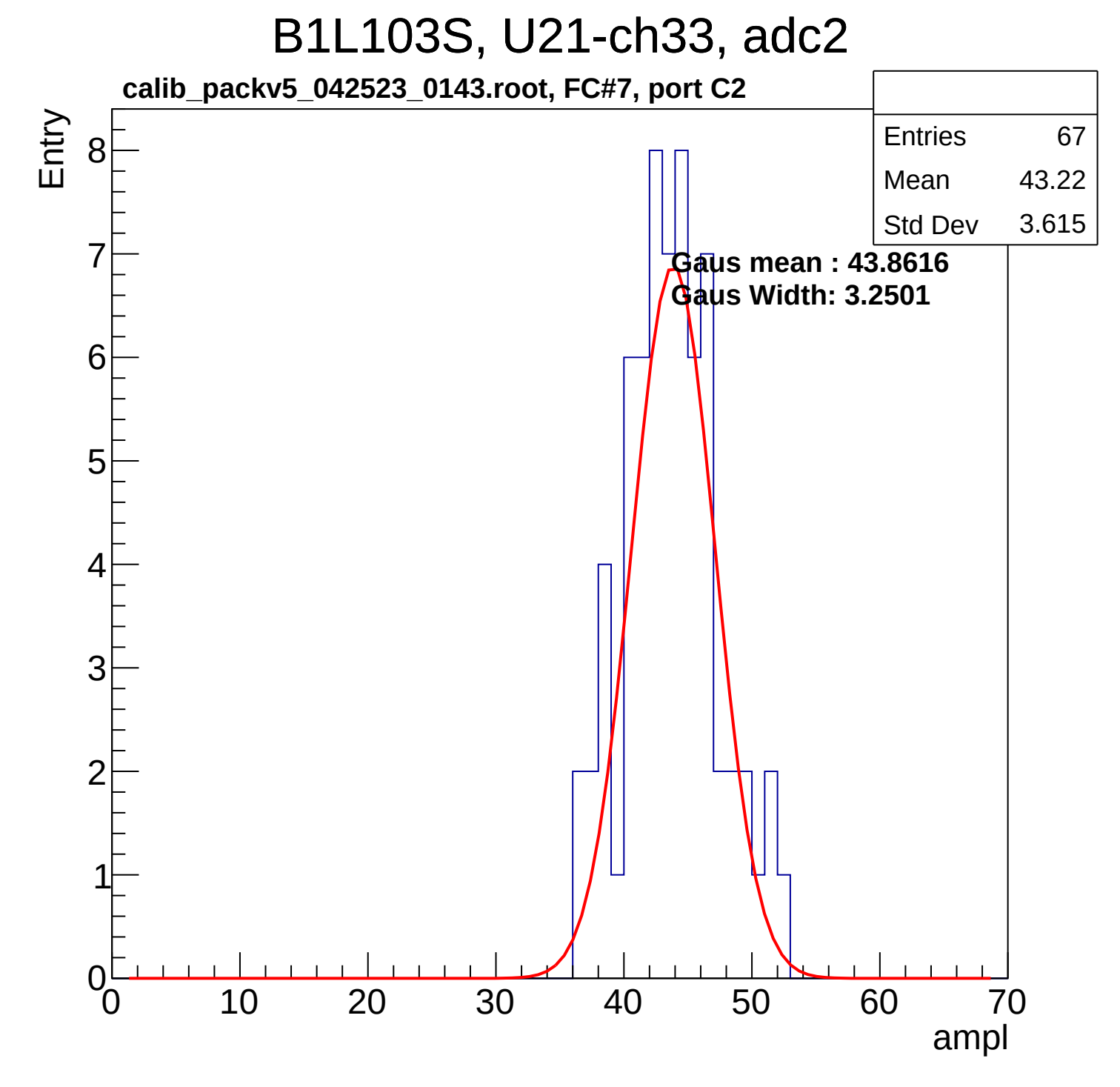
20
30
40
50
60
70


B1L103S, U21-ch33, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 36.94
Std Dev 3.543
Gaus mean : 37.0970
Gaus Width: 4.1303
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch33, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 43.22
Std Dev 3.615
Gaus mean : 43.8616
Gaus Width: 3.2501
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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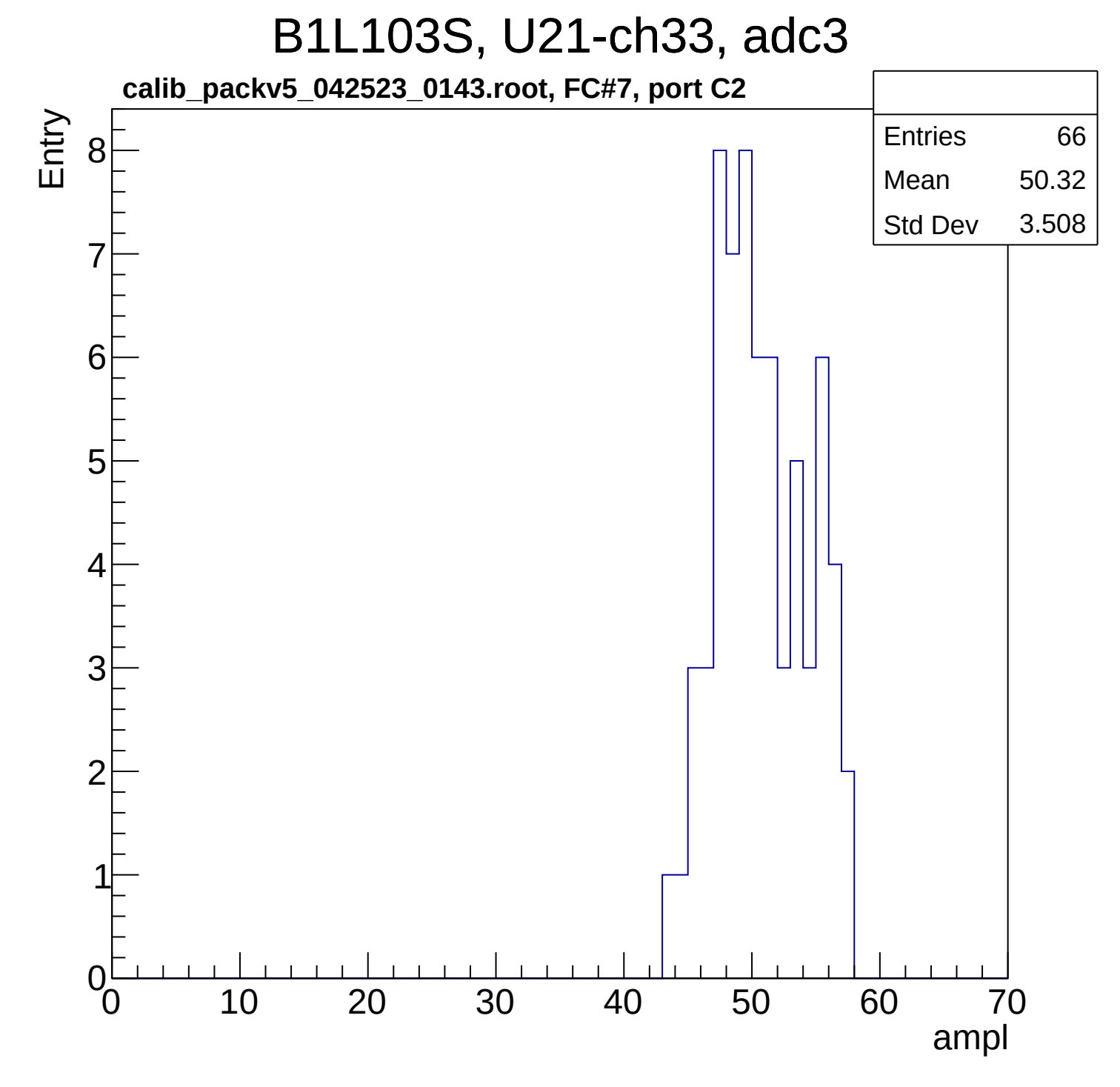
B1L103S, U21-ch33, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 50.32
Std Dev 3.508
Entry
ampl
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0
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60
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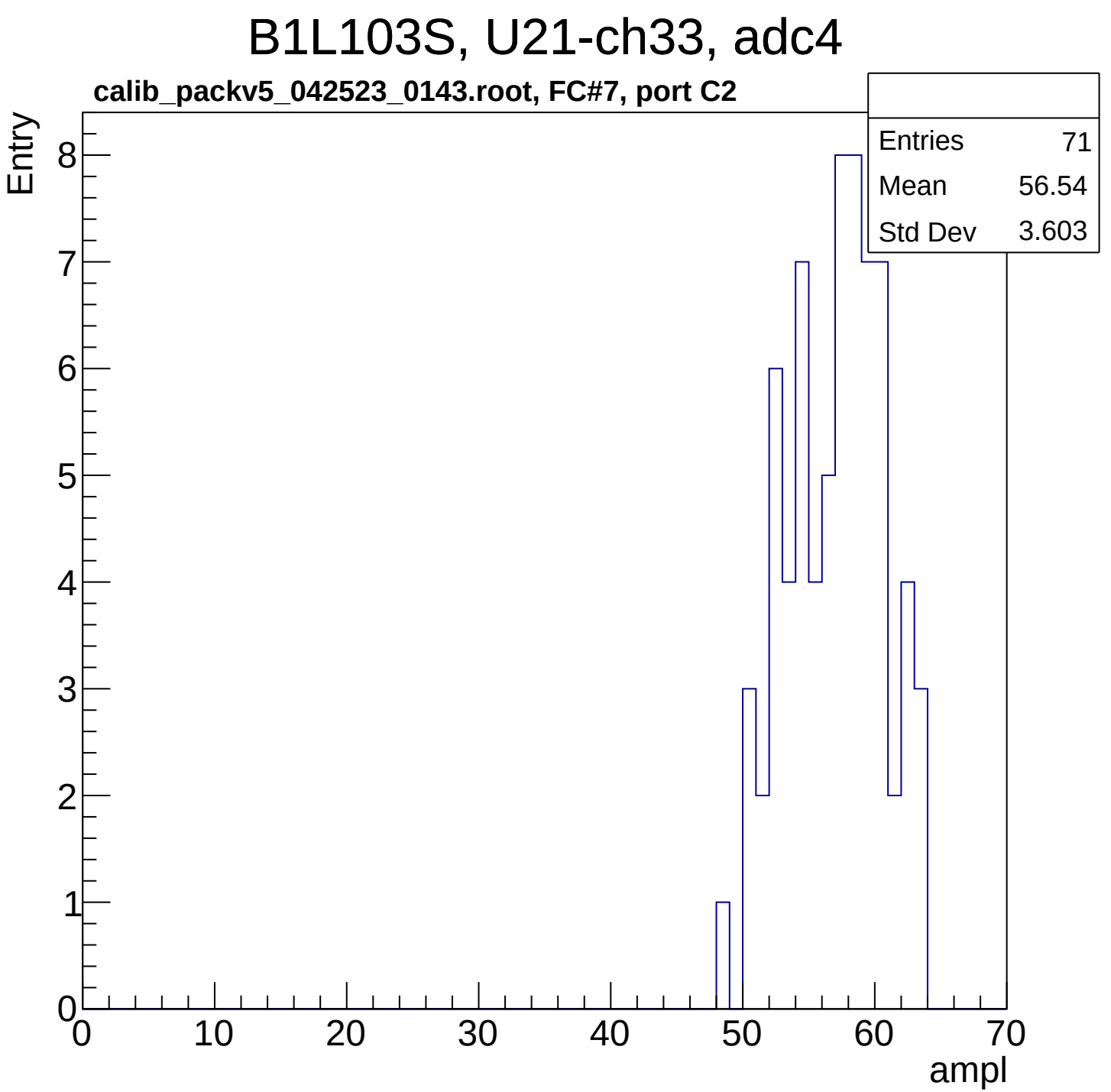
B1L103S, U21-ch33, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 56.54
Std Dev 3.603
Entry
ampl
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7
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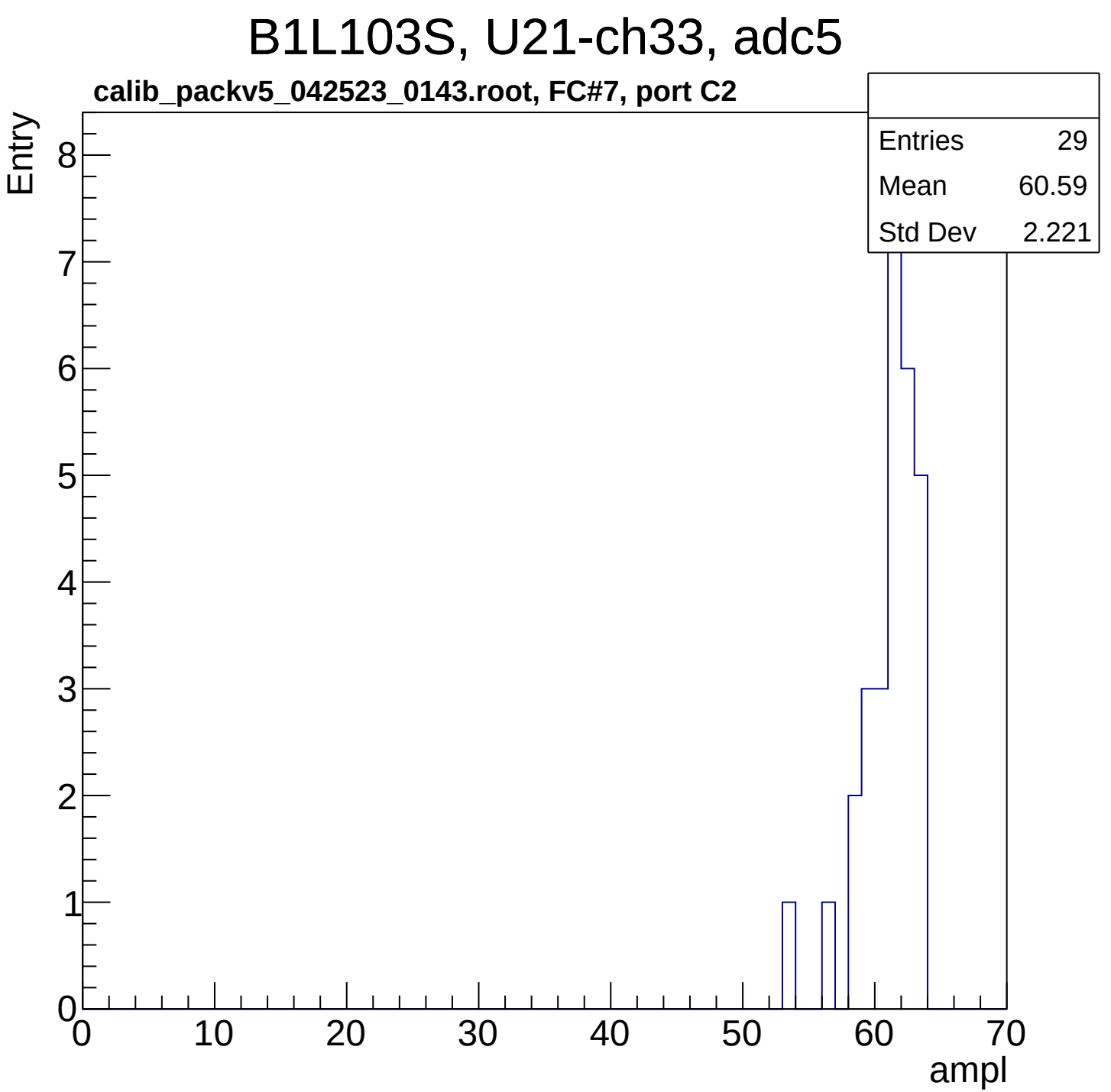
B1L103S, U21-ch33, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 29
Mean 60.59
Std Dev 2.221
Entry
ampl
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7
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0
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60
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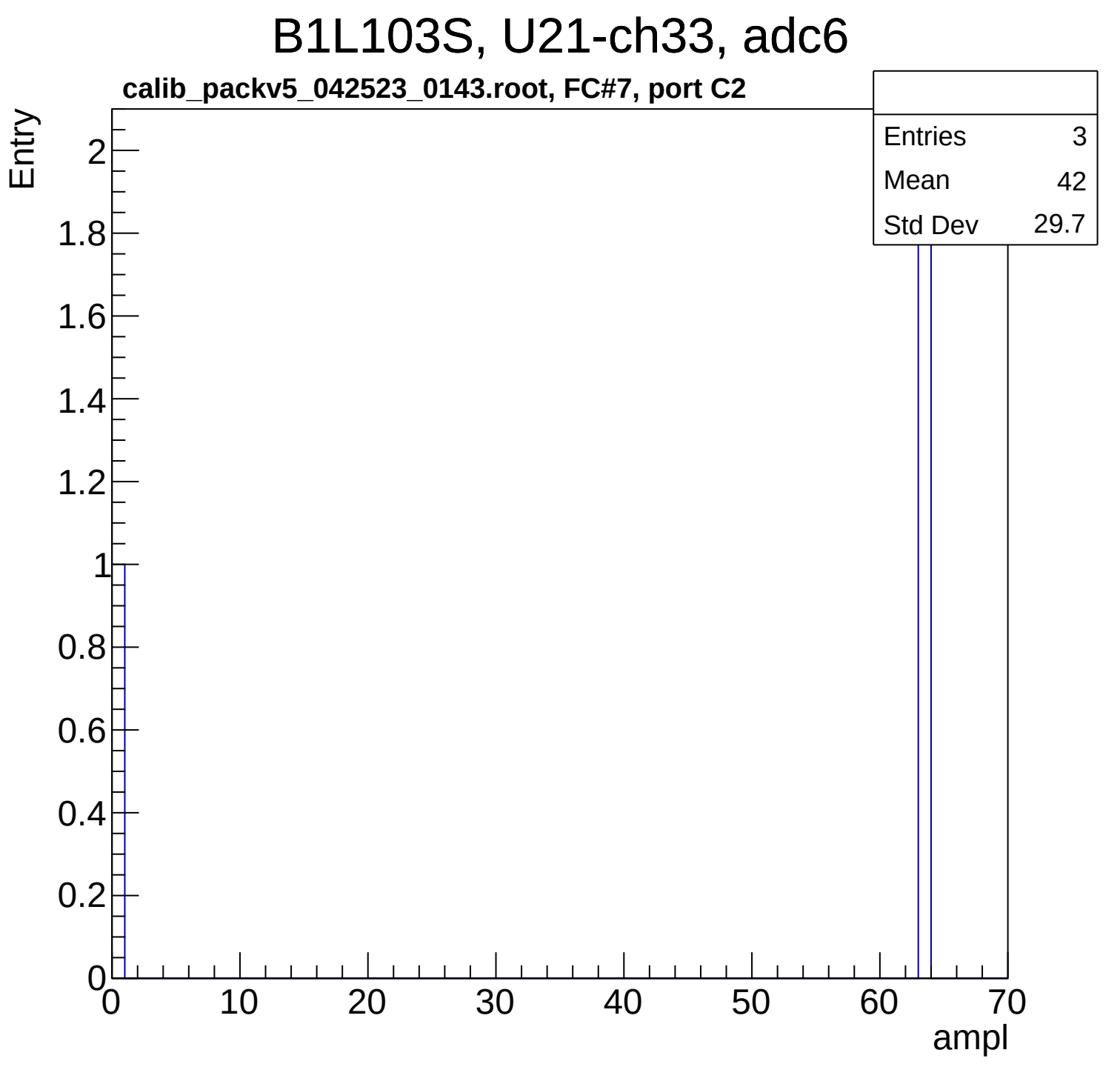
B1L103S, U21-ch33, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 42
Std Dev 29.7
Entry
ampl
0
0.2
0.4
0.6
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1.2
1.4
1.6
1.8
2
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60
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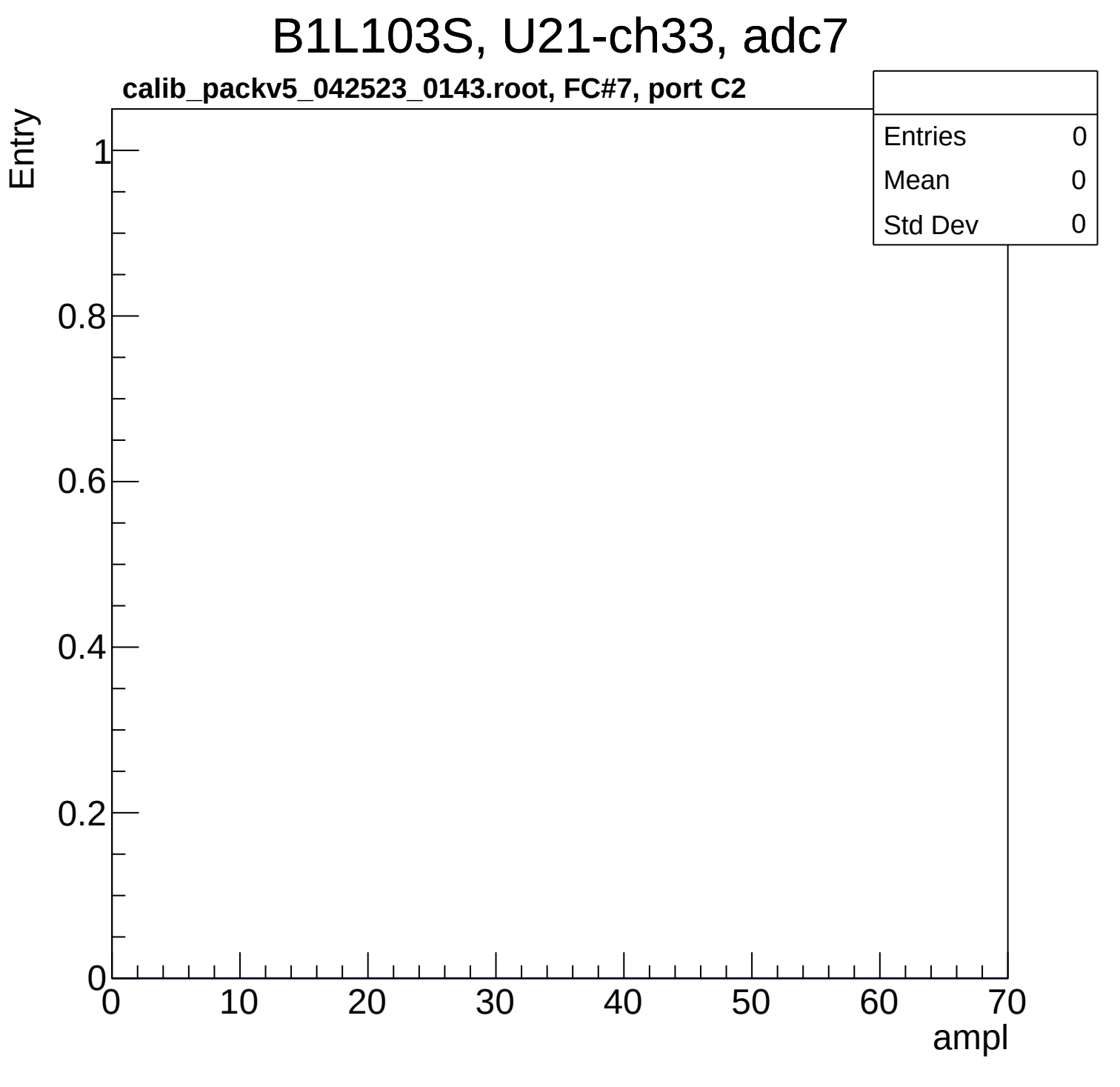
B1L103S, U21-ch33, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
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10
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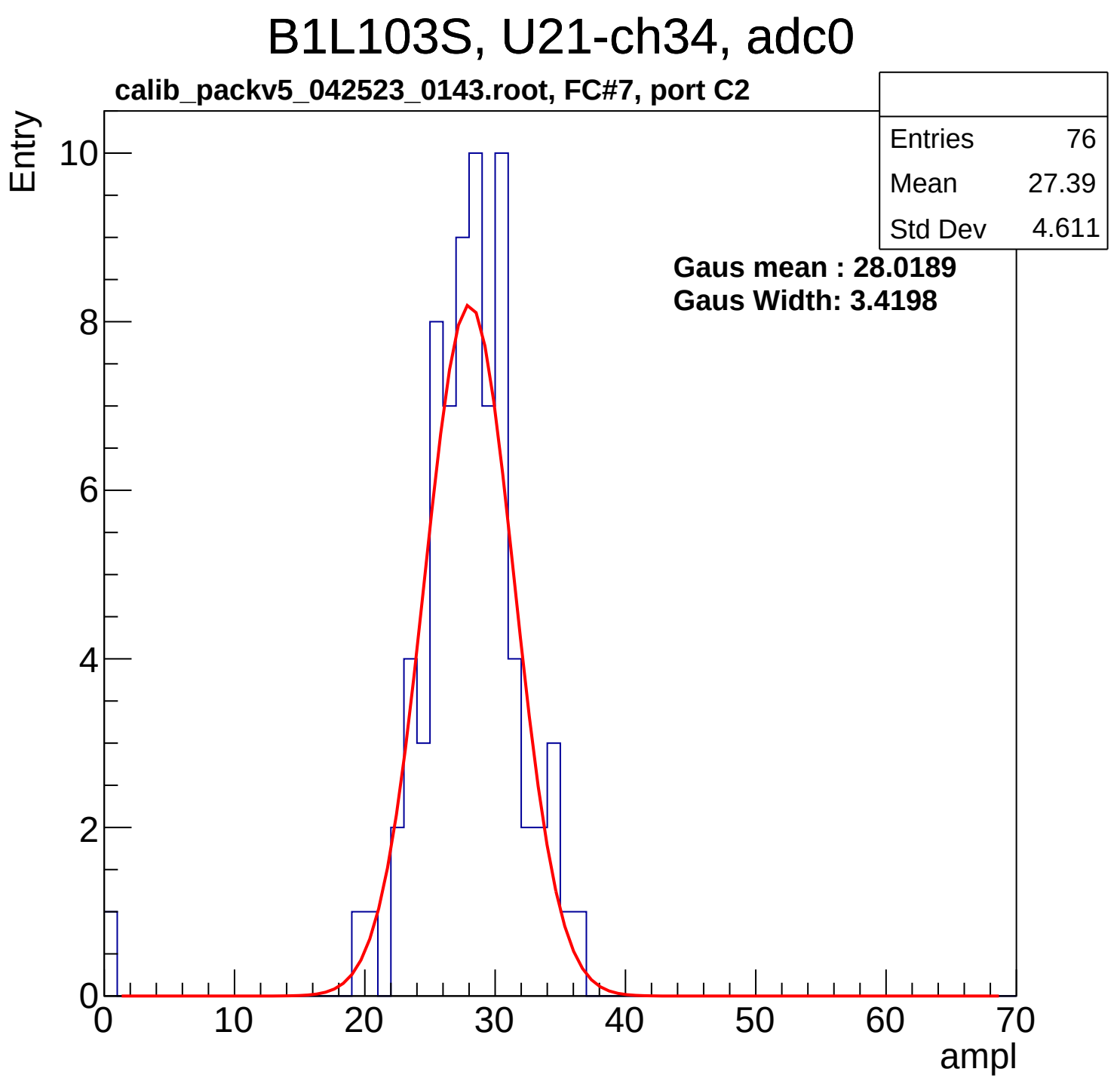
60
70
ampl


B1L103S, U21-ch34, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 27.39
Std Dev 4.611
Gaus mean : 28.0189
Gaus Width: 3.4198
Entry
ampl
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2
4
6
8
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0
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20
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60
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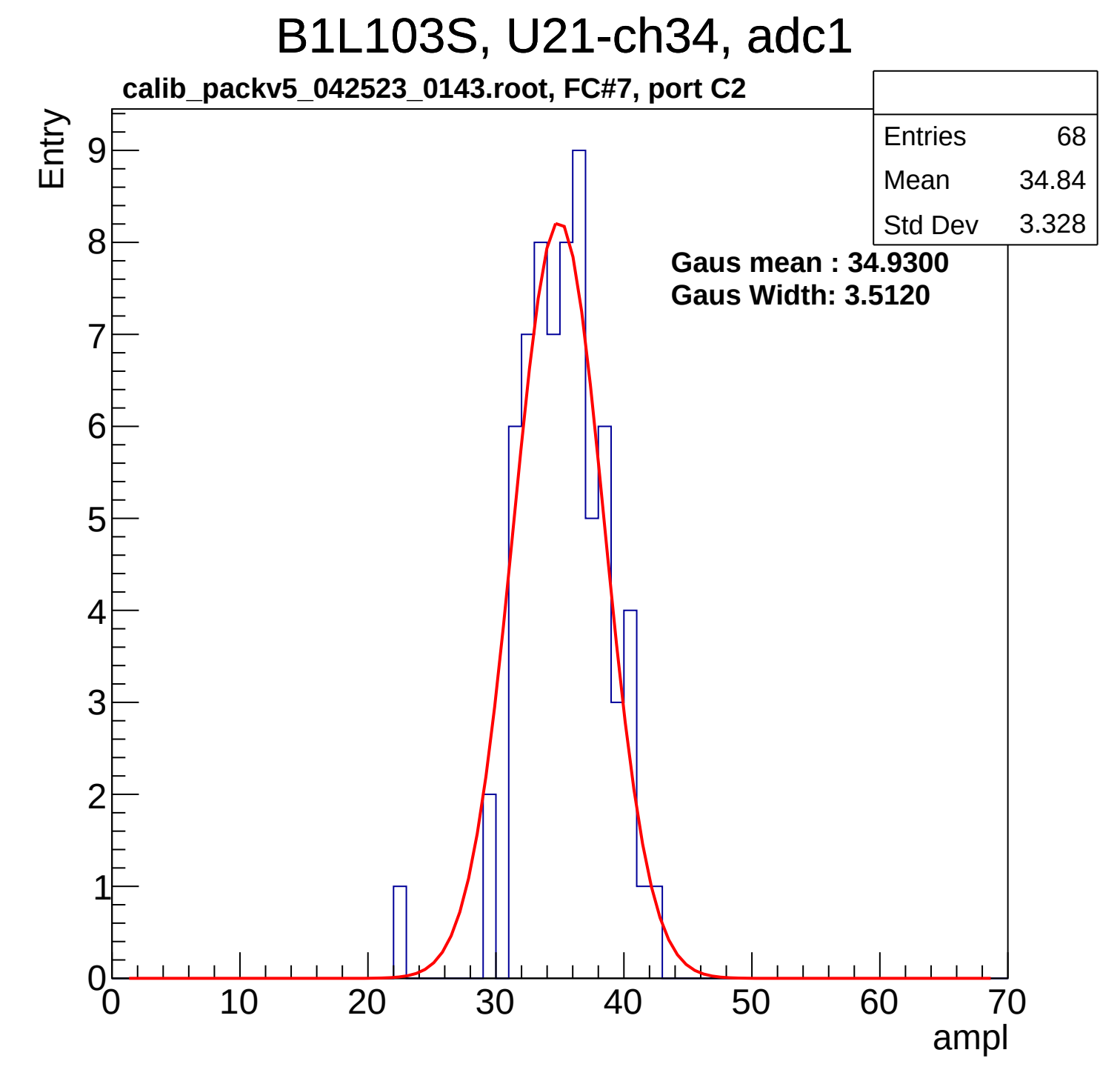
B1L103S, U21-ch34, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 34.84
Std Dev 3.328
Gaus mean : 34.9300
Gaus Width: 3.5120
Entry
ampl
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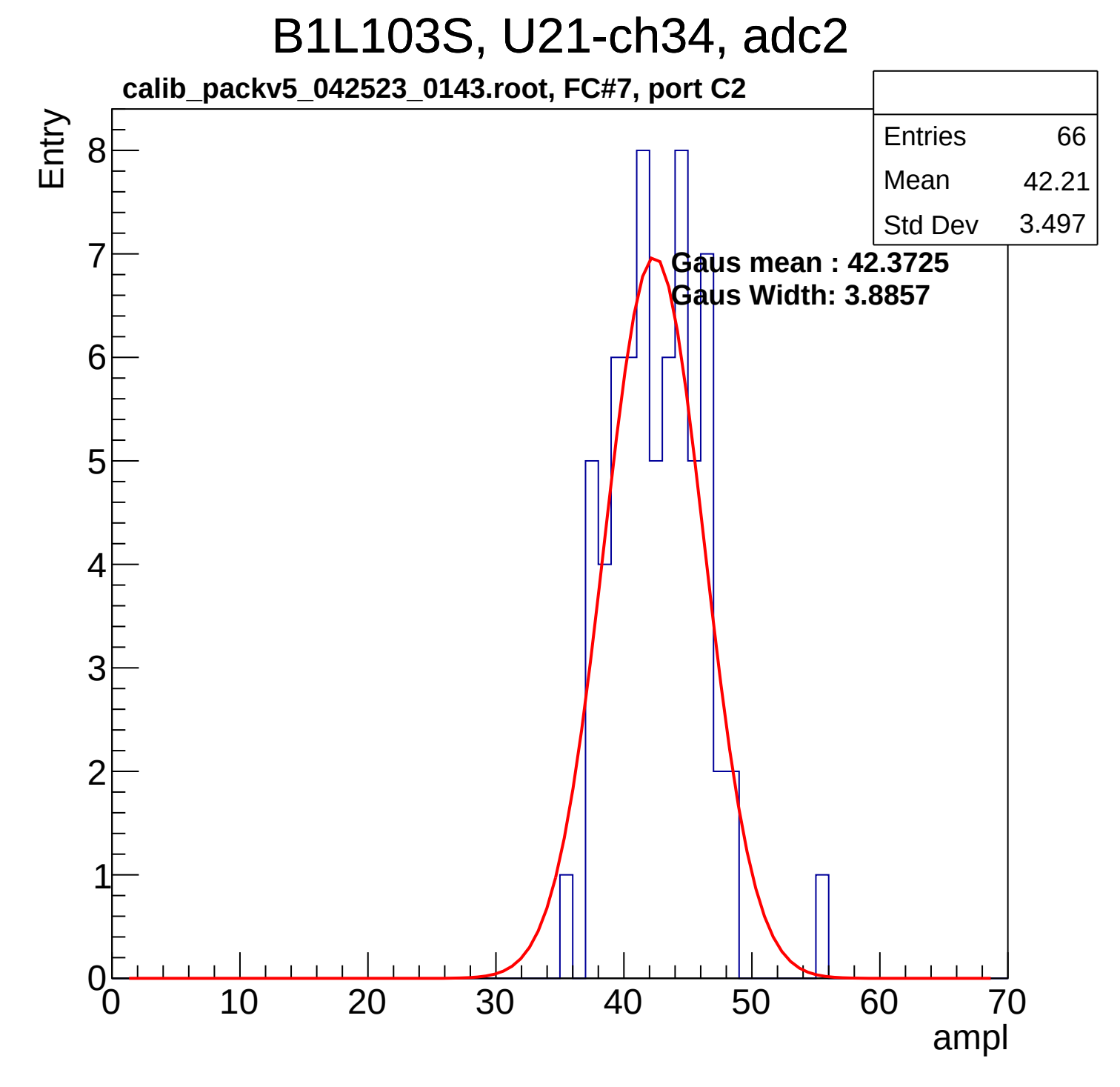
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L103S, U21-ch34, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 42.21
Std Dev 3.497
Gaus mean : 42.3725
Gaus Width: 3.8857
Entry
ampl
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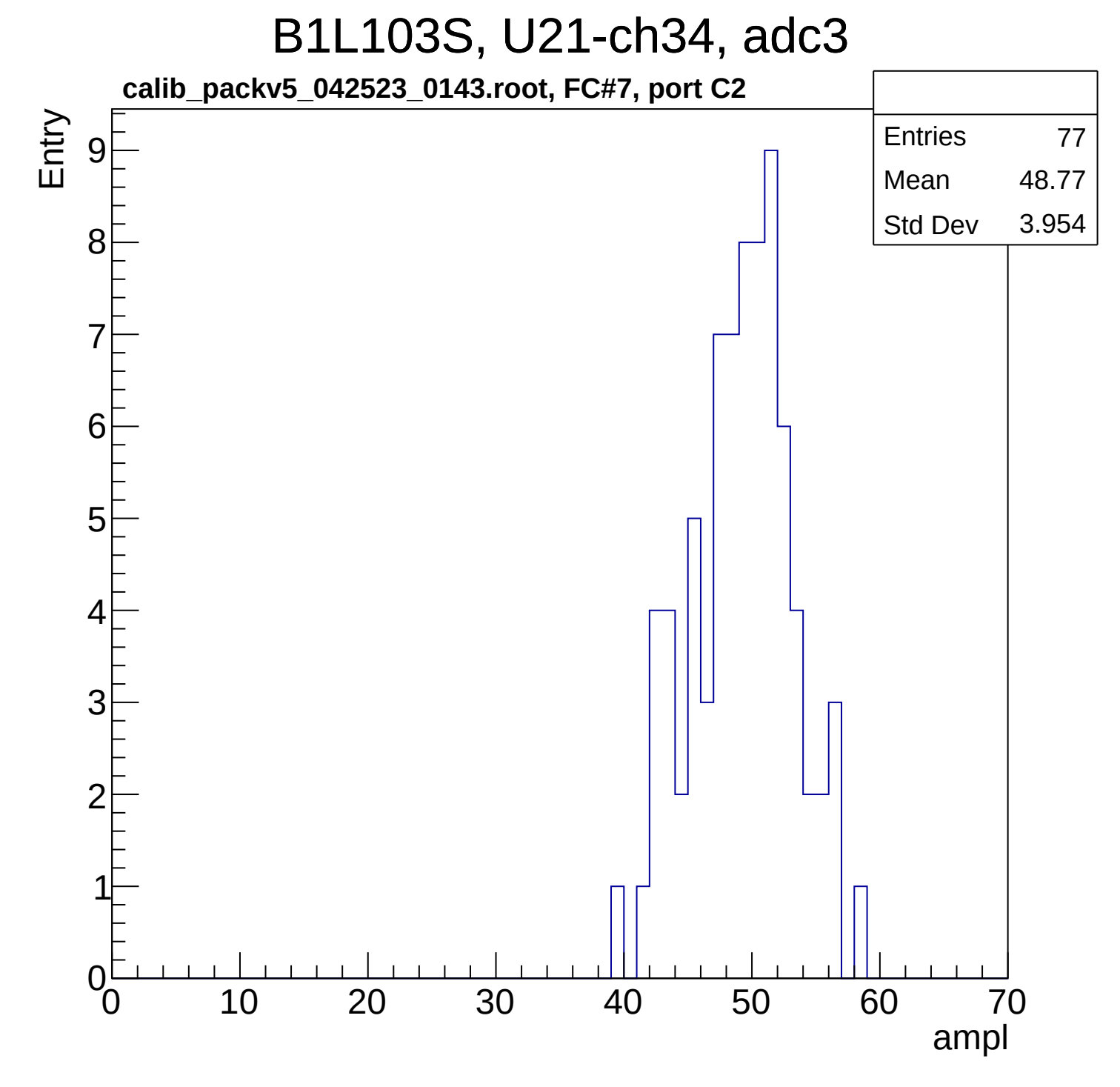
B1L103S, U21-ch34, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 77
Mean 48.77
Std Dev 3.954
Entry
ampl
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7
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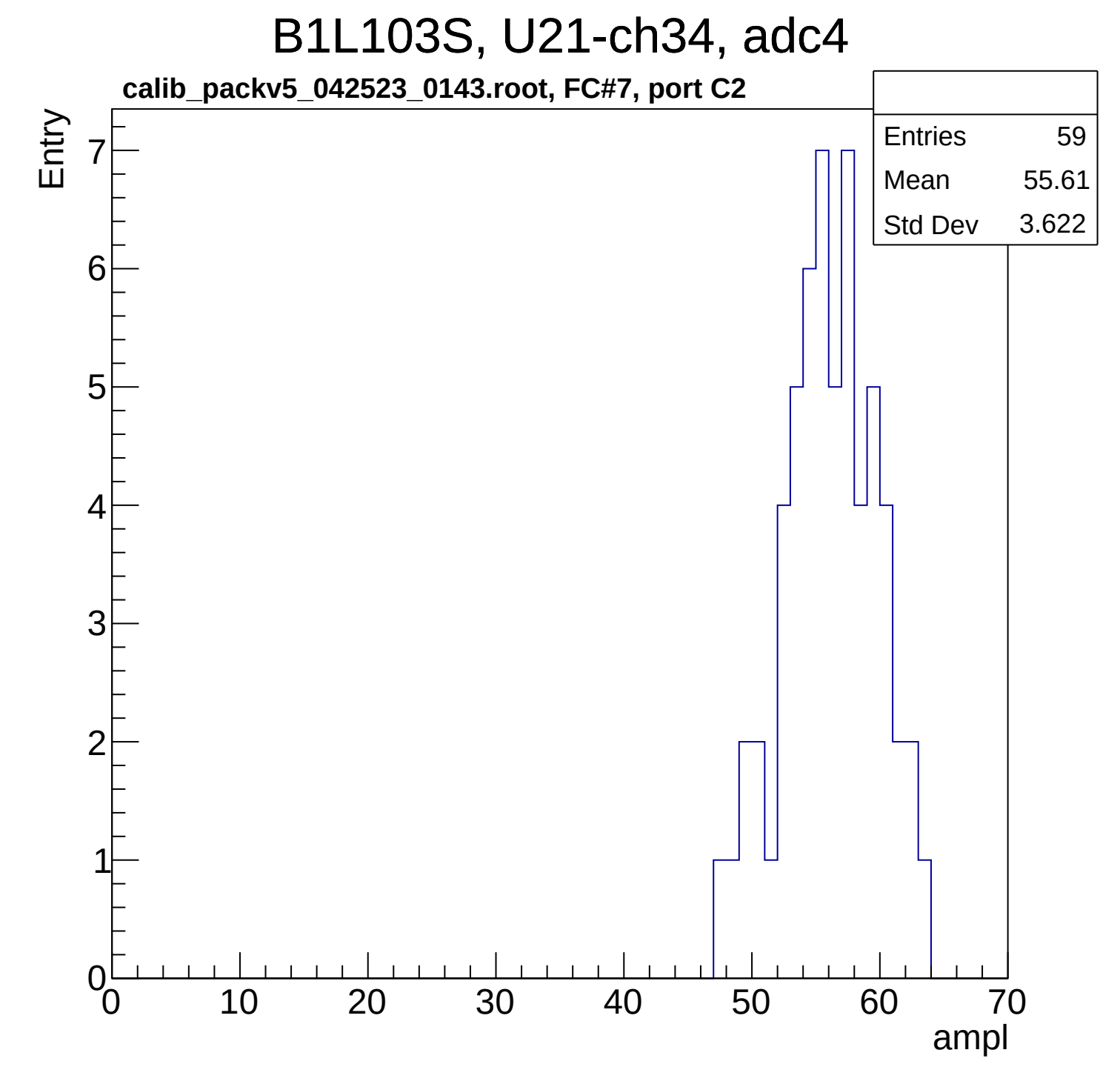
B1L103S, U21-ch34, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 55.61
Std Dev 3.622
Entry
ampl
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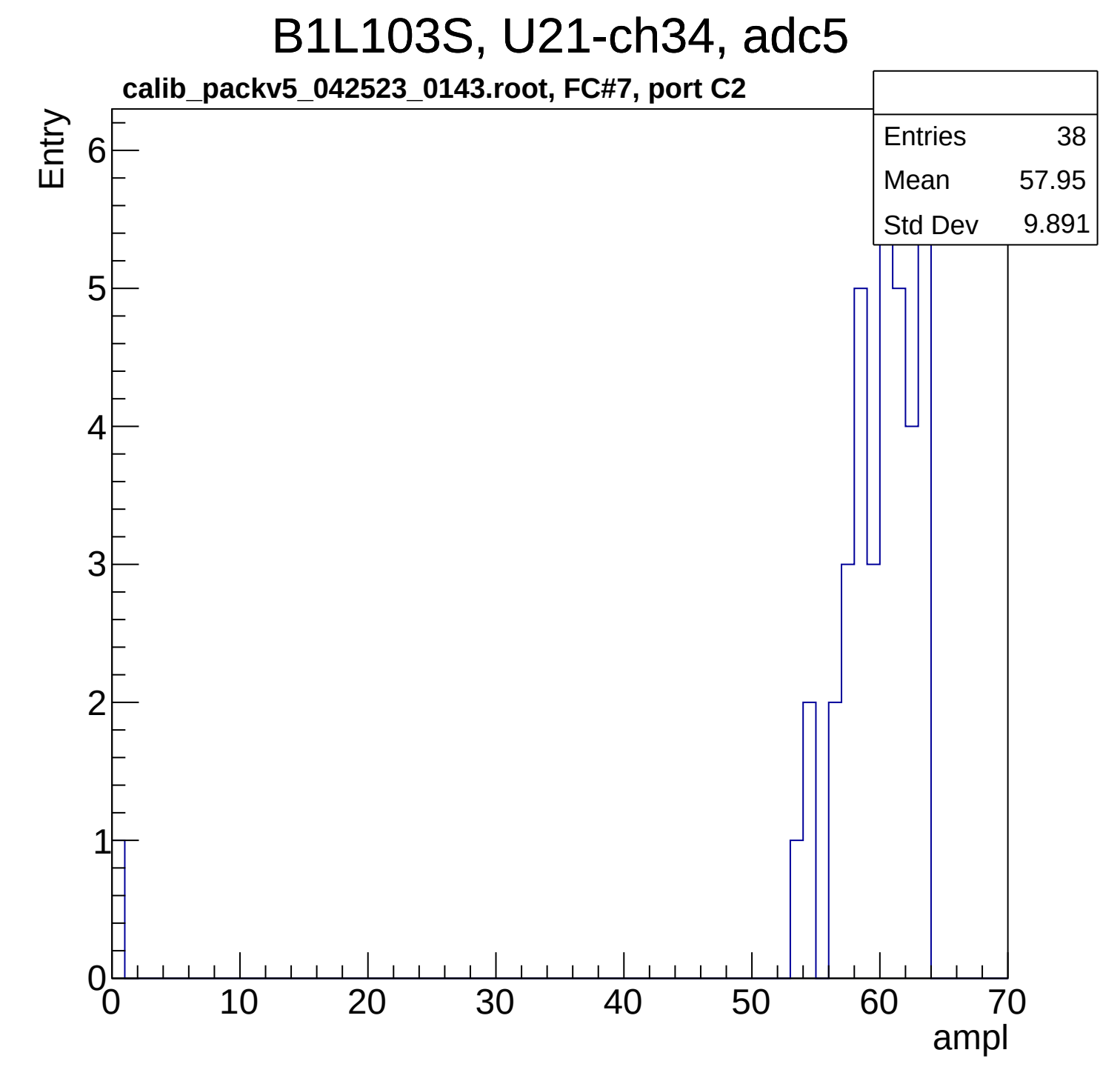
B1L103S, U21-ch34, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 38
Mean 57.95
Std Dev 9.891
Entry
ampl
0
1
2
3
4
5
6
0
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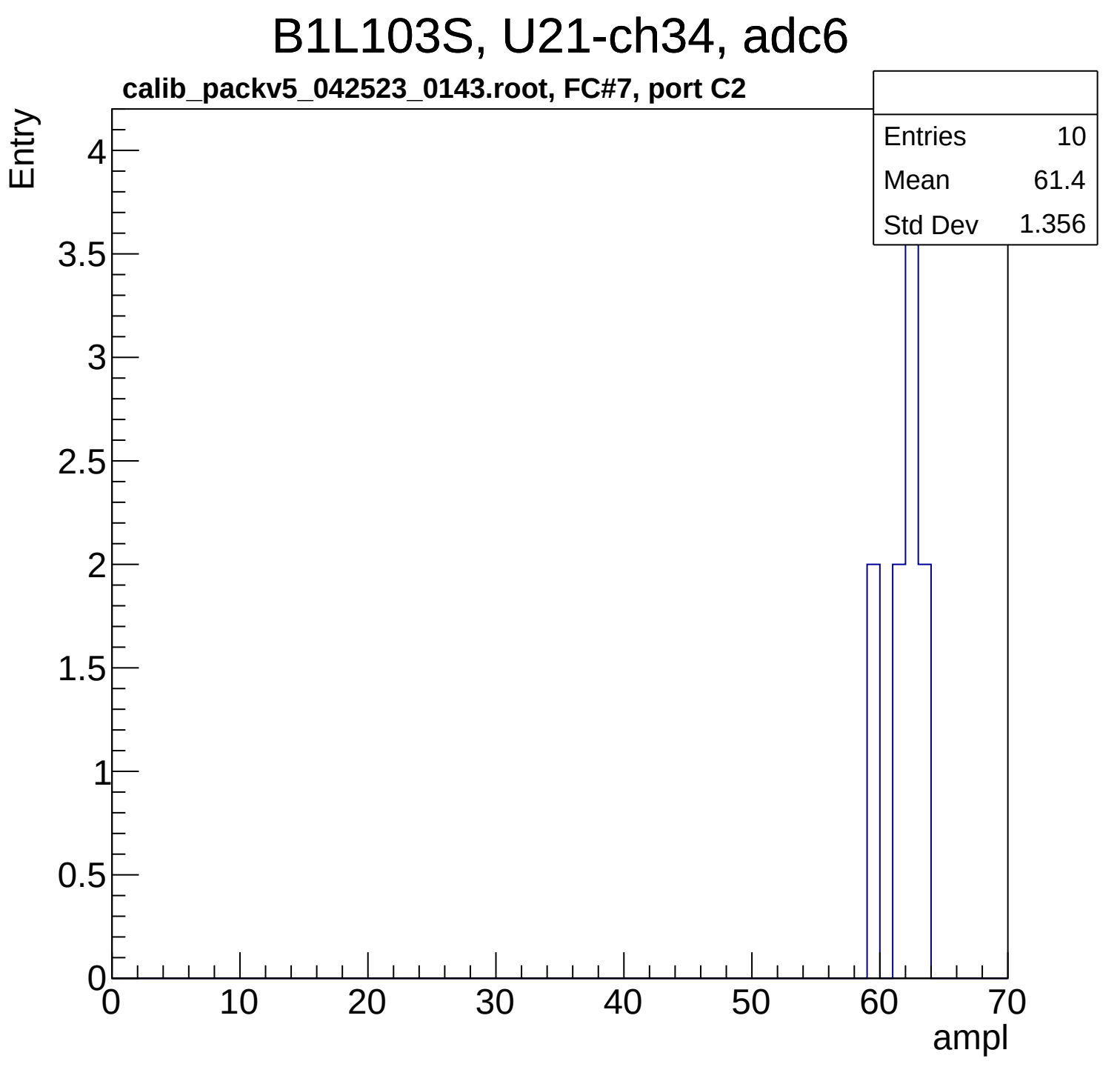
B1L103S, U21-ch34, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 10
Mean 61.4
Std Dev 1.356
Entry
ampl
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0.5
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1.5
2
2.5
3
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0
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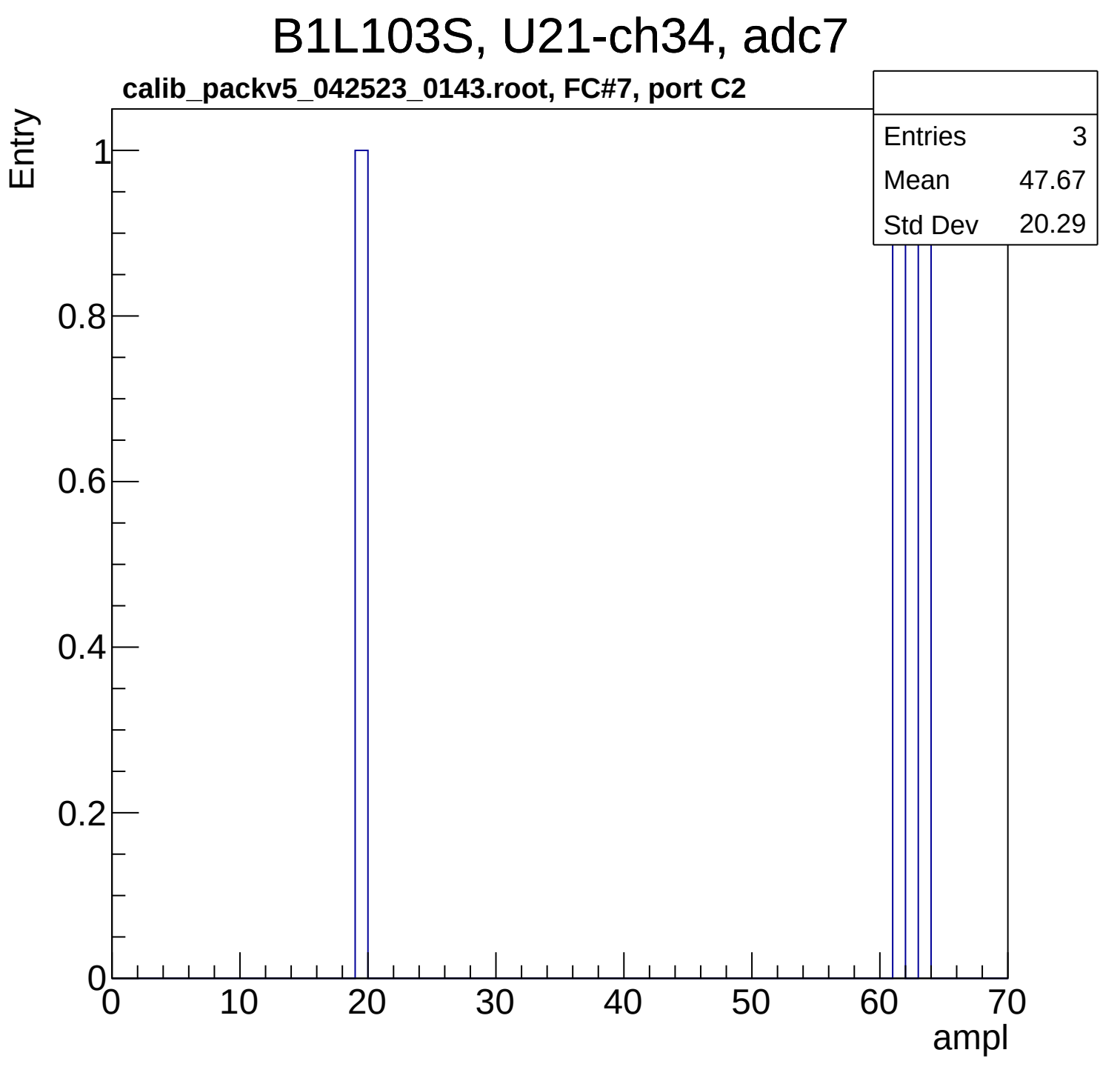
B1L103S, U21-ch34, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 47.67
Std Dev 20.29
Entry
ampl
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0.2
0.4
0.6
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1
0
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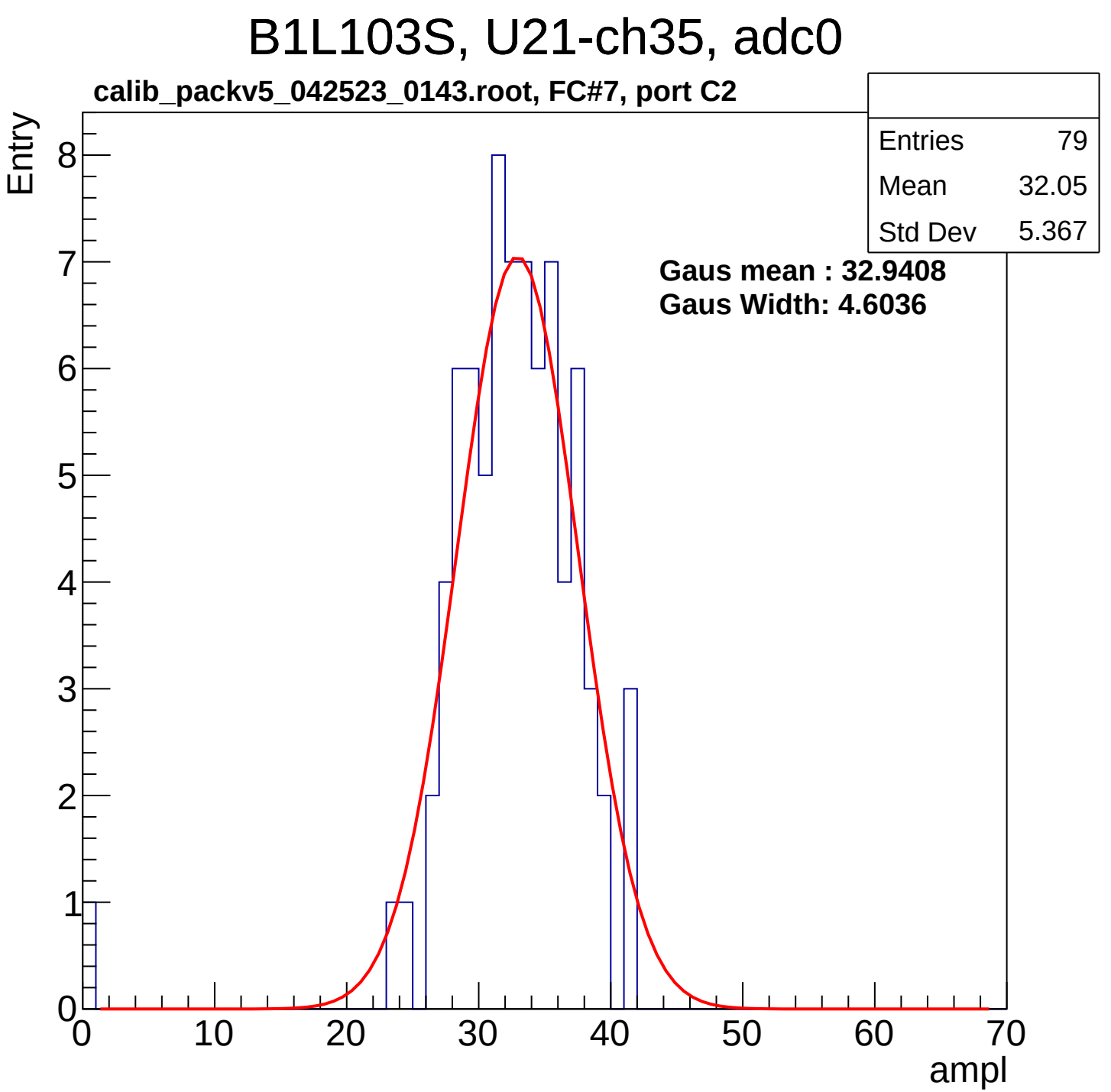
B1L103S, U21-ch35, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 79
Mean 32.05
Std Dev 5.367
Gaus mean : 32.9408
Gaus Width: 4.6036
Entry
ampl
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1
2
3
4
5
6
7
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0
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40
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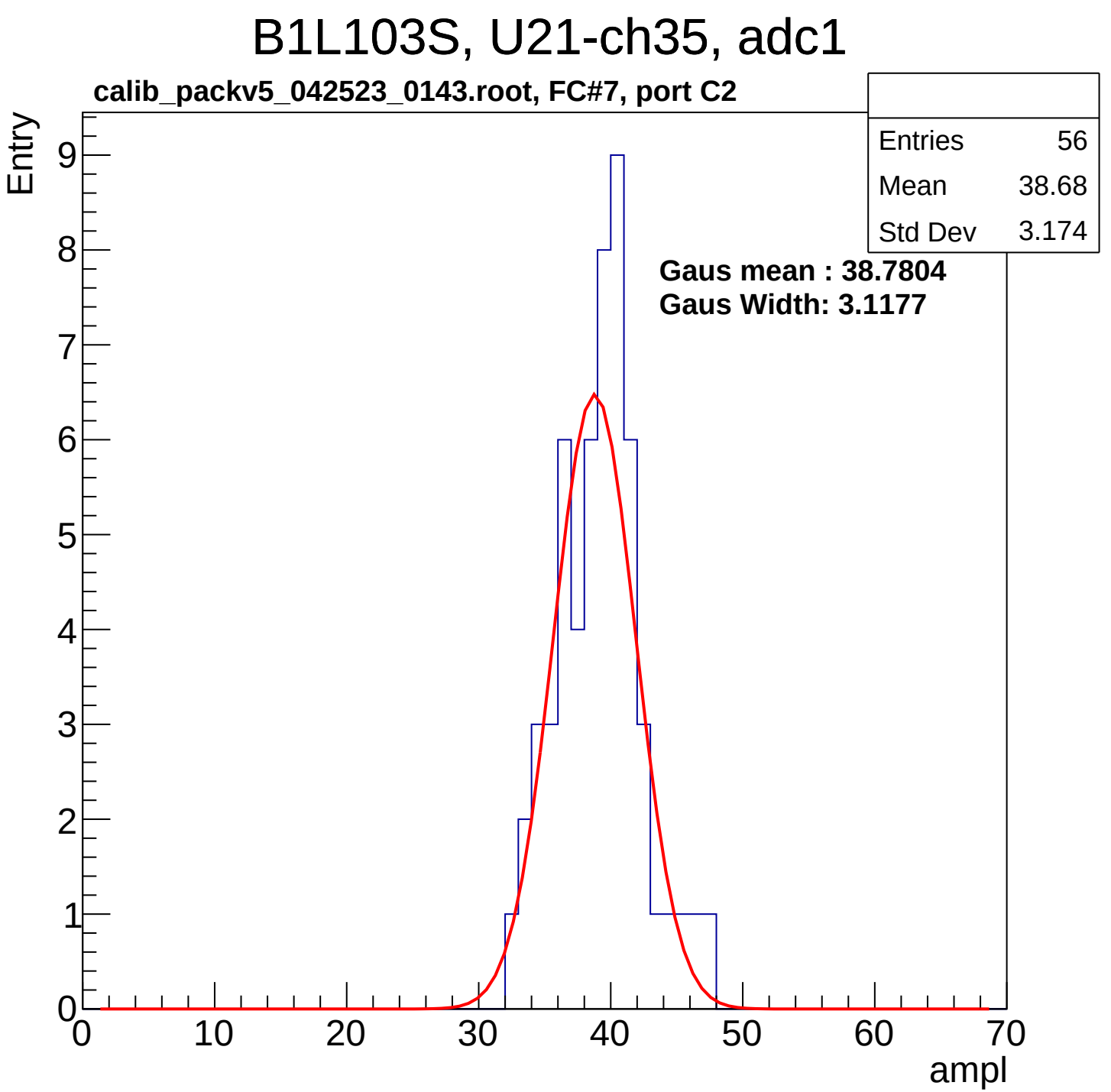
B1L103S, U21-ch35, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 38.68
Std Dev 3.174
Gaus mean : 38.7804
Gaus Width: 3.1177
Entry
ampl
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2
3
4
5
6
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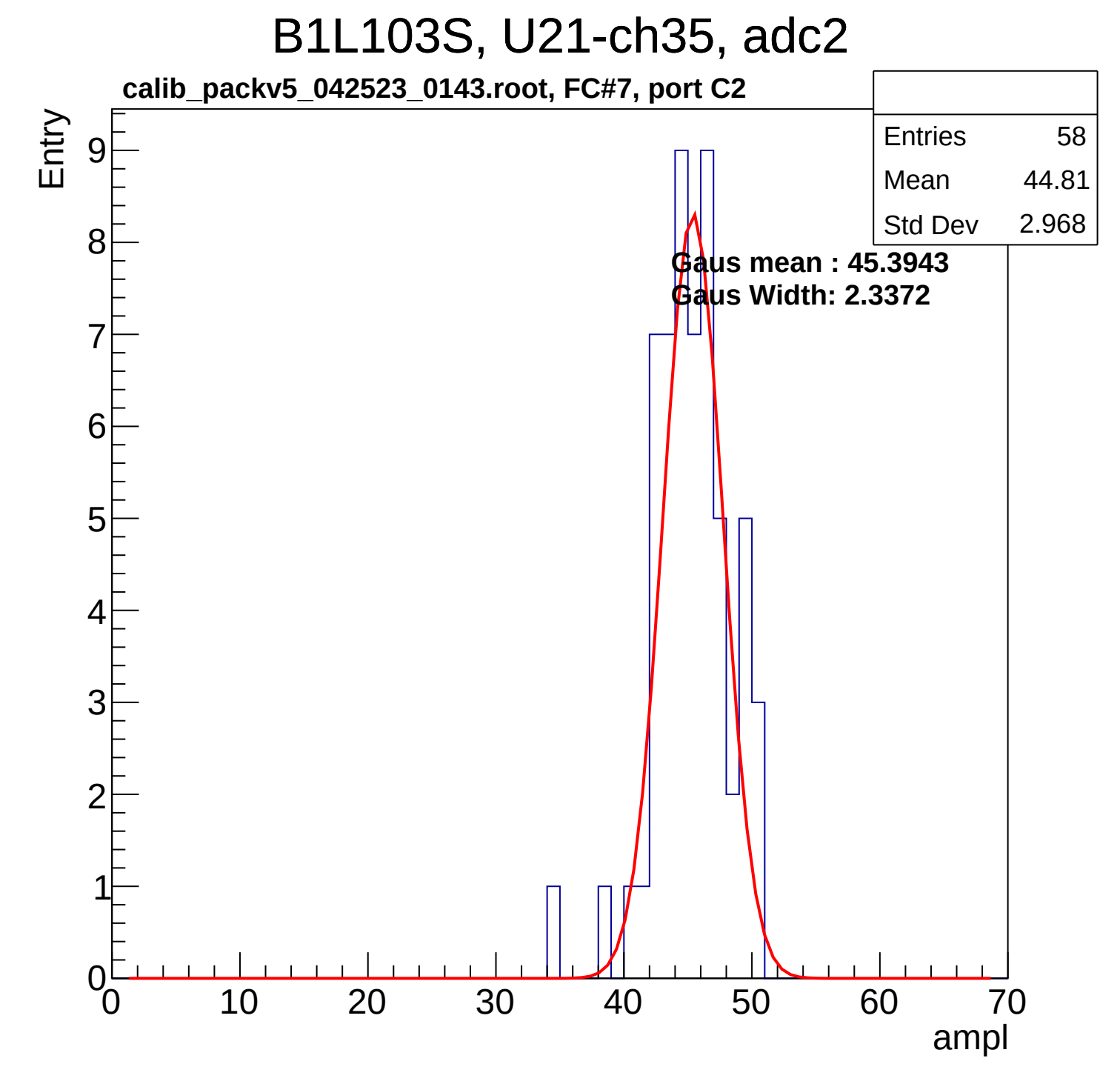
B1L103S, U21-ch35, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 44.81
Std Dev 2.968
Gaus mean : 45.3943
Gaus Width: 2.3372
Entry
ampl
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2
3
4
5
6
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8
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0
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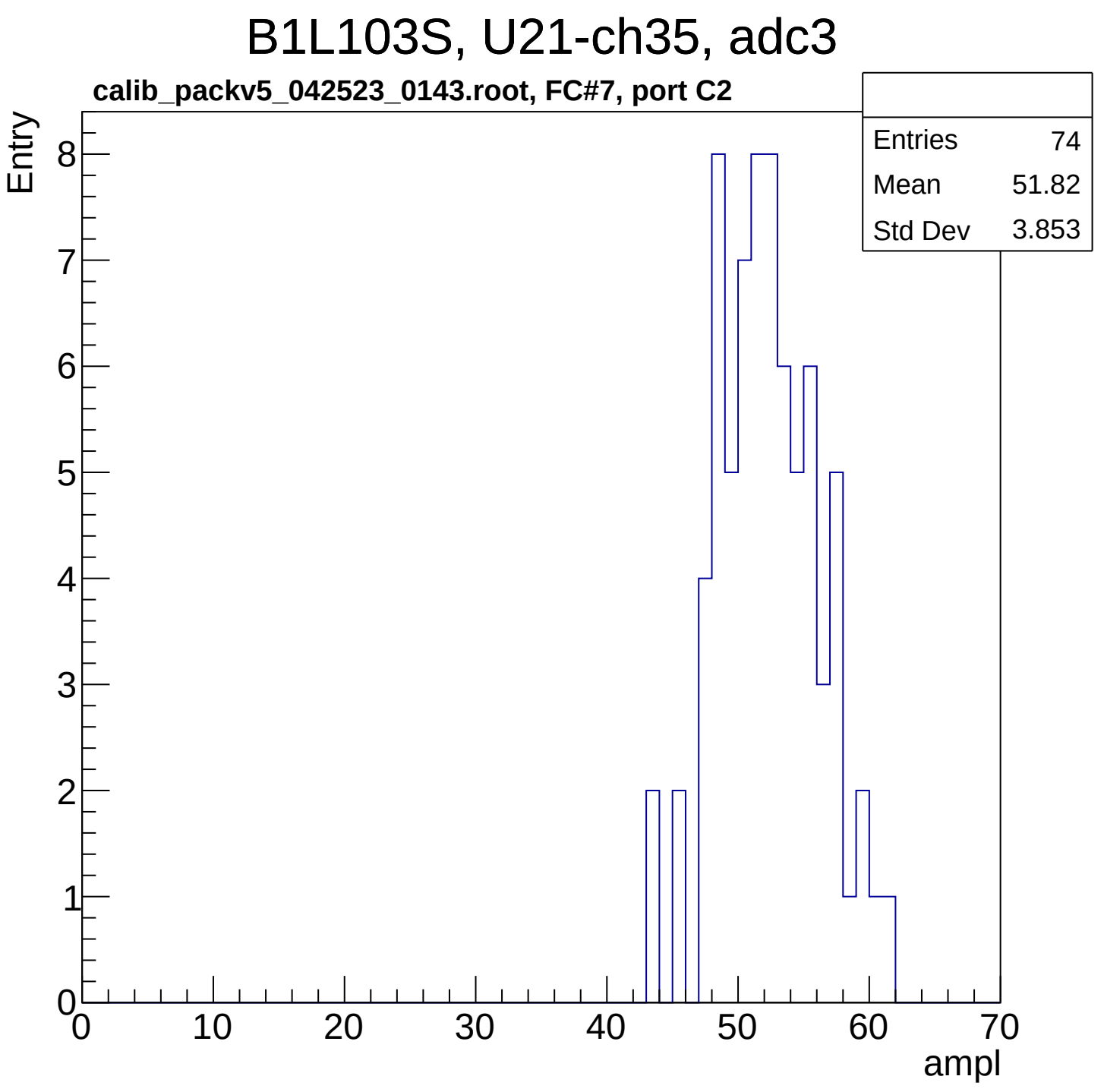
B1L103S, U21-ch35, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 51.82
Std Dev 3.853
Entry
ampl
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2
3
4
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0
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60
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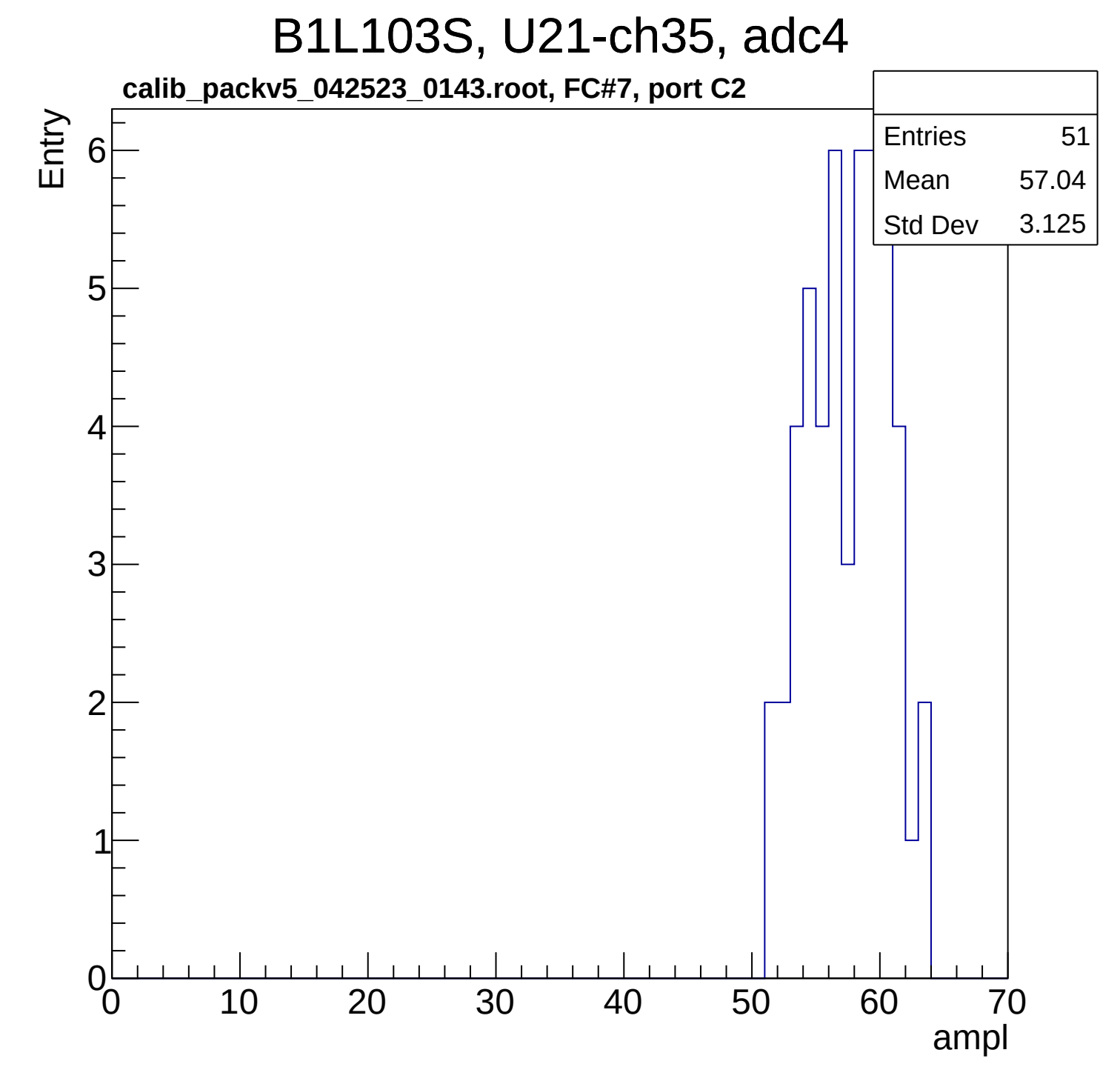
B1L103S, U21-ch35, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 57.04
Std Dev 3.125
Entry
ampl
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1
2
3
4
5
6
0
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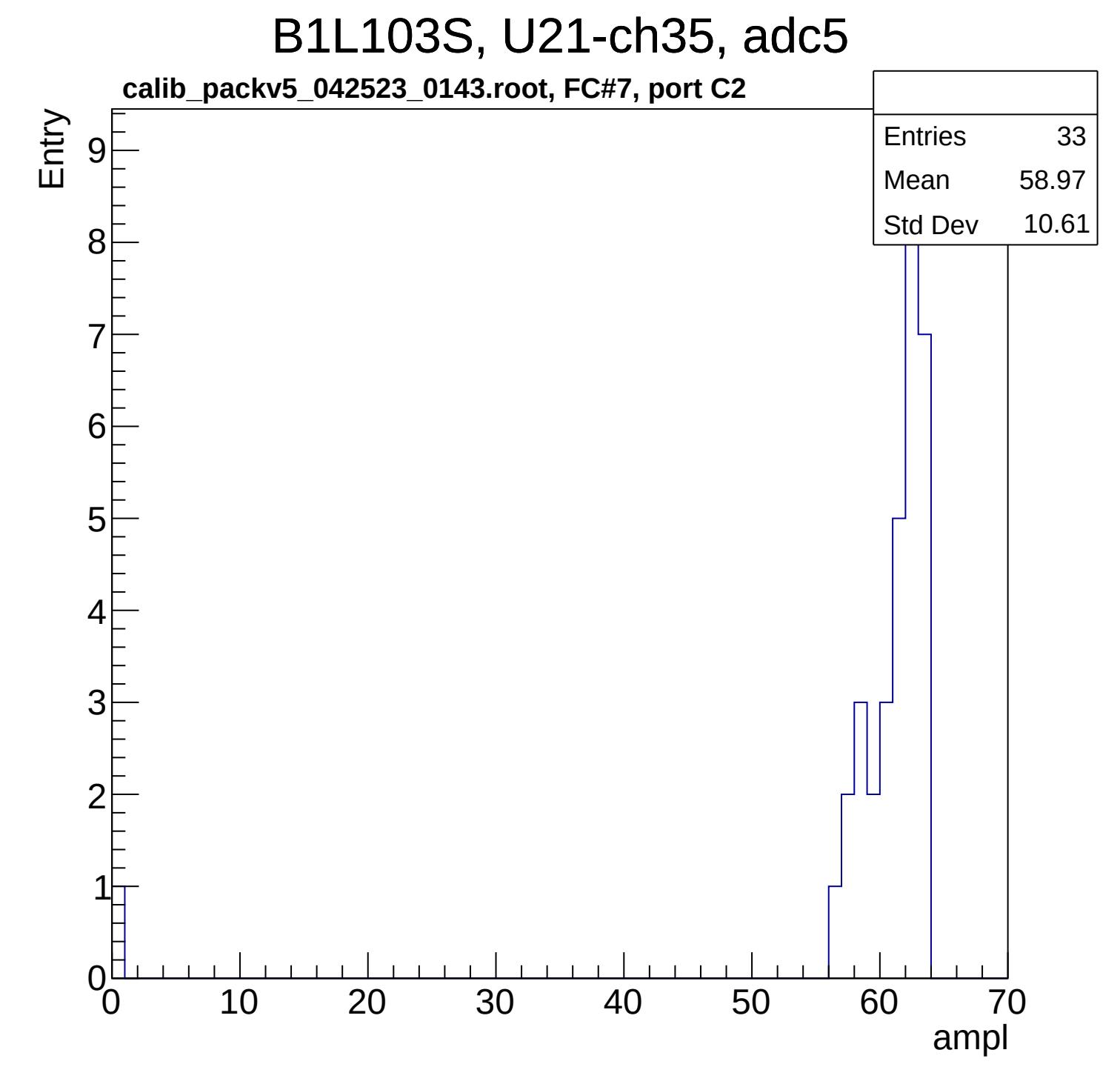
B1L103S, U21-ch35, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 33
Mean 58.97
Std Dev 10.61
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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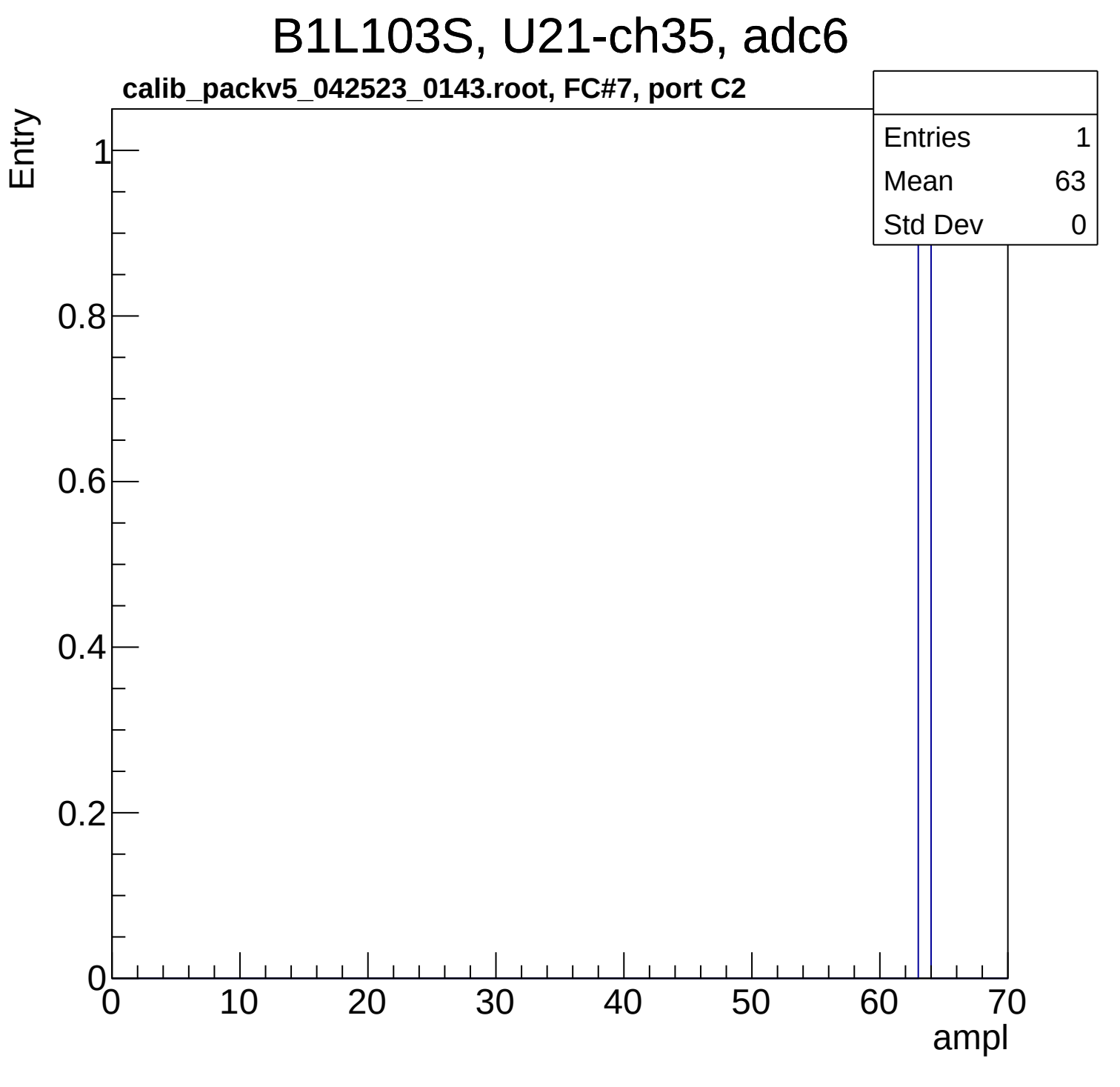
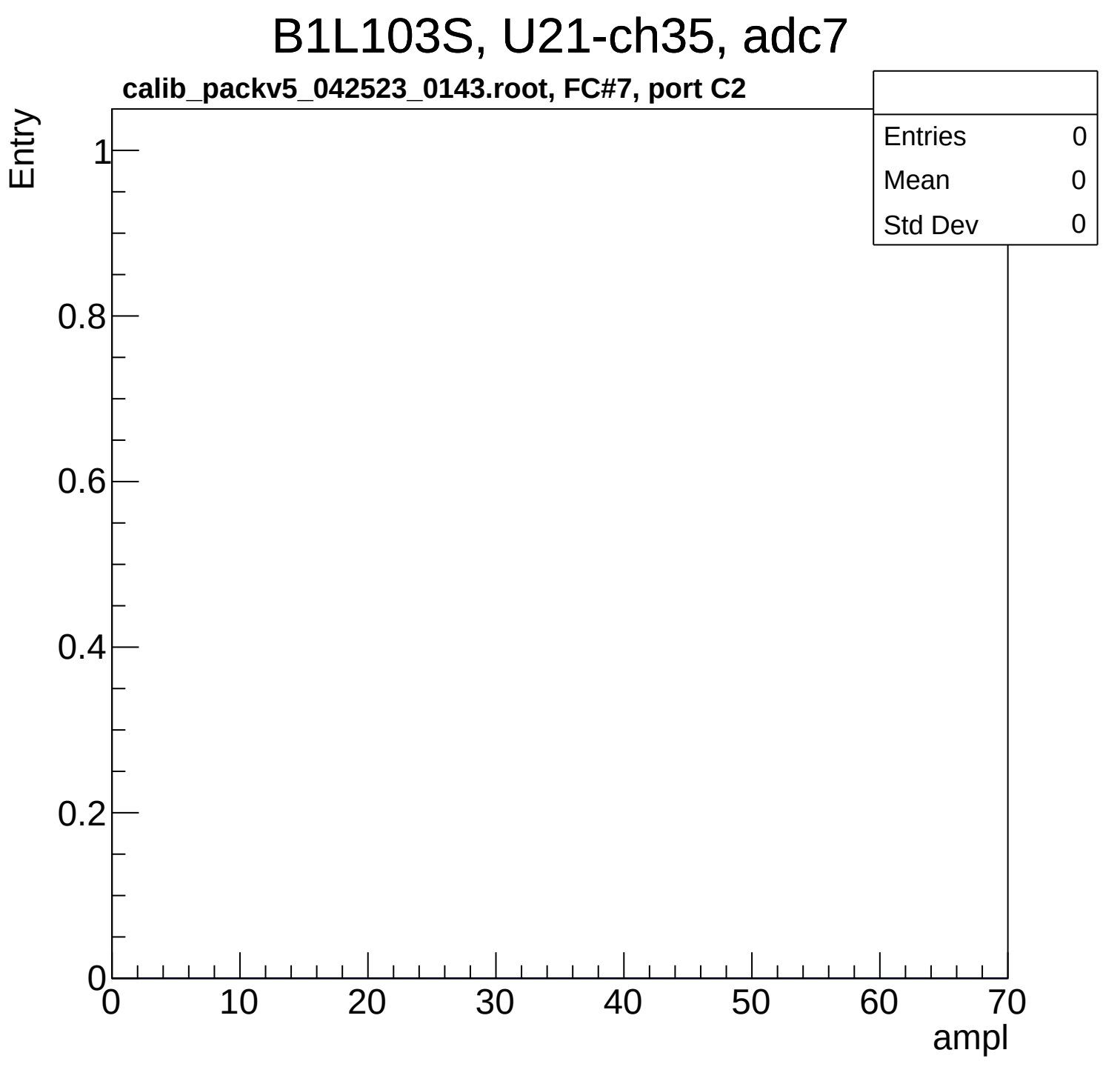
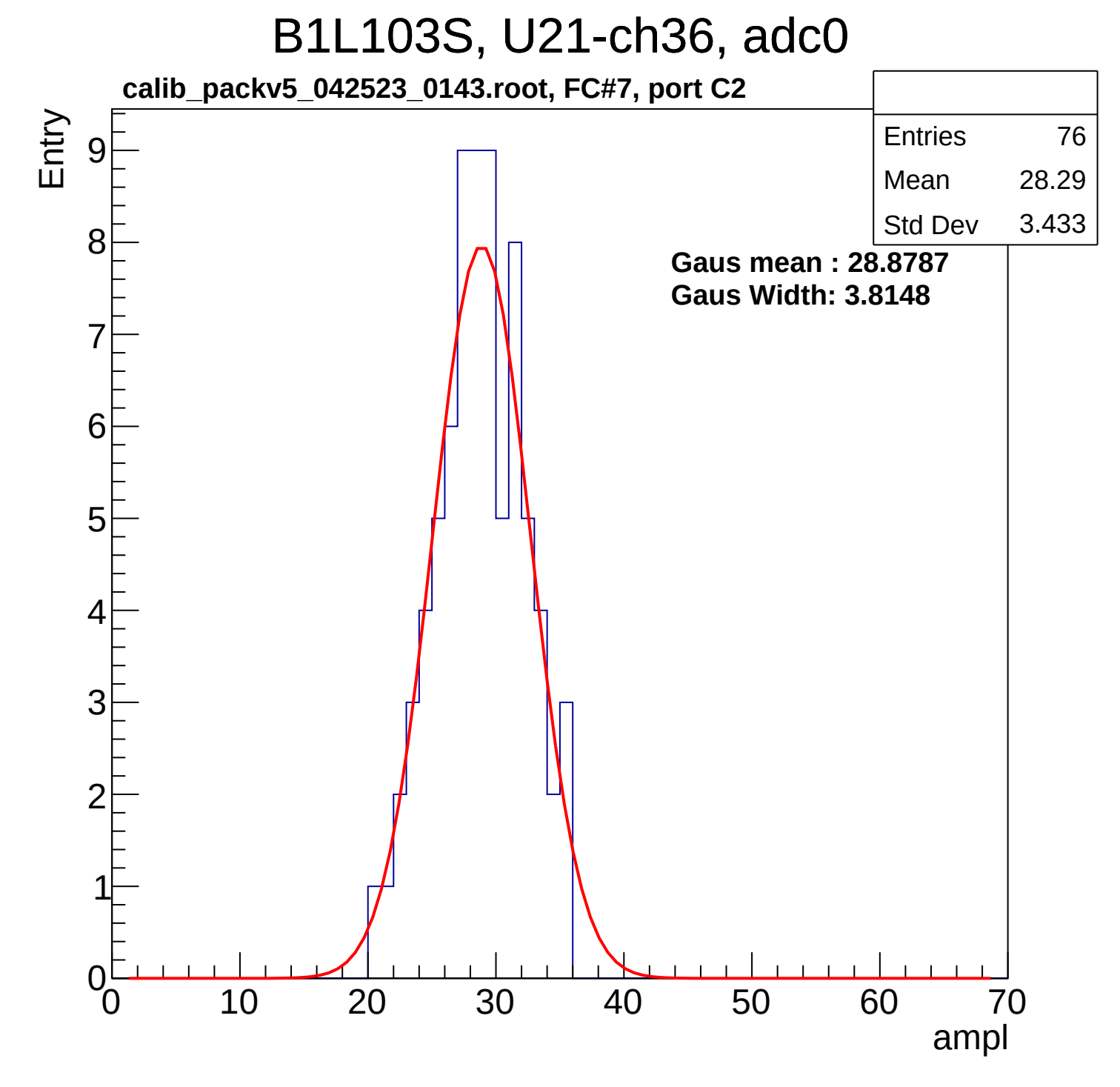

B1L103S, U21-ch35, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch35, 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, U21-ch36, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 28.29
Std Dev 3.433
Gaus mean : 28.8787
Gaus Width: 3.8148
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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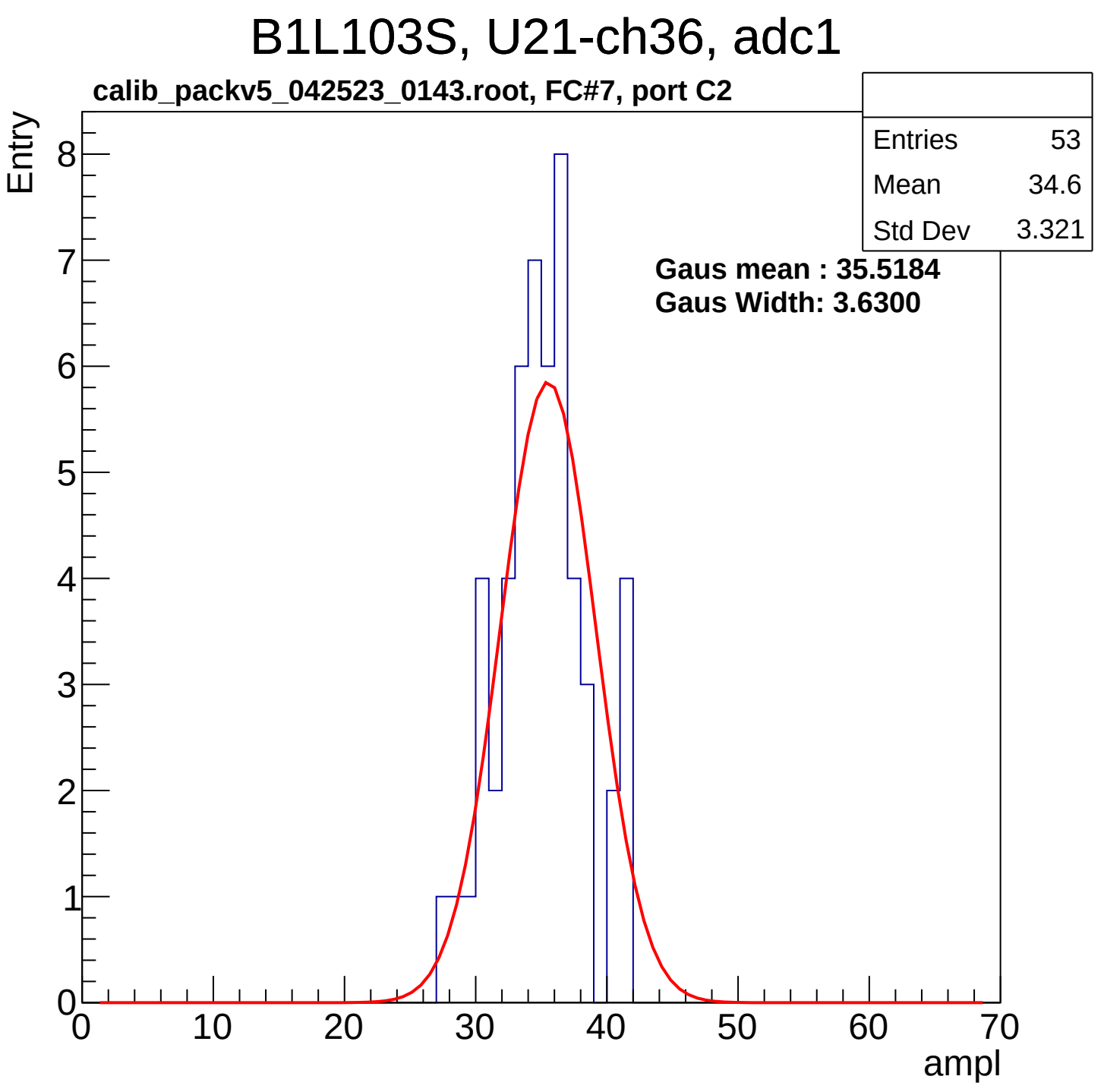
B1L103S, U21-ch36, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 53
Mean 34.6
Std Dev 3.321
Gaus mean : 35.5184
Gaus Width: 3.6300
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
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30
40
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60
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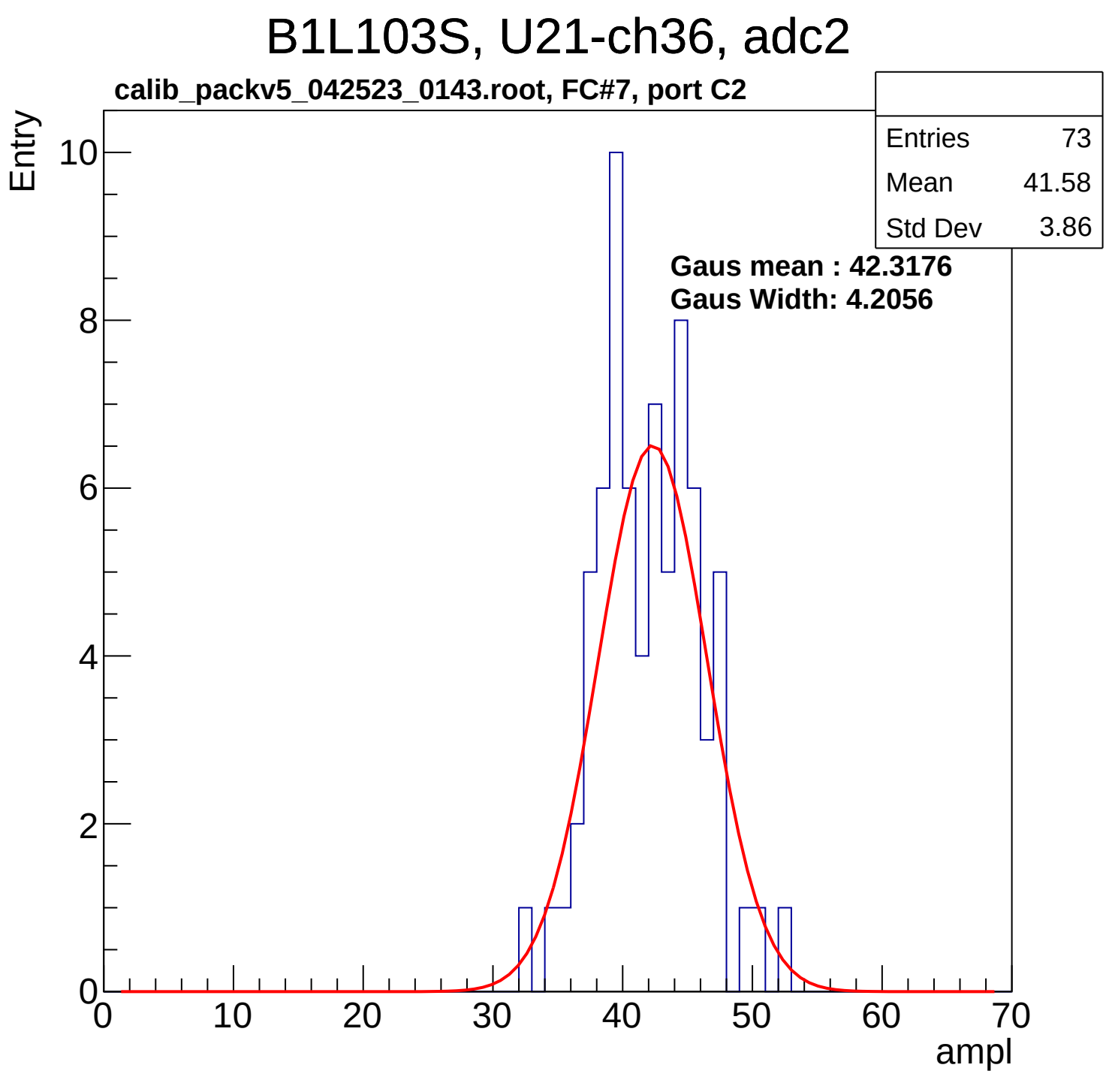
B1L103S, U21-ch36, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 41.58
Std Dev 3.86
Gaus mean : 42.3176
Gaus Width: 4.2056
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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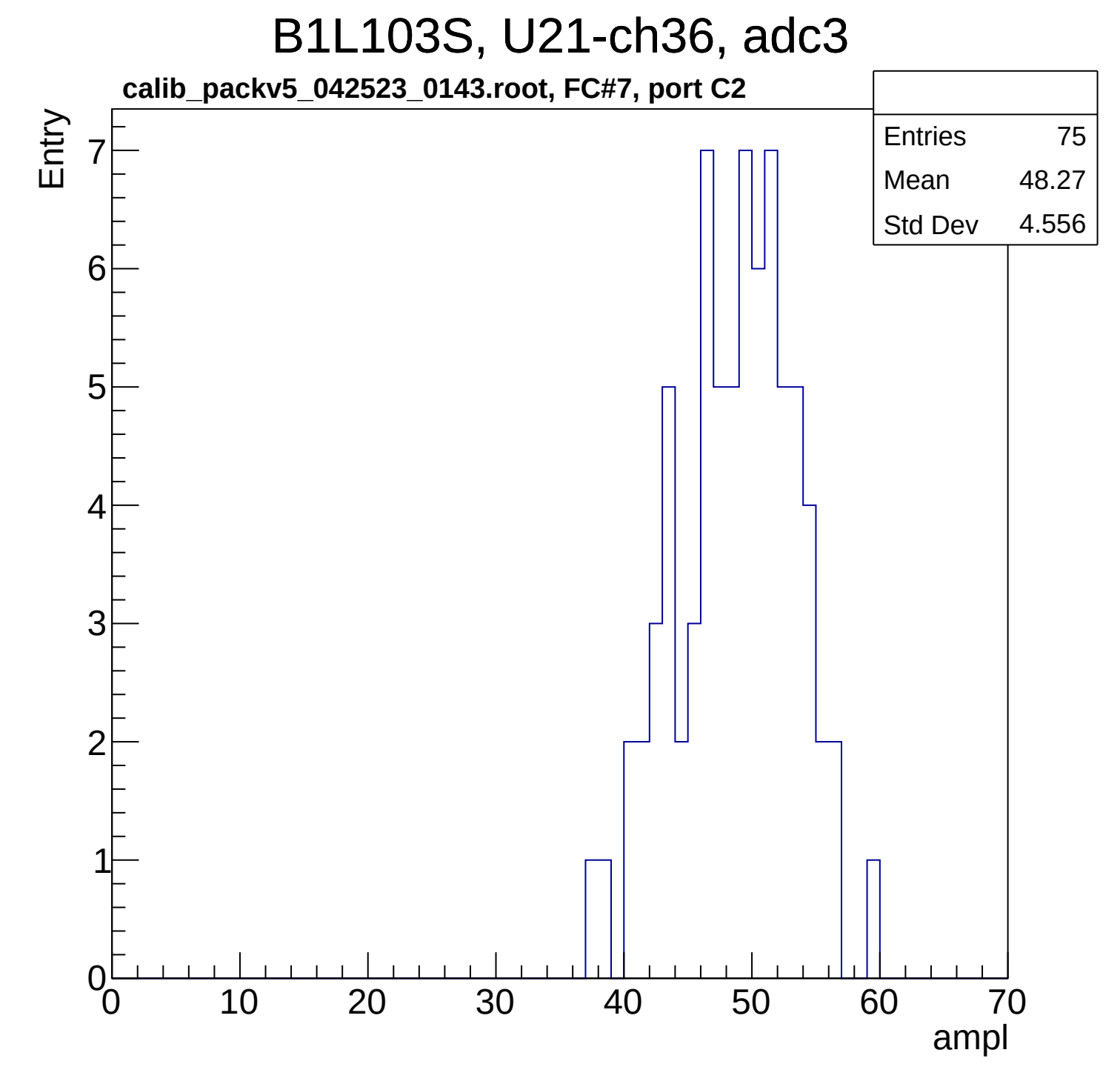
B1L103S, U21-ch36, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 75
Mean 48.27
Std Dev 4.556
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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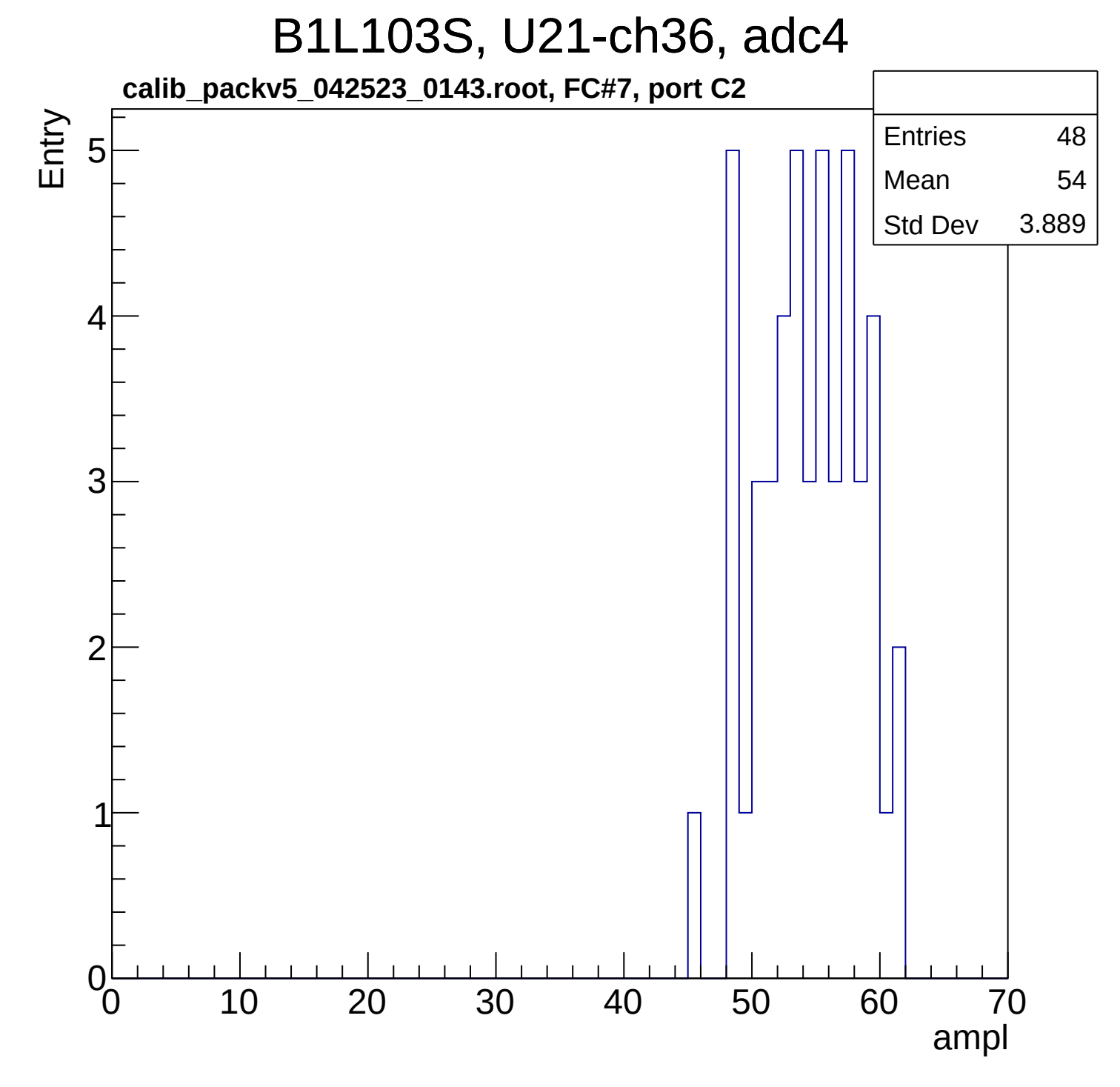
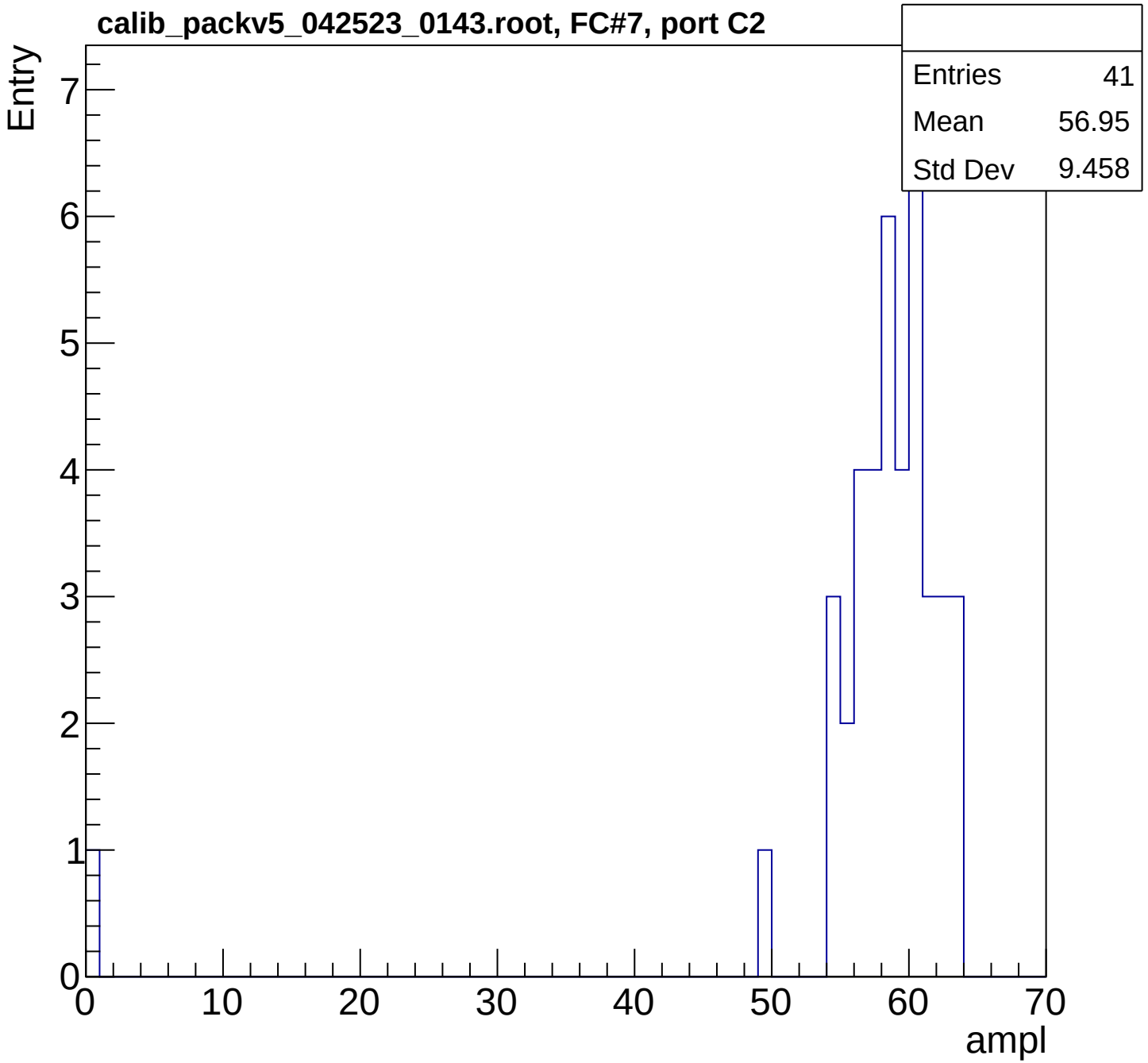

B1L103S, U21-ch36, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 48
Mean 54
Std Dev 3.889
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L103S, U21-ch36, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 41
Mean 56.95
Std Dev 9.458
Entry
ampl
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1
2
3
4
5
6
7
0
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20
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40
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60
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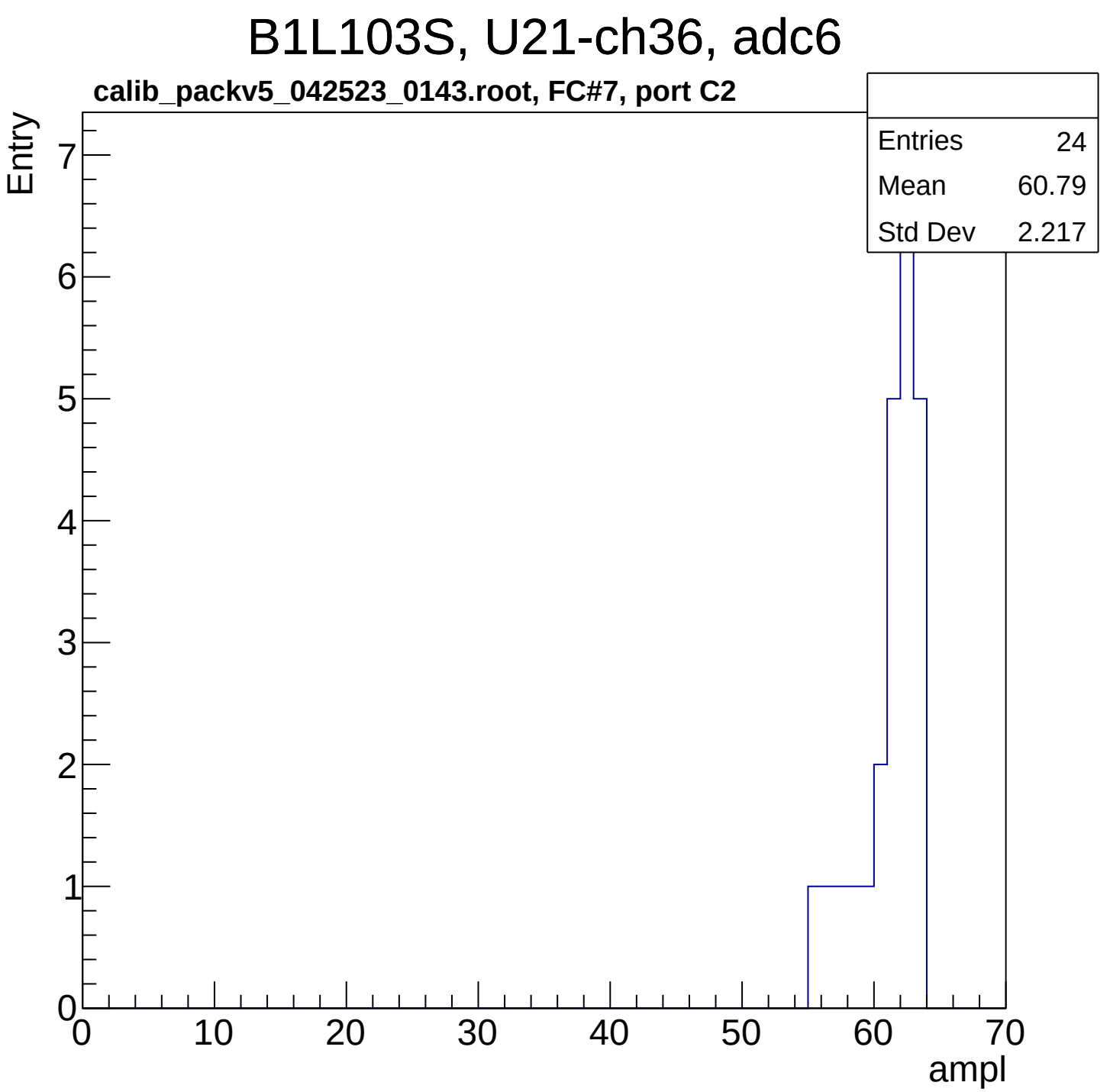
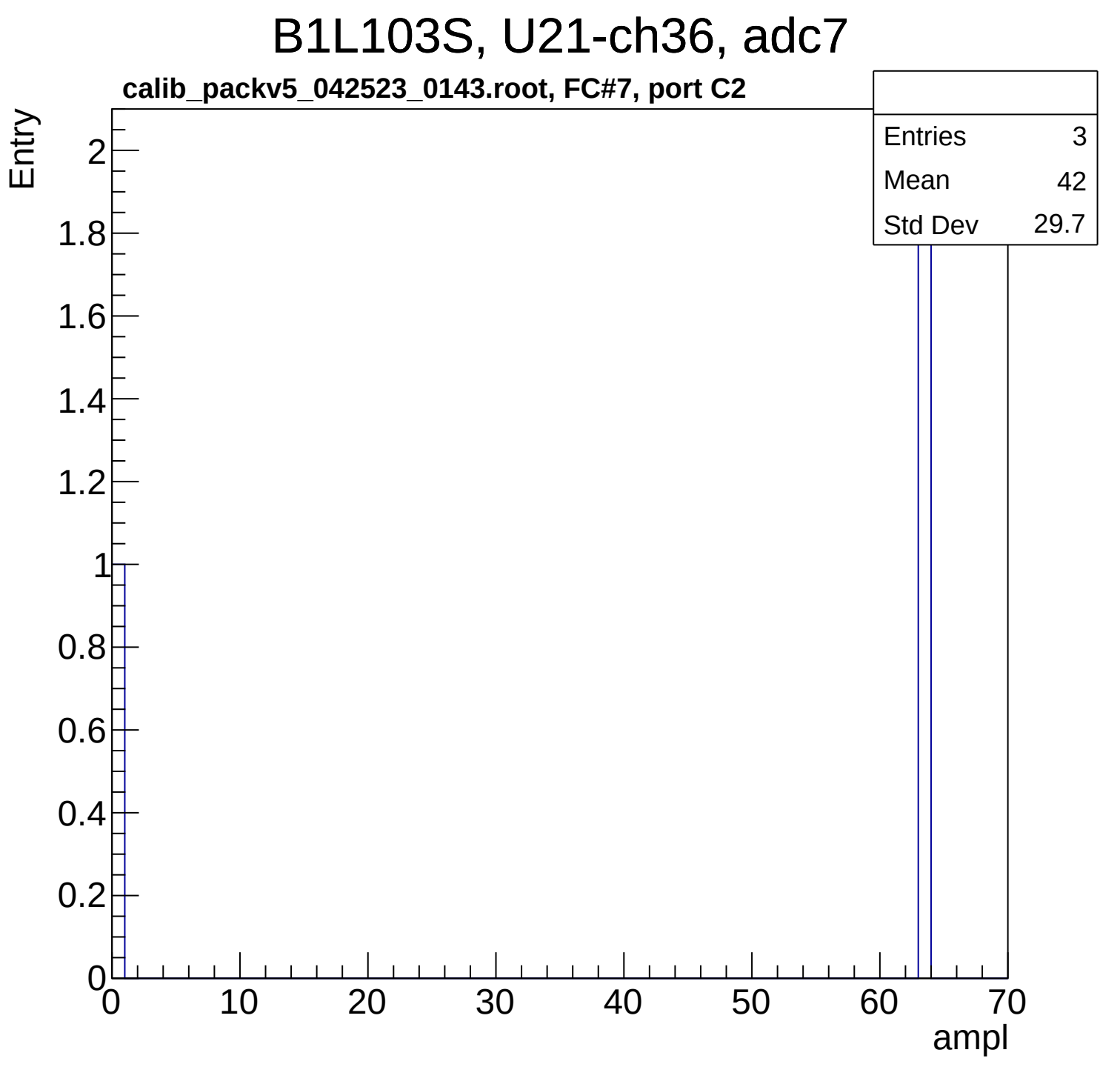

B1L103S, U21-ch36, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 24
Mean 60.79
Std Dev 2.217
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch36, adc7
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
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20
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40
50
60
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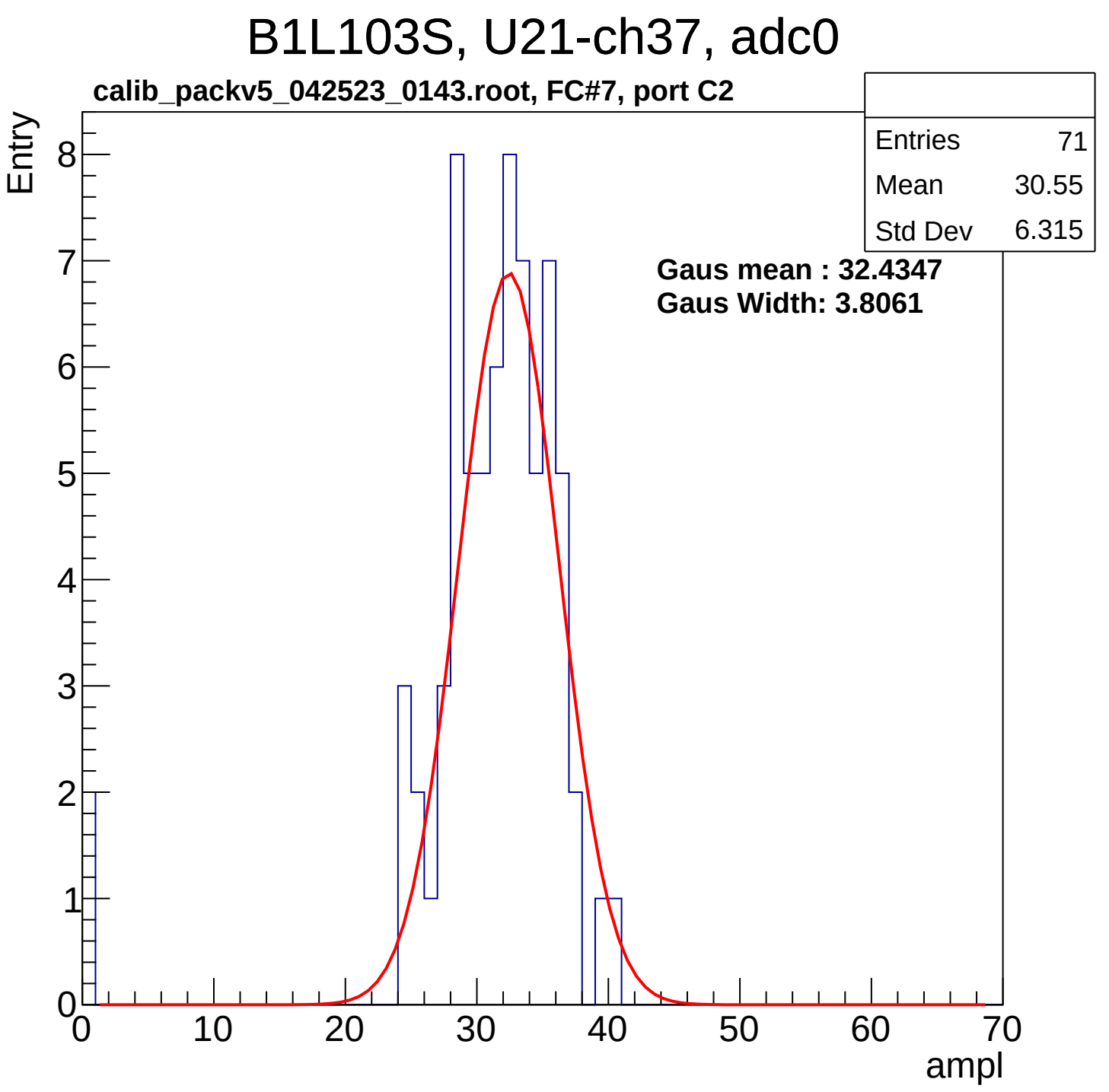
B1L103S, U21-ch37, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 30.55
Std Dev 6.315
Gaus mean : 32.4347
Gaus Width: 3.8061
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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60
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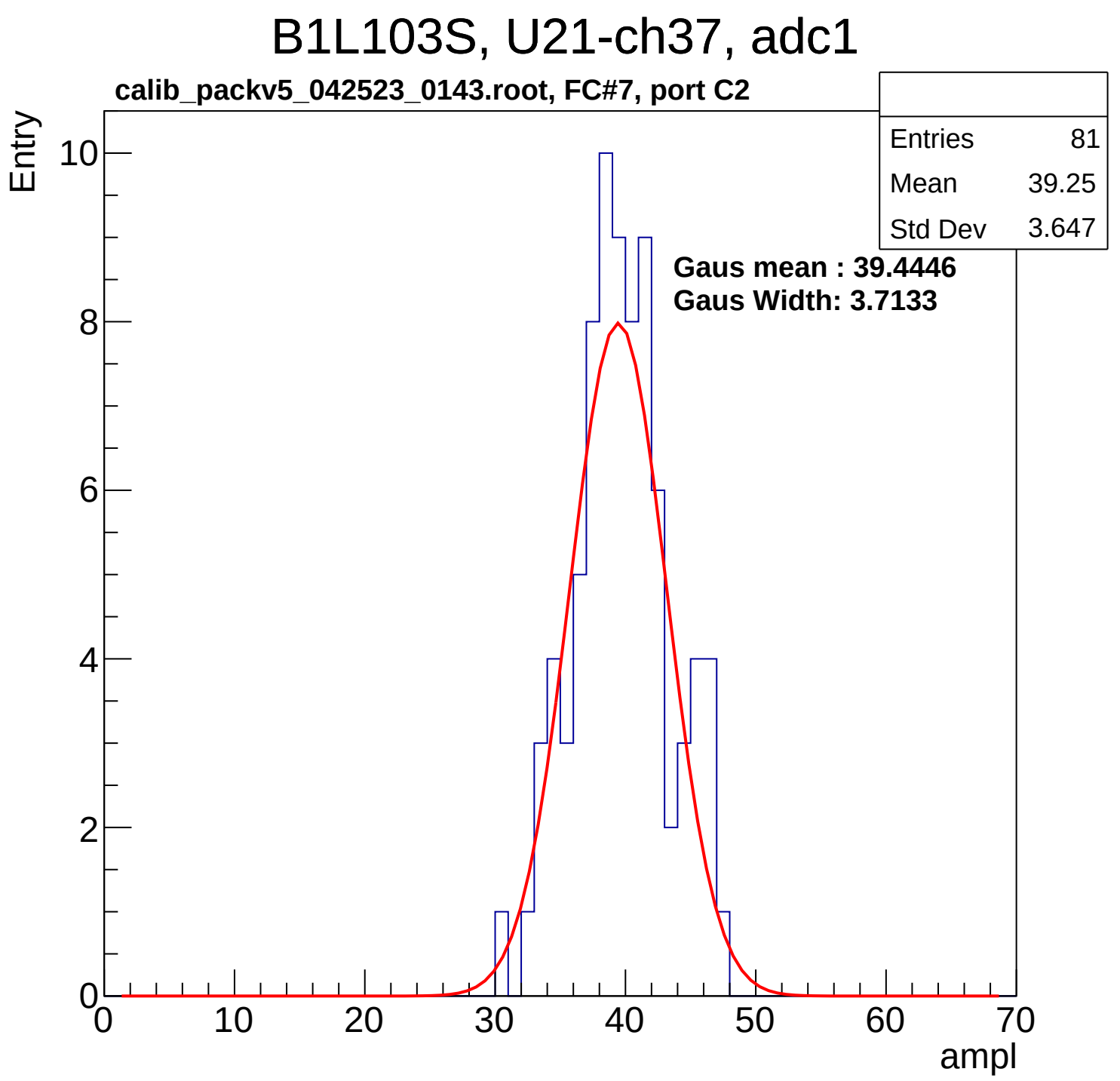
B1L103S, U21-ch37, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 81
Mean 39.25
Std Dev 3.647
Gaus mean : 39.4446
Gaus Width: 3.7133
Entry
ampl
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4
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8
10
0
10
20
30
40
50
60
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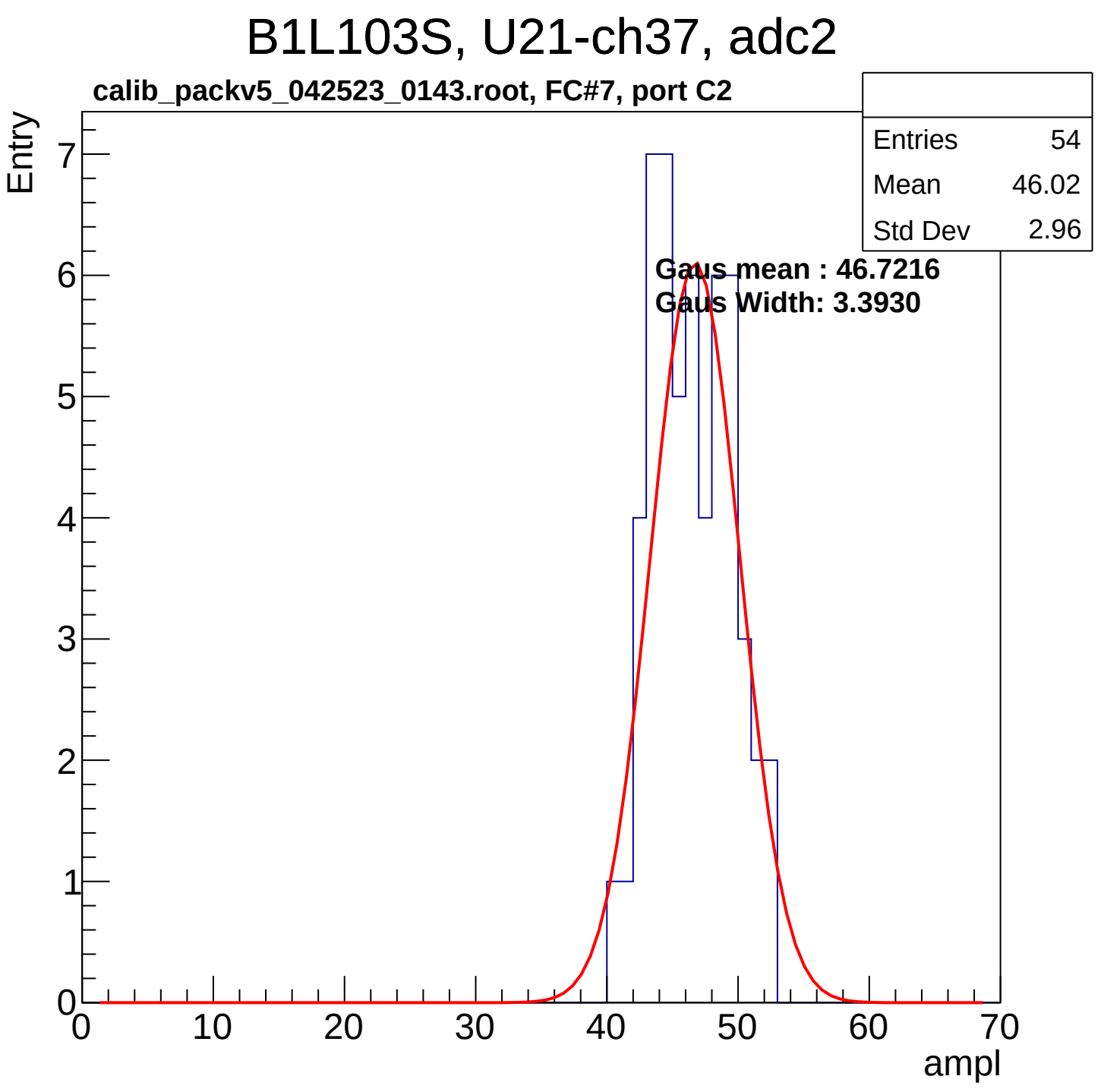
B1L103S, U21-ch37, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 46.02
Std Dev 2.96
Gaus mean : 46.7216
Gaus Width: 3.3930
Entry
ampl
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1
2
3
4
5
6
7
0
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20
30
40
50
60
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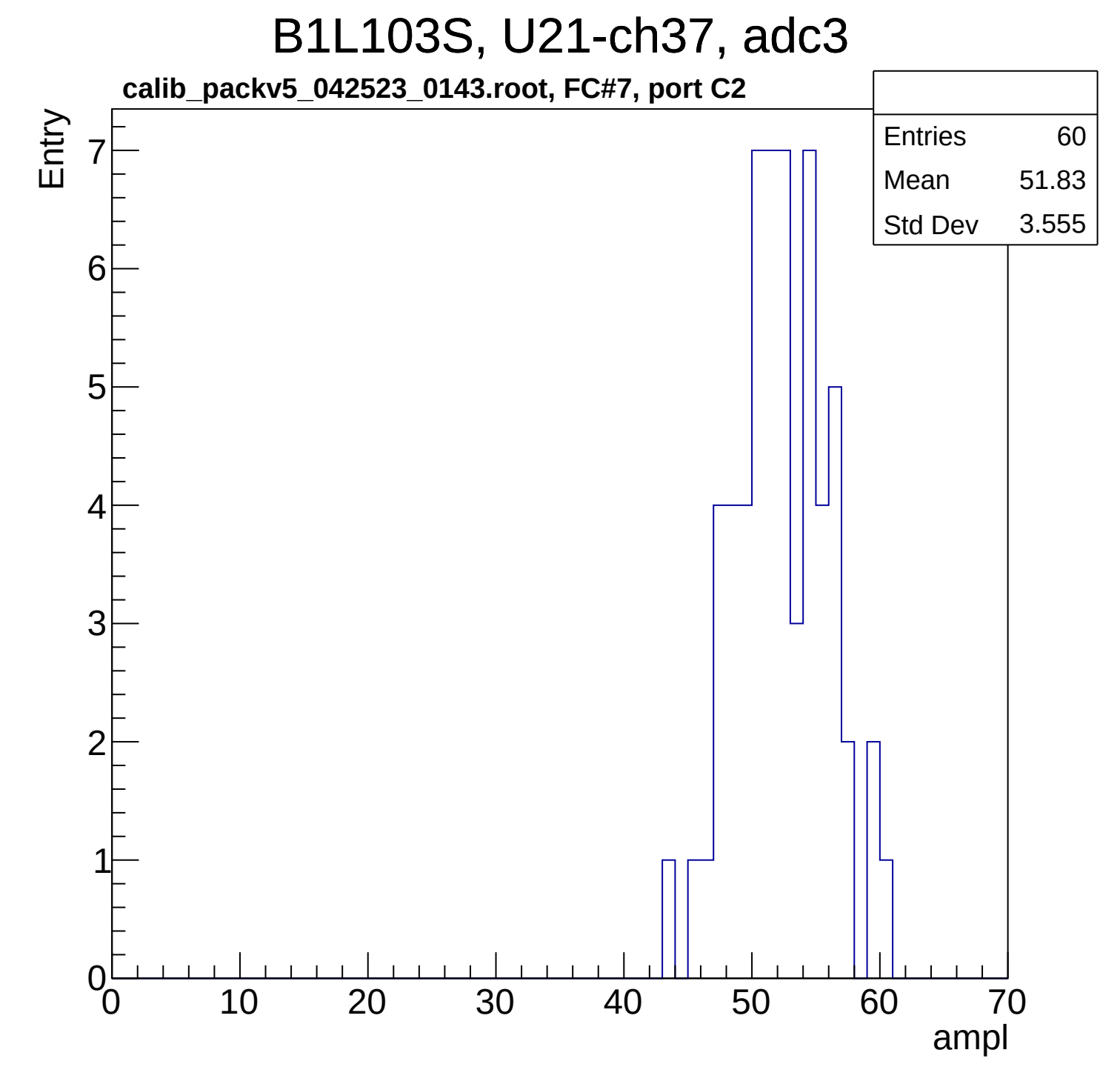
B1L103S, U21-ch37, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 51.83
Std Dev 3.555
Entry
ampl
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3
4
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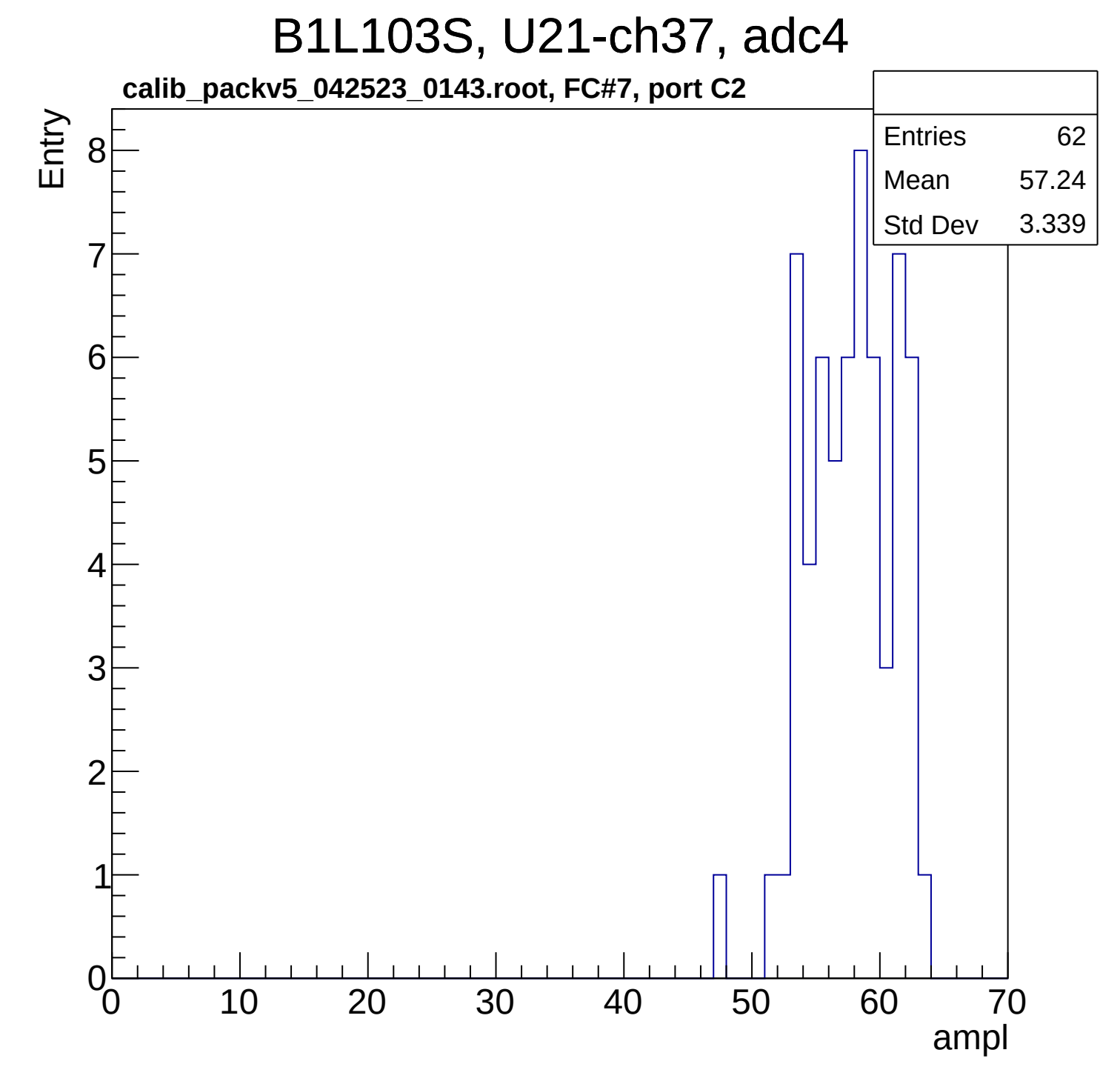
B1L103S, U21-ch37, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 57.24
Std Dev 3.339
Entry
ampl
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4
5
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7
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0
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20
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60
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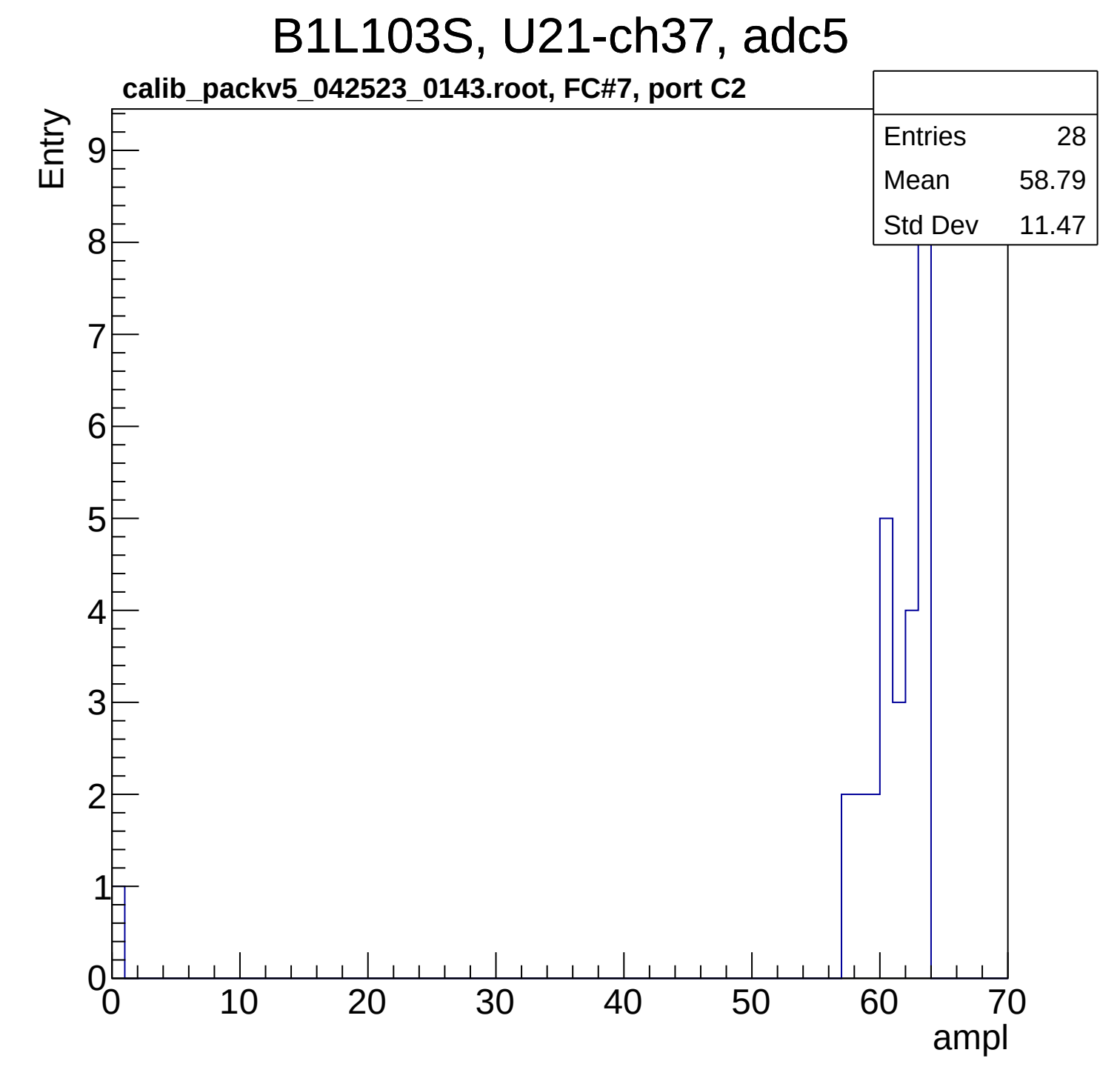
B1L103S, U21-ch37, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 28
Mean 58.79
Std Dev 11.47
Entry
ampl
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3
4
5
6
7
8
9
0
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20
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60
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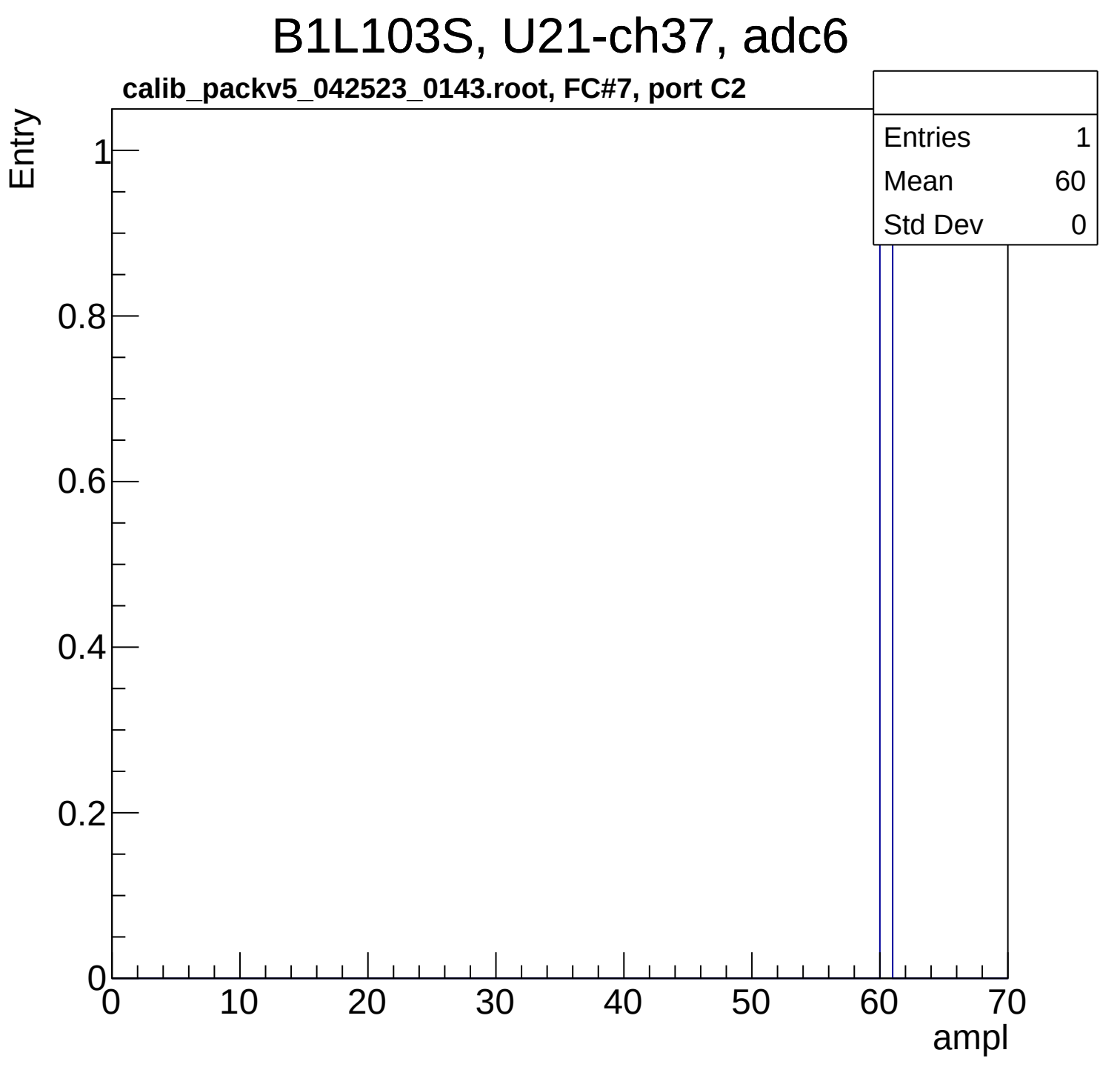
B1L103S, U21-ch37, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 60
Std Dev 0
Entry
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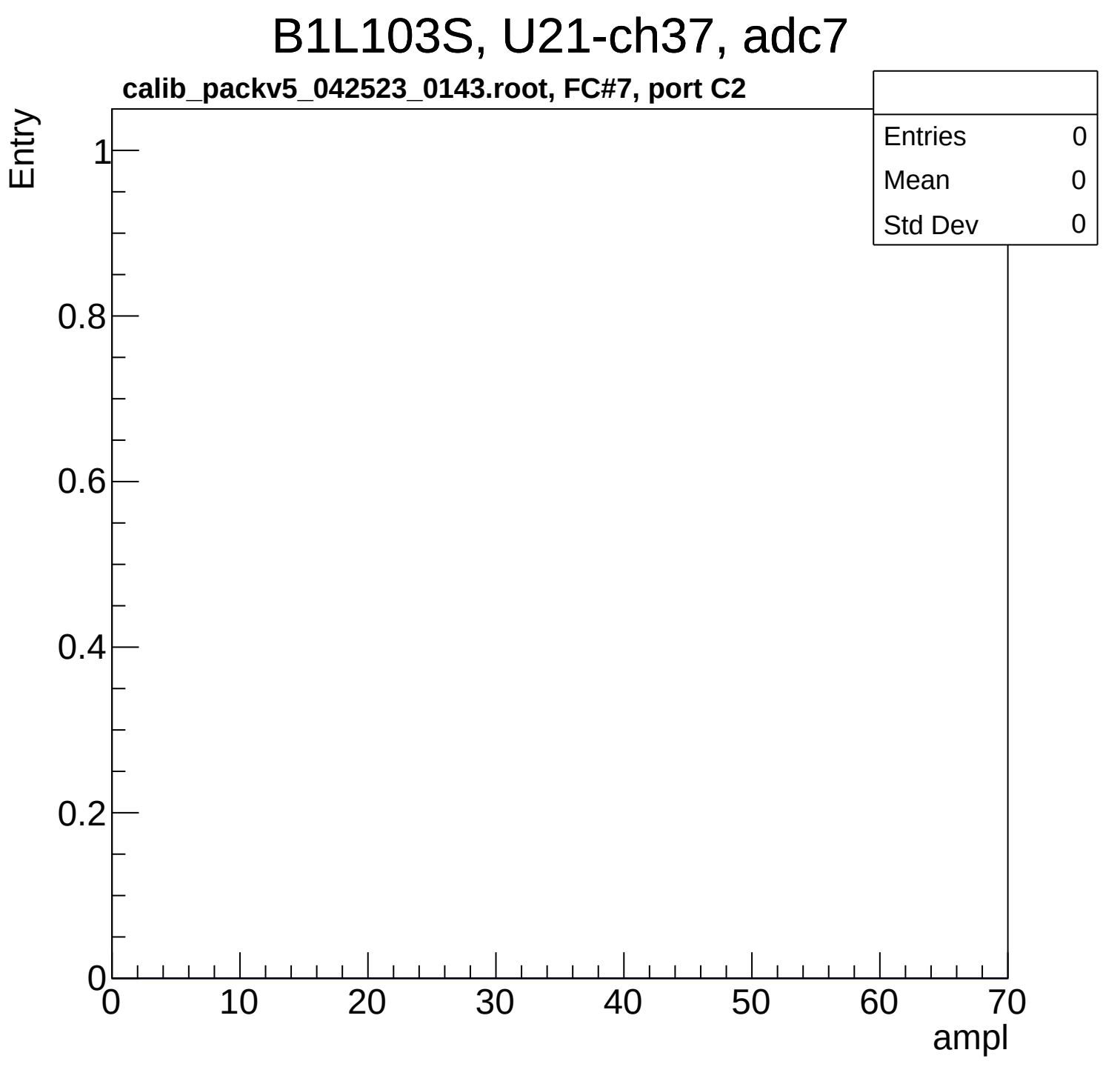
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch37, 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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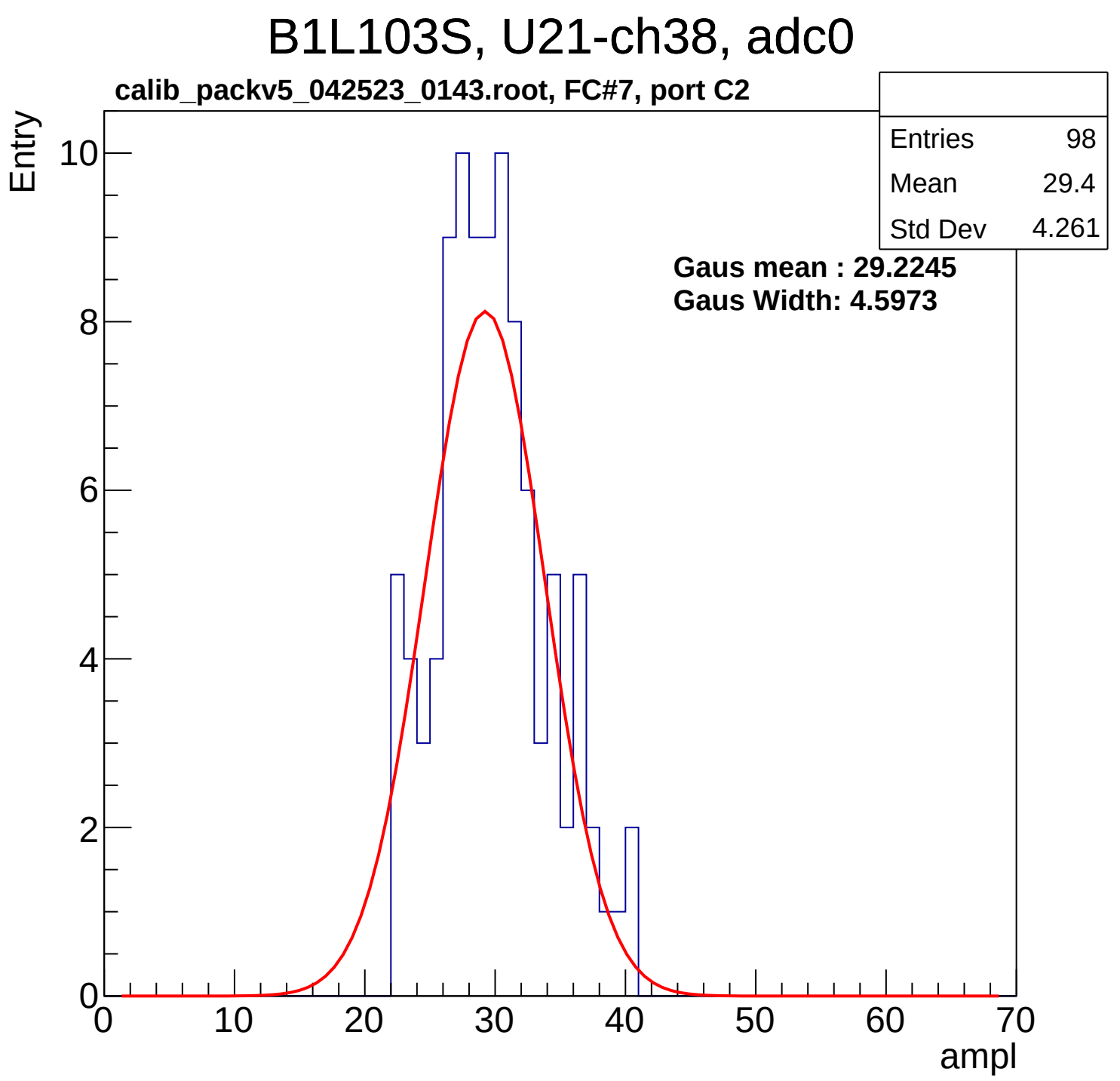
50
60
70
ampl


B1L103S, U21-ch38, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 98
Mean 29.4
Std Dev 4.261
Gaus mean : 29.2245
Gaus Width: 4.5973
Entry
ampl
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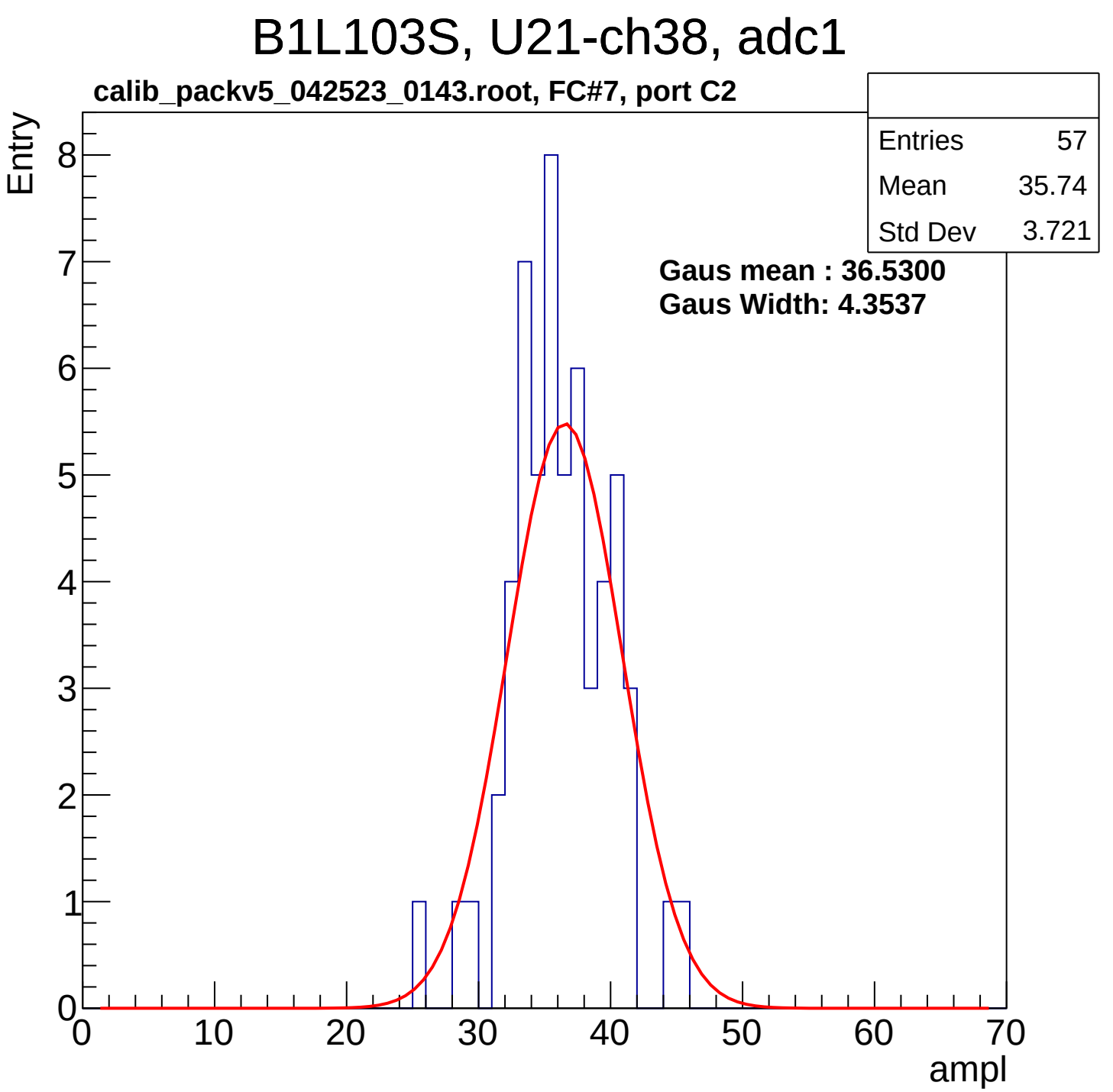
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U21-ch38, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 35.74
Std Dev 3.721
Gaus mean : 36.5300
Gaus Width: 4.3537
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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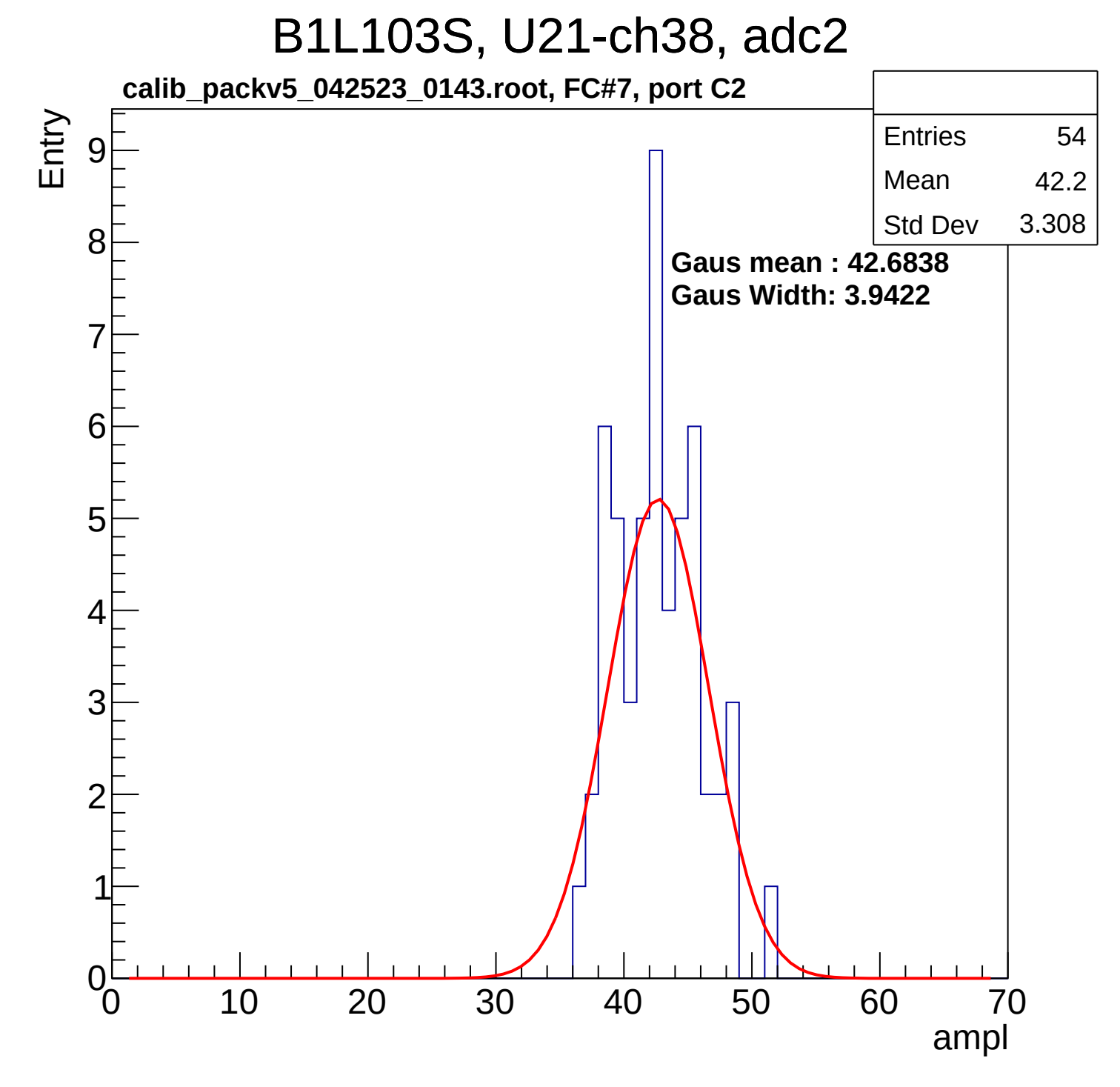
B1L103S, U21-ch38, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 42.2
Std Dev 3.308
Gaus mean : 42.6838
Gaus Width: 3.9422
Entry
ampl
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2
3
4
5
6
7
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0
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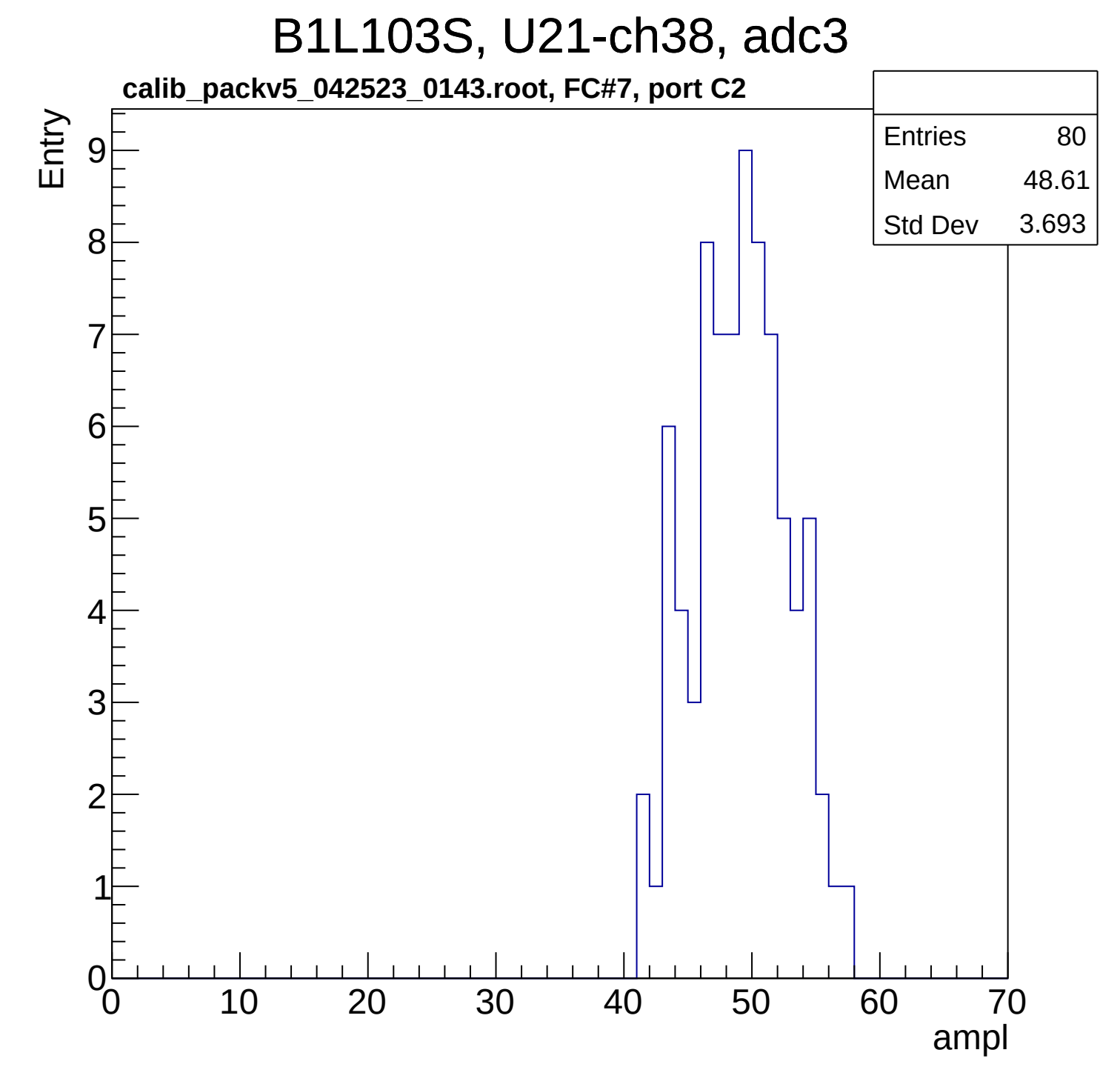
B1L103S, U21-ch38, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 80
Mean 48.61
Std Dev 3.693
Entry
ampl
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3
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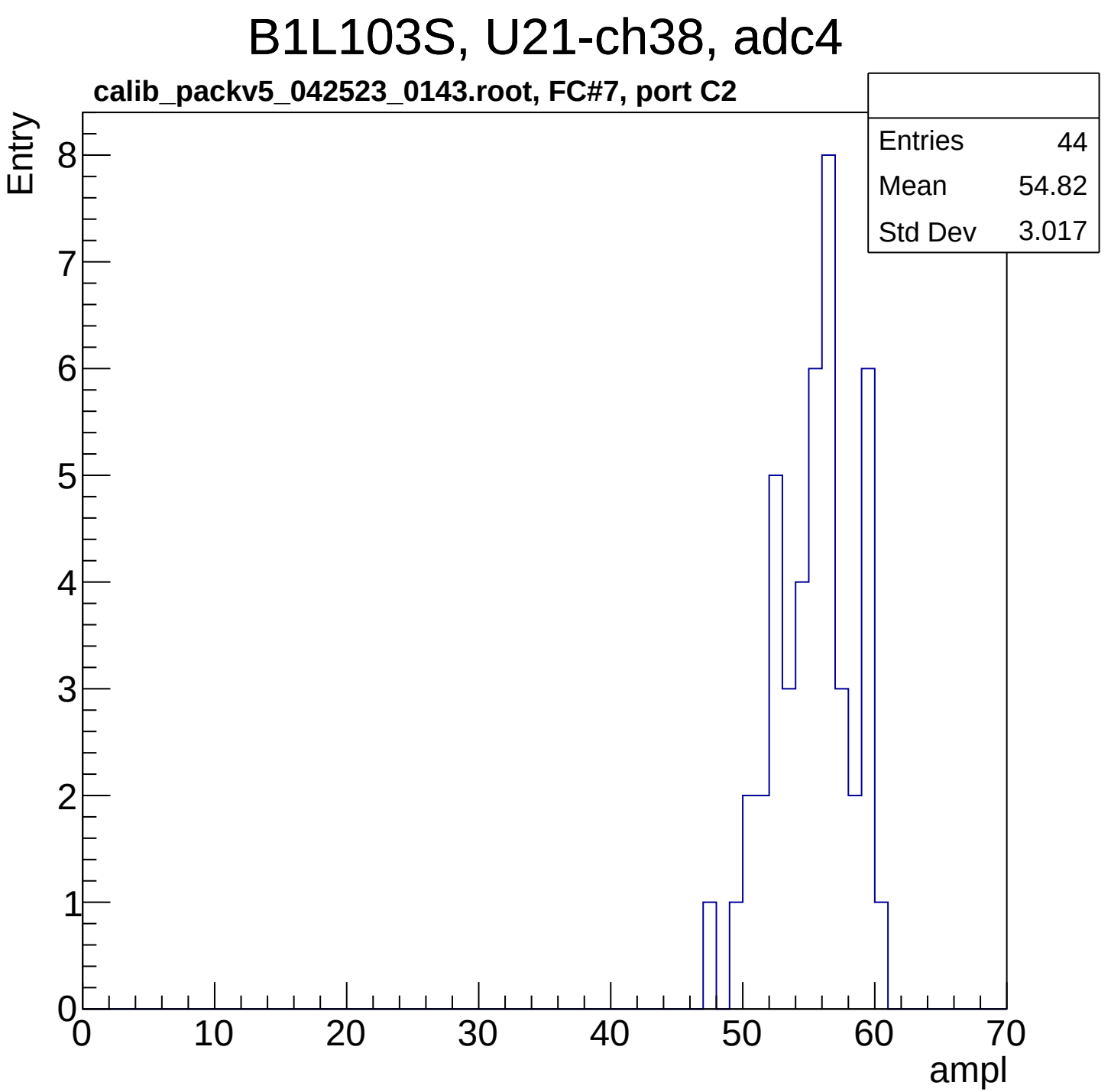
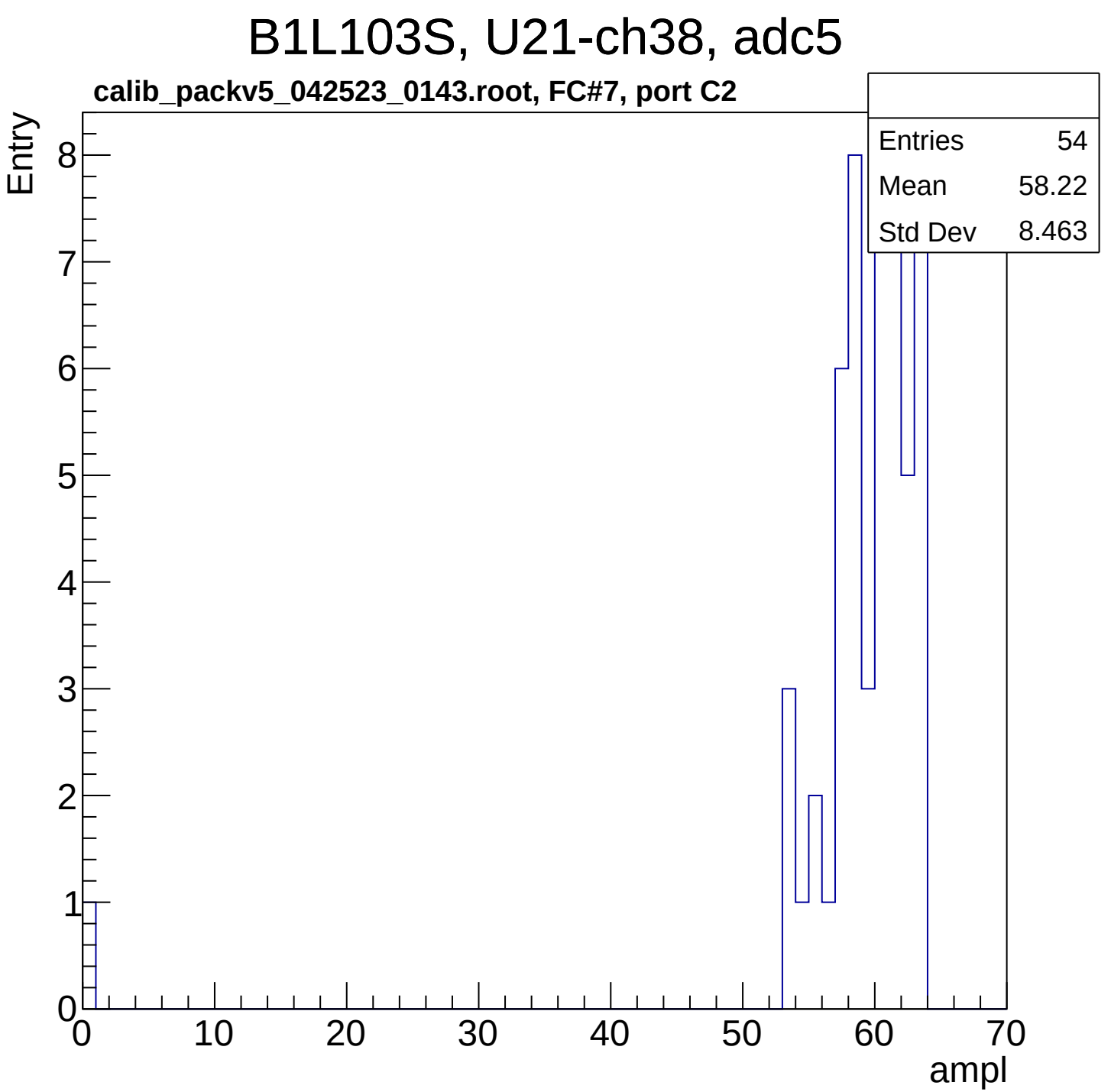

B1L103S, U21-ch38, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 44
Mean 54.82
Std Dev 3.017
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch38, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 58.22
Std Dev 8.463
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
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60
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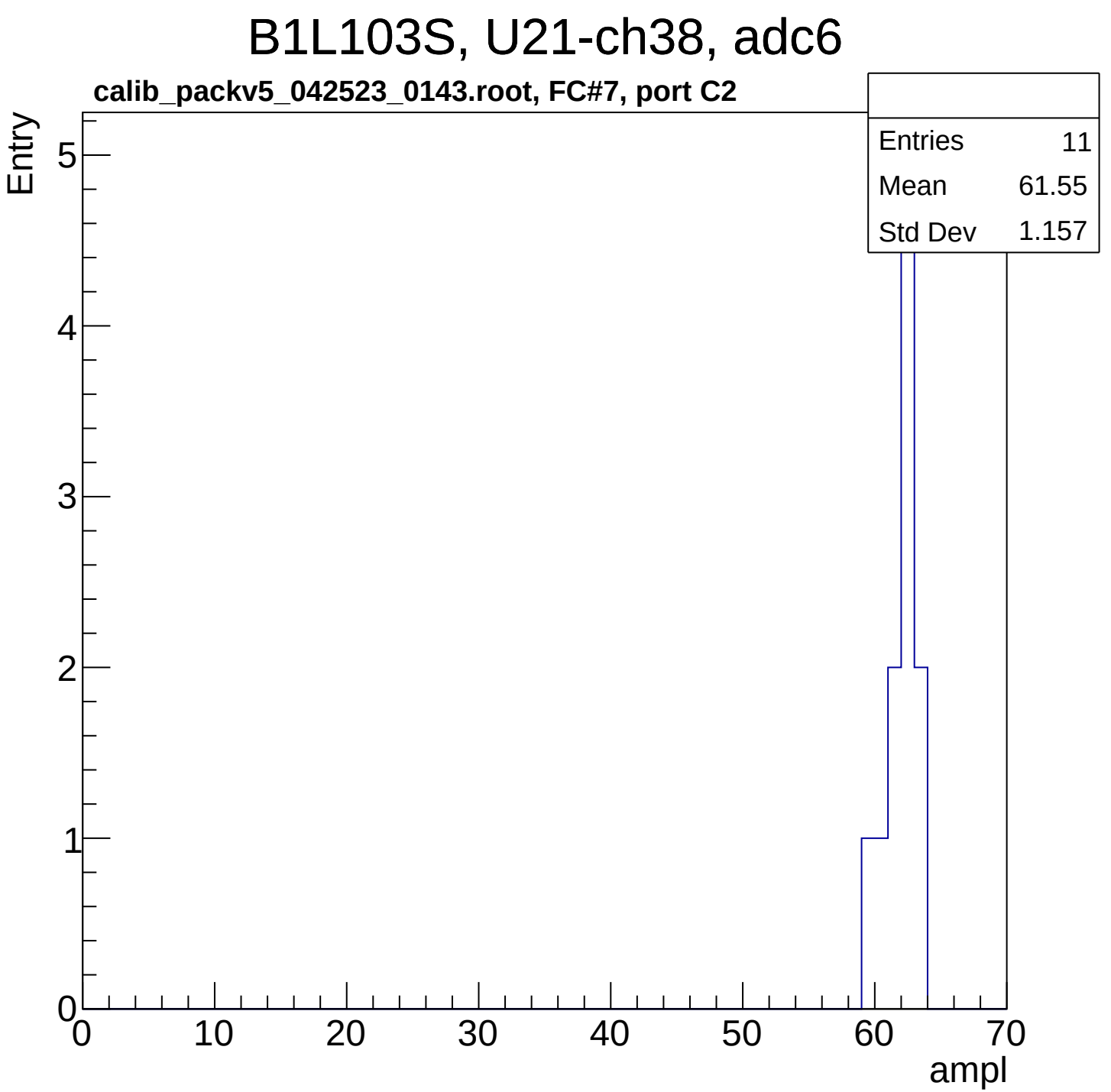
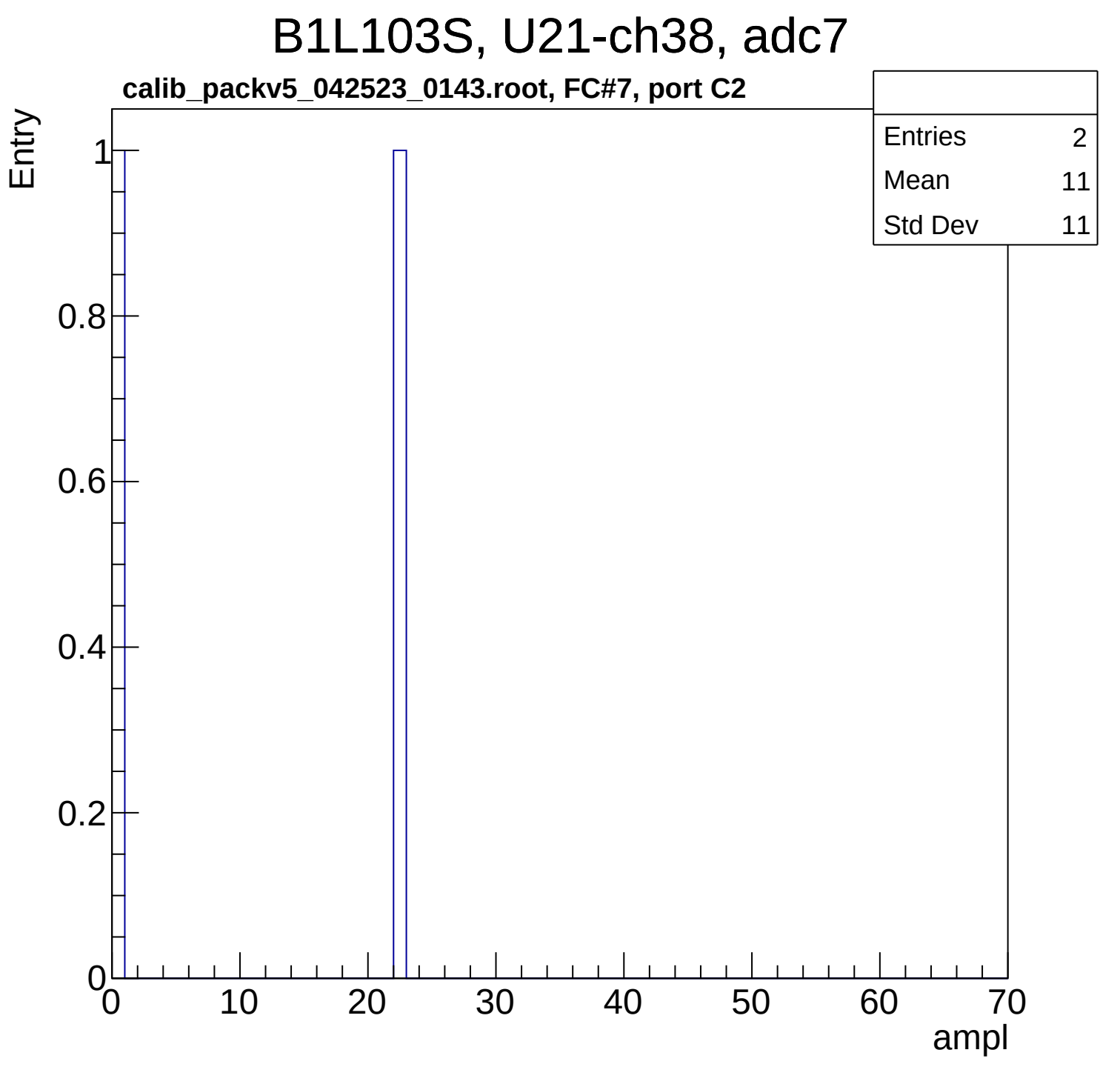
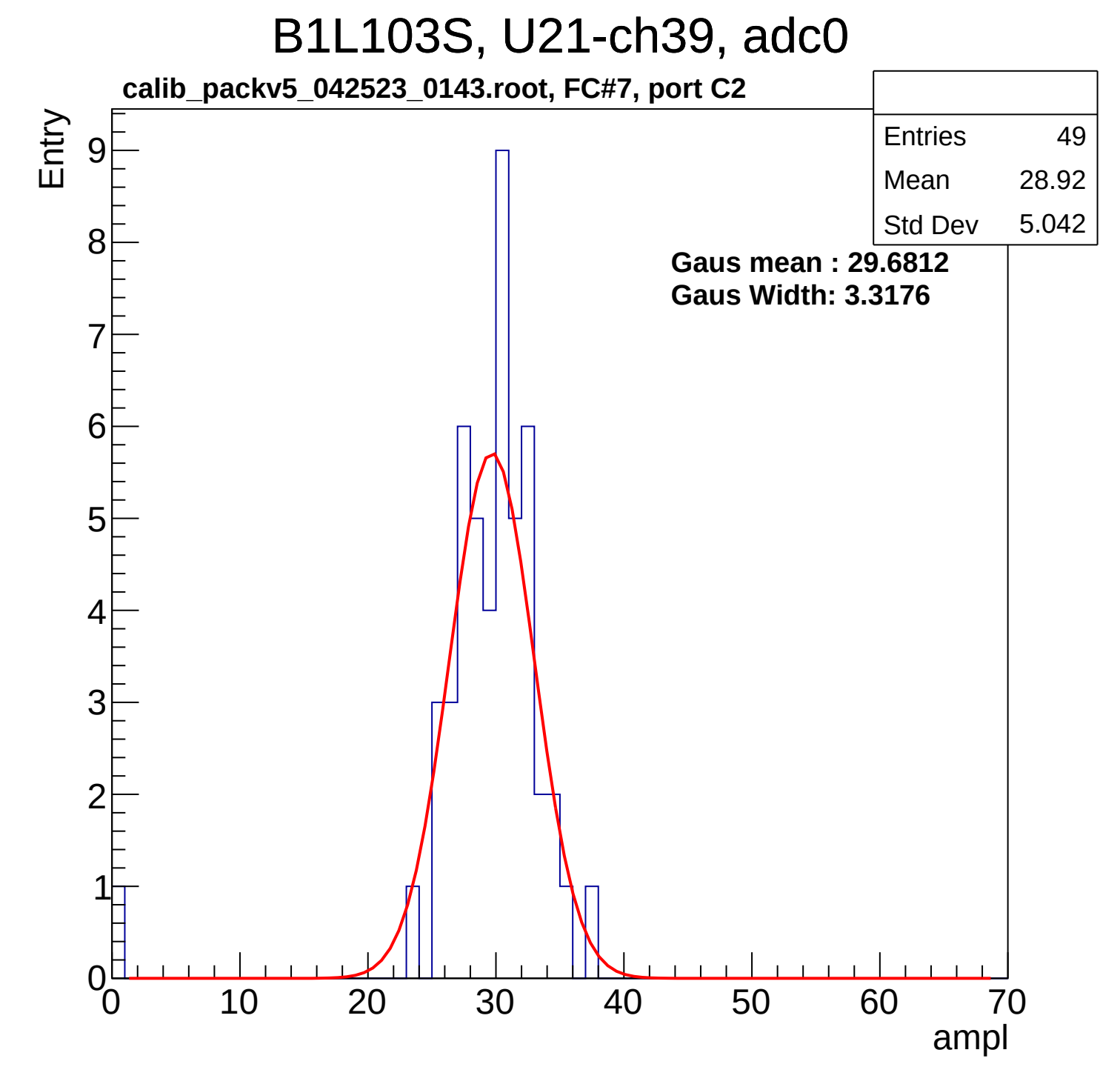

B1L103S, U21-ch38, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 11
Mean 61.55
Std Dev 1.157
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch38, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 11
Std Dev 11
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch39, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 28.92
Std Dev 5.042
Gaus mean : 29.6812
Gaus Width: 3.3176
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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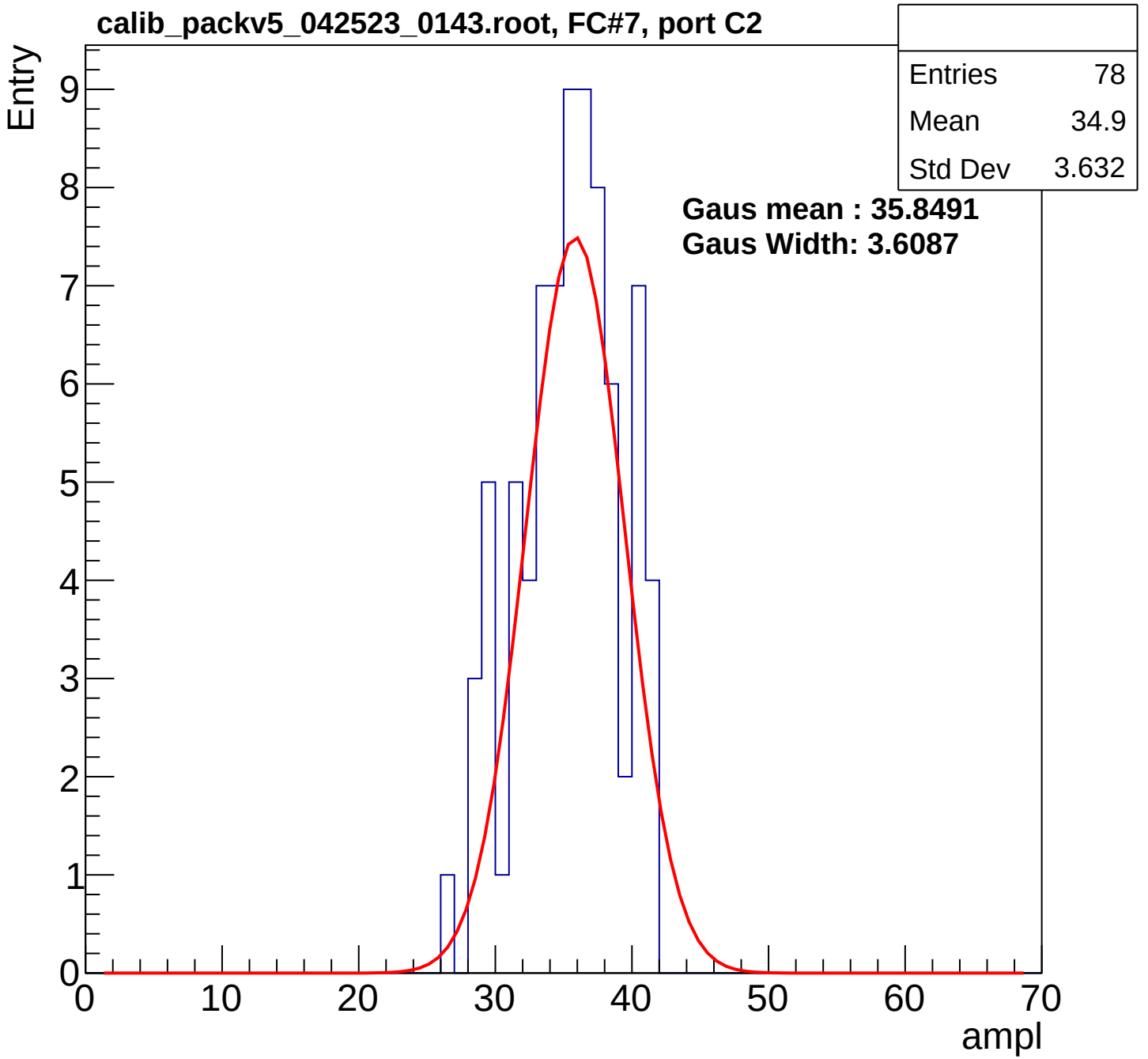
B1L103S, U21-ch39, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 78
Mean 34.9
Std Dev 3.632
Gaus mean : 35.8491
Gaus Width: 3.6087
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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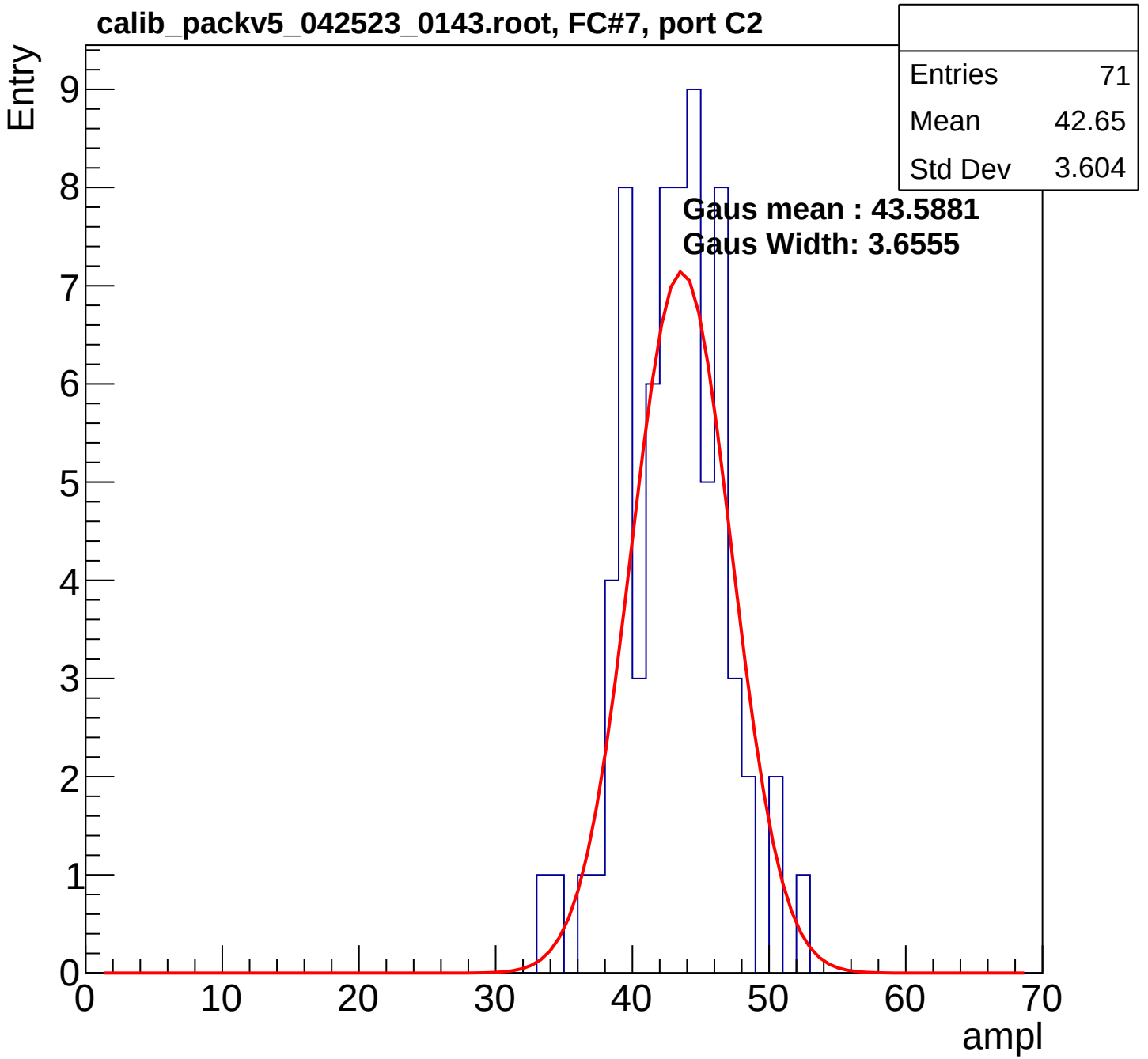
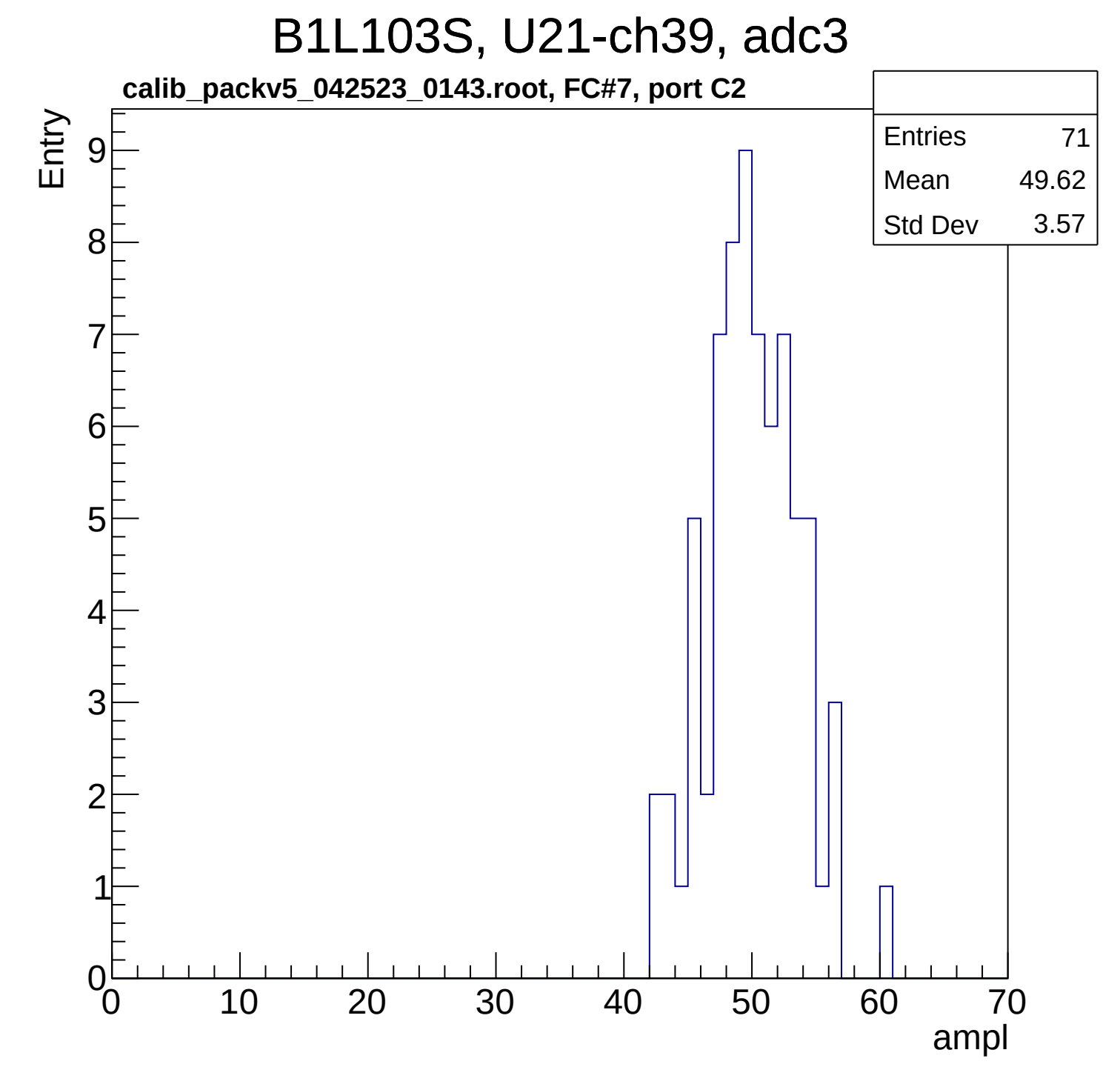
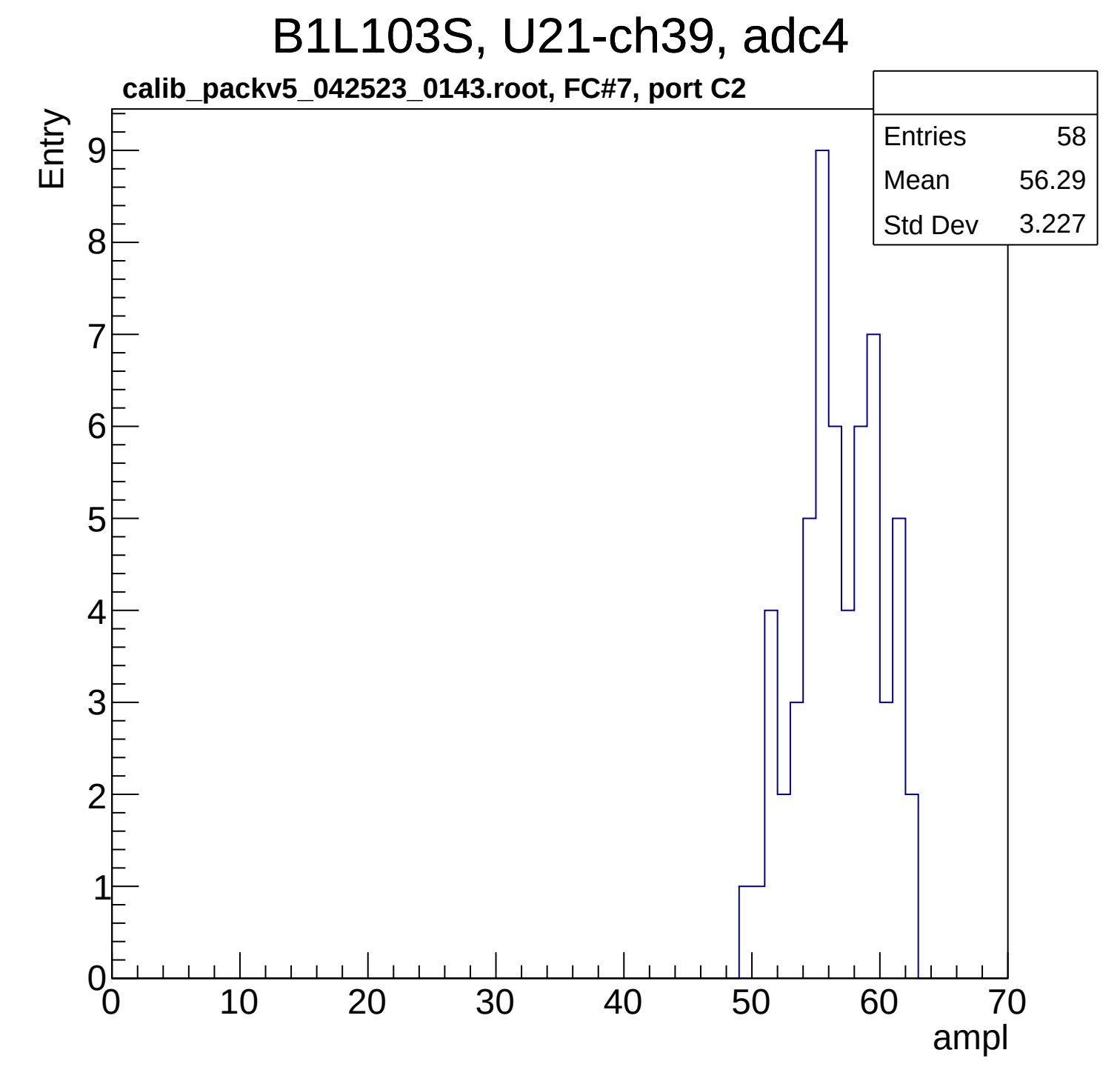
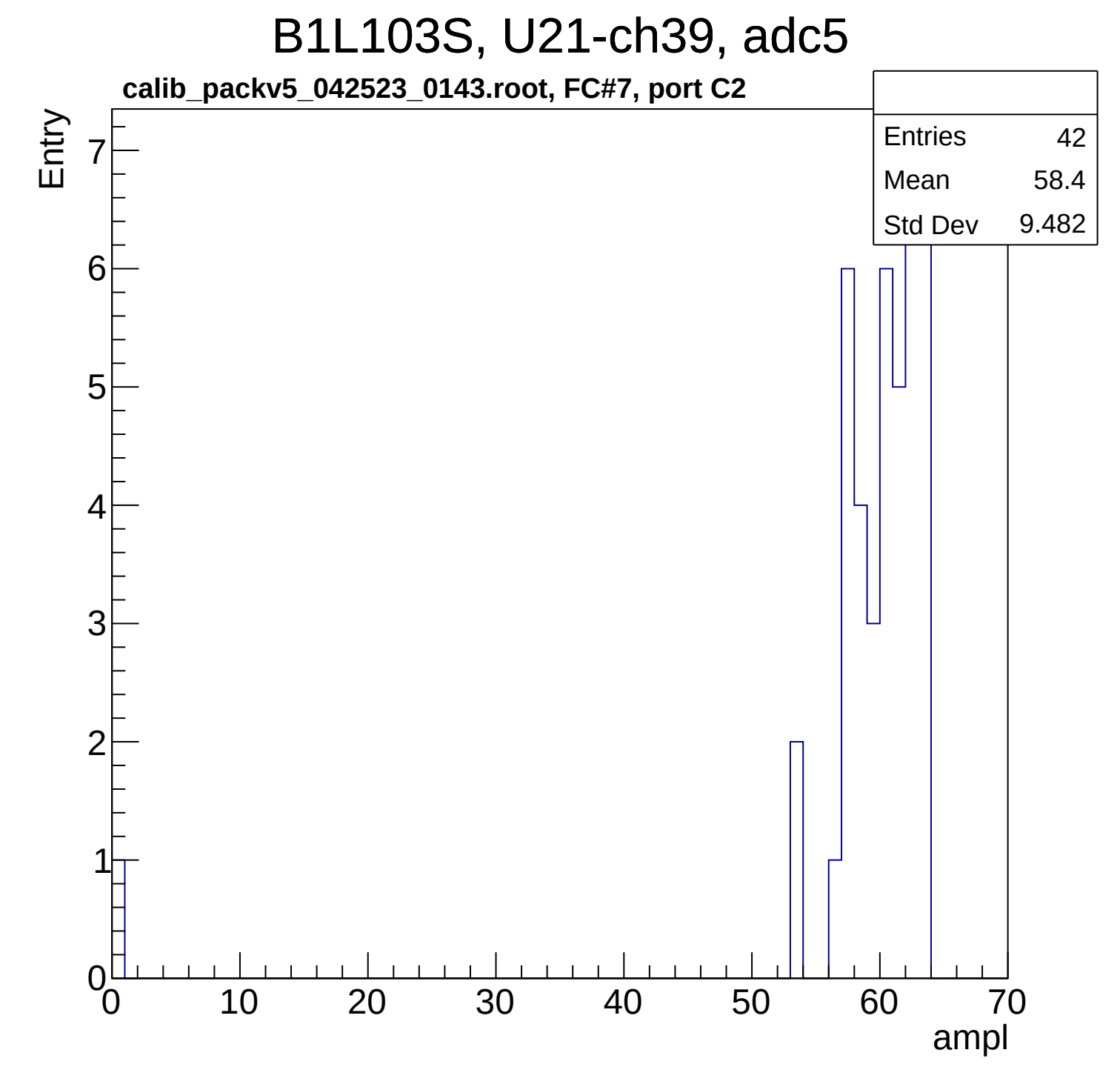
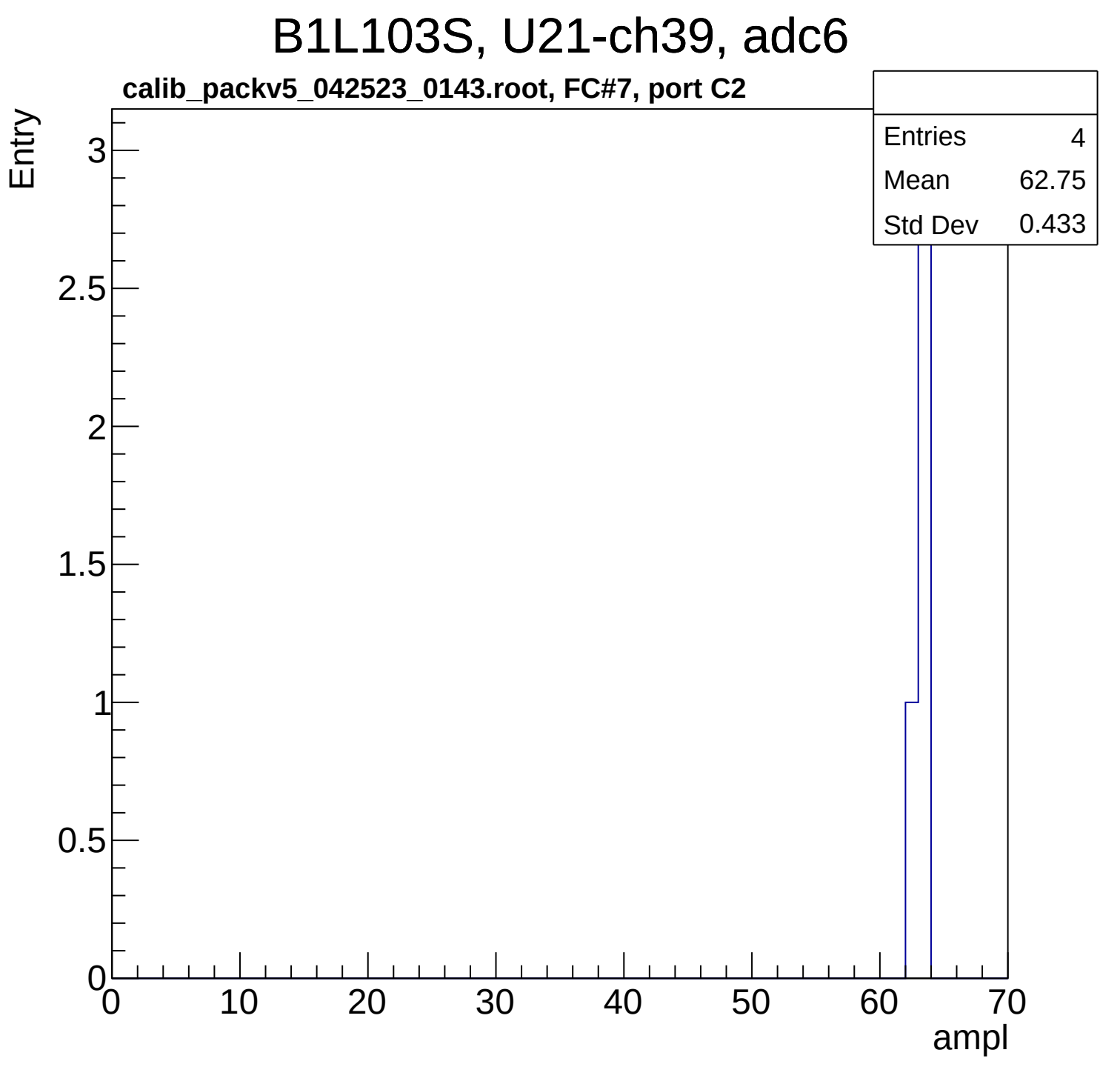

B1L103S, U21-ch39, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 42.65
Std Dev 3.604
Gaus mean : 43.5881
Gaus Width: 3.6555
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch39, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 49.62
Std Dev 3.57
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch39, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 56.29
Std Dev 3.227
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch39, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 42
Mean 58.4
Std Dev 9.482
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch39, 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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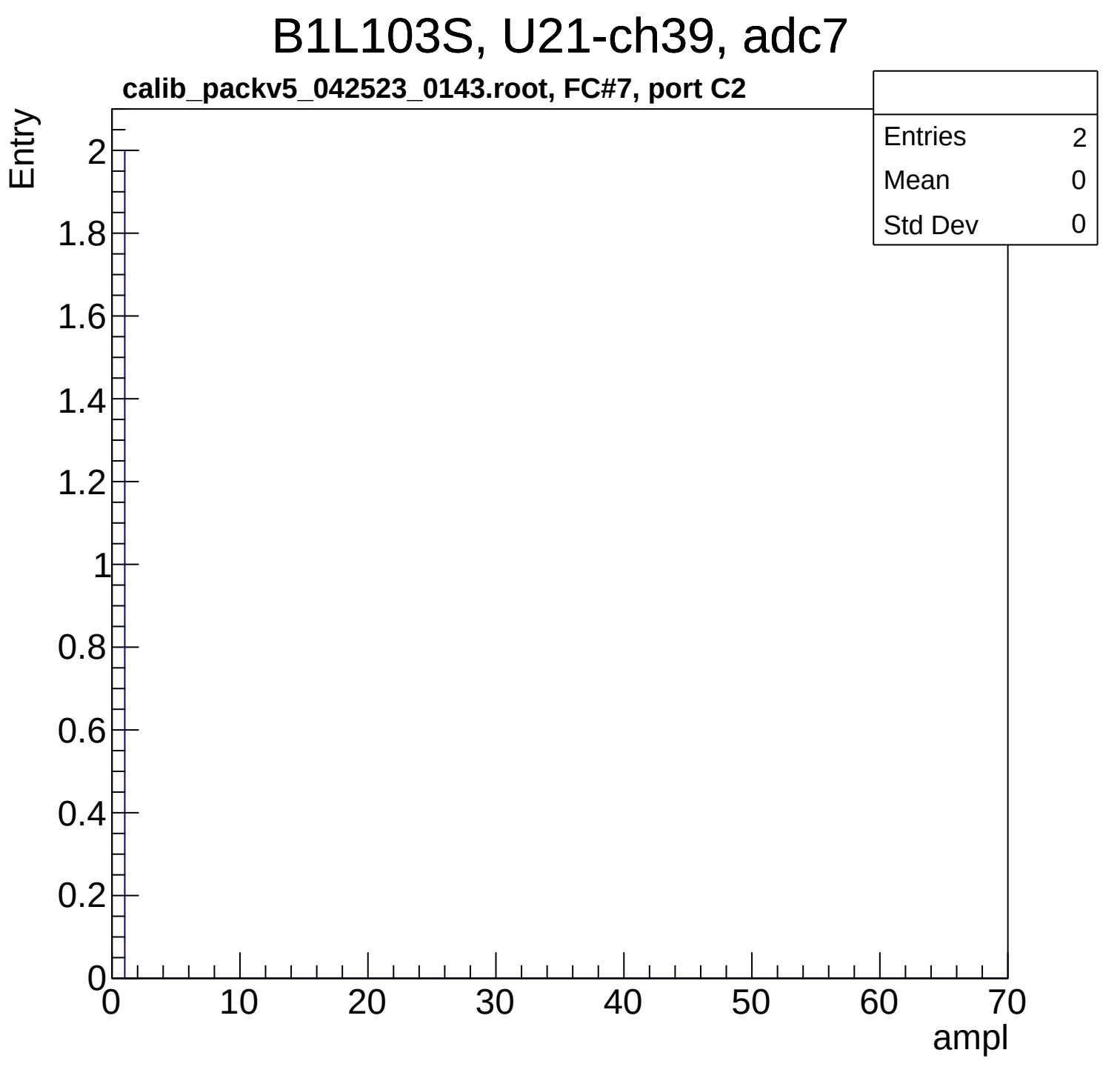
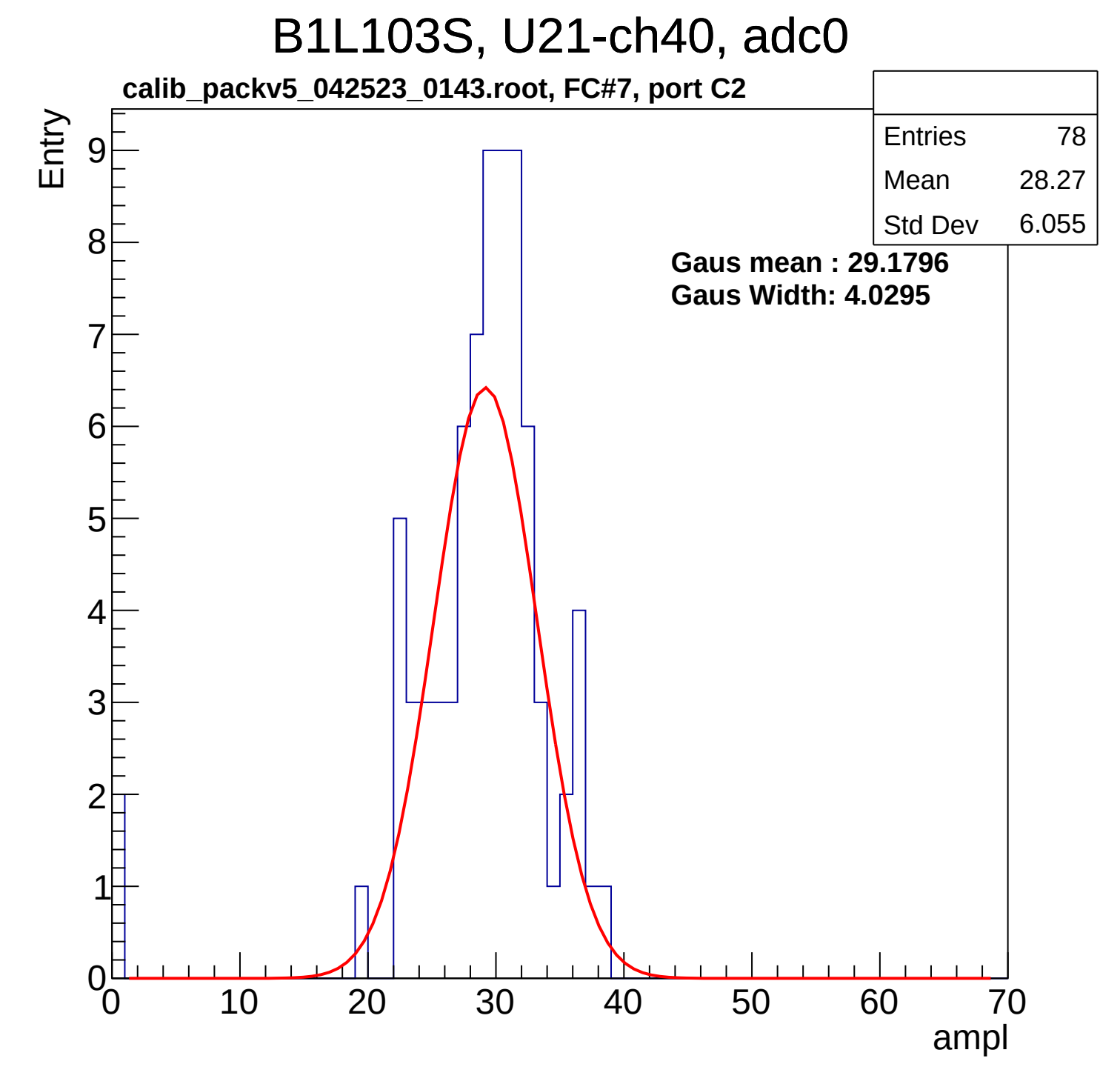
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U21-ch39, 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, U21-ch40, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 78
Mean 28.27
Std Dev 6.055
Gaus mean : 29.1796
Gaus Width: 4.0295
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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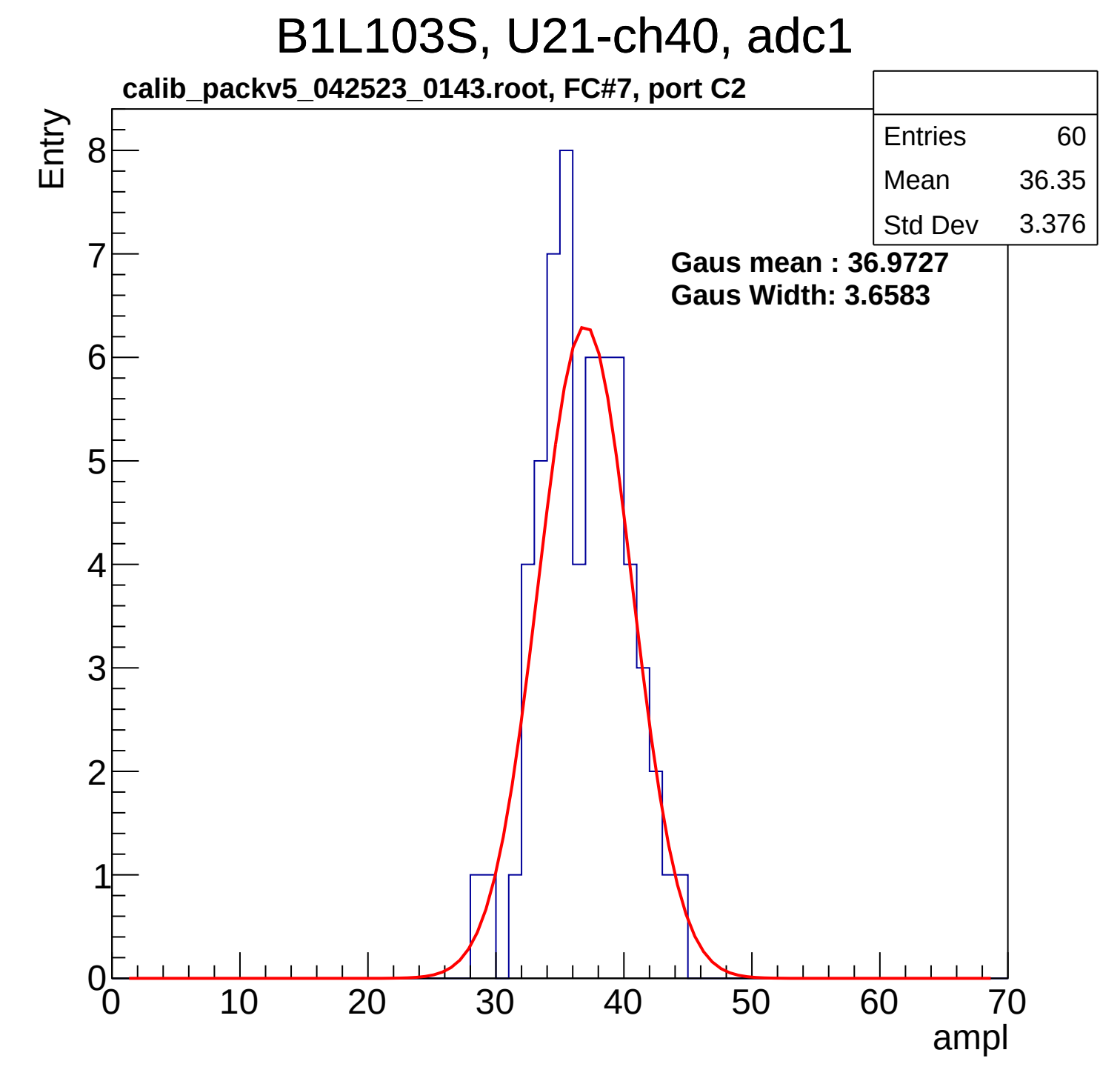
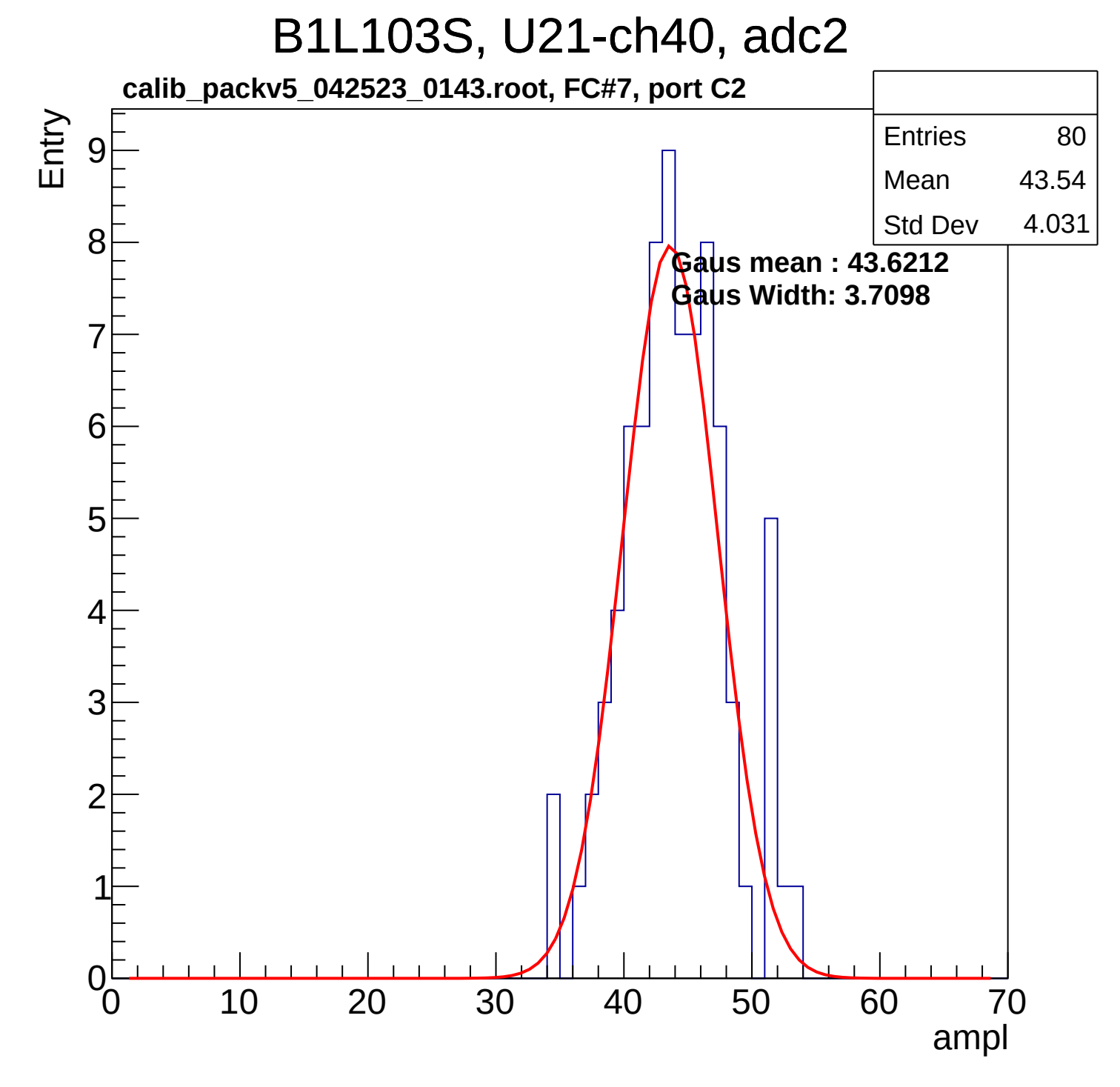

B1L103S, U21-ch40, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 36.35
Std Dev 3.376
Gaus mean : 36.9727
Gaus Width: 3.6583
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch40, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 80
Mean 43.54
Std Dev 4.031
Gaus mean : 43.6212
Gaus Width: 3.7098
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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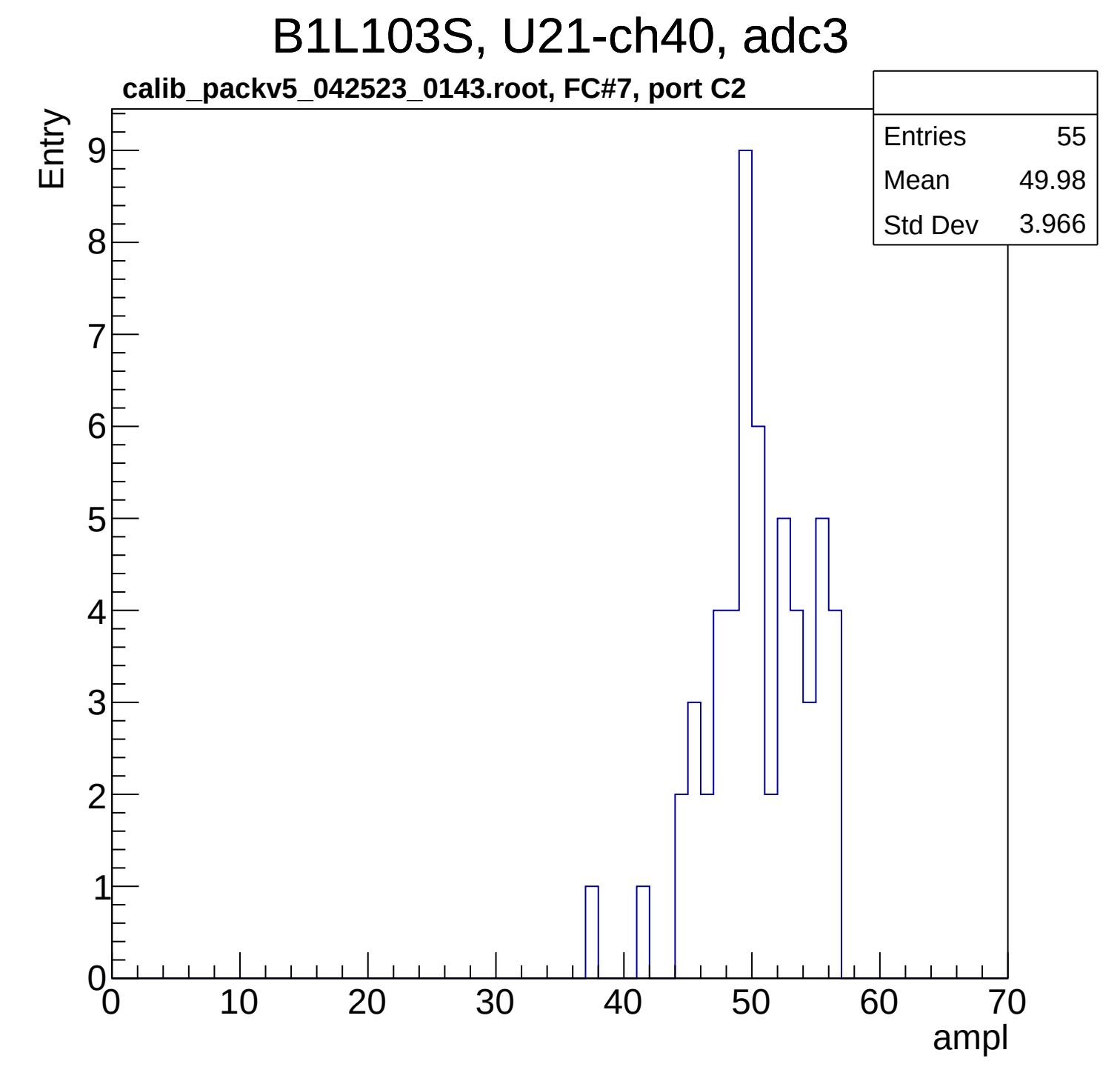
B1L103S, U21-ch40, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 49.98
Std Dev 3.966
Entry
ampl
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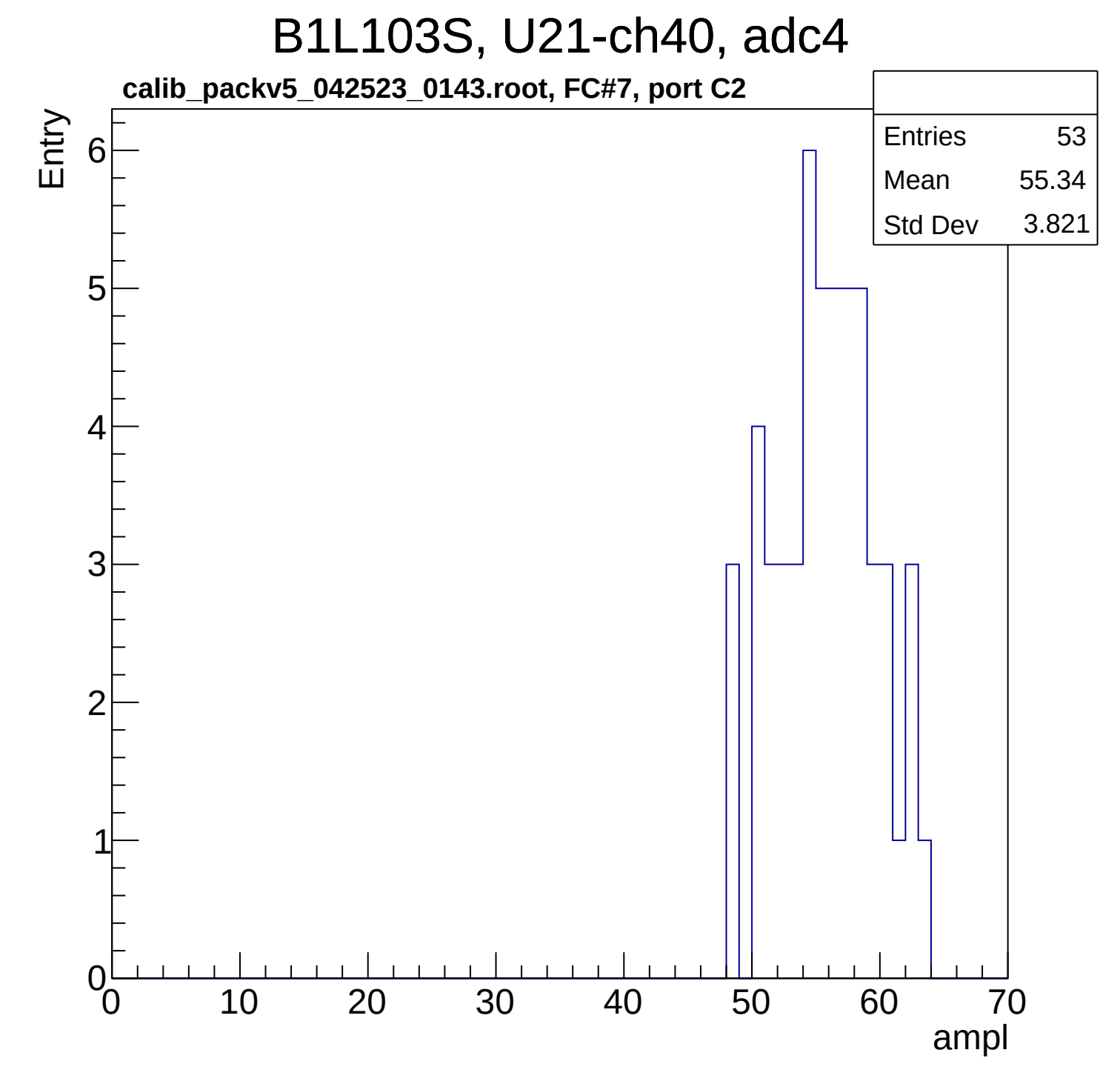
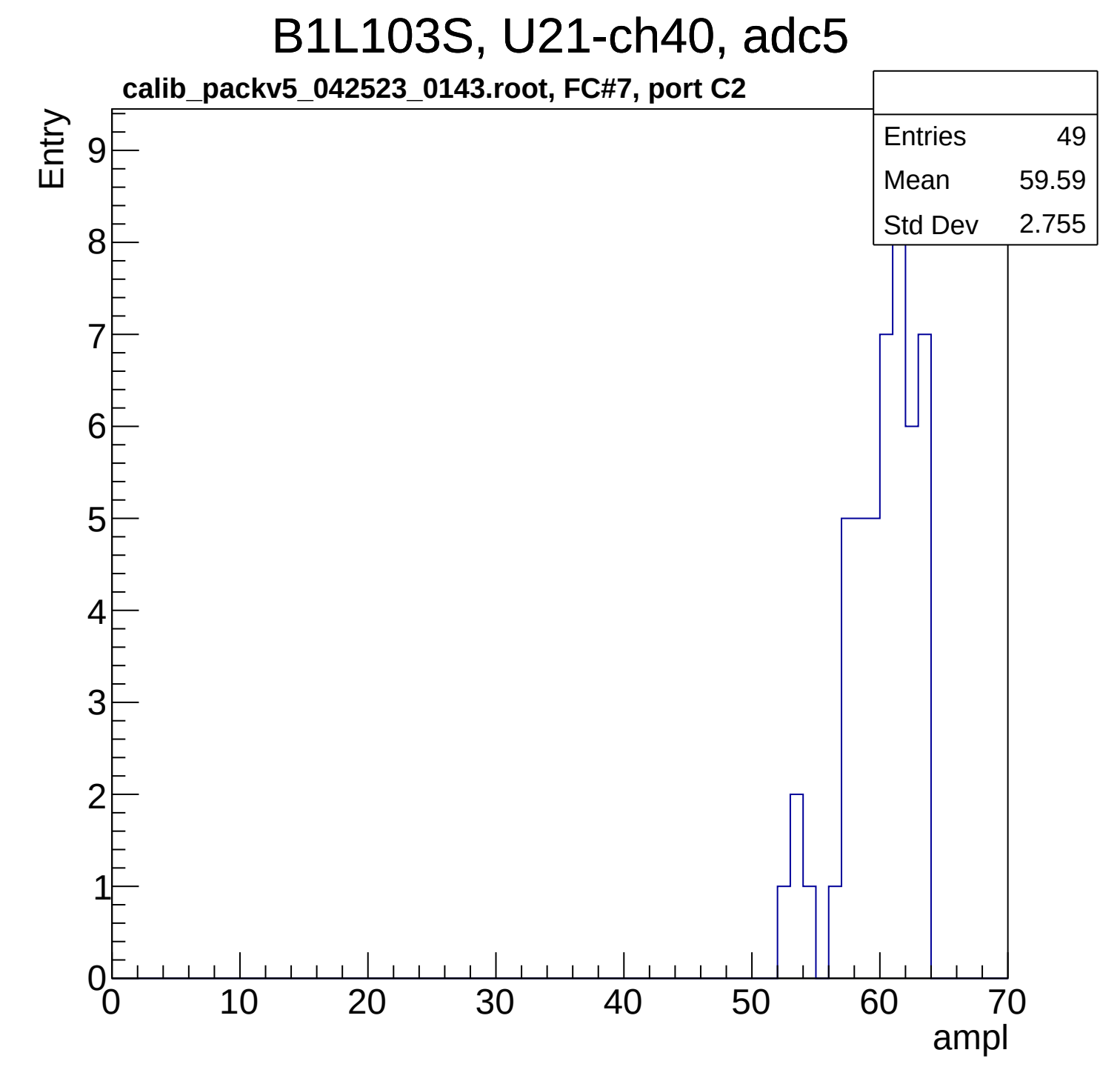
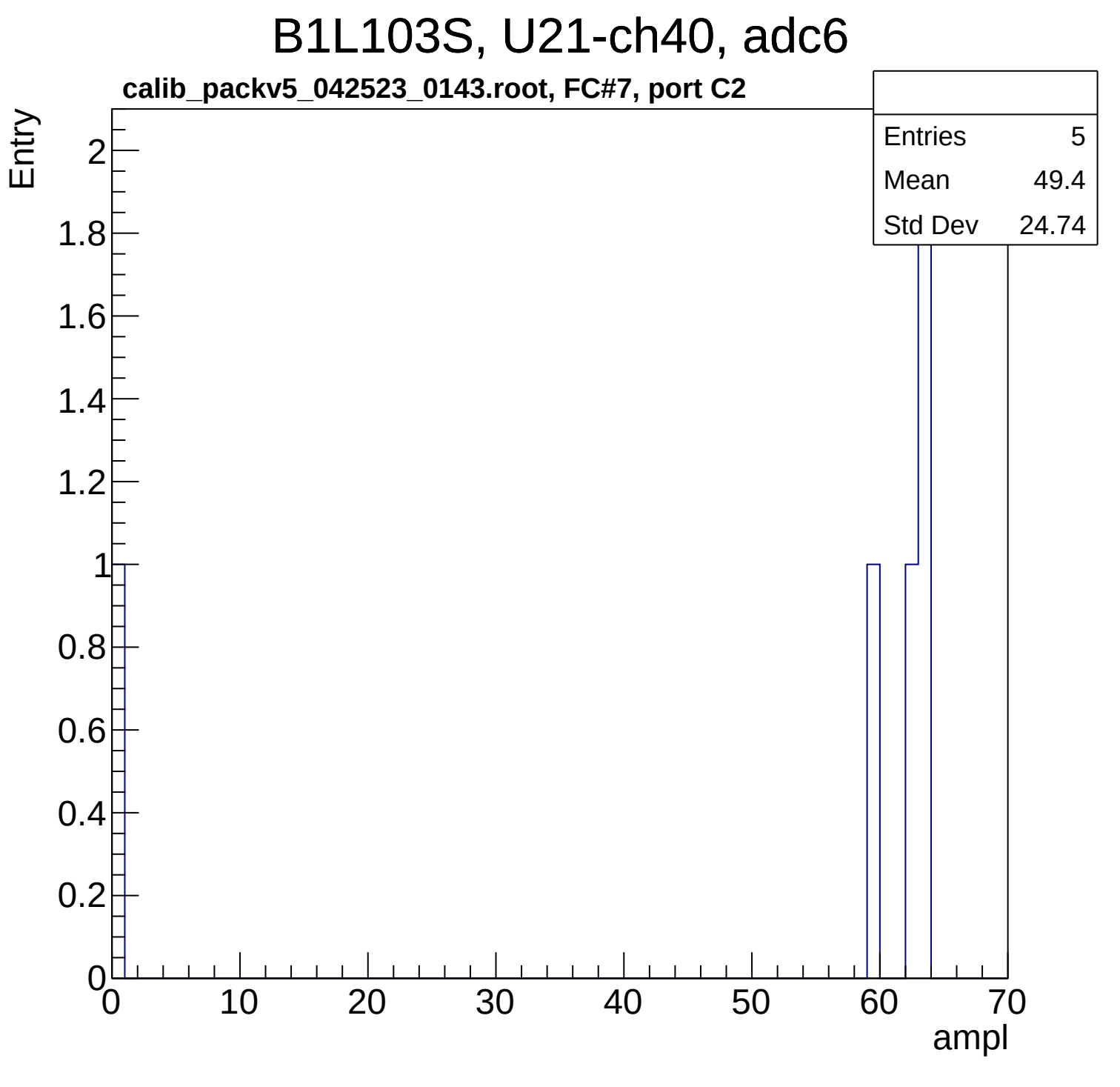
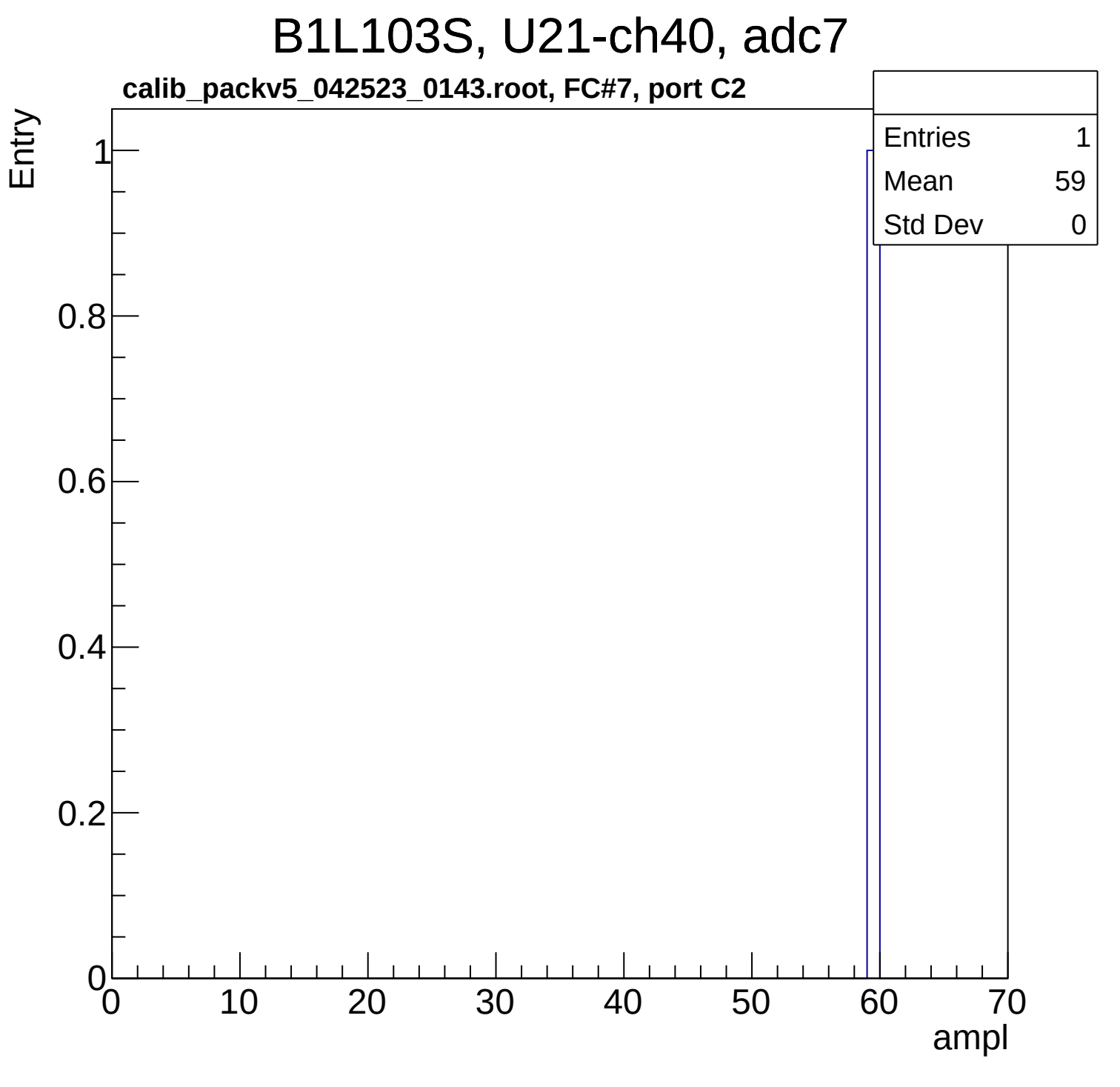
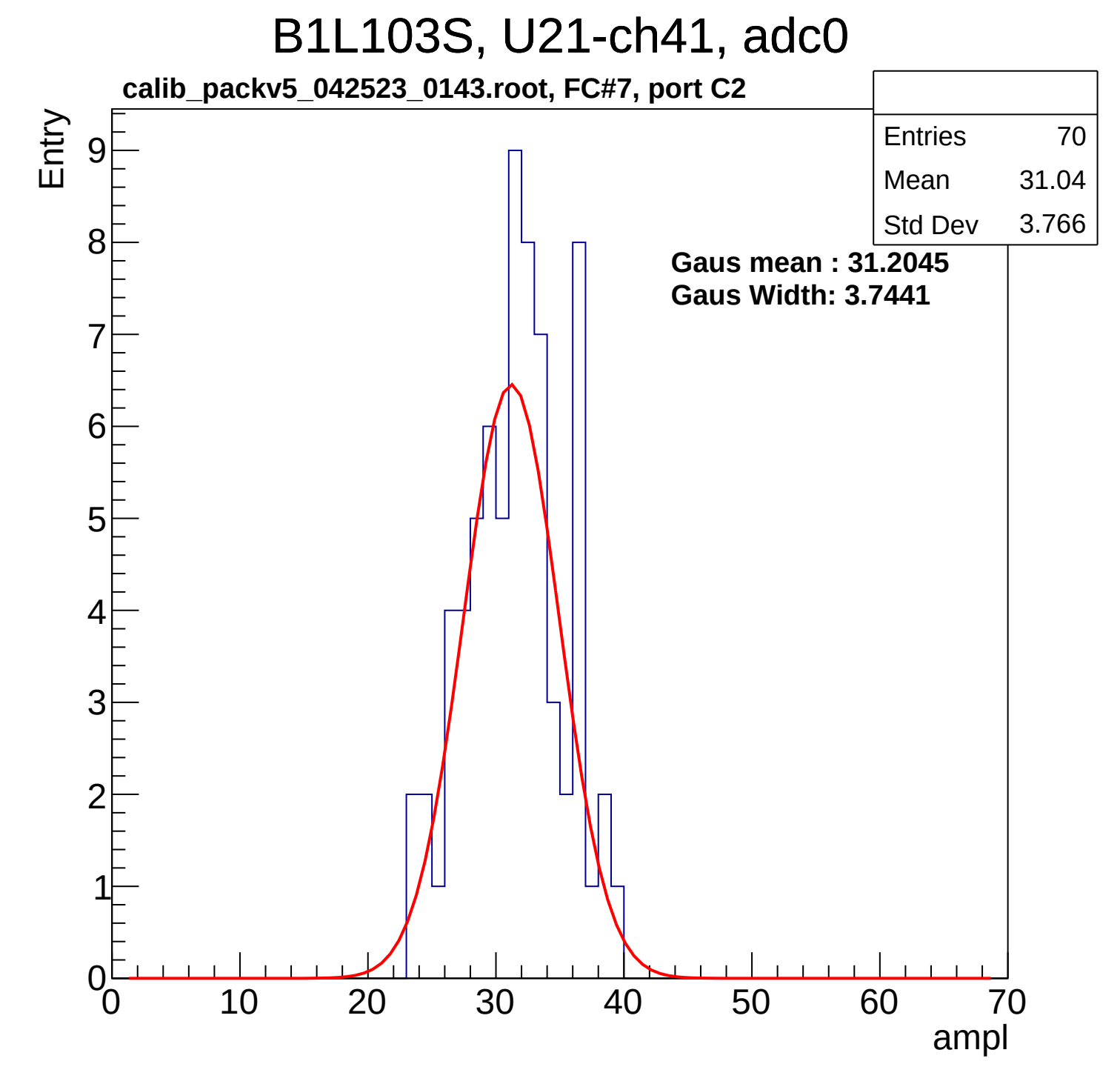
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

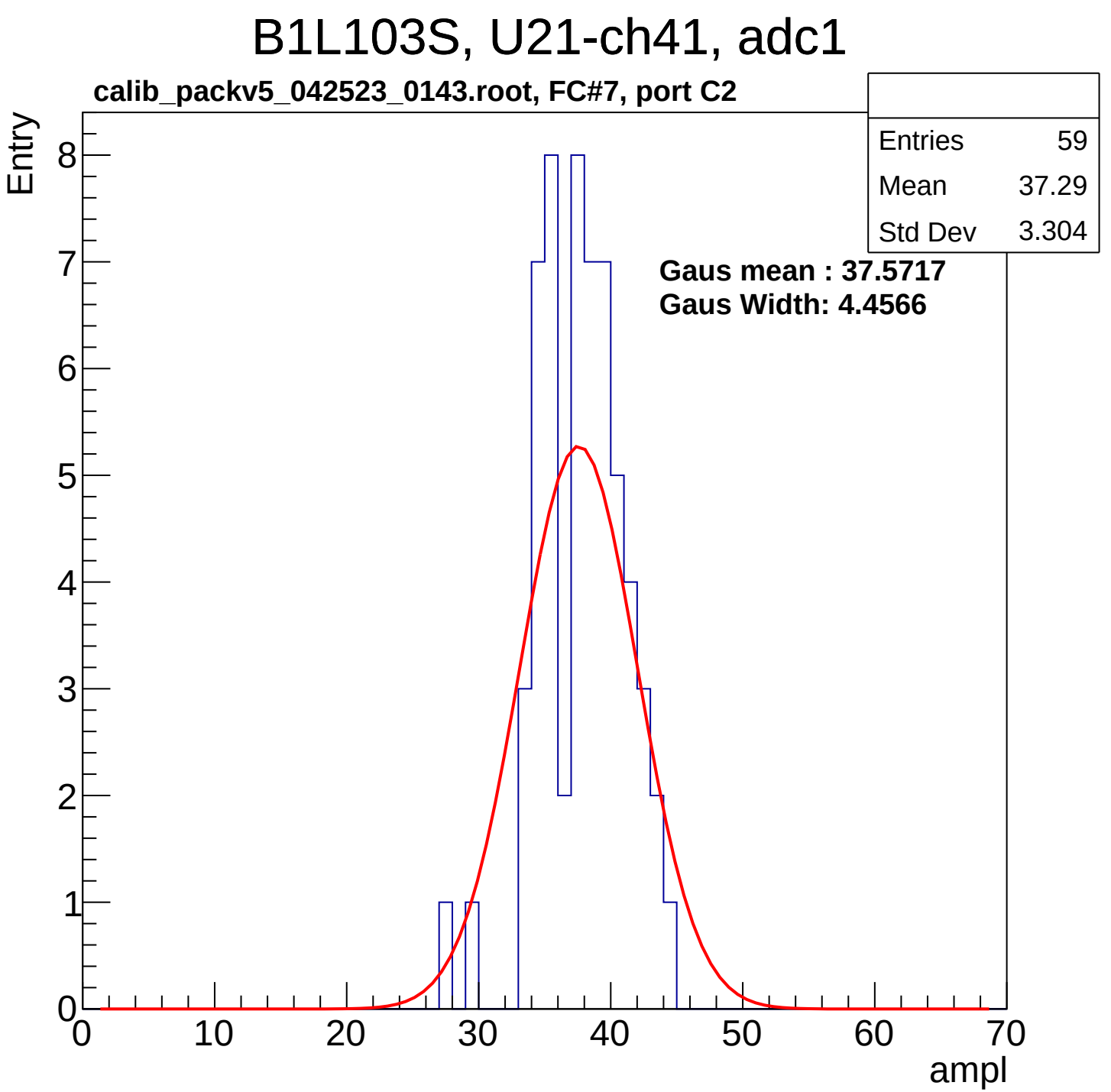

B1L103S, U21-ch40, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 53
Mean 55.34
Std Dev 3.821
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl

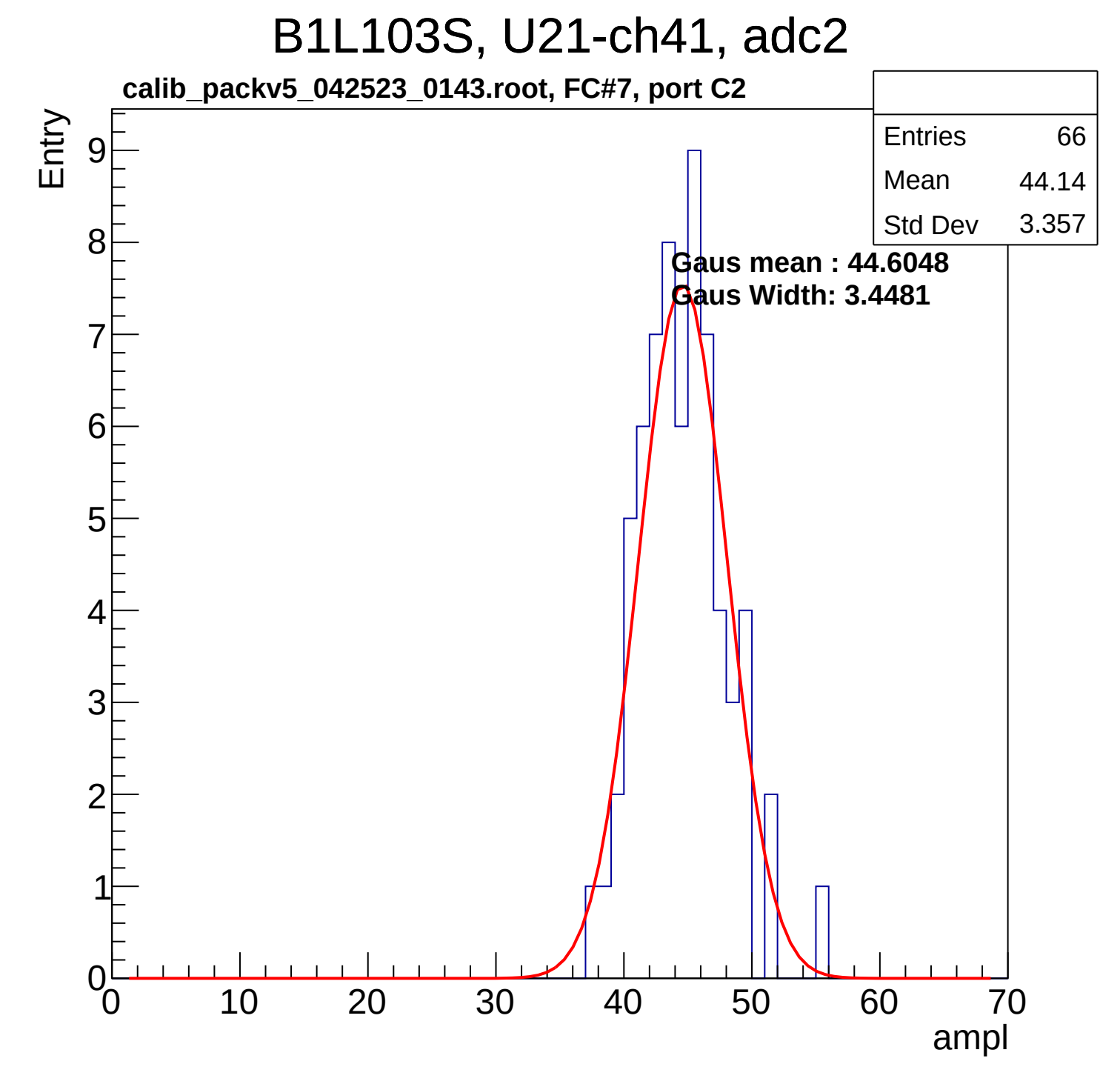

B1L103S, U21-ch40, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 59.59
Std Dev 2.755
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

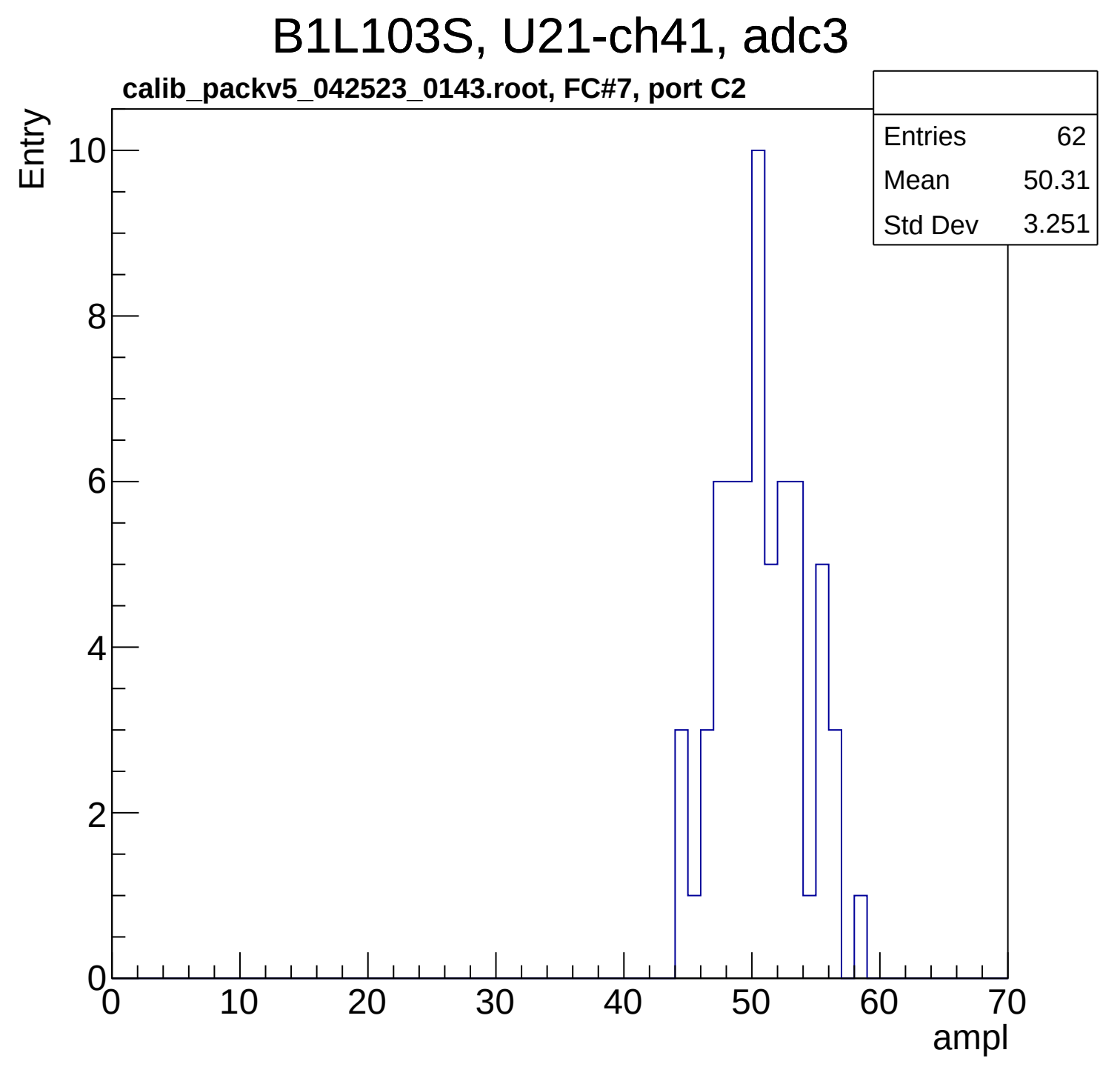

B1L103S, U21-ch40, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 49.4
Std Dev 24.74
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

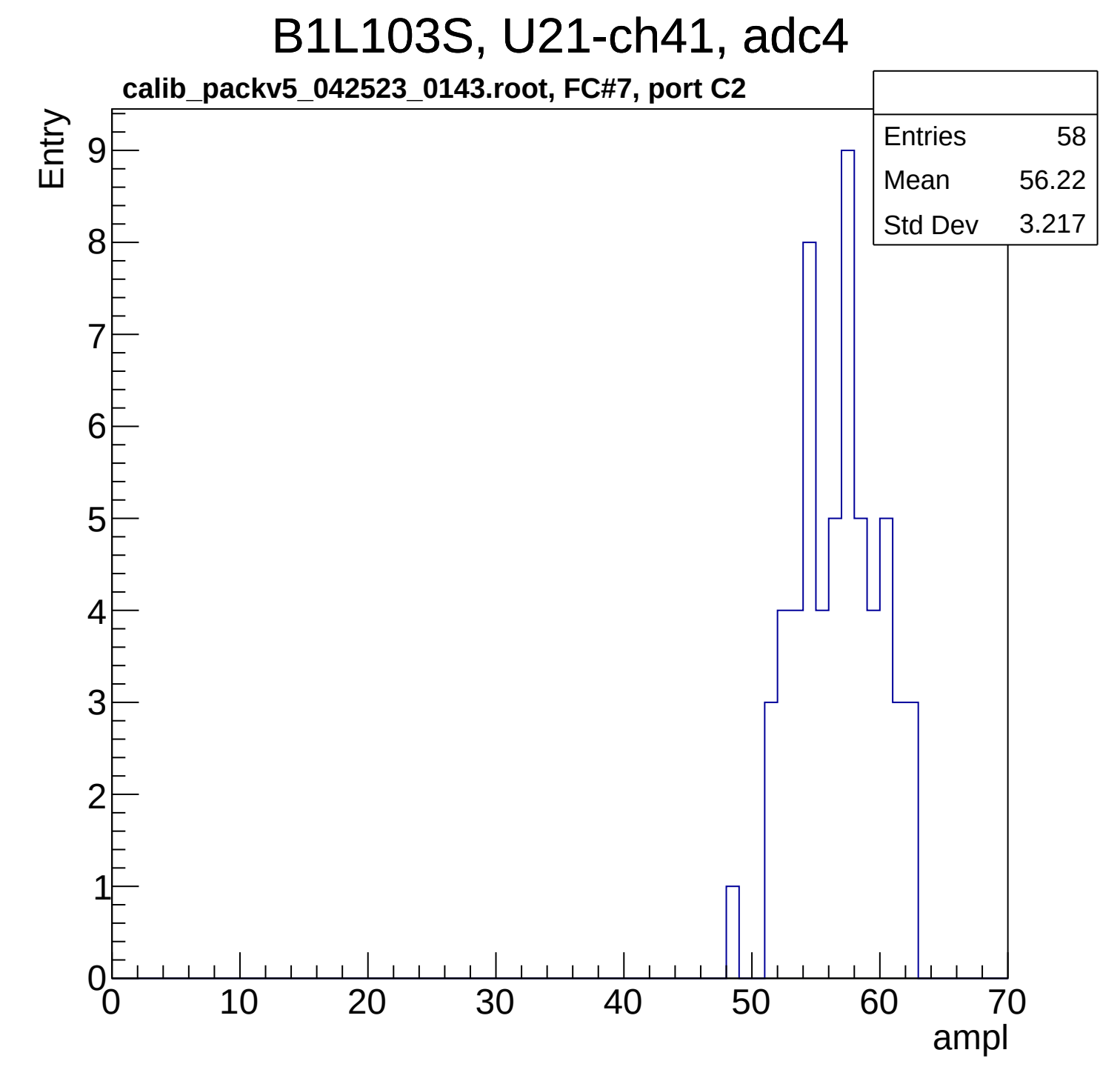

B1L103S, U21-ch40, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 59
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch41, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 31.04
Std Dev 3.766
Gaus mean : 31.2045
Gaus Width: 3.7441
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch41, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 37.29
Std Dev 3.304
Gaus mean : 37.5717
Gaus Width: 4.4566
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch41, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 44.14
Std Dev 3.357
Gaus mean : 44.6048
Gaus Width: 3.4481
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch41, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 50.31
Std Dev 3.251
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch41, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 56.22
Std Dev 3.217
Entry
ampl
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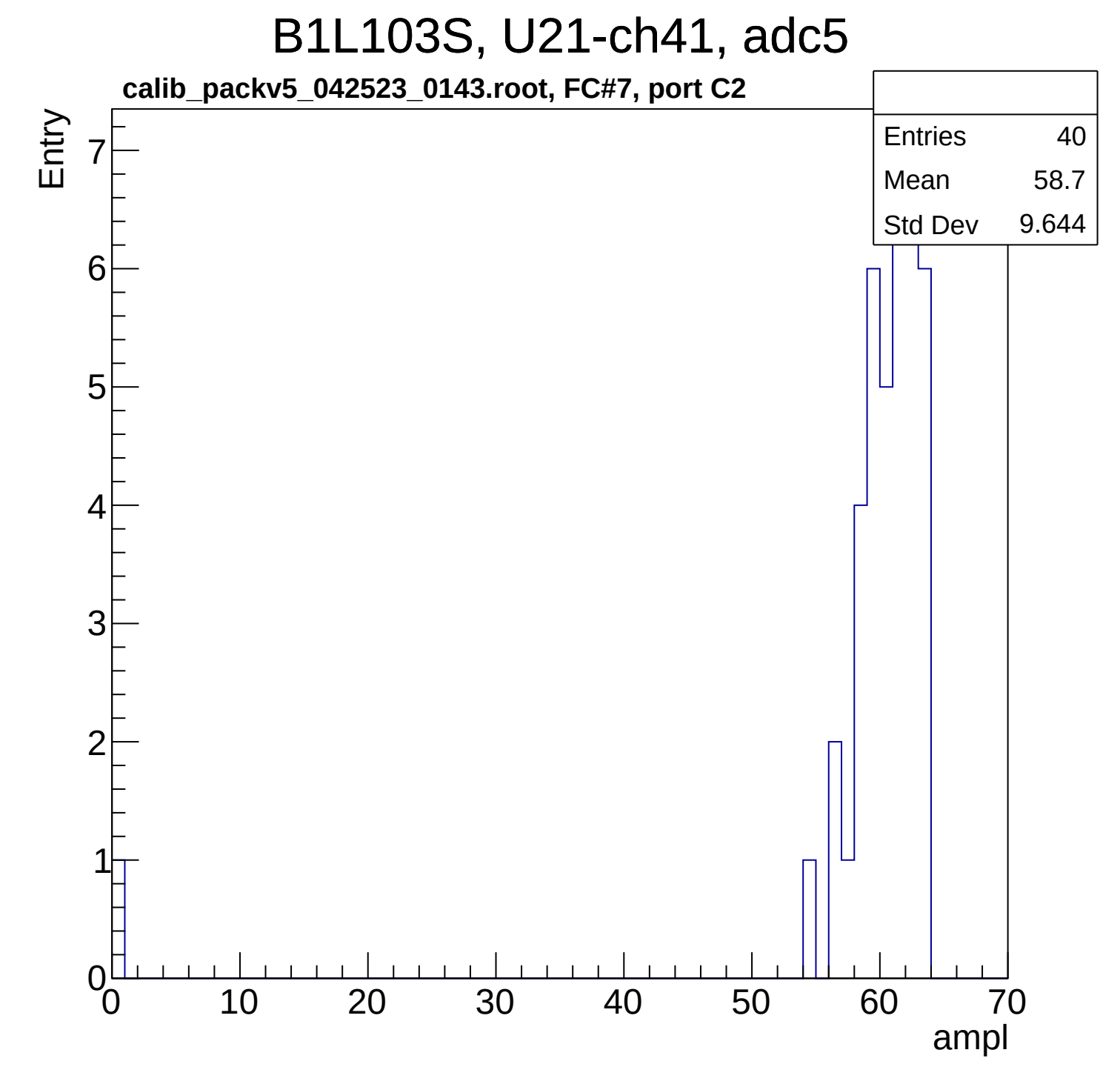
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch41, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 40
Mean 58.7
Std Dev 9.644
Entry
ampl
0
1
2
3
4
5
6
7
0
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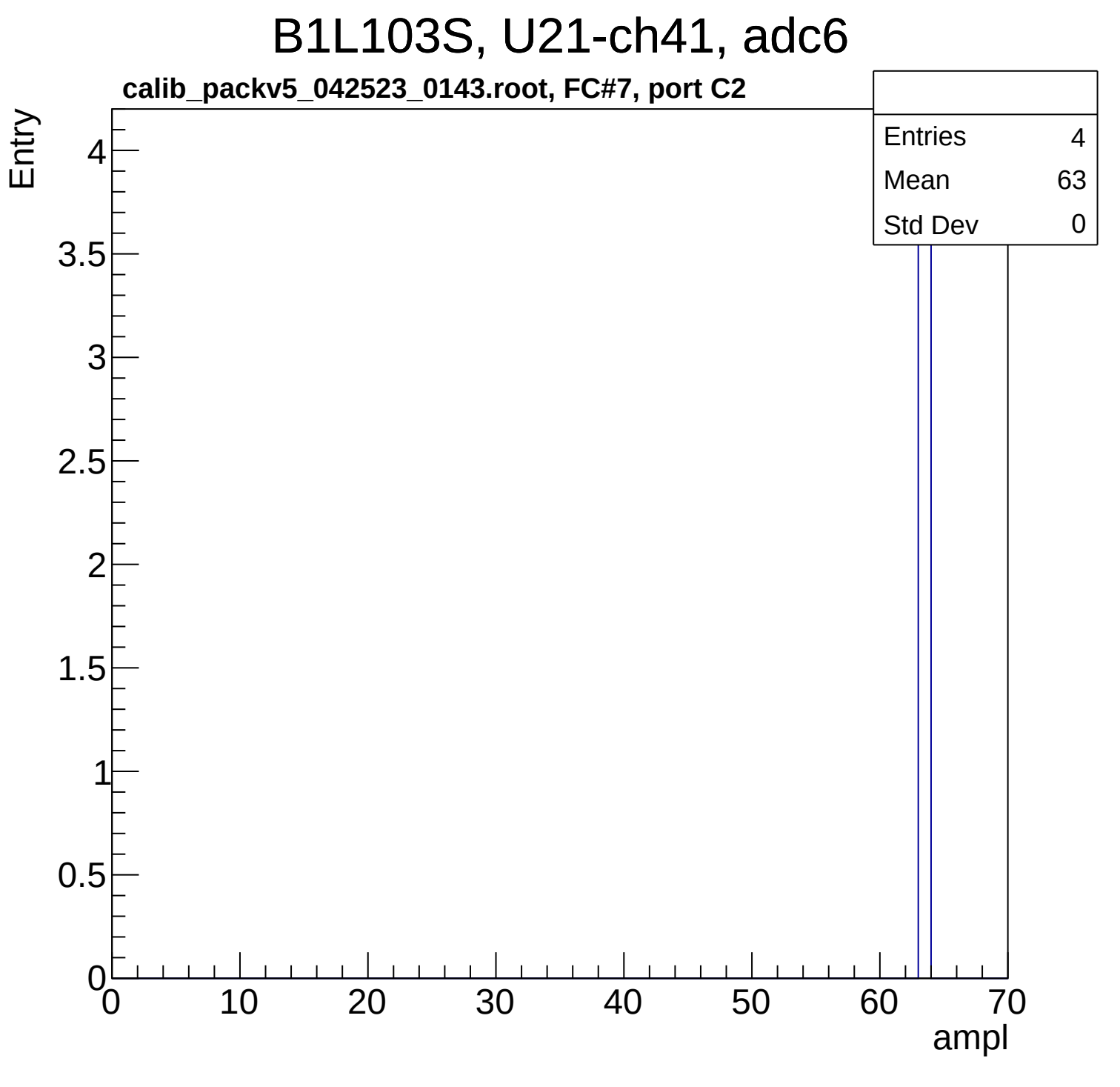
20
30
40
50
60
70


B1L103S, U21-ch41, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 4
Mean 63
Std Dev 0
Entry
ampl
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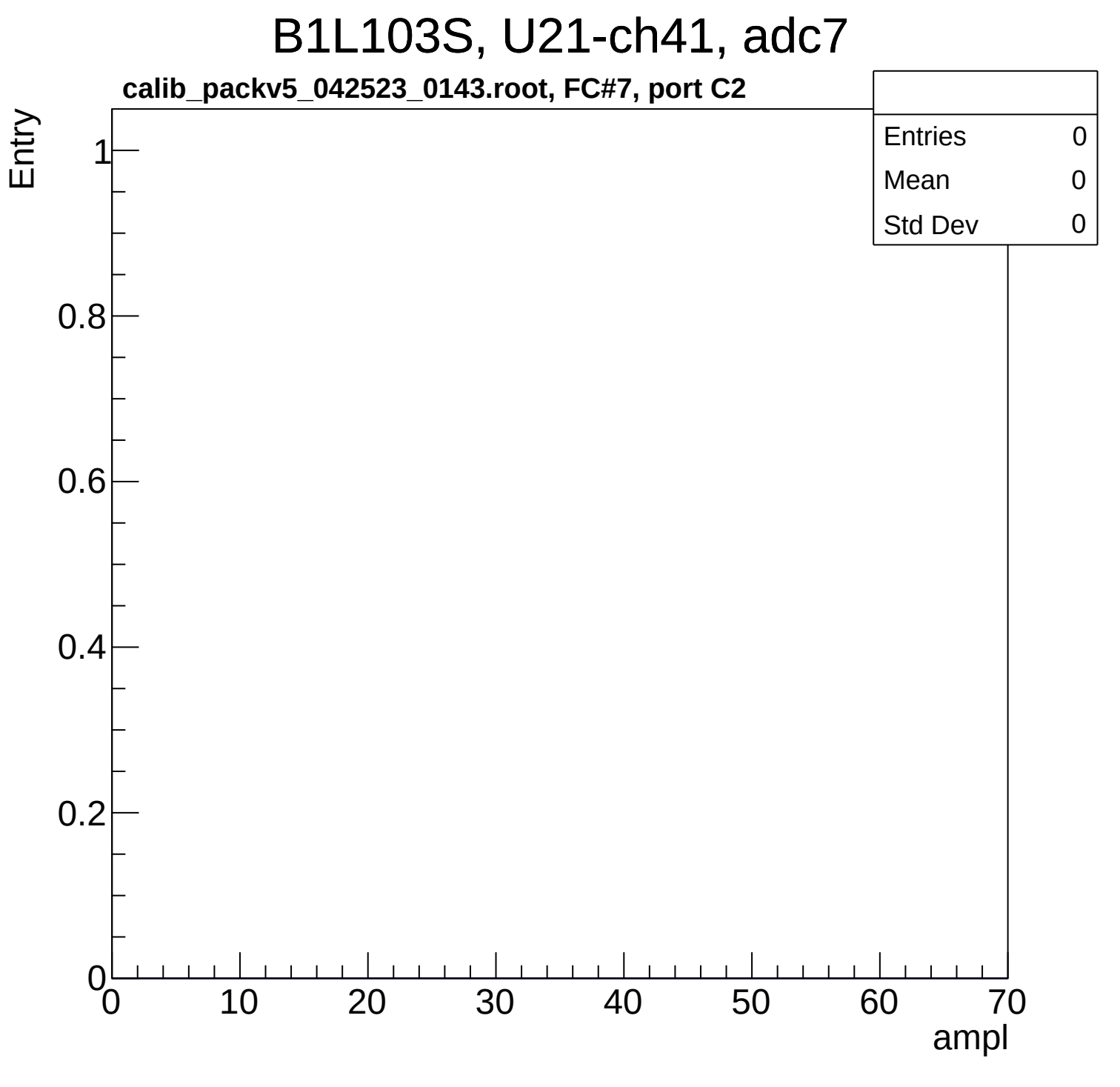
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L103S, U21-ch41, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
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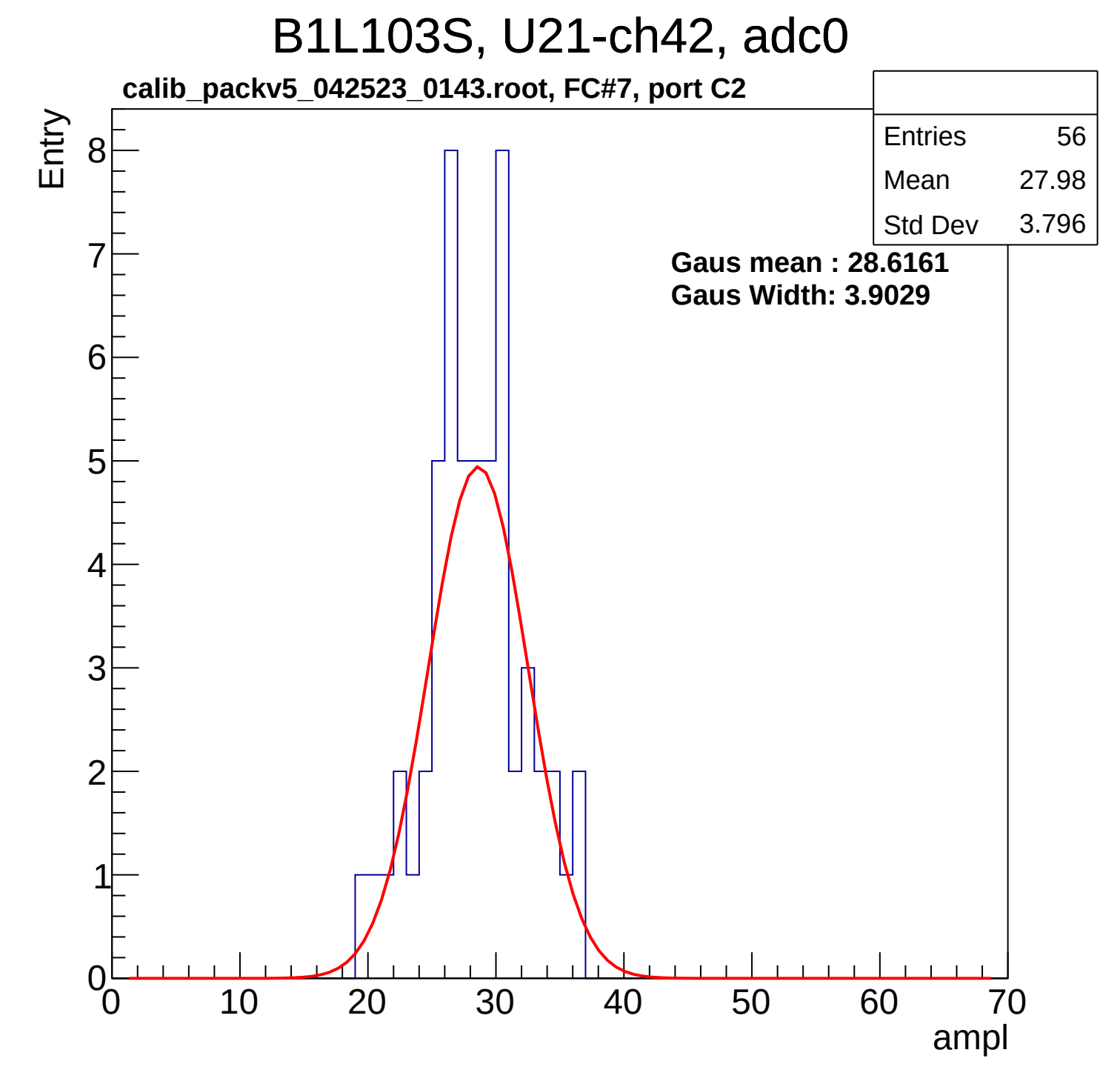
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch42, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 27.98
Std Dev 3.796
Gaus mean : 28.6161
Gaus Width: 3.9029
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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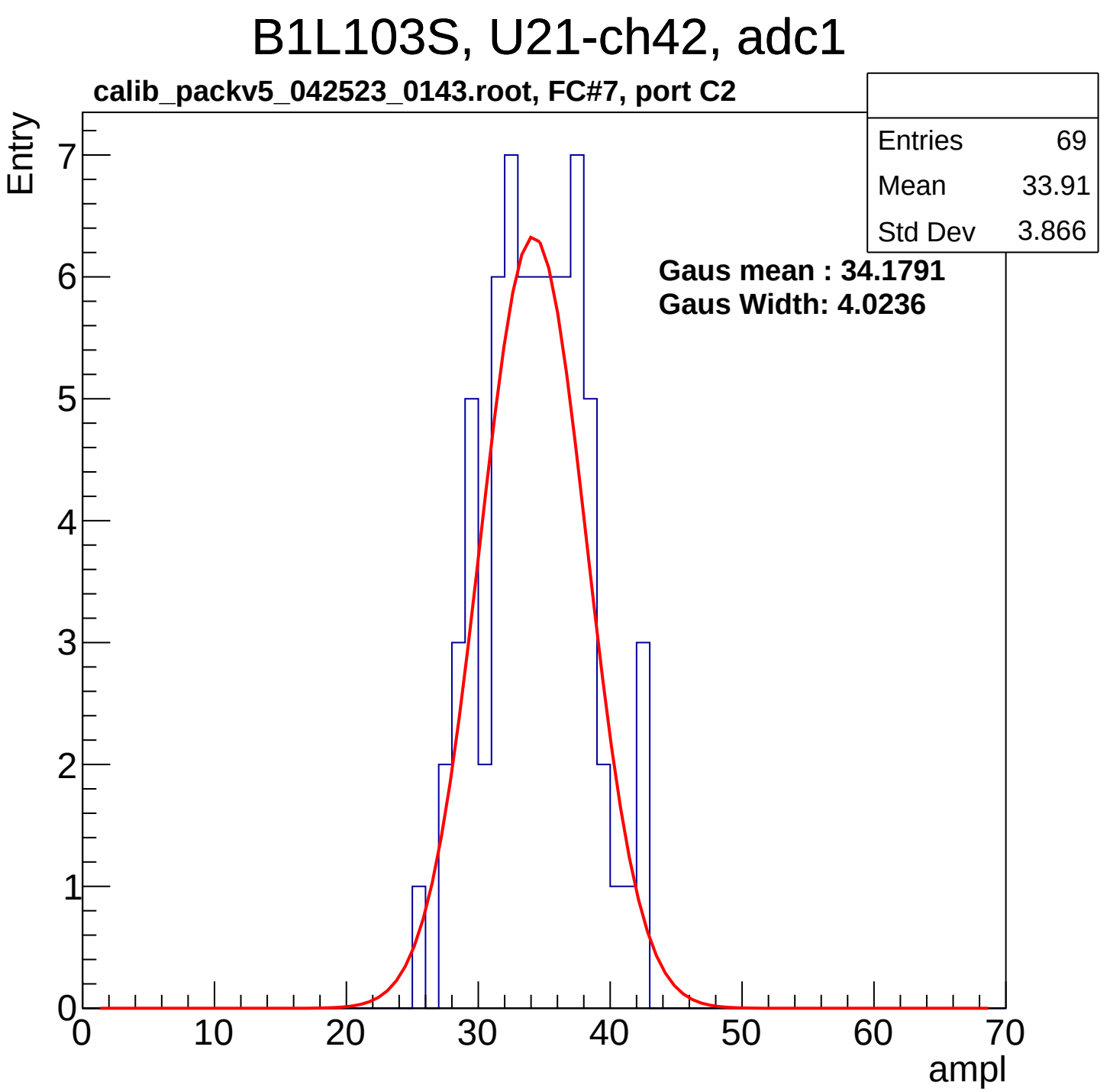
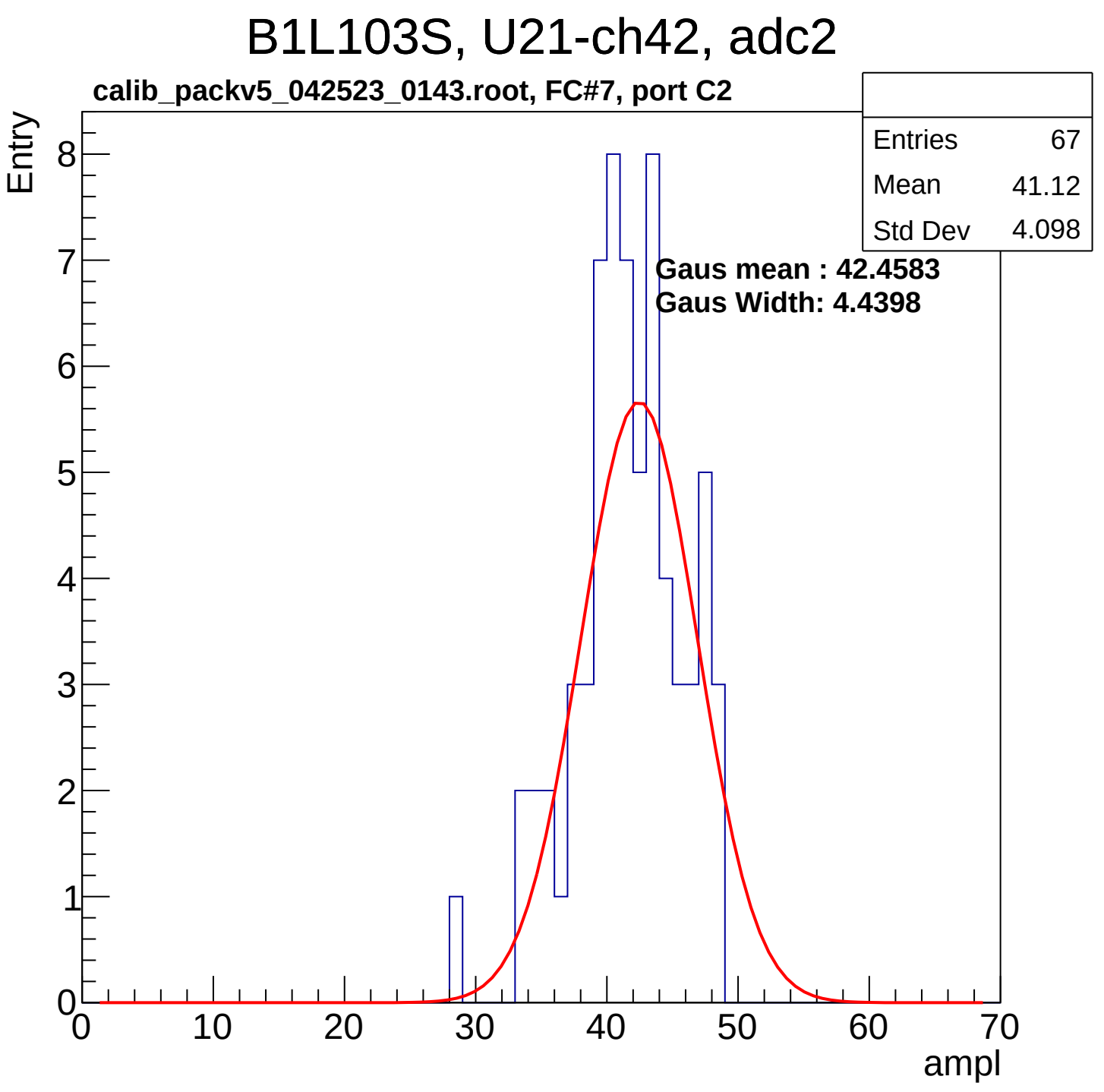
40
50
60
70


B1L103S, U21-ch42, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 33.91
Std Dev 3.866
Gaus mean : 34.1791
Gaus Width: 4.0236
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch42, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 41.12
Std Dev 4.098
Gaus mean : 42.4583
Gaus Width: 4.4398
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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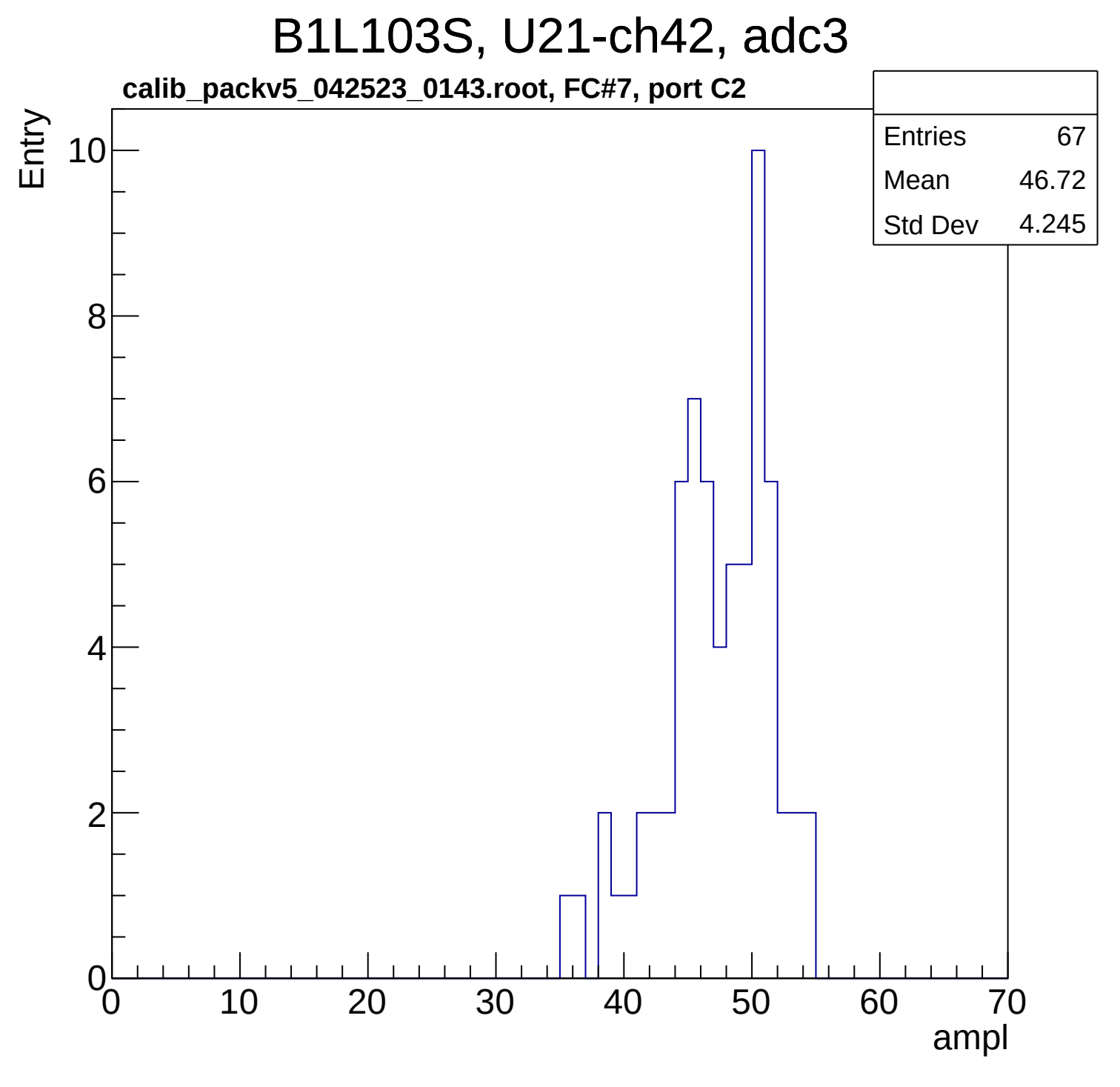
40
50
60
70


B1L103S, U21-ch42, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 46.72
Std Dev 4.245
Entry
ampl
0
2
4
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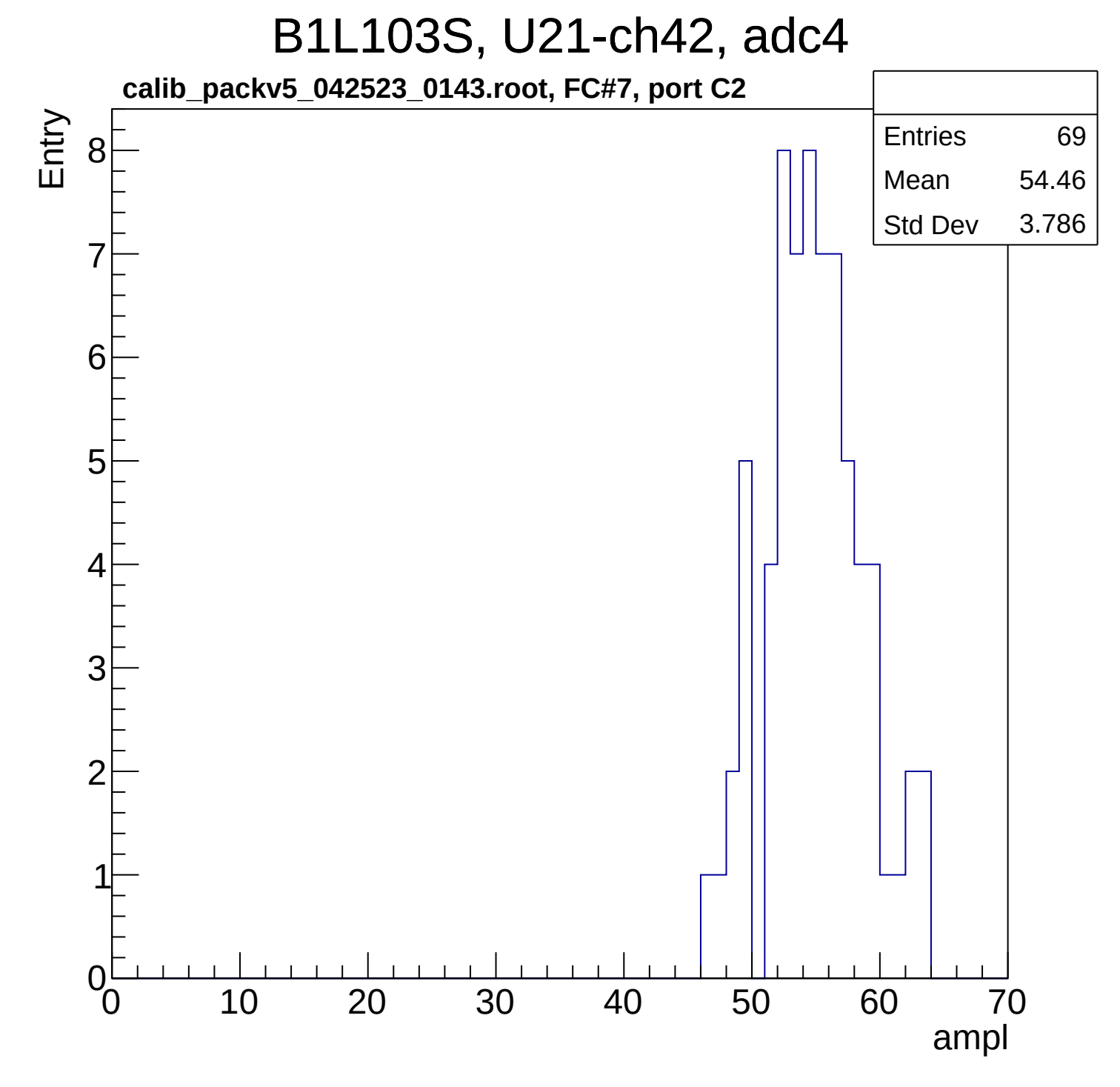
B1L103S, U21-ch42, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 54.46
Std Dev 3.786
Entry
ampl
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5
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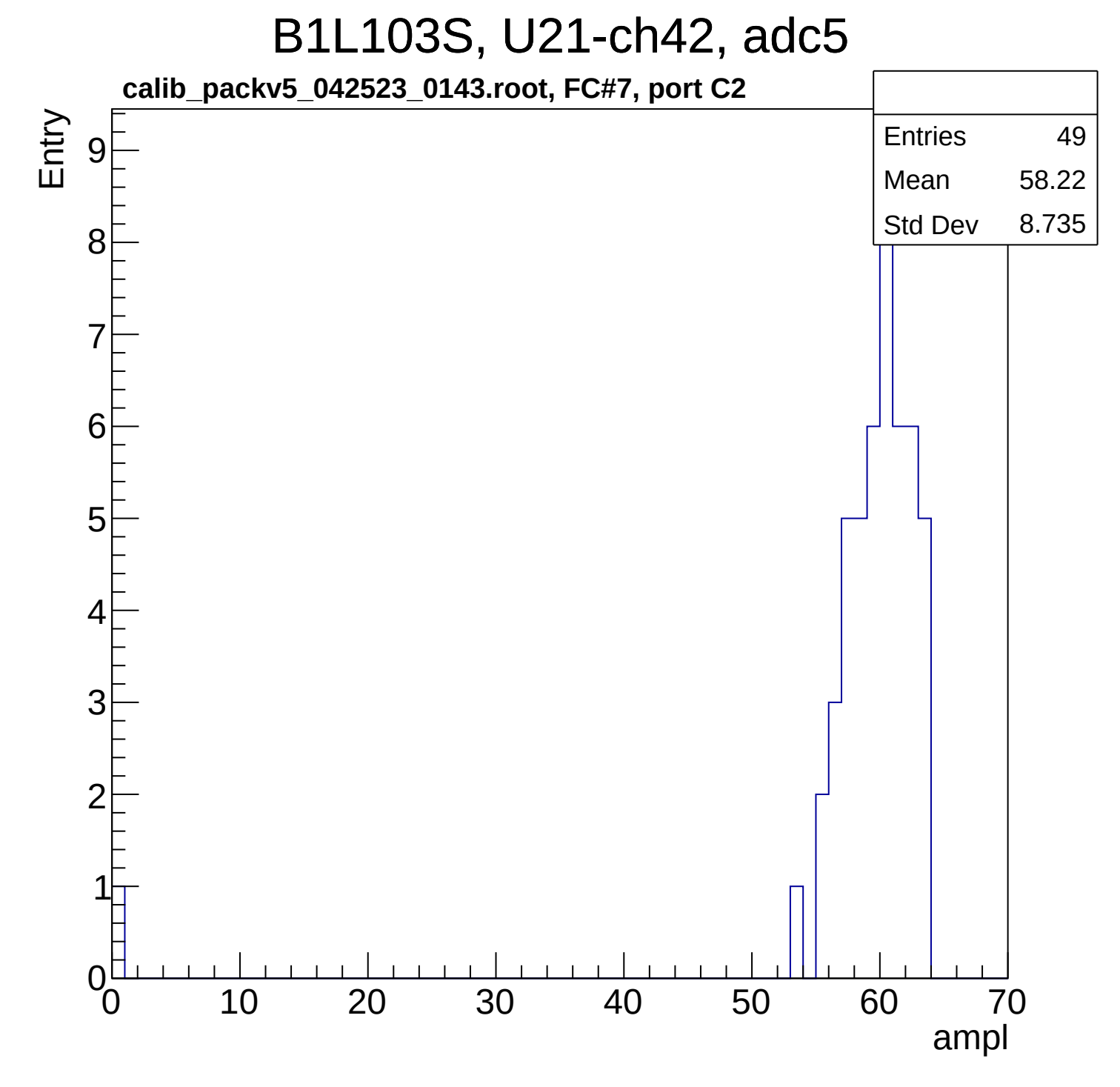
B1L103S, U21-ch42, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 58.22
Std Dev 8.735
Entry
ampl
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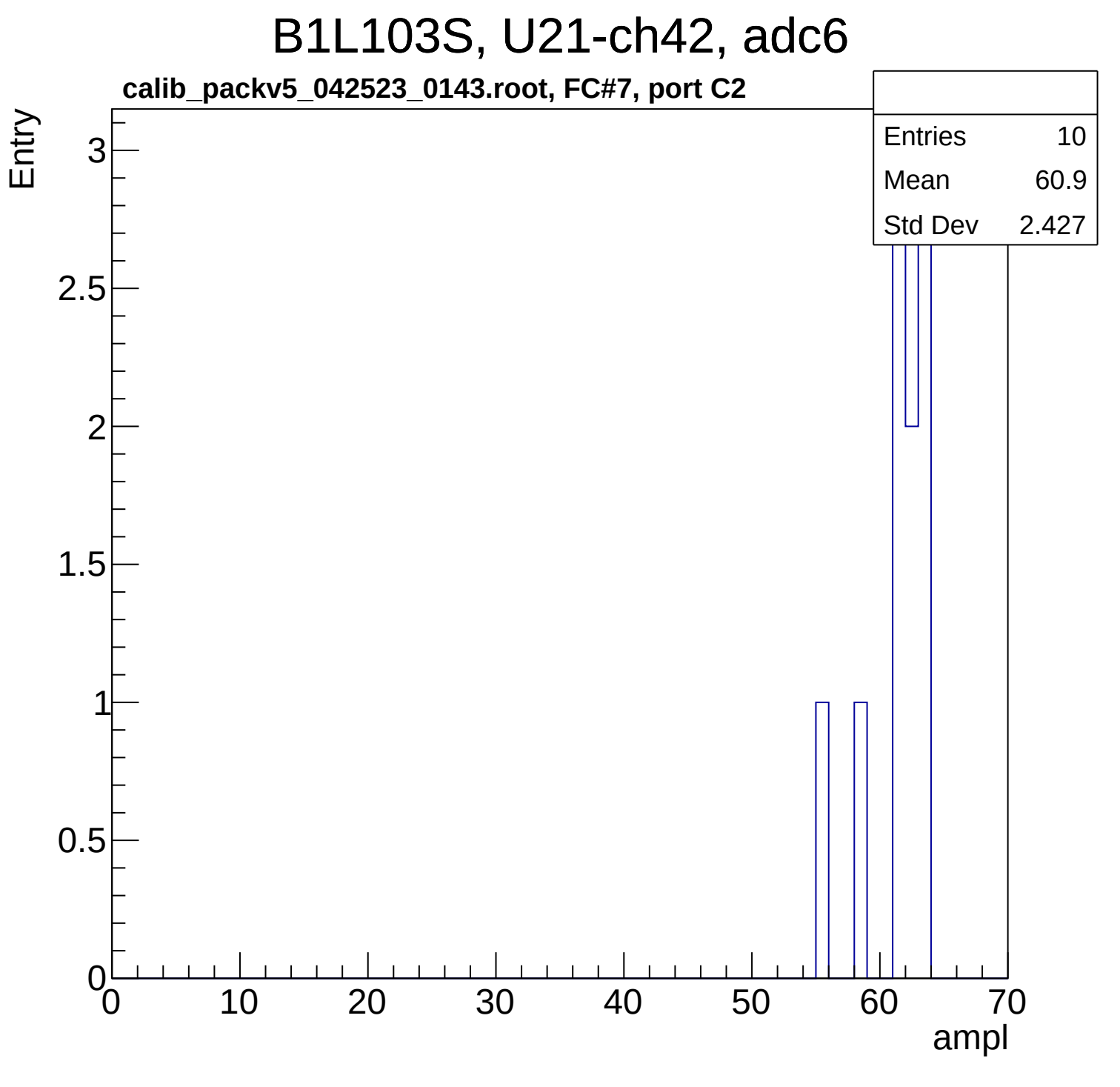
B1L103S, U21-ch42, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 10
Mean 60.9
Std Dev 2.427
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
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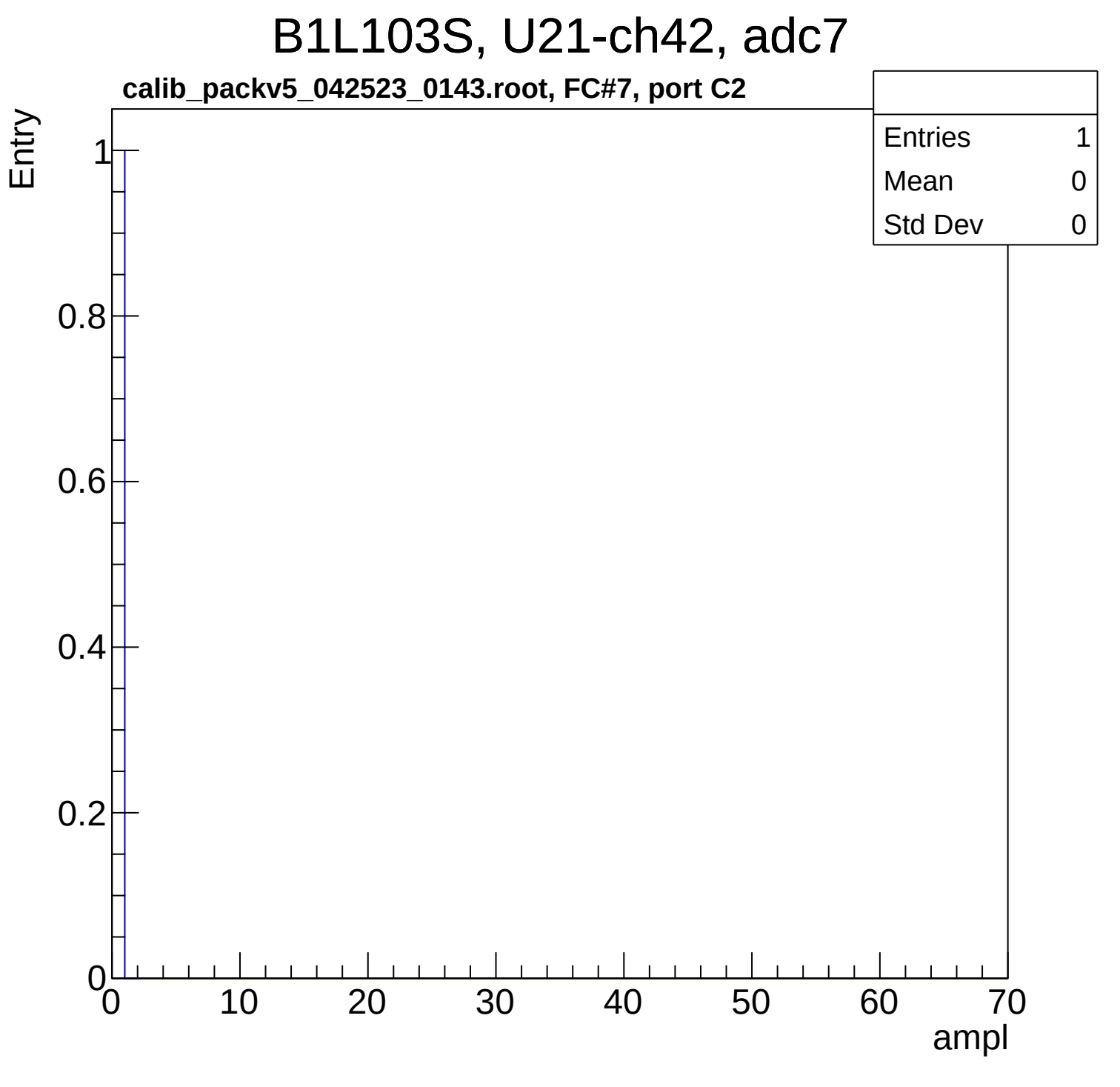
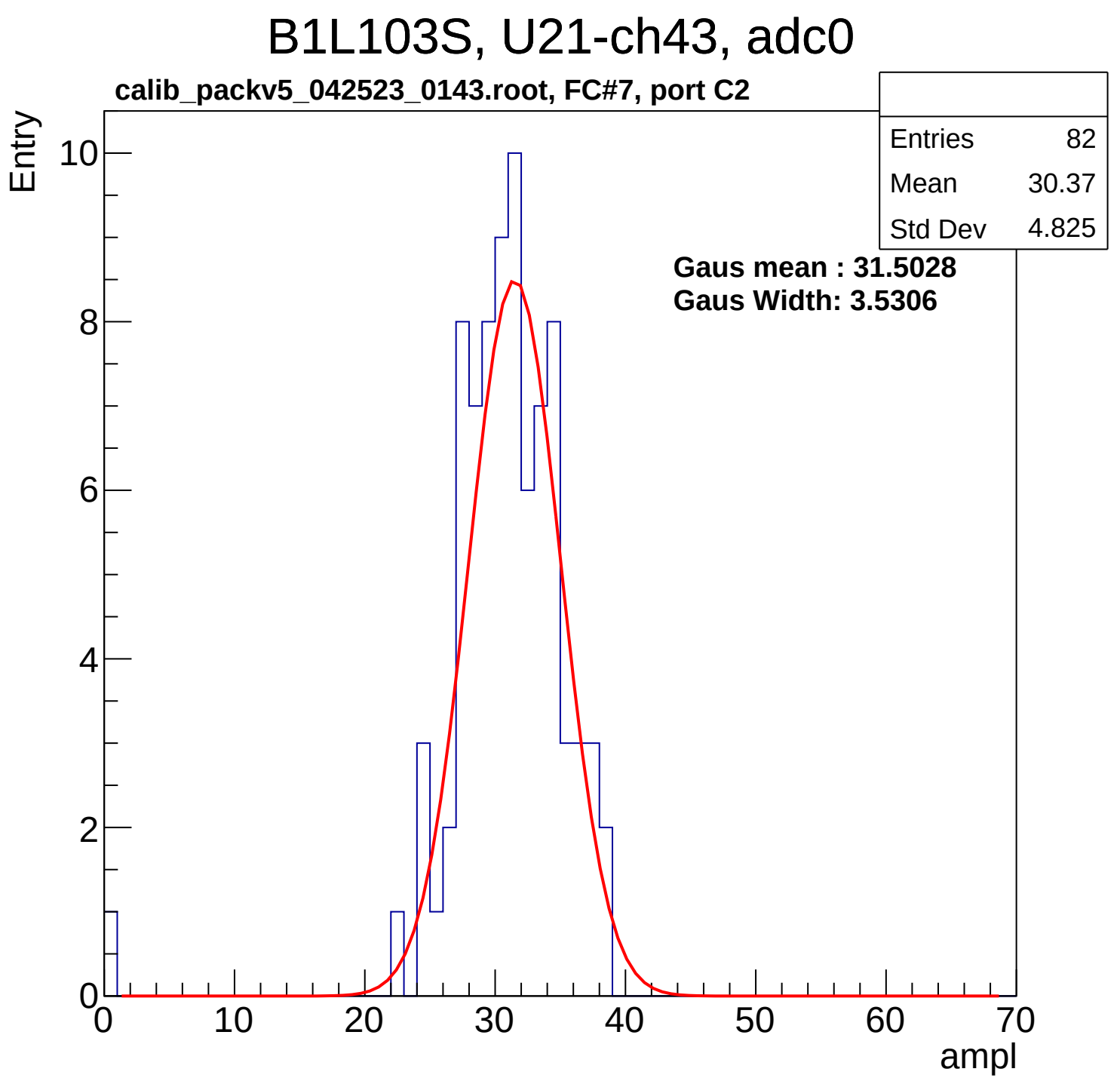

B1L103S, U21-ch42, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch43, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 82
Mean 30.37
Std Dev 4.825
Gaus mean : 31.5028
Gaus Width: 3.5306
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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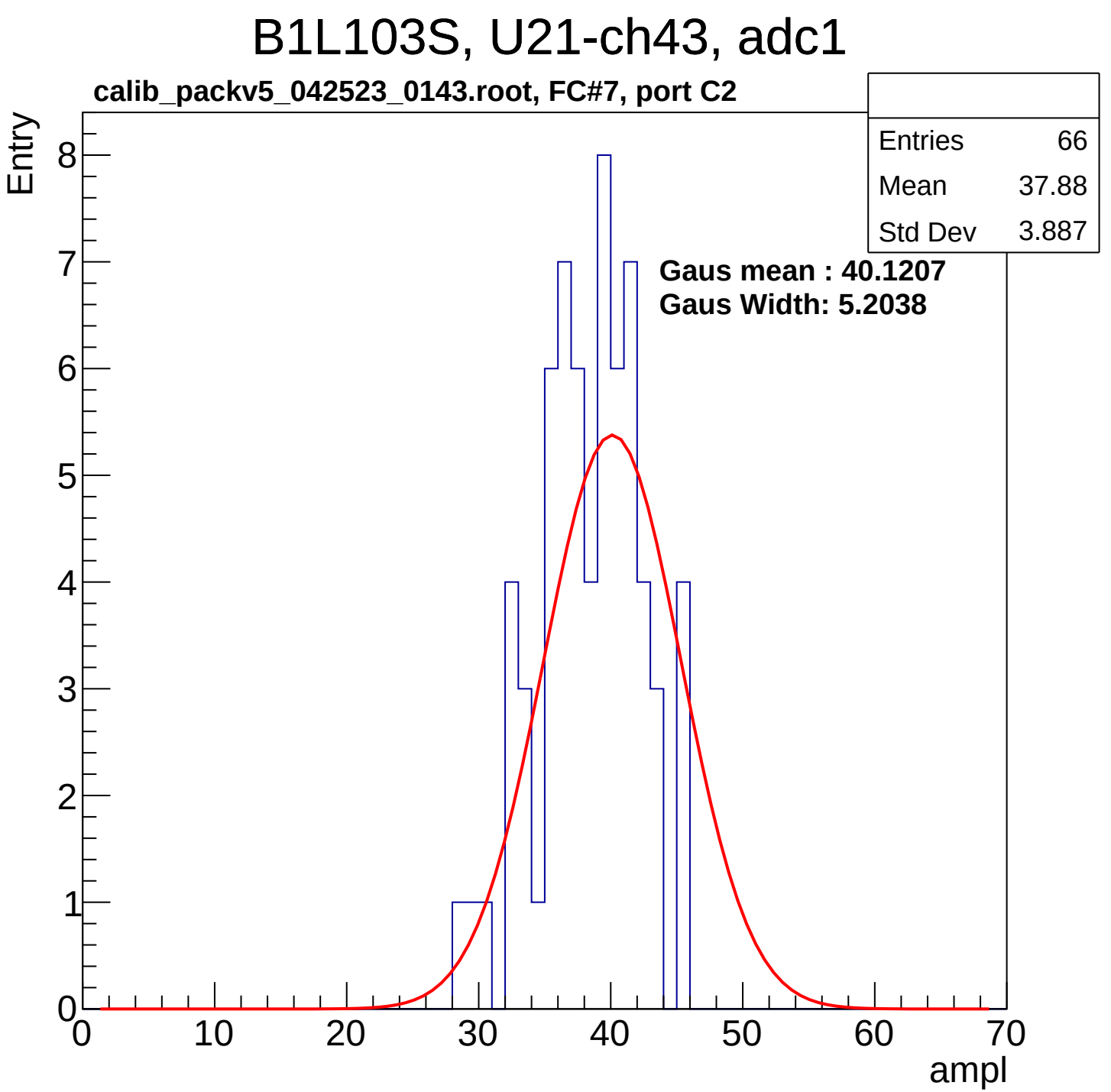
B1L103S, U21-ch43, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 37.88
Std Dev 3.887
Gaus mean : 40.1207
Gaus Width: 5.2038
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
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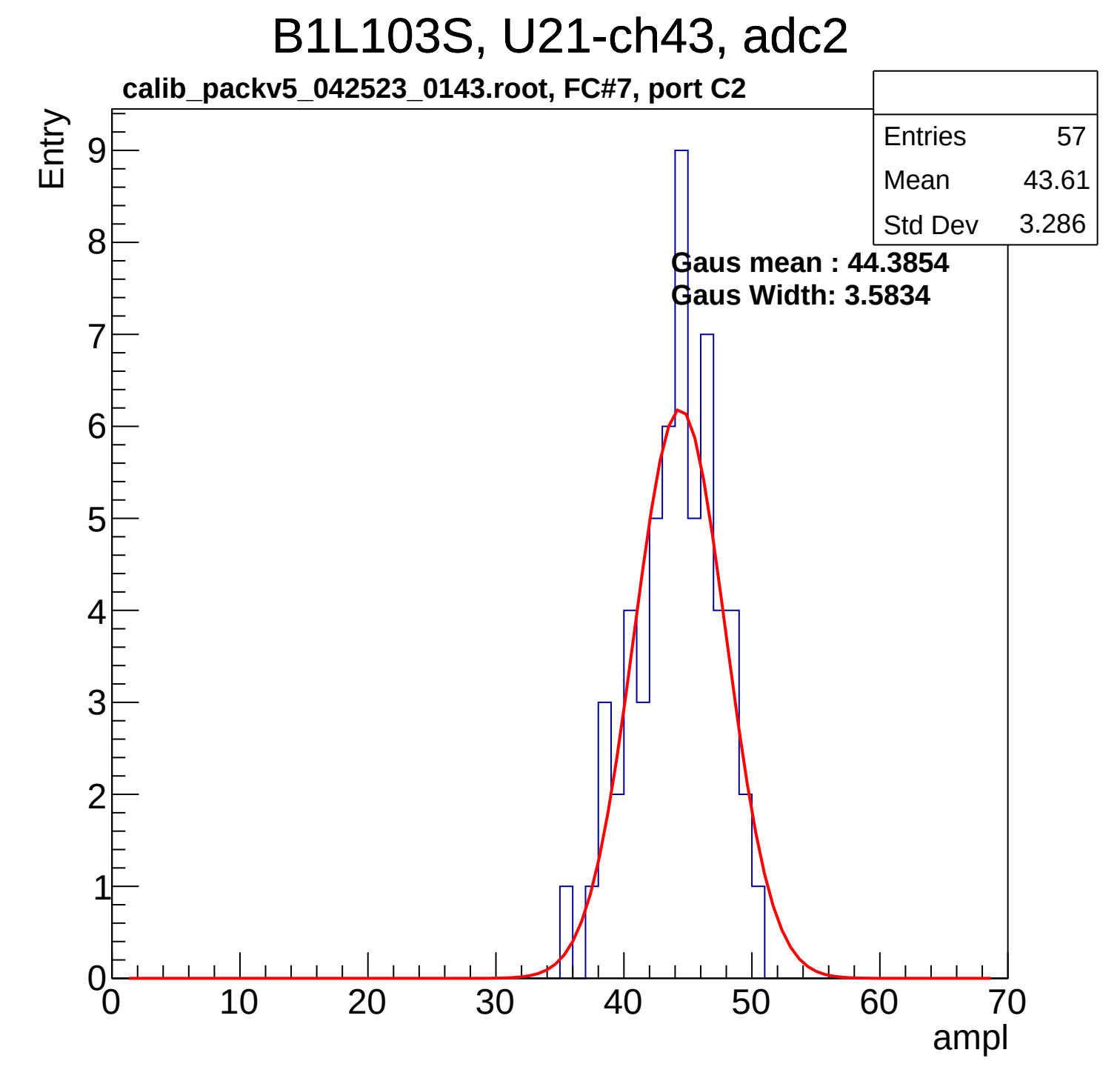
B1L103S, U21-ch43, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 43.61
Std Dev 3.286
Gaus mean : 44.3854
Gaus Width: 3.5834
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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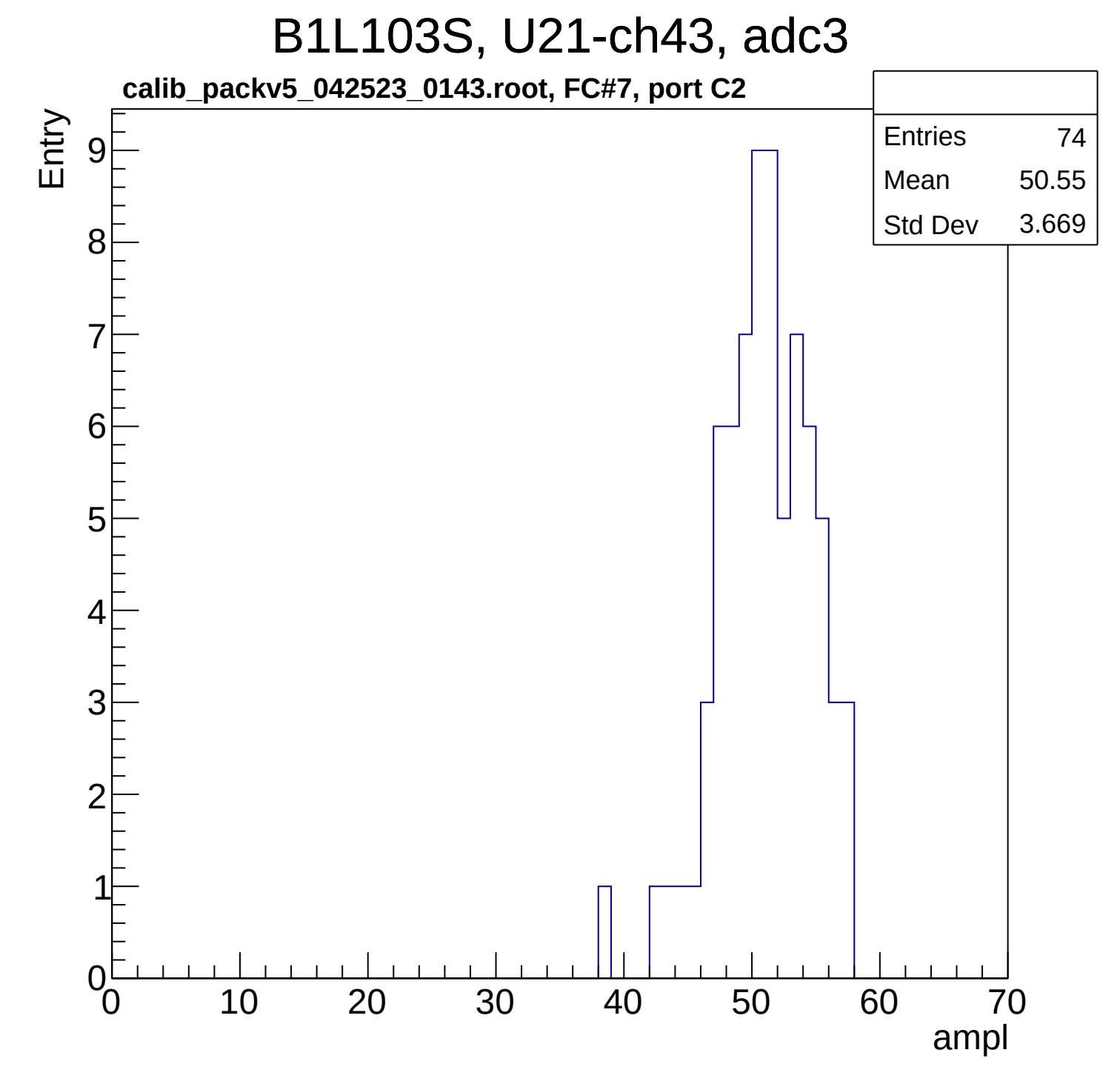
B1L103S, U21-ch43, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 50.55
Std Dev 3.669
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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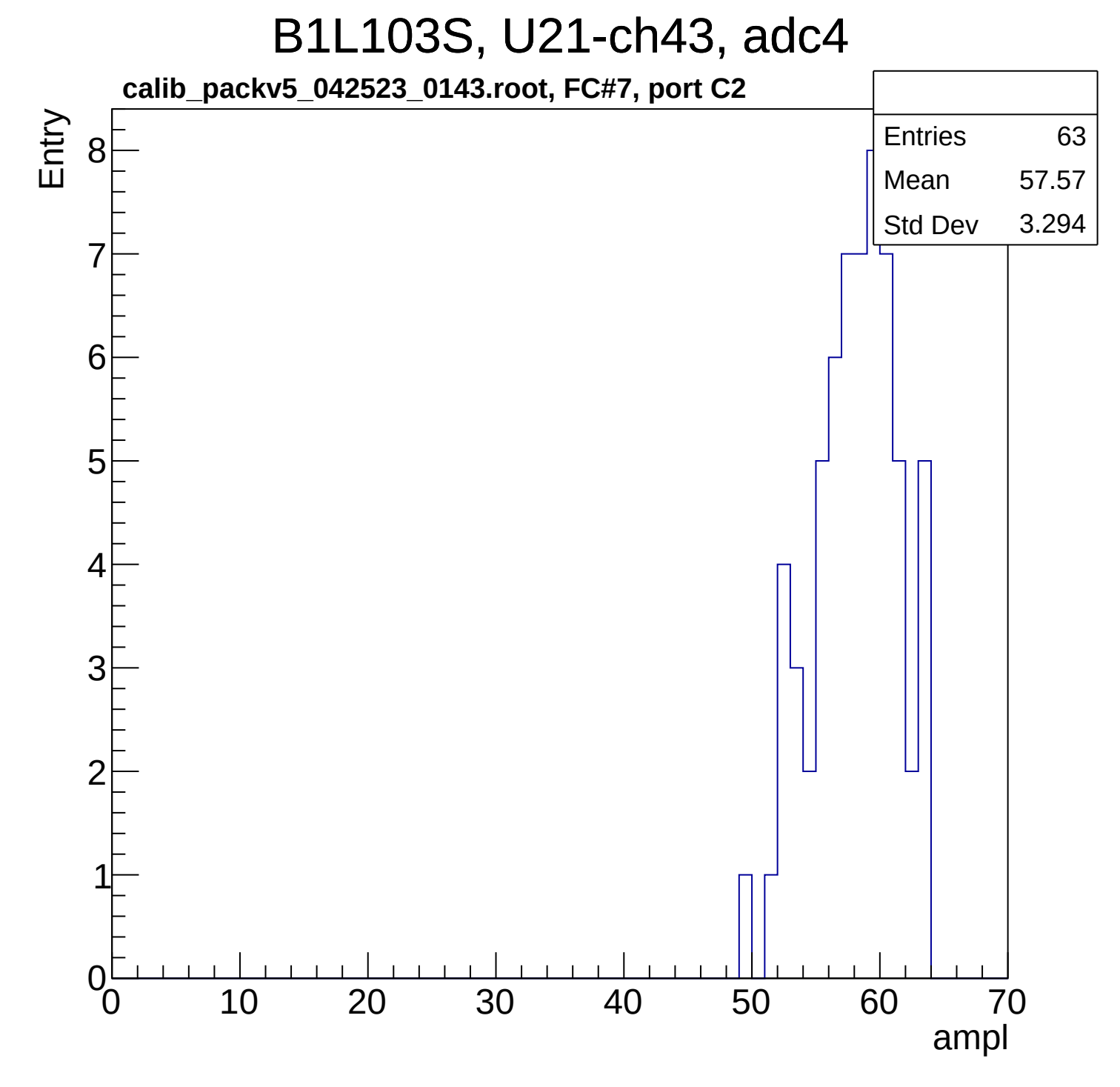
B1L103S, U21-ch43, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 57.57
Std Dev 3.294
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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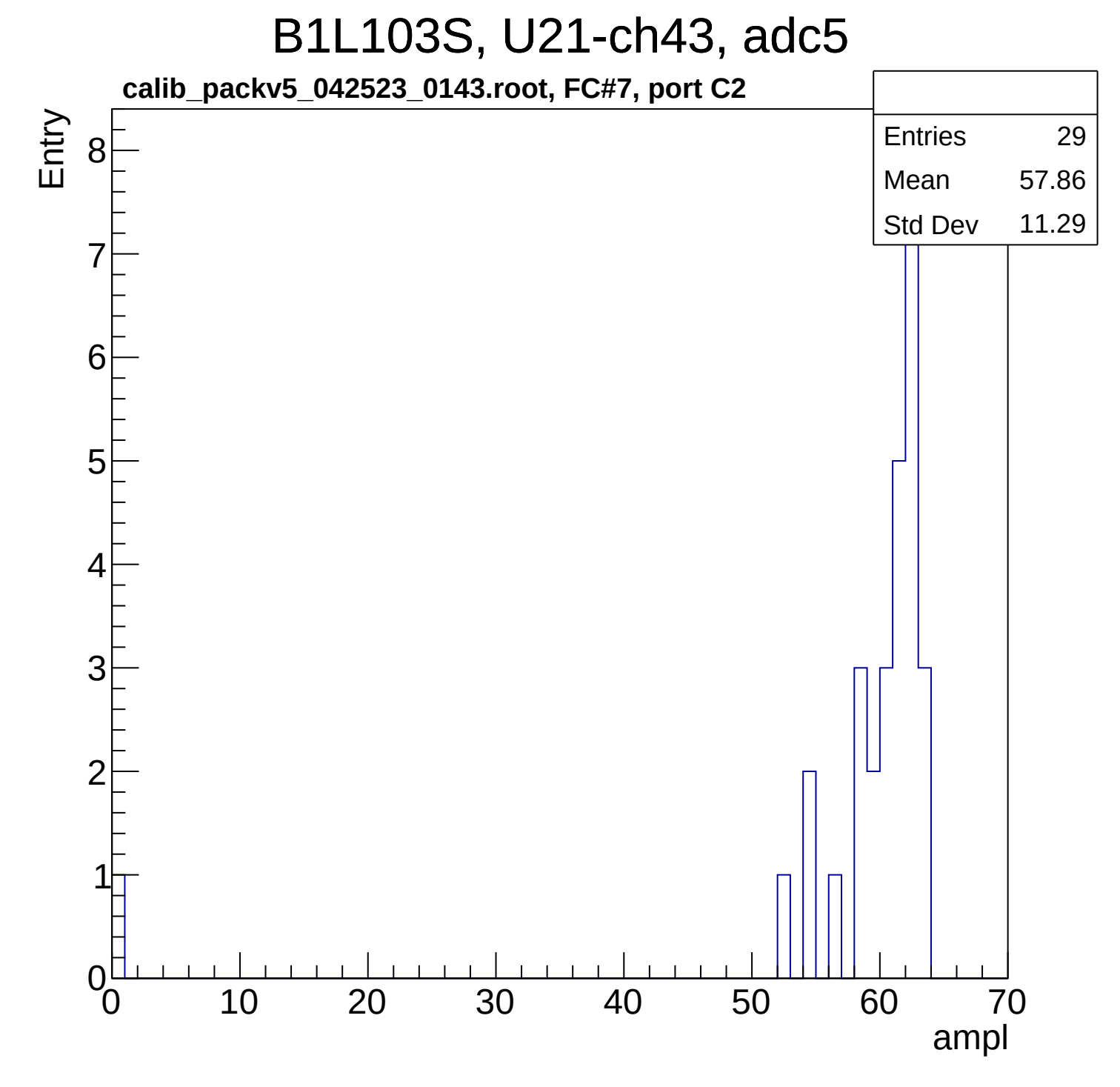
B1L103S, U21-ch43, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 29
Mean 57.86
Std Dev 11.29
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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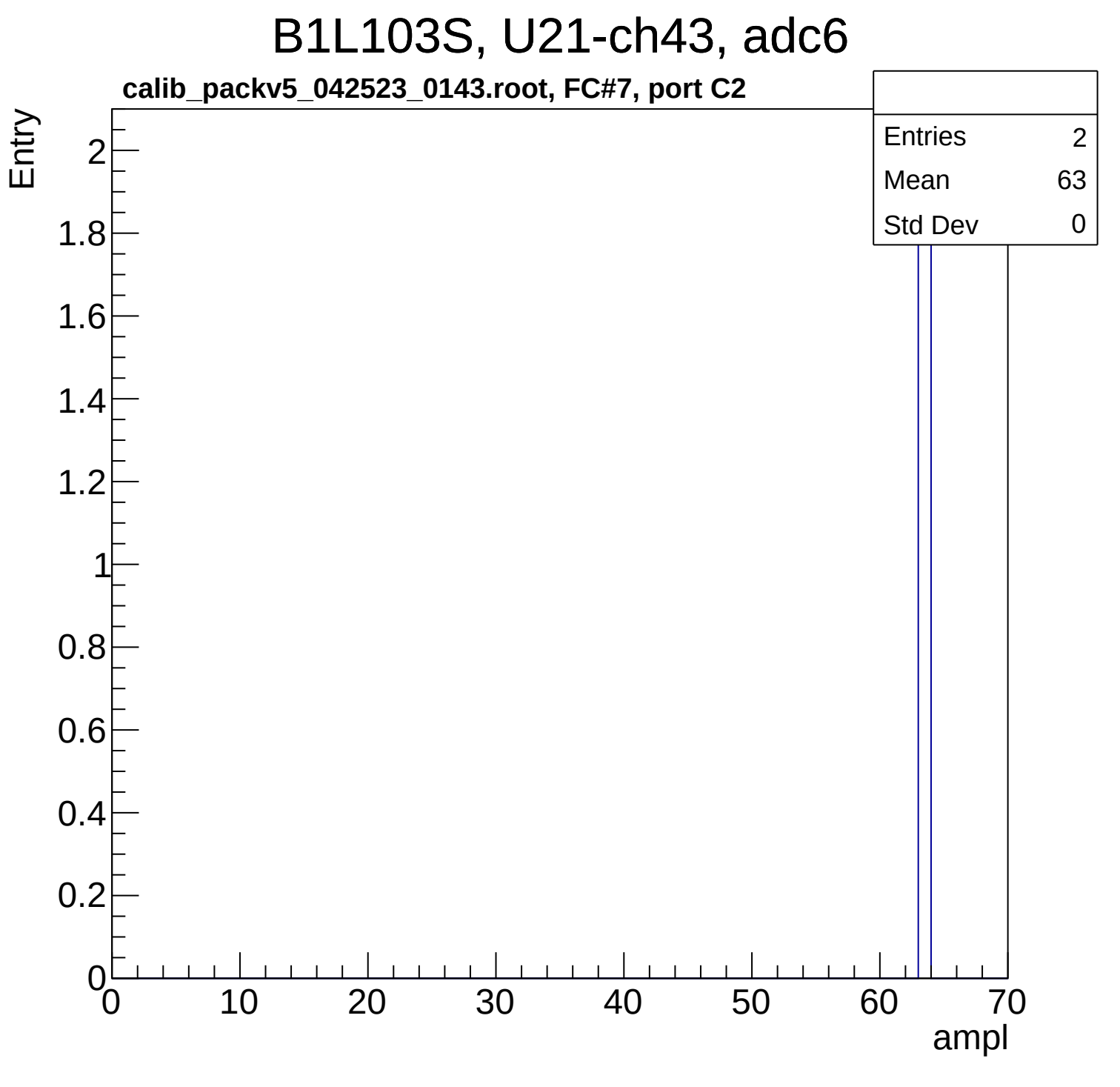
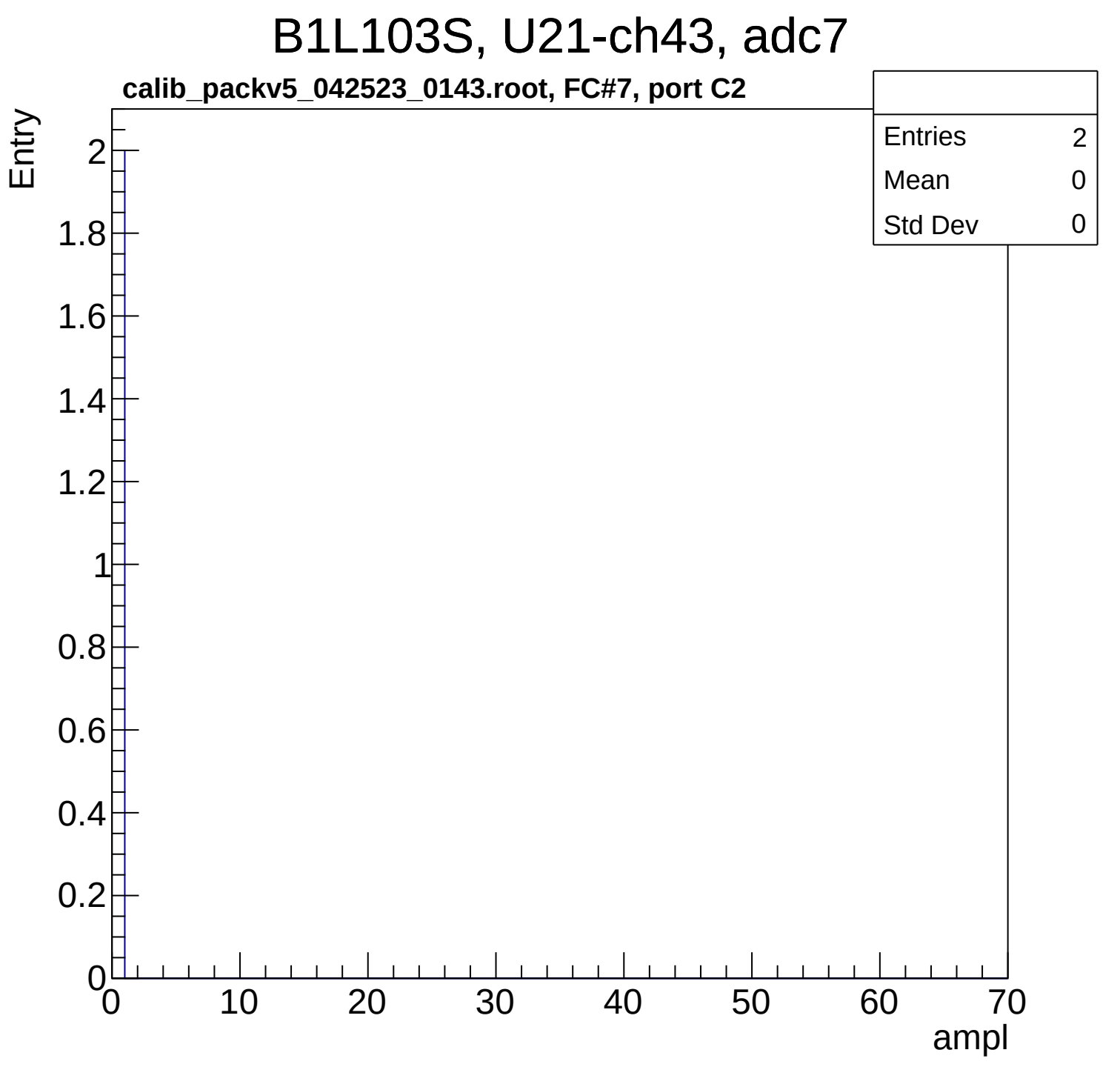

B1L103S, U21-ch43, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L103S, U21-ch43, 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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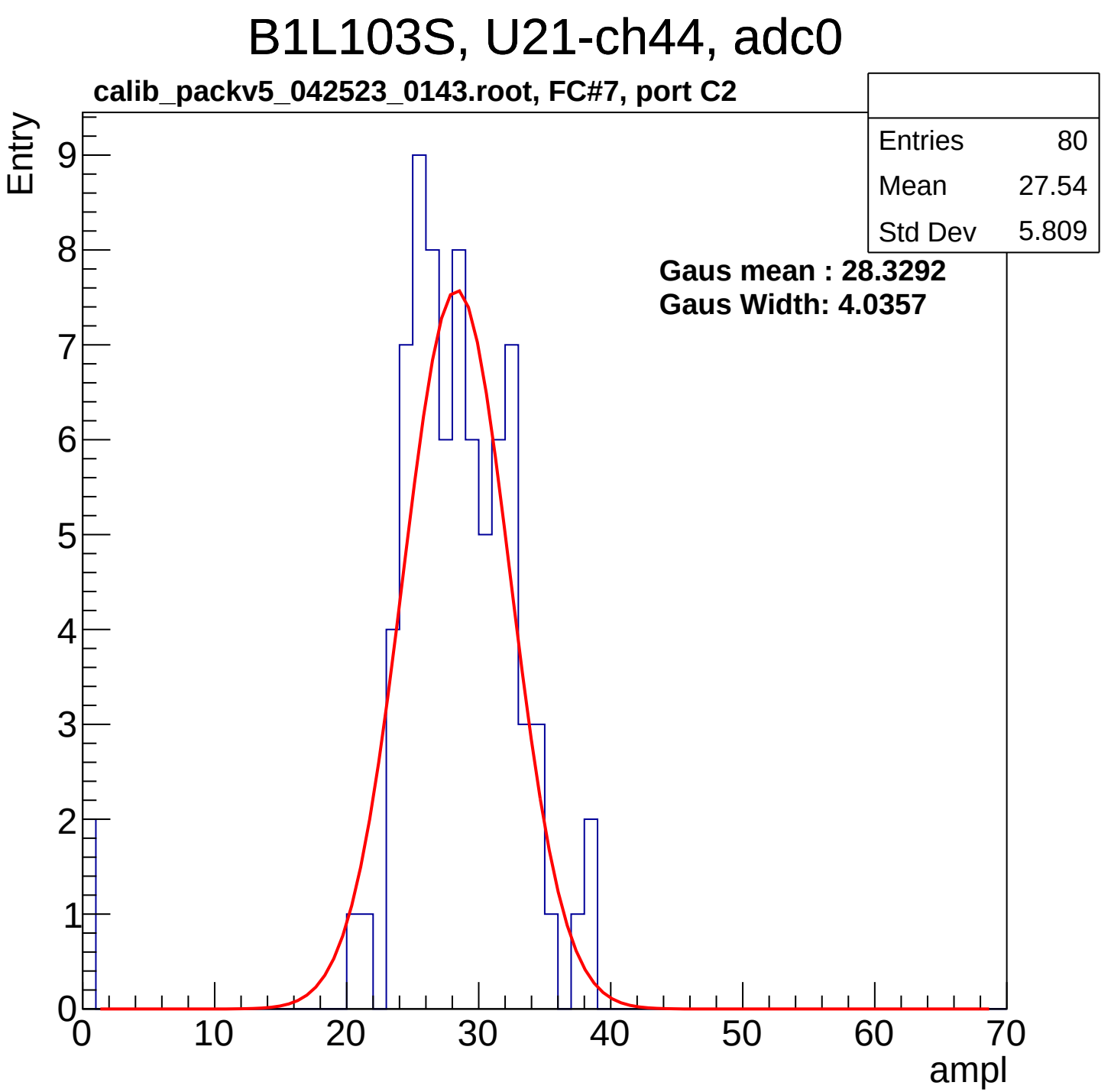
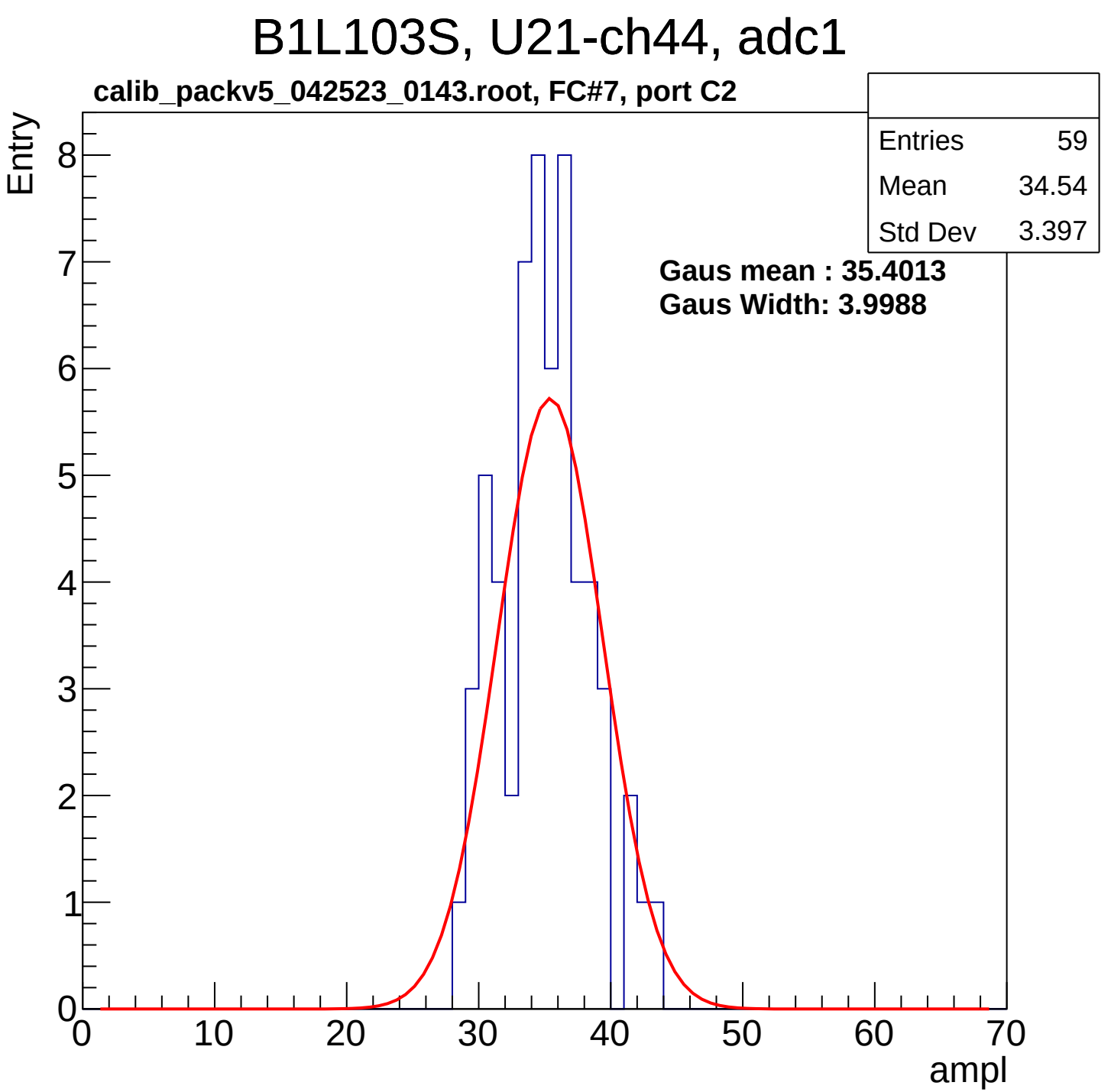
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch44, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 80
Mean 27.54
Std Dev 5.809
Gaus mean : 28.3292
Gaus Width: 4.0357
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch44, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 34.54
Std Dev 3.397
Gaus mean : 35.4013
Gaus Width: 3.9988
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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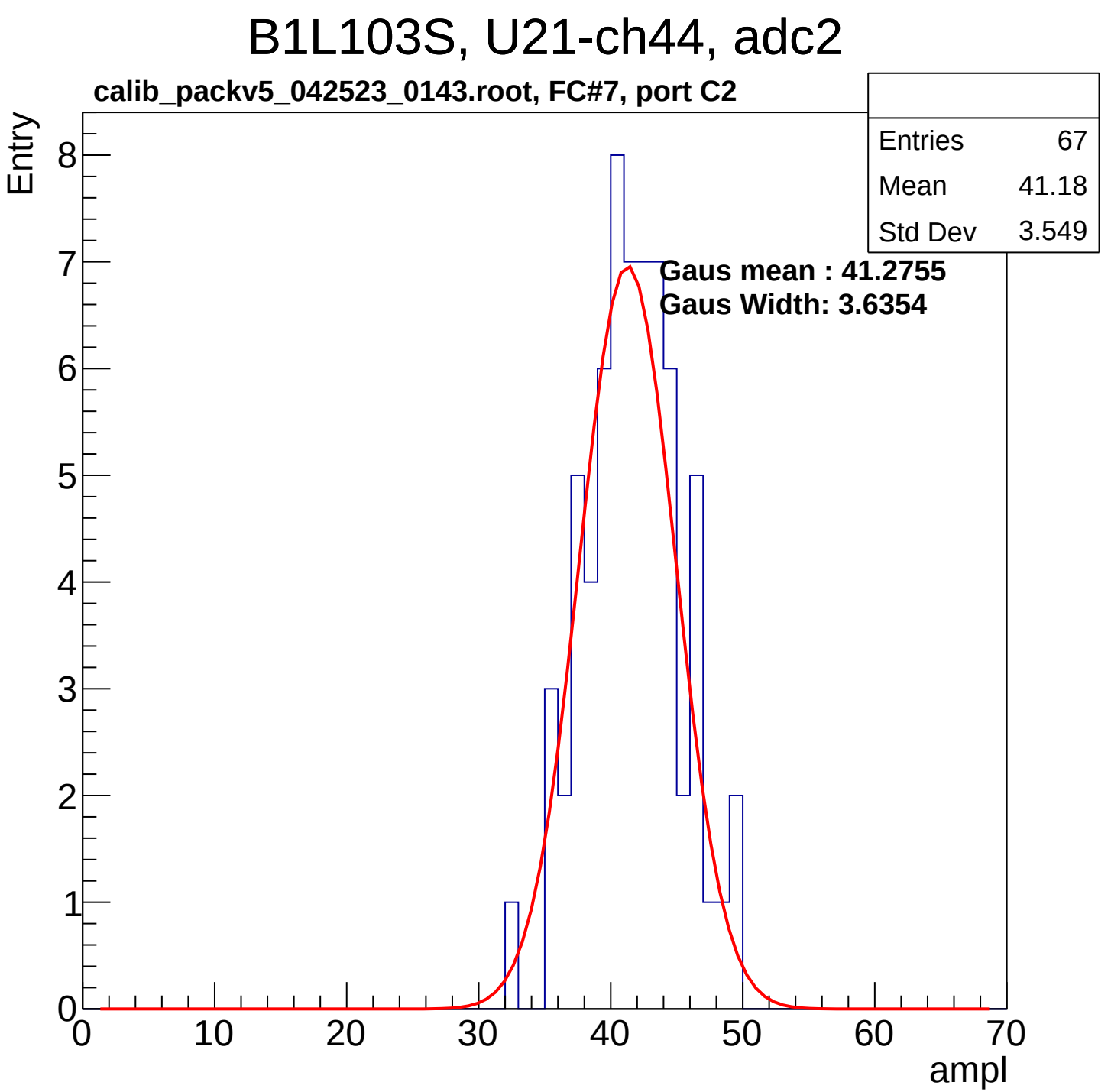
B1L103S, U21-ch44, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 41.18
Std Dev 3.549
Gaus mean : 41.2755
Gaus Width: 3.6354
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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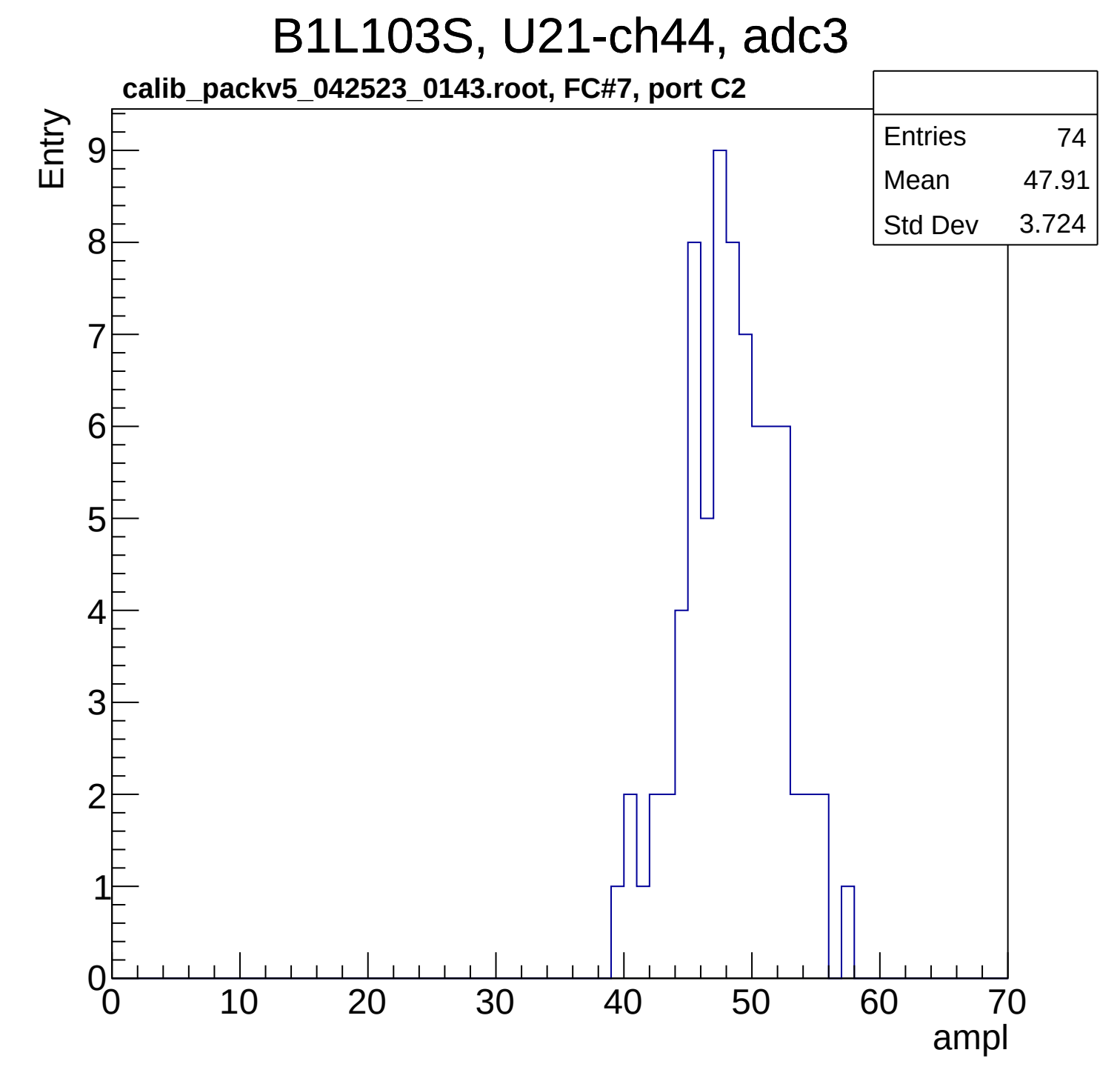
B1L103S, U21-ch44, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 47.91
Std Dev 3.724
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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60
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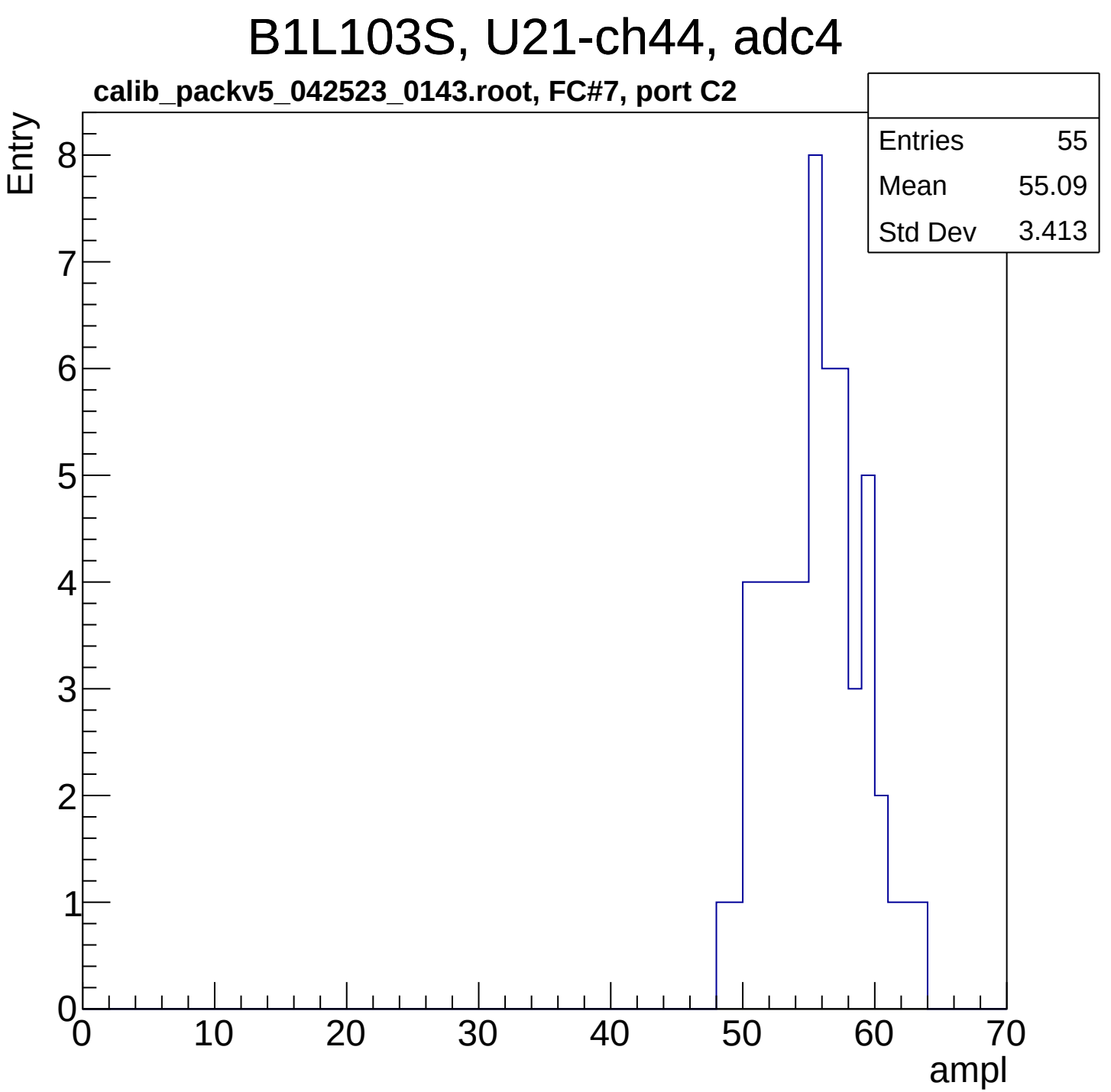
B1L103S, U21-ch44, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 55.09
Std Dev 3.413
Entry
0
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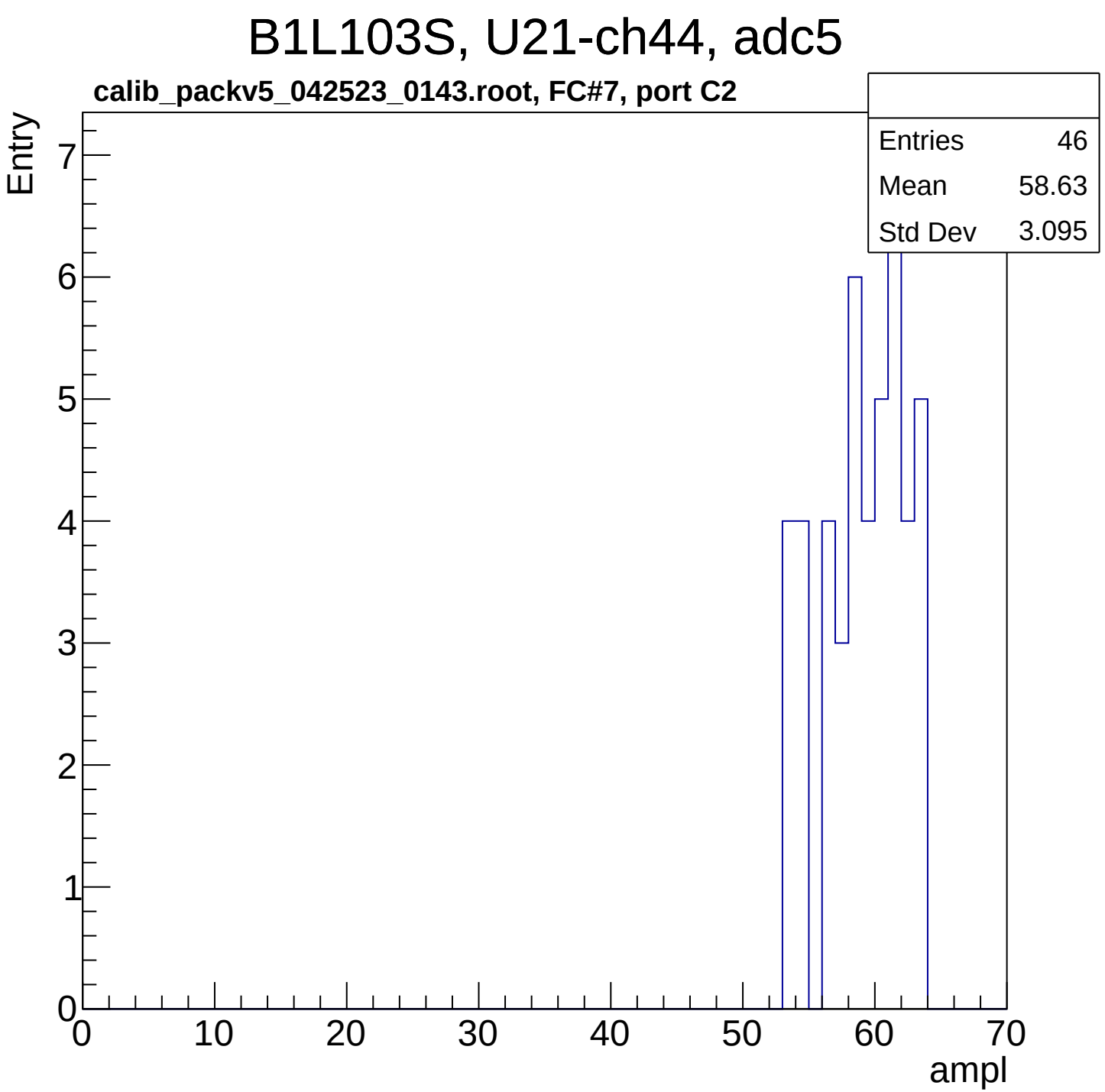
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch44, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 46
Mean 58.63
Std Dev 3.095
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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40
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60
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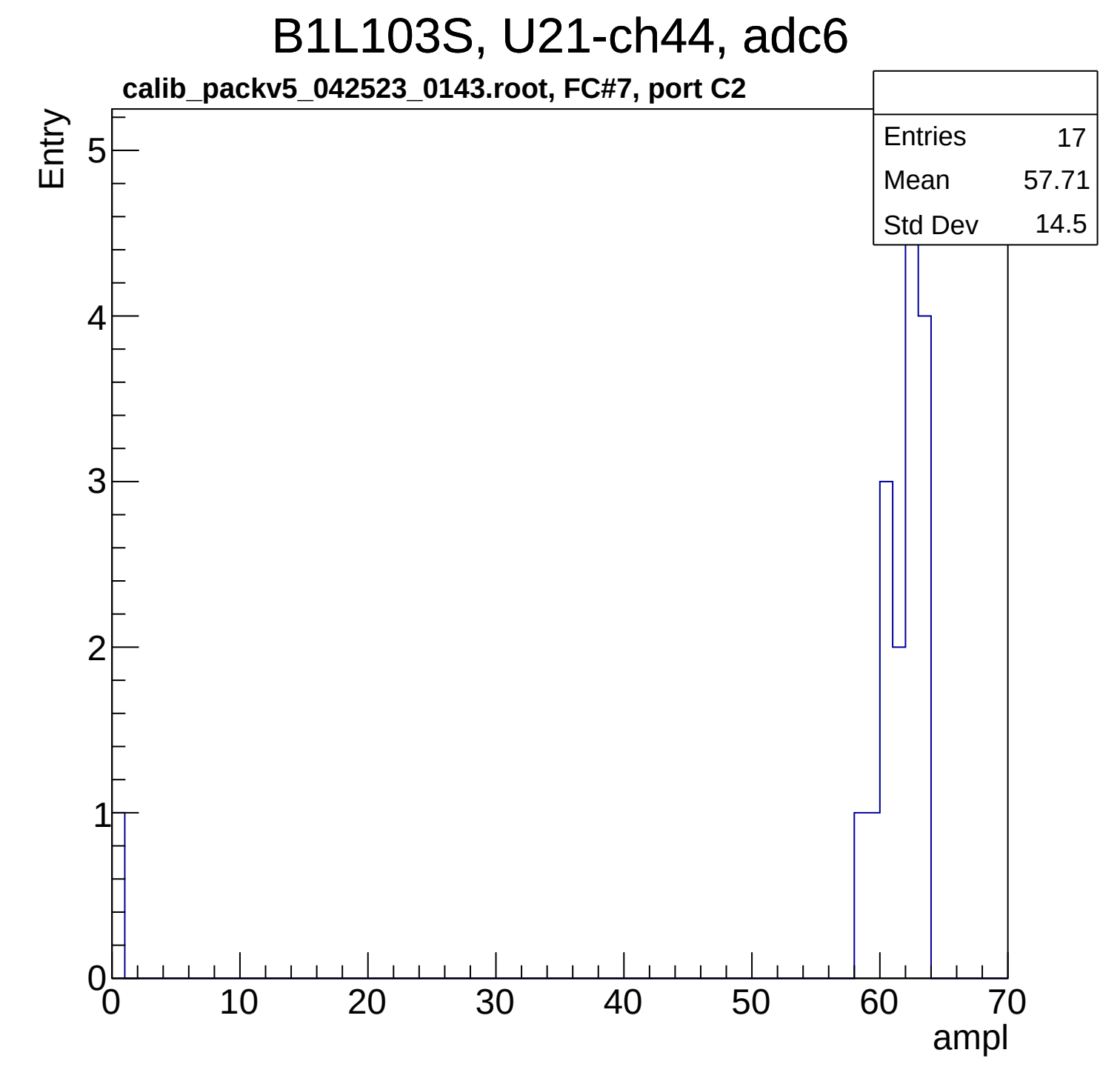
B1L103S, U21-ch44, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 17
Mean 57.71
Std Dev 14.5
Entry
0
1
2
3
4
5
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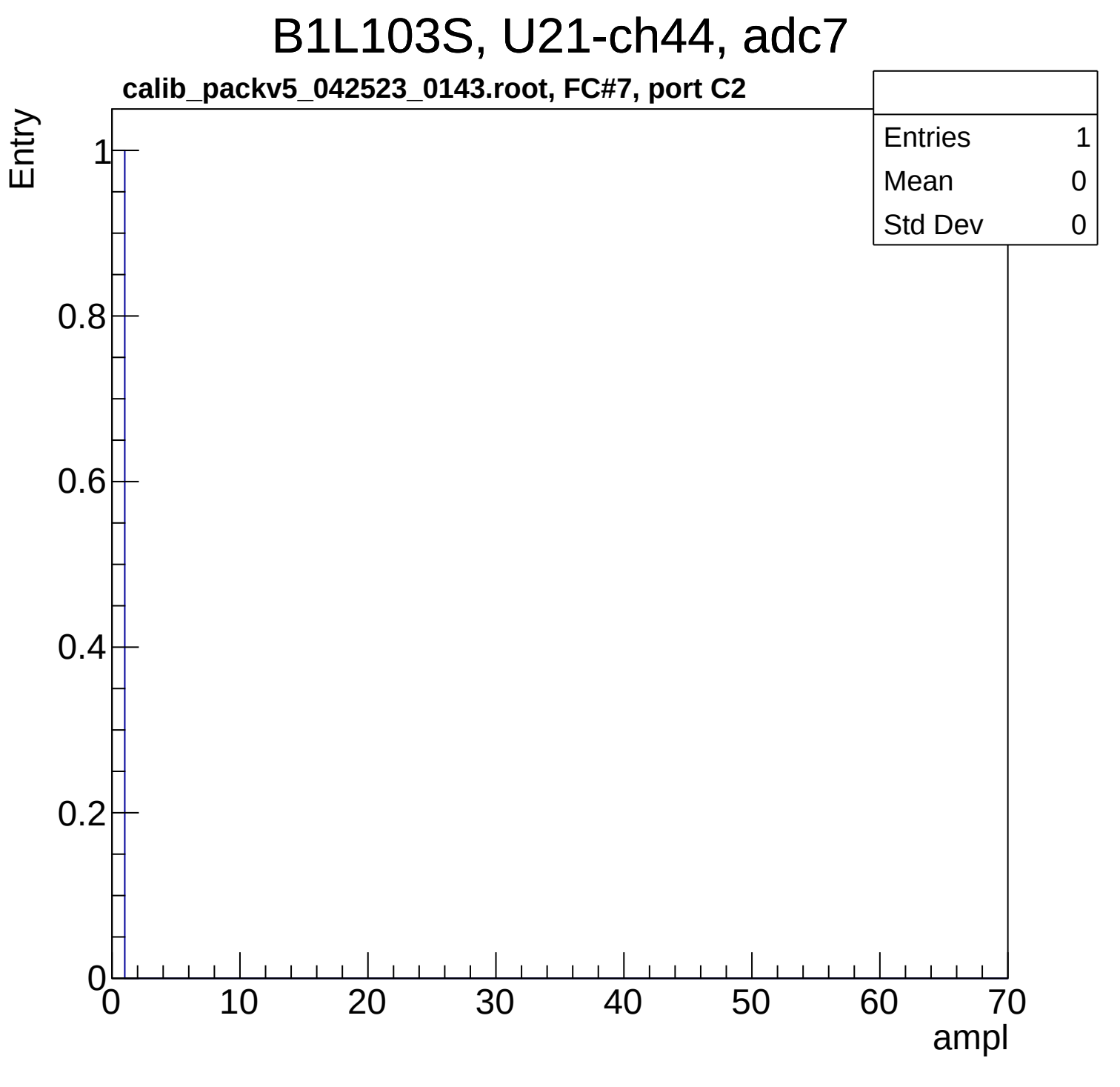
30
40
50
60
70
ampl


B1L103S, U21-ch44, 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
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0
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10
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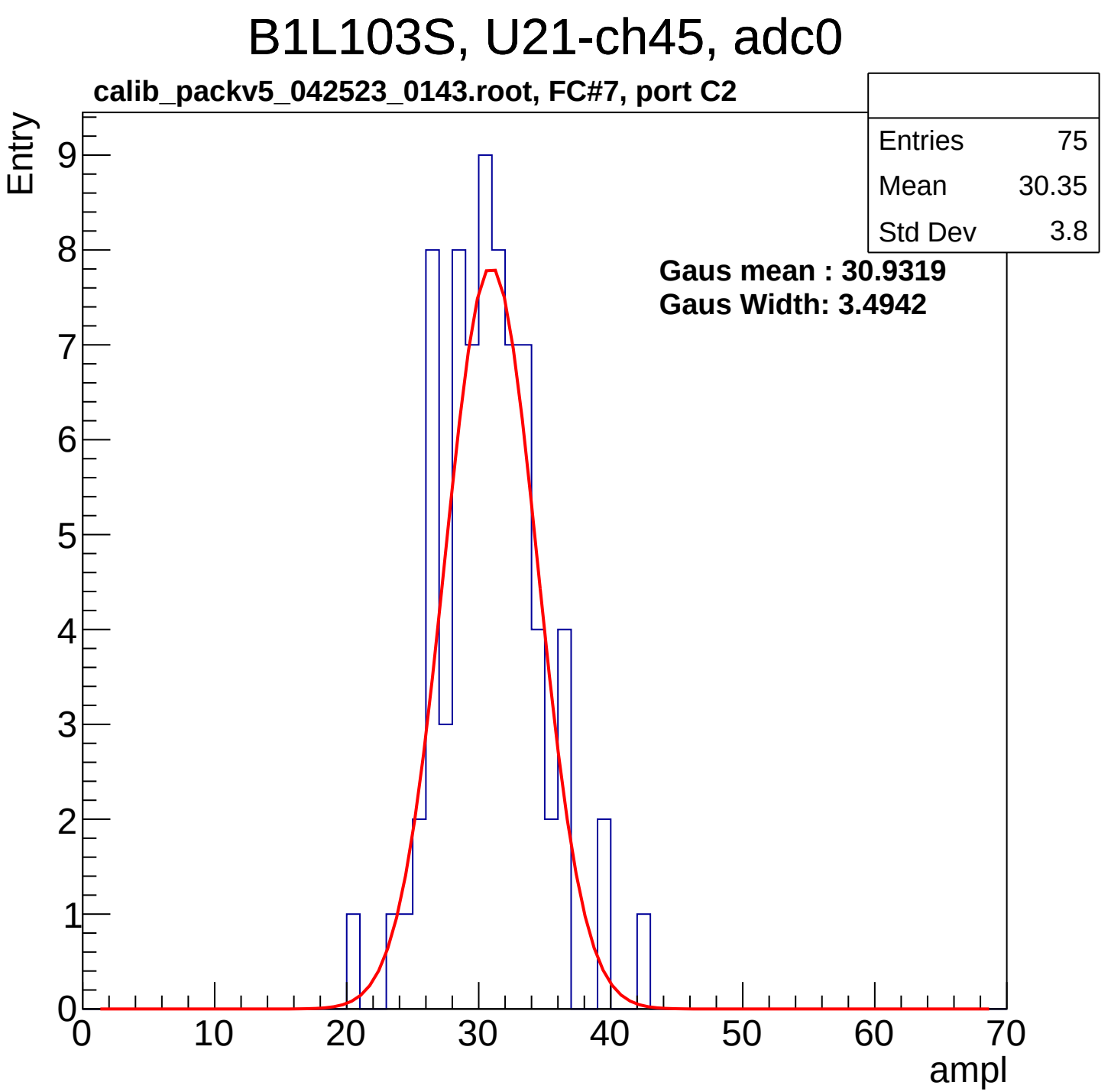
50
60
70
ampl


B1L103S, U21-ch45, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 75
Mean 30.35
Std Dev 3.8
Gaus mean : 30.9319
Gaus Width: 3.4942
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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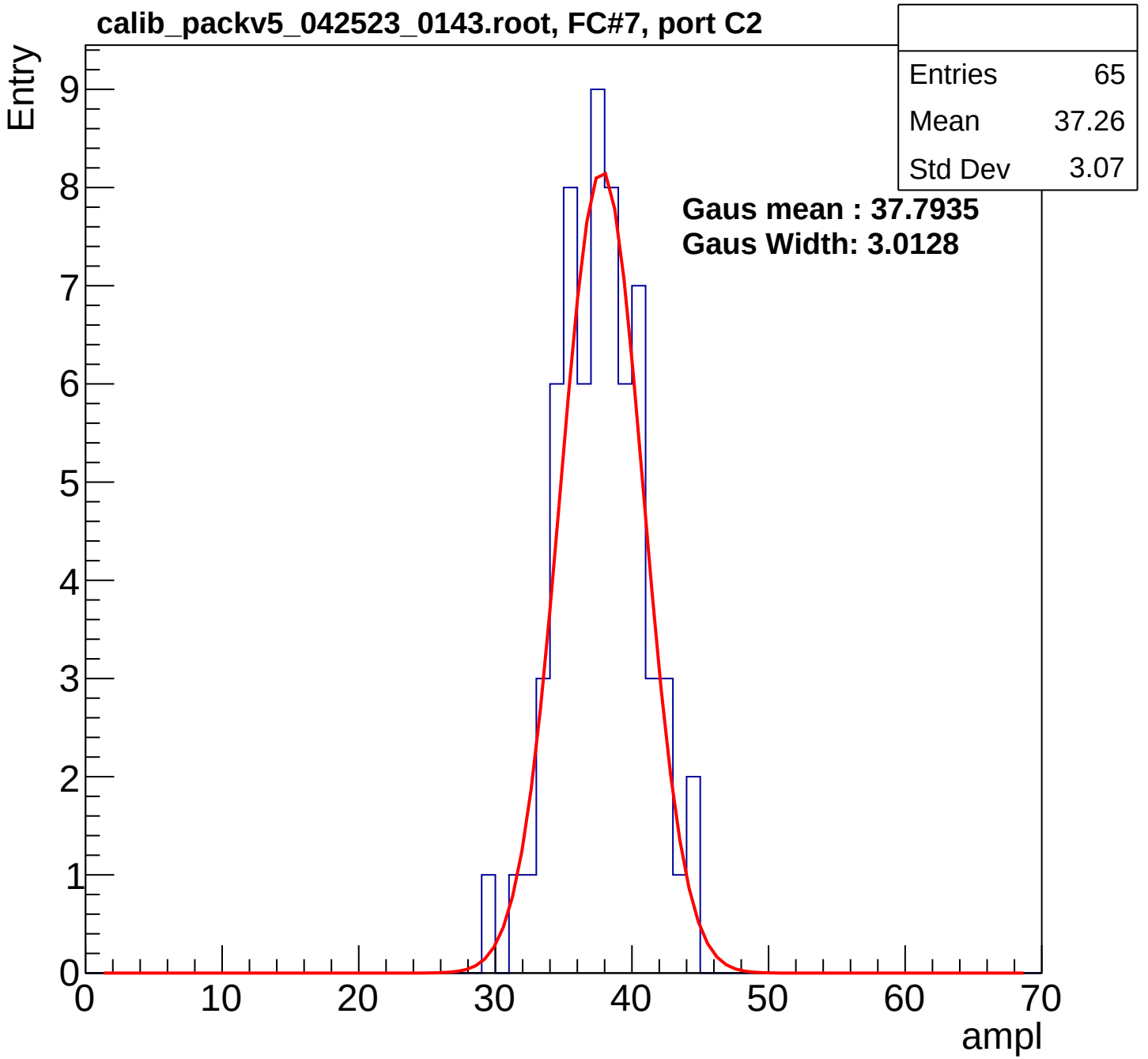
B1L103S, U21-ch45, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 37.26
Std Dev 3.07
Gaus mean : 37.7935
Gaus Width: 3.0128
Entry
ampl
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2
3
4
5
6
7
8
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0
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20
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40
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60
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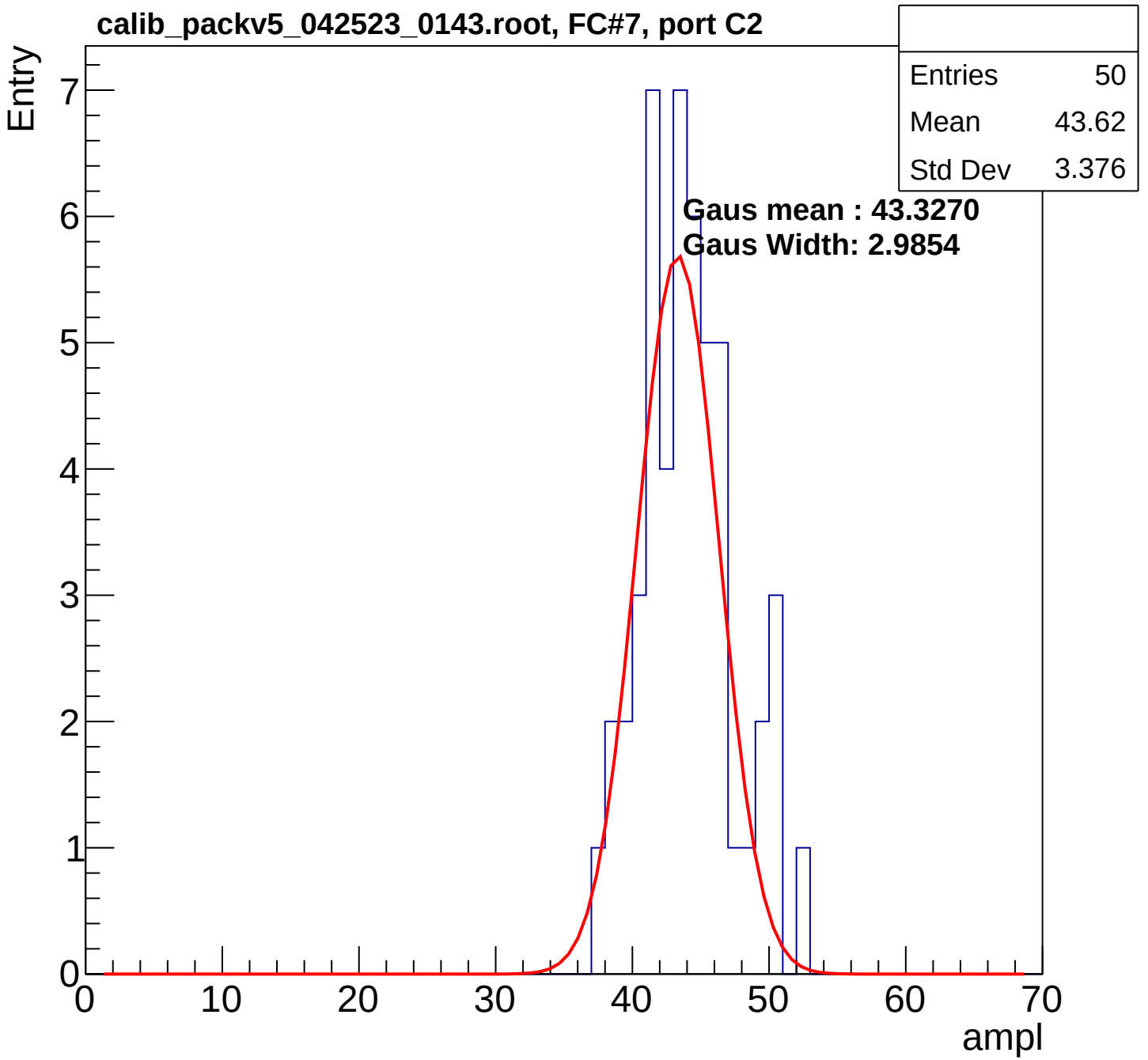
B1L103S, U21-ch45, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 50
Mean 43.62
Std Dev 3.376
Gaus mean : 43.3270
Gaus Width: 2.9854
Entry
ampl
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1
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3
4
5
6
7
0
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20
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60
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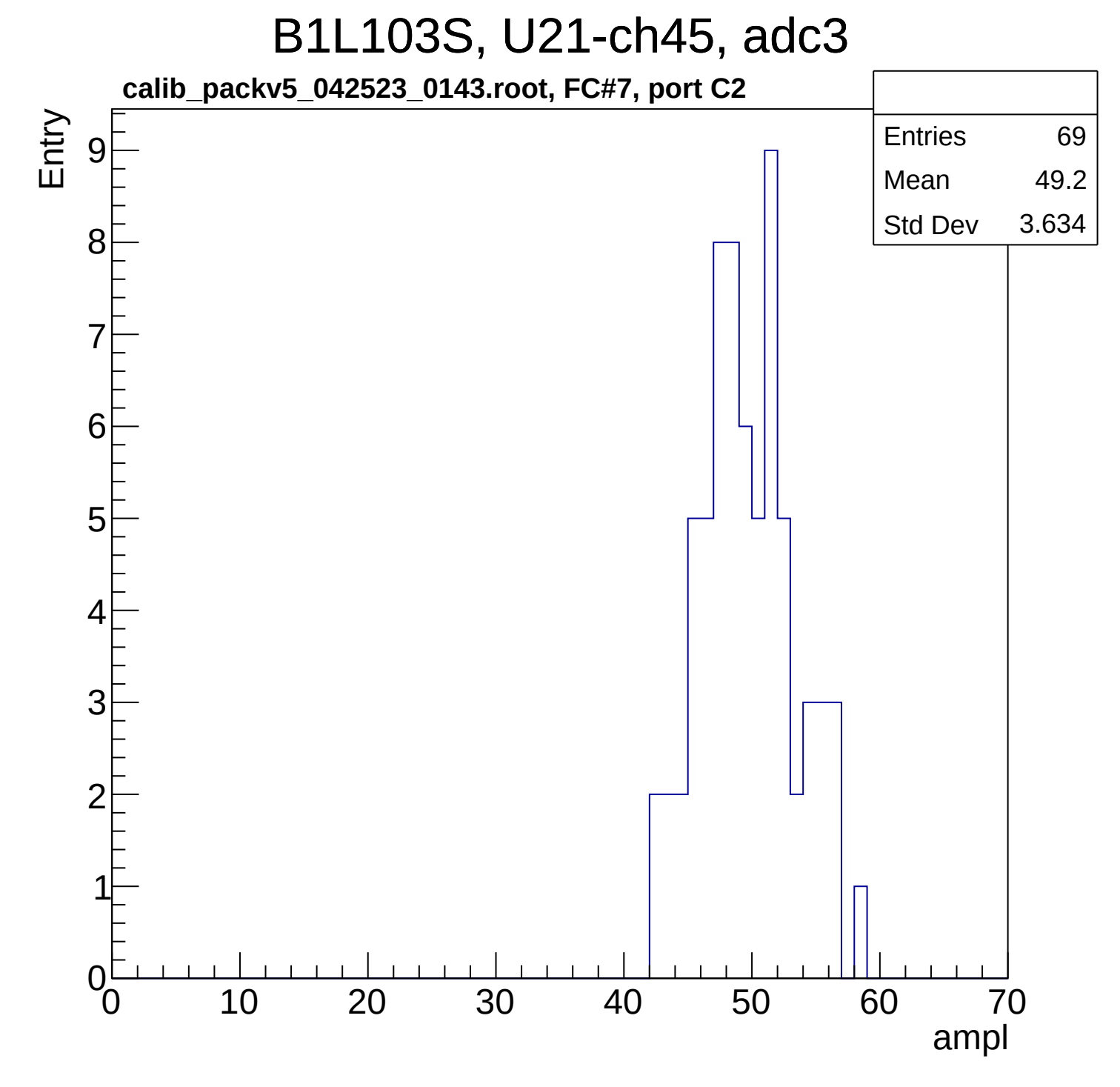
B1L103S, U21-ch45, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 49.2
Std Dev 3.634
Entry
ampl
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3
4
5
6
7
8
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0
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60
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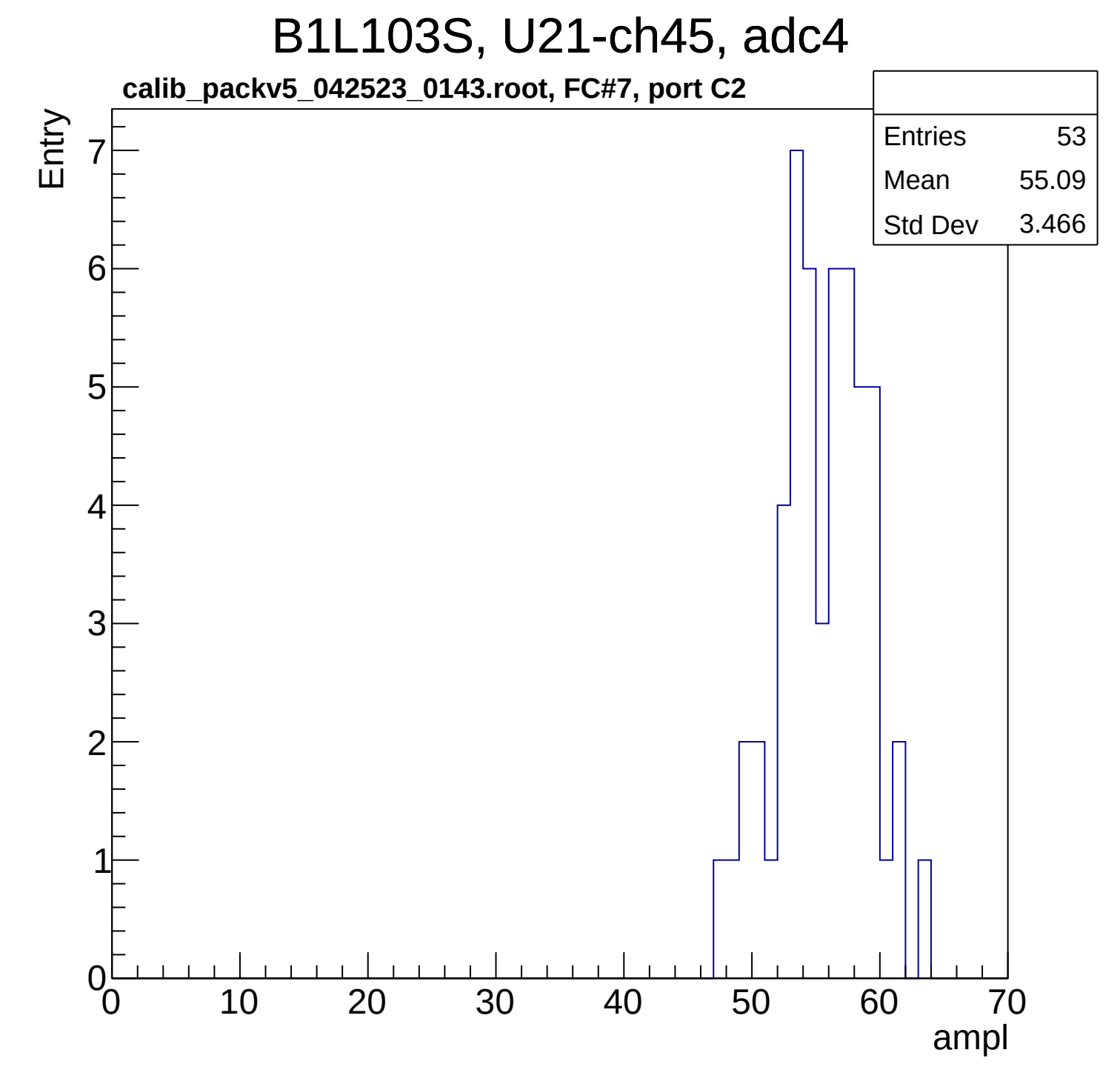
B1L103S, U21-ch45, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 53
Mean 55.09
Std Dev 3.466
Entry
ampl
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40
50
60
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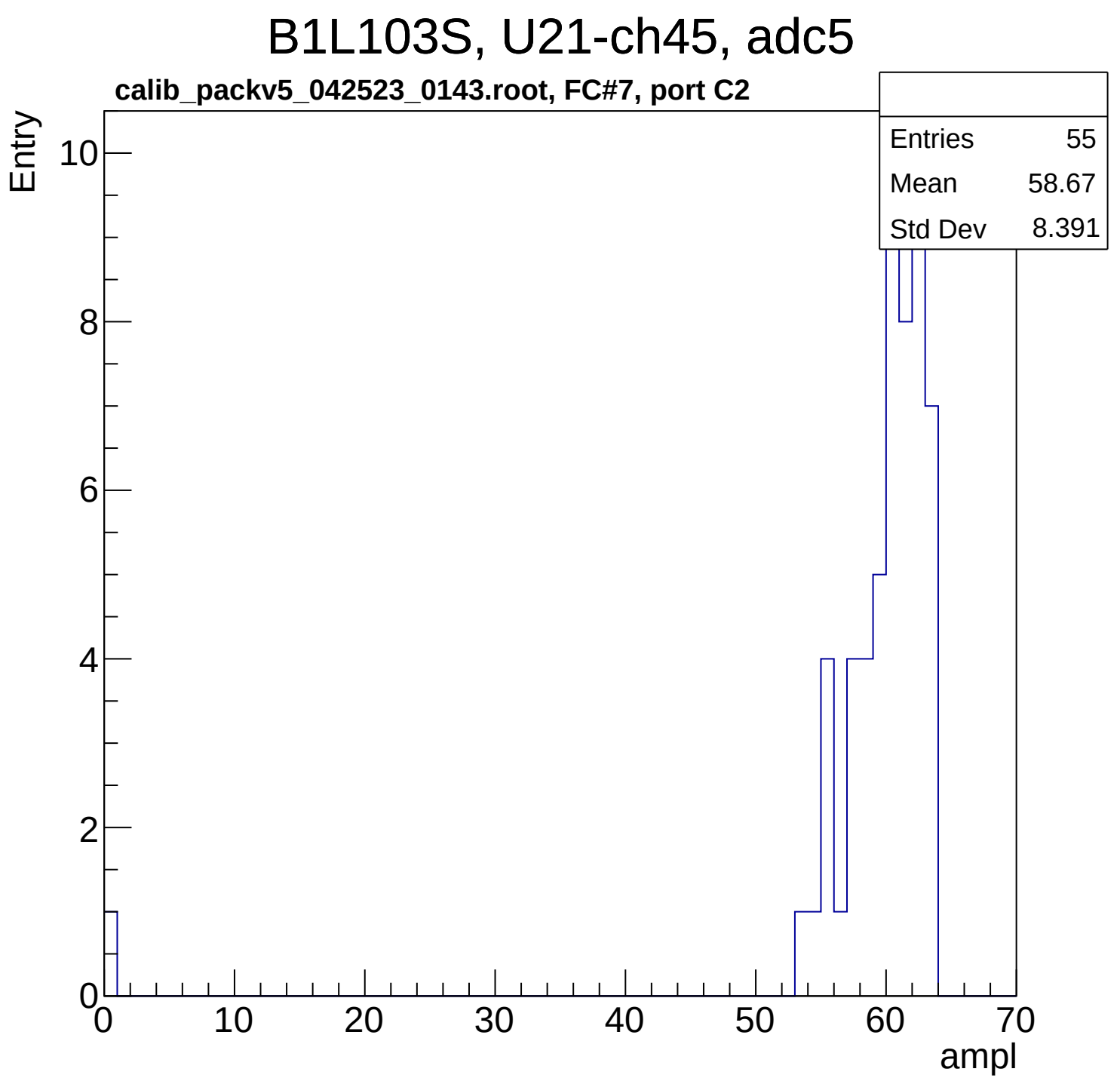
B1L103S, U21-ch45, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 58.67
Std Dev 8.391
Entry
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20
30
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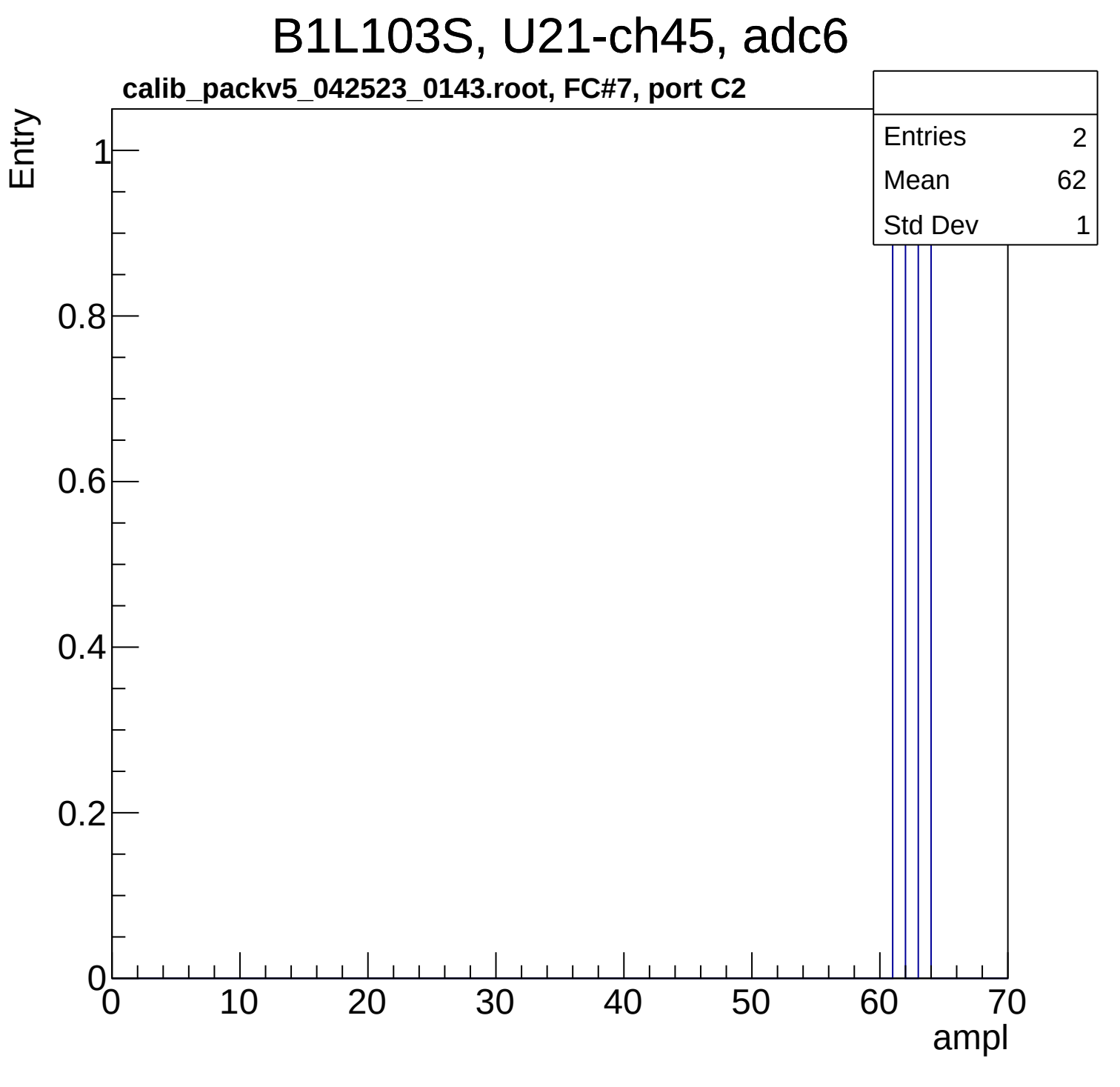
50
60
70
ampl


B1L103S, U21-ch45, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 62
Std Dev 1
Entry
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0.6
0.4
0.2
0
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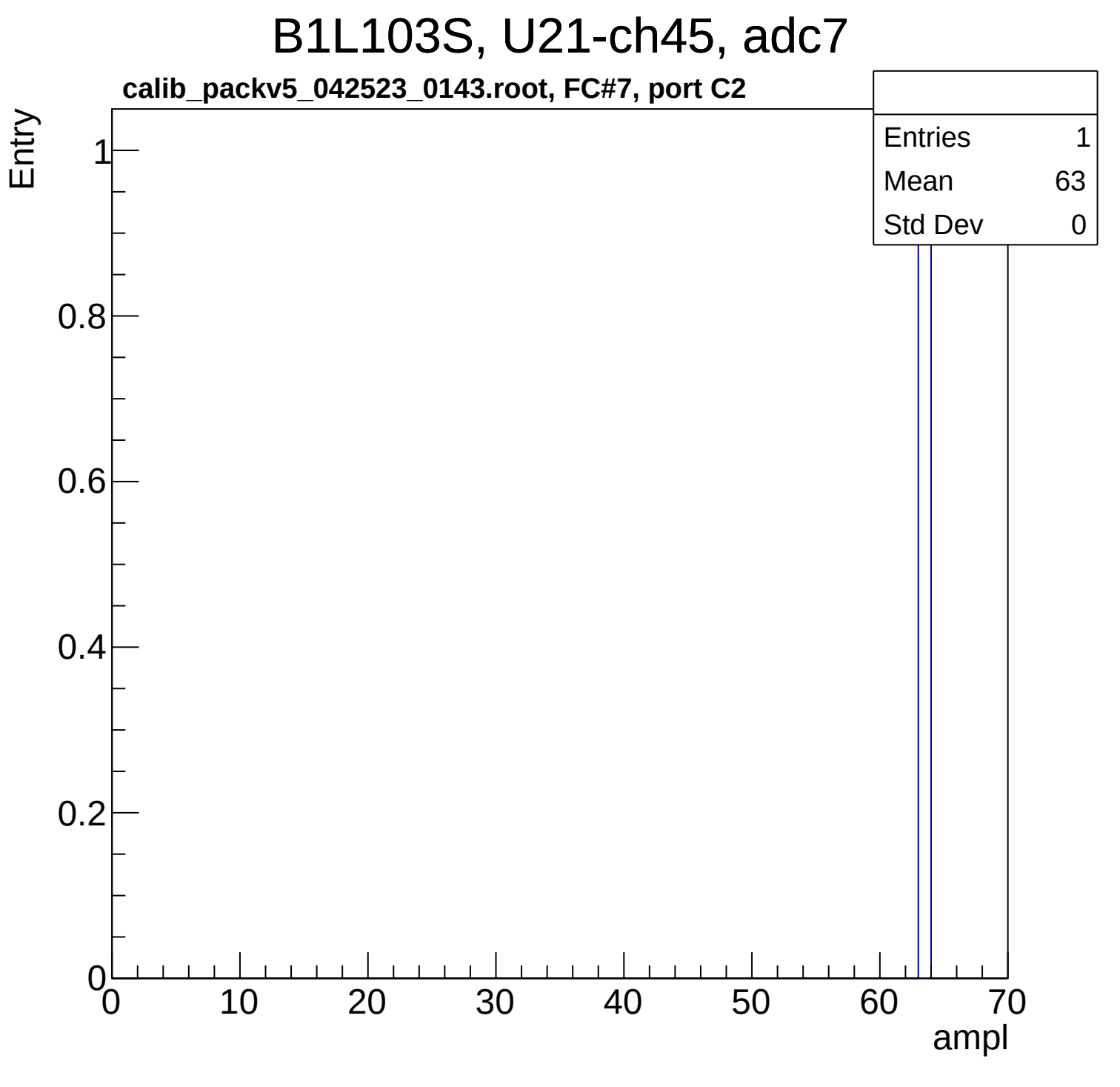
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch45, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 63
Std Dev 0
Entry
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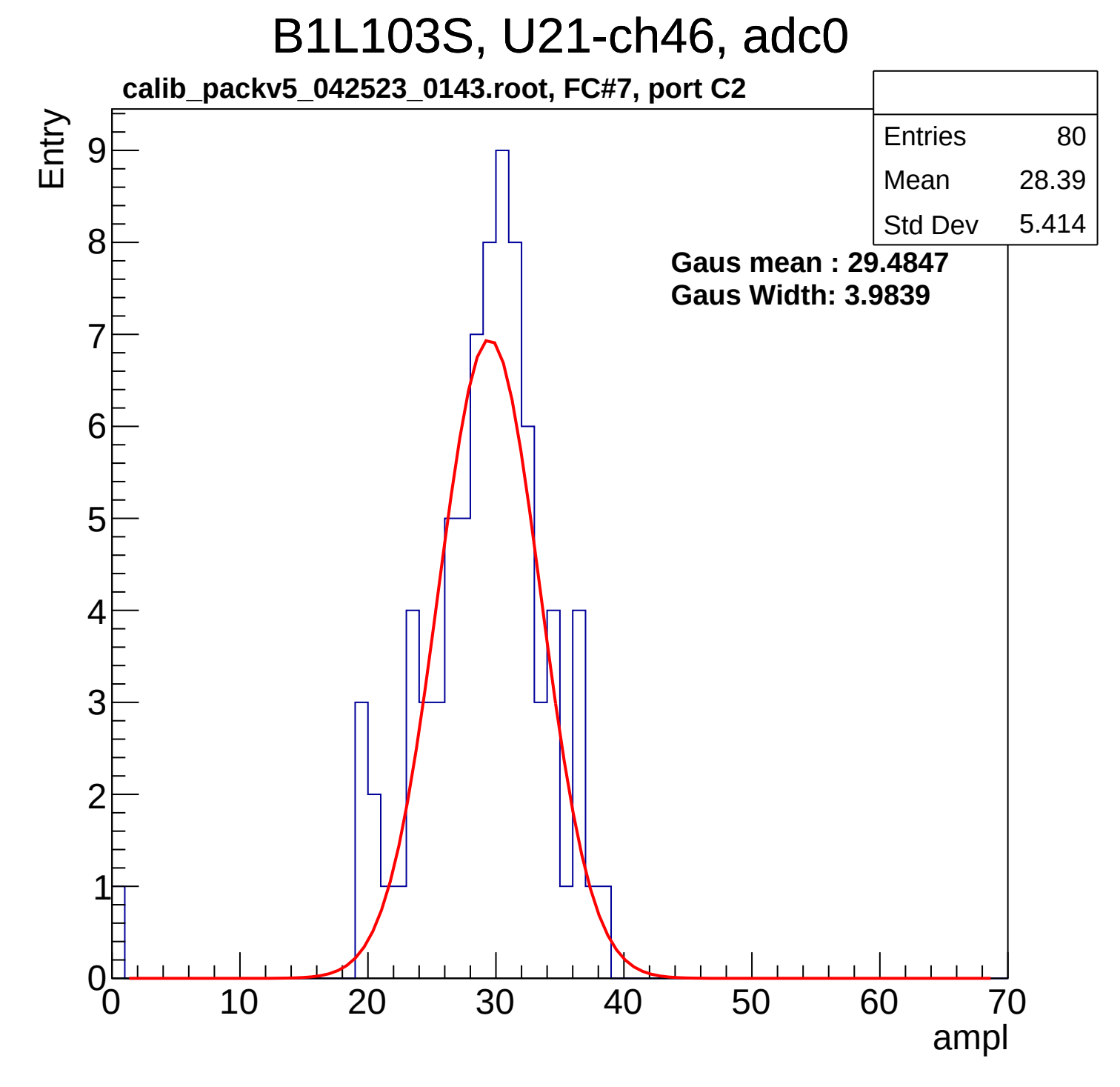
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch46, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 80
Mean 28.39
Std Dev 5.414
Gaus mean : 29.4847
Gaus Width: 3.9839
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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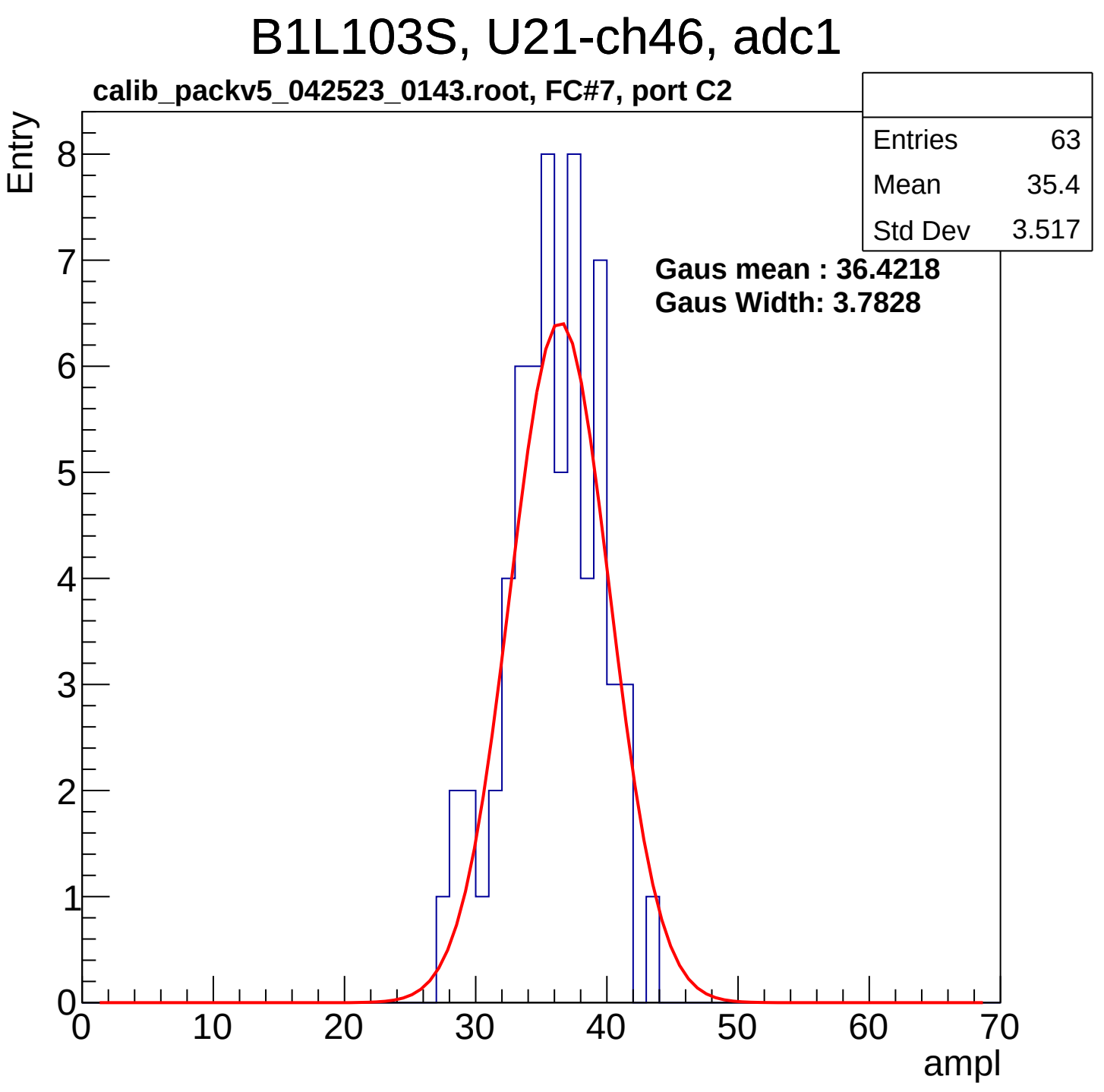
B1L103S, U21-ch46, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 35.4
Std Dev 3.517
Gaus mean : 36.4218
Gaus Width: 3.7828
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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60
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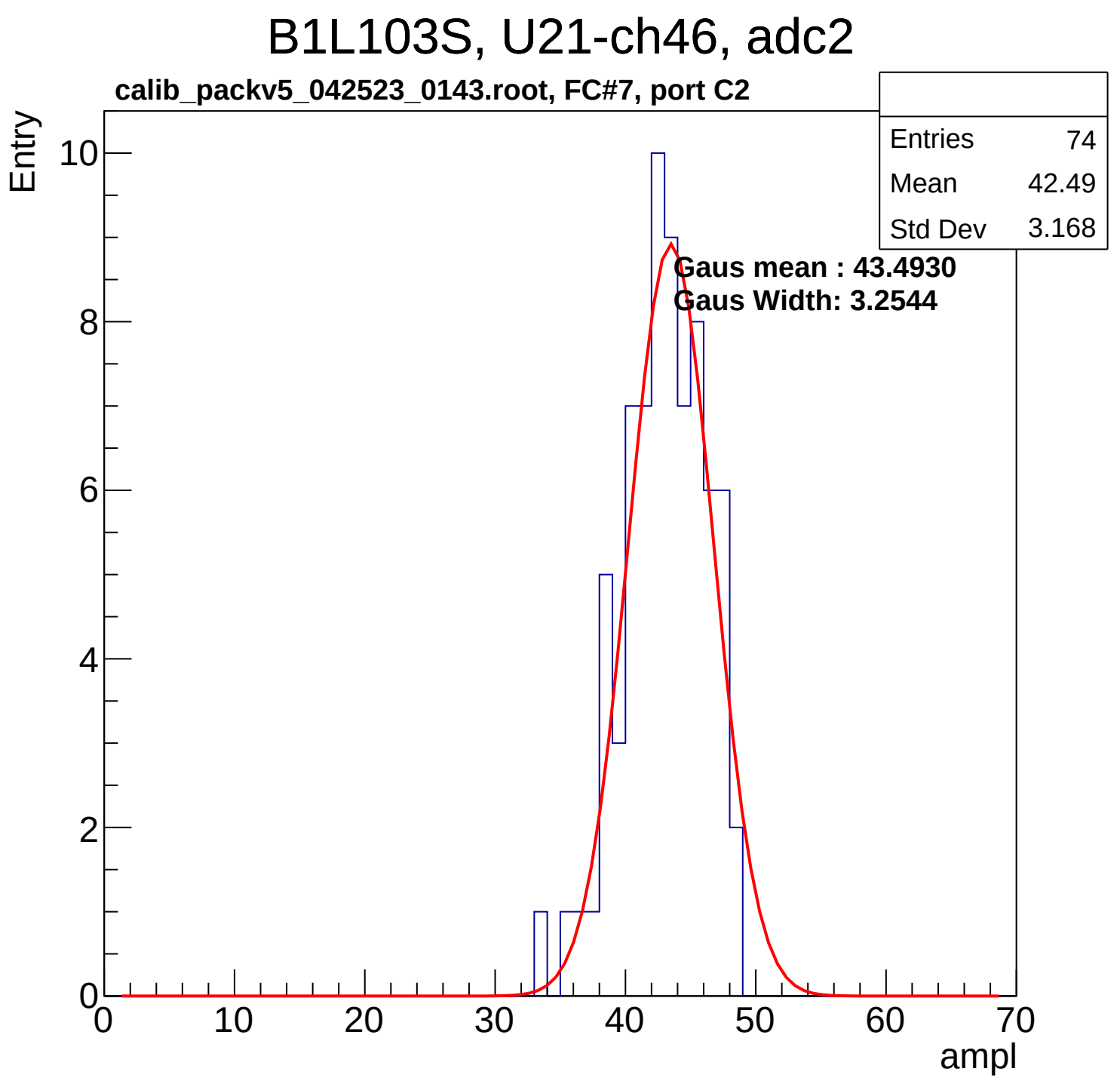
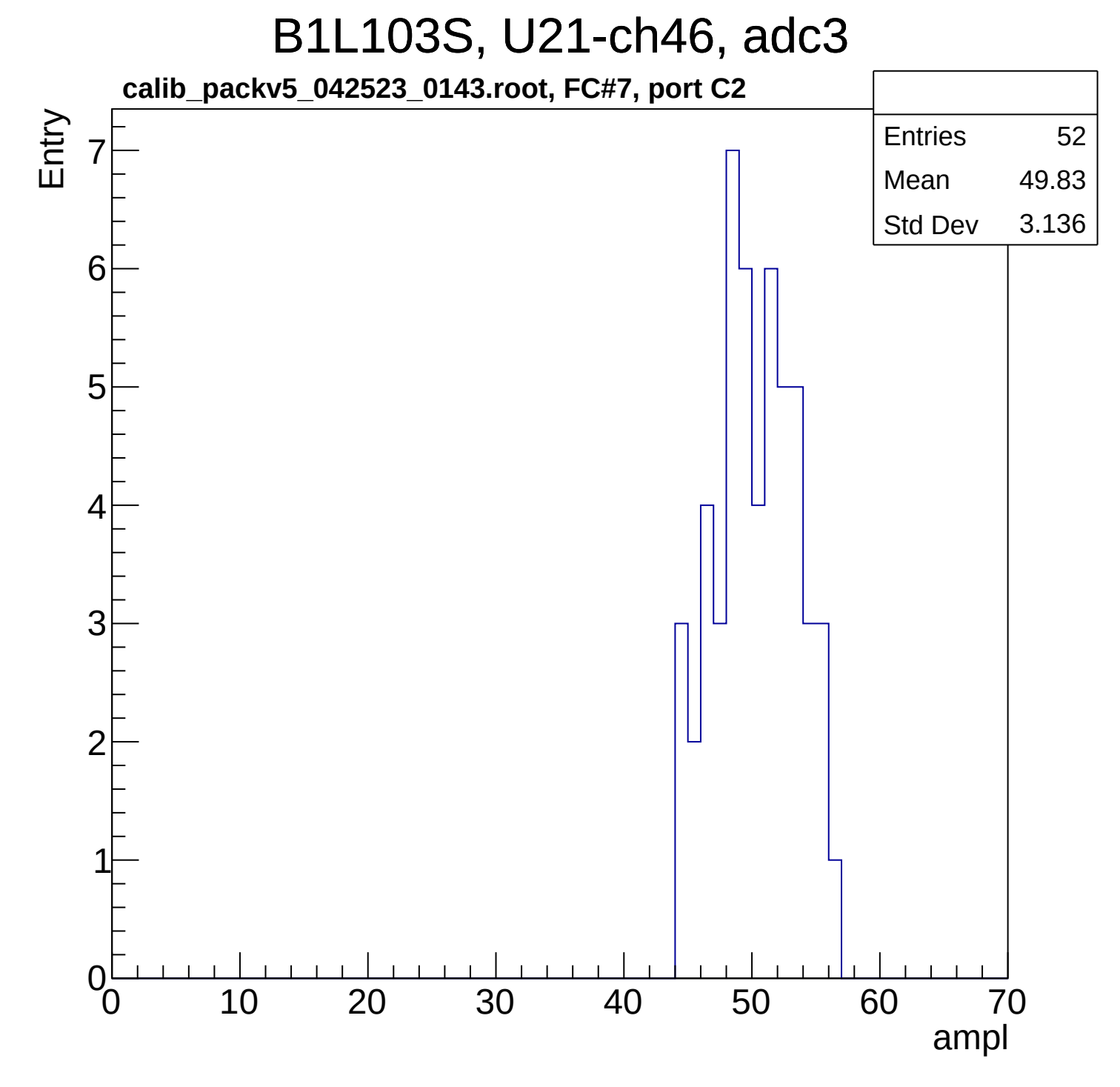
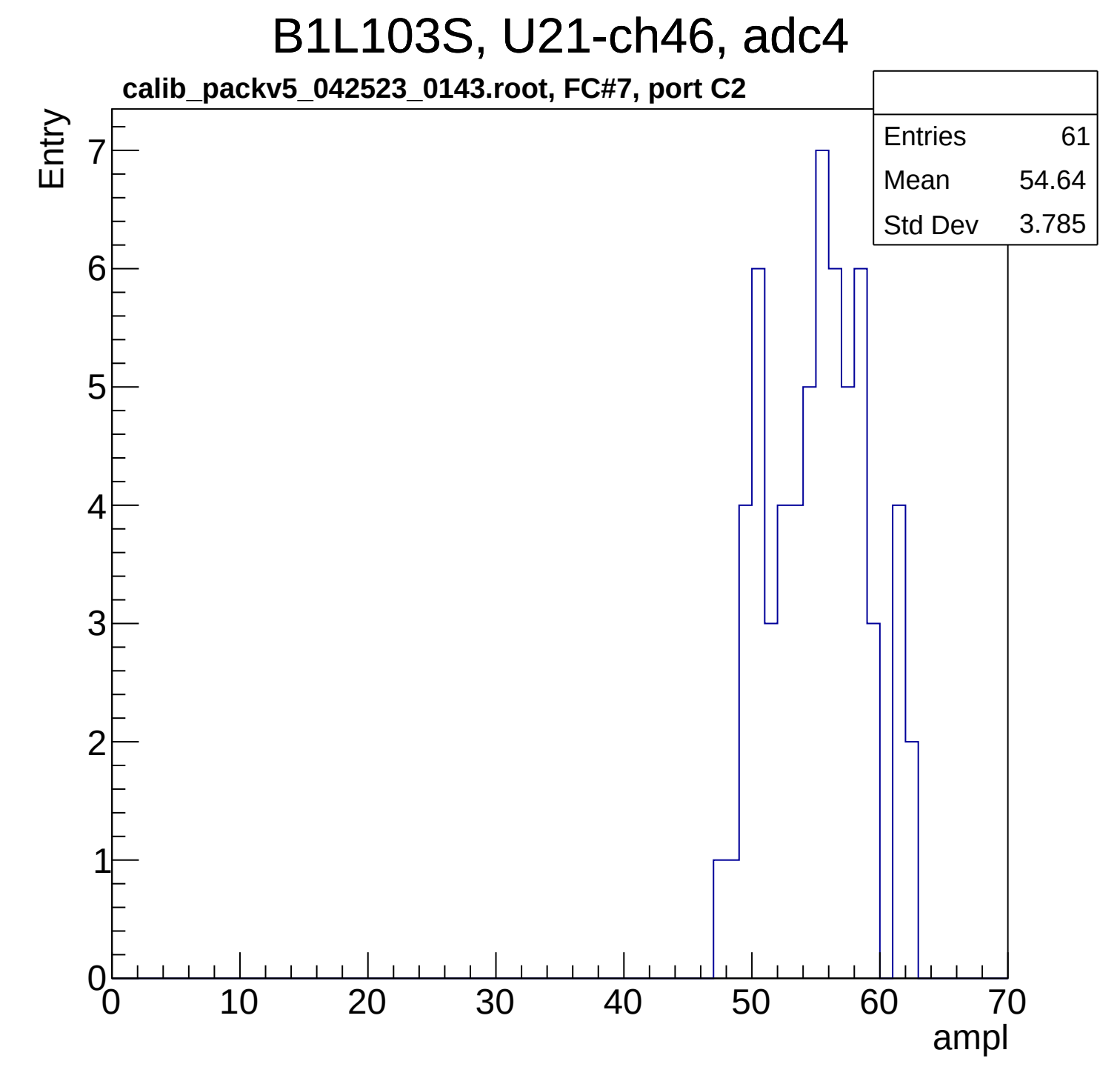
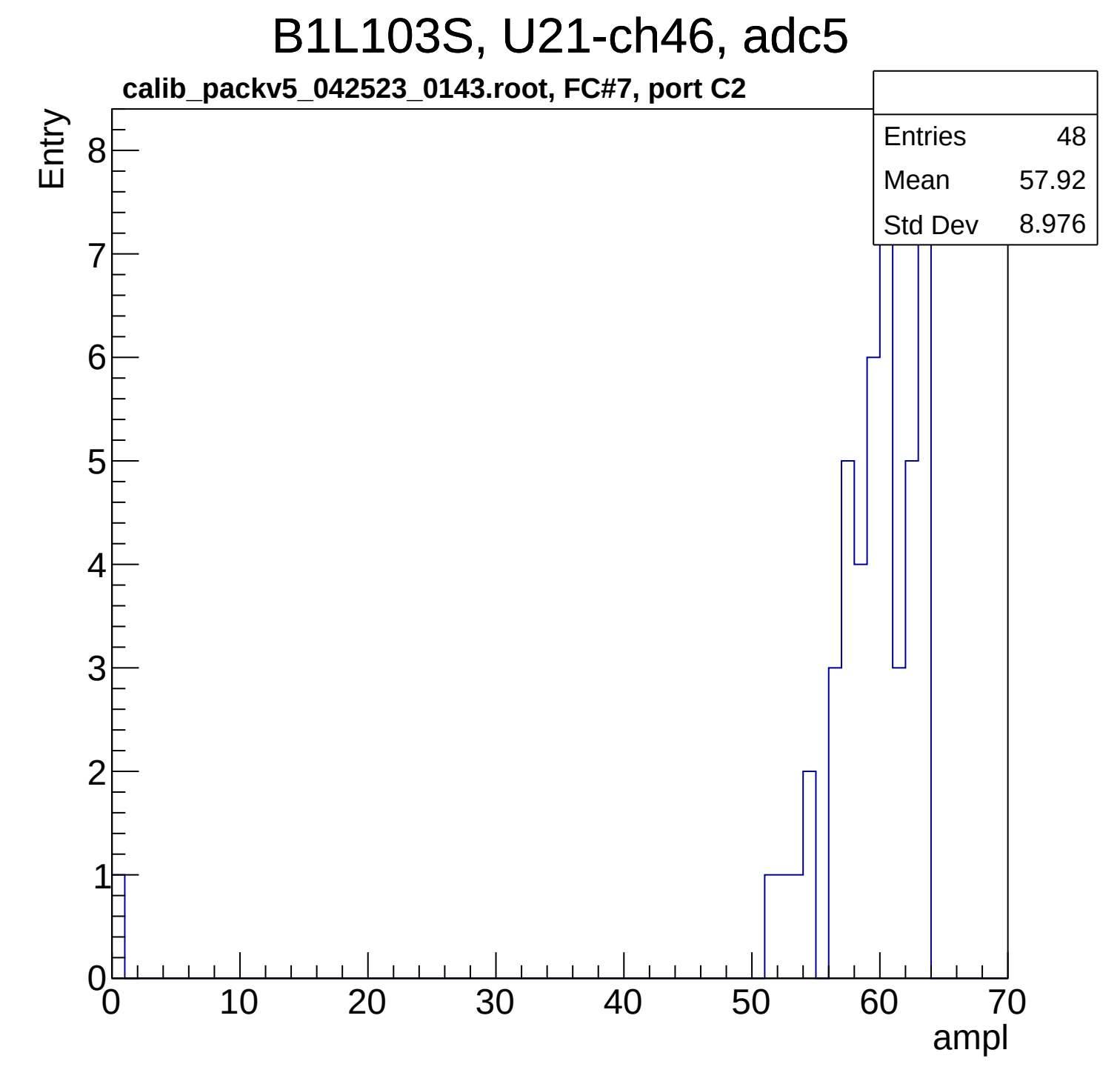
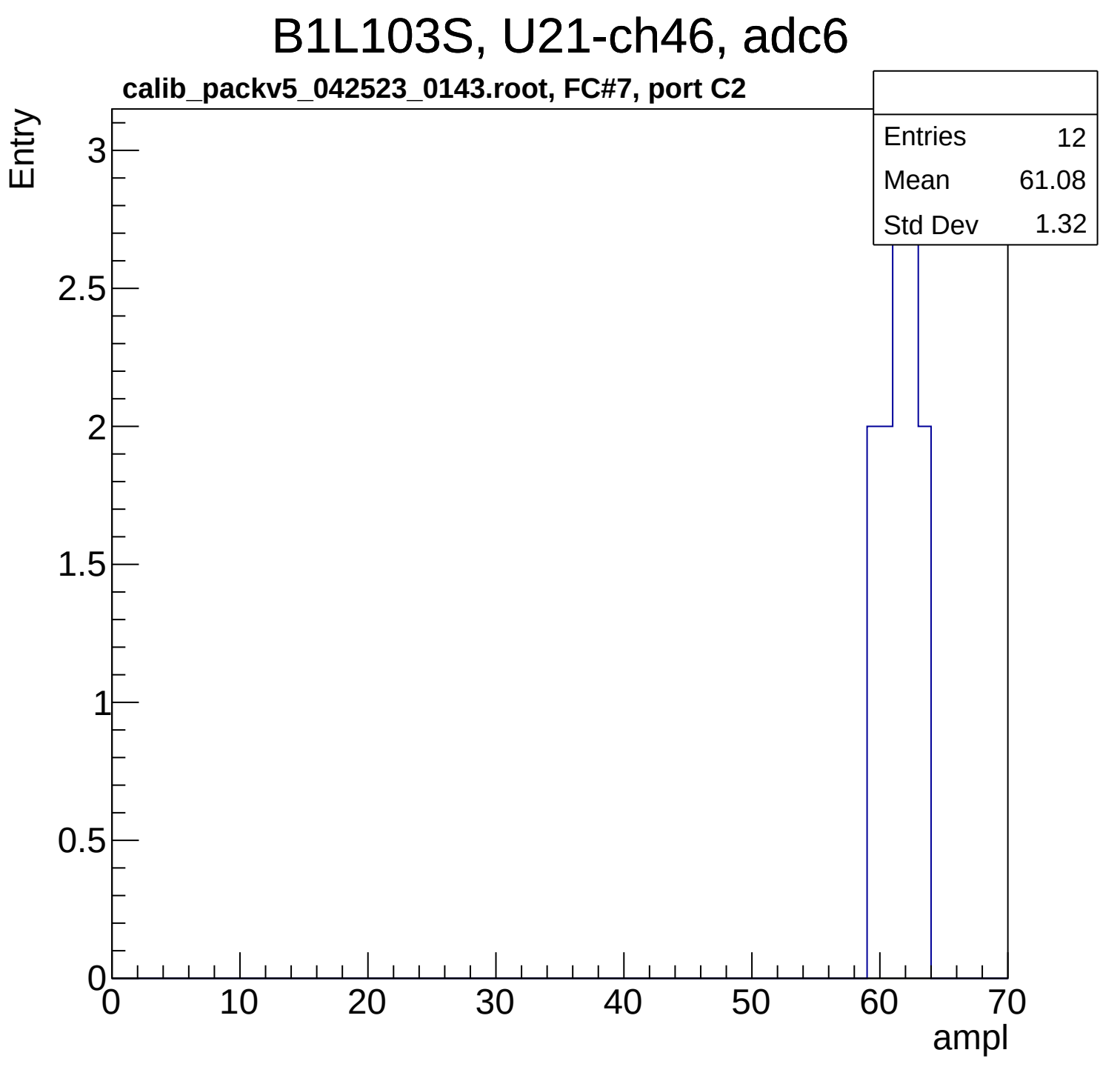
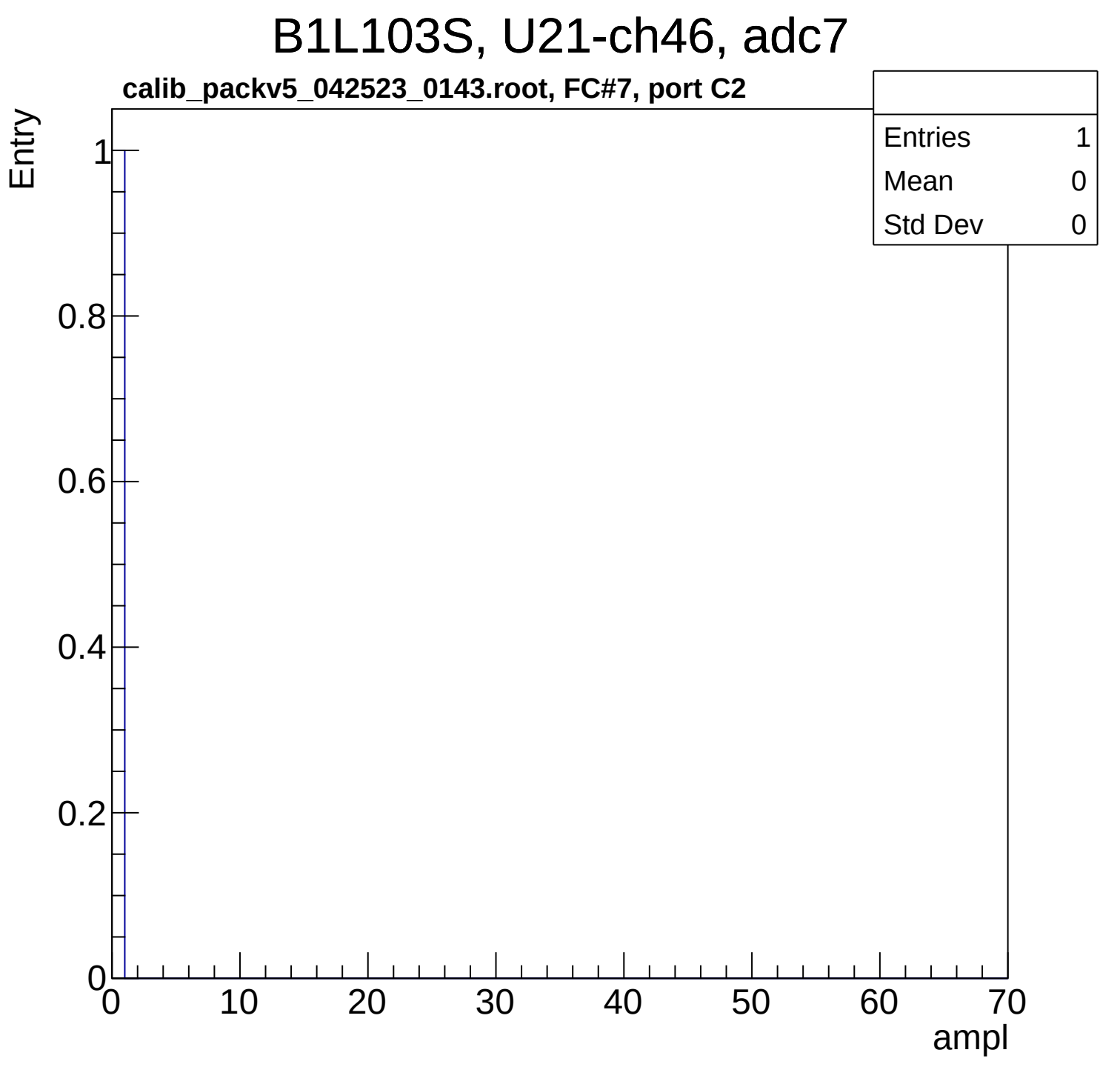

B1L103S, U21-ch46, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 42.49
Std Dev 3.168
Gaus mean : 43.4930
Gaus Width: 3.2544
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

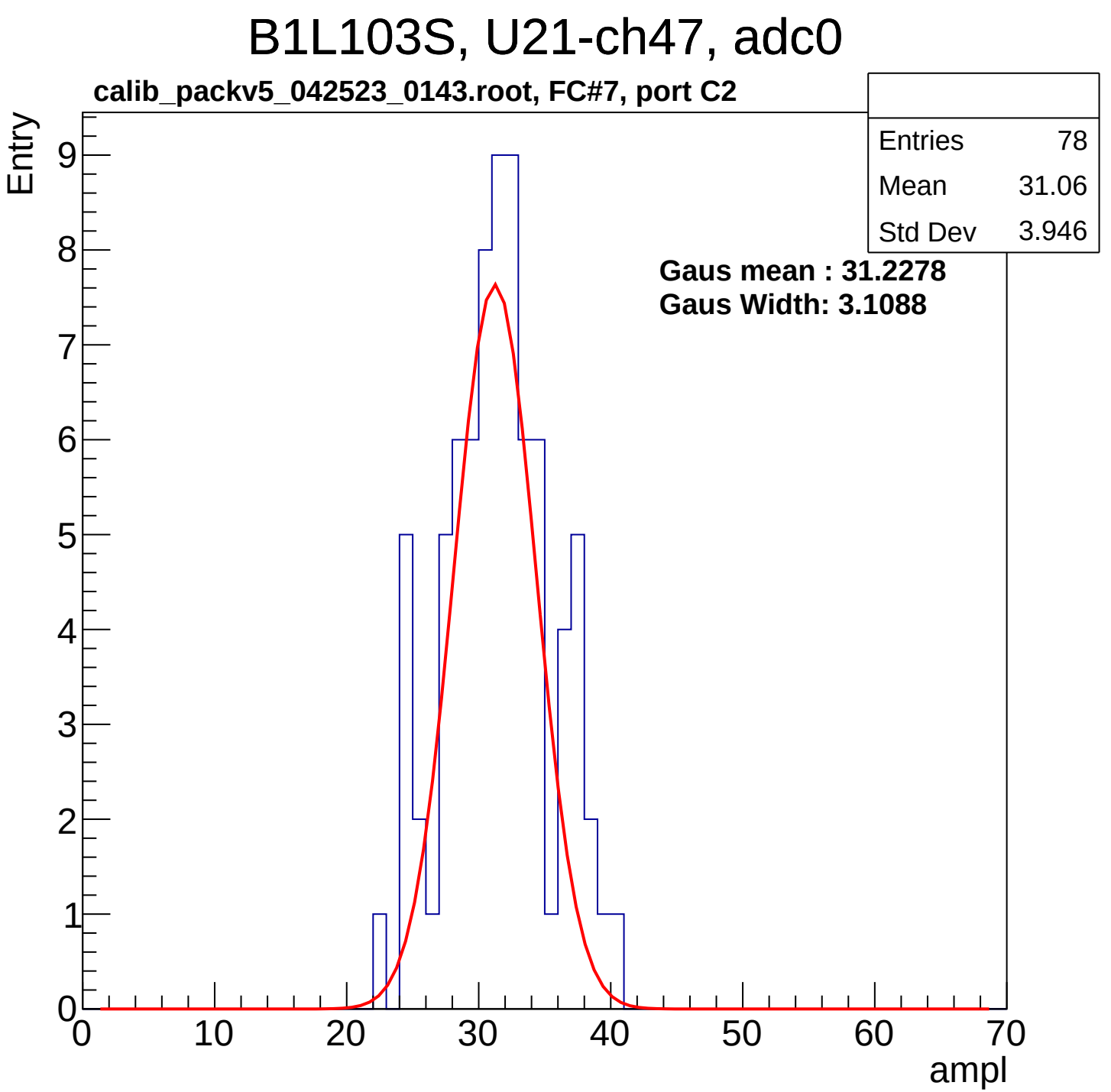

B1L103S, U21-ch46, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 52
Mean 49.83
Std Dev 3.136
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

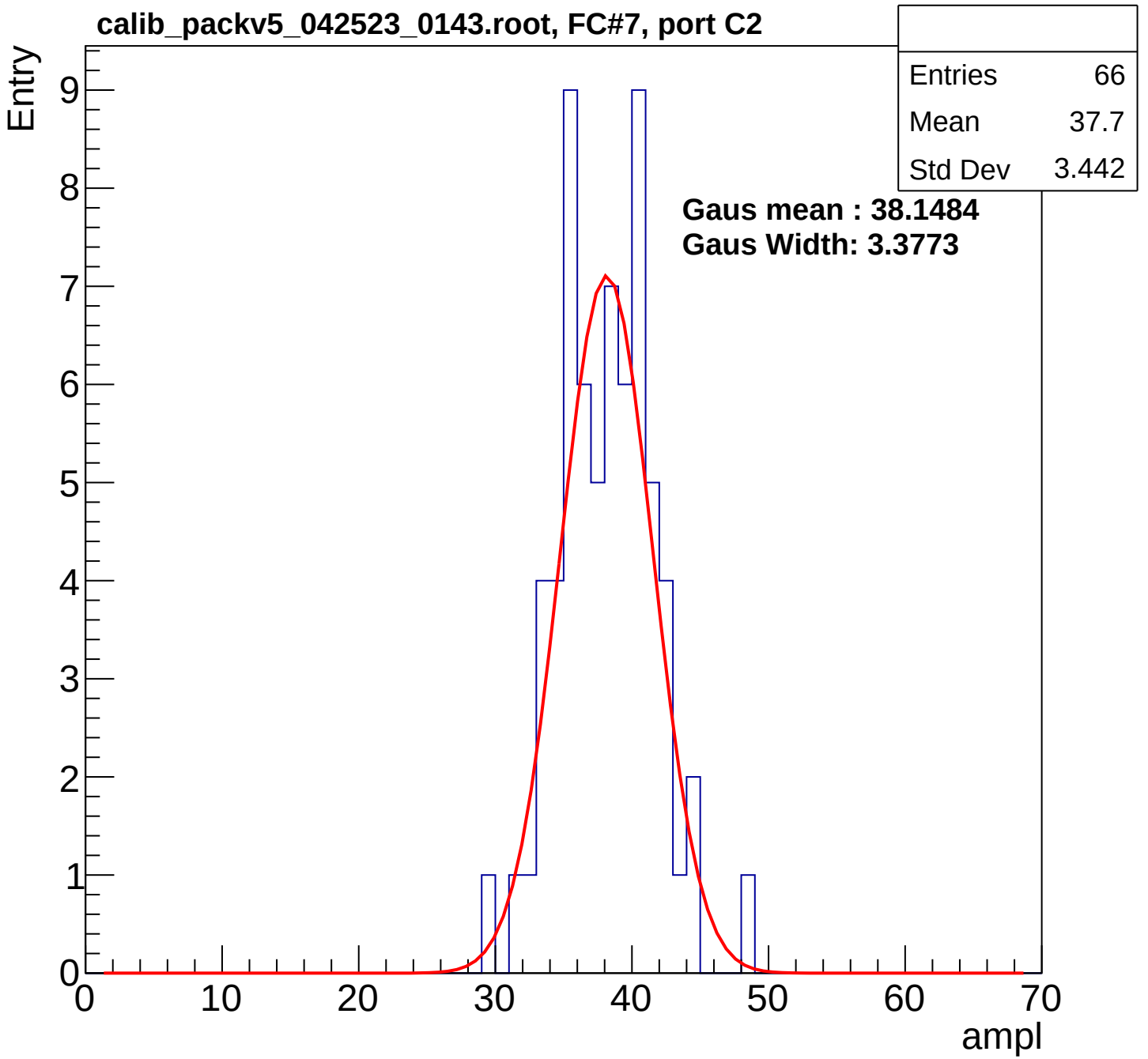

B1L103S, U21-ch46, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 54.64
Std Dev 3.785
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

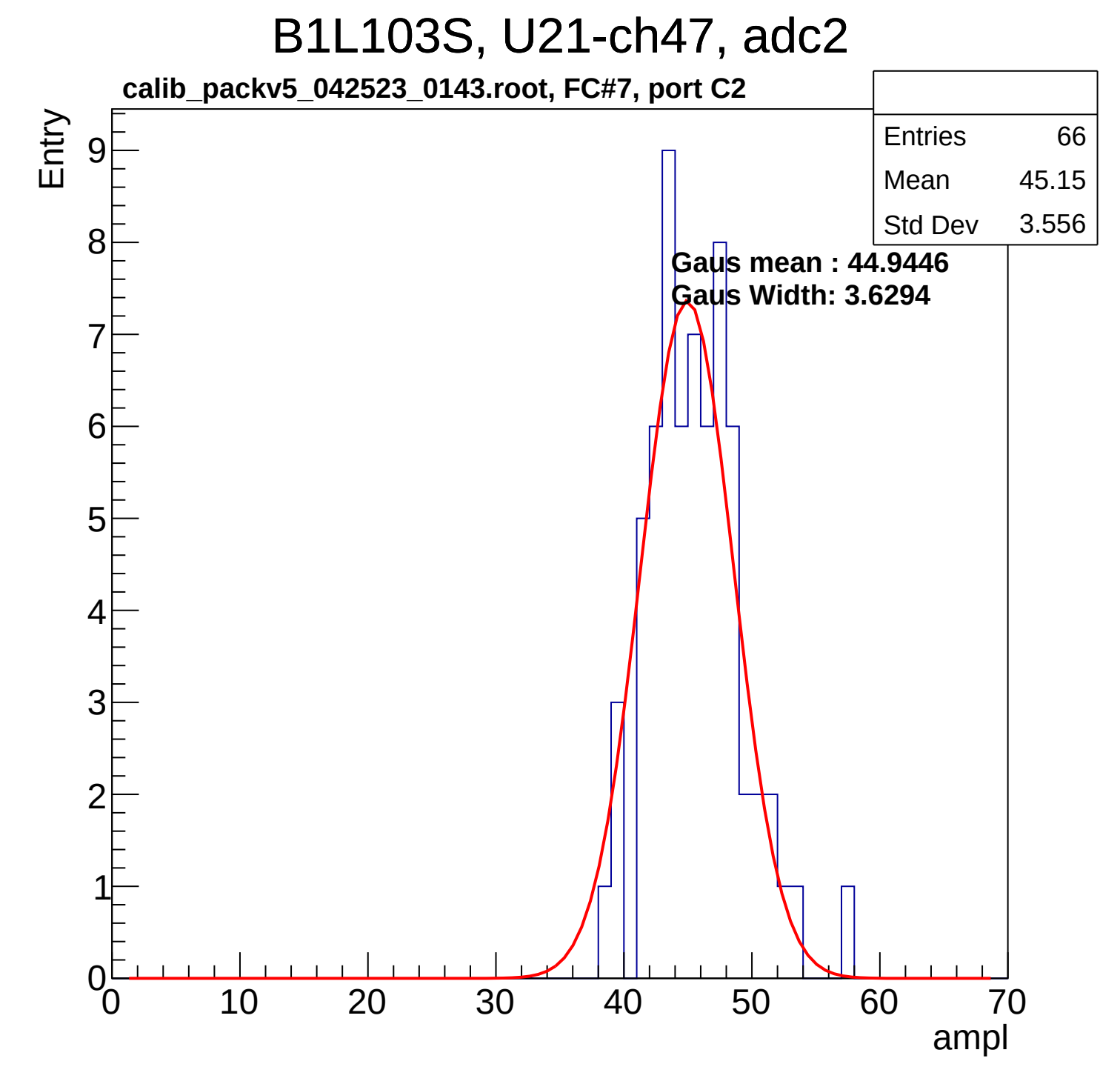

B1L103S, U21-ch46, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 48
Mean 57.92
Std Dev 8.976
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

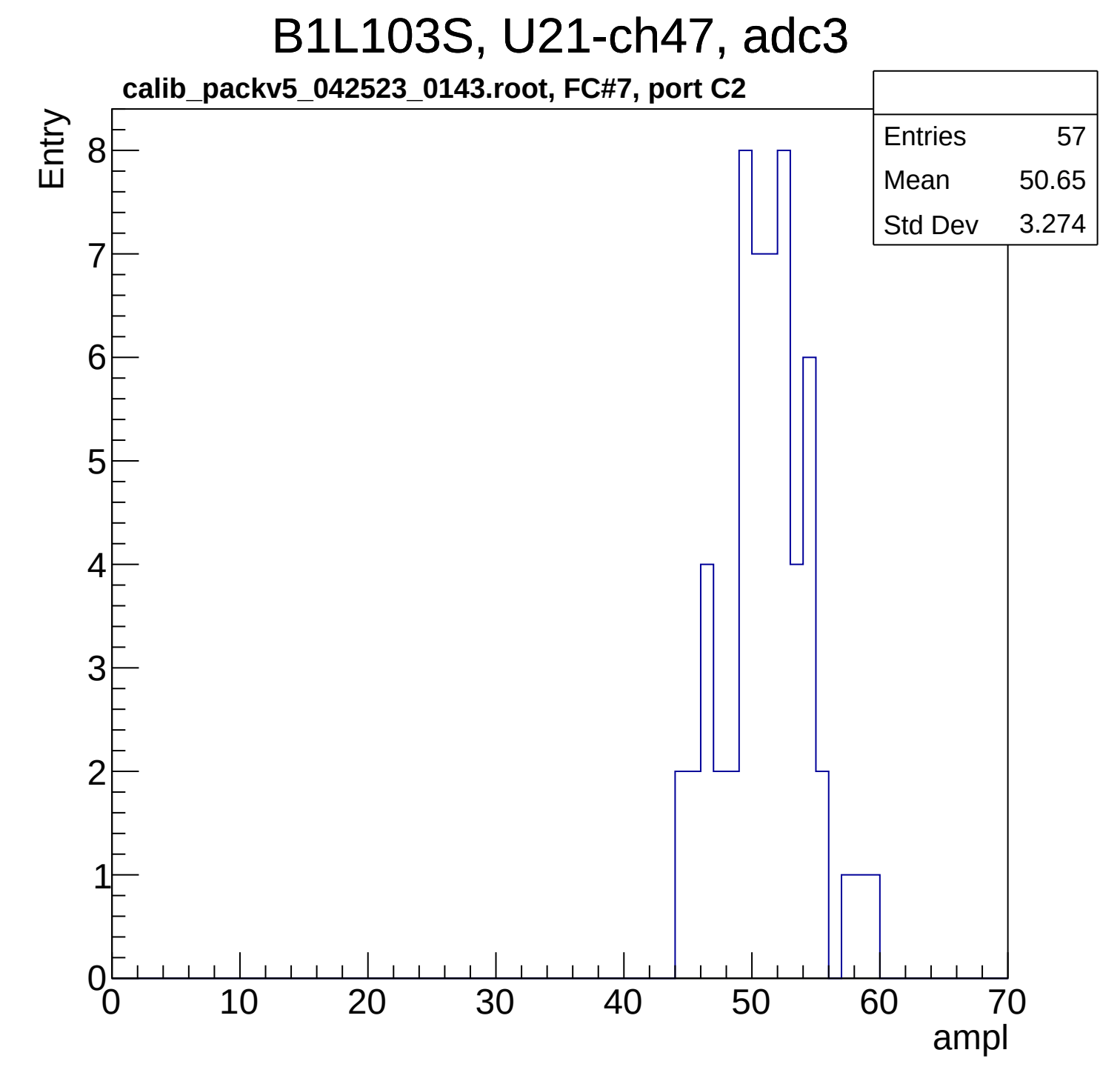

B1L103S, U21-ch46, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 12
Mean 61.08
Std Dev 1.32
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

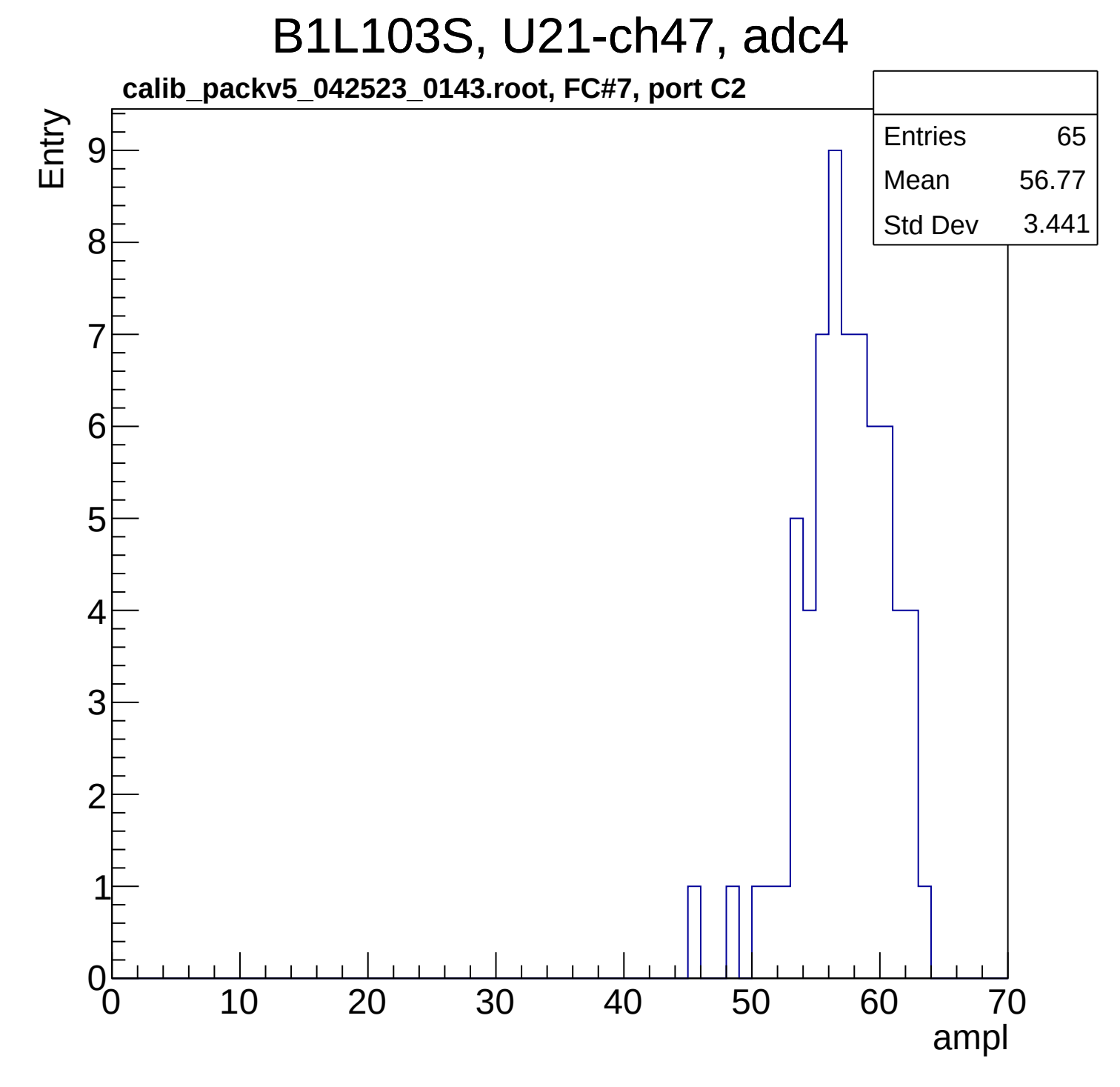

B1L103S, U21-ch46, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

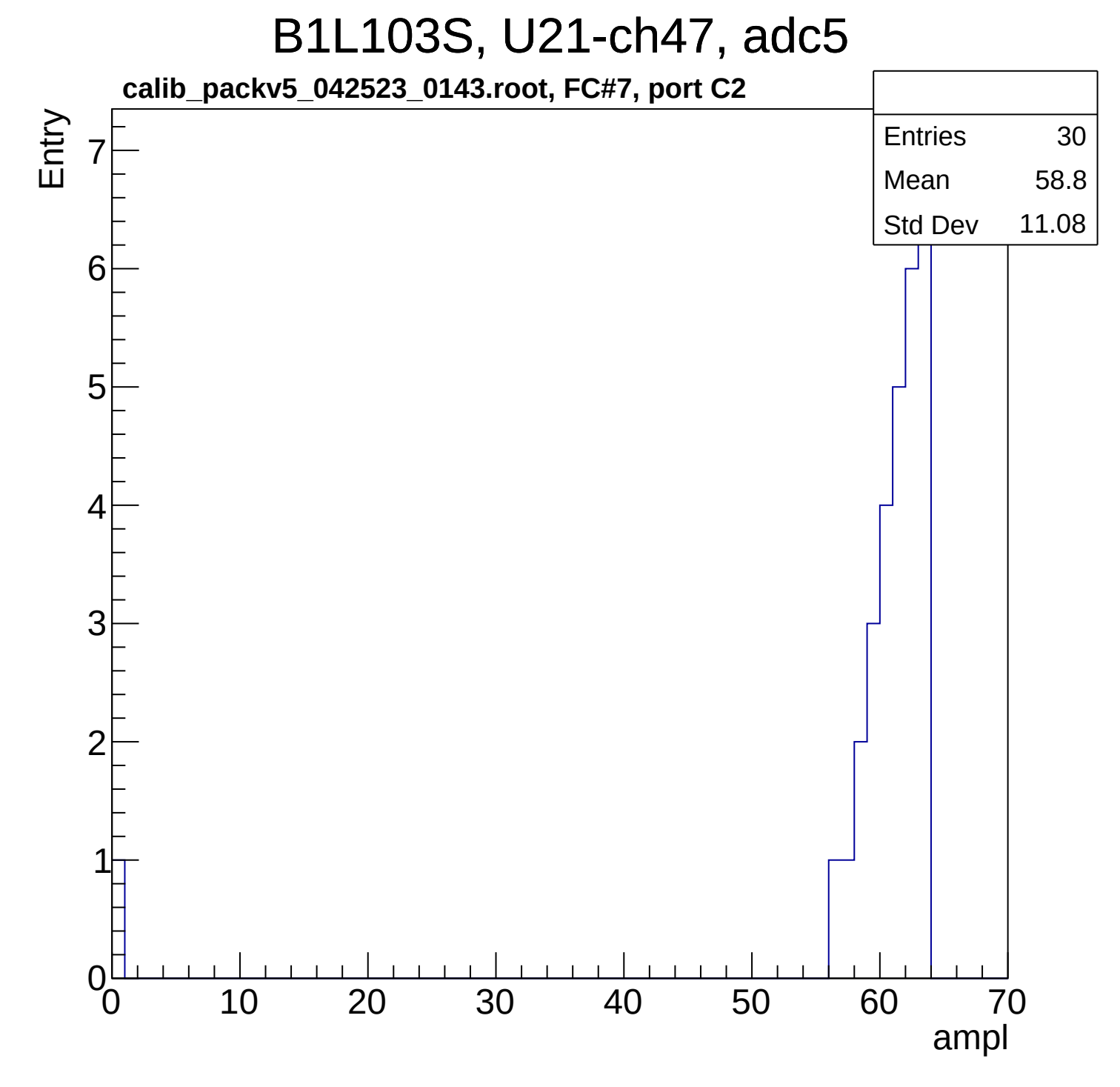

B1L103S, U21-ch47, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 78
Mean 31.06
Std Dev 3.946
Gaus mean : 31.2278
Gaus Width: 3.1088
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

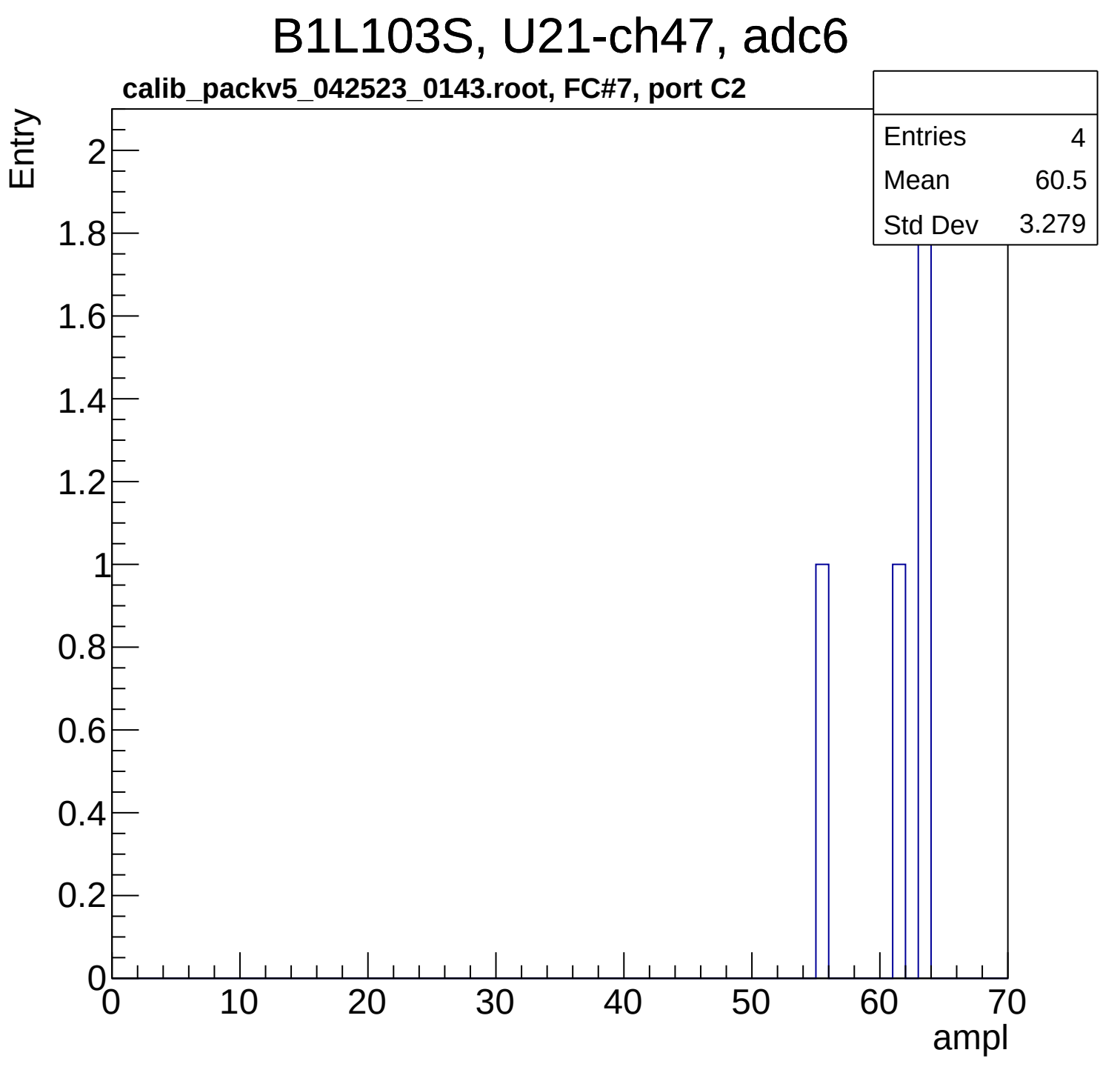

B1L103S, U21-ch47, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 37.7
Std Dev 3.442
Gaus mean : 38.1484
Gaus Width: 3.3773
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

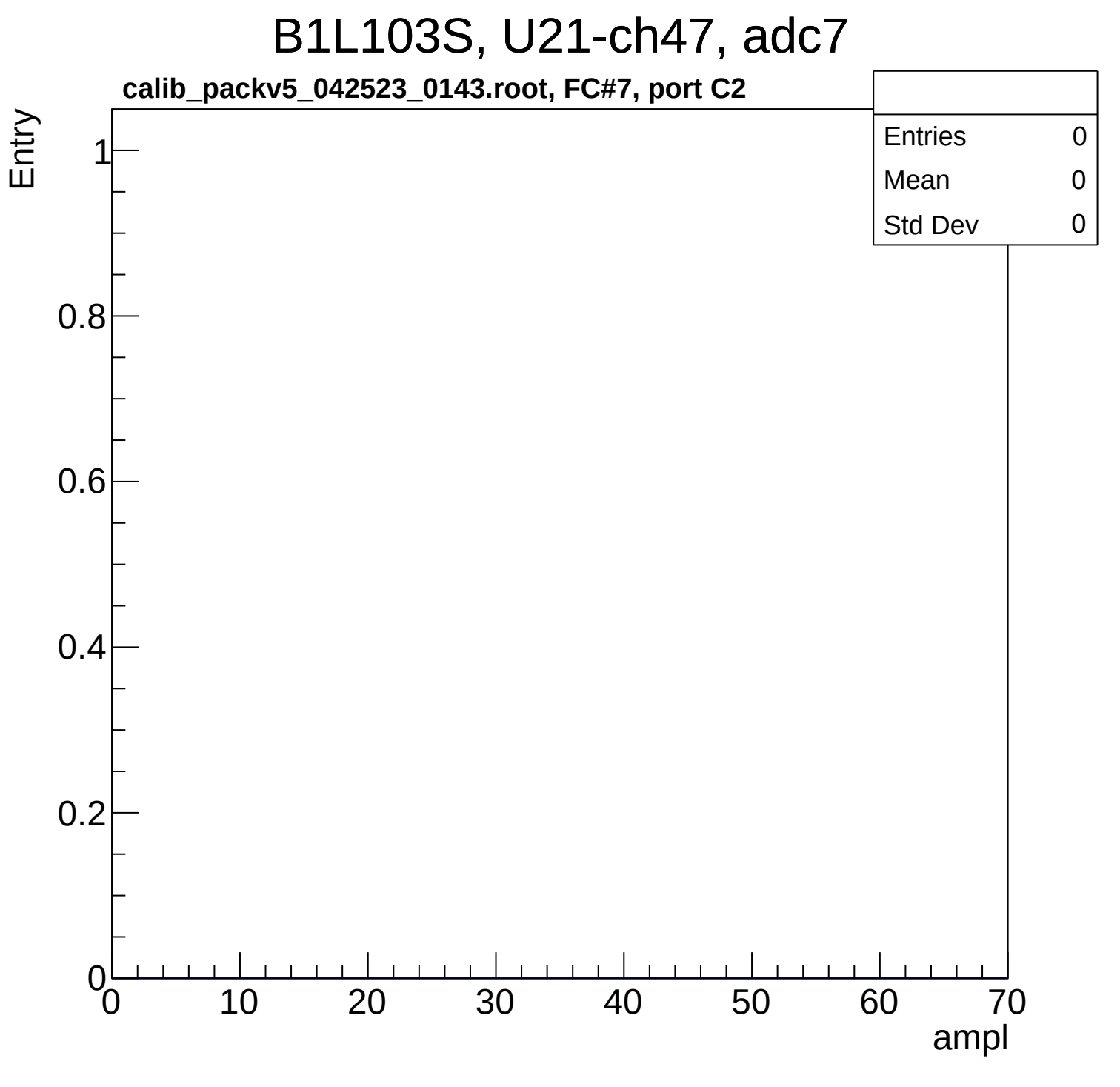

B1L103S, U21-ch47, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 45.15
Std Dev 3.556
Gaus mean : 44.9446
Gaus Width: 3.6294
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

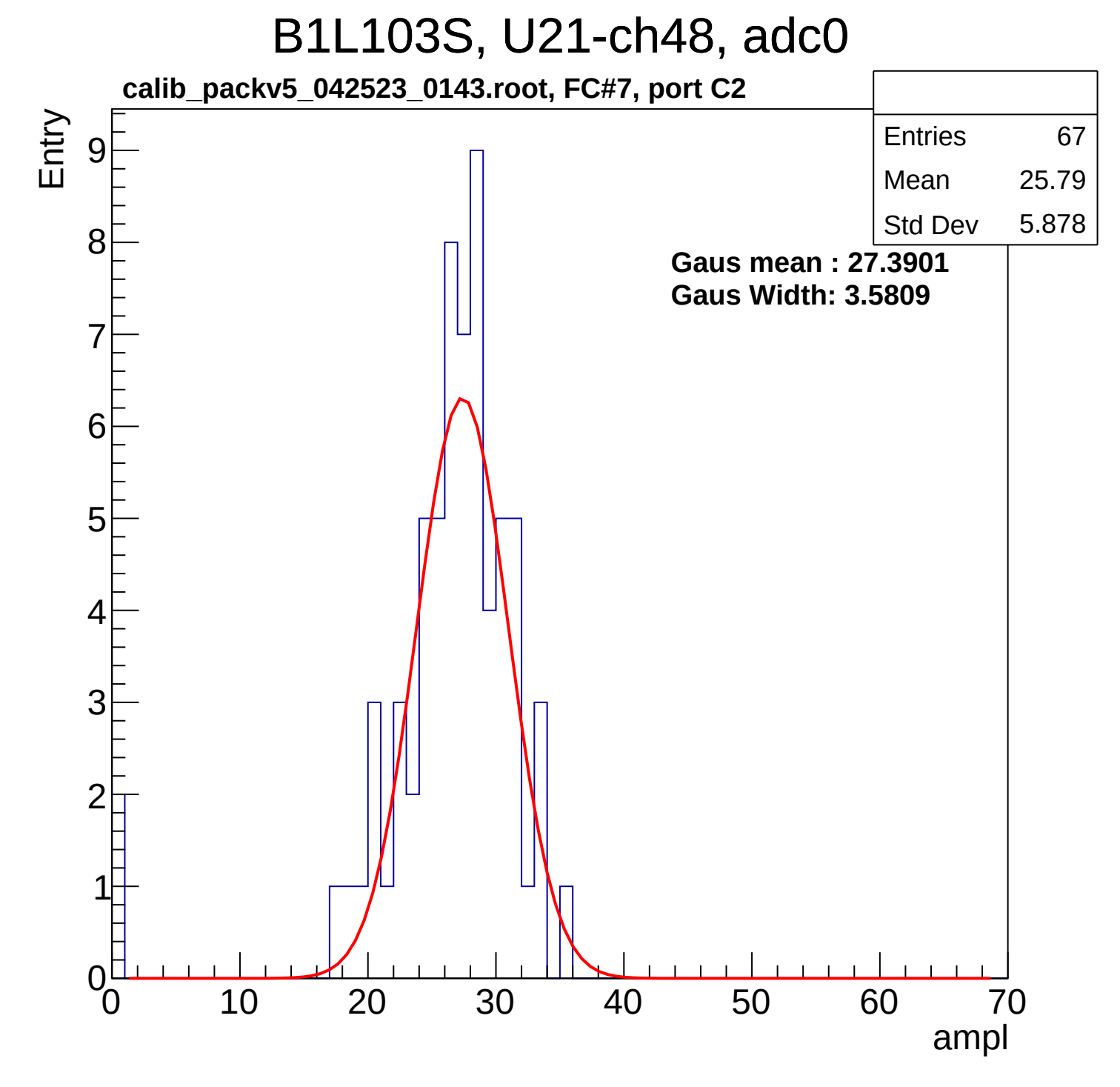

B1L103S, U21-ch47, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 50.65
Std Dev 3.274
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

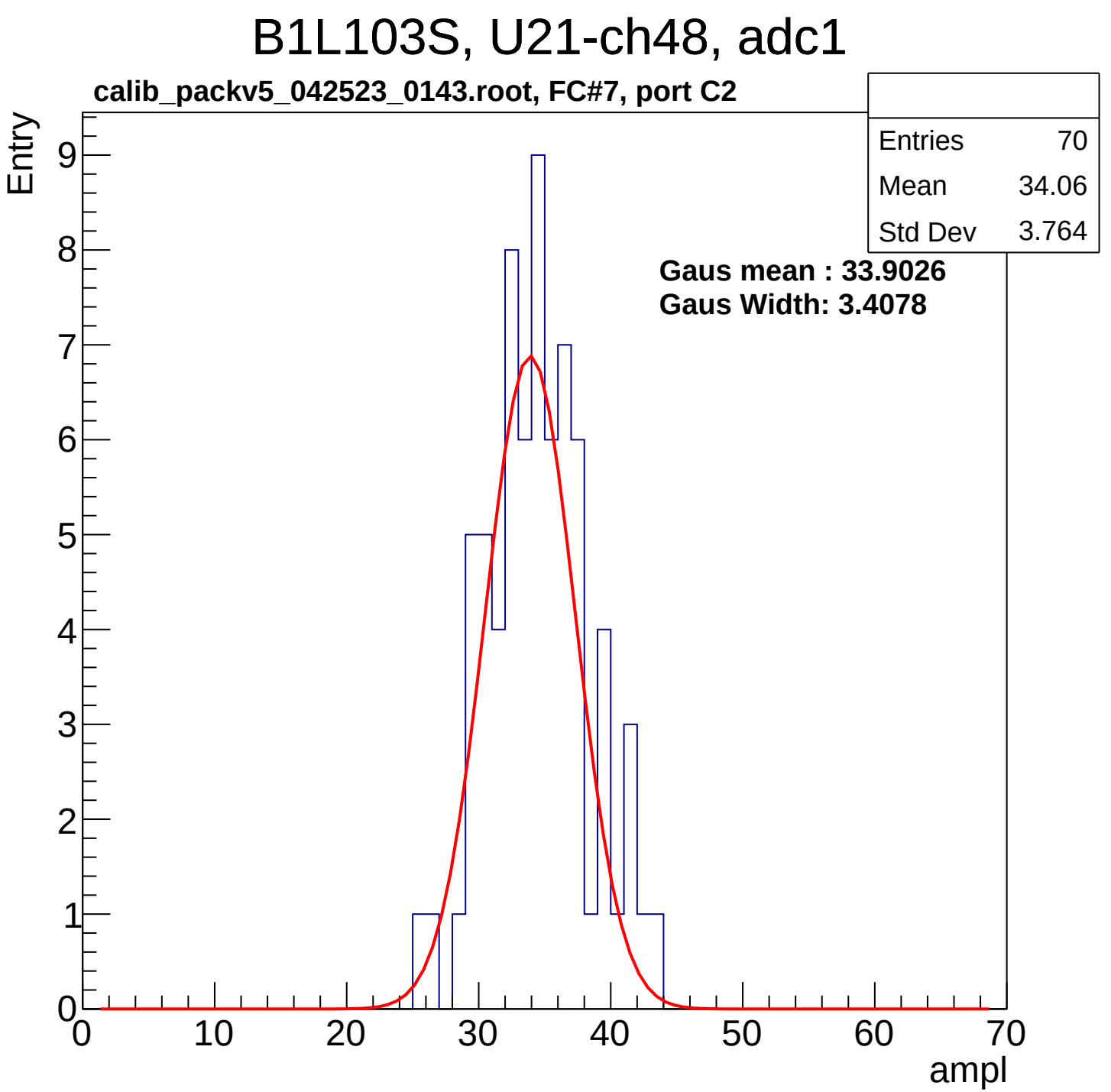

B1L103S, U21-ch47, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 56.77
Std Dev 3.441
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

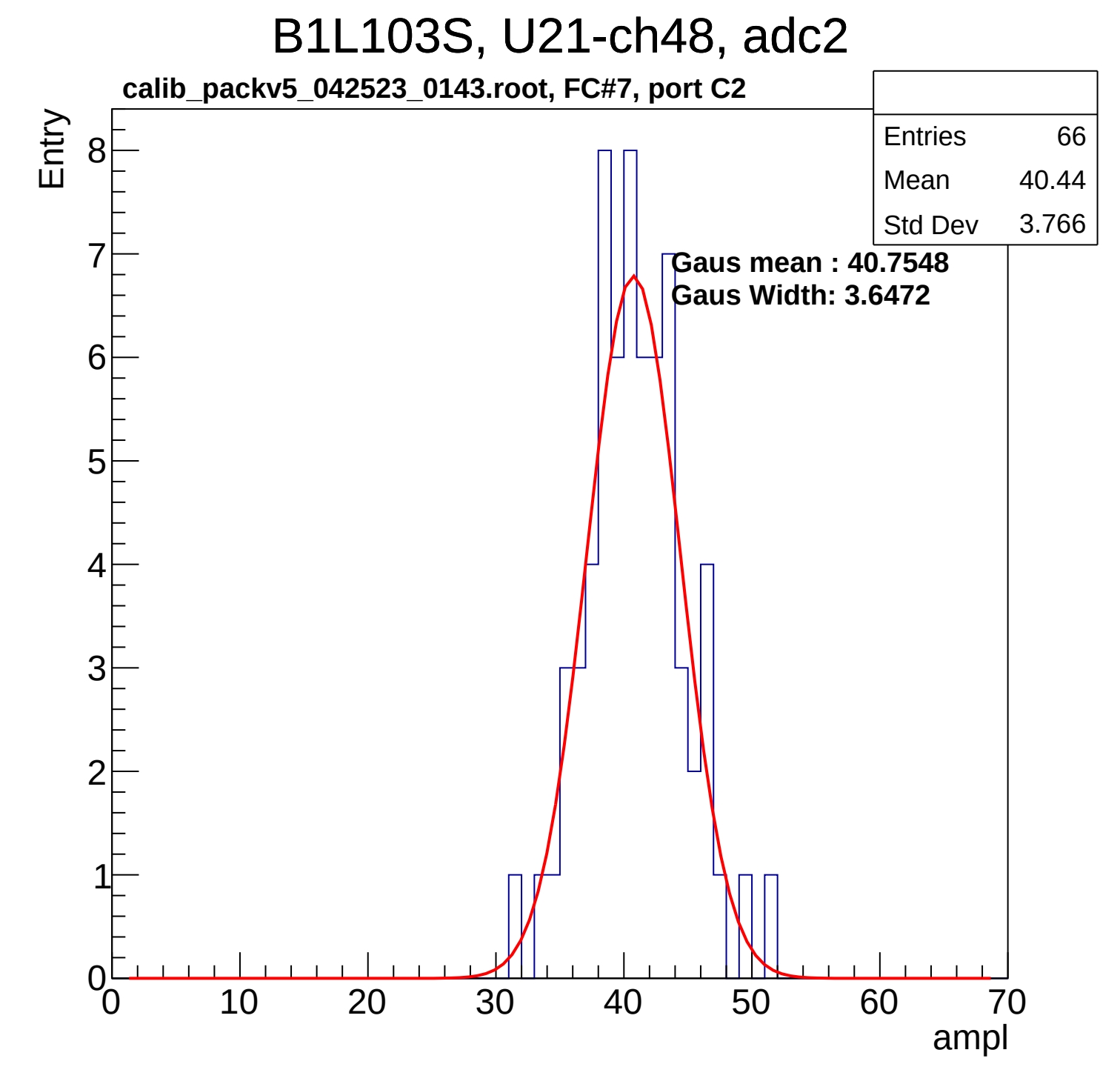

B1L103S, U21-ch47, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 30
Mean 58.8
Std Dev 11.08
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl

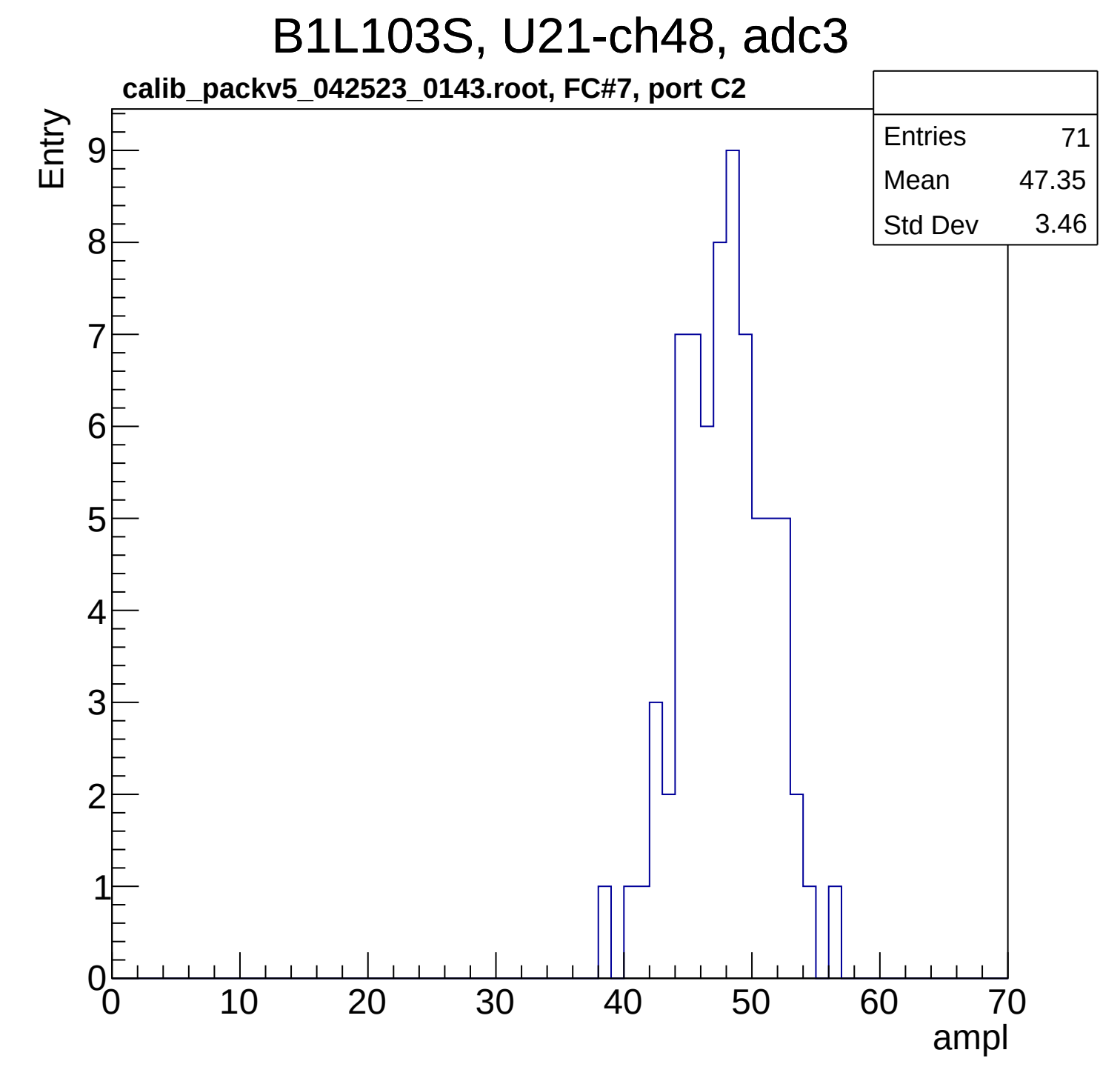

B1L103S, U21-ch47, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 4
Mean 60.5
Std Dev 3.279
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

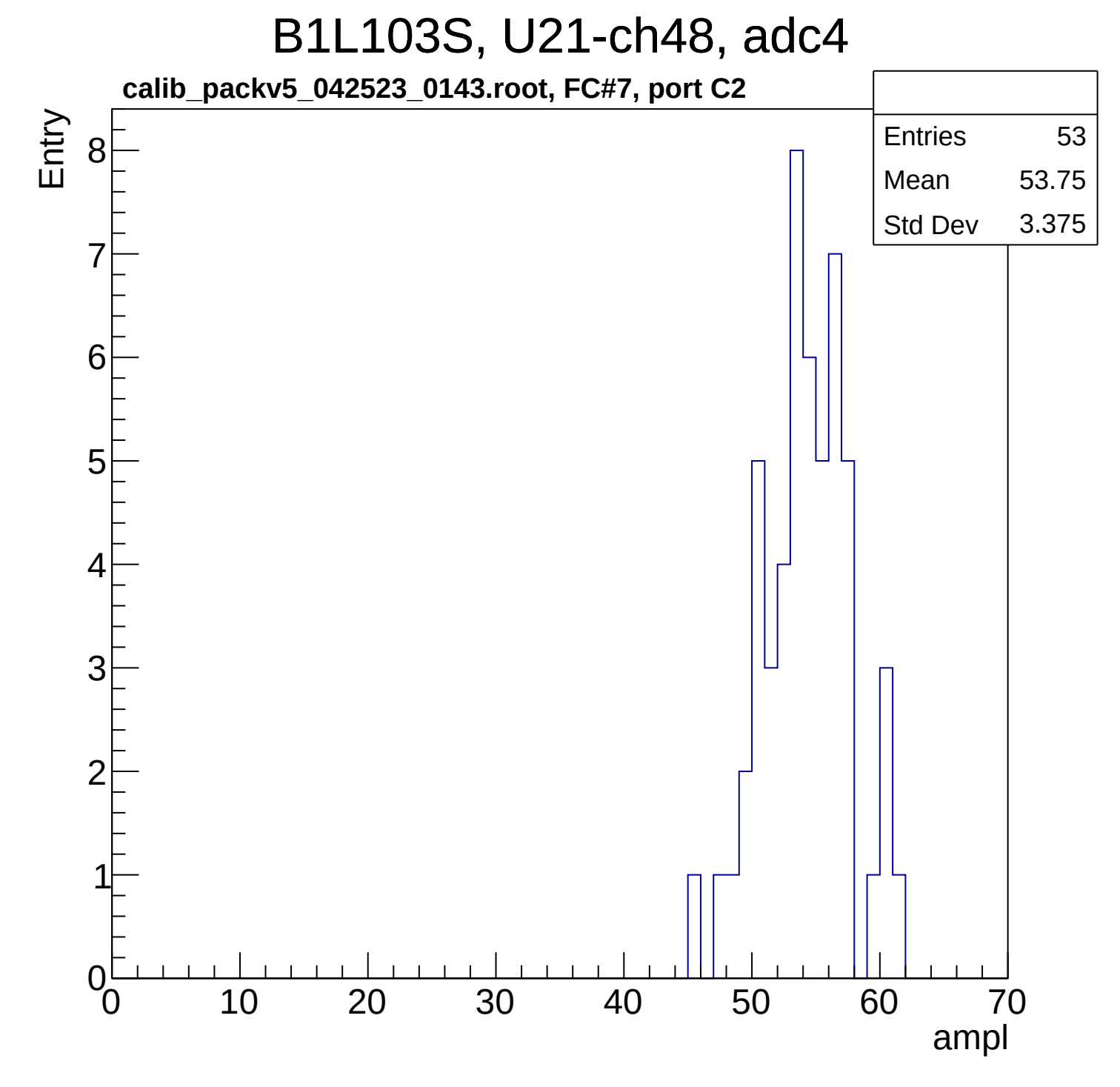

B1L103S, U21-ch47, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

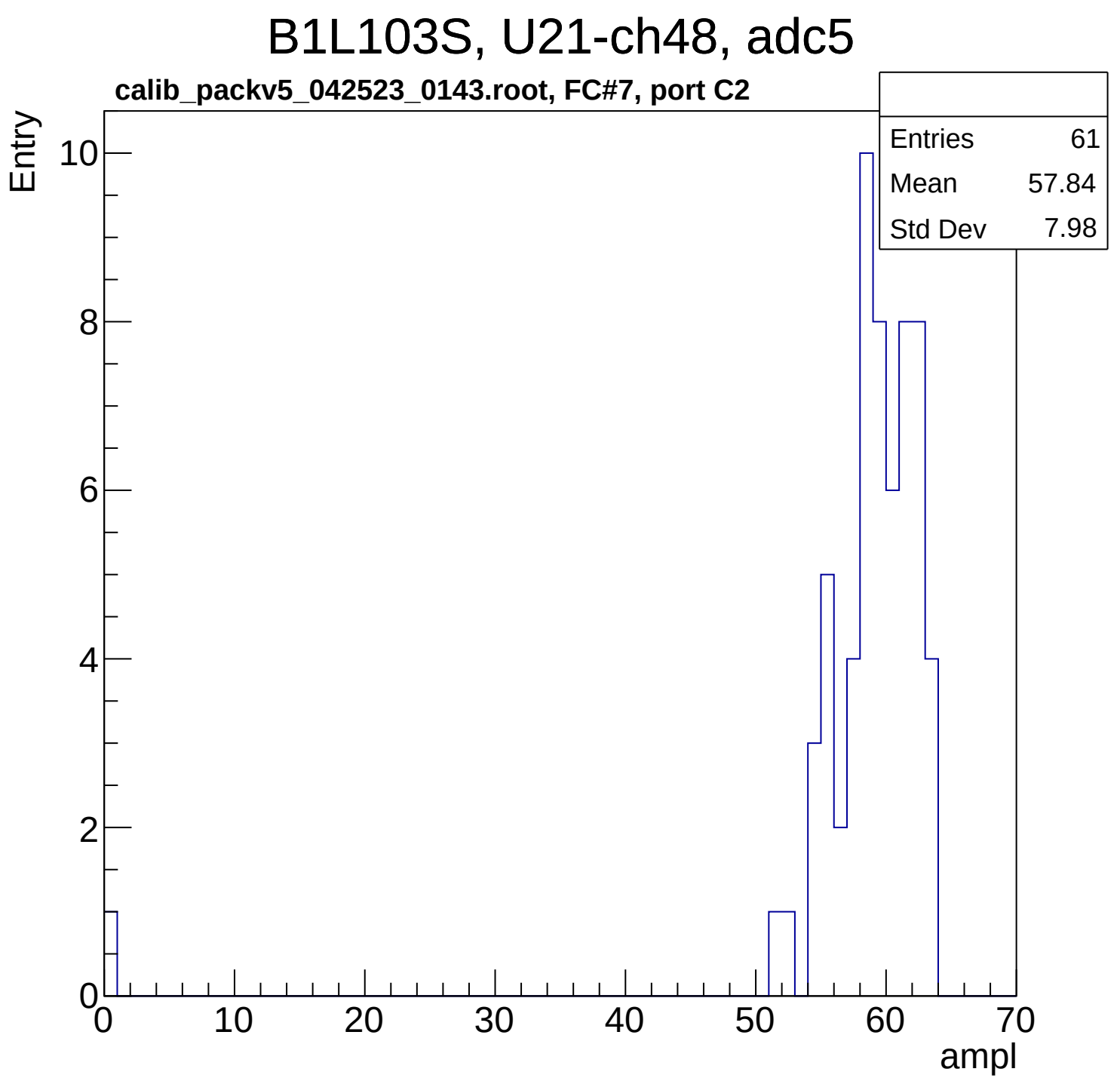

B1L103S, U21-ch48, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 25.79
Std Dev 5.878
Gaus mean : 27.3901
Gaus Width: 3.5809
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

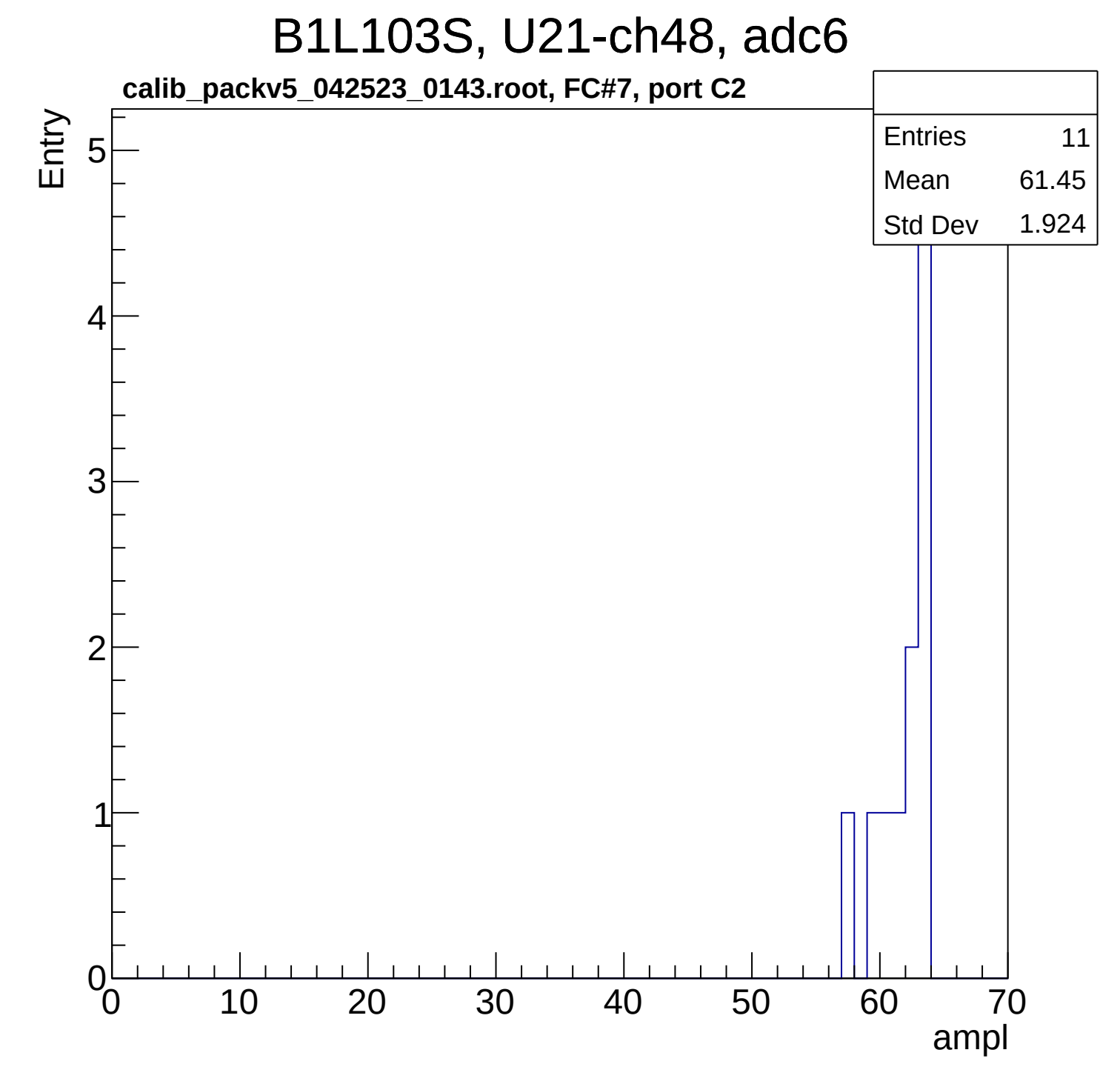

B1L103S, U21-ch48, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 34.06
Std Dev 3.764
Gaus mean : 33.9026
Gaus Width: 3.4078
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

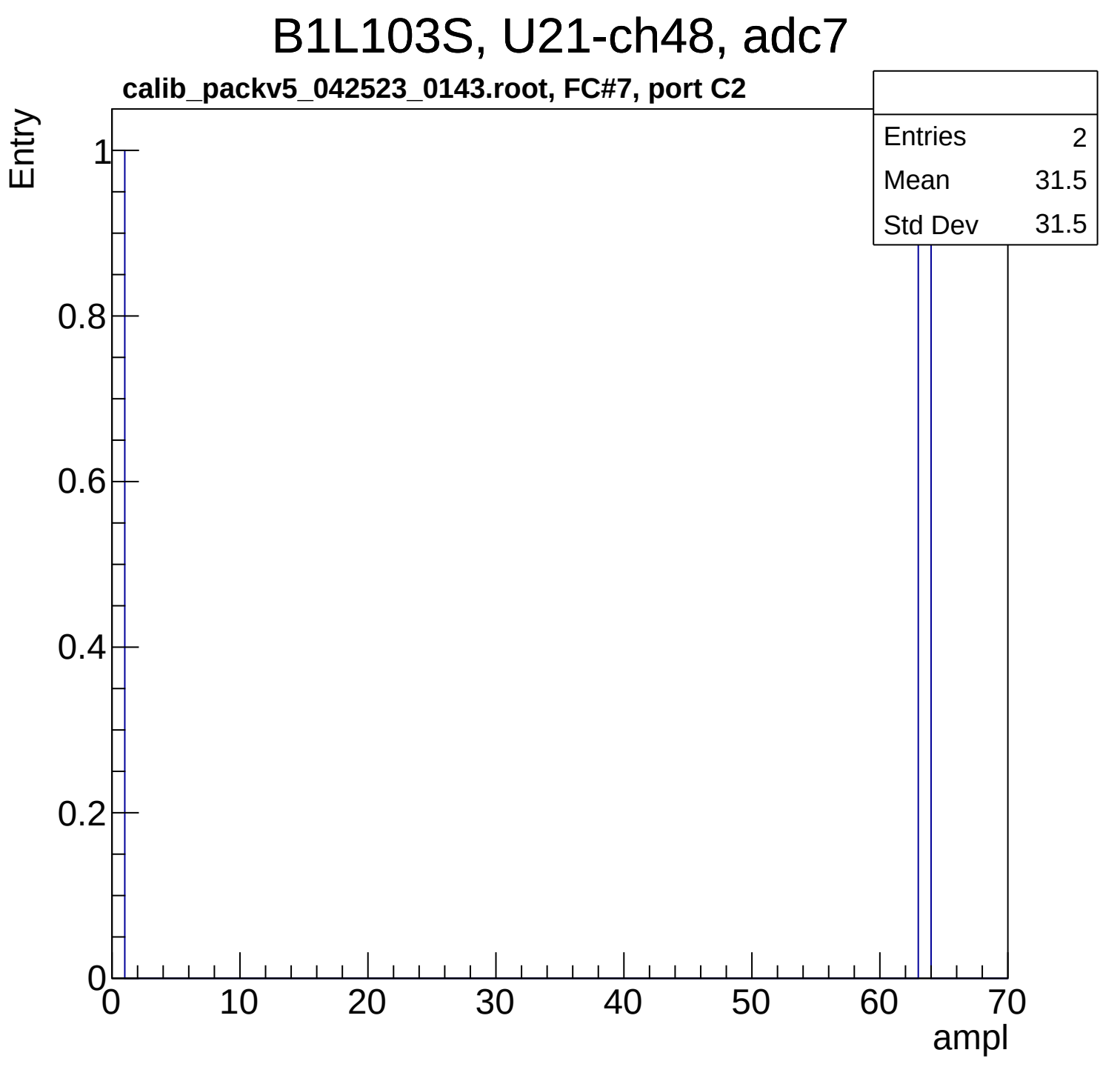

B1L103S, U21-ch48, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 40.44
Std Dev 3.766
Gaus mean : 40.7548
Gaus Width: 3.6472
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

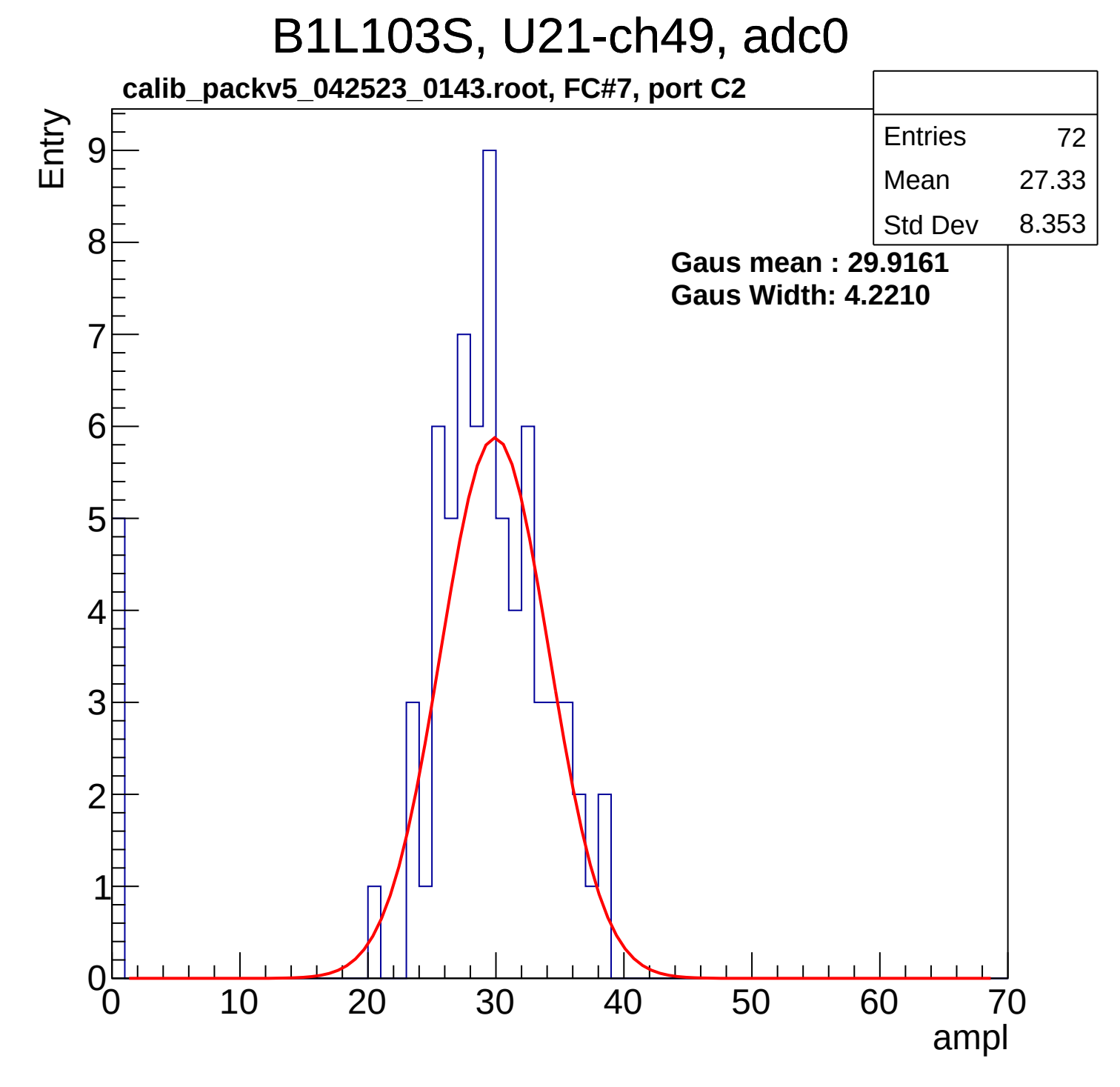

B1L103S, U21-ch48, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 47.35
Std Dev 3.46
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

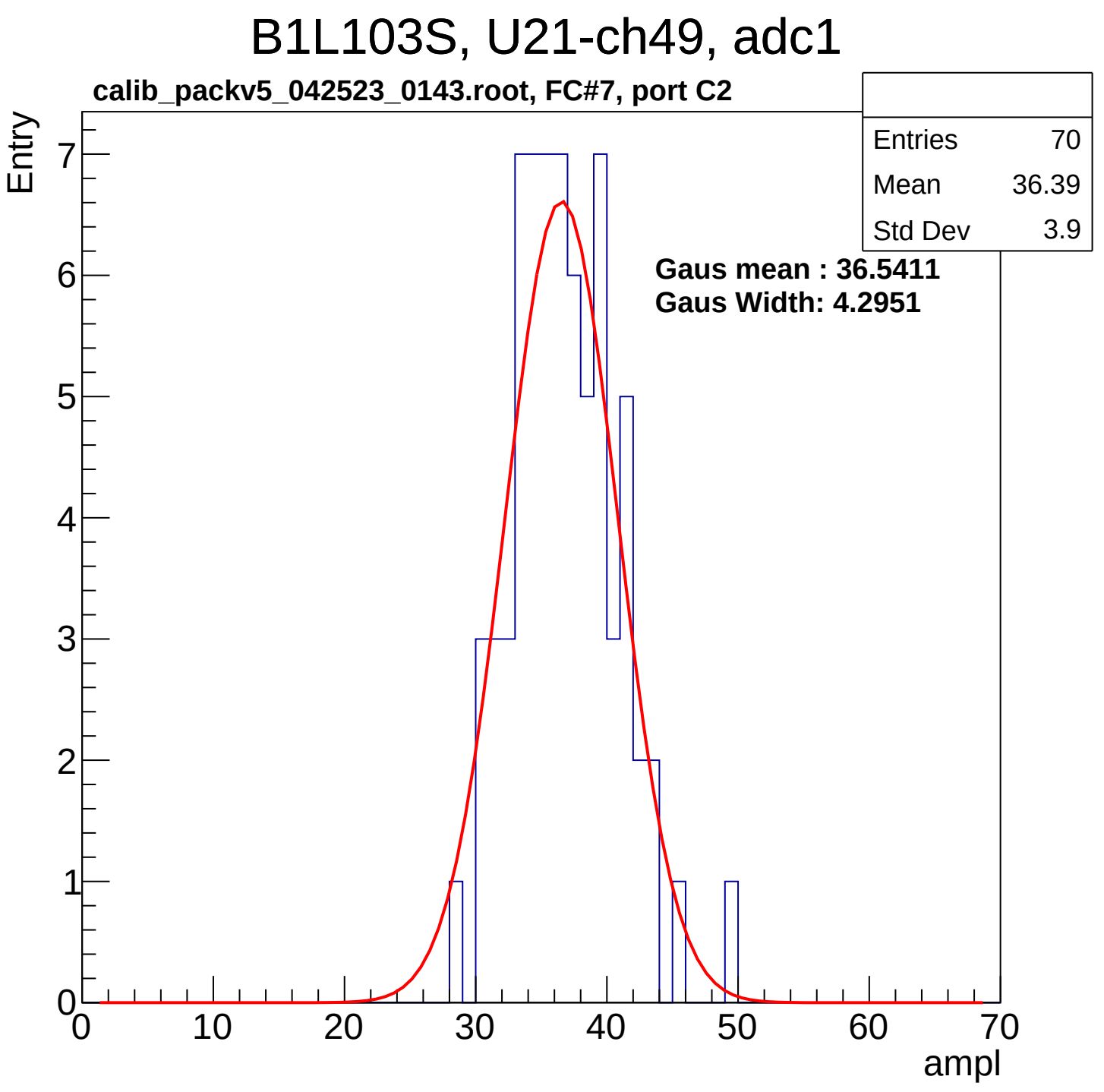

B1L103S, U21-ch48, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 53
Mean 53.75
Std Dev 3.375
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

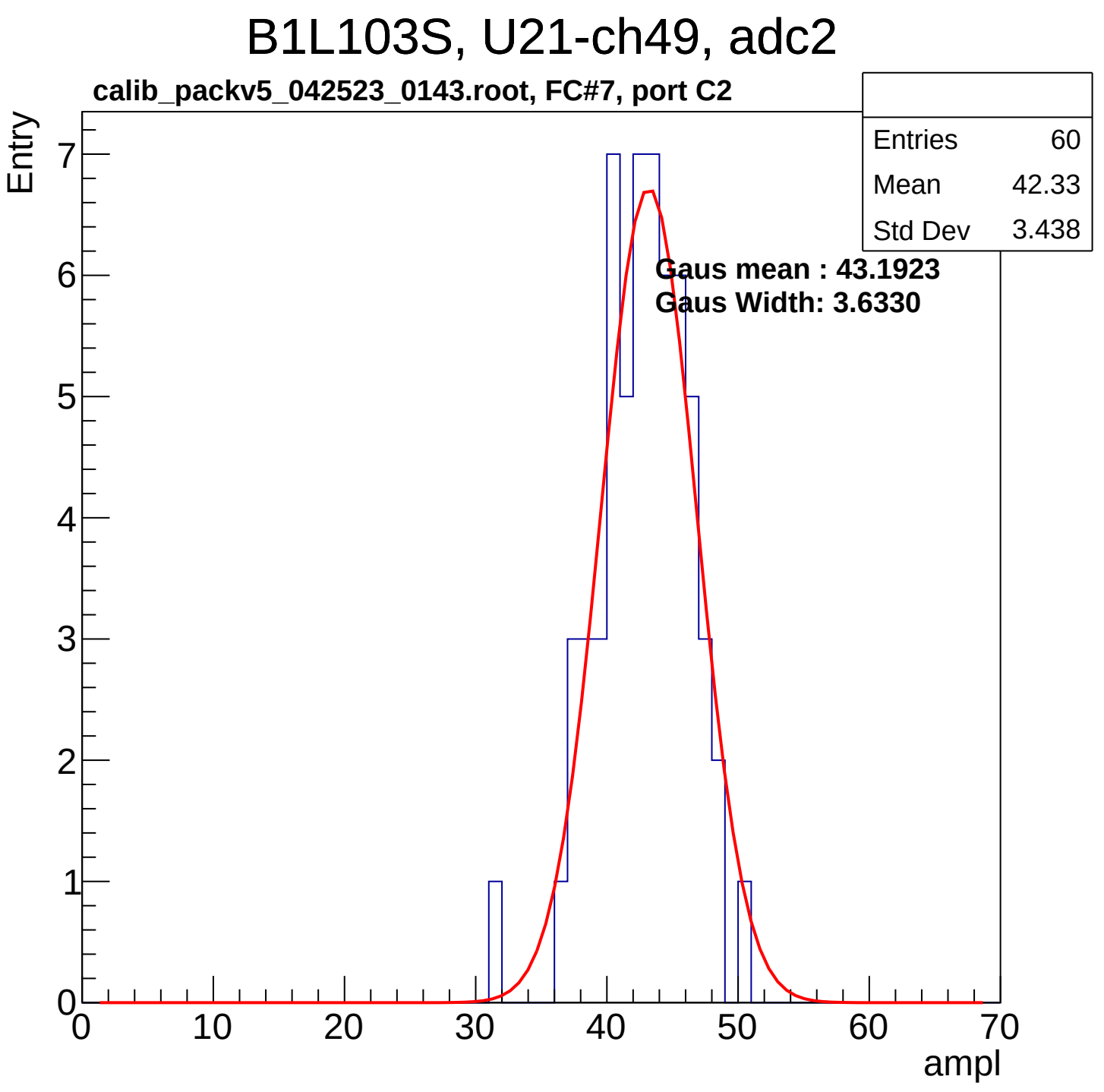

B1L103S, U21-ch48, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 57.84
Std Dev 7.98
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

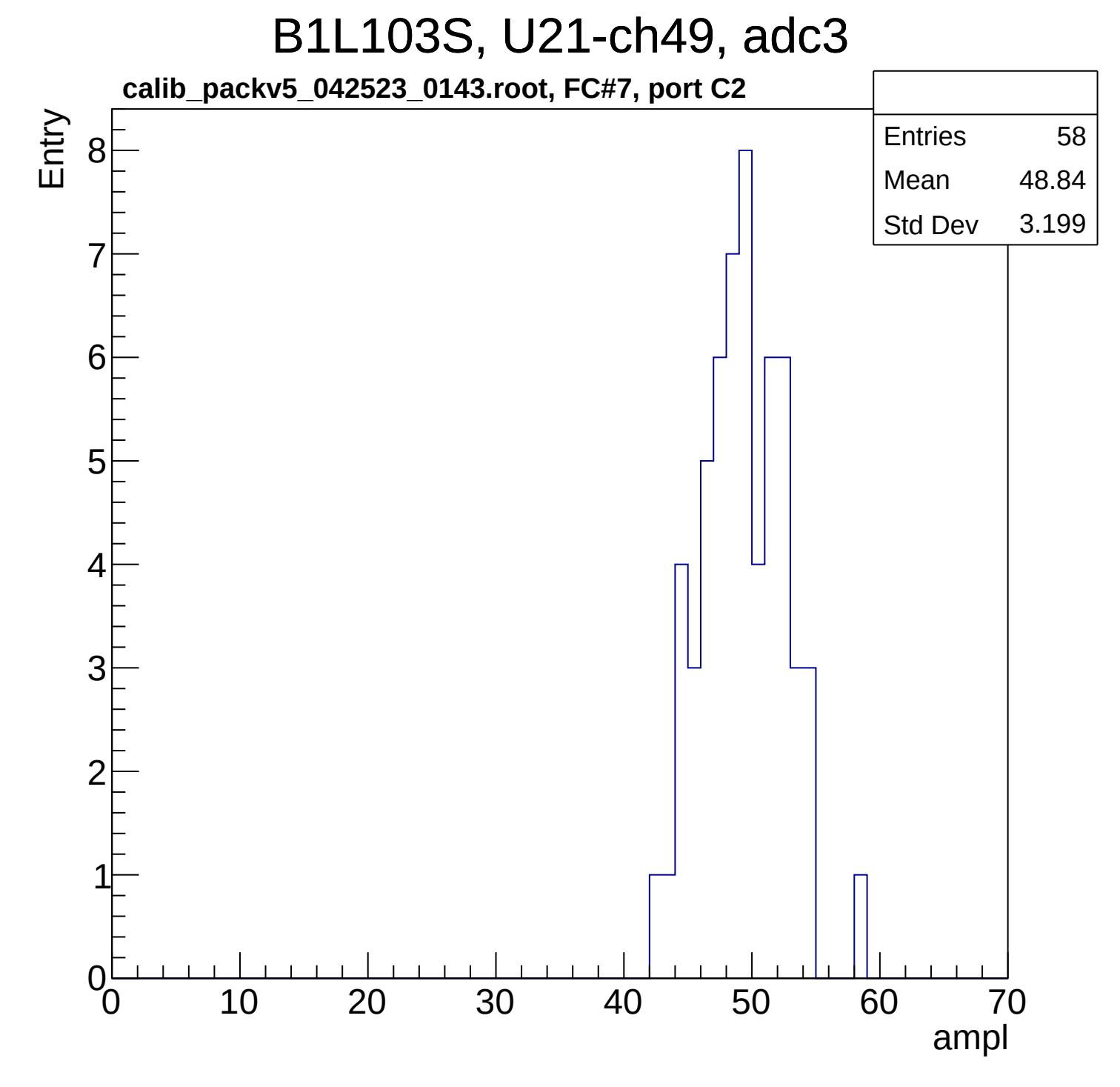

B1L103S, U21-ch48, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 11
Mean 61.45
Std Dev 1.924
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L103S, U21-ch48, 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, U21-ch49, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 27.33
Std Dev 8.353
Gaus mean : 29.9161
Gaus Width: 4.2210
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch49, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 36.39
Std Dev 3.9
Gaus mean : 36.5411
Gaus Width: 4.2951
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch49, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 42.33
Std Dev 3.438
Gaus mean : 43.1923
Gaus Width: 3.6330
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch49, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 48.84
Std Dev 3.199
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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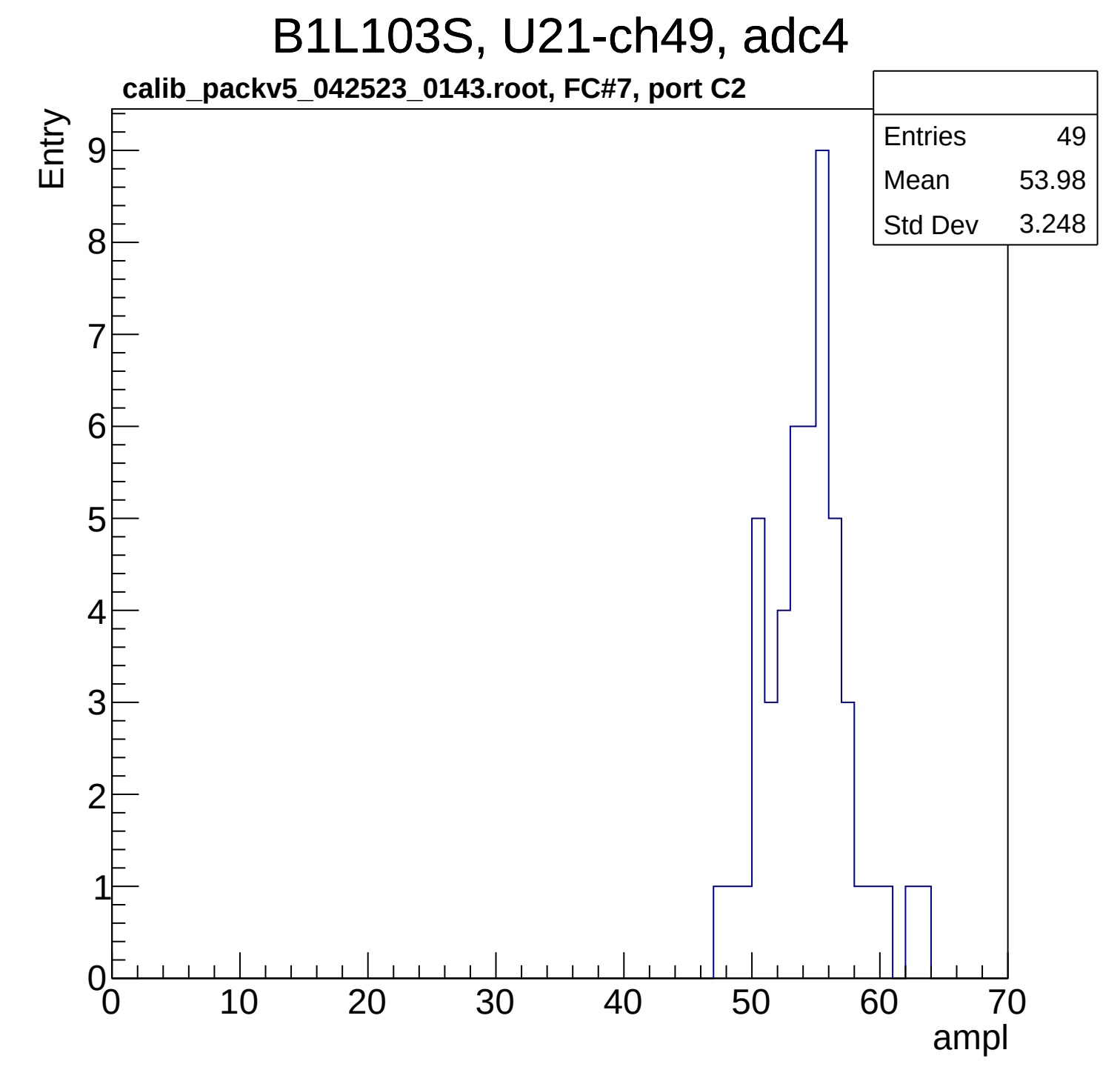
B1L103S, U21-ch49, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 53.98
Std Dev 3.248
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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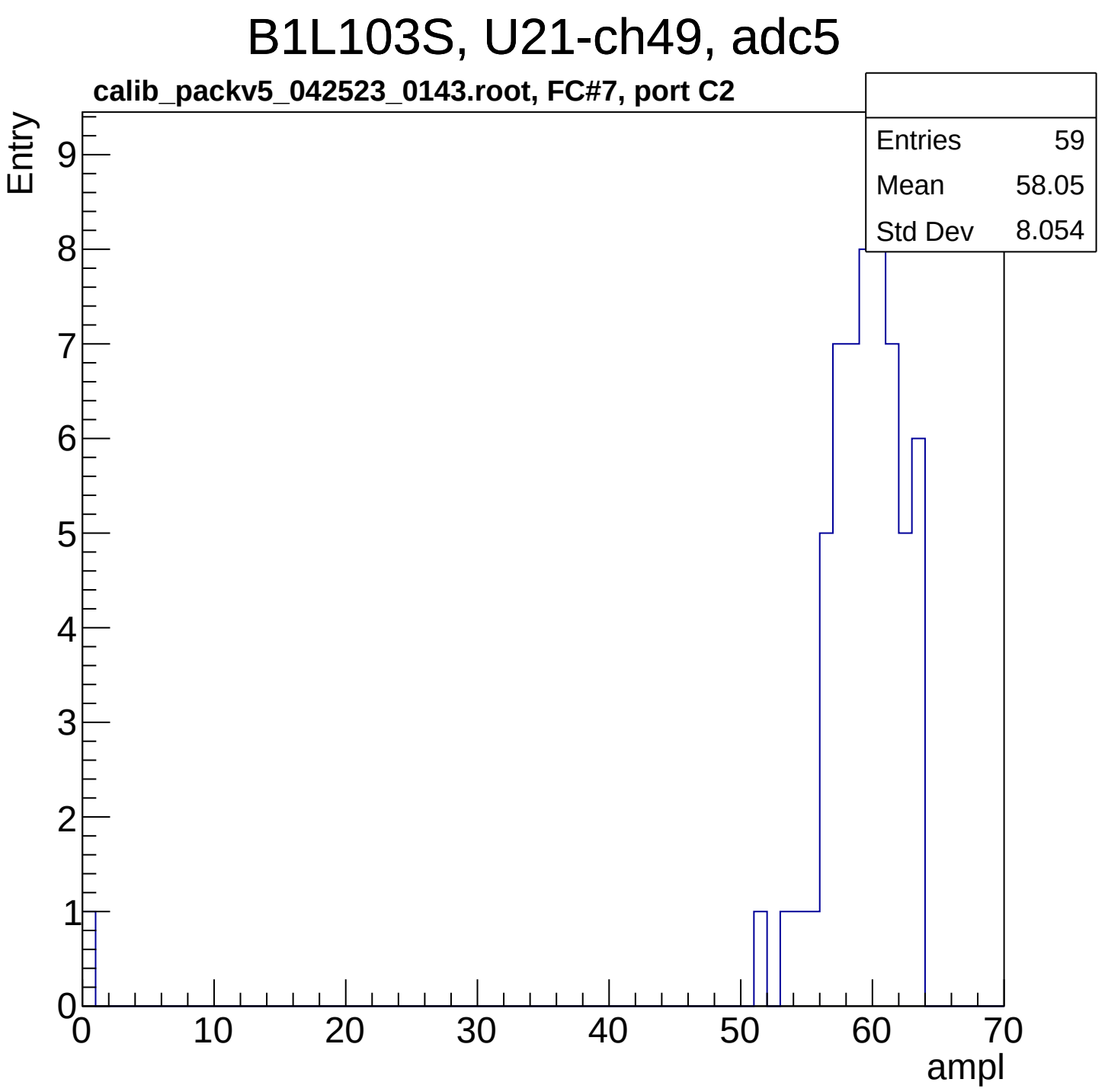
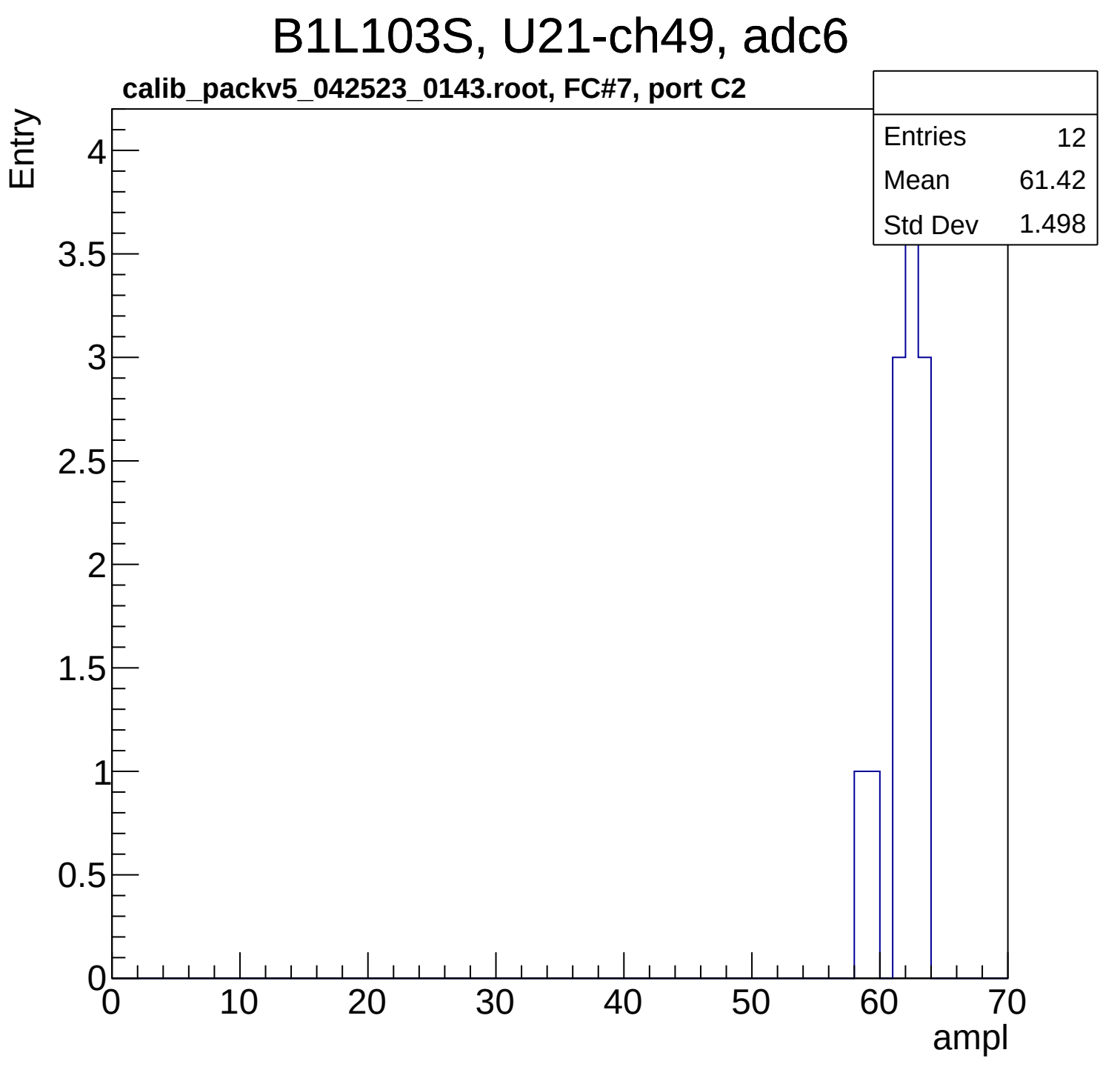
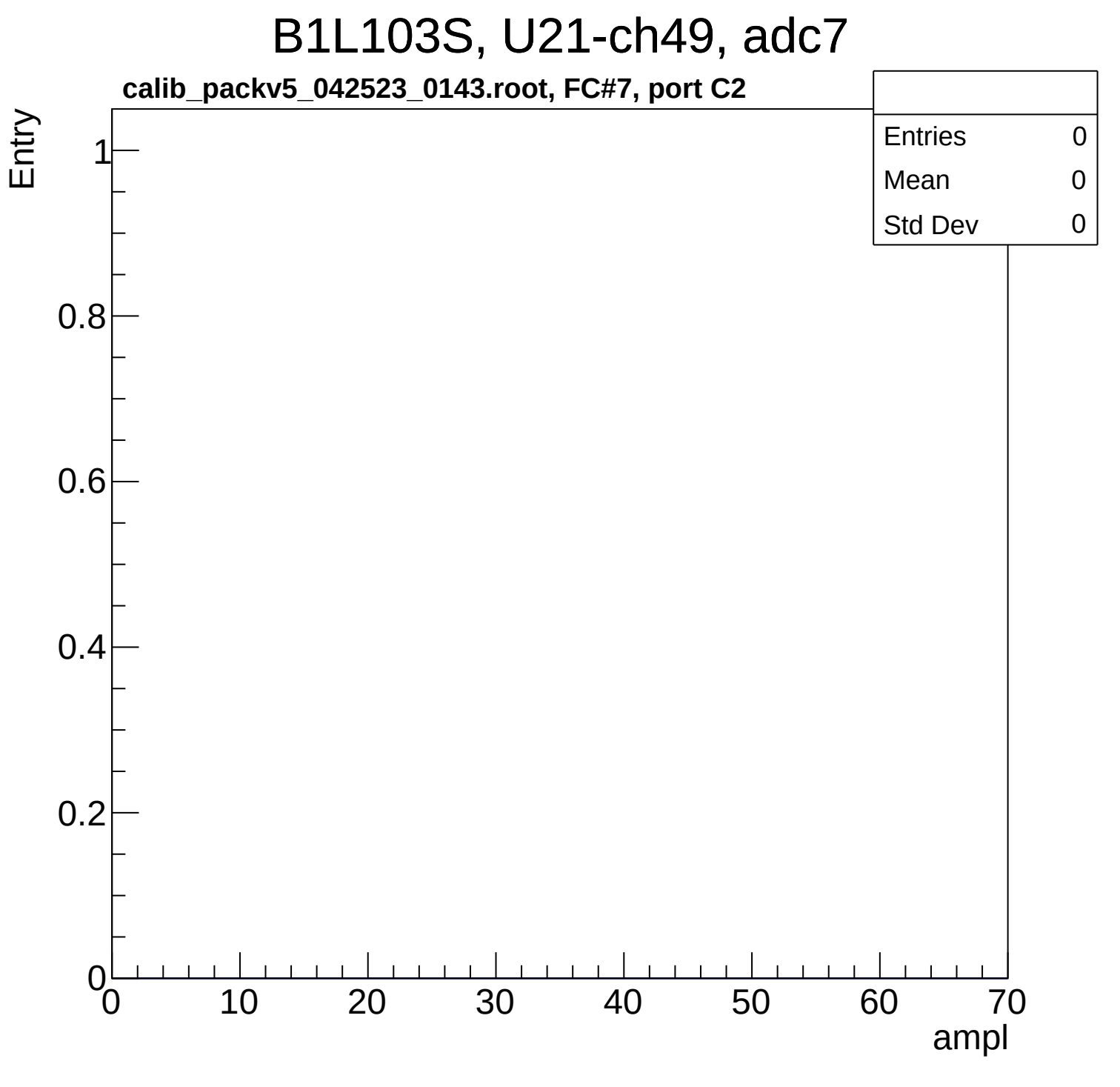

B1L103S, U21-ch49, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 58.05
Std Dev 8.054
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch49, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 12
Mean 61.42
Std Dev 1.498
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L103S, U21-ch49, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
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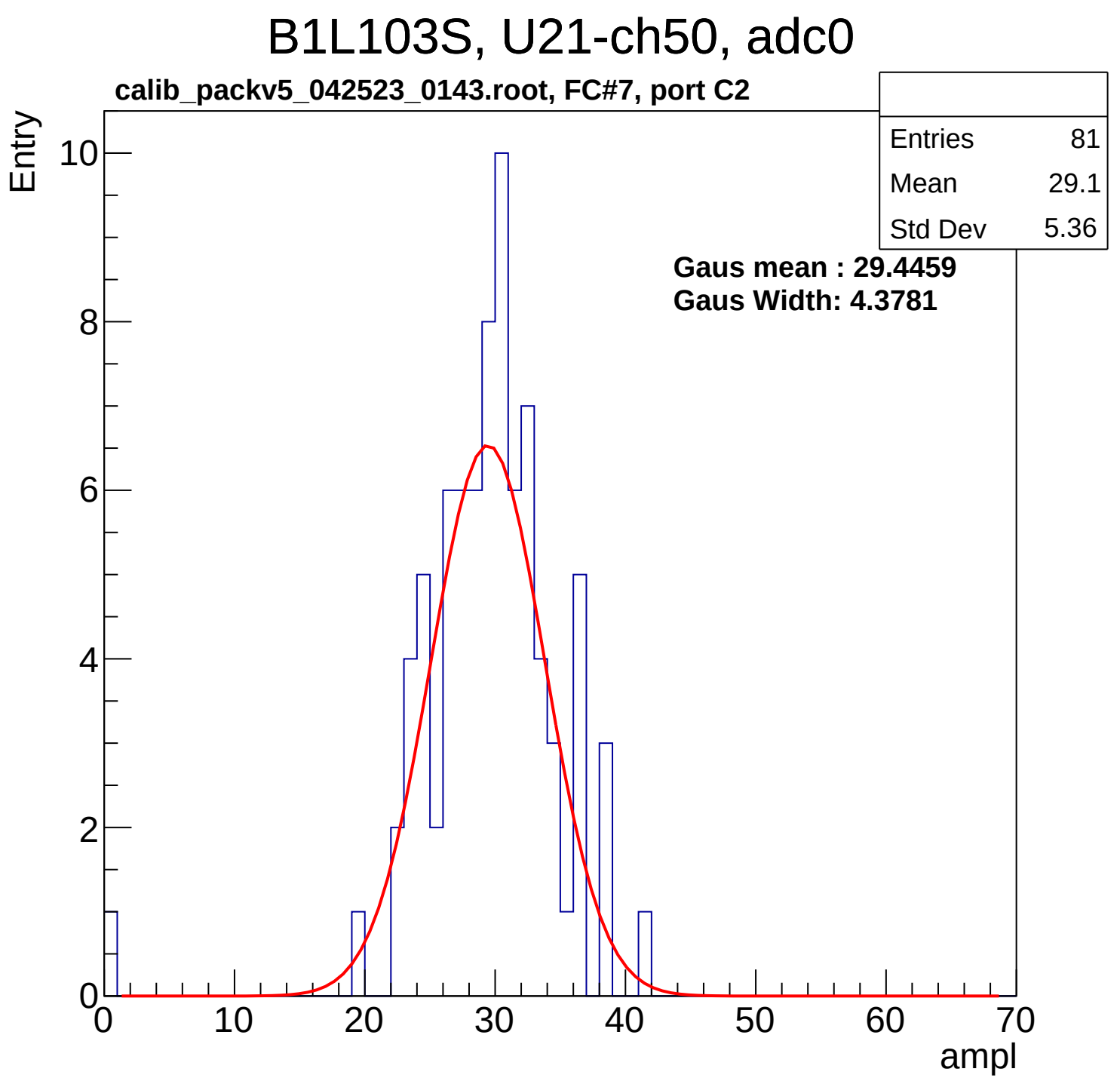
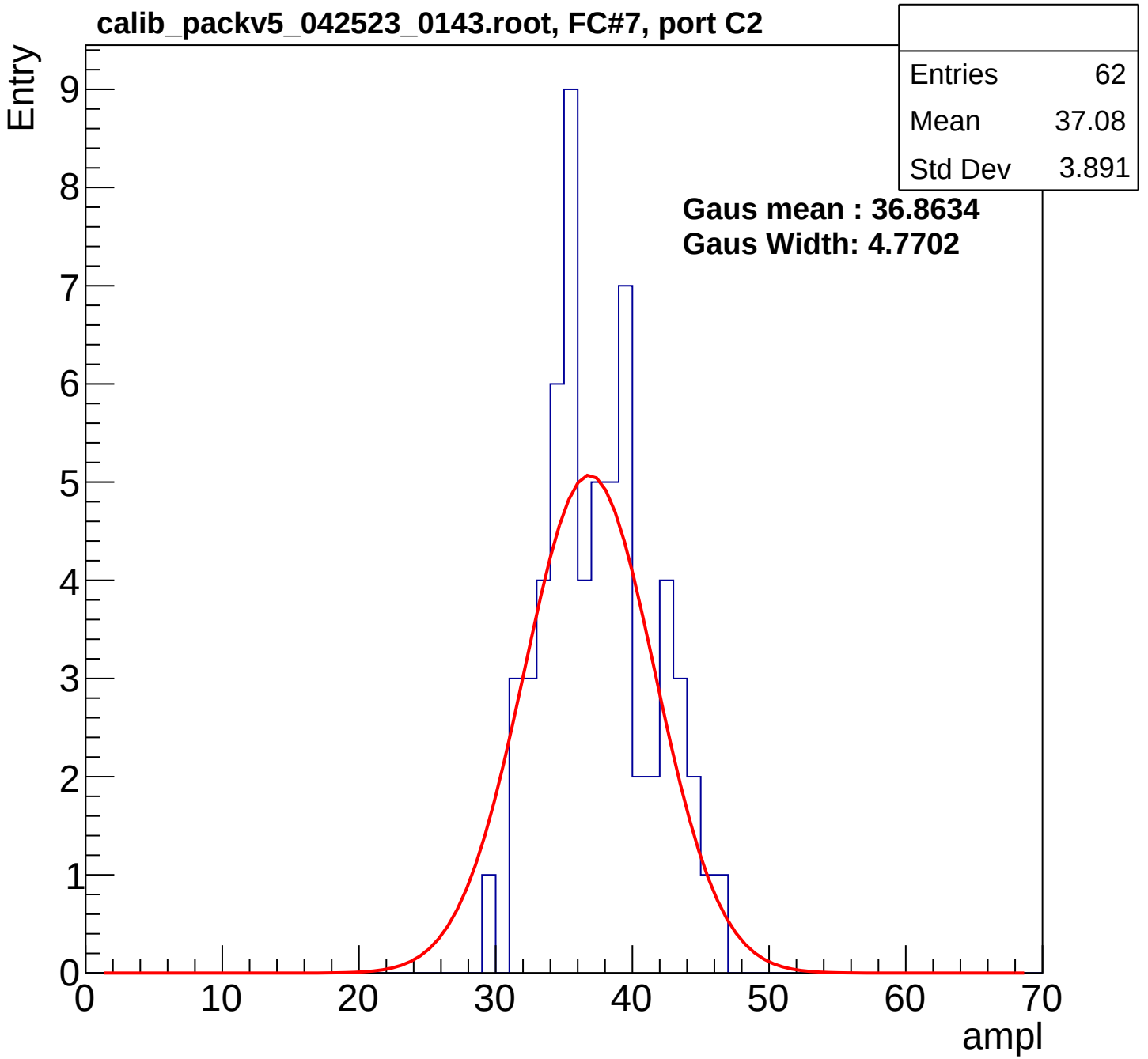
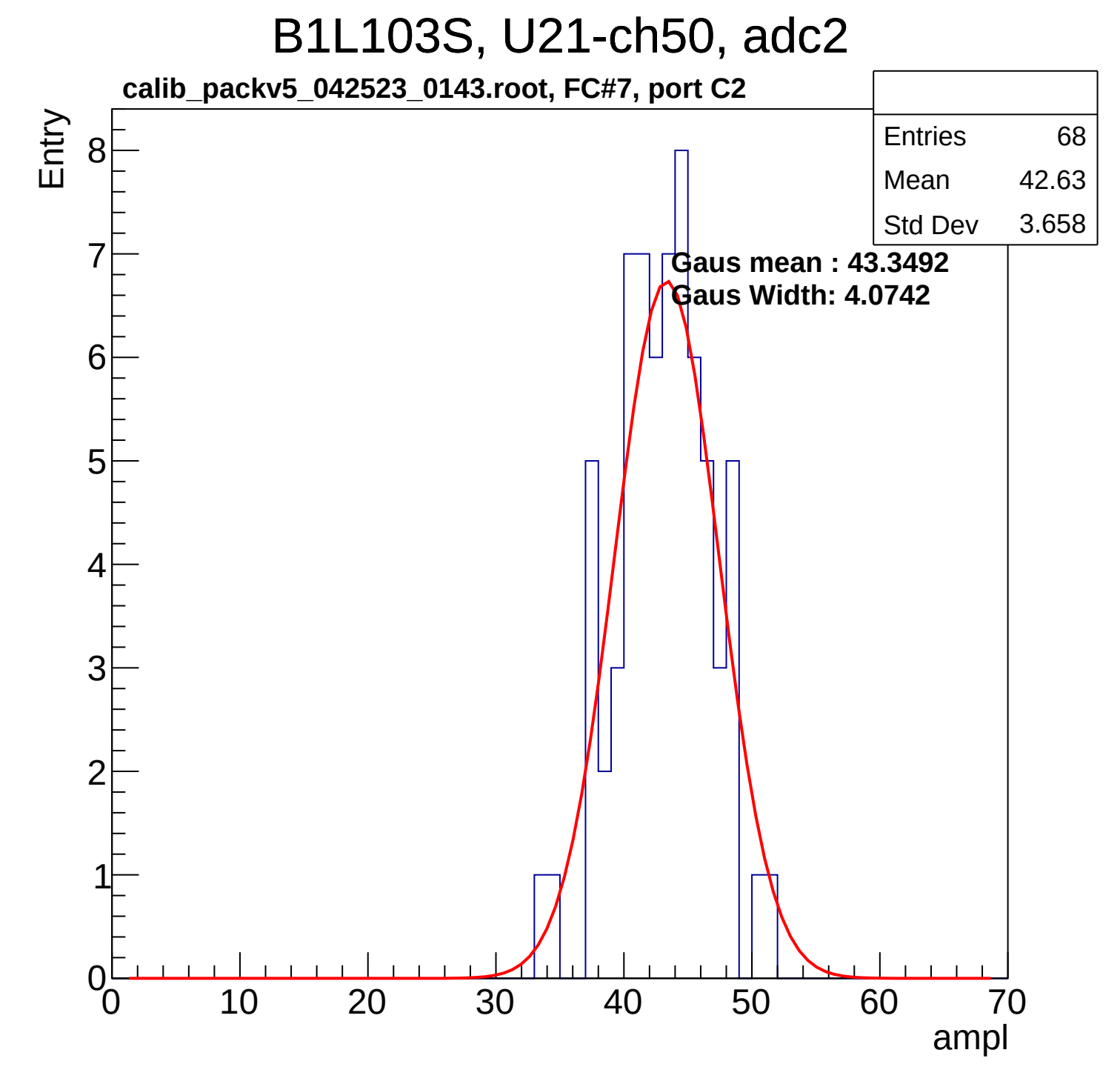
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch50, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 81
Mean 29.1
Std Dev 5.36
Gaus mean : 29.4459
Gaus Width: 4.3781
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U21-ch50, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 37.08
Std Dev 3.891
Gaus mean : 36.8634
Gaus Width: 4.7702
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch50, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 42.63
Std Dev 3.658
Gaus mean : 43.3492
Gaus Width: 4.0742
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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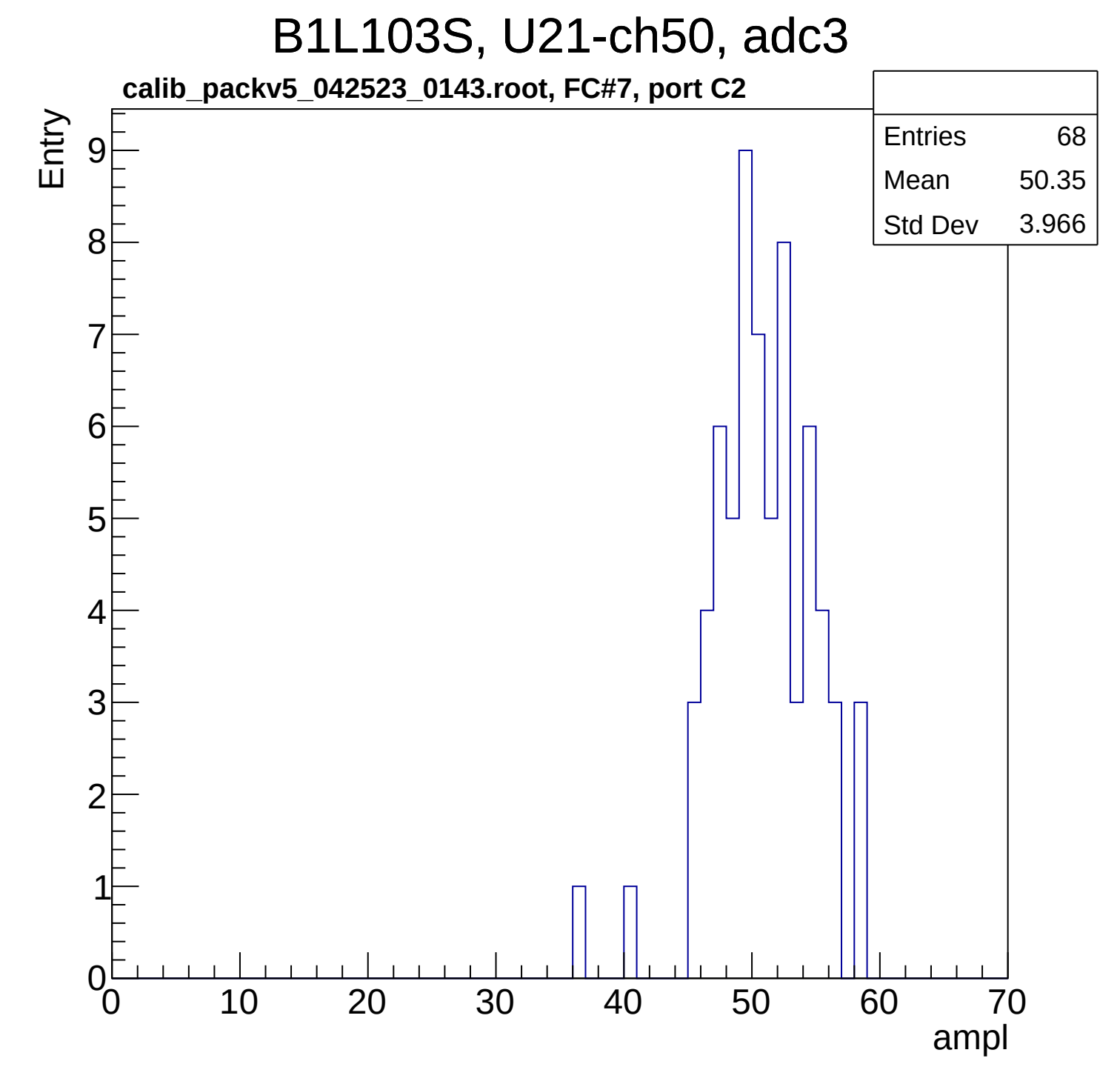
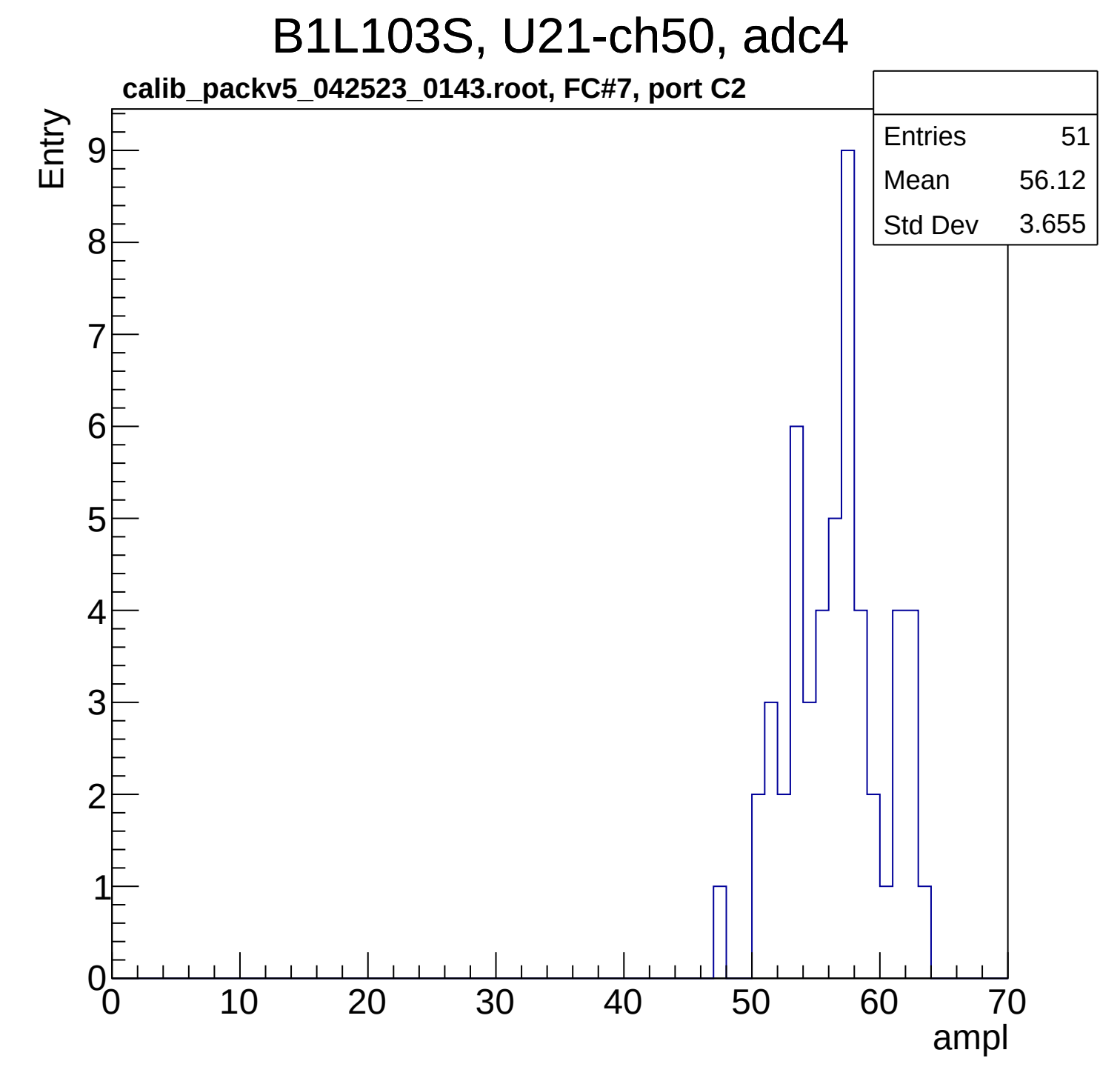
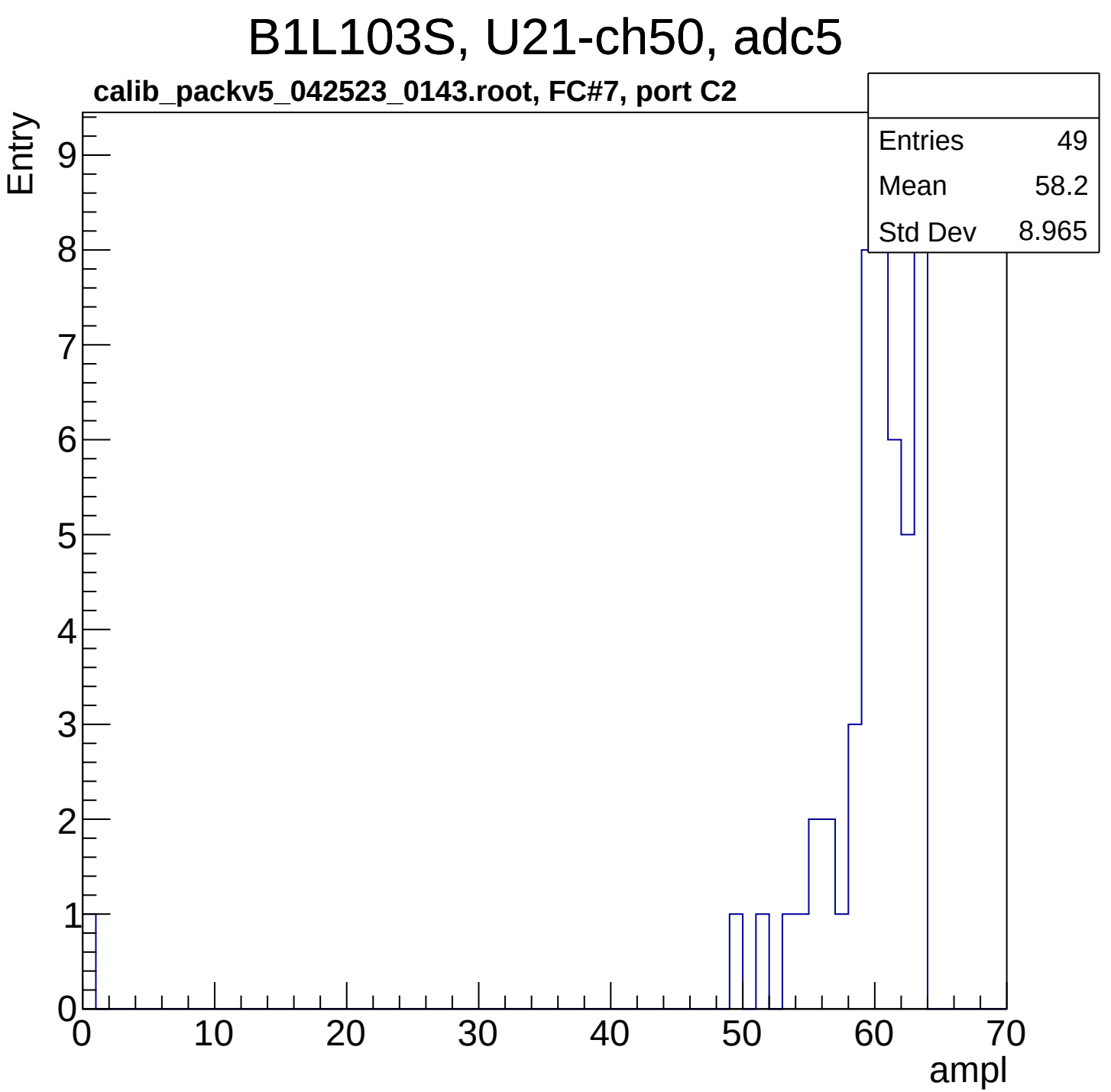
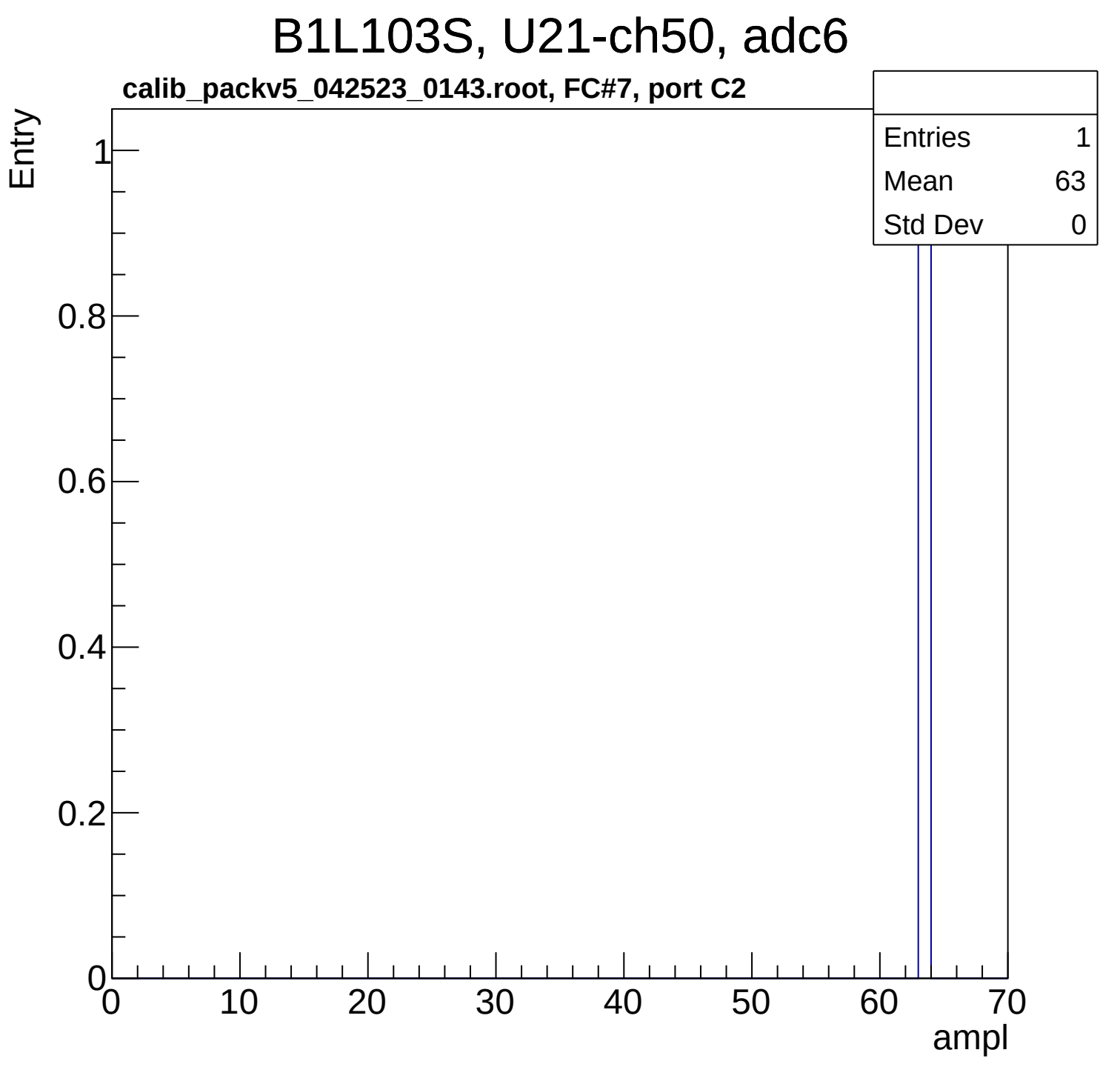
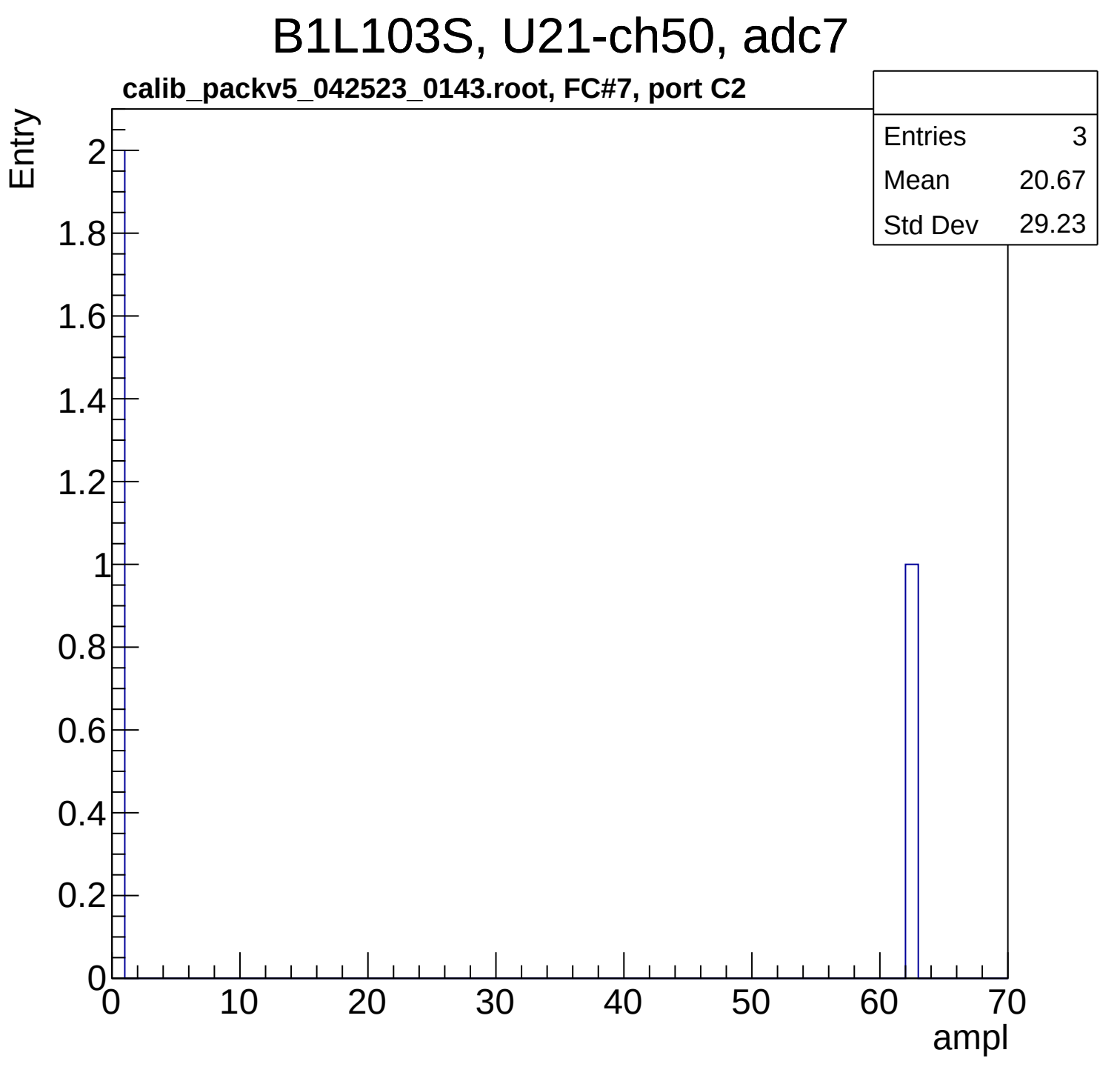
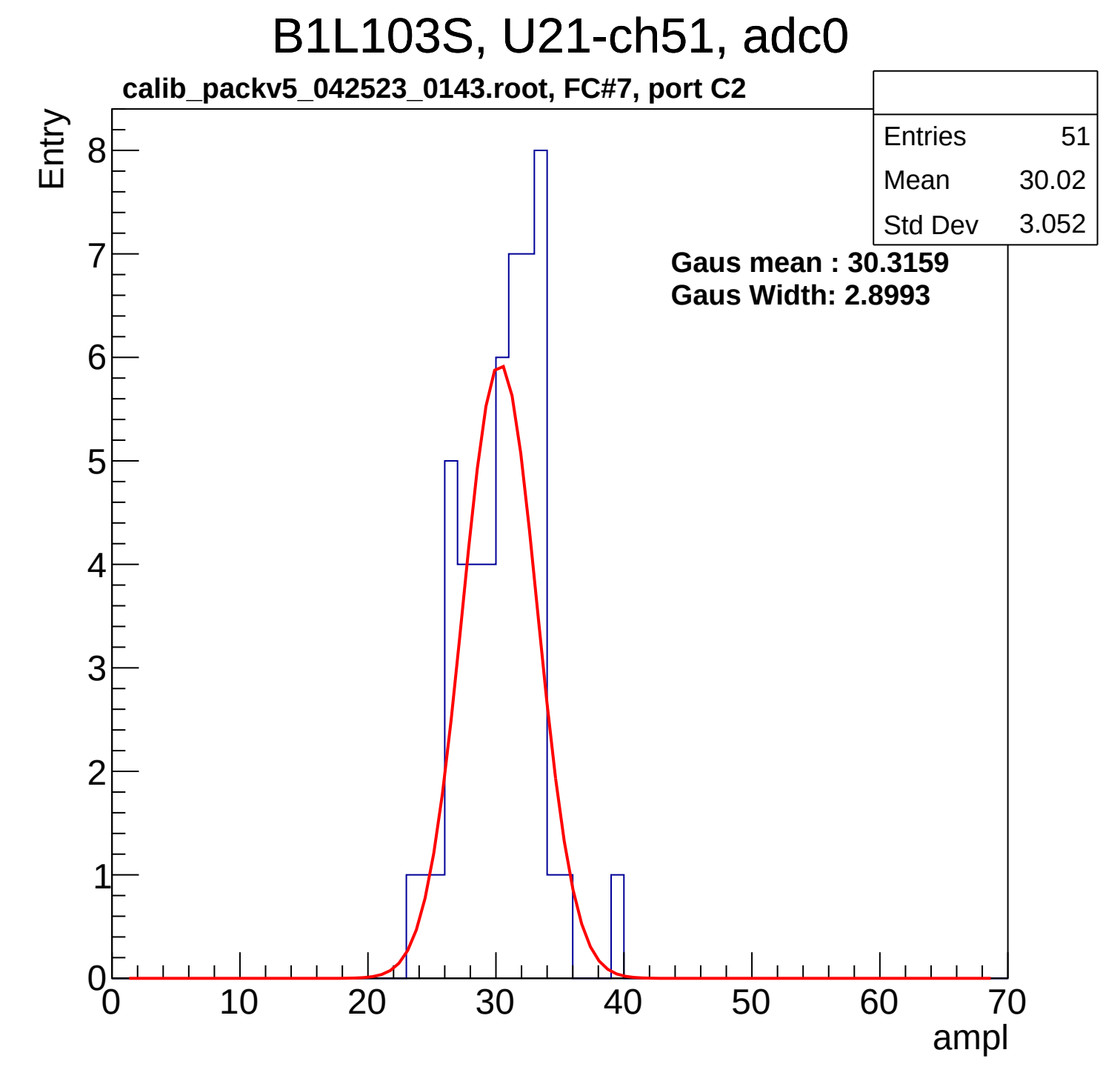

B1L103S, U21-ch50, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 50.35
Std Dev 3.966
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

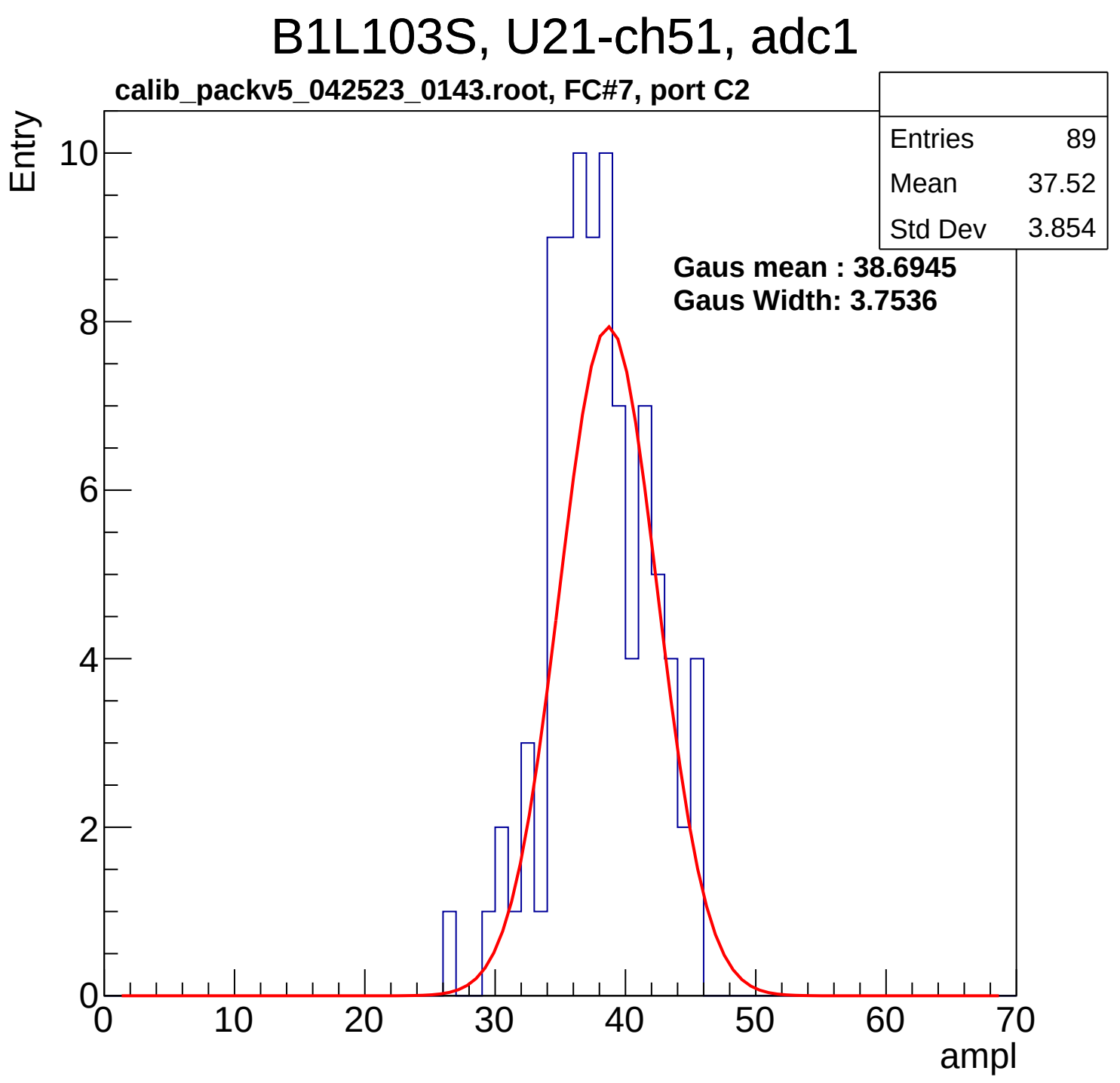

B1L103S, U21-ch50, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 56.12
Std Dev 3.655
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

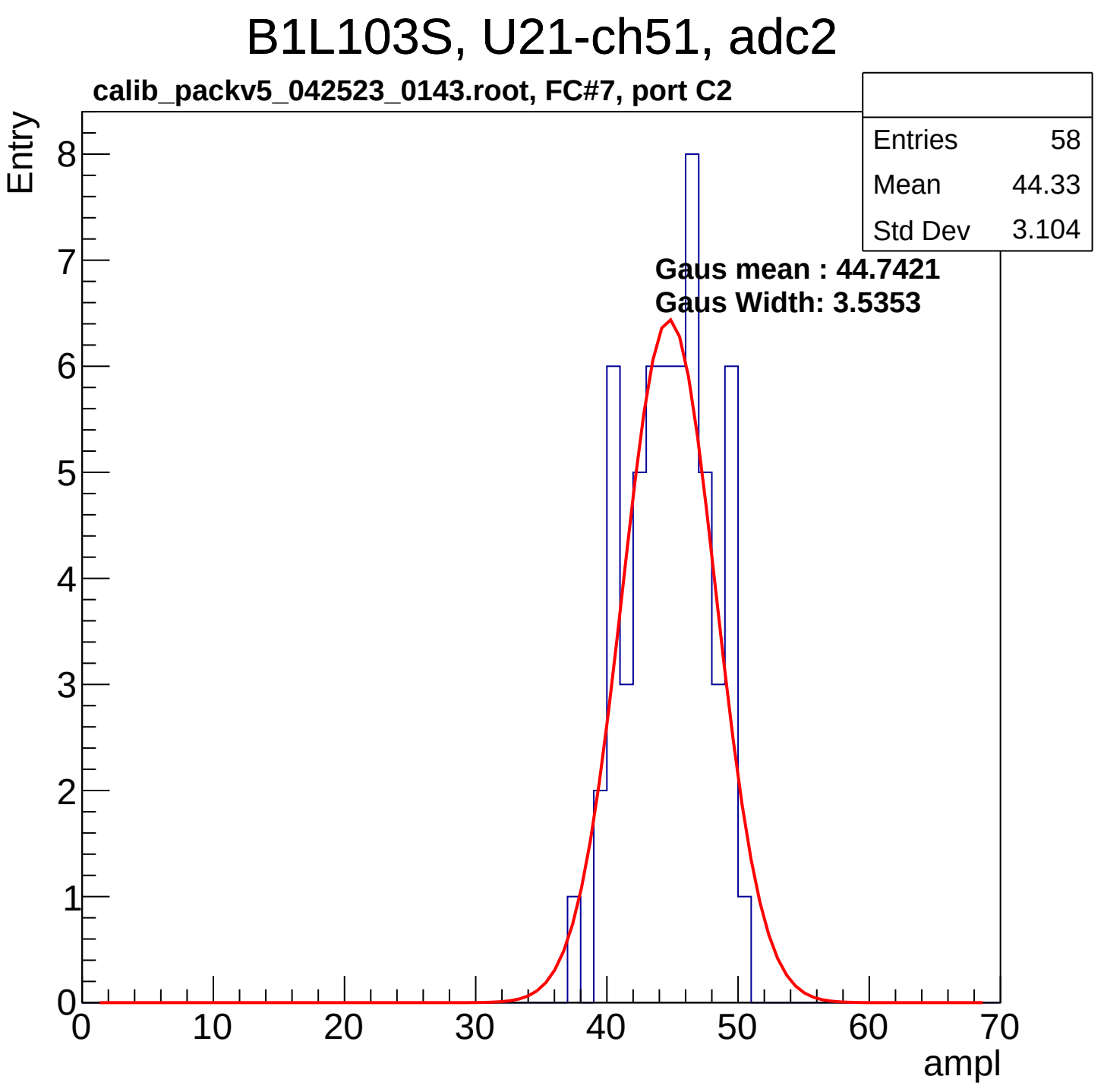

B1L103S, U21-ch50, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 58.2
Std Dev 8.965
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

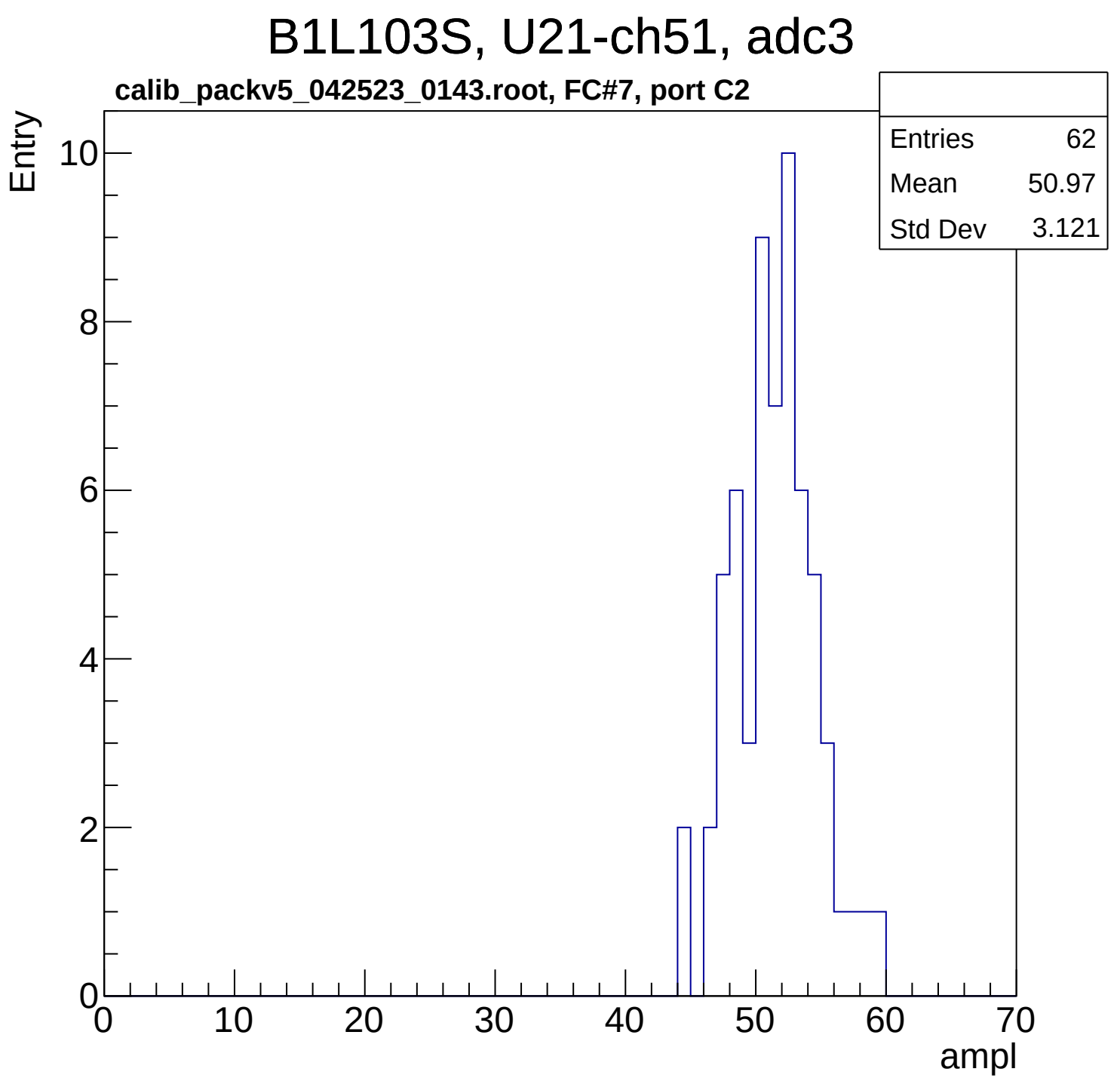

B1L103S, U21-ch50, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

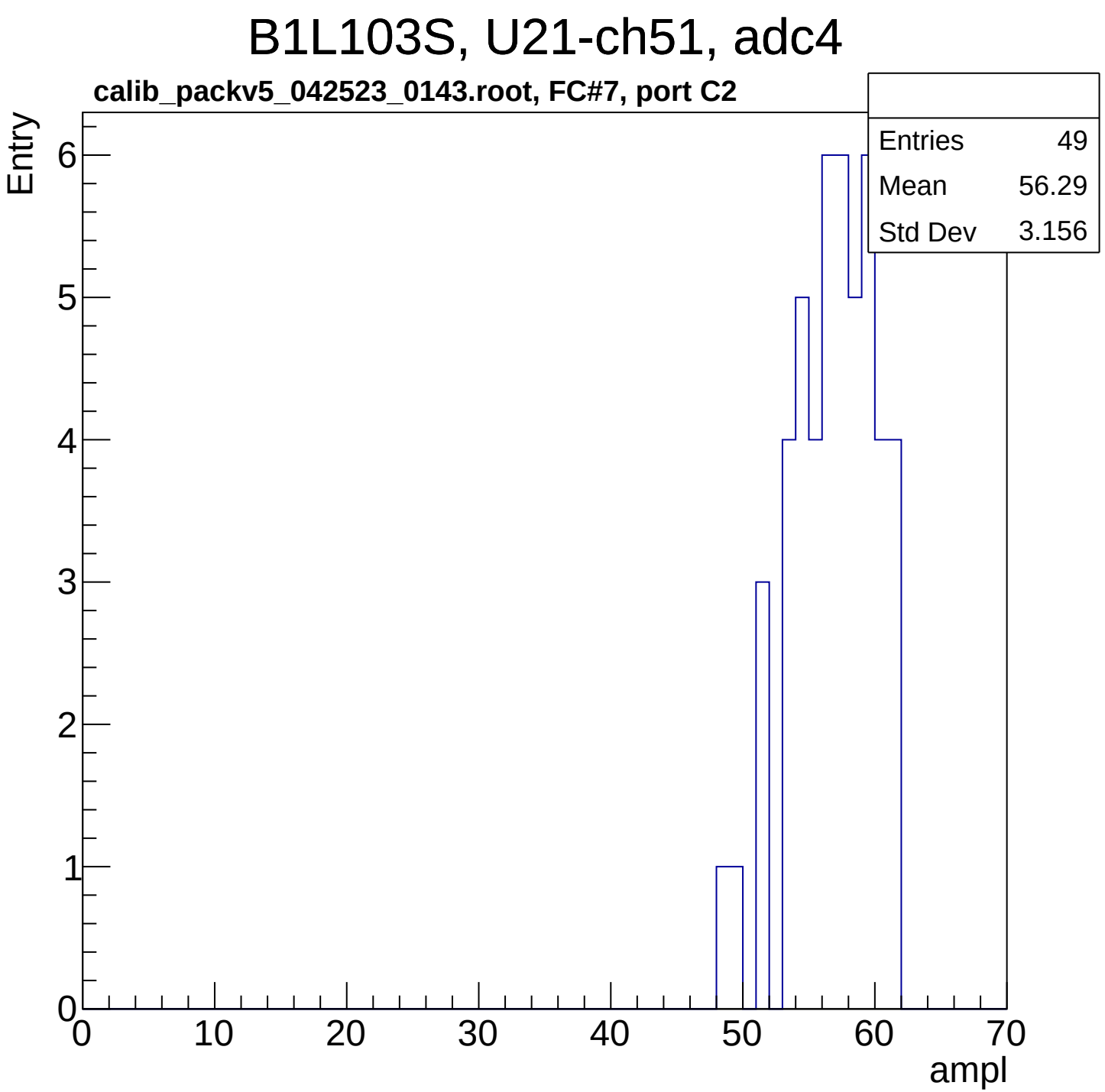

B1L103S, U21-ch50, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 20.67
Std Dev 29.23
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

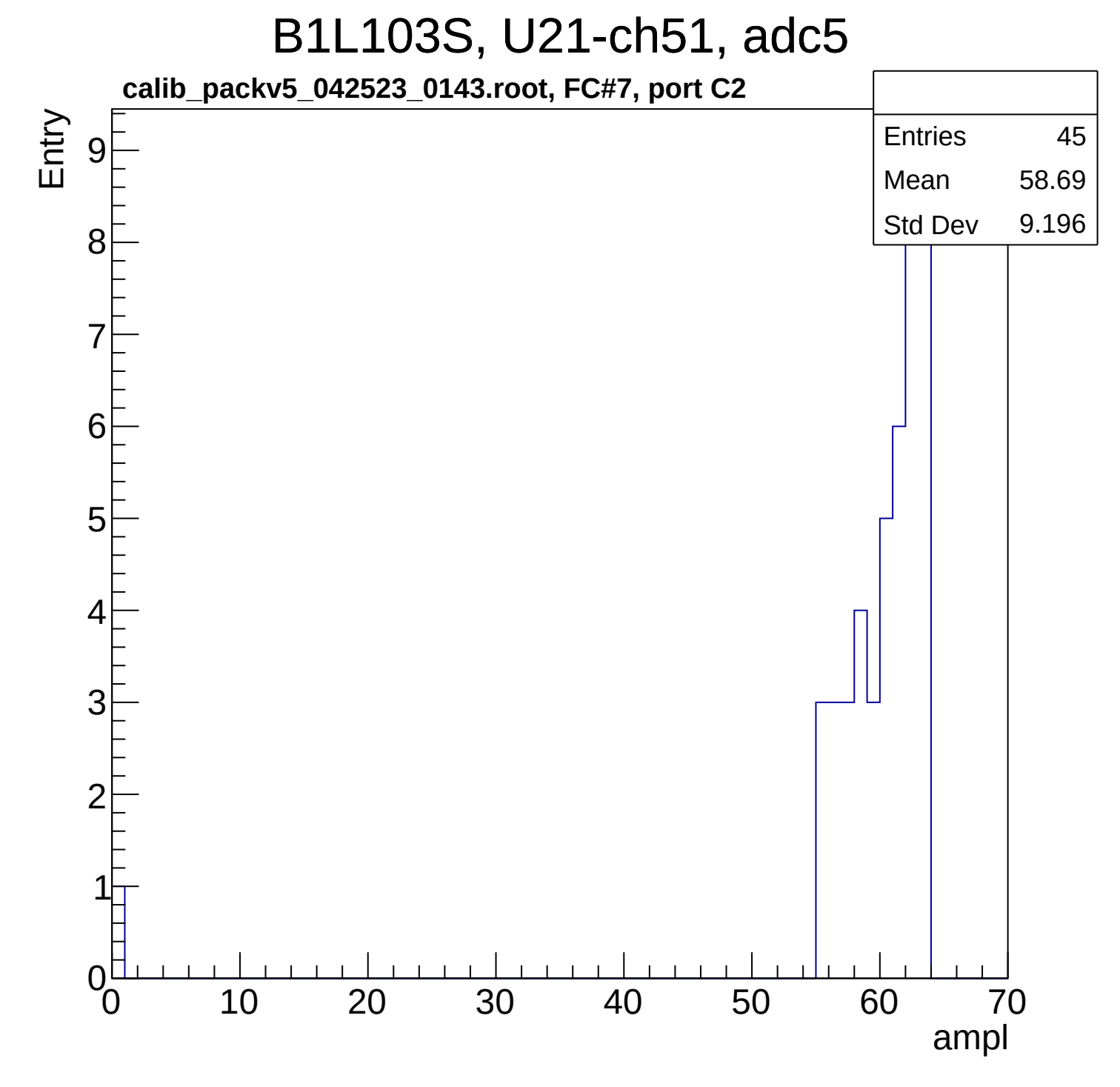

B1L103S, U21-ch51, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 30.02
Std Dev 3.052
Gaus mean : 30.3159
Gaus Width: 2.8993
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

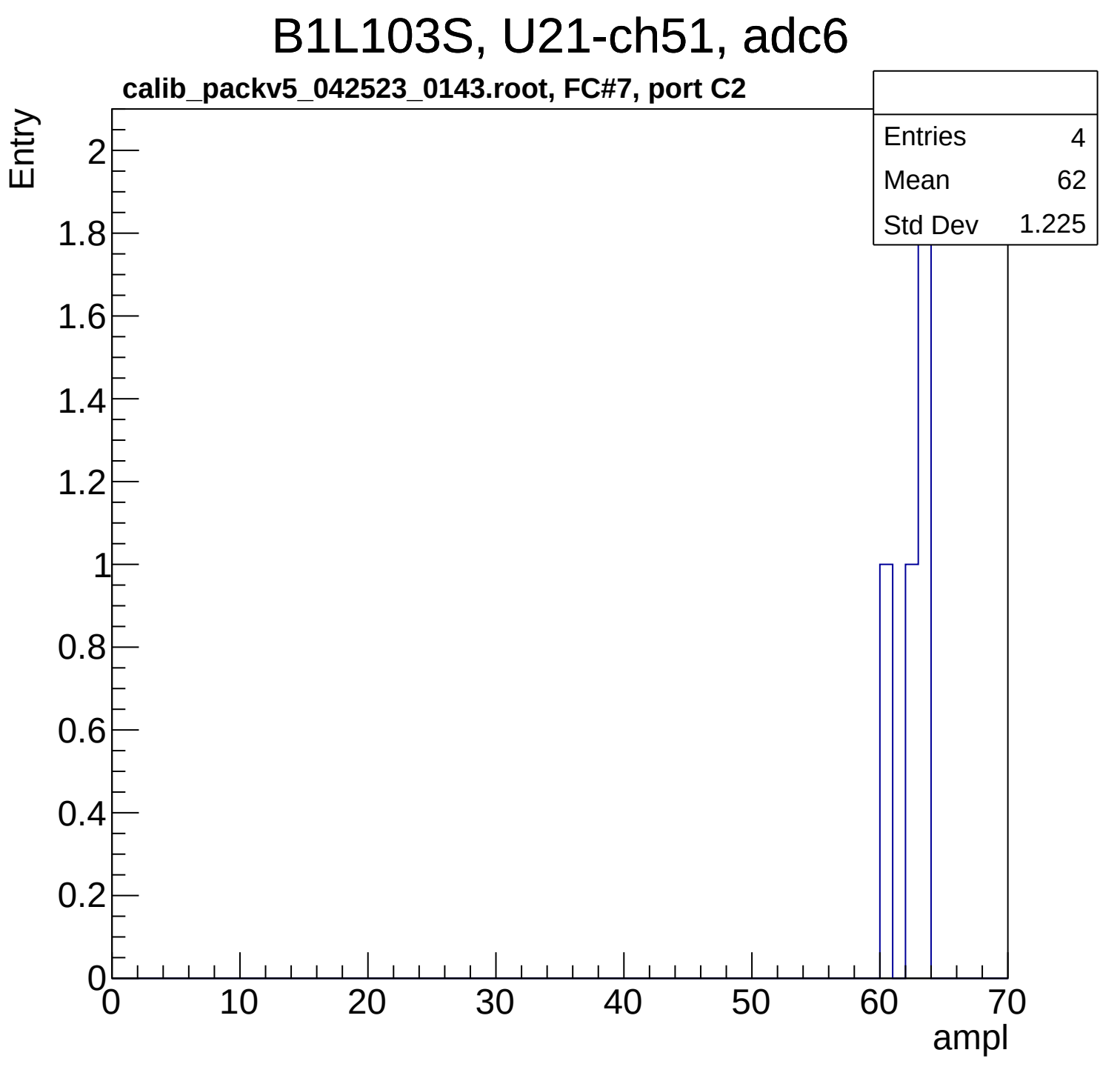

B1L103S, U21-ch51, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 89
Mean 37.52
Std Dev 3.854
Gaus mean : 38.6945
Gaus Width: 3.7536
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

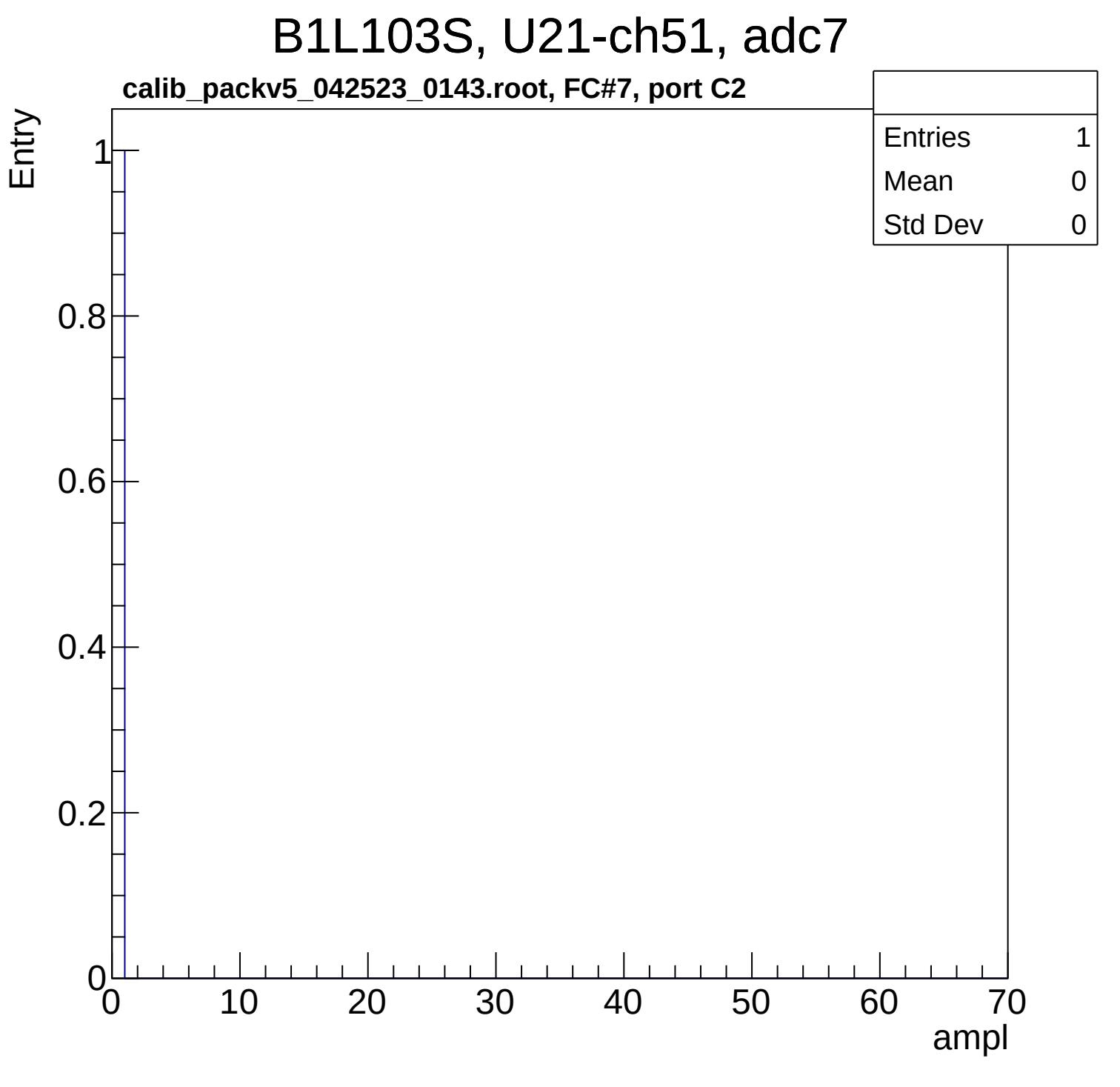

B1L103S, U21-ch51, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 44.33
Std Dev 3.104
Gaus mean : 44.7421
Gaus Width: 3.5353
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

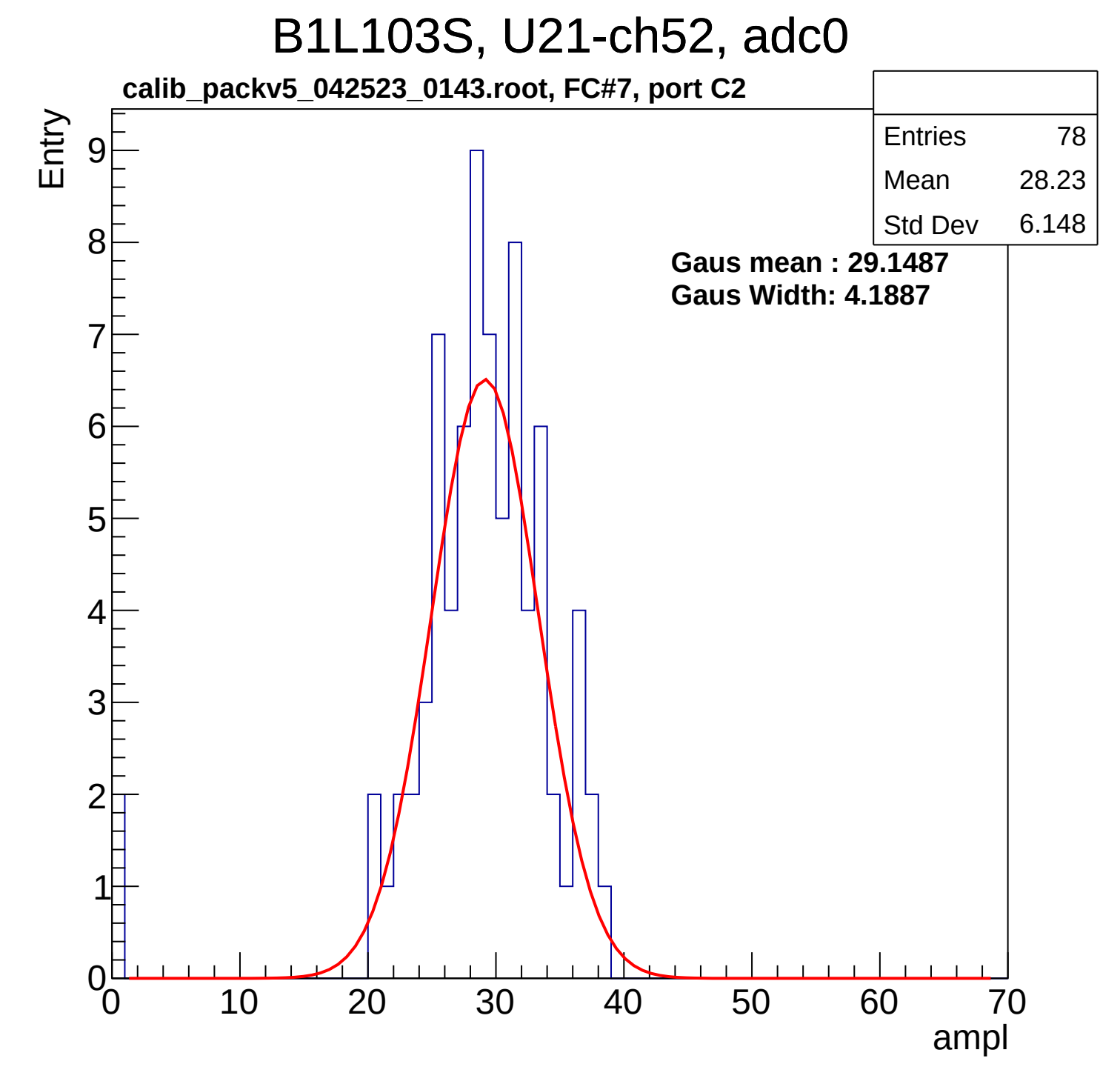

B1L103S, U21-ch51, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 50.97
Std Dev 3.121
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

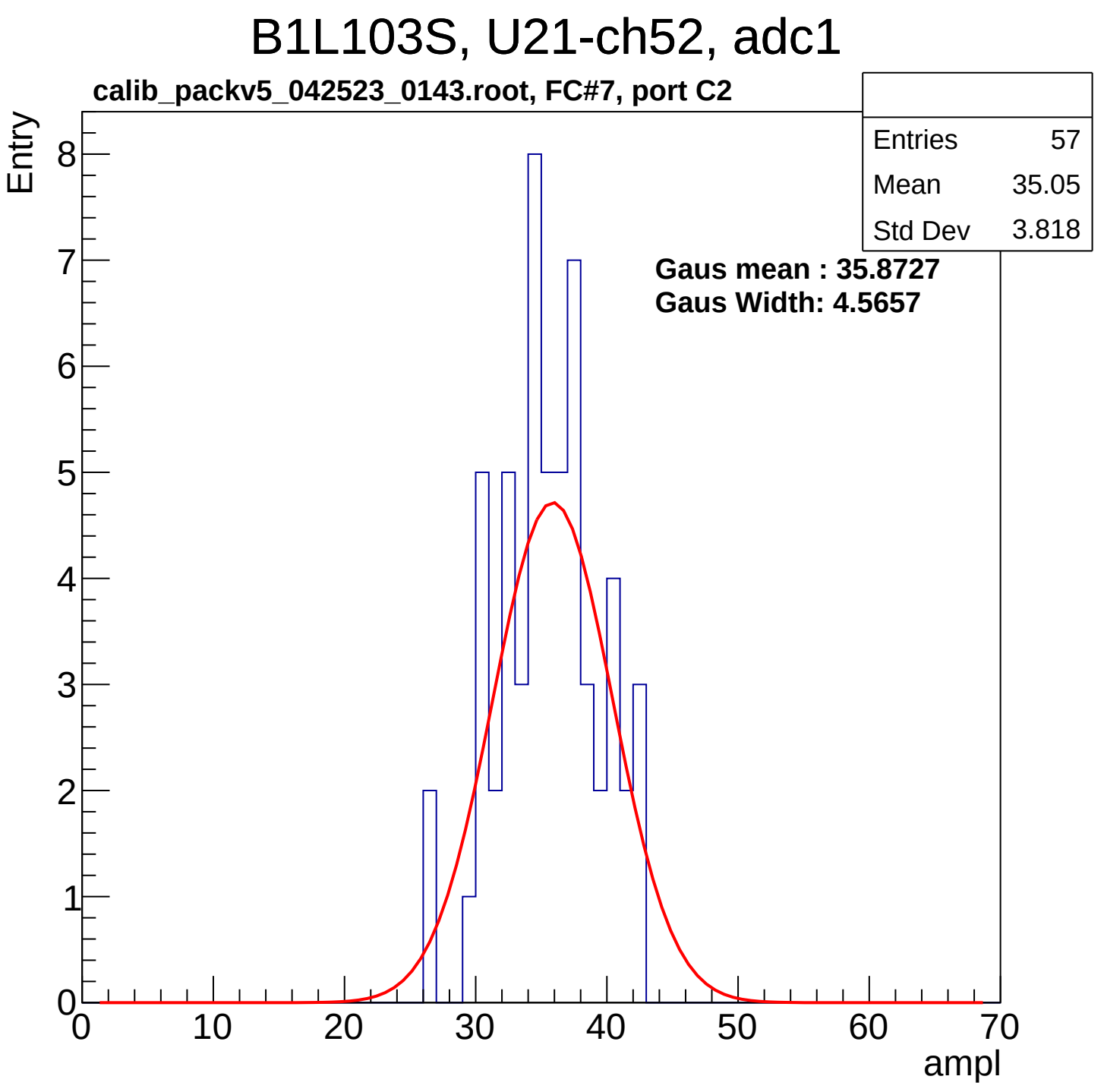

B1L103S, U21-ch51, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 56.29
Std Dev 3.156
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

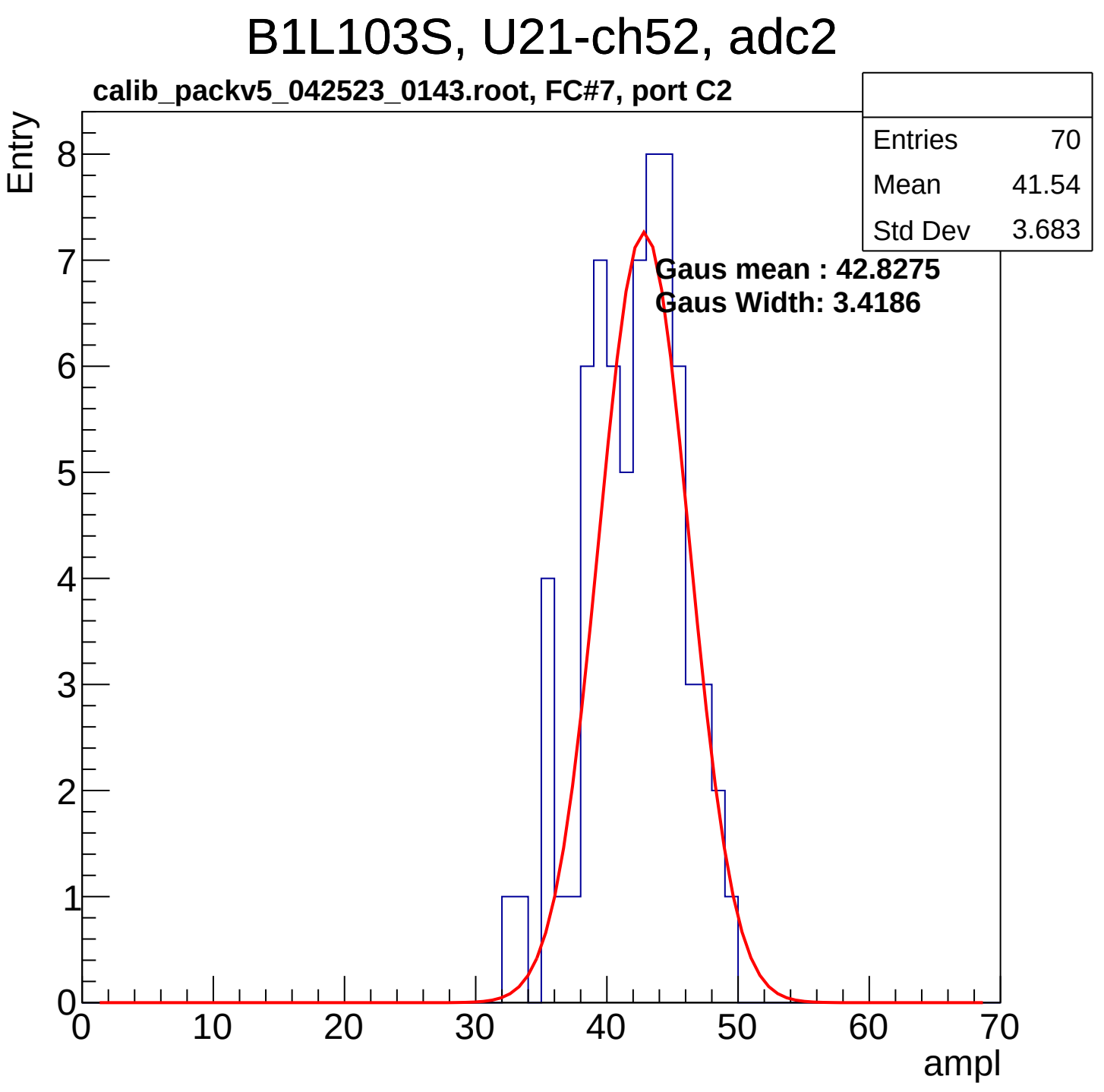

B1L103S, U21-ch51, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 45
Mean 58.69
Std Dev 9.196
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

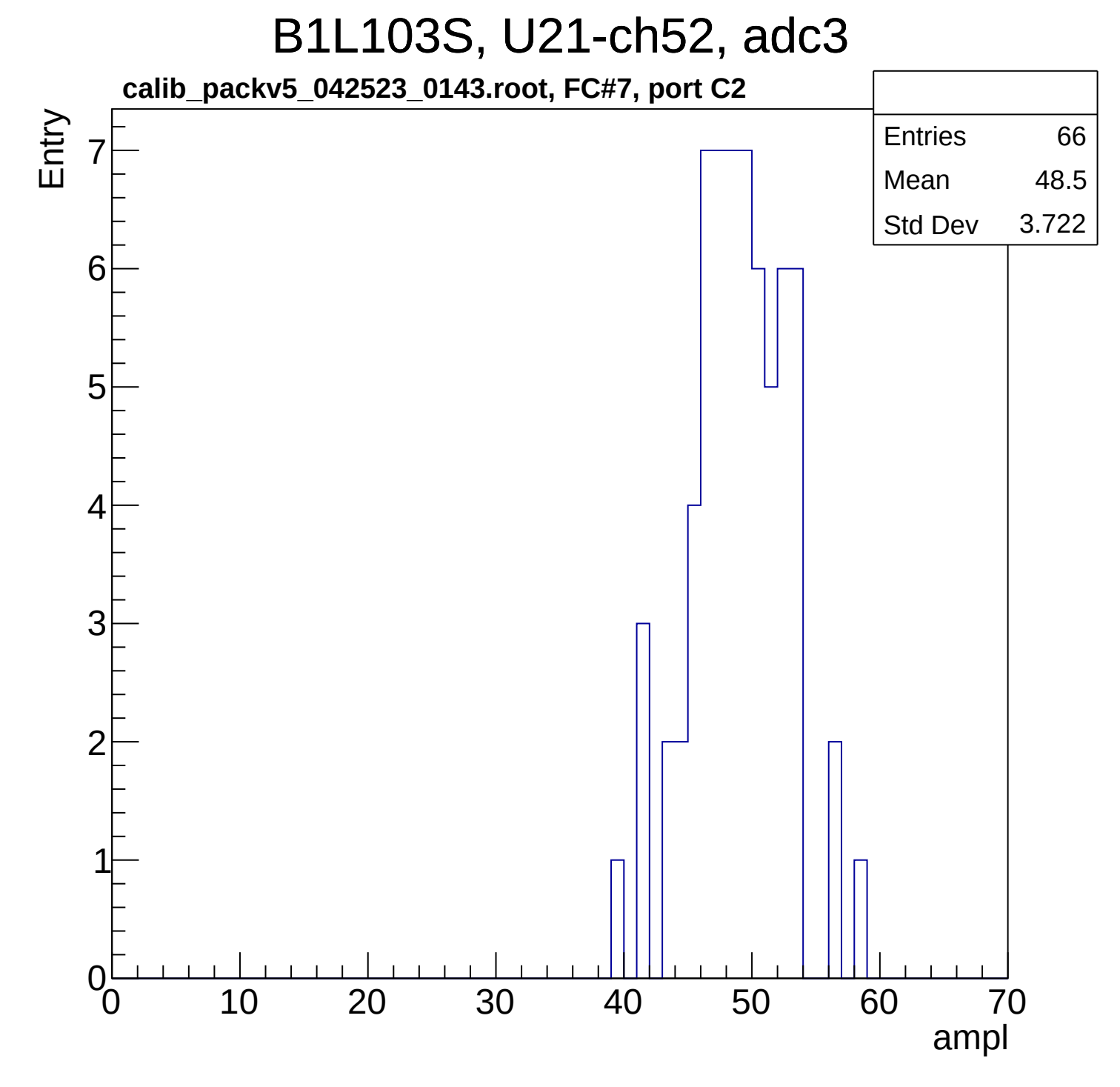

B1L103S, U21-ch51, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 4
Mean 62
Std Dev 1.225
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

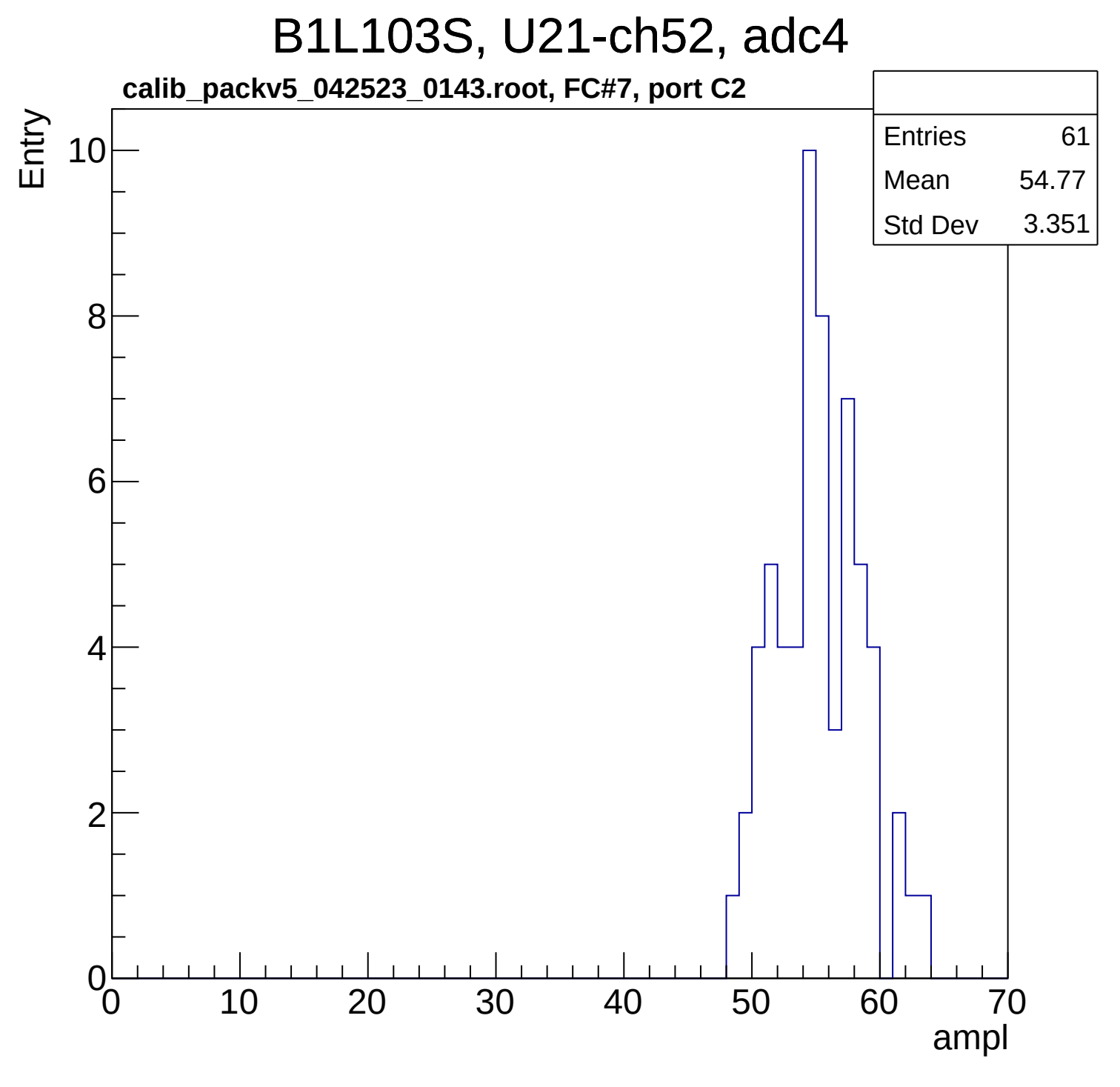

B1L103S, U21-ch51, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

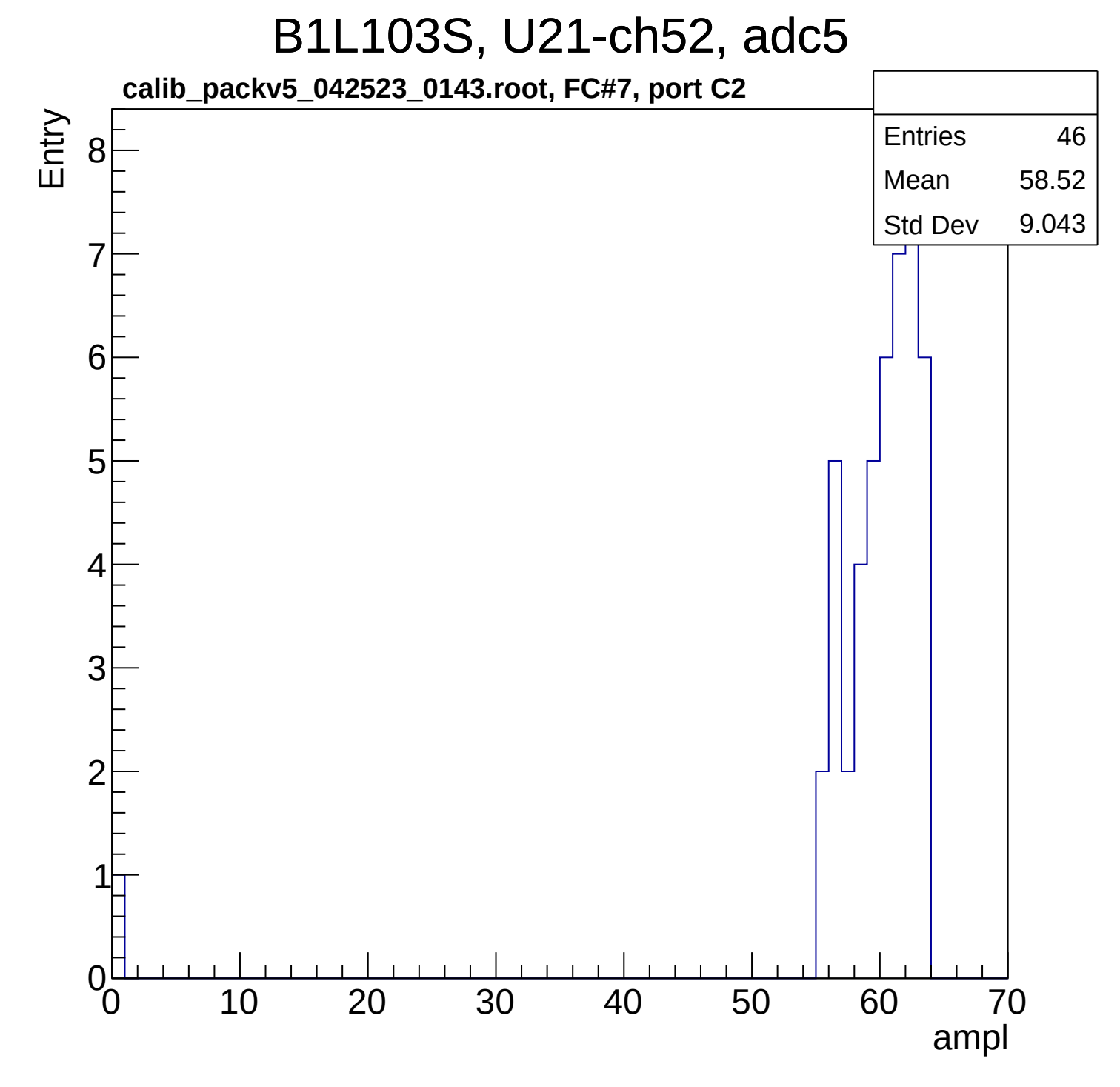

B1L103S, U21-ch52, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 78
Mean 28.23
Std Dev 6.148
Gaus mean : 29.1487
Gaus Width: 4.1887
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch52, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 35.05
Std Dev 3.818
Gaus mean : 35.8727
Gaus Width: 4.5657
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch52, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 41.54
Std Dev 3.683
Gaus mean : 42.8275
Gaus Width: 3.4186
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch52, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 48.5
Std Dev 3.722
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch52, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 54.77
Std Dev 3.351
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U21-ch52, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 46
Mean 58.52
Std Dev 9.043
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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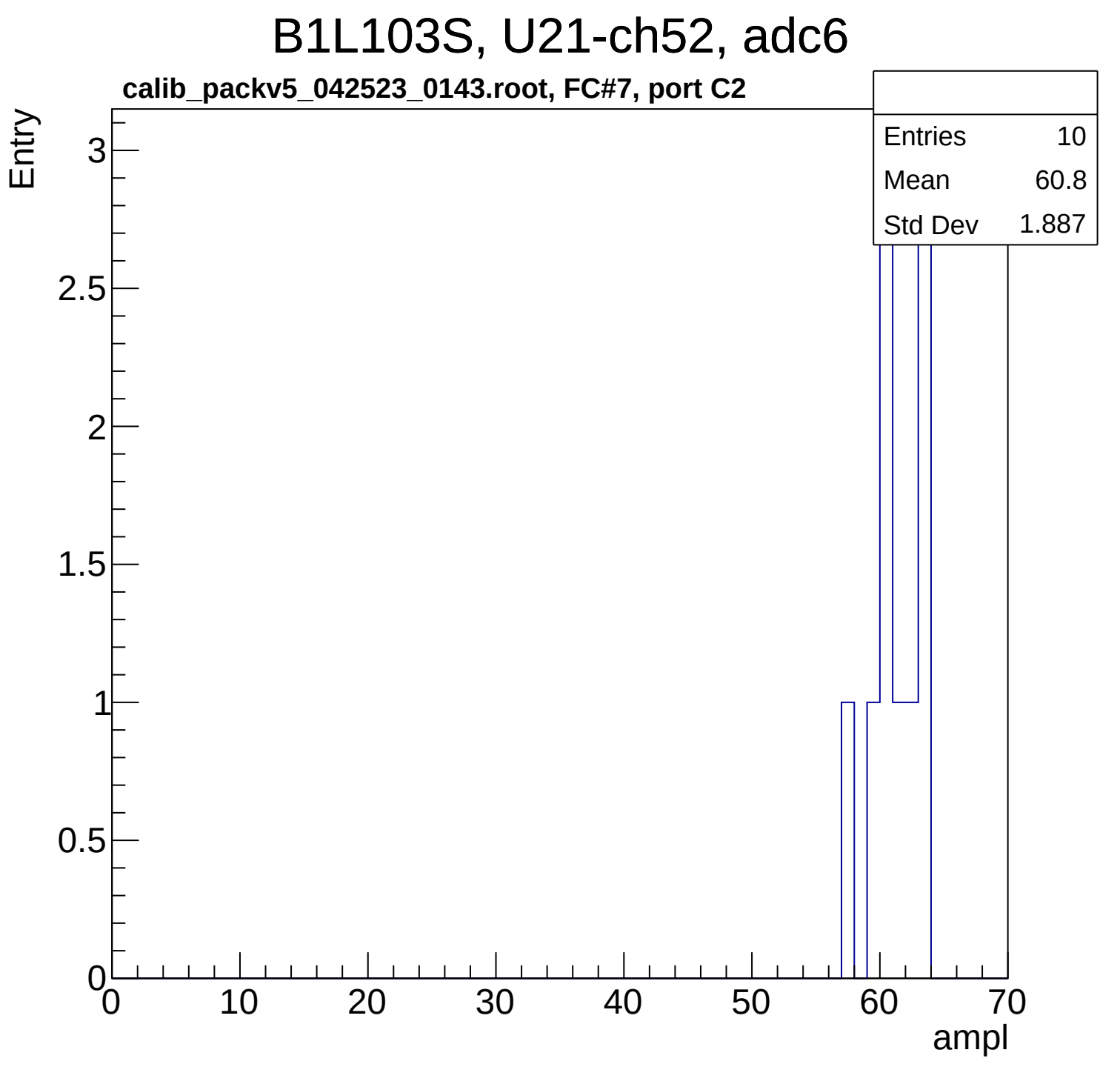
60
70


B1L103S, U21-ch52, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 10
Mean 60.8
Std Dev 1.887
Entry
ampl
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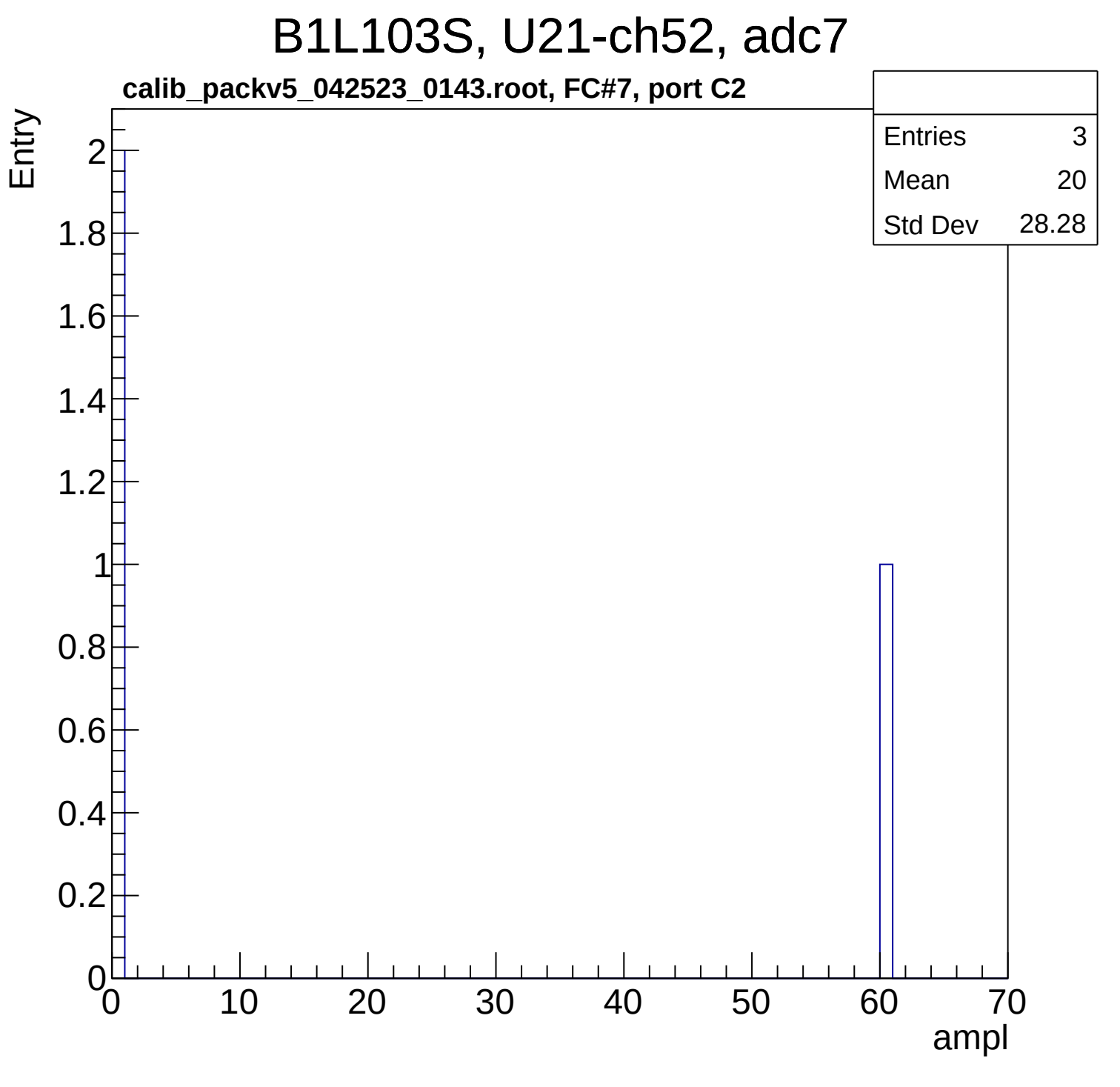
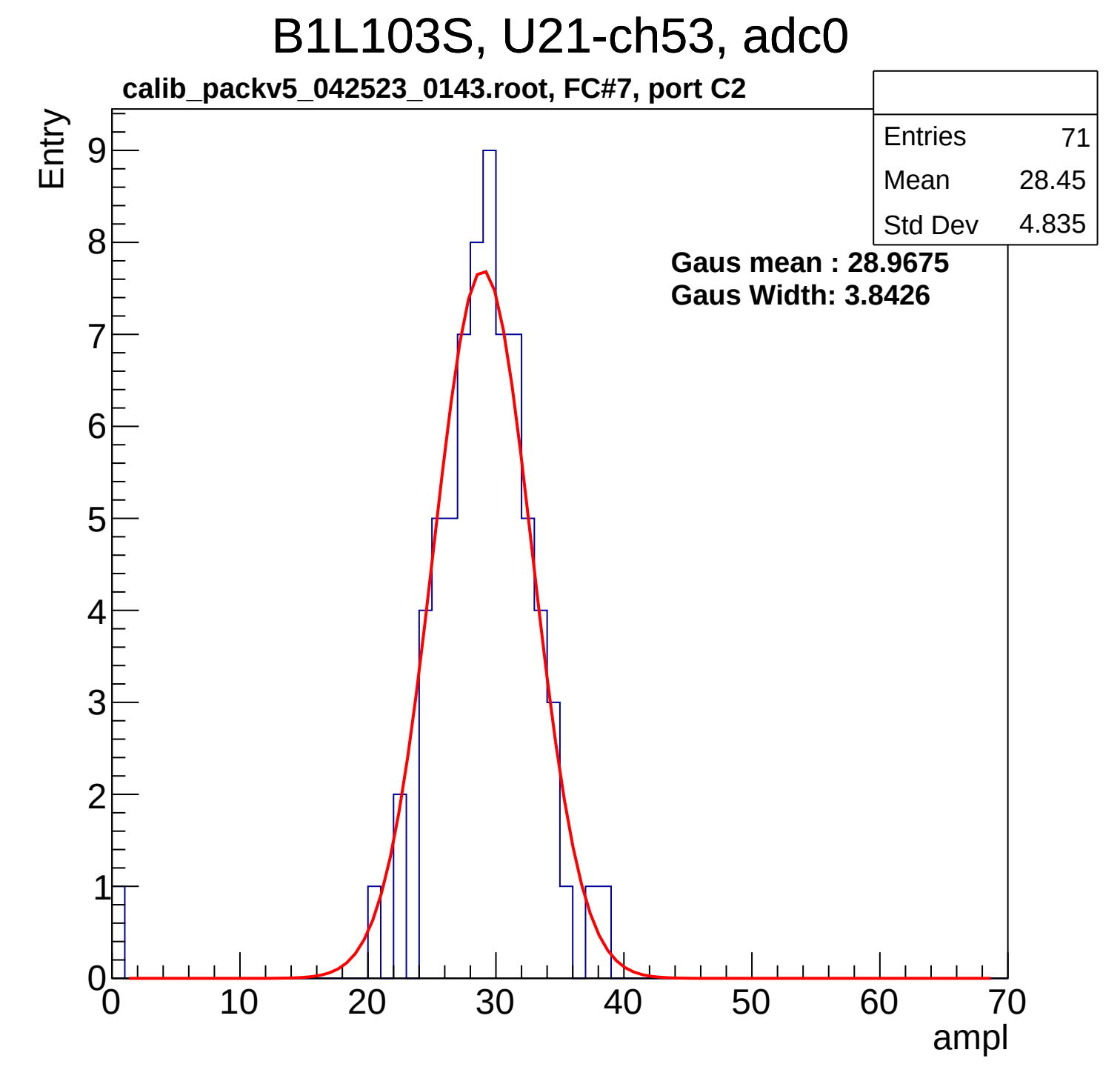
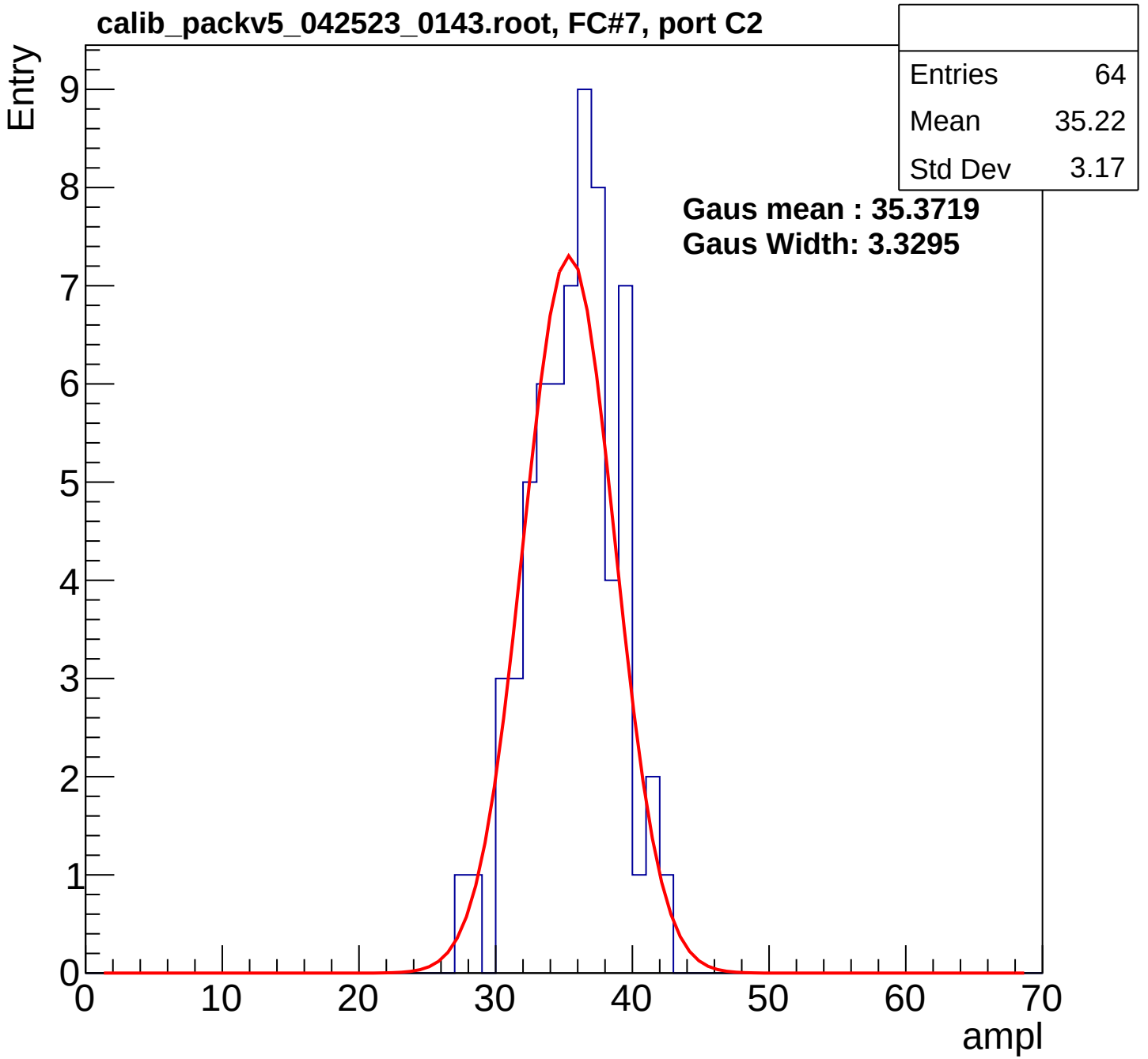
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U21-ch52, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 20
Std Dev 28.28
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, U21-ch53, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 28.45
Std Dev 4.835
Gaus mean : 28.9675
Gaus Width: 3.8426
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch53, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 35.22
Std Dev 3.17
Gaus mean : 35.3719
Gaus Width: 3.3295
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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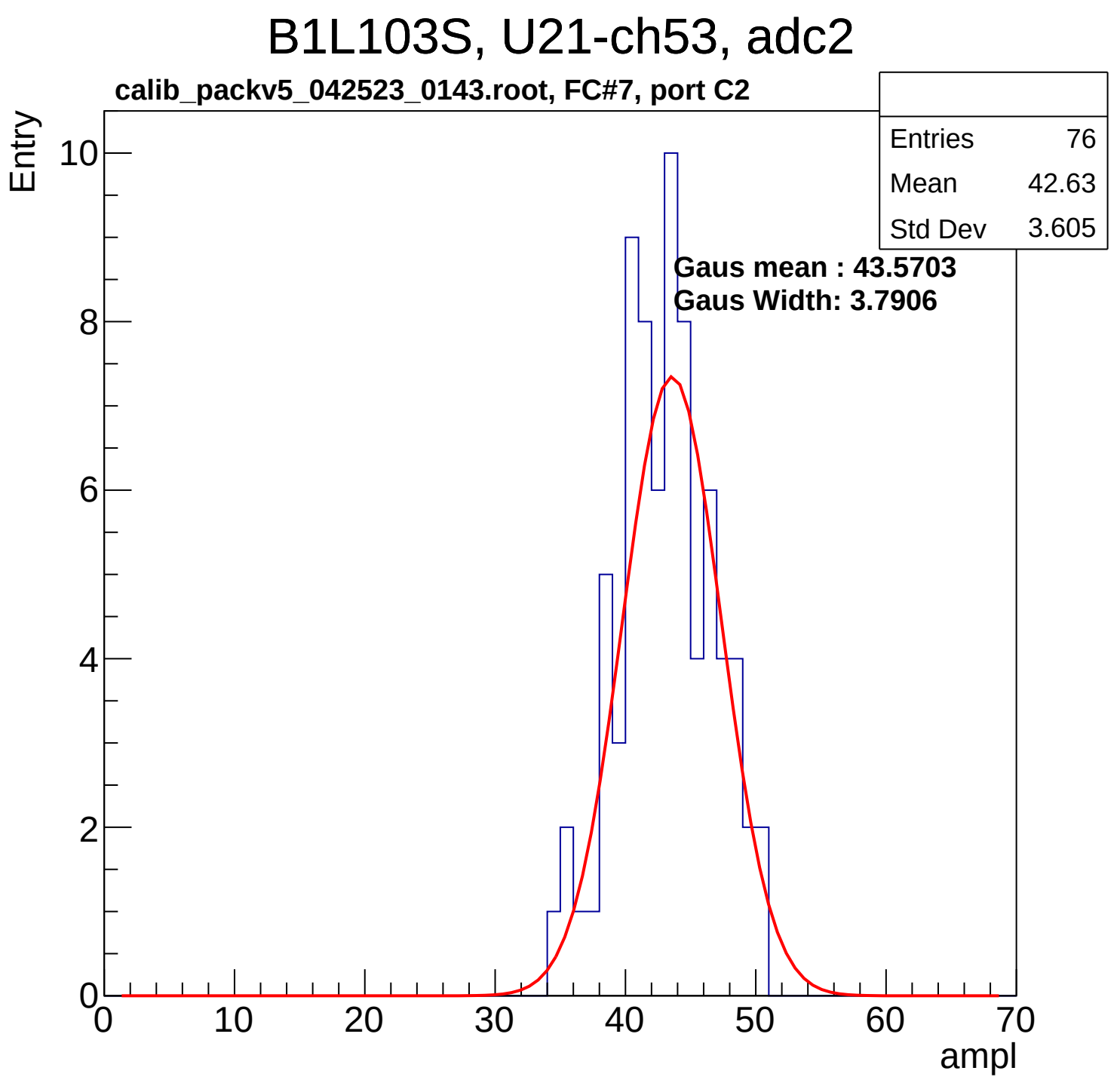
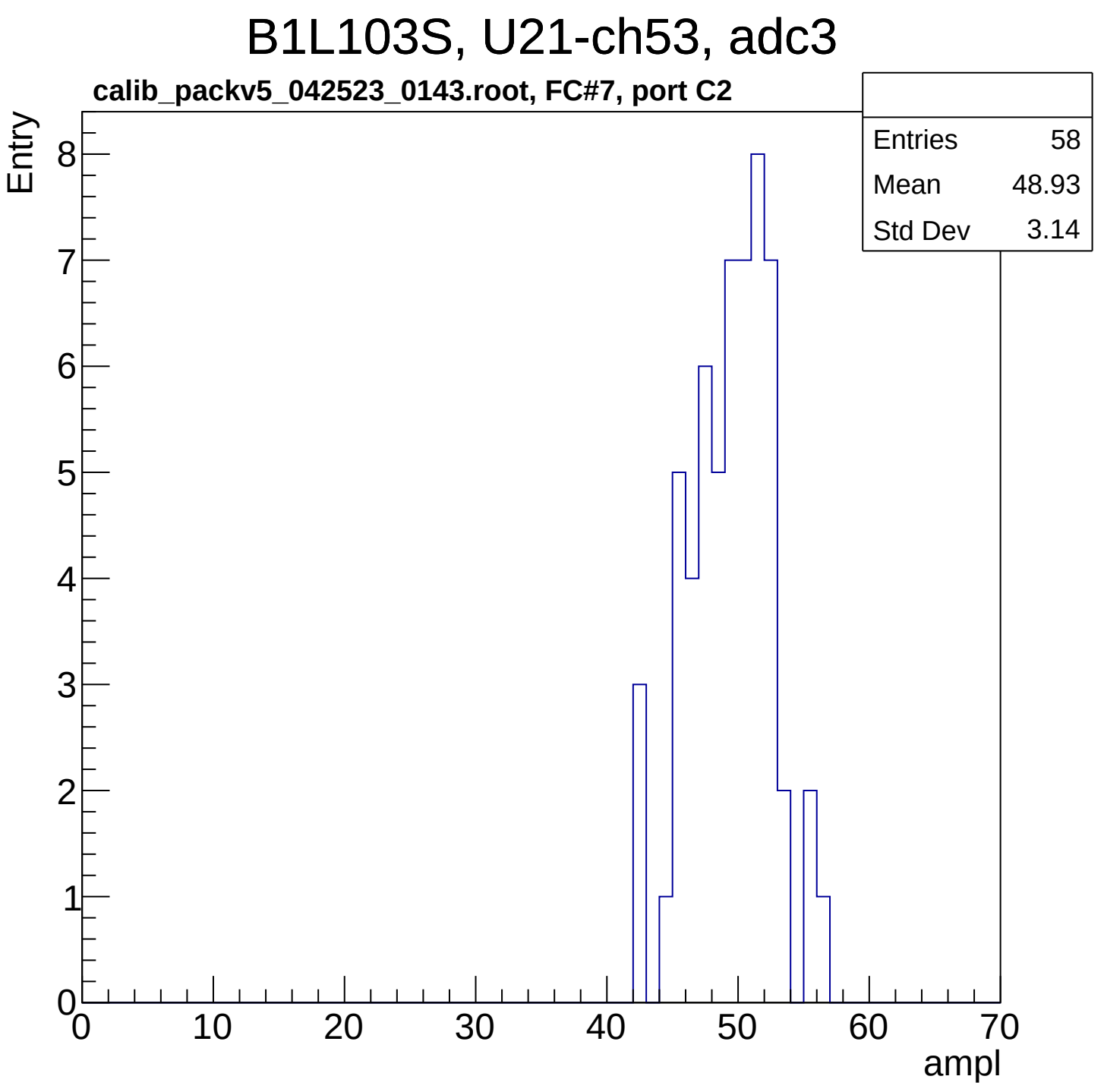
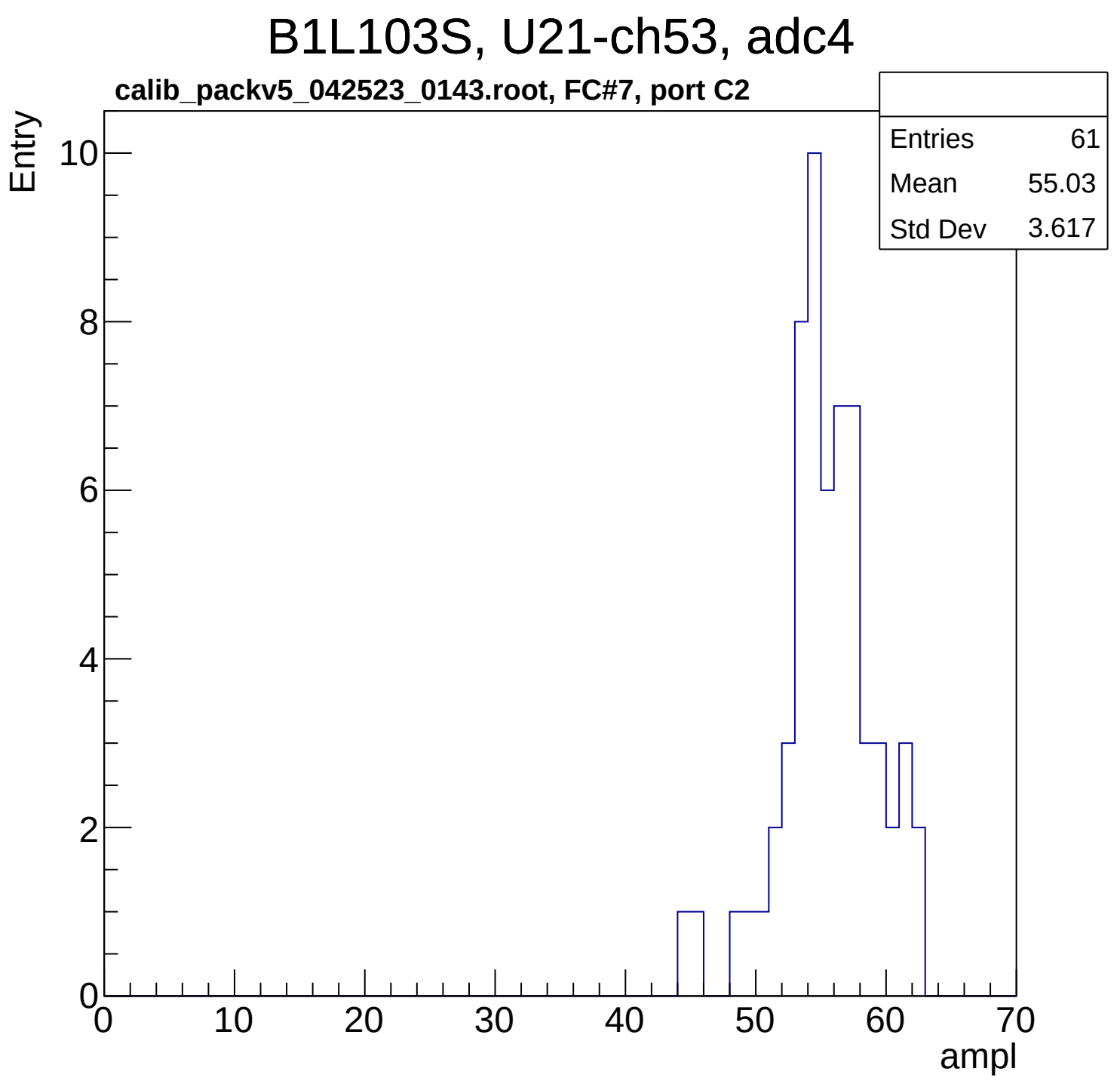
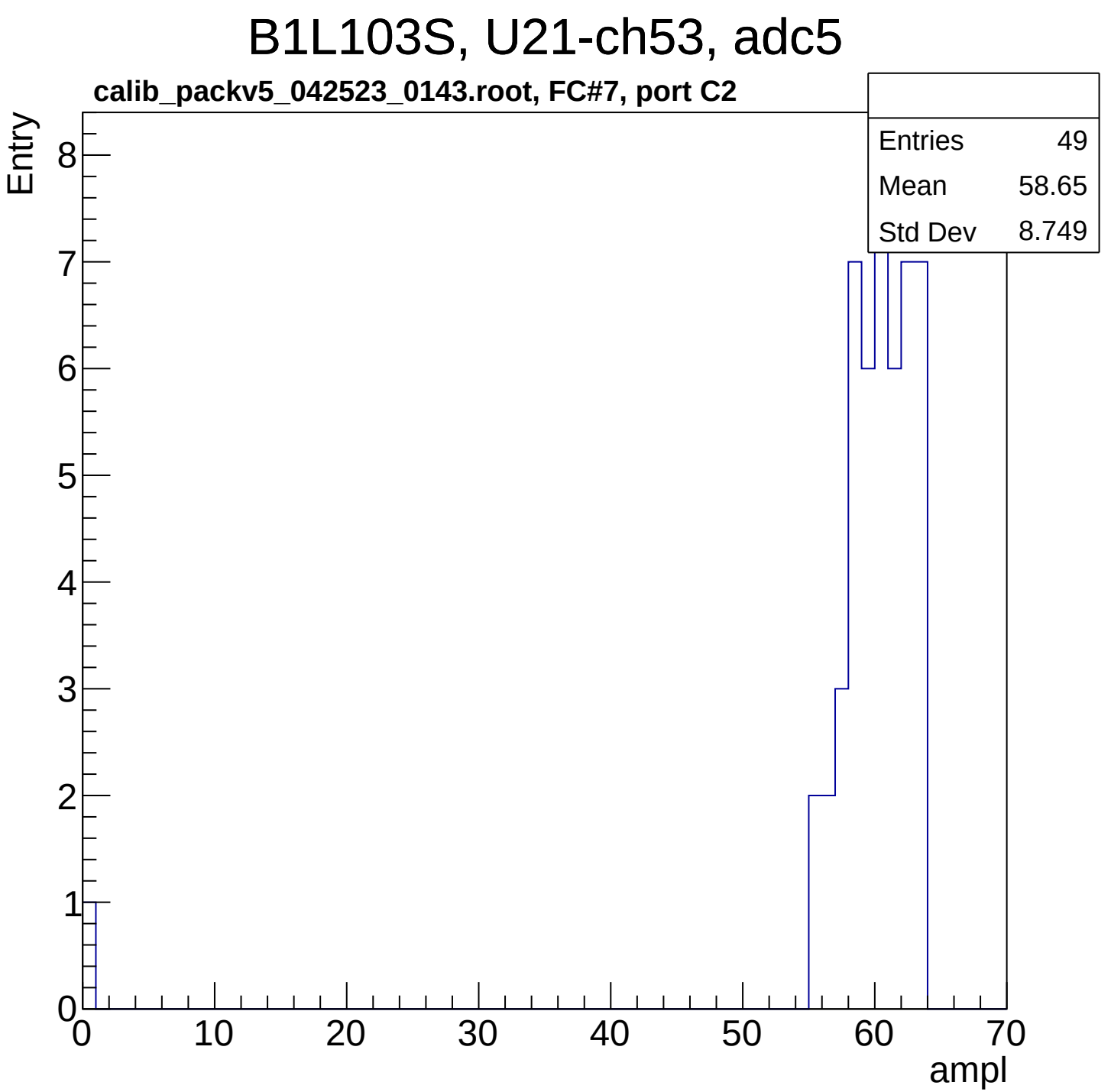

B1L103S, U21-ch53, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 42.63
Std Dev 3.605
Gaus mean : 43.5703
Gaus Width: 3.7906
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U21-ch53, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 48.93
Std Dev 3.14
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch53, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 55.03
Std Dev 3.617
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch53, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 58.65
Std Dev 8.749
Entry
ampl
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2
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4
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0
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60
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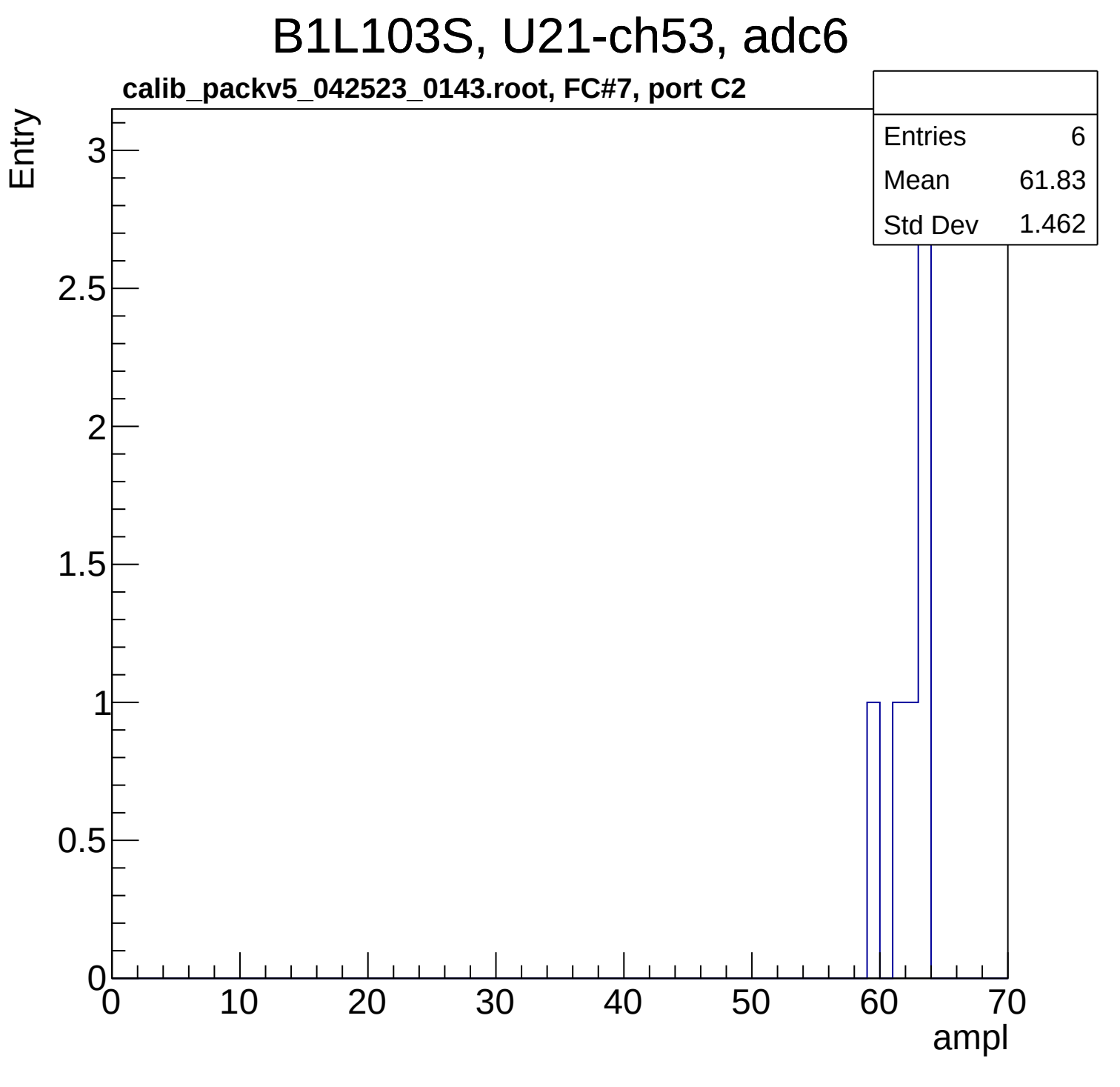
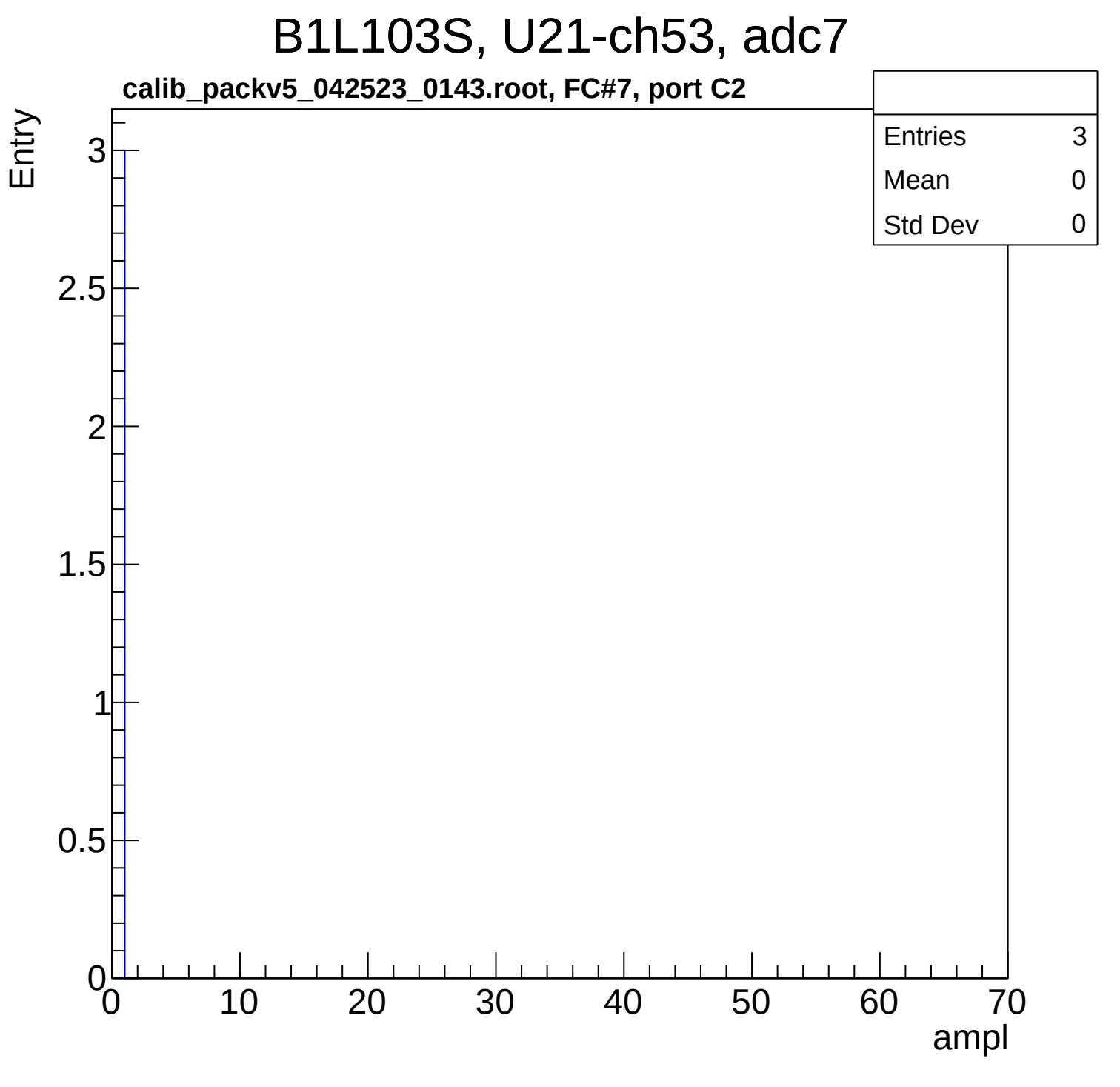
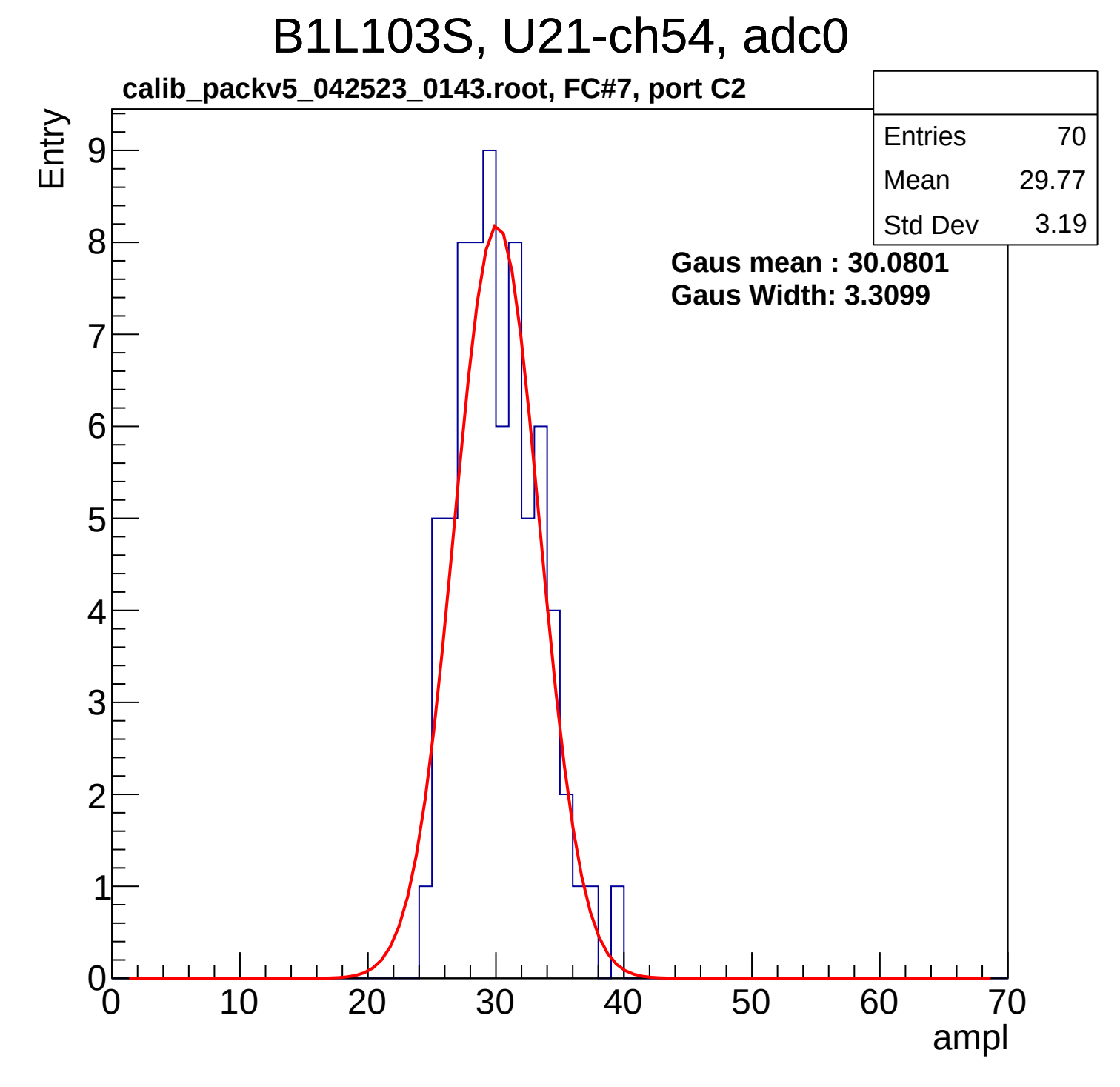

B1L103S, U21-ch53, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 6
Mean 61.83
Std Dev 1.462
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U21-ch53, 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, U21-ch54, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 29.77
Std Dev 3.19
Gaus mean : 30.0801
Gaus Width: 3.3099
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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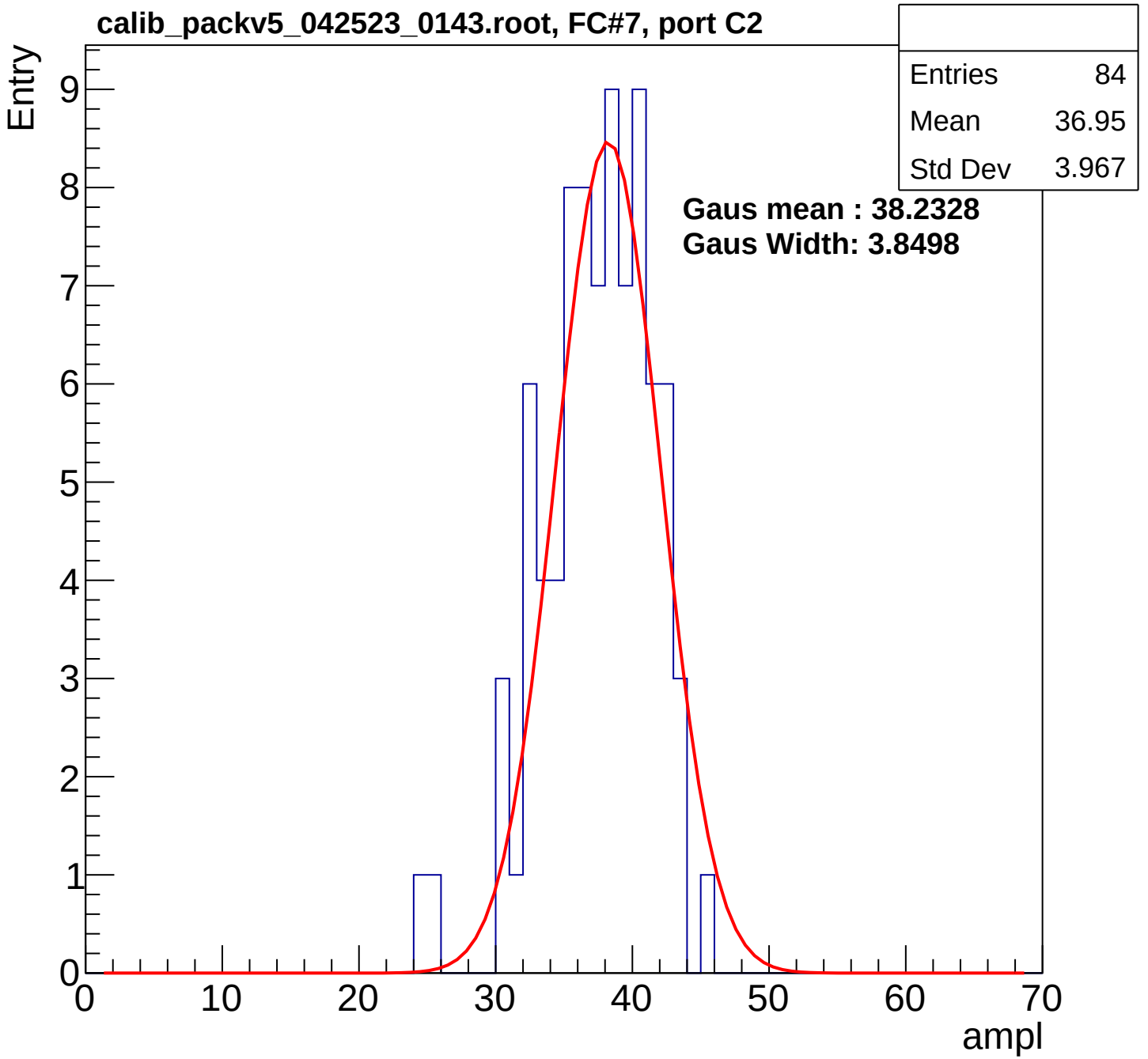
B1L103S, U21-ch54, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 84
Mean 36.95
Std Dev 3.967
Gaus mean : 38.2328
Gaus Width: 3.8498
Entry
ampl
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2
3
4
5
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0
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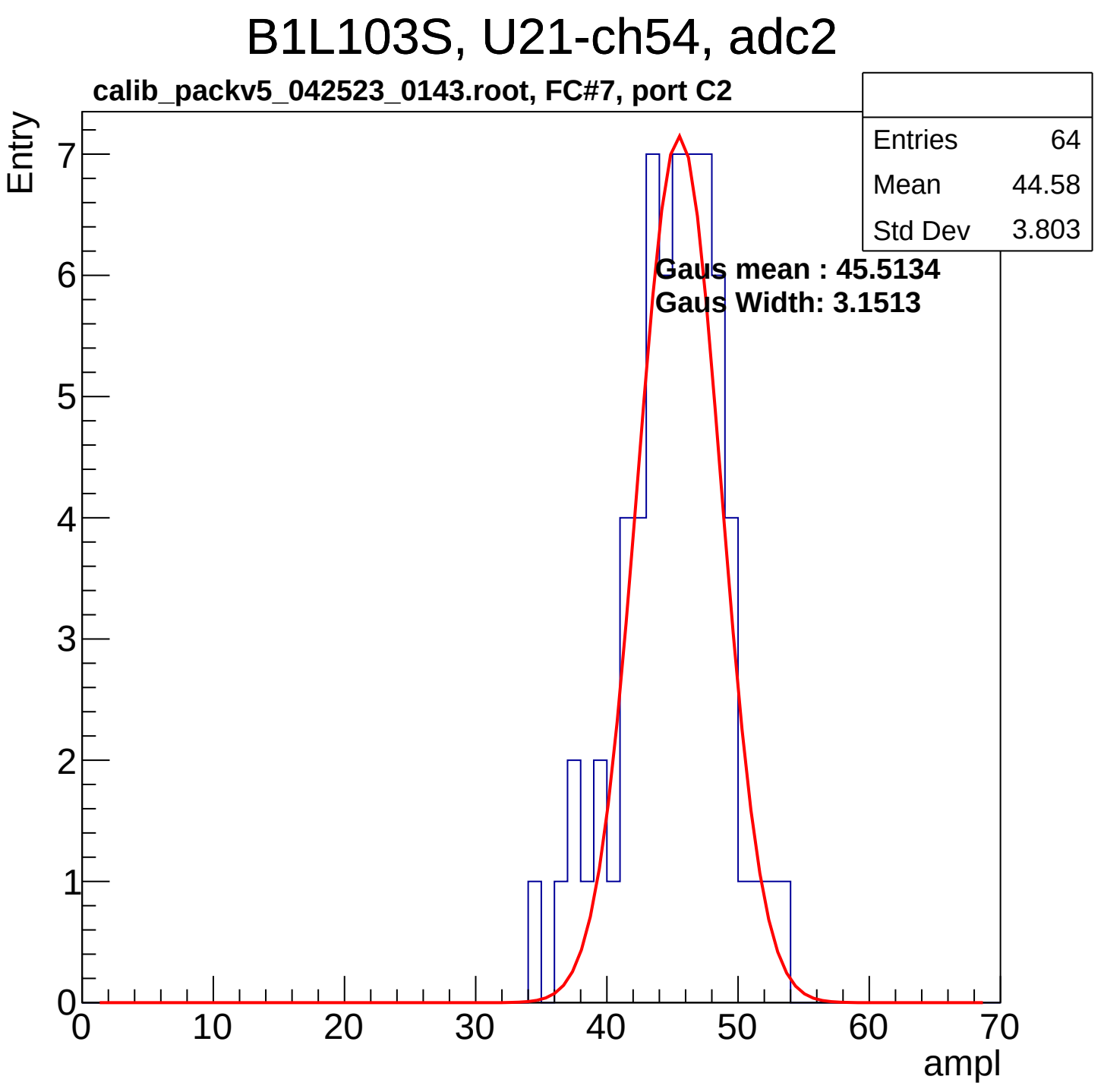
B1L103S, U21-ch54, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 44.58
Std Dev 3.803
Gaus mean : 45.5134
Gaus Width: 3.1513
Entry
ampl
0
1
2
3
4
5
6
7
0
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60
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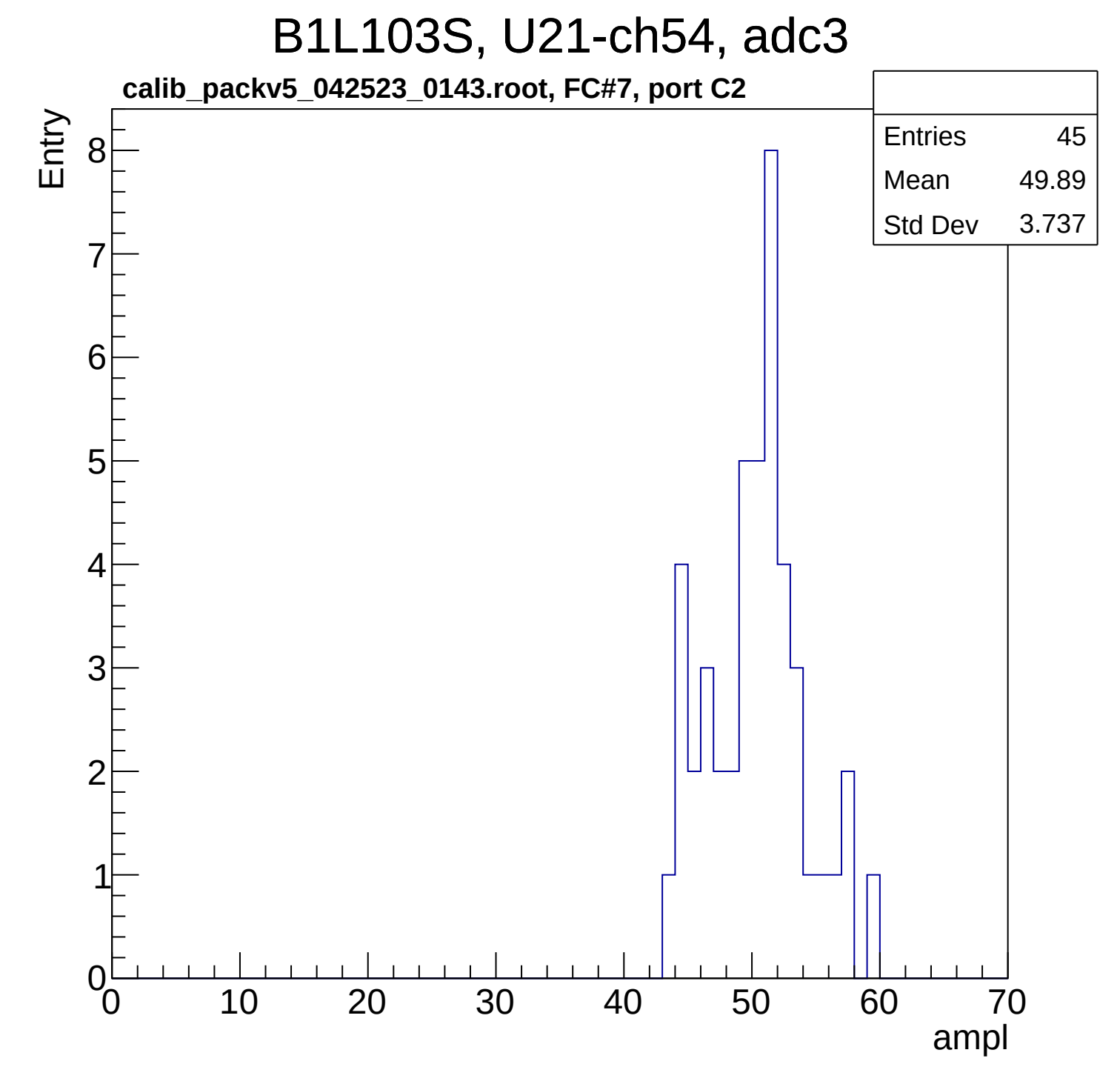
B1L103S, U21-ch54, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 45
Mean 49.89
Std Dev 3.737
Entry
ampl
0
1
2
3
4
5
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7
8
0
10
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60
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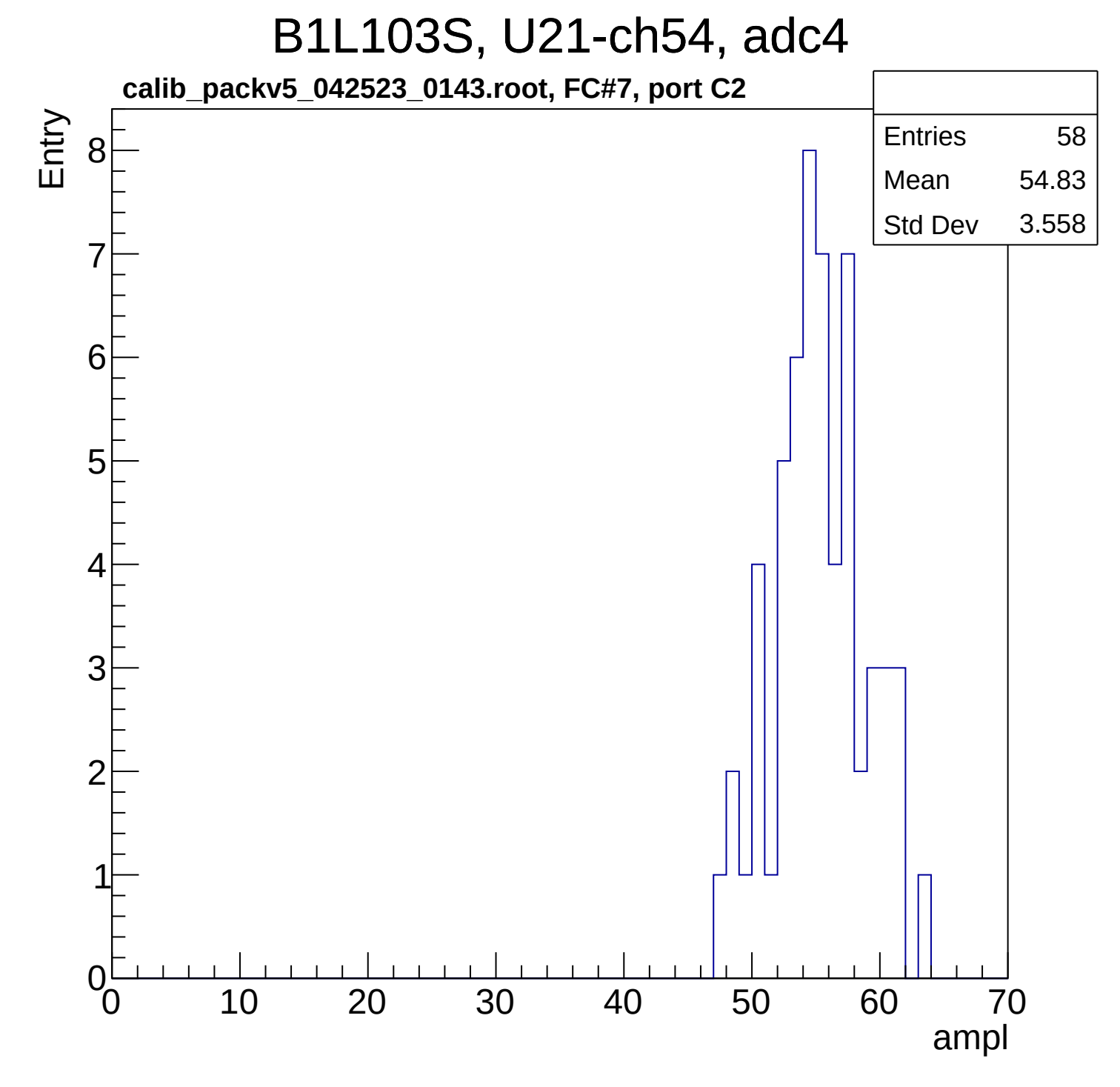
B1L103S, U21-ch54, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 54.83
Std Dev 3.558
Entry
ampl
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1
2
3
4
5
6
7
8
0
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60
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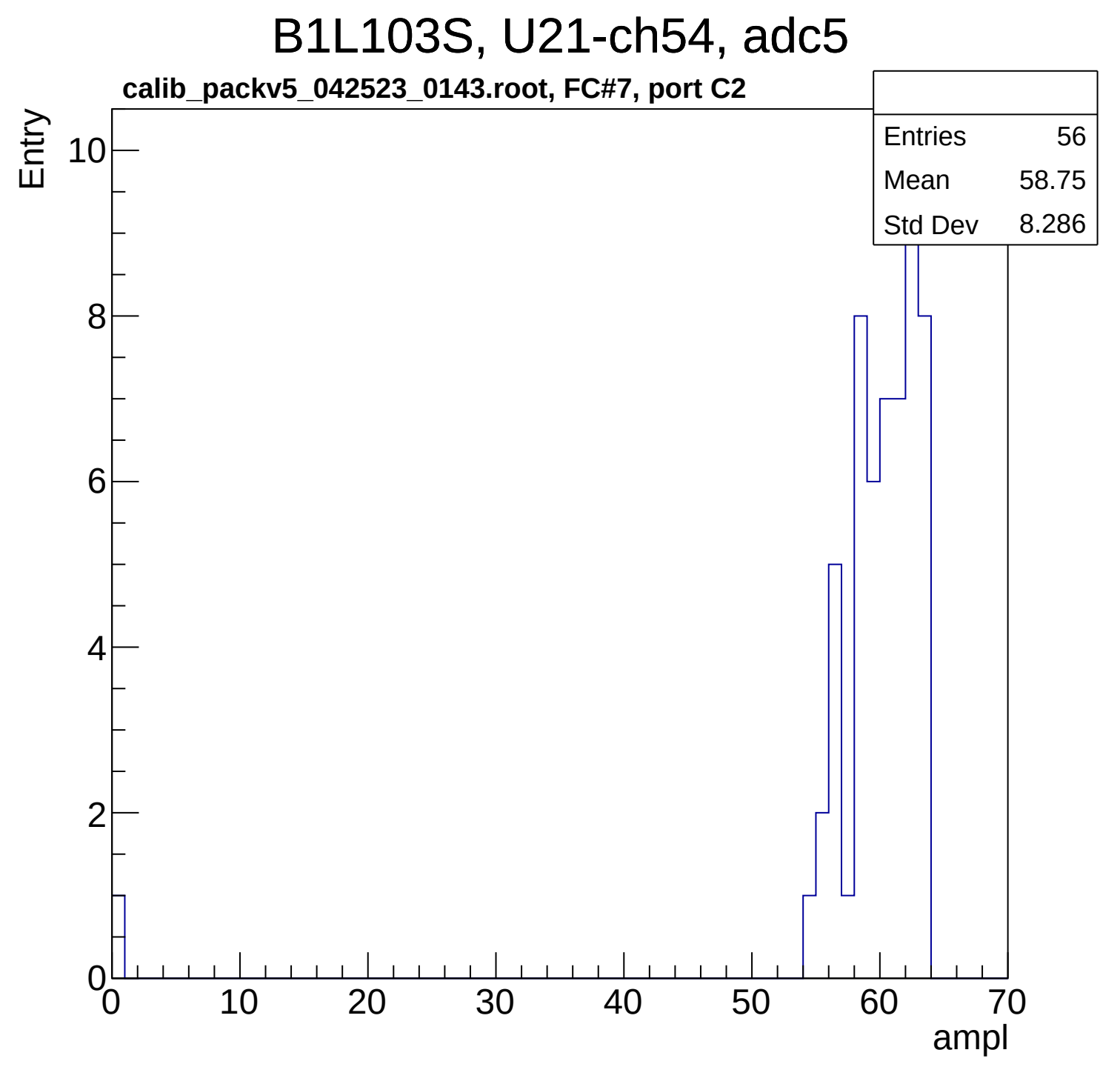
B1L103S, U21-ch54, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 58.75
Std Dev 8.286
Entry
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2
4
6
8
10
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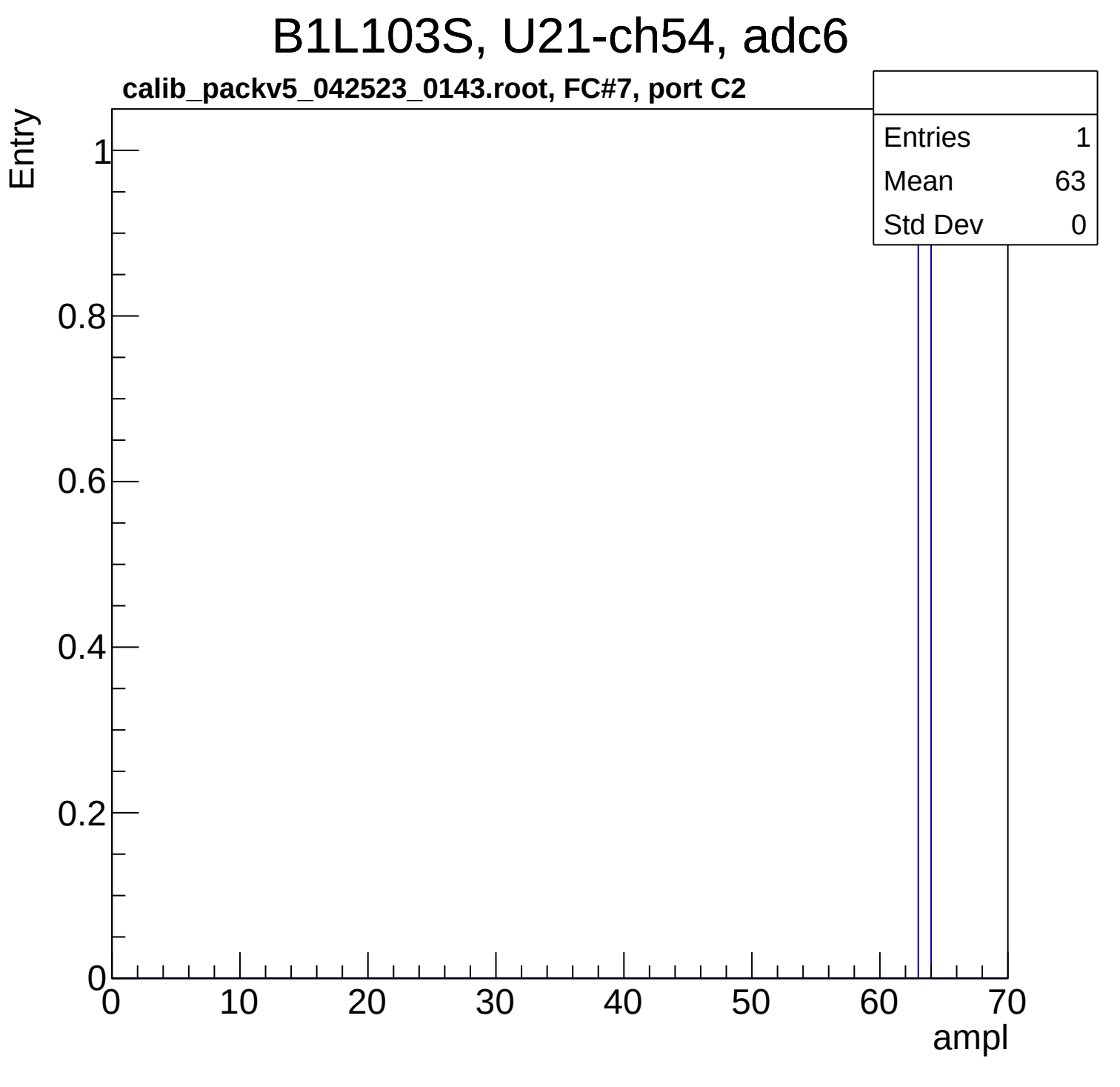
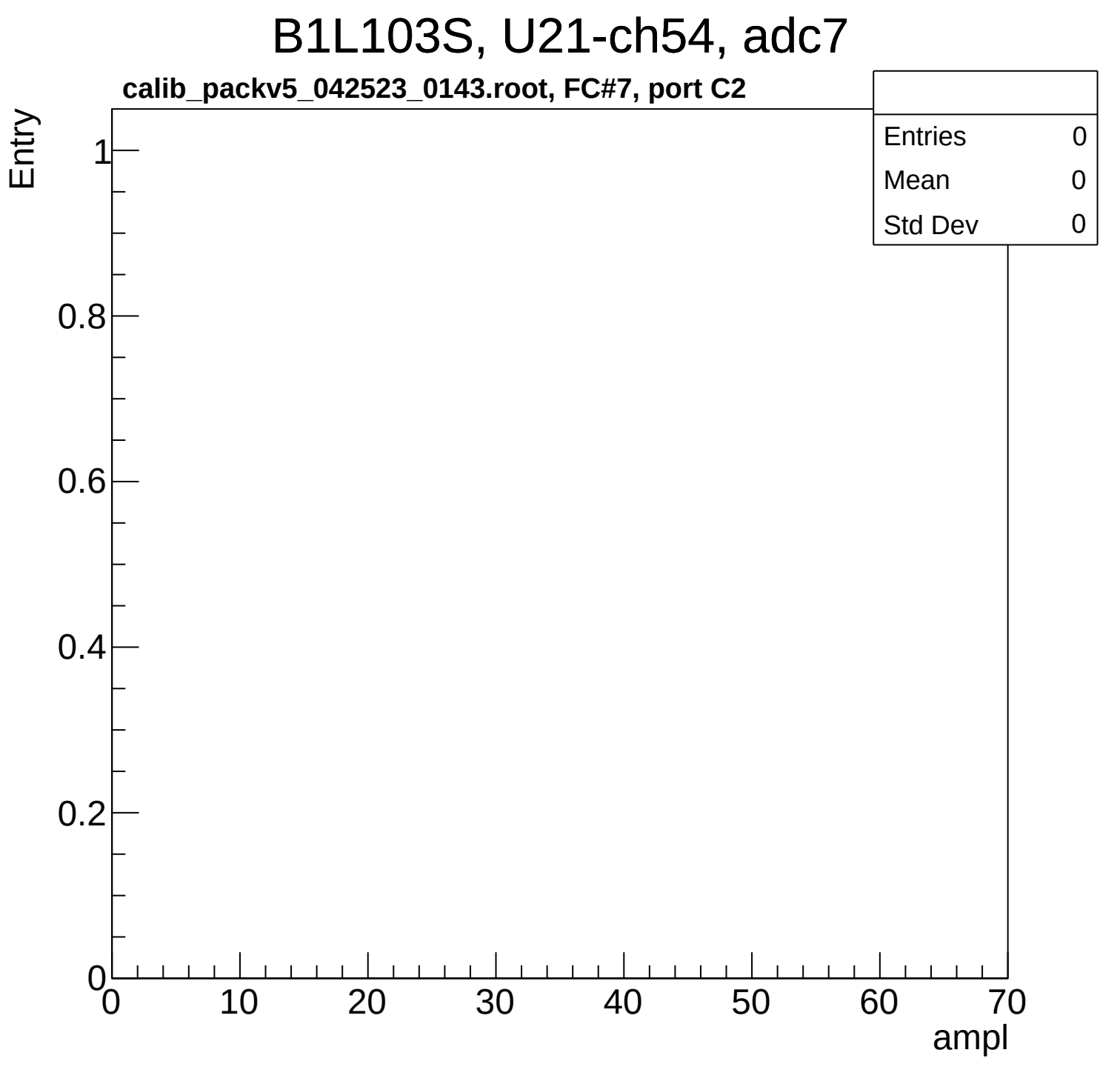
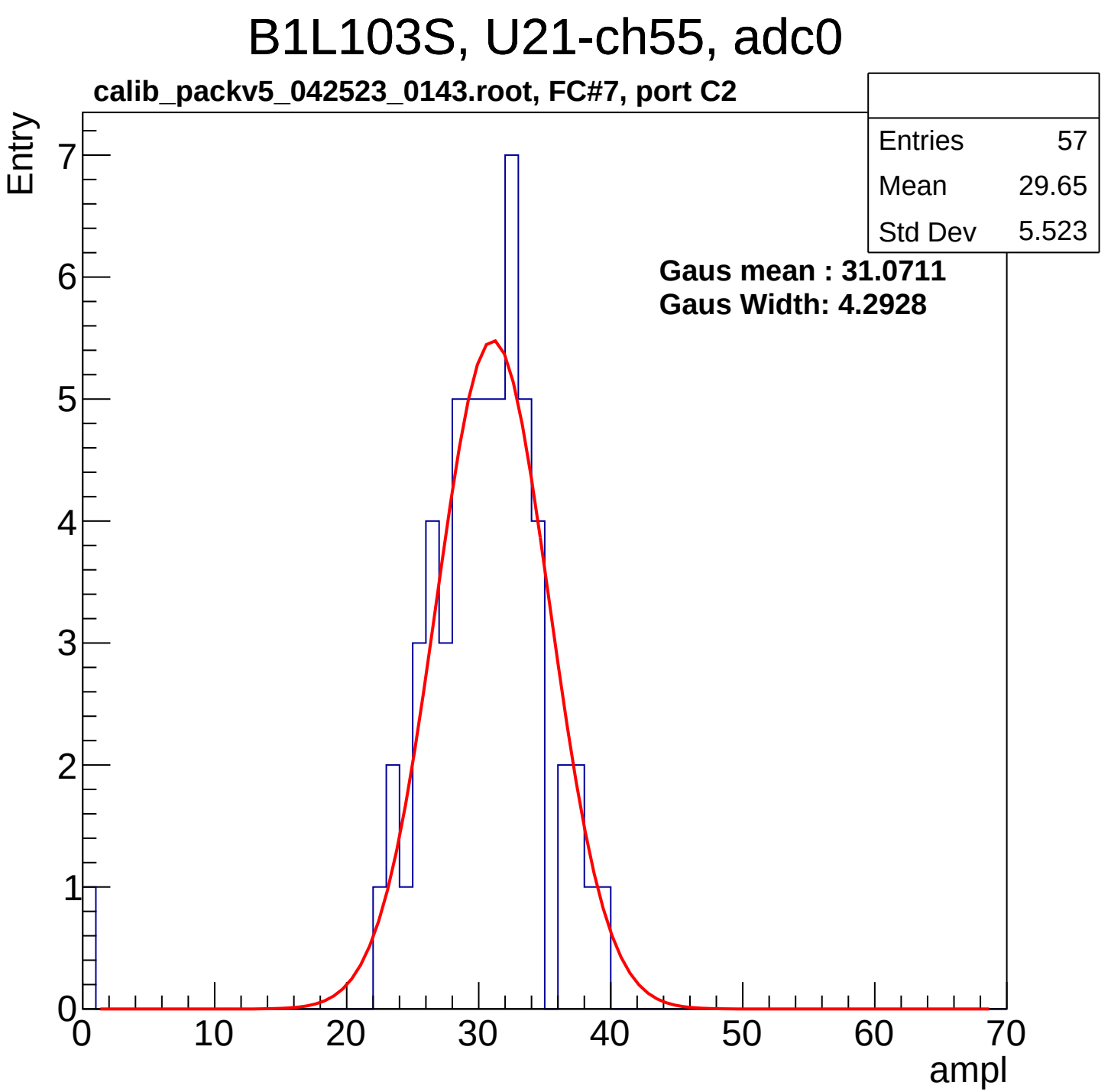
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch54, 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, U21-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, U21-ch55, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 29.65
Std Dev 5.523
Gaus mean : 31.0711
Gaus Width: 4.2928
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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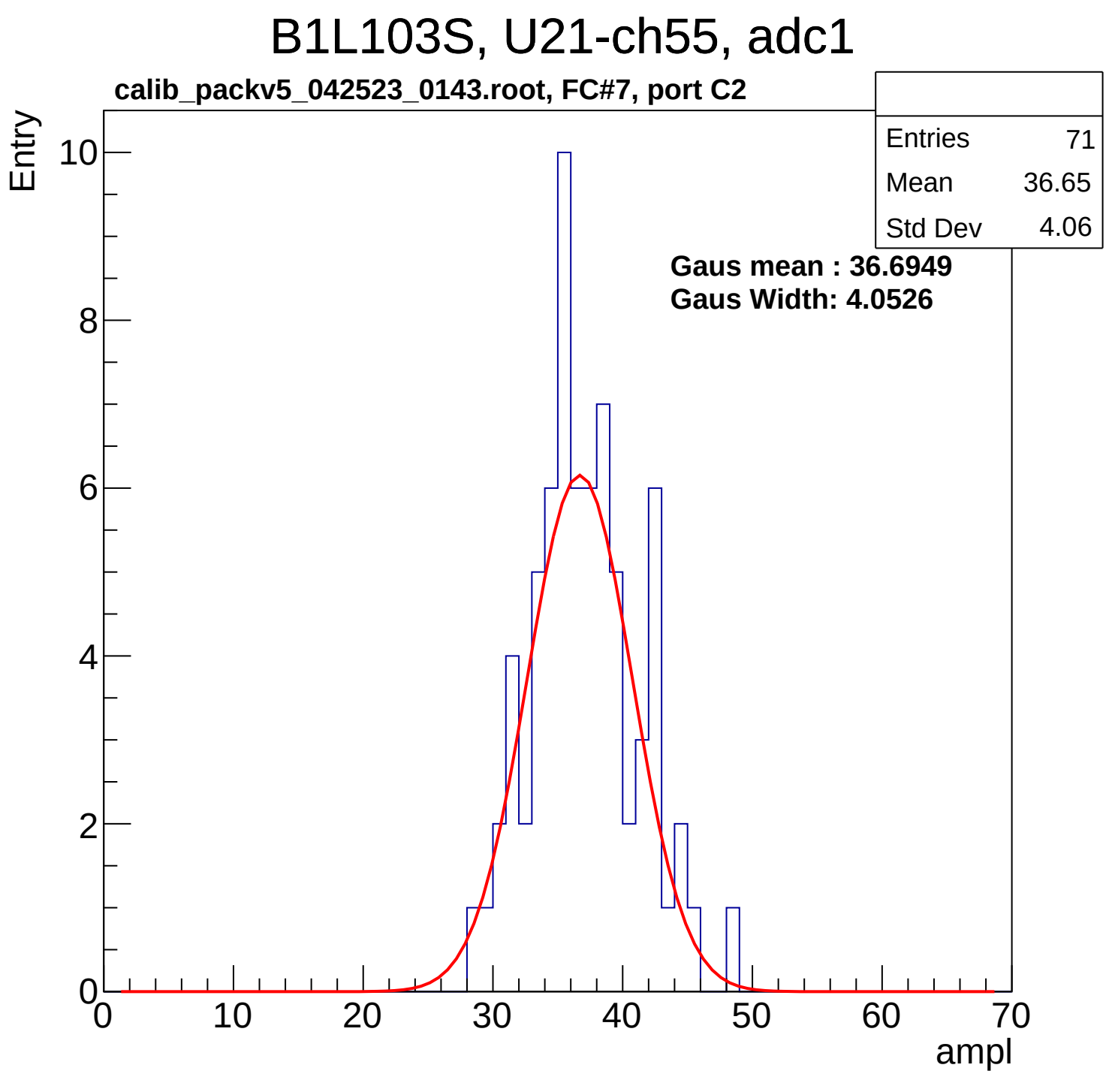
B1L103S, U21-ch55, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 36.65
Std Dev 4.06
Gaus mean : 36.6949
Gaus Width: 4.0526
Entry
ampl
0
2
4
6
8
10
0
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20
30
40
50
60
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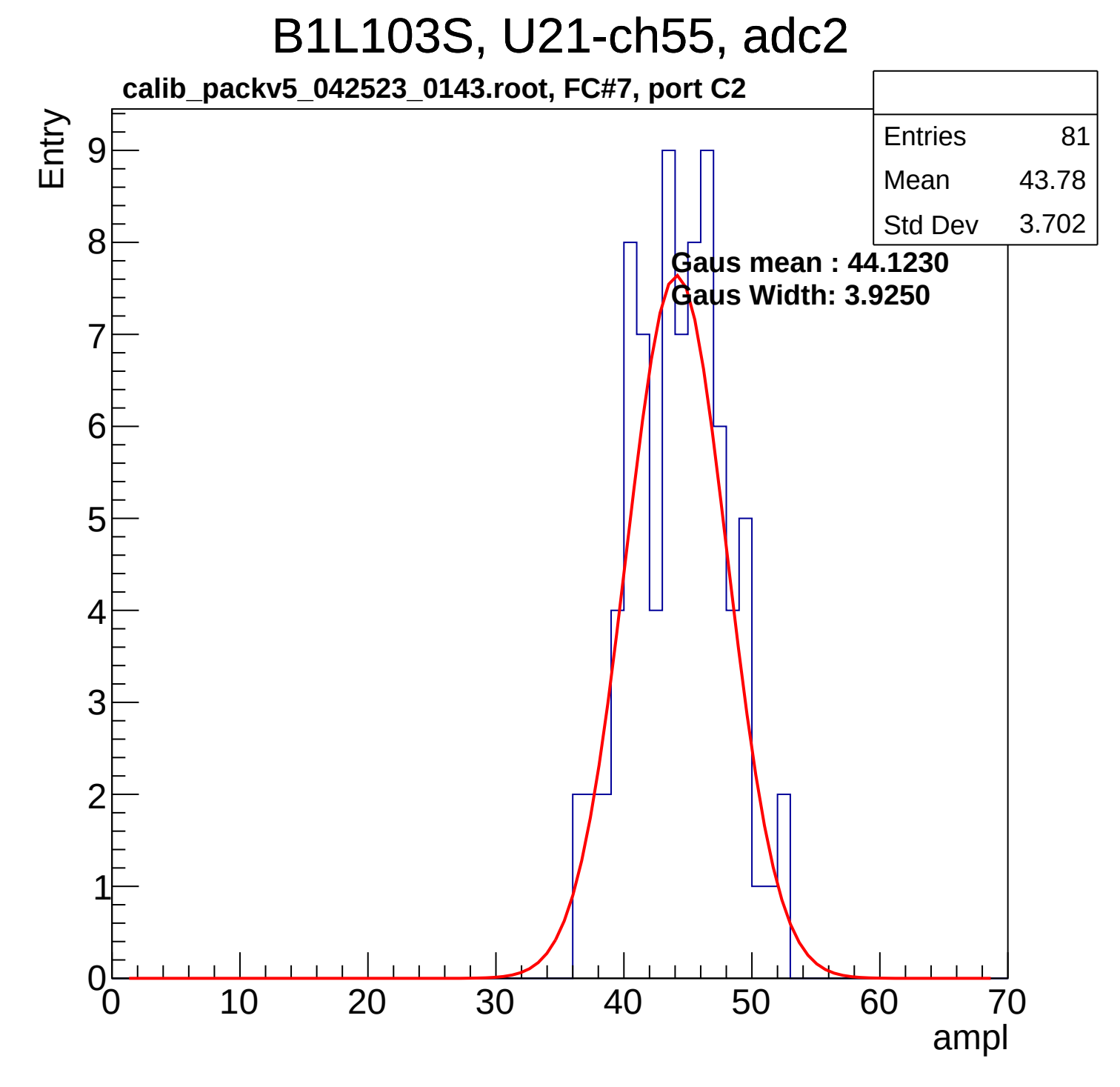
B1L103S, U21-ch55, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 81
Mean 43.78
Std Dev 3.702
Gaus mean : 44.1230
Gaus Width: 3.9250
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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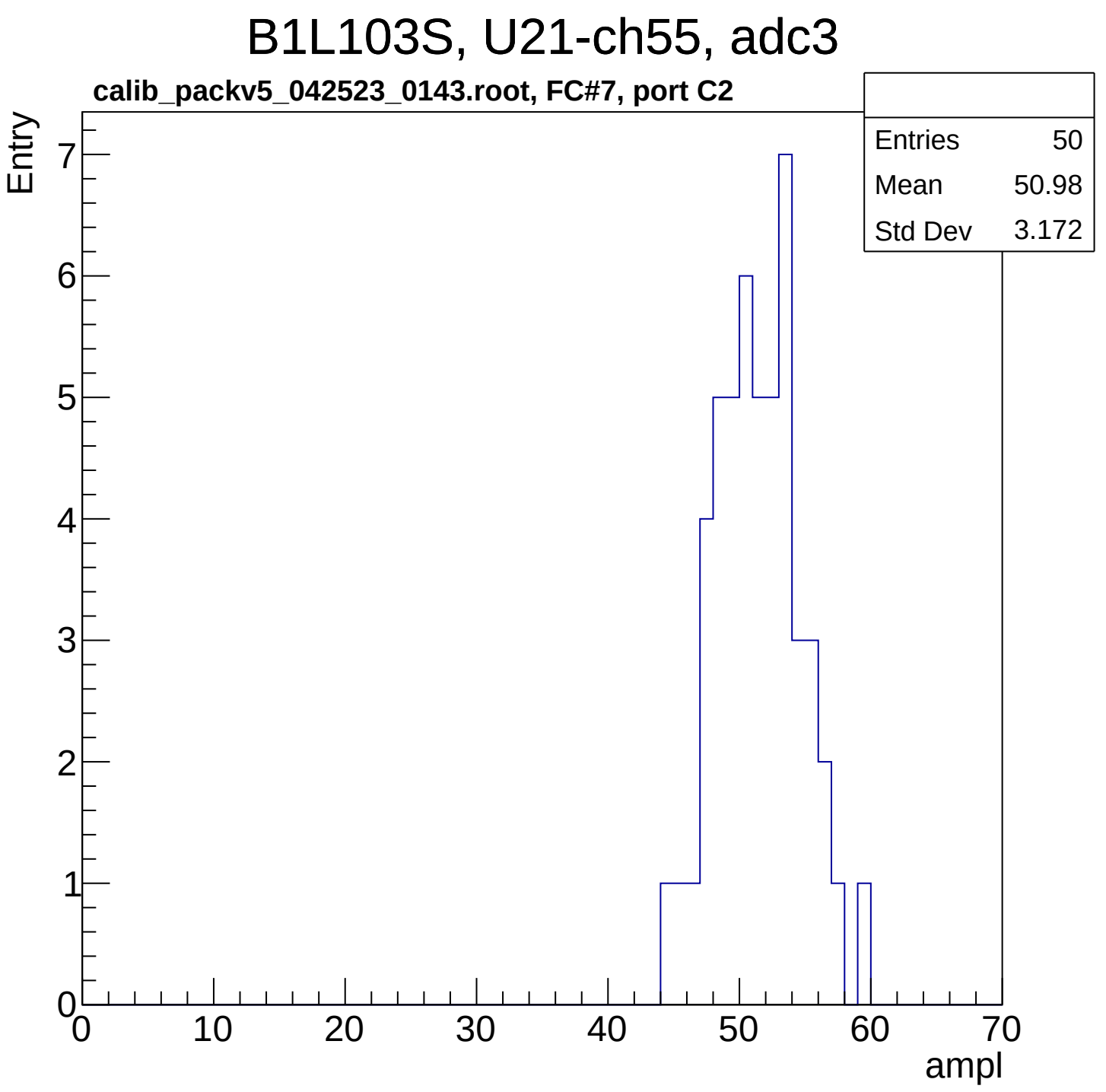
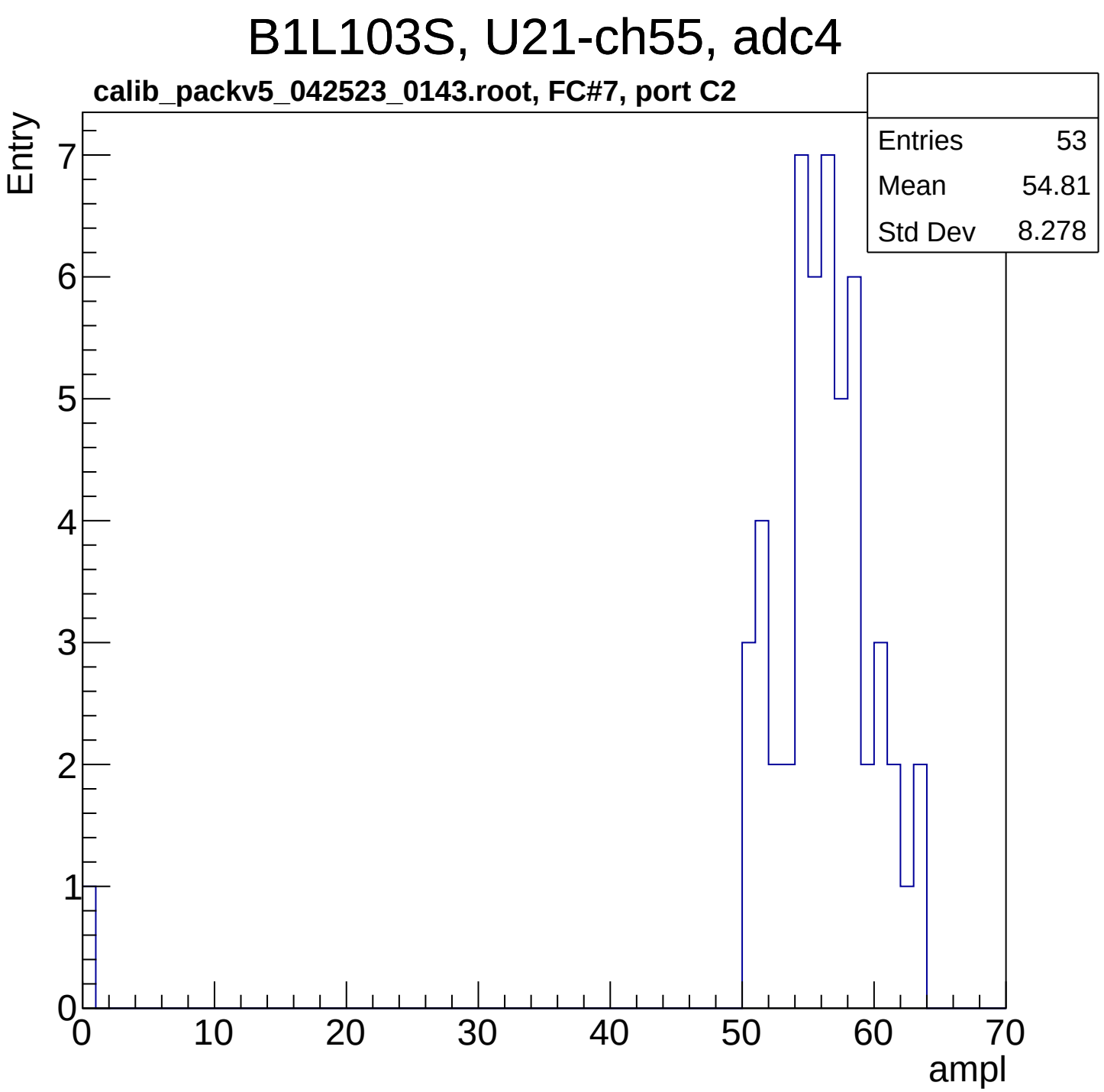

B1L103S, U21-ch55, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 50
Mean 50.98
Std Dev 3.172
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch55, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 53
Mean 54.81
Std Dev 8.278
Entry
ampl
0
1
2
3
4
5
6
7
0
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60
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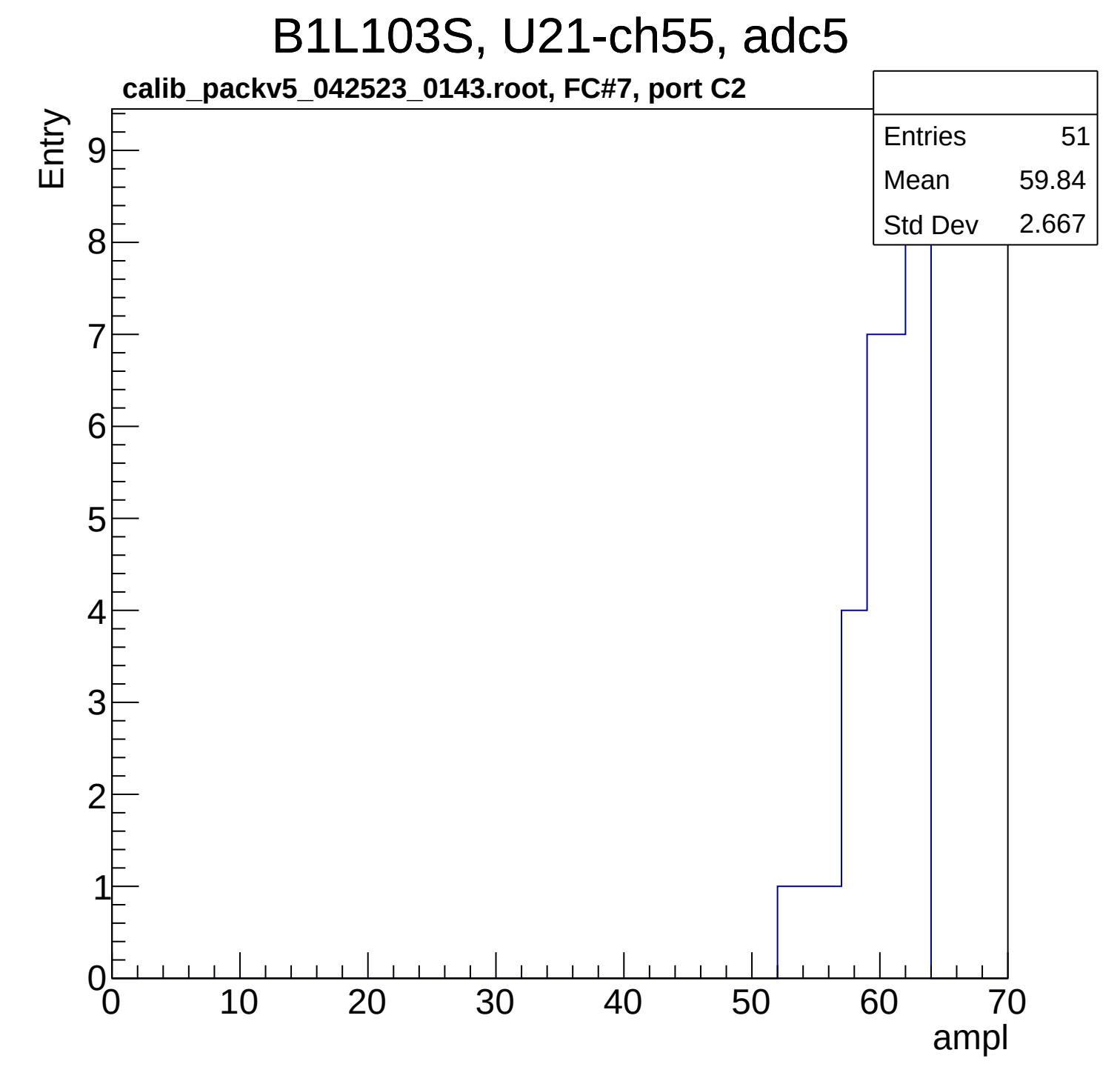
B1L103S, U21-ch55, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 59.84
Std Dev 2.667
Entry
ampl
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2
3
4
5
6
7
8
9
0
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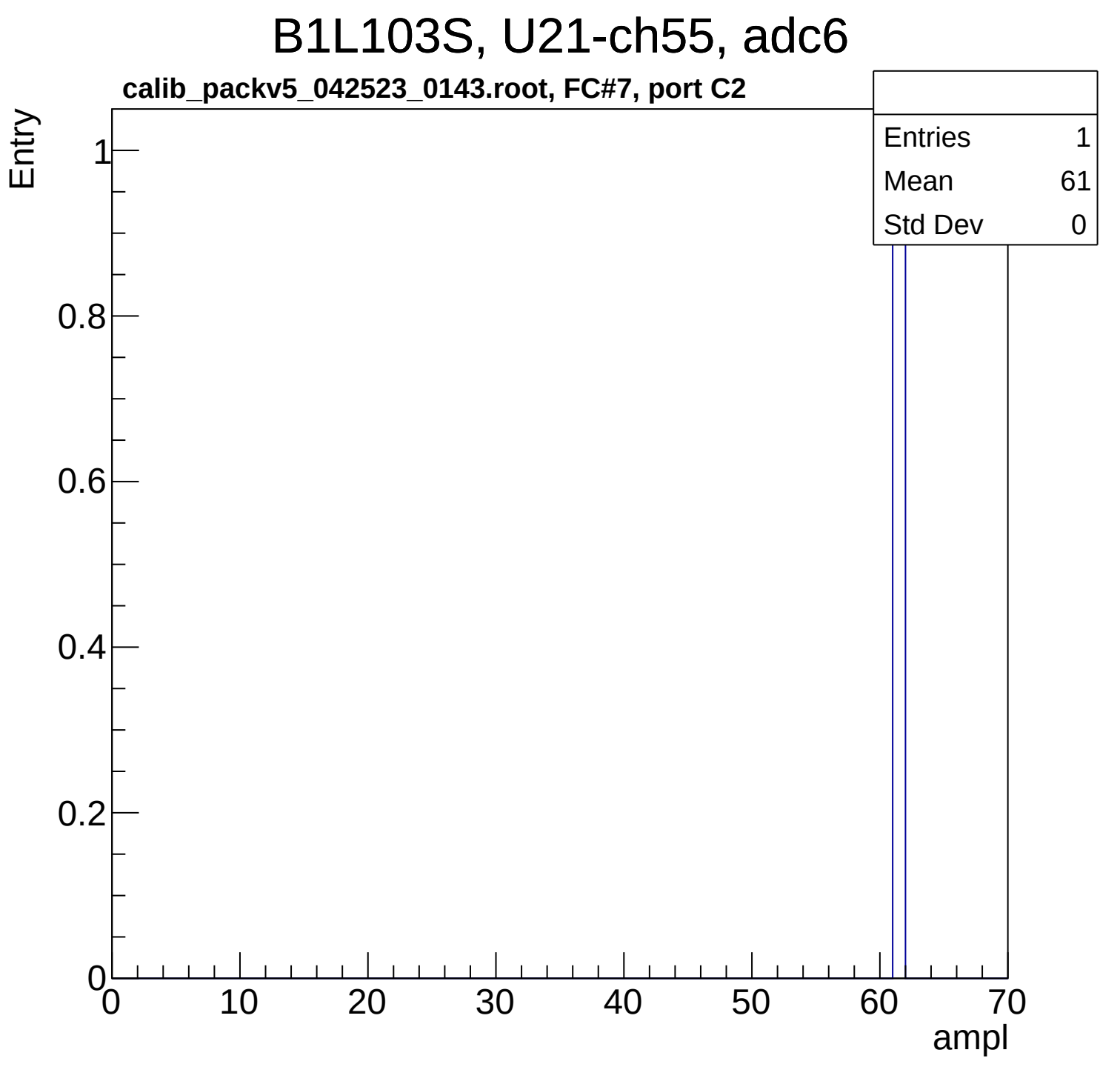
B1L103S, U21-ch55, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 61
Std Dev 0
Entry
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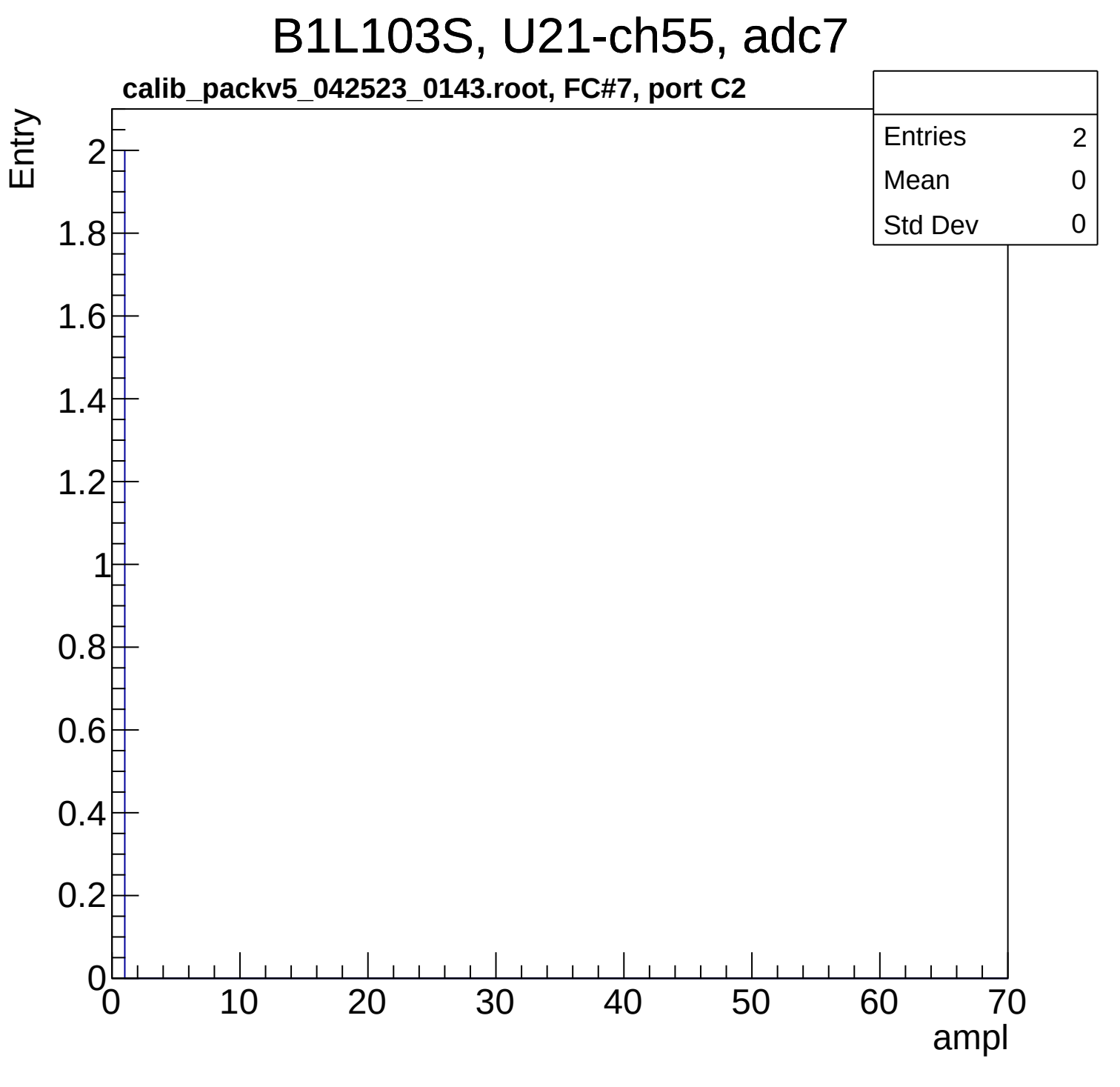
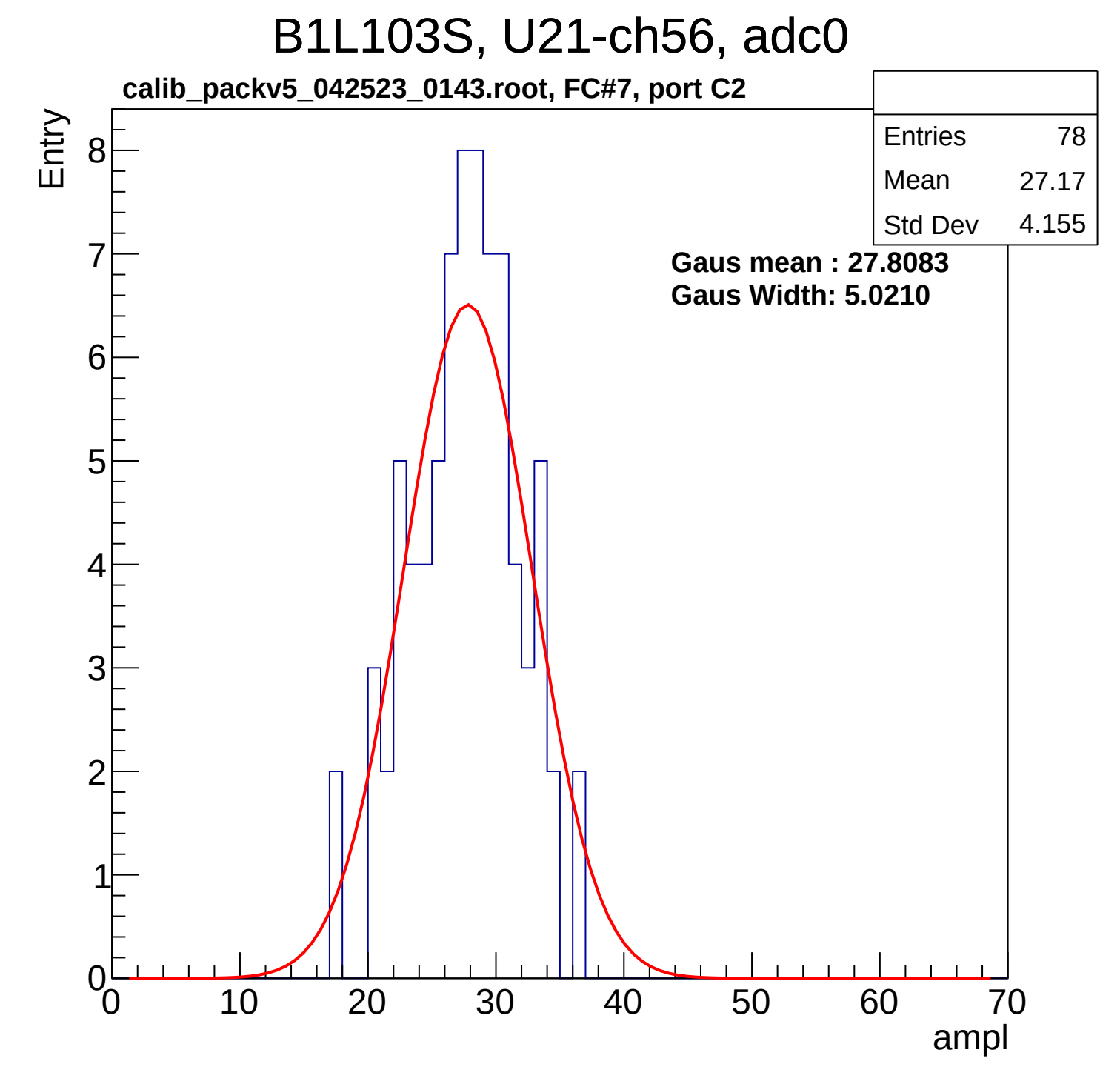
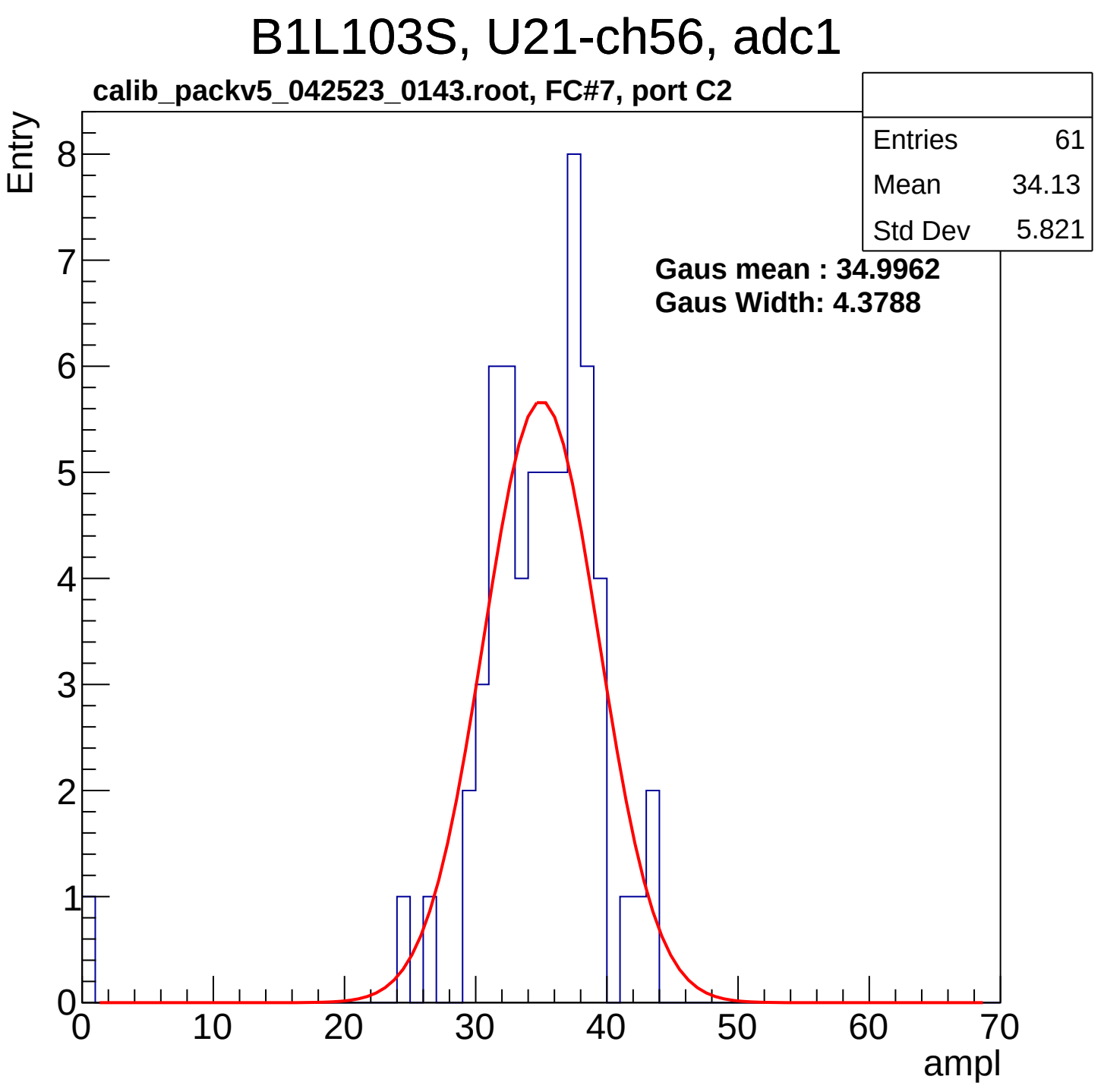
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch55, 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, U21-ch56, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 78
Mean 27.17
Std Dev 4.155
Gaus mean : 27.8083
Gaus Width: 5.0210
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch56, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 34.13
Std Dev 5.821
Gaus mean : 34.9962
Gaus Width: 4.3788
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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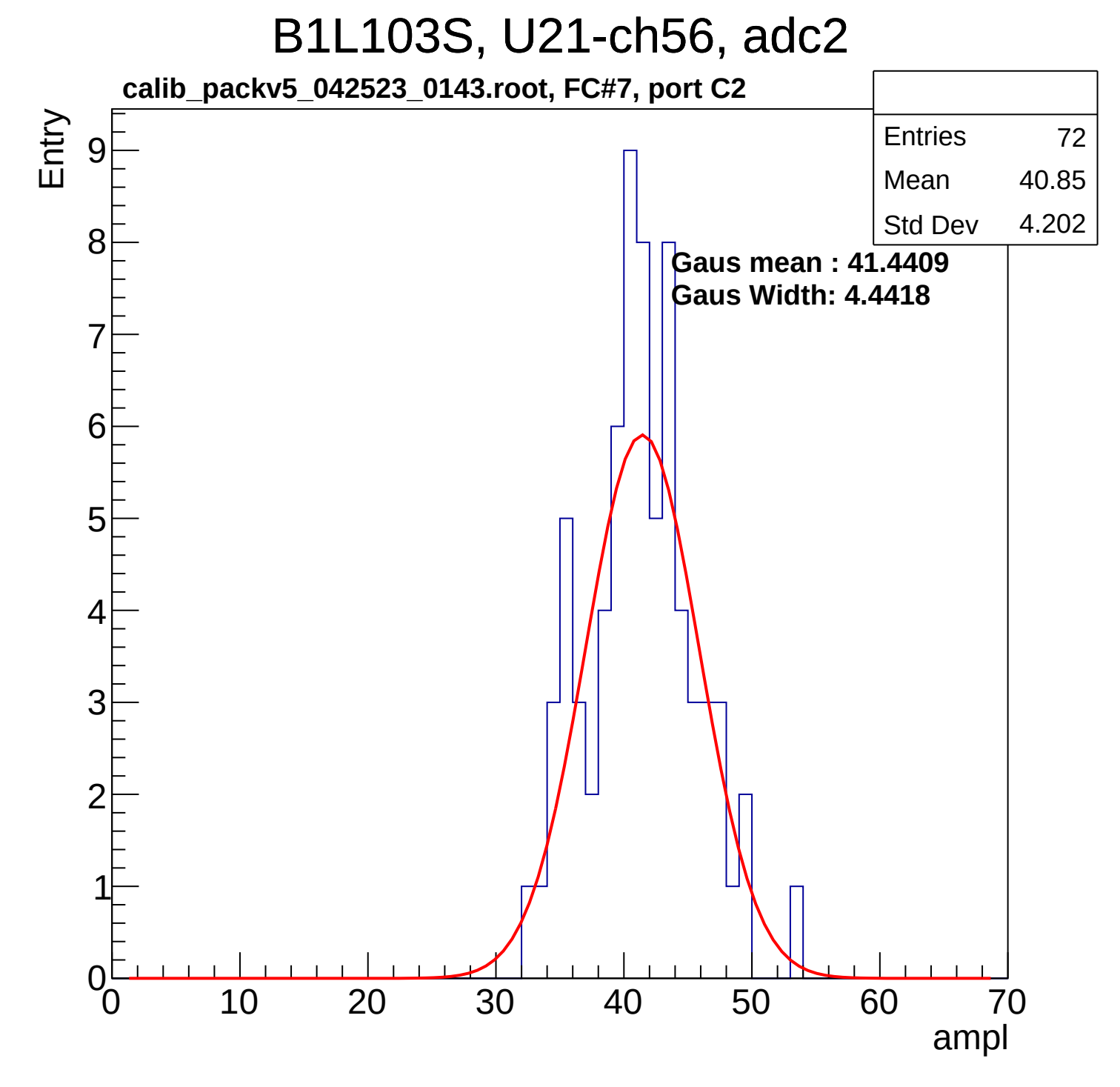
B1L103S, U21-ch56, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 40.85
Std Dev 4.202
Gaus mean : 41.4409
Gaus Width: 4.4418
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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60
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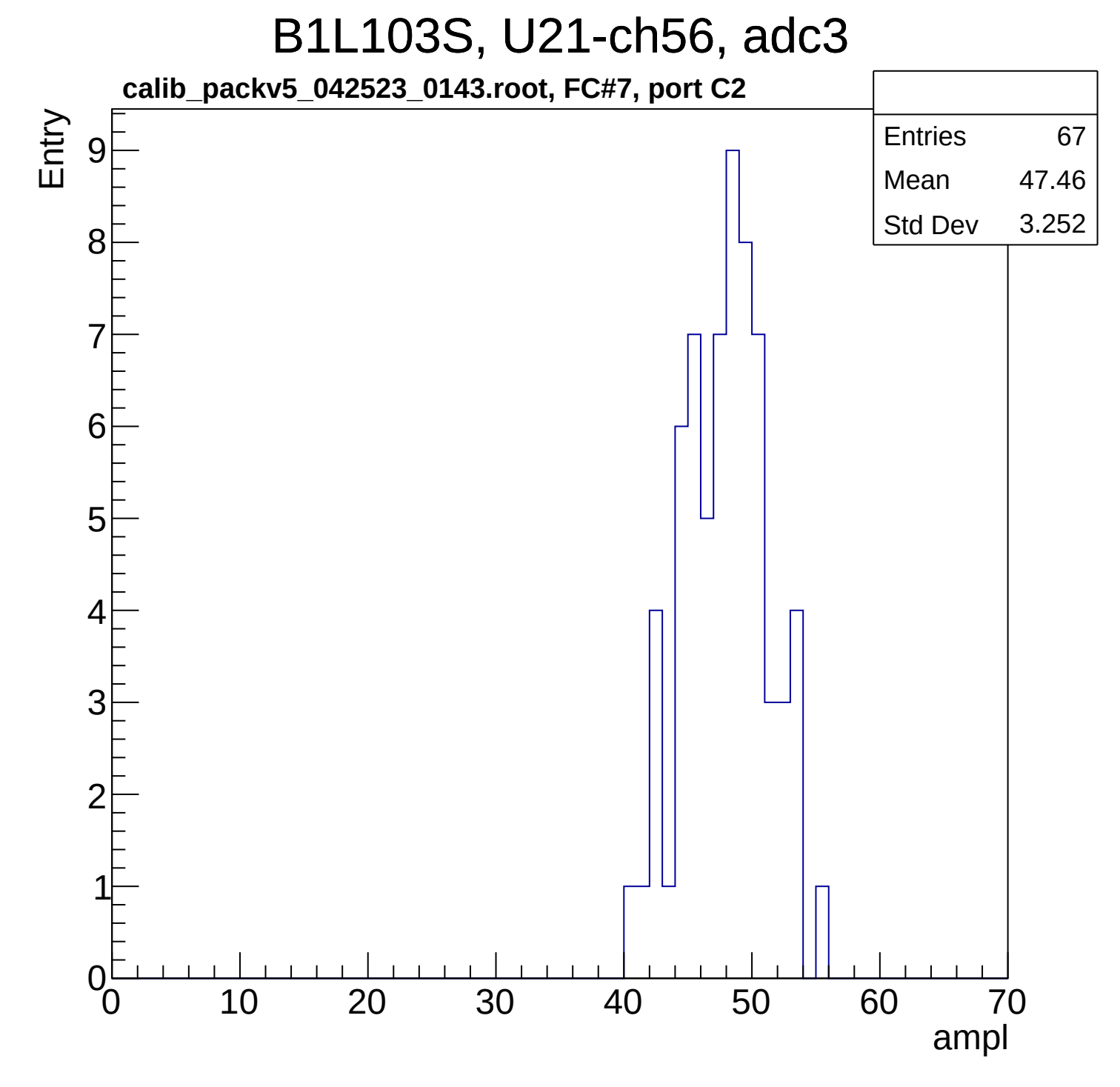
B1L103S, U21-ch56, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 47.46
Std Dev 3.252
Entry
ampl
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3
4
5
6
7
8
9
0
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20
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40
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60
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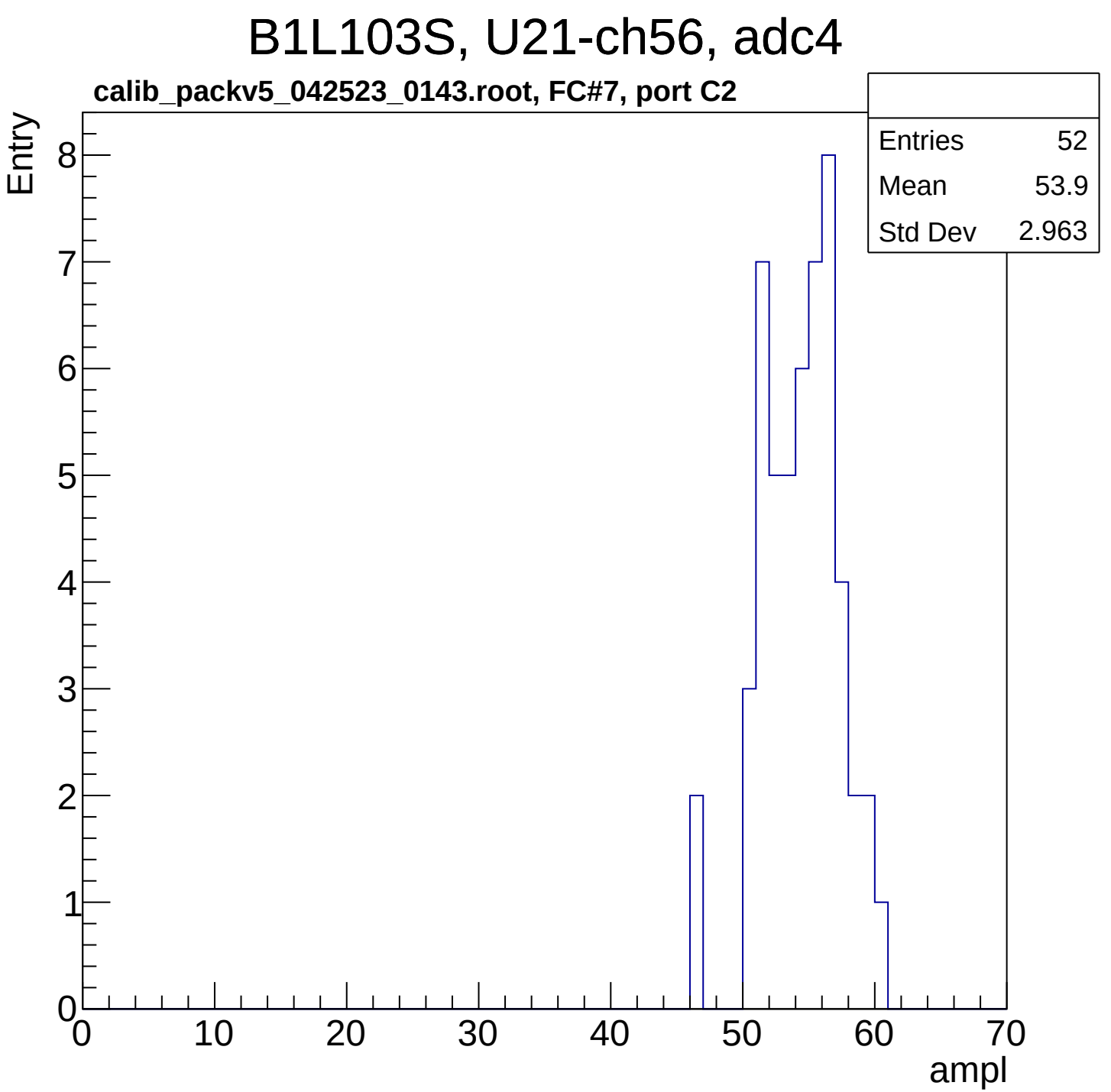
B1L103S, U21-ch56, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 52
Mean 53.9
Std Dev 2.963
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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60
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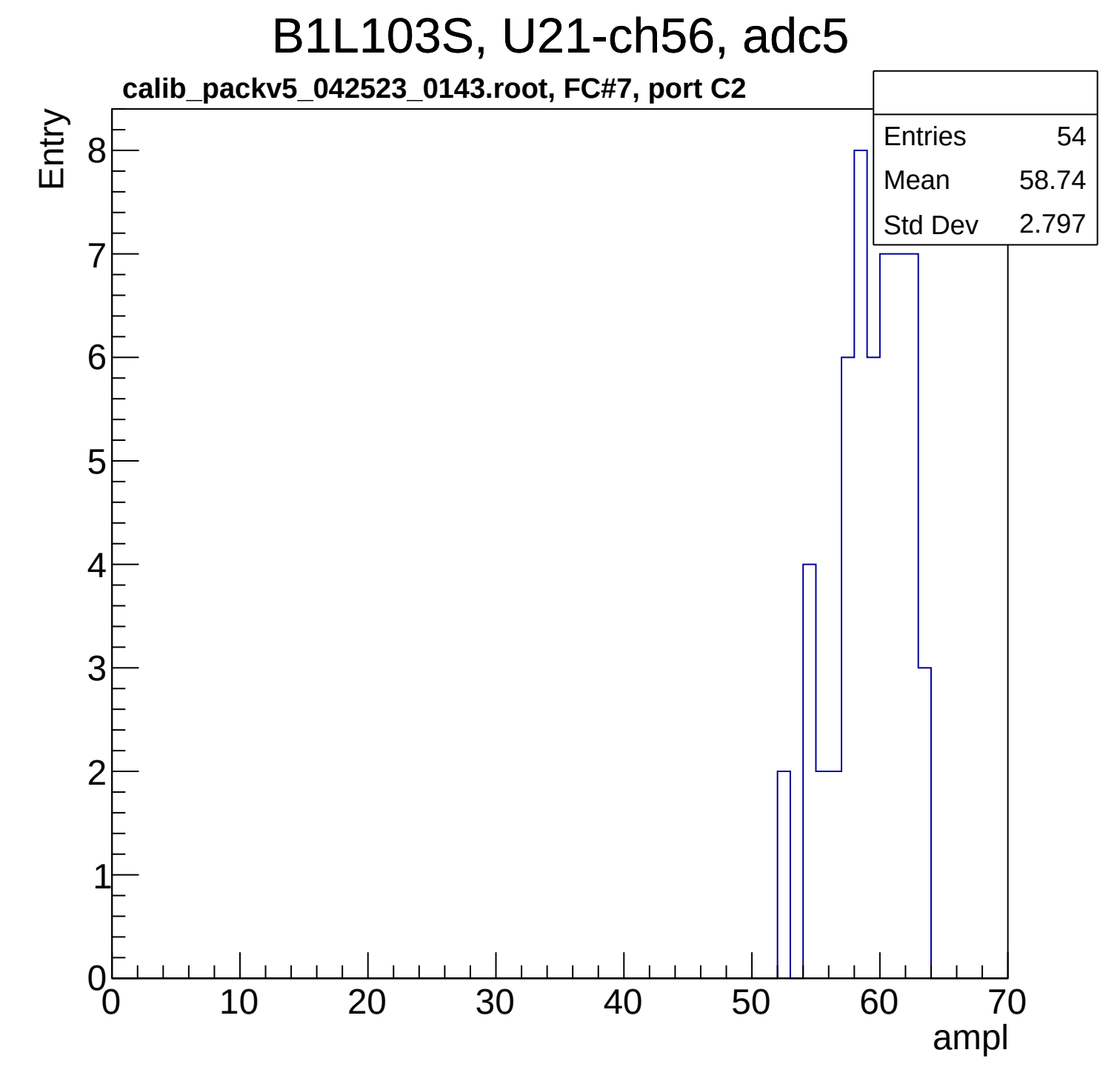
B1L103S, U21-ch56, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 58.74
Std Dev 2.797
Entry
ampl
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2
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4
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0
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60
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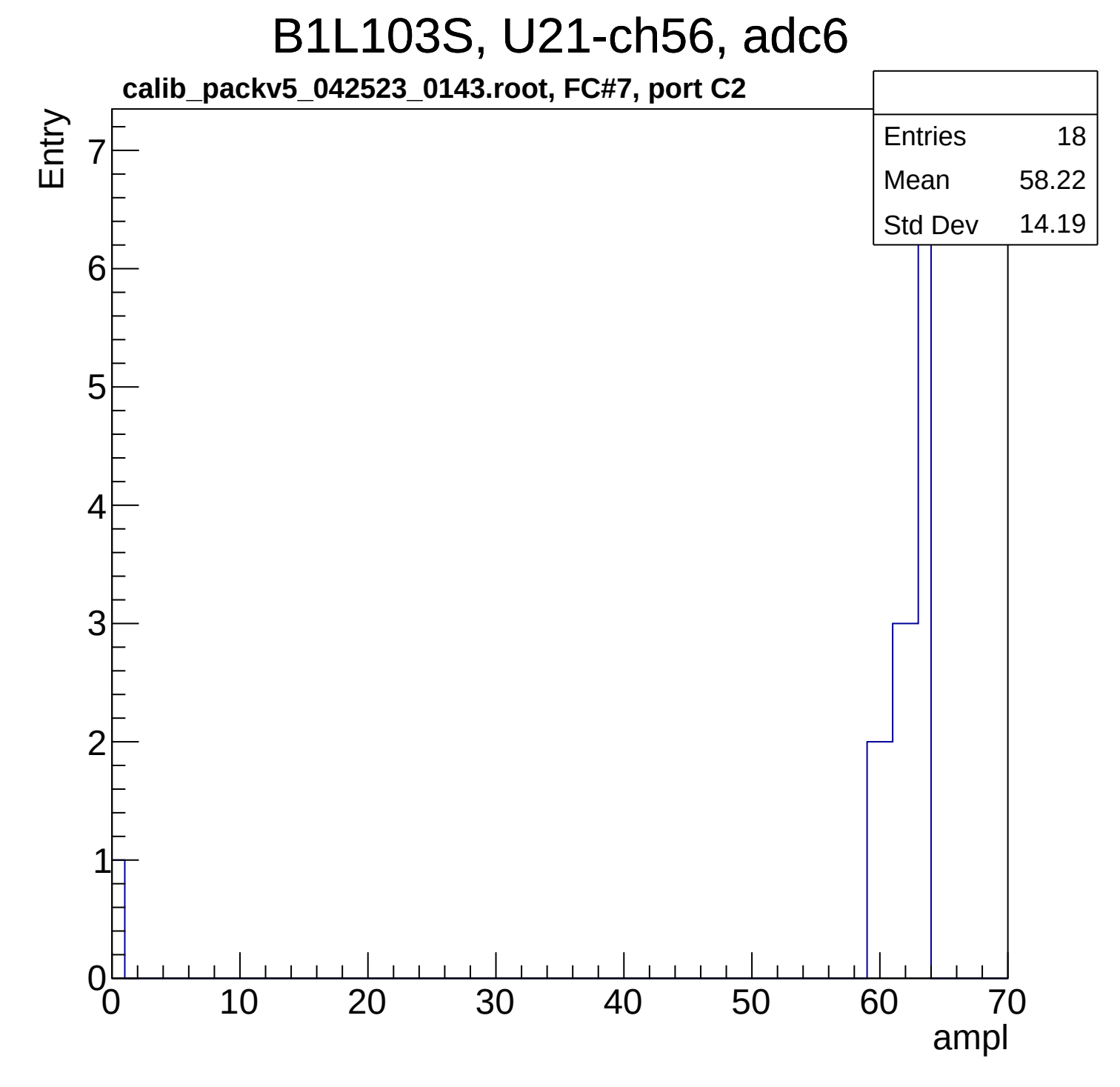
B1L103S, U21-ch56, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 18
Mean 58.22
Std Dev 14.19
Entry
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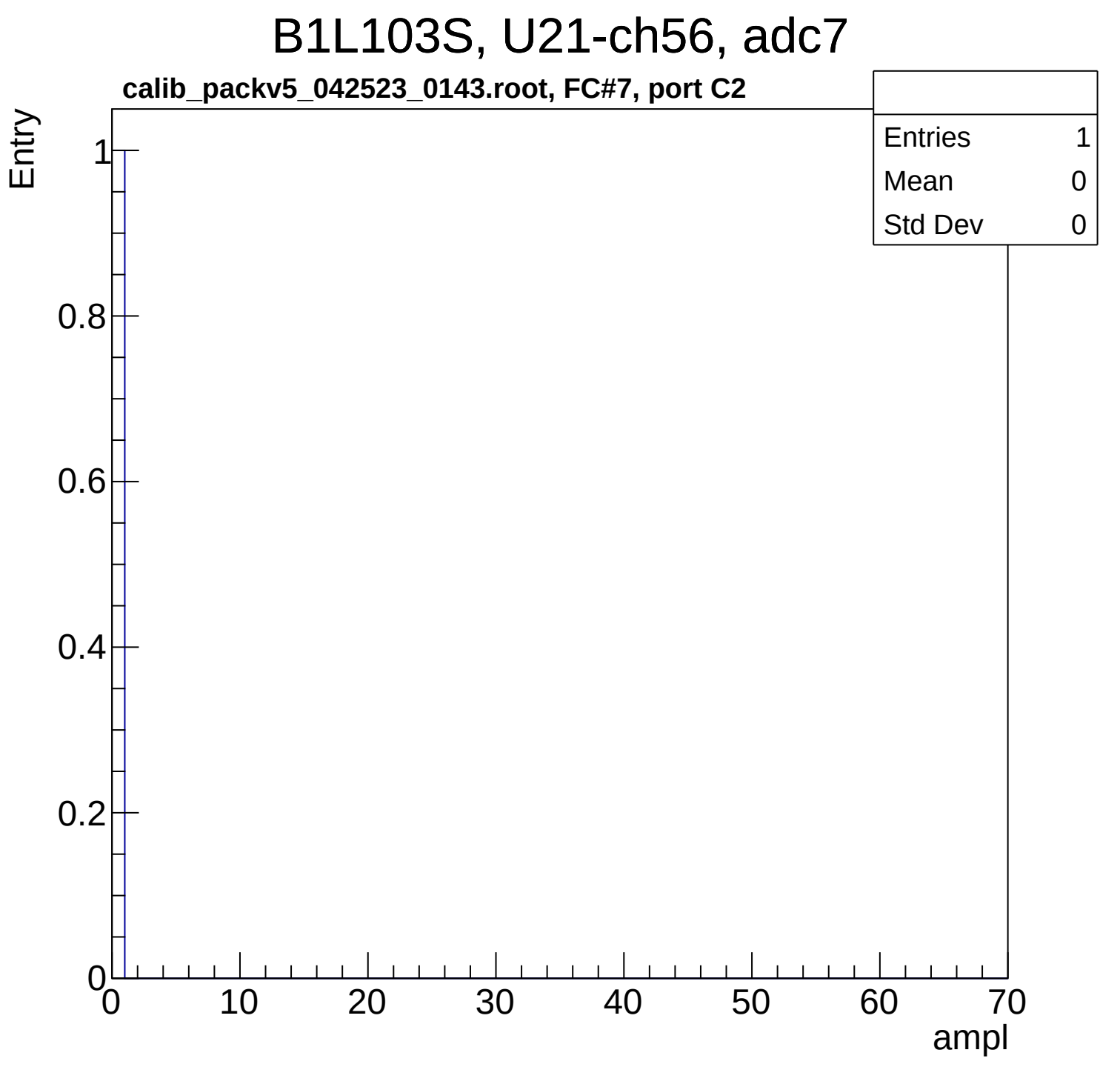
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch56, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
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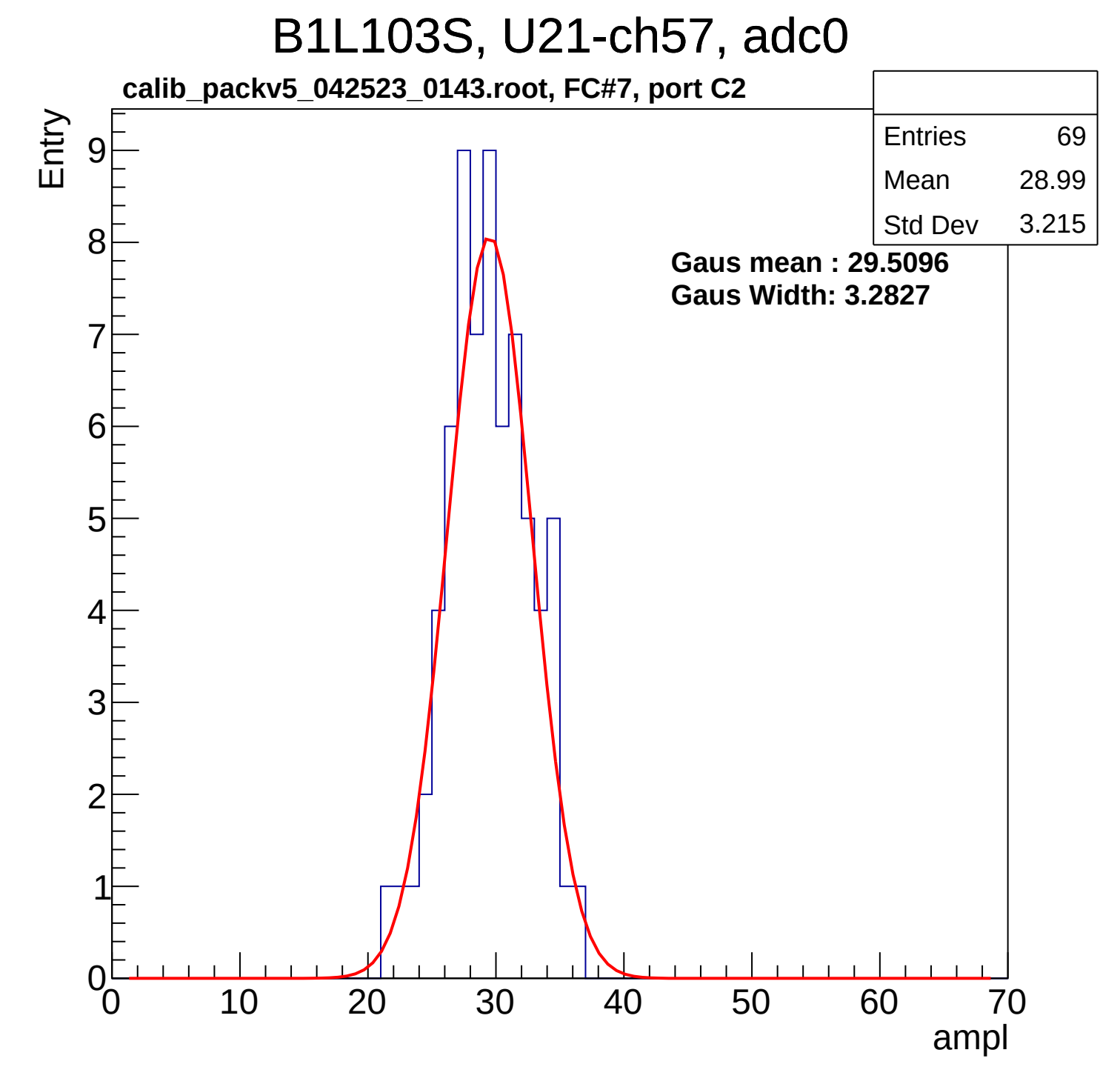
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch57, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 28.99
Std Dev 3.215
Gaus mean : 29.5096
Gaus Width: 3.2827
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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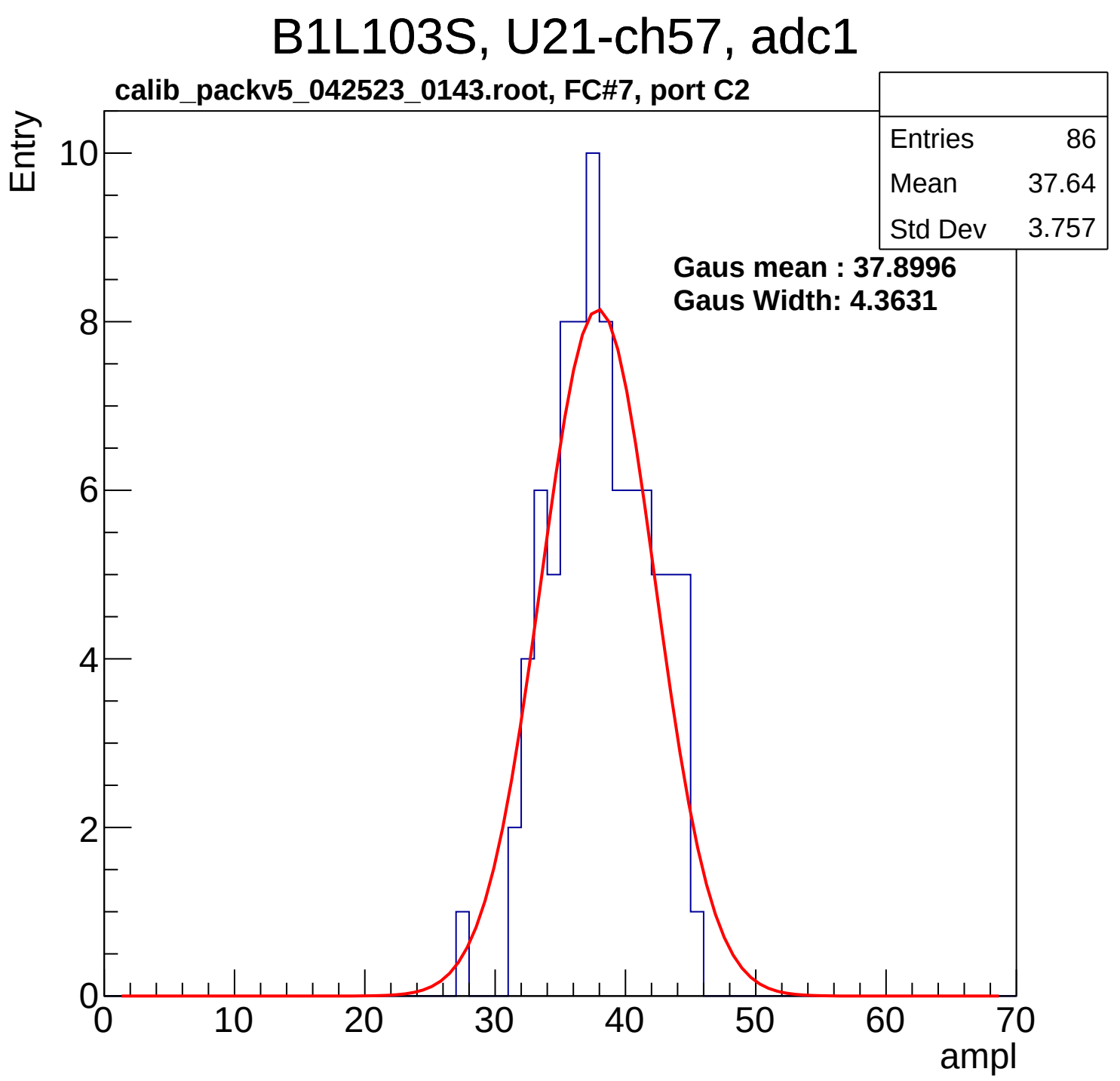
B1L103S, U21-ch57, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 86
Mean 37.64
Std Dev 3.757
Gaus mean : 37.8996
Gaus Width: 4.3631
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
50
60
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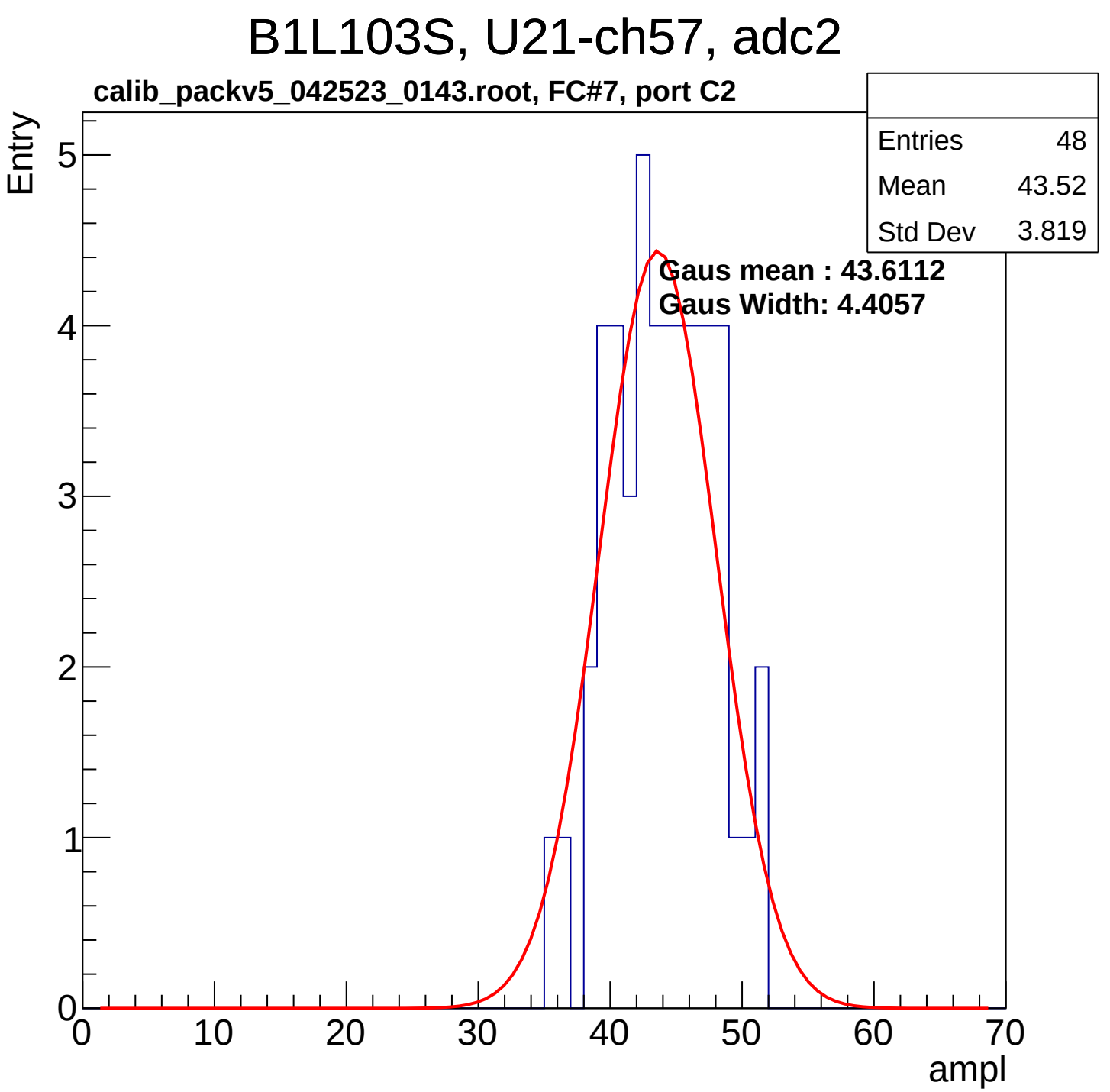
B1L103S, U21-ch57, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 48
Mean 43.52
Std Dev 3.819
Gaus mean : 43.6112
Gaus Width: 4.4057
Entry
ampl
0
1
2
3
4
5
0
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60
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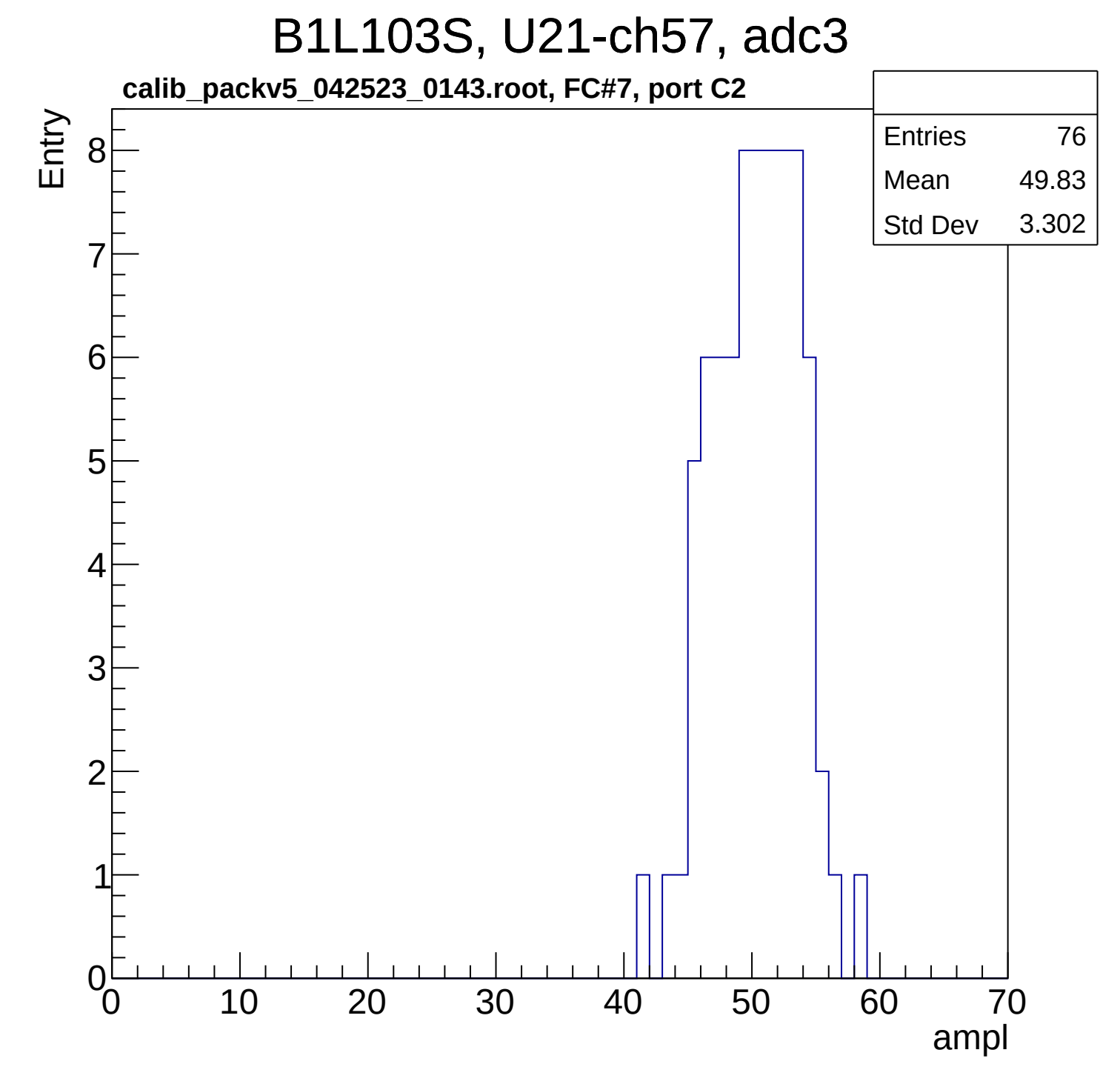
B1L103S, U21-ch57, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 49.83
Std Dev 3.302
Entry
ampl
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2
3
4
5
6
7
8
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60
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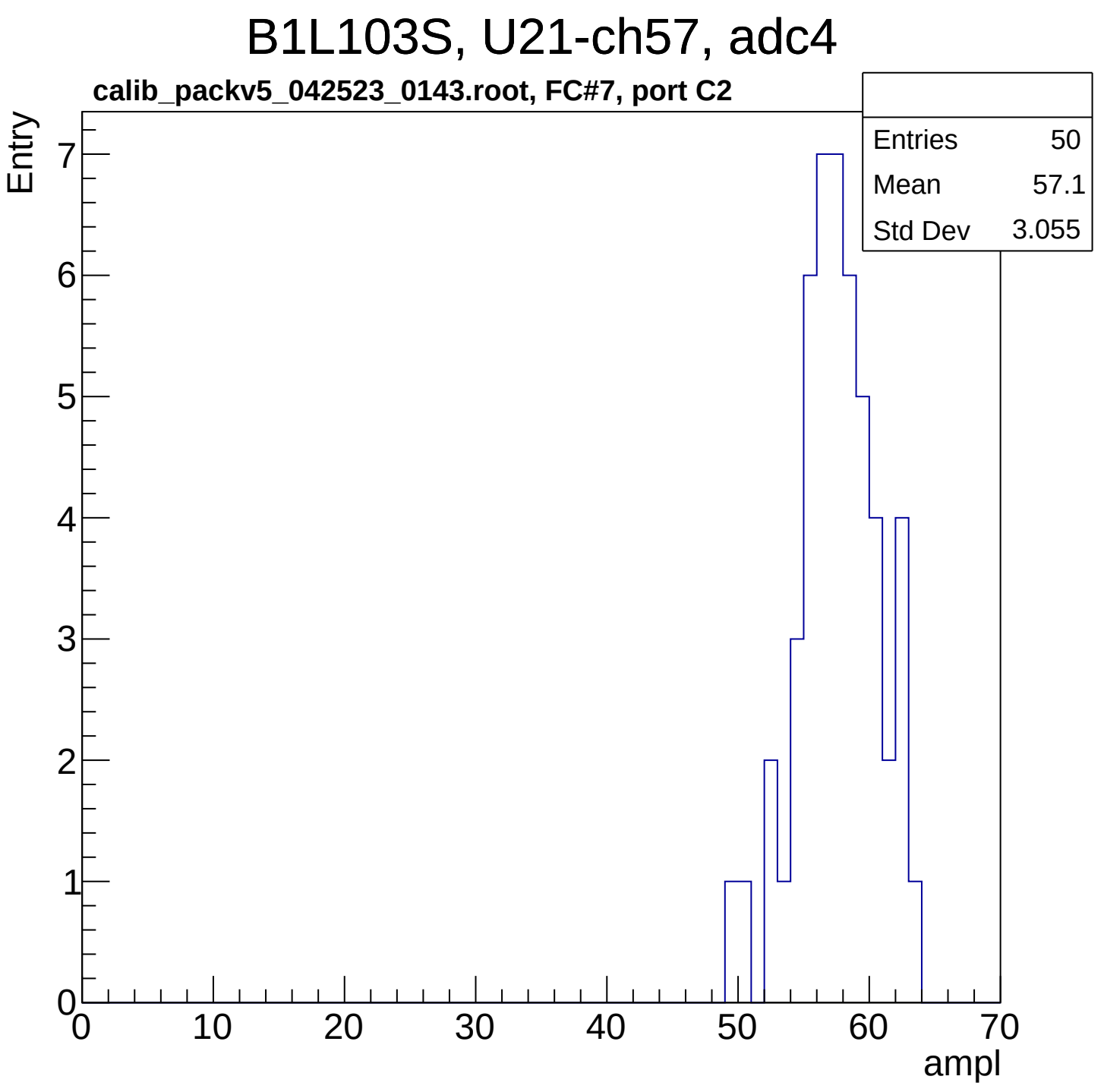
B1L103S, U21-ch57, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 50
Mean 57.1
Std Dev 3.055
Entry
ampl
0
1
2
3
4
5
6
7
0
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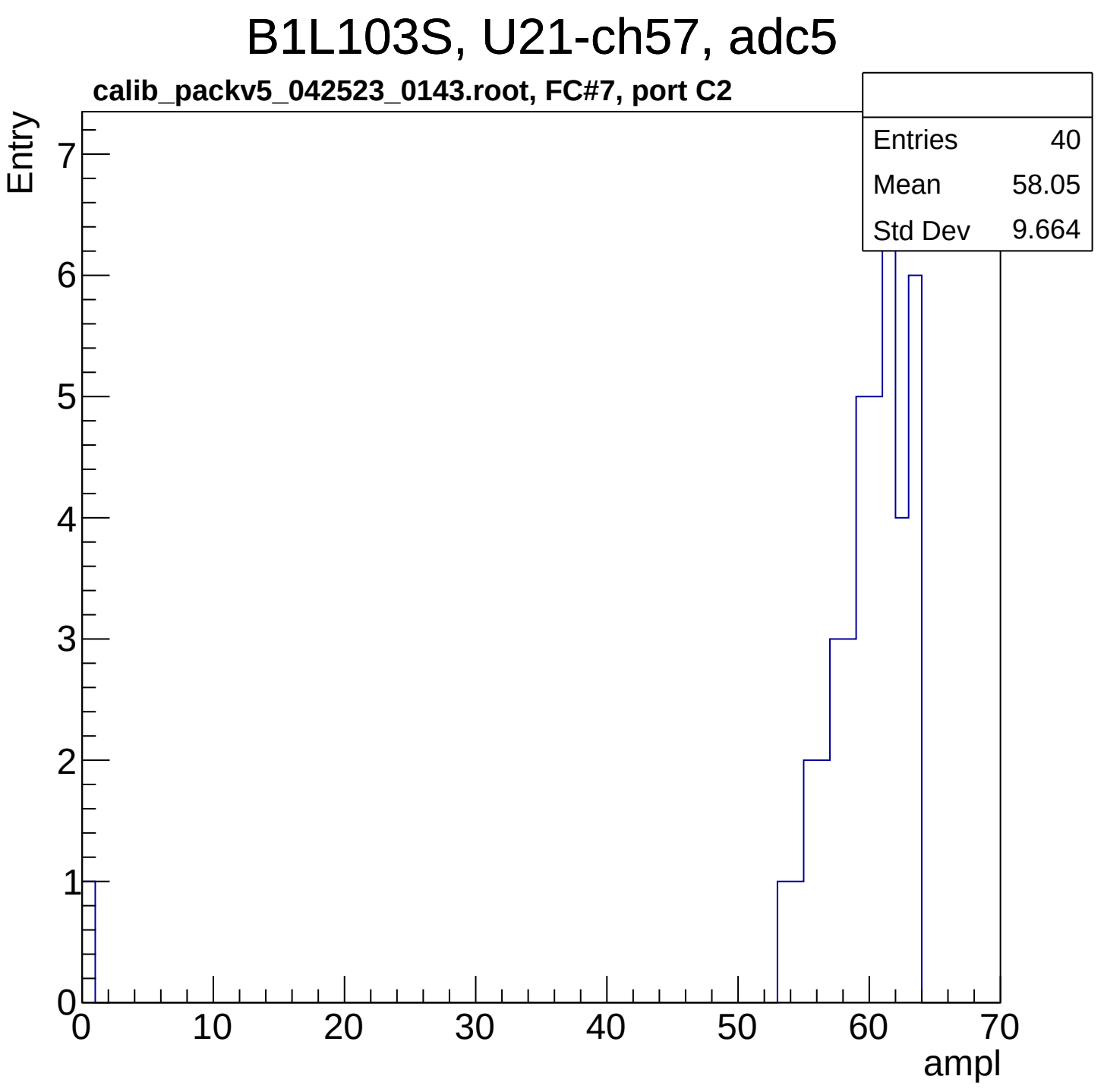
B1L103S, U21-ch57, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 40
Mean 58.05
Std Dev 9.664
Entry
ampl
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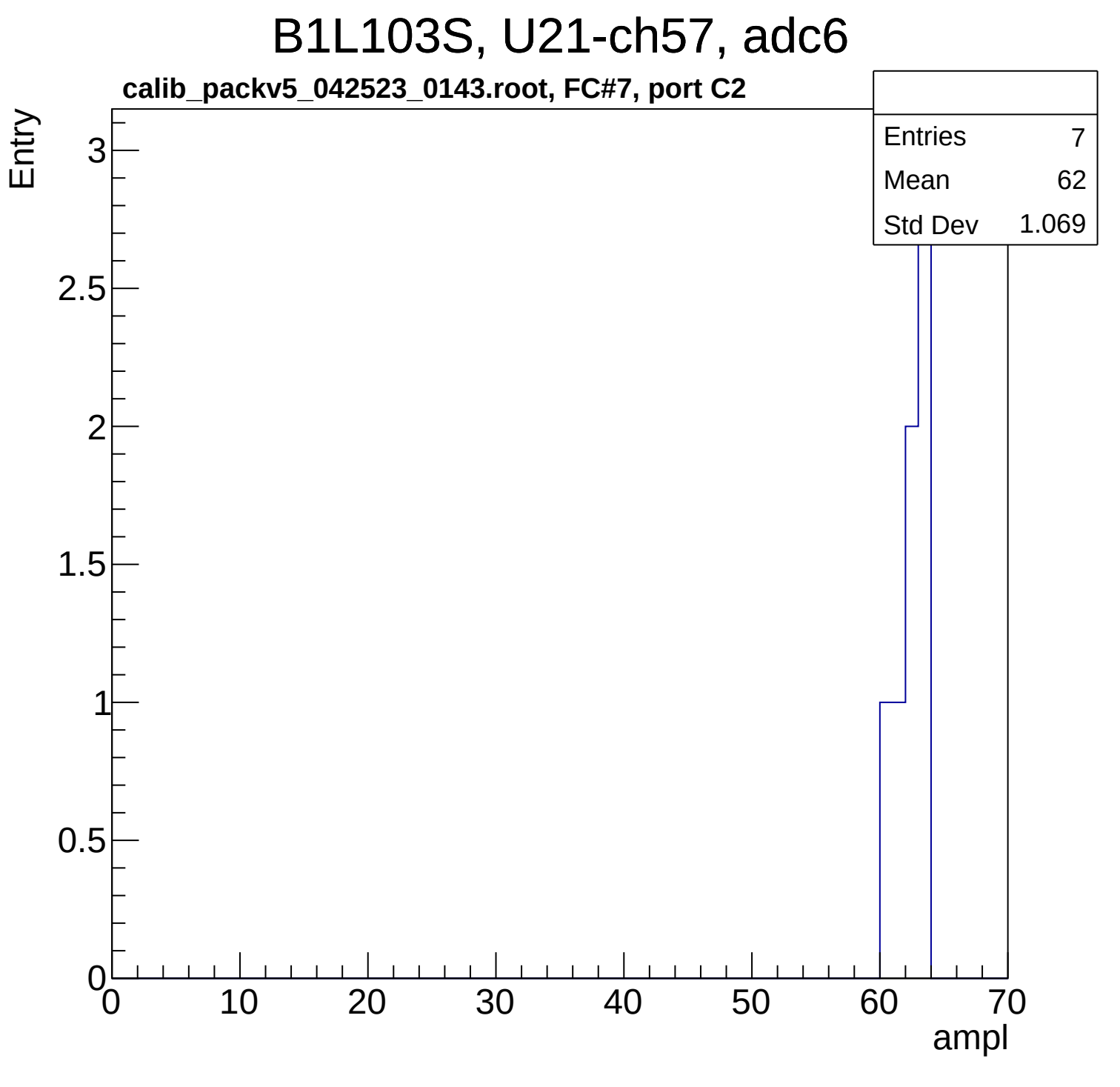
B1L103S, U21-ch57, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 7
Mean 62
Std Dev 1.069
Entry
ampl
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0.5
1
1.5
2
2.5
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0
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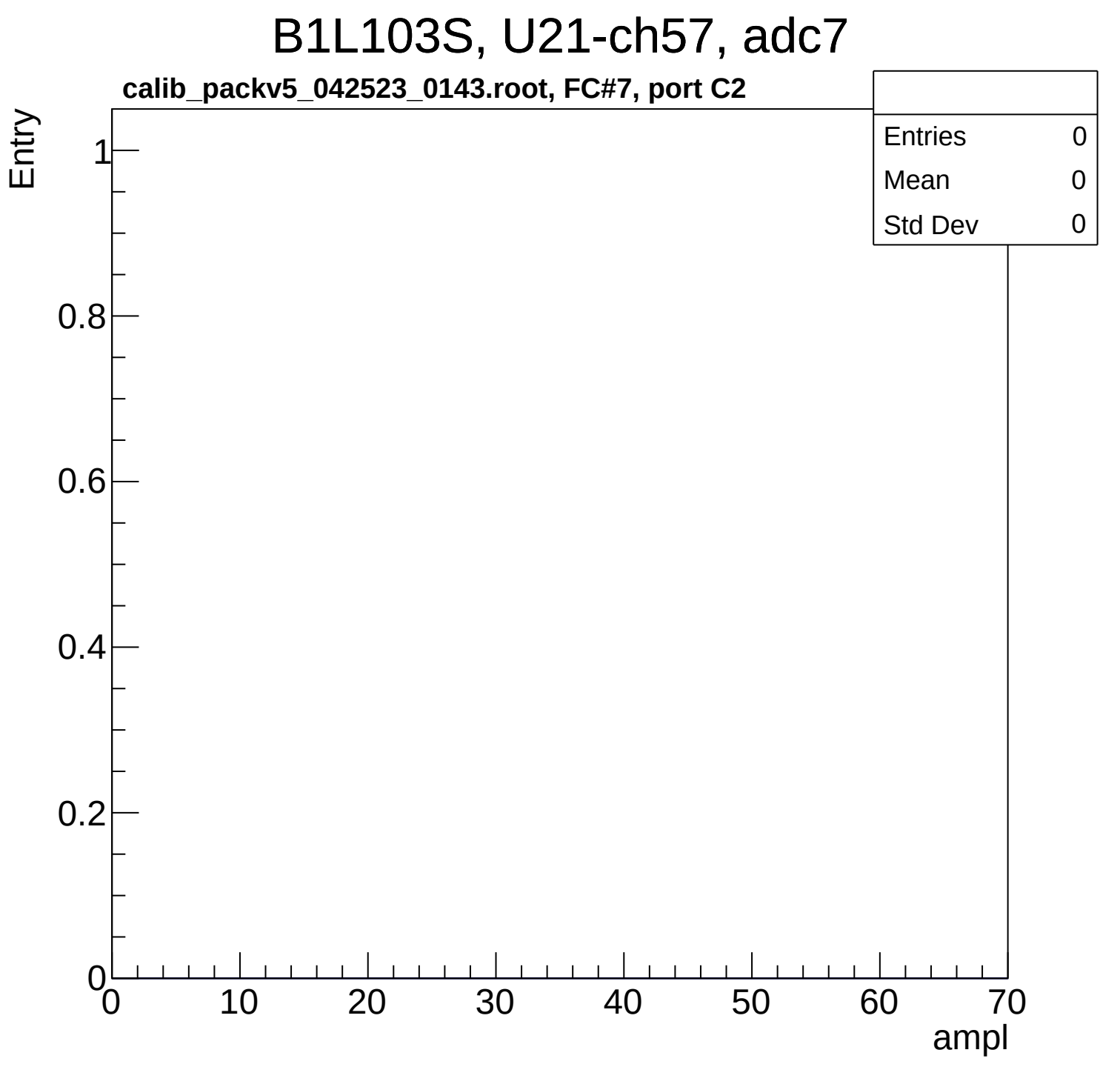
B1L103S, U21-ch57, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
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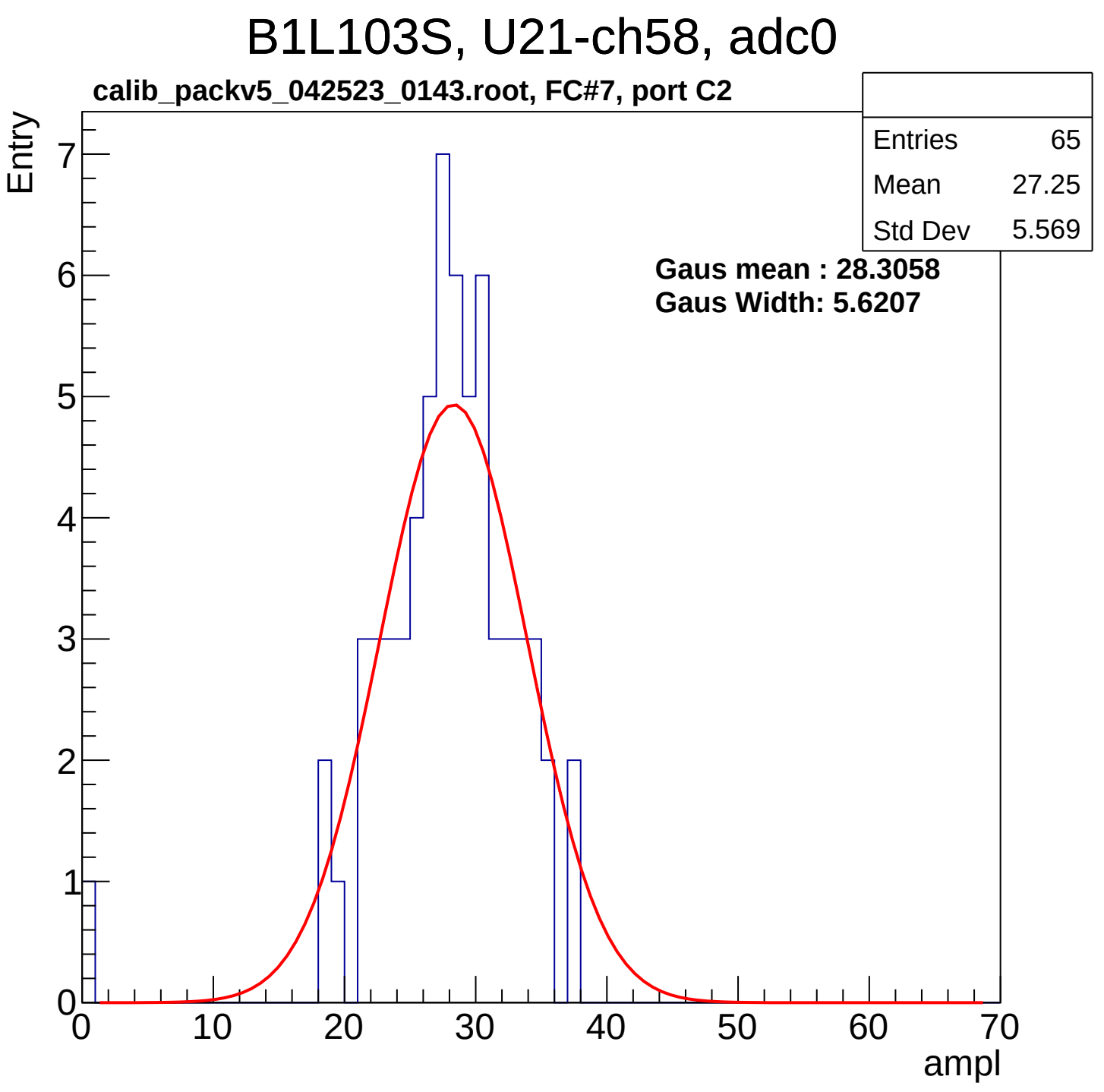
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch58, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 27.25
Std Dev 5.569
Gaus mean : 28.3058
Gaus Width: 5.6207
Entry
ampl
0
1
2
3
4
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6
7
0
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60
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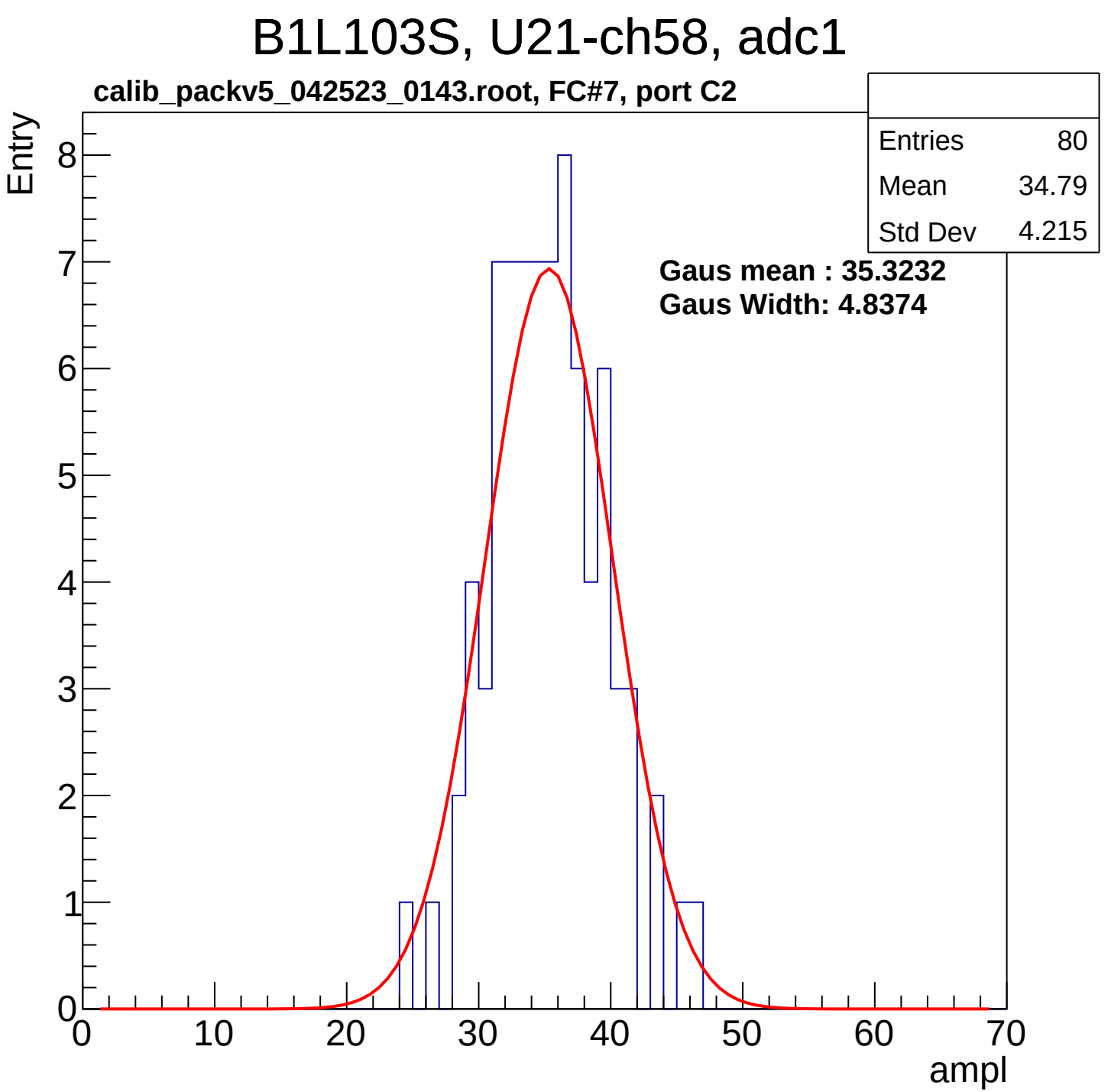
B1L103S, U21-ch58, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 80
Mean 34.79
Std Dev 4.215
Gaus mean : 35.3232
Gaus Width: 4.8374
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
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60
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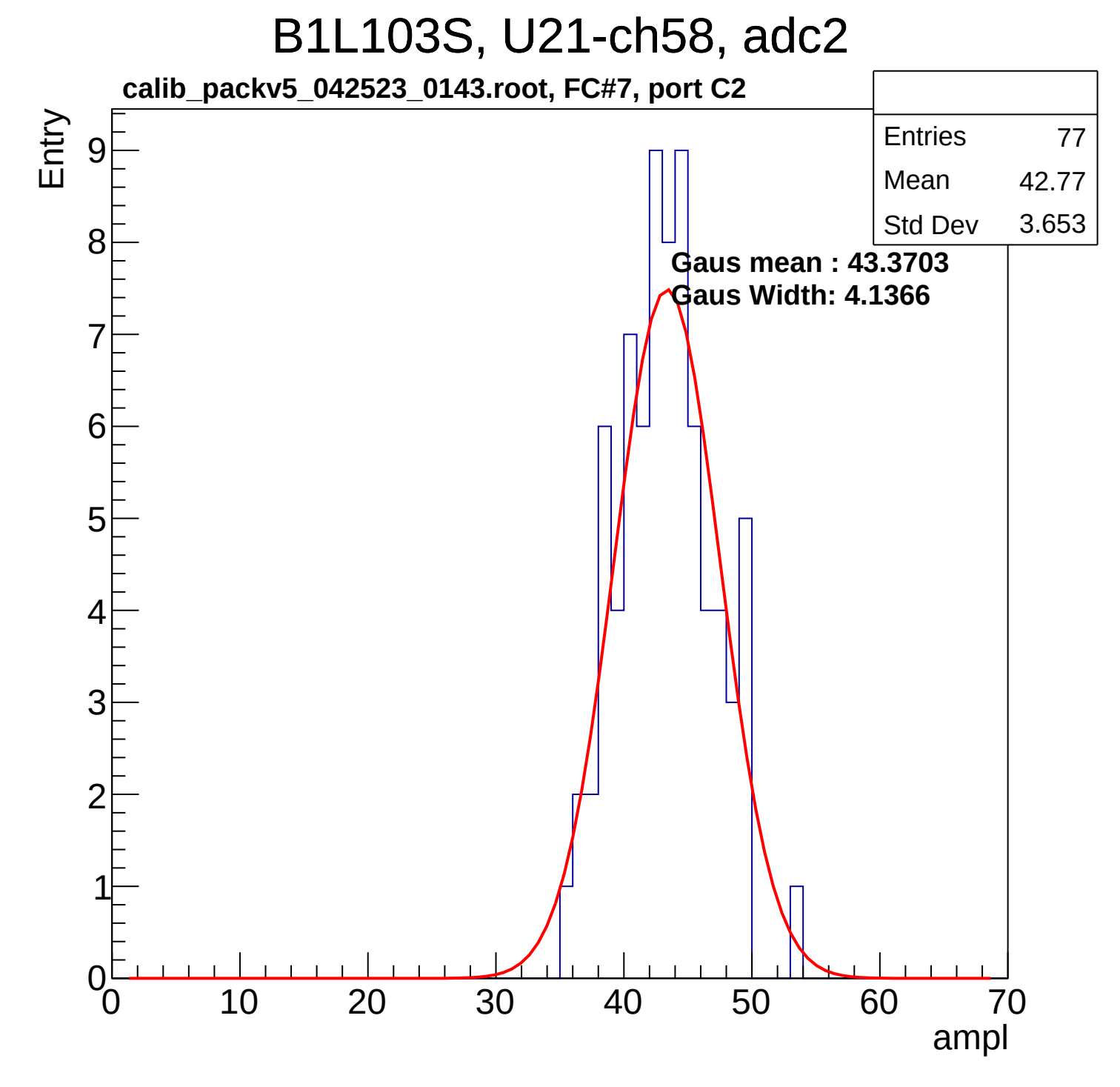
B1L103S, U21-ch58, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 77
Mean 42.77
Std Dev 3.653
Gaus mean : 43.3703
Gaus Width: 4.1366
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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60
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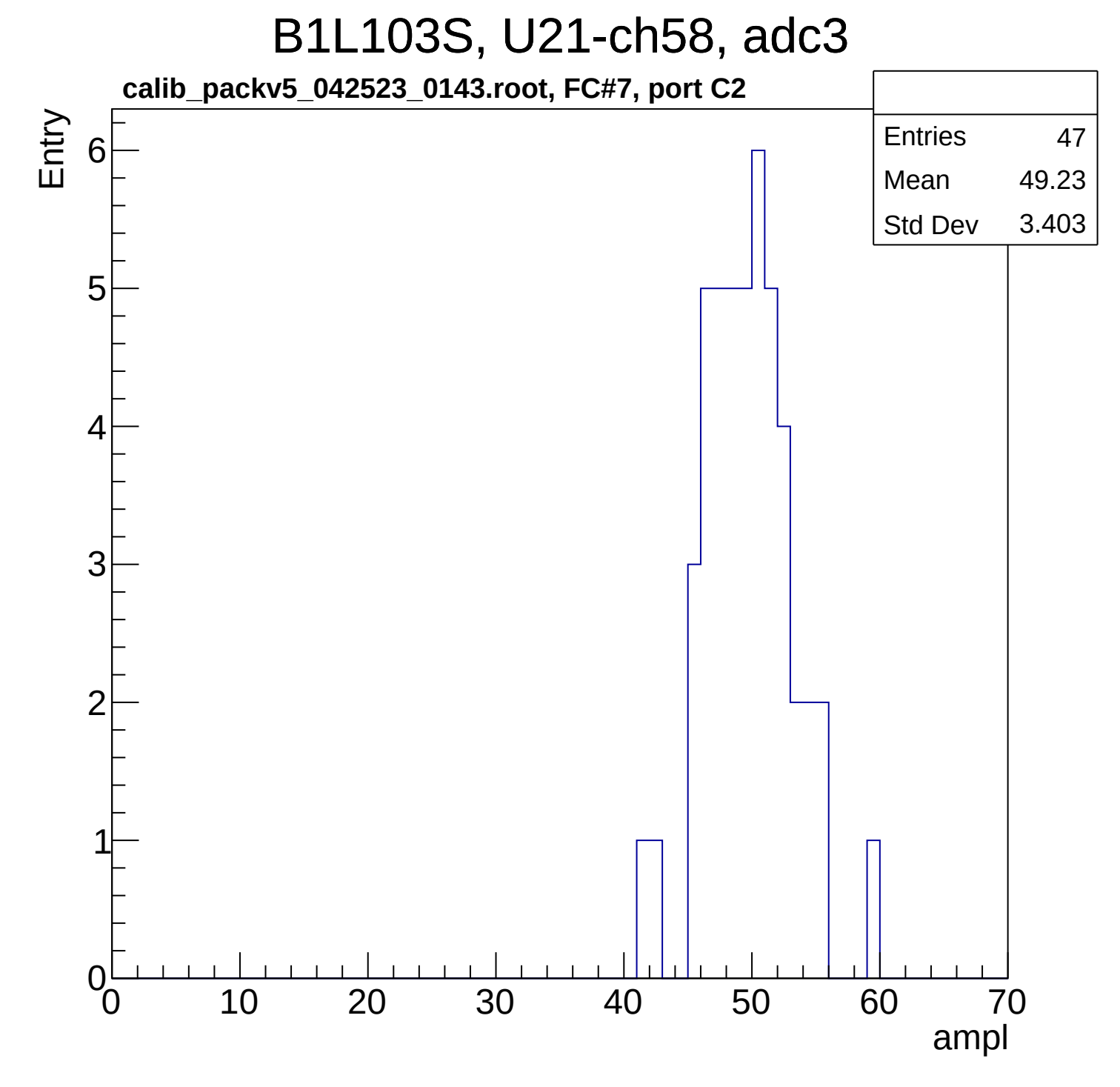
B1L103S, U21-ch58, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 47
Mean 49.23
Std Dev 3.403
Entry
ampl
0
1
2
3
4
5
6
0
10
20
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40
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60
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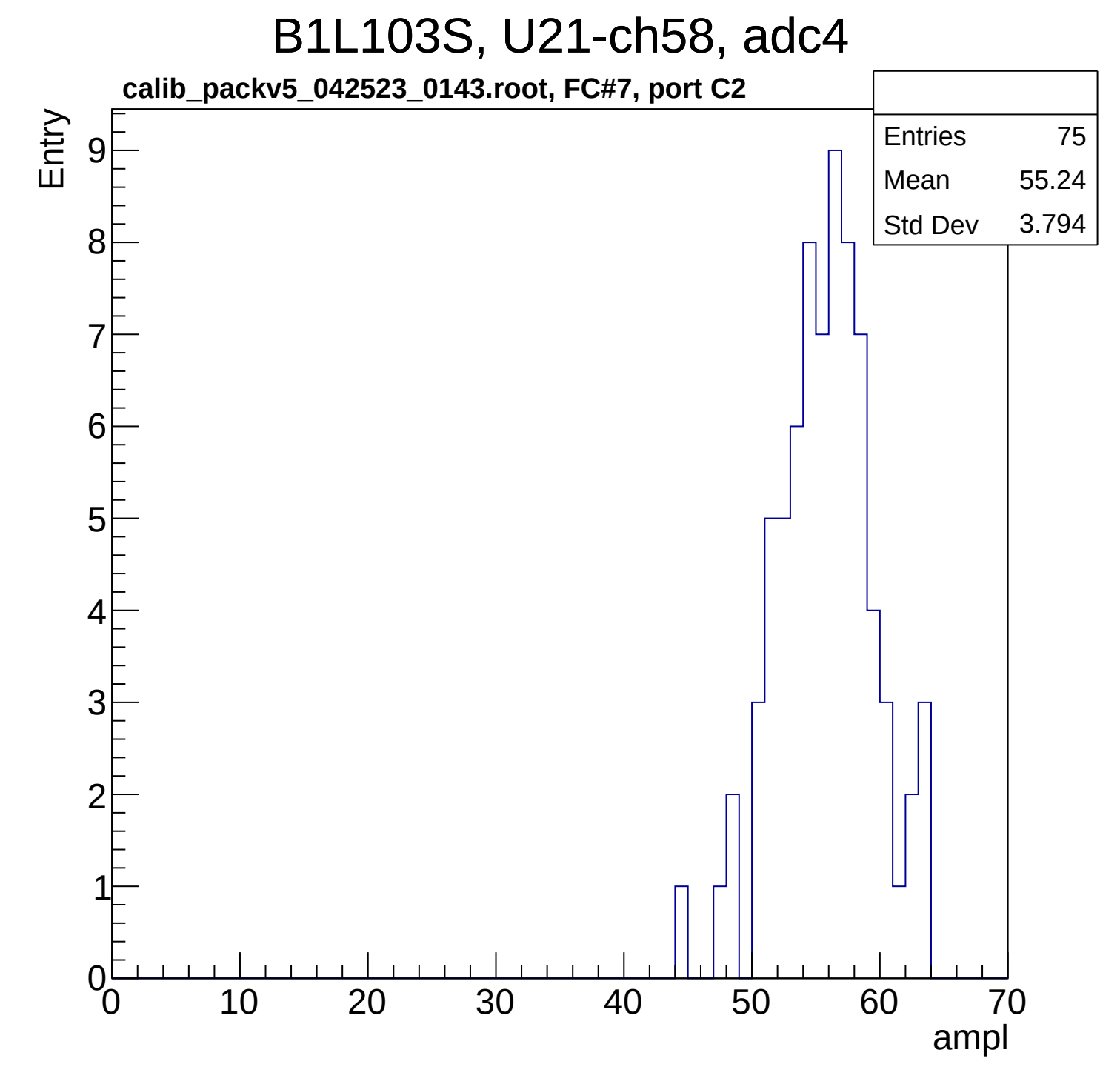
B1L103S, U21-ch58, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 75
Mean 55.24
Std Dev 3.794
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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60
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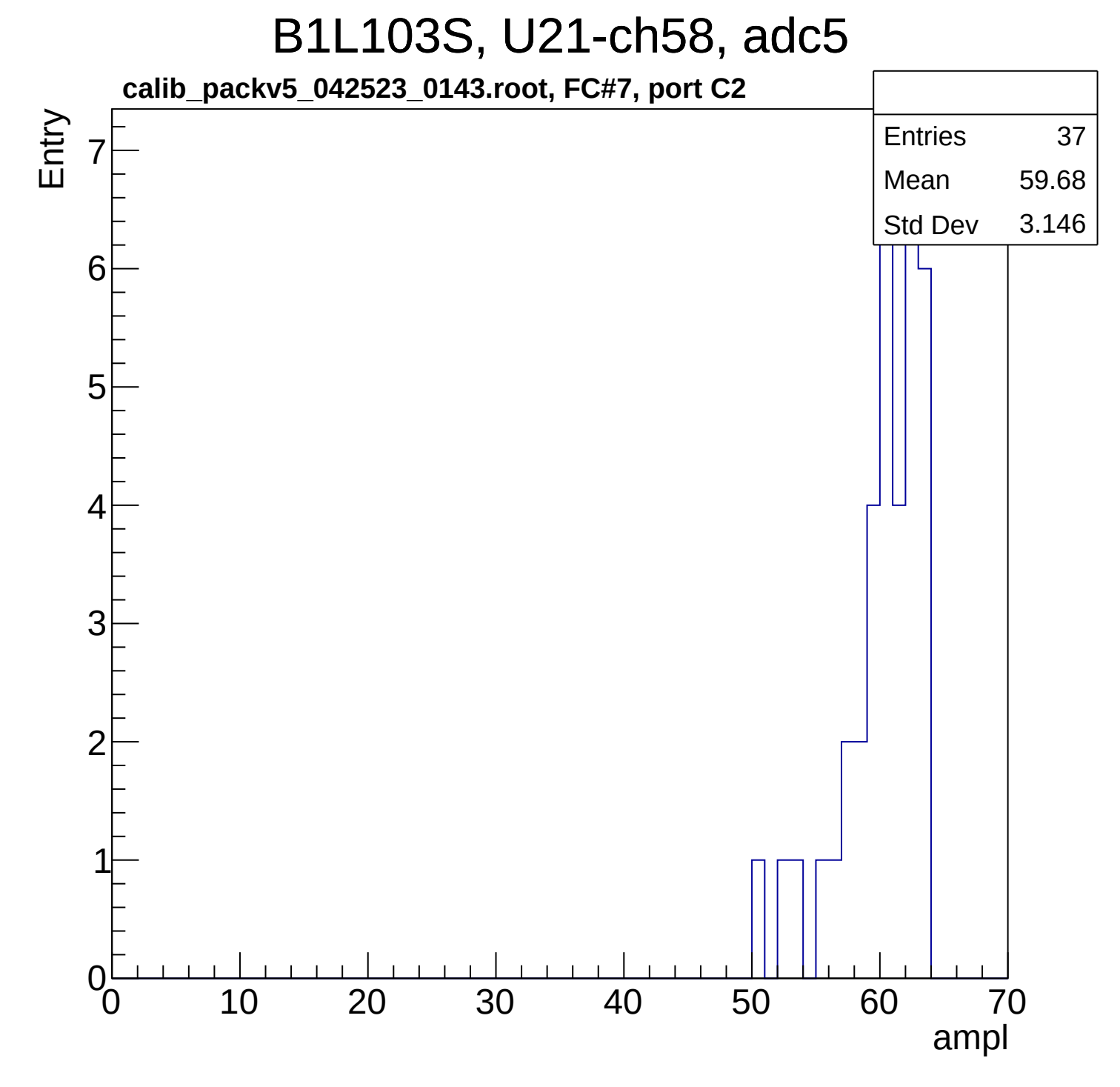
B1L103S, U21-ch58, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 37
Mean 59.68
Std Dev 3.146
Entry
ampl
0
1
2
3
4
5
6
7
0
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60
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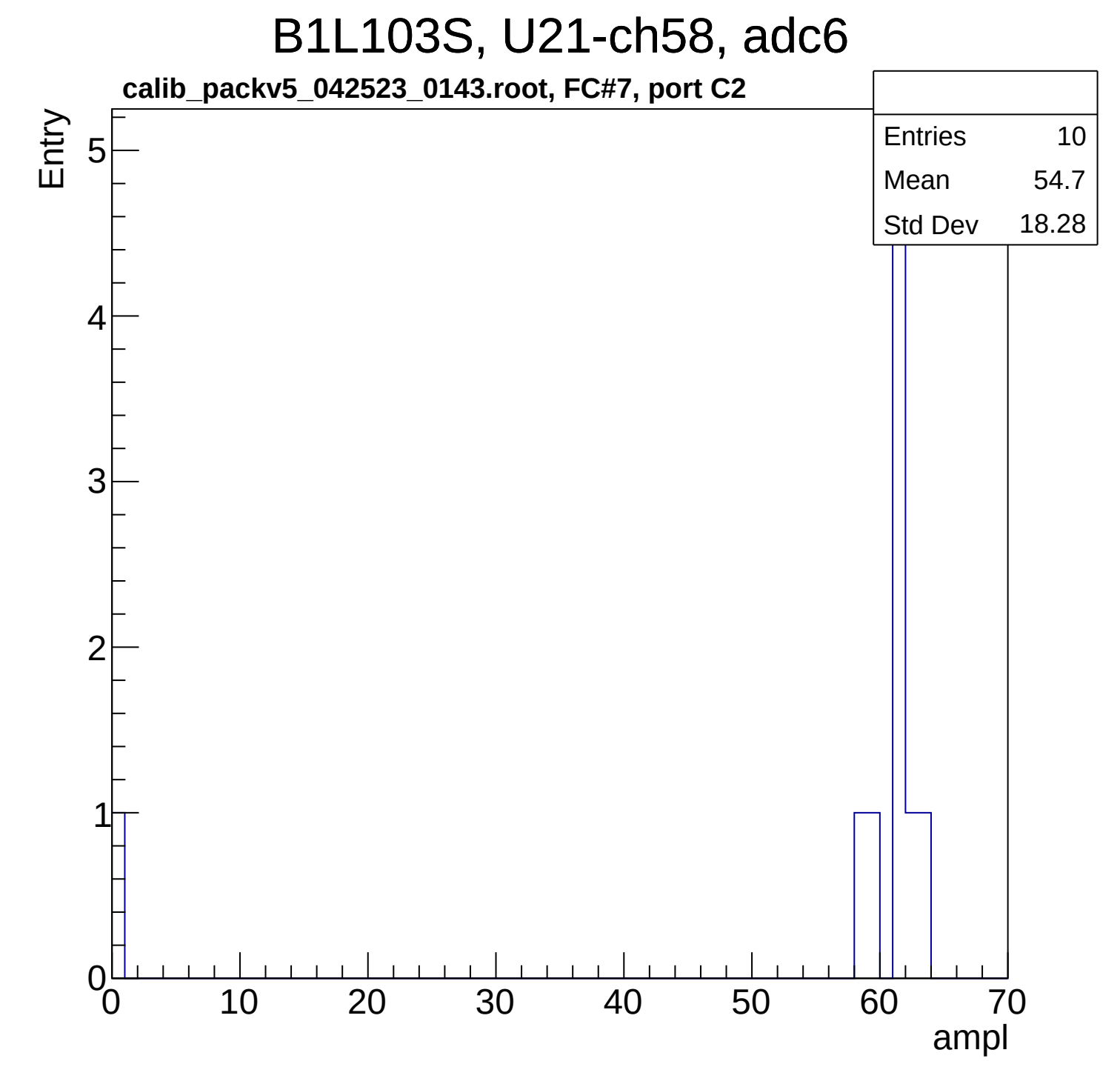
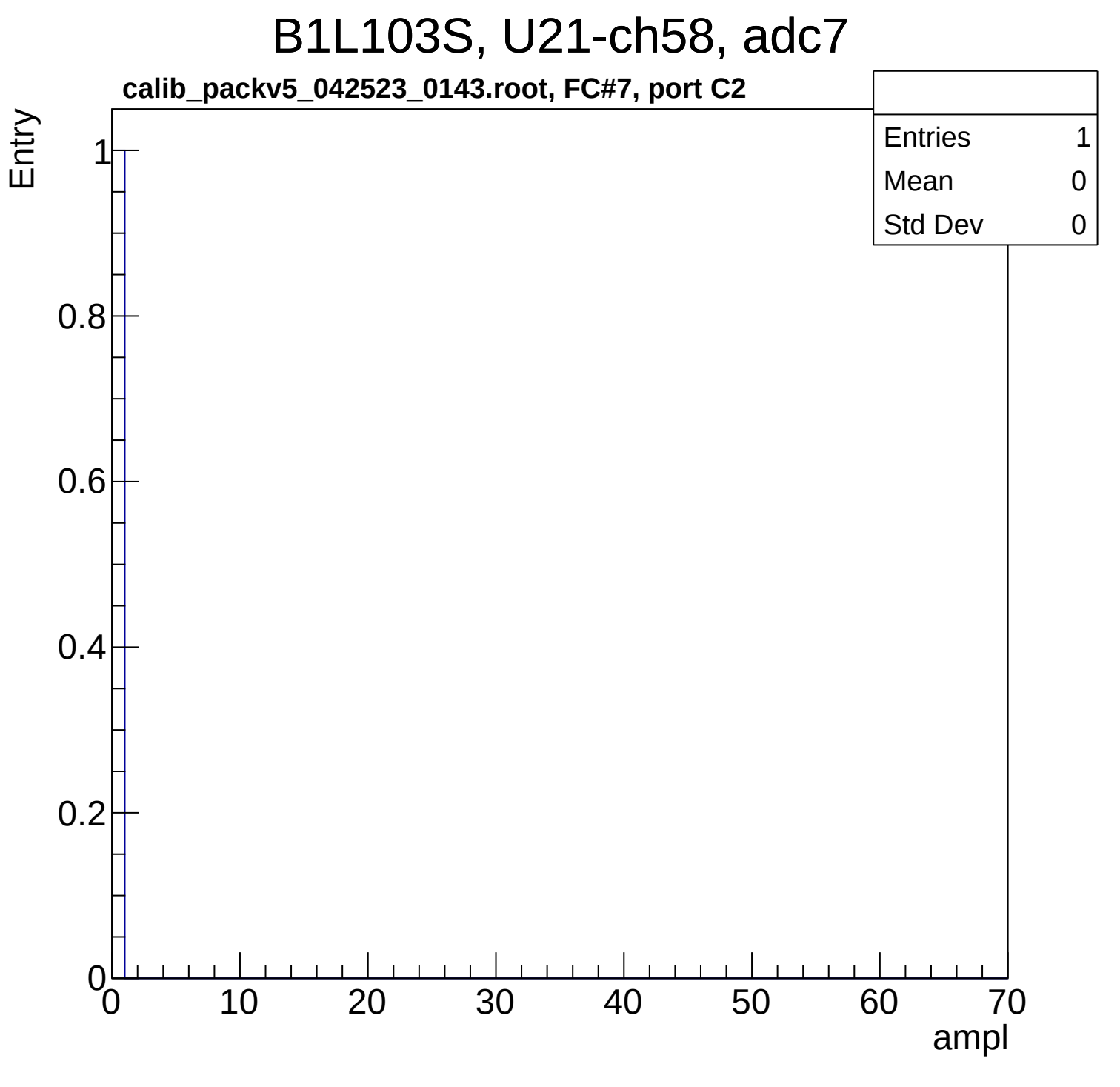

B1L103S, U21-ch58, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 10
Mean 54.7
Std Dev 18.28
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch58, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
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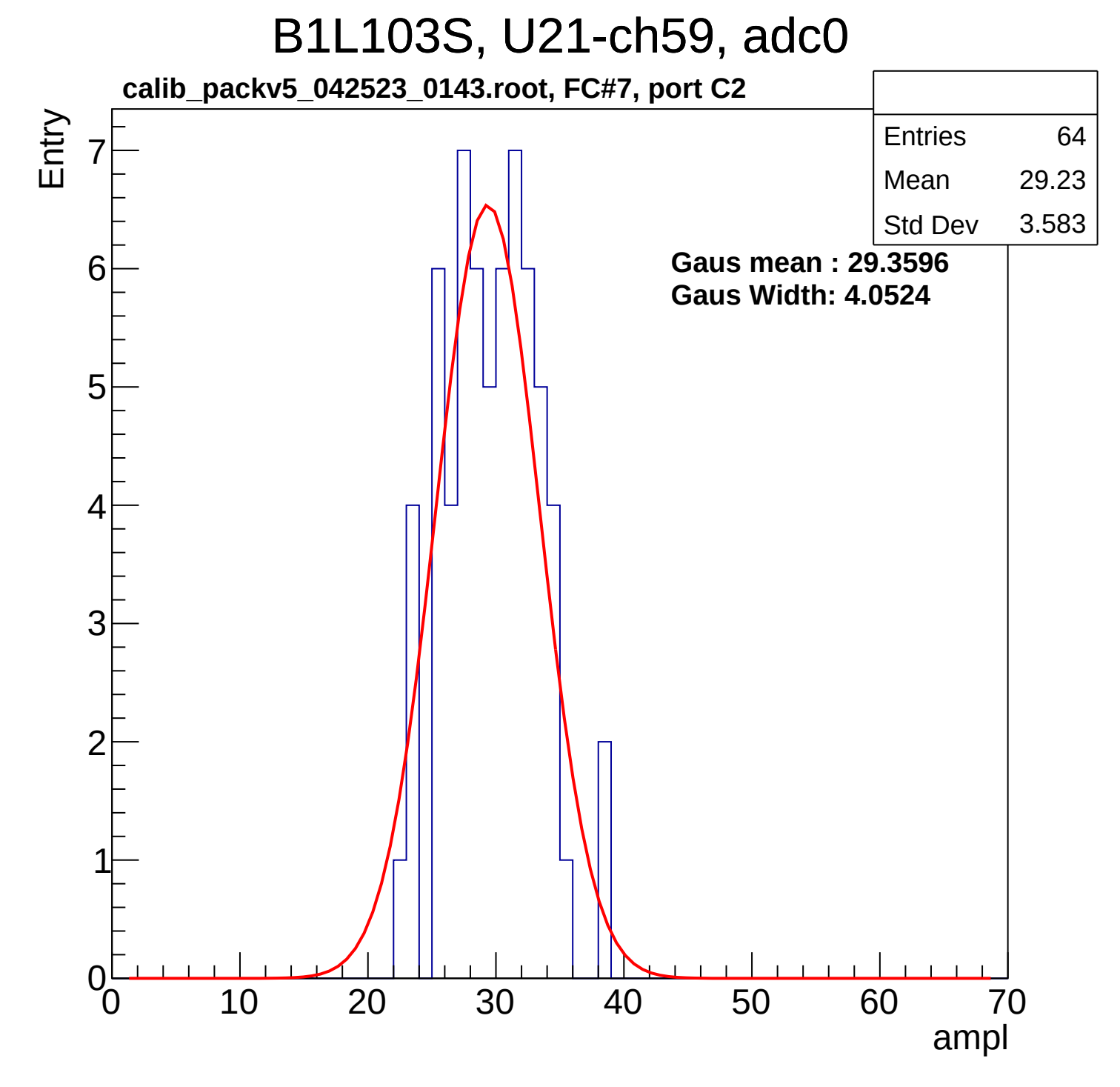
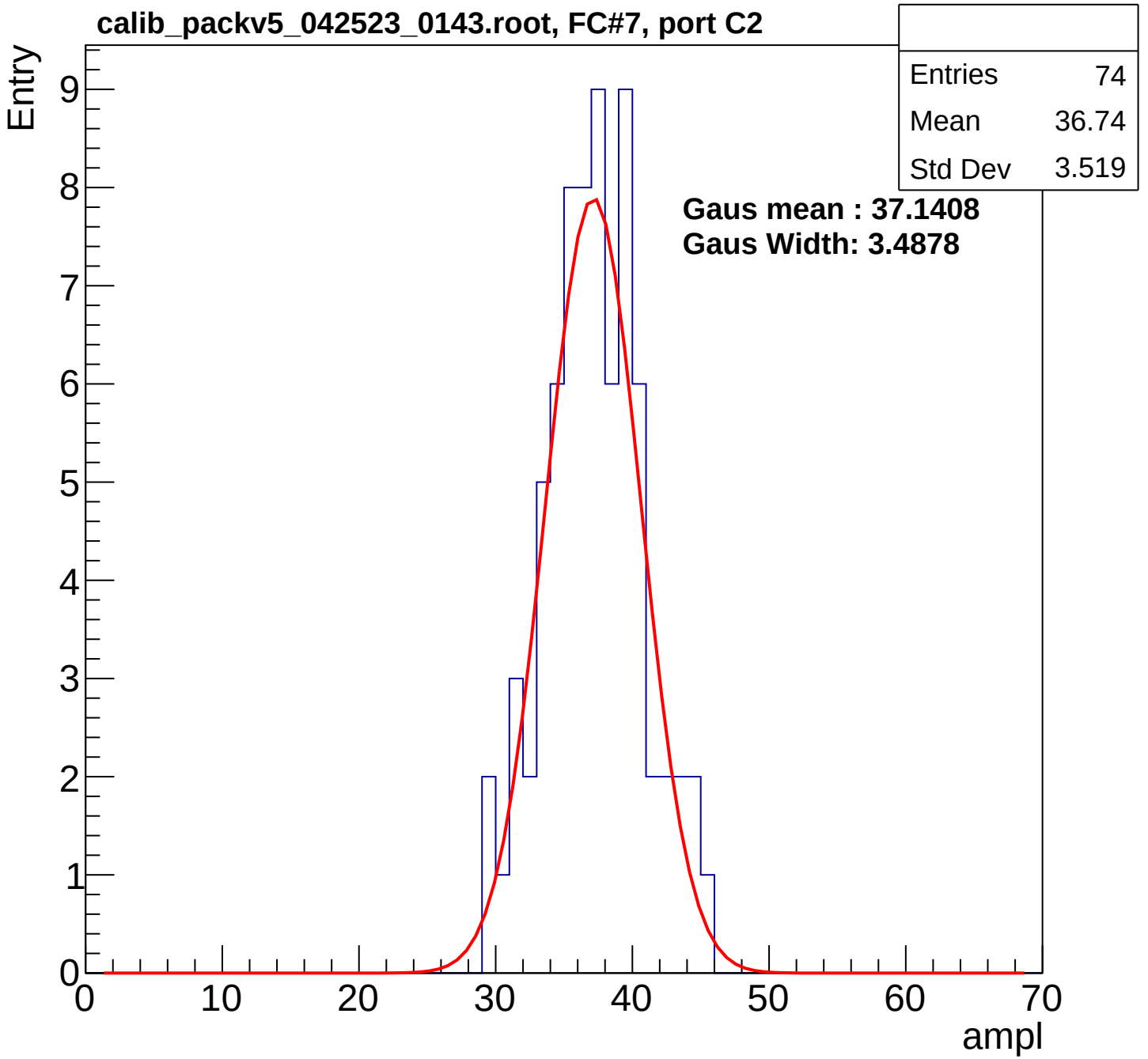
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch59, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 29.23
Std Dev 3.583
Gaus mean : 29.3596
Gaus Width: 4.0524
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch59, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 36.74
Std Dev 3.519
Gaus mean : 37.1408
Gaus Width: 3.4878
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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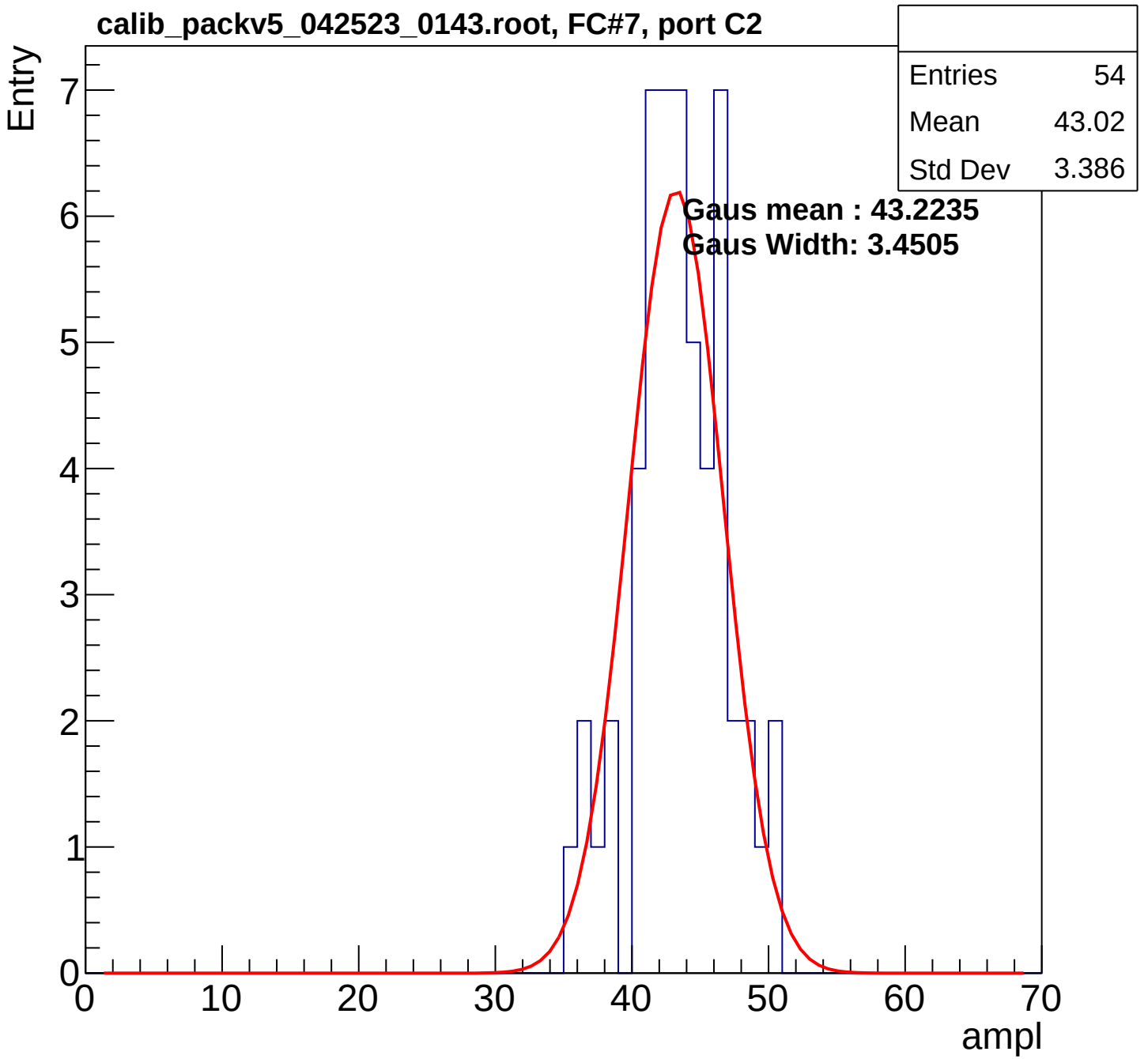
B1L103S, U21-ch59, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 43.02
Std Dev 3.386
Gaus mean : 43.2235
Gaus Width: 3.4505
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
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60
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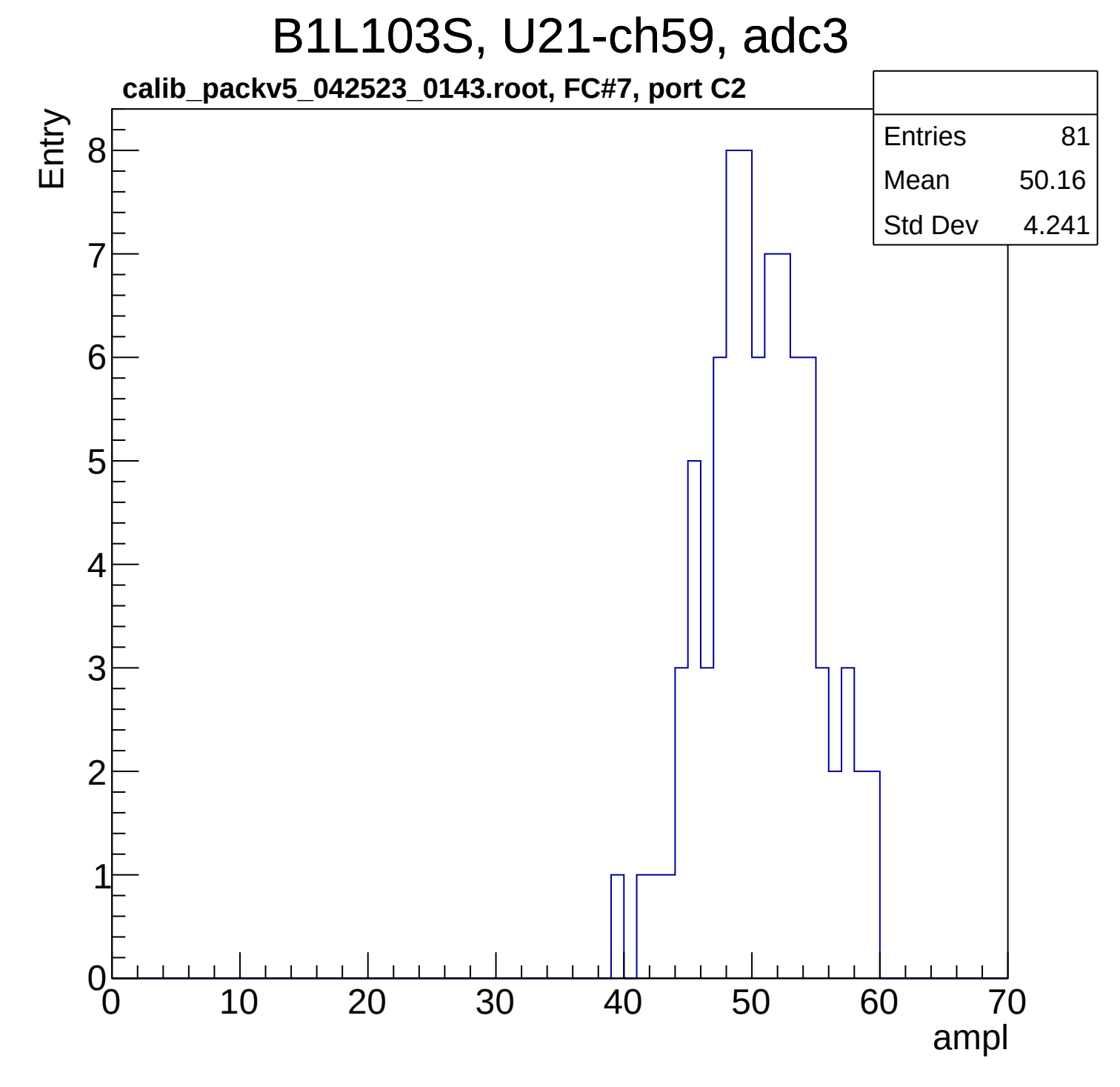
B1L103S, U21-ch59, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 81
Mean 50.16
Std Dev 4.241
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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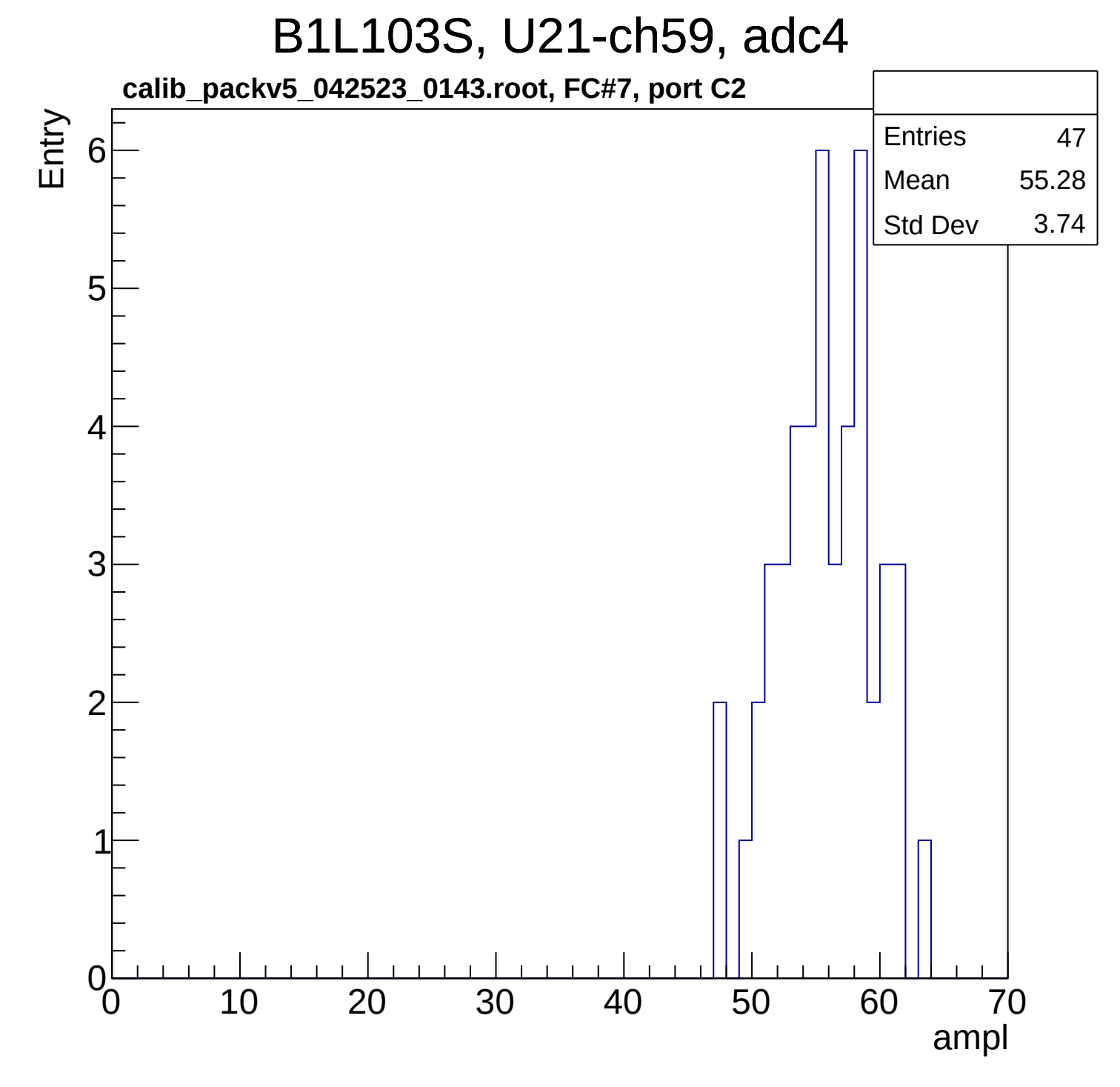
B1L103S, U21-ch59, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 47
Mean 55.28
Std Dev 3.74
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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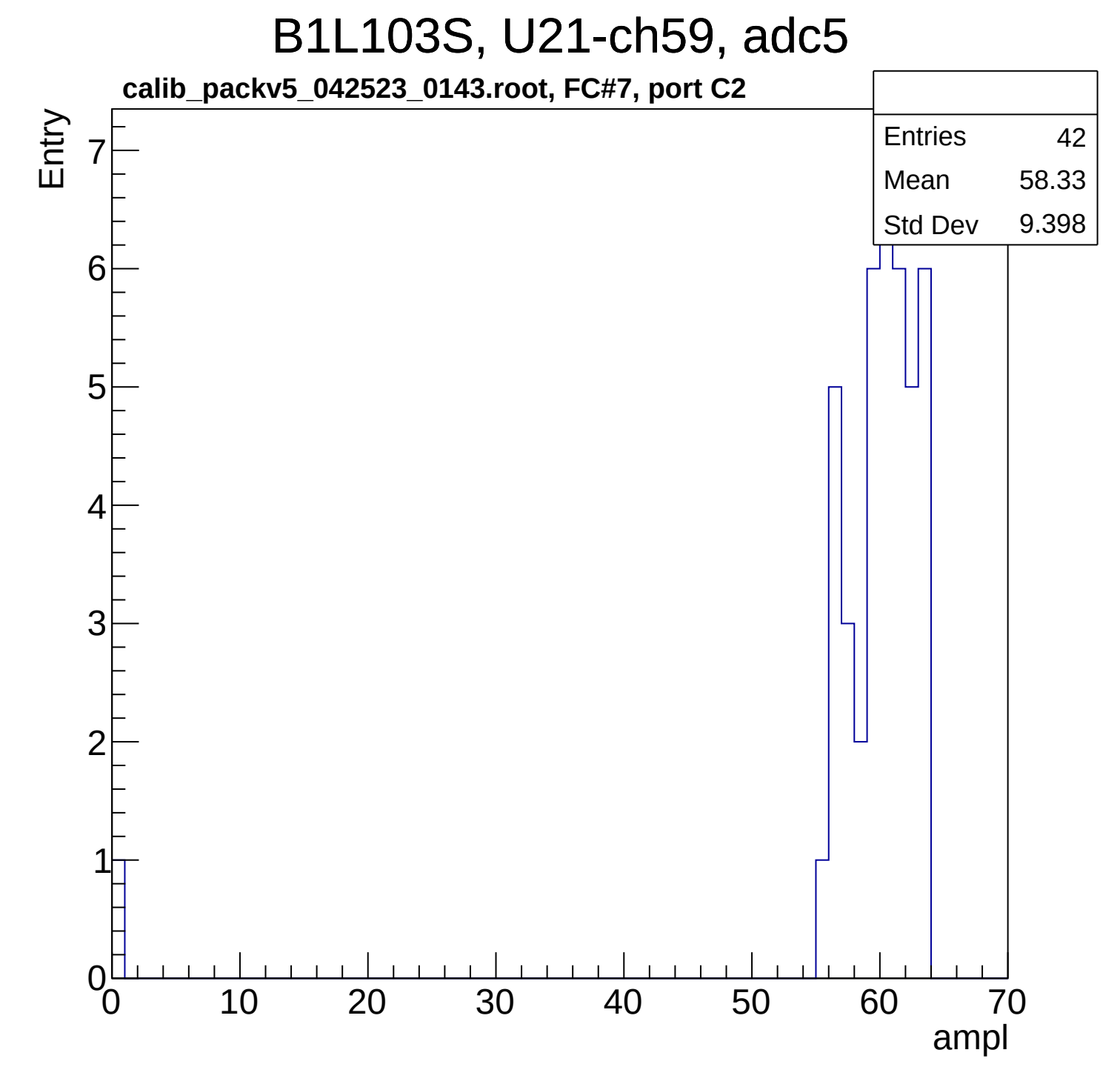
B1L103S, U21-ch59, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 42
Mean 58.33
Std Dev 9.398
Entry
ampl
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1
2
3
4
5
6
7
0
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20
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60
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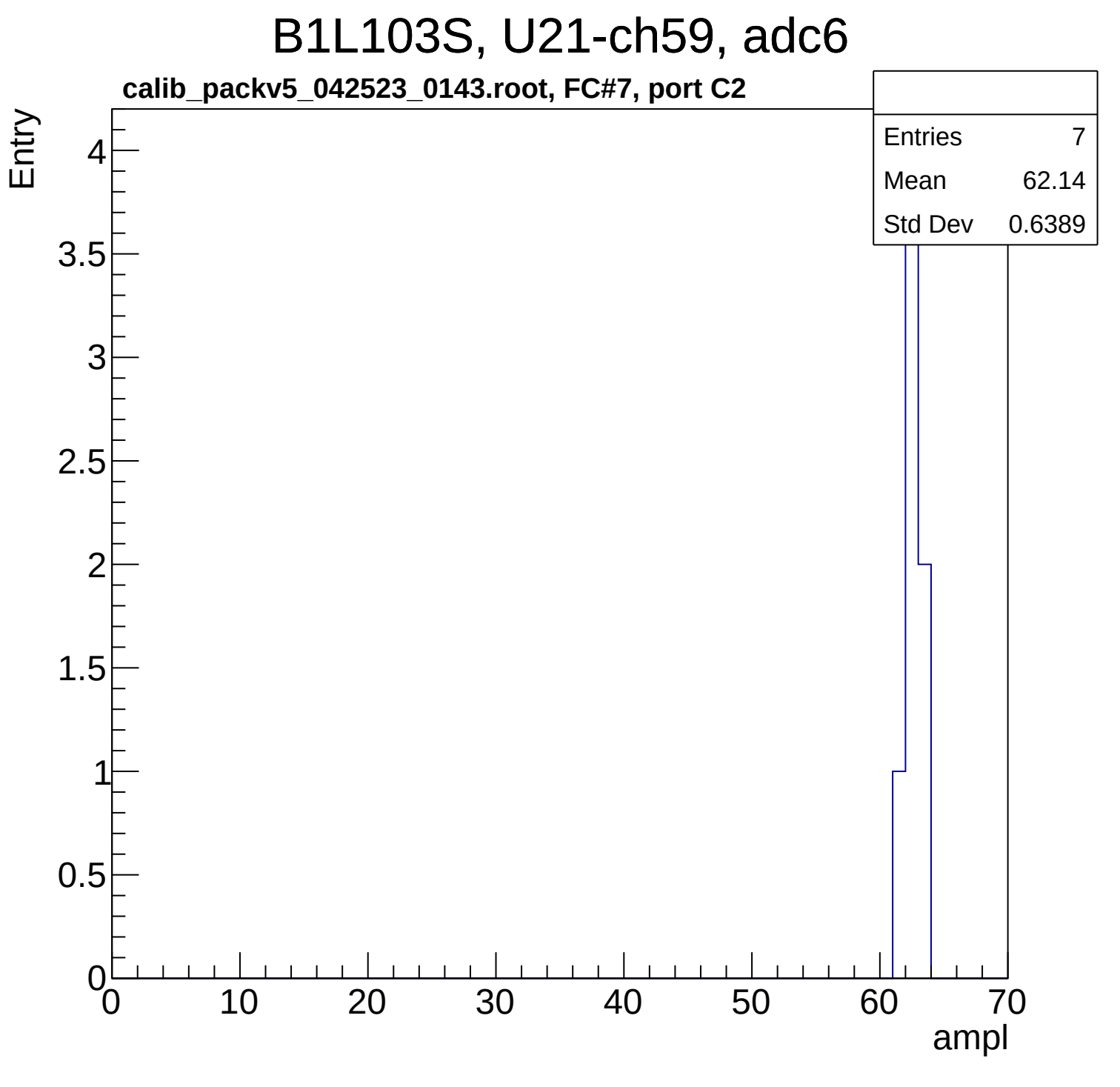
B1L103S, U21-ch59, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 7
Mean 62.14
Std Dev 0.6389
Entry
ampl
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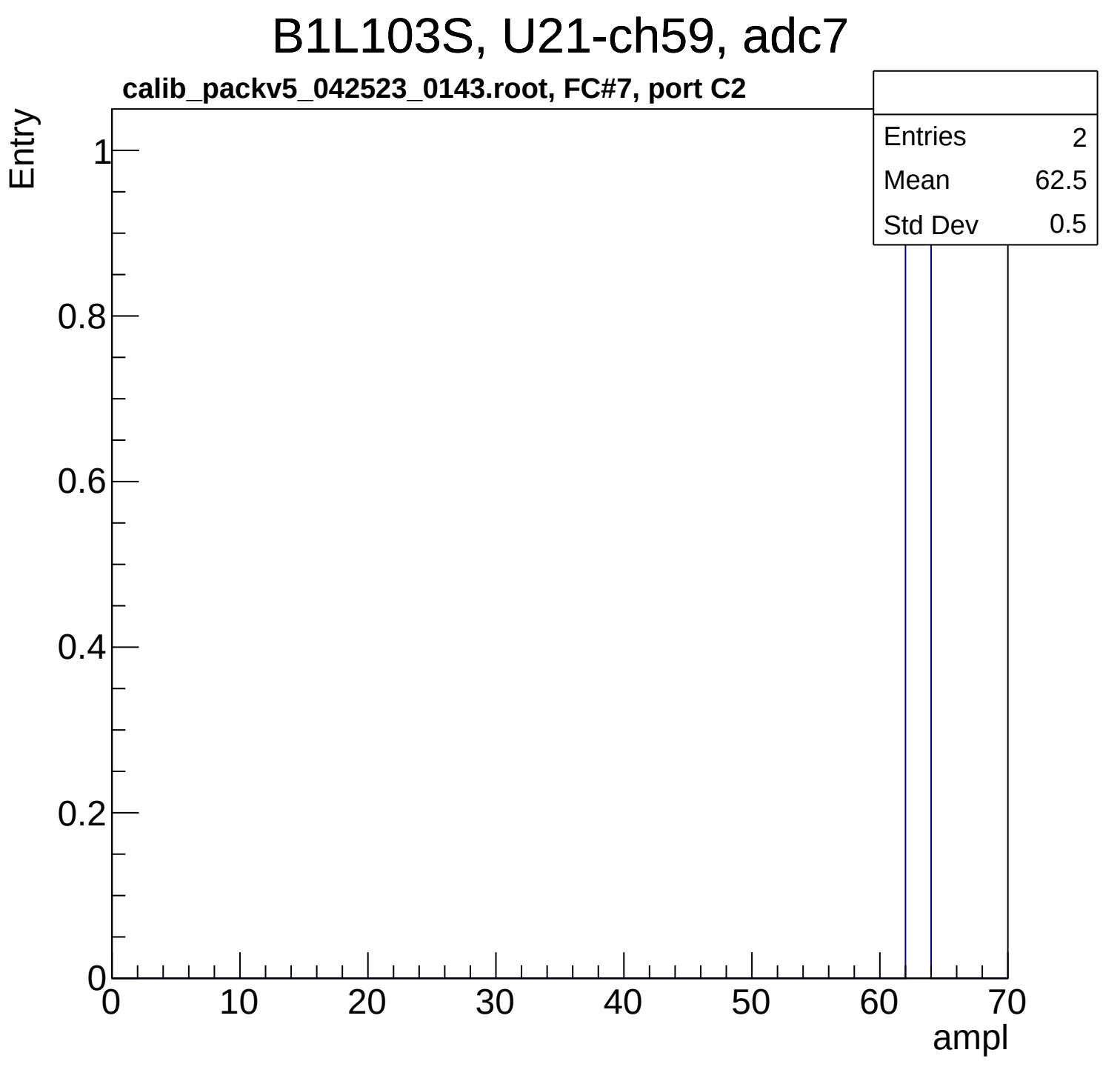
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L103S, U21-ch59, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
1
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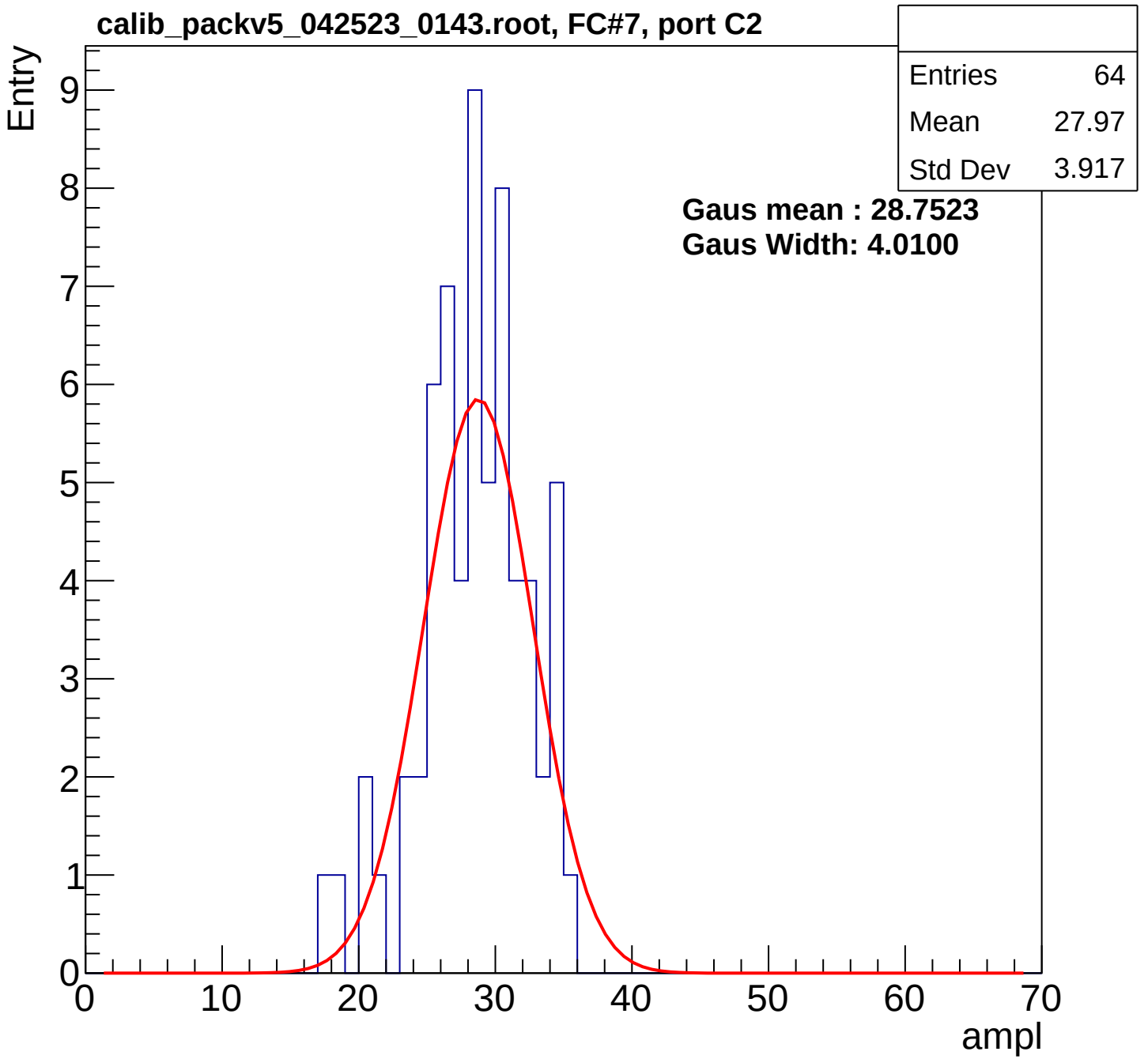
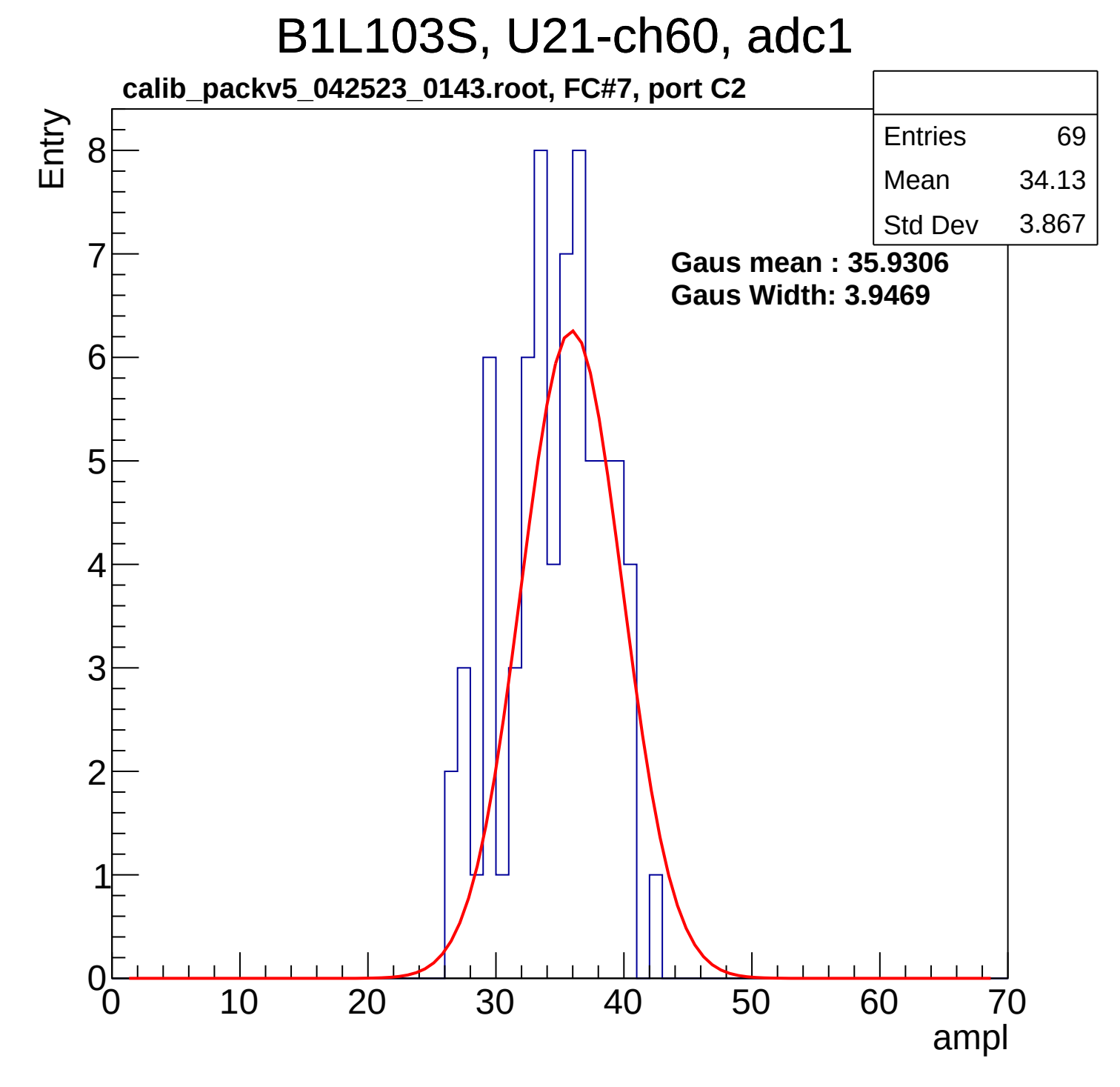
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch60, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 27.97
Std Dev 3.917
Gaus mean : 28.7523
Gaus Width: 4.0100
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch60, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 34.13
Std Dev 3.867
Gaus mean : 35.9306
Gaus Width: 3.9469
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
30
40
50
60
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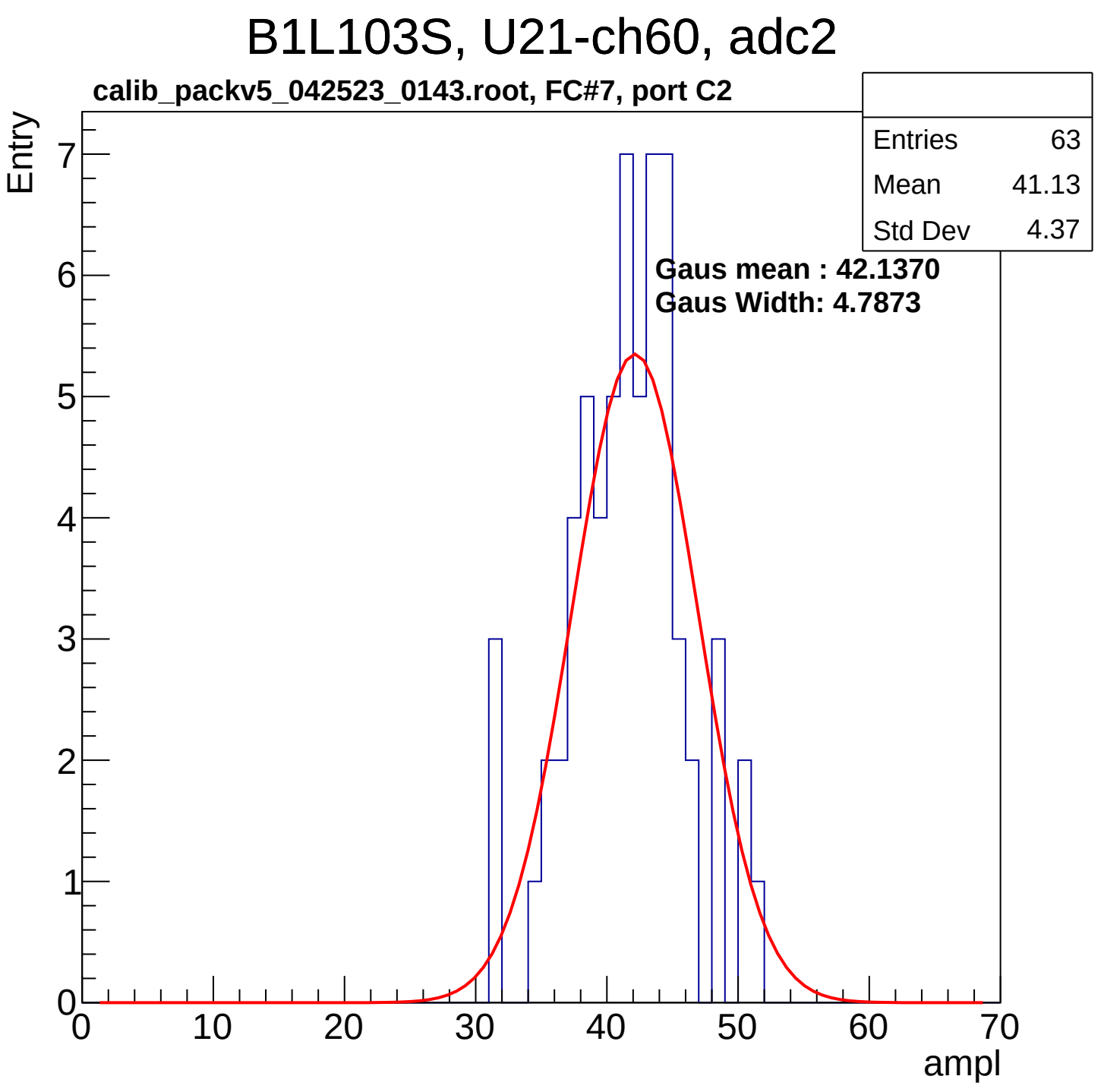
B1L103S, U21-ch60, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 41.13
Std Dev 4.37
Gaus mean : 42.1370
Gaus Width: 4.7873
Entry
ampl
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1
2
3
4
5
6
7
0
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20
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40
50
60
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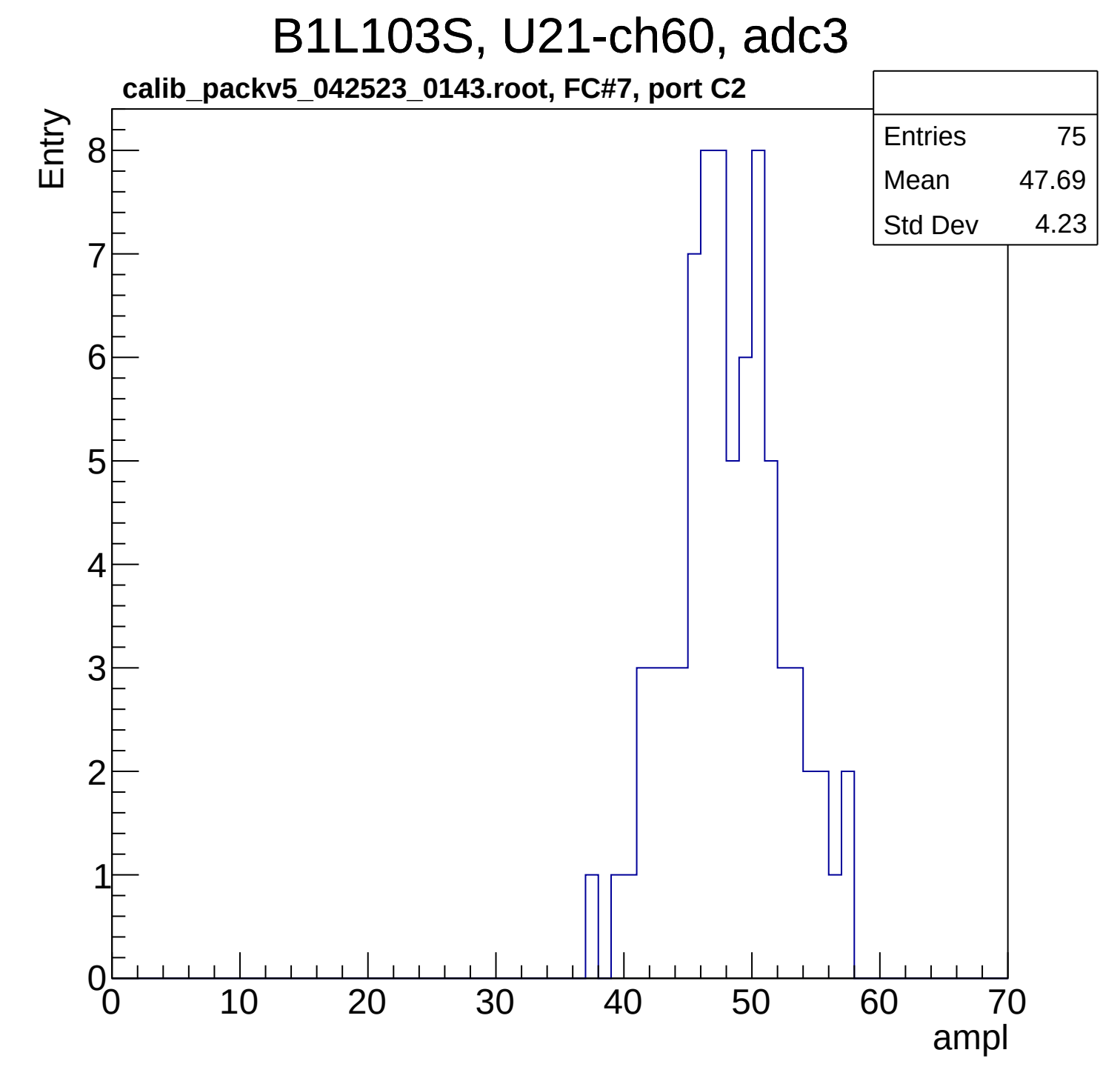
B1L103S, U21-ch60, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 75
Mean 47.69
Std Dev 4.23
Entry
ampl
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2
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4
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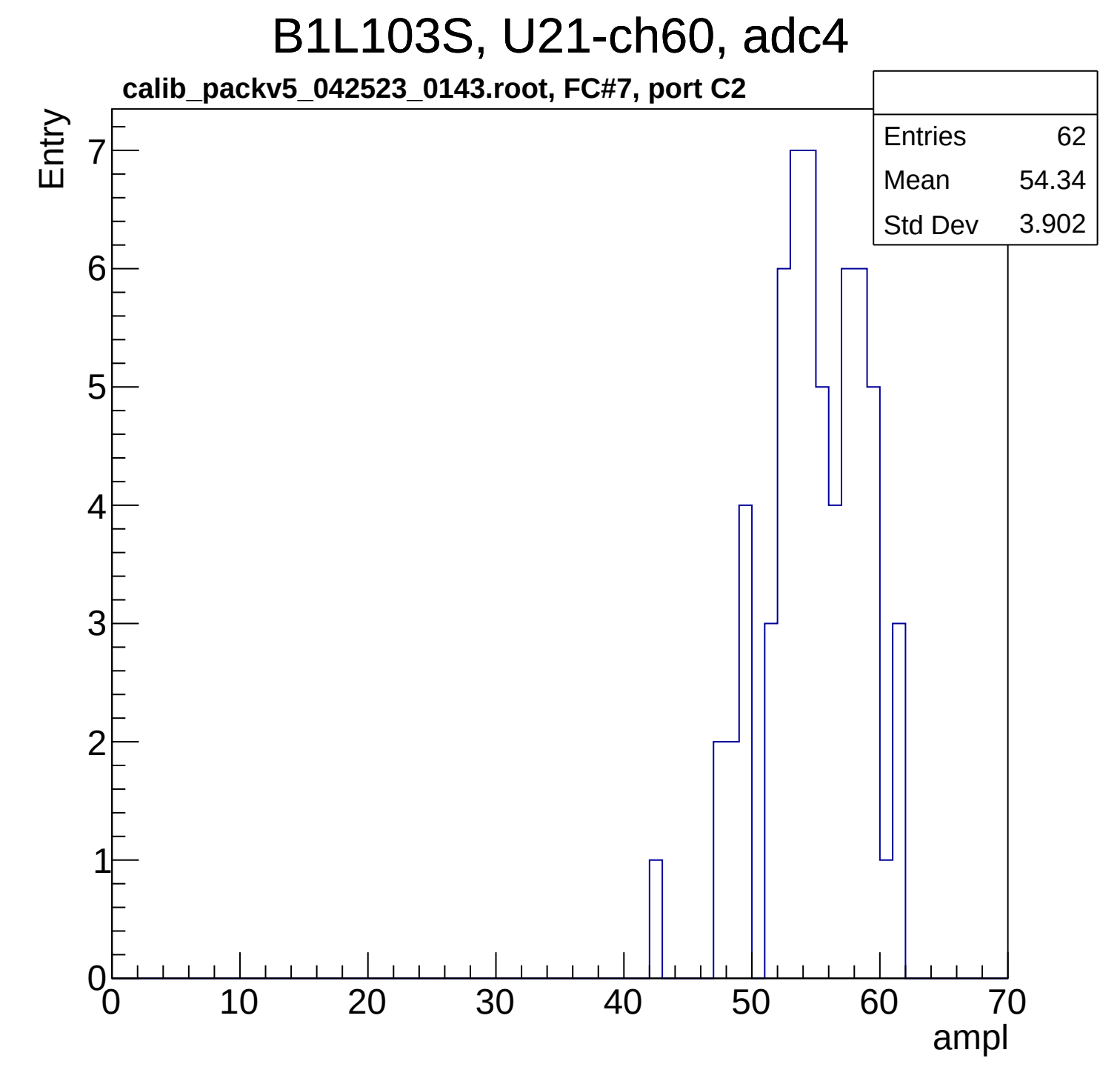
B1L103S, U21-ch60, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 54.34
Std Dev 3.902
Entry
ampl
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60
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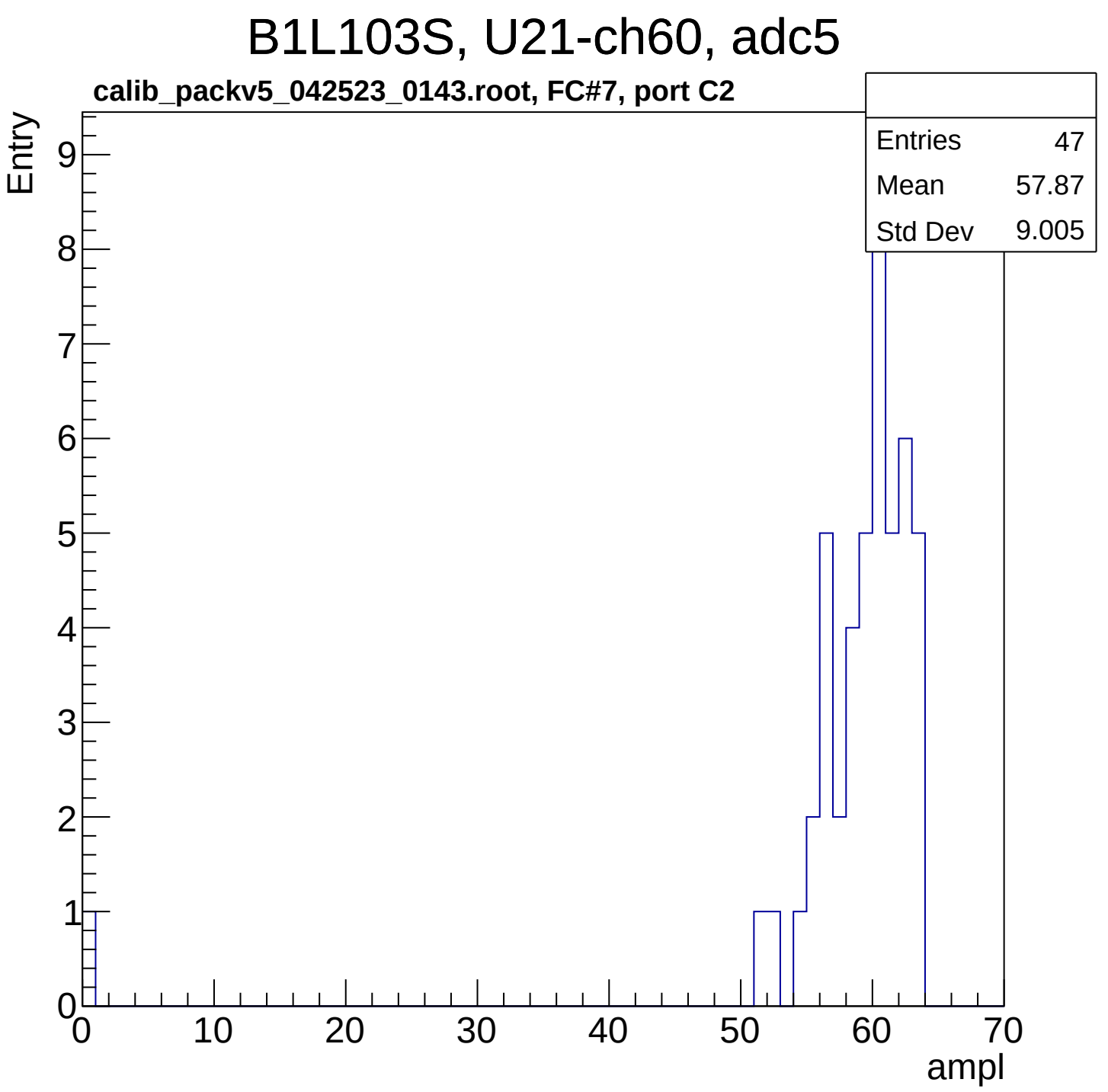
B1L103S, U21-ch60, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 47
Mean 57.87
Std Dev 9.005
Entry
ampl
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6
7
8
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0
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40
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60
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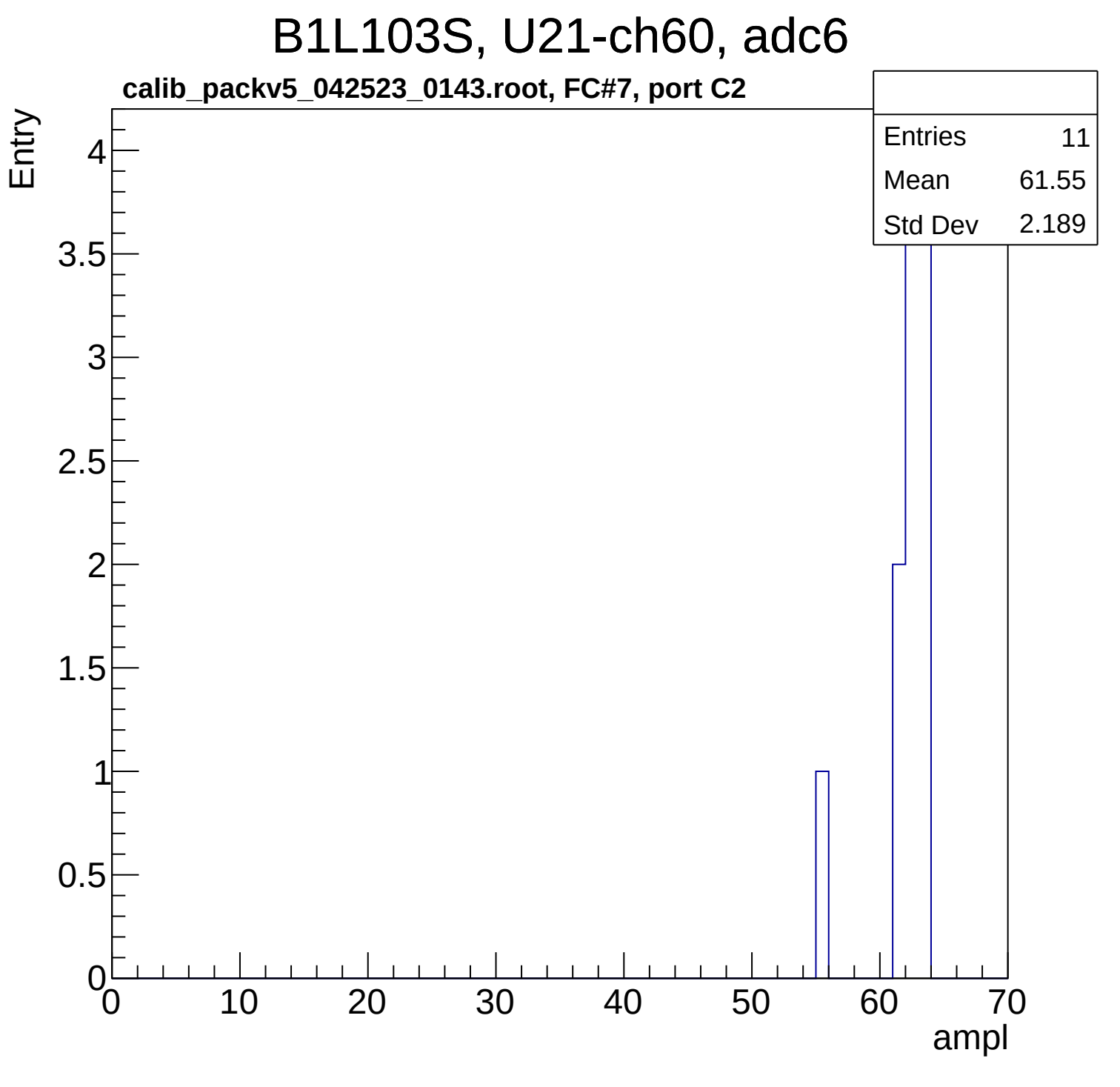
B1L103S, U21-ch60, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 11
Mean 61.55
Std Dev 2.189
Entry
ampl
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1.5
2
2.5
3
3.5
4
0
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60
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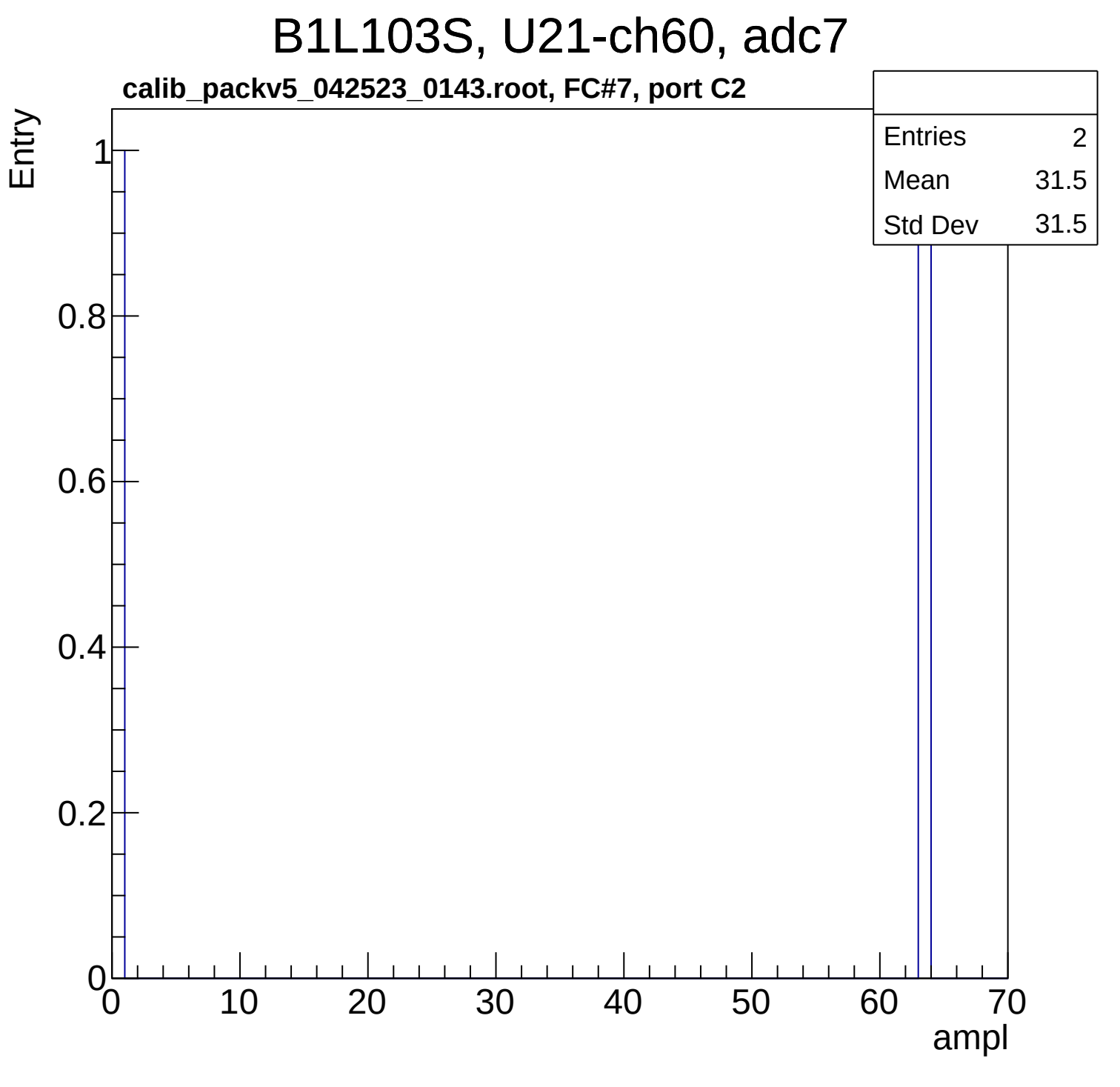
B1L103S, U21-ch60, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 31.5
Std Dev 31.5
Entry
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0.6
0.4
0.2
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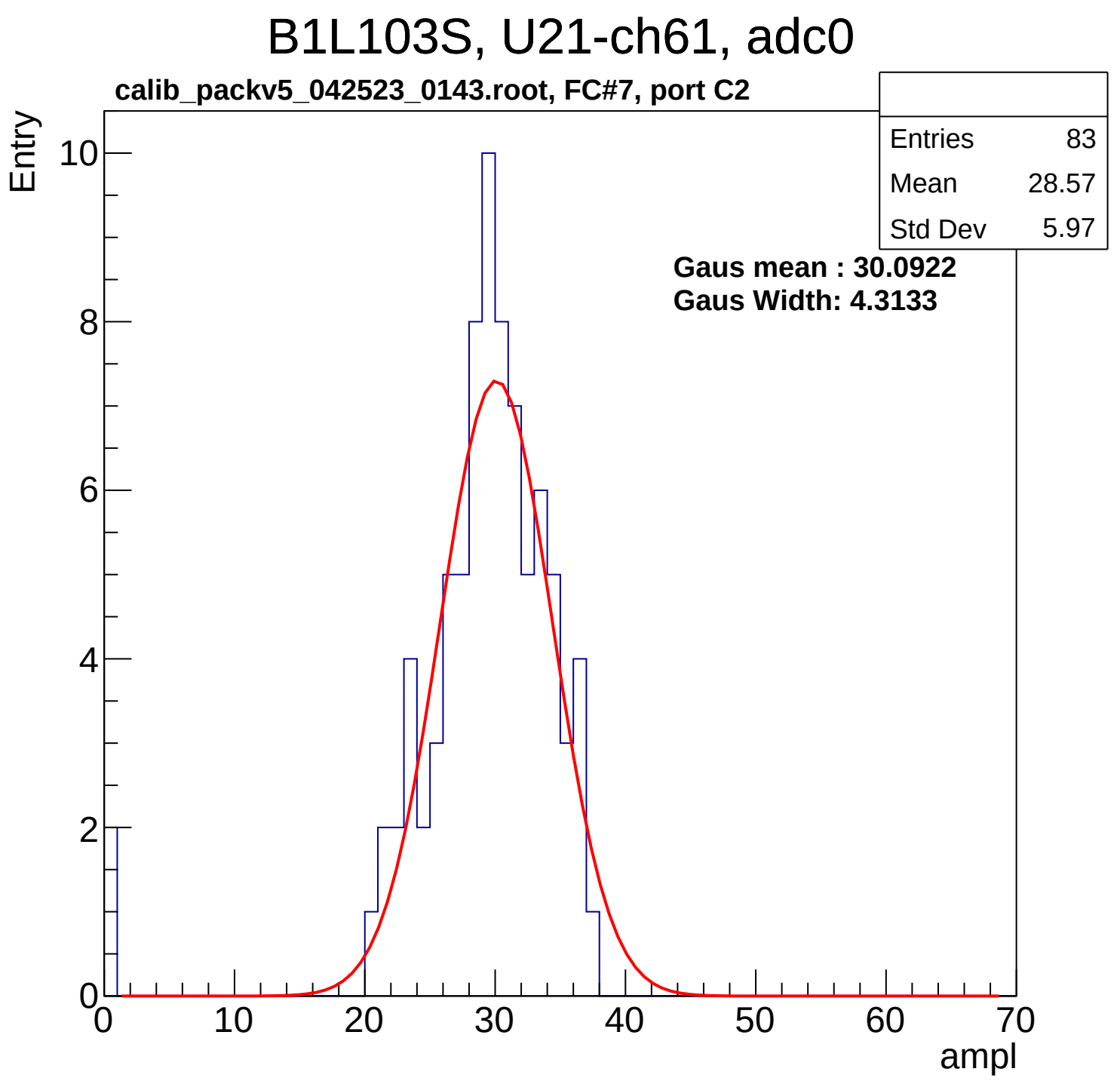
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch61, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 83
Mean 28.57
Std Dev 5.97
Gaus mean : 30.0922
Gaus Width: 4.3133
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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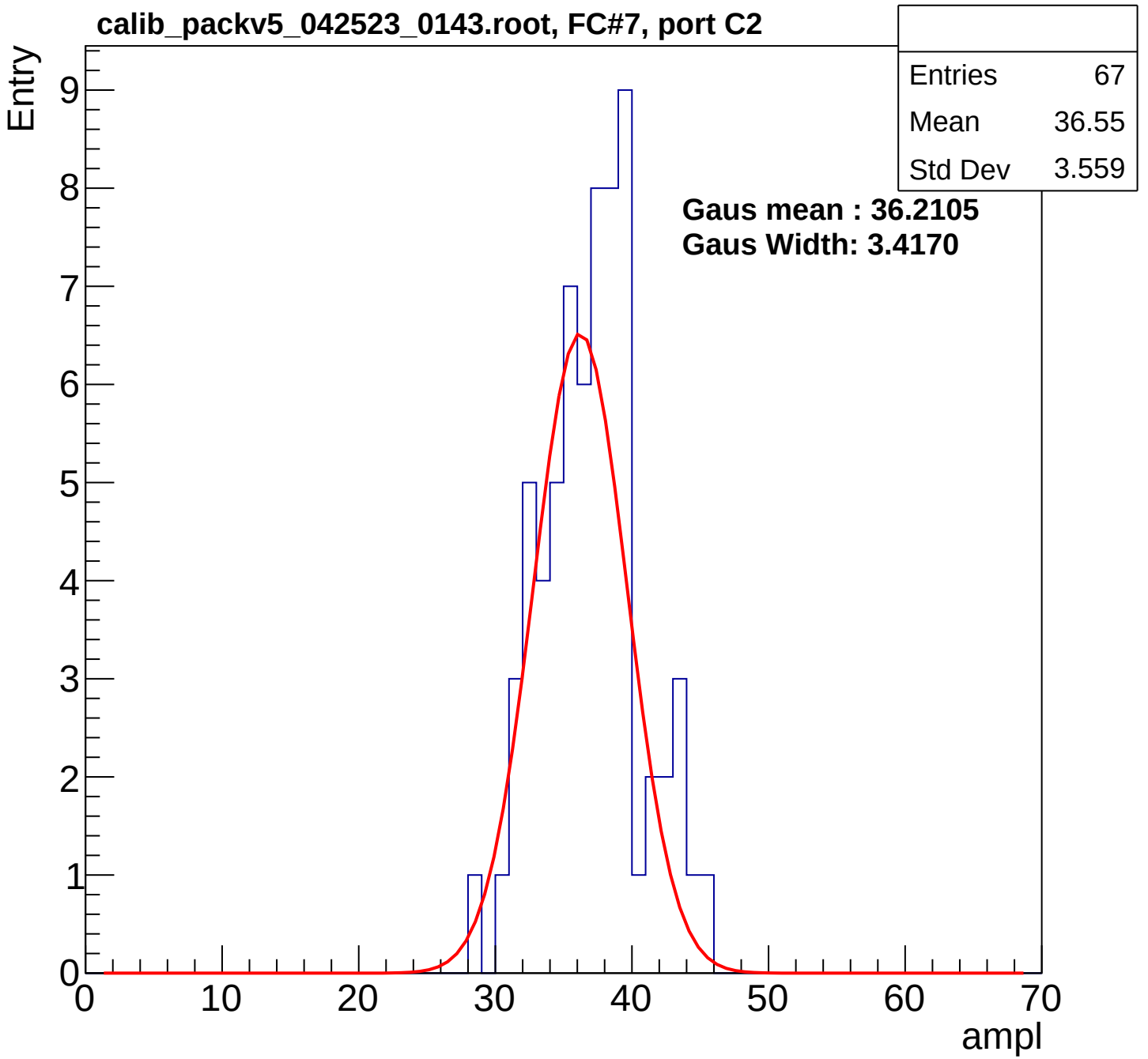
B1L103S, U21-ch61, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 36.55
Std Dev 3.559
Gaus mean : 36.2105
Gaus Width: 3.4170
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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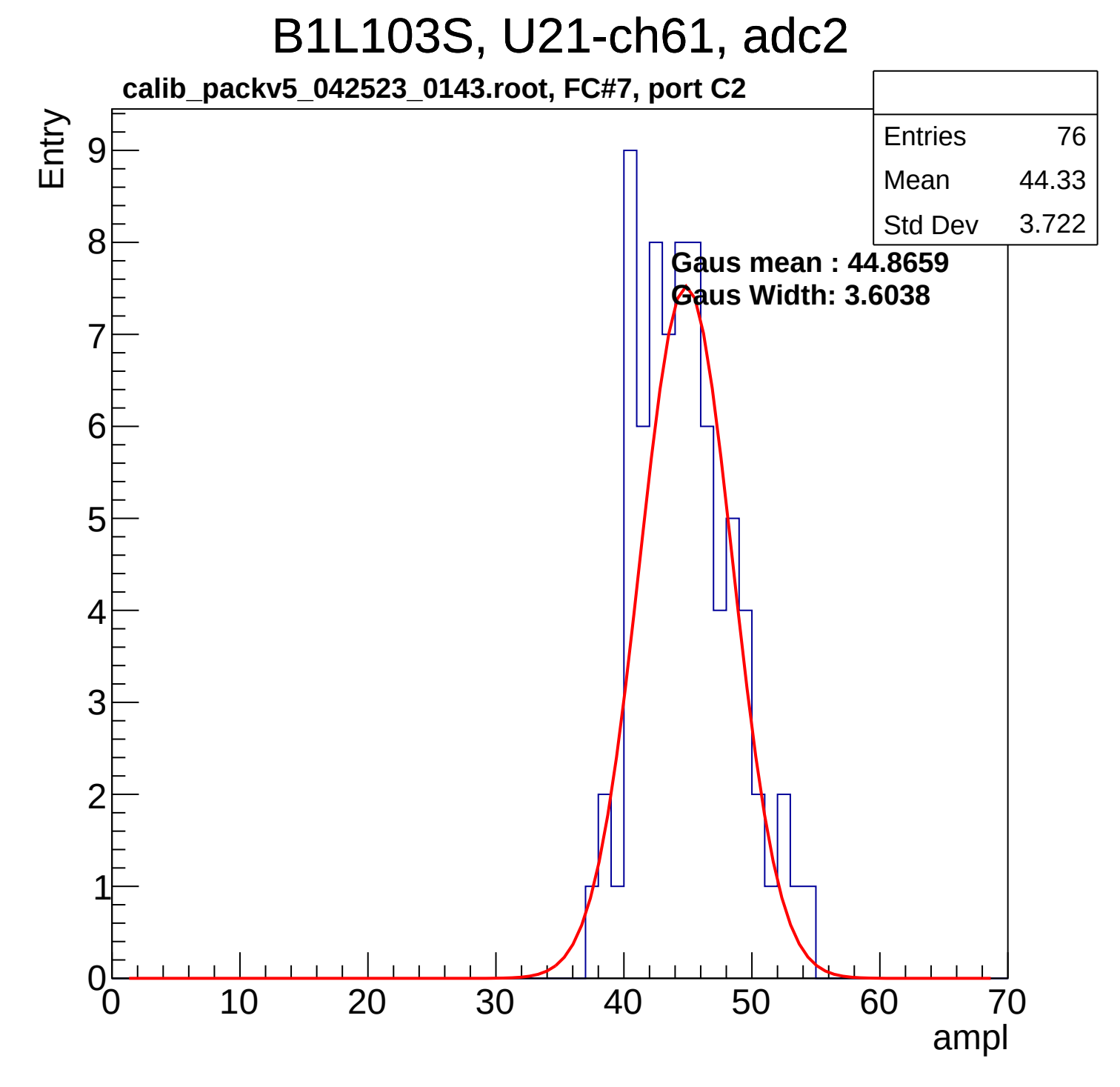
B1L103S, U21-ch61, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 44.33
Std Dev 3.722
Gaus mean : 44.8659
Gaus Width: 3.6038
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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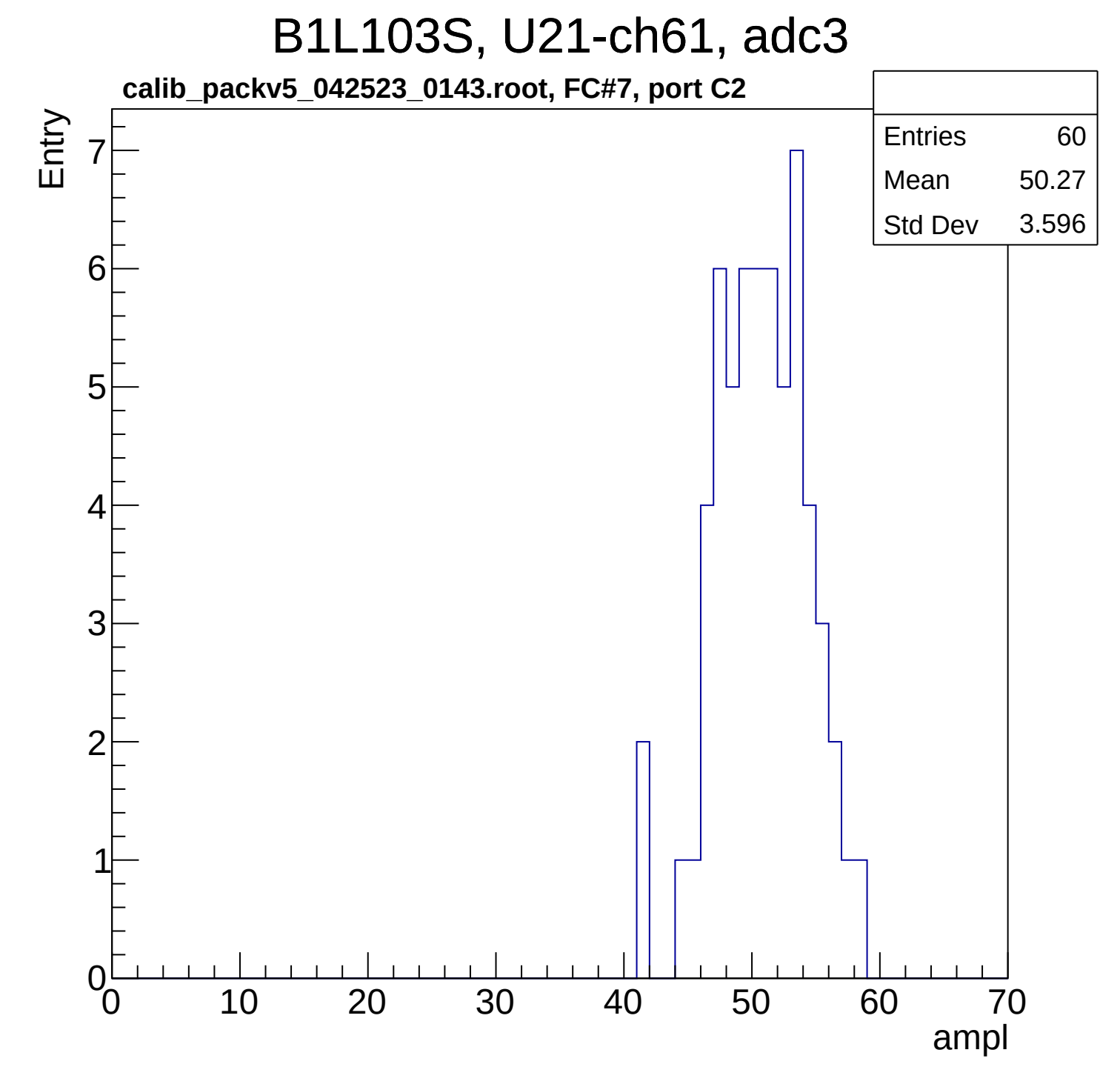
B1L103S, U21-ch61, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 50.27
Std Dev 3.596
Entry
ampl
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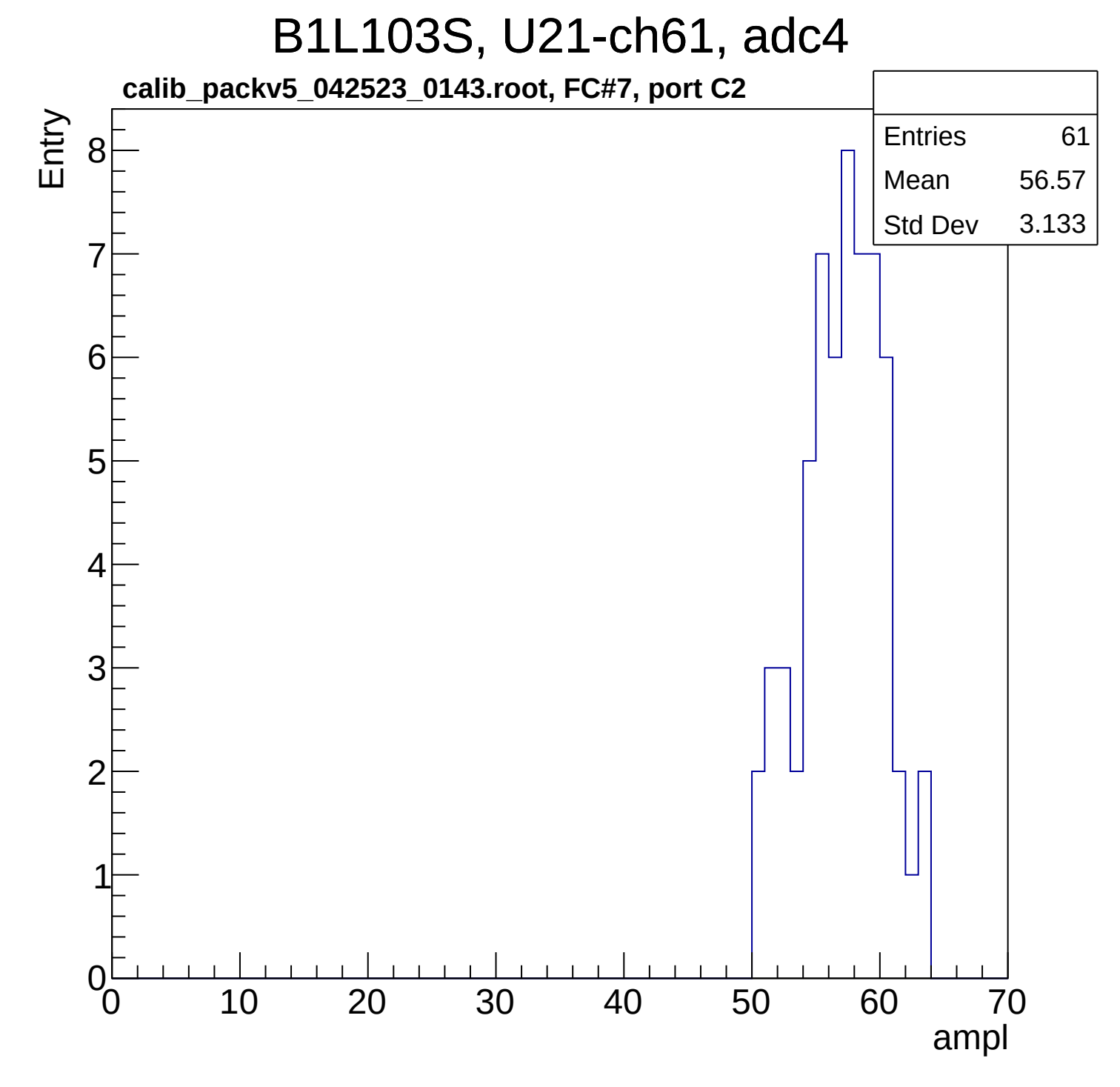
B1L103S, U21-ch61, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 56.57
Std Dev 3.133
Entry
ampl
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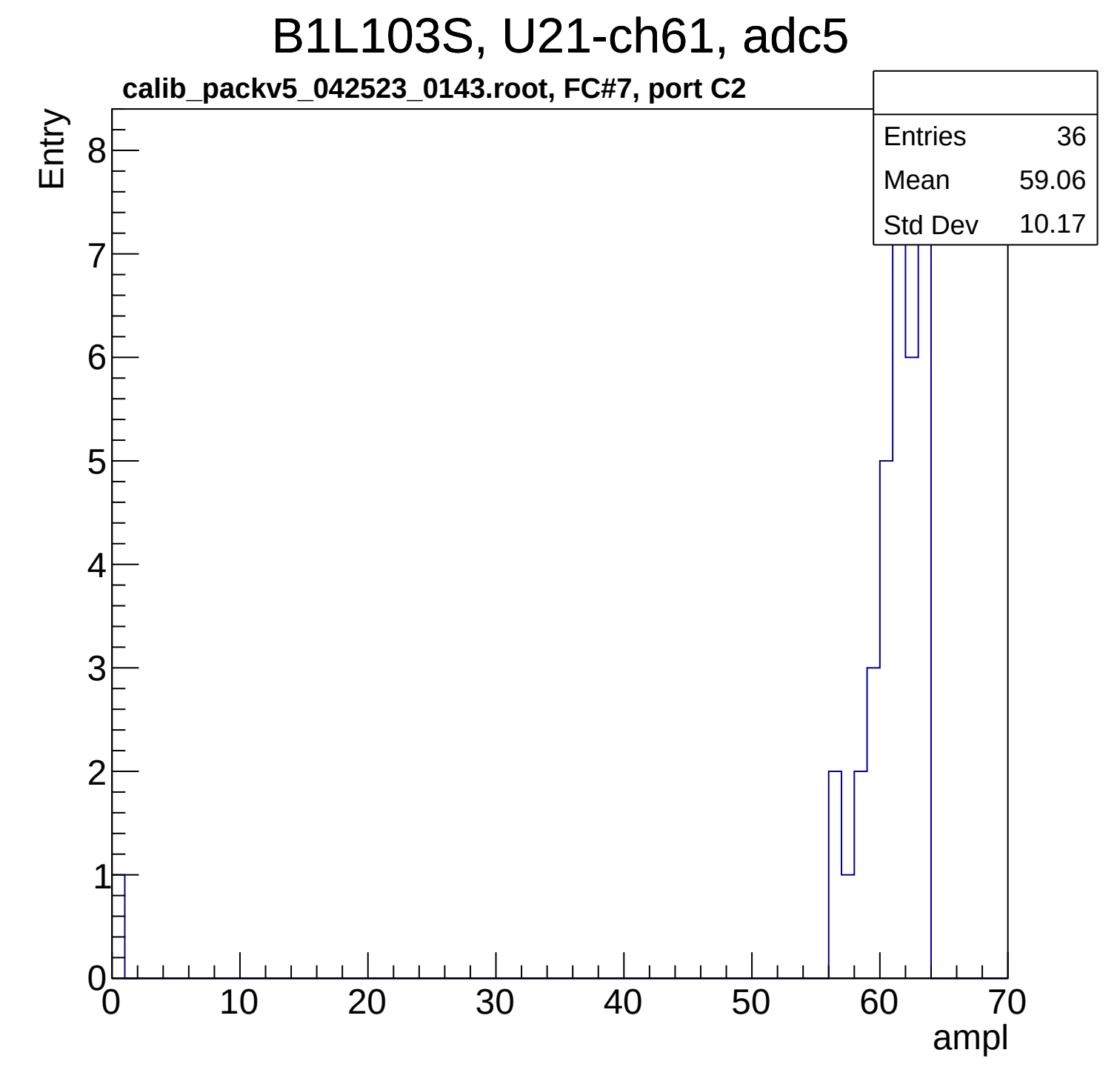
B1L103S, U21-ch61, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 36
Mean 59.06
Std Dev 10.17
Entry
ampl
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3
4
5
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10
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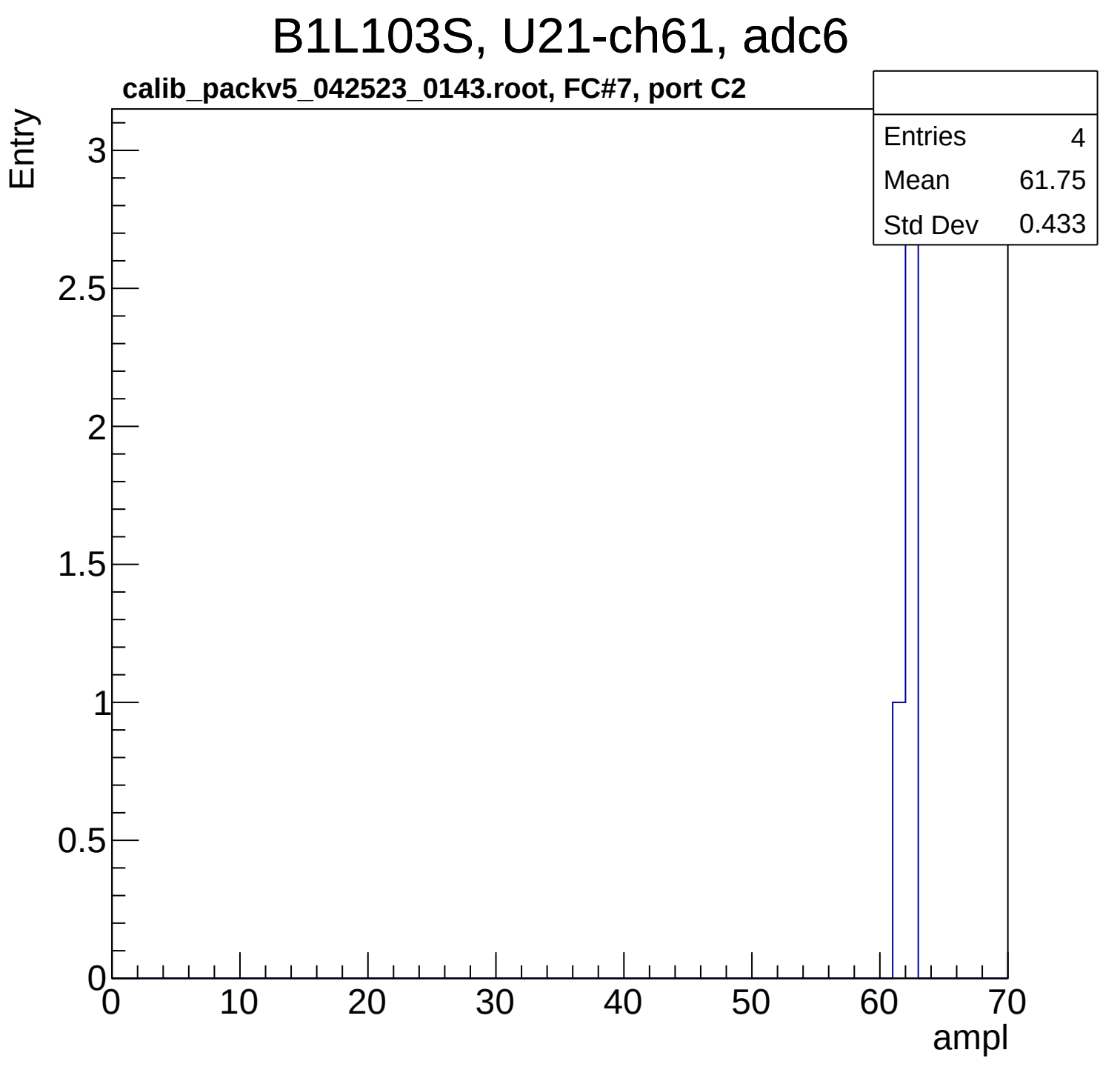
B1L103S, U21-ch61, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 4
Mean 61.75
Std Dev 0.433
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
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20
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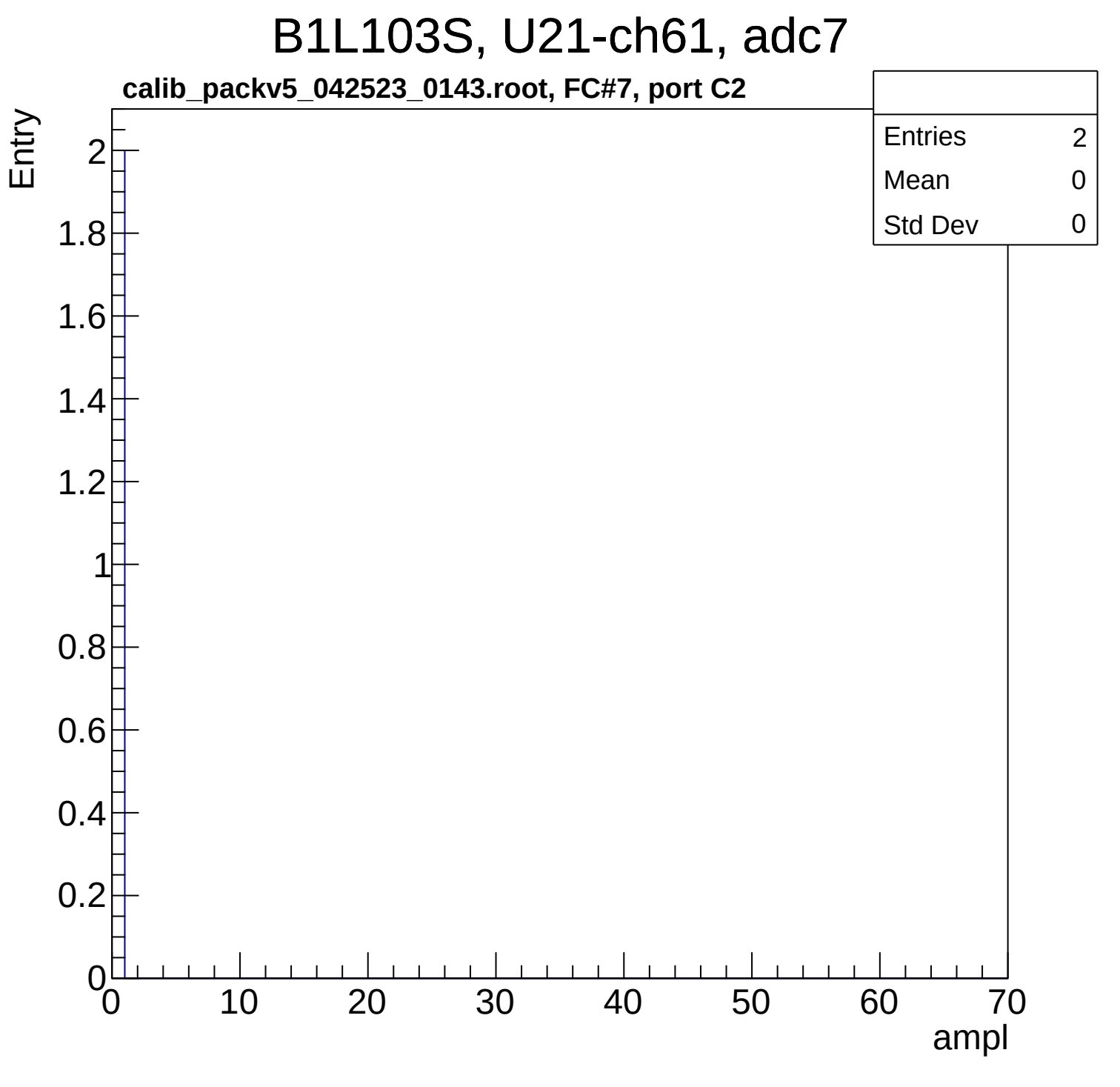
40
50
60
70


B1L103S, U21-ch61, 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
0
10
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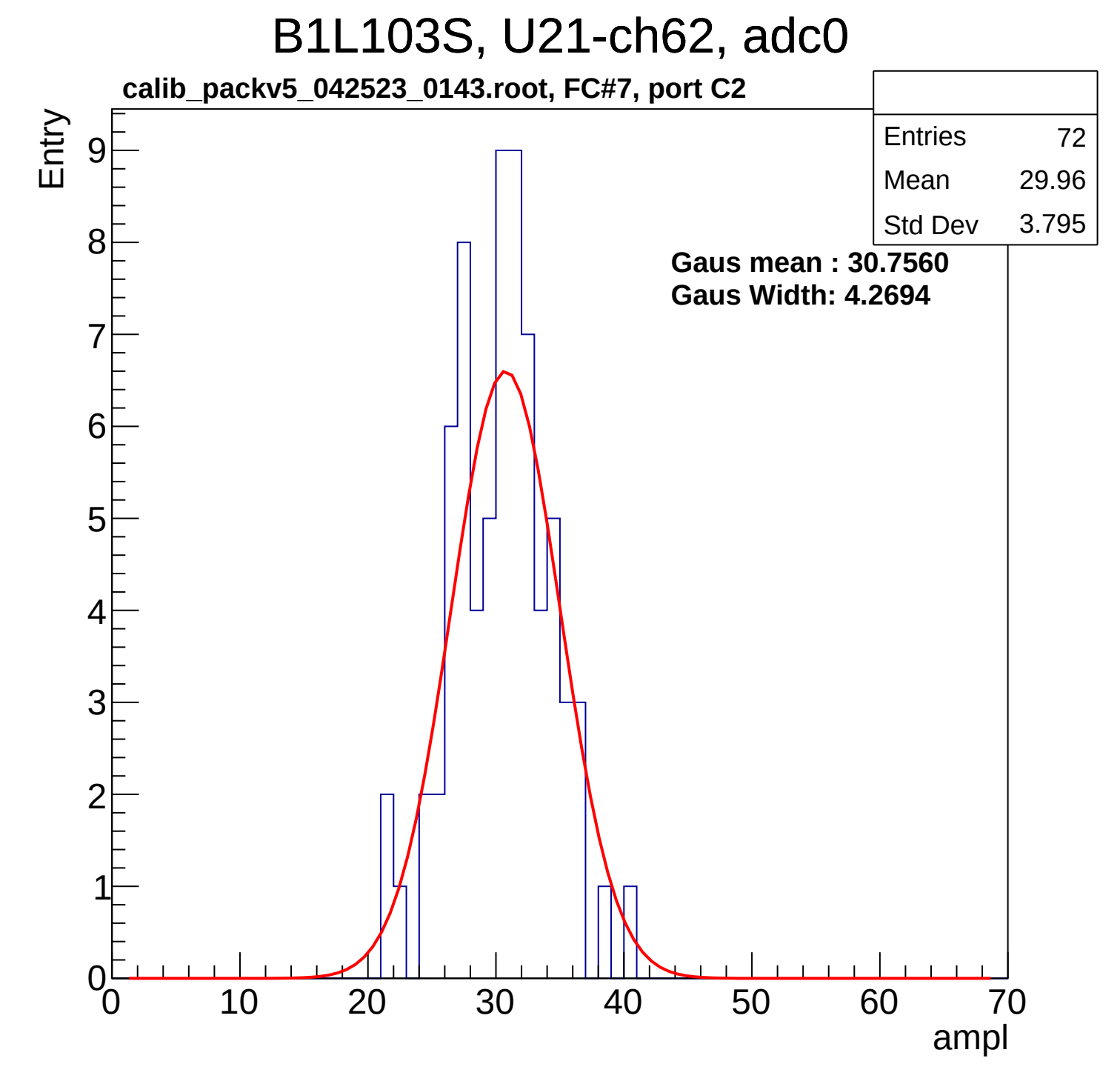
50
60
70
ampl


B1L103S, U21-ch62, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 29.96
Std Dev 3.795
Gaus mean : 30.7560
Gaus Width: 4.2694
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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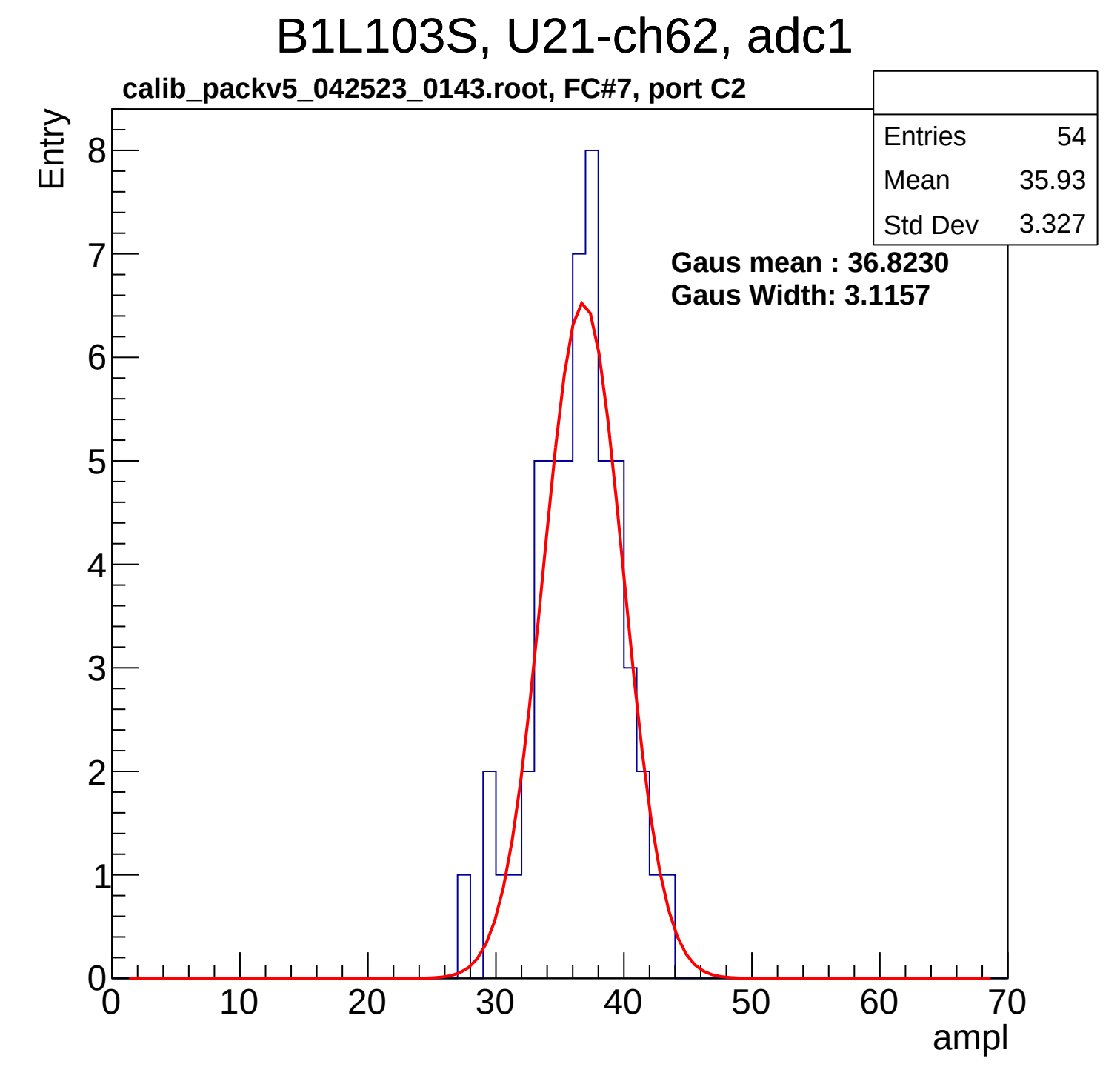
B1L103S, U21-ch62, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 35.93
Std Dev 3.327
Gaus mean : 36.8230
Gaus Width: 3.1157
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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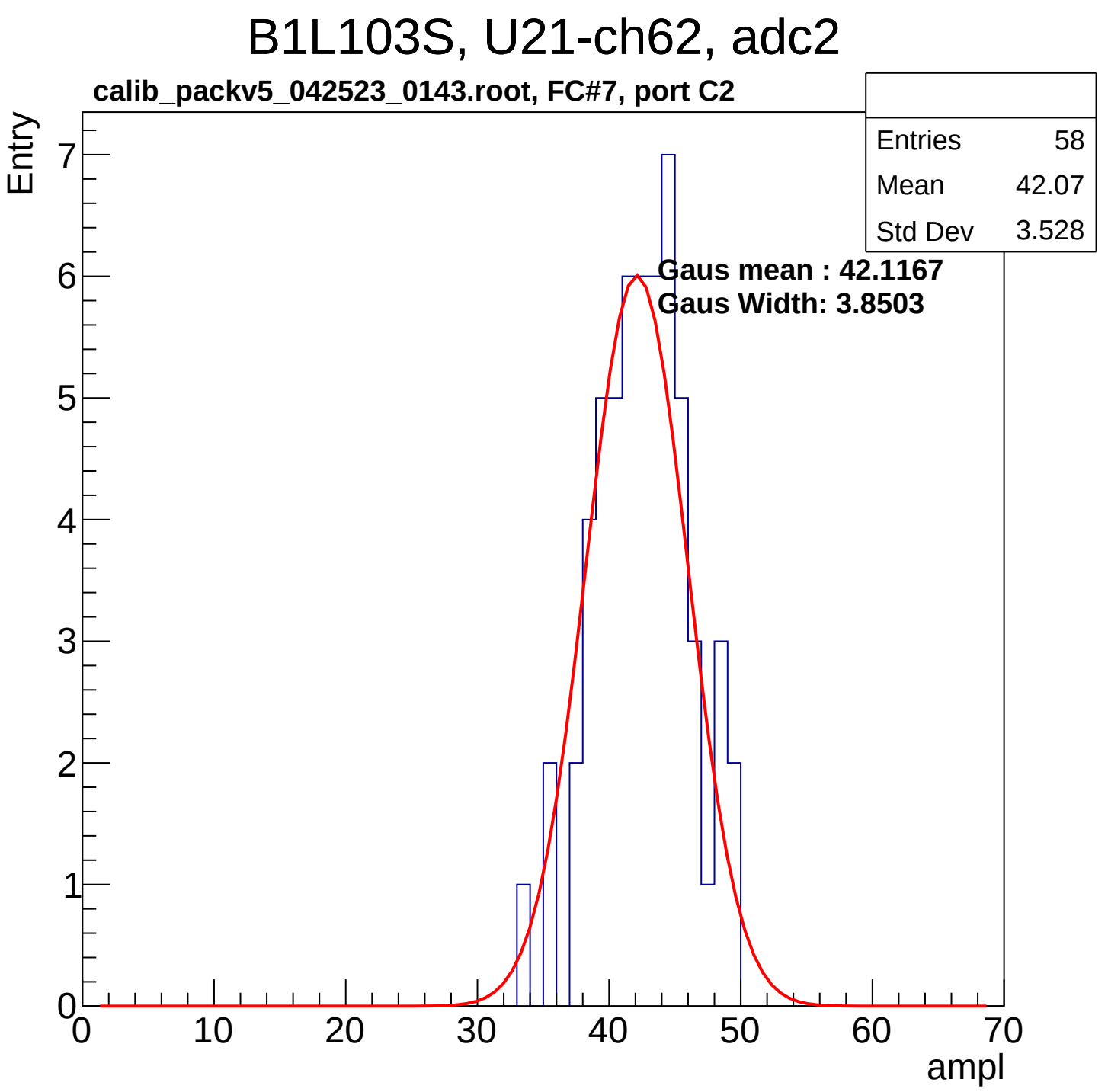
B1L103S, U21-ch62, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 42.07
Std Dev 3.528
Gaus mean : 42.1167
Gaus Width: 3.8503
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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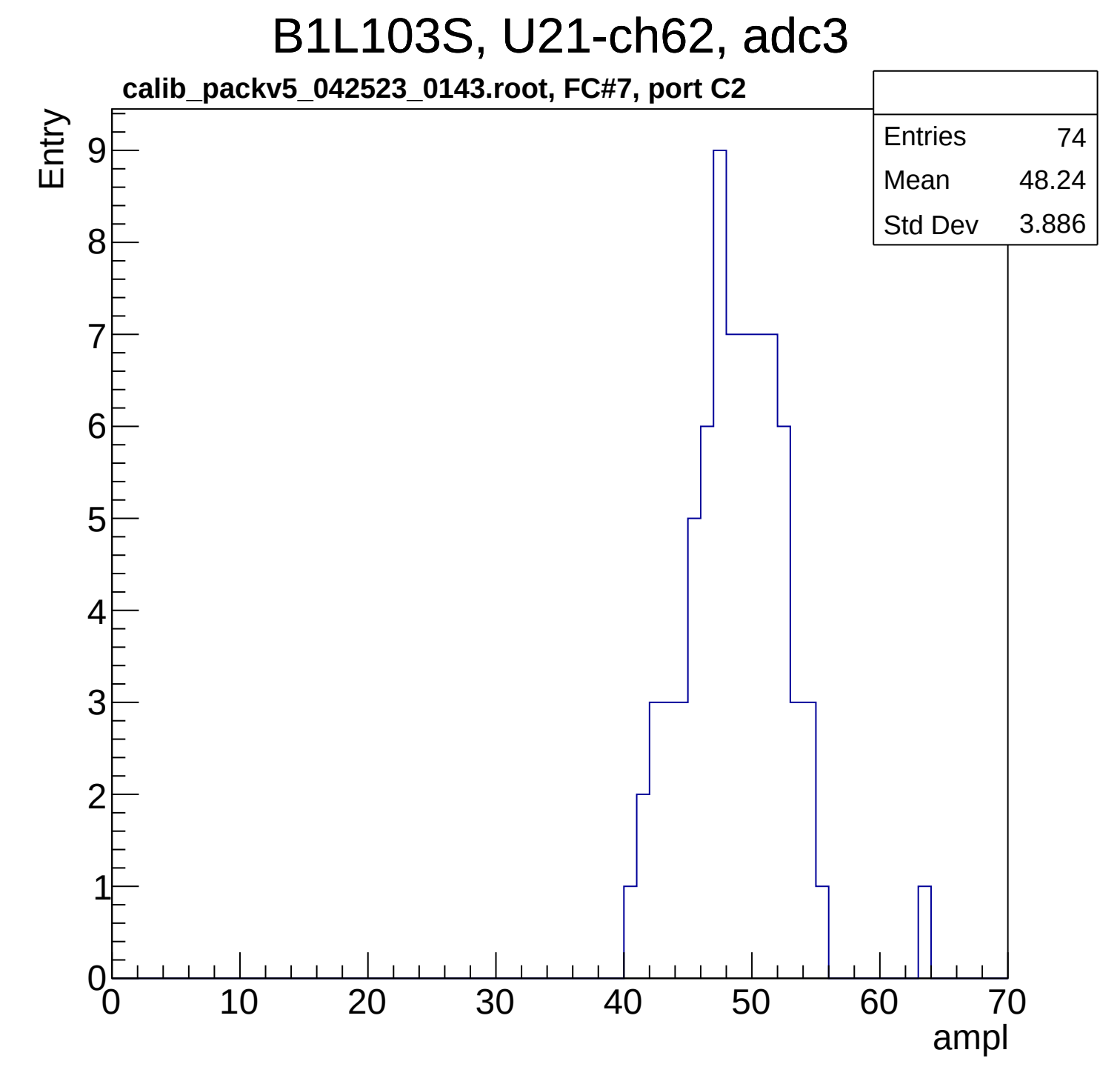
B1L103S, U21-ch62, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 48.24
Std Dev 3.886
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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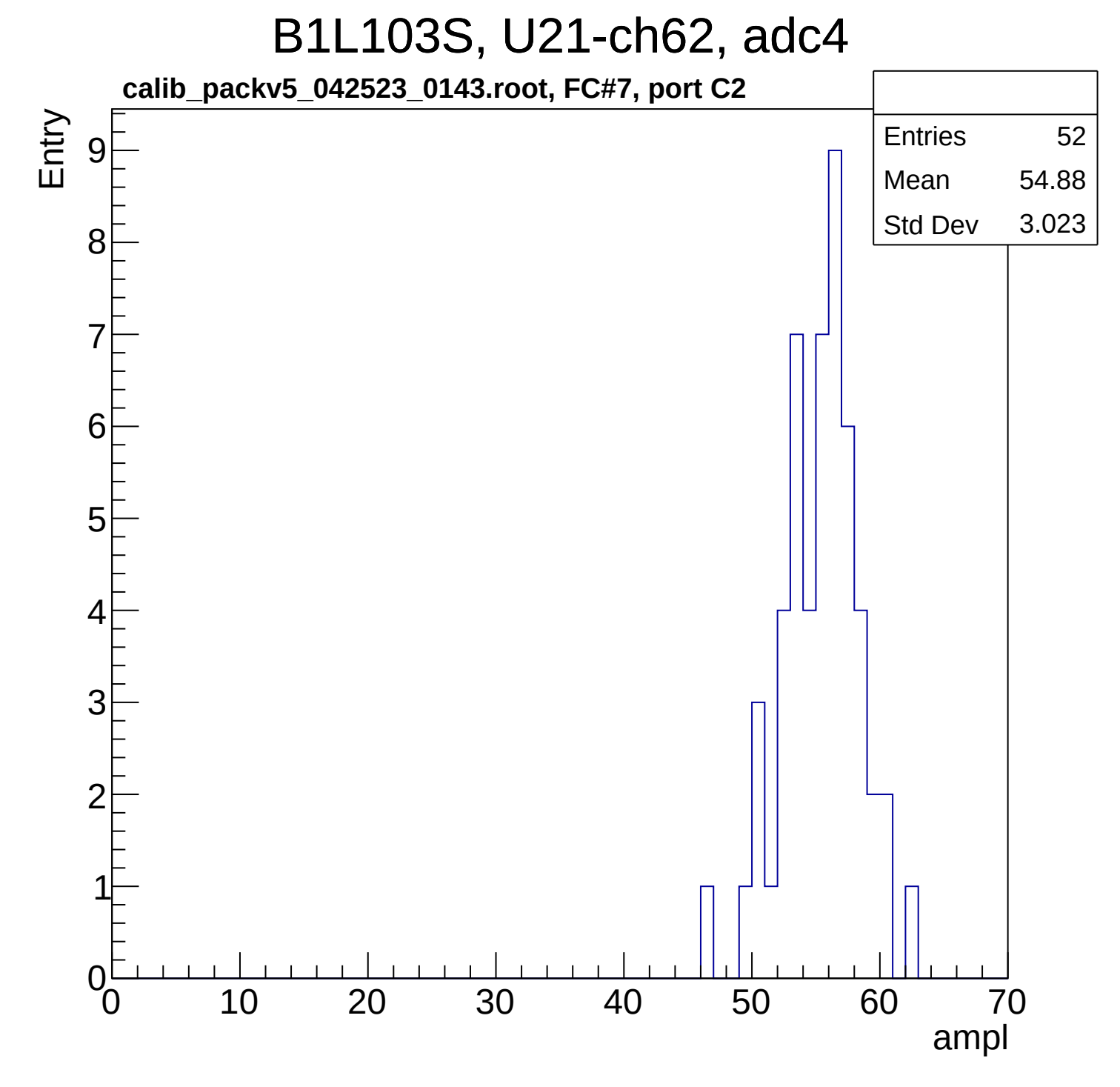
B1L103S, U21-ch62, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 52
Mean 54.88
Std Dev 3.023
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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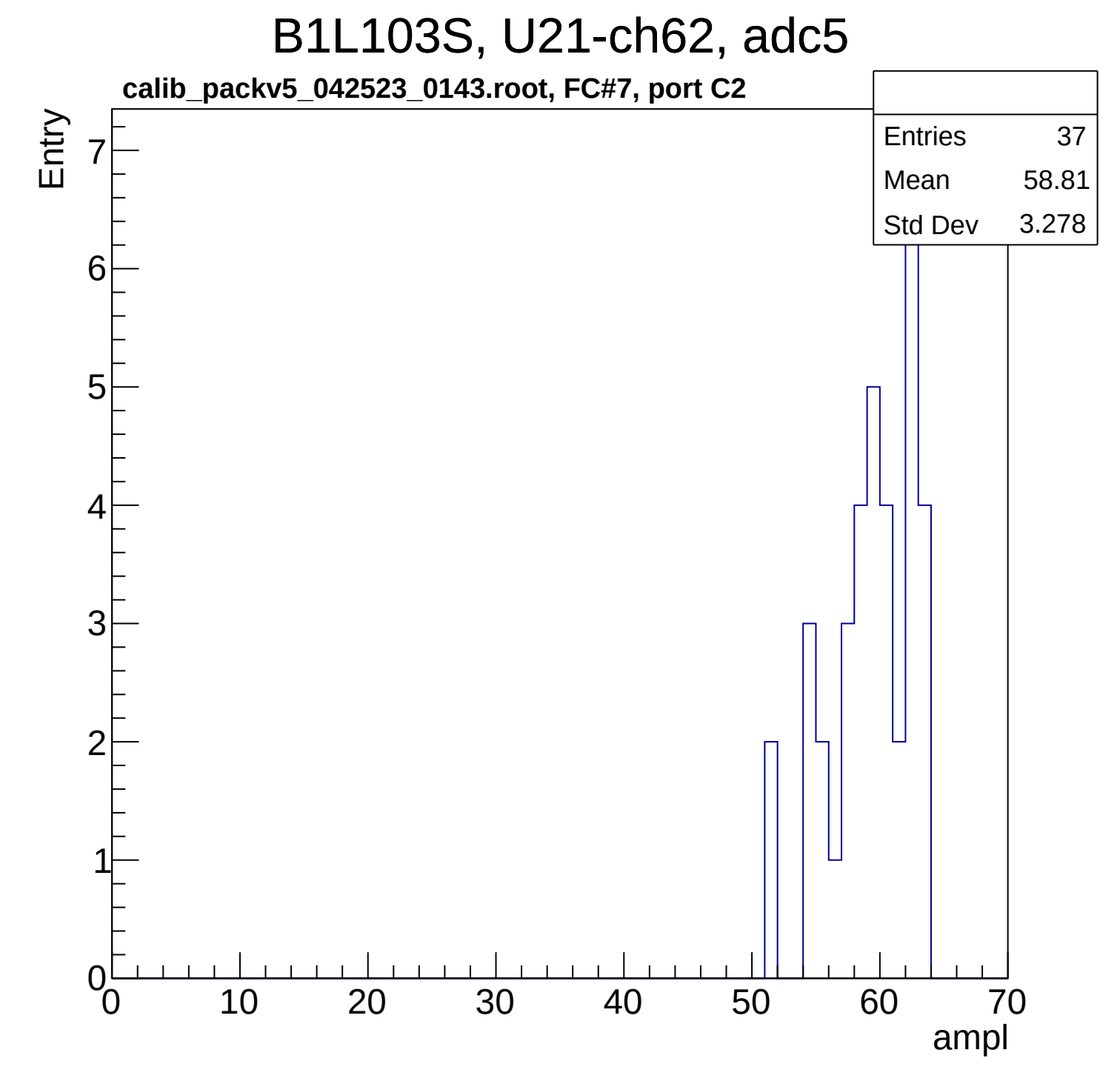
B1L103S, U21-ch62, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 37
Mean 58.81
Std Dev 3.278
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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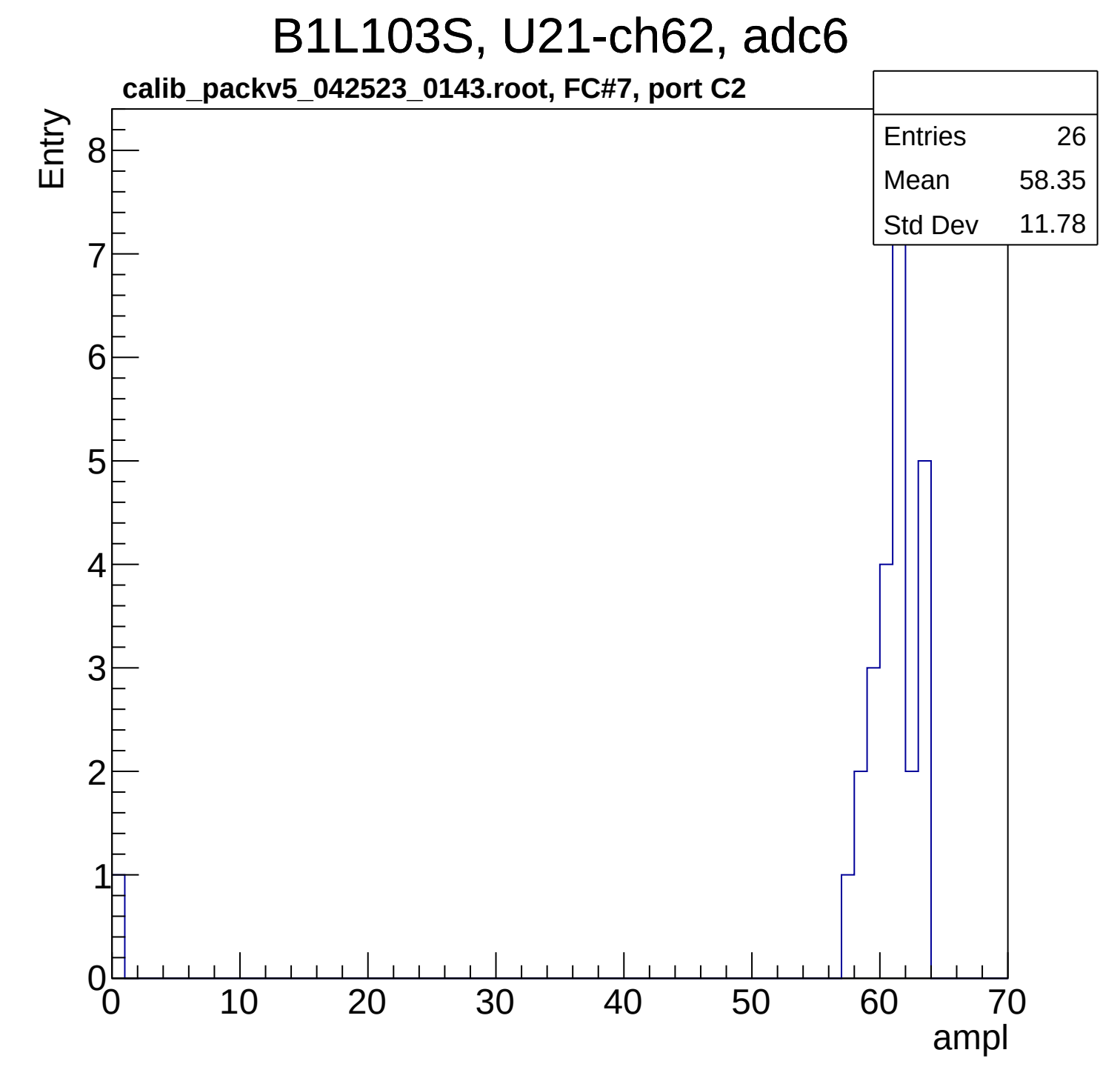
B1L103S, U21-ch62, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 26
Mean 58.35
Std Dev 11.78
Entry
ampl
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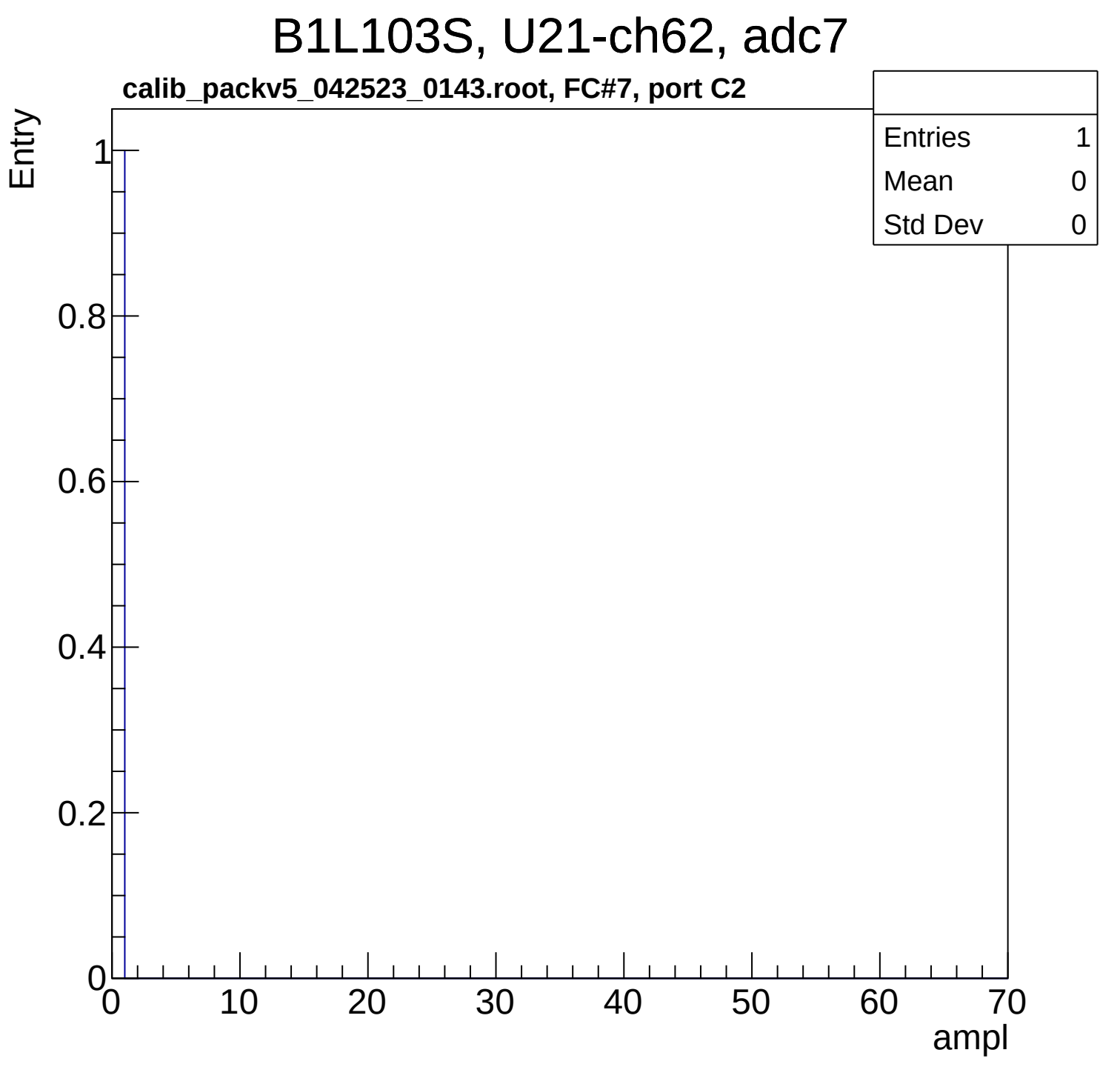
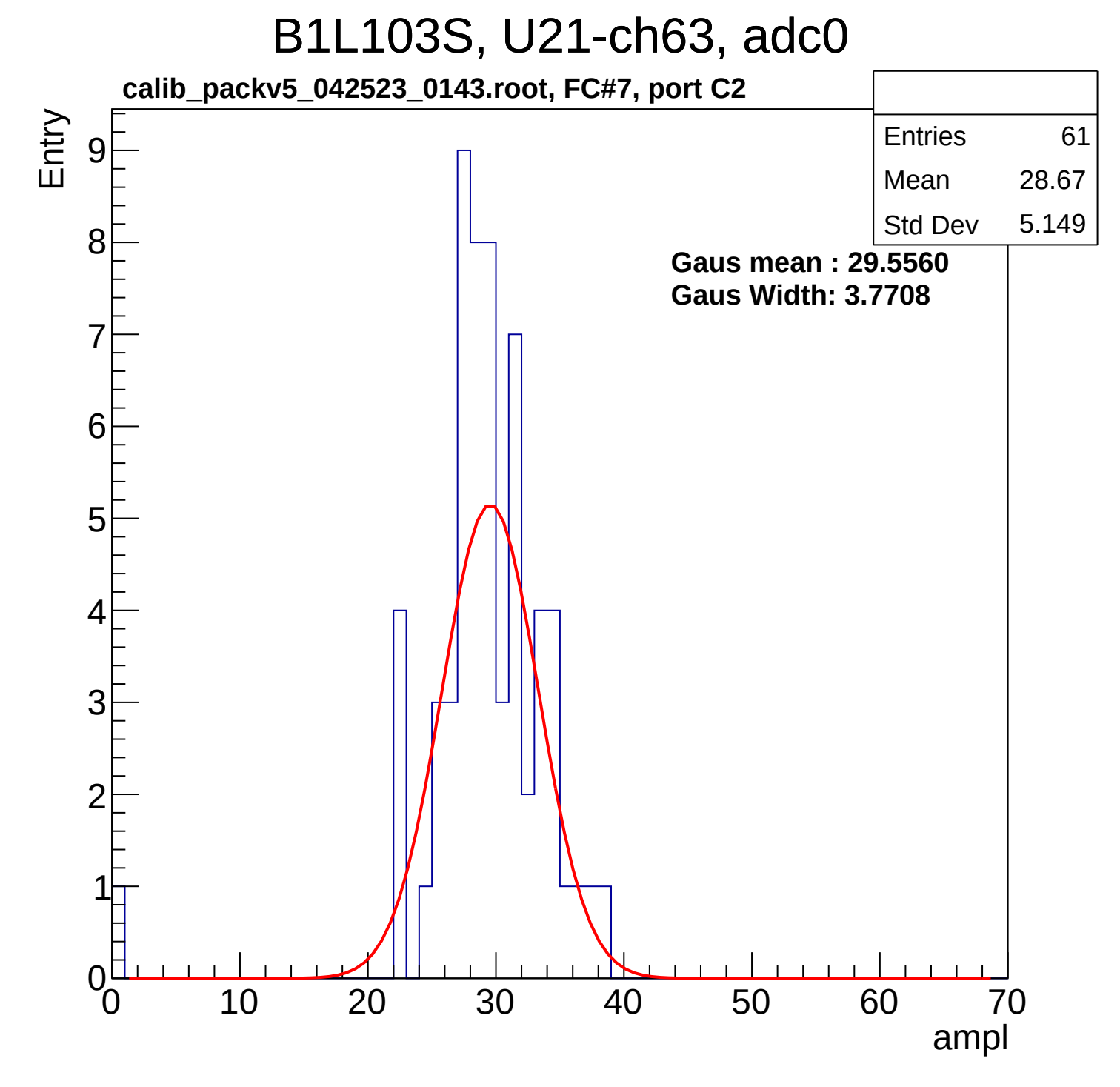
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch62, 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, U21-ch63, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 28.67
Std Dev 5.149
Gaus mean : 29.5560
Gaus Width: 3.7708
Entry
ampl
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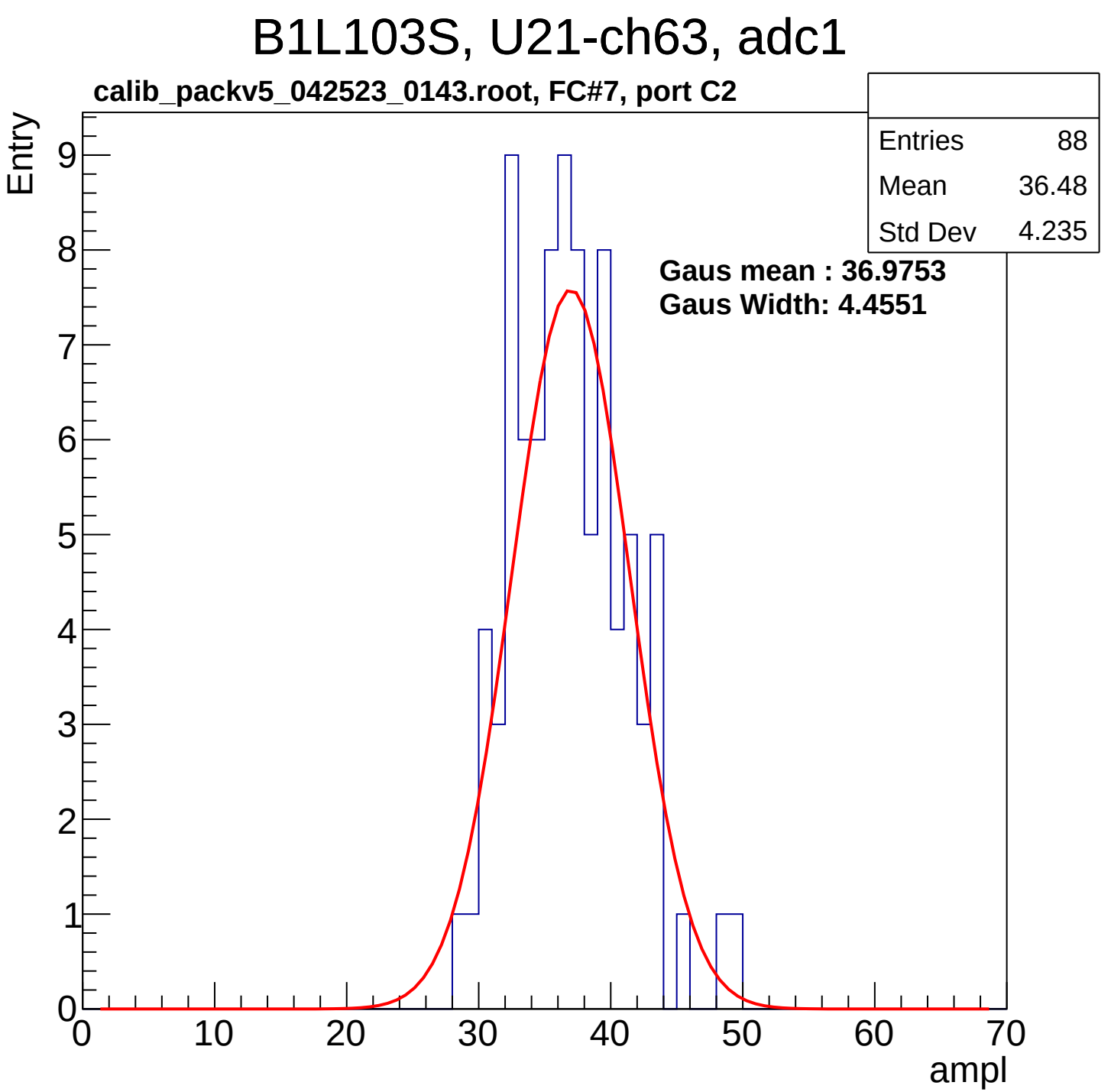
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch63, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 88
Mean 36.48
Std Dev 4.235
Gaus mean : 36.9753
Gaus Width: 4.4551
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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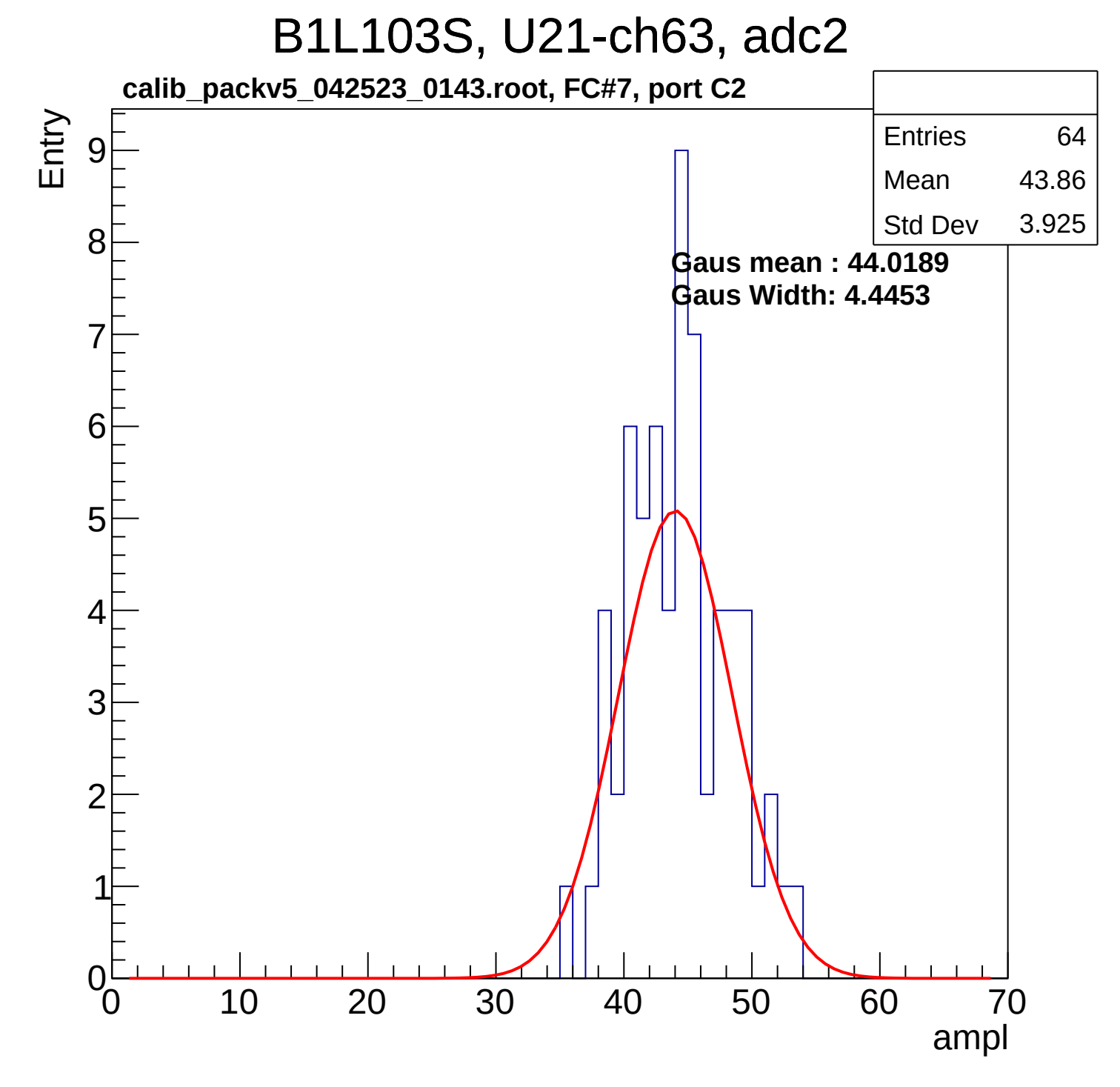
B1L103S, U21-ch63, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 43.86
Std Dev 3.925
Gaus mean : 44.0189
Gaus Width: 4.4453
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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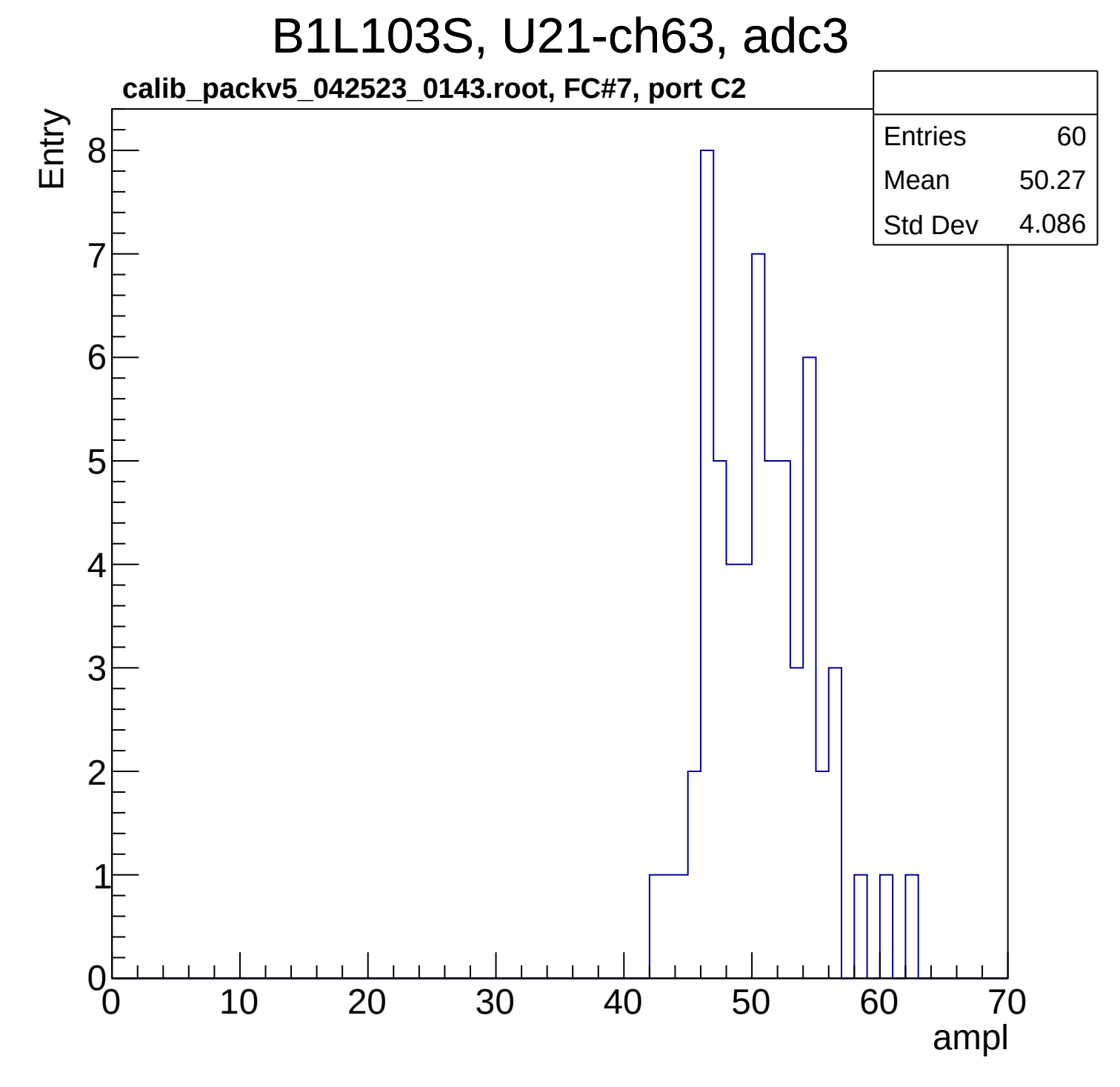
B1L103S, U21-ch63, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 50.27
Std Dev 4.086
Entry
ampl
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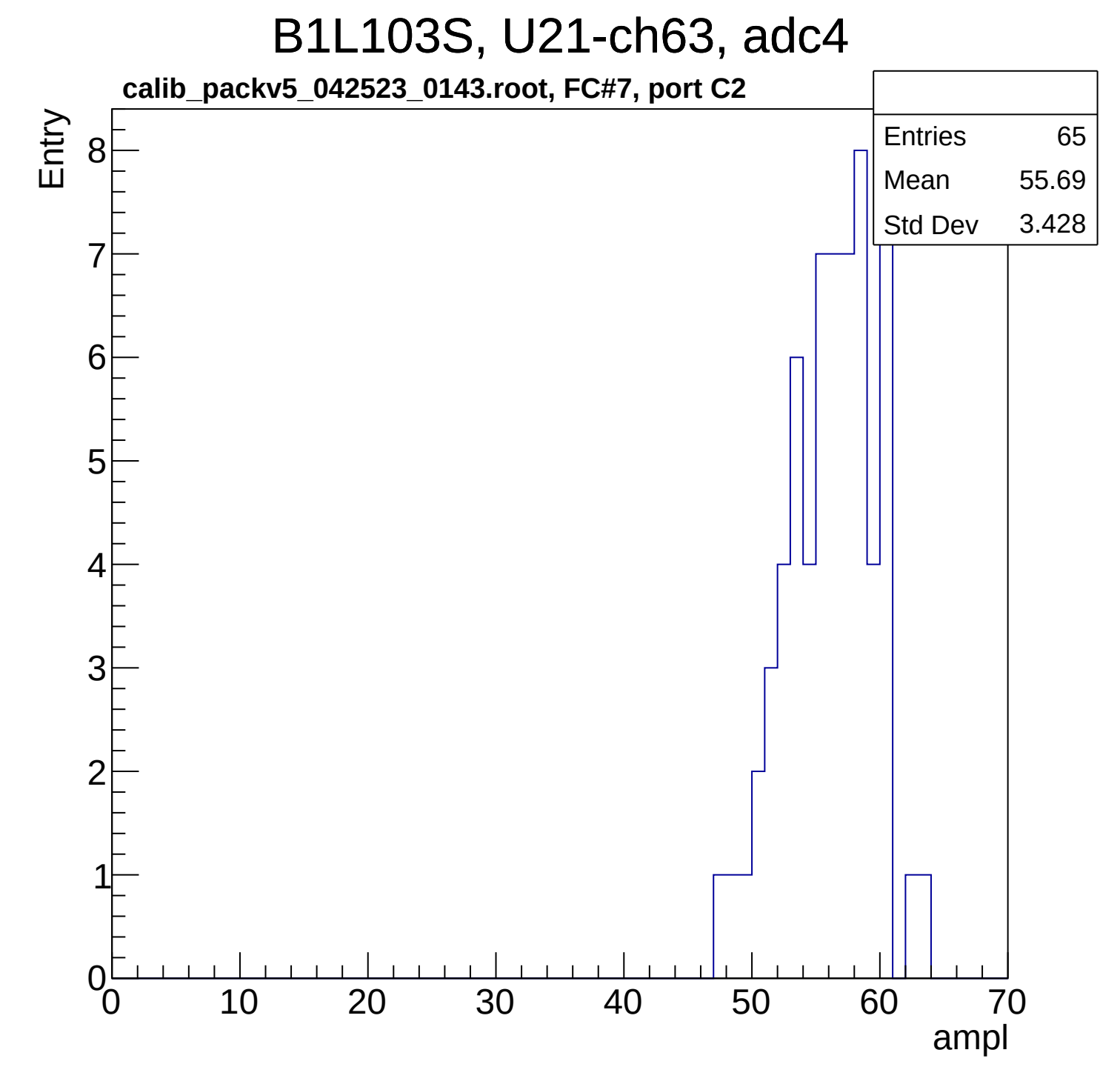
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch63, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 55.69
Std Dev 3.428
Entry
ampl
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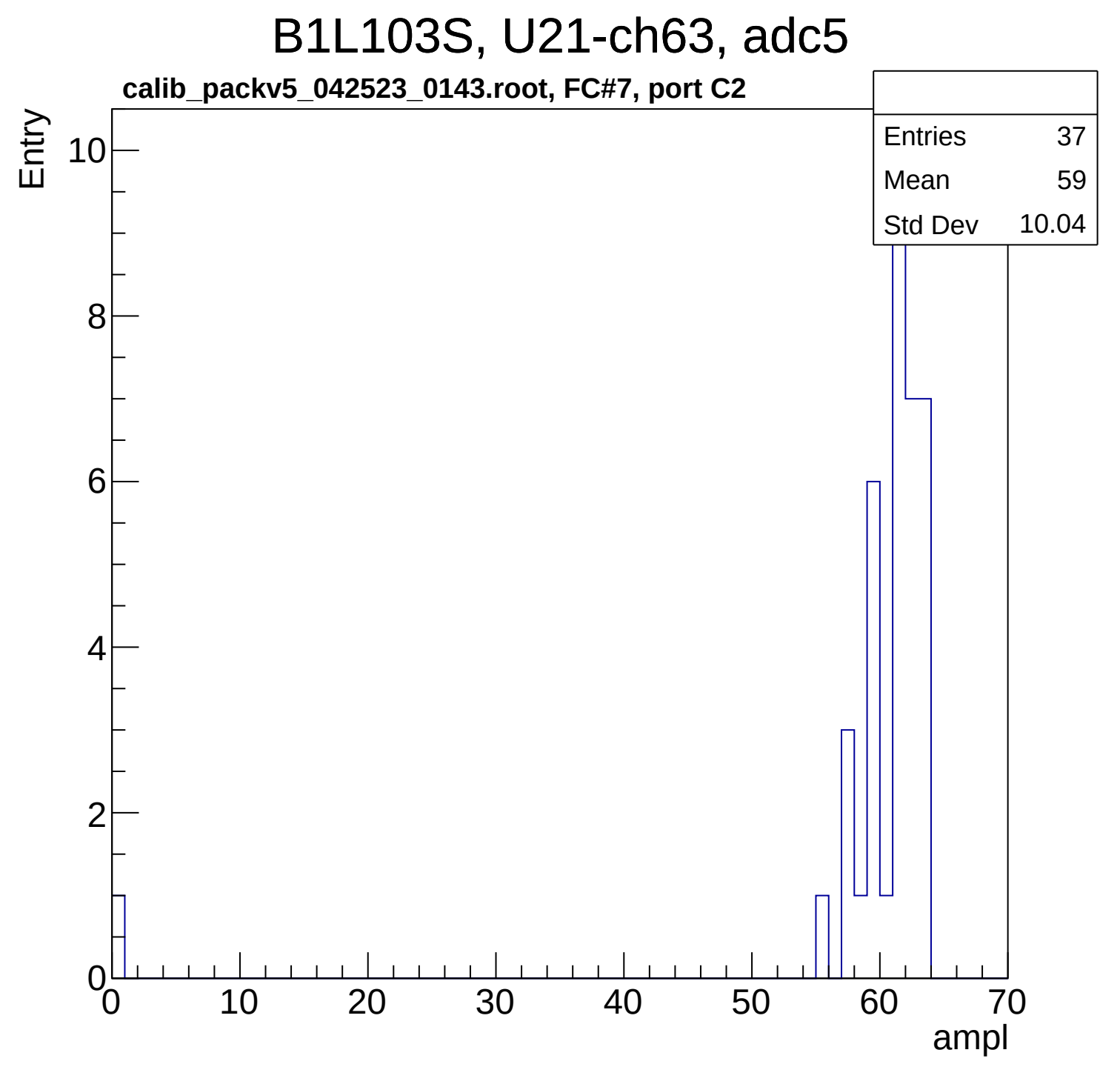
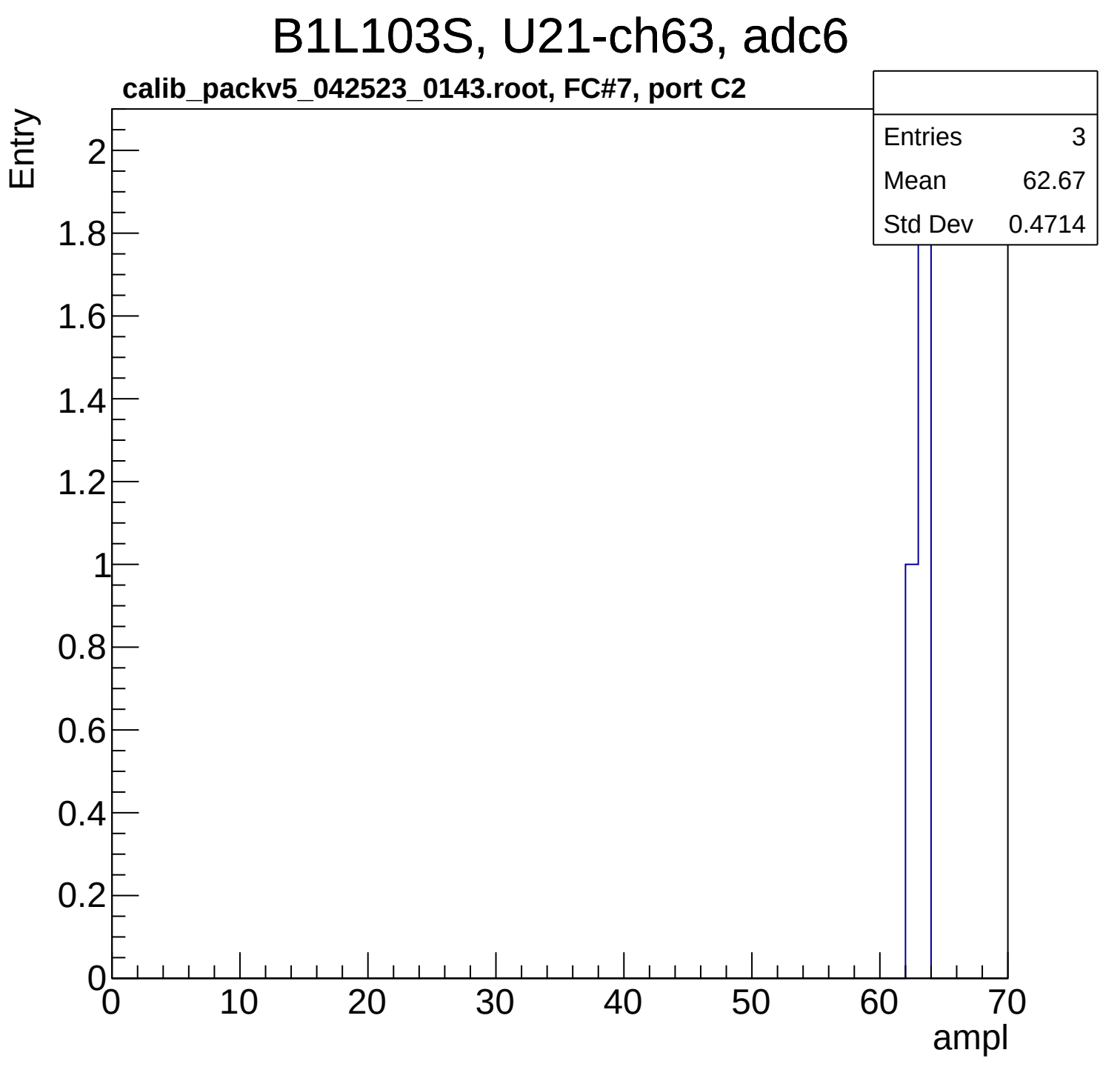
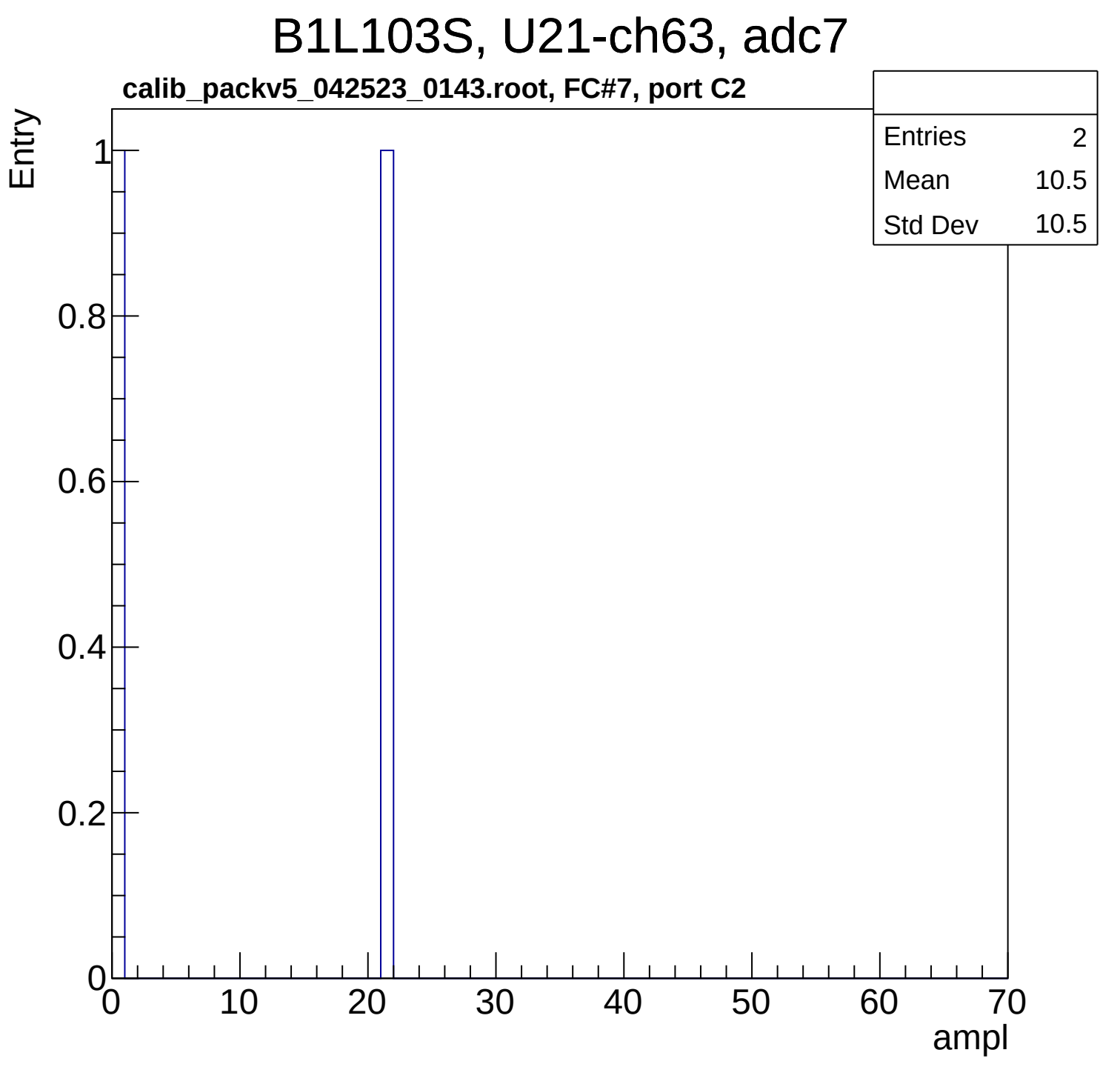
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch63, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 37
Mean 59
Std Dev 10.04
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-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, U21-ch63, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 10.5
Std Dev 10.5
Entry
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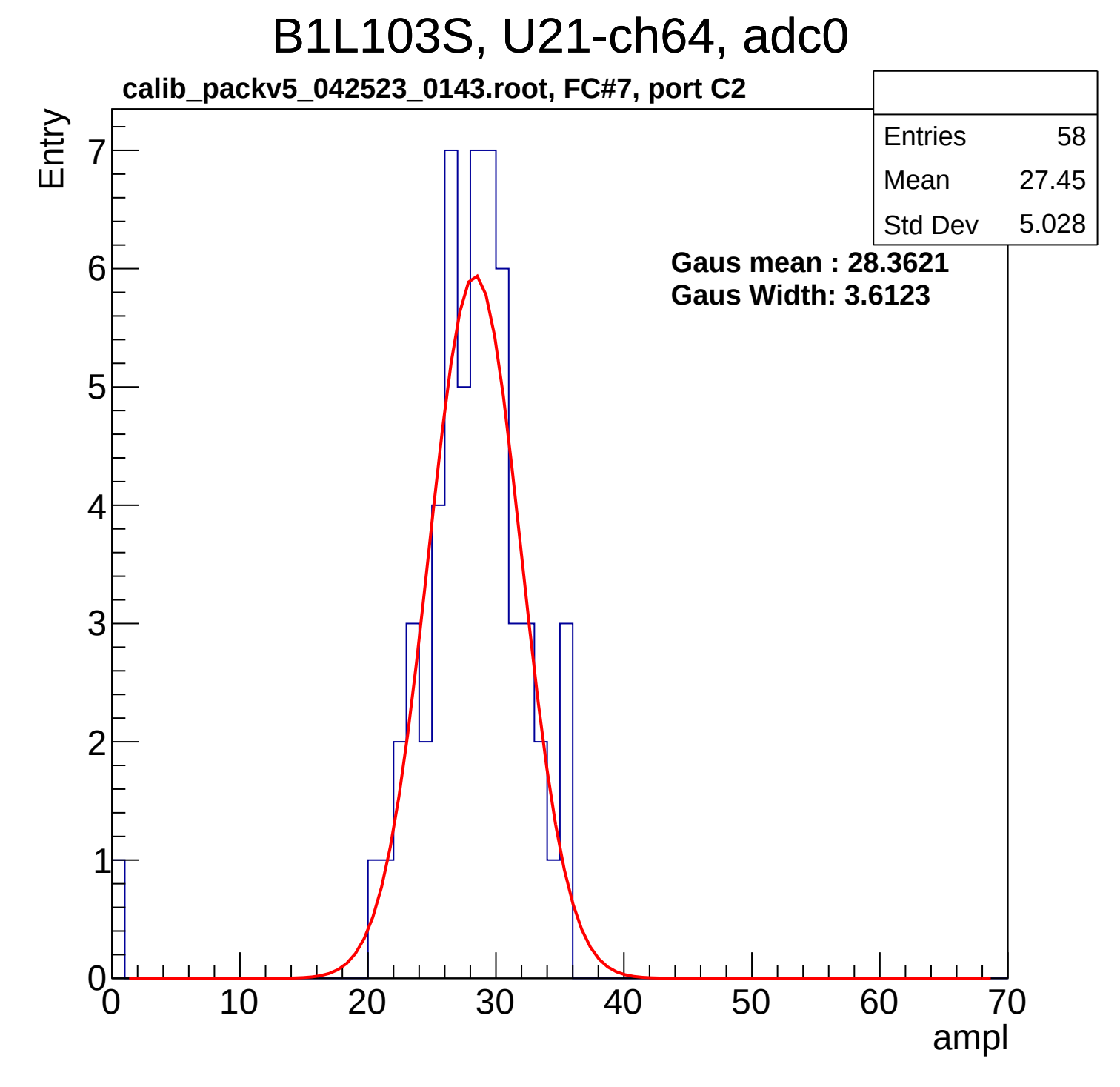
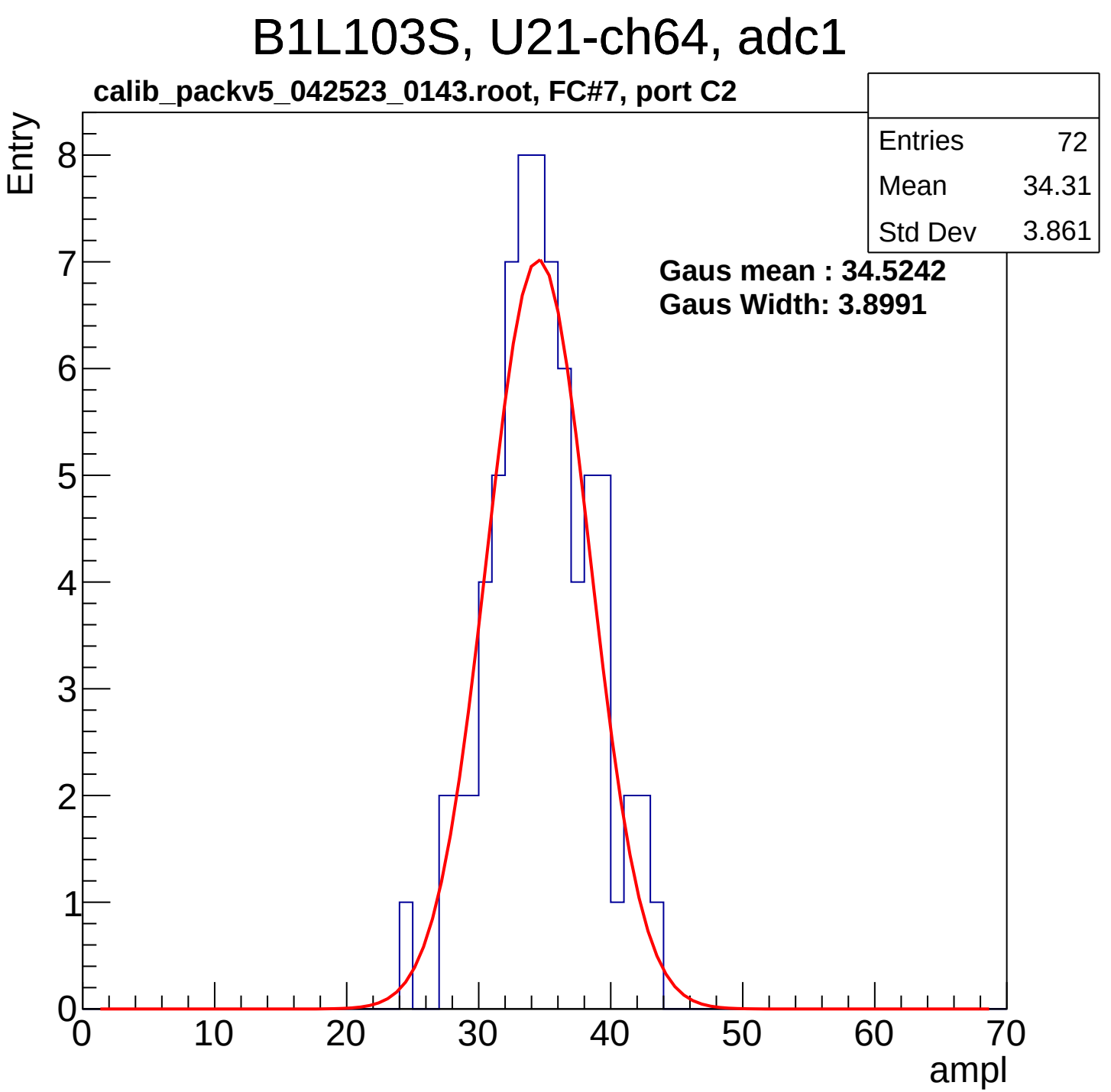
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch64, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 27.45
Std Dev 5.028
Gaus mean : 28.3621
Gaus Width: 3.6123
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch64, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 34.31
Std Dev 3.861
Gaus mean : 34.5242
Gaus Width: 3.8991
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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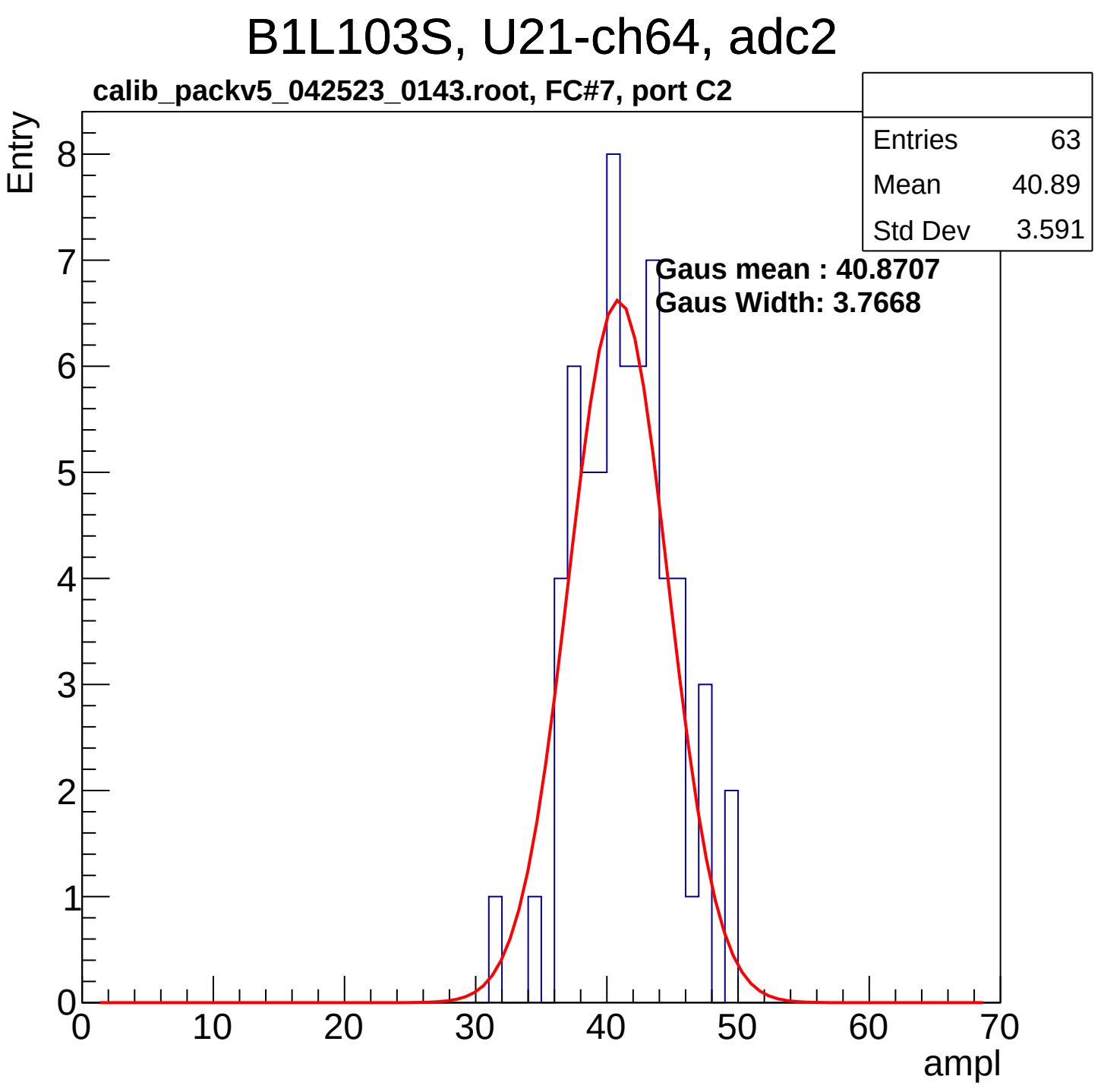
B1L103S, U21-ch64, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 40.89
Std Dev 3.591
Gaus mean : 40.8707
Gaus Width: 3.7668
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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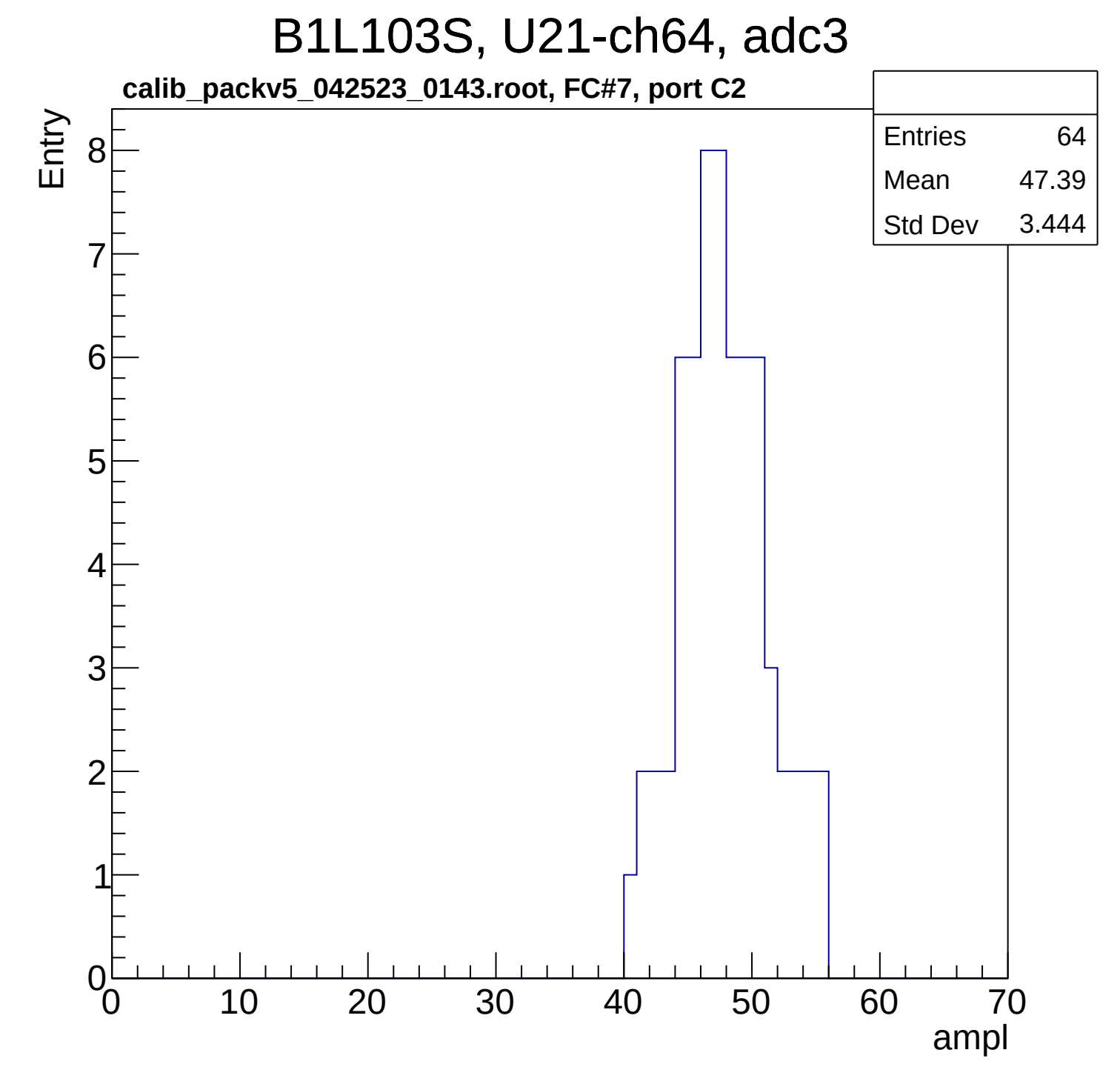
B1L103S, U21-ch64, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 47.39
Std Dev 3.444
Entry
ampl
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4
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60
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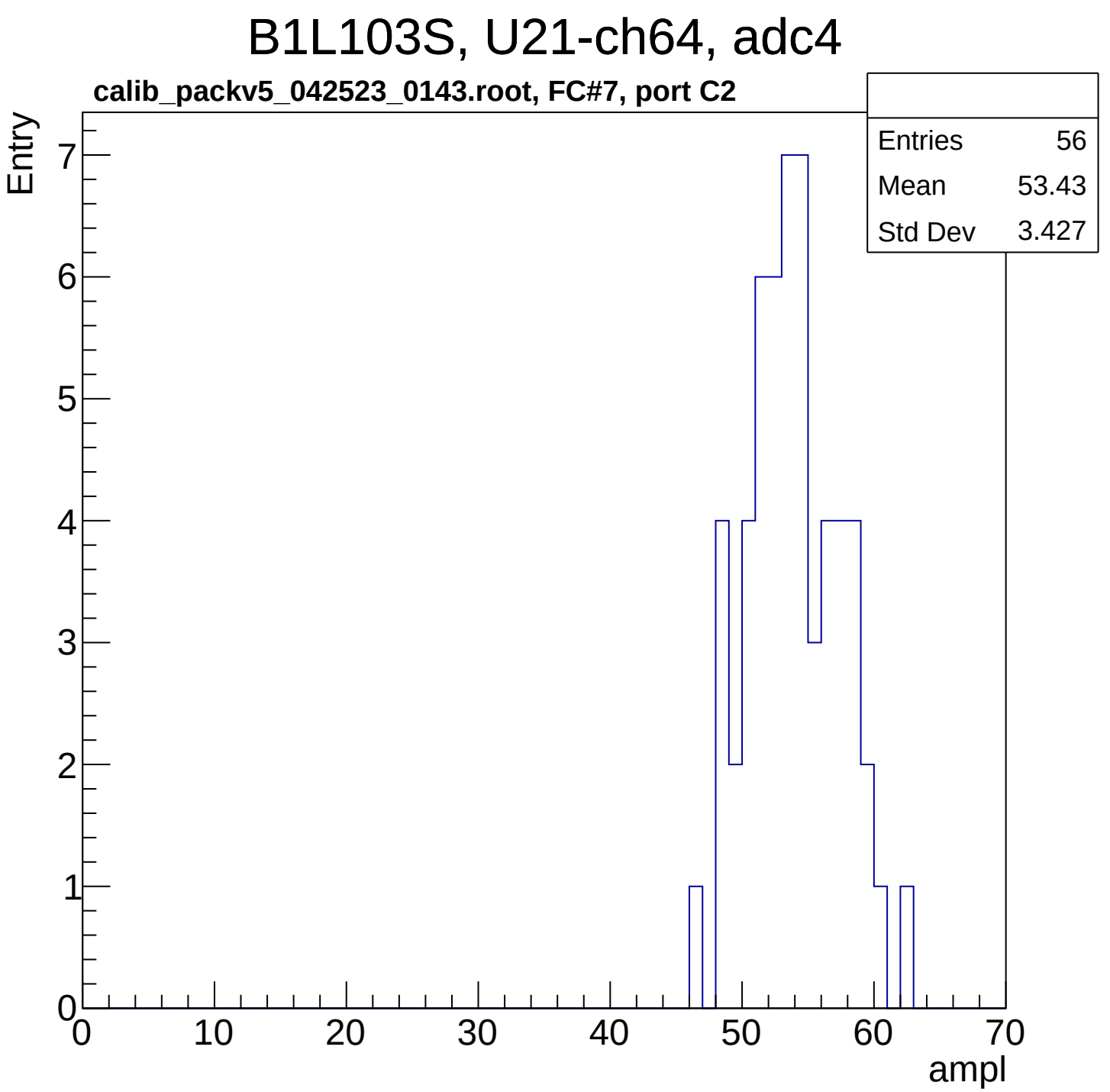
B1L103S, U21-ch64, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 53.43
Std Dev 3.427
Entry
ampl
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1
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3
4
5
6
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0
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40
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60
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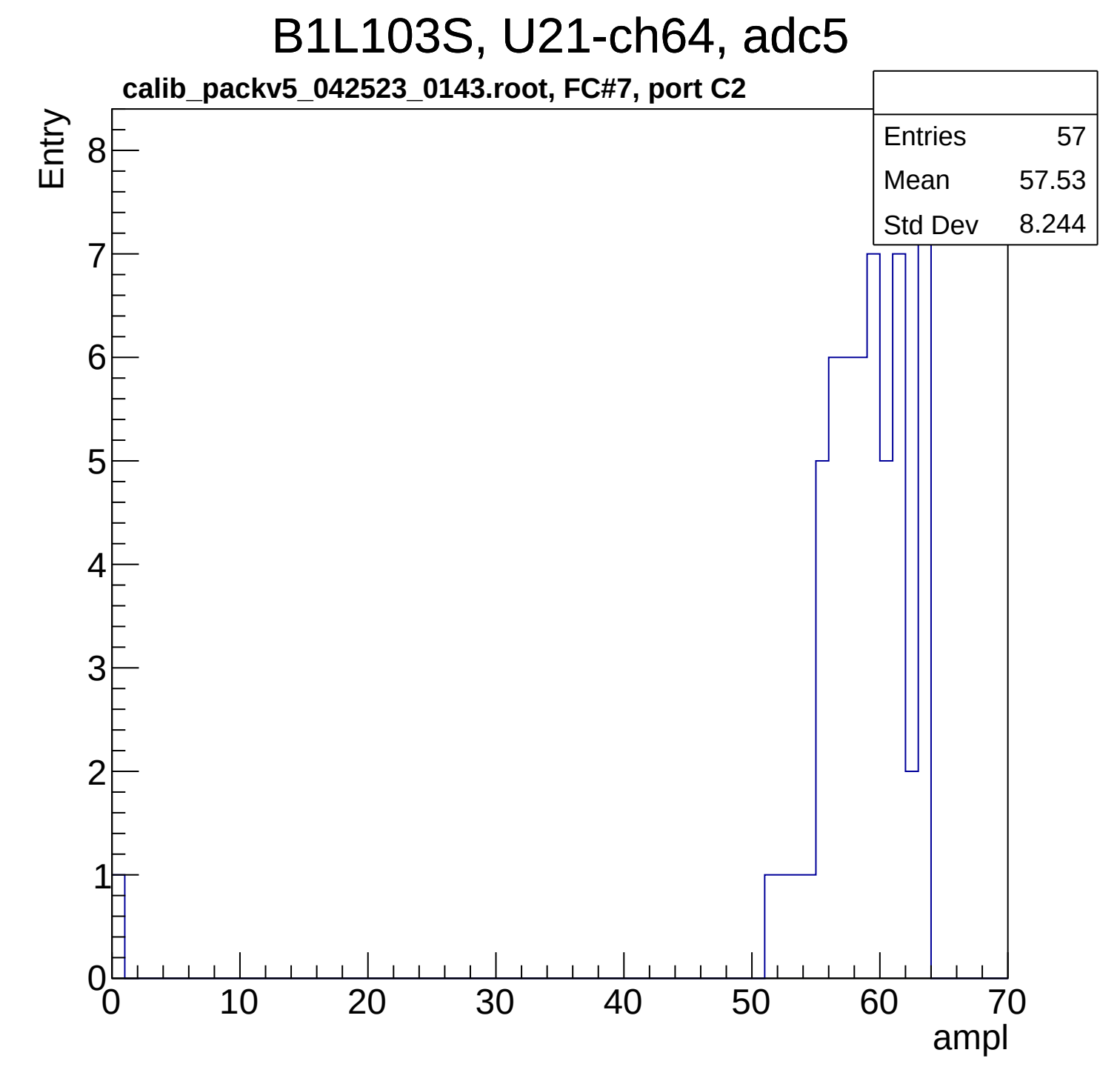
B1L103S, U21-ch64, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 57.53
Std Dev 8.244
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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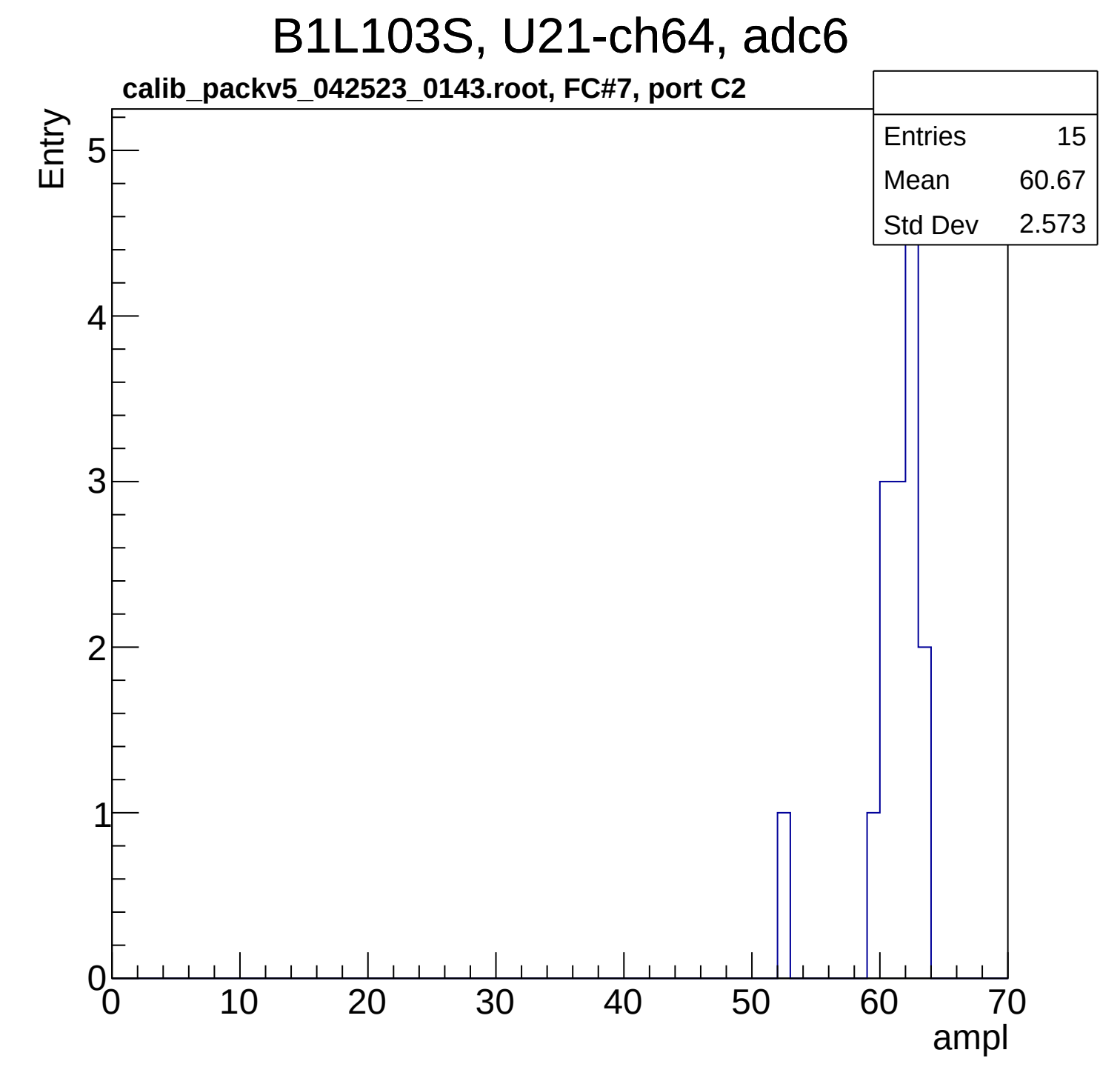
40
50
60
70


B1L103S, U21-ch64, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 15
Mean 60.67
Std Dev 2.573
Entry
ampl
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2
3
4
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0
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40
50
60
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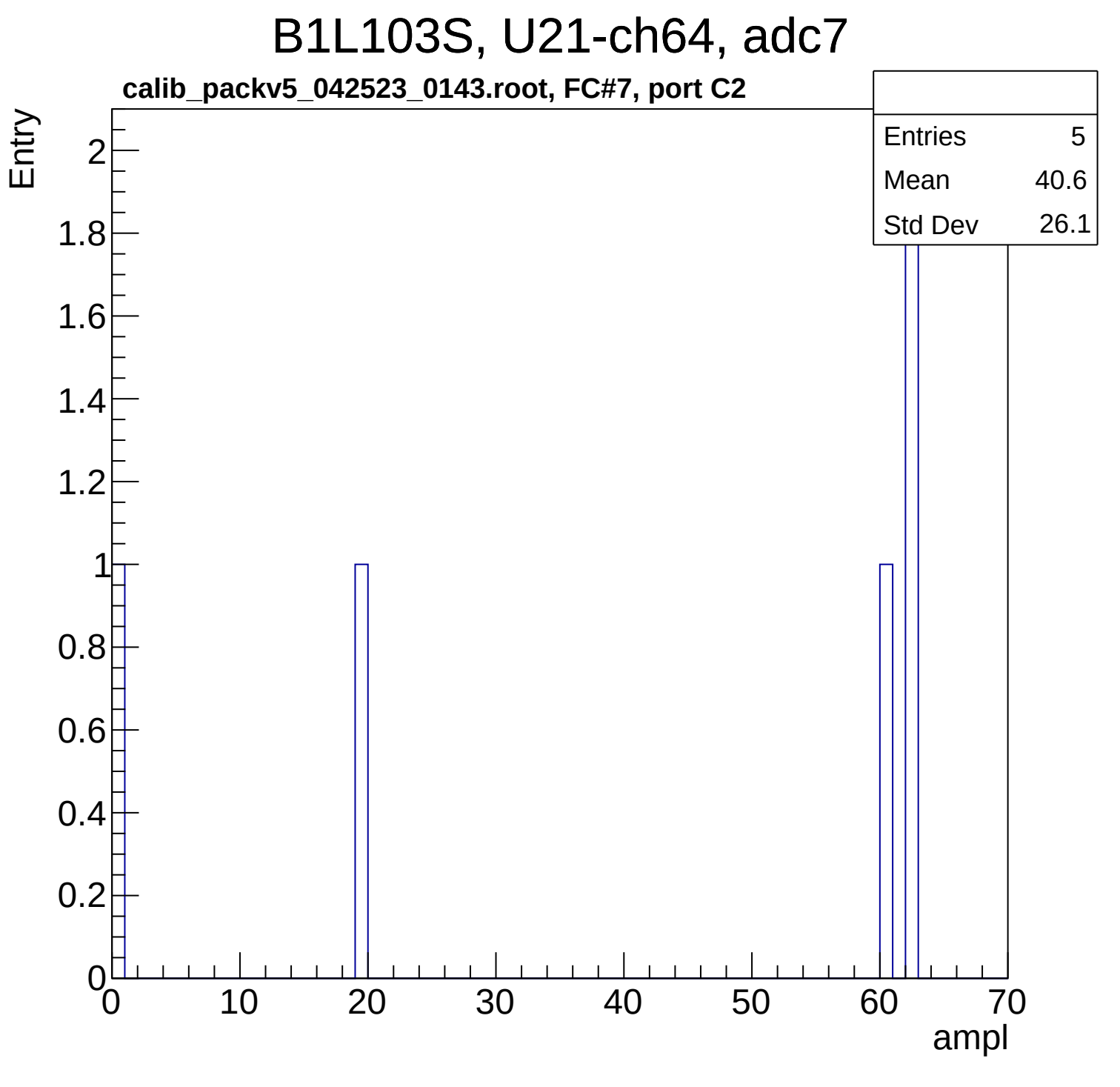
B1L103S, U21-ch64, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 40.6
Std Dev 26.1
Entry
ampl
0
0.2
0.4
0.6
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1.2
1.4
1.6
1.8
2
0
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60
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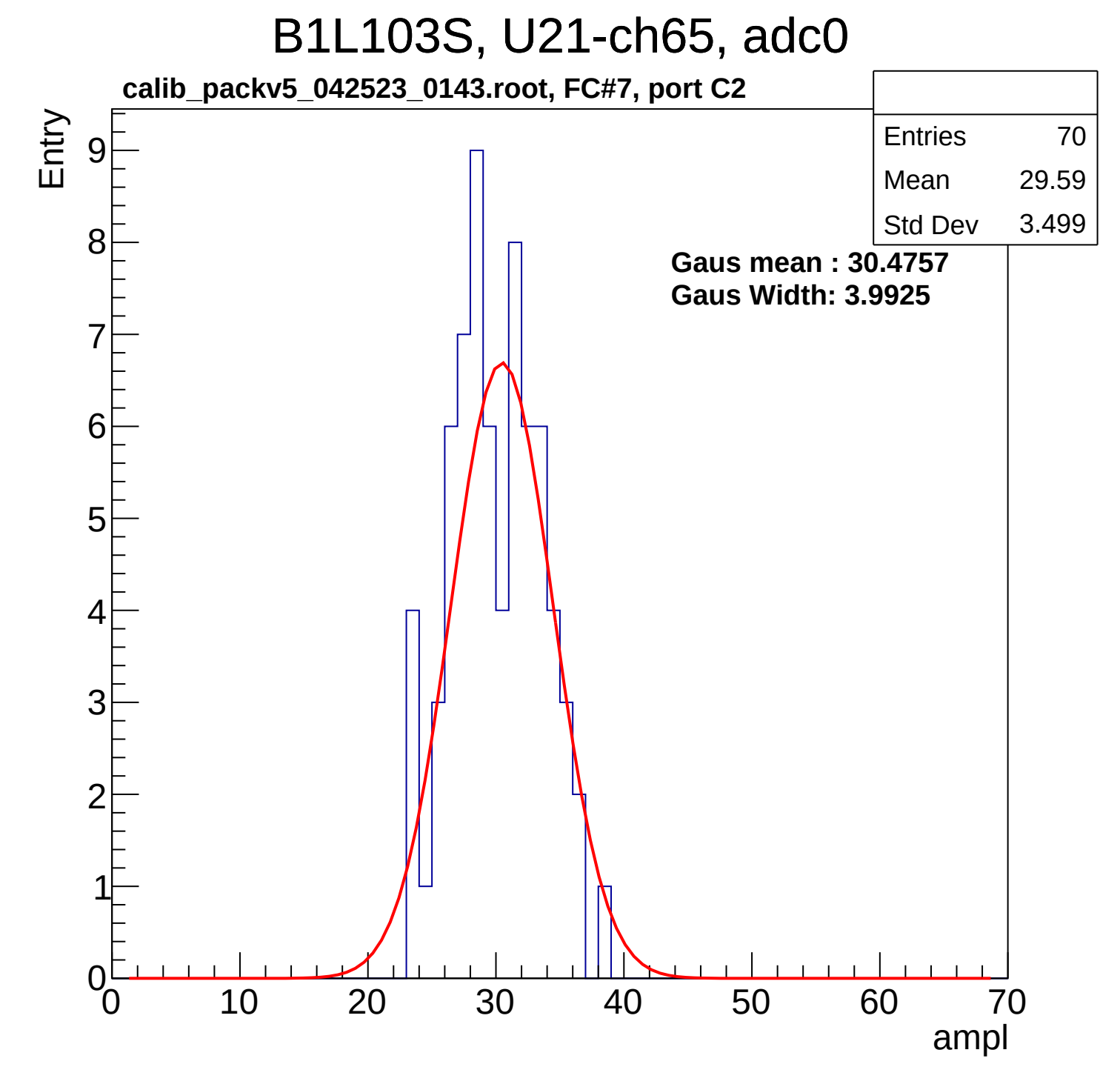
B1L103S, U21-ch65, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 29.59
Std Dev 3.499
Gaus mean : 30.4757
Gaus Width: 3.9925
Entry
ampl
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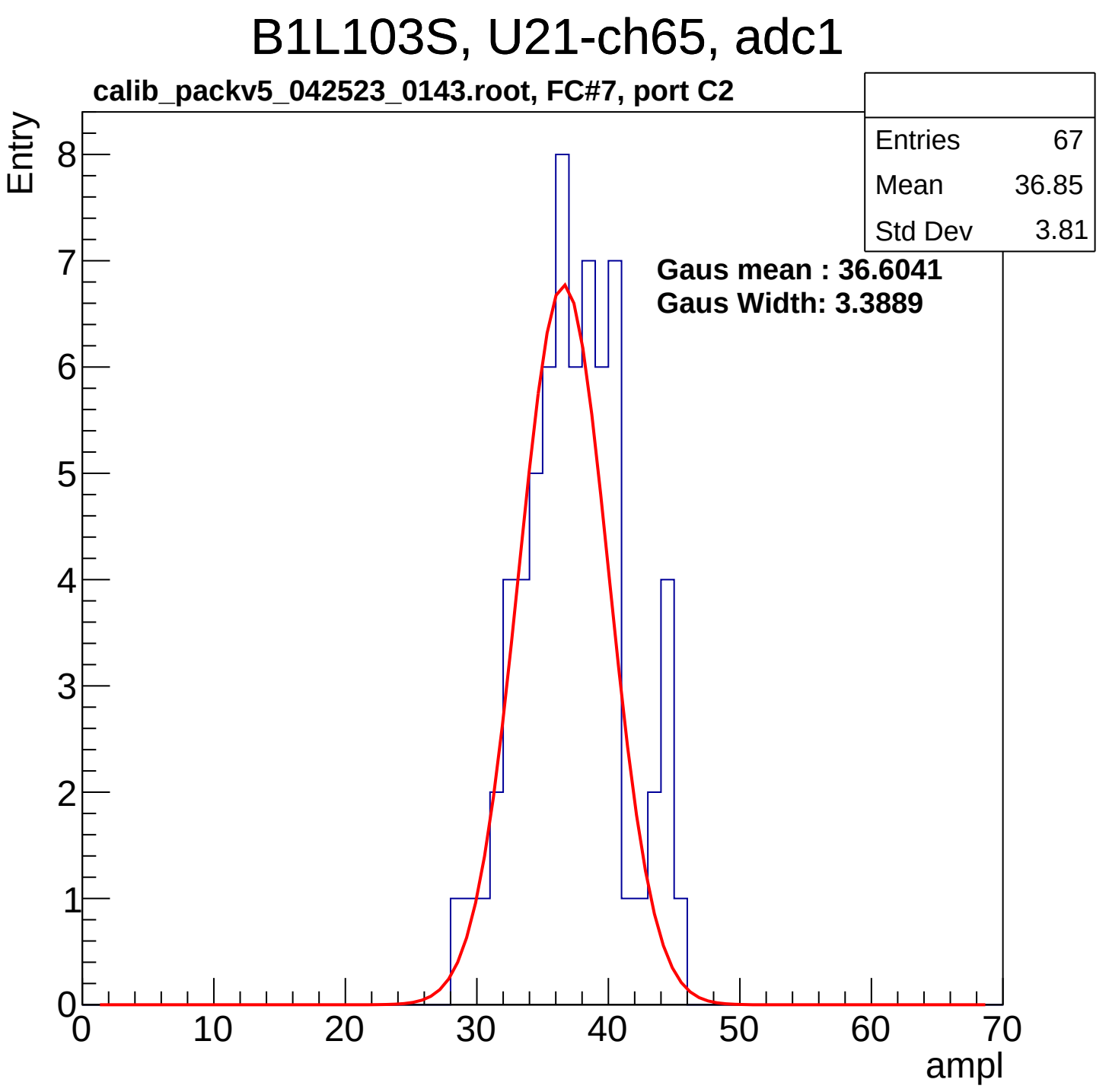
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch65, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 36.85
Std Dev 3.81
Gaus mean : 36.6041
Gaus Width: 3.3889
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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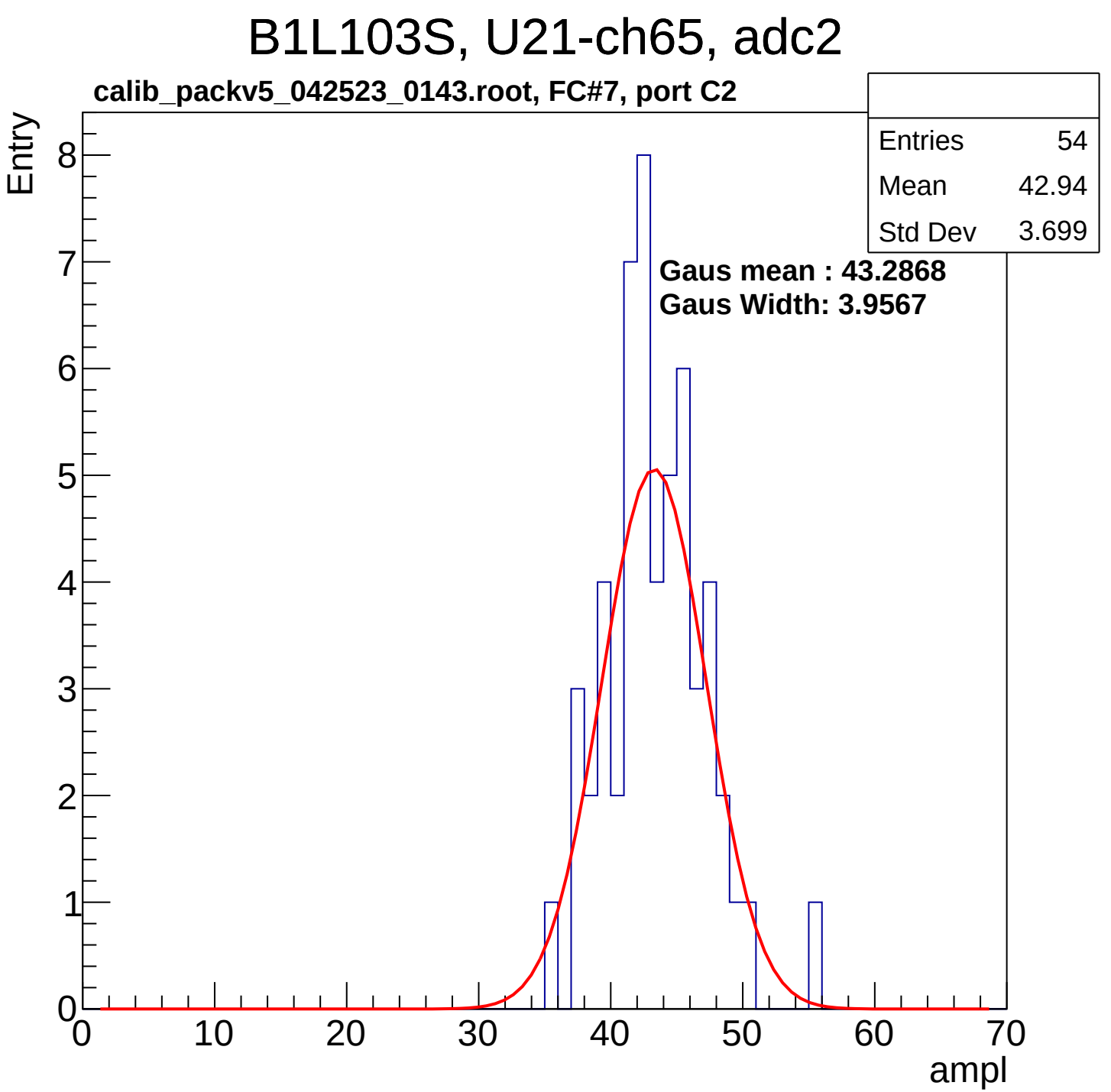
B1L103S, U21-ch65, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 42.94
Std Dev 3.699
Gaus mean : 43.2868
Gaus Width: 3.9567
Entry
ampl
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1
2
3
4
5
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7
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40
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60
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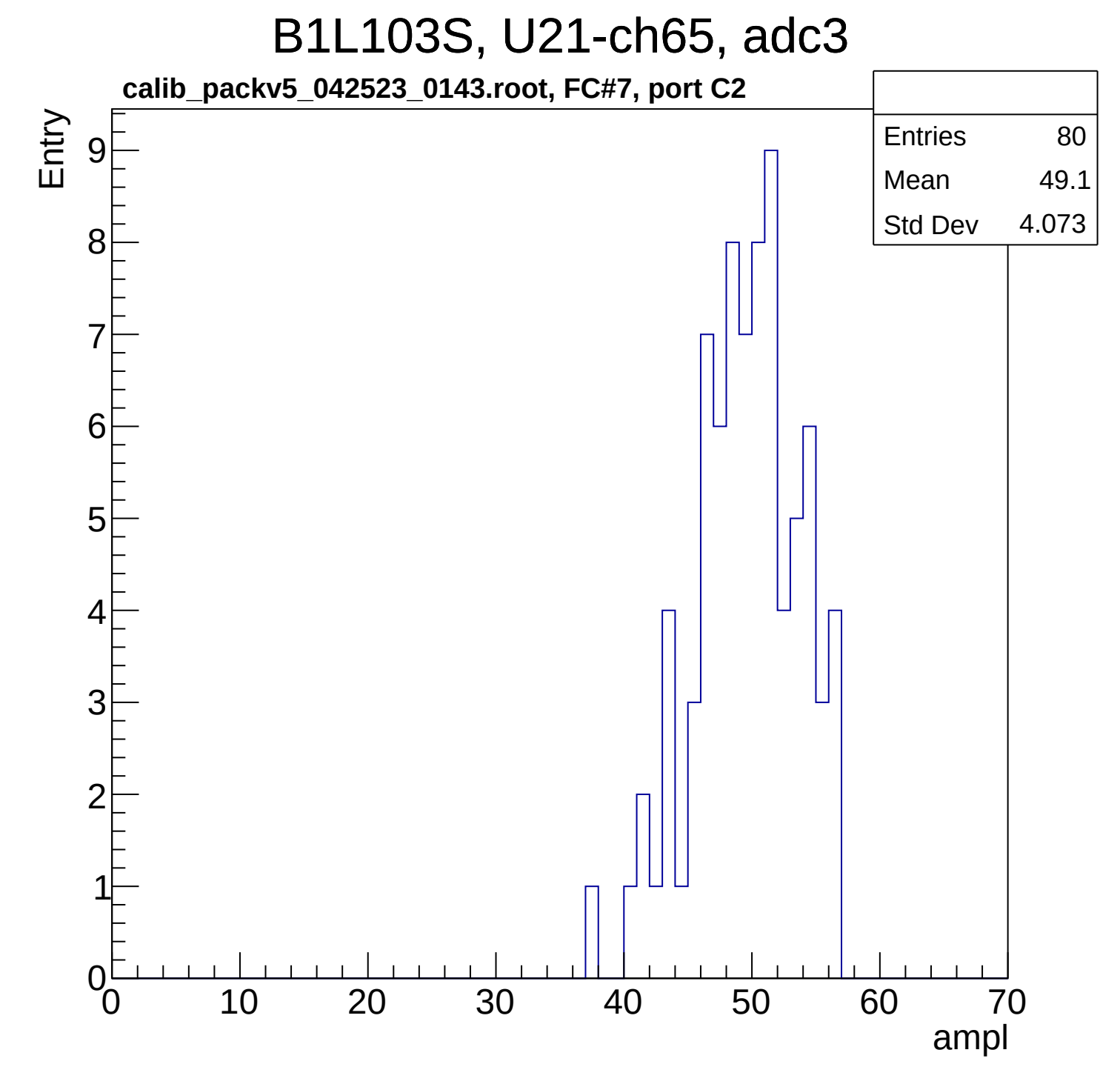
B1L103S, U21-ch65, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 80
Mean 49.1
Std Dev 4.073
Entry
ampl
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3
4
5
6
7
8
9
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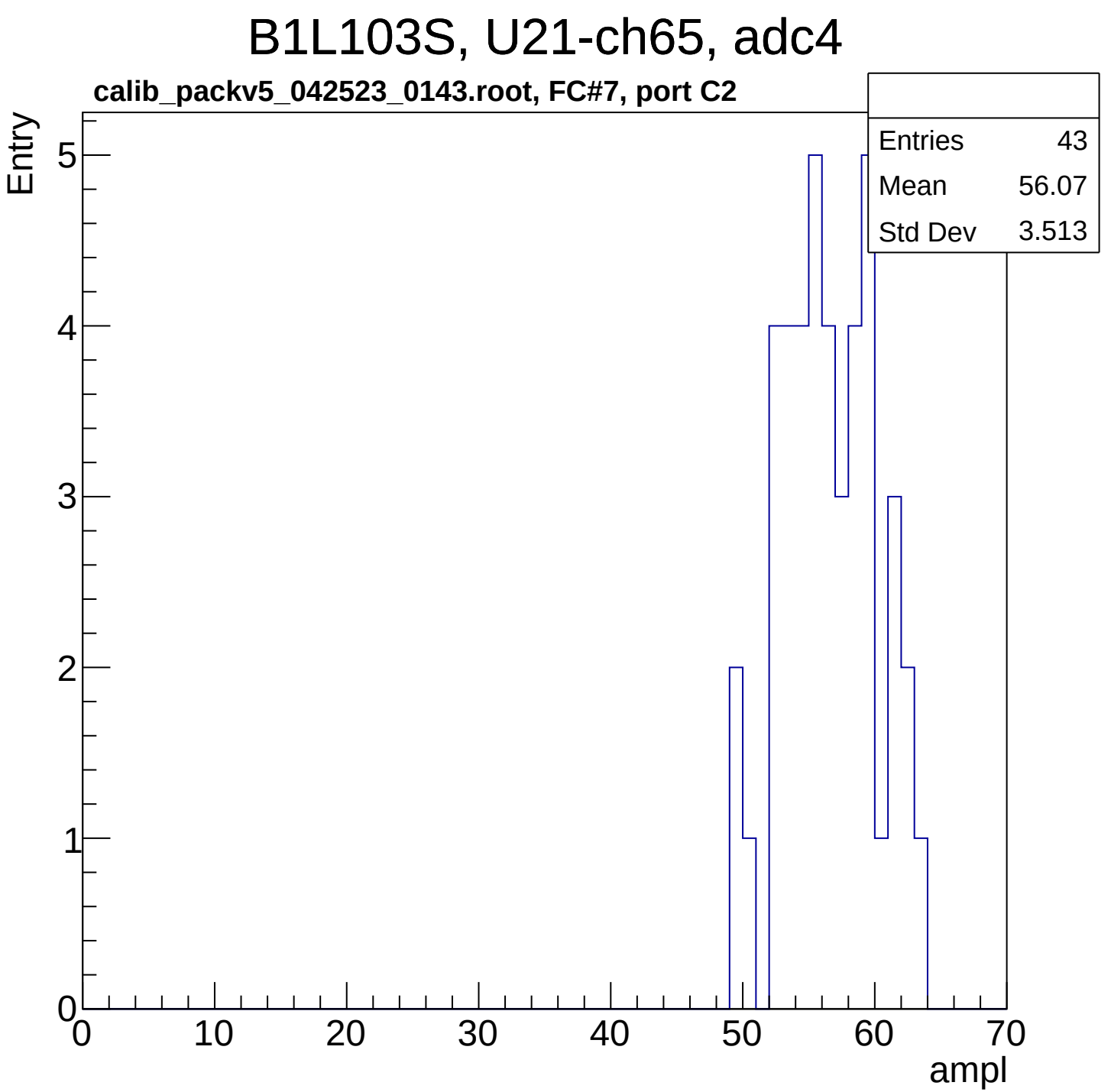
B1L103S, U21-ch65, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 43
Mean 56.07
Std Dev 3.513
Entry
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3
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10
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30
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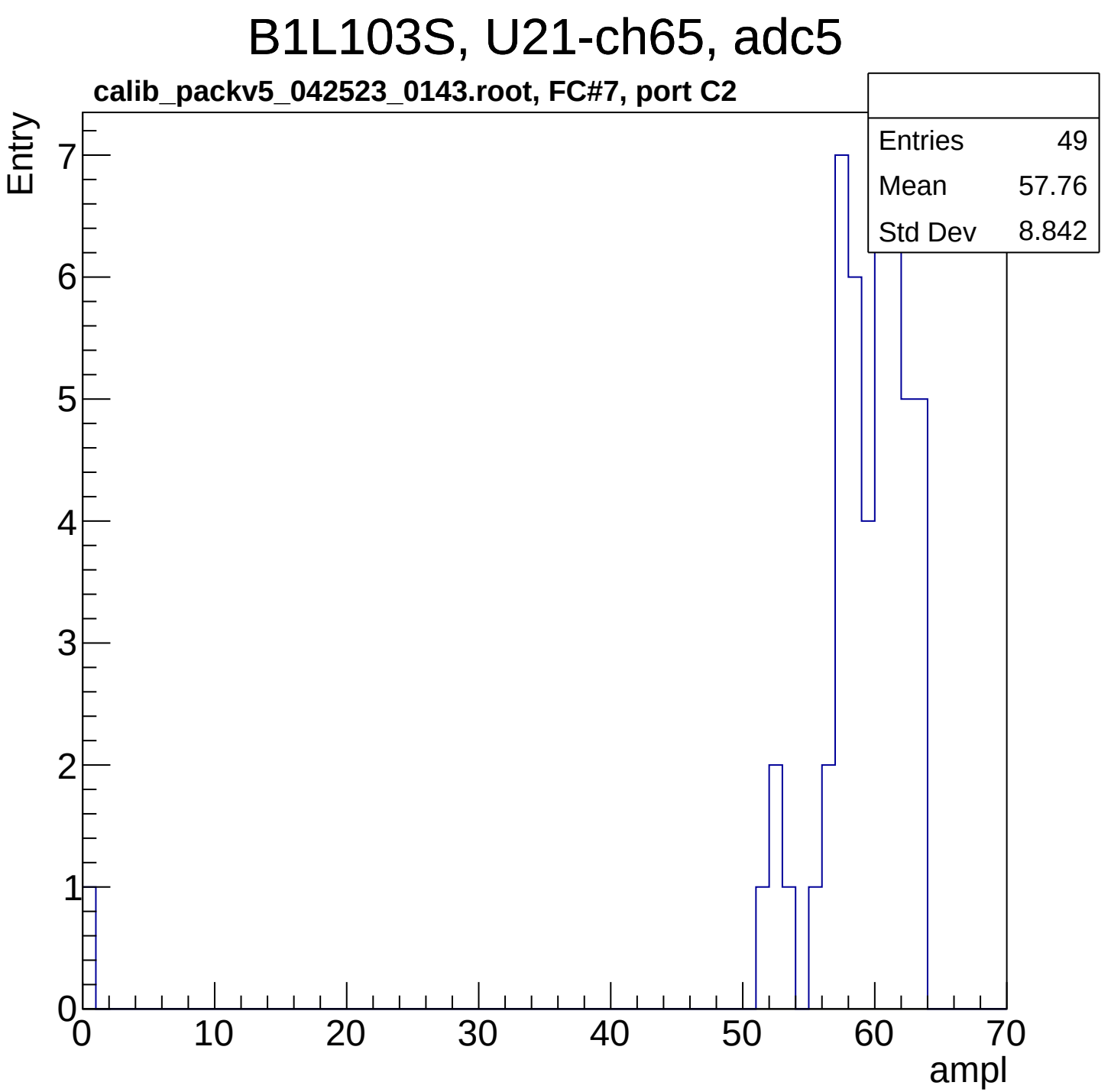
50
60
70
ampl


B1L103S, U21-ch65, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 57.76
Std Dev 8.842
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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60
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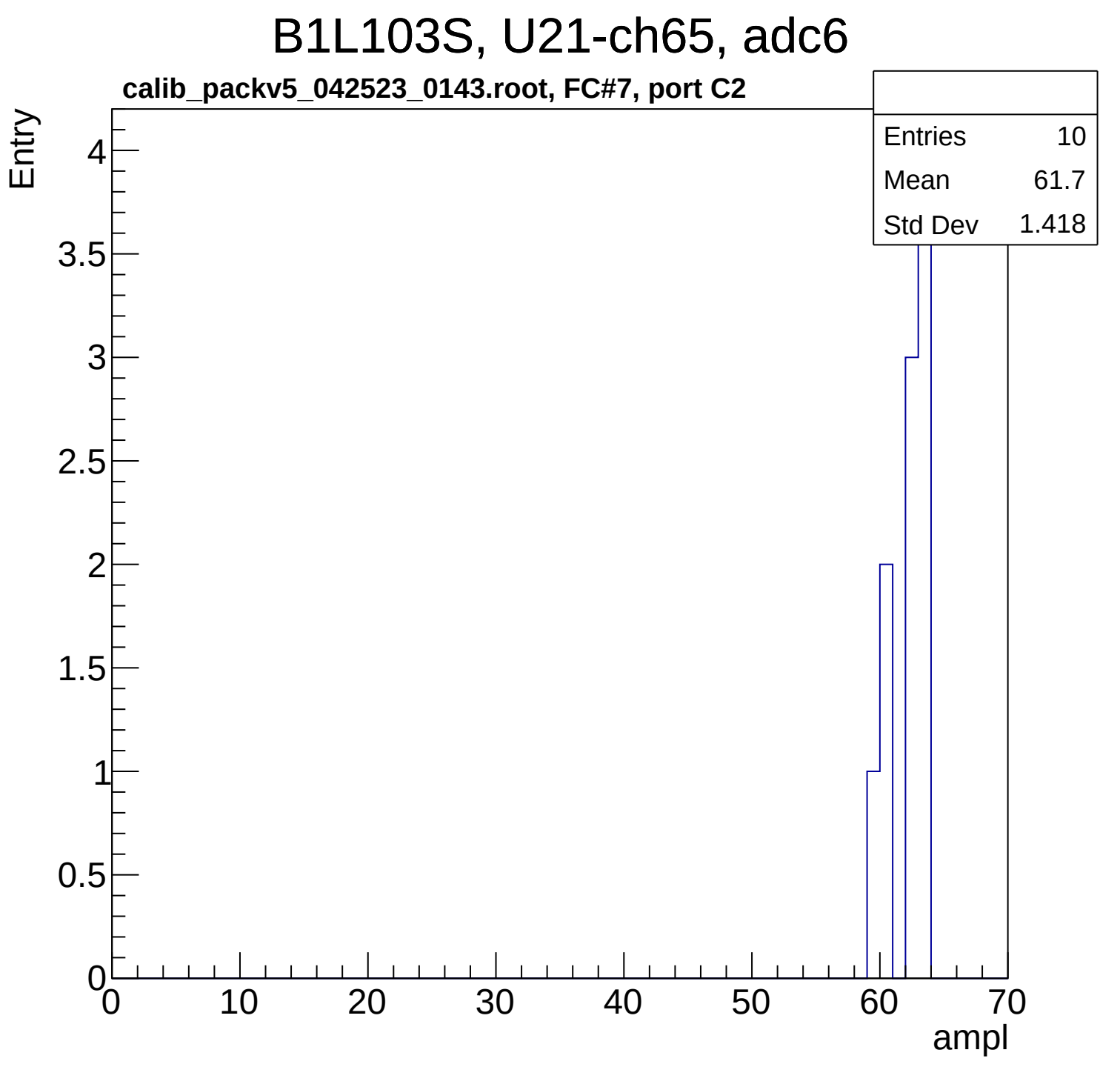
B1L103S, U21-ch65, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 10
Mean 61.7
Std Dev 1.418
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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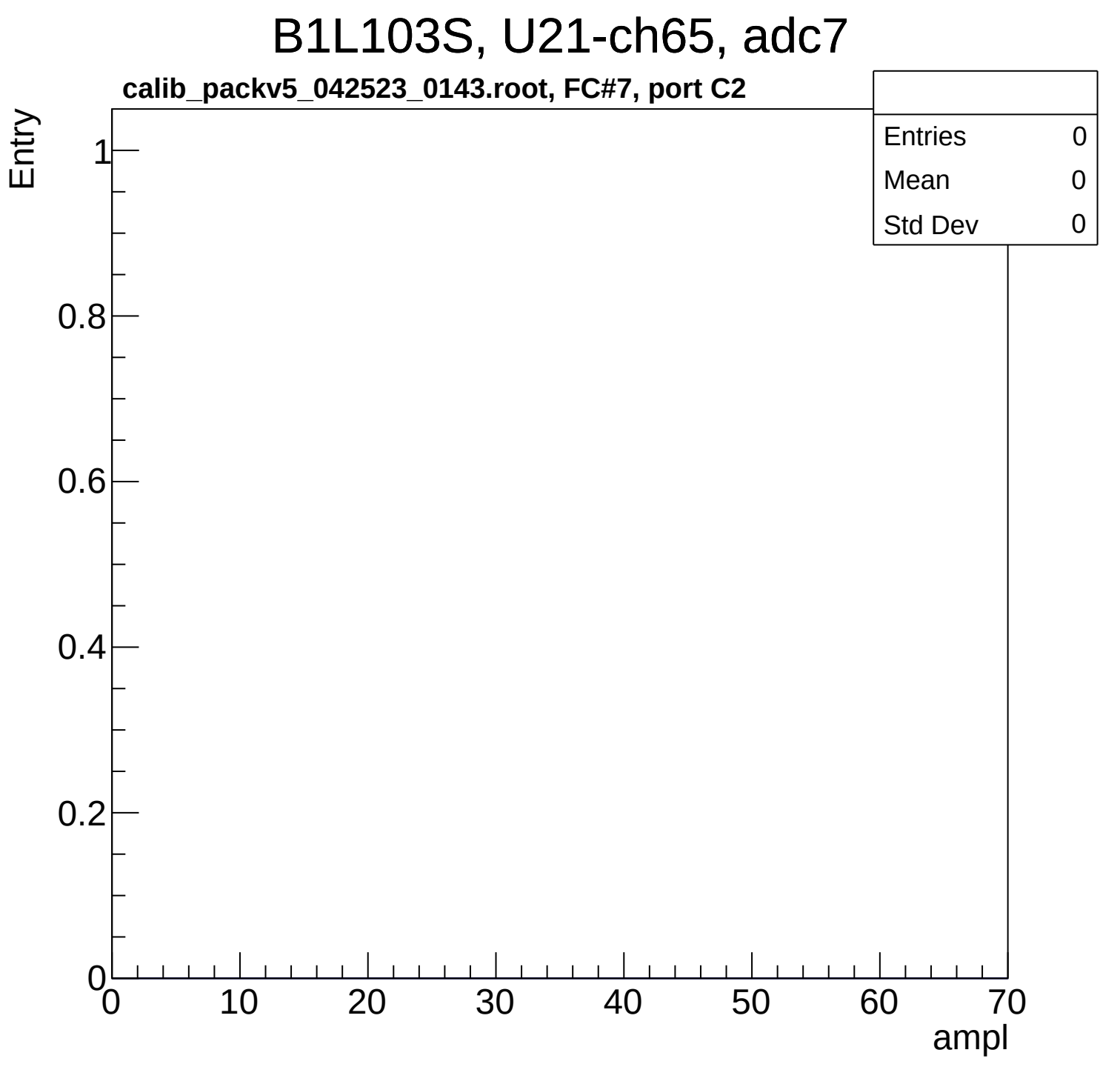
B1L103S, U21-ch65, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
1
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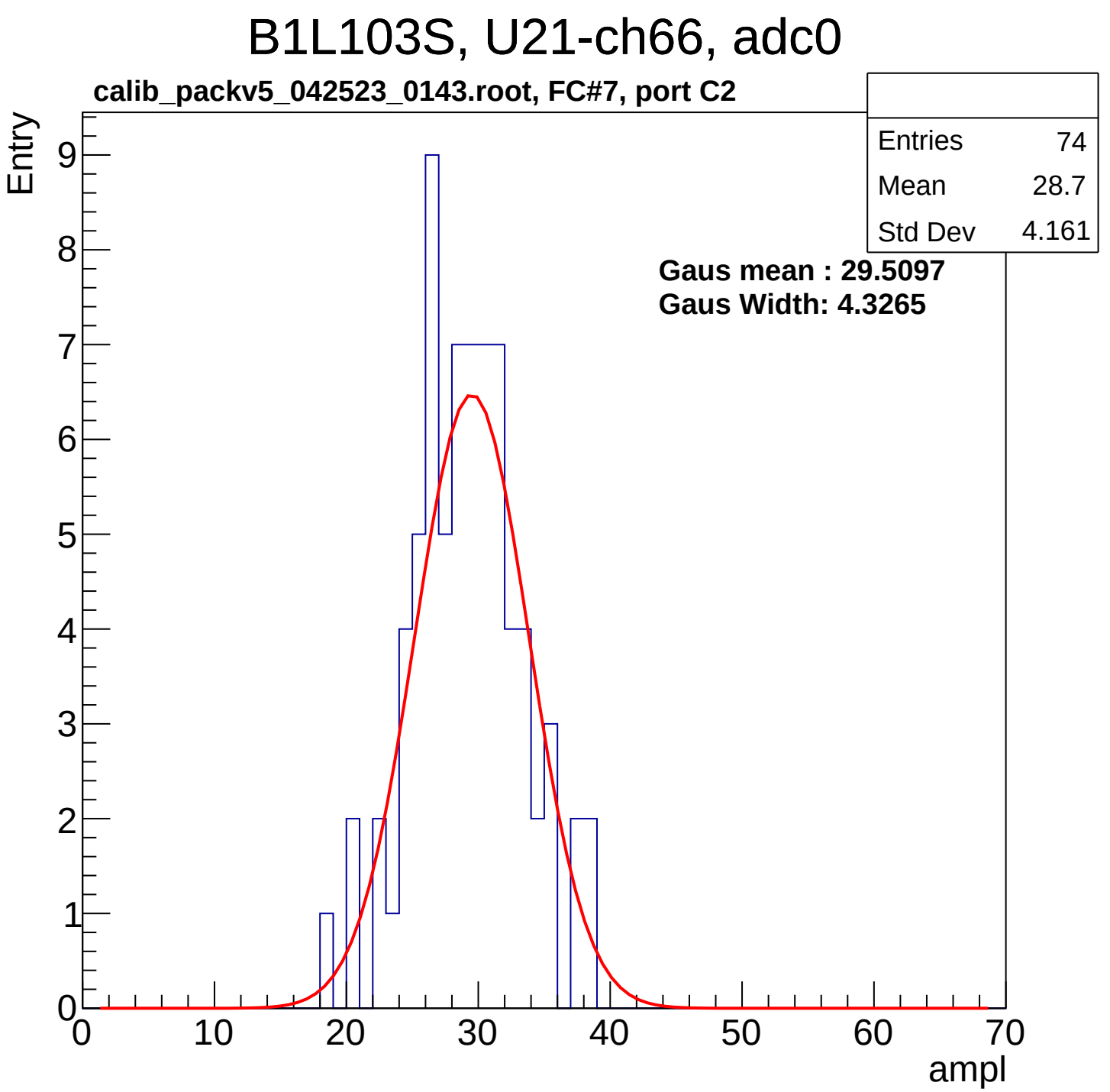
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch66, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 28.7
Std Dev 4.161
Gaus mean : 29.5097
Gaus Width: 4.3265
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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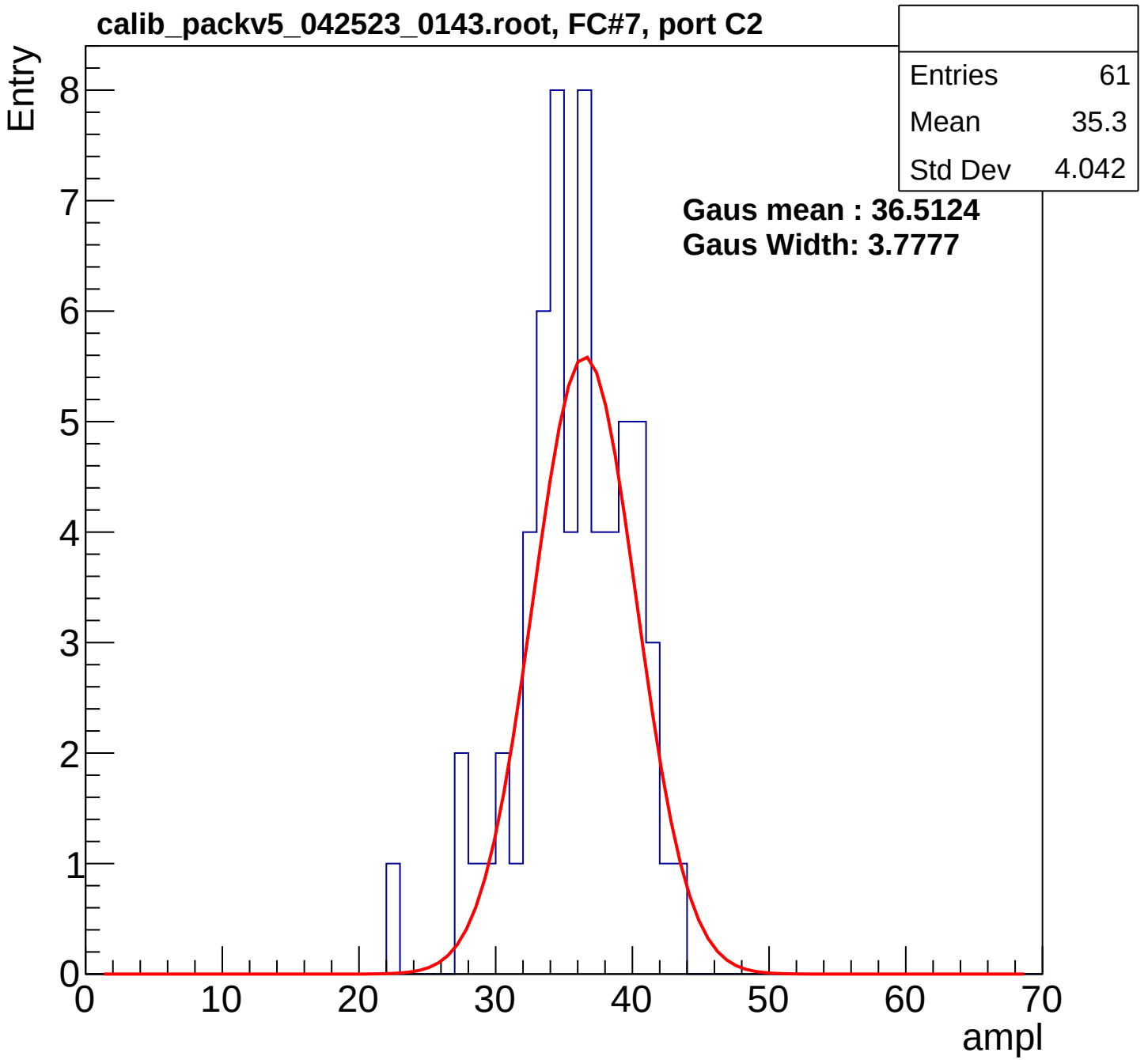
B1L103S, U21-ch66, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 35.3
Std Dev 4.042
Gaus mean : 36.5124
Gaus Width: 3.7777
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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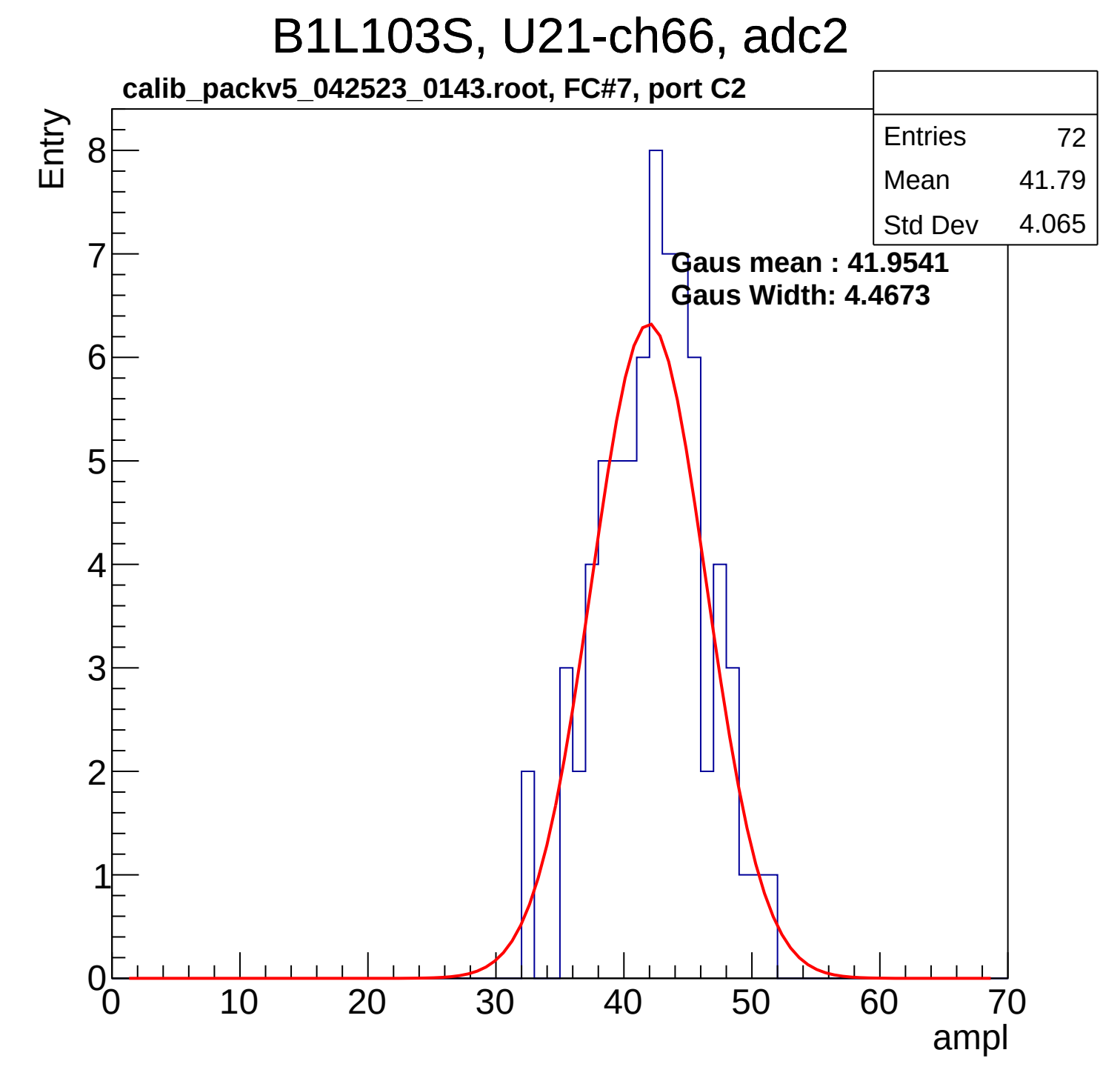
B1L103S, U21-ch66, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 41.79
Std Dev 4.065
Gaus mean : 41.9541
Gaus Width: 4.4673
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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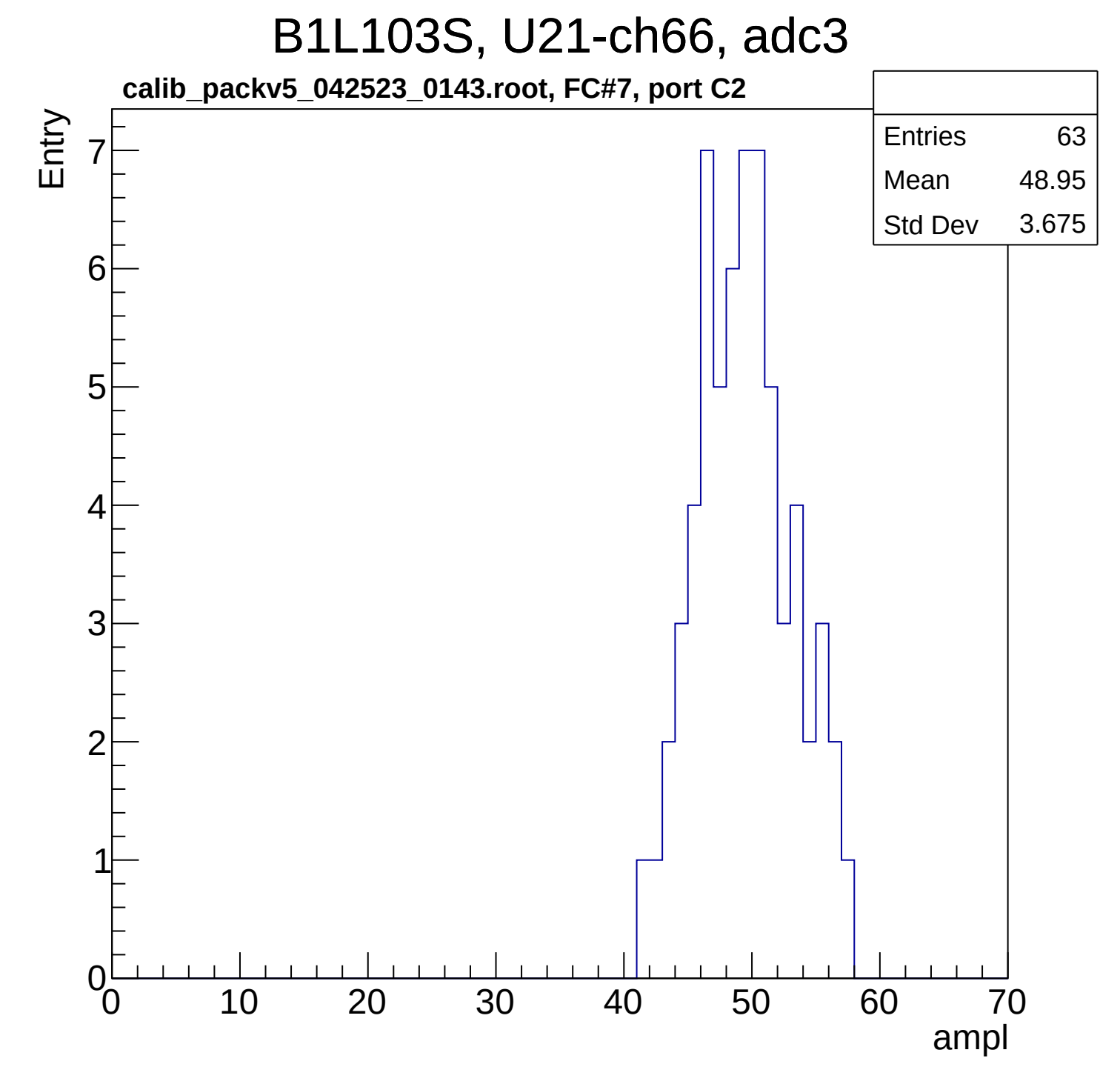
B1L103S, U21-ch66, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 48.95
Std Dev 3.675
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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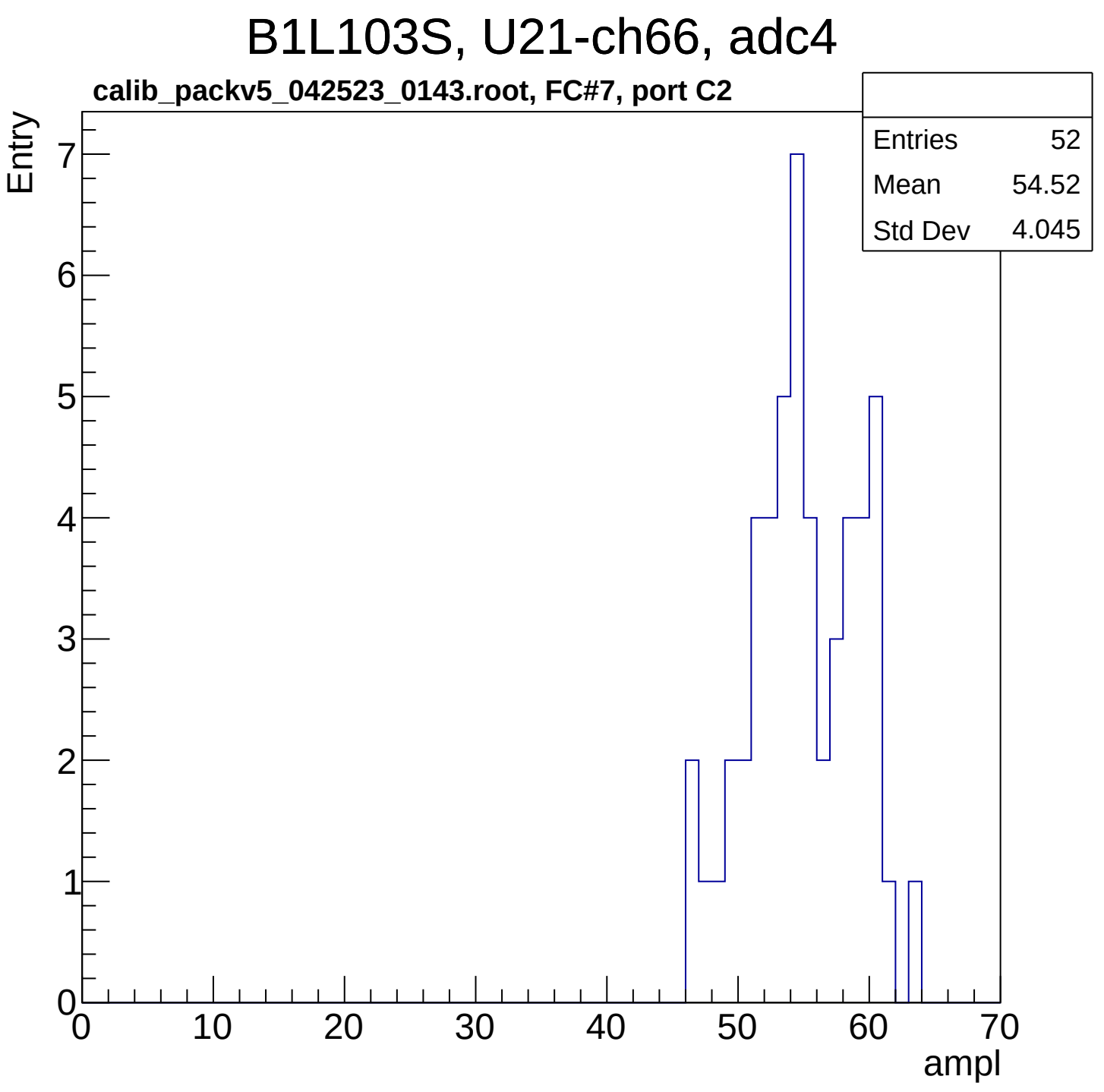
B1L103S, U21-ch66, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 52
Mean 54.52
Std Dev 4.045
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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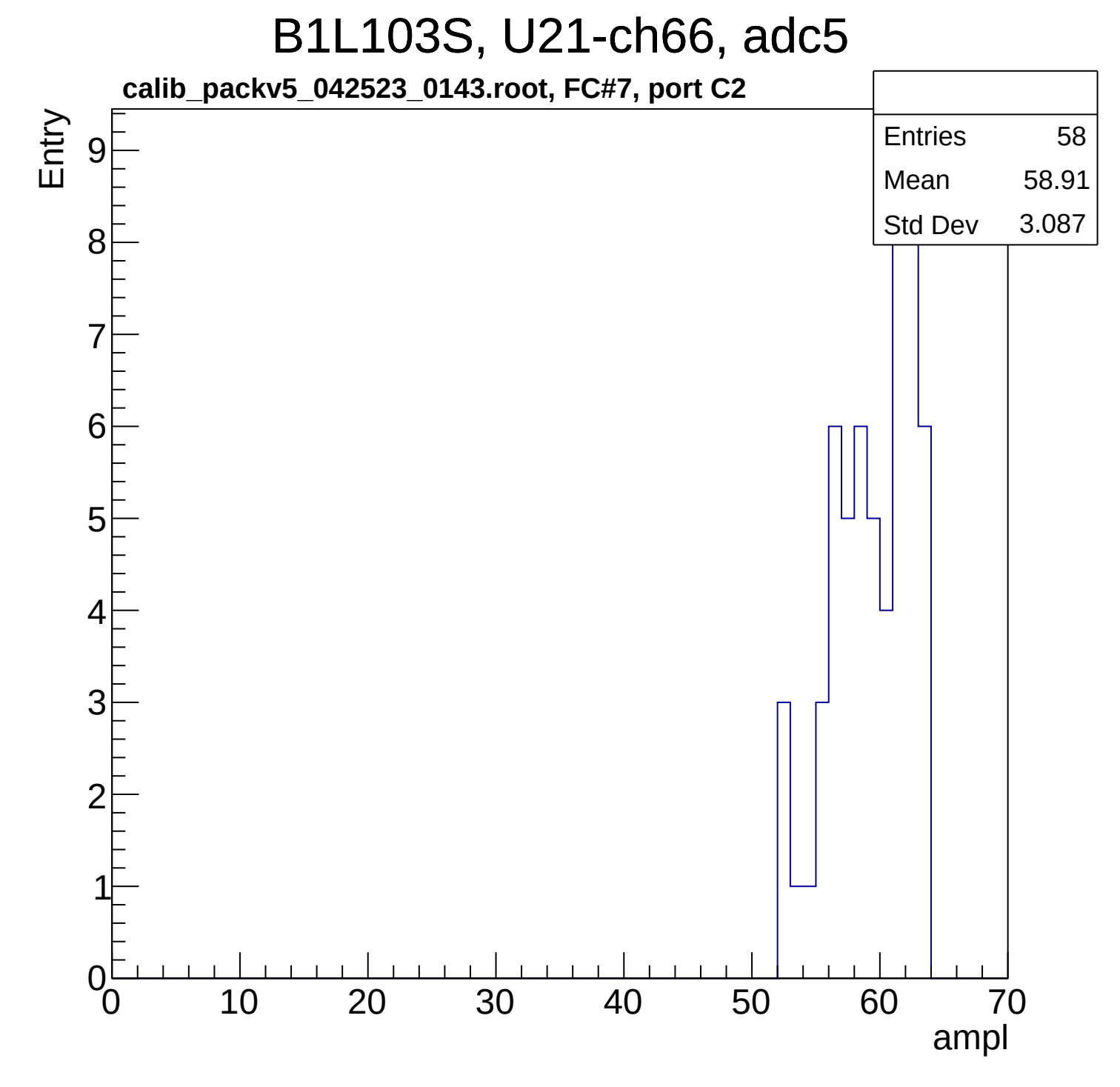
B1L103S, U21-ch66, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 58.91
Std Dev 3.087
Entry
ampl
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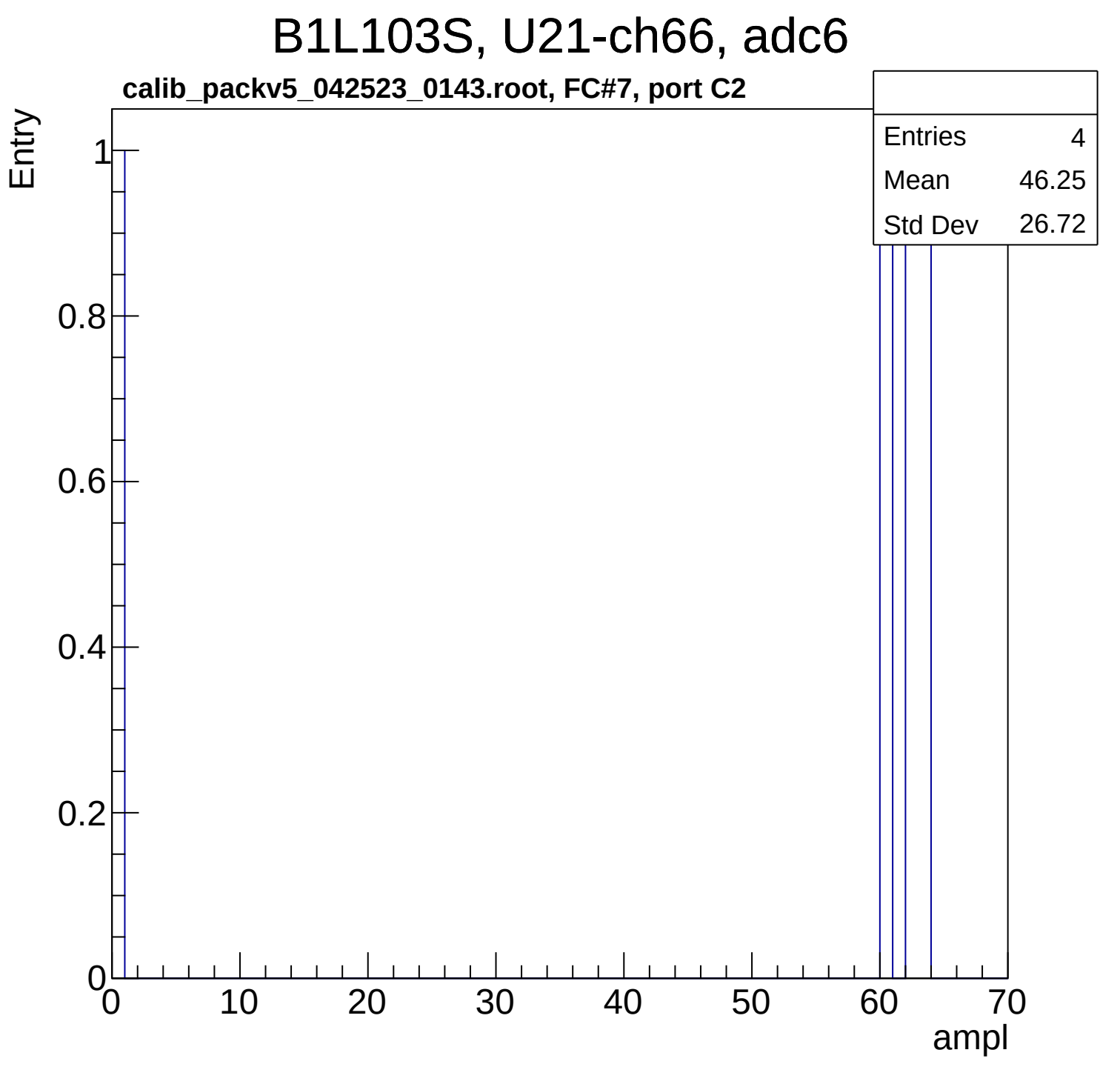
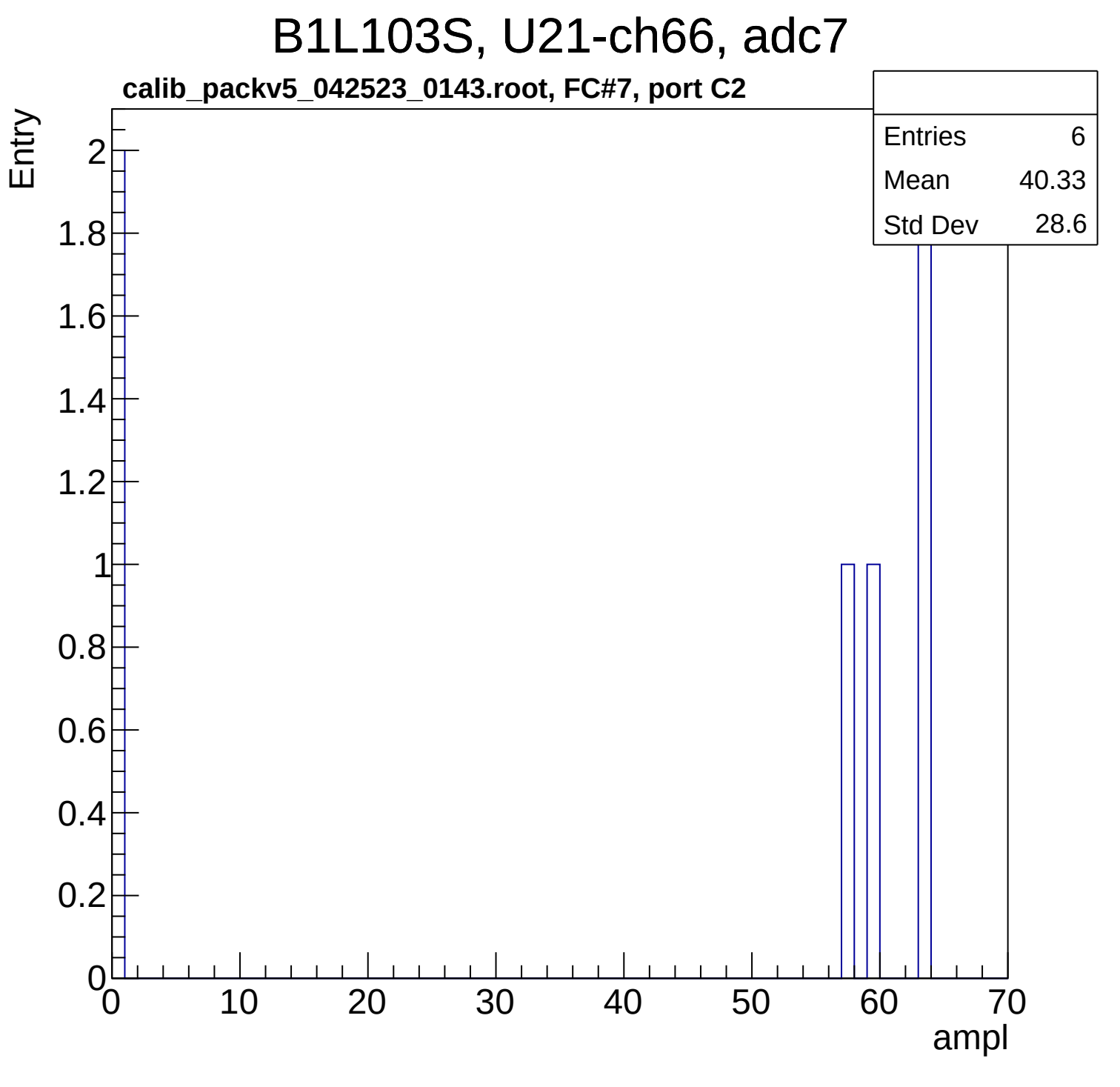
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch66, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 4
Mean 46.25
Std Dev 26.72
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch66, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 6
Mean 40.33
Std Dev 28.6
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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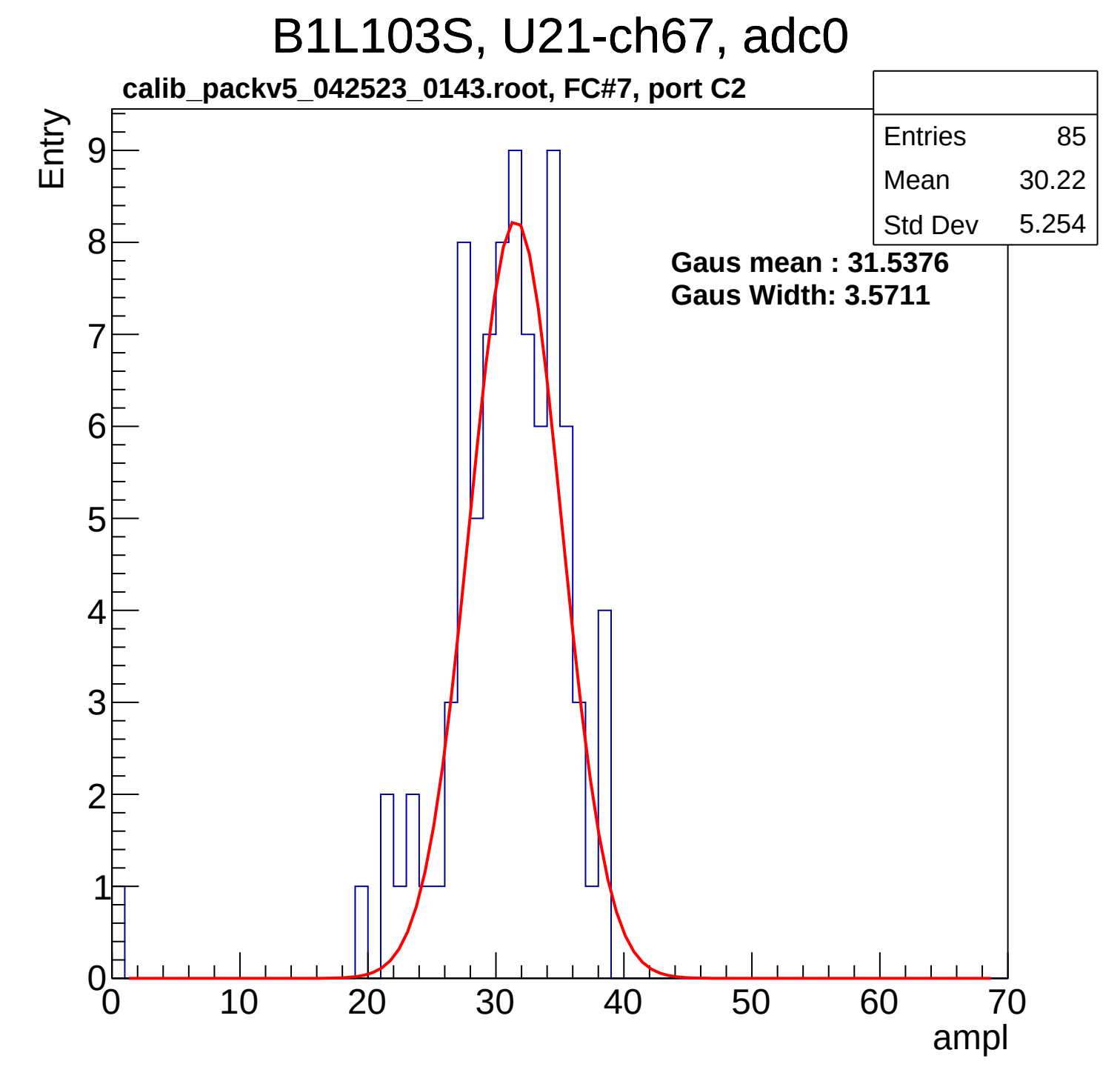
B1L103S, U21-ch67, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 85
Mean 30.22
Std Dev 5.254
Gaus mean : 31.5376
Gaus Width: 3.5711
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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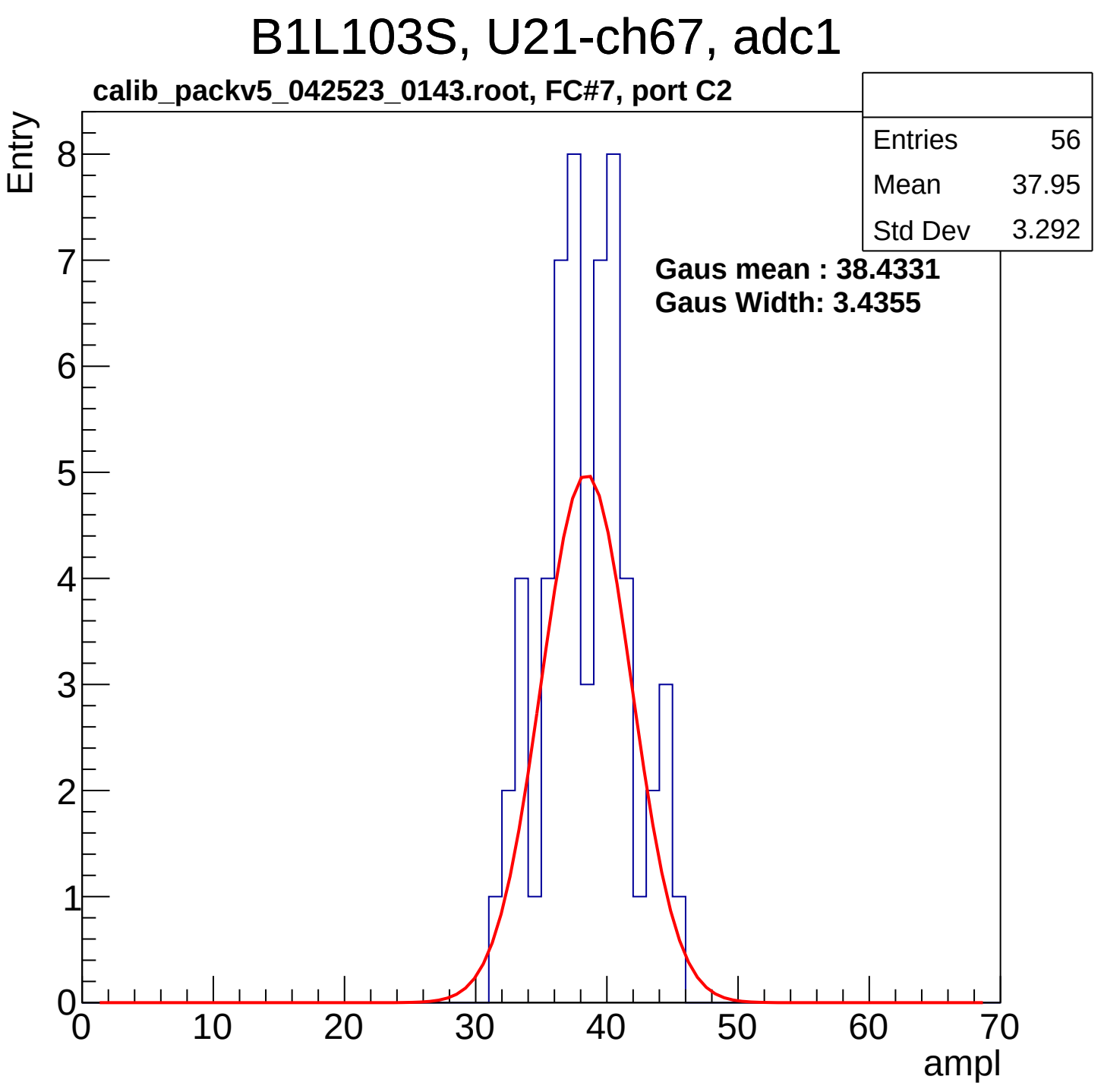
B1L103S, U21-ch67, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 37.95
Std Dev 3.292
Gaus mean : 38.4331
Gaus Width: 3.4355
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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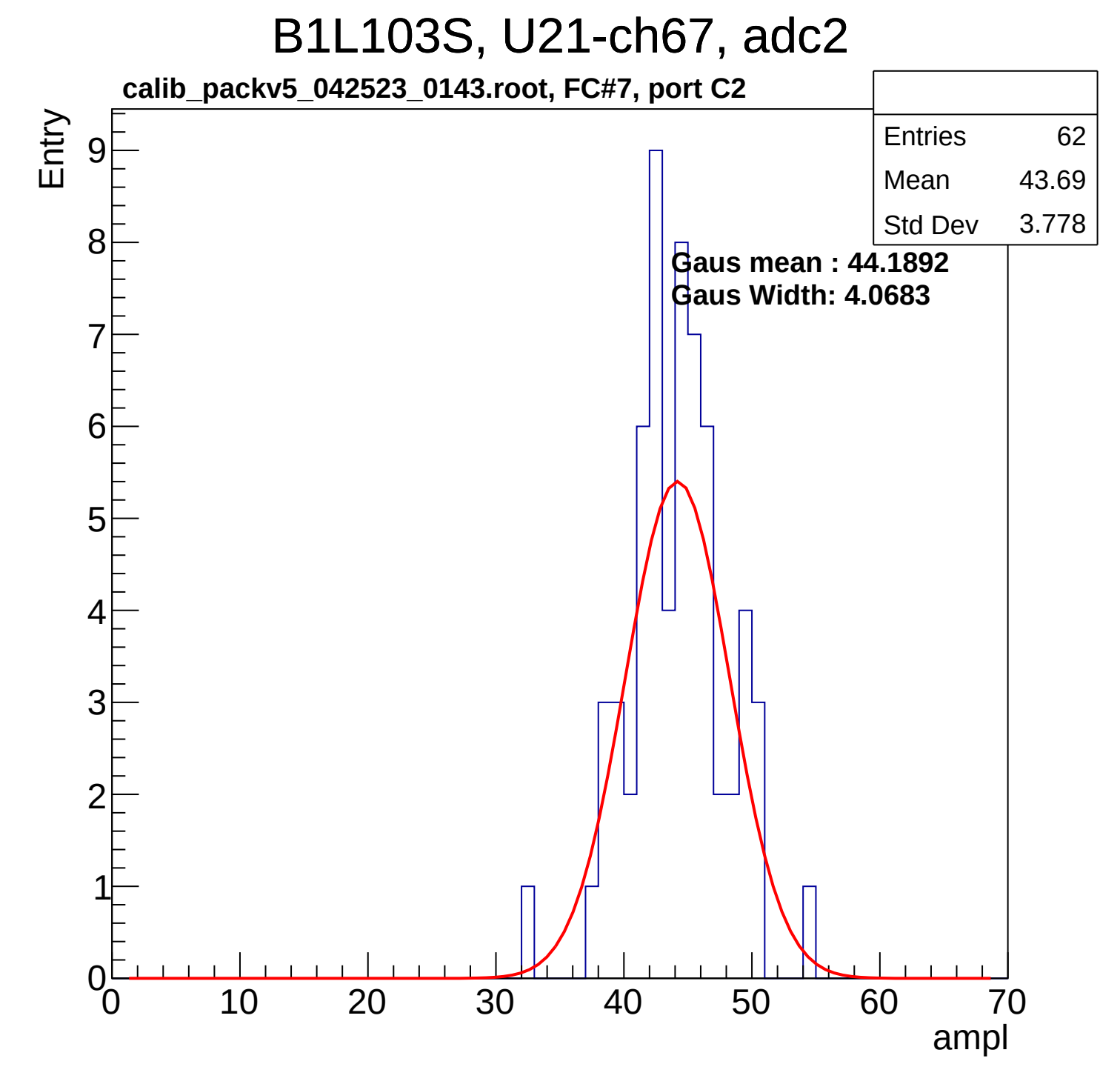
B1L103S, U21-ch67, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 43.69
Std Dev 3.778
Gaus mean : 44.1892
Gaus Width: 4.0683
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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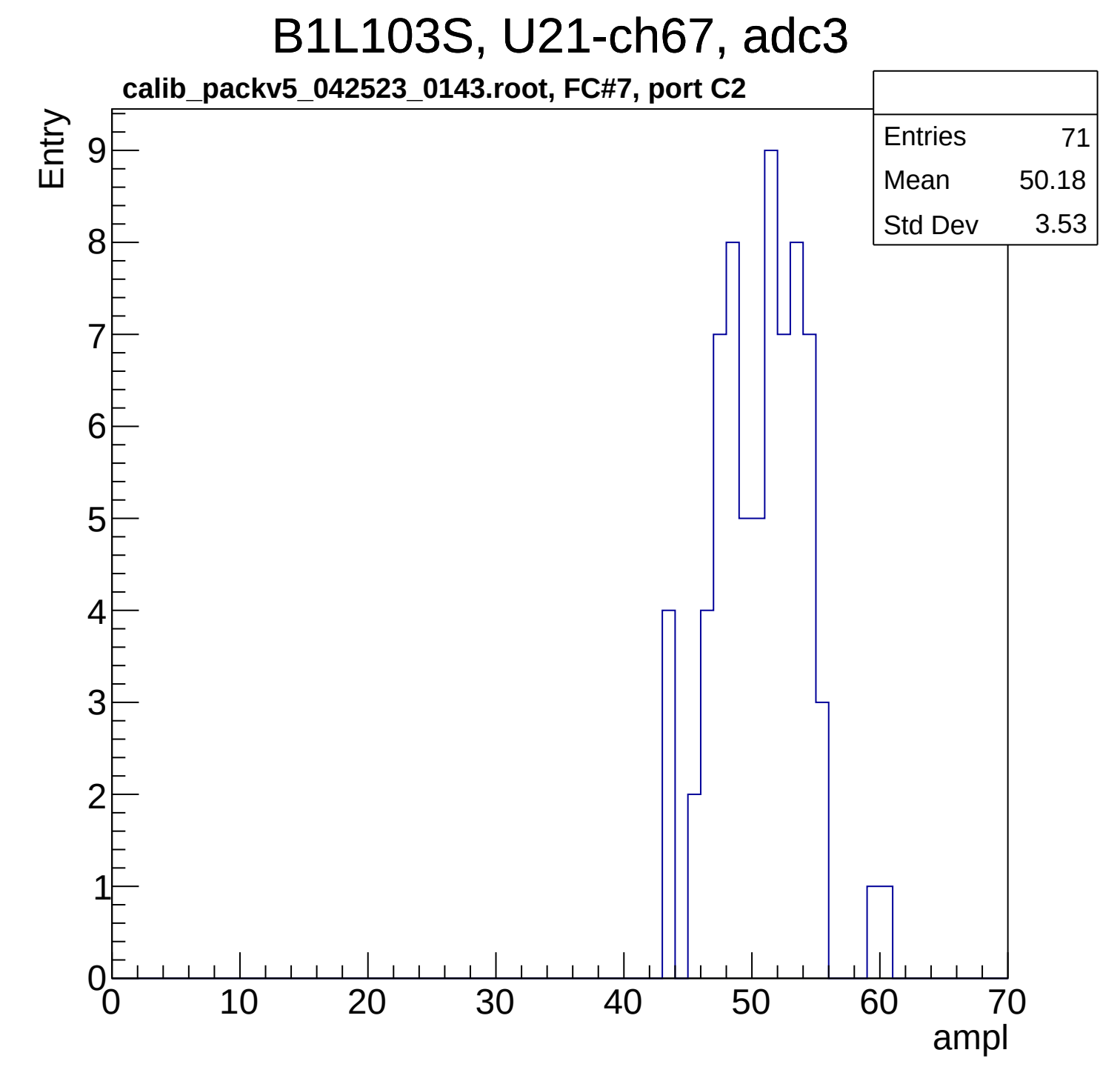
B1L103S, U21-ch67, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 50.18
Std Dev 3.53
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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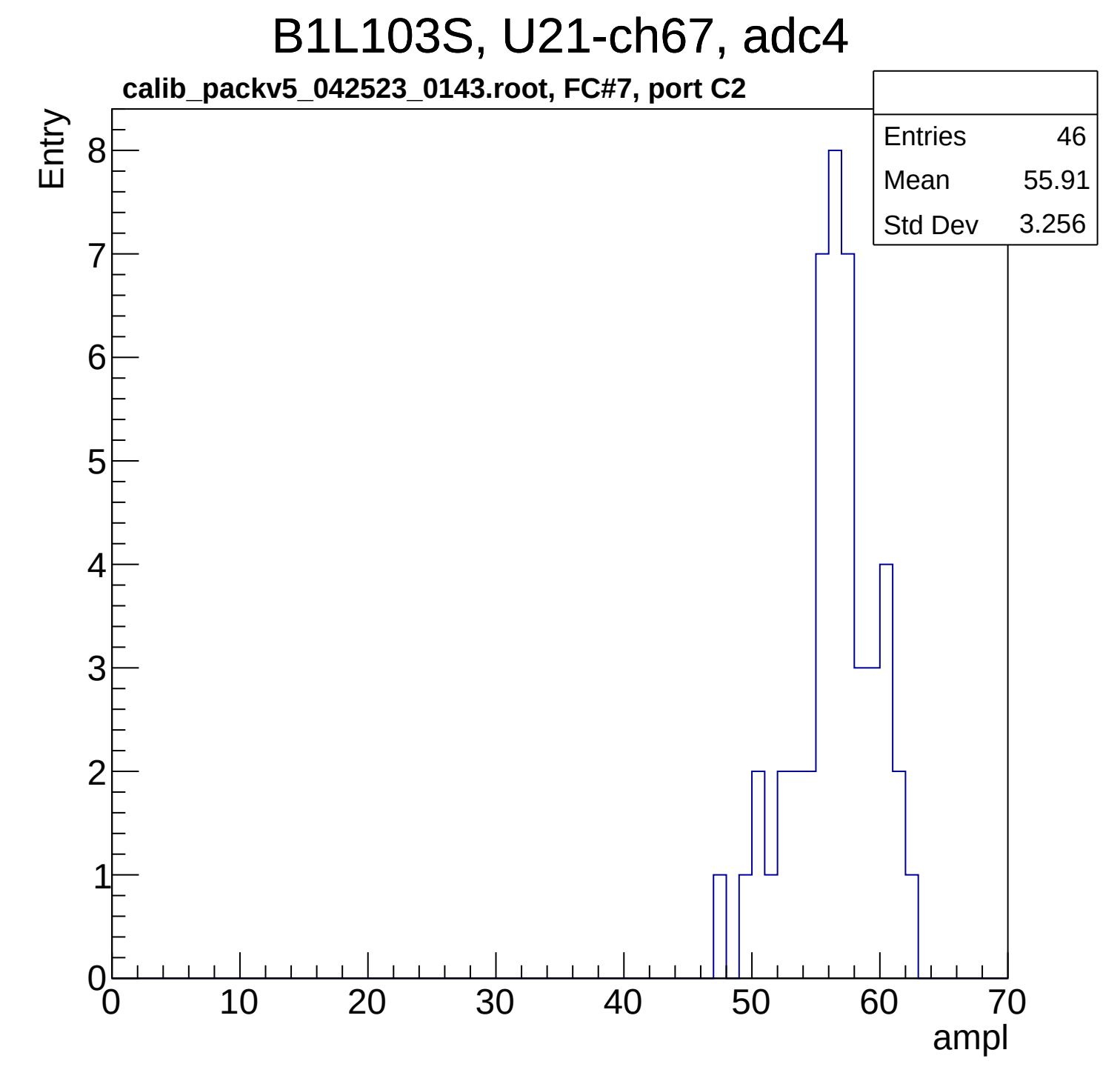
B1L103S, U21-ch67, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 46
Mean 55.91
Std Dev 3.256
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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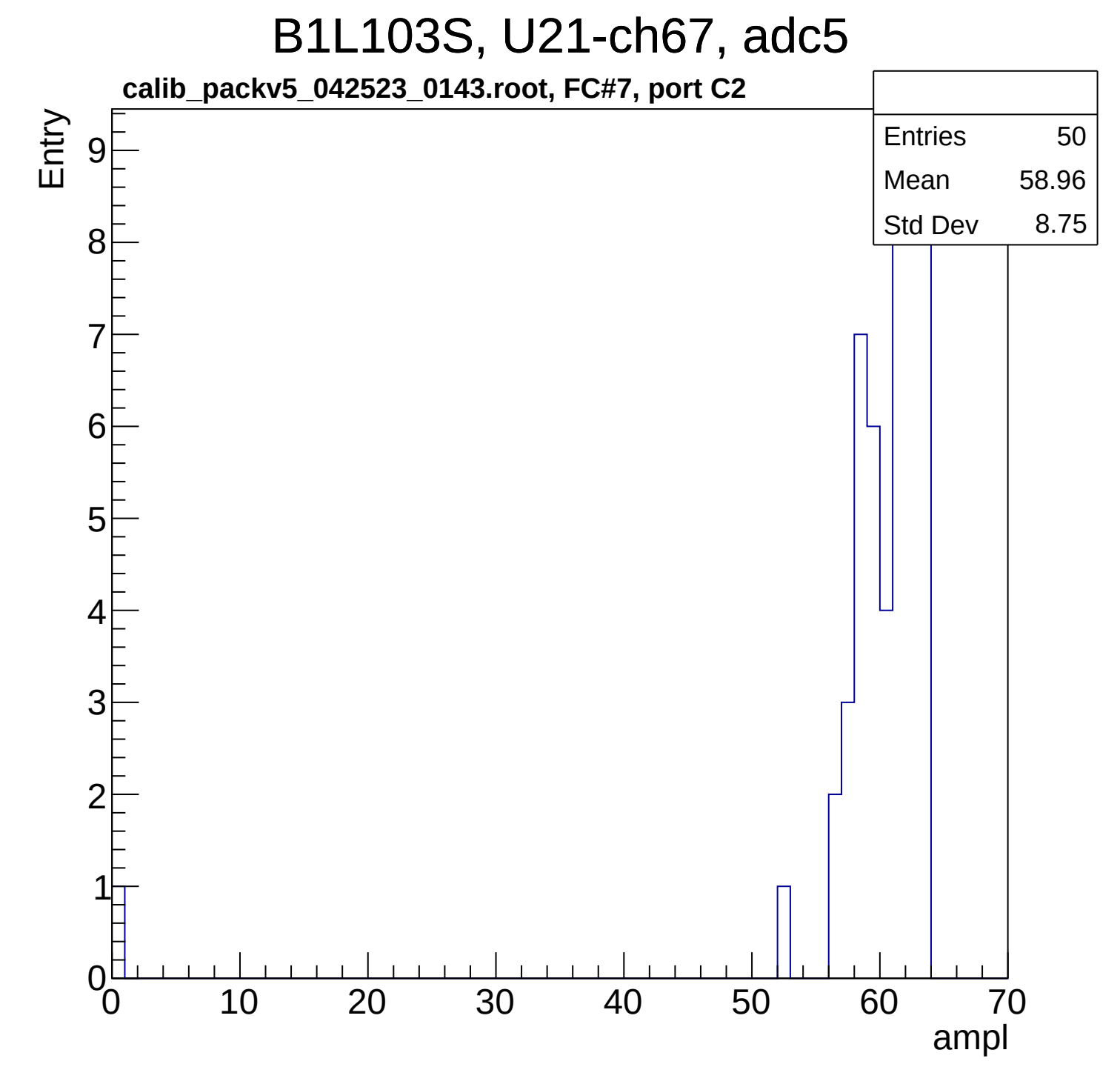
B1L103S, U21-ch67, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 50
Mean 58.96
Std Dev 8.75
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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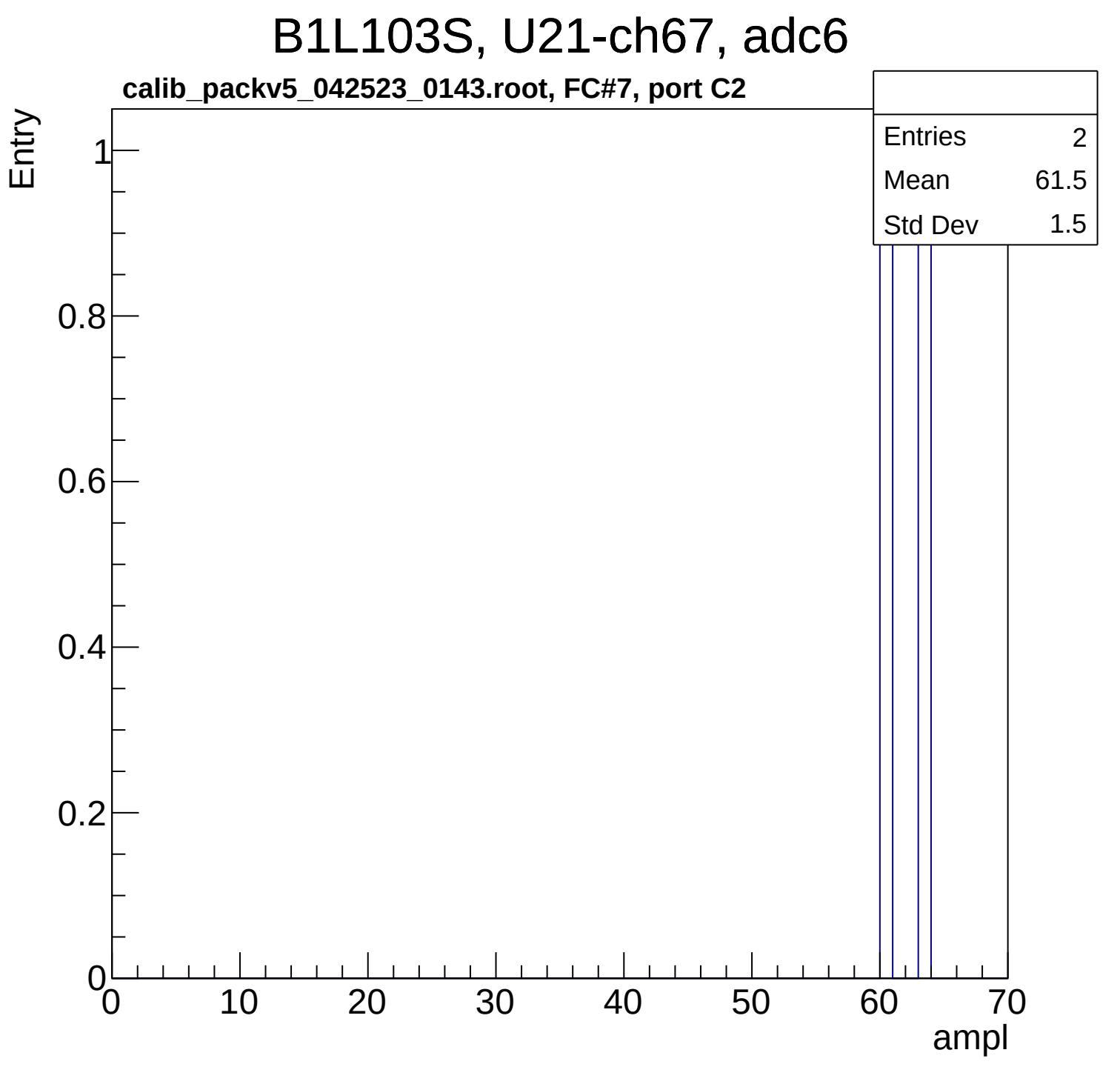
B1L103S, U21-ch67, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 61.5
Std Dev 1.5
Entry
ampl
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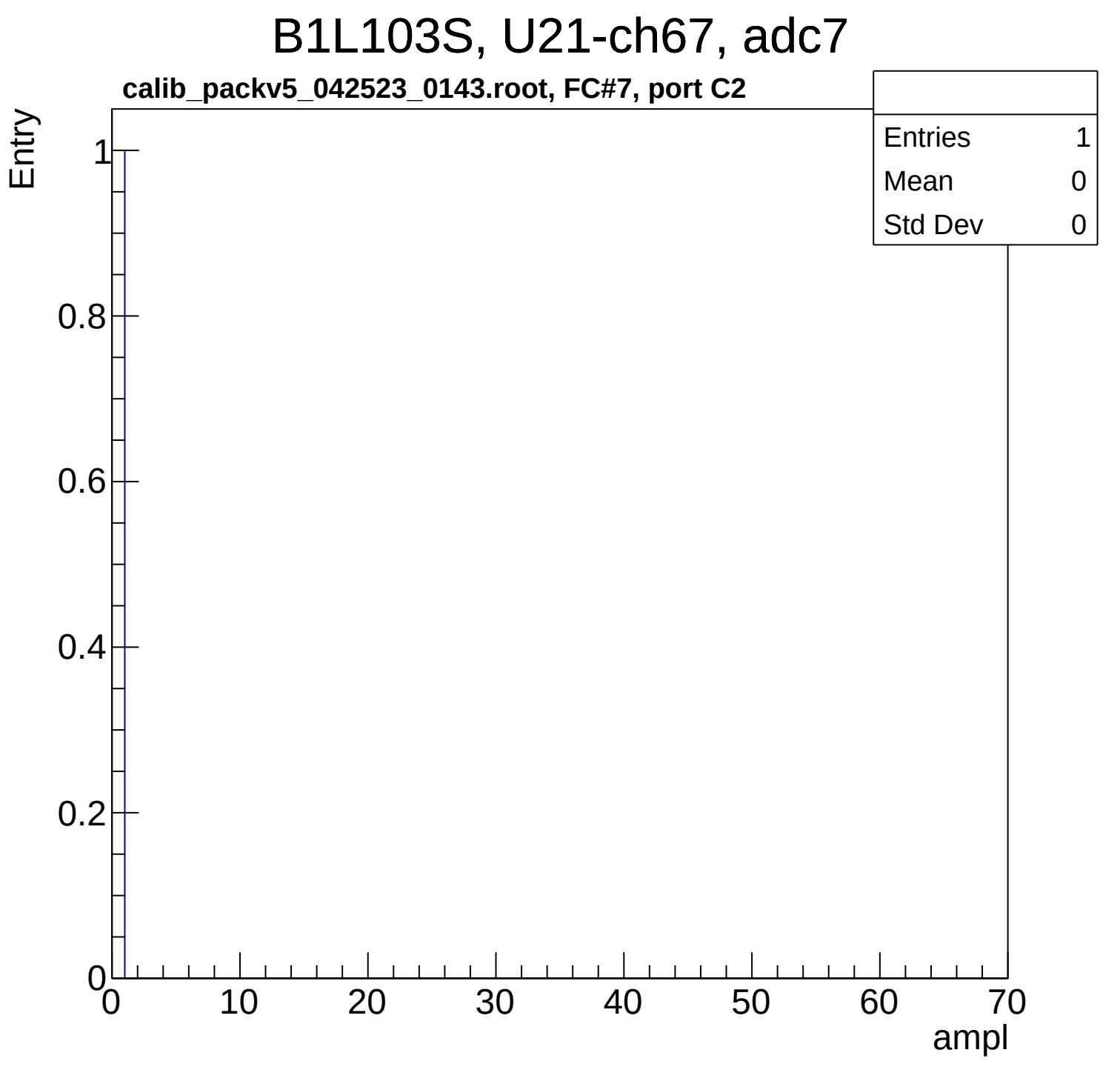
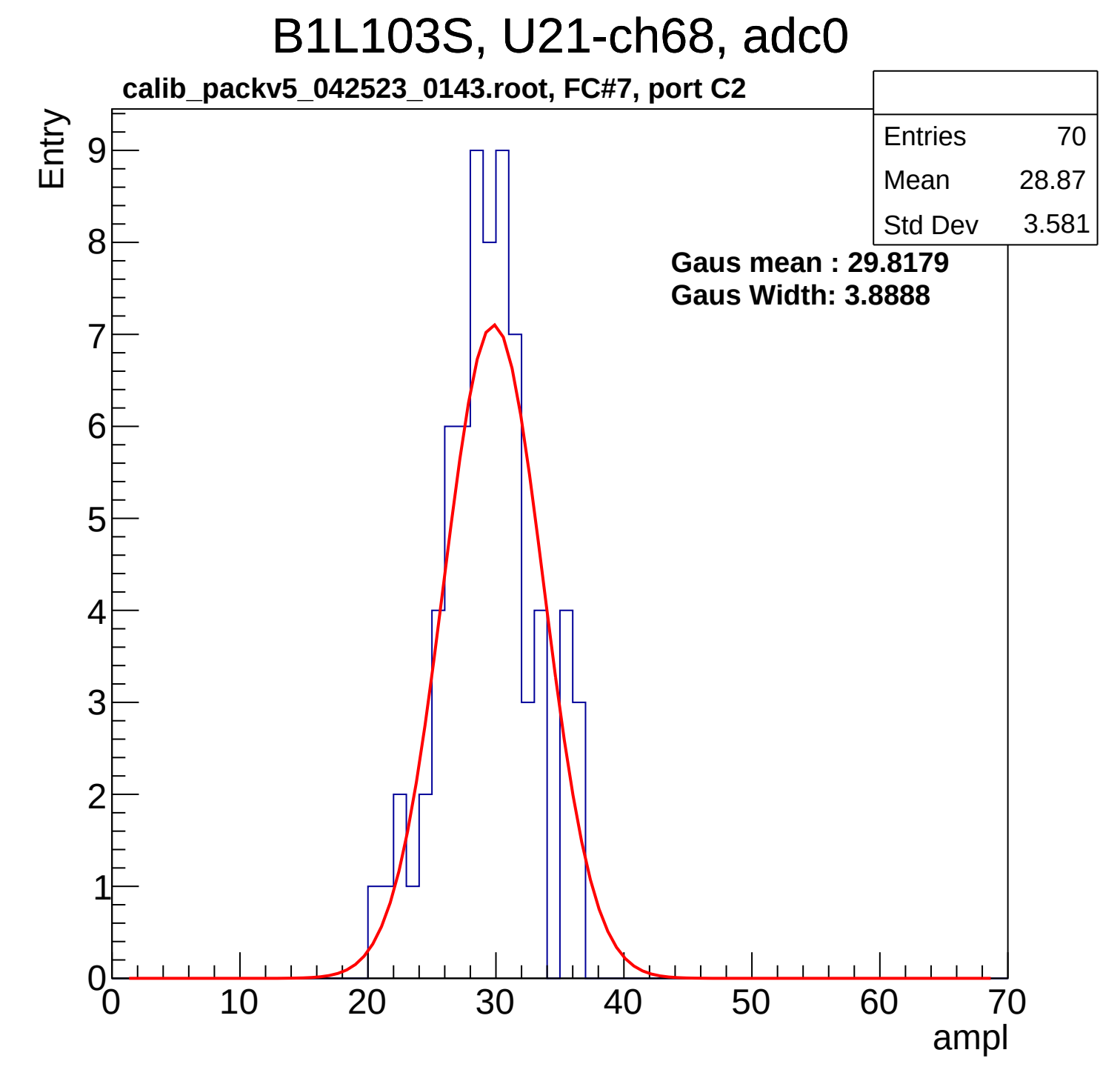
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L103S, U21-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, U21-ch68, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 28.87
Std Dev 3.581
Gaus mean : 29.8179
Gaus Width: 3.8888
Entry
ampl
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2
3
4
5
6
7
8
9
0
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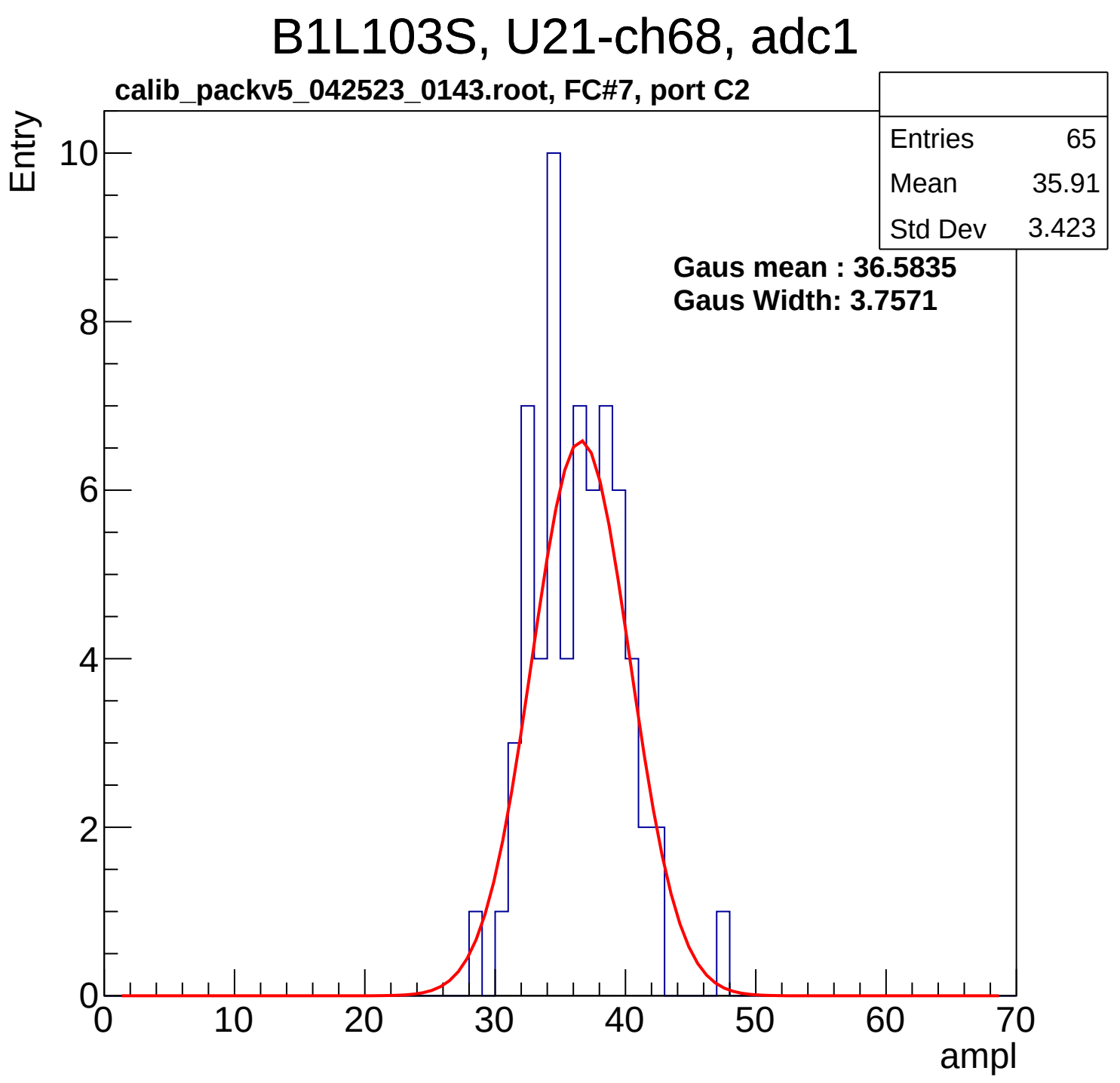
20
30
40
50
60
70


B1L103S, U21-ch68, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 35.91
Std Dev 3.423
Gaus mean : 36.5835
Gaus Width: 3.7571
Entry
ampl
0
2
4
6
8
10
0
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20
30
40
50
60
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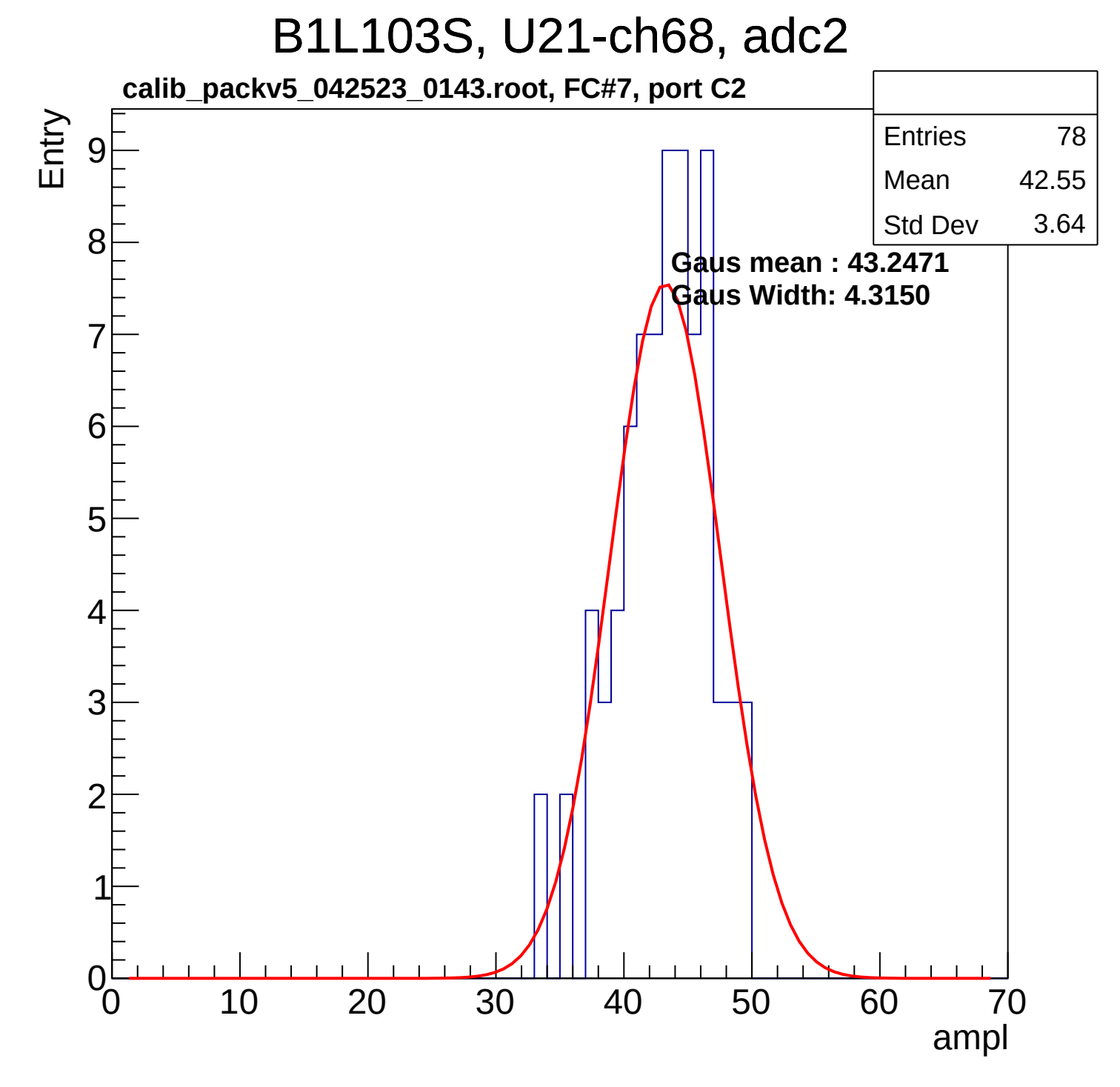
B1L103S, U21-ch68, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 78
Mean 42.55
Std Dev 3.64
Gaus mean : 43.2471
Gaus Width: 4.3150
Entry
ampl
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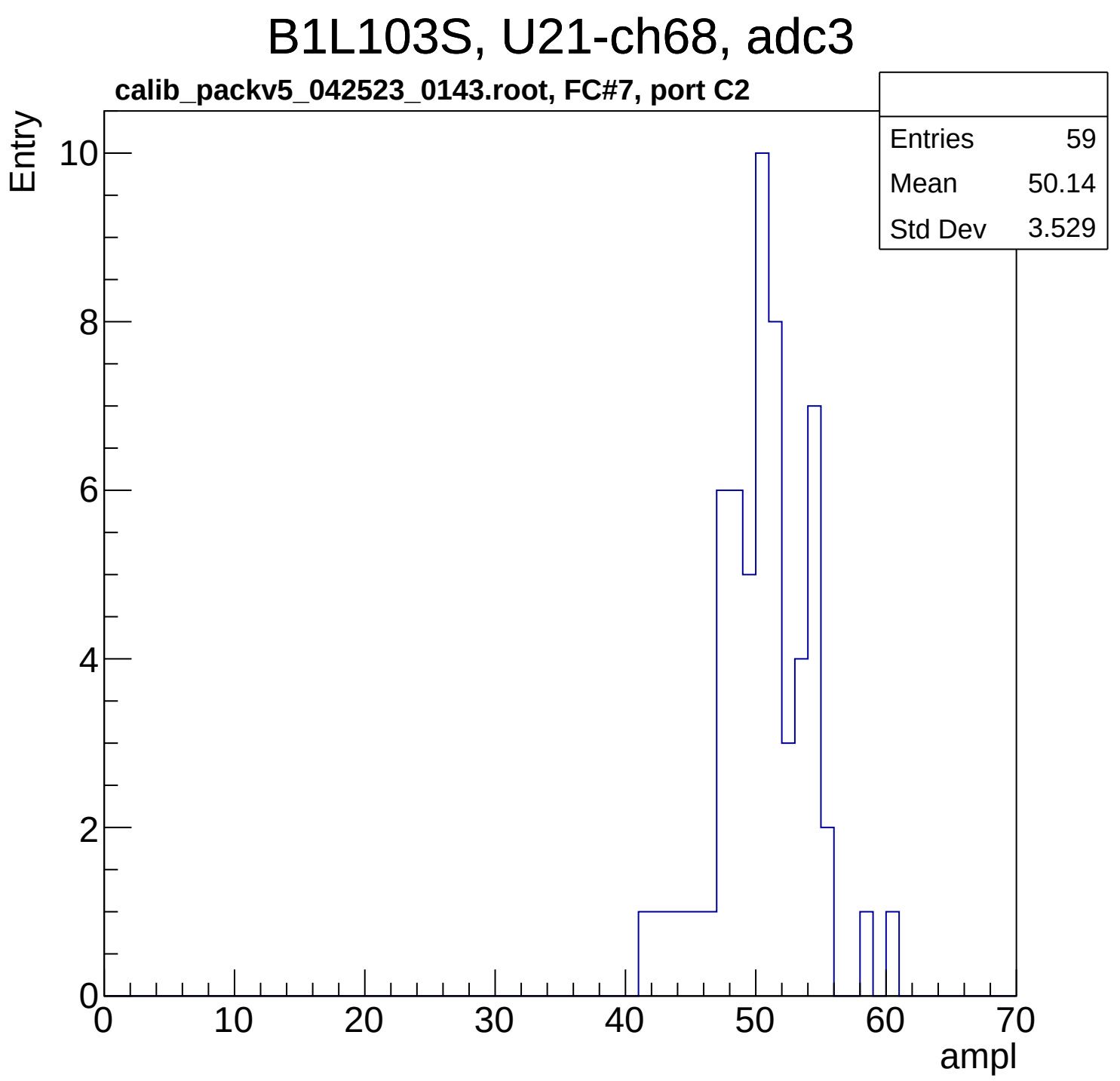
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch68, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 50.14
Std Dev 3.529
Entry
0
2
4
6
8
10
0
10
20
30
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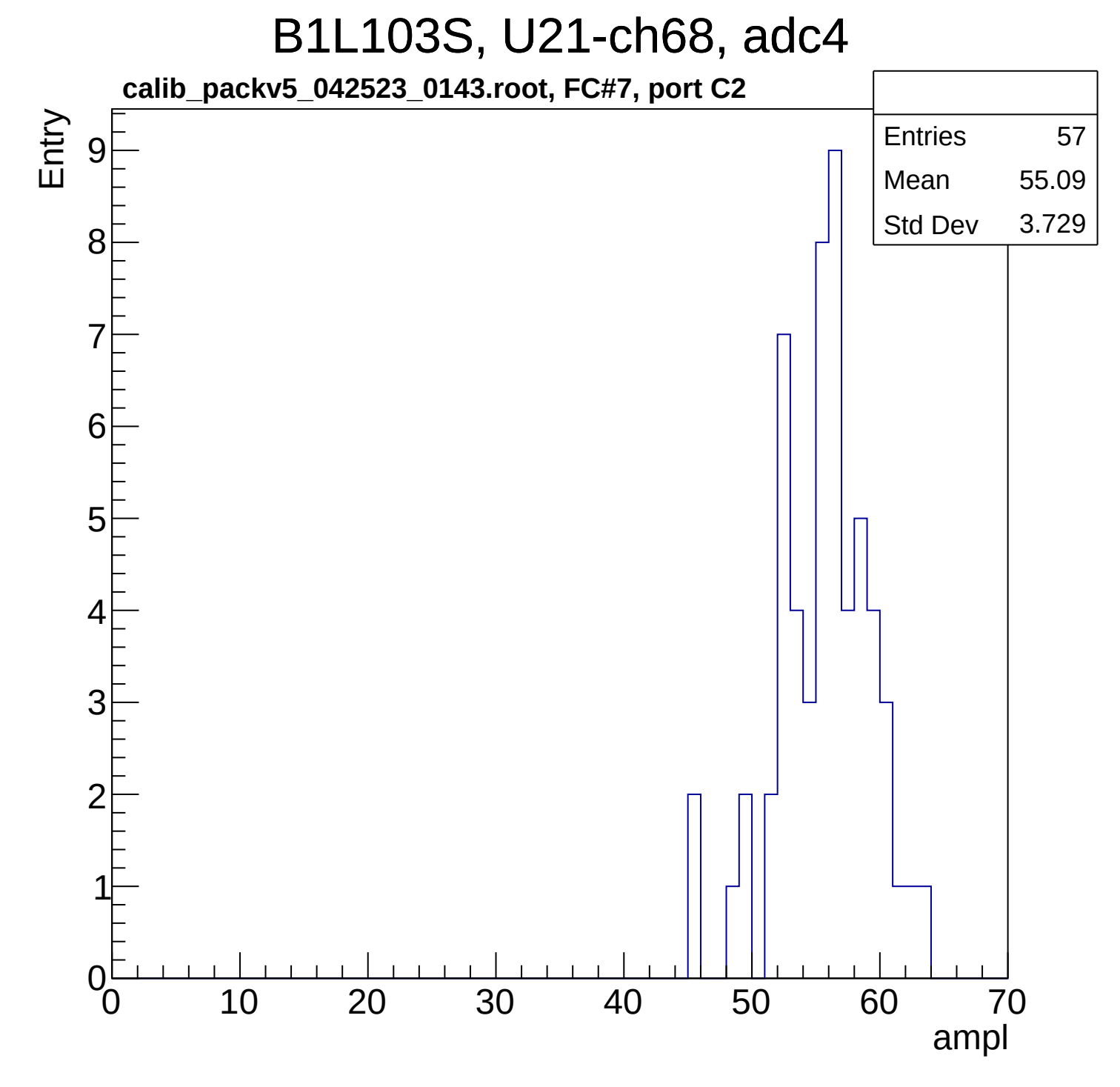
50
60
70
ampl


B1L103S, U21-ch68, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 55.09
Std Dev 3.729
Entry
ampl
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3
4
5
6
7
8
9
0
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40
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60
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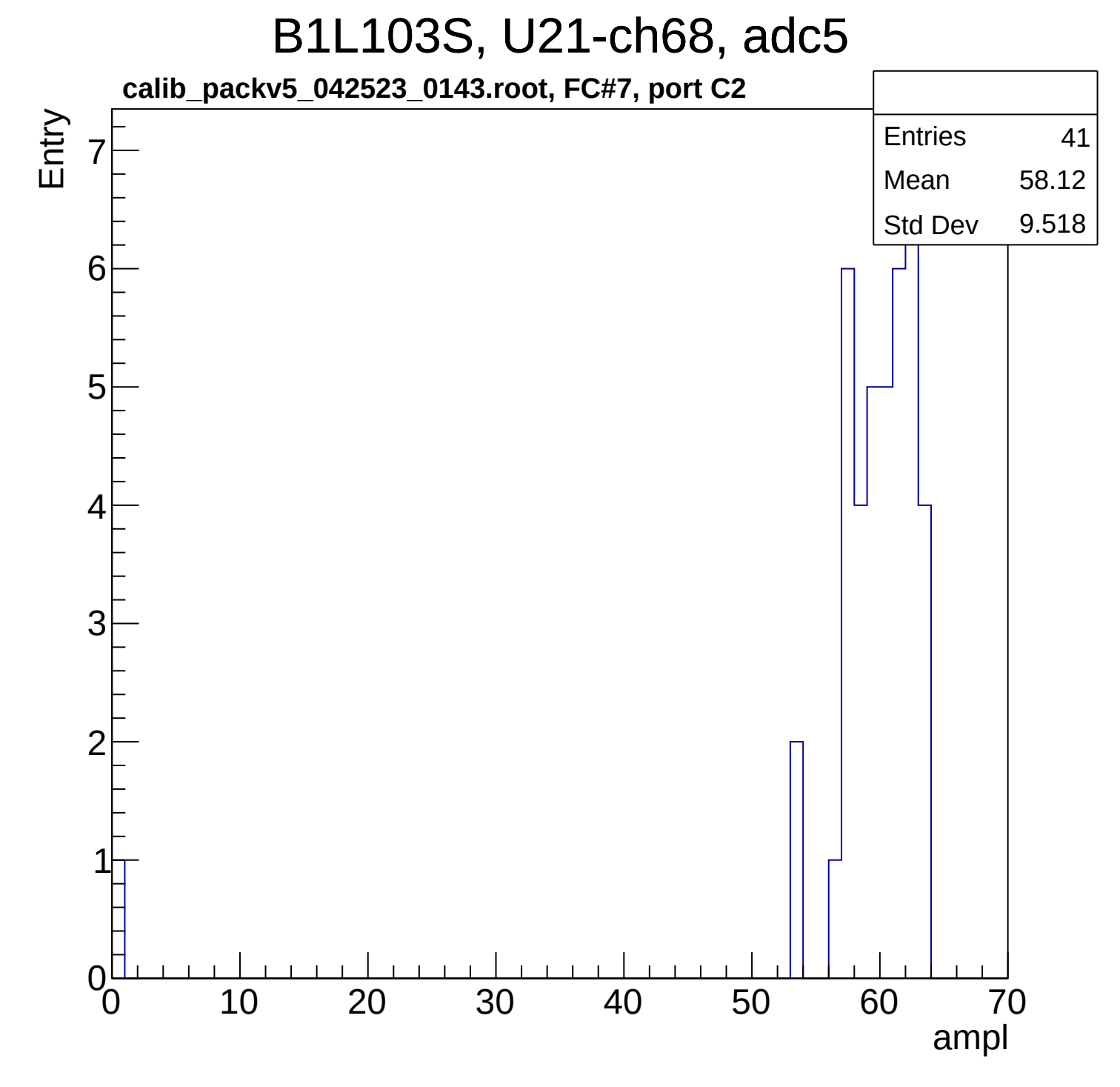
B1L103S, U21-ch68, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 41
Mean 58.12
Std Dev 9.518
Entry
ampl
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2
3
4
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6
7
0
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20
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40
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60
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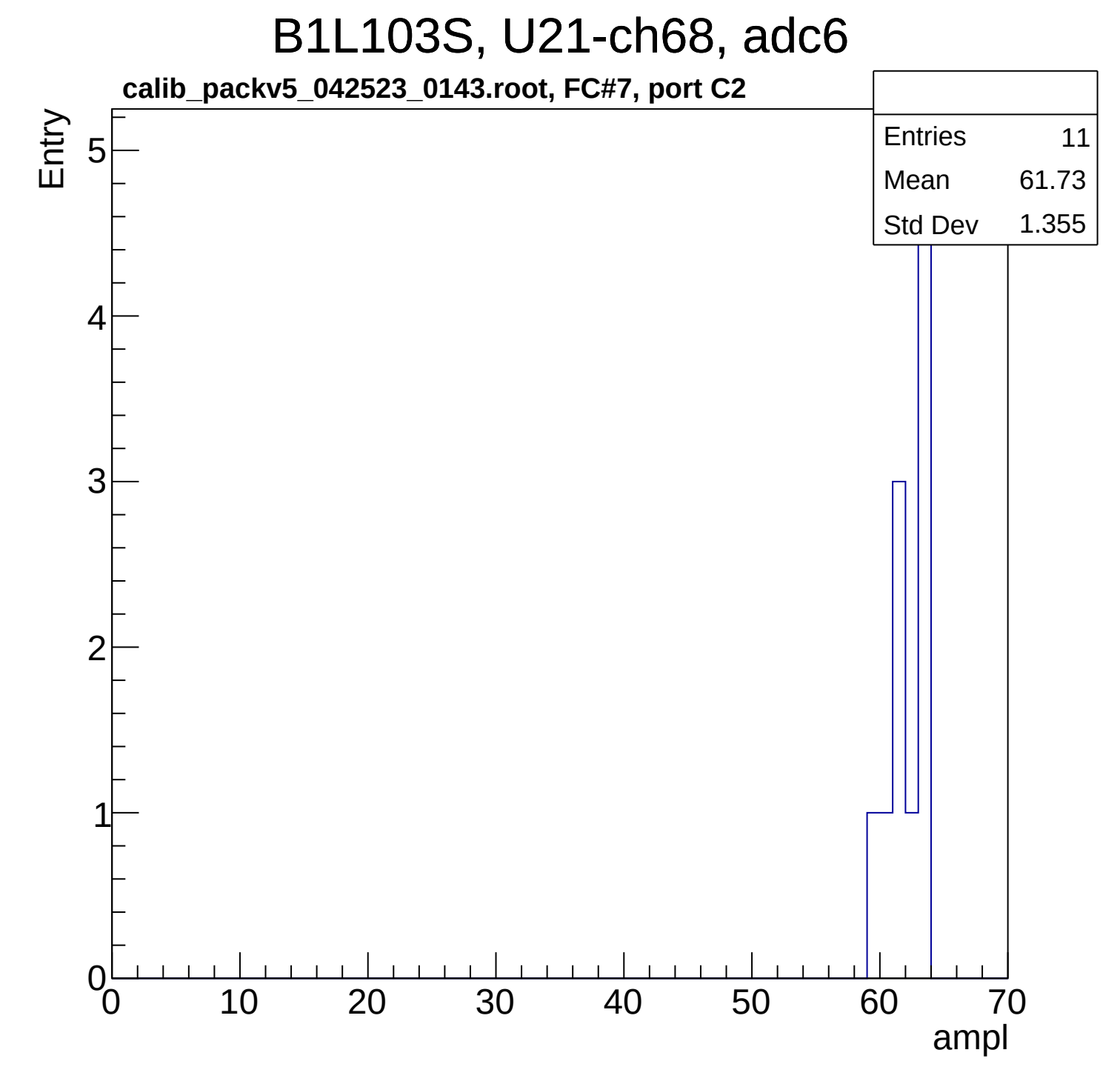
B1L103S, U21-ch68, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 11
Mean 61.73
Std Dev 1.355
Entry
ampl
0
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2
3
4
5
0
10
20
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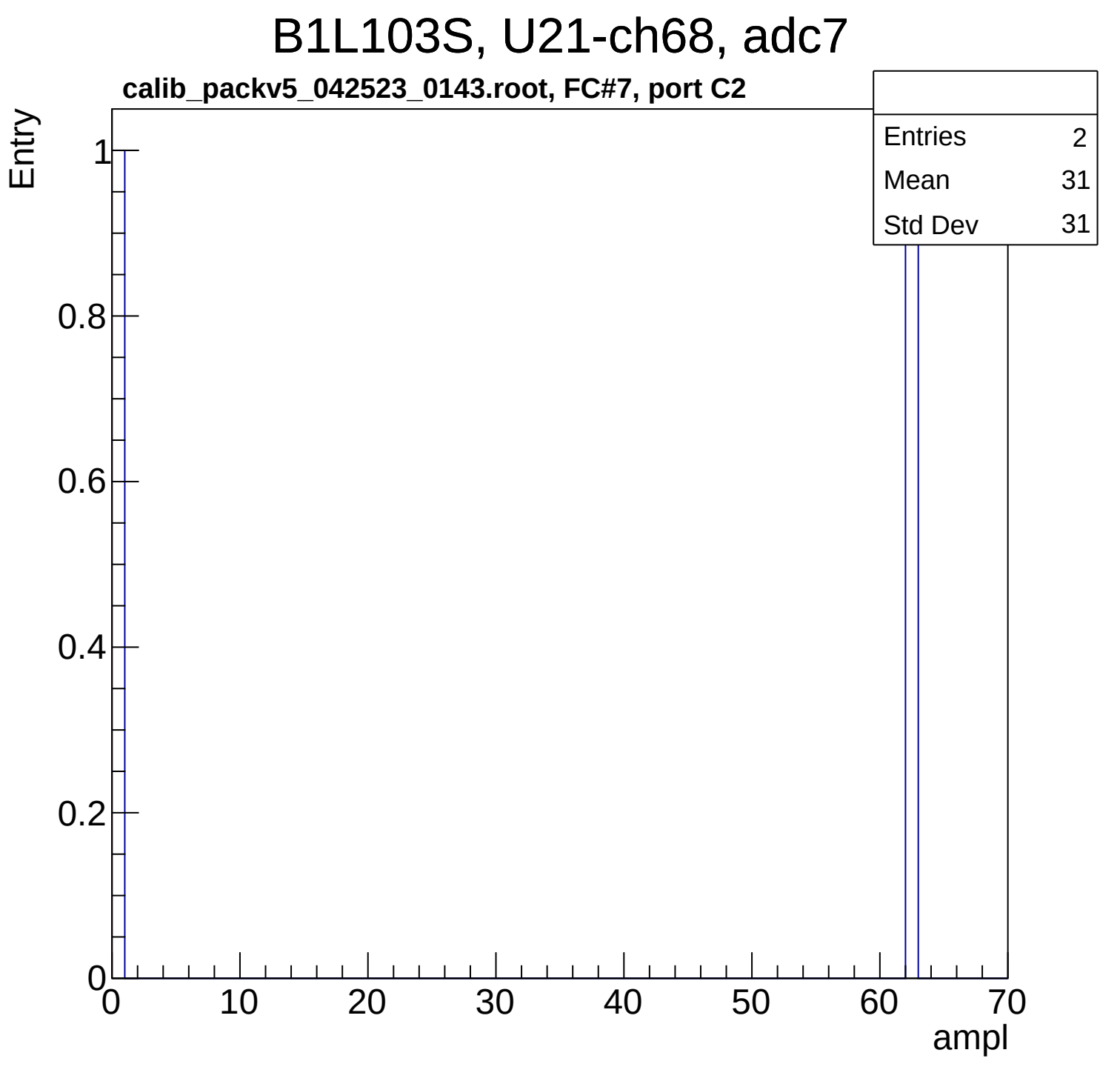
40
50
60
70


B1L103S, U21-ch68, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 31
Std Dev 31
Entry
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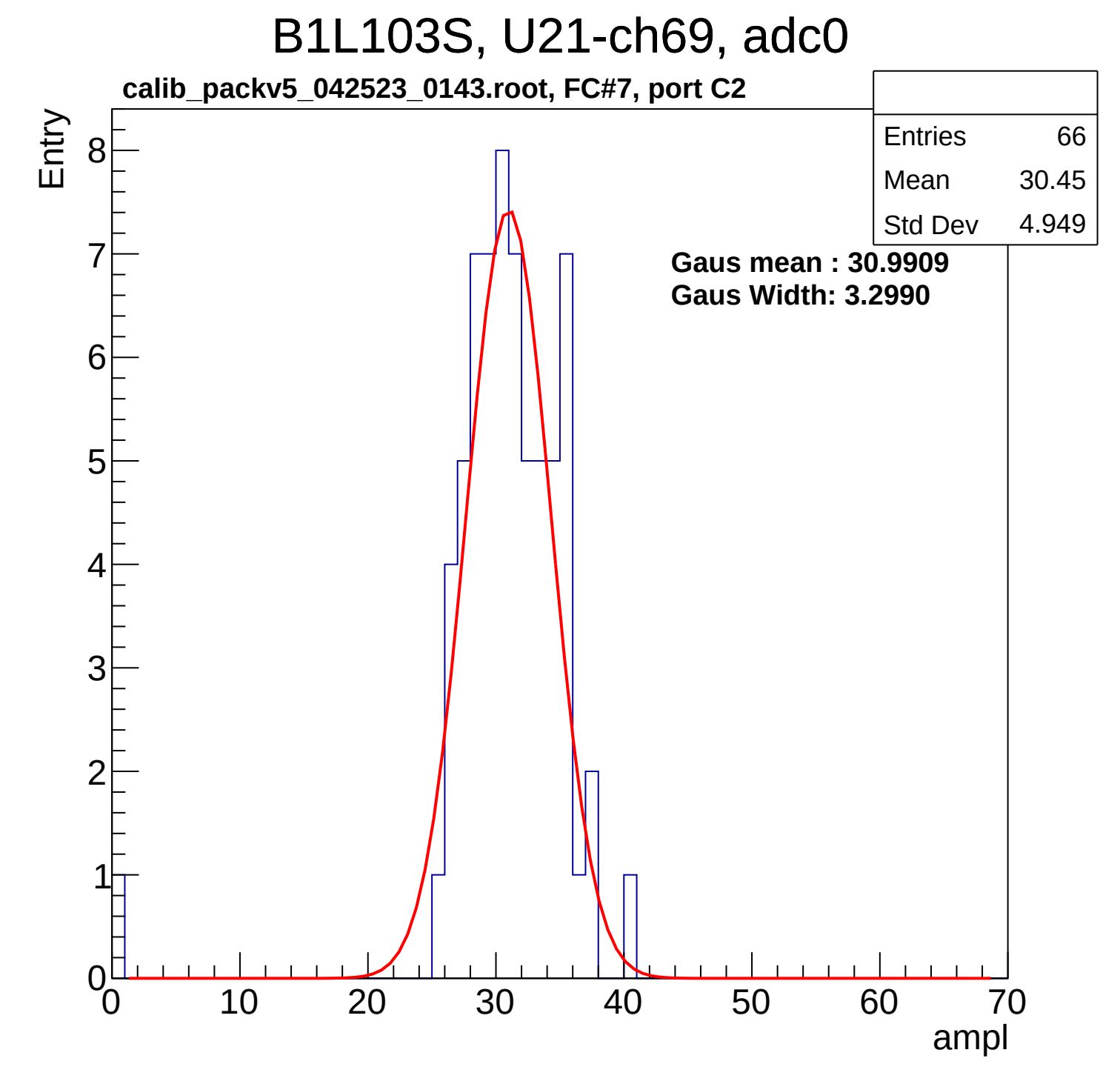
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch69, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 30.45
Std Dev 4.949
Gaus mean : 30.9909
Gaus Width: 3.2990
Entry
ampl
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1
2
3
4
5
6
7
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0
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20
30
40
50
60
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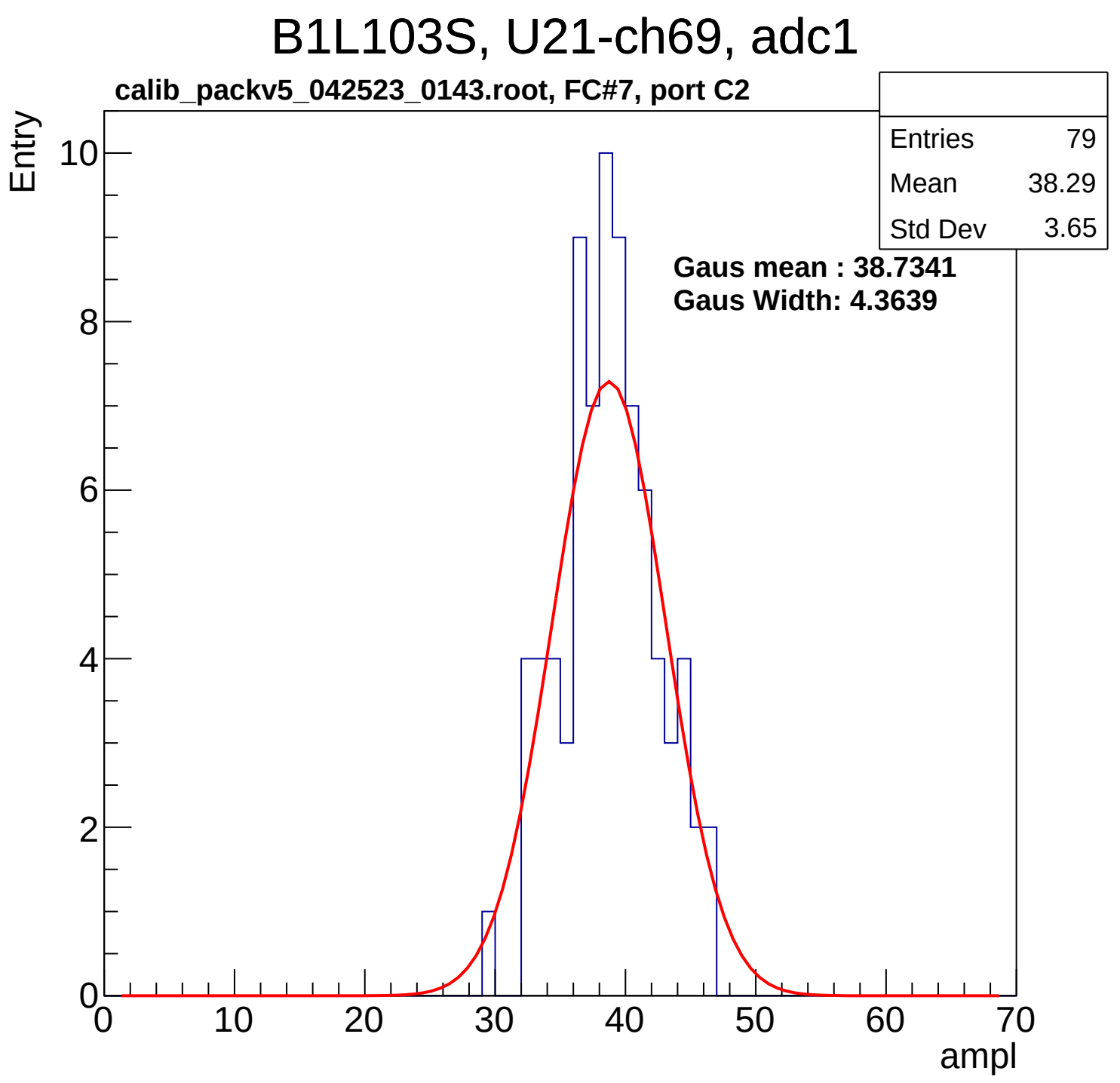
B1L103S, U21-ch69, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 79
Mean 38.29
Std Dev 3.65
Gaus mean : 38.7341
Gaus Width: 4.3639
Entry
ampl
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2
4
6
8
10
0
10
20
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40
50
60
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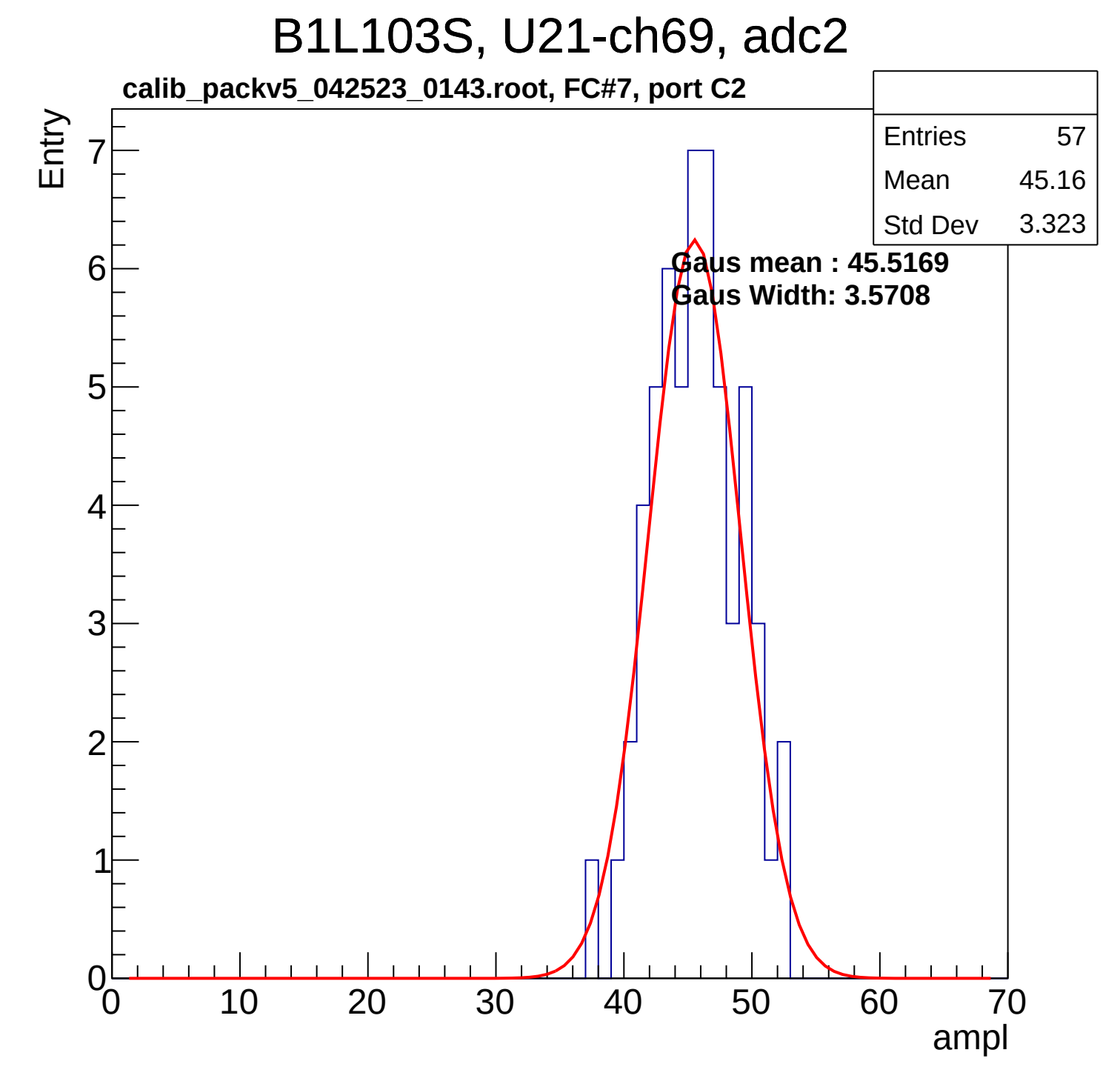
B1L103S, U21-ch69, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 45.16
Std Dev 3.323
Gaus mean : 45.5169
Gaus Width: 3.5708
Entry
ampl
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1
2
3
4
5
6
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0
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40
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60
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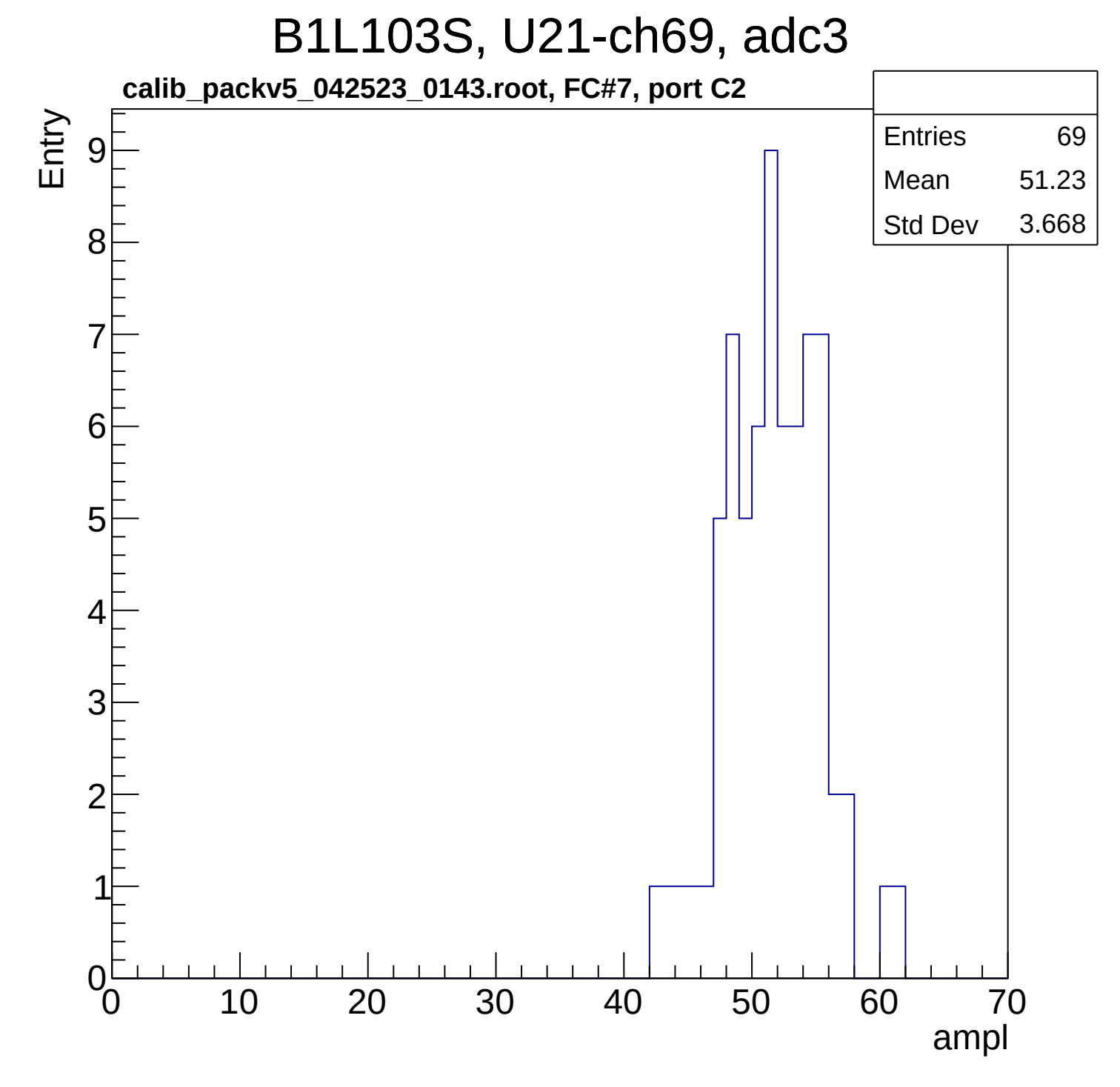
B1L103S, U21-ch69, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 51.23
Std Dev 3.668
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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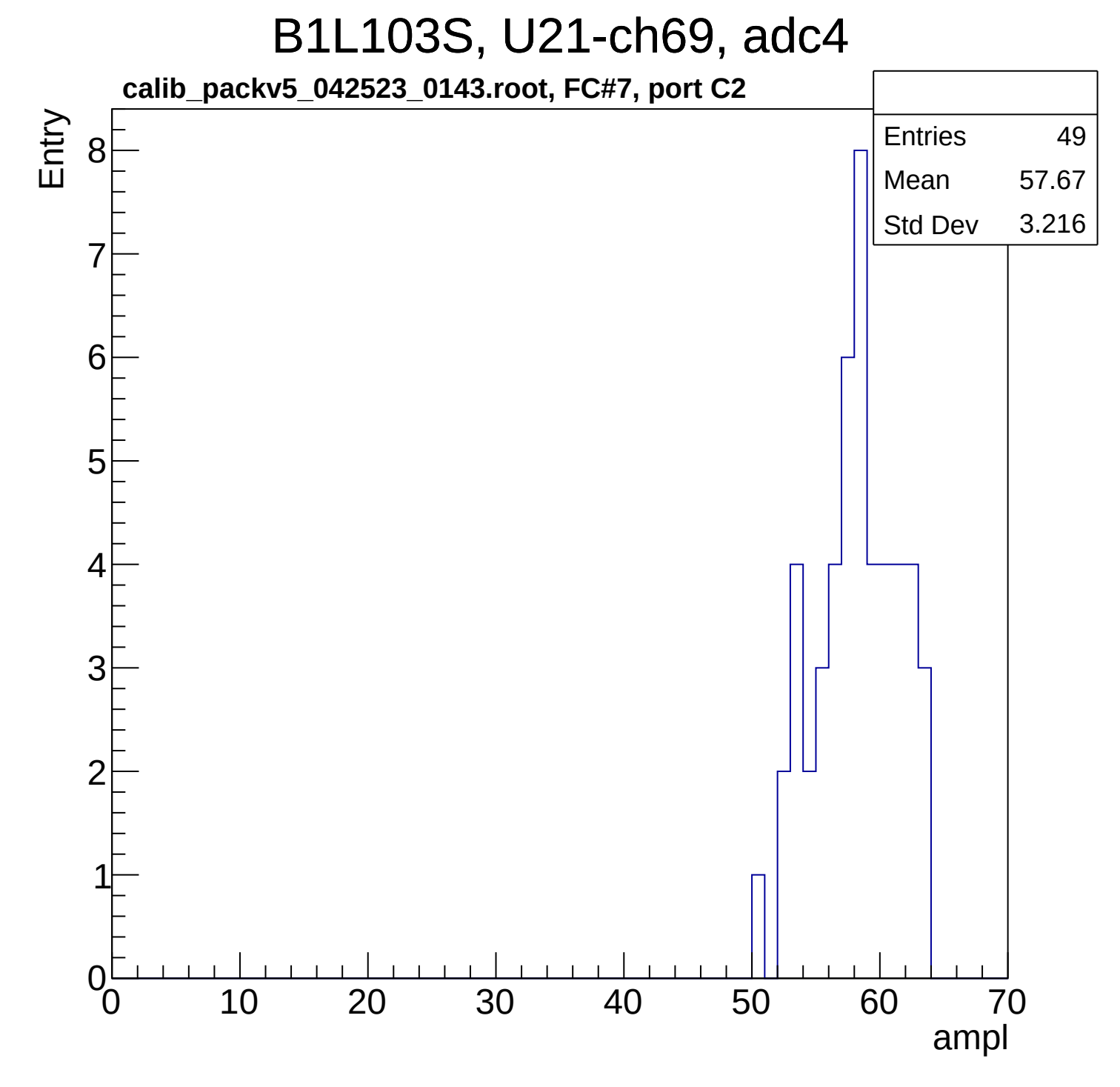
B1L103S, U21-ch69, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 57.67
Std Dev 3.216
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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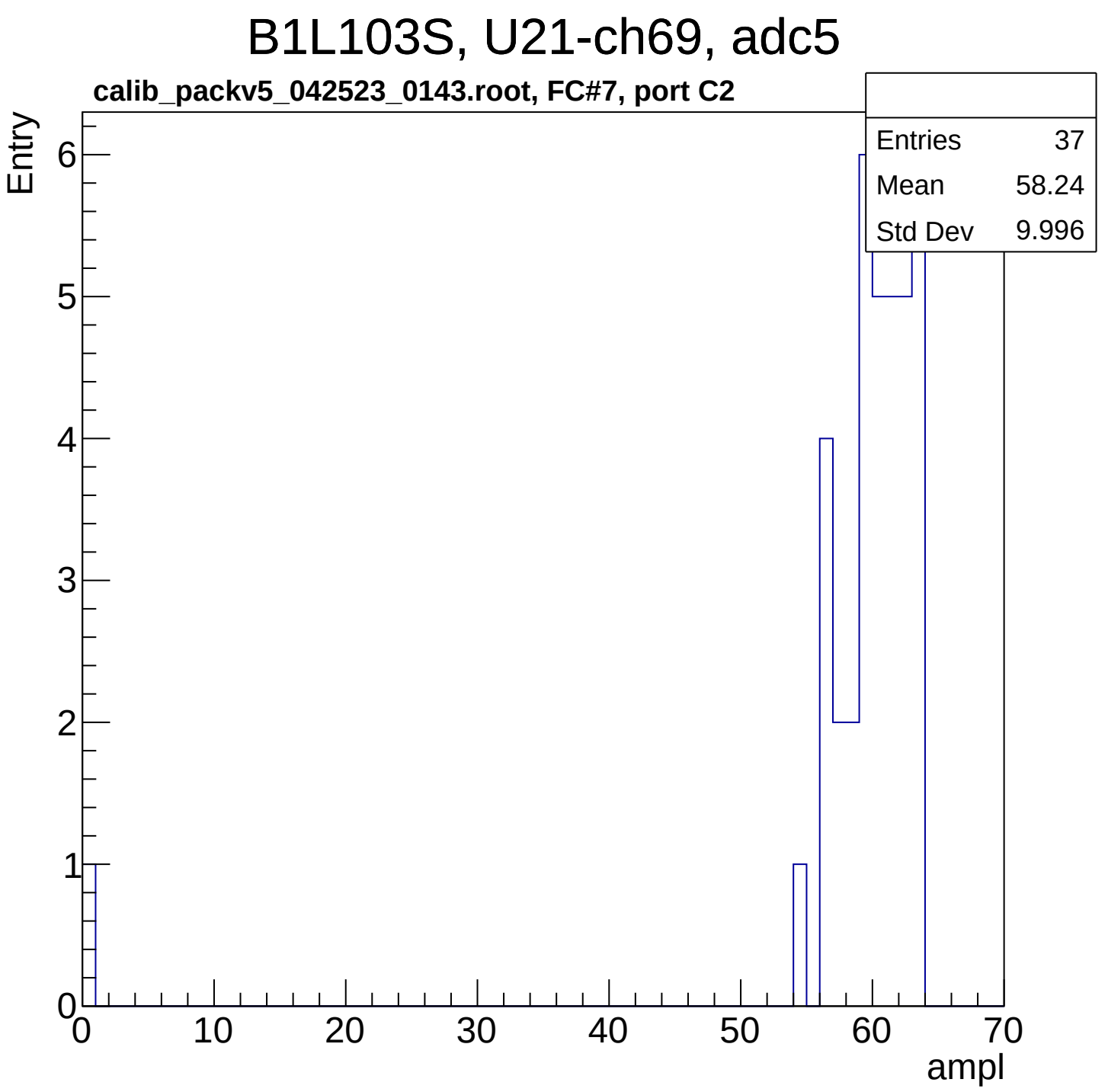
B1L103S, U21-ch69, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 37
Mean 58.24
Std Dev 9.996
Entry
ampl
0
1
2
3
4
5
6
0
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20
30
40
50
60
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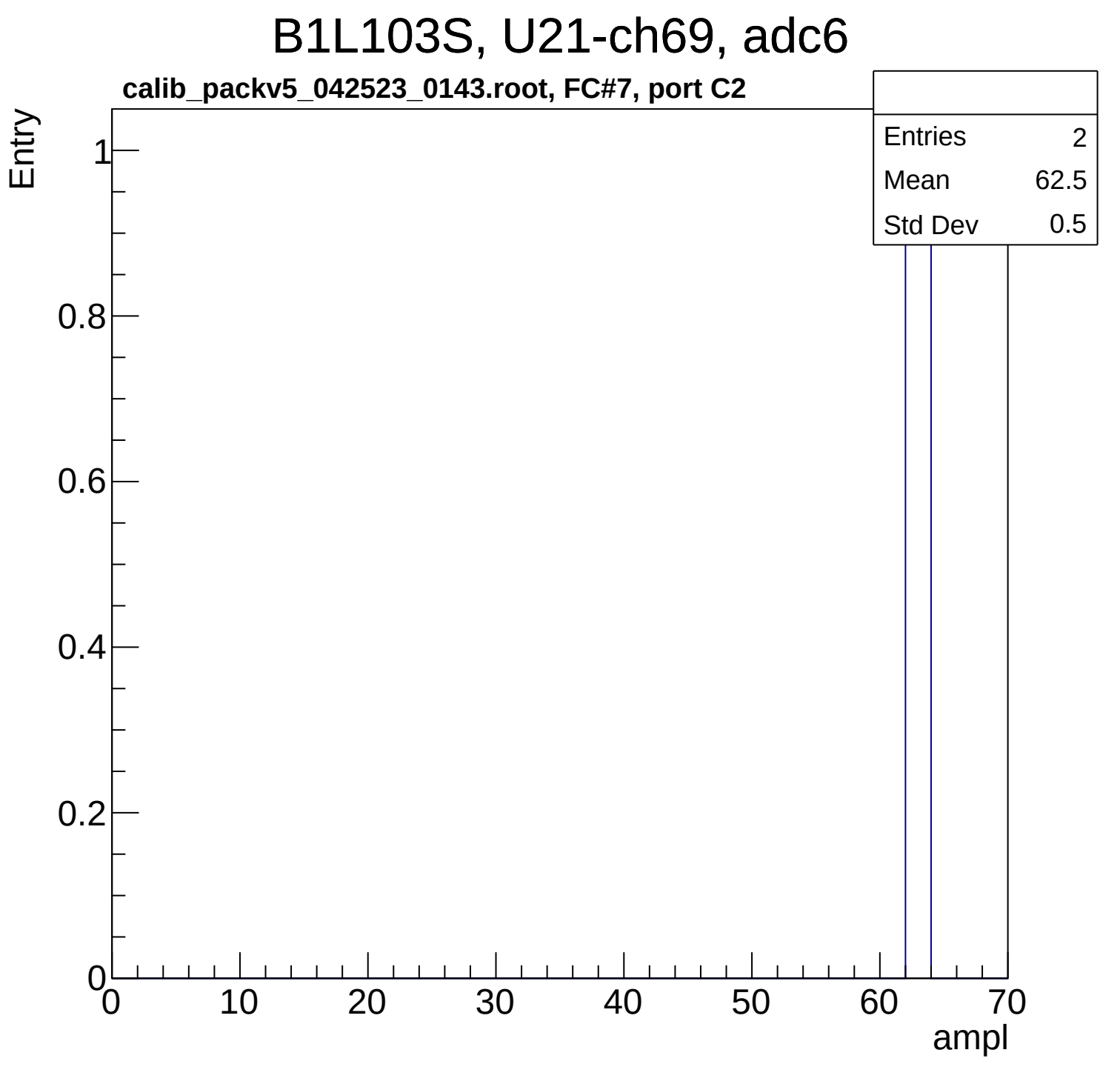
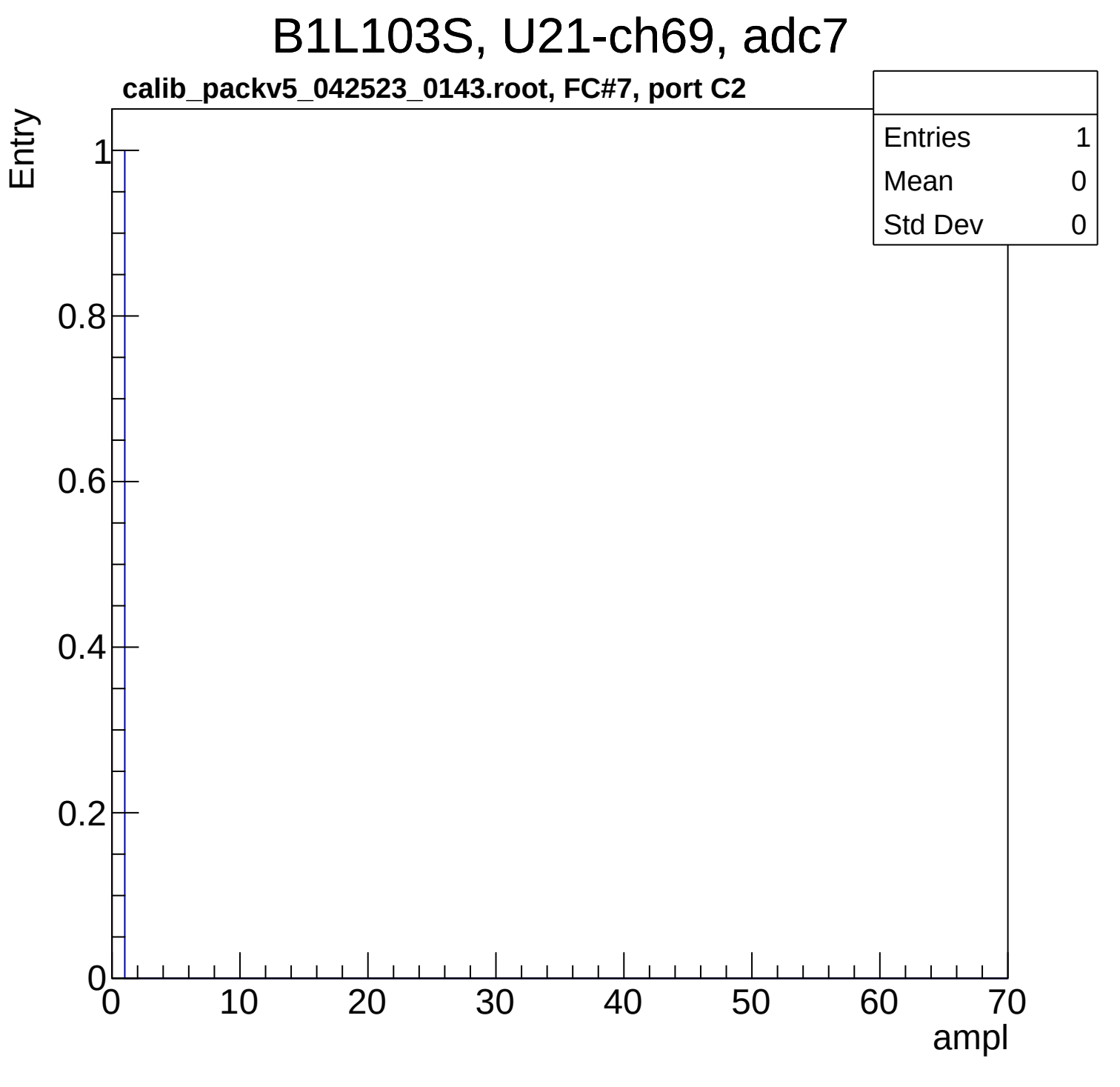
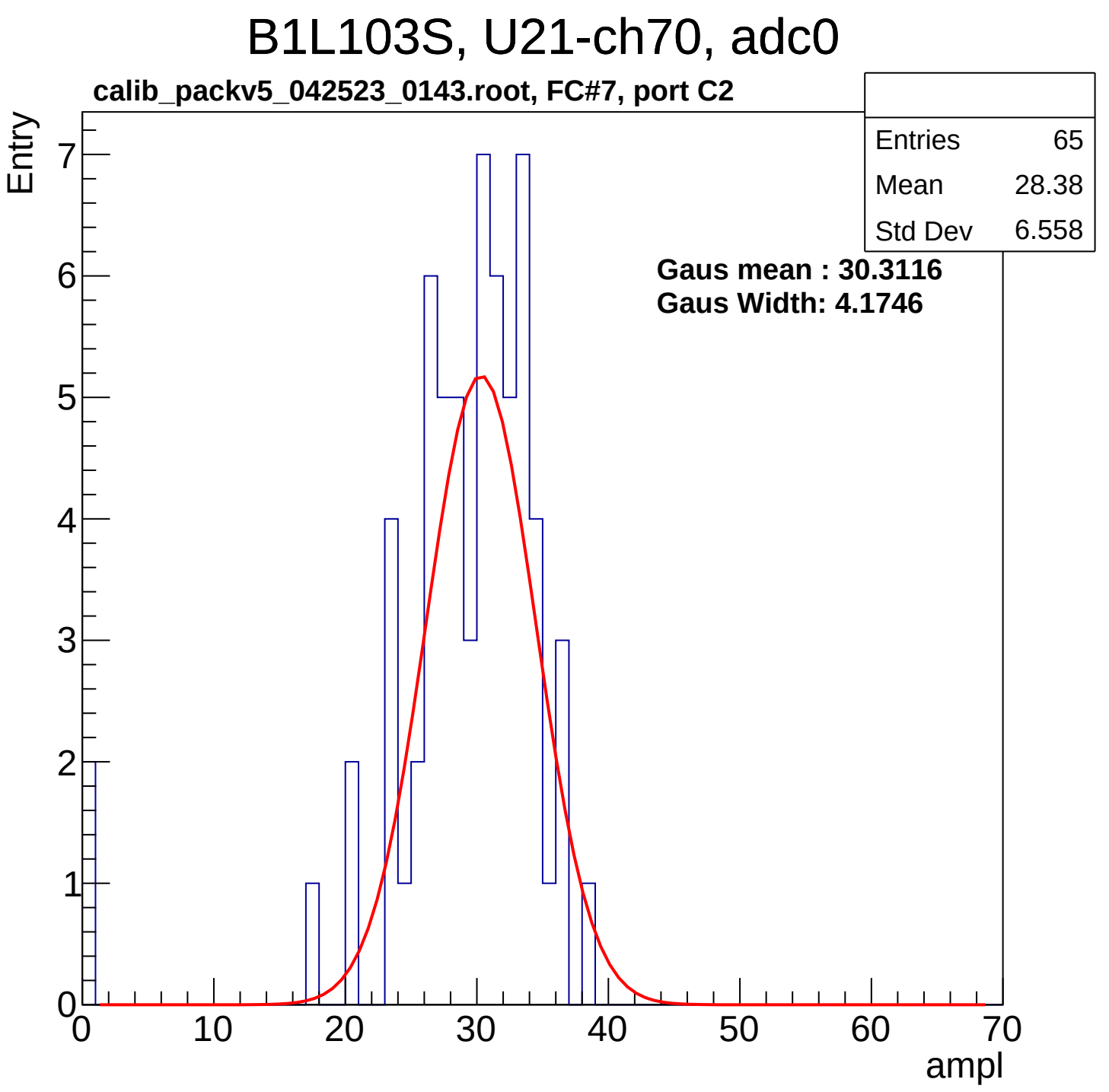
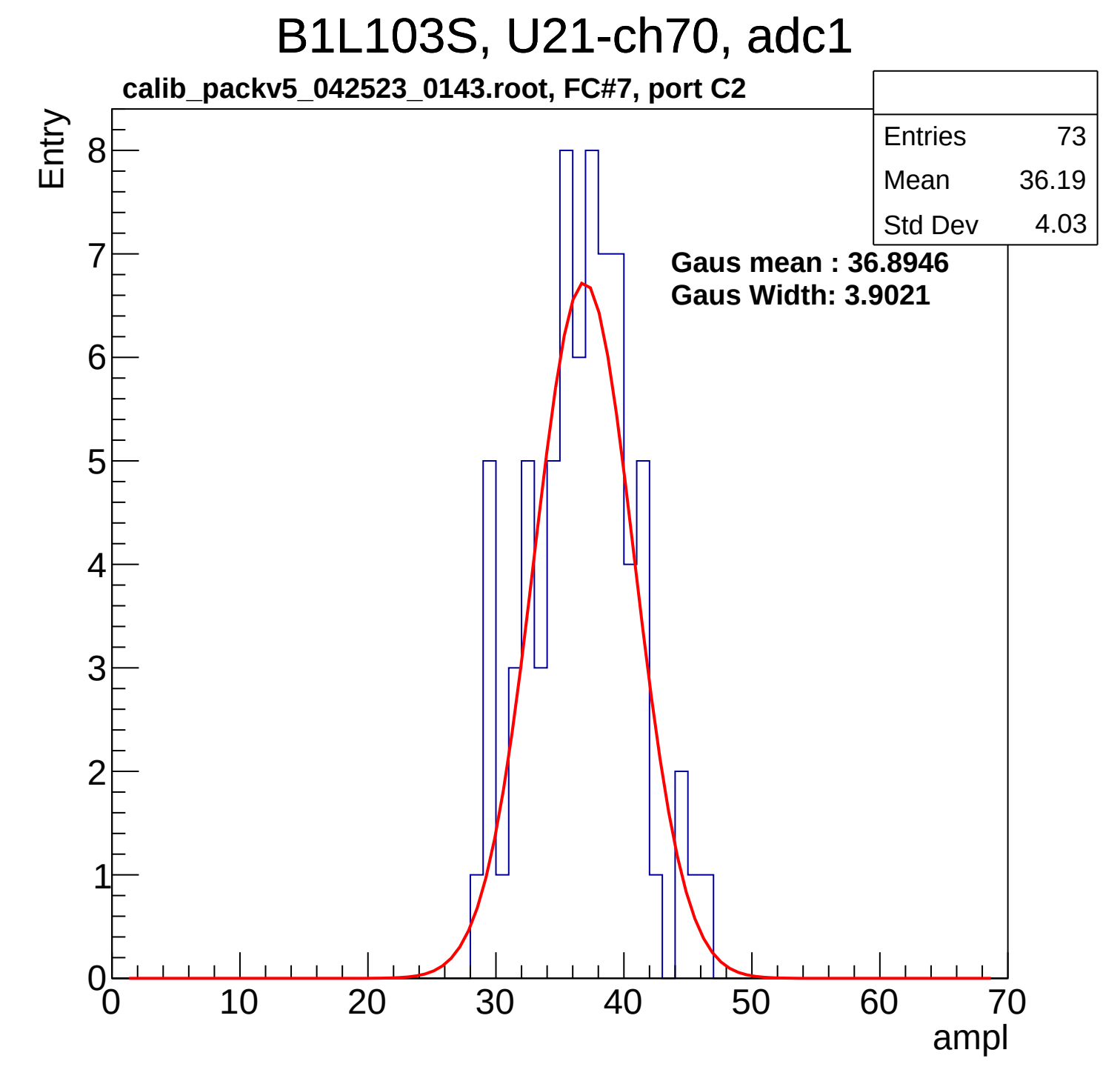

B1L103S, U21-ch69, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-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, U21-ch70, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 28.38
Std Dev 6.558
Gaus mean : 30.3116
Gaus Width: 4.1746
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch70, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 36.19
Std Dev 4.03
Gaus mean : 36.8946
Gaus Width: 3.9021
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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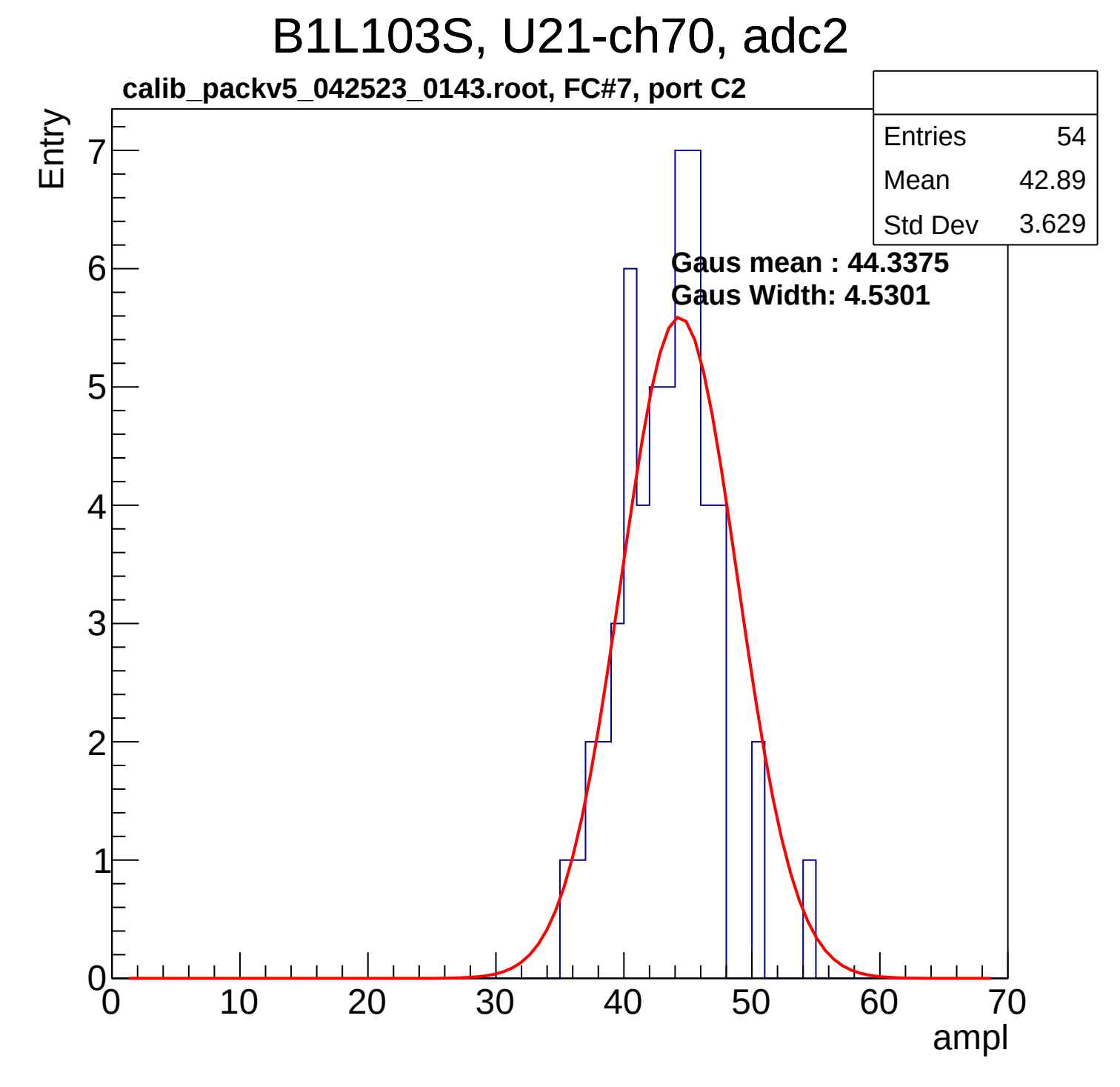
B1L103S, U21-ch70, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 42.89
Std Dev 3.629
Gaus mean : 44.3375
Gaus Width: 4.5301
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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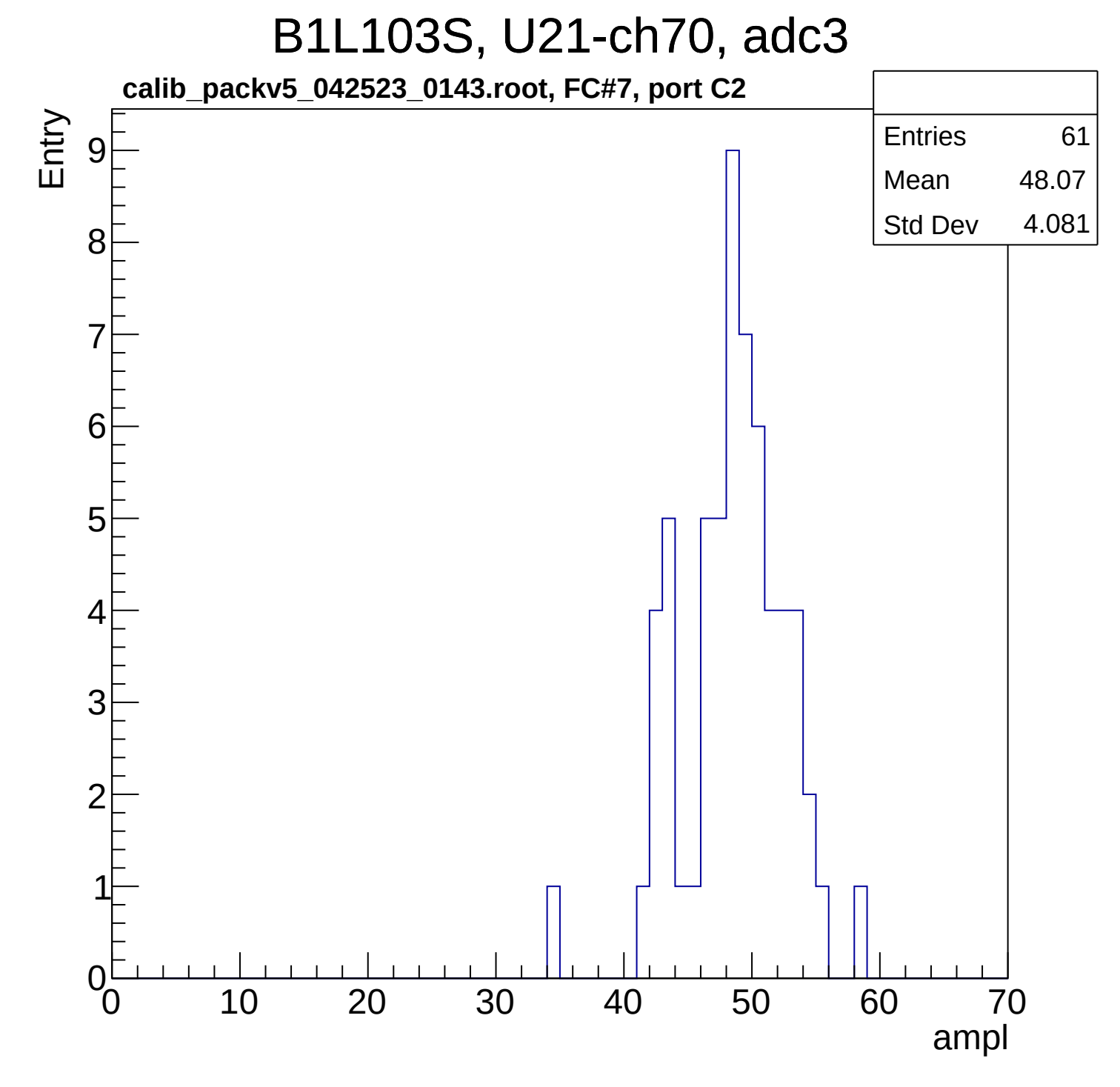
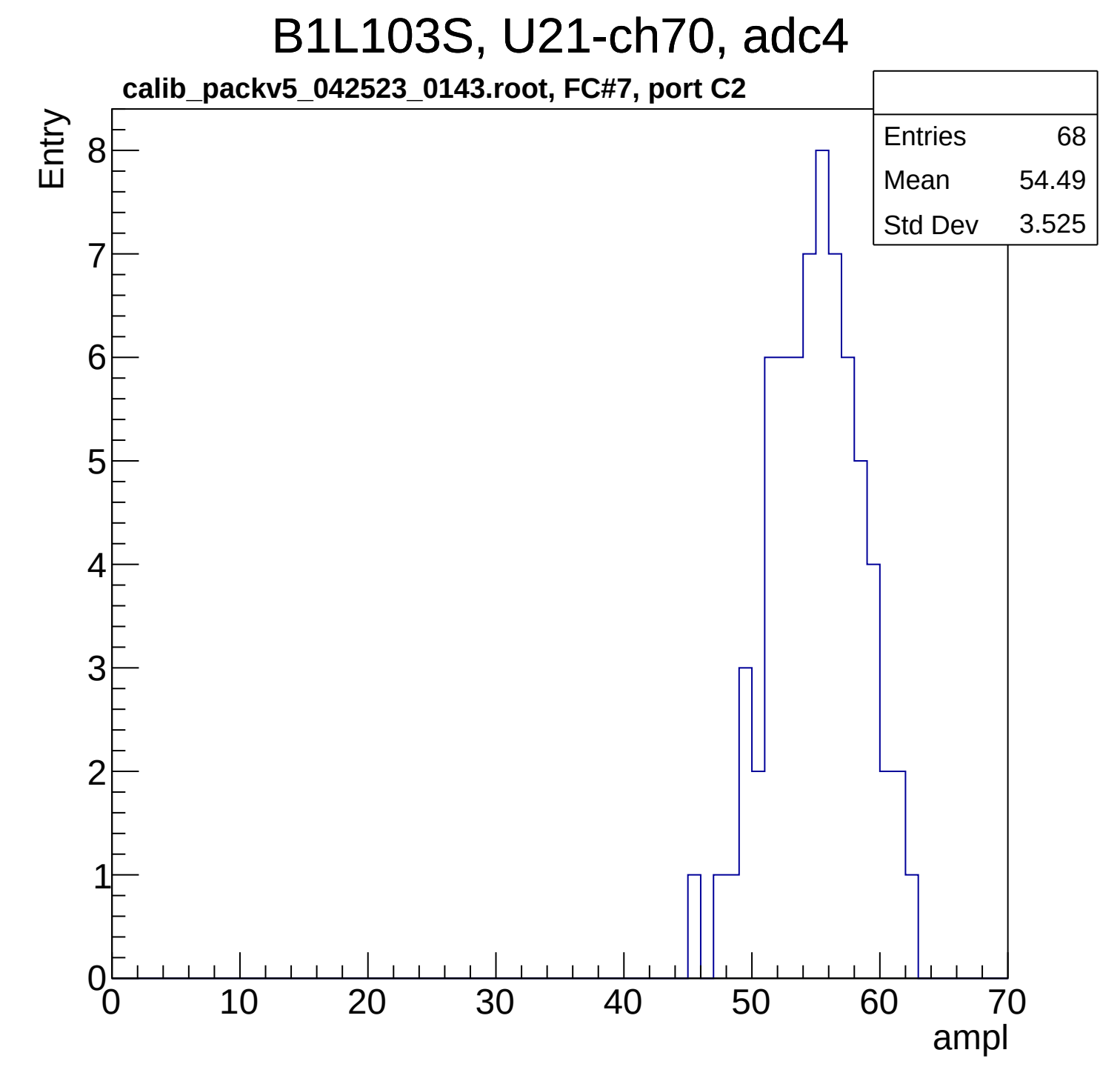
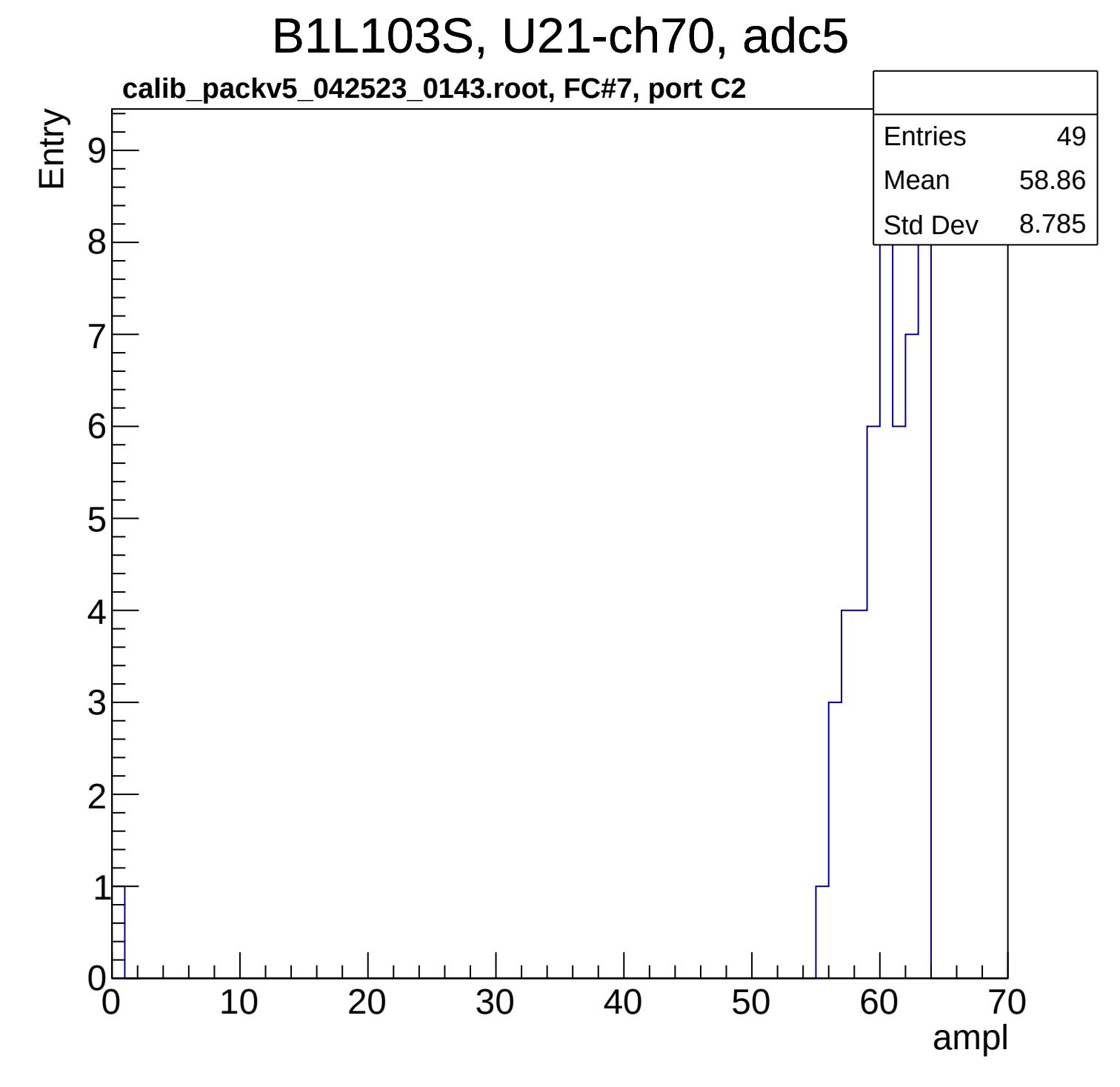
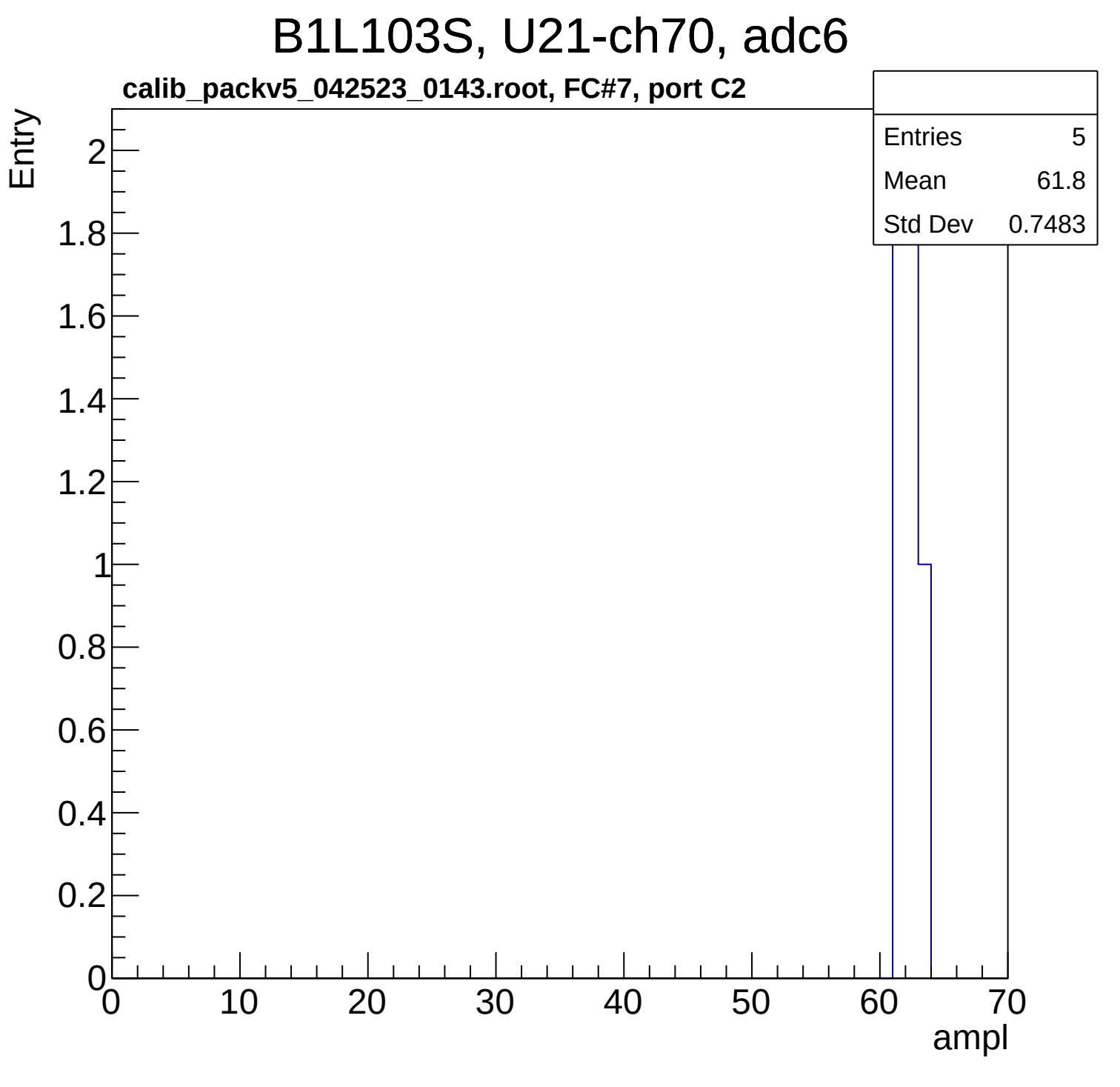
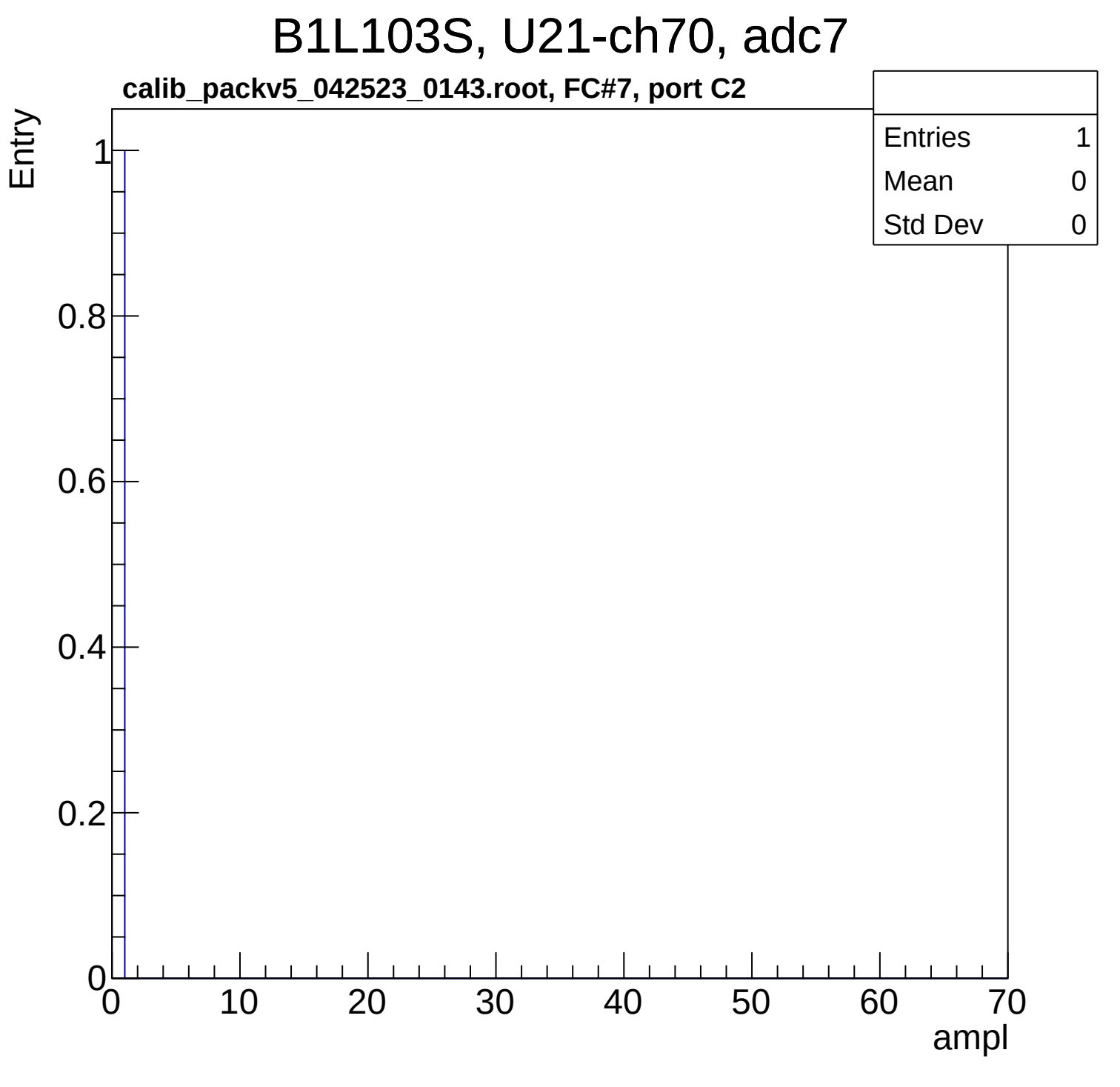
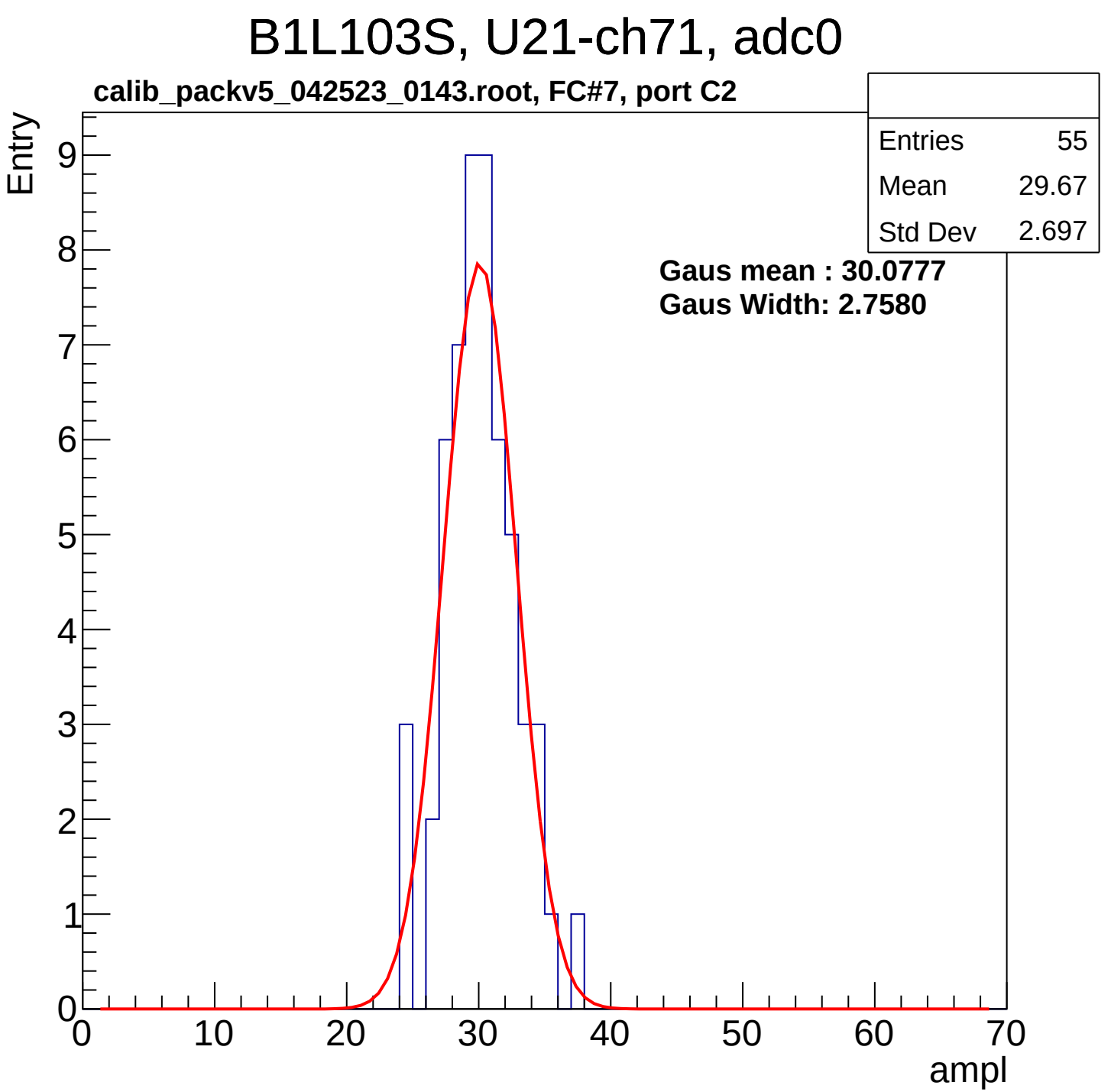

B1L103S, U21-ch70, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 48.07
Std Dev 4.081
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

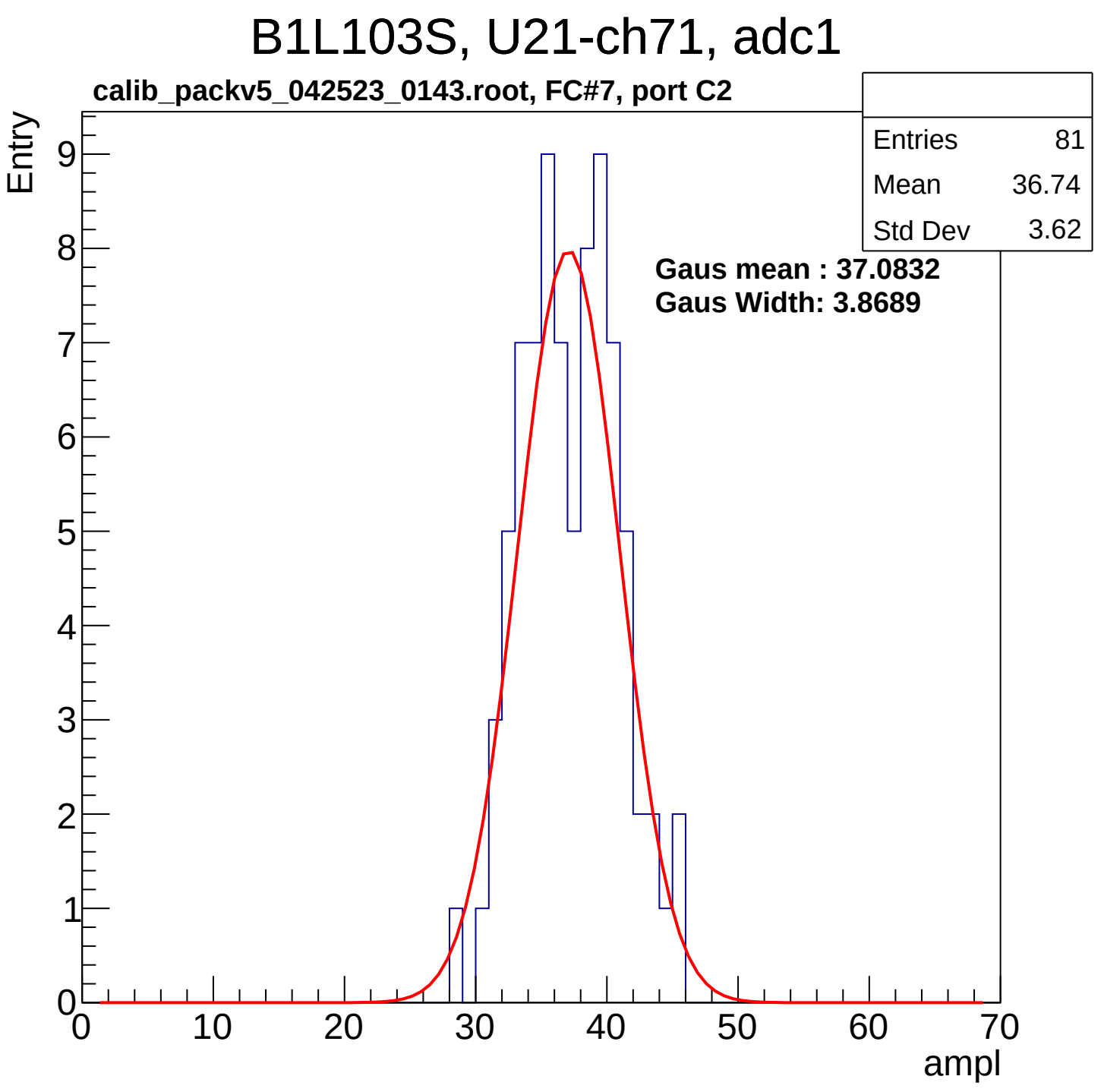

B1L103S, U21-ch70, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 54.49
Std Dev 3.525
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

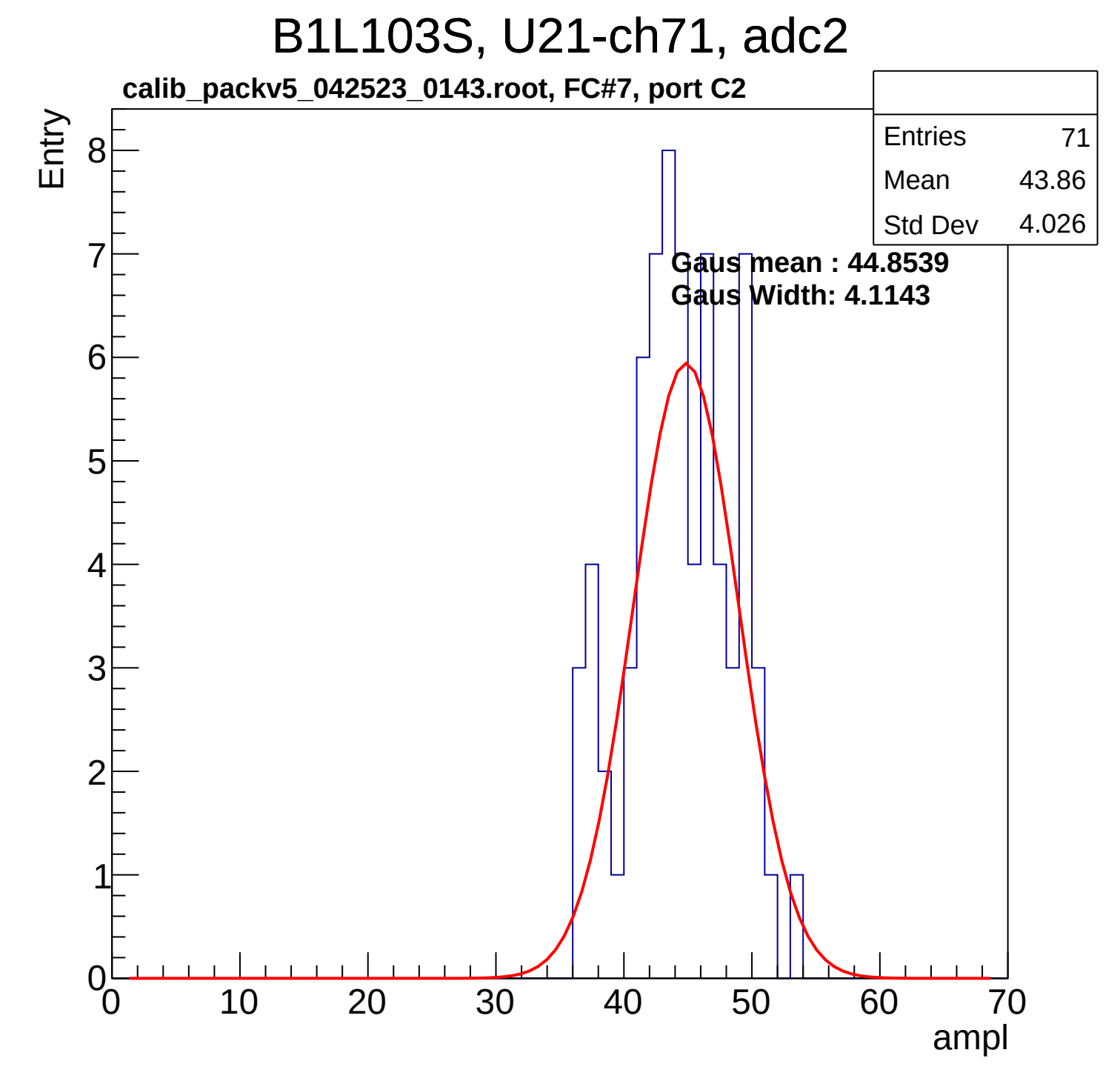

B1L103S, U21-ch70, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 58.86
Std Dev 8.785
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

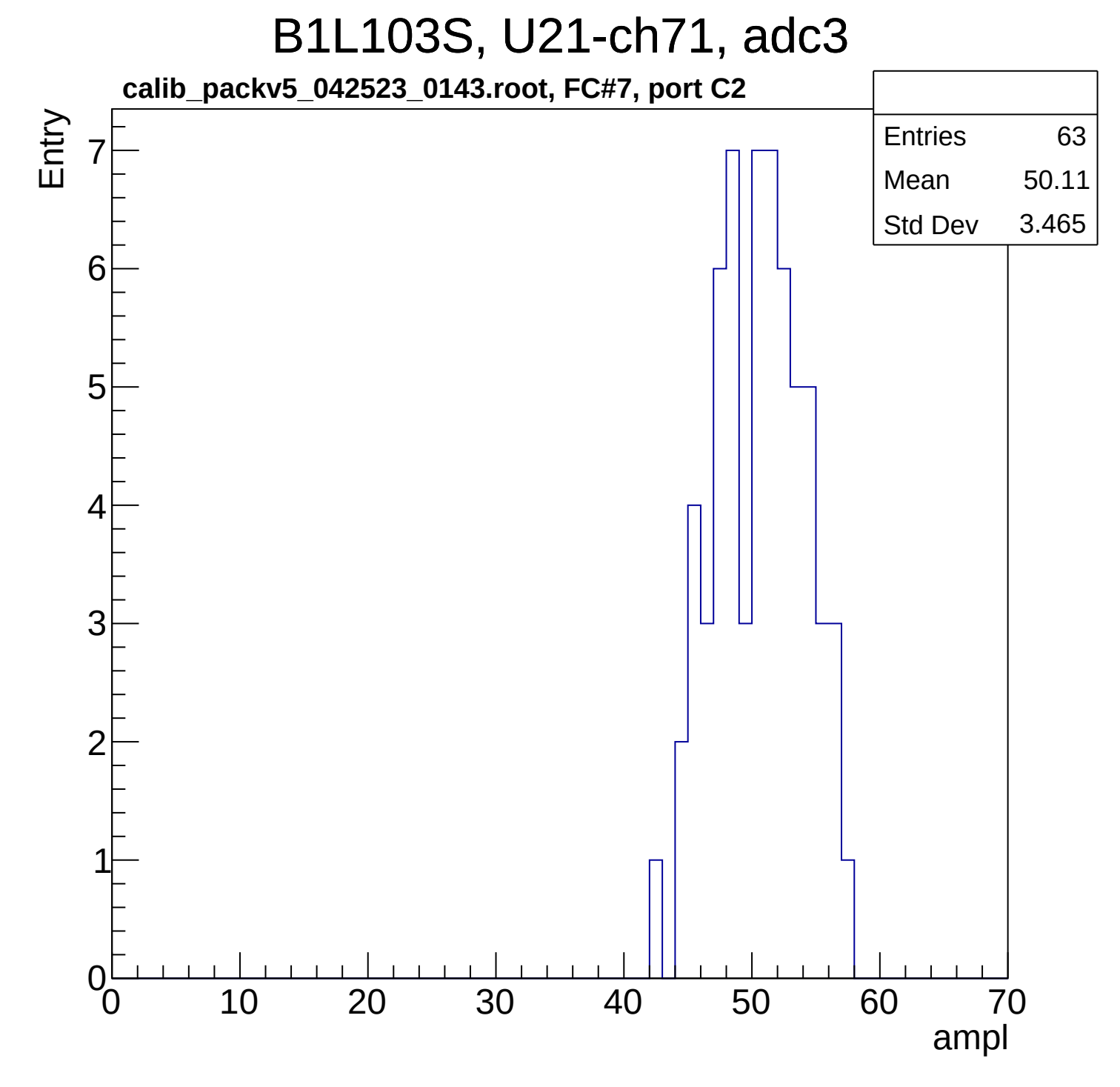

B1L103S, U21-ch70, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 61.8
Std Dev 0.7483
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

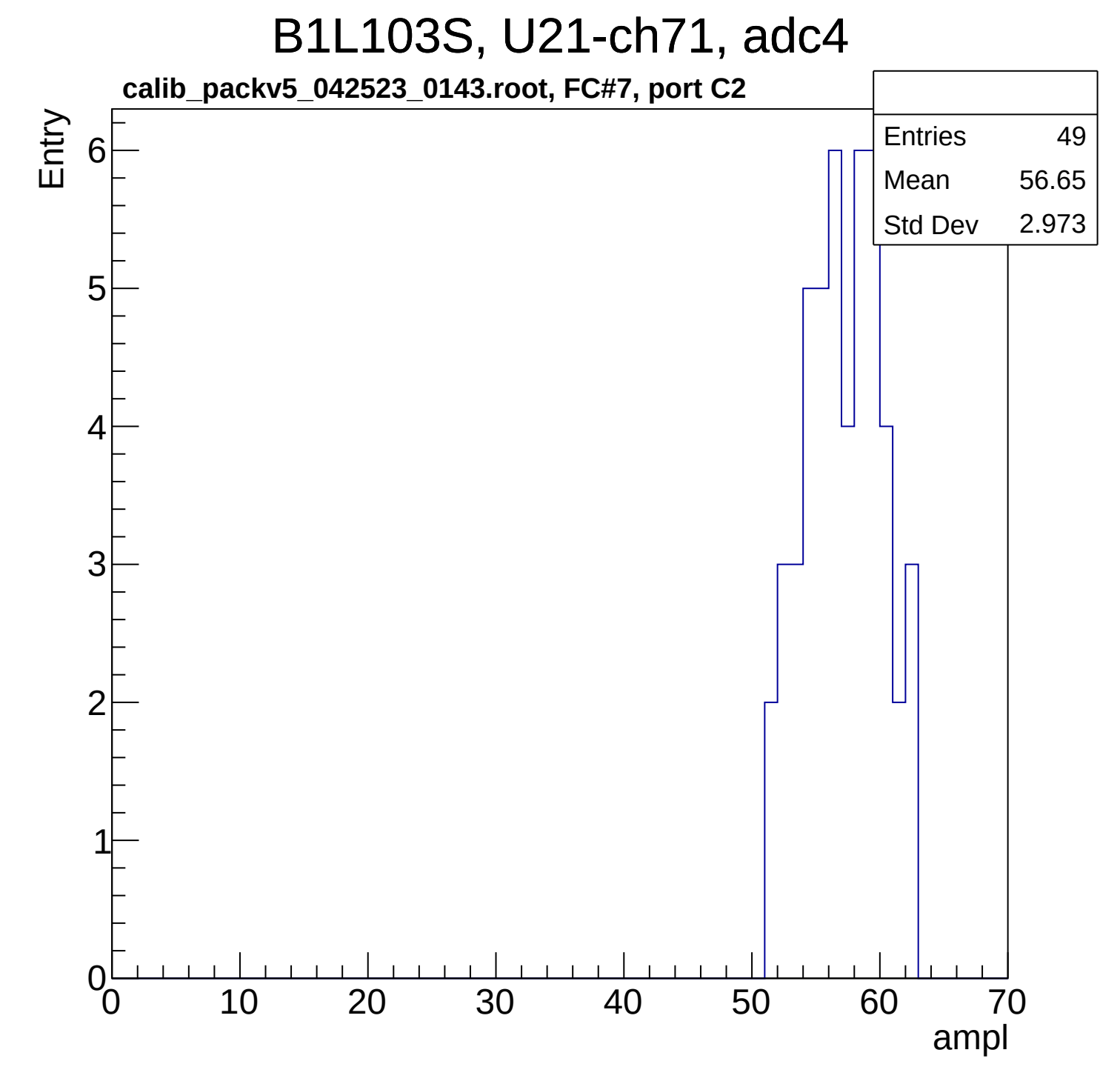

B1L103S, U21-ch70, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

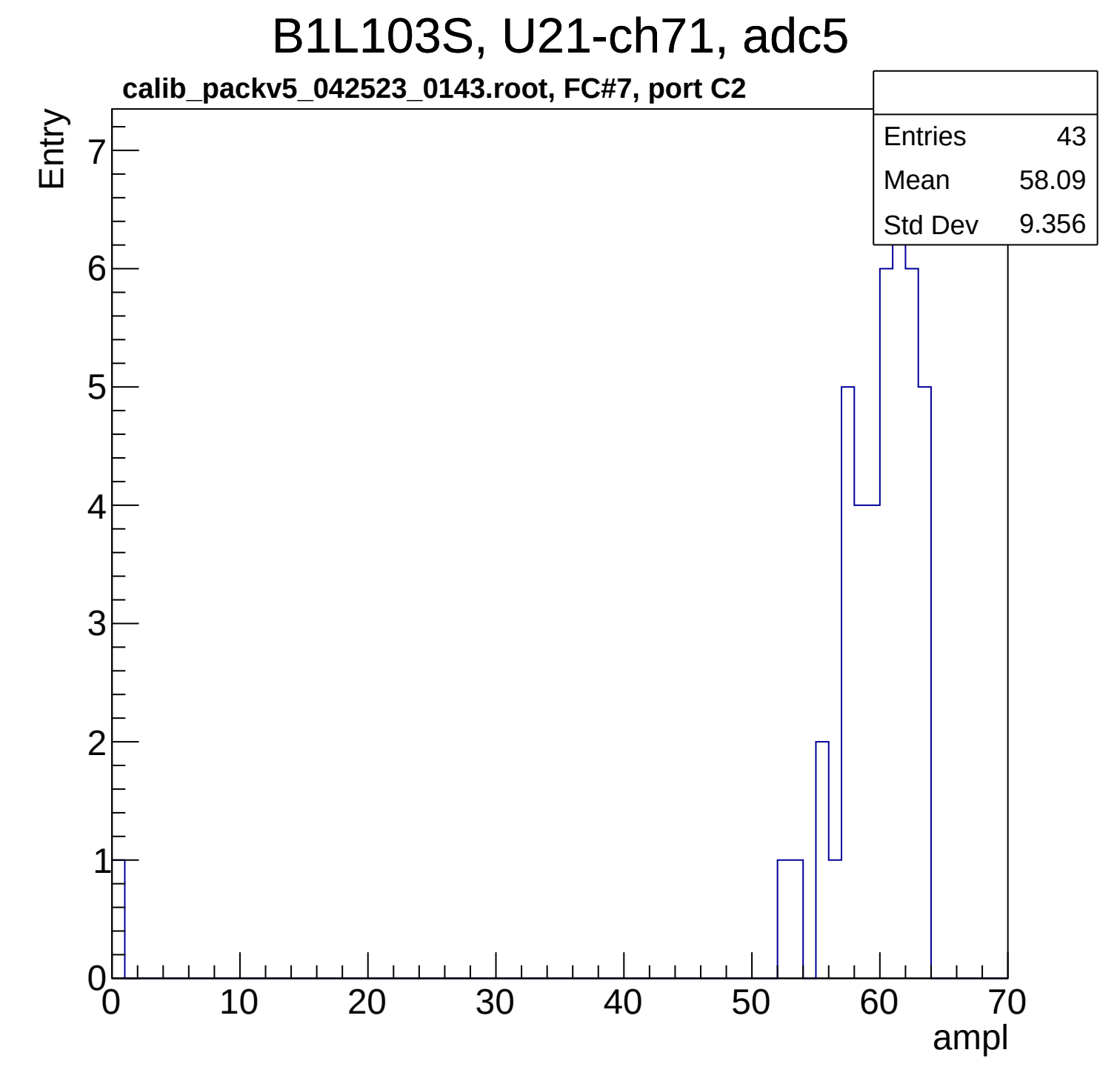

B1L103S, U21-ch71, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 29.67
Std Dev 2.697
Gaus mean : 30.0777
Gaus Width: 2.7580
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch71, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 81
Mean 36.74
Std Dev 3.62
Gaus mean : 37.0832
Gaus Width: 3.8689
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch71, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 43.86
Std Dev 4.026
Gaus mean : 44.8539
Gaus Width: 4.1143
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch71, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 50.11
Std Dev 3.465
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch71, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 56.65
Std Dev 2.973
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L103S, U21-ch71, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 43
Mean 58.09
Std Dev 9.356
Entry
ampl
0
1
2
3
4
5
6
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0
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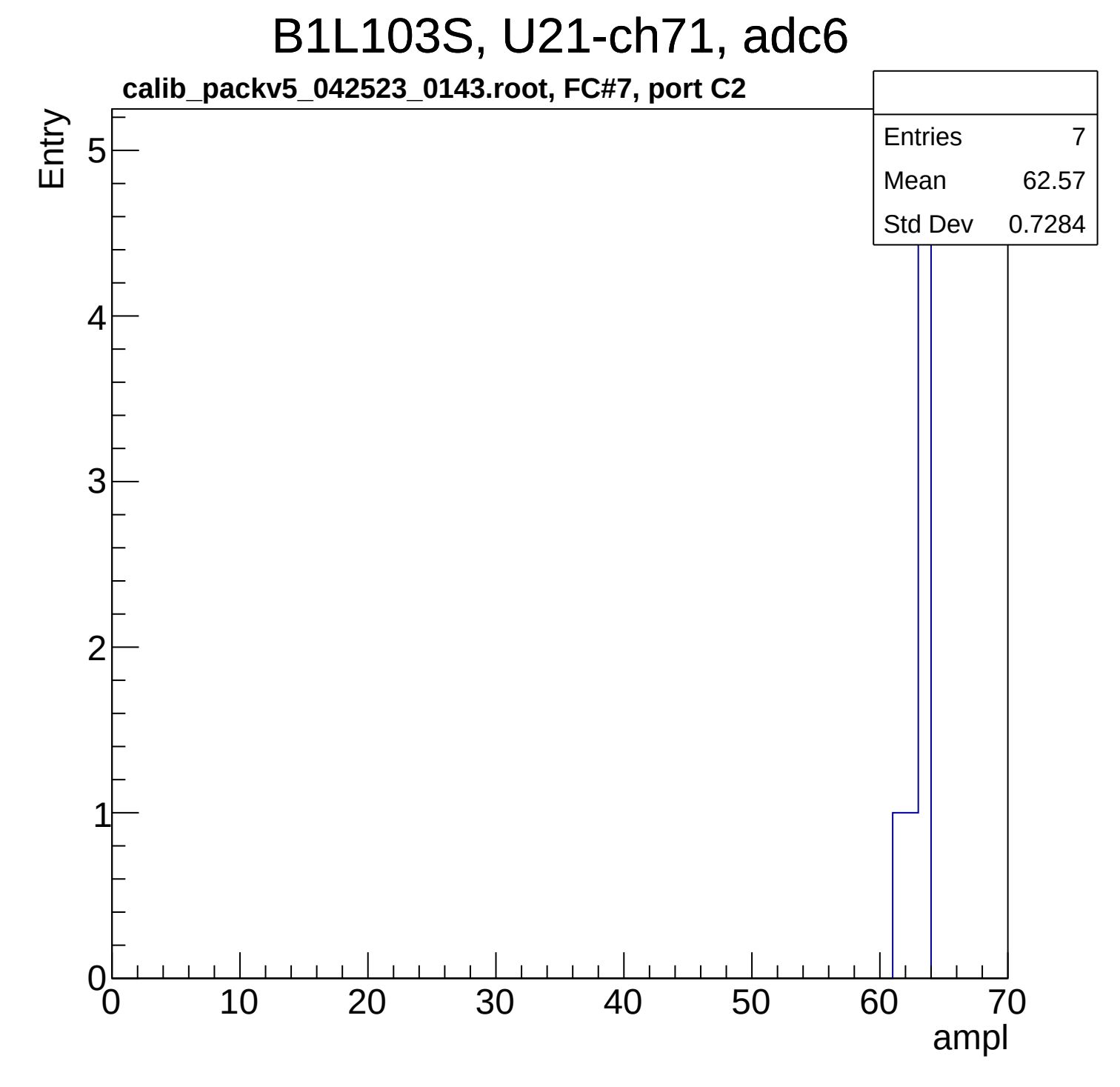
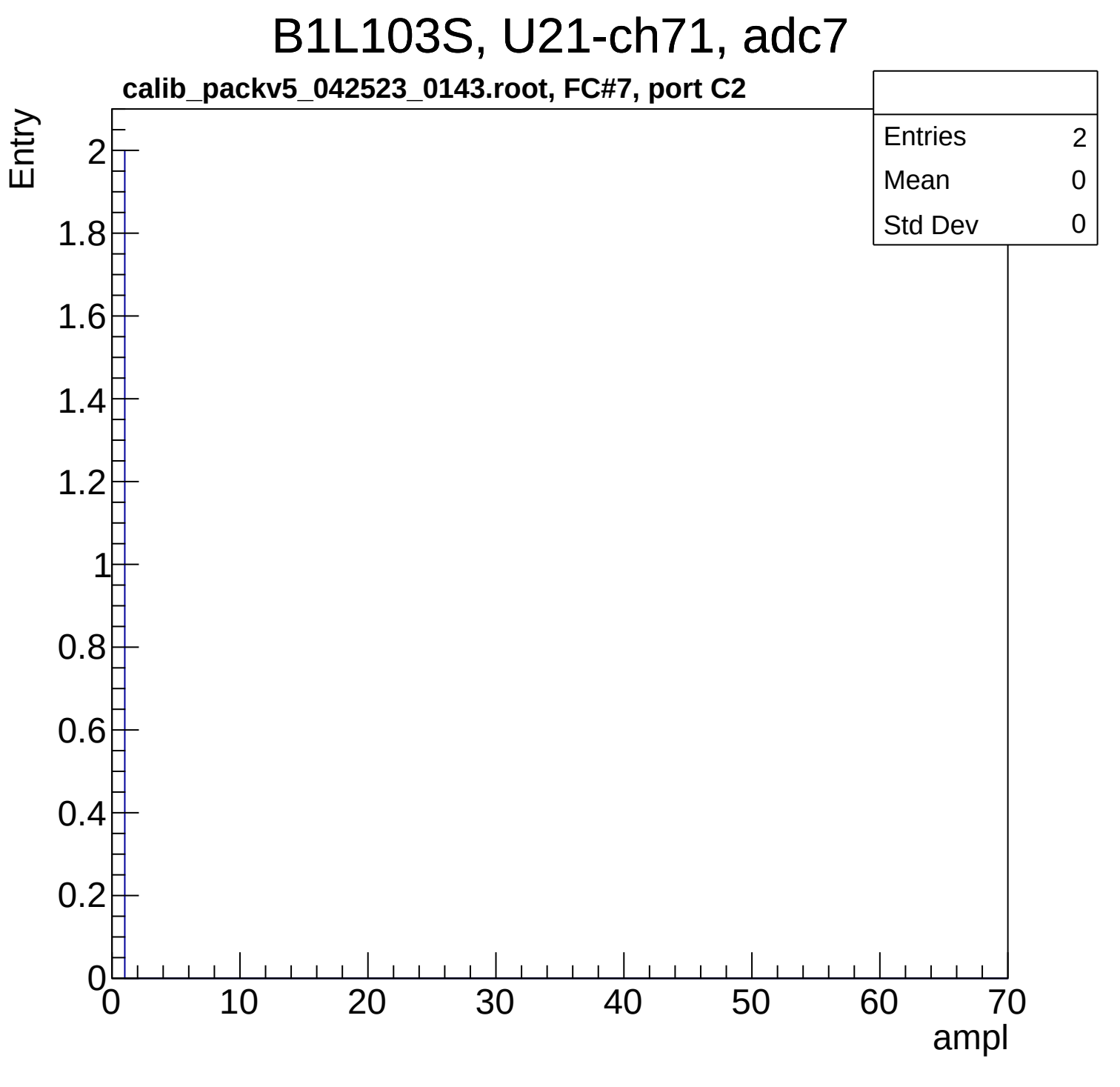
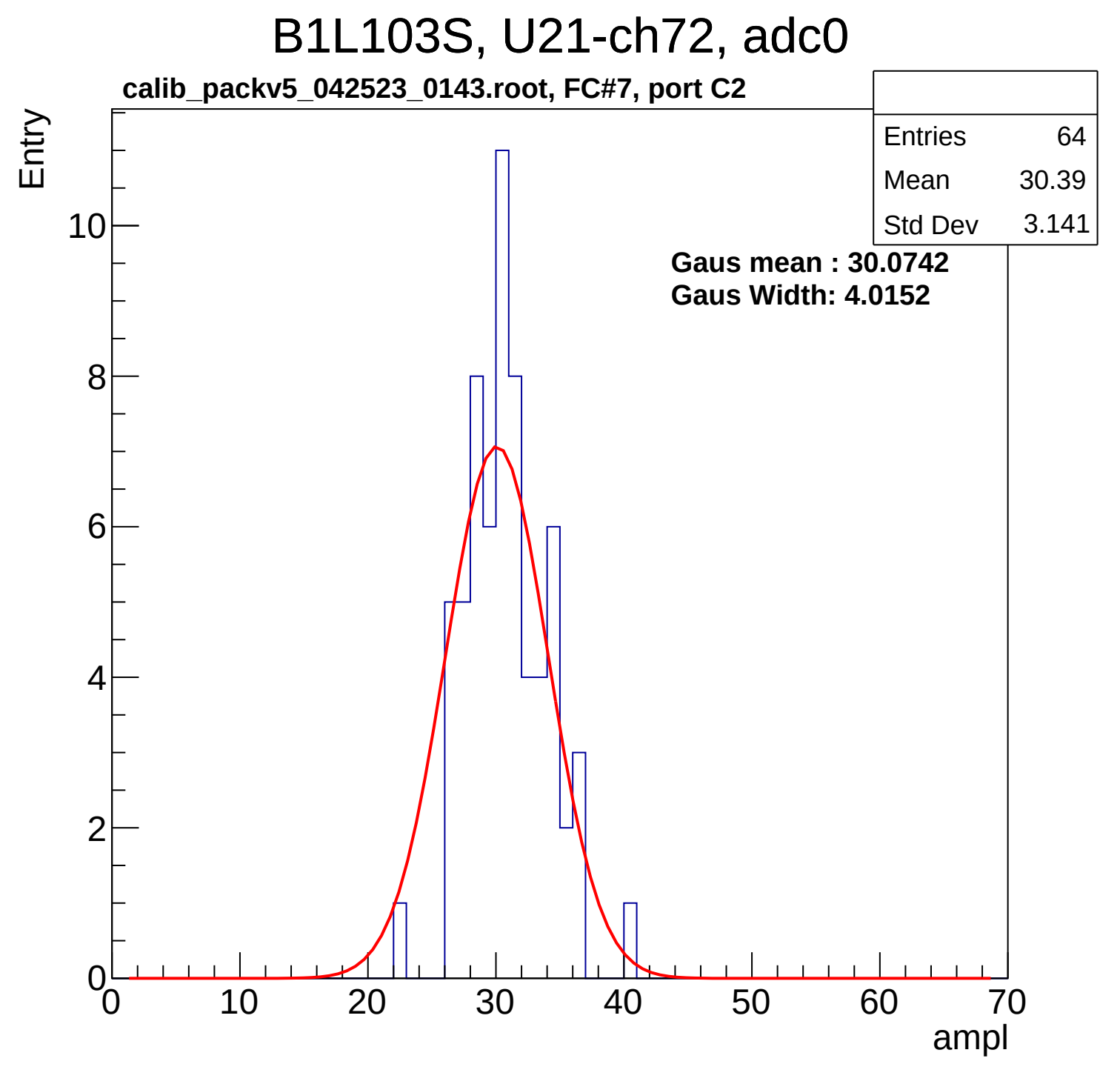
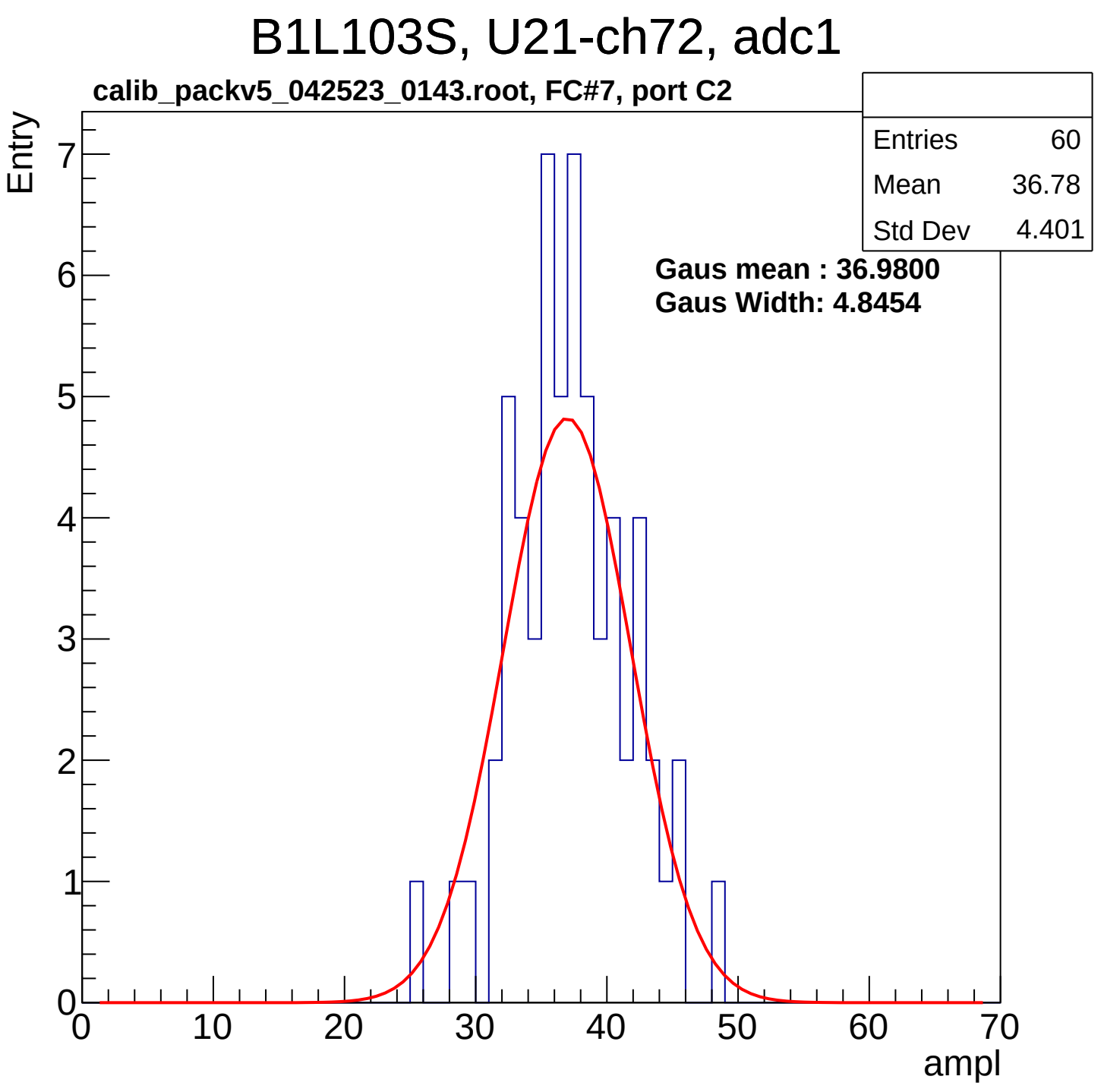
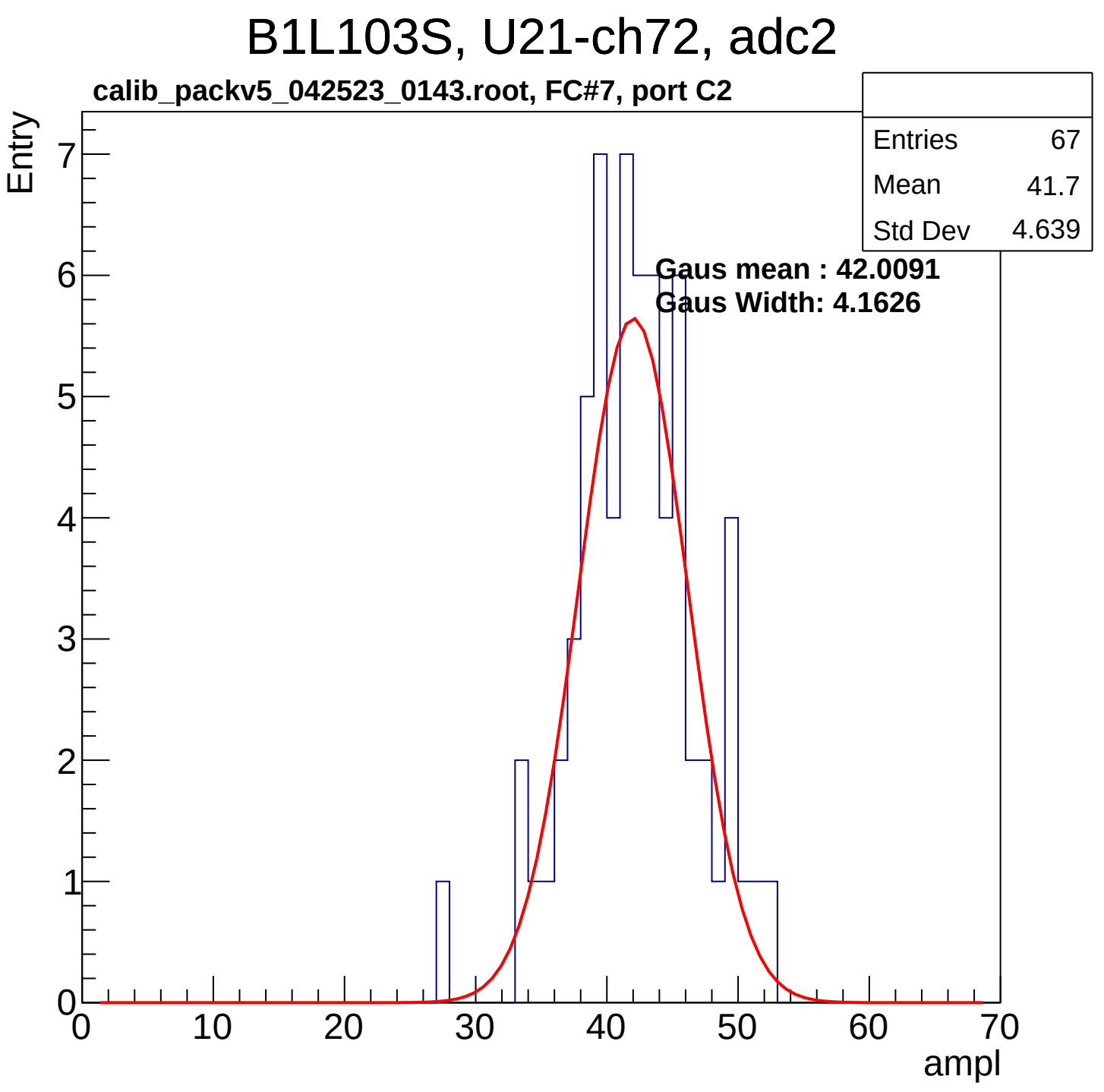
20
30
40
50
60
70

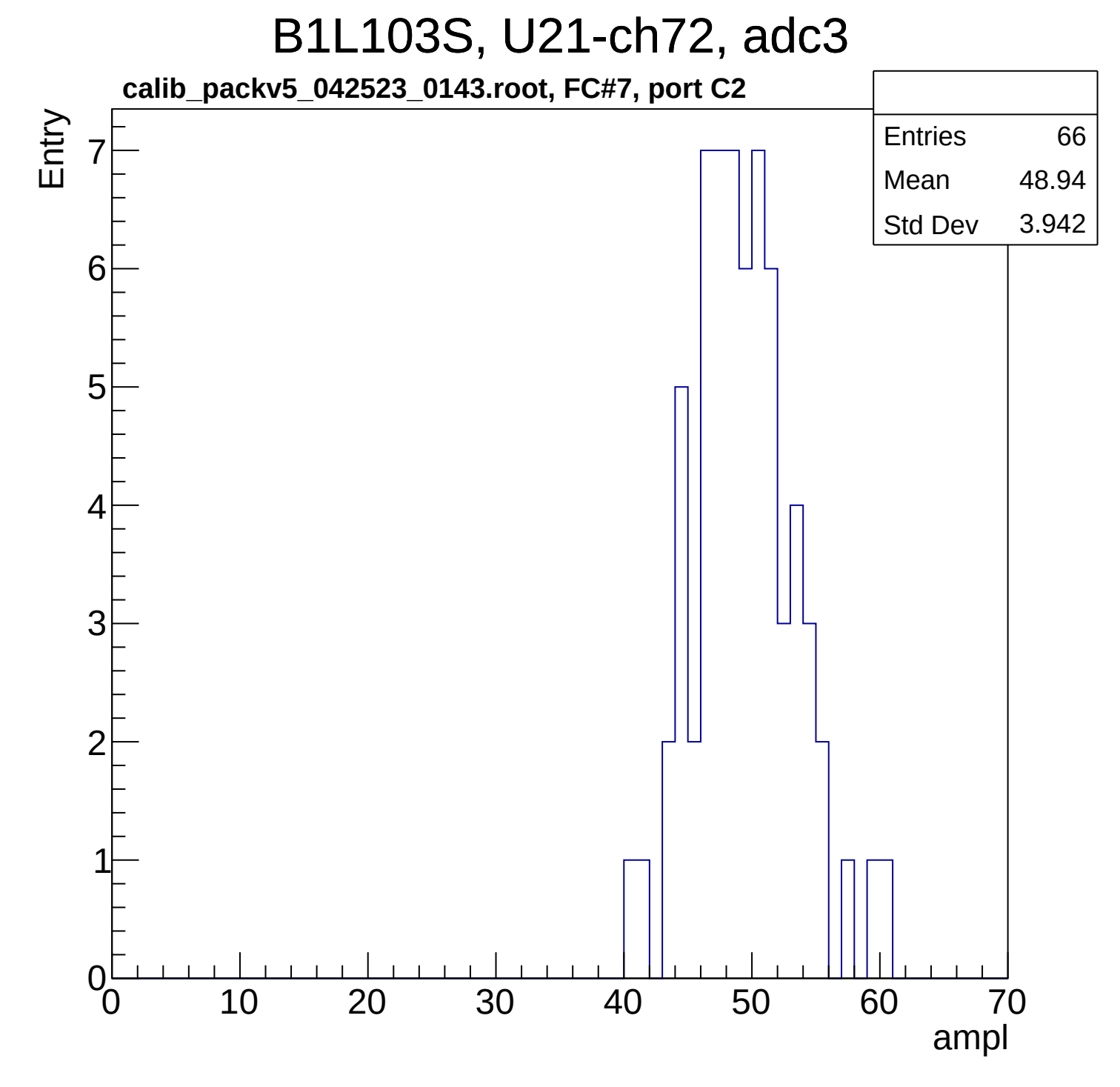

B1L103S, U21-ch71, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 7
Mean 62.57
Std Dev 0.7284
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch71, 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, U21-ch72, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 30.39
Std Dev 3.141
Gaus mean : 30.0742
Gaus Width: 4.0152
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U21-ch72, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 36.78
Std Dev 4.401
Gaus mean : 36.9800
Gaus Width: 4.8454
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch72, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 41.7
Std Dev 4.639
Gaus mean : 42.0091
Gaus Width: 4.1626
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch72, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 48.94
Std Dev 3.942
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
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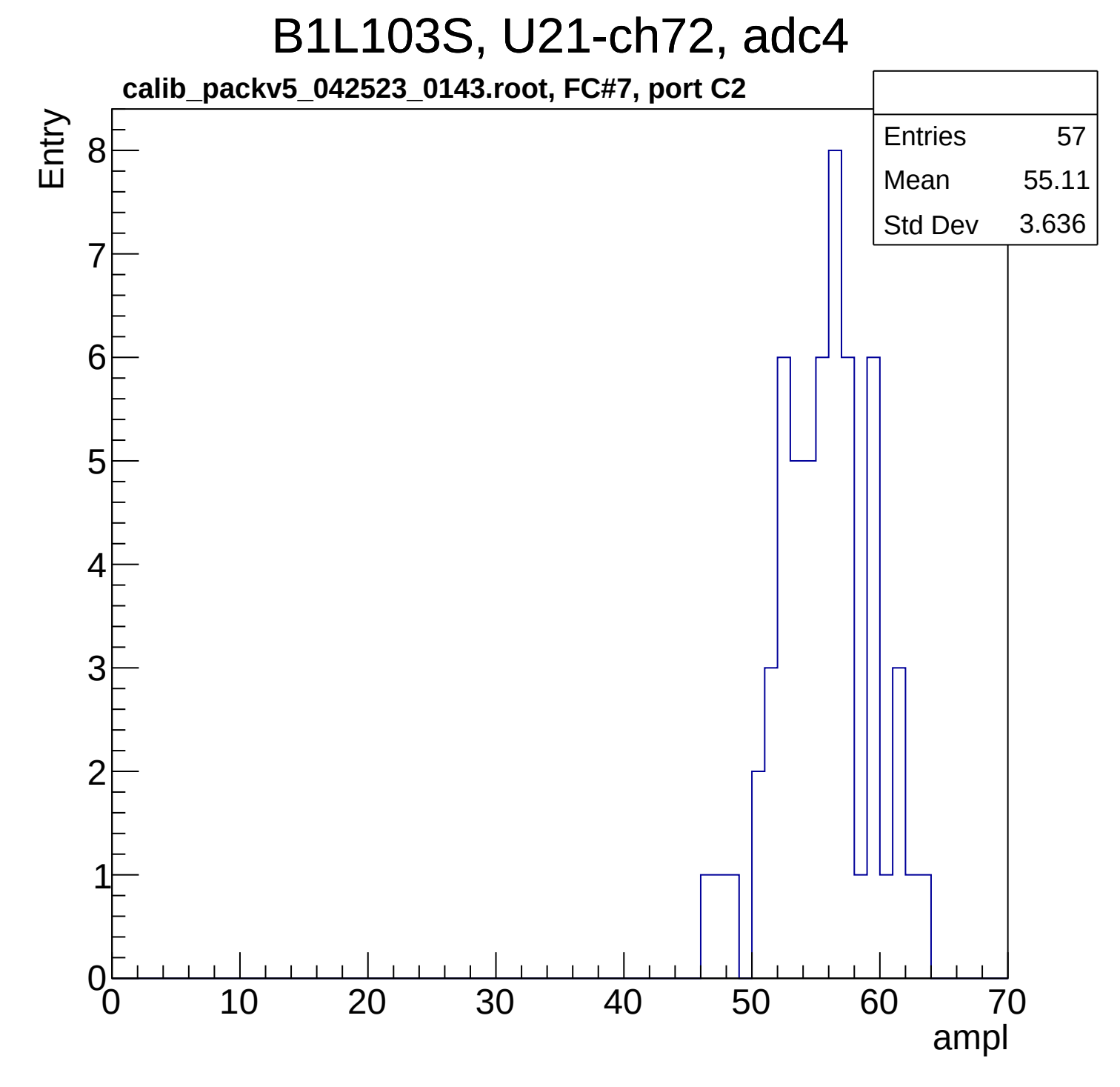
40
50
60
70


B1L103S, U21-ch72, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 55.11
Std Dev 3.636
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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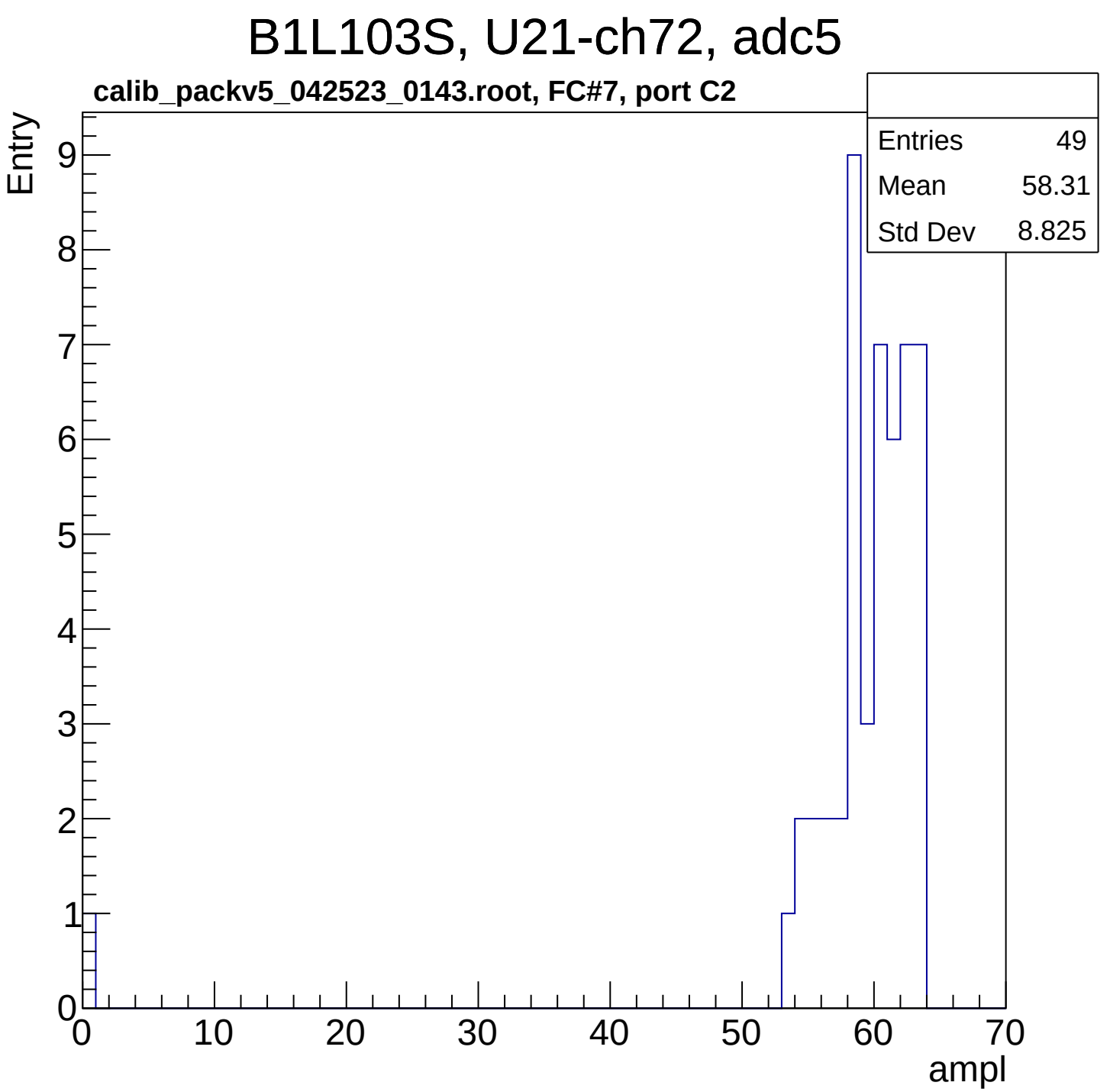
B1L103S, U21-ch72, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 58.31
Std Dev 8.825
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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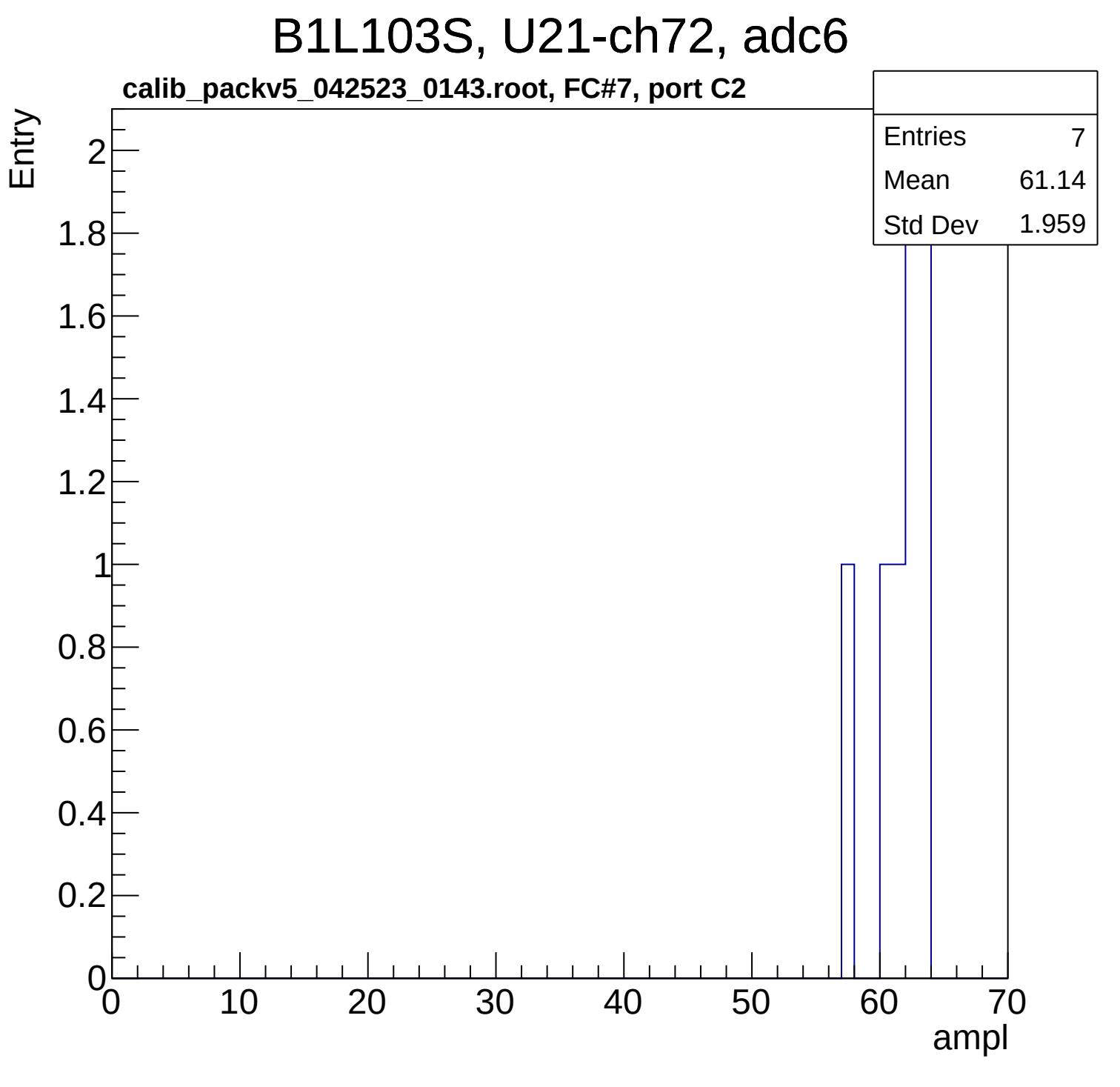
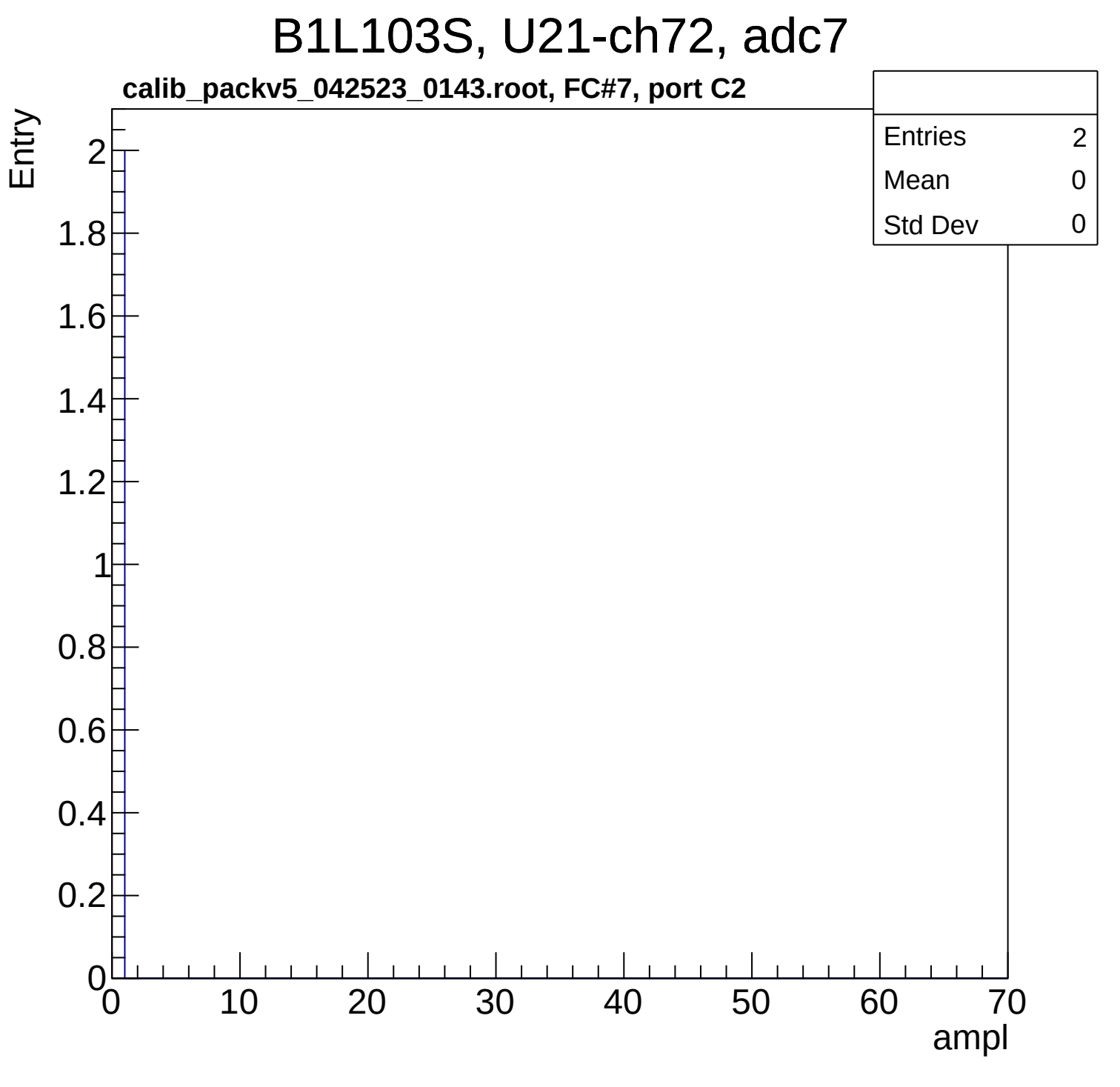
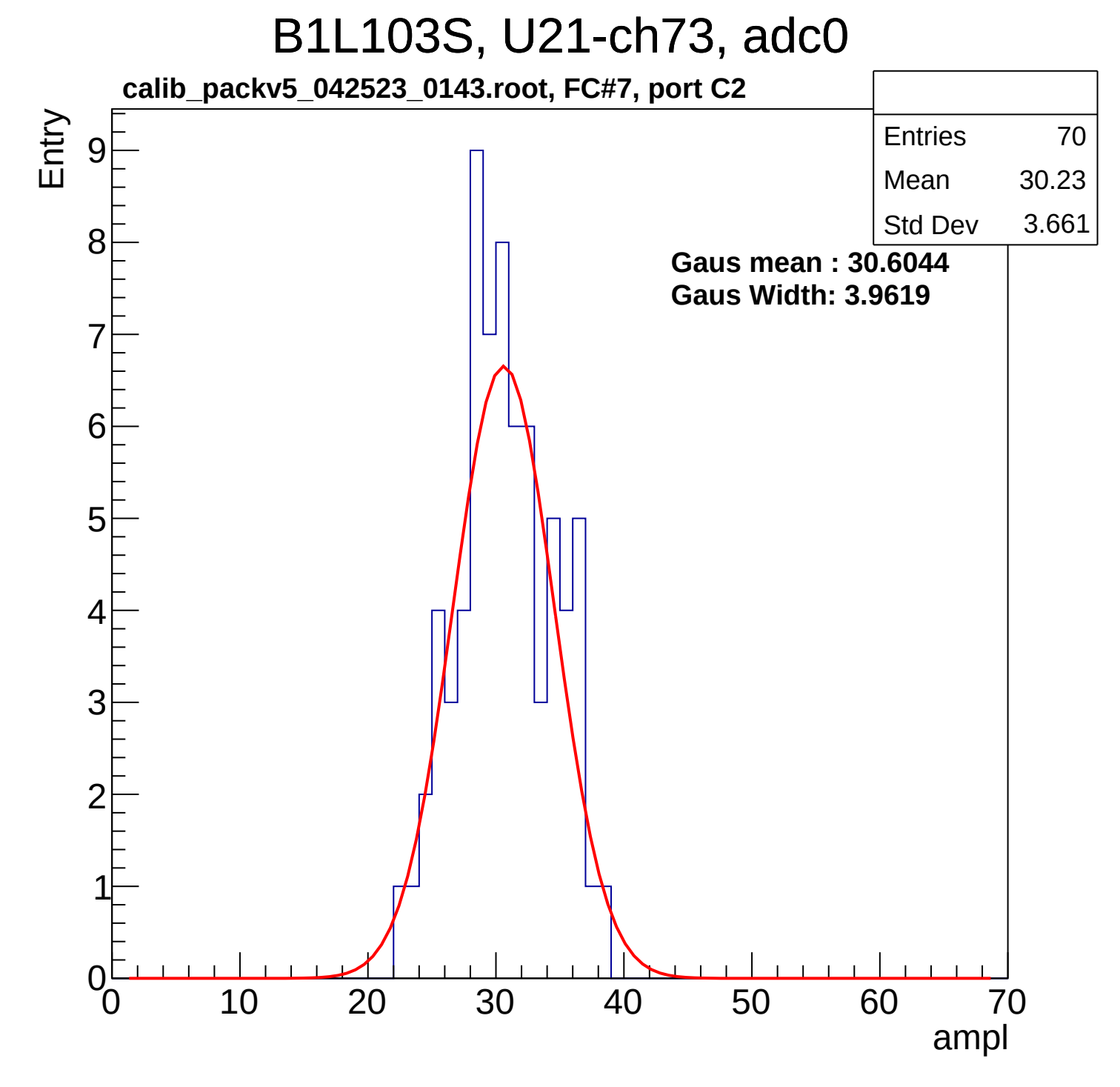
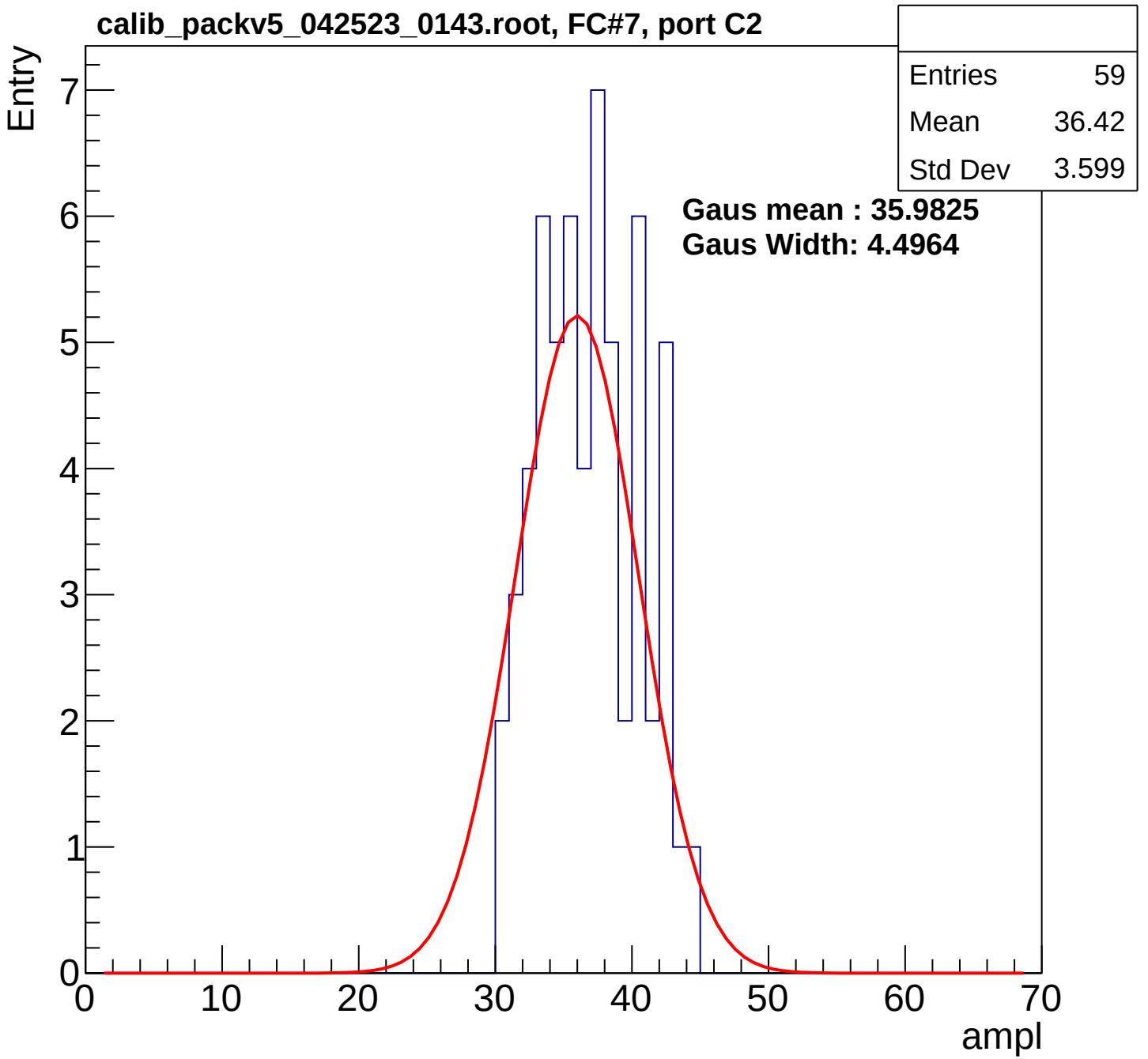
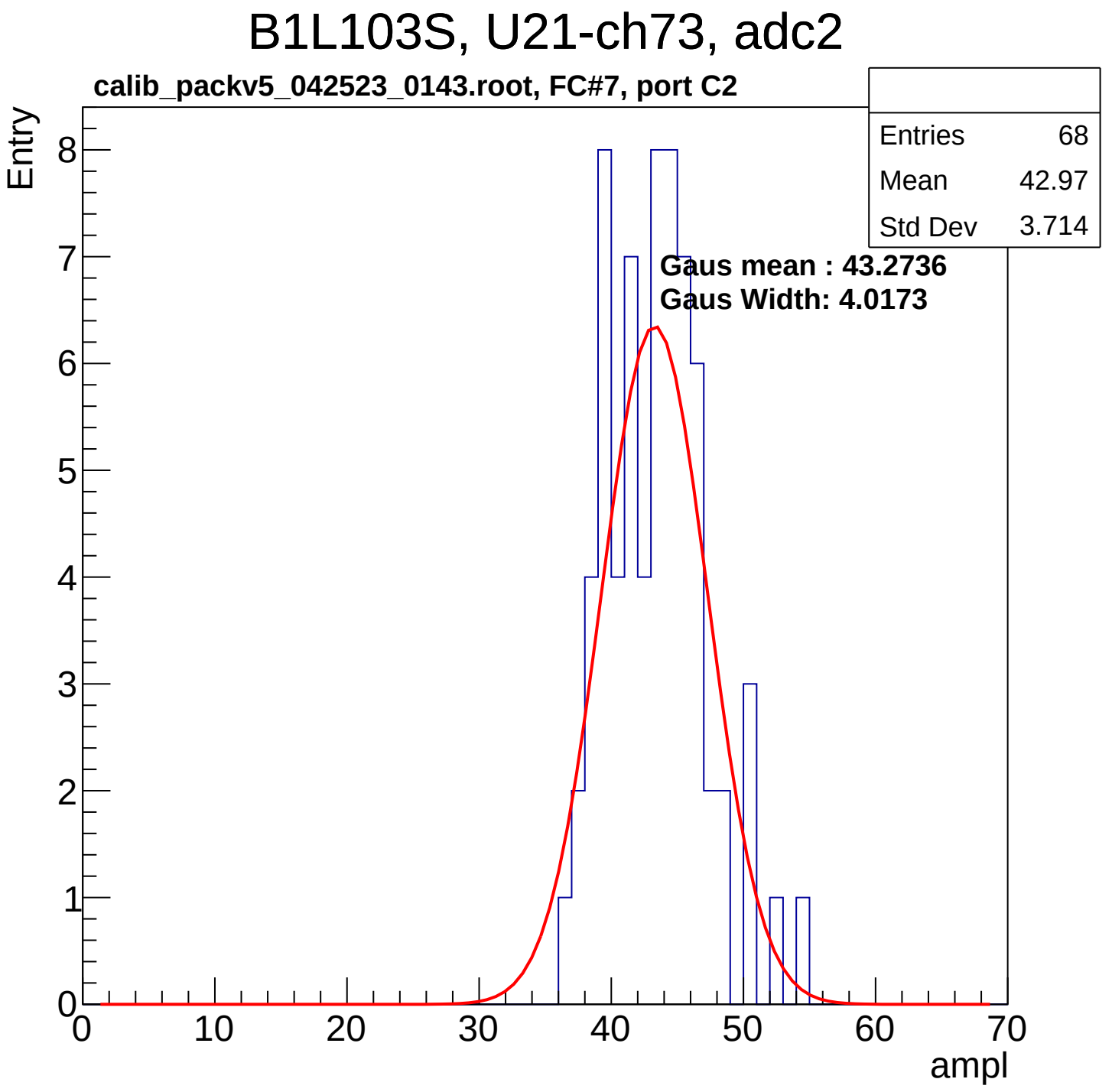
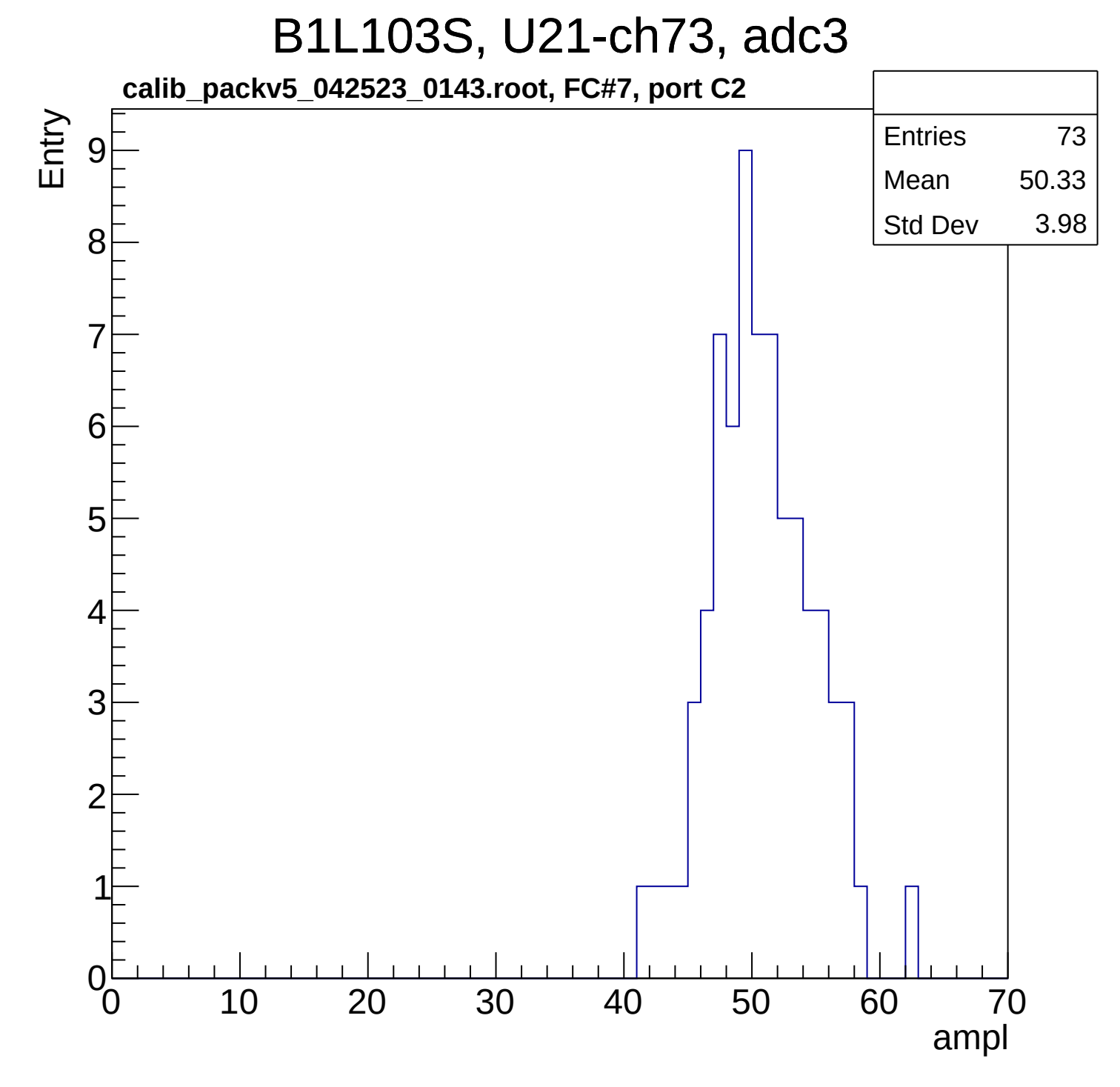

B1L103S, U21-ch72, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 7
Mean 61.14
Std Dev 1.959
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L103S, U21-ch72, 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, U21-ch73, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 30.23
Std Dev 3.661
Gaus mean : 30.6044
Gaus Width: 3.9619
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch73, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 36.42
Std Dev 3.599
Gaus mean : 35.9825
Gaus Width: 4.4964
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch73, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 42.97
Std Dev 3.714
Gaus mean : 43.2736
Gaus Width: 4.0173
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch73, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 50.33
Std Dev 3.98
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
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40
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60
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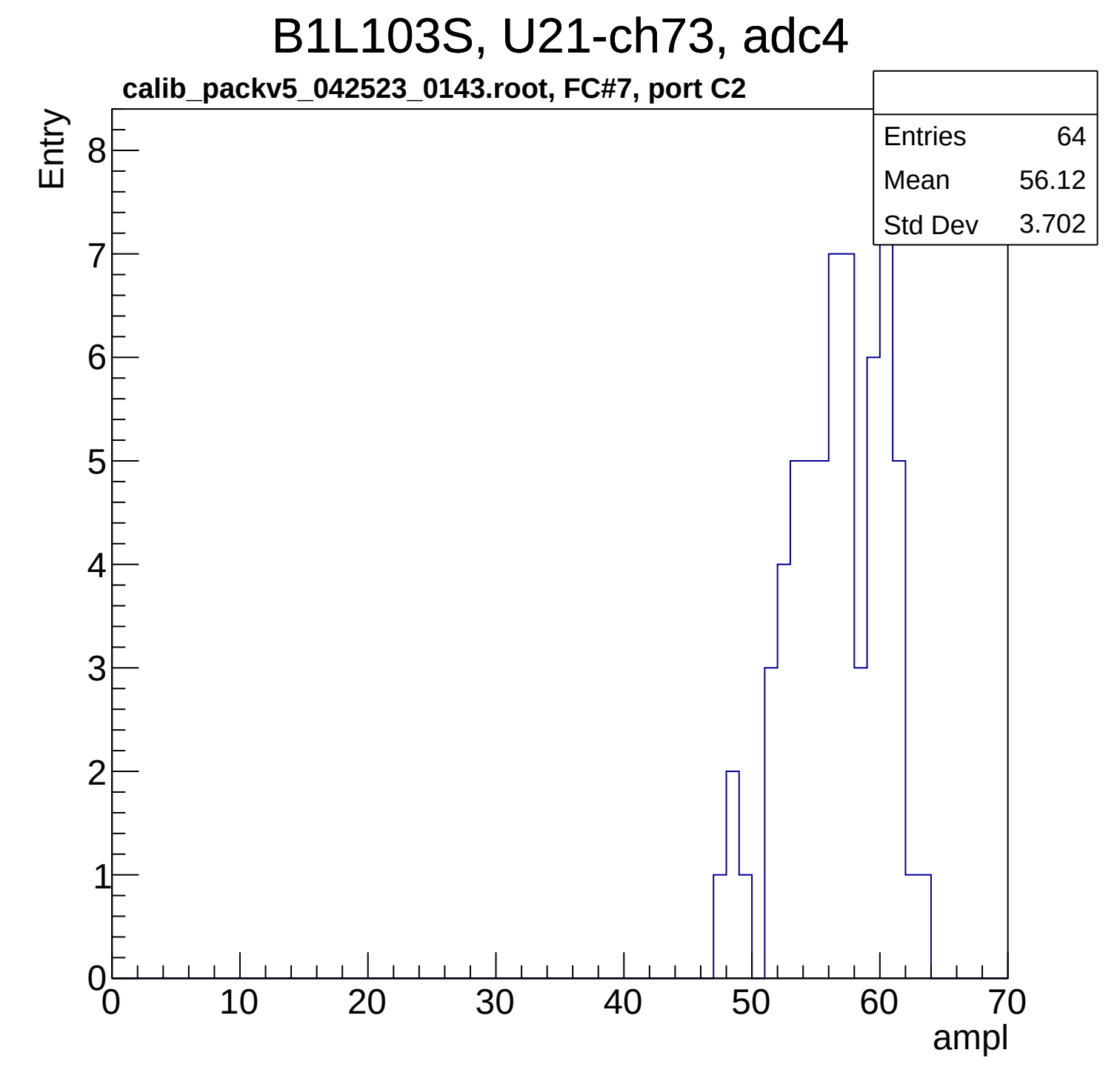
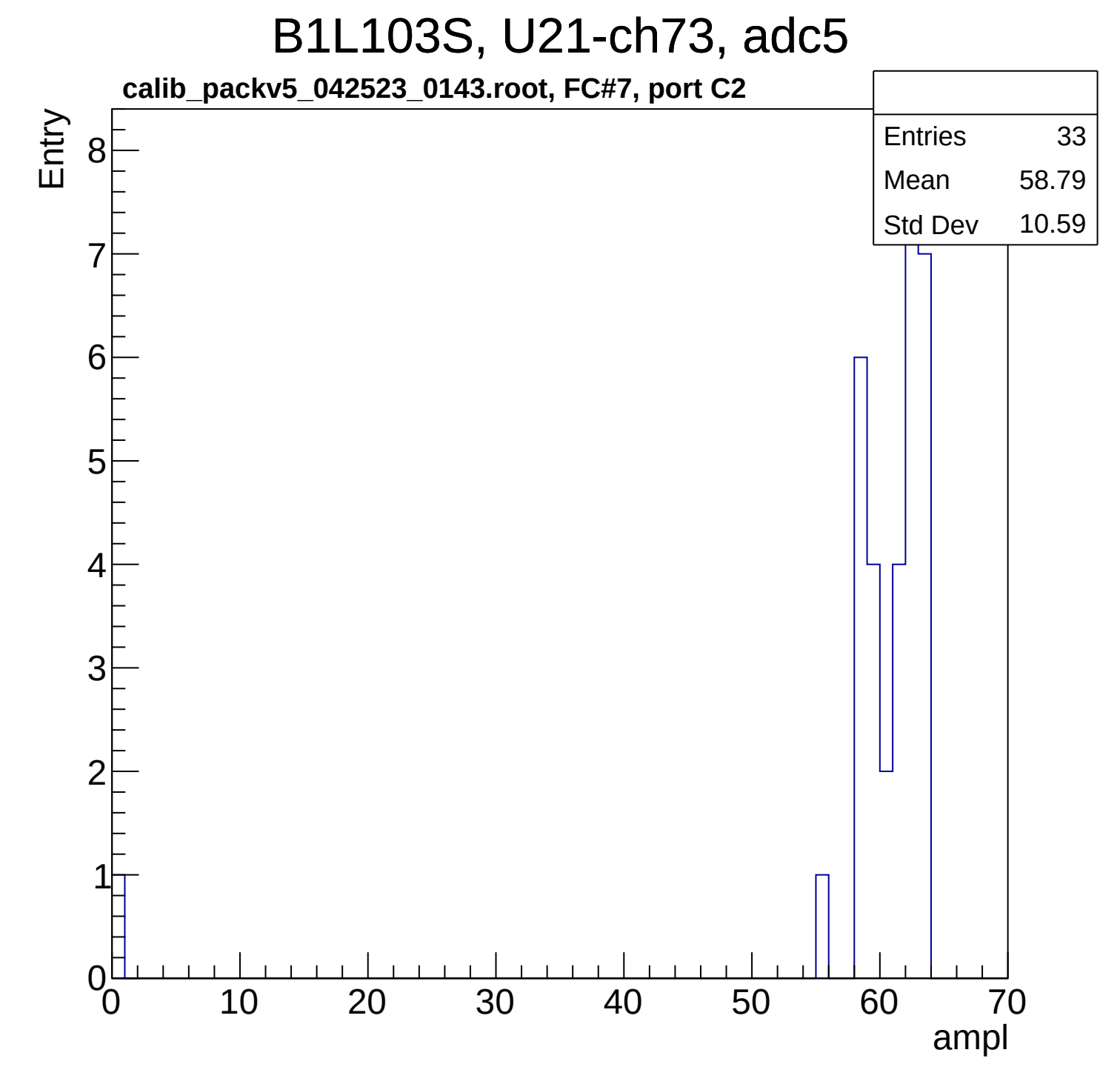

B1L103S, U21-ch73, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 56.12
Std Dev 3.702
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch73, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 33
Mean 58.79
Std Dev 10.59
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
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40
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60
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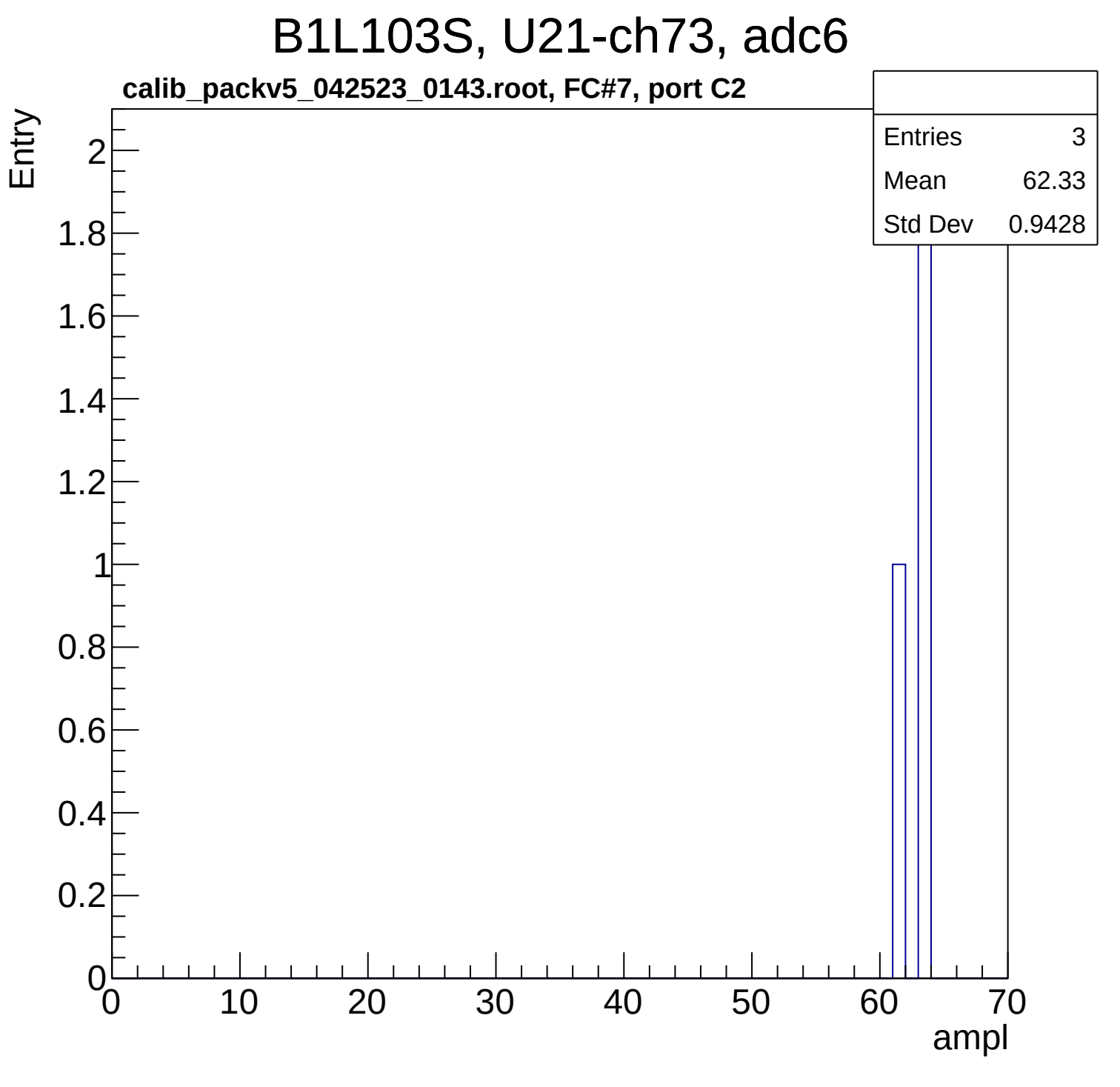
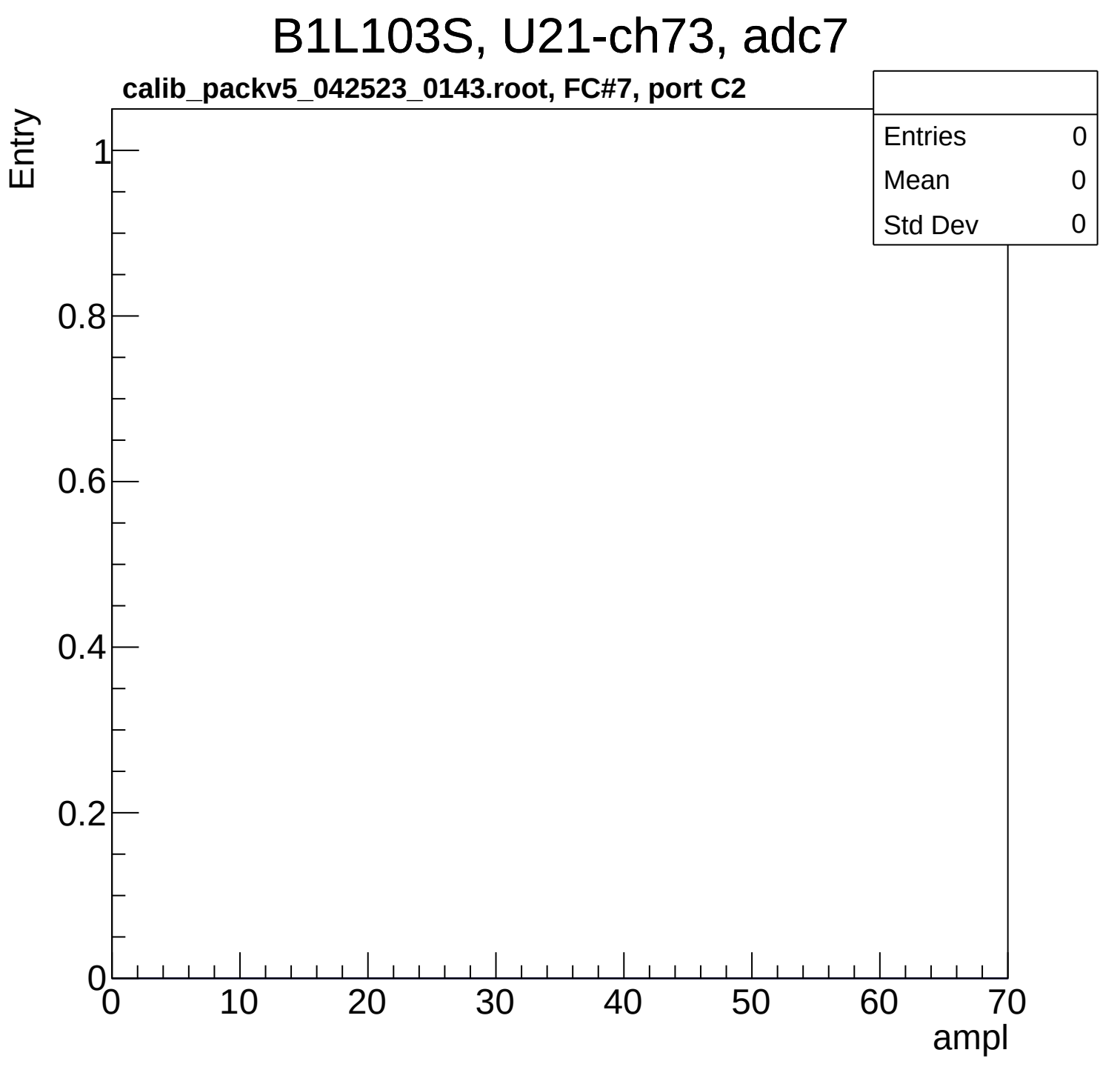
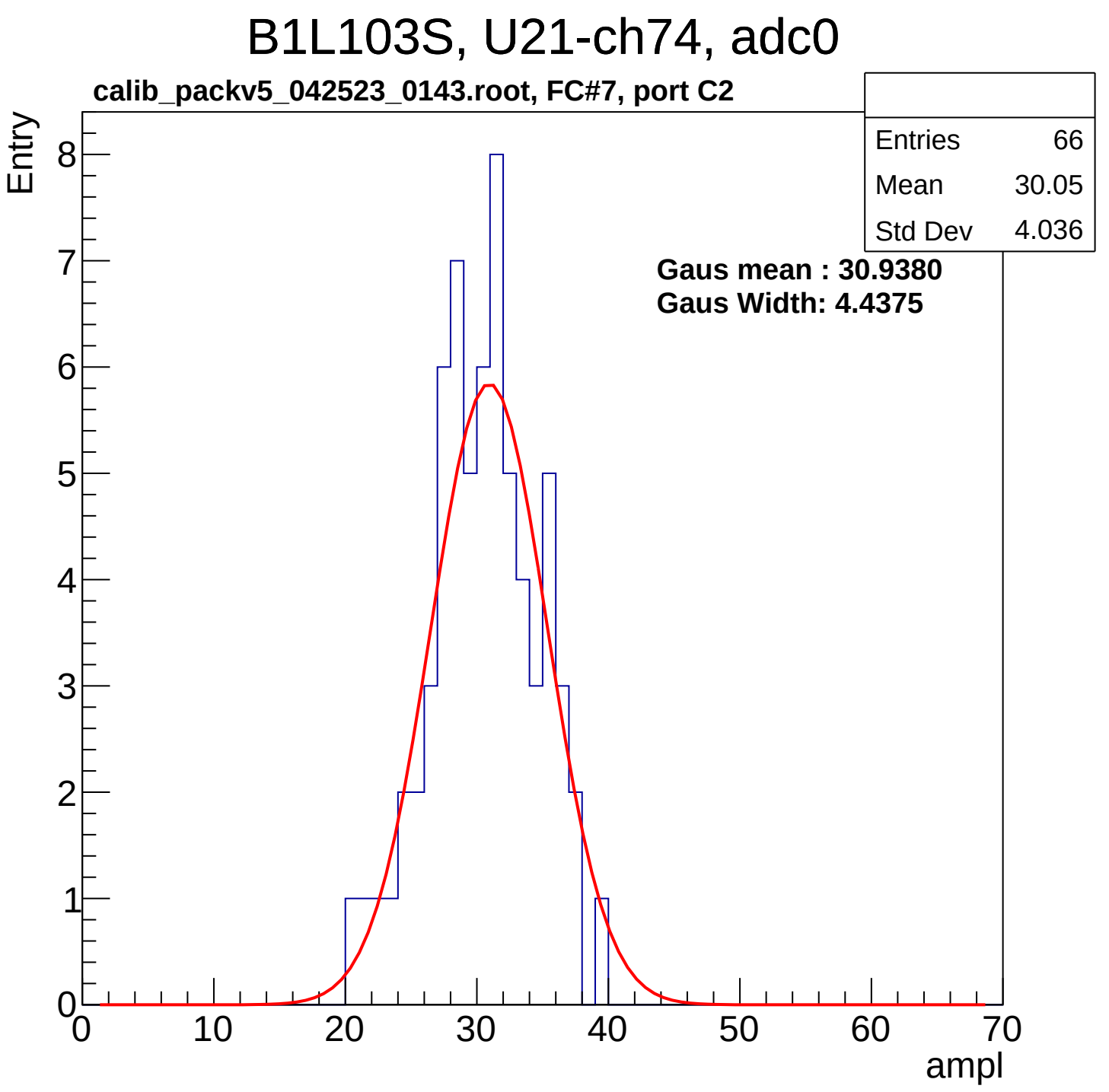
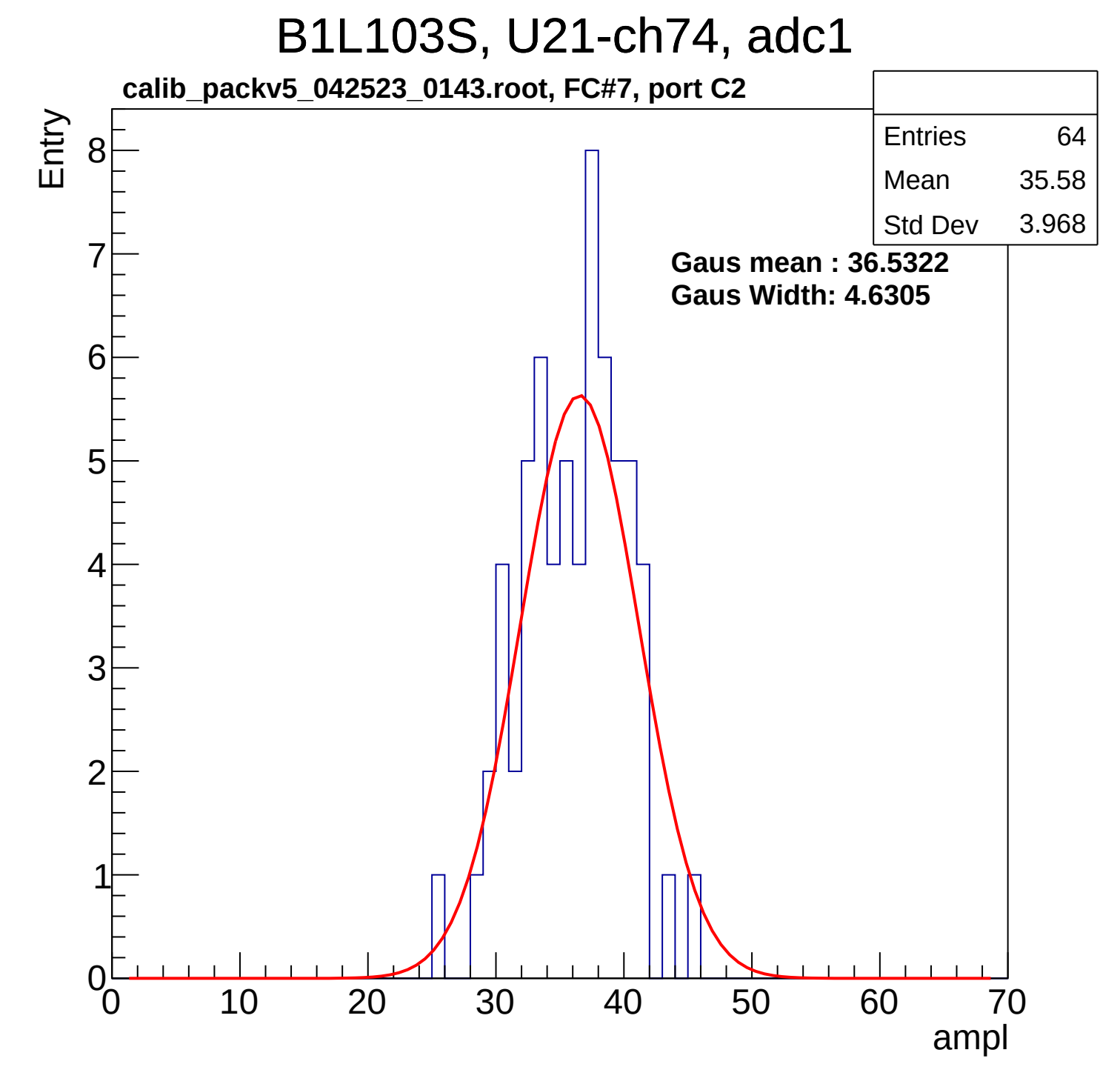
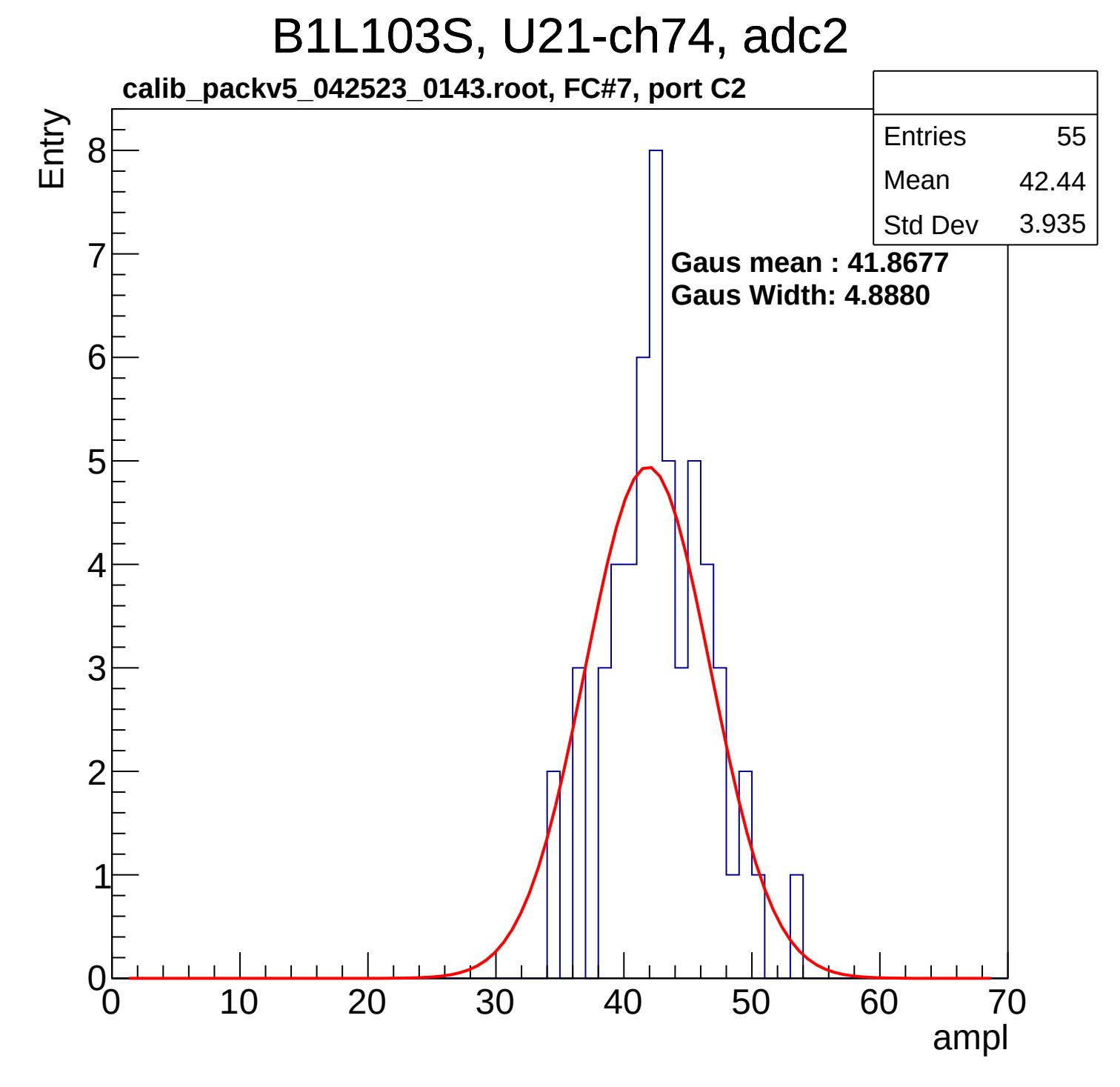
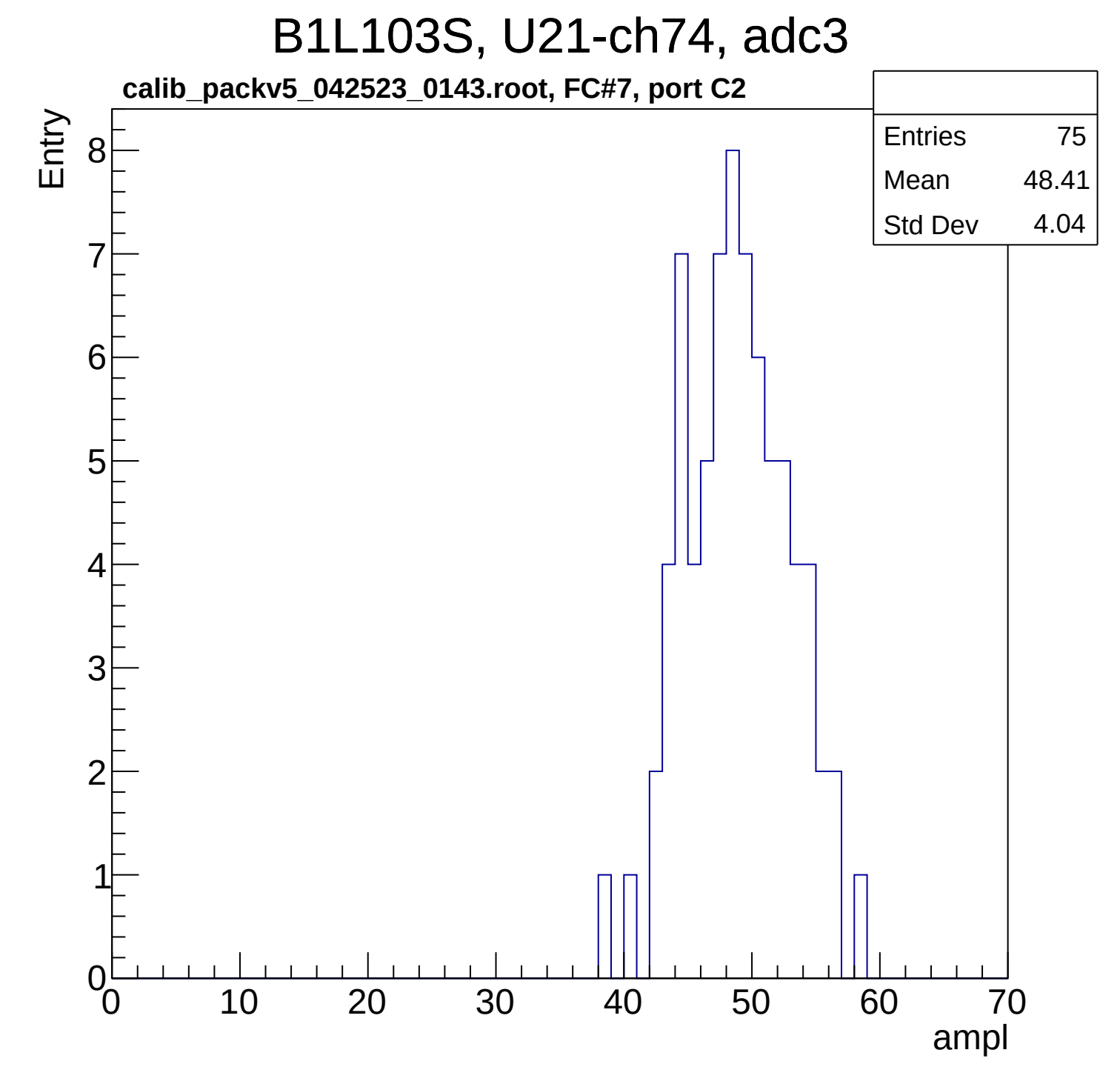

B1L103S, U21-ch73, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 62.33
Std Dev 0.9428
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

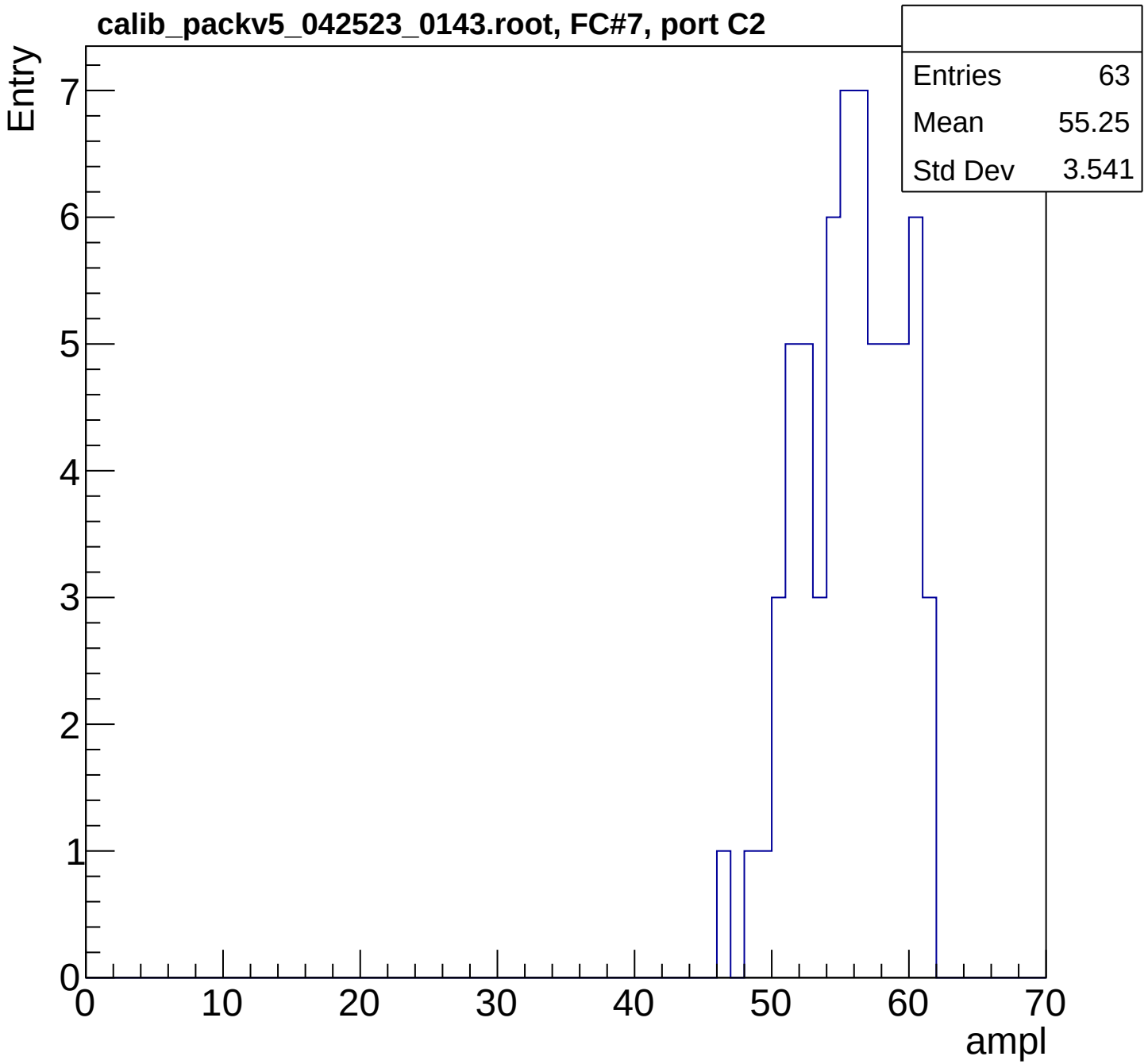

B1L103S, U21-ch73, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch74, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 30.05
Std Dev 4.036
Gaus mean : 30.9380
Gaus Width: 4.4375
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch74, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 35.58
Std Dev 3.968
Gaus mean : 36.5322
Gaus Width: 4.6305
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch74, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 42.44
Std Dev 3.935
Gaus mean : 41.8677
Gaus Width: 4.8880
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch74, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 75
Mean 48.41
Std Dev 4.04
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch74, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 55.25
Std Dev 3.541
Entry
ampl
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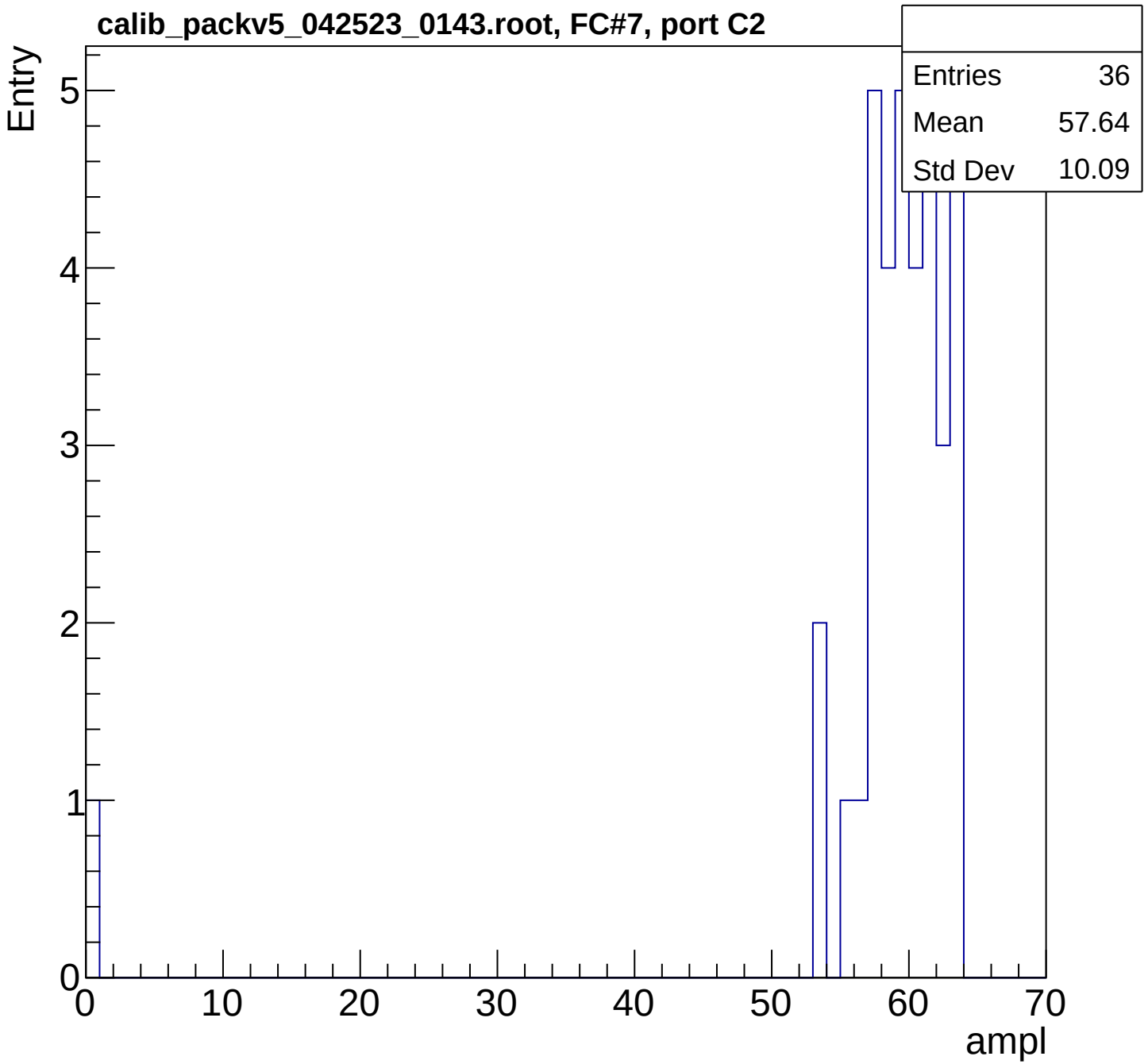
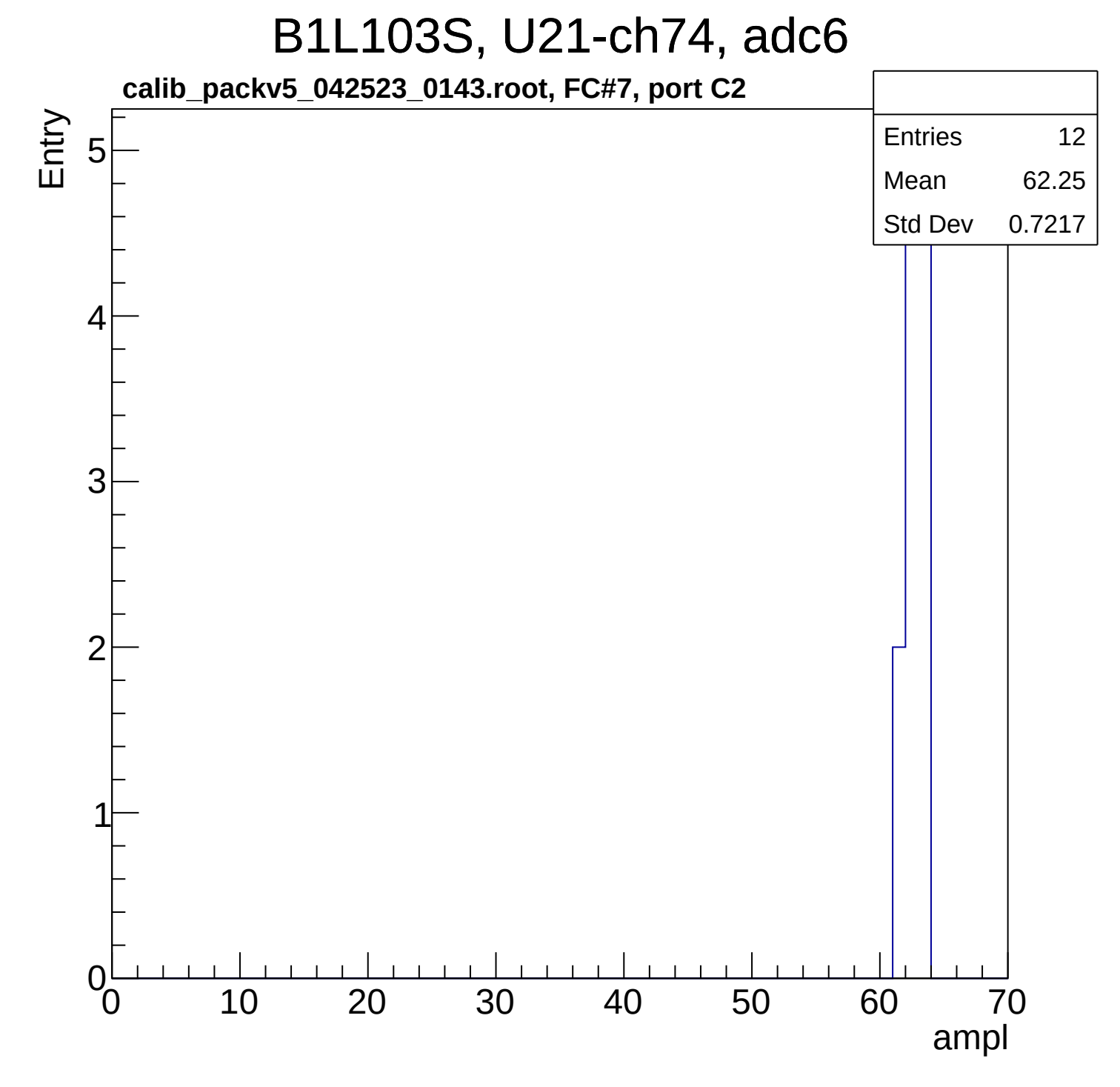
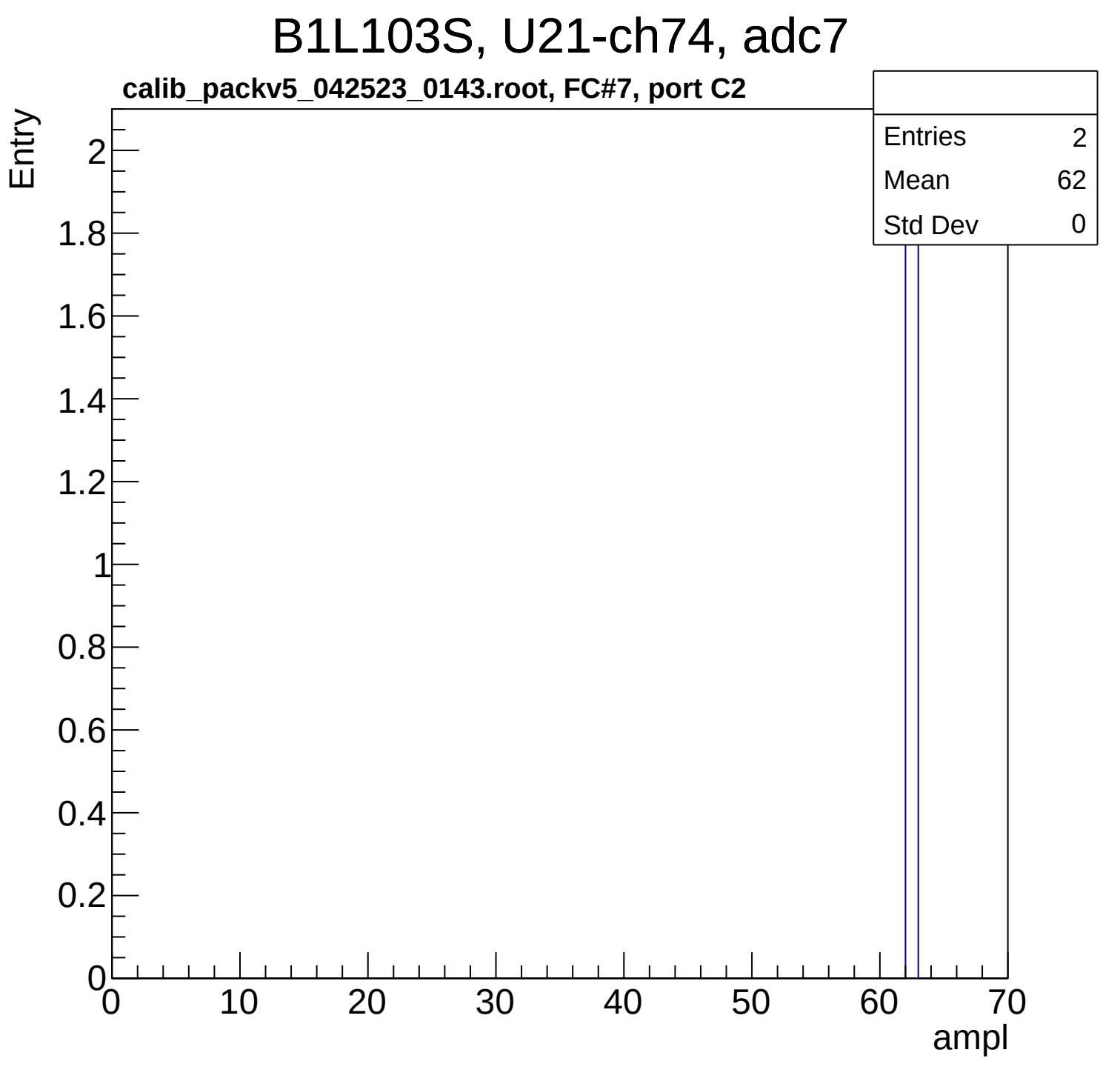
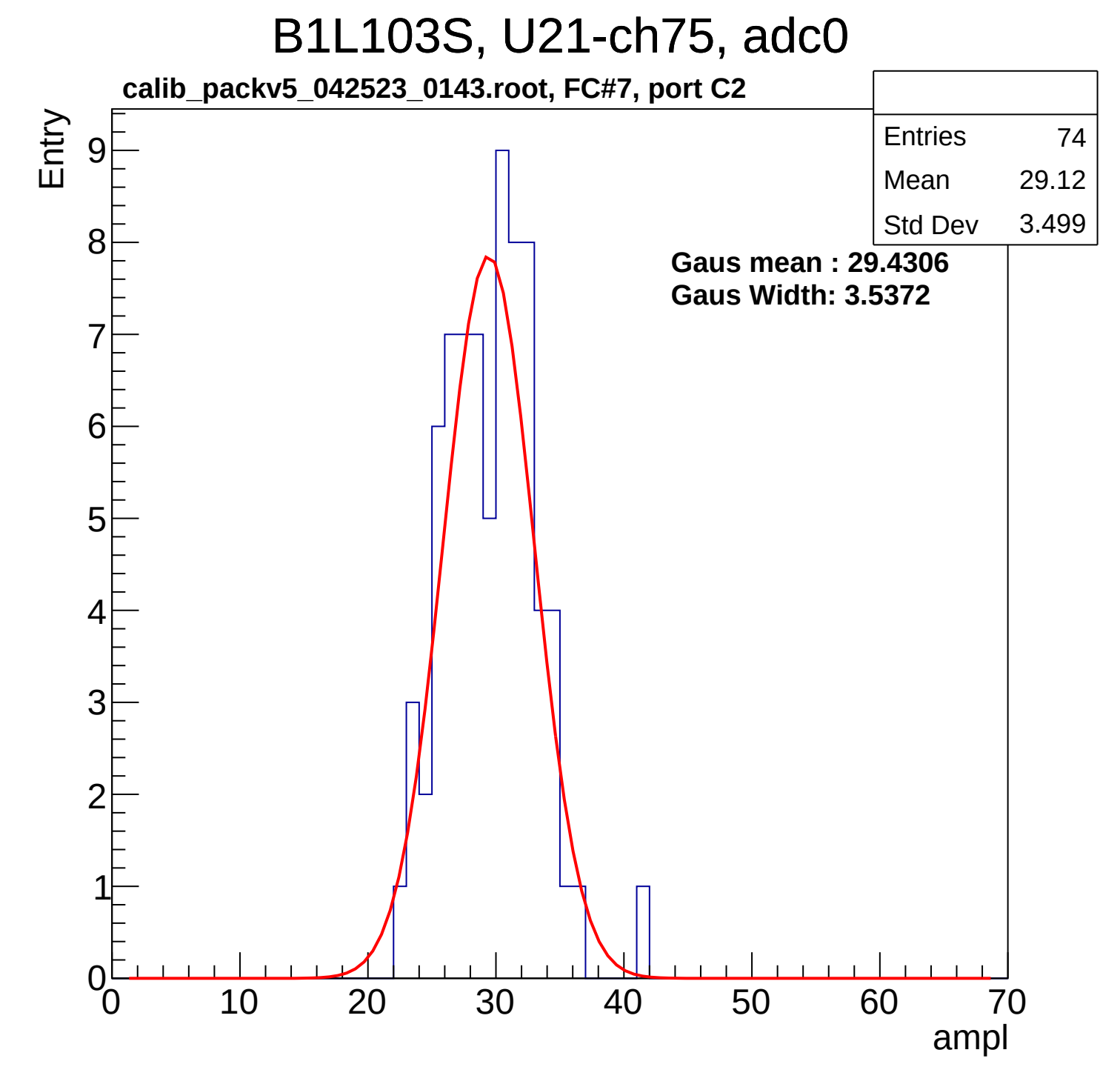
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch74, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 36
Mean 57.64
Std Dev 10.09
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch74, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 12
Mean 62.25
Std Dev 0.7217
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch74, adc7
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, U21-ch75, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 29.12
Std Dev 3.499
Gaus mean : 29.4306
Gaus Width: 3.5372
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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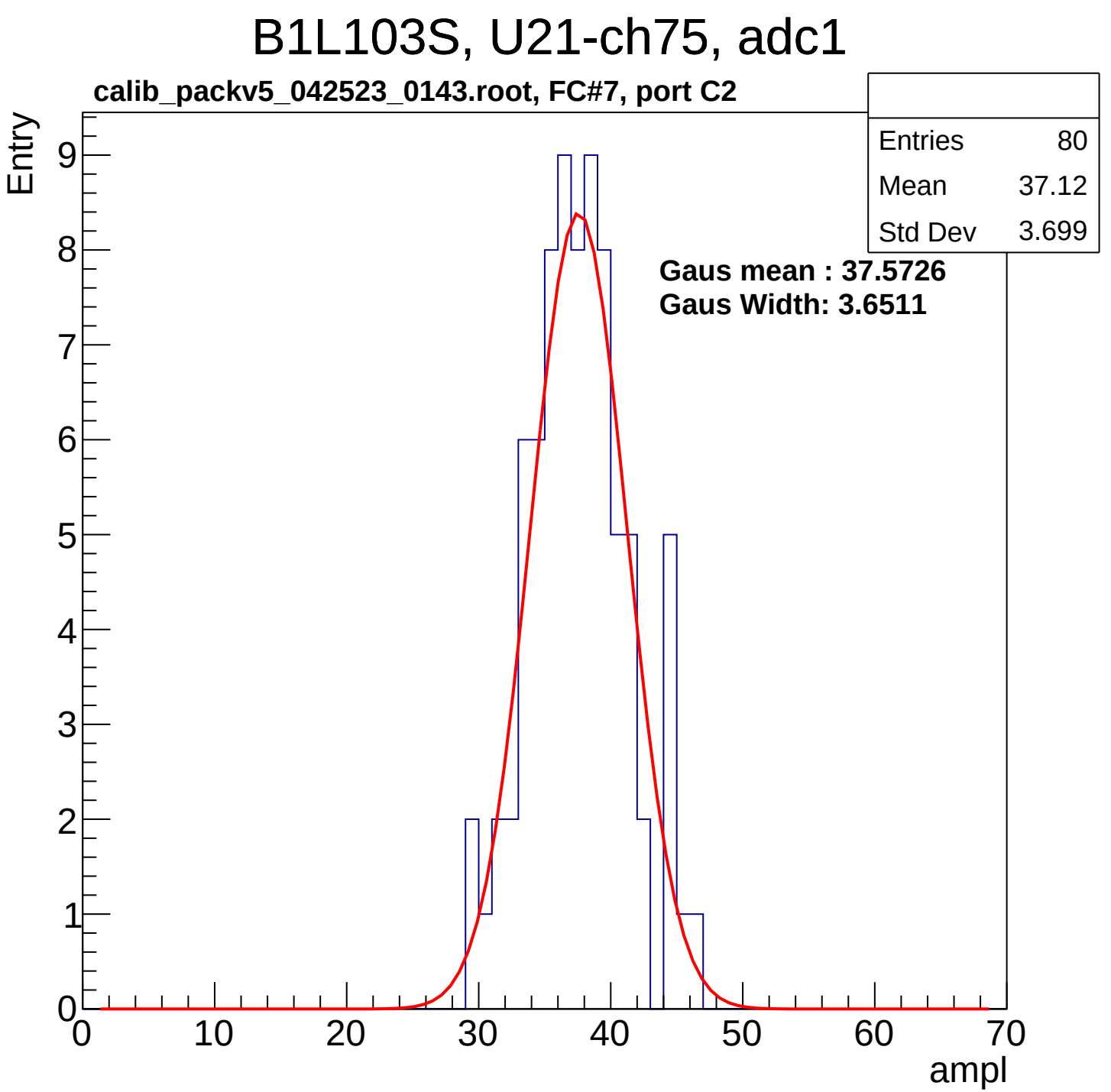
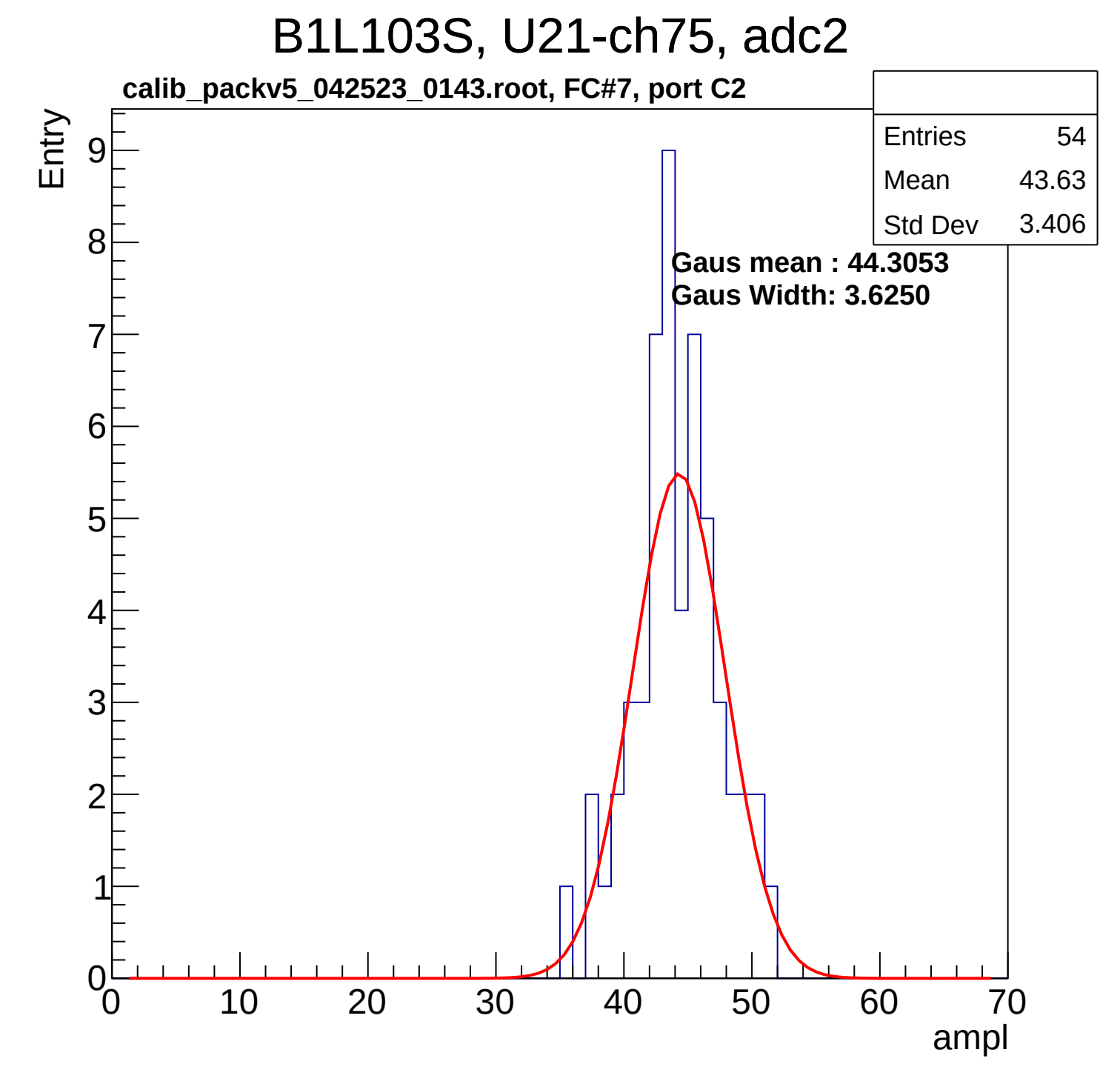
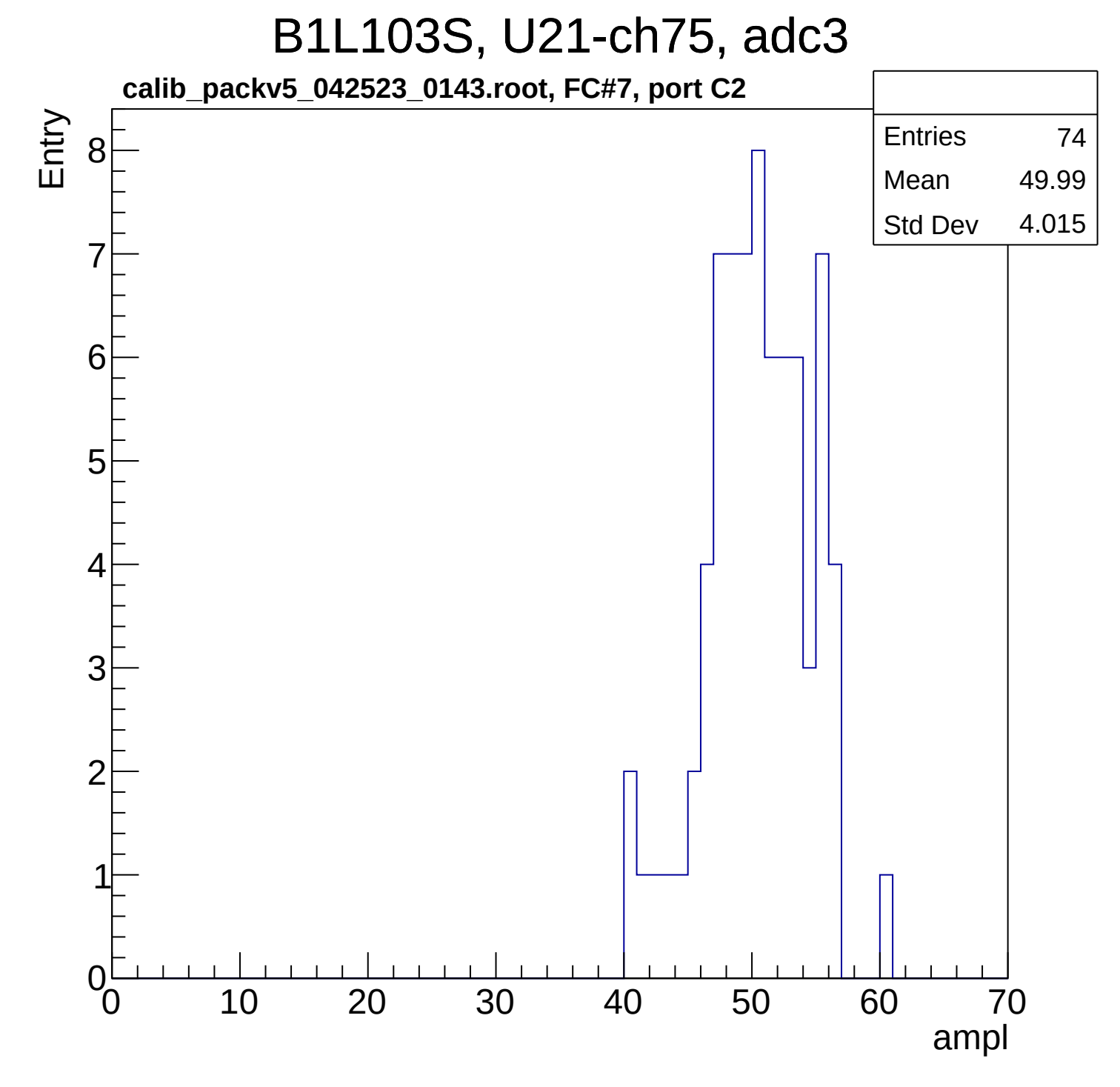

B1L103S, U21-ch75, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 80
Mean 37.12
Std Dev 3.699
Gaus mean : 37.5726
Gaus Width: 3.6511
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch75, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 43.63
Std Dev 3.406
Gaus mean : 44.3053
Gaus Width: 3.6250
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch75, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 49.99
Std Dev 4.015
Entry
ampl
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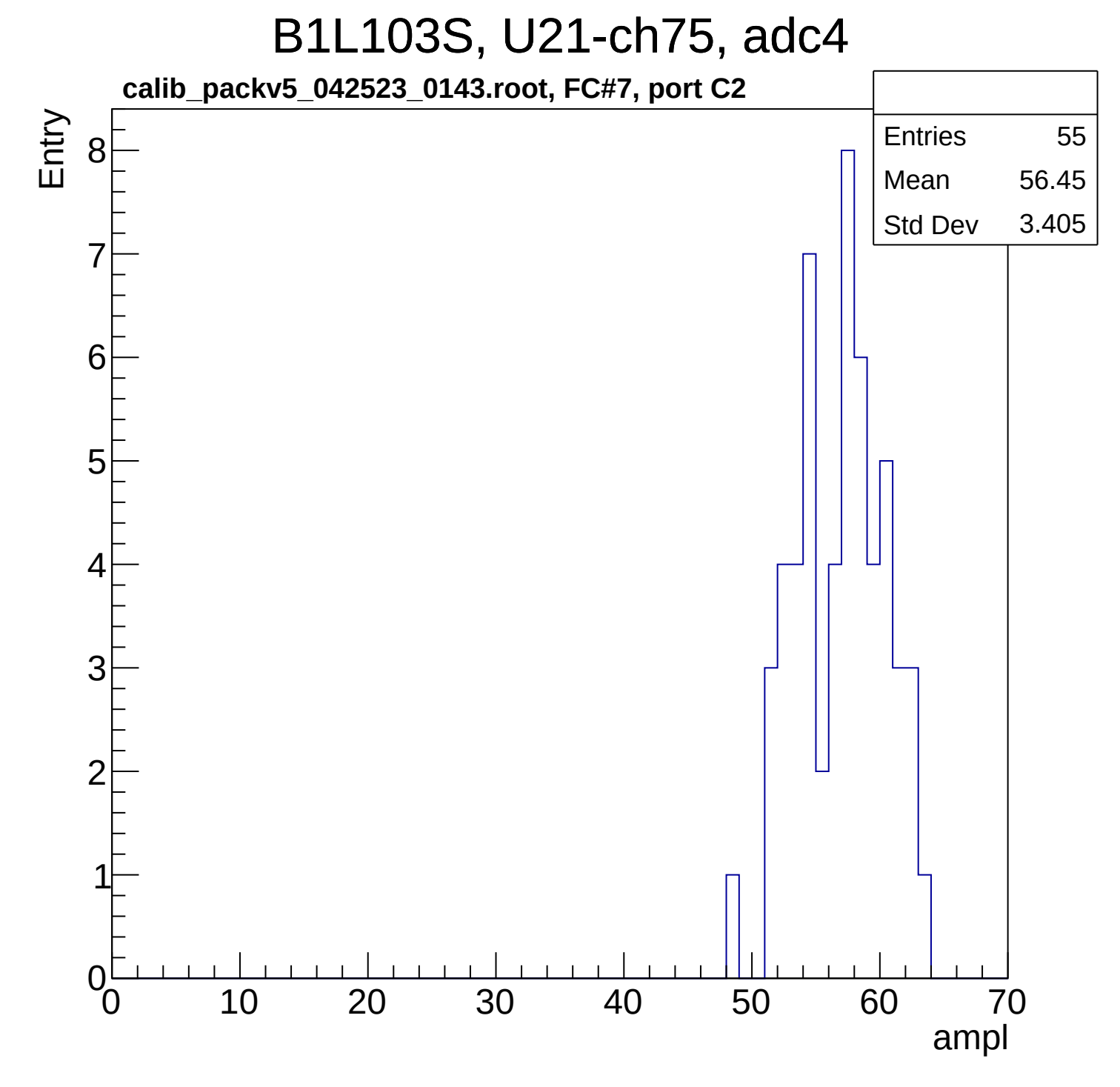
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch75, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 56.45
Std Dev 3.405
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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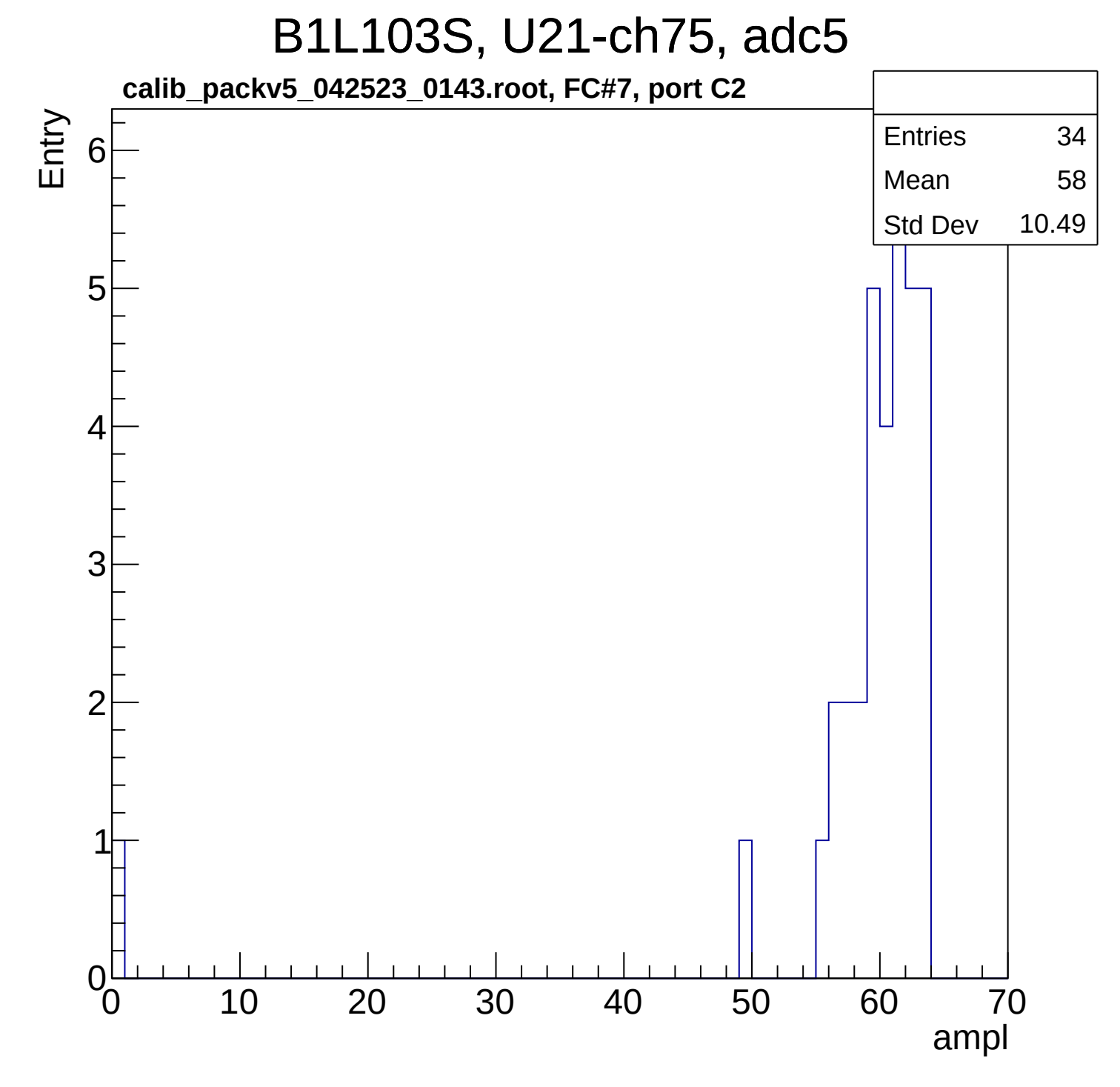
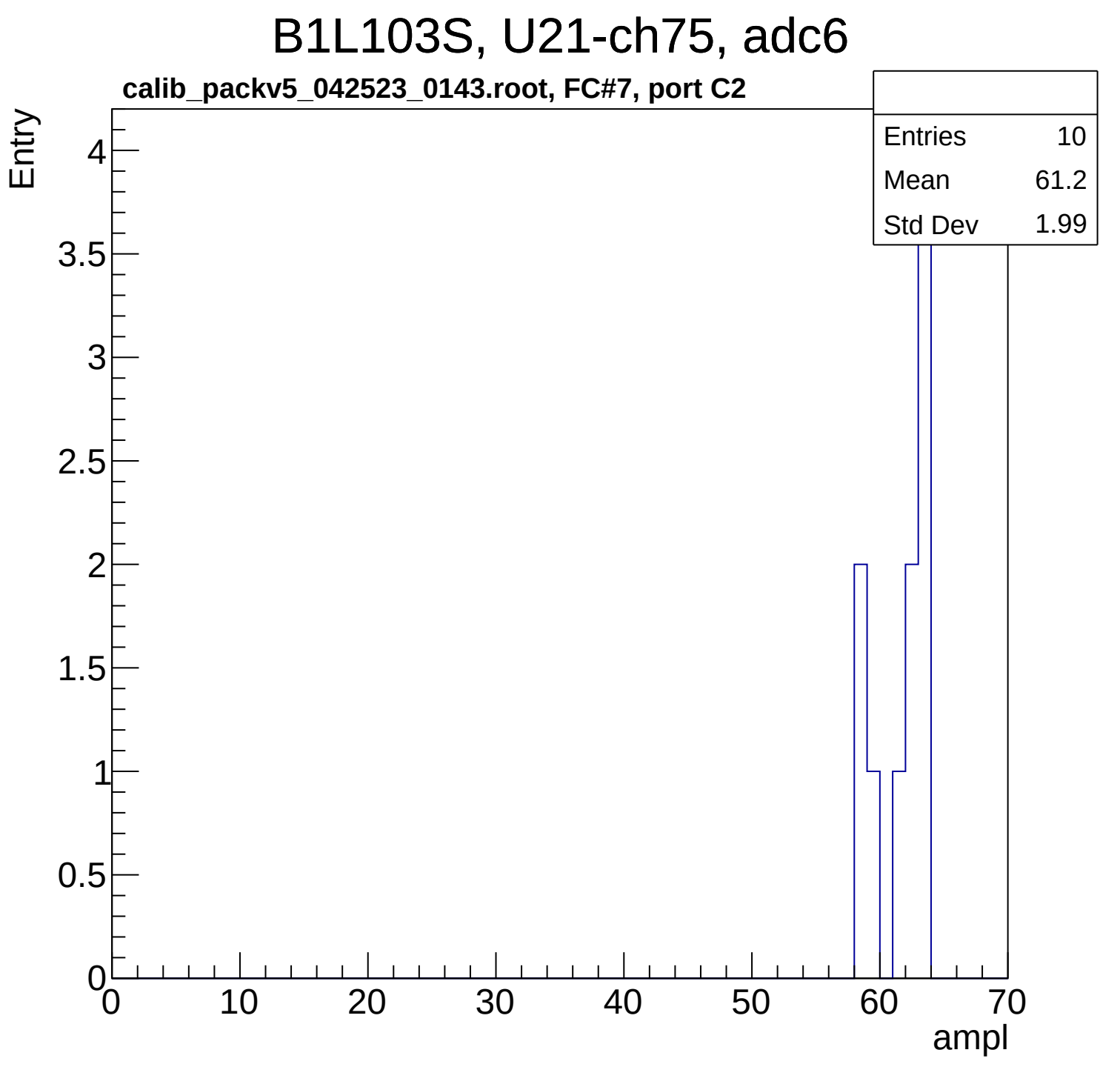

B1L103S, U21-ch75, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 34
Mean 58
Std Dev 10.49
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch75, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 10
Mean 61.2
Std Dev 1.99
Entry
ampl
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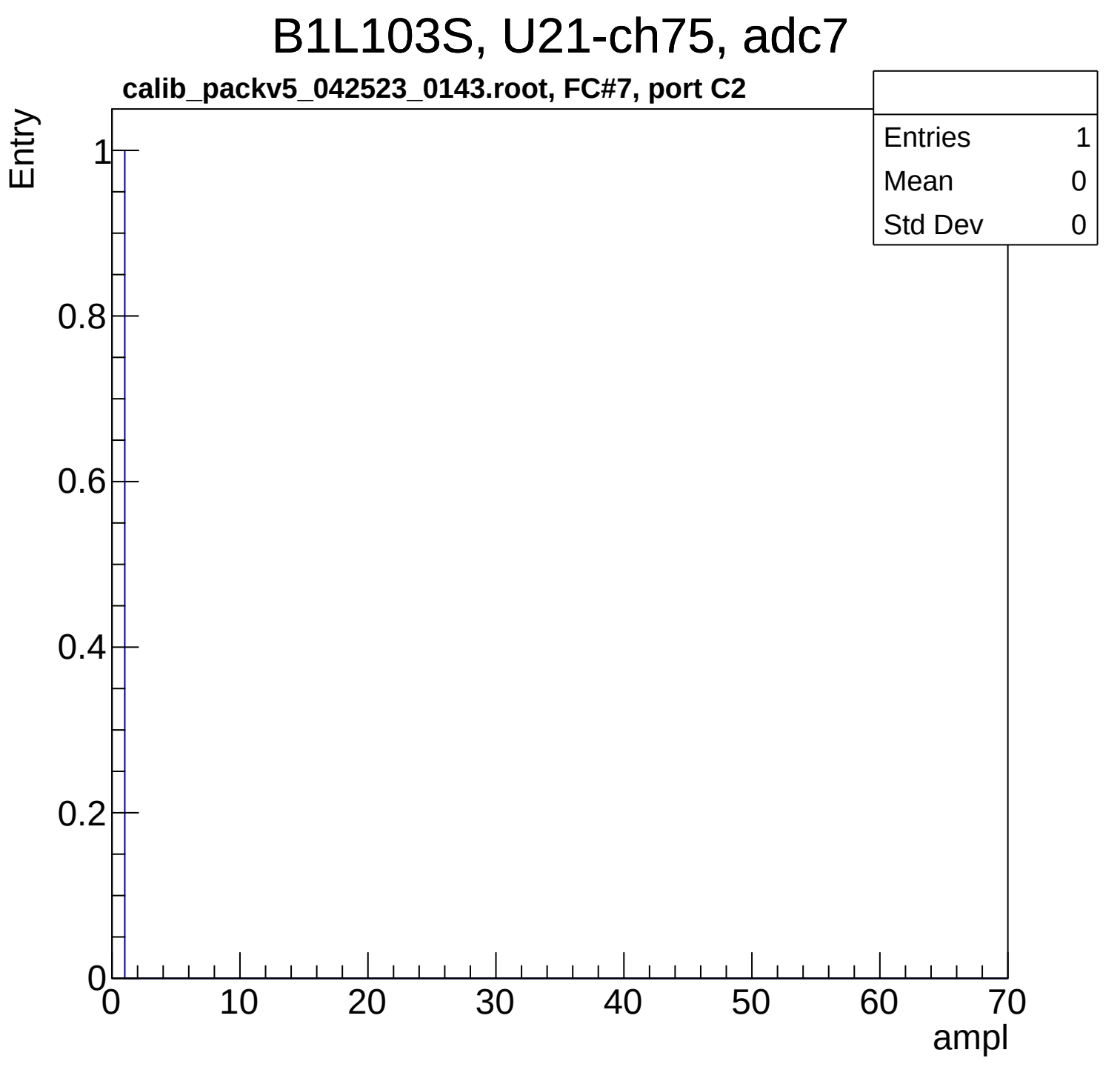
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L103S, U21-ch75, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
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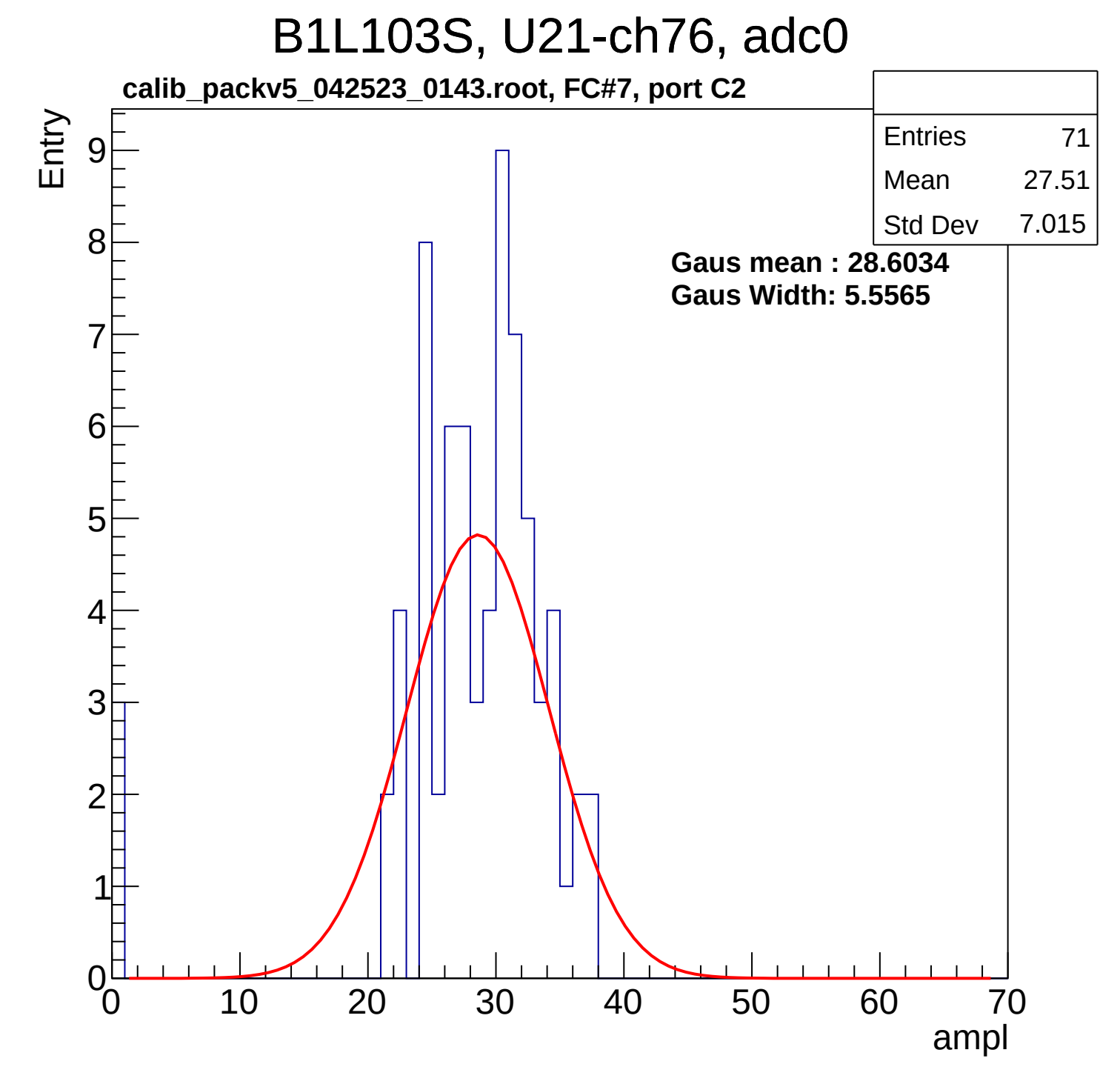
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch76, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 27.51
Std Dev 7.015
Gaus mean : 28.6034
Gaus Width: 5.5565
Entry
ampl
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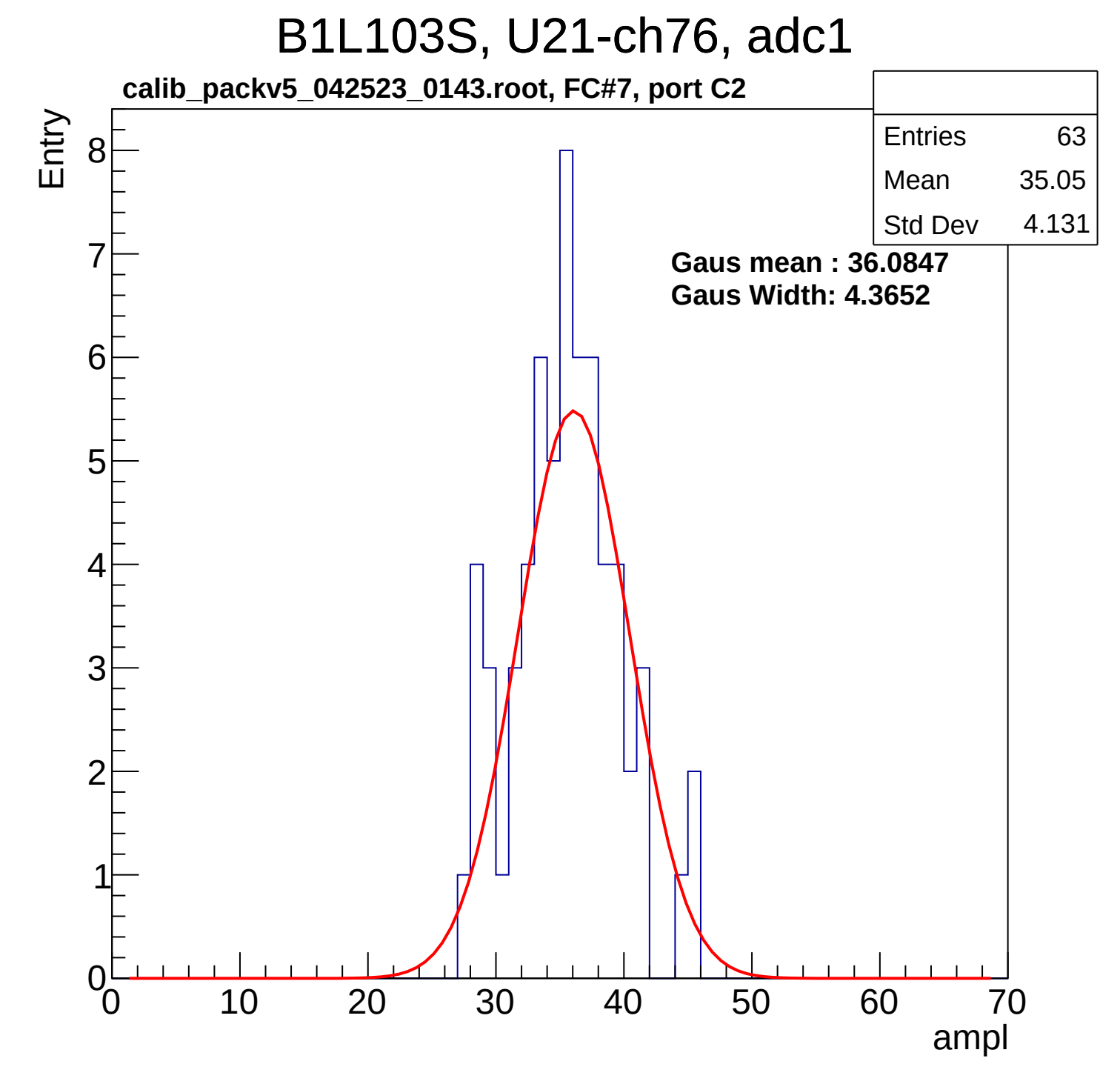
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch76, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 35.05
Std Dev 4.131
Gaus mean : 36.0847
Gaus Width: 4.3652
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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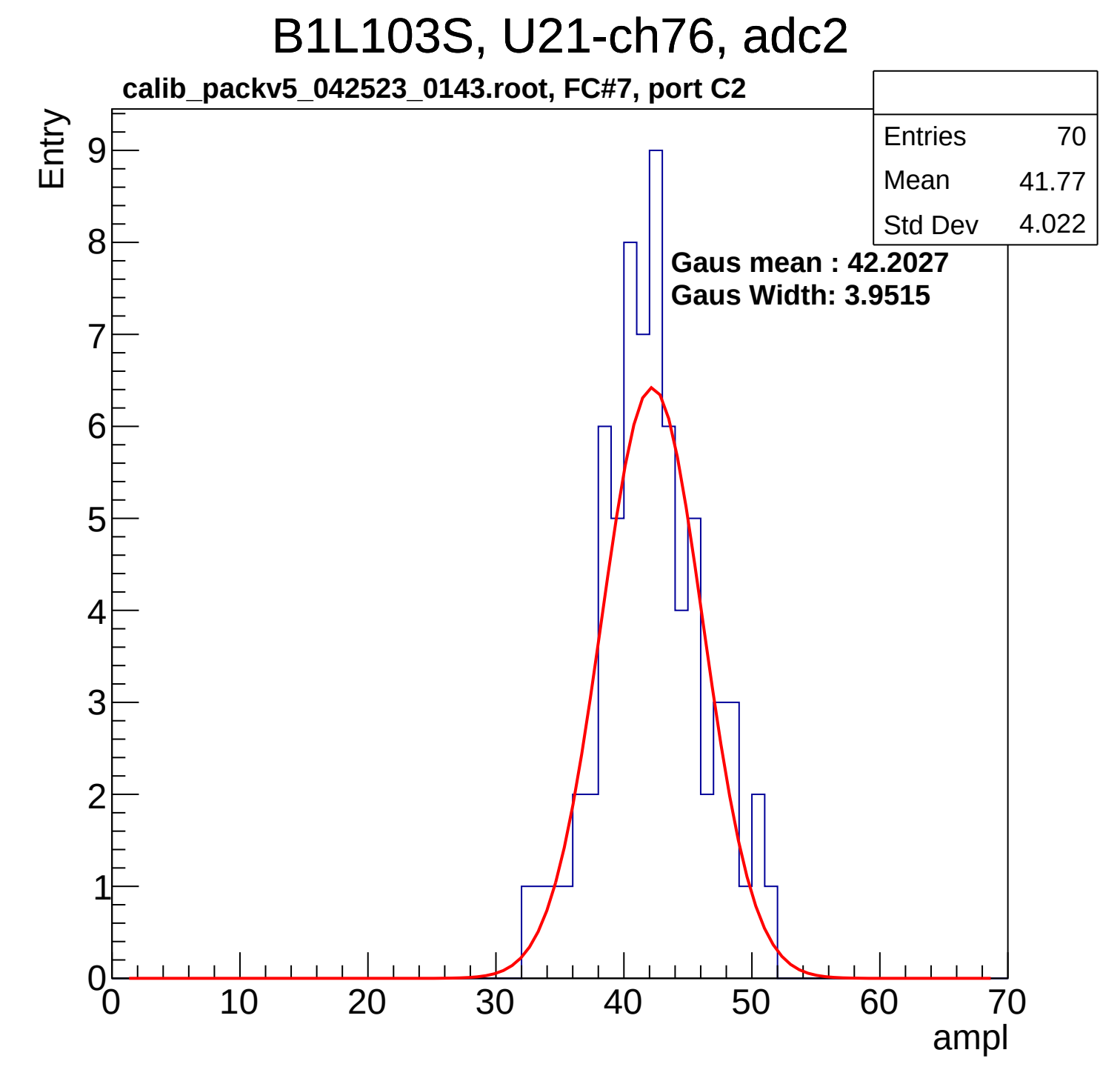
B1L103S, U21-ch76, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 41.77
Std Dev 4.022
Gaus mean : 42.2027
Gaus Width: 3.9515
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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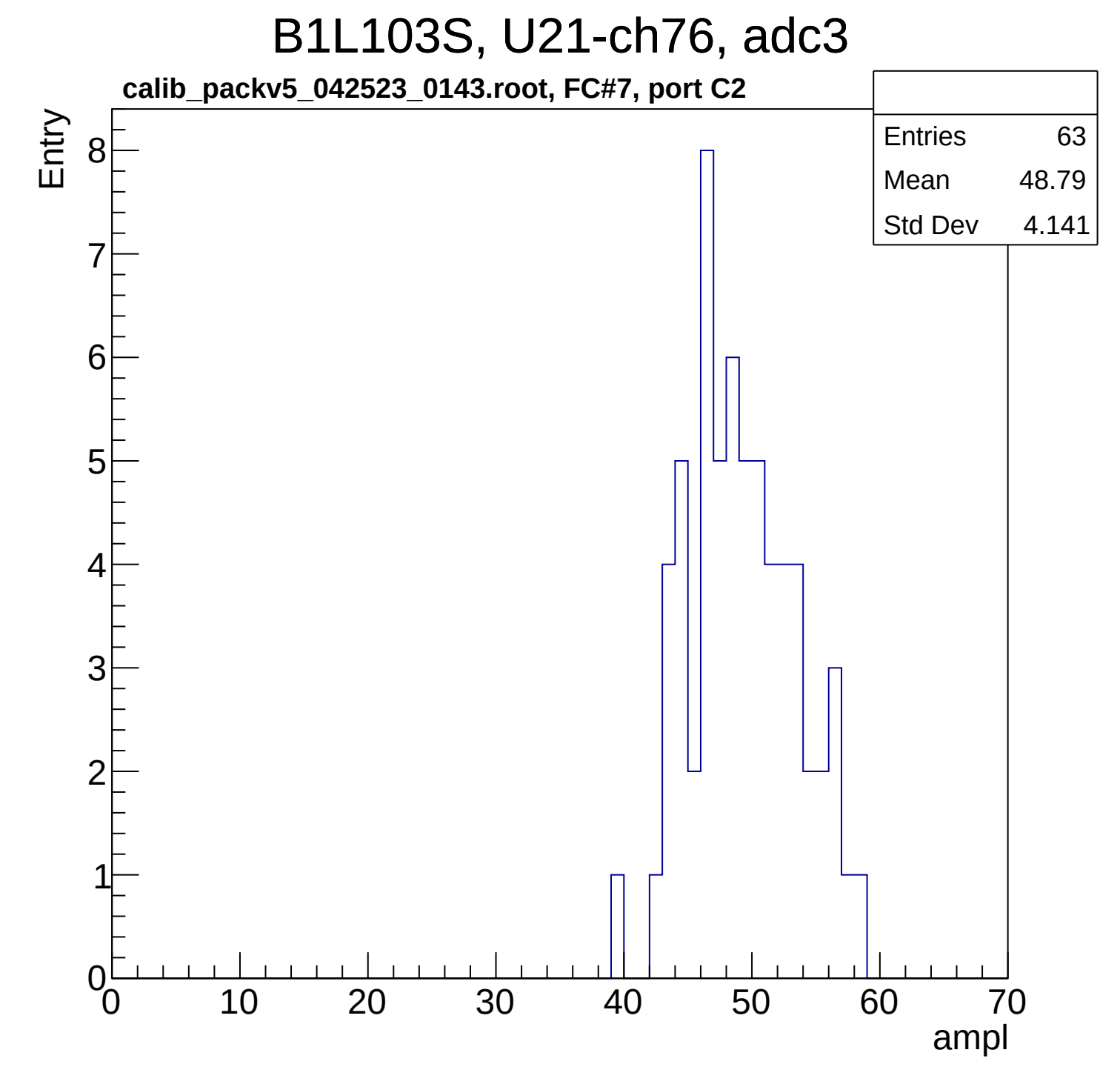
B1L103S, U21-ch76, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 48.79
Std Dev 4.141
Entry
ampl
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4
5
6
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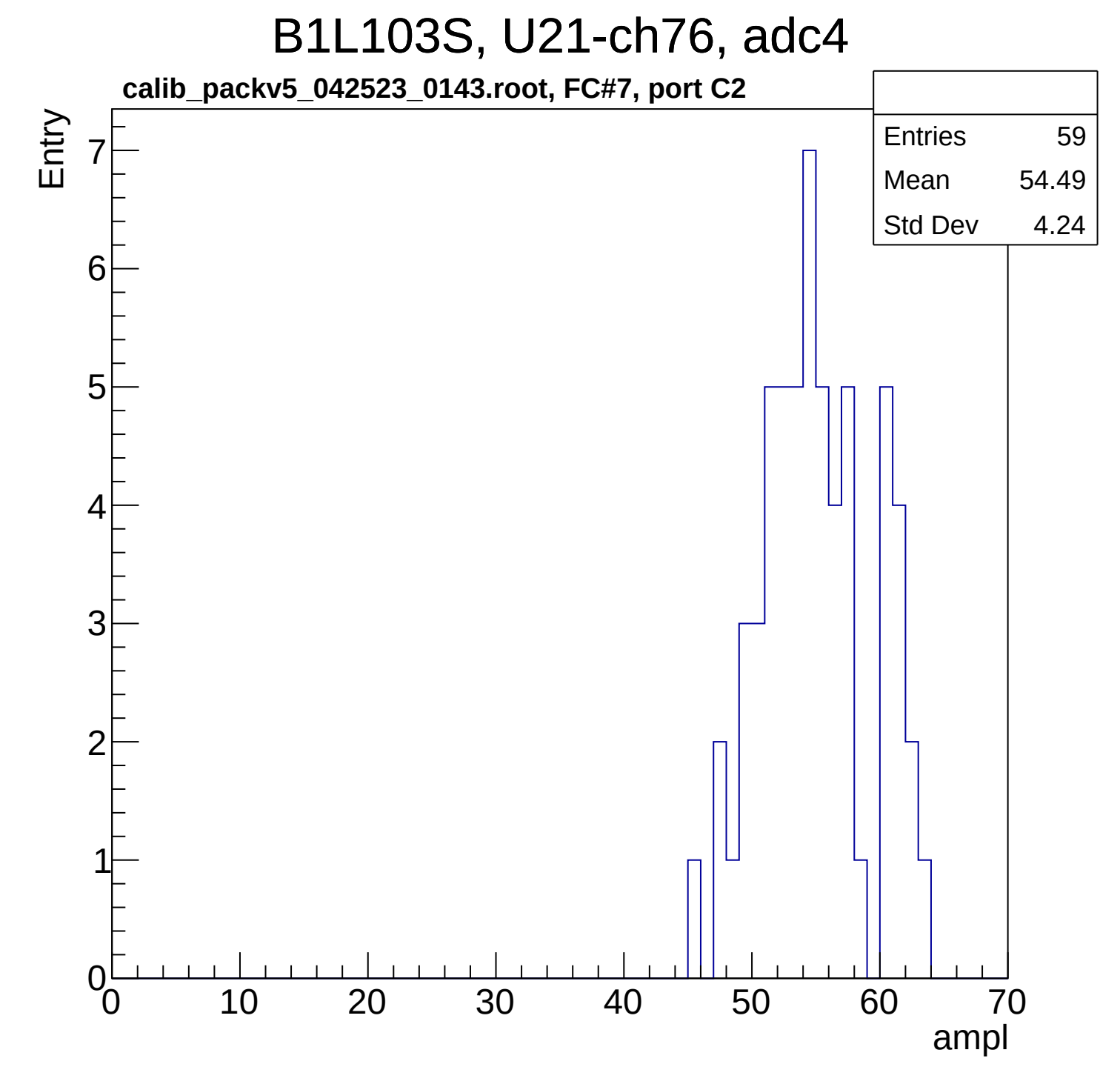
B1L103S, U21-ch76, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 54.49
Std Dev 4.24
Entry
ampl
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4
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6
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60
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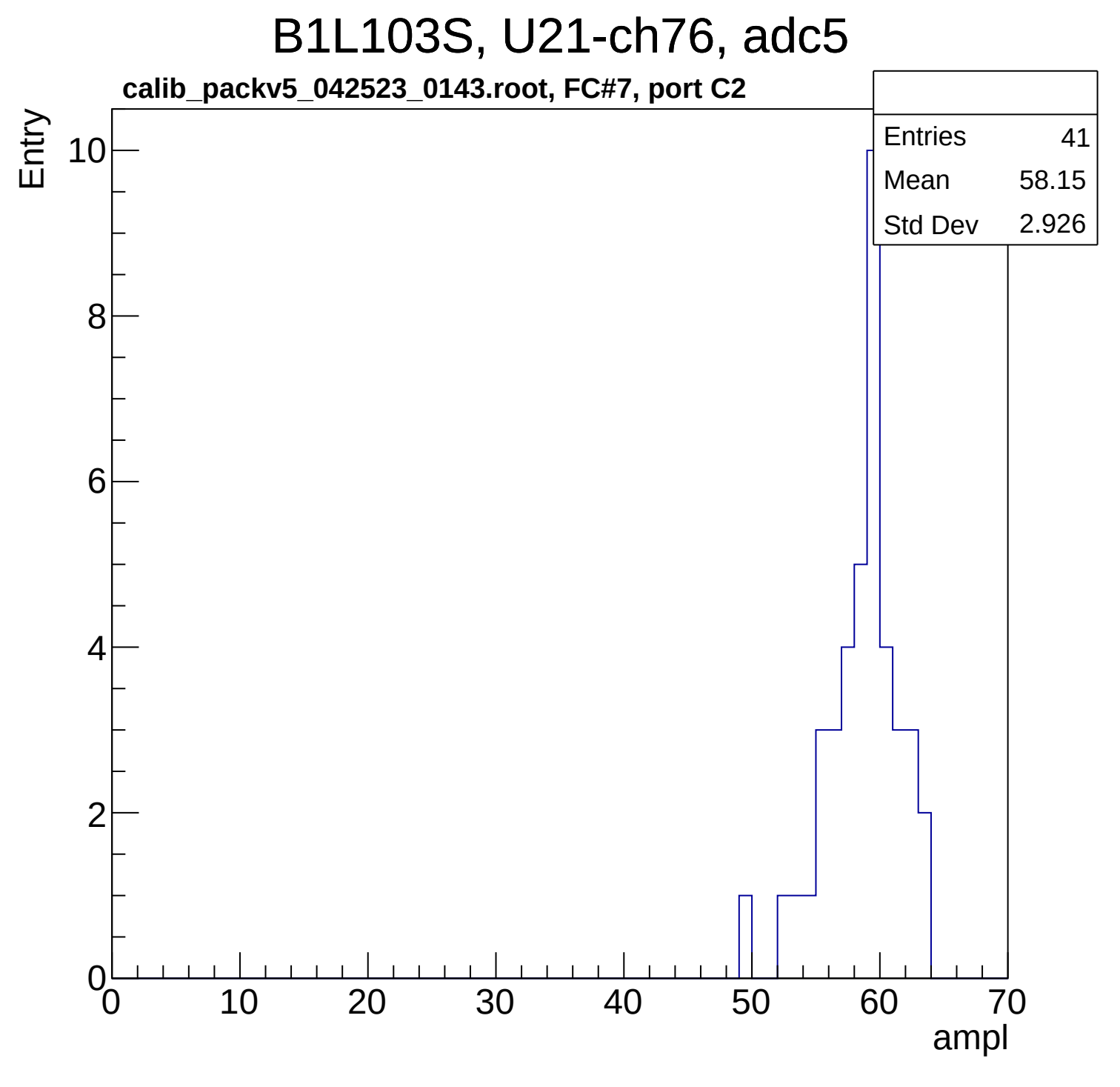
B1L103S, U21-ch76, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 41
Mean 58.15
Std Dev 2.926
Entry
ampl
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2
4
6
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0
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60
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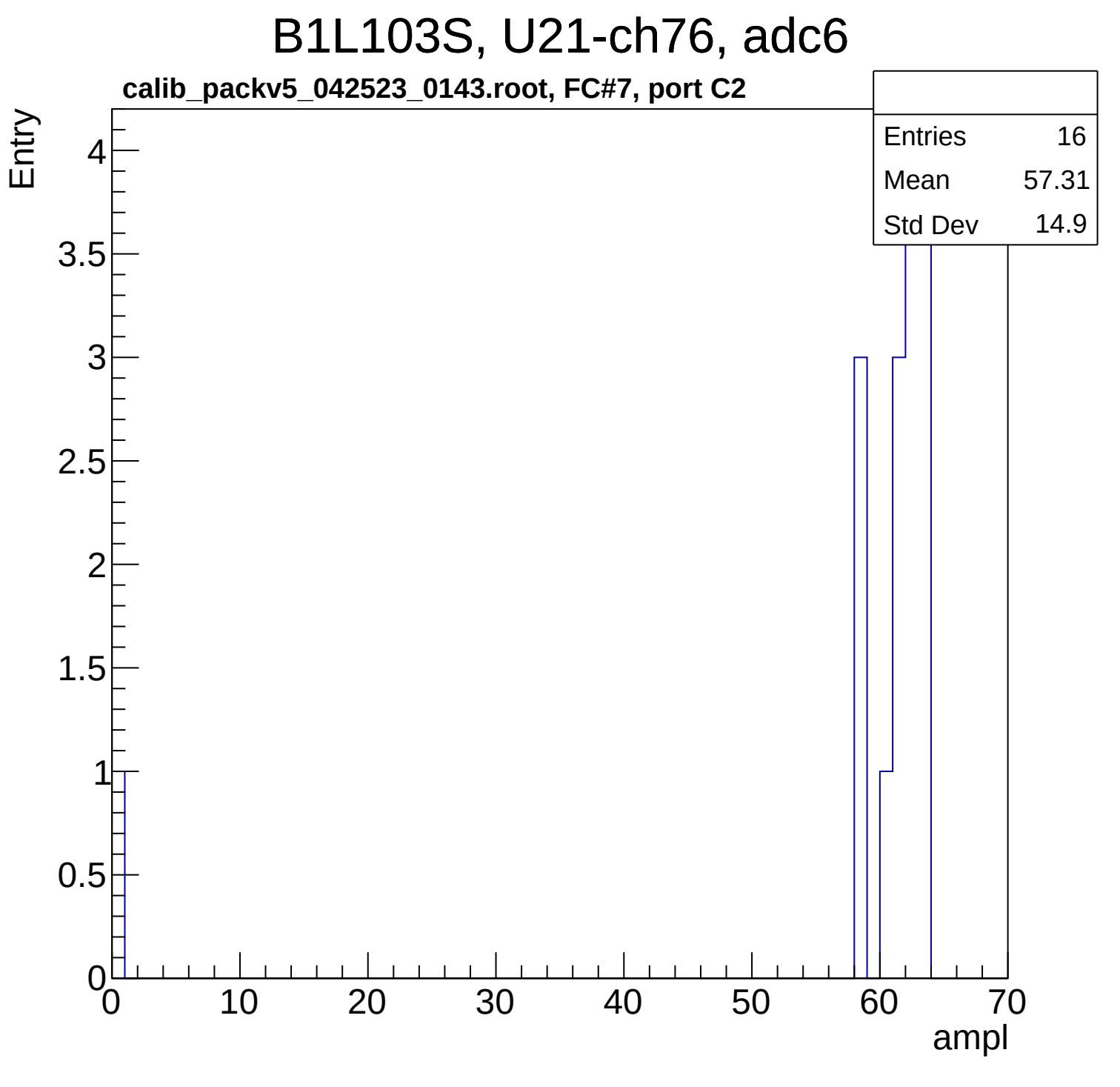
B1L103S, U21-ch76, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 16
Mean 57.31
Std Dev 14.9
Entry
ampl
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1.5
2
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3.5
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0
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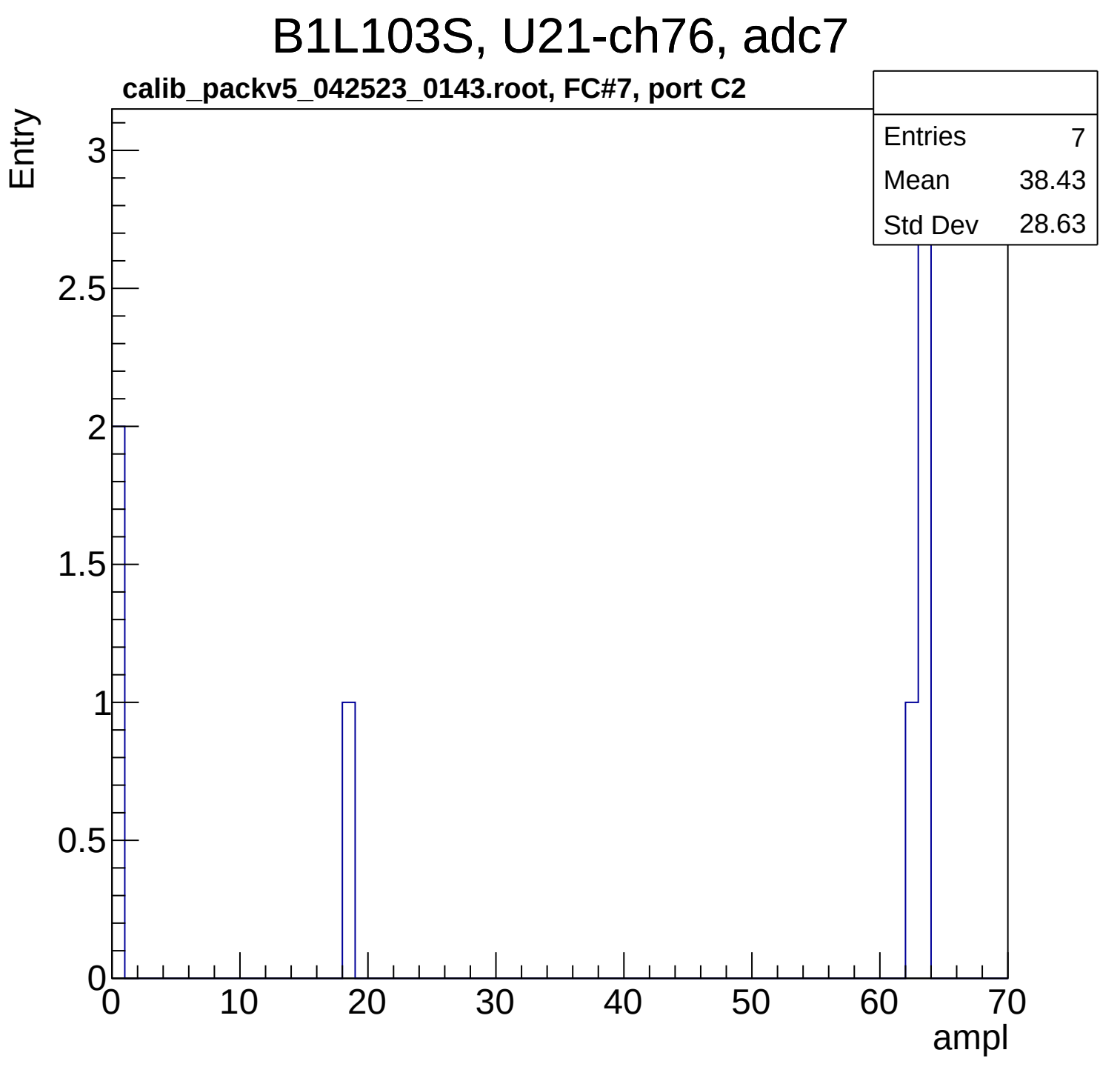
B1L103S, U21-ch76, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 7
Mean 38.43
Std Dev 28.63
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
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20
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40
50
60
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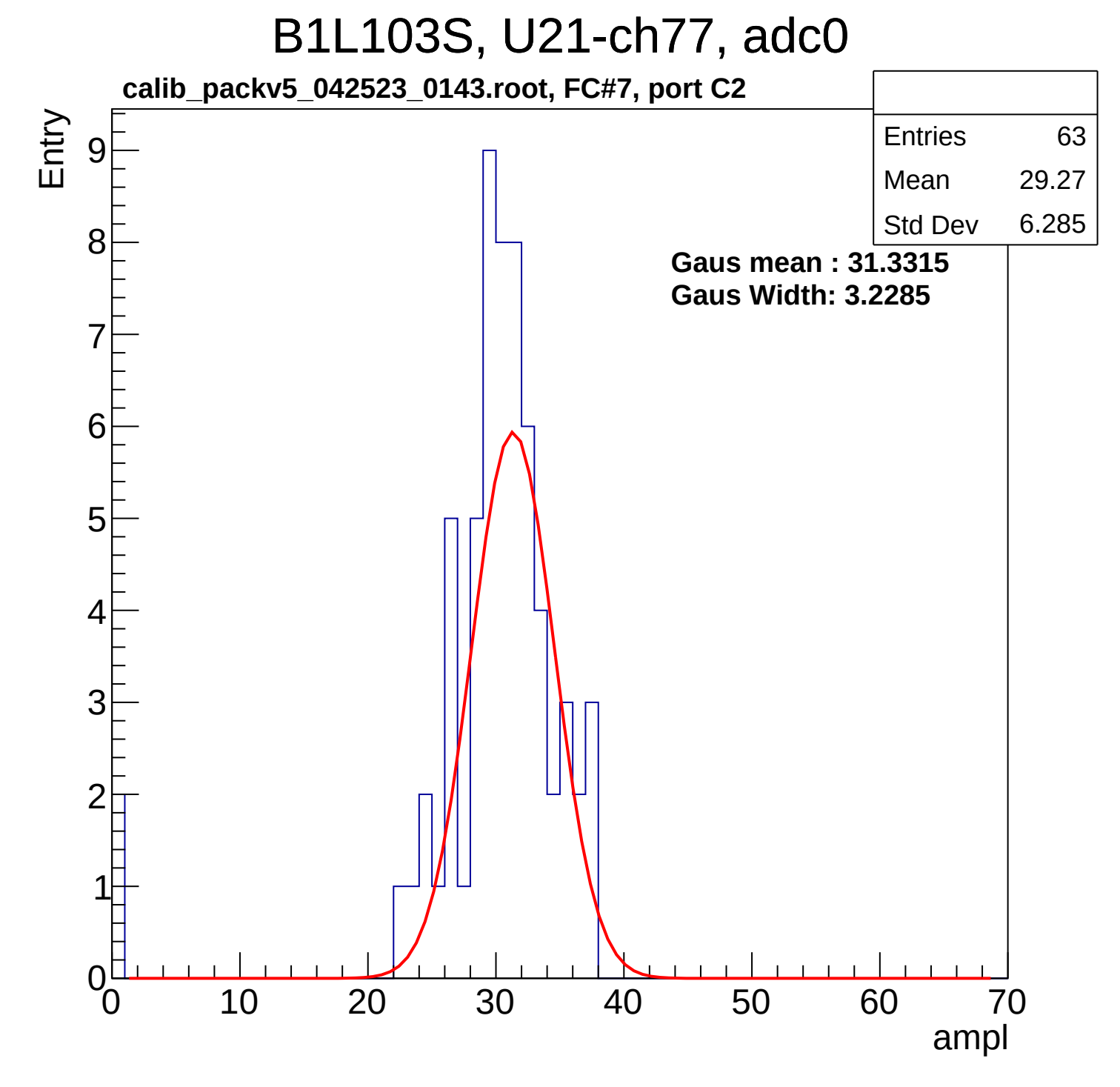
B1L103S, U21-ch77, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 29.27
Std Dev 6.285
Gaus mean : 31.3315
Gaus Width: 3.2285
Entry
ampl
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3
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6
7
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0
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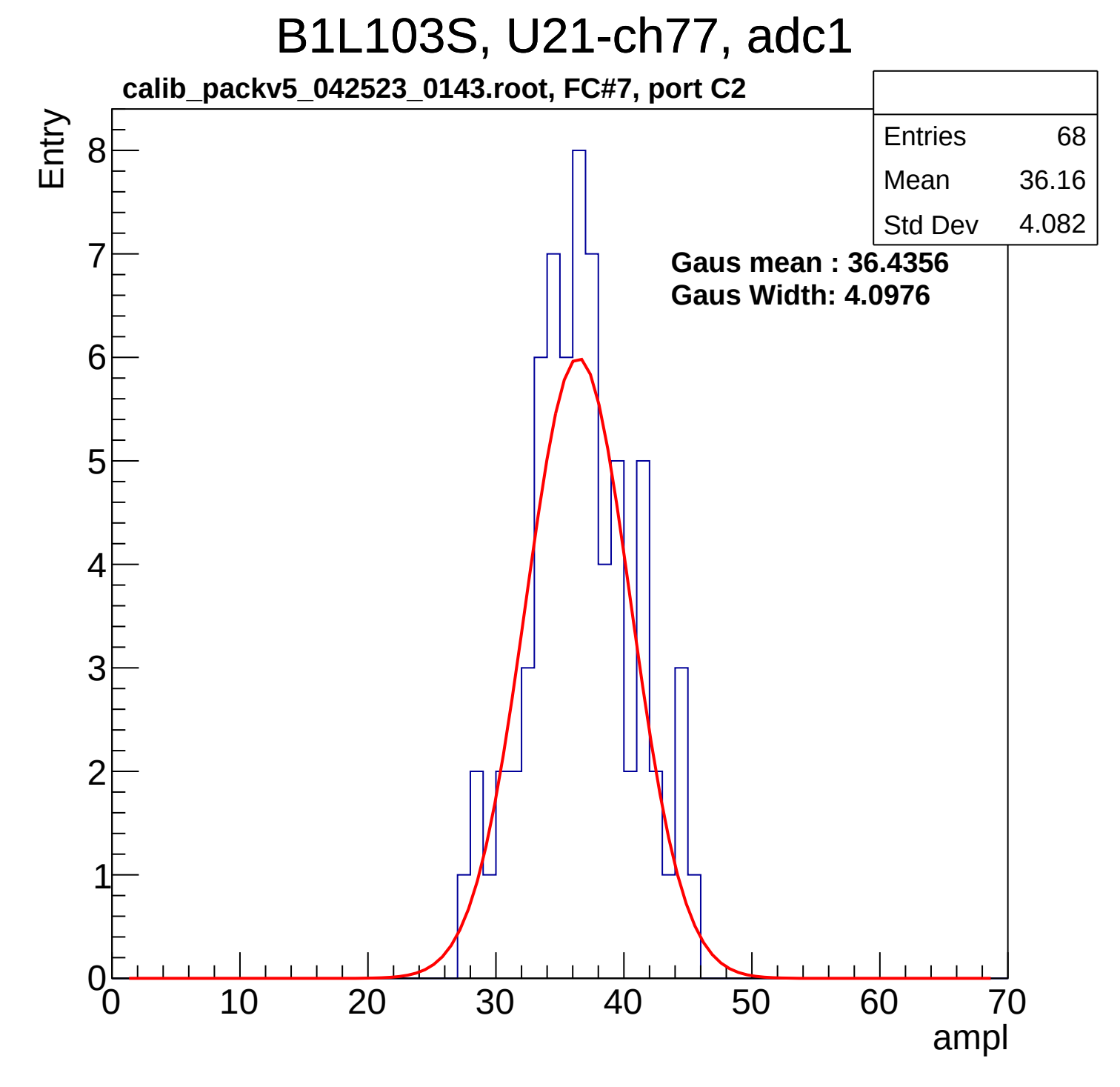
B1L103S, U21-ch77, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 36.16
Std Dev 4.082
Gaus mean : 36.4356
Gaus Width: 4.0976
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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60
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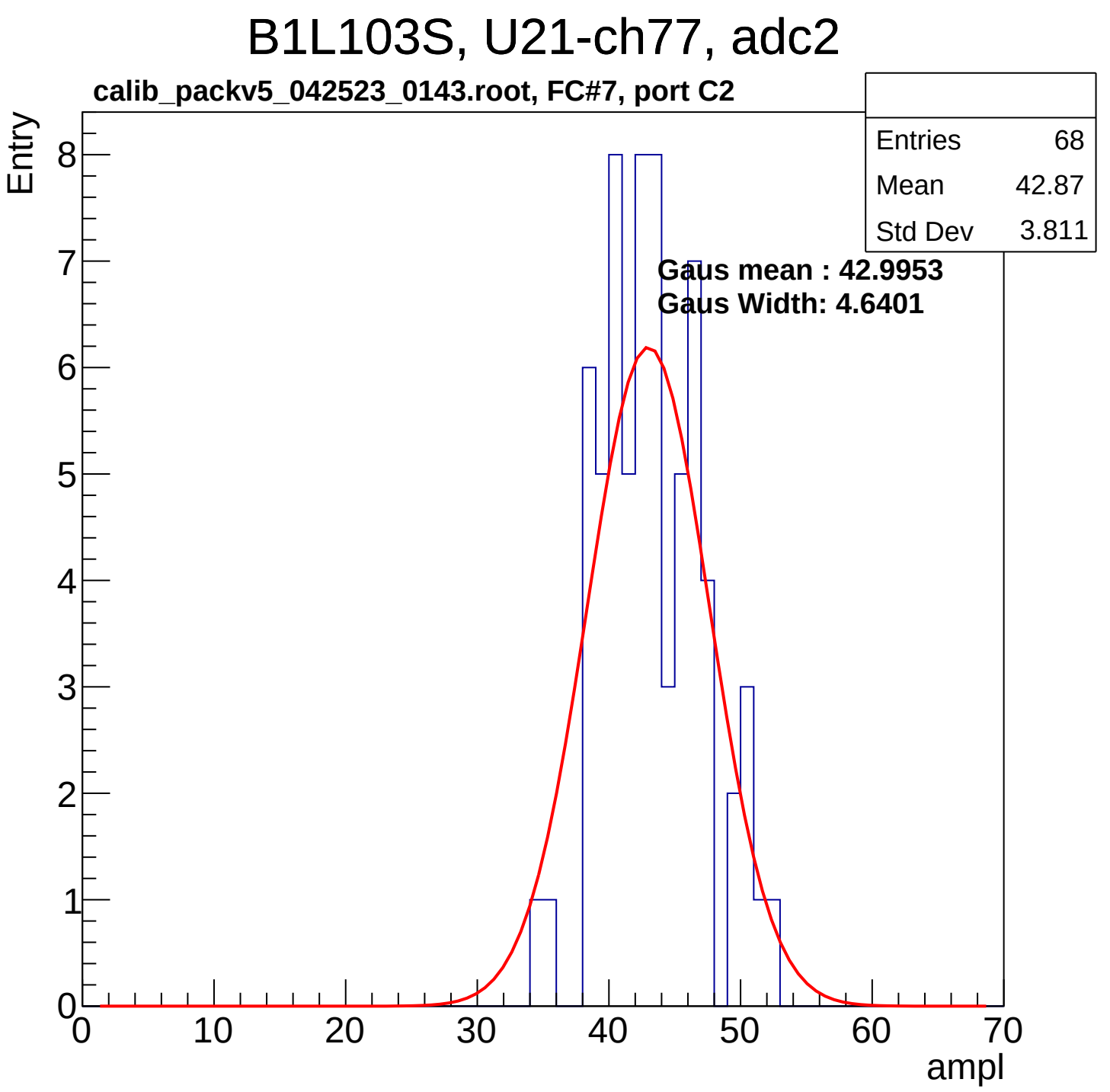
B1L103S, U21-ch77, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 42.87
Std Dev 3.811
Gaus mean : 42.9953
Gaus Width: 4.6401
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
30
40
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60
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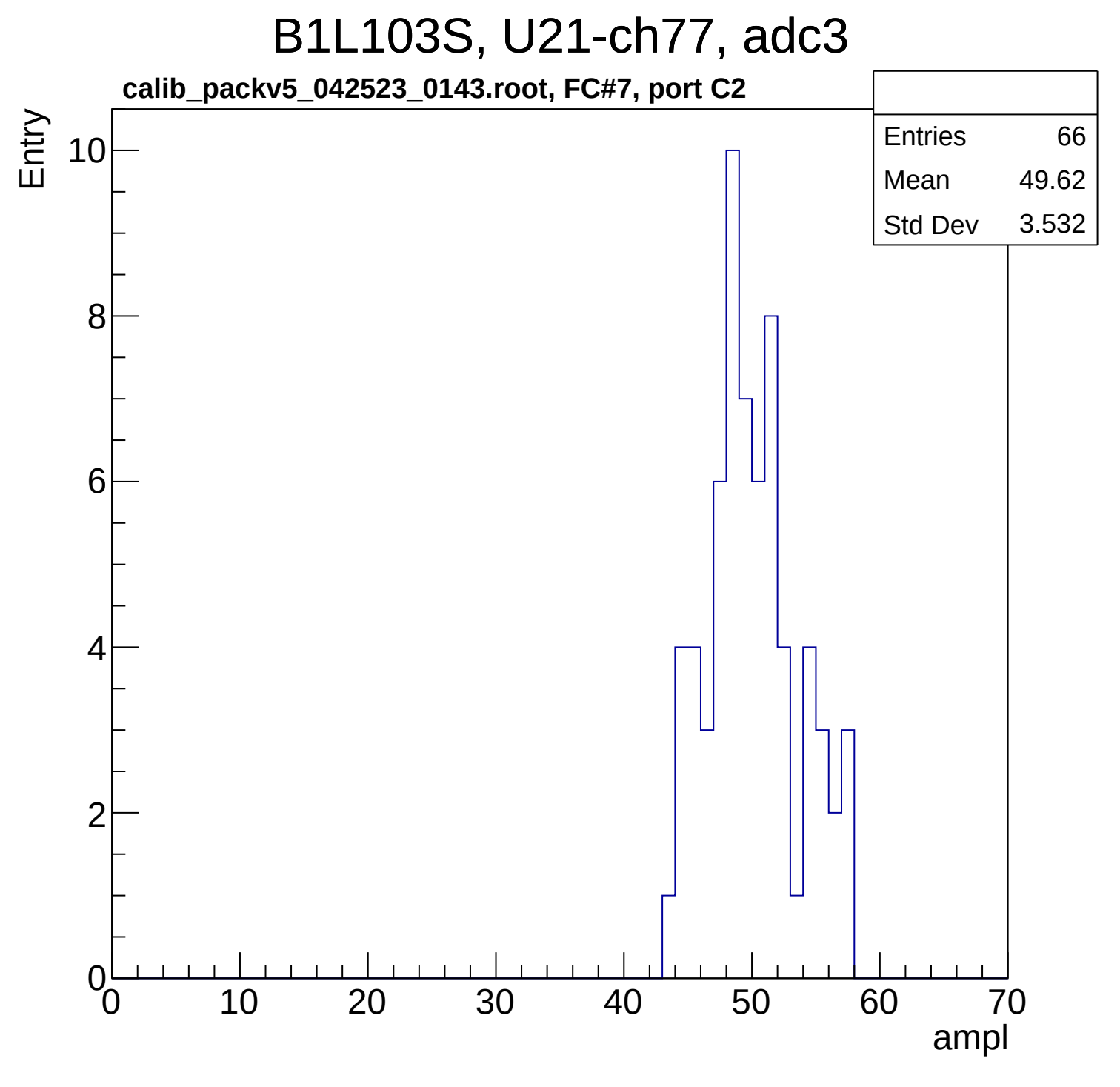
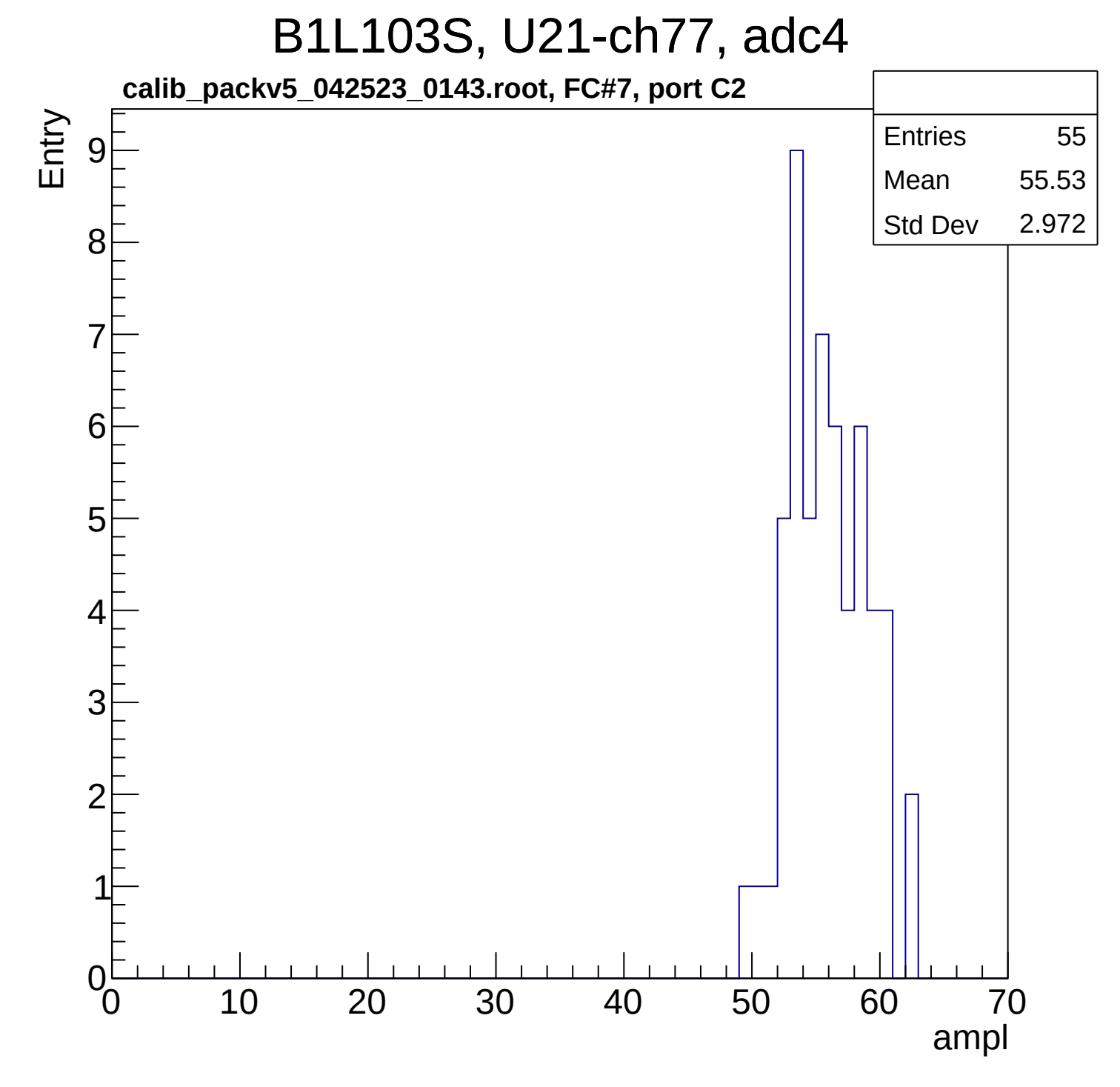

B1L103S, U21-ch77, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 49.62
Std Dev 3.532
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch77, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 55.53
Std Dev 2.972
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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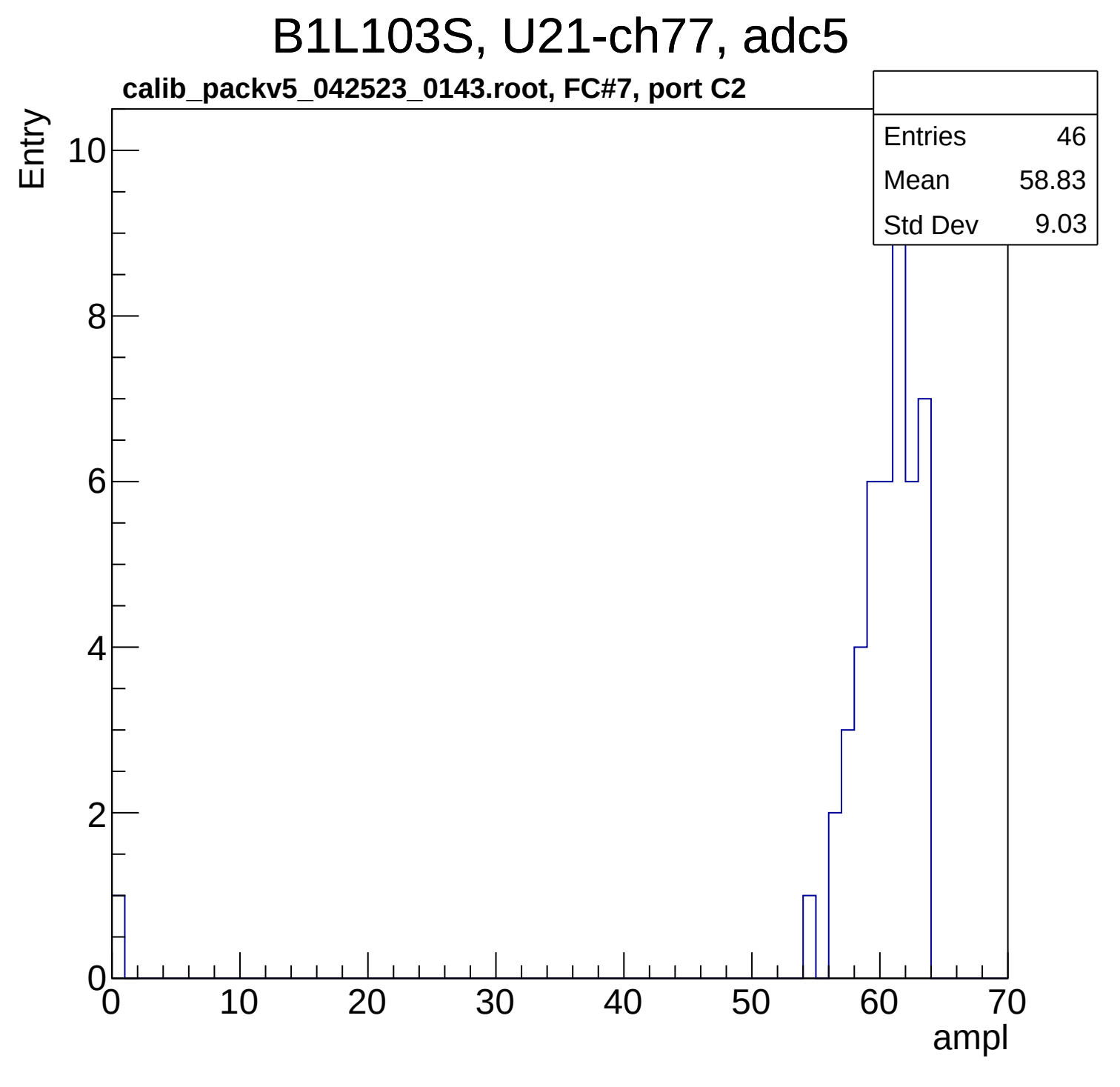
B1L103S, U21-ch77, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 46
Mean 58.83
Std Dev 9.03
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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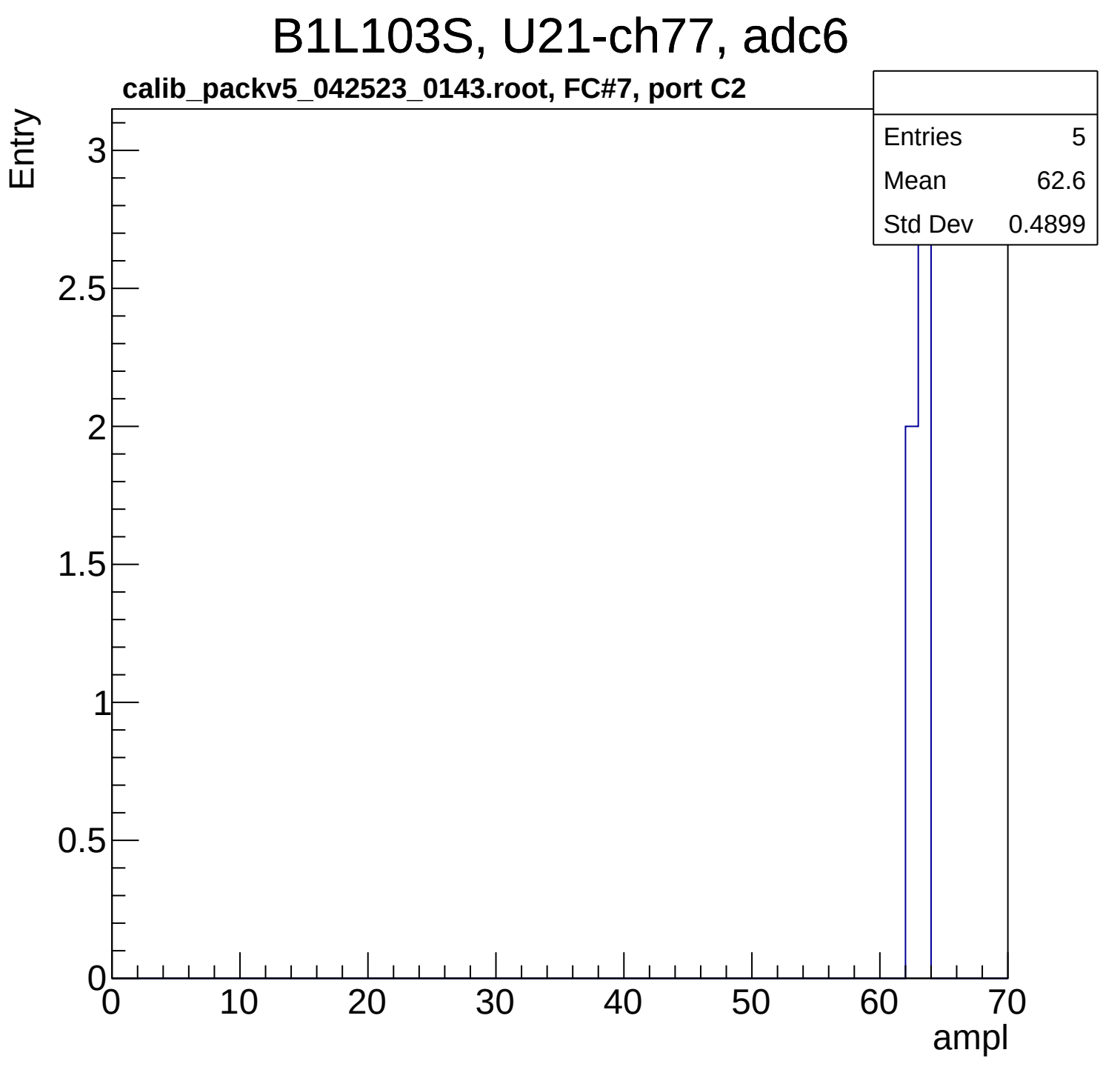
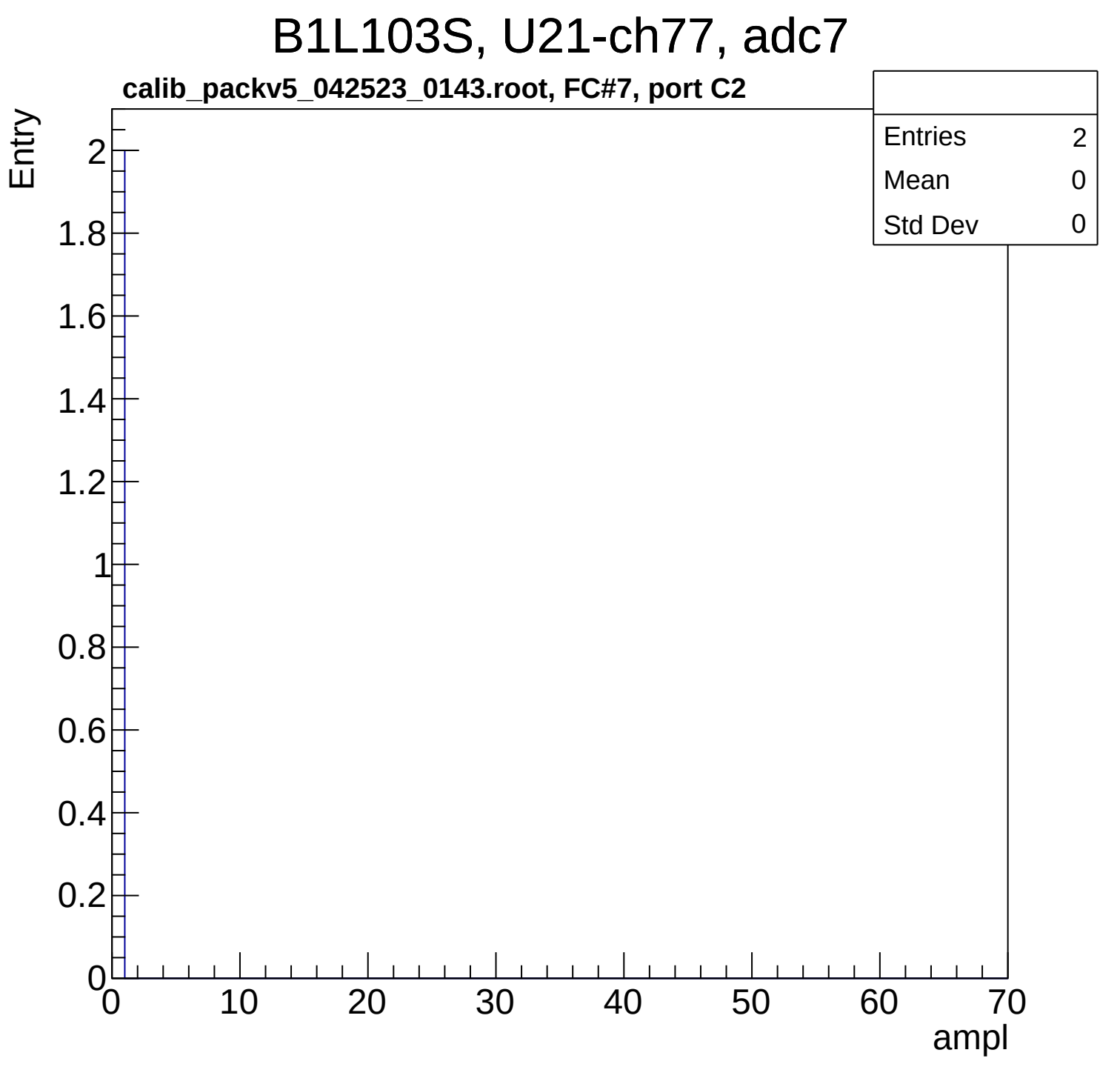
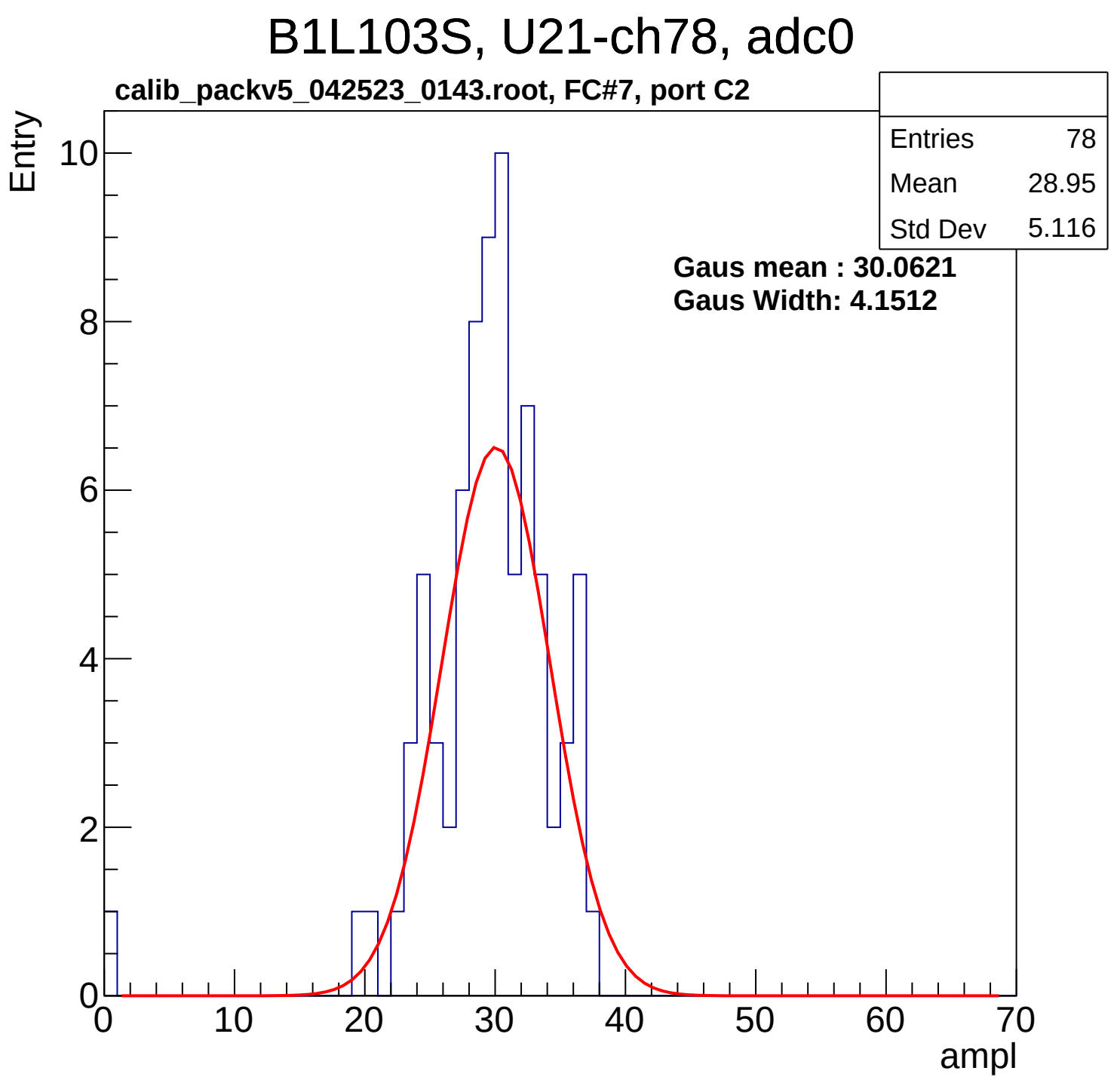

B1L103S, U21-ch77, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 62.6
Std Dev 0.4899
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U21-ch77, 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, U21-ch78, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 78
Mean 28.95
Std Dev 5.116
Gaus mean : 30.0621
Gaus Width: 4.1512
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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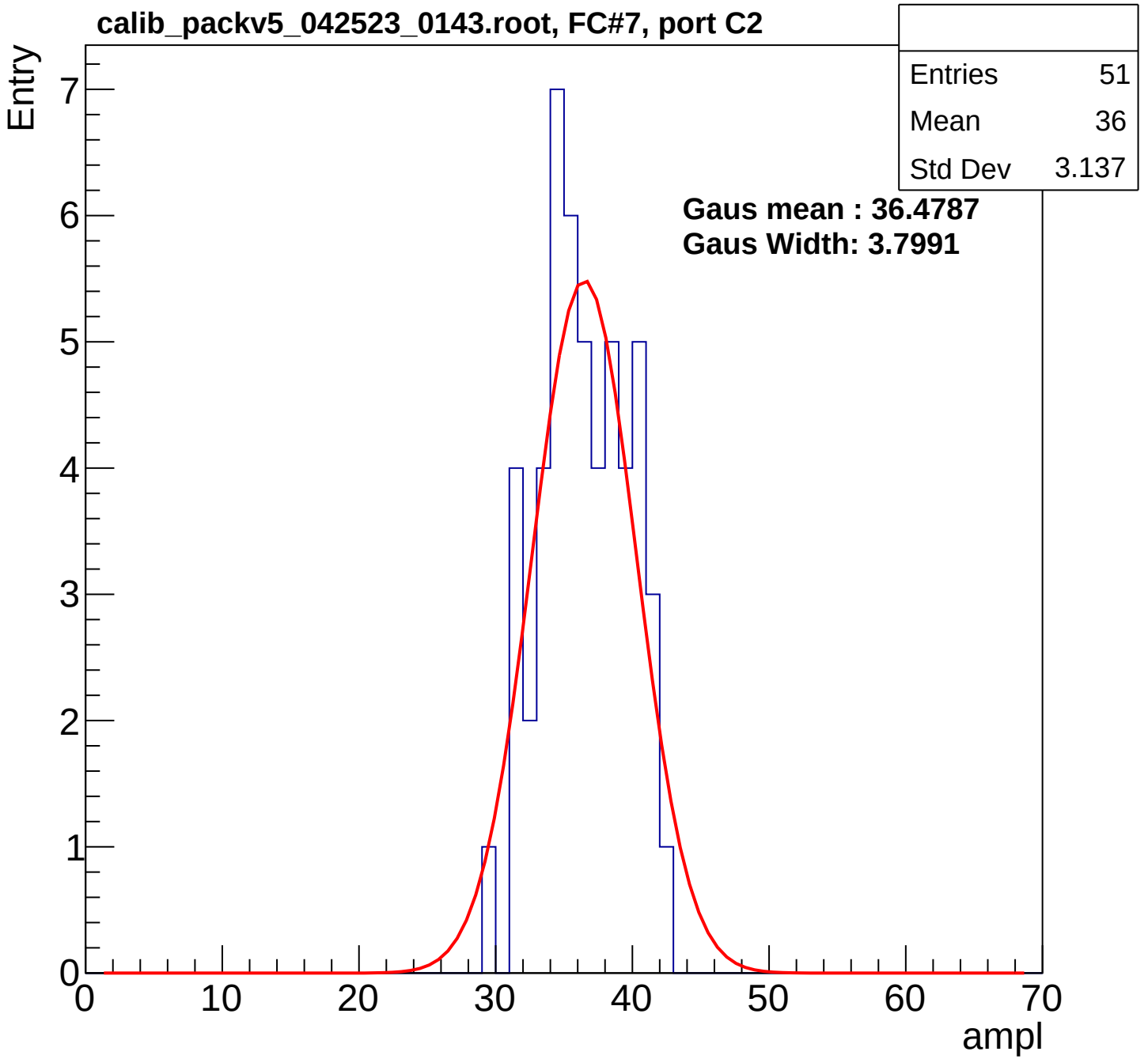
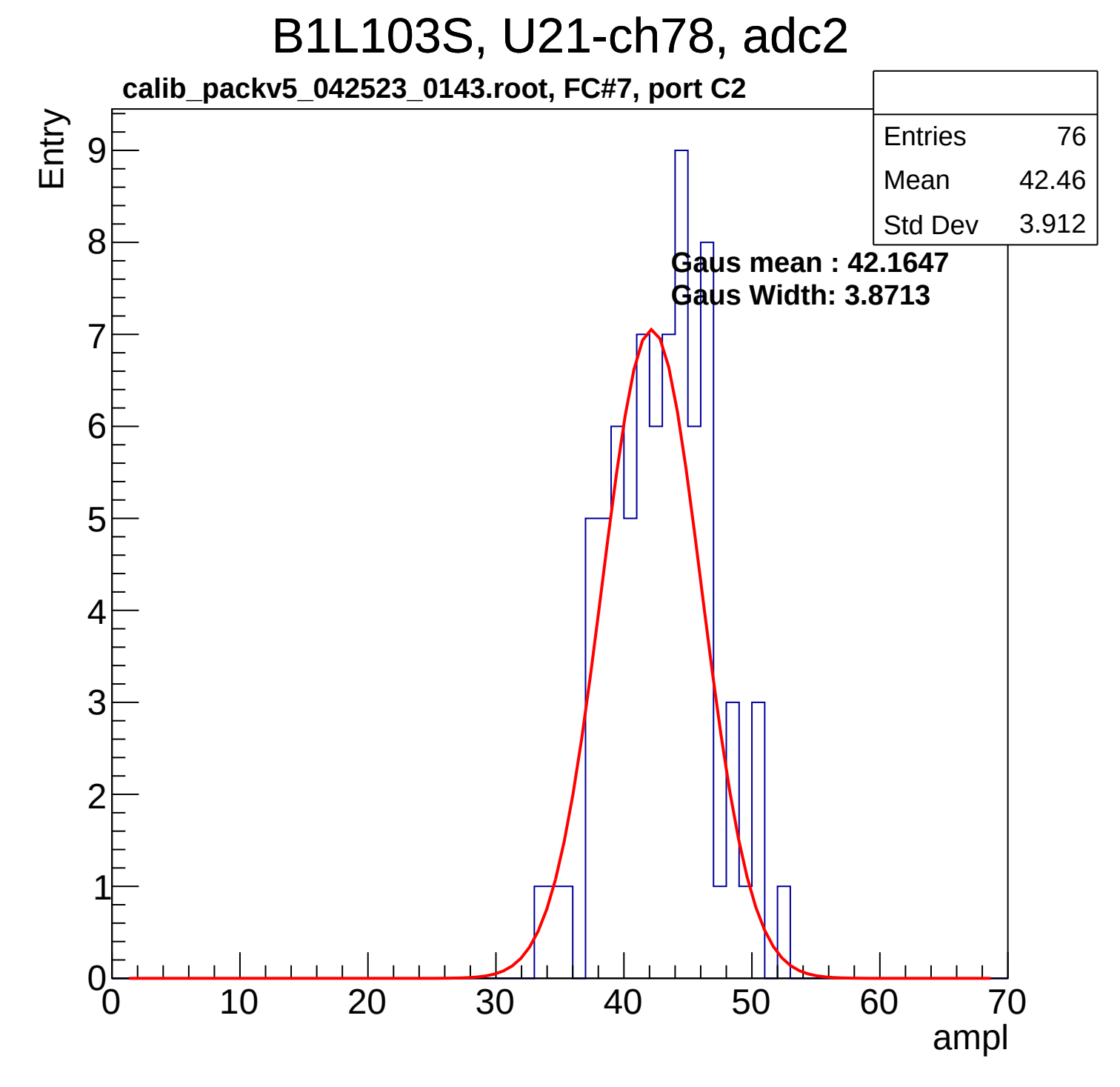
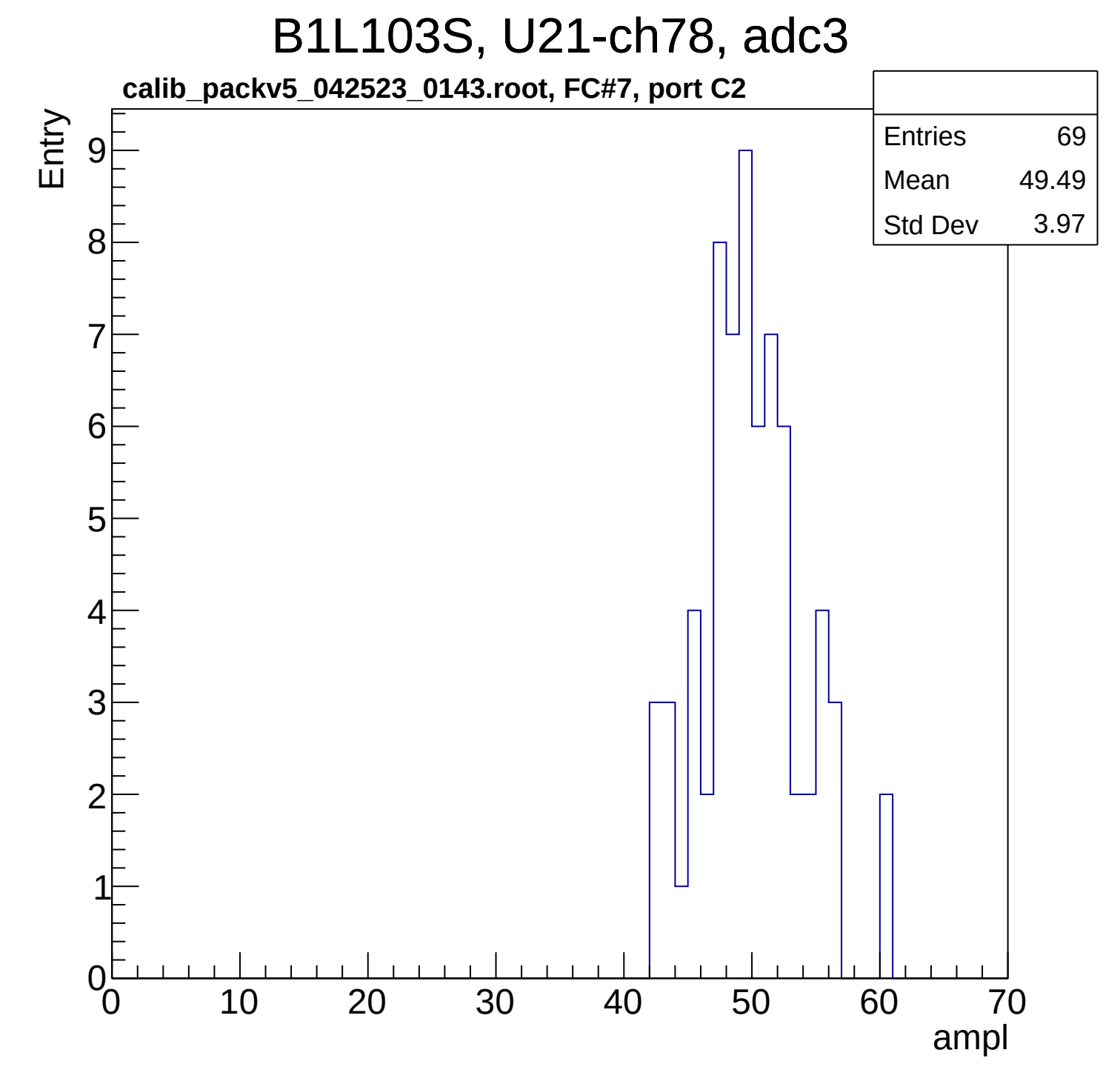
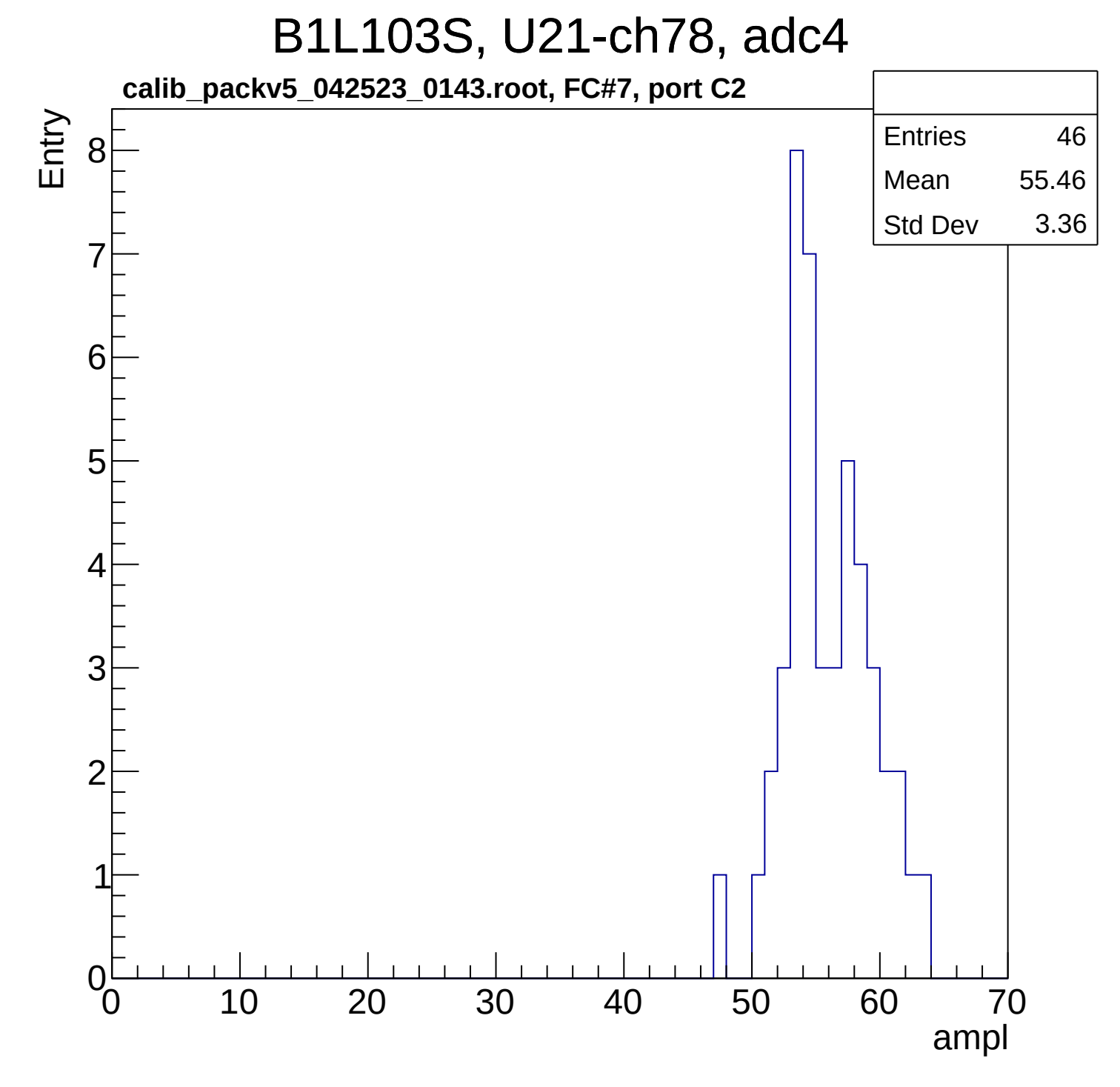

B1L103S, U21-ch78, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 36
Std Dev 3.137
Gaus mean : 36.4787
Gaus Width: 3.7991
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch78, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 42.46
Std Dev 3.912
Gaus mean : 42.1647
Gaus Width: 3.8713
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch78, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 49.49
Std Dev 3.97
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch78, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 46
Mean 55.46
Std Dev 3.36
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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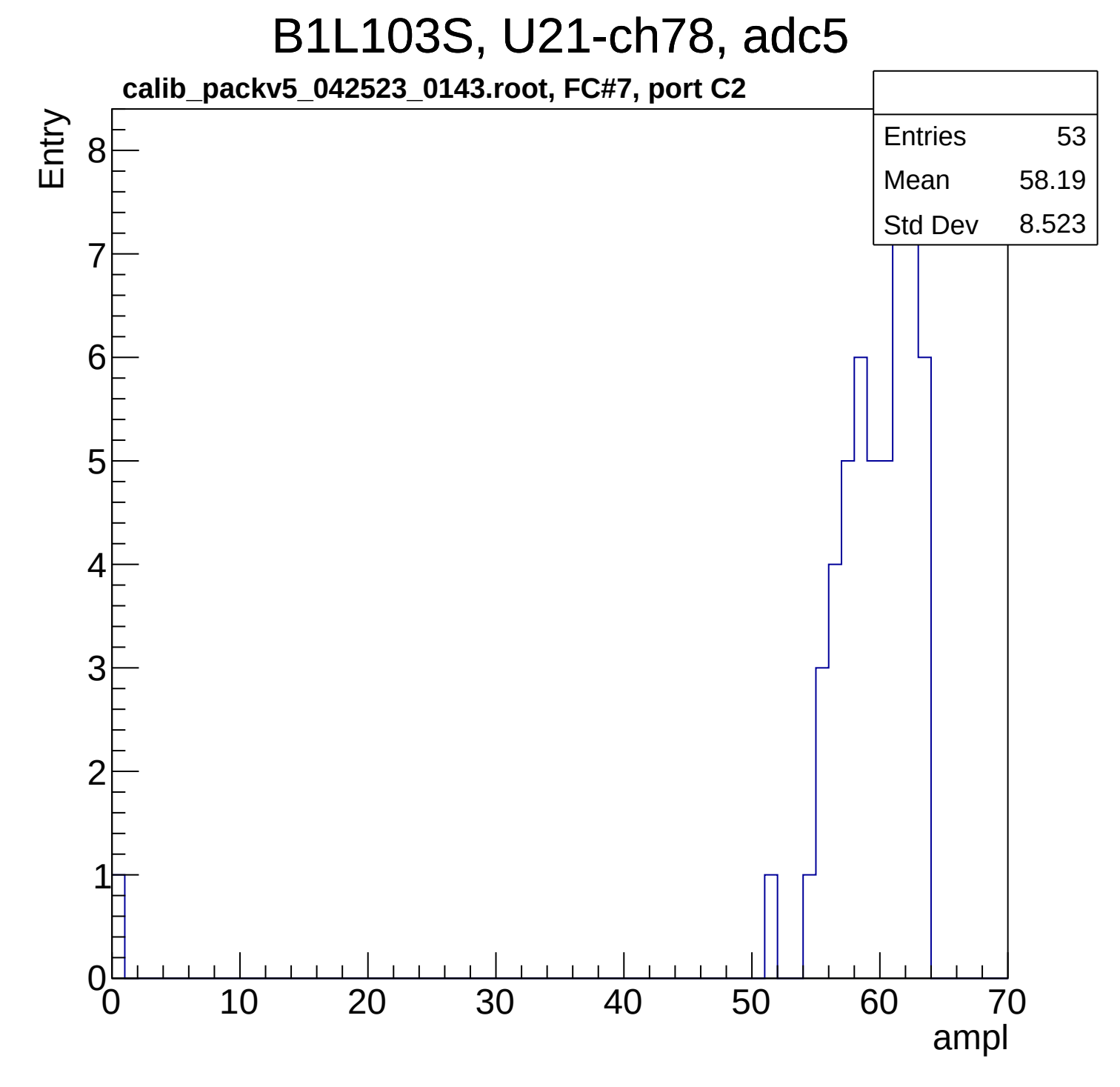
B1L103S, U21-ch78, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 53
Mean 58.19
Std Dev 8.523
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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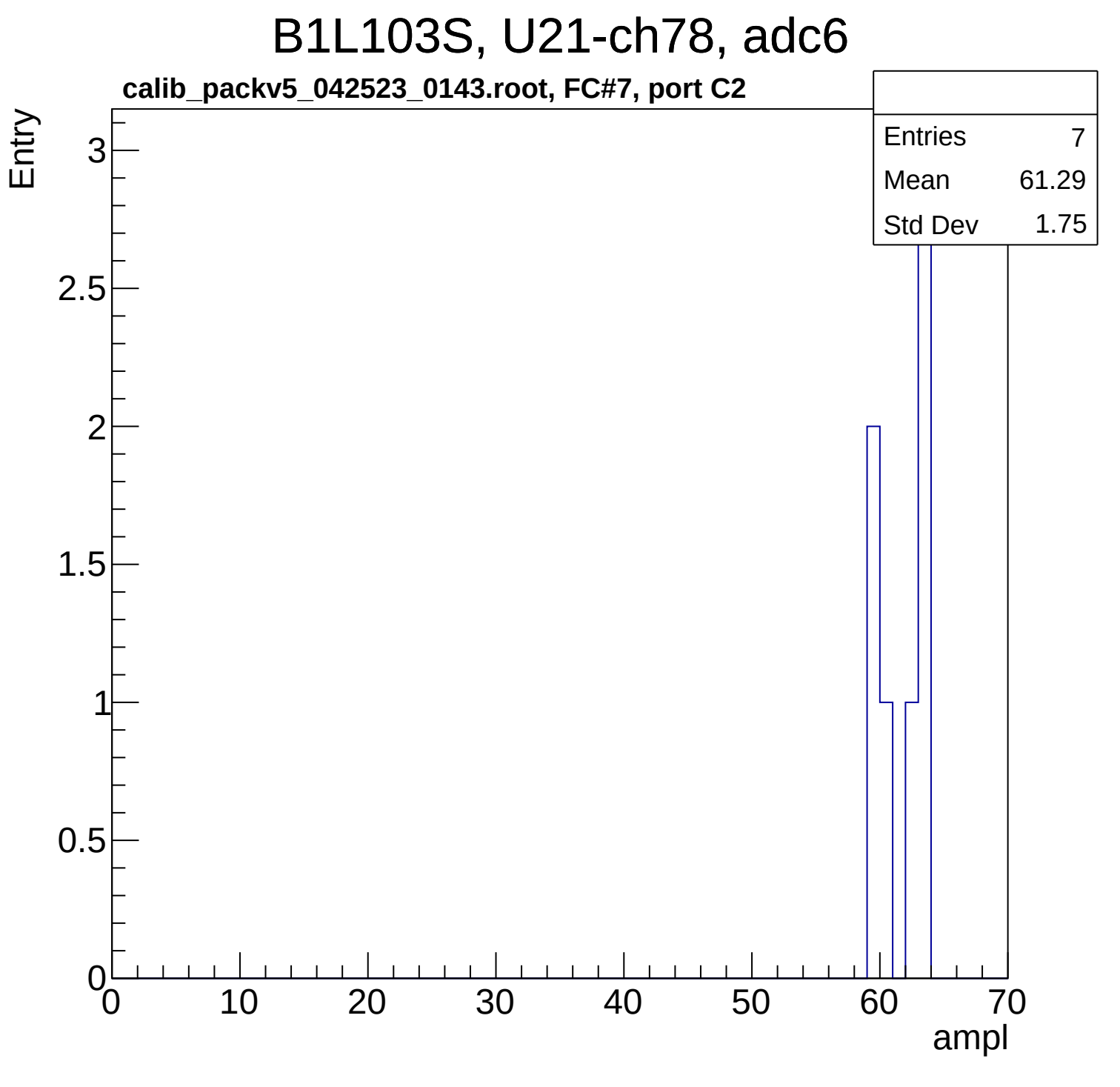
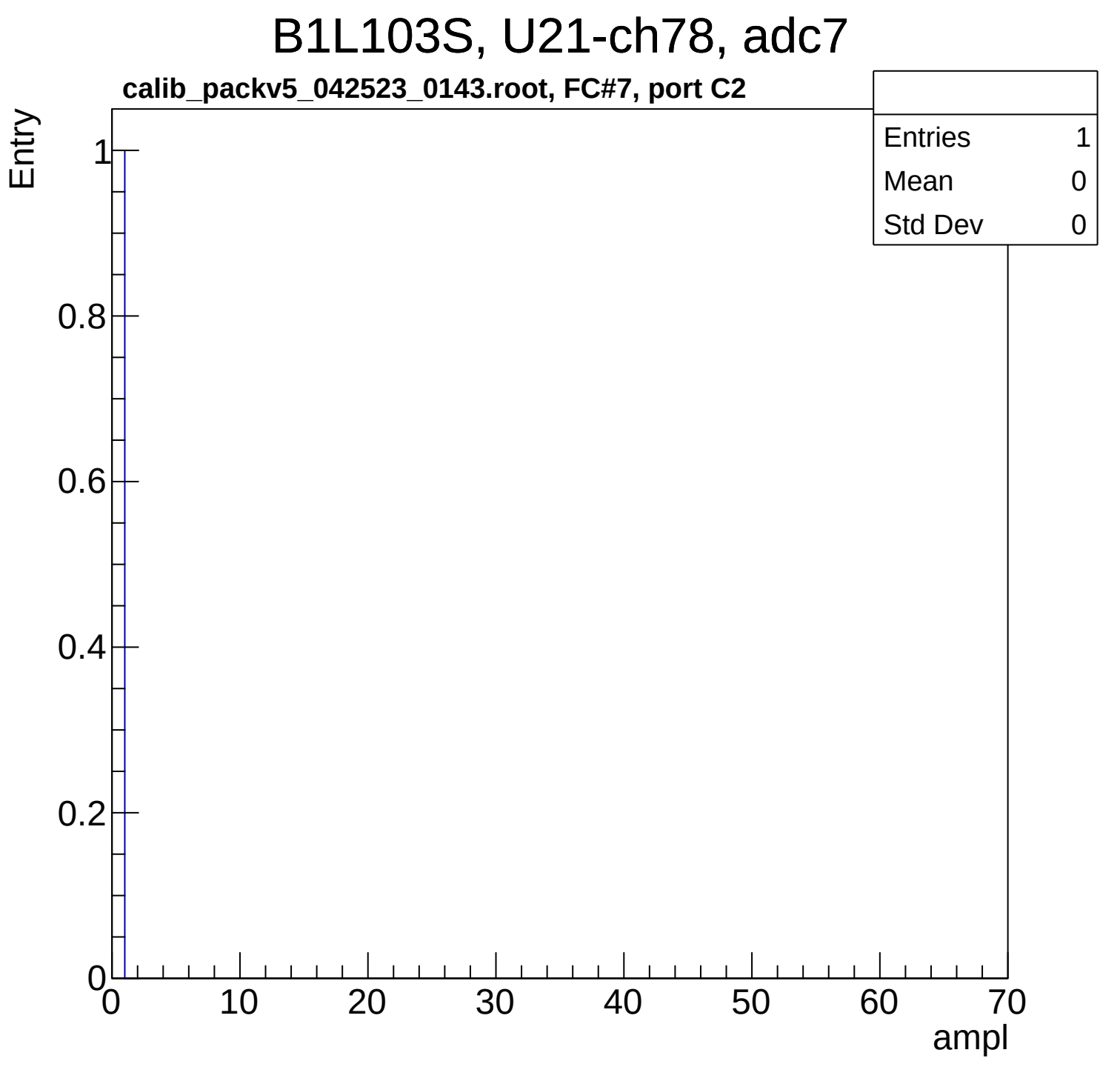
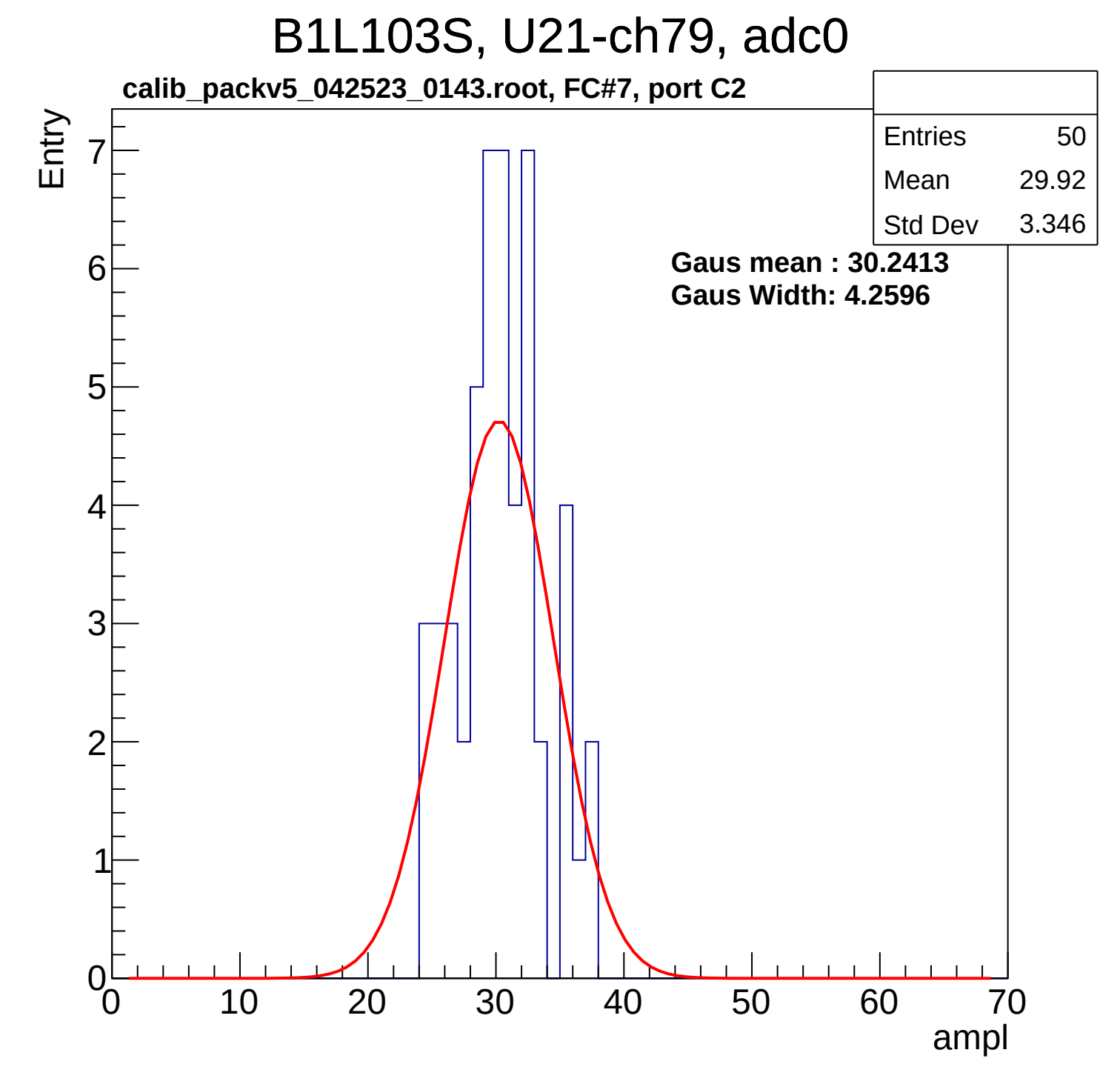
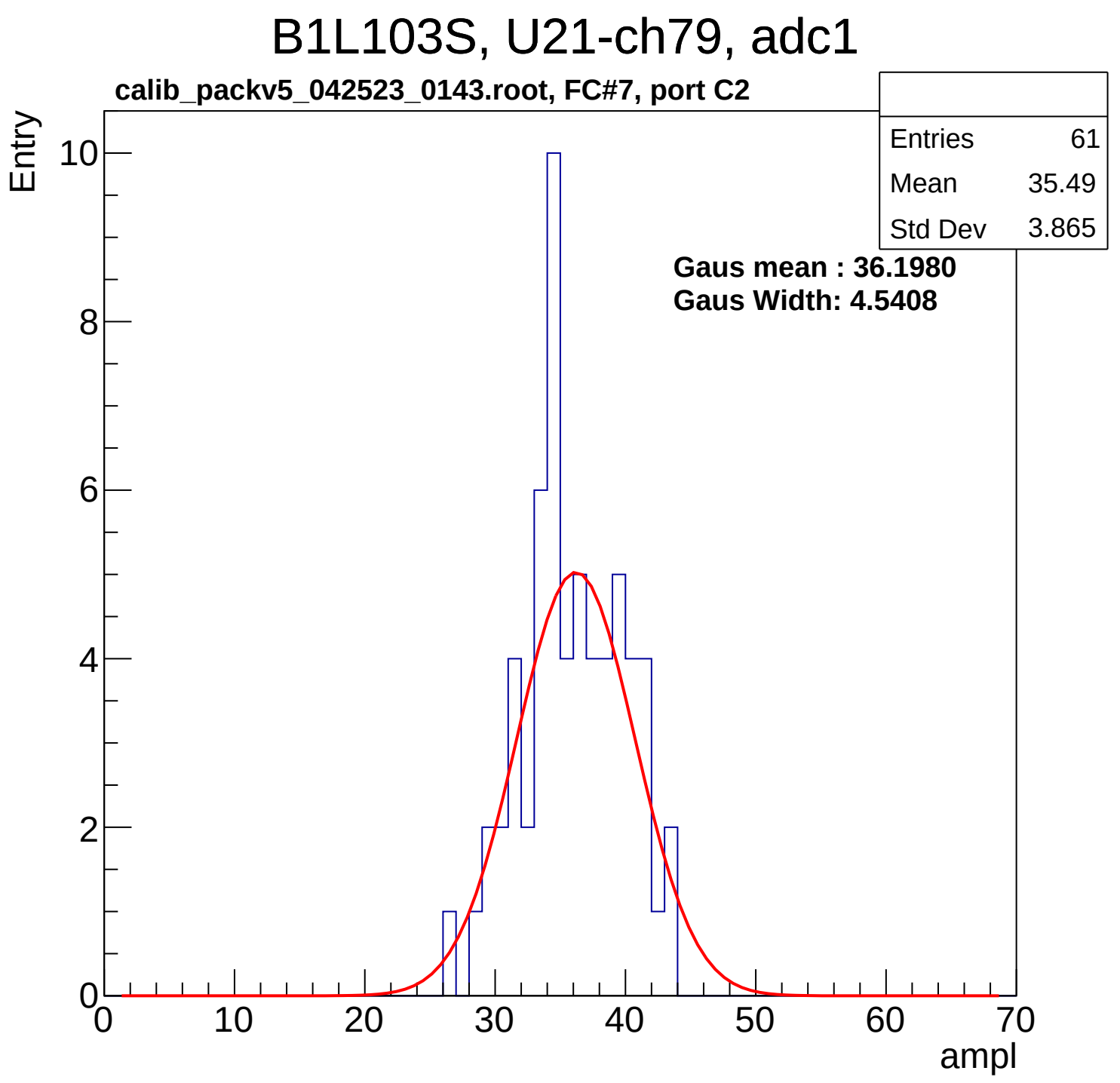
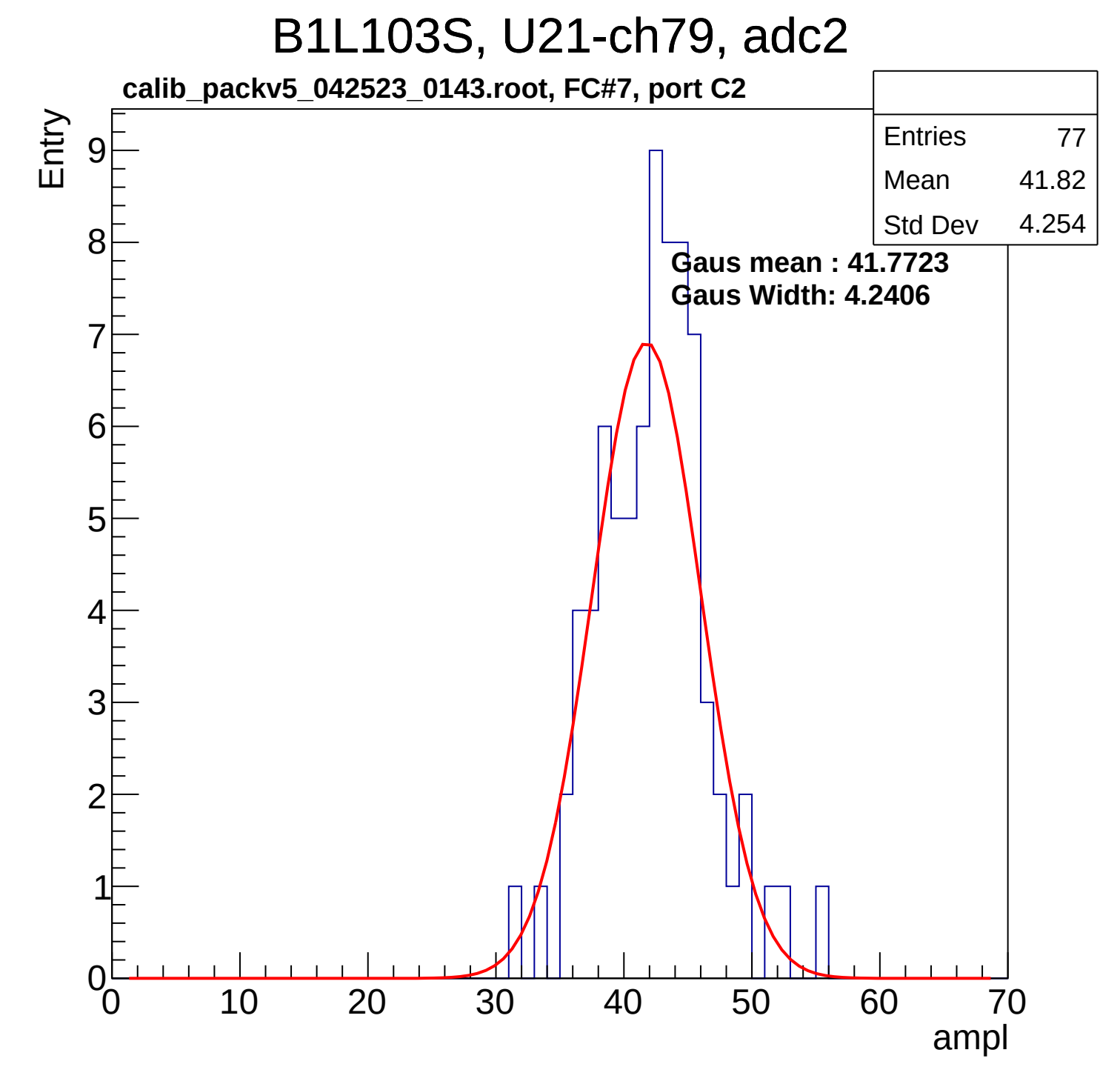

B1L103S, U21-ch78, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 7
Mean 61.29
Std Dev 1.75
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U21-ch78, 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, U21-ch79, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 50
Mean 29.92
Std Dev 3.346
Gaus mean : 30.2413
Gaus Width: 4.2596
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch79, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 35.49
Std Dev 3.865
Gaus mean : 36.1980
Gaus Width: 4.5408
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U21-ch79, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 77
Mean 41.82
Std Dev 4.254
Gaus mean : 41.7723
Gaus Width: 4.2406
Entry
ampl
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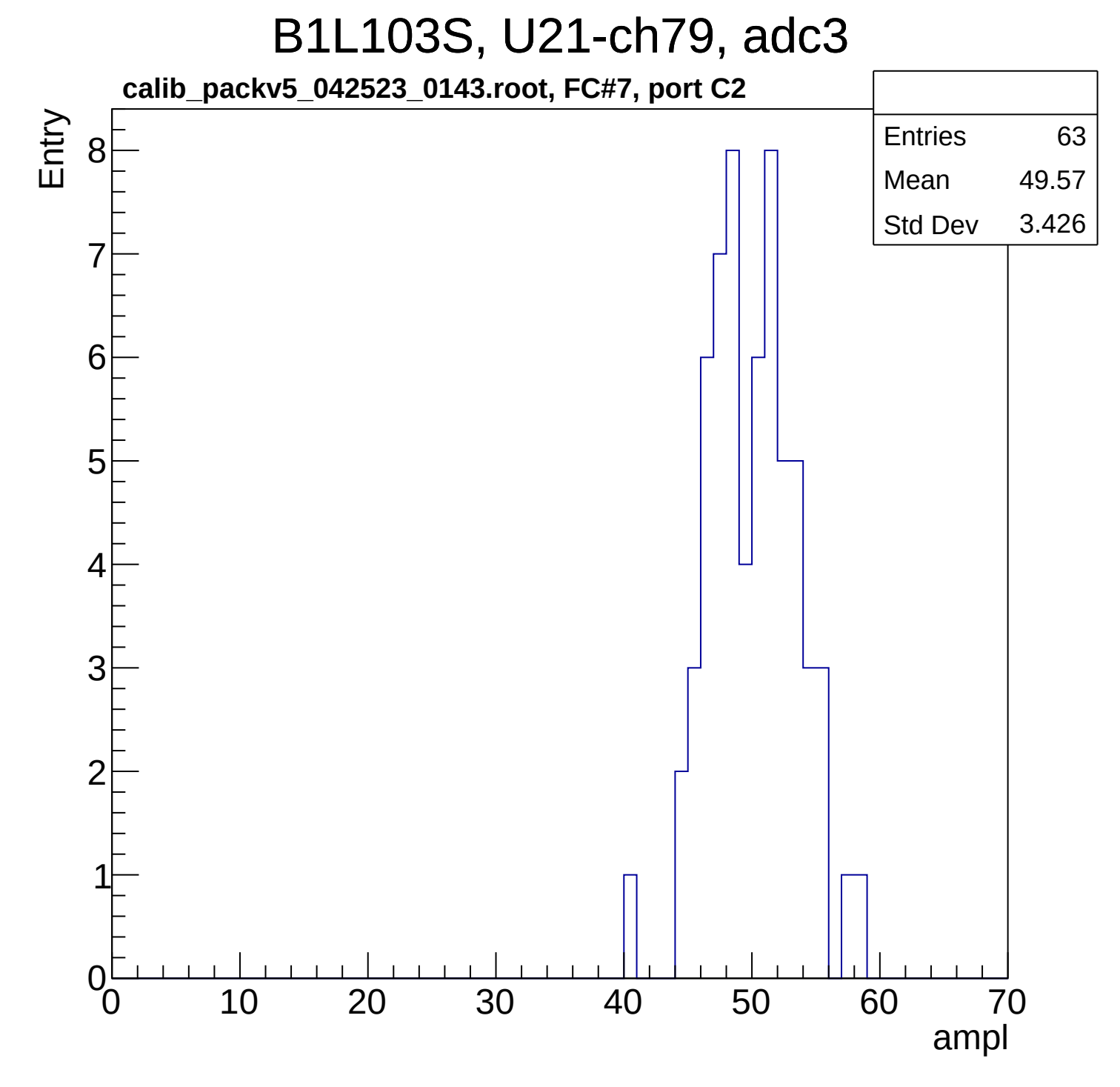
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch79, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 49.57
Std Dev 3.426
Entry
ampl
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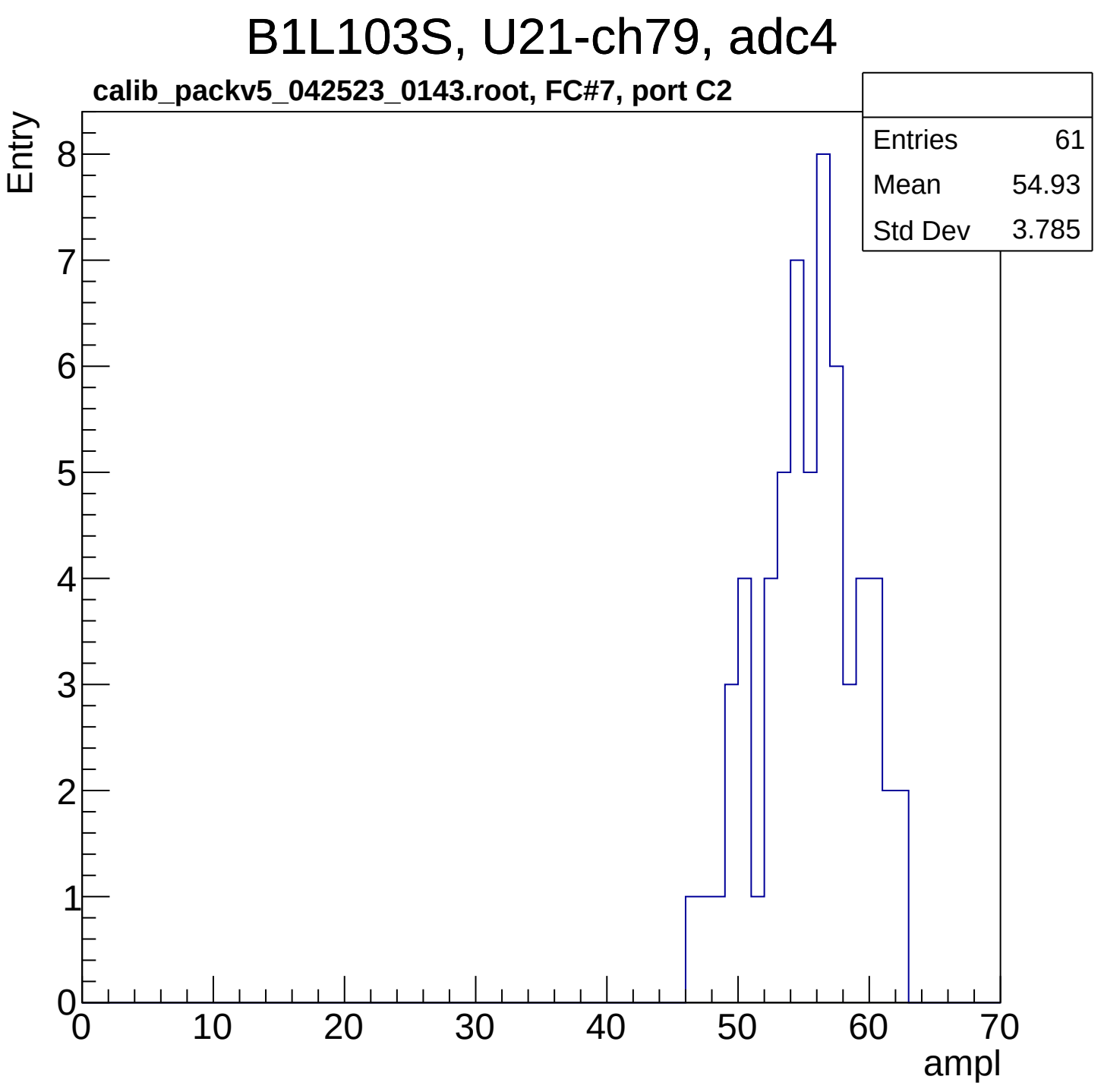
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch79, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 54.93
Std Dev 3.785
Entry
0
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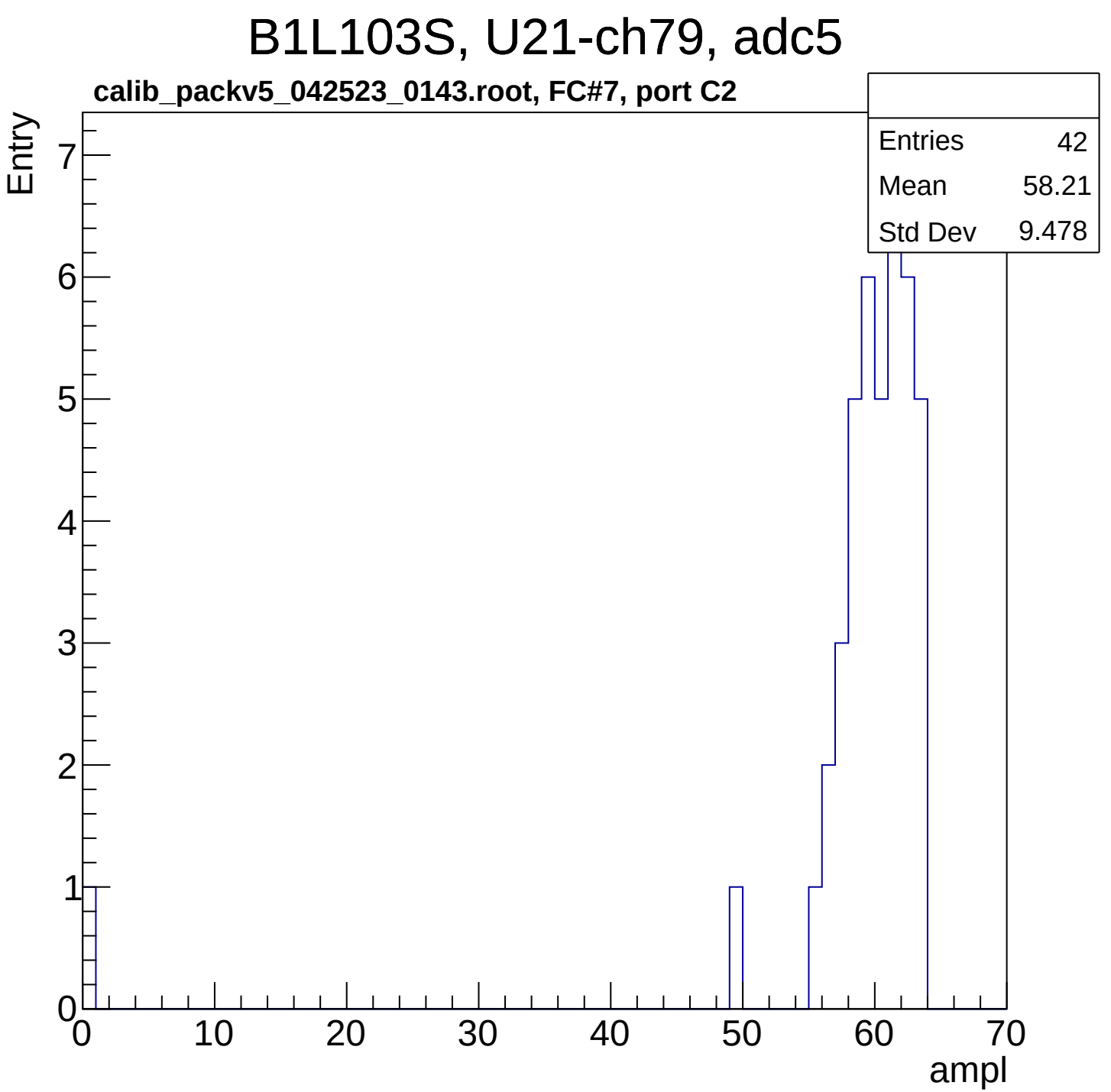
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch79, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 42
Mean 58.21
Std Dev 9.478
Entry
ampl
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1
2
3
4
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6
7
0
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20
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40
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60
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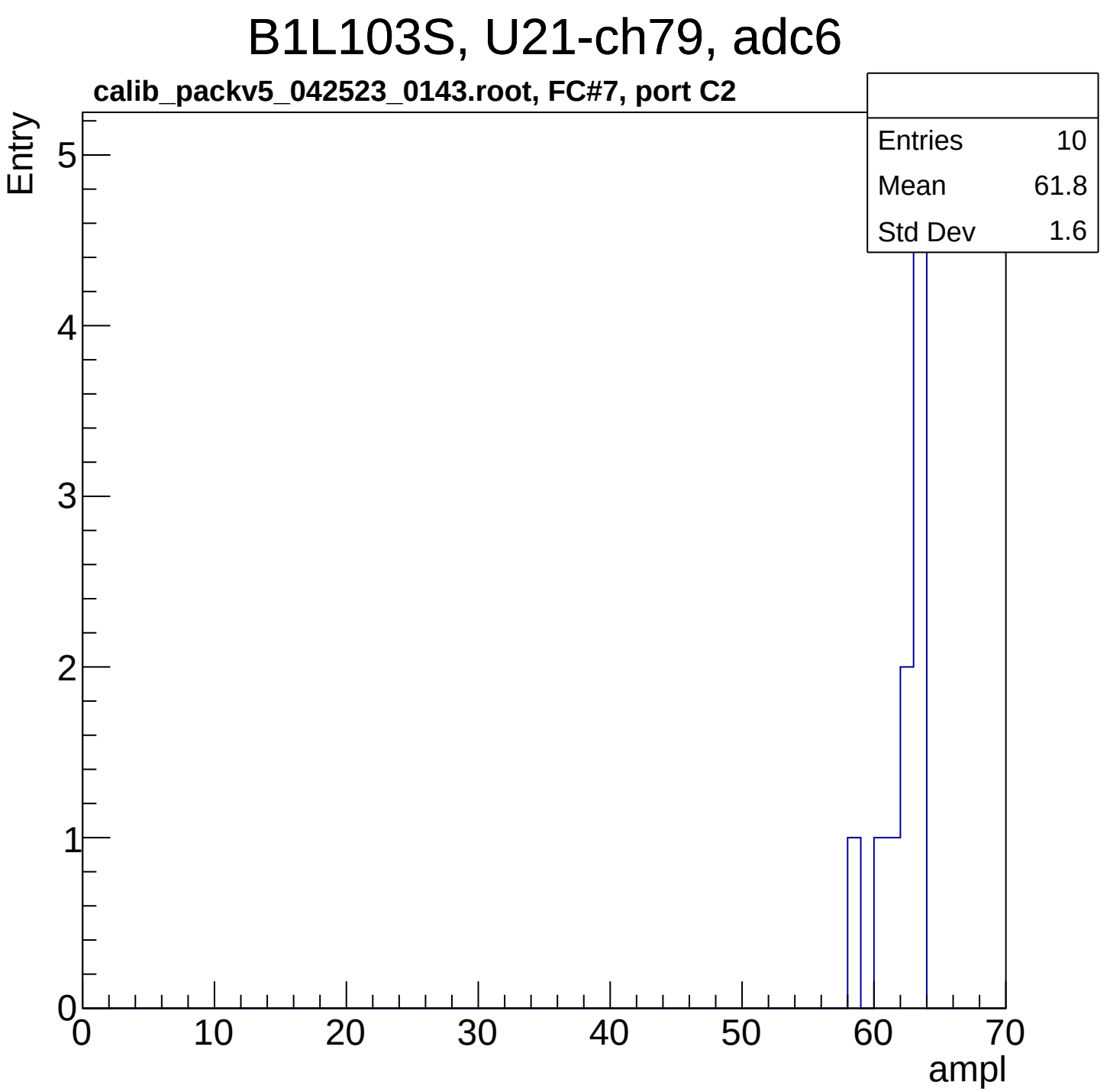
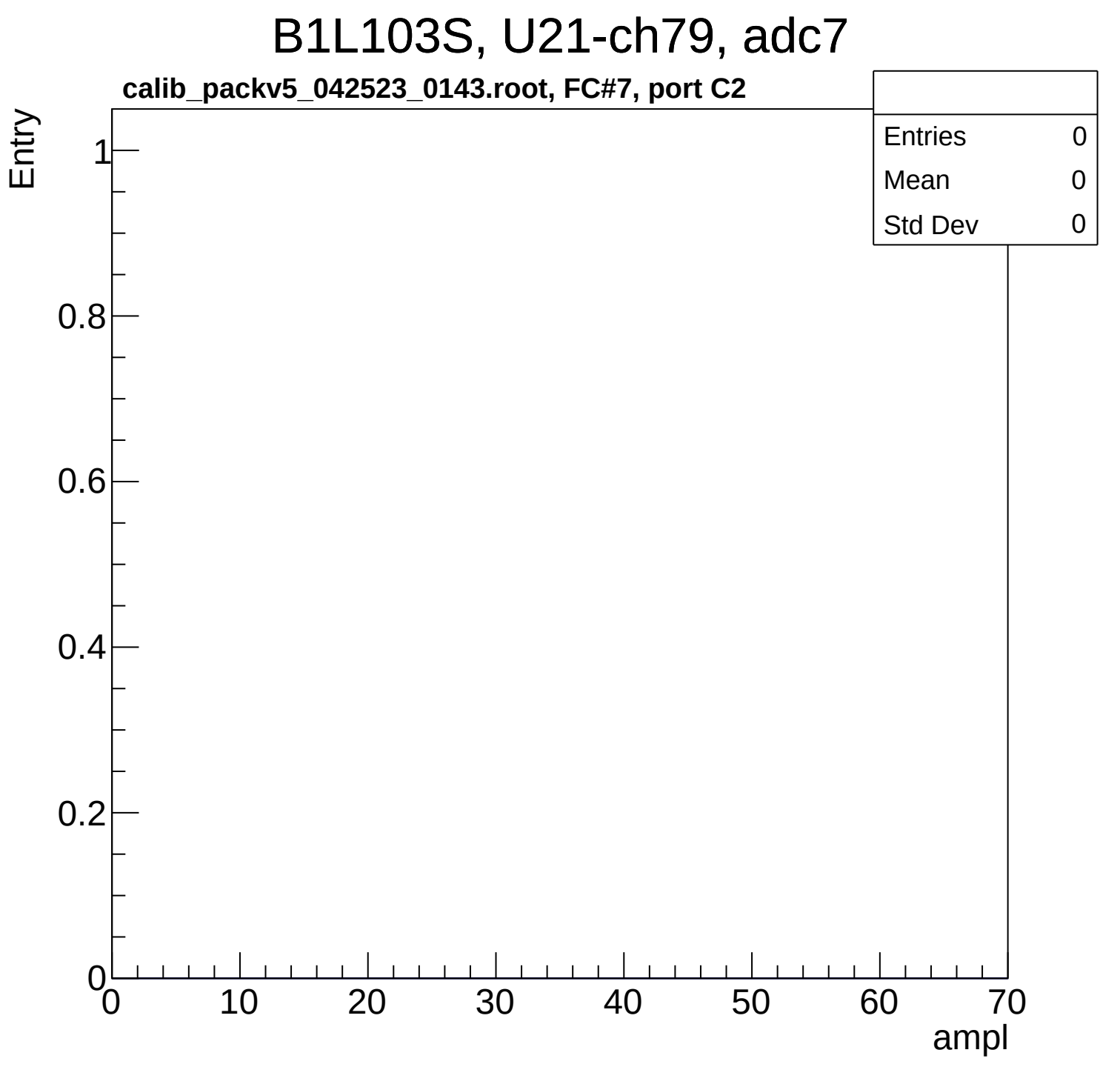
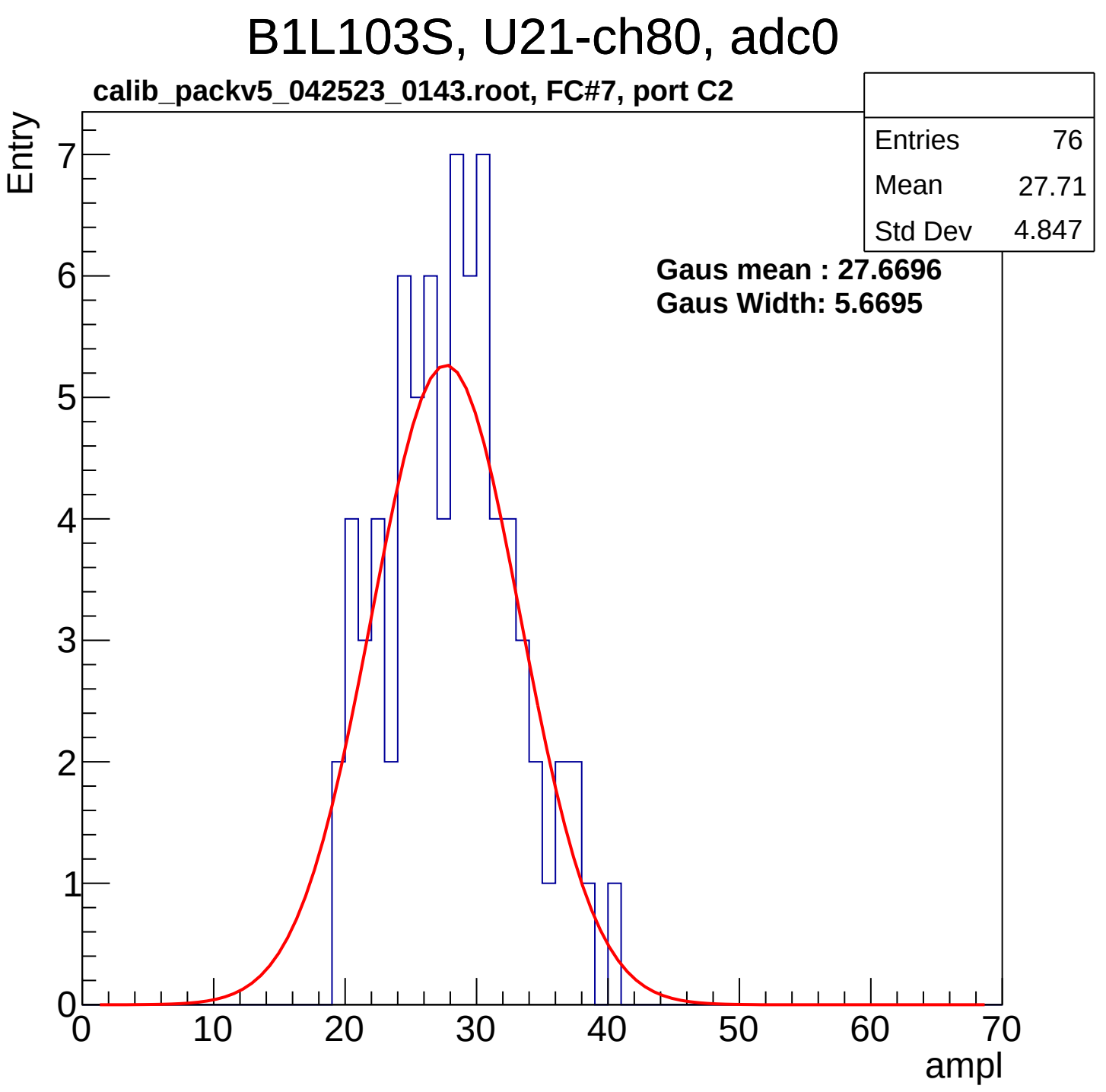

B1L103S, U21-ch79, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 10
Mean 61.8
Std Dev 1.6
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch79, 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, U21-ch80, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 27.71
Std Dev 4.847
Gaus mean : 27.6696
Gaus Width: 5.6695
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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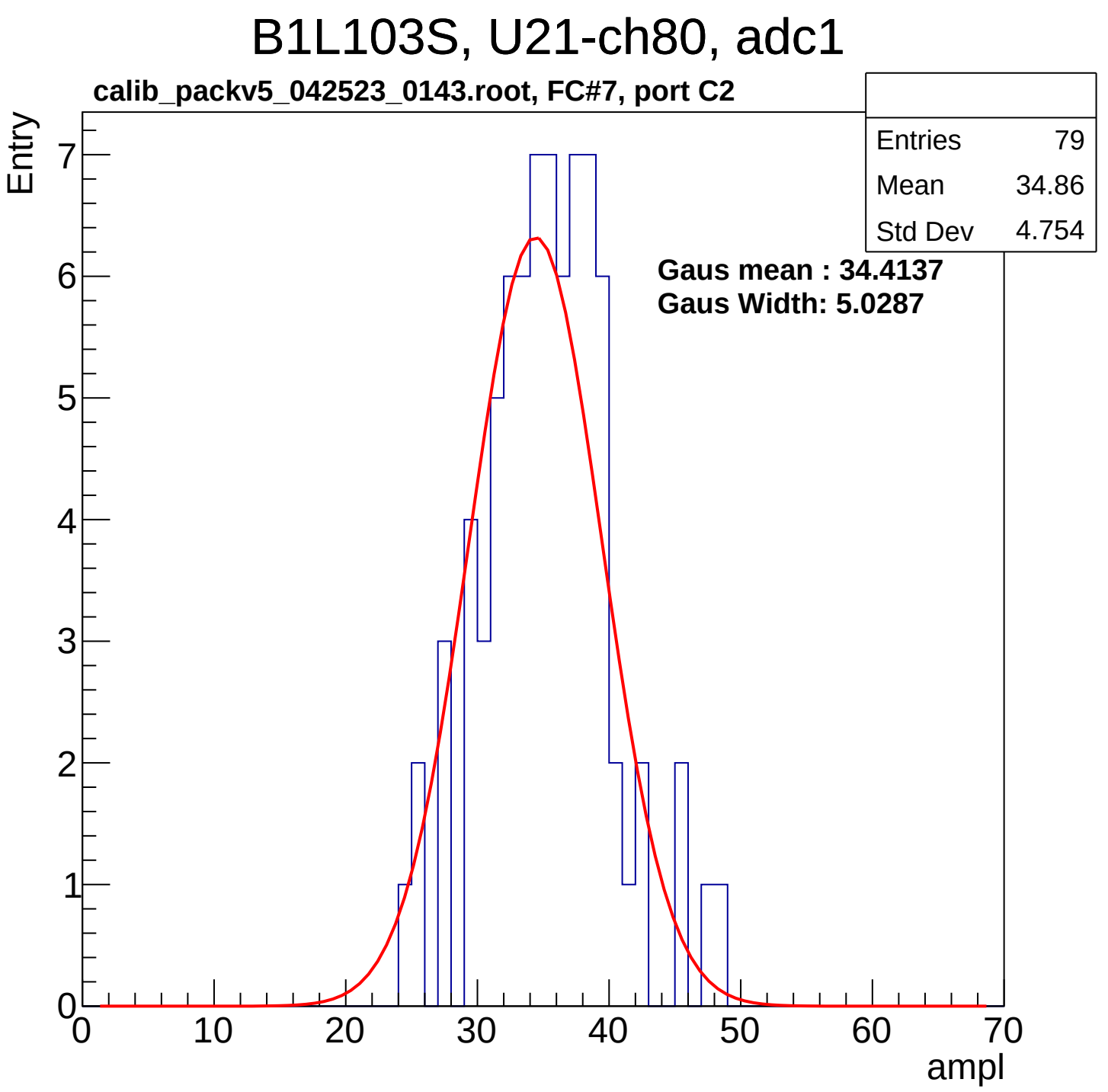
B1L103S, U21-ch80, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 79
Mean 34.86
Std Dev 4.754
Gaus mean : 34.4137
Gaus Width: 5.0287
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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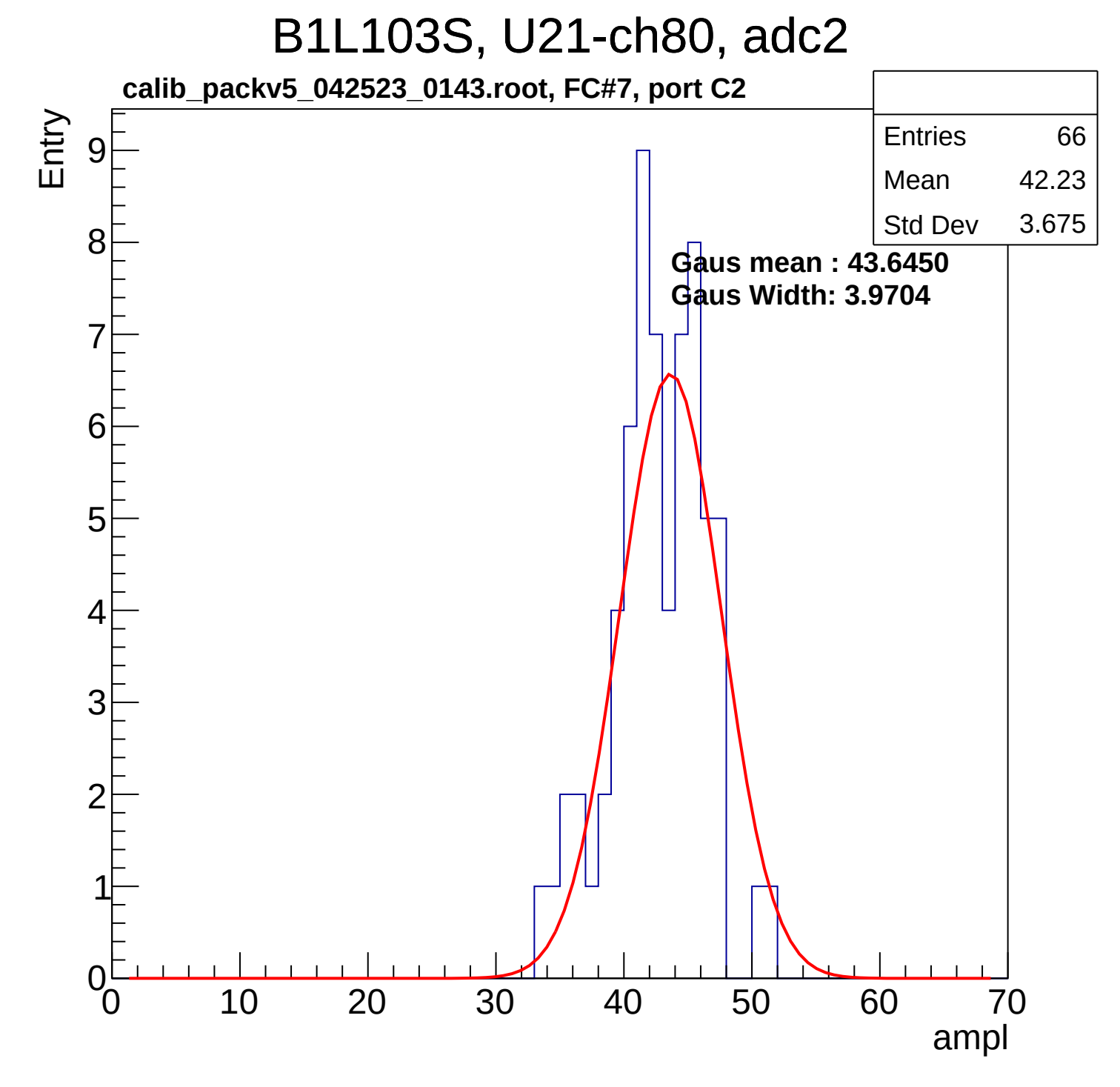
B1L103S, U21-ch80, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 42.23
Std Dev 3.675
Gaus mean : 43.6450
Gaus Width: 3.9704
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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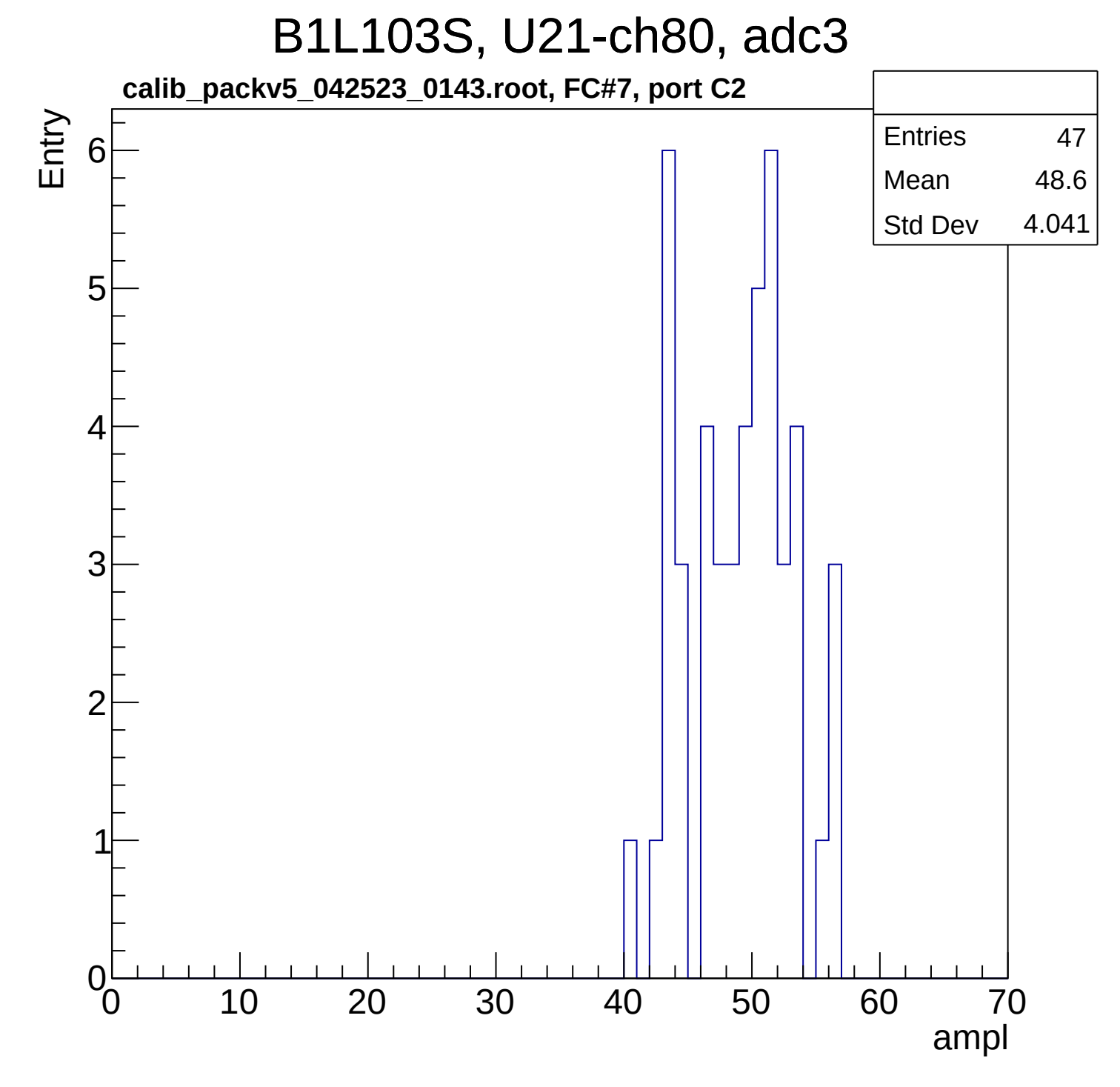
B1L103S, U21-ch80, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 47
Mean 48.6
Std Dev 4.041
Entry
ampl
0
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2
3
4
5
6
0
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20
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40
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60
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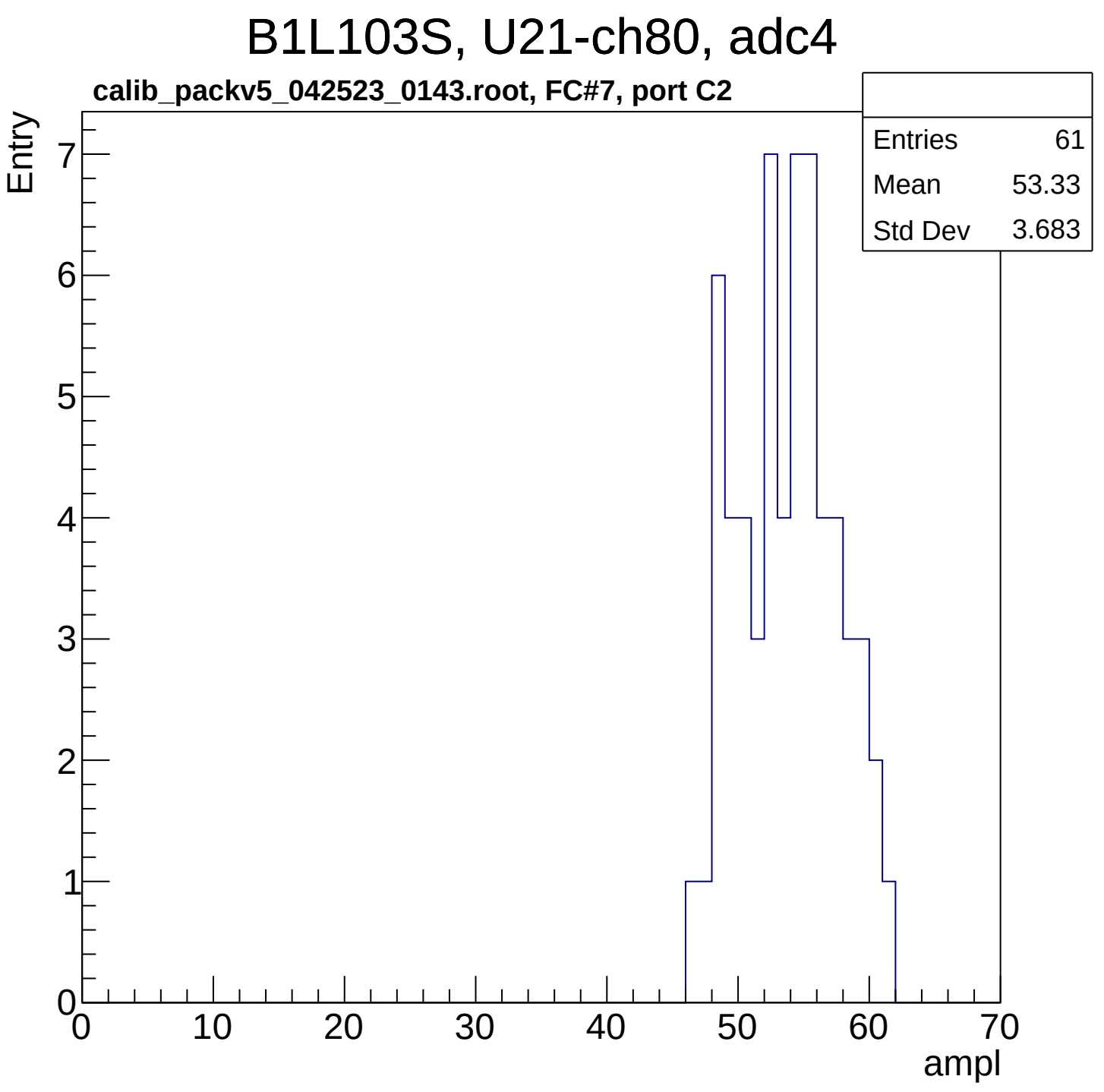
B1L103S, U21-ch80, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 53.33
Std Dev 3.683
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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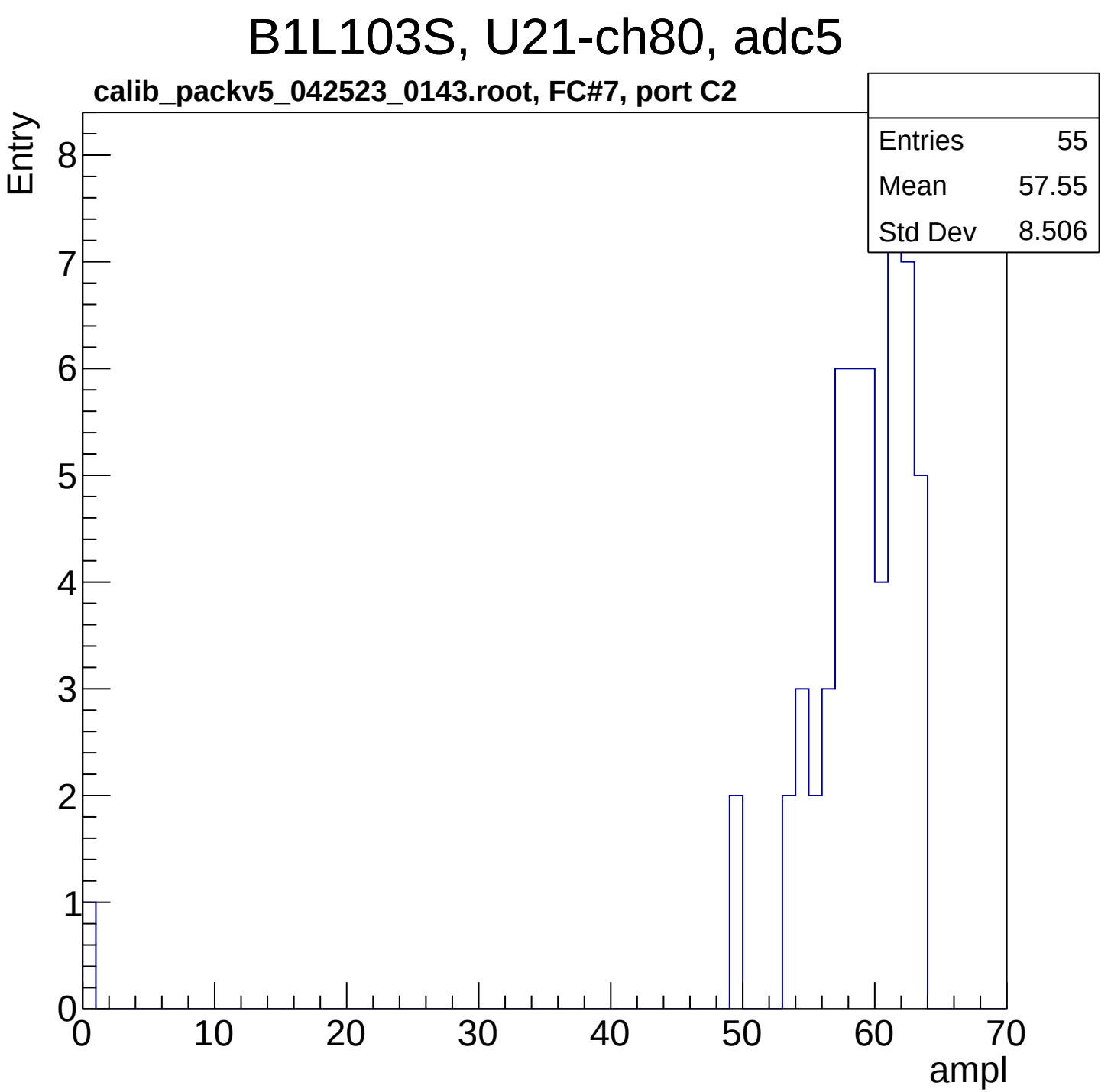
B1L103S, U21-ch80, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 57.55
Std Dev 8.506
Entry
ampl
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2
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4
5
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0
10
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40
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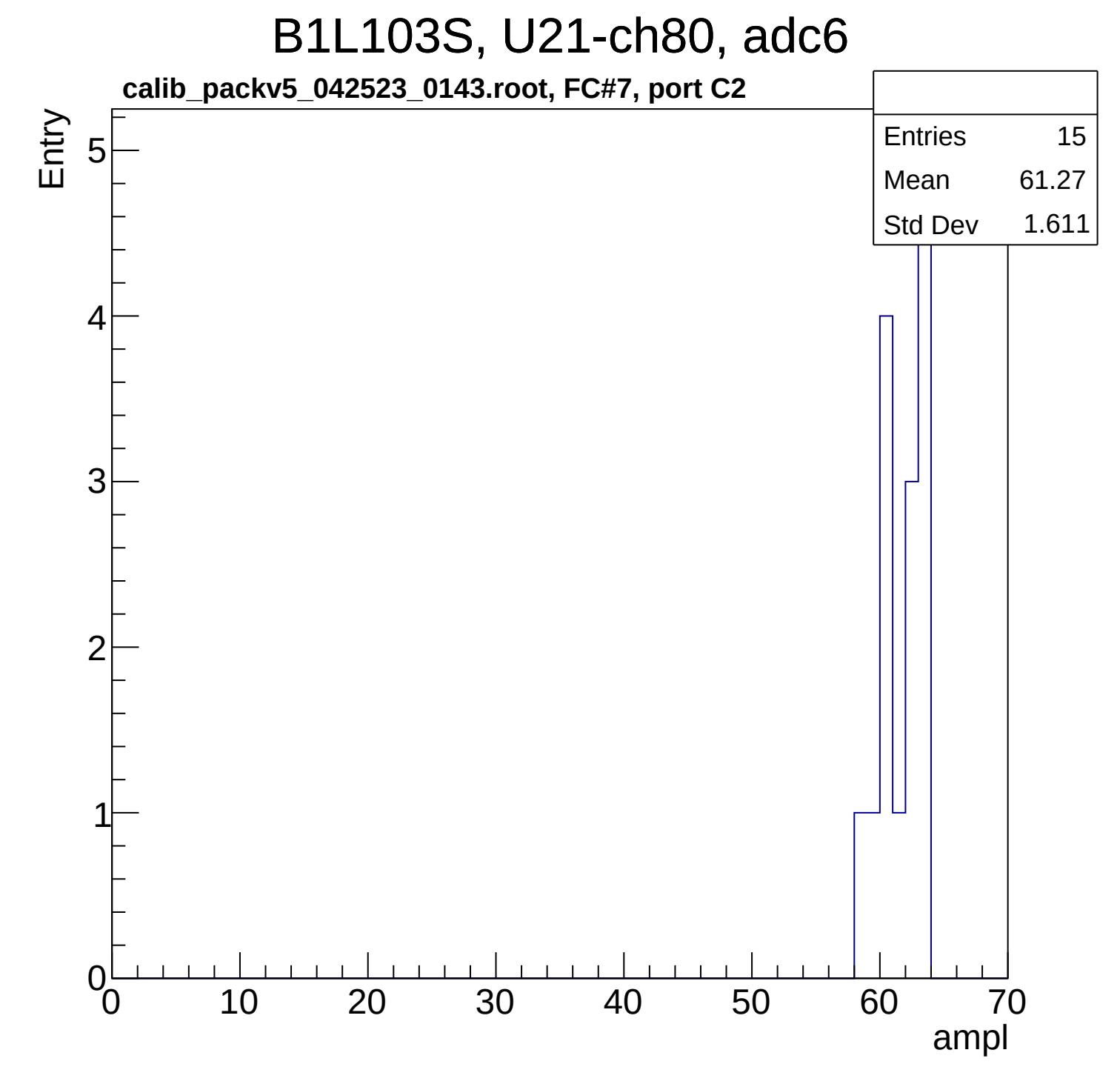
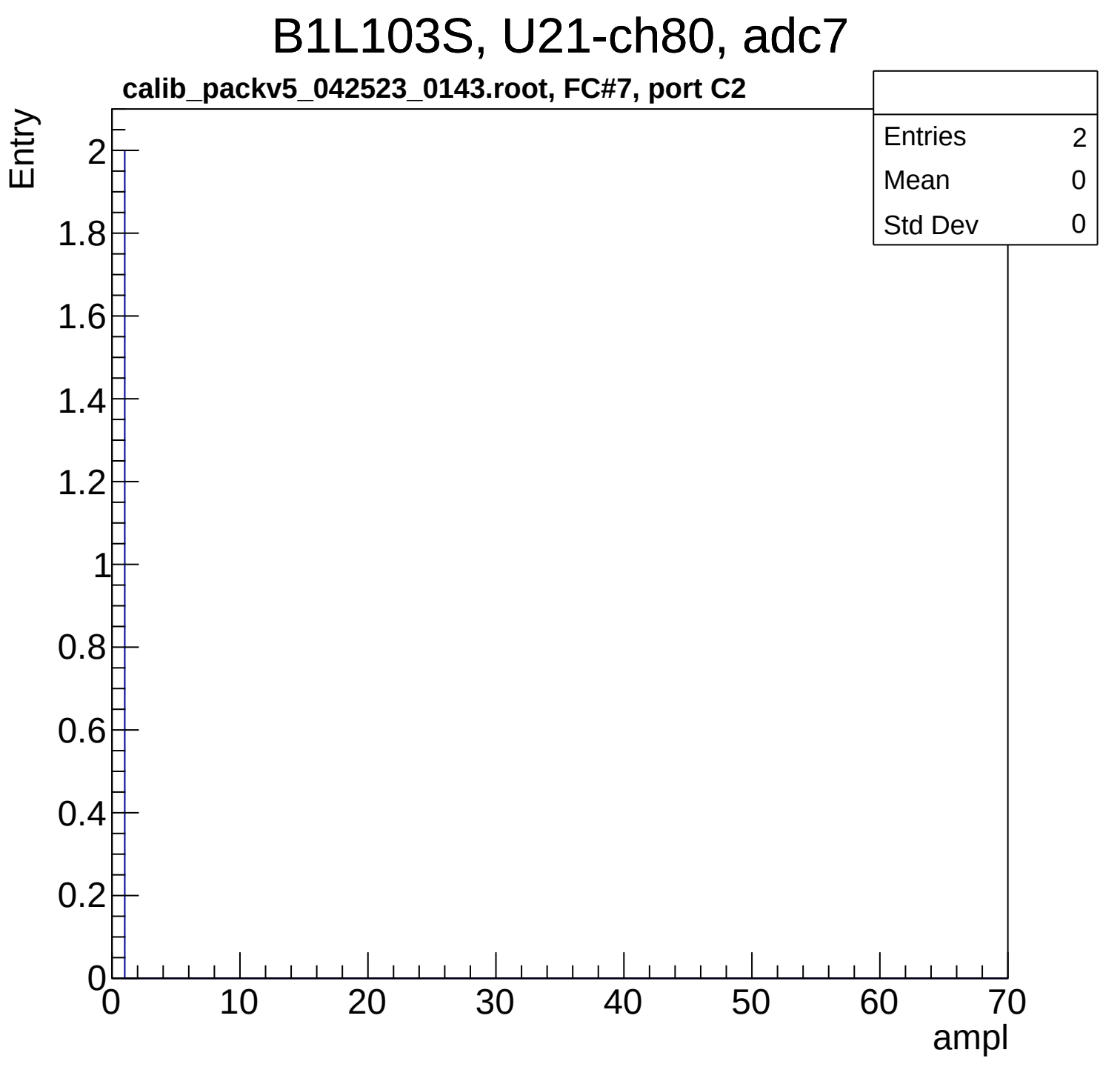
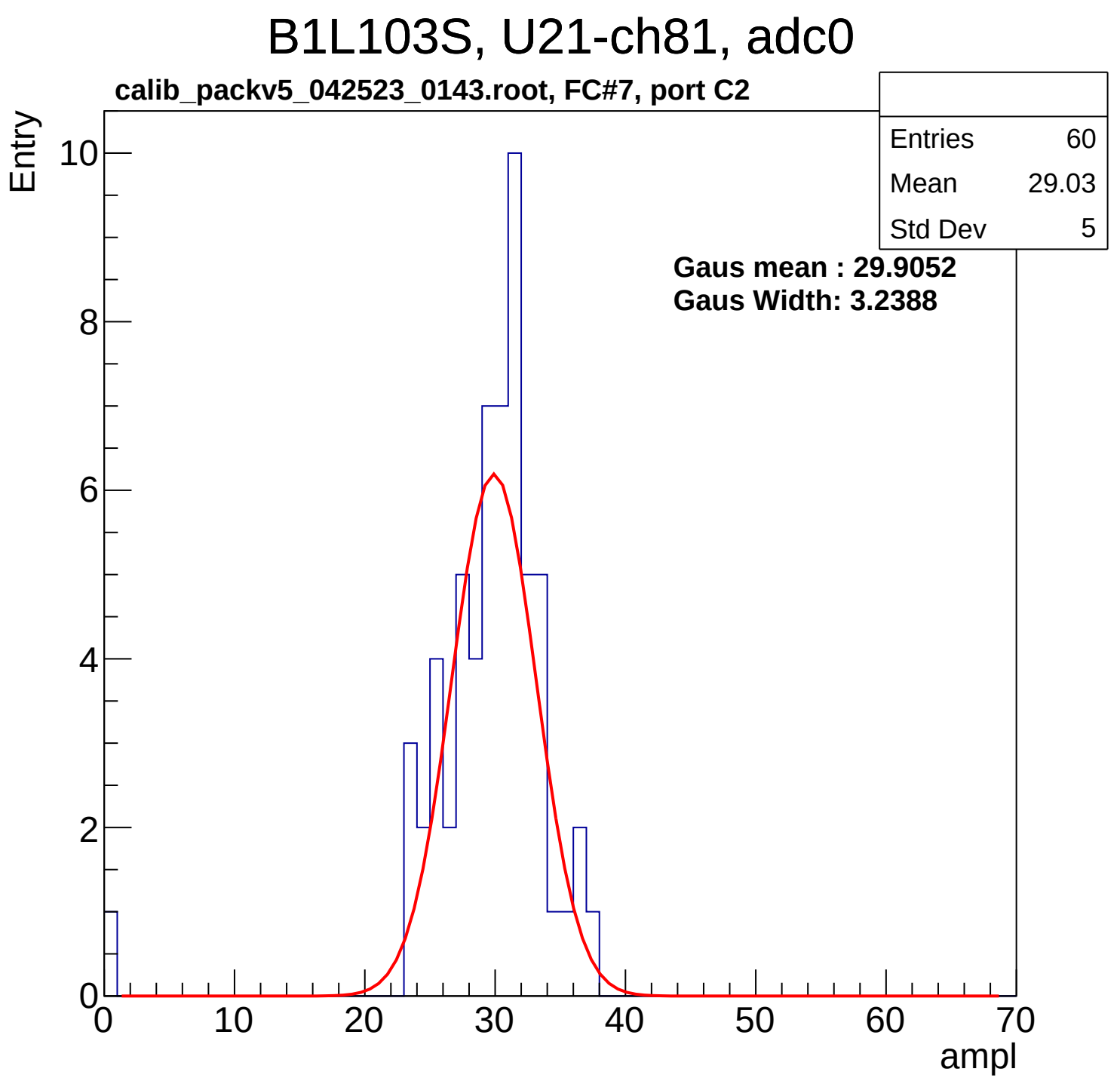

B1L103S, U21-ch80, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 15
Mean 61.27
Std Dev 1.611
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch80, 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, U21-ch81, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 29.03
Std Dev 5
Gaus mean : 29.9052
Gaus Width: 3.2388
Entry
ampl
0
2
4
6
8
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0
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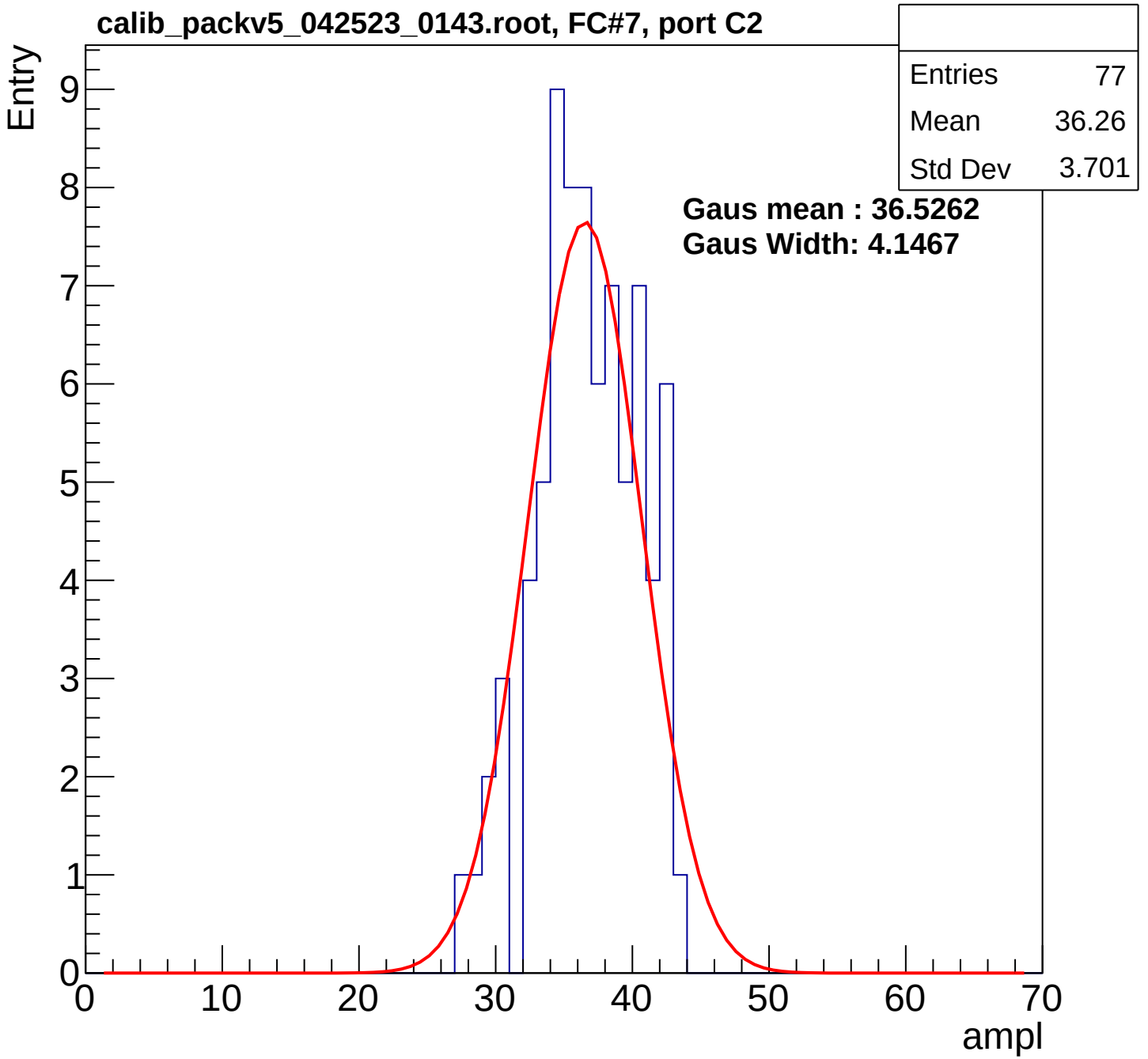
B1L103S, U21-ch81, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 77
Mean 36.26
Std Dev 3.701
Gaus mean : 36.5262
Gaus Width: 4.1467
Entry
ampl
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2
3
4
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6
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0
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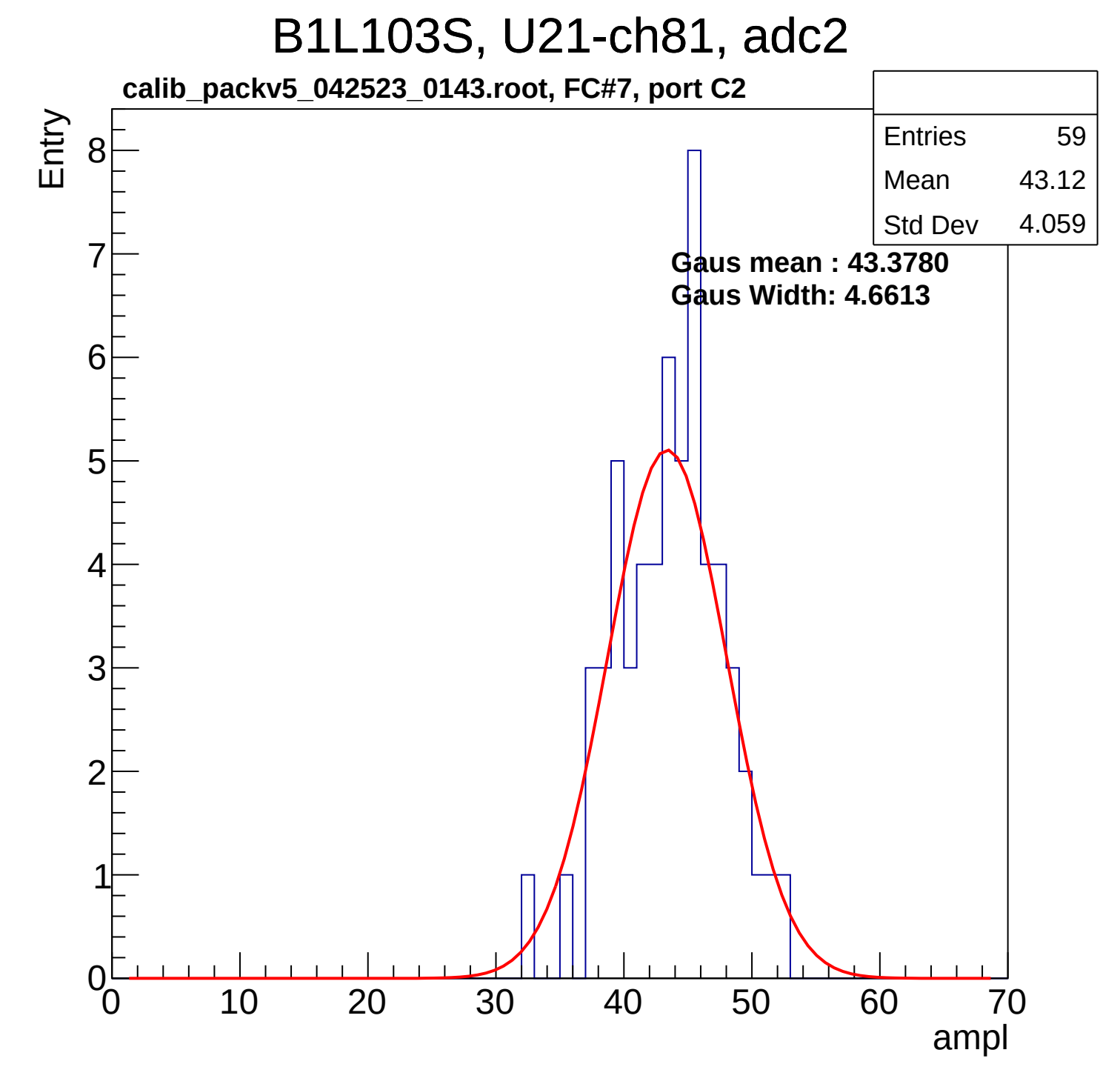
B1L103S, U21-ch81, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 43.12
Std Dev 4.059
Gaus mean : 43.3780
Gaus Width: 4.6613
Entry
ampl
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1
2
3
4
5
6
7
8
0
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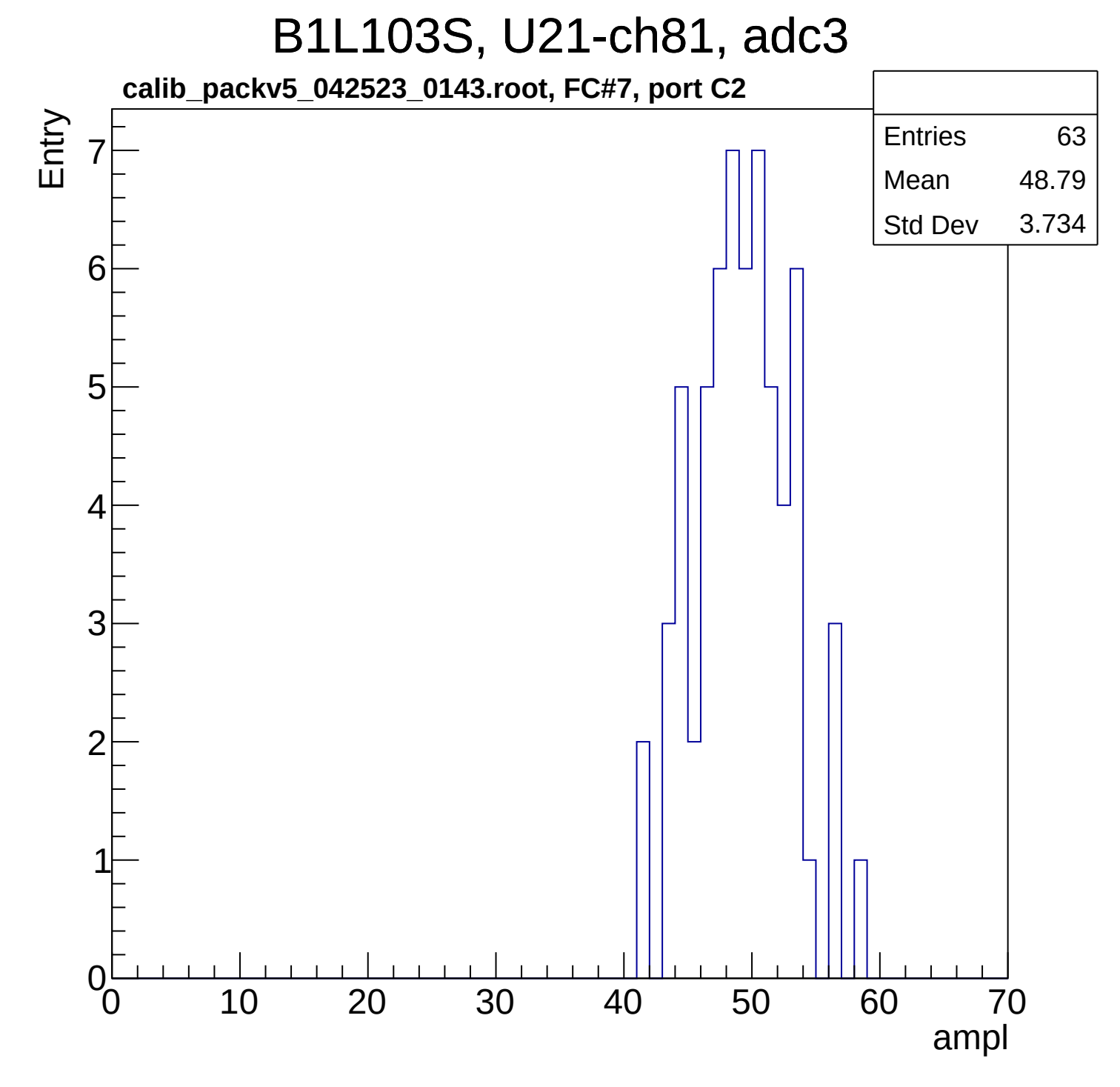
B1L103S, U21-ch81, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 48.79
Std Dev 3.734
Entry
ampl
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1
2
3
4
5
6
7
0
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60
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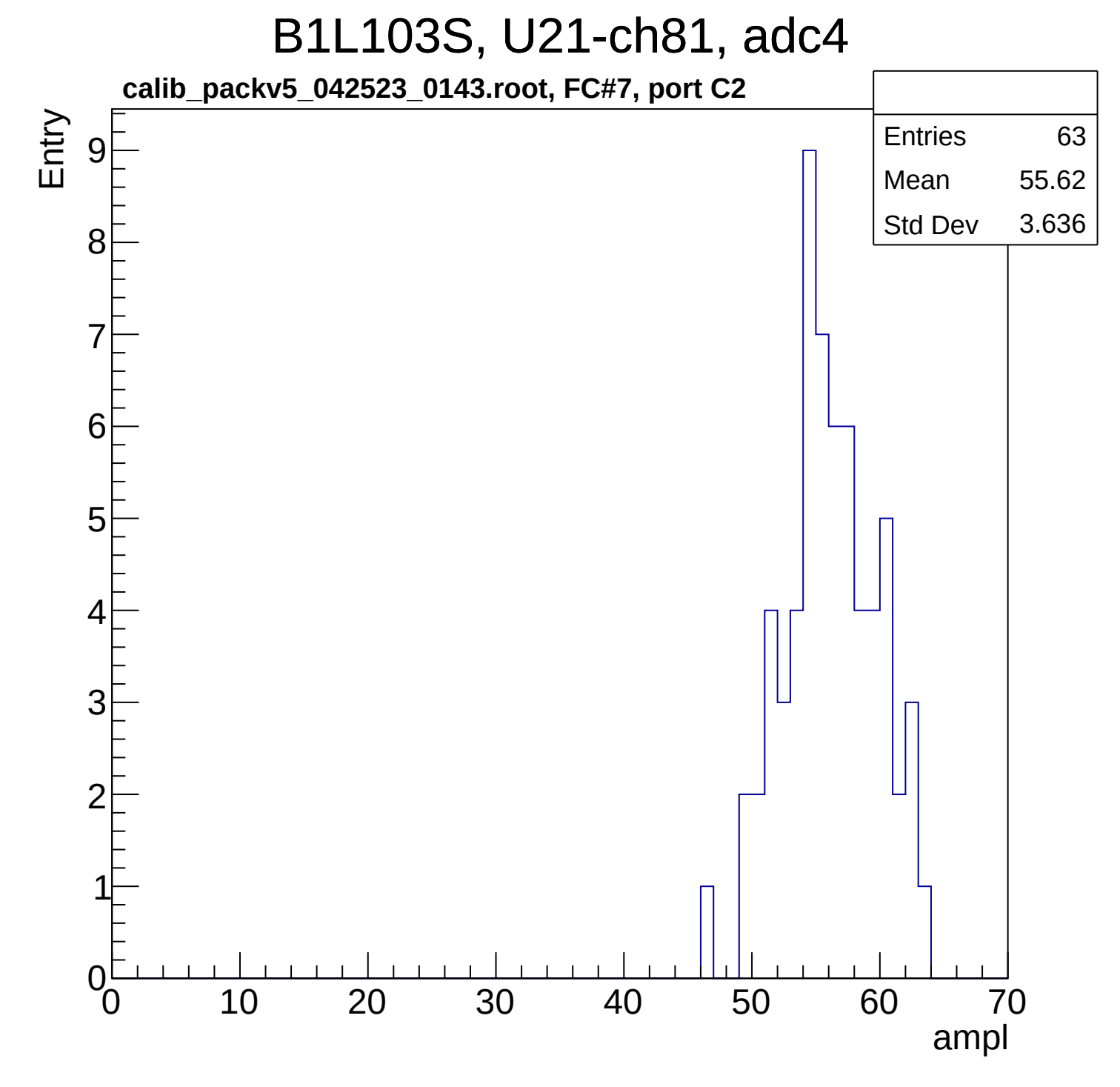
B1L103S, U21-ch81, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 55.62
Std Dev 3.636
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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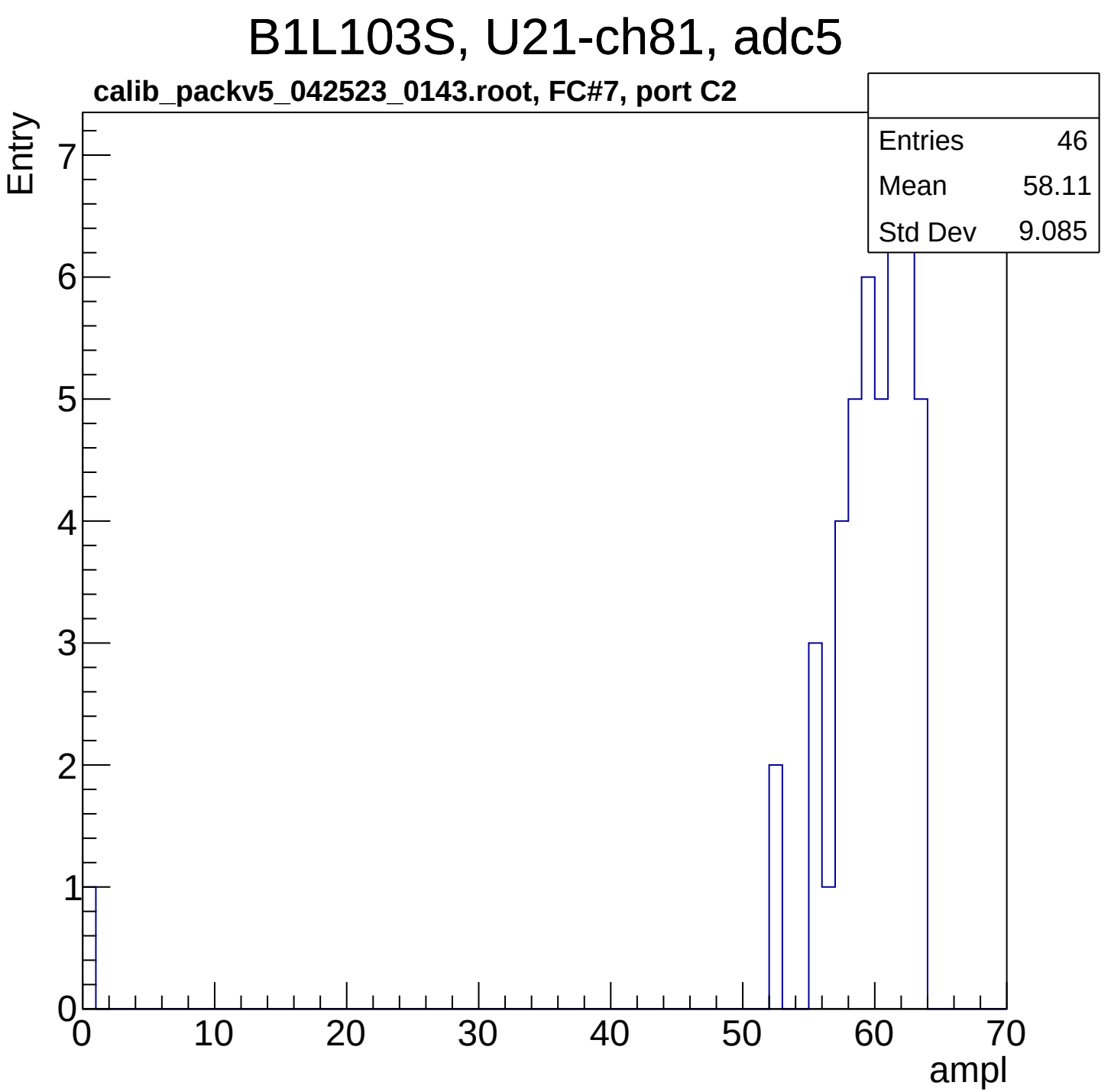
B1L103S, U21-ch81, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 46
Mean 58.11
Std Dev 9.085
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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60
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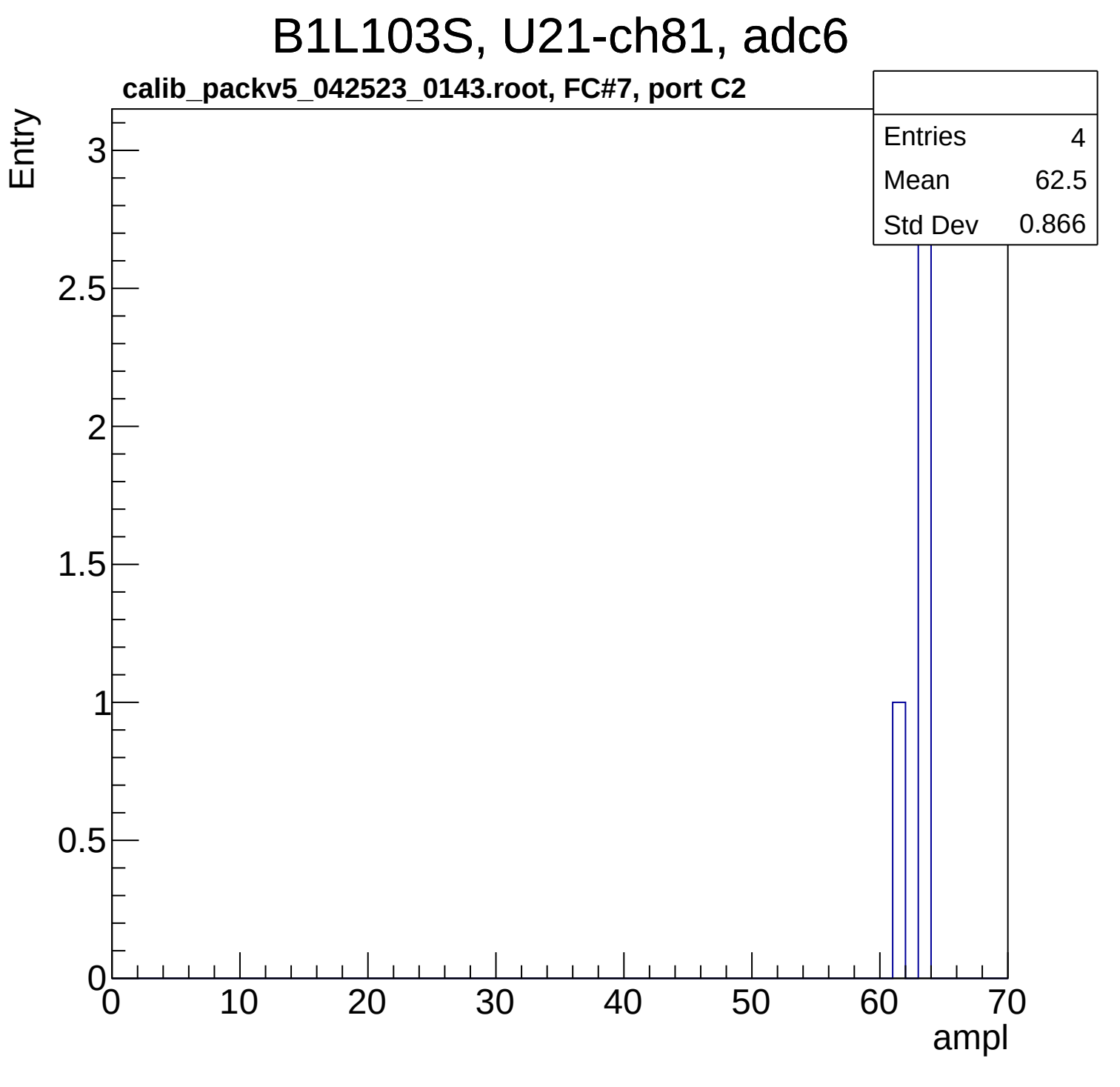
B1L103S, U21-ch81, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 4
Mean 62.5
Std Dev 0.866
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
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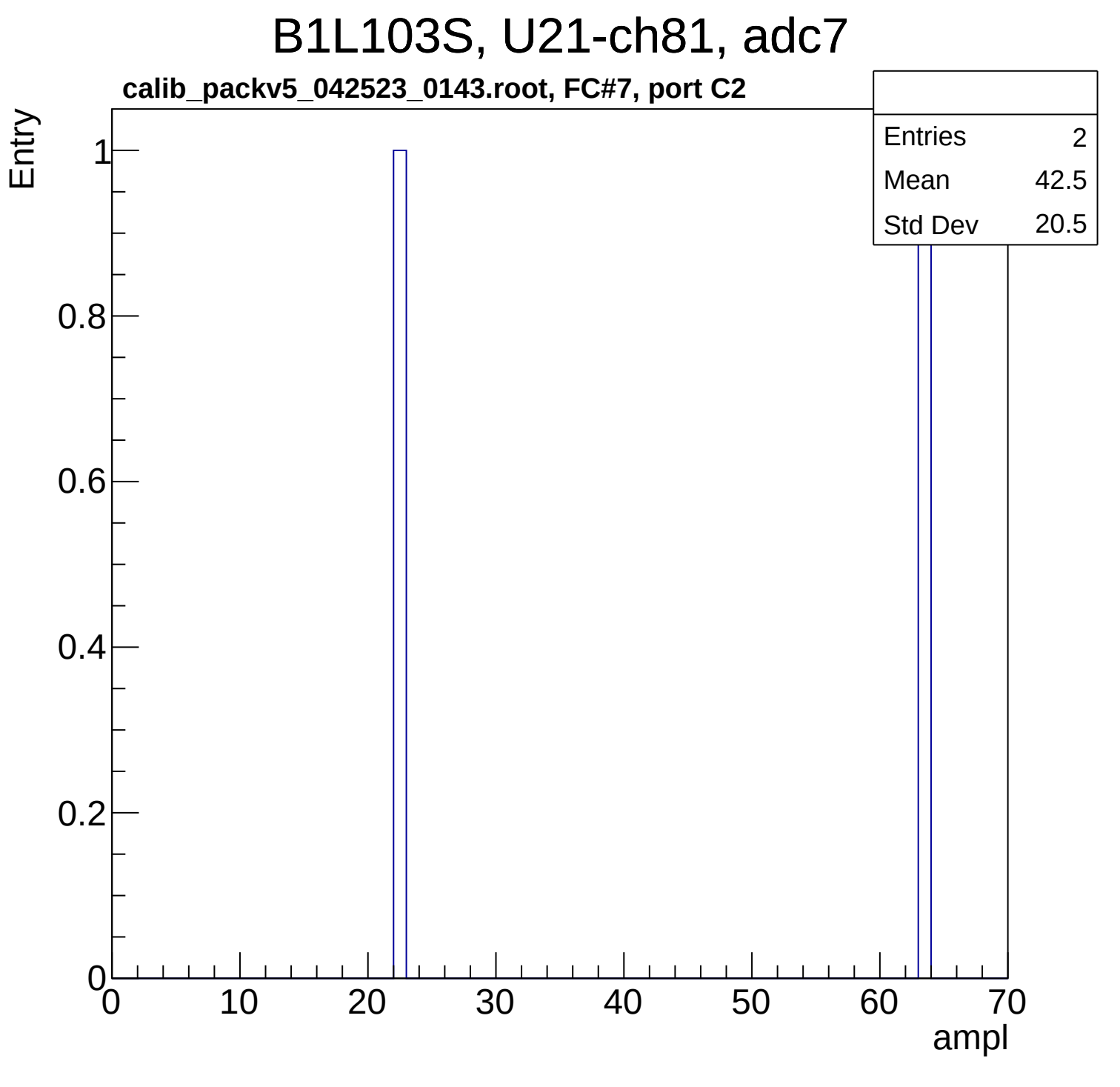
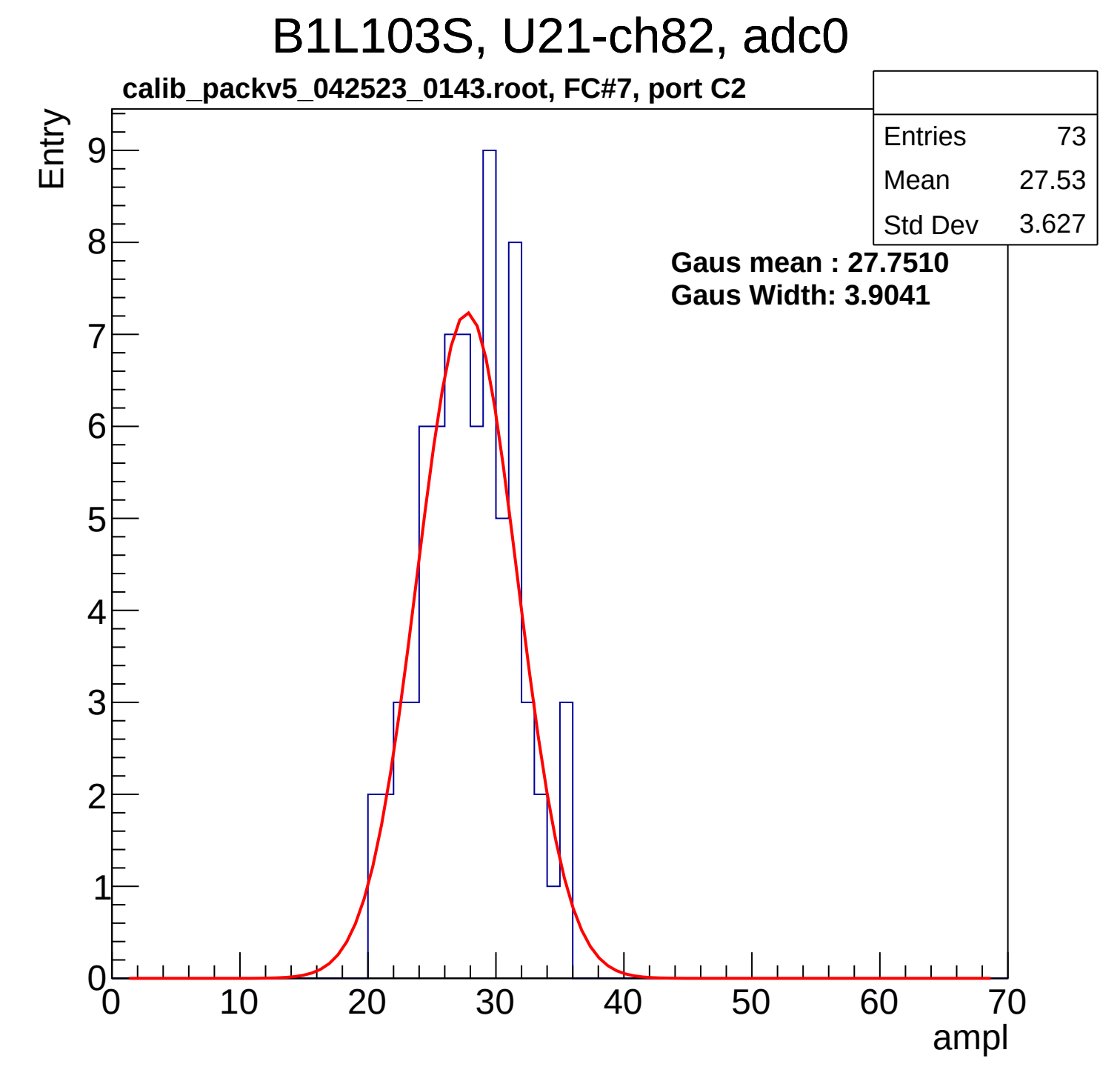
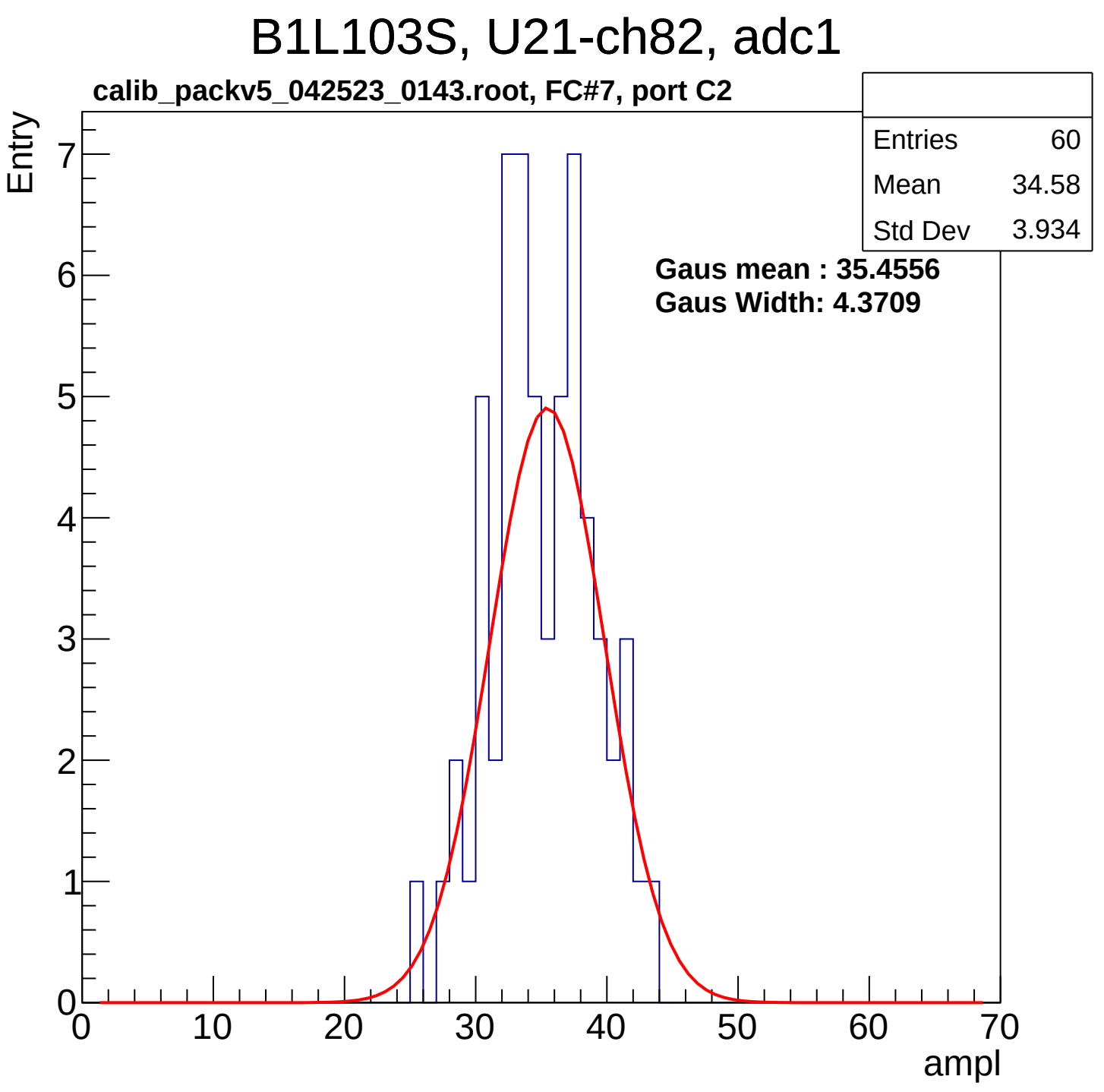
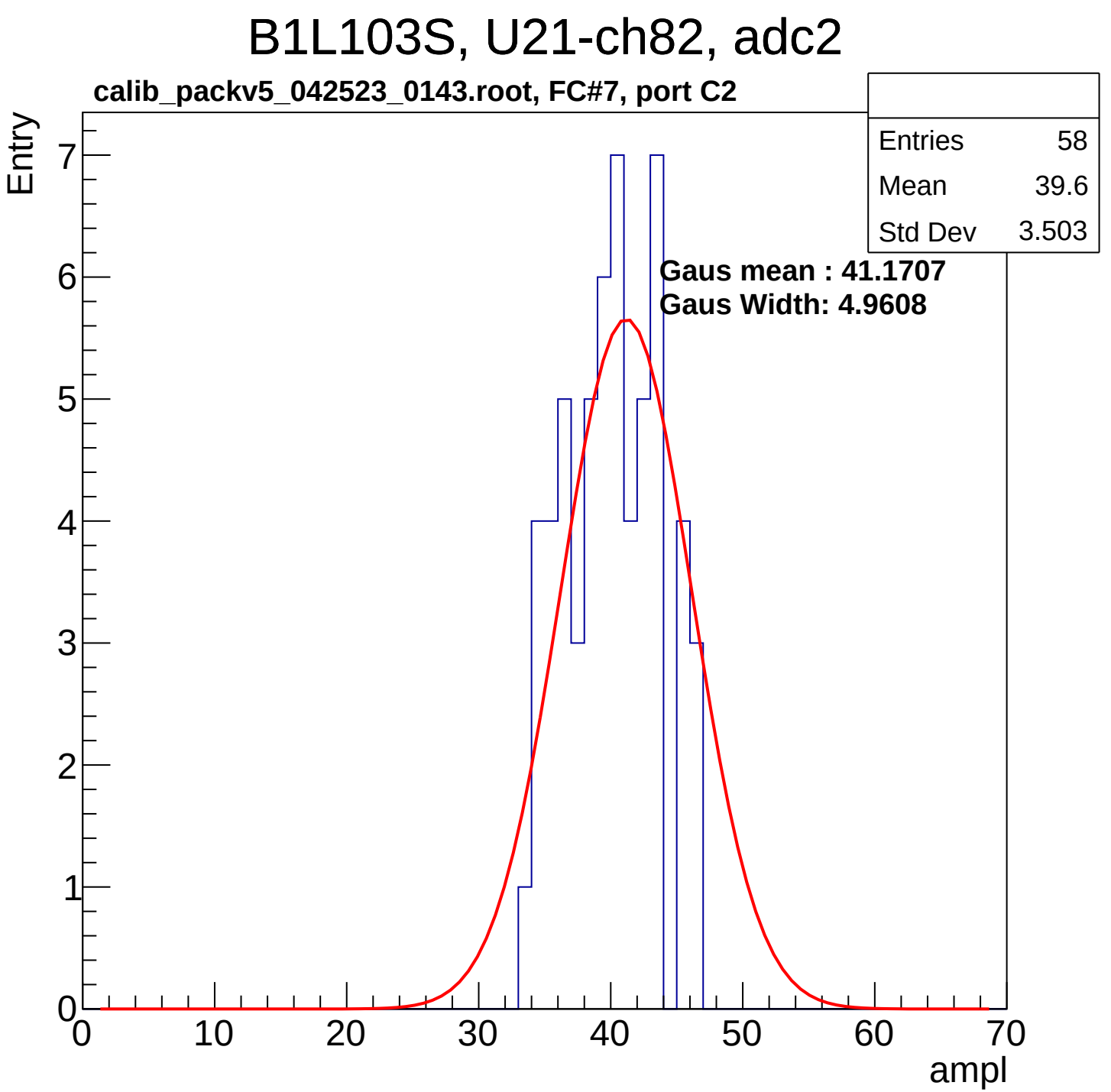

B1L103S, U21-ch81, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 42.5
Std Dev 20.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch82, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 27.53
Std Dev 3.627
Gaus mean : 27.7510
Gaus Width: 3.9041
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch82, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 34.58
Std Dev 3.934
Gaus mean : 35.4556
Gaus Width: 4.3709
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch82, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 39.6
Std Dev 3.503
Gaus mean : 41.1707
Gaus Width: 4.9608
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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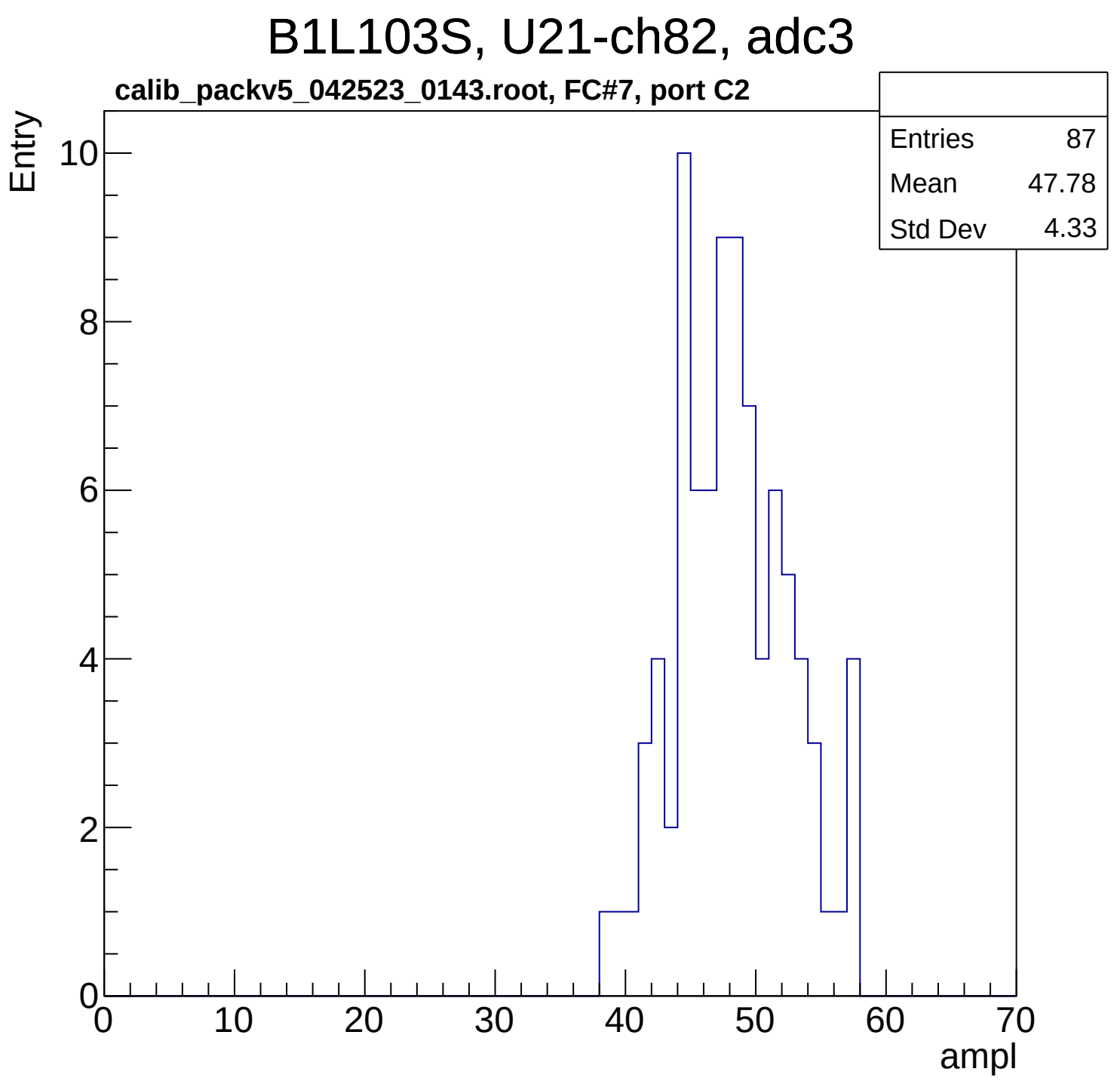
B1L103S, U21-ch82, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 87
Mean 47.78
Std Dev 4.33
Entry
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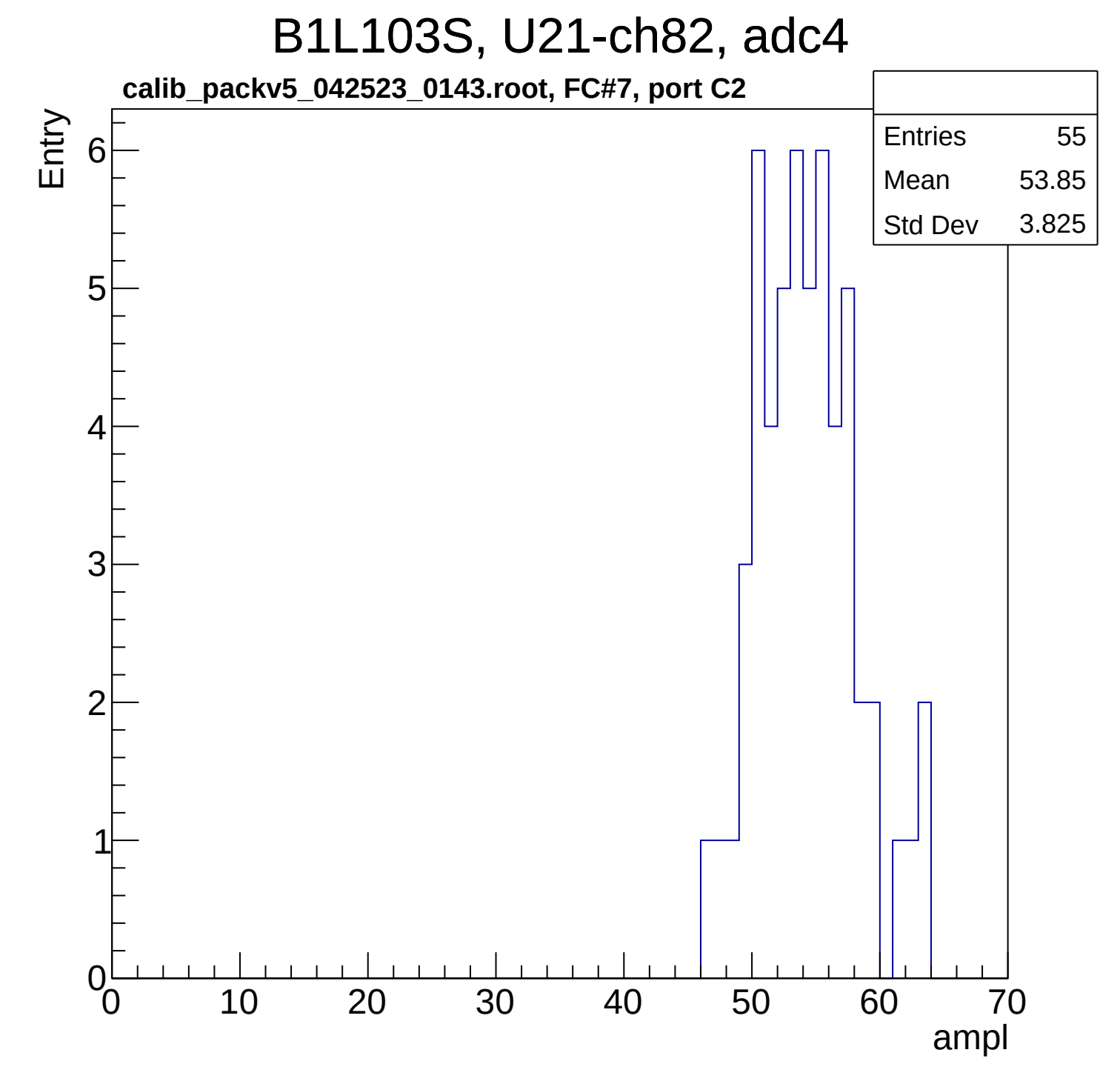
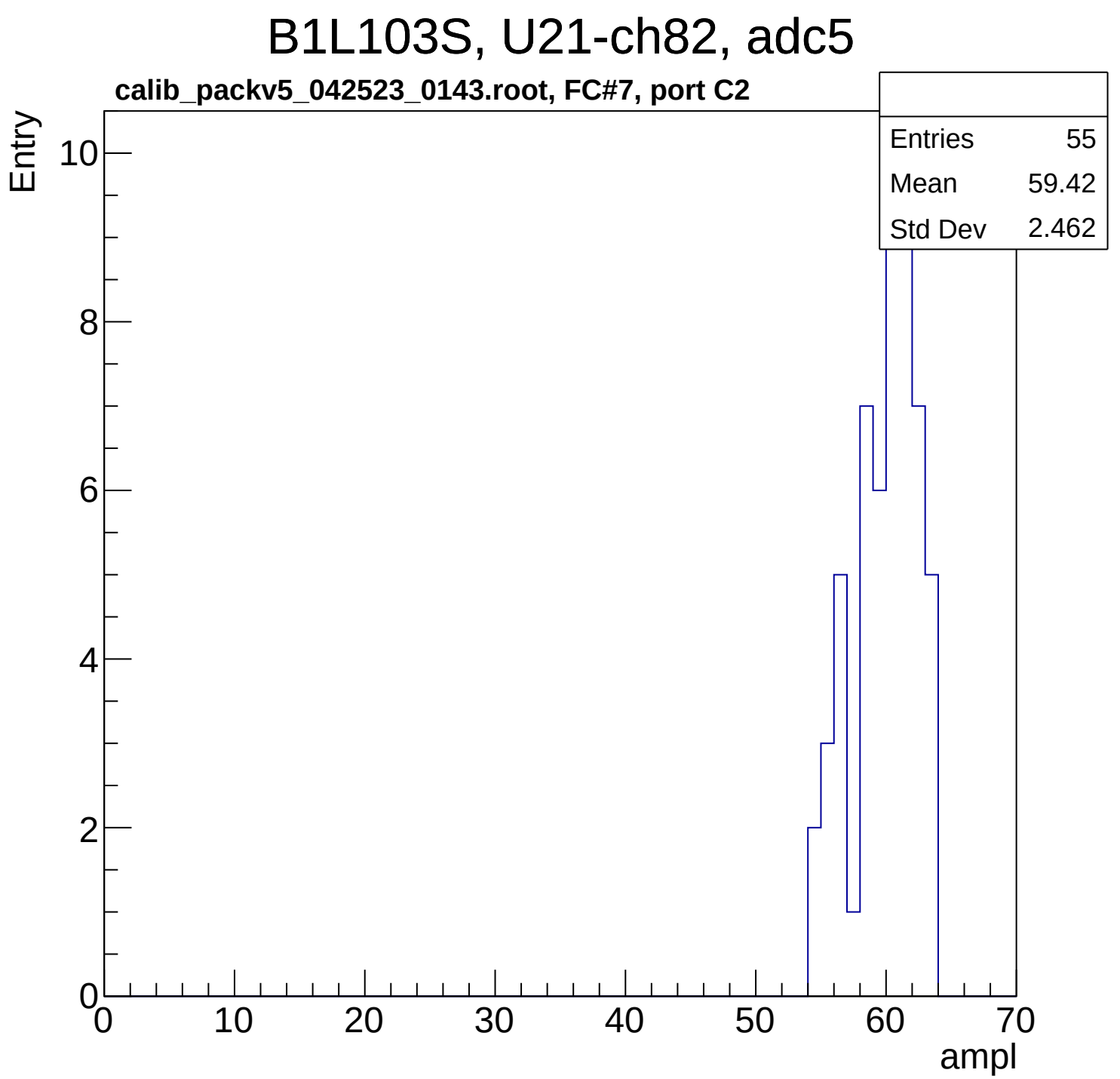
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch82, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 53.85
Std Dev 3.825
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch82, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 59.42
Std Dev 2.462
Entry
0
2
4
6
8
10
0
10
20
30
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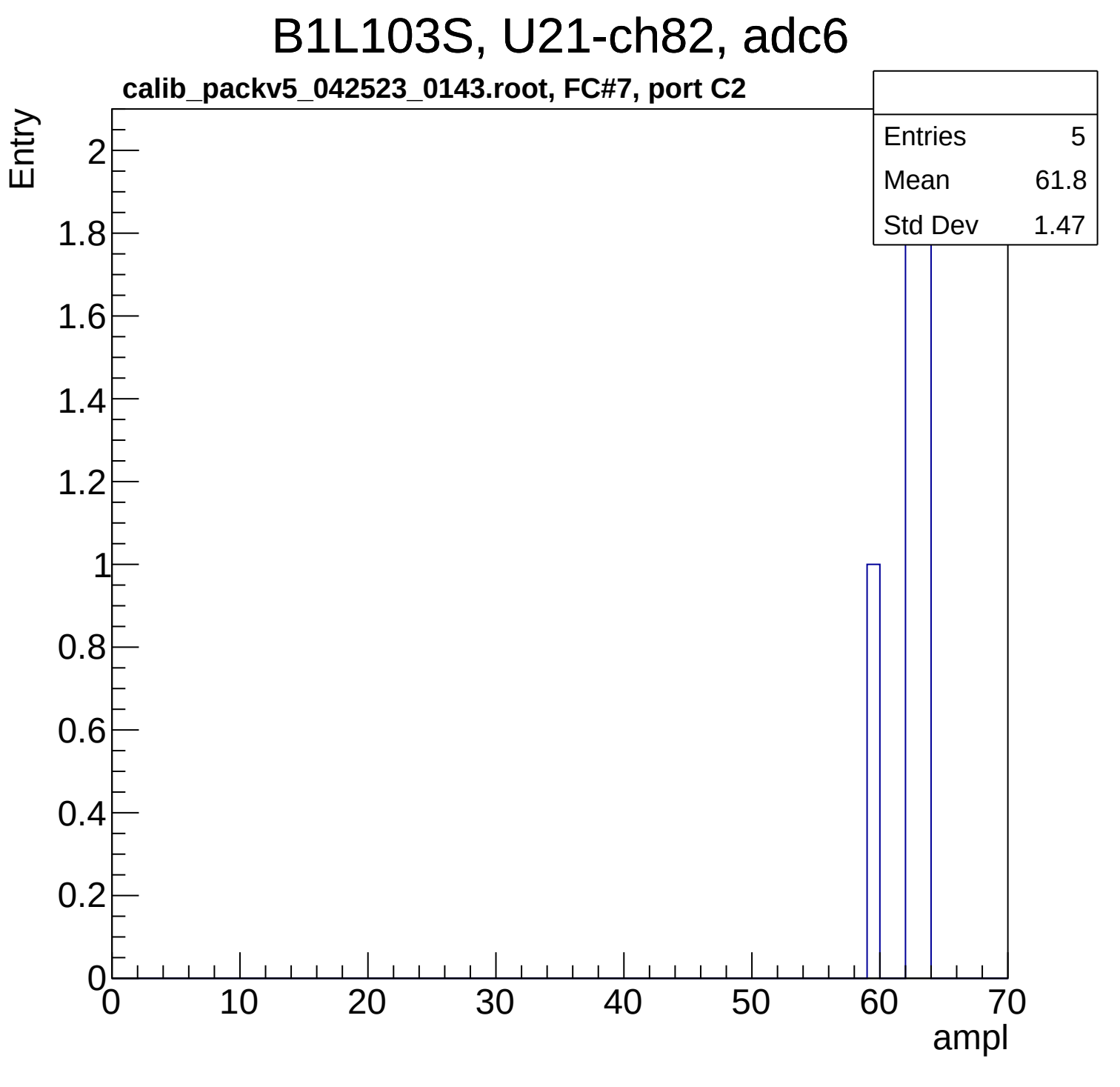
50
60
70
ampl


B1L103S, U21-ch82, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 61.8
Std Dev 1.47
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
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60
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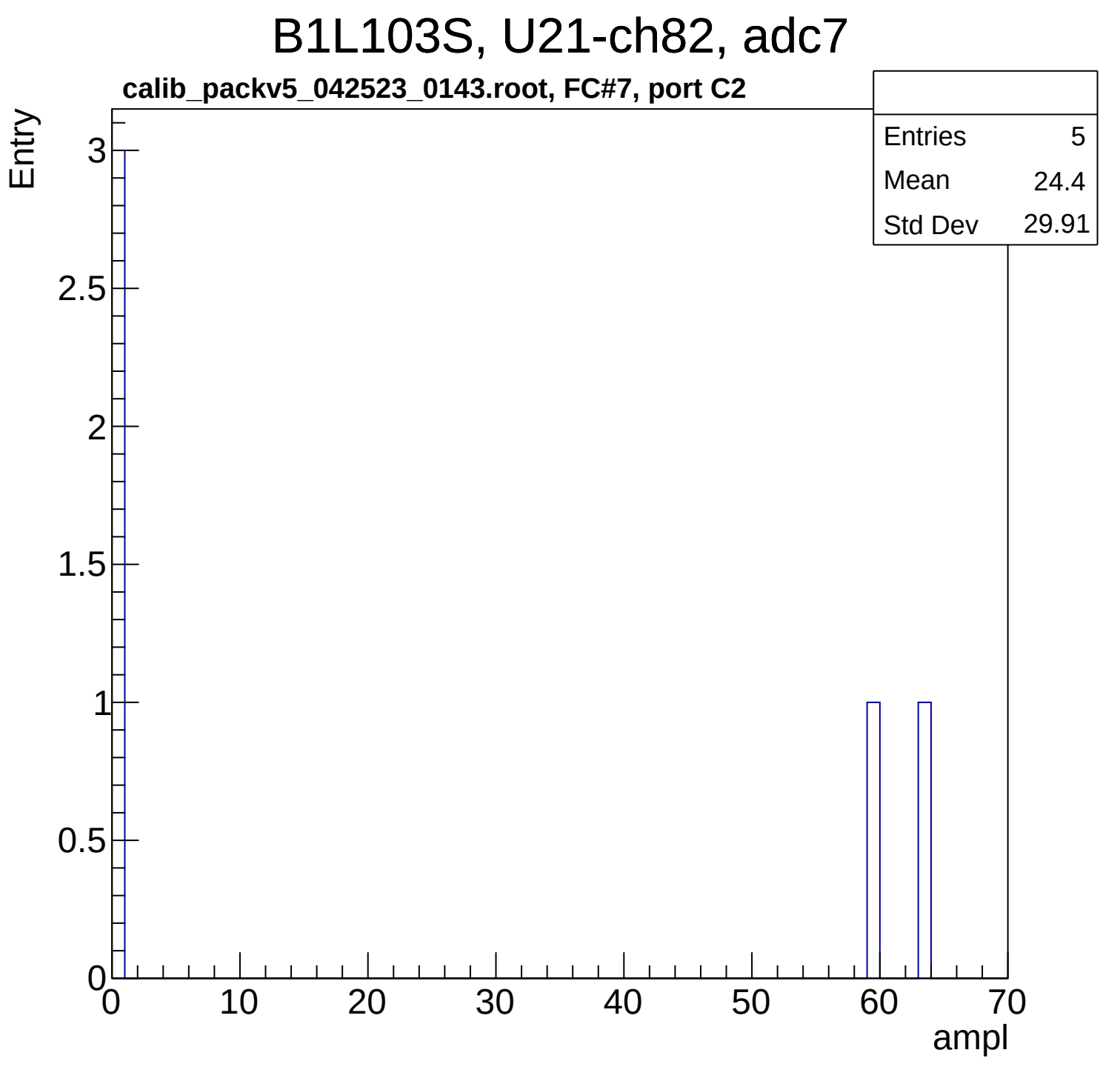
B1L103S, U21-ch82, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 24.4
Std Dev 29.91
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
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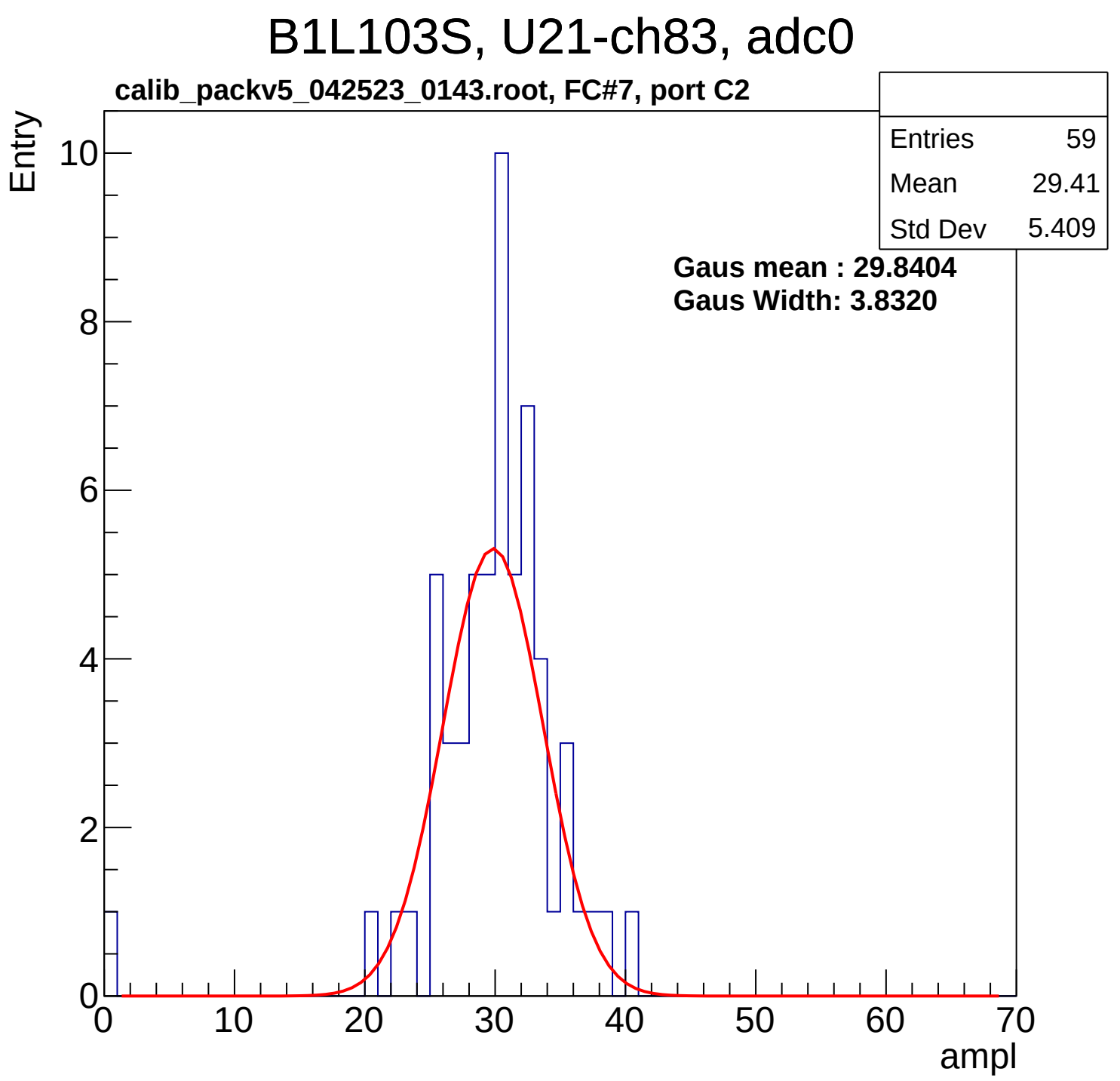
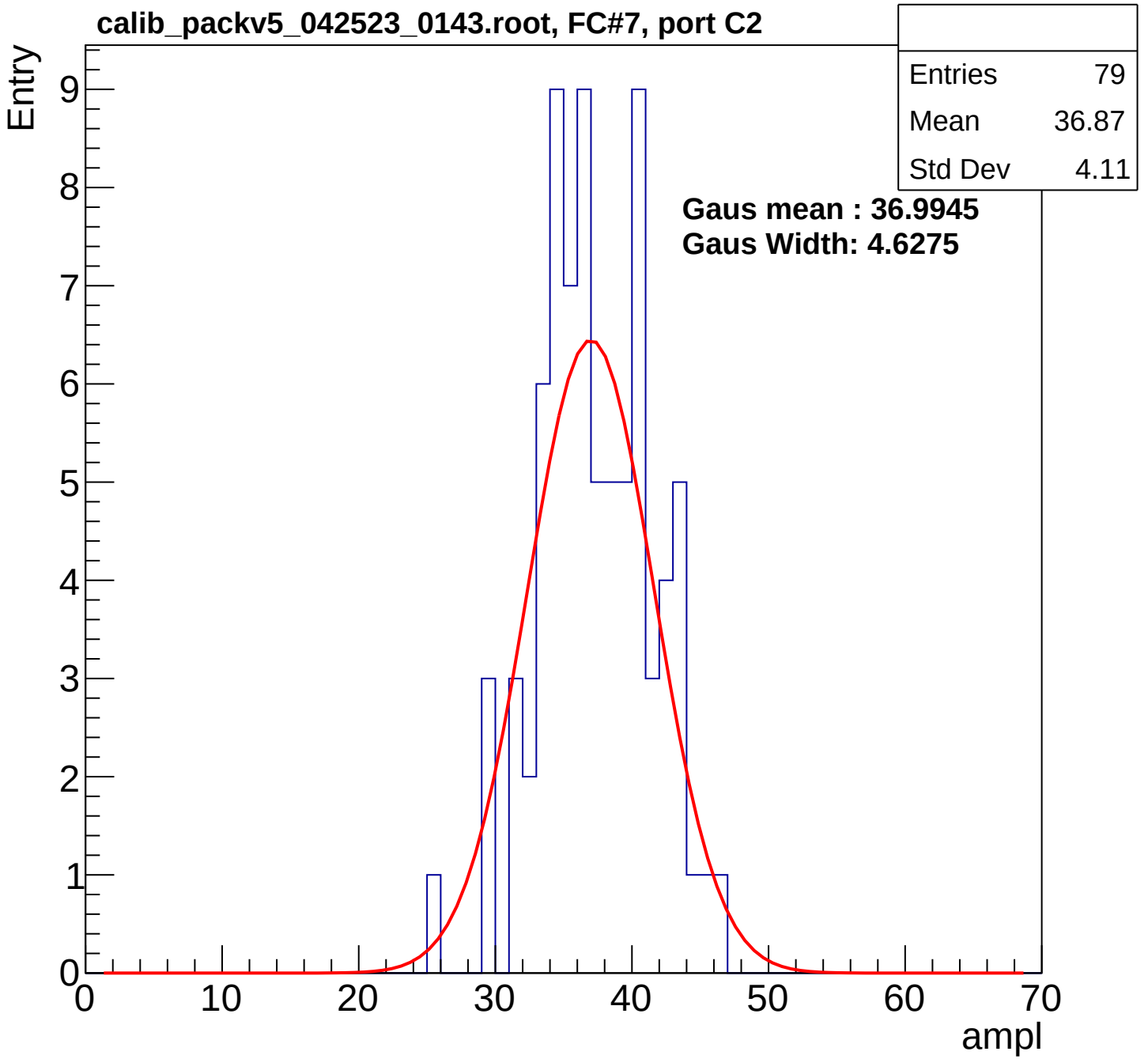

B1L103S, U21-ch83, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 29.41
Std Dev 5.409
Gaus mean : 29.8404
Gaus Width: 3.8320
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U21-ch83, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 79
Mean 36.87
Std Dev 4.11
Gaus mean : 36.9945
Gaus Width: 4.6275
Entry
ampl
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1
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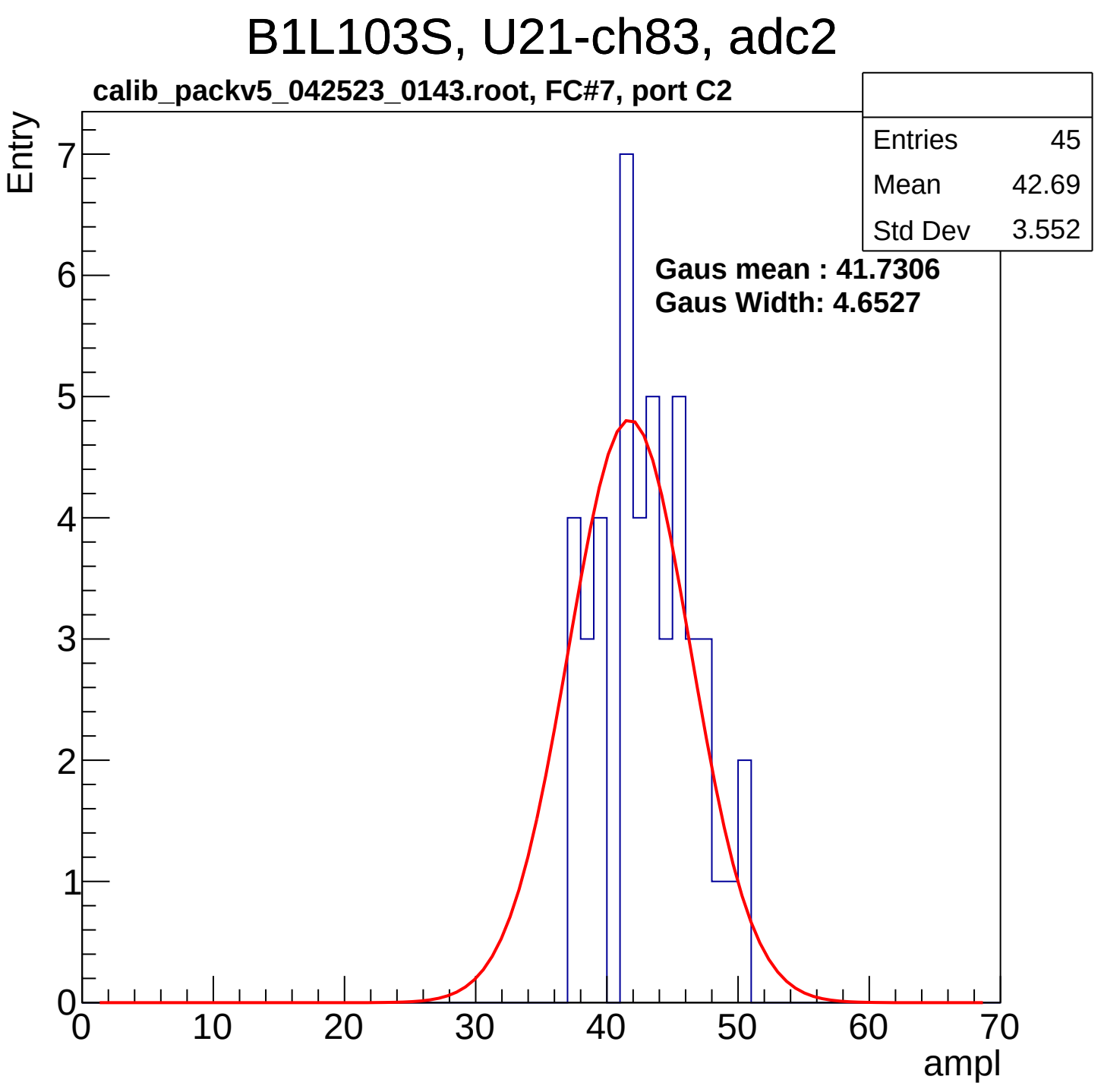
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch83, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 45
Mean 42.69
Std Dev 3.552
Gaus mean : 41.7306
Gaus Width: 4.6527
Entry
ampl
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1
2
3
4
5
6
7
0
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60
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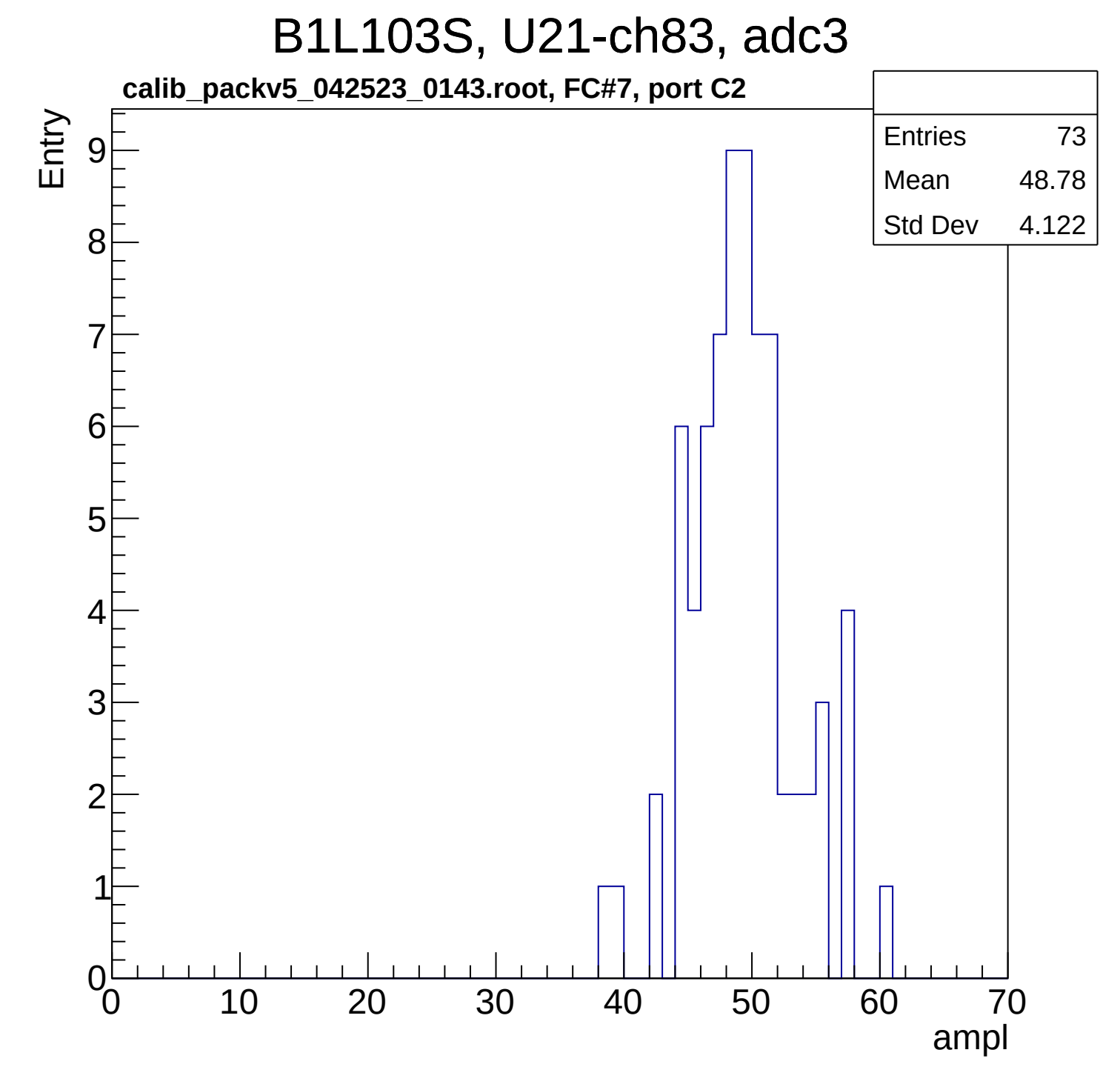
B1L103S, U21-ch83, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 48.78
Std Dev 4.122
Entry
ampl
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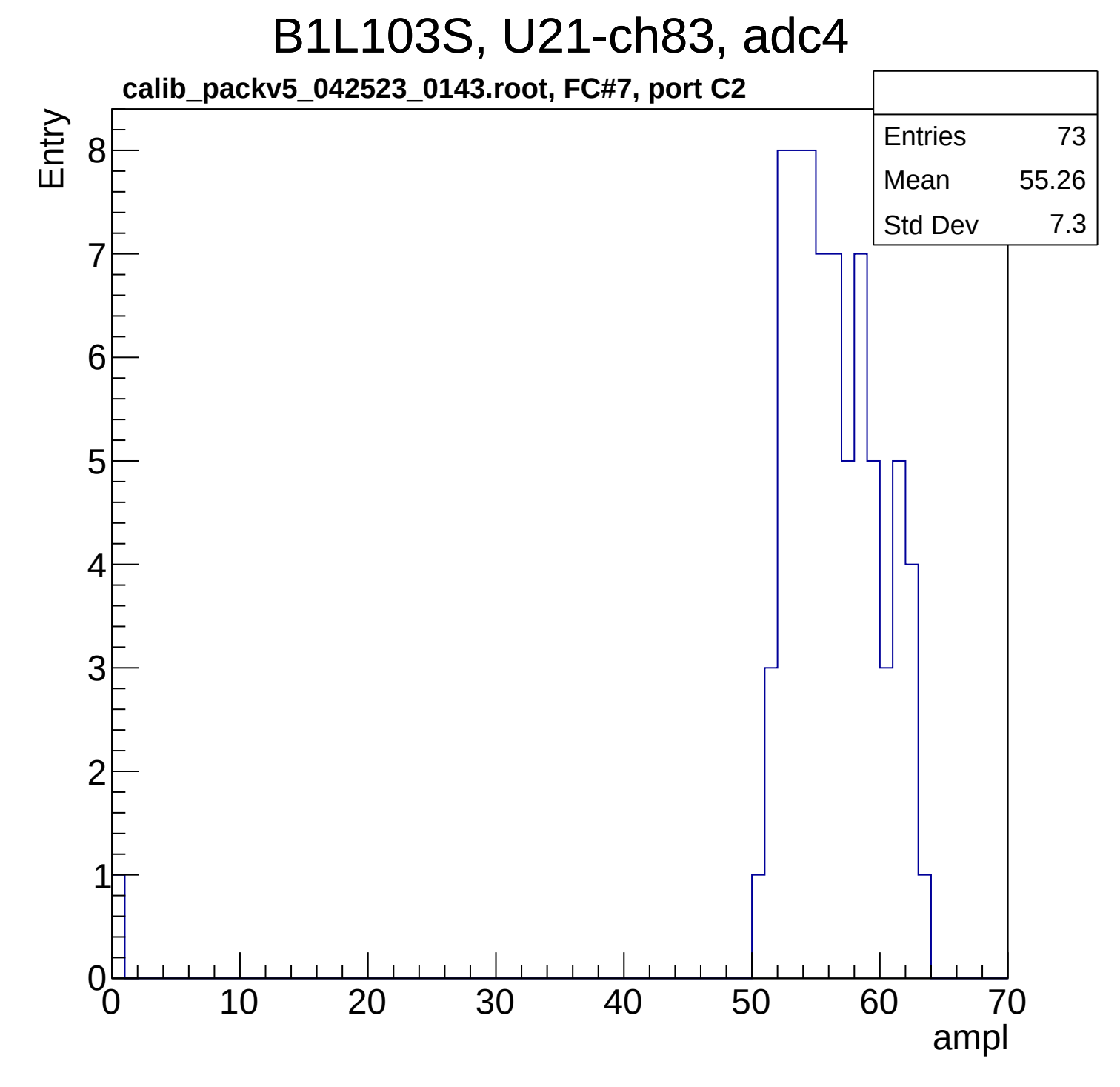
B1L103S, U21-ch83, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 55.26
Std Dev 7.3
Entry
ampl
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60
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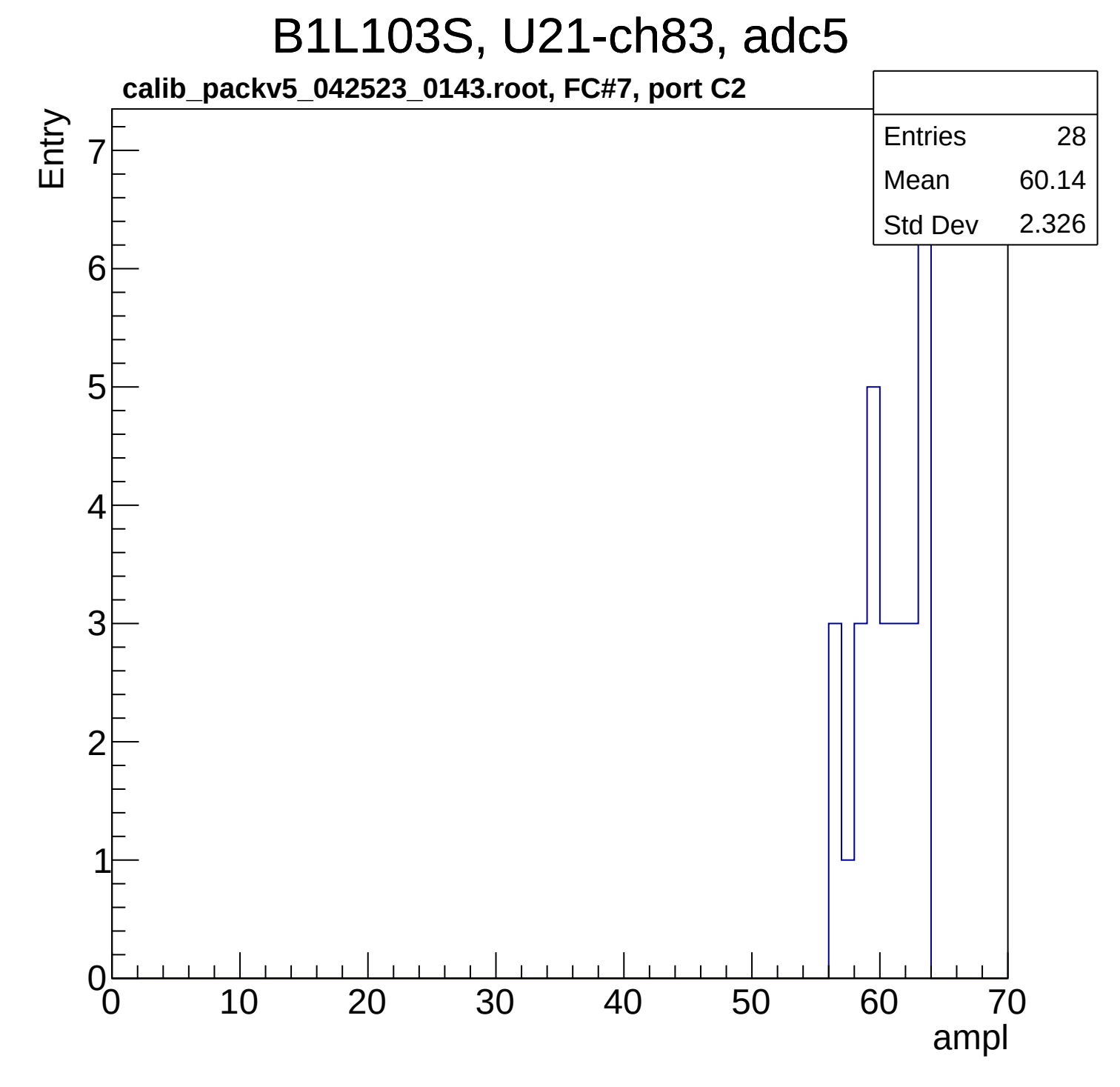
B1L103S, U21-ch83, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 28
Mean 60.14
Std Dev 2.326
Entry
ampl
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4
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0
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60
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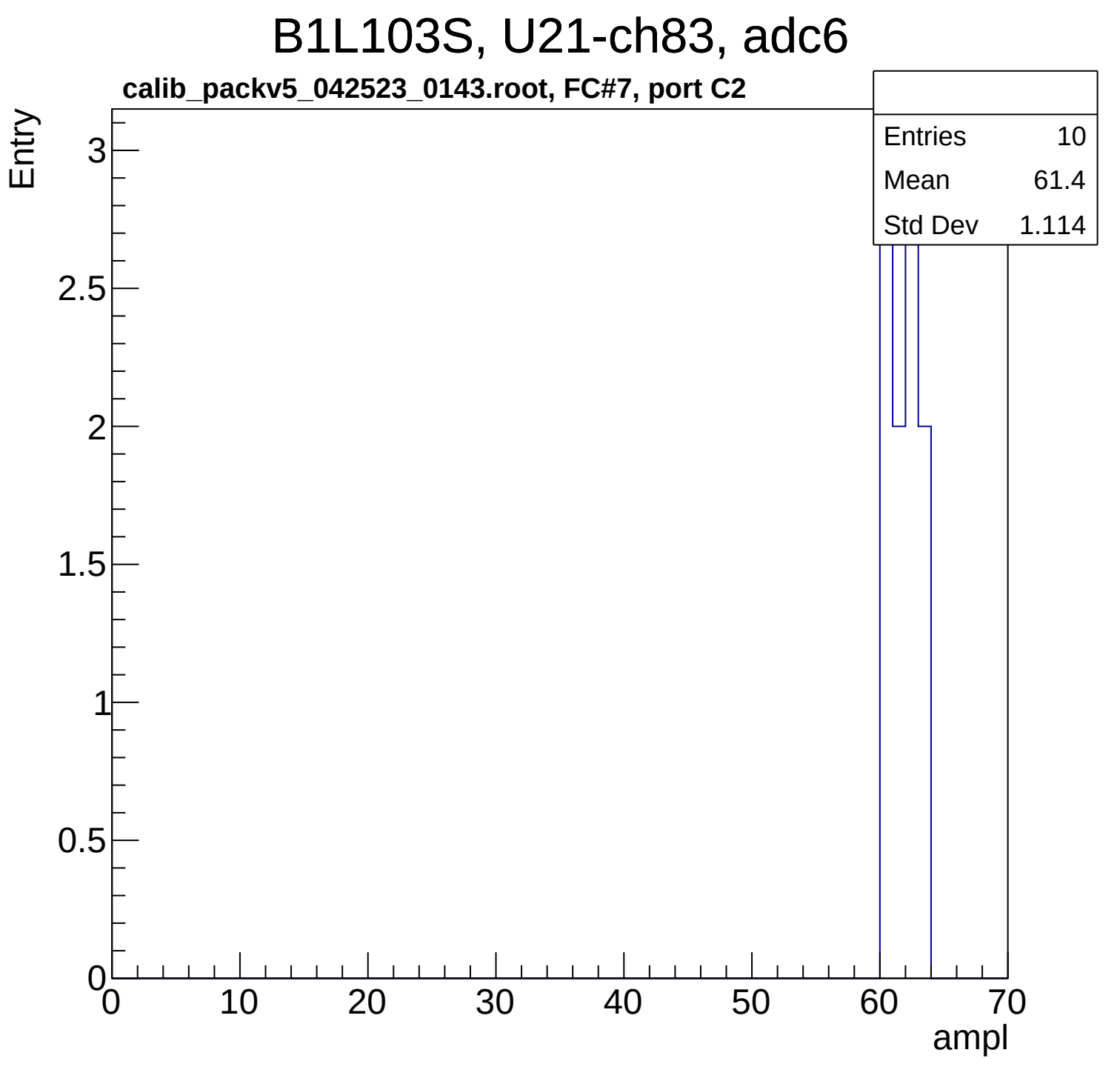
B1L103S, U21-ch83, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 10
Mean 61.4
Std Dev 1.114
Entry
ampl
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1
1.5
2
2.5
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0
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20
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60
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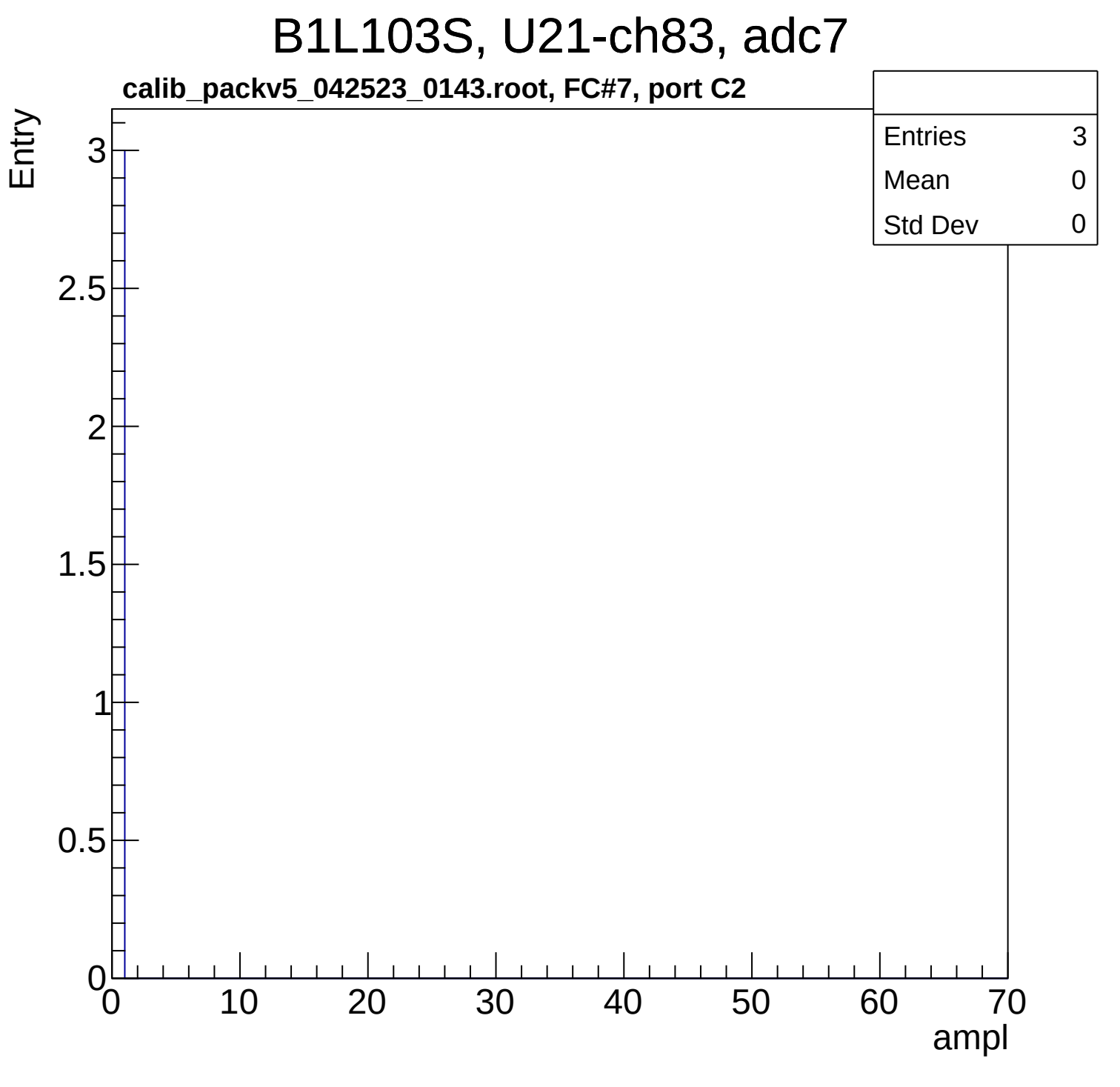
B1L103S, U21-ch83, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 0
Std Dev 0
Entry
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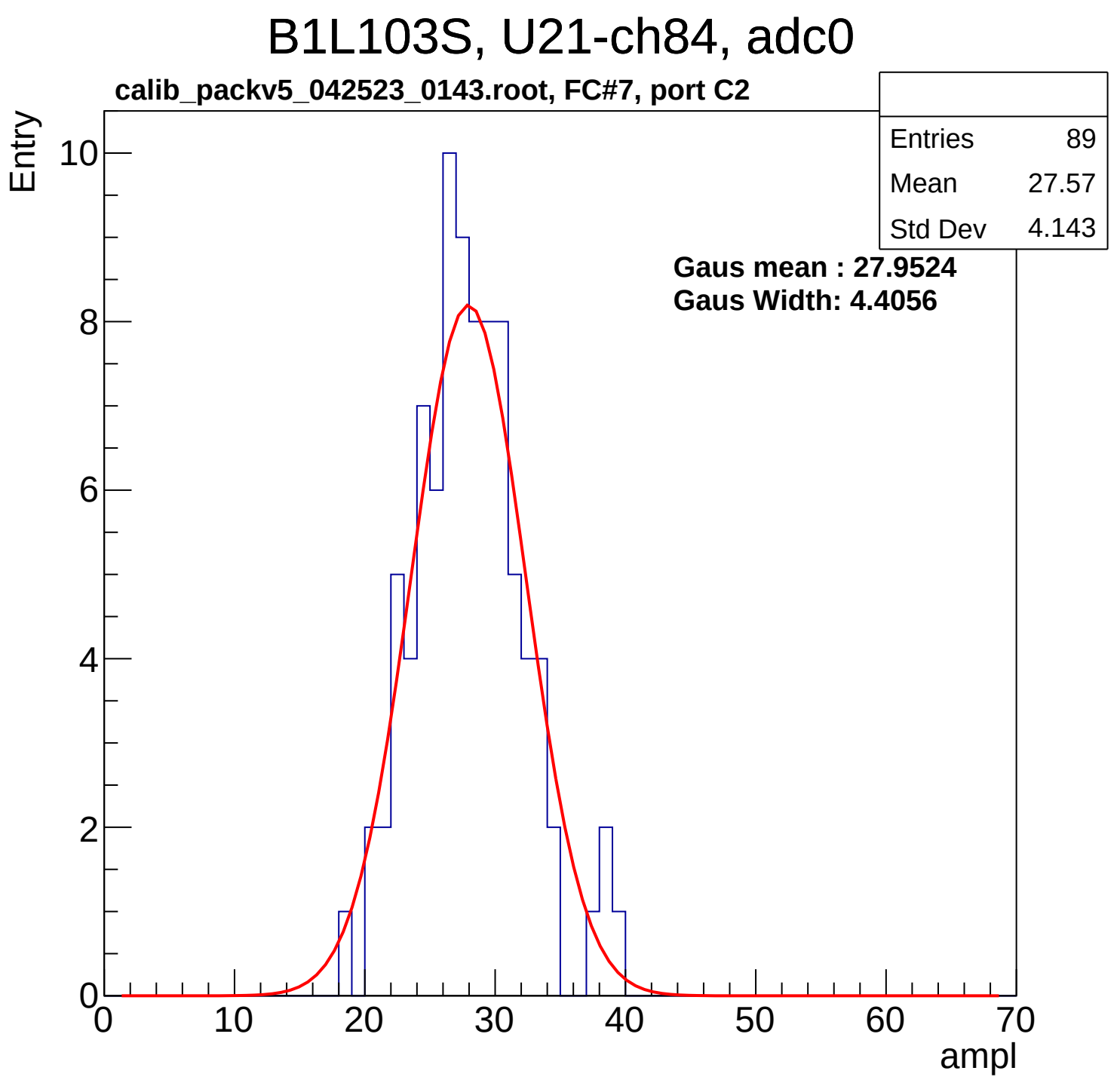
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch84, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 89
Mean 27.57
Std Dev 4.143
Gaus mean : 27.9524
Gaus Width: 4.4056
Entry
ampl
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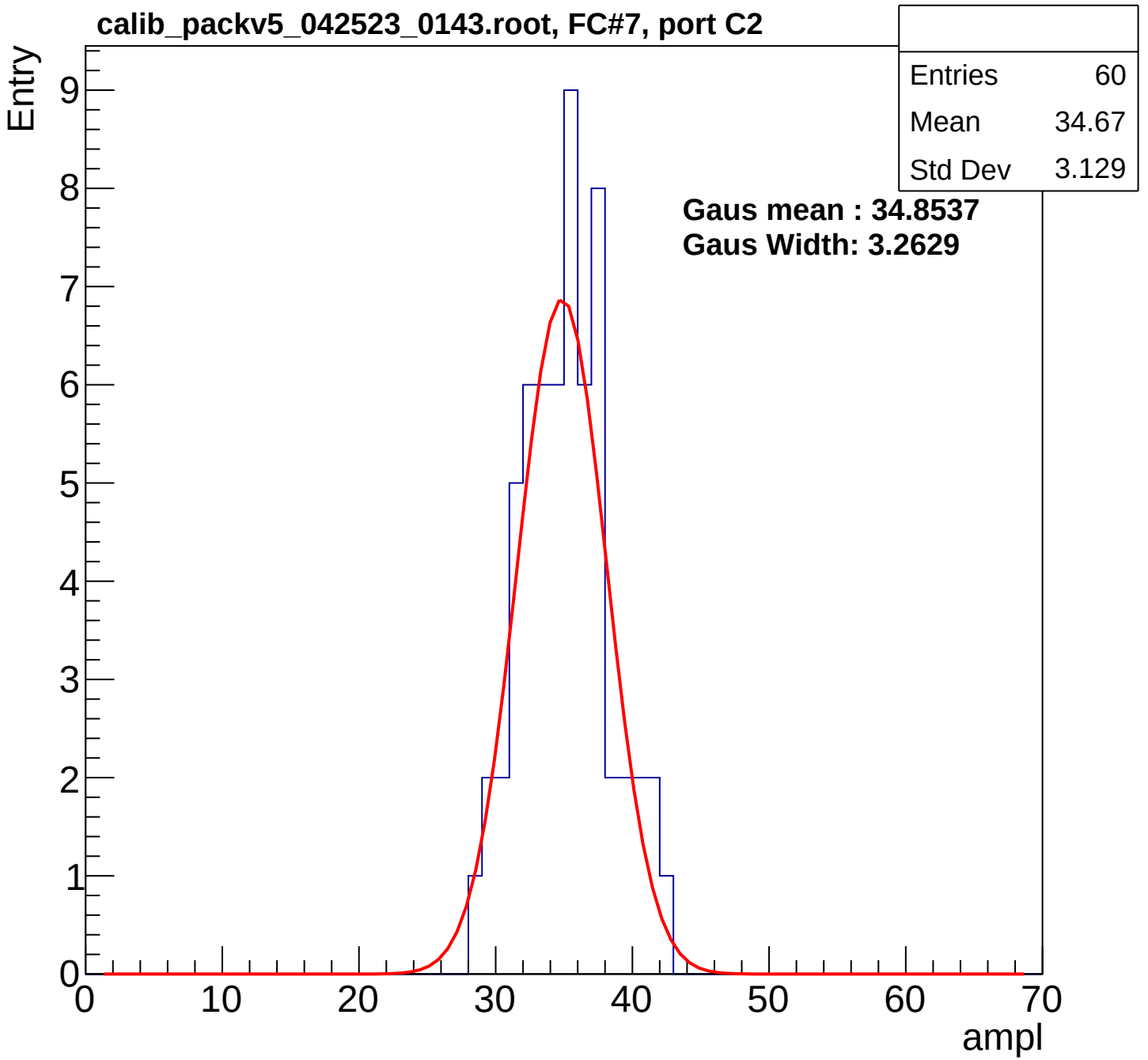
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U21-ch84, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 34.67
Std Dev 3.129
Gaus mean : 34.8537
Gaus Width: 3.2629
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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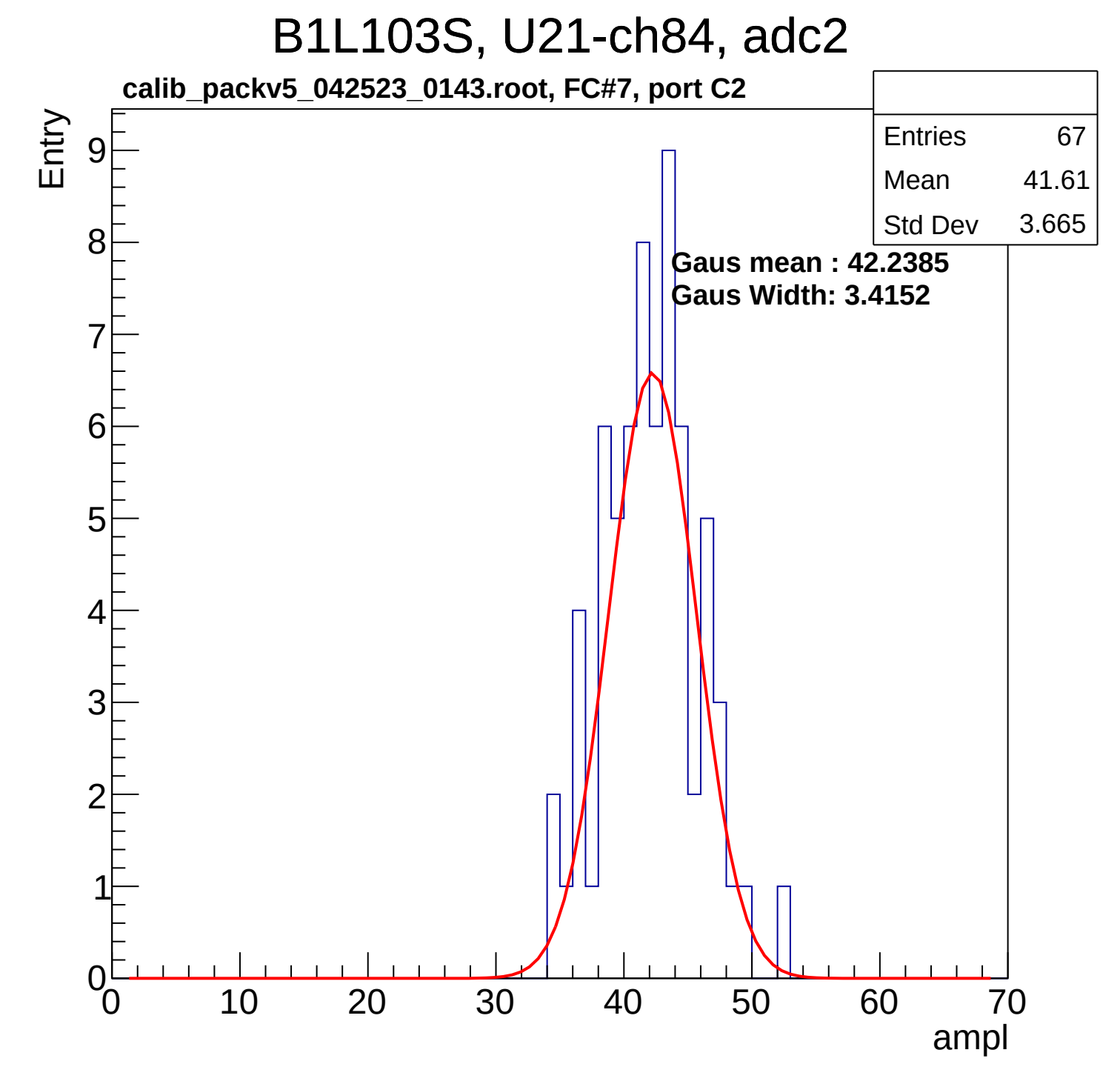
B1L103S, U21-ch84, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 41.61
Std Dev 3.665
Gaus mean : 42.2385
Gaus Width: 3.4152
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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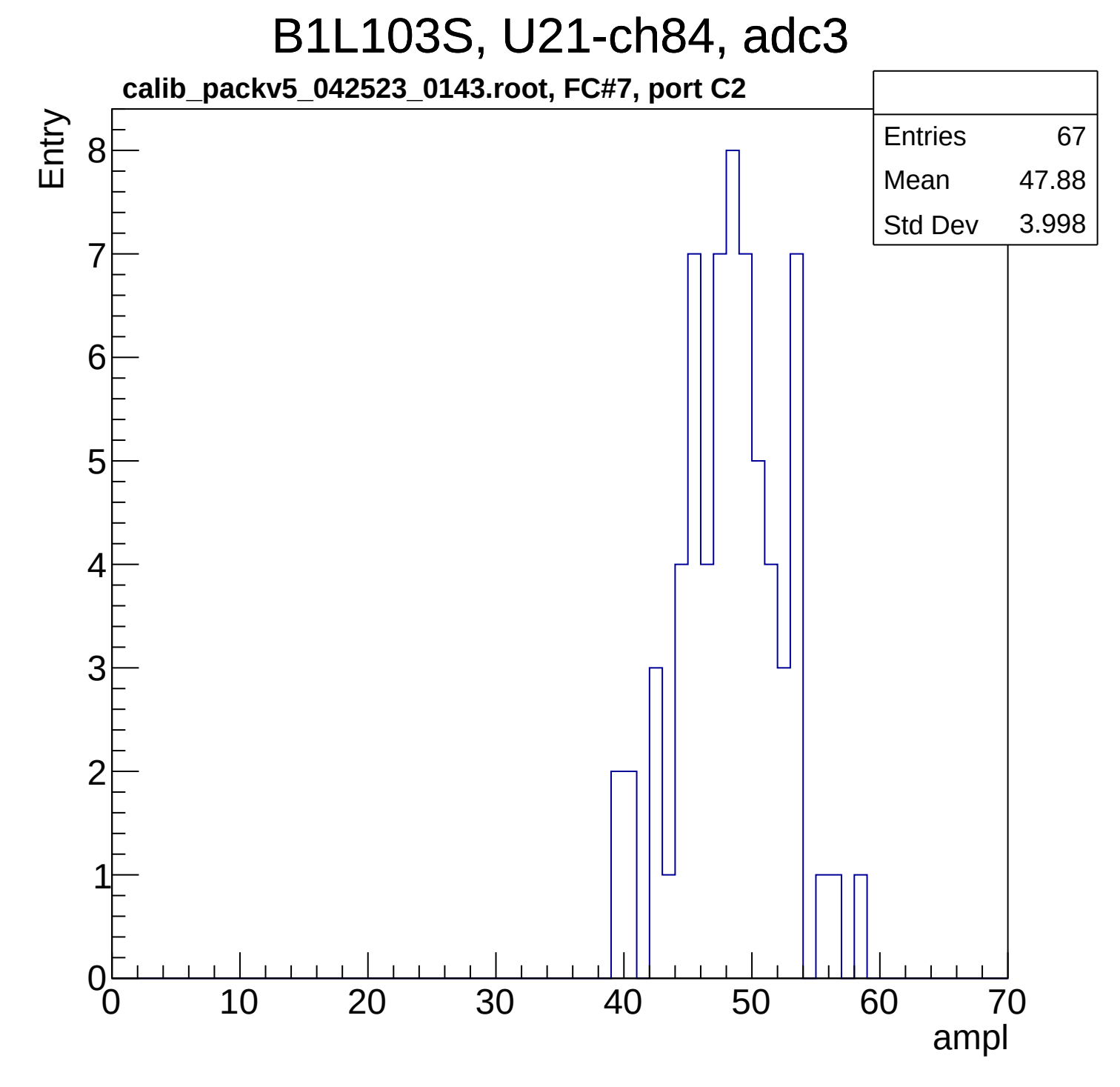
B1L103S, U21-ch84, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 47.88
Std Dev 3.998
Entry
ampl
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1
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3
4
5
6
7
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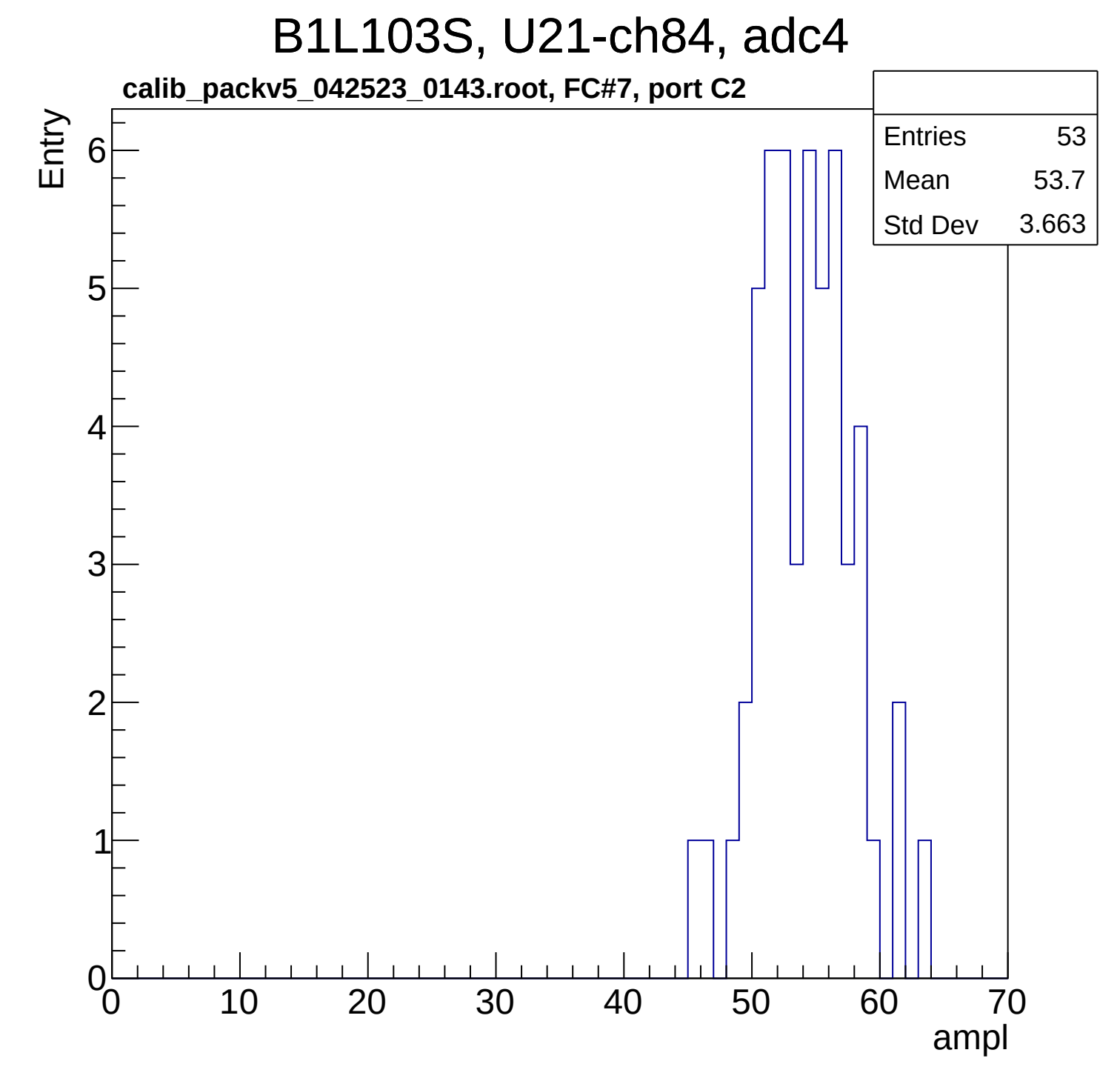
B1L103S, U21-ch84, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 53
Mean 53.7
Std Dev 3.663
Entry
ampl
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3
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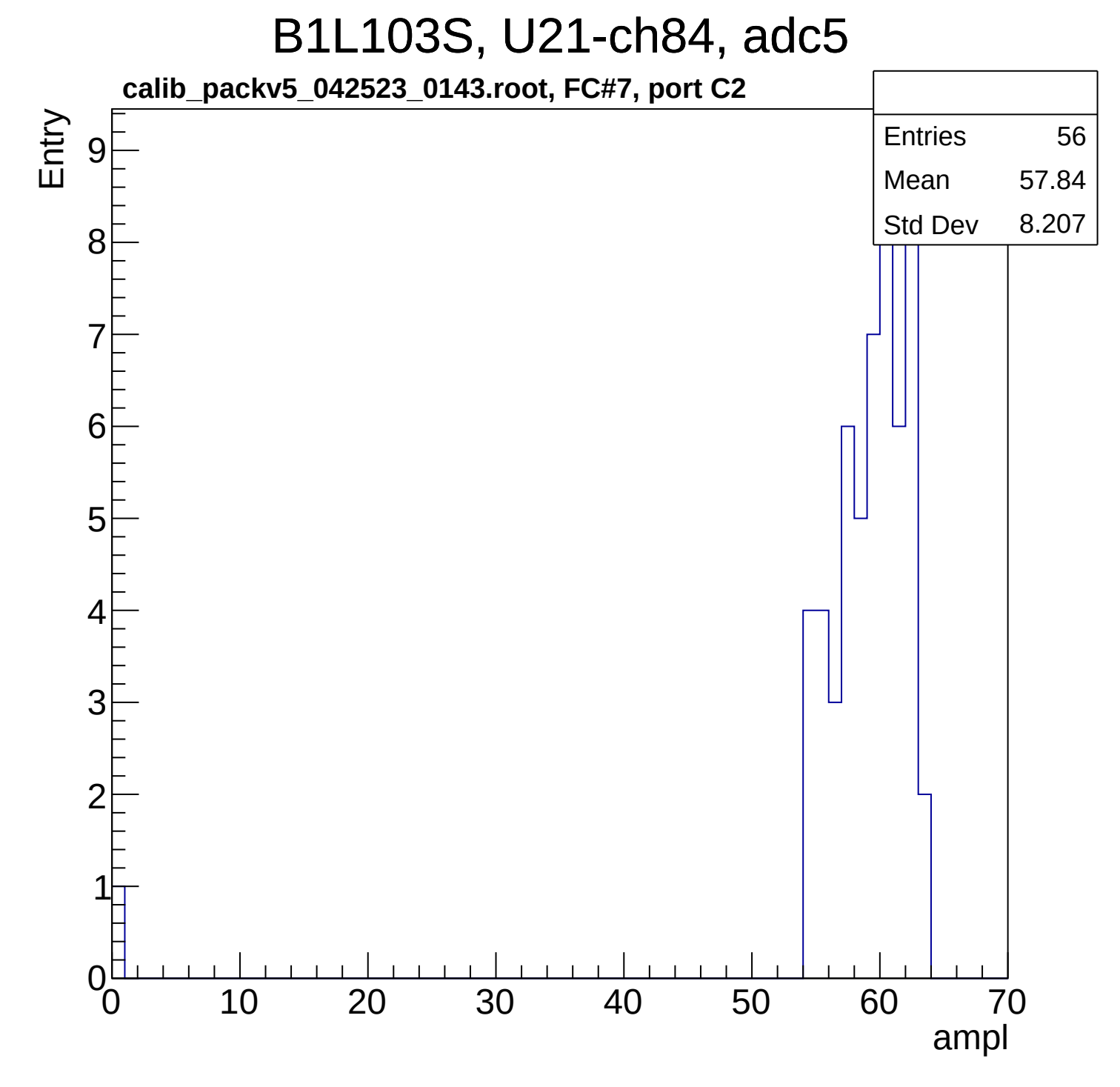
B1L103S, U21-ch84, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 57.84
Std Dev 8.207
Entry
ampl
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3
4
5
6
7
8
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0
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20
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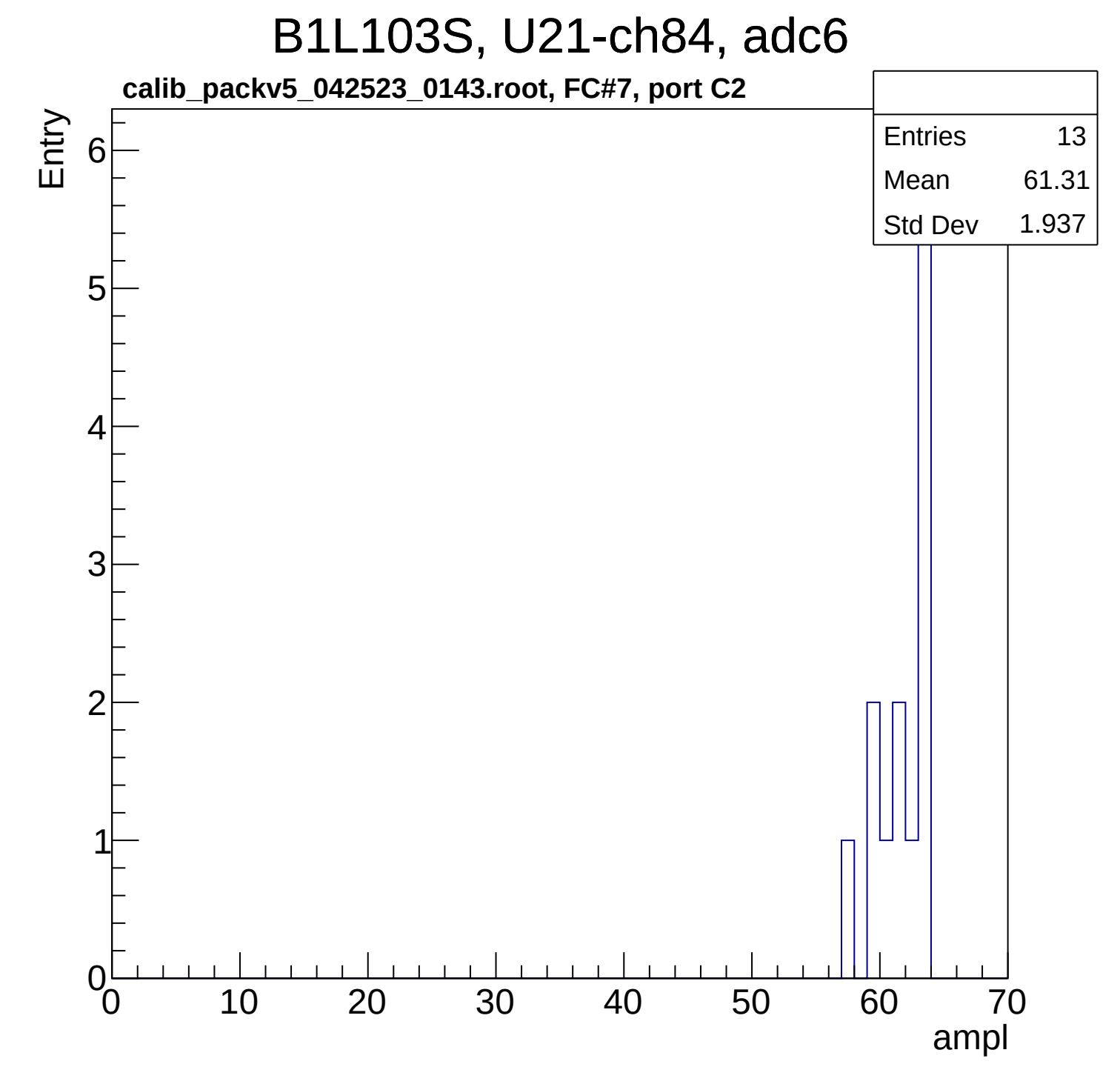
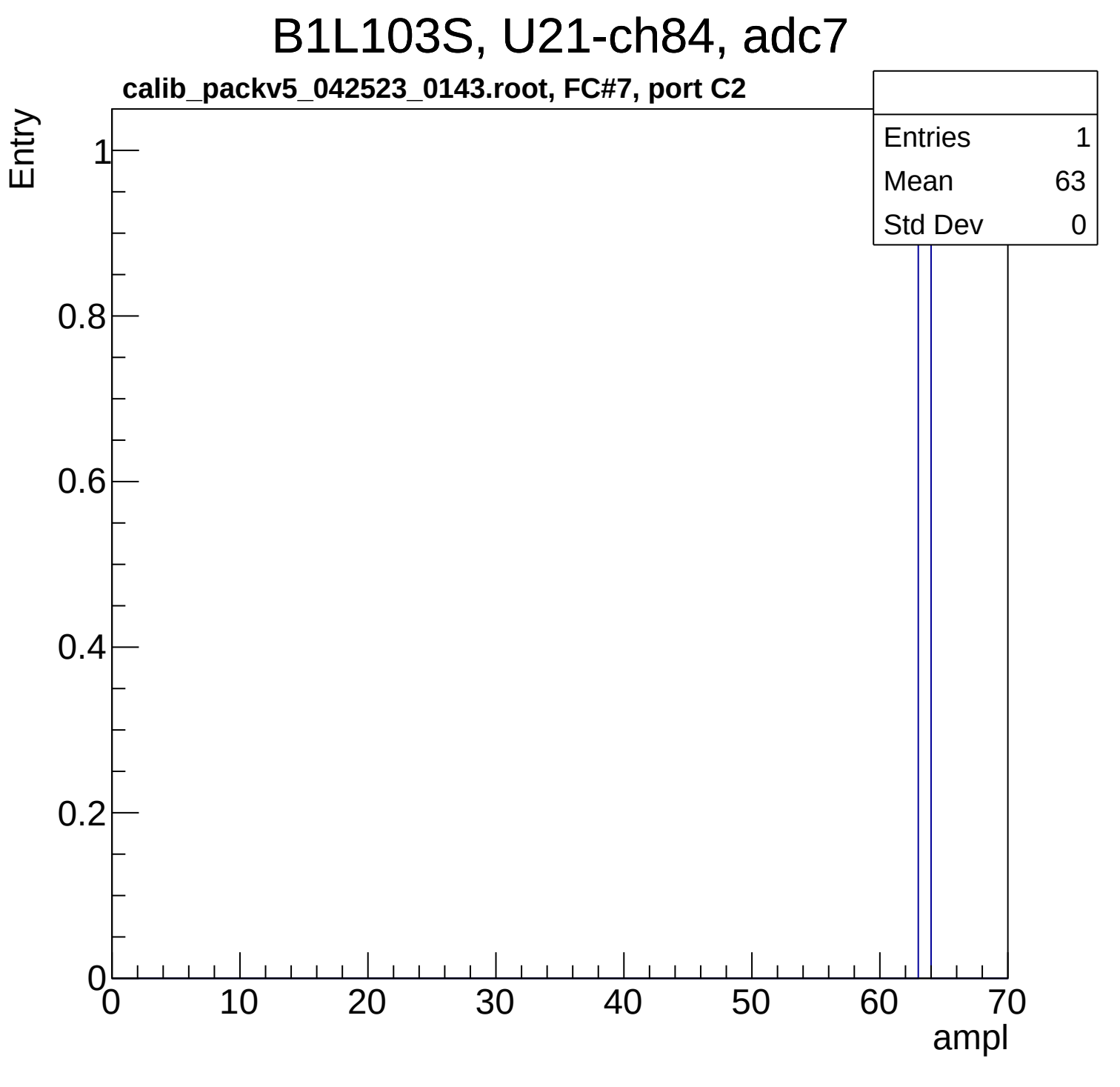

B1L103S, U21-ch84, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 13
Mean 61.31
Std Dev 1.937
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L103S, U21-ch84, 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
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0
0
10
20
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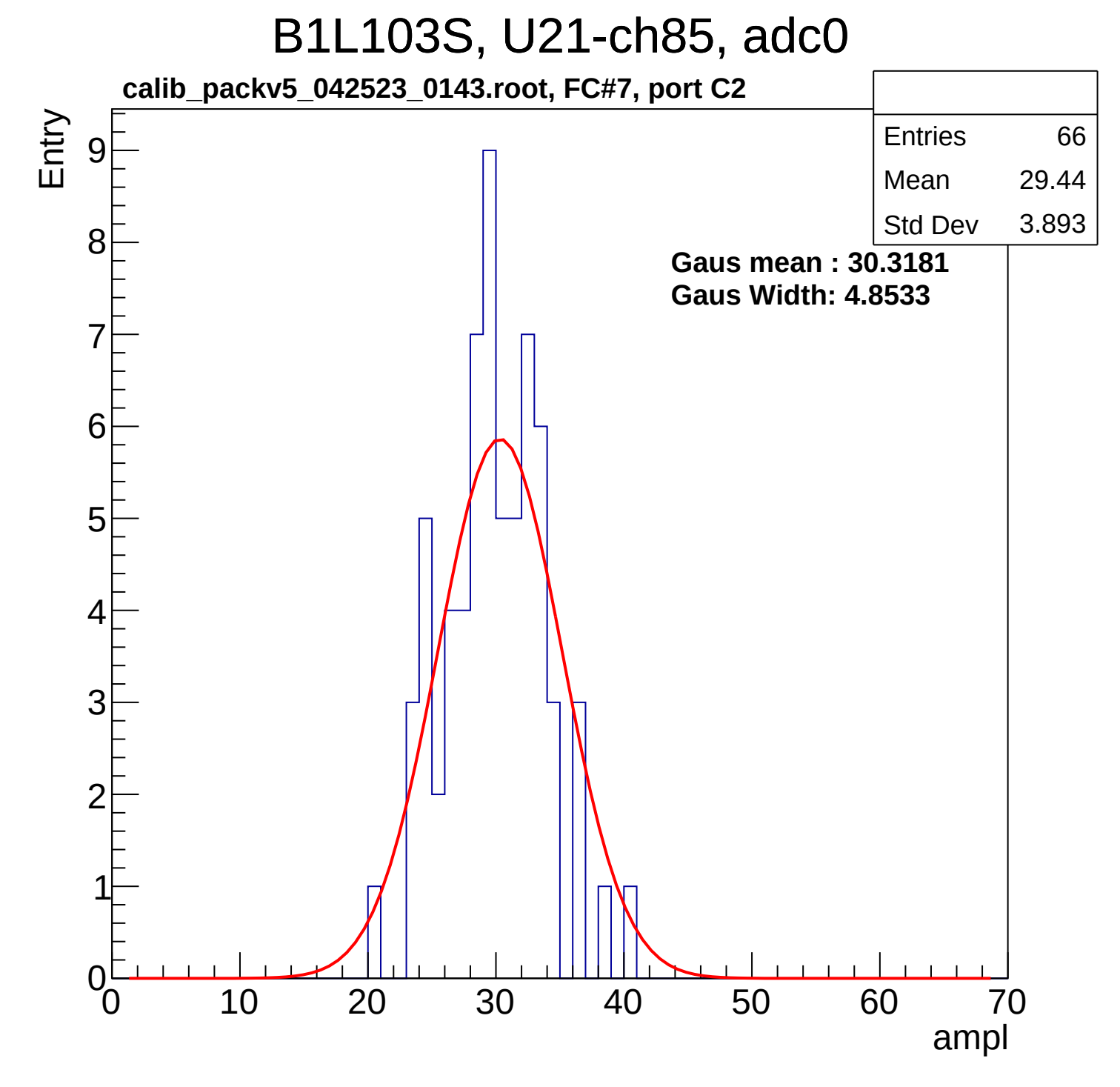
40
50
60
70
ampl


B1L103S, U21-ch85, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 29.44
Std Dev 3.893
Gaus mean : 30.3181
Gaus Width: 4.8533
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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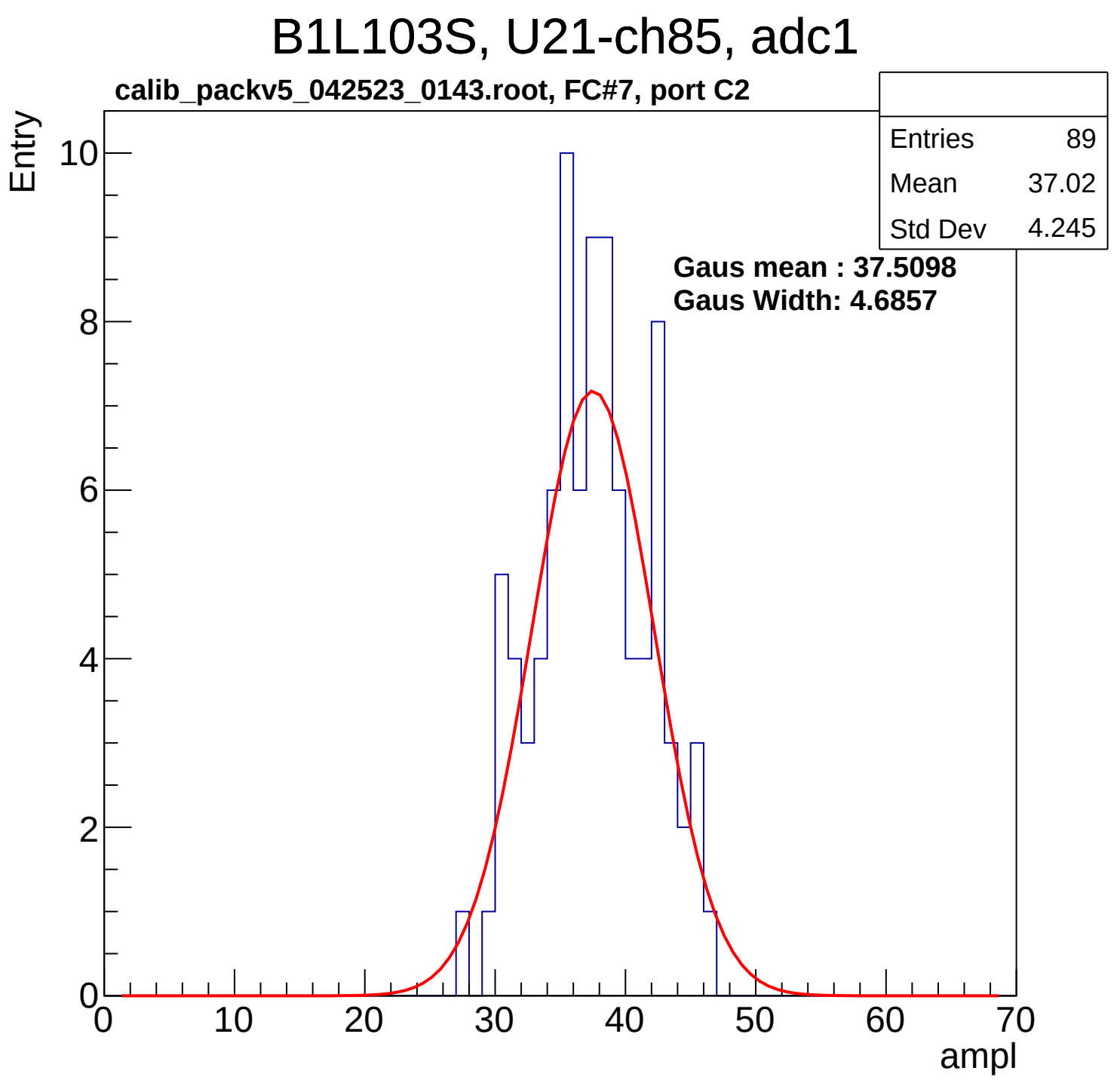
B1L103S, U21-ch85, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 89
Mean 37.02
Std Dev 4.245
Gaus mean : 37.5098
Gaus Width: 4.6857
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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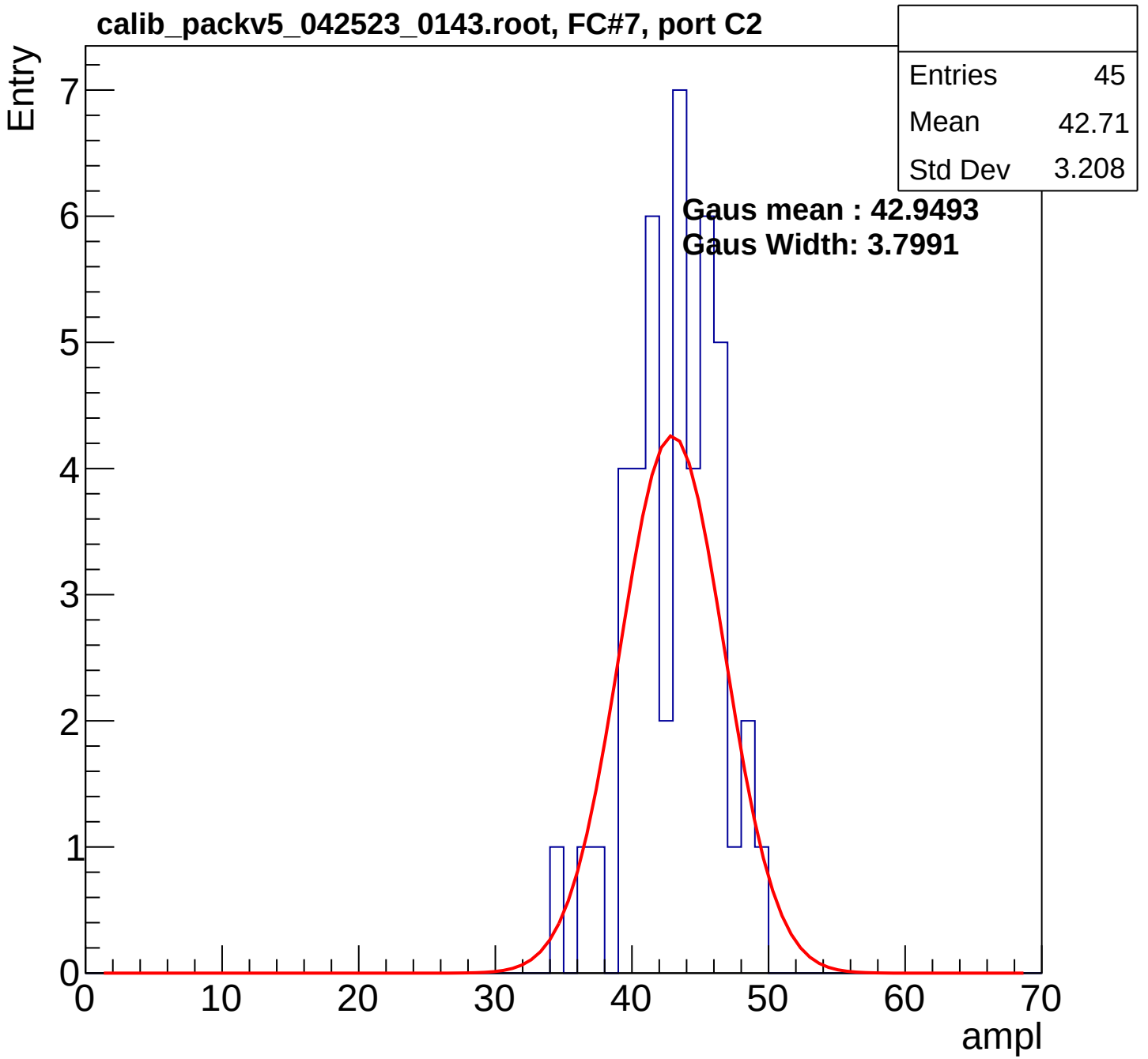
B1L103S, U21-ch85, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 45
Mean 42.71
Std Dev 3.208
Gaus mean : 42.9493
Gaus Width: 3.7991
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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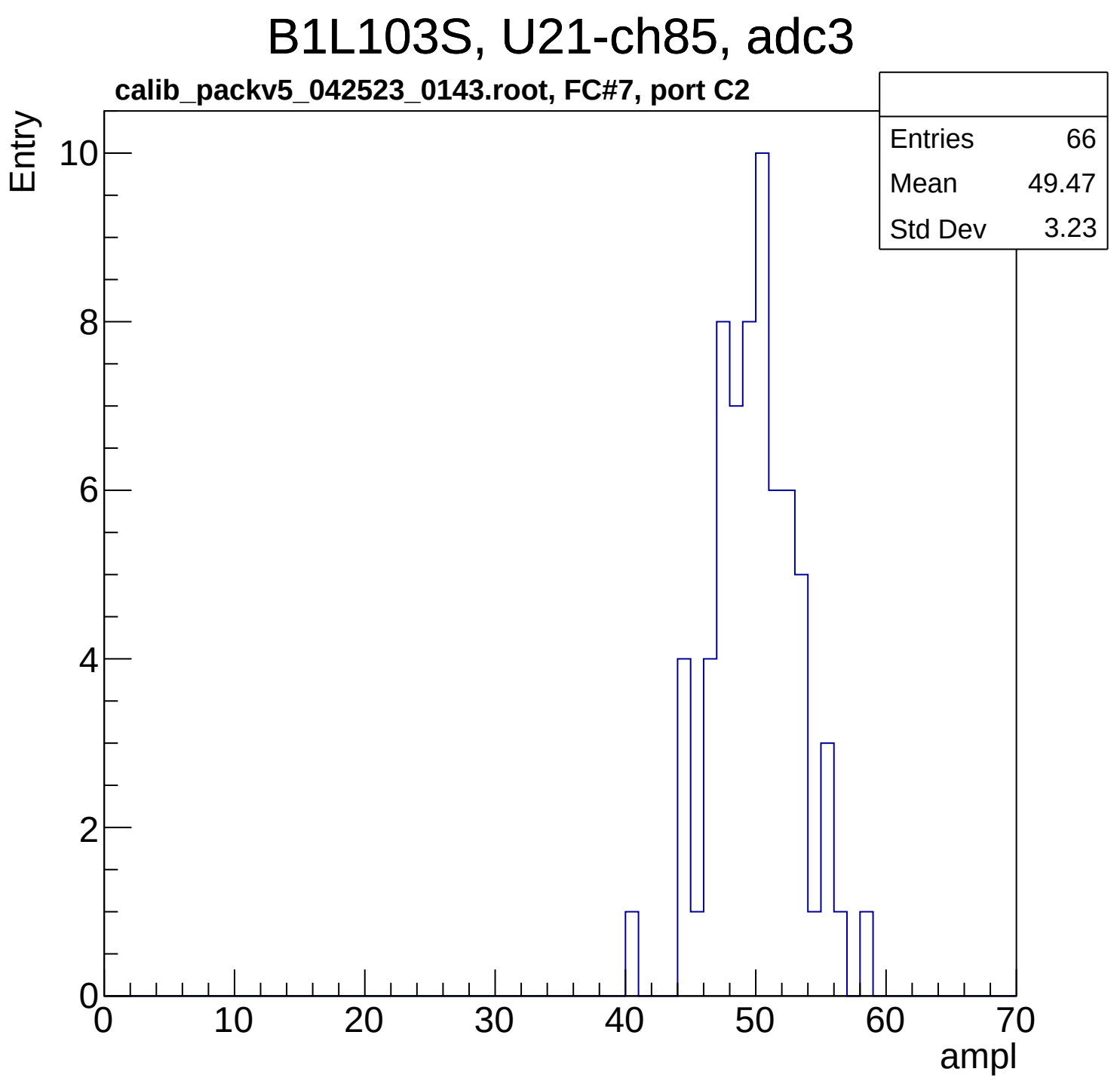
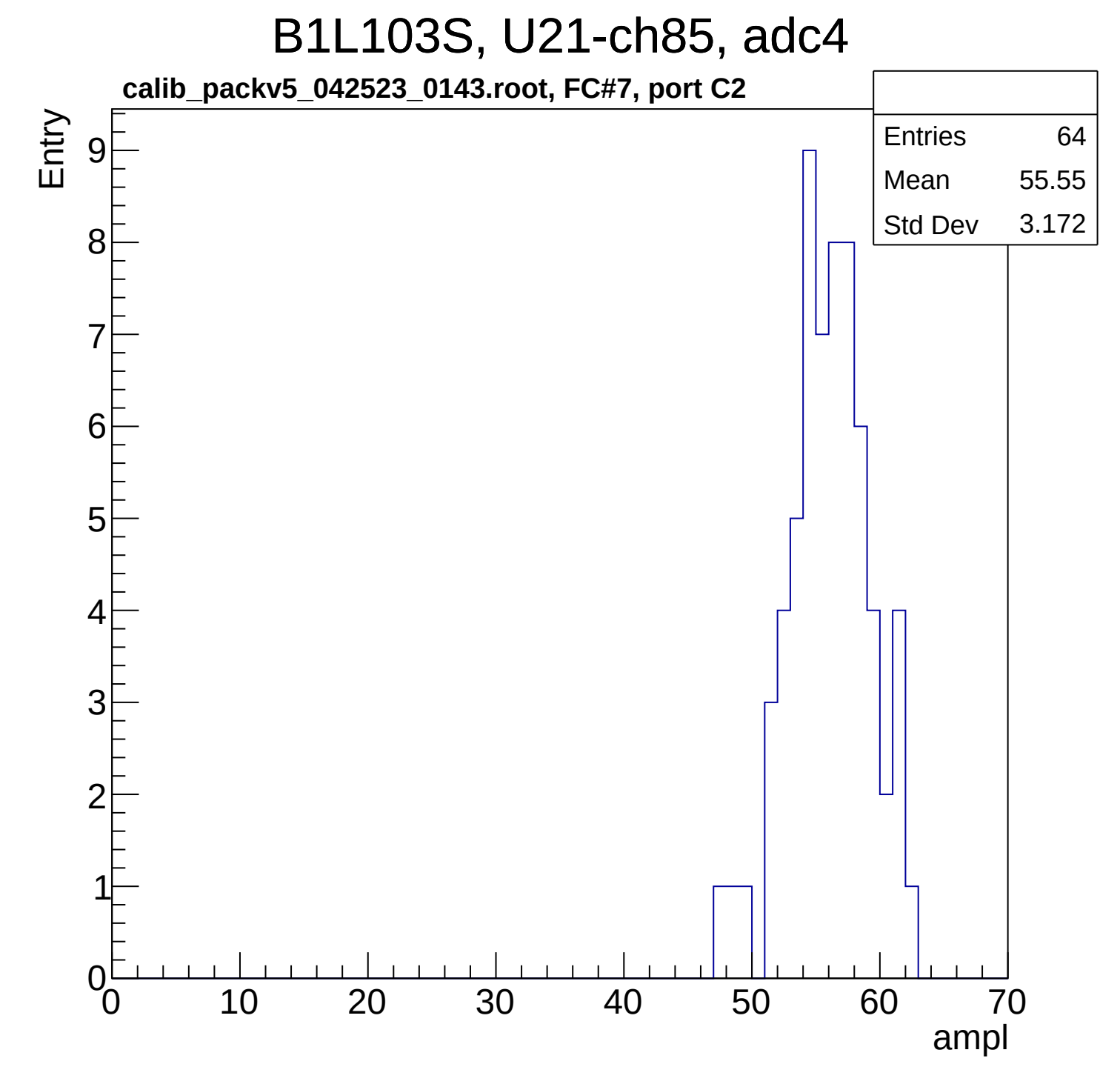

B1L103S, U21-ch85, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 49.47
Std Dev 3.23
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch85, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 55.55
Std Dev 3.172
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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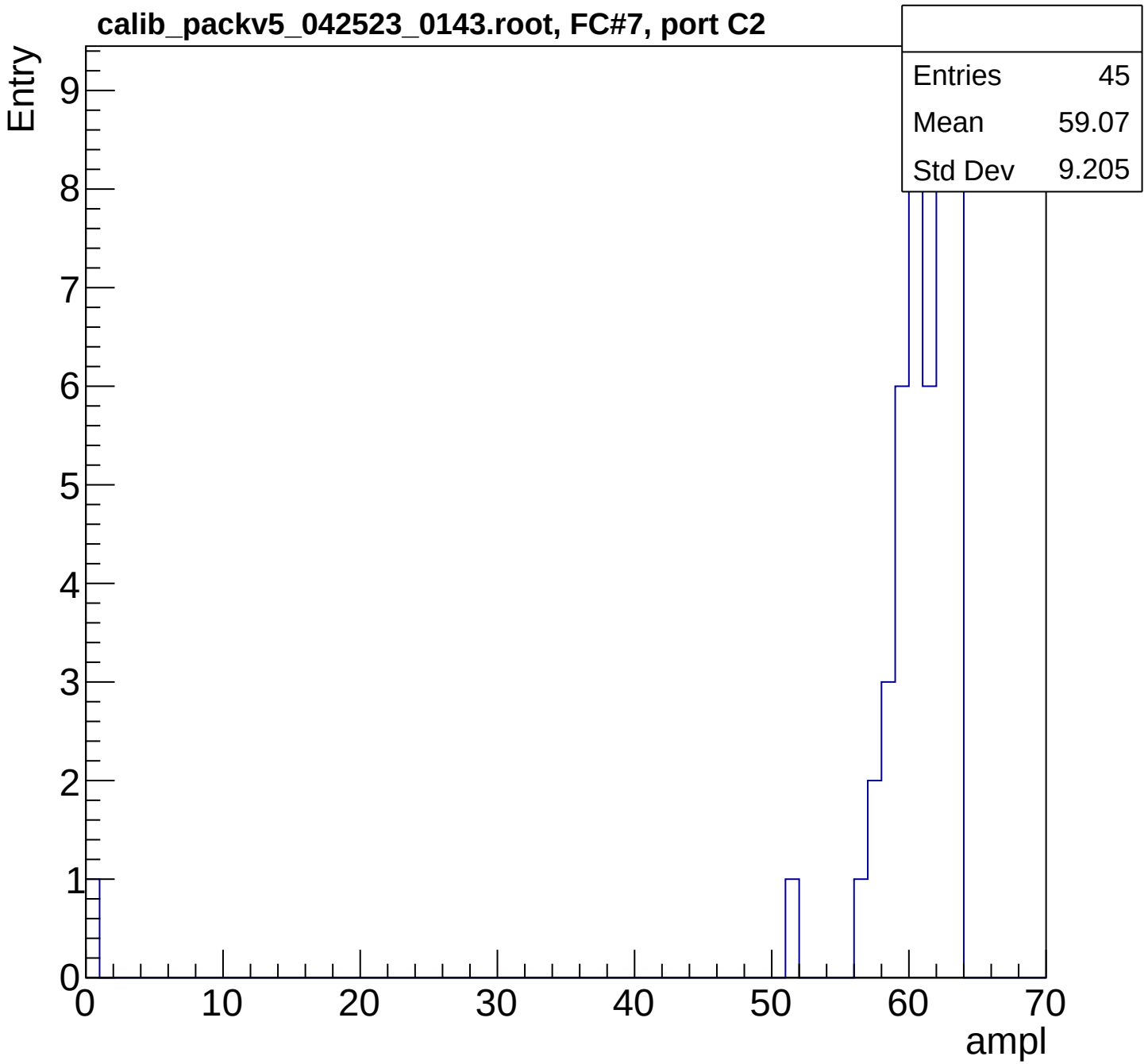
B1L103S, U21-ch85, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 45
Mean 59.07
Std Dev 9.205
Entry
ampl
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2
3
4
5
6
7
8
9
0
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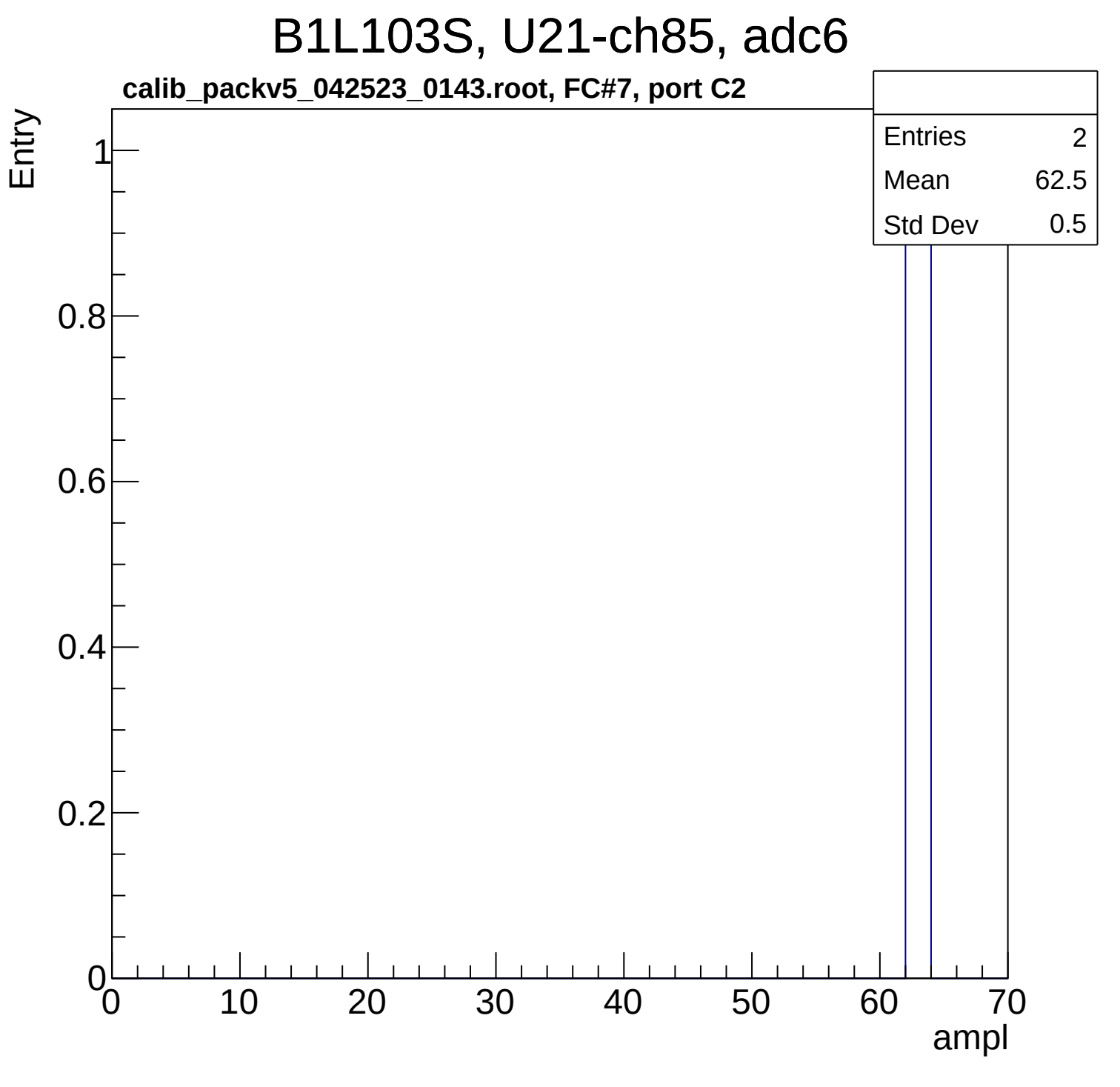
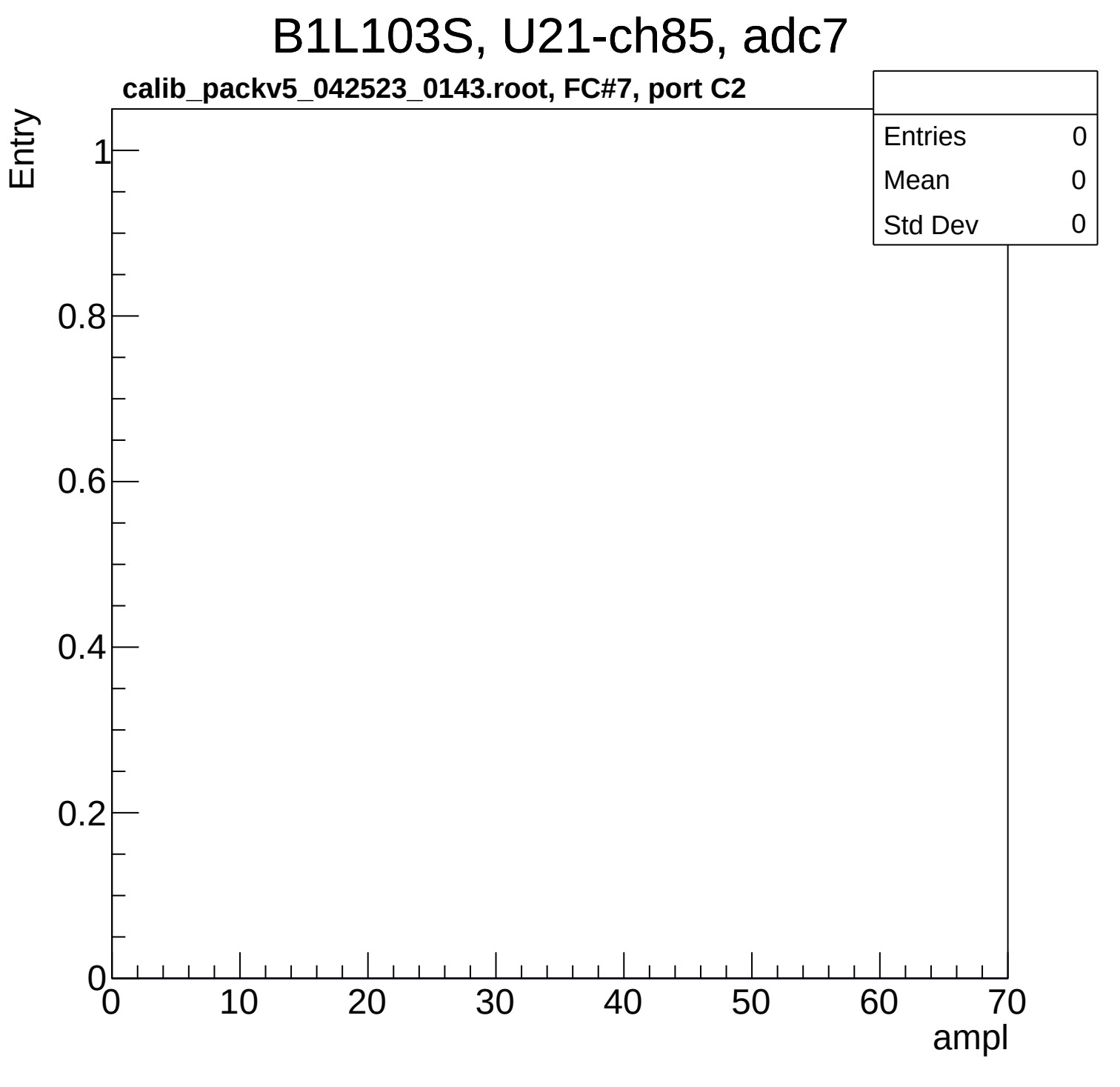
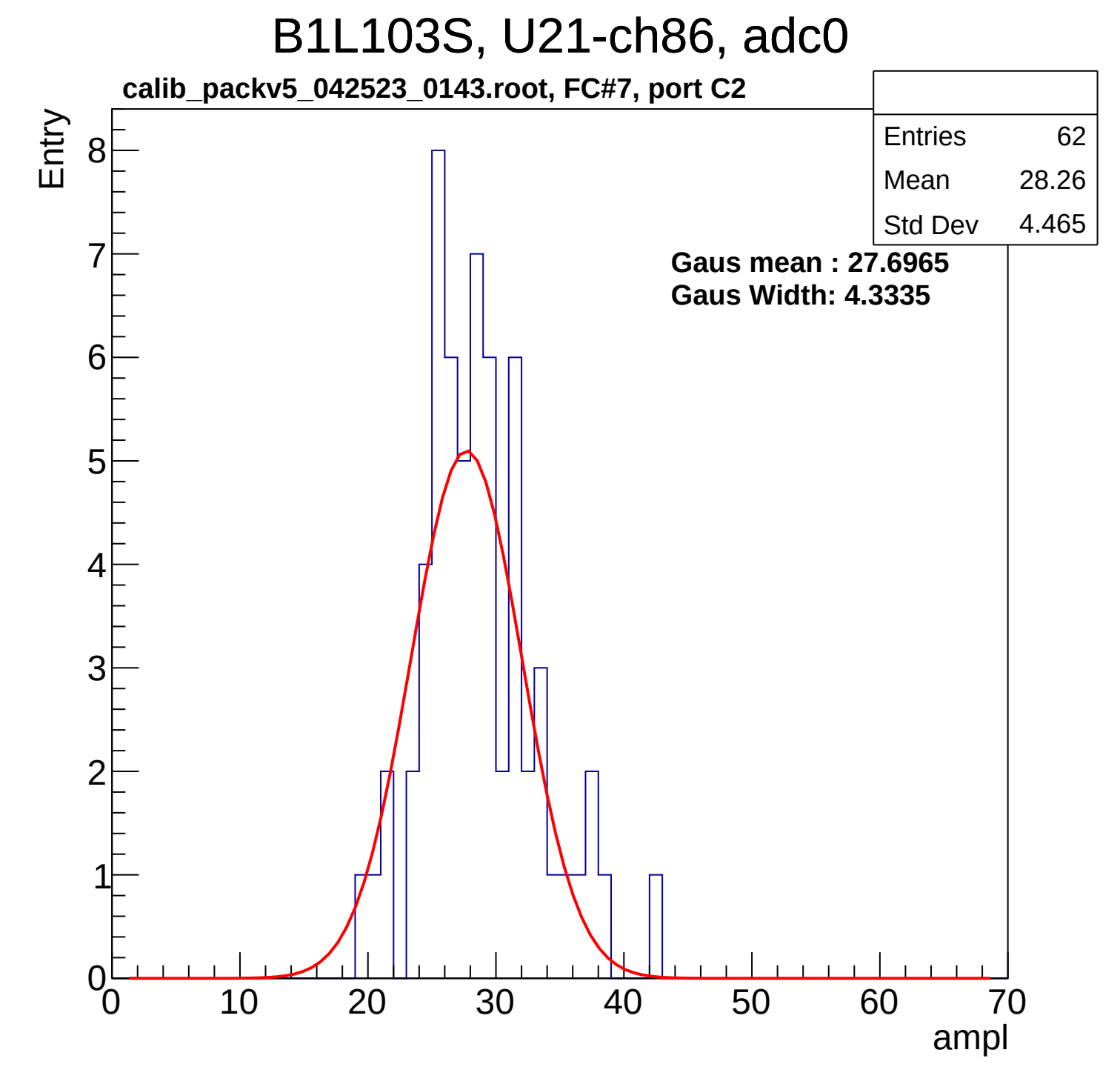
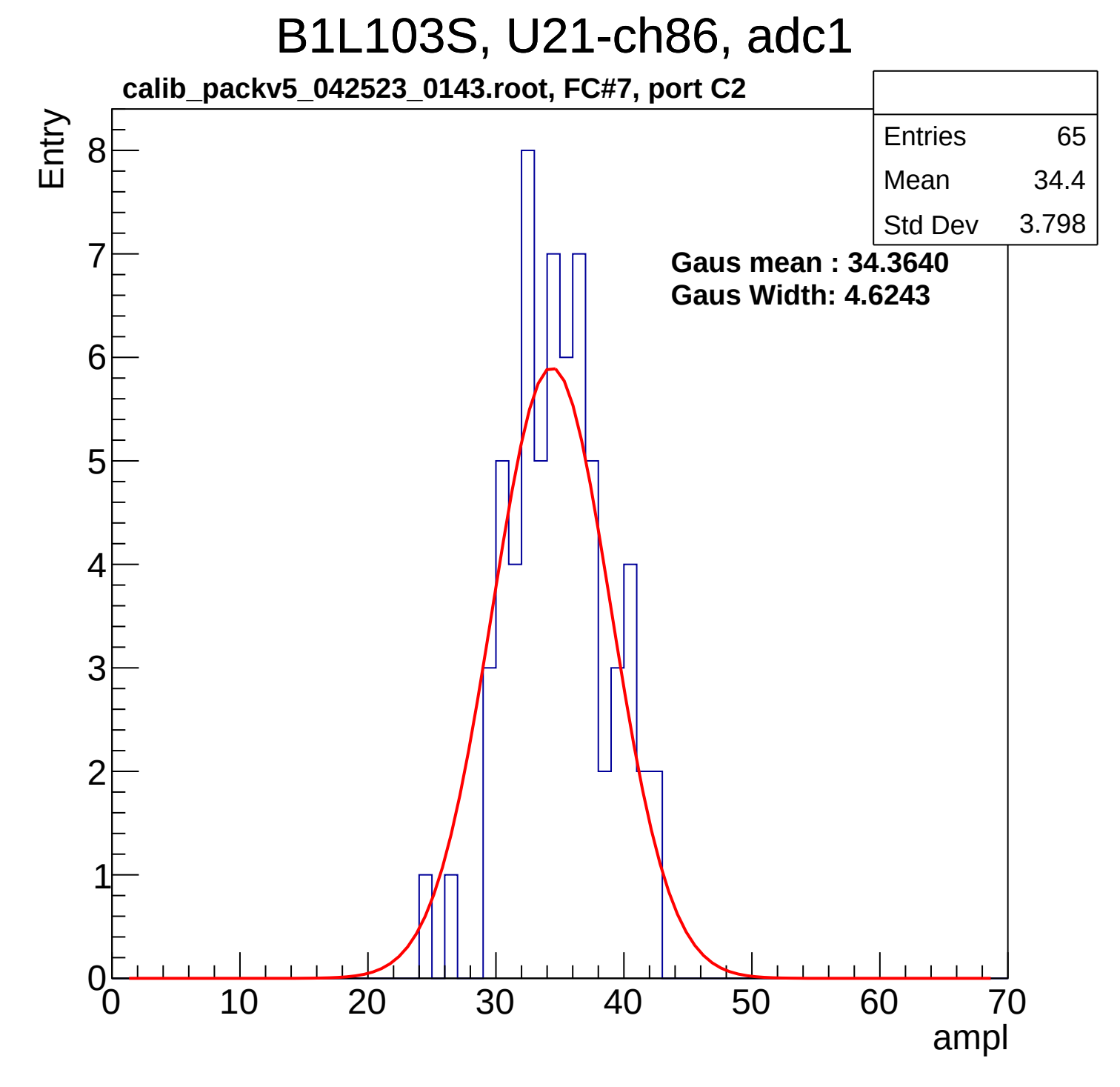

B1L103S, U21-ch85, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch85, 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, U21-ch86, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 28.26
Std Dev 4.465
Gaus mean : 27.6965
Gaus Width: 4.3335
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch86, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 34.4
Std Dev 3.798
Gaus mean : 34.3640
Gaus Width: 4.6243
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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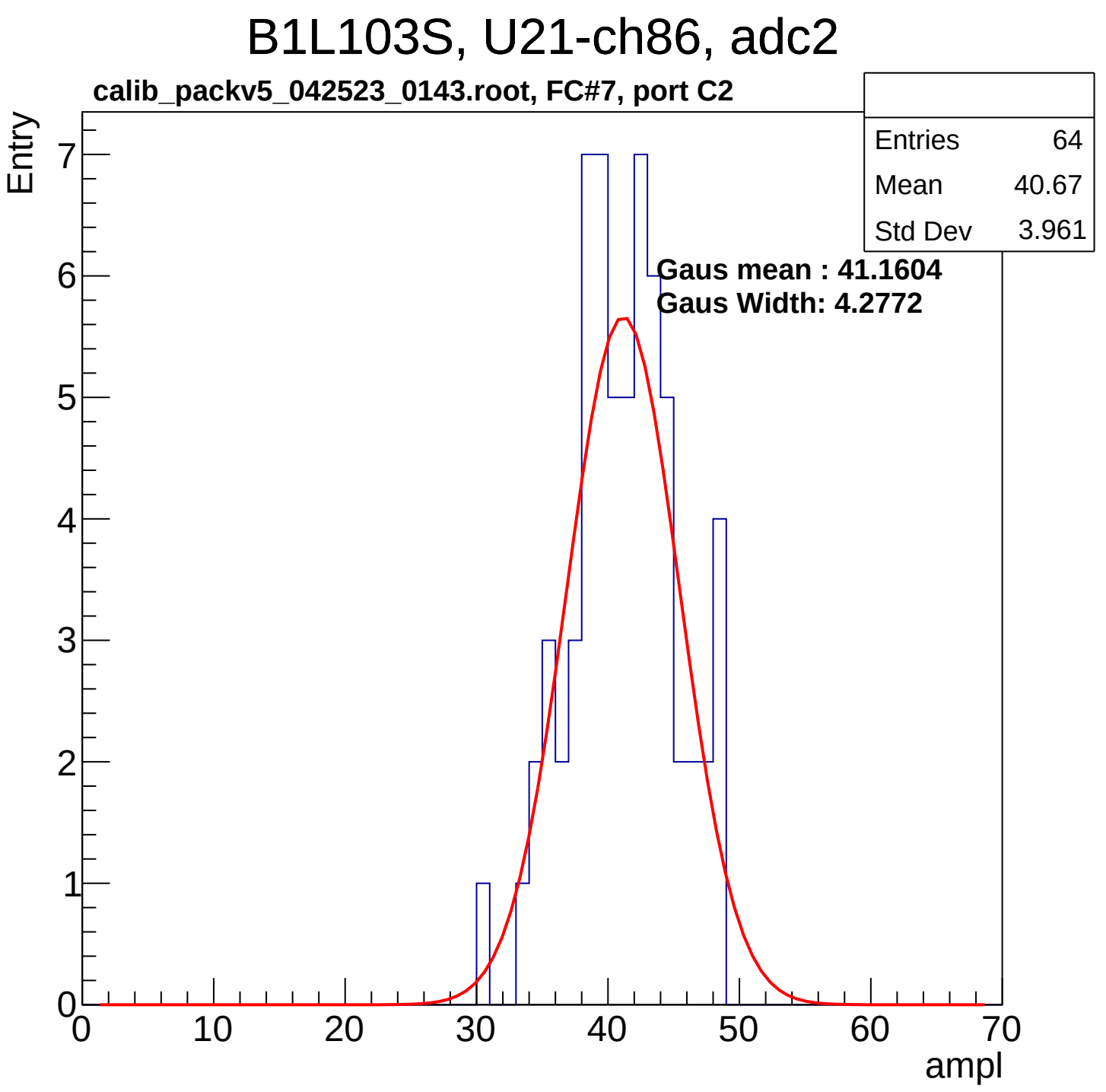
B1L103S, U21-ch86, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 40.67
Std Dev 3.961
Gaus mean : 41.1604
Gaus Width: 4.2772
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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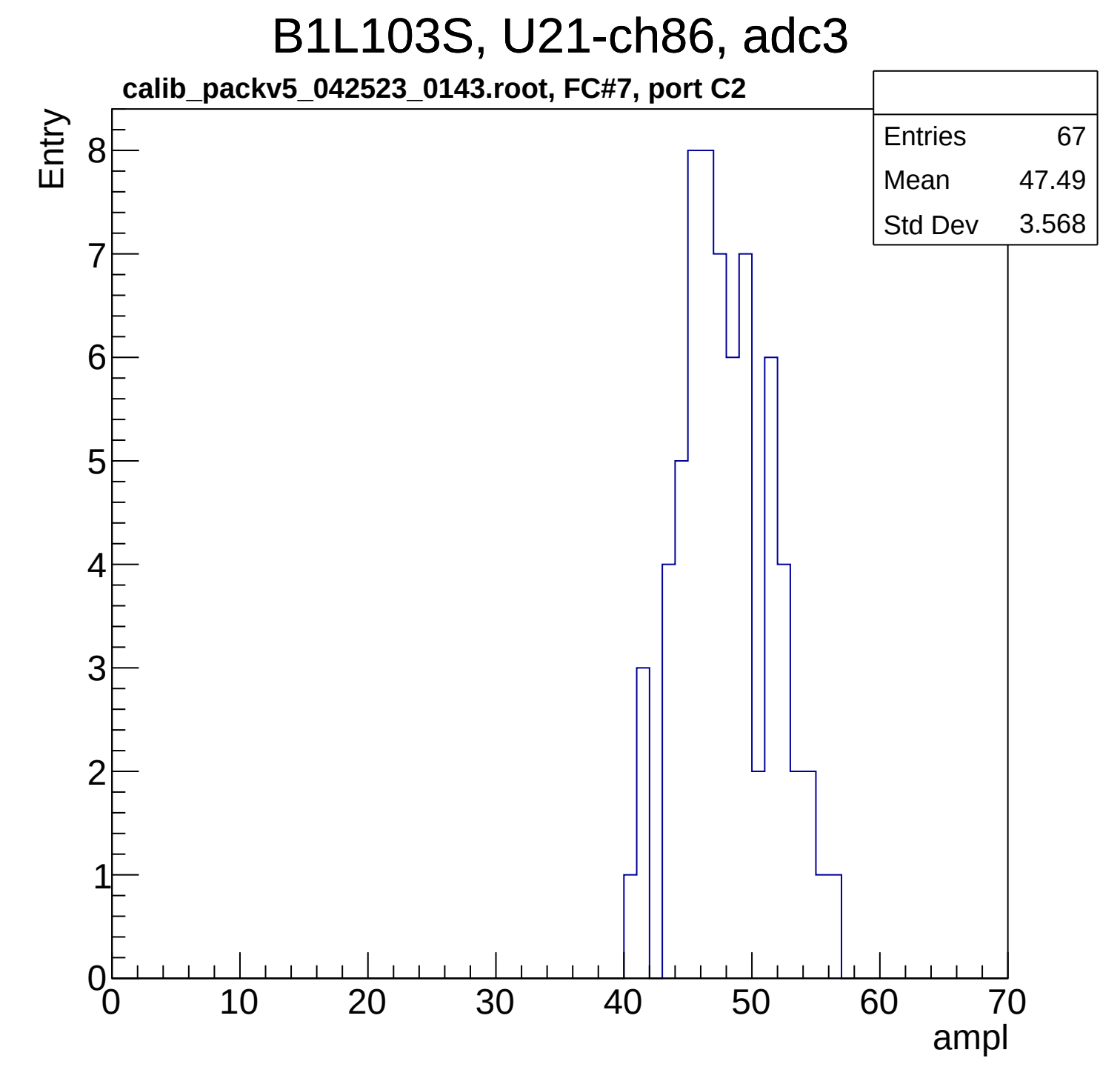
B1L103S, U21-ch86, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 47.49
Std Dev 3.568
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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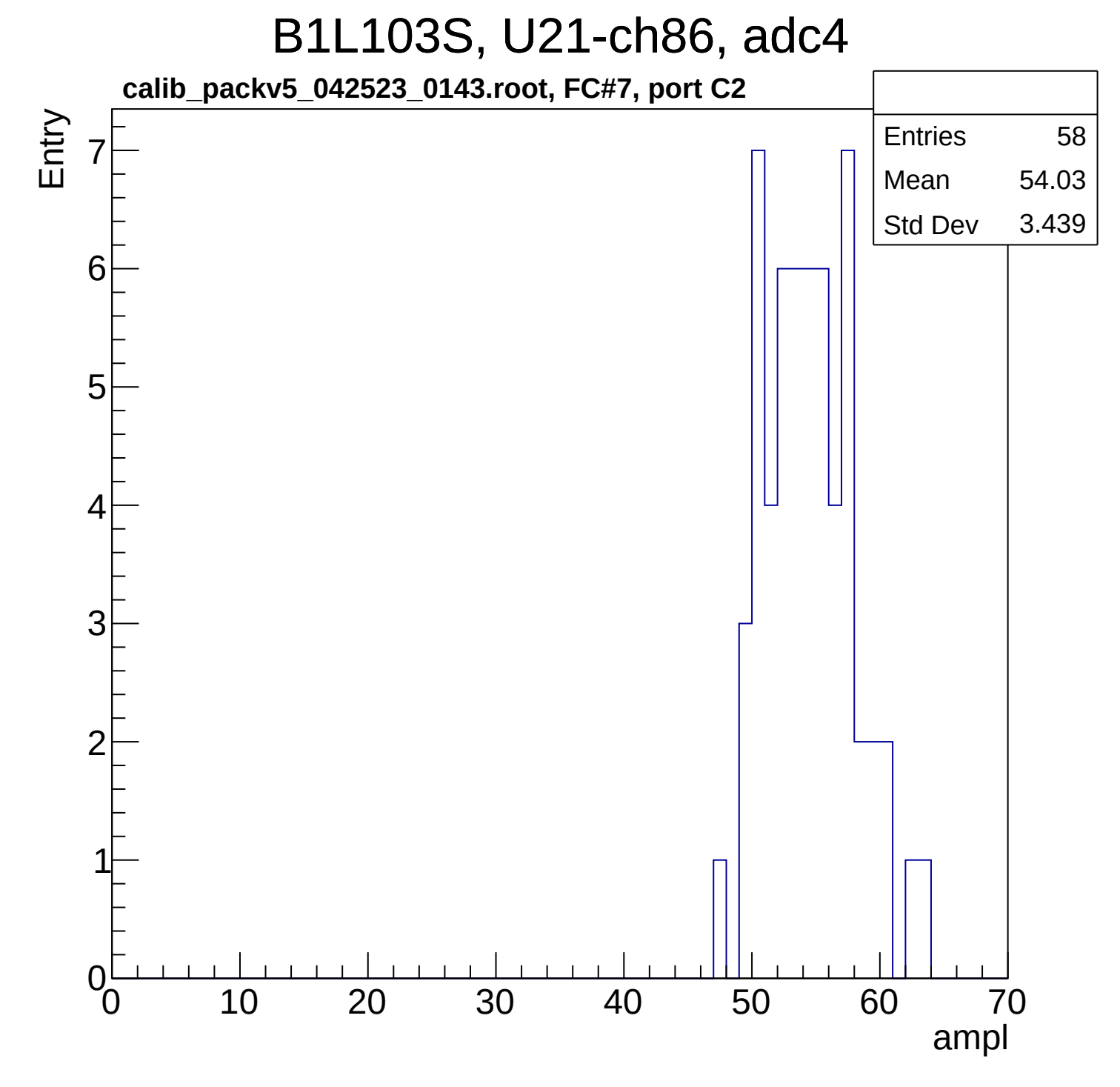
B1L103S, U21-ch86, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 54.03
Std Dev 3.439
Entry
ampl
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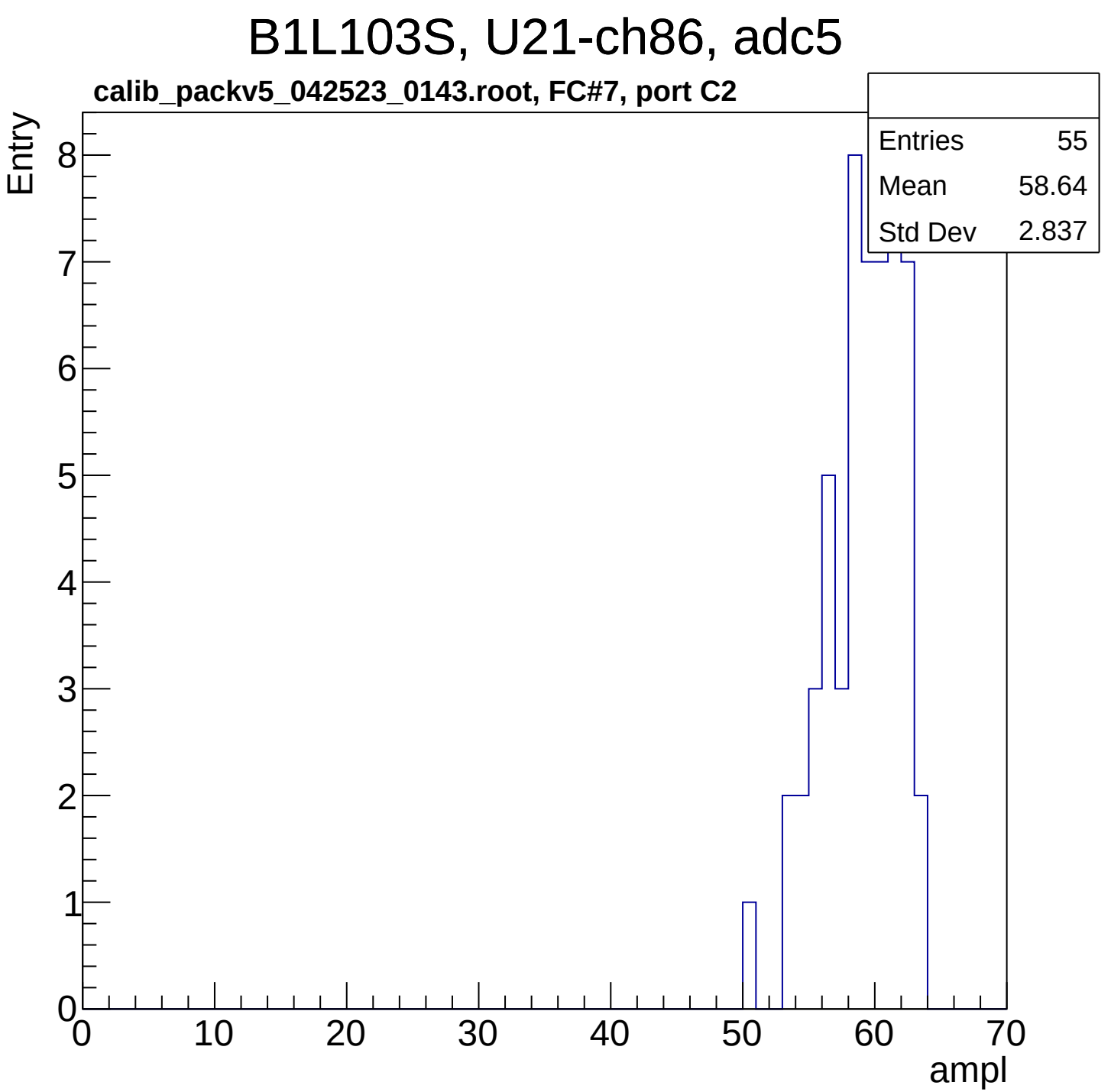
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch86, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 58.64
Std Dev 2.837
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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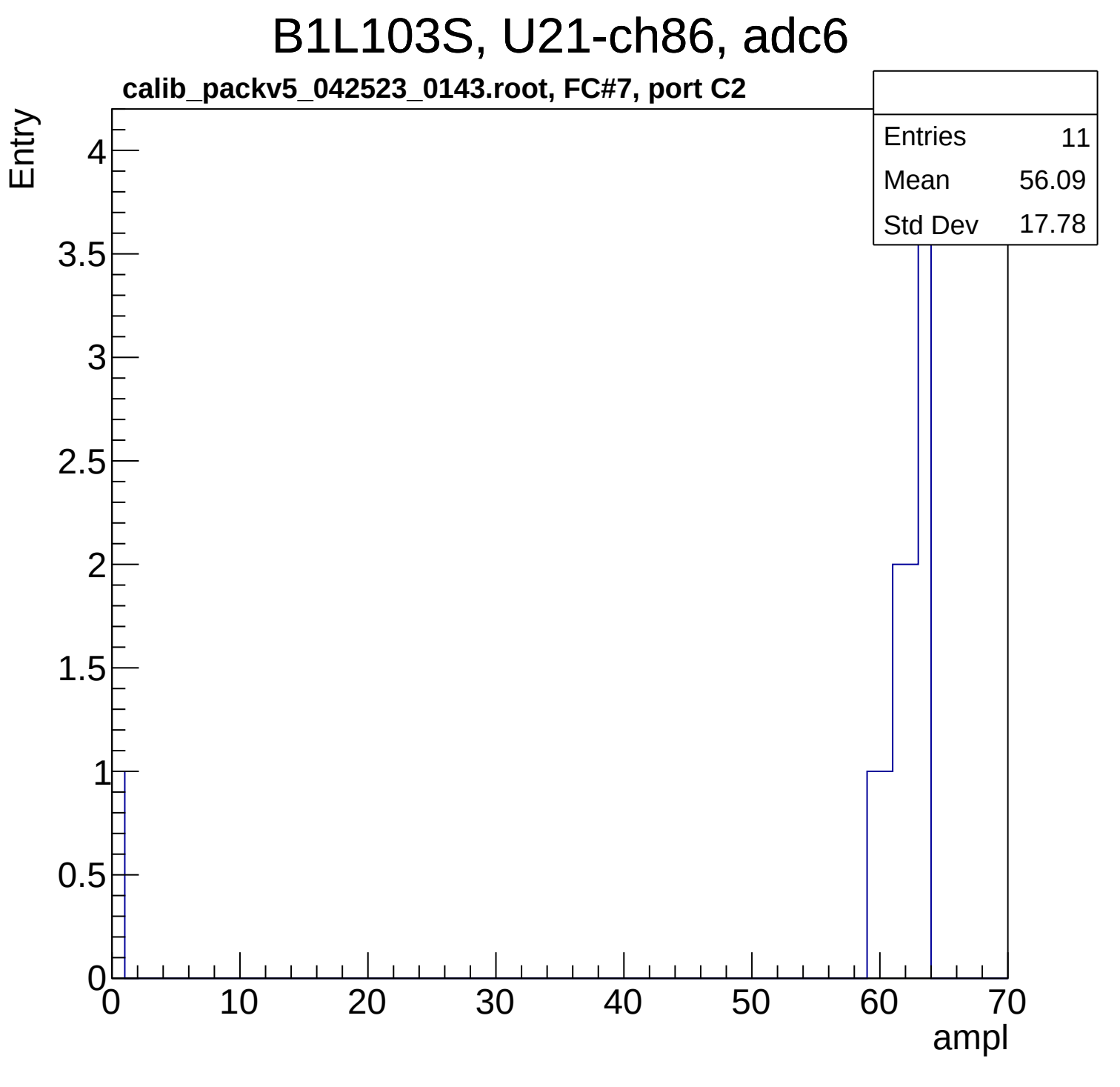
B1L103S, U21-ch86, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 11
Mean 56.09
Std Dev 17.78
Entry
ampl
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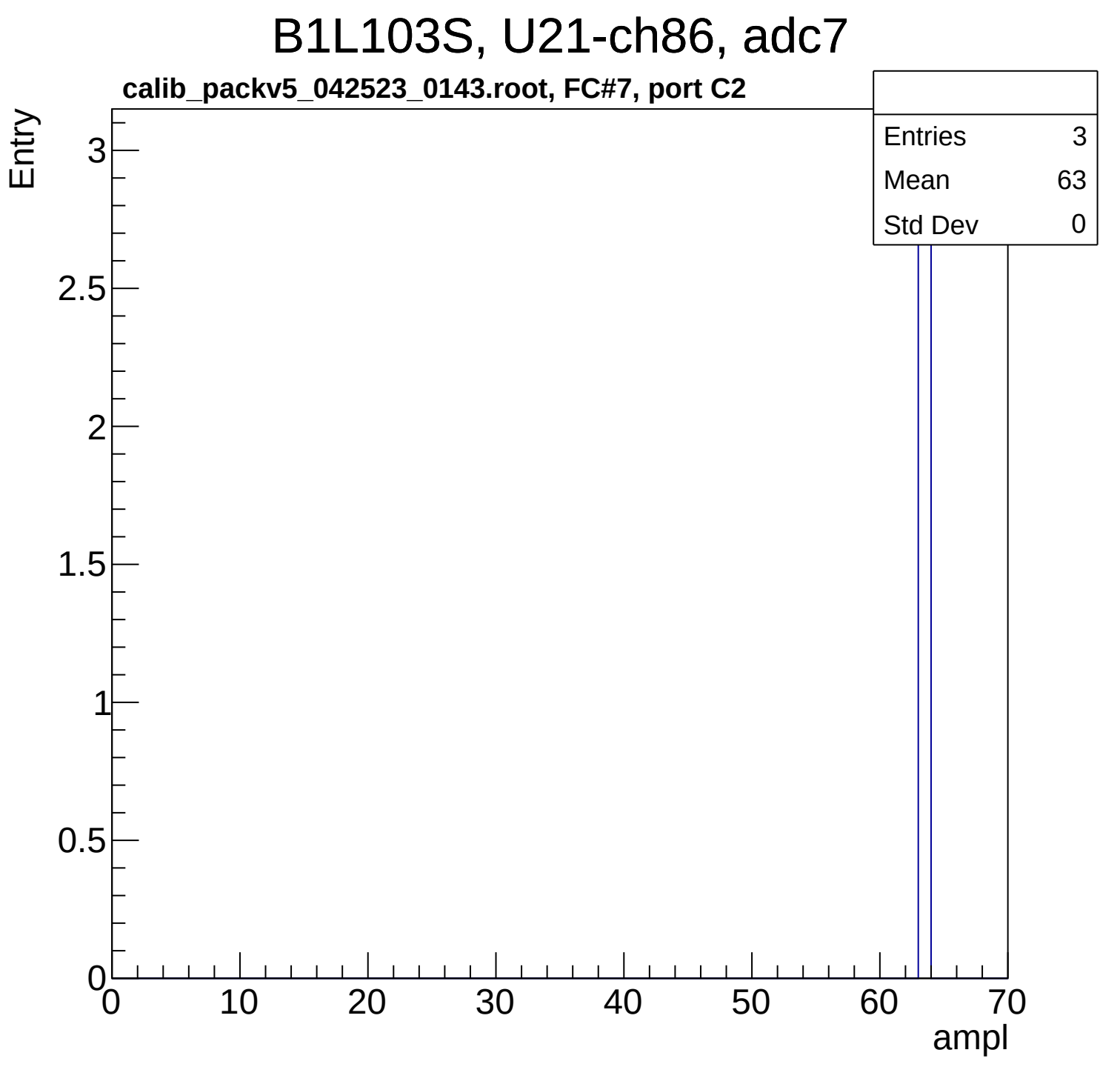
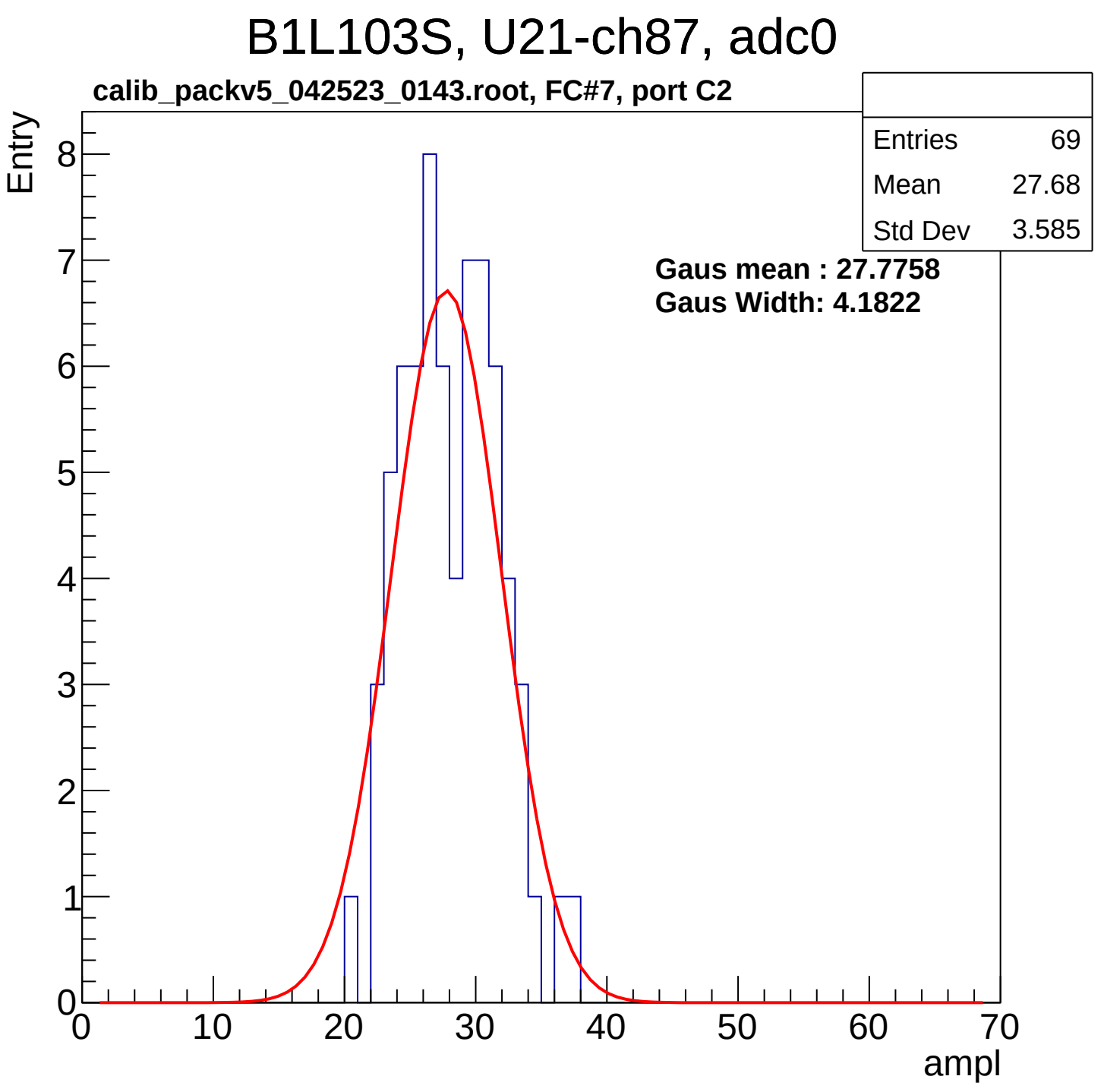
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L103S, U21-ch86, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 63
Std Dev 0
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U21-ch87, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 27.68
Std Dev 3.585
Gaus mean : 27.7758
Gaus Width: 4.1822
Entry
ampl
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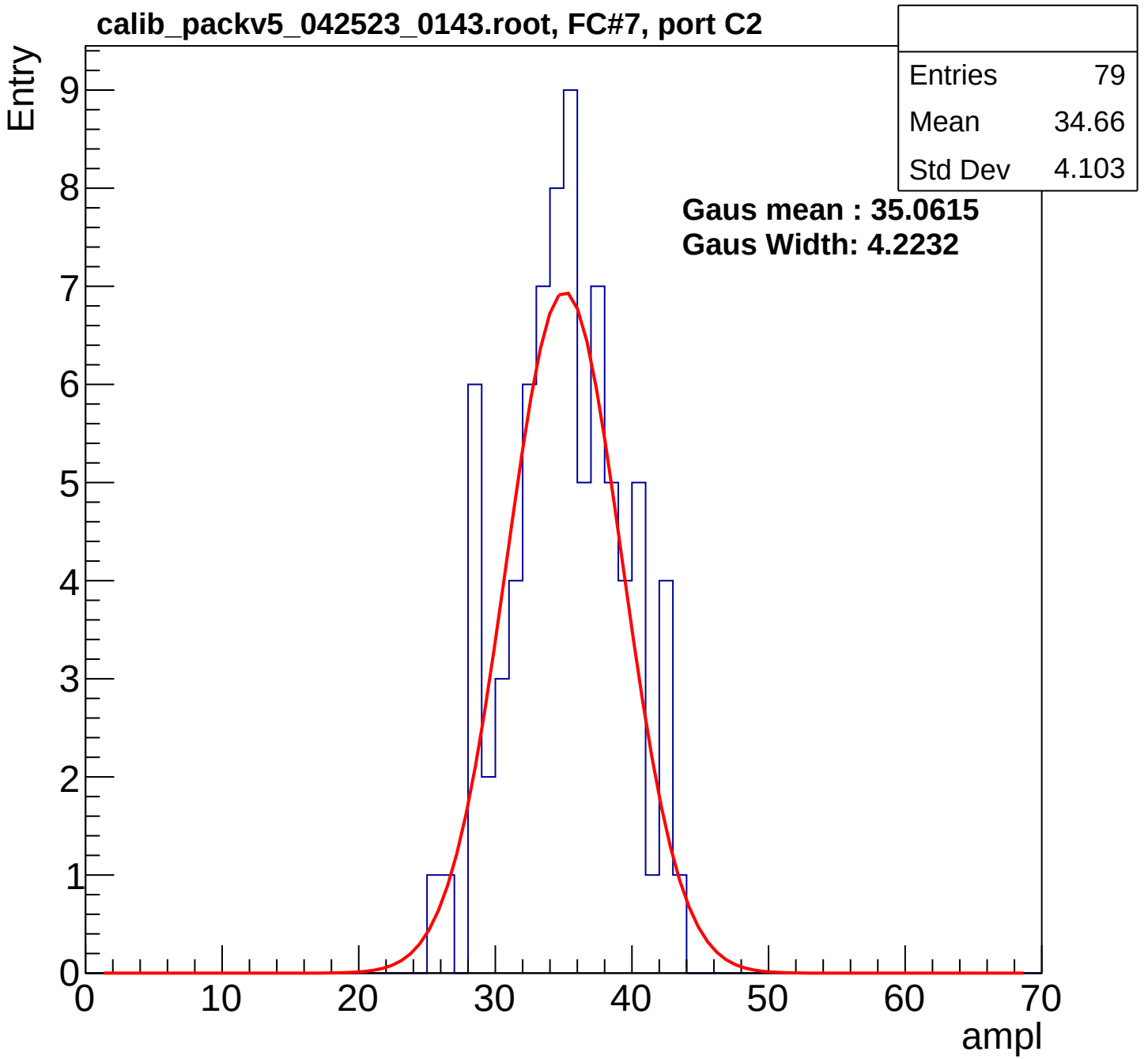
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch87, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 79
Mean 34.66
Std Dev 4.103
Gaus mean : 35.0615
Gaus Width: 4.2232
Entry
ampl
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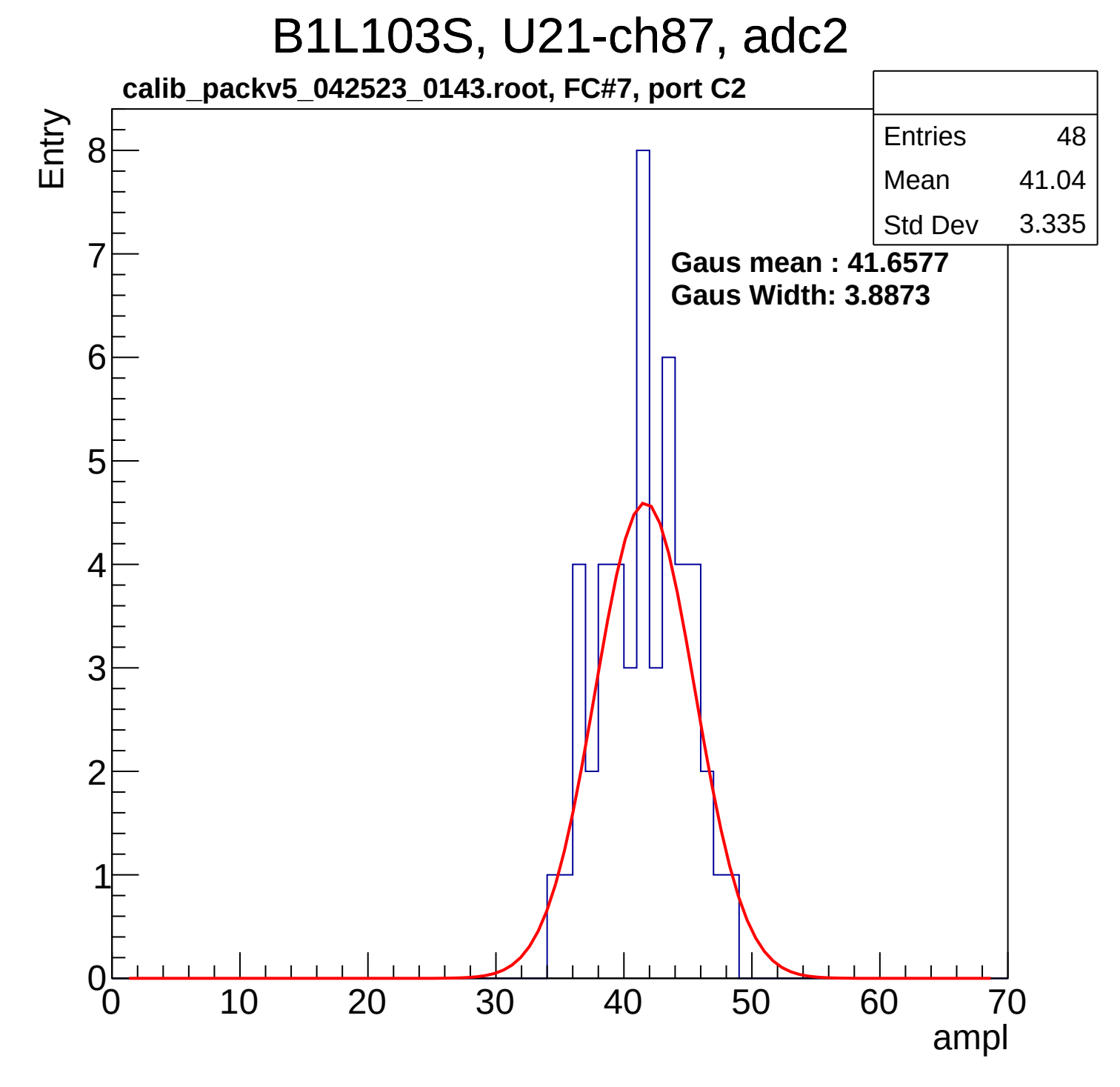
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch87, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 48
Mean 41.04
Std Dev 3.335
Gaus mean : 41.6577
Gaus Width: 3.8873
Entry
ampl
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2
3
4
5
6
7
8
0
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60
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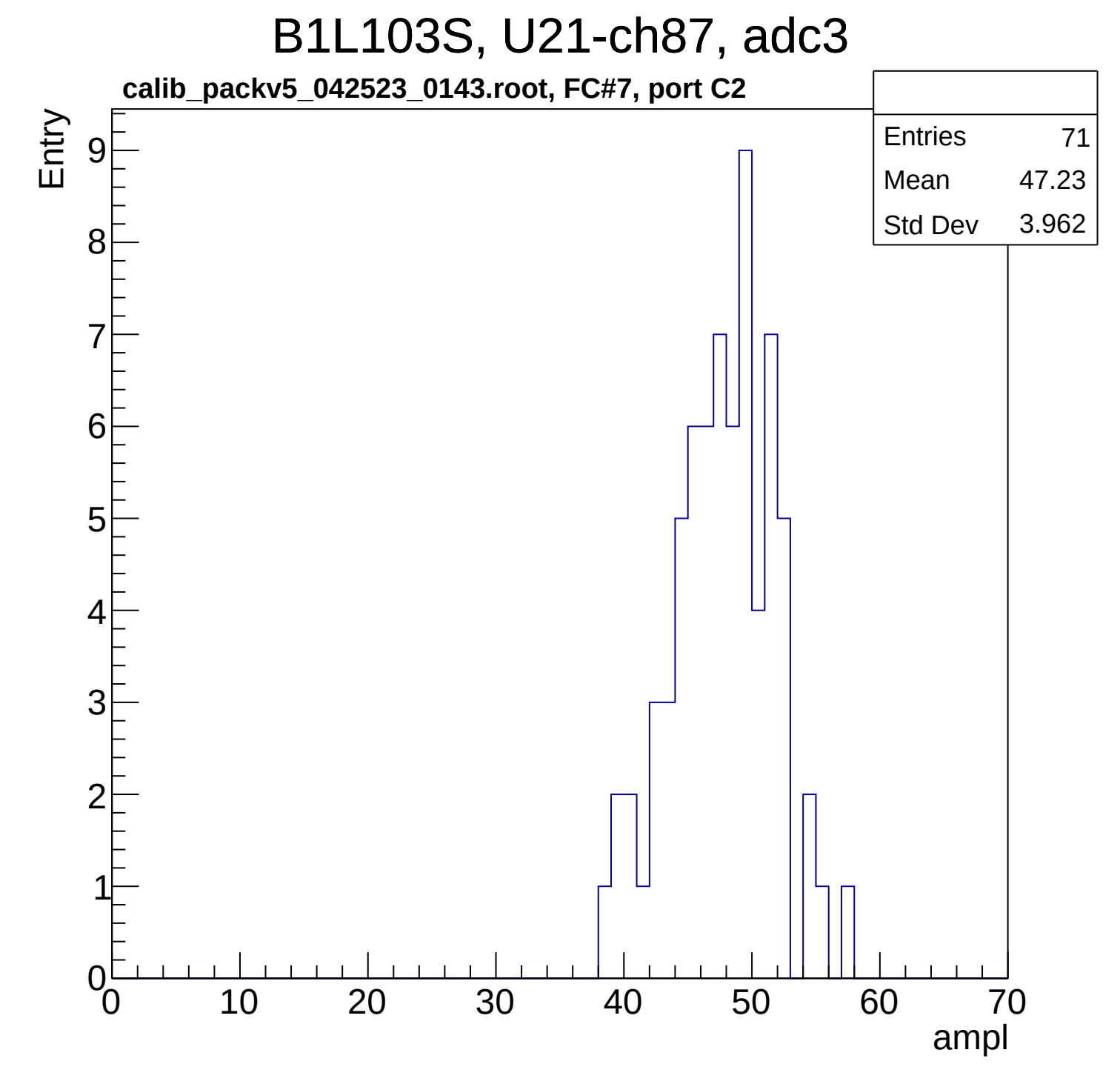
B1L103S, U21-ch87, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 47.23
Std Dev 3.962
Entry
ampl
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3
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6
7
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0
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60
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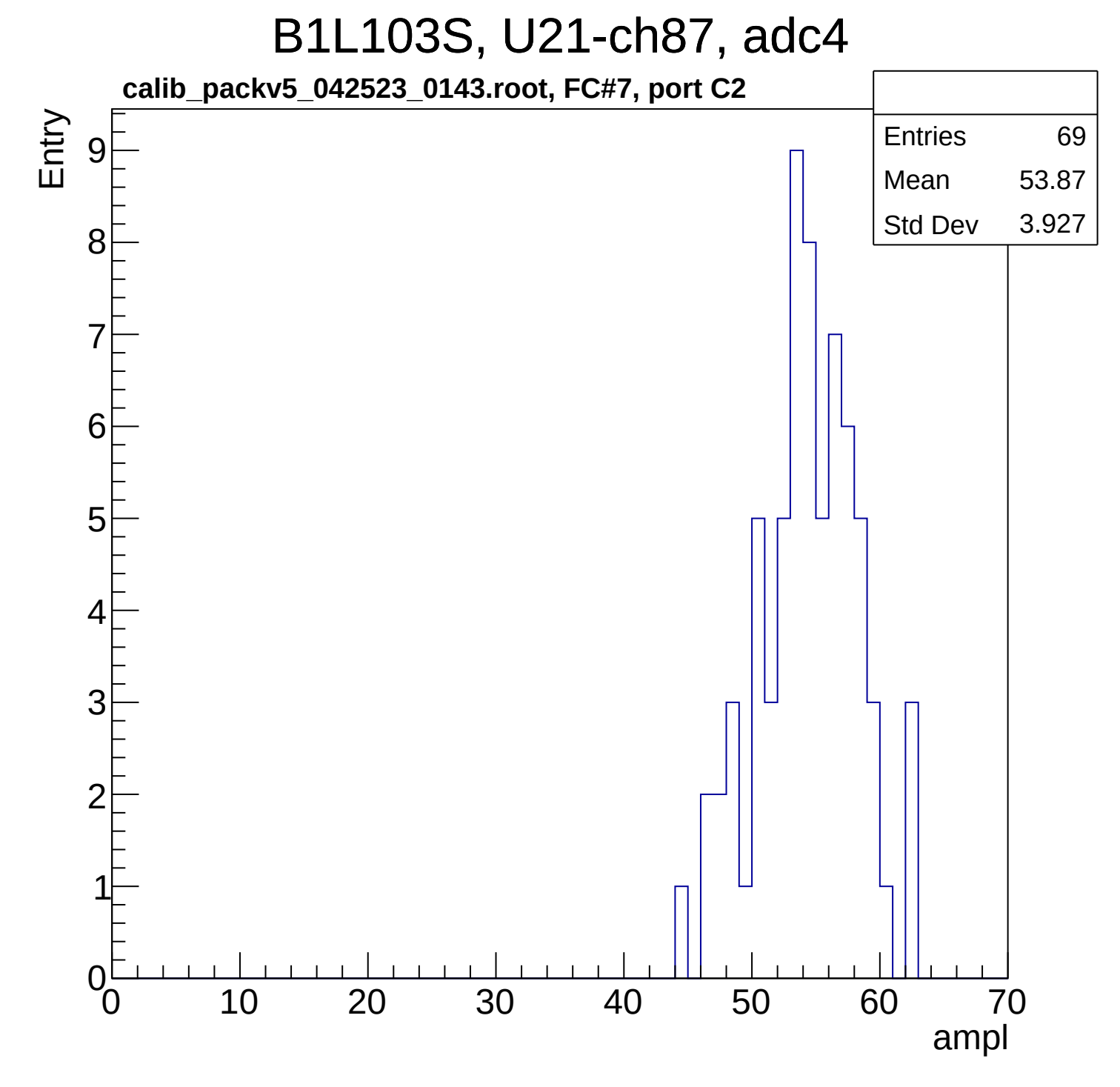
B1L103S, U21-ch87, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 53.87
Std Dev 3.927
Entry
ampl
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2
3
4
5
6
7
8
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0
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20
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40
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60
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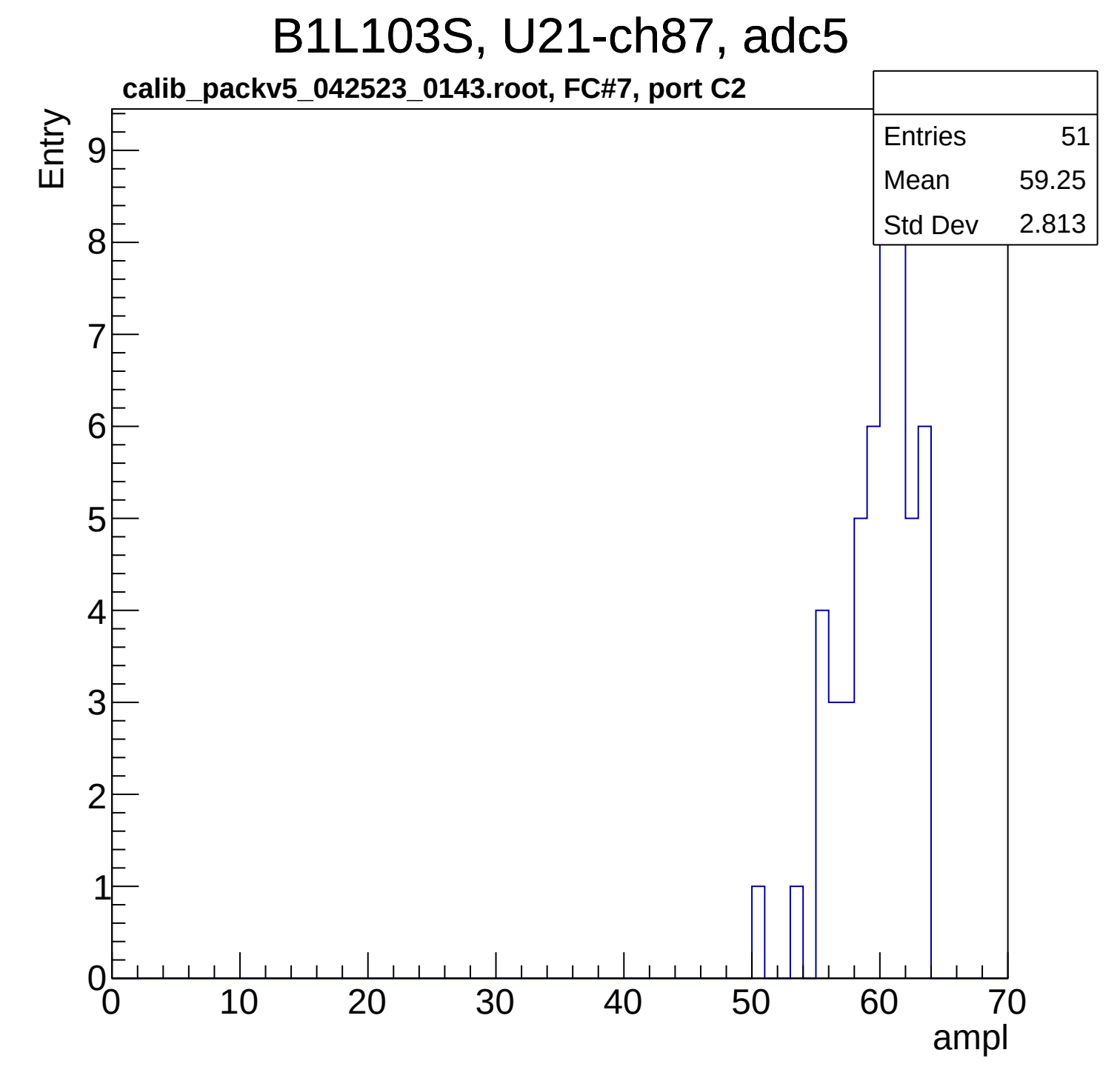
B1L103S, U21-ch87, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 59.25
Std Dev 2.813
Entry
ampl
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0
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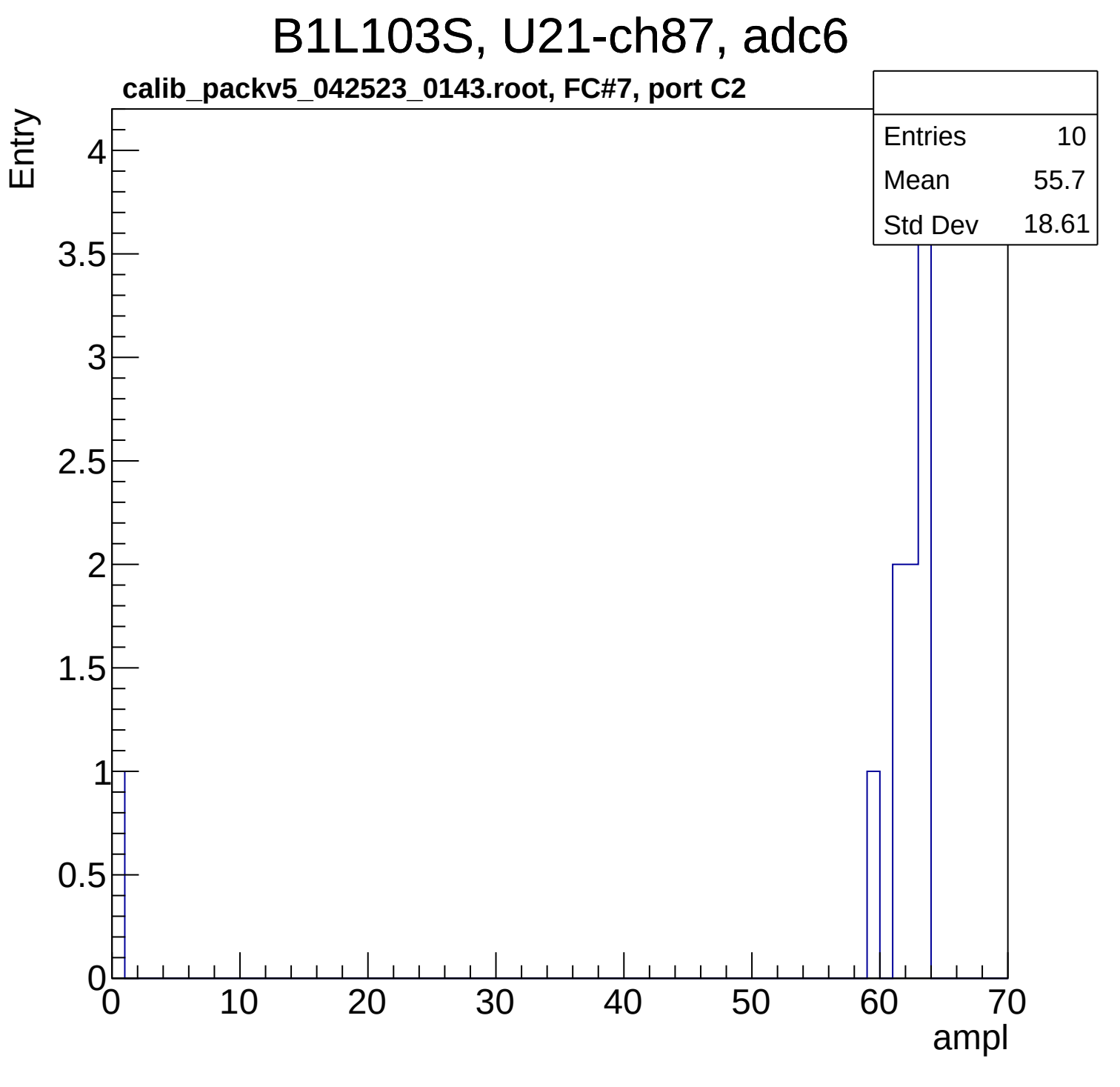
B1L103S, U21-ch87, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 10
Mean 55.7
Std Dev 18.61
Entry
ampl
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1.5
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3
3.5
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60
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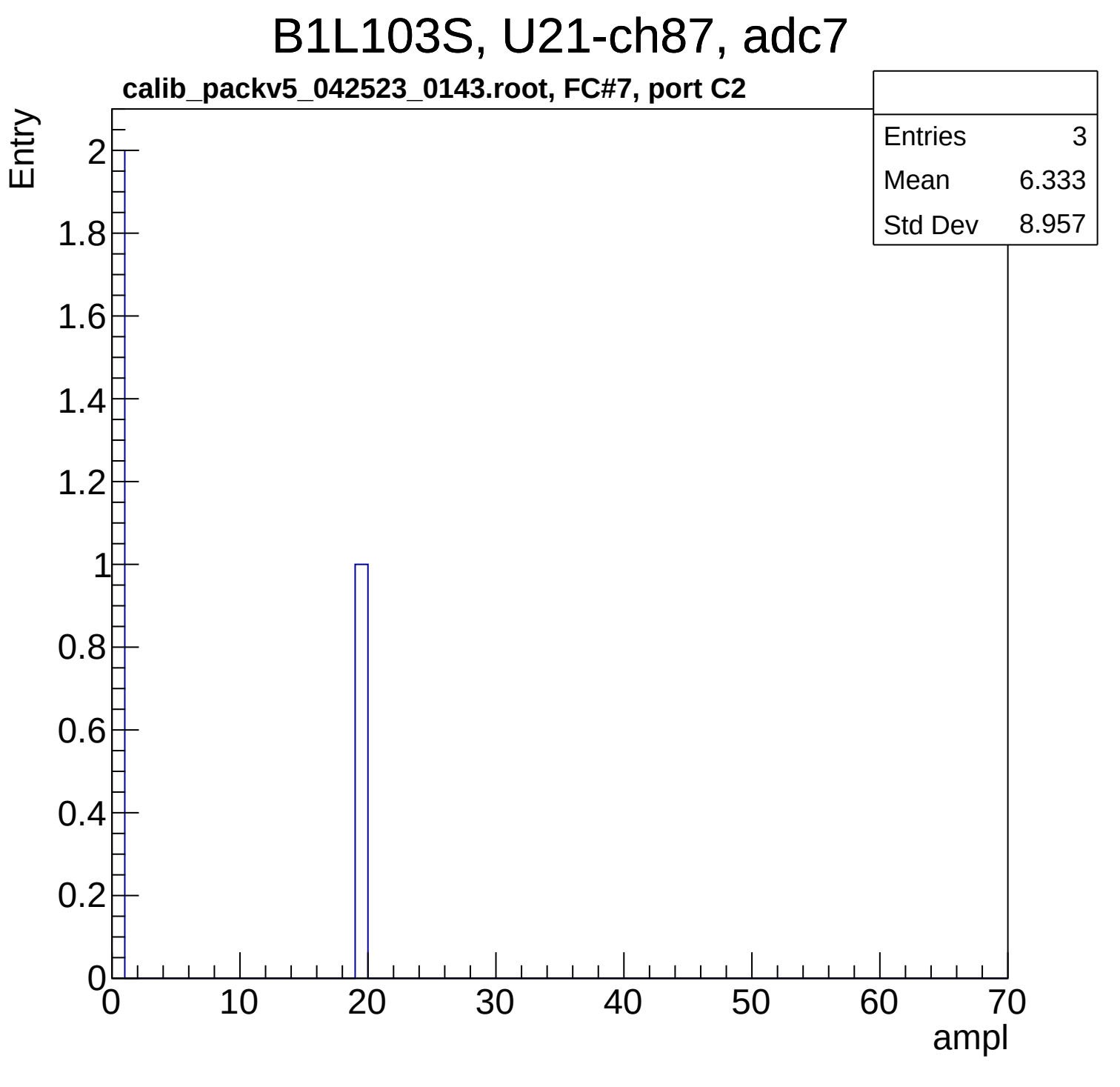
B1L103S, U21-ch87, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 6.333
Std Dev 8.957
Entry
ampl
0
0.2
0.4
0.6
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1.2
1.4
1.6
1.8
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60
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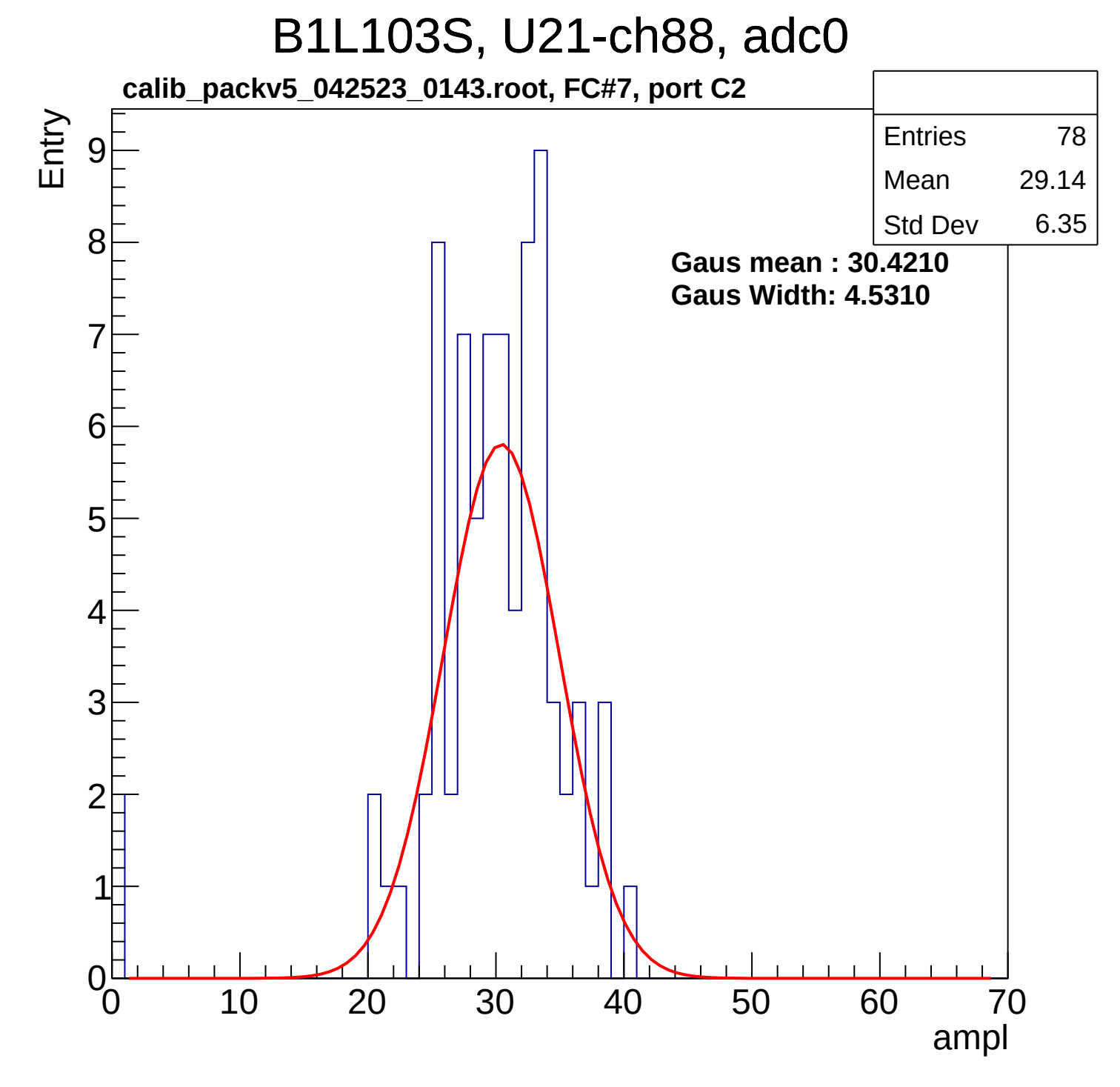
B1L103S, U21-ch88, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 78
Mean 29.14
Std Dev 6.35
Gaus mean : 30.4210
Gaus Width: 4.5310
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
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60
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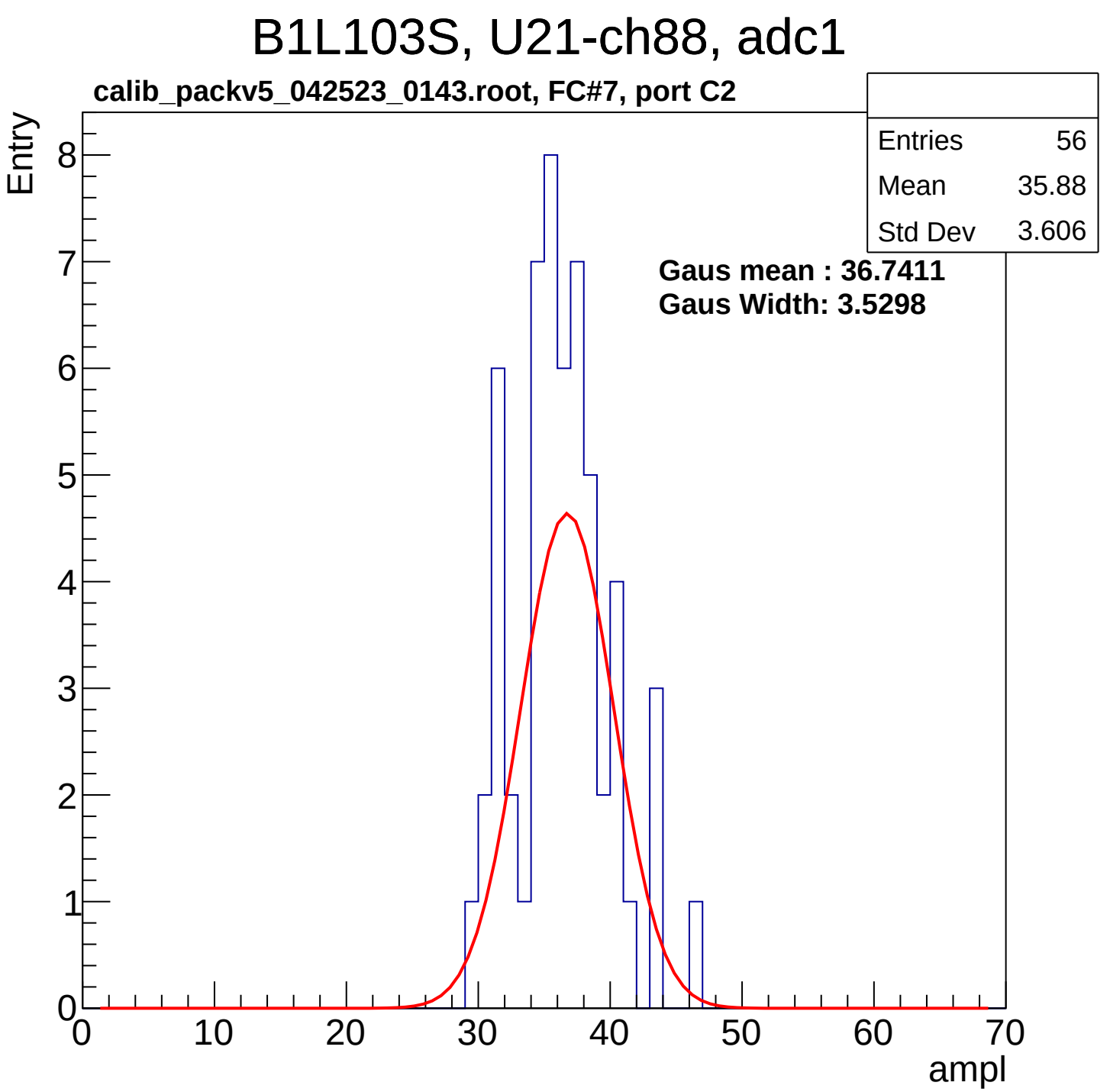
B1L103S, U21-ch88, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 35.88
Std Dev 3.606
Gaus mean : 36.7411
Gaus Width: 3.5298
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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60
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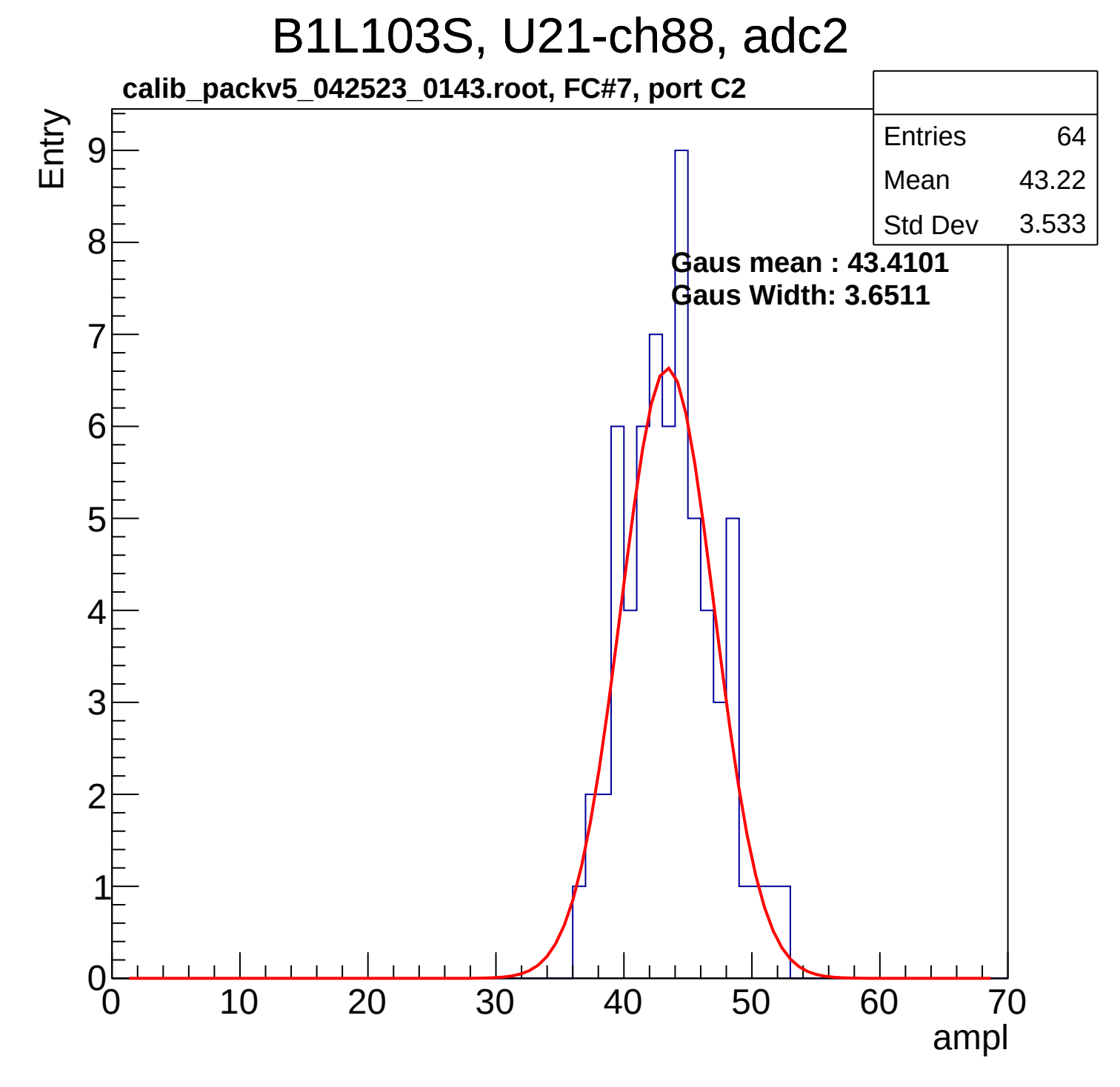
B1L103S, U21-ch88, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 43.22
Std Dev 3.533
Gaus mean : 43.4101
Gaus Width: 3.6511
Entry
ampl
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3
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5
6
7
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0
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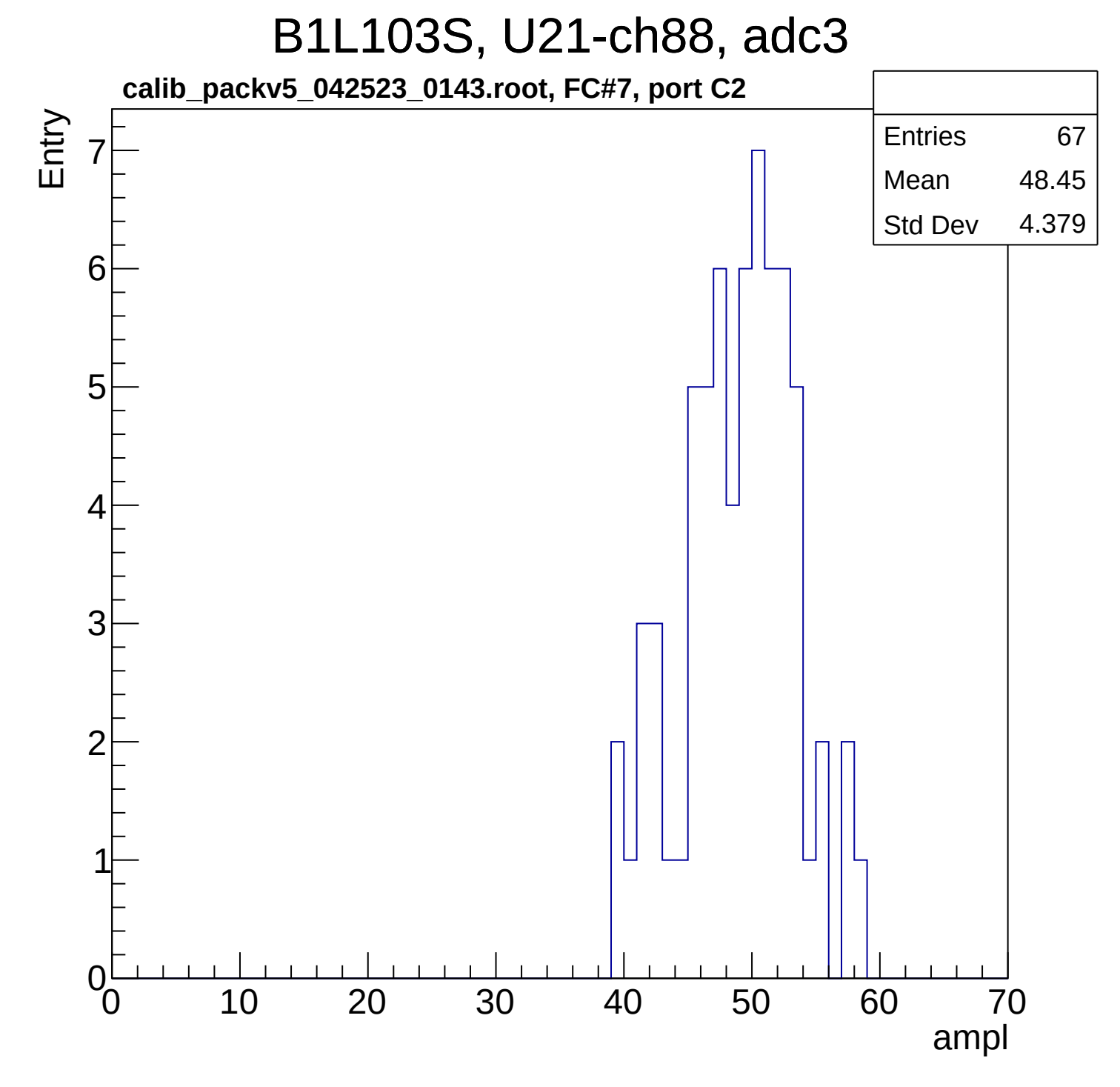
B1L103S, U21-ch88, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 48.45
Std Dev 4.379
Entry
ampl
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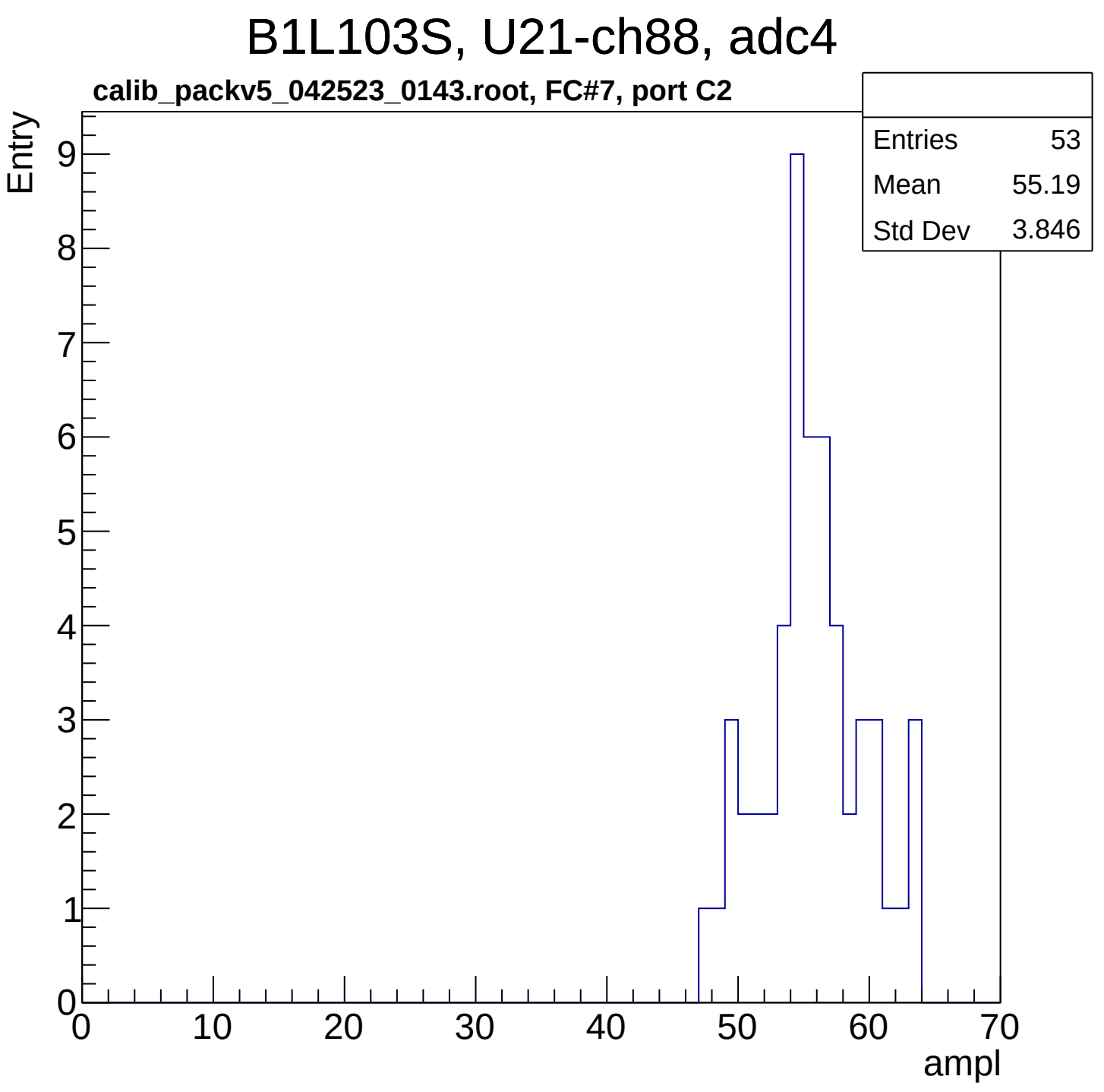
B1L103S, U21-ch88, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 53
Mean 55.19
Std Dev 3.846
Entry
ampl
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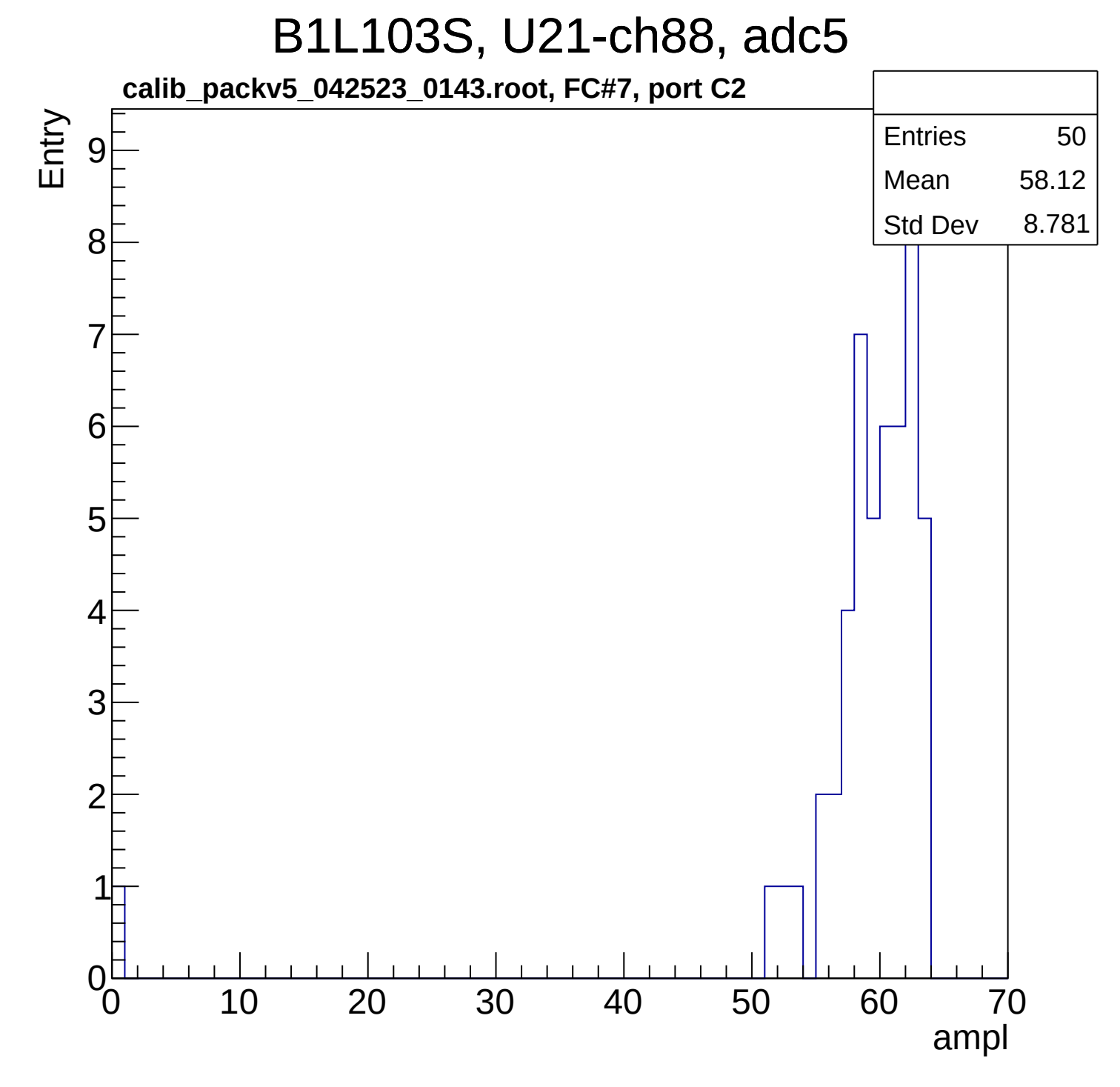
B1L103S, U21-ch88, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 50
Mean 58.12
Std Dev 8.781
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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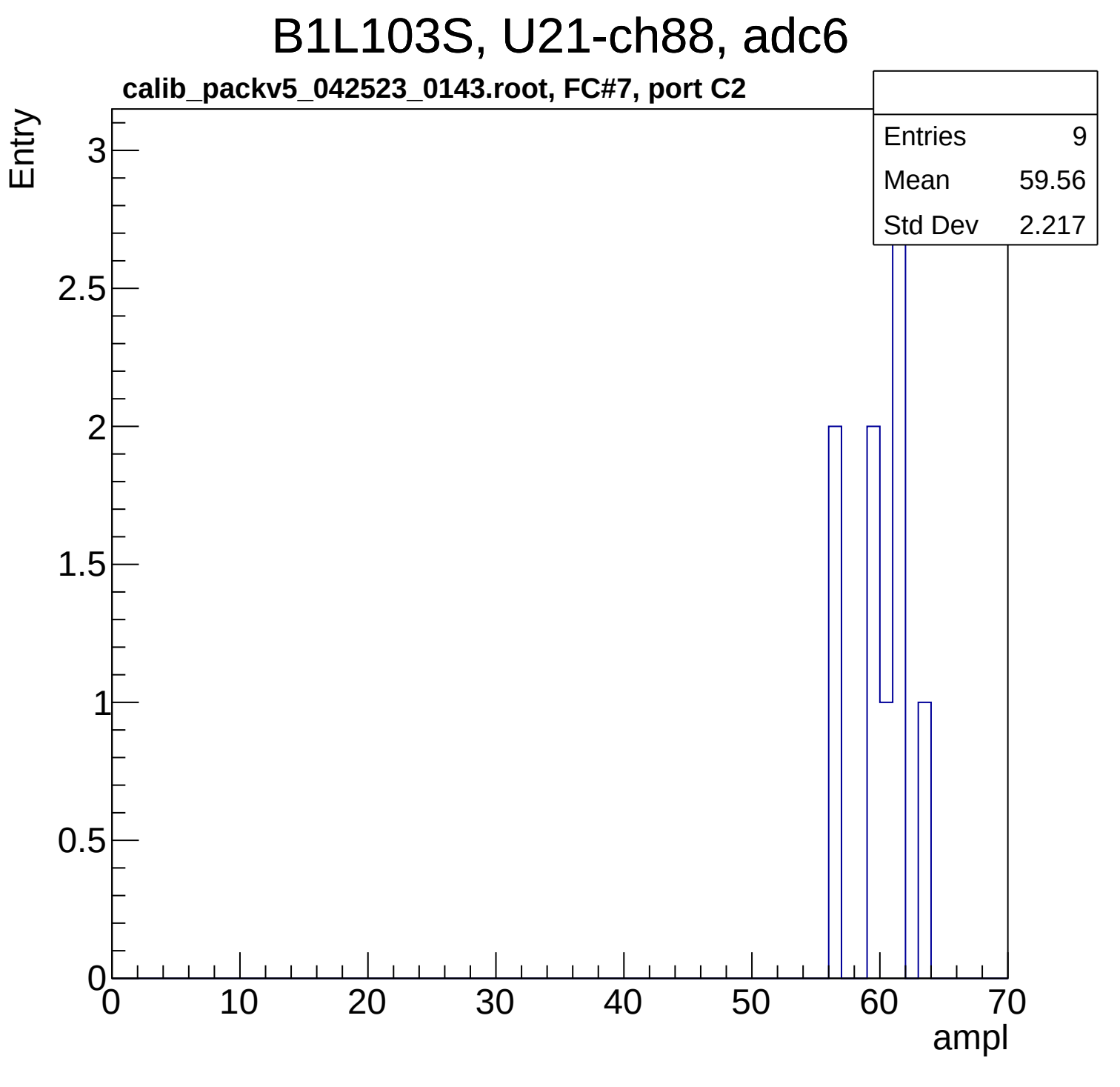
40
50
60
70


B1L103S, U21-ch88, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 9
Mean 59.56
Std Dev 2.217
Entry
ampl
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0.5
1
1.5
2
2.5
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60
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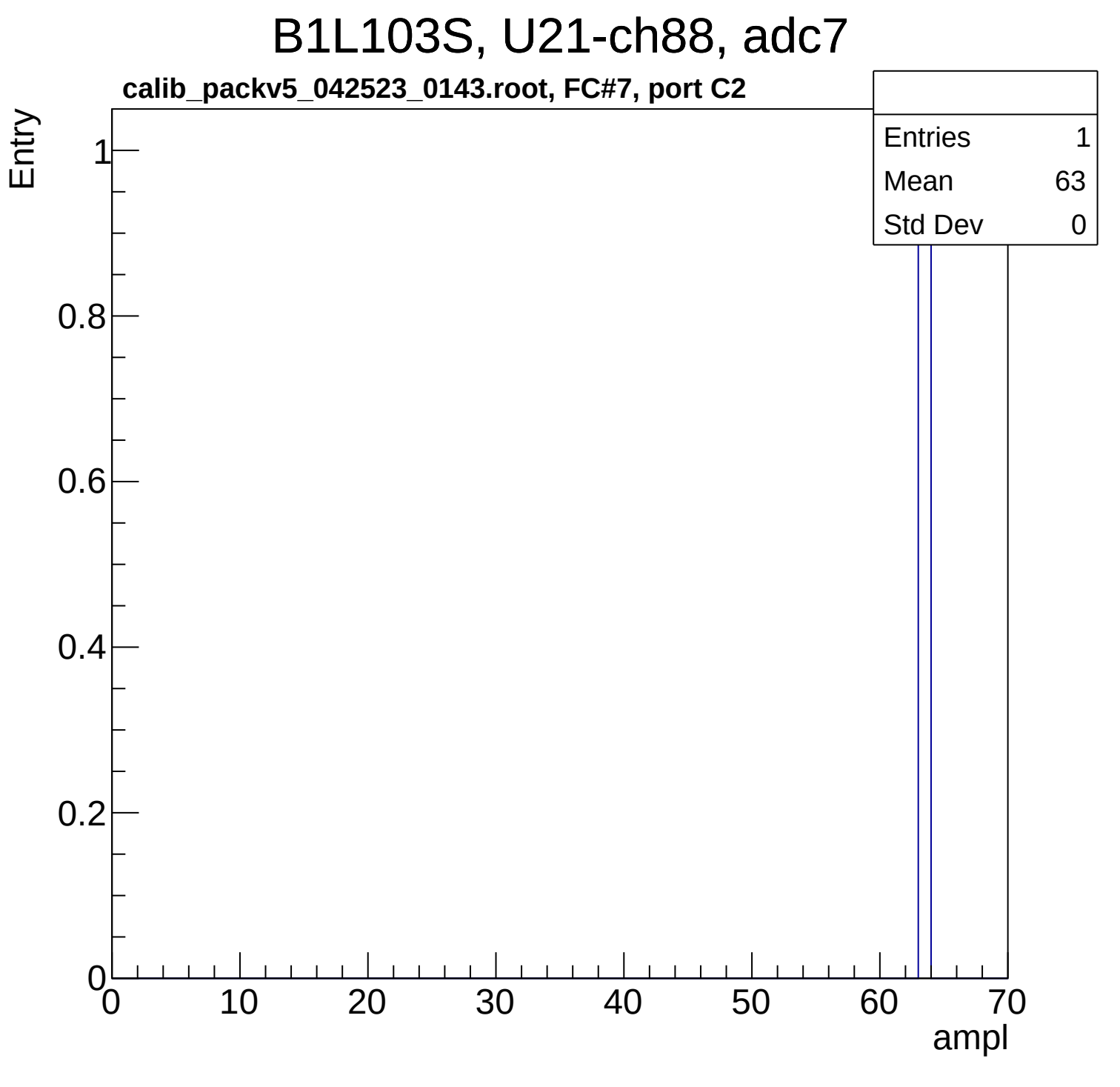
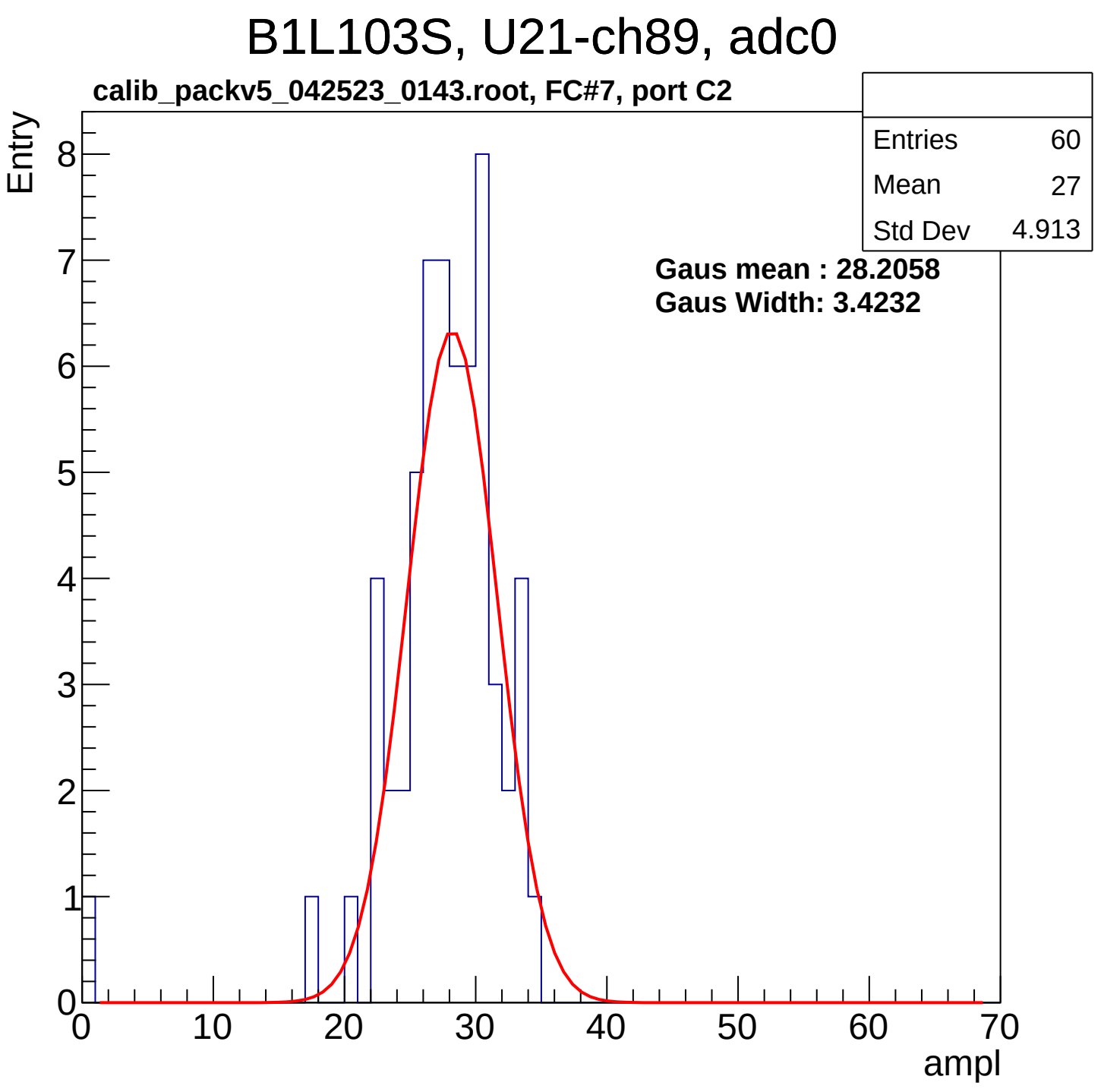

B1L103S, U21-ch88, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch89, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 27
Std Dev 4.913
Gaus mean : 28.2058
Gaus Width: 3.4232
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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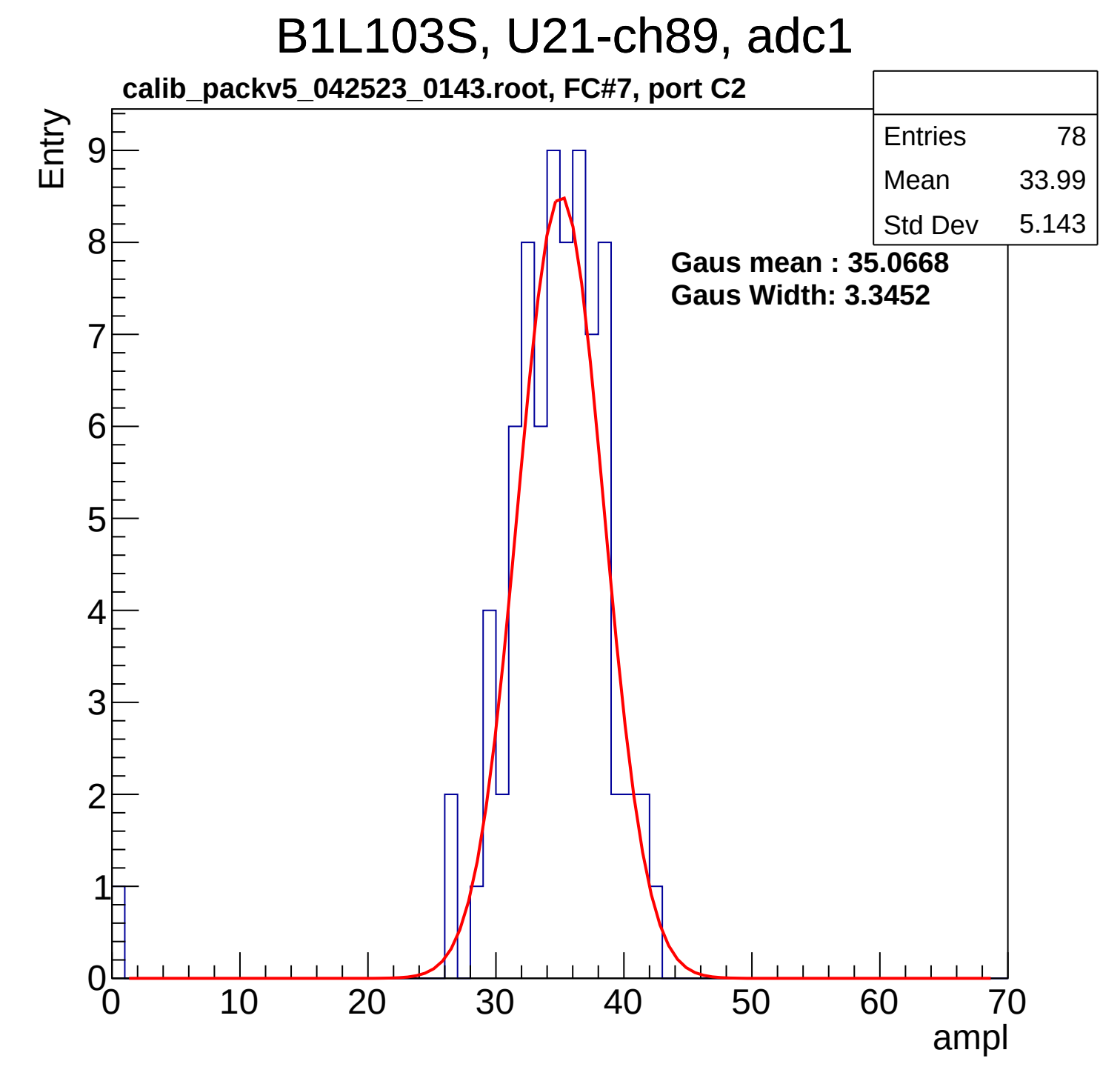
B1L103S, U21-ch89, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 78
Mean 33.99
Std Dev 5.143
Gaus mean : 35.0668
Gaus Width: 3.3452
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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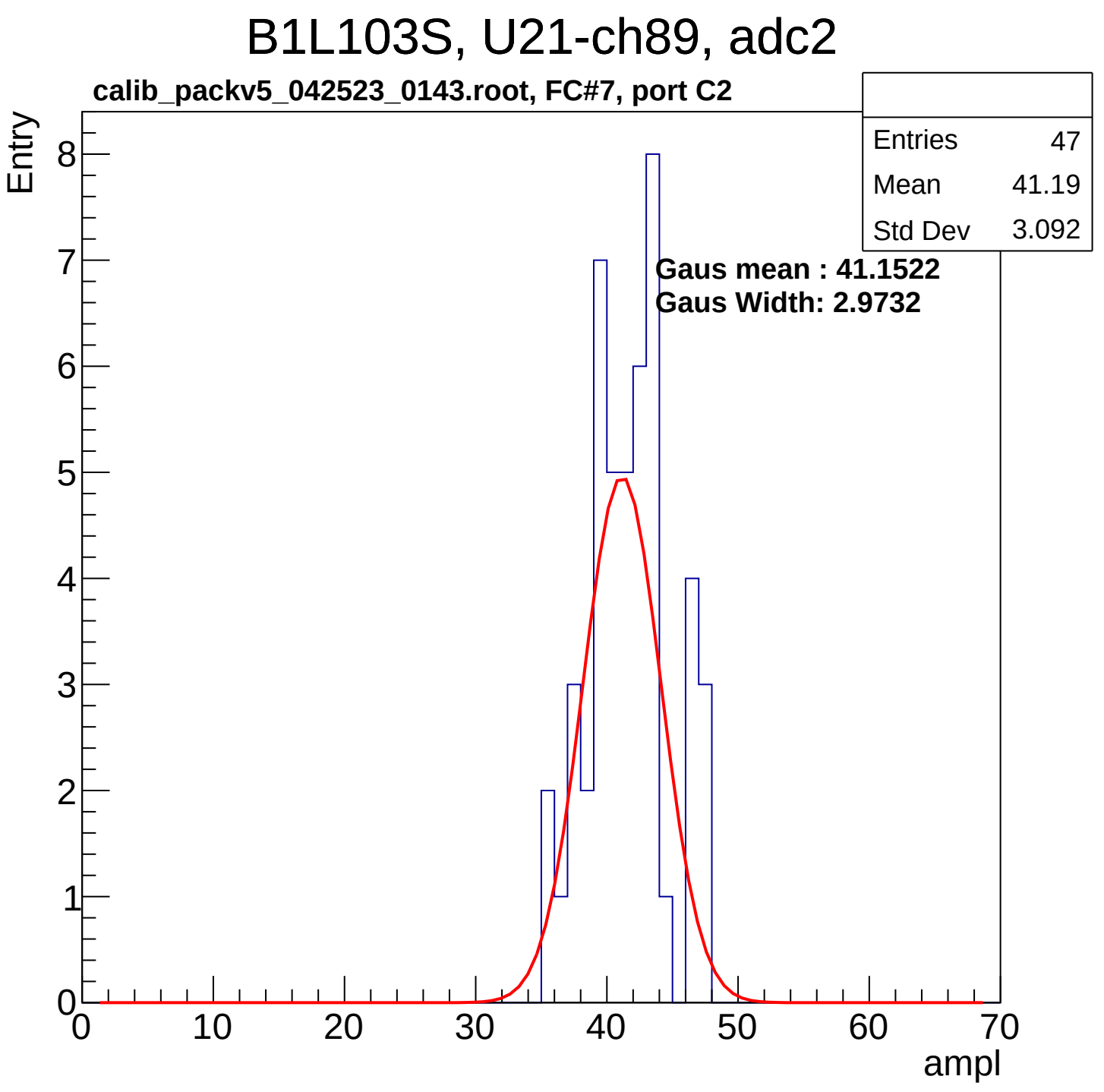
B1L103S, U21-ch89, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 47
Mean 41.19
Std Dev 3.092
Gaus mean : 41.1522
Gaus Width: 2.9732
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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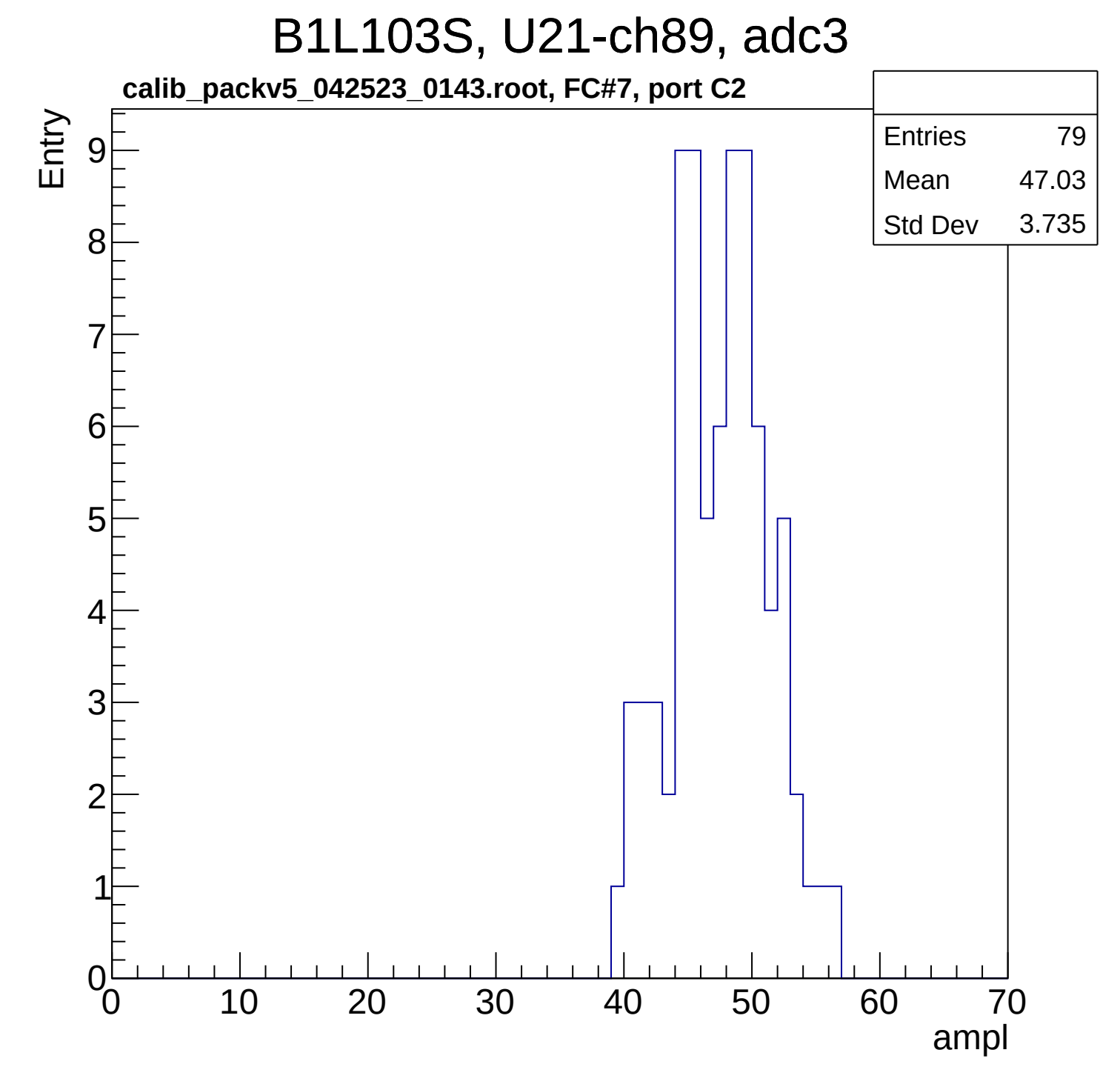
B1L103S, U21-ch89, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 79
Mean 47.03
Std Dev 3.735
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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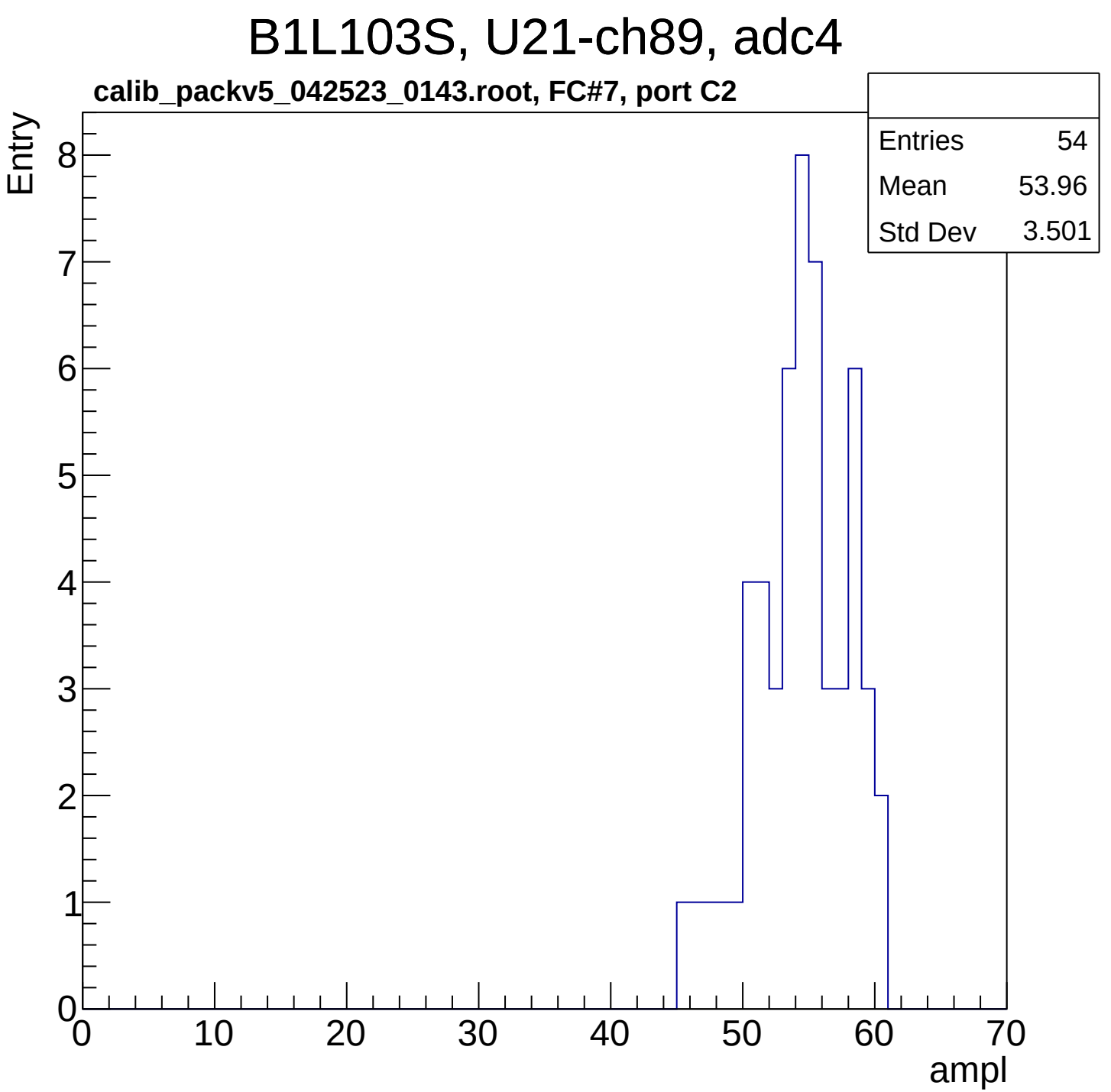
B1L103S, U21-ch89, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 53.96
Std Dev 3.501
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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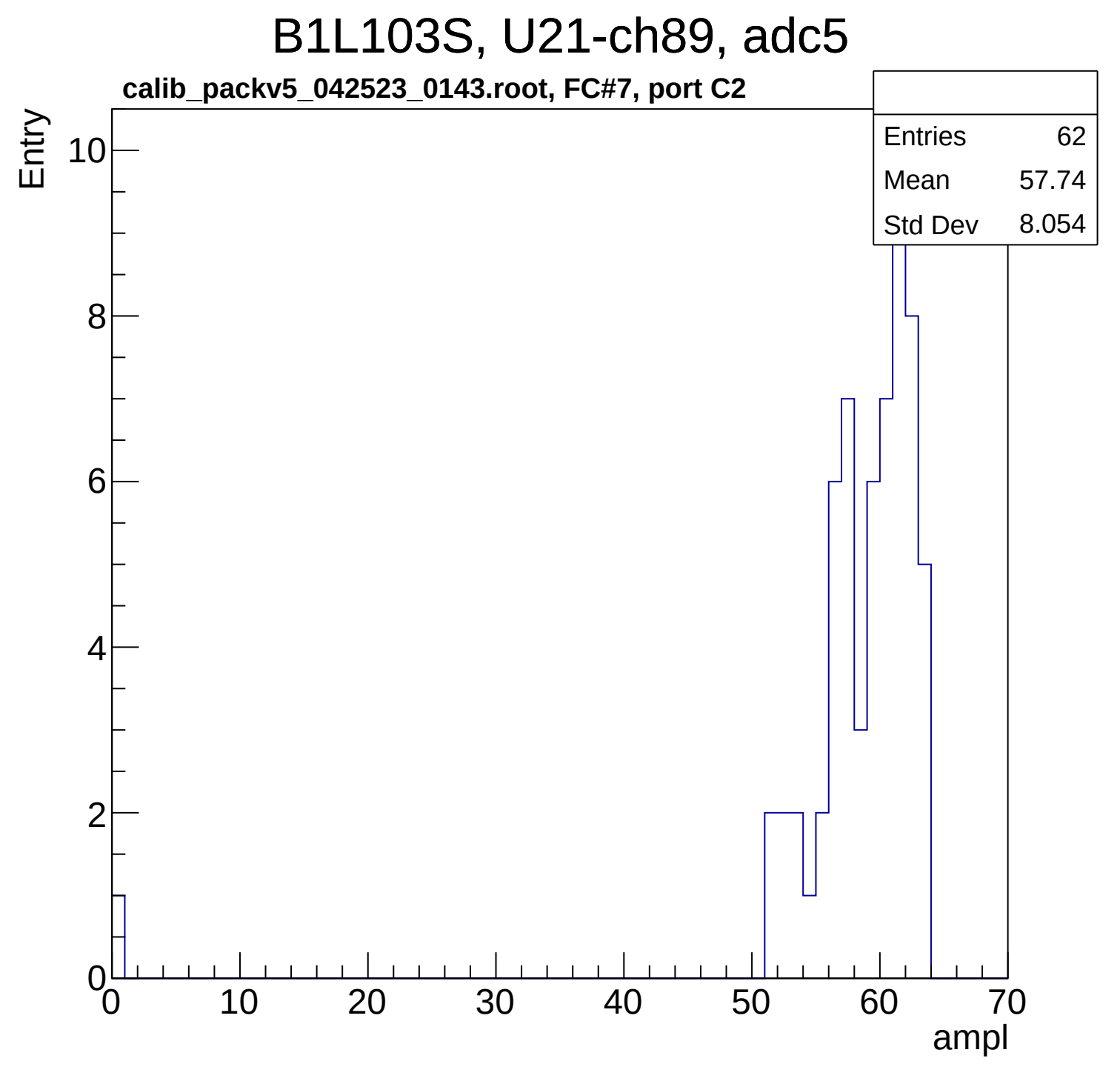
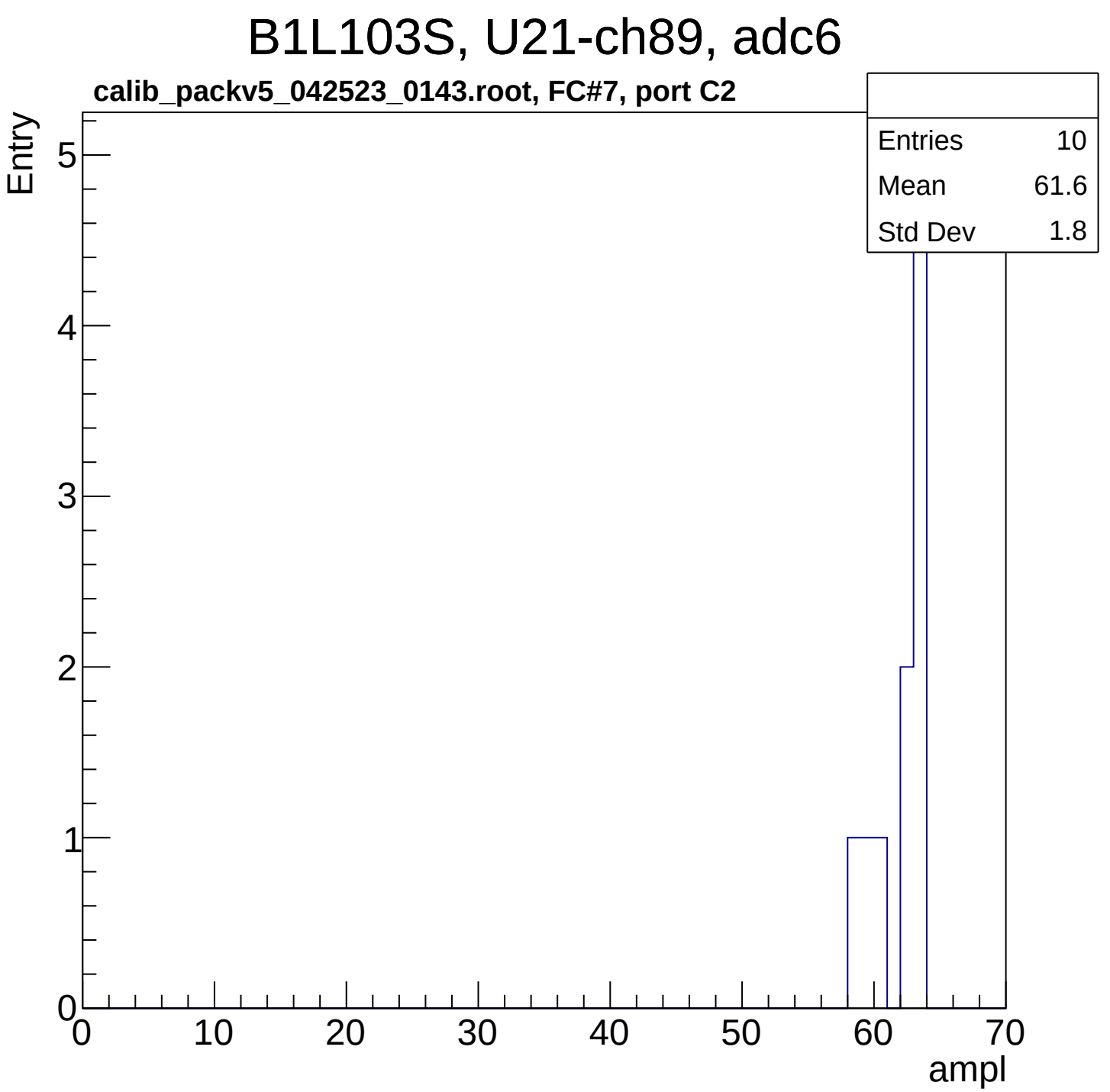
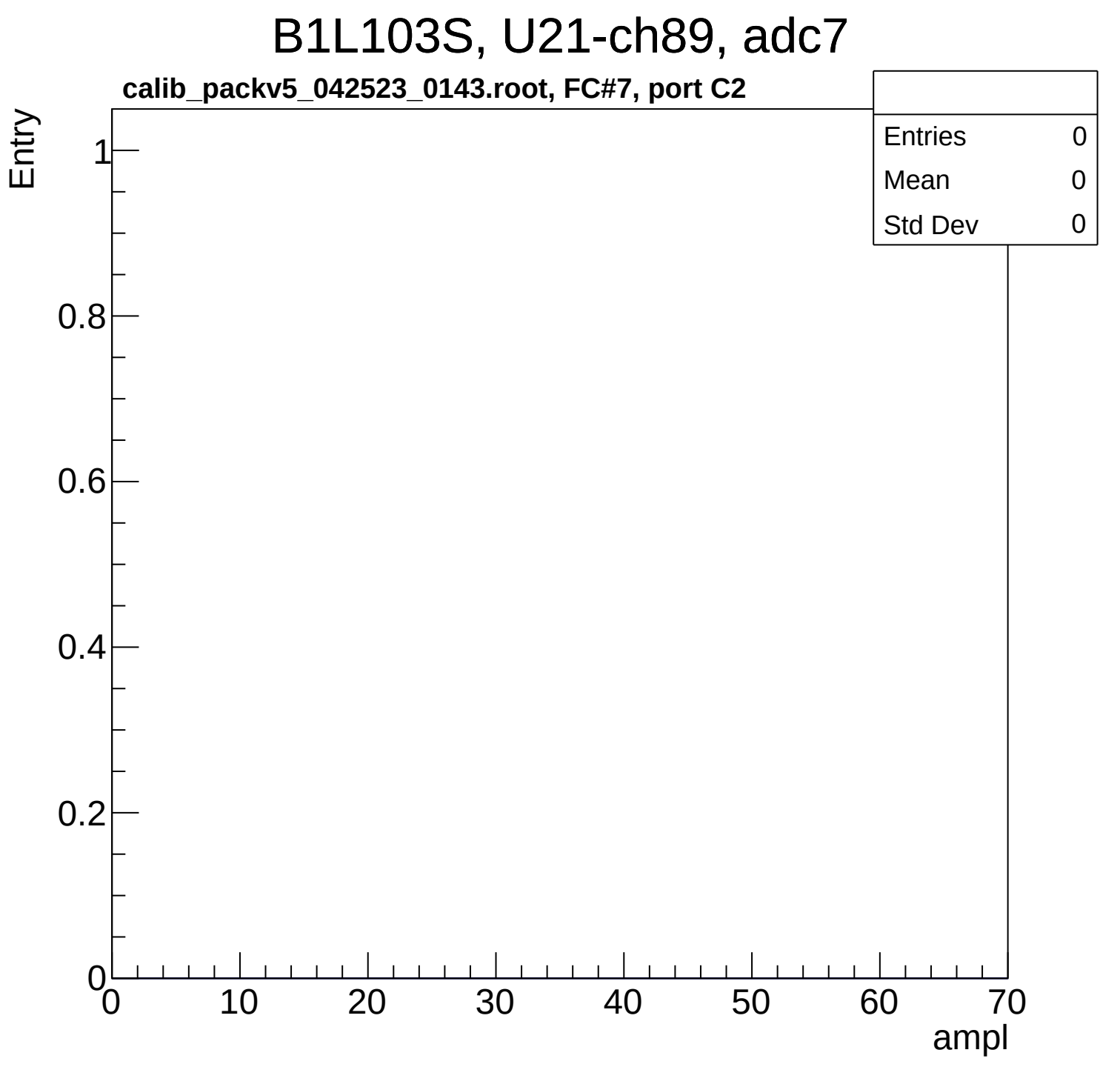
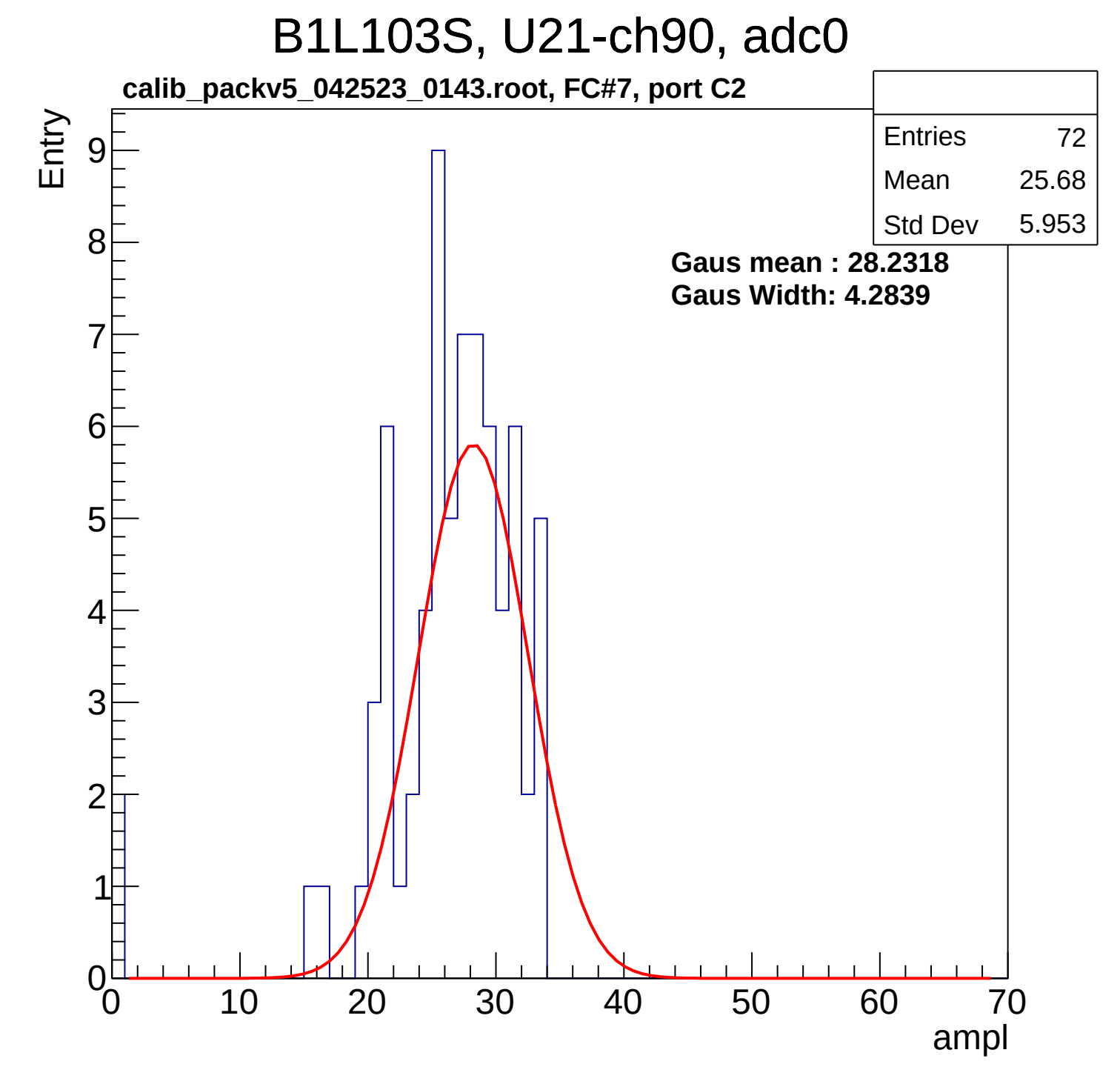
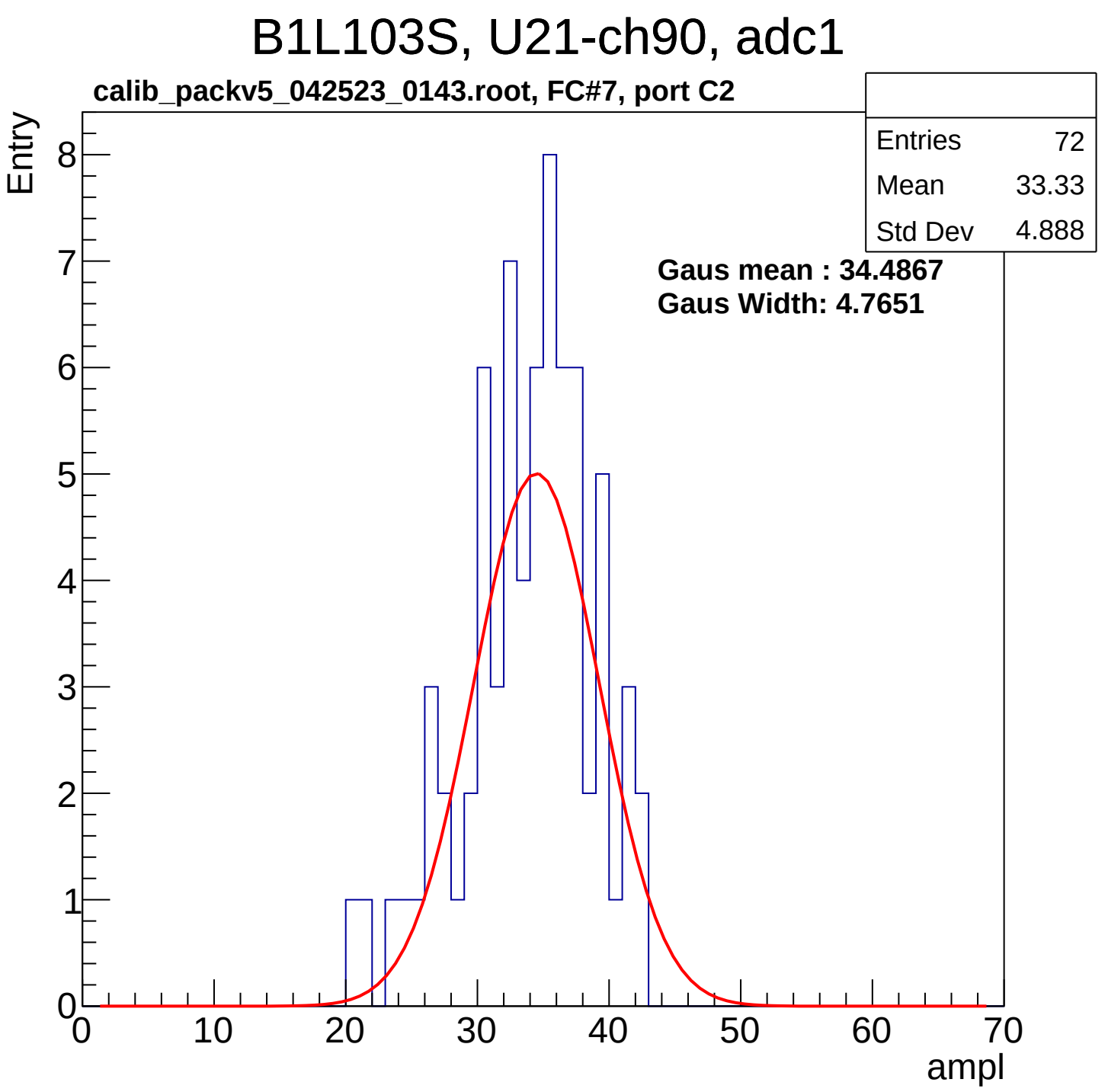

B1L103S, U21-ch89, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 57.74
Std Dev 8.054
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U21-ch89, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 10
Mean 61.6
Std Dev 1.8
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch89, 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, U21-ch90, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 25.68
Std Dev 5.953
Gaus mean : 28.2318
Gaus Width: 4.2839
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch90, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 33.33
Std Dev 4.888
Gaus mean : 34.4867
Gaus Width: 4.7651
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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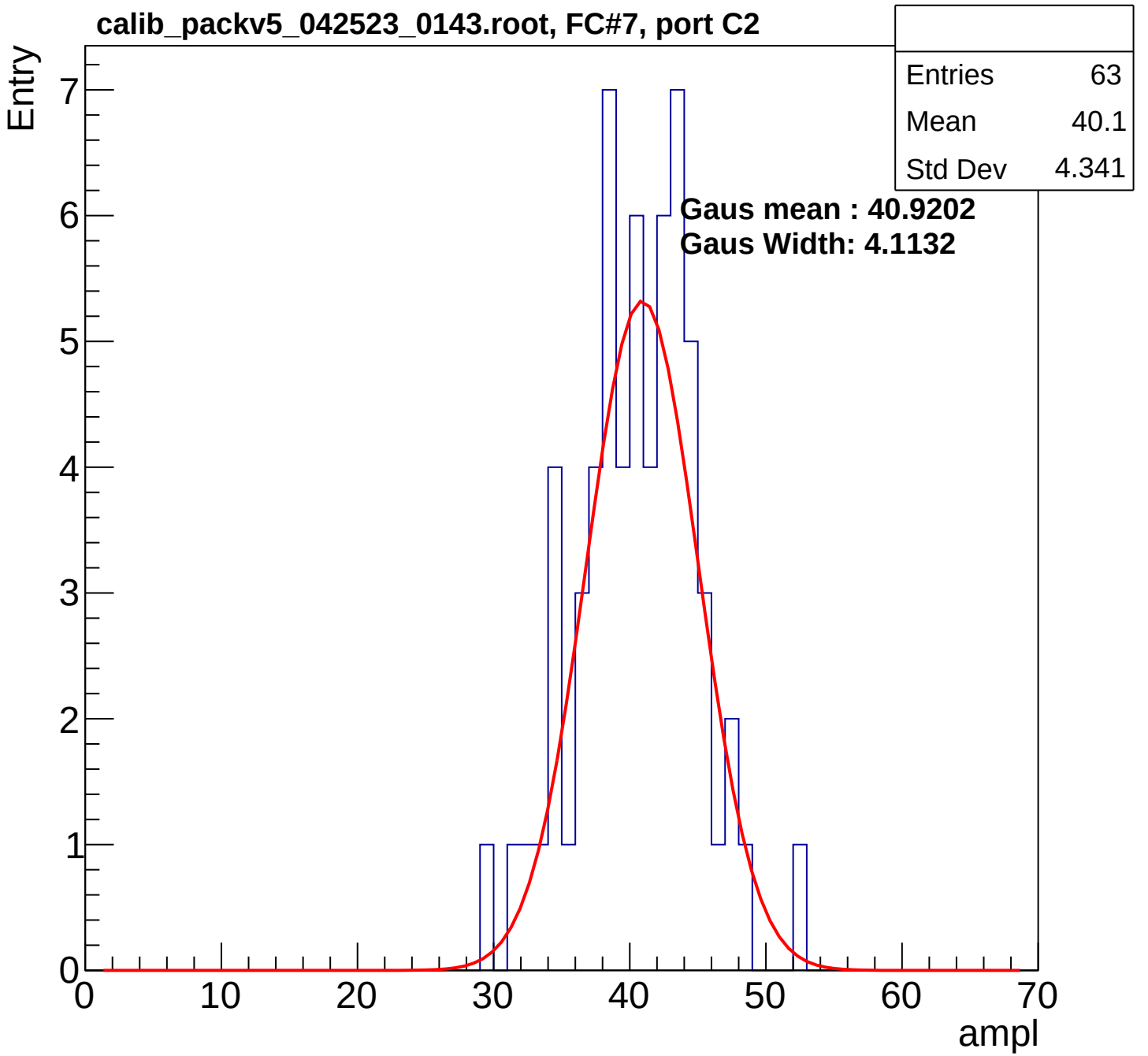
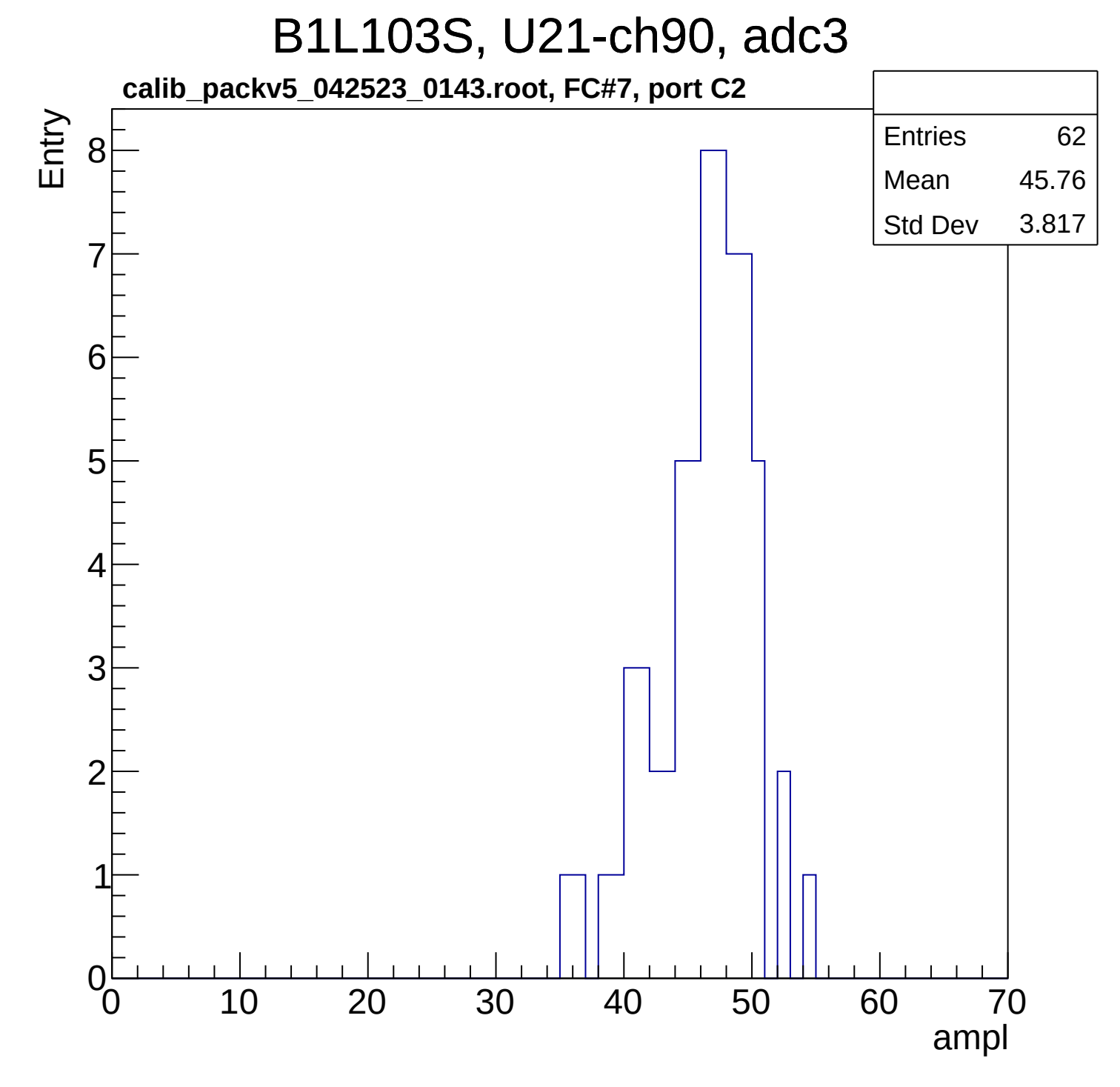
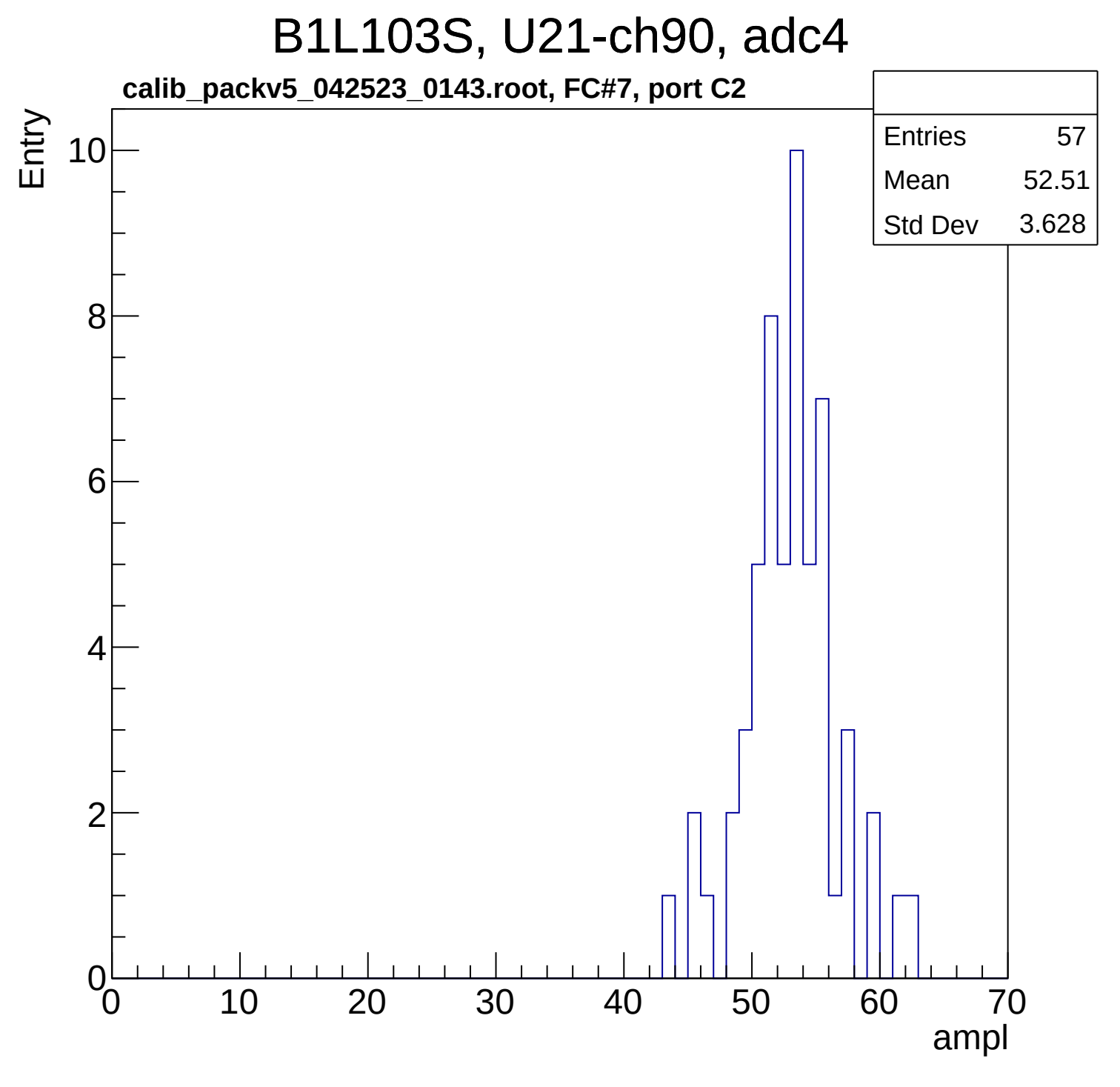
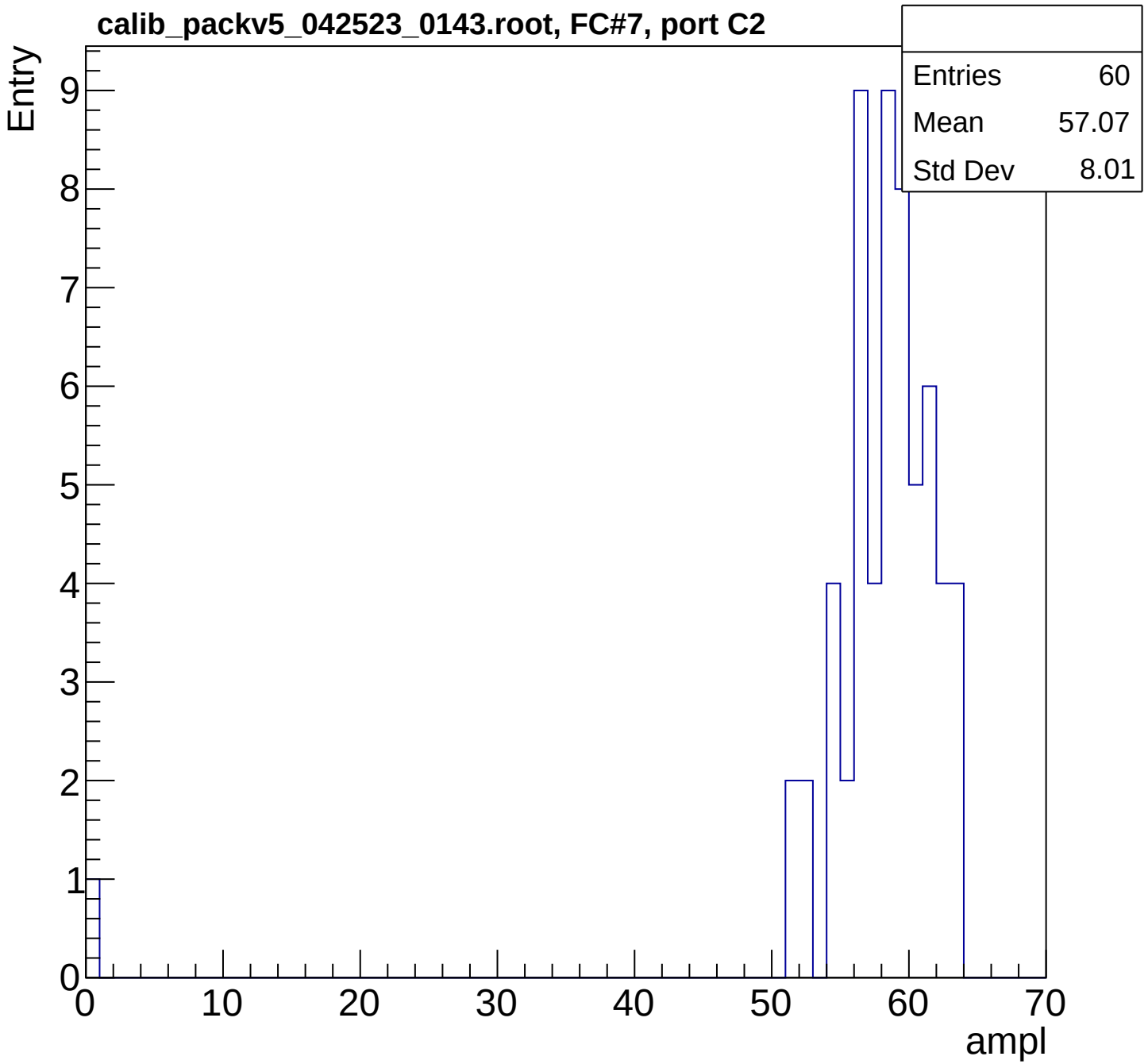

B1L103S, U21-ch90, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 40.1
Std Dev 4.341
Gaus mean : 40.9202
Gaus Width: 4.1132
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch90, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 45.76
Std Dev 3.817
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch90, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 52.51
Std Dev 3.628
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U21-ch90, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 57.07
Std Dev 8.01
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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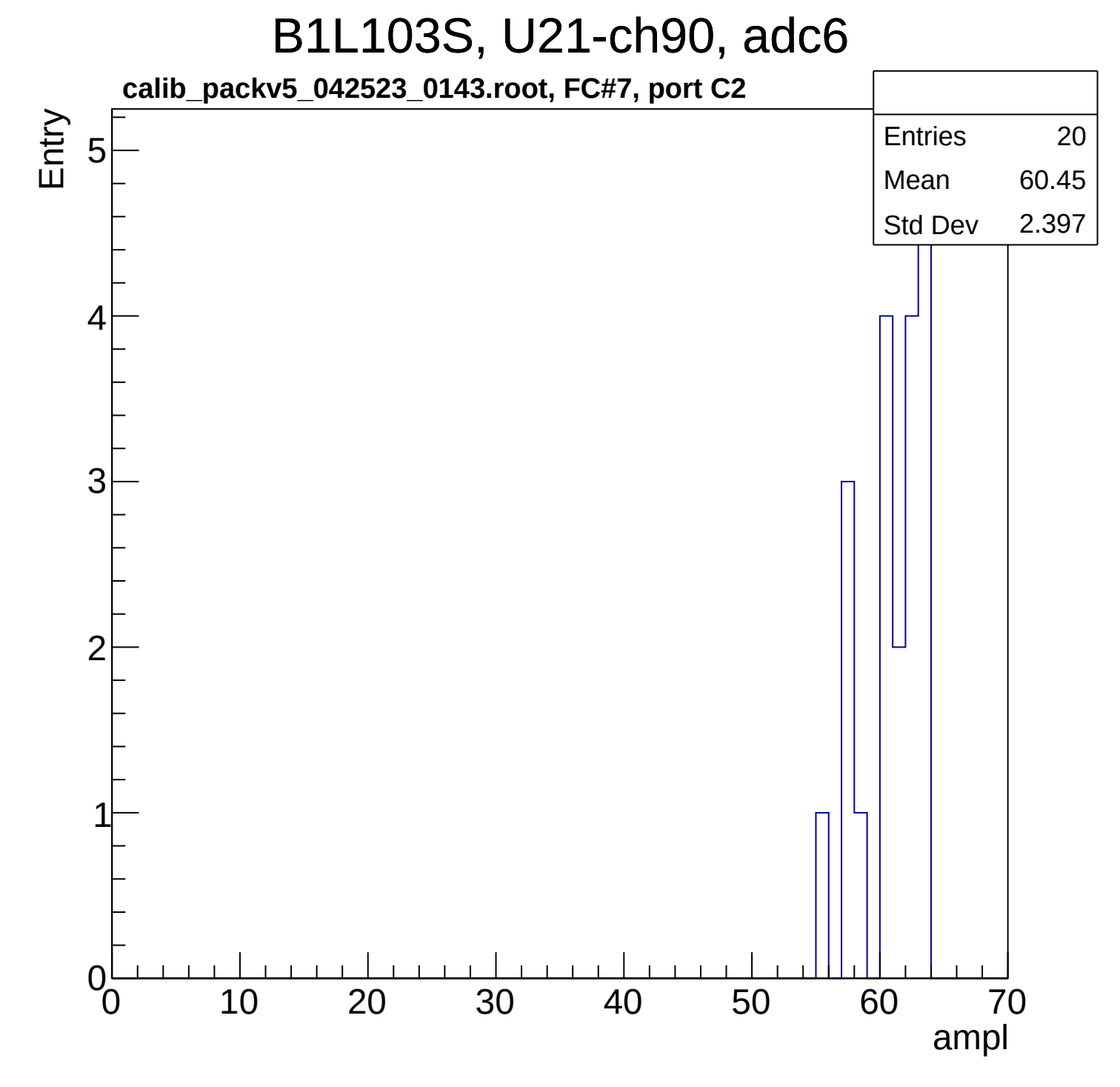
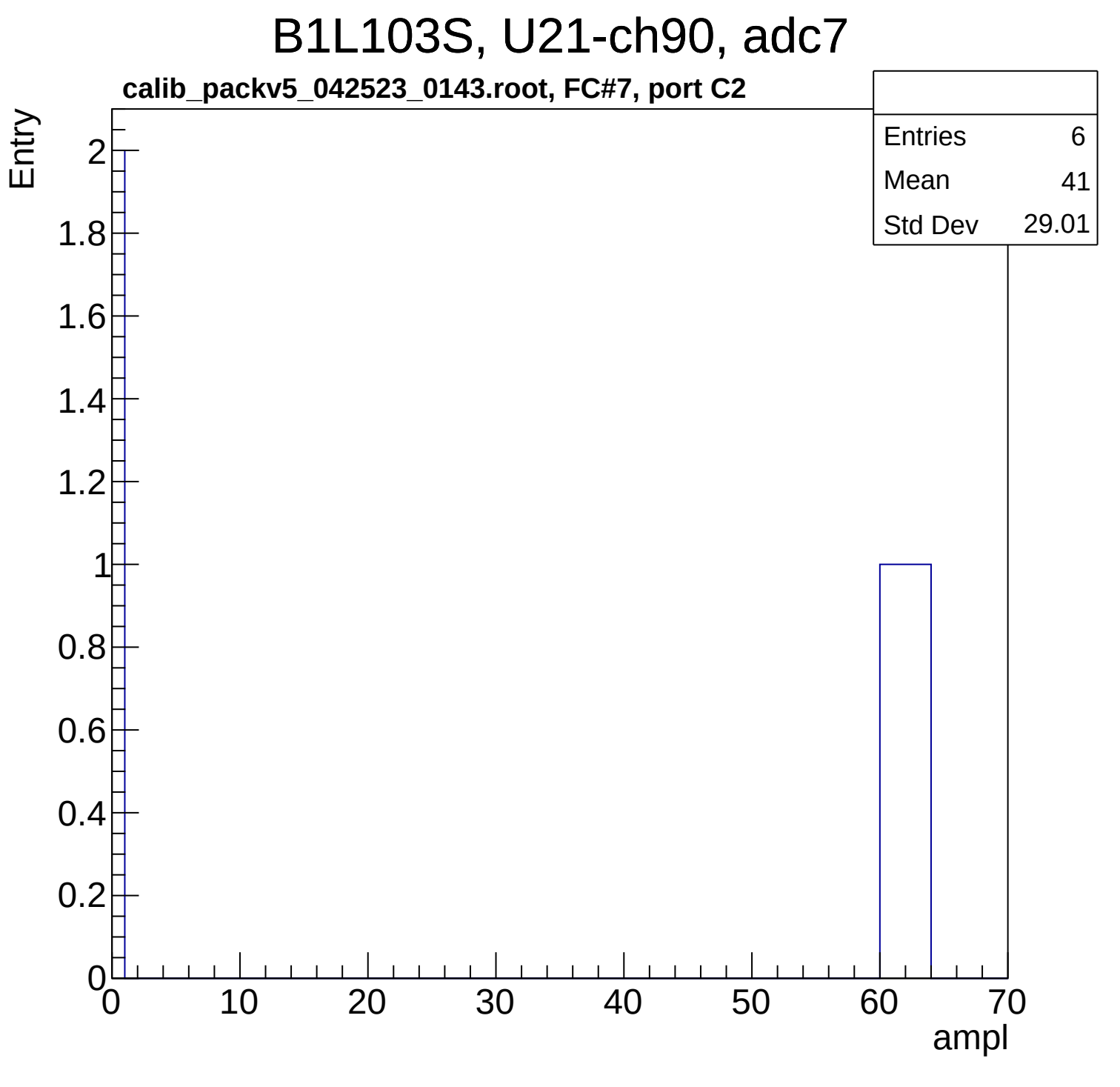
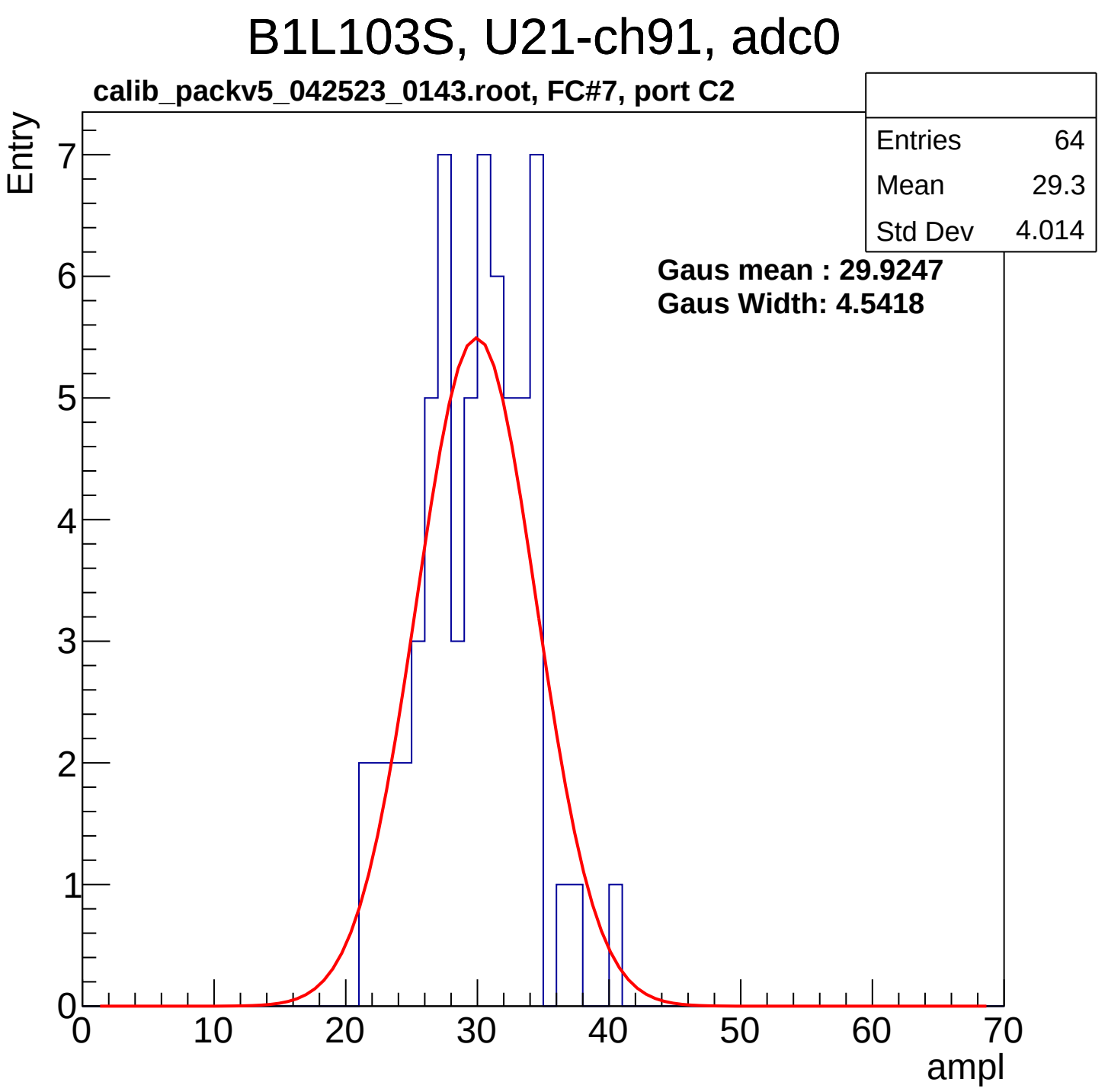

B1L103S, U21-ch90, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 20
Mean 60.45
Std Dev 2.397
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch90, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 6
Mean 41
Std Dev 29.01
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, U21-ch91, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 29.3
Std Dev 4.014
Gaus mean : 29.9247
Gaus Width: 4.5418
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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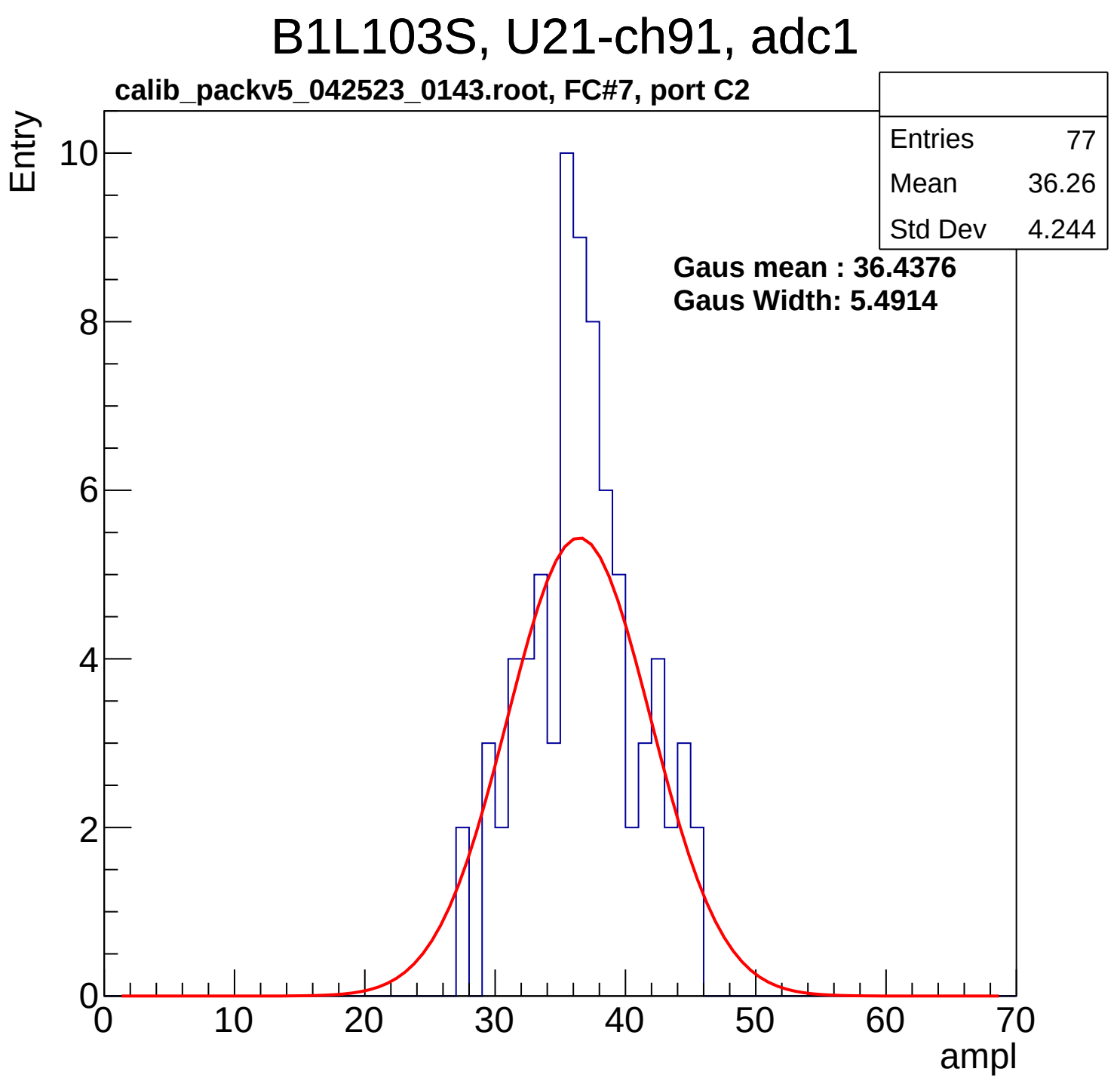
B1L103S, U21-ch91, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 77
Mean 36.26
Std Dev 4.244
Gaus mean : 36.4376
Gaus Width: 5.4914
Entry
ampl
0
2
4
6
8
10
0
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20
30
40
50
60
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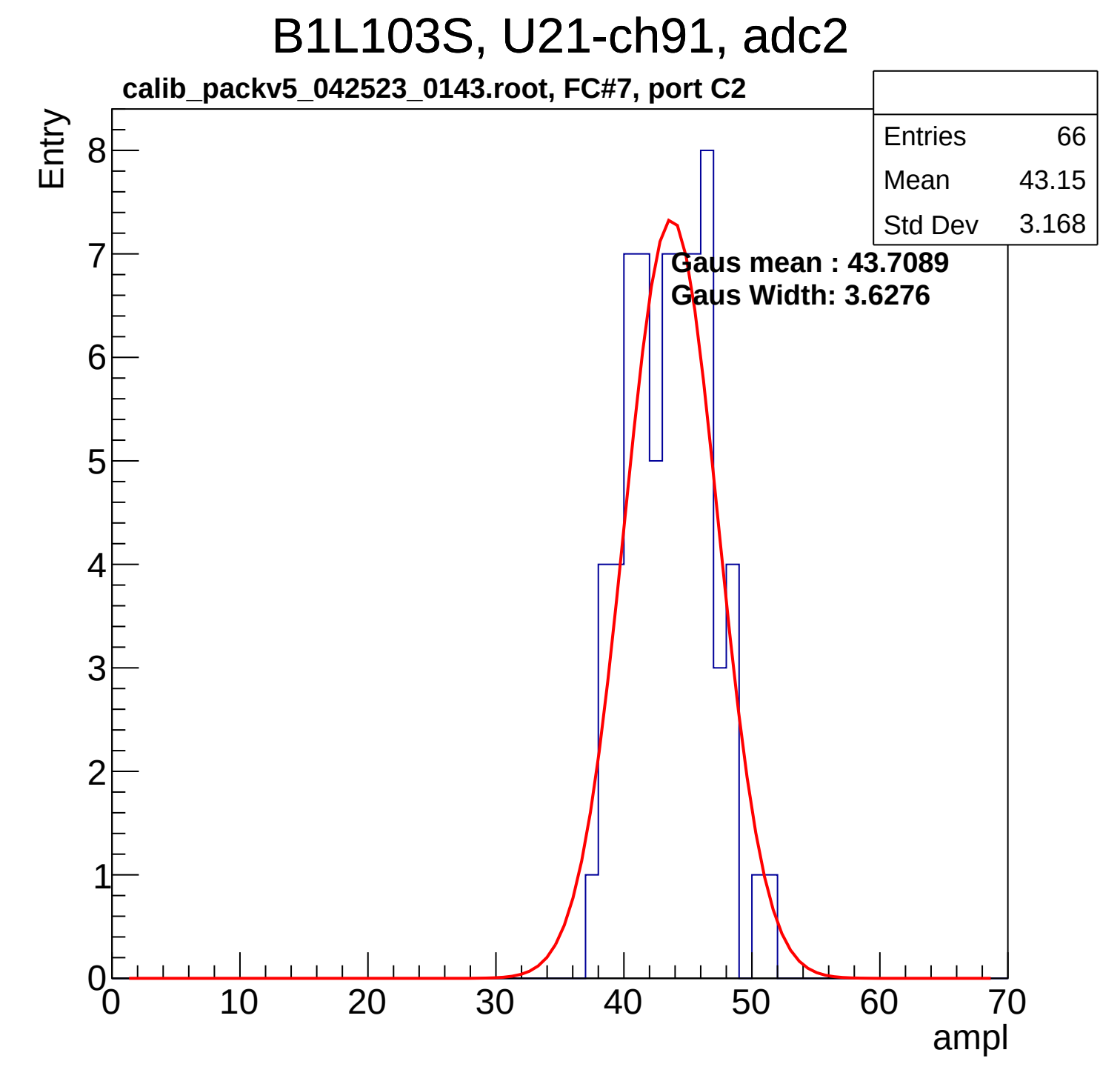
B1L103S, U21-ch91, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 43.15
Std Dev 3.168
Gaus mean : 43.7089
Gaus Width: 3.6276
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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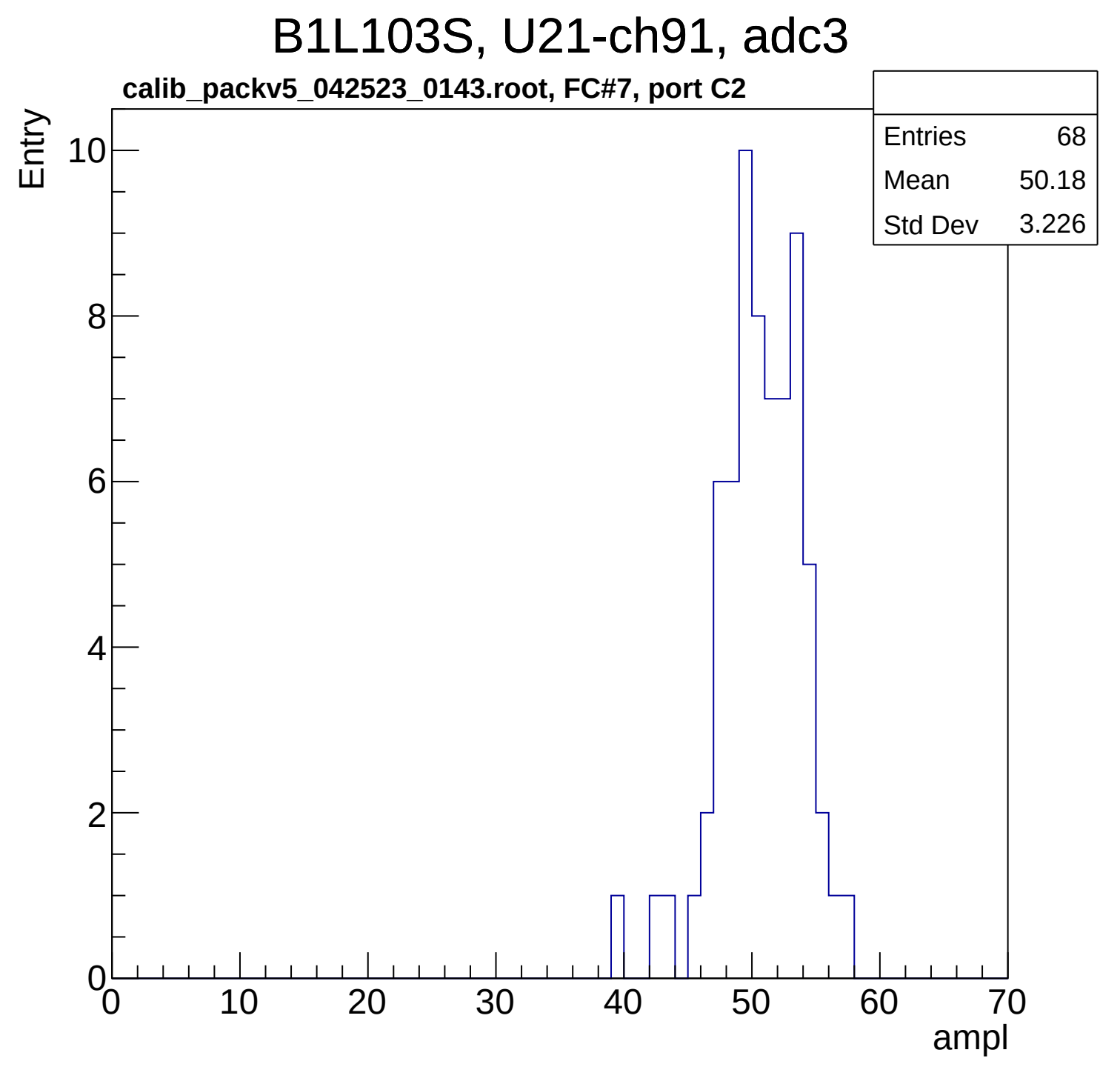
B1L103S, U21-ch91, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 50.18
Std Dev 3.226
Entry
ampl
0
2
4
6
8
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0
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20
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40
50
60
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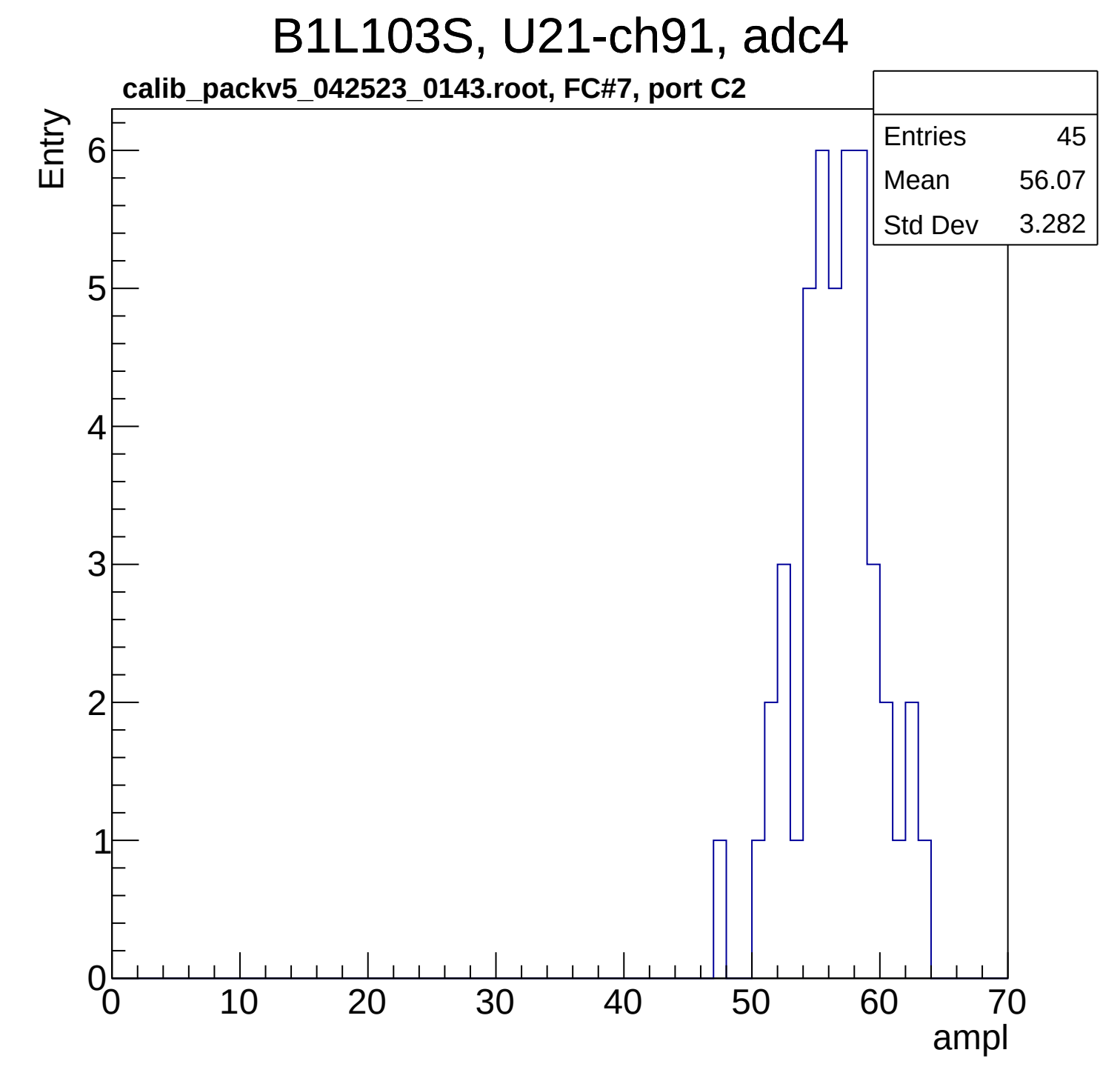
B1L103S, U21-ch91, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 45
Mean 56.07
Std Dev 3.282
Entry
ampl
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3
4
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0
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20
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40
50
60
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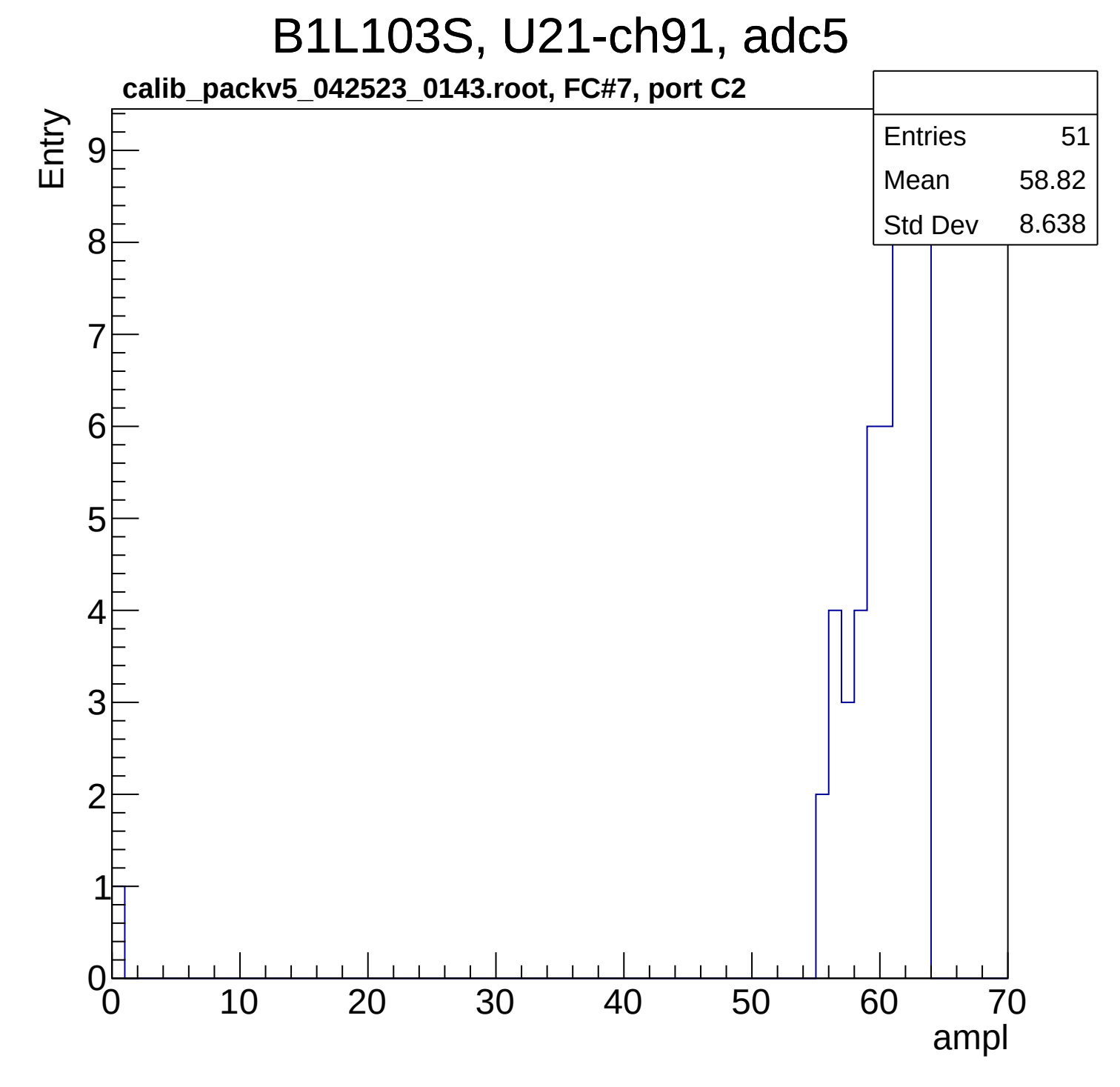
B1L103S, U21-ch91, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 58.82
Std Dev 8.638
Entry
ampl
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4
5
6
7
8
9
0
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40
50
60
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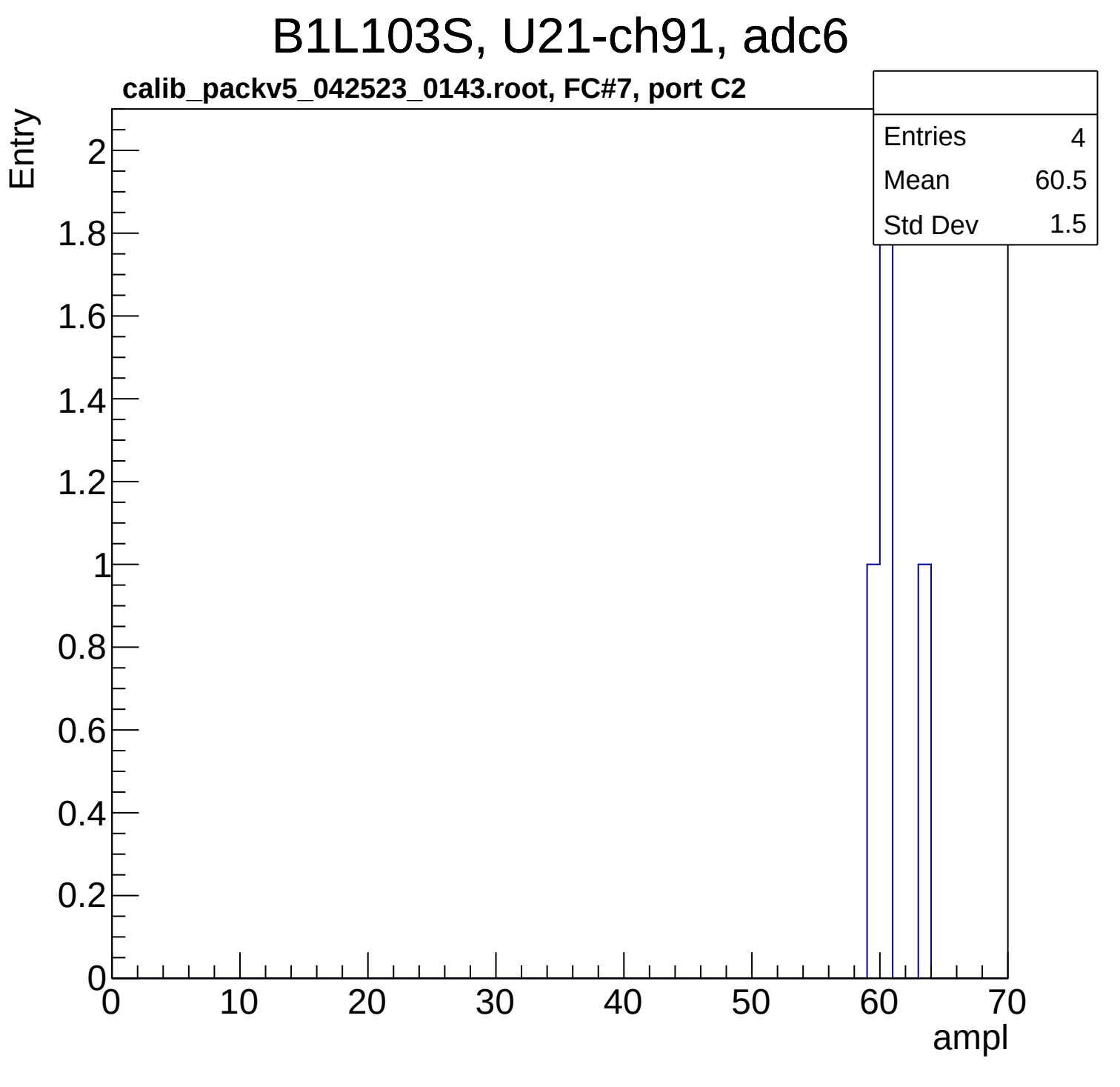
B1L103S, U21-ch91, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 4
Mean 60.5
Std Dev 1.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
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40
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60
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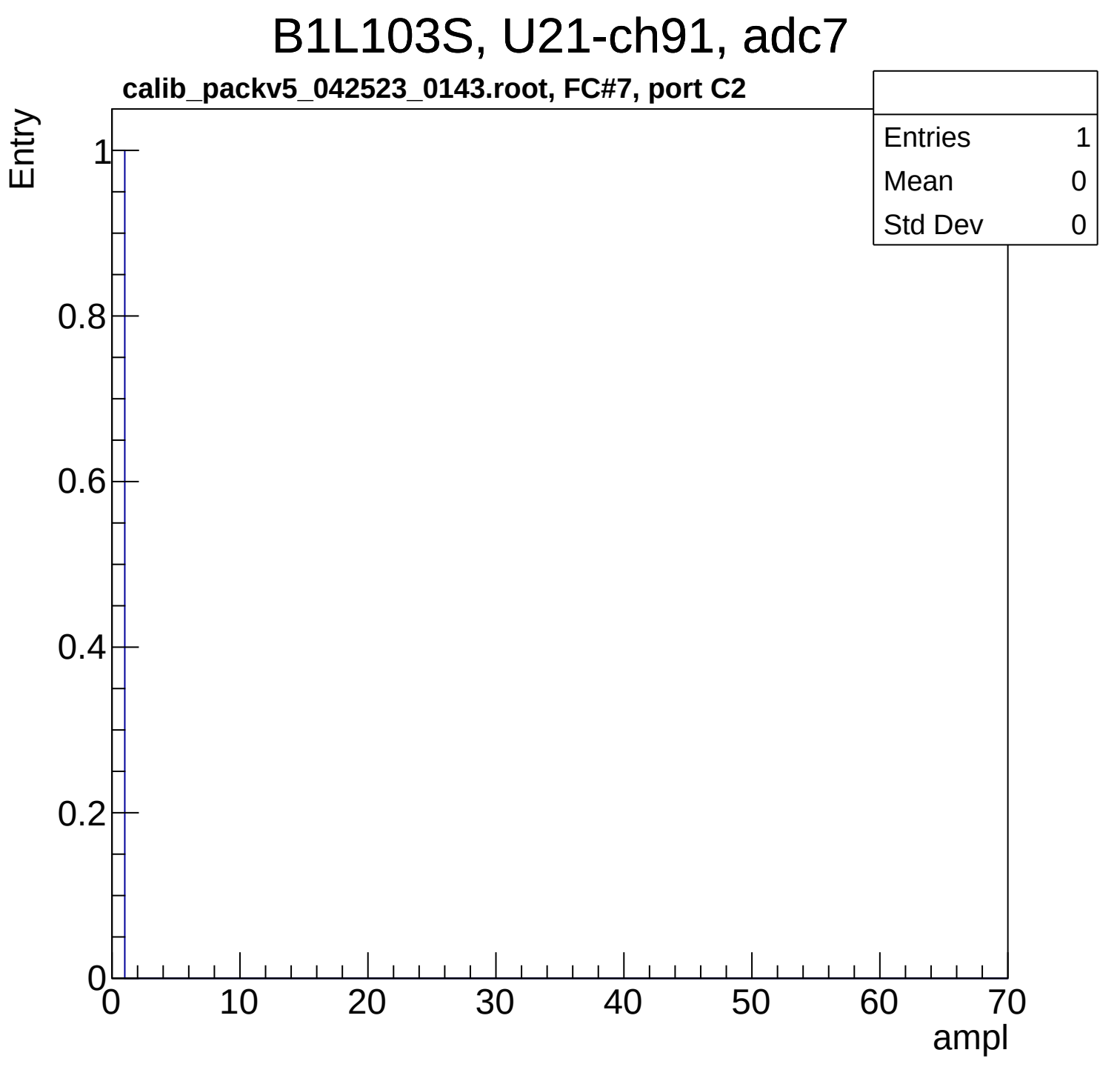
B1L103S, U21-ch91, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
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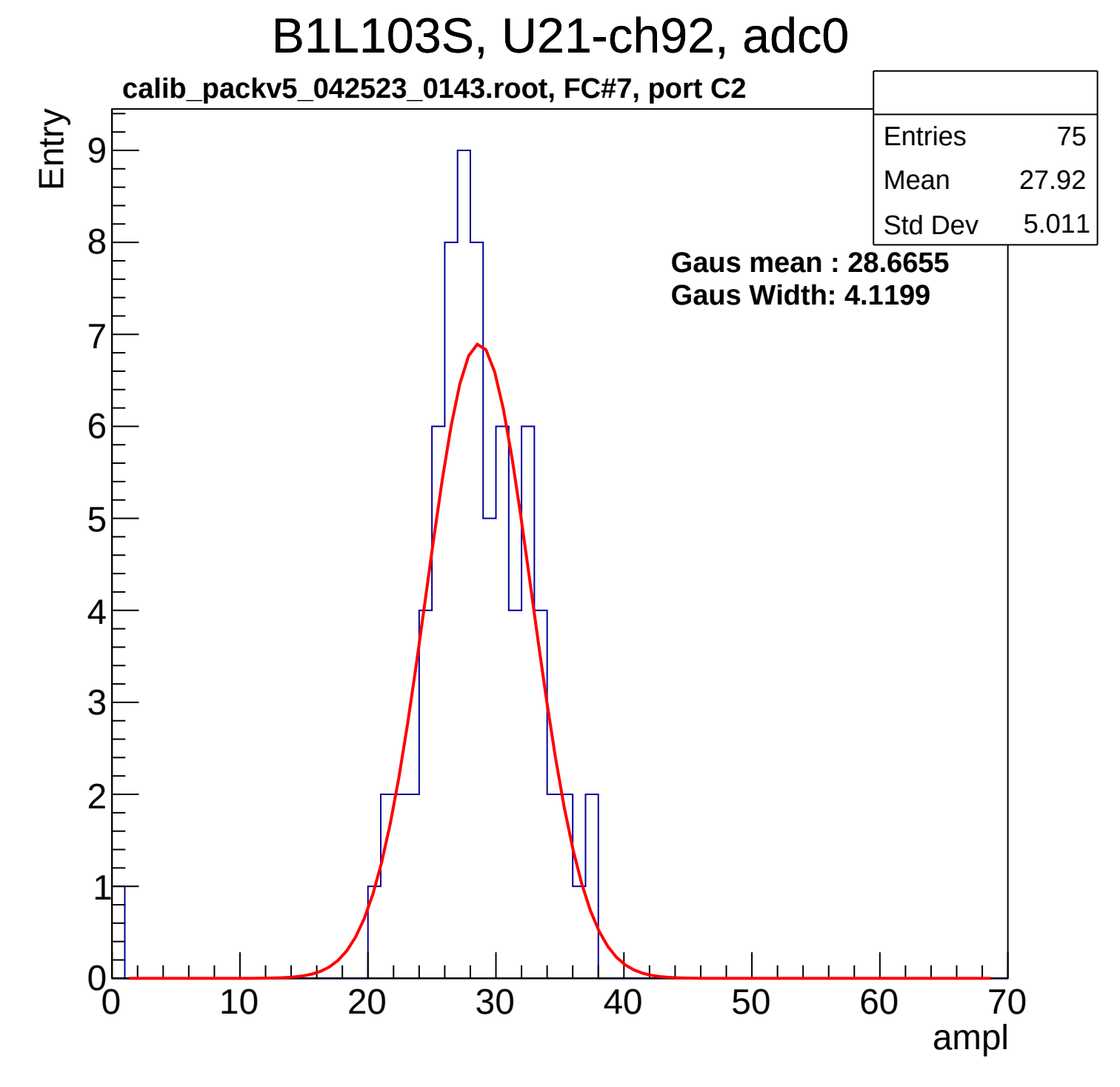
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch92, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 75
Mean 27.92
Std Dev 5.011
Gaus mean : 28.6655
Gaus Width: 4.1199
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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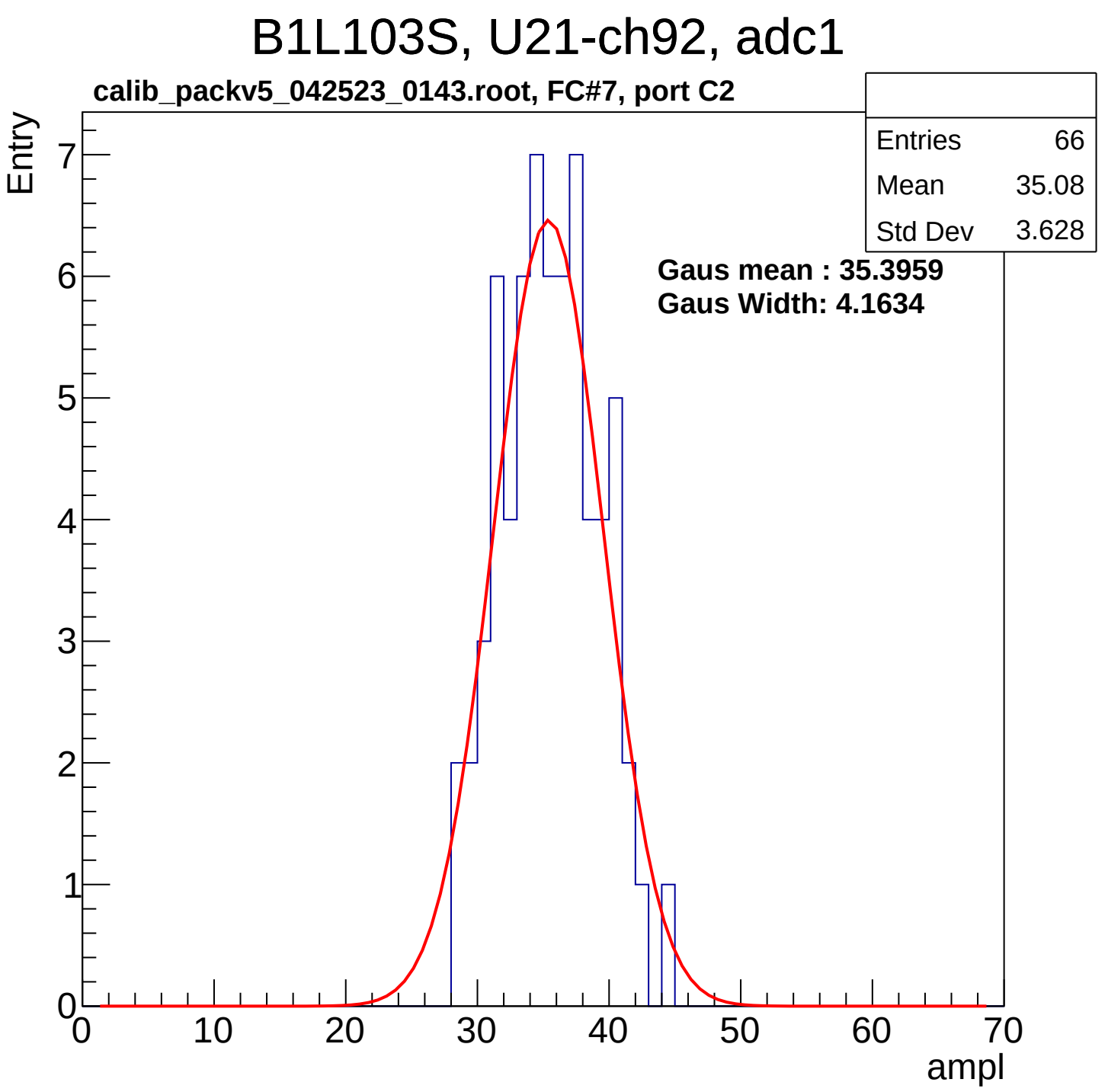
B1L103S, U21-ch92, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 35.08
Std Dev 3.628
Gaus mean : 35.3959
Gaus Width: 4.1634
Entry
ampl
0
1
2
3
4
5
6
7
0
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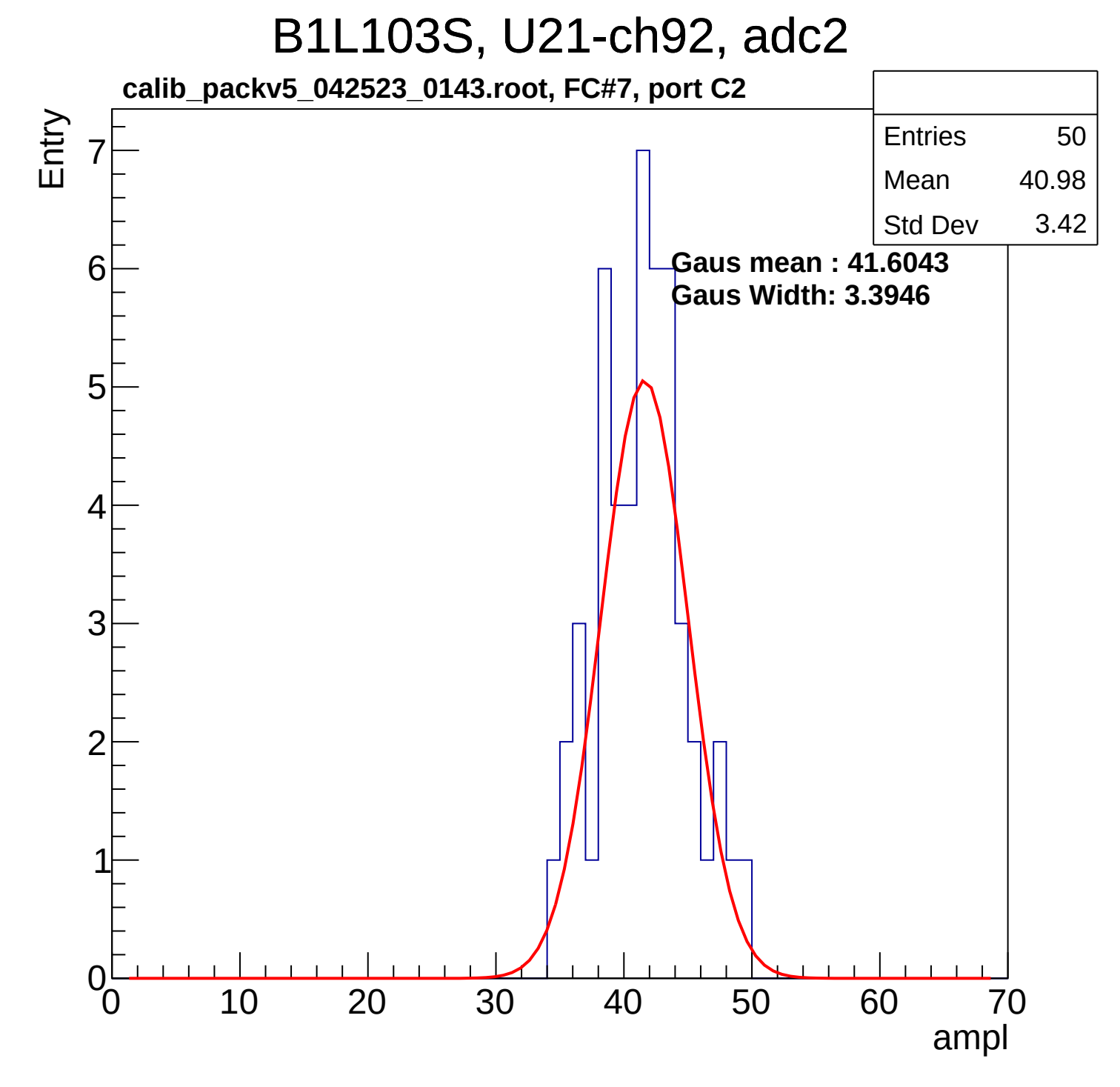
B1L103S, U21-ch92, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 50
Mean 40.98
Std Dev 3.42
Gaus mean : 41.6043
Gaus Width: 3.3946
Entry
ampl
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2
3
4
5
6
7
0
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60
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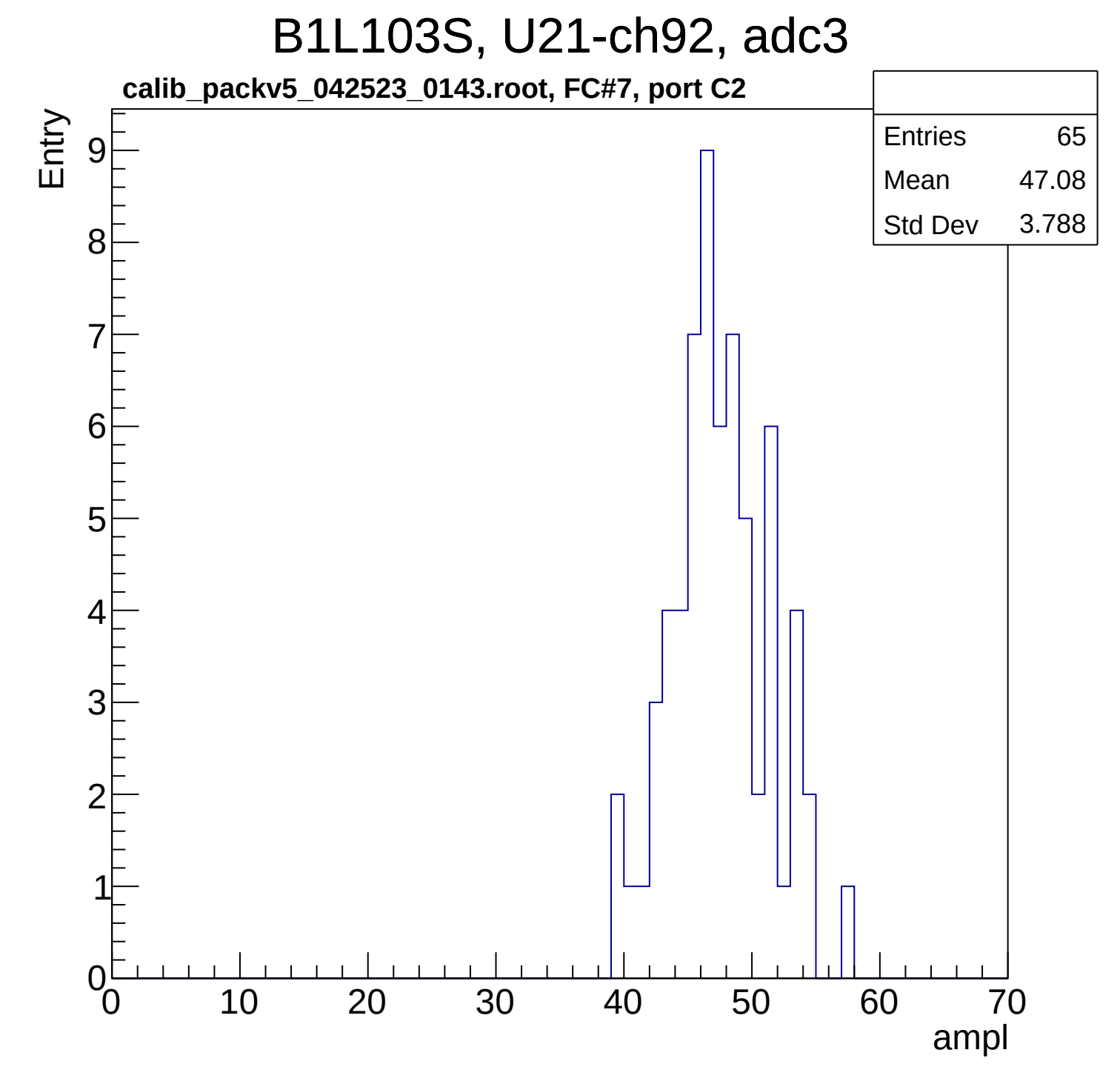
B1L103S, U21-ch92, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 47.08
Std Dev 3.788
Entry
ampl
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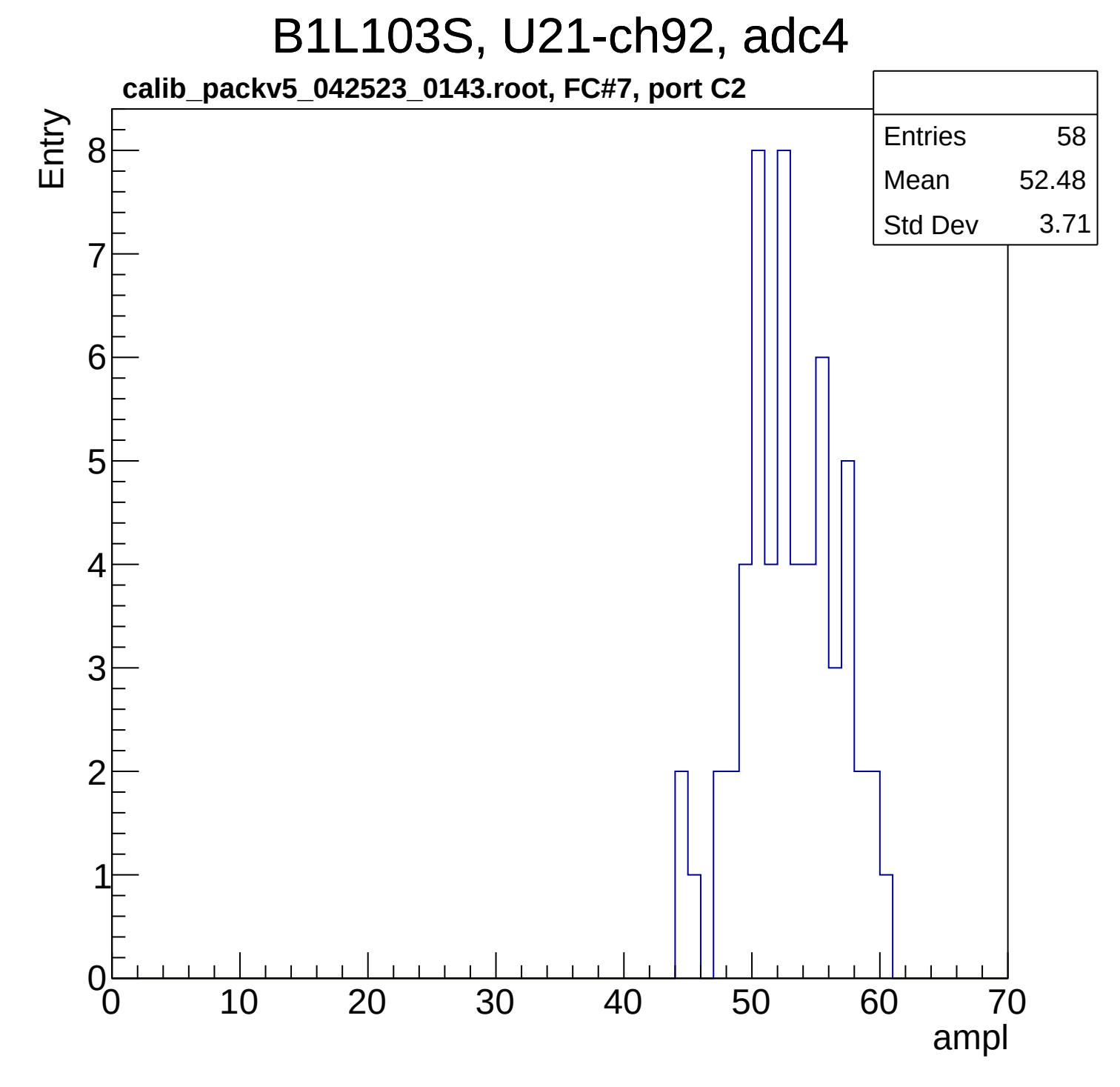
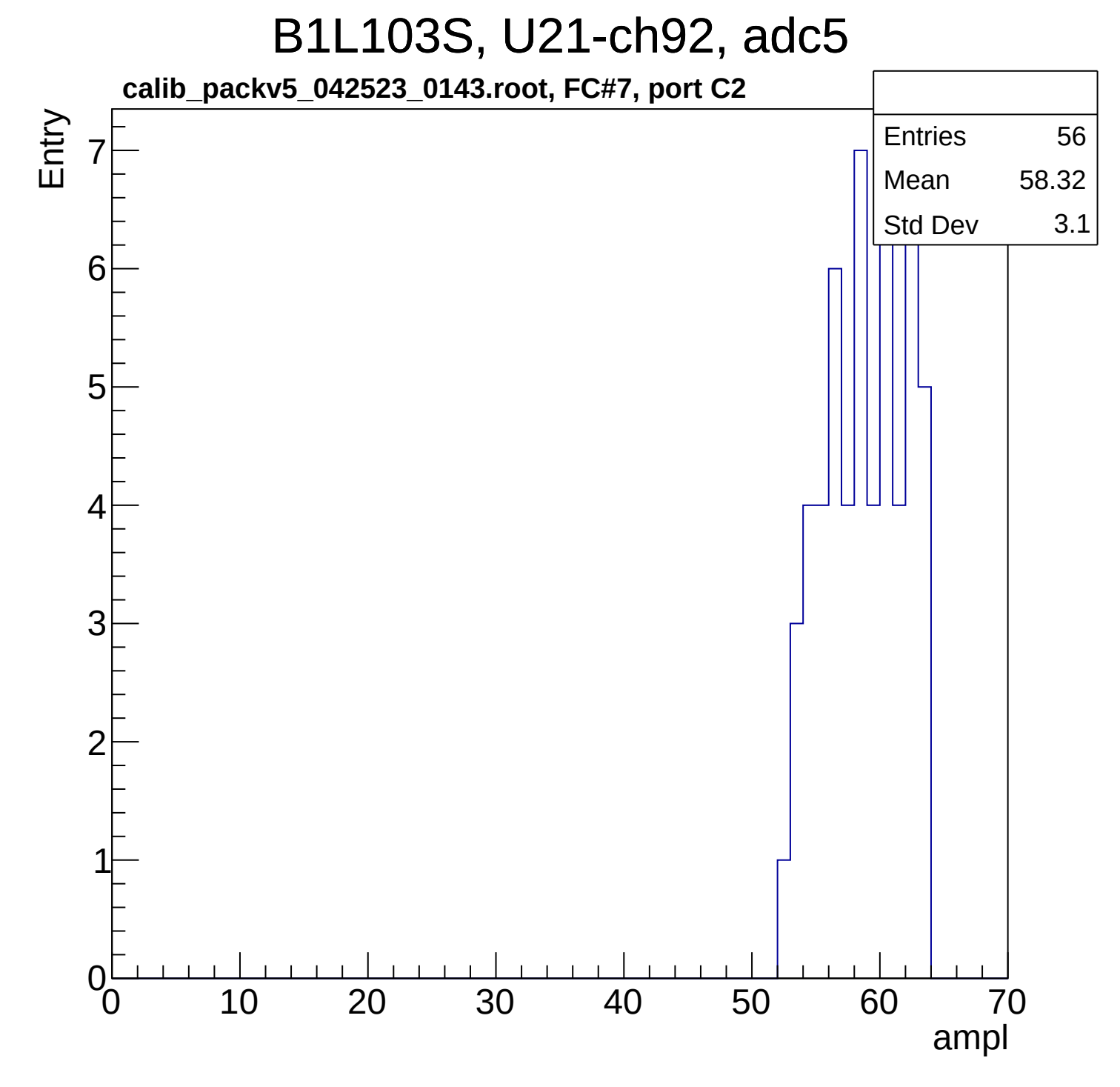

B1L103S, U21-ch92, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 52.48
Std Dev 3.71
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch92, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 58.32
Std Dev 3.1
Entry
ampl
0
1
2
3
4
5
6
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0
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60
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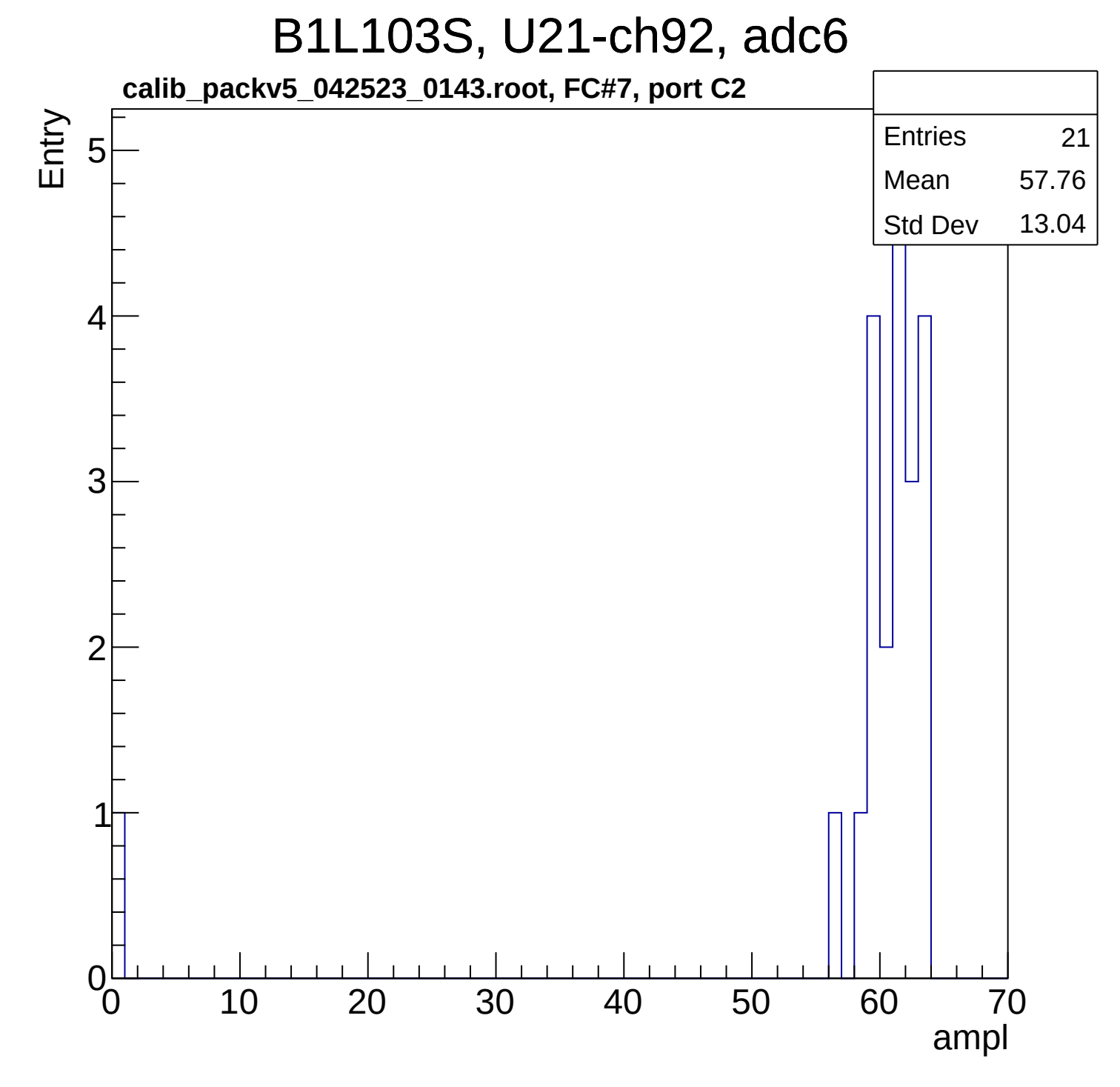
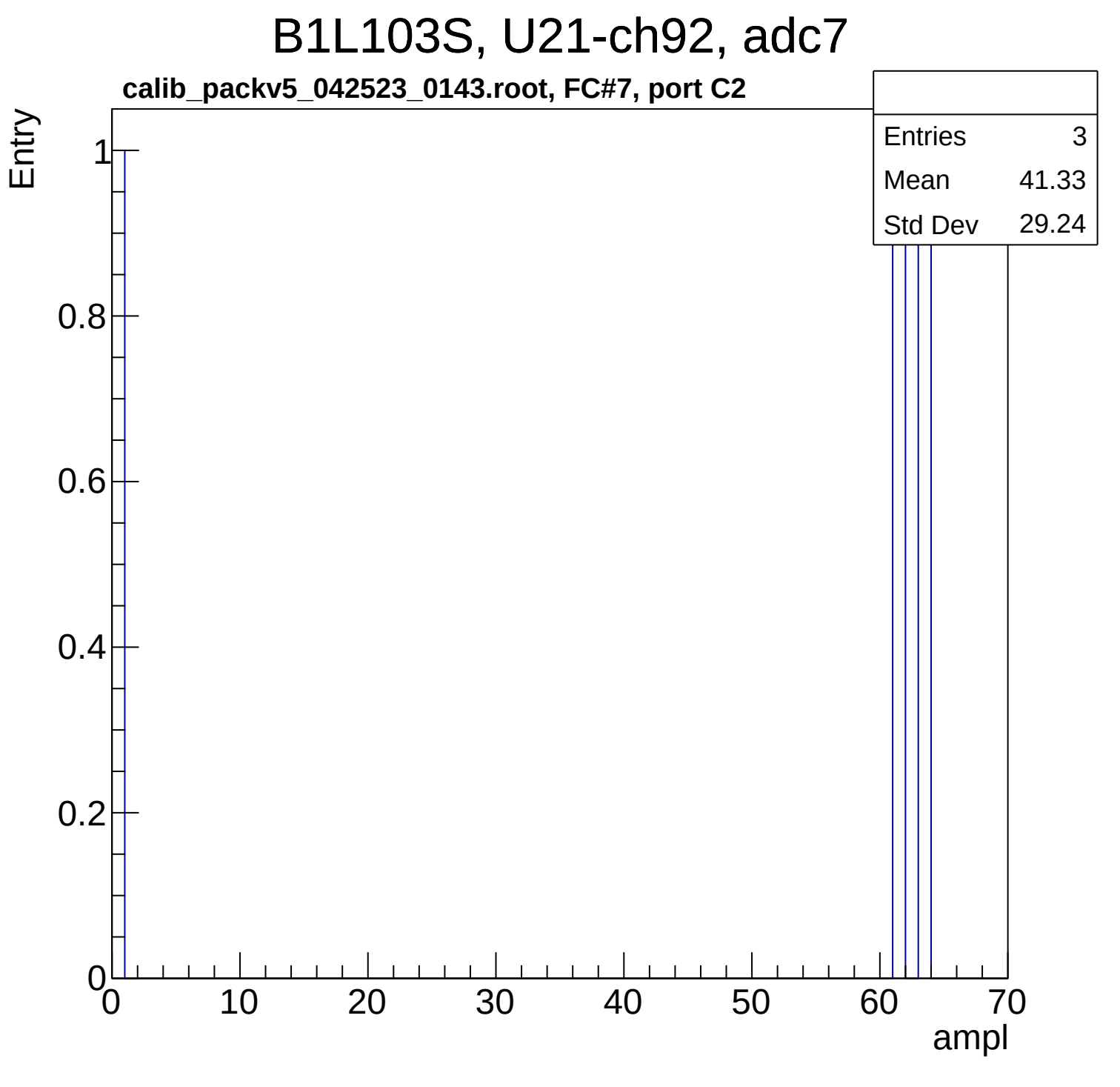
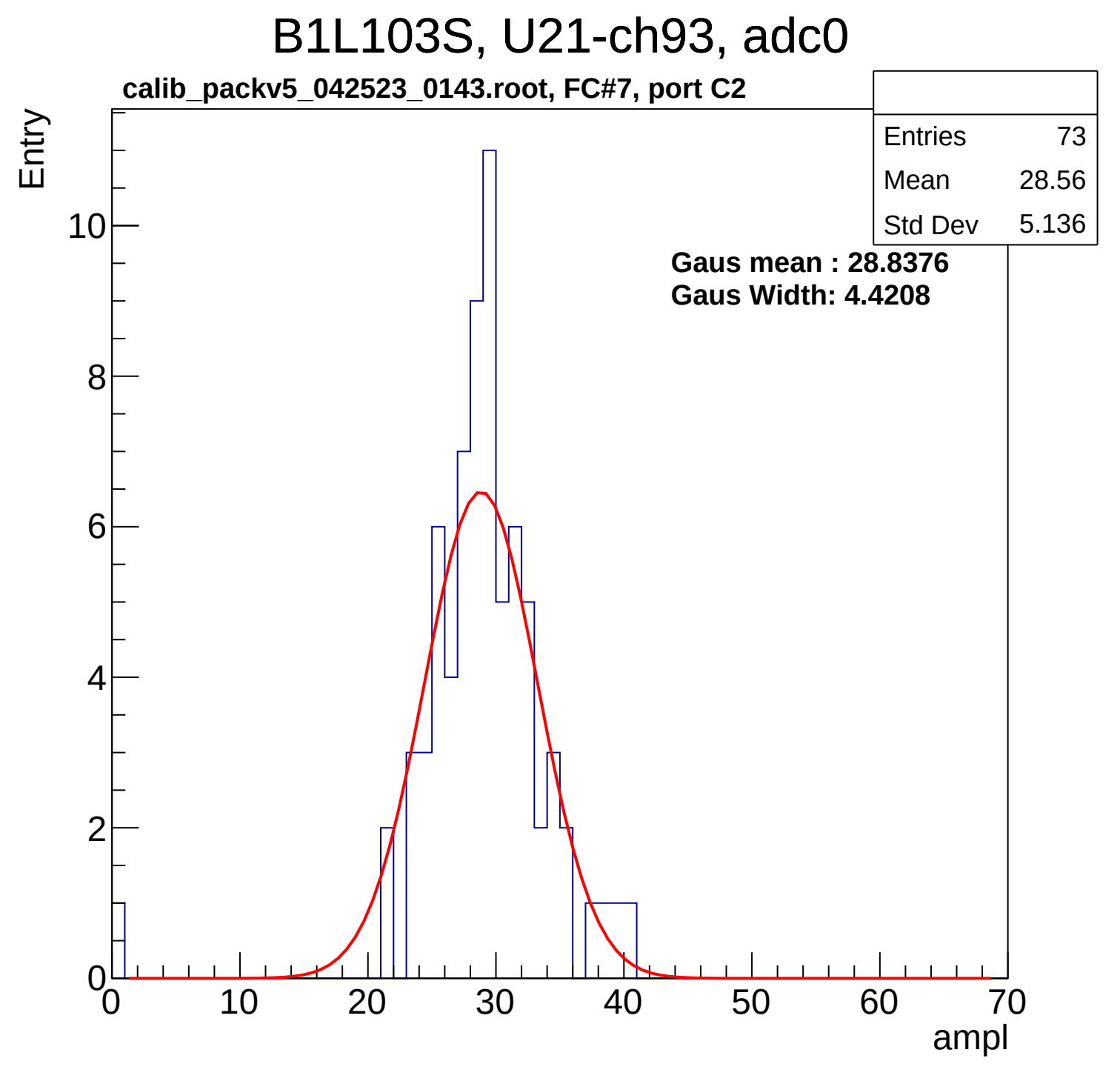
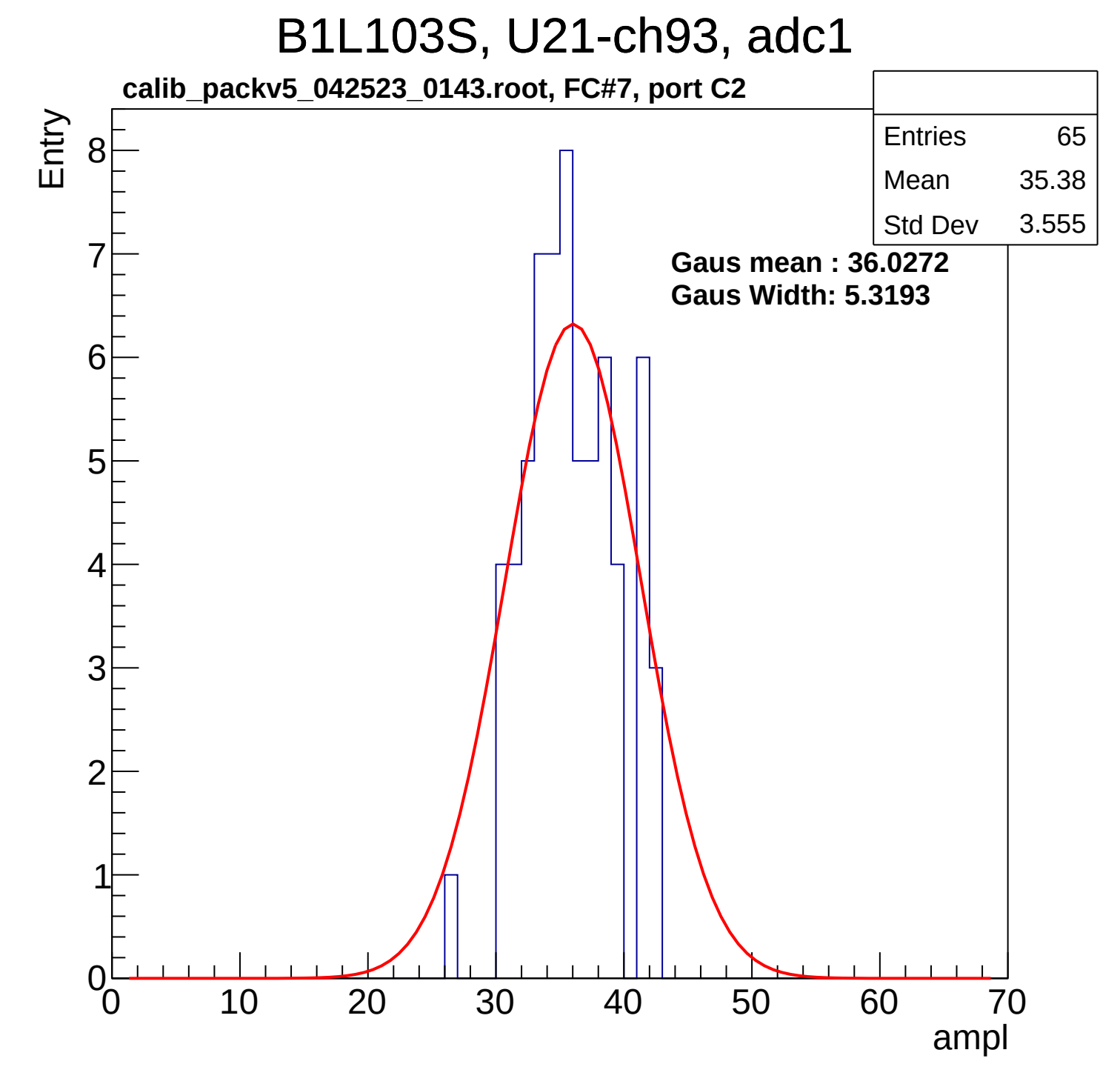

B1L103S, U21-ch92, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 21
Mean 57.76
Std Dev 13.04
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch92, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 41.33
Std Dev 29.24
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch93, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 28.56
Std Dev 5.136
Gaus mean : 28.8376
Gaus Width: 4.4208
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U21-ch93, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 35.38
Std Dev 3.555
Gaus mean : 36.0272
Gaus Width: 5.3193
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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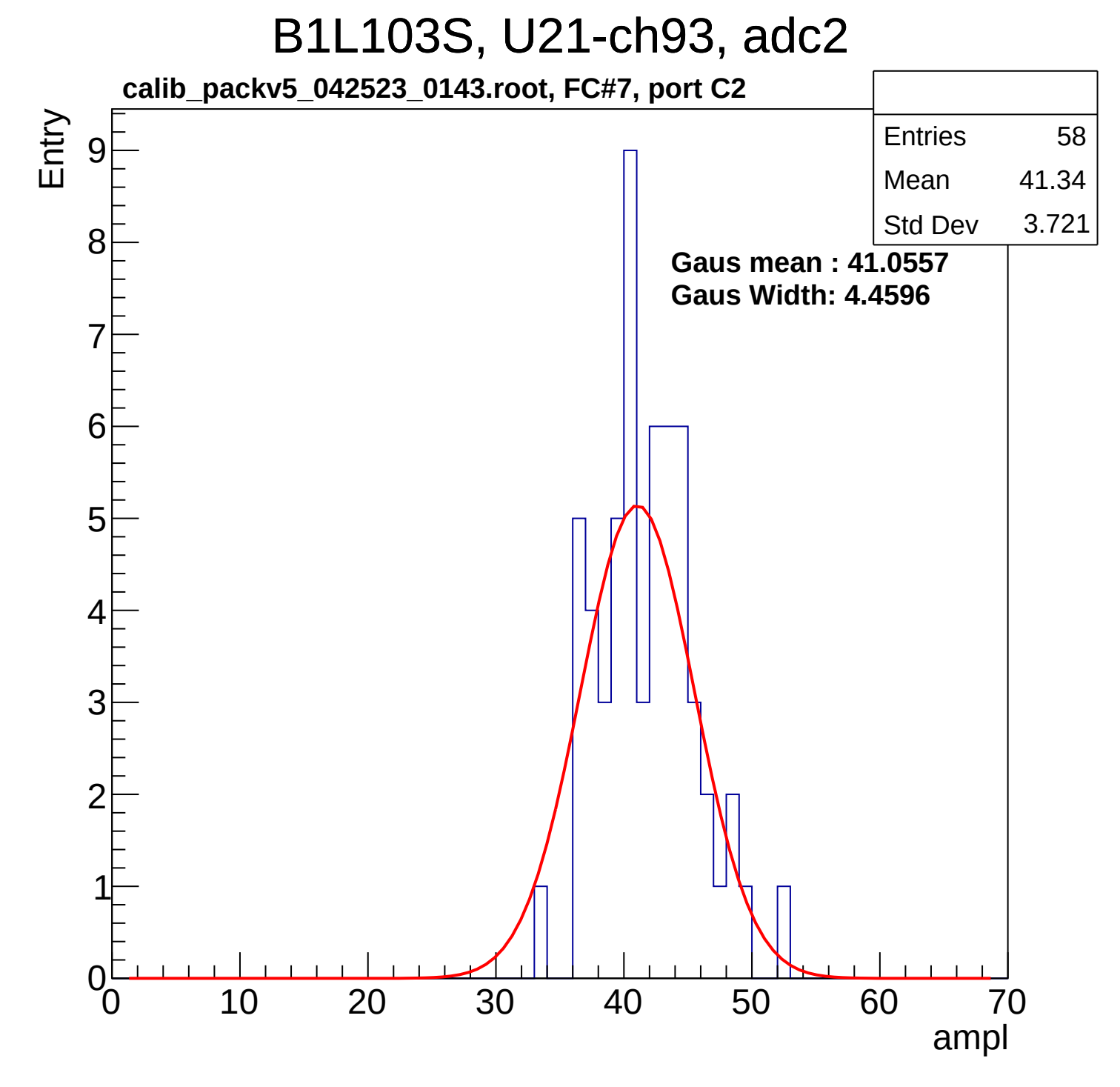
B1L103S, U21-ch93, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 41.34
Std Dev 3.721
Gaus mean : 41.0557
Gaus Width: 4.4596
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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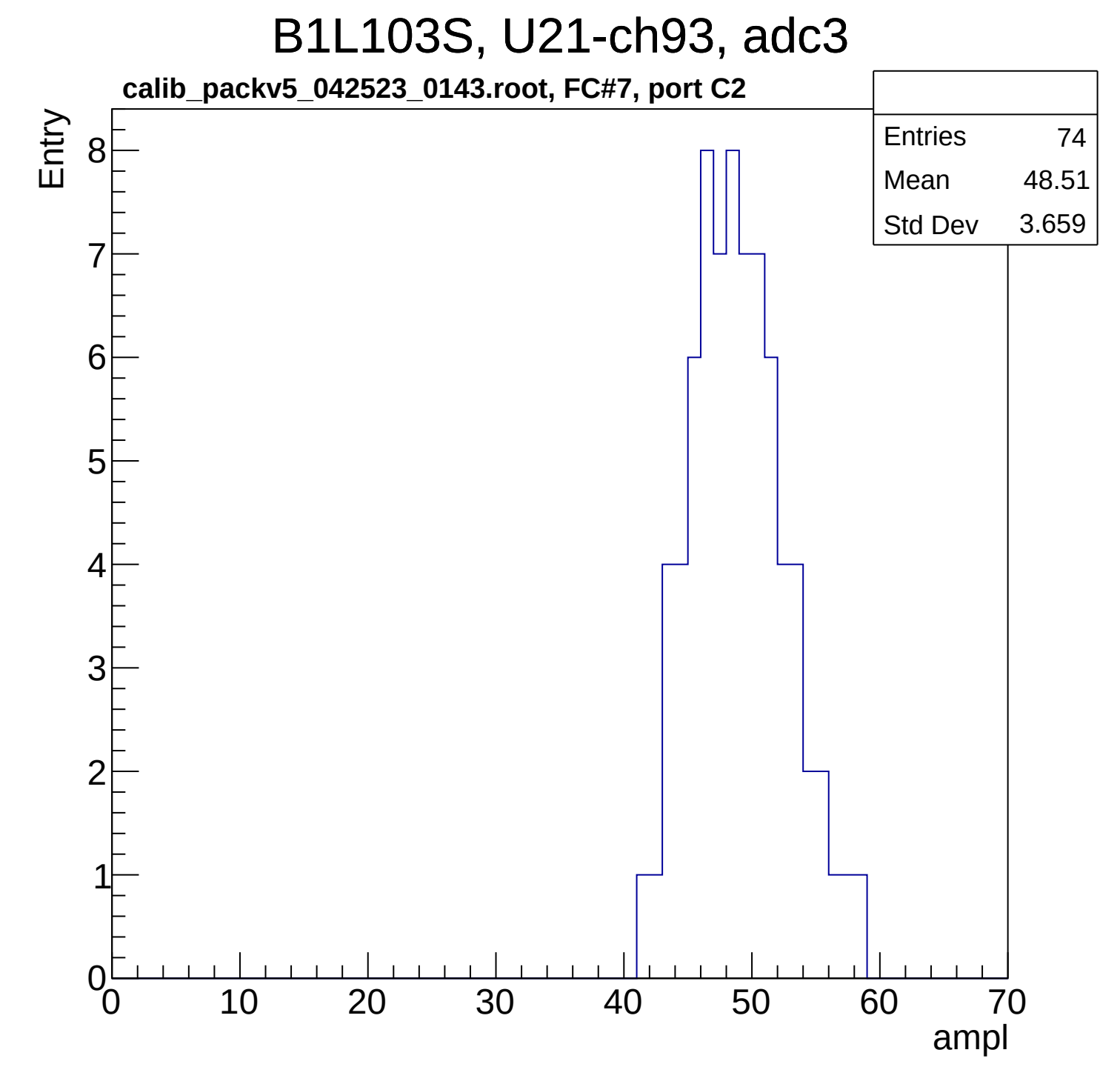
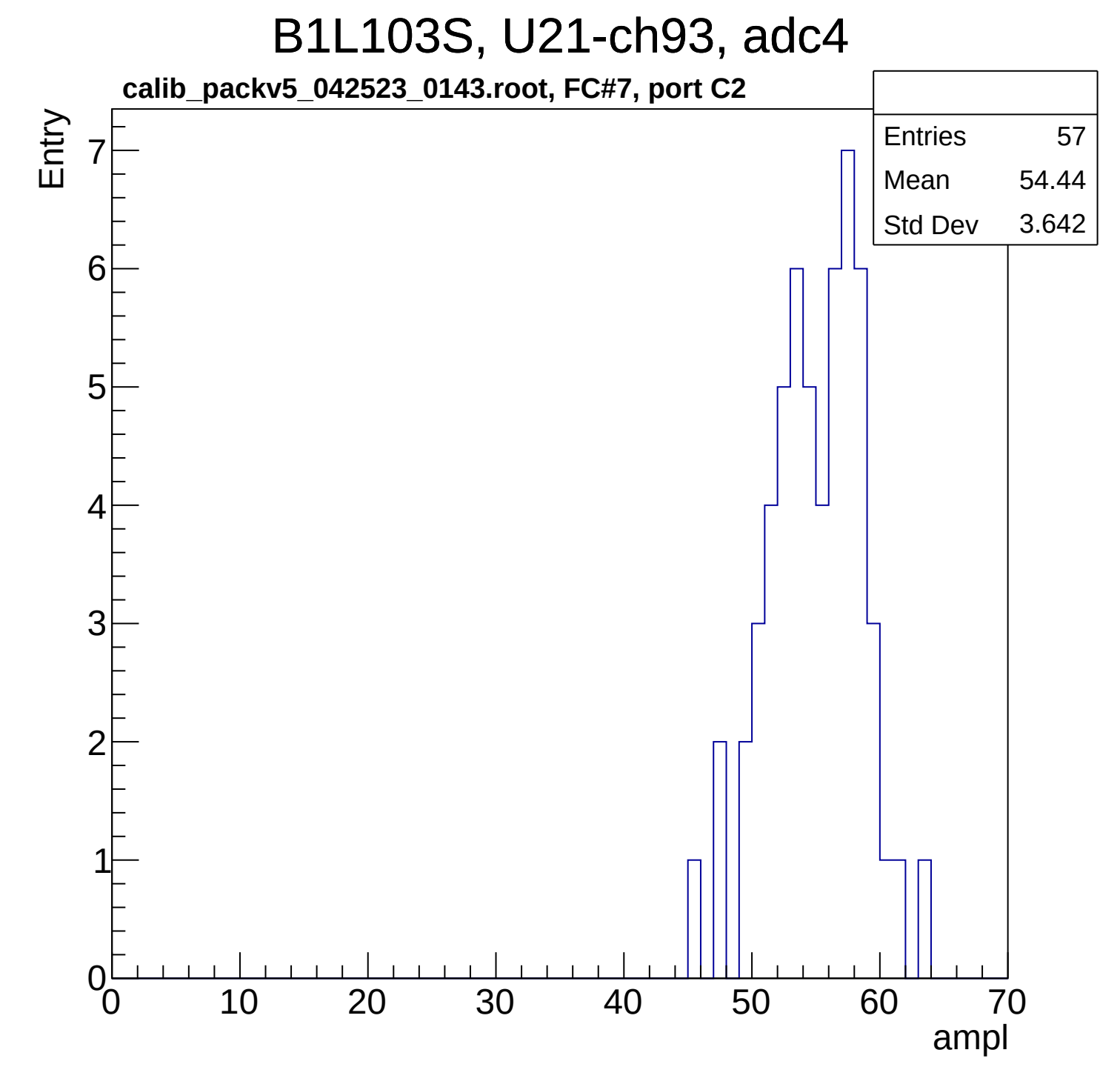
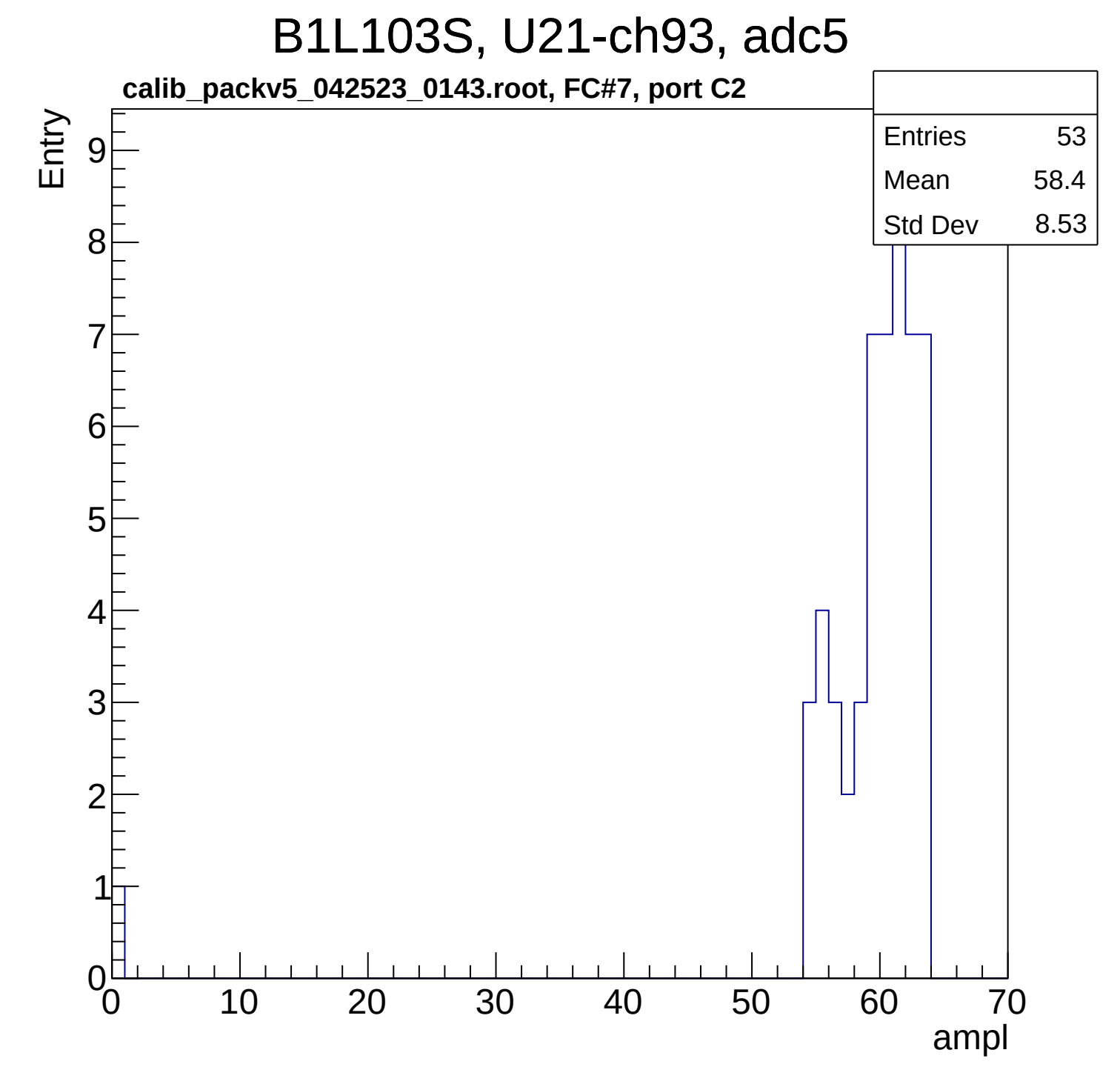
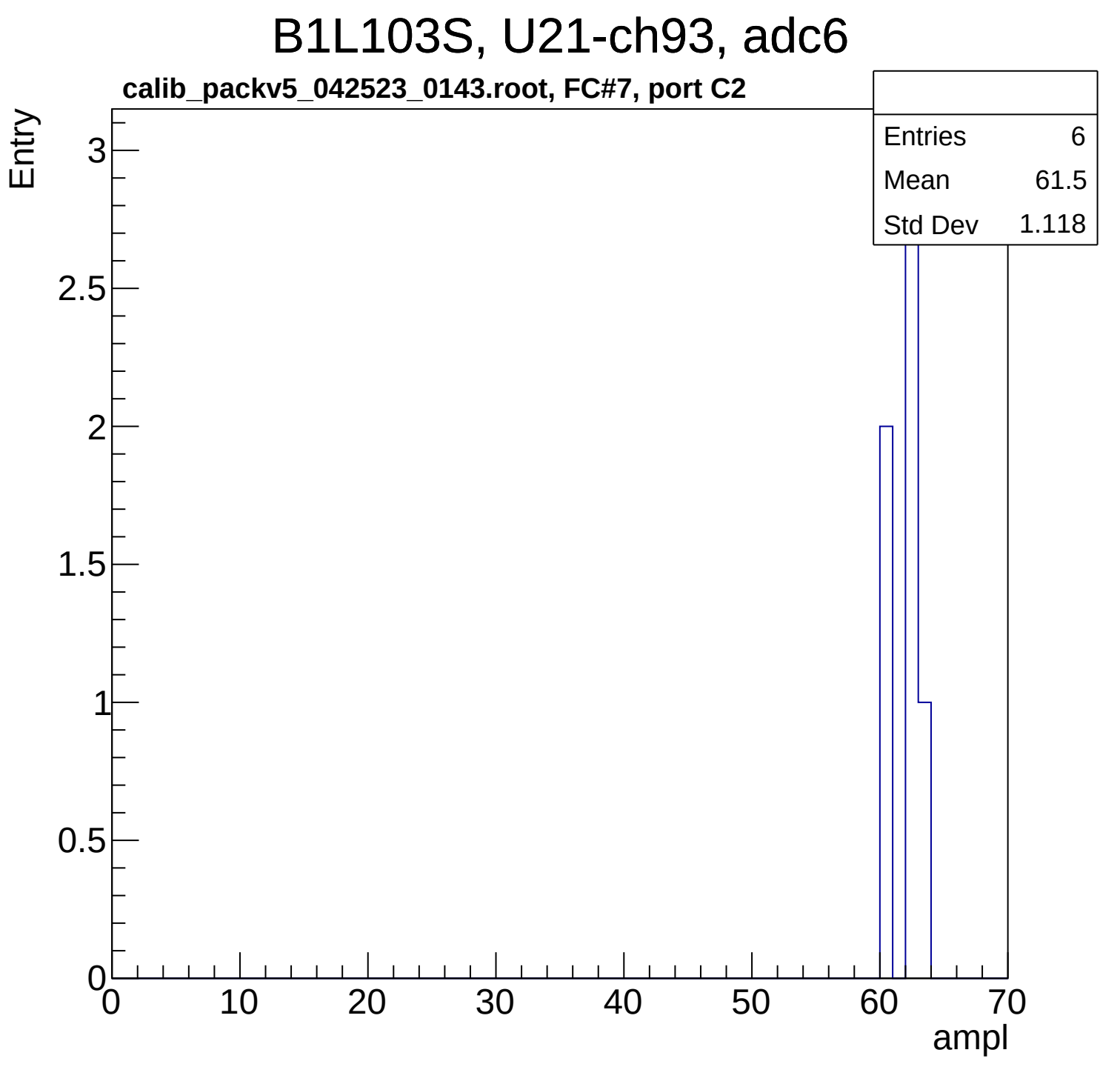
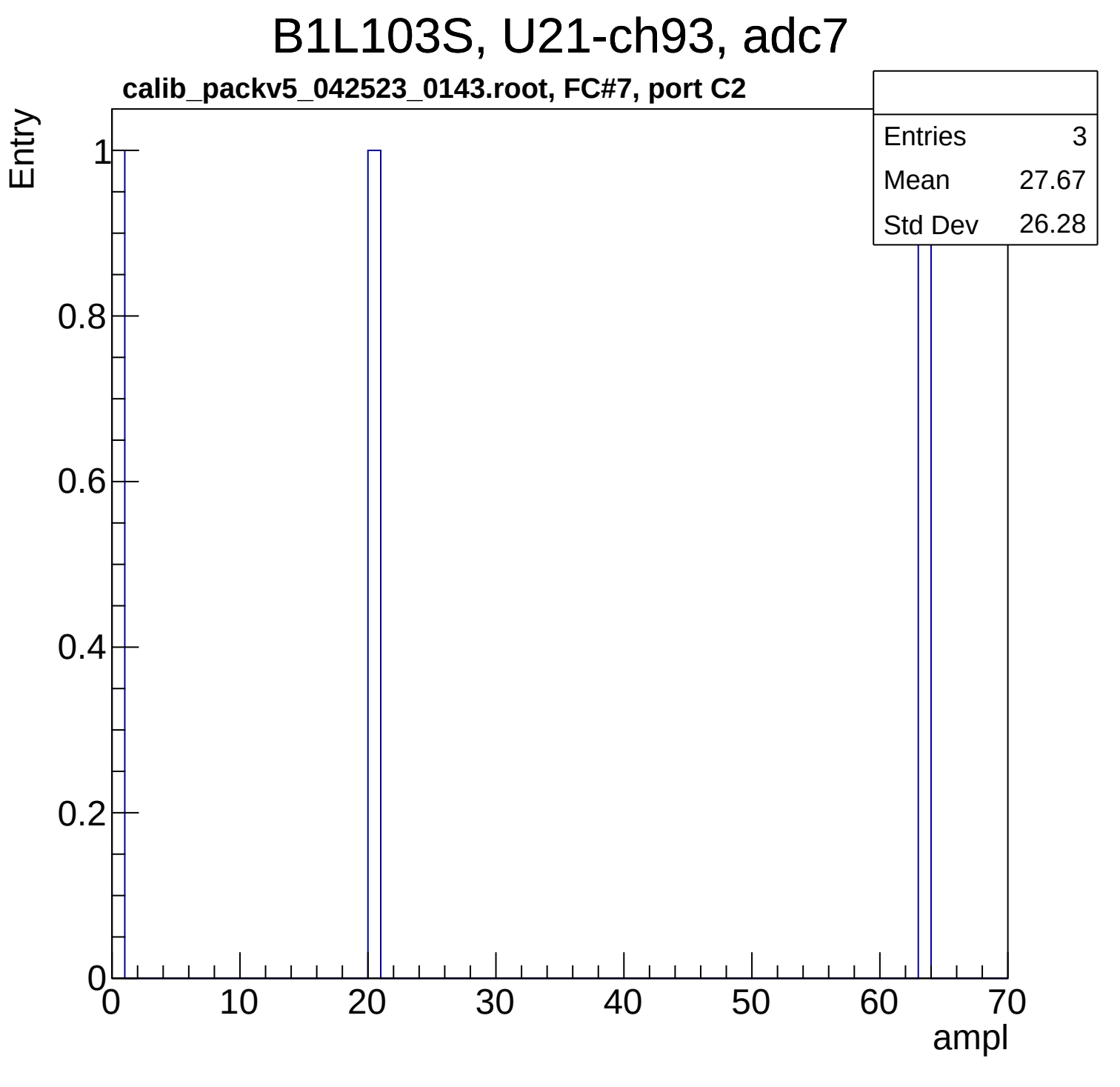

B1L103S, U21-ch93, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 48.51
Std Dev 3.659
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch93, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 54.44
Std Dev 3.642
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch93, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 53
Mean 58.4
Std Dev 8.53
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch93, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 6
Mean 61.5
Std Dev 1.118
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U21-ch93, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 27.67
Std Dev 26.28
Entry
ampl
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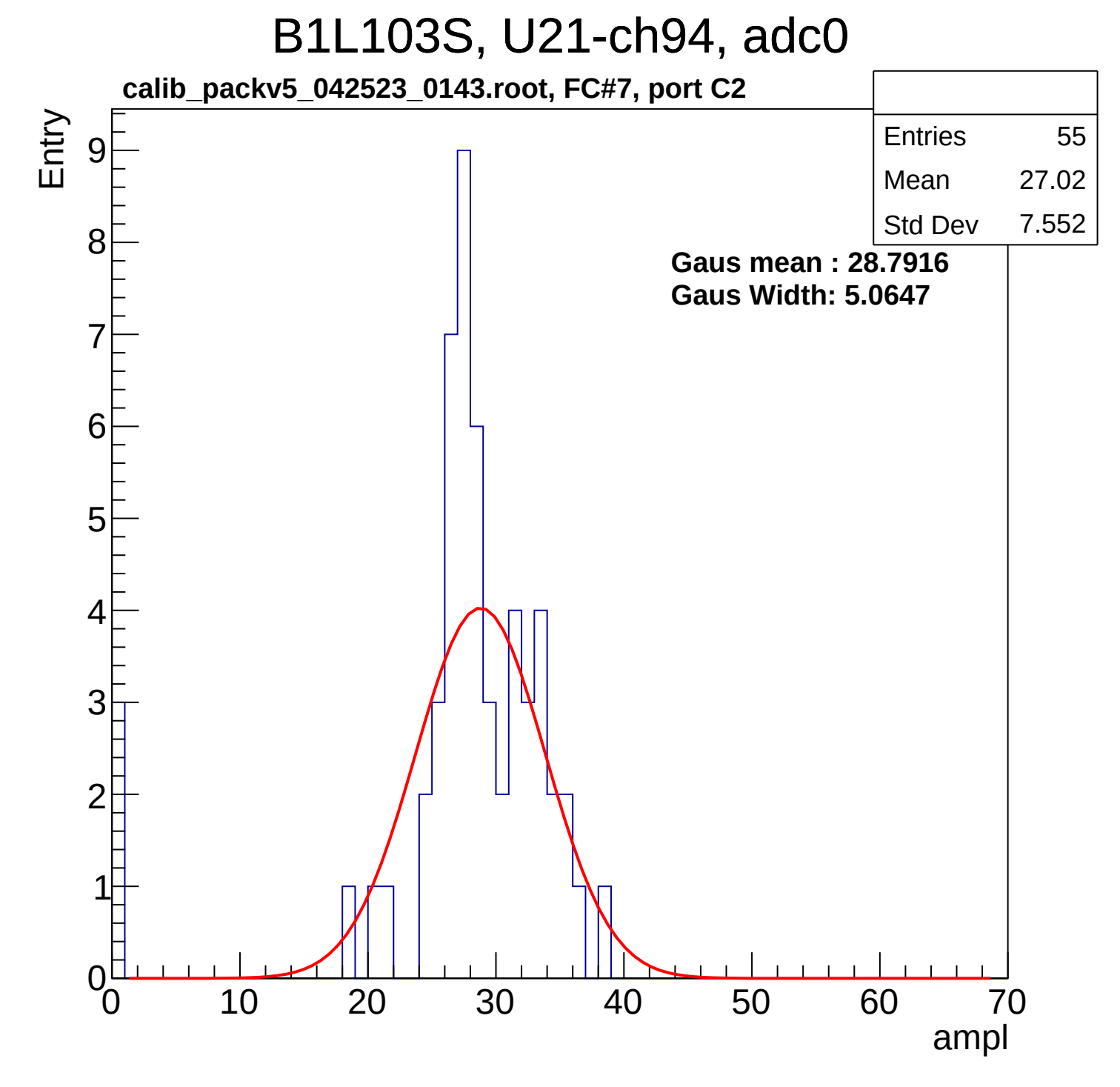
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L103S, U21-ch94, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 27.02
Std Dev 7.552
Gaus mean : 28.7916
Gaus Width: 5.0647
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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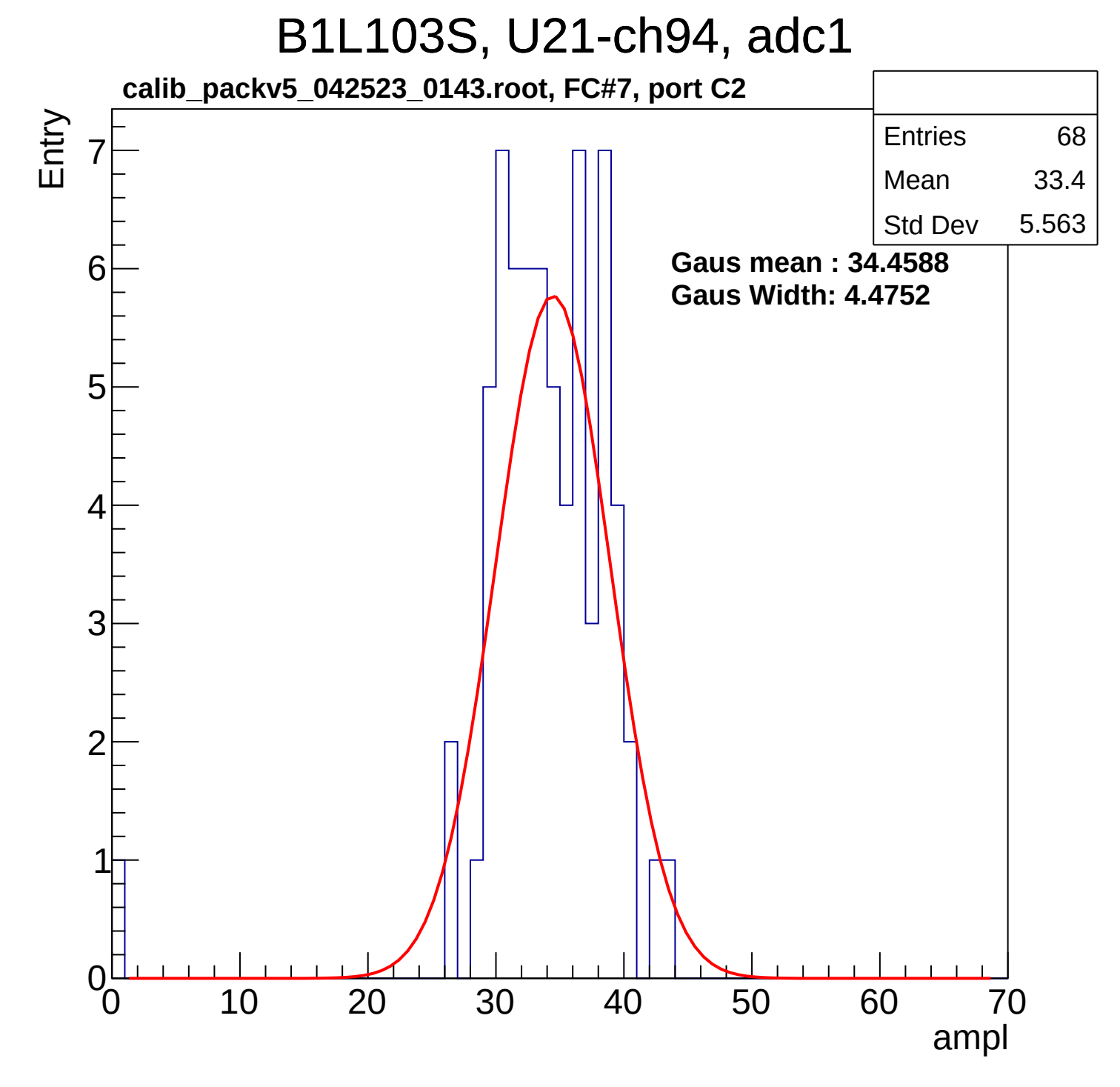
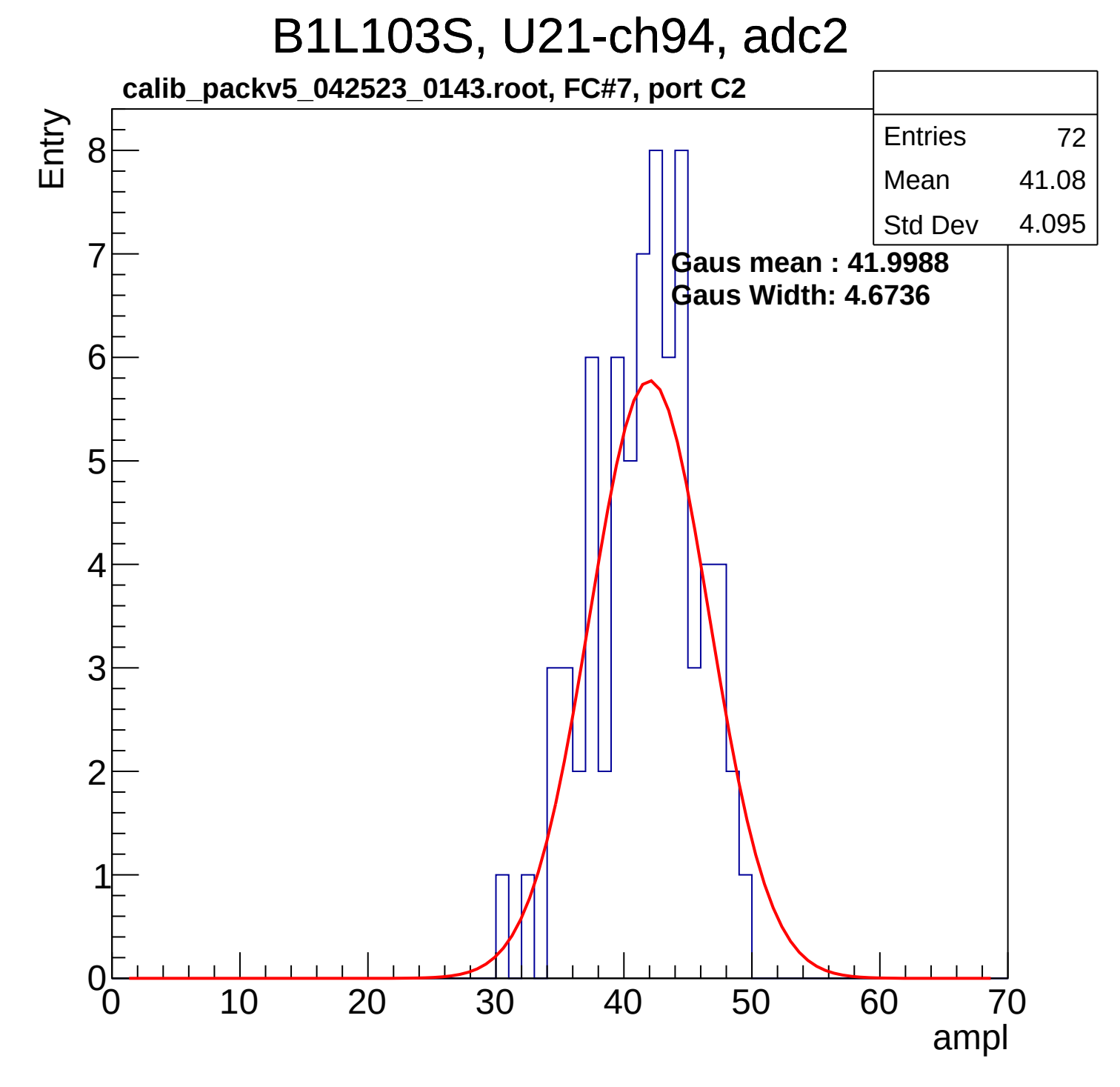

B1L103S, U21-ch94, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 33.4
Std Dev 5.563
Gaus mean : 34.4588
Gaus Width: 4.4752
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch94, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 41.08
Std Dev 4.095
Gaus mean : 41.9988
Gaus Width: 4.6736
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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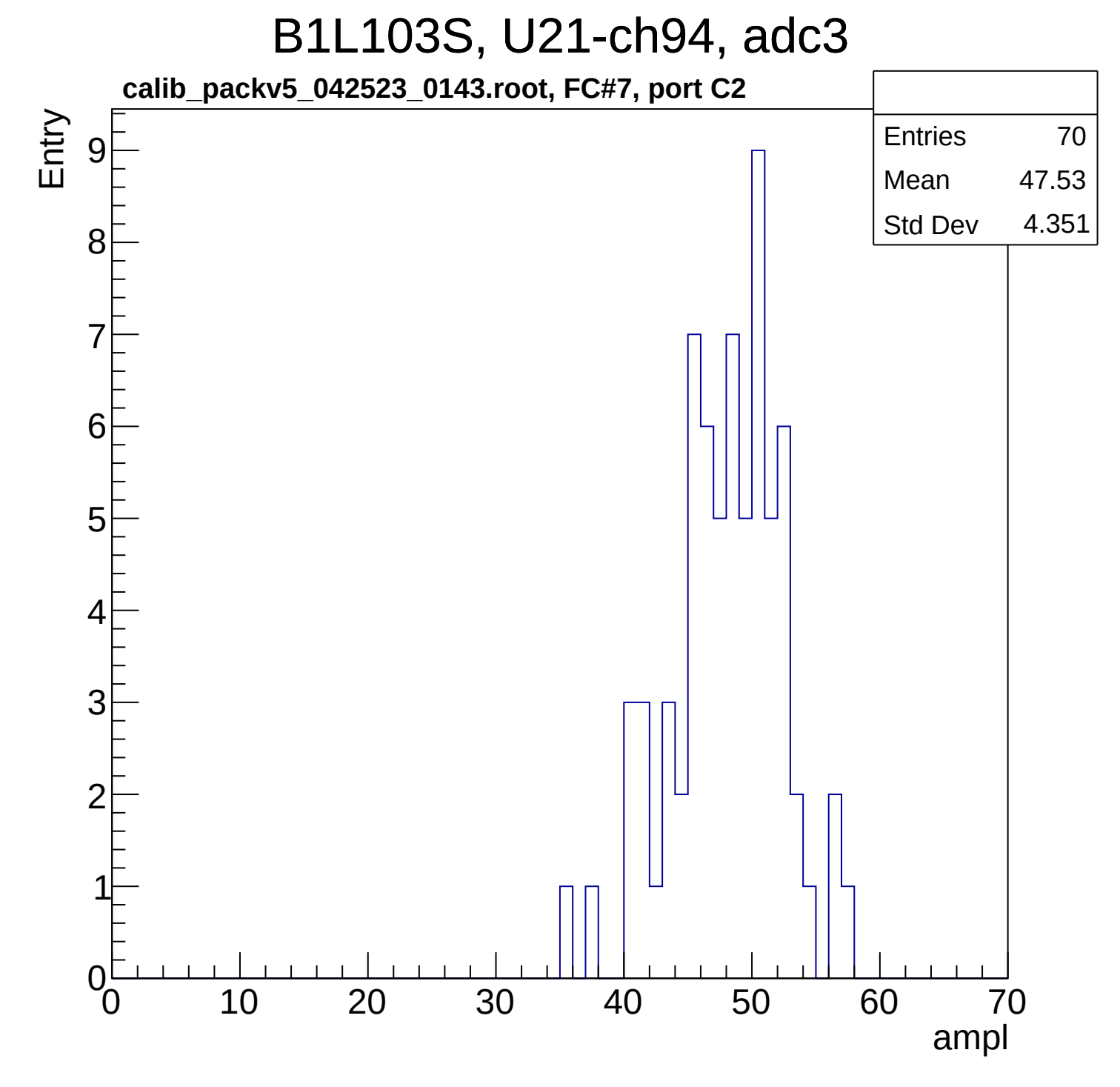
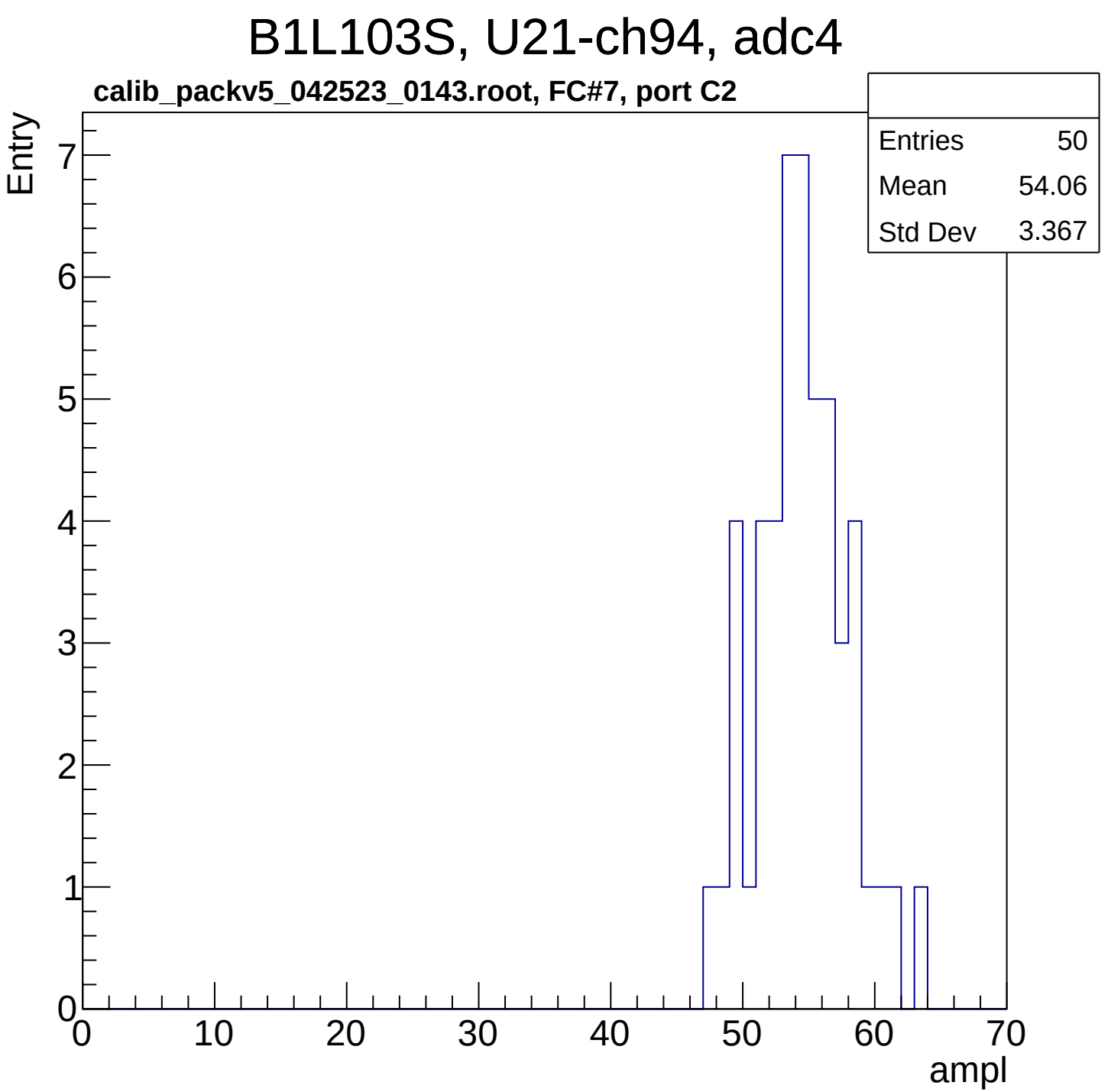
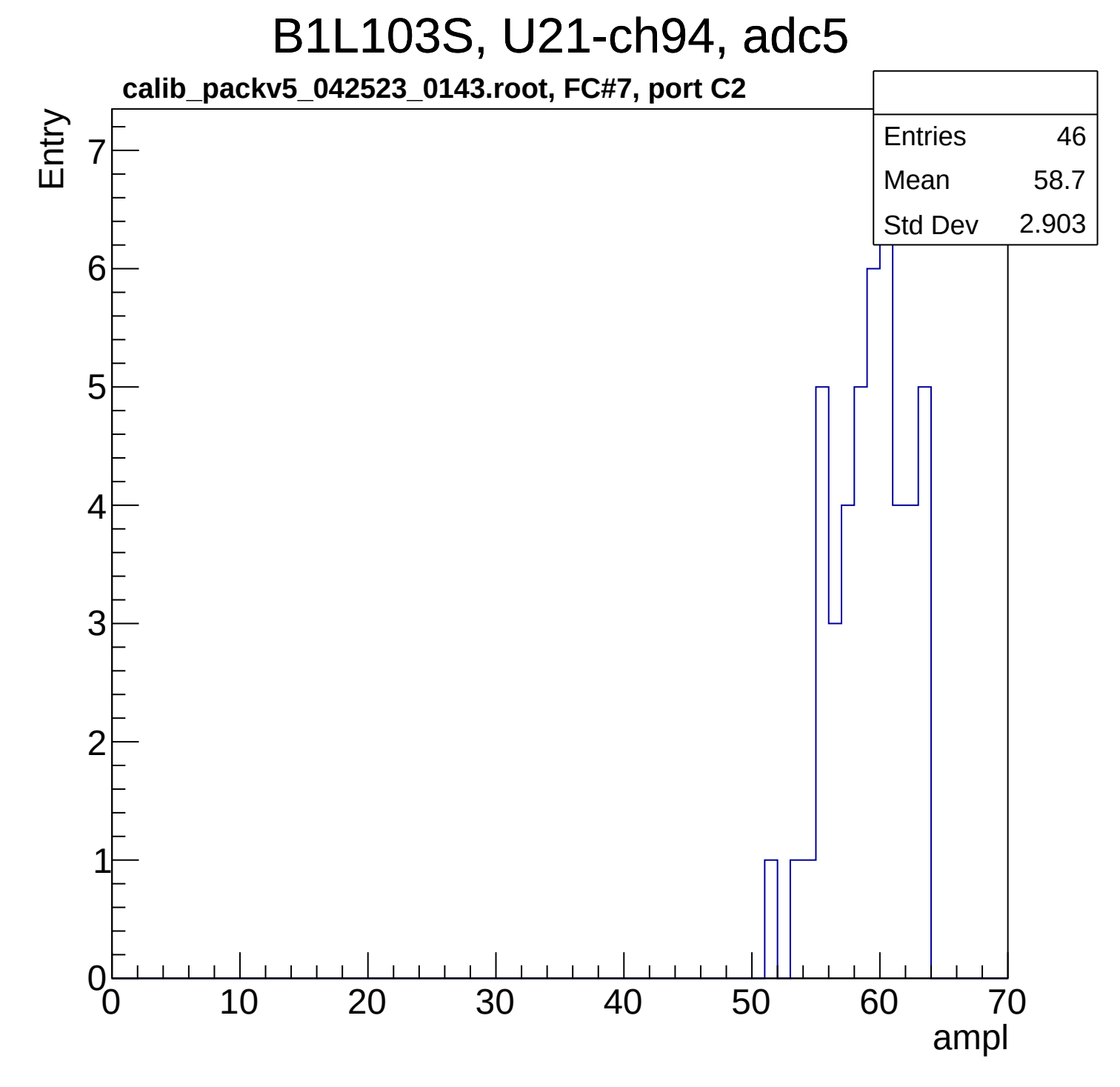

B1L103S, U21-ch94, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 47.53
Std Dev 4.351
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch94, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 50
Mean 54.06
Std Dev 3.367
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch94, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 46
Mean 58.7
Std Dev 2.903
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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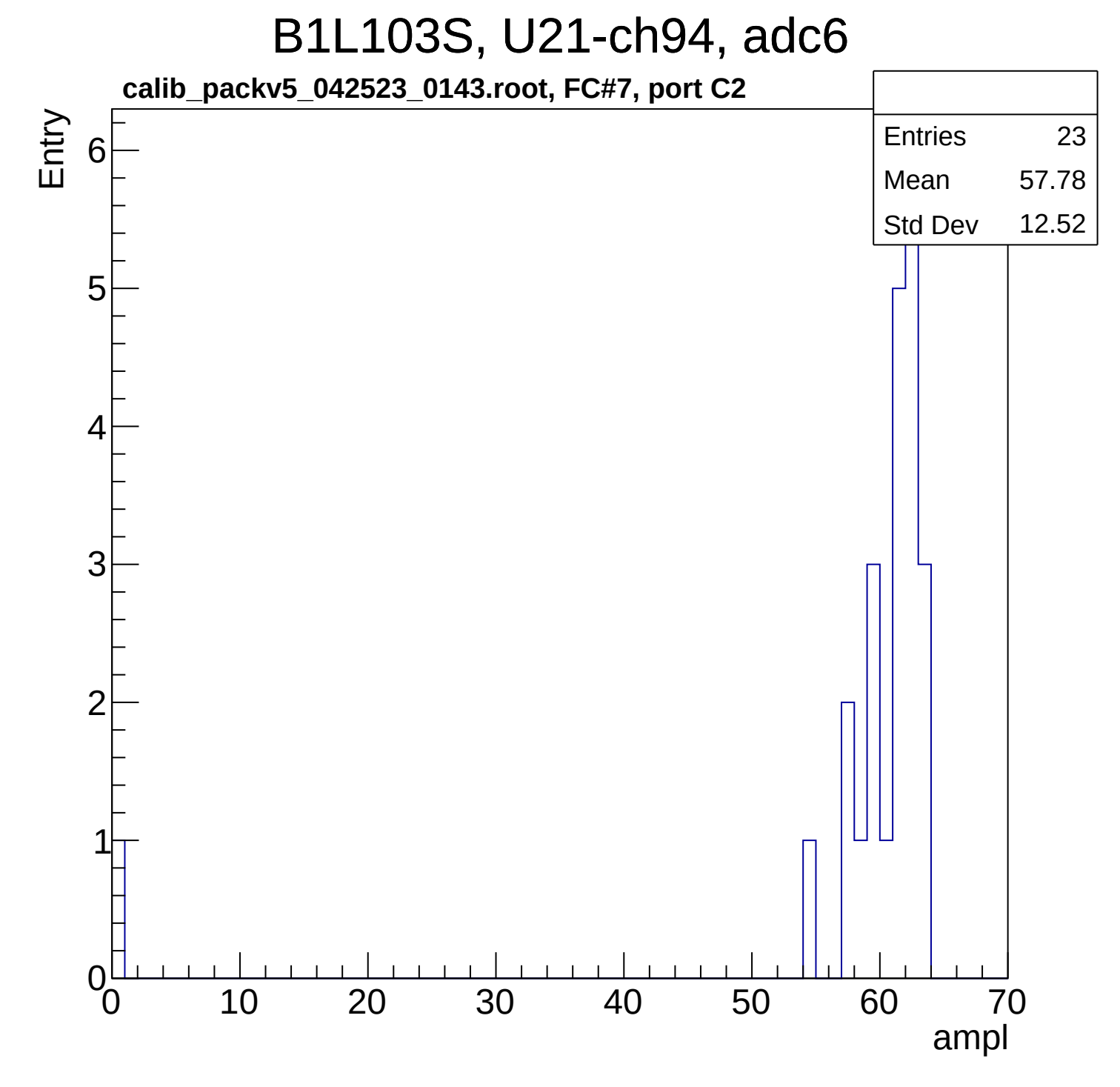
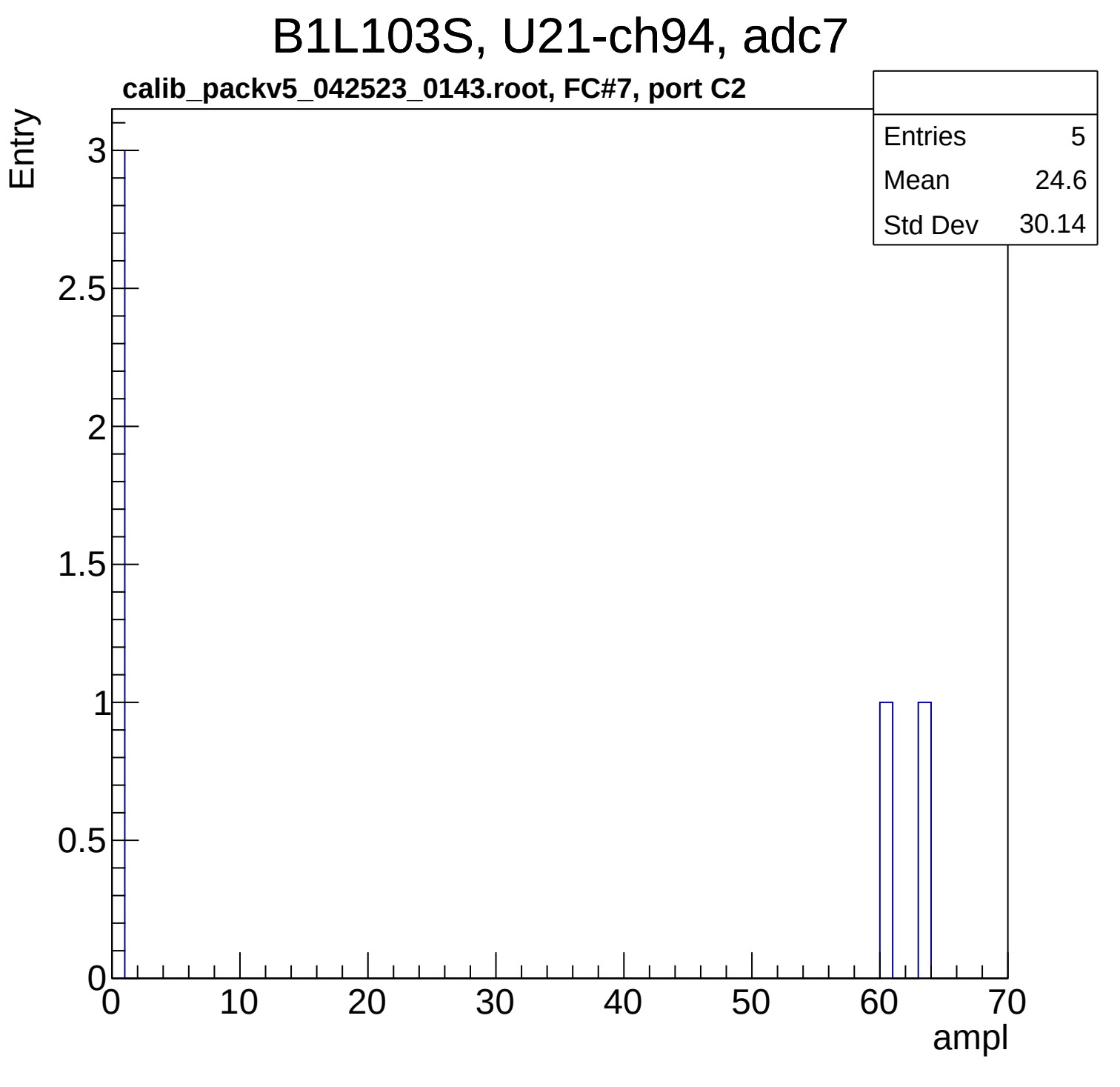

B1L103S, U21-ch94, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 23
Mean 57.78
Std Dev 12.52
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L103S, U21-ch94, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 24.6
Std Dev 30.14
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
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20
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40
50
60
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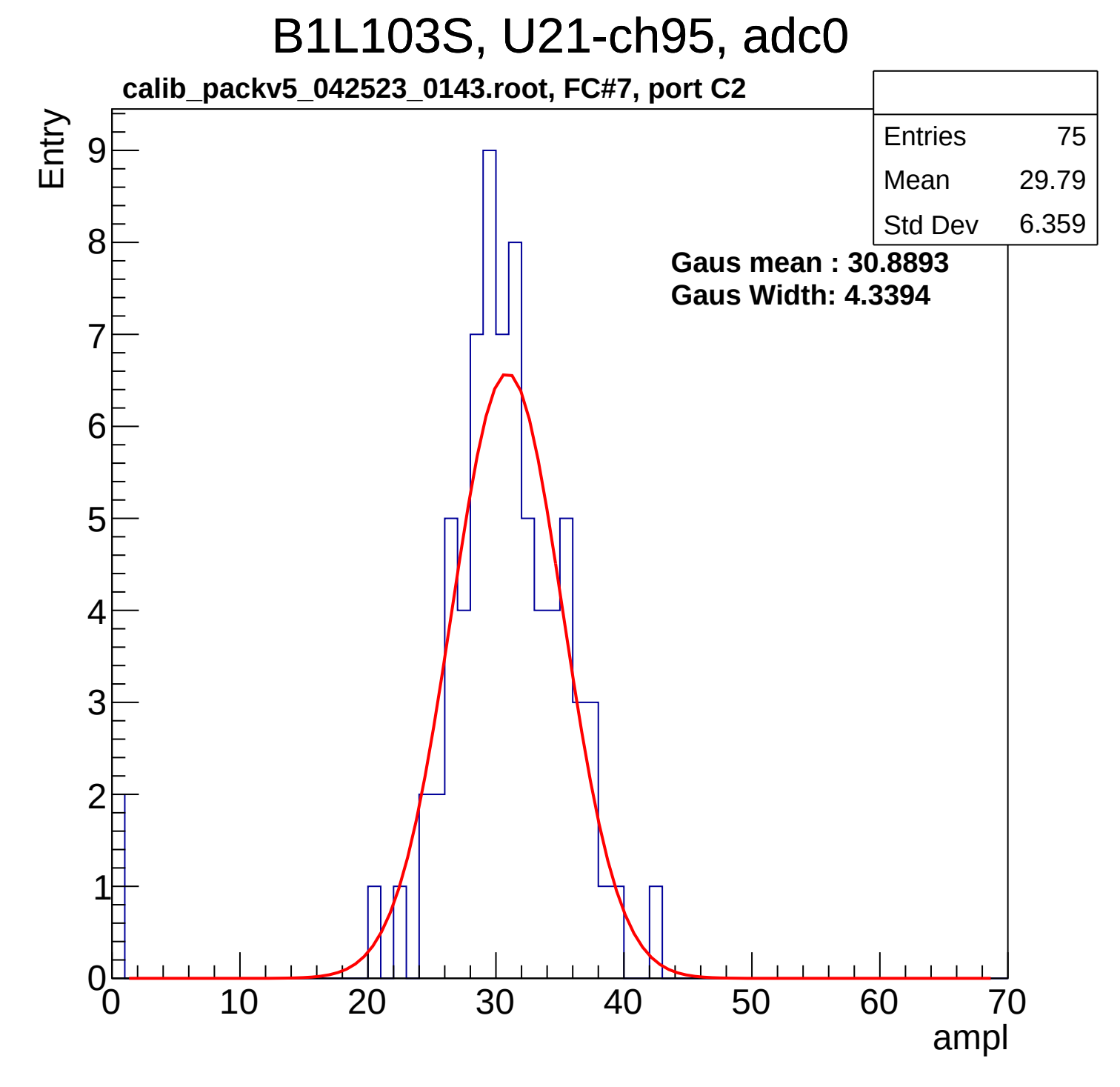
B1L103S, U21-ch95, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 75
Mean 29.79
Std Dev 6.359
Gaus mean : 30.8893
Gaus Width: 4.3394
Entry
ampl
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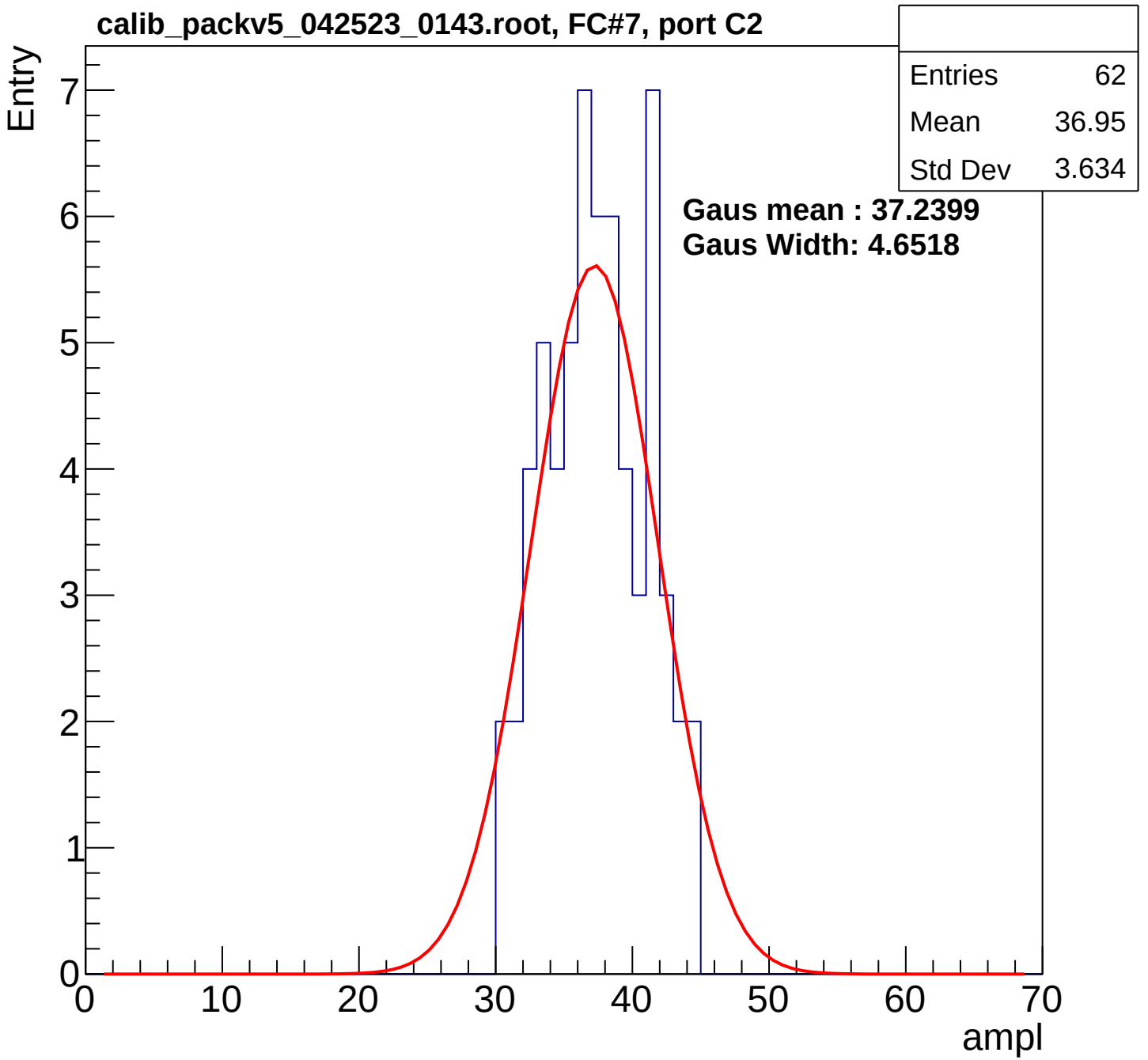
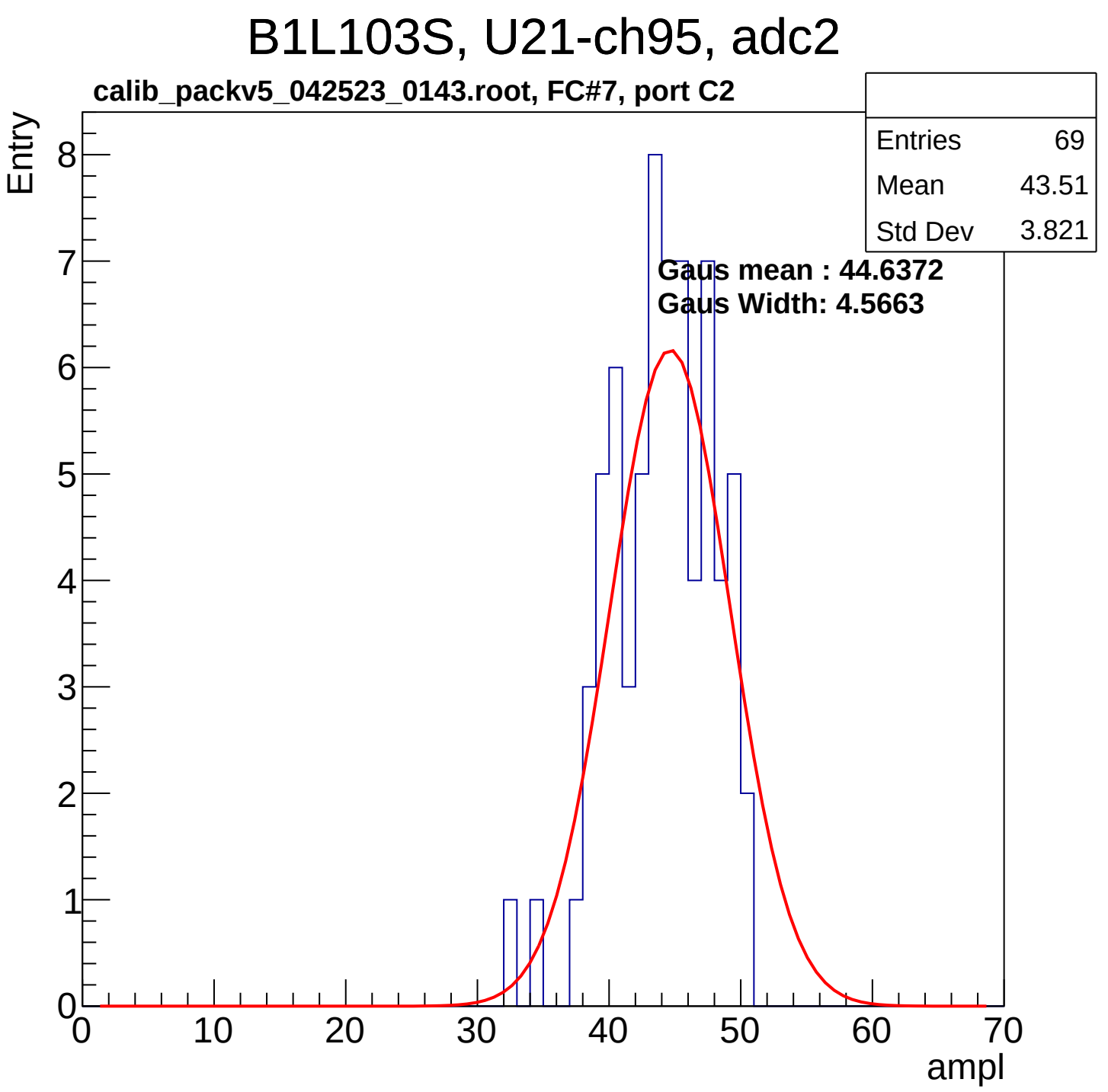
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch95, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 36.95
Std Dev 3.634
Gaus mean : 37.2399
Gaus Width: 4.6518
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch95, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 43.51
Std Dev 3.821
Gaus mean : 44.6372
Gaus Width: 4.5663
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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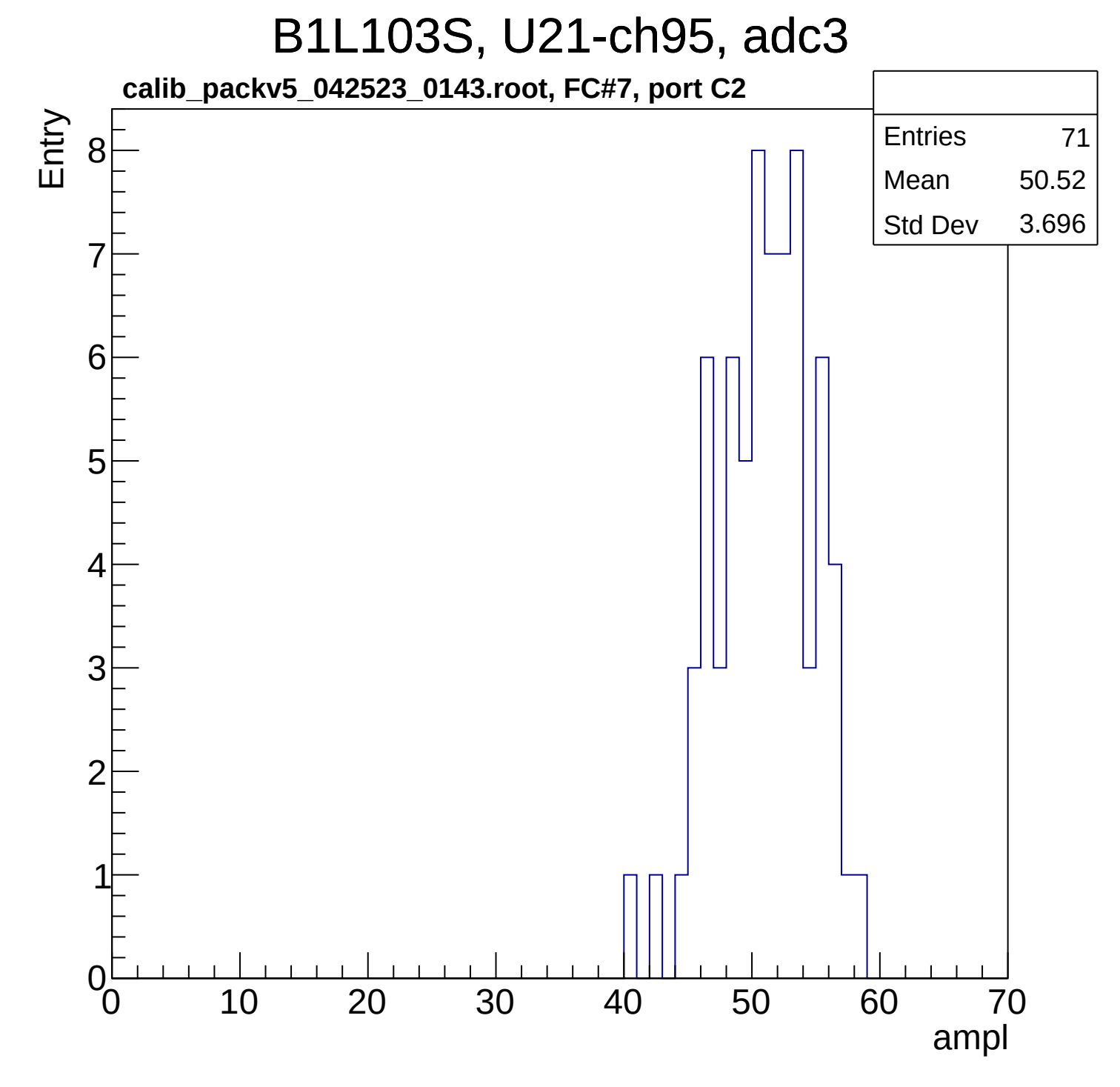
B1L103S, U21-ch95, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 50.52
Std Dev 3.696
Entry
ampl
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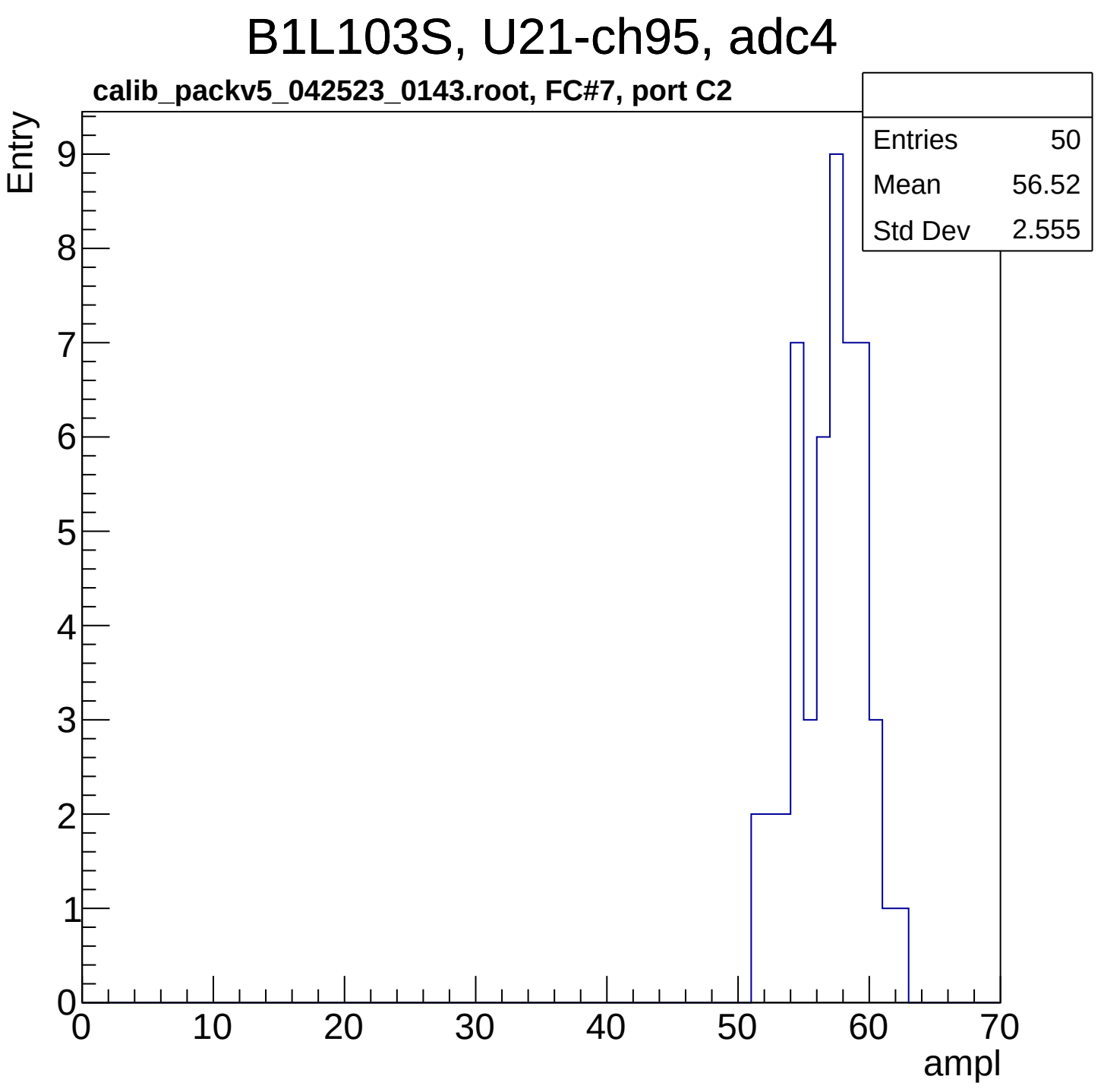
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch95, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 50
Mean 56.52
Std Dev 2.555
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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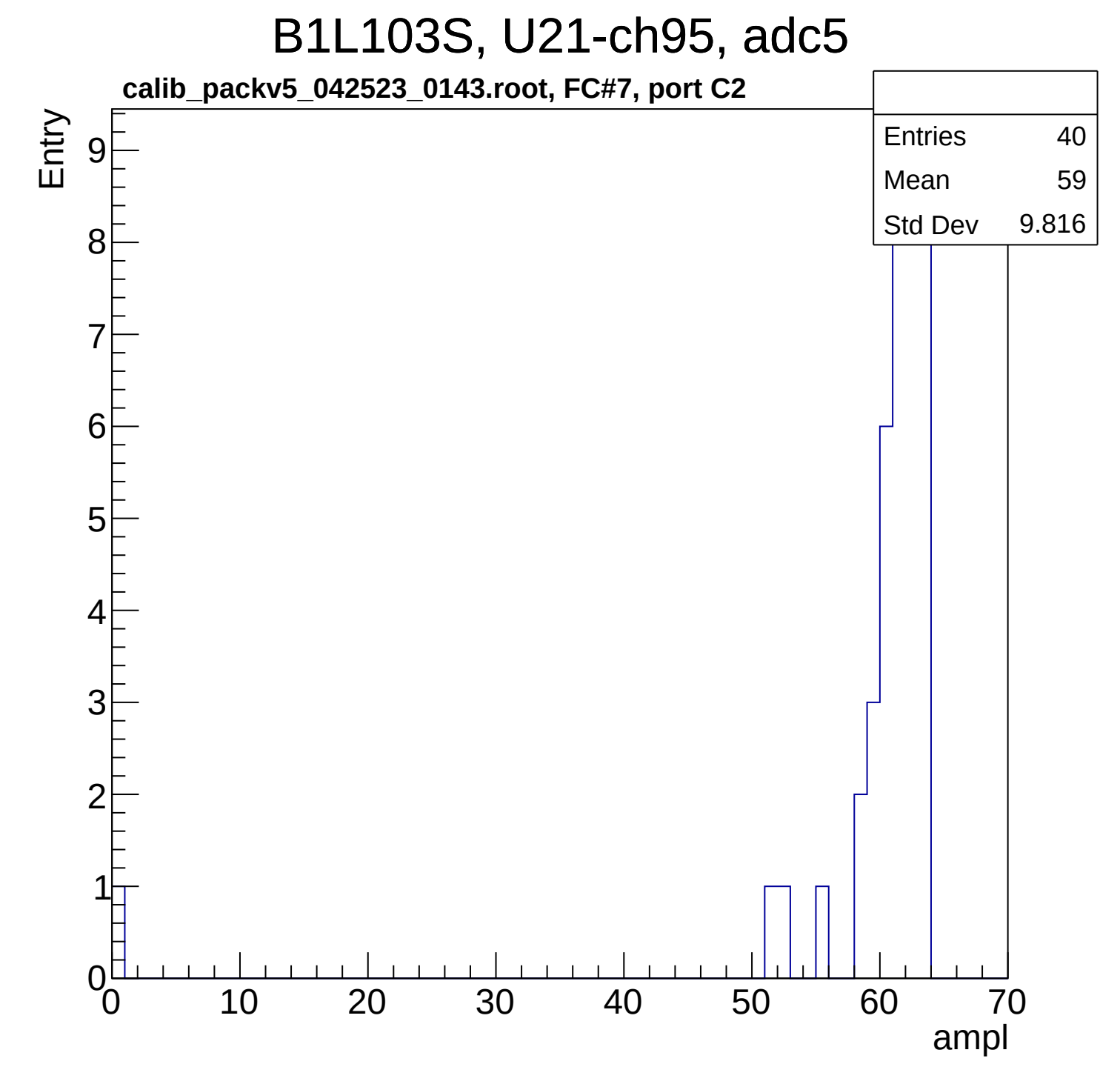
B1L103S, U21-ch95, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 40
Mean 59
Std Dev 9.816
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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60
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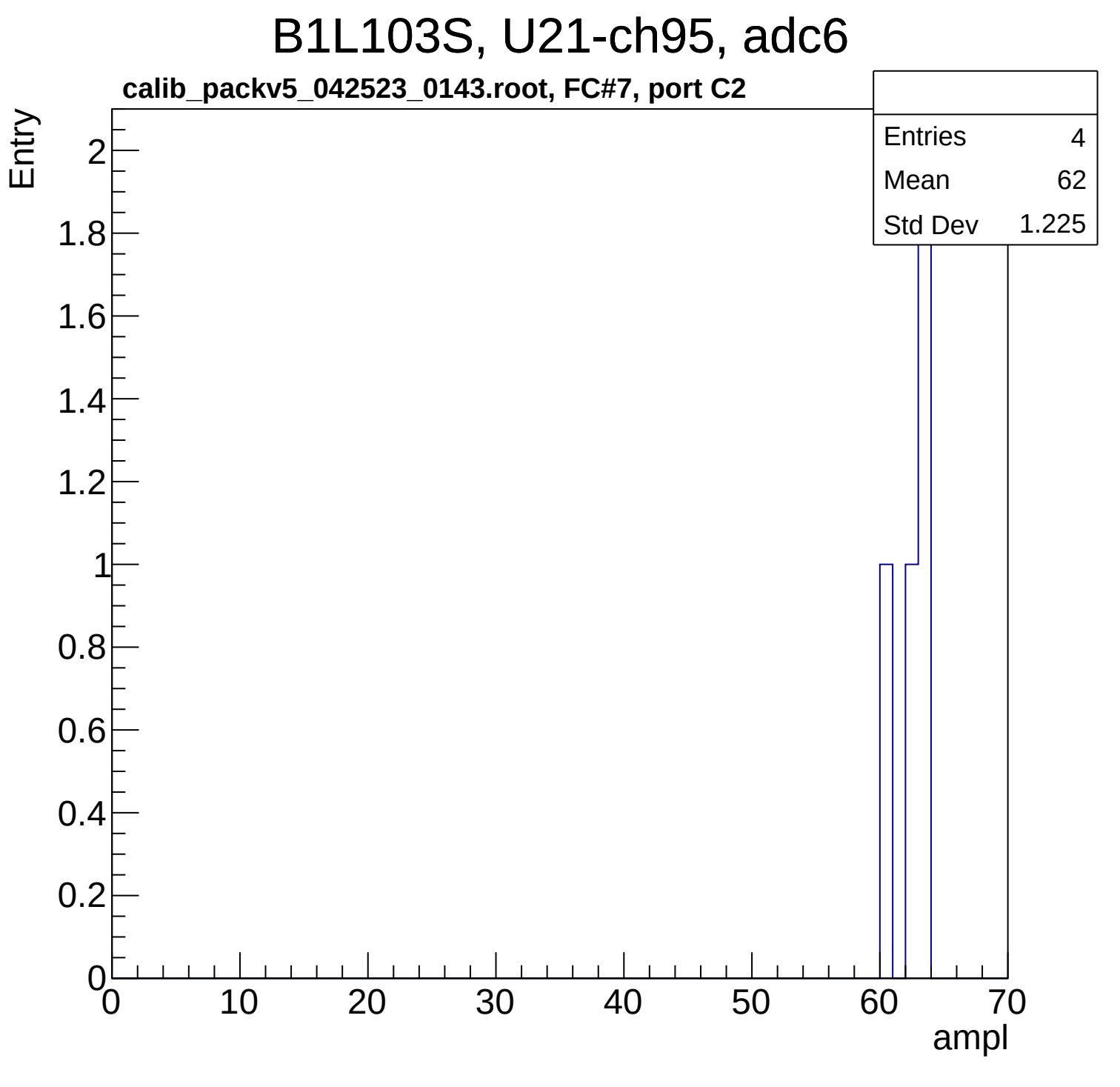
B1L103S, U21-ch95, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 4
Mean 62
Std Dev 1.225
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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50
60
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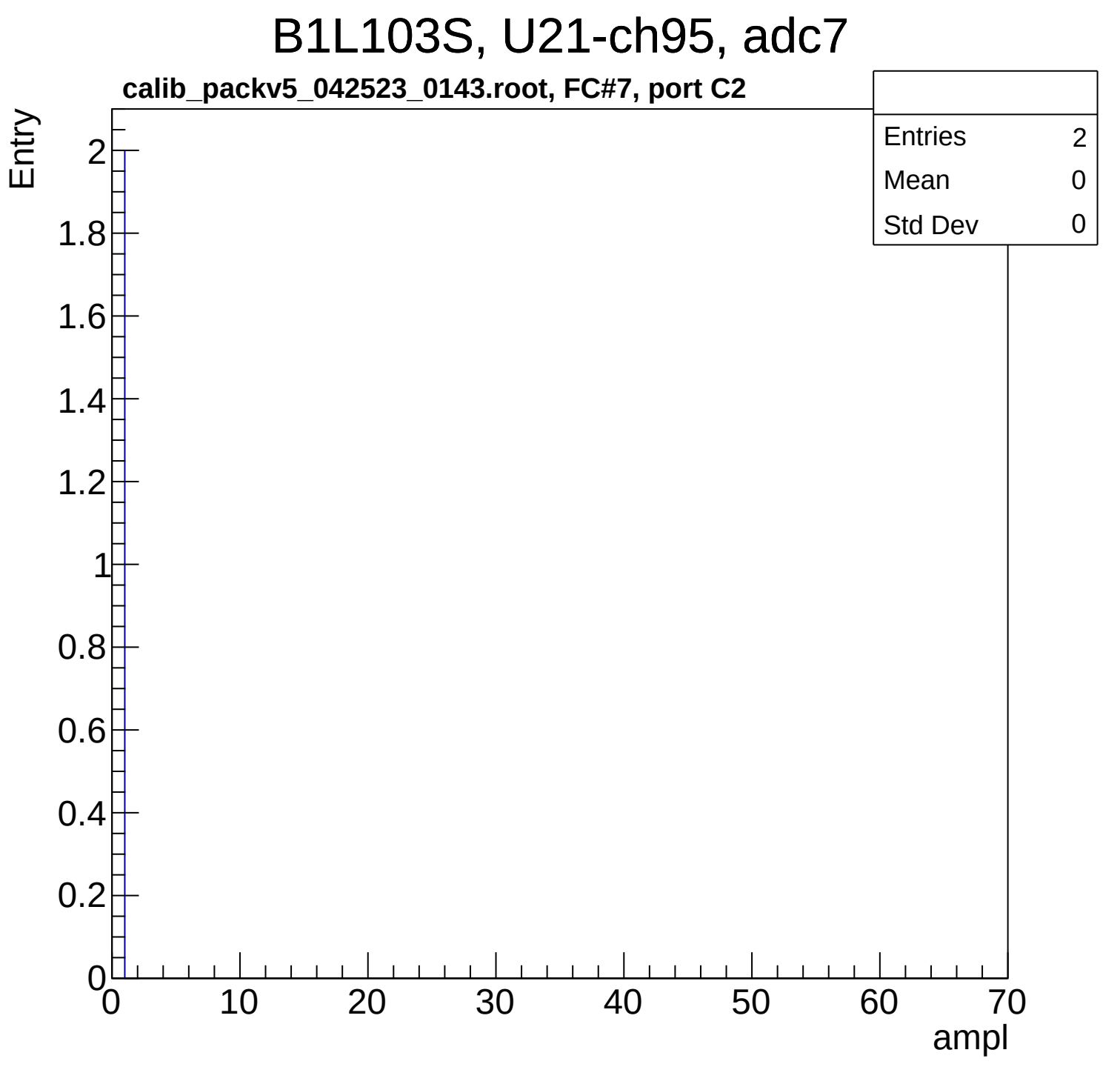
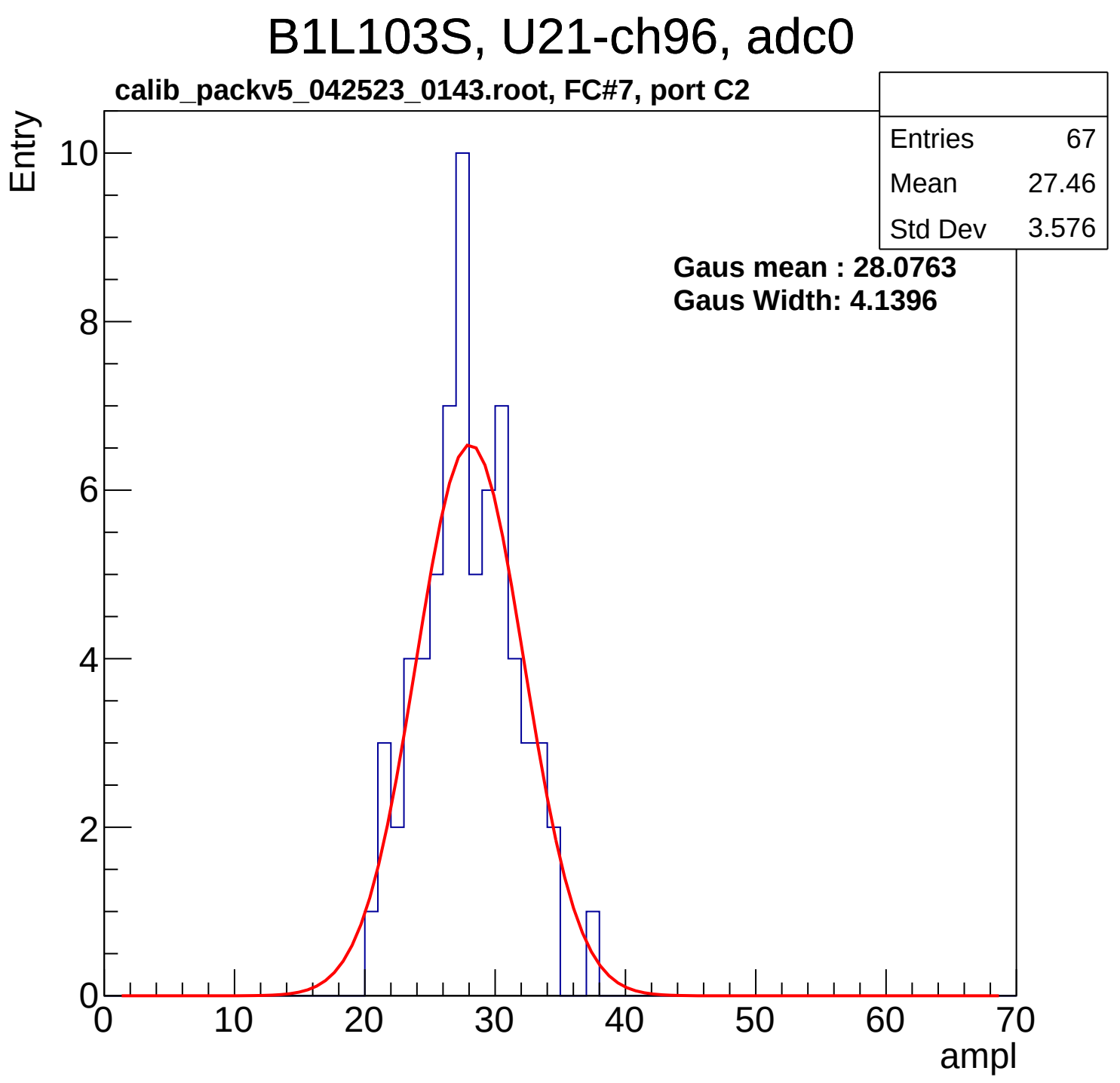

B1L103S, U21-ch95, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch96, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 27.46
Std Dev 3.576
Gaus mean : 28.0763
Gaus Width: 4.1396
Entry
ampl
0
2
4
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8
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0
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40
50
60
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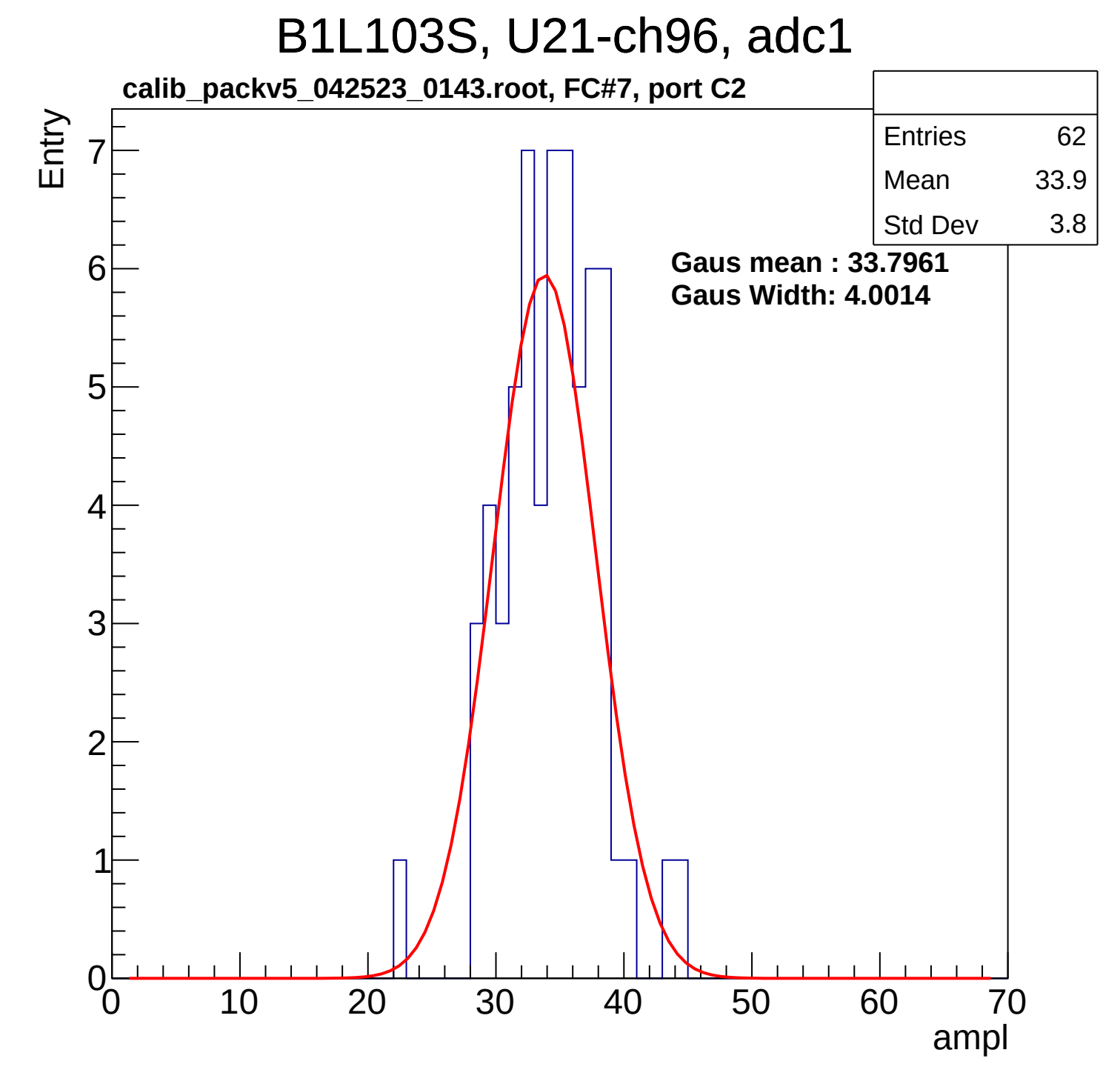
B1L103S, U21-ch96, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 33.9
Std Dev 3.8
Gaus mean : 33.7961
Gaus Width: 4.0014
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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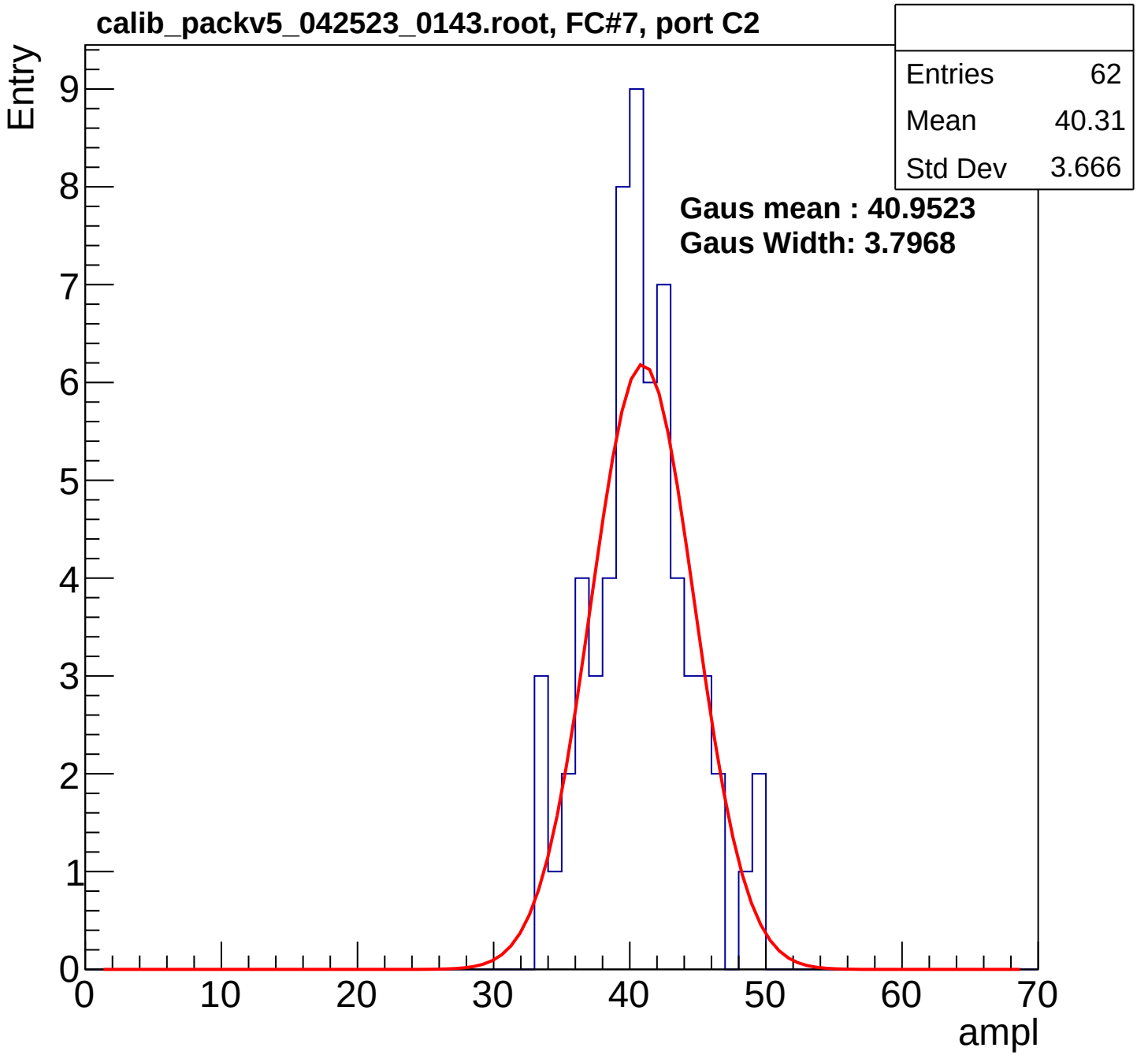
B1L103S, U21-ch96, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 40.31
Std Dev 3.666
Gaus mean : 40.9523
Gaus Width: 3.7968
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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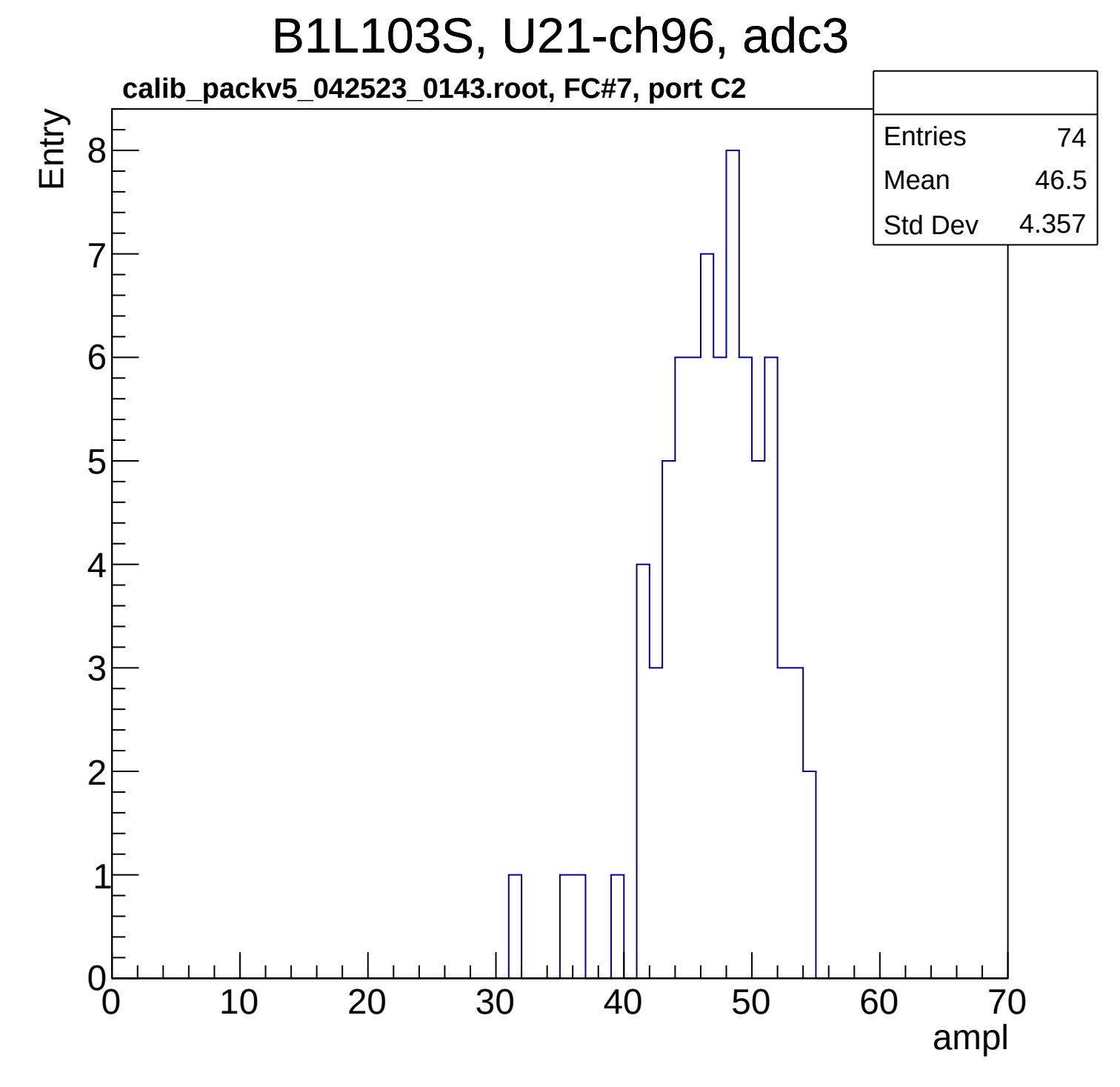
40
50
60
70


B1L103S, U21-ch96, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 46.5
Std Dev 4.357
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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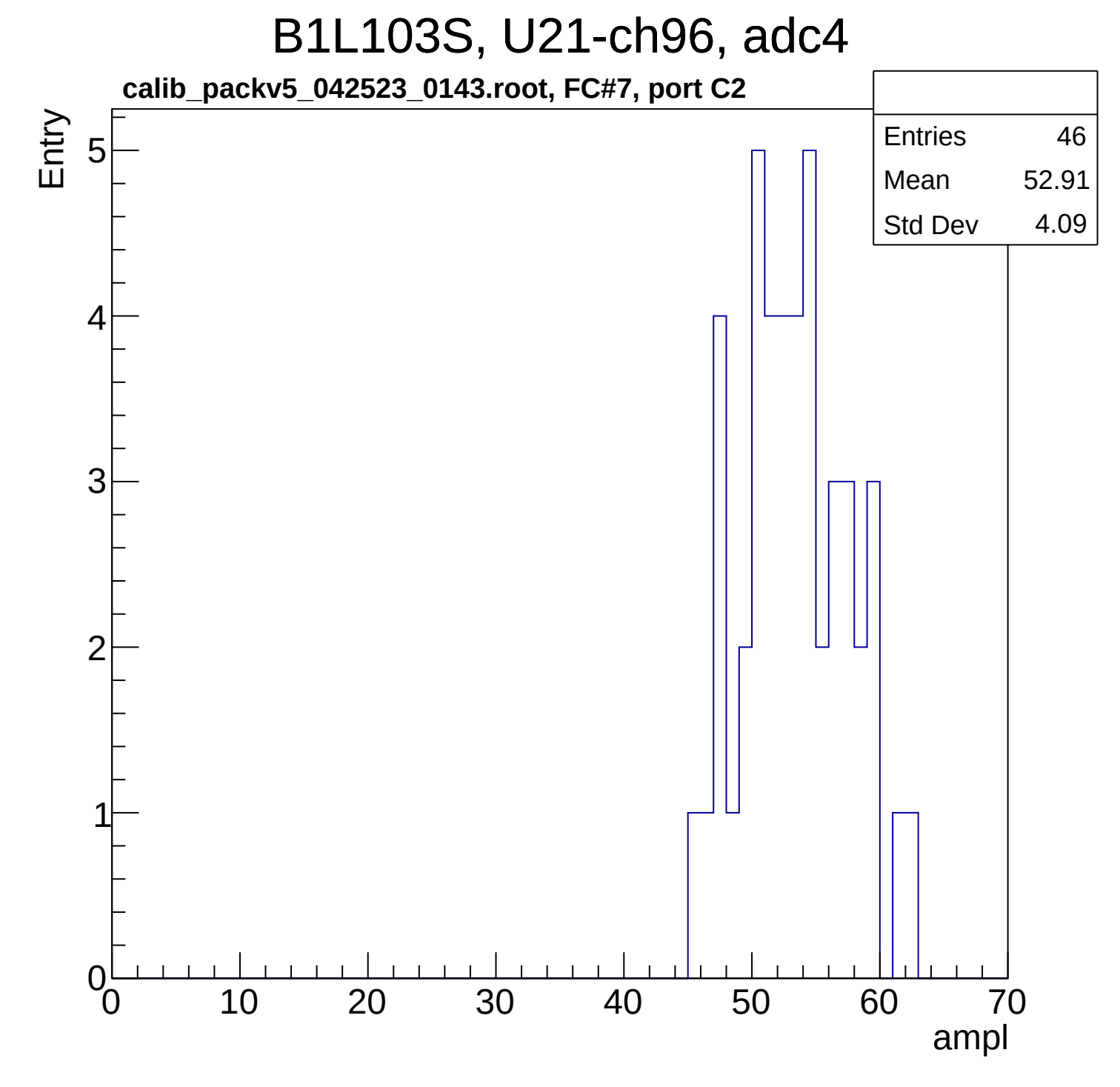
B1L103S, U21-ch96, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 46
Mean 52.91
Std Dev 4.09
Entry
0
1
2
3
4
5
0
10
20
30
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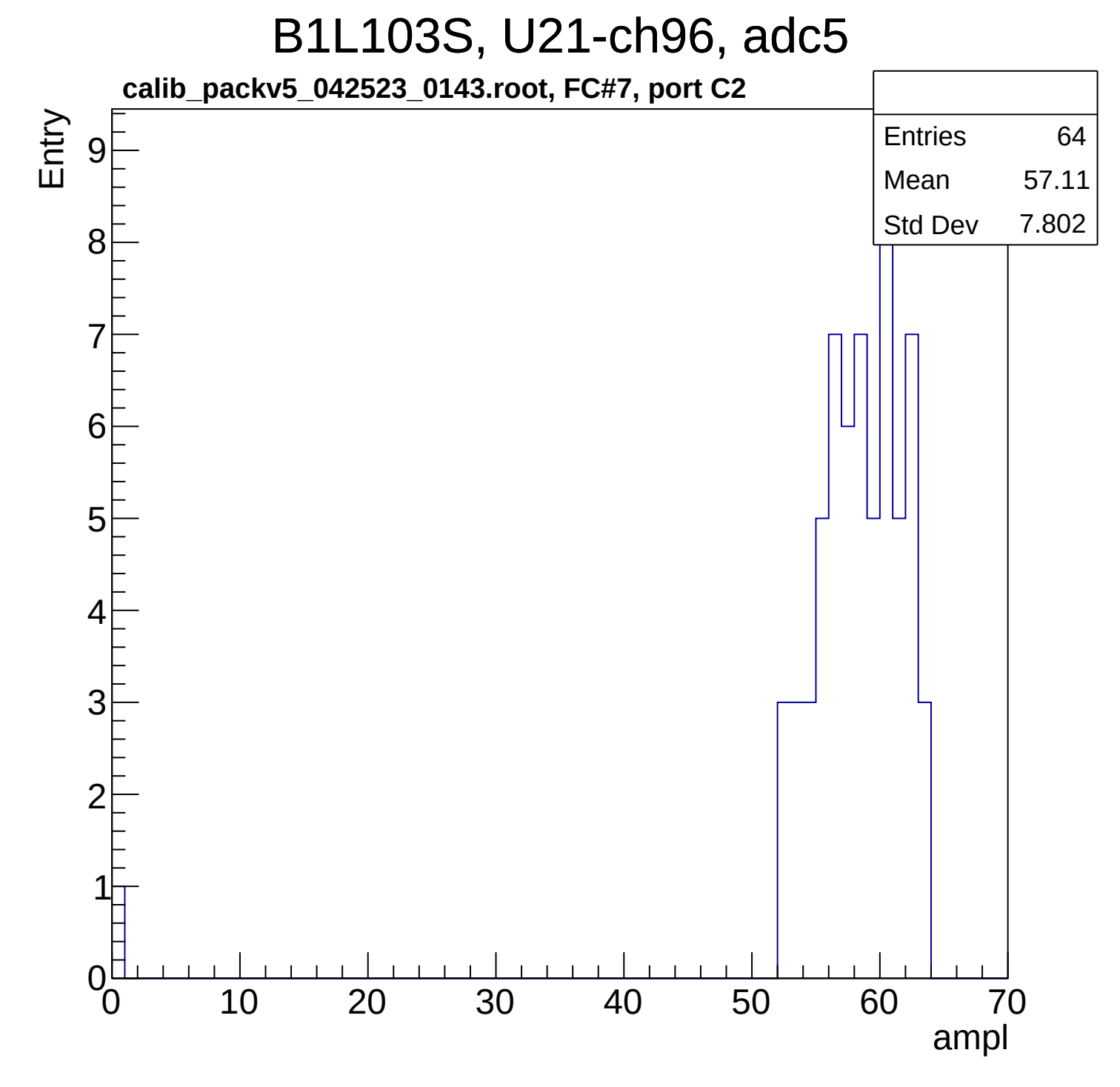
50
60
70
ampl


B1L103S, U21-ch96, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 57.11
Std Dev 7.802
Entry
ampl
0
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2
3
4
5
6
7
8
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0
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20
30
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60
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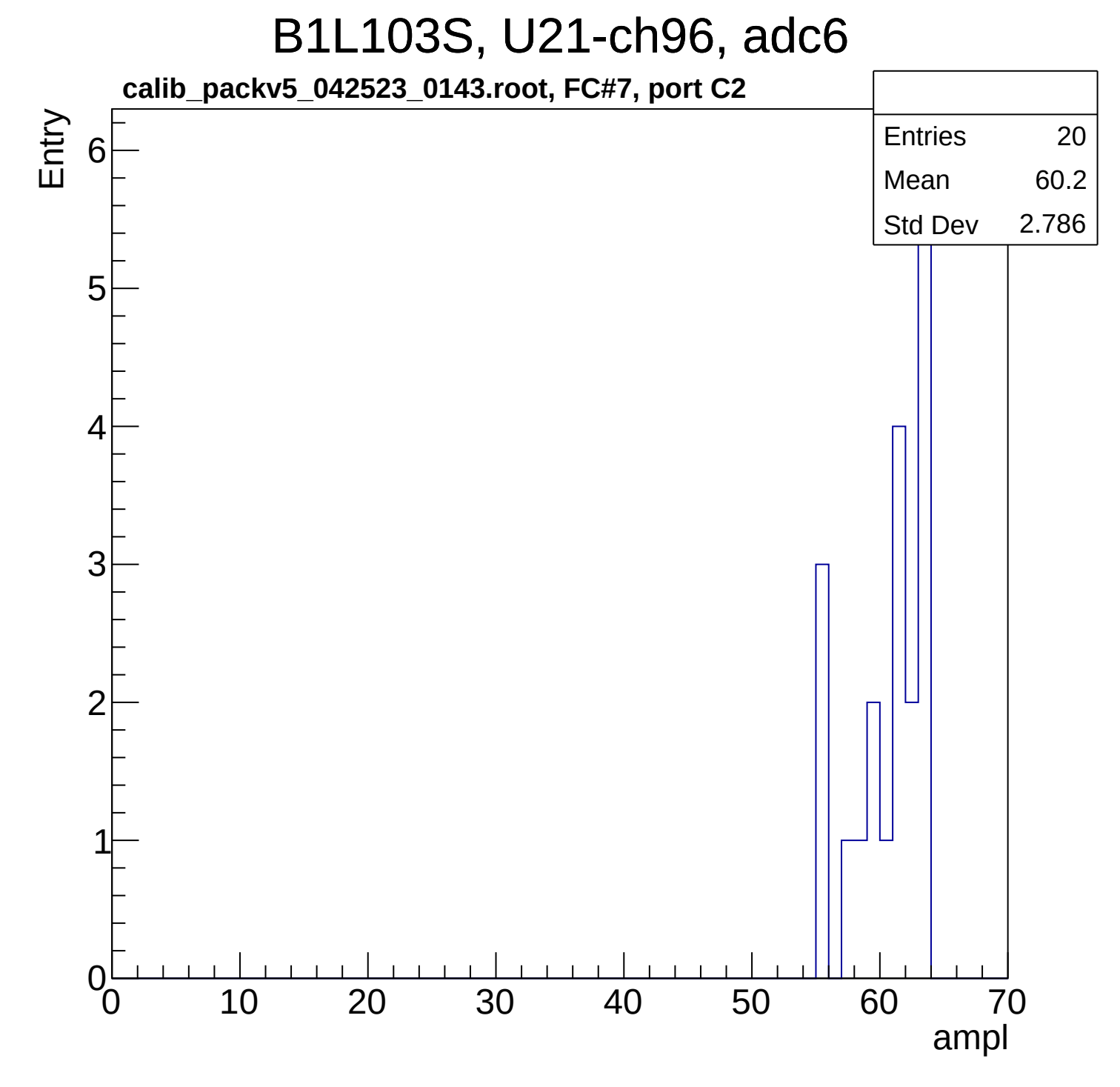
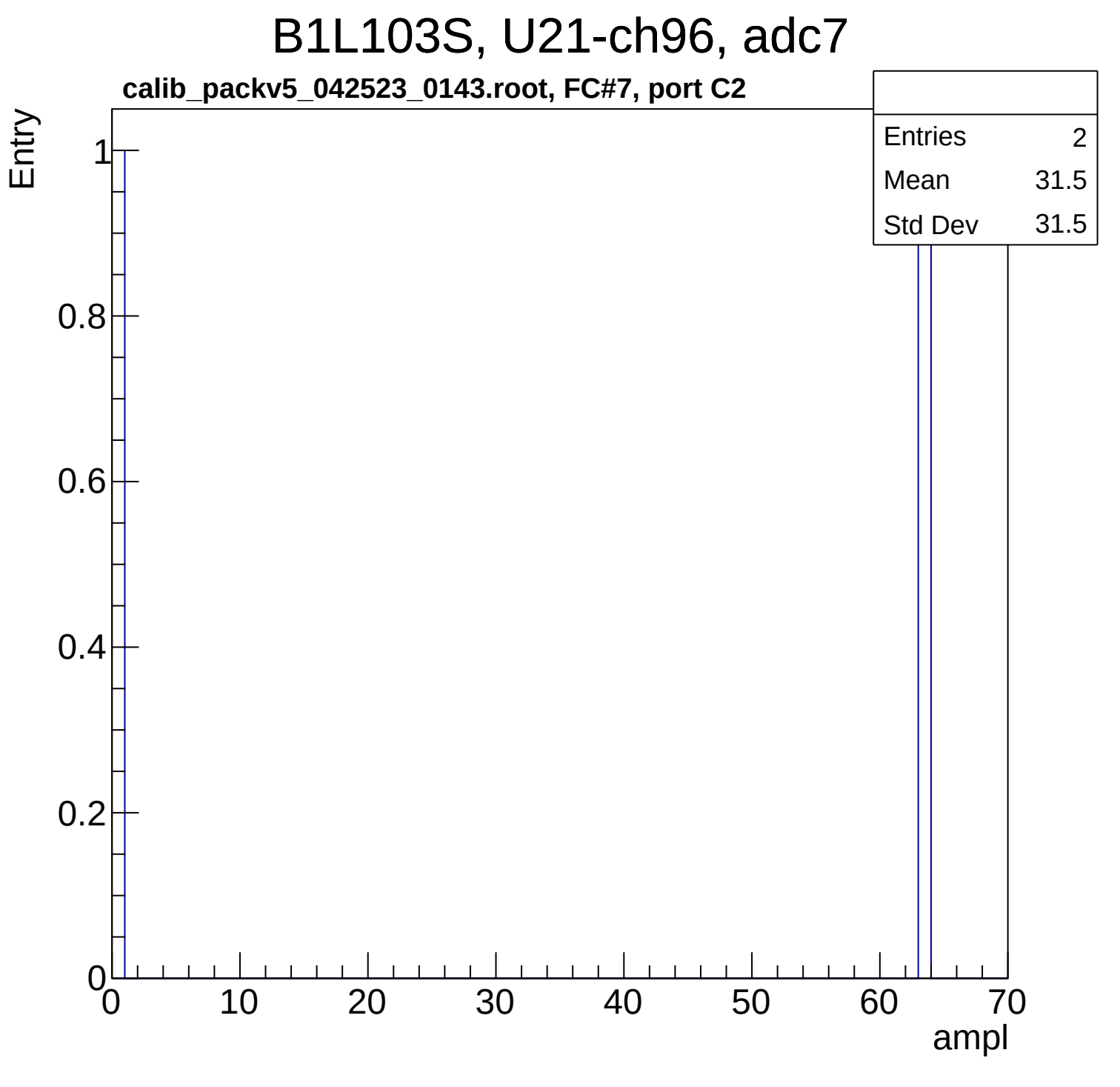
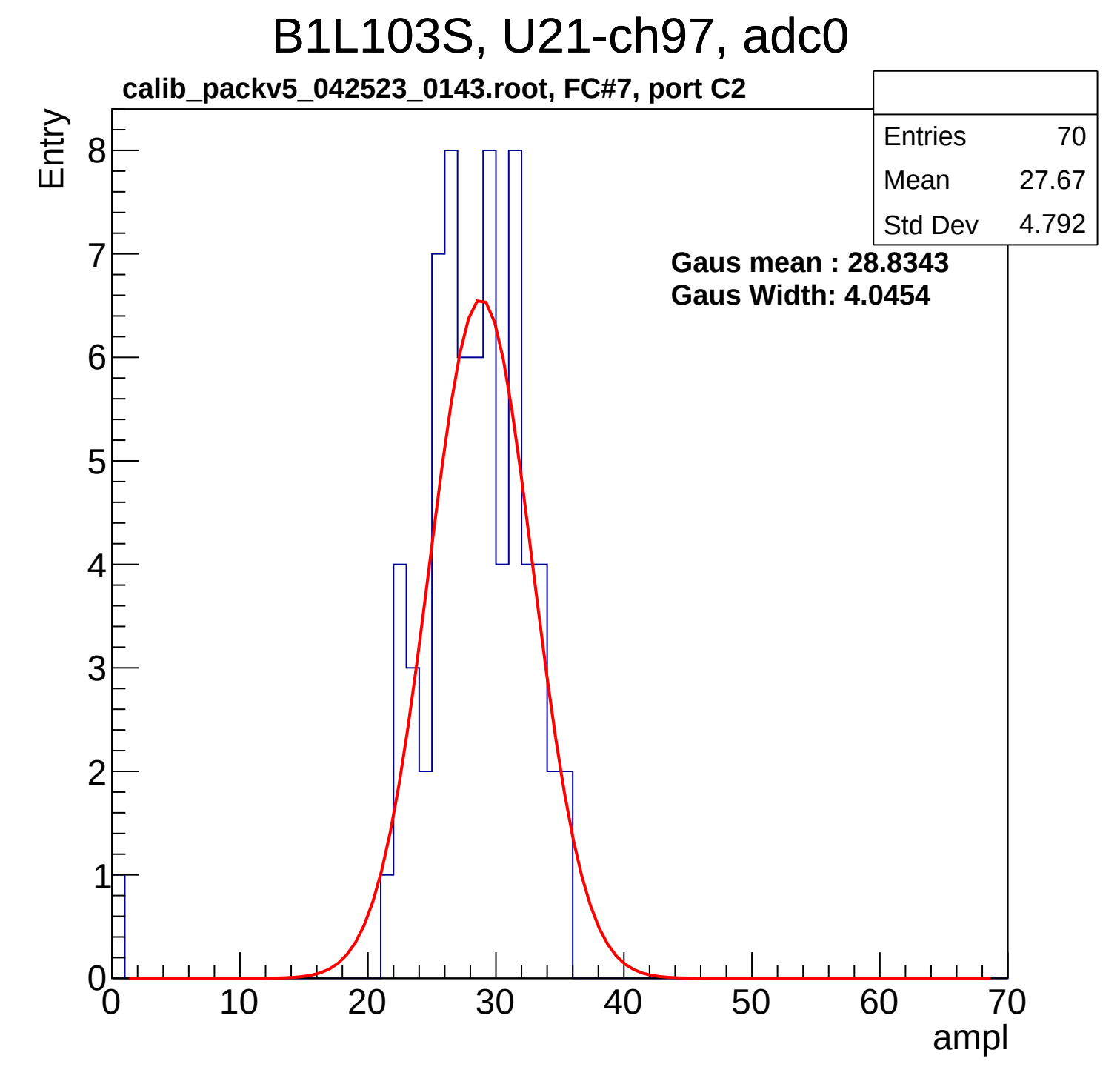

B1L103S, U21-ch96, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 20
Mean 60.2
Std Dev 2.786
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch96, 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, U21-ch97, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 27.67
Std Dev 4.792
Gaus mean : 28.8343
Gaus Width: 4.0454
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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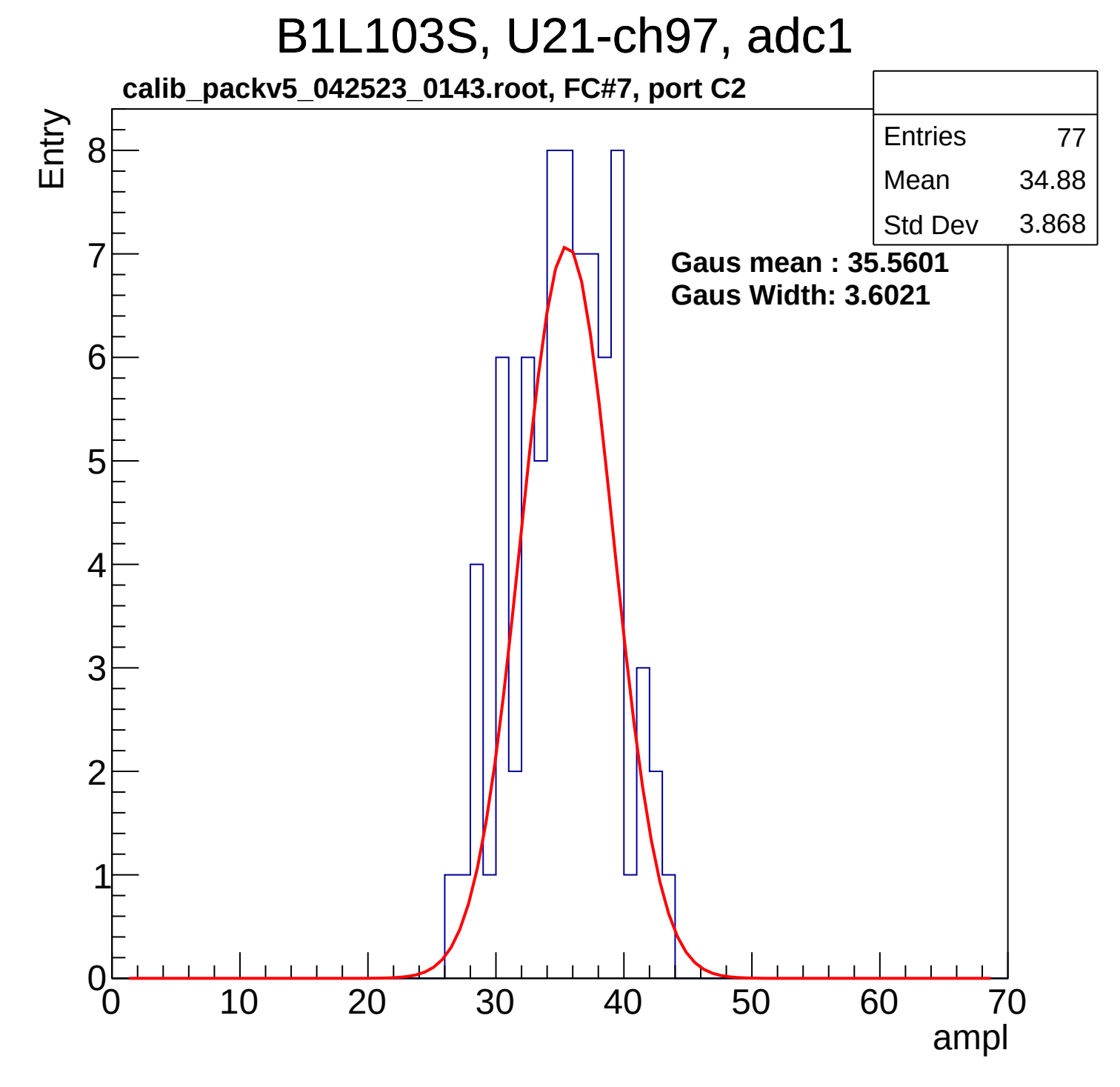
B1L103S, U21-ch97, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 77
Mean 34.88
Std Dev 3.868
Gaus mean : 35.5601
Gaus Width: 3.6021
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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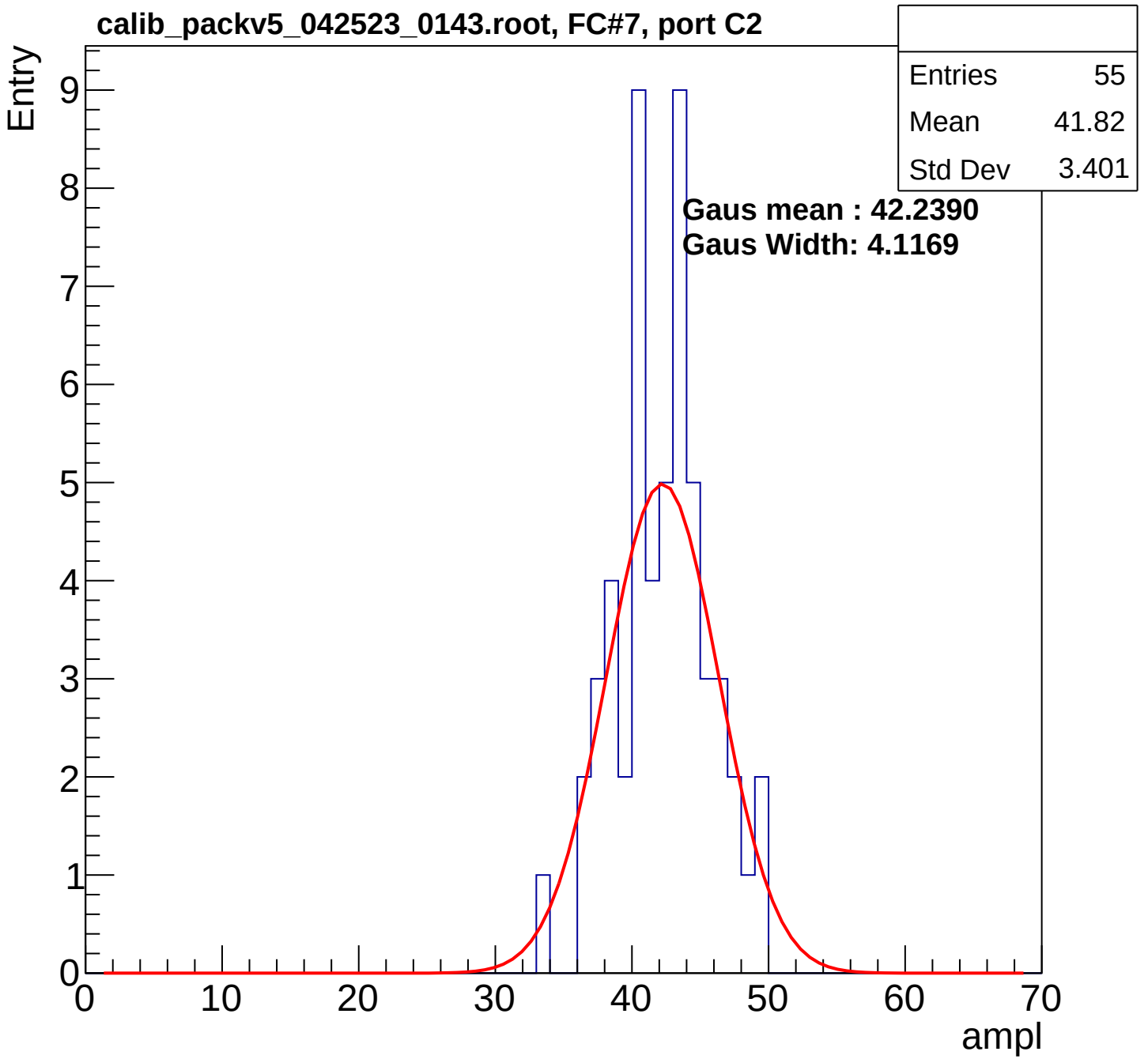
B1L103S, U21-ch97, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 41.82
Std Dev 3.401
Gaus mean : 42.2390
Gaus Width: 4.1169
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
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60
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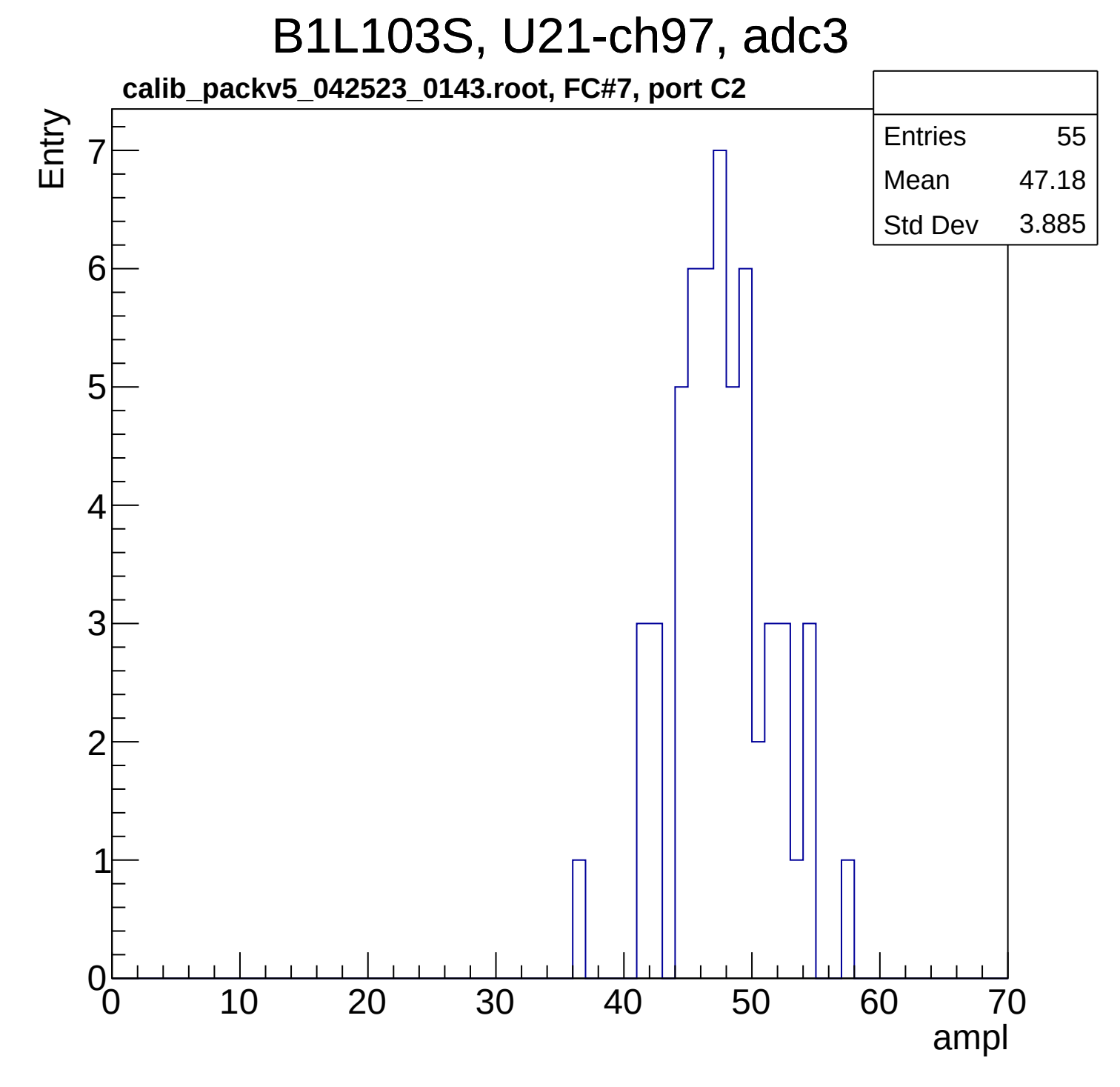
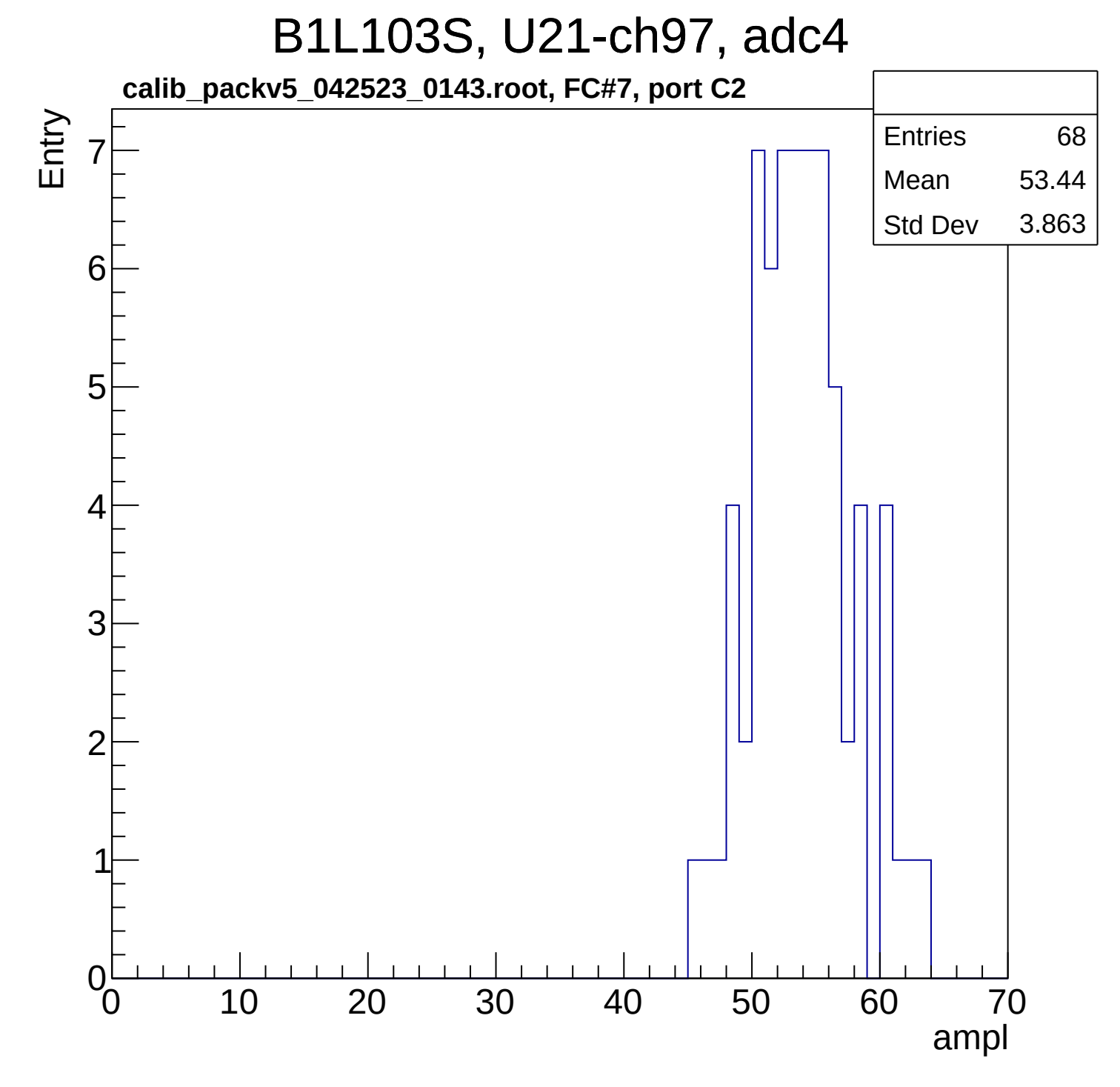

B1L103S, U21-ch97, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 47.18
Std Dev 3.885
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch97, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 53.44
Std Dev 3.863
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
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60
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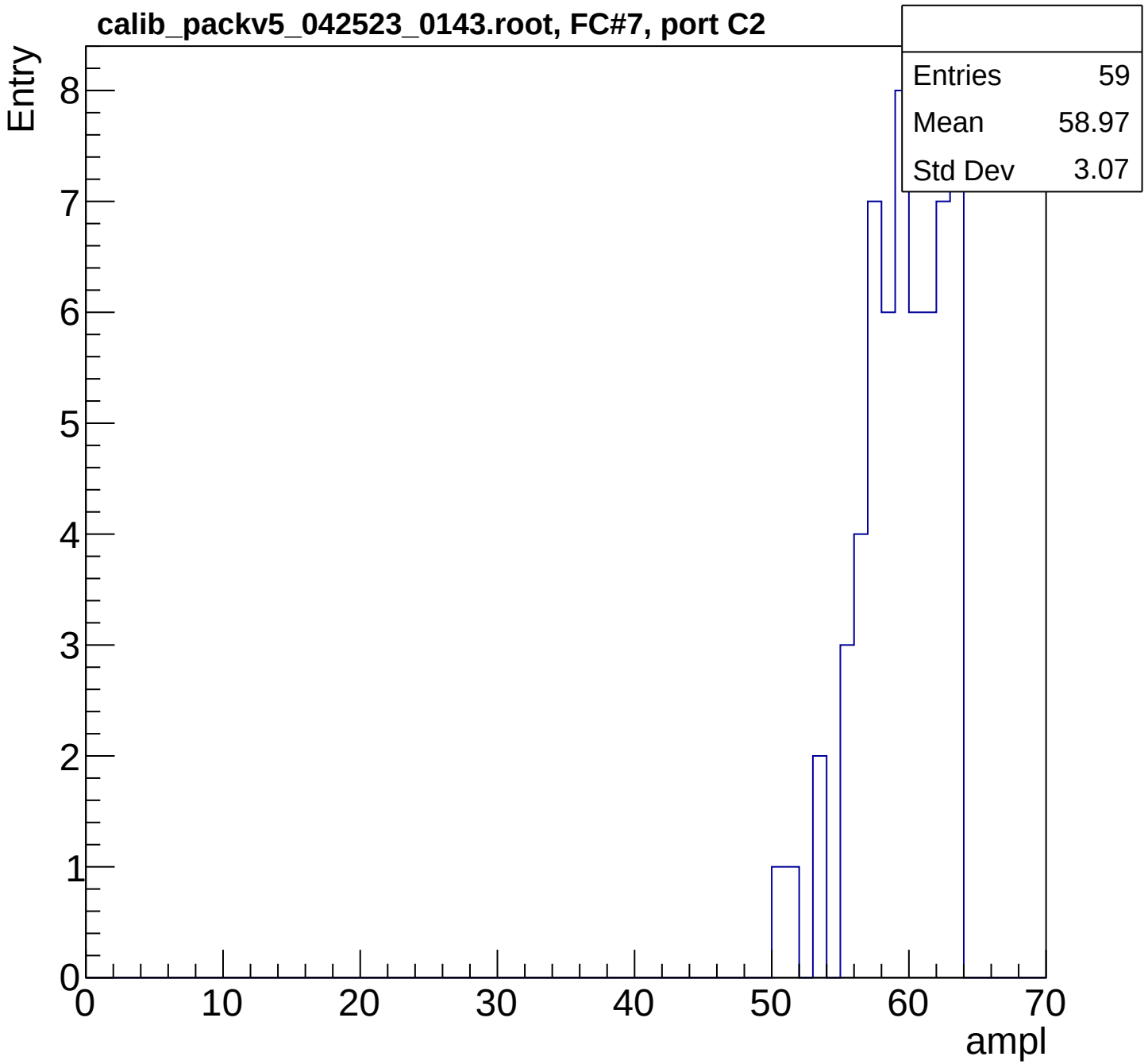
B1L103S, U21-ch97, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 58.97
Std Dev 3.07
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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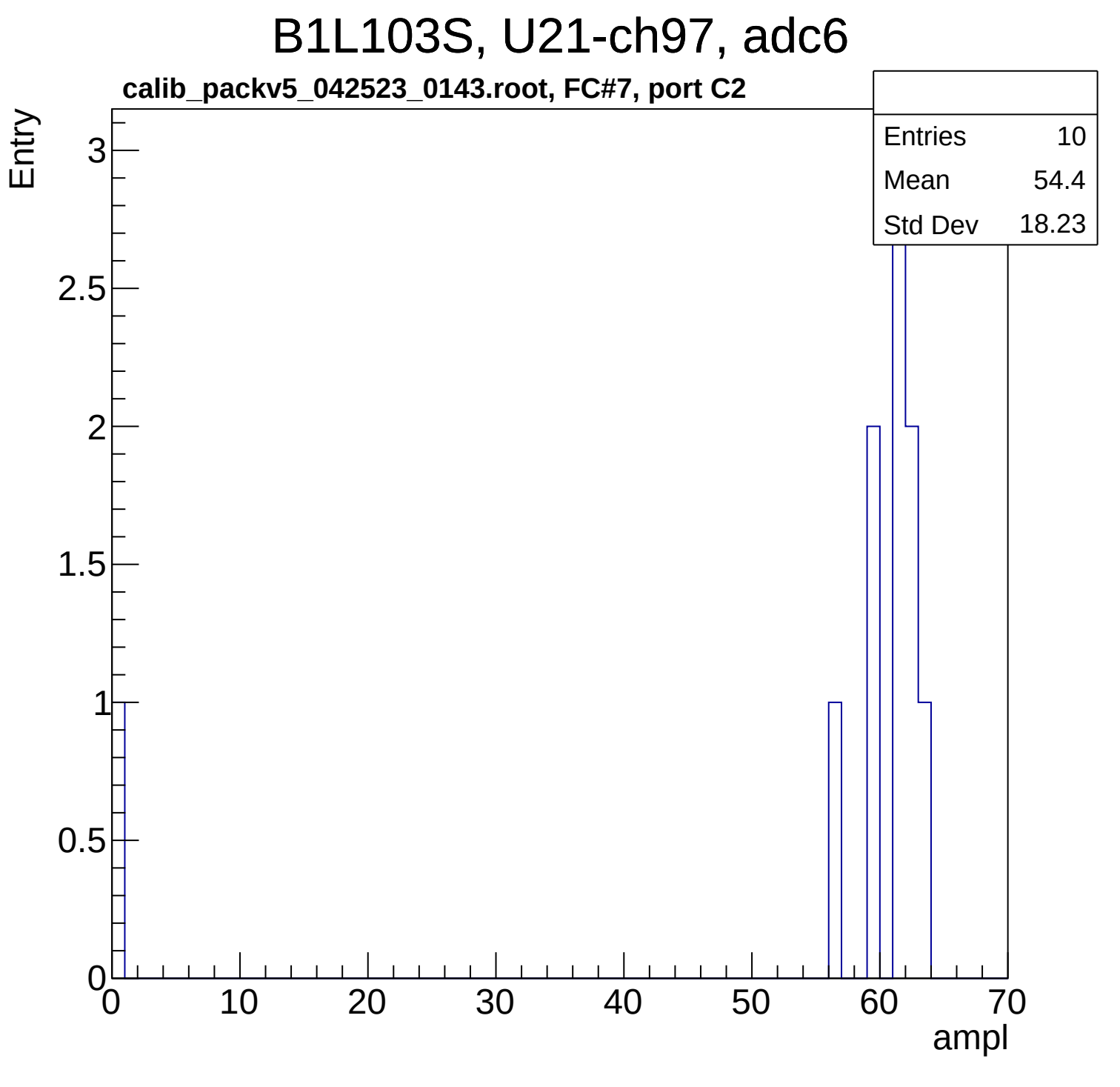
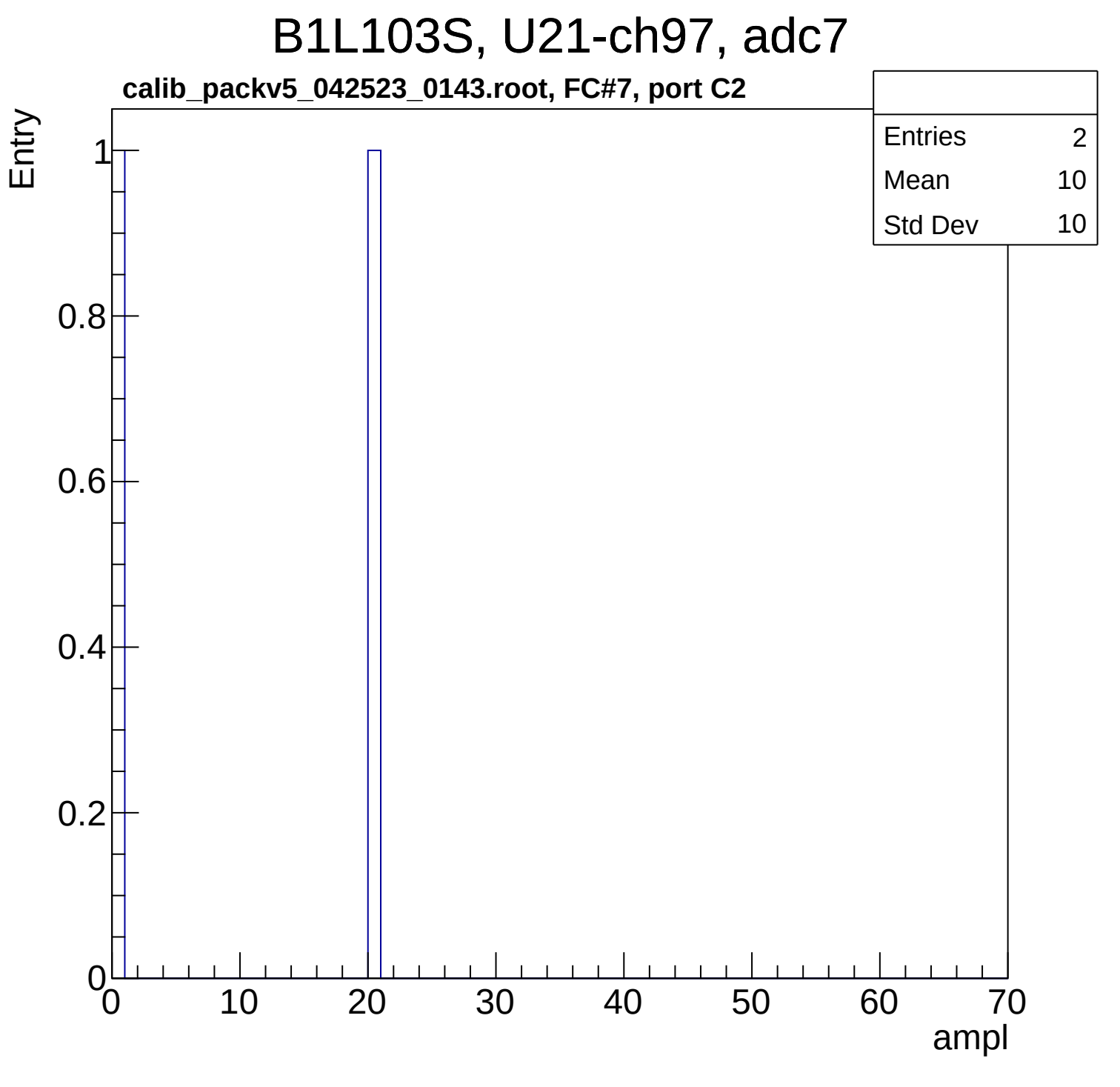

B1L103S, U21-ch97, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 10
Mean 54.4
Std Dev 18.23
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U21-ch97, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 10
Std Dev 10
Entry
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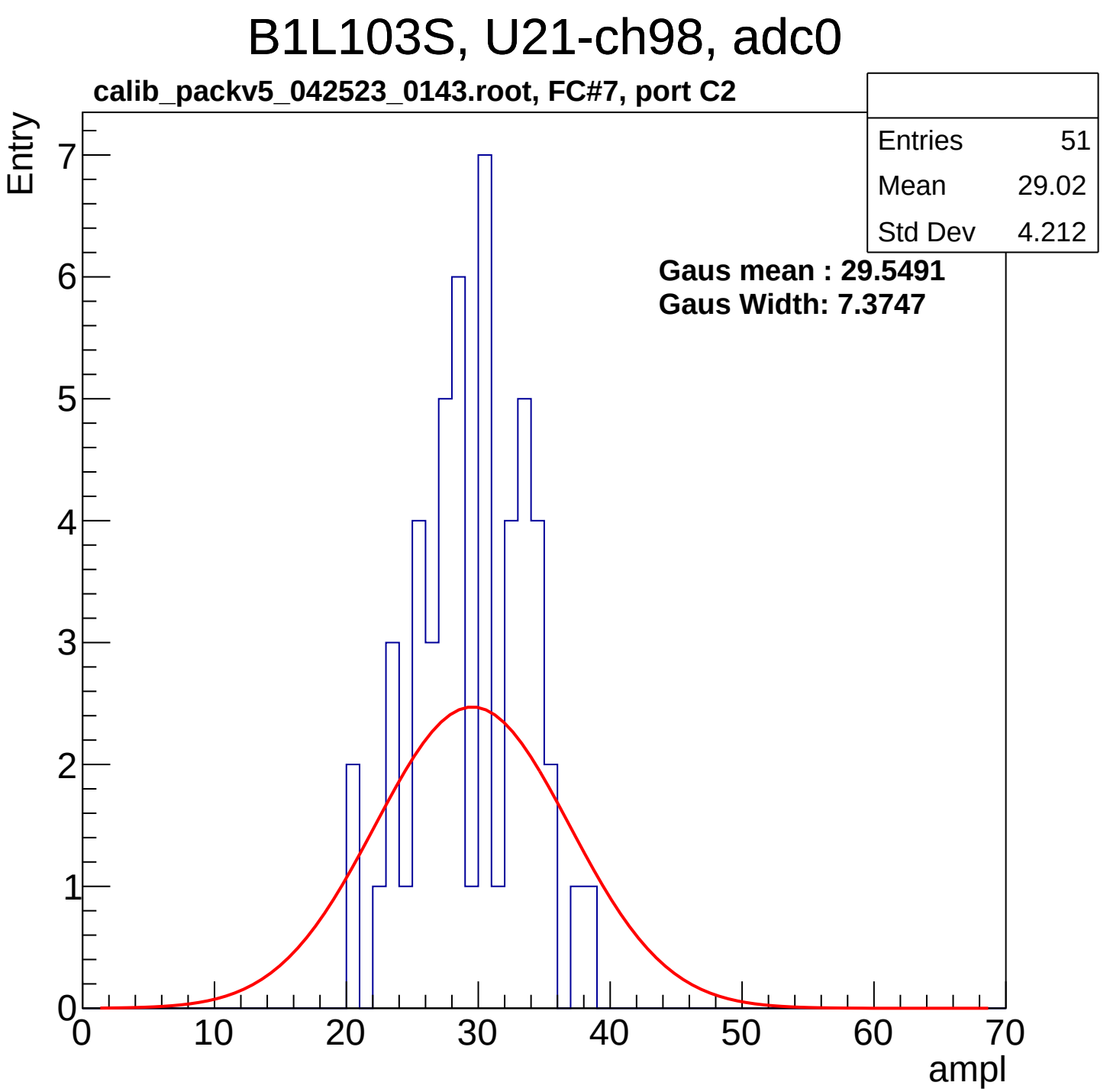
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch98, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 29.02
Std Dev 4.212
Gaus mean : 29.5491
Gaus Width: 7.3747
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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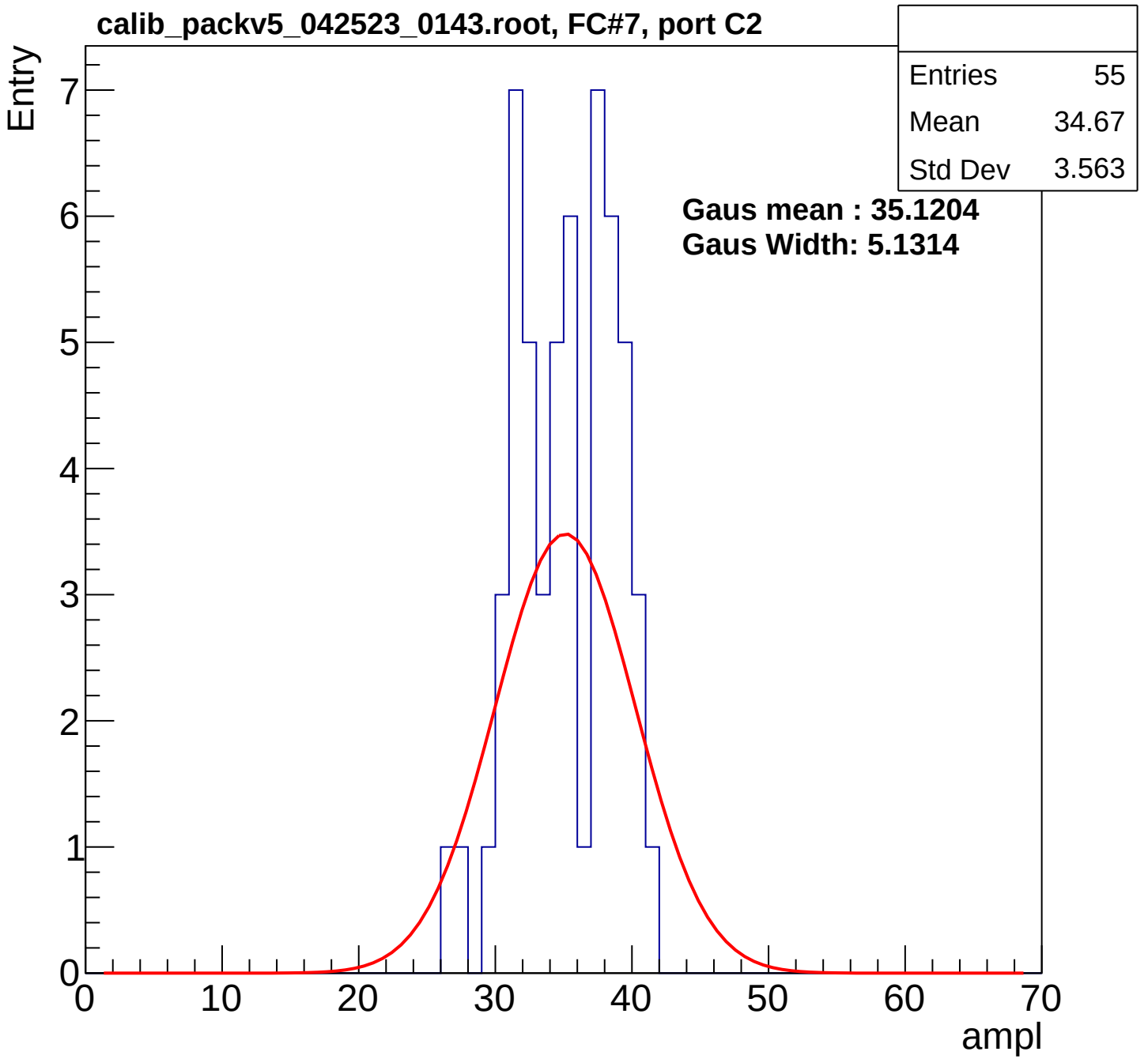
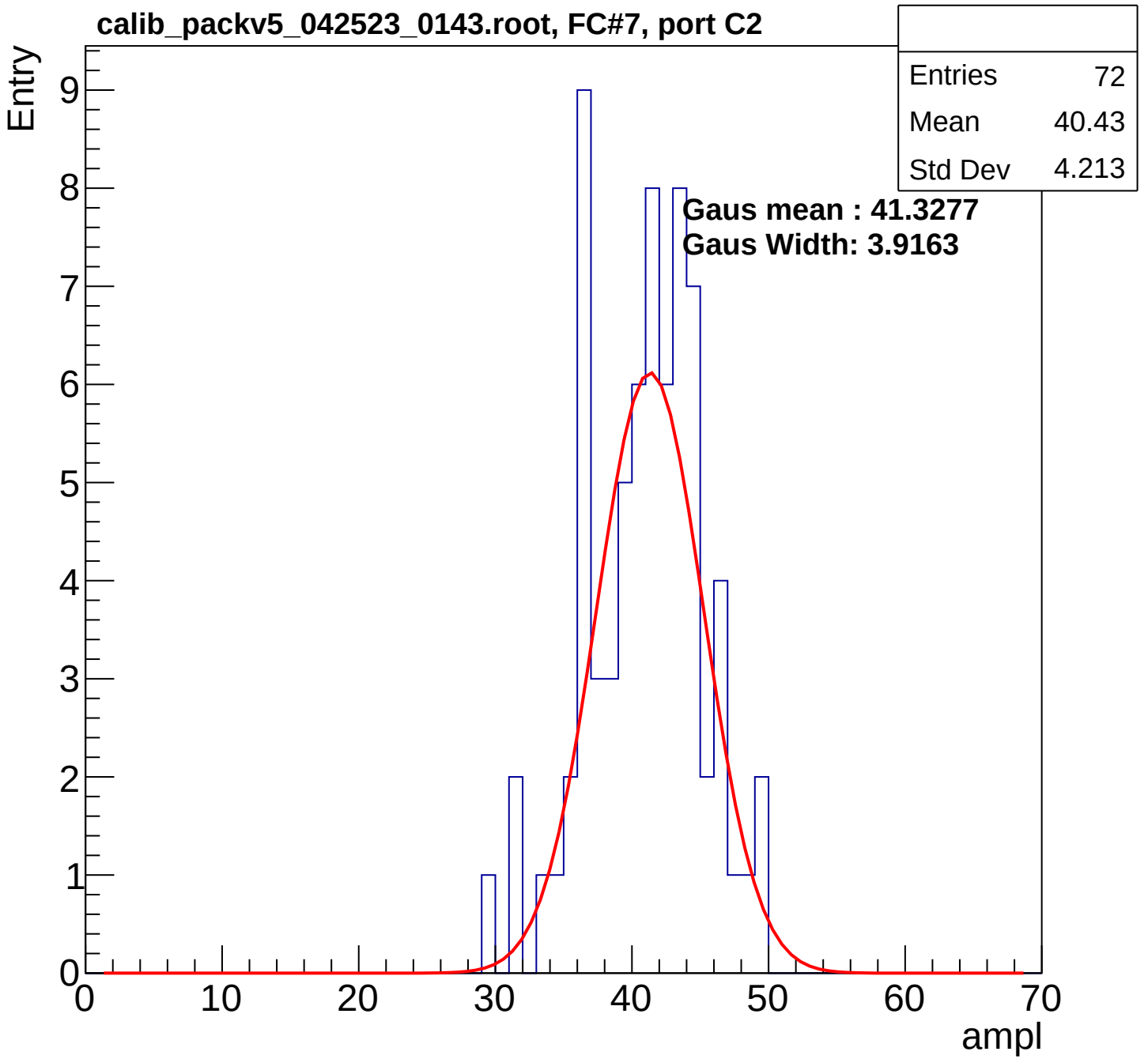

B1L103S, U21-ch98, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 34.67
Std Dev 3.563
Gaus mean : 35.1204
Gaus Width: 5.1314
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch98, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 40.43
Std Dev 4.213
Gaus mean : 41.3277
Gaus Width: 3.9163
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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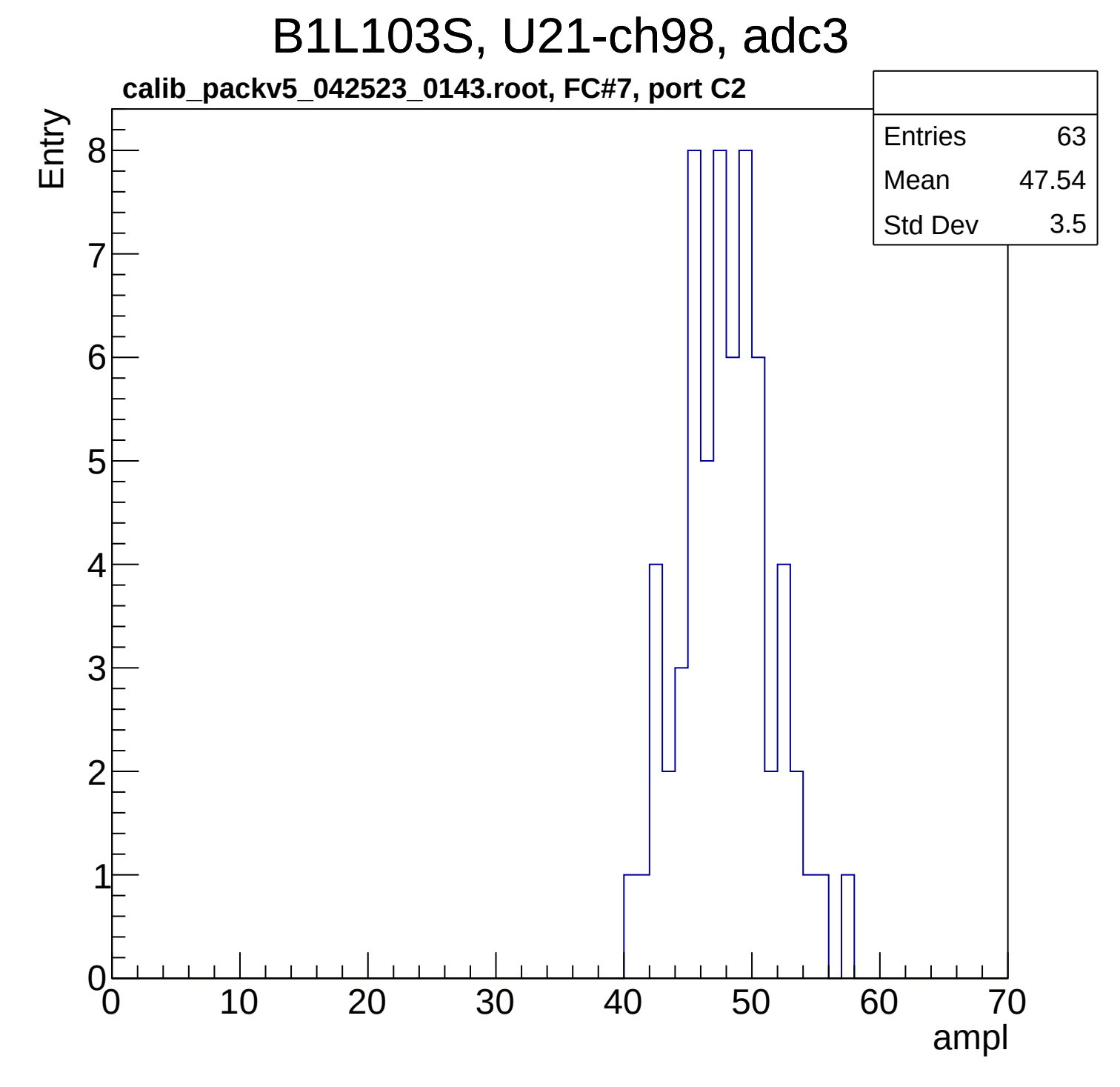
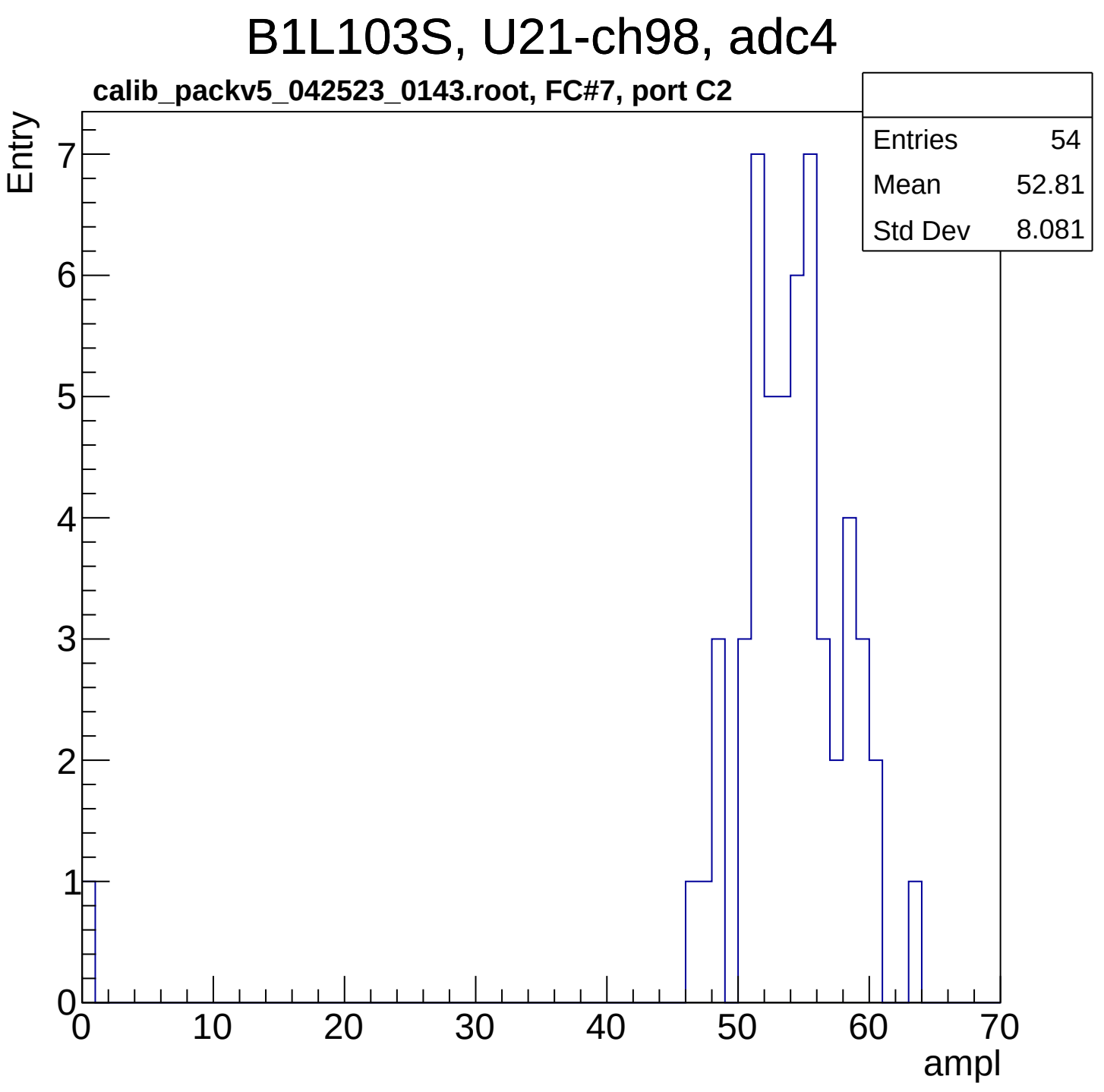

B1L103S, U21-ch98, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 47.54
Std Dev 3.5
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch98, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 52.81
Std Dev 8.081
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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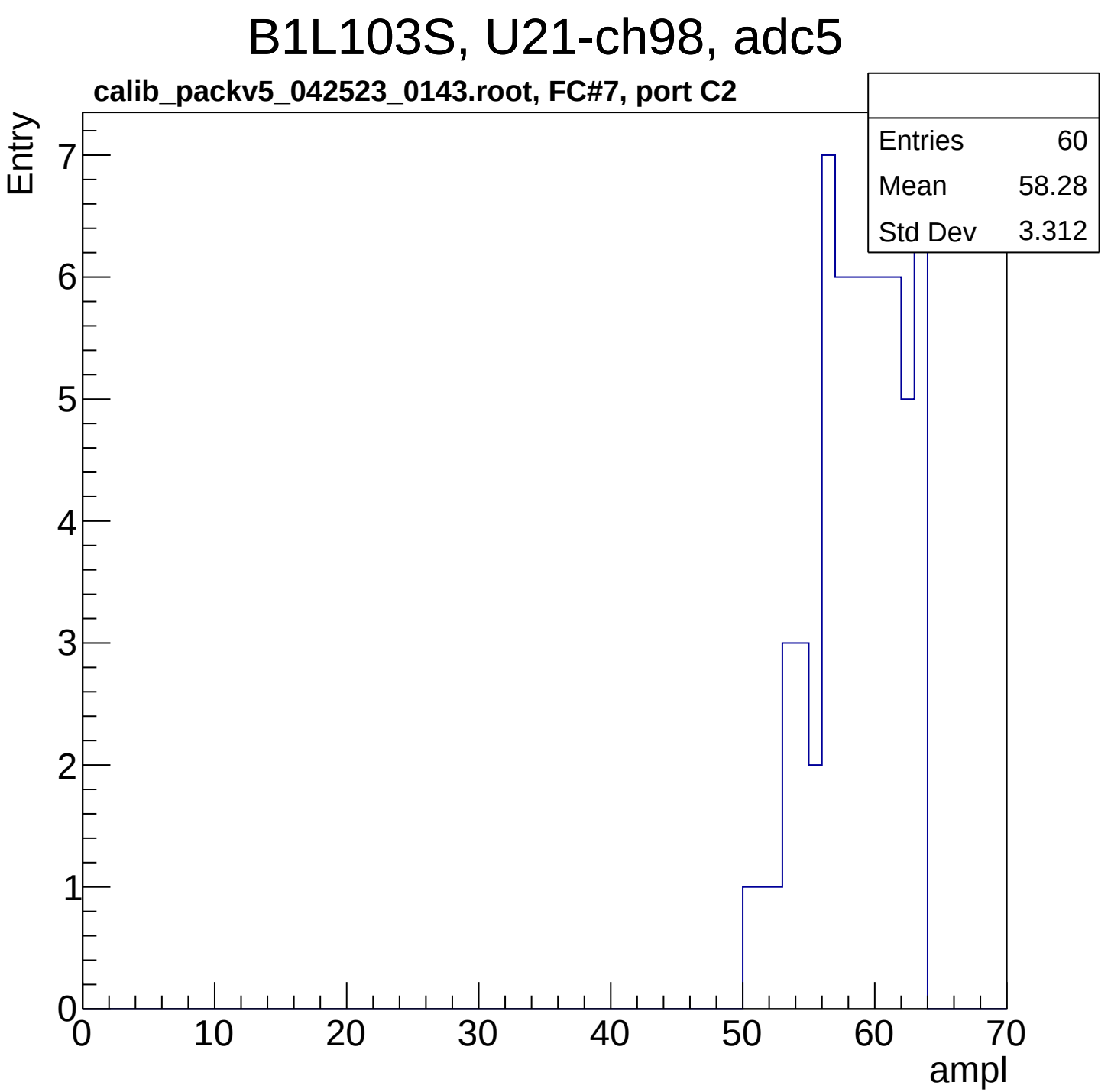
B1L103S, U21-ch98, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 58.28
Std Dev 3.312
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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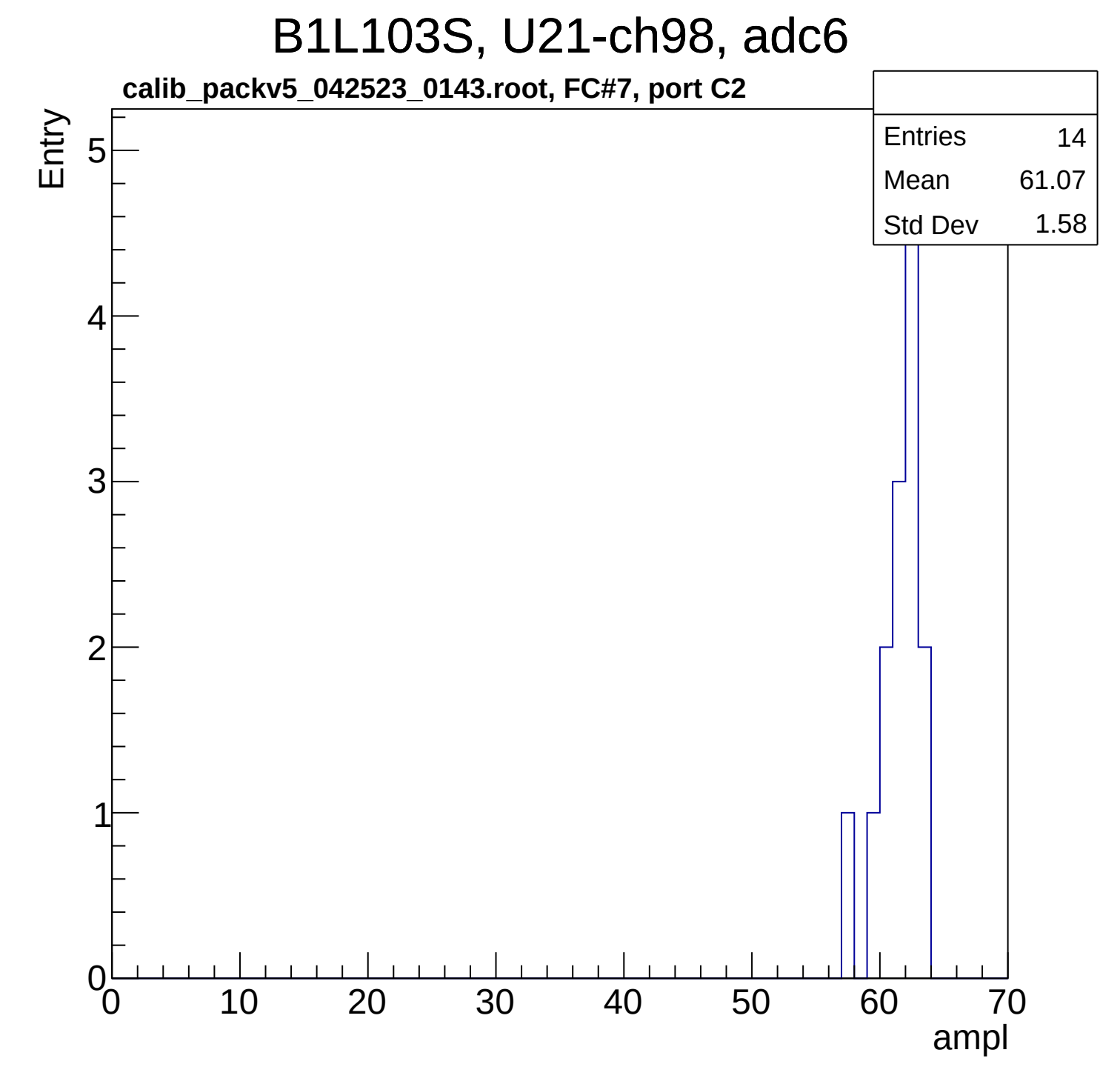
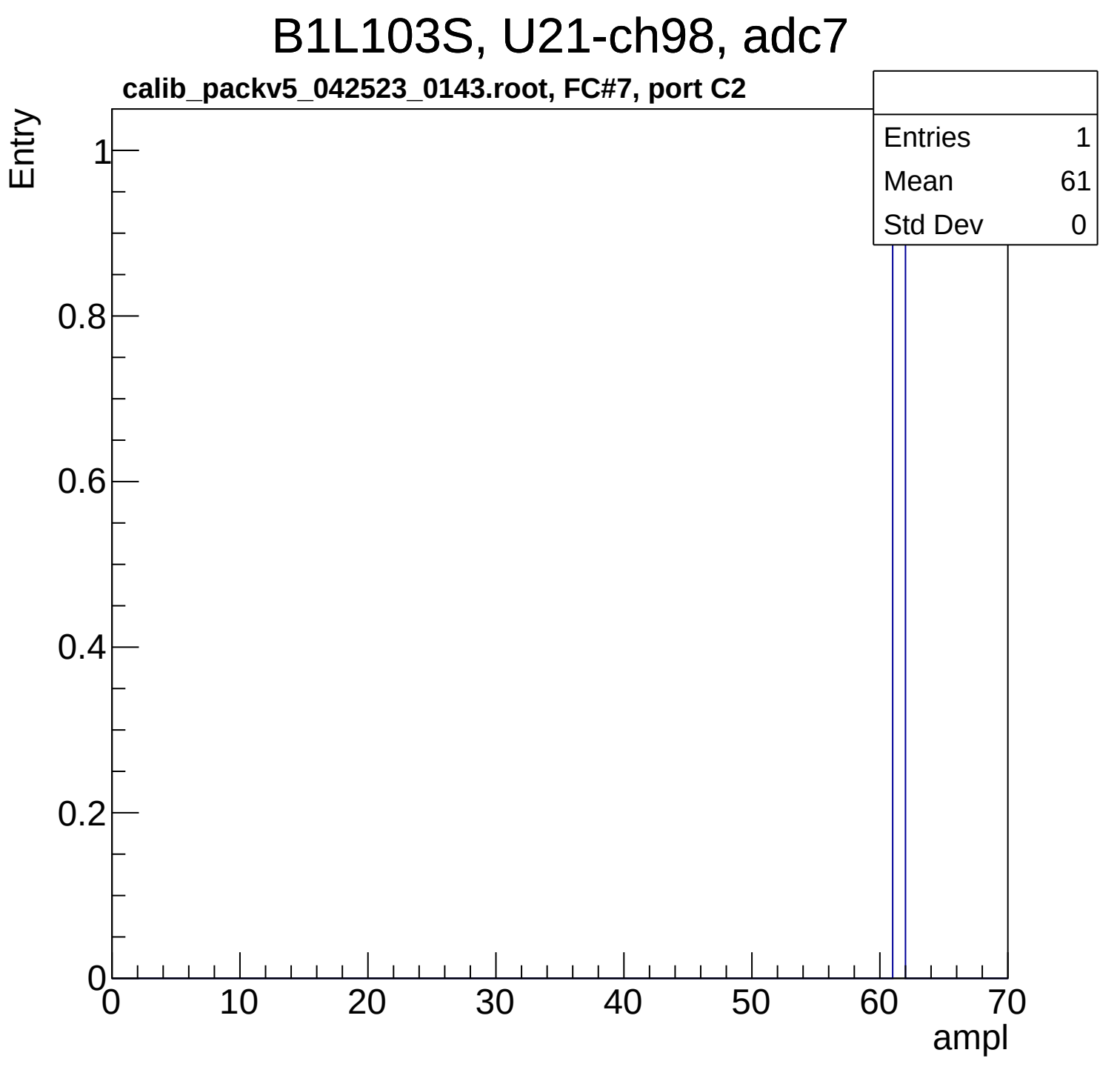

B1L103S, U21-ch98, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 14
Mean 61.07
Std Dev 1.58
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L103S, U21-ch98, adc7
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
0.2
0
0
10
20
30
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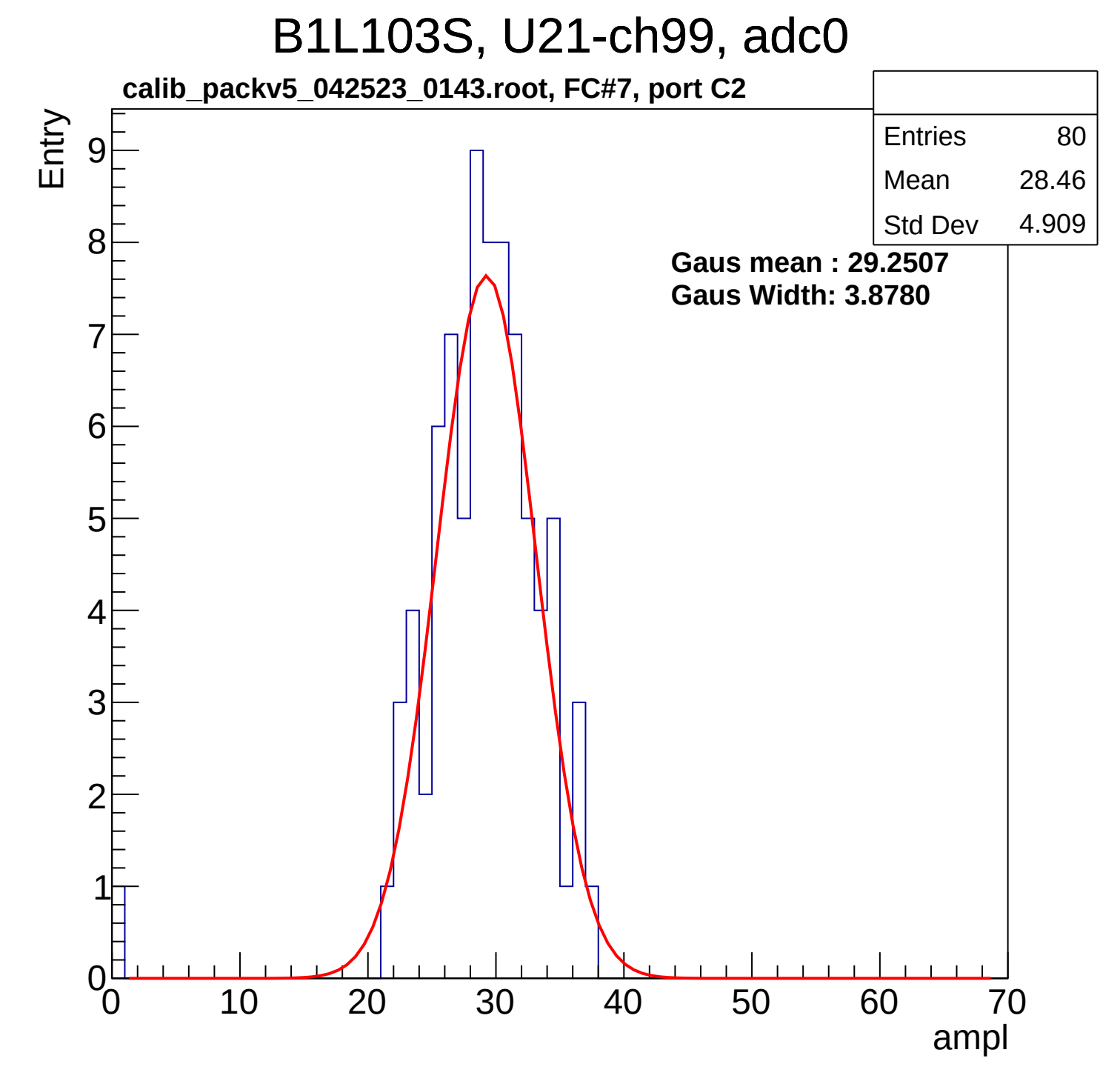
50
60
70
ampl


B1L103S, U21-ch99, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 80
Mean 28.46
Std Dev 4.909
Gaus mean : 29.2507
Gaus Width: 3.8780
Entry
ampl
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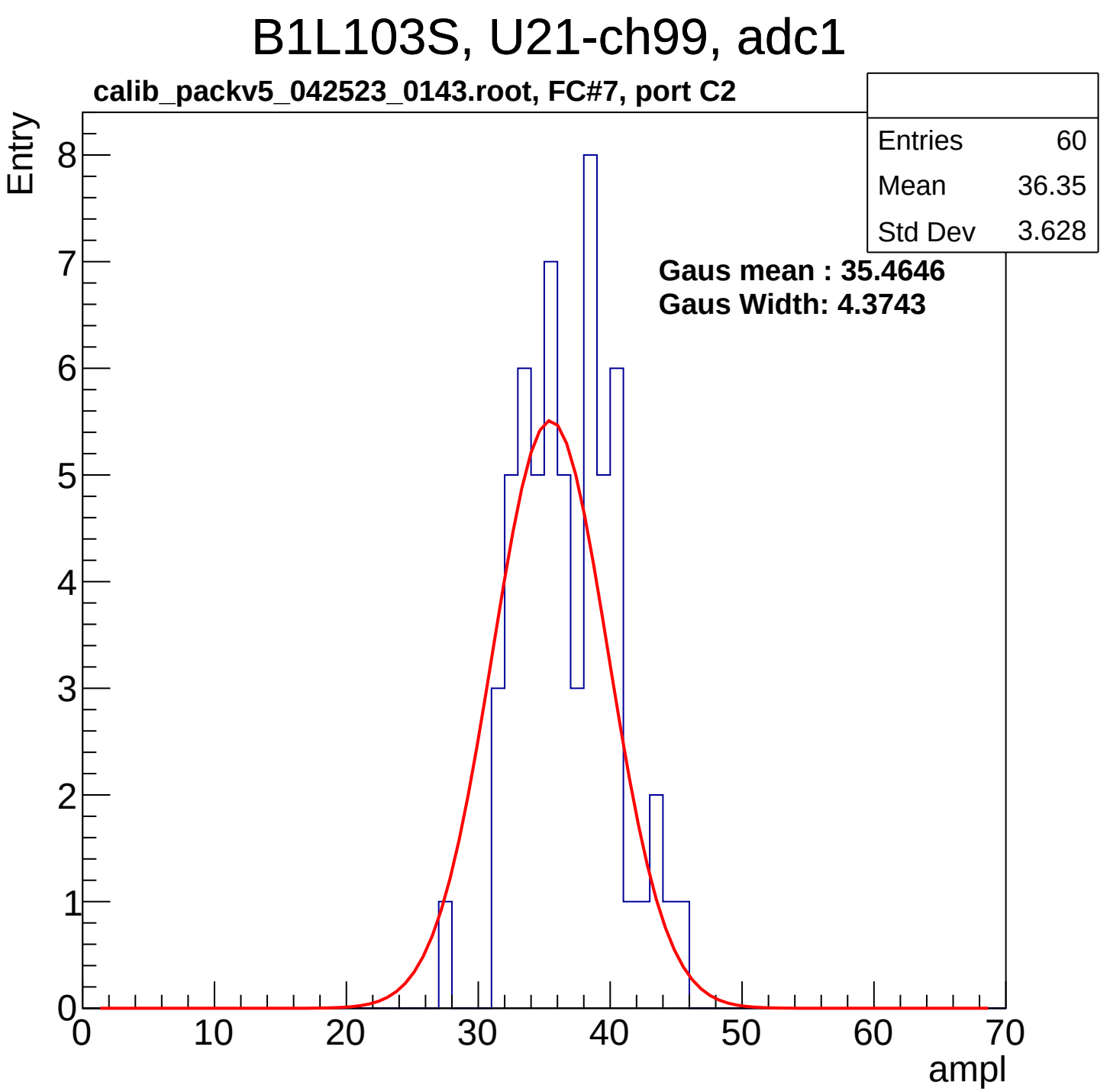
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch99, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 36.35
Std Dev 3.628
Gaus mean : 35.4646
Gaus Width: 4.3743
Entry
ampl
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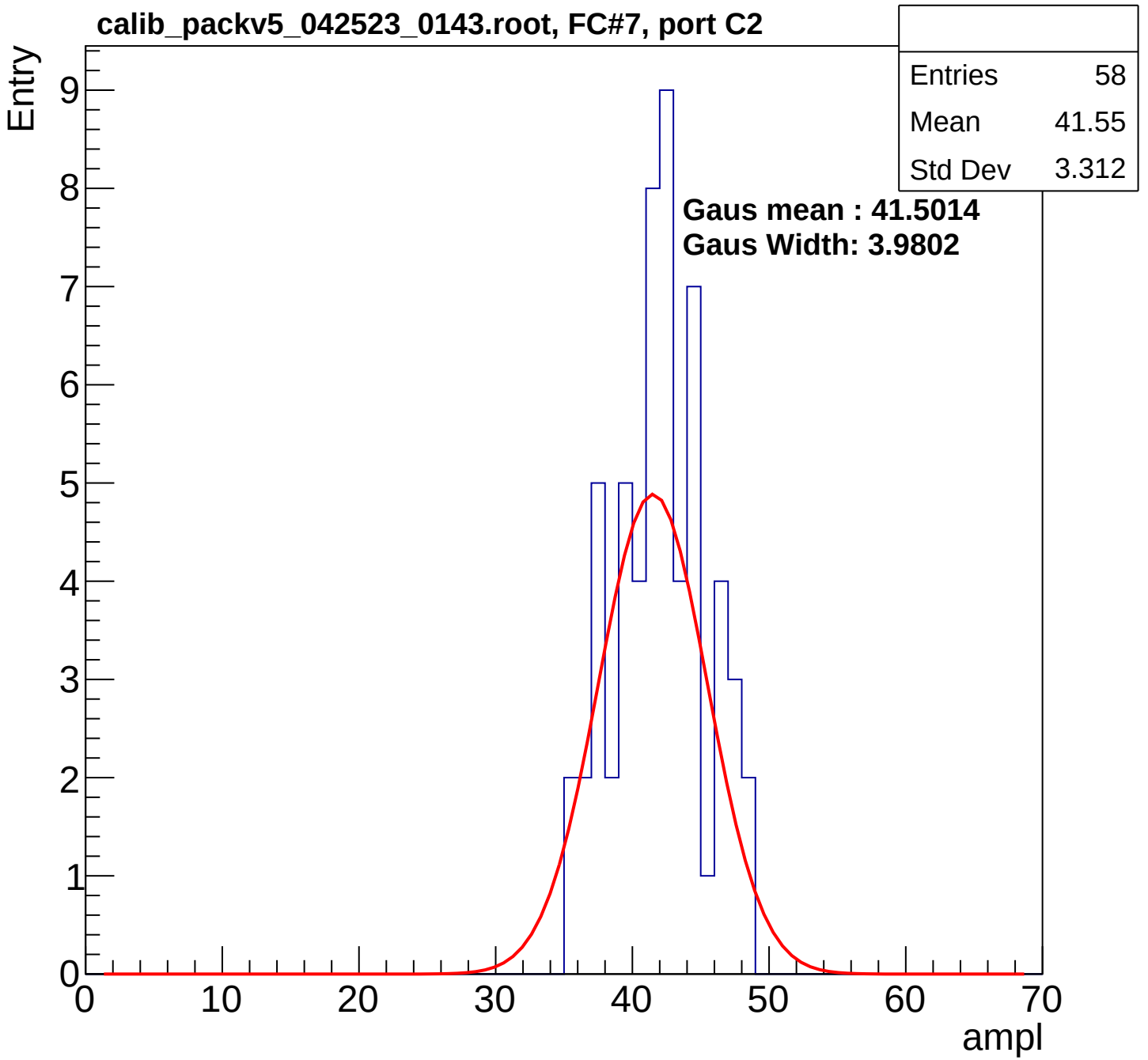
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch99, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 41.55
Std Dev 3.312
Gaus mean : 41.5014
Gaus Width: 3.9802
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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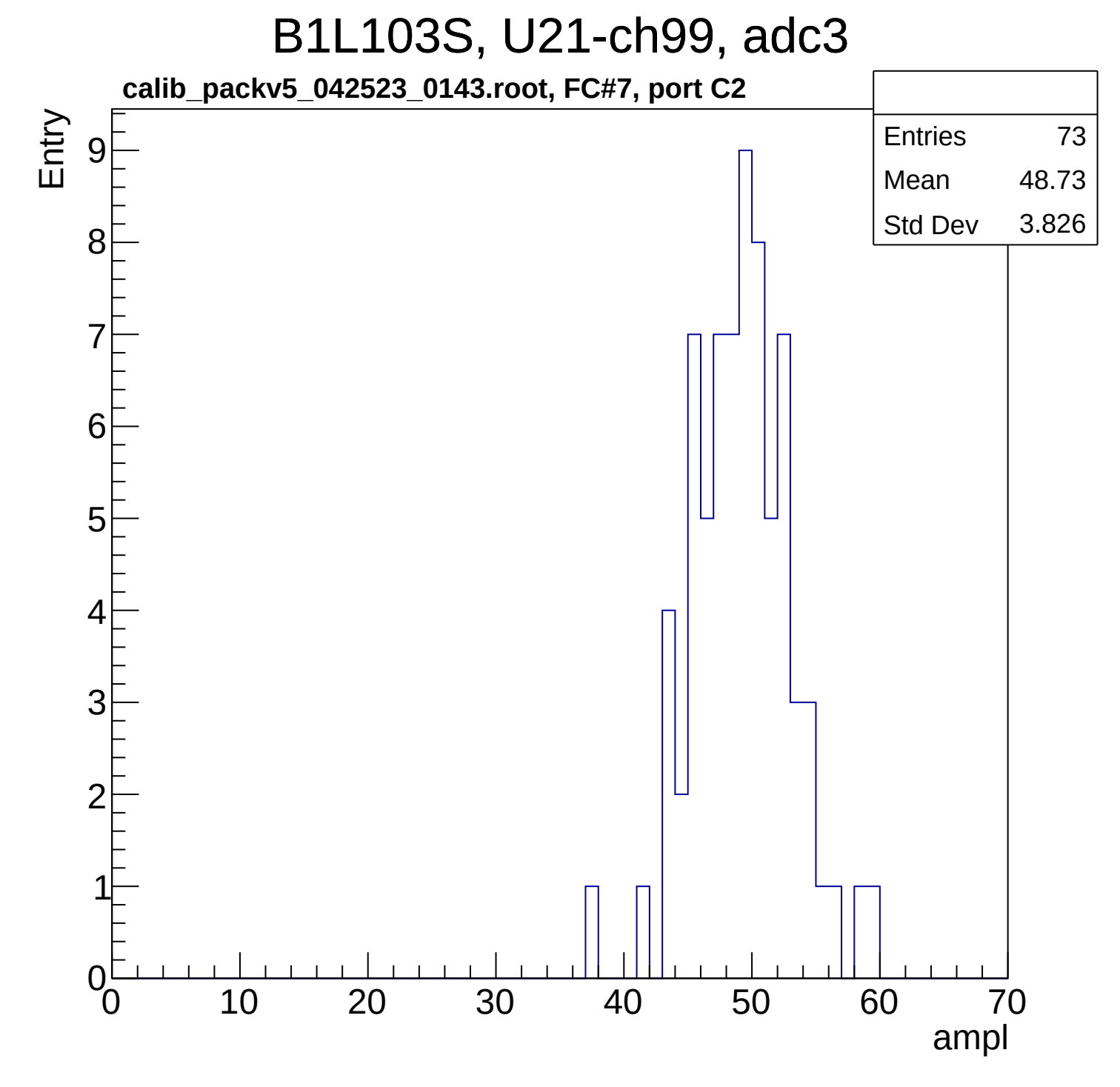
B1L103S, U21-ch99, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 73
Mean 48.73
Std Dev 3.826
Entry
ampl
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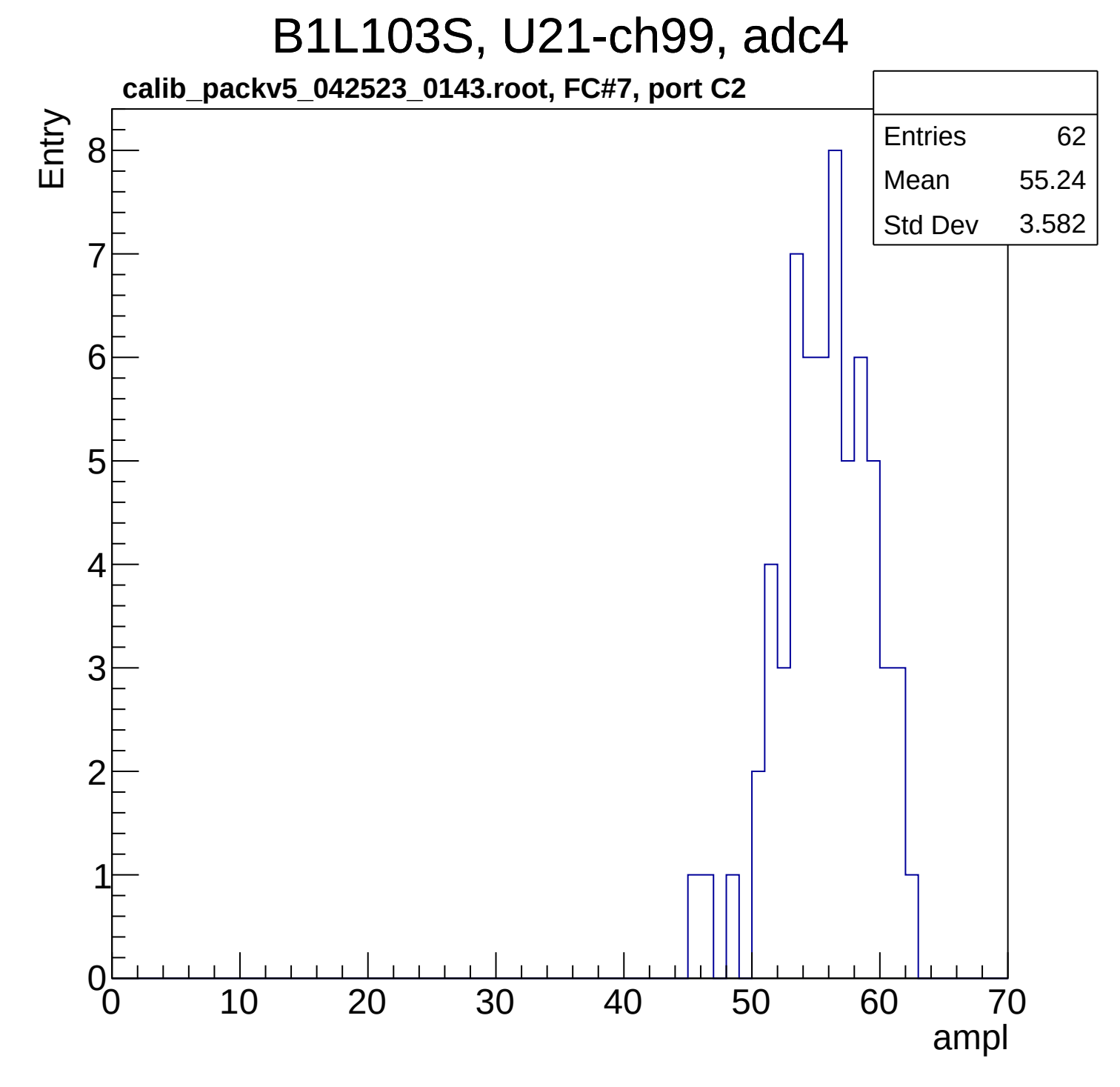
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch99, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 55.24
Std Dev 3.582
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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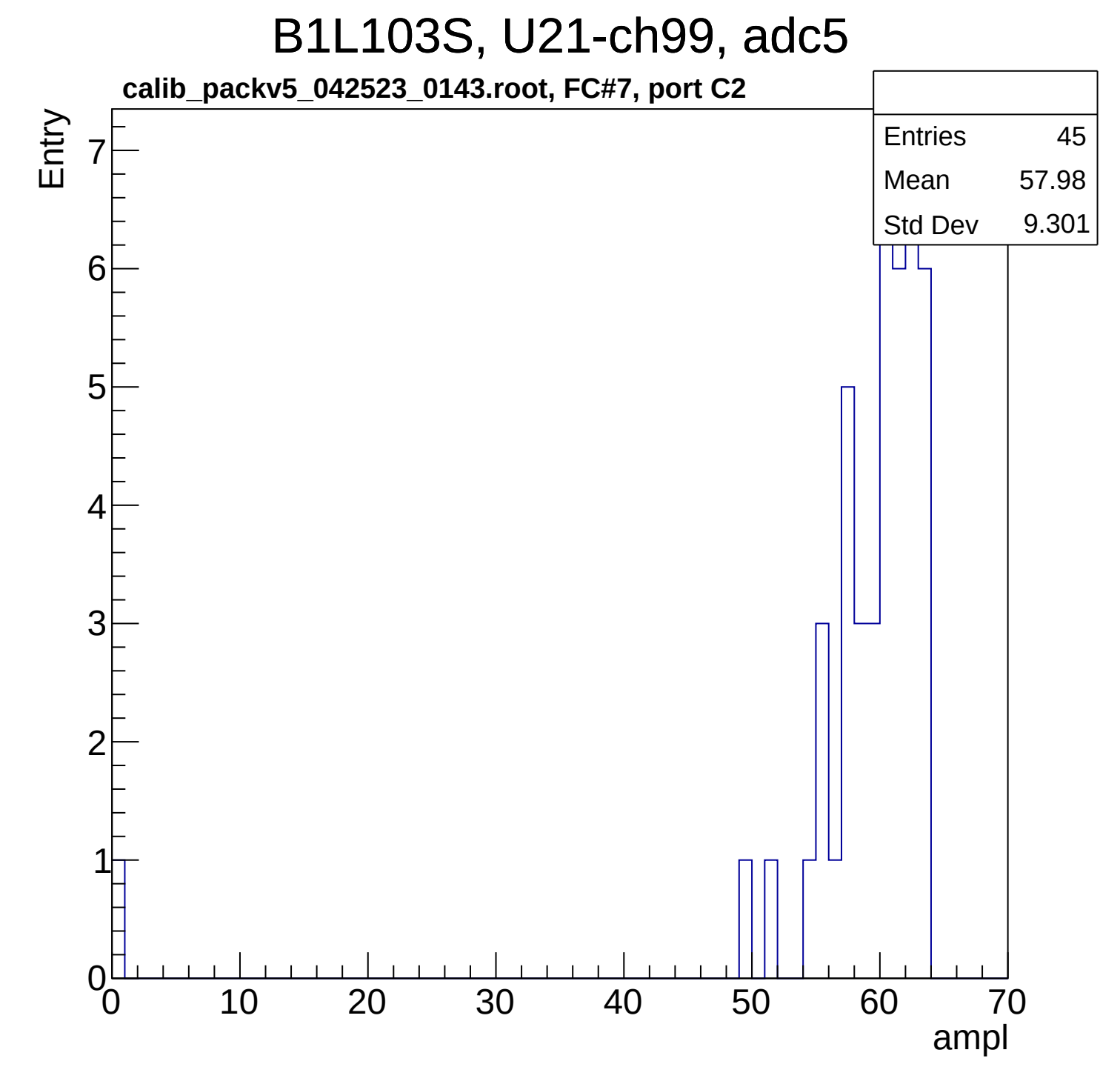
40
50
60
70


B1L103S, U21-ch99, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 45
Mean 57.98
Std Dev 9.301
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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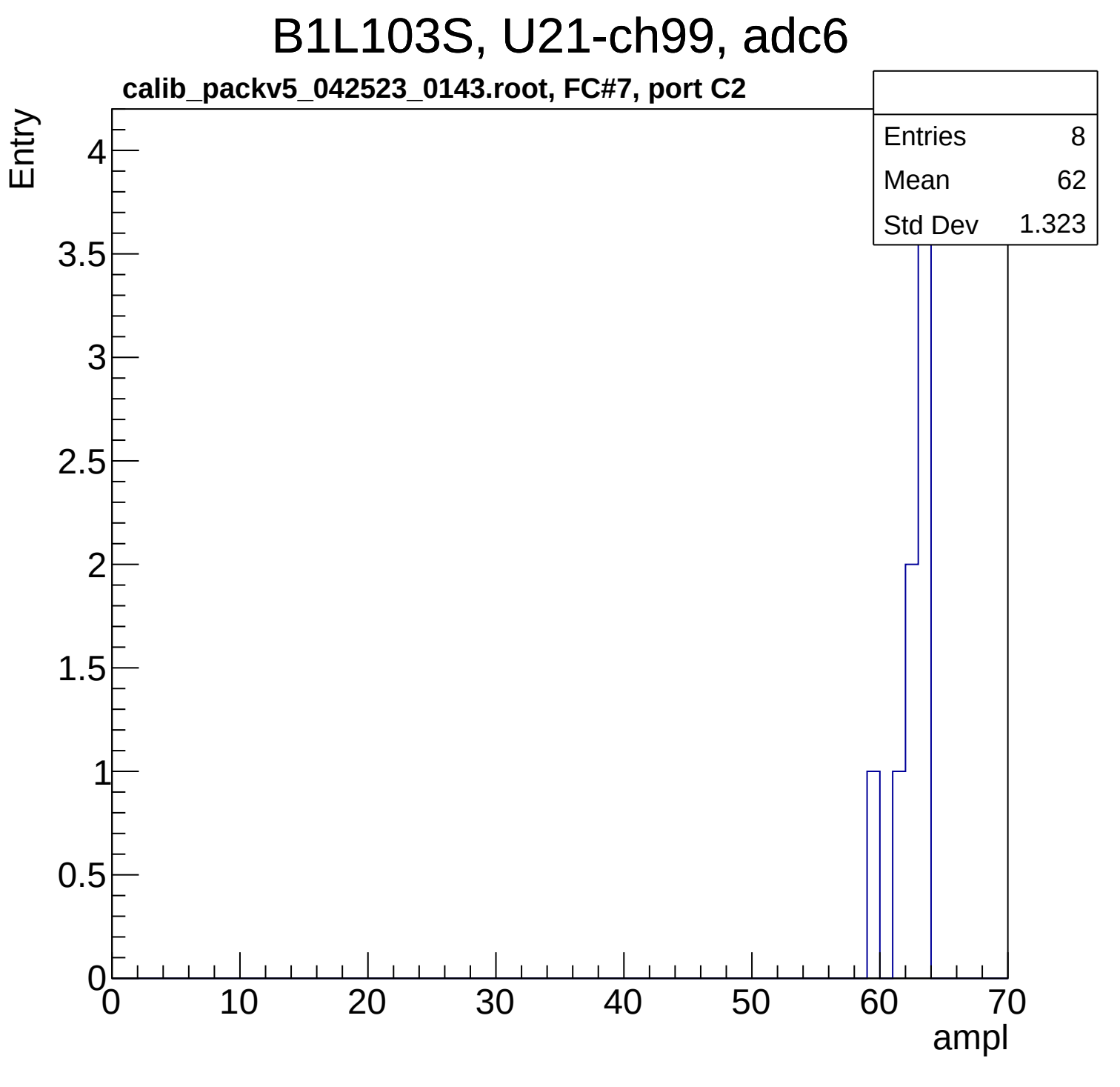
B1L103S, U21-ch99, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 8
Mean 62
Std Dev 1.323
Entry
ampl
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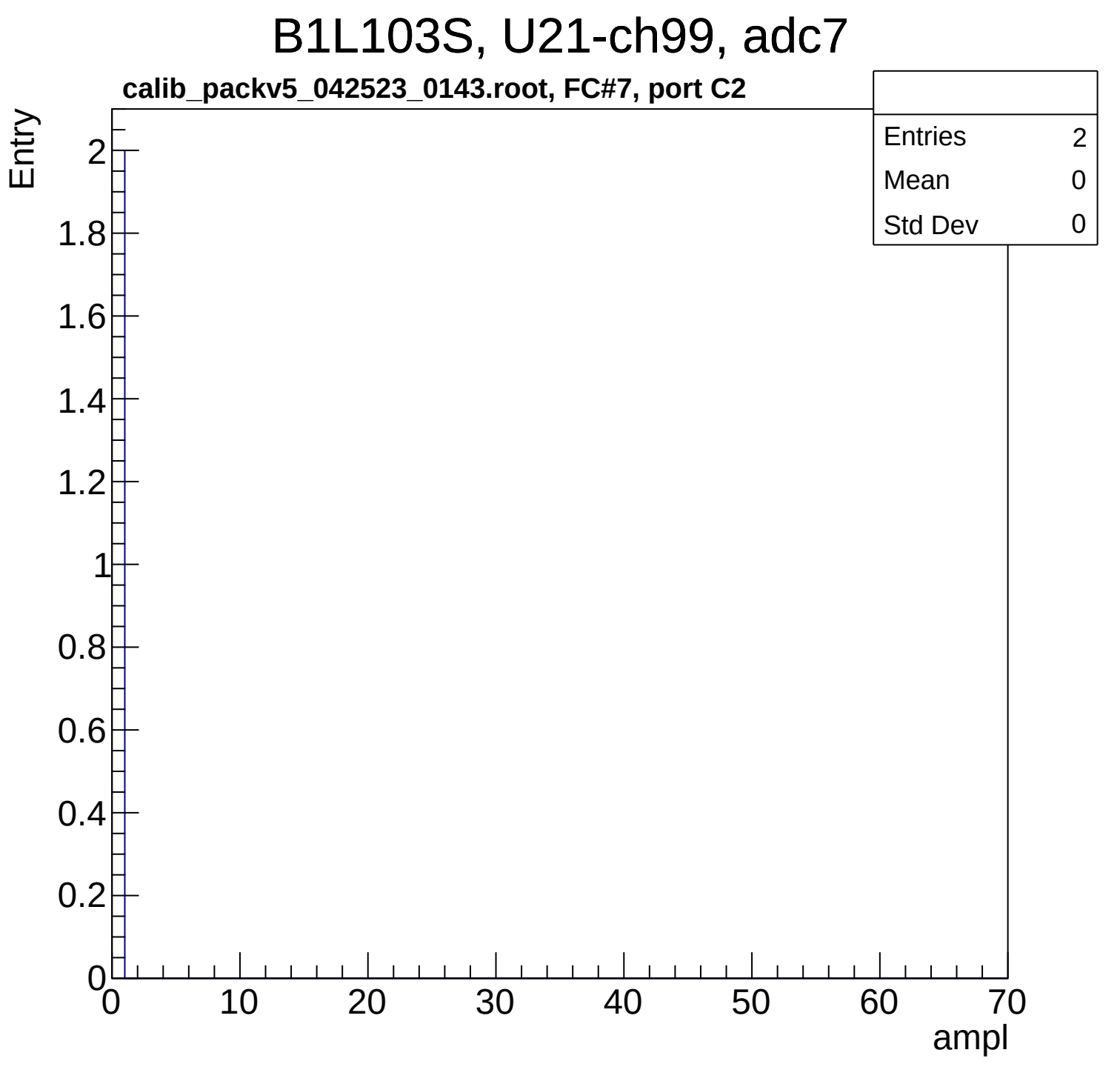
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L103S, U21-ch99, 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
20
30
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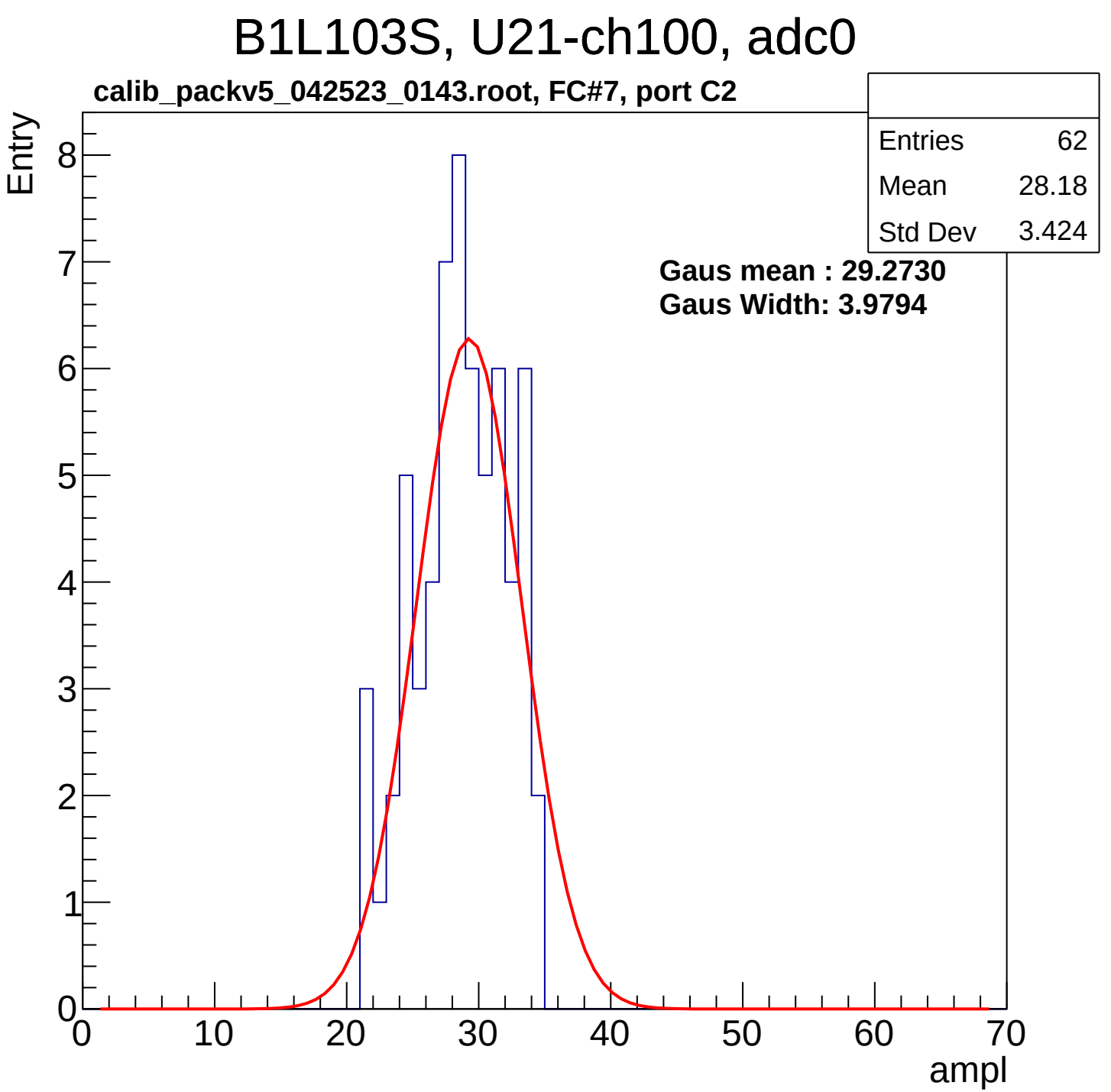
50
60
70
ampl


B1L103S, U21-ch100, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 28.18
Std Dev 3.424
Gaus mean : 29.2730
Gaus Width: 3.9794
Entry
ampl
0
1
2
3
4
5
6
7
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0
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40
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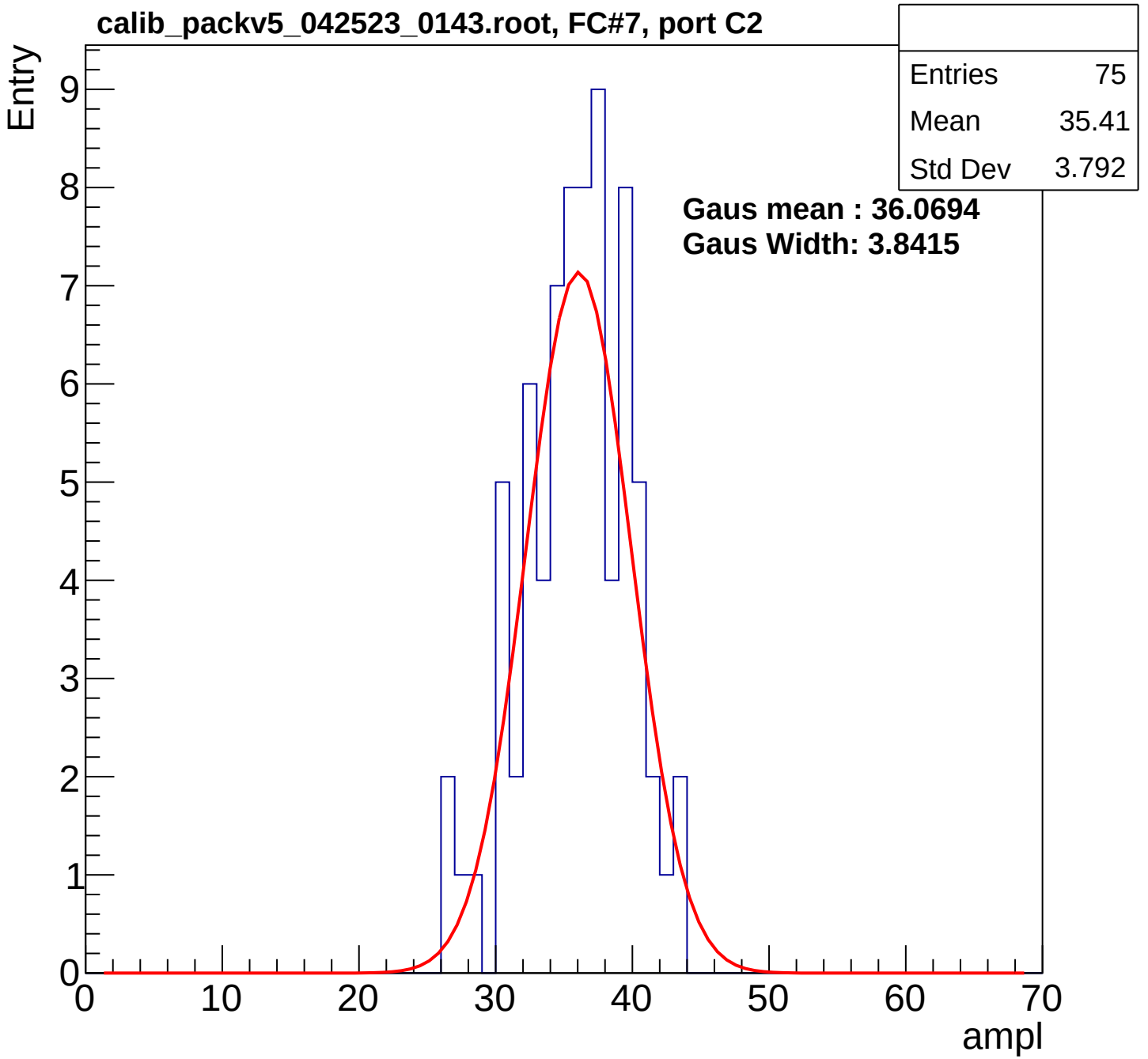
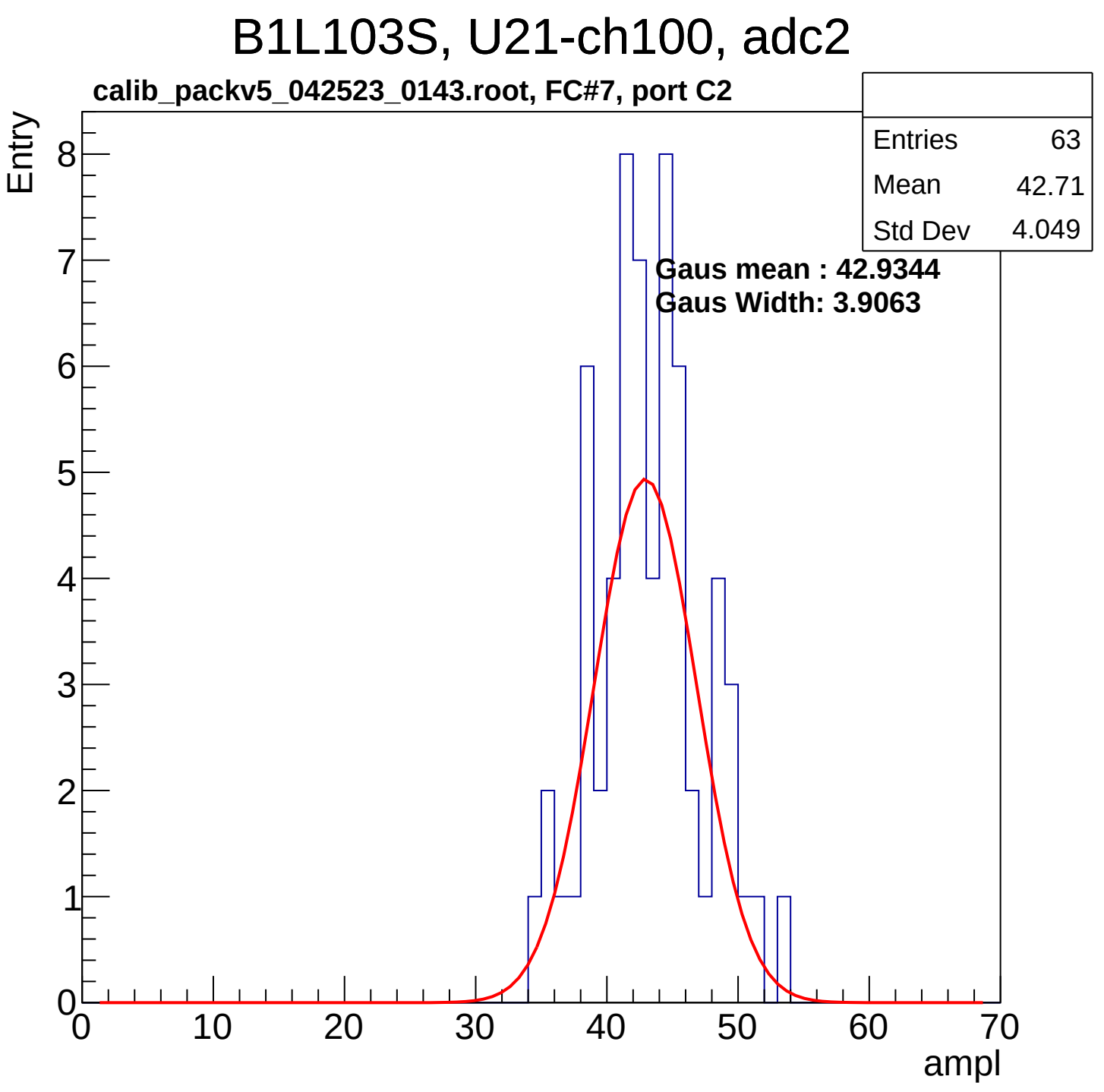

B1L103S, U21-ch100, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 75
Mean 35.41
Std Dev 3.792
Gaus mean : 36.0694
Gaus Width: 3.8415
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch100, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 42.71
Std Dev 4.049
Gaus mean : 42.9344
Gaus Width: 3.9063
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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40
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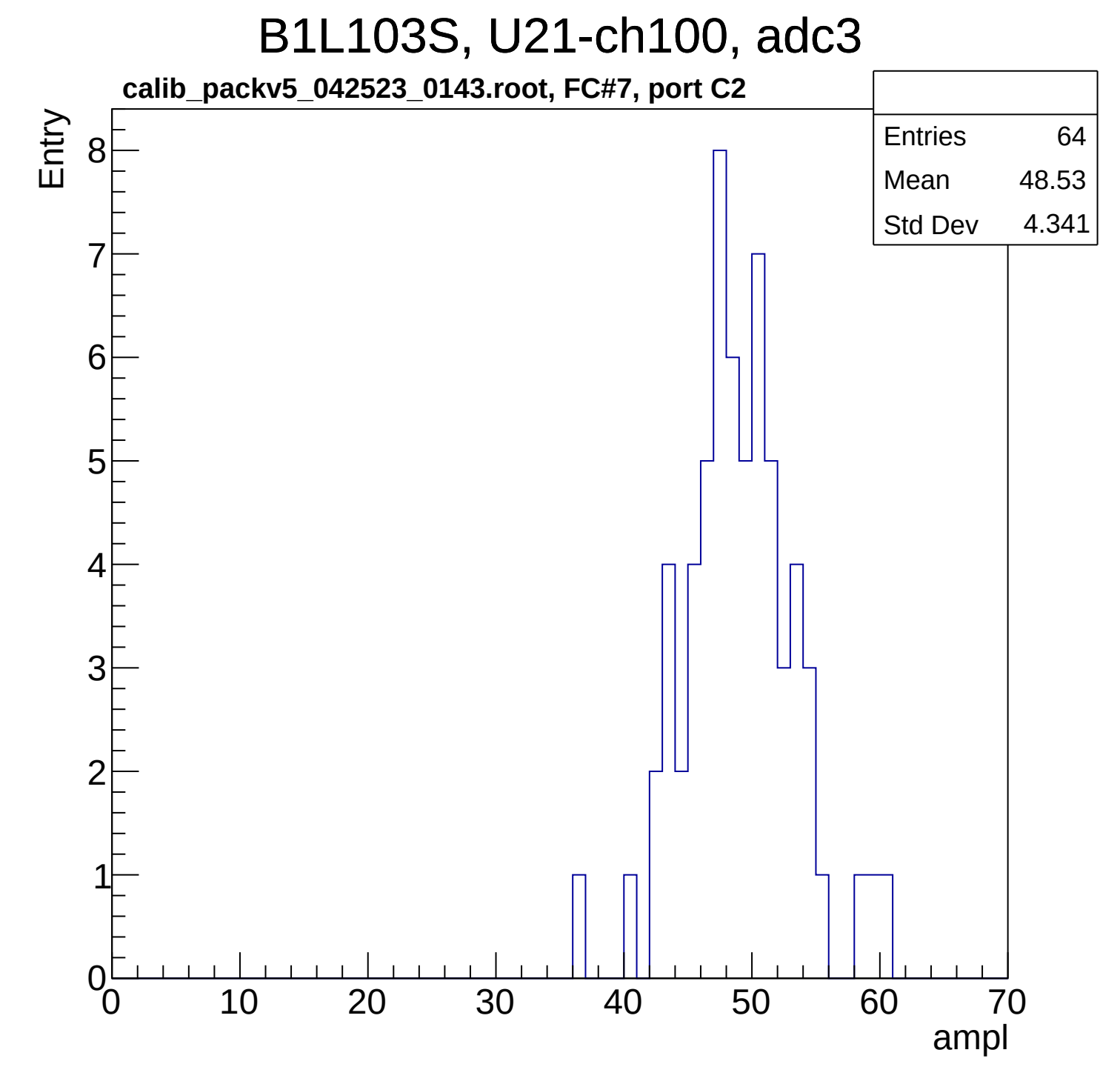
B1L103S, U21-ch100, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 48.53
Std Dev 4.341
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
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60
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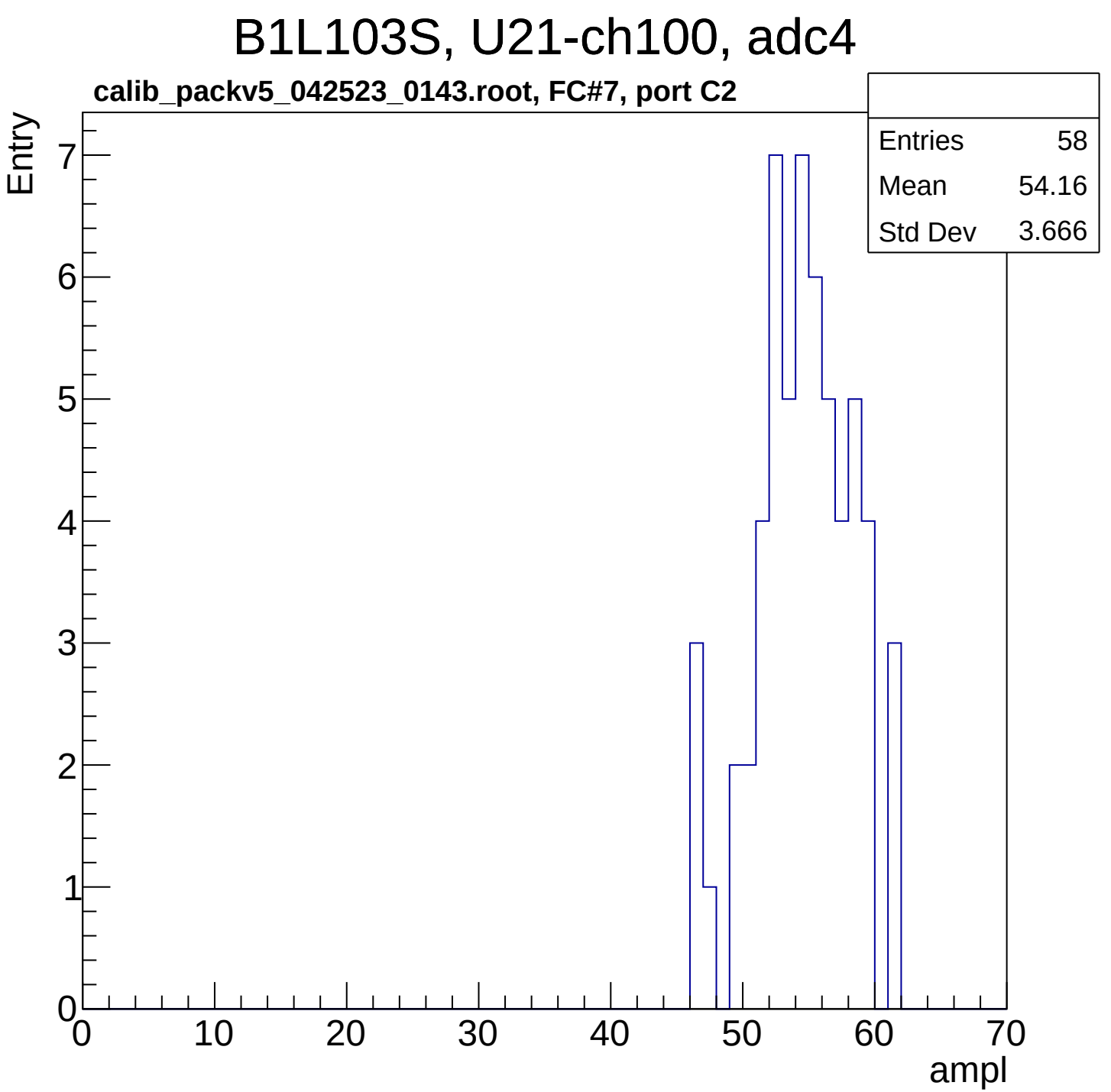
B1L103S, U21-ch100, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 54.16
Std Dev 3.666
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
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40
50
60
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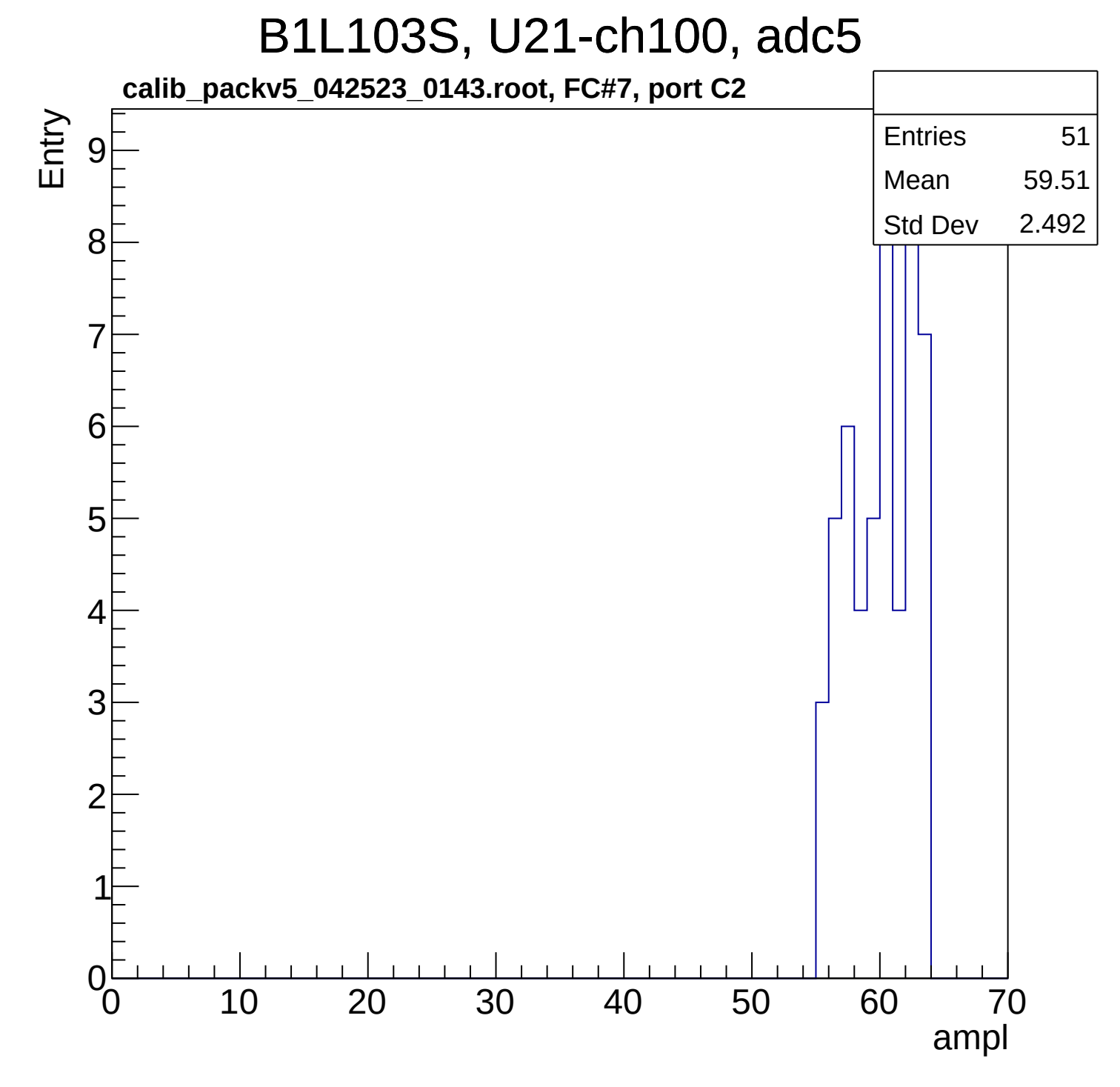
B1L103S, U21-ch100, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 59.51
Std Dev 2.492
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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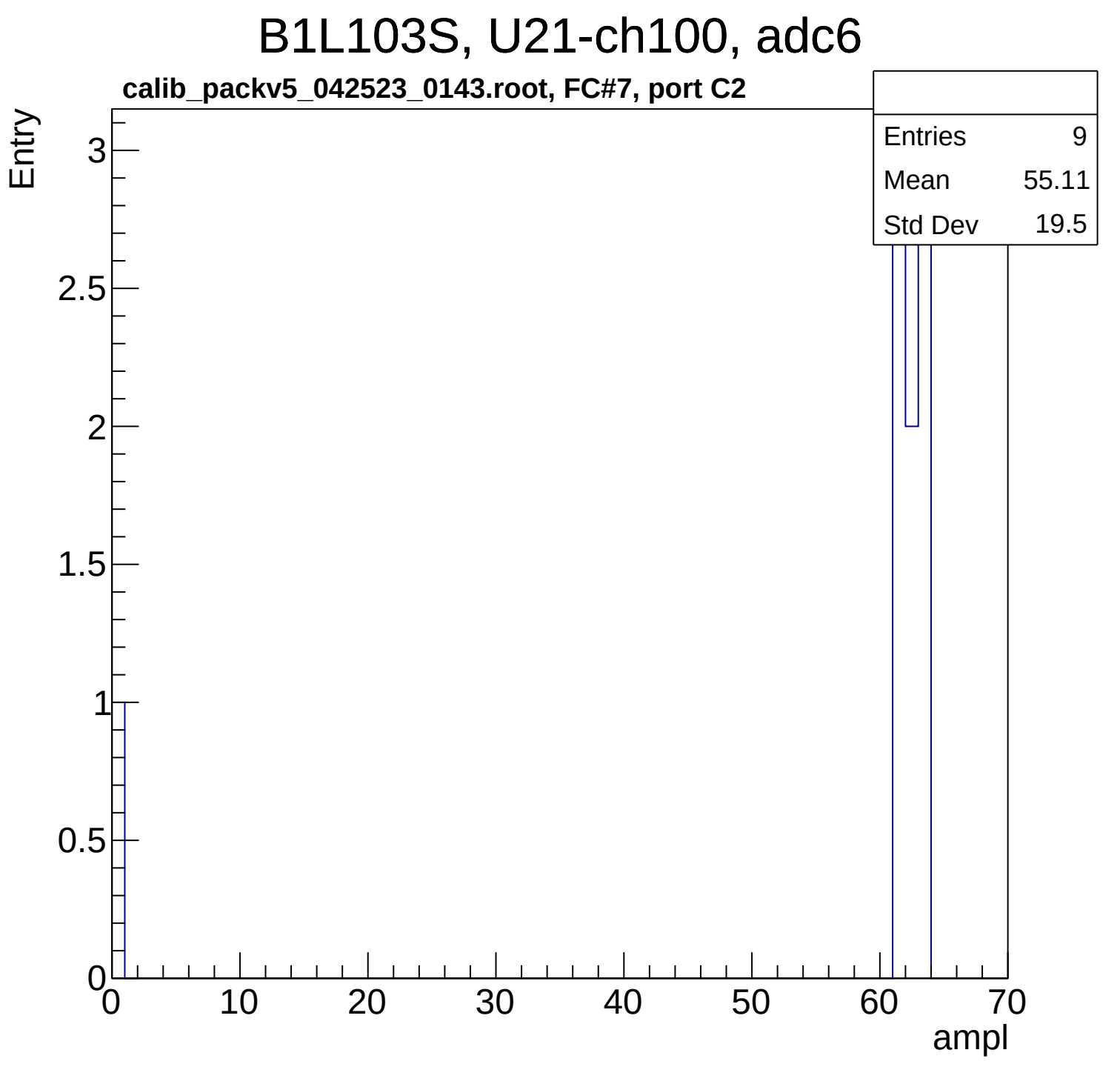
B1L103S, U21-ch100, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 9
Mean 55.11
Std Dev 19.5
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
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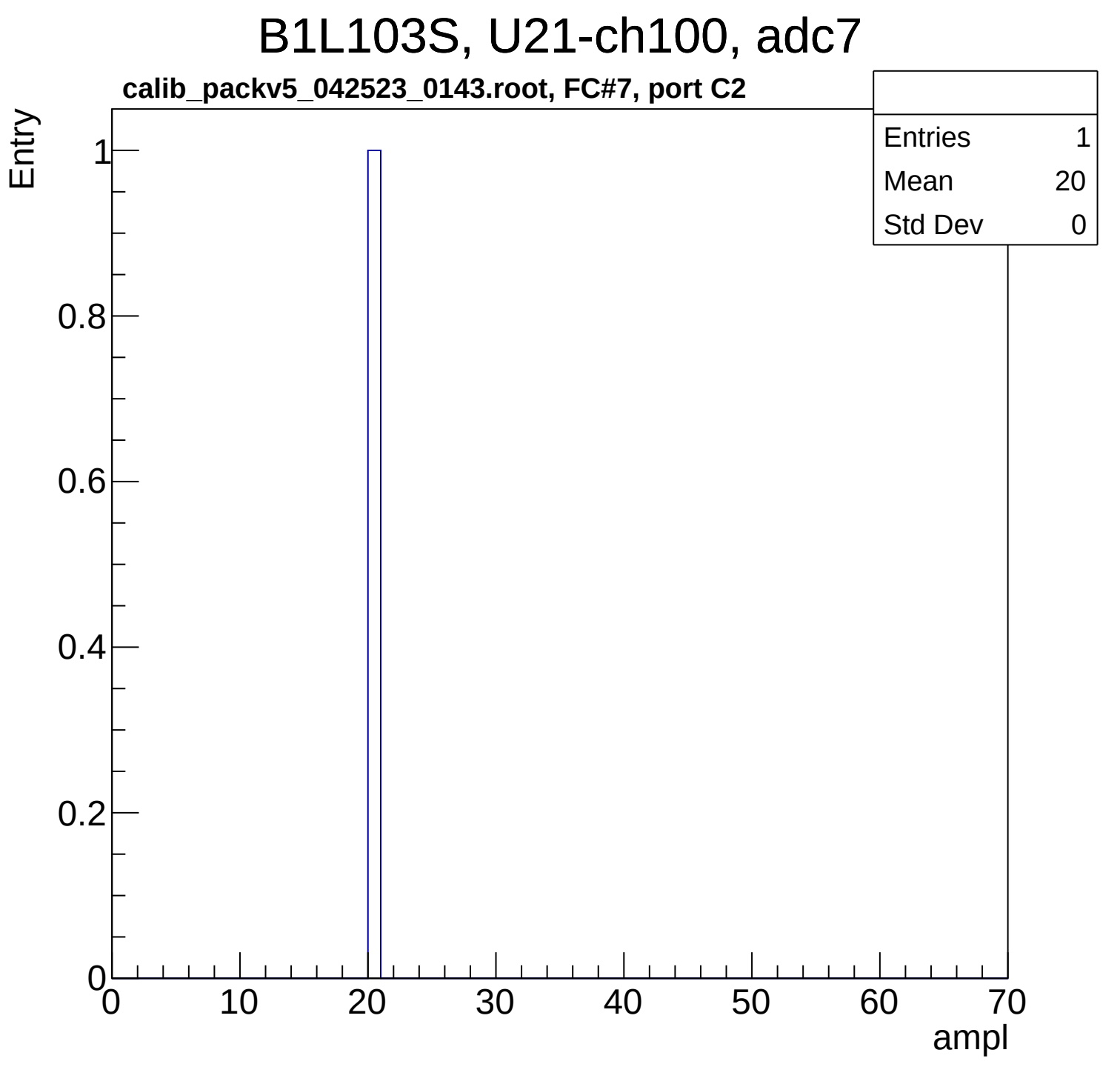
B1L103S, U21-ch100, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 20
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
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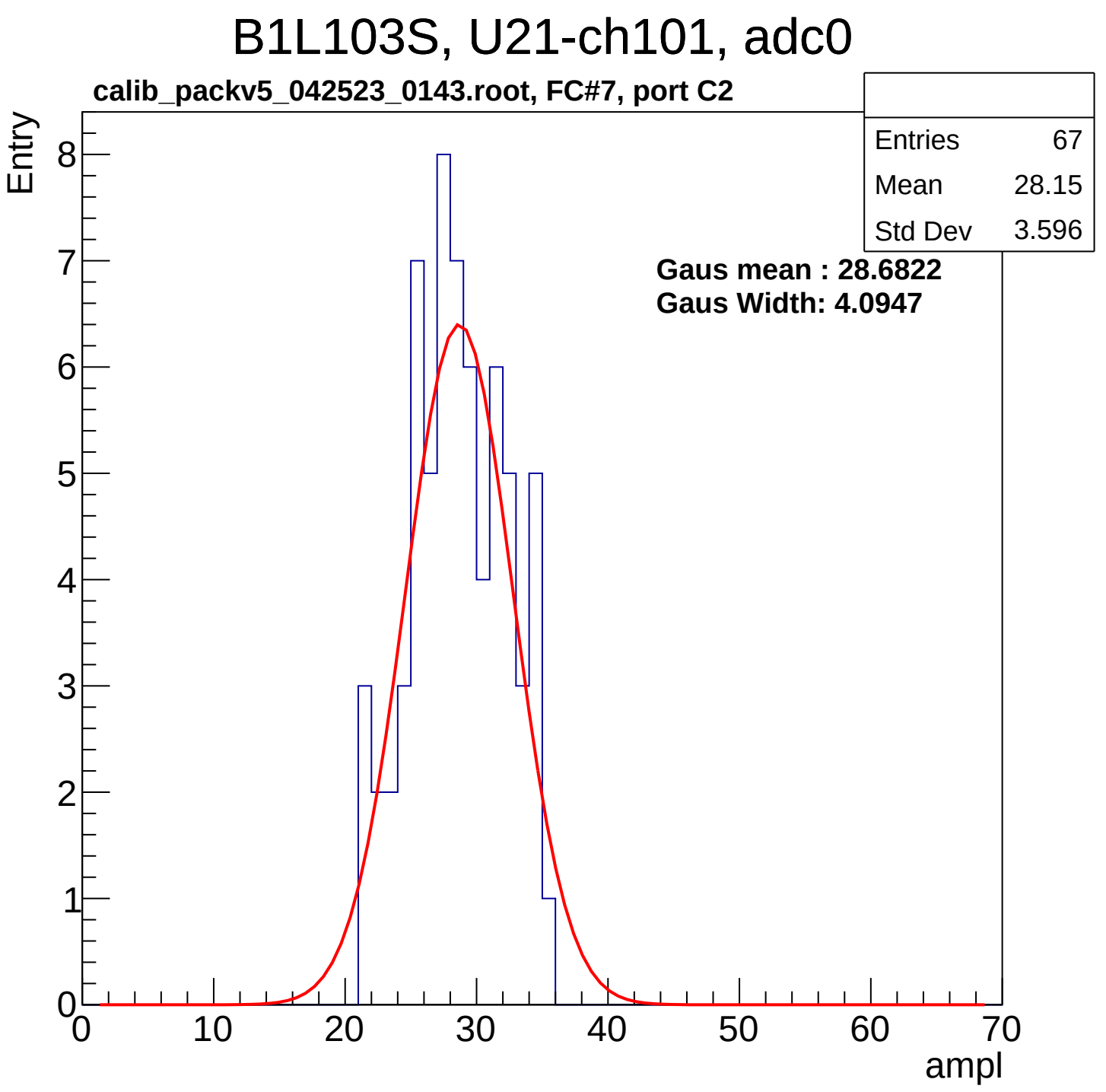
B1L103S, U21-ch101, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 28.15
Std Dev 3.596
Gaus mean : 28.6822
Gaus Width: 4.0947
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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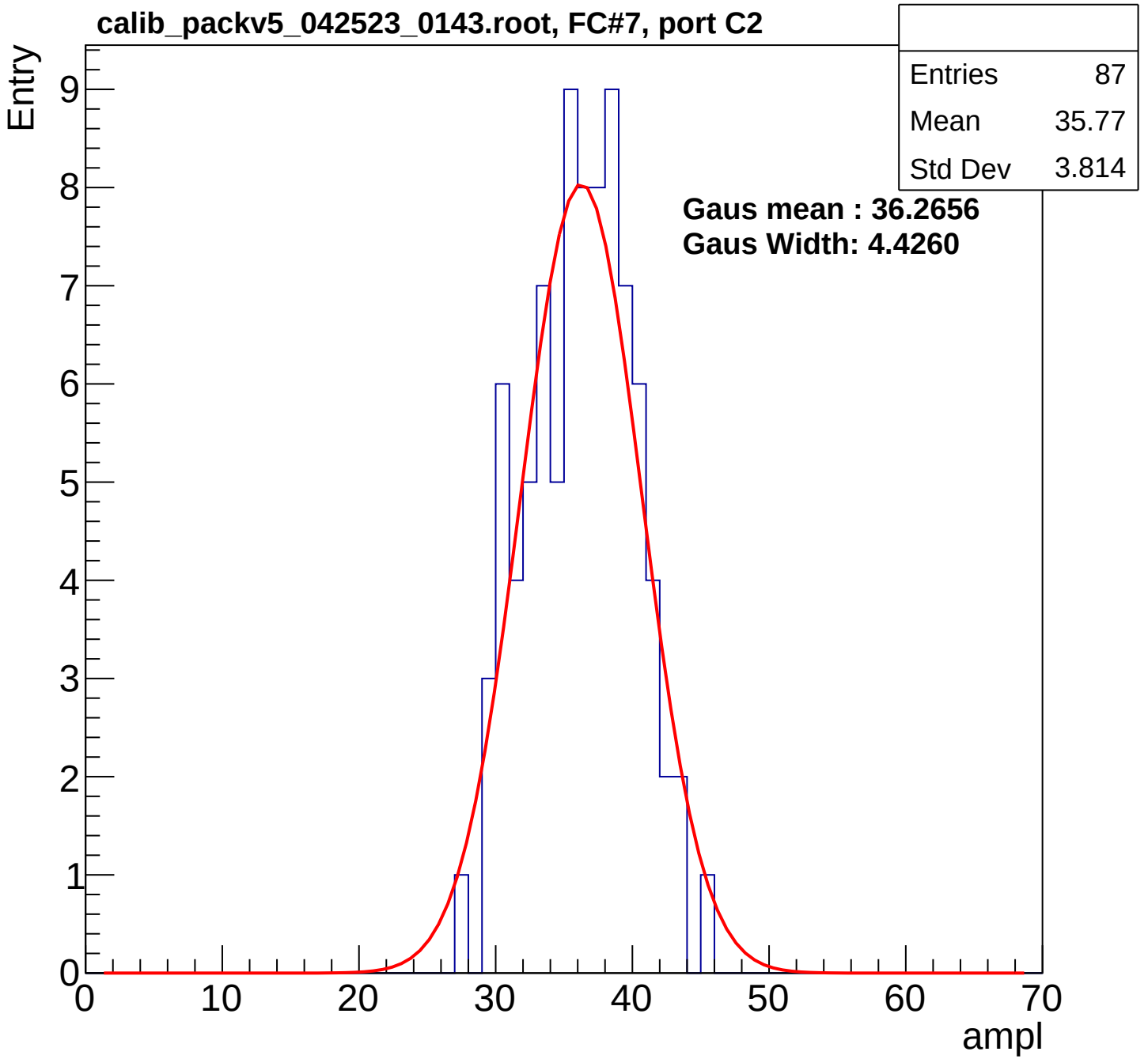
B1L103S, U21-ch101, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 87
Mean 35.77
Std Dev 3.814
Gaus mean : 36.2656
Gaus Width: 4.4260
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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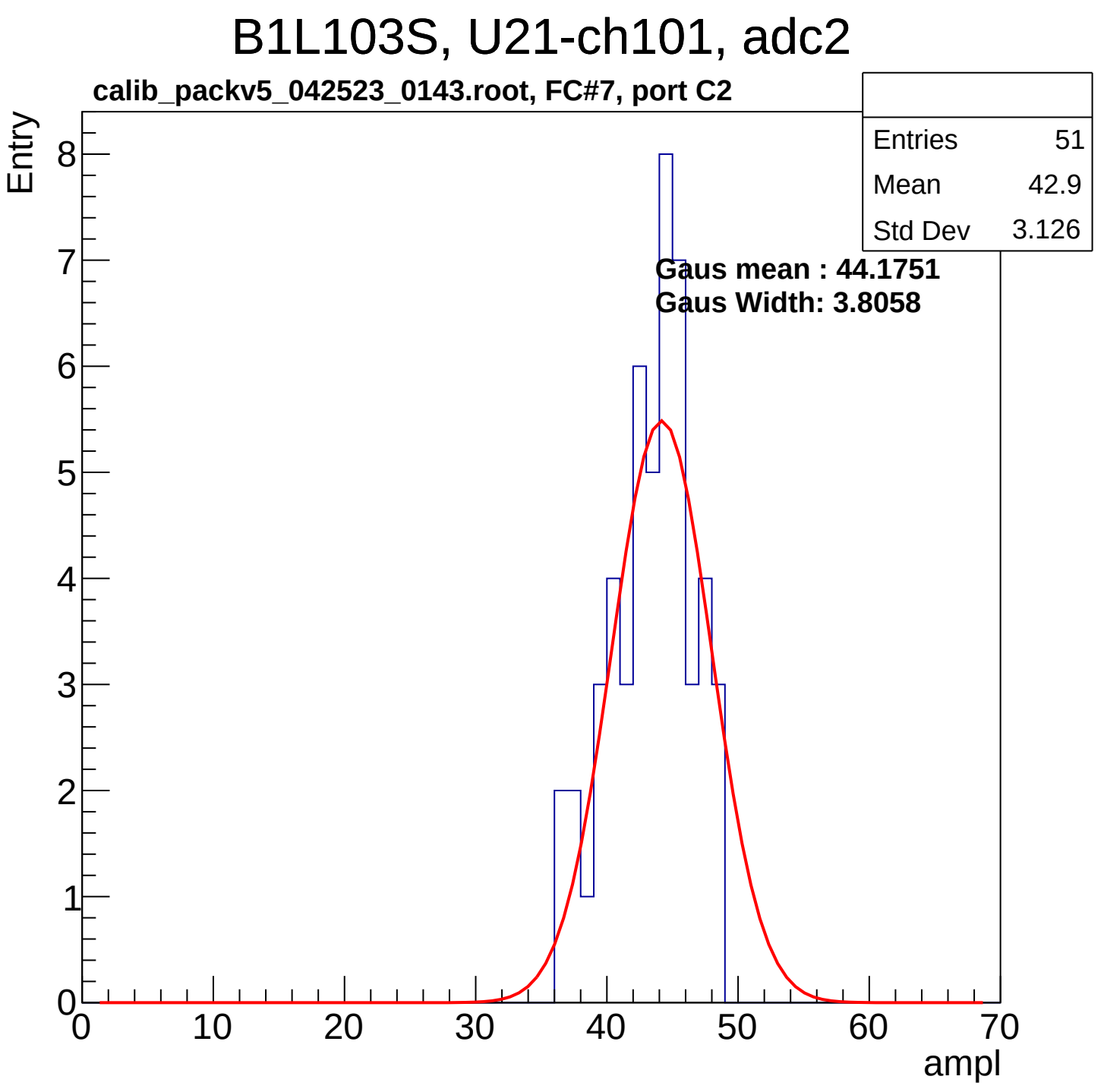
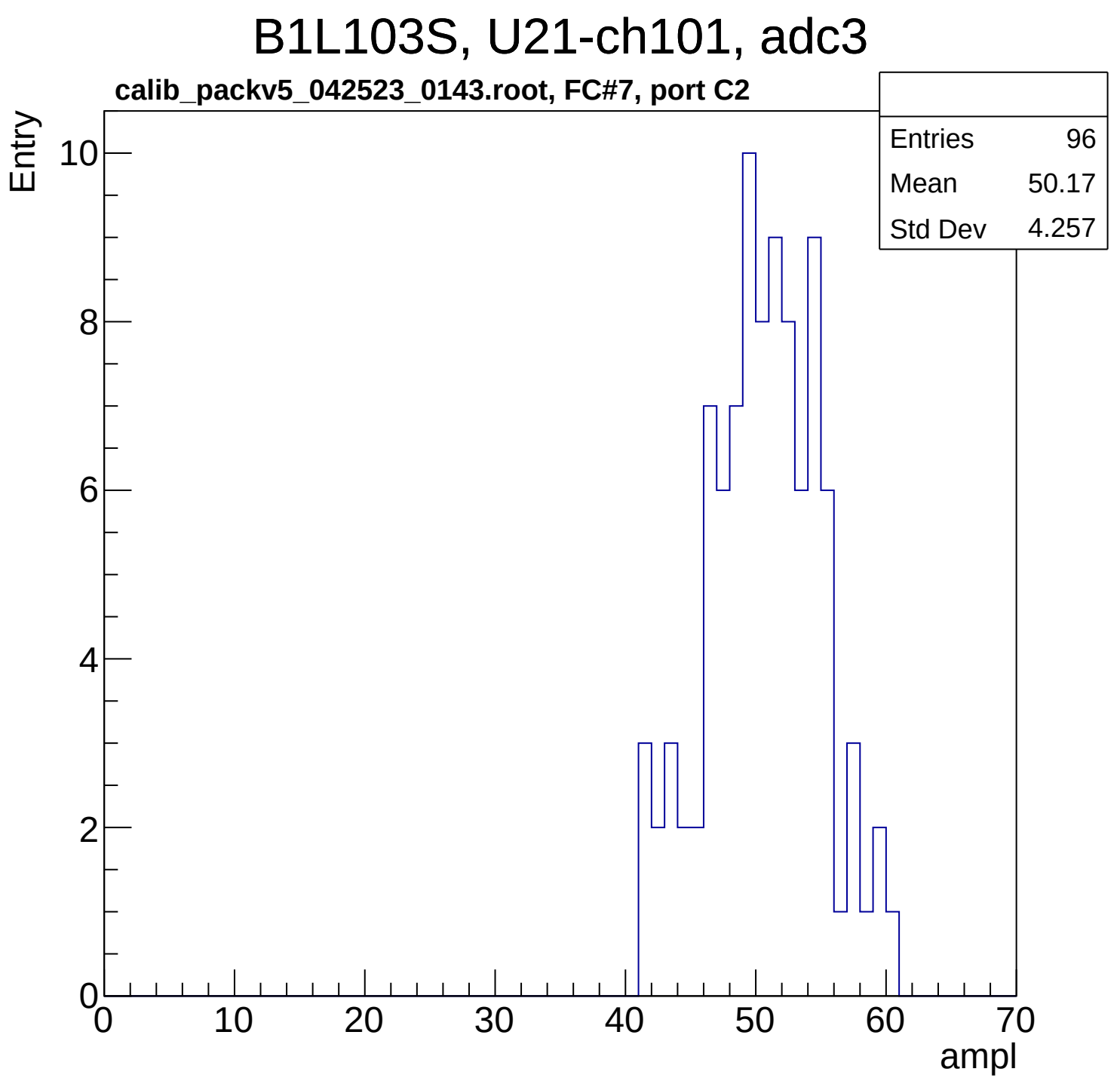
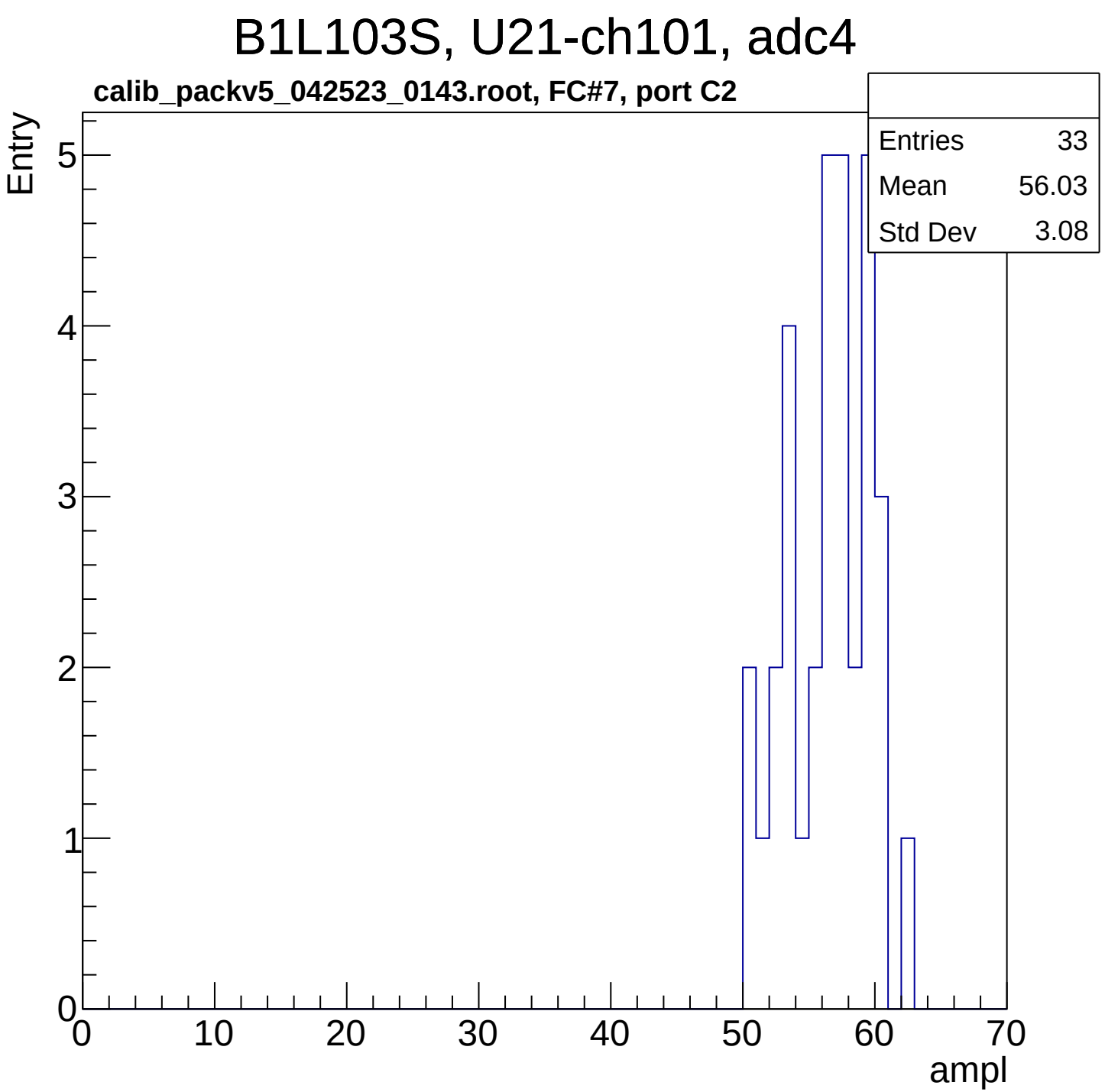
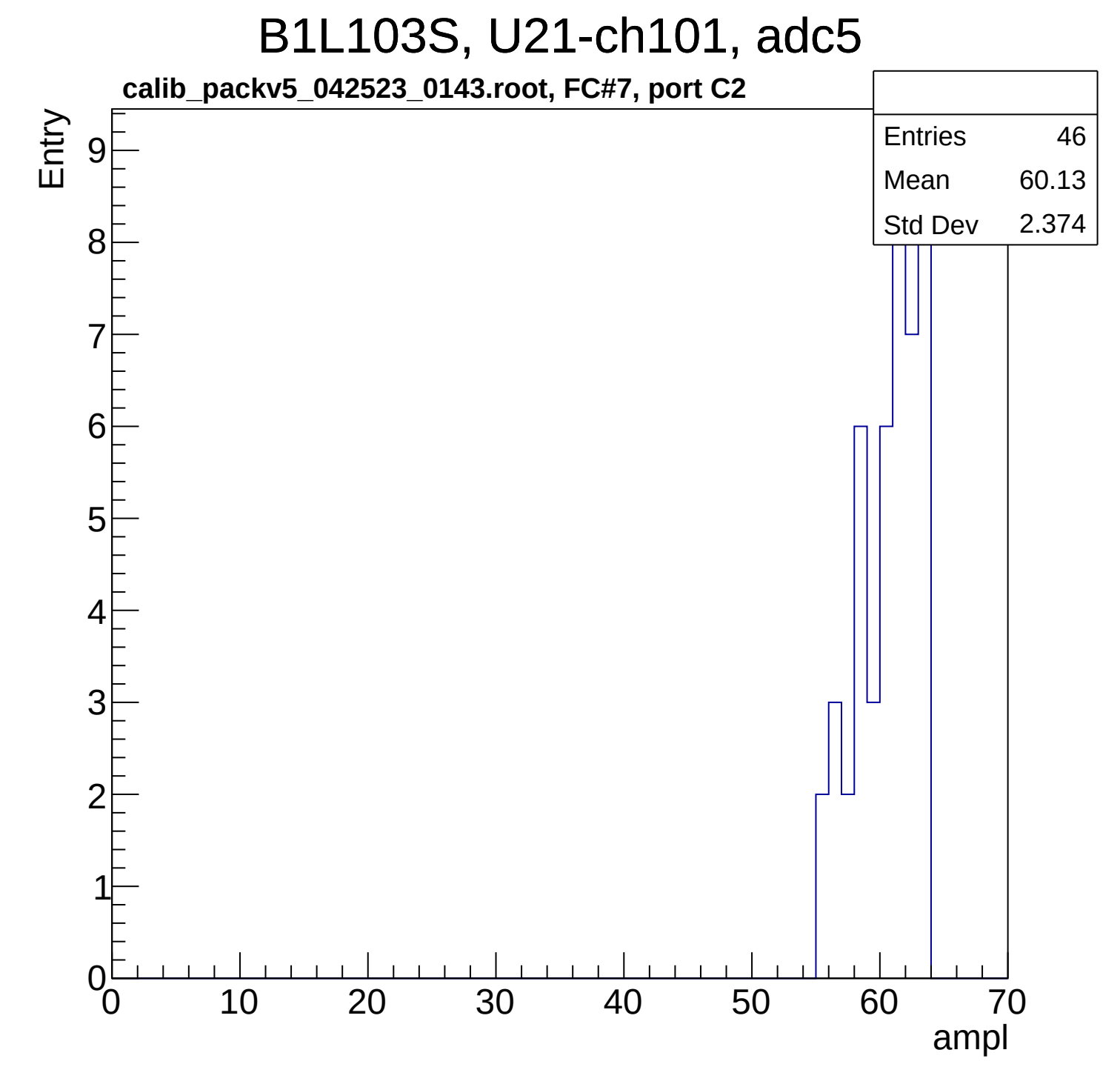

B1L103S, U21-ch101, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 42.9
Std Dev 3.126
Gaus mean : 44.1751
Gaus Width: 3.8058
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch101, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 96
Mean 50.17
Std Dev 4.257
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch101, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 33
Mean 56.03
Std Dev 3.08
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L103S, U21-ch101, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 46
Mean 60.13
Std Dev 2.374
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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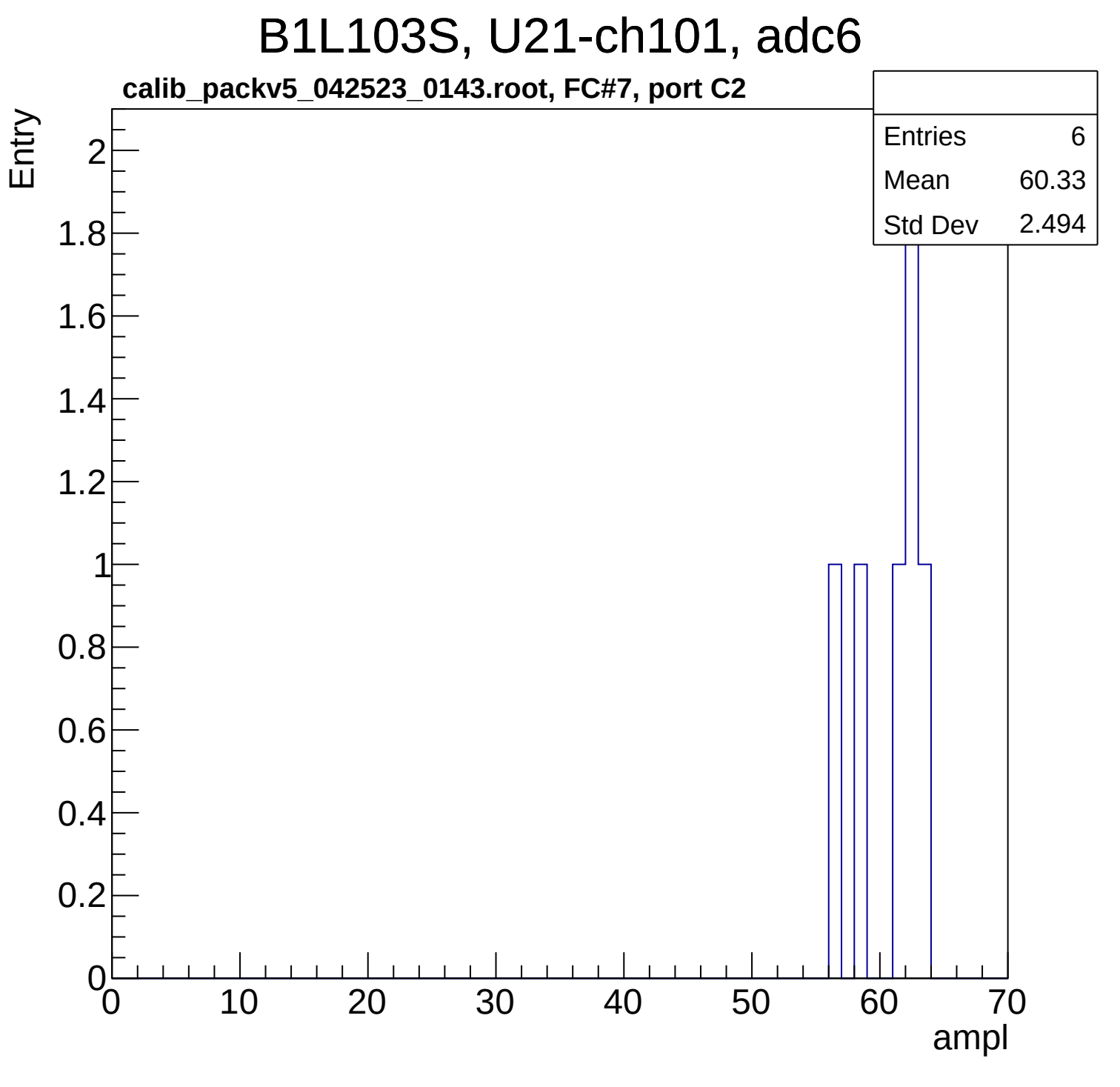
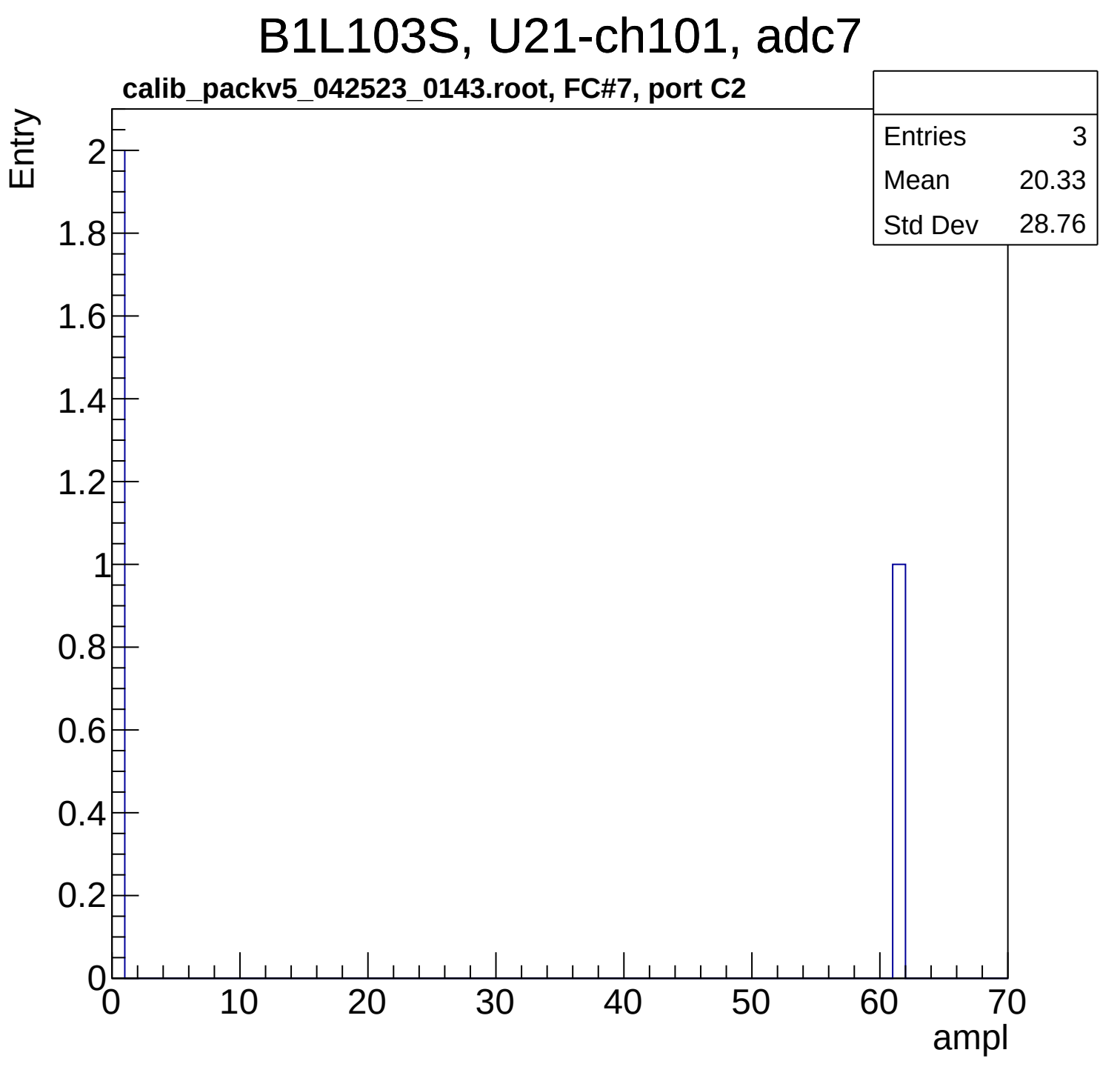
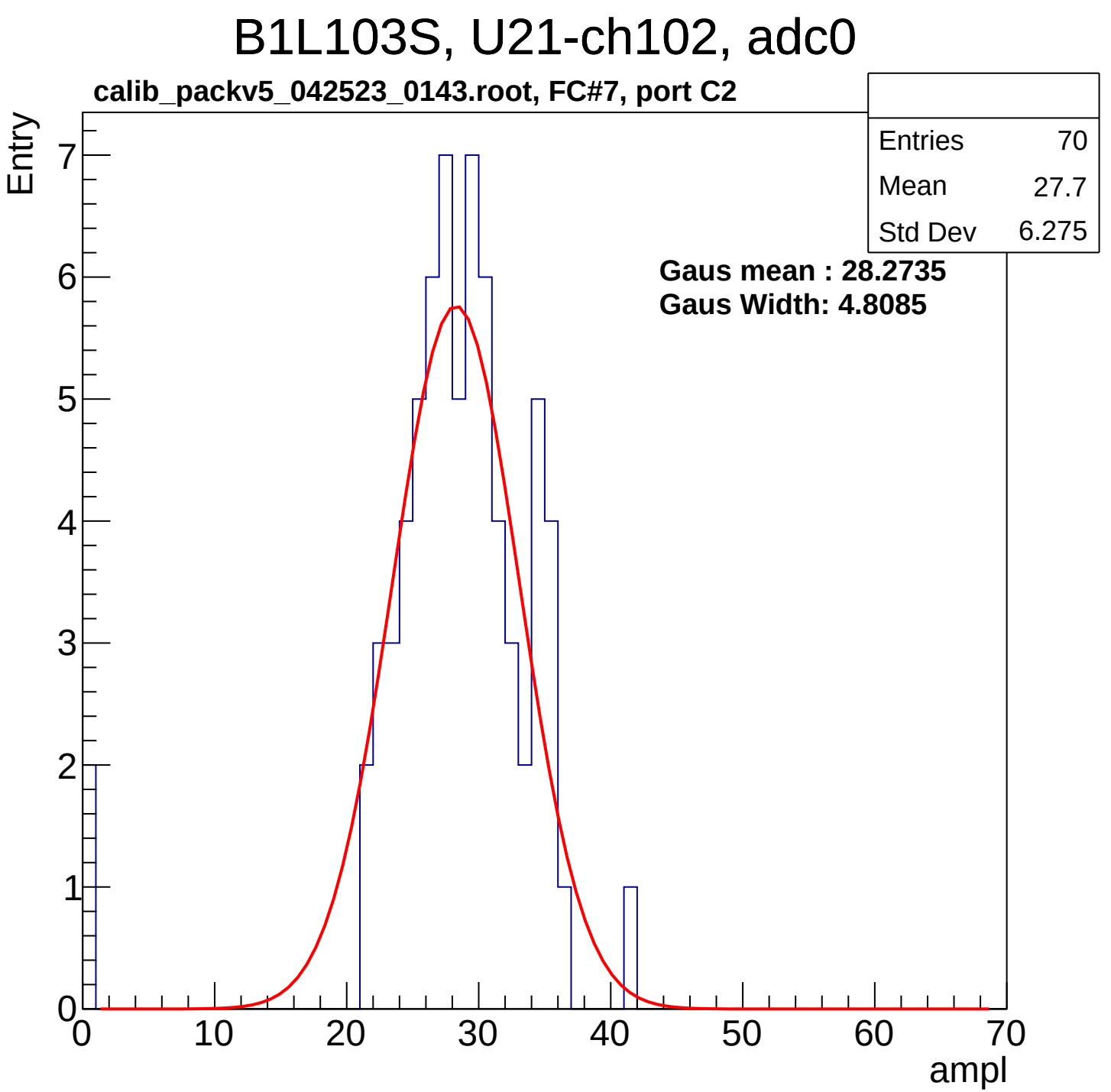

B1L103S, U21-ch101, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 6
Mean 60.33
Std Dev 2.494
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L103S, U21-ch101, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 20.33
Std Dev 28.76
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, U21-ch102, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 27.7
Std Dev 6.275
Gaus mean : 28.2735
Gaus Width: 4.8085
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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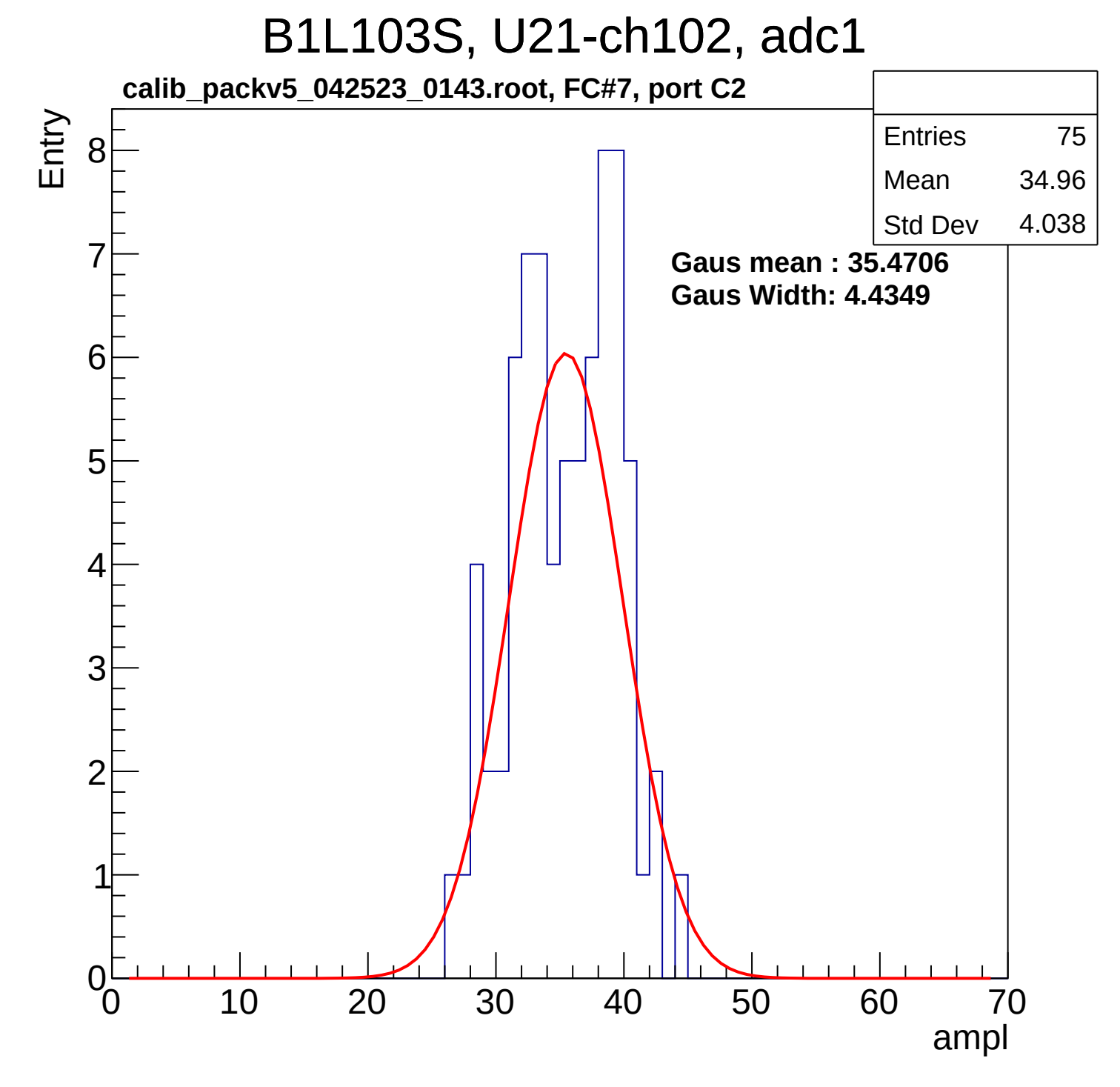
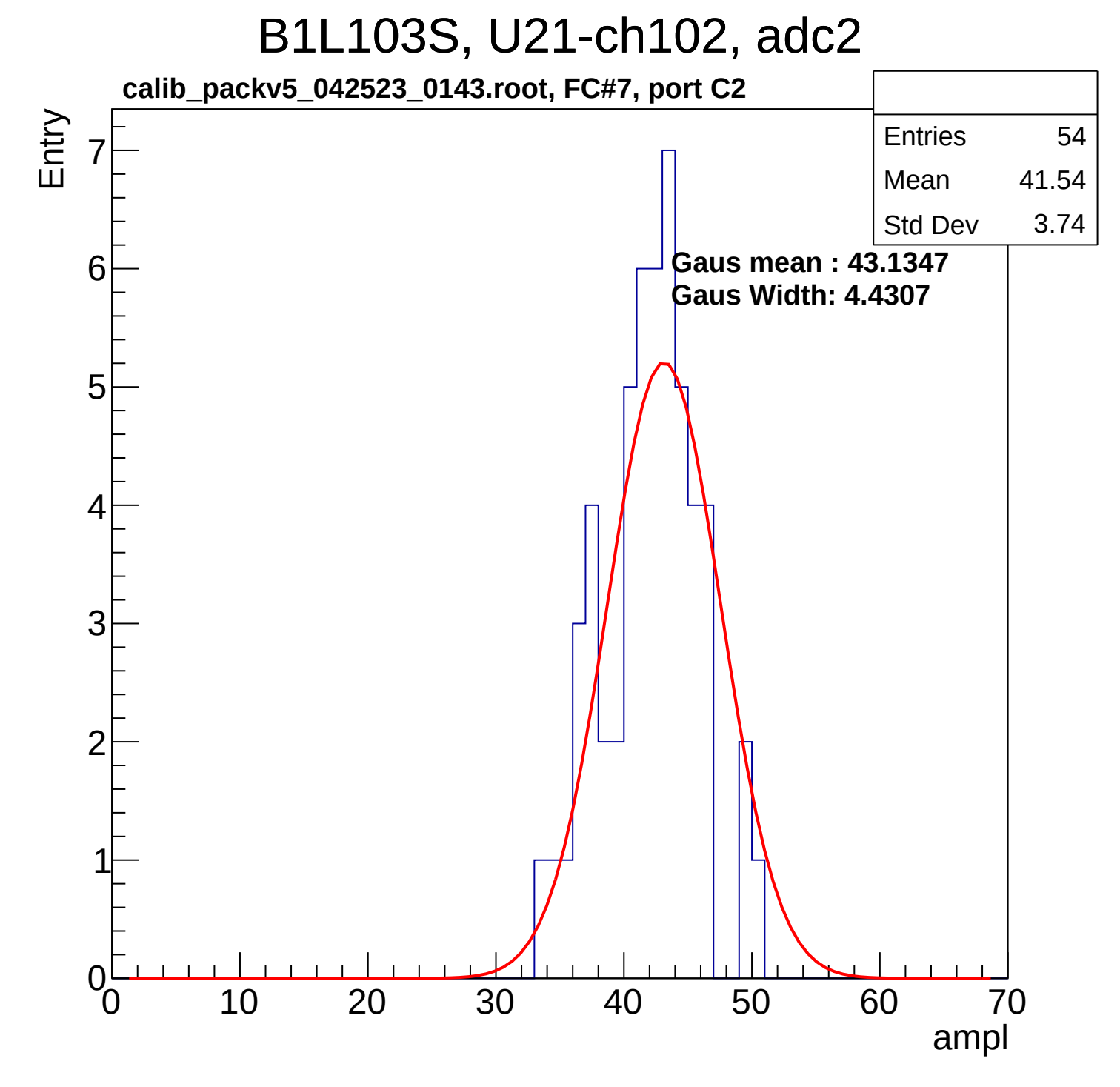
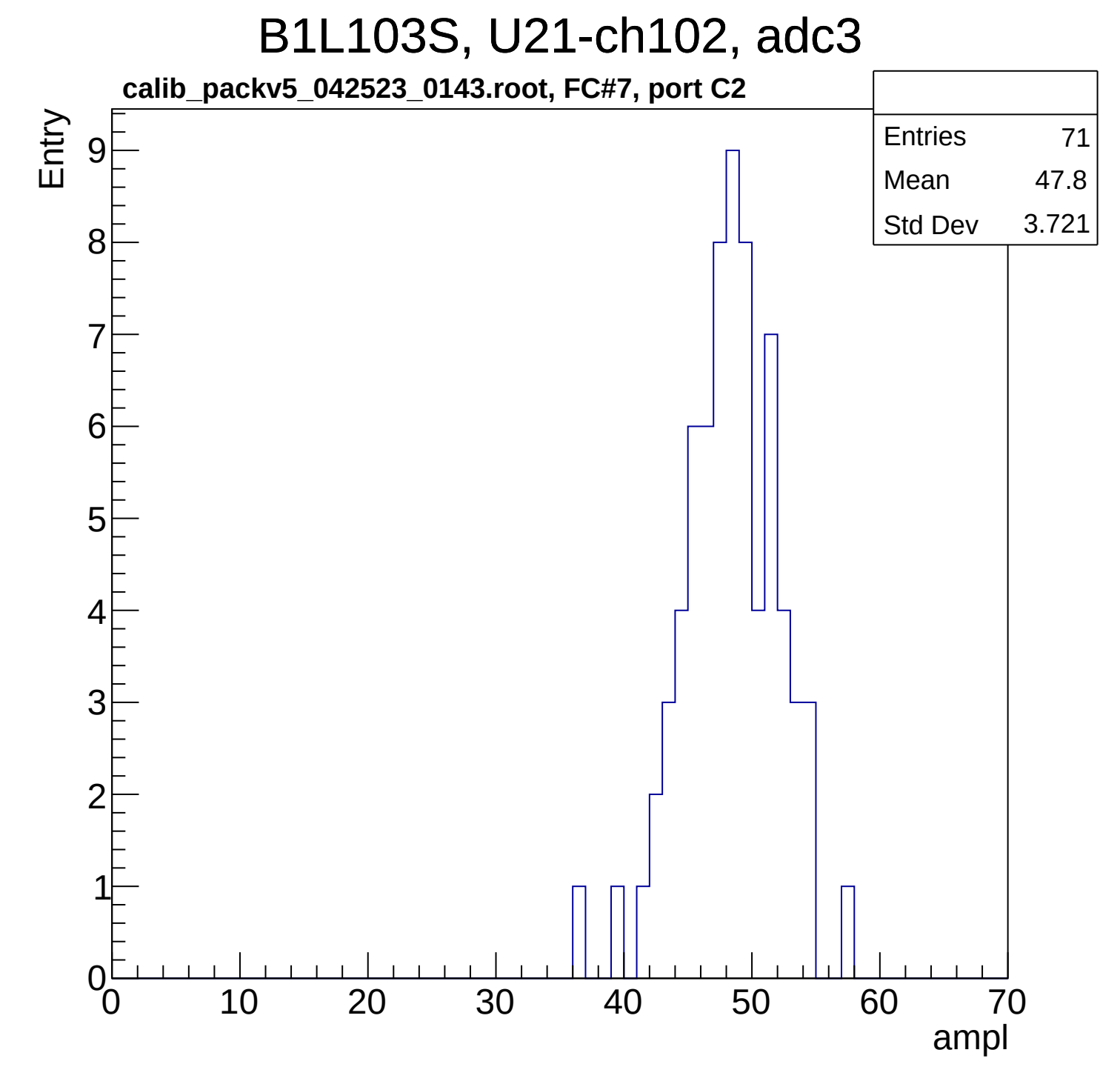

B1L103S, U21-ch102, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 75
Mean 34.96
Std Dev 4.038
Gaus mean : 35.4706
Gaus Width: 4.4349
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch102, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 41.54
Std Dev 3.74
Gaus mean : 43.1347
Gaus Width: 4.4307
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch102, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 47.8
Std Dev 3.721
Entry
ampl
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3
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5
6
7
8
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0
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20
30
40
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60
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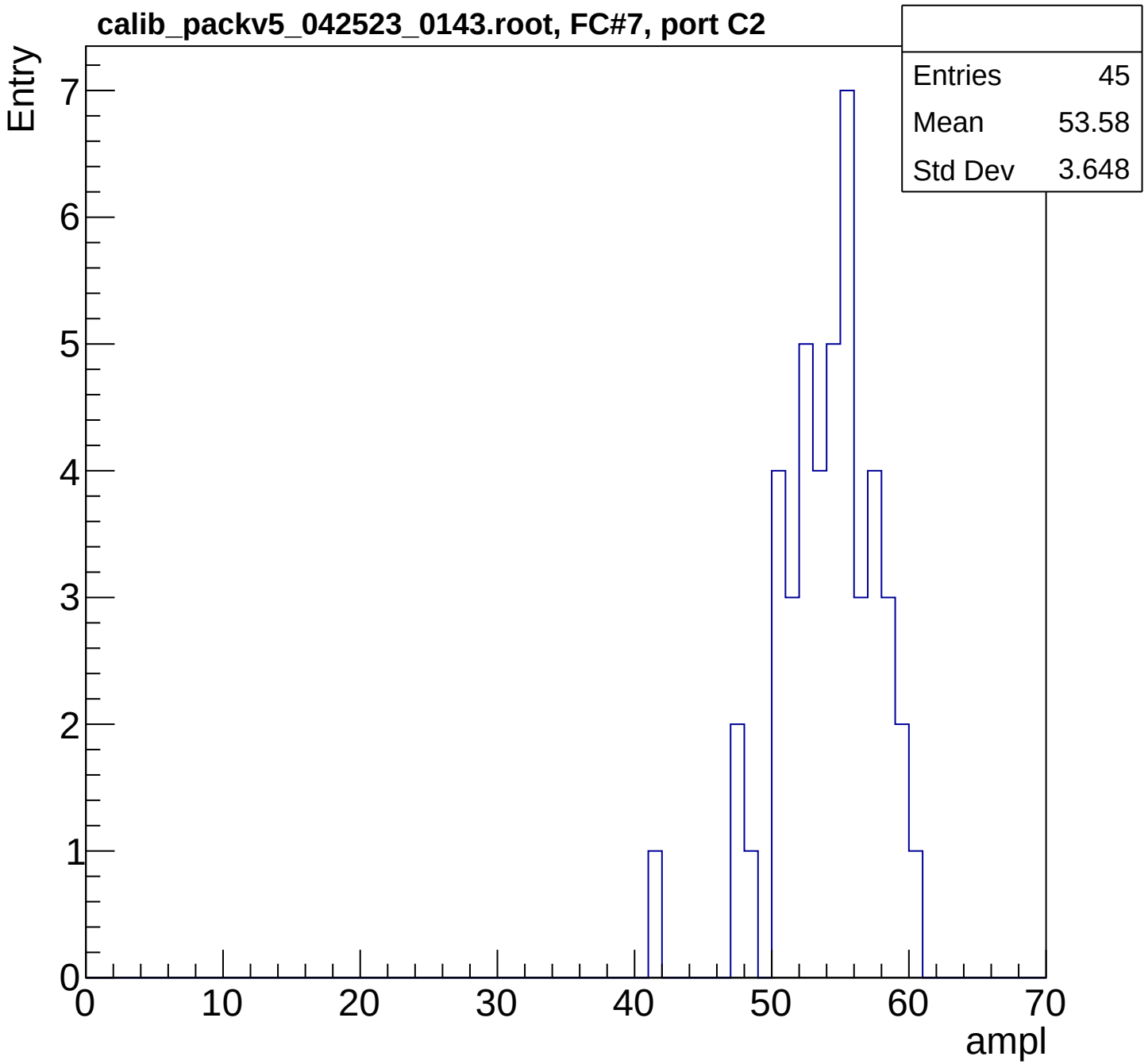
B1L103S, U21-ch102, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 45
Mean 53.58
Std Dev 3.648
Entry
ampl
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0
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20
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40
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60
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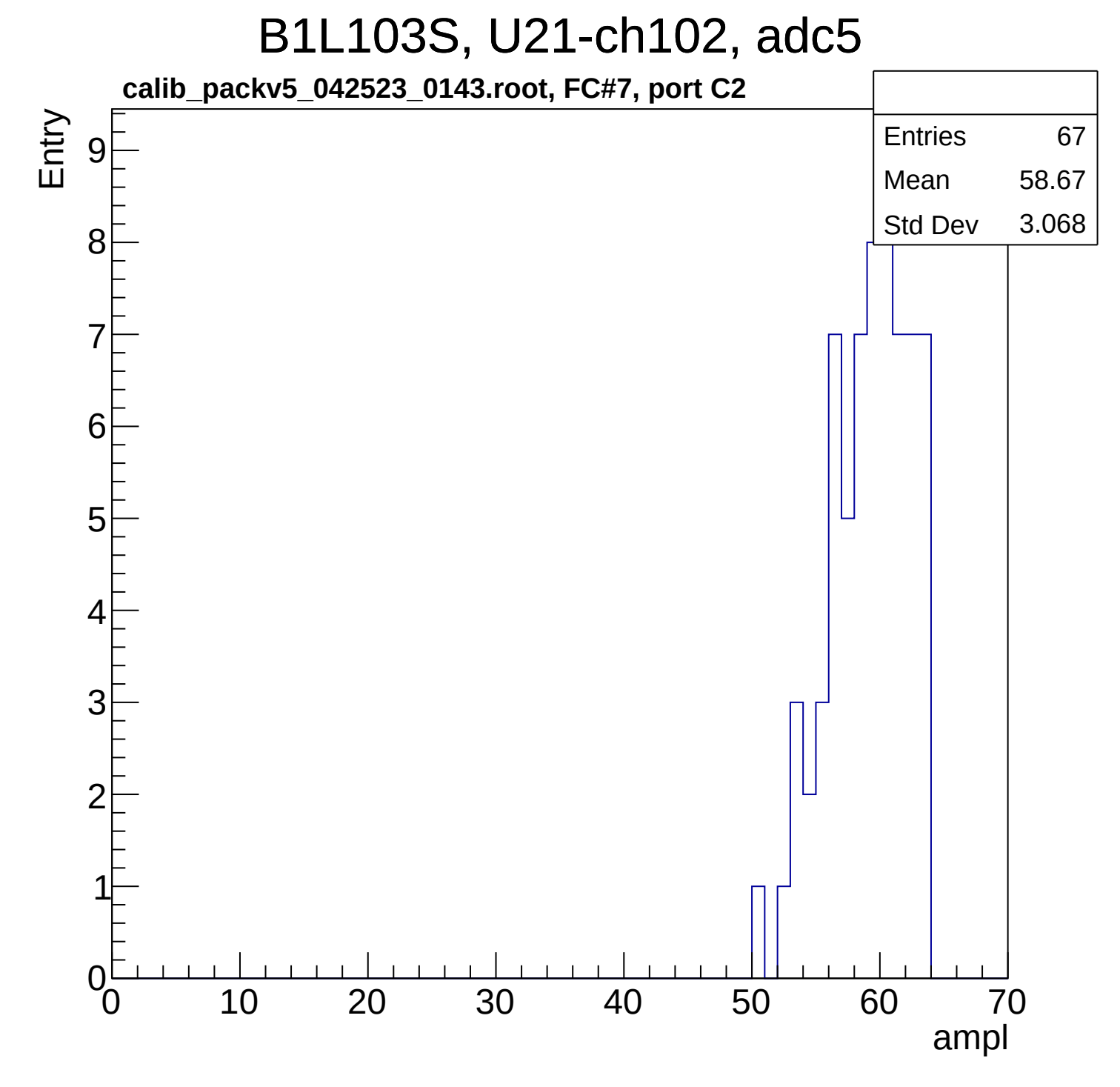
B1L103S, U21-ch102, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 58.67
Std Dev 3.068
Entry
ampl
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4
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6
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8
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0
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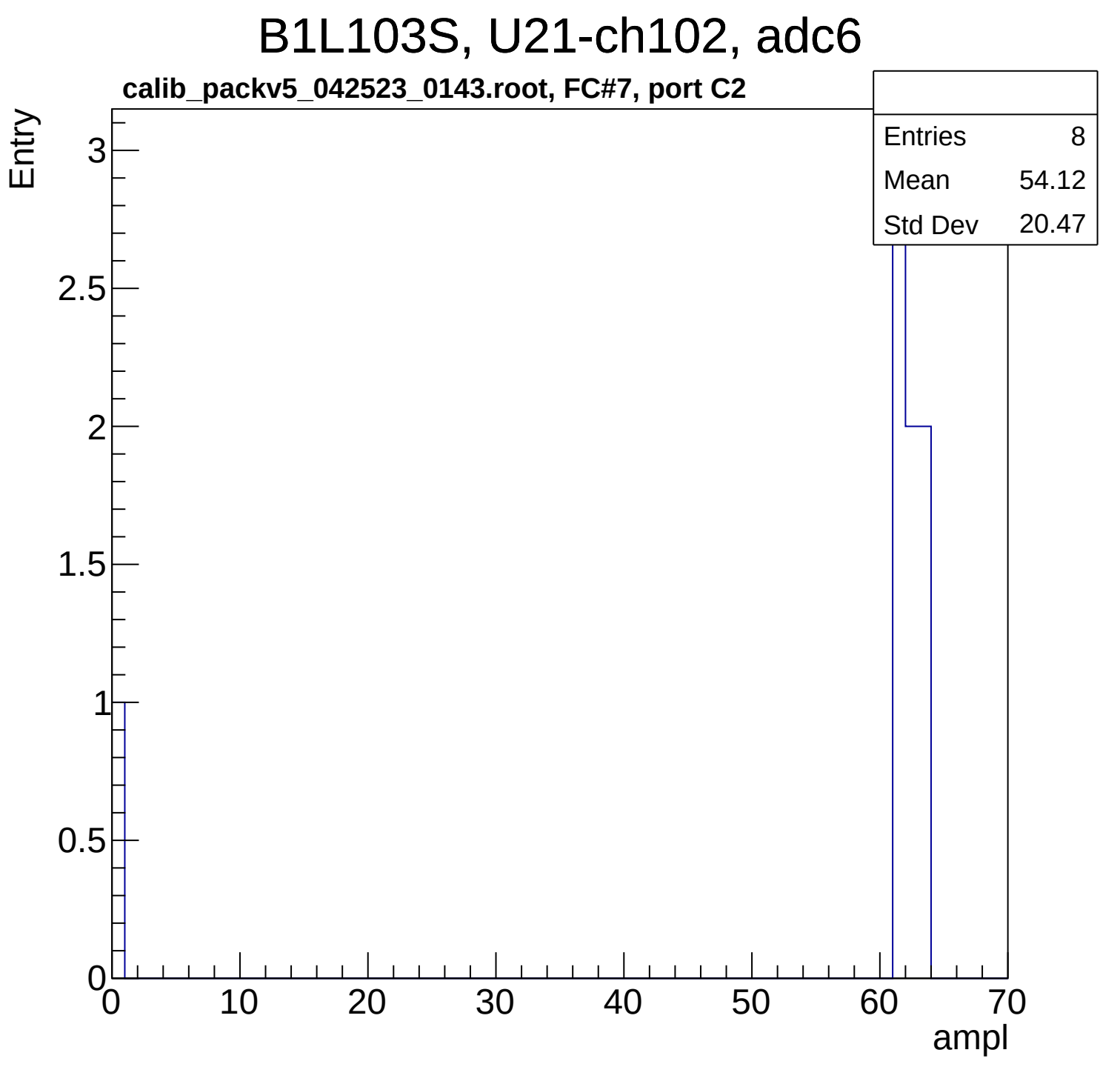
B1L103S, U21-ch102, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 8
Mean 54.12
Std Dev 20.47
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
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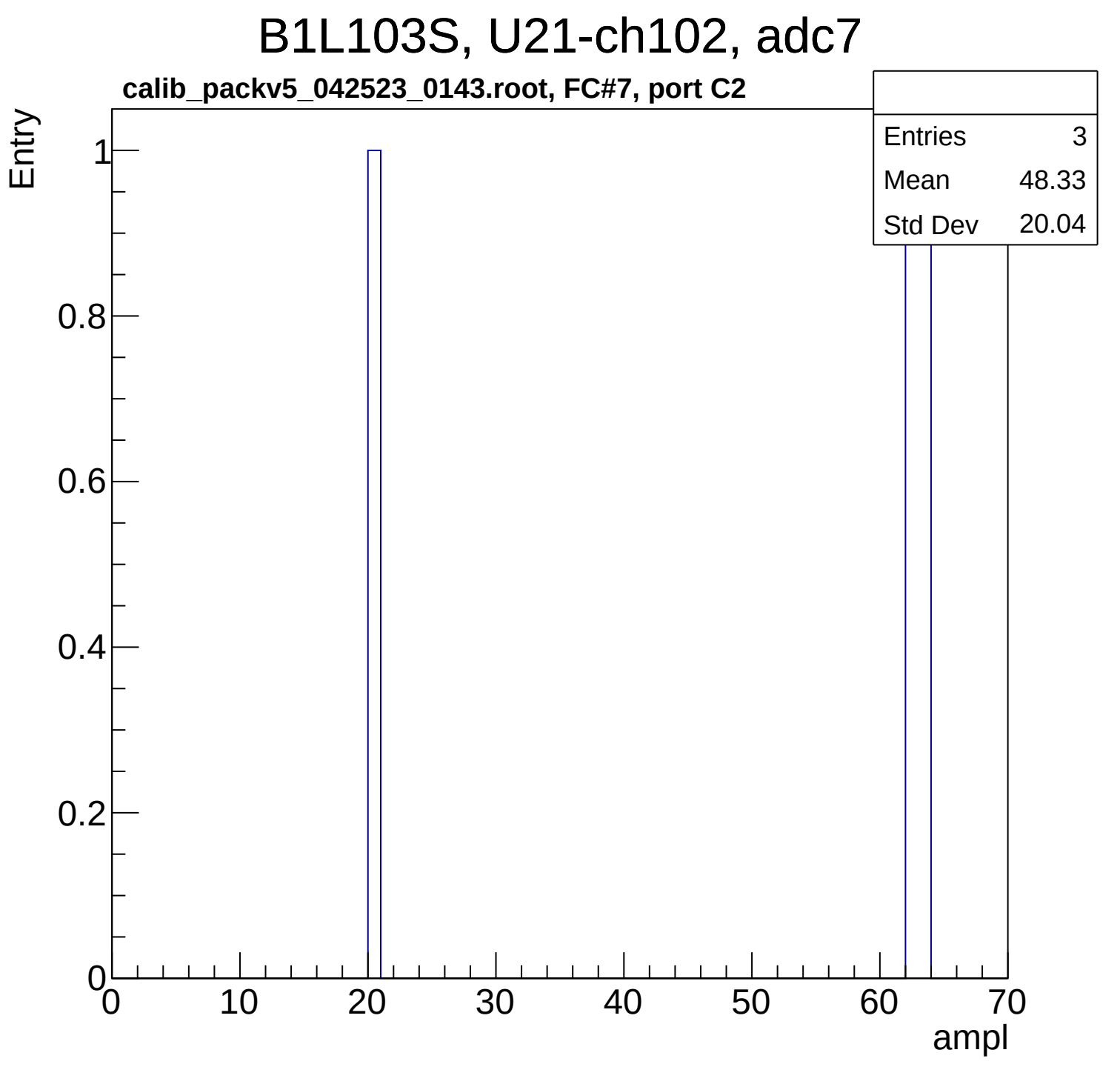
40
50
60
70


B1L103S, U21-ch102, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 48.33
Std Dev 20.04
Entry
ampl
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0.4
0.6
0.8
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0
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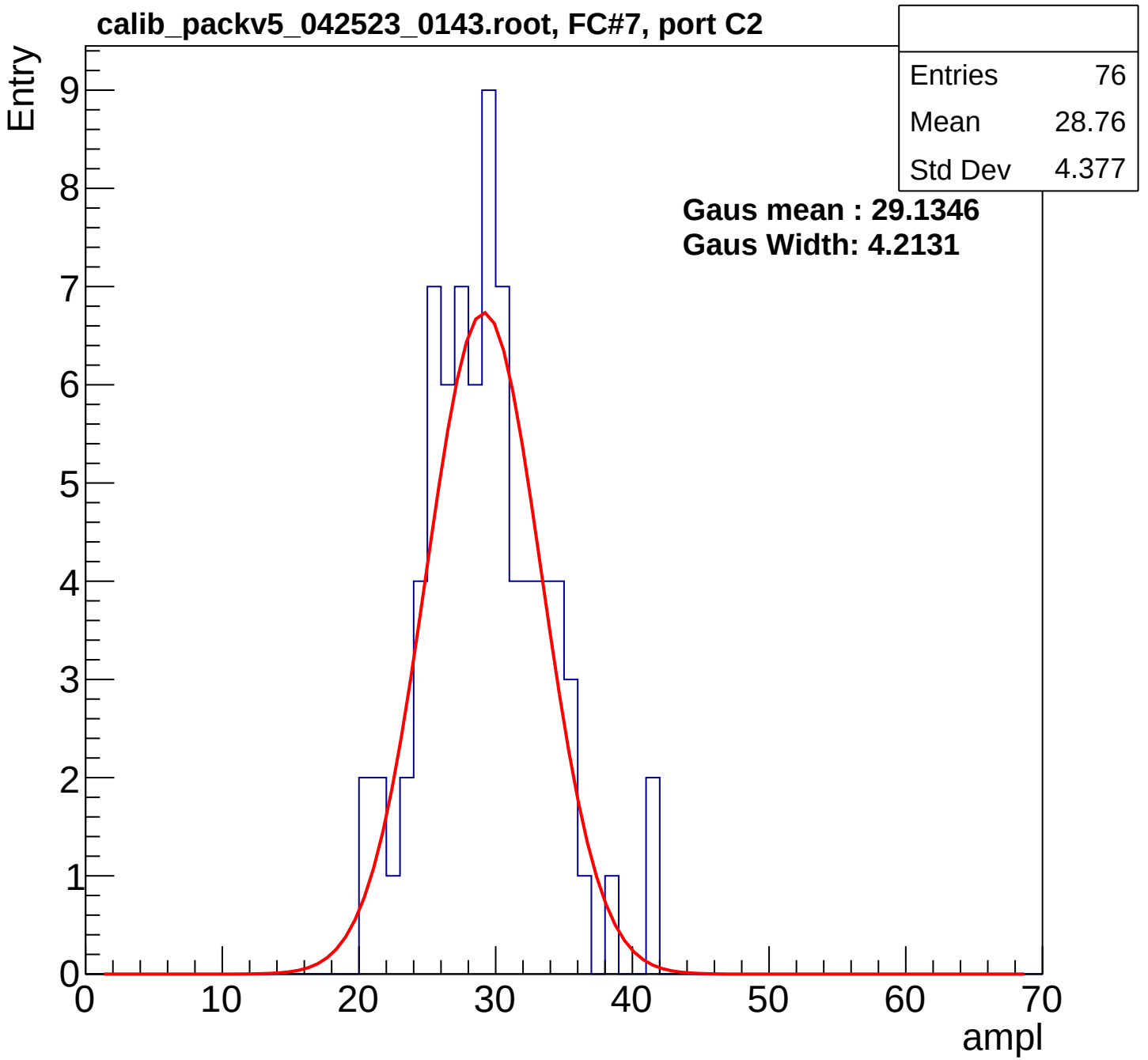
B1L103S, U21-ch103, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 28.76
Std Dev 4.377
Gaus mean : 29.1346
Gaus Width: 4.2131
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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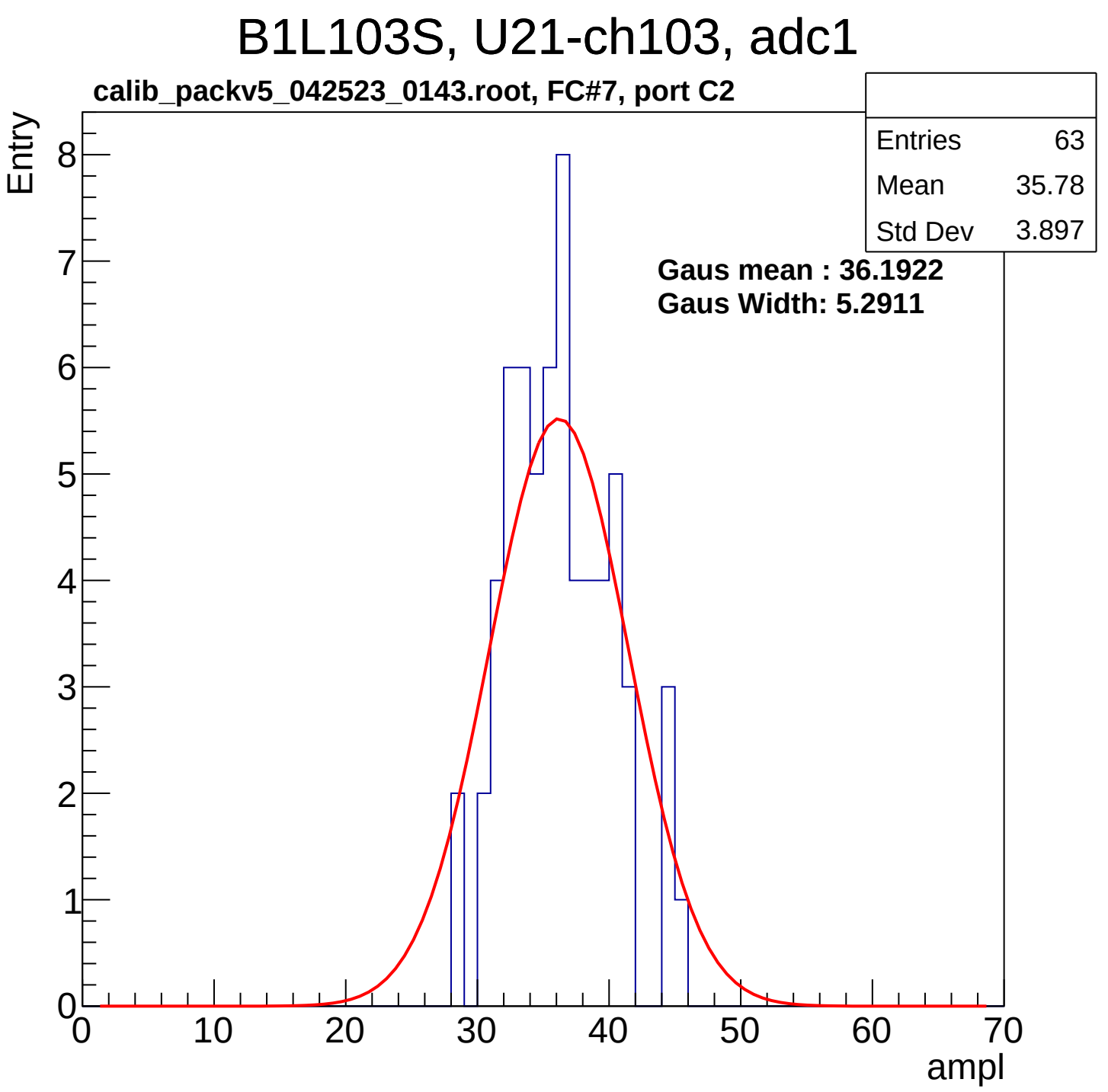
B1L103S, U21-ch103, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 35.78
Std Dev 3.897
Gaus mean : 36.1922
Gaus Width: 5.2911
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
30
40
50
60
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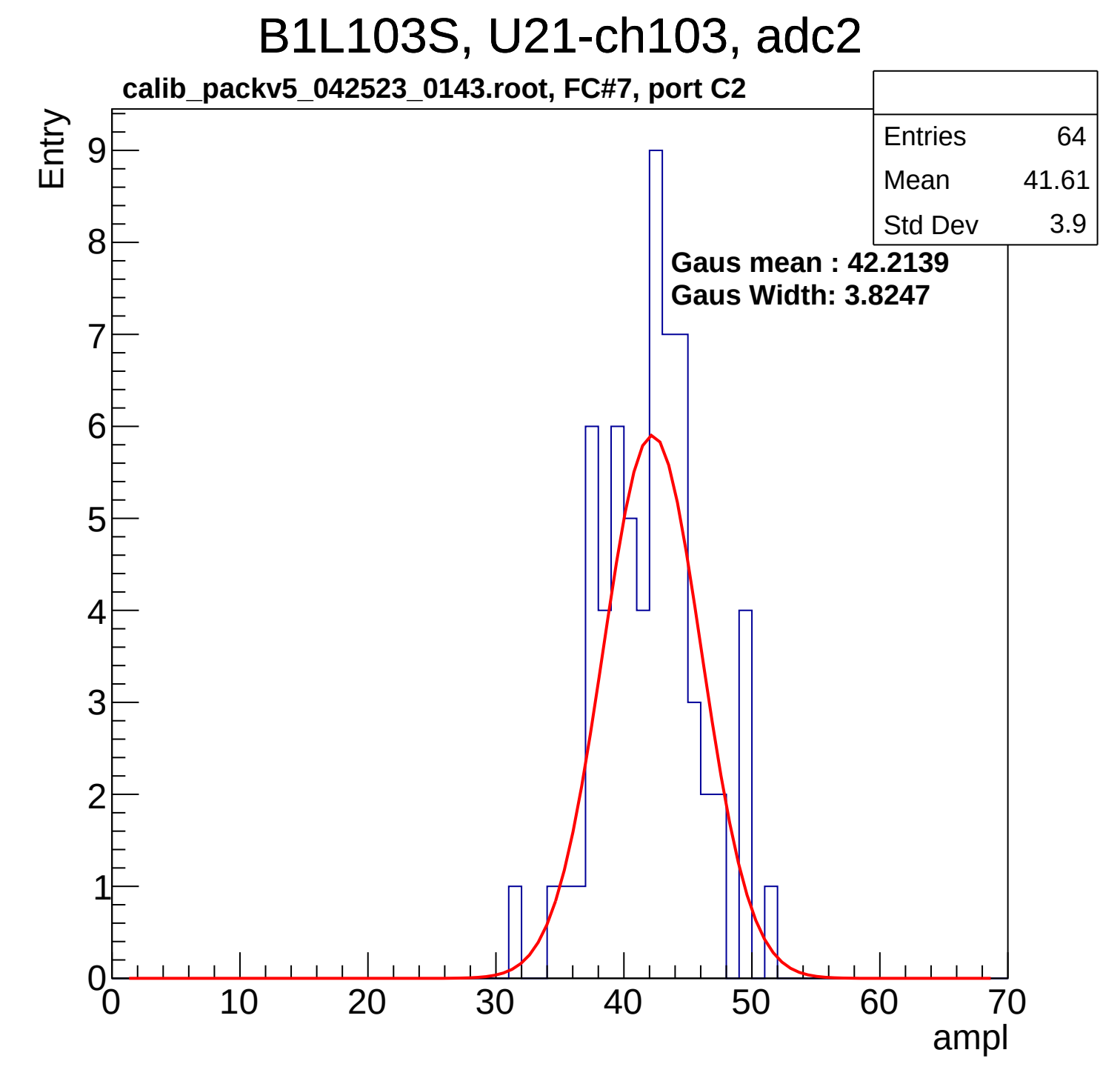
B1L103S, U21-ch103, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 41.61
Std Dev 3.9
Gaus mean : 42.2139
Gaus Width: 3.8247
Entry
ampl
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2
3
4
5
6
7
8
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0
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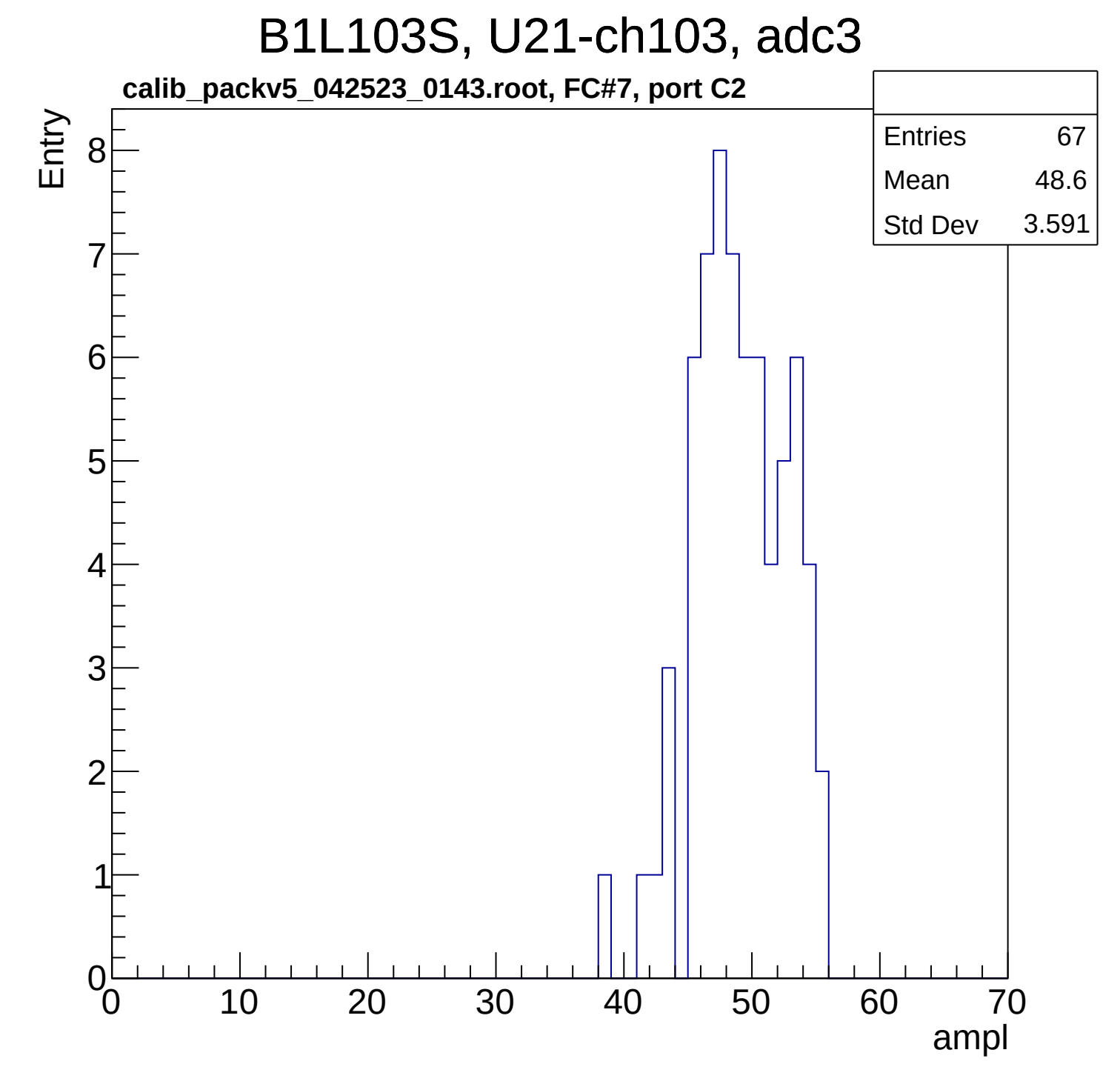
B1L103S, U21-ch103, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 48.6
Std Dev 3.591
Entry
ampl
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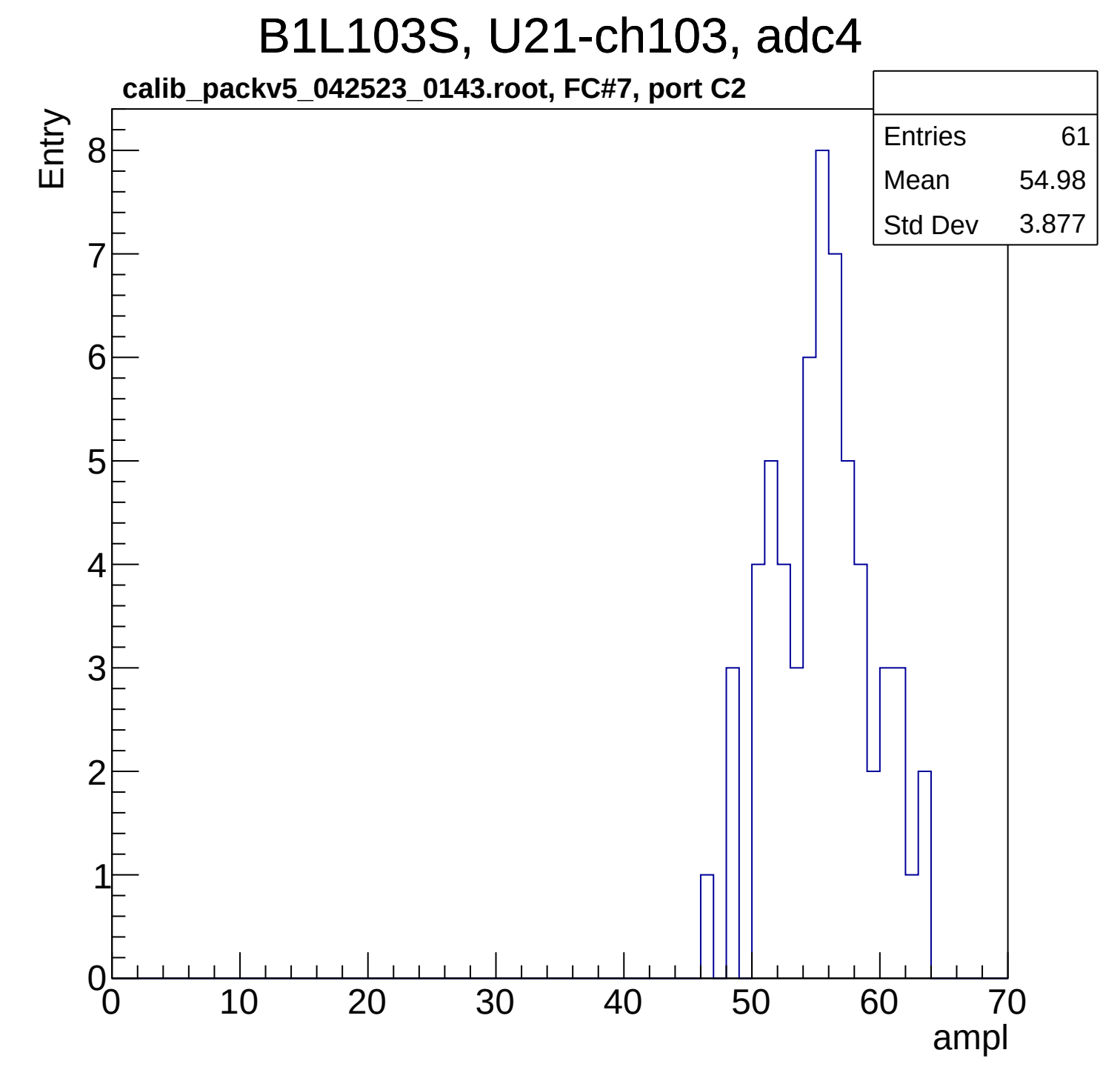
B1L103S, U21-ch103, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 54.98
Std Dev 3.877
Entry
ampl
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0
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60
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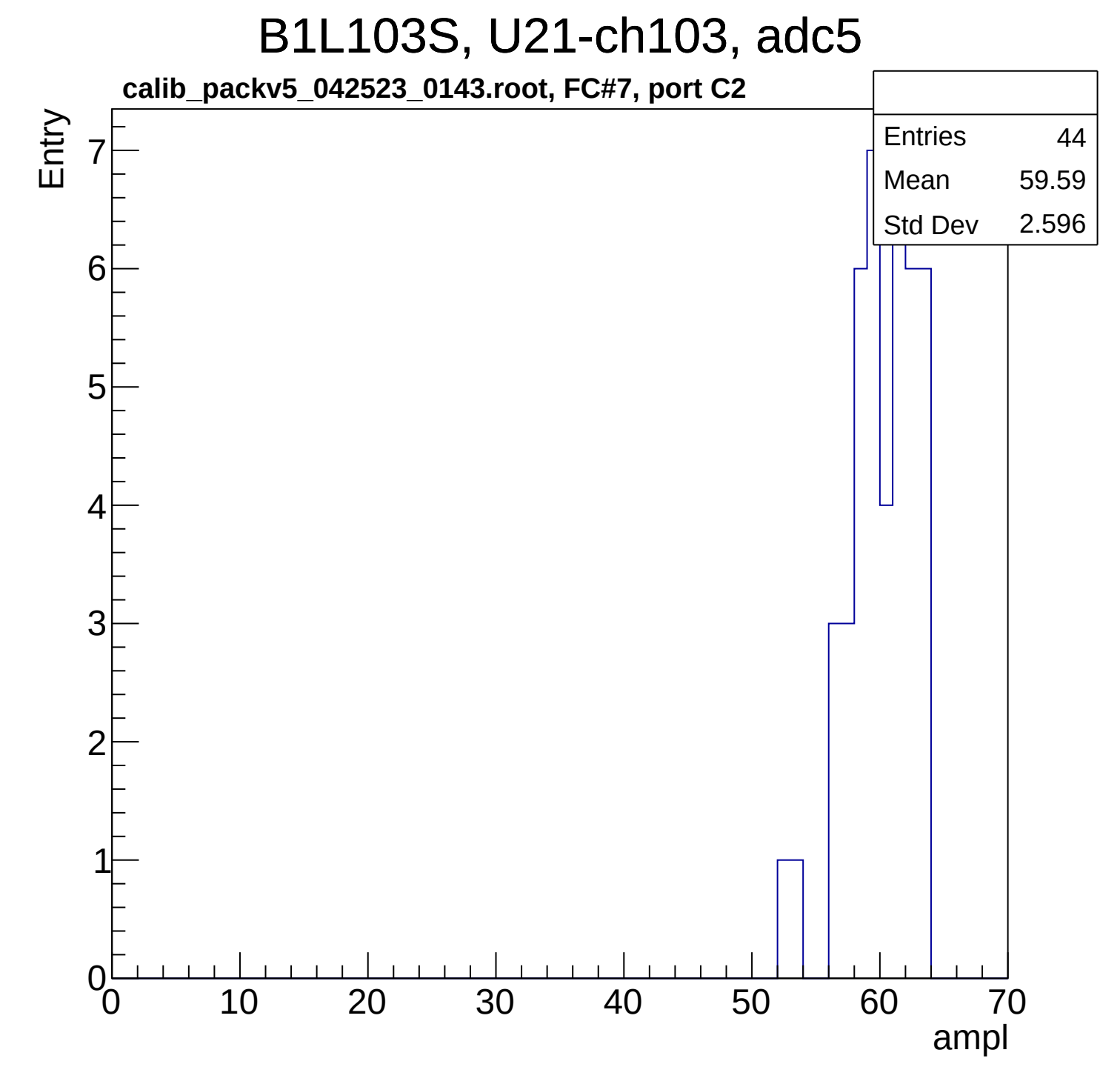
B1L103S, U21-ch103, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 44
Mean 59.59
Std Dev 2.596
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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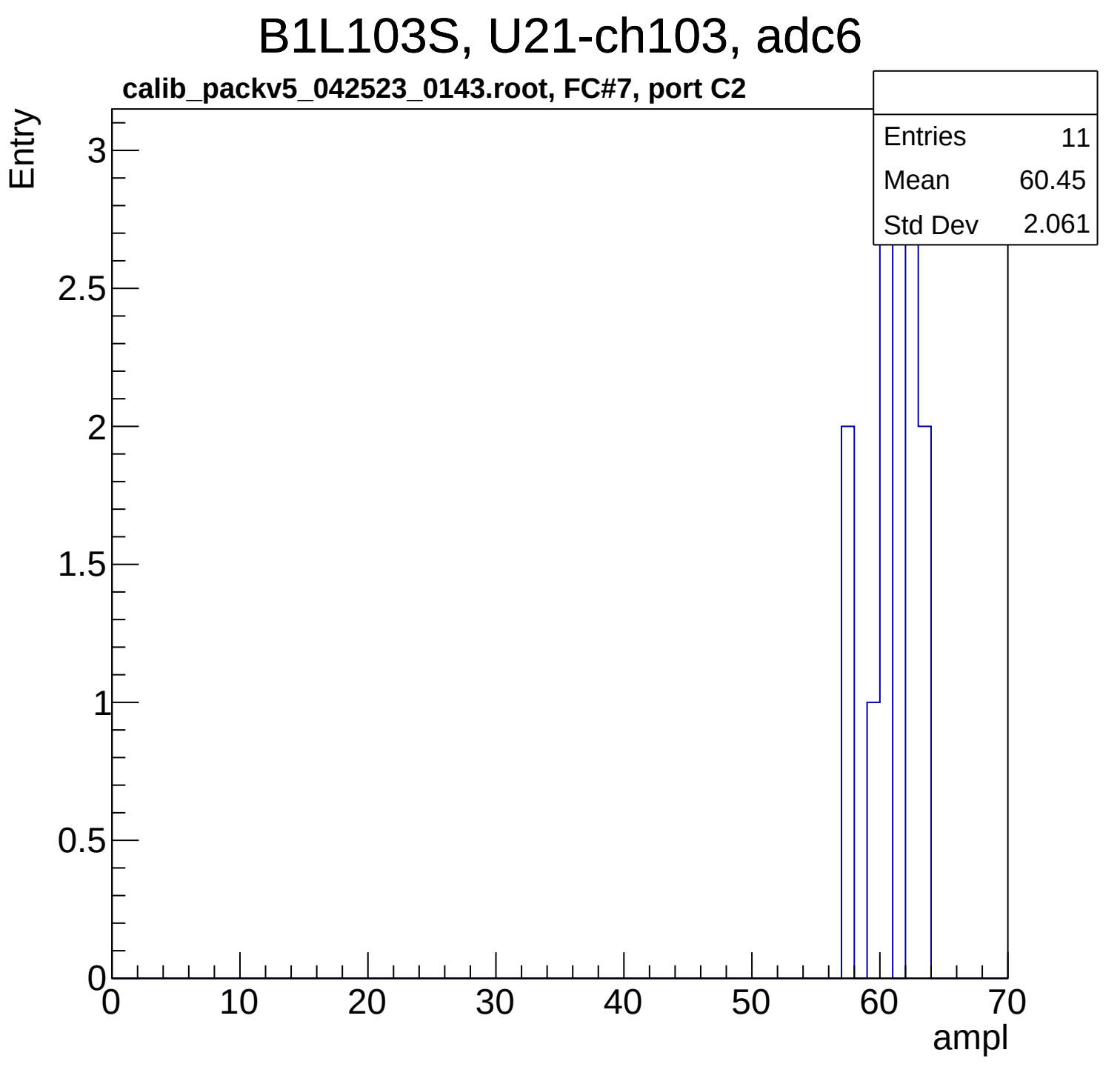
B1L103S, U21-ch103, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 11
Mean 60.45
Std Dev 2.061
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
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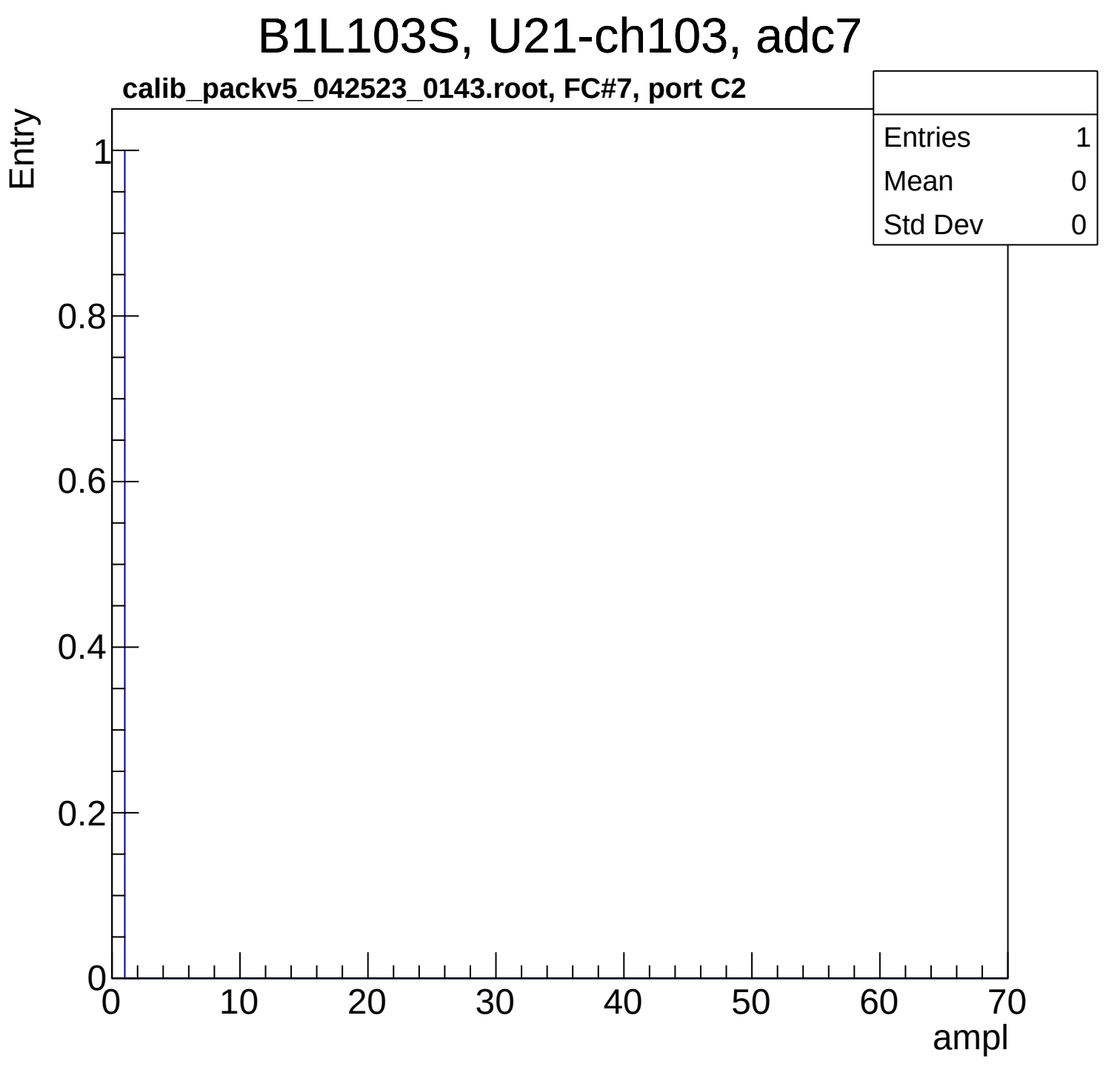
B1L103S, U21-ch103, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
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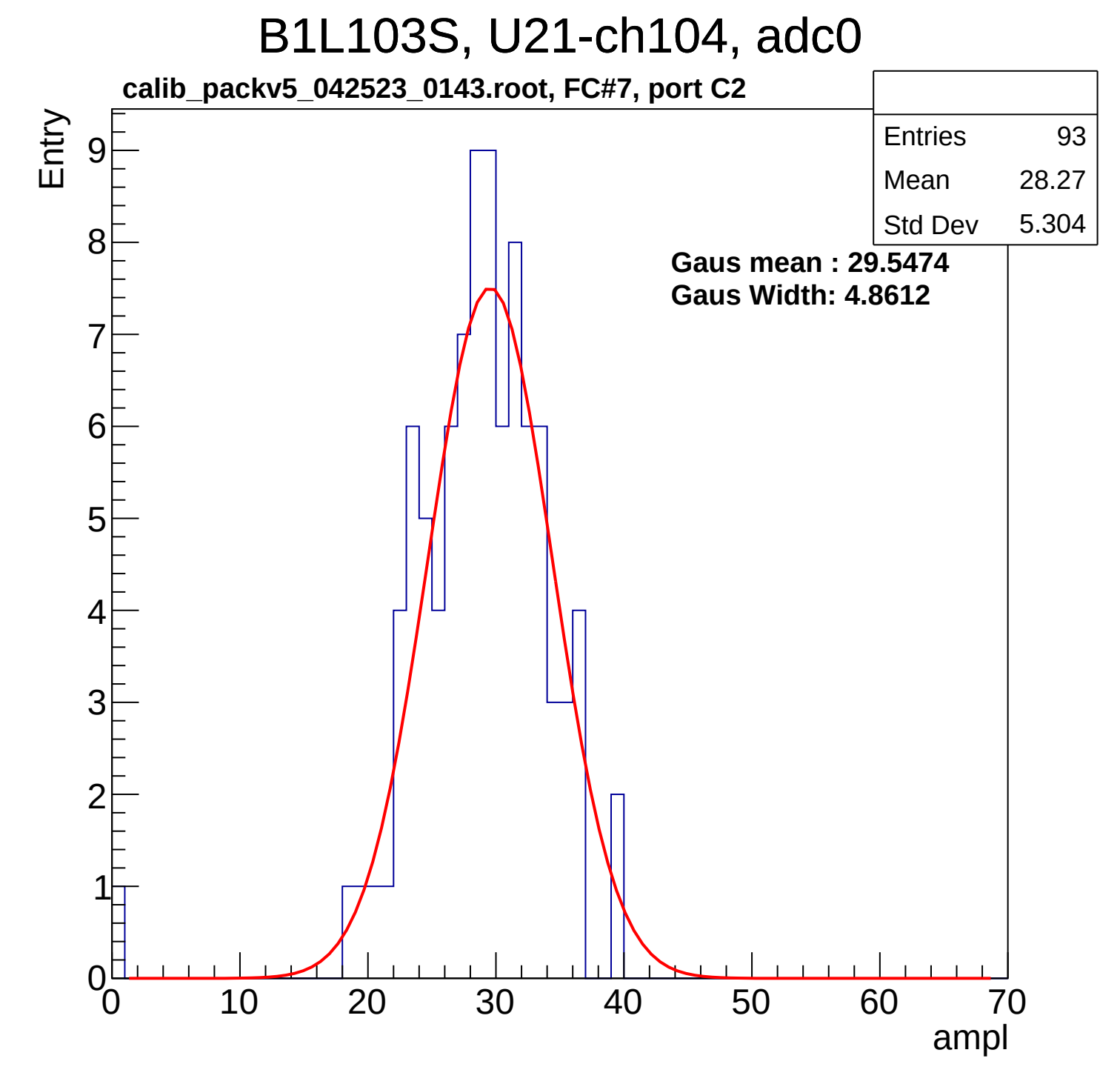
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch104, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 93
Mean 28.27
Std Dev 5.304
Gaus mean : 29.5474
Gaus Width: 4.8612
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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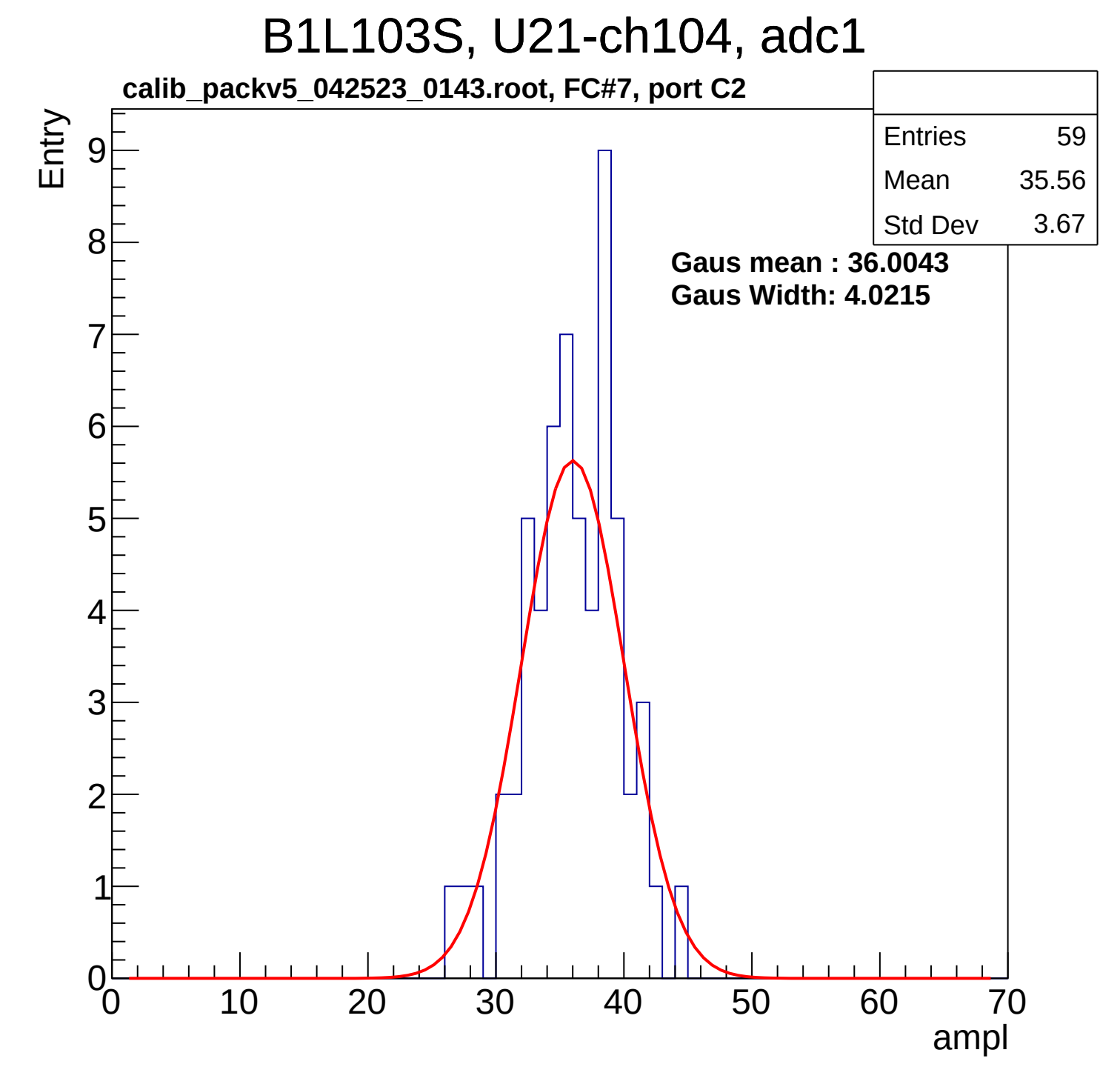
B1L103S, U21-ch104, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 35.56
Std Dev 3.67
Gaus mean : 36.0043
Gaus Width: 4.0215
Entry
ampl
0
1
2
3
4
5
6
7
8
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0
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60
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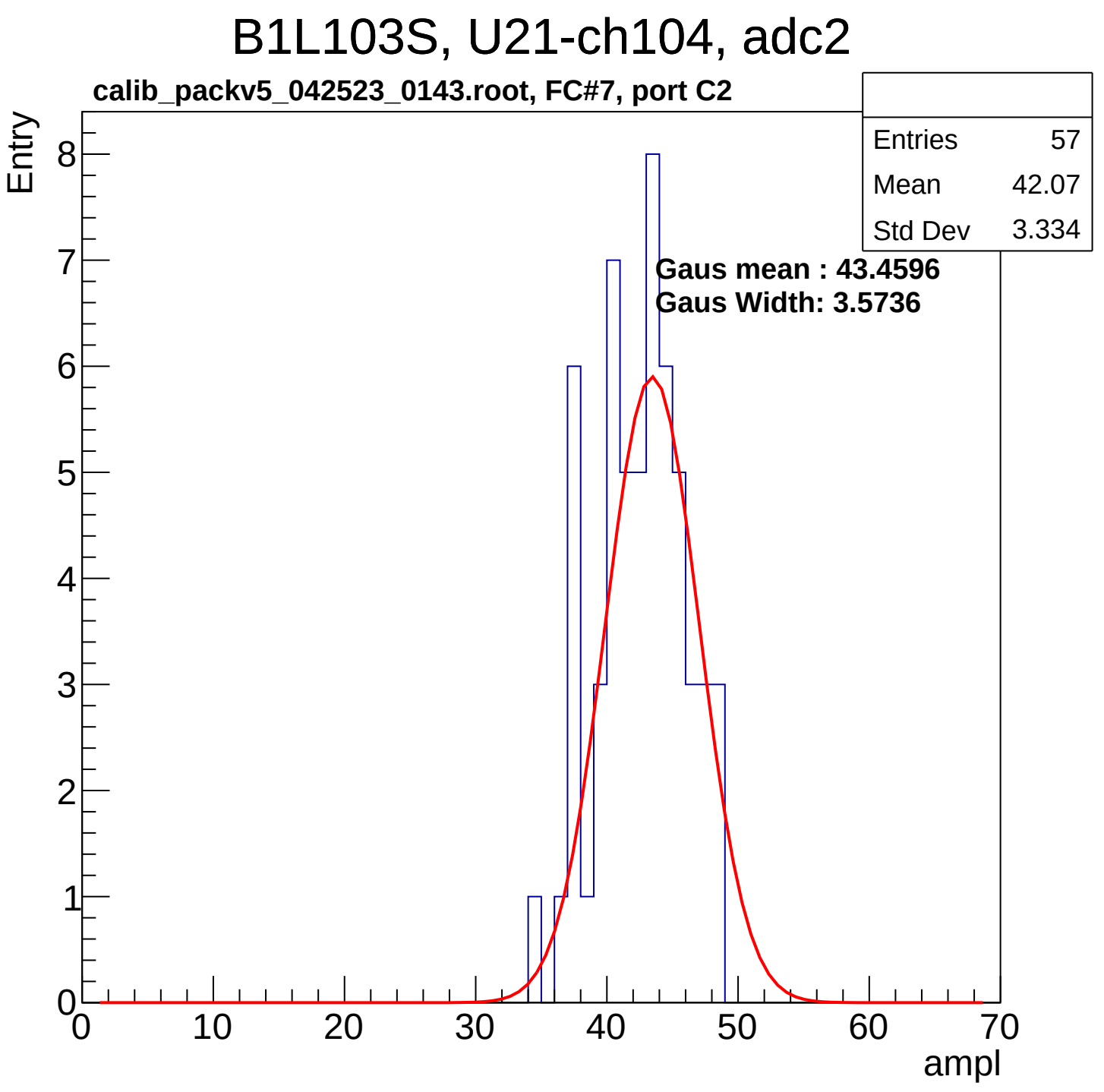
B1L103S, U21-ch104, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 42.07
Std Dev 3.334
Gaus mean : 43.4596
Gaus Width: 3.5736
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
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40
50
60
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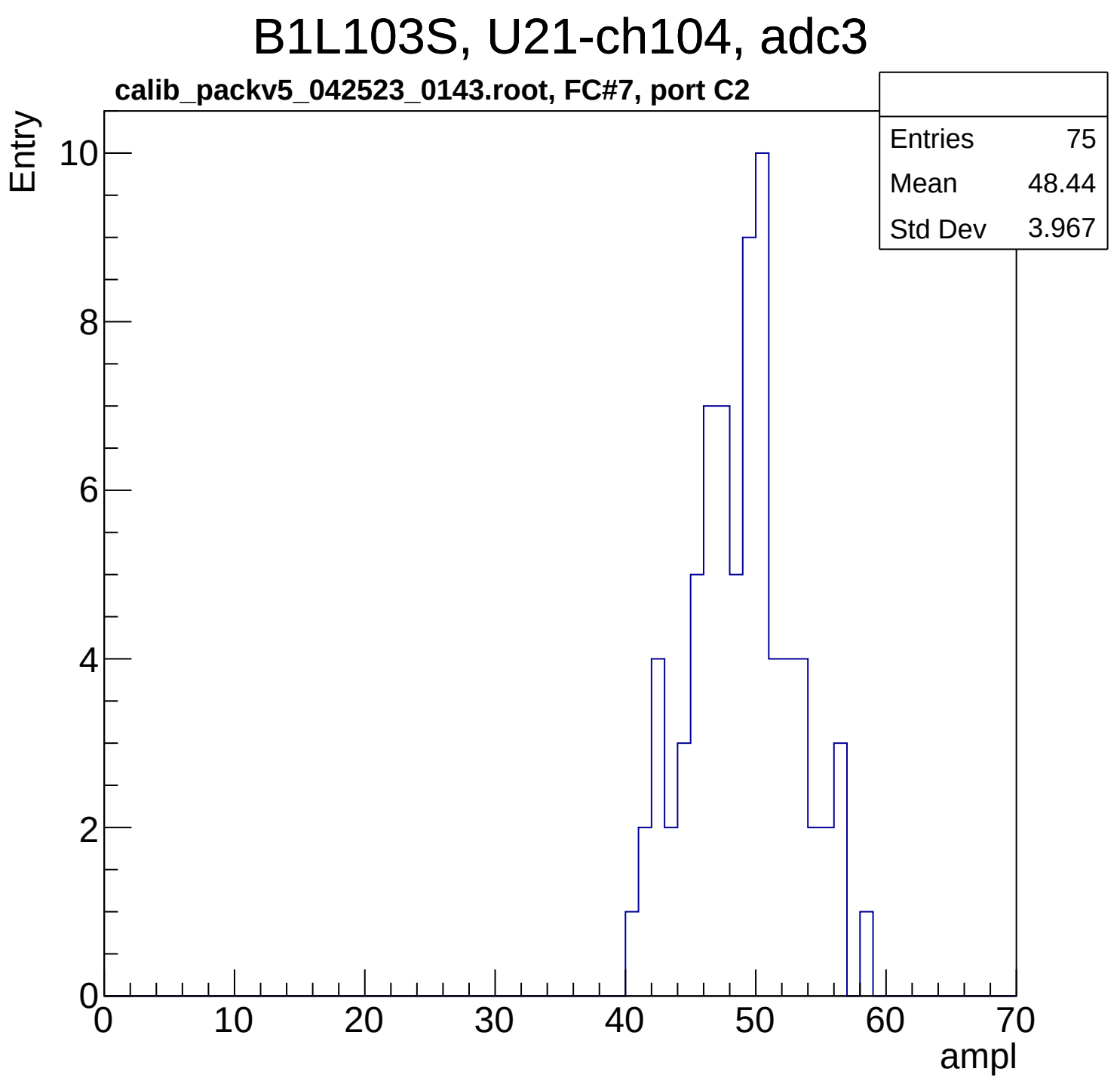
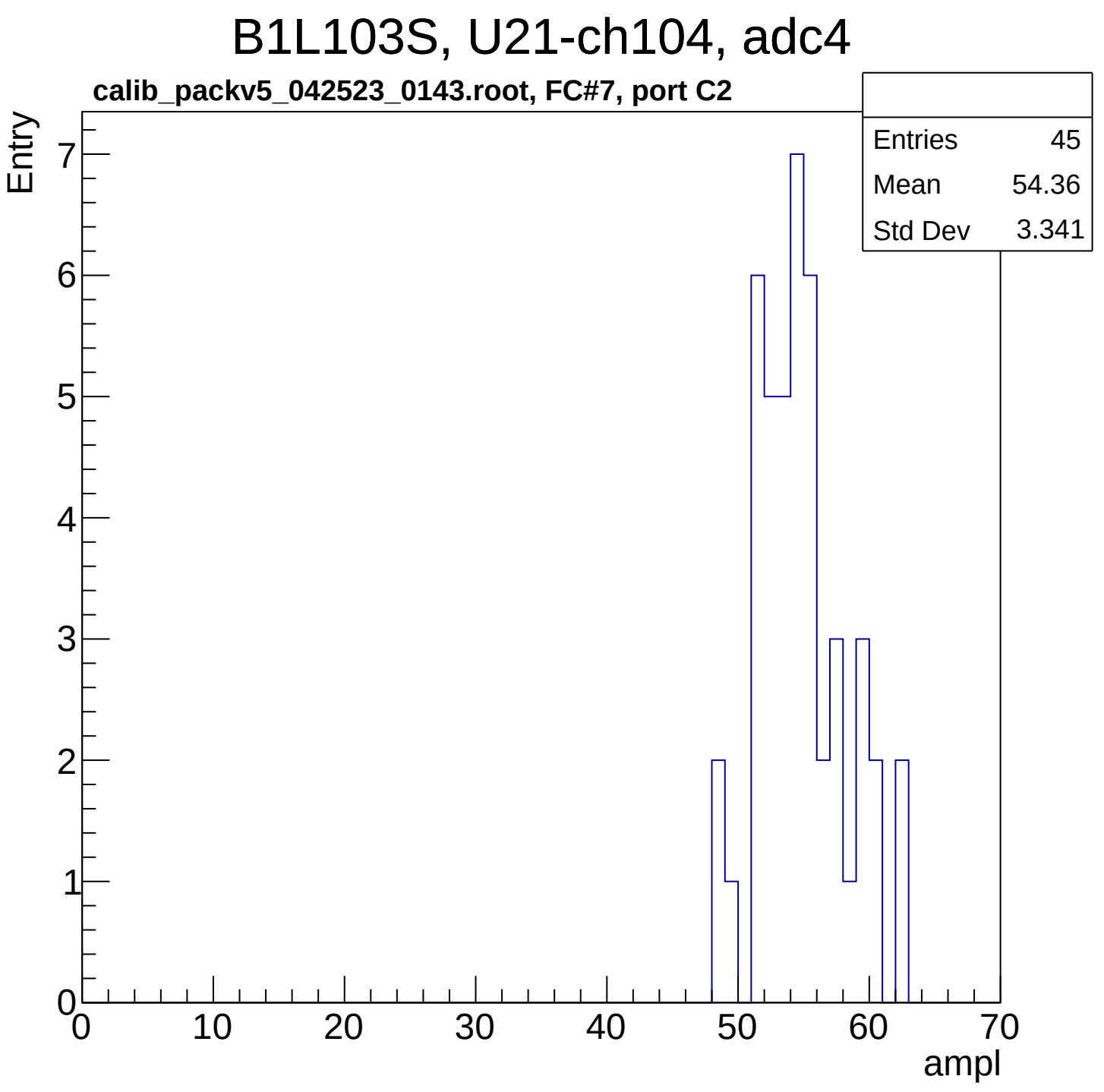

B1L103S, U21-ch104, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 75
Mean 48.44
Std Dev 3.967
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch104, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 45
Mean 54.36
Std Dev 3.341
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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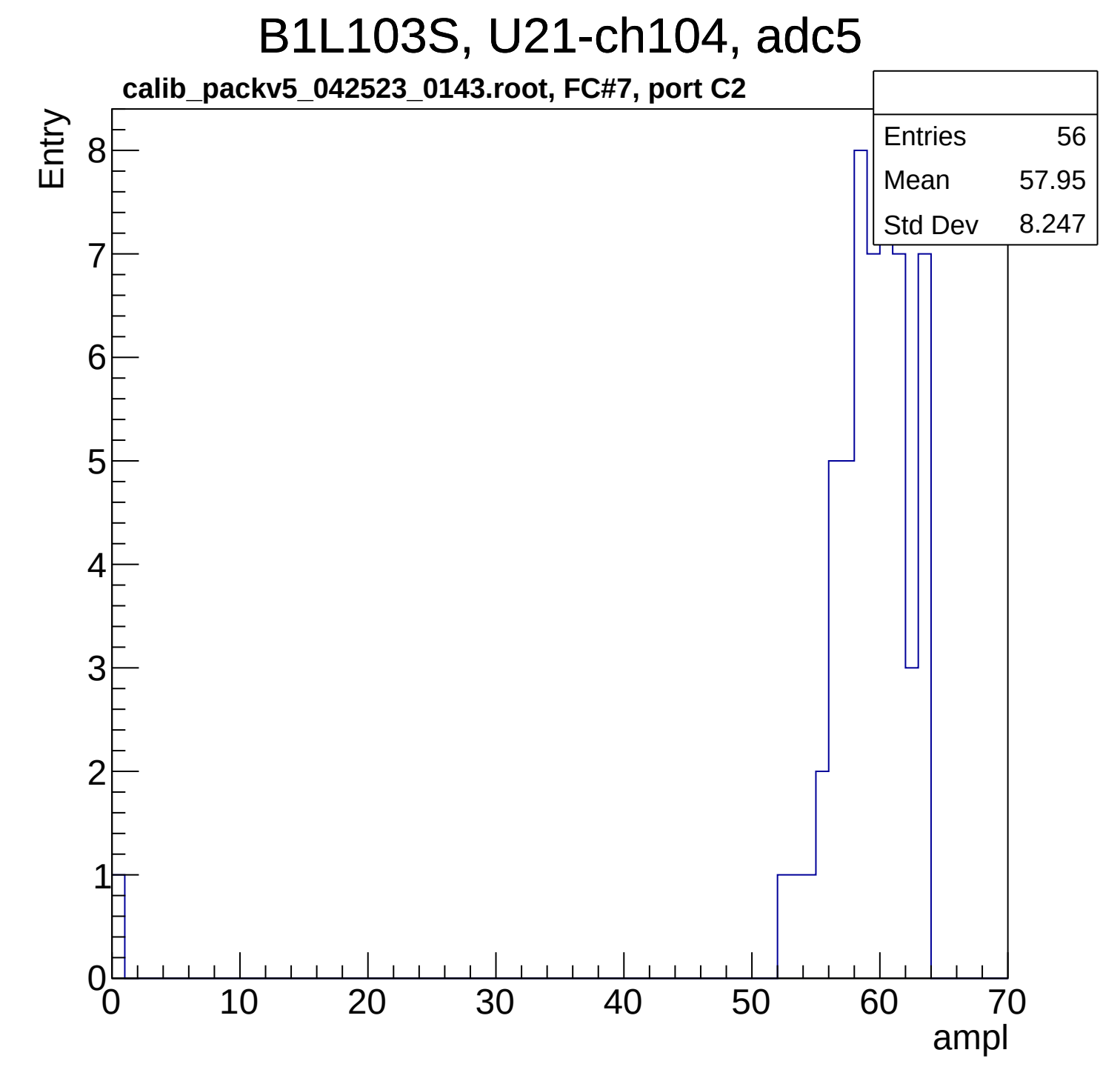
B1L103S, U21-ch104, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 57.95
Std Dev 8.247
Entry
ampl
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2
3
4
5
6
7
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0
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60
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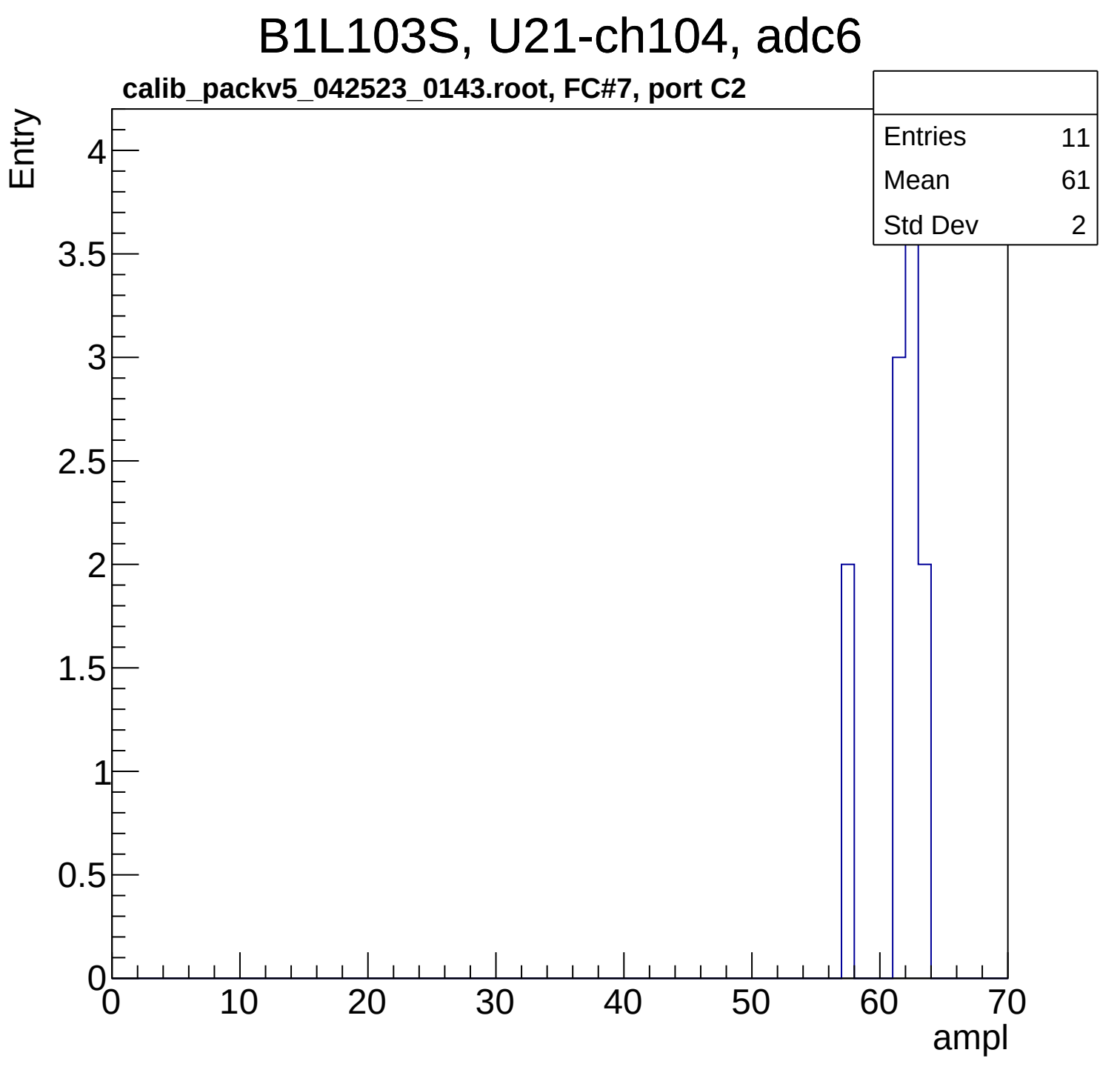
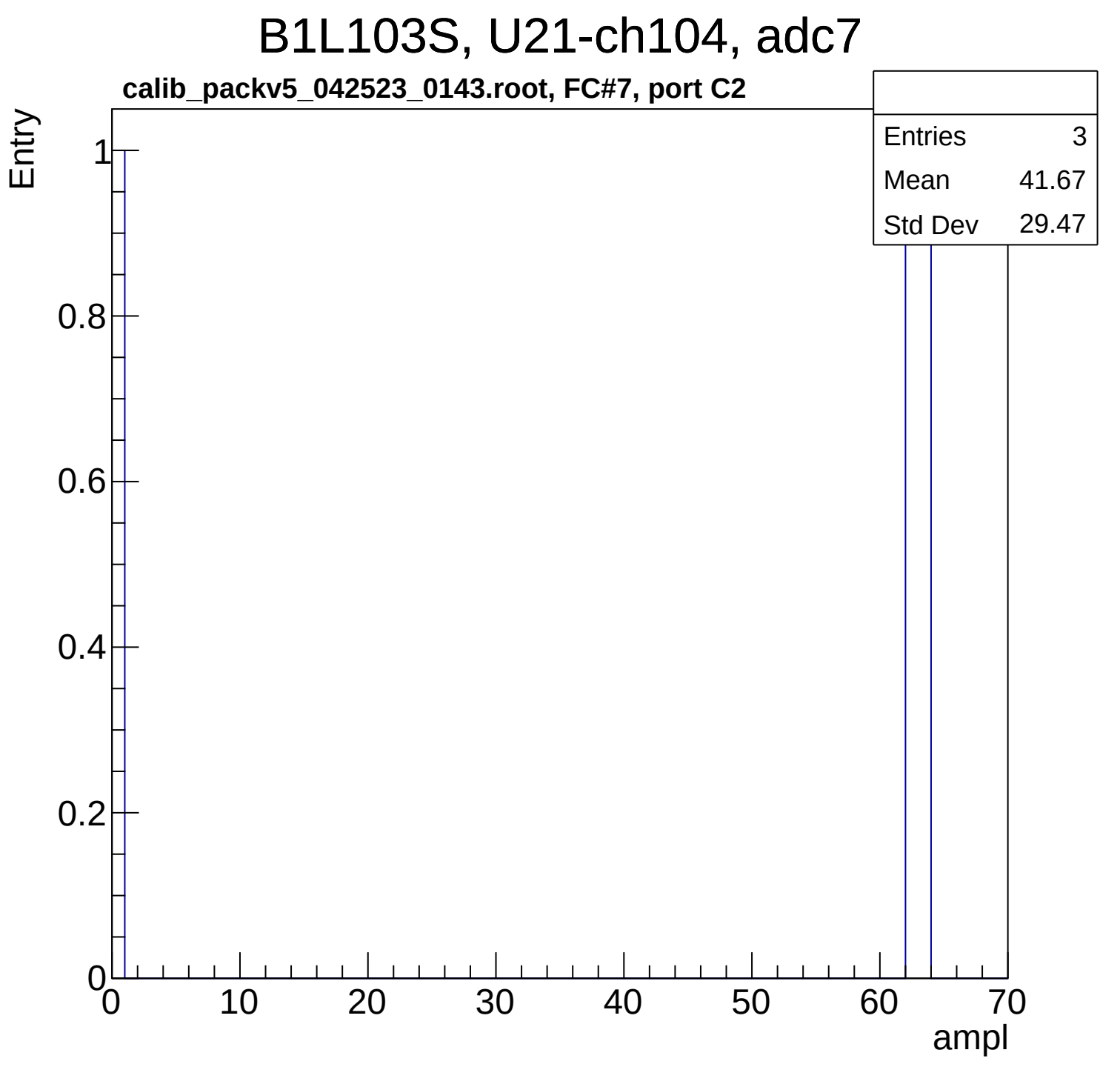
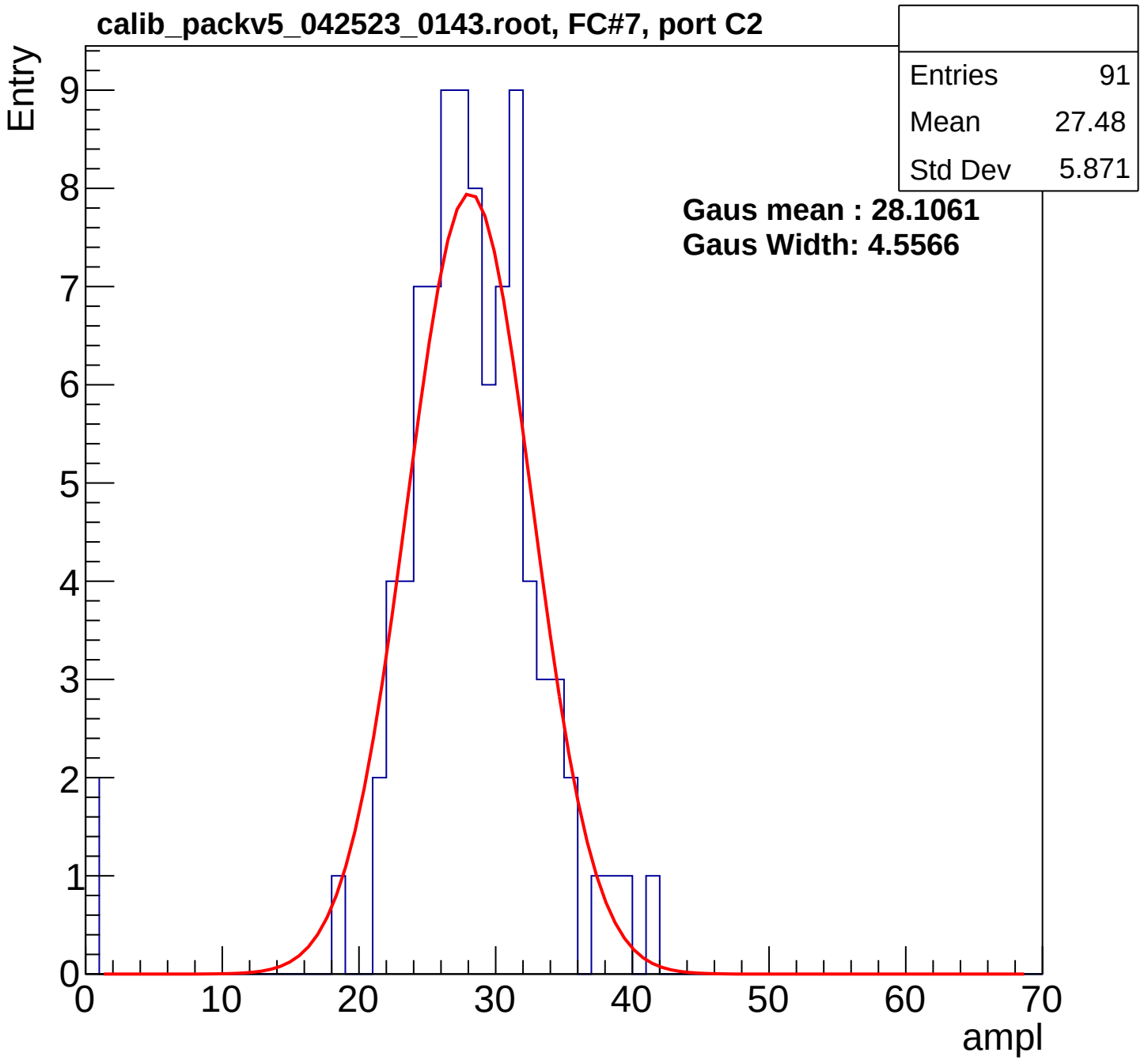

B1L103S, U21-ch104, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 11
Mean 61
Std Dev 2
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L103S, U21-ch104, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 41.67
Std Dev 29.47
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch105, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 91
Mean 27.48
Std Dev 5.871
Gaus mean : 28.1061
Gaus Width: 4.5566
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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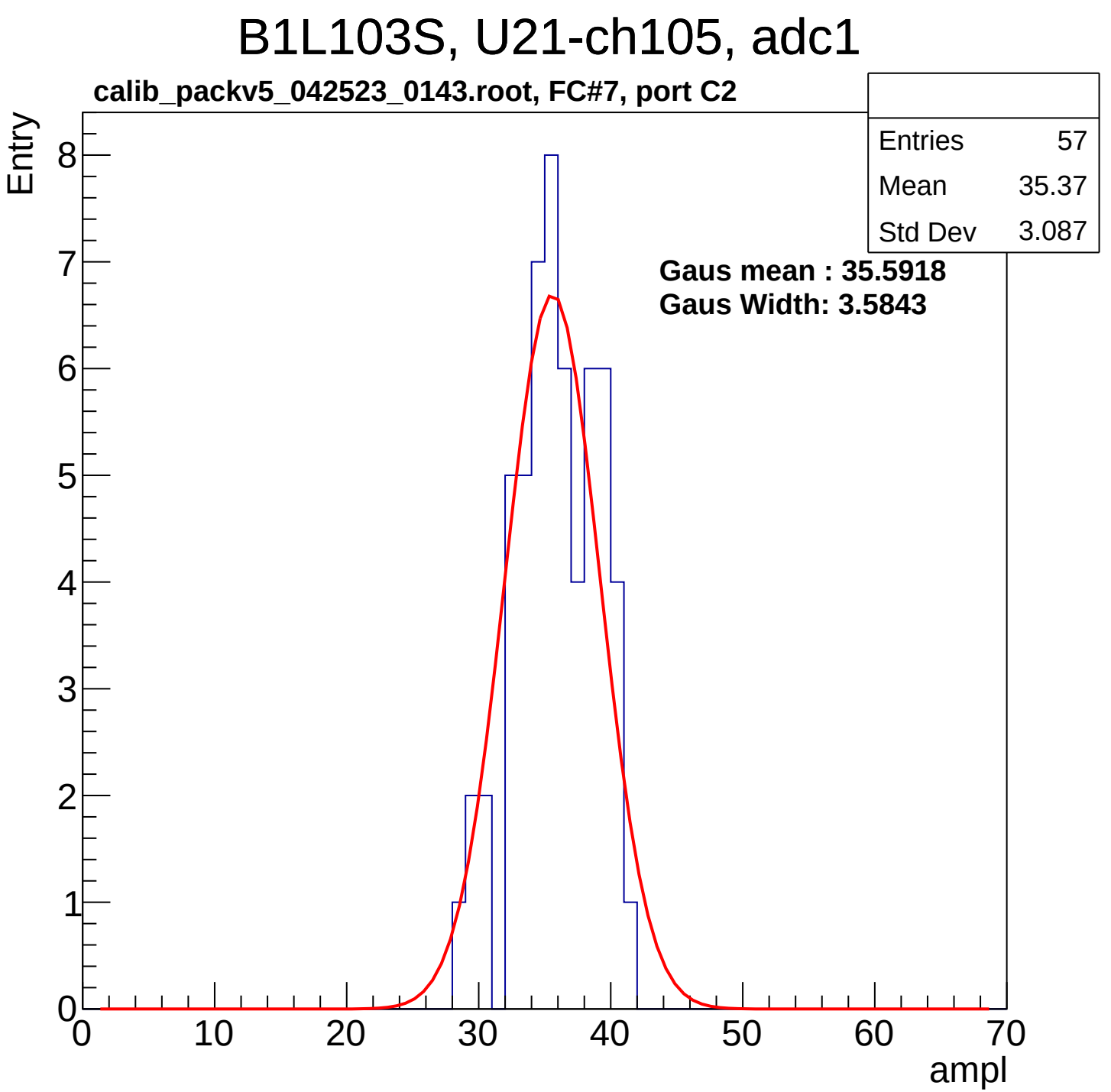
B1L103S, U21-ch105, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 35.37
Std Dev 3.087
Gaus mean : 35.5918
Gaus Width: 3.5843
Entry
ampl
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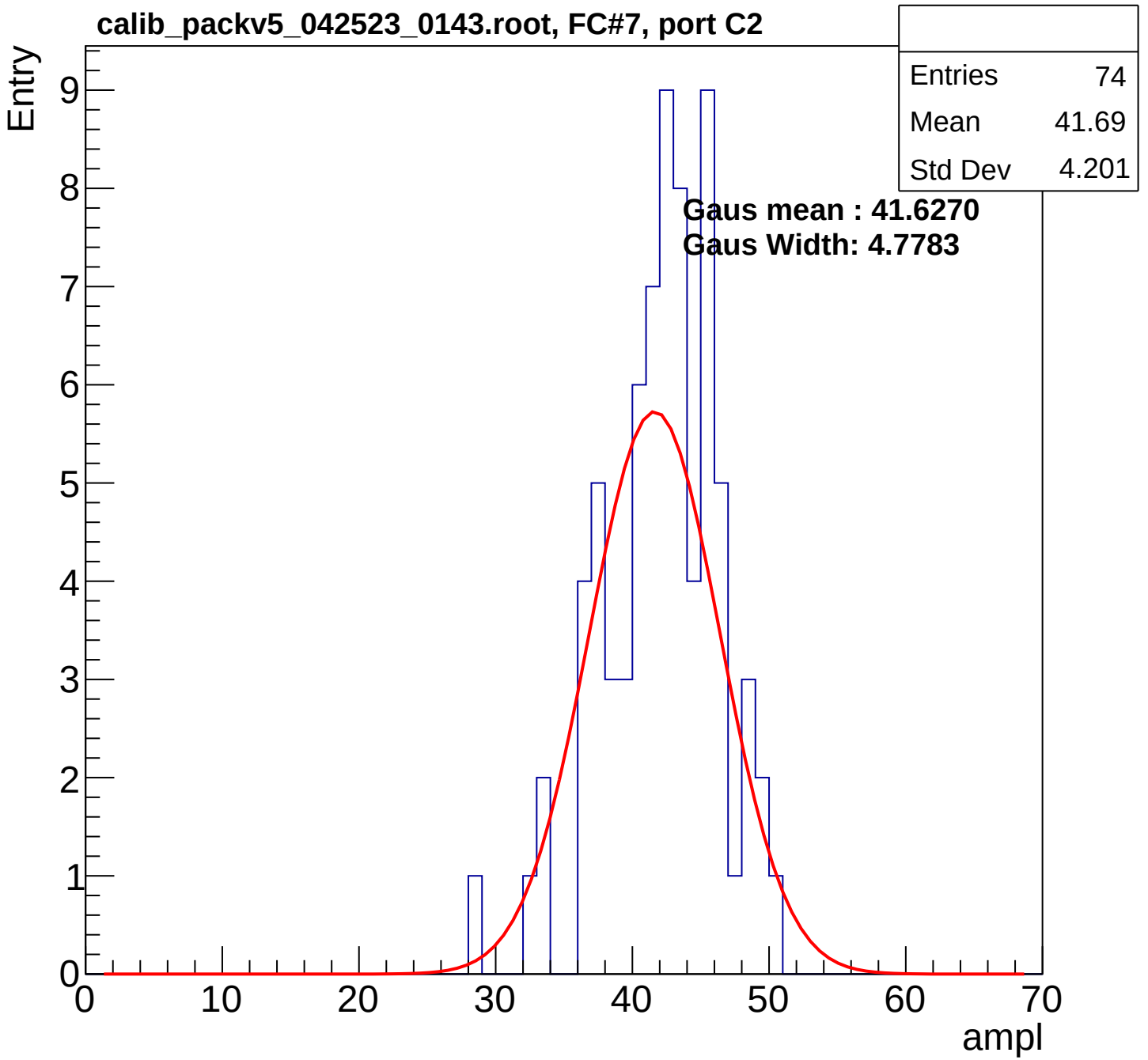
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch105, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 41.69
Std Dev 4.201
Gaus mean : 41.6270
Gaus Width: 4.7783
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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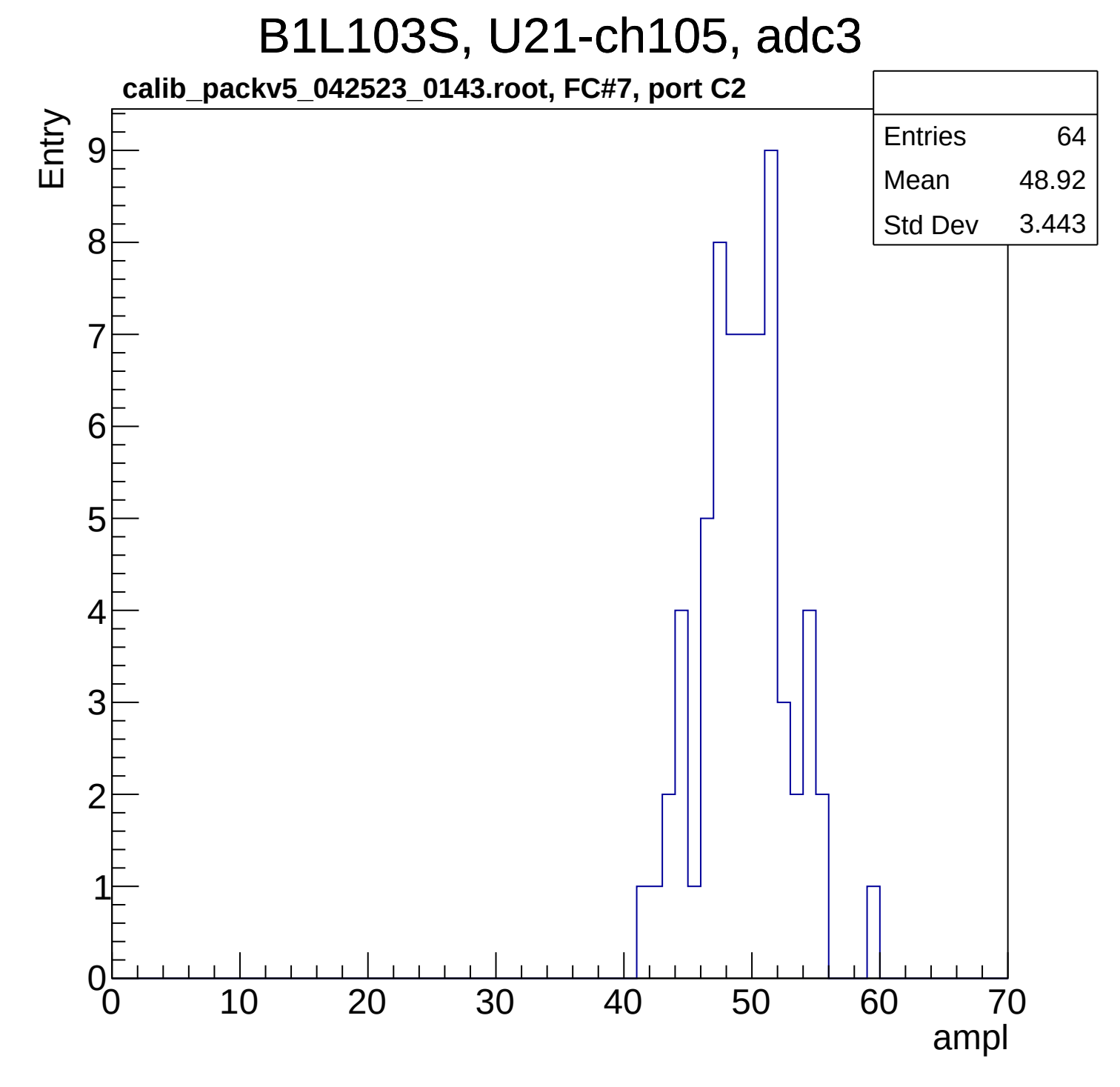
B1L103S, U21-ch105, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 48.92
Std Dev 3.443
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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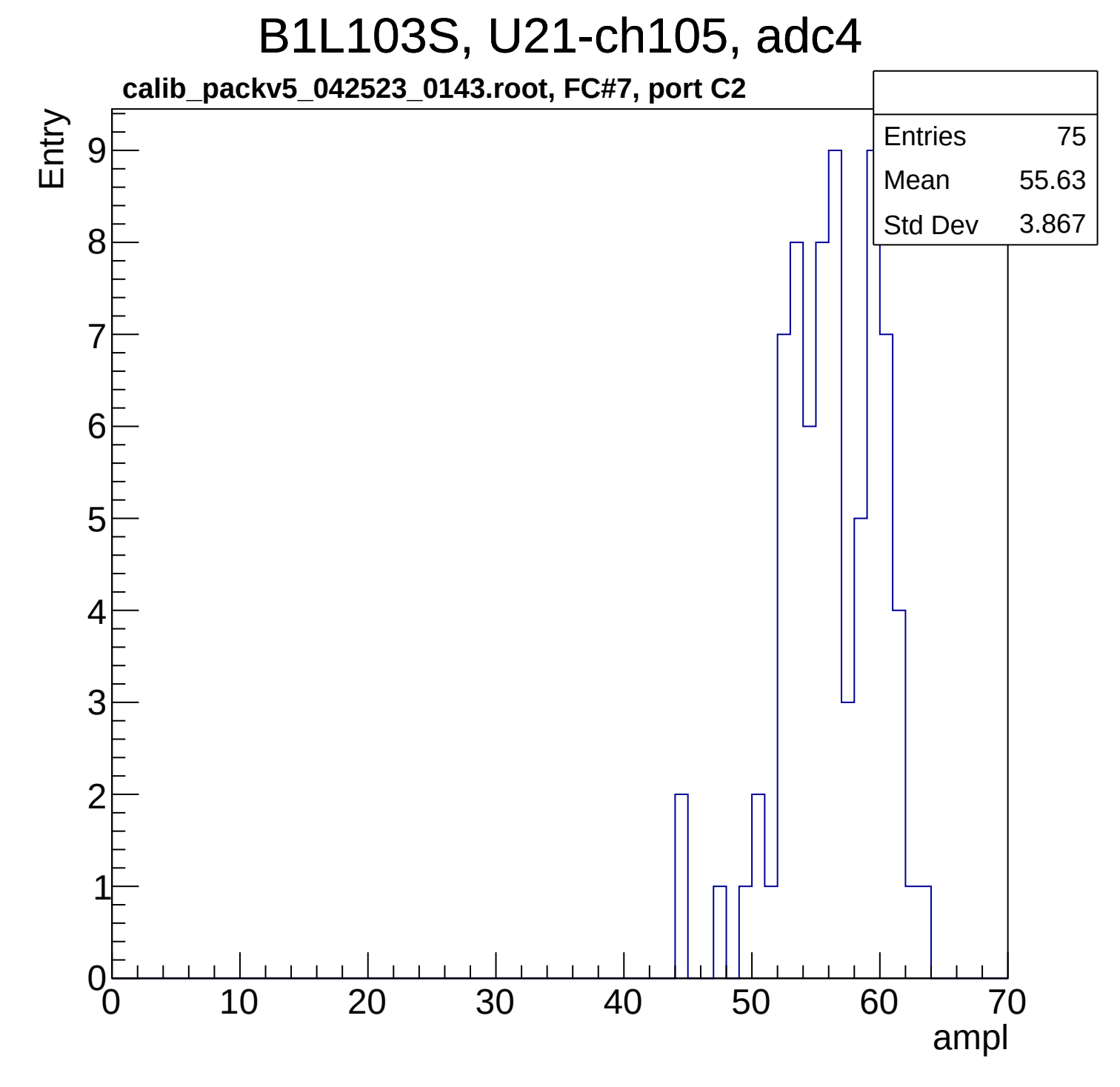
B1L103S, U21-ch105, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 75
Mean 55.63
Std Dev 3.867
Entry
ampl
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2
3
4
5
6
7
8
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0
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20
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40
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60
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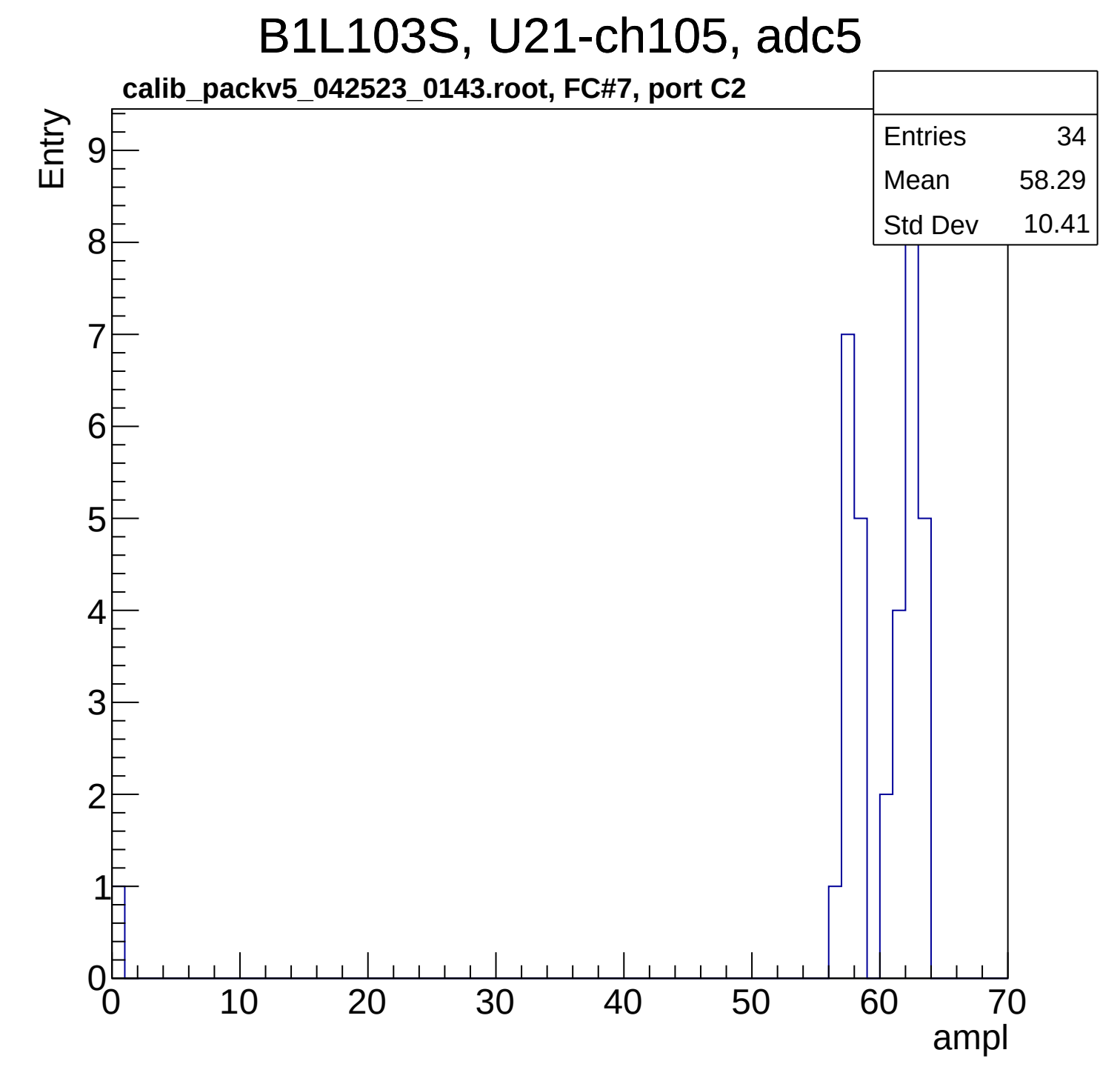
B1L103S, U21-ch105, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 34
Mean 58.29
Std Dev 10.41
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
30
40
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60
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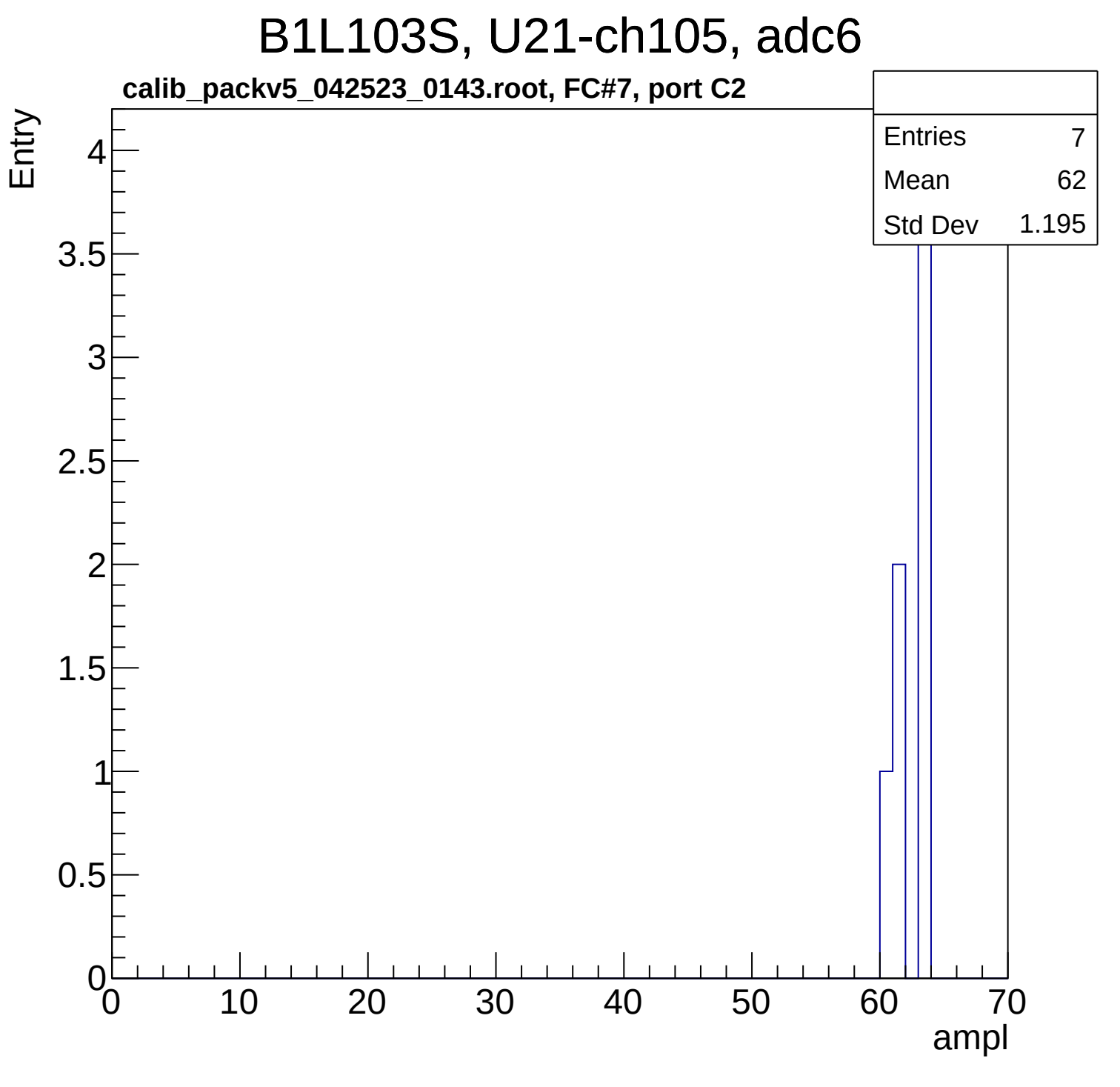
B1L103S, U21-ch105, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 7
Mean 62
Std Dev 1.195
Entry
ampl
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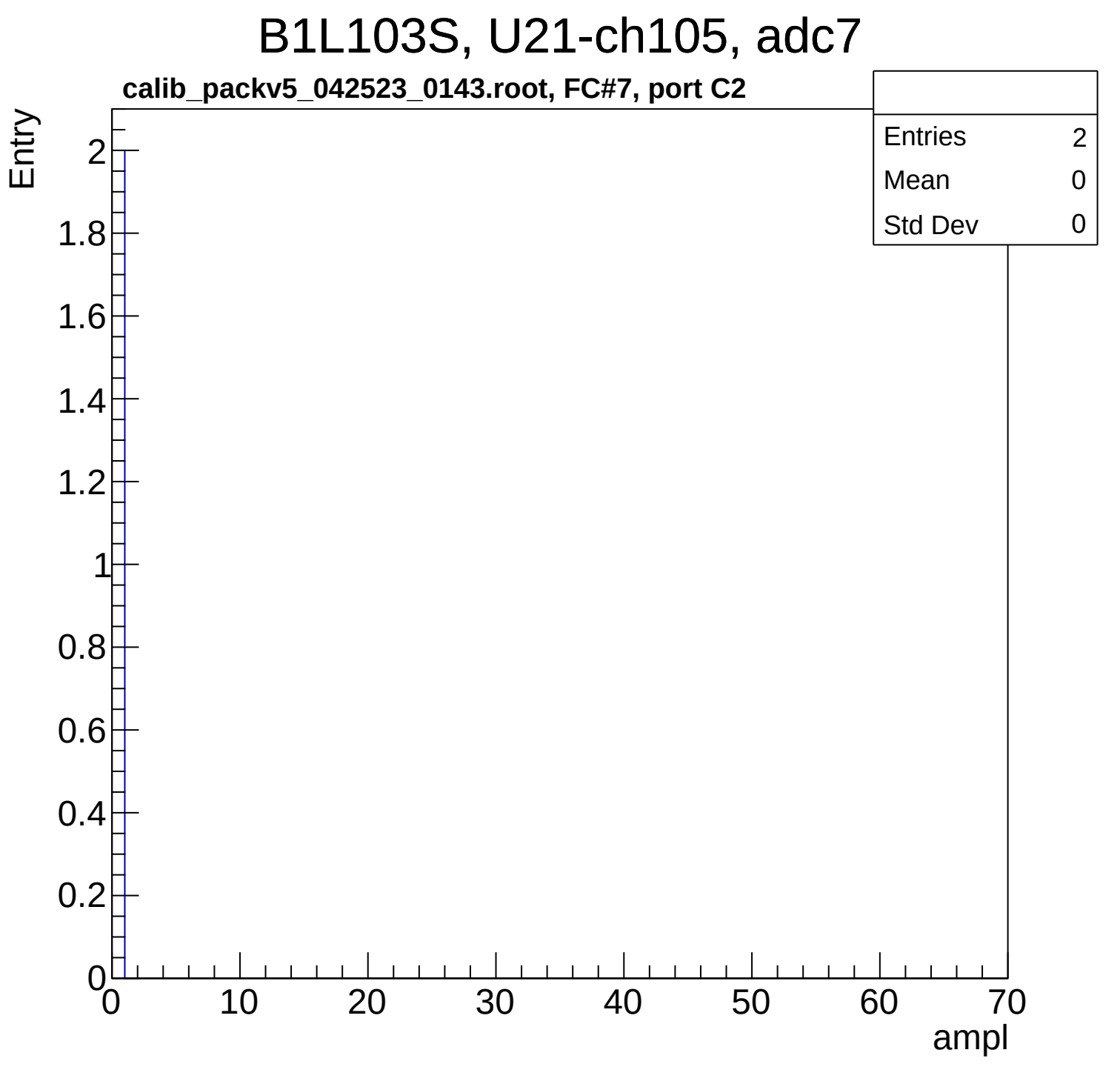
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L103S, U21-ch105, 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
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40
50
60
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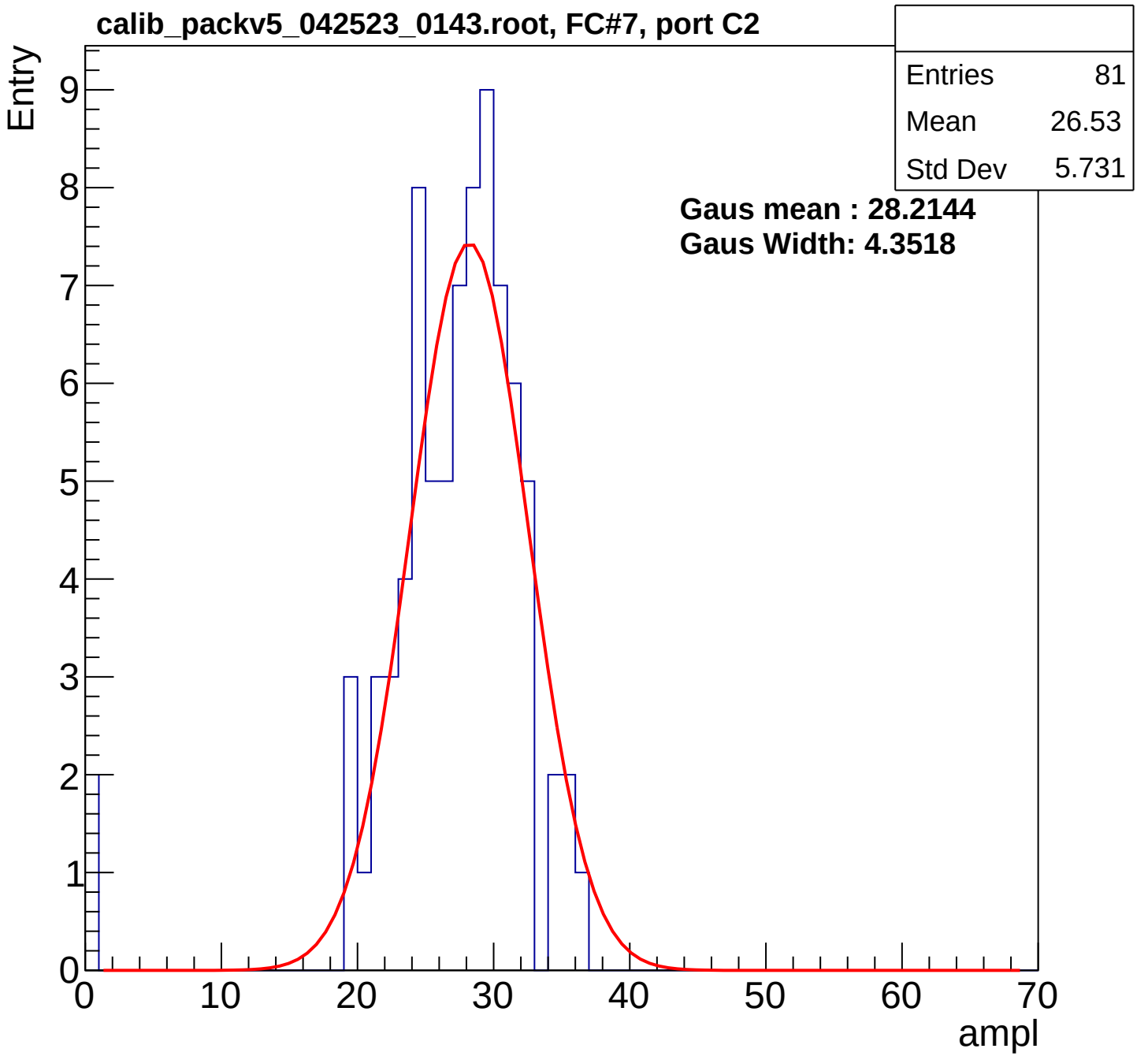
B1L103S, U21-ch106, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 81
Mean 26.53
Std Dev 5.731
Gaus mean : 28.2144
Gaus Width: 4.3518
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
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40
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60
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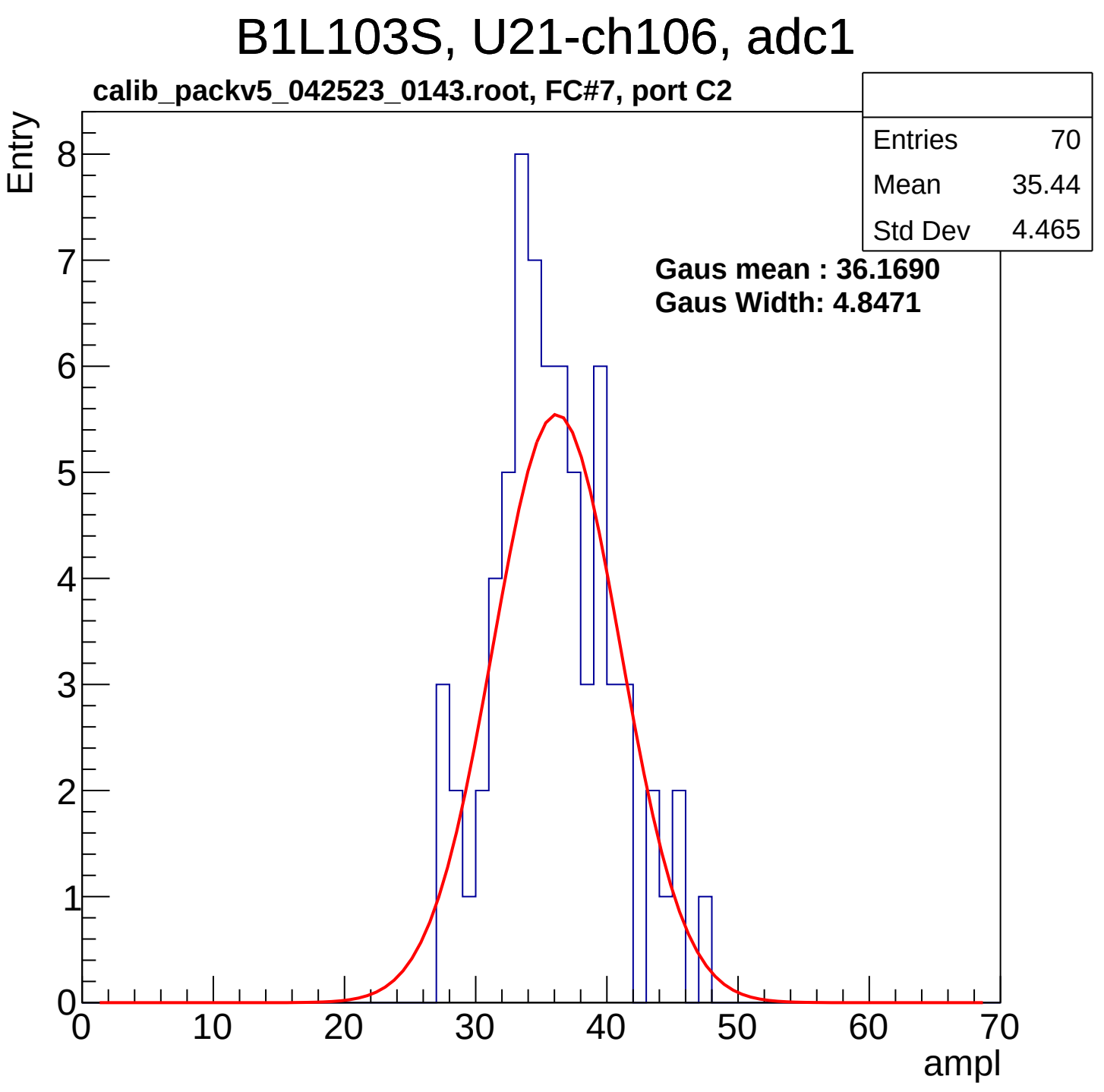
B1L103S, U21-ch106, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 35.44
Std Dev 4.465
Gaus mean : 36.1690
Gaus Width: 4.8471
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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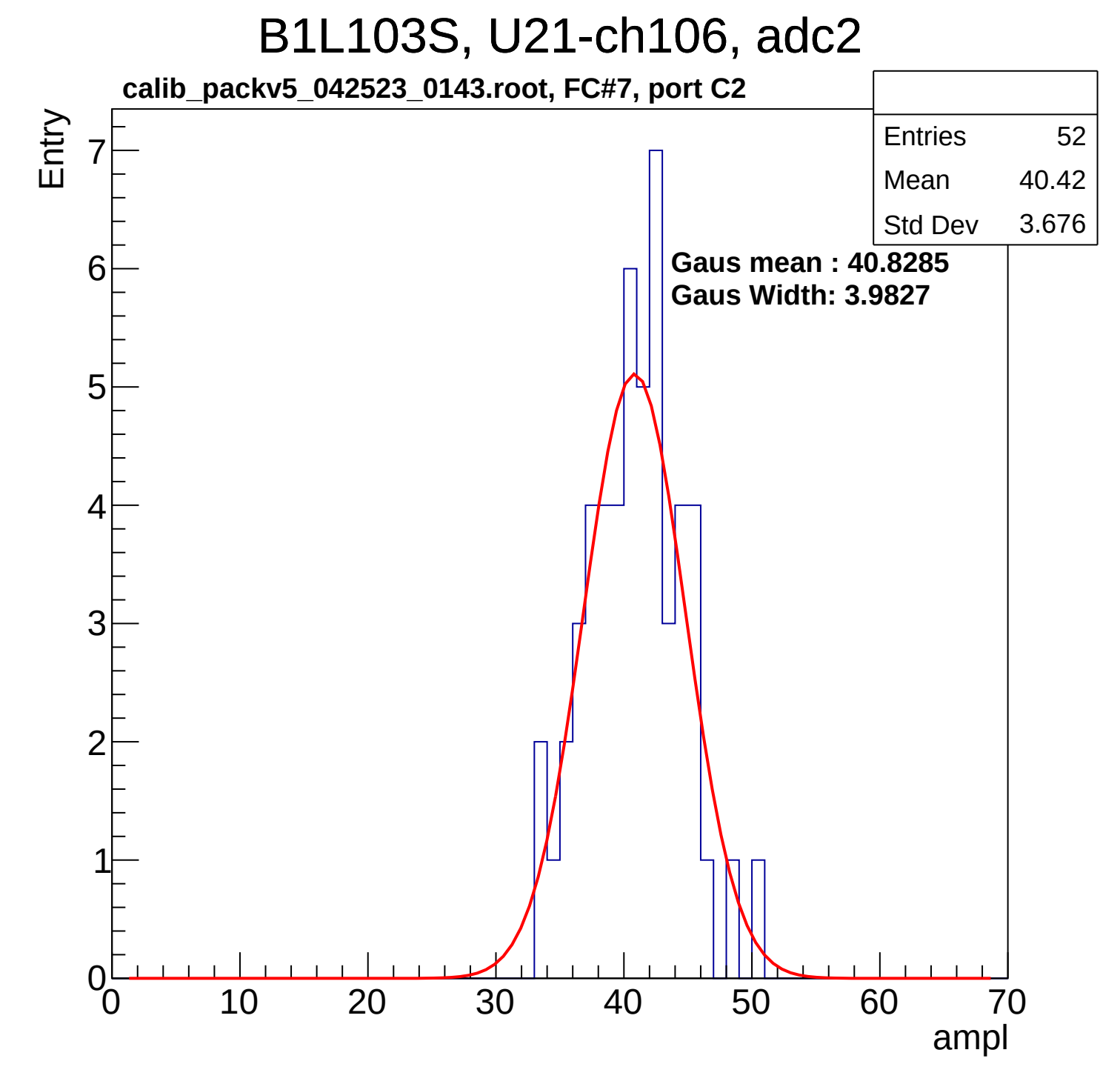
B1L103S, U21-ch106, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 52
Mean 40.42
Std Dev 3.676
Gaus mean : 40.8285
Gaus Width: 3.9827
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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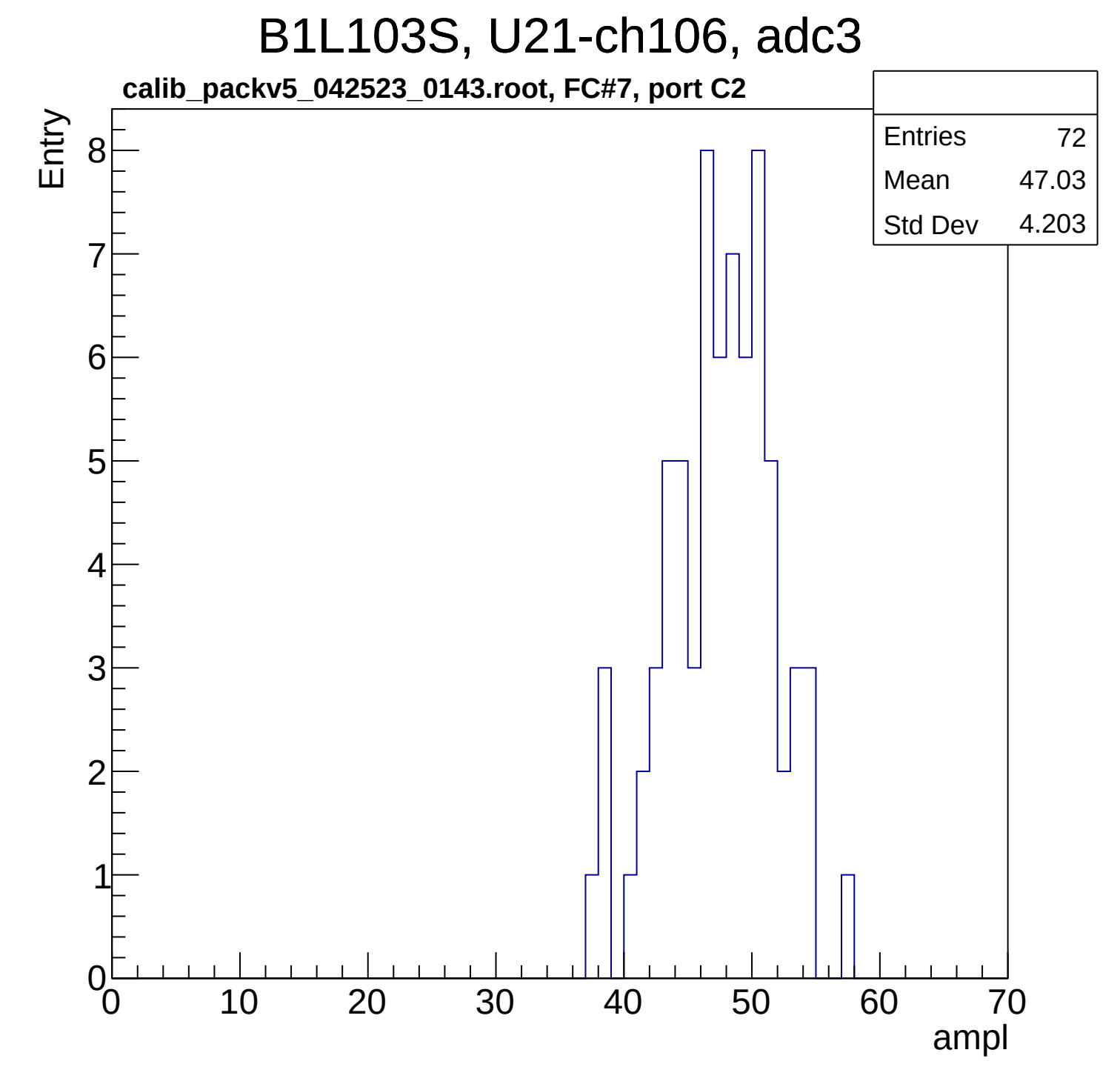
B1L103S, U21-ch106, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 47.03
Std Dev 4.203
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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50
60
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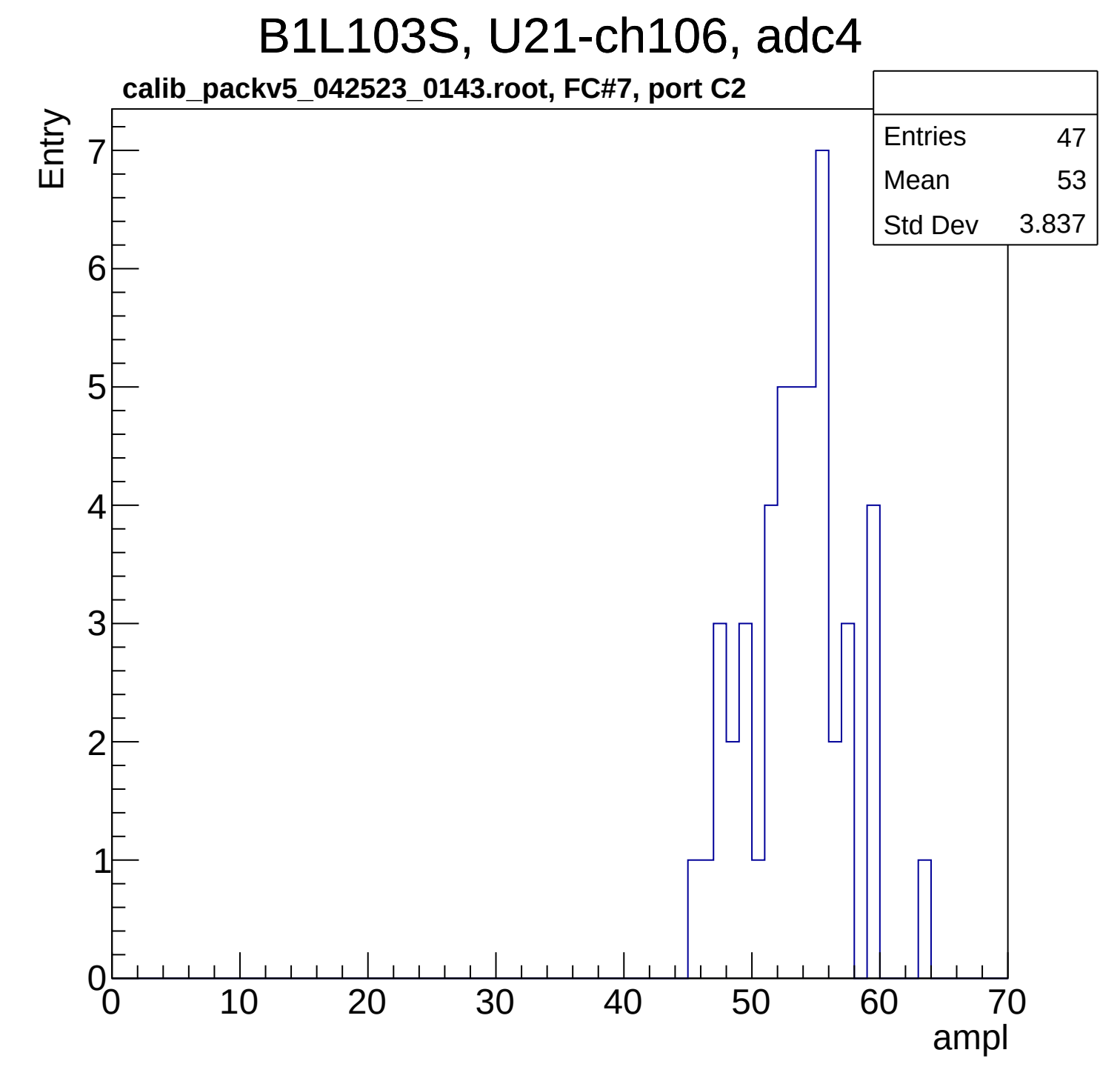
B1L103S, U21-ch106, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 47
Mean 53
Std Dev 3.837
Entry
ampl
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4
5
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0
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20
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50
60
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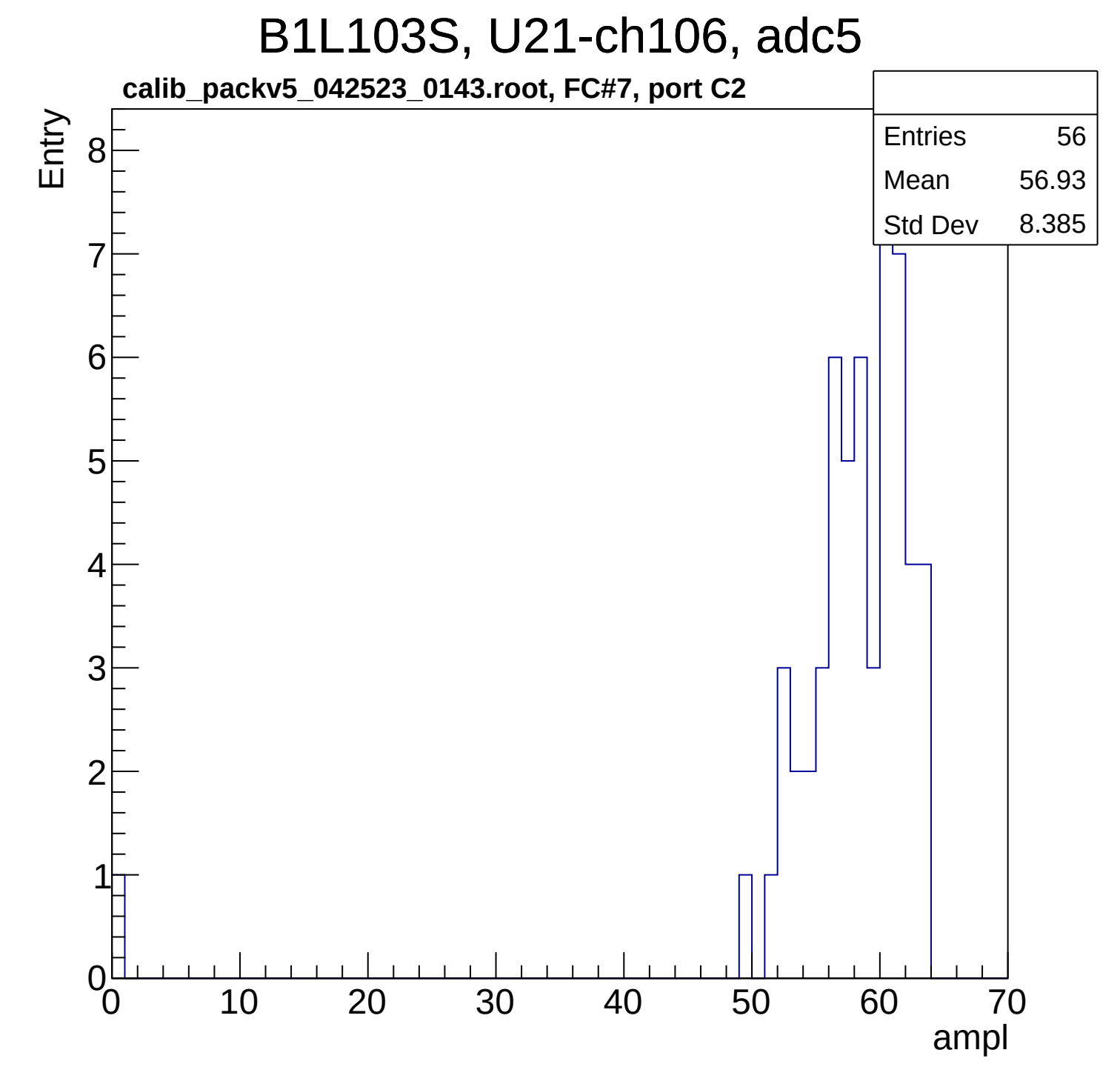
B1L103S, U21-ch106, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 56.93
Std Dev 8.385
Entry
ampl
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3
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0
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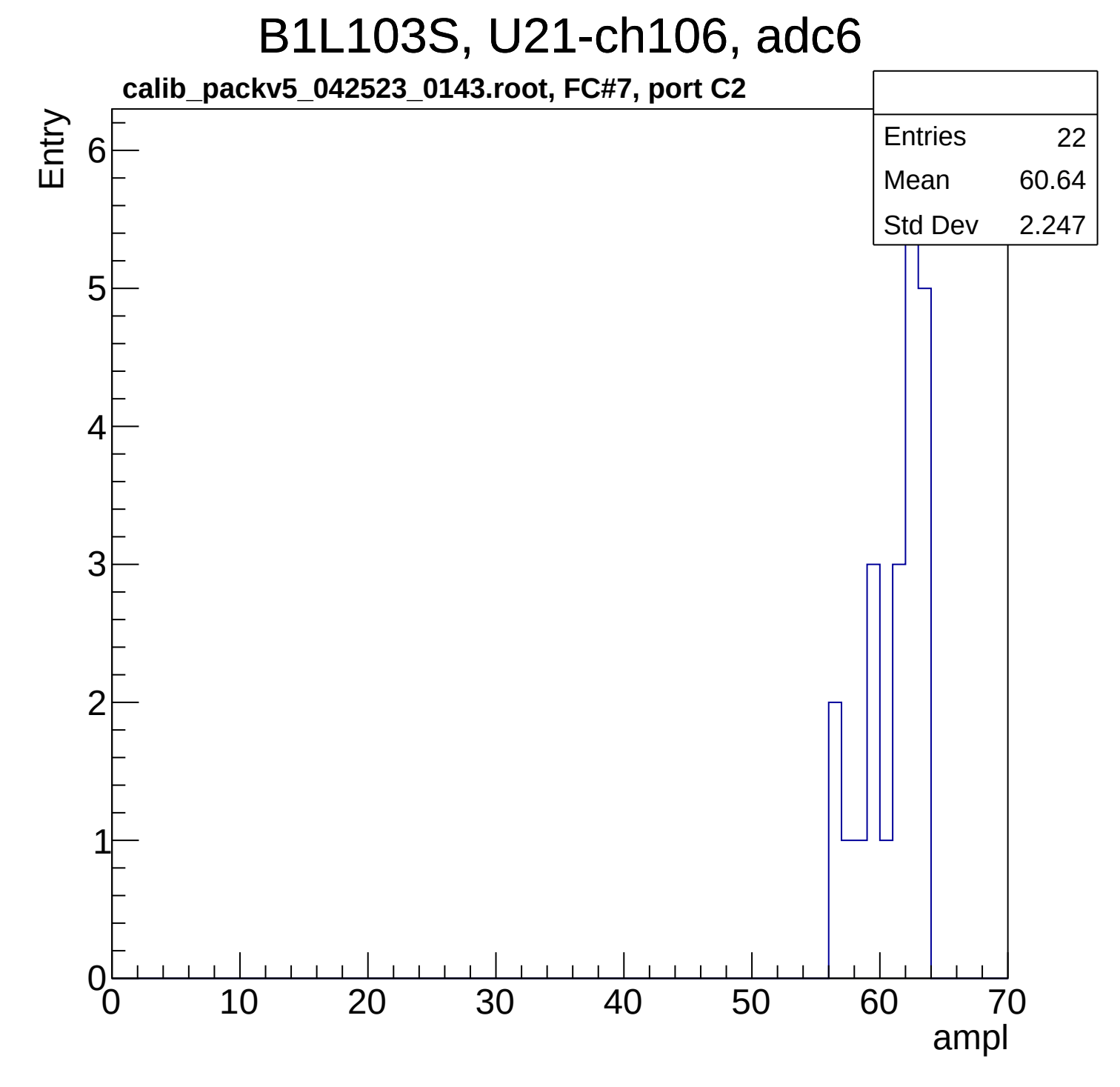
B1L103S, U21-ch106, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 22
Mean 60.64
Std Dev 2.247
Entry
ampl
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2
3
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60
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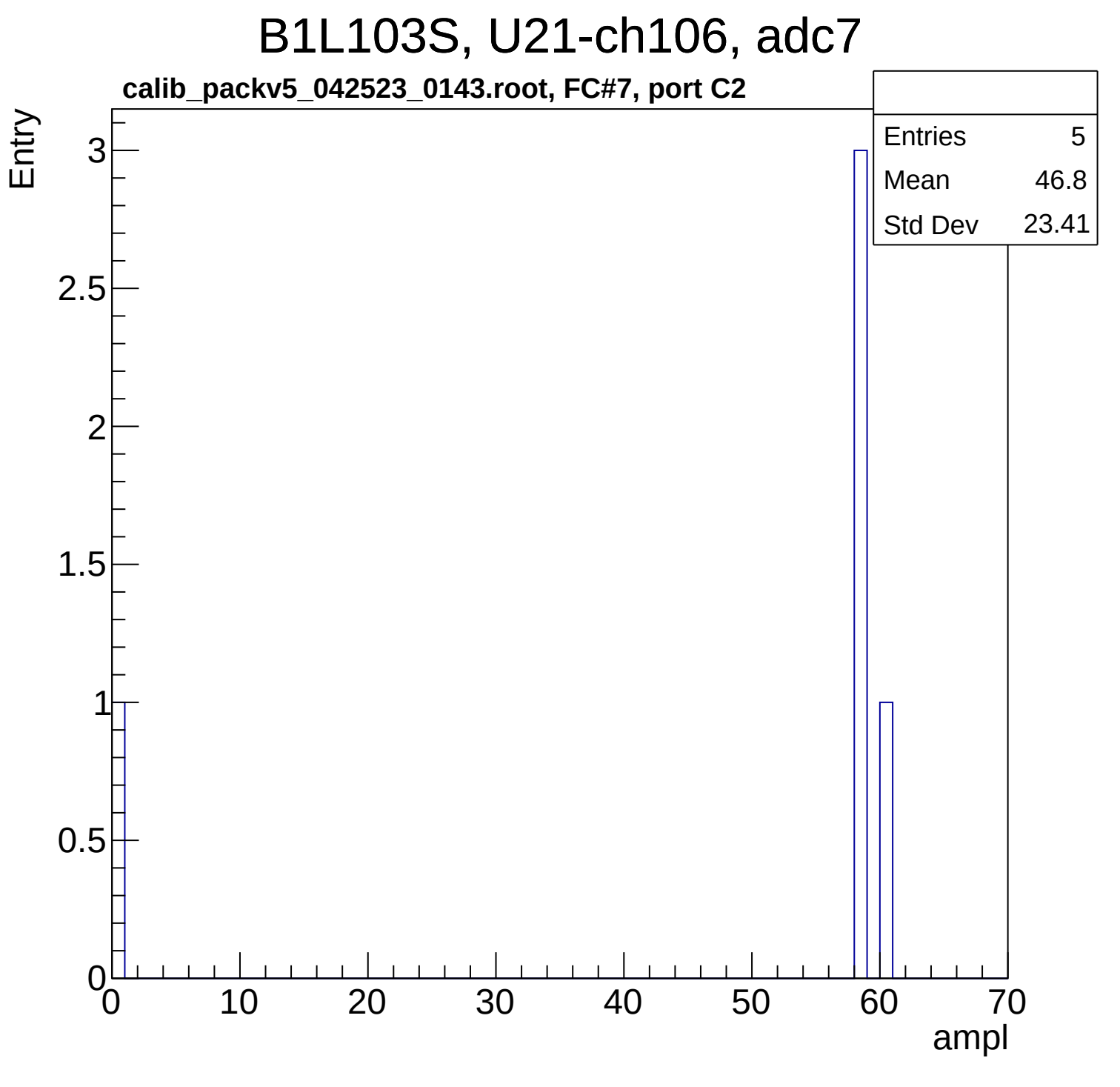
B1L103S, U21-ch106, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 46.8
Std Dev 23.41
Entry
ampl
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1.5
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2.5
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60
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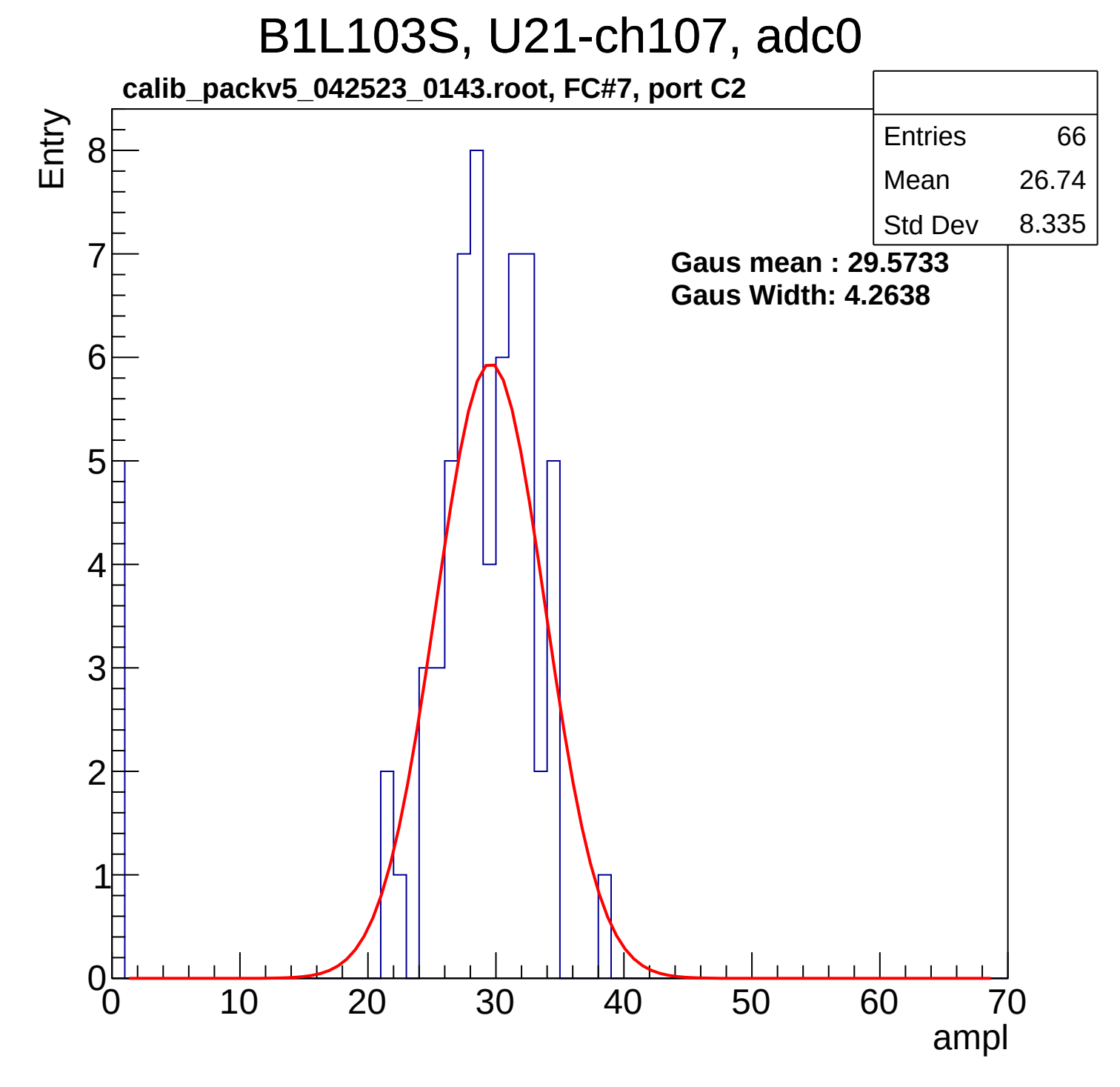
B1L103S, U21-ch107, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 26.74
Std Dev 8.335
Gaus mean : 29.5733
Gaus Width: 4.2638
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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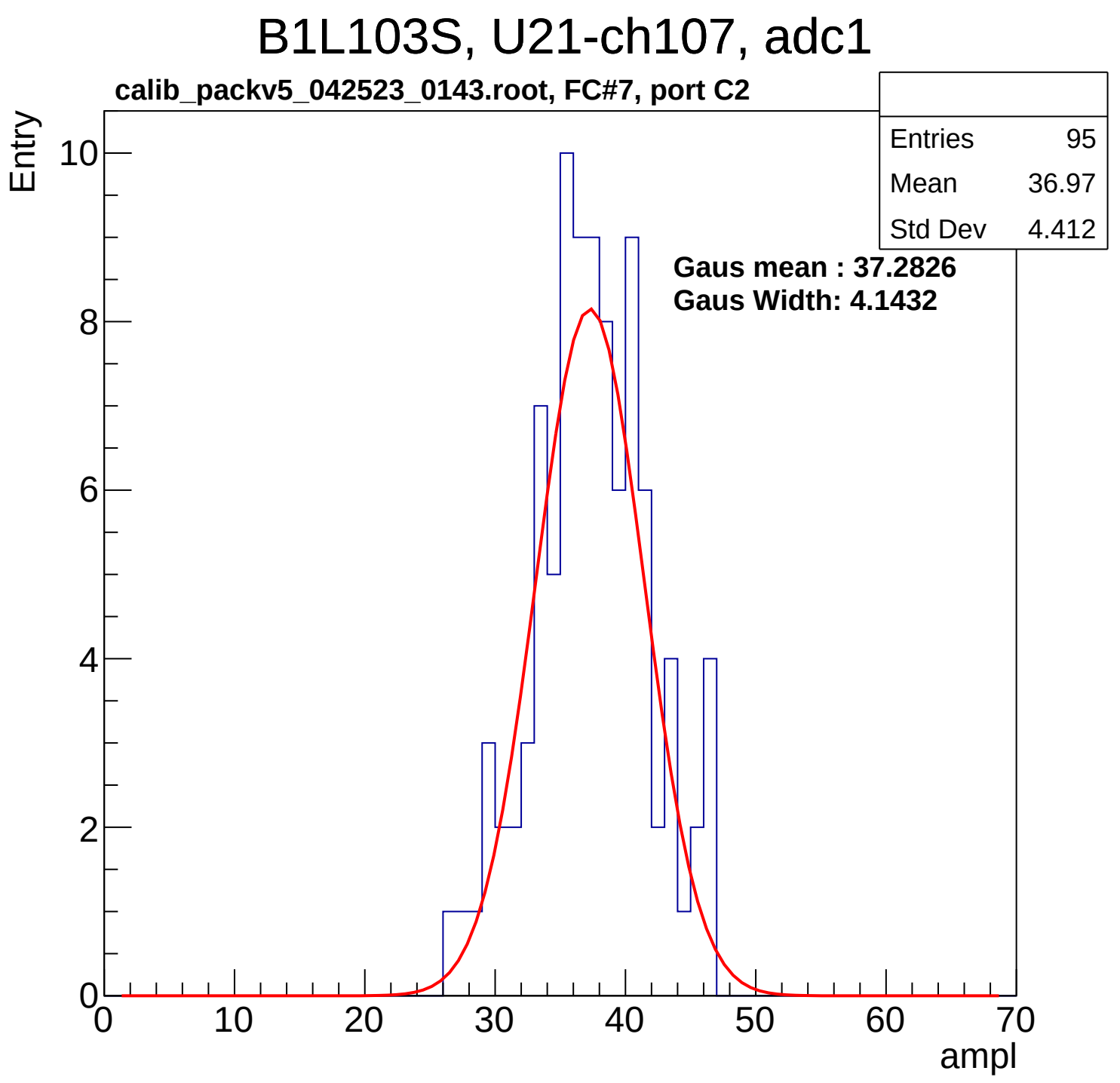
B1L103S, U21-ch107, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 95
Mean 36.97
Std Dev 4.412
Gaus mean : 37.2826
Gaus Width: 4.1432
Entry
ampl
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2
4
6
8
10
0
10
20
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40
50
60
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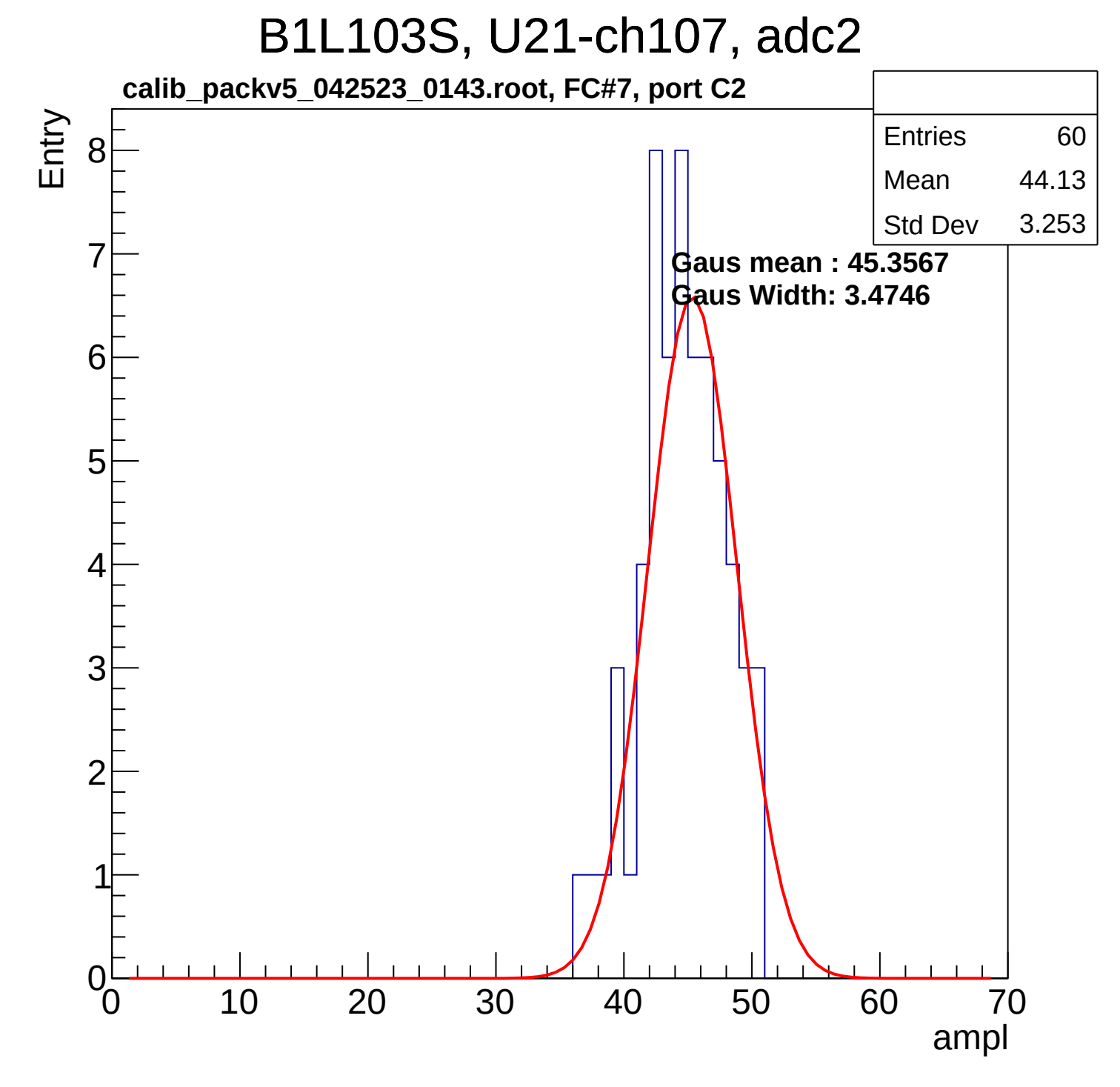
B1L103S, U21-ch107, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 44.13
Std Dev 3.253
Gaus mean : 45.3567
Gaus Width: 3.4746
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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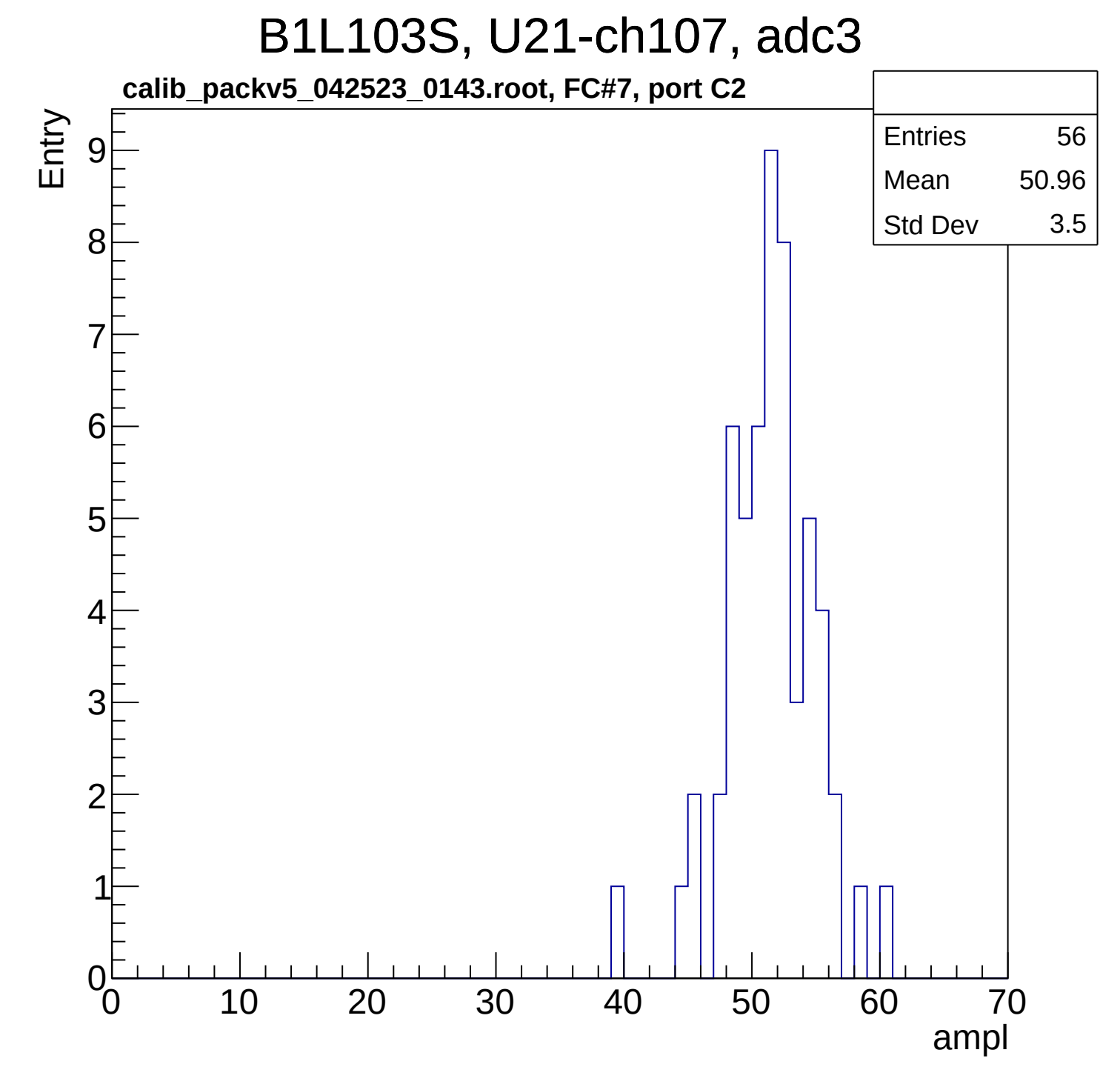
B1L103S, U21-ch107, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 56
Mean 50.96
Std Dev 3.5
Entry
ampl
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2
3
4
5
6
7
8
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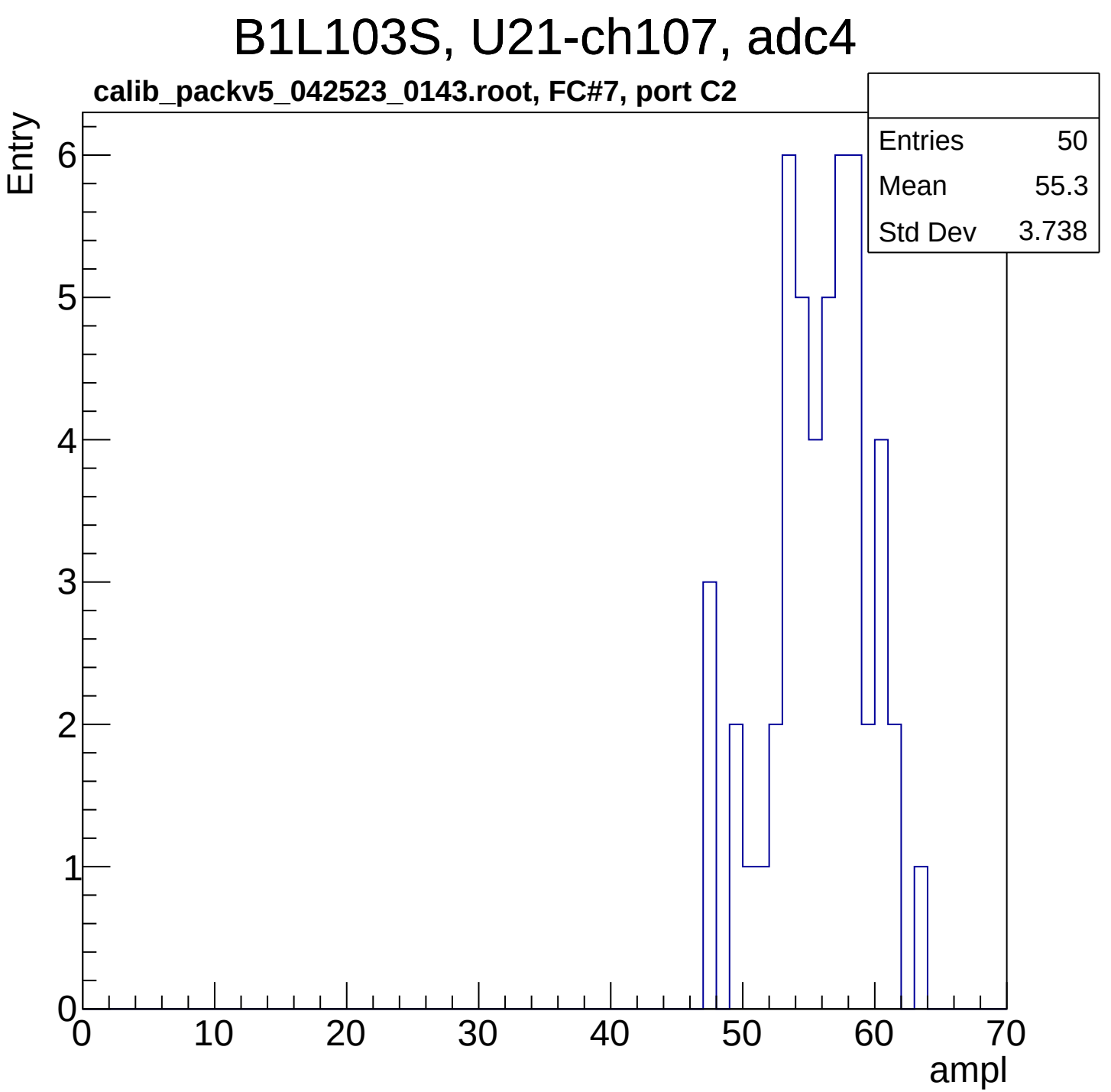
B1L103S, U21-ch107, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 50
Mean 55.3
Std Dev 3.738
Entry
0
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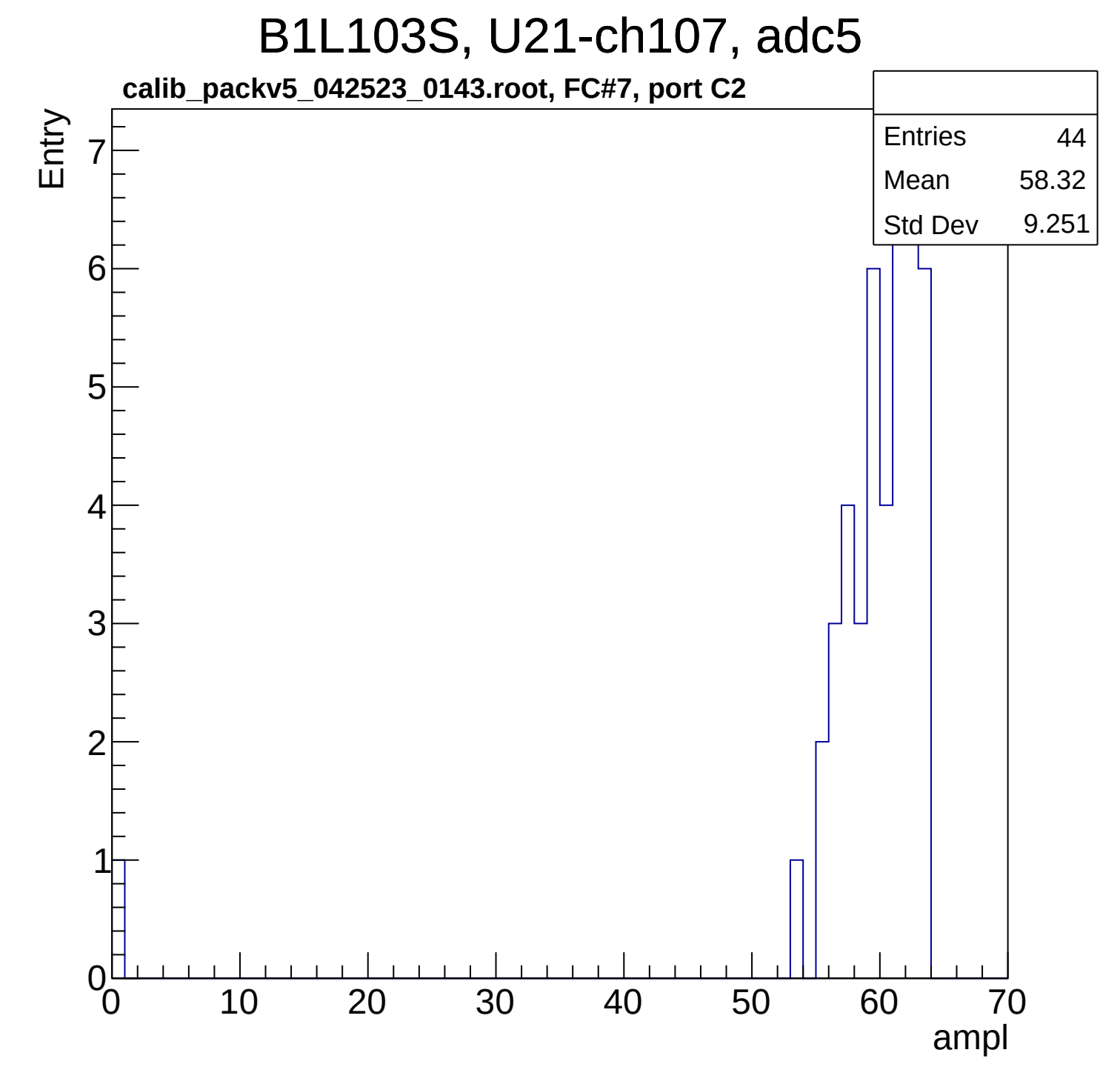
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch107, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 44
Mean 58.32
Std Dev 9.251
Entry
ampl
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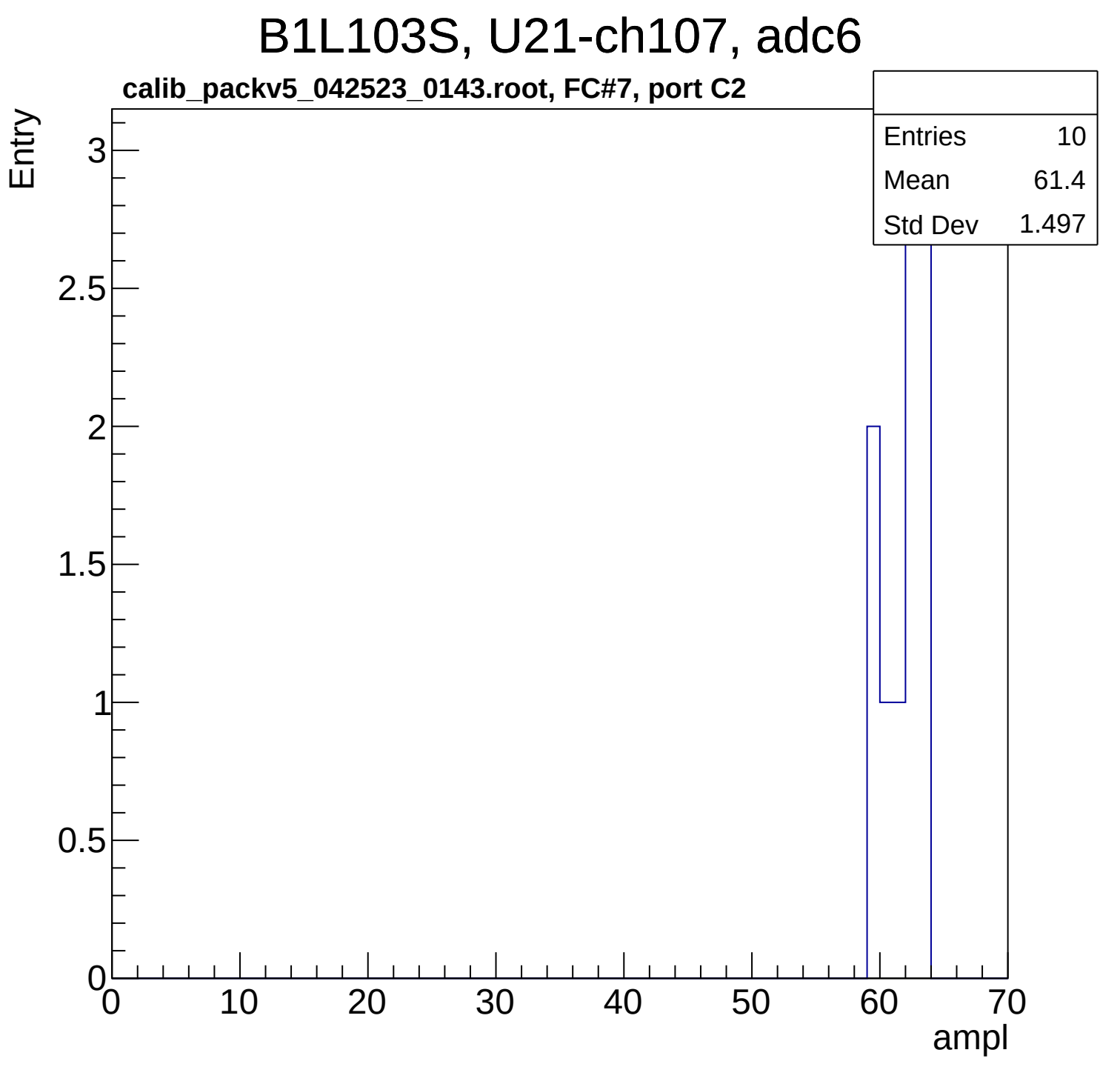
B1L103S, U21-ch107, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 10
Mean 61.4
Std Dev 1.497
Entry
ampl
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1
1.5
2
2.5
3
0
10
20
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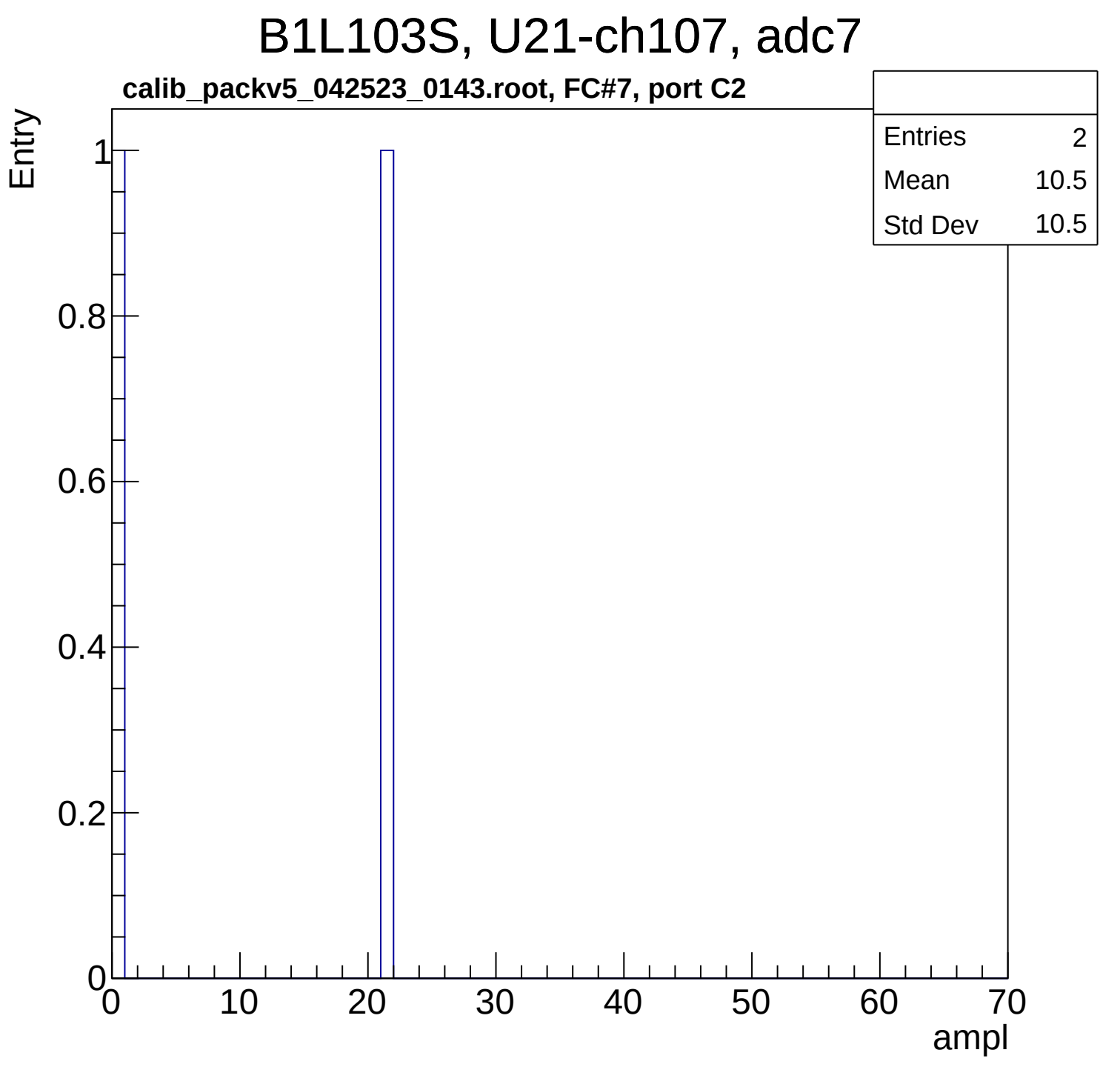
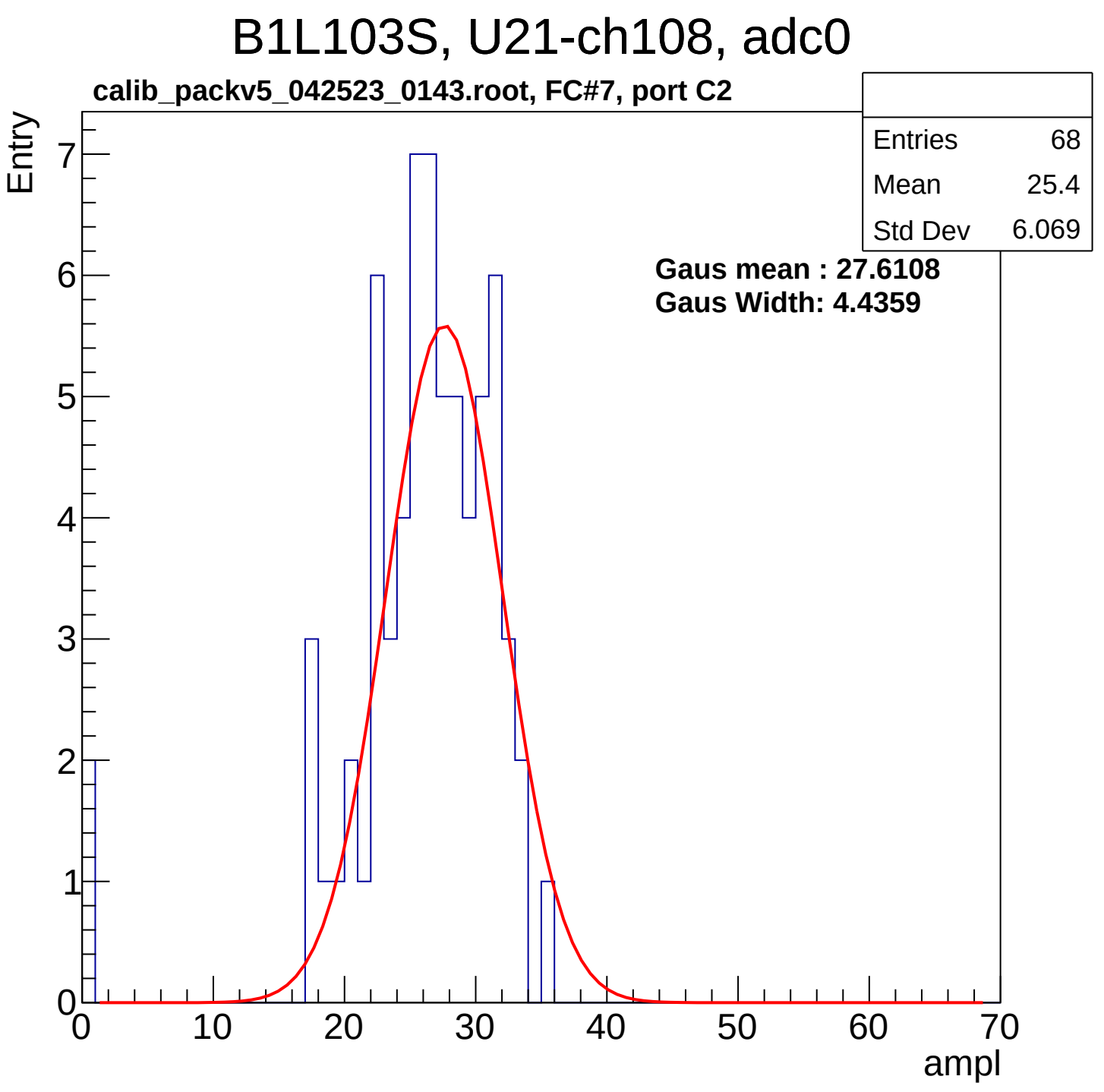
40
50
60
70


B1L103S, U21-ch107, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 10.5
Std Dev 10.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch108, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 25.4
Std Dev 6.069
Gaus mean : 27.6108
Gaus Width: 4.4359
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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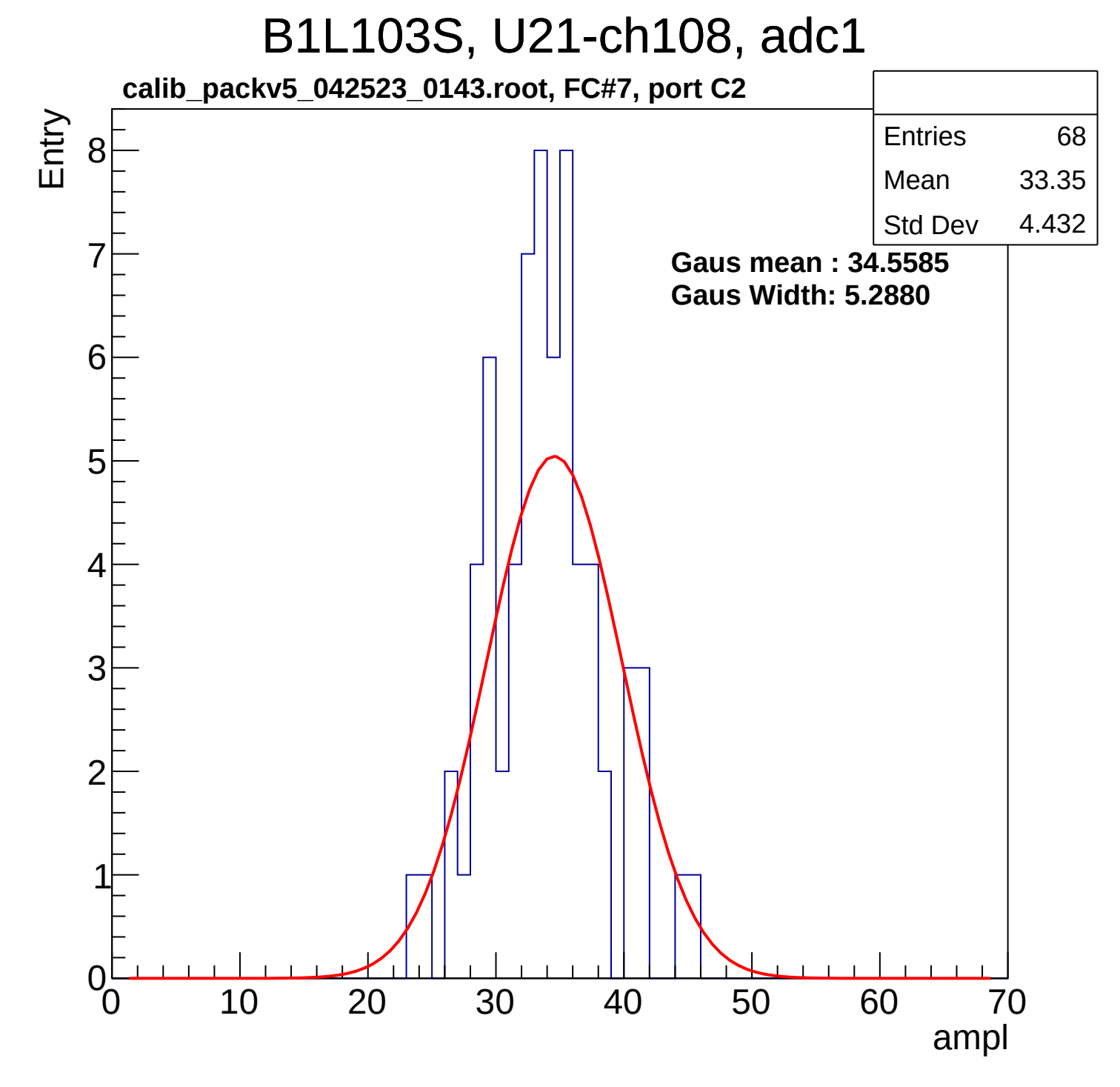
B1L103S, U21-ch108, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 33.35
Std Dev 4.432
Gaus mean : 34.5585
Gaus Width: 5.2880
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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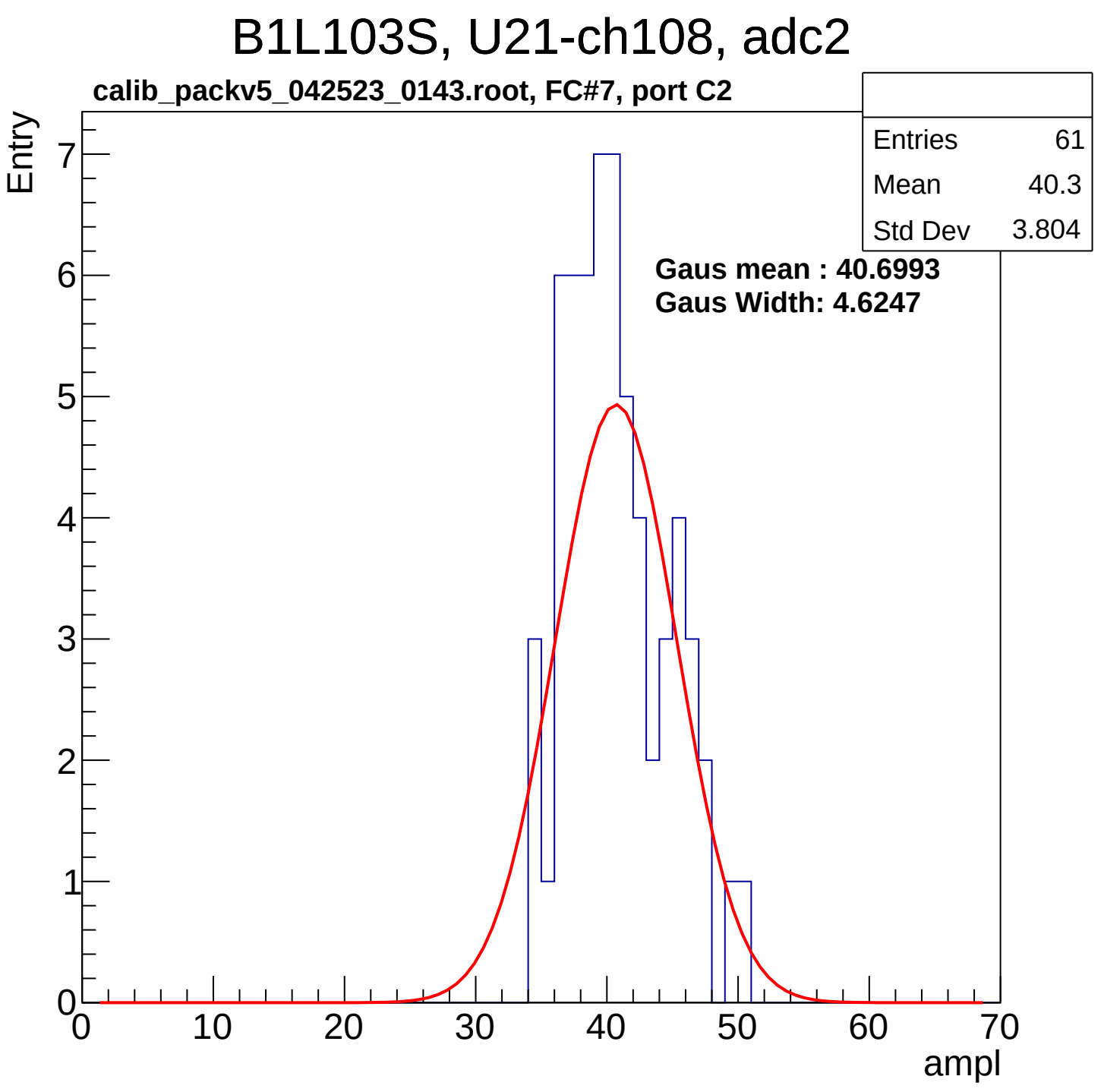
B1L103S, U21-ch108, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 40.3
Std Dev 3.804
Gaus mean : 40.6993
Gaus Width: 4.6247
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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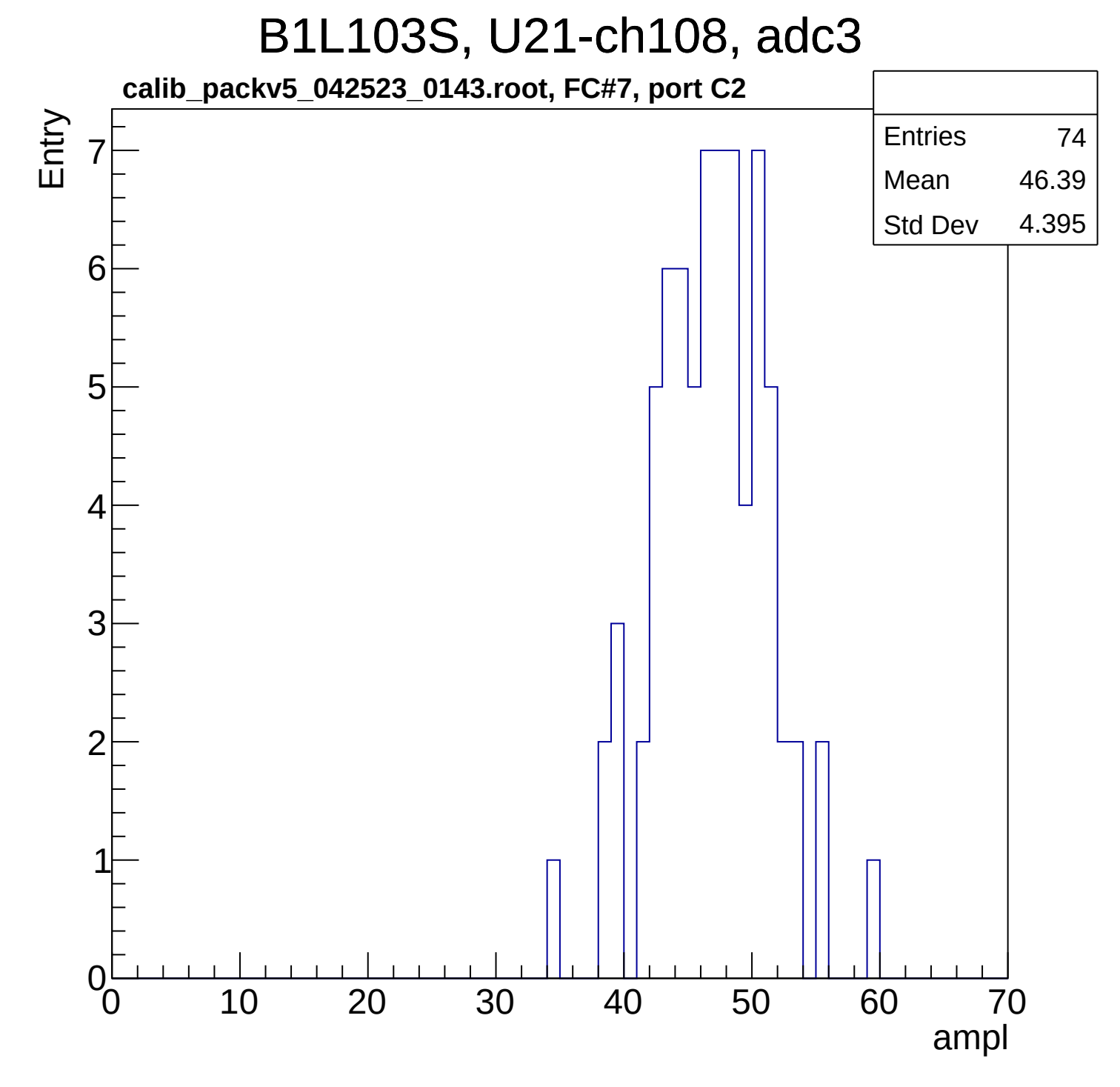
B1L103S, U21-ch108, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 46.39
Std Dev 4.395
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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40
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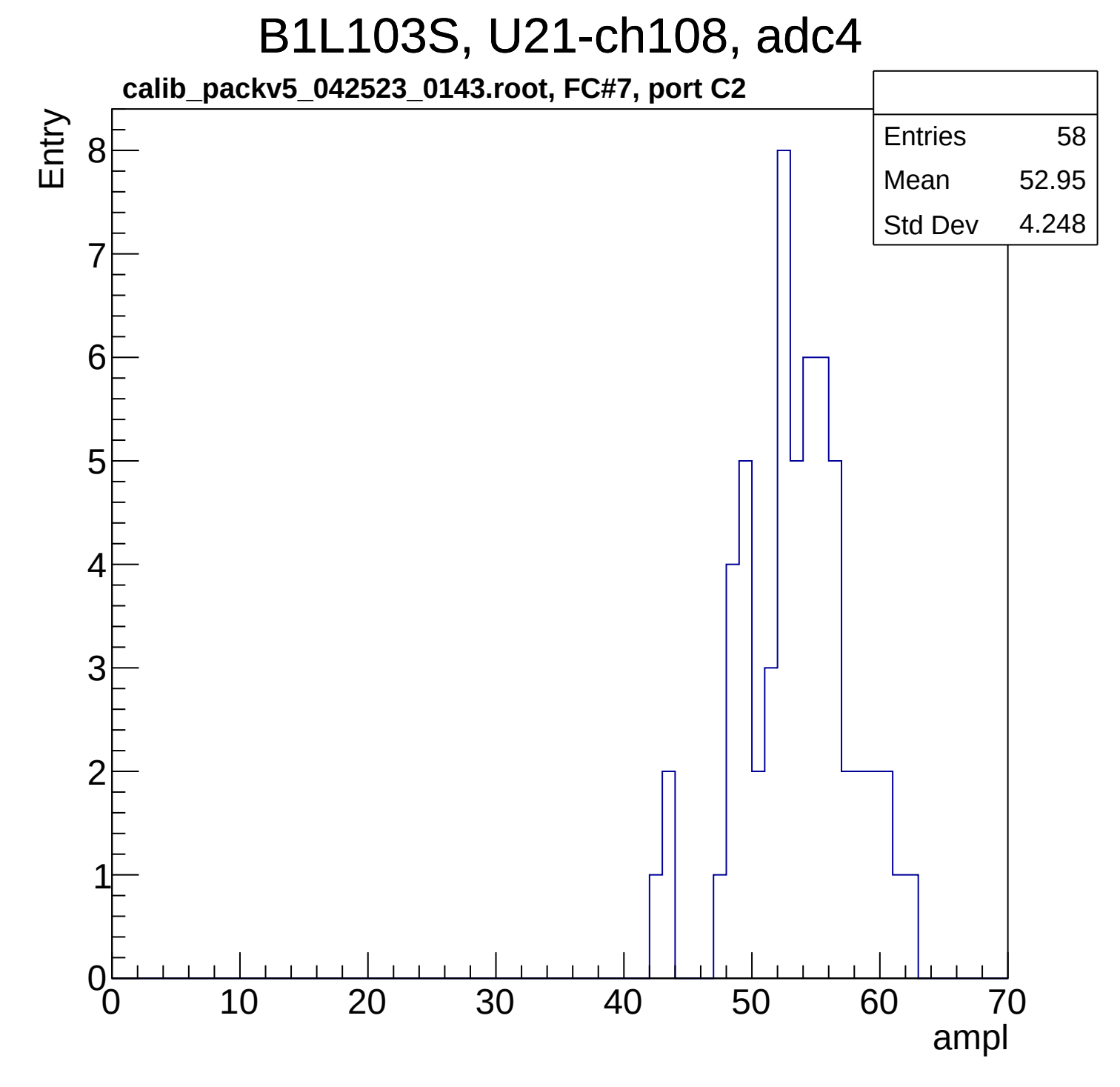
B1L103S, U21-ch108, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 52.95
Std Dev 4.248
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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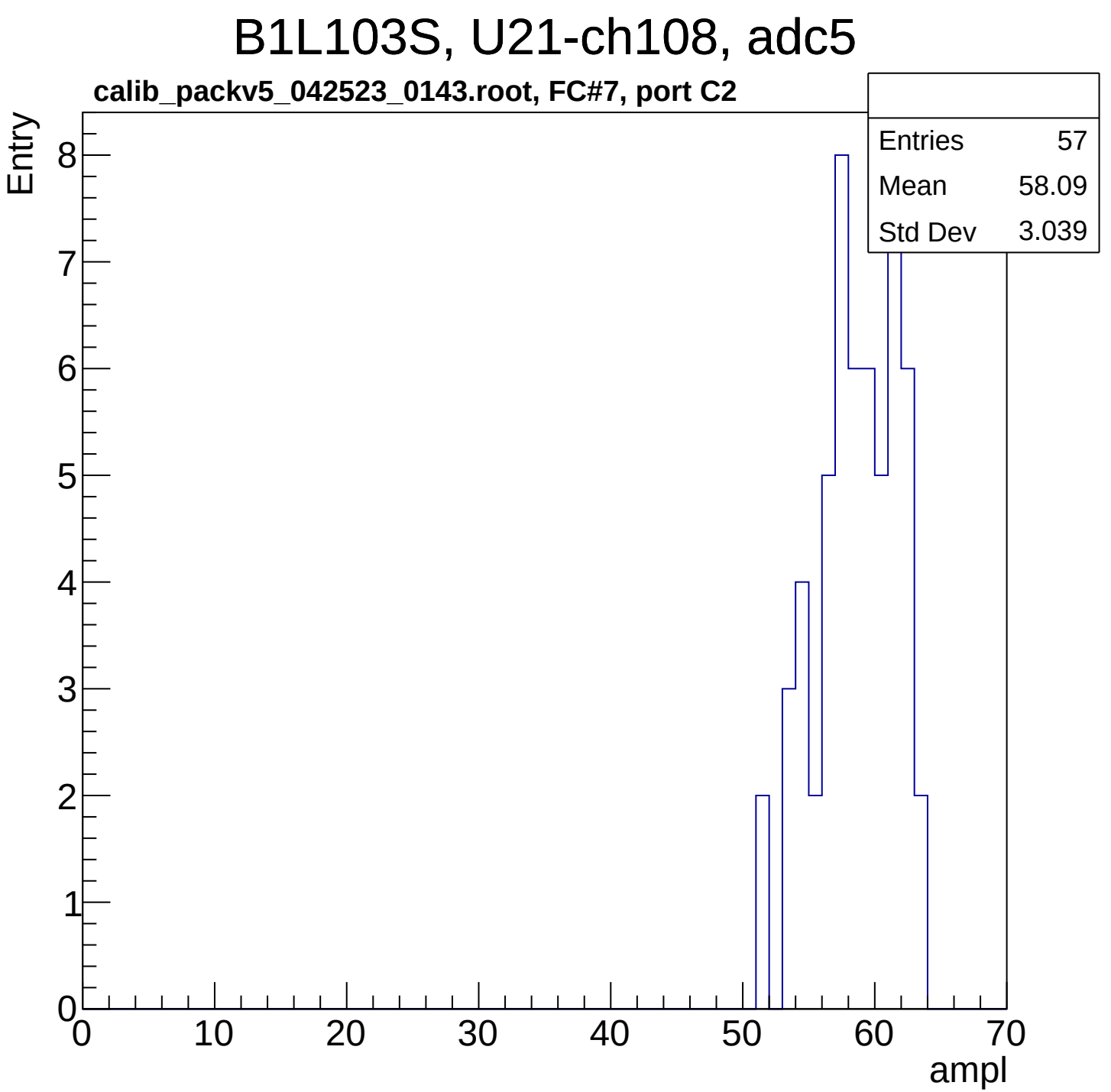
B1L103S, U21-ch108, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 58.09
Std Dev 3.039
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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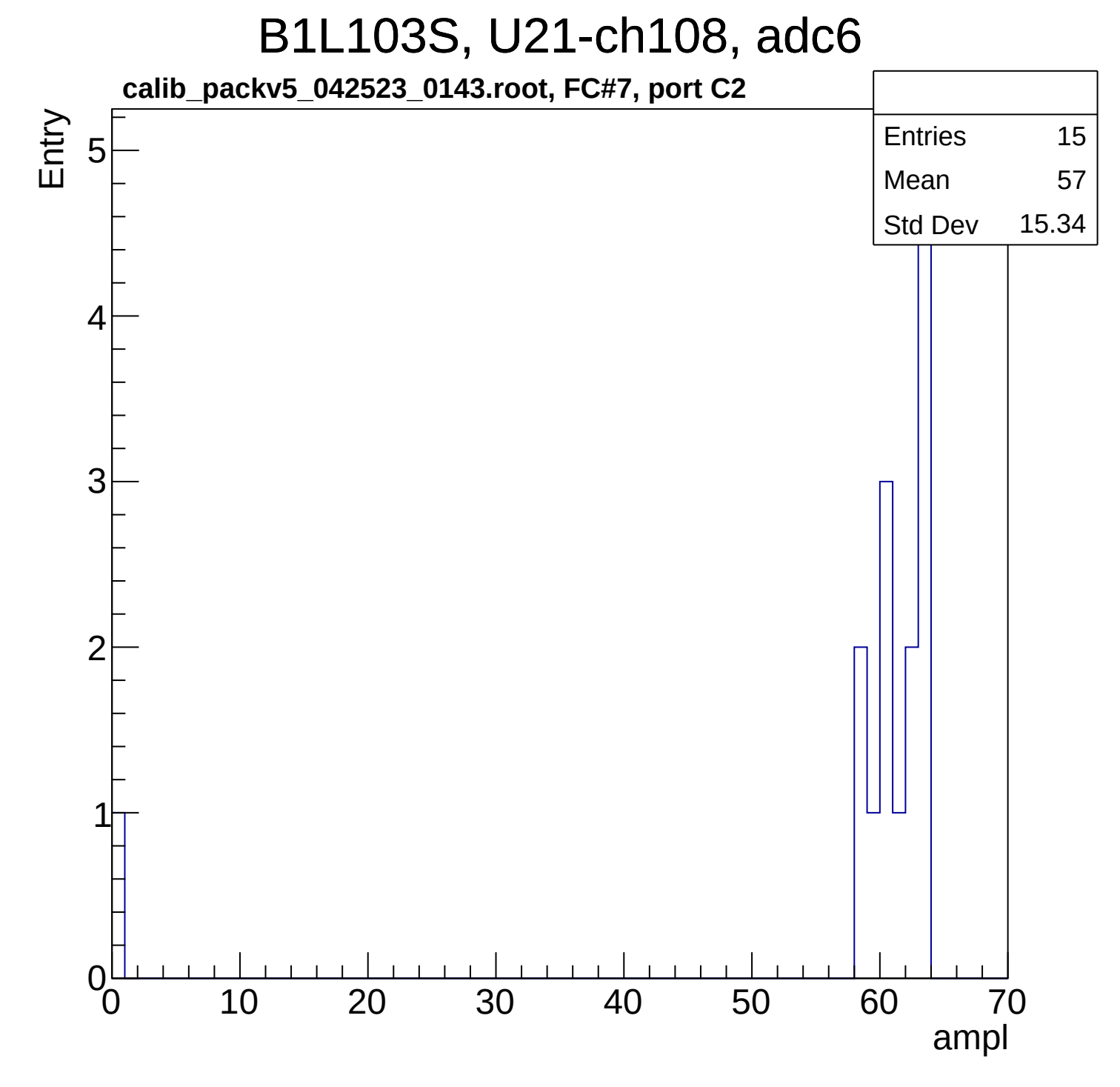
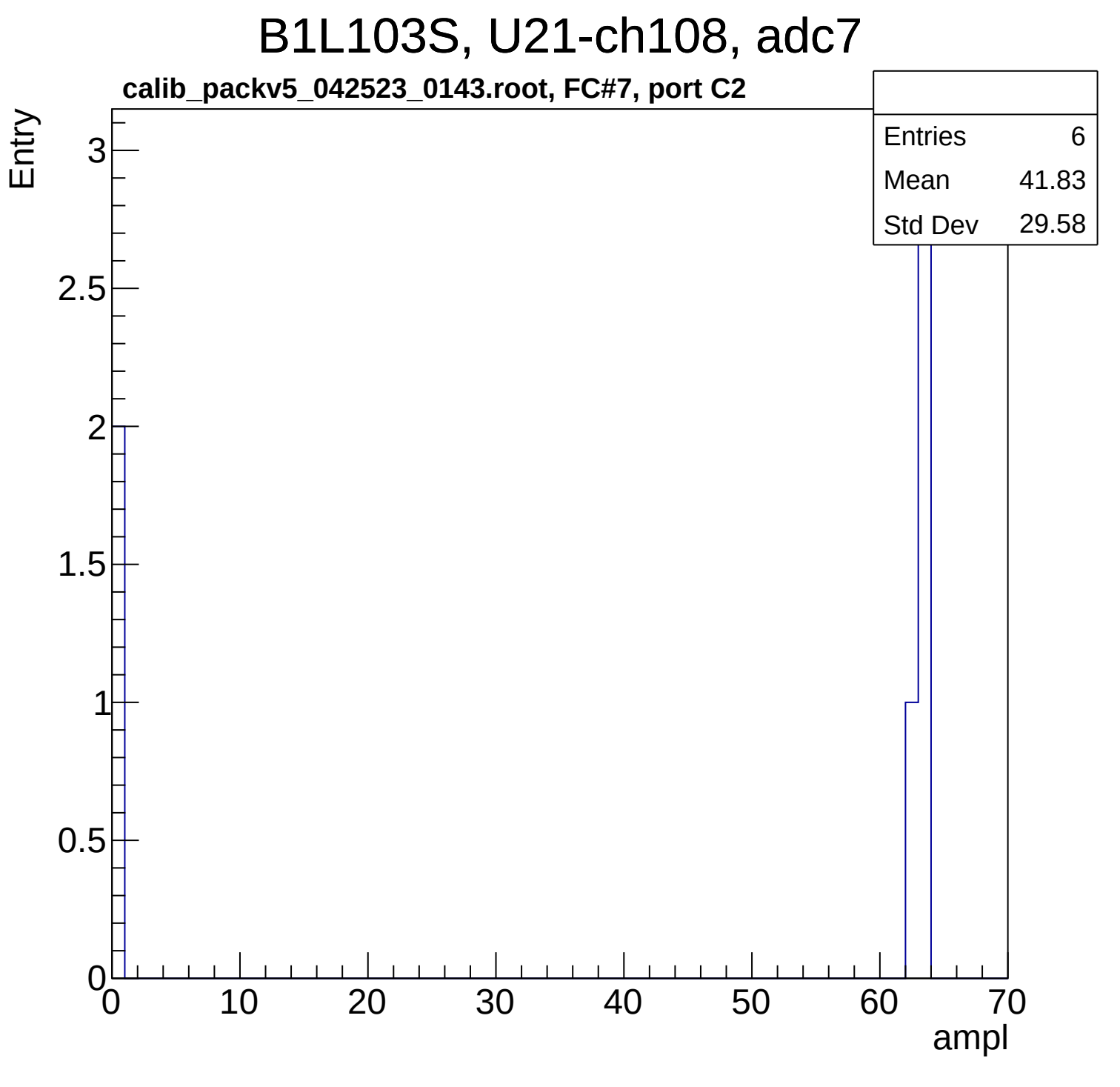

B1L103S, U21-ch108, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 15
Mean 57
Std Dev 15.34
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L103S, U21-ch108, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 6
Mean 41.83
Std Dev 29.58
Entry
ampl
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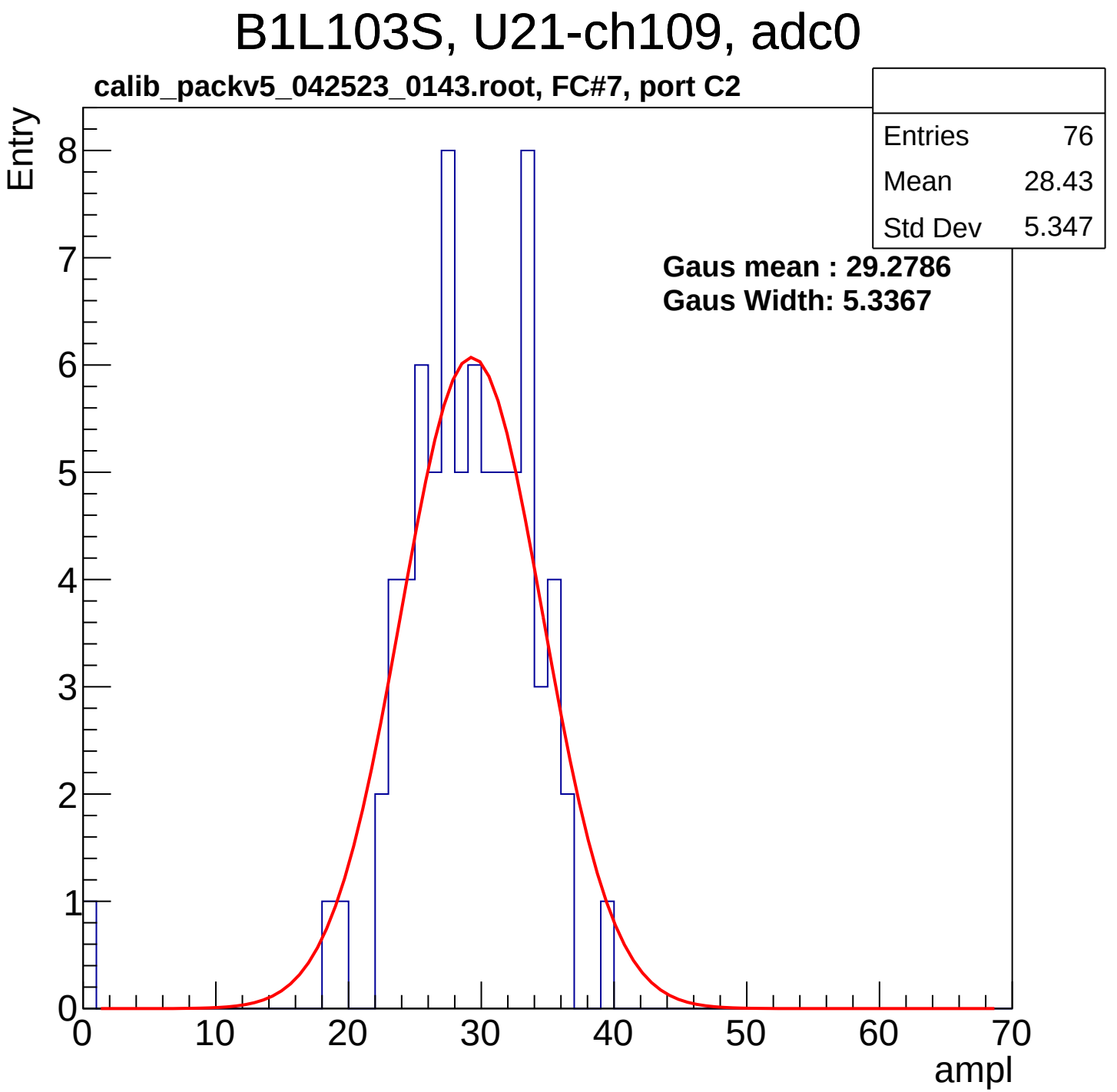
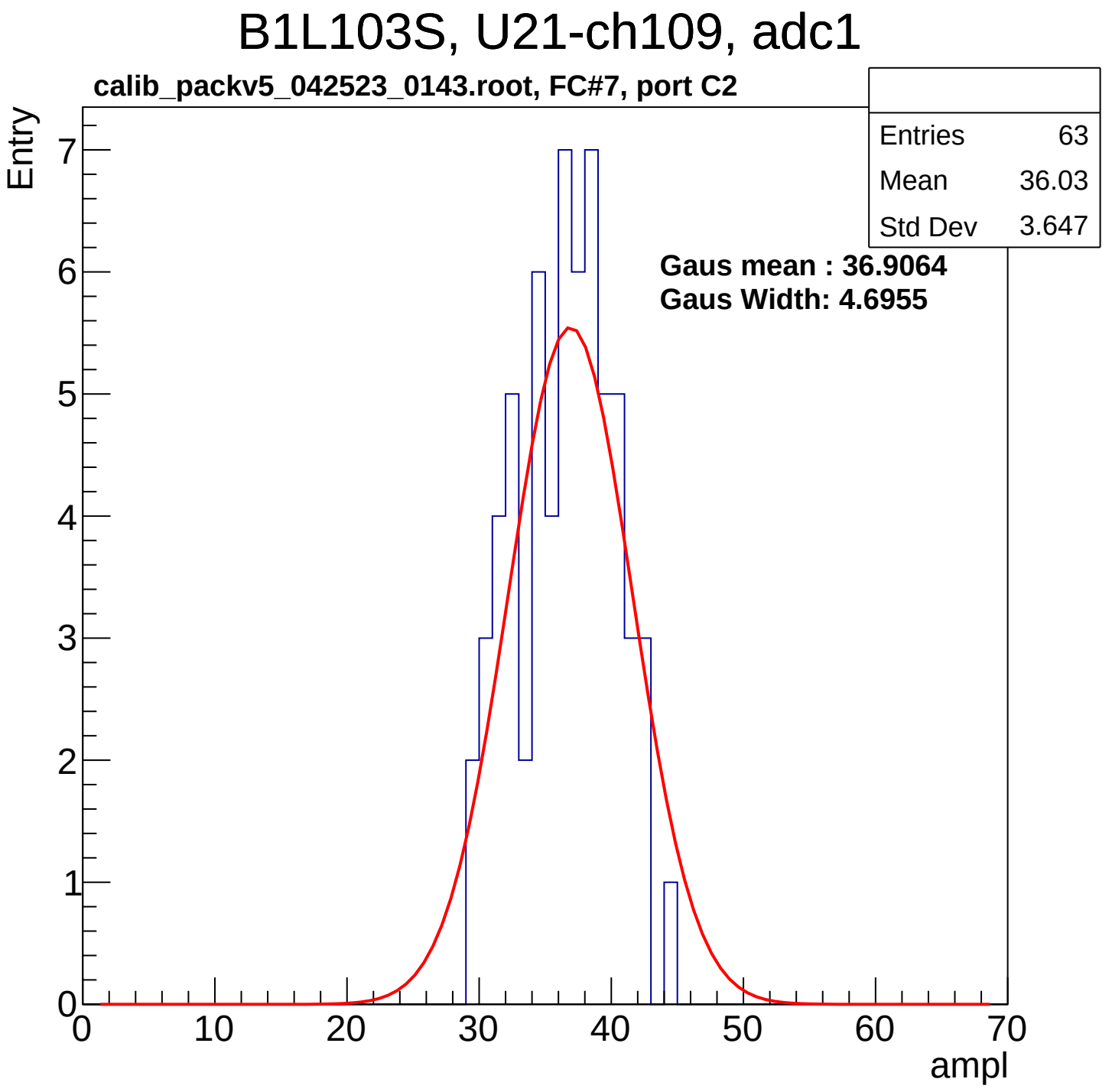
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U21-ch109, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 28.43
Std Dev 5.347
Gaus mean : 29.2786
Gaus Width: 5.3367
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch109, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 36.03
Std Dev 3.647
Gaus mean : 36.9064
Gaus Width: 4.6955
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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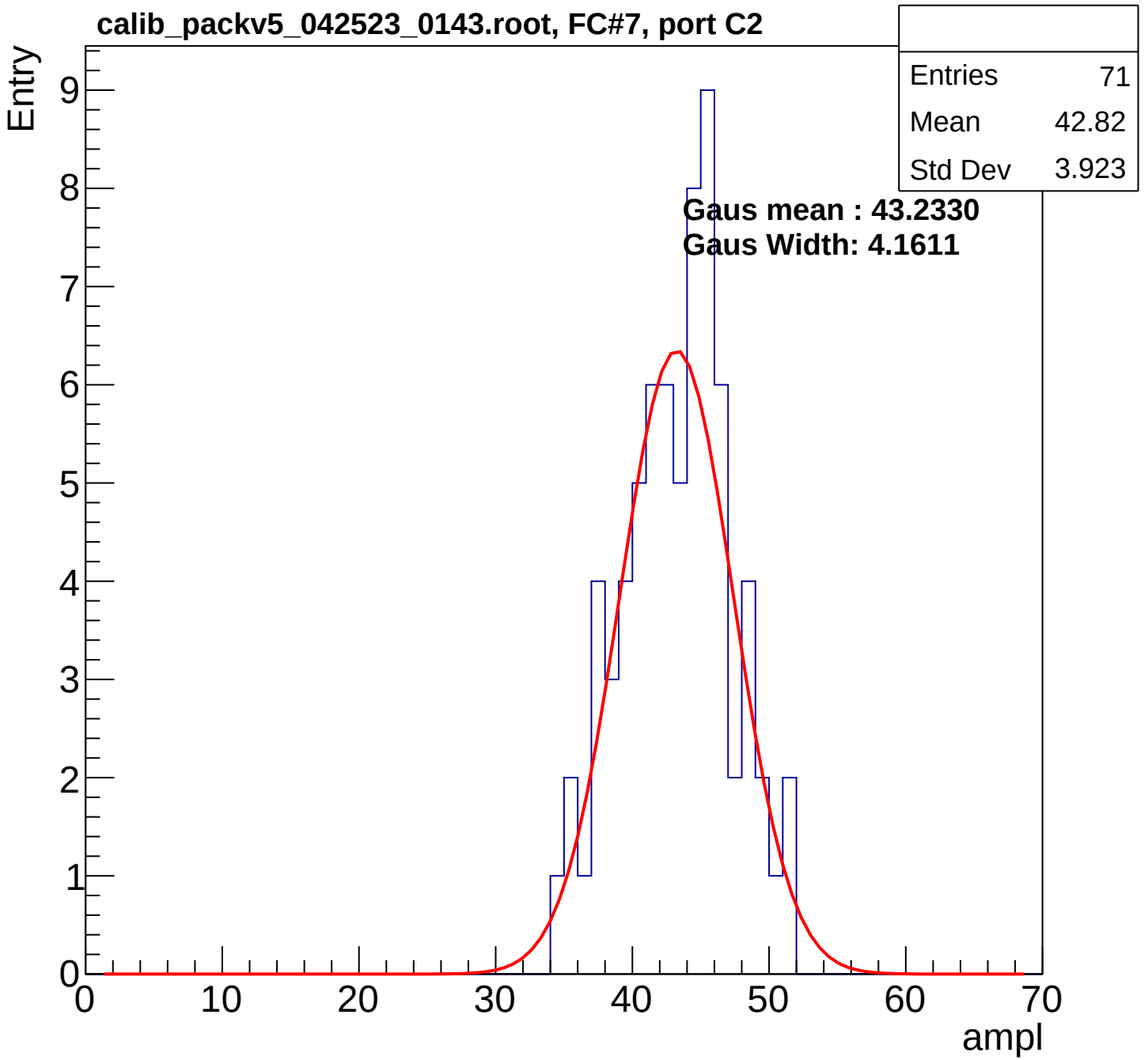
B1L103S, U21-ch109, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 42.82
Std Dev 3.923
Gaus mean : 43.2330
Gaus Width: 4.1611
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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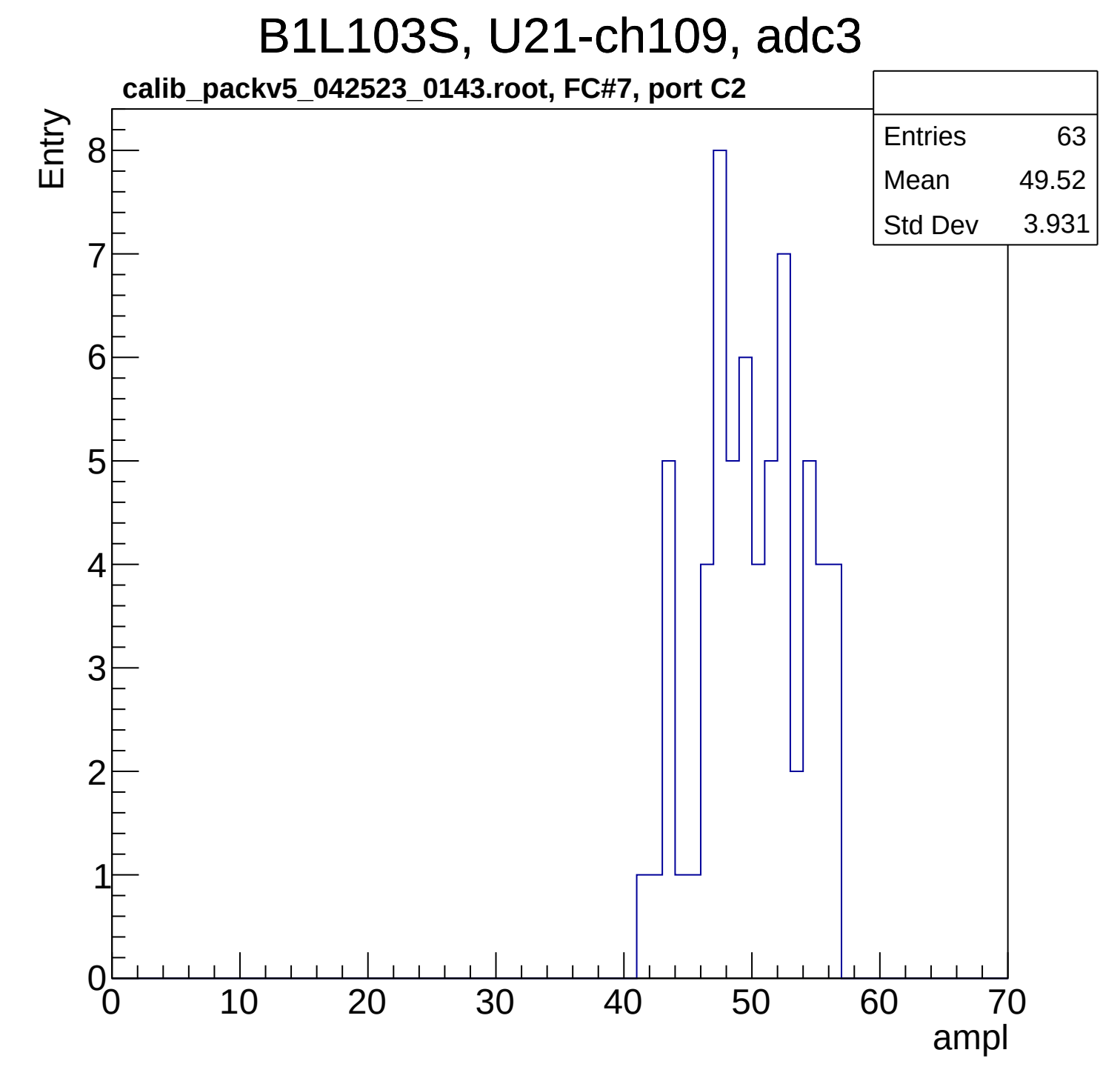
B1L103S, U21-ch109, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 49.52
Std Dev 3.931
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
30
40
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60
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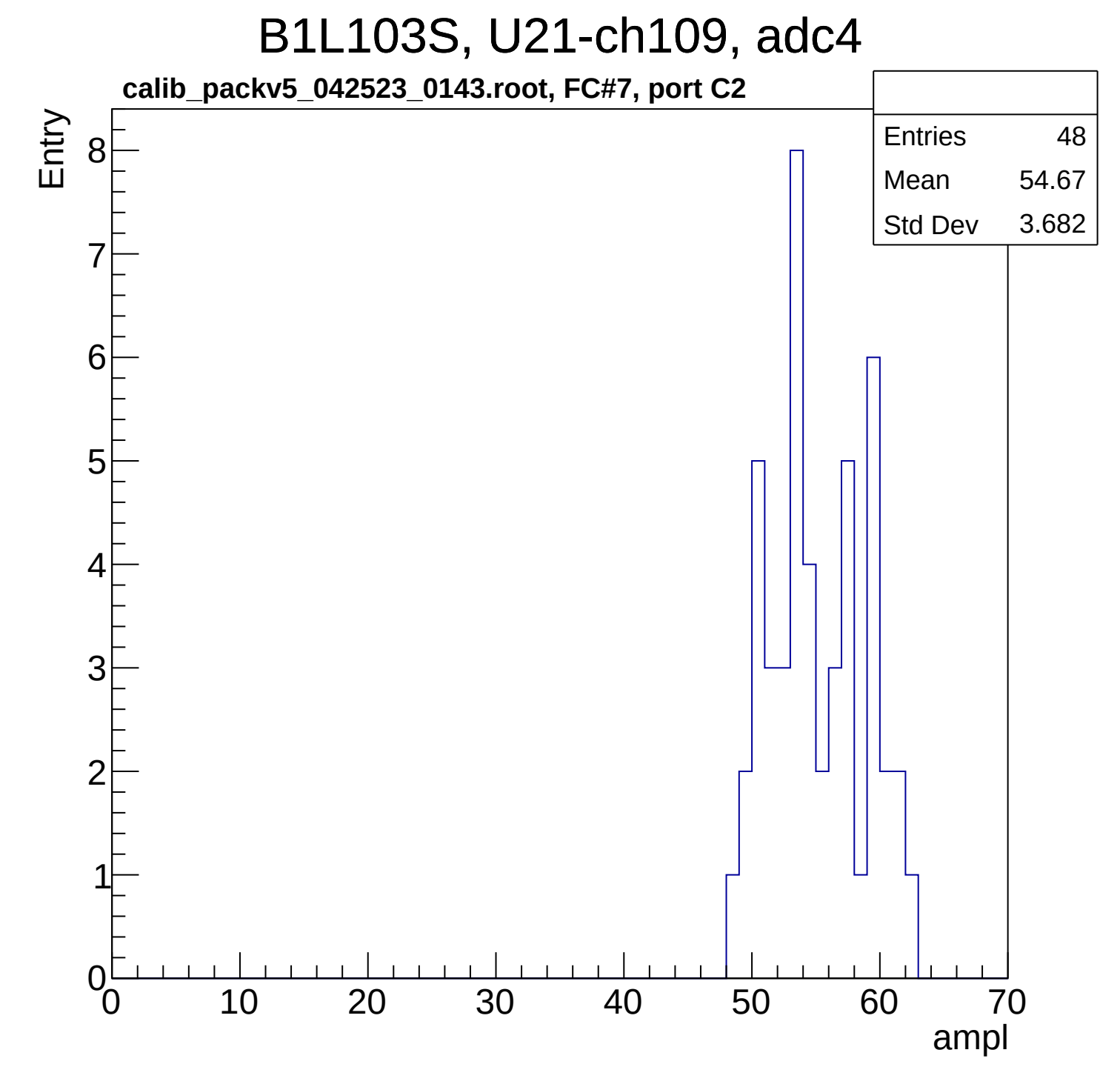
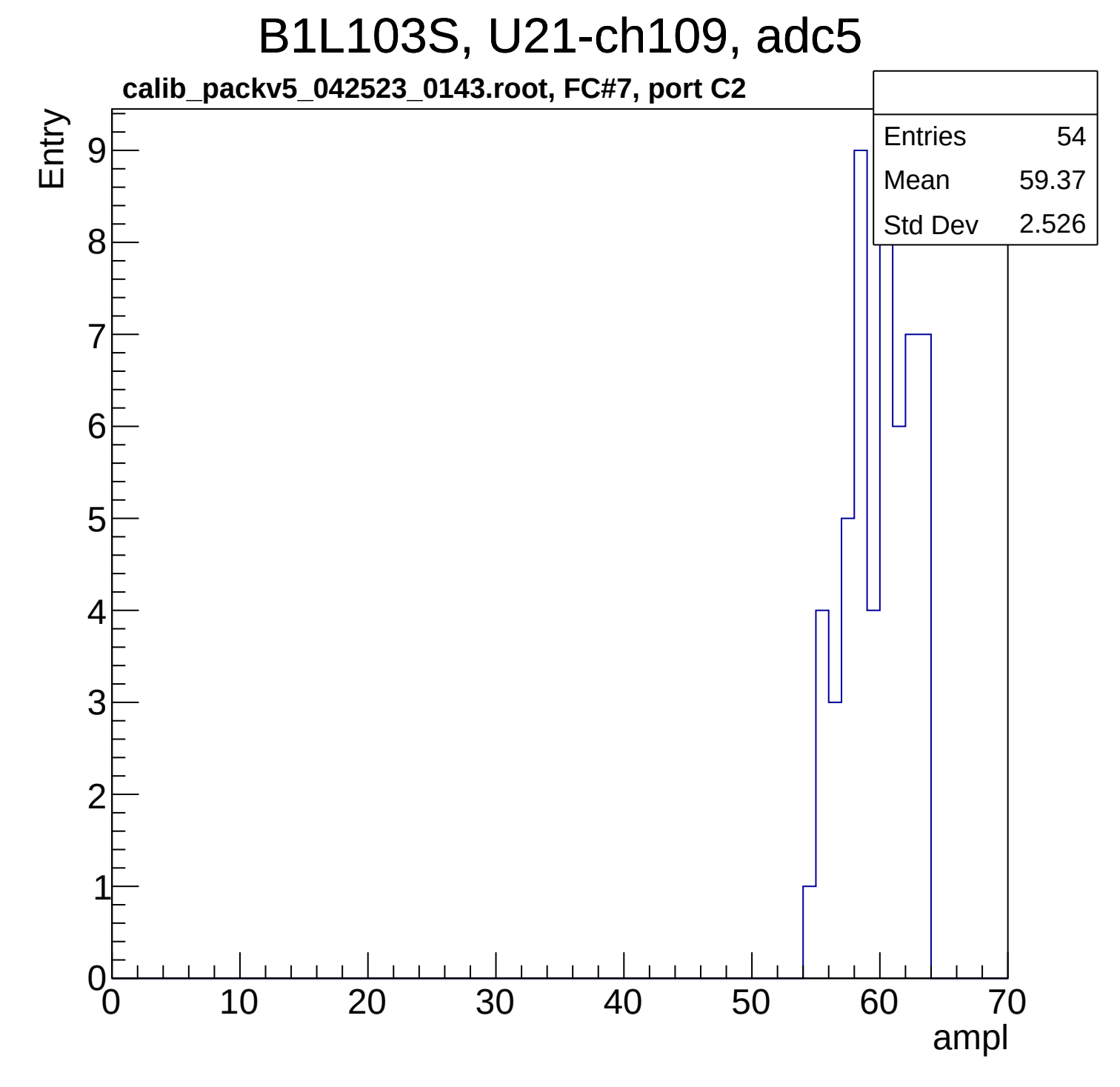
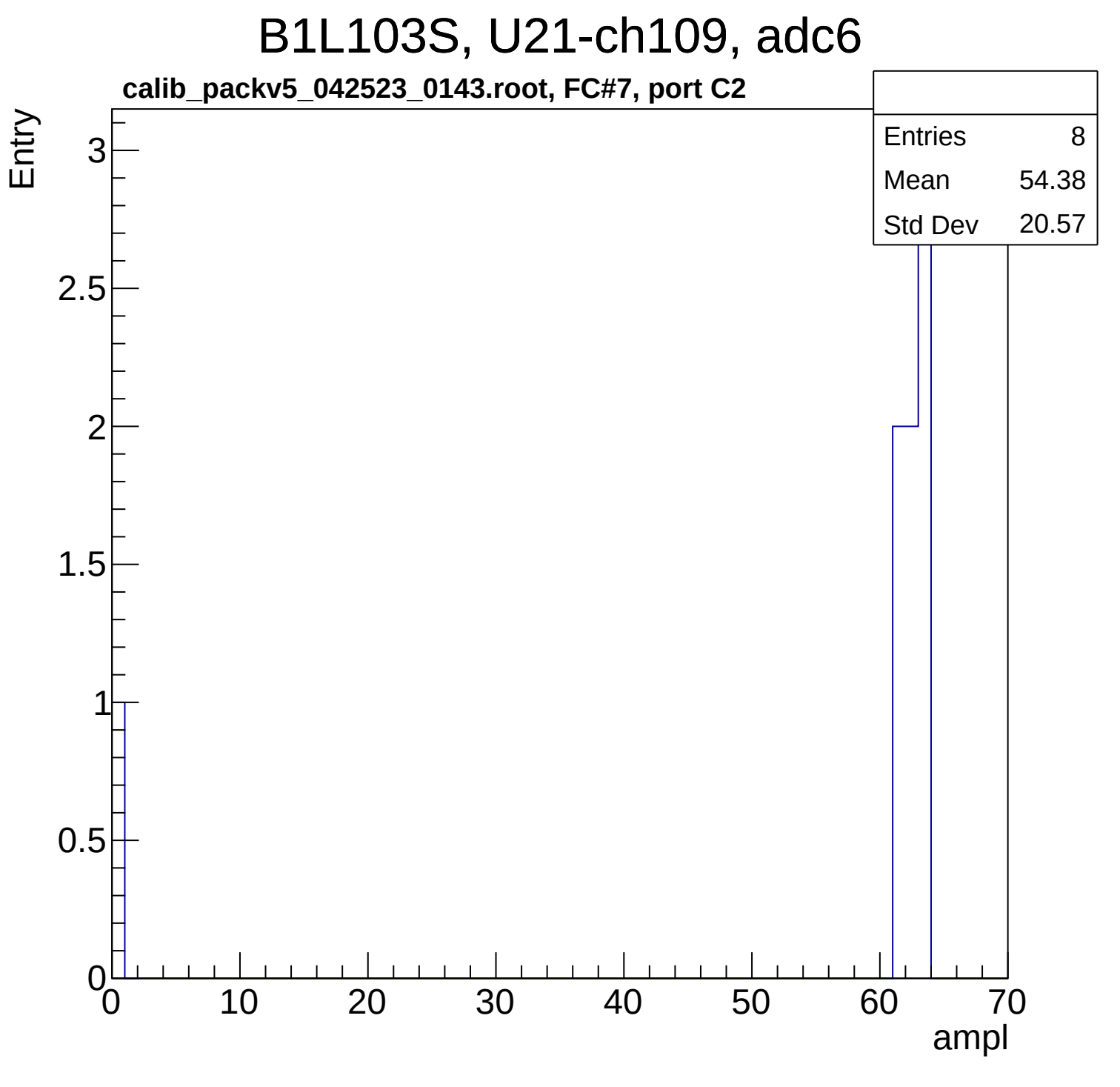

B1L103S, U21-ch109, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 48
Mean 54.67
Std Dev 3.682
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch109, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 59.37
Std Dev 2.526
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch109, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 8
Mean 54.38
Std Dev 20.57
Entry
ampl
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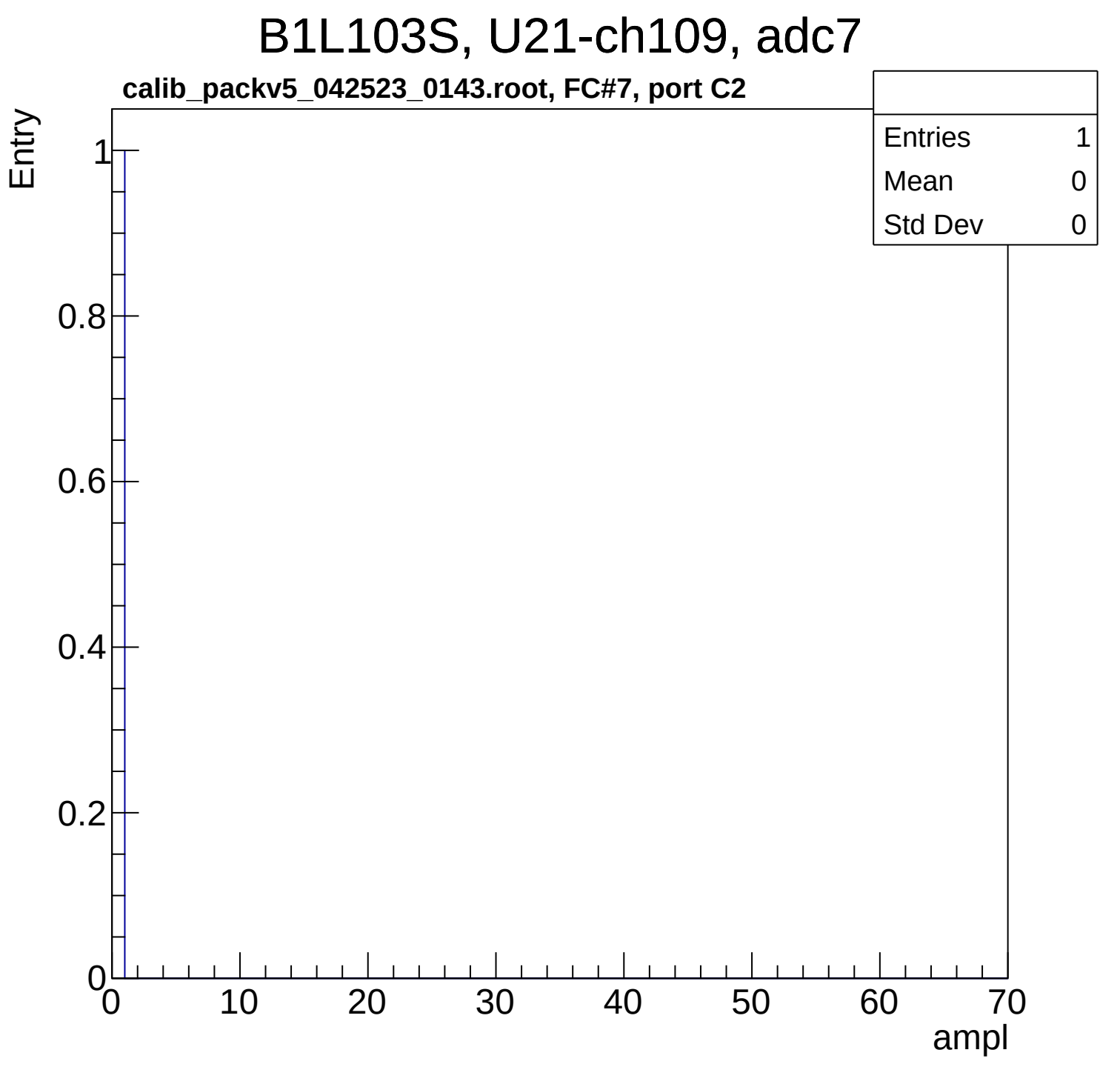
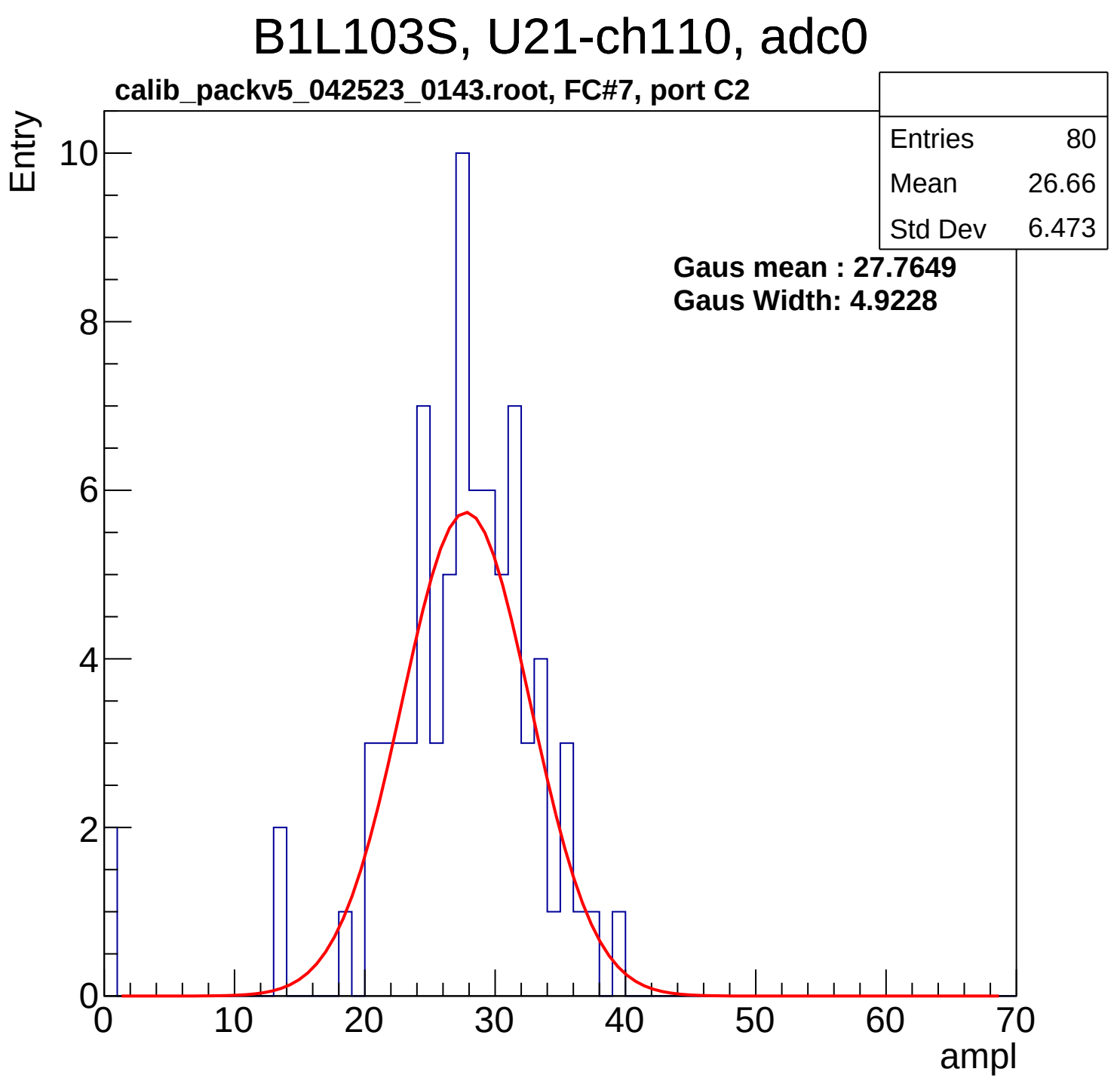
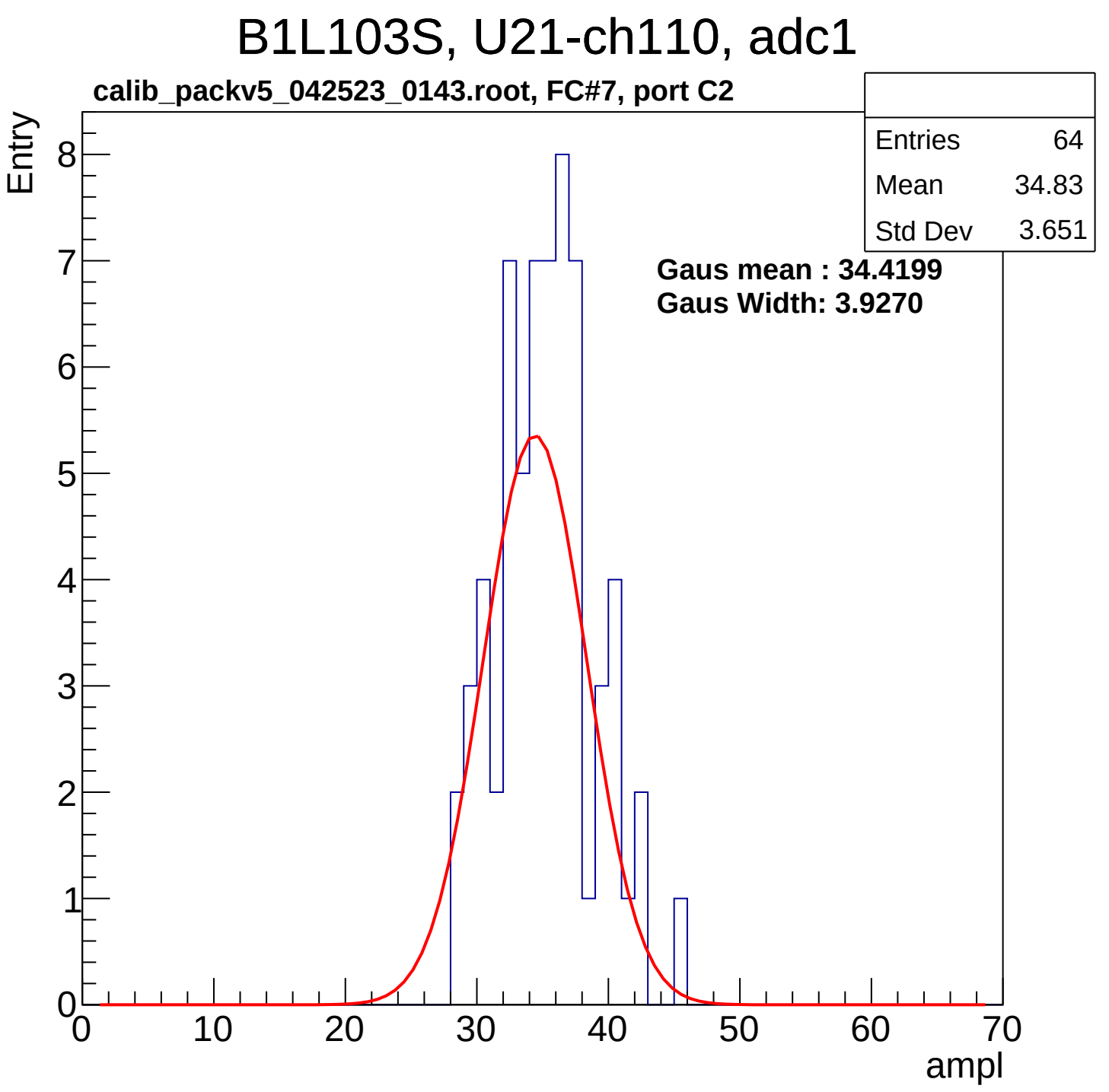
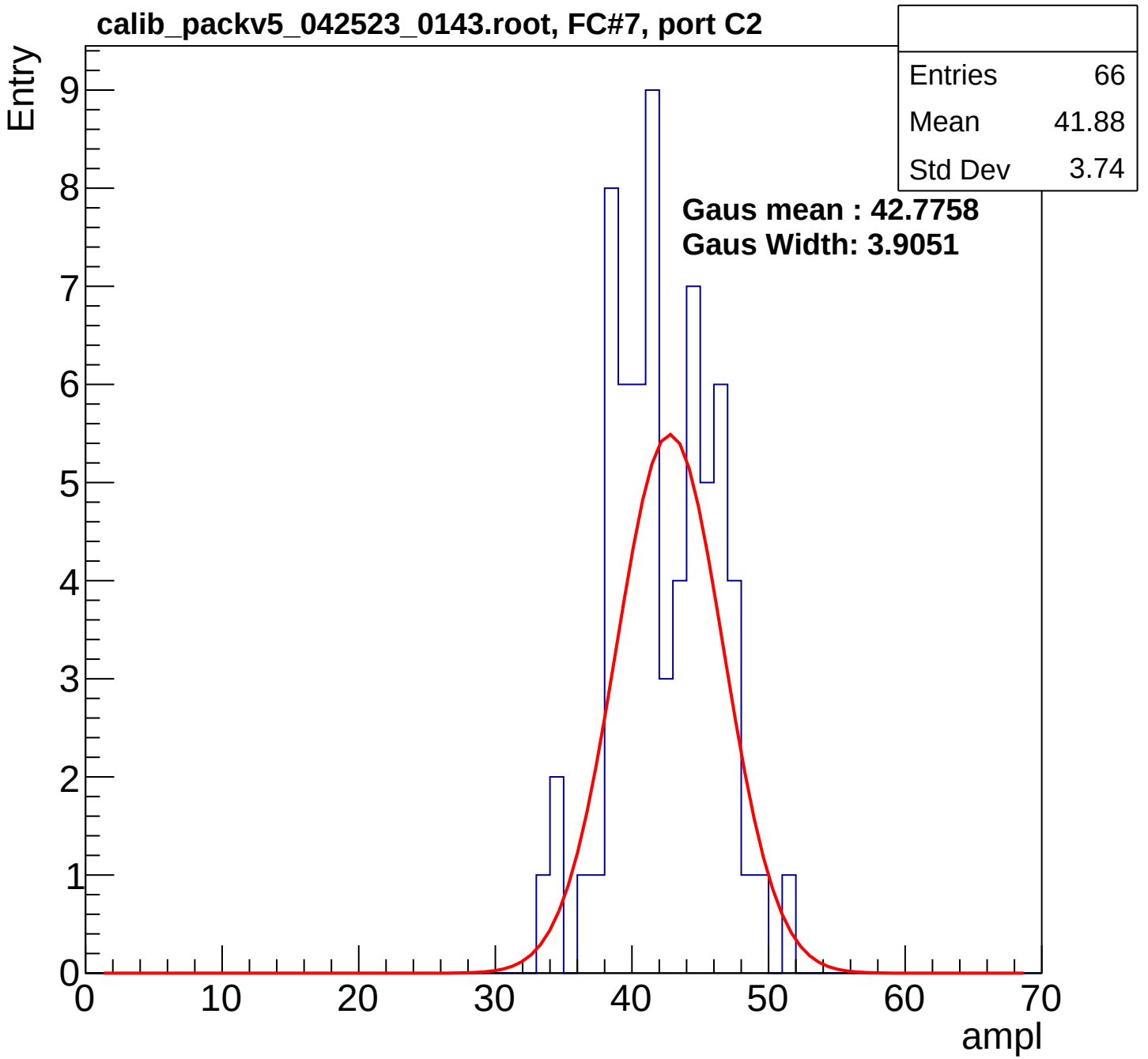
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U21-ch109, 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, U21-ch110, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 80
Mean 26.66
Std Dev 6.473
Gaus mean : 27.7649
Gaus Width: 4.9228
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U21-ch110, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 34.83
Std Dev 3.651
Gaus mean : 34.4199
Gaus Width: 3.9270
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch110, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 41.88
Std Dev 3.74
Gaus mean : 42.7758
Gaus Width: 3.9051
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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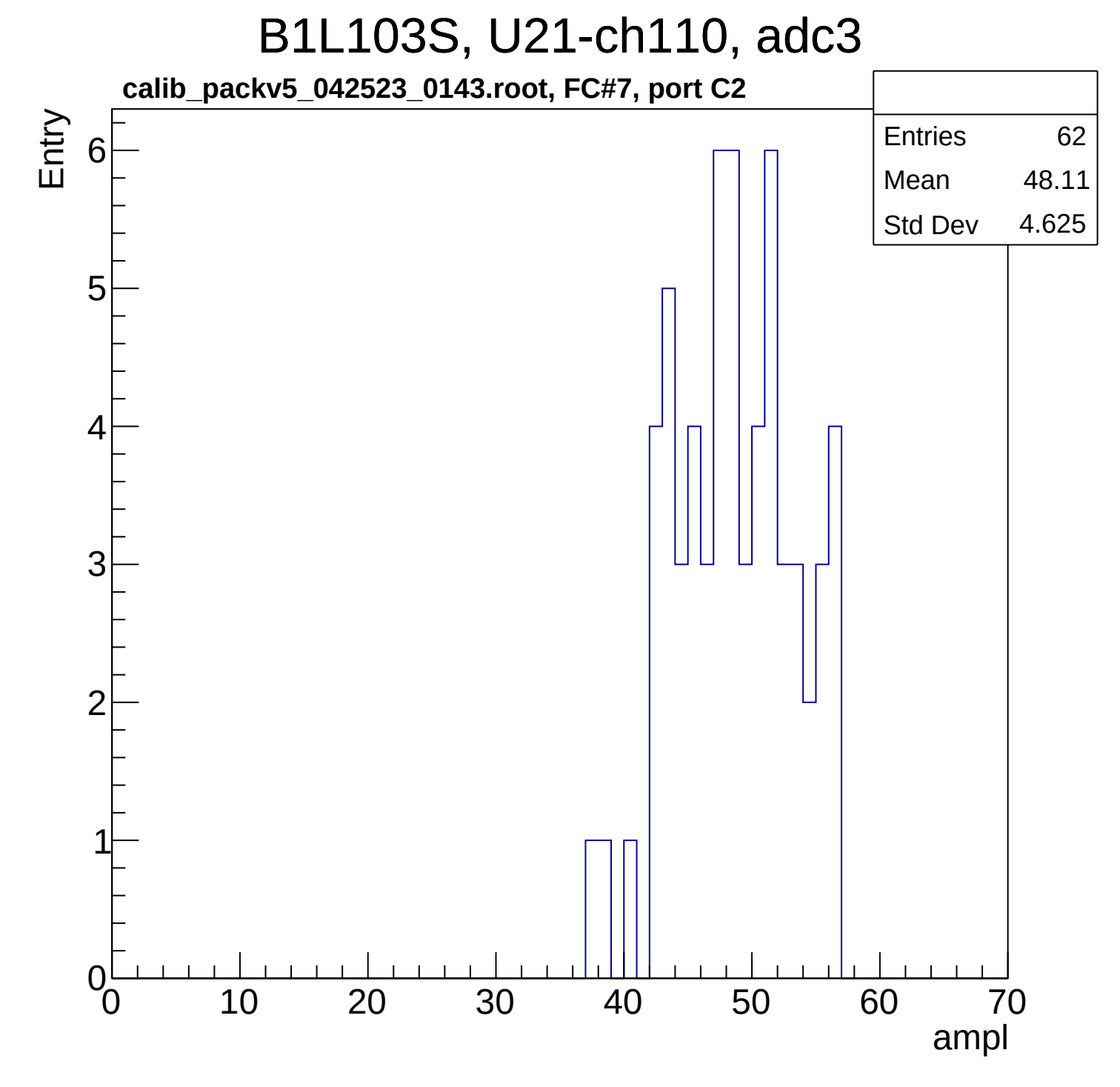
B1L103S, U21-ch110, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 48.11
Std Dev 4.625
Entry
ampl
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60
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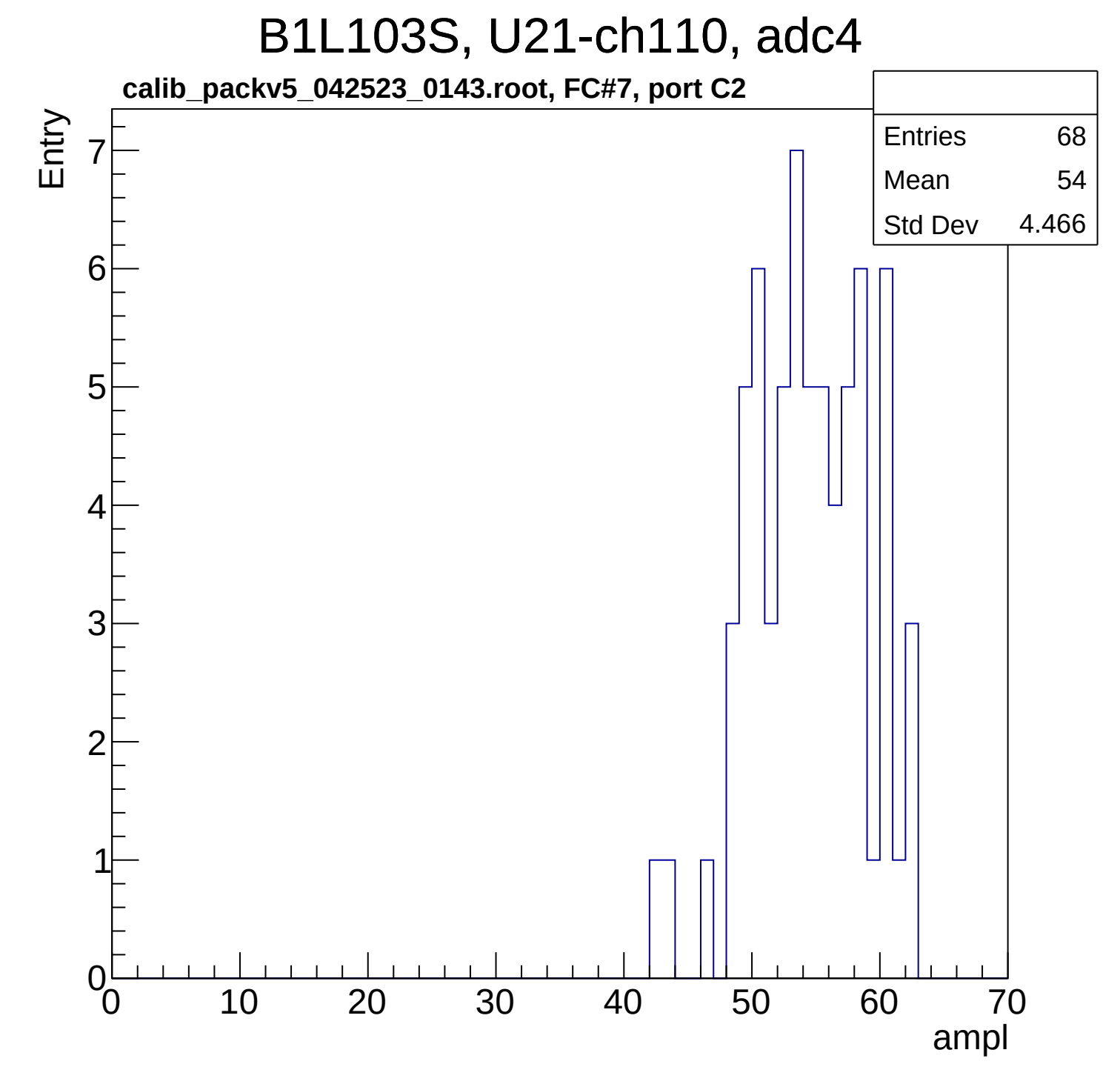
B1L103S, U21-ch110, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 54
Std Dev 4.466
Entry
ampl
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4
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6
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0
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20
30
40
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60
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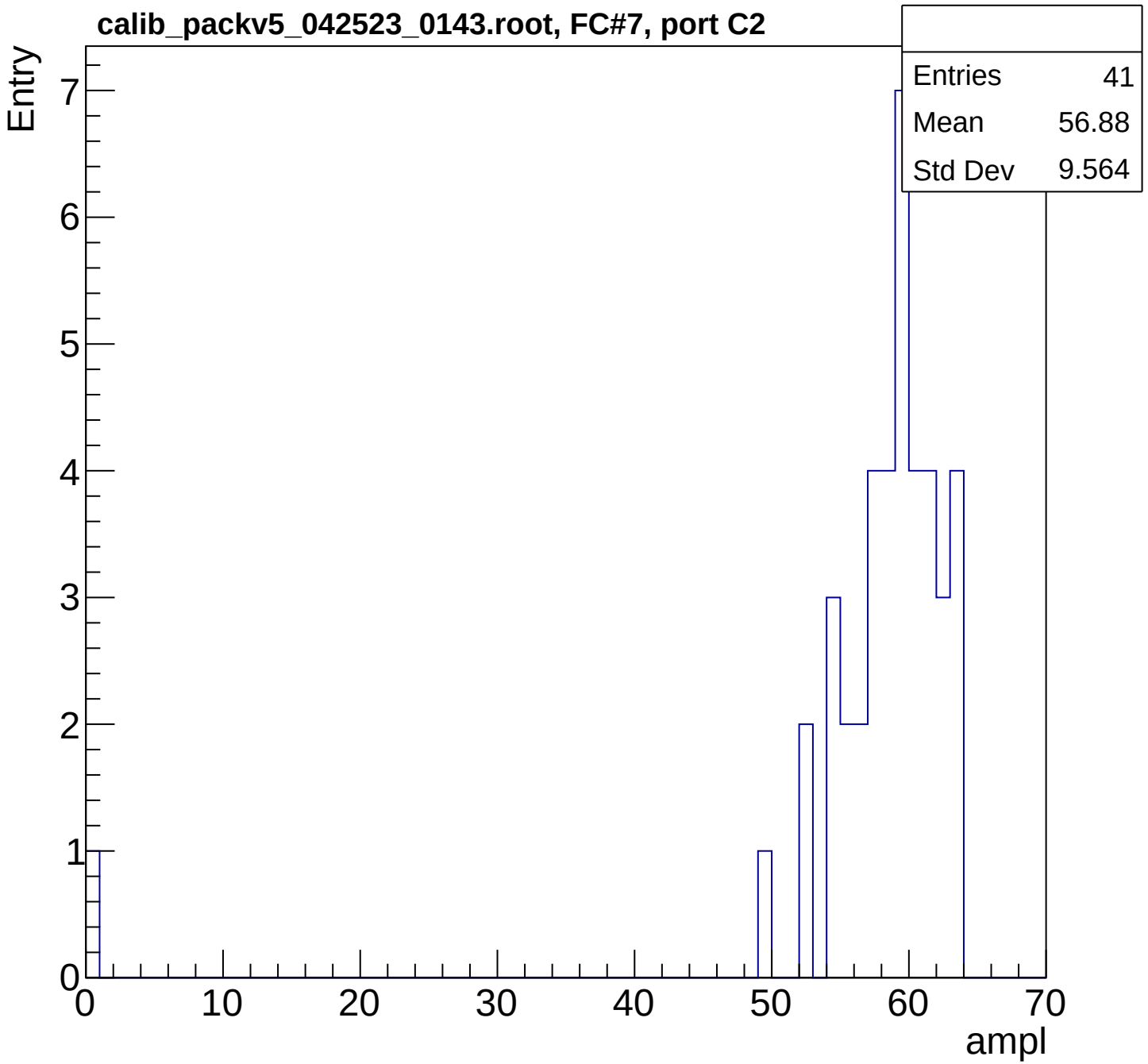
B1L103S, U21-ch110, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 41
Mean 56.88
Std Dev 9.564
Entry
ampl
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1
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4
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6
7
0
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20
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60
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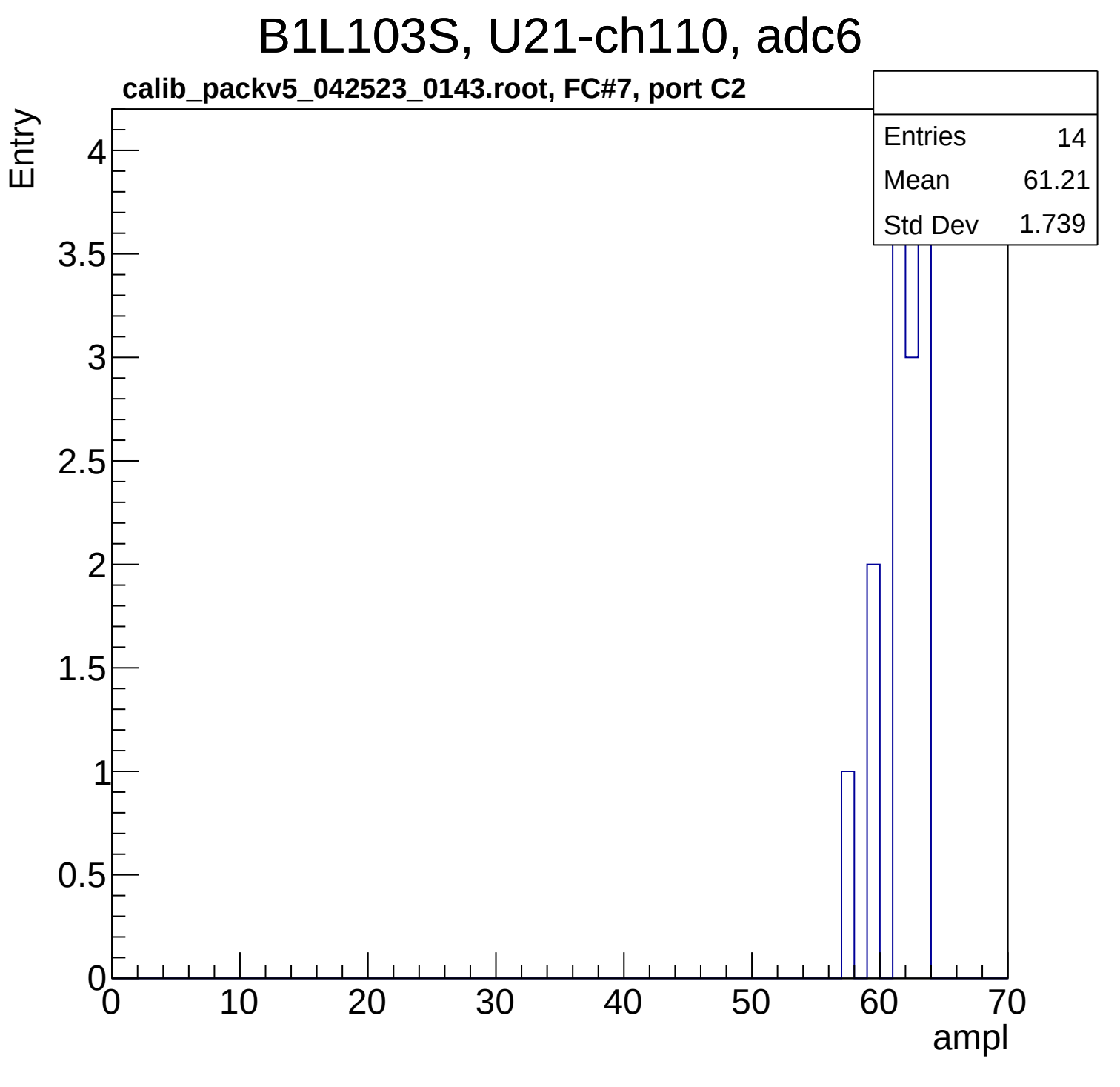
B1L103S, U21-ch110, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 14
Mean 61.21
Std Dev 1.739
Entry
ampl
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1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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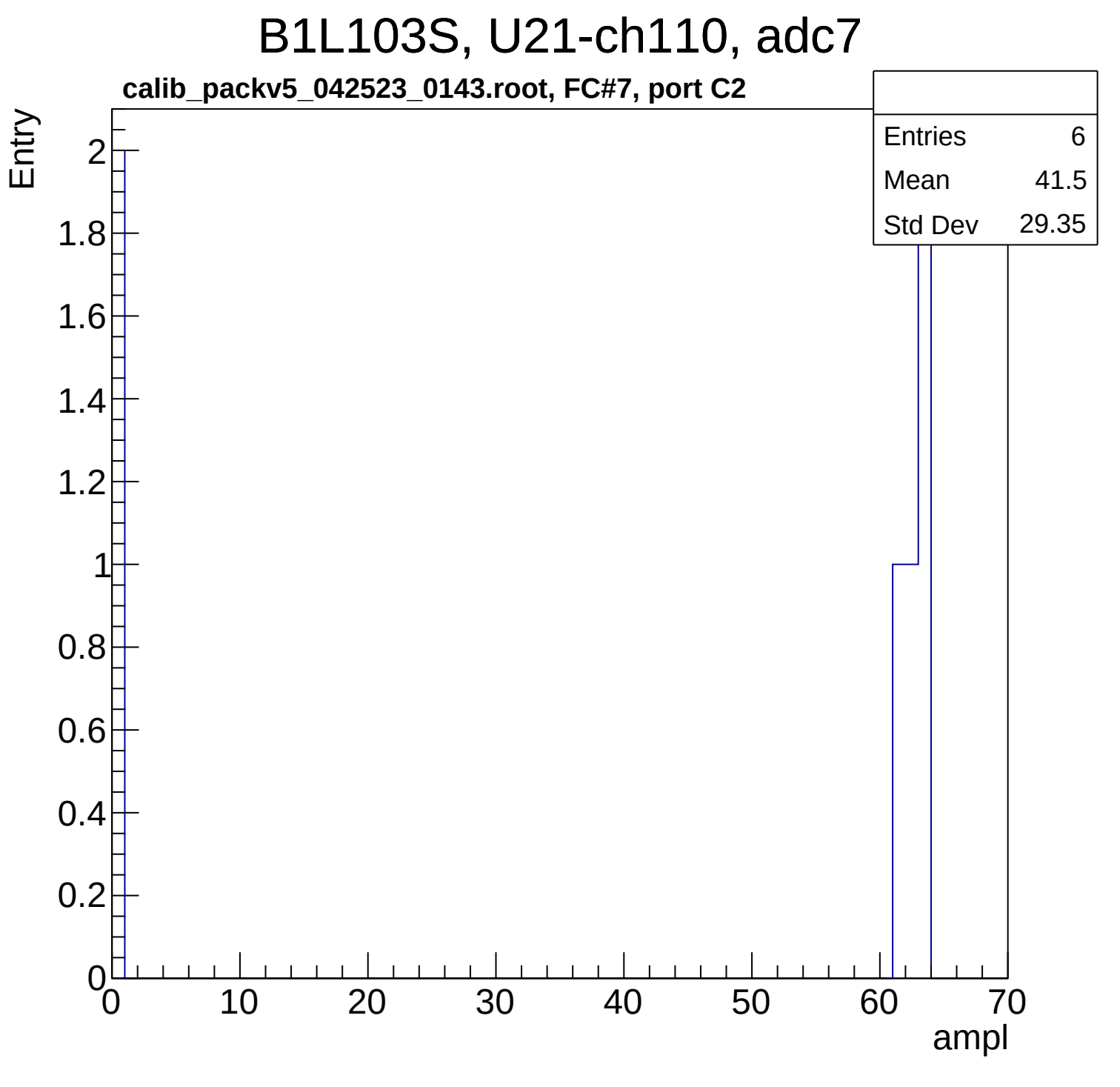
B1L103S, U21-ch110, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 6
Mean 41.5
Std Dev 29.35
Entry
ampl
0
0.2
0.4
0.6
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1
1.2
1.4
1.6
1.8
2
0
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60
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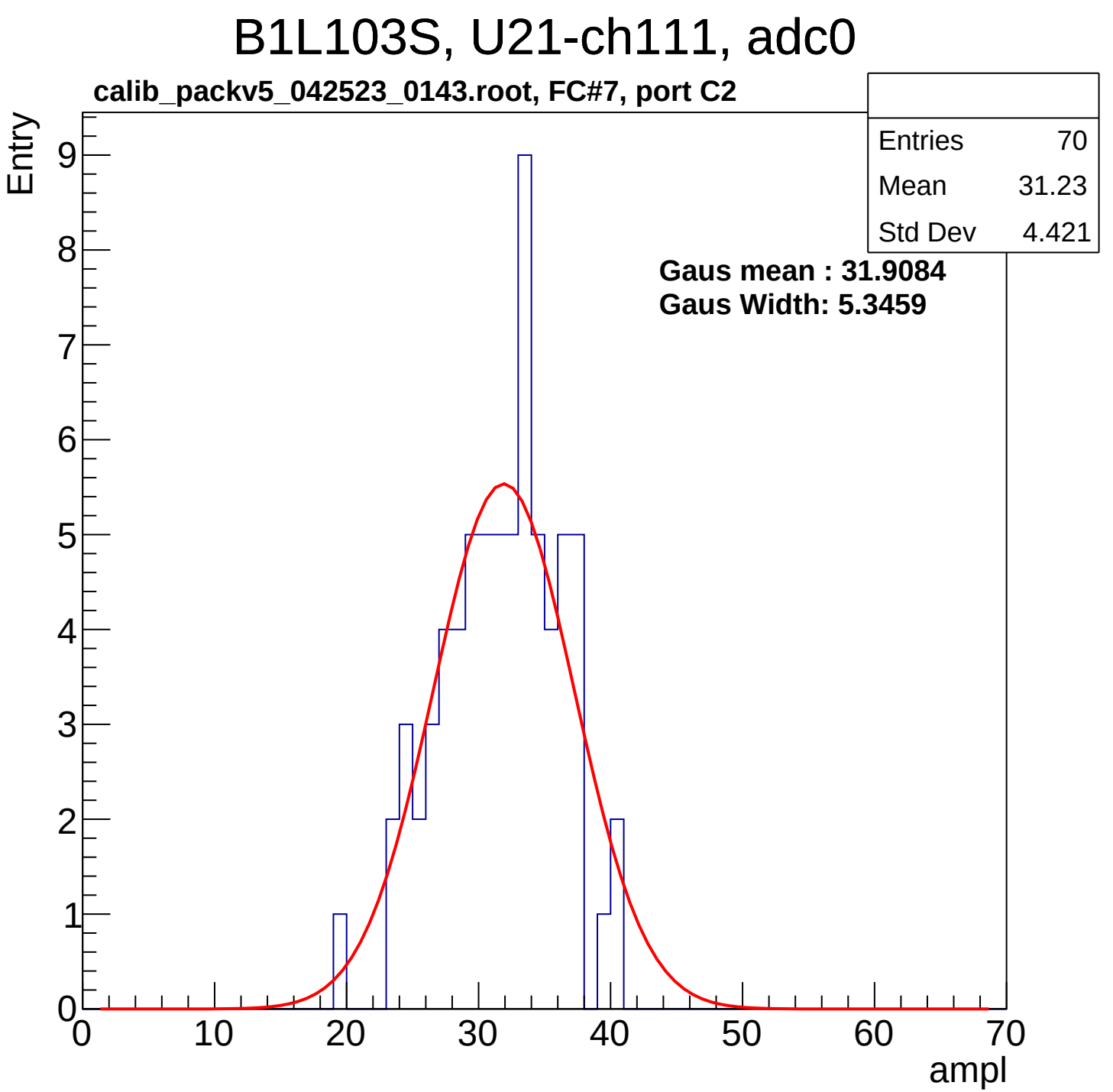
B1L103S, U21-ch111, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 31.23
Std Dev 4.421
Gaus mean : 31.9084
Gaus Width: 5.3459
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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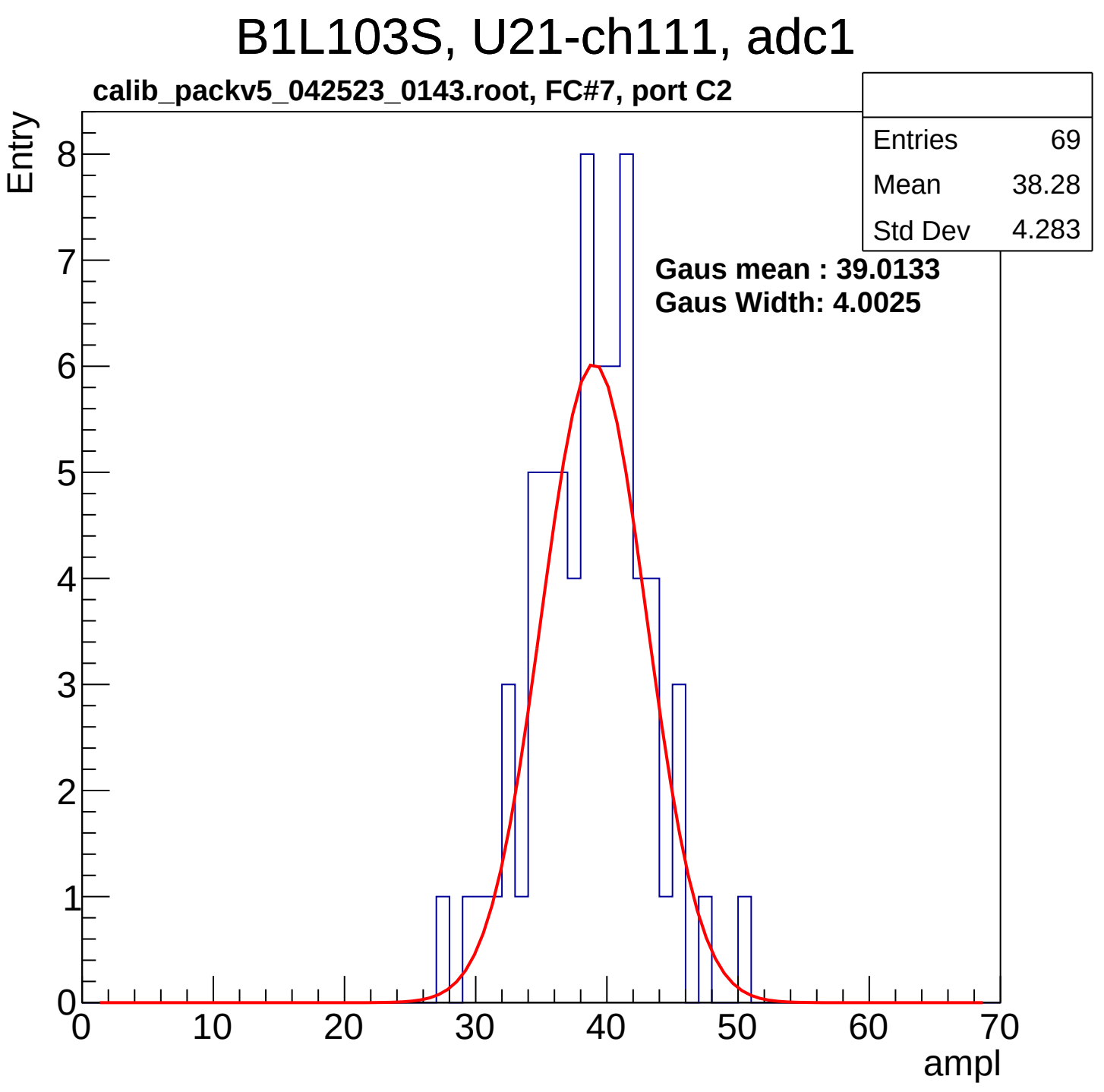
B1L103S, U21-ch111, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 38.28
Std Dev 4.283
Gaus mean : 39.0133
Gaus Width: 4.0025
Entry
ampl
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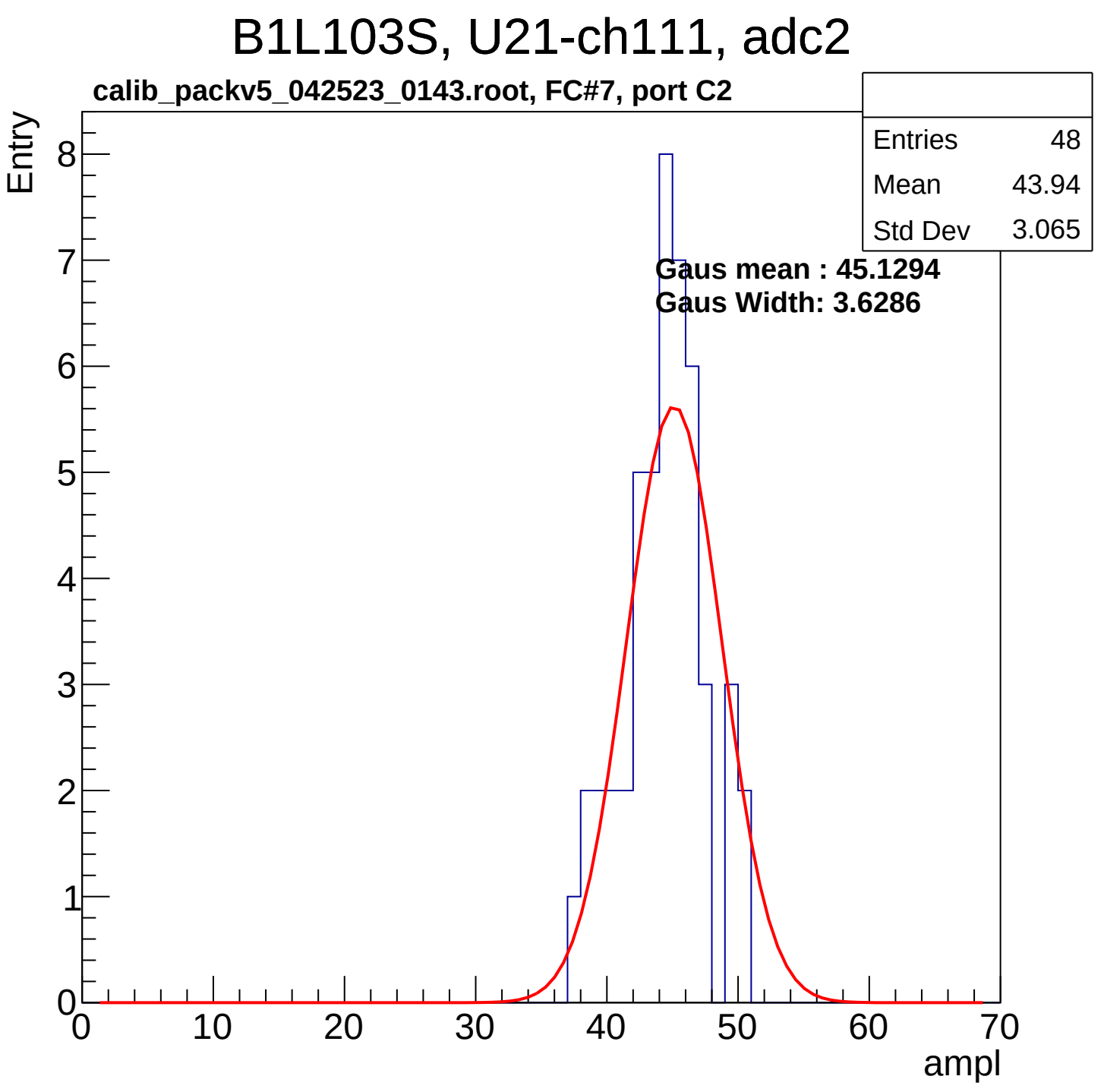
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch111, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 48
Mean 43.94
Std Dev 3.065
Gaus mean : 45.1294
Gaus Width: 3.6286
Entry
ampl
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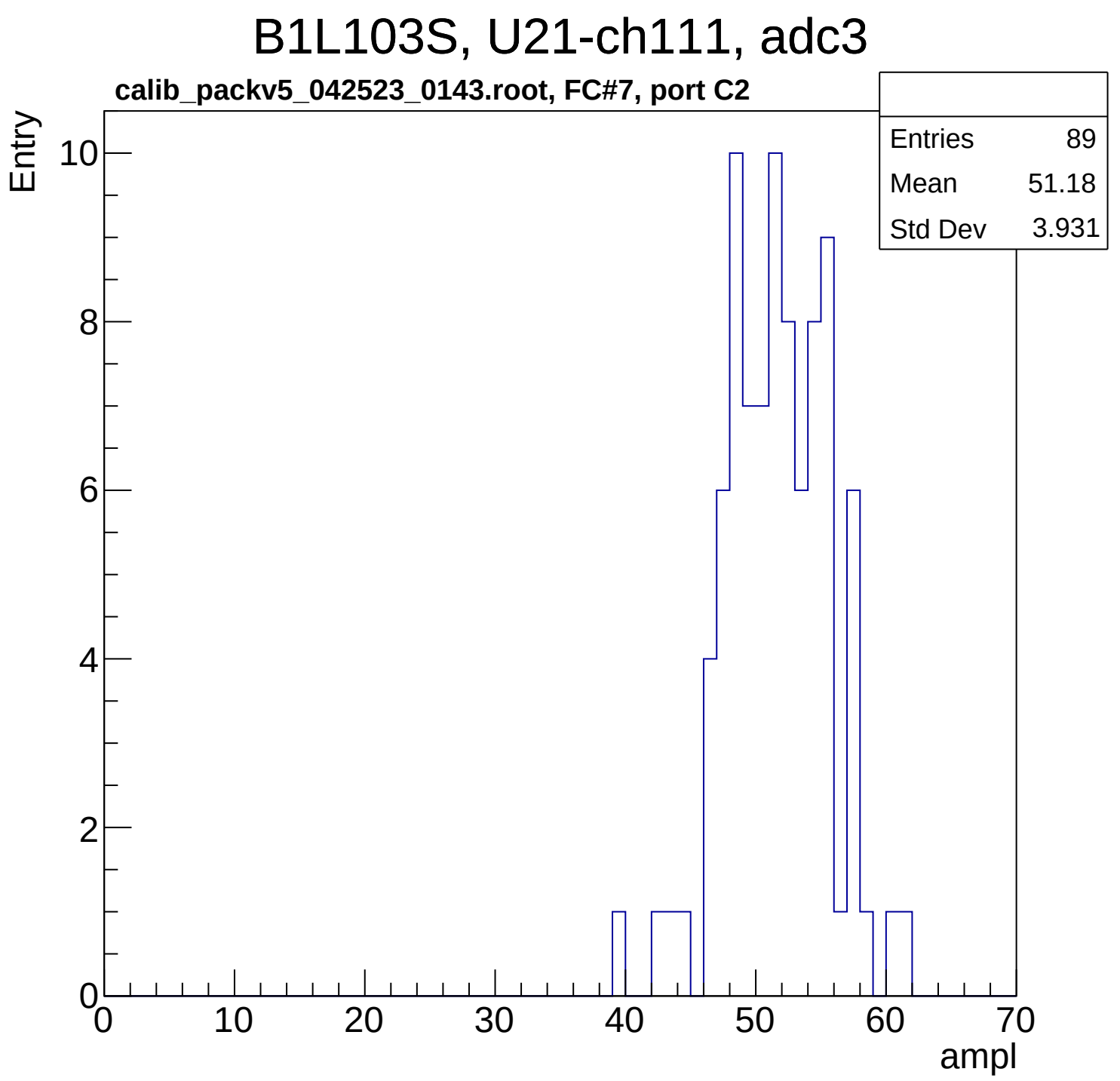
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch111, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 89
Mean 51.18
Std Dev 3.931
Entry
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2
4
6
8
10
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10
20
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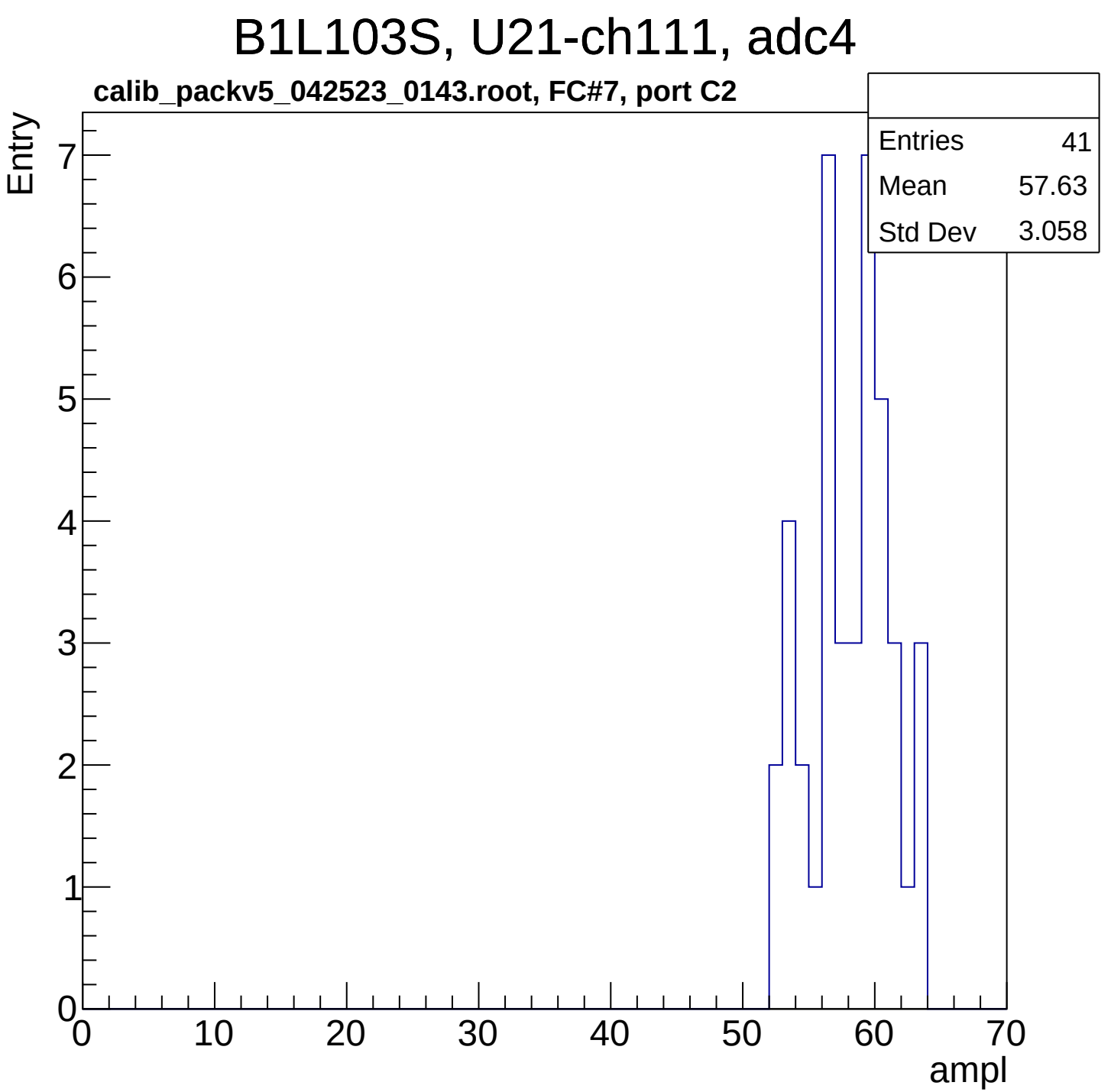
50
60
70
ampl


B1L103S, U21-ch111, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 41
Mean 57.63
Std Dev 3.058
Entry
ampl
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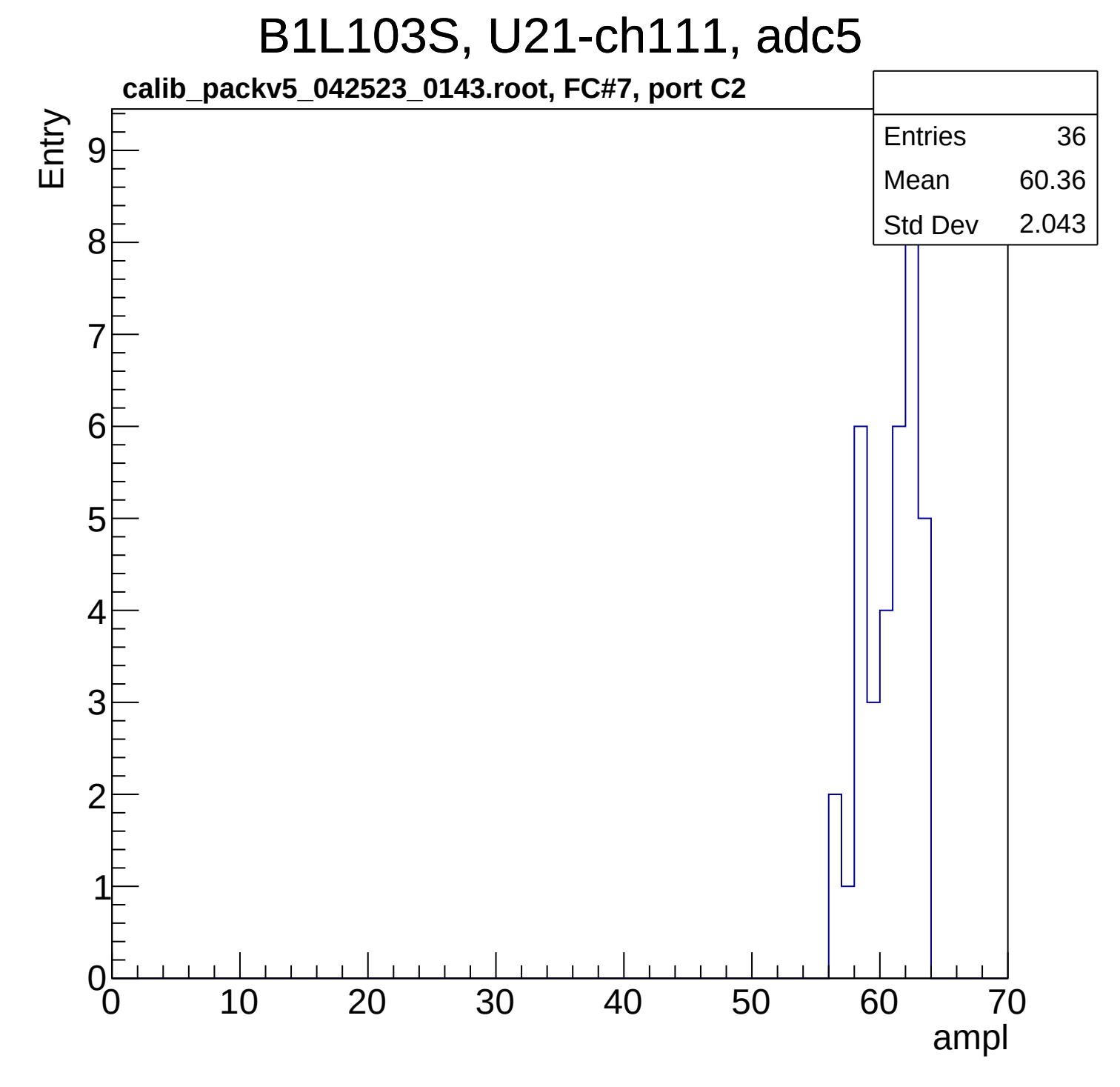
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch111, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 36
Mean 60.36
Std Dev 2.043
Entry
ampl
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3
4
5
6
7
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0
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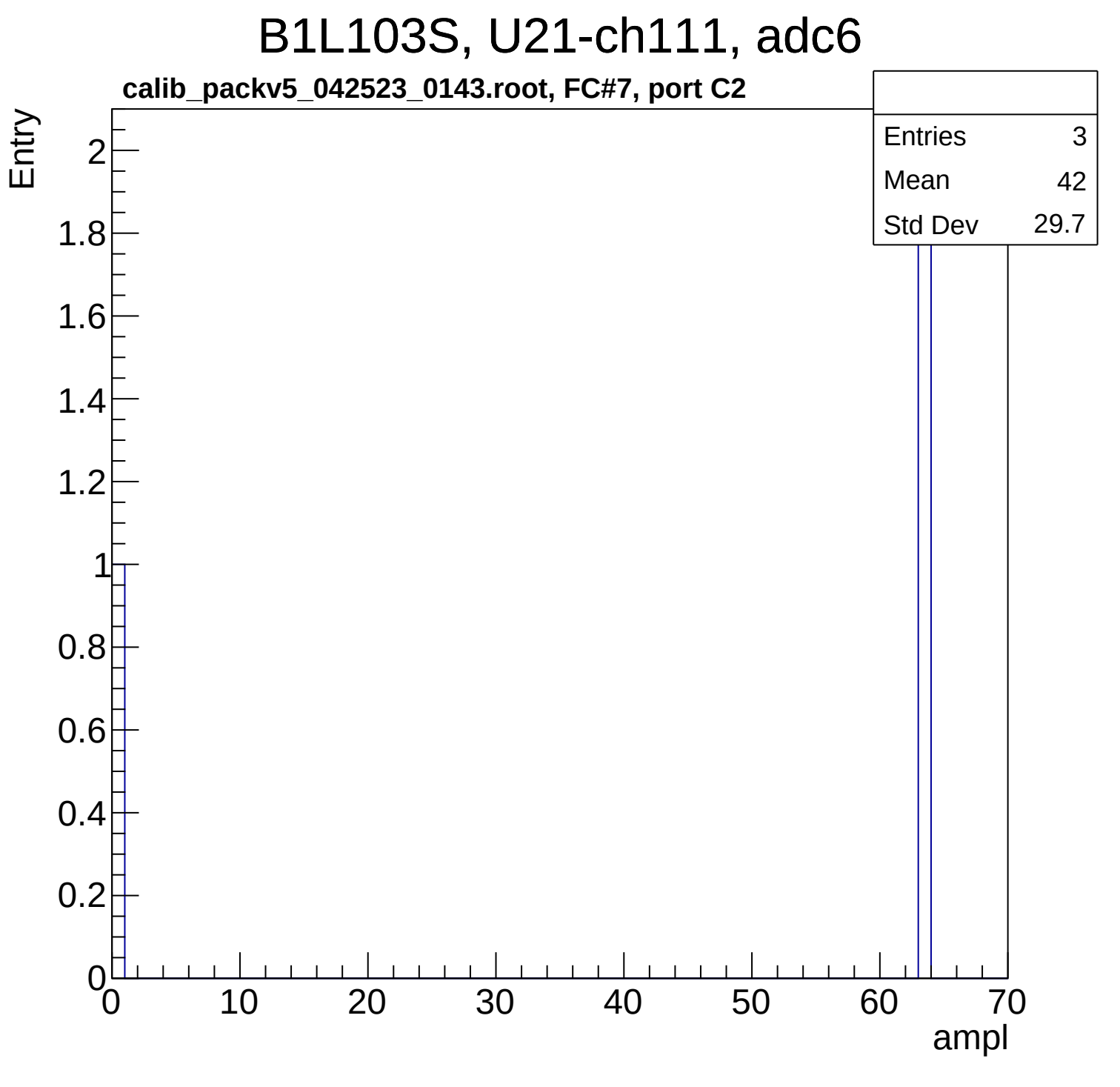
B1L103S, U21-ch111, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 42
Std Dev 29.7
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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20
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50
60
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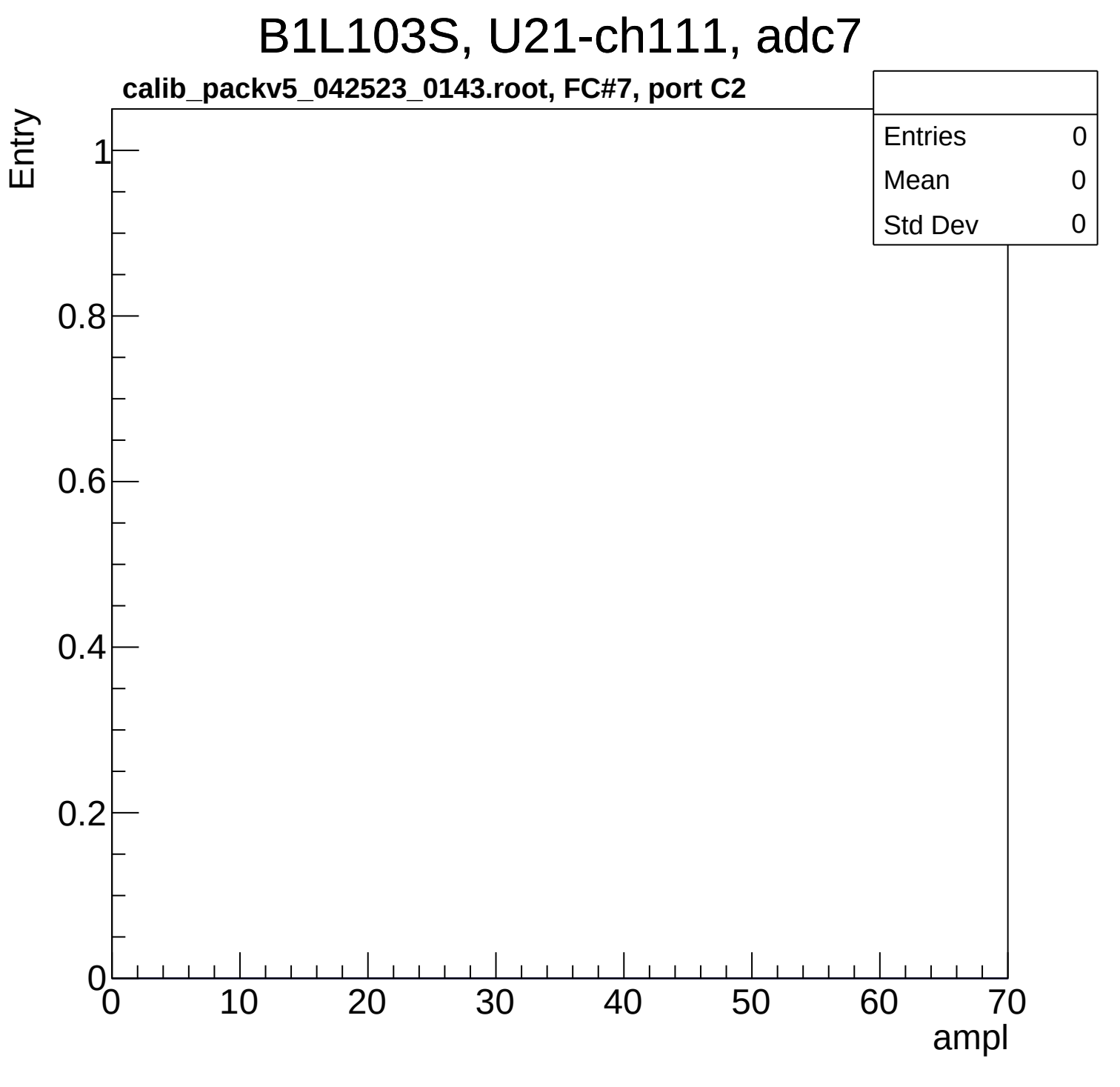
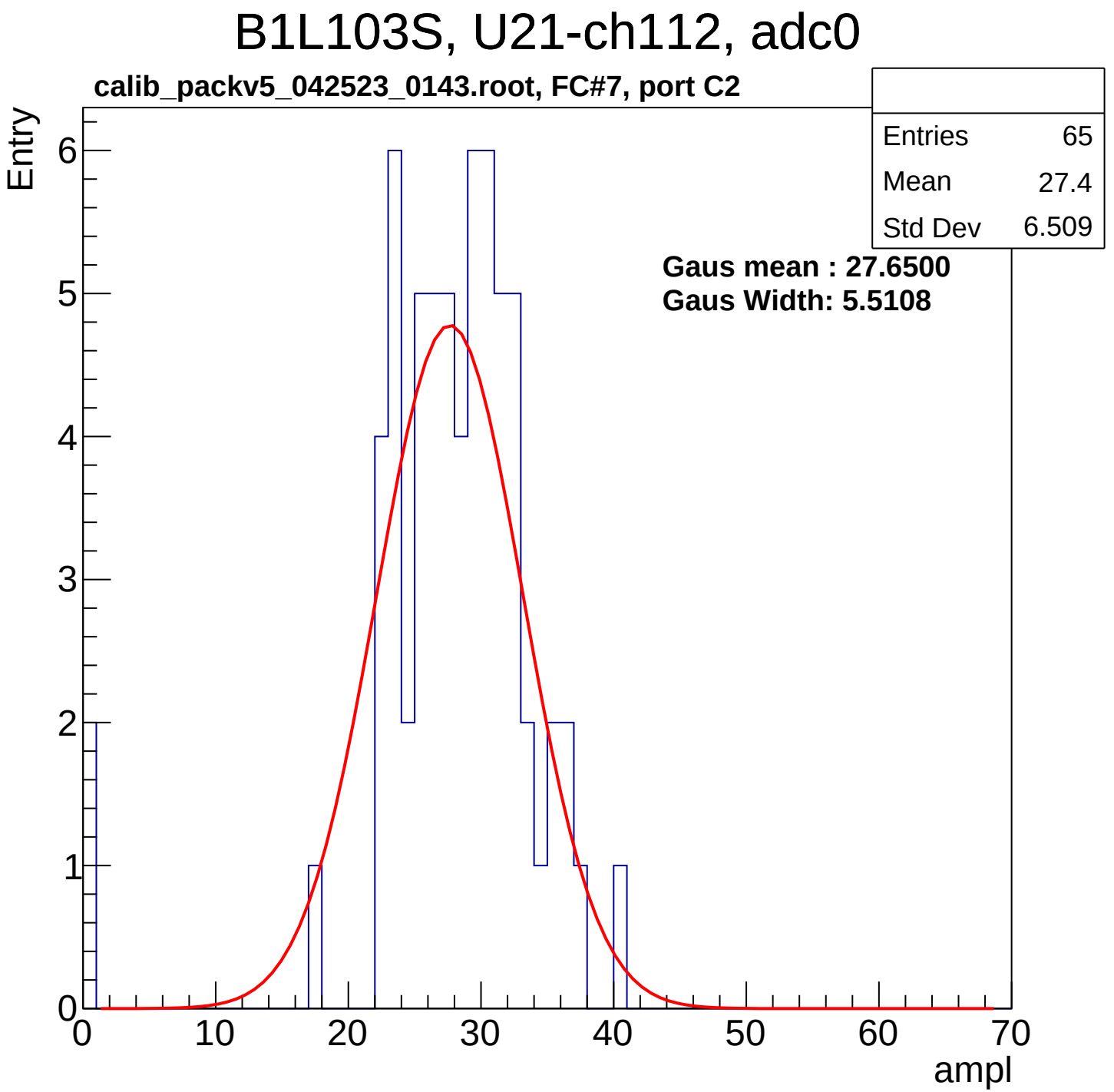

B1L103S, U21-ch111, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch112, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 27.4
Std Dev 6.509
Gaus mean : 27.6500
Gaus Width: 5.5108
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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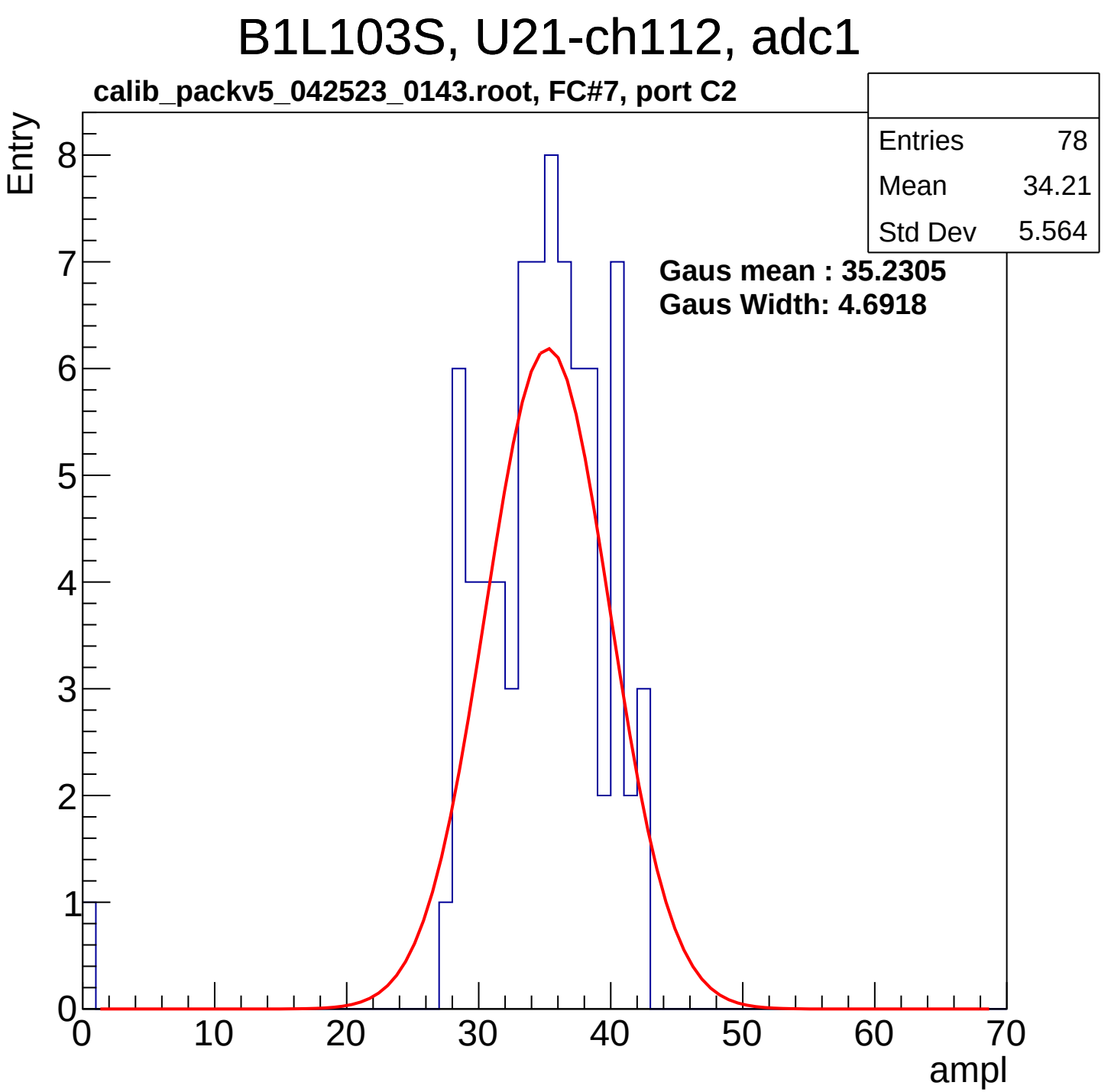
B1L103S, U21-ch112, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 78
Mean 34.21
Std Dev 5.564
Gaus mean : 35.2305
Gaus Width: 4.6918
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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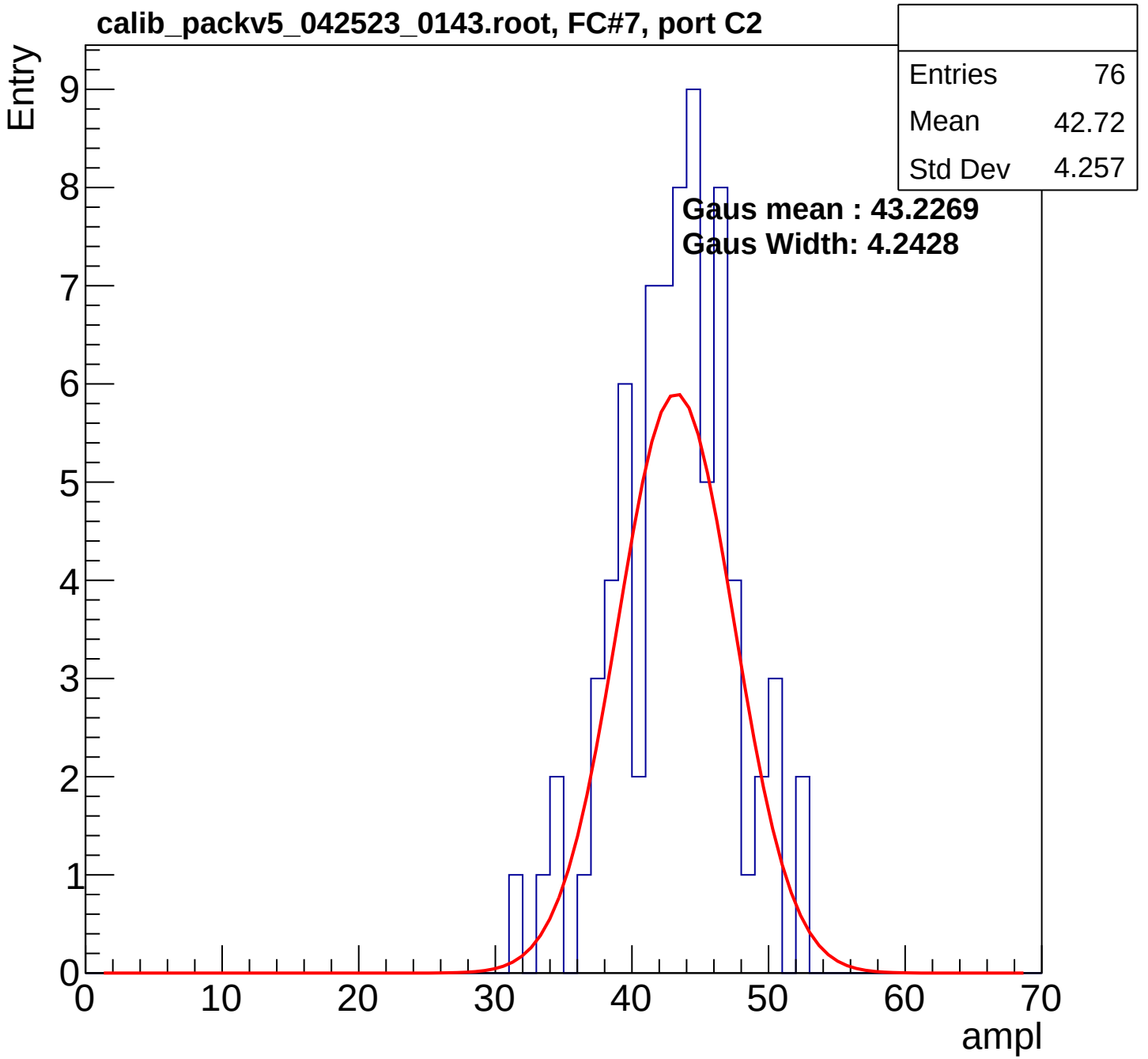
B1L103S, U21-ch112, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 42.72
Std Dev 4.257
Gaus mean : 43.2269
Gaus Width: 4.2428
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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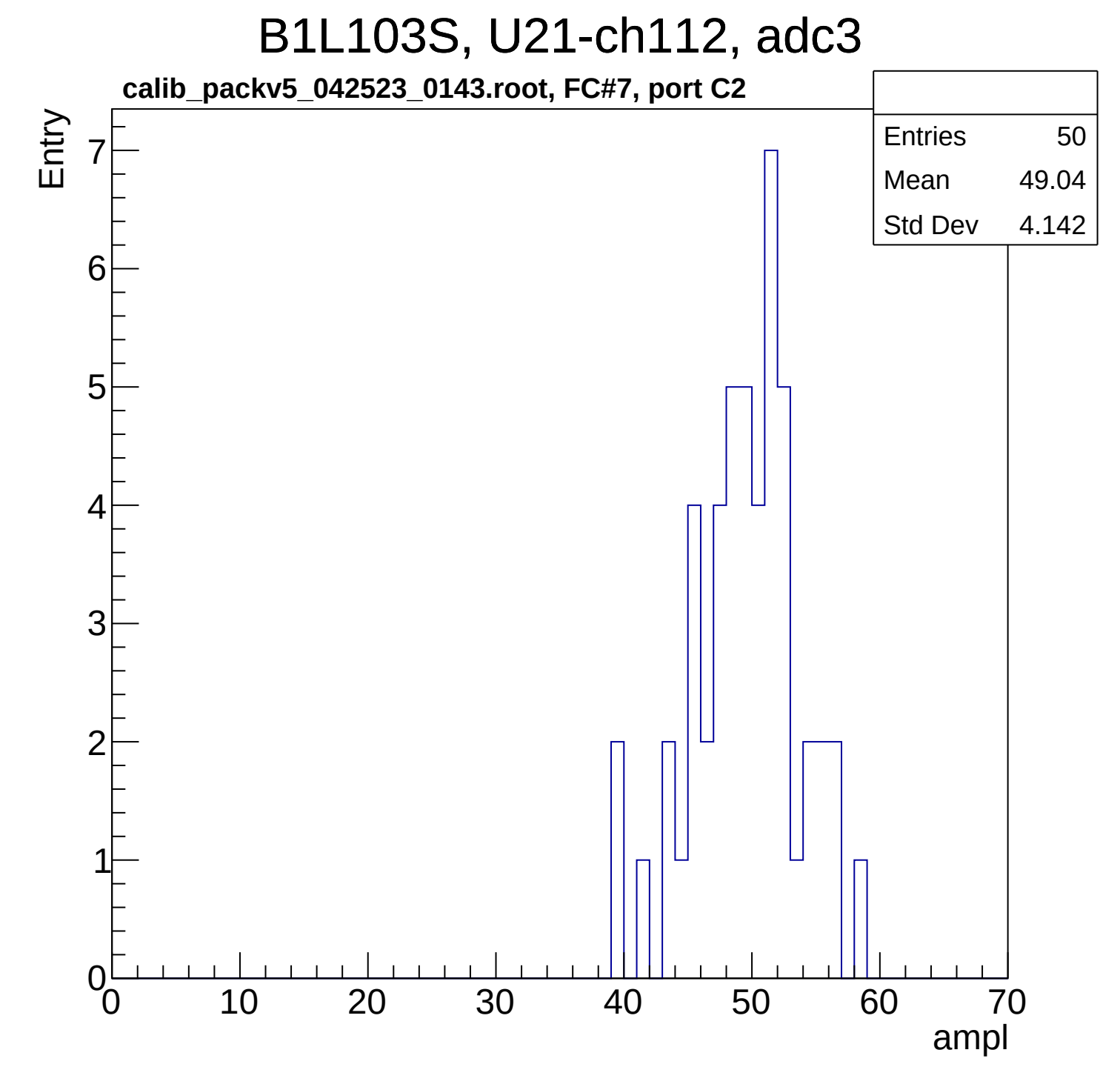
B1L103S, U21-ch112, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 50
Mean 49.04
Std Dev 4.142
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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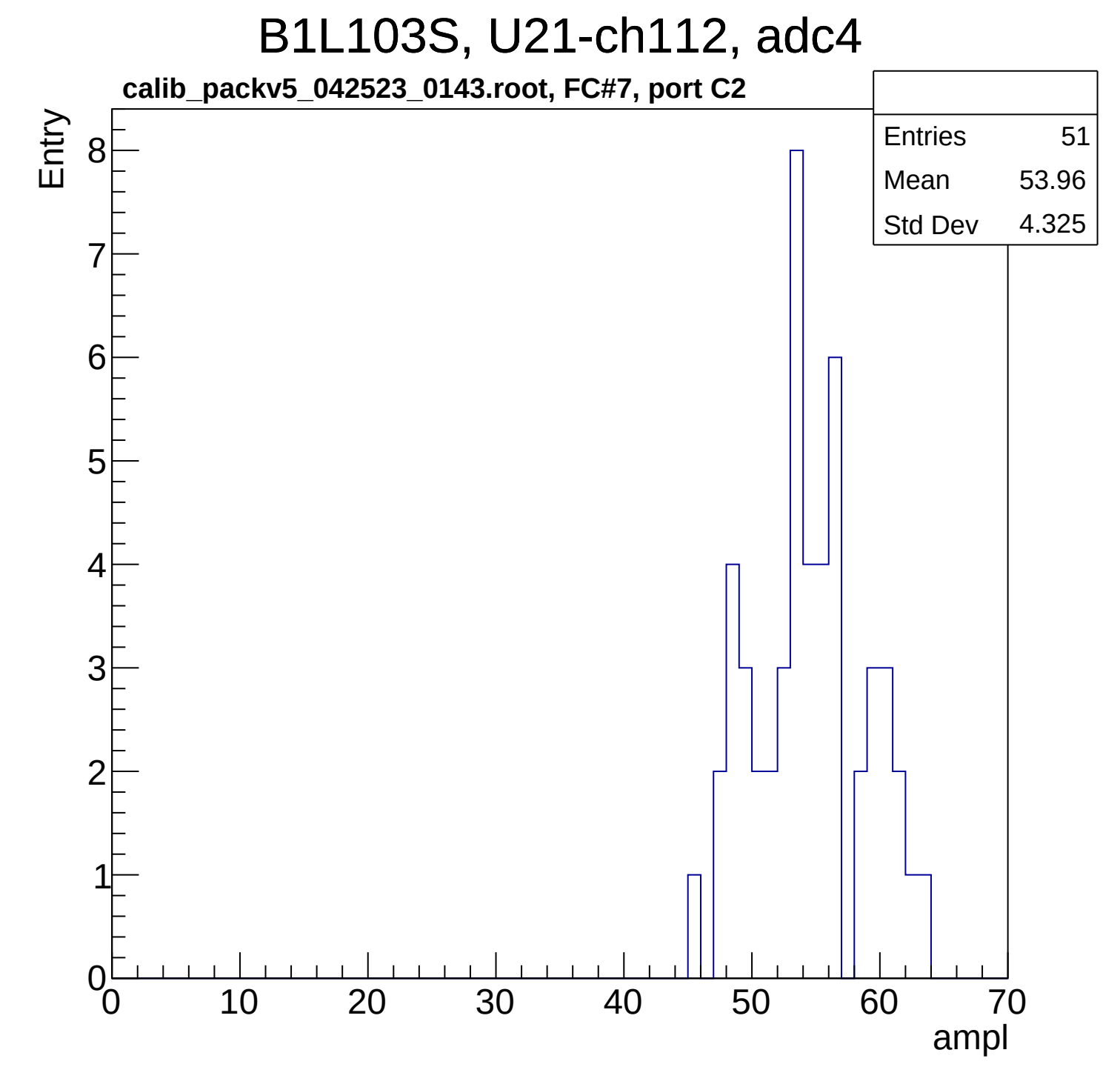
B1L103S, U21-ch112, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 53.96
Std Dev 4.325
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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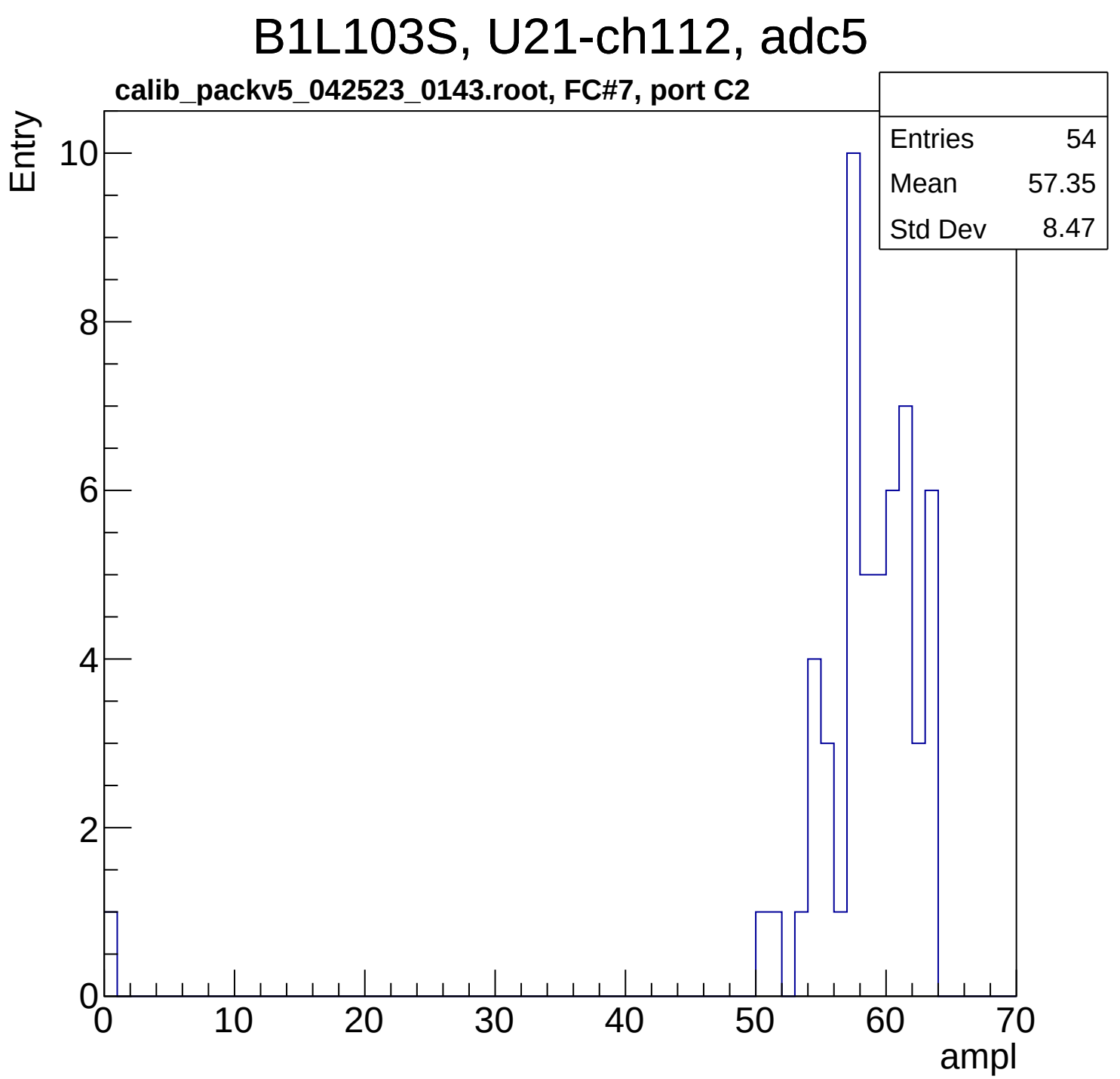
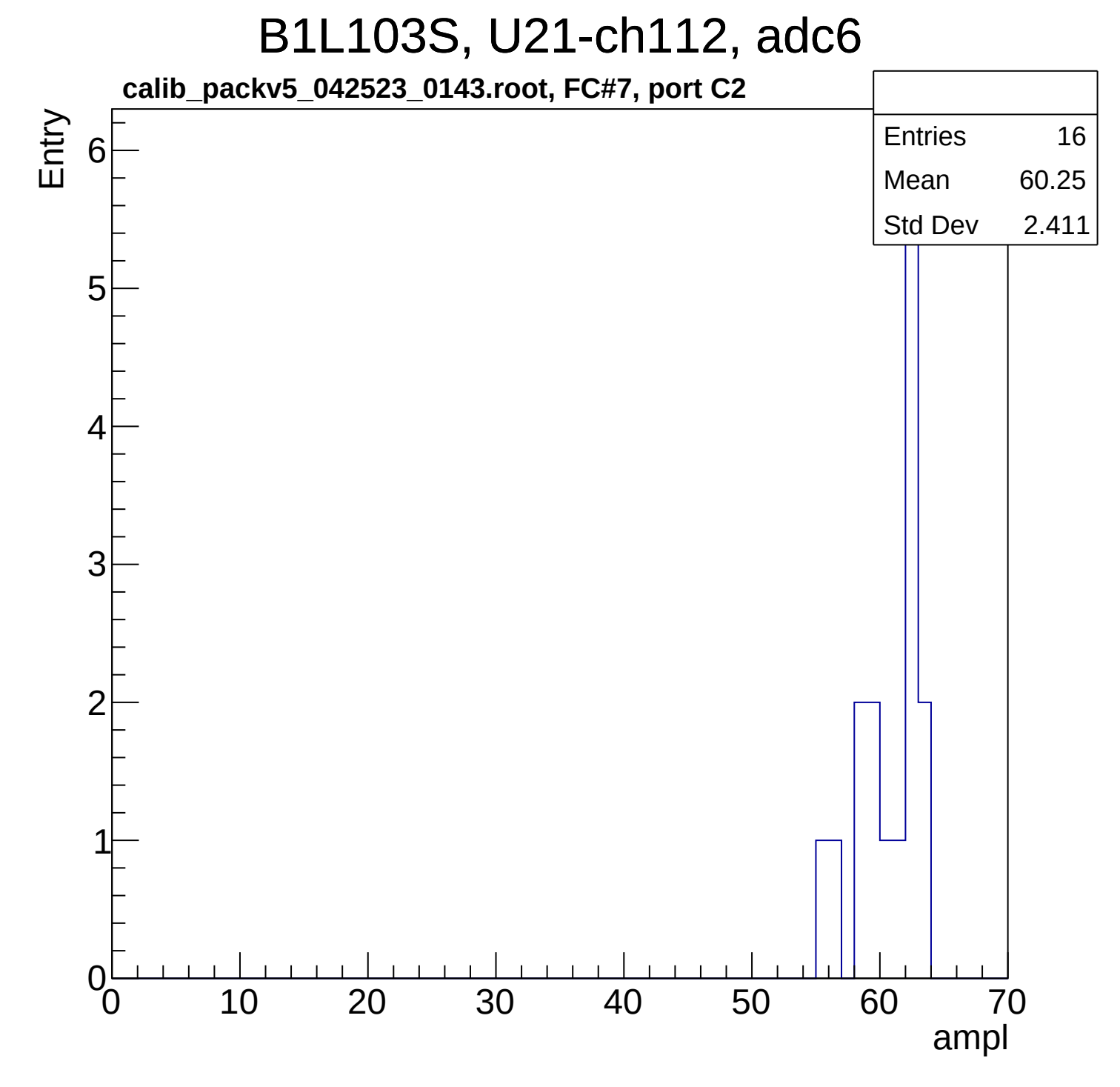
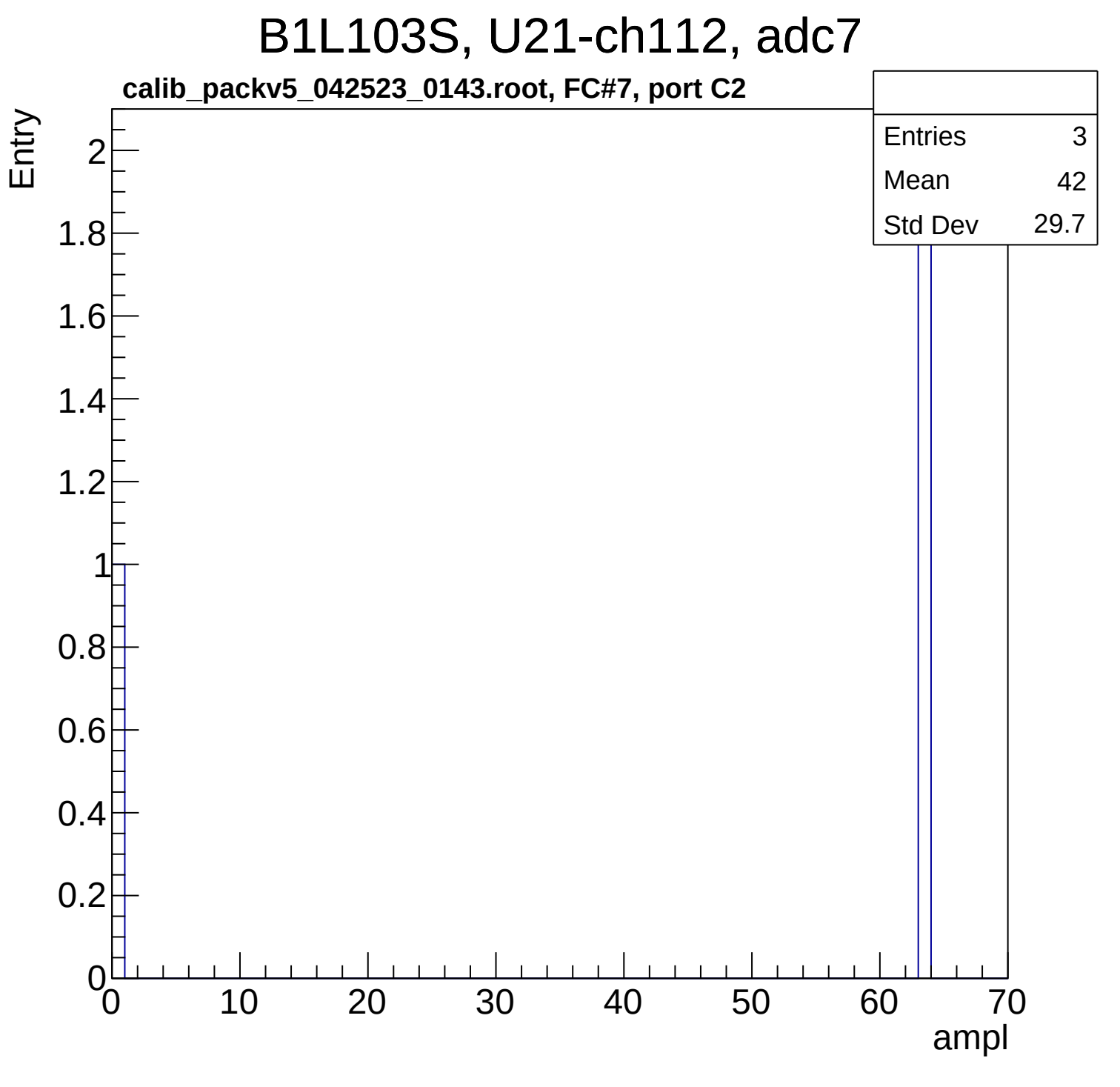
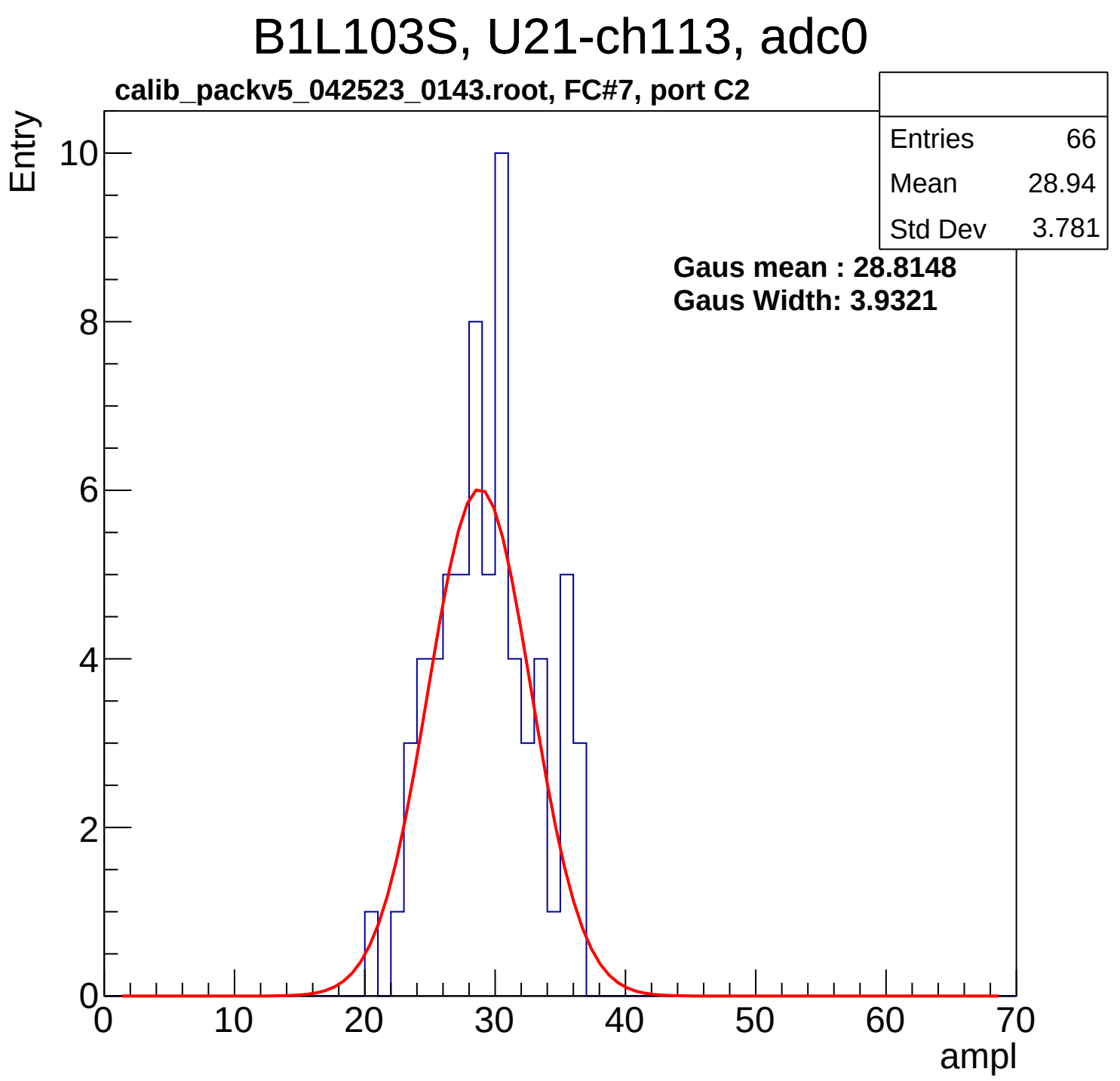
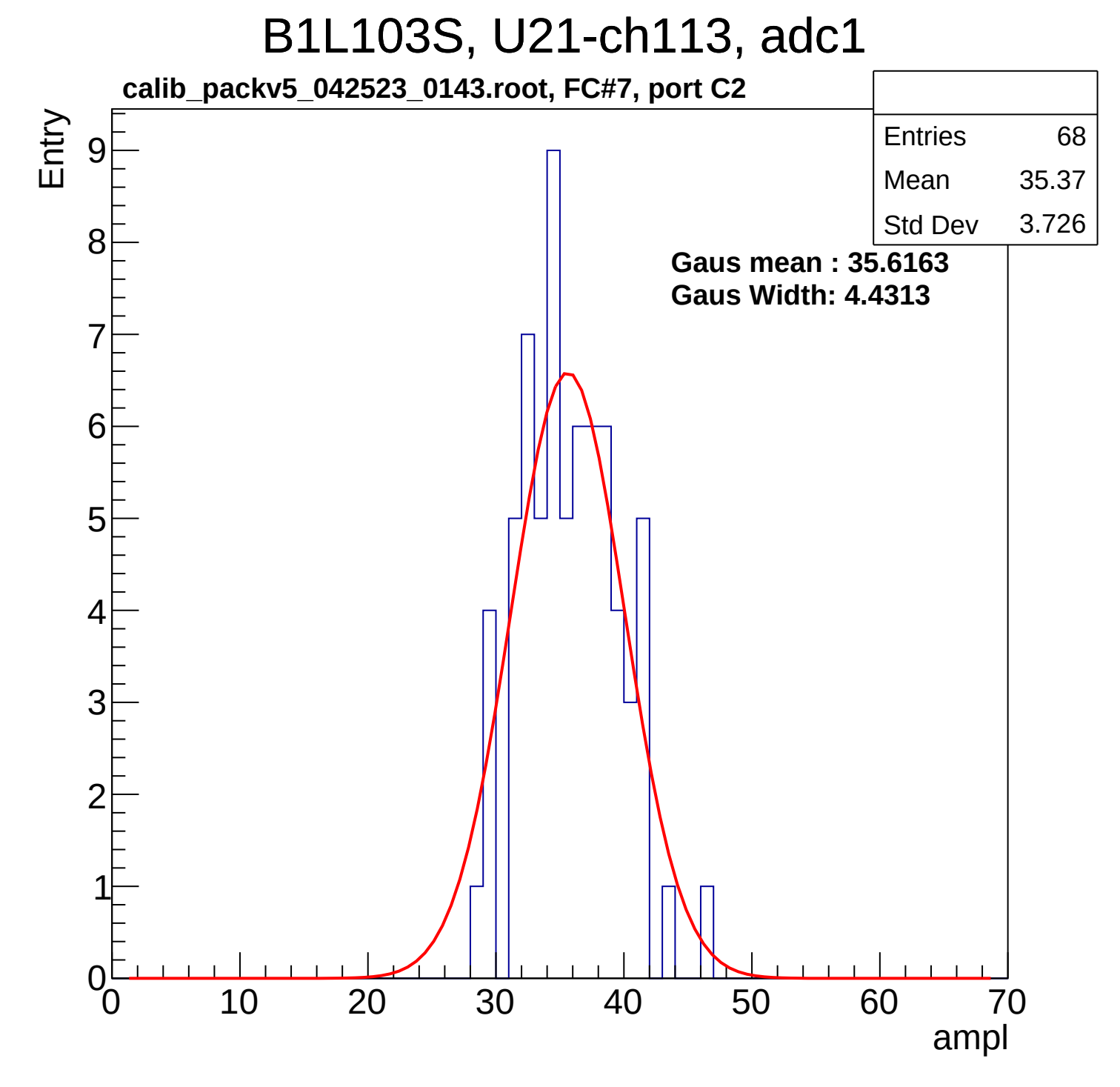

B1L103S, U21-ch112, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 57.35
Std Dev 8.47
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch112, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 16
Mean 60.25
Std Dev 2.411
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch112, adc7
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, U21-ch113, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 28.94
Std Dev 3.781
Gaus mean : 28.8148
Gaus Width: 3.9321
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U21-ch113, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 35.37
Std Dev 3.726
Gaus mean : 35.6163
Gaus Width: 4.4313
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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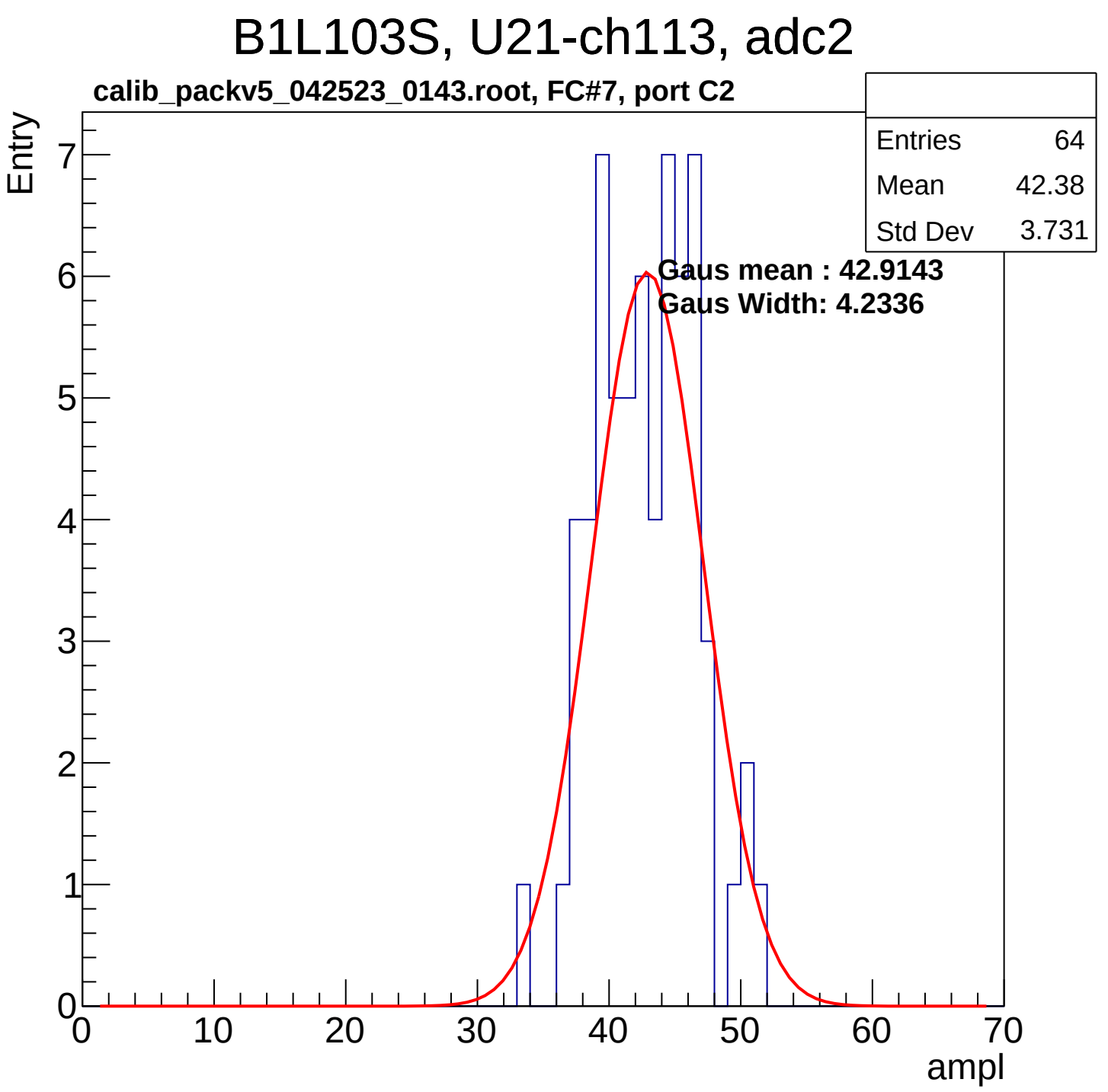
B1L103S, U21-ch113, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 42.38
Std Dev 3.731
Gaus mean : 42.9143
Gaus Width: 4.2336
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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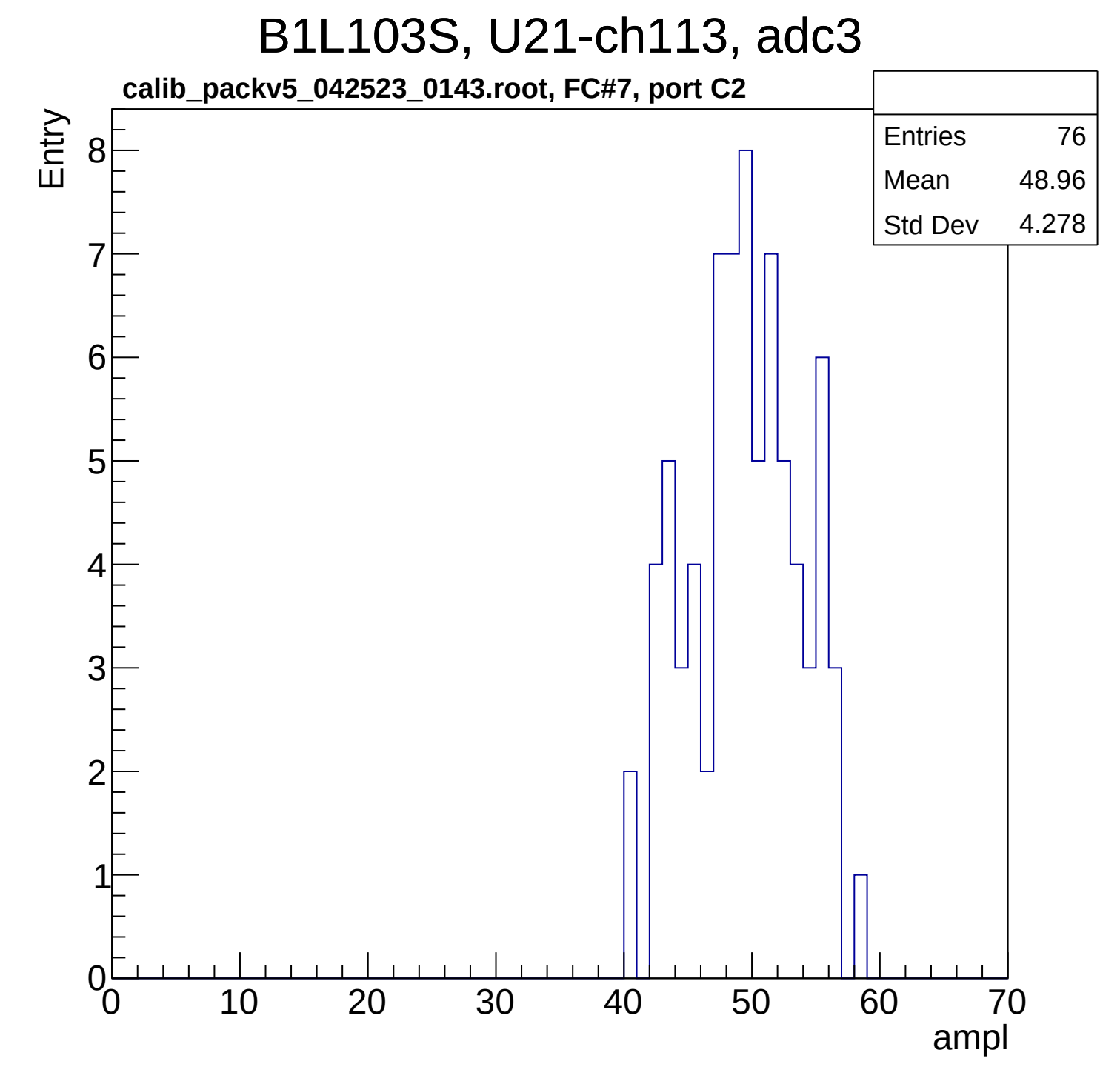
B1L103S, U21-ch113, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 48.96
Std Dev 4.278
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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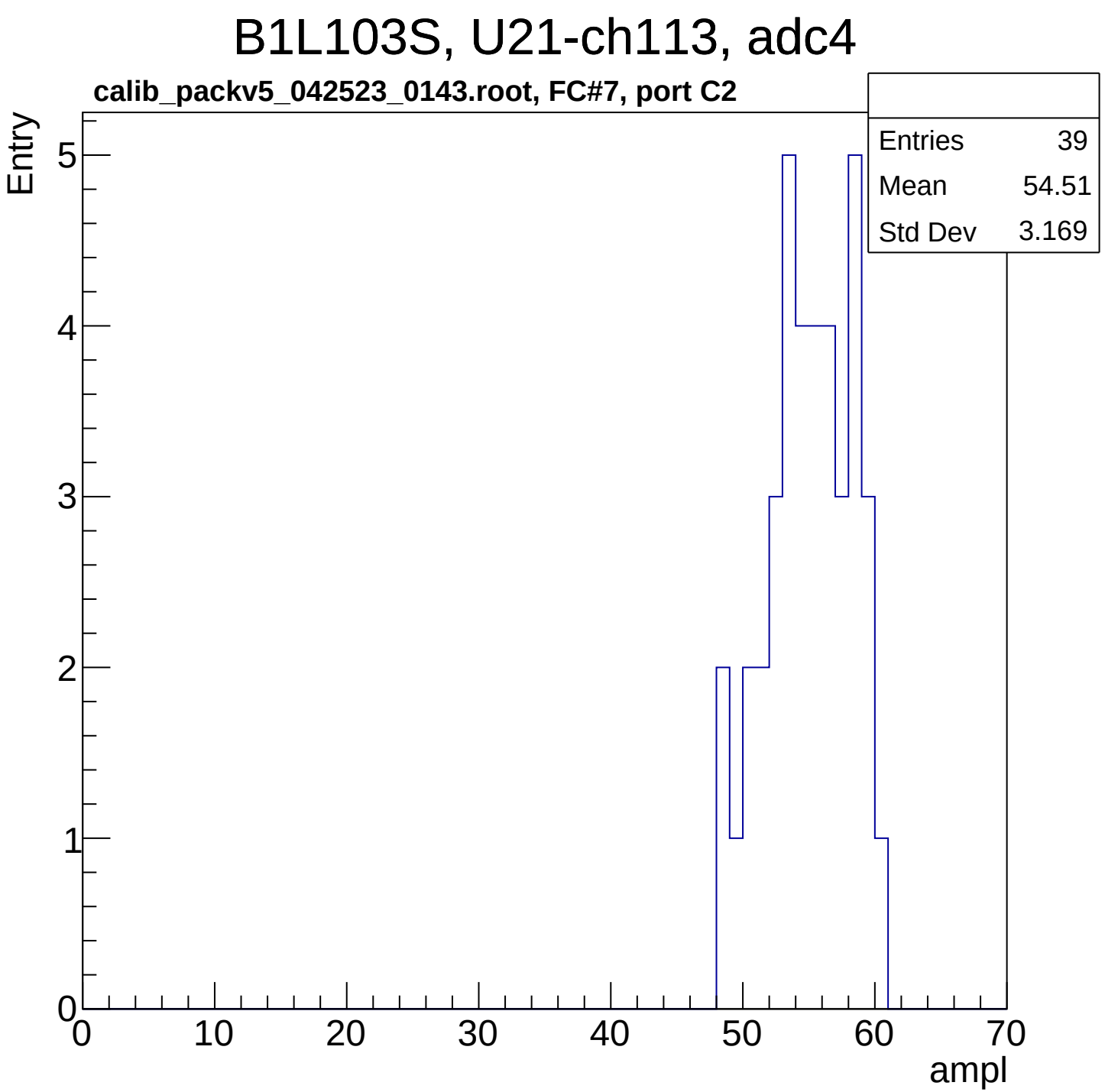
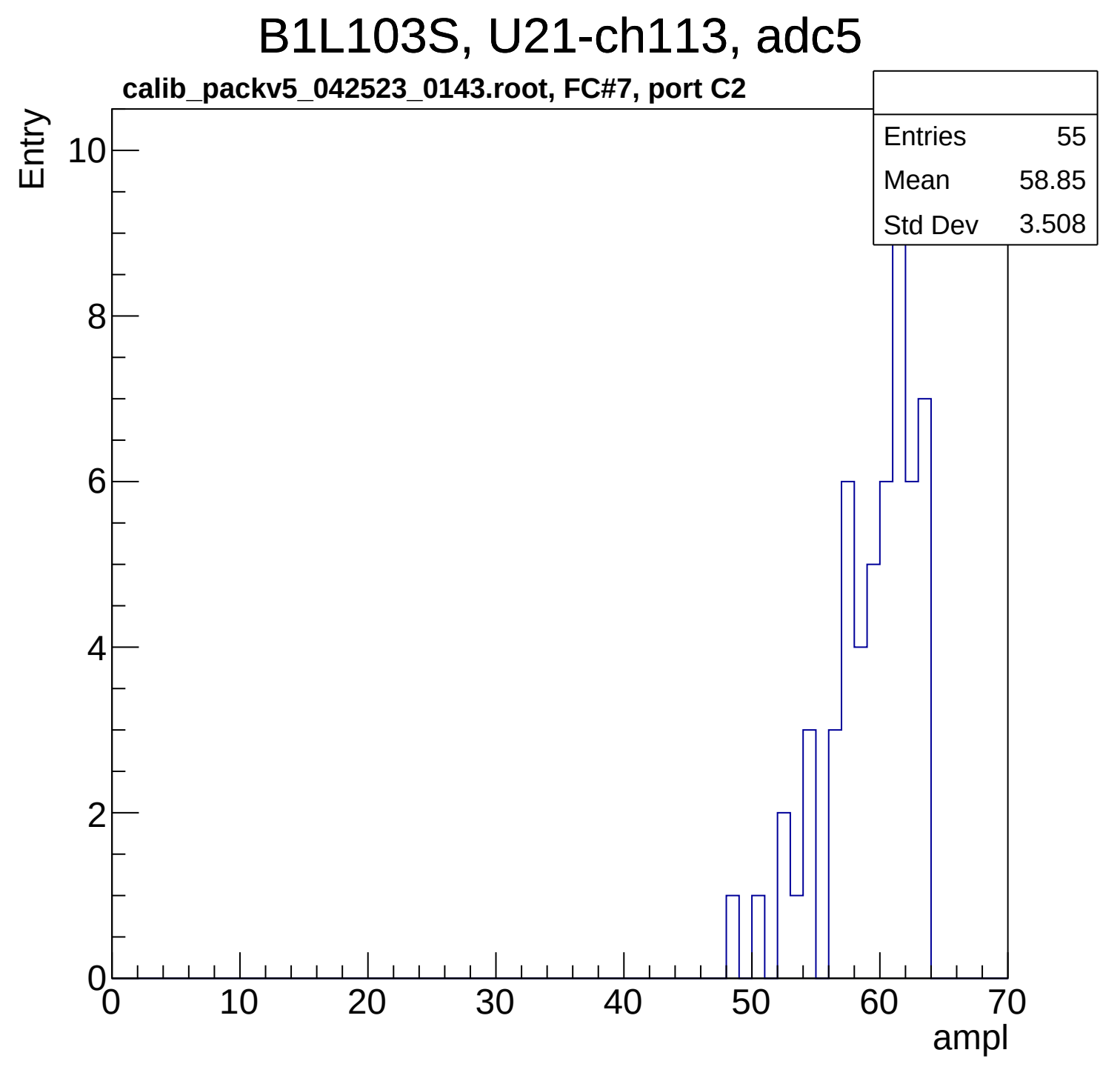
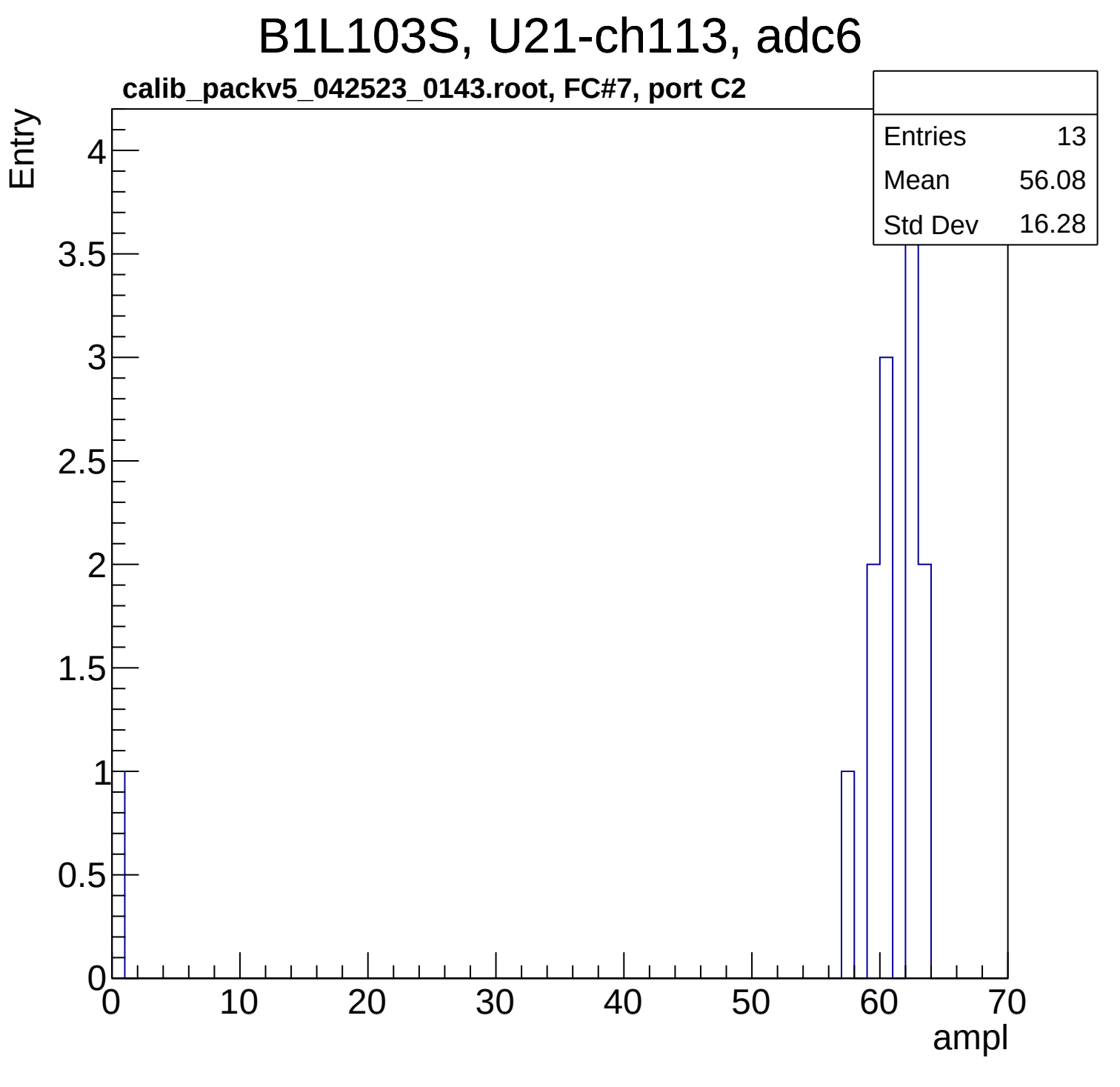

B1L103S, U21-ch113, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 39
Mean 54.51
Std Dev 3.169
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch113, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 55
Mean 58.85
Std Dev 3.508
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L103S, U21-ch113, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 13
Mean 56.08
Std Dev 16.28
Entry
ampl
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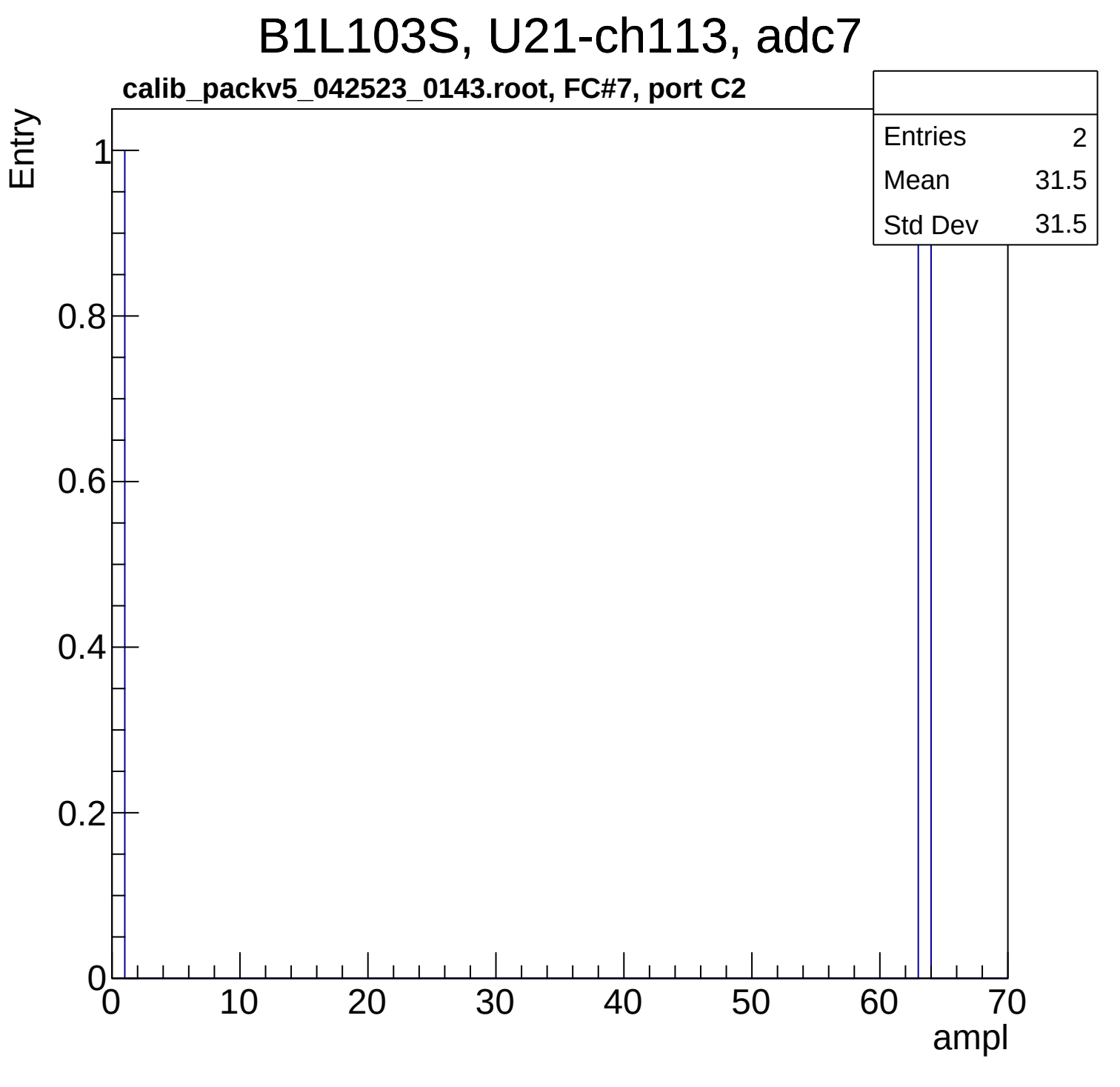
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L103S, U21-ch113, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 31.5
Std Dev 31.5
Entry
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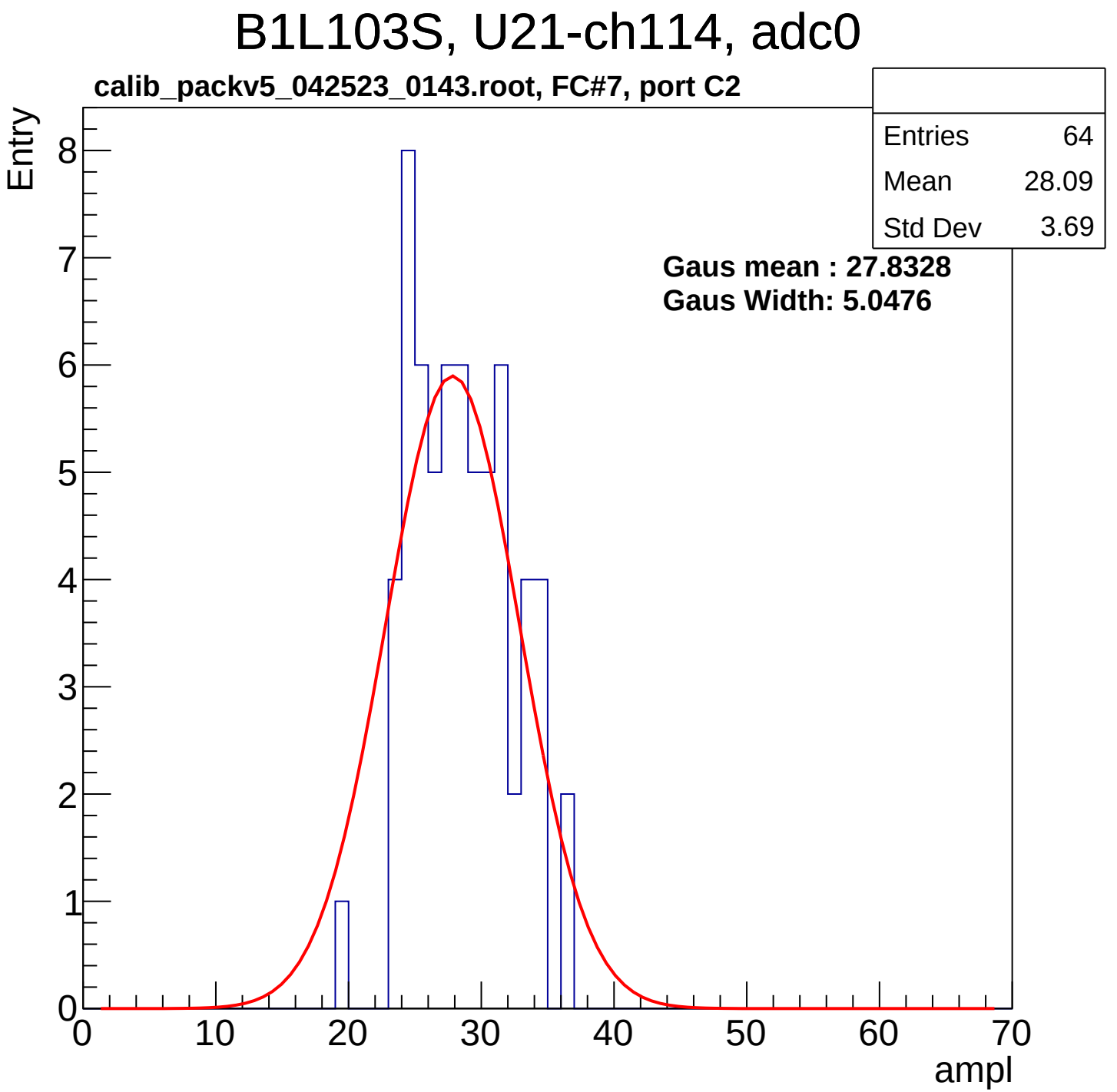
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch114, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 28.09
Std Dev 3.69
Gaus mean : 27.8328
Gaus Width: 5.0476
Entry
ampl
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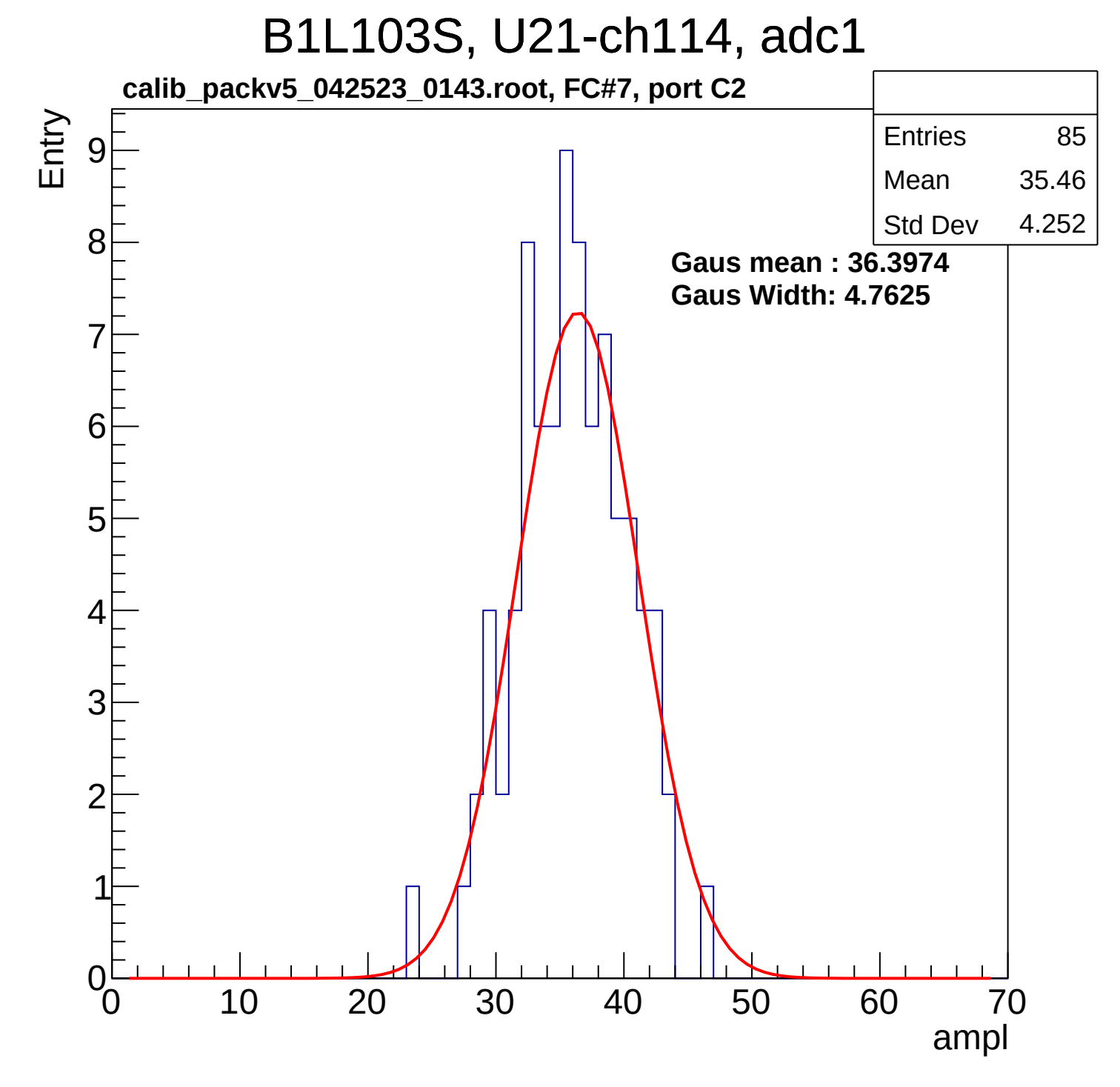
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch114, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 85
Mean 35.46
Std Dev 4.252
Gaus mean : 36.3974
Gaus Width: 4.7625
Entry
ampl
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2
3
4
5
6
7
8
9
0
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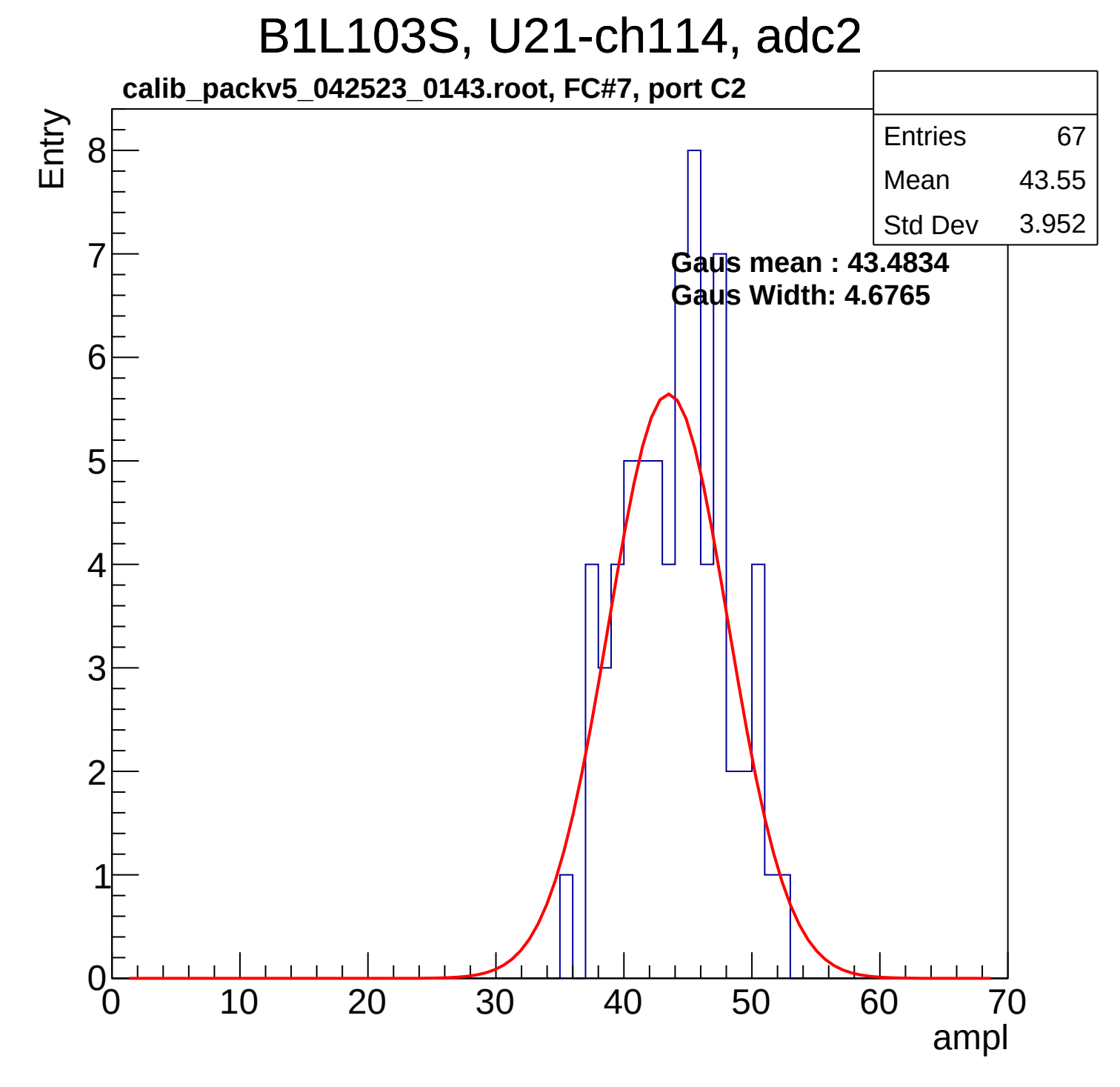
20
30
40
50
60
70


B1L103S, U21-ch114, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 43.55
Std Dev 3.952
Gaus mean : 43.4834
Gaus Width: 4.6765
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
30
40
50
60
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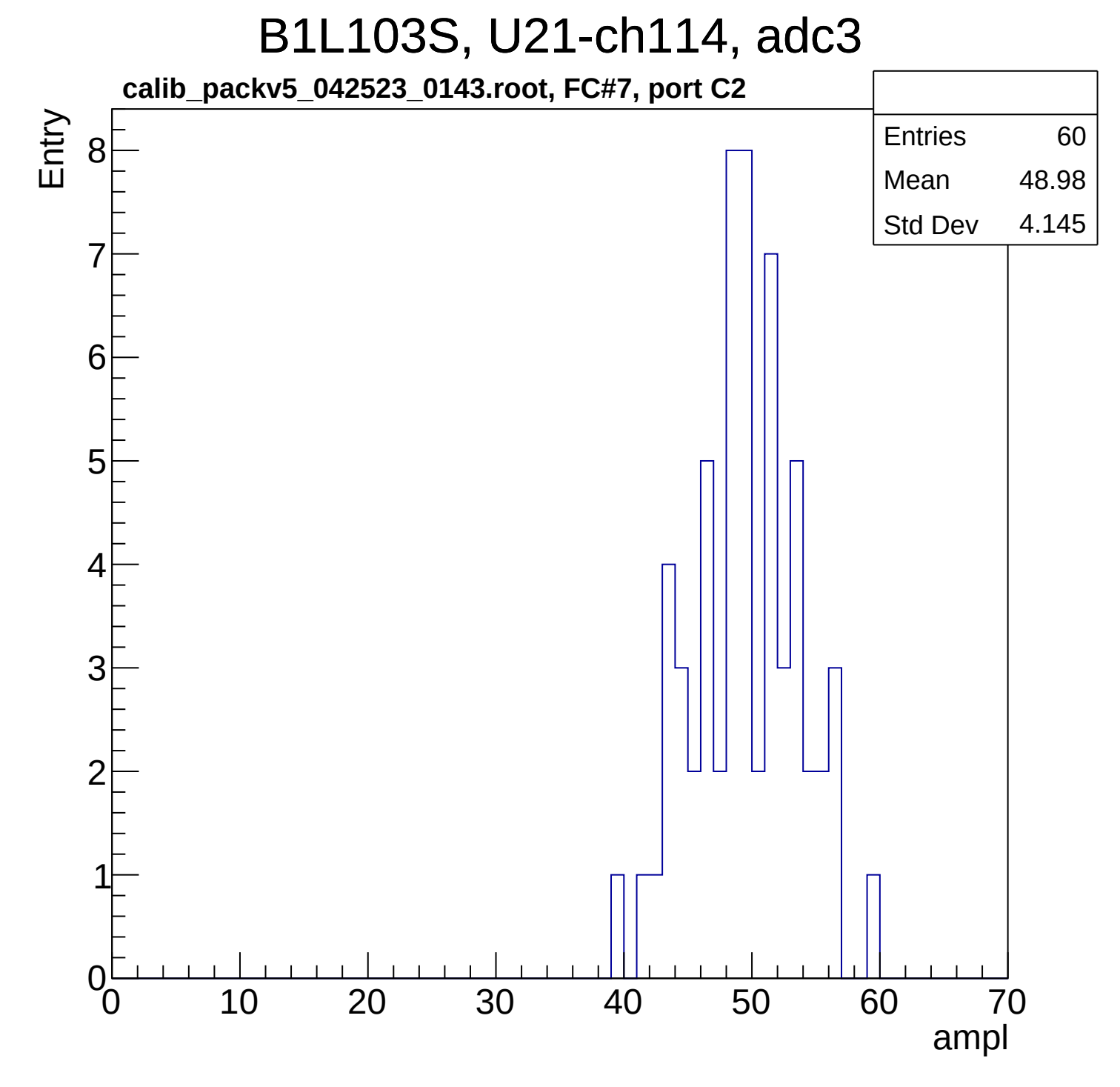
B1L103S, U21-ch114, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 48.98
Std Dev 4.145
Entry
ampl
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1
2
3
4
5
6
7
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0
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60
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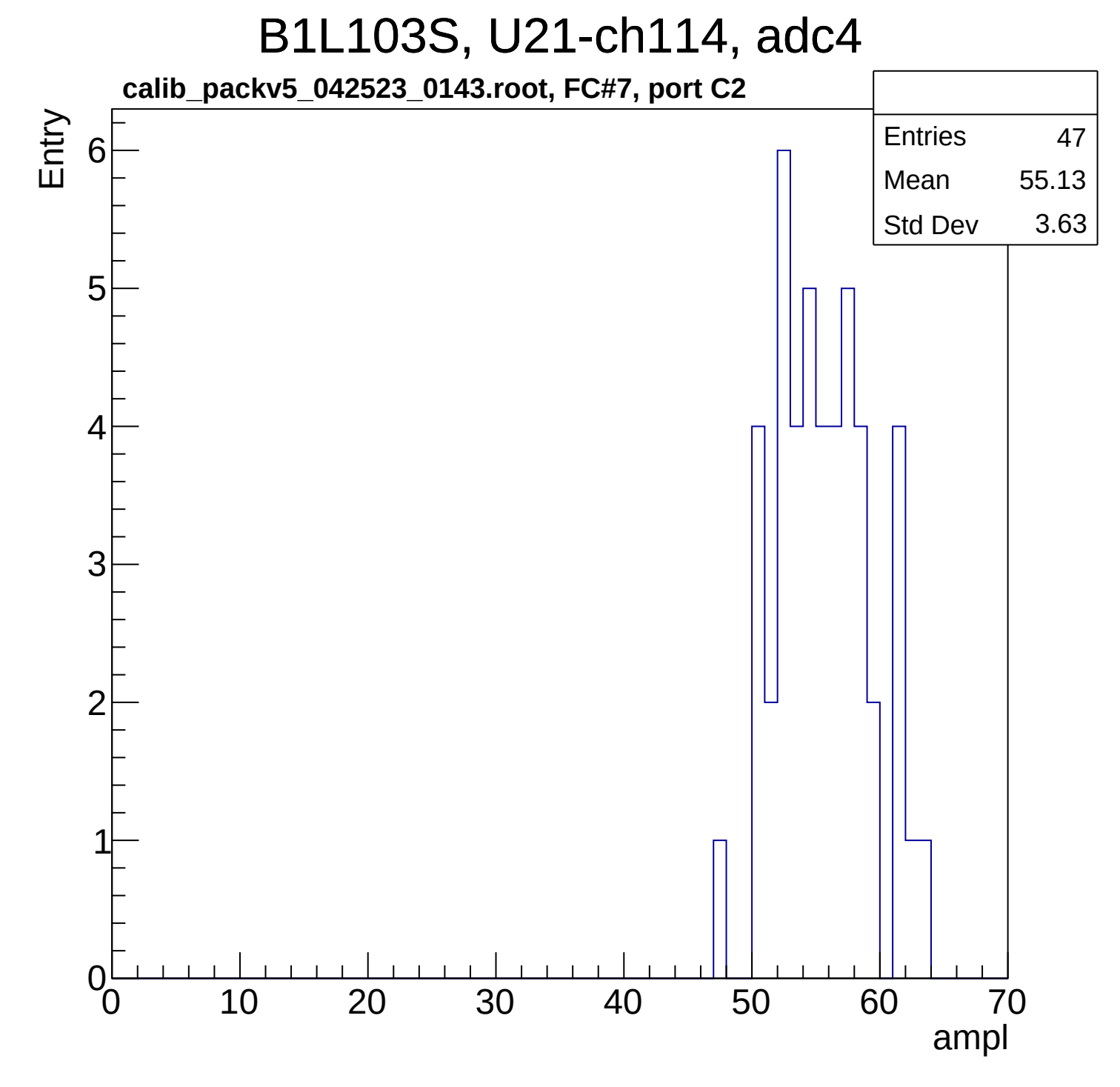
B1L103S, U21-ch114, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 47
Mean 55.13
Std Dev 3.63
Entry
ampl
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1
2
3
4
5
6
0
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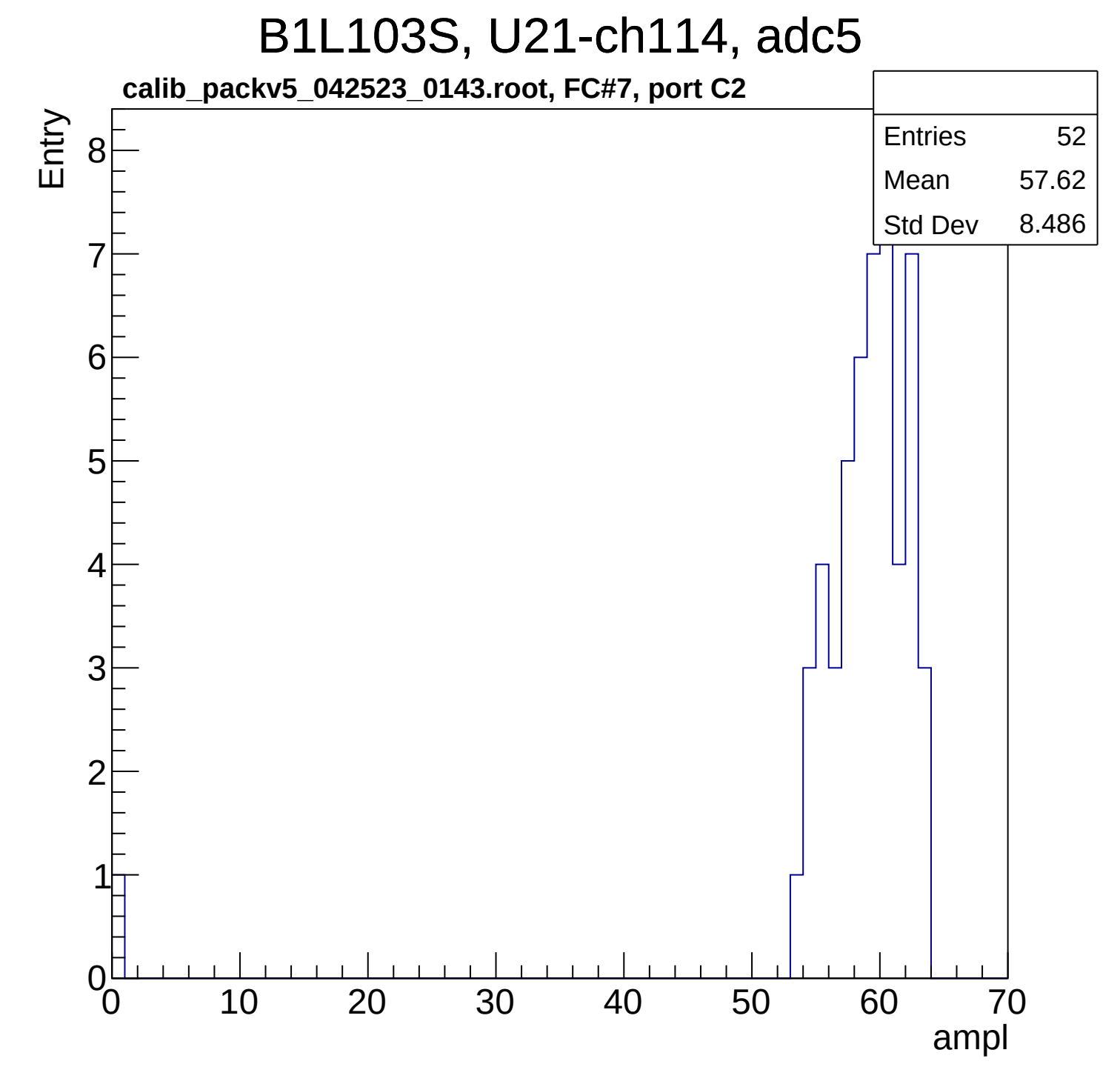
20
30
40
50
60
70


B1L103S, U21-ch114, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 52
Mean 57.62
Std Dev 8.486
Entry
ampl
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0
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40
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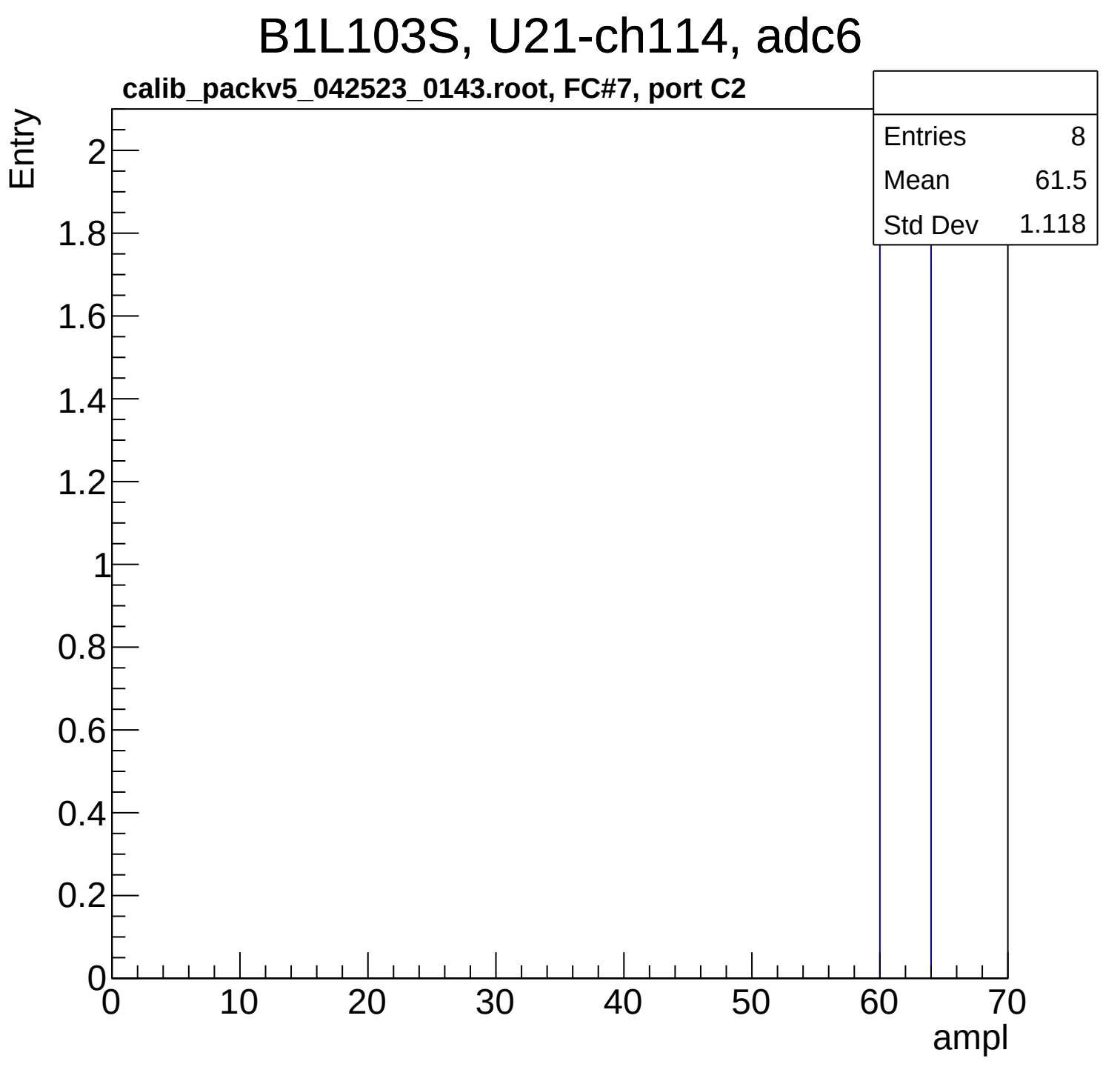
60
70


B1L103S, U21-ch114, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 8
Mean 61.5
Std Dev 1.118
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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20
30
40
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60
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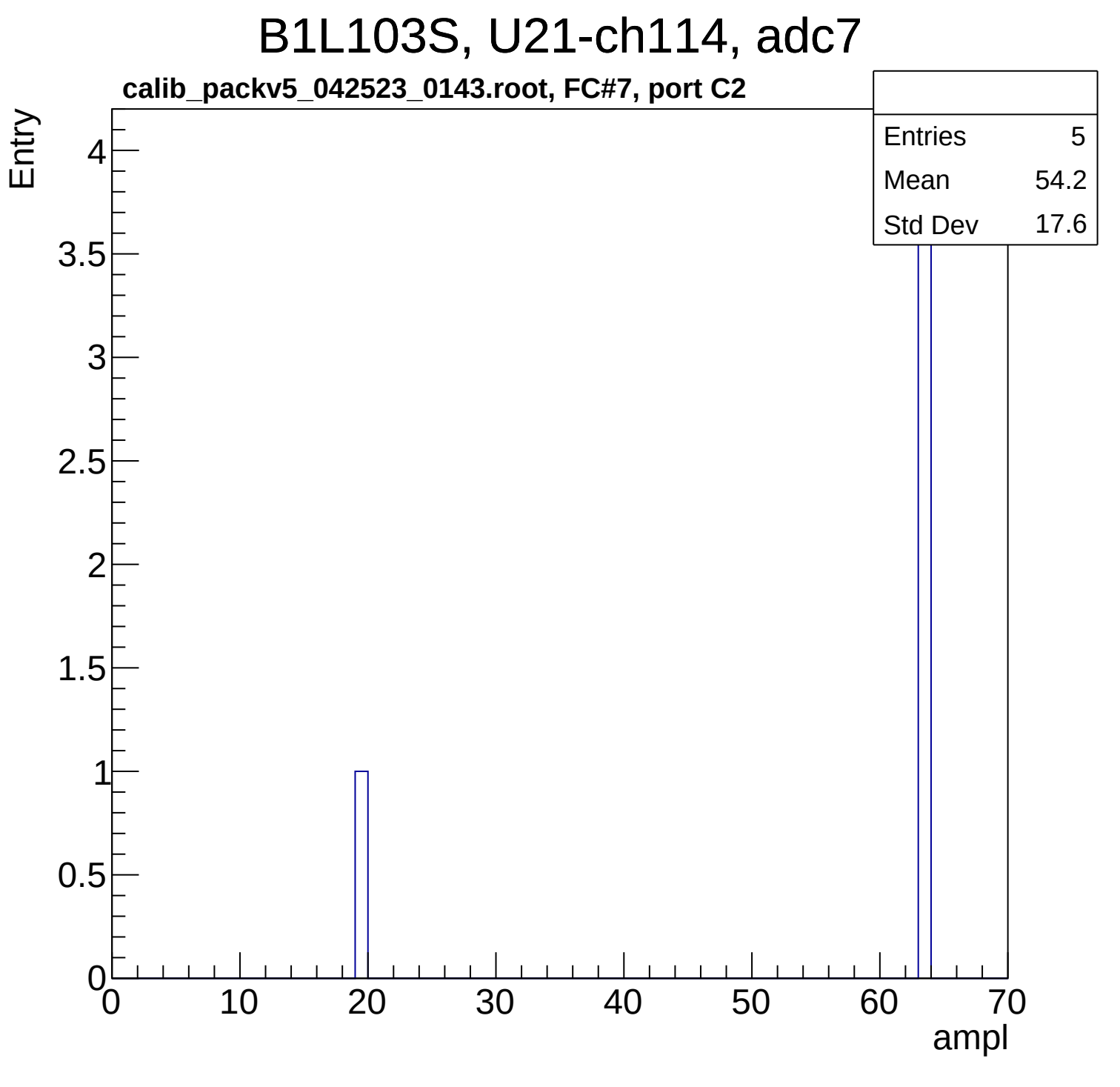
B1L103S, U21-ch114, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 54.2
Std Dev 17.6
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
4
0
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20
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40
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60
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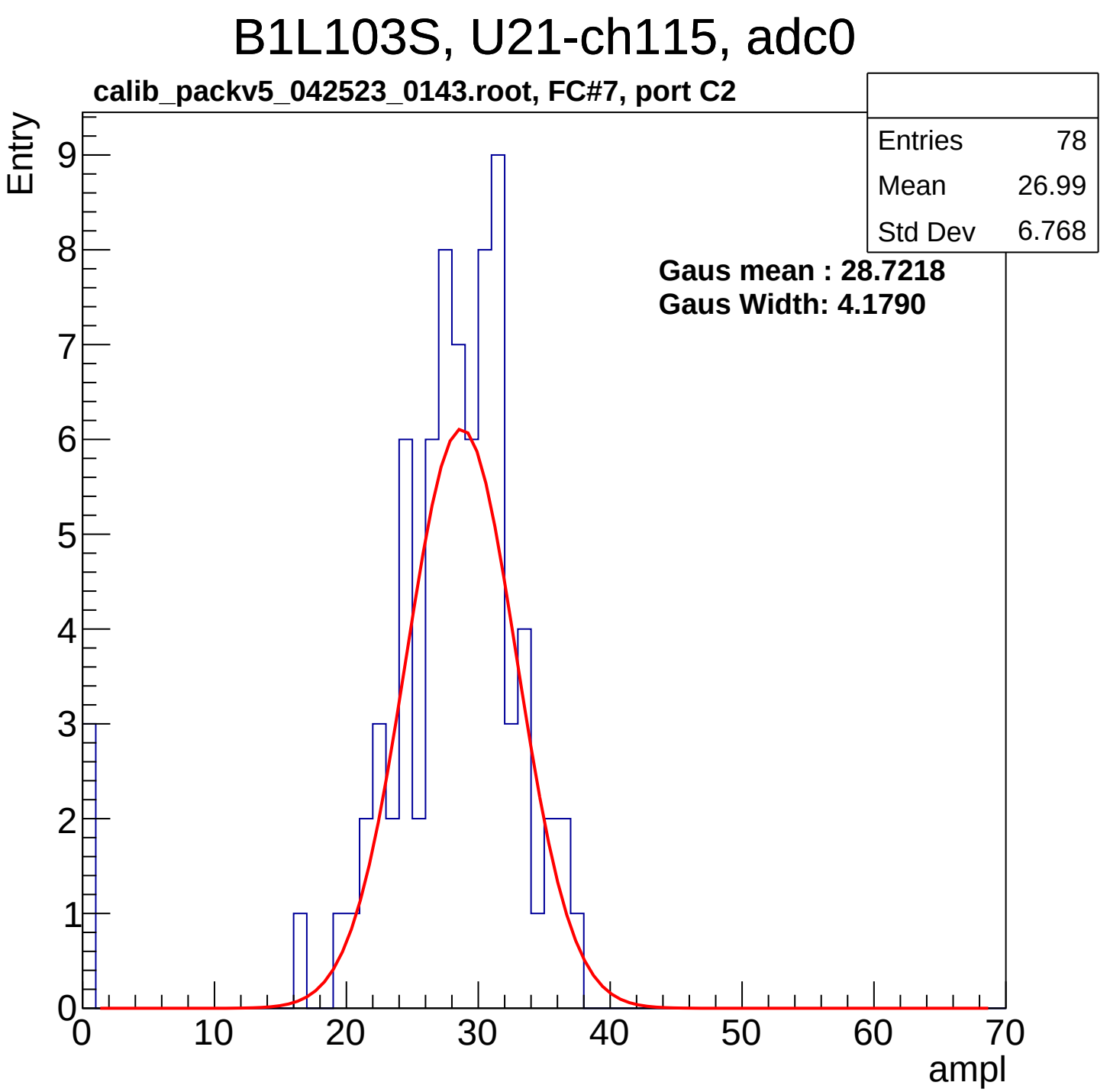
B1L103S, U21-ch115, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 78
Mean 26.99
Std Dev 6.768
Gaus mean : 28.7218
Gaus Width: 4.1790
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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60
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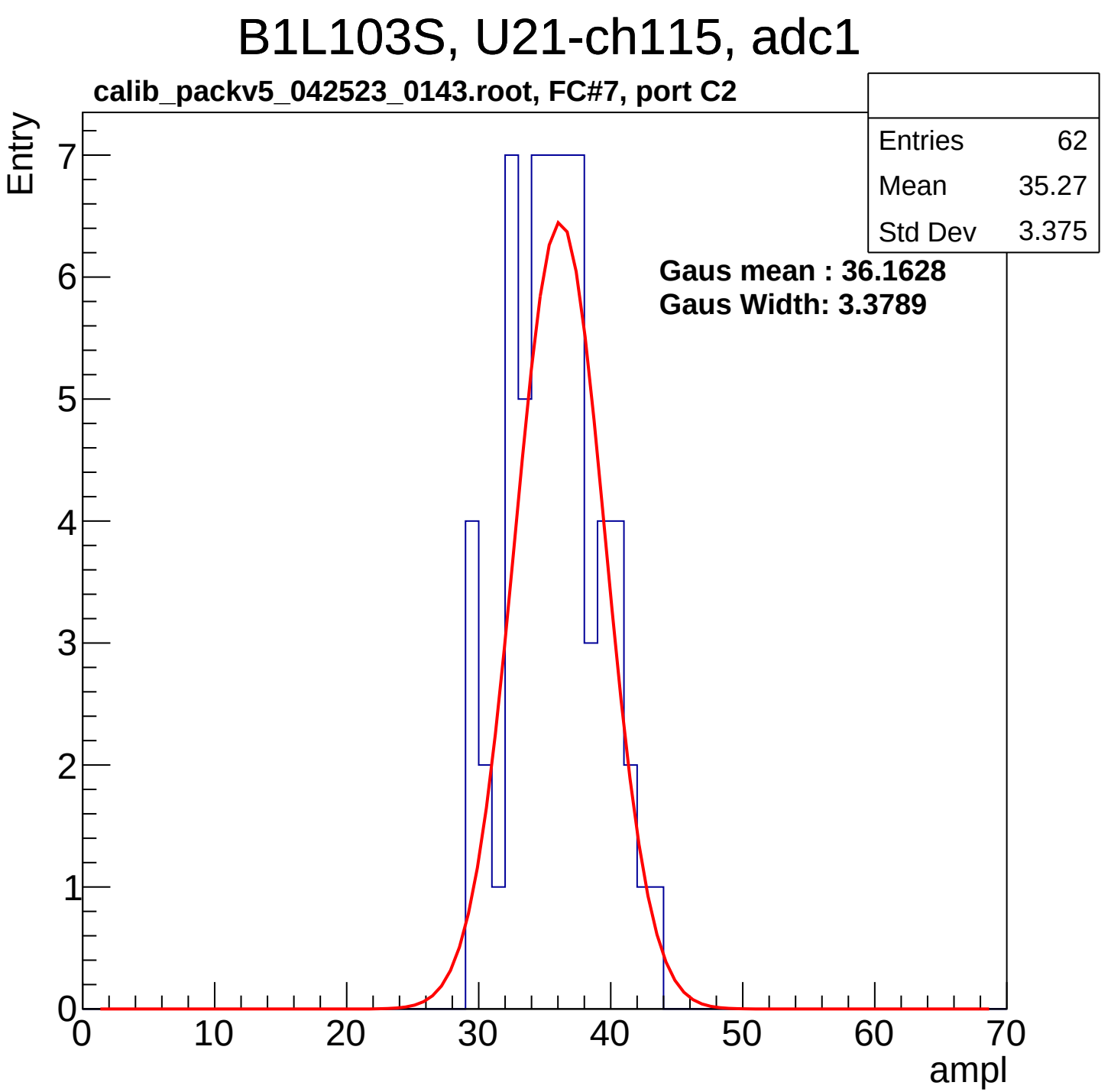
B1L103S, U21-ch115, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 35.27
Std Dev 3.375
Gaus mean : 36.1628
Gaus Width: 3.3789
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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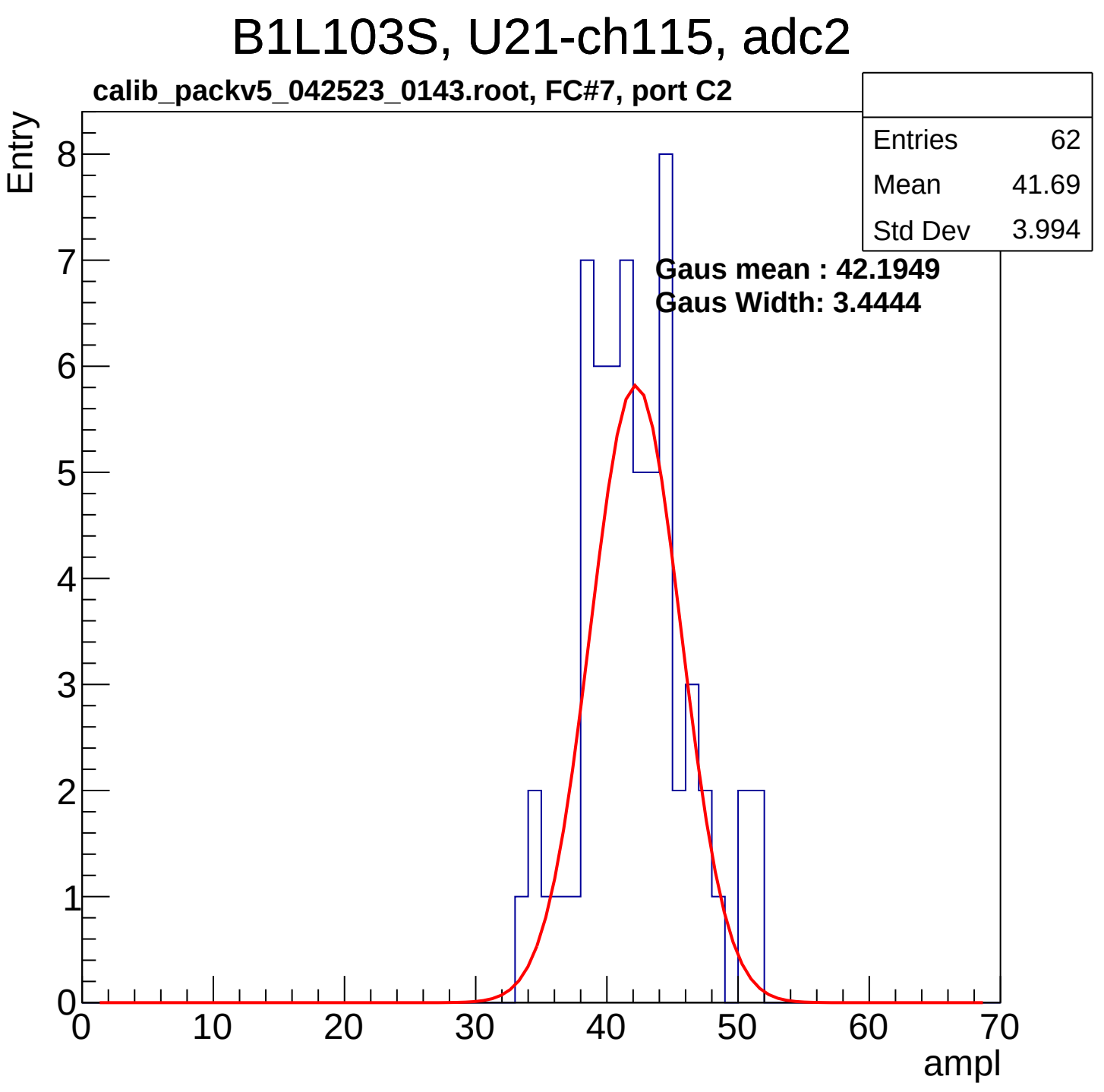
B1L103S, U21-ch115, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 41.69
Std Dev 3.994
Gaus mean : 42.1949
Gaus Width: 3.4444
Entry
ampl
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2
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7
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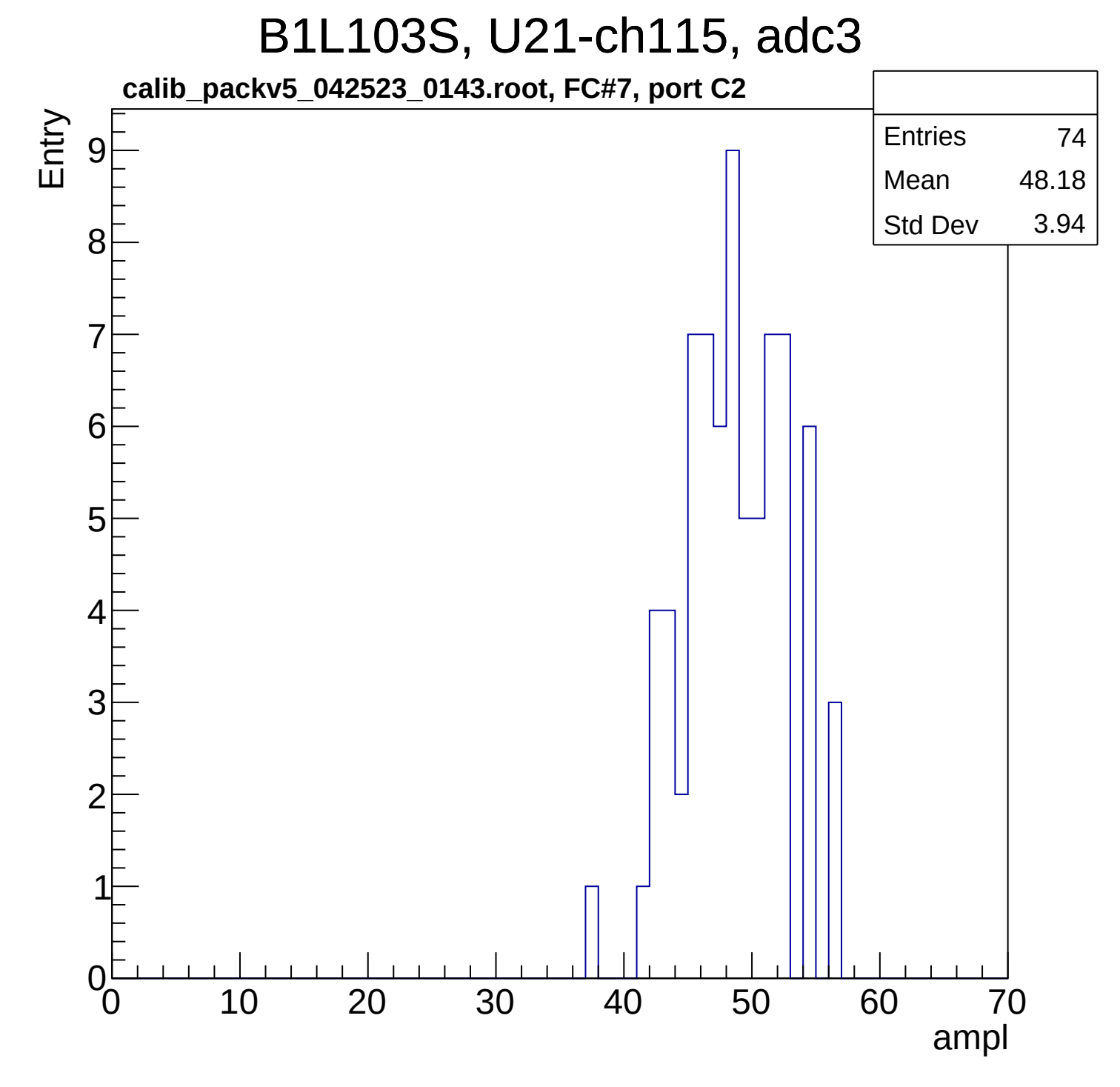
B1L103S, U21-ch115, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 74
Mean 48.18
Std Dev 3.94
Entry
ampl
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3
4
5
6
7
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0
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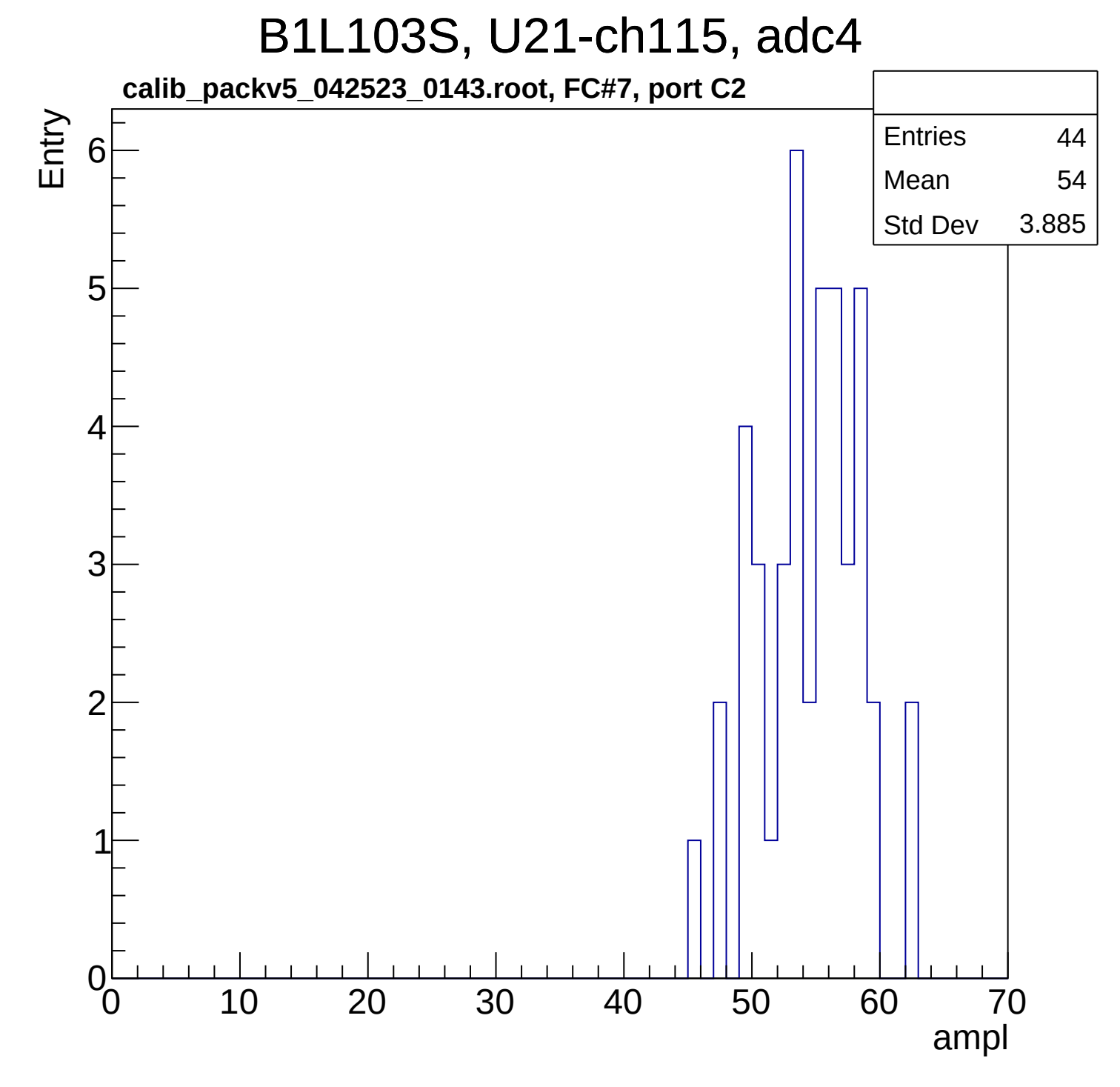
B1L103S, U21-ch115, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 44
Mean 54
Std Dev 3.885
Entry
ampl
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3
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40
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60
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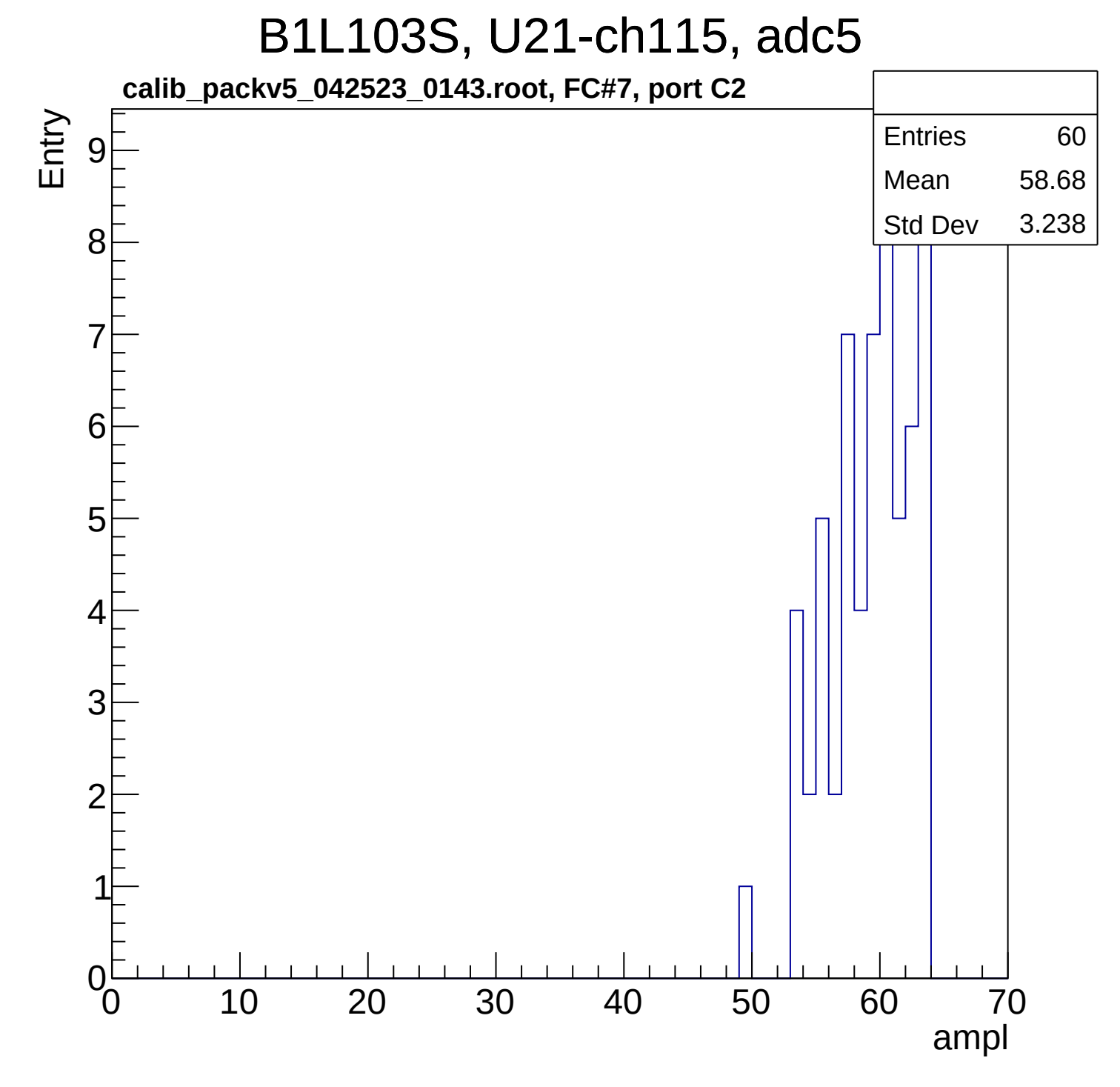
B1L103S, U21-ch115, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 58.68
Std Dev 3.238
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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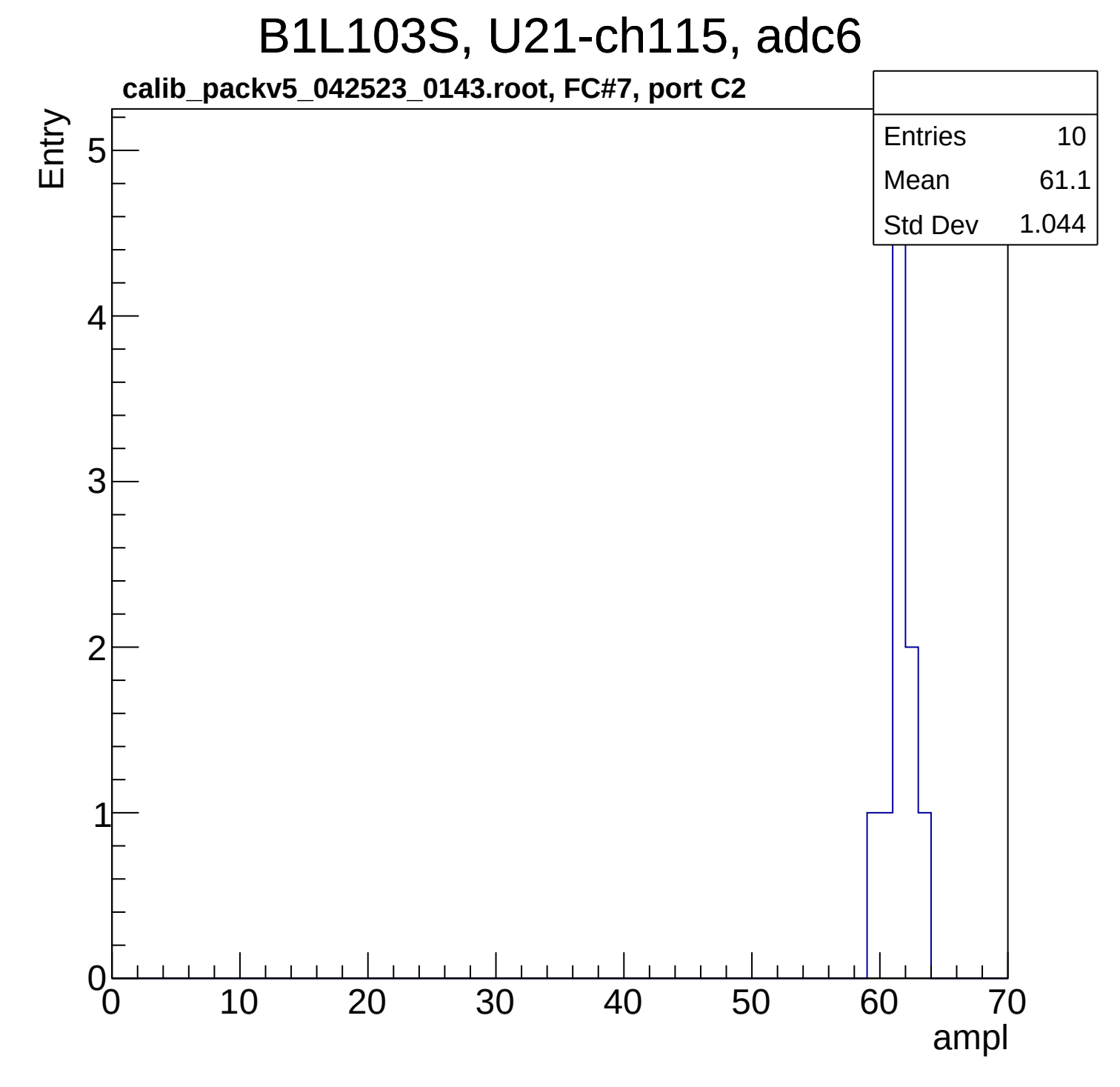
40
50
60
70


B1L103S, U21-ch115, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 10
Mean 61.1
Std Dev 1.044
Entry
ampl
0
1
2
3
4
5
0
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20
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40
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60
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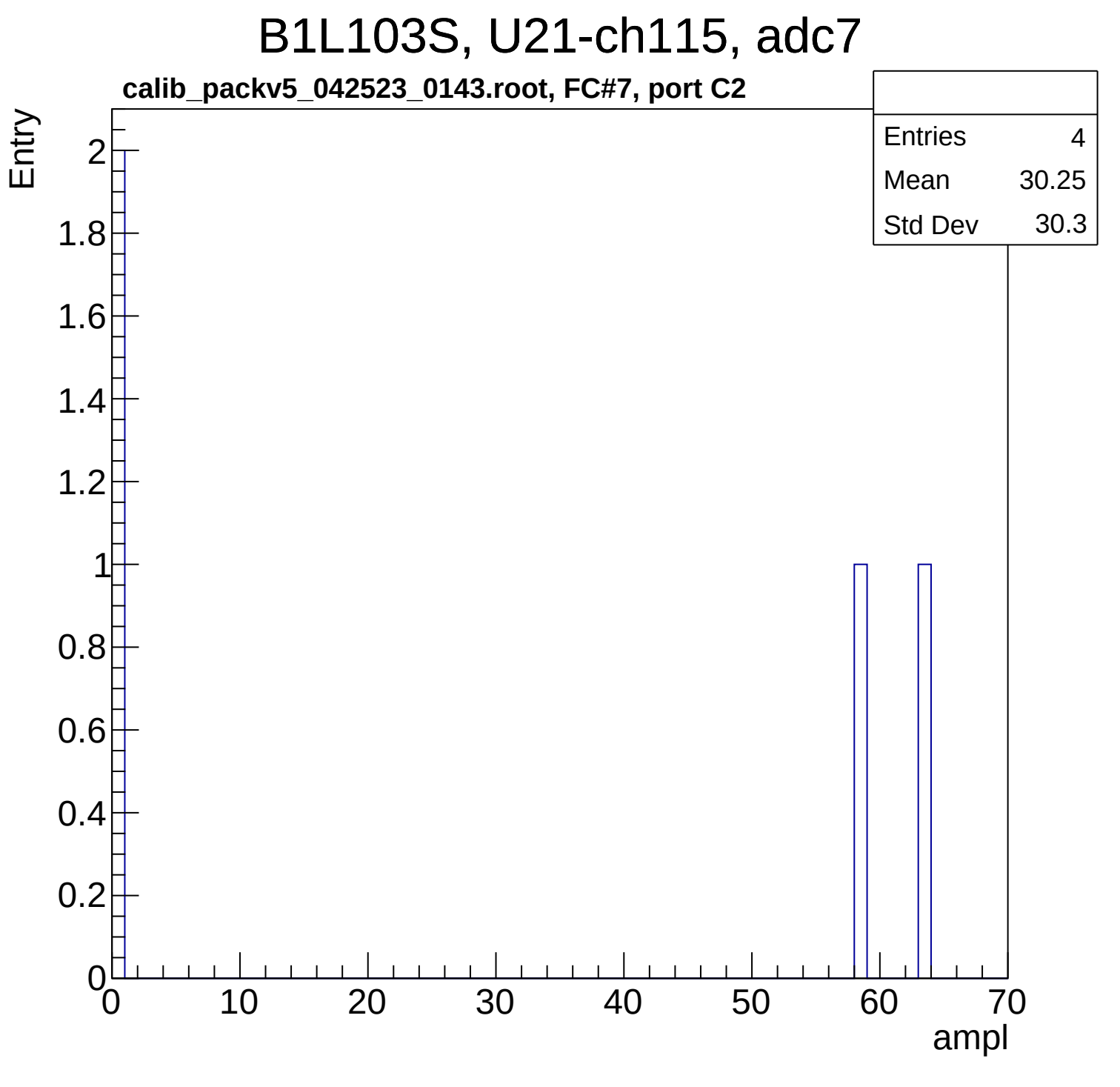
B1L103S, U21-ch115, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 4
Mean 30.25
Std Dev 30.3
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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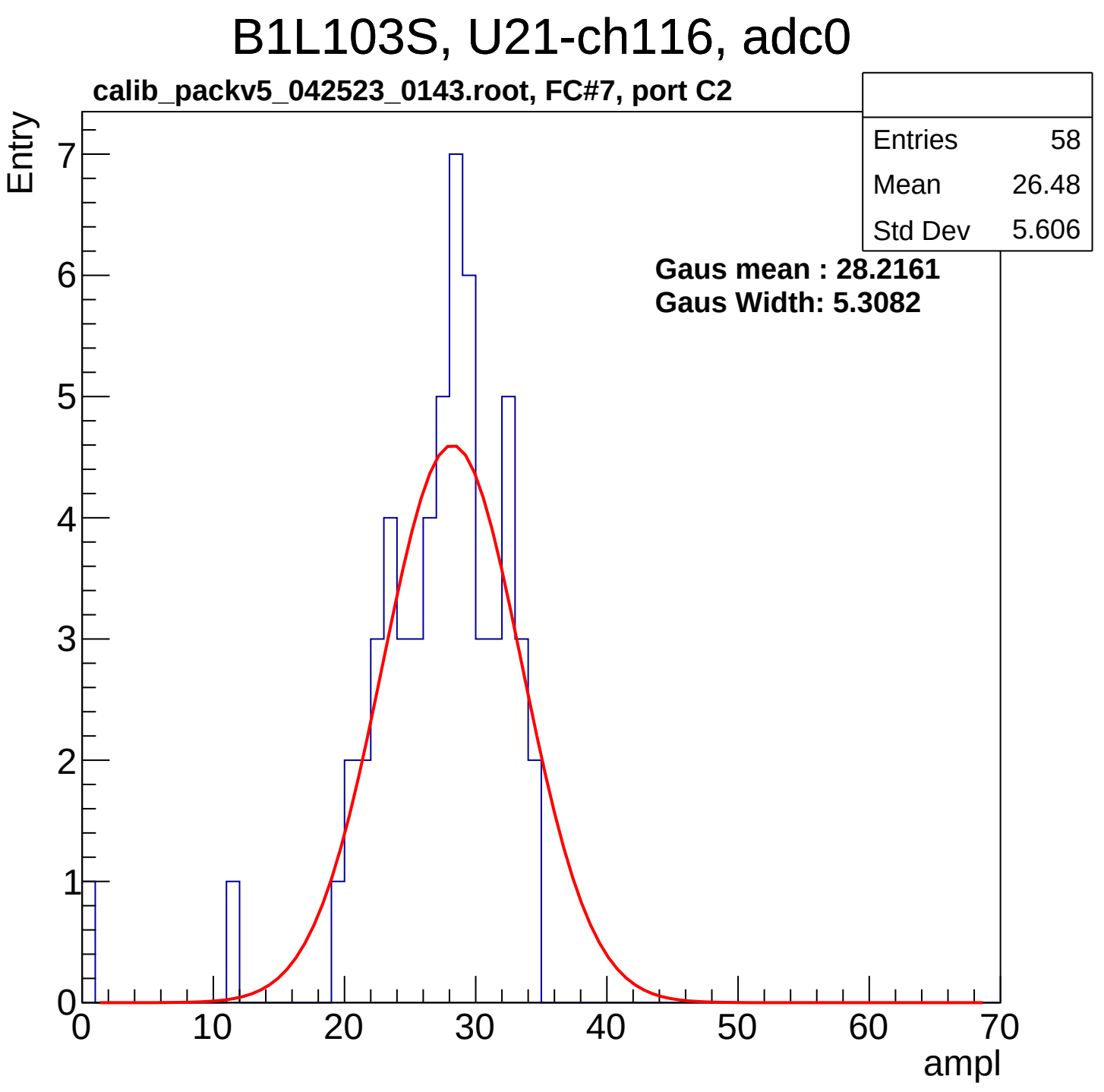
B1L103S, U21-ch116, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 26.48
Std Dev 5.606
Gaus mean : 28.2161
Gaus Width: 5.3082
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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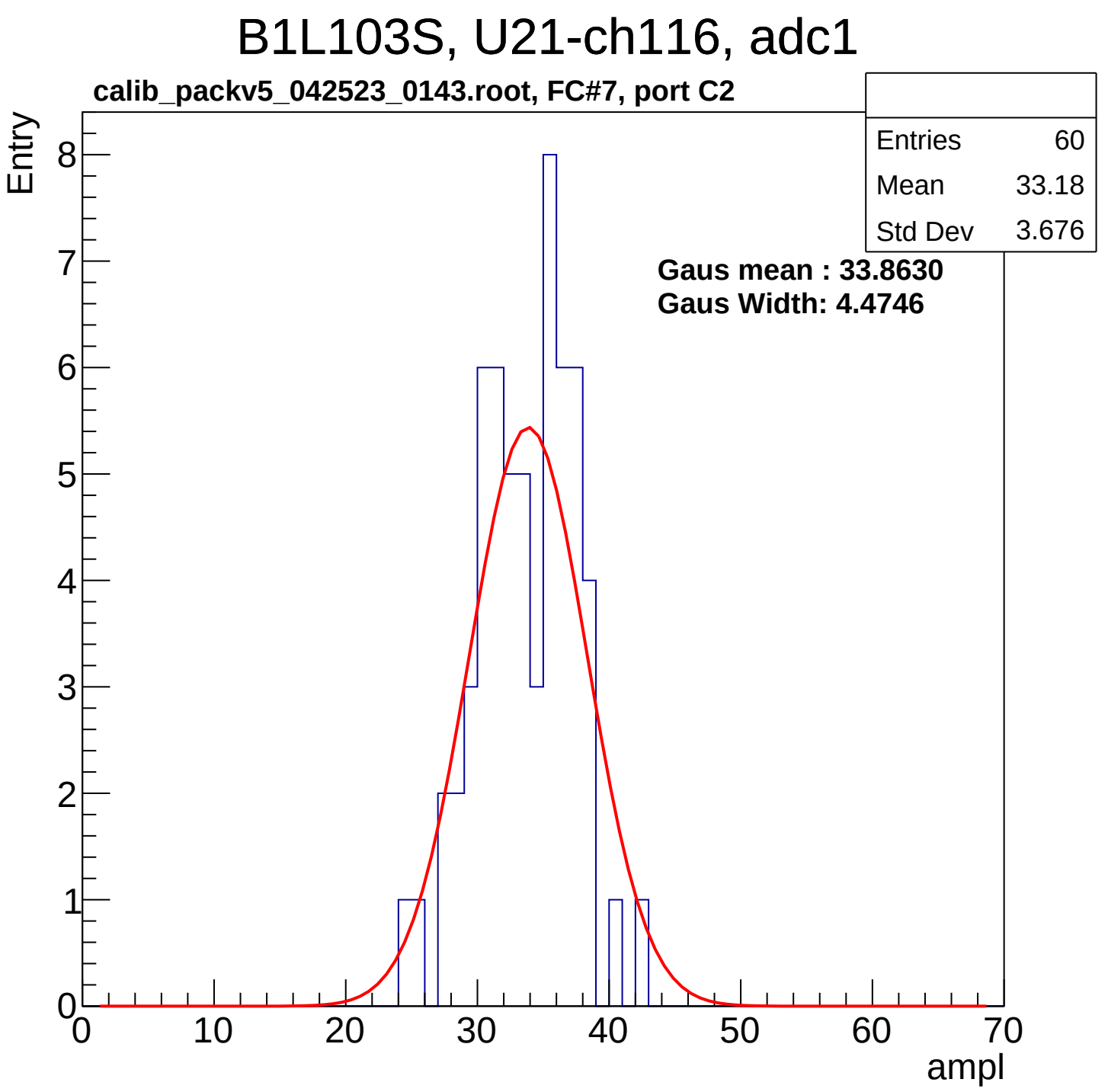
B1L103S, U21-ch116, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 60
Mean 33.18
Std Dev 3.676
Gaus mean : 33.8630
Gaus Width: 4.4746
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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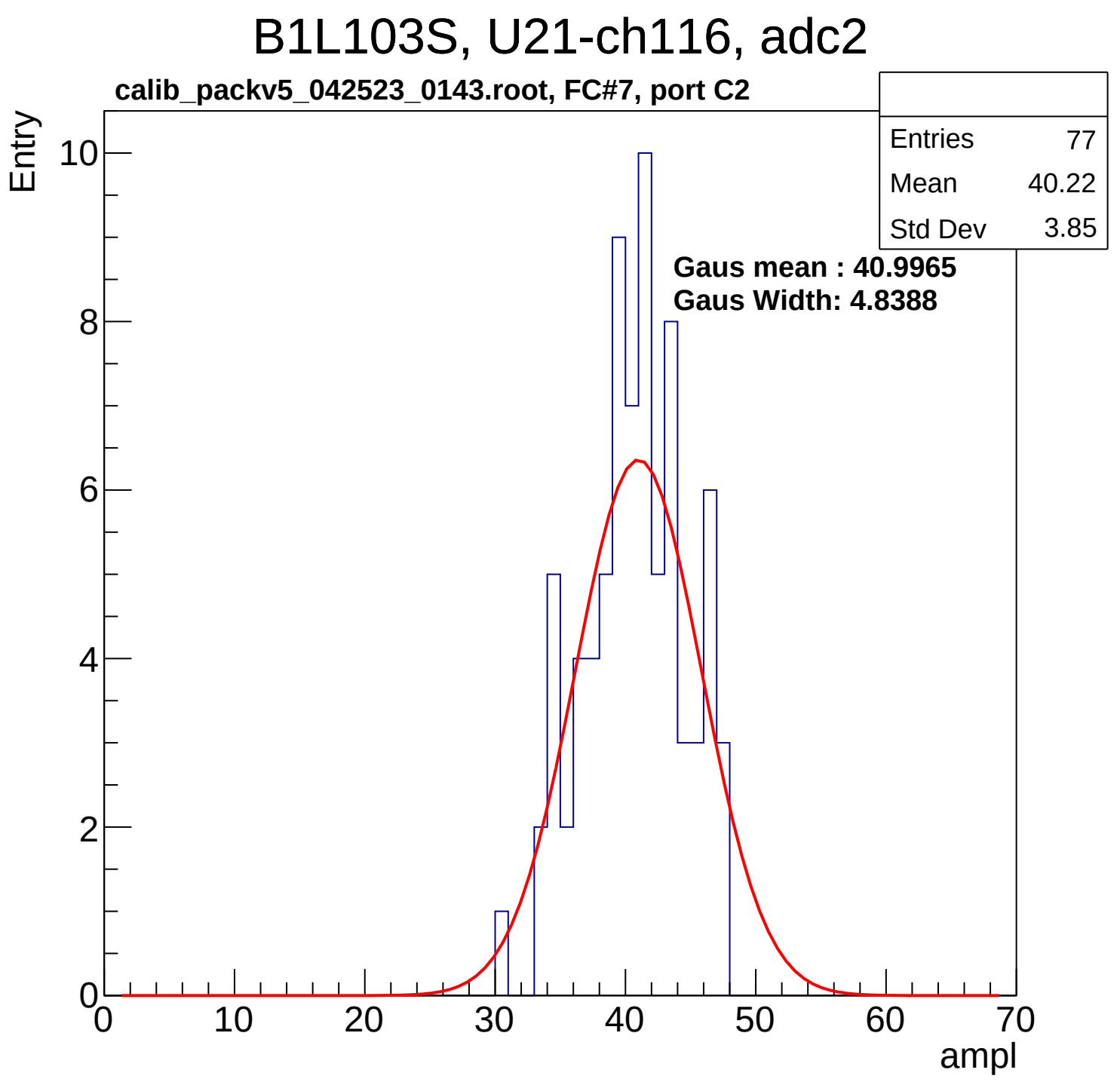
B1L103S, U21-ch116, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 77
Mean 40.22
Std Dev 3.85
Gaus mean : 40.9965
Gaus Width: 4.8388
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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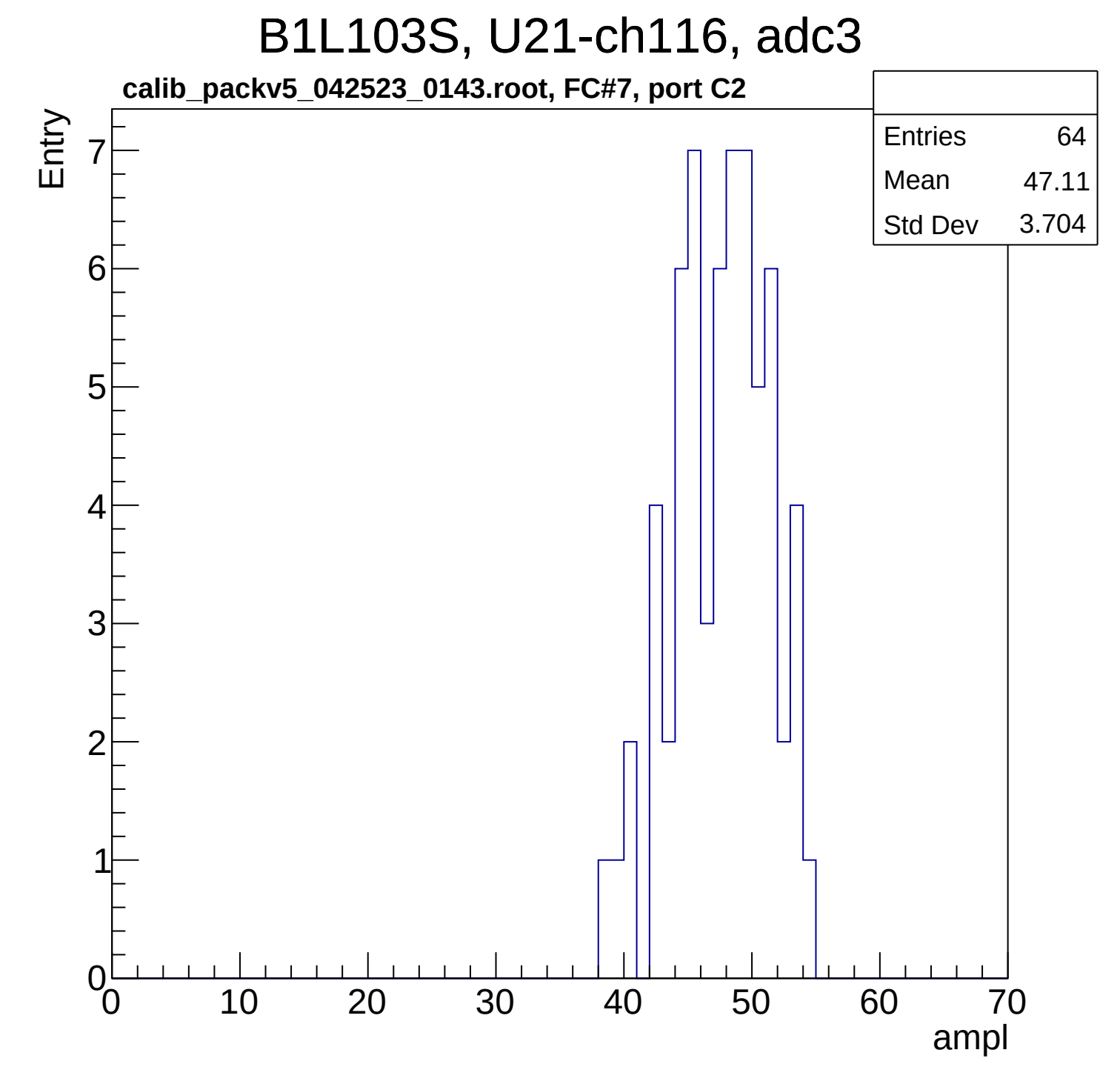
B1L103S, U21-ch116, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 64
Mean 47.11
Std Dev 3.704
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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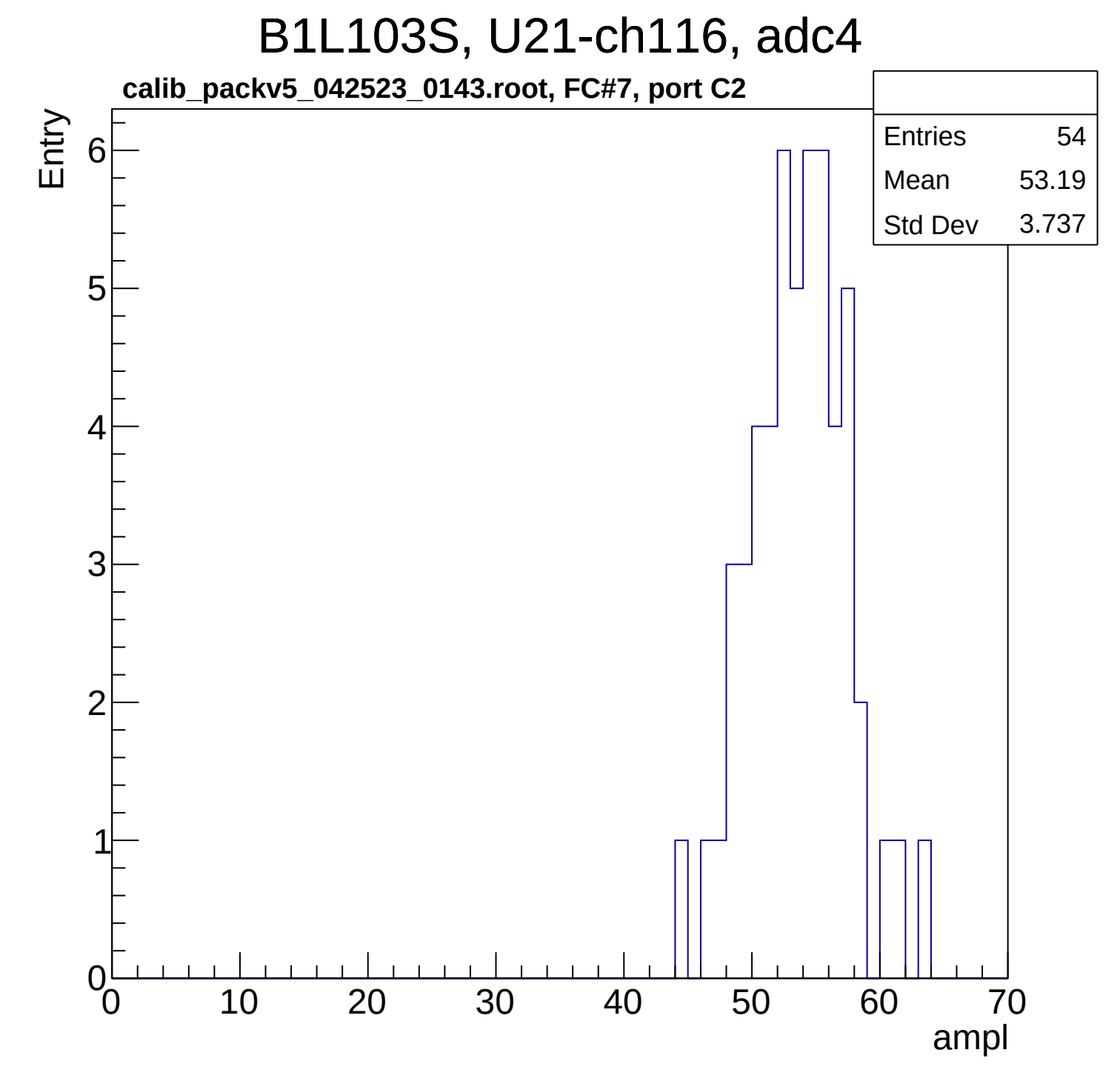
B1L103S, U21-ch116, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 53.19
Std Dev 3.737
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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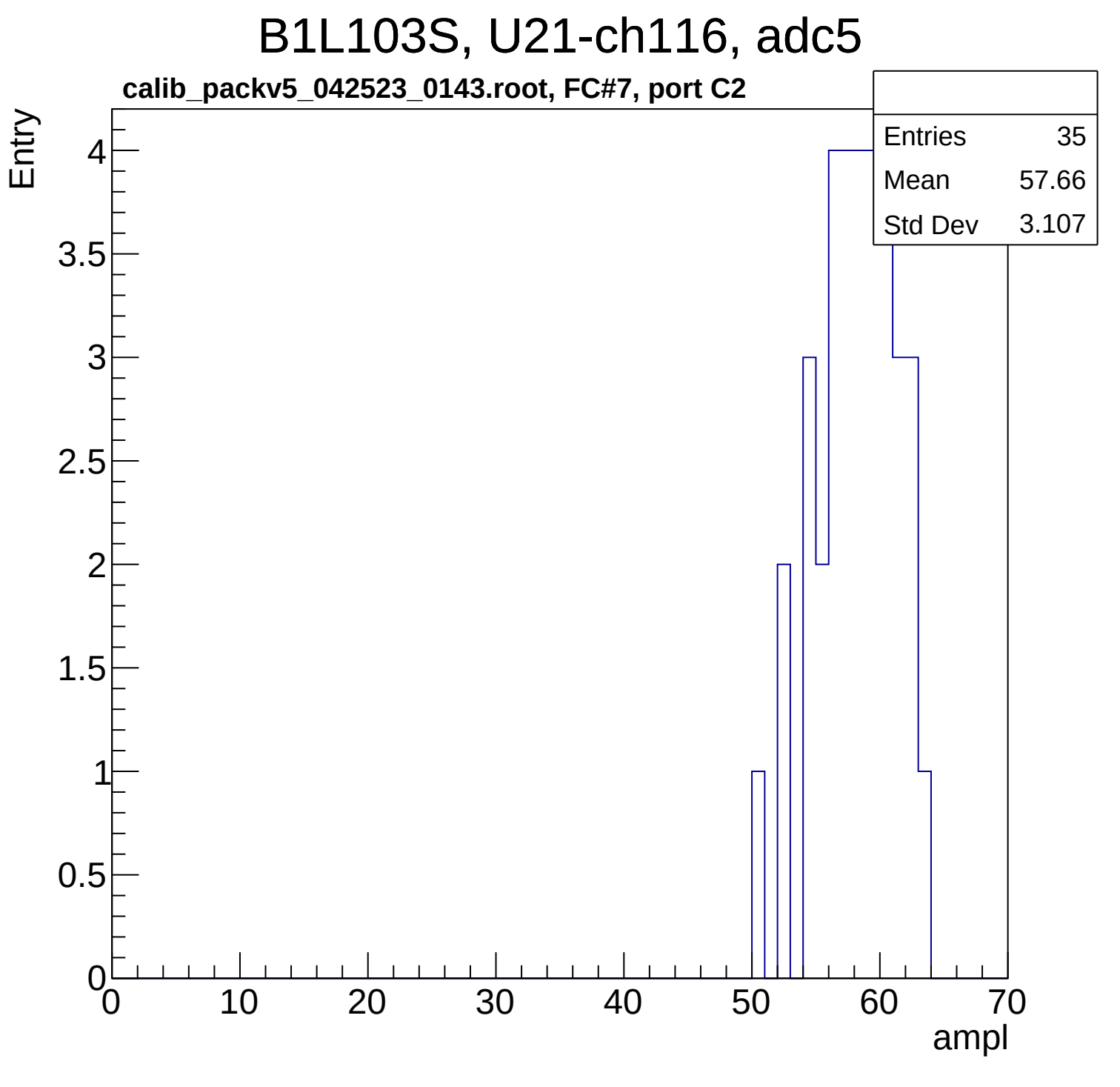
B1L103S, U21-ch116, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 35
Mean 57.66
Std Dev 3.107
Entry
ampl
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0.5
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1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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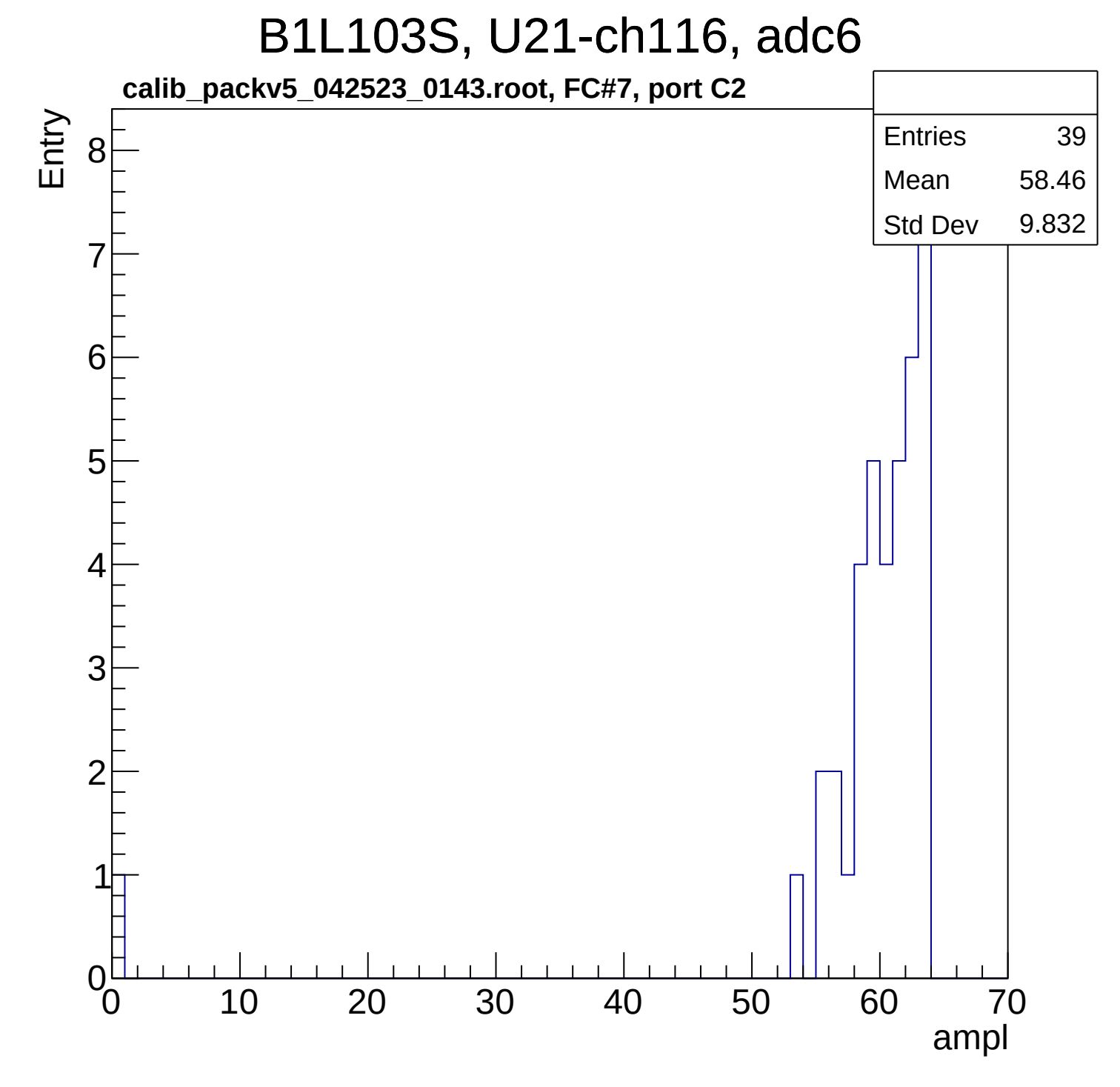
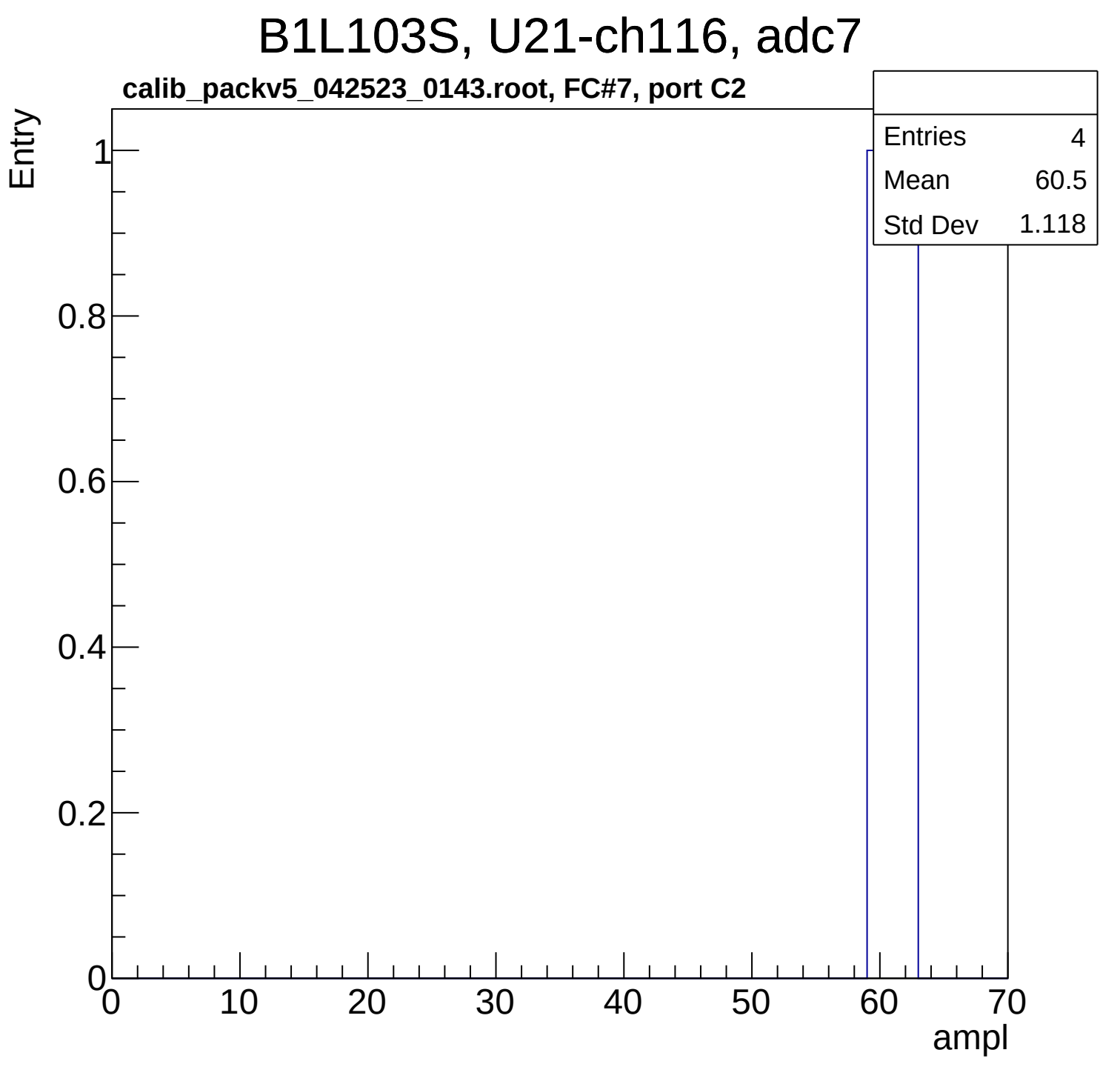

B1L103S, U21-ch116, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 39
Mean 58.46
Std Dev 9.832
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch116, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 4
Mean 60.5
Std Dev 1.118
Entry
ampl
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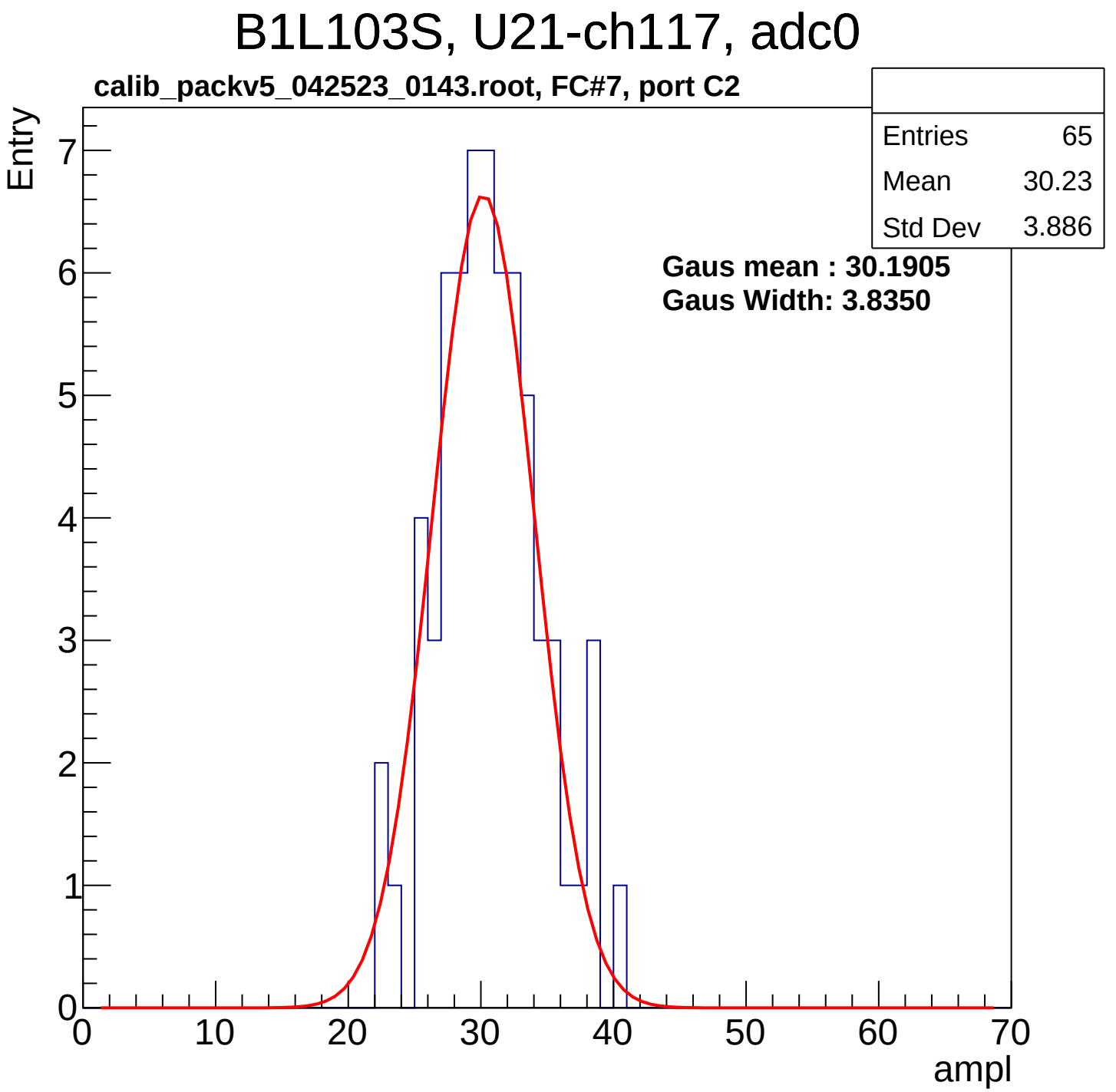
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L103S, U21-ch117, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 30.23
Std Dev 3.886
Gaus mean : 30.1905
Gaus Width: 3.8350
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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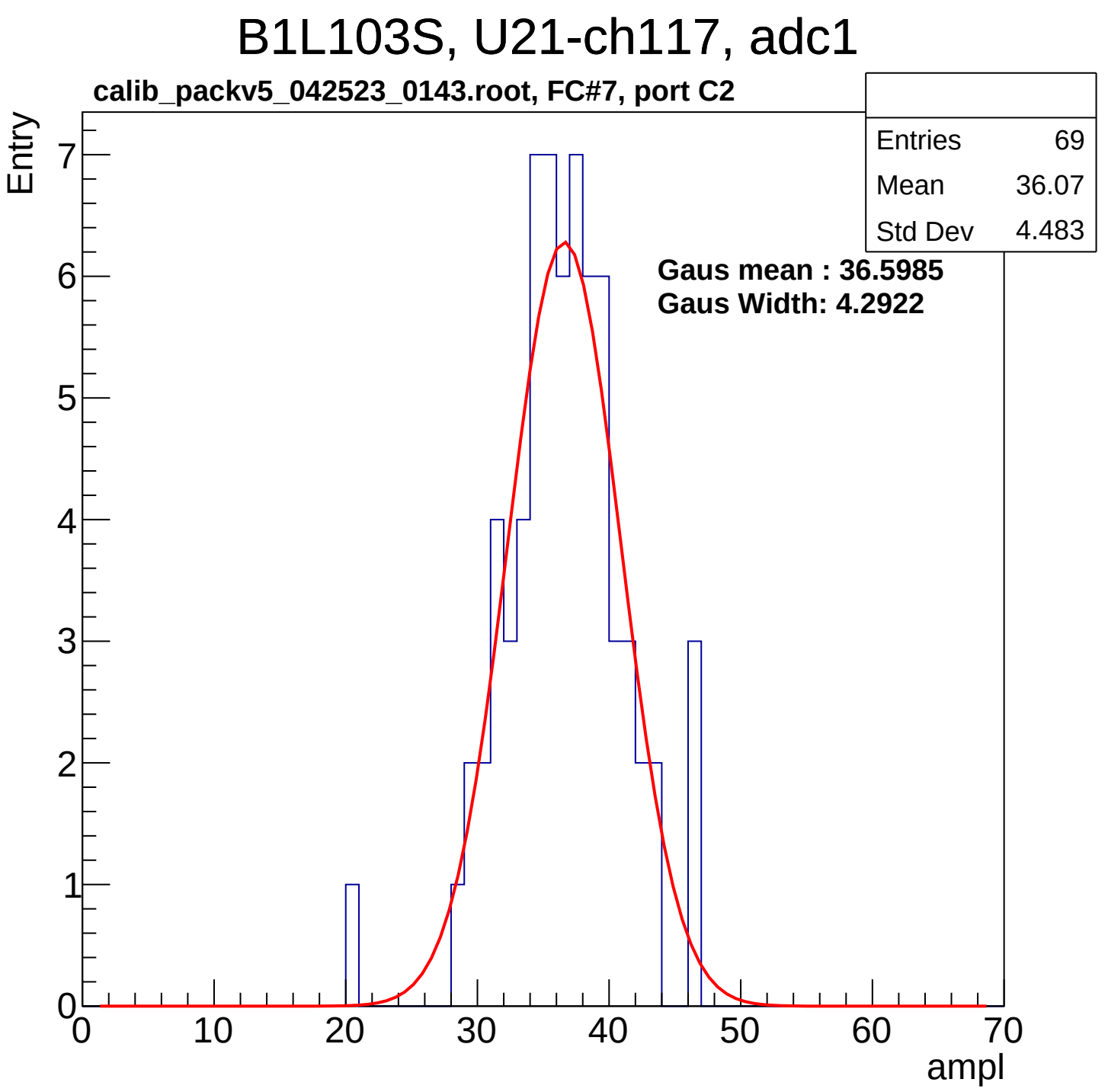
B1L103S, U21-ch117, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 36.07
Std Dev 4.483
Gaus mean : 36.5985
Gaus Width: 4.2922
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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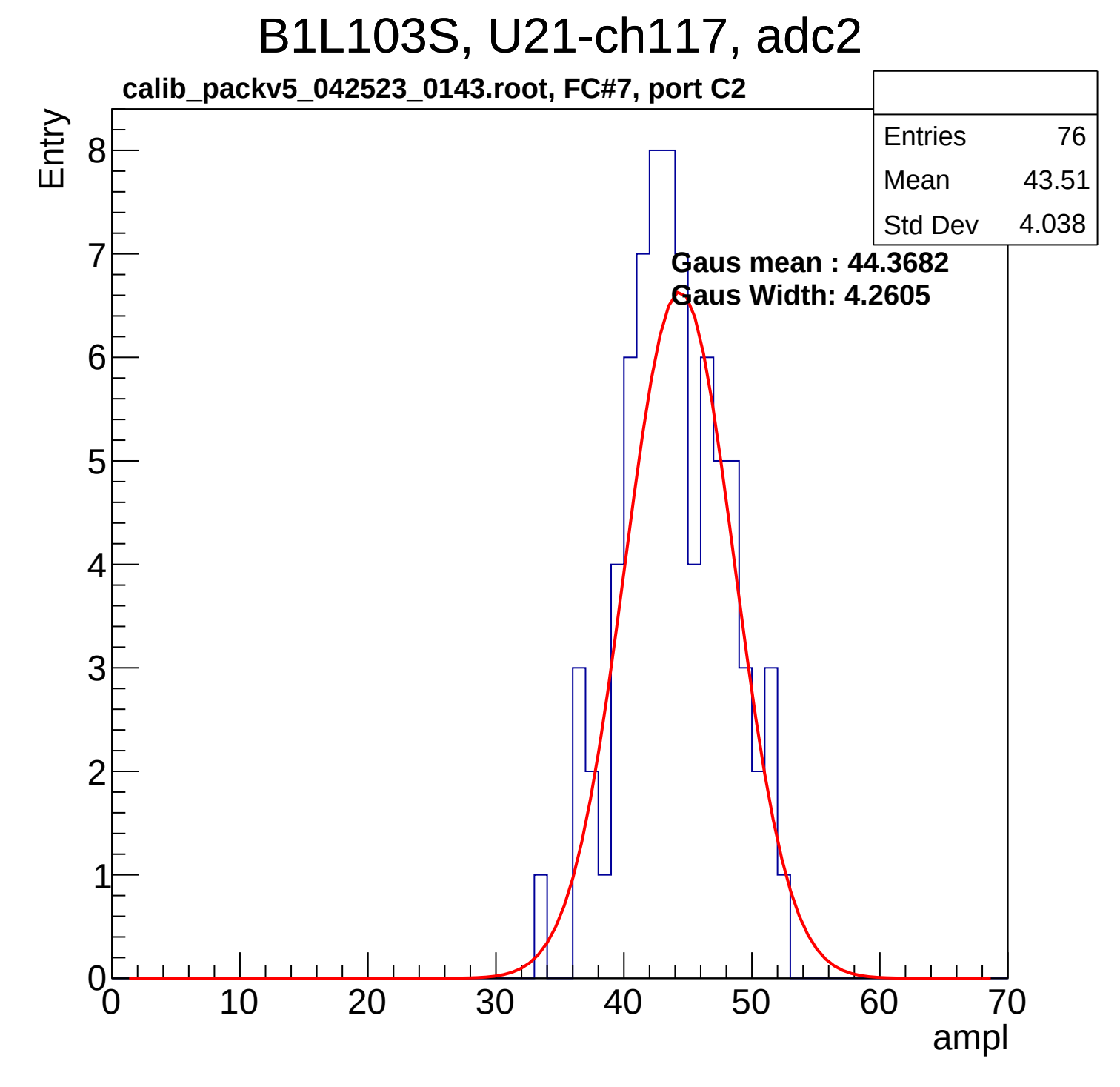
B1L103S, U21-ch117, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 76
Mean 43.51
Std Dev 4.038
Gaus mean : 44.3682
Gaus Width: 4.2605
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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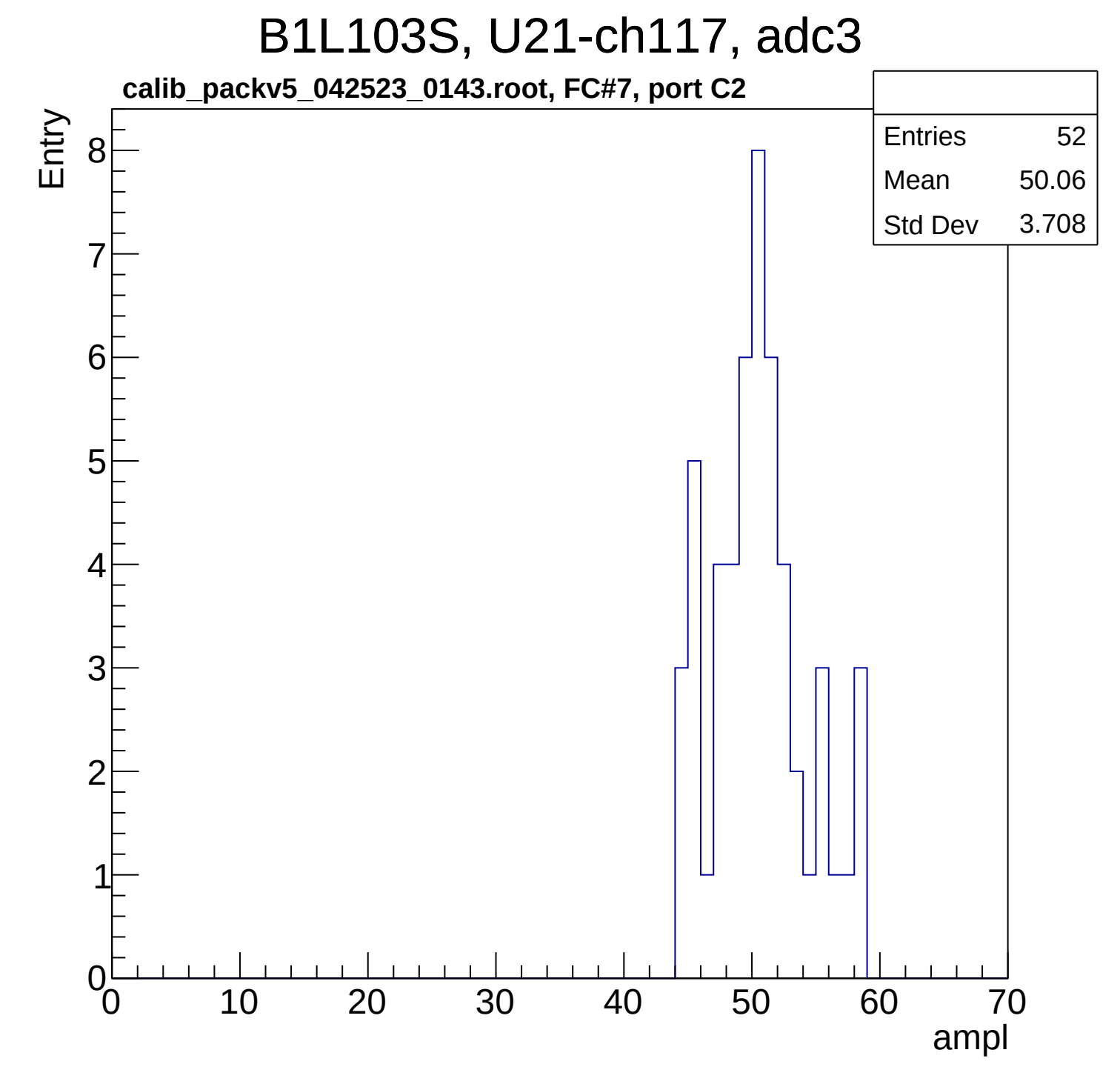
B1L103S, U21-ch117, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 52
Mean 50.06
Std Dev 3.708
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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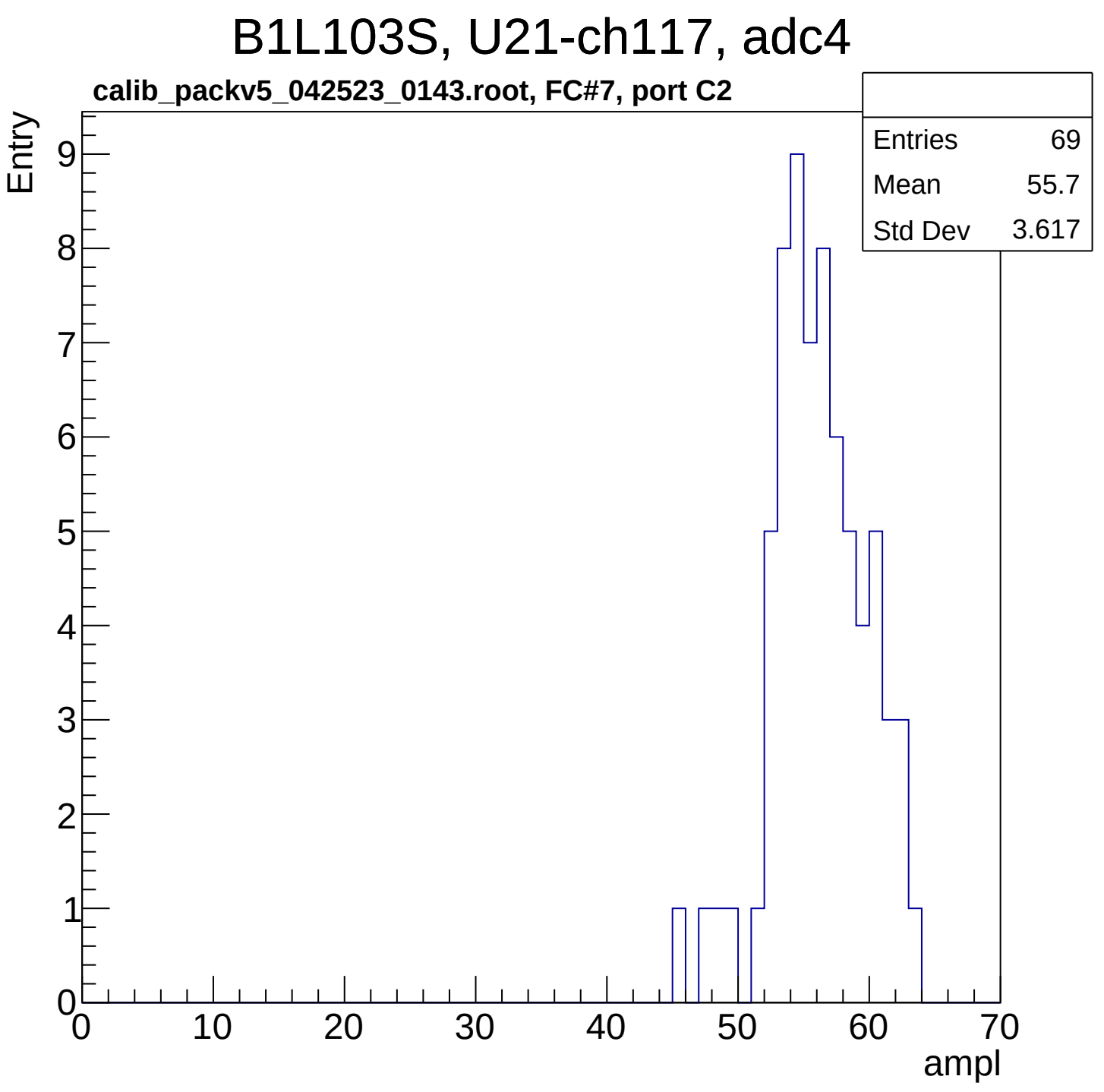
B1L103S, U21-ch117, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 55.7
Std Dev 3.617
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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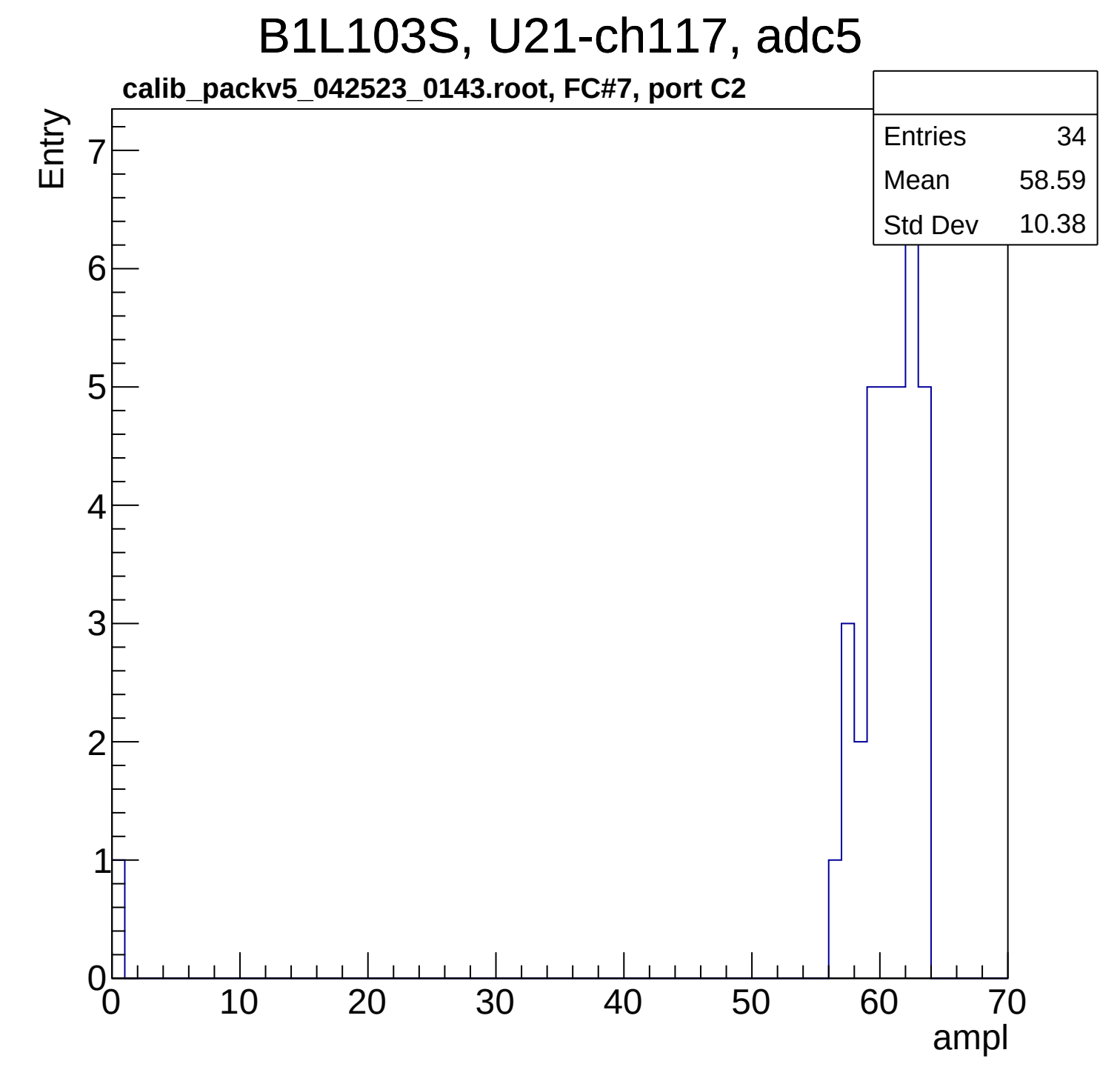
B1L103S, U21-ch117, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 34
Mean 58.59
Std Dev 10.38
Entry
ampl
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2
3
4
5
6
7
0
10
20
30
40
50
60
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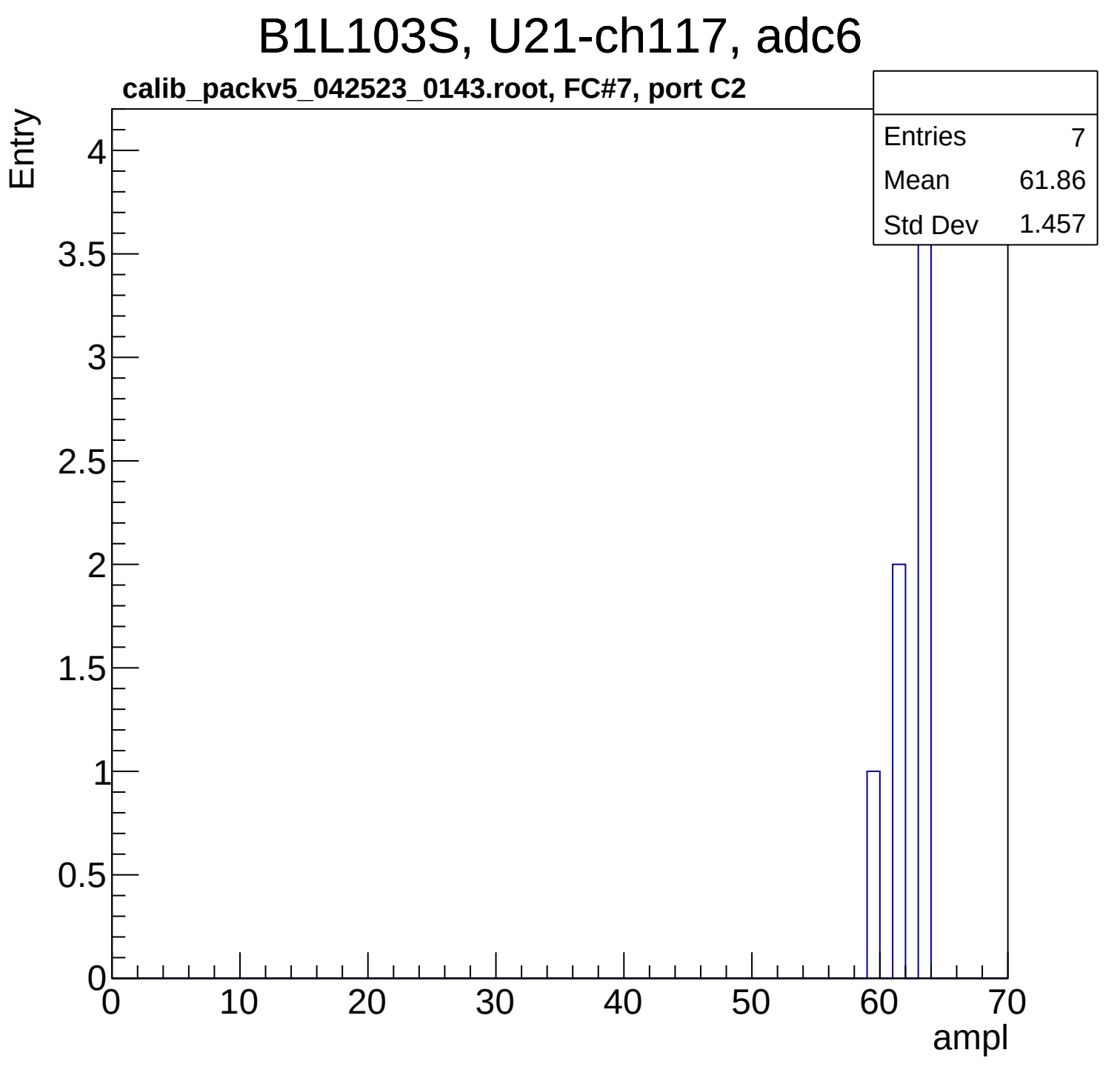
B1L103S, U21-ch117, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 7
Mean 61.86
Std Dev 1.457
Entry
ampl
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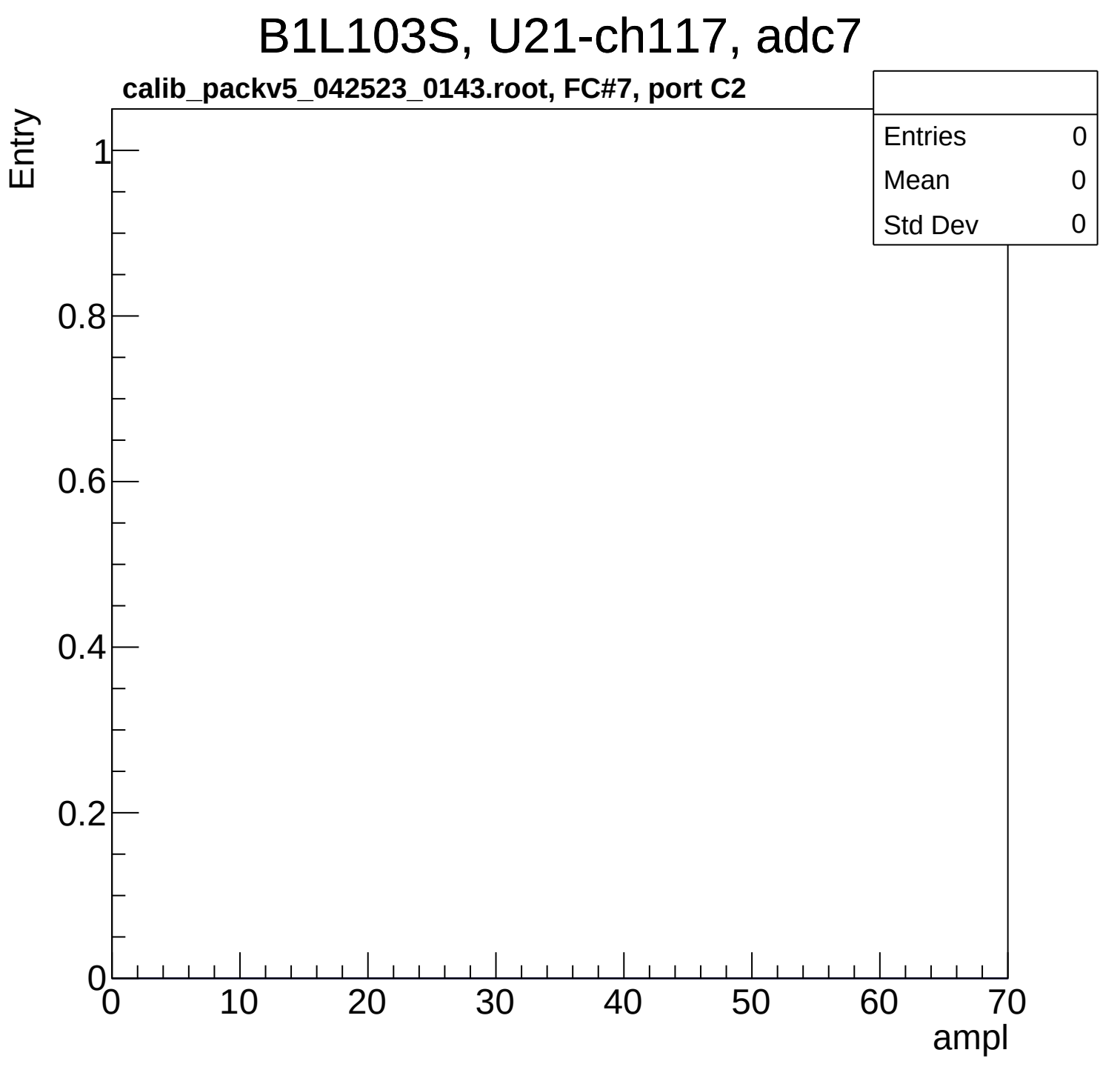
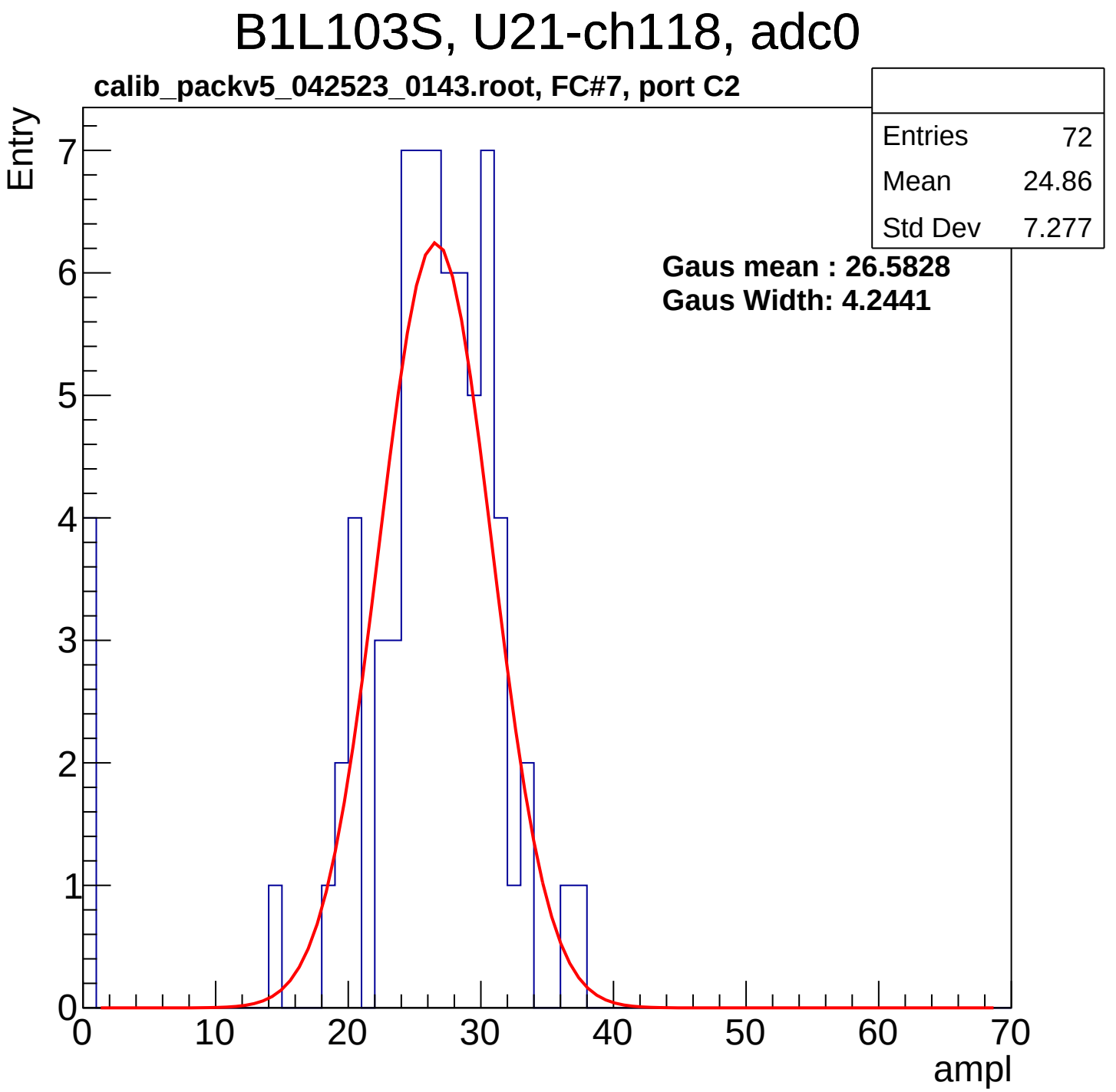
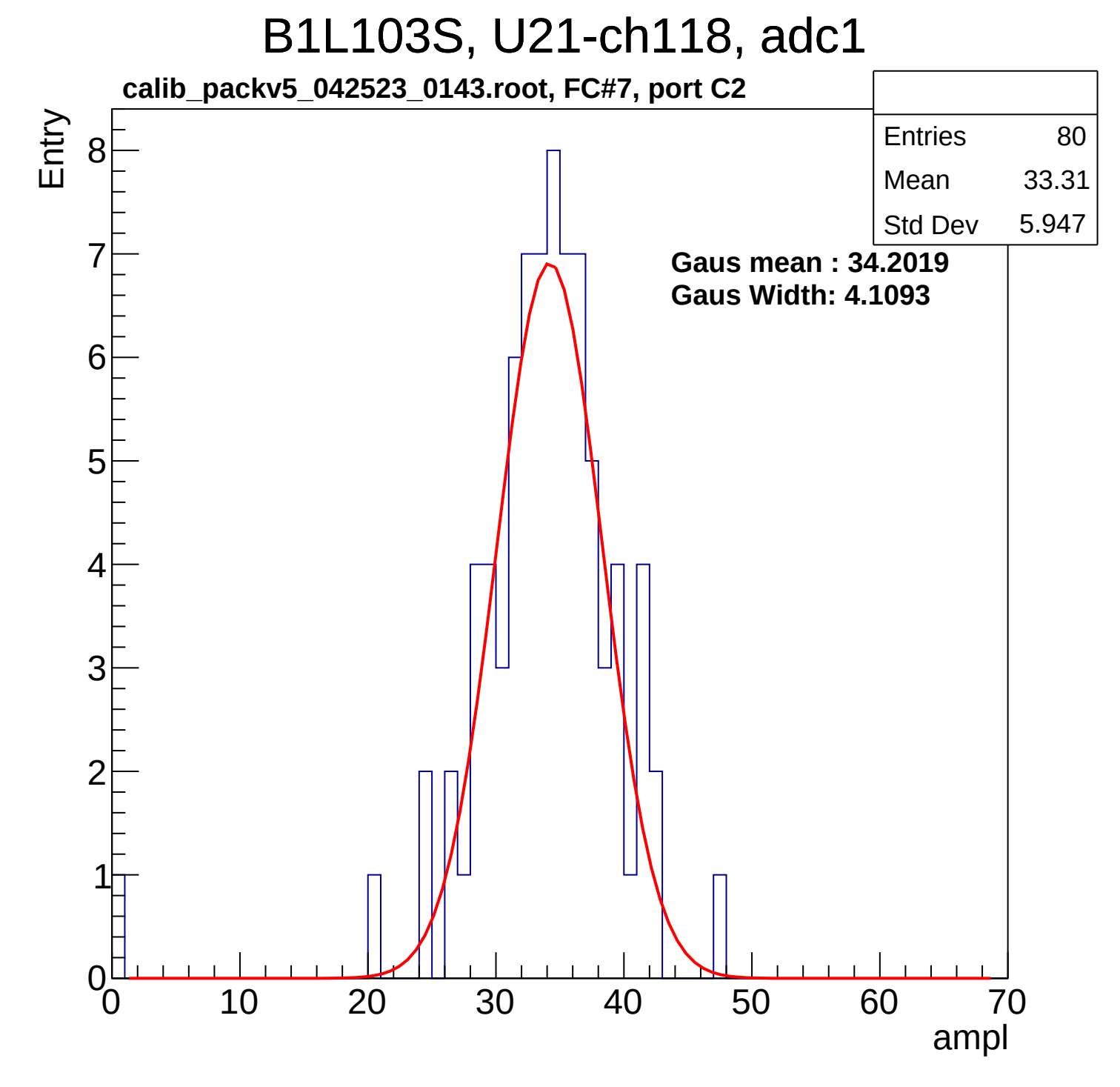
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L103S, U21-ch117, 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, U21-ch118, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 24.86
Std Dev 7.277
Gaus mean : 26.5828
Gaus Width: 4.2441
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L103S, U21-ch118, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 80
Mean 33.31
Std Dev 5.947
Gaus mean : 34.2019
Gaus Width: 4.1093
Entry
ampl
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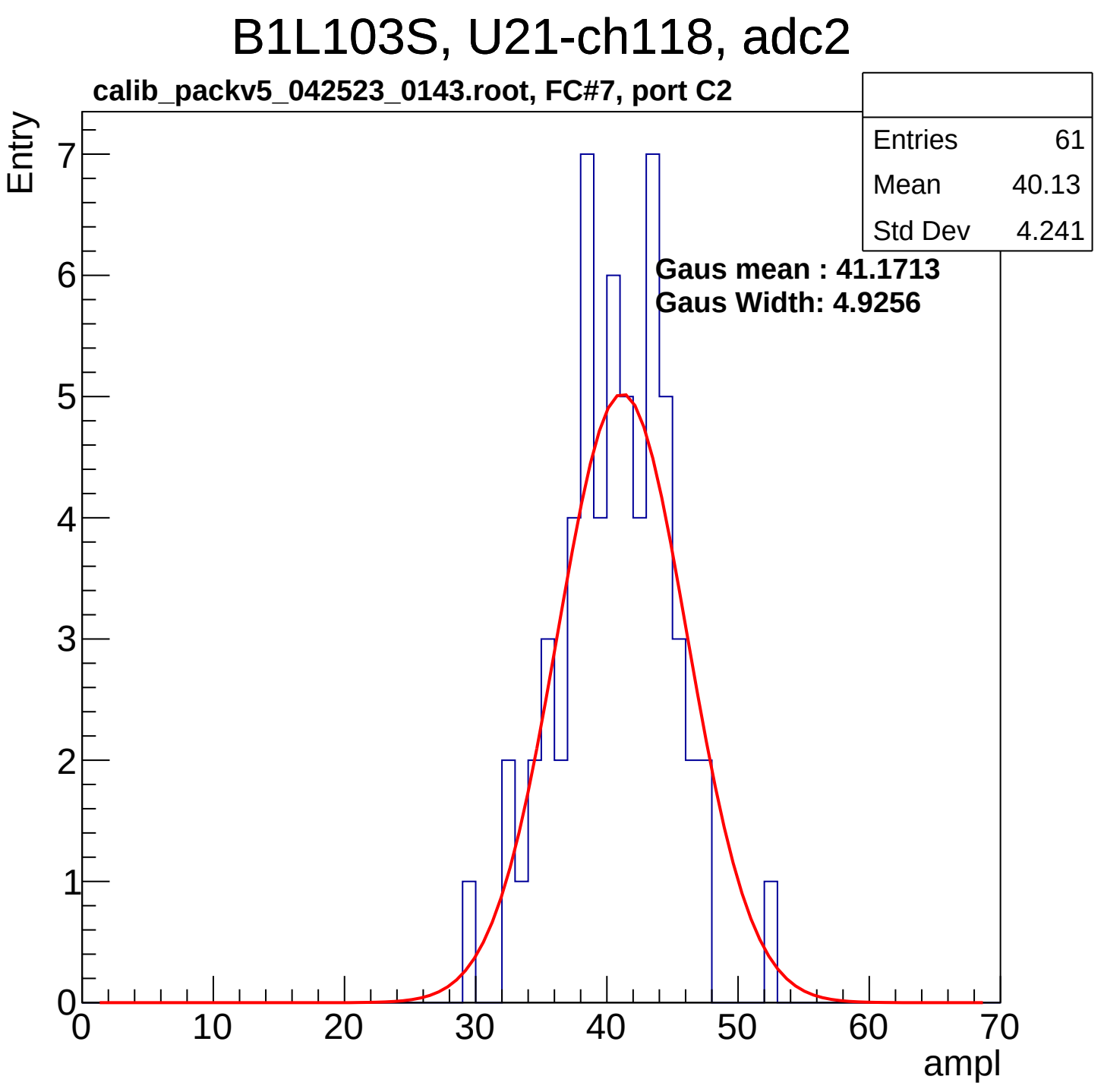
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch118, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 40.13
Std Dev 4.241
Gaus mean : 41.1713
Gaus Width: 4.9256
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
30
40
50
60
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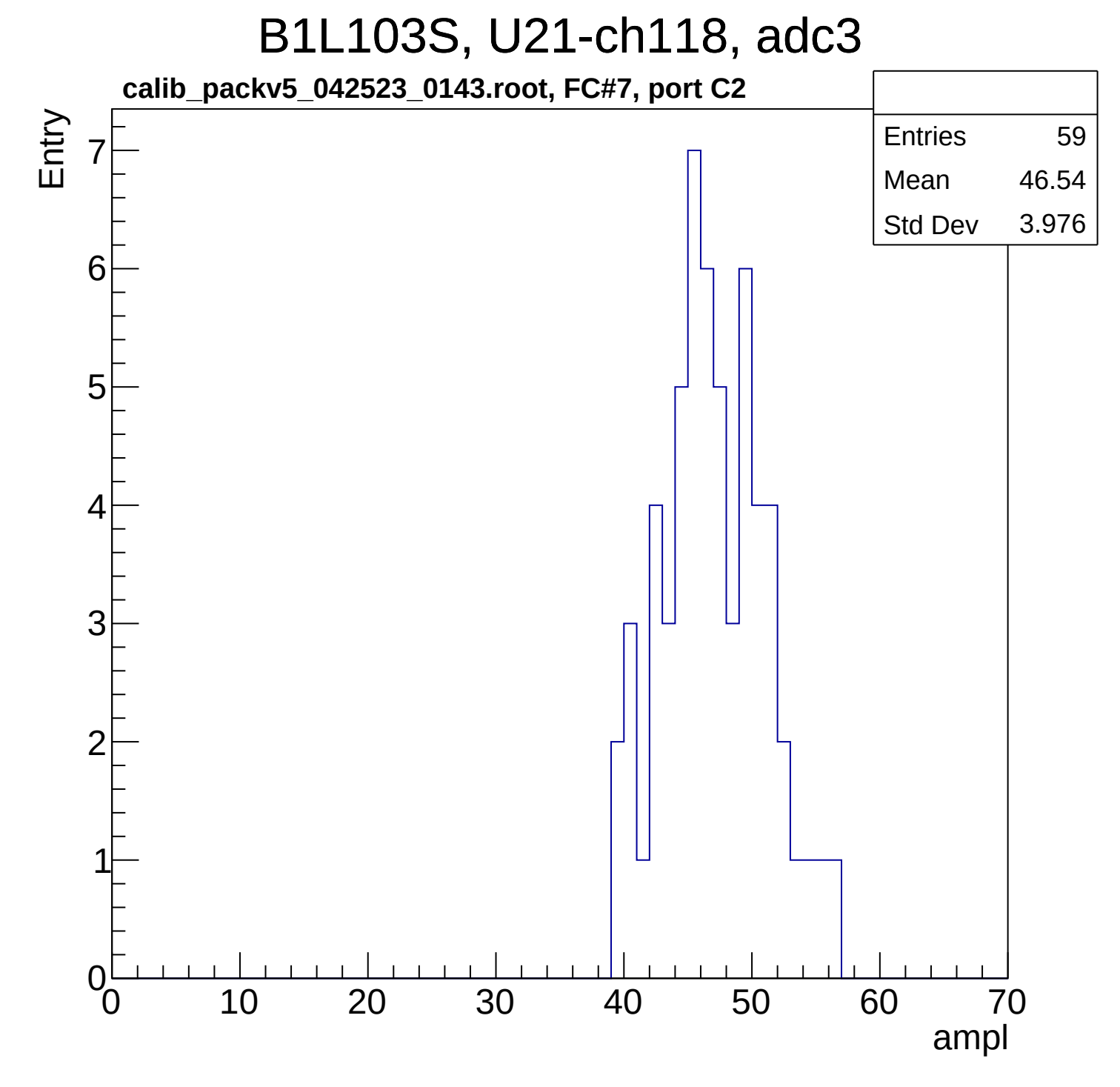
B1L103S, U21-ch118, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 46.54
Std Dev 3.976
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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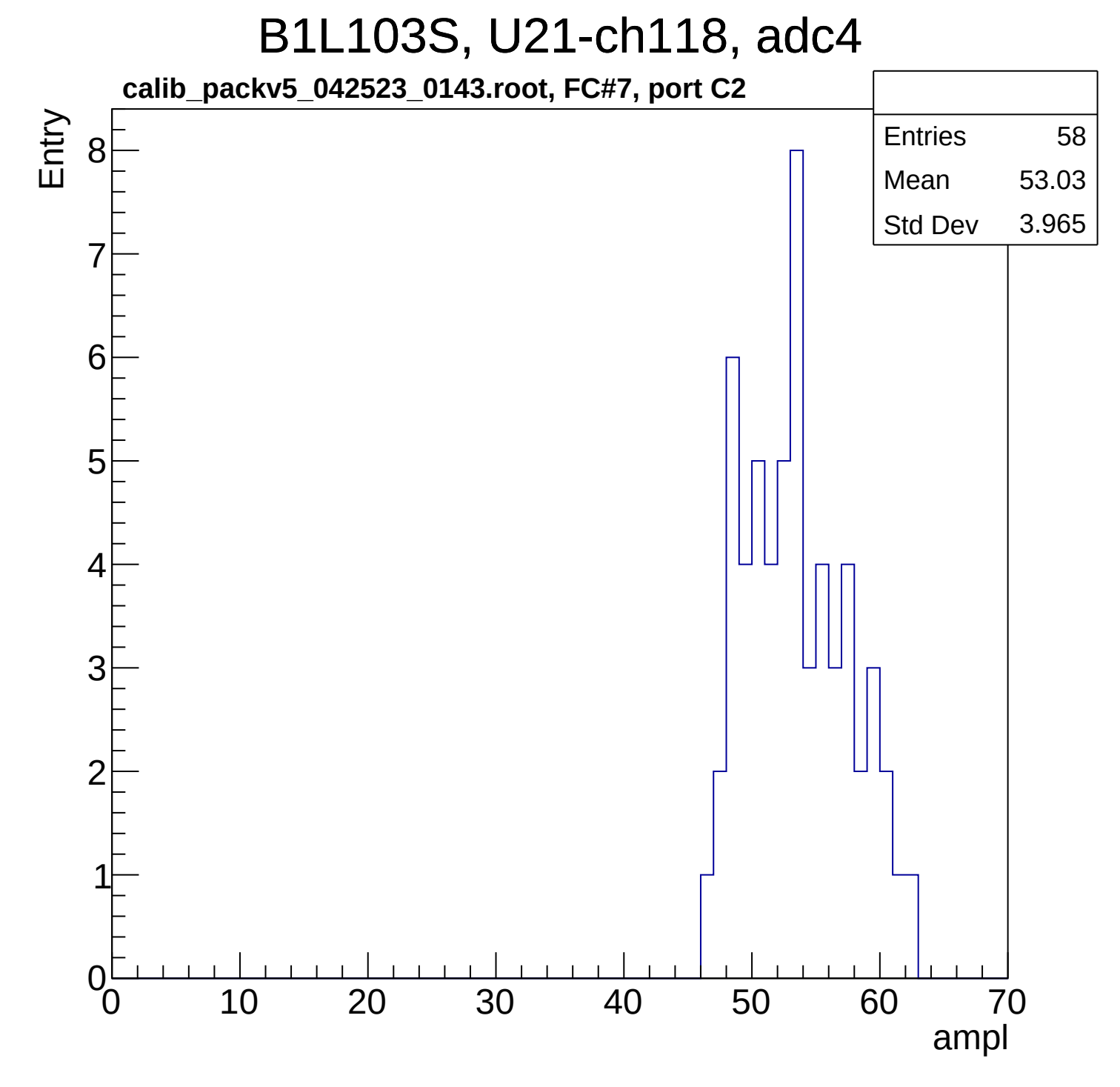
B1L103S, U21-ch118, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 58
Mean 53.03
Std Dev 3.965
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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40
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60
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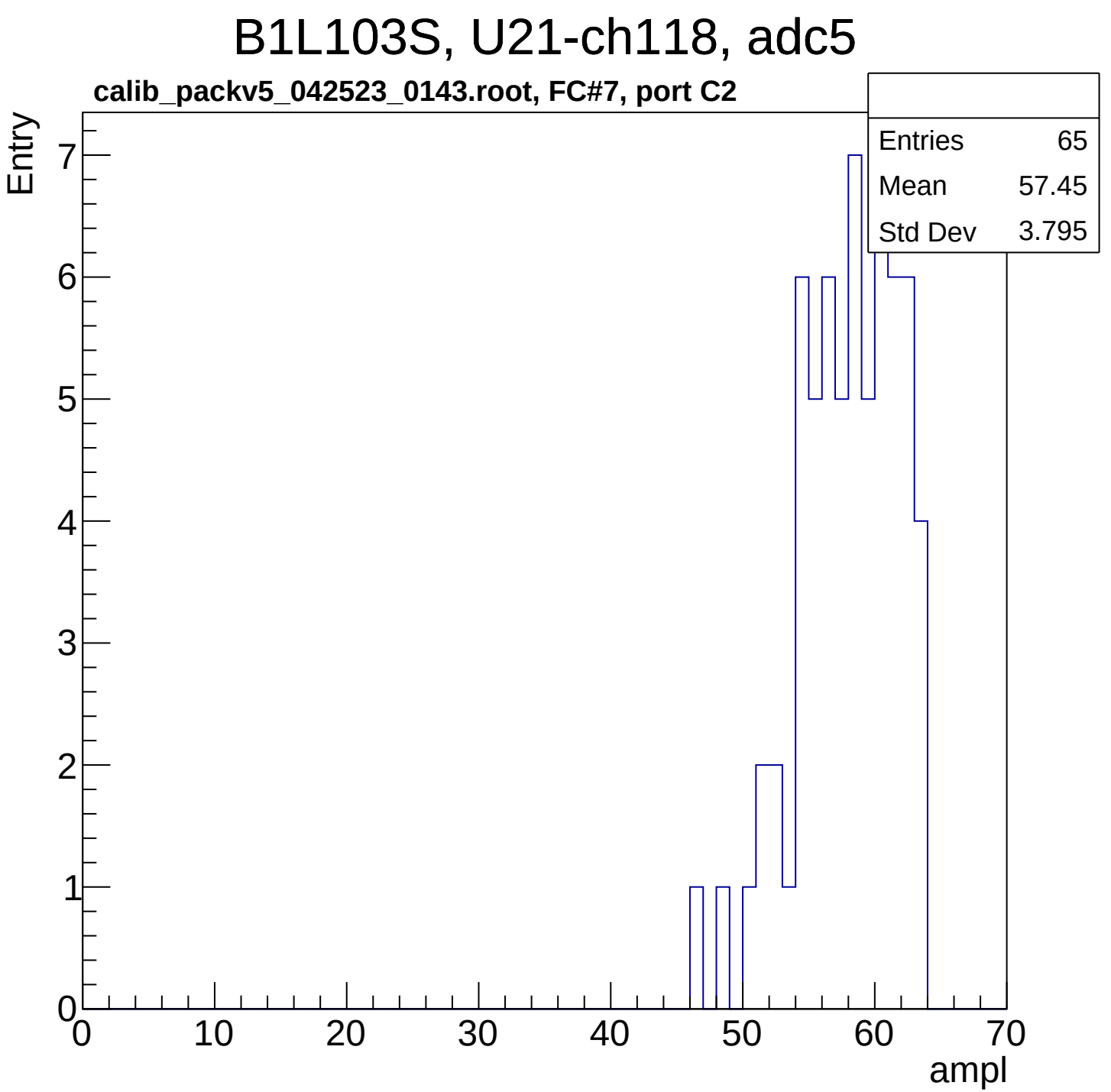
B1L103S, U21-ch118, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 57.45
Std Dev 3.795
Entry
ampl
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3
4
5
6
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0
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60
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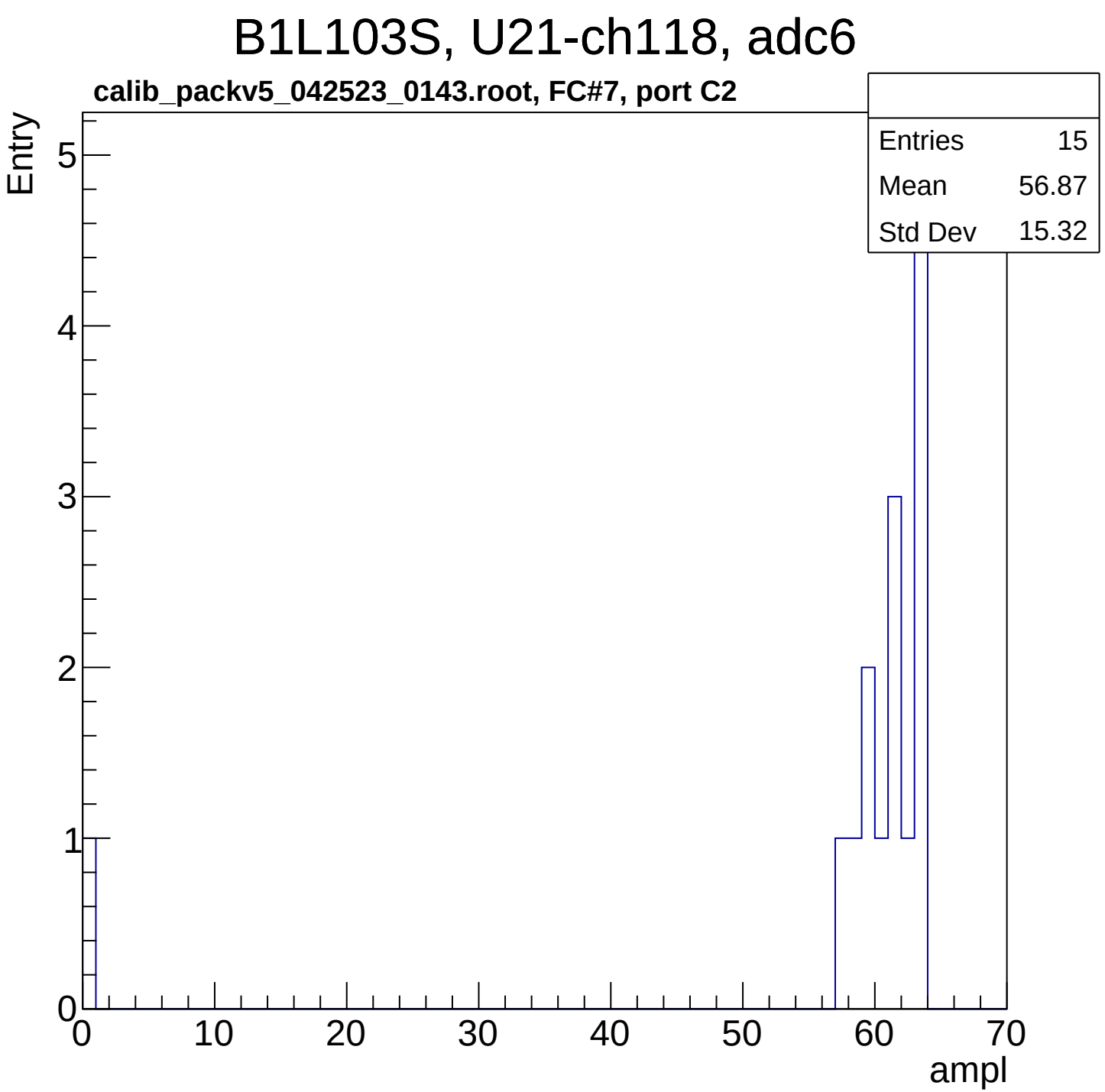
B1L103S, U21-ch118, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 15
Mean 56.87
Std Dev 15.32
Entry
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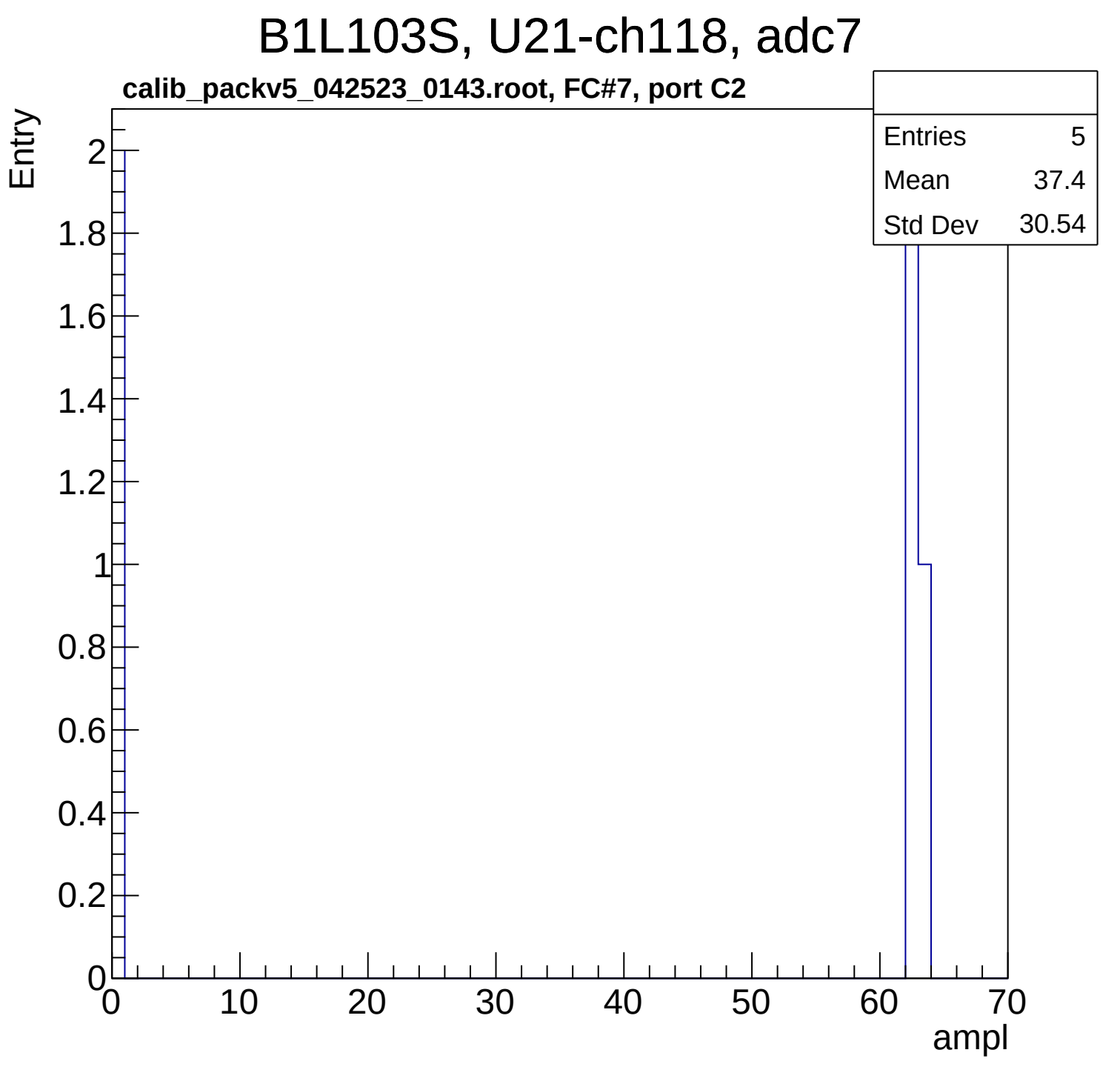
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch118, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 37.4
Std Dev 30.54
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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40
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60
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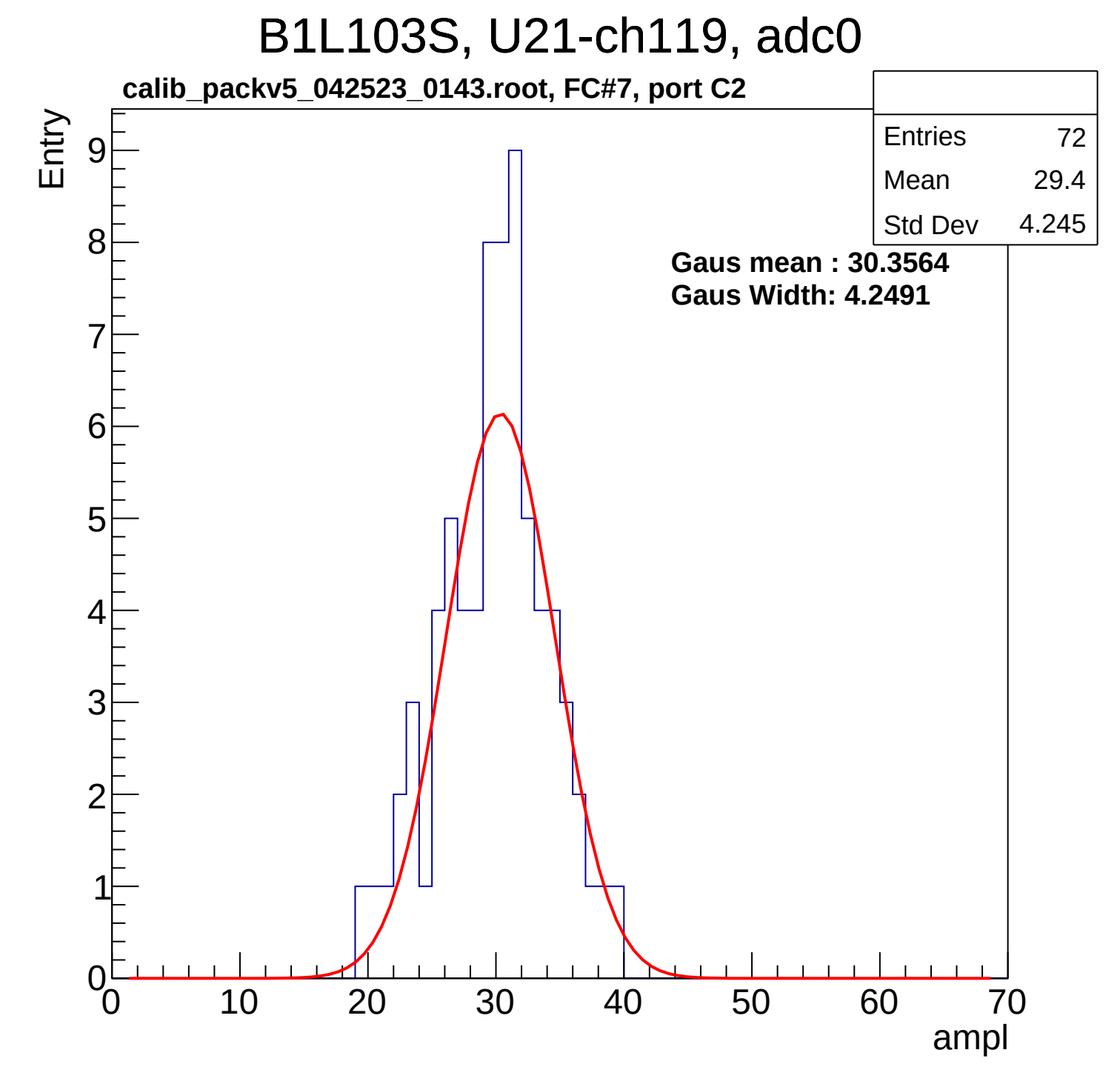
B1L103S, U21-ch119, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 29.4
Std Dev 4.245
Gaus mean : 30.3564
Gaus Width: 4.2491
Entry
ampl
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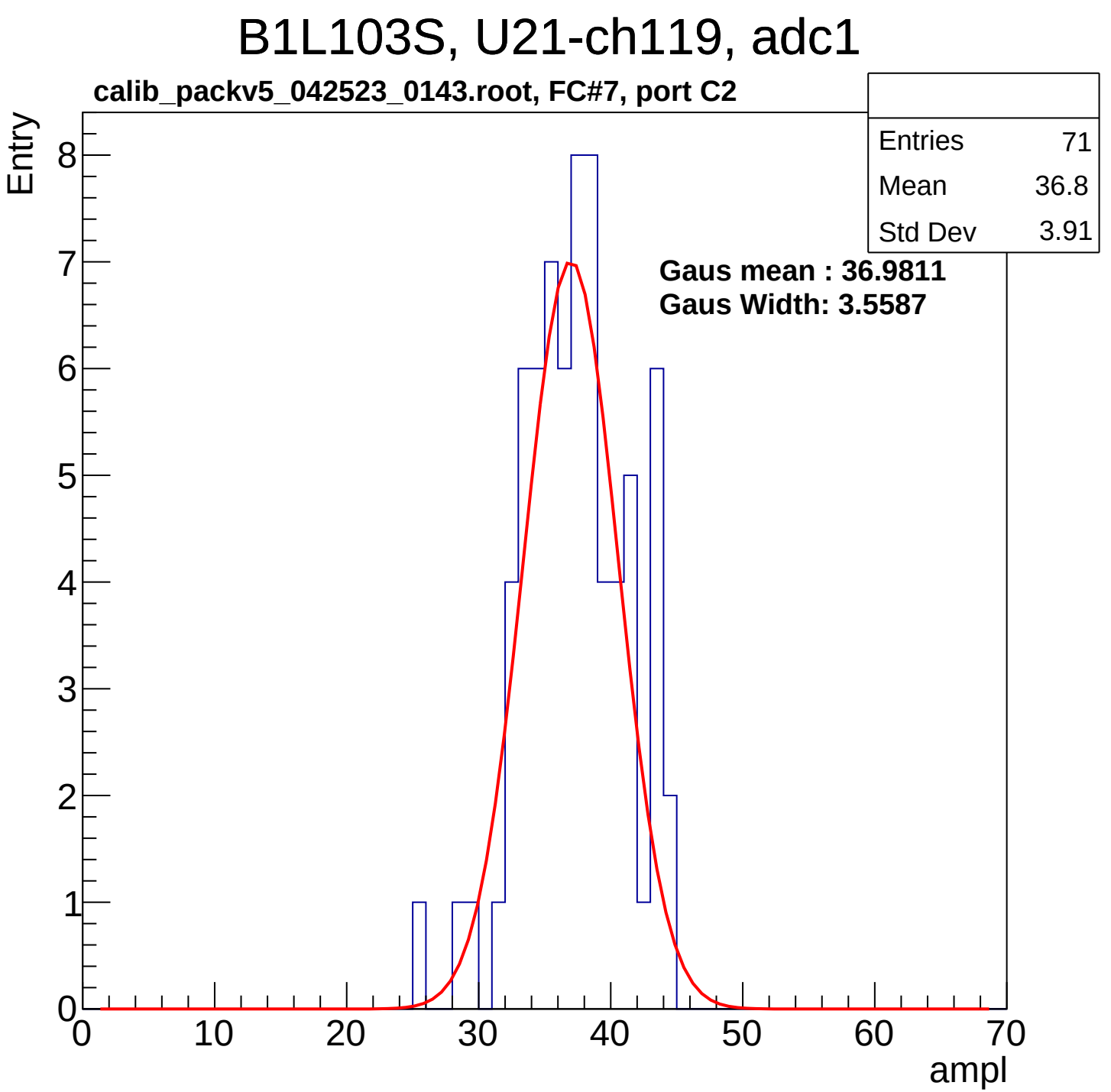
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch119, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 36.8
Std Dev 3.91
Gaus mean : 36.9811
Gaus Width: 3.5587
Entry
ampl
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1
2
3
4
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6
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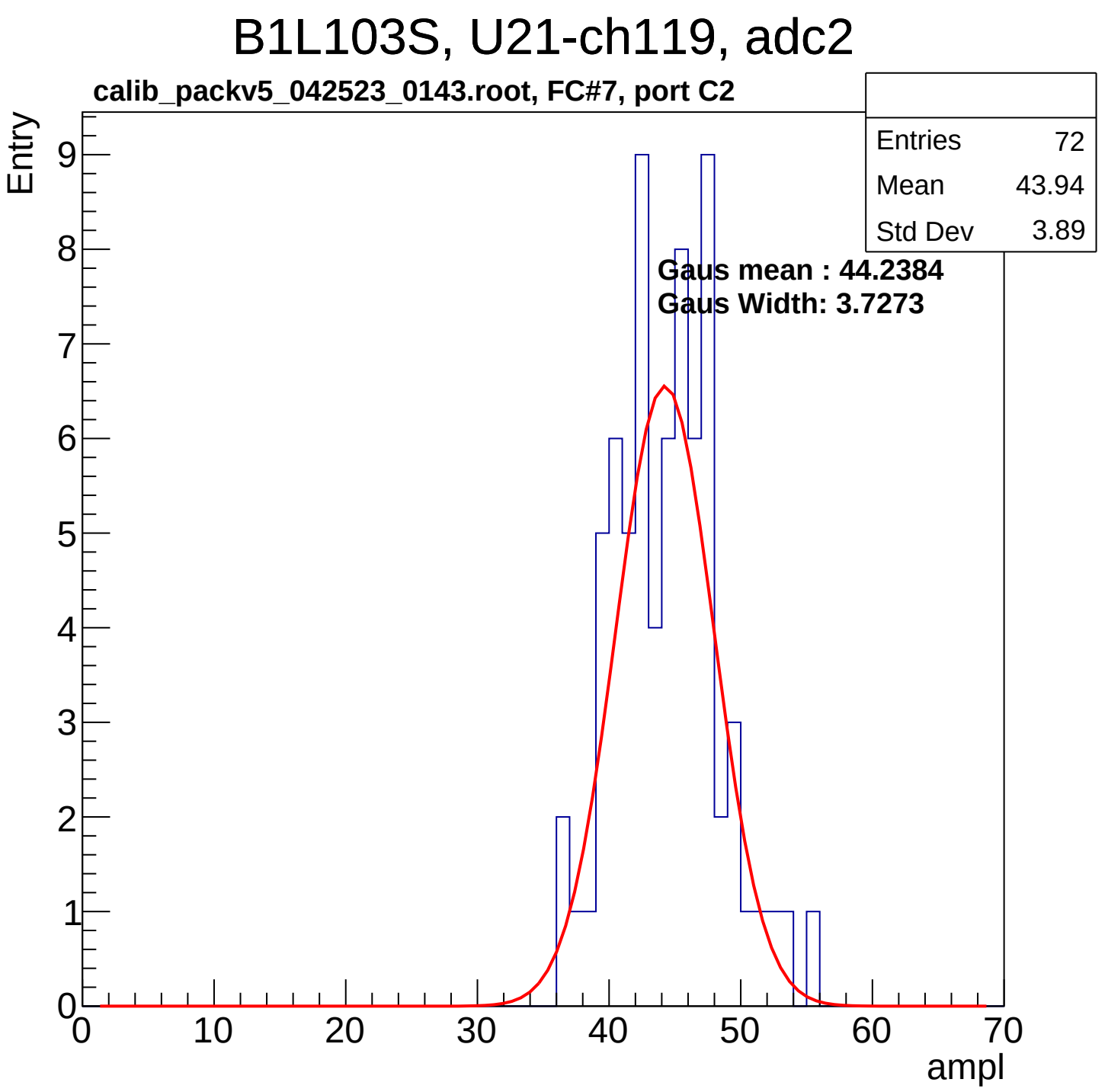
B1L103S, U21-ch119, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 43.94
Std Dev 3.89
Gaus mean : 44.2384
Gaus Width: 3.7273
Entry
ampl
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2
3
4
5
6
7
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0
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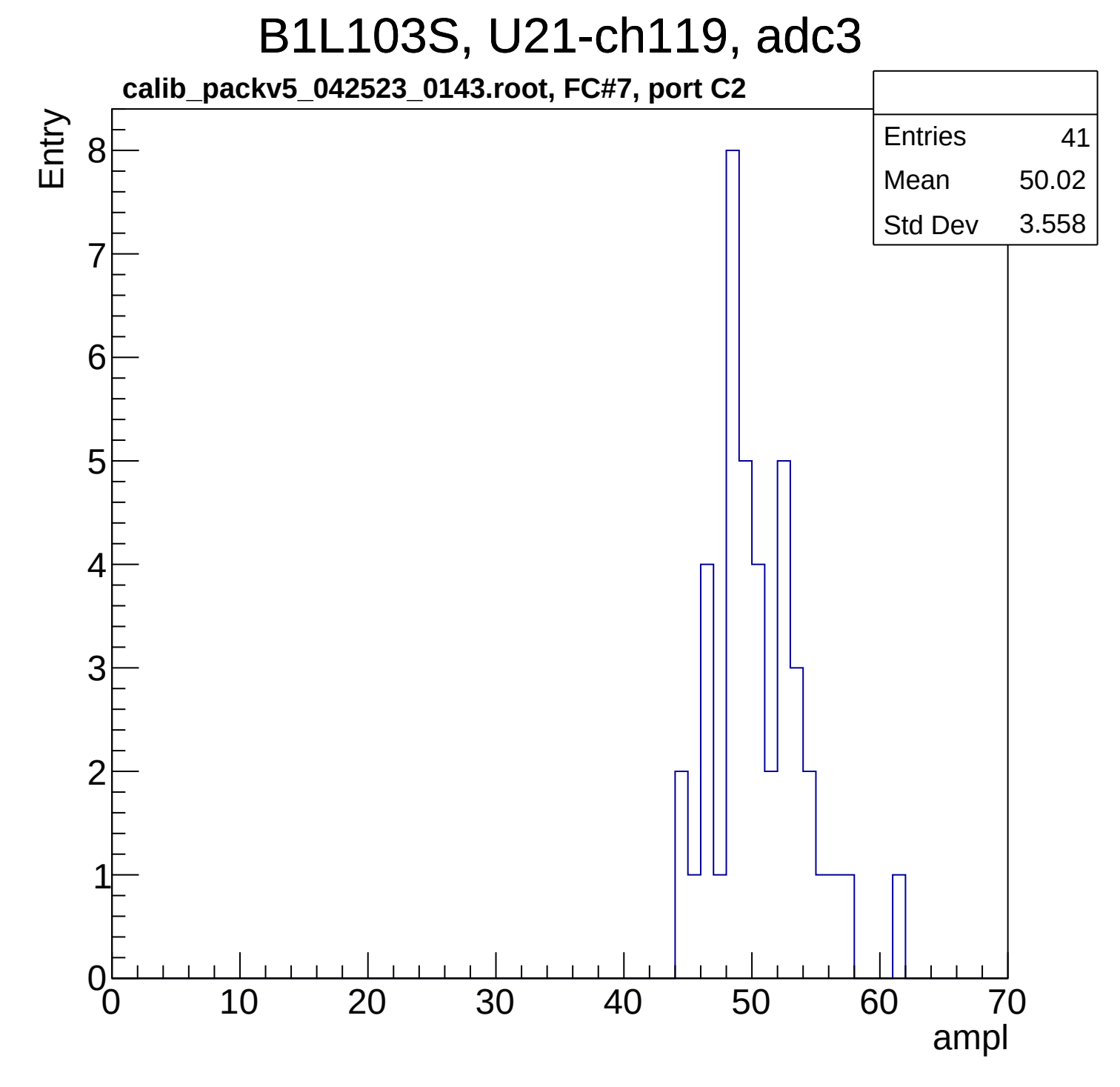
B1L103S, U21-ch119, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 41
Mean 50.02
Std Dev 3.558
Entry
ampl
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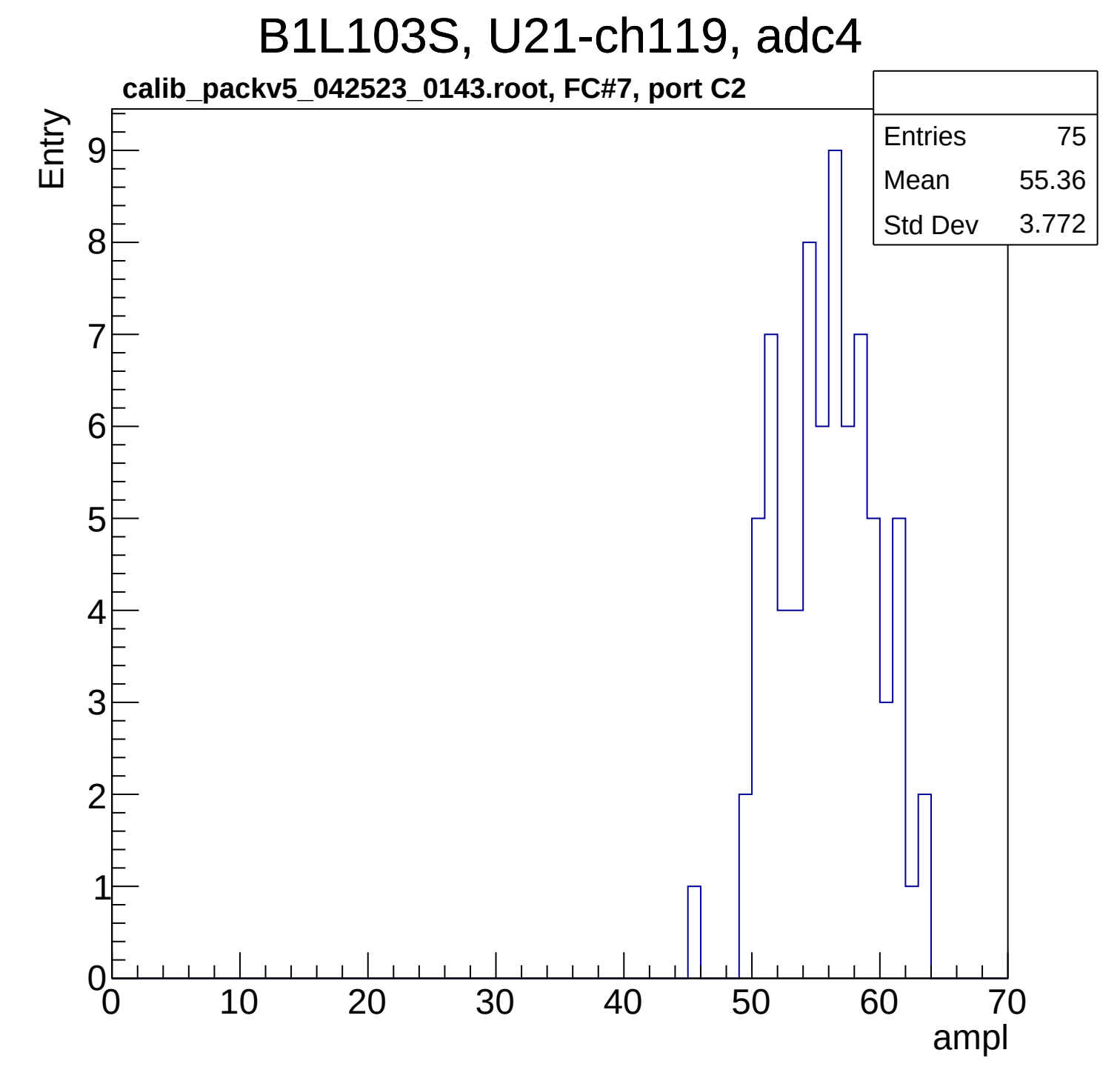
B1L103S, U21-ch119, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 75
Mean 55.36
Std Dev 3.772
Entry
ampl
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3
4
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6
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0
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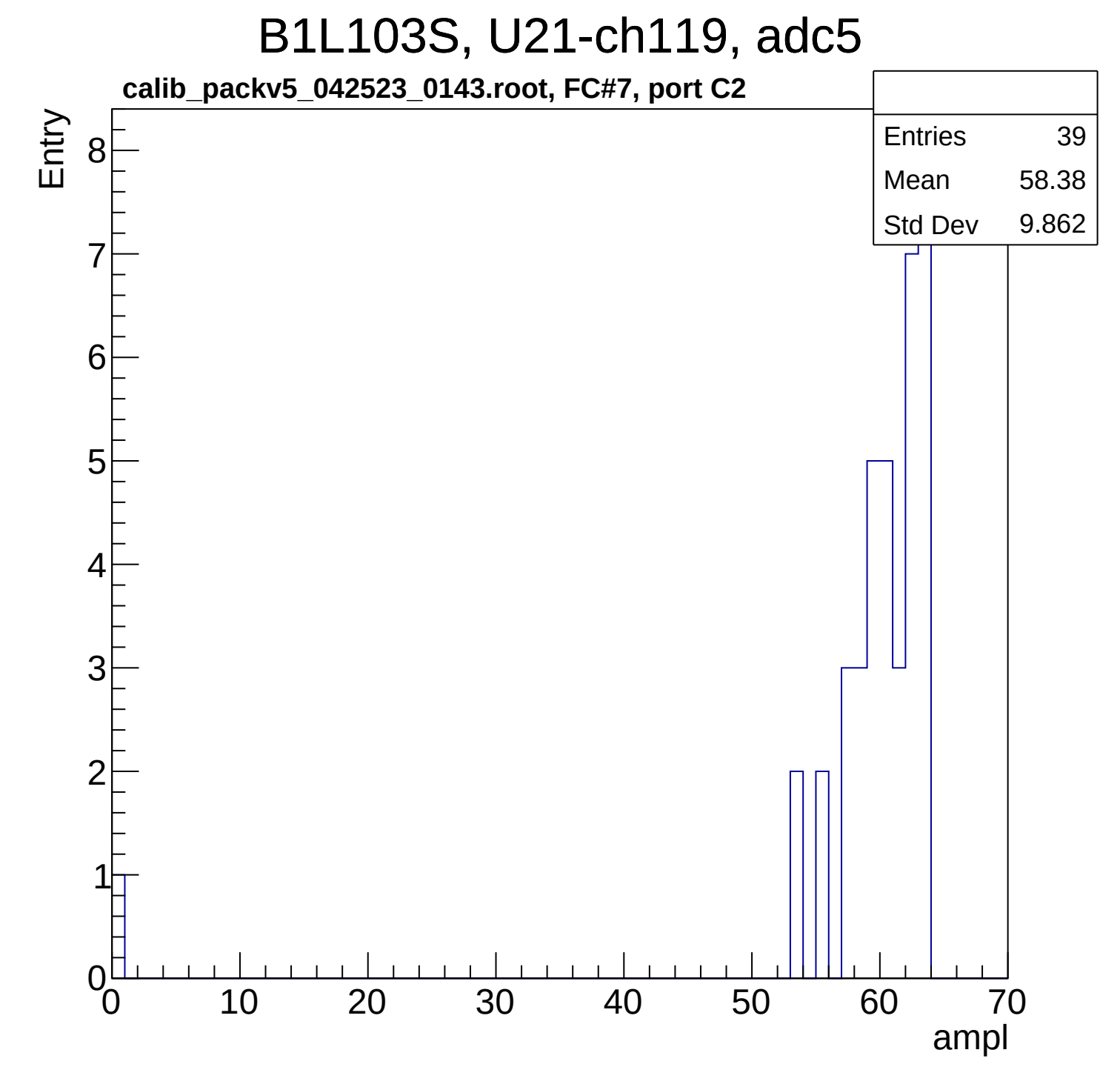
B1L103S, U21-ch119, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 39
Mean 58.38
Std Dev 9.862
Entry
ampl
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0
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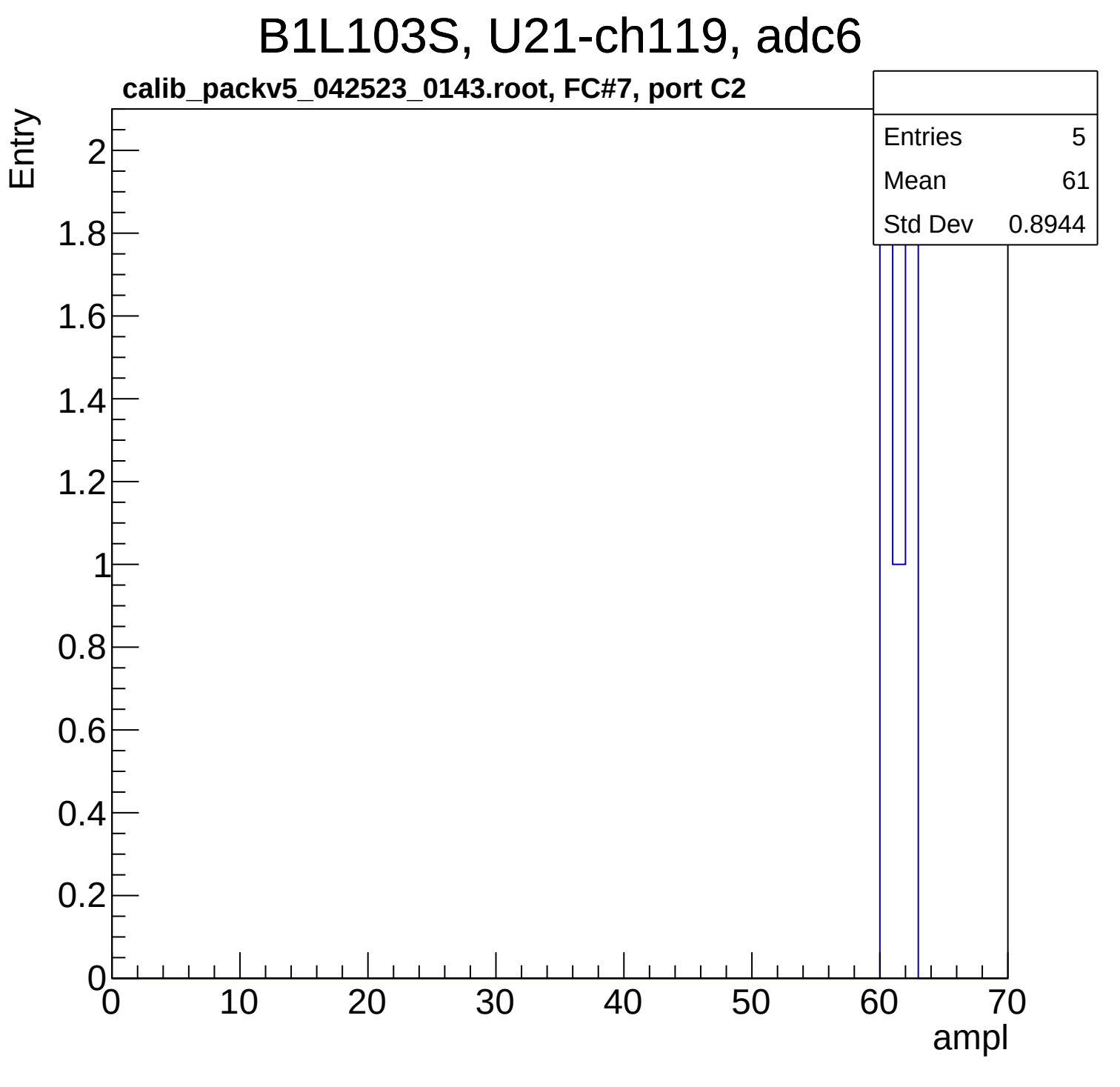
B1L103S, U21-ch119, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 61
Std Dev 0.8944
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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40
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60
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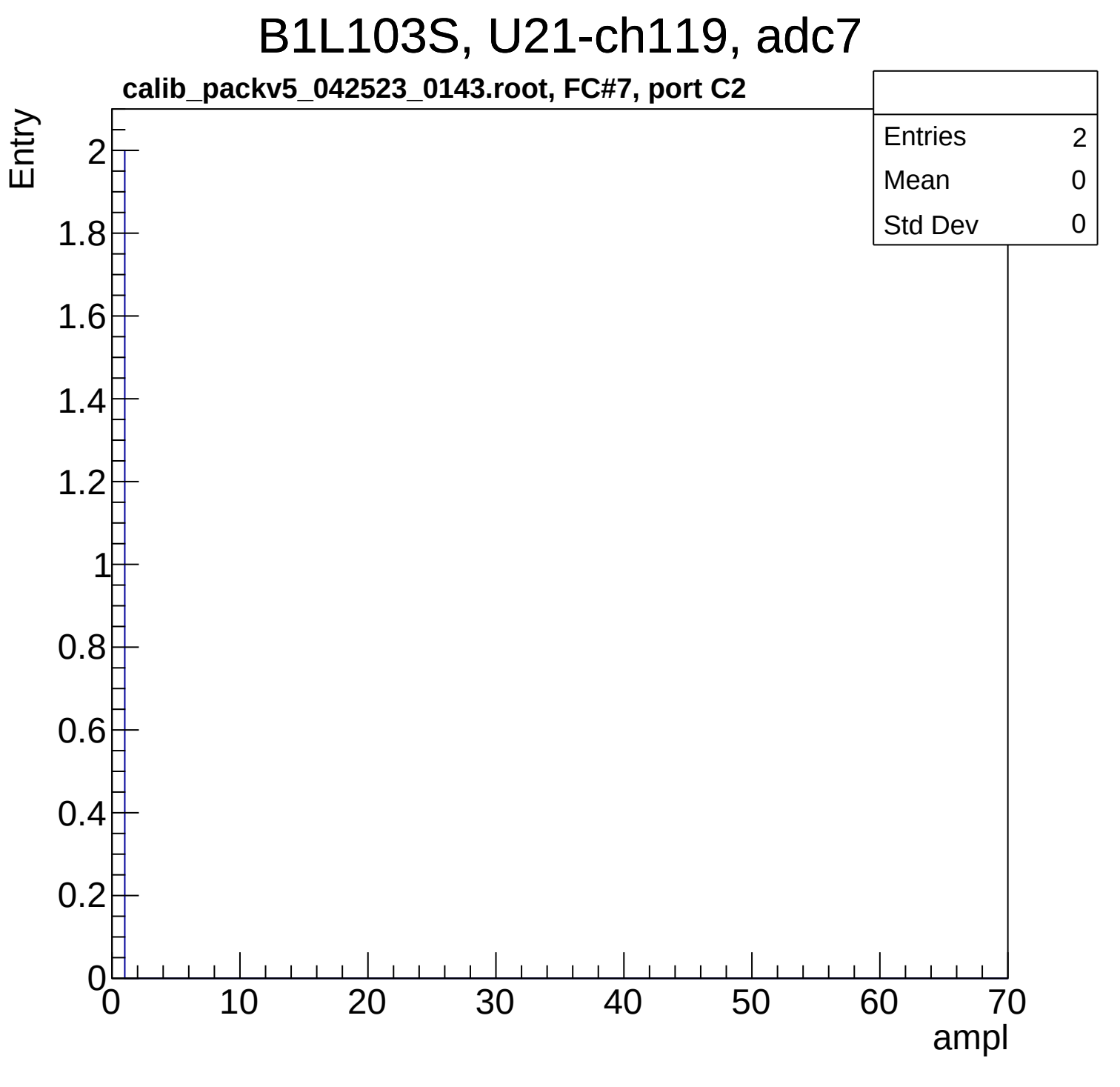
B1L103S, U21-ch119, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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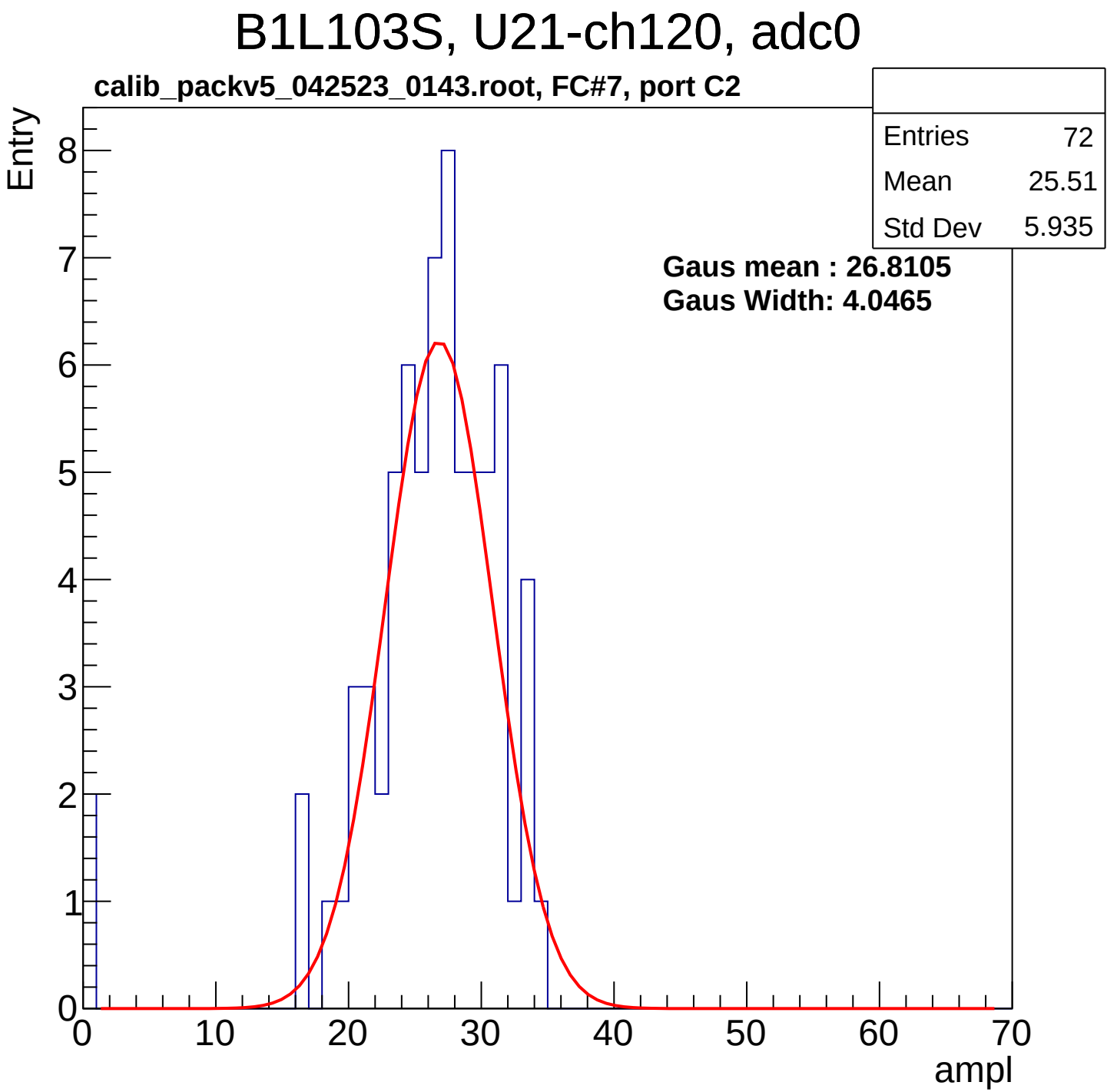
B1L103S, U21-ch120, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 25.51
Std Dev 5.935
Gaus mean : 26.8105
Gaus Width: 4.0465
Entry
ampl
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1
2
3
4
5
6
7
8
0
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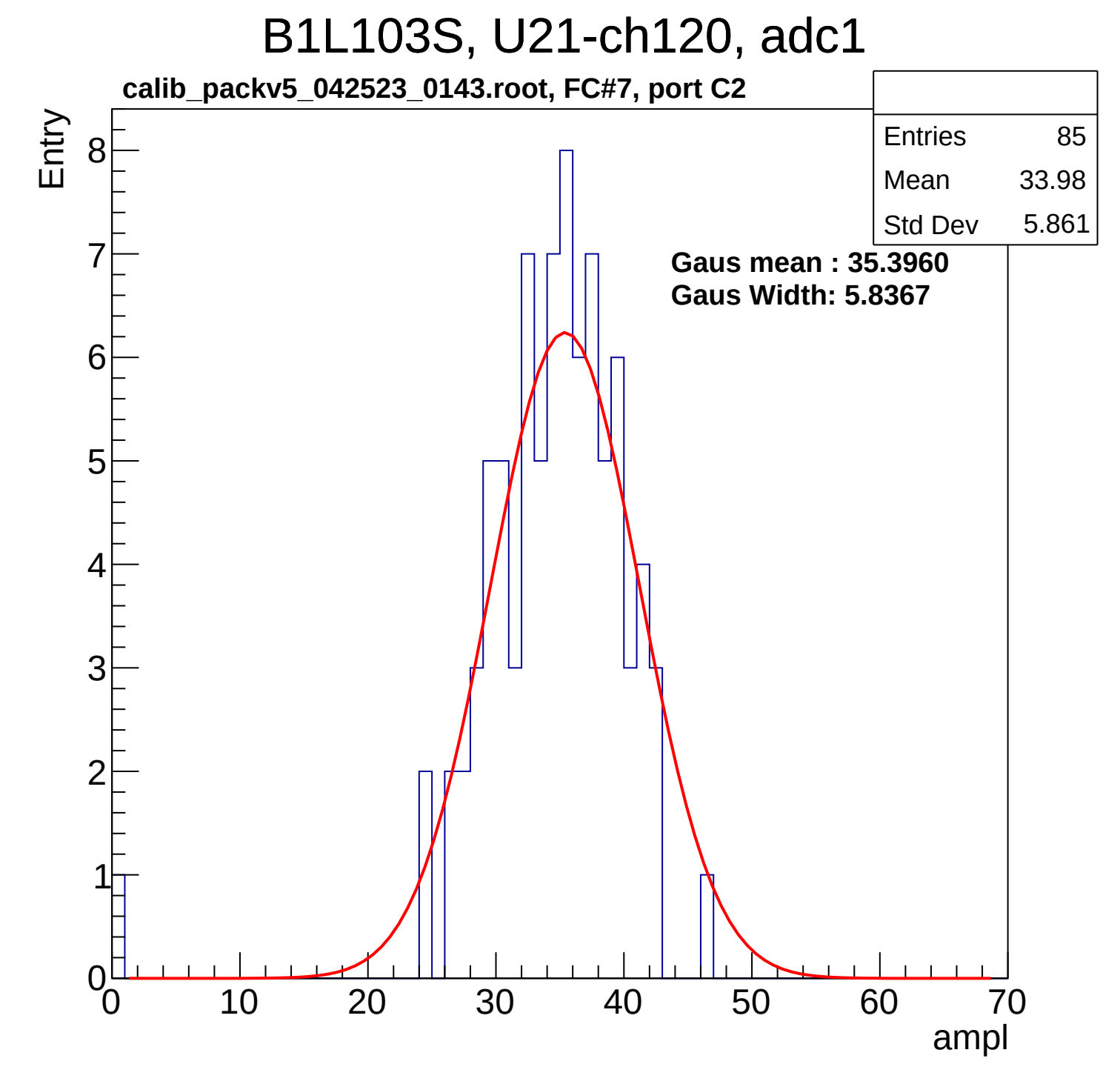
B1L103S, U21-ch120, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 85
Mean 33.98
Std Dev 5.861
Gaus mean : 35.3960
Gaus Width: 5.8367
Entry
ampl
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1
2
3
4
5
6
7
8
0
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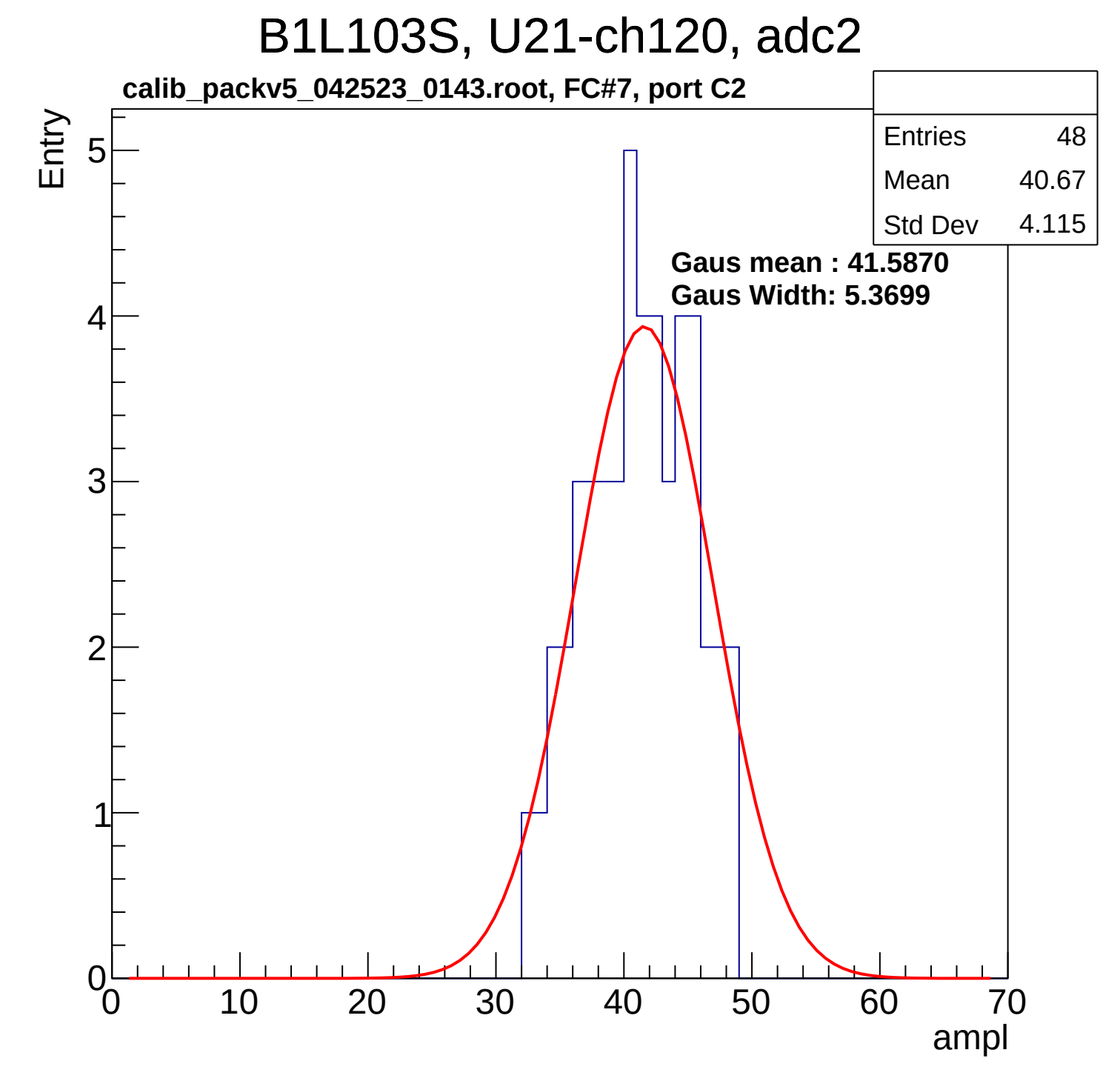
B1L103S, U21-ch120, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 48
Mean 40.67
Std Dev 4.115
Gaus mean : 41.5870
Gaus Width: 5.3699
Entry
ampl
0
1
2
3
4
5
0
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20
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40
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60
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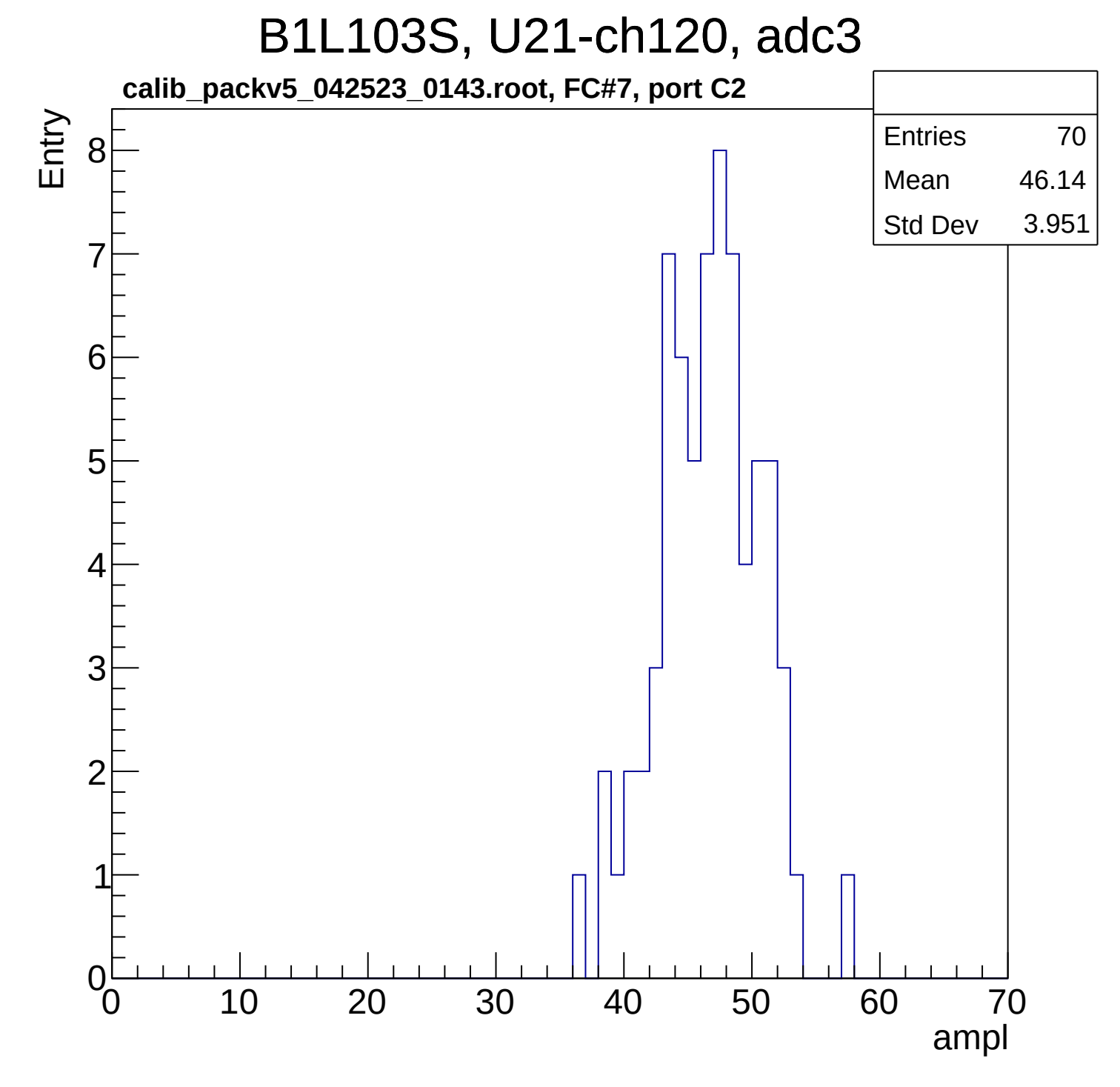
B1L103S, U21-ch120, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 46.14
Std Dev 3.951
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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60
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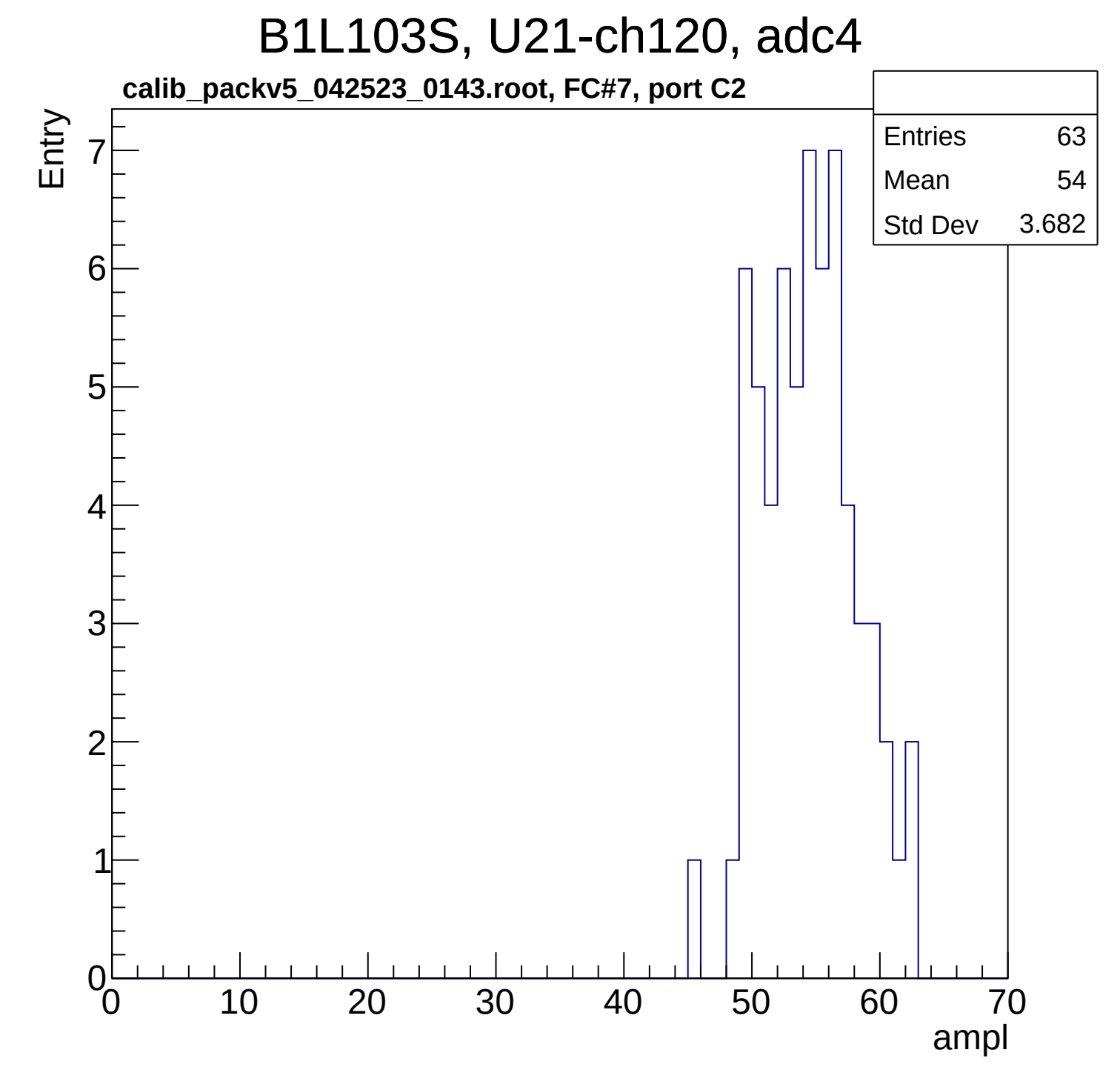
B1L103S, U21-ch120, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 54
Std Dev 3.682
Entry
ampl
0
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2
3
4
5
6
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0
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40
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60
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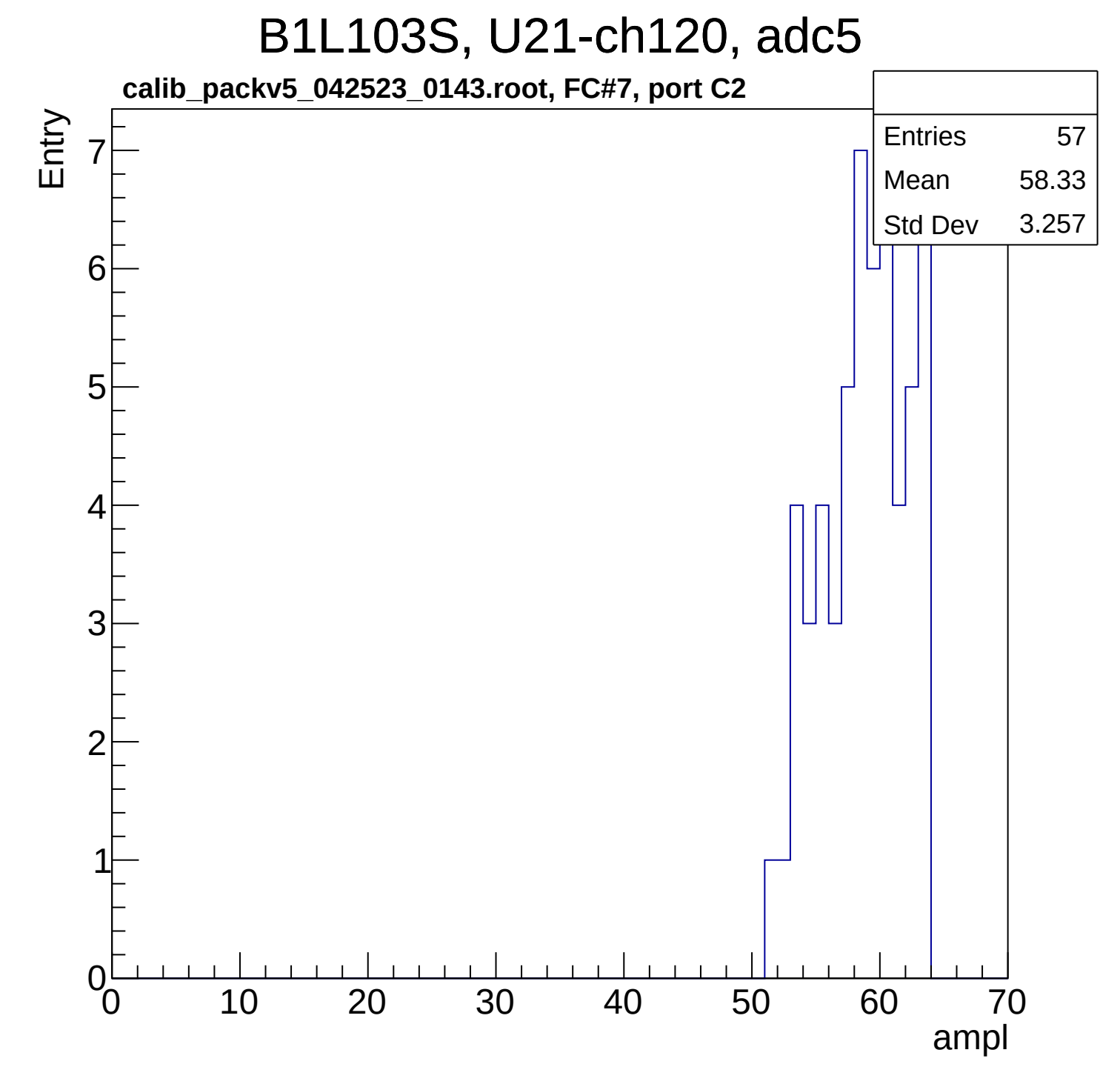
B1L103S, U21-ch120, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 57
Mean 58.33
Std Dev 3.257
Entry
ampl
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3
4
5
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0
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60
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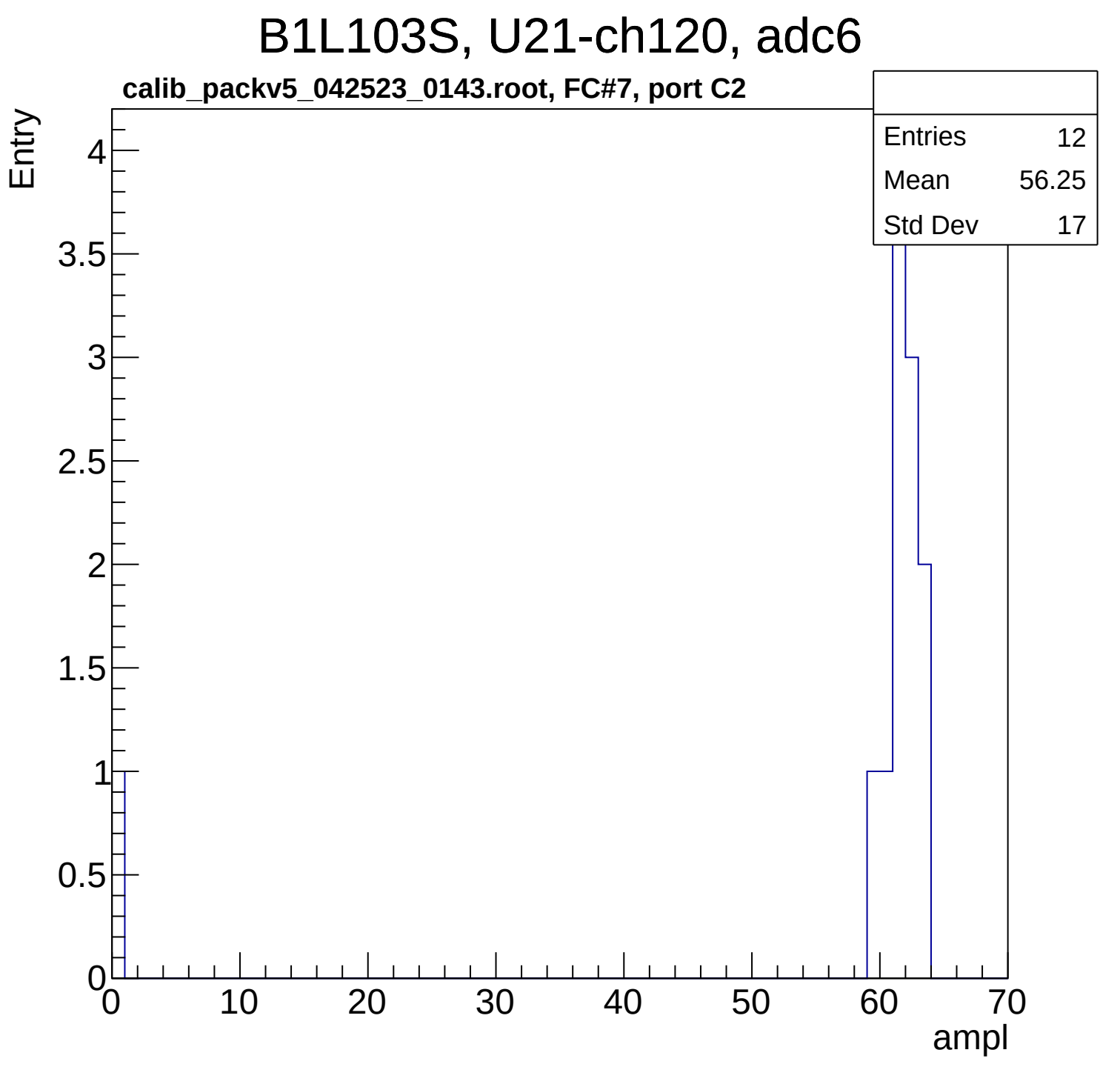
B1L103S, U21-ch120, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 12
Mean 56.25
Std Dev 17
Entry
ampl
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1.5
2
2.5
3
3.5
4
0
10
20
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40
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60
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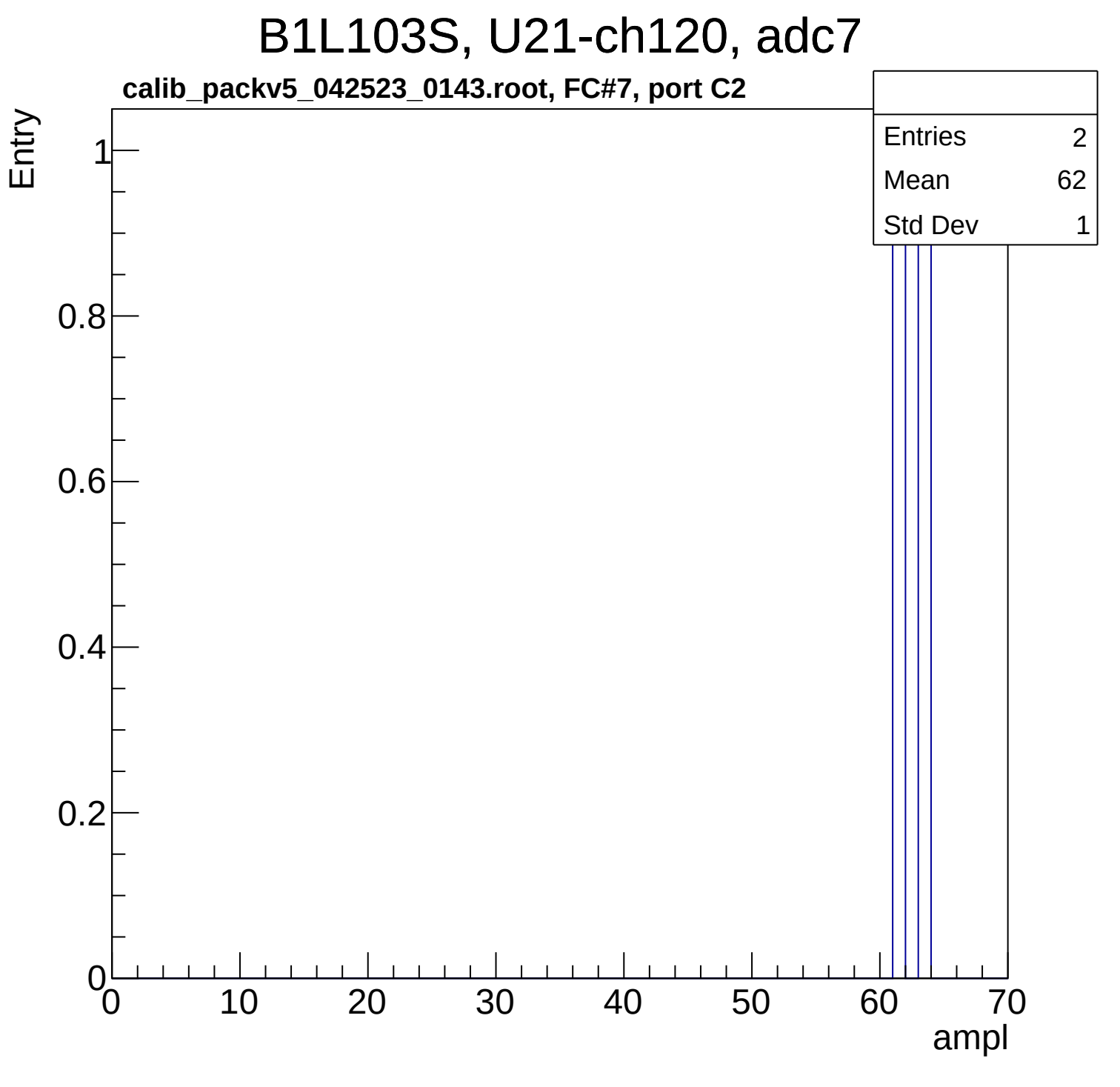
B1L103S, U21-ch120, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 62
Std Dev 1
Entry
ampl
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0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
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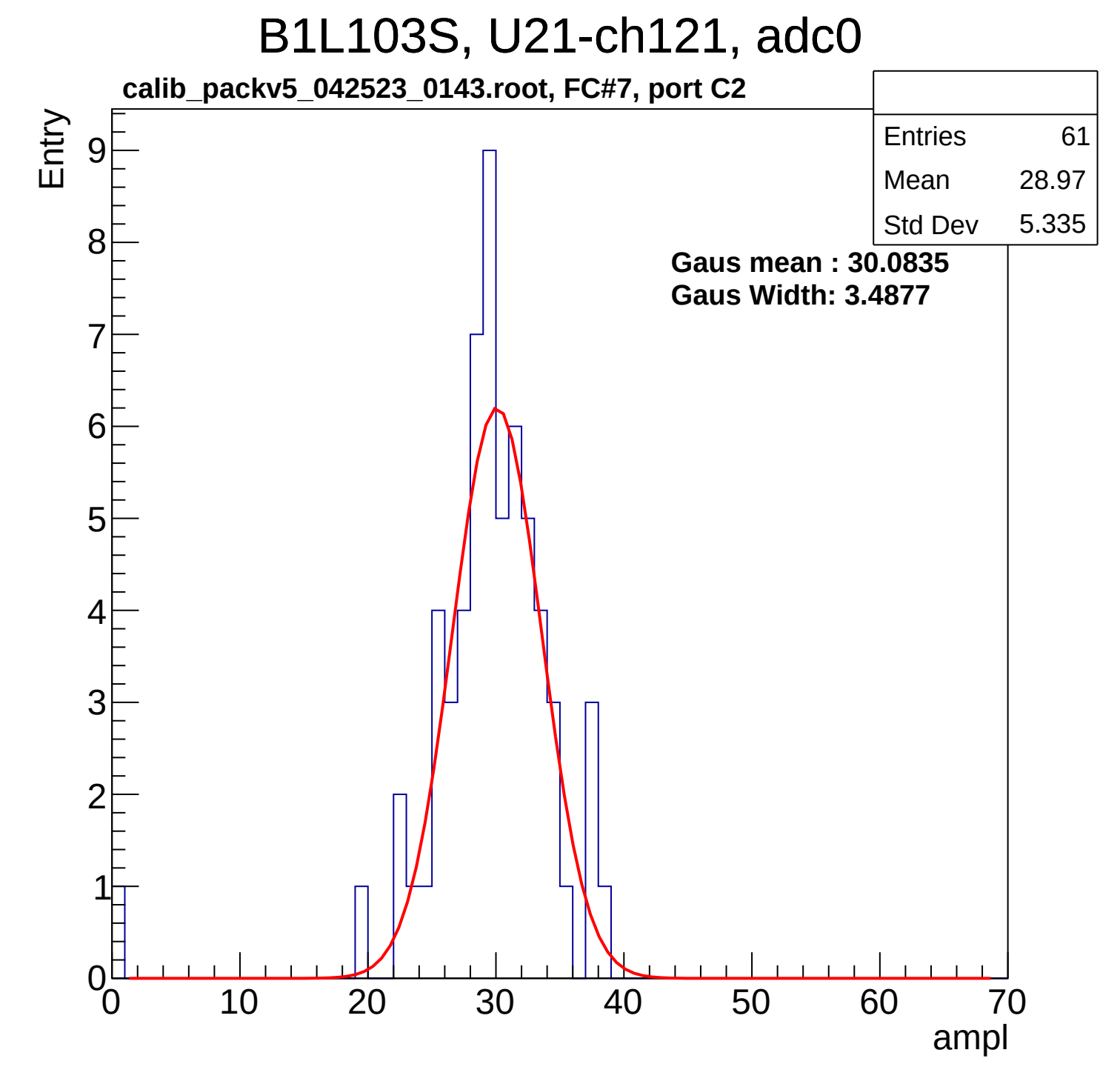
B1L103S, U21-ch121, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 28.97
Std Dev 5.335
Gaus mean : 30.0835
Gaus Width: 3.4877
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
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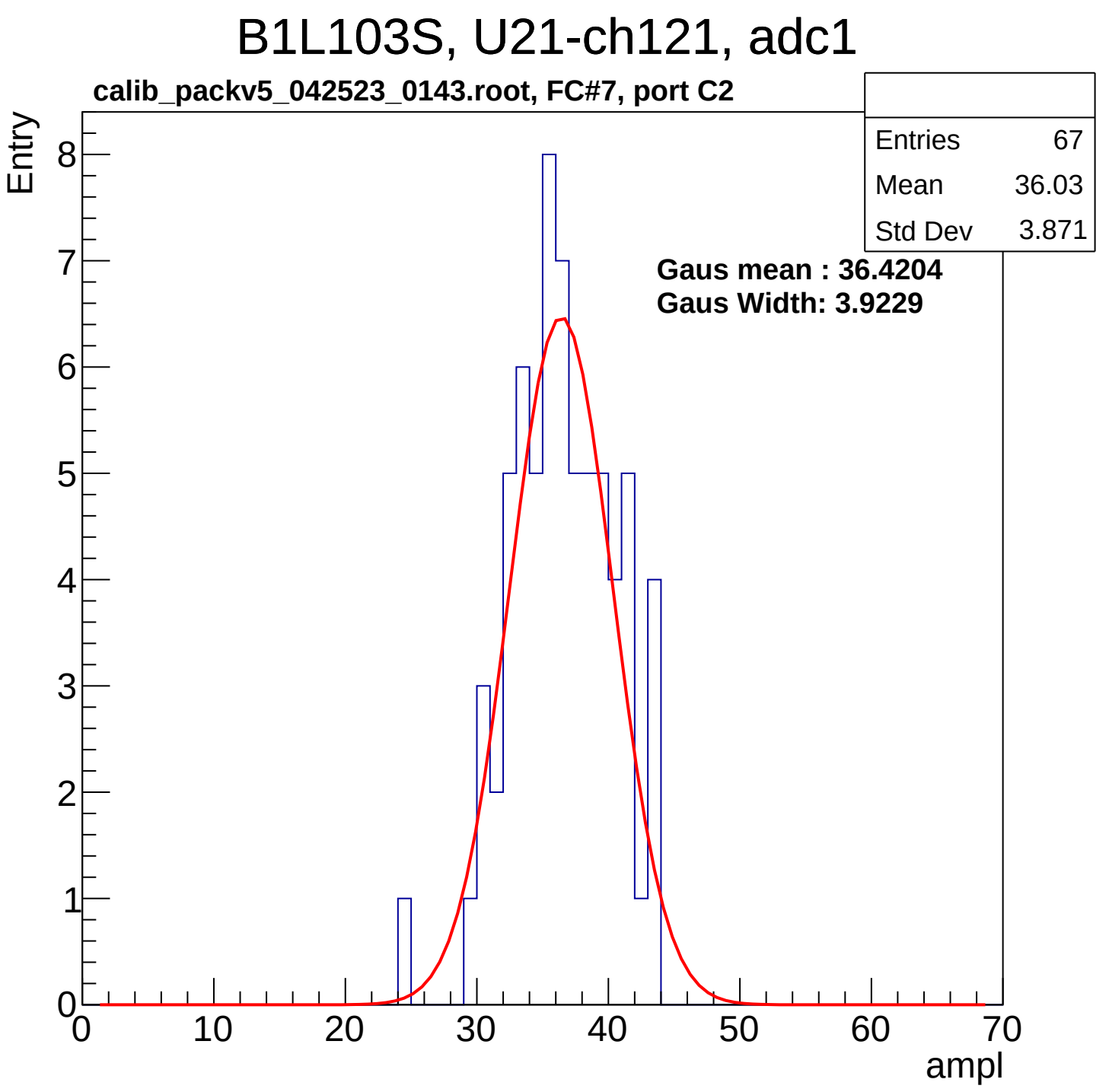
B1L103S, U21-ch121, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 67
Mean 36.03
Std Dev 3.871
Gaus mean : 36.4204
Gaus Width: 3.9229
Entry
ampl
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2
3
4
5
6
7
8
0
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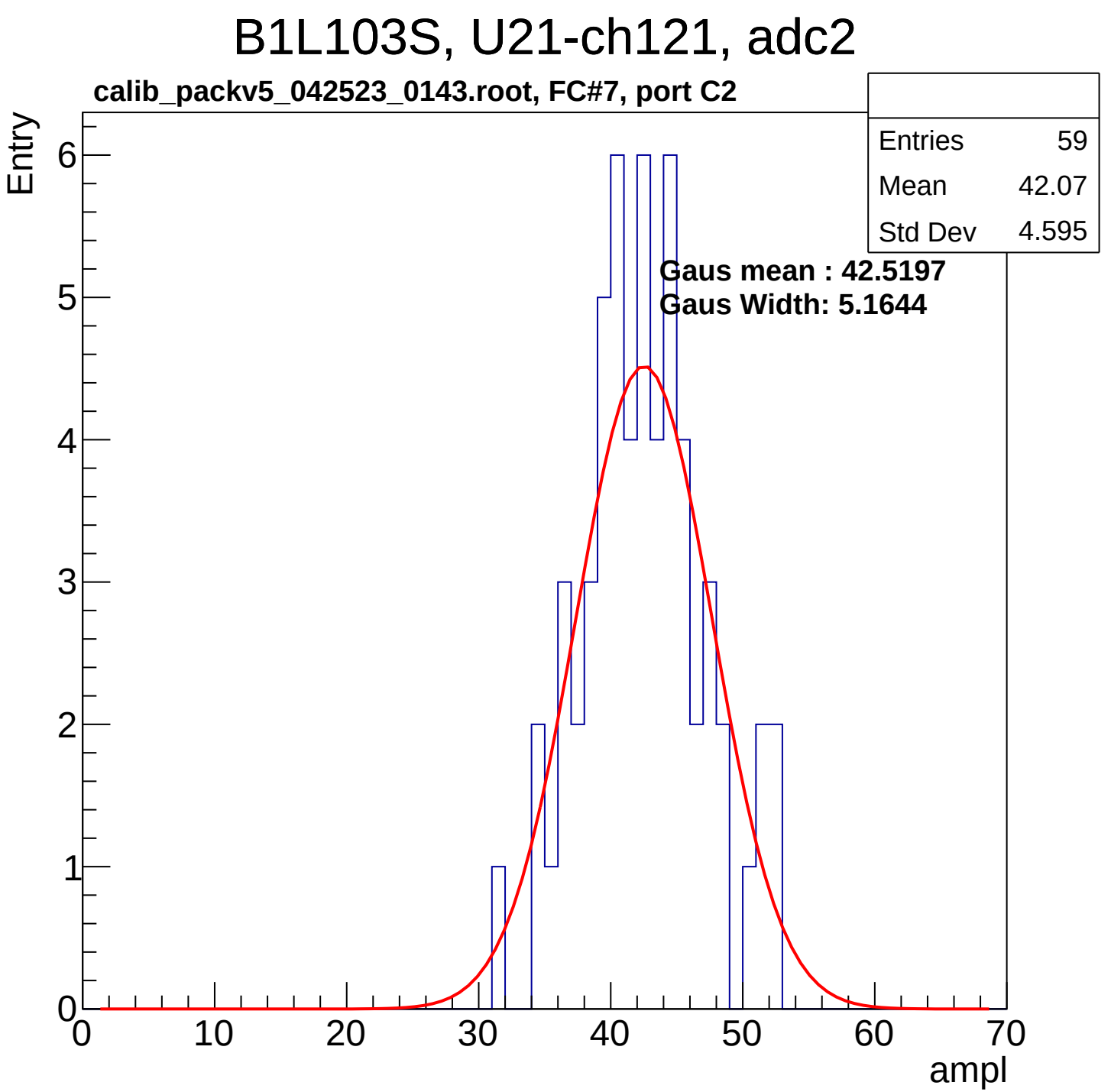
B1L103S, U21-ch121, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 42.07
Std Dev 4.595
Gaus mean : 42.5197
Gaus Width: 5.1644
Entry
ampl
0
1
2
3
4
5
6
0
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40
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60
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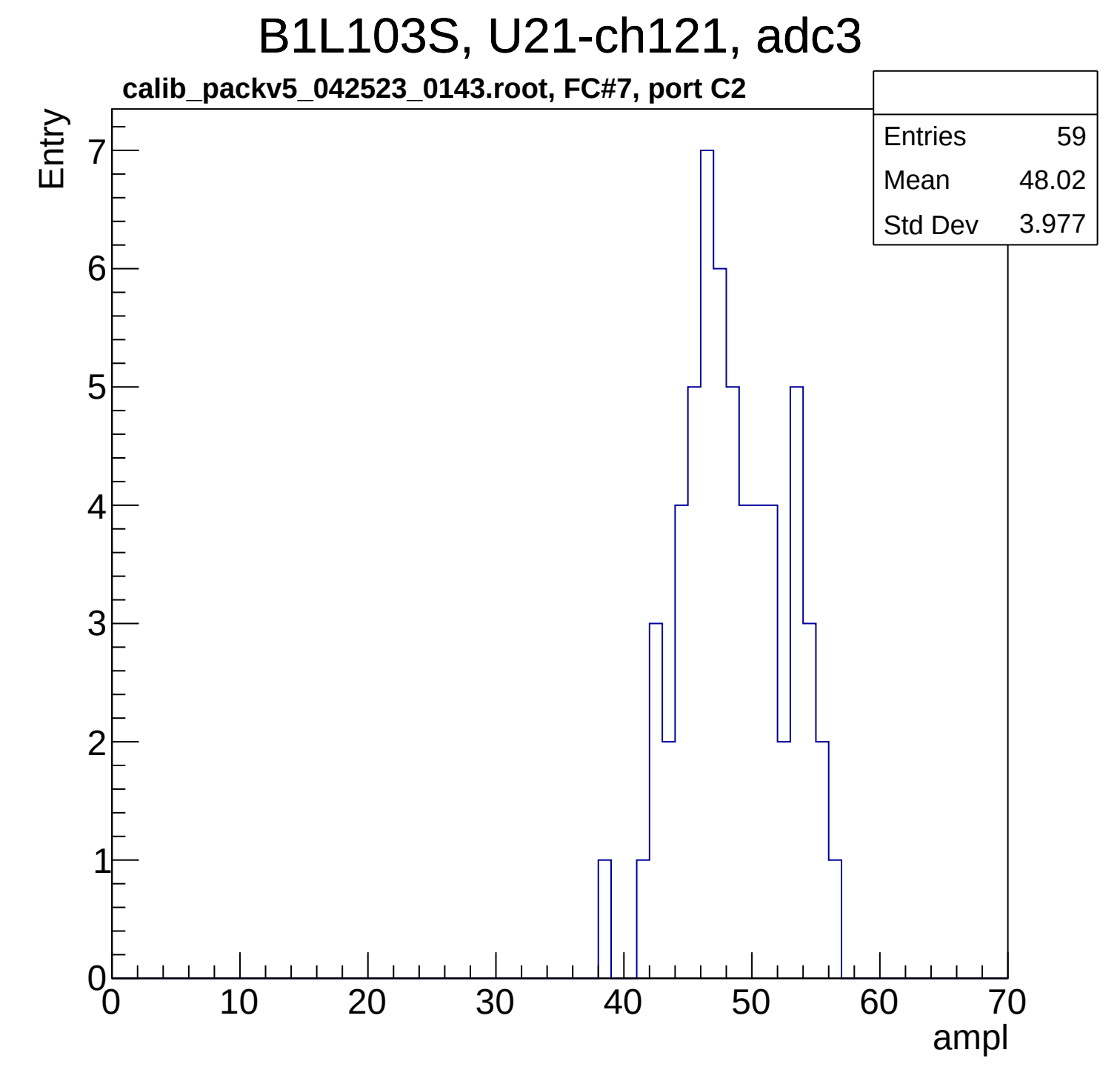
B1L103S, U21-ch121, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 48.02
Std Dev 3.977
Entry
ampl
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1
2
3
4
5
6
7
0
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40
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60
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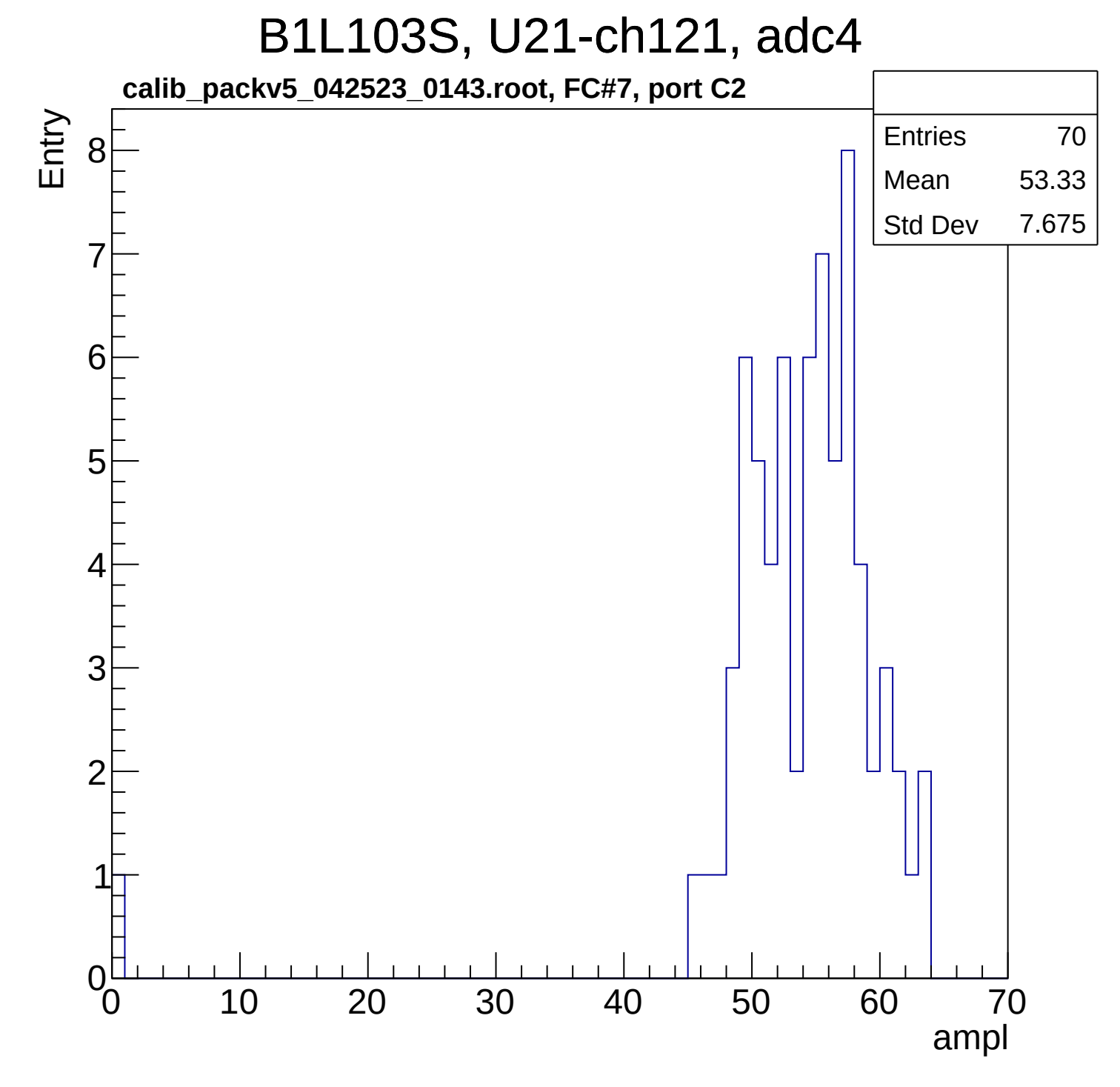
B1L103S, U21-ch121, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 53.33
Std Dev 7.675
Entry
ampl
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1
2
3
4
5
6
7
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0
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20
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40
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60
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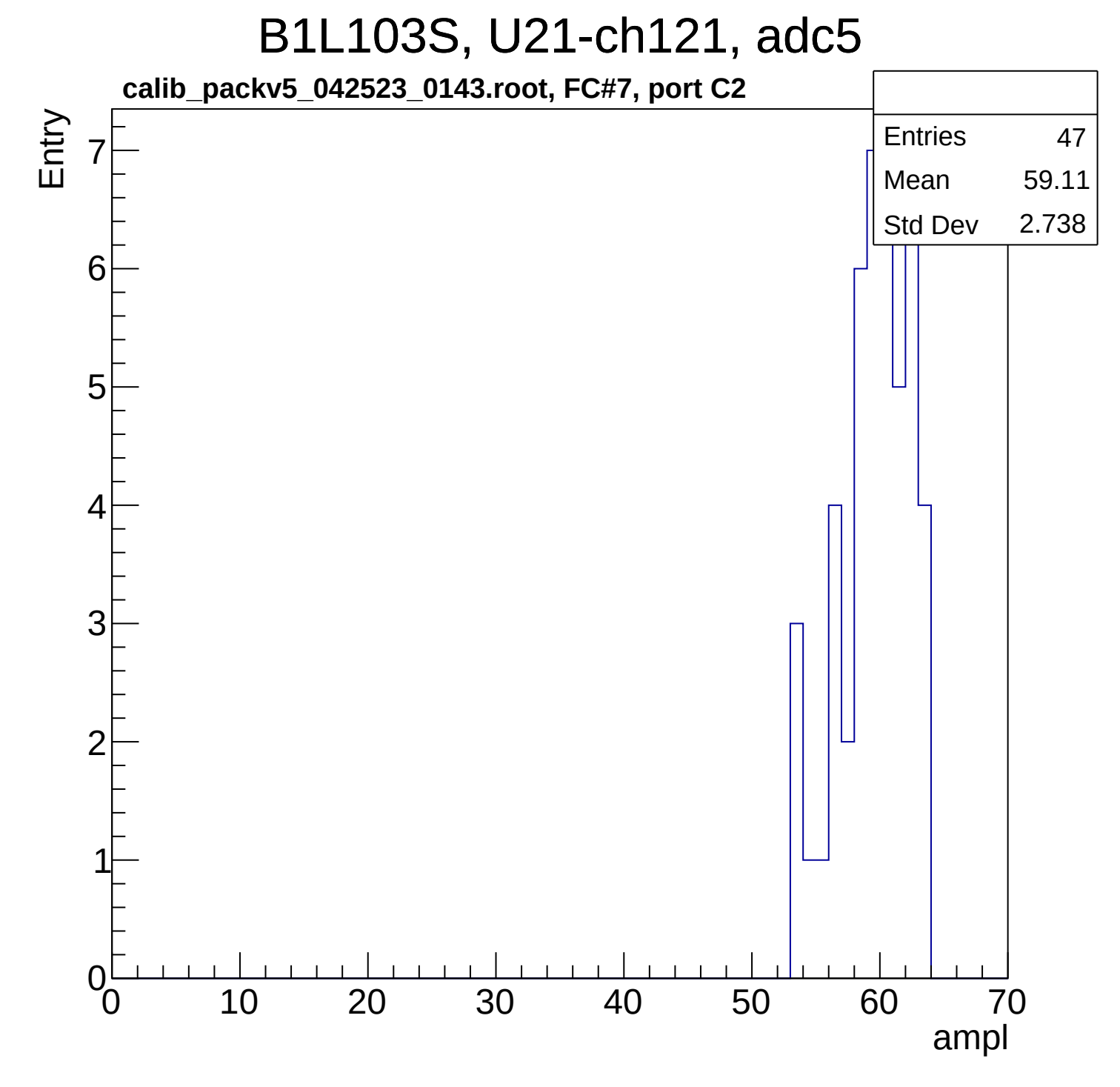
B1L103S, U21-ch121, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 47
Mean 59.11
Std Dev 2.738
Entry
ampl
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0
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20
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40
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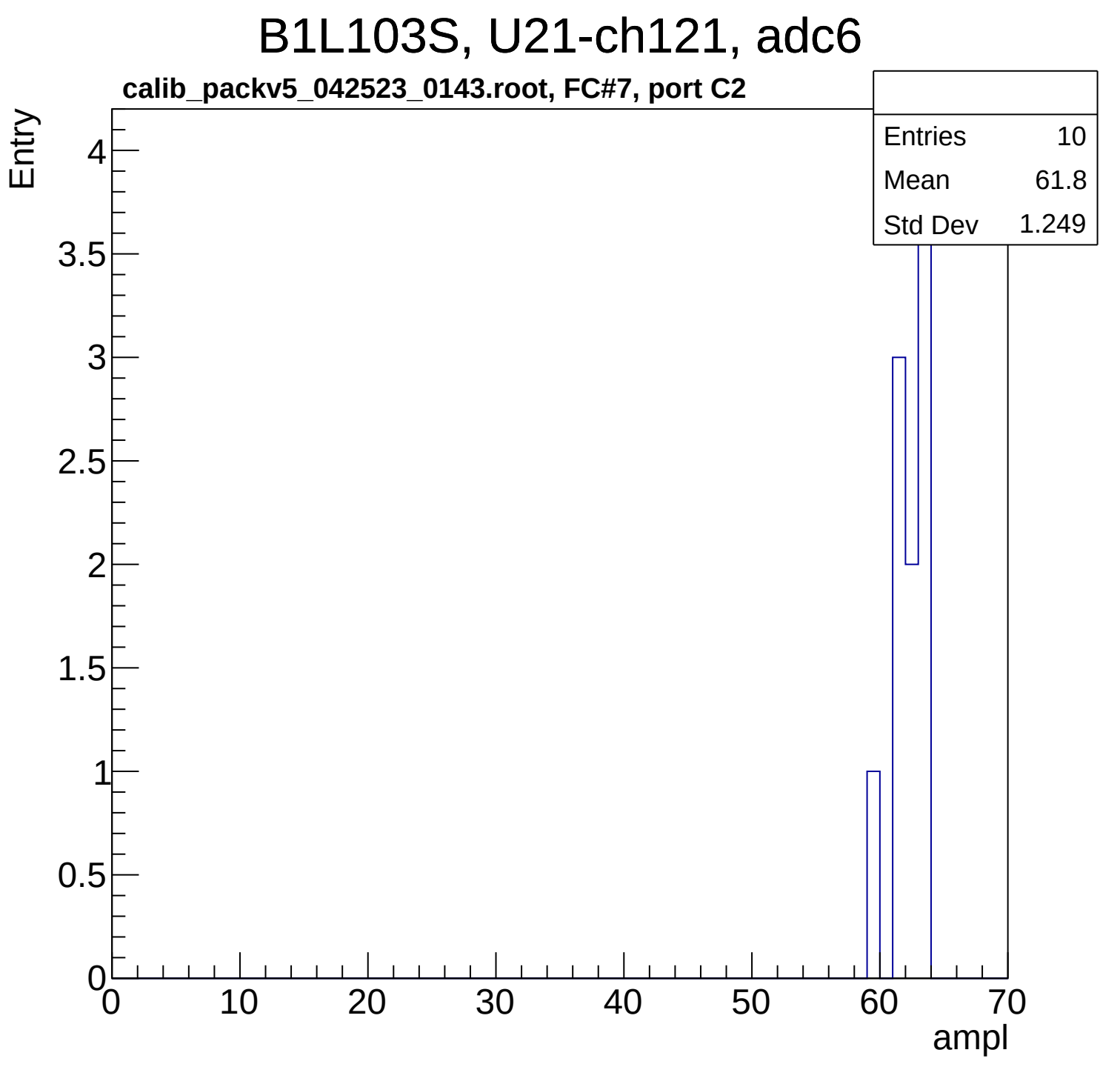
B1L103S, U21-ch121, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 10
Mean 61.8
Std Dev 1.249
Entry
ampl
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1.5
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2.5
3
3.5
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0
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60
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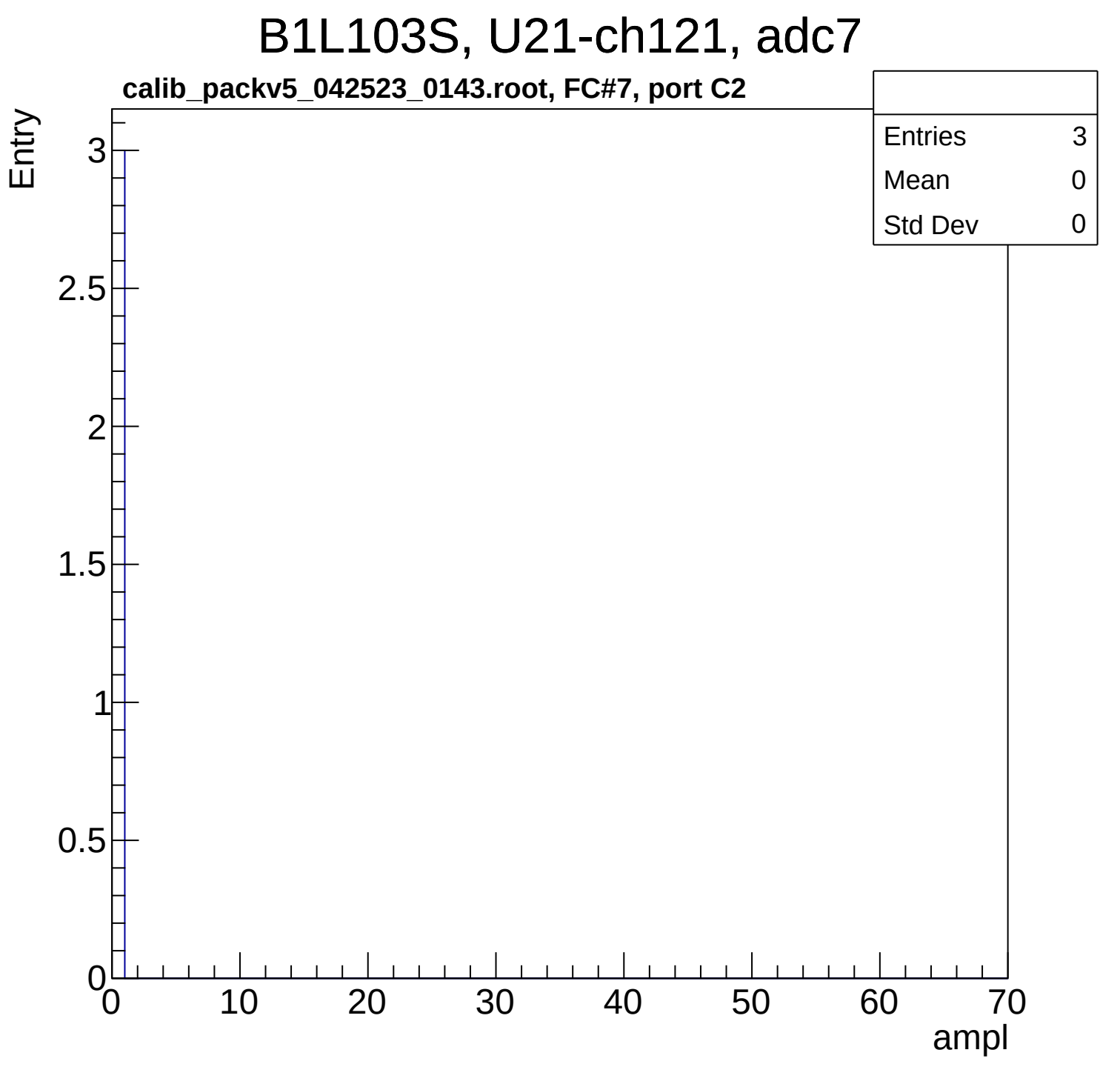
B1L103S, U21-ch121, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 3
Mean 0
Std Dev 0
Entry
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1
1.5
2
2.5
3
0
10
20
30
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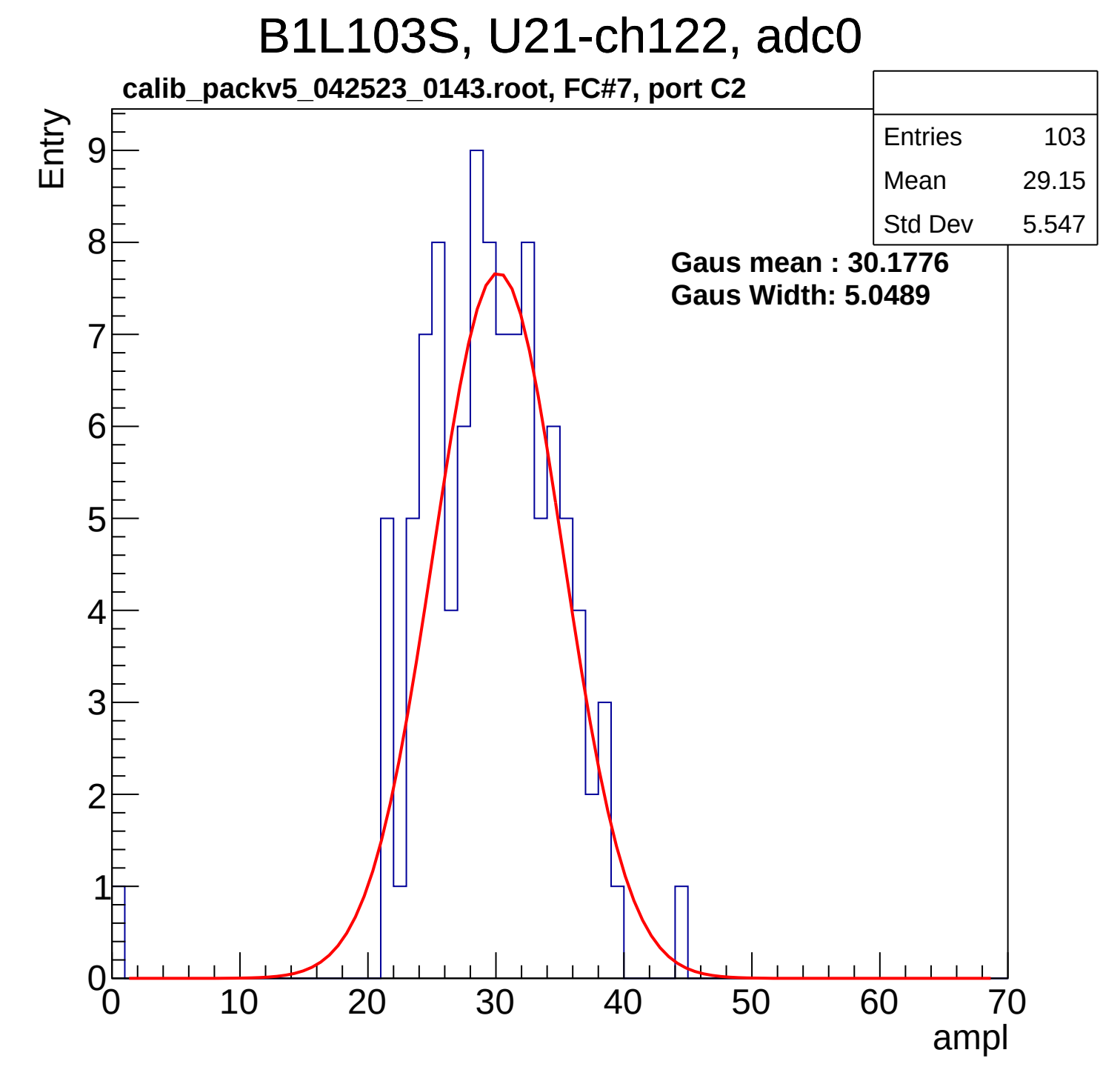
50
60
70
ampl


B1L103S, U21-ch122, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 103
Mean 29.15
Std Dev 5.547
Gaus mean : 30.1776
Gaus Width: 5.0489
Entry
ampl
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3
4
5
6
7
8
9
0
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20
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40
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60
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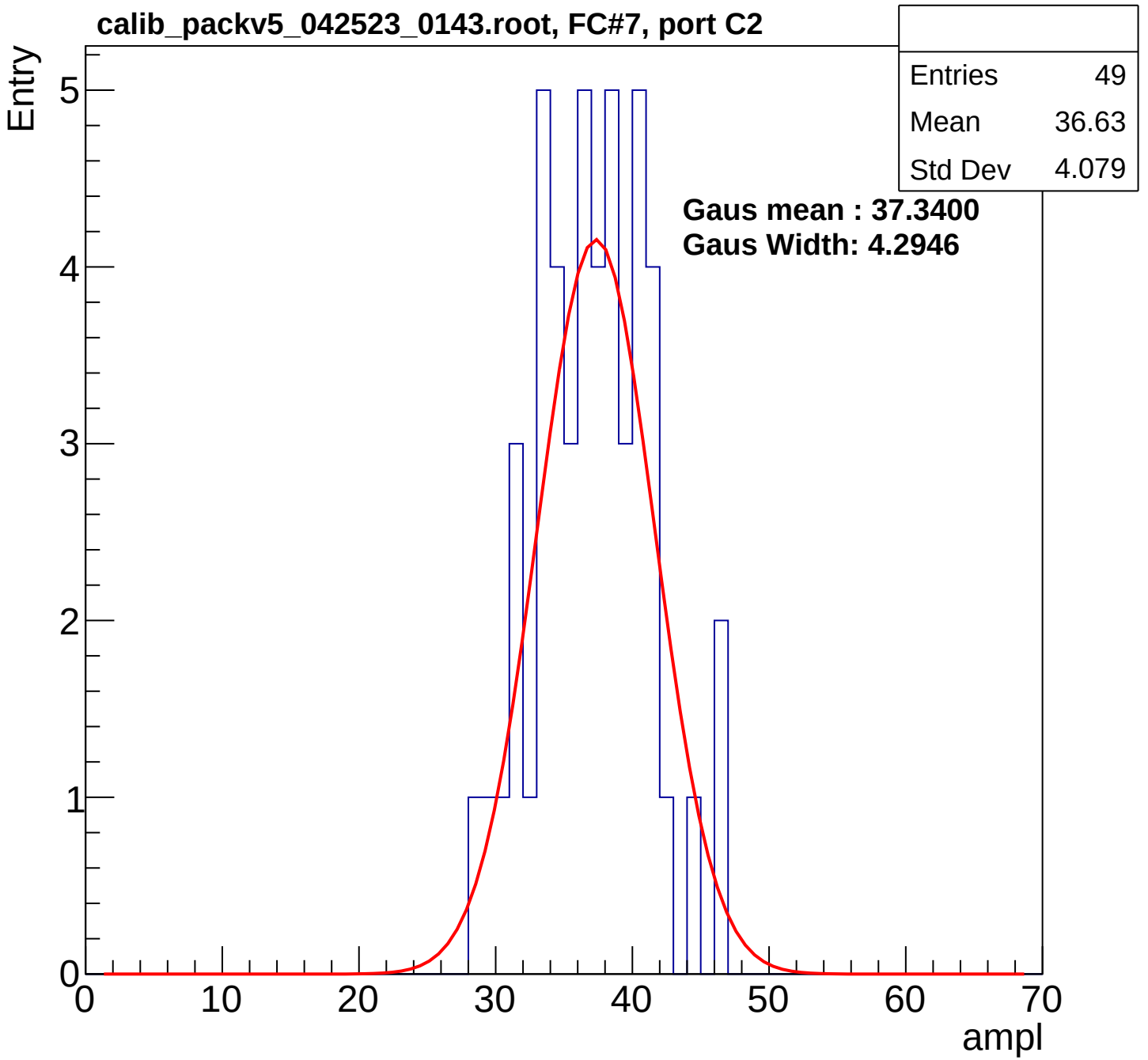
B1L103S, U21-ch122, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 36.63
Std Dev 4.079
Gaus mean : 37.3400
Gaus Width: 4.2946
Entry
ampl
0
1
2
3
4
5
0
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20
30
40
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60
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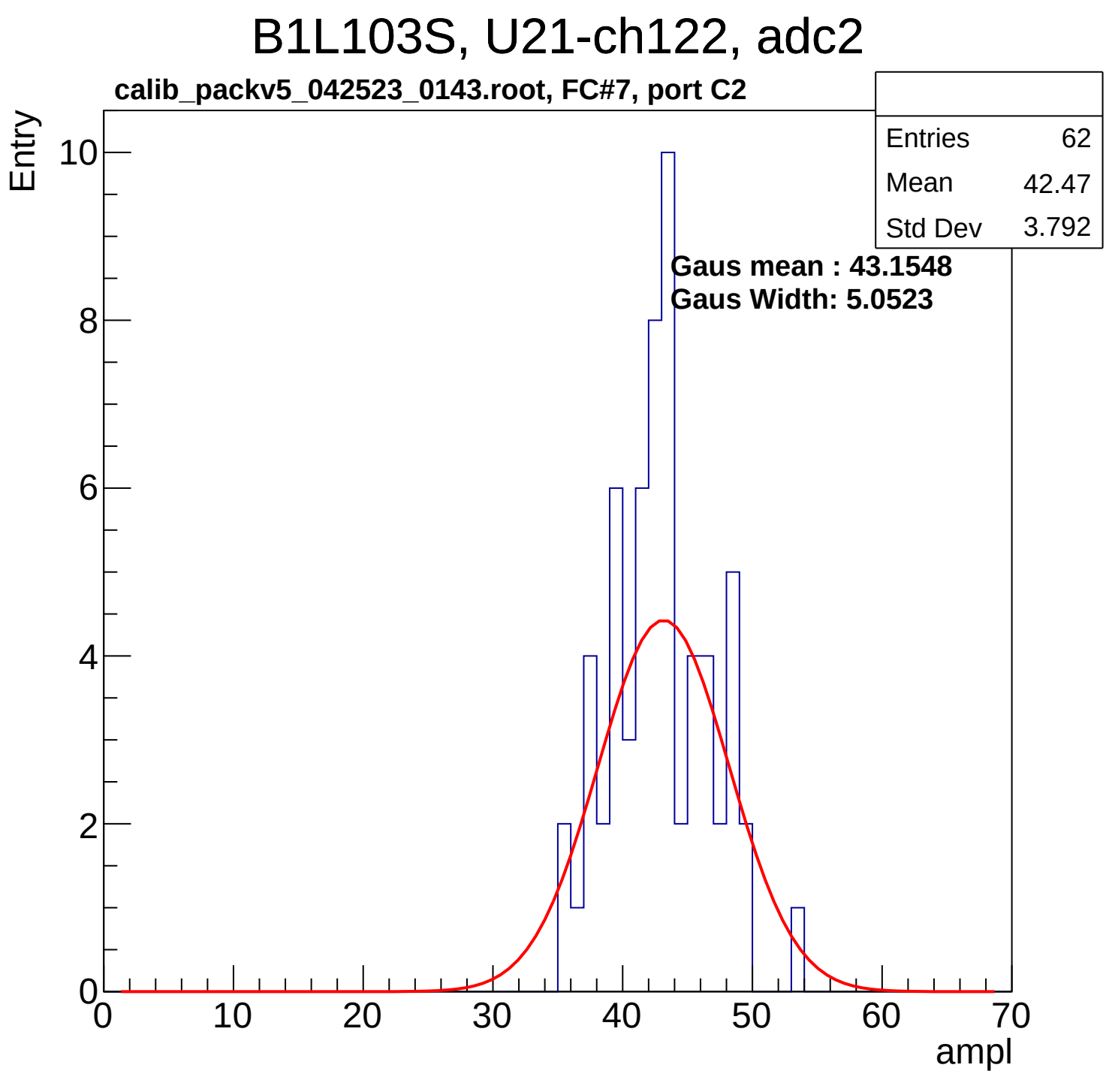
B1L103S, U21-ch122, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 42.47
Std Dev 3.792
Gaus mean : 43.1548
Gaus Width: 5.0523
Entry
ampl
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4
6
8
10
0
10
20
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40
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60
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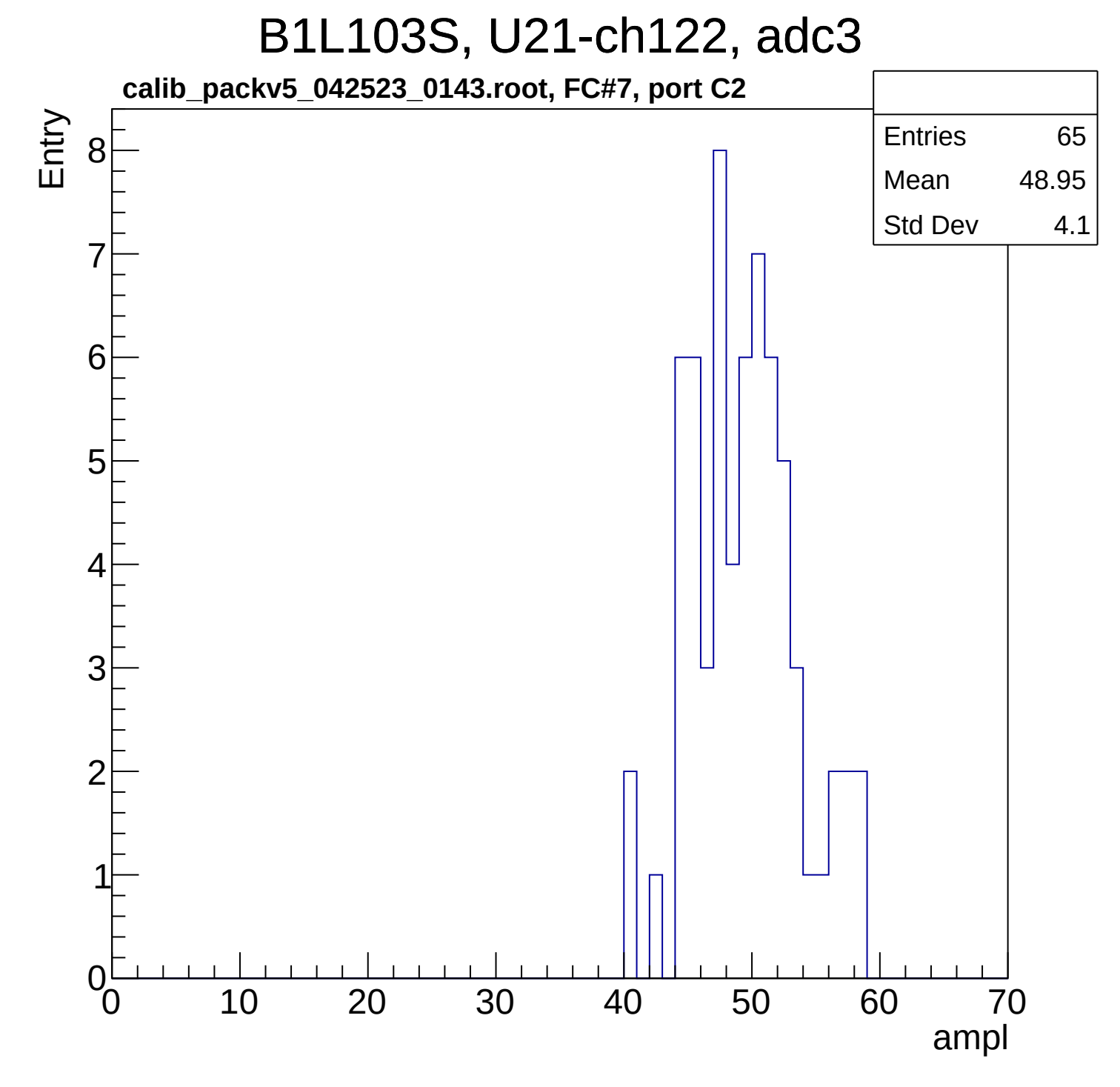
B1L103S, U21-ch122, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 48.95
Std Dev 4.1
Entry
ampl
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2
3
4
5
6
7
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0
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40
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60
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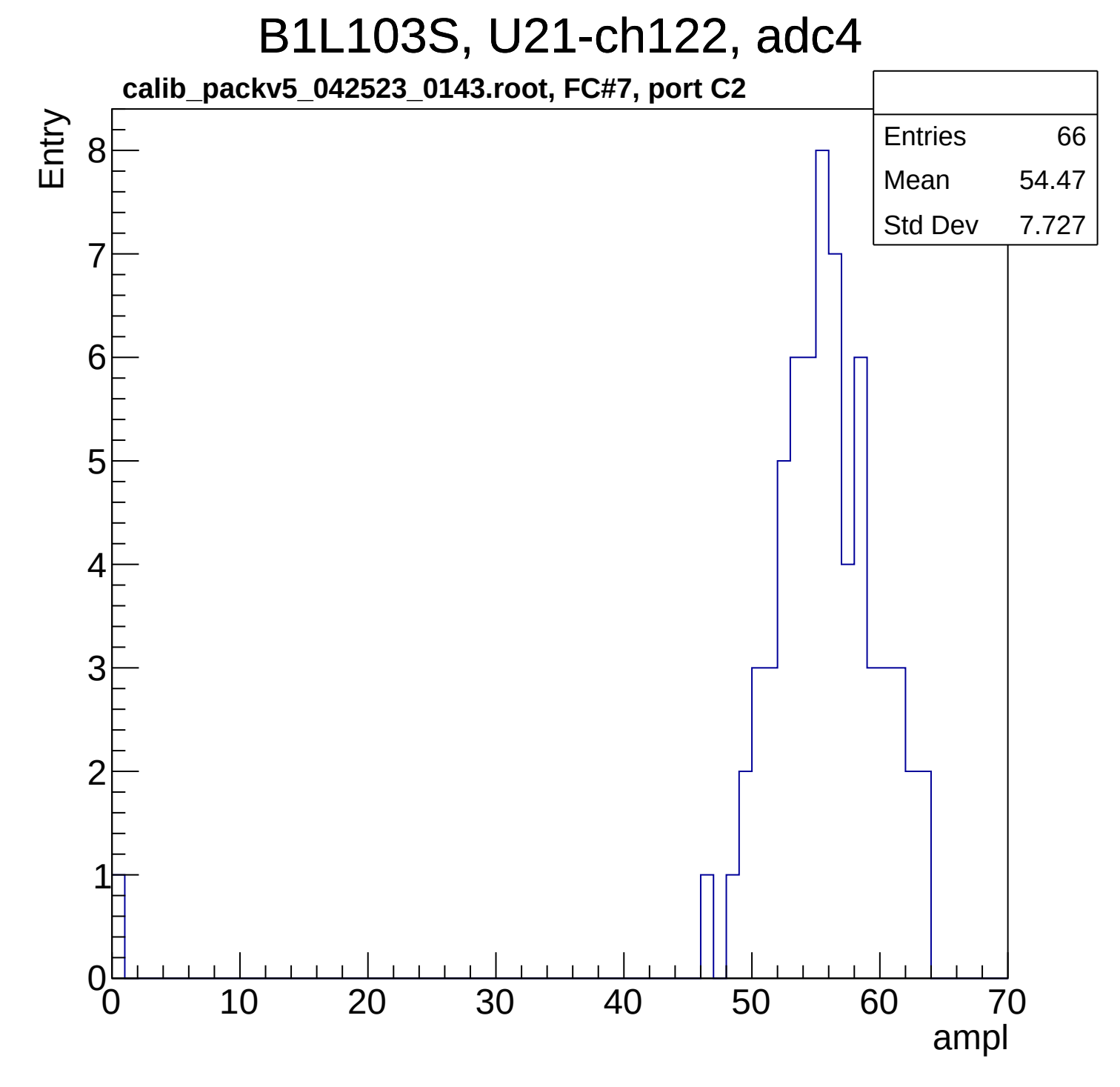
B1L103S, U21-ch122, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 54.47
Std Dev 7.727
Entry
ampl
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3
4
5
6
7
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0
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40
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60
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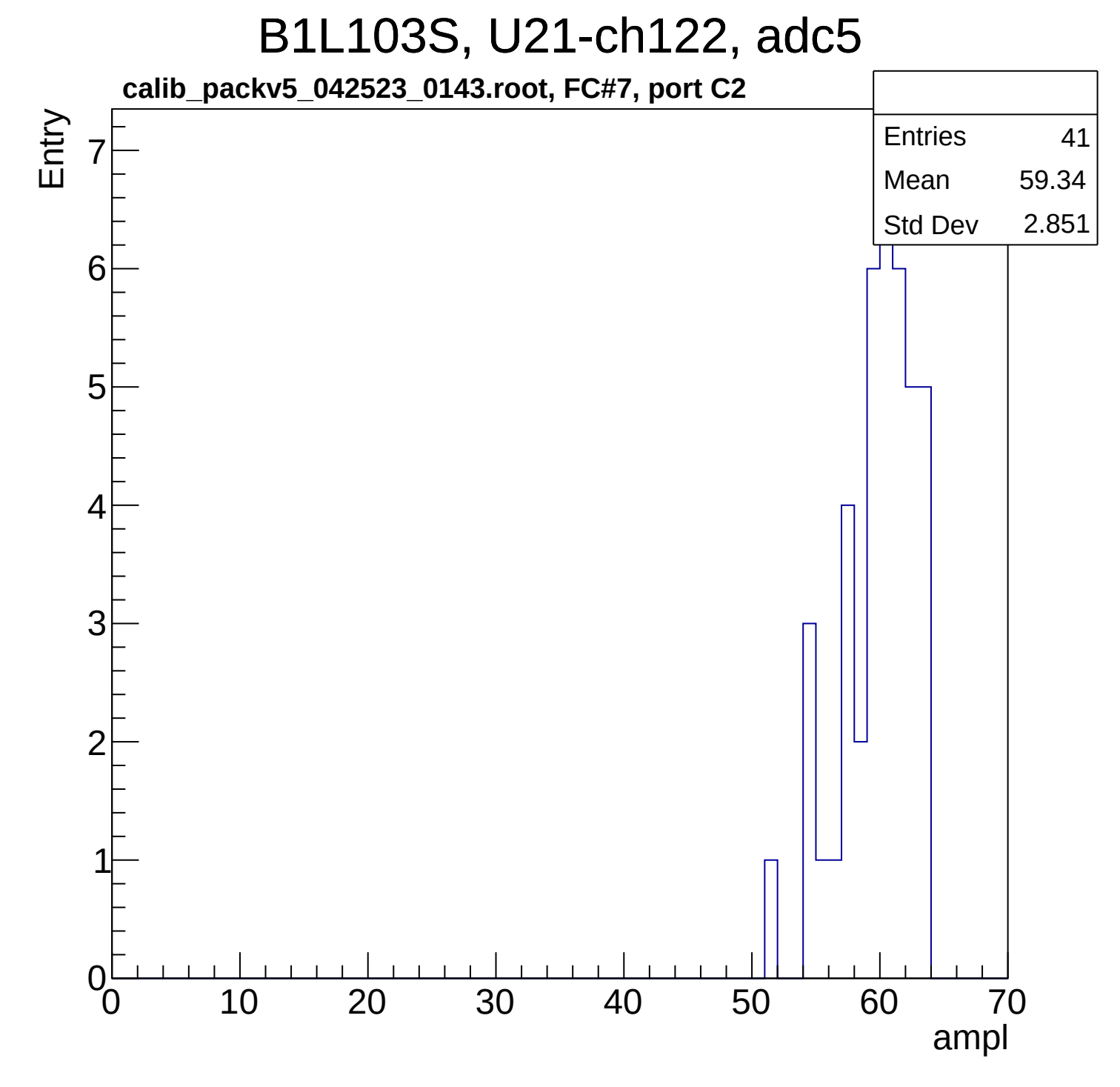
B1L103S, U21-ch122, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 41
Mean 59.34
Std Dev 2.851
Entry
ampl
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1
2
3
4
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0
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40
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60
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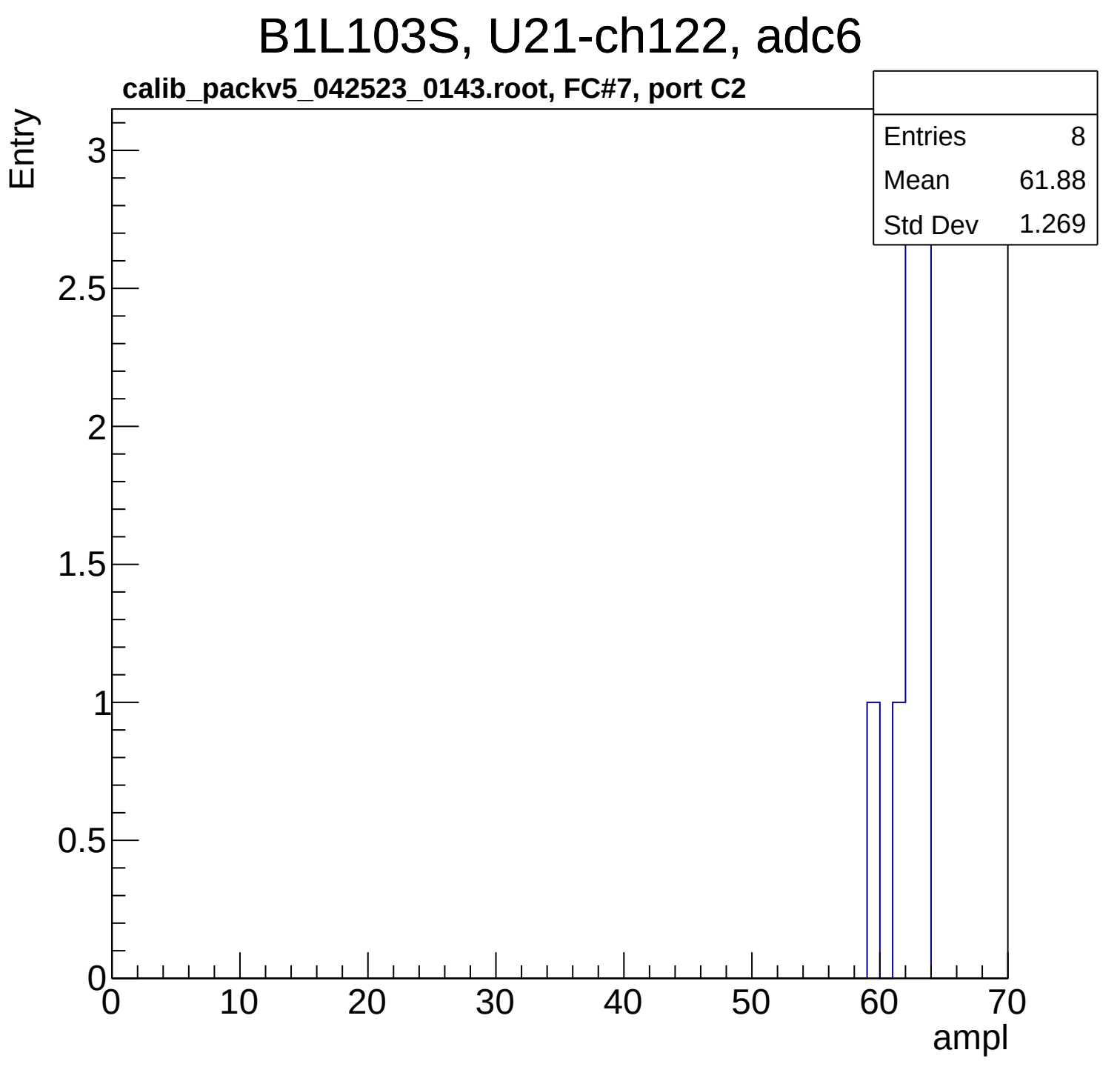
B1L103S, U21-ch122, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 8
Mean 61.88
Std Dev 1.269
Entry
ampl
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0.5
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1.5
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3
0
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20
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60
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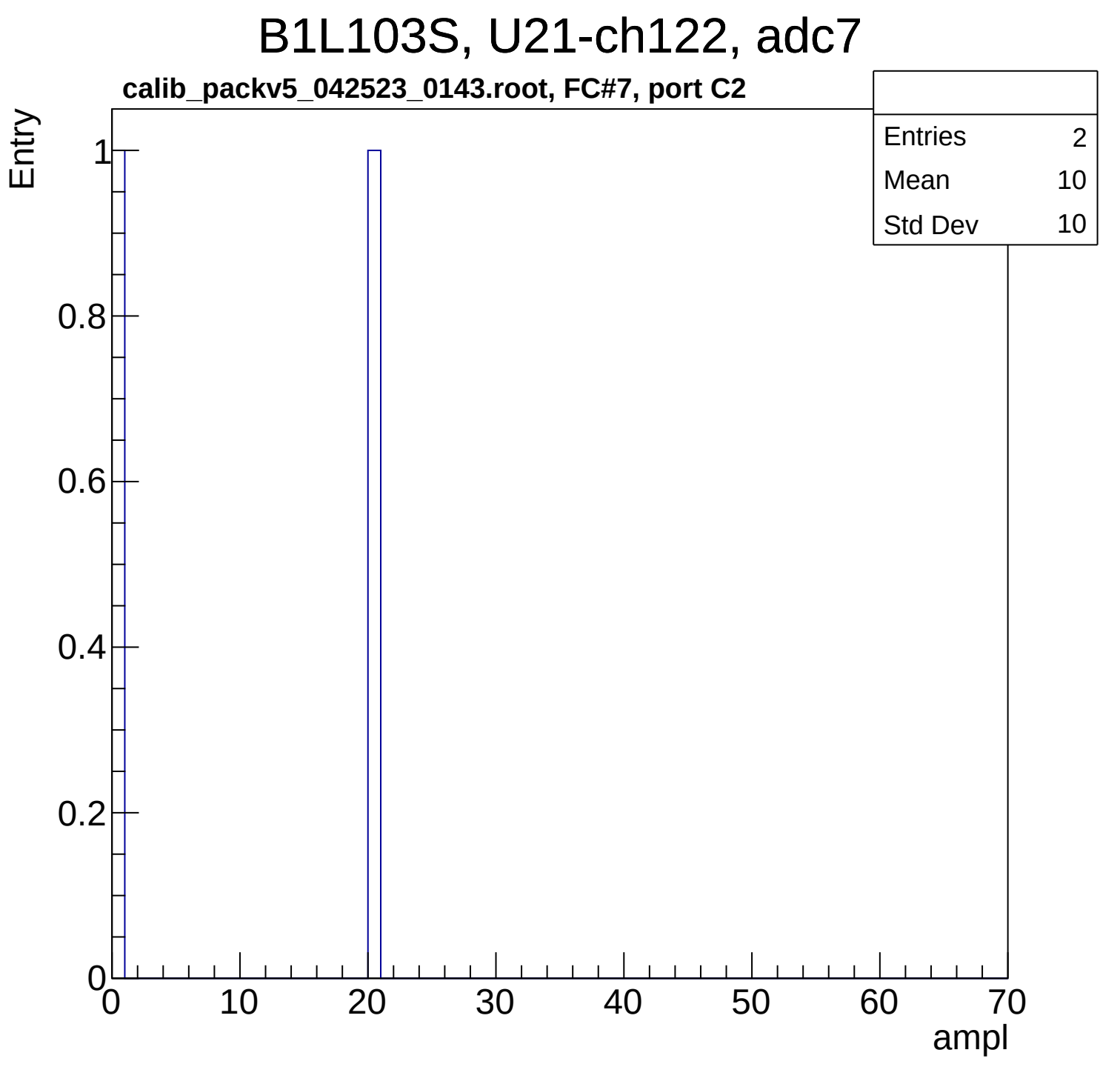
B1L103S, U21-ch122, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 2
Mean 10
Std Dev 10
Entry
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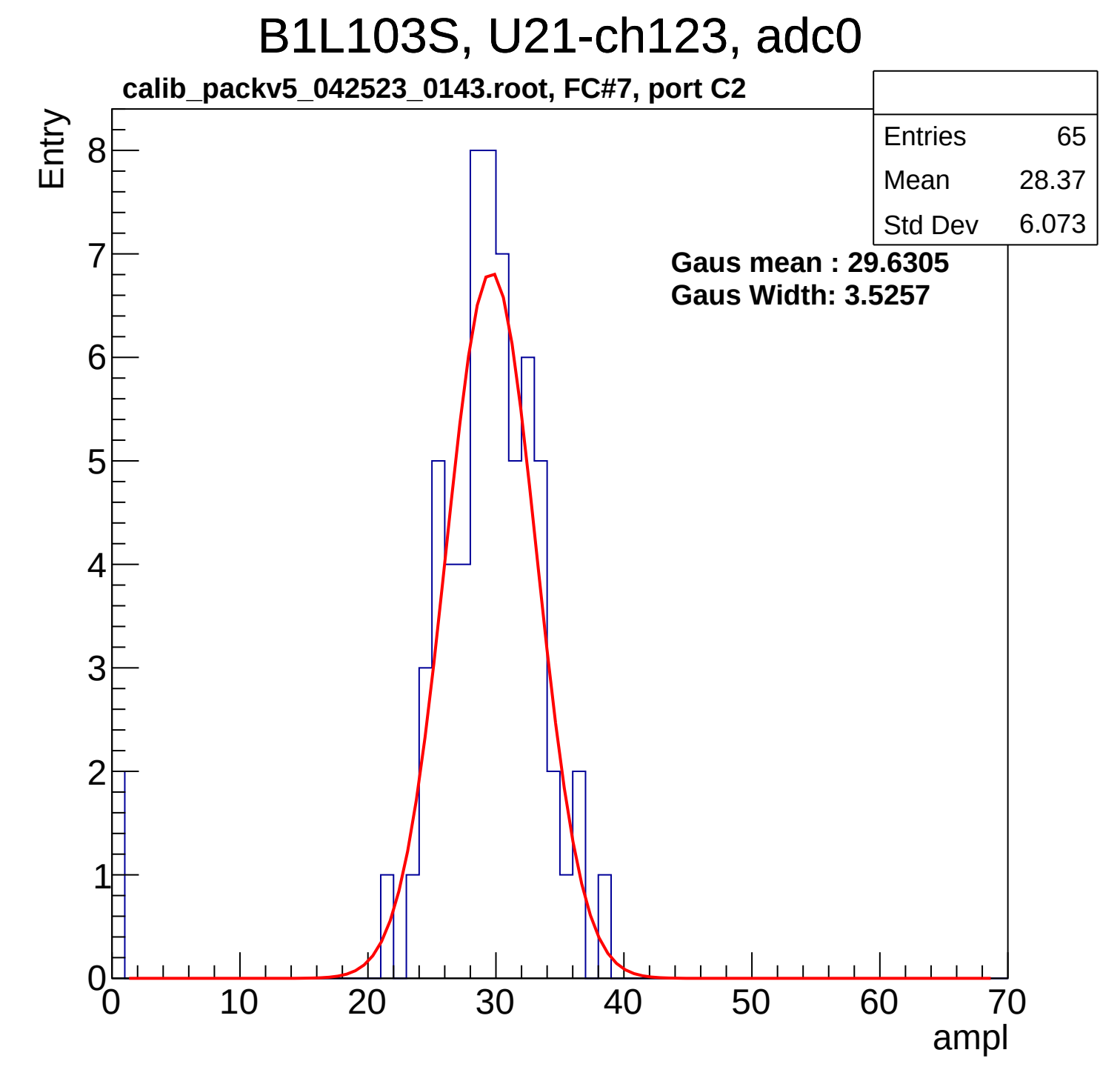
50
60
70
ampl


B1L103S, U21-ch123, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 28.37
Std Dev 6.073
Gaus mean : 29.6305
Gaus Width: 3.5257
Entry
ampl
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4
5
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0
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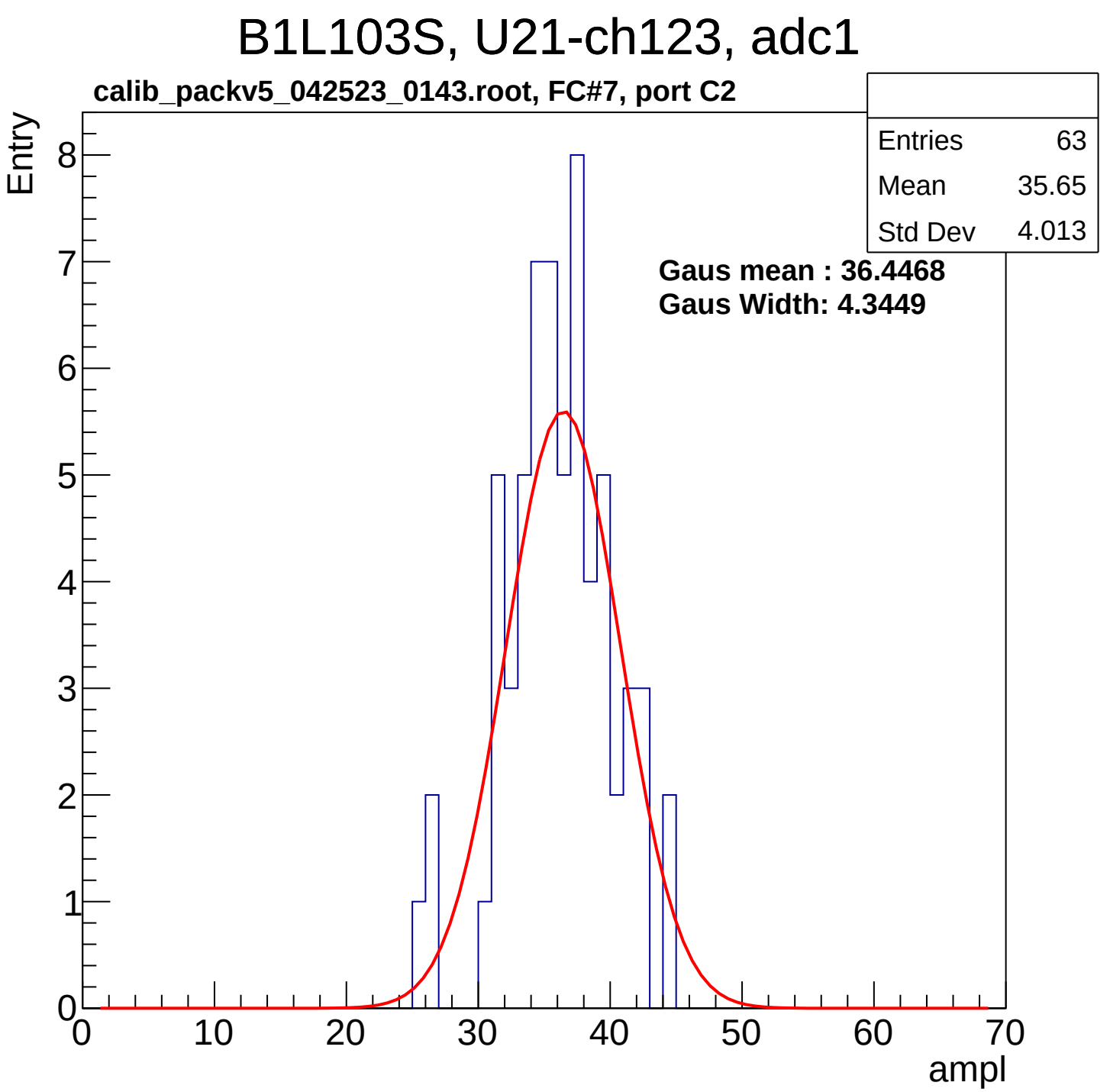
B1L103S, U21-ch123, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 35.65
Std Dev 4.013
Gaus mean : 36.4468
Gaus Width: 4.3449
Entry
ampl
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5
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0
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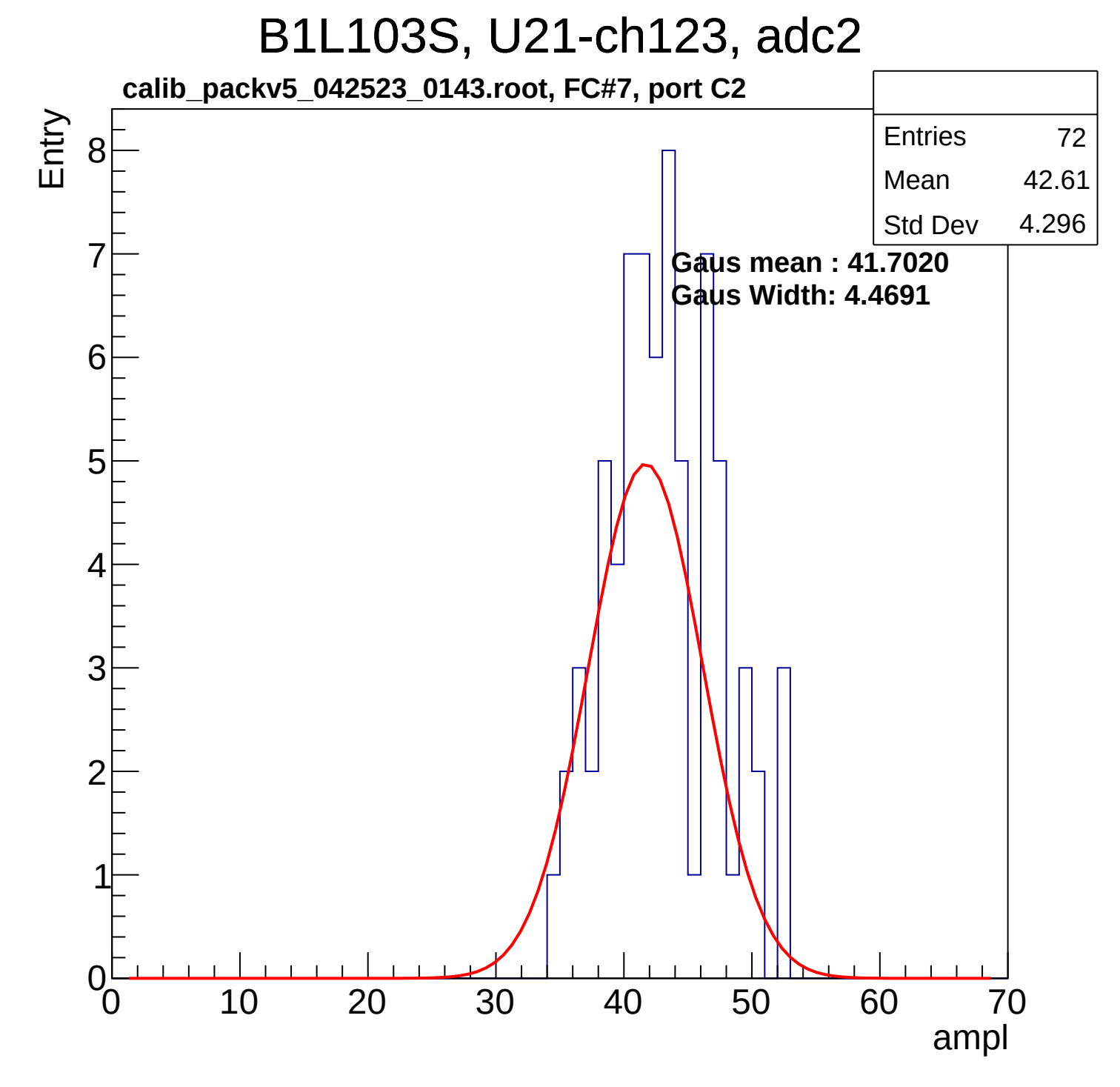
B1L103S, U21-ch123, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 42.61
Std Dev 4.296
Gaus mean : 41.7020
Gaus Width: 4.4691
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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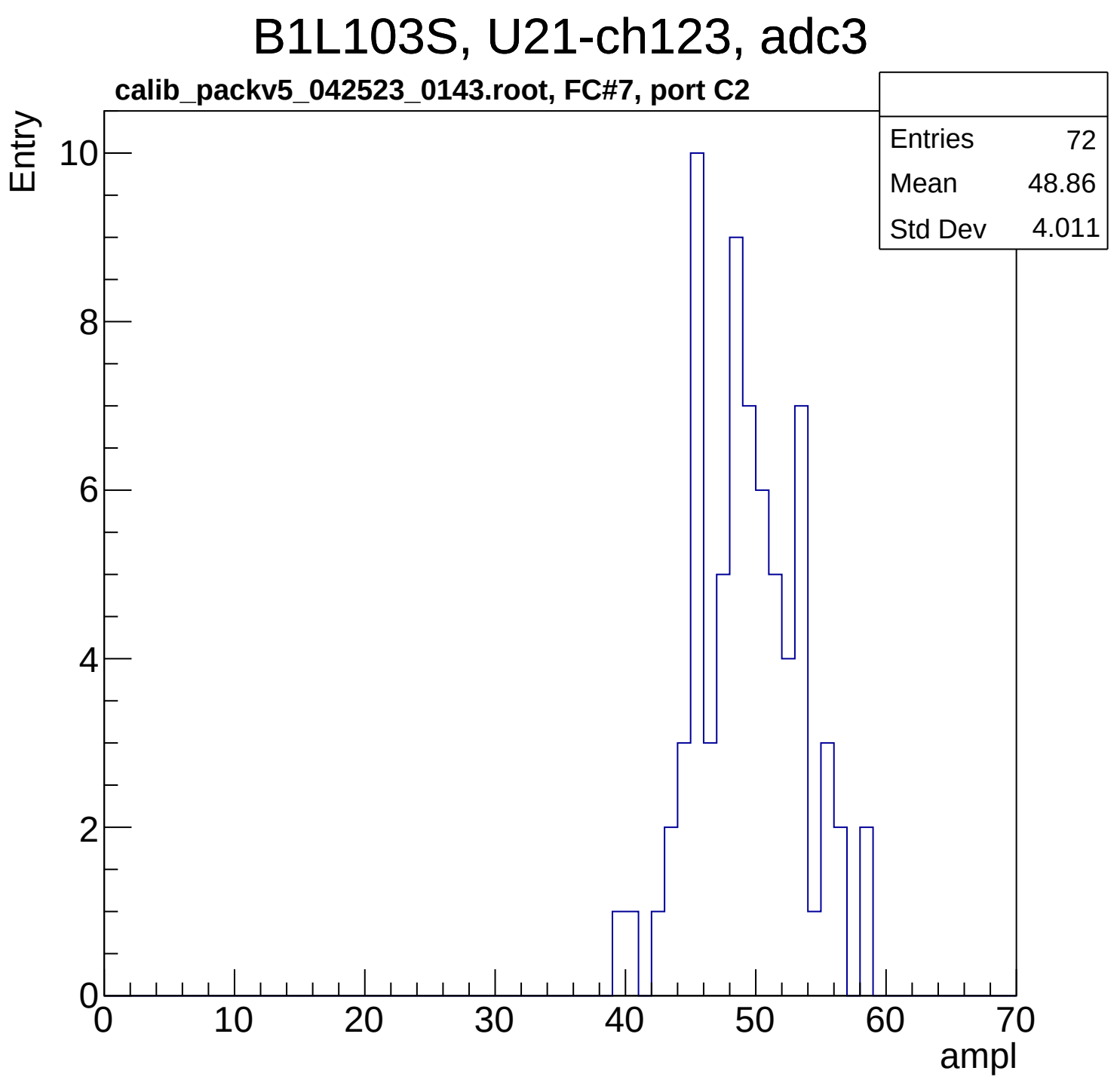
60
70


B1L103S, U21-ch123, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 48.86
Std Dev 4.011
Entry
ampl
0
2
4
6
8
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40
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60
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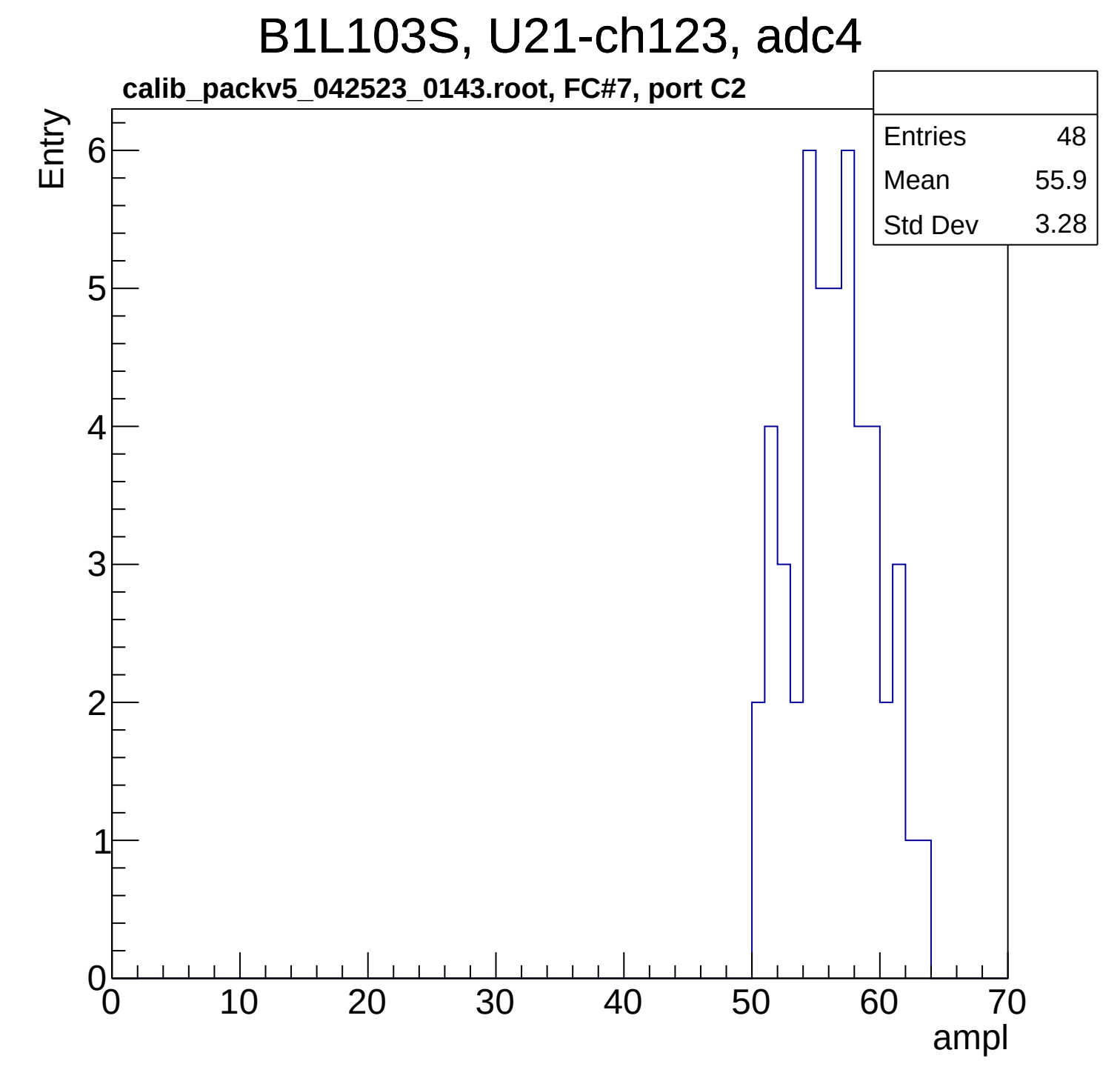
B1L103S, U21-ch123, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 48
Mean 55.9
Std Dev 3.28
Entry
0
1
2
3
4
5
6
0
10
20
30
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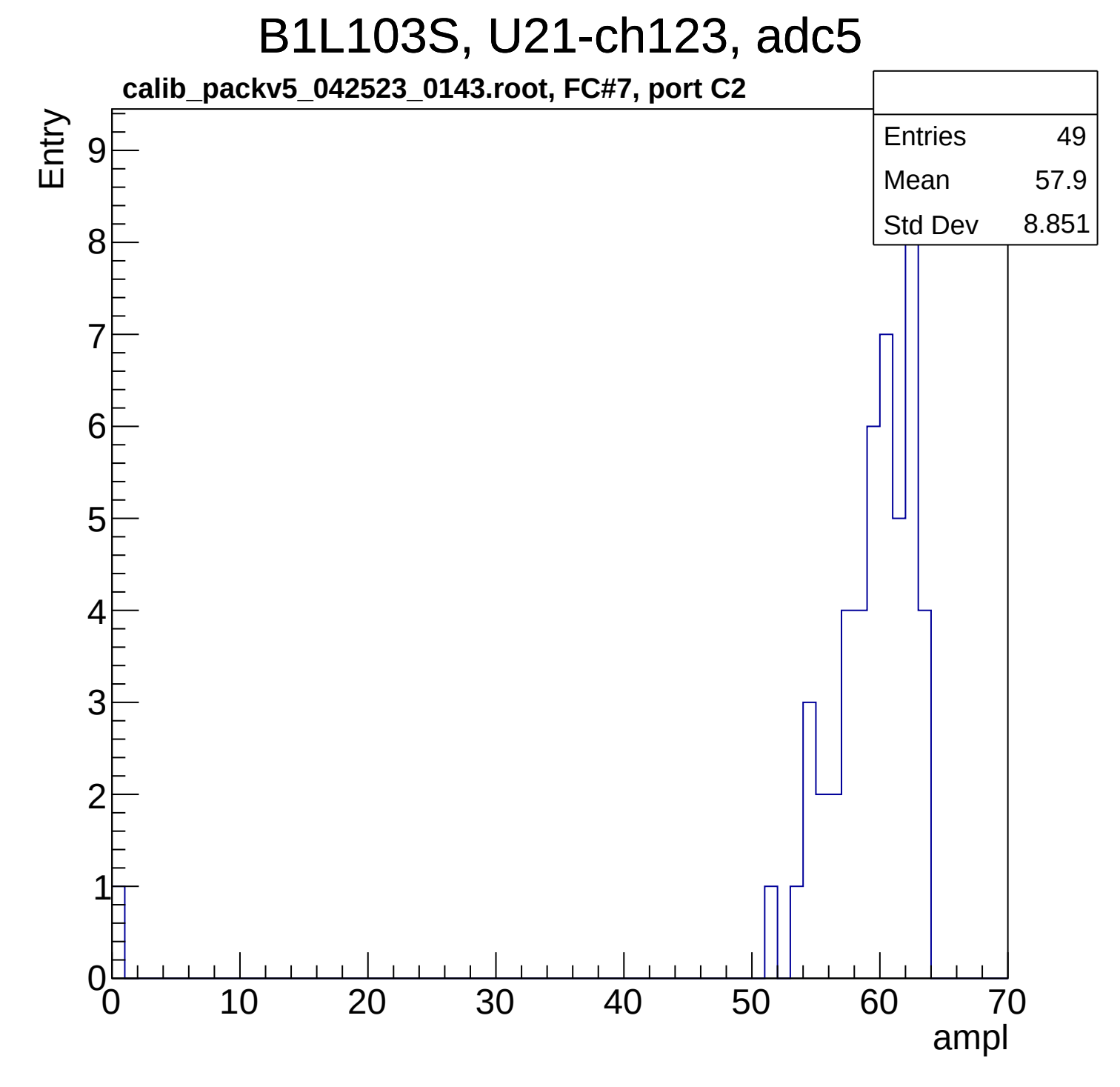
50
60
70
ampl


B1L103S, U21-ch123, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 57.9
Std Dev 8.851
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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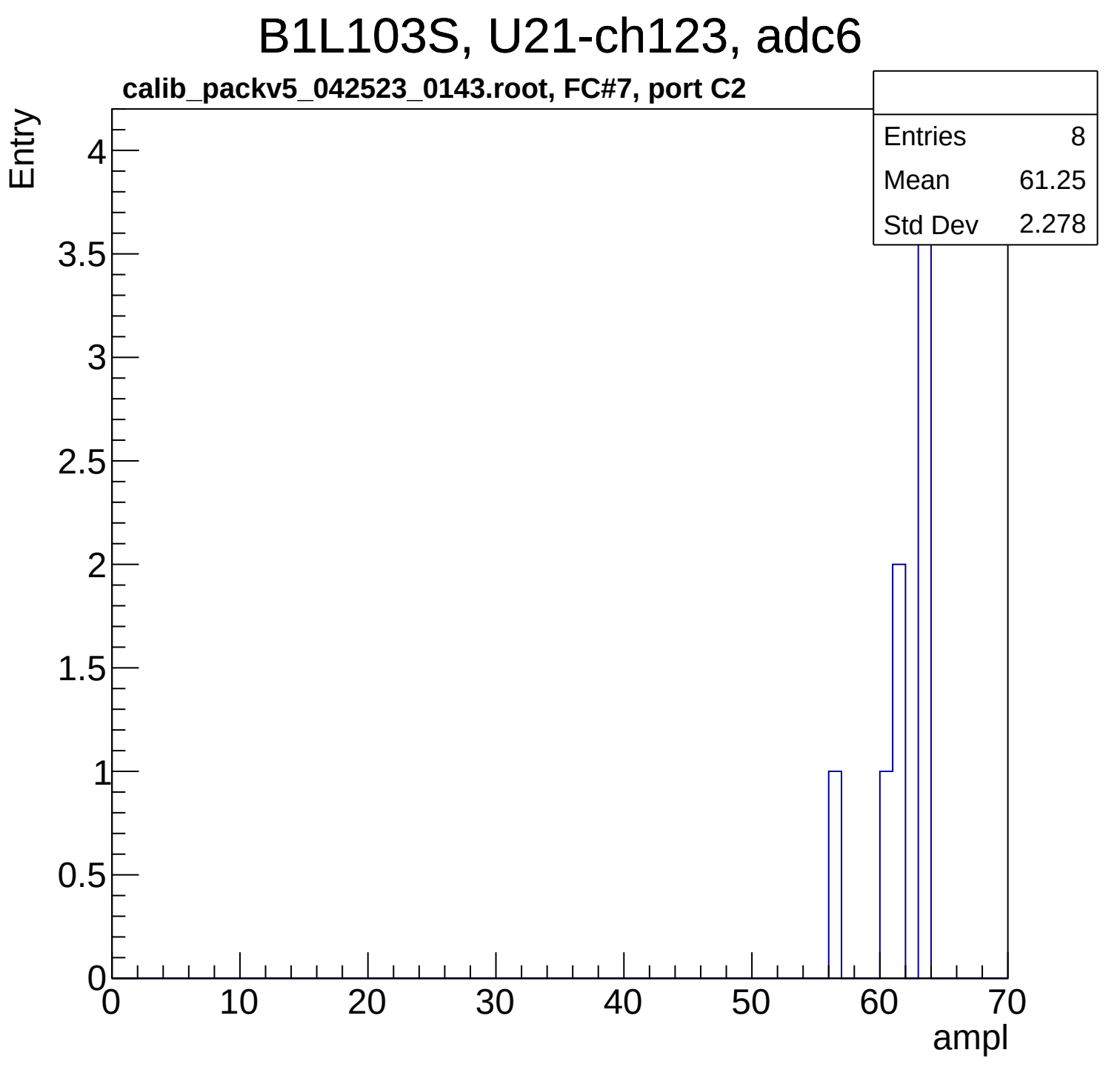
60
70


B1L103S, U21-ch123, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 8
Mean 61.25
Std Dev 2.278
Entry
ampl
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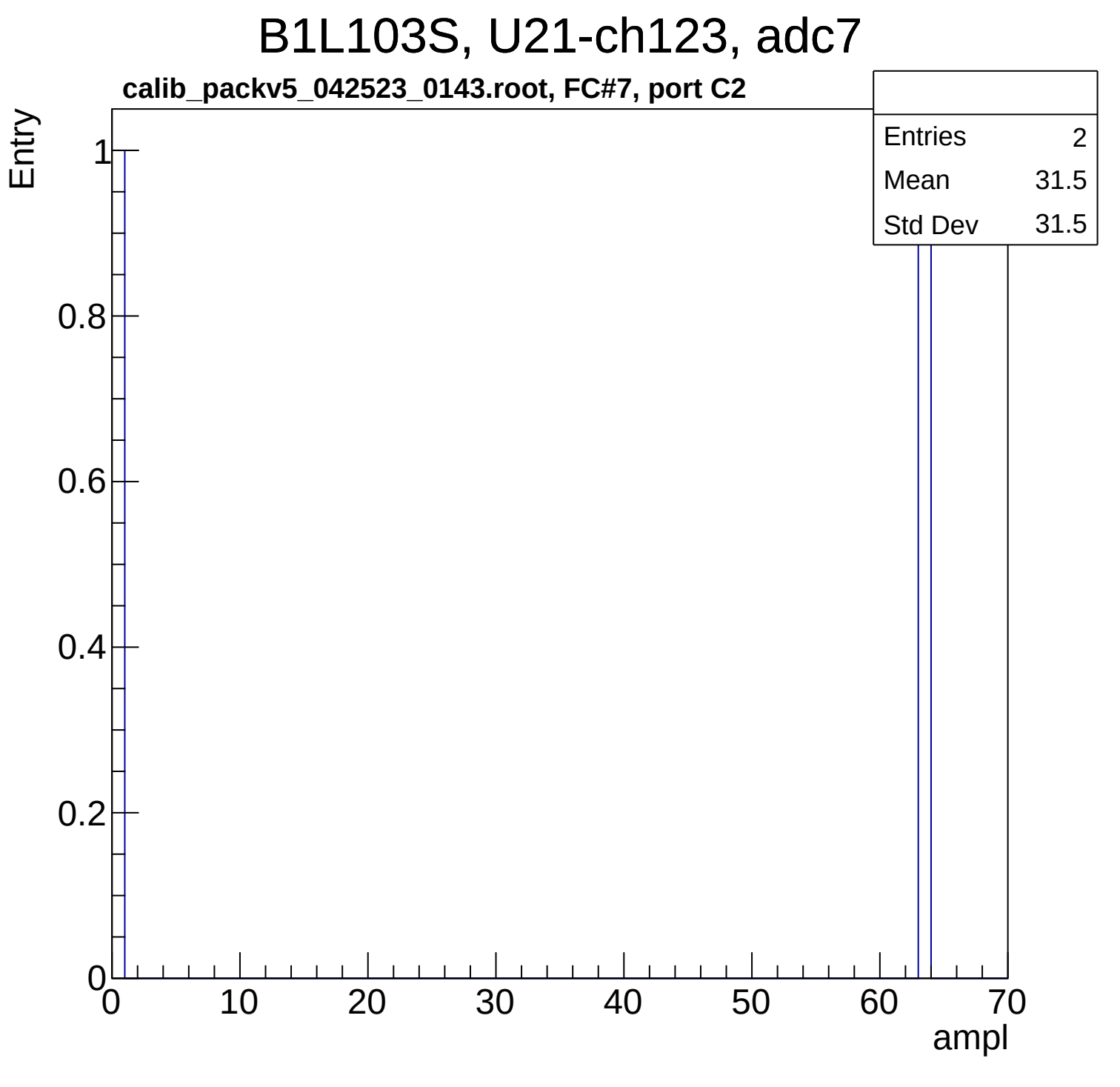
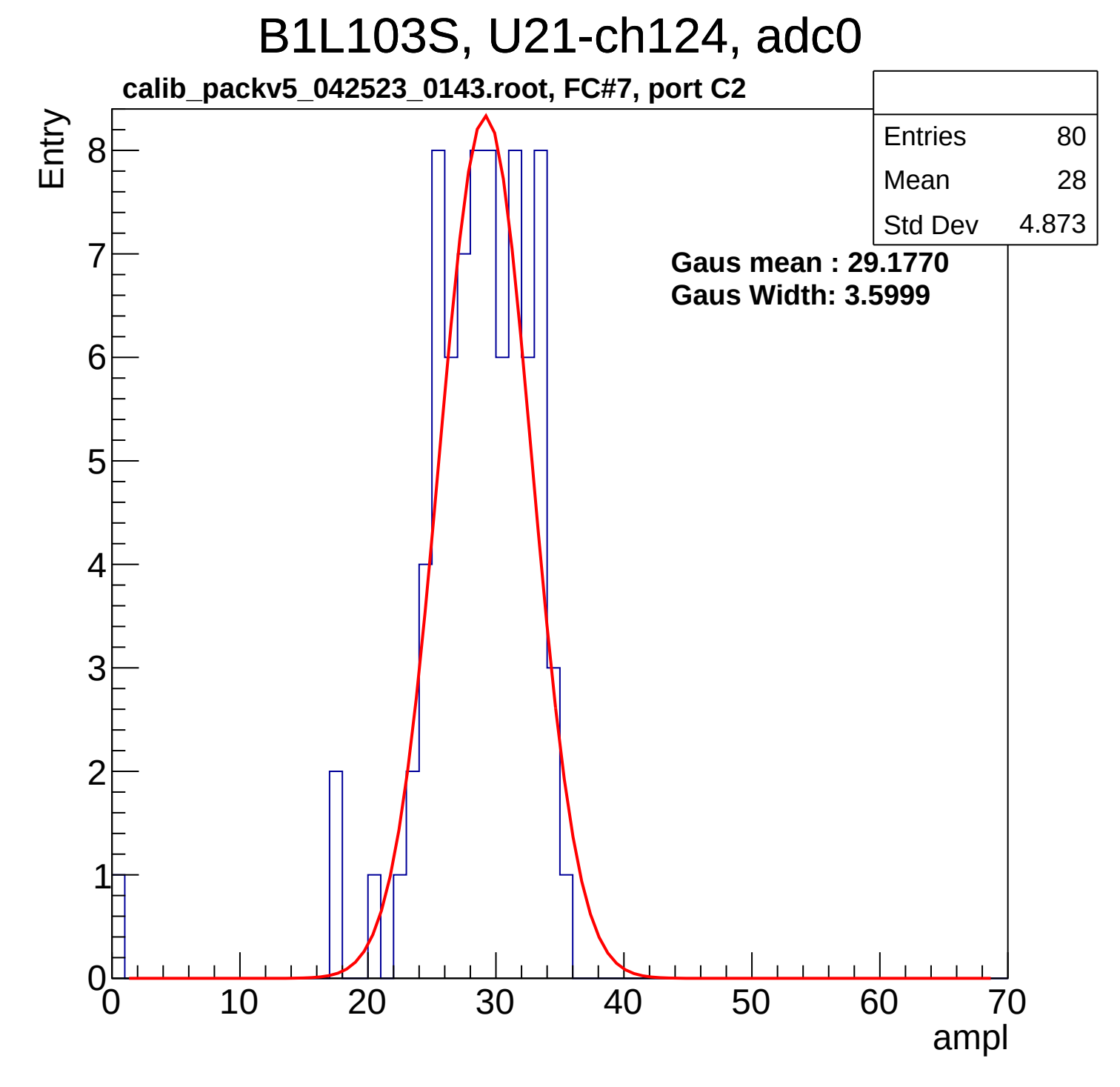
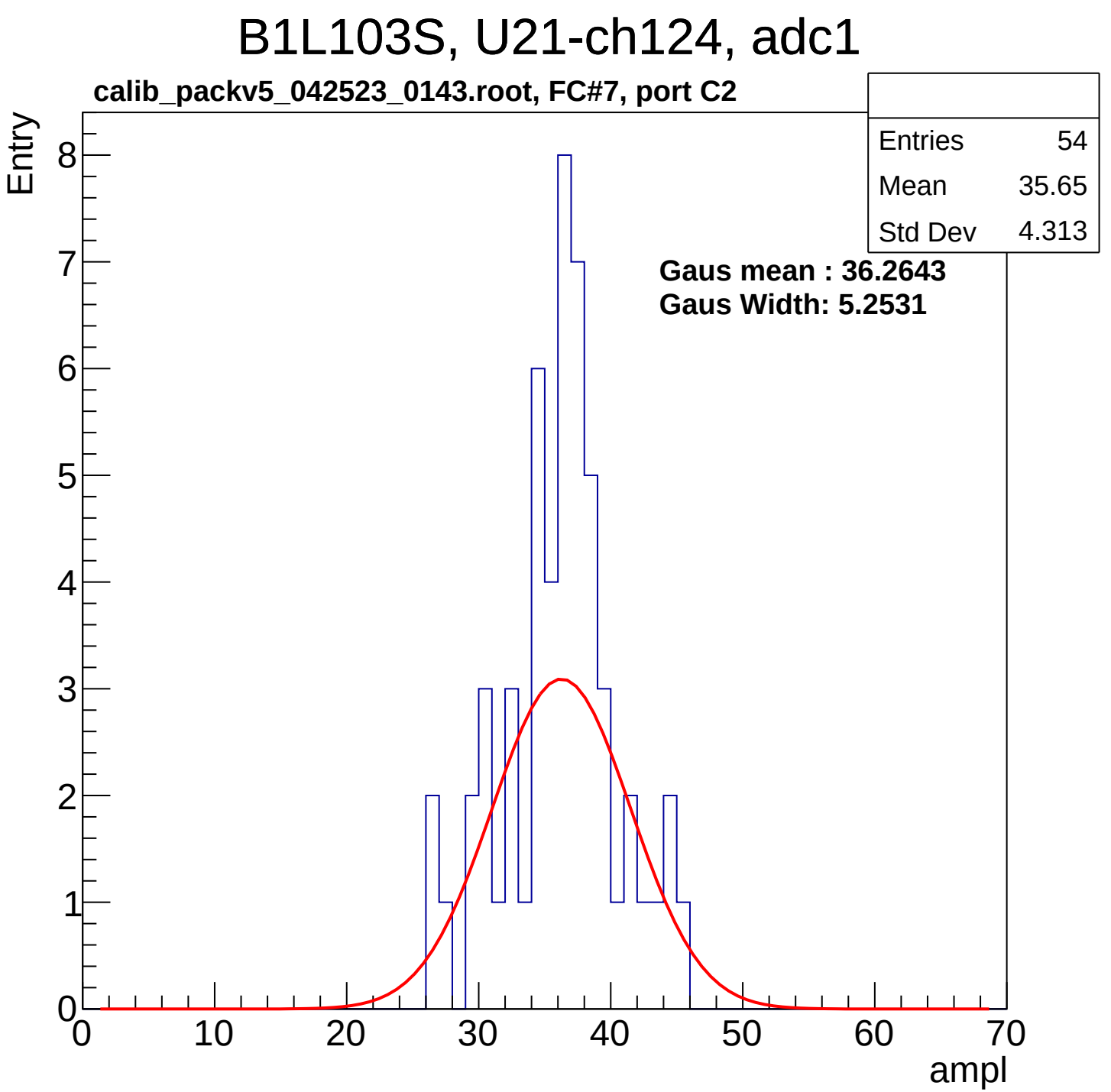
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L103S, U21-ch123, 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, U21-ch124, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 80
Mean 28
Std Dev 4.873
Gaus mean : 29.1770
Gaus Width: 3.5999
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch124, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 54
Mean 35.65
Std Dev 4.313
Gaus mean : 36.2643
Gaus Width: 5.2531
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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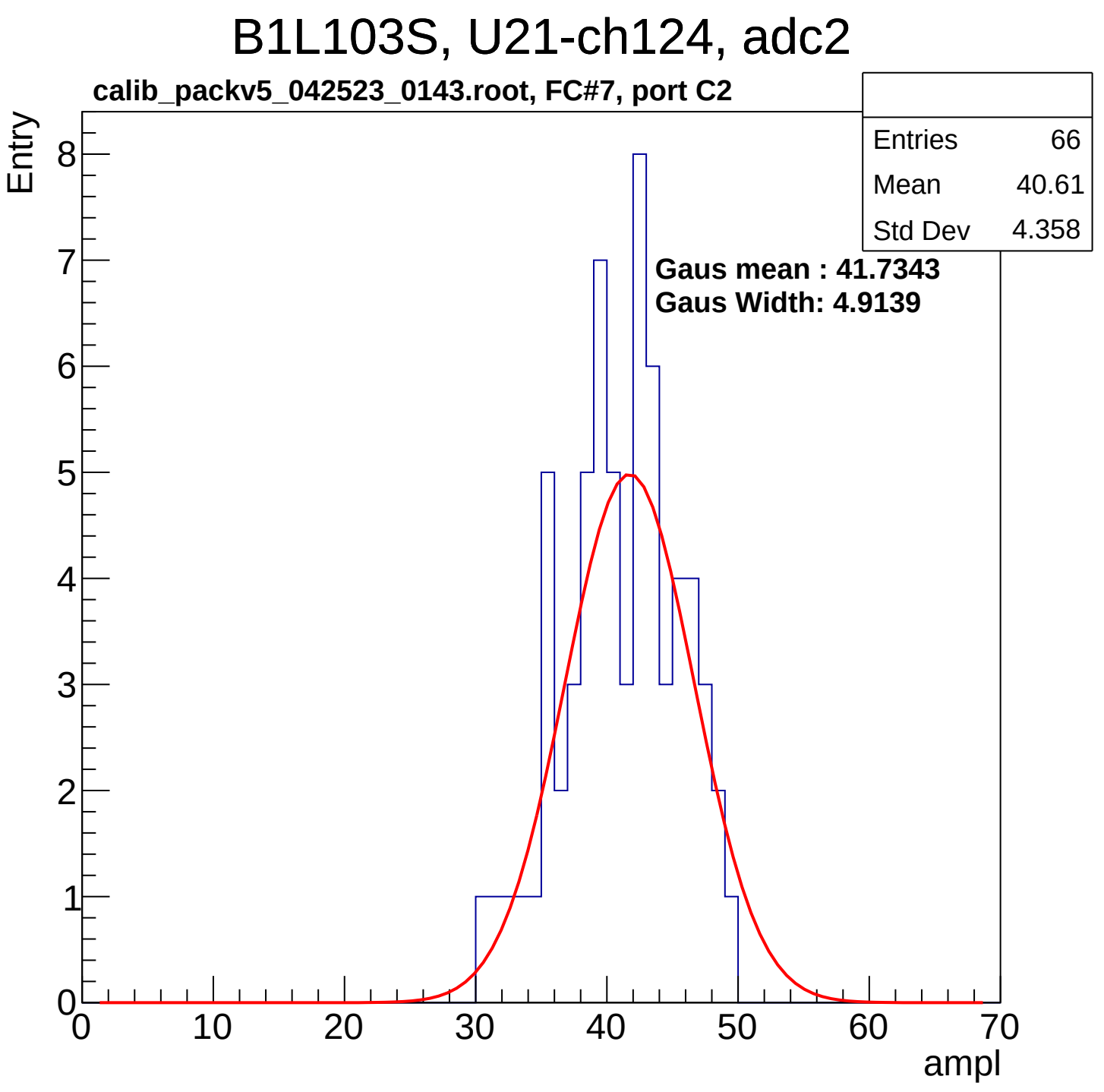
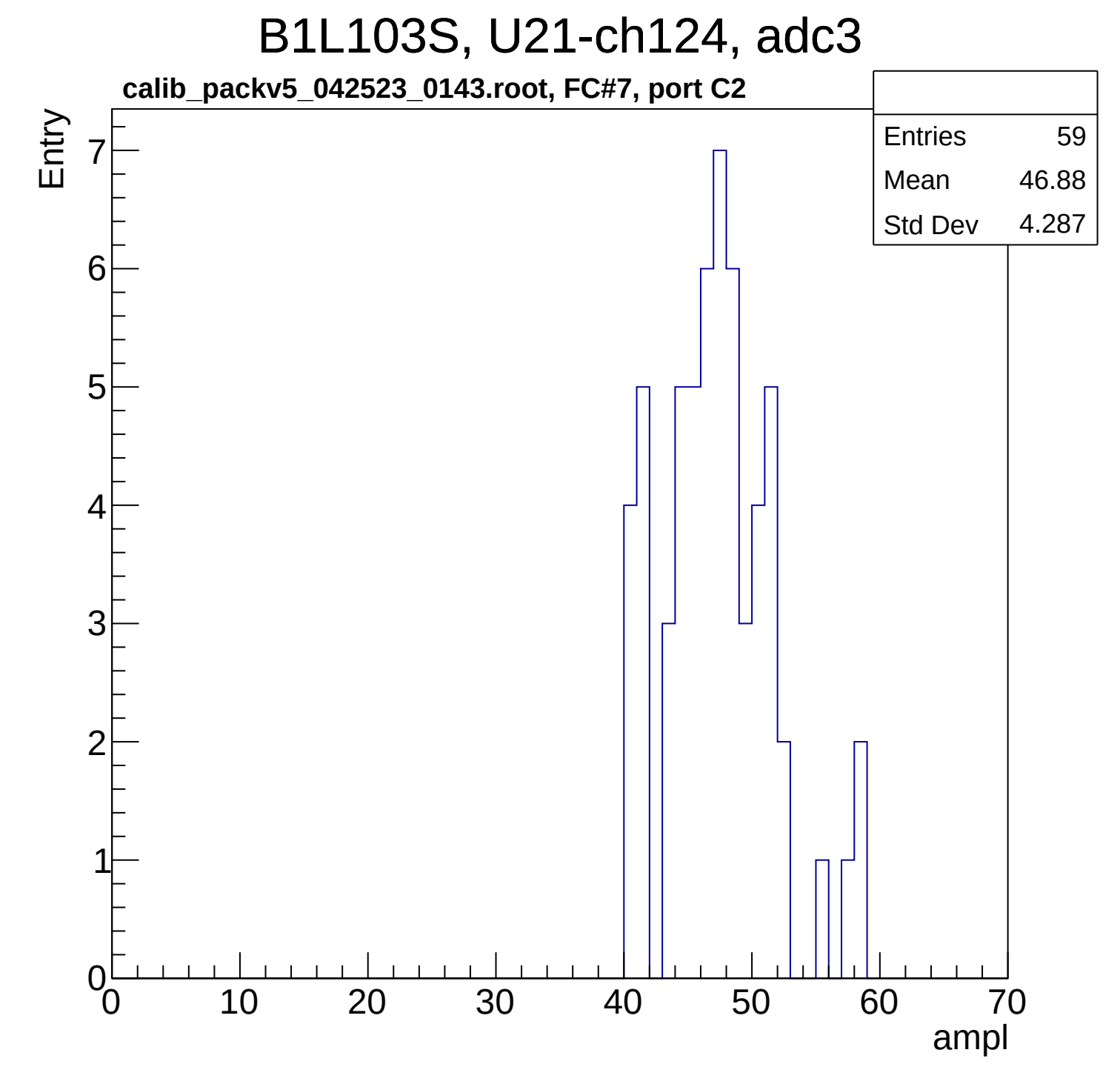

B1L103S, U21-ch124, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 66
Mean 40.61
Std Dev 4.358
Gaus mean : 41.7343
Gaus Width: 4.9139
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch124, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 46.88
Std Dev 4.287
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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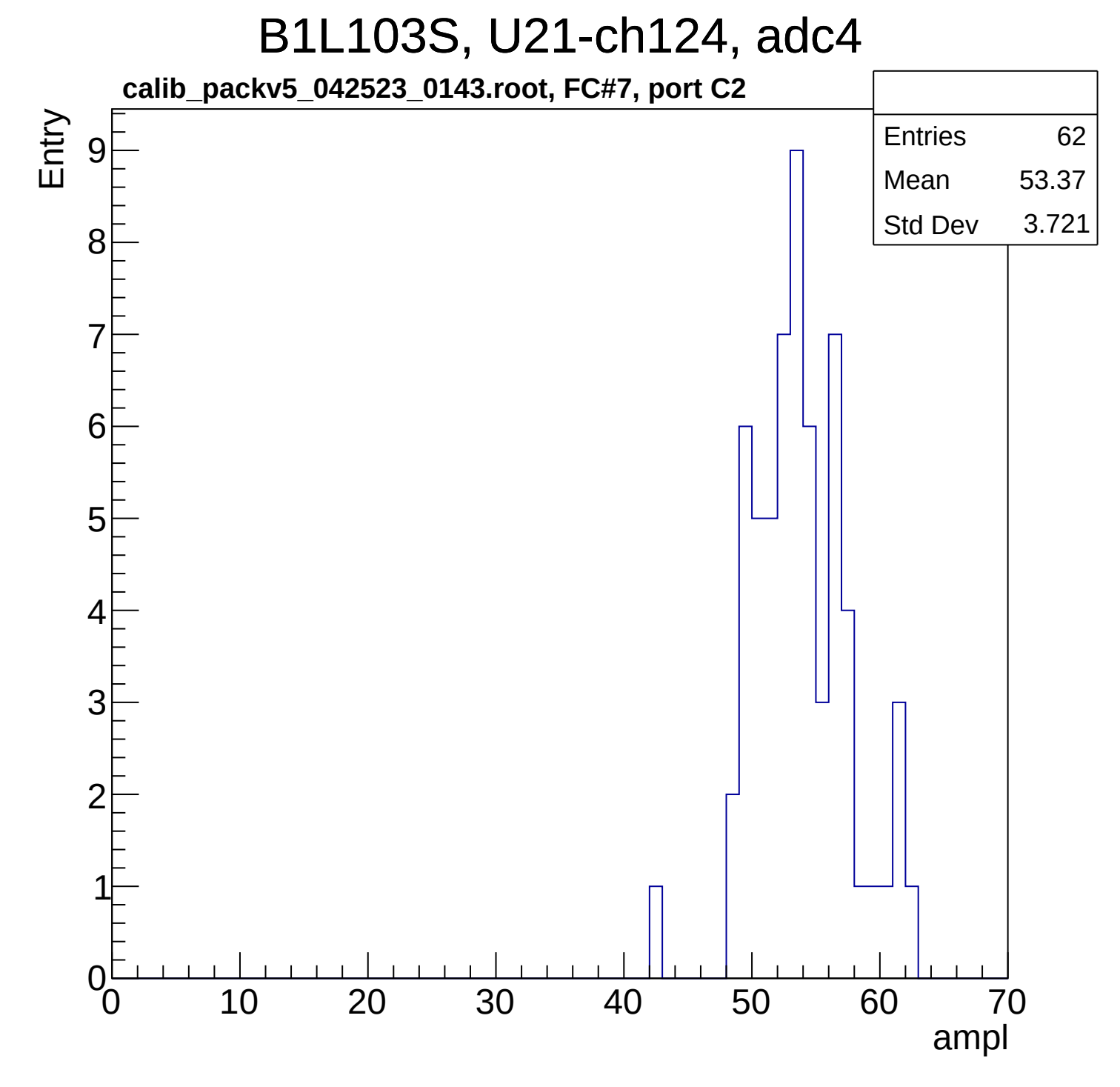
40
50
60
70


B1L103S, U21-ch124, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 62
Mean 53.37
Std Dev 3.721
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
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40
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60
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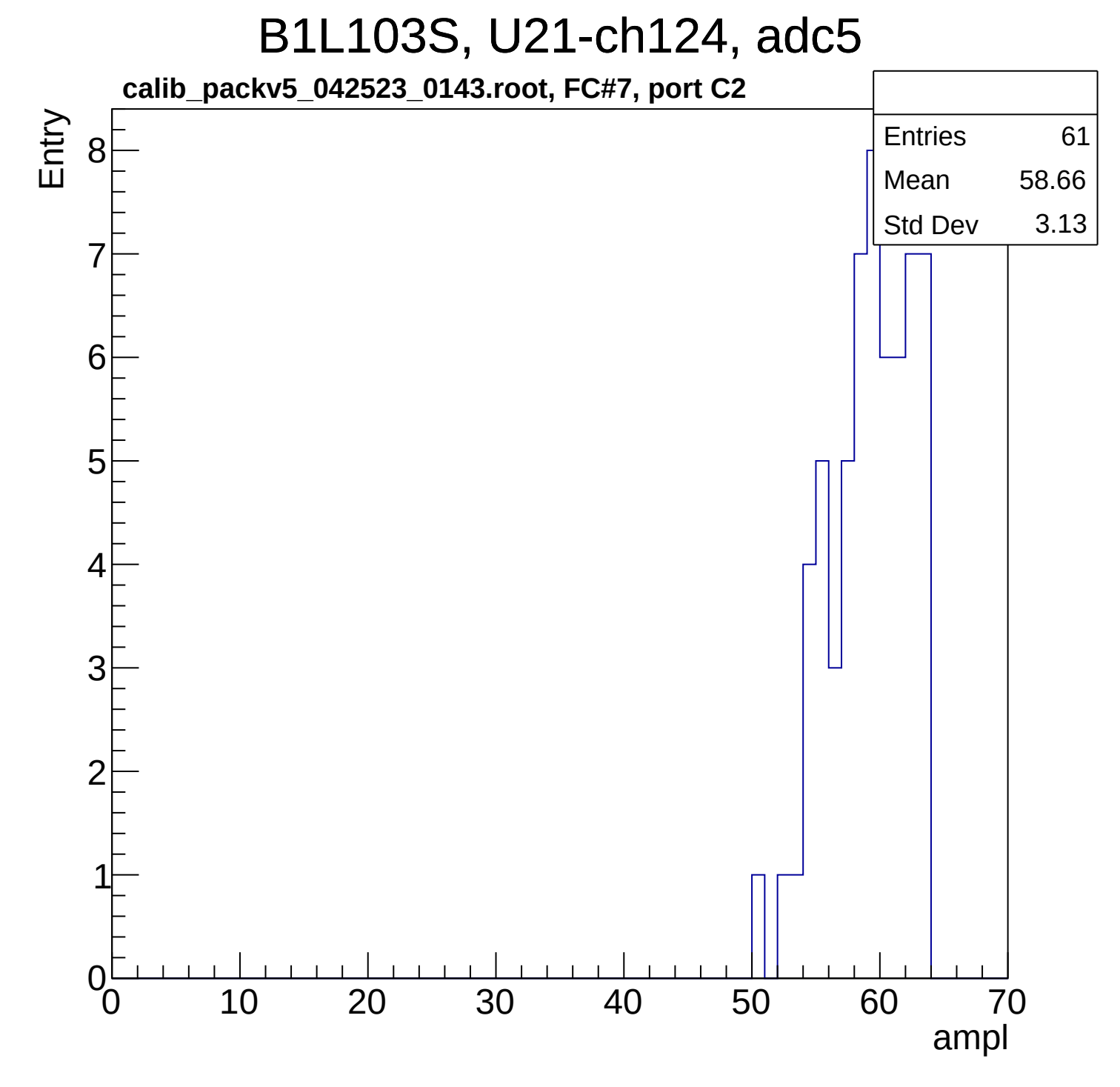
B1L103S, U21-ch124, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 58.66
Std Dev 3.13
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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60
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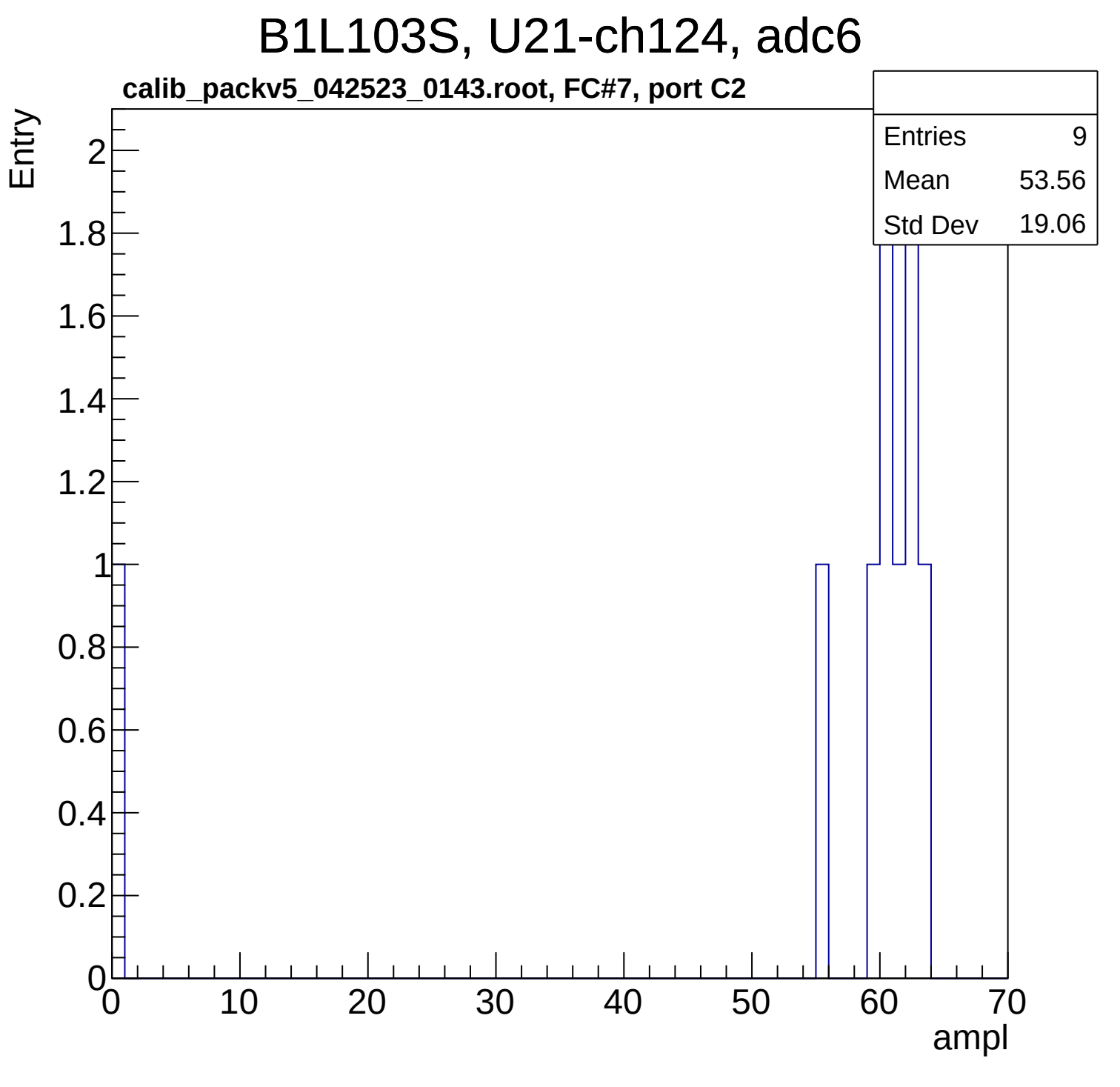
B1L103S, U21-ch124, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 9
Mean 53.56
Std Dev 19.06
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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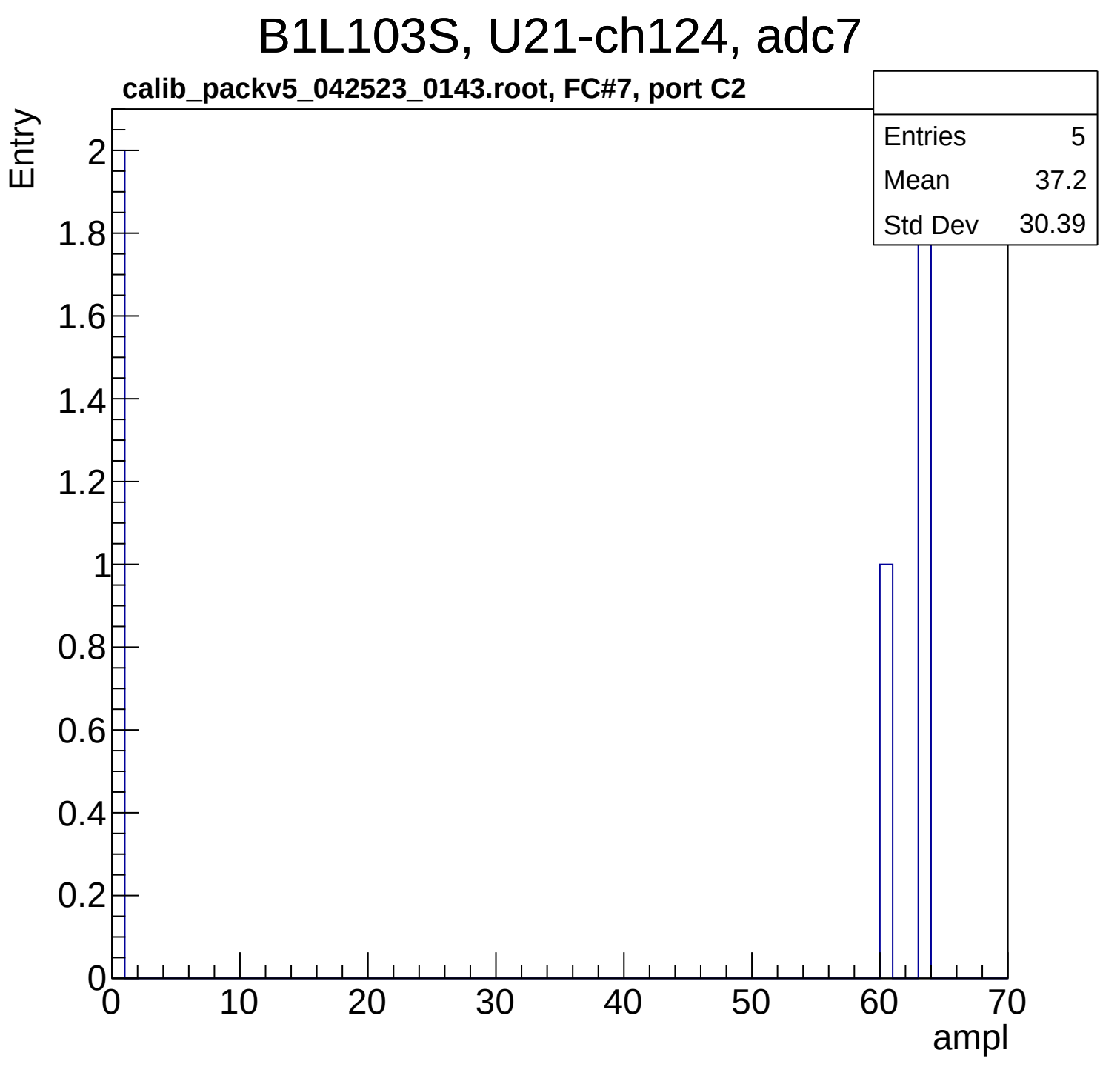
B1L103S, U21-ch124, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 37.2
Std Dev 30.39
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
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60
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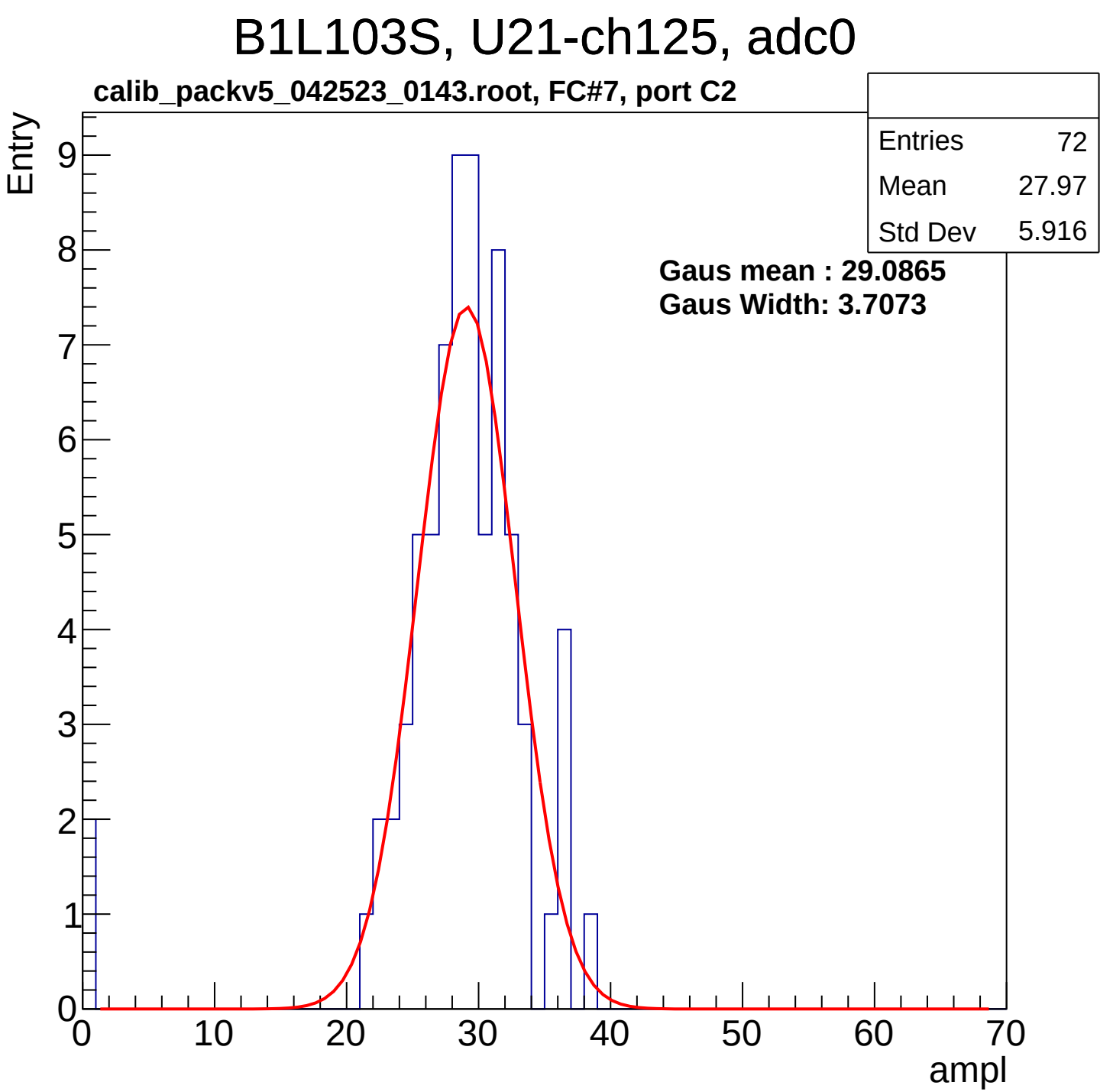
B1L103S, U21-ch125, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 72
Mean 27.97
Std Dev 5.916
Gaus mean : 29.0865
Gaus Width: 3.7073
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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40
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60
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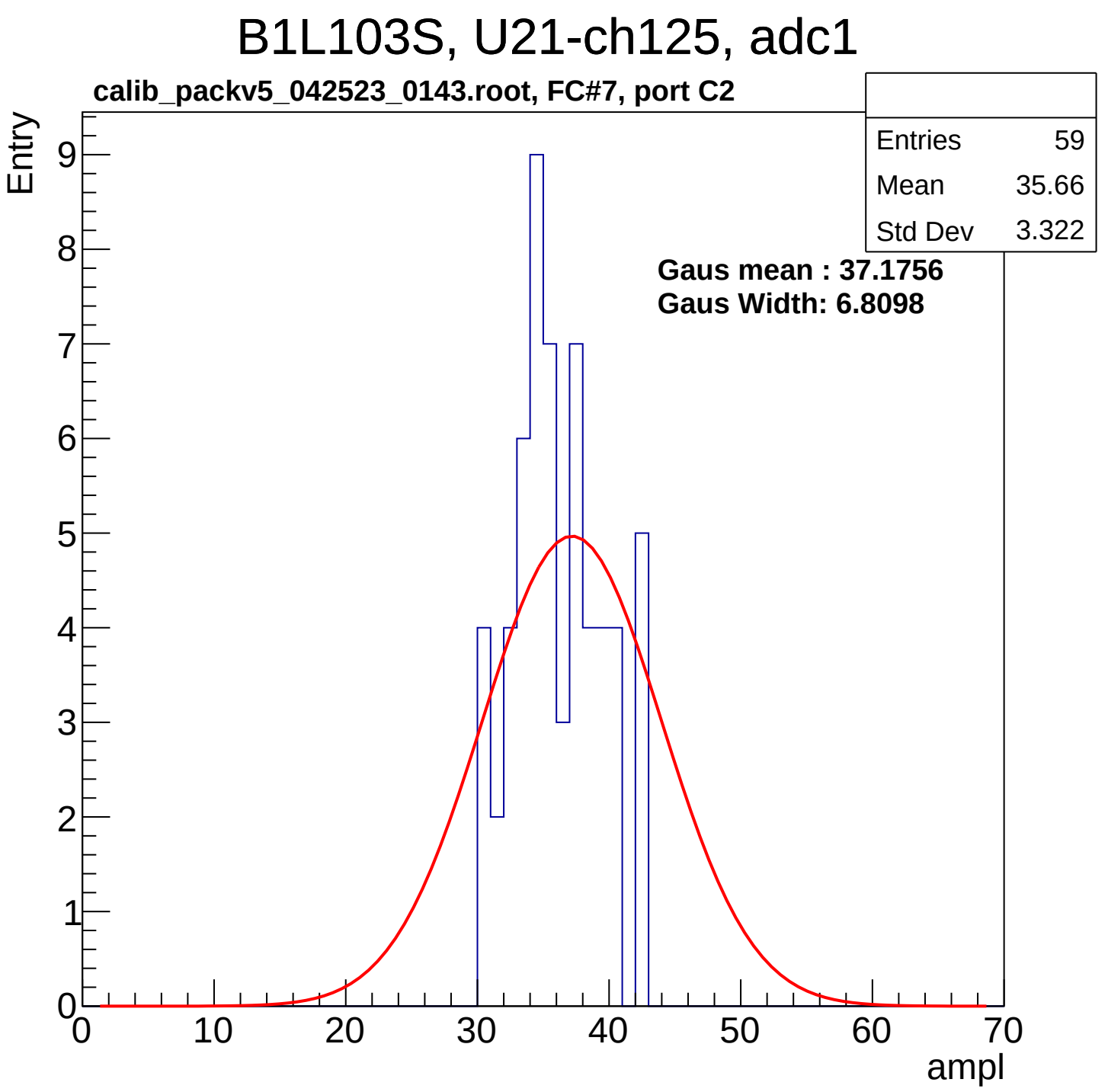
B1L103S, U21-ch125, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 59
Mean 35.66
Std Dev 3.322
Gaus mean : 37.1756
Gaus Width: 6.8098
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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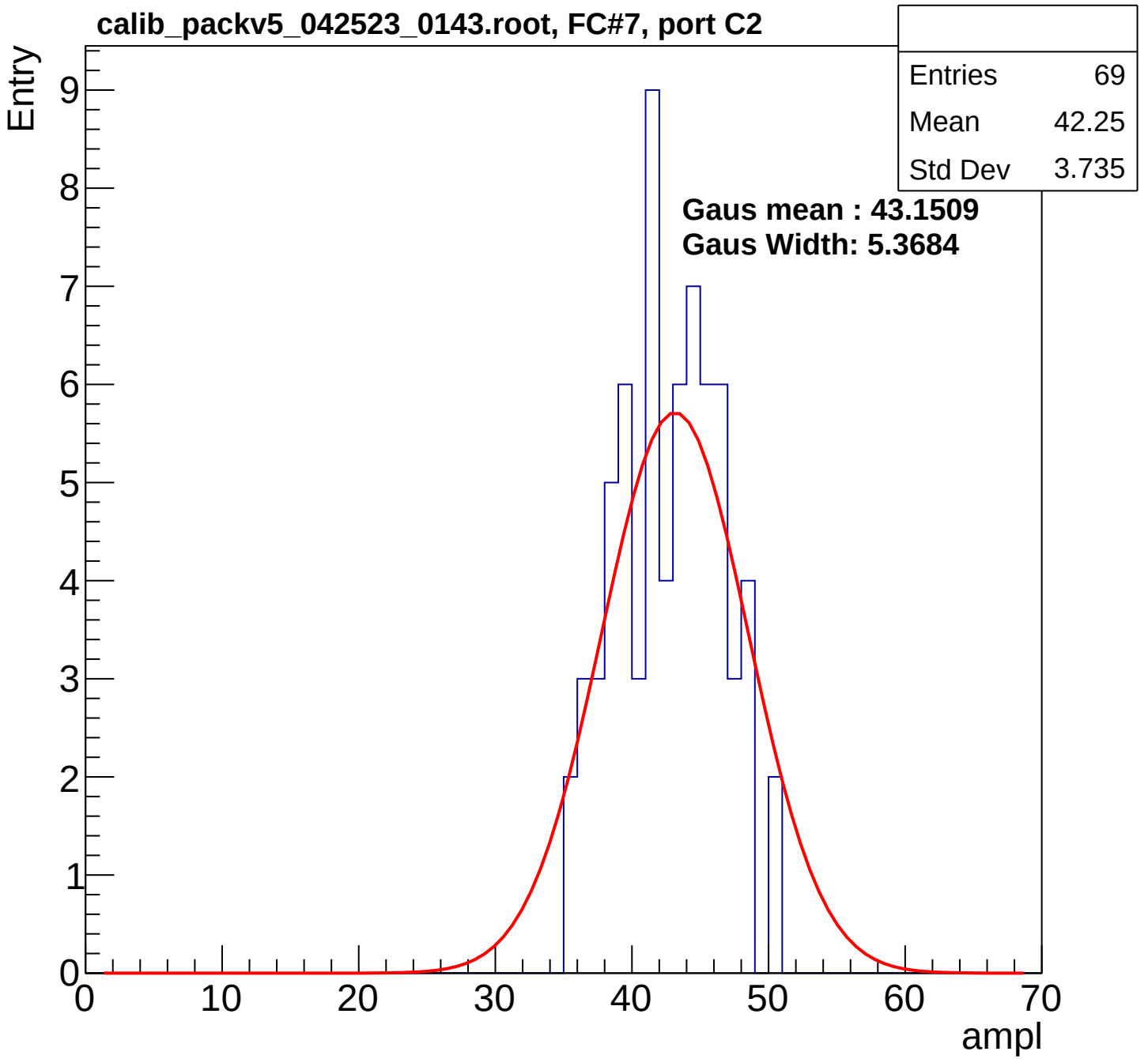
B1L103S, U21-ch125, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 42.25
Std Dev 3.735
Gaus mean : 43.1509
Gaus Width: 5.3684
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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40
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60
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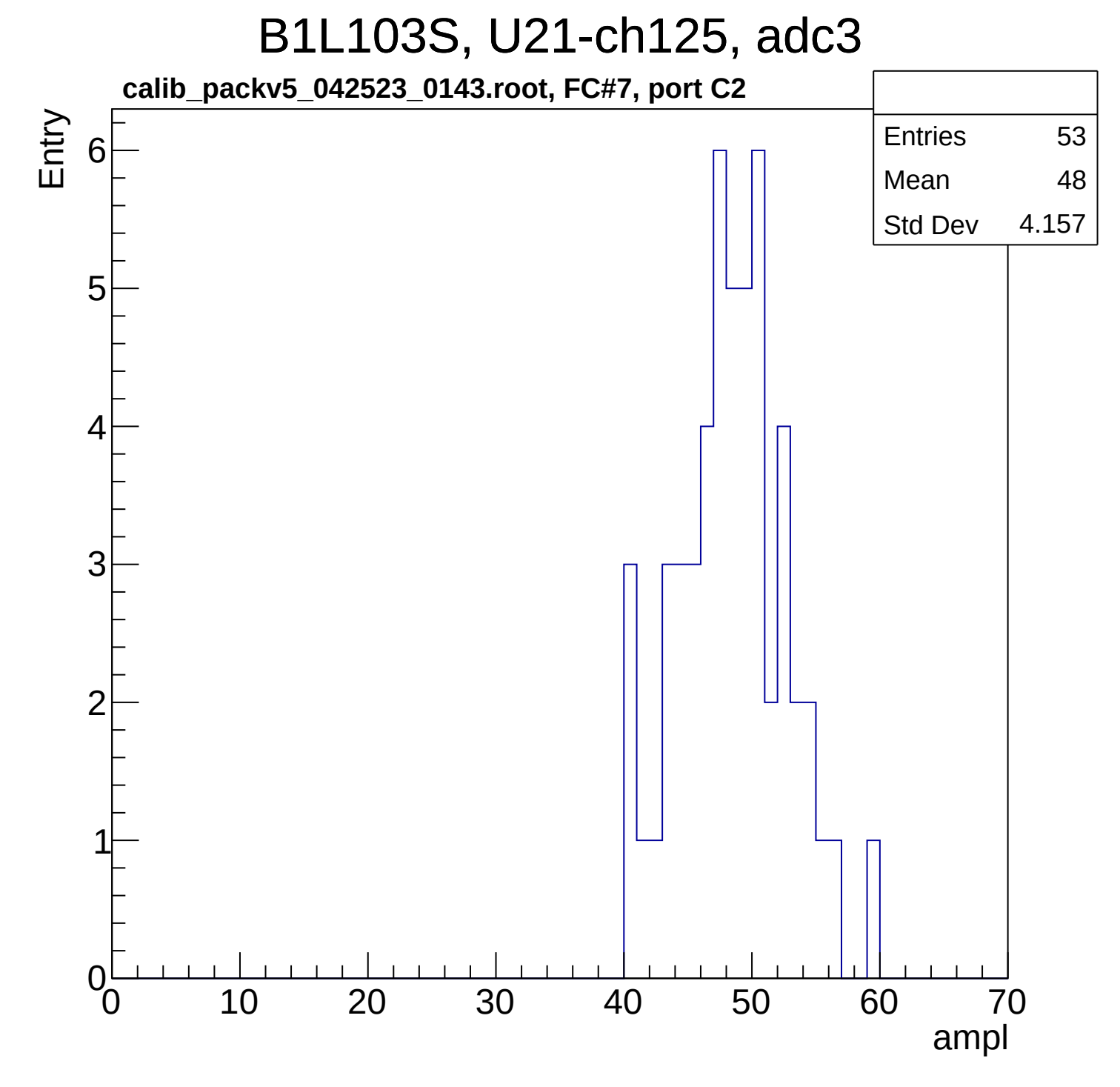
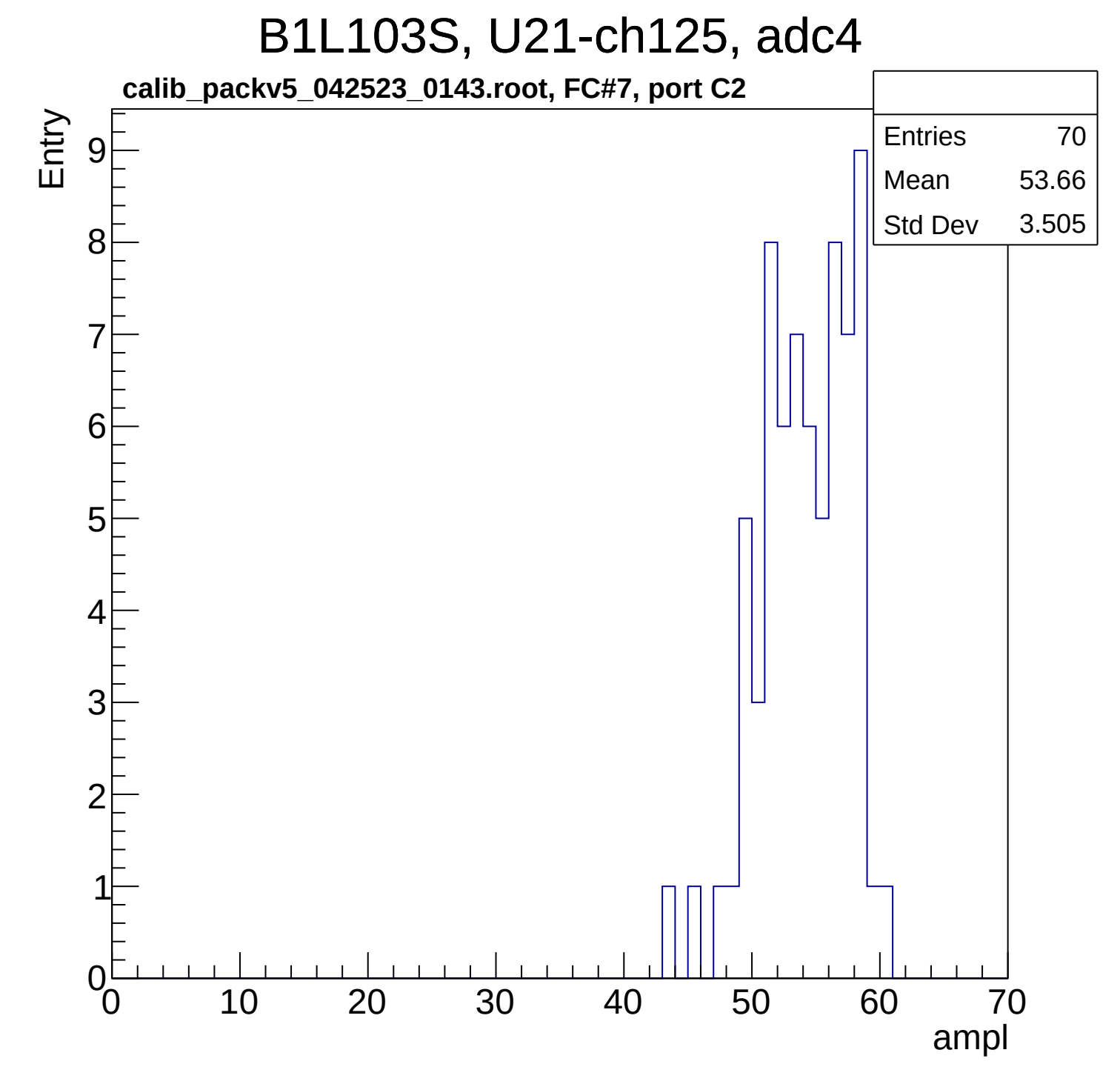

B1L103S, U21-ch125, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 53
Mean 48
Std Dev 4.157
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L103S, U21-ch125, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 70
Mean 53.66
Std Dev 3.505
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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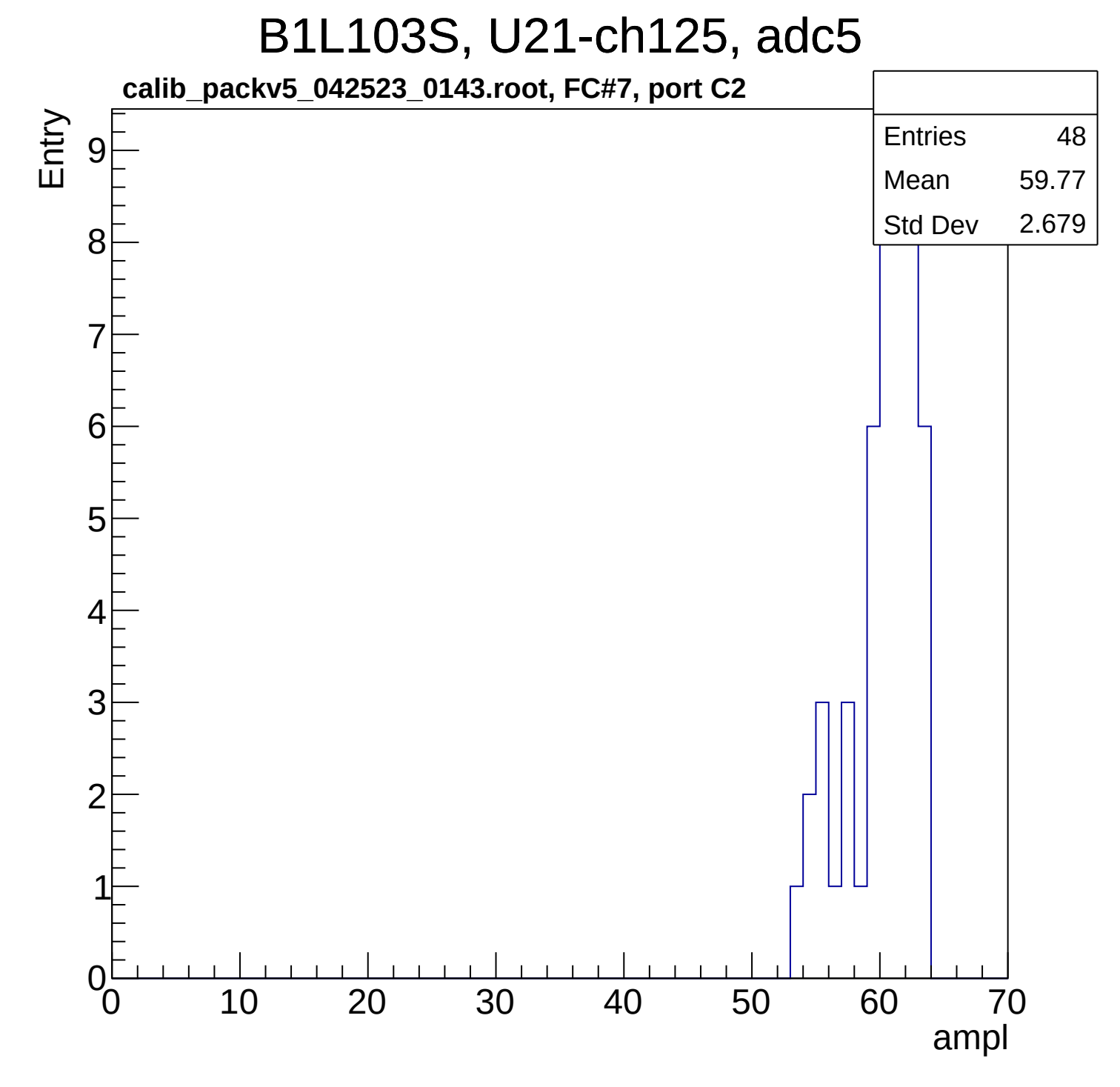
B1L103S, U21-ch125, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 48
Mean 59.77
Std Dev 2.679
Entry
ampl
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2
3
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5
6
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8
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0
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60
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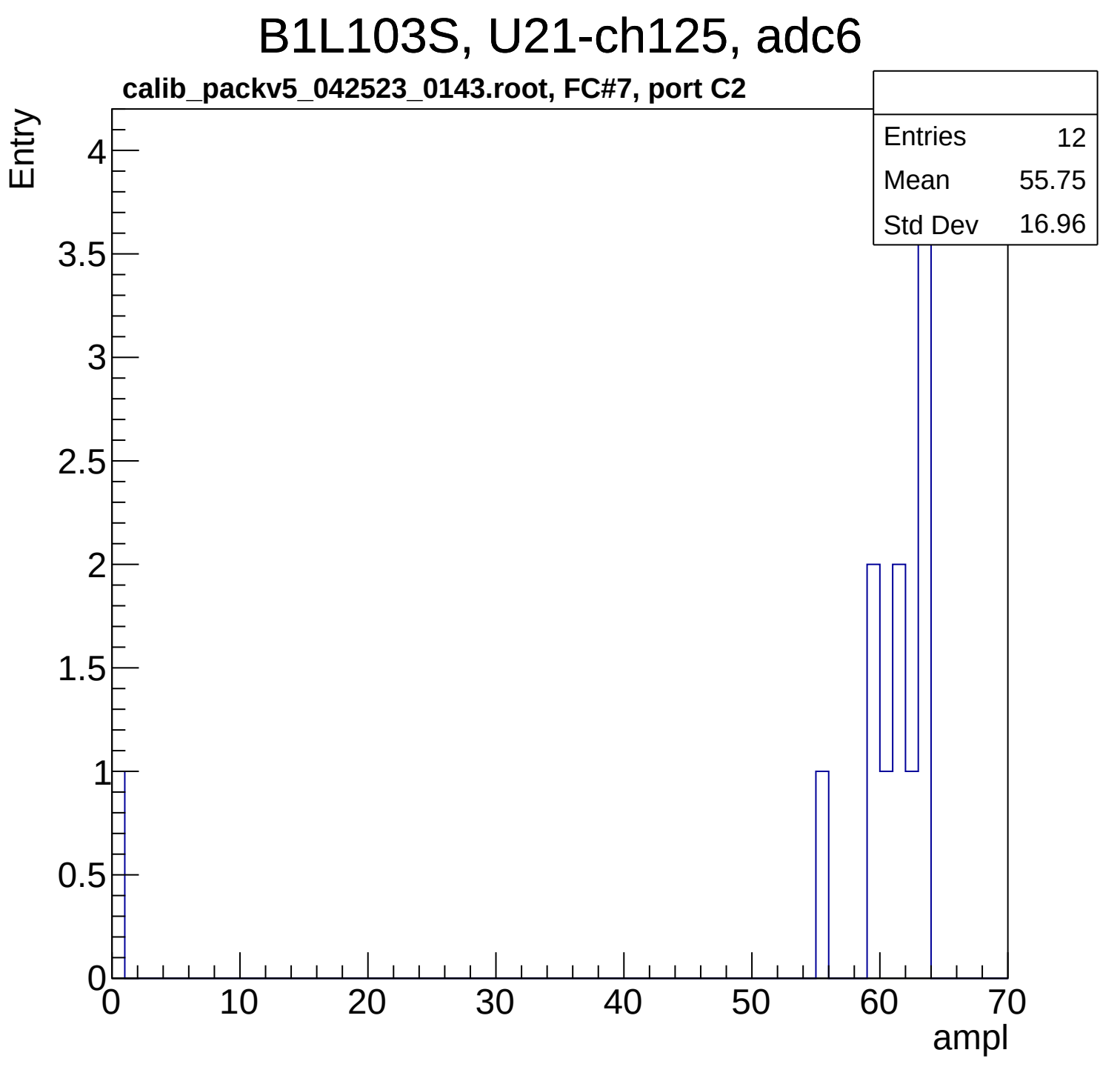
B1L103S, U21-ch125, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 12
Mean 55.75
Std Dev 16.96
Entry
ampl
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1.5
2
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3.5
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0
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60
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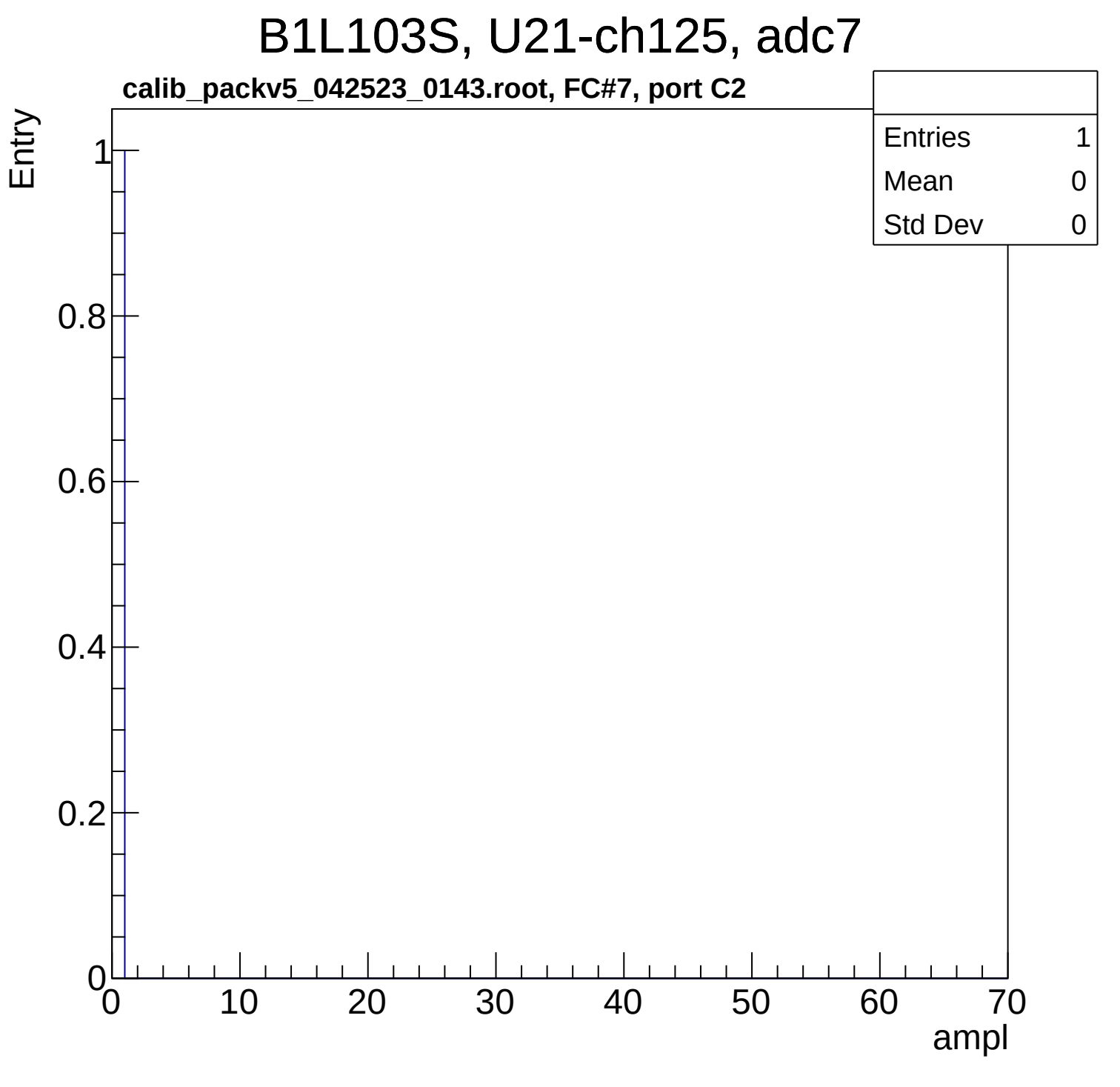
B1L103S, U21-ch125, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 1
Mean 0
Std Dev 0
Entry
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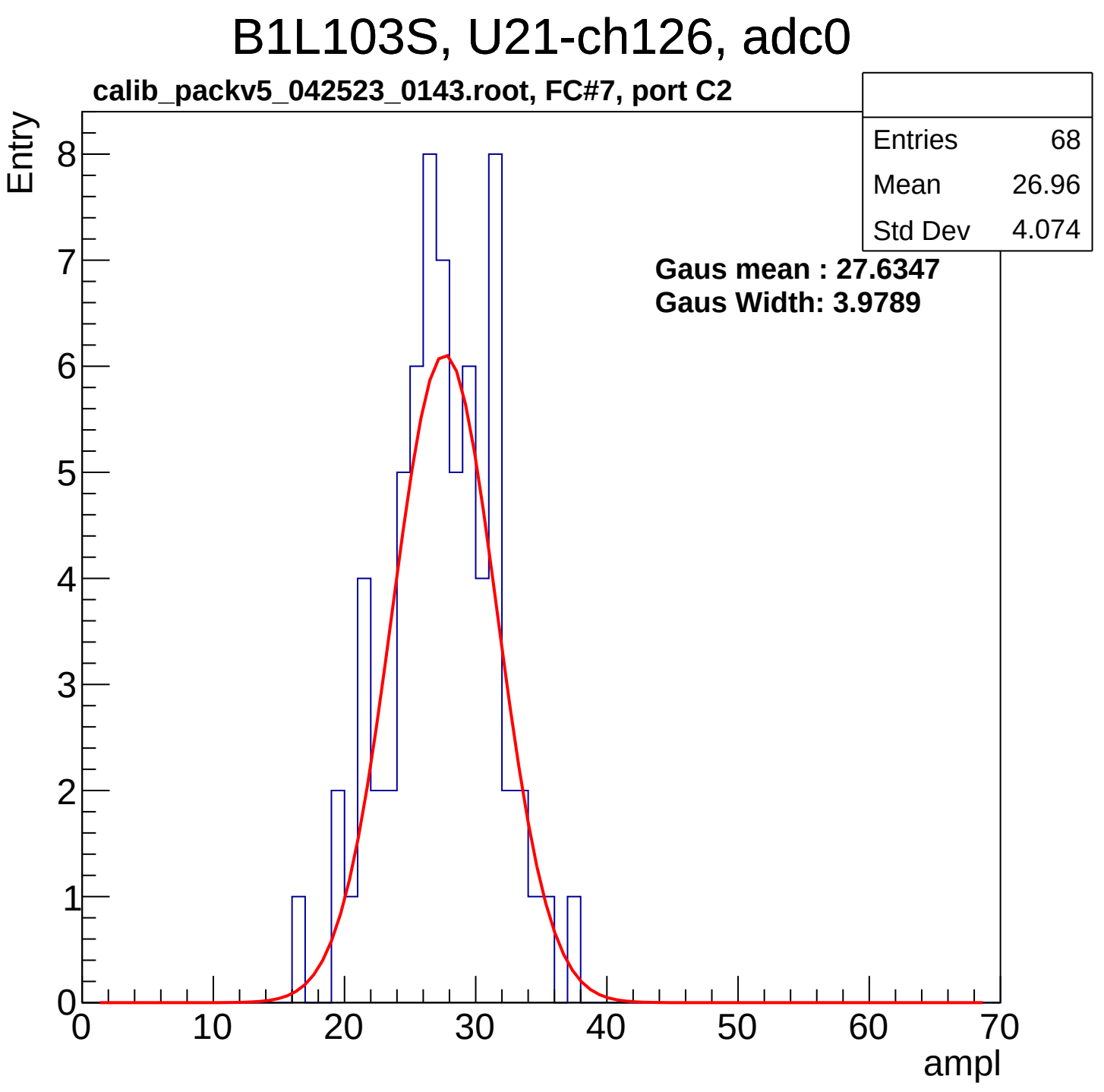
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L103S, U21-ch126, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 26.96
Std Dev 4.074
Gaus mean : 27.6347
Gaus Width: 3.9789
Entry
ampl
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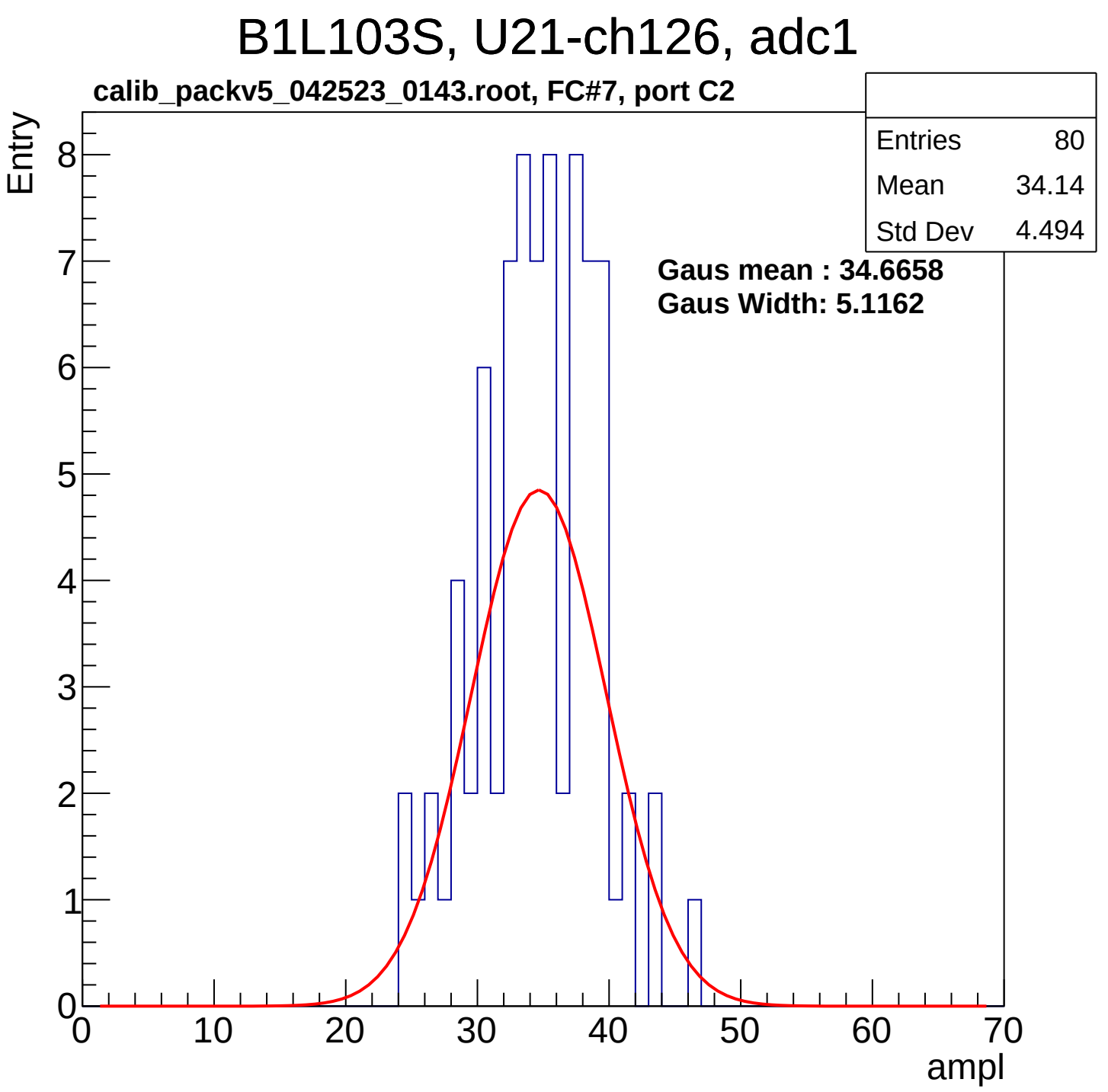
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch126, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 80
Mean 34.14
Std Dev 4.494
Gaus mean : 34.6658
Gaus Width: 5.1162
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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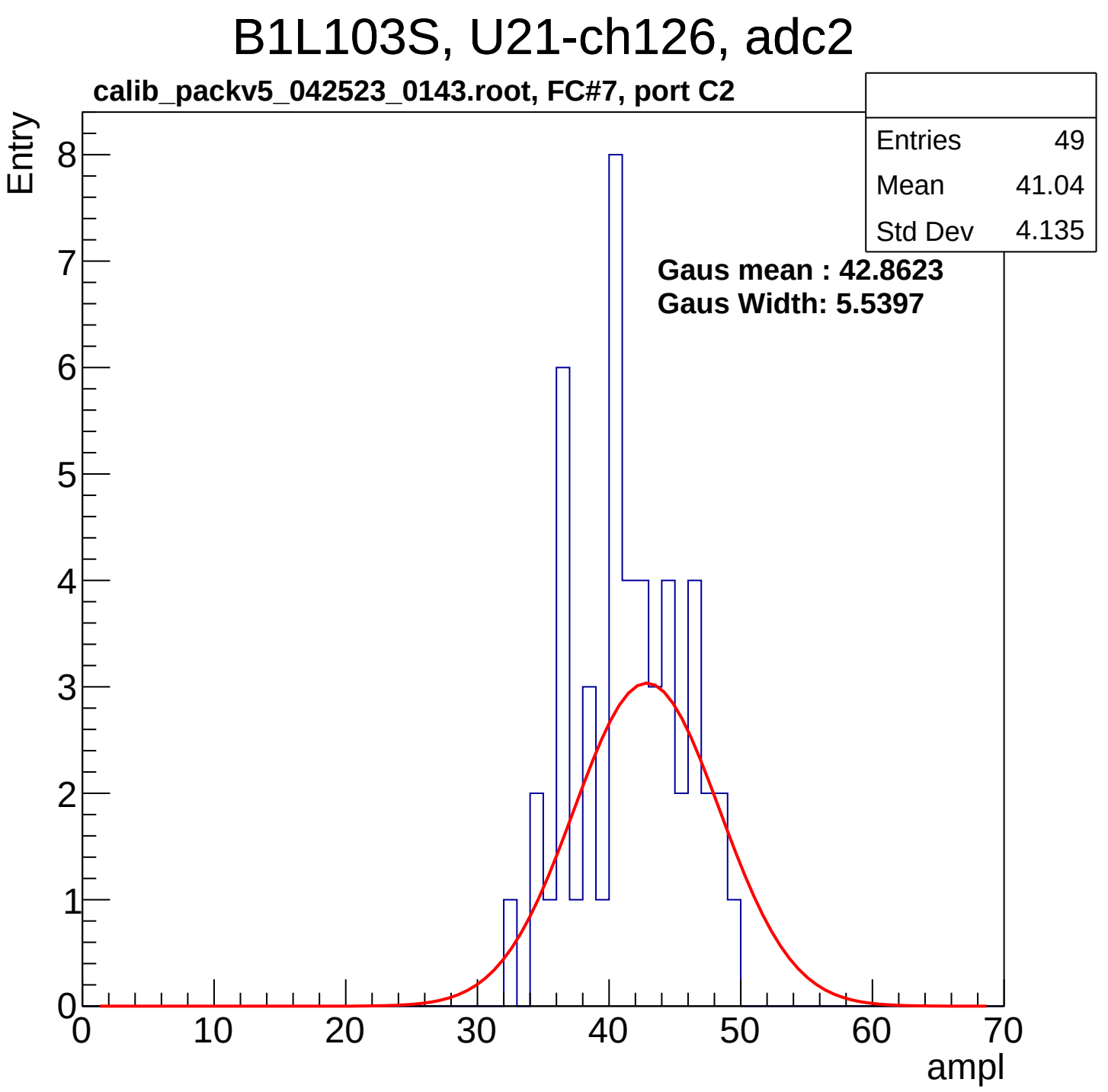
B1L103S, U21-ch126, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 49
Mean 41.04
Std Dev 4.135
Gaus mean : 42.8623
Gaus Width: 5.5397
Entry
ampl
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1
2
3
4
5
6
7
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0
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60
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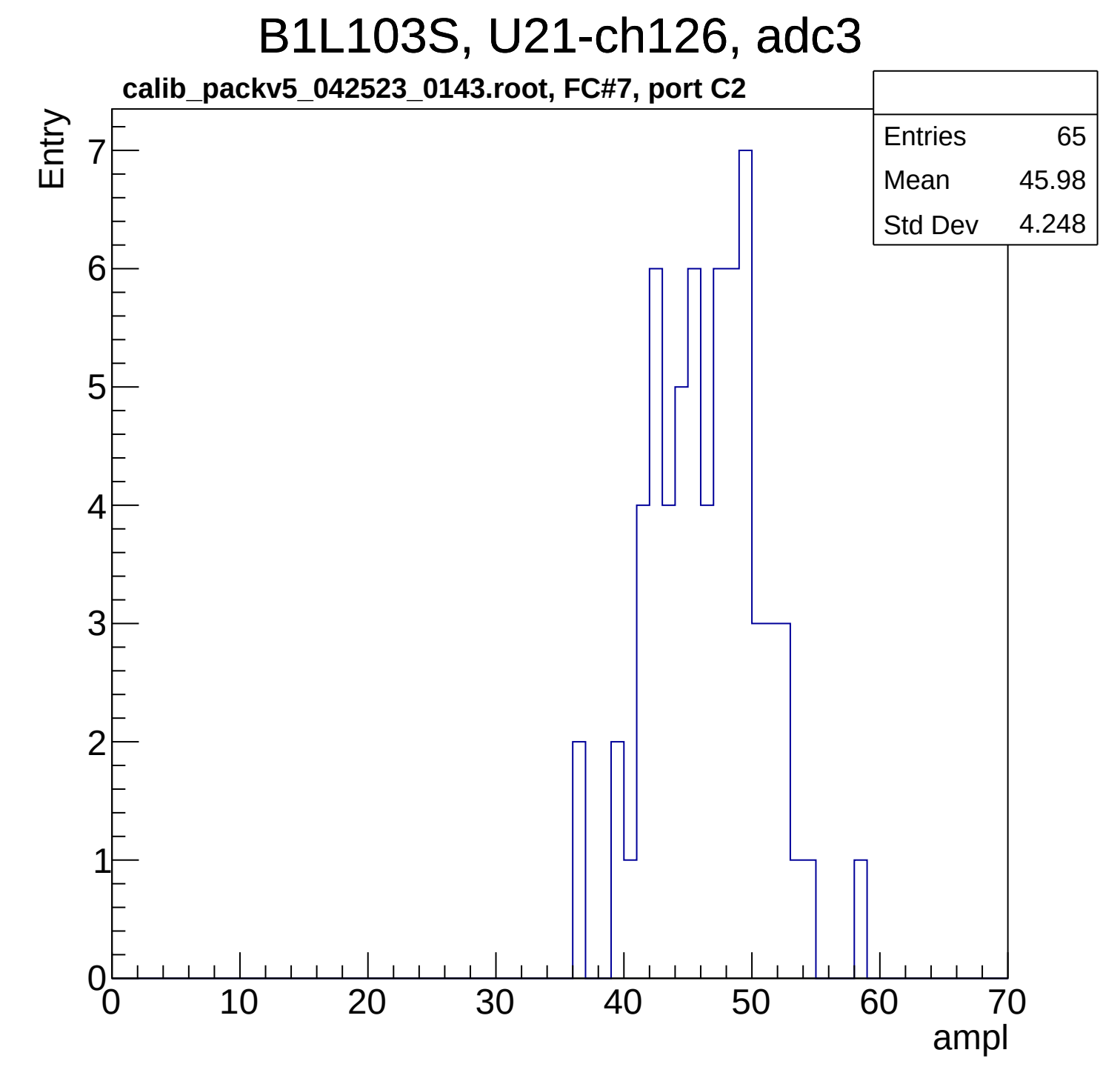
B1L103S, U21-ch126, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 65
Mean 45.98
Std Dev 4.248
Entry
ampl
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1
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4
5
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0
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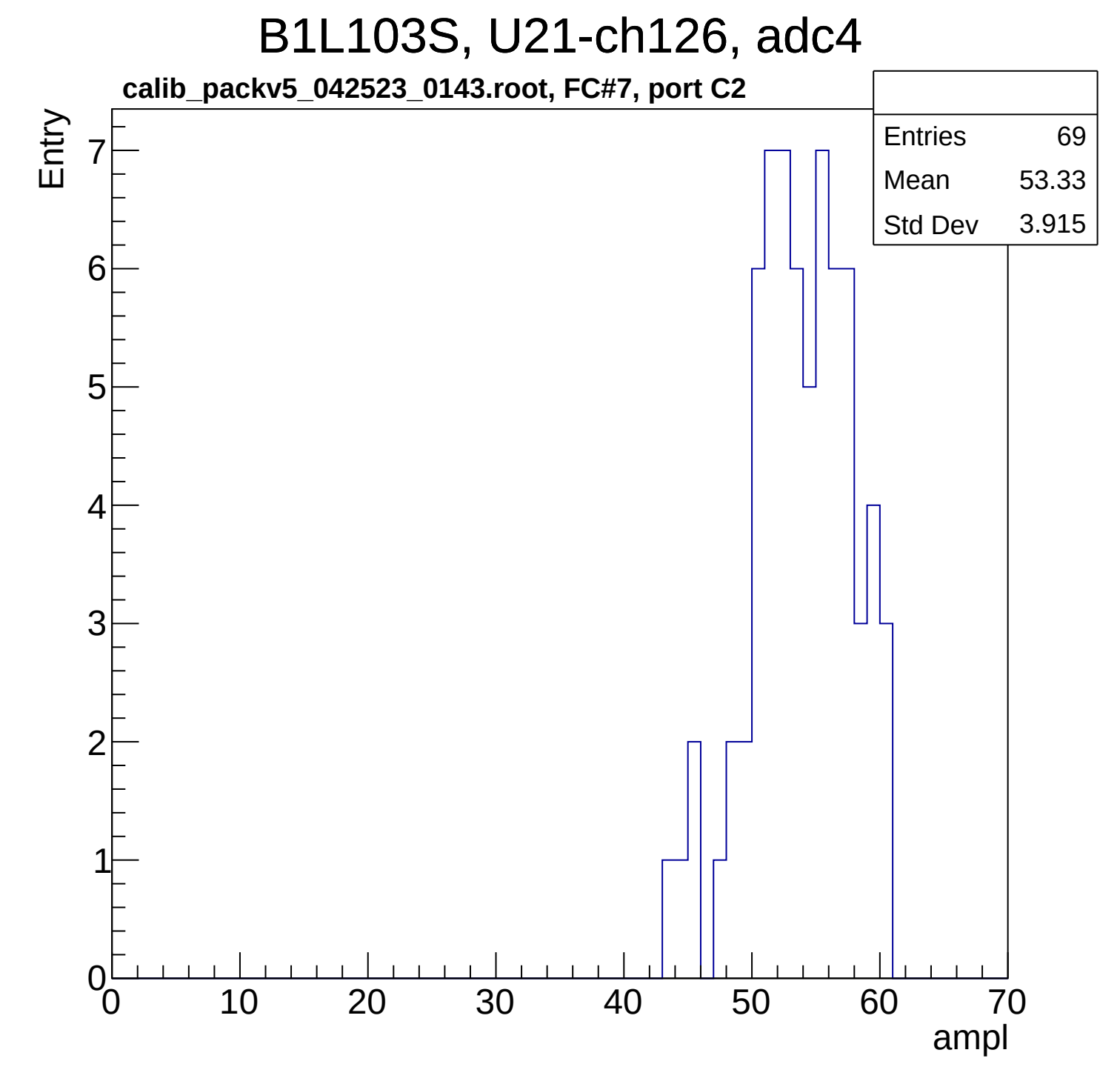
B1L103S, U21-ch126, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 69
Mean 53.33
Std Dev 3.915
Entry
ampl
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1
2
3
4
5
6
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0
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20
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40
50
60
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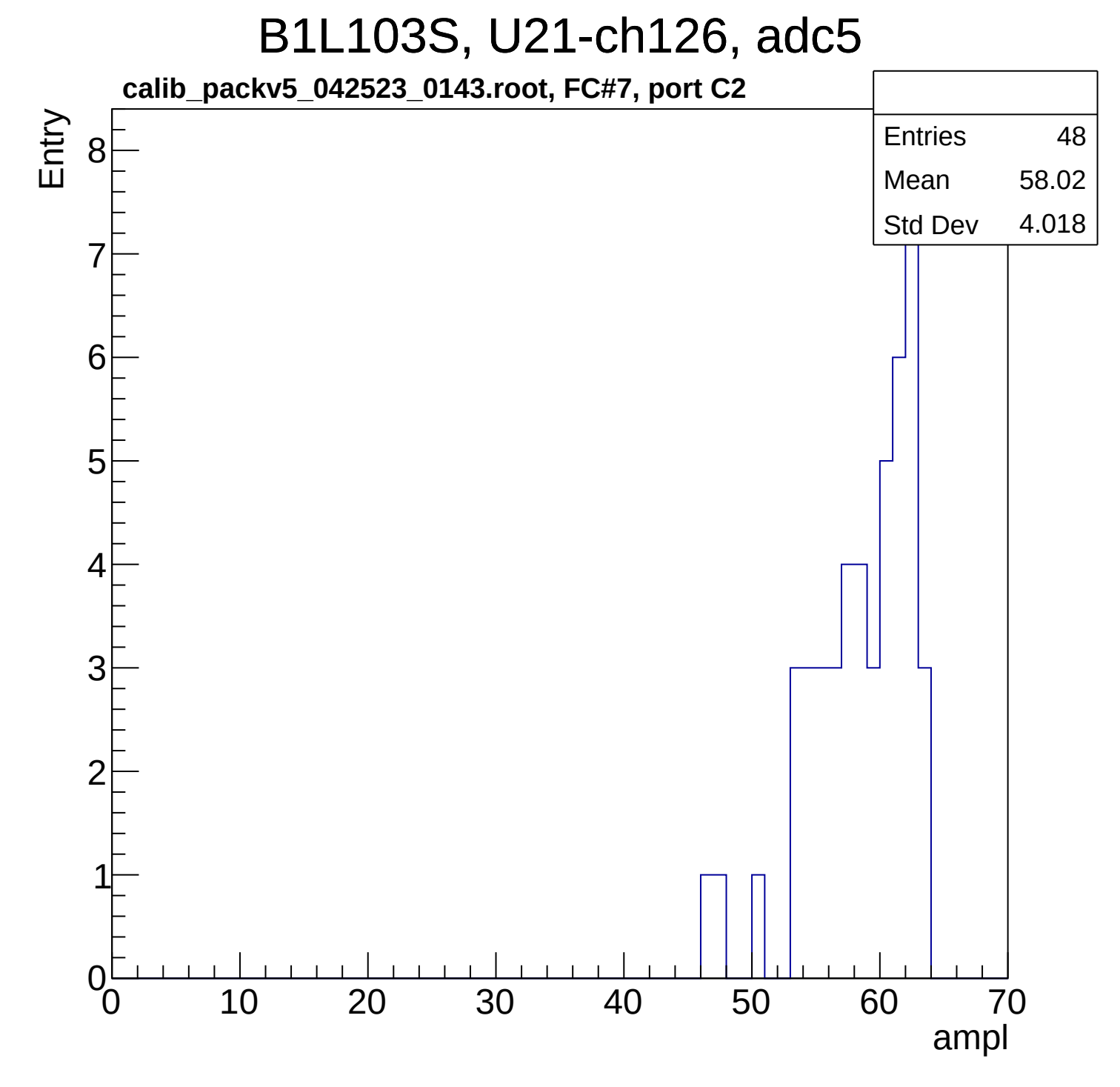
B1L103S, U21-ch126, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 48
Mean 58.02
Std Dev 4.018
Entry
ampl
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1
2
3
4
5
6
7
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0
10
20
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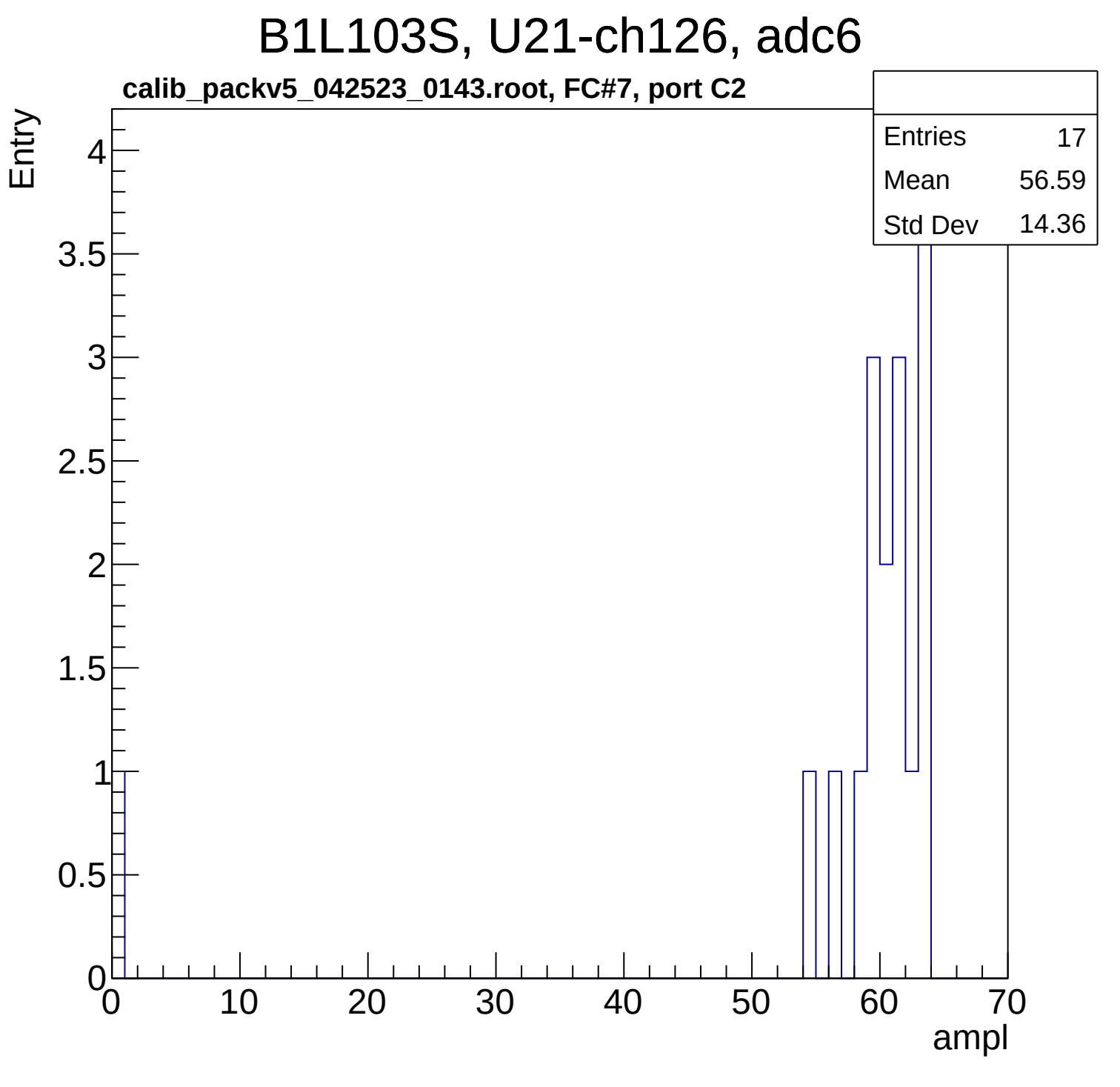
40
50
60
70


B1L103S, U21-ch126, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 17
Mean 56.59
Std Dev 14.36
Entry
ampl
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1.5
2
2.5
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3.5
4
0
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20
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40
50
60
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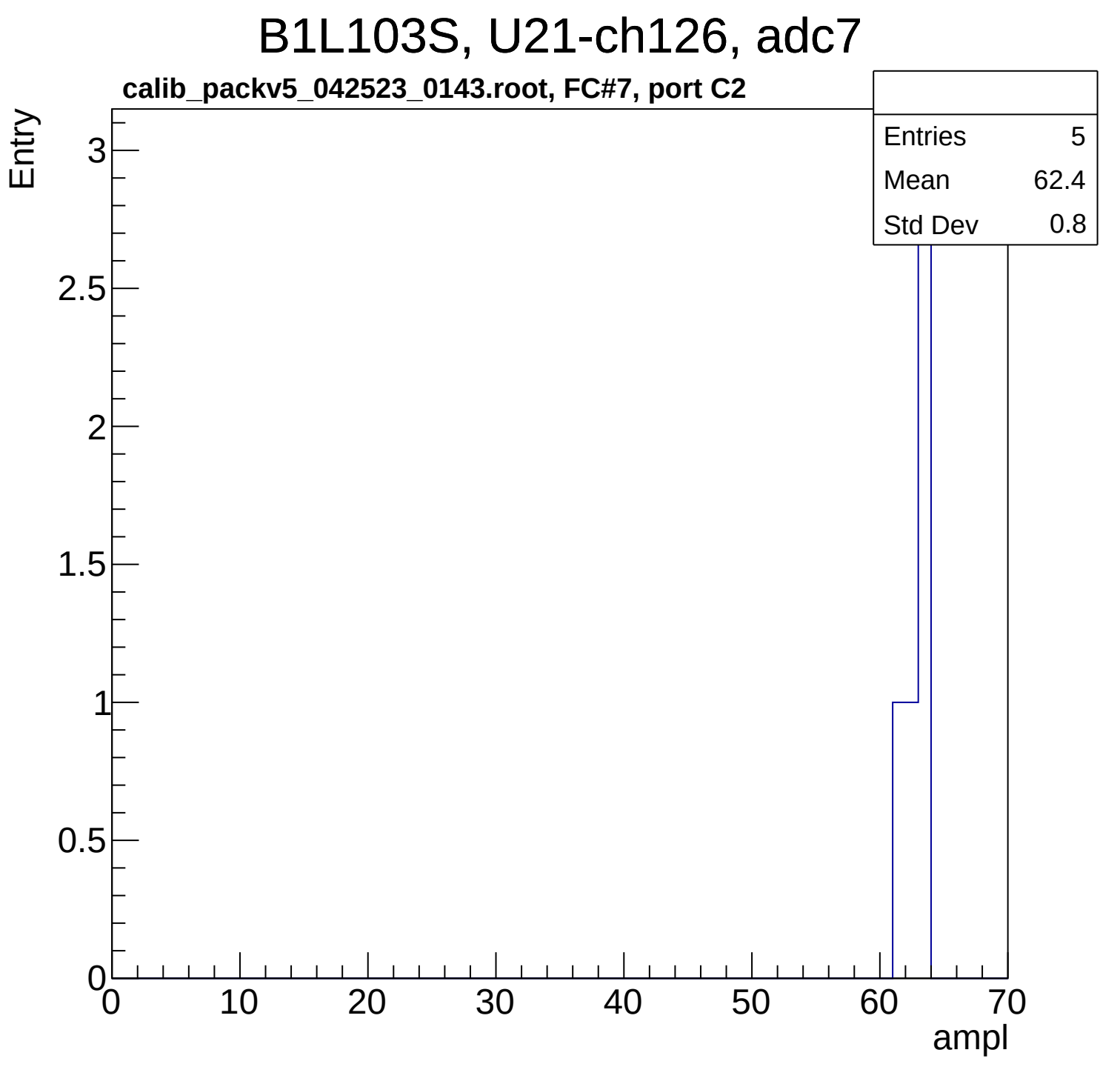
B1L103S, U21-ch126, adc7
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 62.4
Std Dev 0.8
Entry
ampl
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0.5
1
1.5
2
2.5
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0
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60
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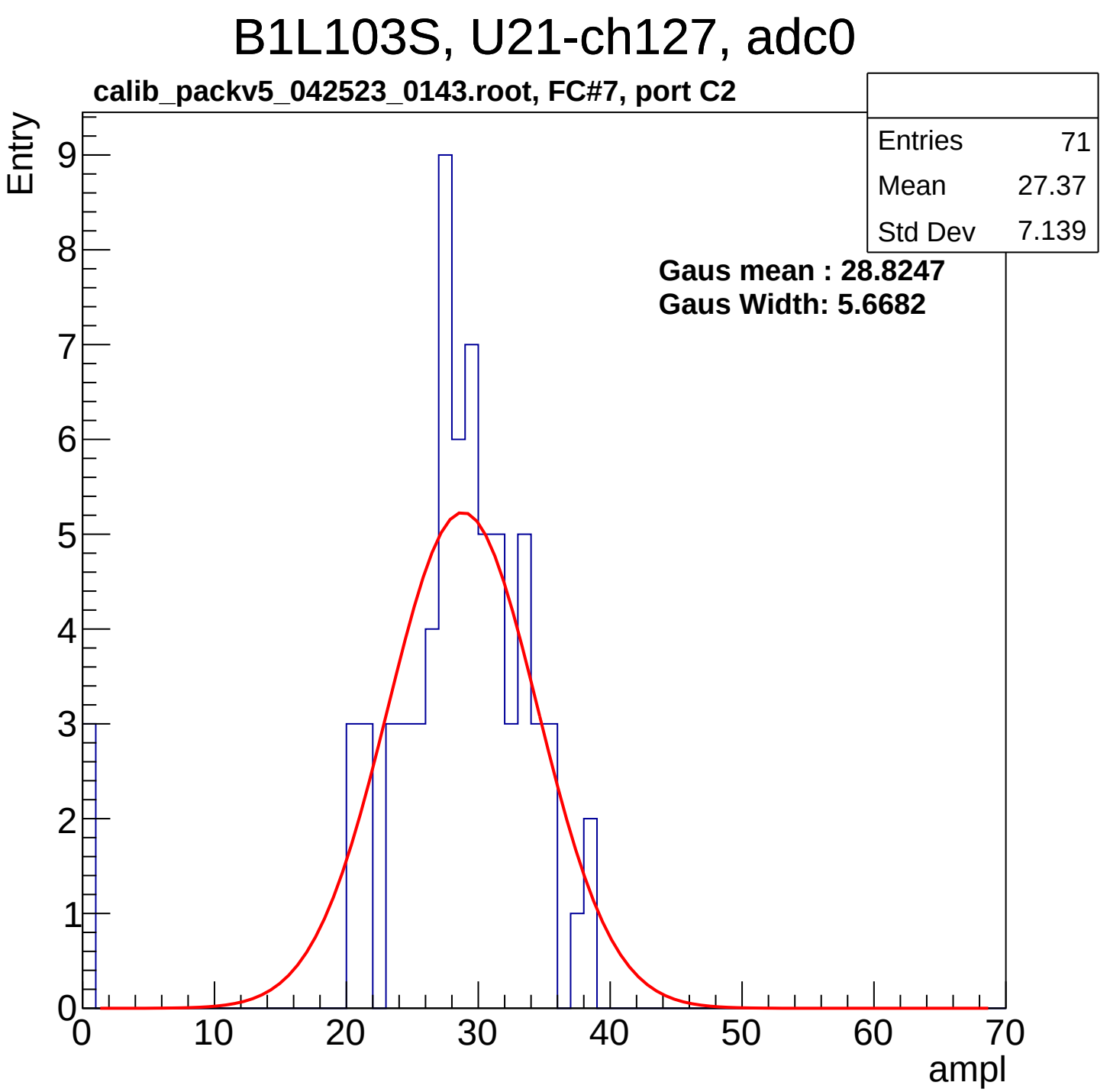
B1L103S, U21-ch127, adc0
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 27.37
Std Dev 7.139
Gaus mean : 28.8247
Gaus Width: 5.6682
Entry
ampl
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2
3
4
5
6
7
8
9
0
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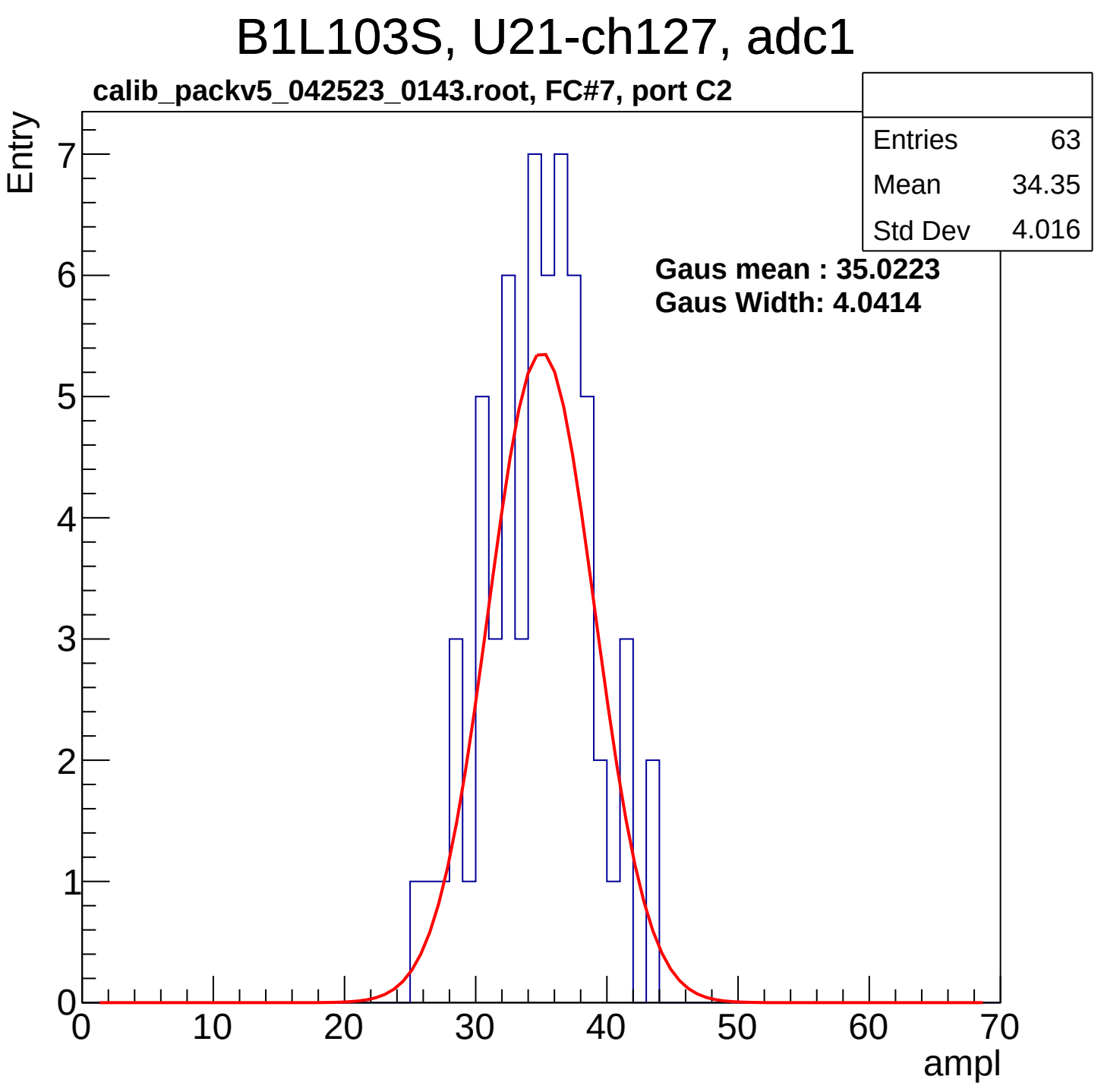
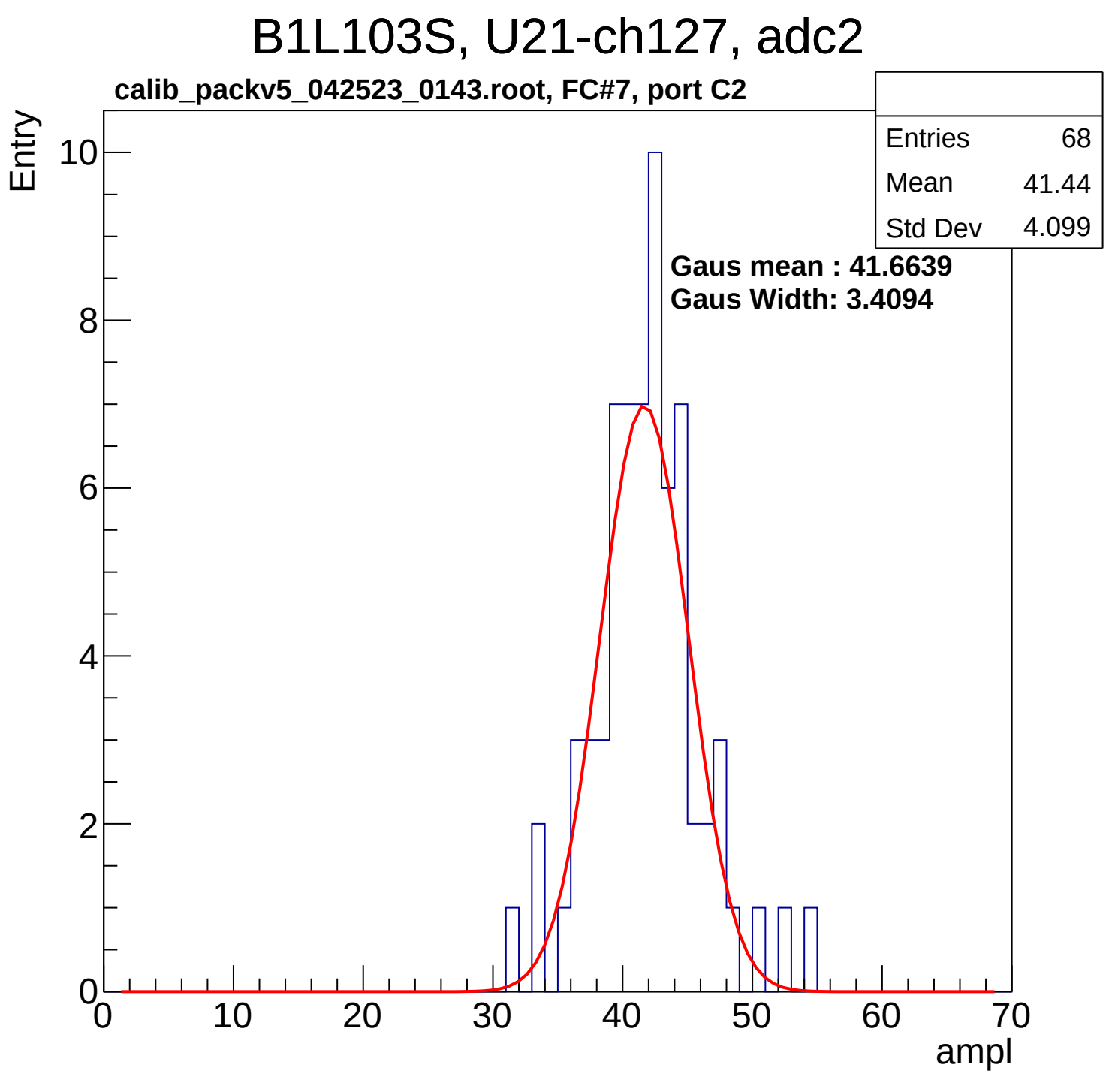
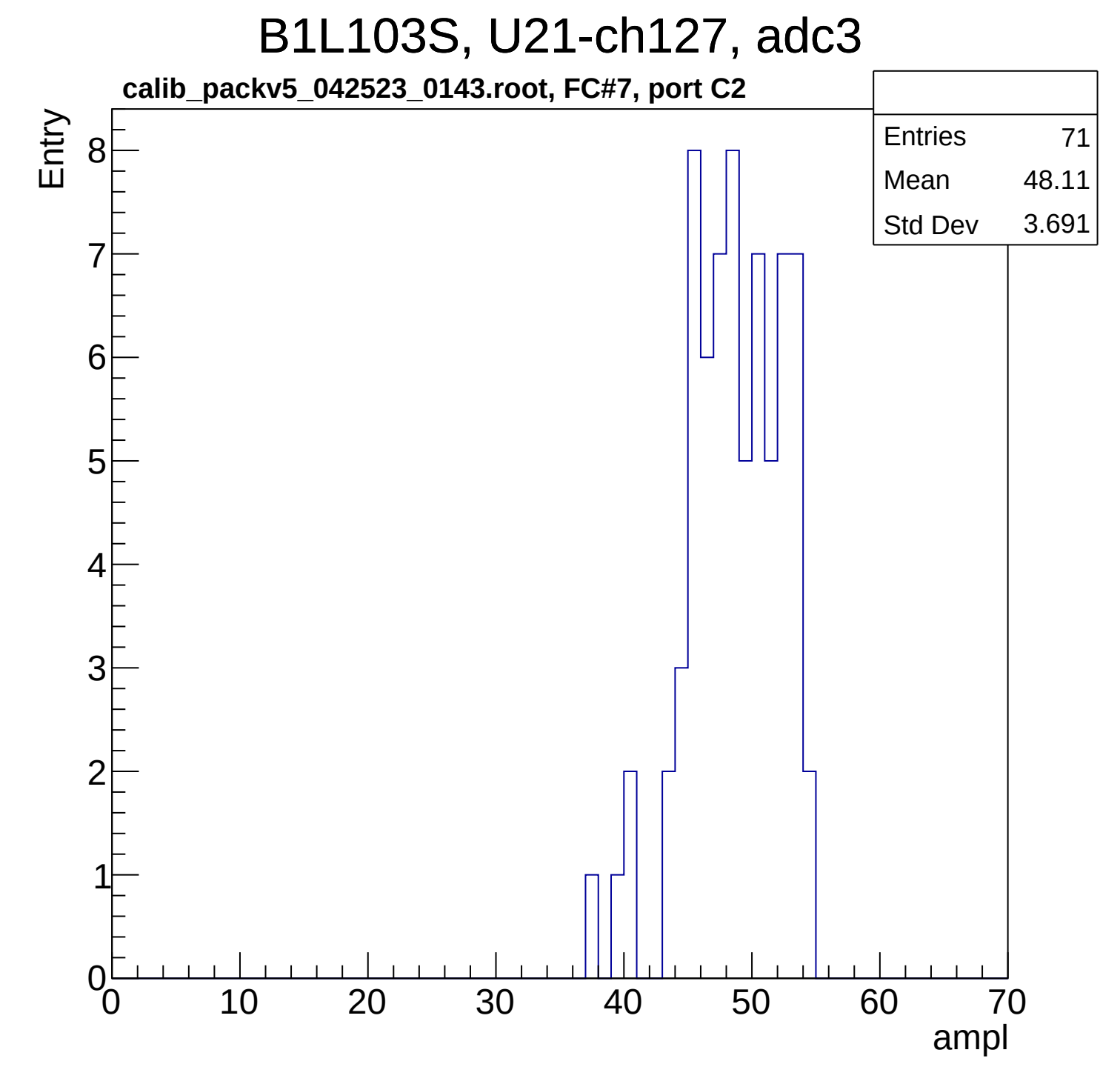
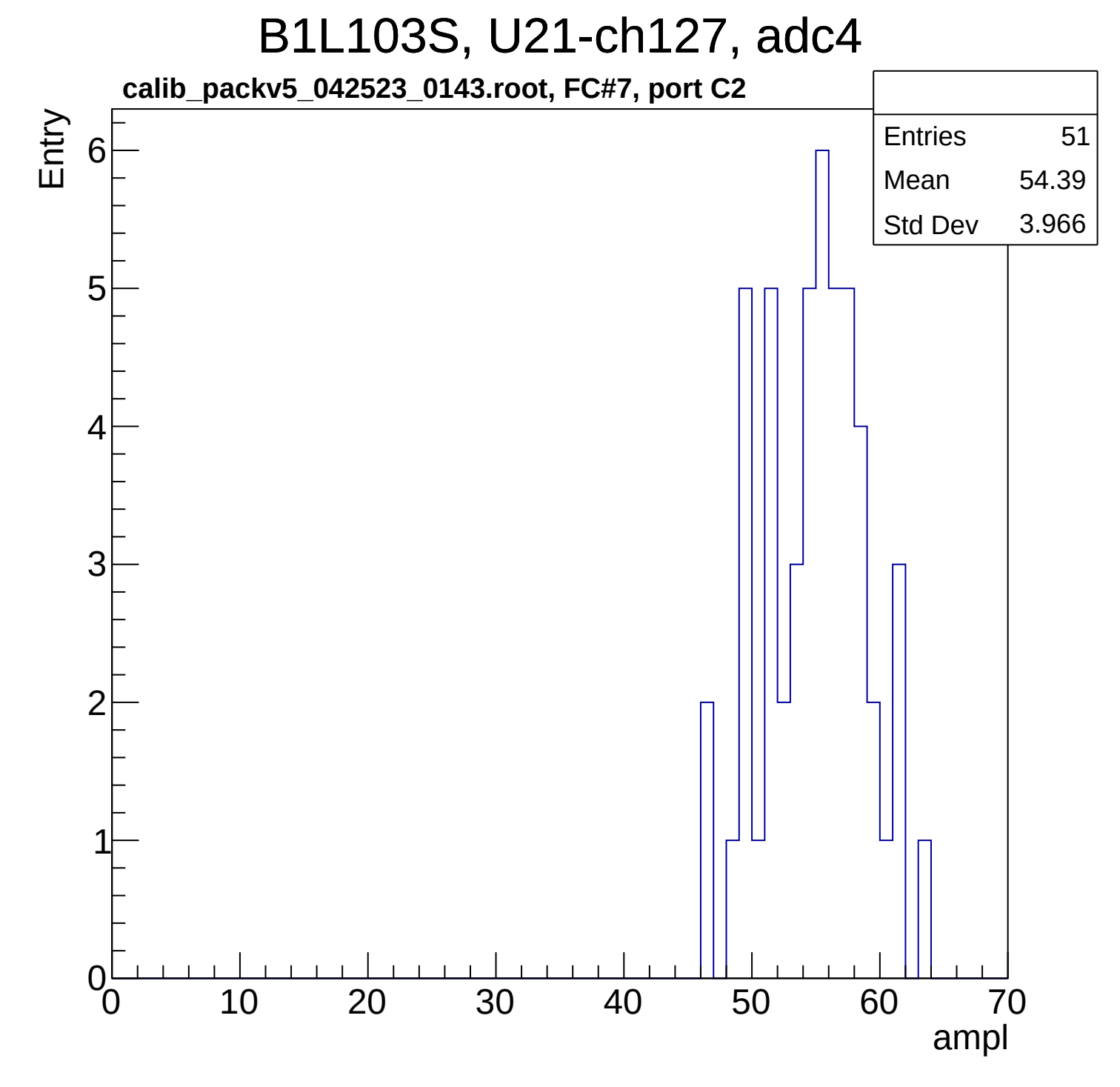
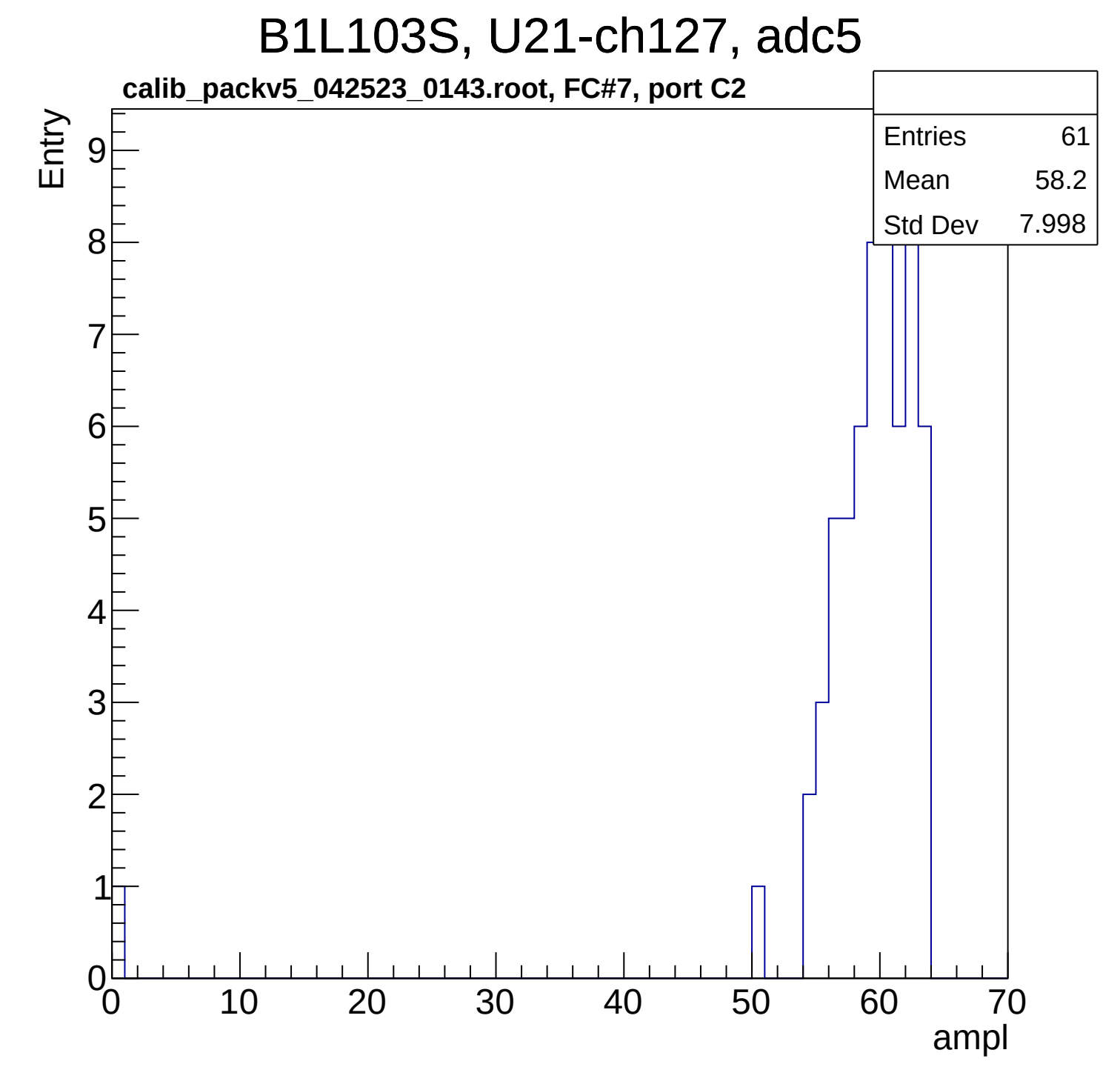
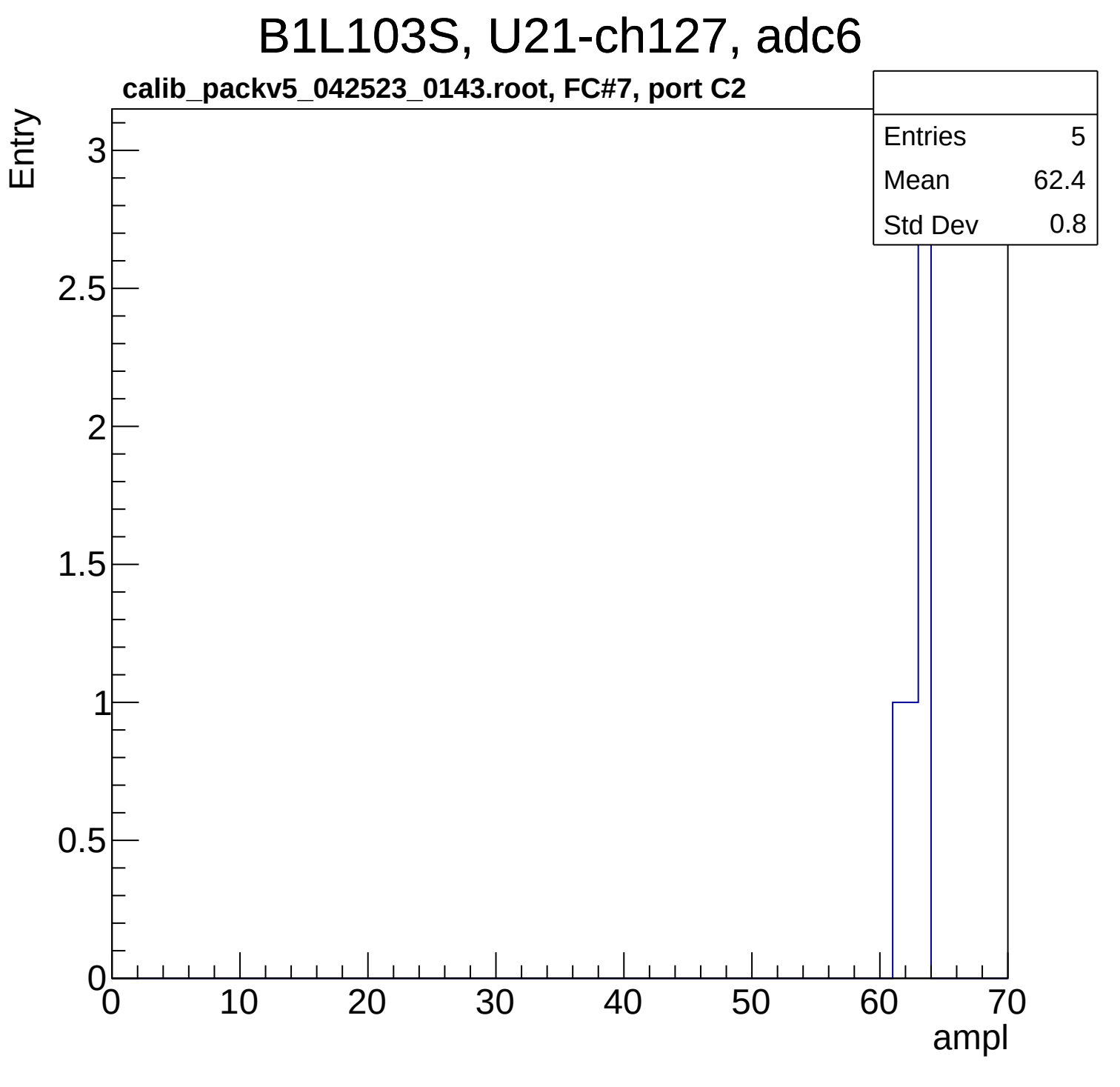

B1L103S, U21-ch127, adc1
calib_packv5_042523_0143.root, FC#7, port C2
Entries 63
Mean 34.35
Std Dev 4.016
Gaus mean : 35.0223
Gaus Width: 4.0414
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

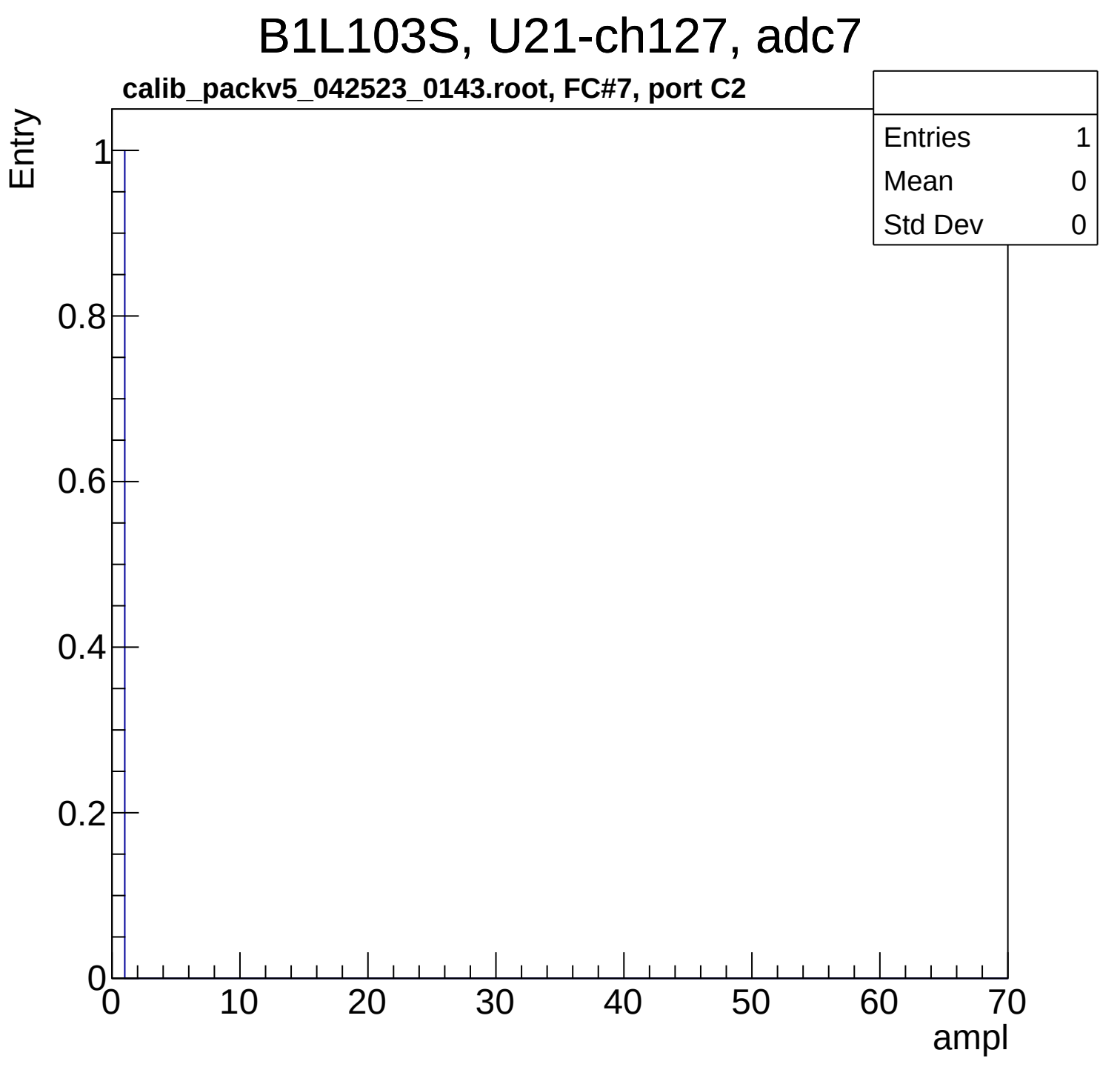

B1L103S, U21-ch127, adc2
calib_packv5_042523_0143.root, FC#7, port C2
Entries 68
Mean 41.44
Std Dev 4.099
Gaus mean : 41.6639
Gaus Width: 3.4094
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

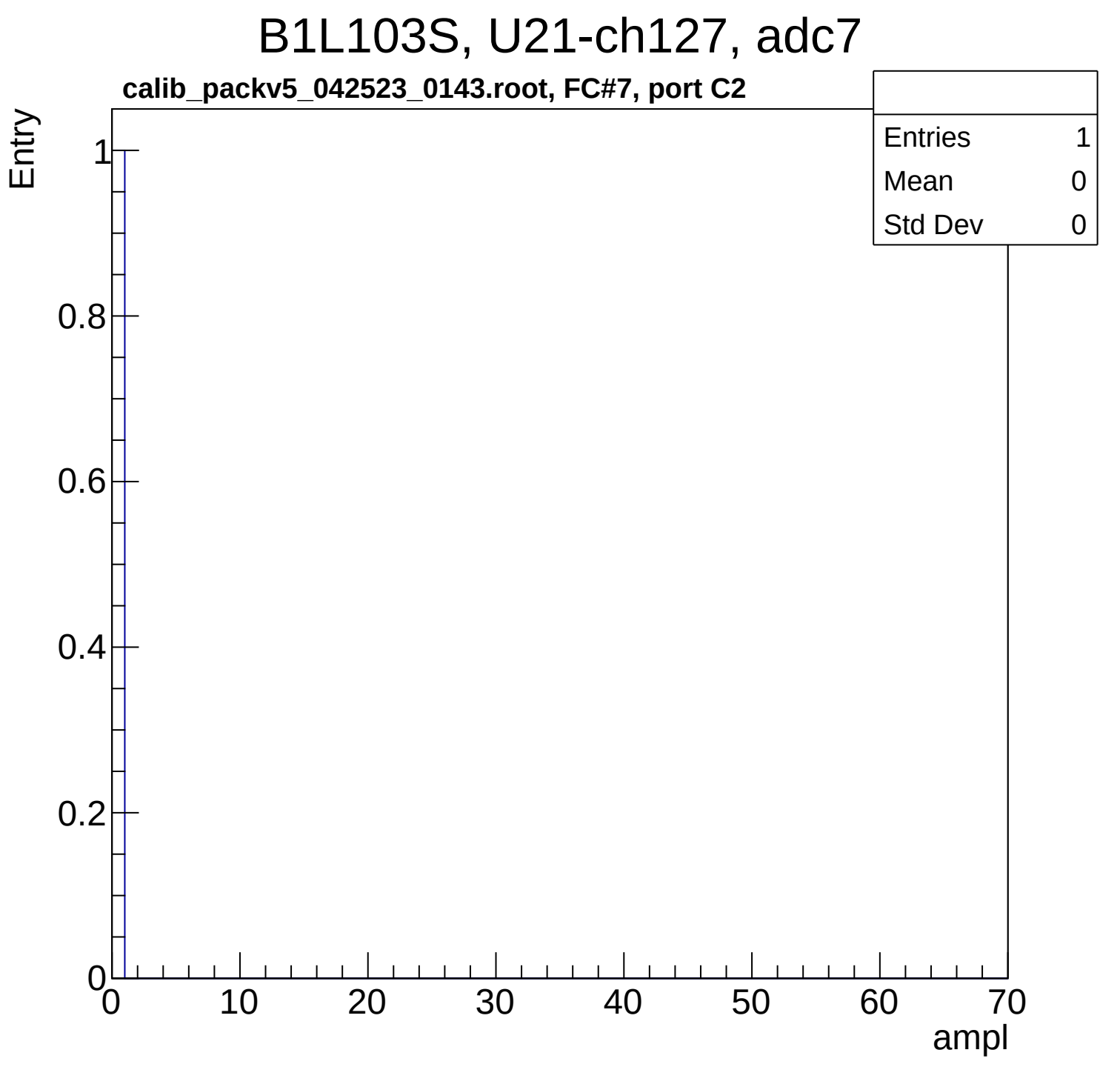

B1L103S, U21-ch127, adc3
calib_packv5_042523_0143.root, FC#7, port C2
Entries 71
Mean 48.11
Std Dev 3.691
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L103S, U21-ch127, adc4
calib_packv5_042523_0143.root, FC#7, port C2
Entries 51
Mean 54.39
Std Dev 3.966
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L103S, U21-ch127, adc5
calib_packv5_042523_0143.root, FC#7, port C2
Entries 61
Mean 58.2
Std Dev 7.998
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L103S, U21-ch127, adc6
calib_packv5_042523_0143.root, FC#7, port C2
Entries 5
Mean 62.4
Std Dev 0.8
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L103S, U21-ch127, 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, U21-ch127, 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