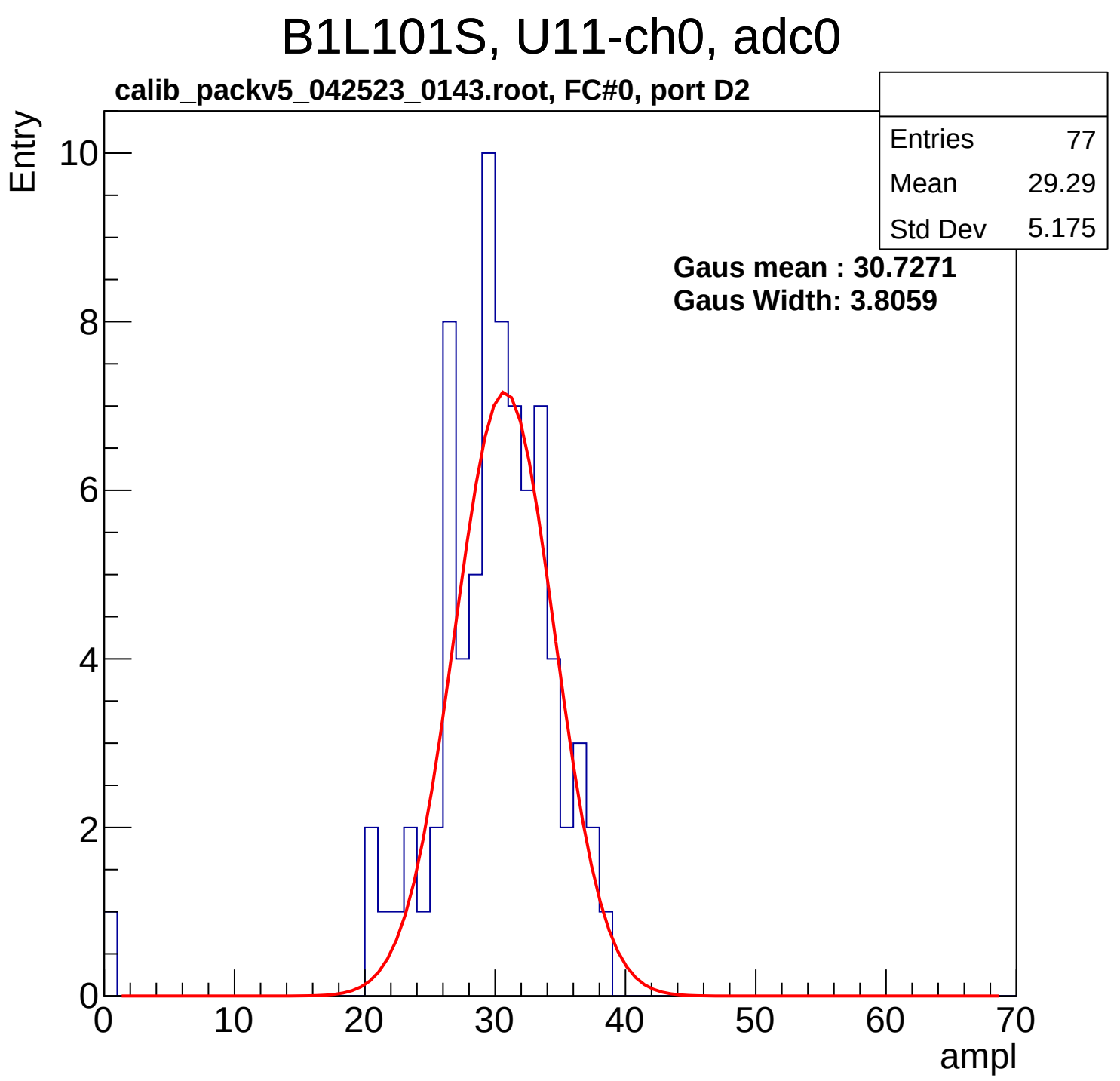
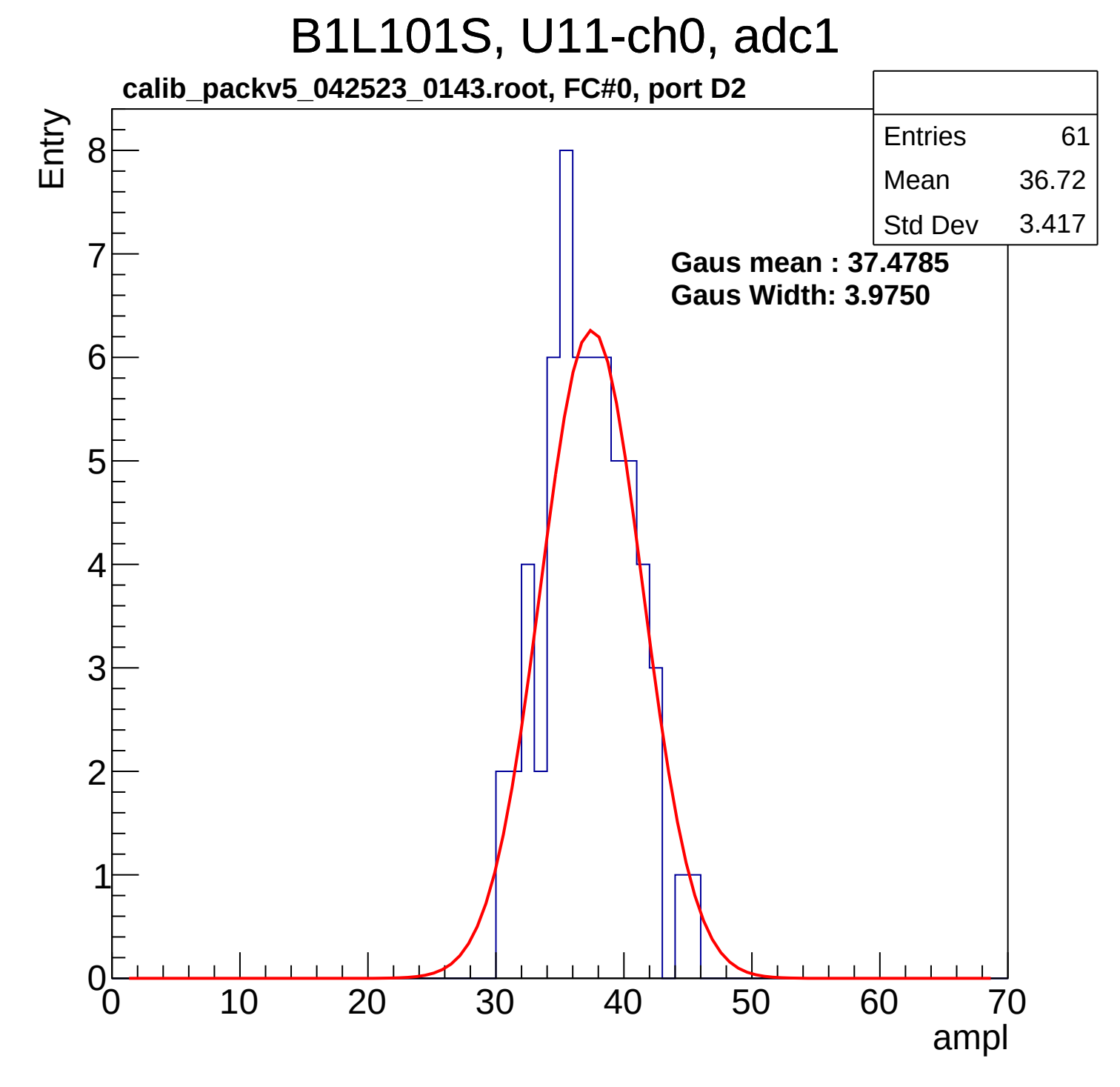

B1L101S, U11-ch0, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 77
Mean 29.29
Std Dev 5.175
Gaus mean : 30.7271
Gaus Width: 3.8059
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch0, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 36.72
Std Dev 3.417
Gaus mean : 37.4785
Gaus Width: 3.9750
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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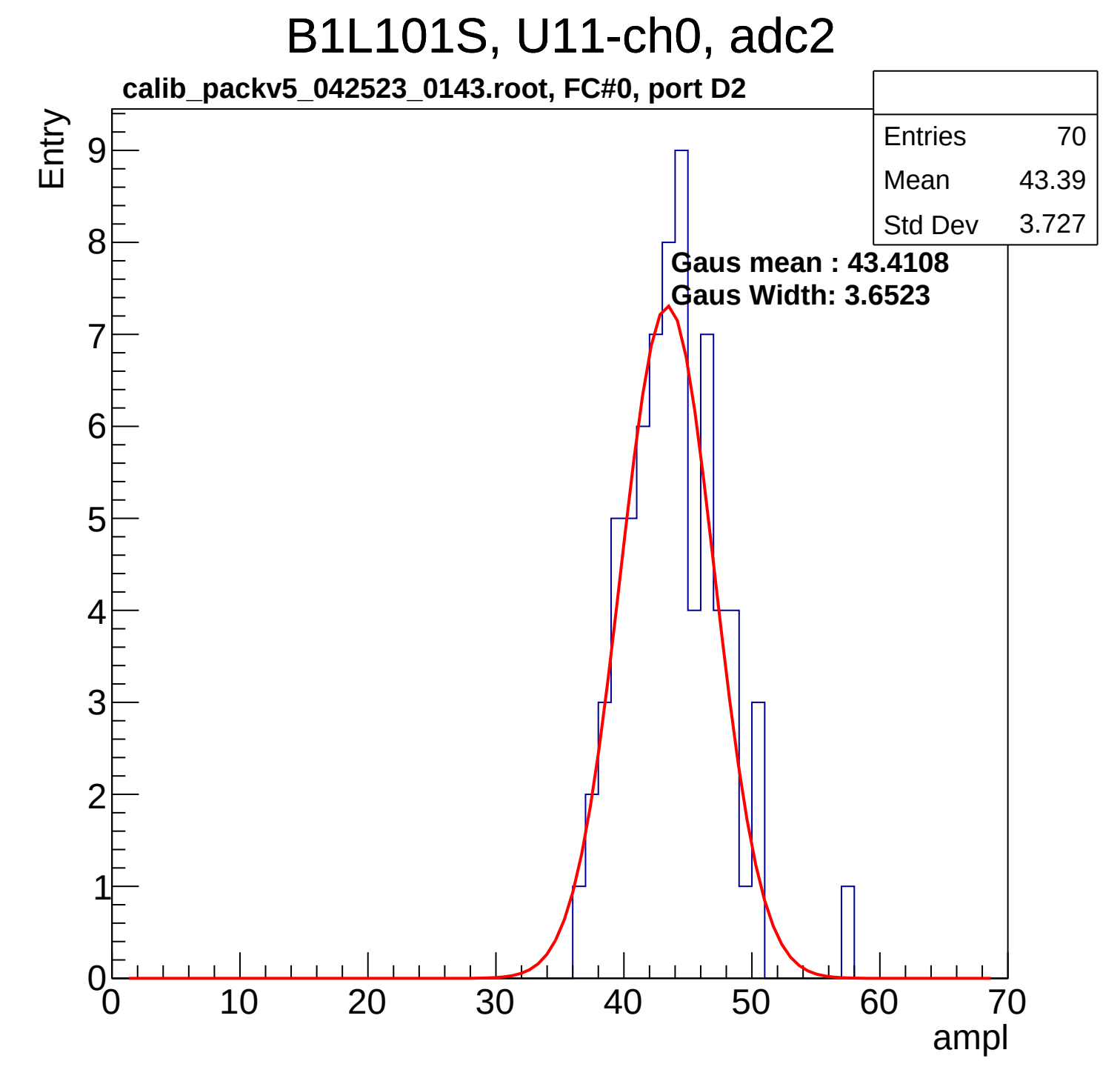
B1L101S, U11-ch0, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 43.39
Std Dev 3.727
Gaus mean : 43.4108
Gaus Width: 3.6523
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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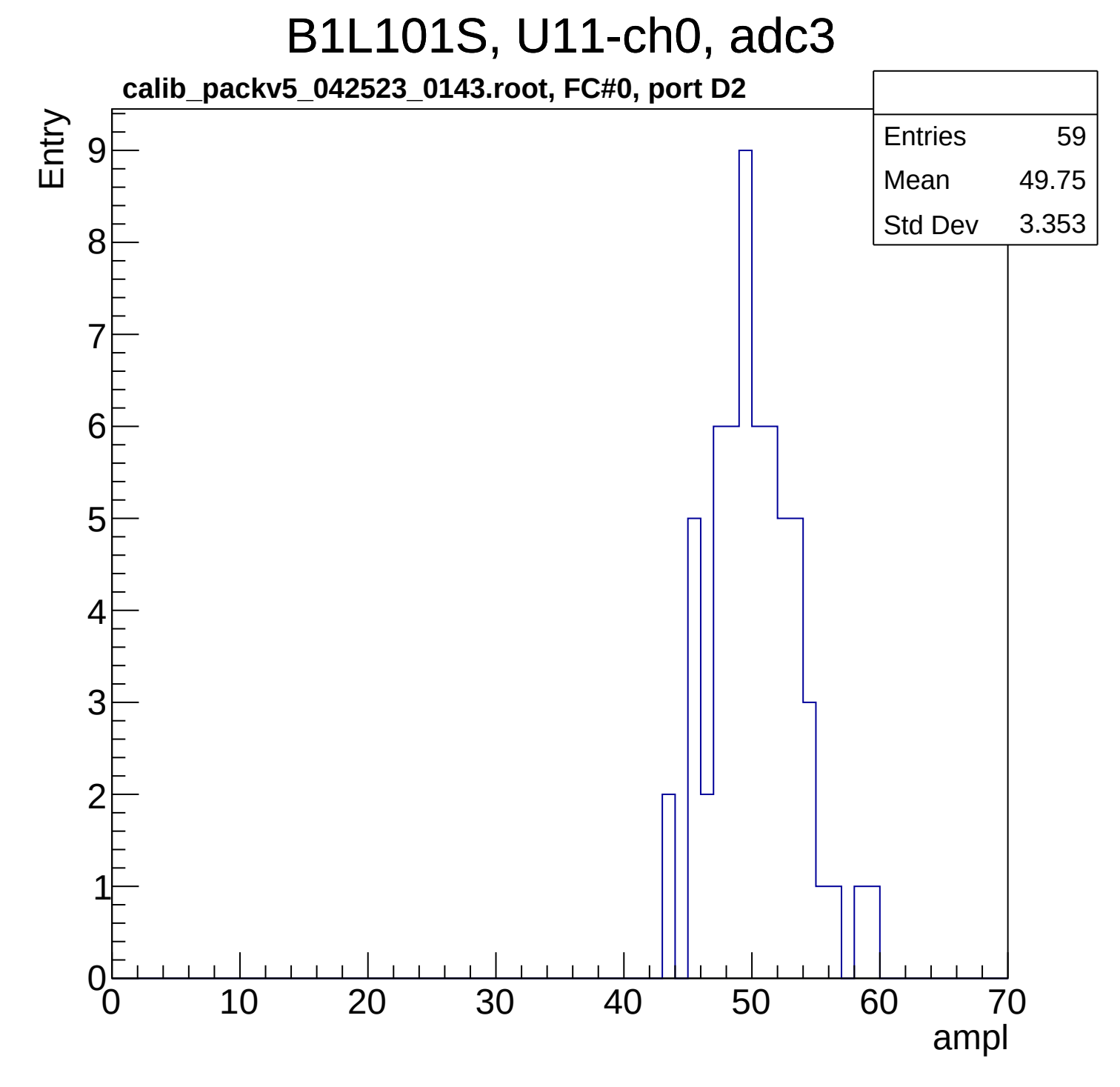
B1L101S, U11-ch0, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 49.75
Std Dev 3.353
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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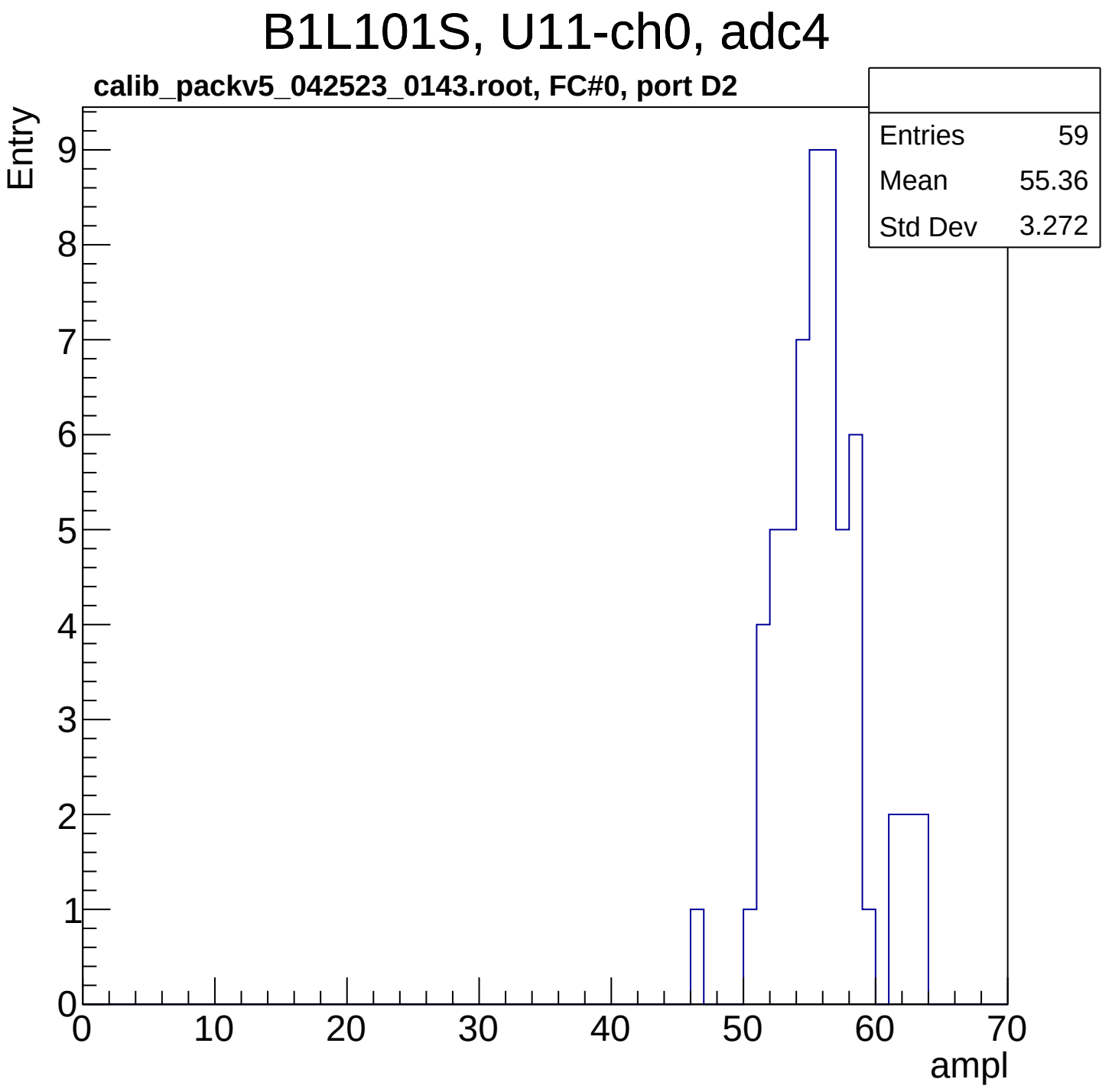
B1L101S, U11-ch0, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 55.36
Std Dev 3.272
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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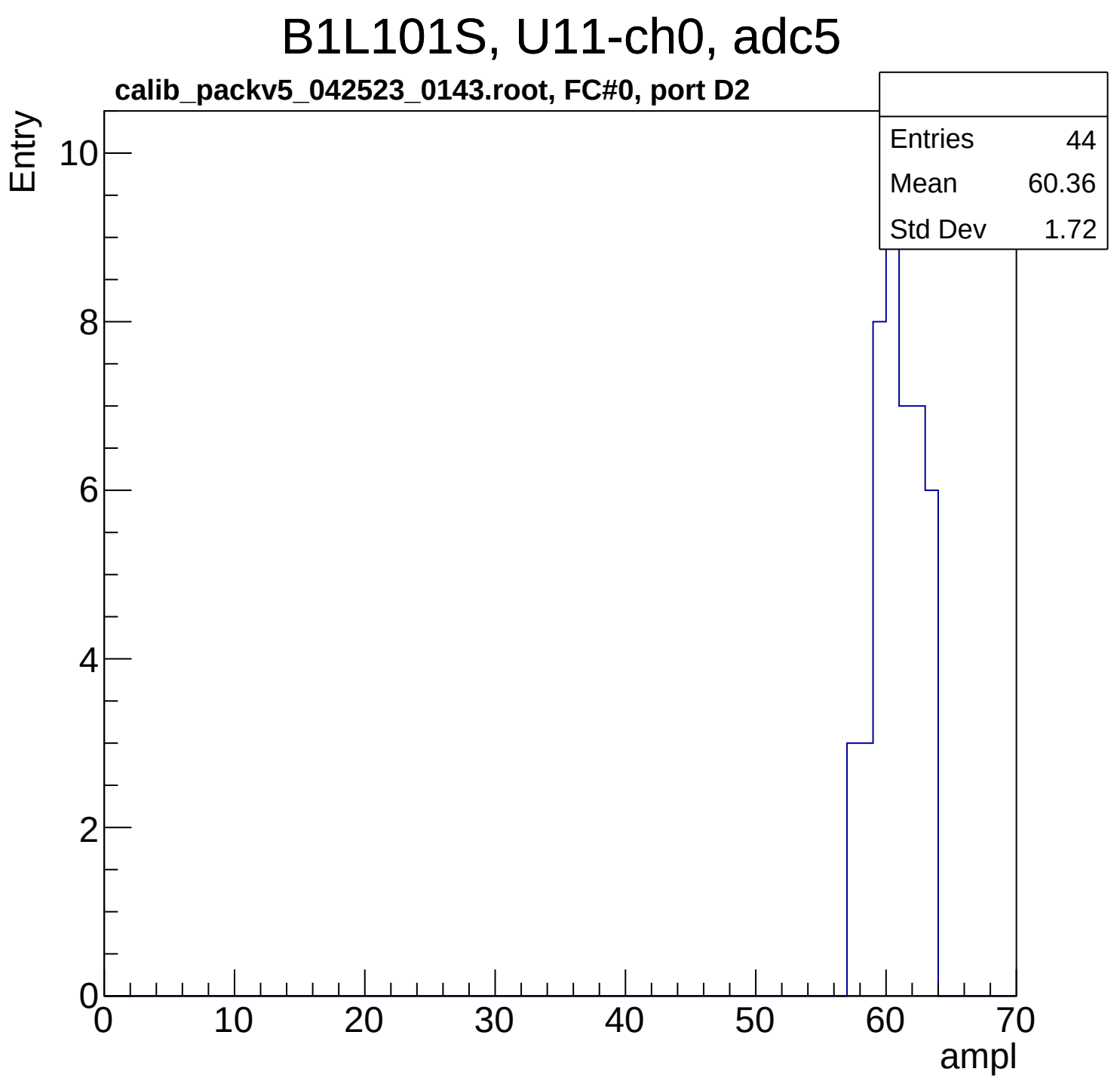
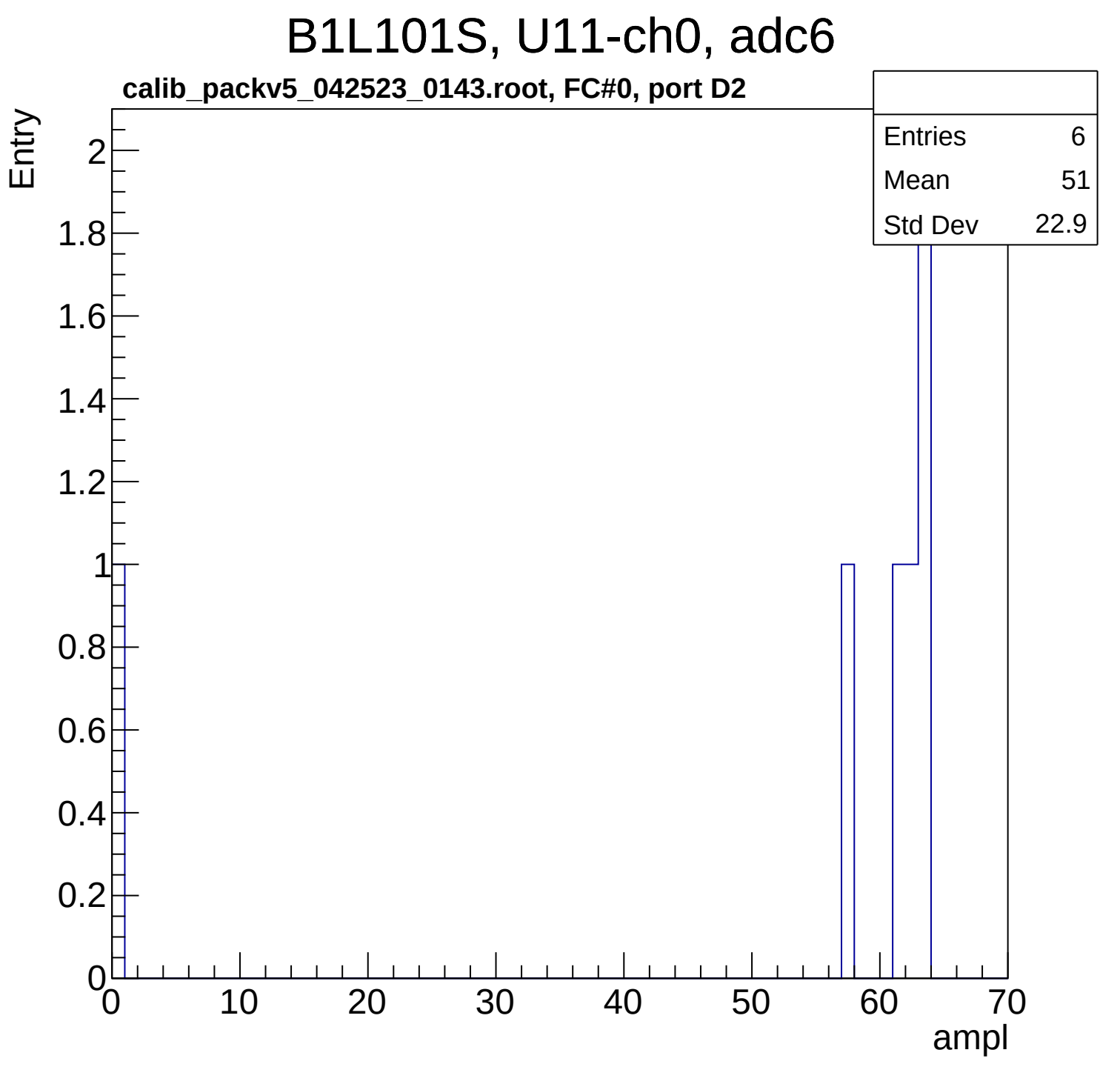
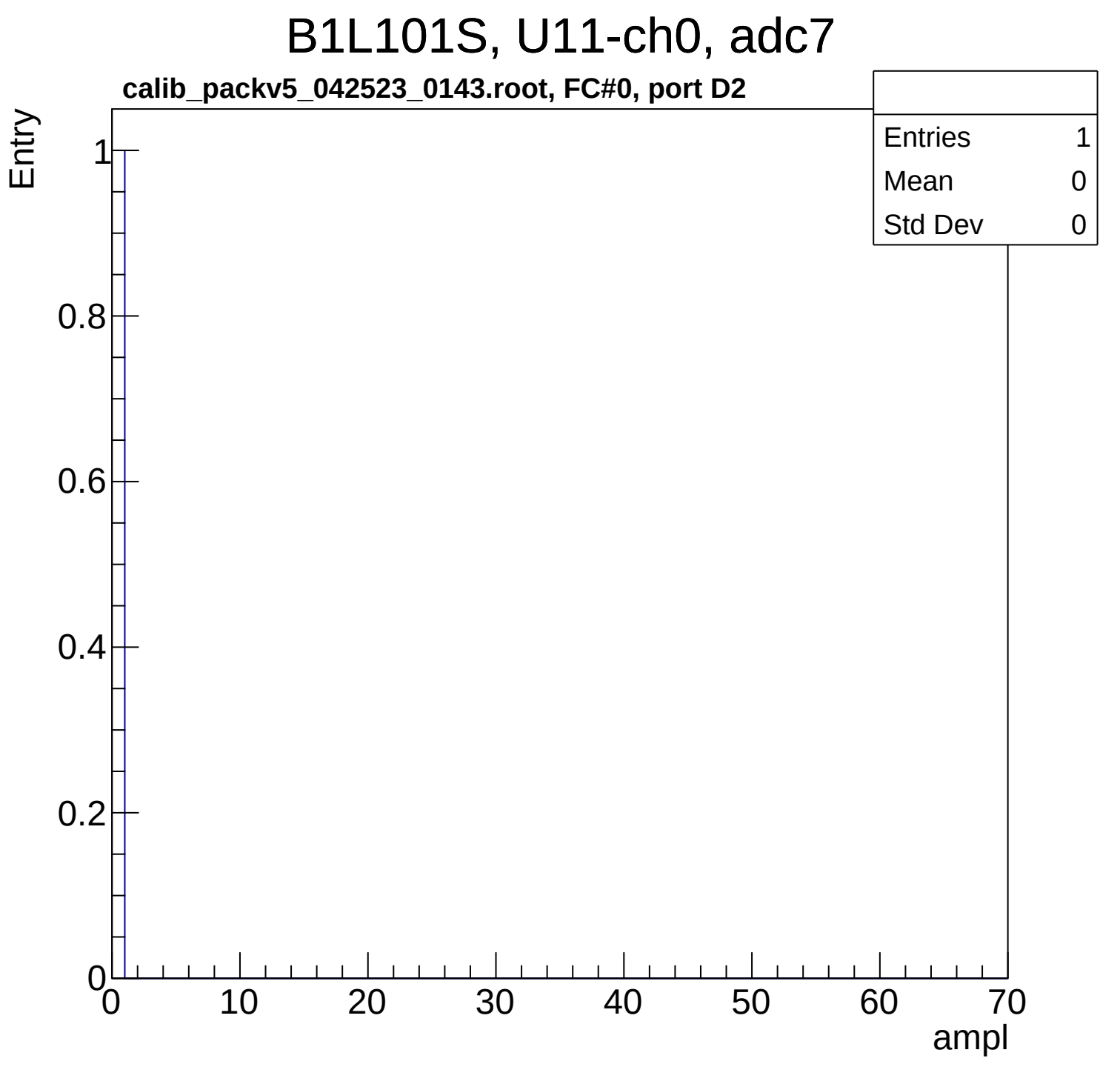
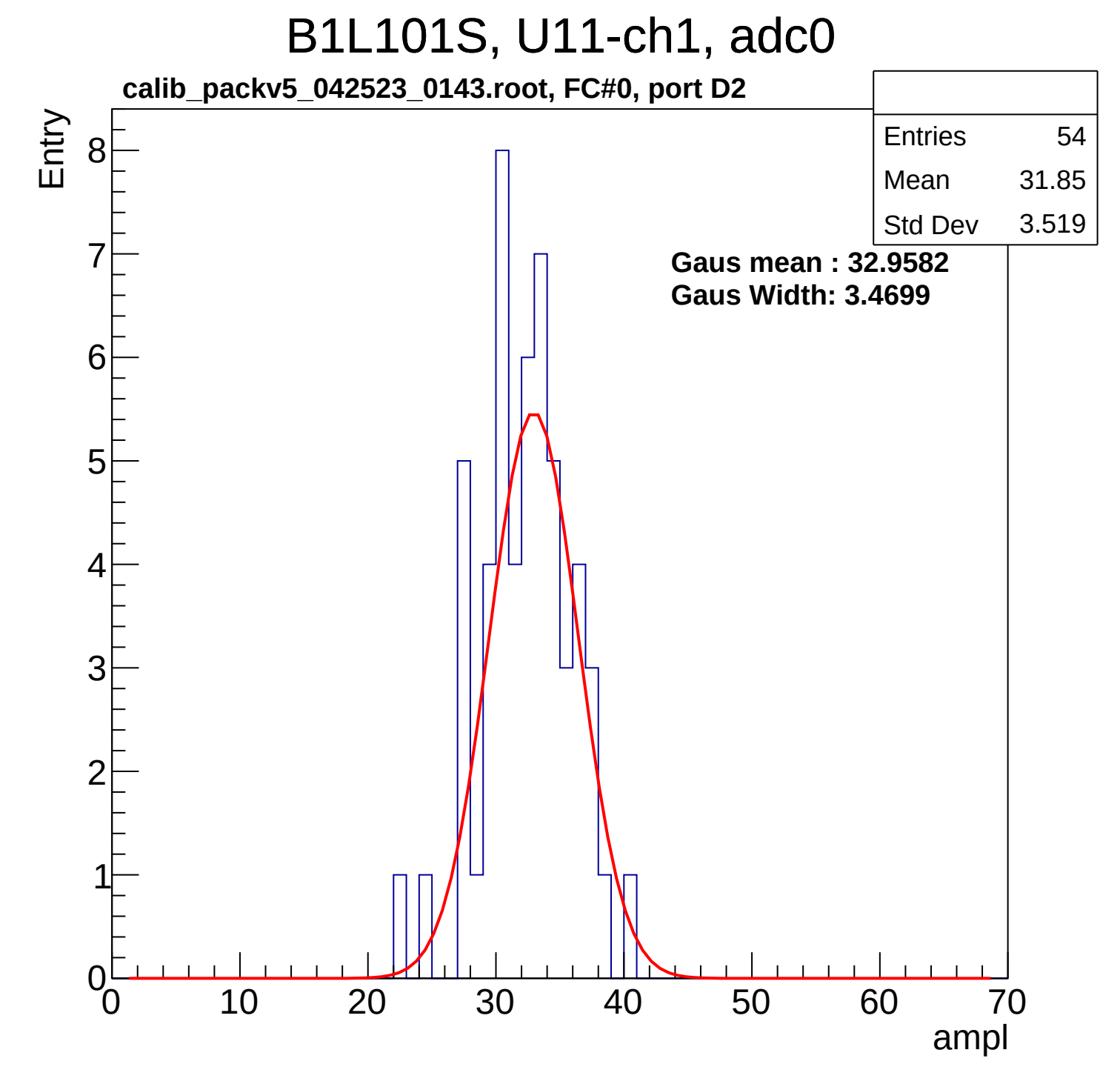
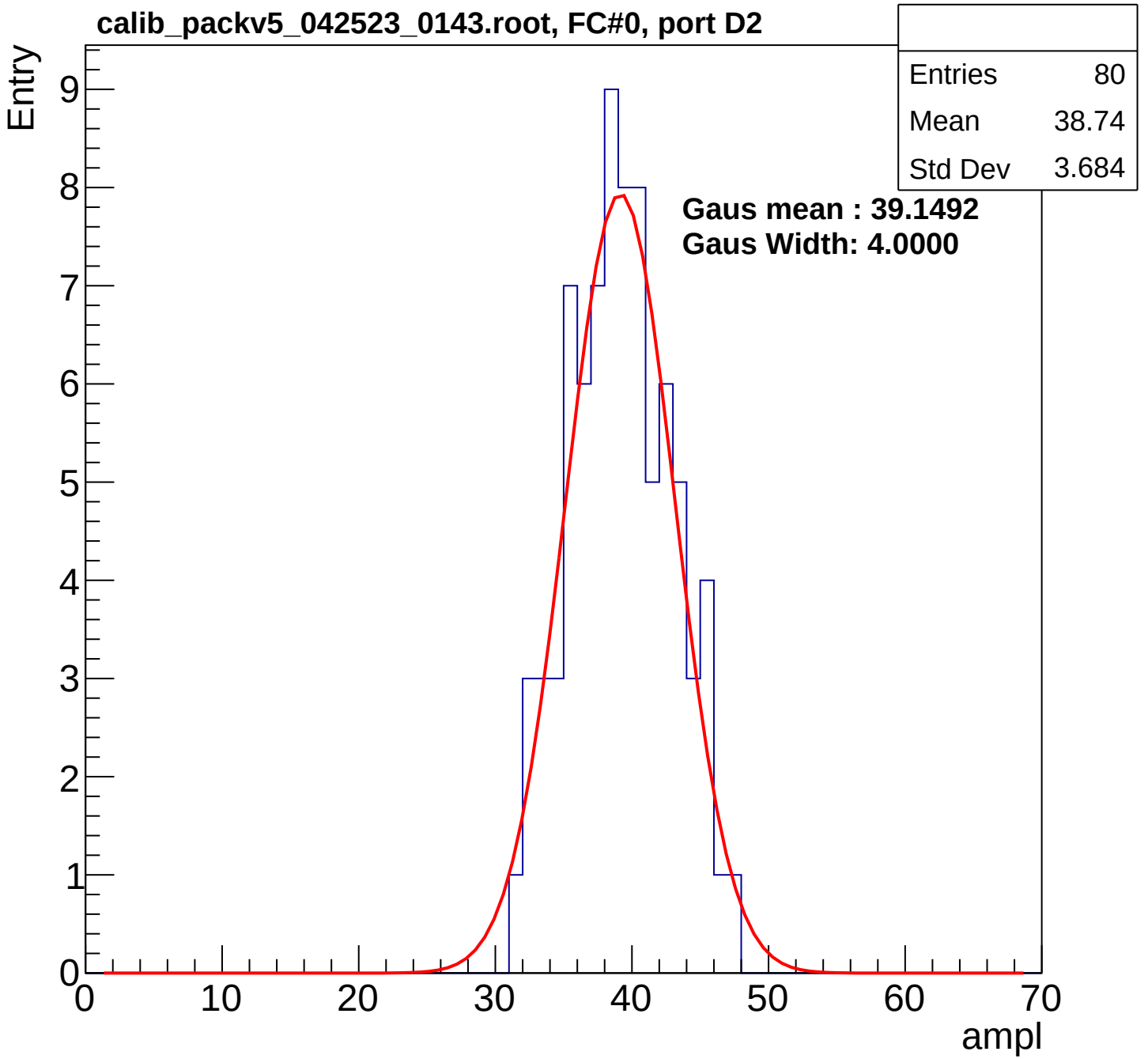
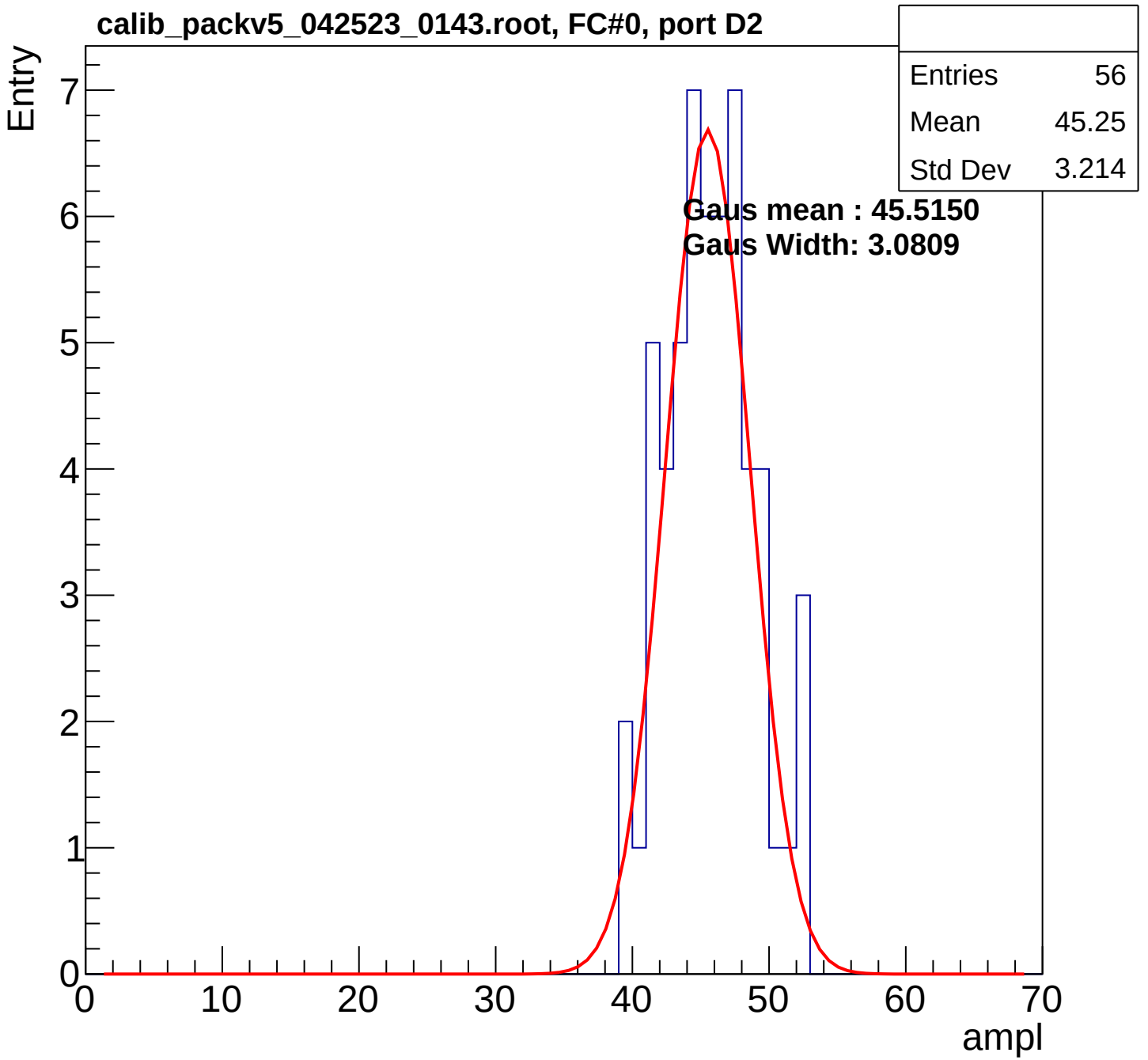

B1L101S, U11-ch0, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 44
Mean 60.36
Std Dev 1.72
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

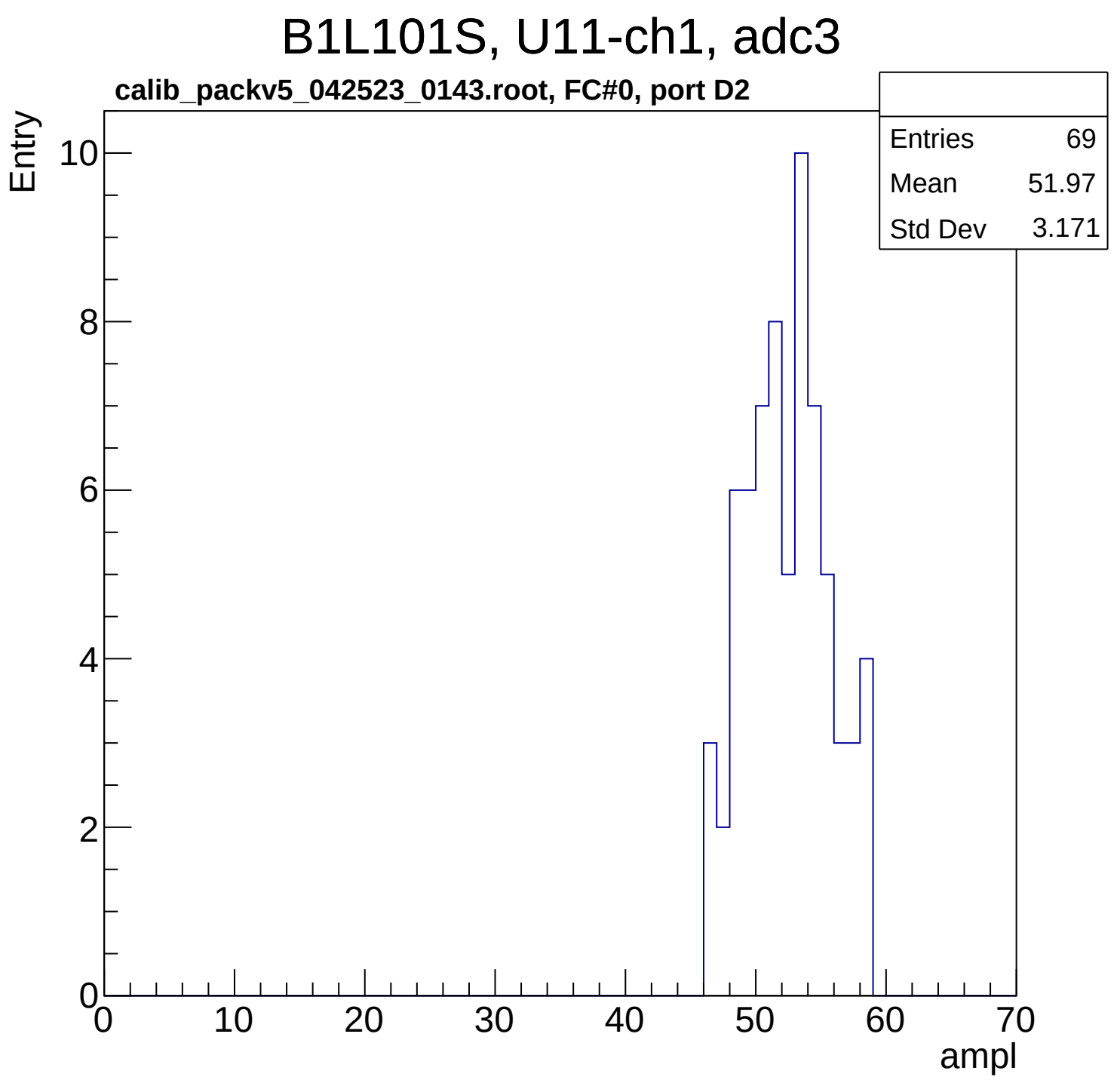

B1L101S, U11-ch0, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 6
Mean 51
Std Dev 22.9
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

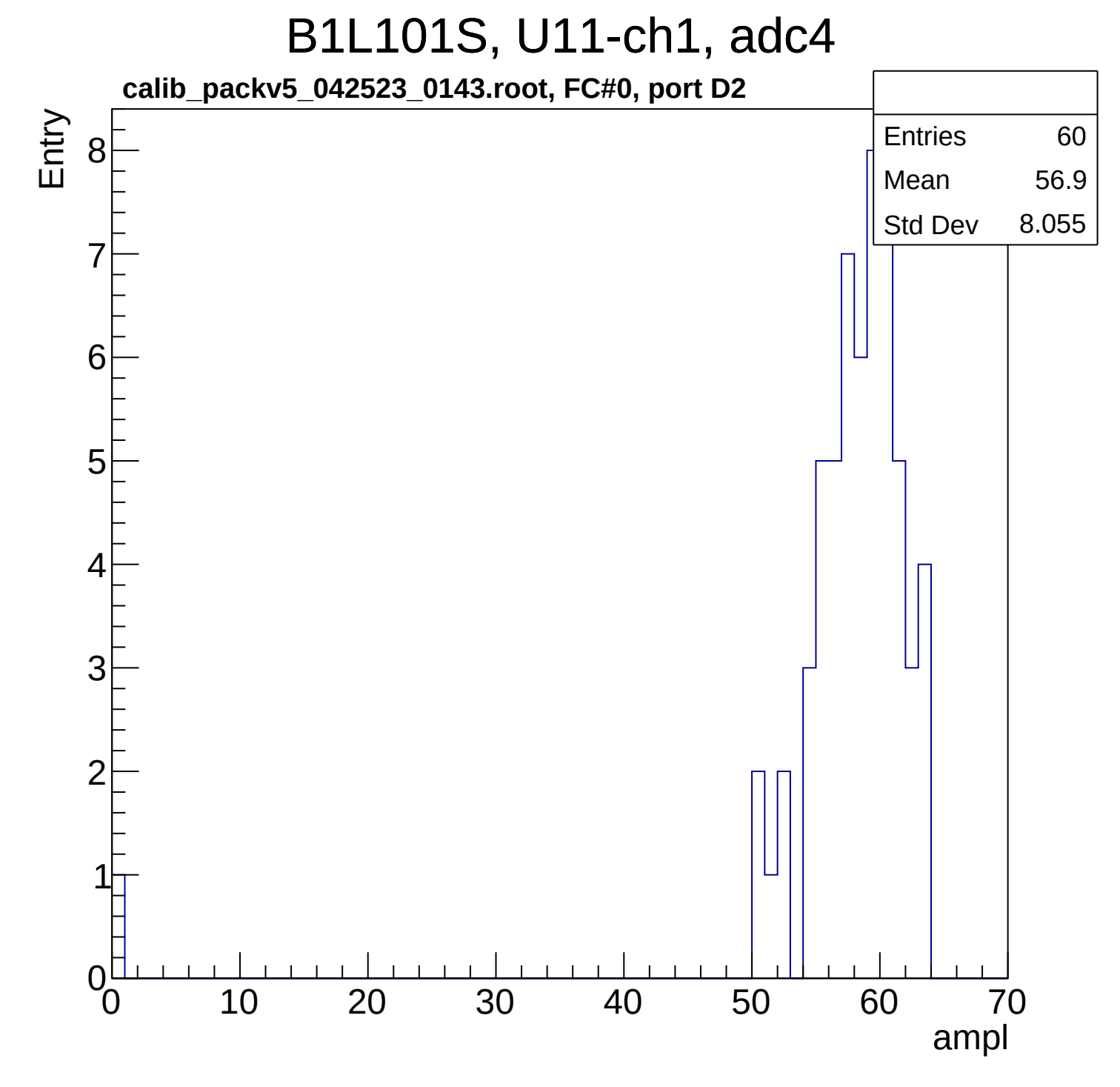

B1L101S, U11-ch0, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

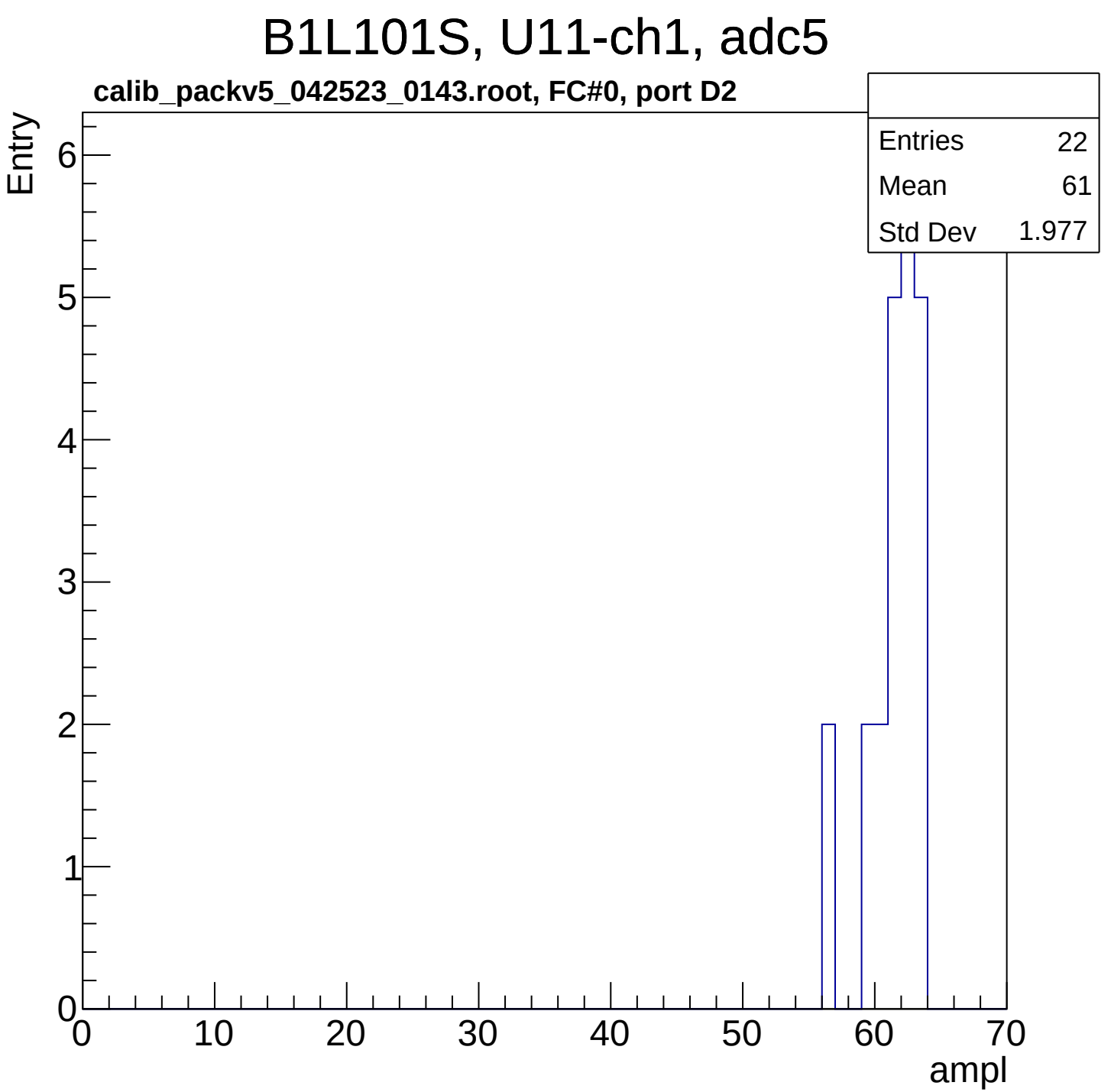

B1L101S, U11-ch1, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 54
Mean 31.85
Std Dev 3.519
Gaus mean : 32.9582
Gaus Width: 3.4699
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

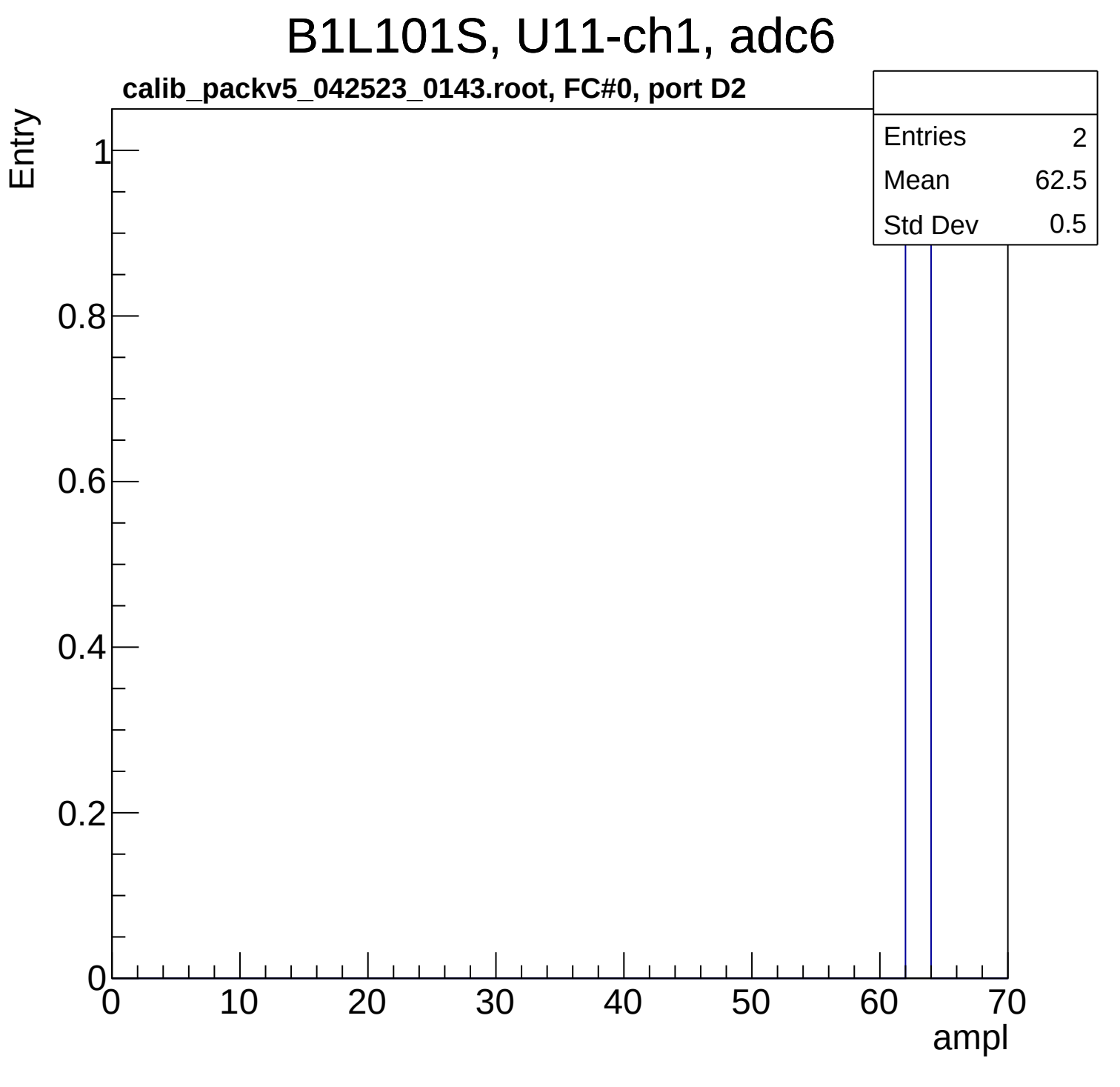

B1L101S, U11-ch1, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 80
Mean 38.74
Std Dev 3.684
Gaus mean : 39.1492
Gaus Width: 4.0000
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

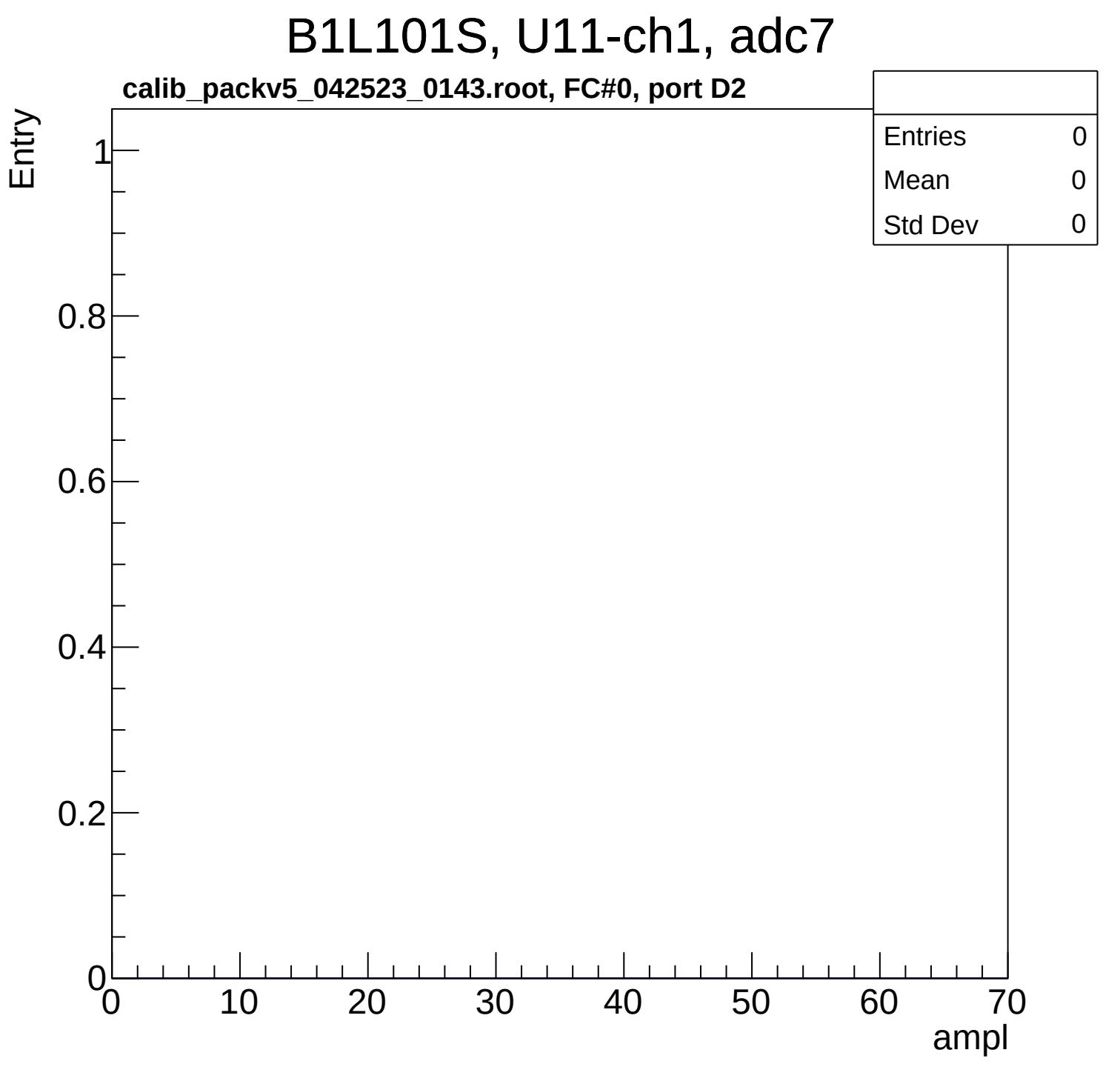

B1L101S, U11-ch1, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 45.25
Std Dev 3.214
Gaus mean : 45.5150
Gaus Width: 3.0809
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

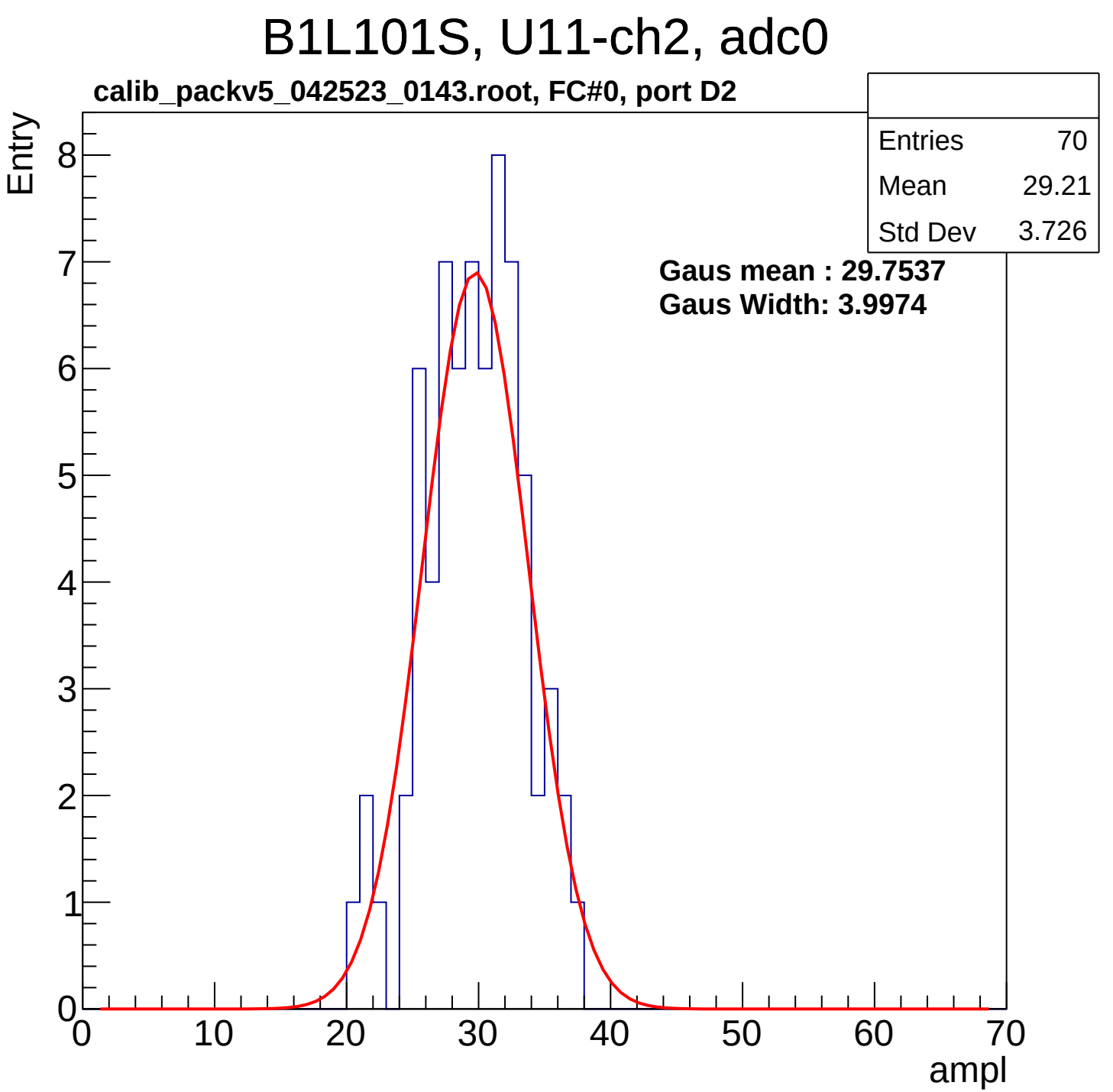

B1L101S, U11-ch1, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 51.97
Std Dev 3.171
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

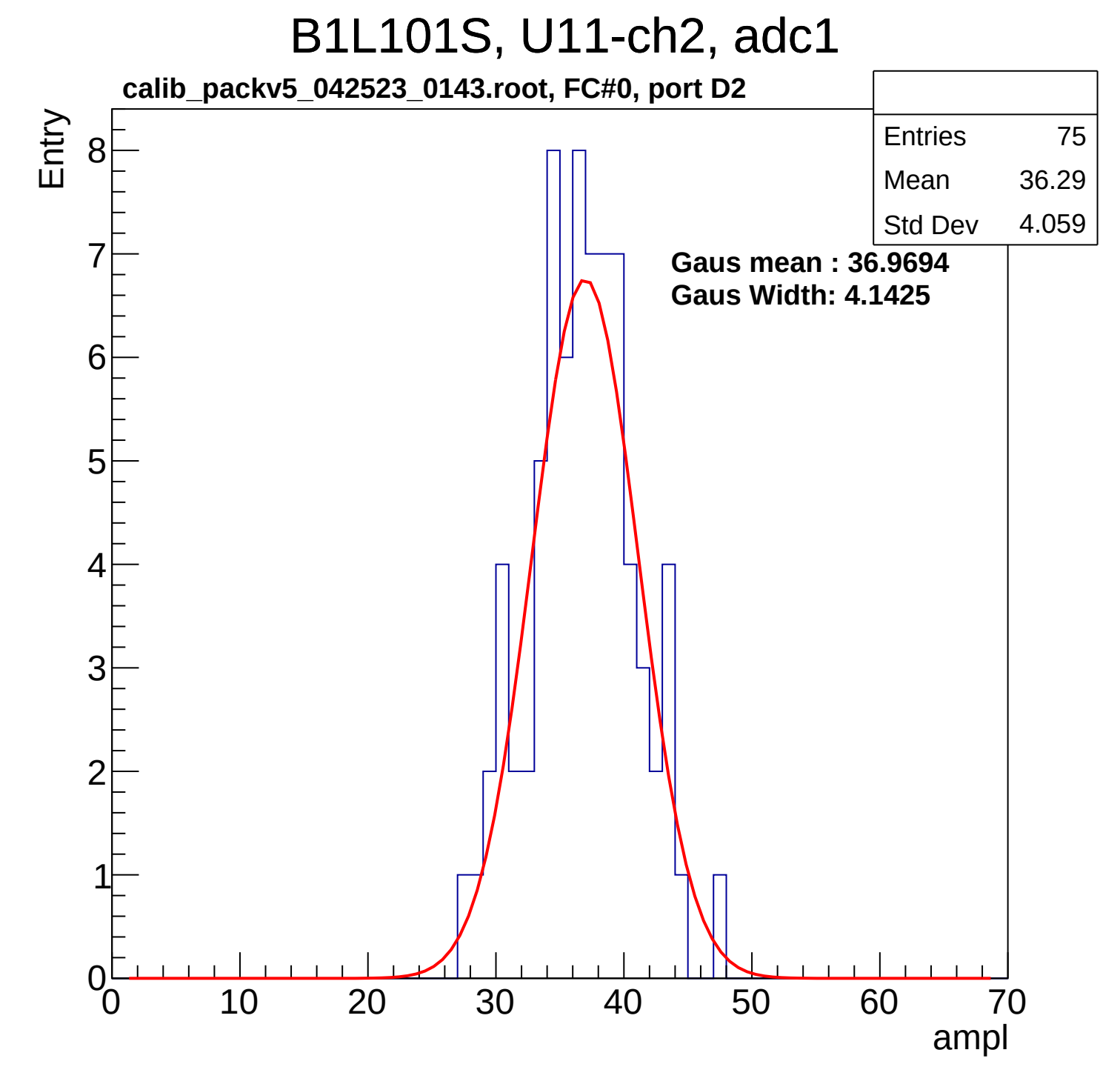

B1L101S, U11-ch1, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 56.9
Std Dev 8.055
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch1, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 22
Mean 61
Std Dev 1.977
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch1, adc6
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch1, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch2, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 29.21
Std Dev 3.726
Gaus mean : 29.7537
Gaus Width: 3.9974
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch2, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 75
Mean 36.29
Std Dev 4.059
Gaus mean : 36.9694
Gaus Width: 4.1425
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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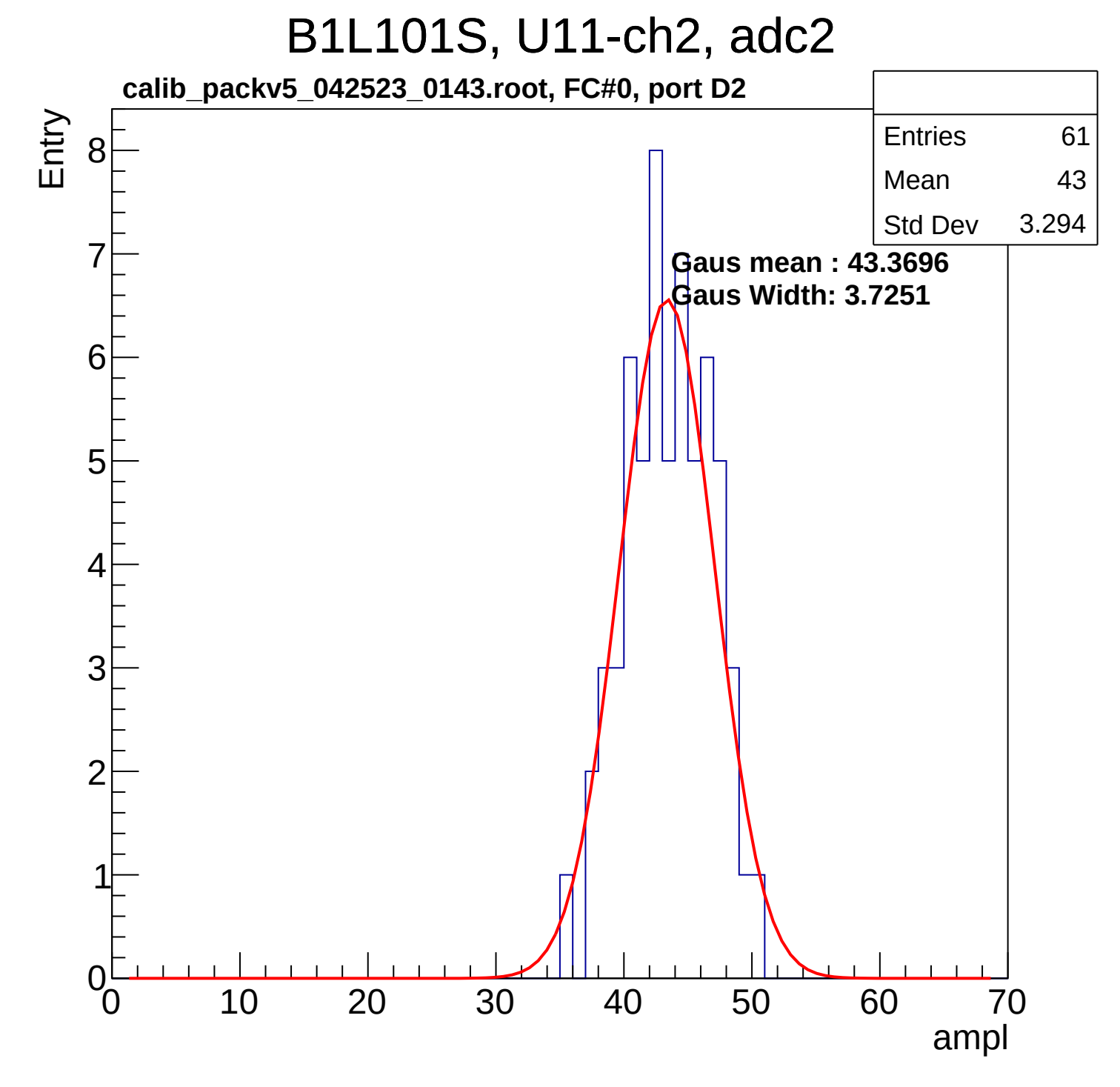
40
50
60
70


B1L101S, U11-ch2, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 43
Std Dev 3.294
Gaus mean : 43.3696
Gaus Width: 3.7251
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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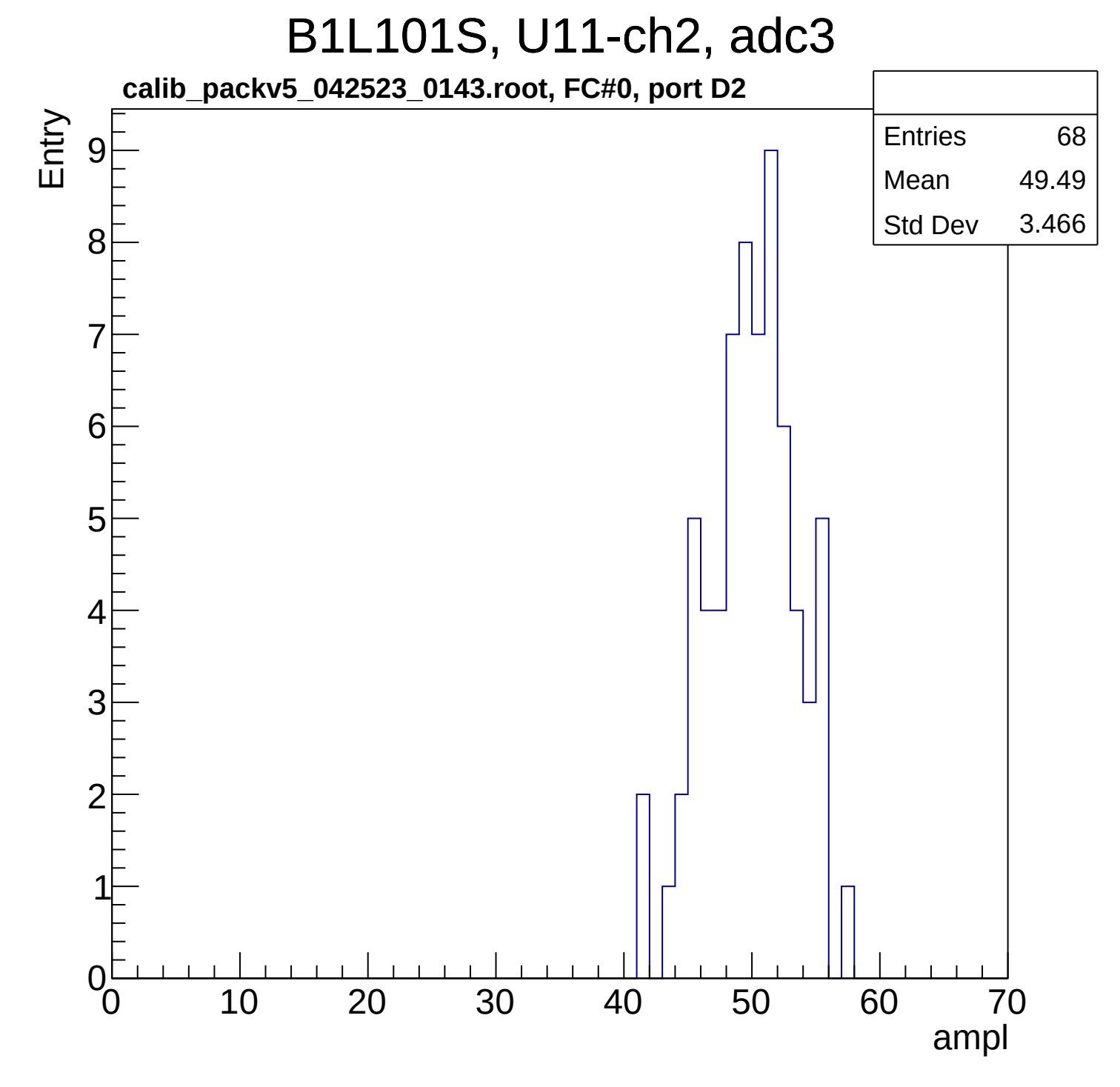
B1L101S, U11-ch2, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 49.49
Std Dev 3.466
Entry
ampl
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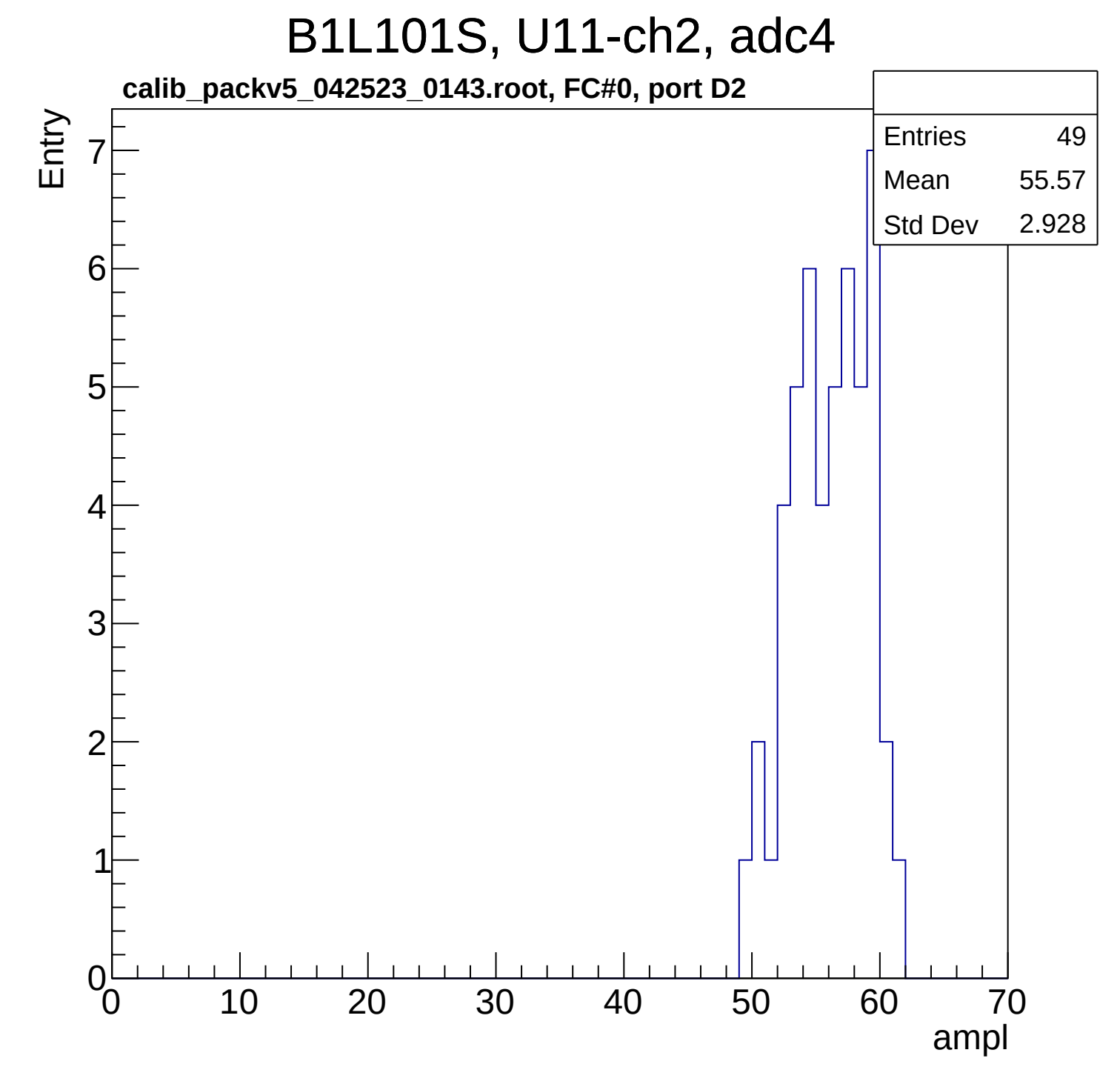
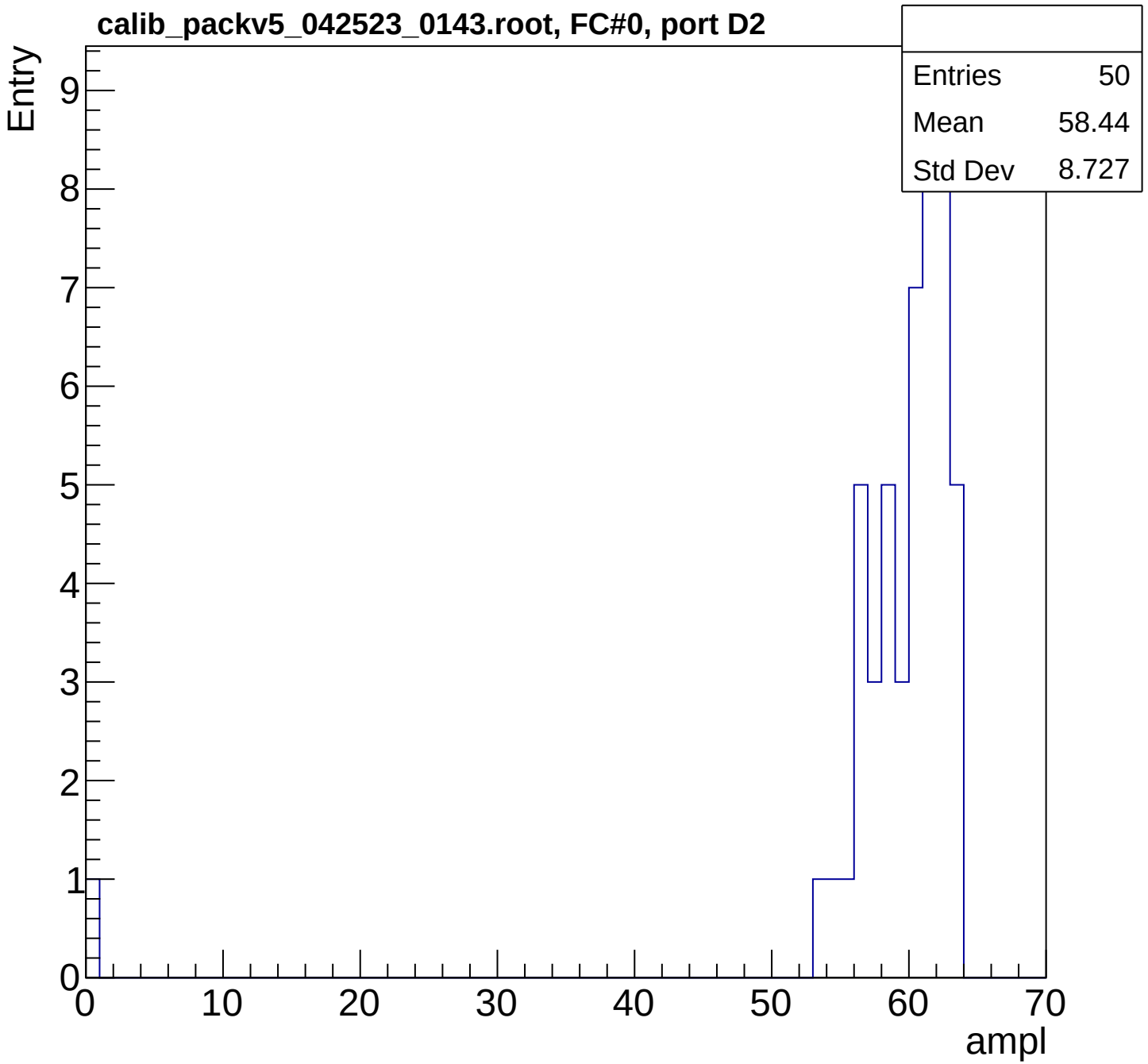
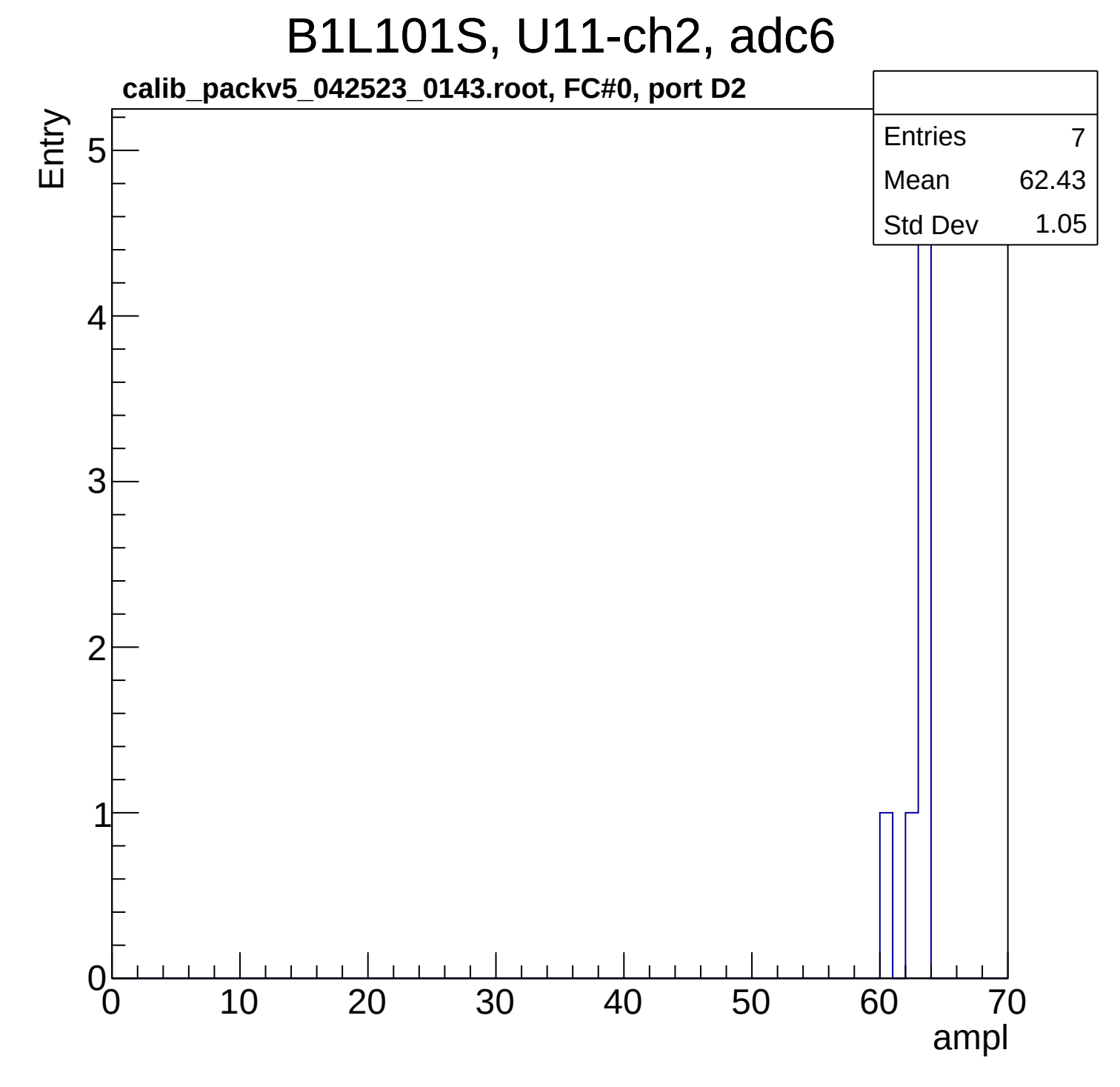
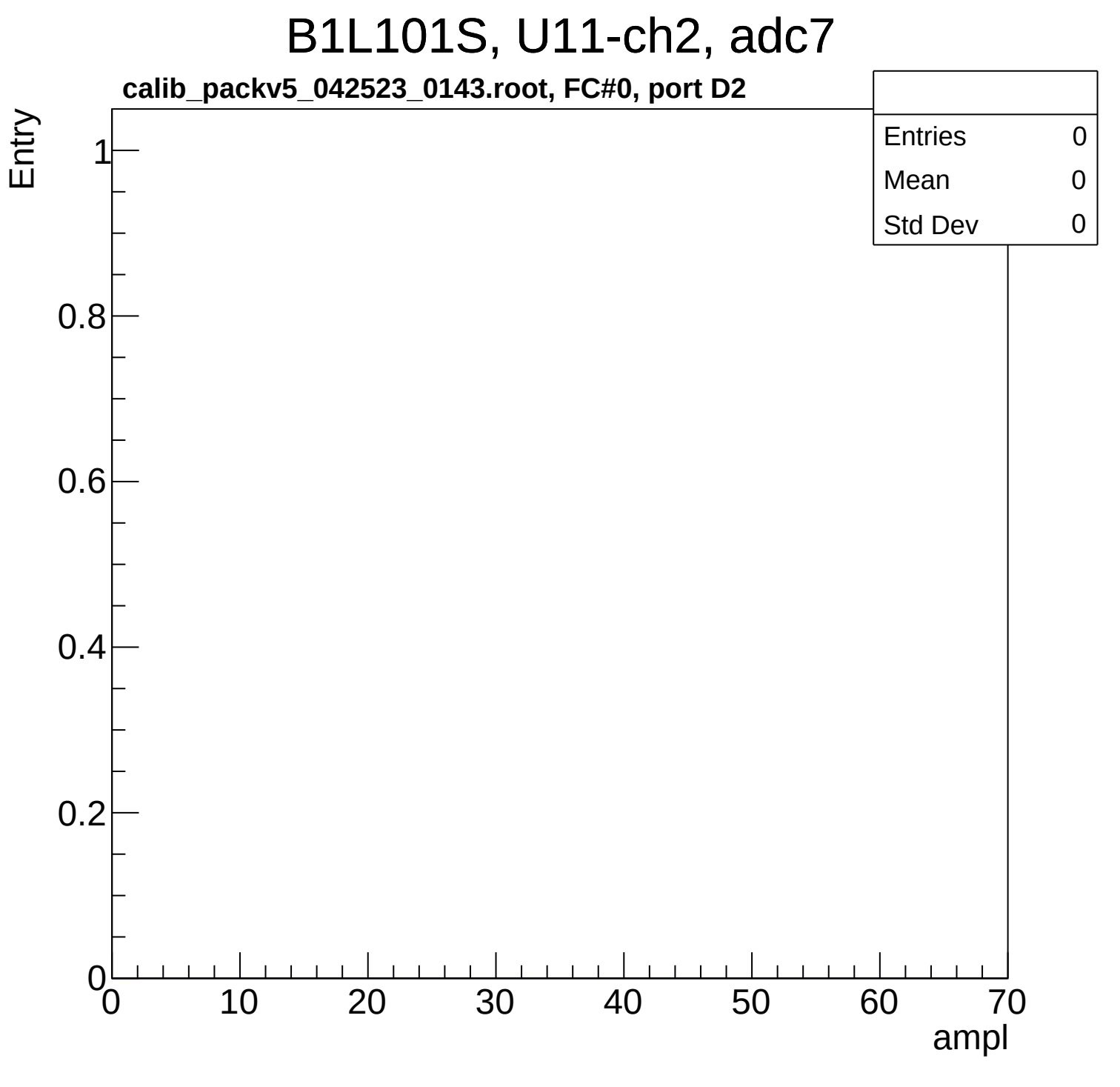
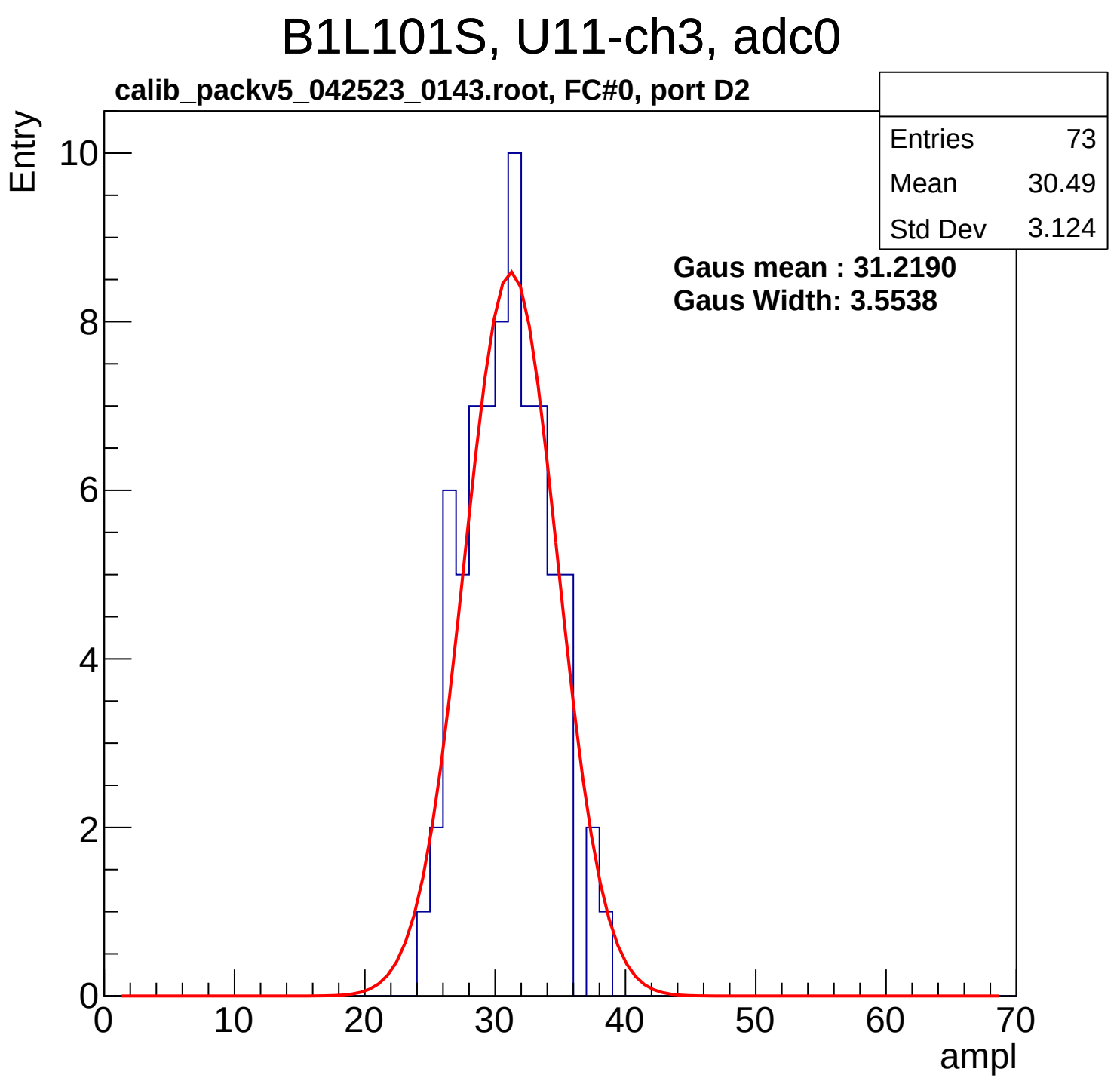
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

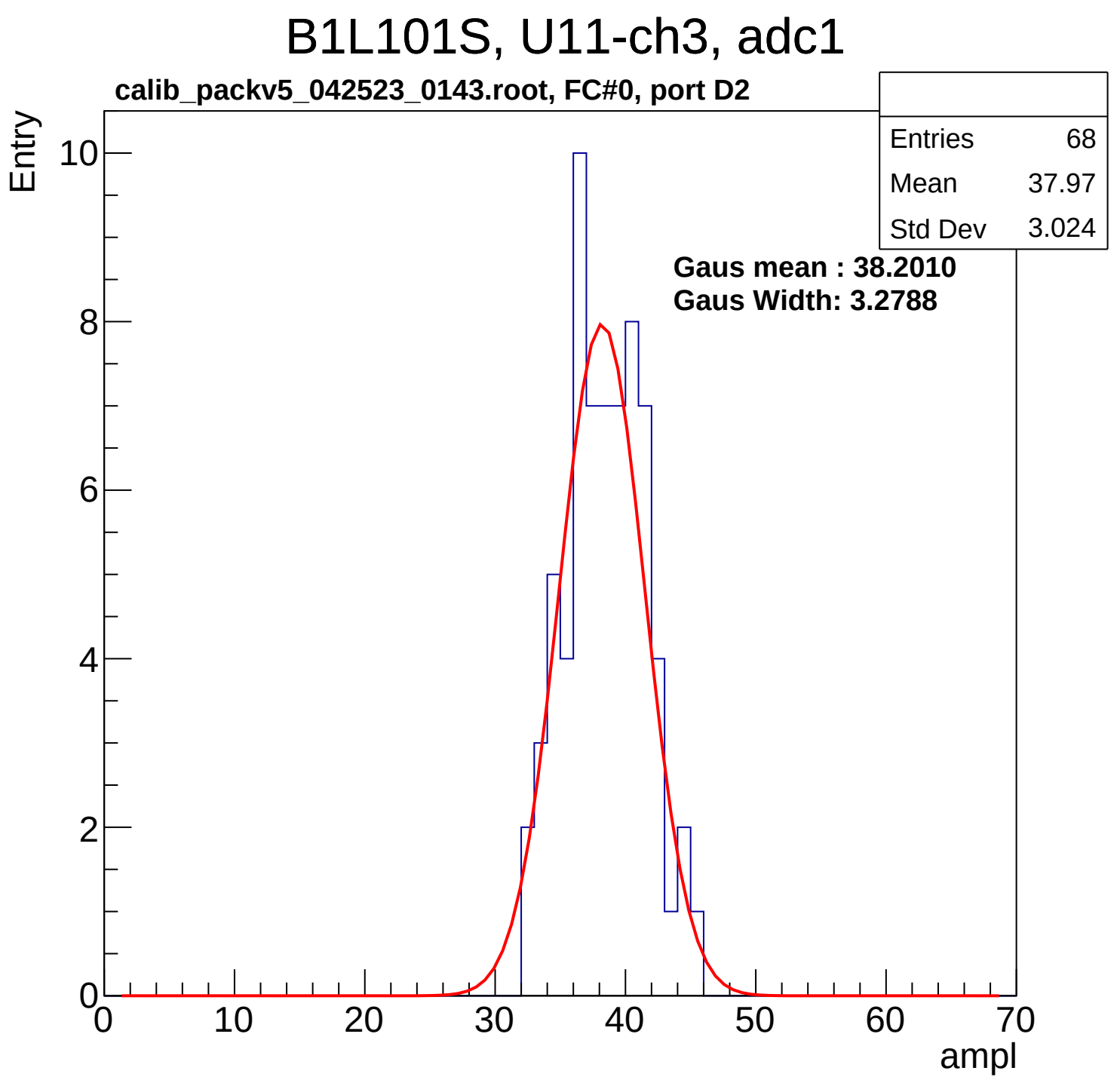

B1L101S, U11-ch2, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 49
Mean 55.57
Std Dev 2.928
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

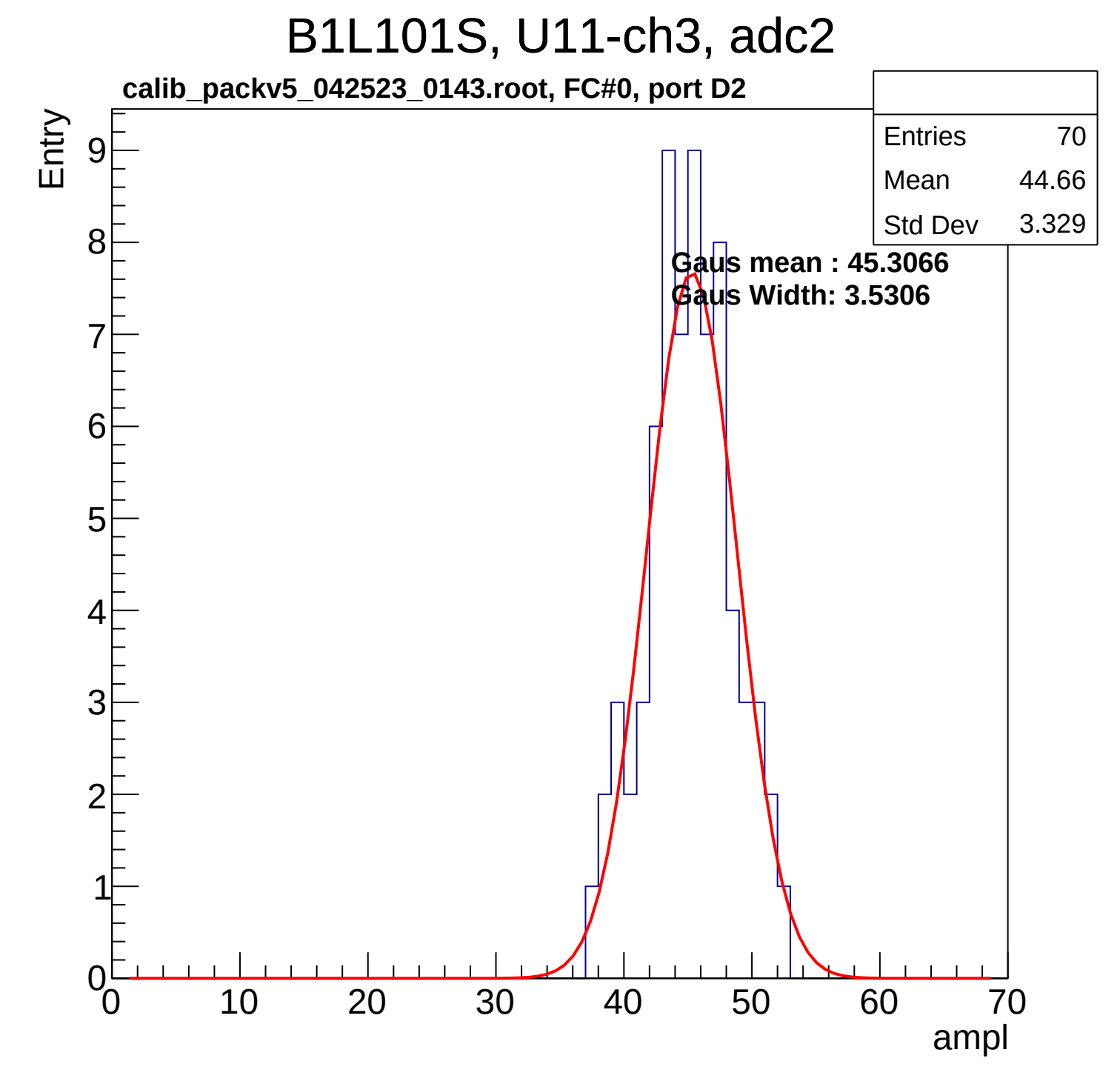

B1L101S, U11-ch2, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 50
Mean 58.44
Std Dev 8.727
Entry
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl

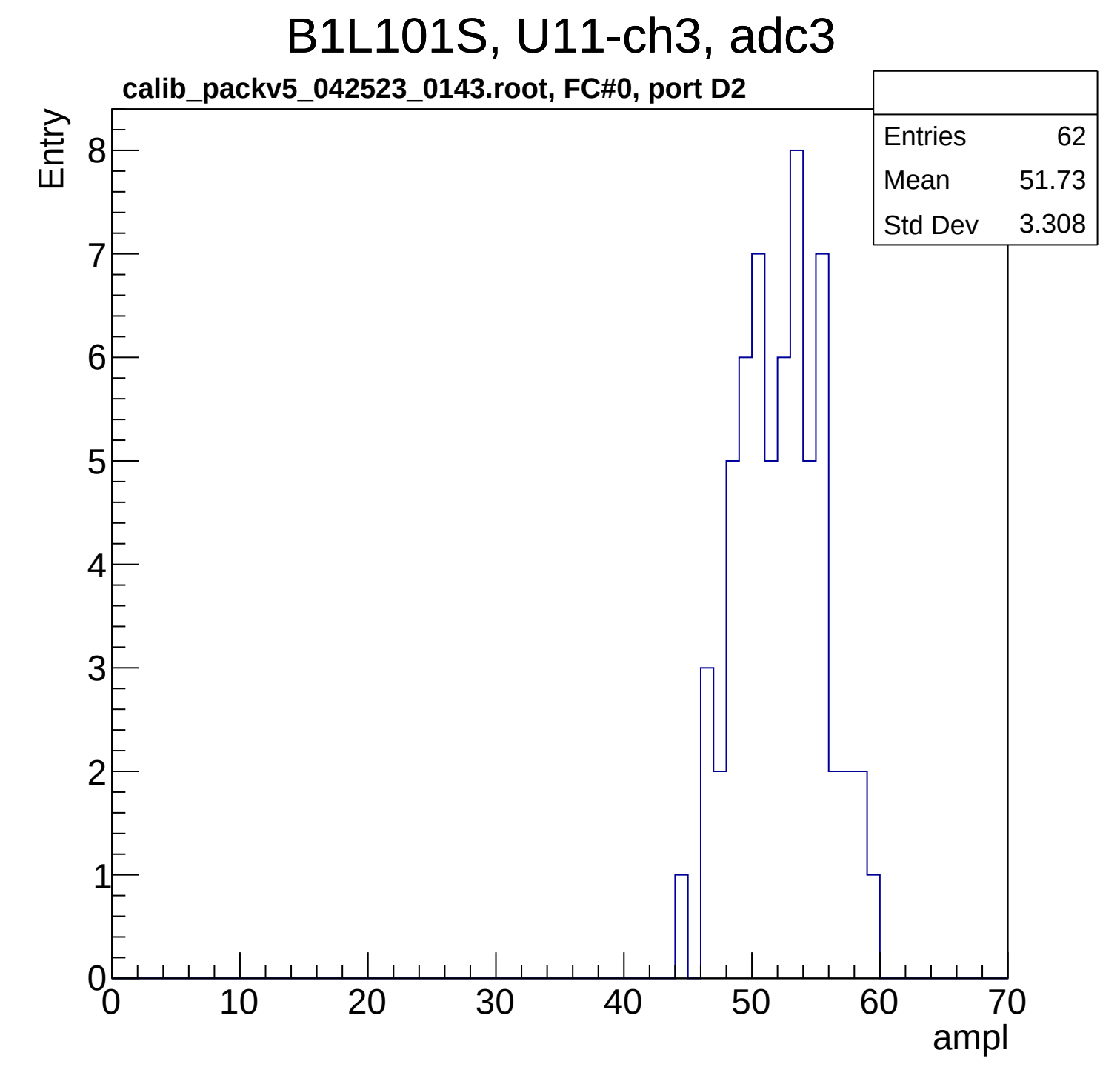

B1L101S, U11-ch2, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 7
Mean 62.43
Std Dev 1.05
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L101S, U11-ch2, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch3, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 30.49
Std Dev 3.124
Gaus mean : 31.2190
Gaus Width: 3.5538
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch3, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 37.97
Std Dev 3.024
Gaus mean : 38.2010
Gaus Width: 3.2788
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch3, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 44.66
Std Dev 3.329
Gaus mean : 45.3066
Gaus Width: 3.5306
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch3, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 51.73
Std Dev 3.308
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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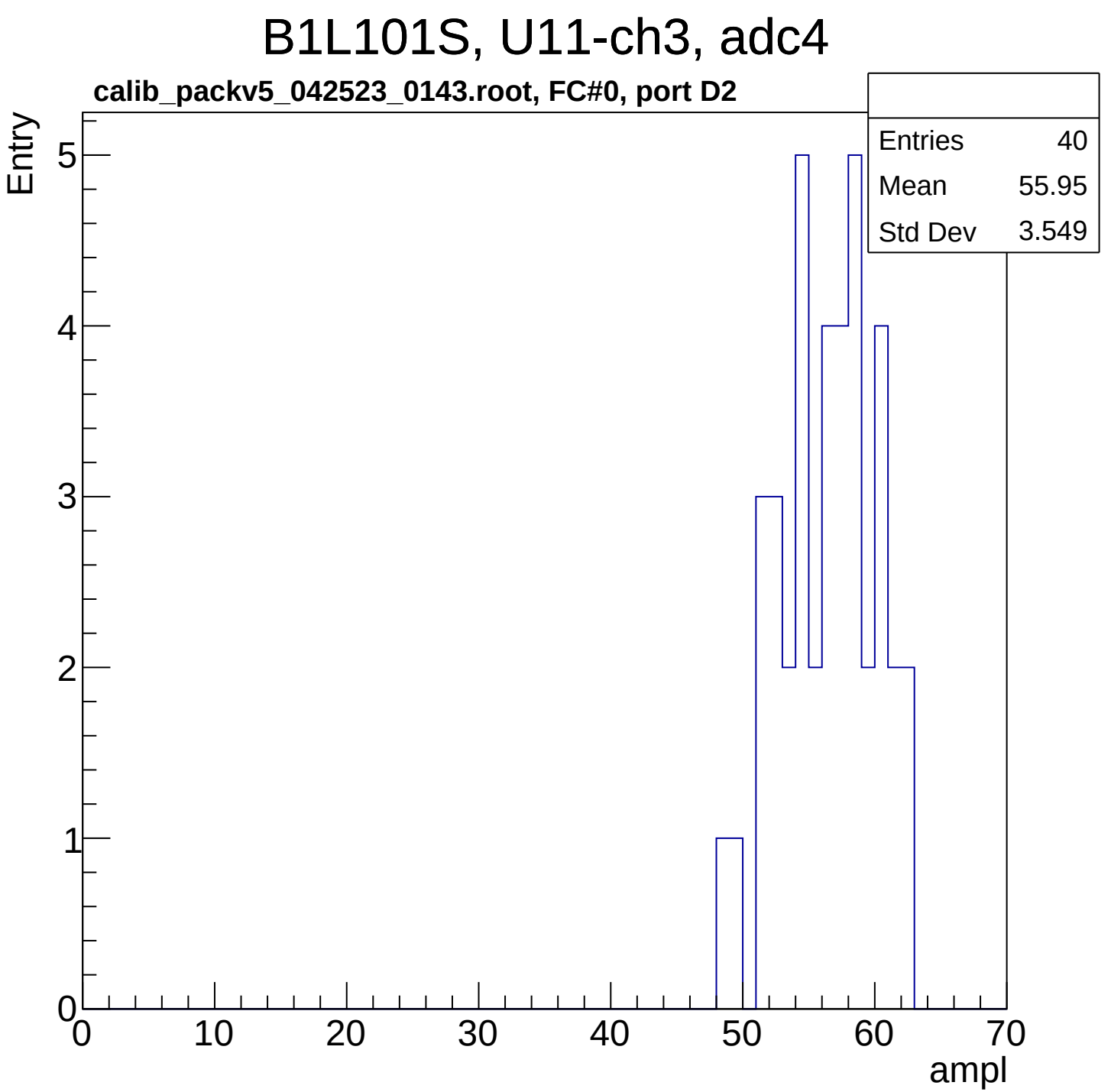
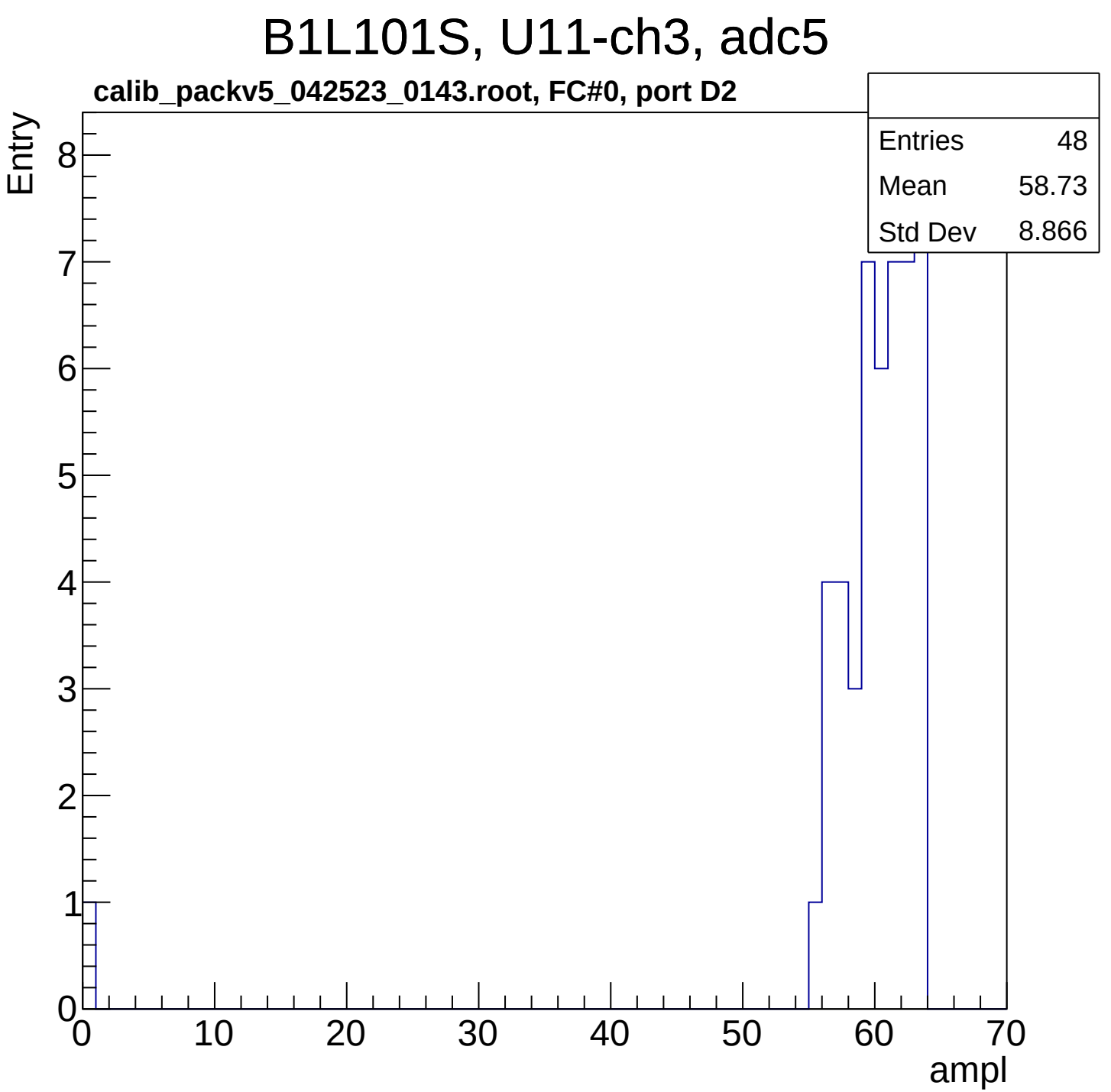

B1L101S, U11-ch3, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 40
Mean 55.95
Std Dev 3.549
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch3, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 48
Mean 58.73
Std Dev 8.866
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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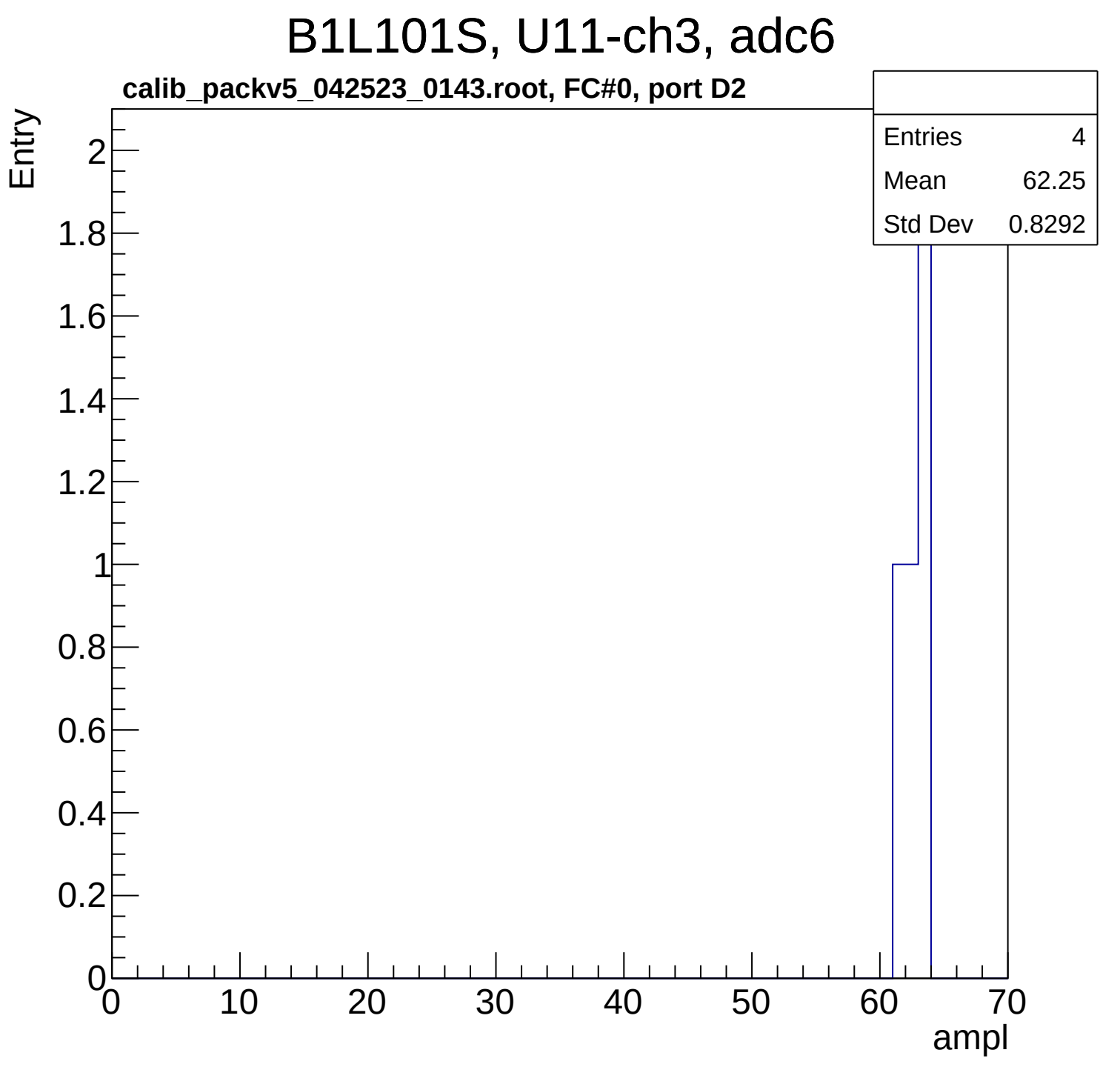
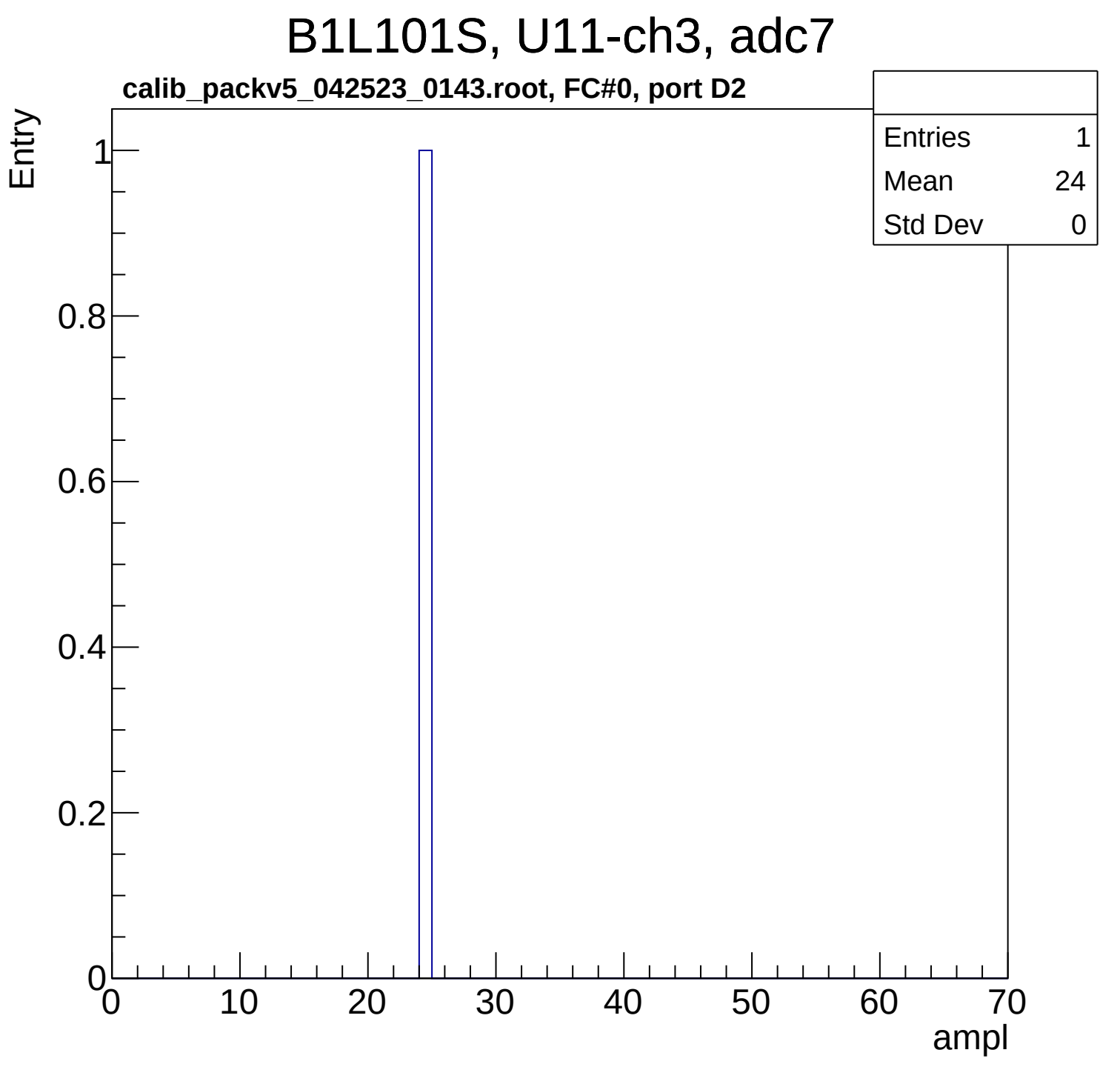

B1L101S, U11-ch3, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 62.25
Std Dev 0.8292
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U11-ch3, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 24
Std Dev 0
Entry
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0.8
0.6
0.4
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0
0
10
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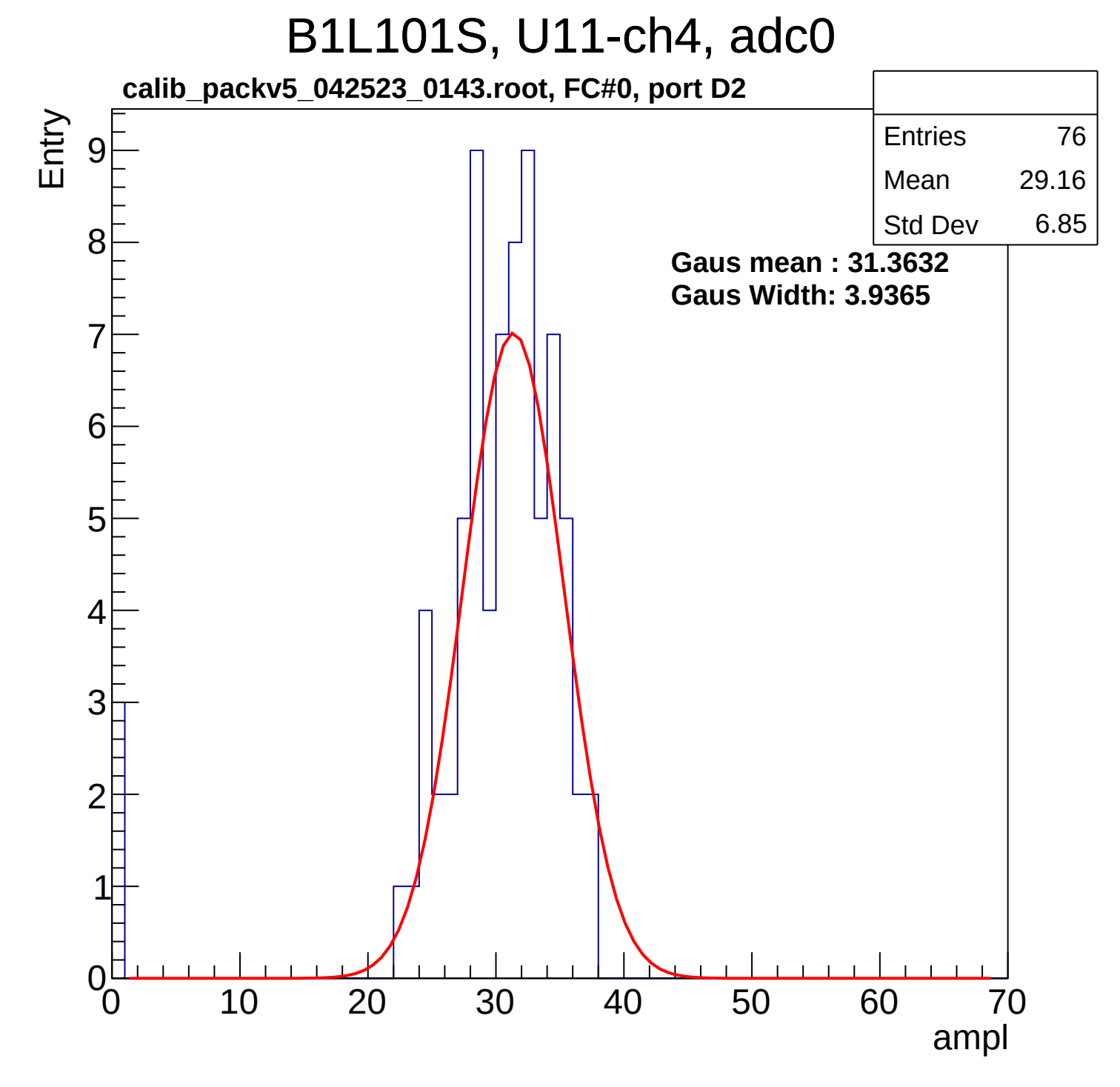
40
50
60
70
ampl


B1L101S, U11-ch4, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 29.16
Std Dev 6.85
Gaus mean : 31.3632
Gaus Width: 3.9365
Entry
ampl
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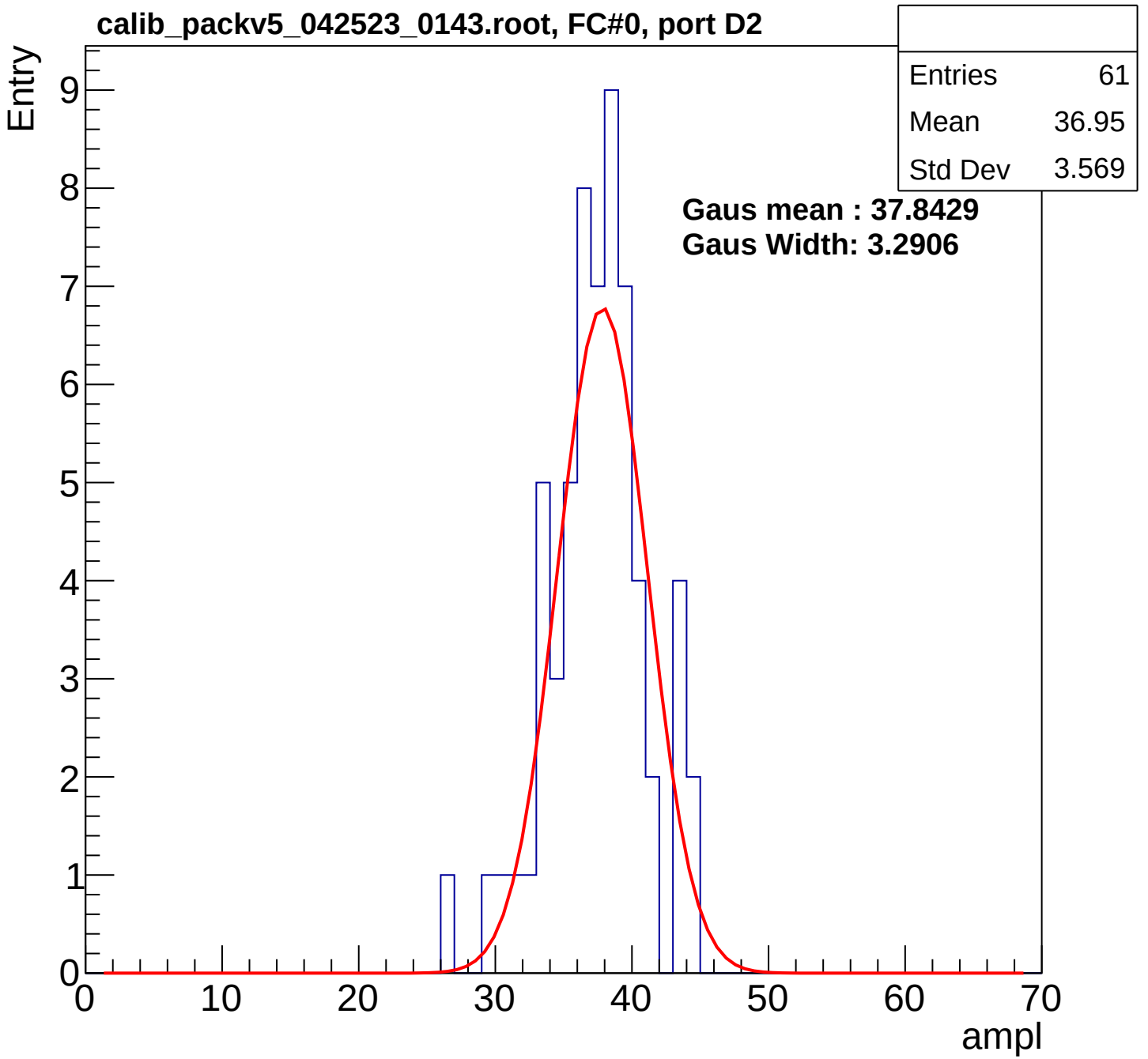
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L101S, U11-ch4, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 36.95
Std Dev 3.569
Gaus mean : 37.8429
Gaus Width: 3.2906
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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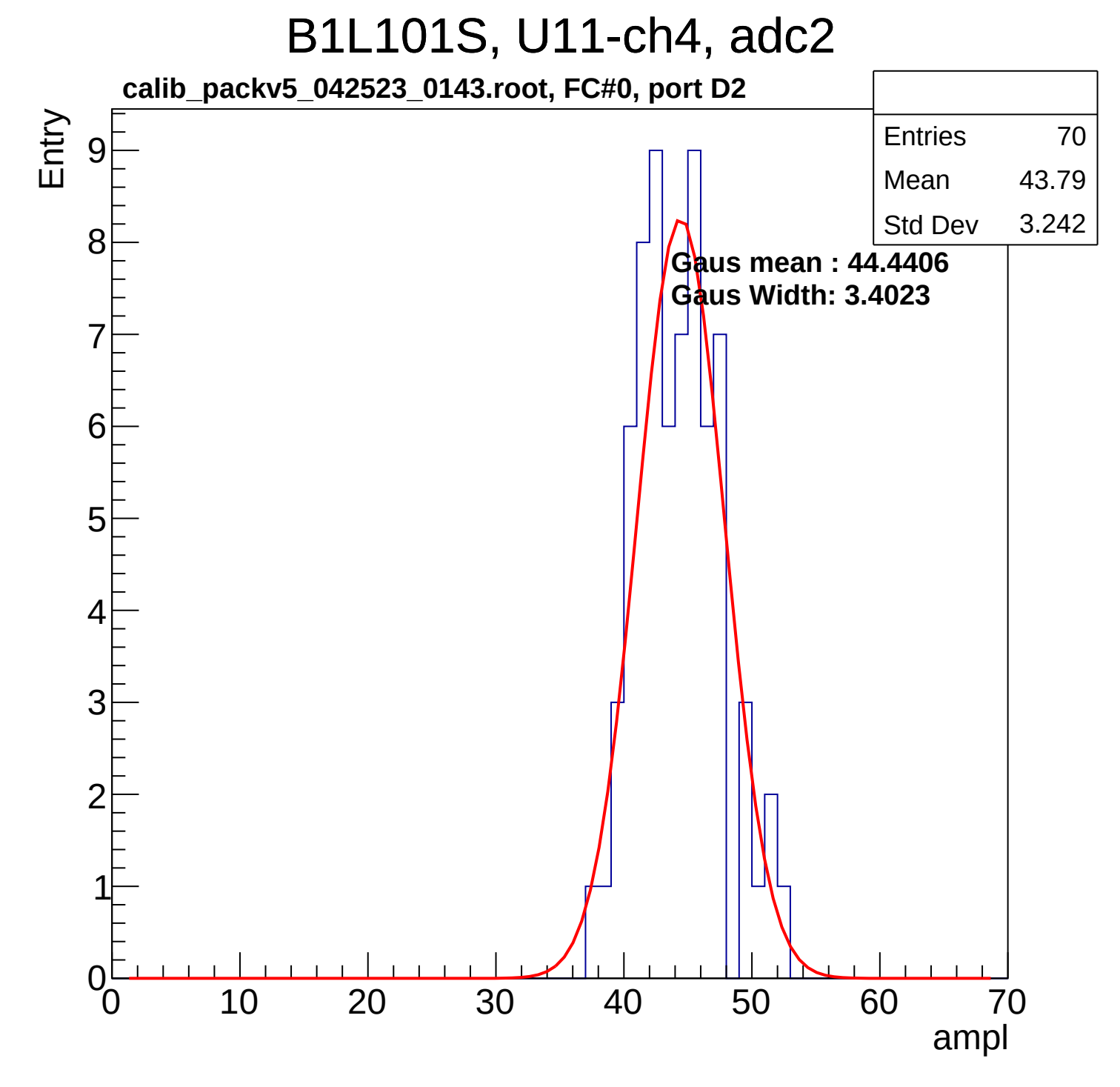
B1L101S, U11-ch4, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 43.79
Std Dev 3.242
Gaus mean : 44.4406
Gaus Width: 3.4023
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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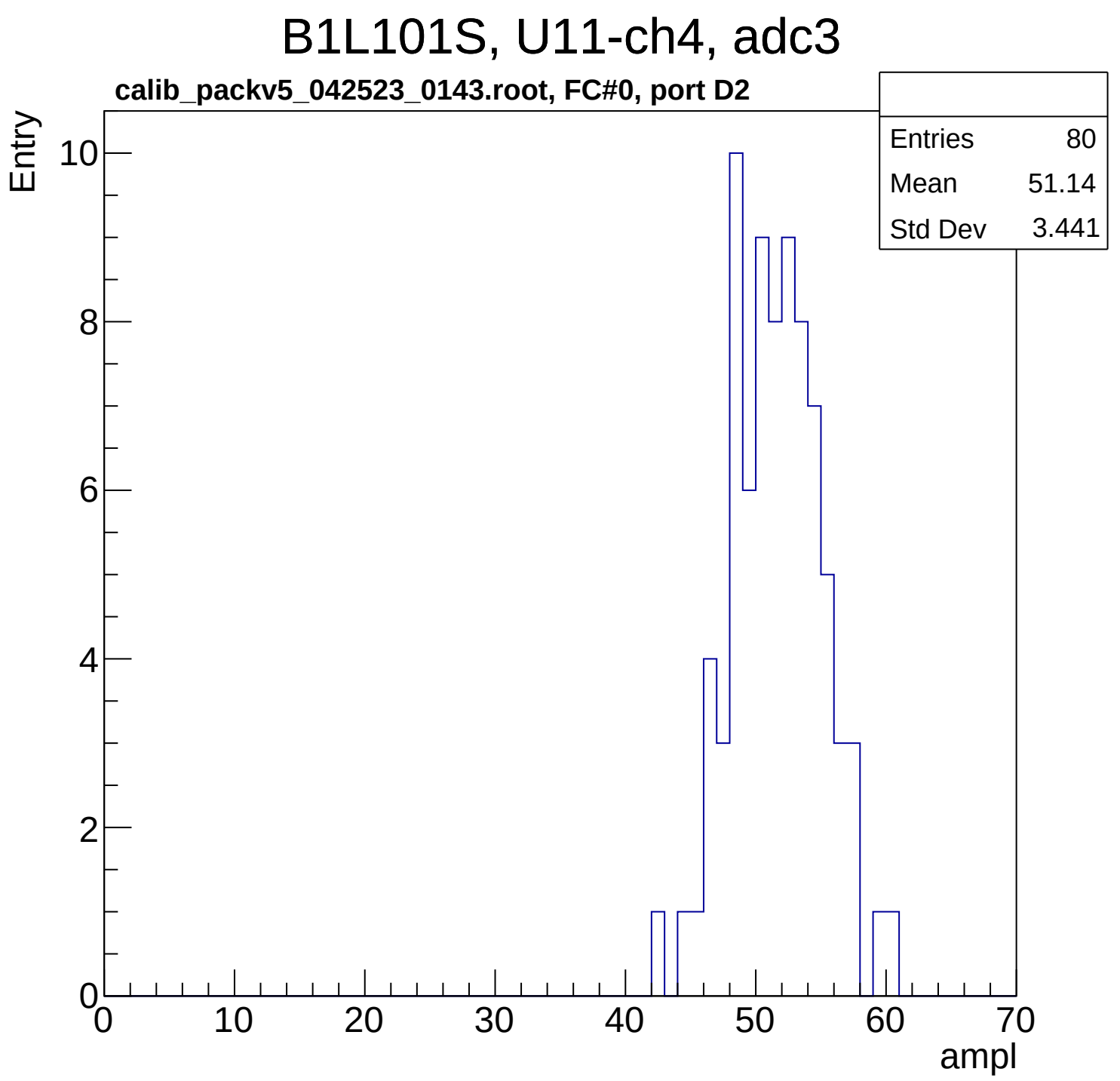
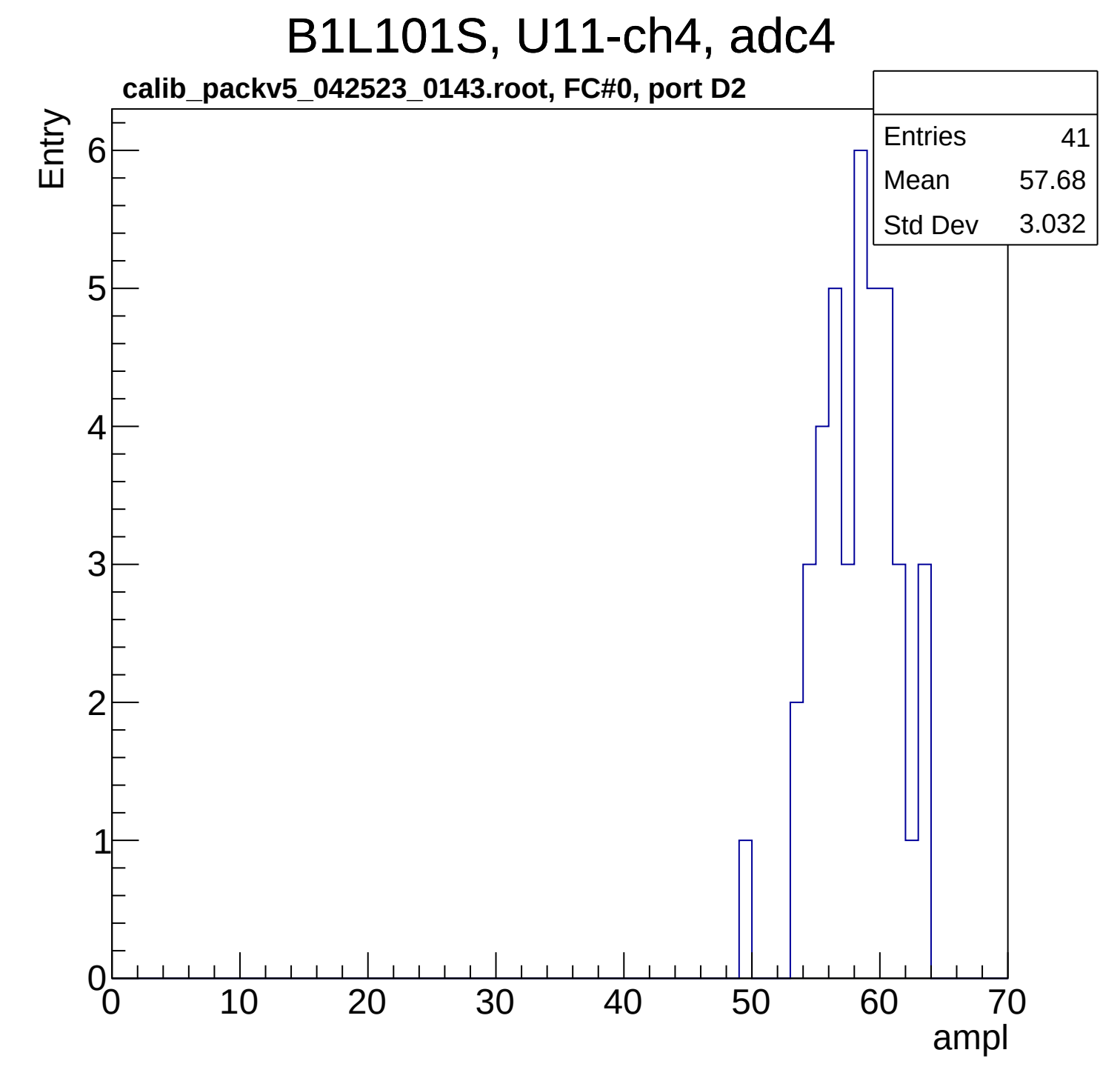

B1L101S, U11-ch4, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 80
Mean 51.14
Std Dev 3.441
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch4, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 41
Mean 57.68
Std Dev 3.032
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
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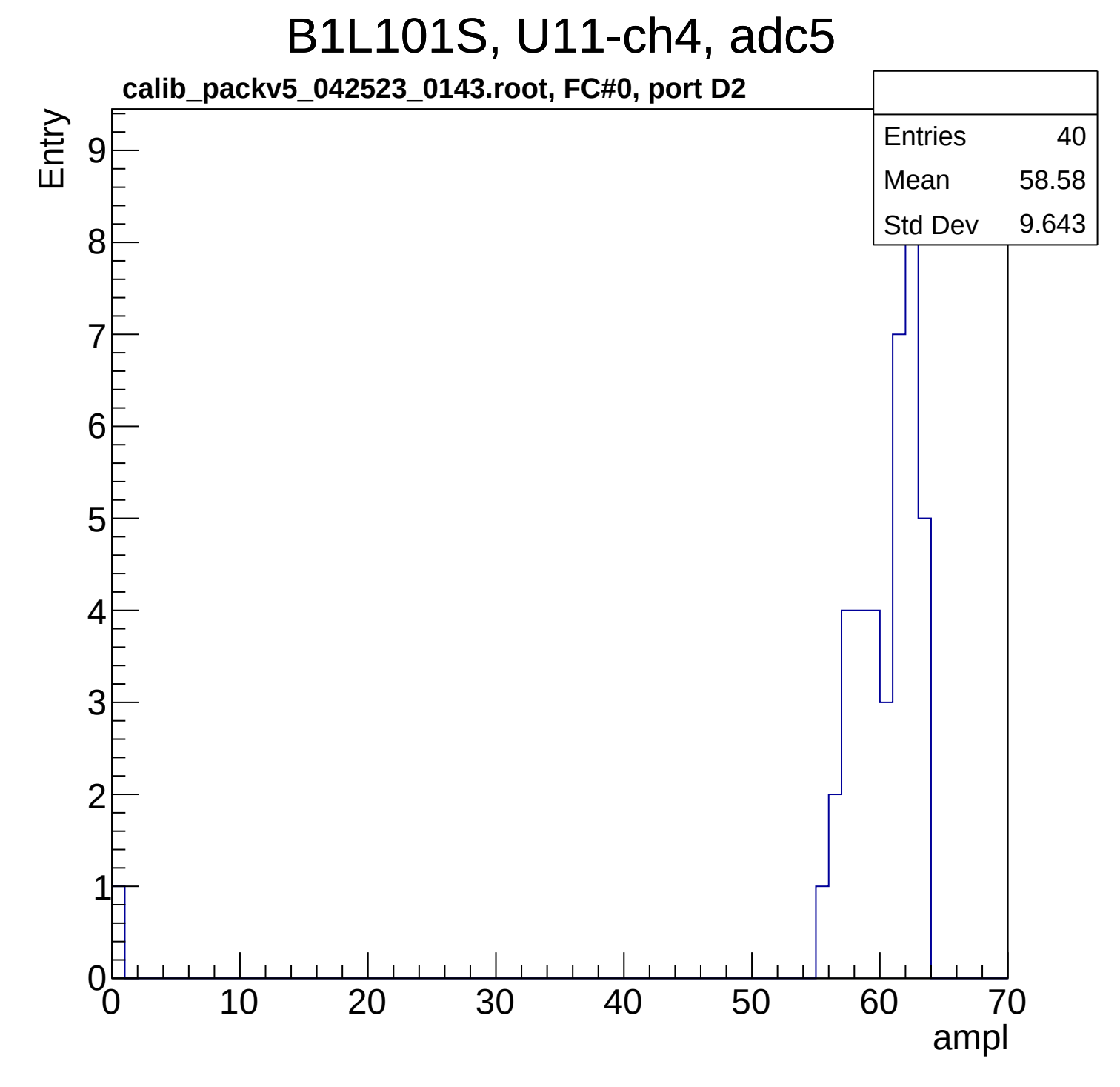
60
70


B1L101S, U11-ch4, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 40
Mean 58.58
Std Dev 9.643
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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30
40
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60
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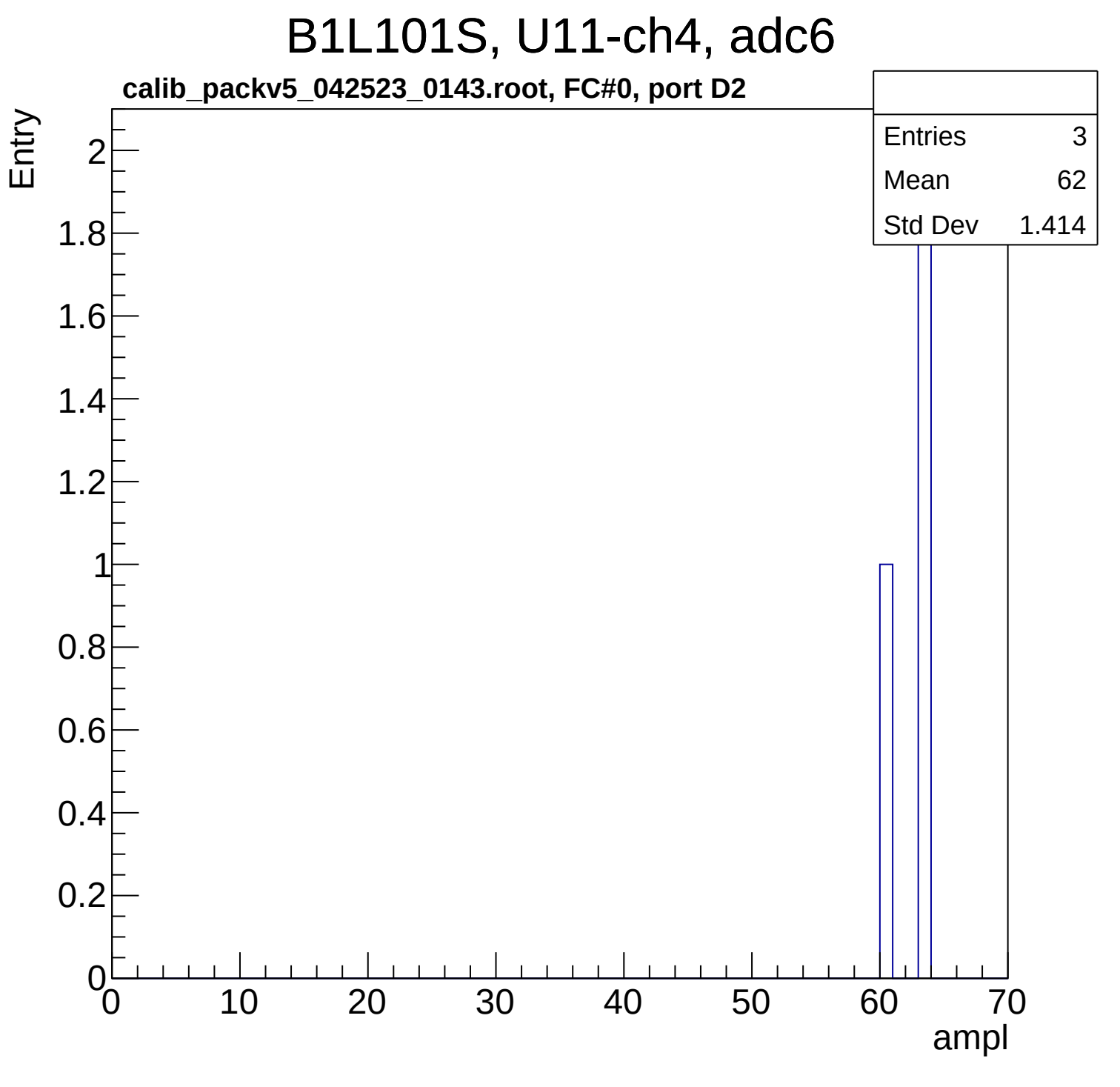
B1L101S, U11-ch4, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 62
Std Dev 1.414
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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40
50
60
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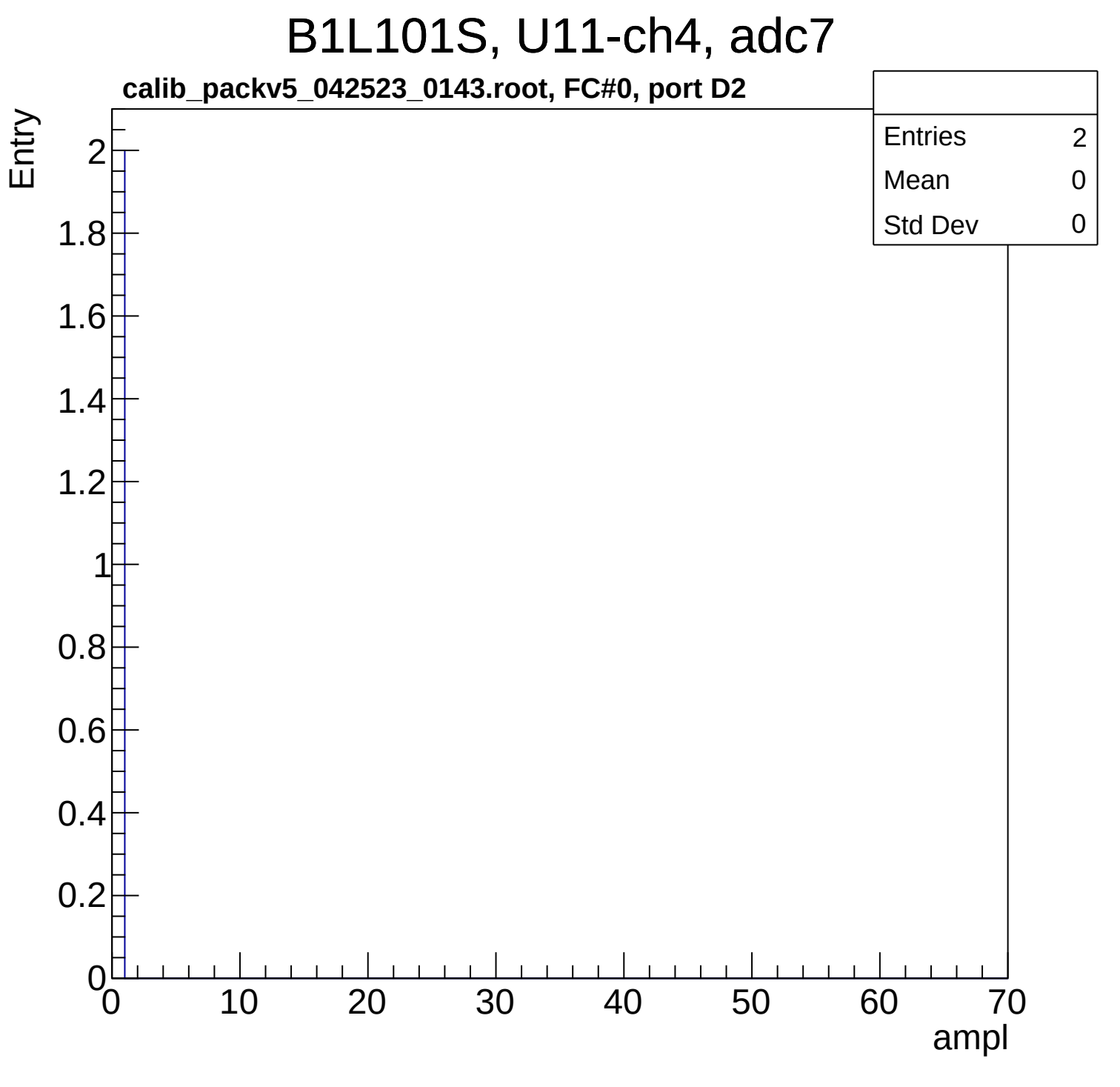
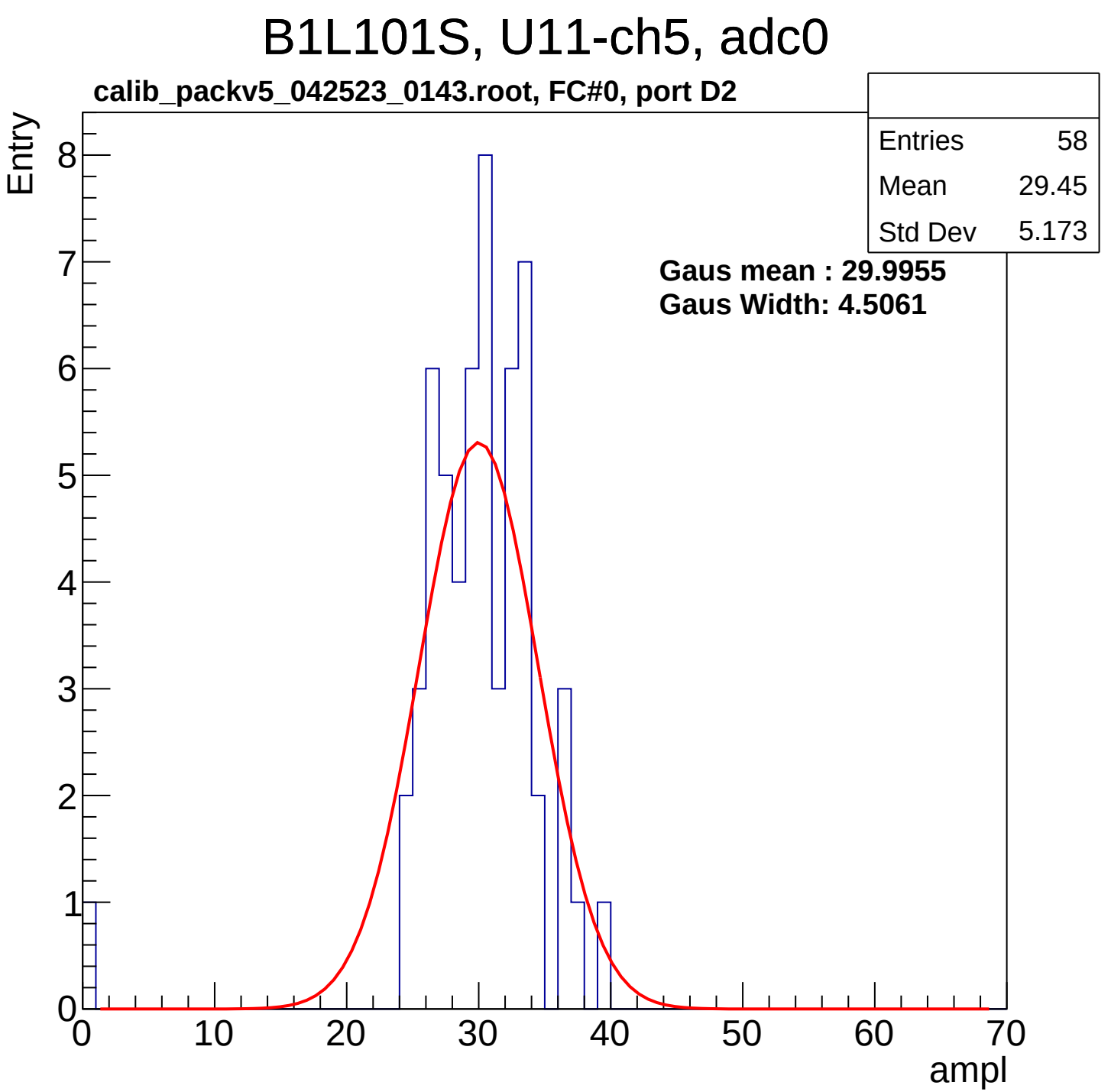

B1L101S, U11-ch4, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch5, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 29.45
Std Dev 5.173
Gaus mean : 29.9955
Gaus Width: 4.5061
Entry
ampl
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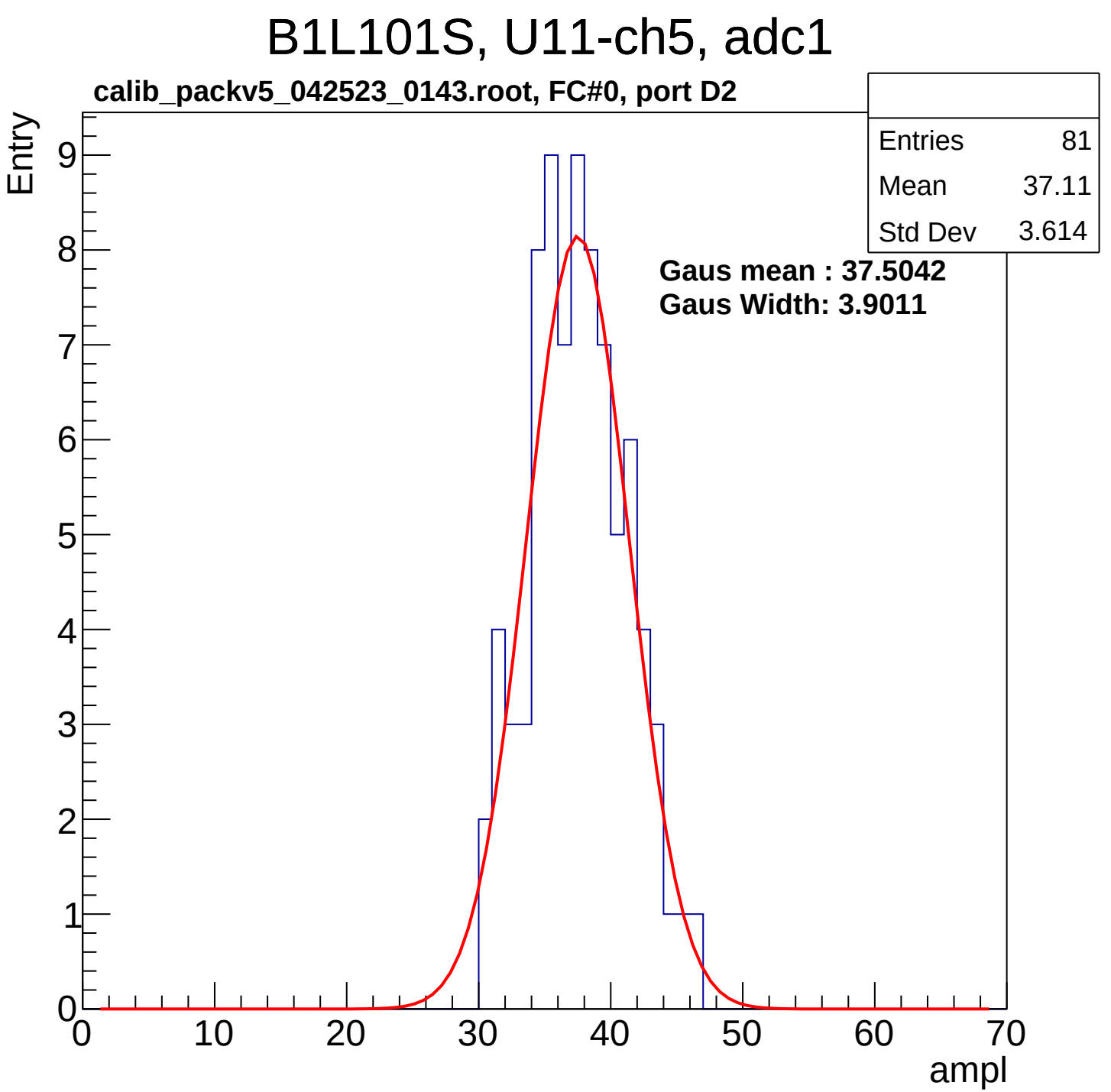
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch5, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 81
Mean 37.11
Std Dev 3.614
Gaus mean : 37.5042
Gaus Width: 3.9011
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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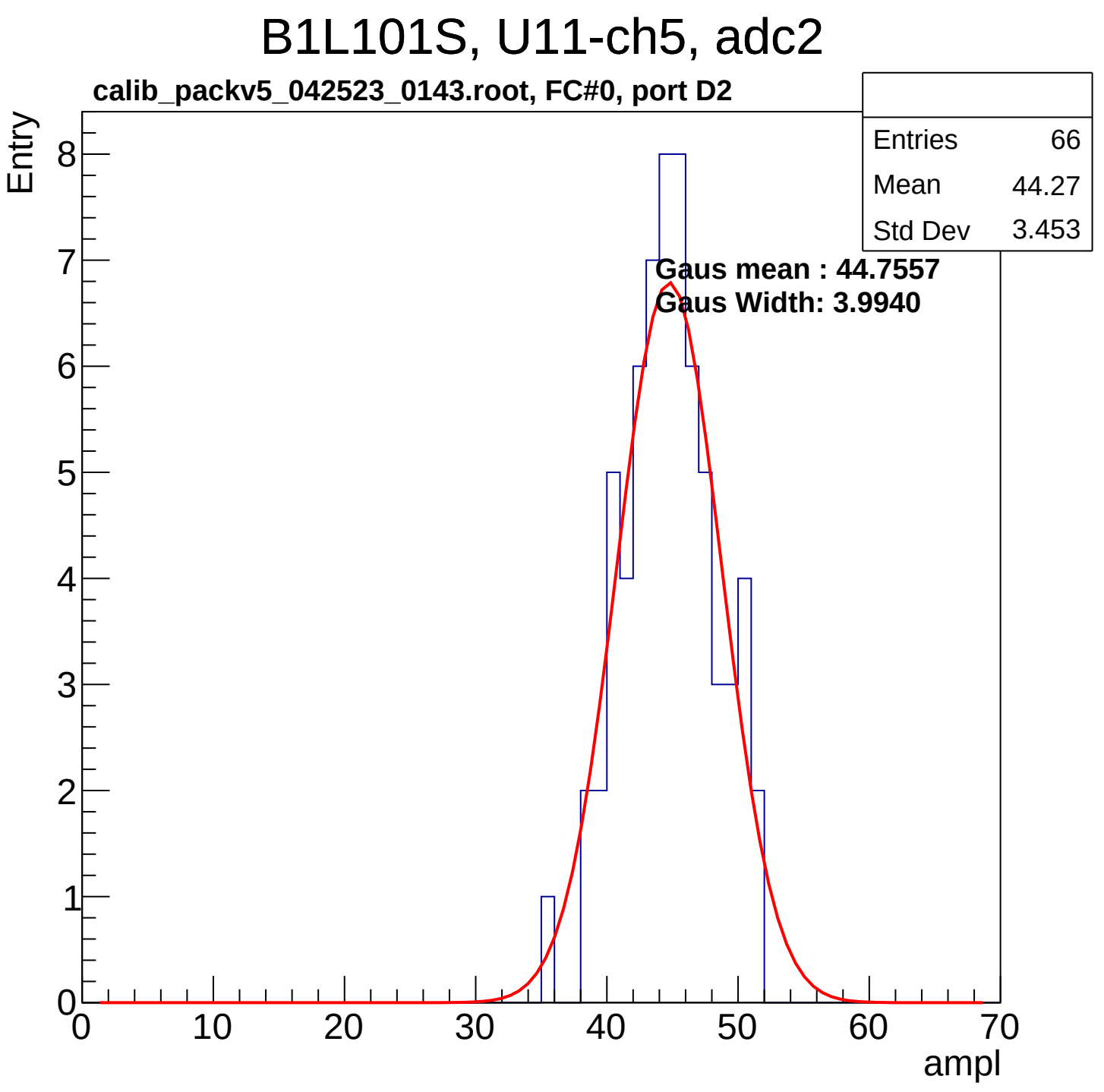
B1L101S, U11-ch5, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 44.27
Std Dev 3.453
Gaus mean : 44.7557
Gaus Width: 3.9940
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
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60
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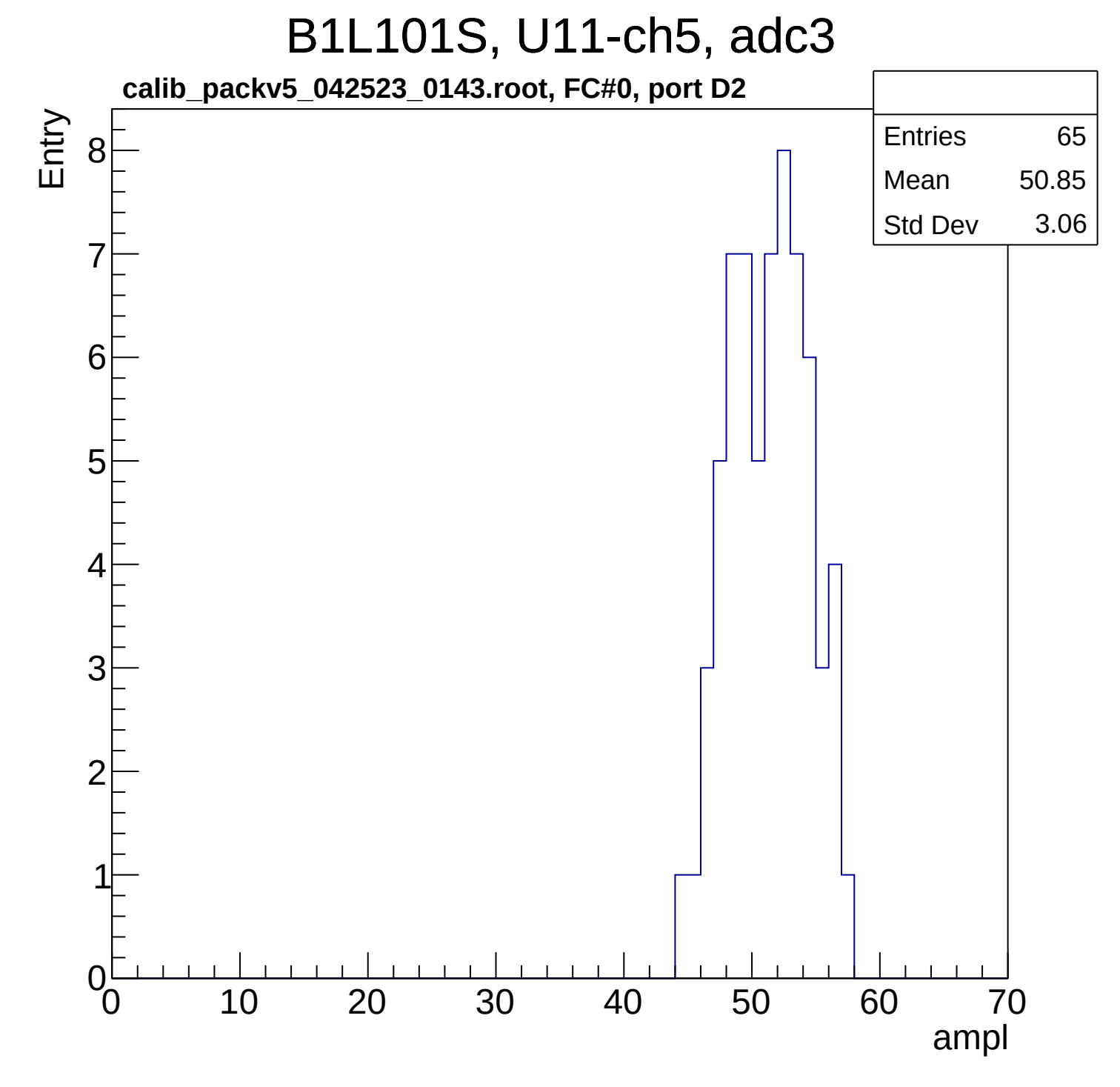
B1L101S, U11-ch5, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 50.85
Std Dev 3.06
Entry
ampl
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2
3
4
5
6
7
8
0
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20
30
40
50
60
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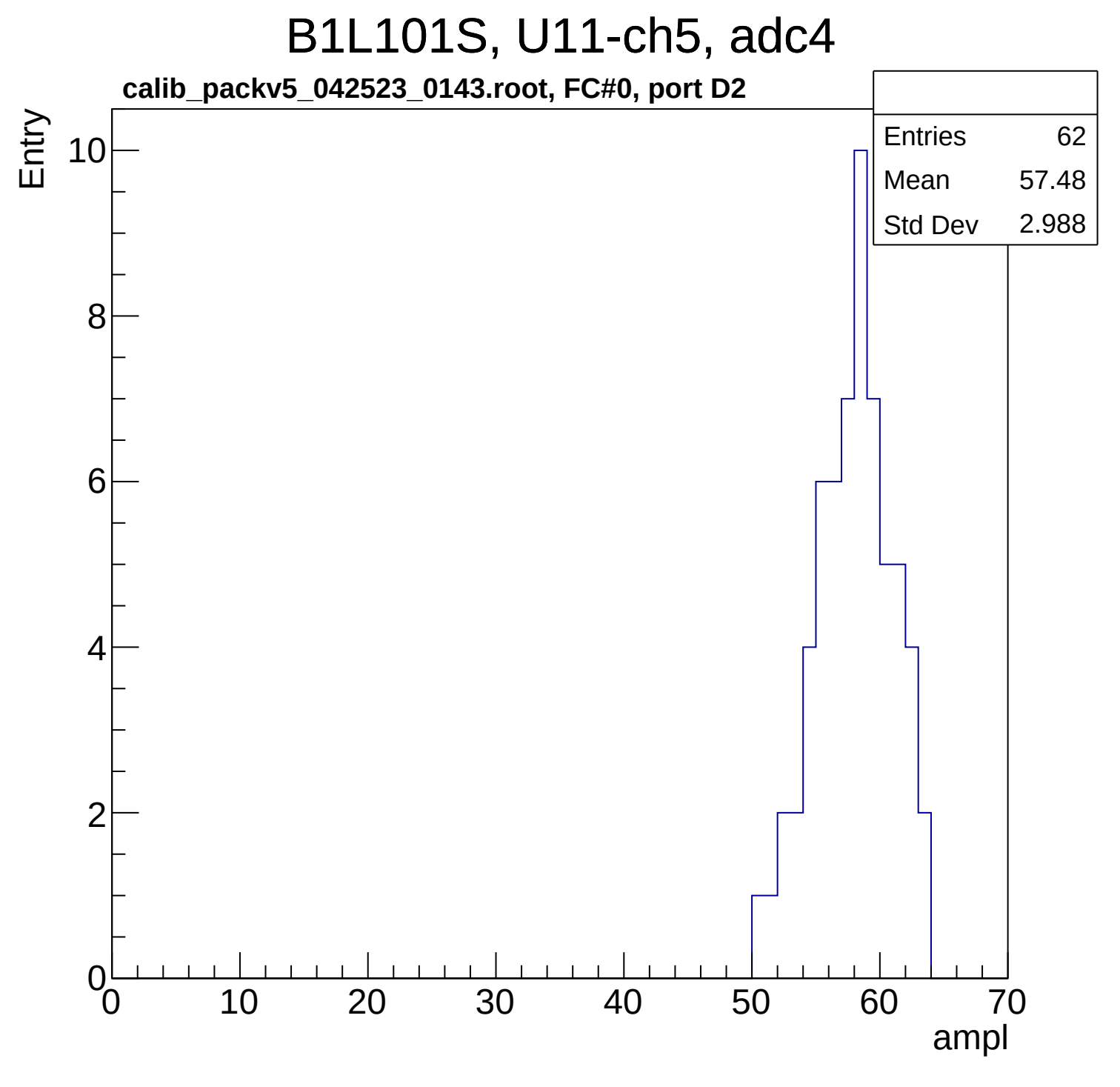
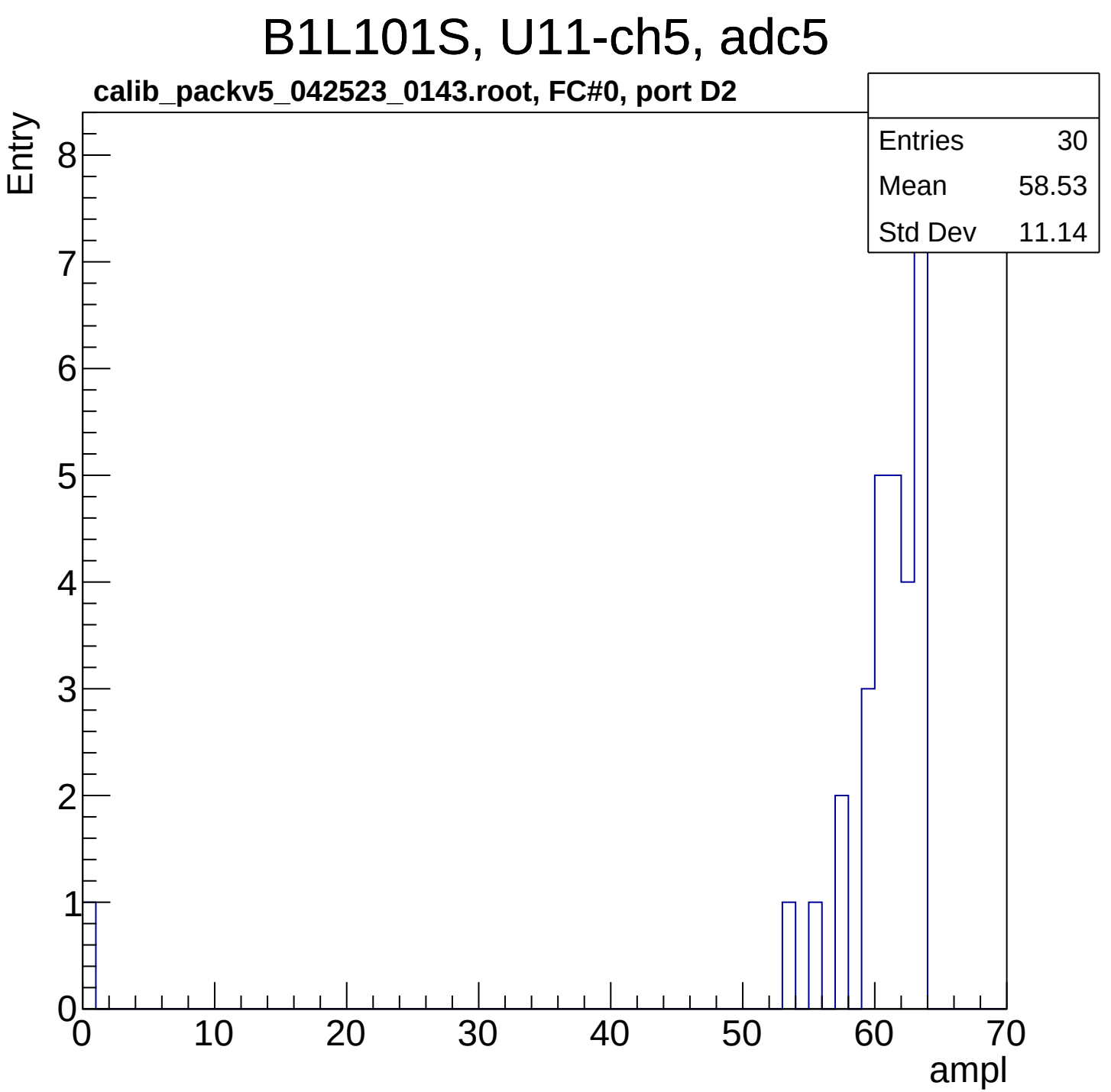

B1L101S, U11-ch5, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 57.48
Std Dev 2.988
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch5, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 30
Mean 58.53
Std Dev 11.14
Entry
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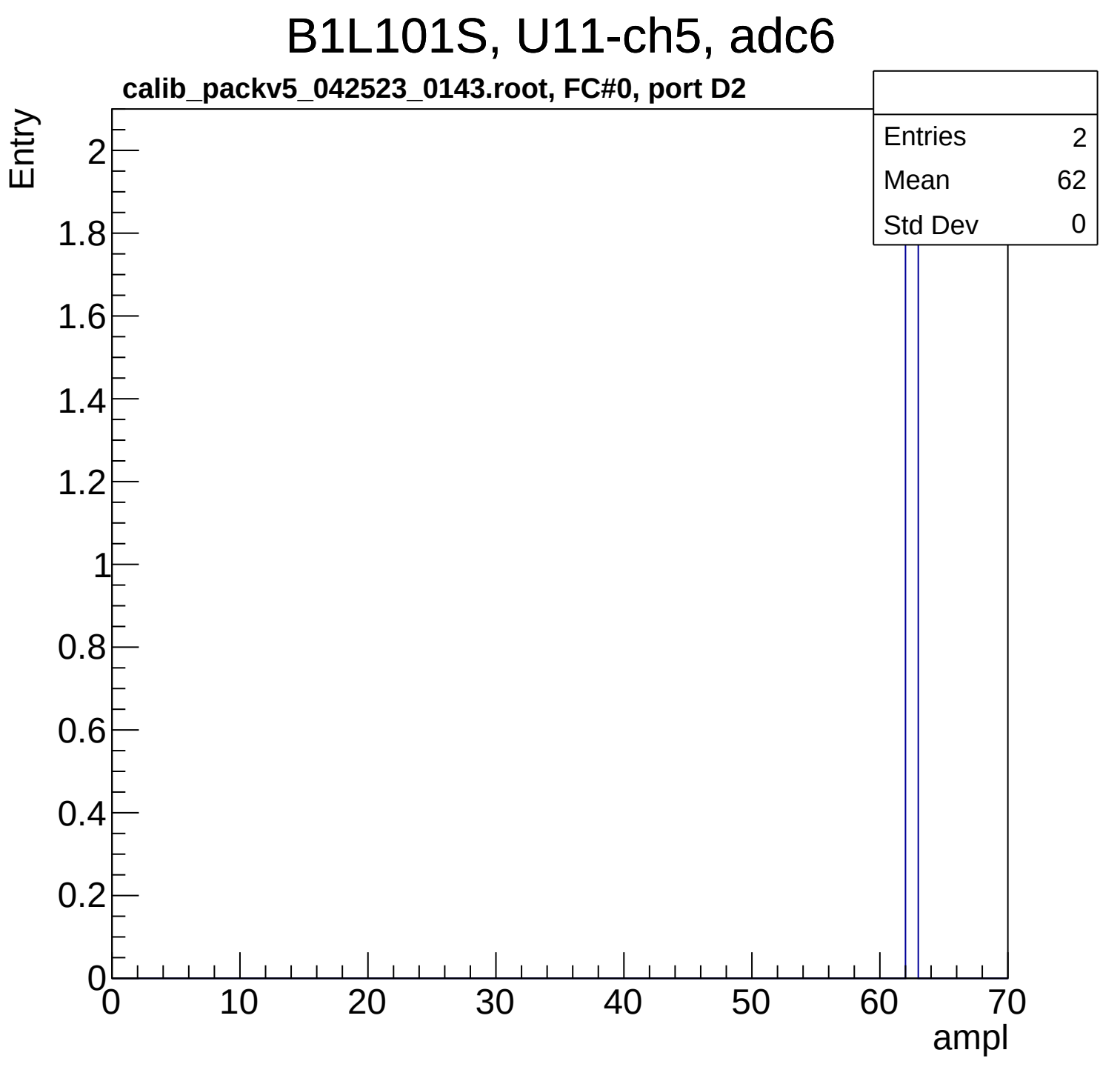
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch5, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 62
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
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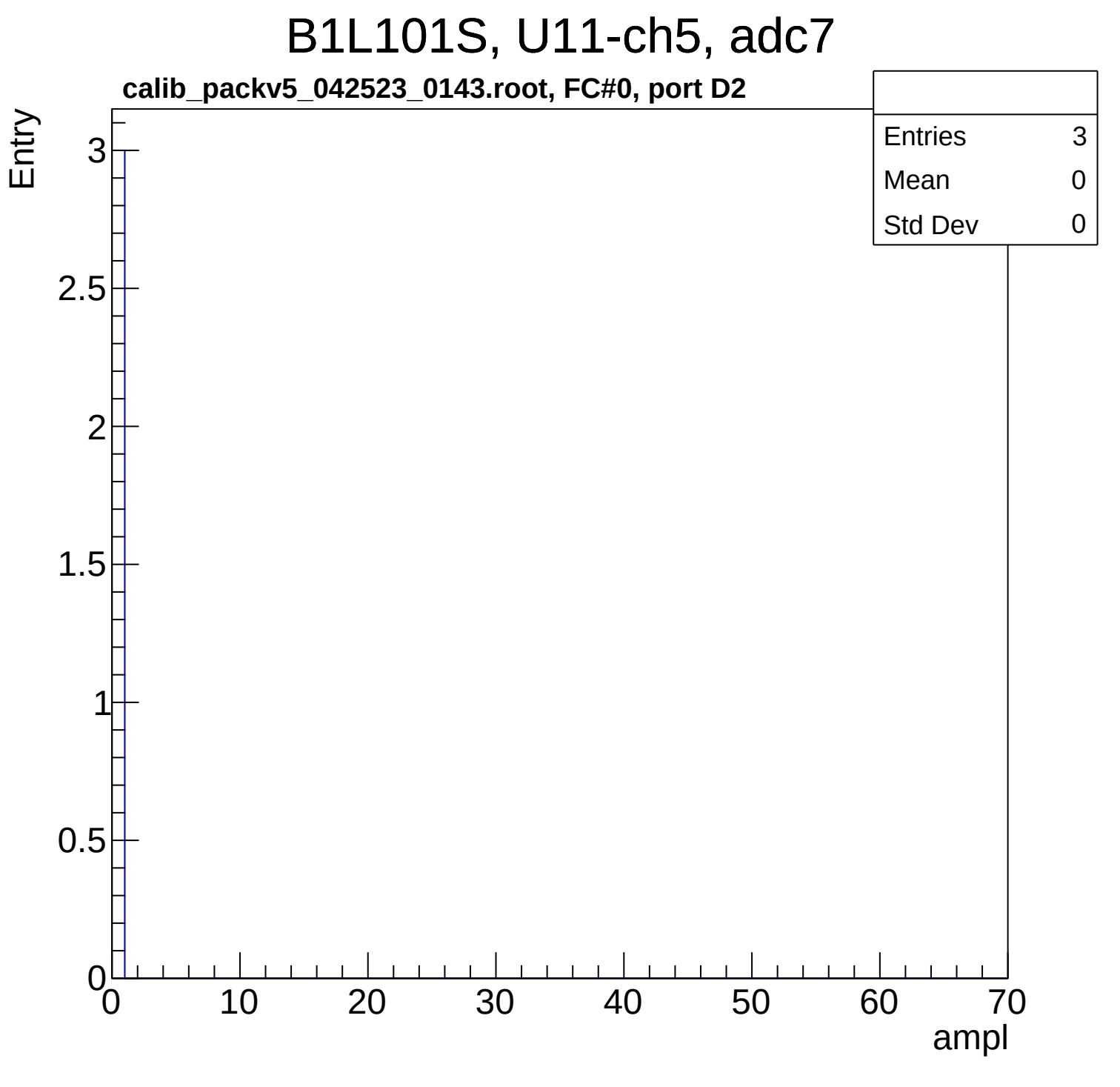
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U11-ch5, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 0
Std Dev 0
Entry
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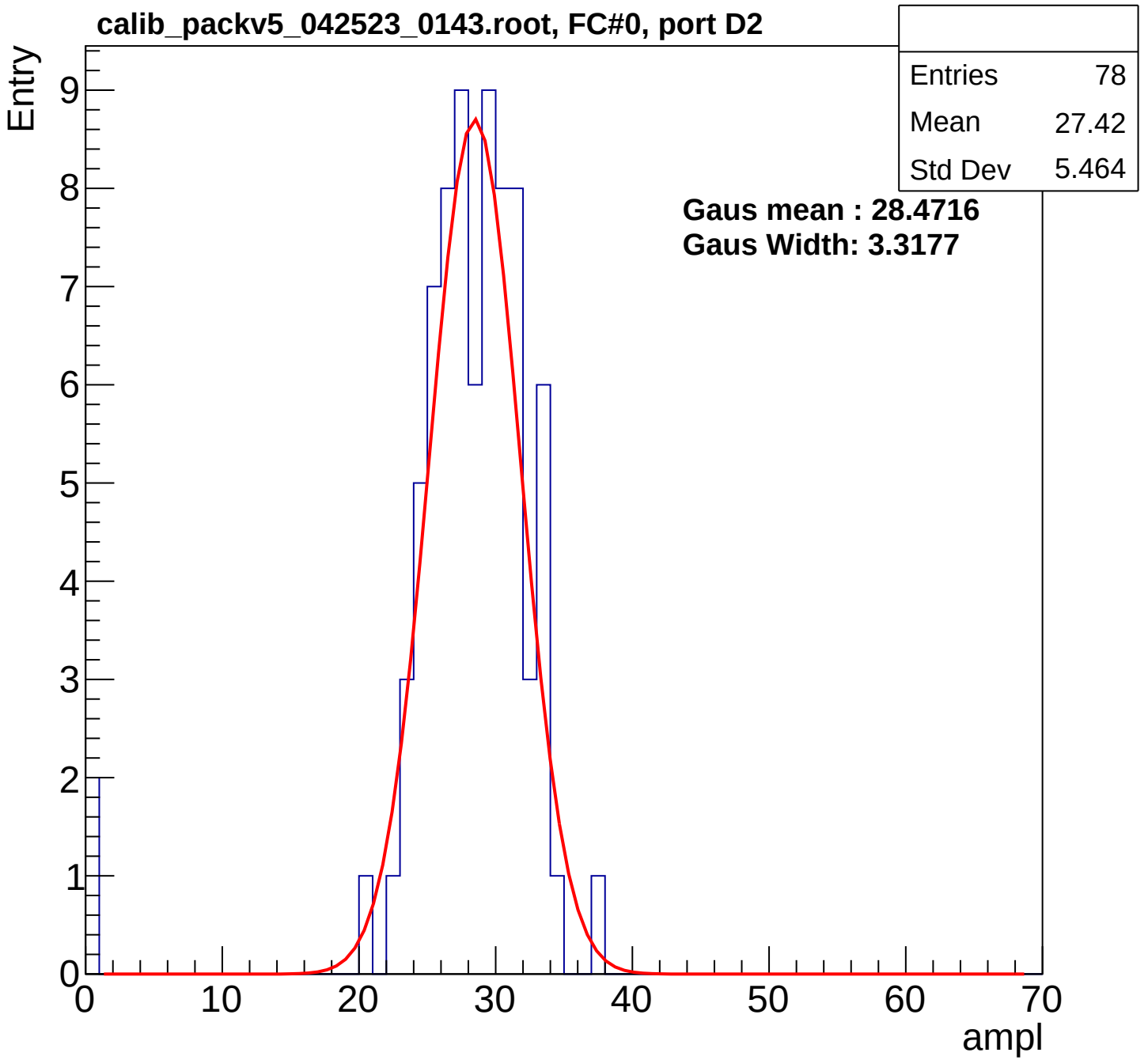
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch6, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 78
Mean 27.42
Std Dev 5.464
Gaus mean : 28.4716
Gaus Width: 3.3177
Entry
ampl
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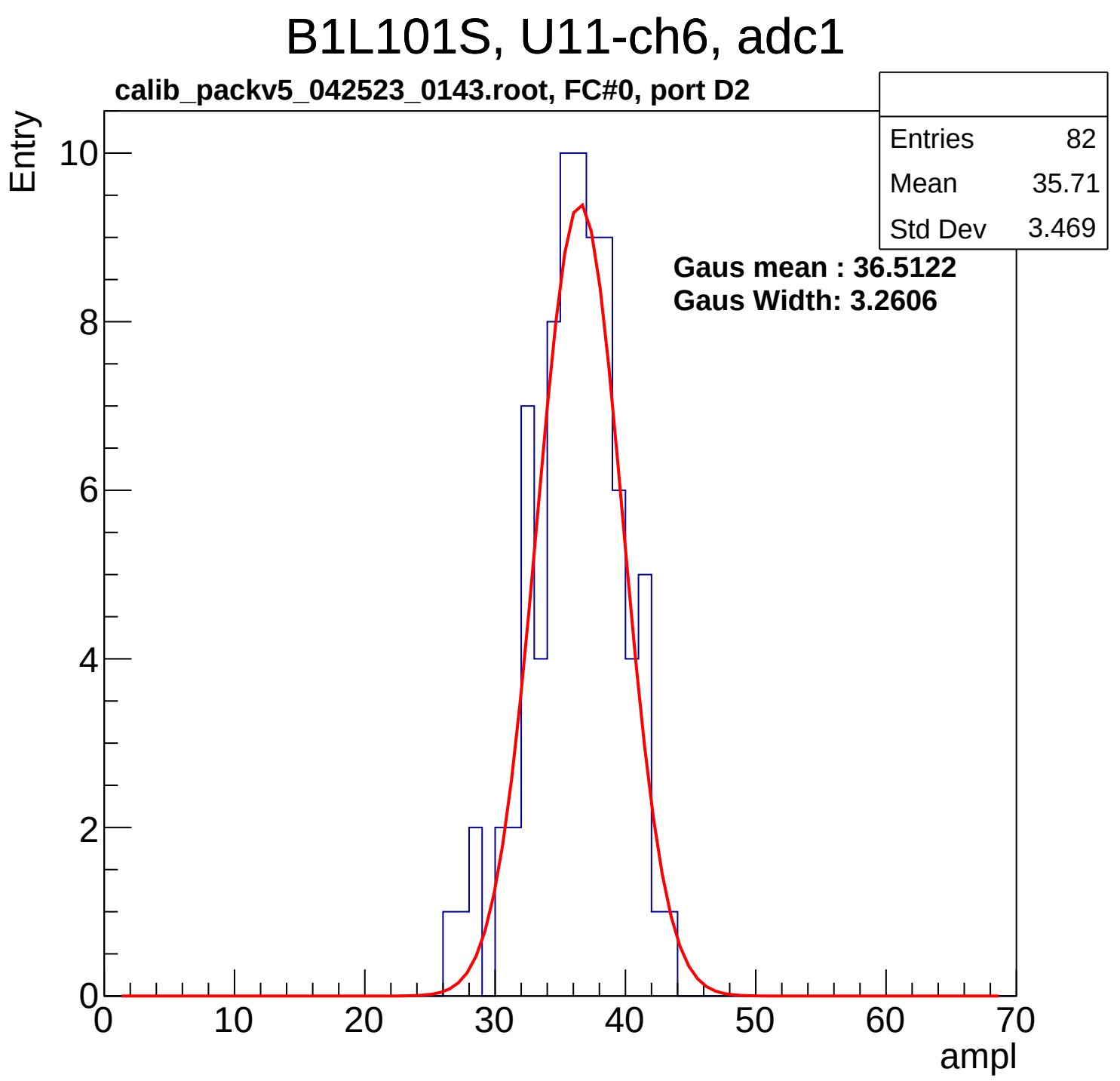
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch6, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 82
Mean 35.71
Std Dev 3.469
Gaus mean : 36.5122
Gaus Width: 3.2606
Entry
ampl
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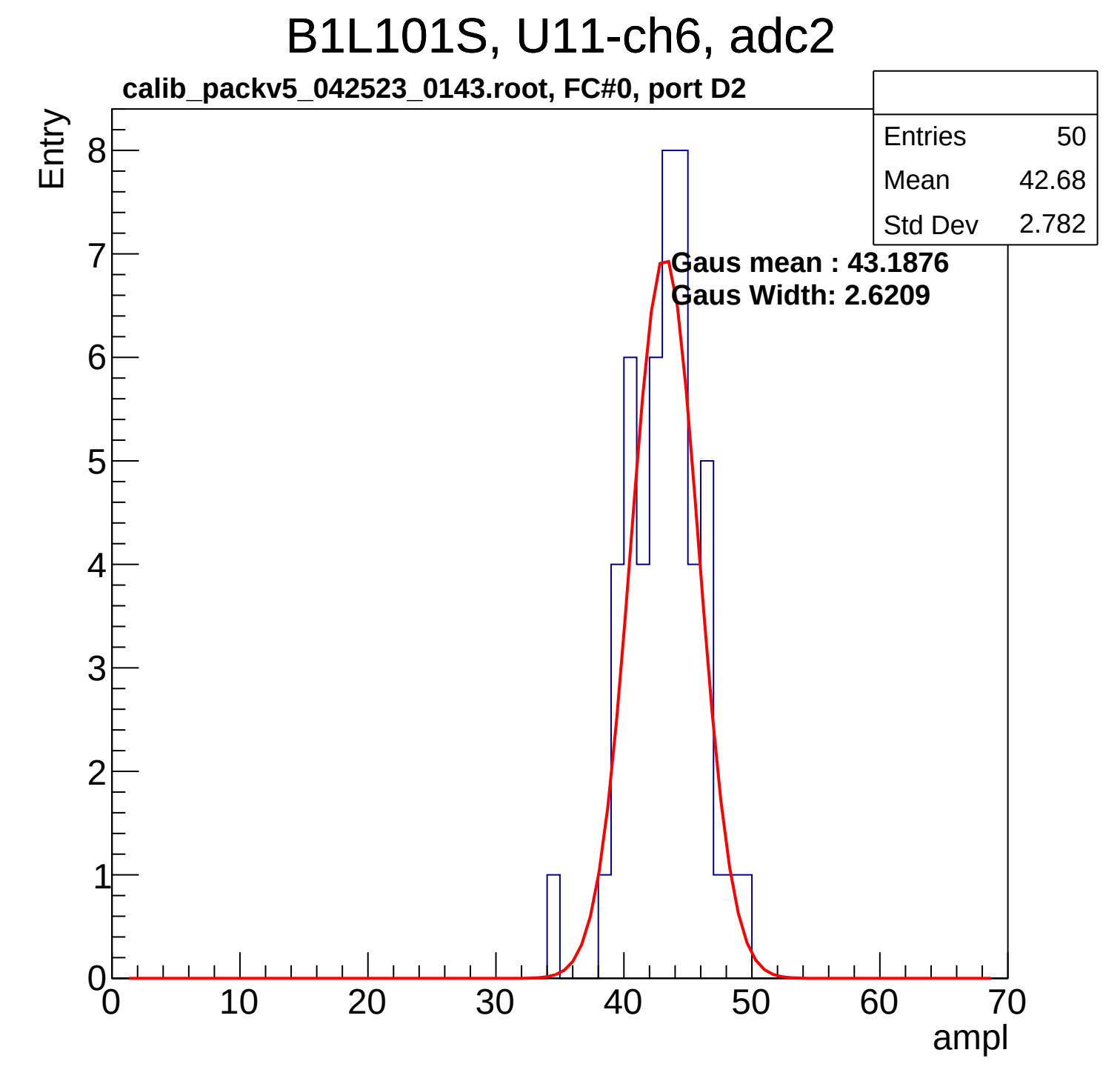
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch6, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 50
Mean 42.68
Std Dev 2.782
Gaus mean : 43.1876
Gaus Width: 2.6209
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
50
60
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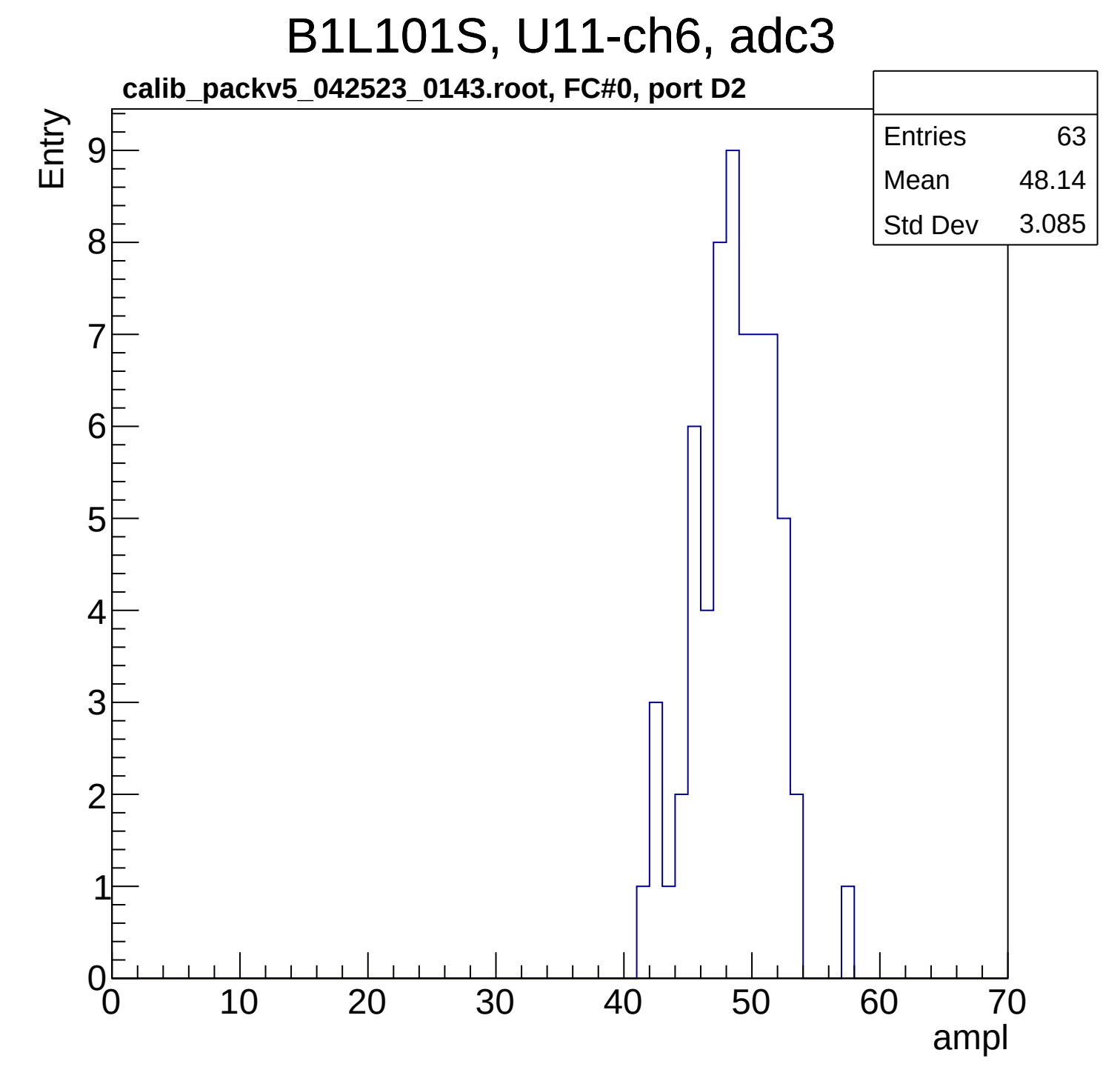
B1L101S, U11-ch6, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 48.14
Std Dev 3.085
Entry
ampl
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3
4
5
6
7
8
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0
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60
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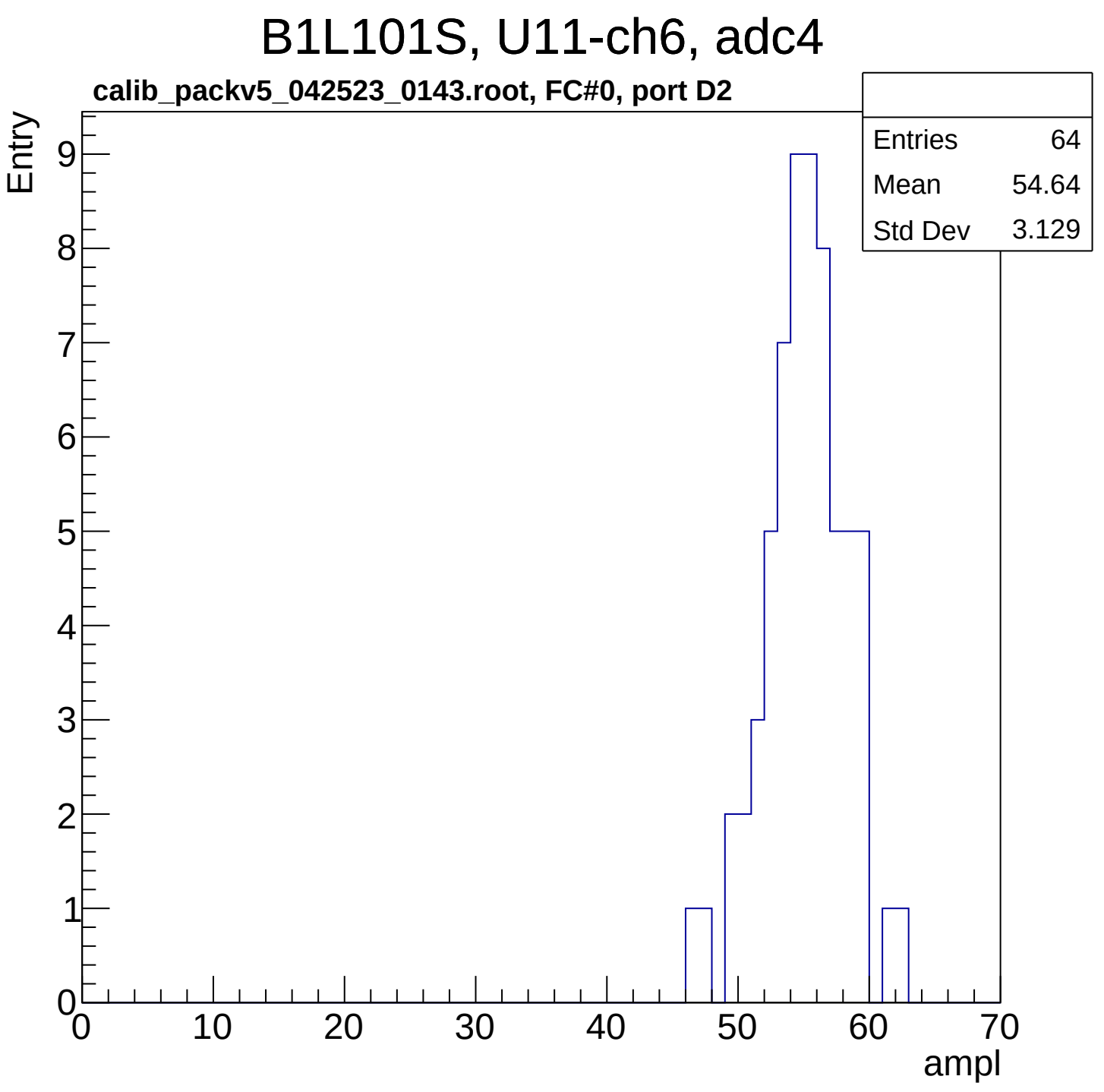
B1L101S, U11-ch6, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 54.64
Std Dev 3.129
Entry
ampl
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2
3
4
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6
7
8
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0
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20
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60
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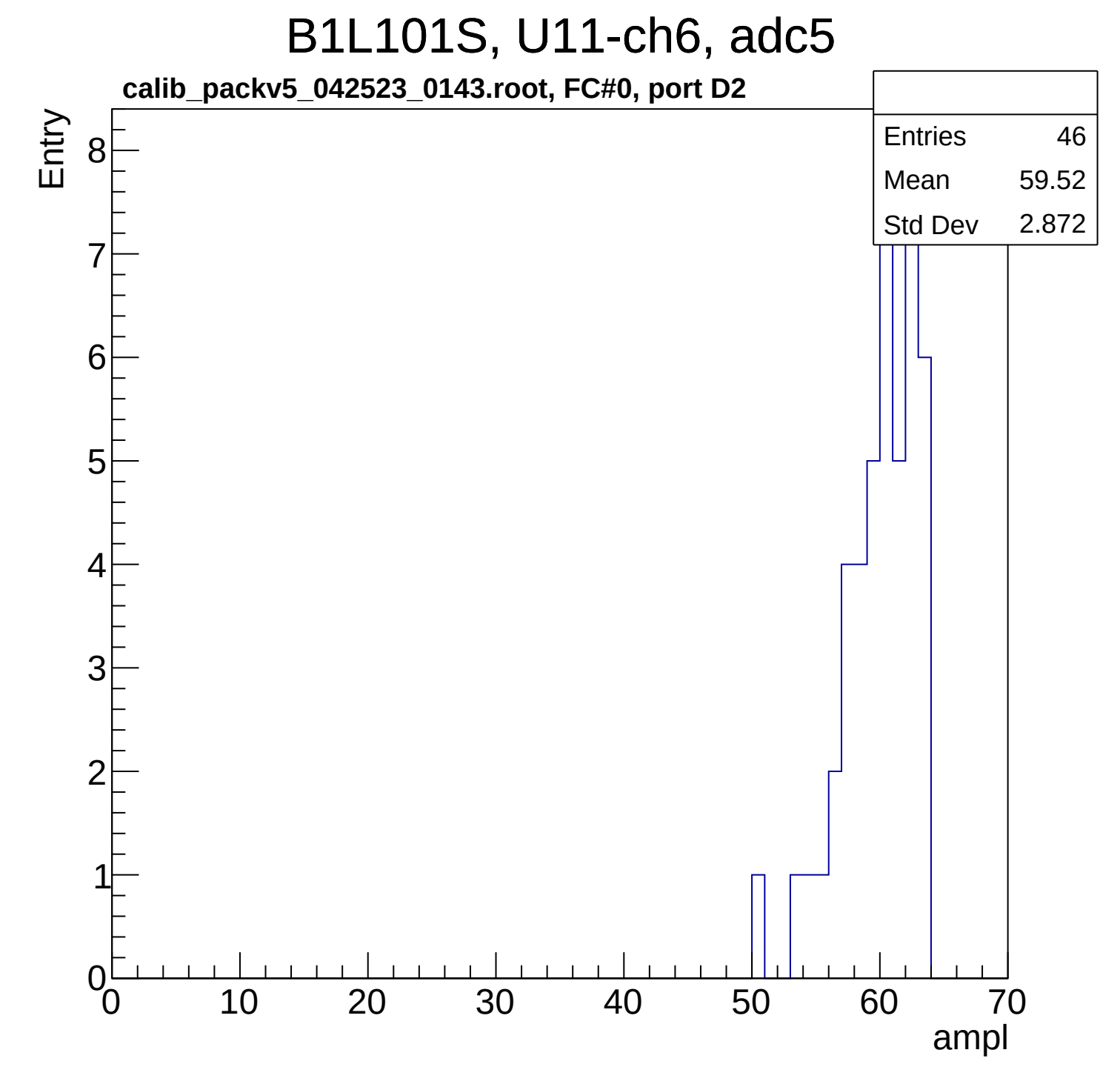
B1L101S, U11-ch6, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 46
Mean 59.52
Std Dev 2.872
Entry
ampl
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3
4
5
6
7
8
0
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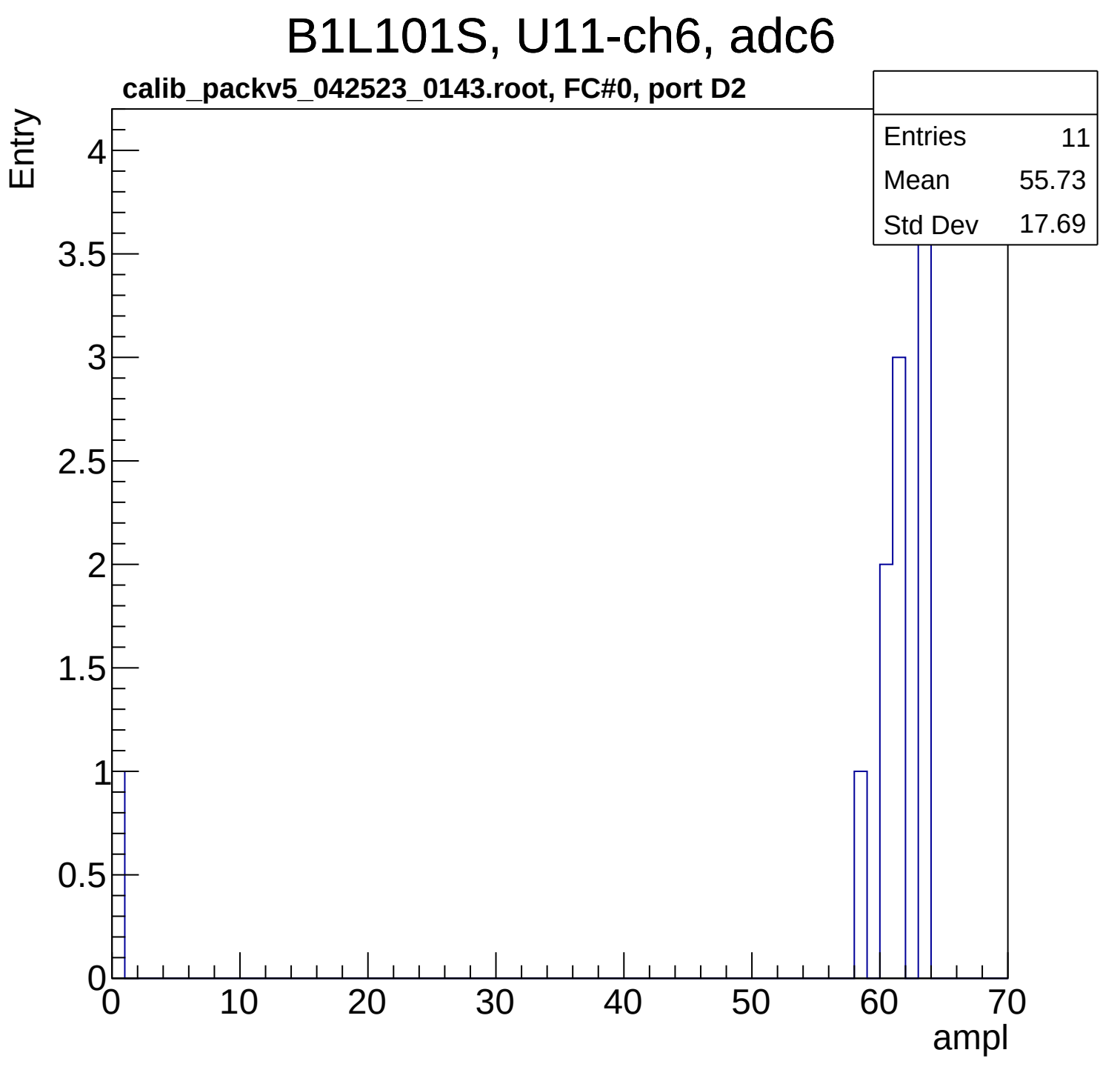
20
30
40
50
60
70


B1L101S, U11-ch6, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 11
Mean 55.73
Std Dev 17.69
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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60
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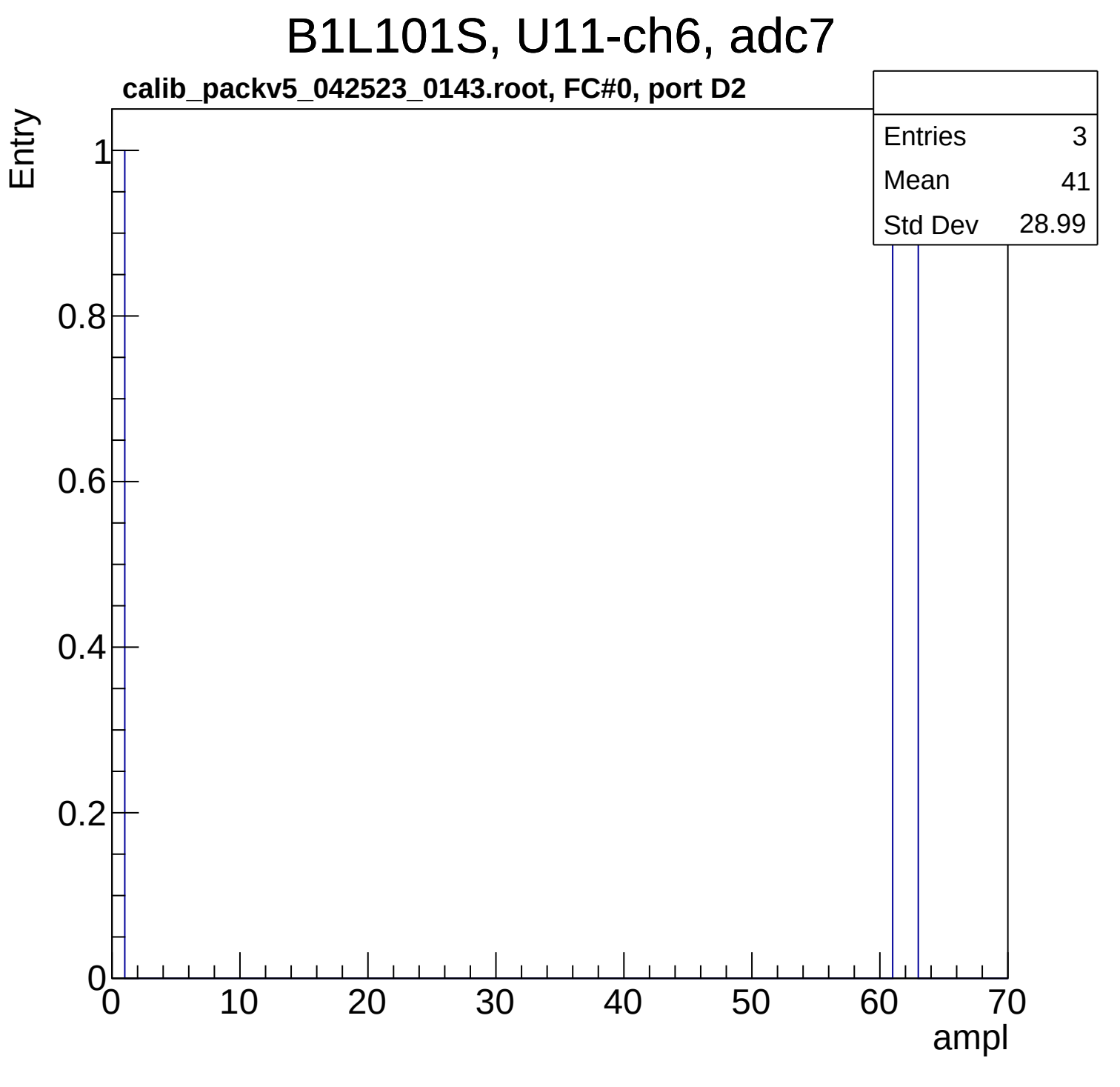
B1L101S, U11-ch6, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 41
Std Dev 28.99
Entry
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0.6
0.4
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0
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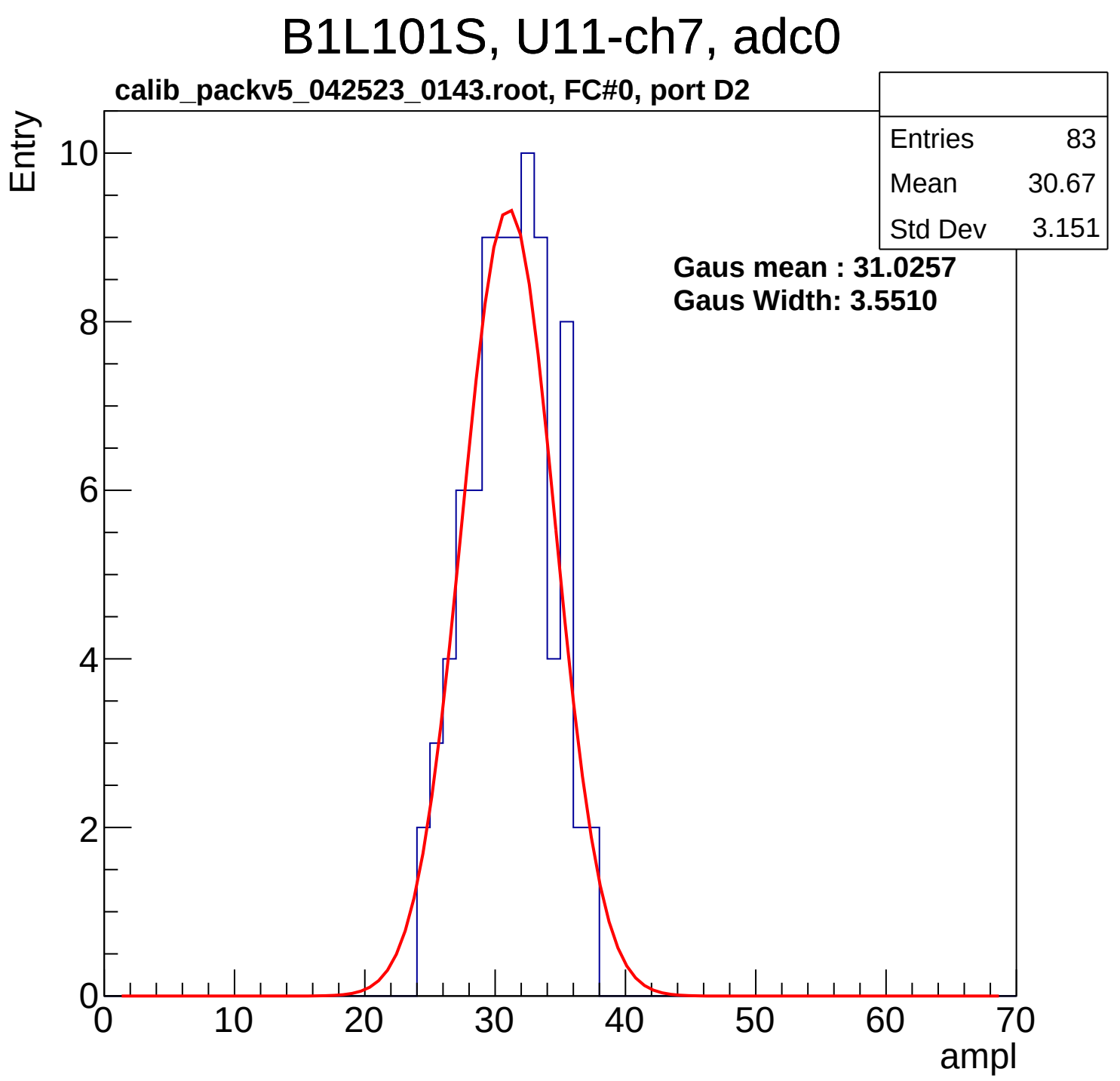
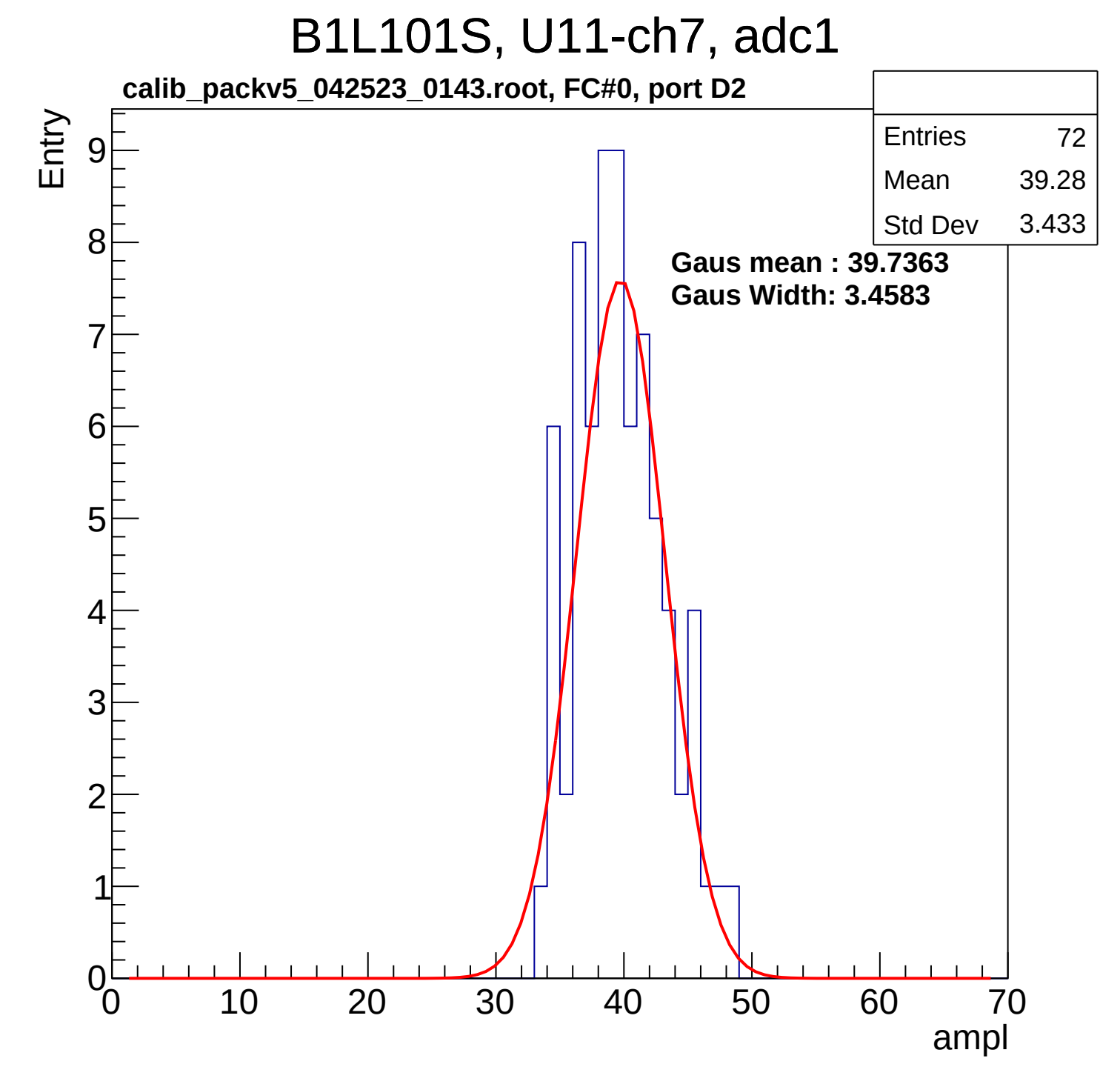
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch7, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 83
Mean 30.67
Std Dev 3.151
Gaus mean : 31.0257
Gaus Width: 3.5510
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch7, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 39.28
Std Dev 3.433
Gaus mean : 39.7363
Gaus Width: 3.4583
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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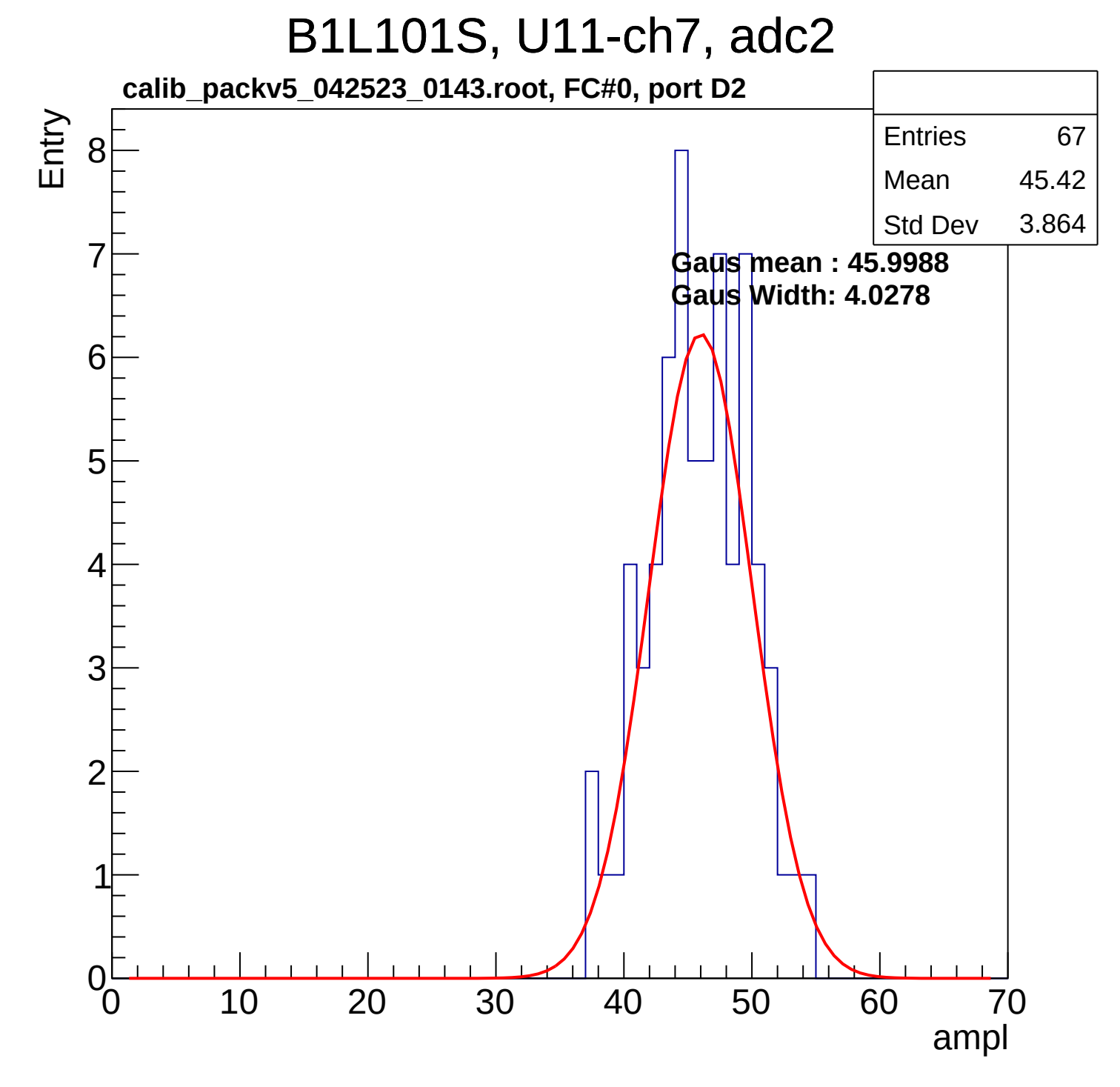
B1L101S, U11-ch7, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 45.42
Std Dev 3.864
Gaus mean : 45.9988
Gaus Width: 4.0278
Entry
ampl
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1
2
3
4
5
6
7
8
0
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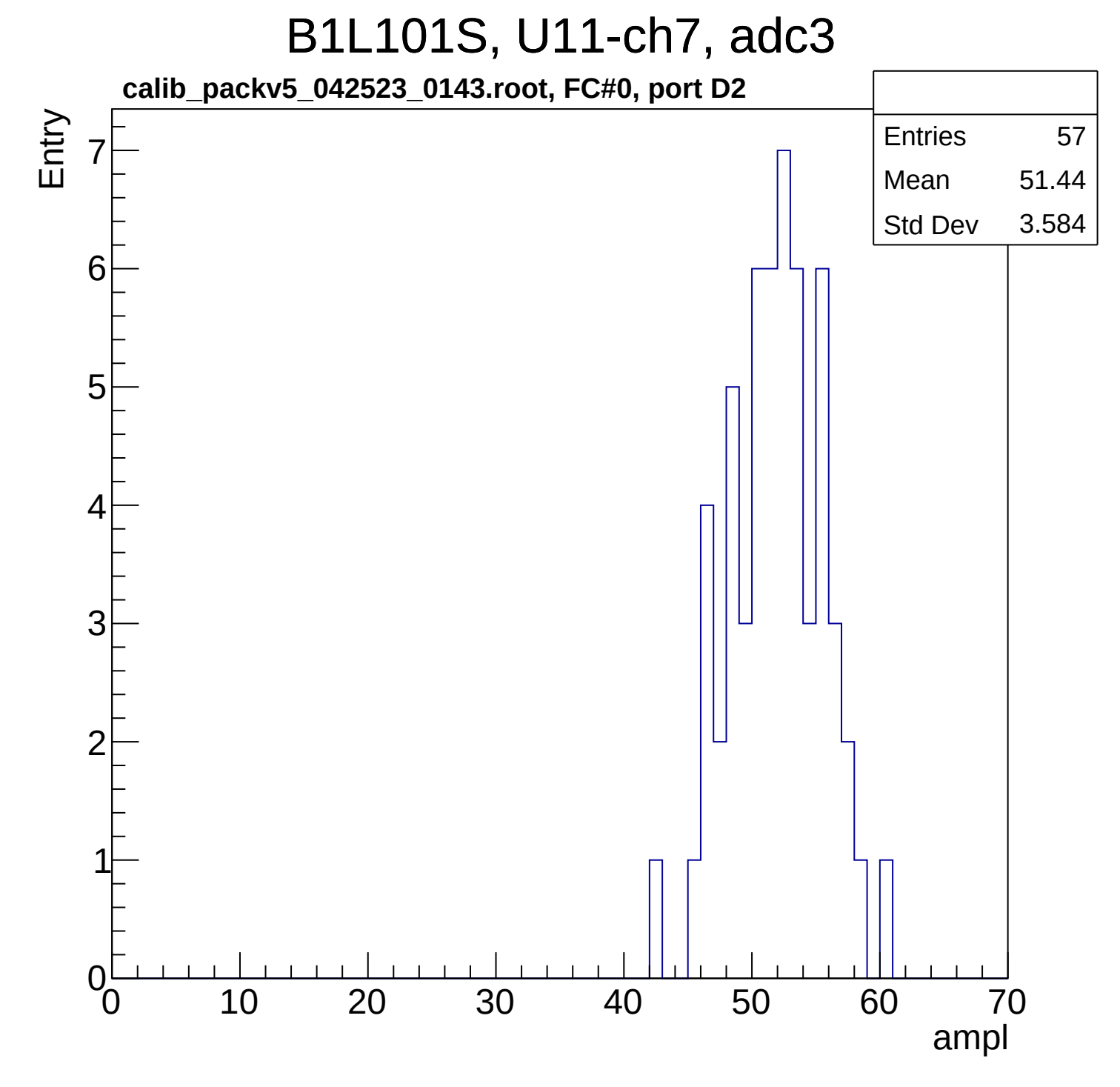
B1L101S, U11-ch7, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 51.44
Std Dev 3.584
Entry
ampl
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1
2
3
4
5
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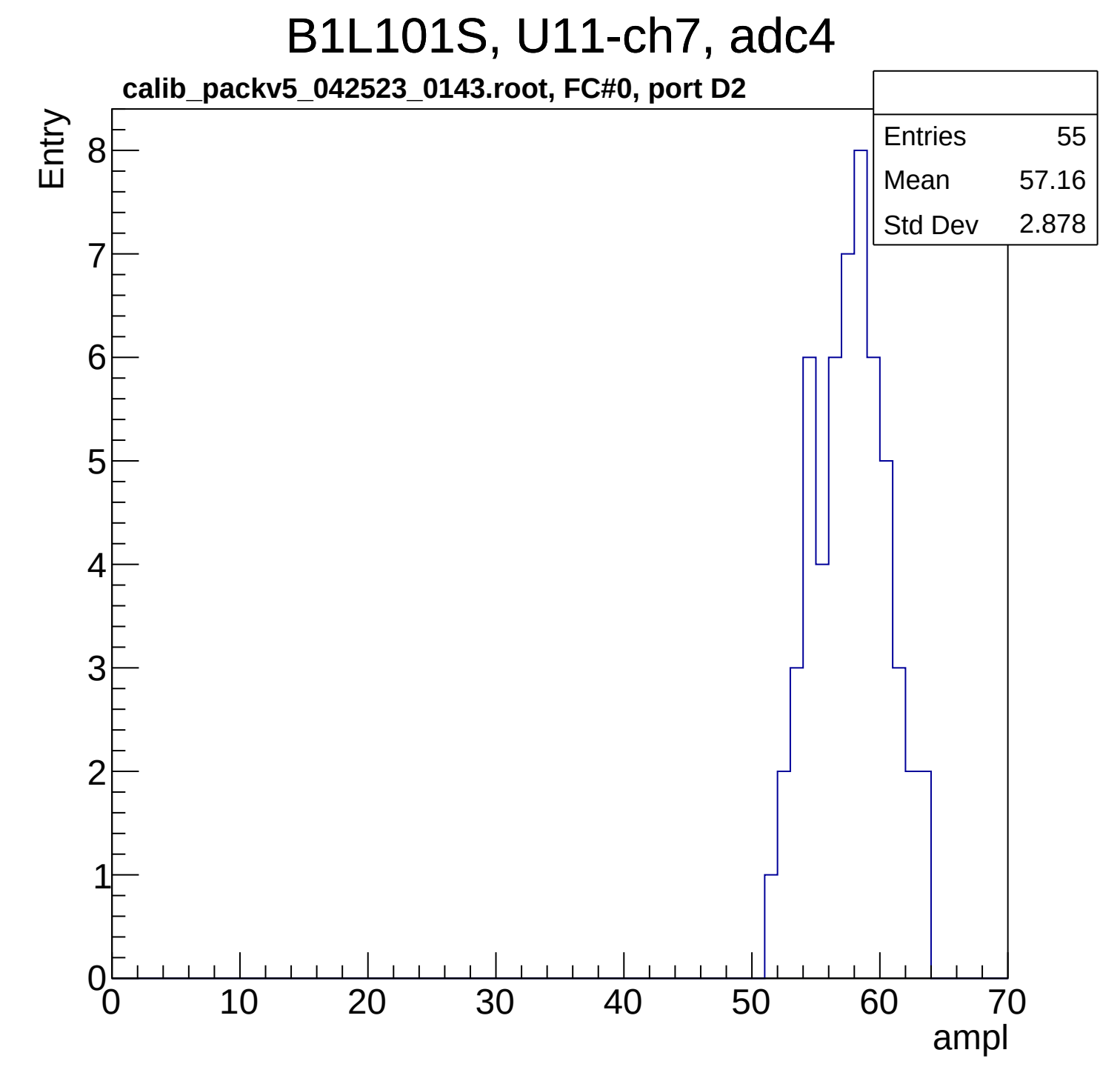
B1L101S, U11-ch7, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 57.16
Std Dev 2.878
Entry
ampl
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3
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60
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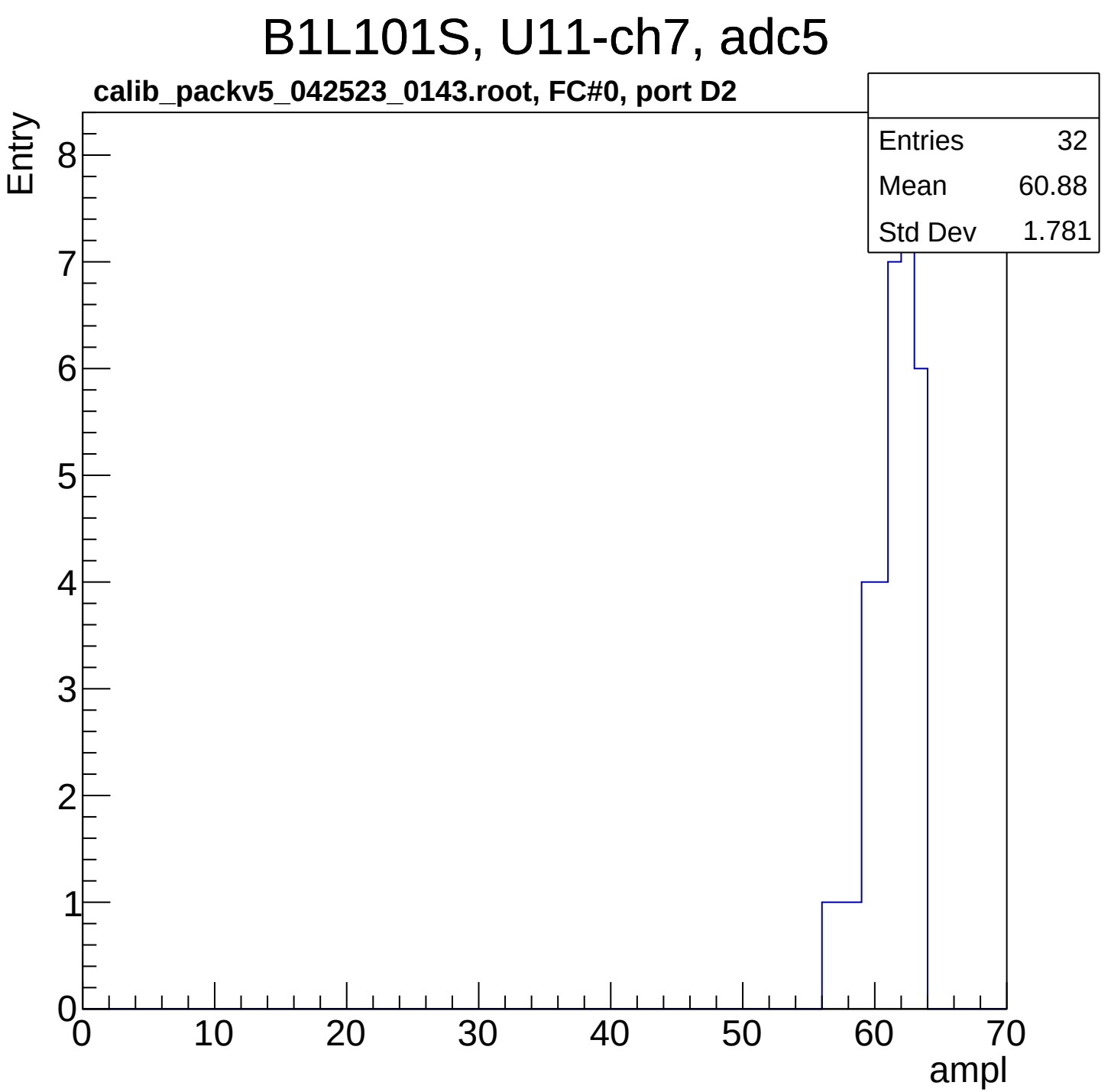
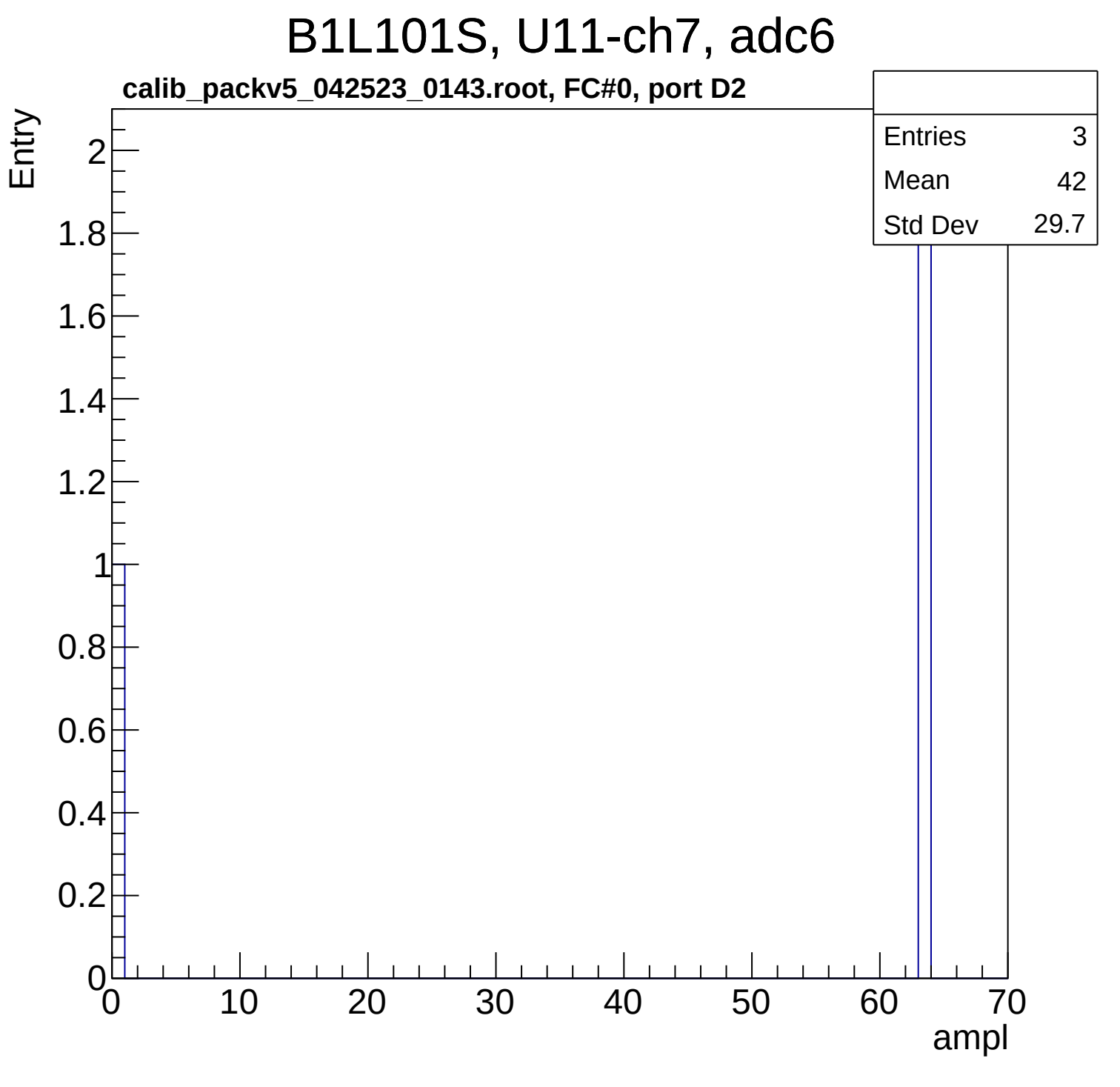

B1L101S, U11-ch7, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 32
Mean 60.88
Std Dev 1.781
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch7, adc6
calib_packv5_042523_0143.root, FC#0, port D2
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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60
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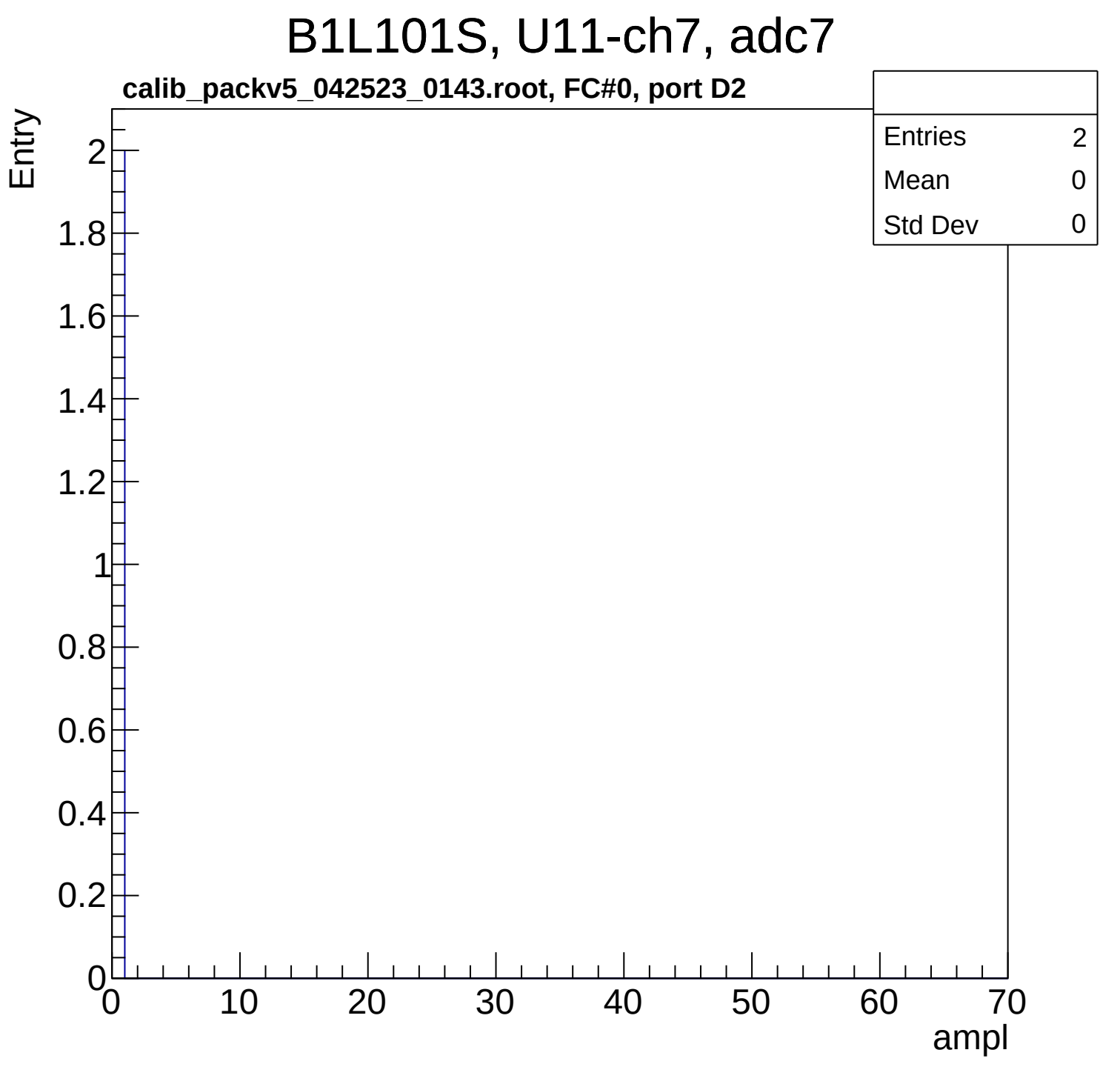
B1L101S, U11-ch7, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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60
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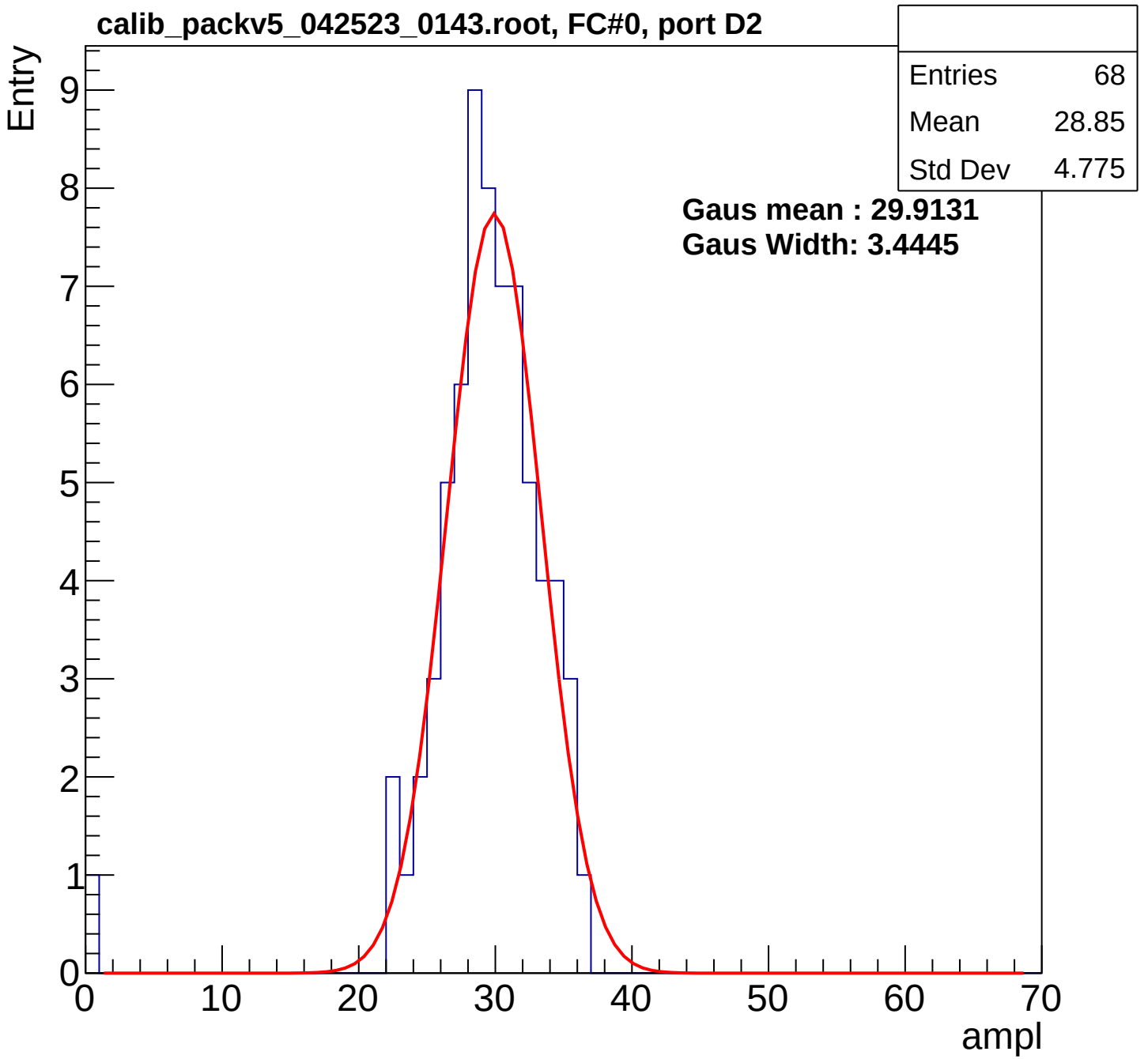
B1L101S, U11-ch8, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 28.85
Std Dev 4.775
Gaus mean : 29.9131
Gaus Width: 3.4445
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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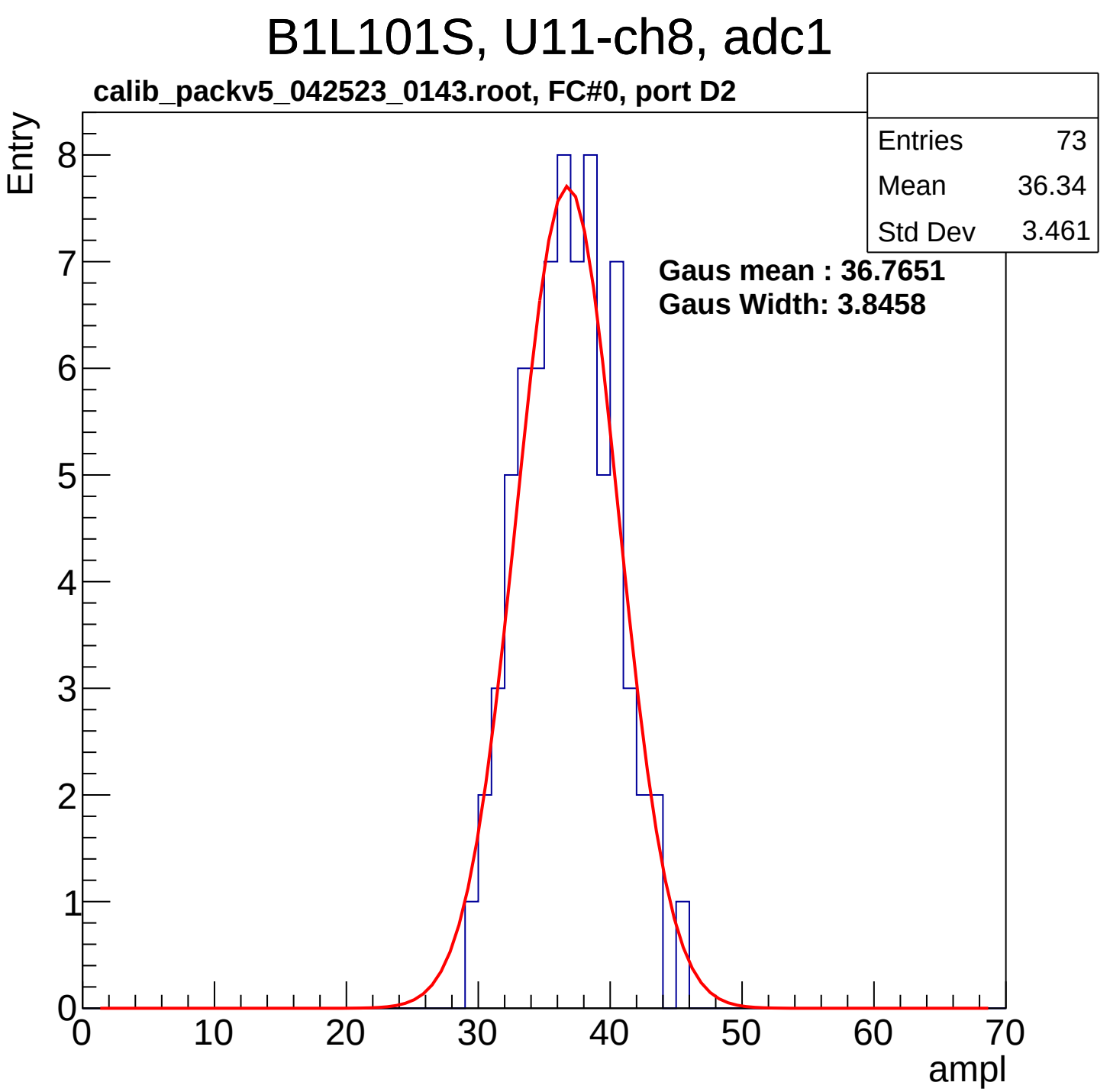
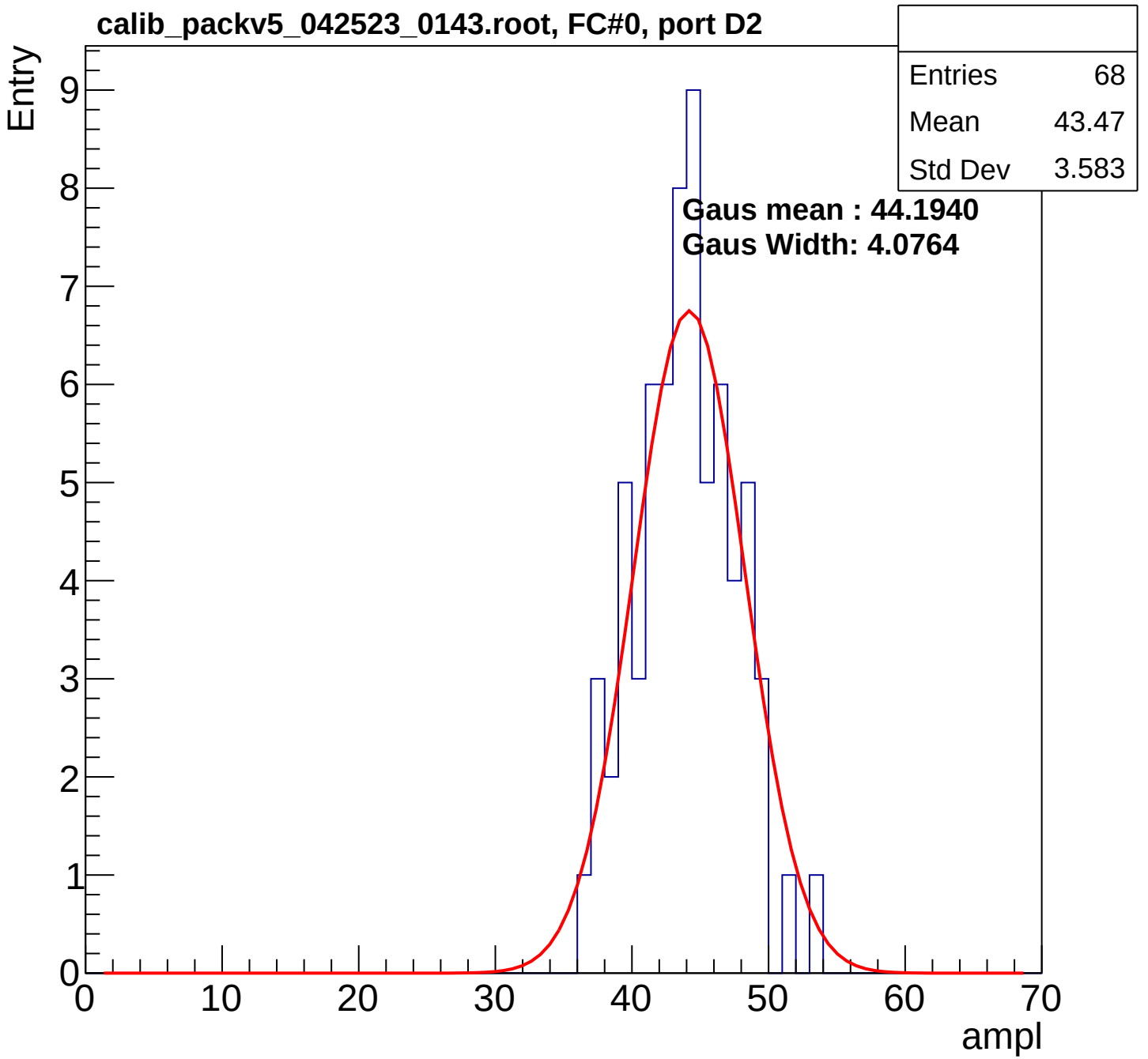

B1L101S, U11-ch8, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 36.34
Std Dev 3.461
Gaus mean : 36.7651
Gaus Width: 3.8458
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch8, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 43.47
Std Dev 3.583
Gaus mean : 44.1940
Gaus Width: 4.0764
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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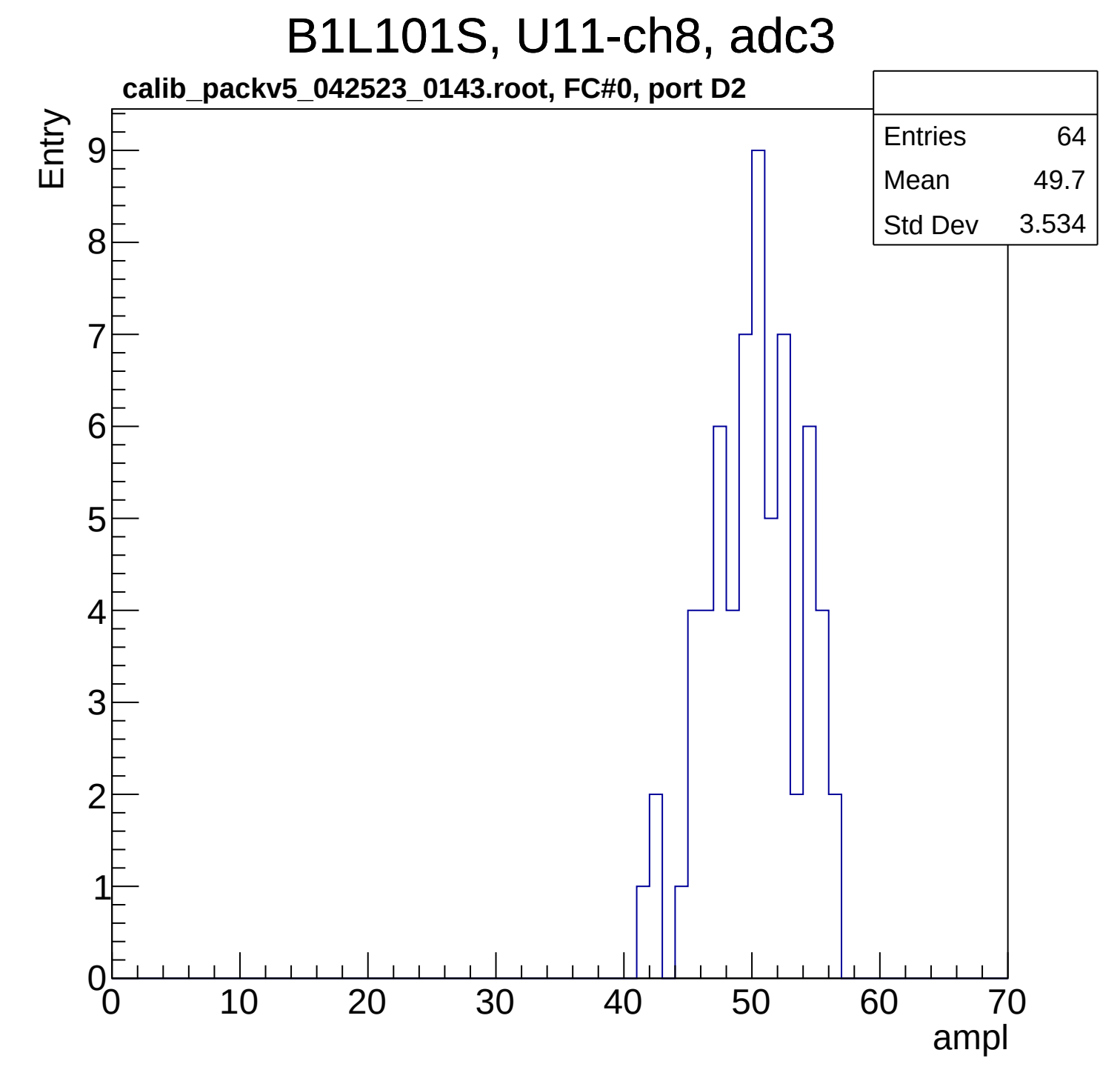
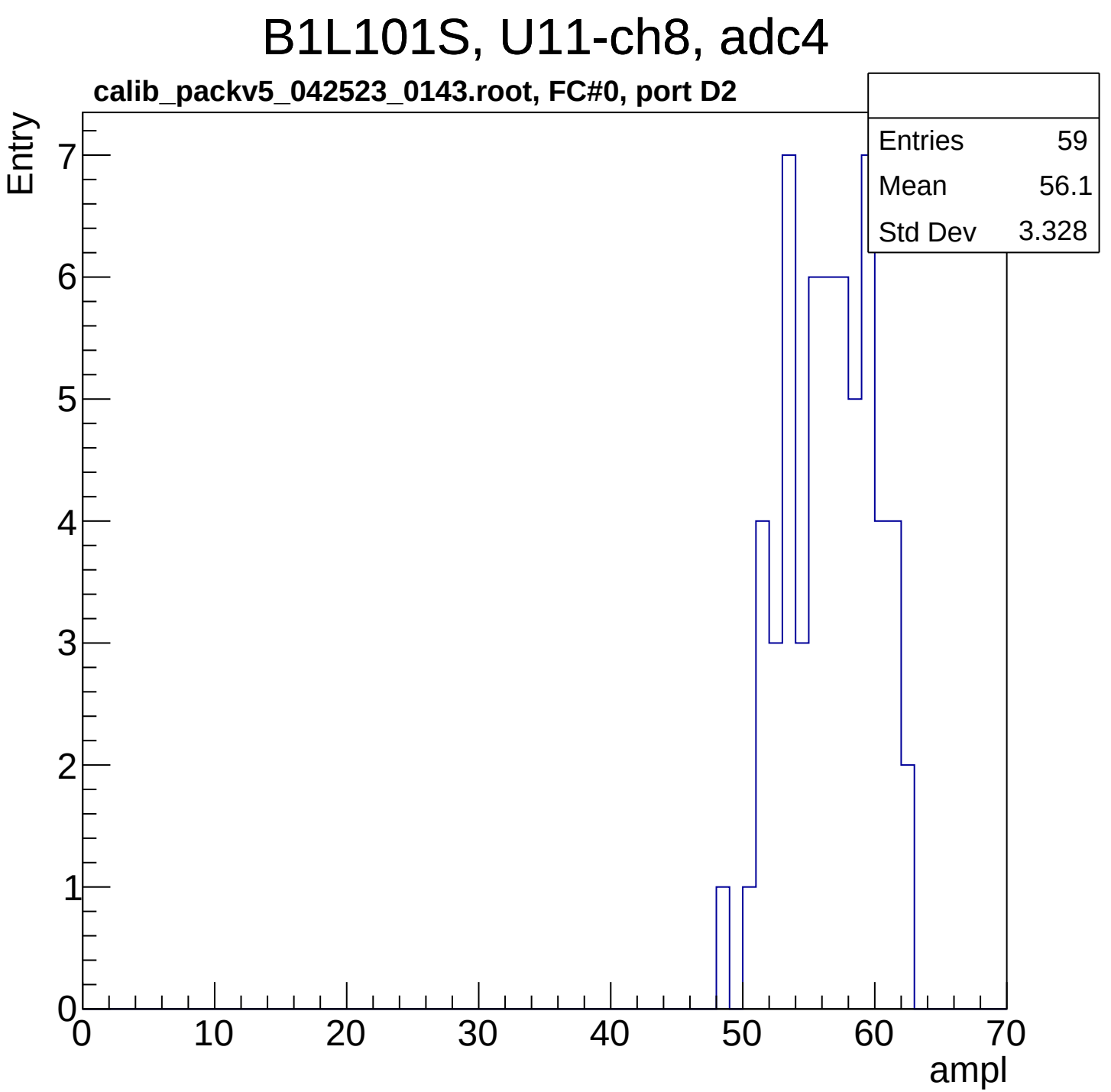
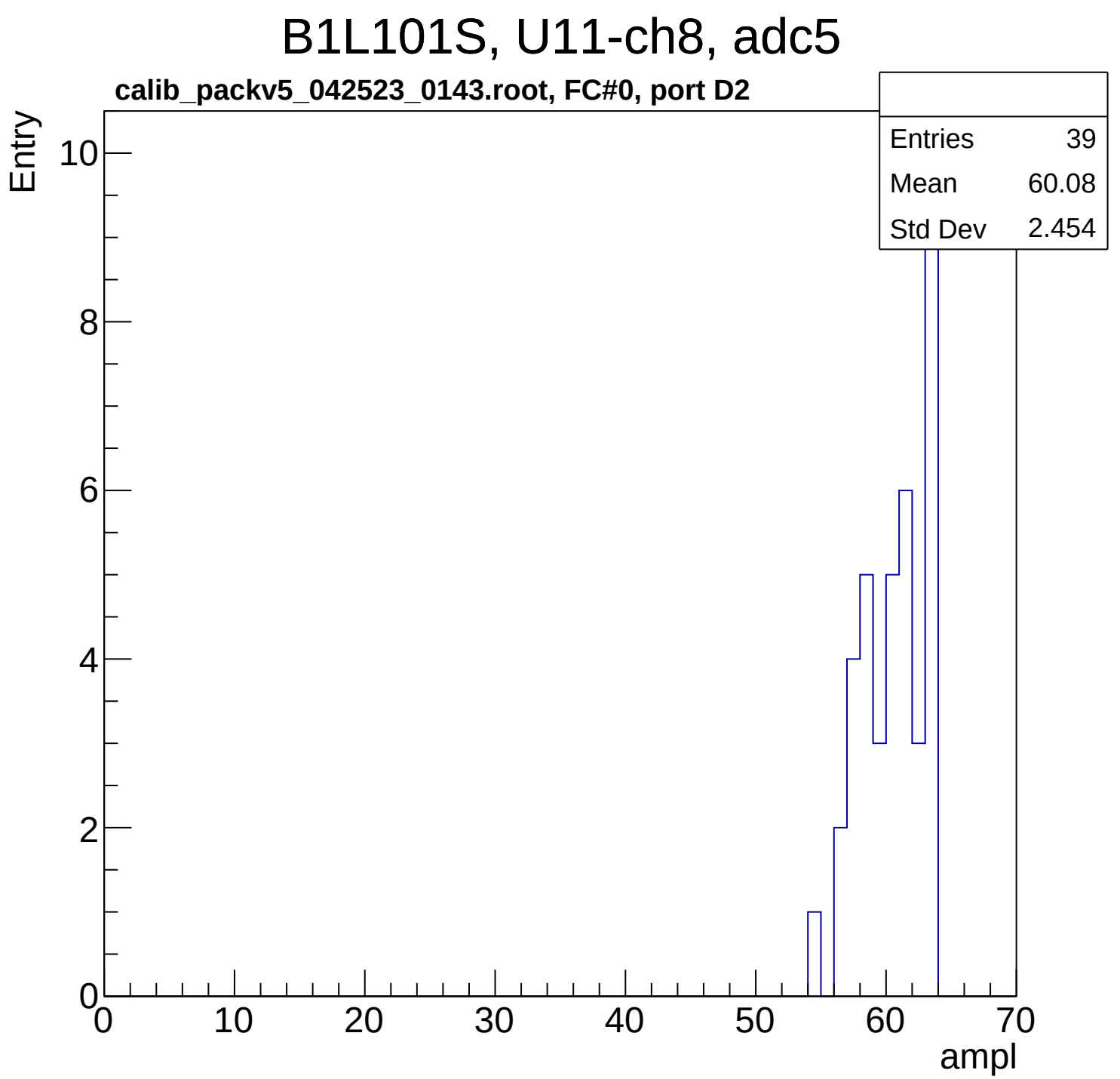
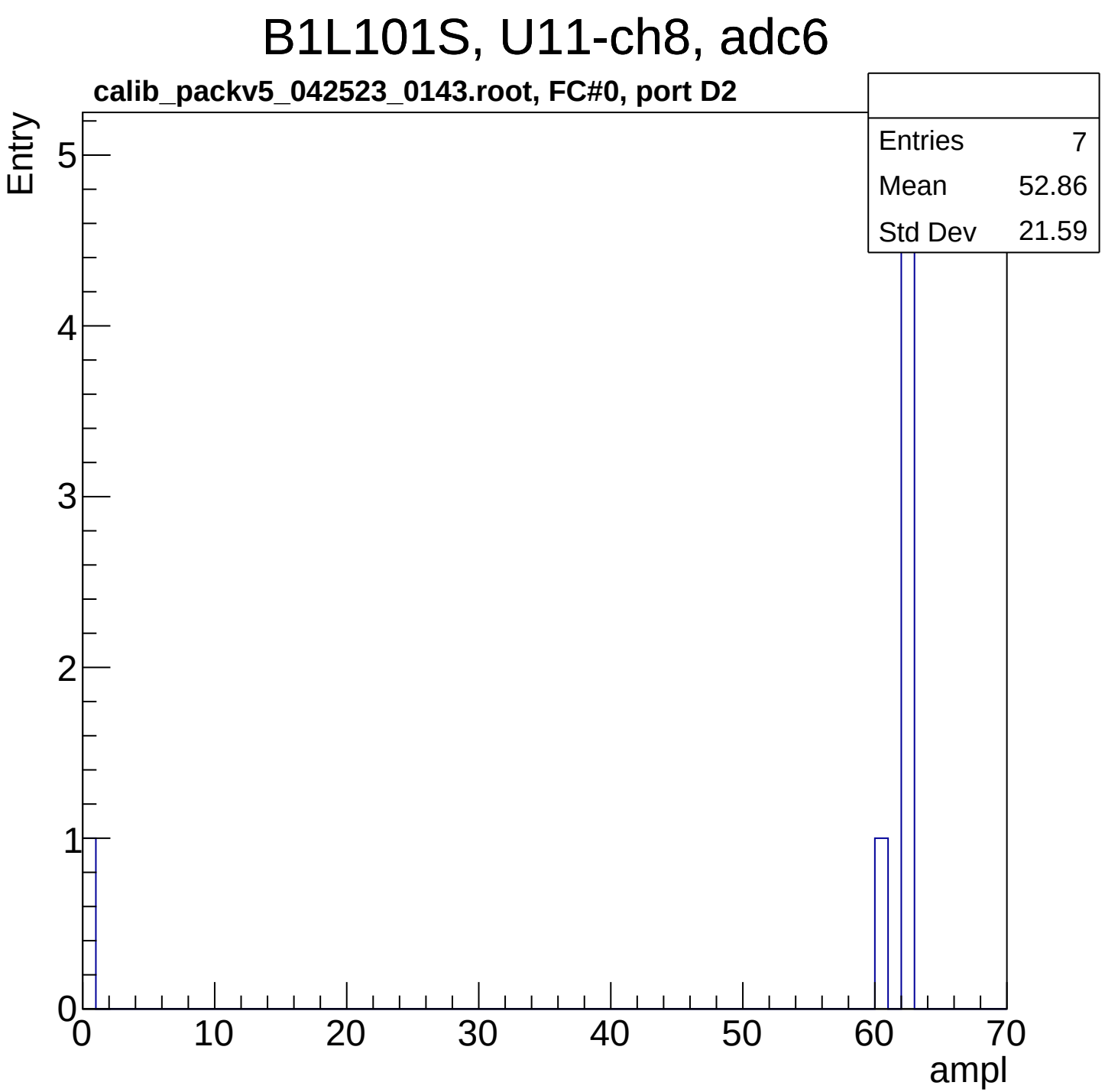
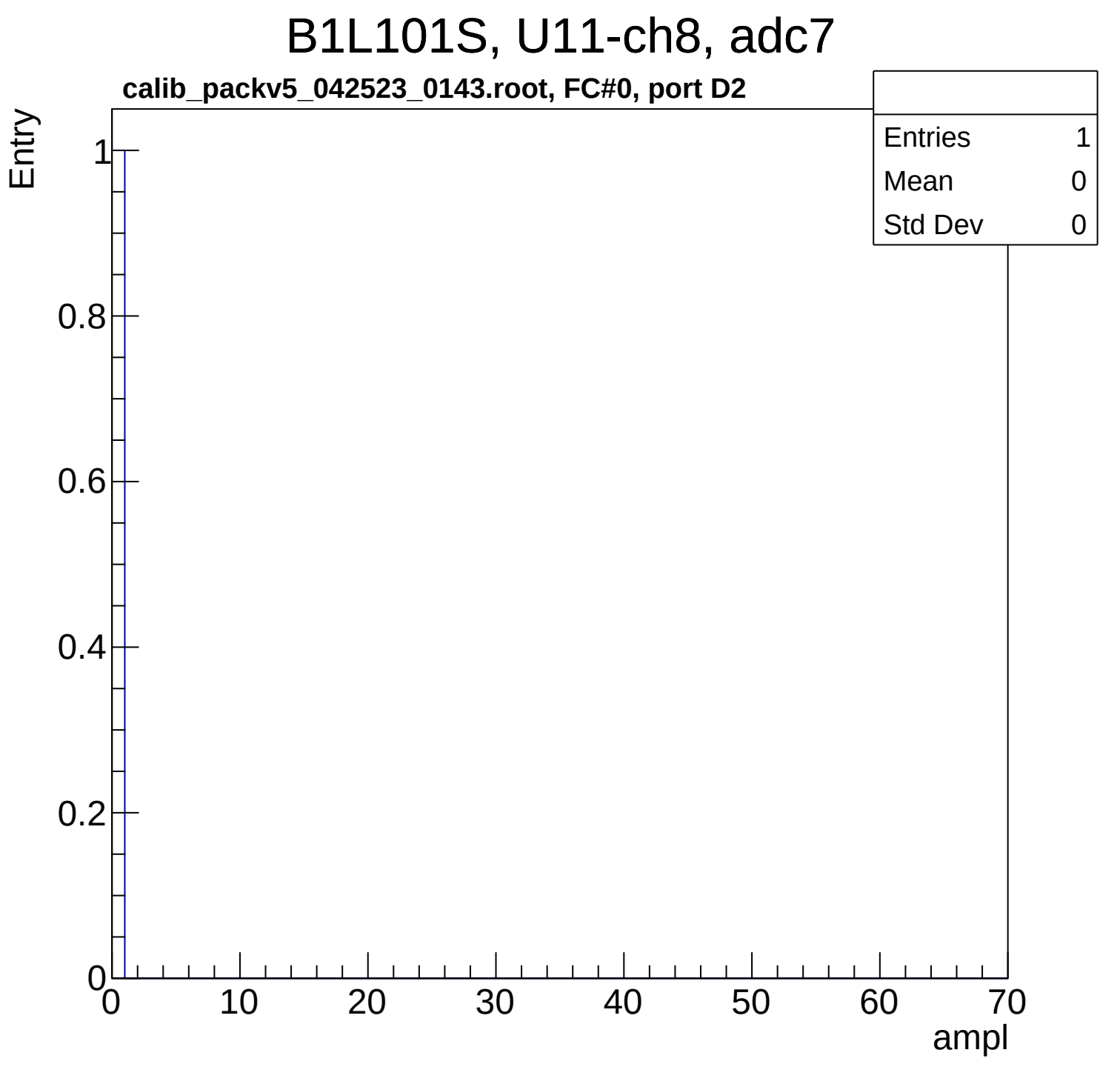
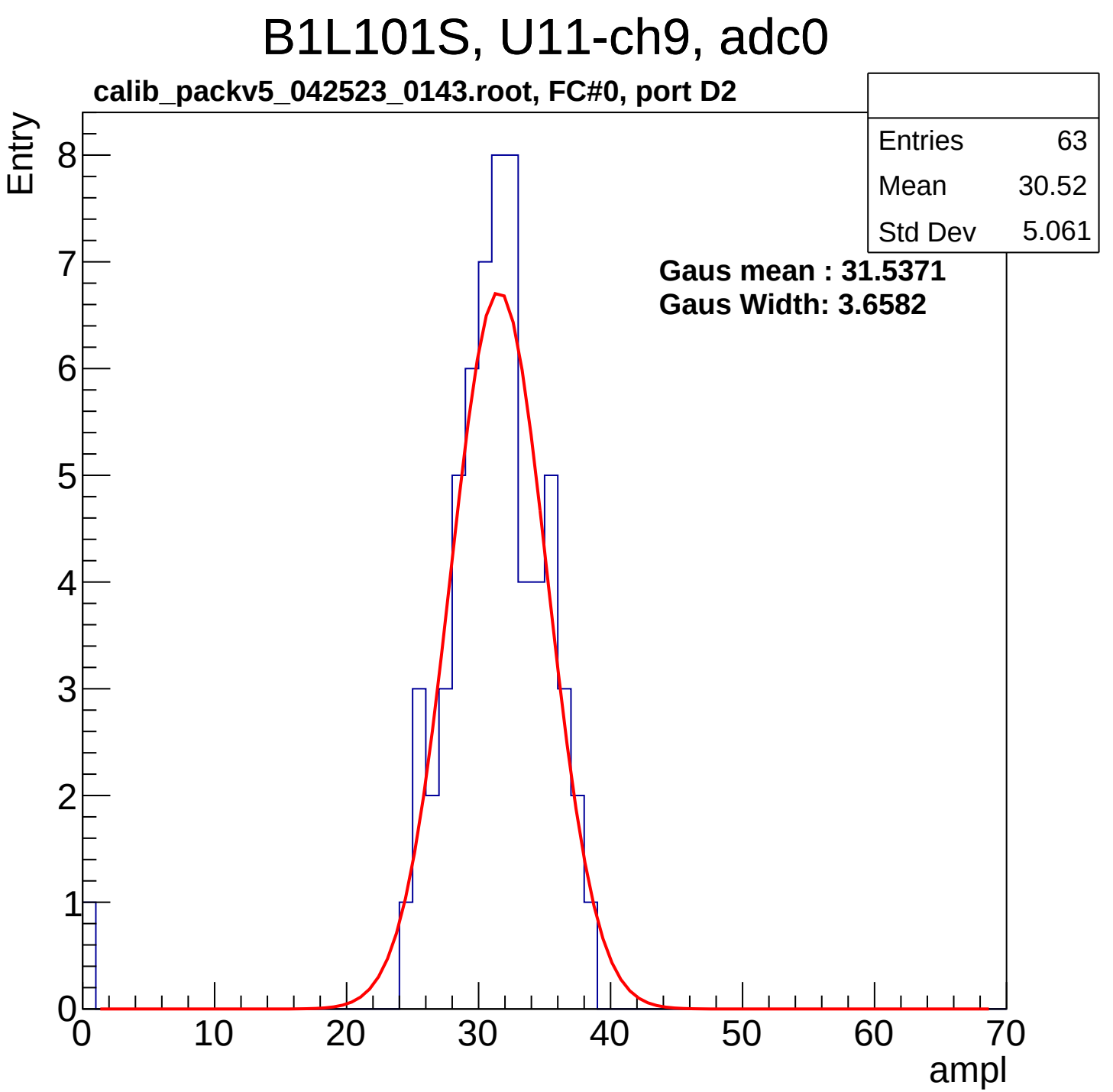

B1L101S, U11-ch8, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 49.7
Std Dev 3.534
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch8, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 56.1
Std Dev 3.328
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch8, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 39
Mean 60.08
Std Dev 2.454
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch8, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 7
Mean 52.86
Std Dev 21.59
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch8, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch9, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 30.52
Std Dev 5.061
Gaus mean : 31.5371
Gaus Width: 3.6582
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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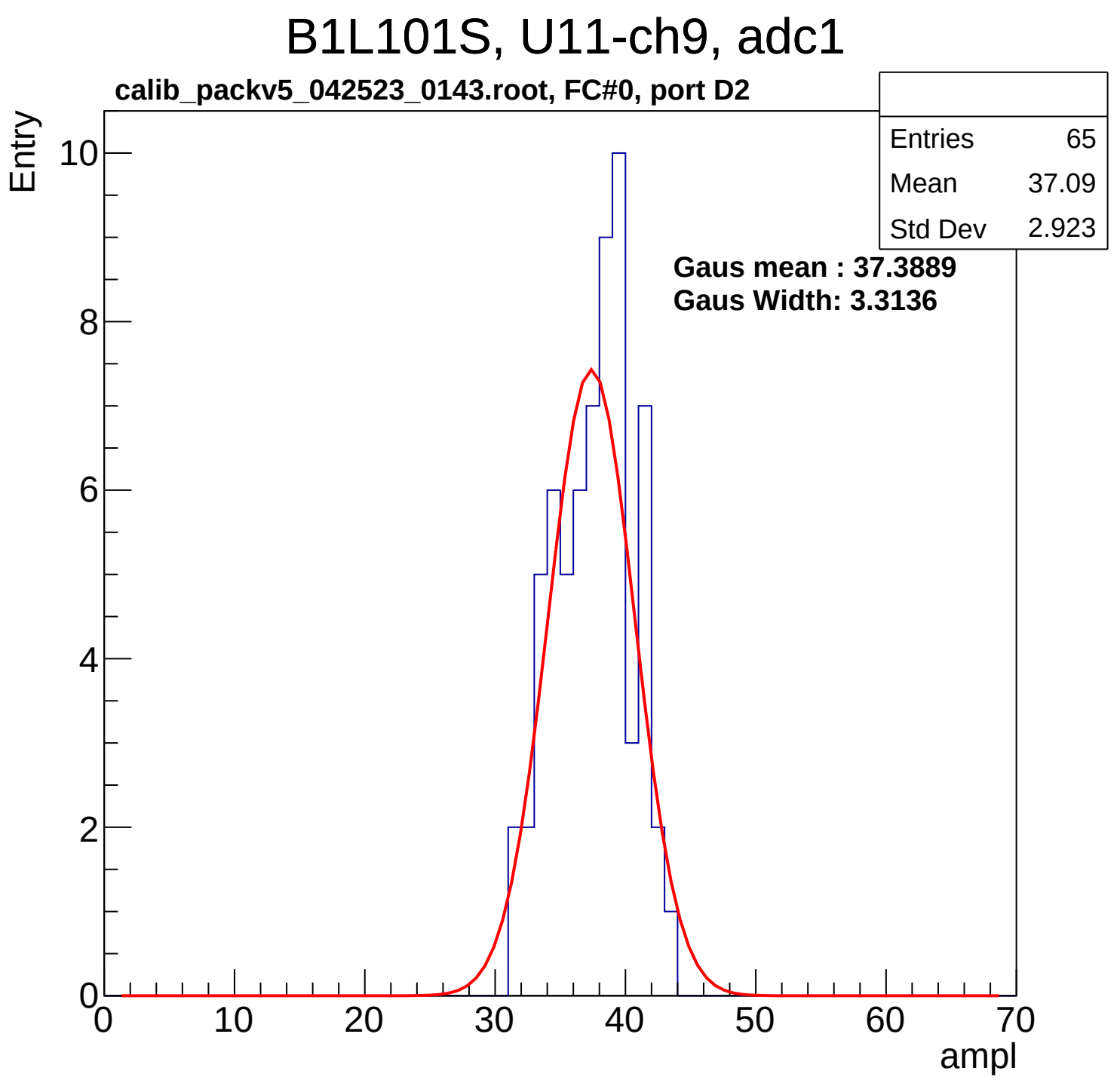
B1L101S, U11-ch9, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 37.09
Std Dev 2.923
Gaus mean : 37.3889
Gaus Width: 3.3136
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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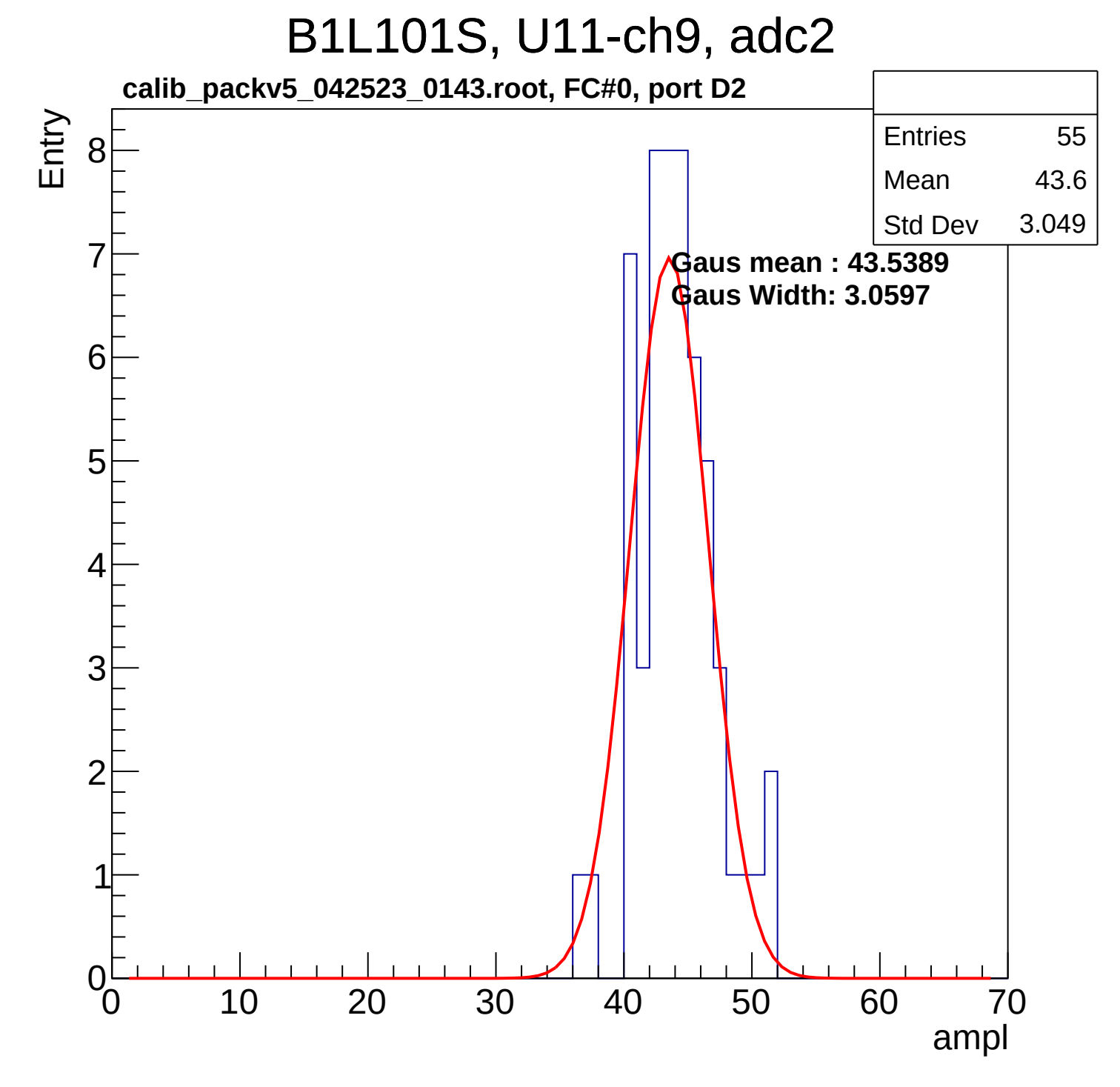
B1L101S, U11-ch9, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 43.6
Std Dev 3.049
Gaus mean : 43.5389
Gaus Width: 3.0597
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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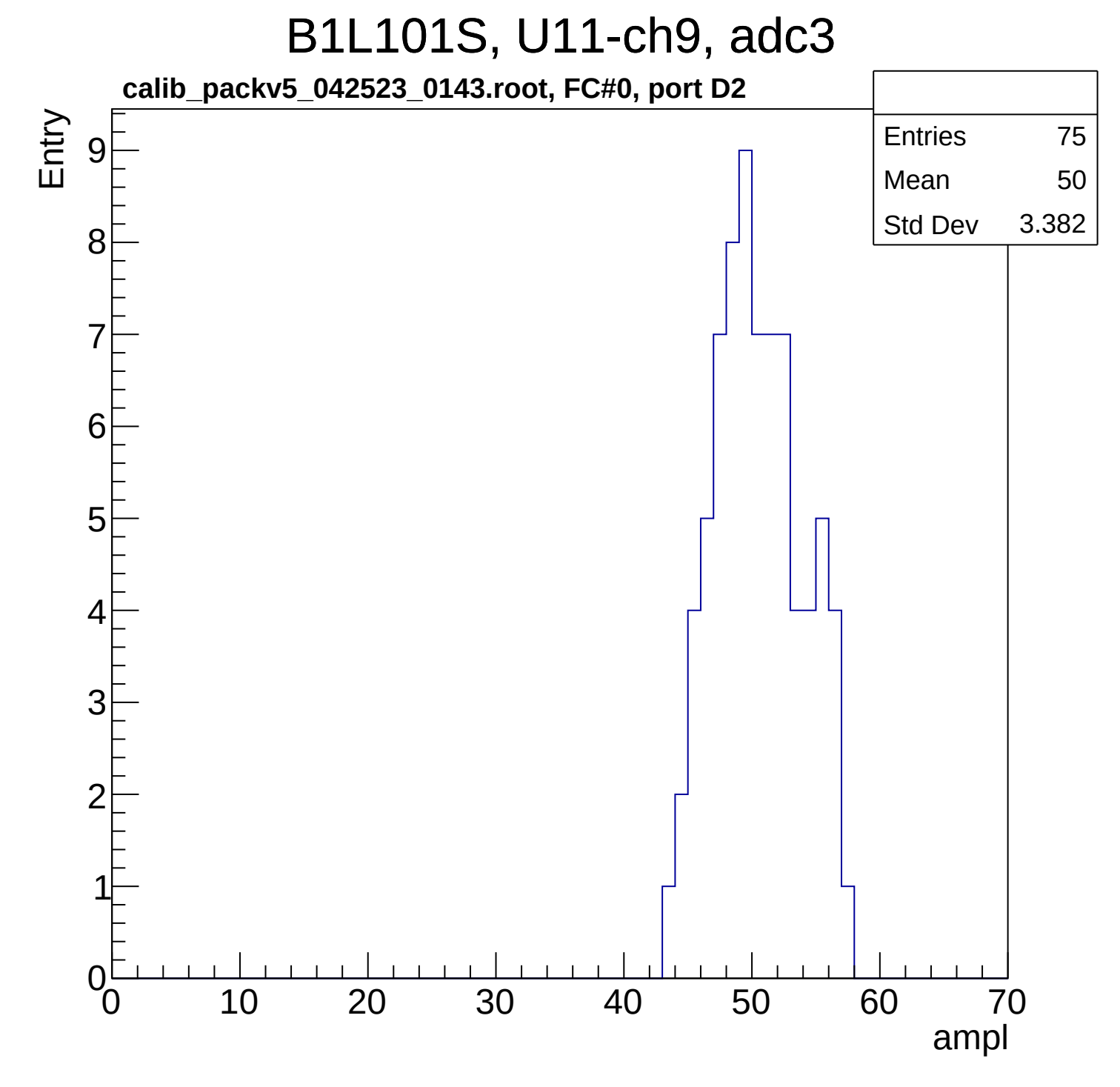
B1L101S, U11-ch9, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 75
Mean 50
Std Dev 3.382
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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40
50
60
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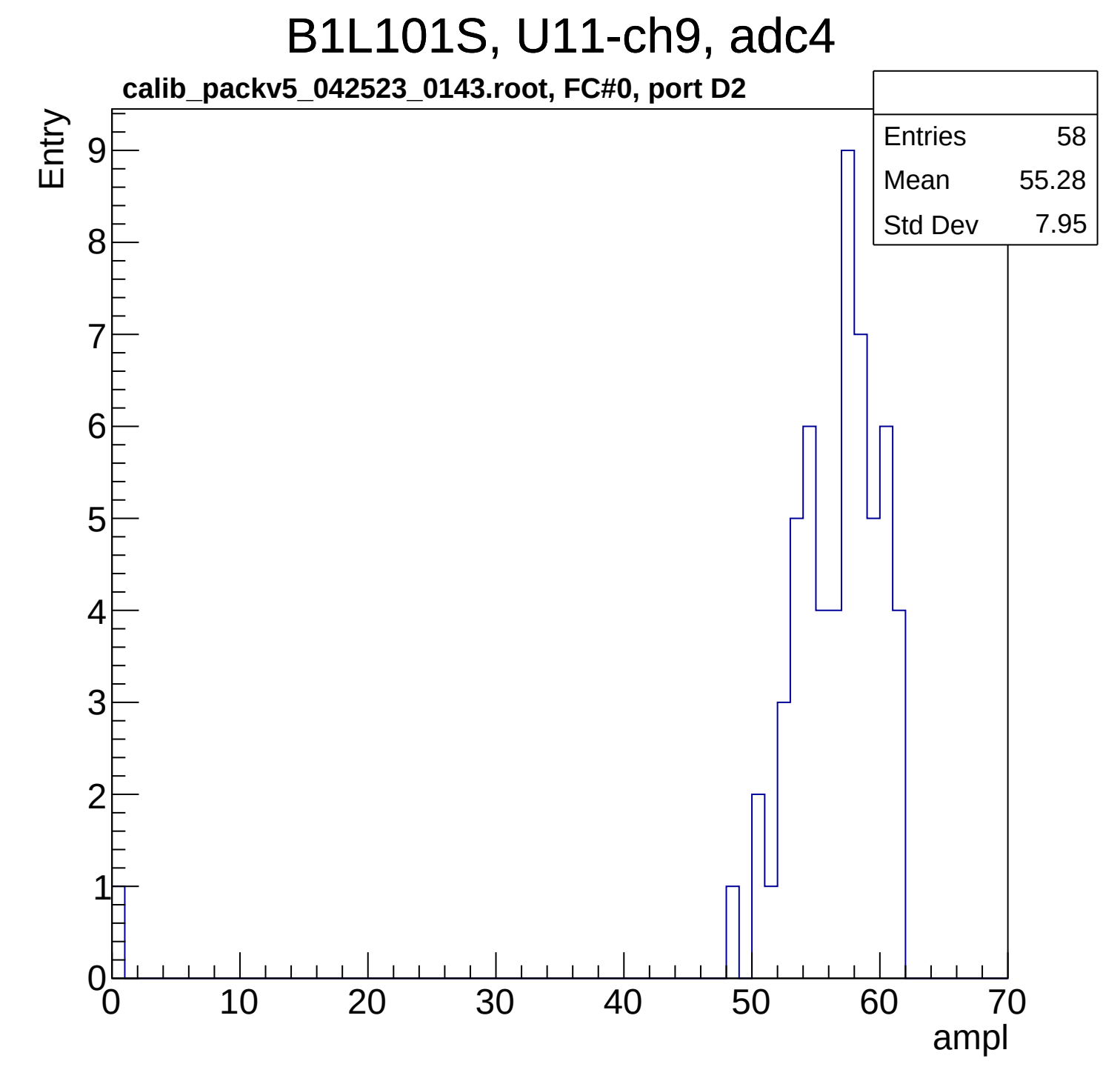
B1L101S, U11-ch9, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 55.28
Std Dev 7.95
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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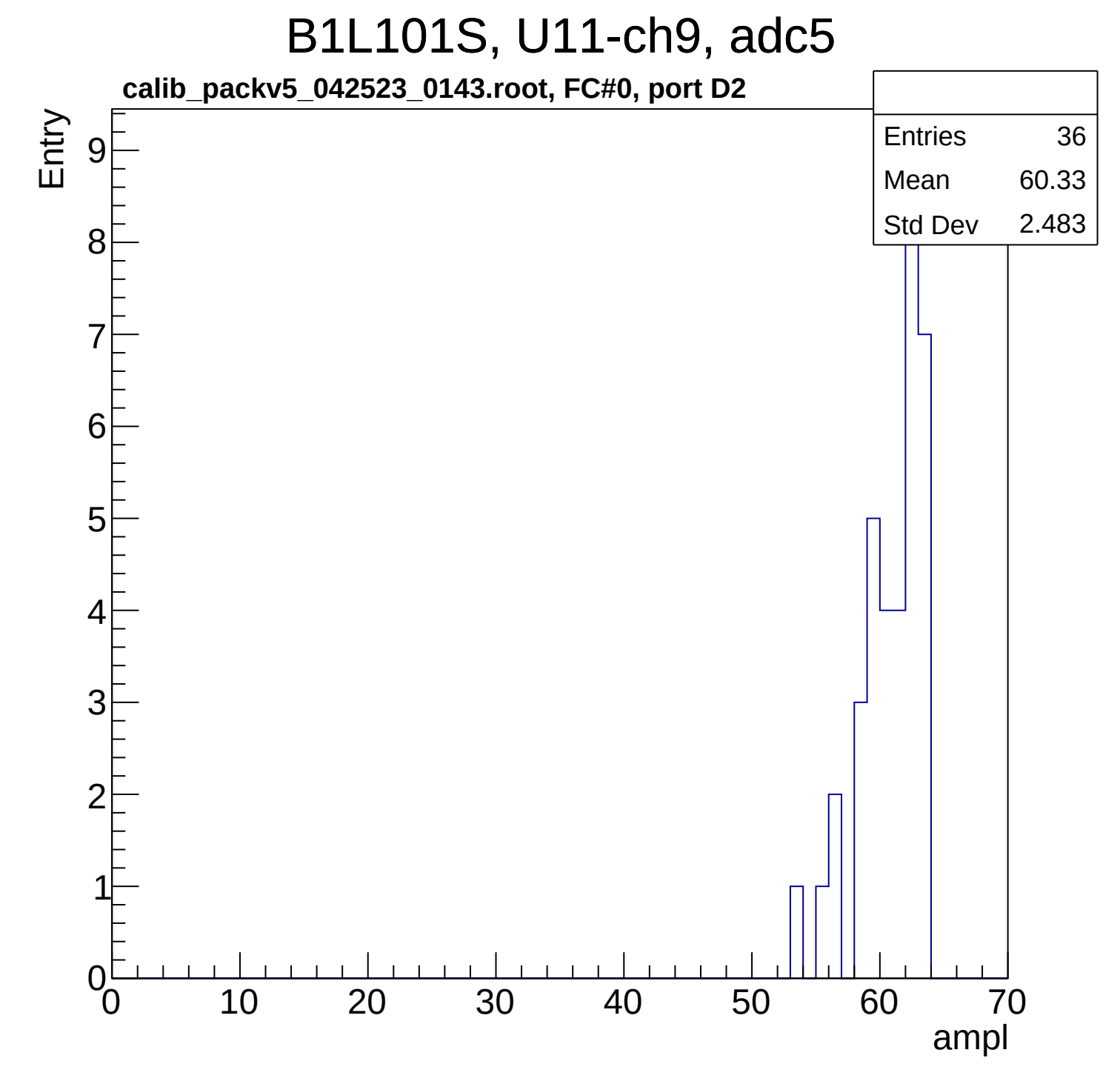
B1L101S, U11-ch9, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 36
Mean 60.33
Std Dev 2.483
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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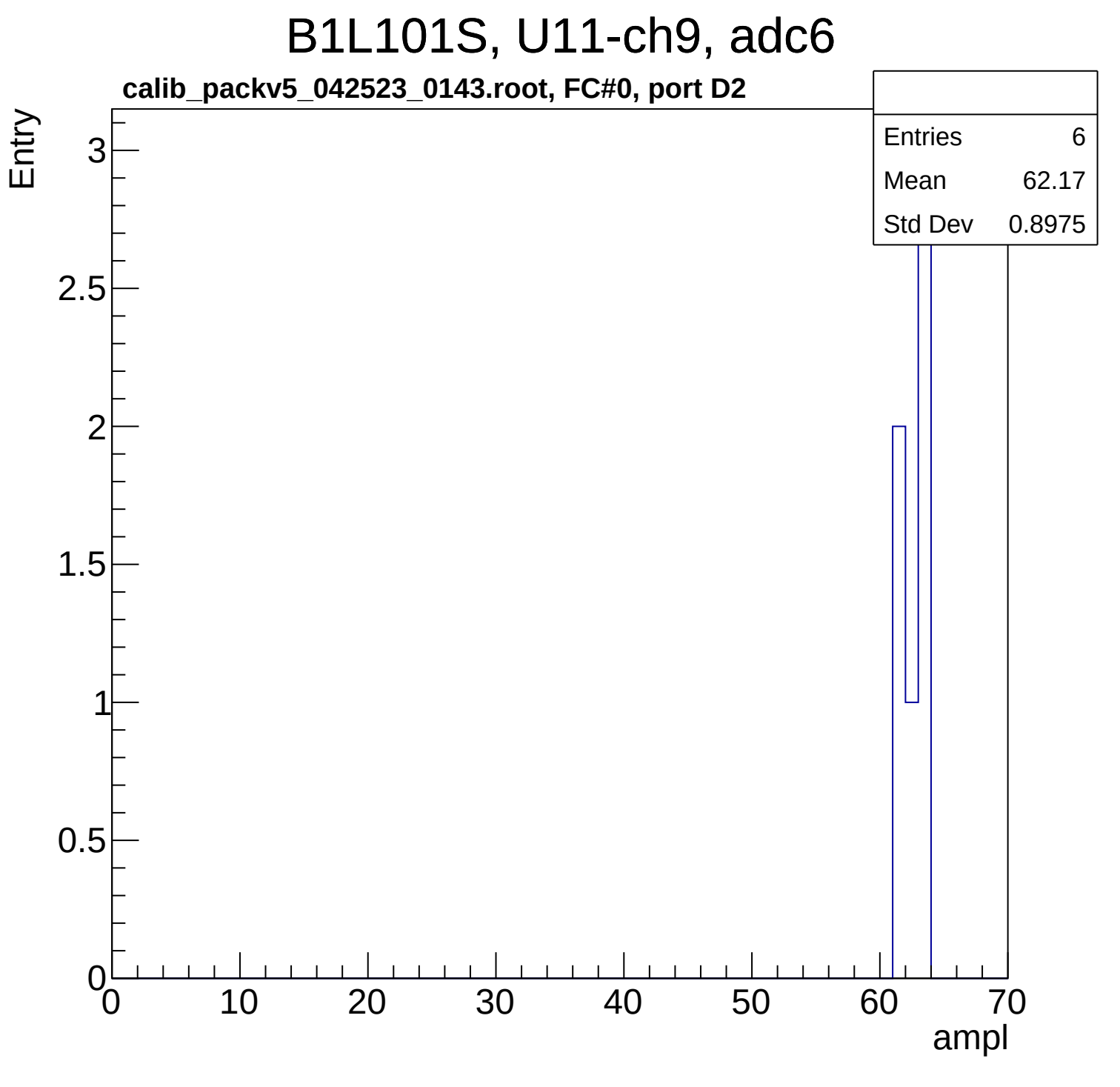
B1L101S, U11-ch9, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 6
Mean 62.17
Std Dev 0.8975
Entry
ampl
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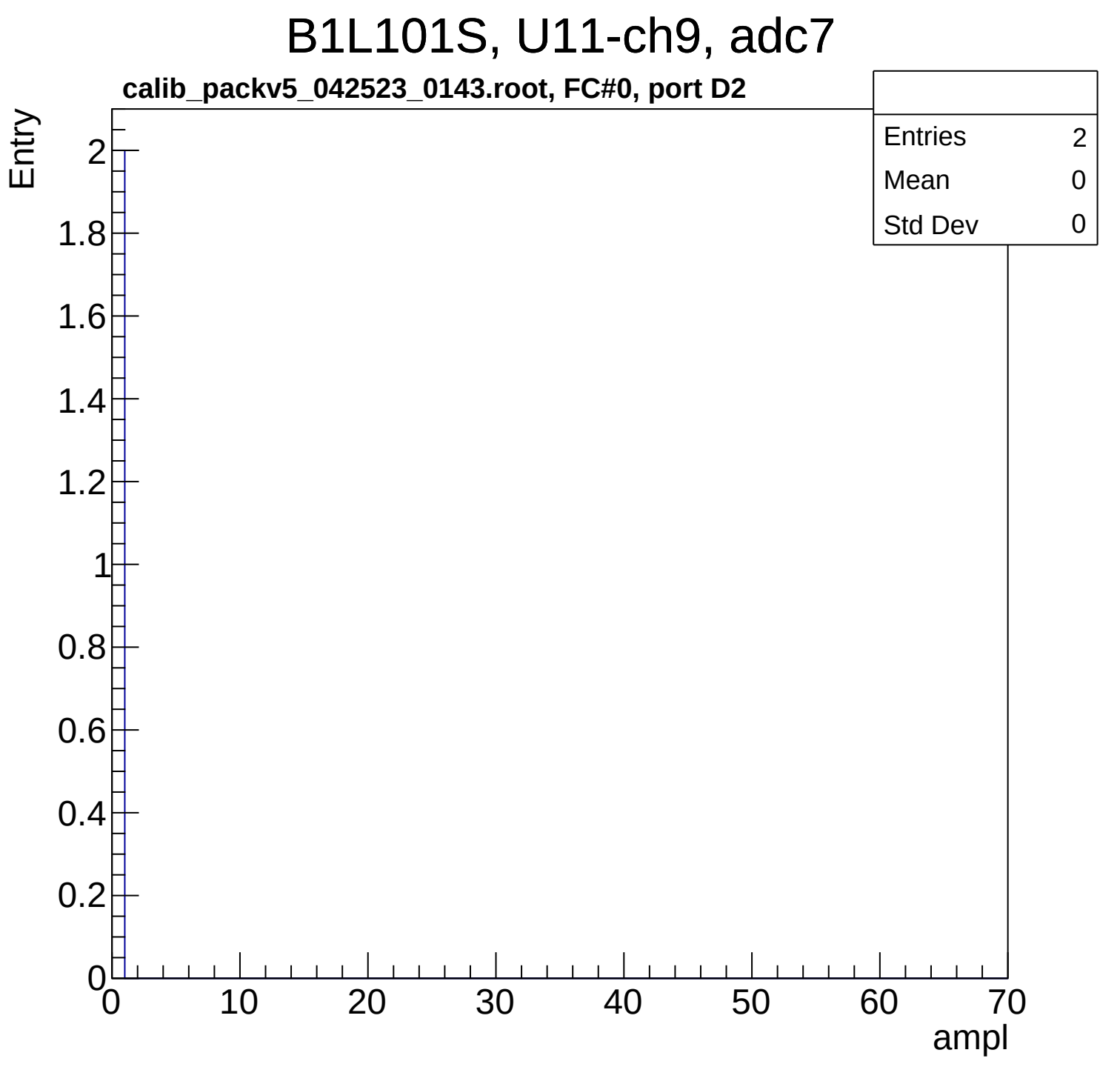
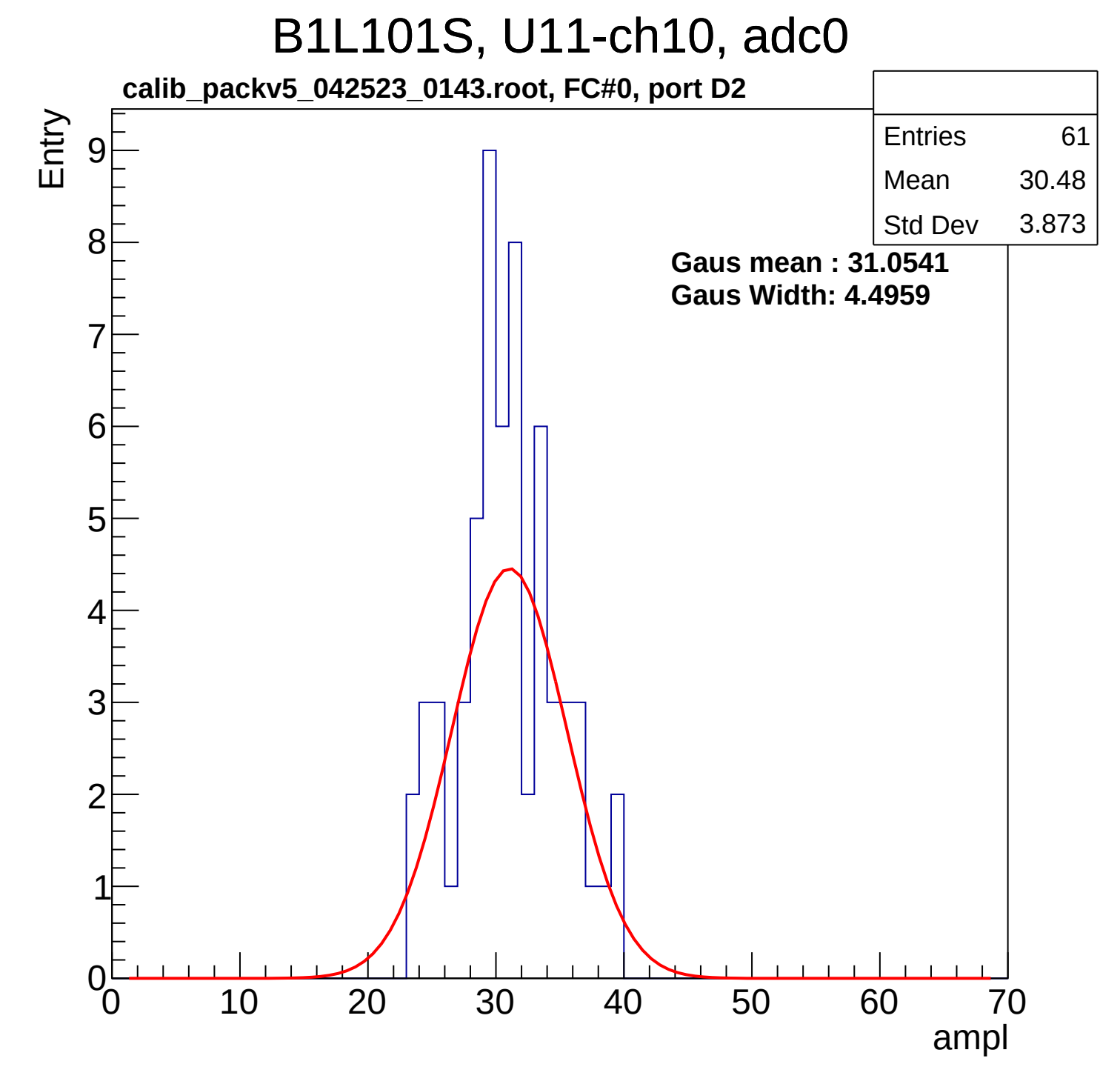
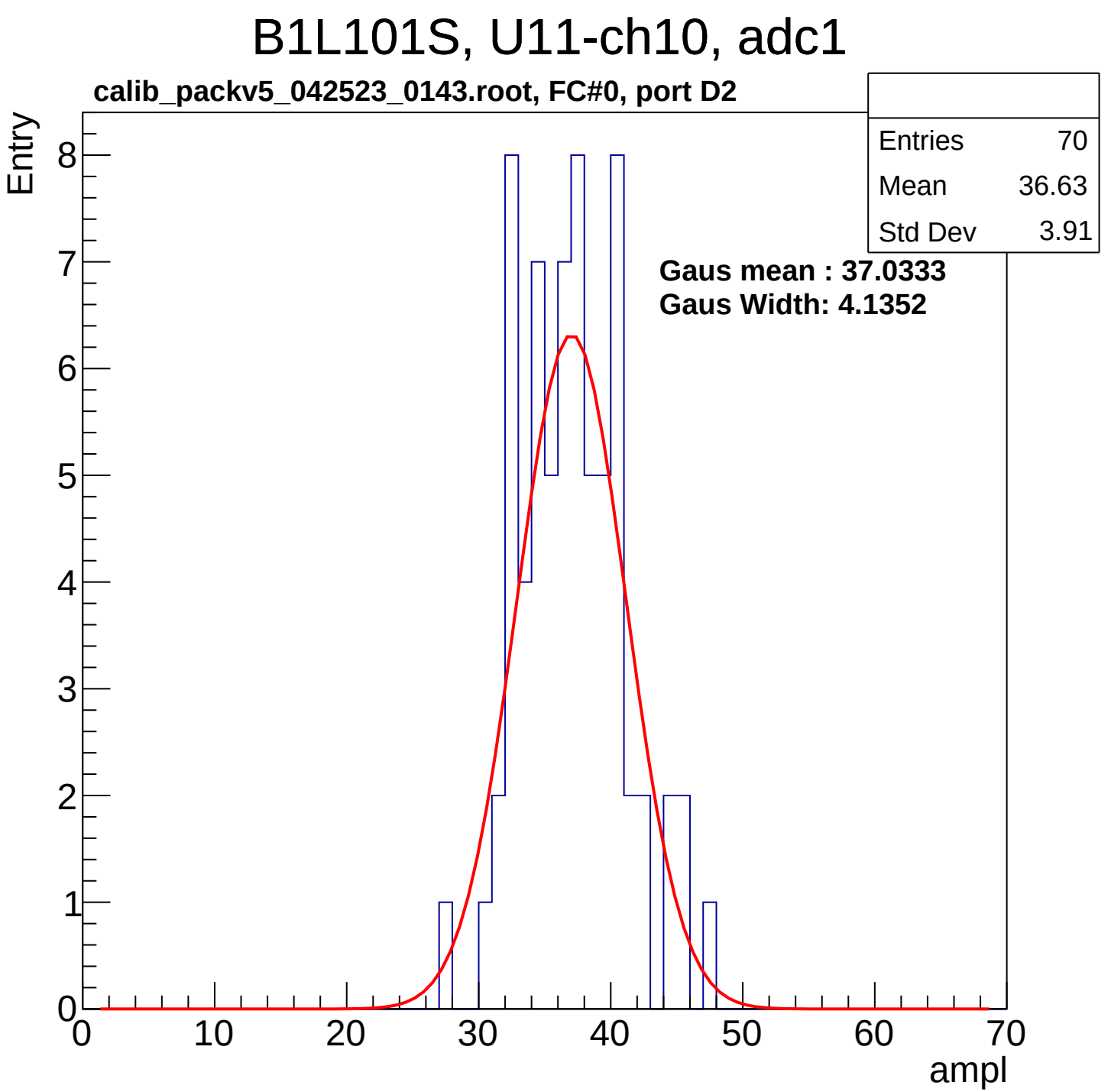
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L101S, U11-ch9, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch10, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 30.48
Std Dev 3.873
Gaus mean : 31.0541
Gaus Width: 4.4959
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch10, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 36.63
Std Dev 3.91
Gaus mean : 37.0333
Gaus Width: 4.1352
Entry
ampl
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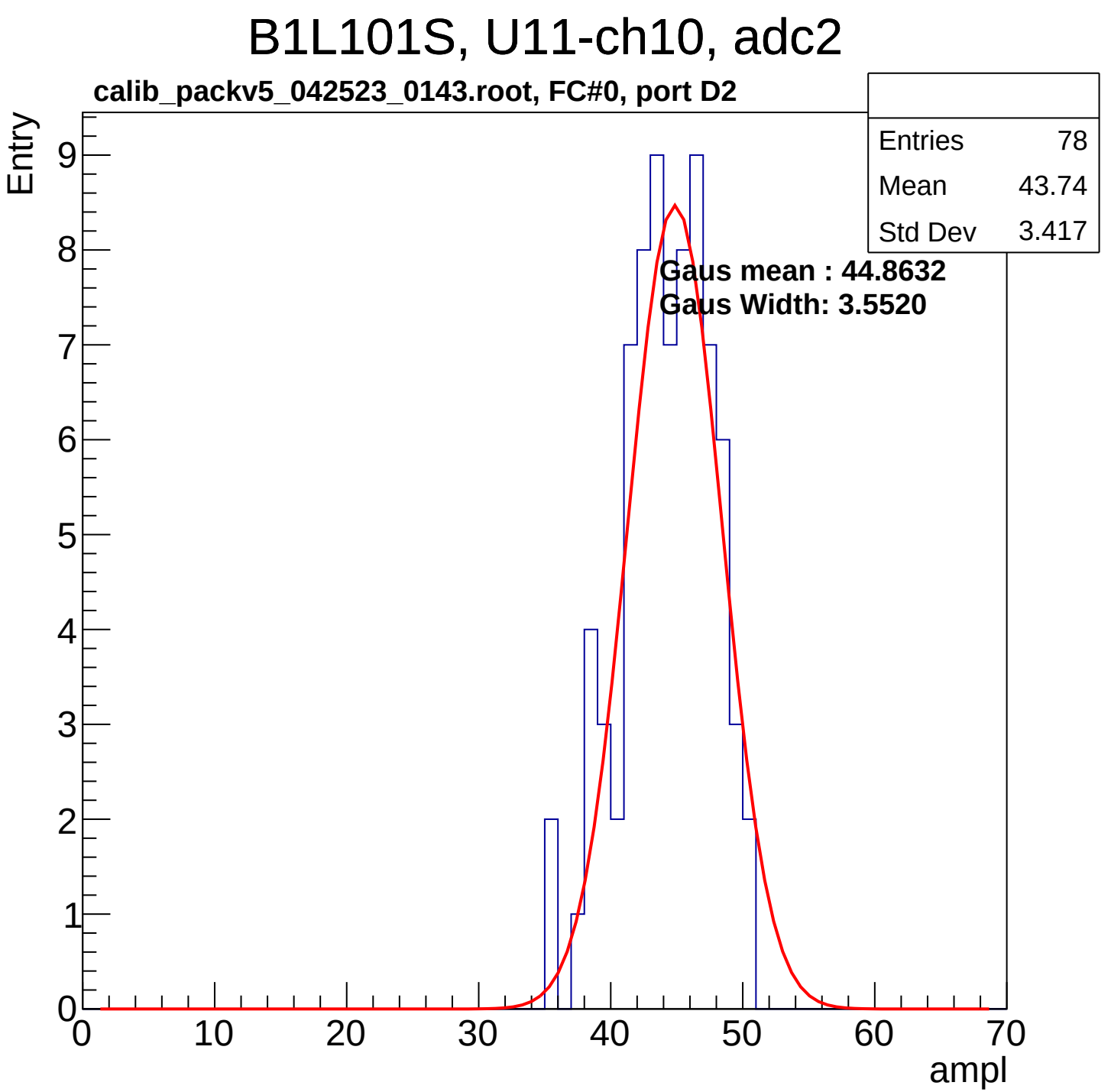
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch10, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 78
Mean 43.74
Std Dev 3.417
Gaus mean : 44.8632
Gaus Width: 3.5520
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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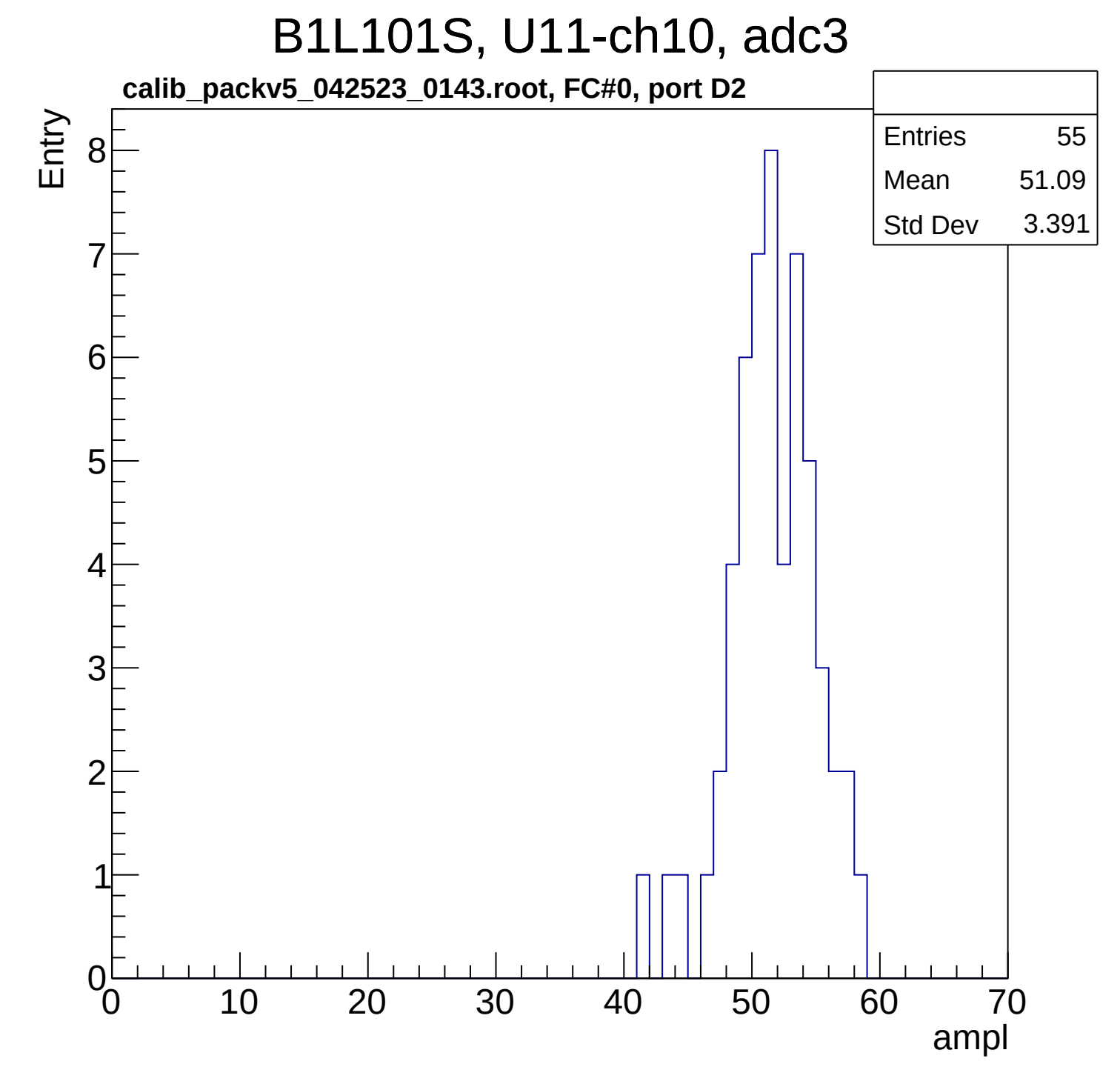
B1L101S, U11-ch10, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 51.09
Std Dev 3.391
Entry
ampl
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4
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6
7
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0
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40
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60
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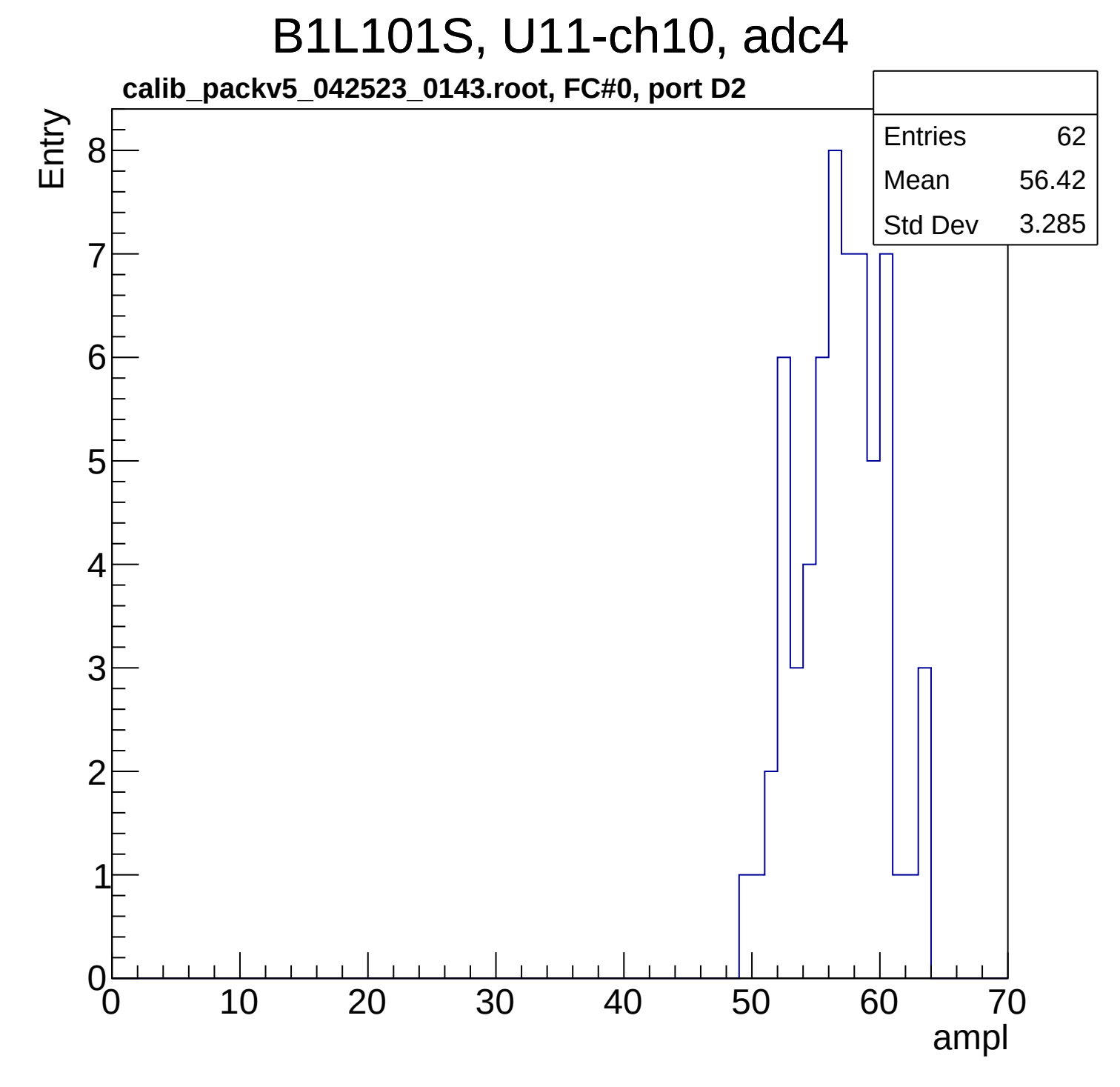
B1L101S, U11-ch10, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 56.42
Std Dev 3.285
Entry
ampl
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1
2
3
4
5
6
7
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0
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60
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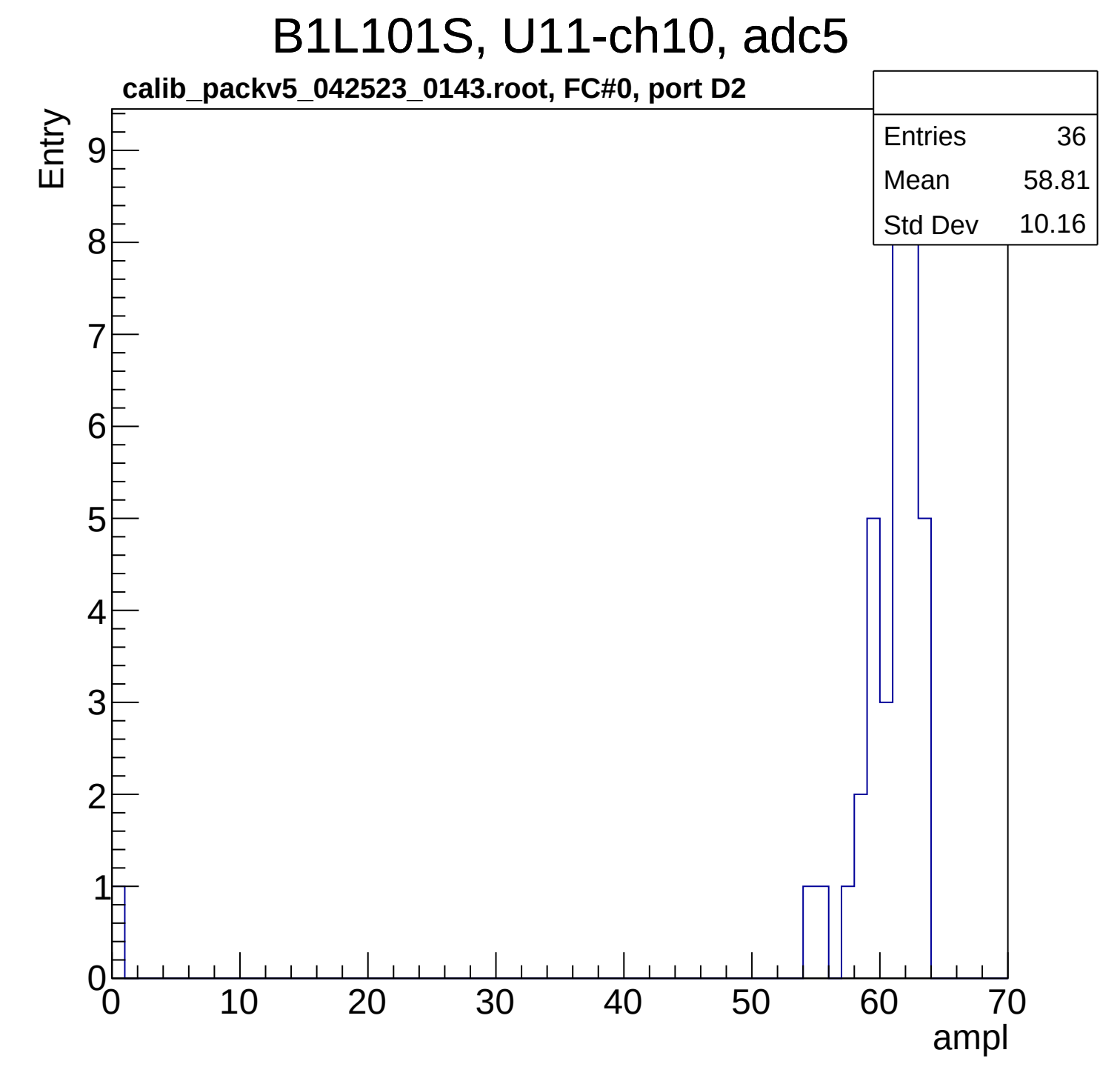
B1L101S, U11-ch10, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 36
Mean 58.81
Std Dev 10.16
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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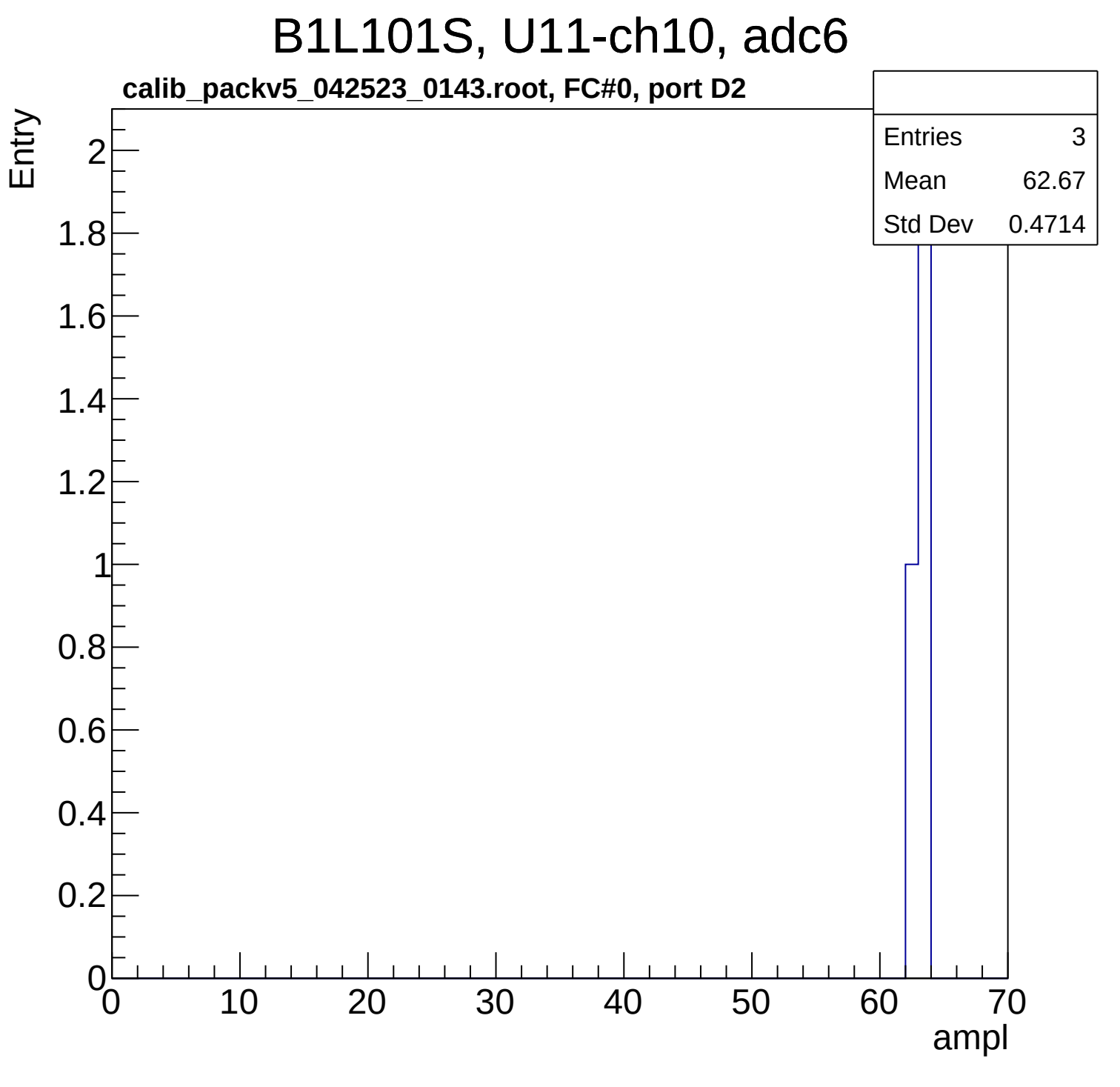
B1L101S, U11-ch10, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 62.67
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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30
40
50
60
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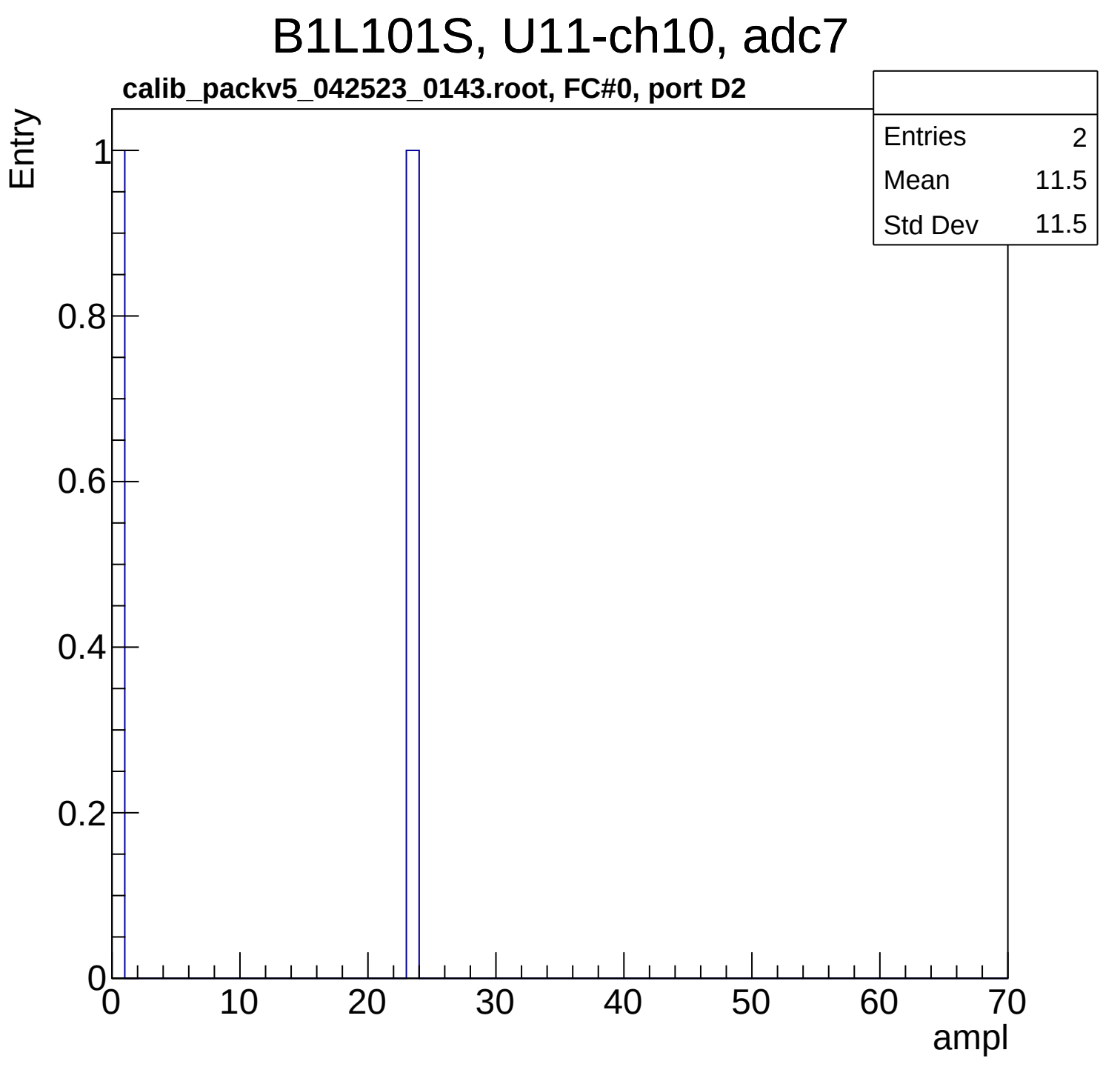
B1L101S, U11-ch10, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 11.5
Std Dev 11.5
Entry
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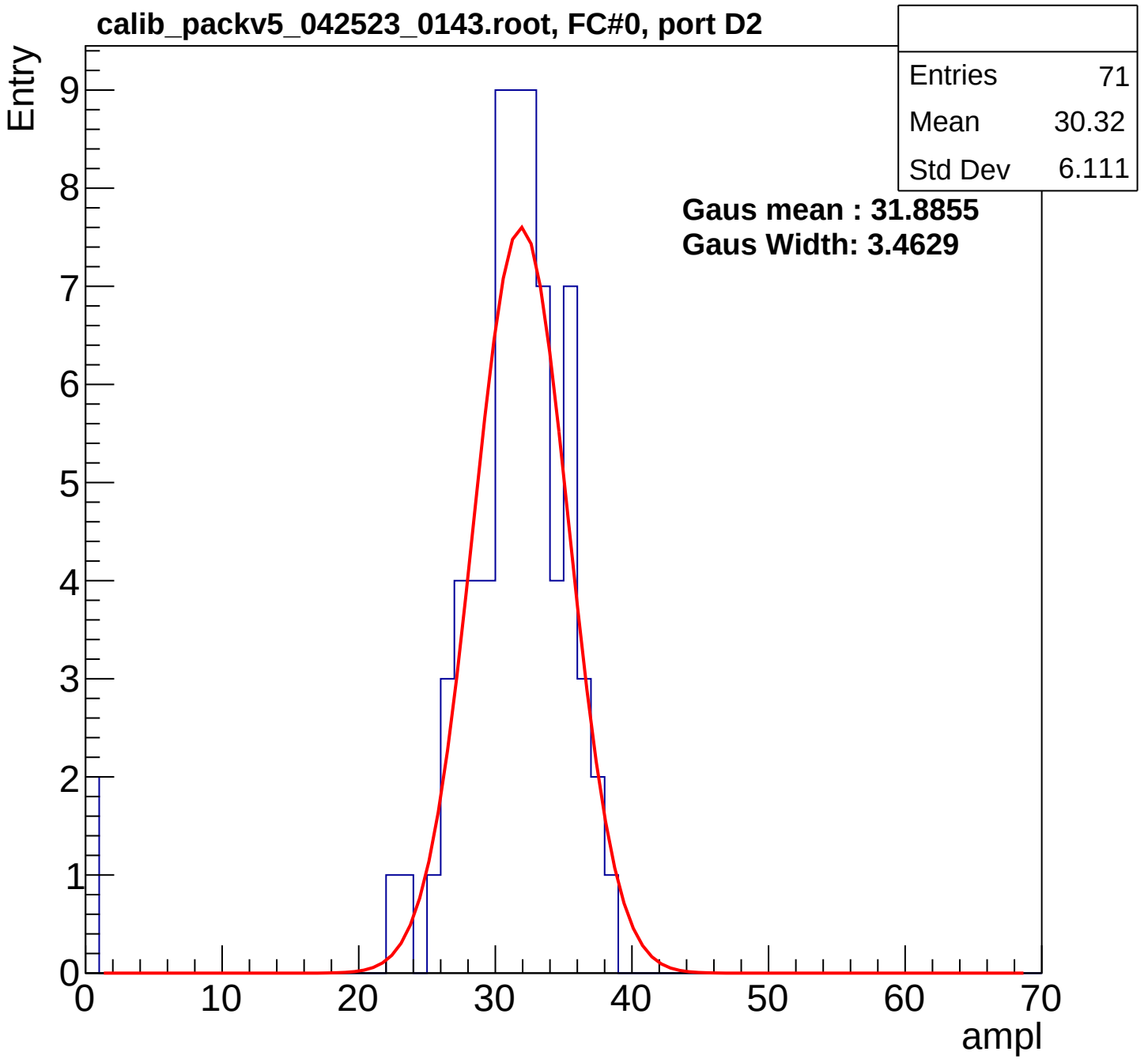
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch11, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 30.32
Std Dev 6.111
Gaus mean : 31.8855
Gaus Width: 3.4629
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
50
60
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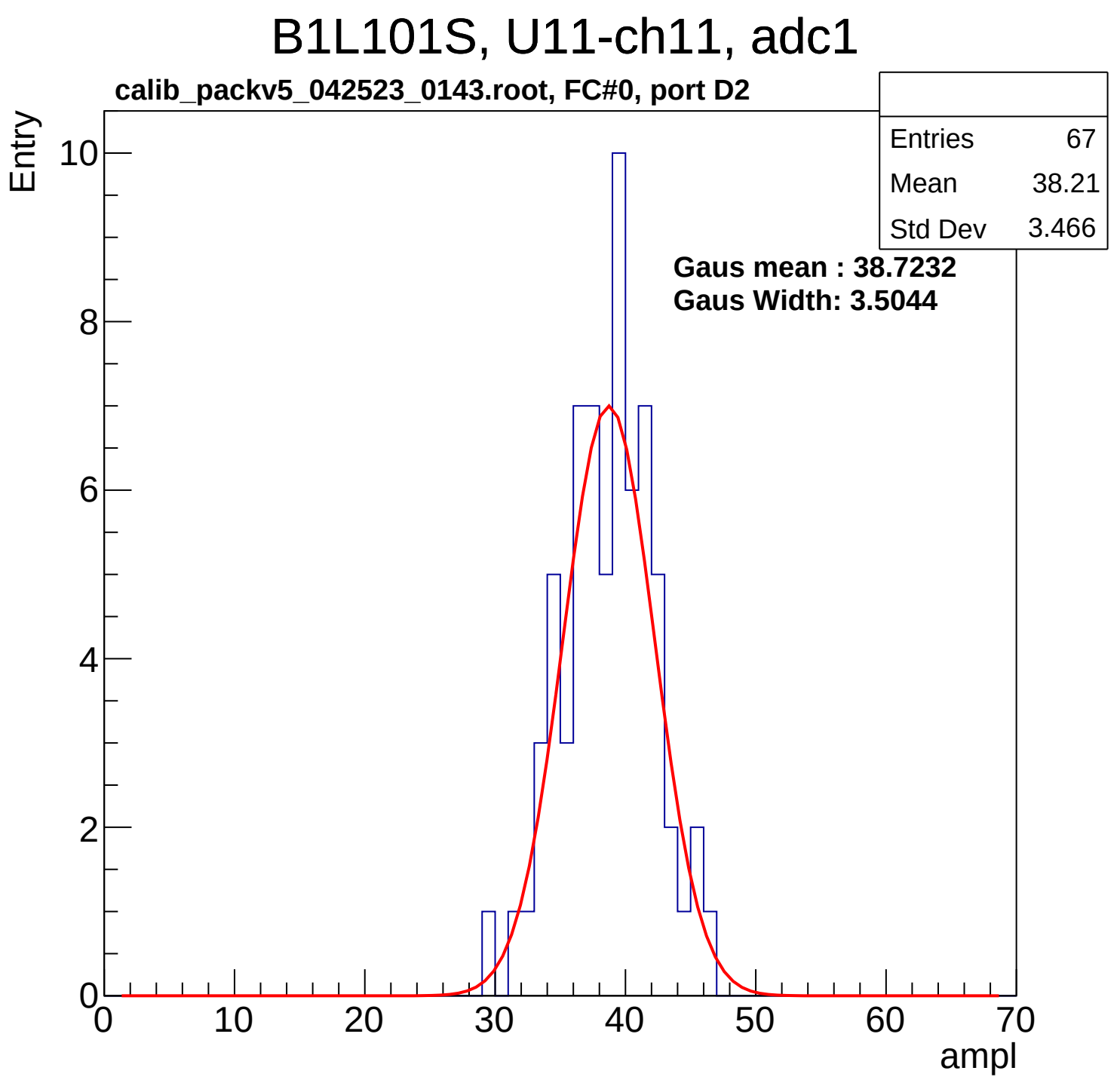
B1L101S, U11-ch11, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 38.21
Std Dev 3.466
Gaus mean : 38.7232
Gaus Width: 3.5044
Entry
ampl
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2
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8
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0
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20
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40
50
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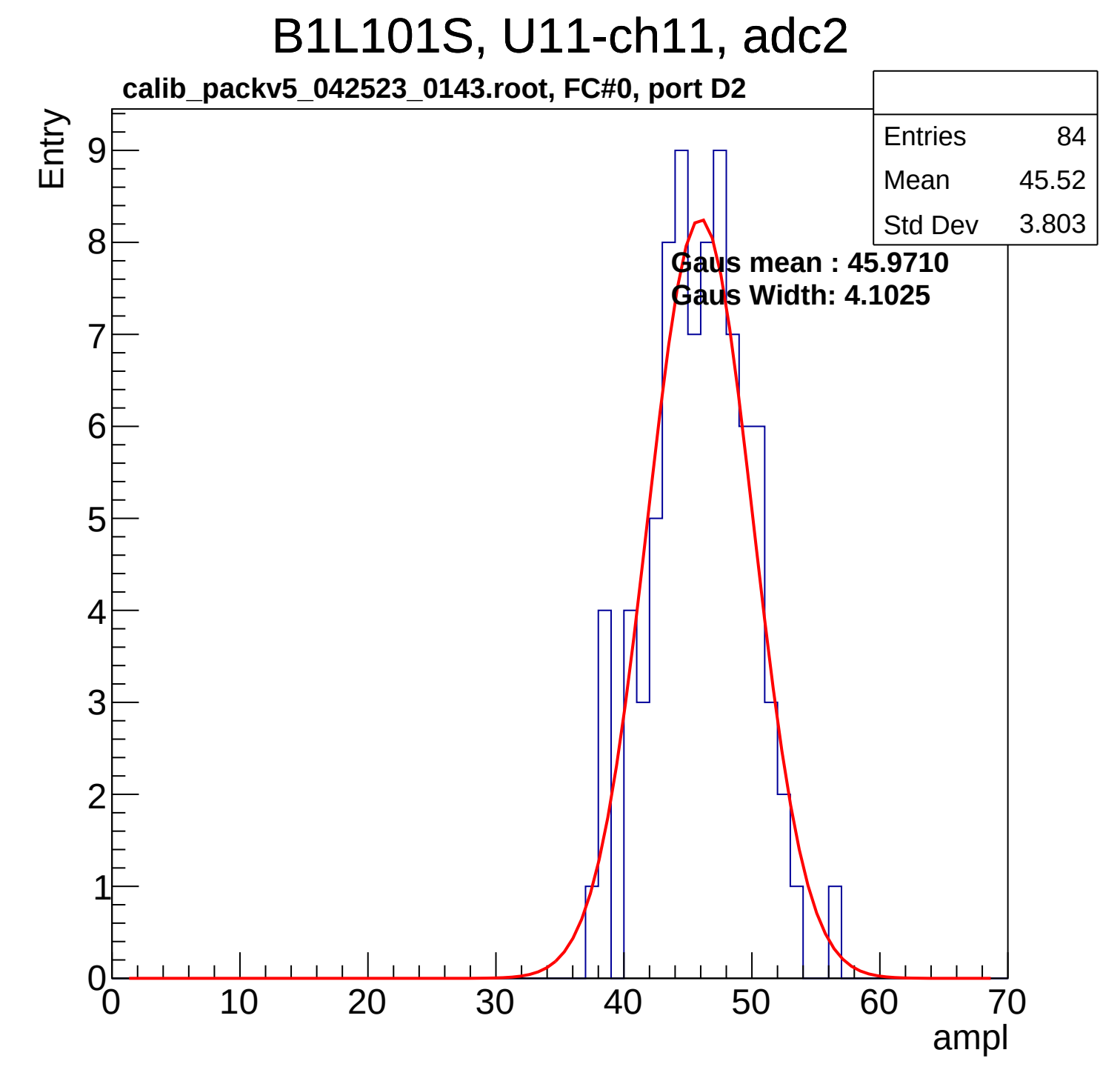
B1L101S, U11-ch11, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 84
Mean 45.52
Std Dev 3.803
Gaus mean : 45.9710
Gaus Width: 4.1025
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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40
50
60
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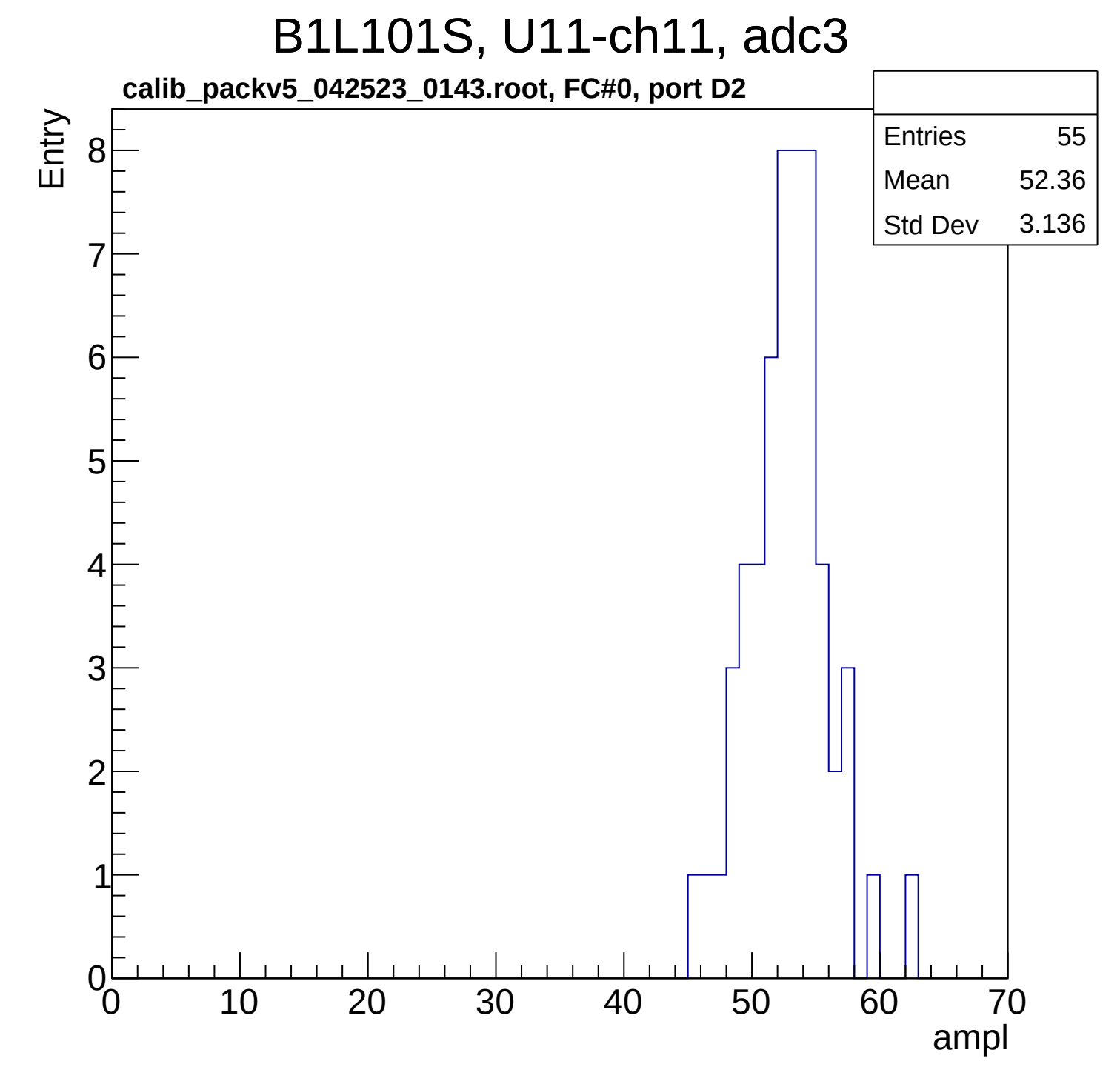
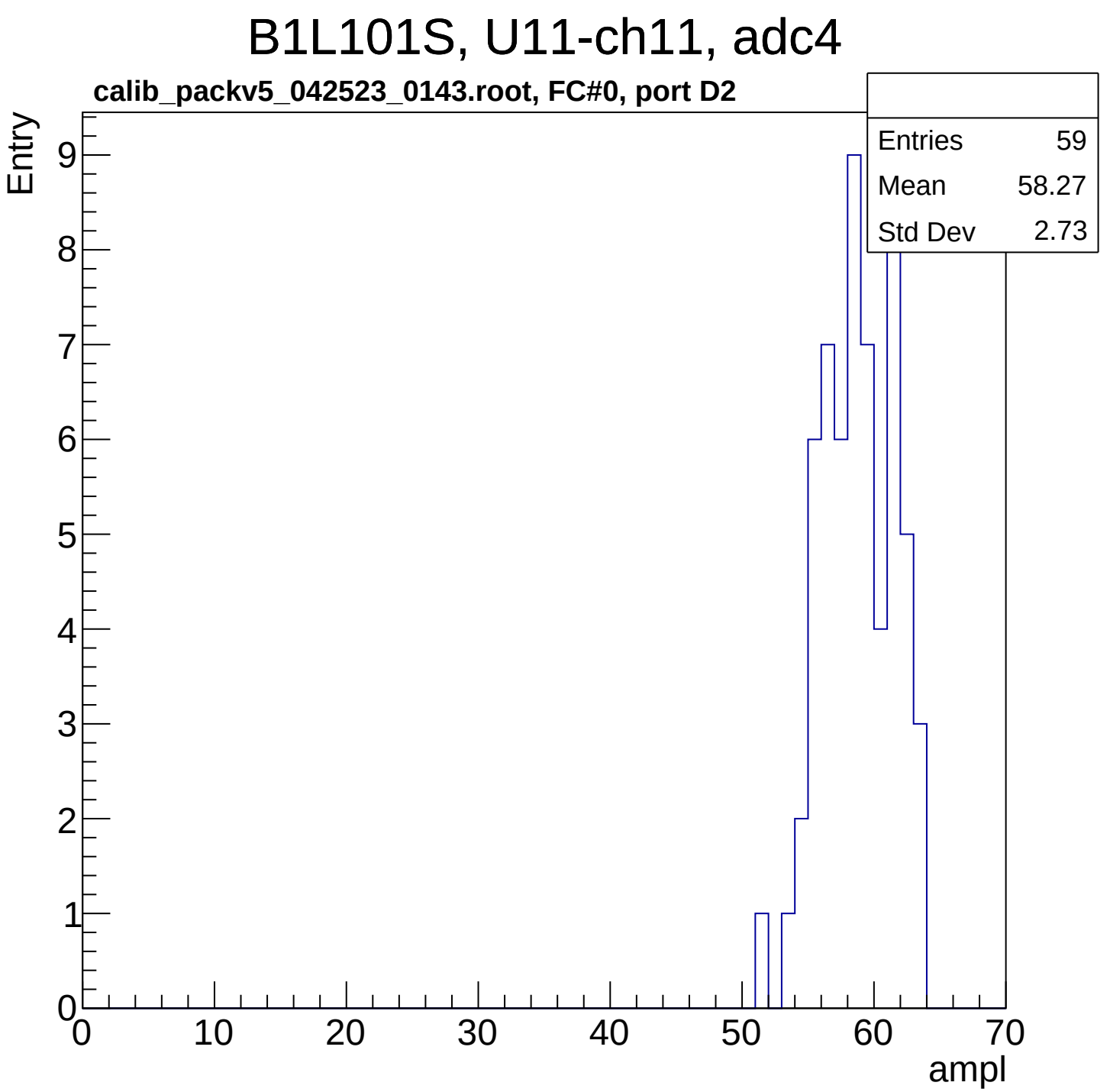

B1L101S, U11-ch11, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 52.36
Std Dev 3.136
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch11, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 58.27
Std Dev 2.73
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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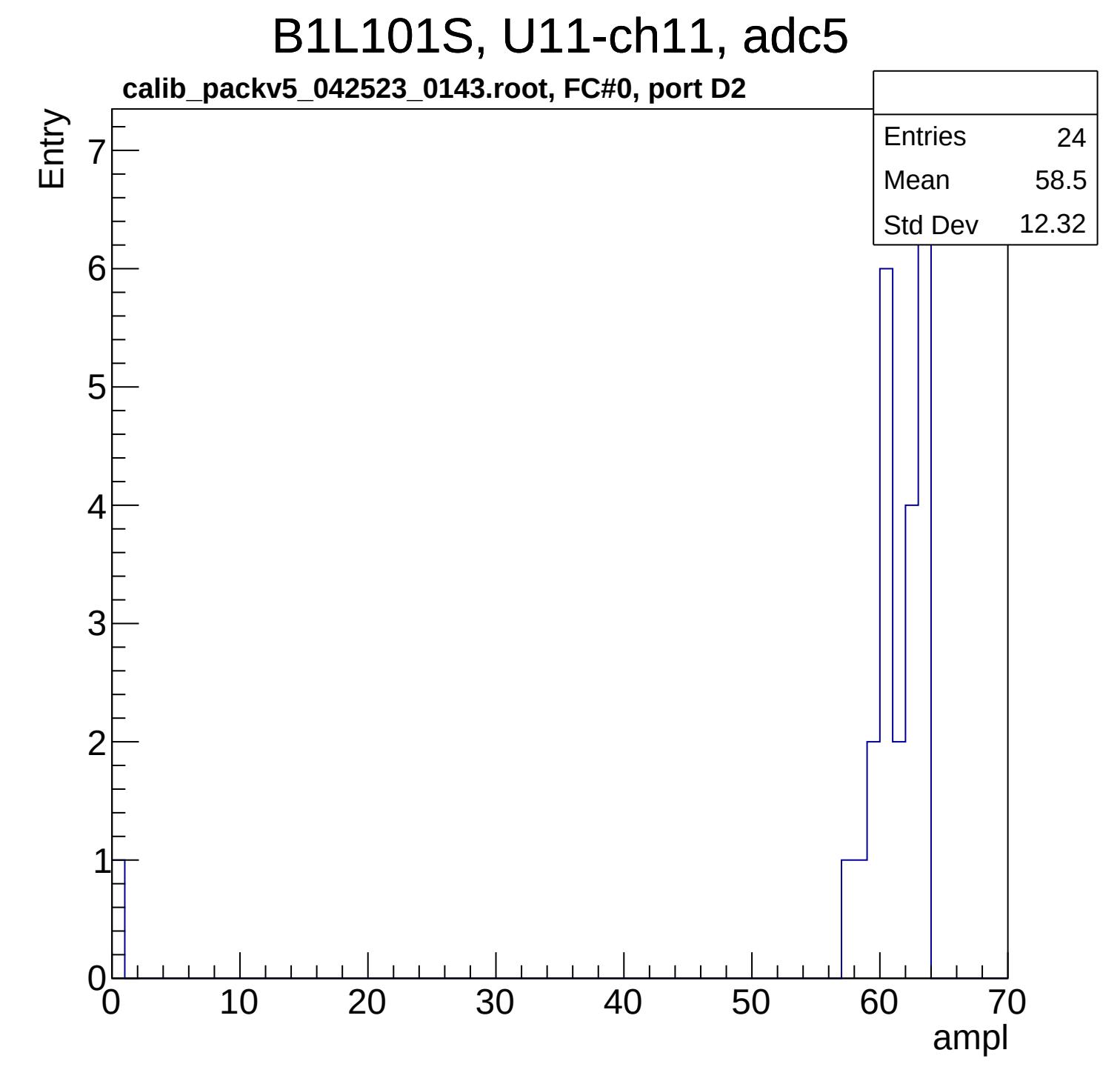
B1L101S, U11-ch11, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 24
Mean 58.5
Std Dev 12.32
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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40
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60
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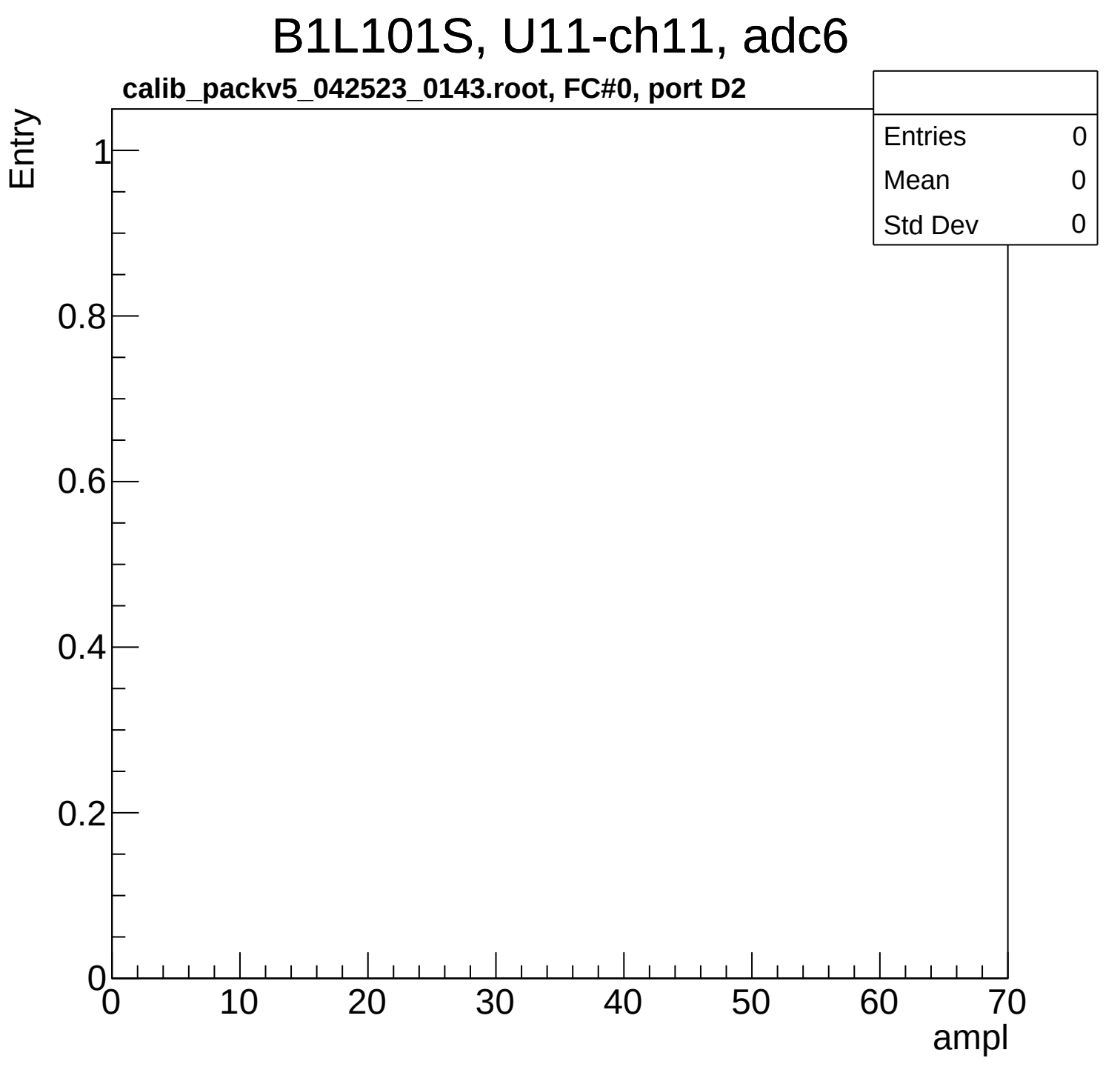
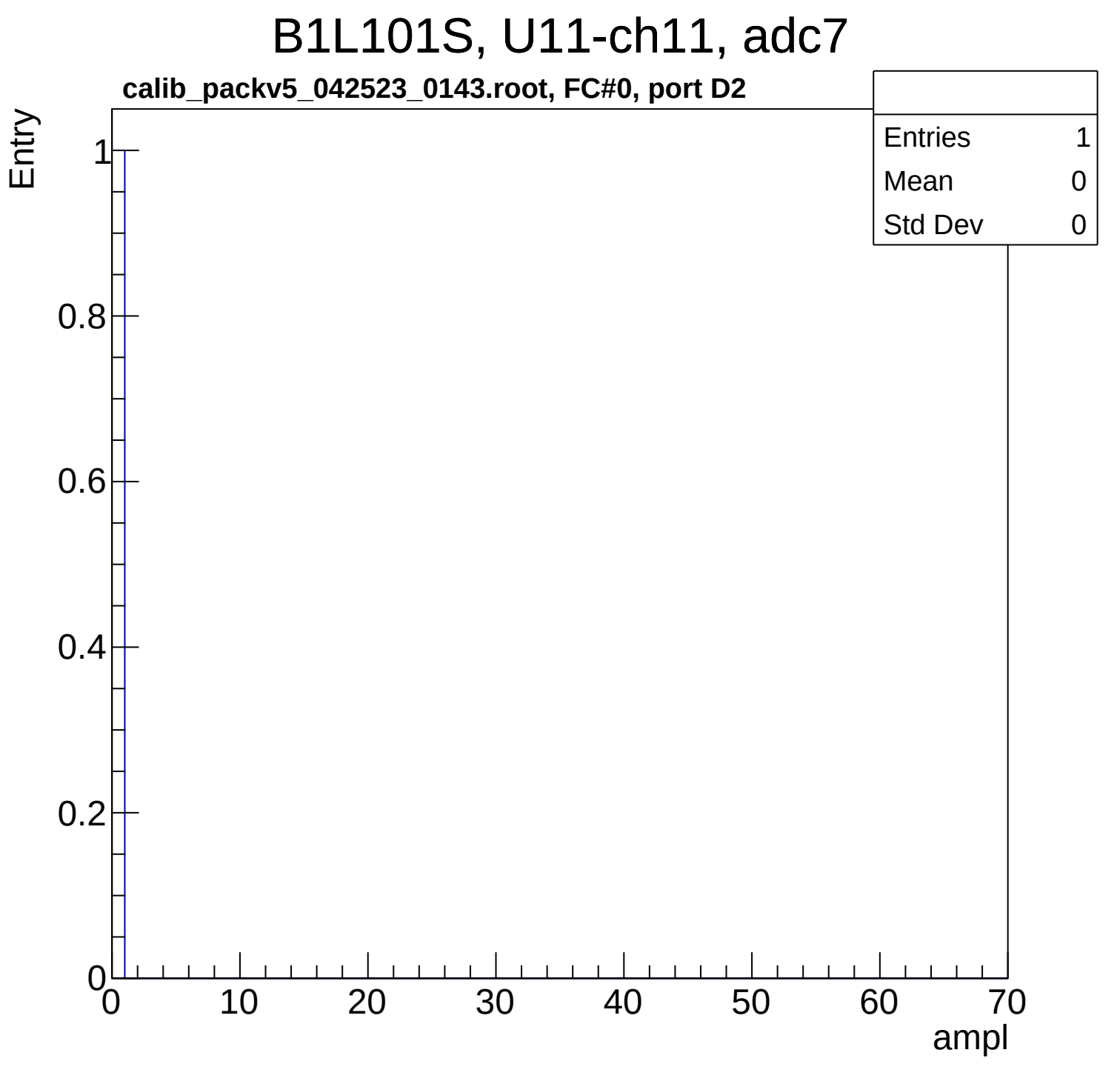

B1L101S, U11-ch11, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch11, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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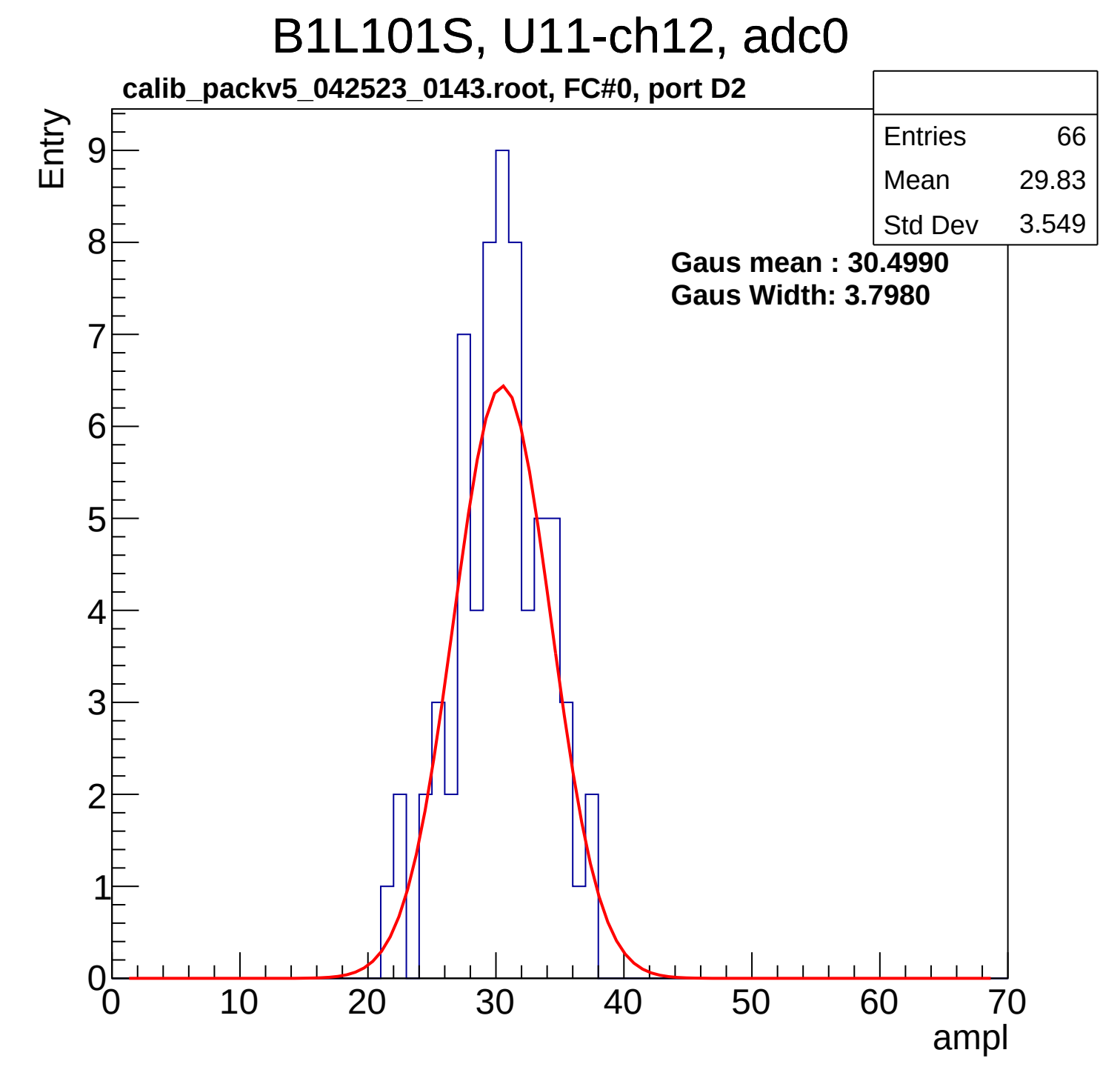
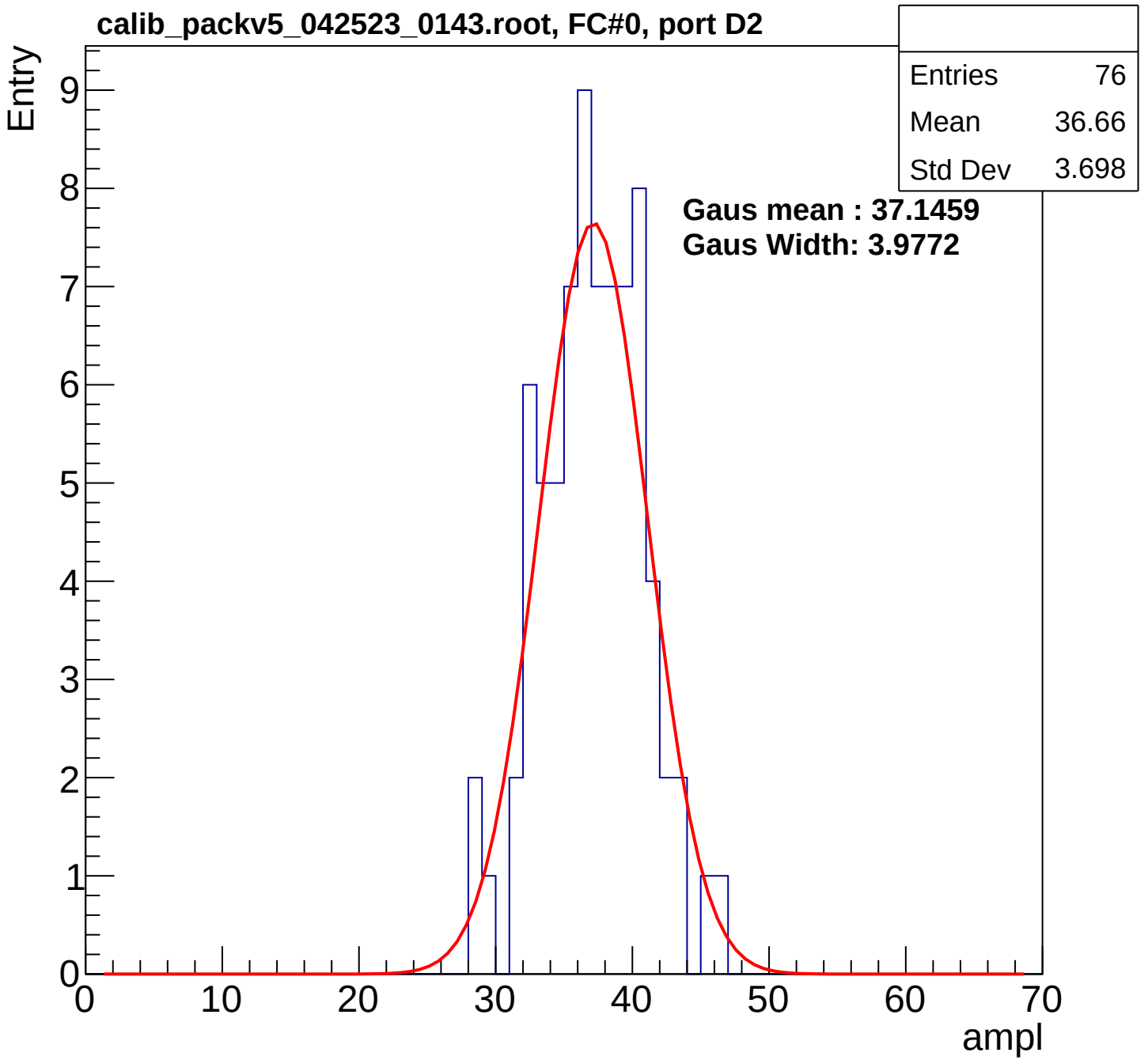
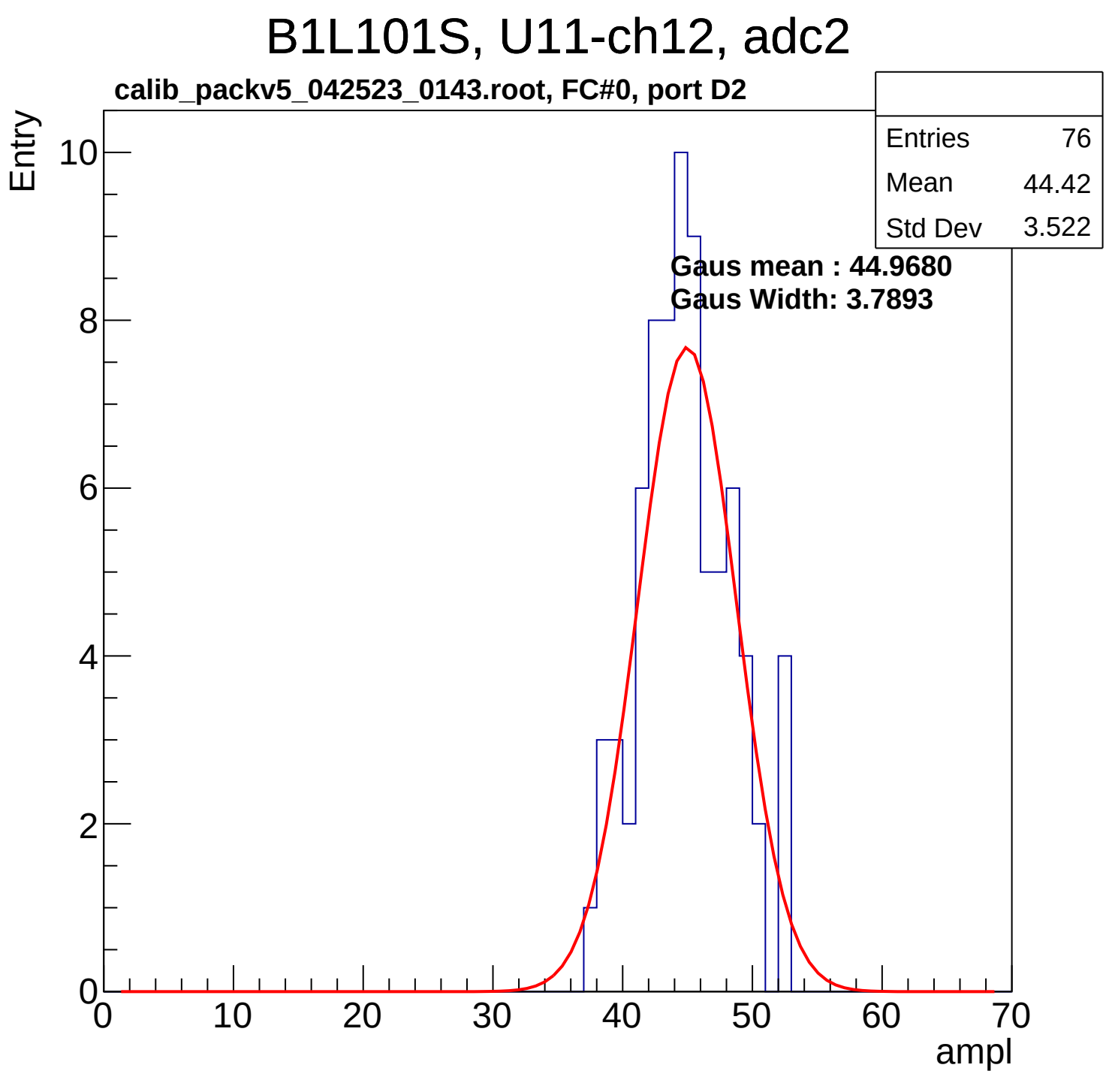
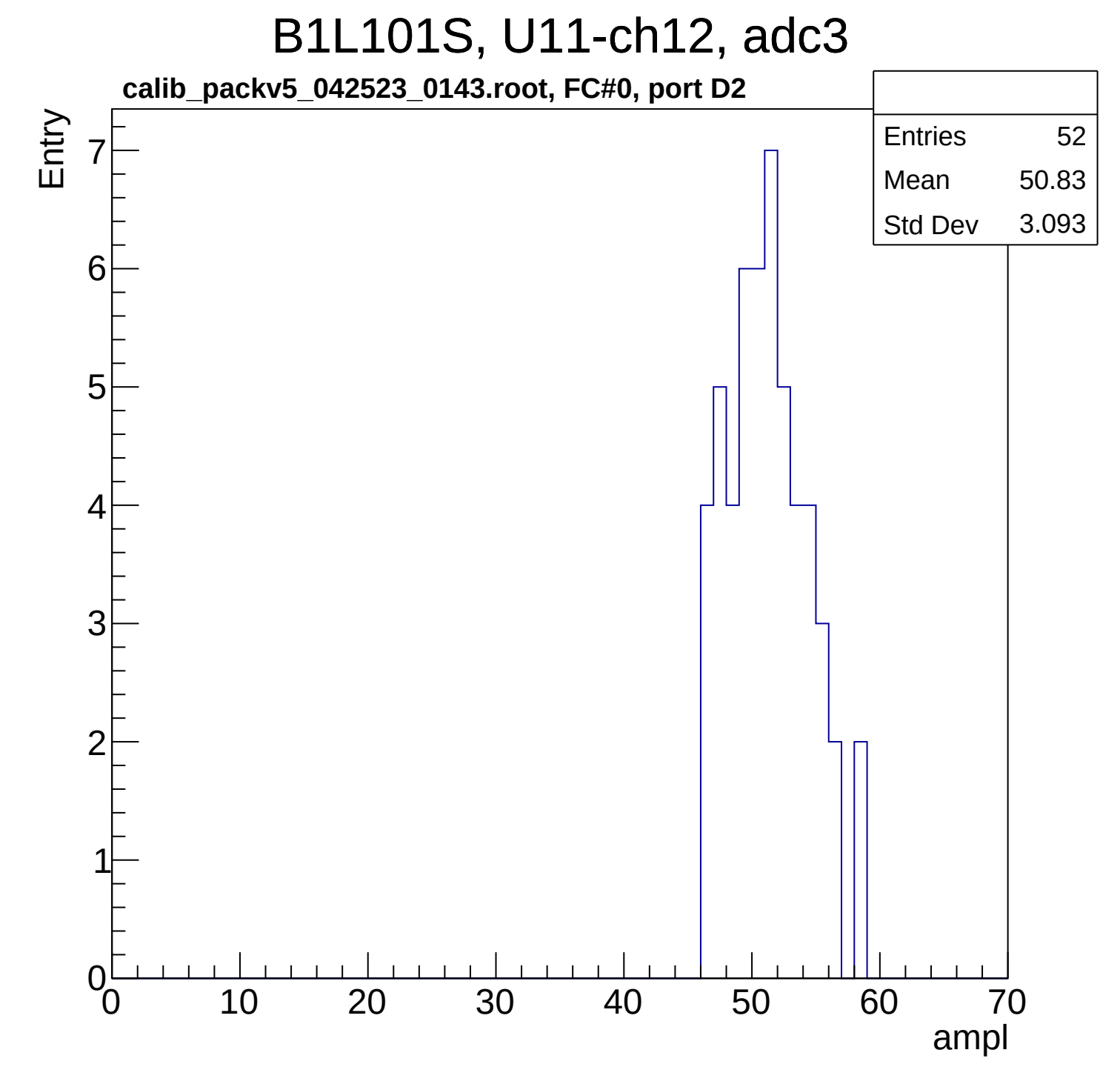
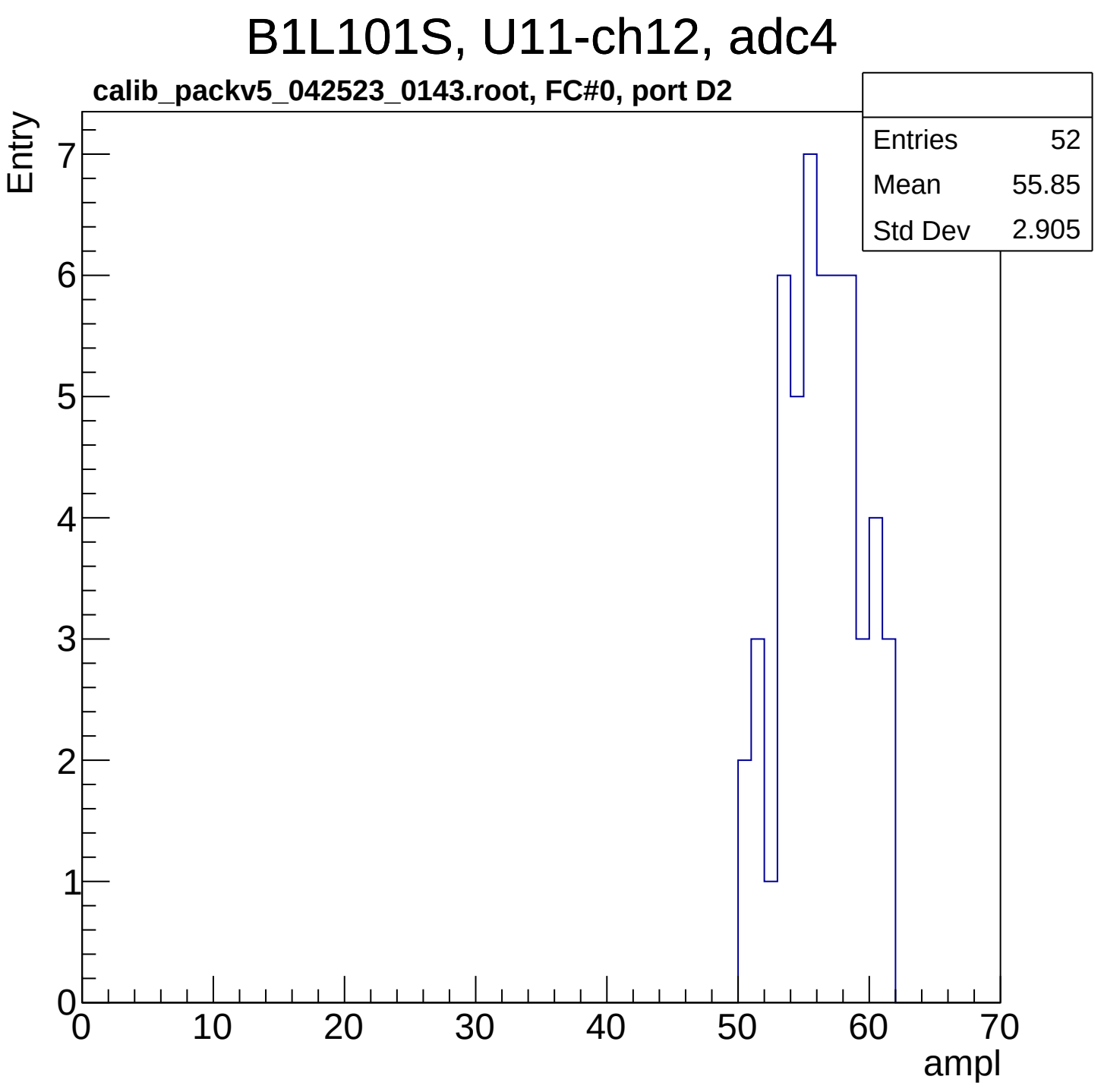
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

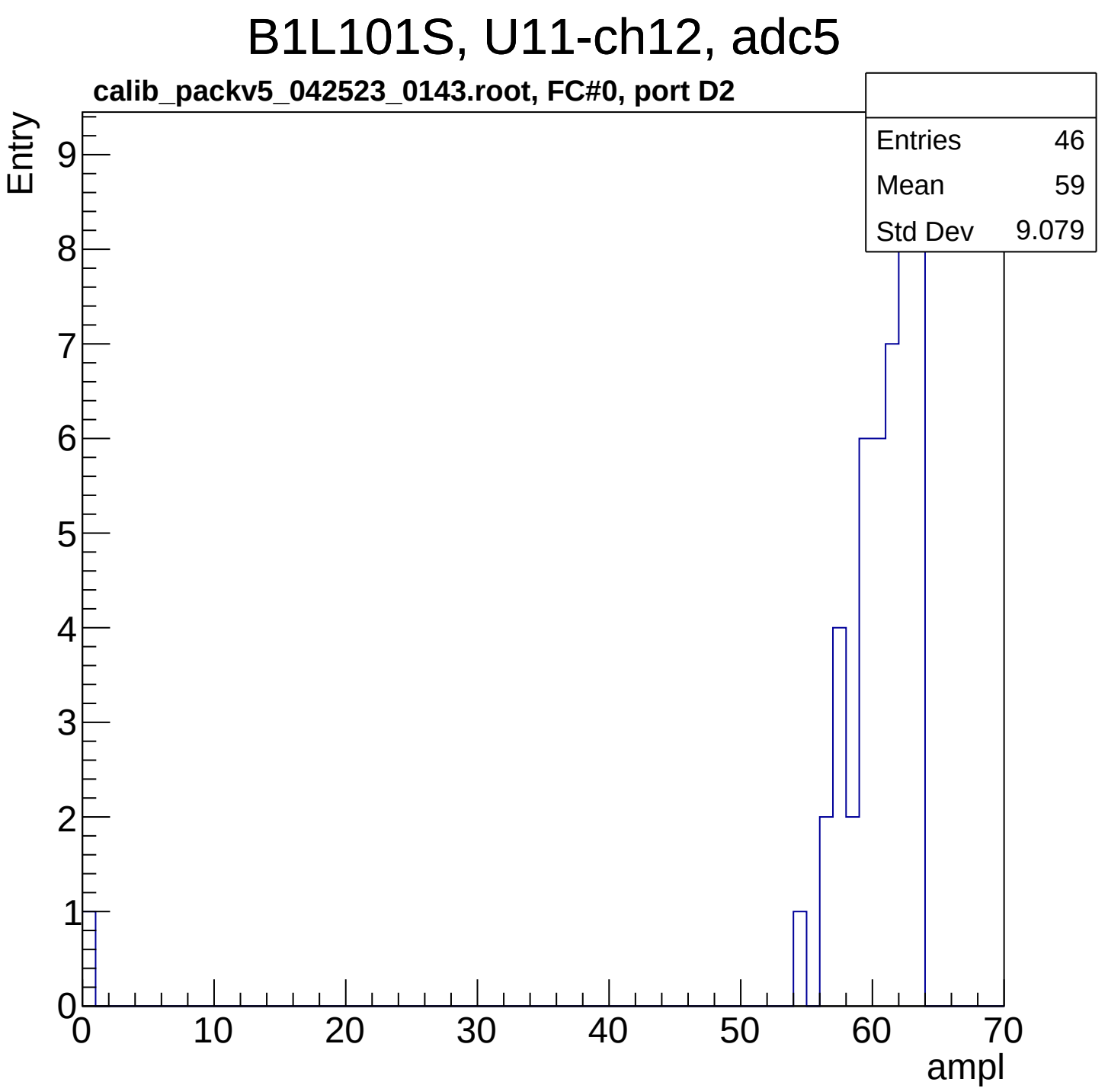

B1L101S, U11-ch12, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 29.83
Std Dev 3.549
Gaus mean : 30.4990
Gaus Width: 3.7980
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

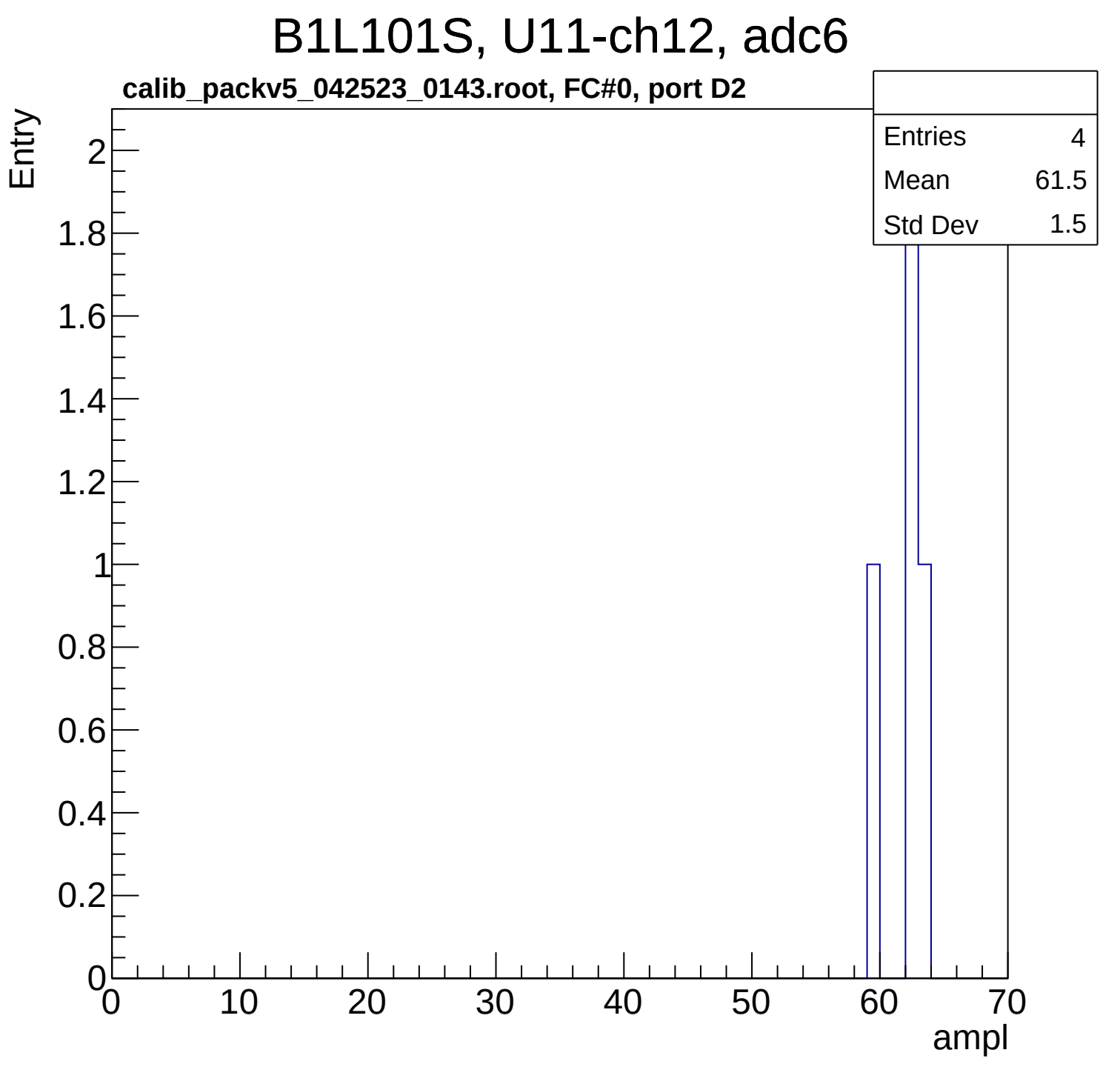

B1L101S, U11-ch12, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 36.66
Std Dev 3.698
Gaus mean : 37.1459
Gaus Width: 3.9772
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

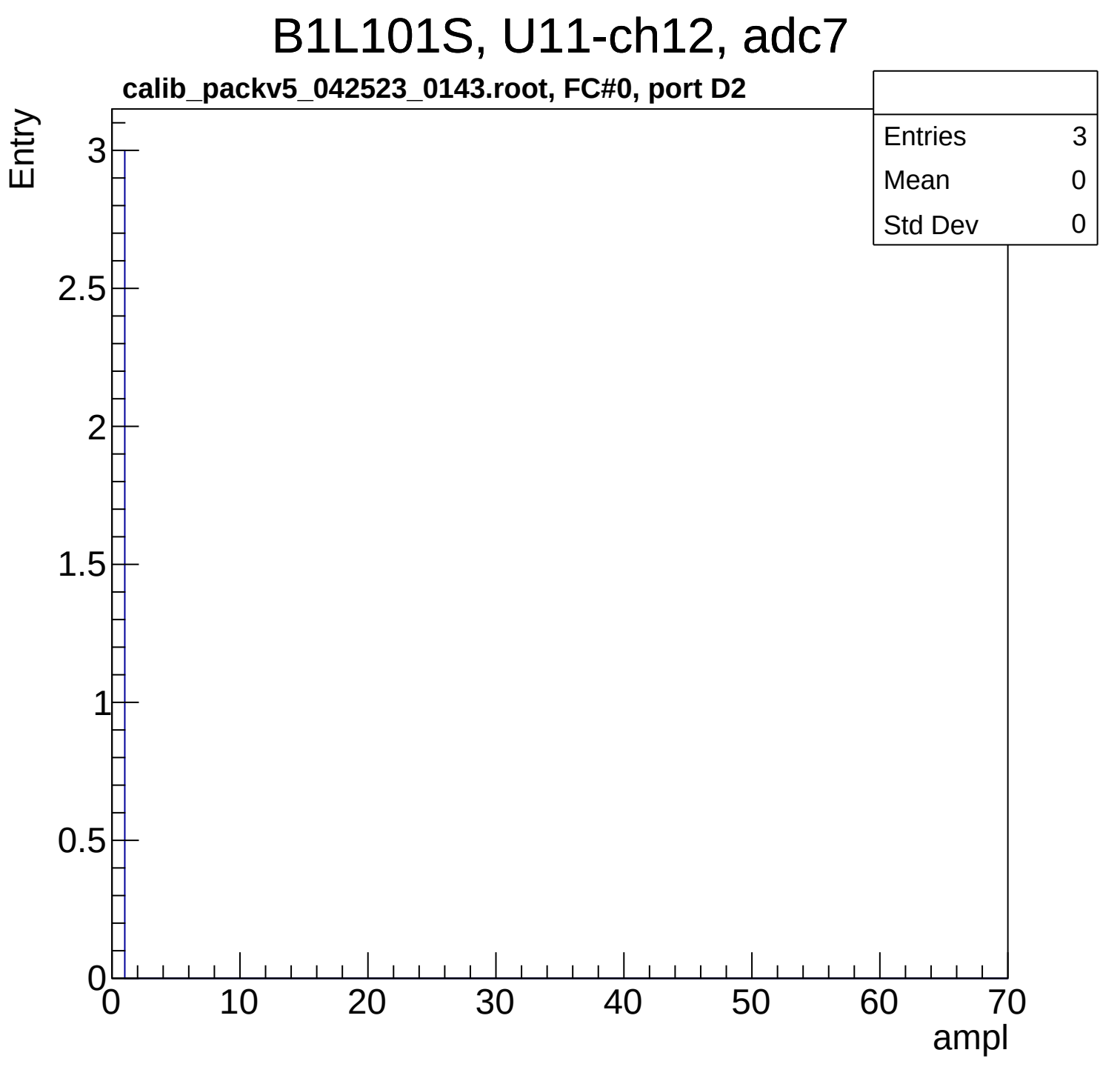

B1L101S, U11-ch12, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 44.42
Std Dev 3.522
Gaus mean : 44.9680
Gaus Width: 3.7893
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

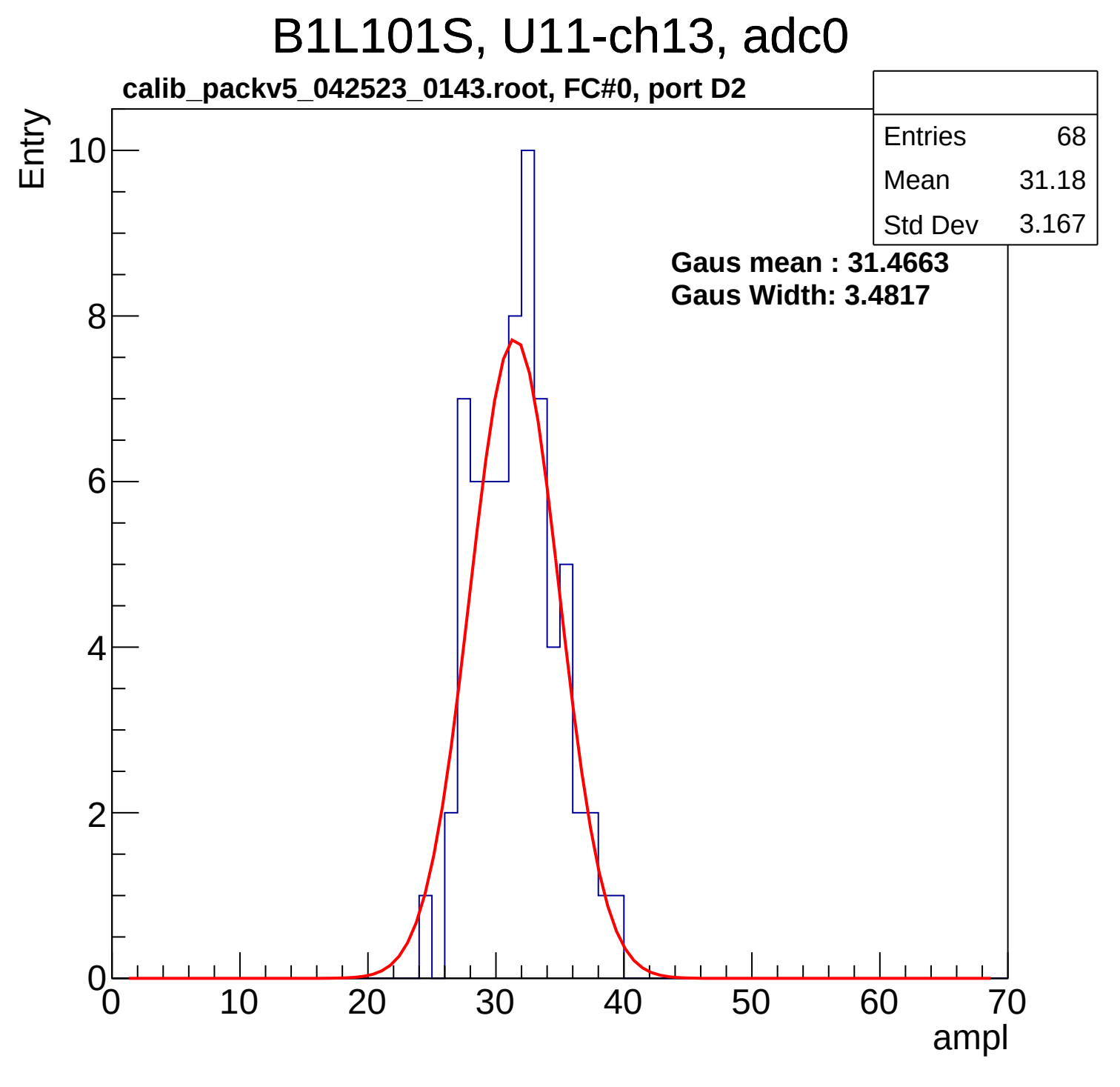

B1L101S, U11-ch12, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 50.83
Std Dev 3.093
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

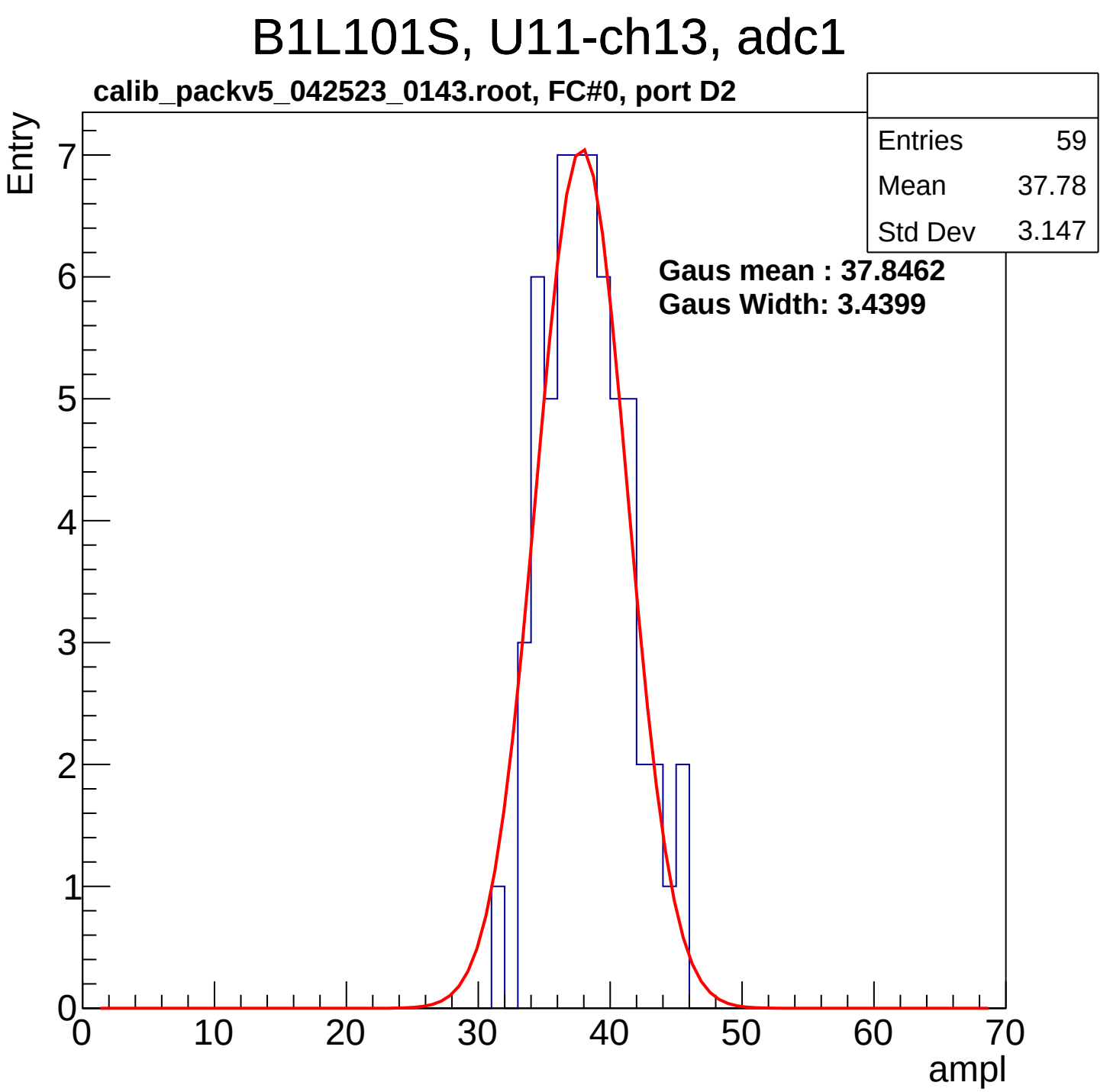

B1L101S, U11-ch12, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 55.85
Std Dev 2.905
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

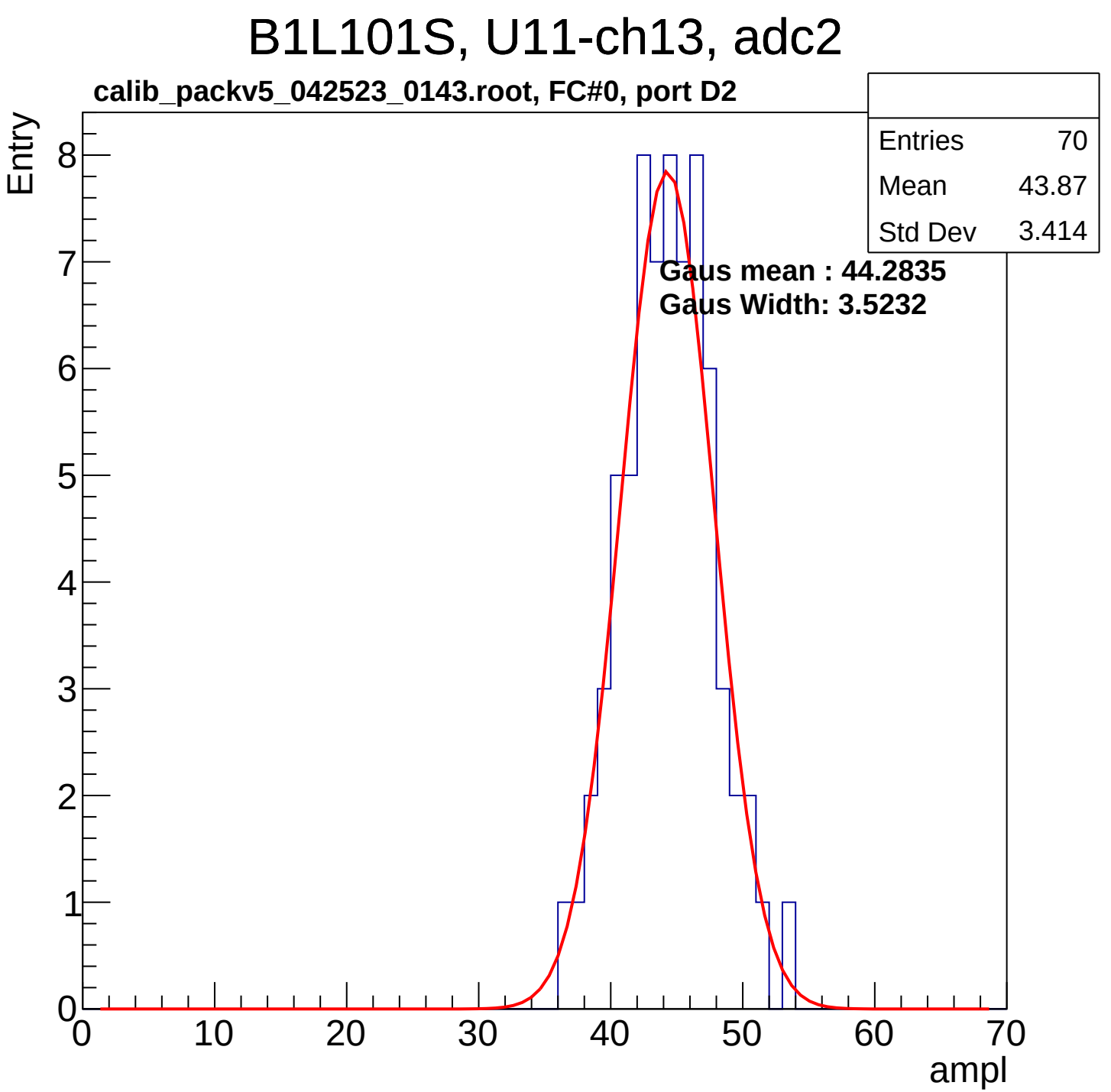

B1L101S, U11-ch12, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 46
Mean 59
Std Dev 9.079
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

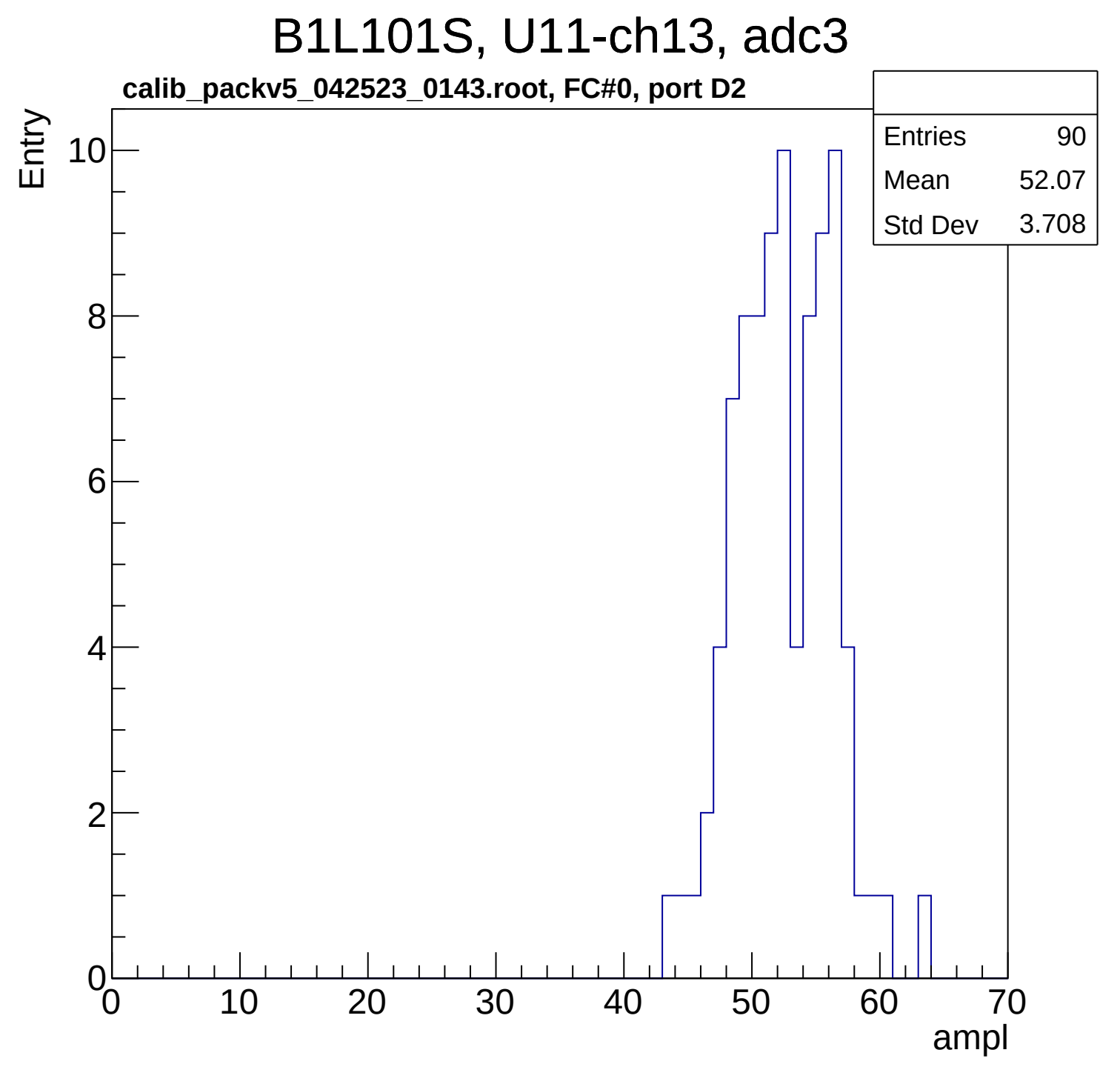

B1L101S, U11-ch12, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 61.5
Std Dev 1.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

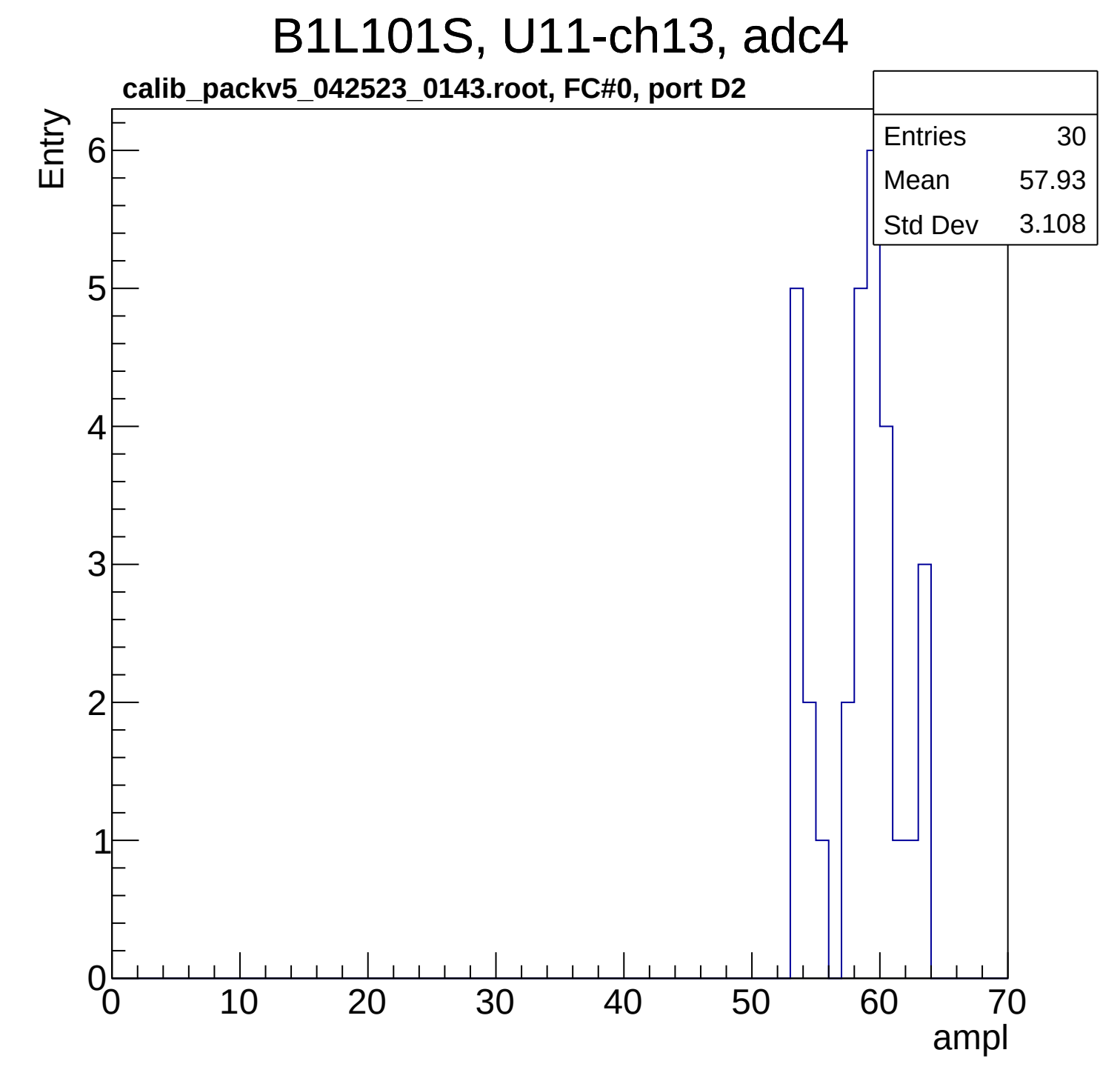

B1L101S, U11-ch12, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 0
Std Dev 0
Entry
3
2.5
2
1.5
1
0.5
0
0
10
20
30
40
50
60
70
ampl

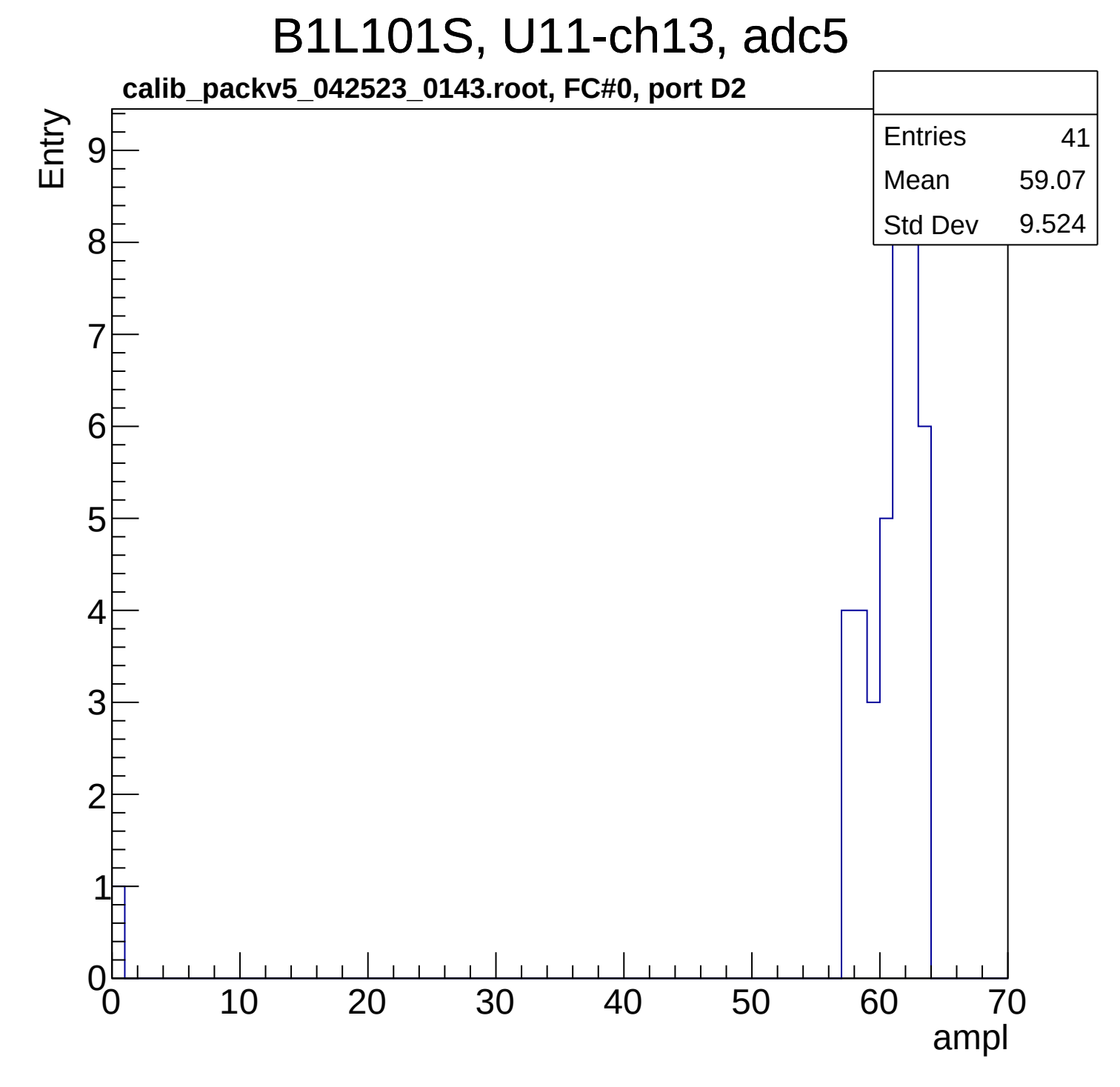

B1L101S, U11-ch13, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 31.18
Std Dev 3.167
Gaus mean : 31.4663
Gaus Width: 3.4817
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch13, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 37.78
Std Dev 3.147
Gaus mean : 37.8462
Gaus Width: 3.4399
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch13, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 43.87
Std Dev 3.414
Gaus mean : 44.2835
Gaus Width: 3.5232
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch13, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 90
Mean 52.07
Std Dev 3.708
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch13, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 30
Mean 57.93
Std Dev 3.108
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L101S, U11-ch13, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 41
Mean 59.07
Std Dev 9.524
Entry
ampl
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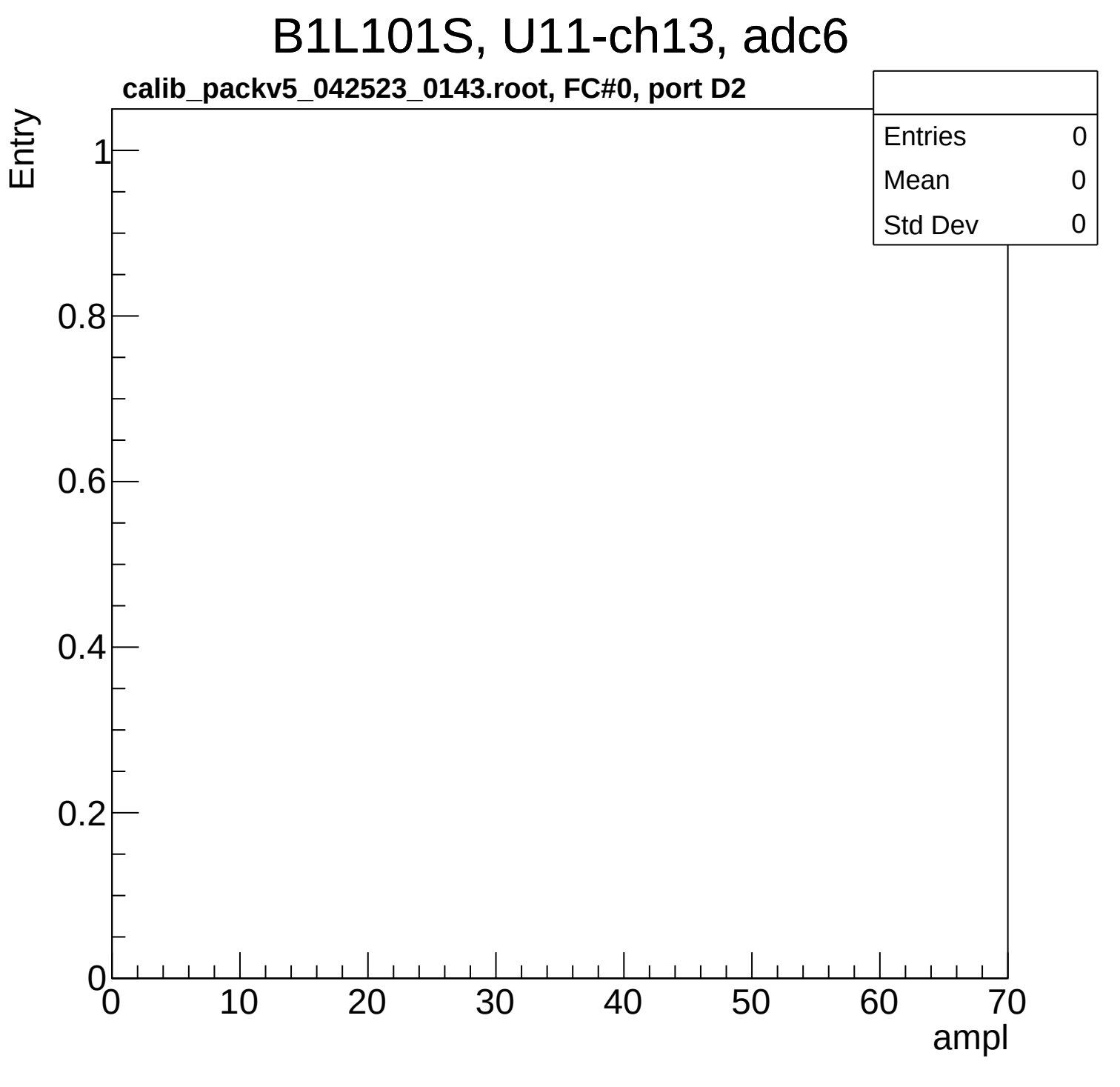
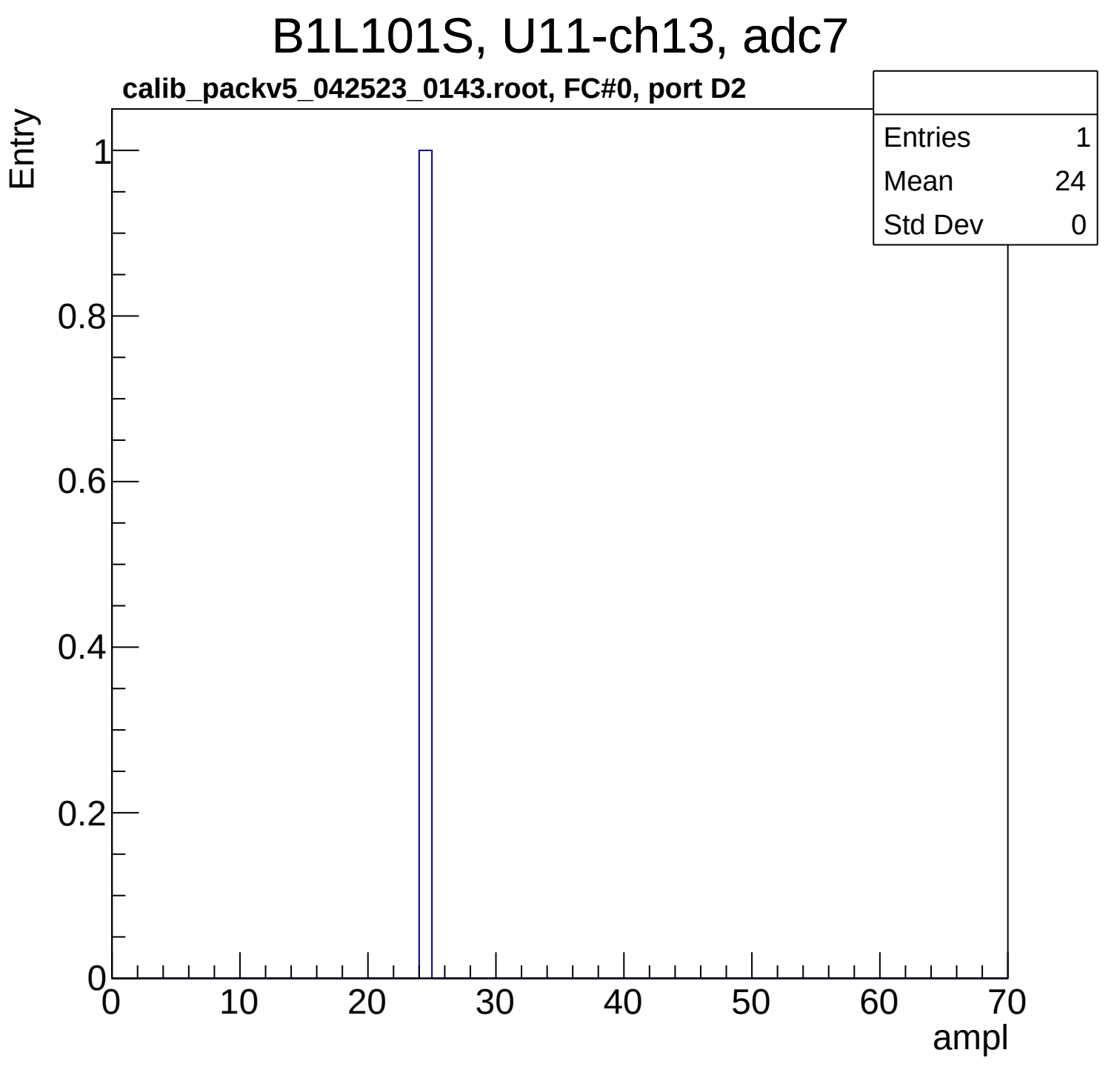
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch13, adc6
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch13, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 24
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
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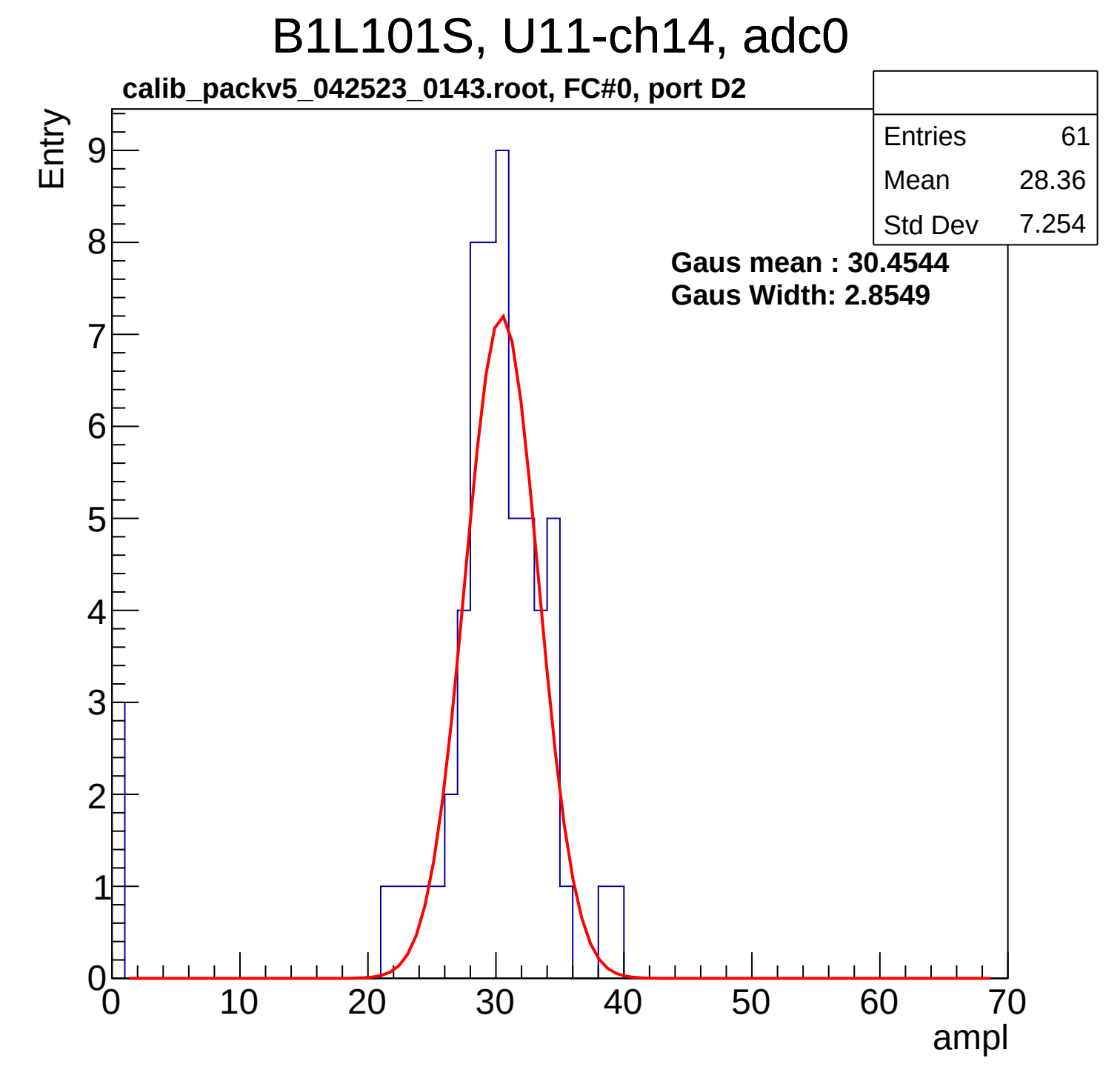
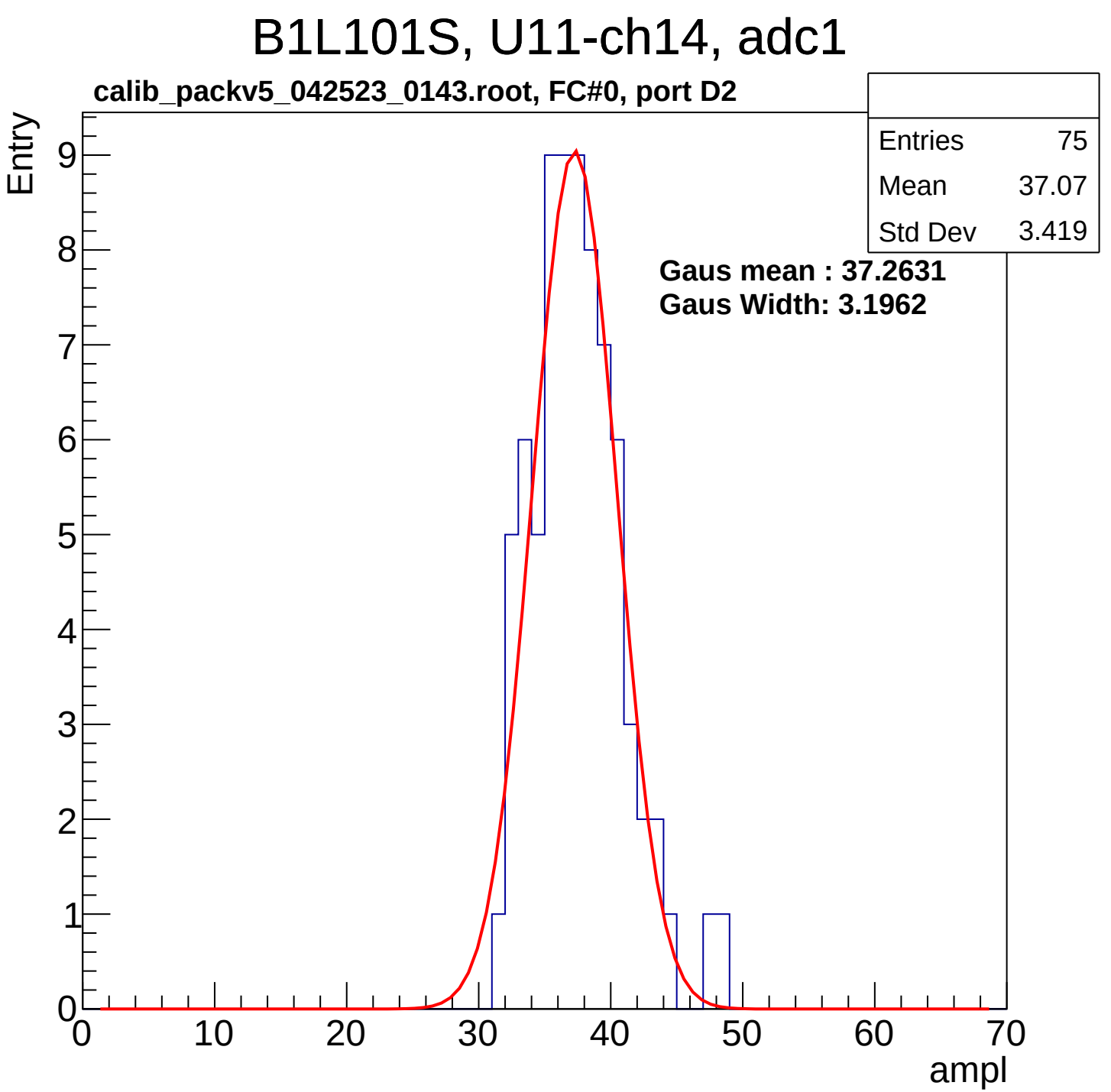
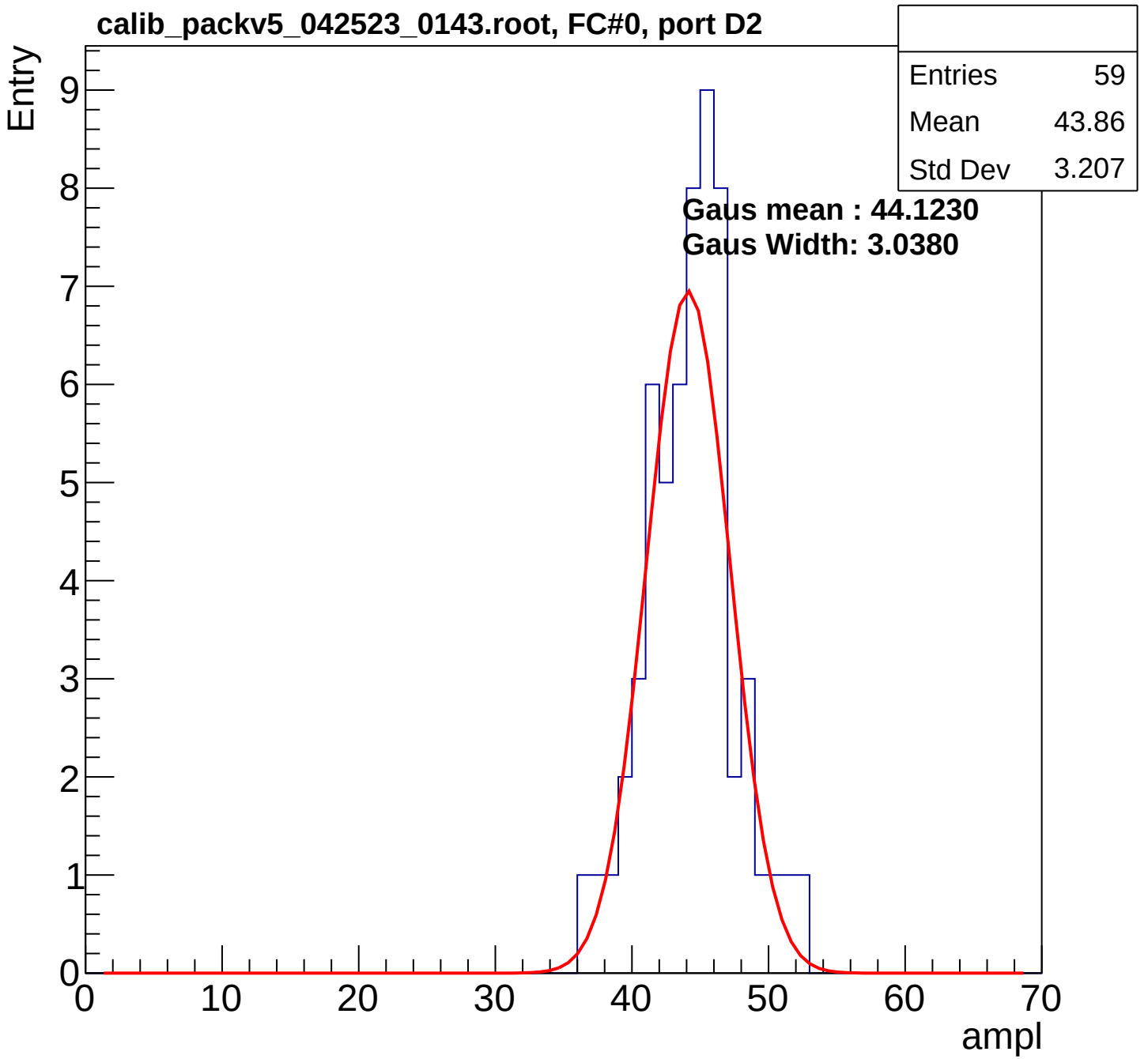
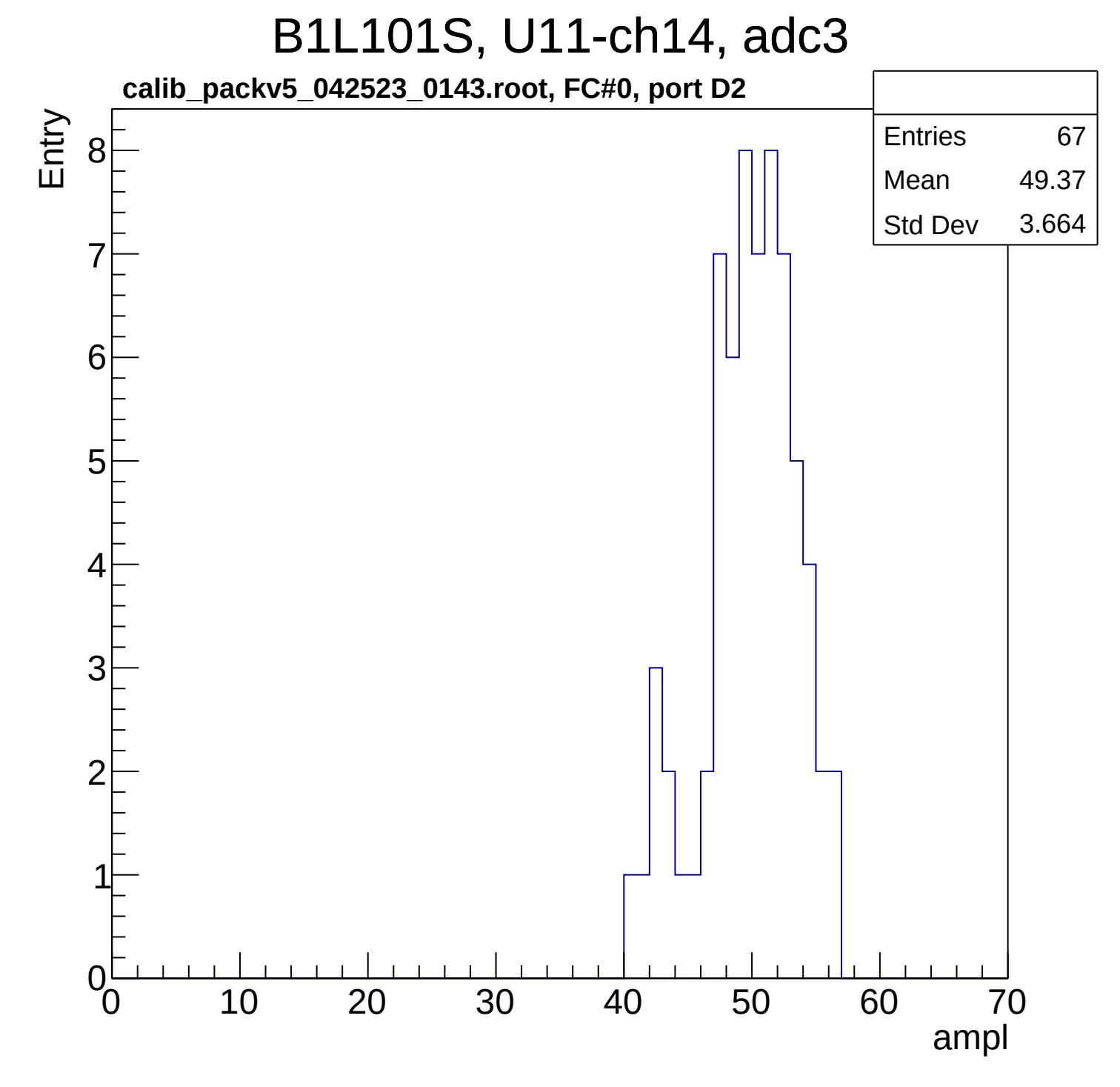
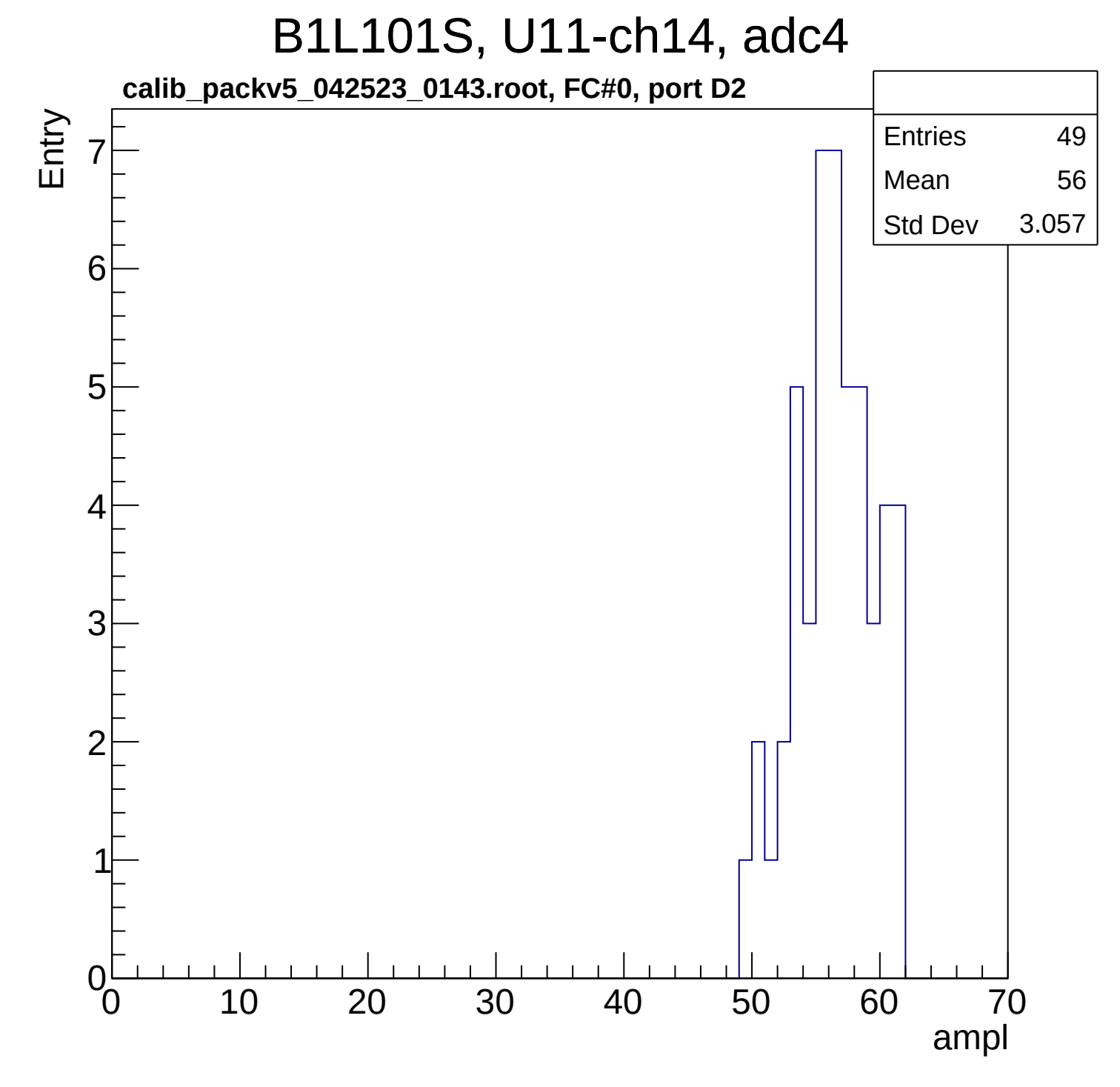
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch14, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 28.36
Std Dev 7.254
Gaus mean : 30.4544
Gaus Width: 2.8549
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch14, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 75
Mean 37.07
Std Dev 3.419
Gaus mean : 37.2631
Gaus Width: 3.1962
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch14, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 43.86
Std Dev 3.207
Gaus mean : 44.1230
Gaus Width: 3.0380
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch14, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 49.37
Std Dev 3.664
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch14, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 49
Mean 56
Std Dev 3.057
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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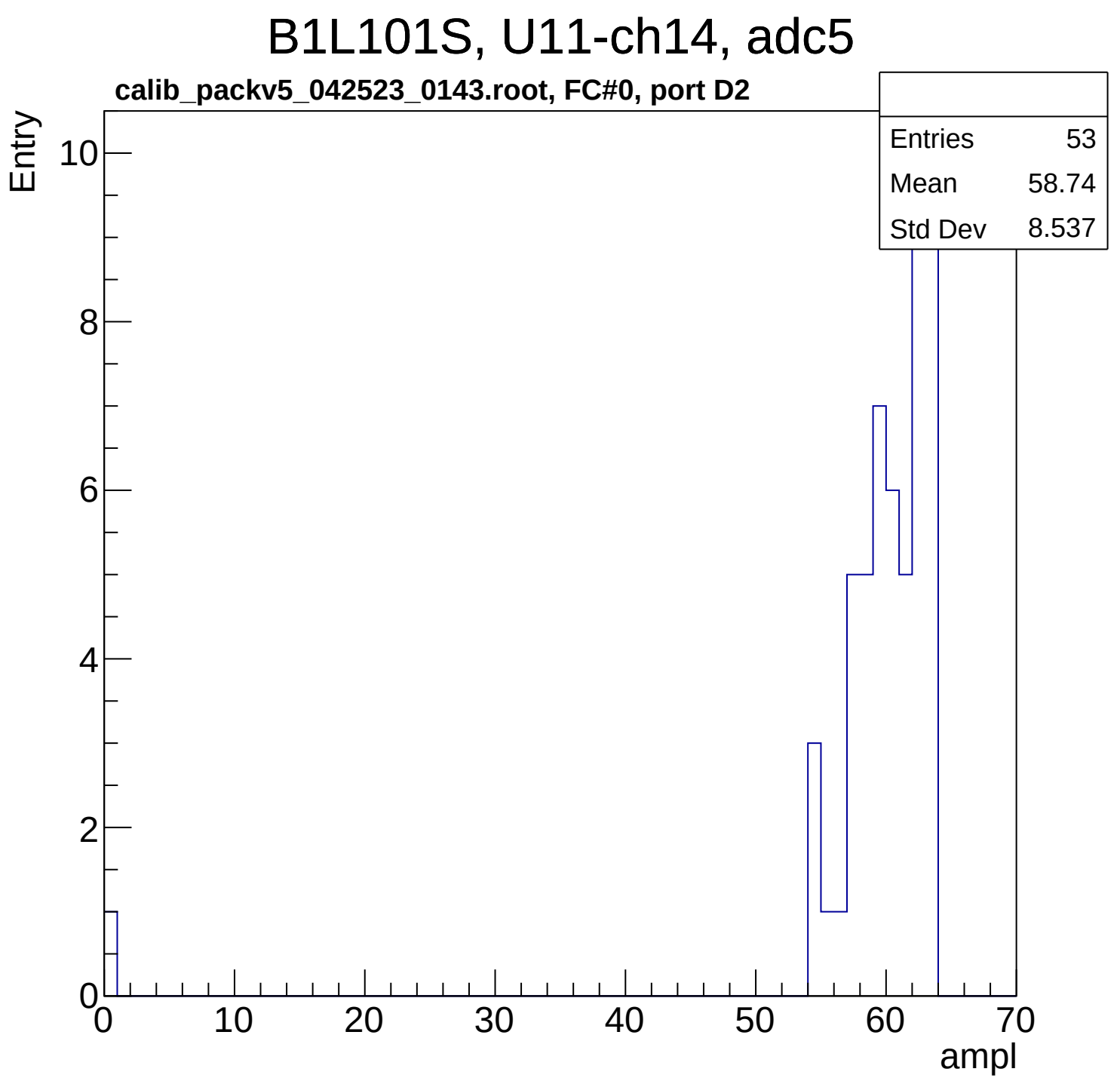
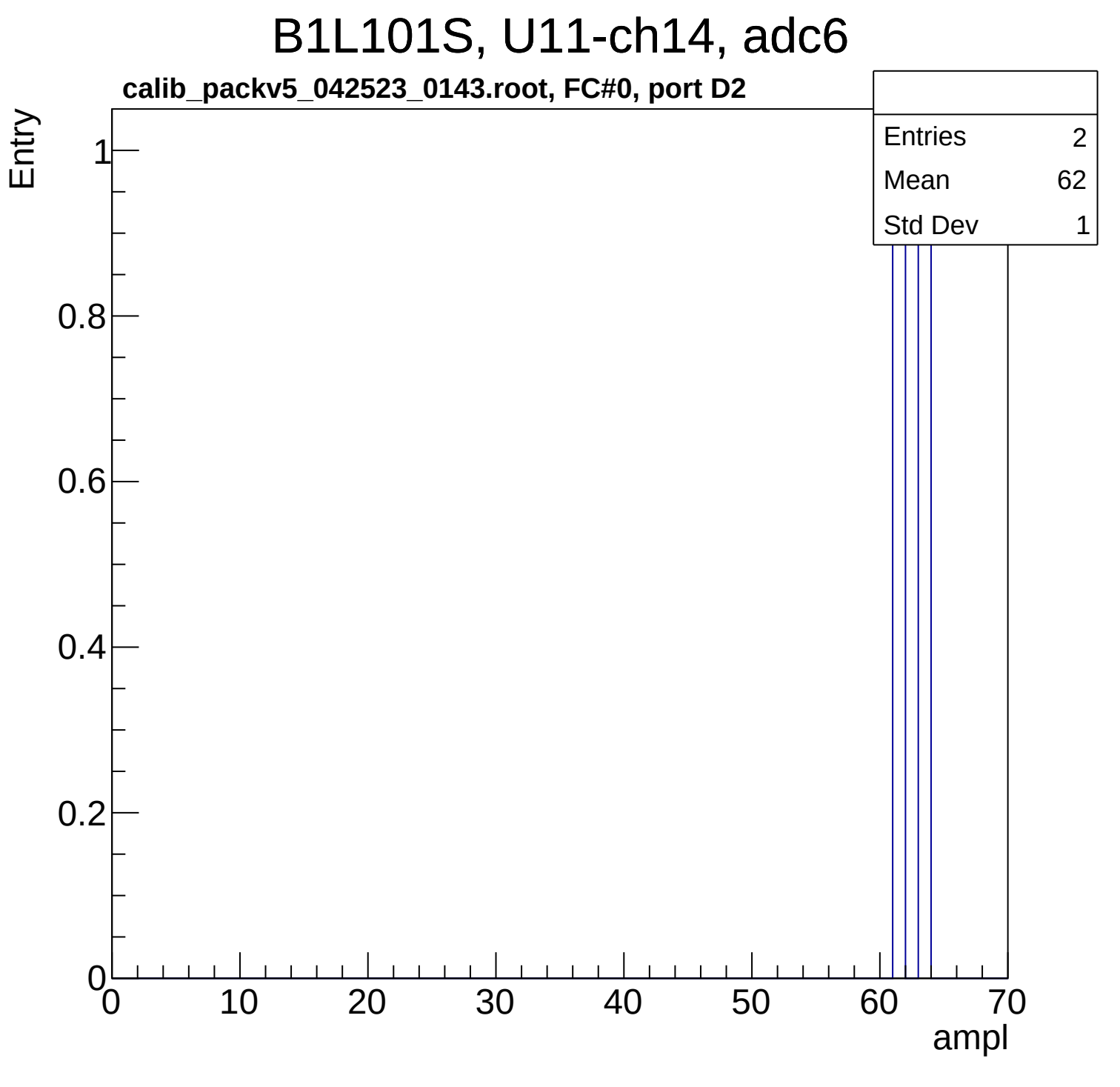
40
50
60
70


B1L101S, U11-ch14, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 58.74
Std Dev 8.537
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch14, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 62
Std Dev 1
Entry
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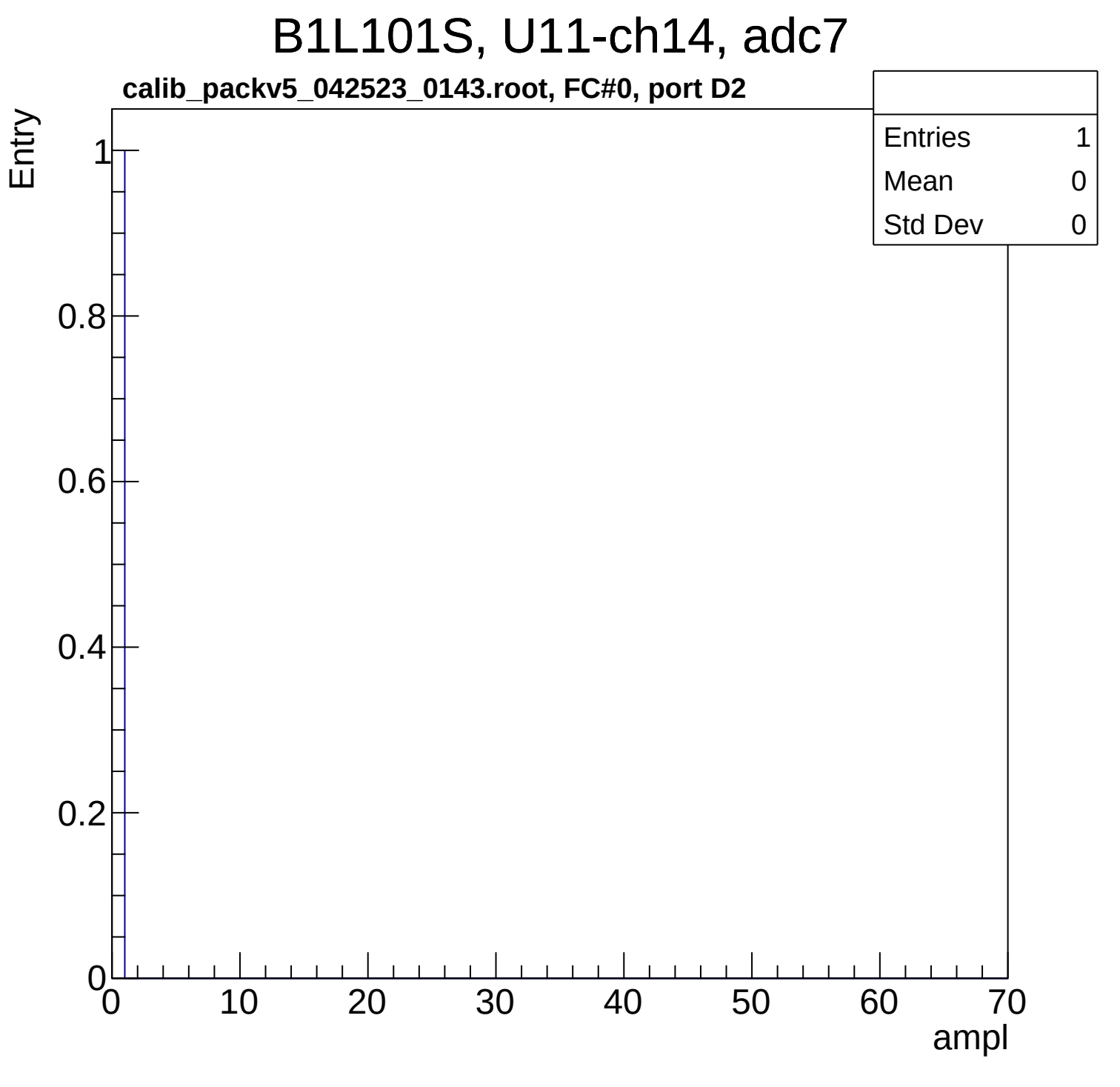
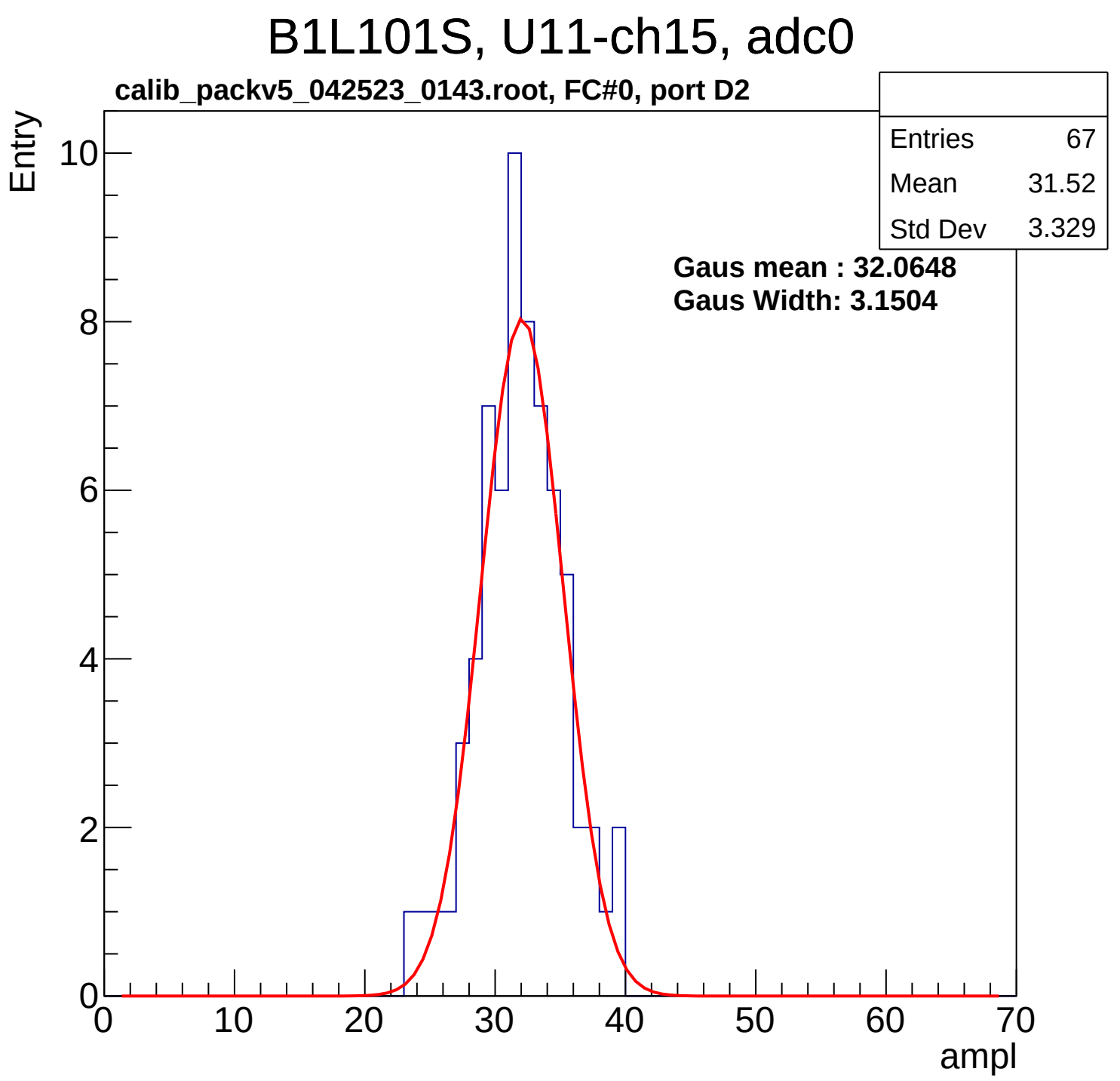
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch14, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch15, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 31.52
Std Dev 3.329
Gaus mean : 32.0648
Gaus Width: 3.1504
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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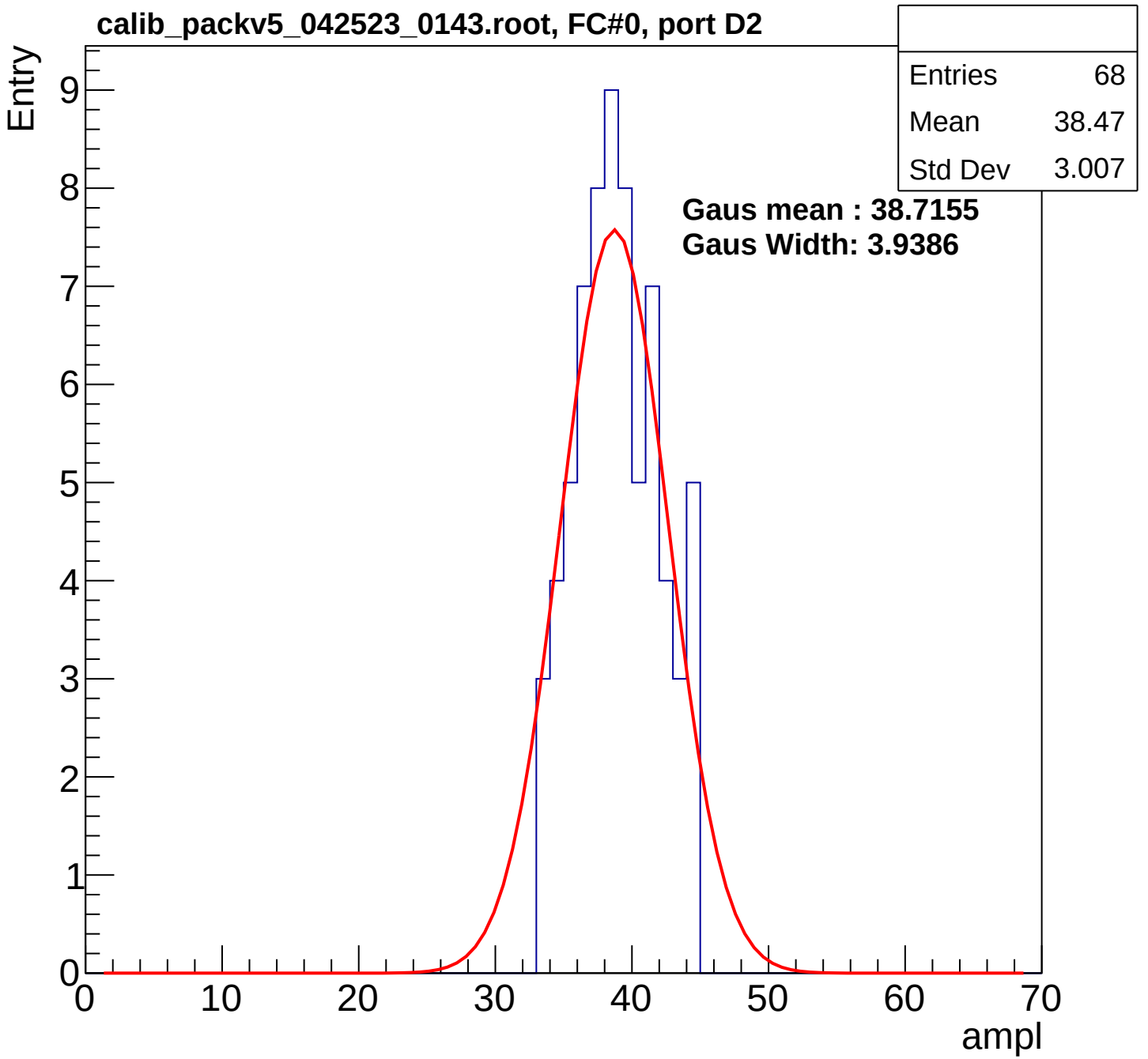
B1L101S, U11-ch15, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 38.47
Std Dev 3.007
Gaus mean : 38.7155
Gaus Width: 3.9386
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
10
20
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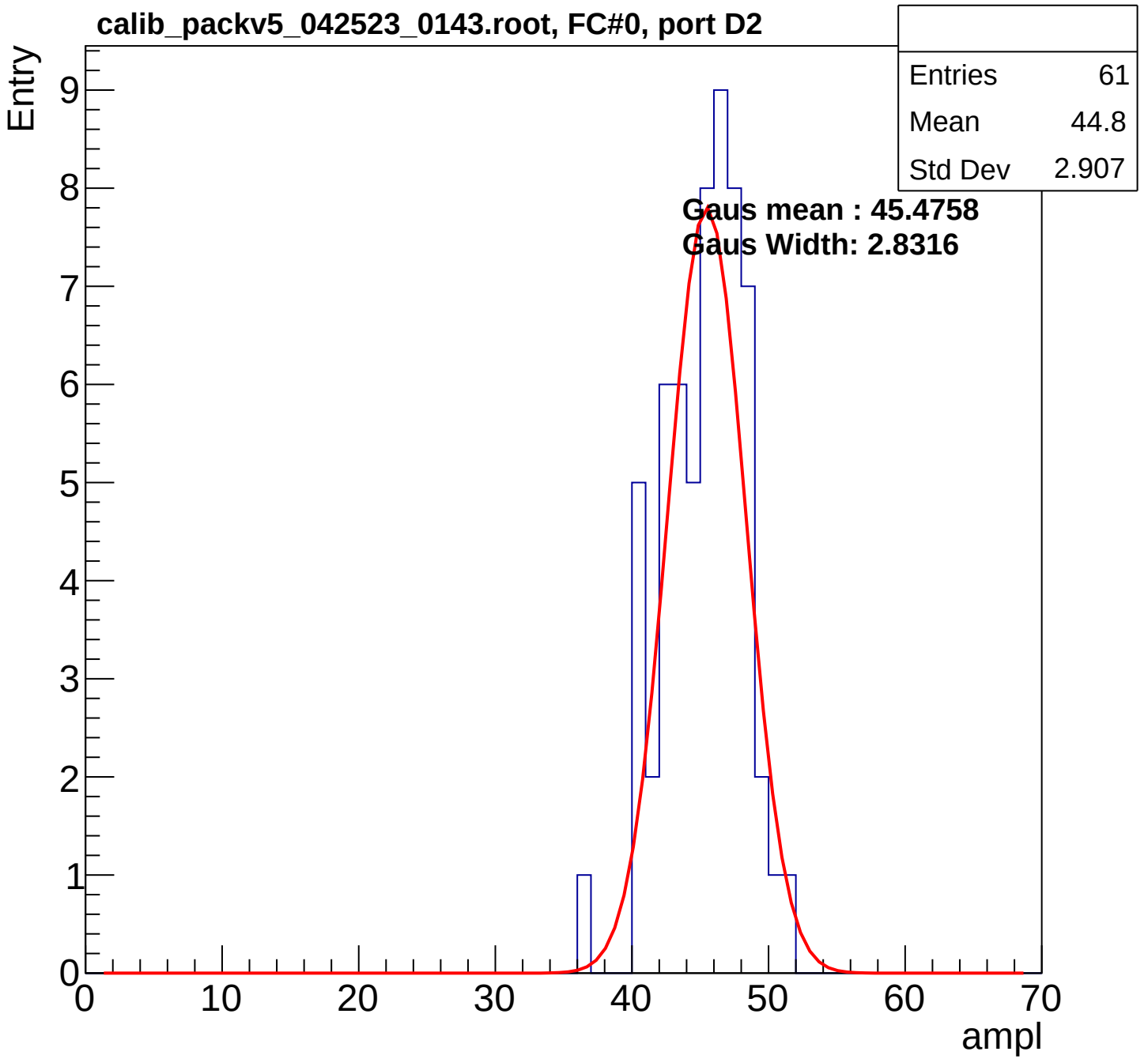
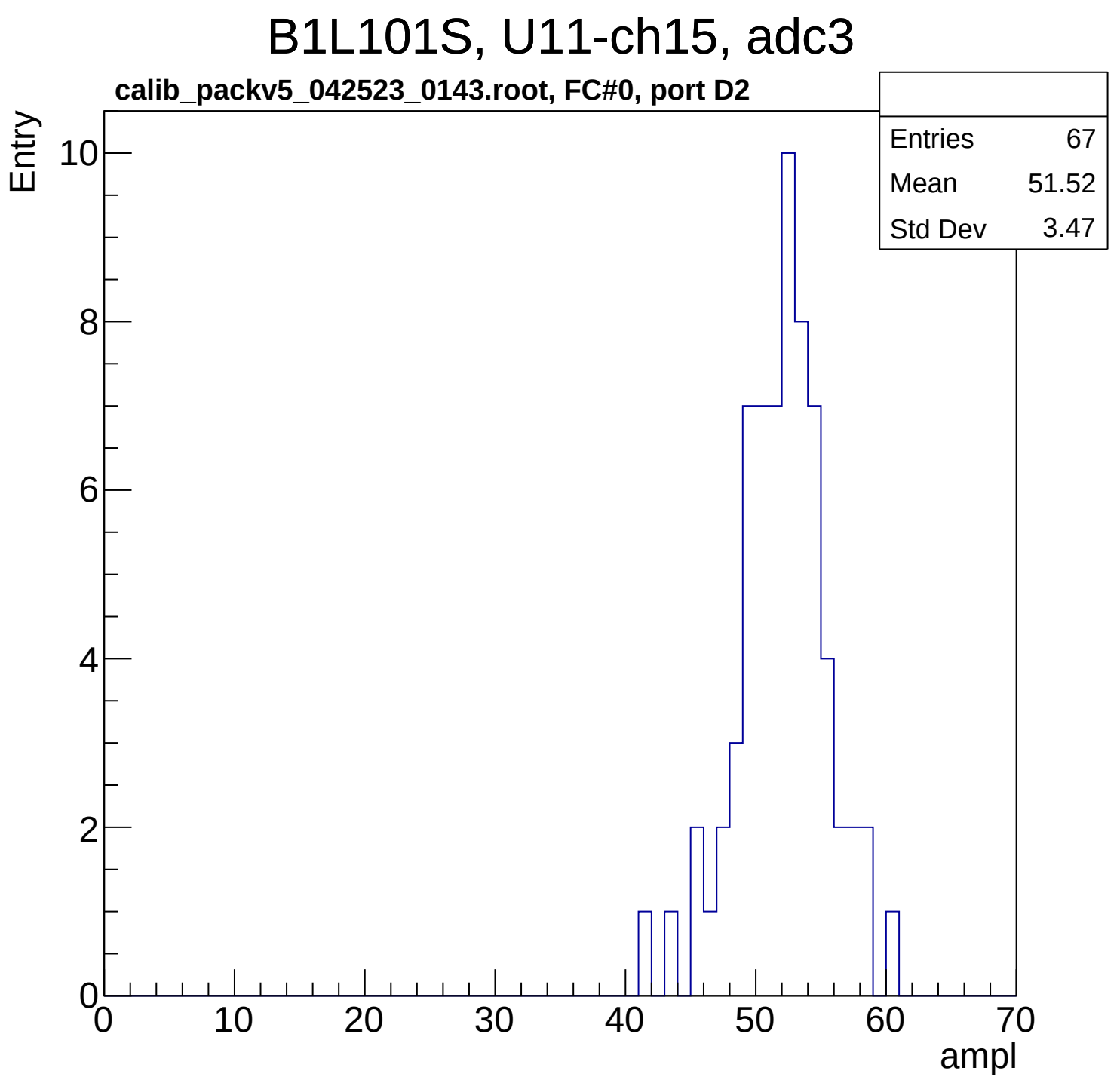

B1L101S, U11-ch15, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 44.8
Std Dev 2.907
Gaus mean : 45.4758
Gaus Width: 2.8316
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch15, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 51.52
Std Dev 3.47
Entry
ampl
0
2
4
6
8
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0
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40
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60
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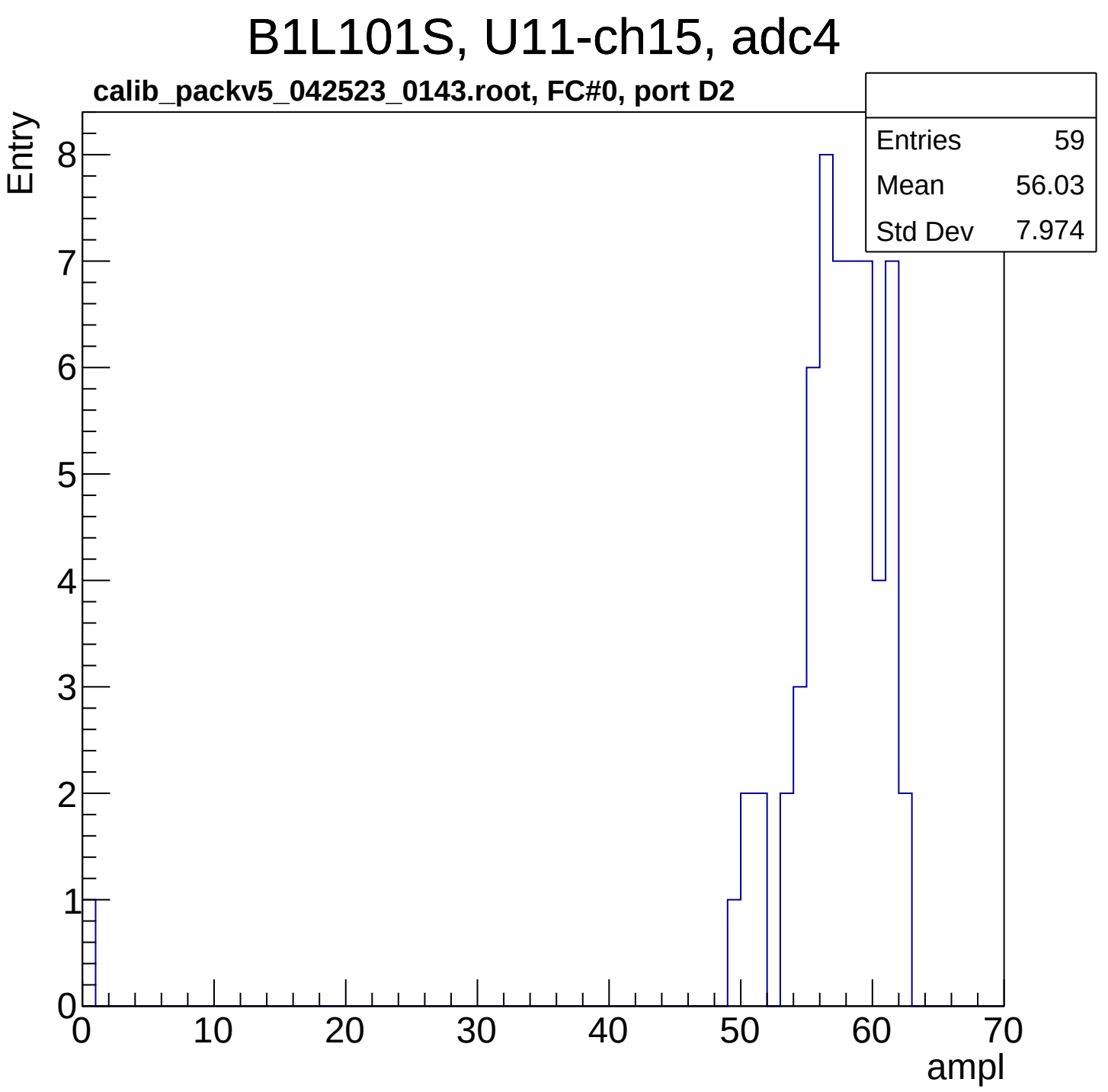
B1L101S, U11-ch15, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 56.03
Std Dev 7.974
Entry
ampl
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1
2
3
4
5
6
7
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0
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40
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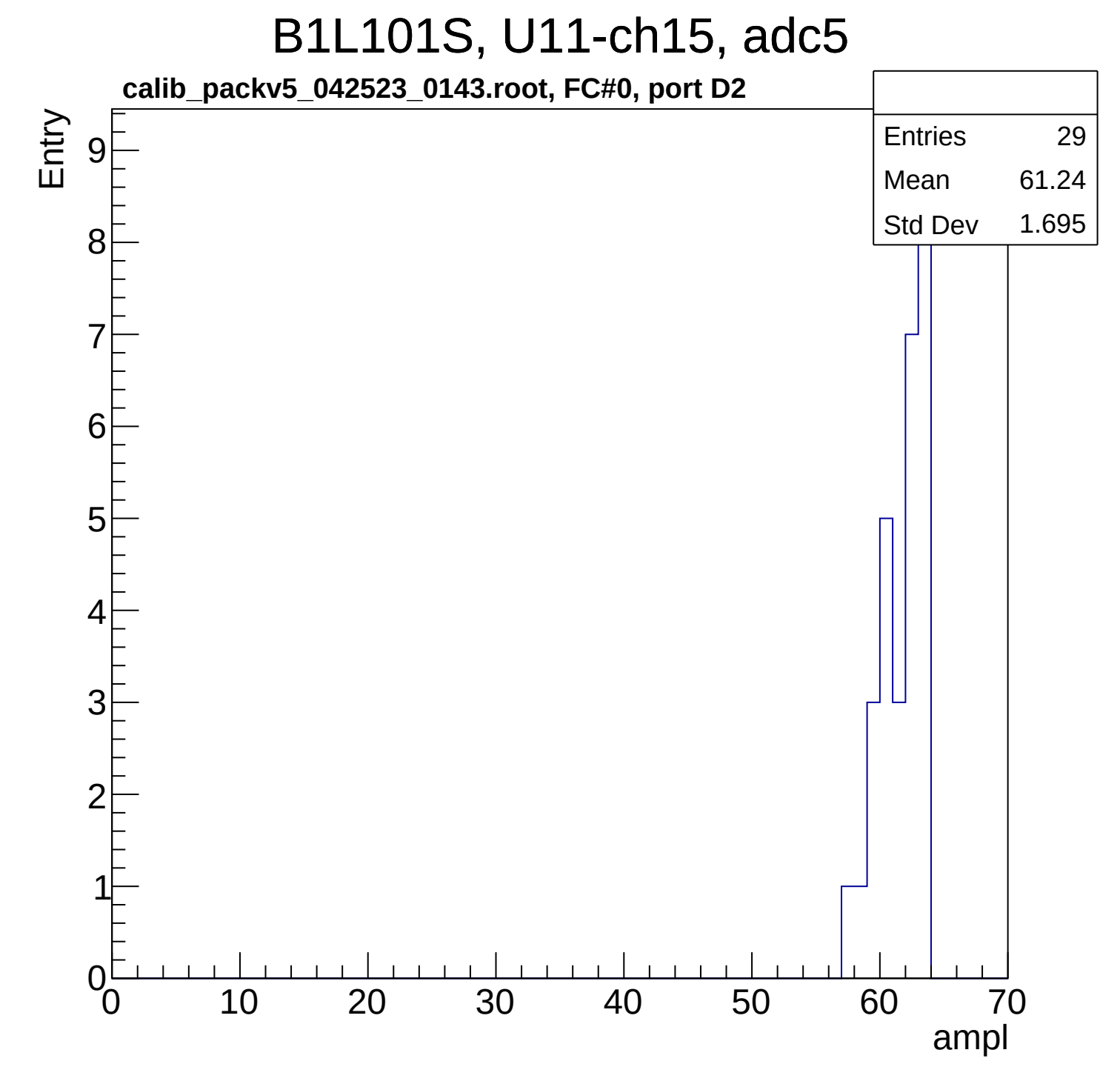
B1L101S, U11-ch15, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 29
Mean 61.24
Std Dev 1.695
Entry
ampl
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2
3
4
5
6
7
8
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0
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40
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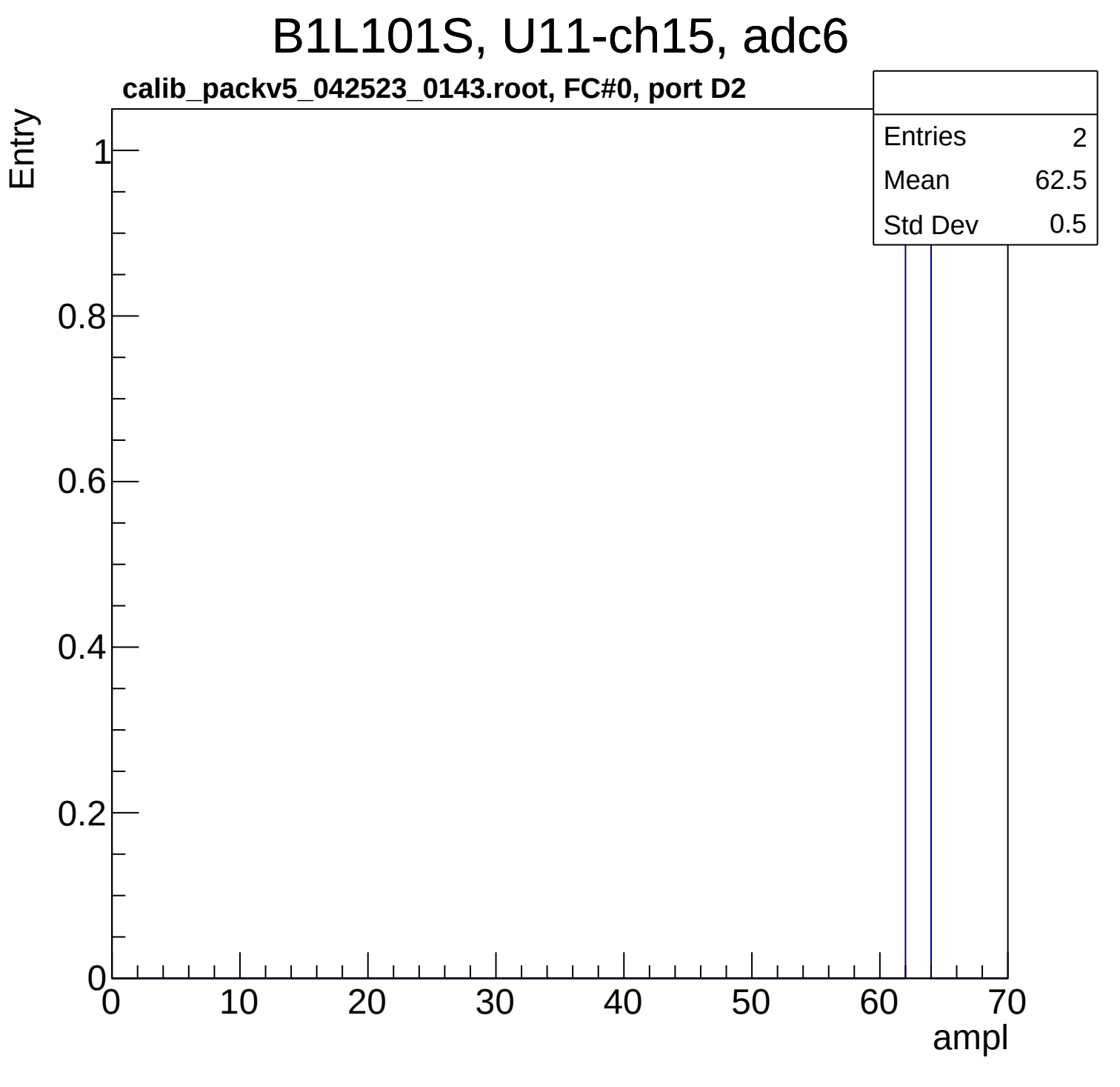
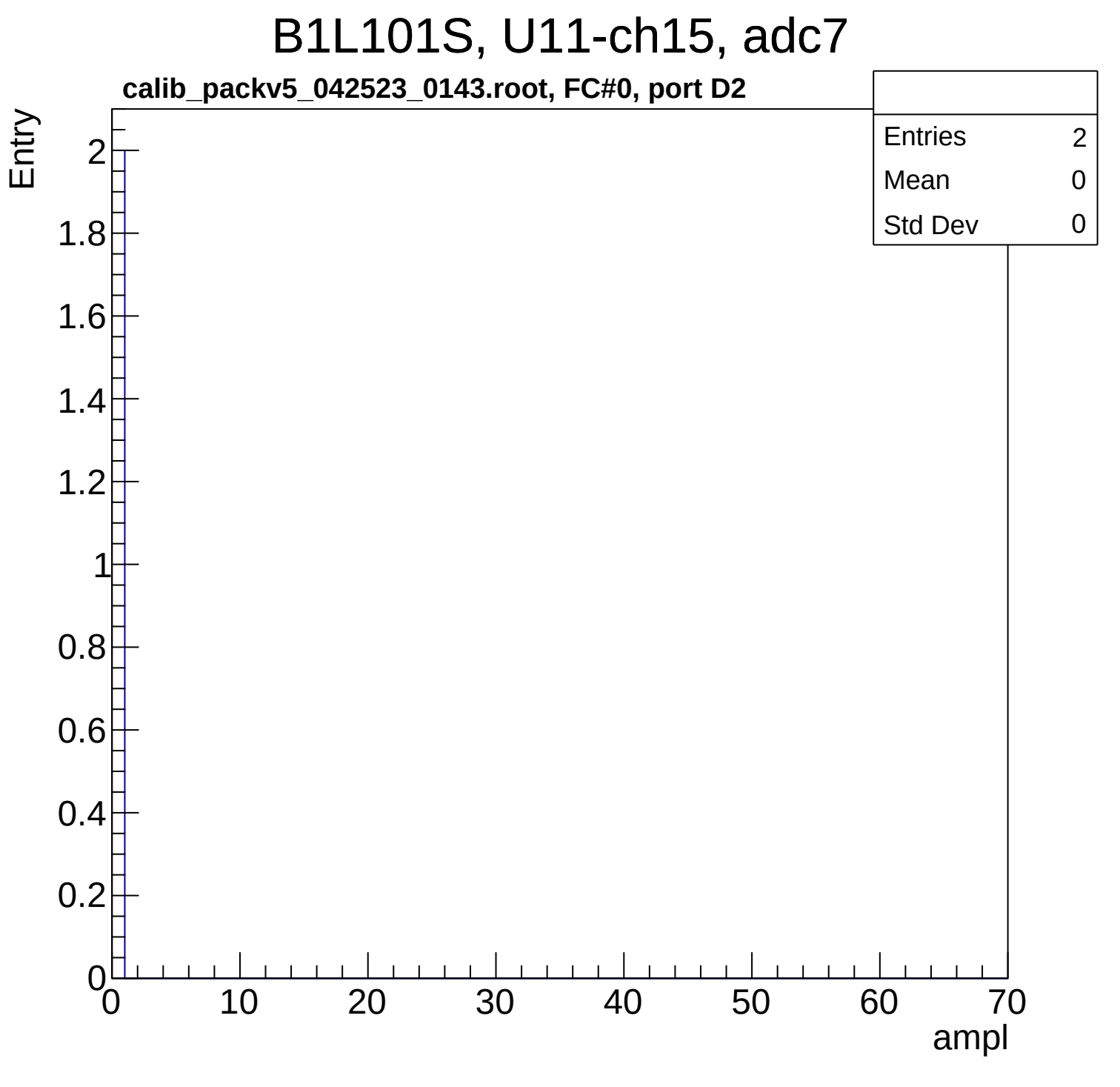
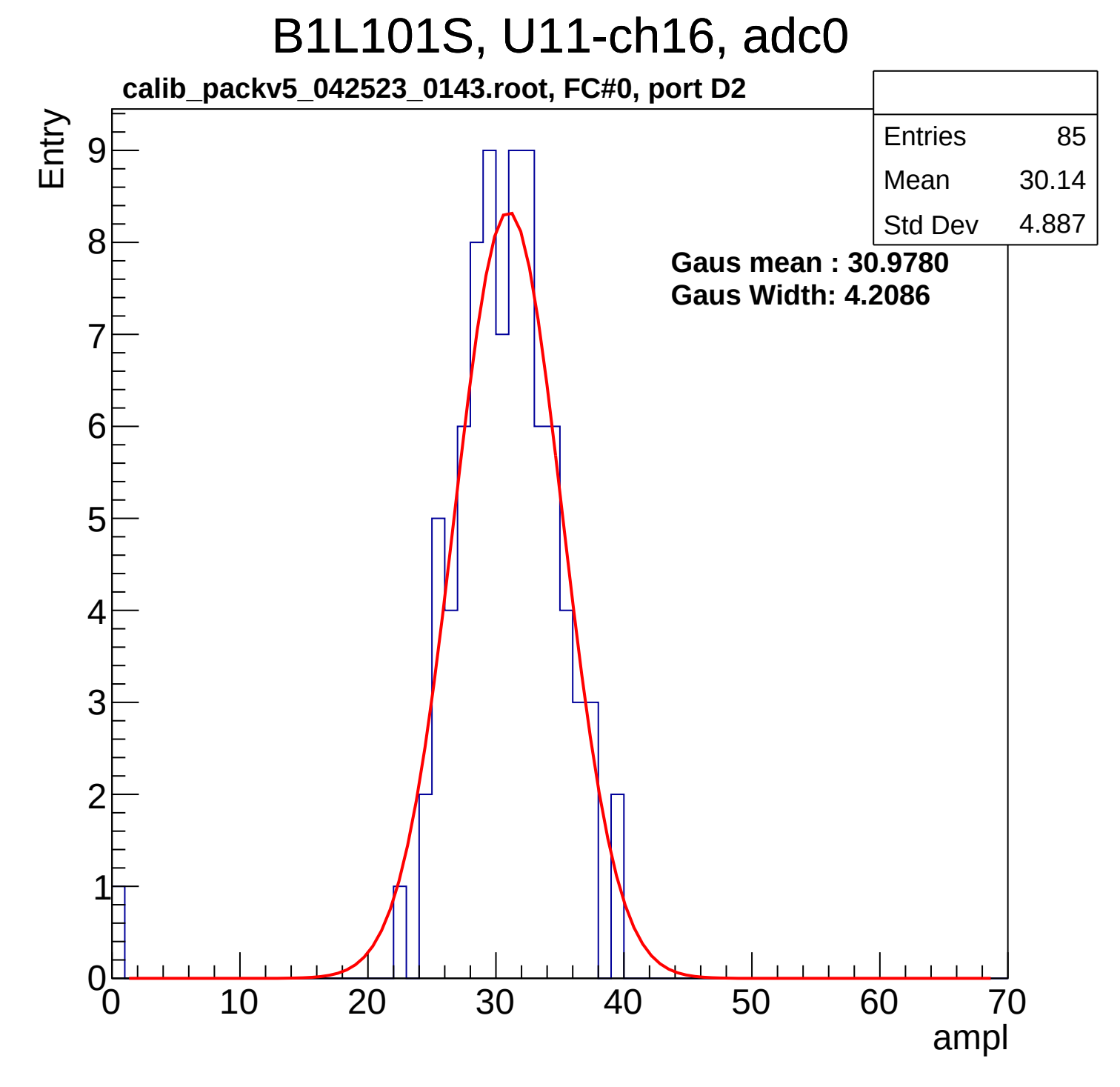

B1L101S, U11-ch15, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch15, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch16, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 85
Mean 30.14
Std Dev 4.887
Gaus mean : 30.9780
Gaus Width: 4.2086
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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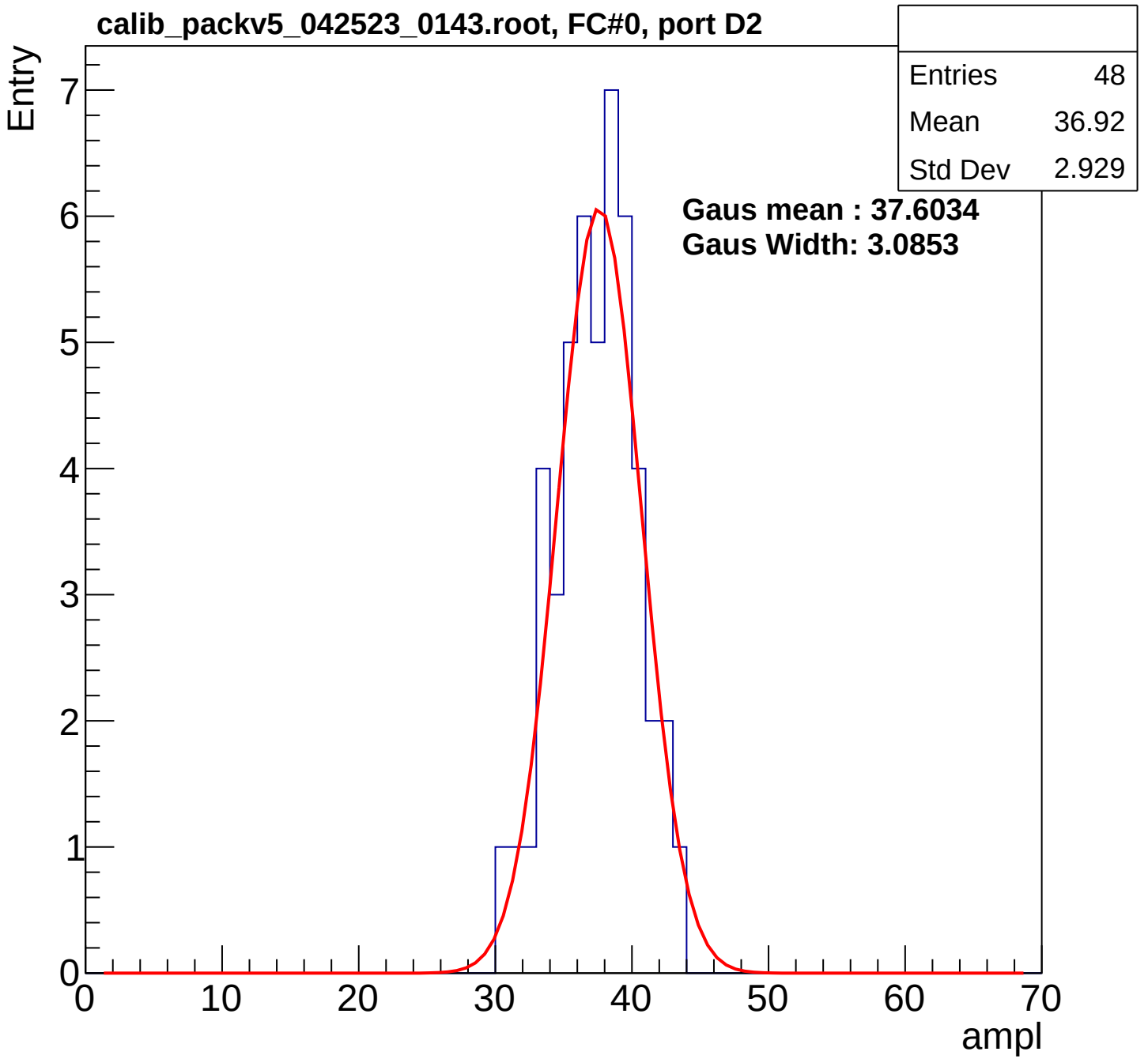
B1L101S, U11-ch16, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 48
Mean 36.92
Std Dev 2.929
Gaus mean : 37.6034
Gaus Width: 3.0853
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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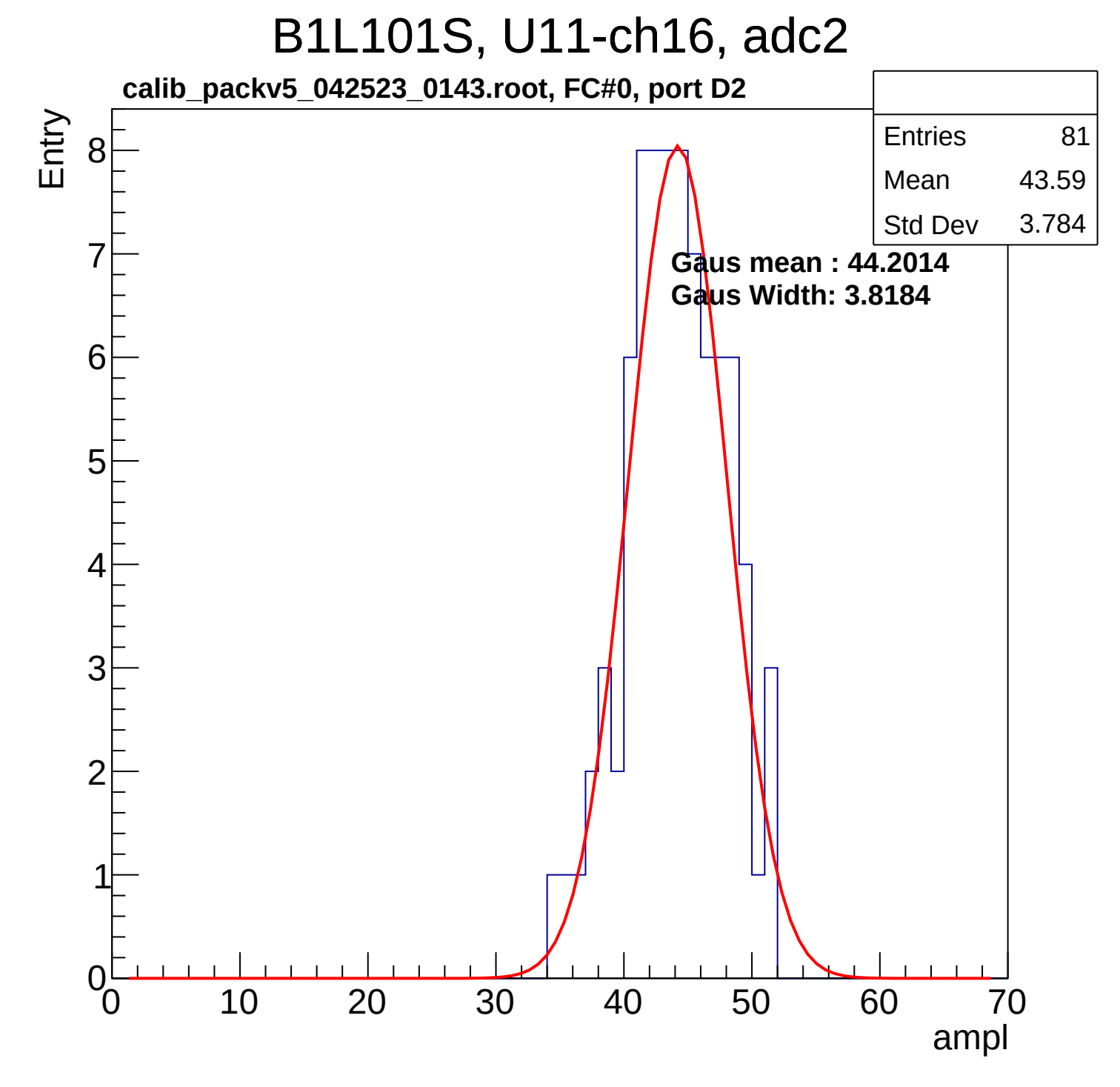
B1L101S, U11-ch16, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 81
Mean 43.59
Std Dev 3.784
Gaus mean : 44.2014
Gaus Width: 3.8184
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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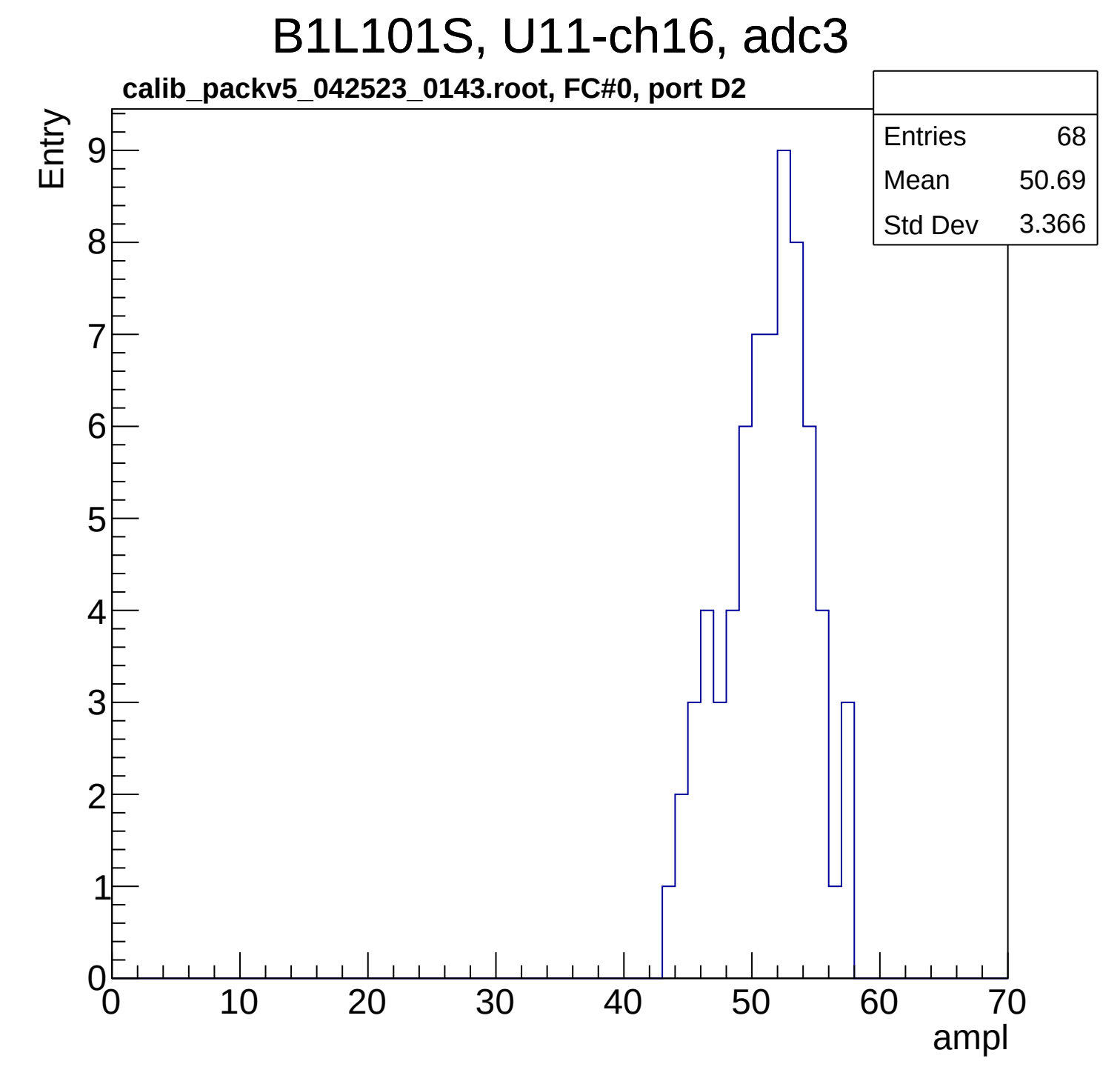
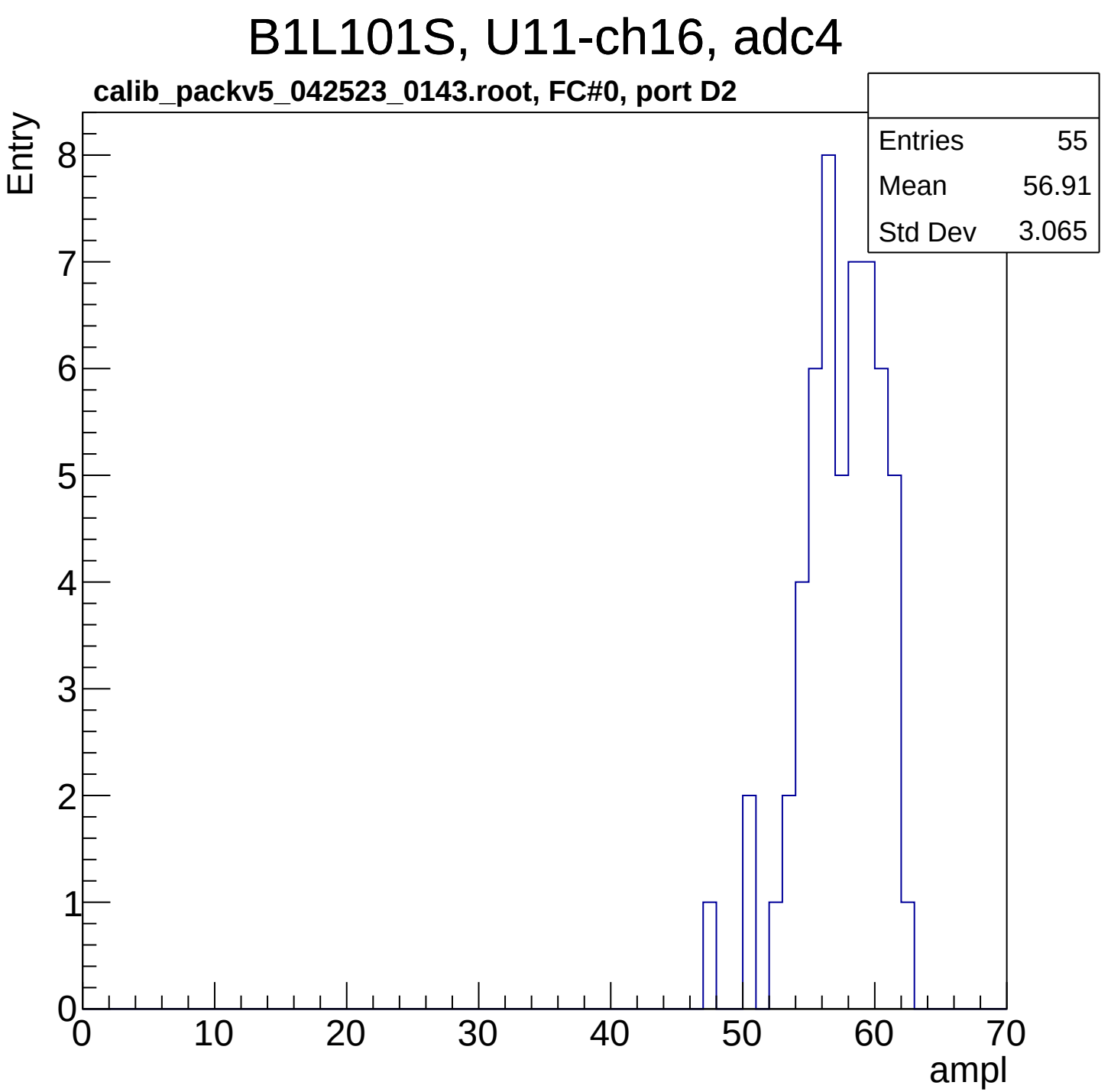
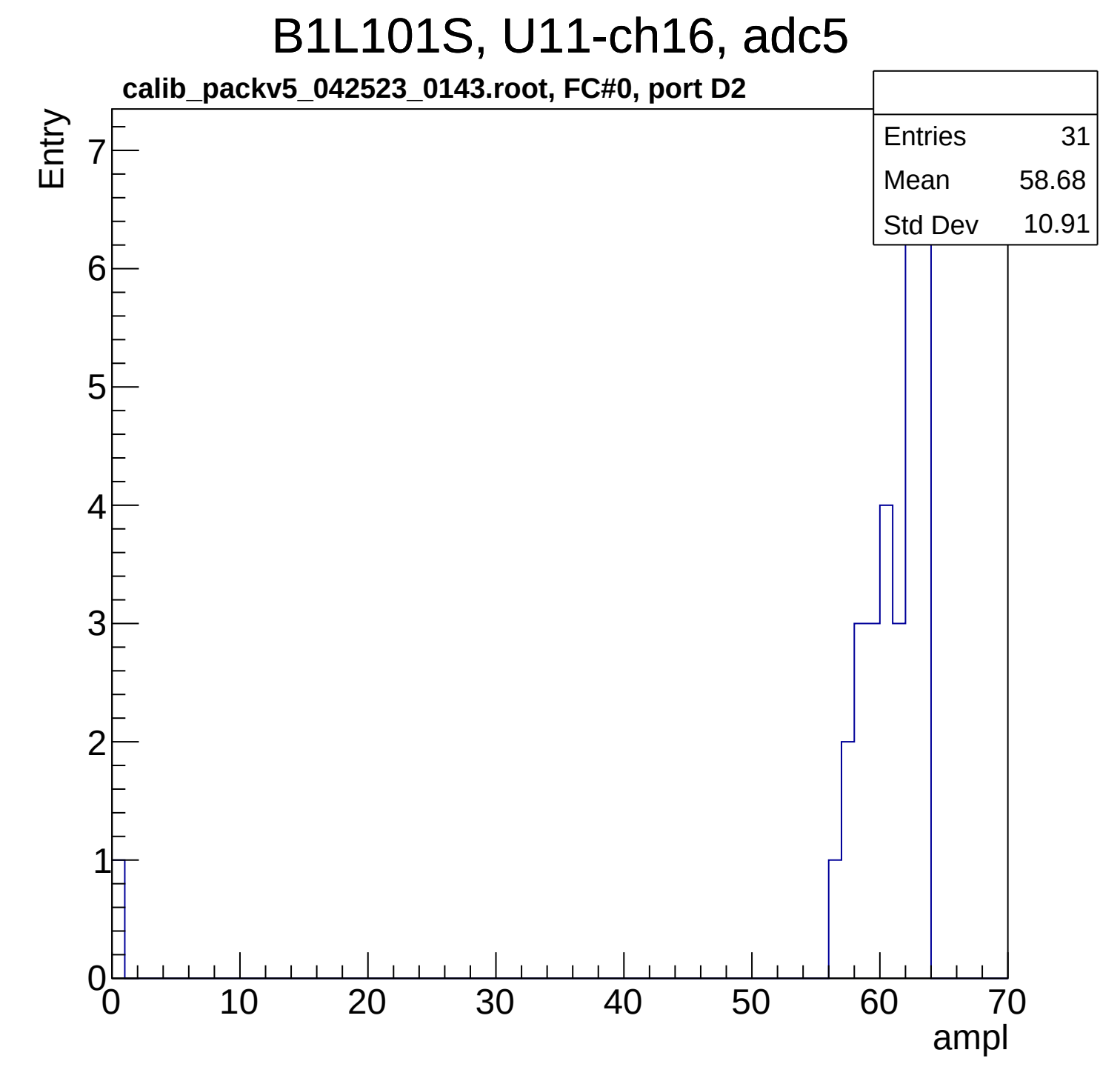

B1L101S, U11-ch16, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 50.69
Std Dev 3.366
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch16, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 56.91
Std Dev 3.065
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch16, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 31
Mean 58.68
Std Dev 10.91
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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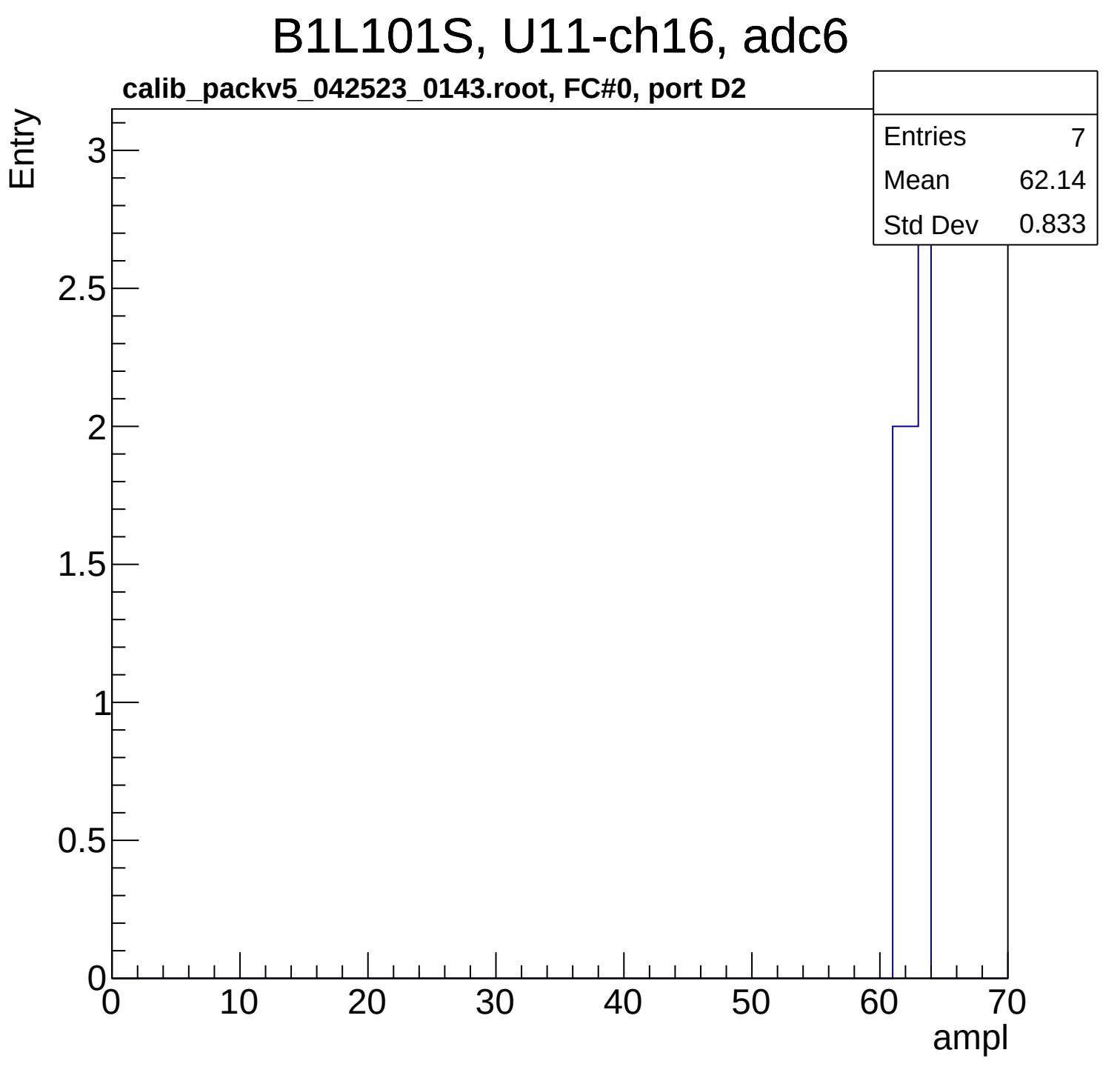
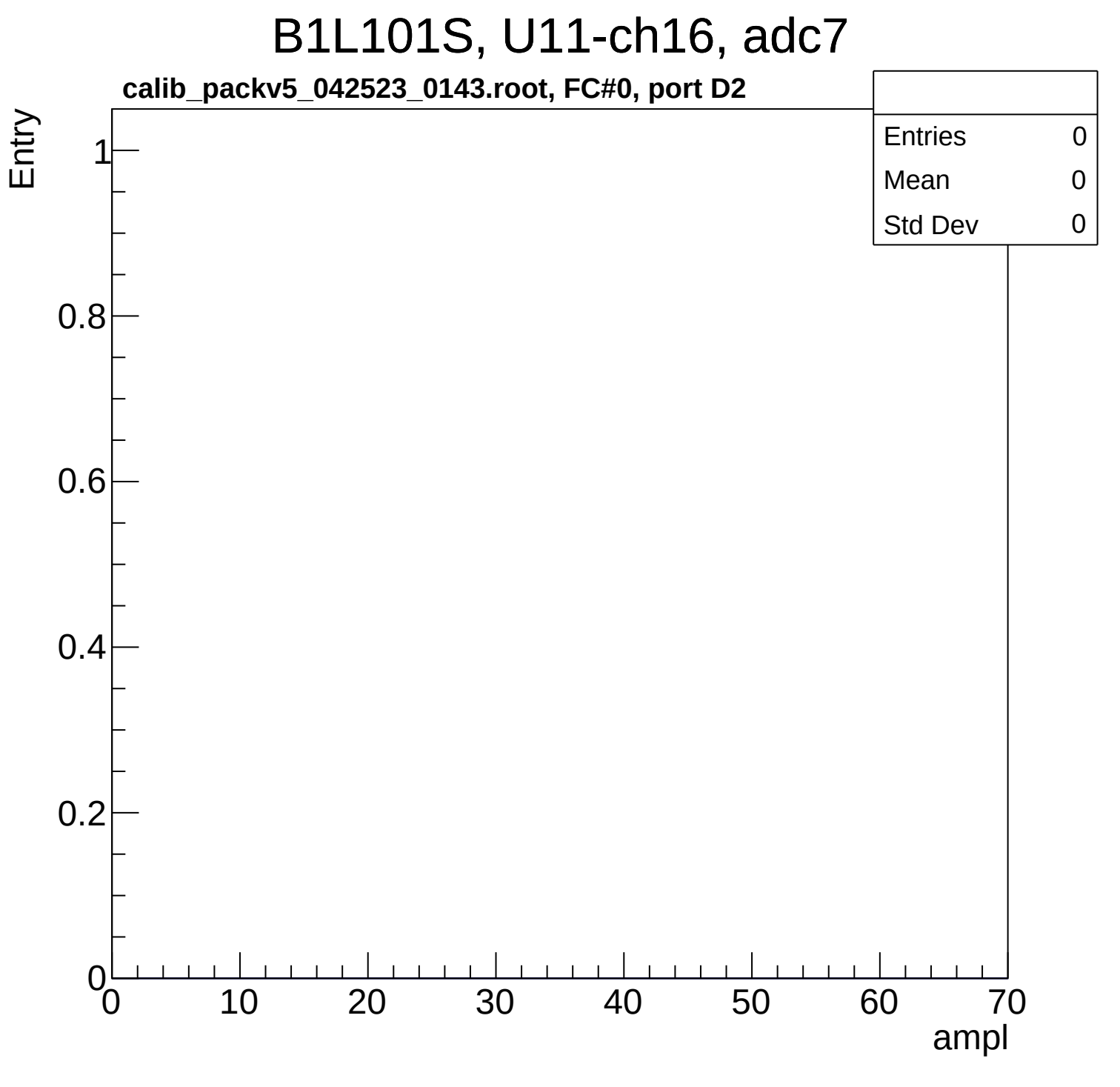
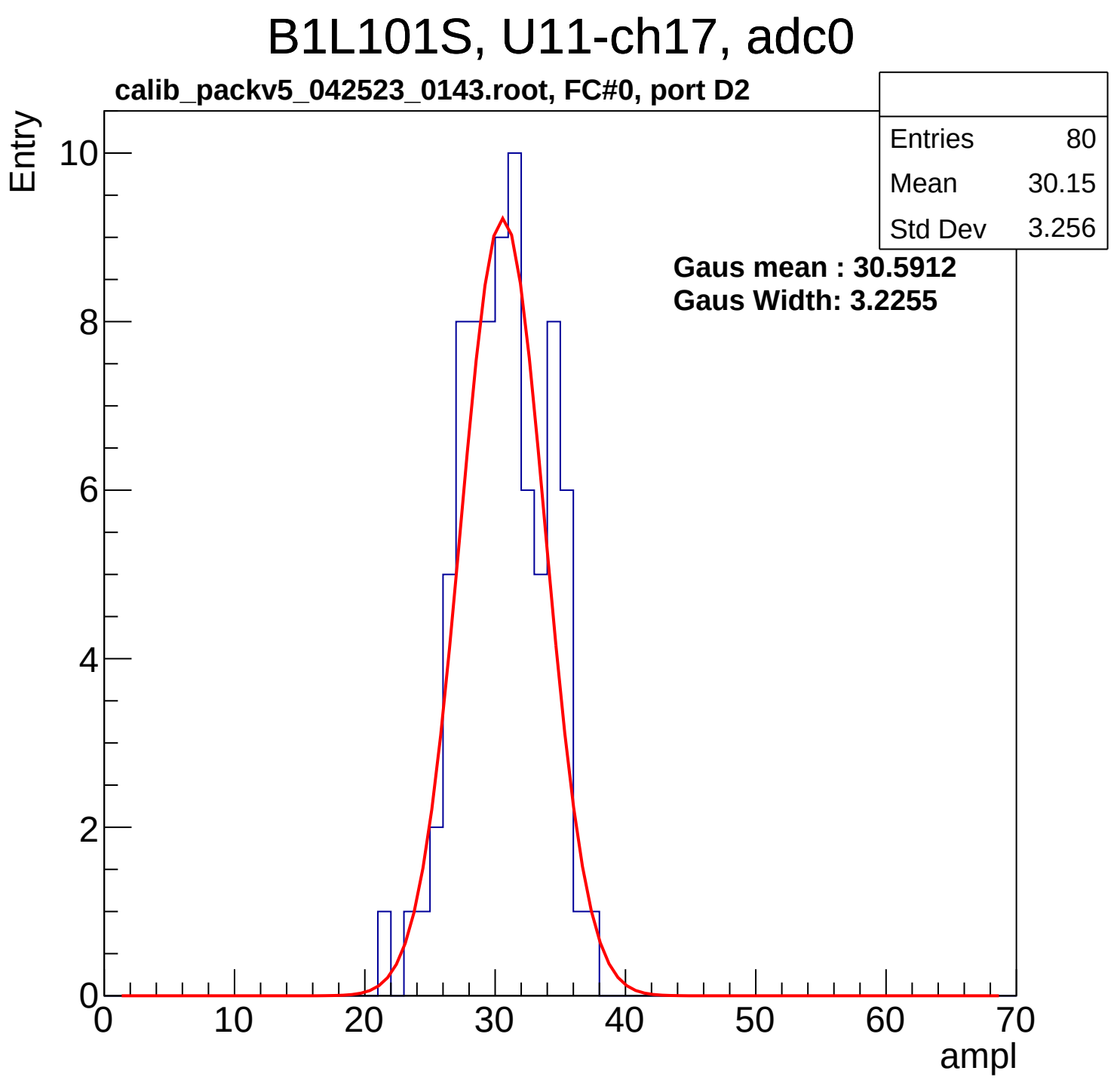
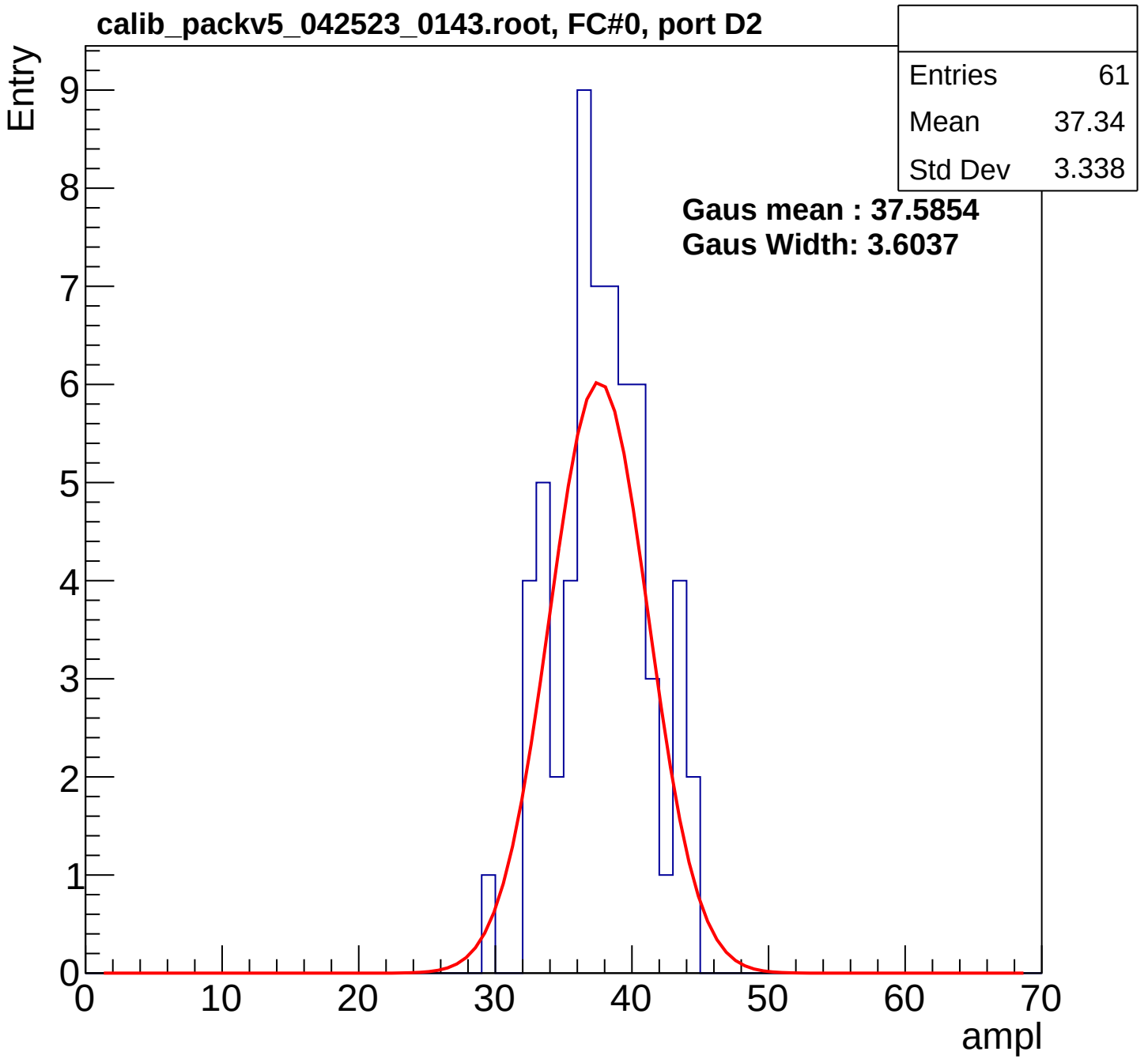

B1L101S, U11-ch16, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 7
Mean 62.14
Std Dev 0.833
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L101S, U11-ch16, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch17, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 80
Mean 30.15
Std Dev 3.256
Gaus mean : 30.5912
Gaus Width: 3.2255
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch17, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 37.34
Std Dev 3.338
Gaus mean : 37.5854
Gaus Width: 3.6037
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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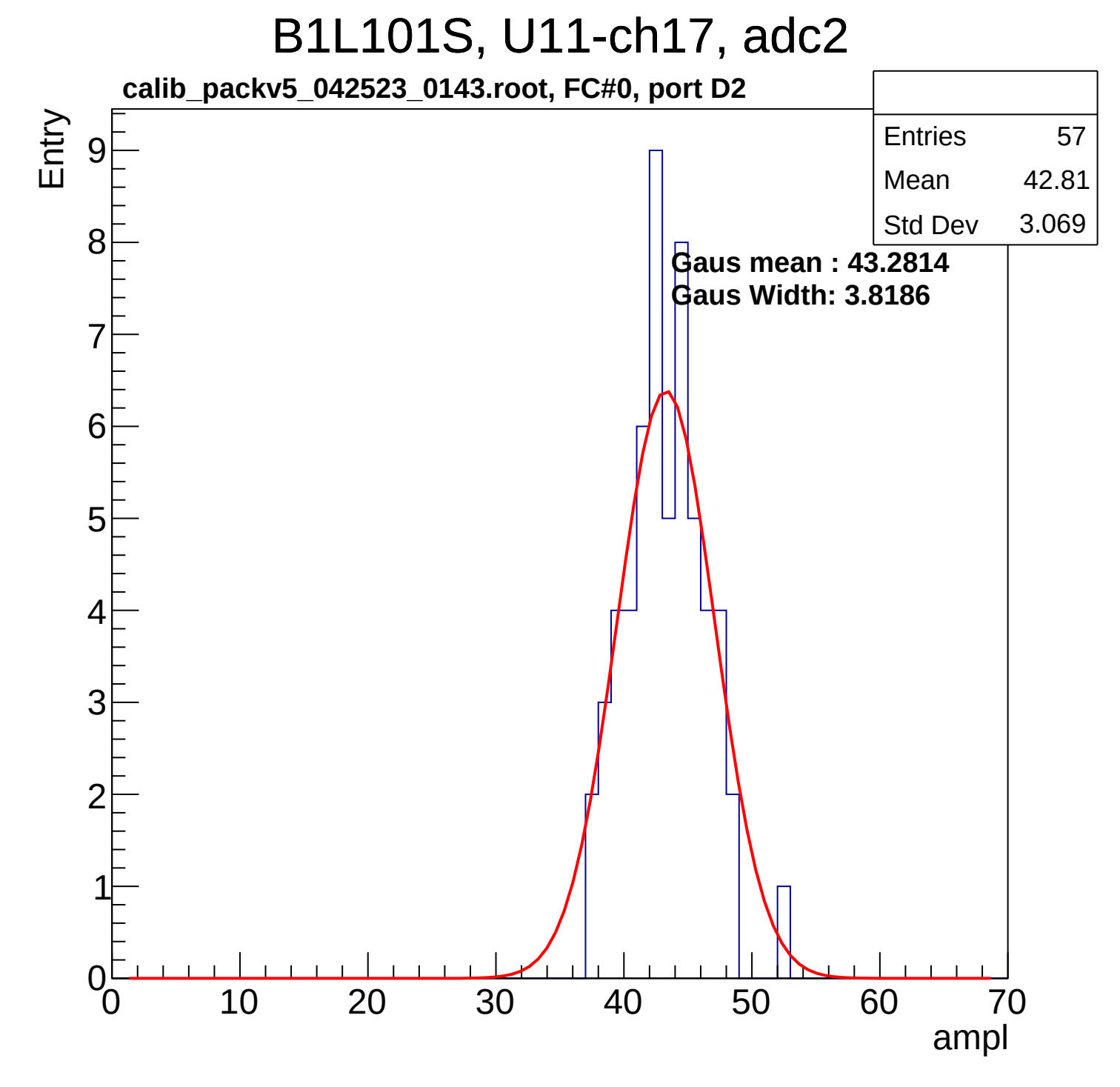
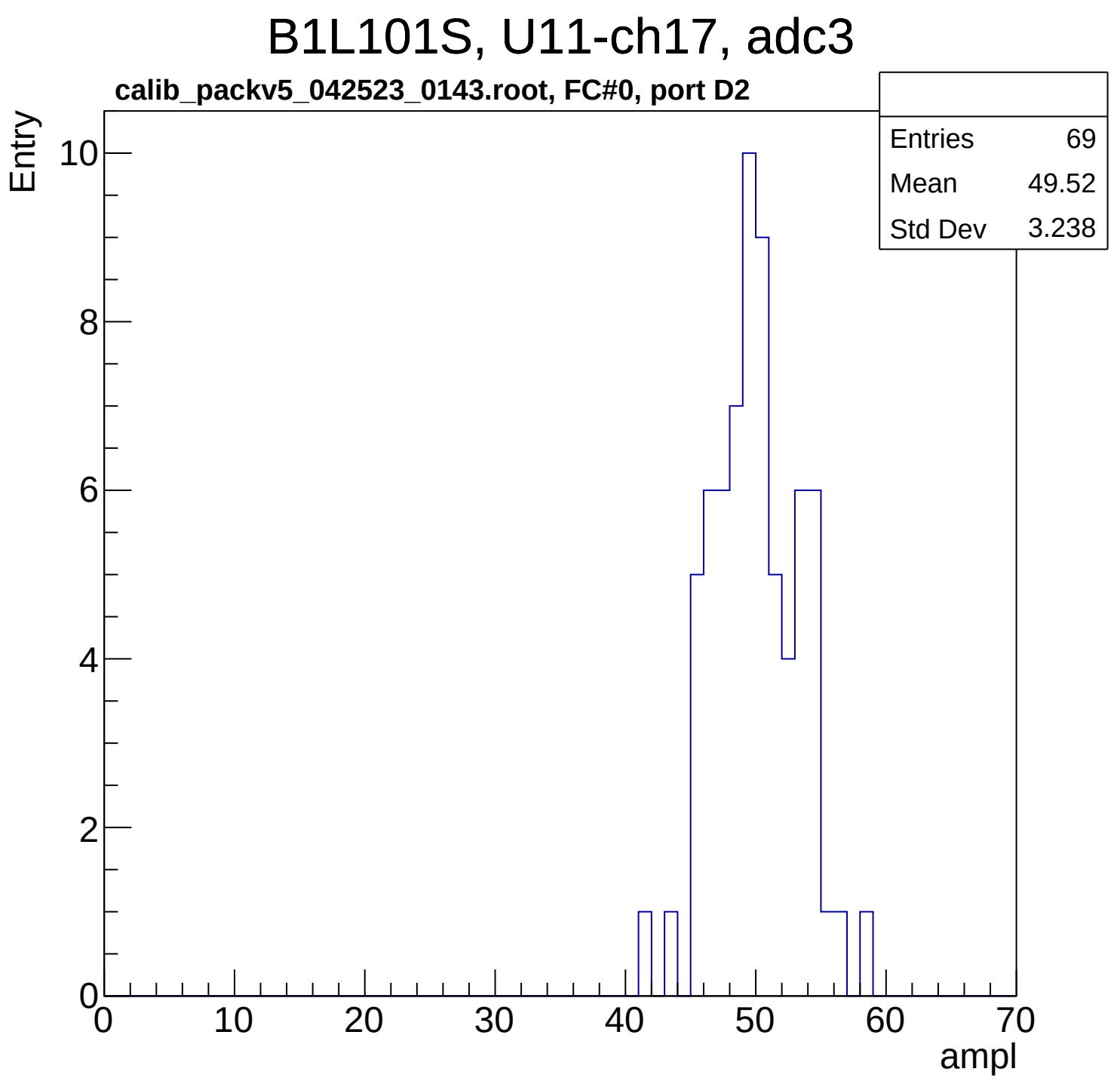

B1L101S, U11-ch17, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 42.81
Std Dev 3.069
Gaus mean : 43.2814
Gaus Width: 3.8186
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch17, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 49.52
Std Dev 3.238
Entry
ampl
0
2
4
6
8
10
0
10
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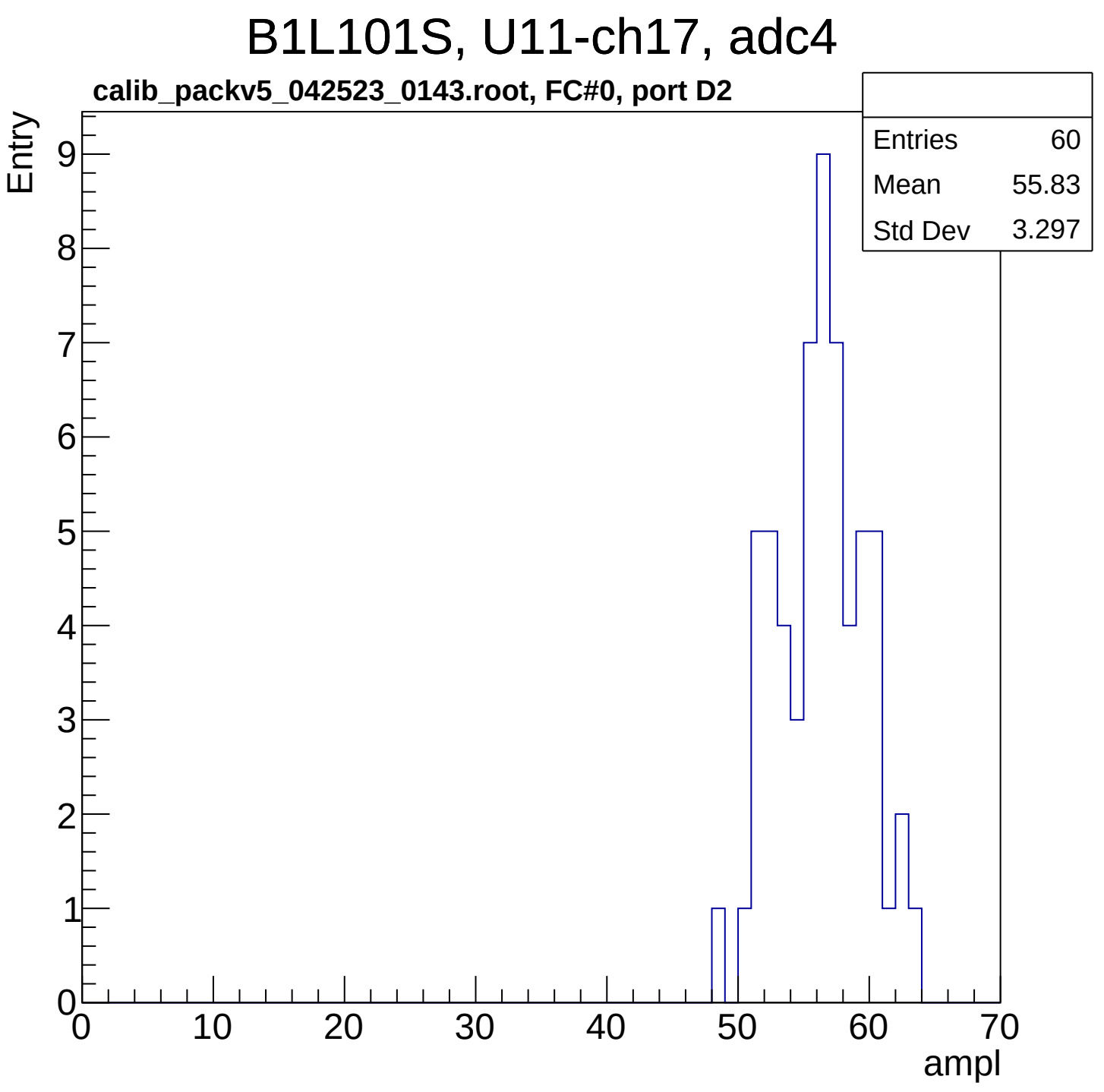
30
40
50
60
70


B1L101S, U11-ch17, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 55.83
Std Dev 3.297
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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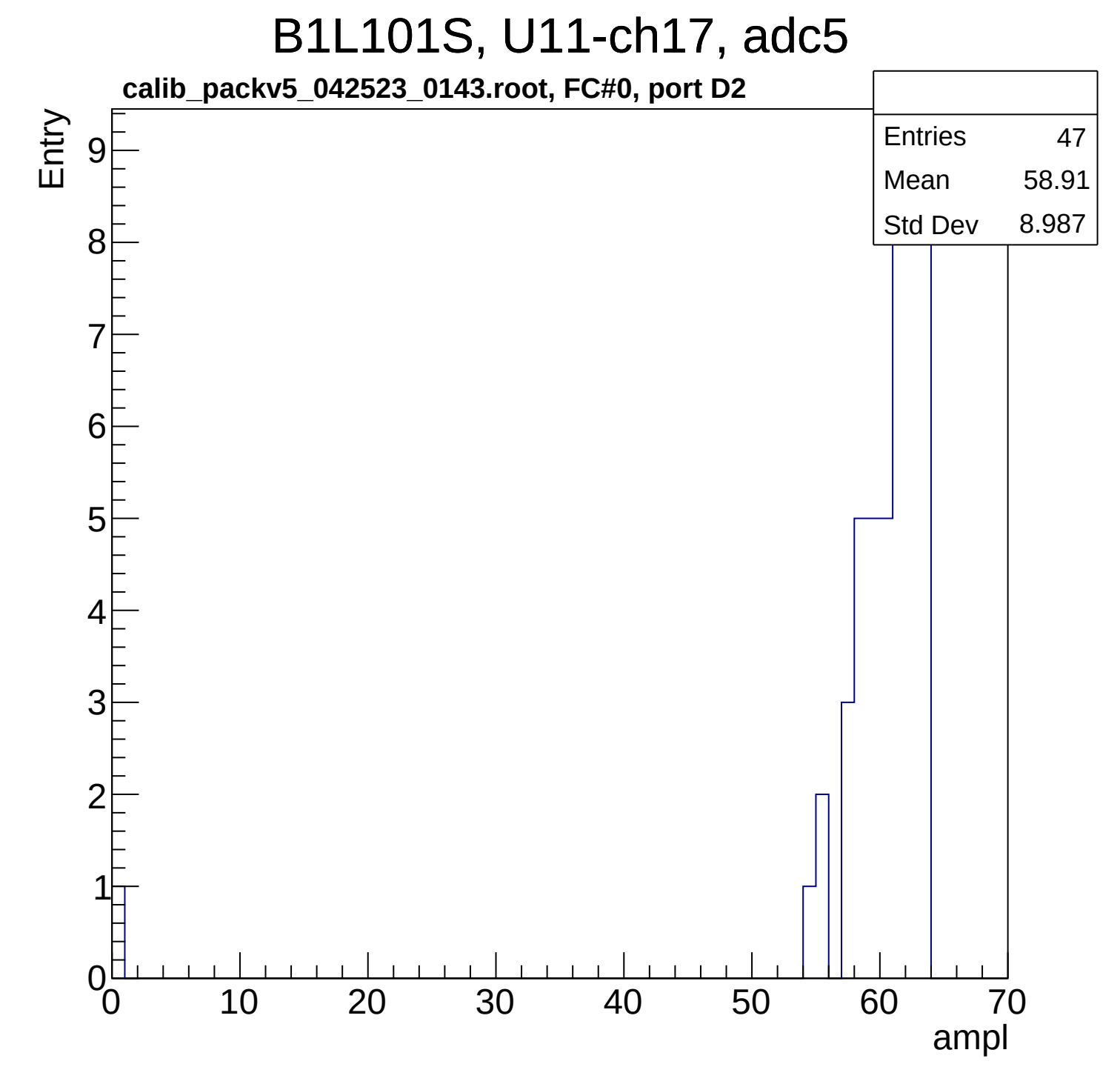
B1L101S, U11-ch17, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 47
Mean 58.91
Std Dev 8.987
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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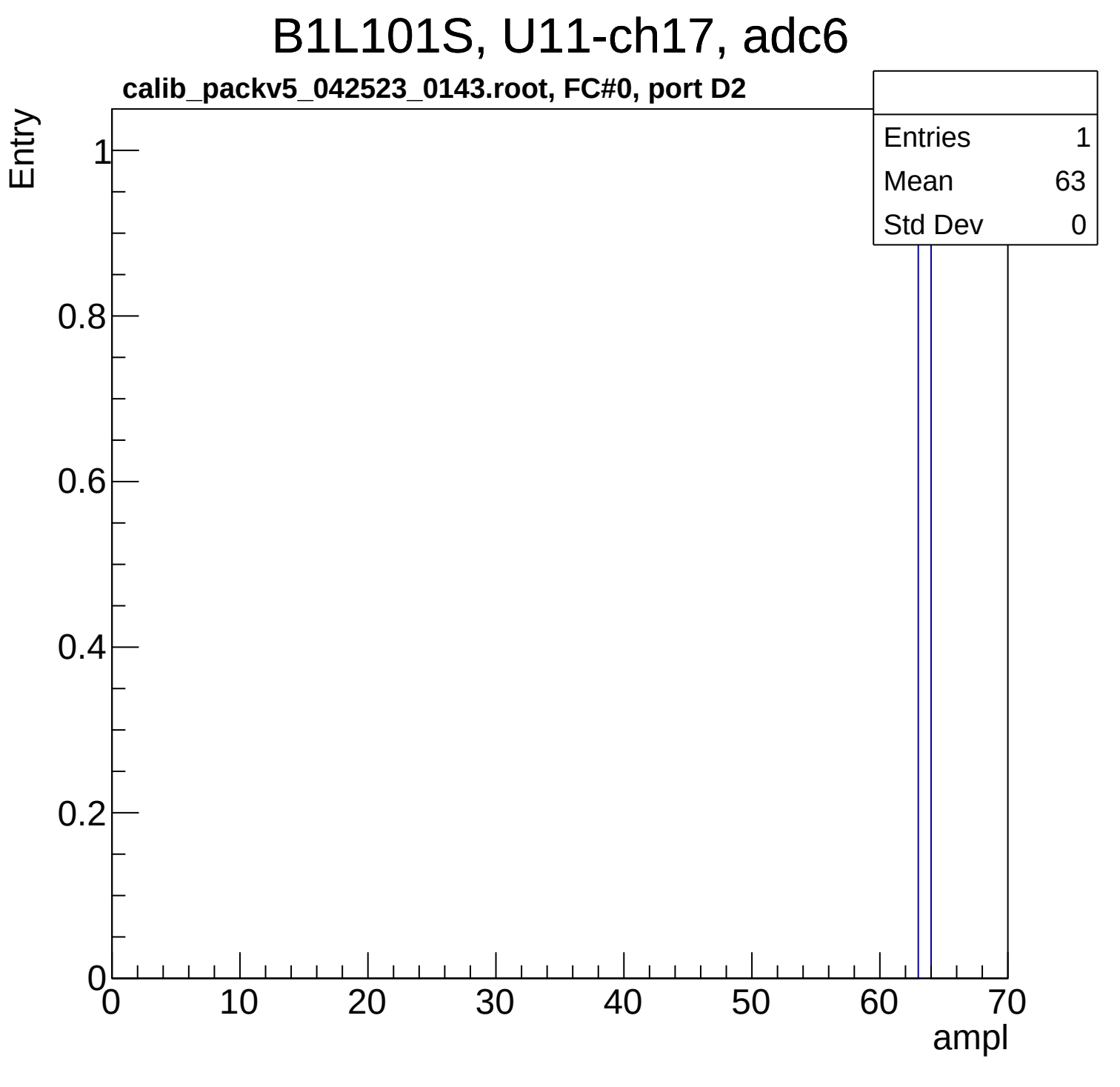
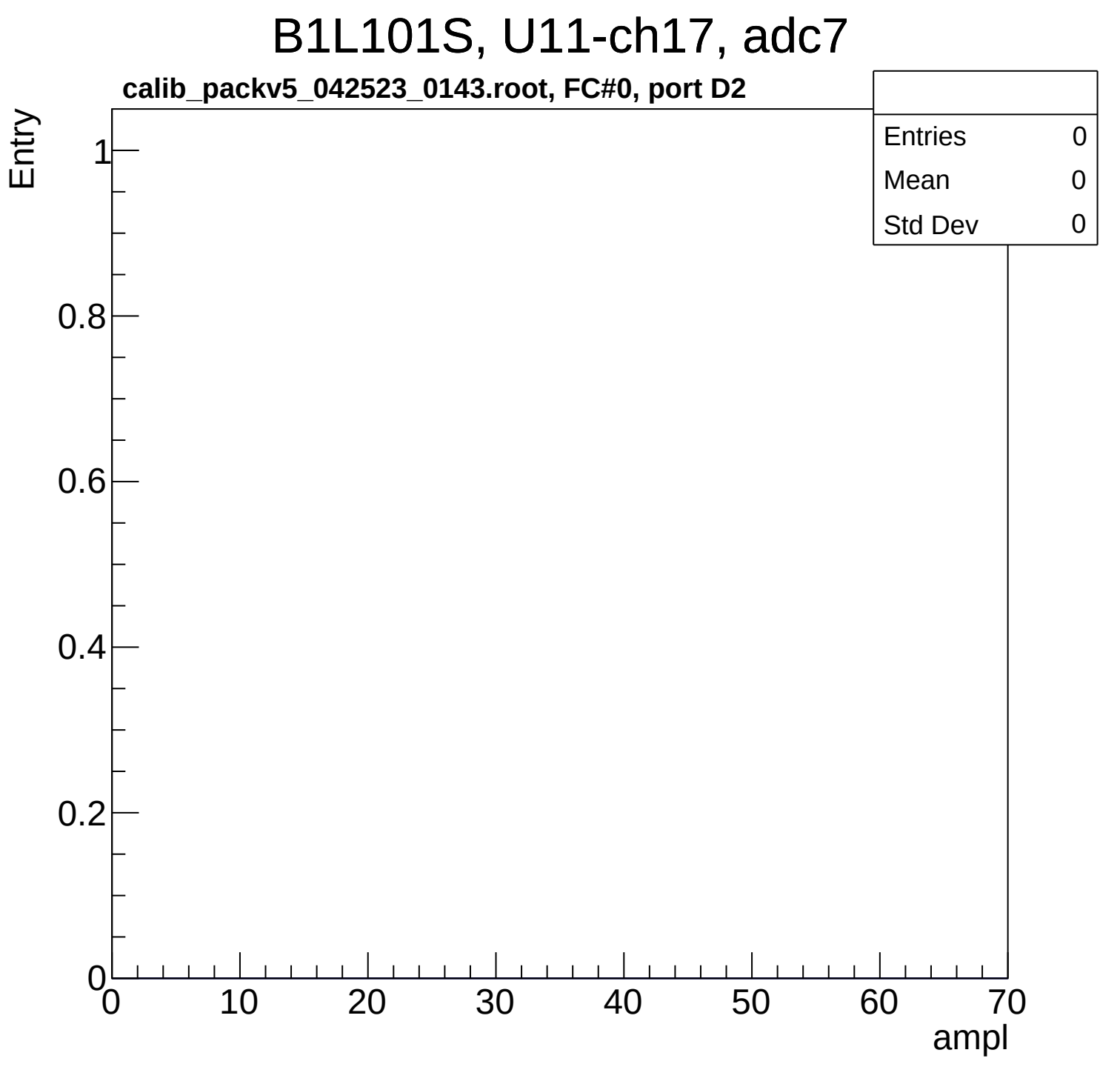

B1L101S, U11-ch17, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch17, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
0
0
10
20
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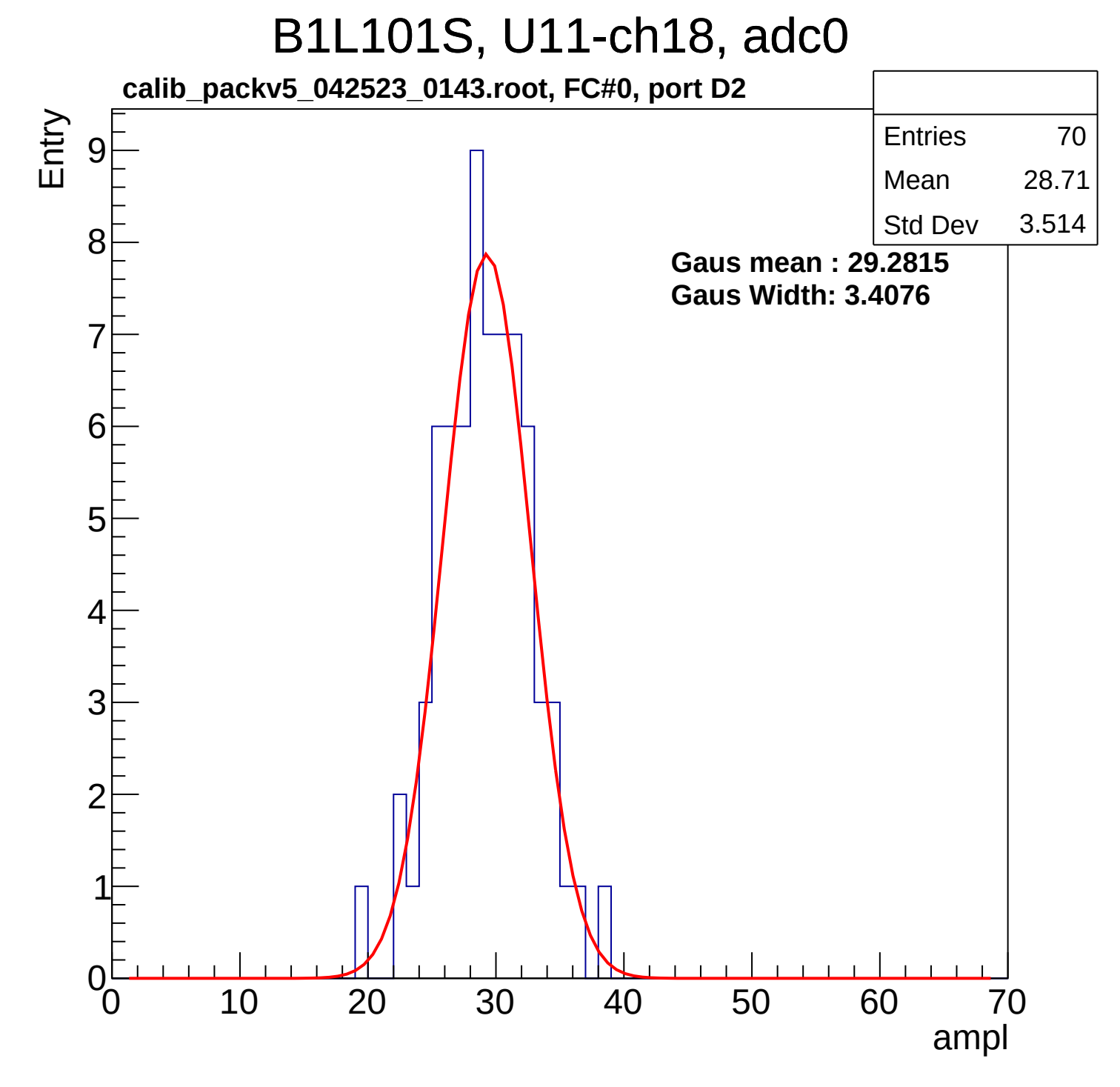
40
50
60
70
ampl


B1L101S, U11-ch18, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 28.71
Std Dev 3.514
Gaus mean : 29.2815
Gaus Width: 3.4076
Entry
ampl
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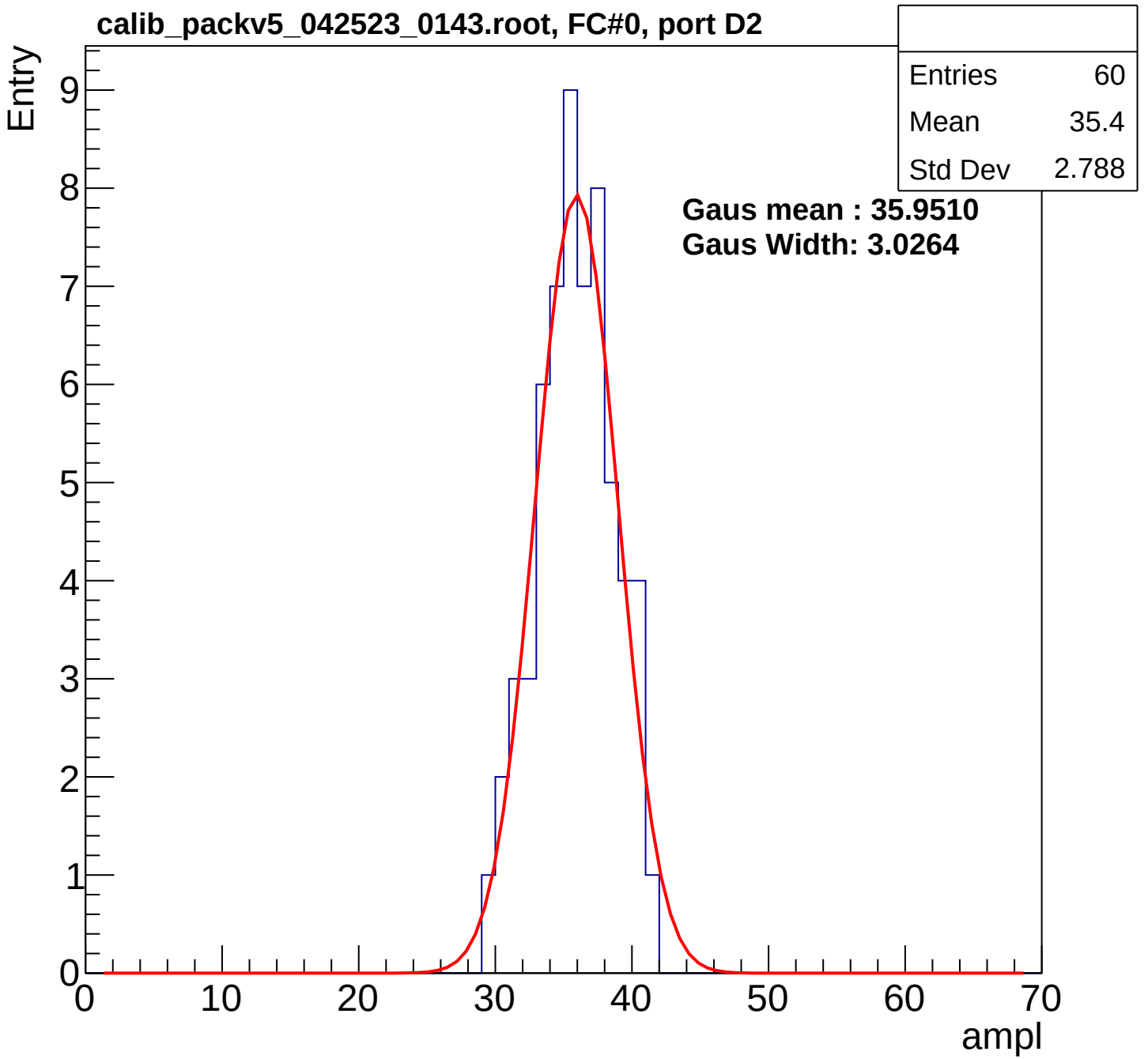
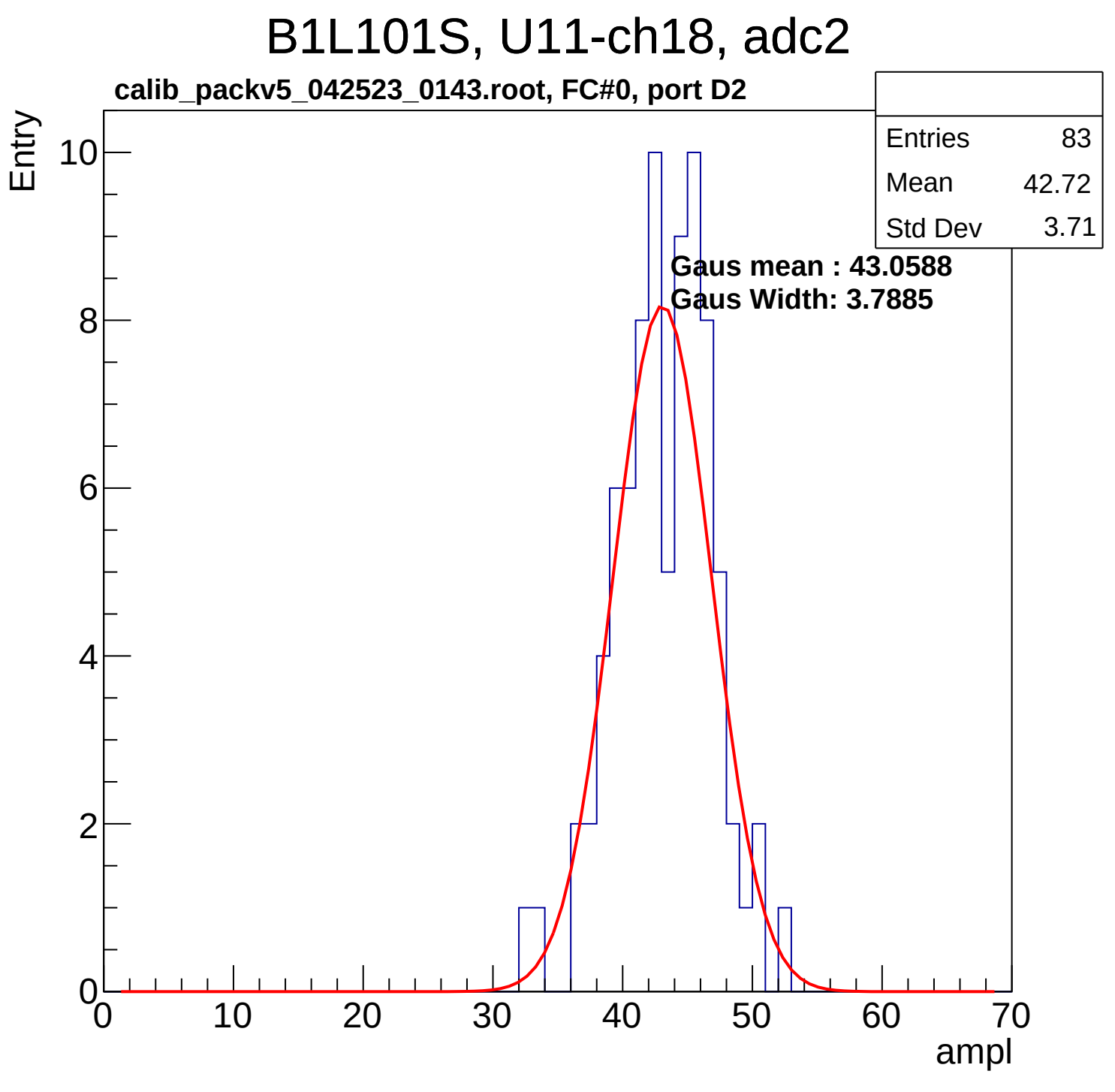
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch18, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 35.4
Std Dev 2.788
Gaus mean : 35.9510
Gaus Width: 3.0264
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch18, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 83
Mean 42.72
Std Dev 3.71
Gaus mean : 43.0588
Gaus Width: 3.7885
Entry
ampl
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2
4
6
8
10
0
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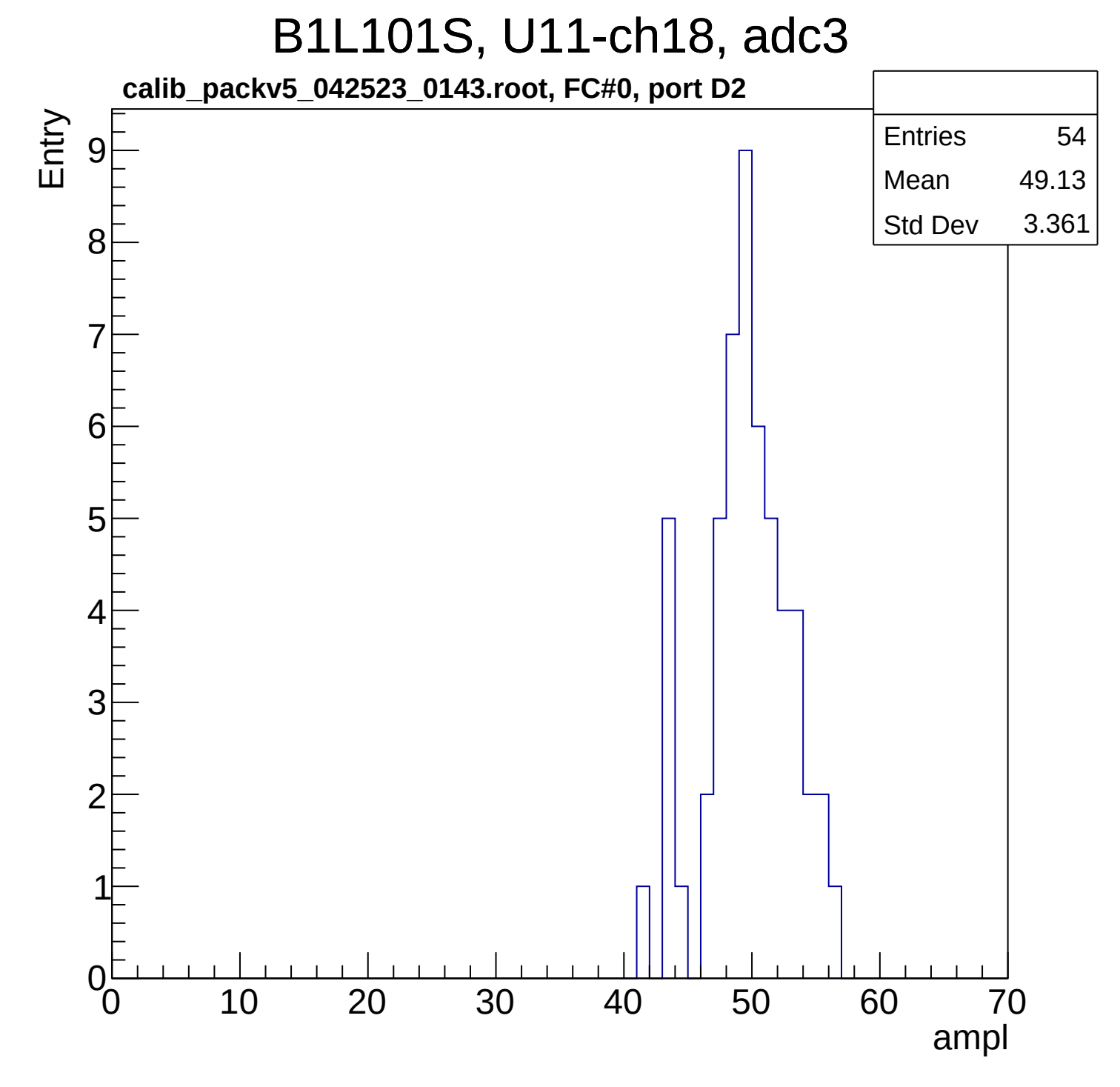
20
30
40
50
60
70


B1L101S, U11-ch18, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 54
Mean 49.13
Std Dev 3.361
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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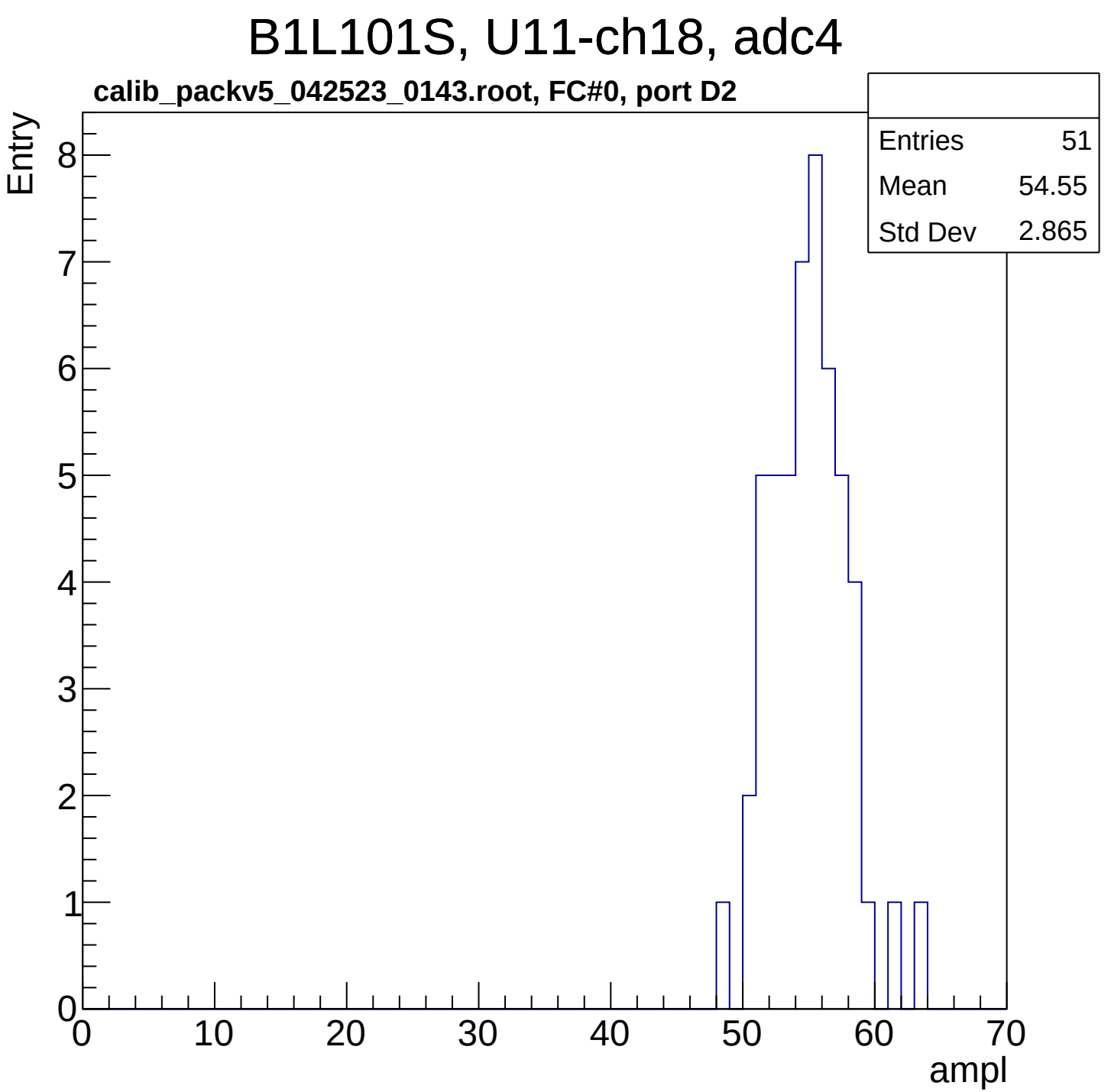
B1L101S, U11-ch18, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 54.55
Std Dev 2.865
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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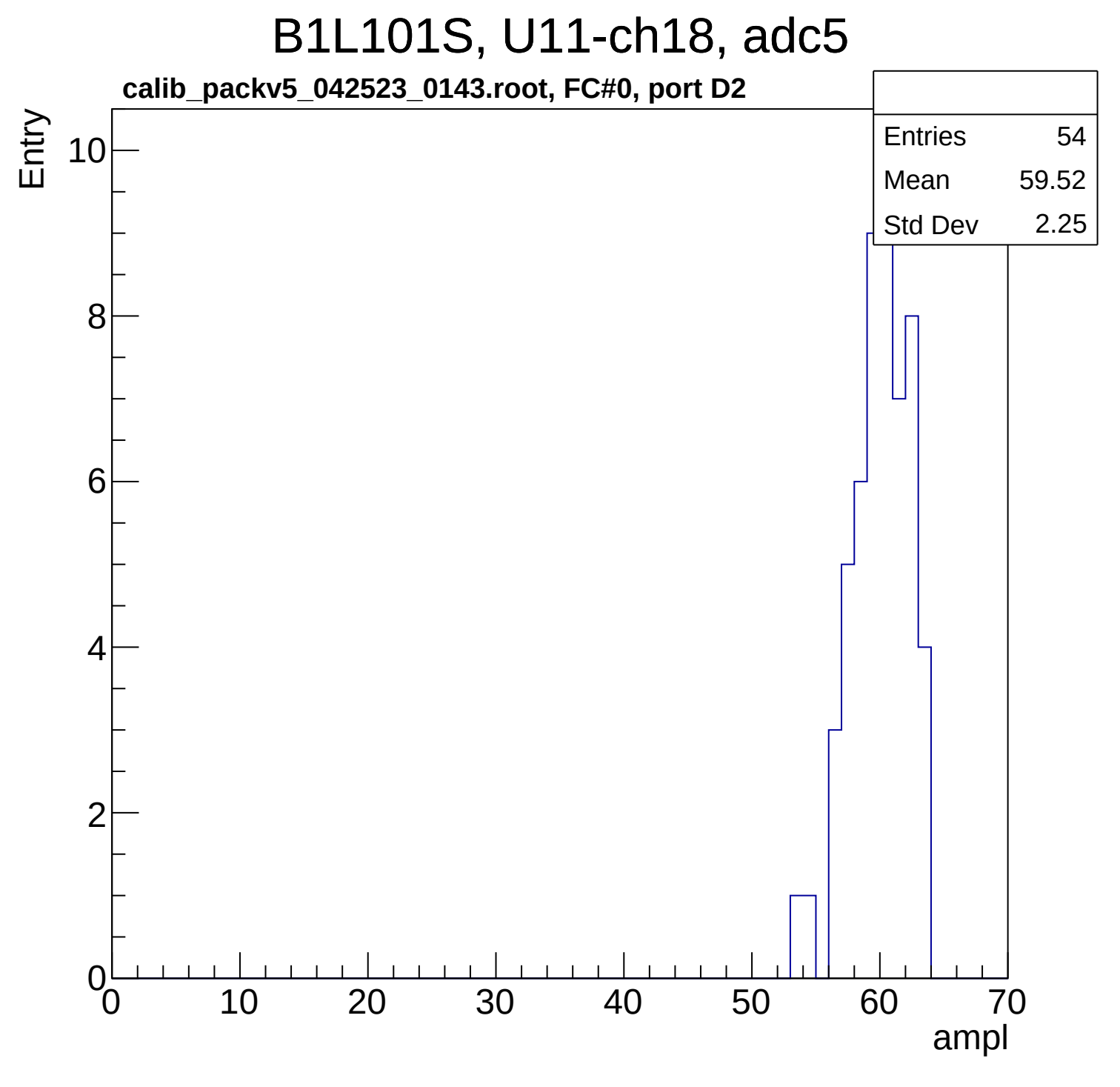
B1L101S, U11-ch18, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 54
Mean 59.52
Std Dev 2.25
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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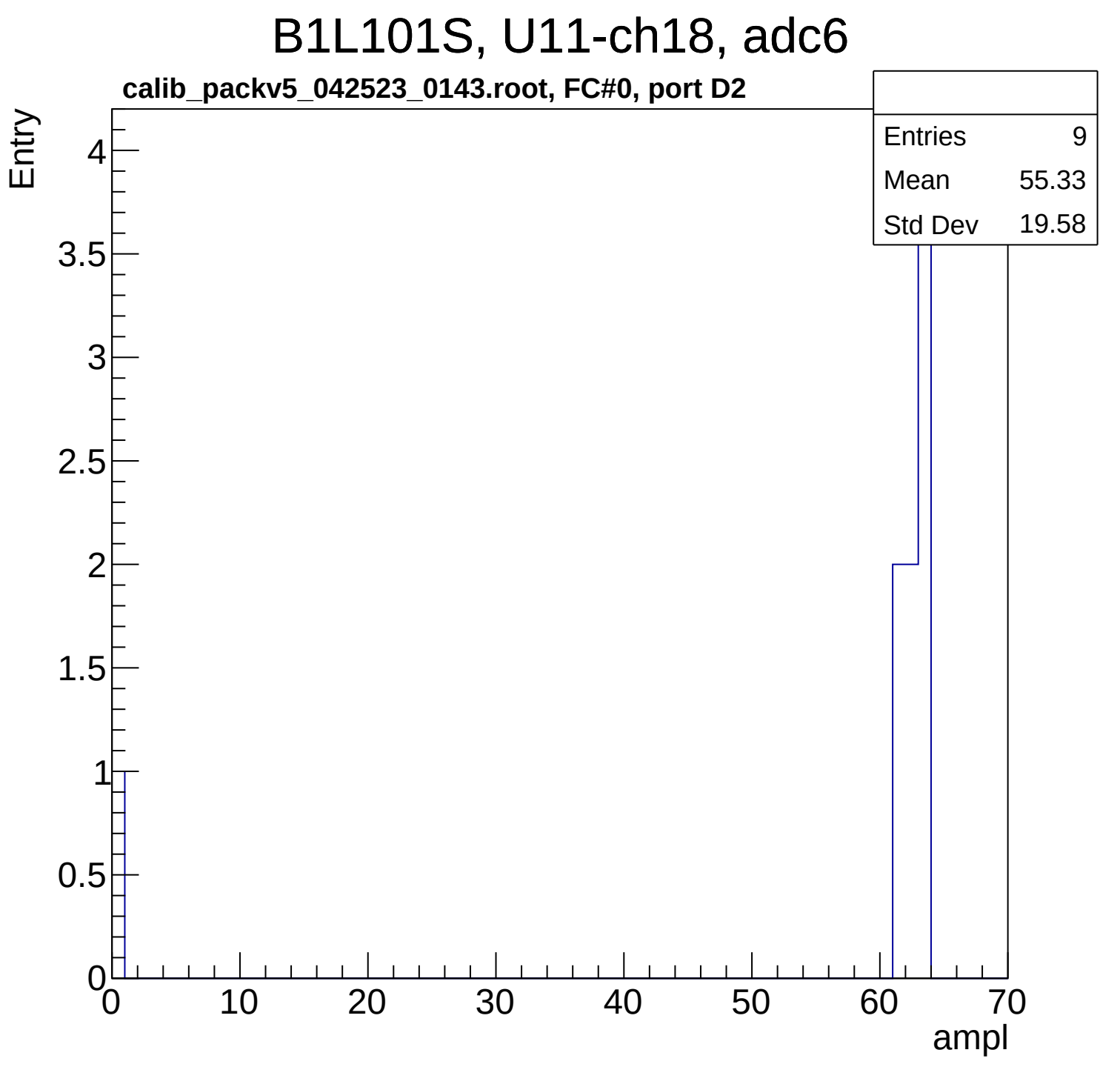
B1L101S, U11-ch18, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 9
Mean 55.33
Std Dev 19.58
Entry
ampl
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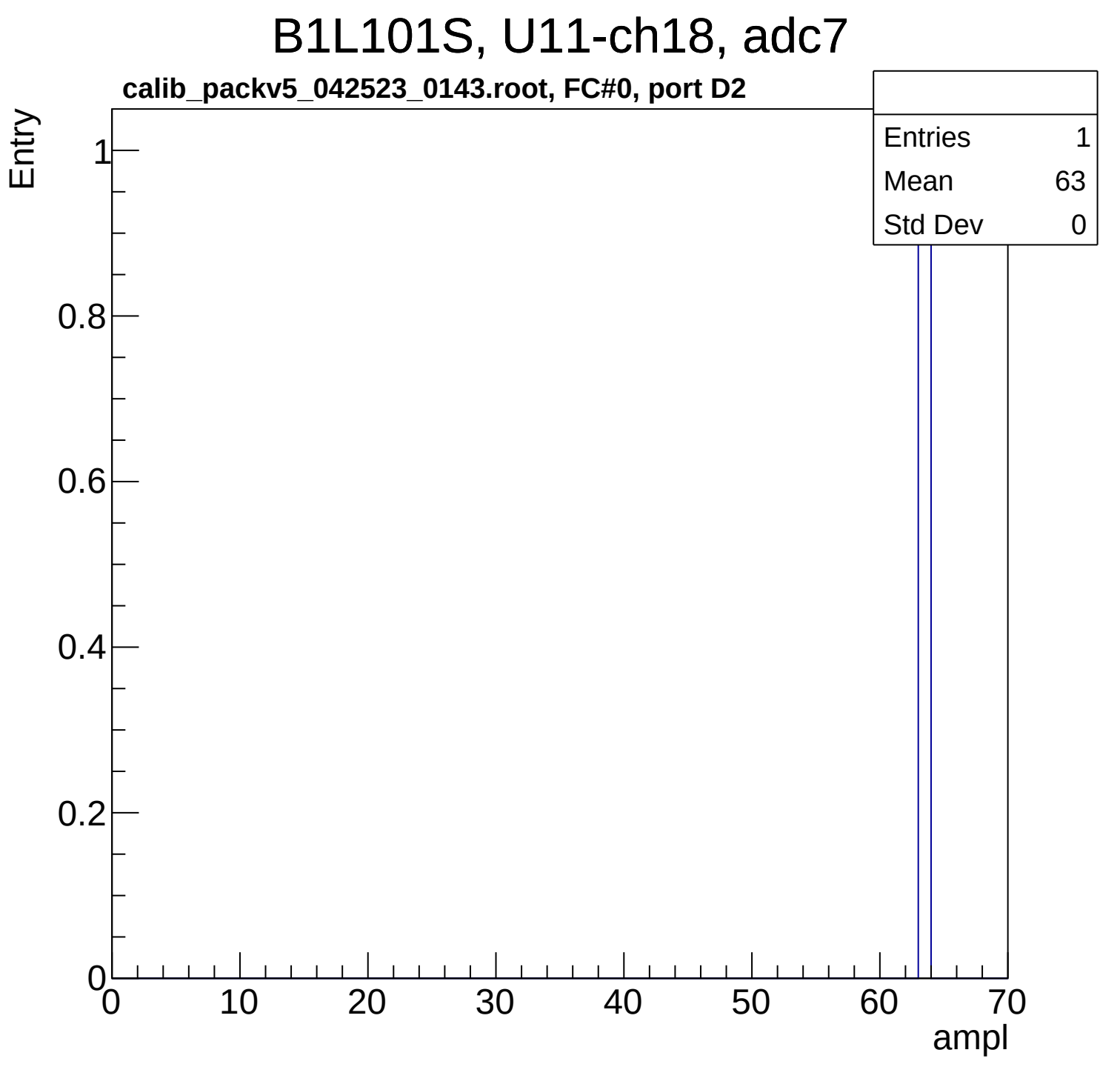
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L101S, U11-ch18, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 63
Std Dev 0
Entry
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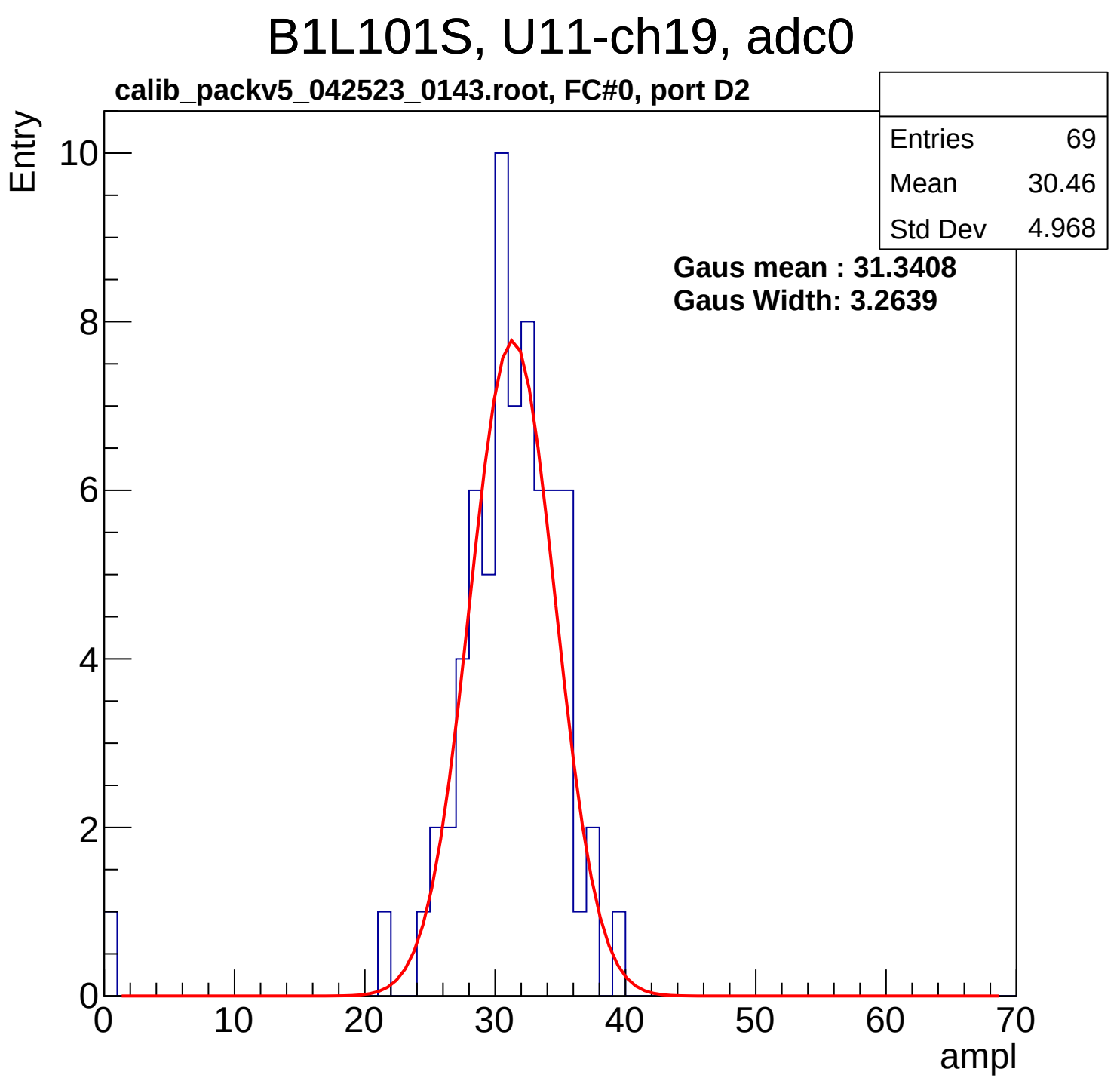
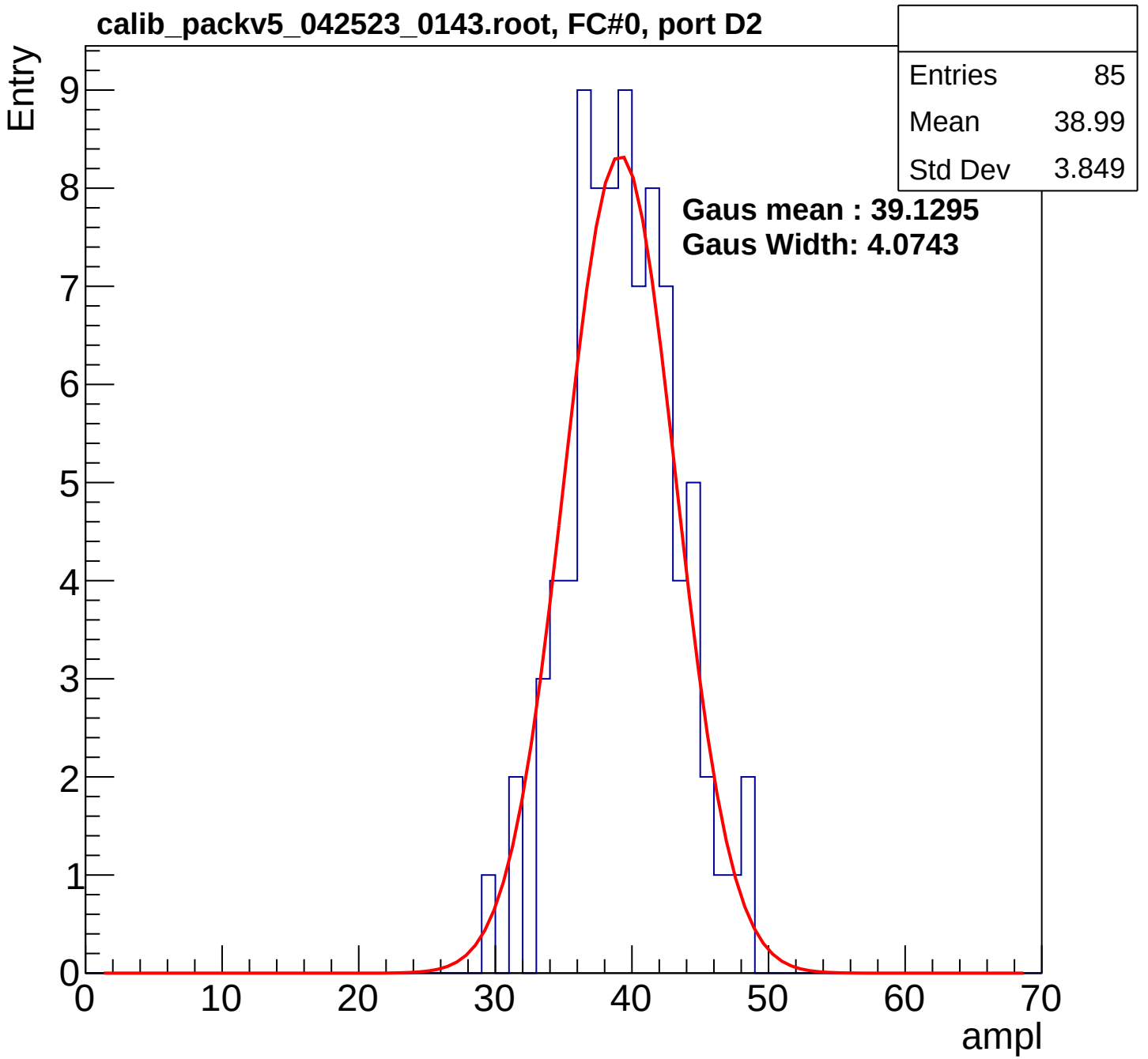
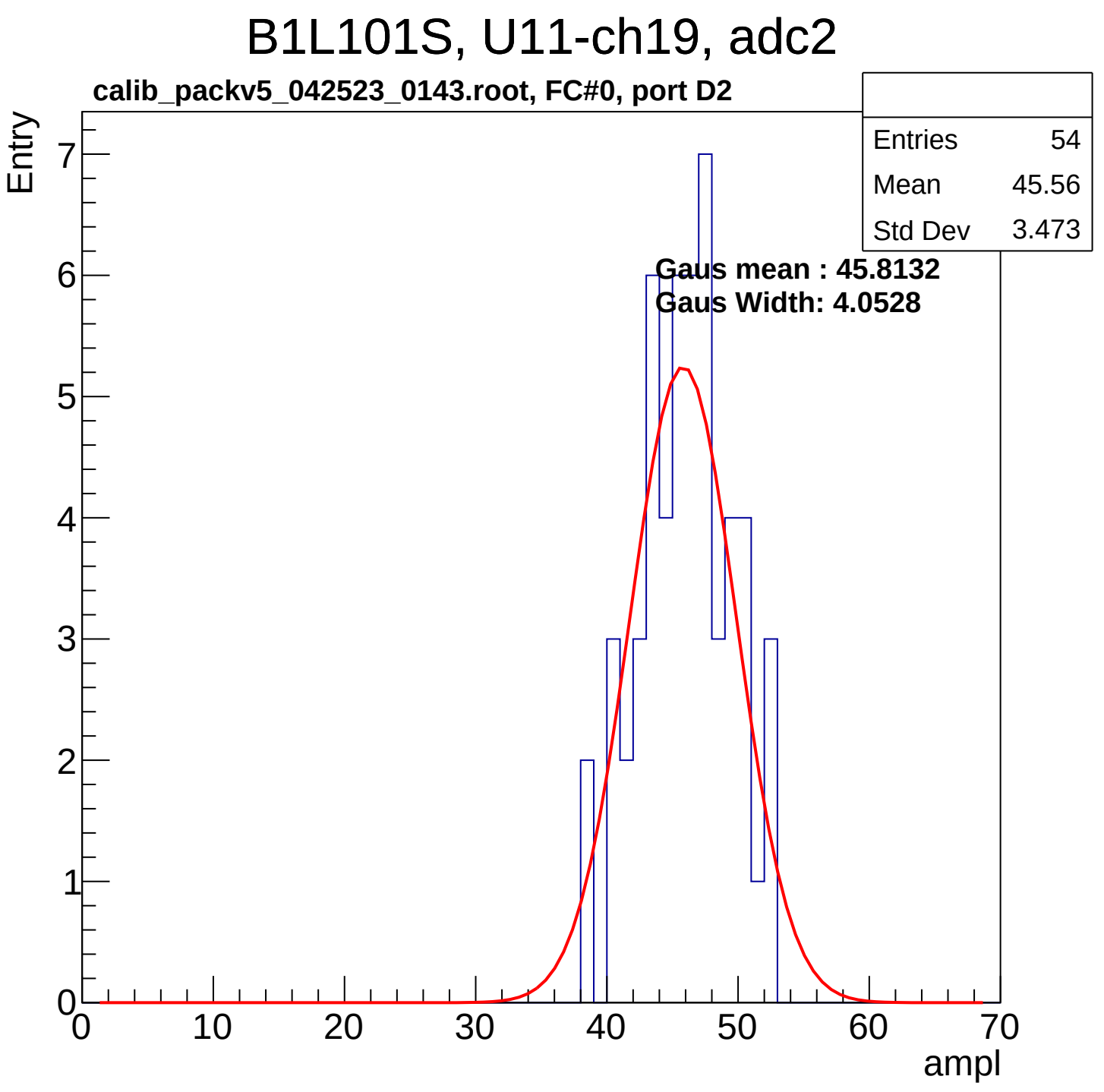
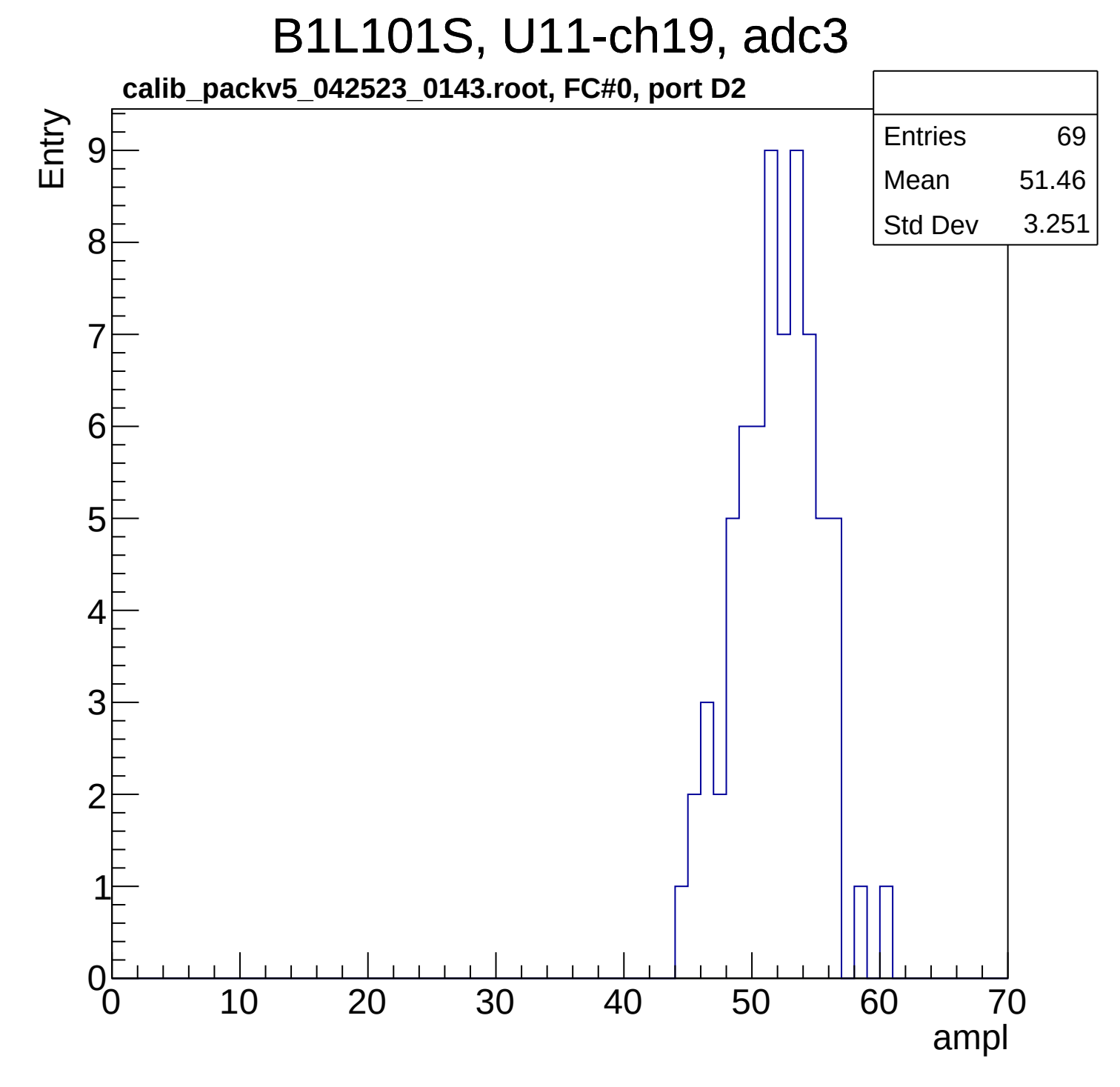
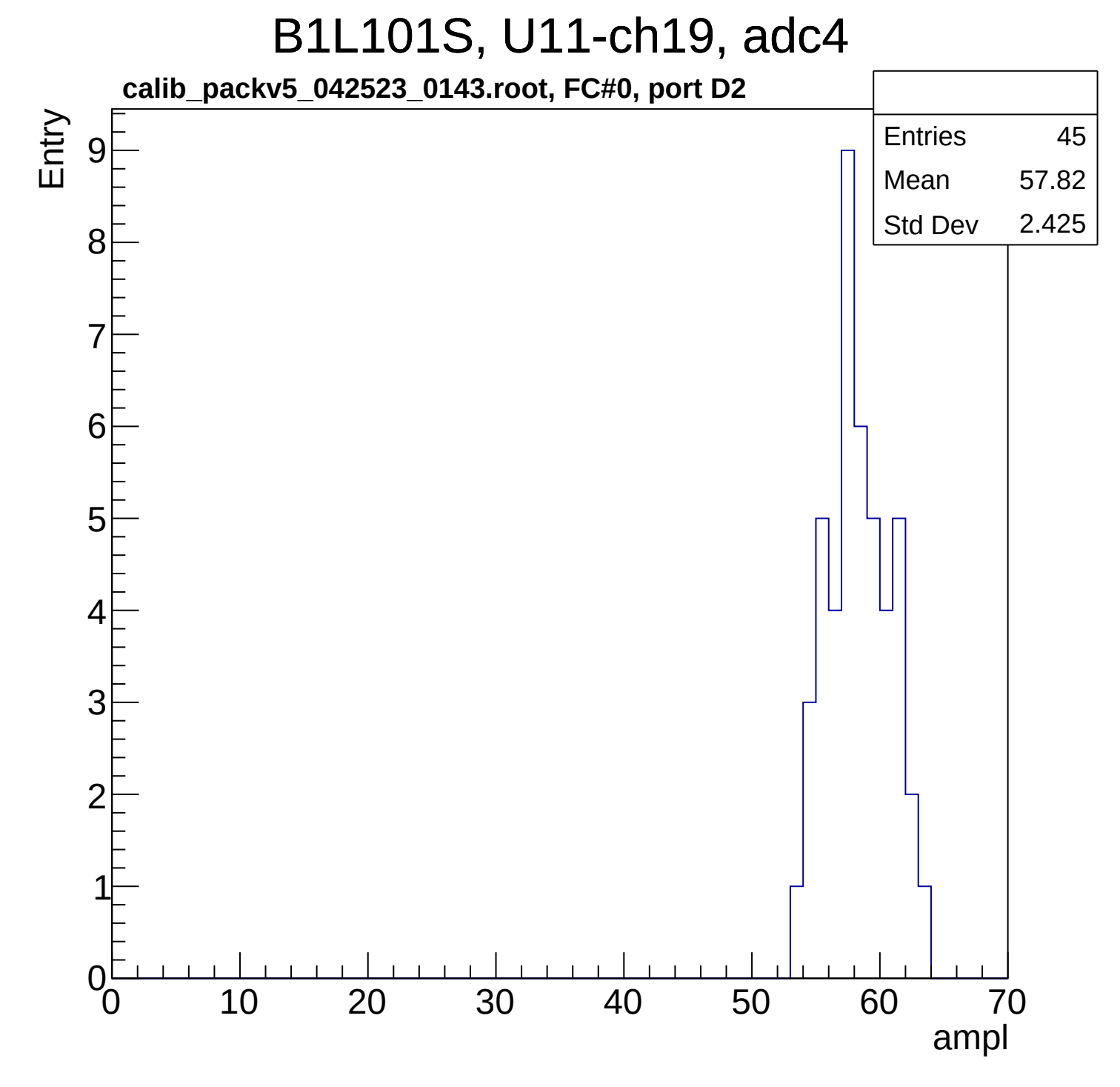
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

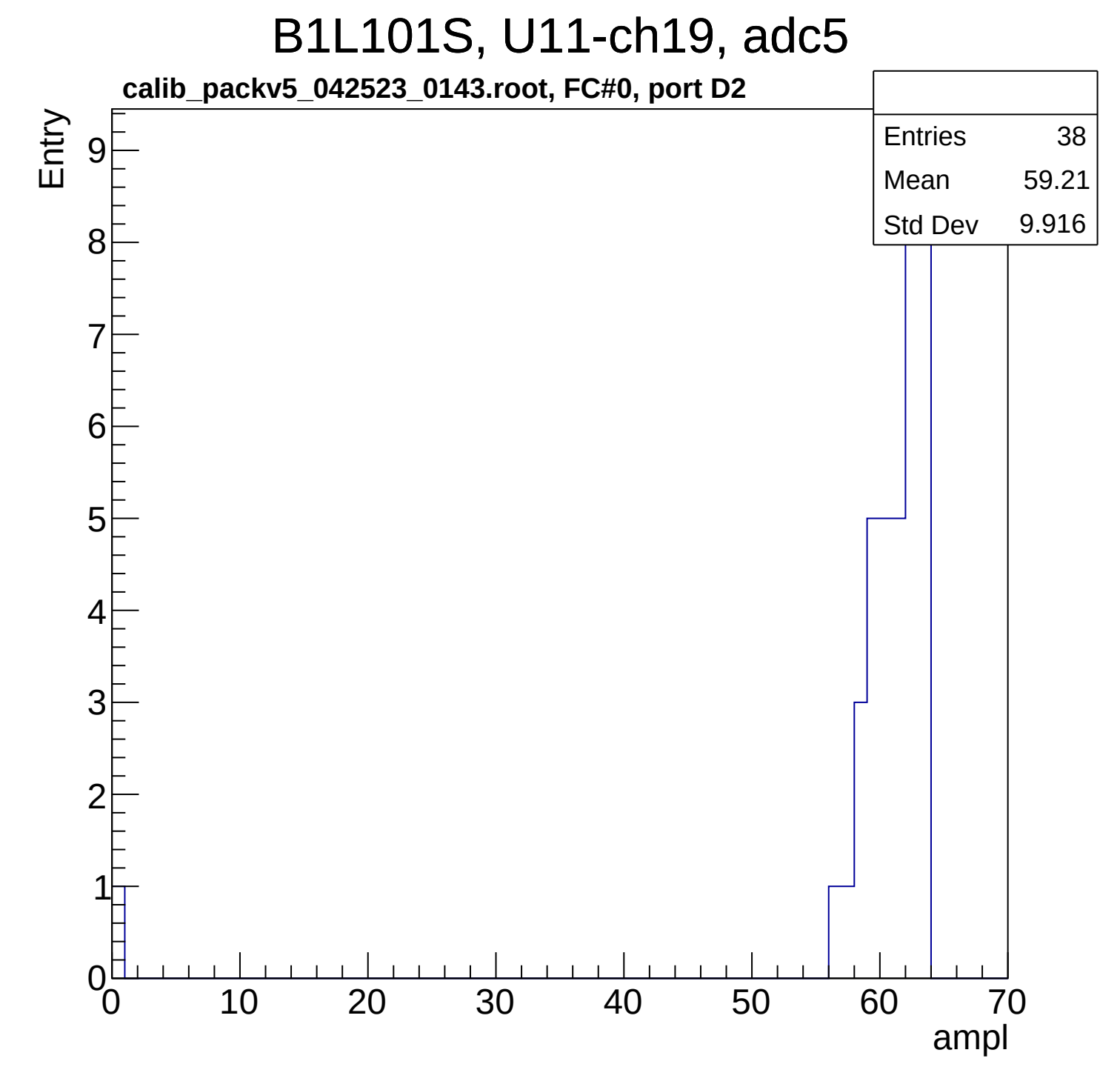

B1L101S, U11-ch19, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 30.46
Std Dev 4.968
Gaus mean : 31.3408
Gaus Width: 3.2639
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

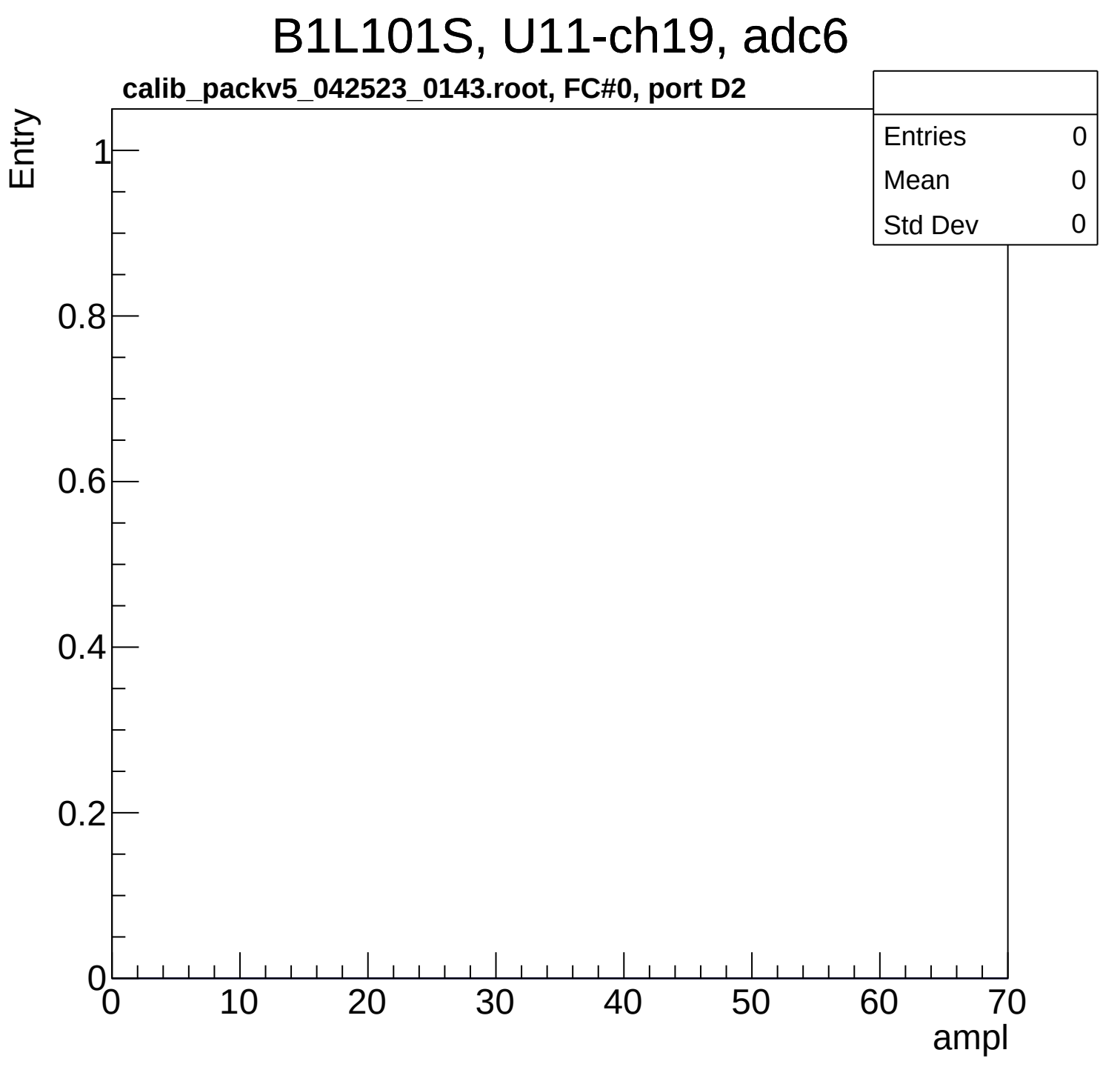

B1L101S, U11-ch19, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 85
Mean 38.99
Std Dev 3.849
Gaus mean : 39.1295
Gaus Width: 4.0743
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

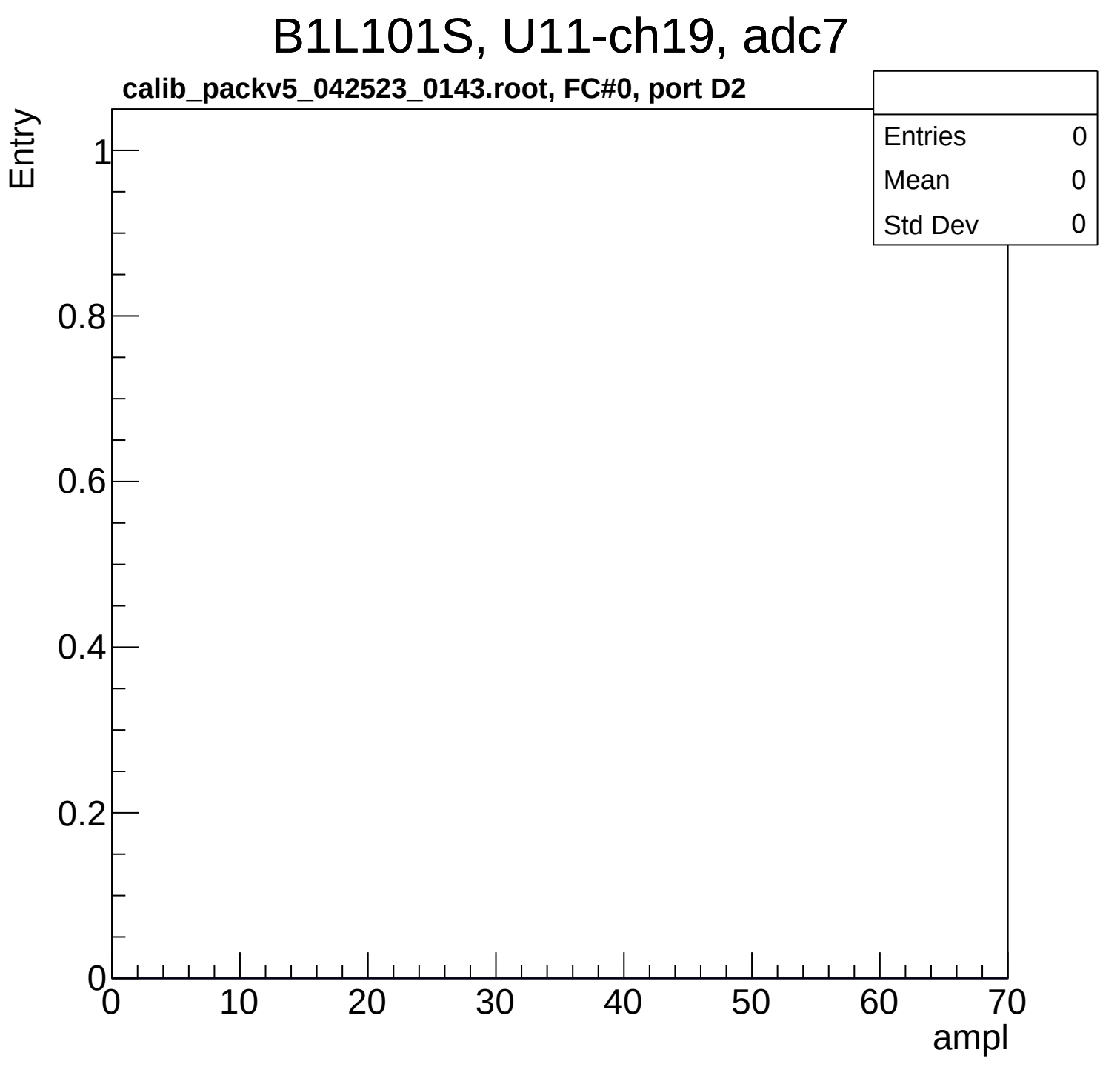

B1L101S, U11-ch19, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 54
Mean 45.56
Std Dev 3.473
Gaus mean : 45.8132
Gaus Width: 4.0528
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

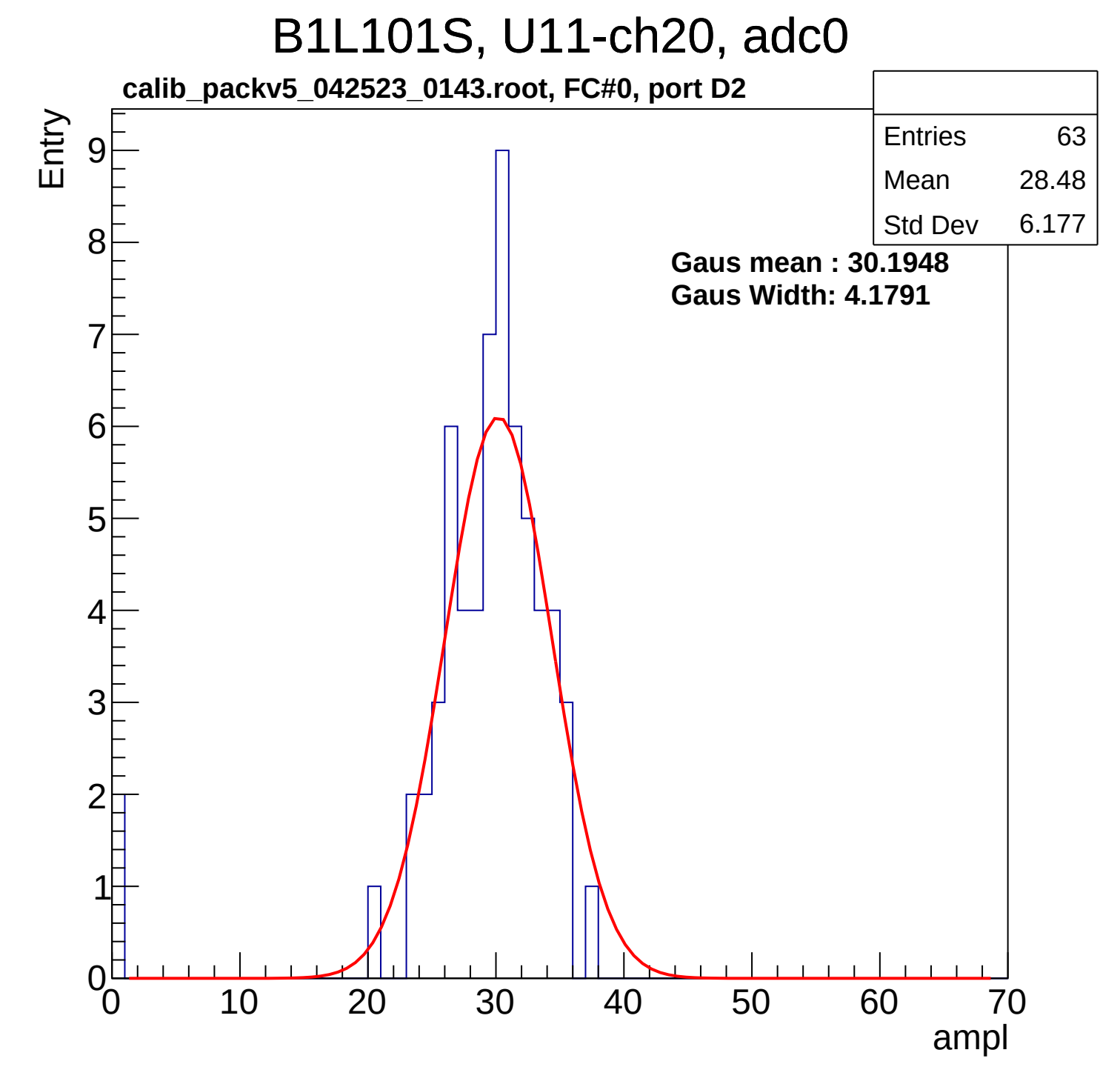

B1L101S, U11-ch19, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 51.46
Std Dev 3.251
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

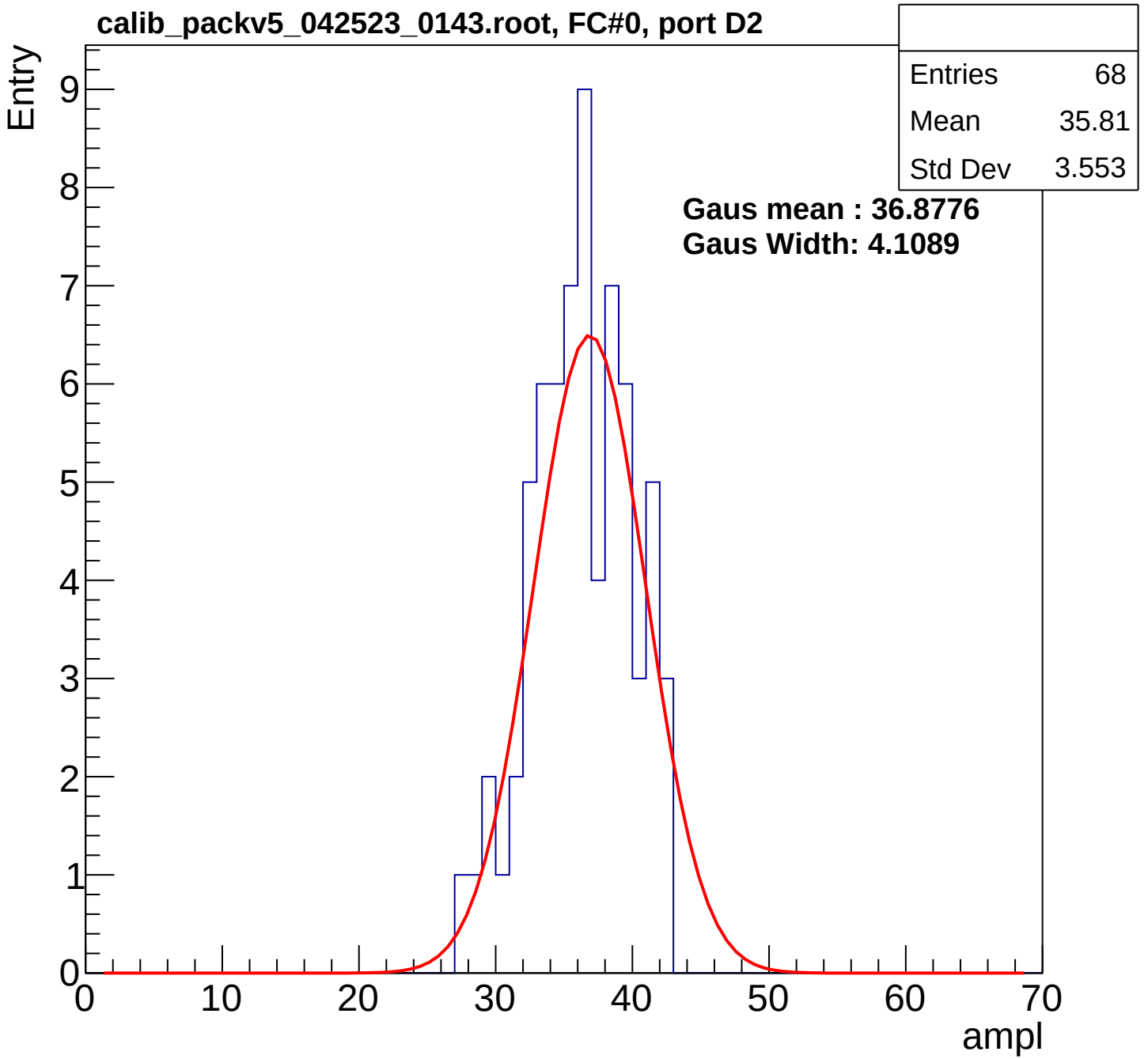

B1L101S, U11-ch19, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 45
Mean 57.82
Std Dev 2.425
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

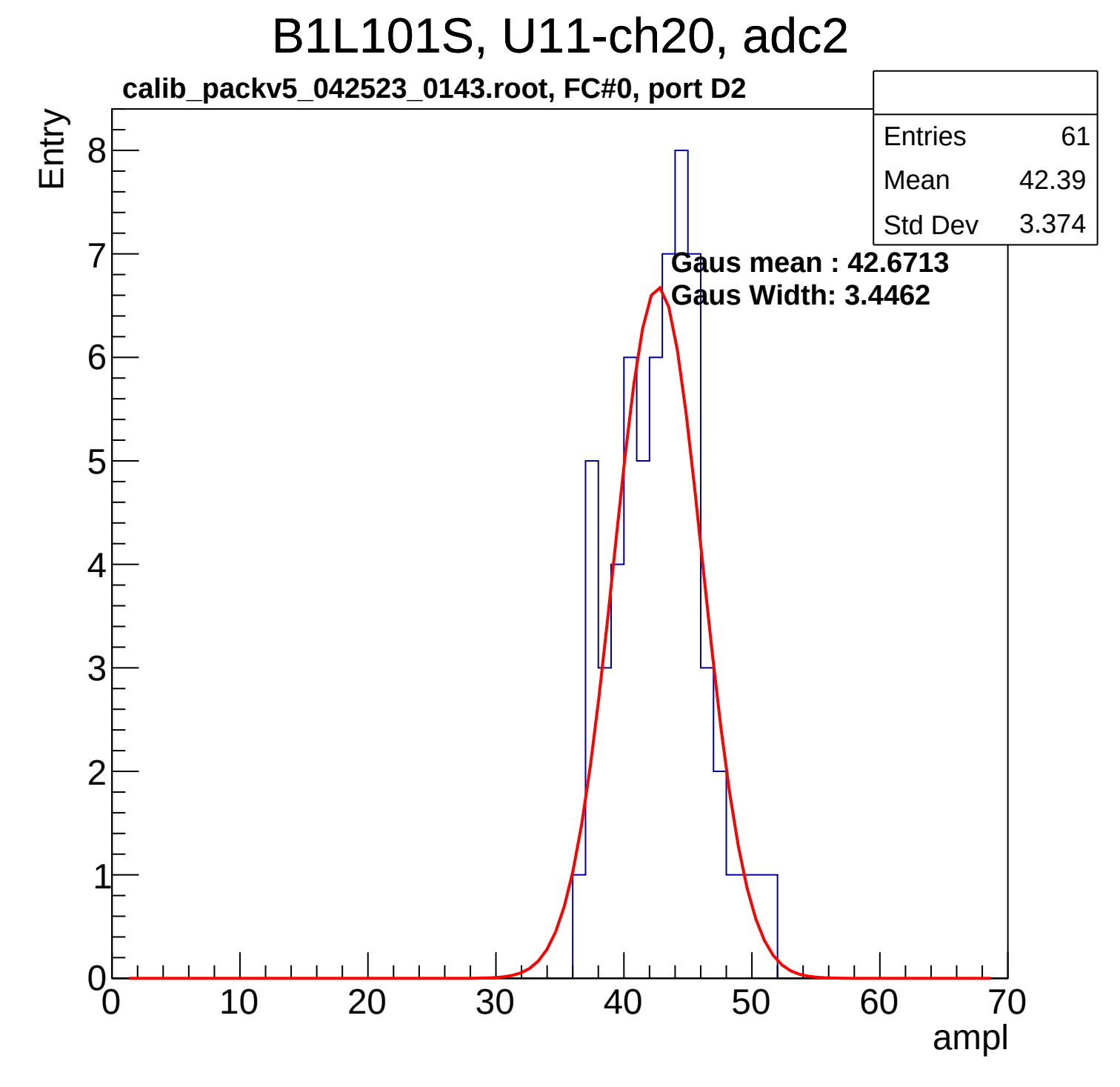

B1L101S, U11-ch19, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 38
Mean 59.21
Std Dev 9.916
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

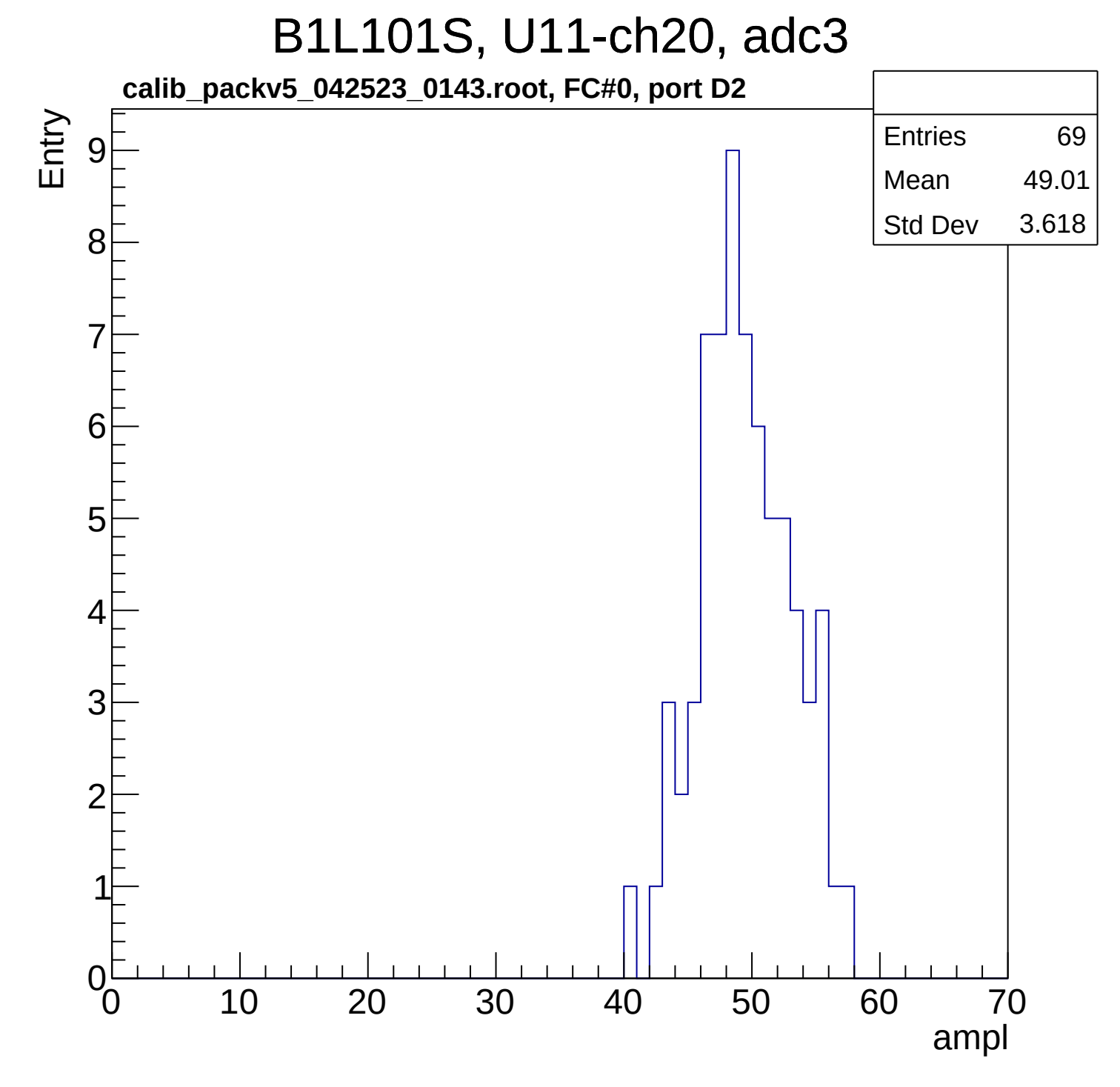

B1L101S, U11-ch19, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

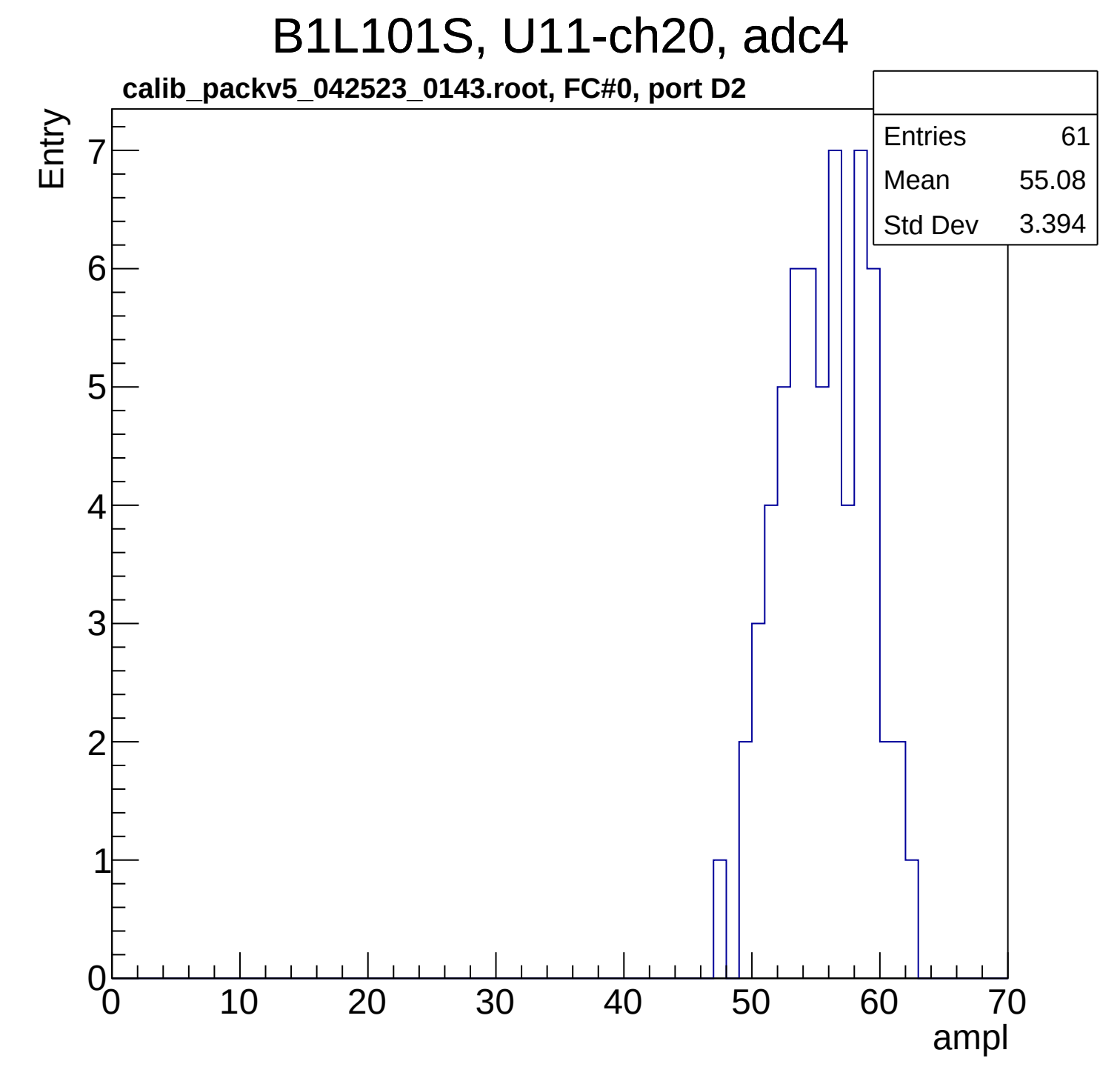

B1L101S, U11-ch19, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

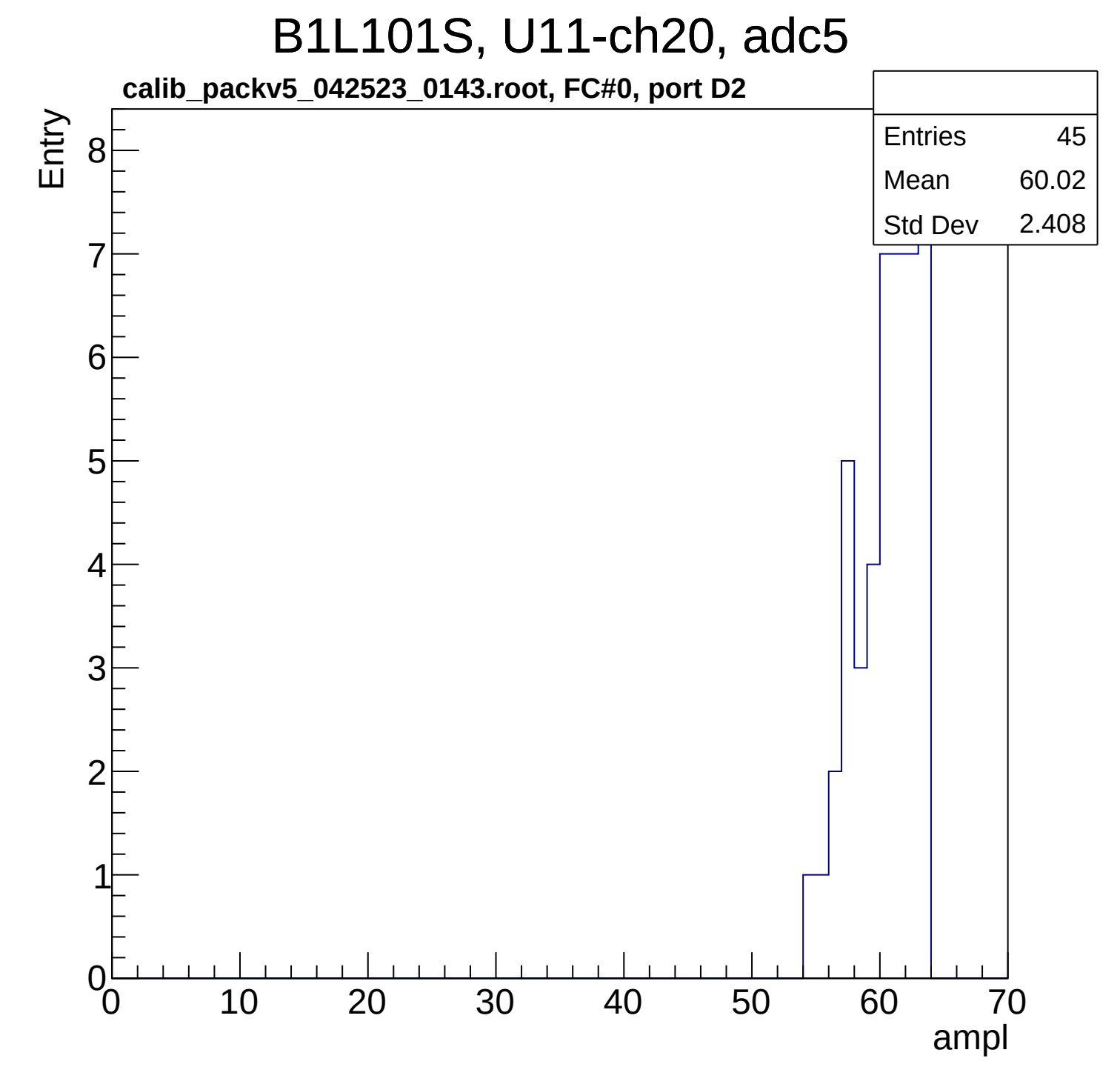

B1L101S, U11-ch20, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 28.48
Std Dev 6.177
Gaus mean : 30.1948
Gaus Width: 4.1791
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

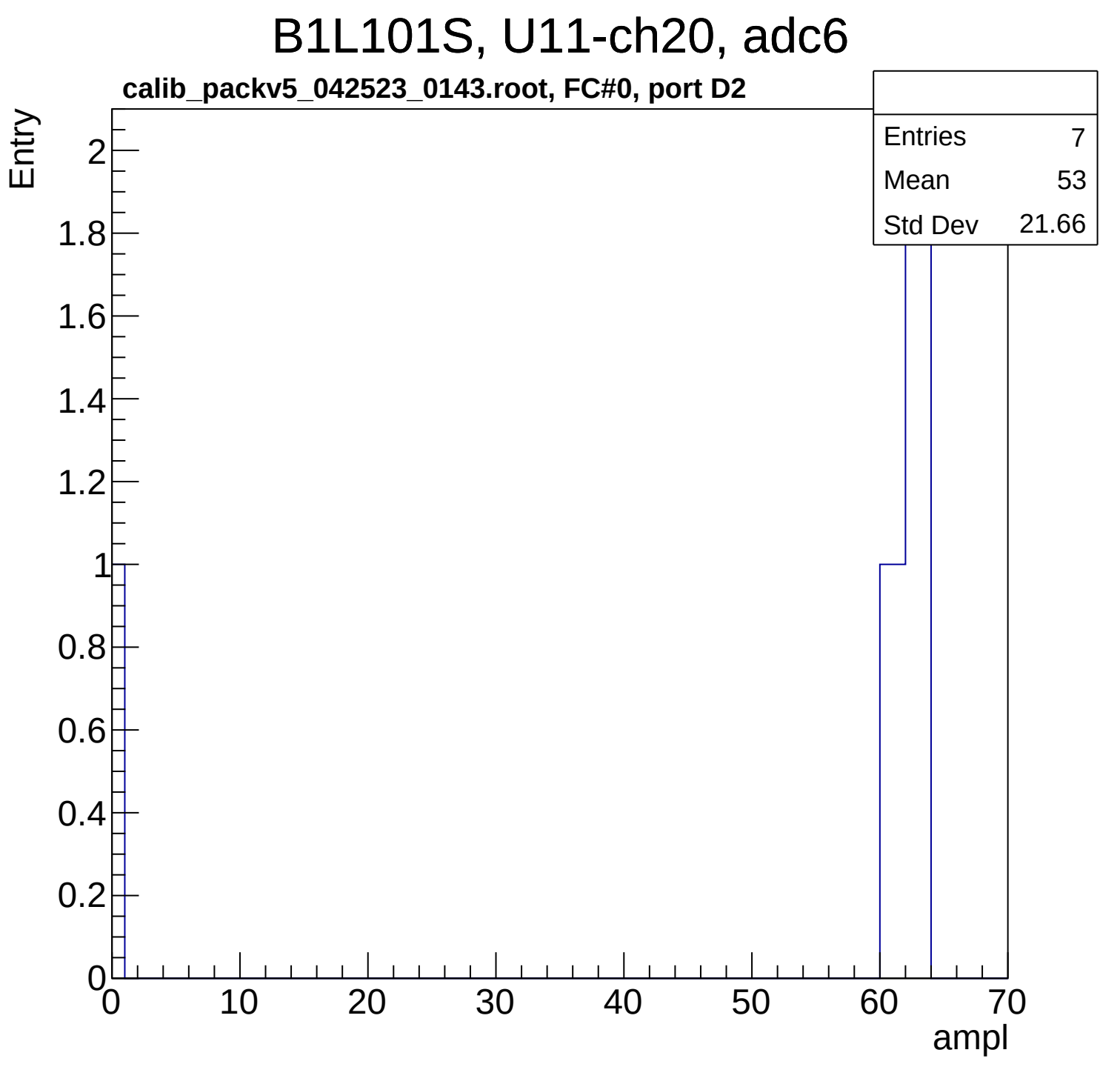

B1L101S, U11-ch20, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 35.81
Std Dev 3.553
Gaus mean : 36.8776
Gaus Width: 4.1089
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

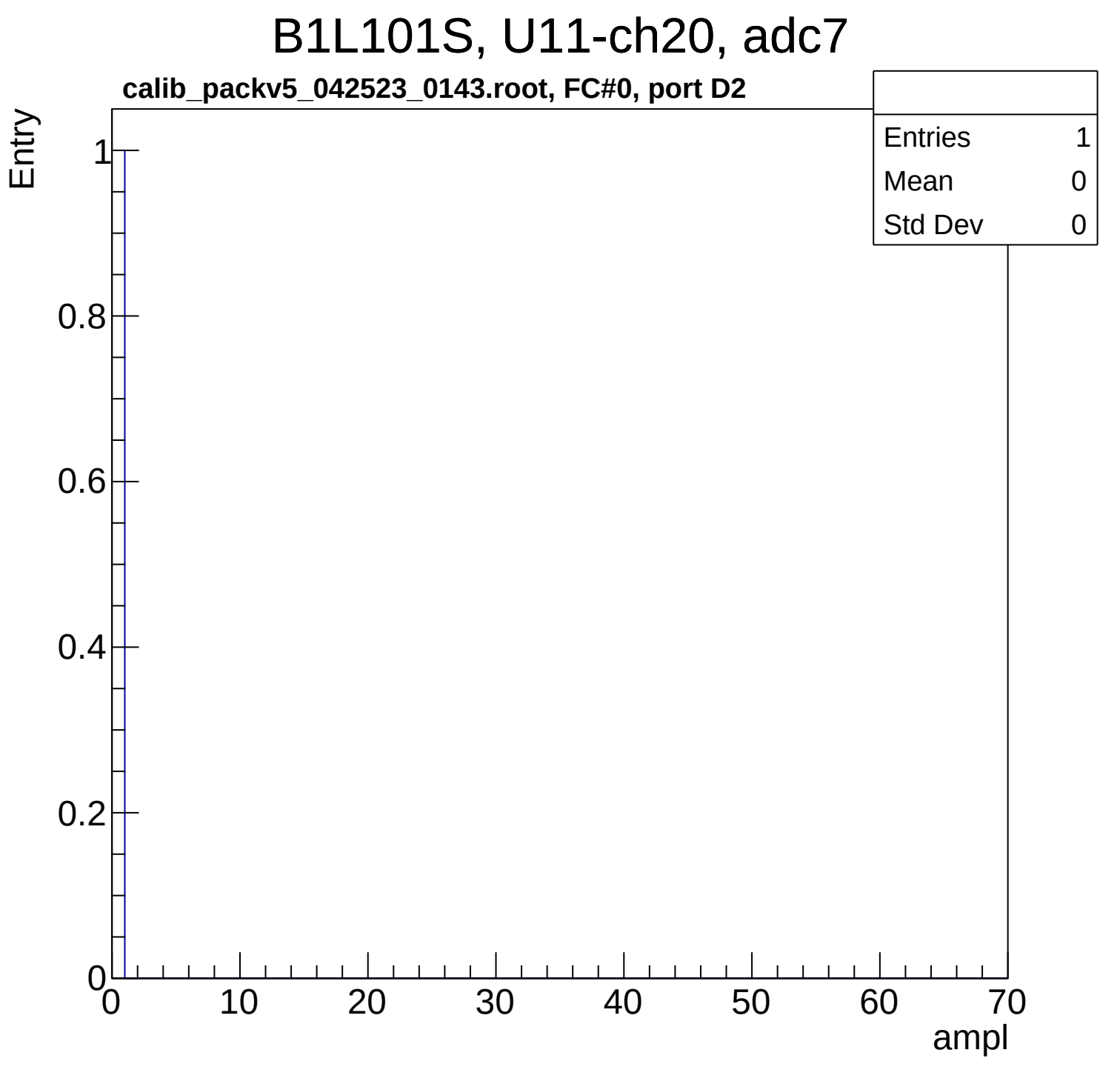

B1L101S, U11-ch20, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 42.39
Std Dev 3.374
Gaus mean : 42.6713
Gaus Width: 3.4462
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

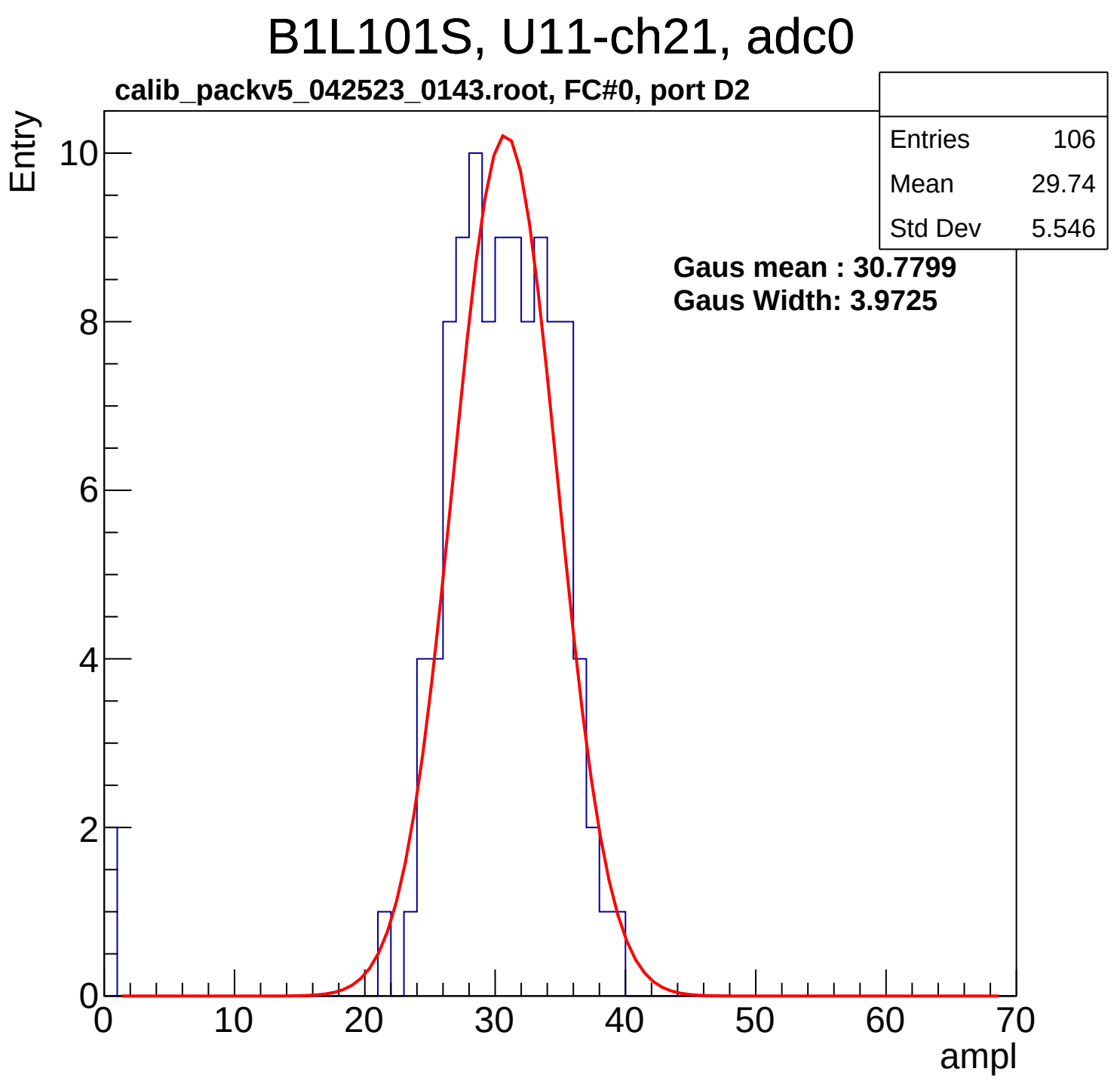

B1L101S, U11-ch20, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 49.01
Std Dev 3.618
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

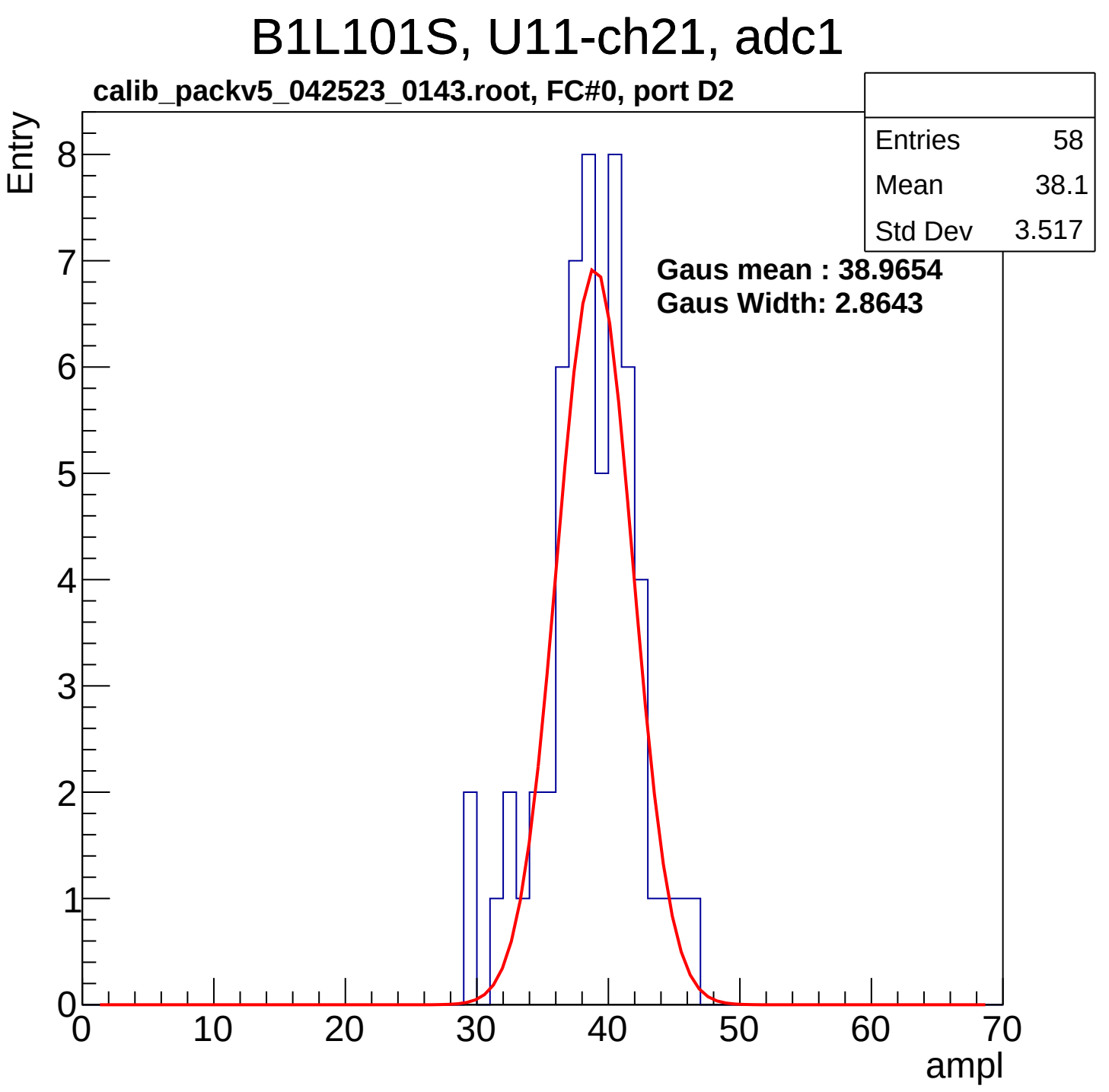

B1L101S, U11-ch20, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 55.08
Std Dev 3.394
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

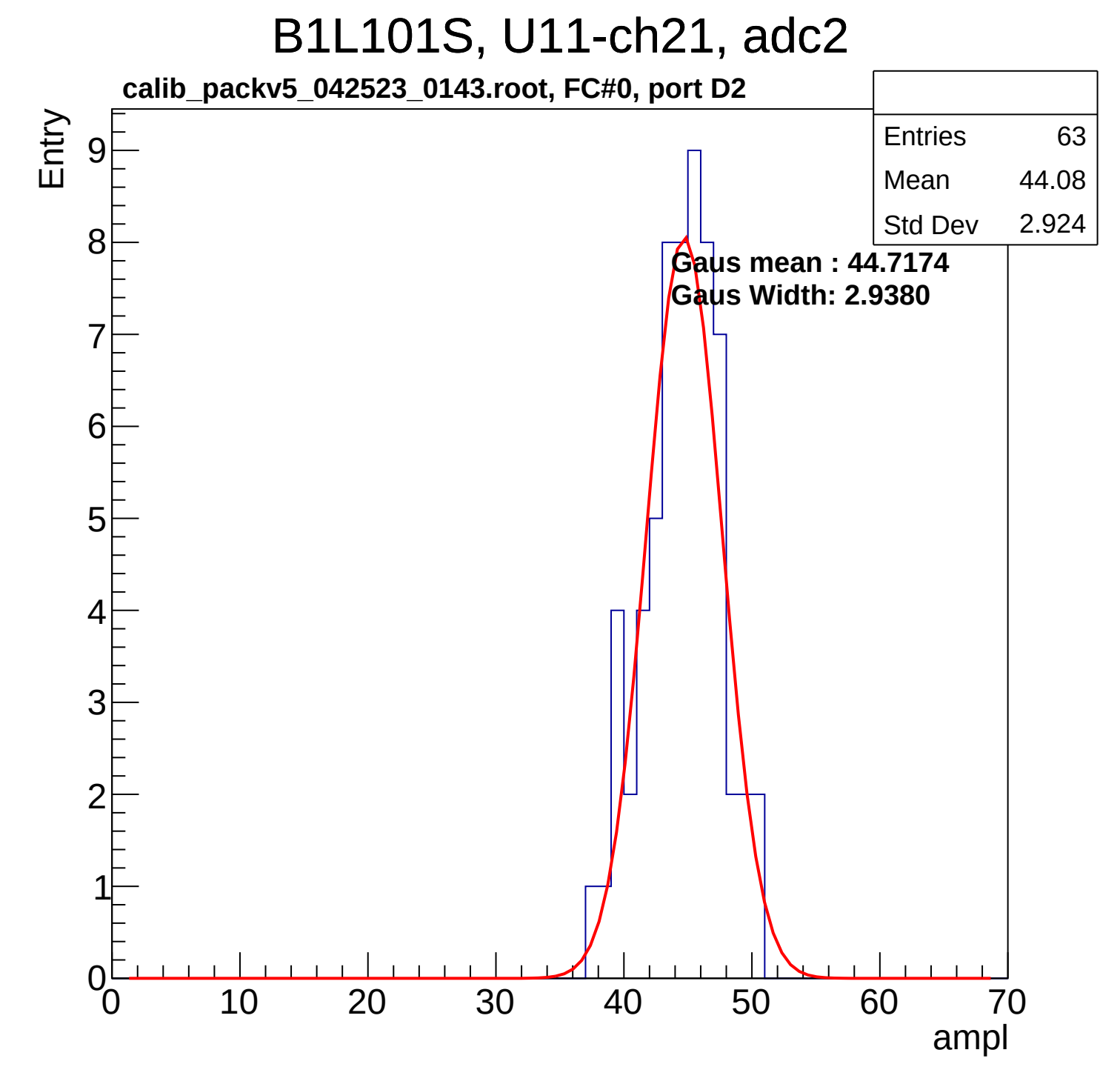

B1L101S, U11-ch20, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 45
Mean 60.02
Std Dev 2.408
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch20, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 7
Mean 53
Std Dev 21.66
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


B1L101S, U11-ch20, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch21, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 106
Mean 29.74
Std Dev 5.546
Gaus mean : 30.7799
Gaus Width: 3.9725
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch21, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 38.1
Std Dev 3.517
Gaus mean : 38.9654
Gaus Width: 2.8643
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch21, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 44.08
Std Dev 2.924
Gaus mean : 44.7174
Gaus Width: 2.9380
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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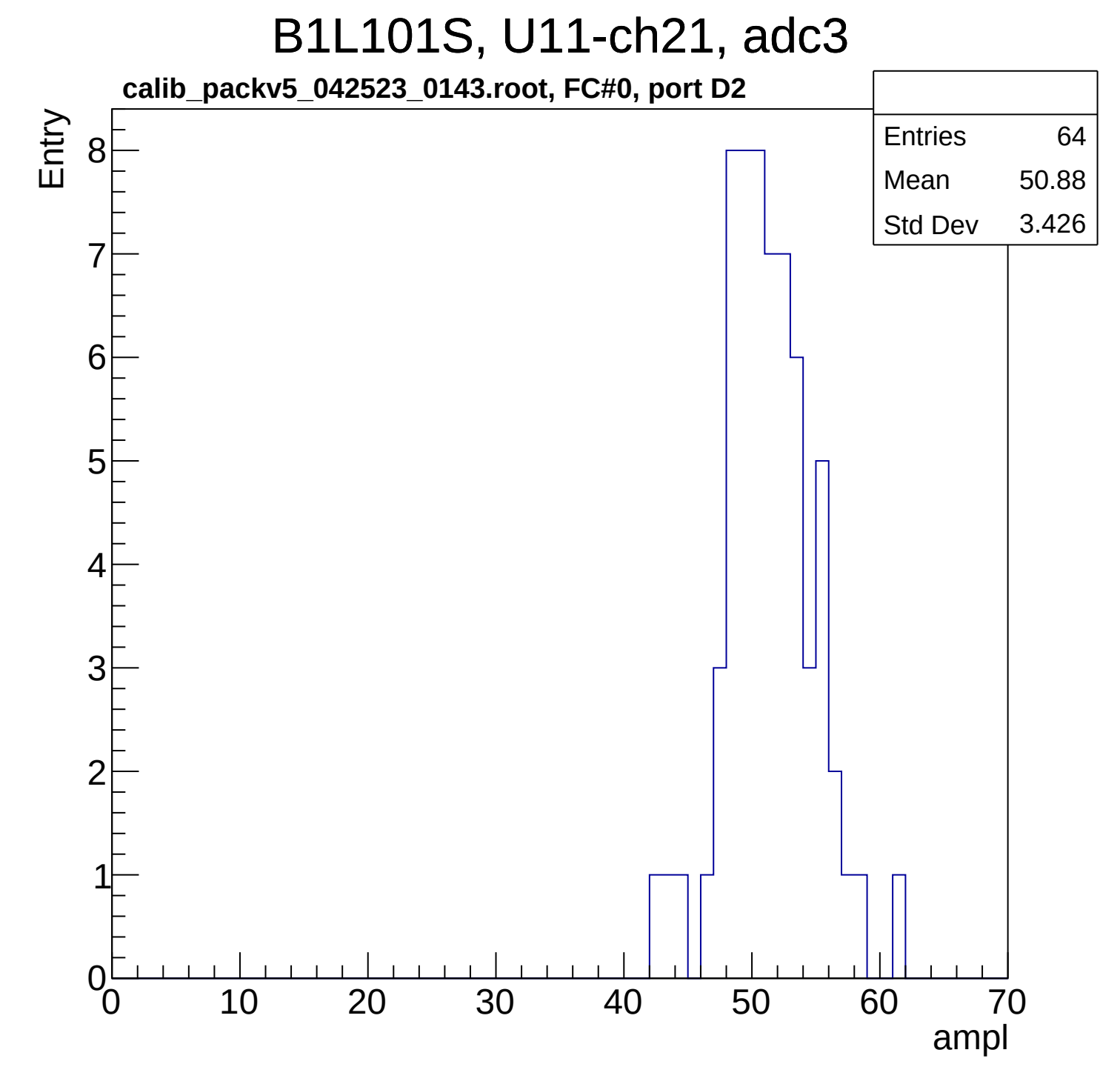
20
30
40
50
60
70


B1L101S, U11-ch21, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 50.88
Std Dev 3.426
Entry
ampl
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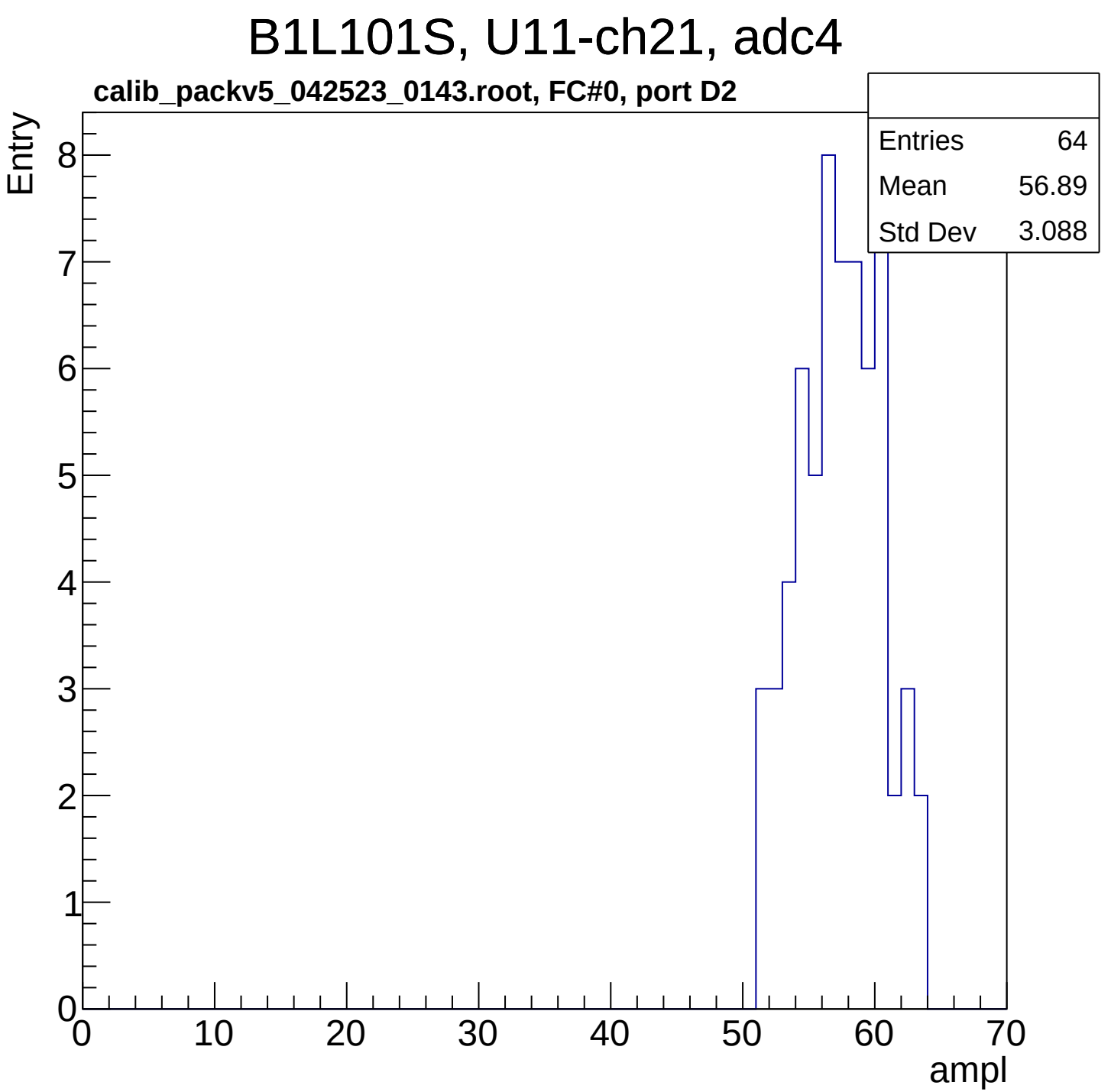
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch21, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 56.89
Std Dev 3.088
Entry
ampl
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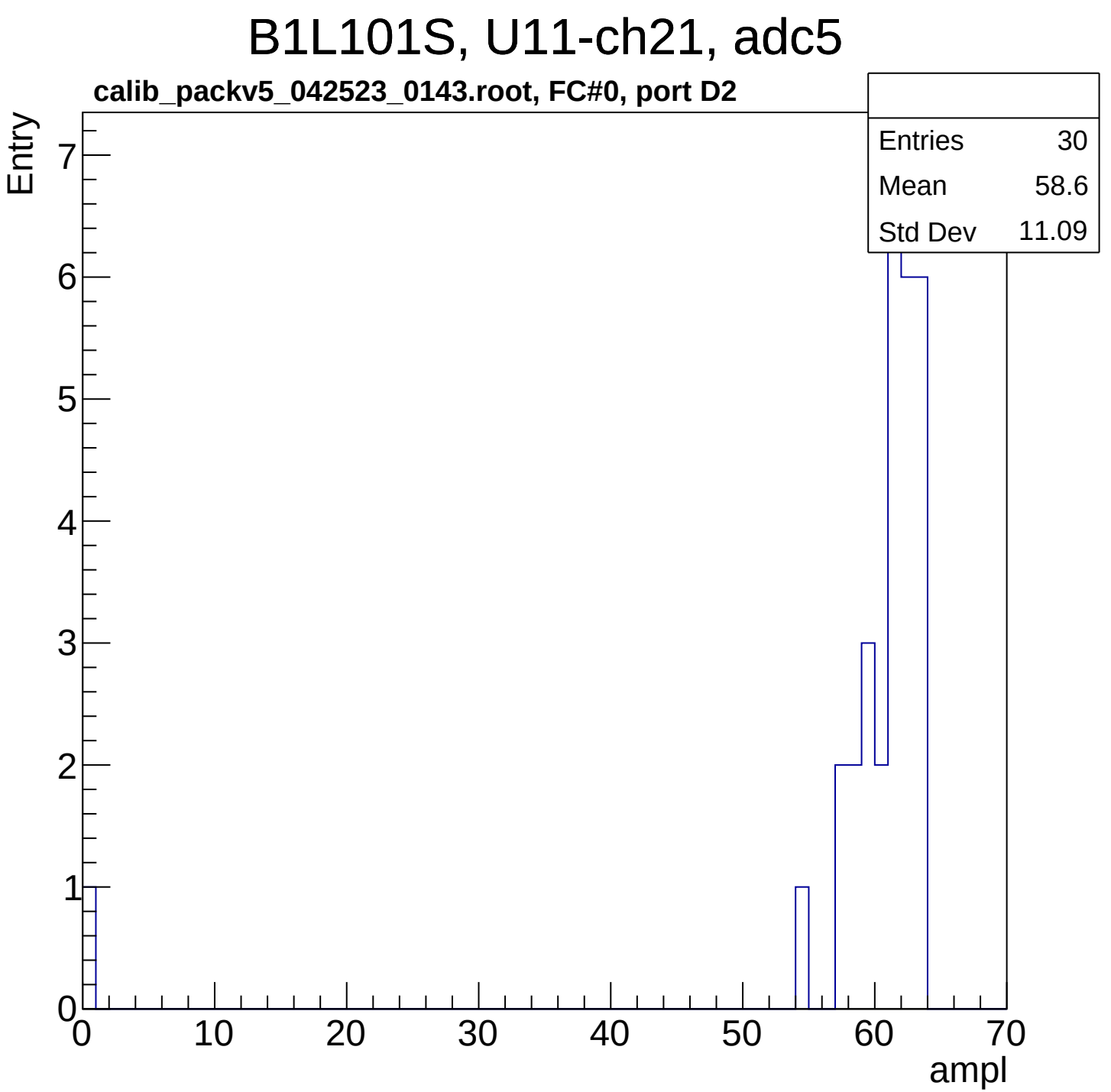
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch21, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 30
Mean 58.6
Std Dev 11.09
Entry
ampl
0
1
2
3
4
5
6
7
0
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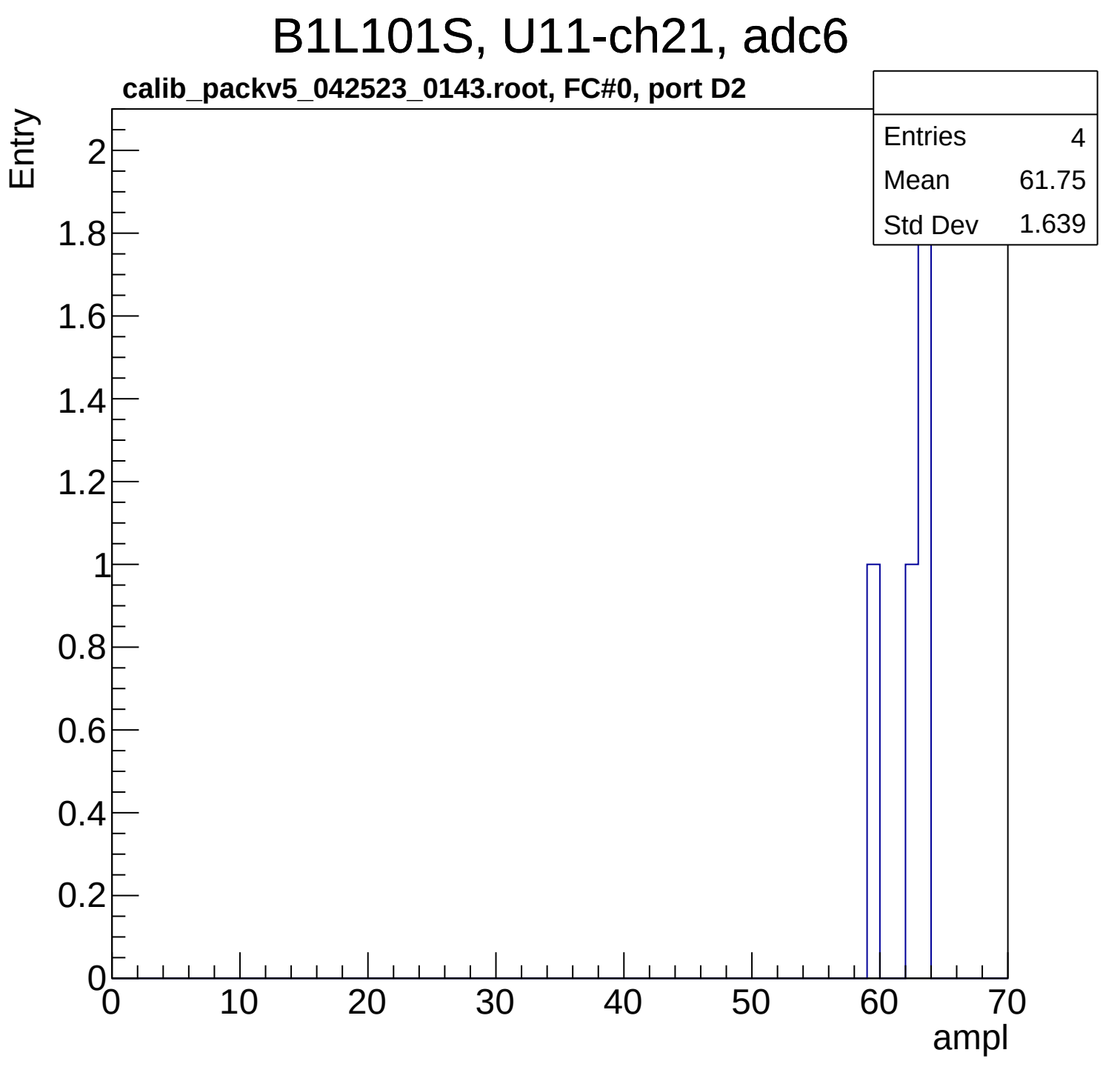
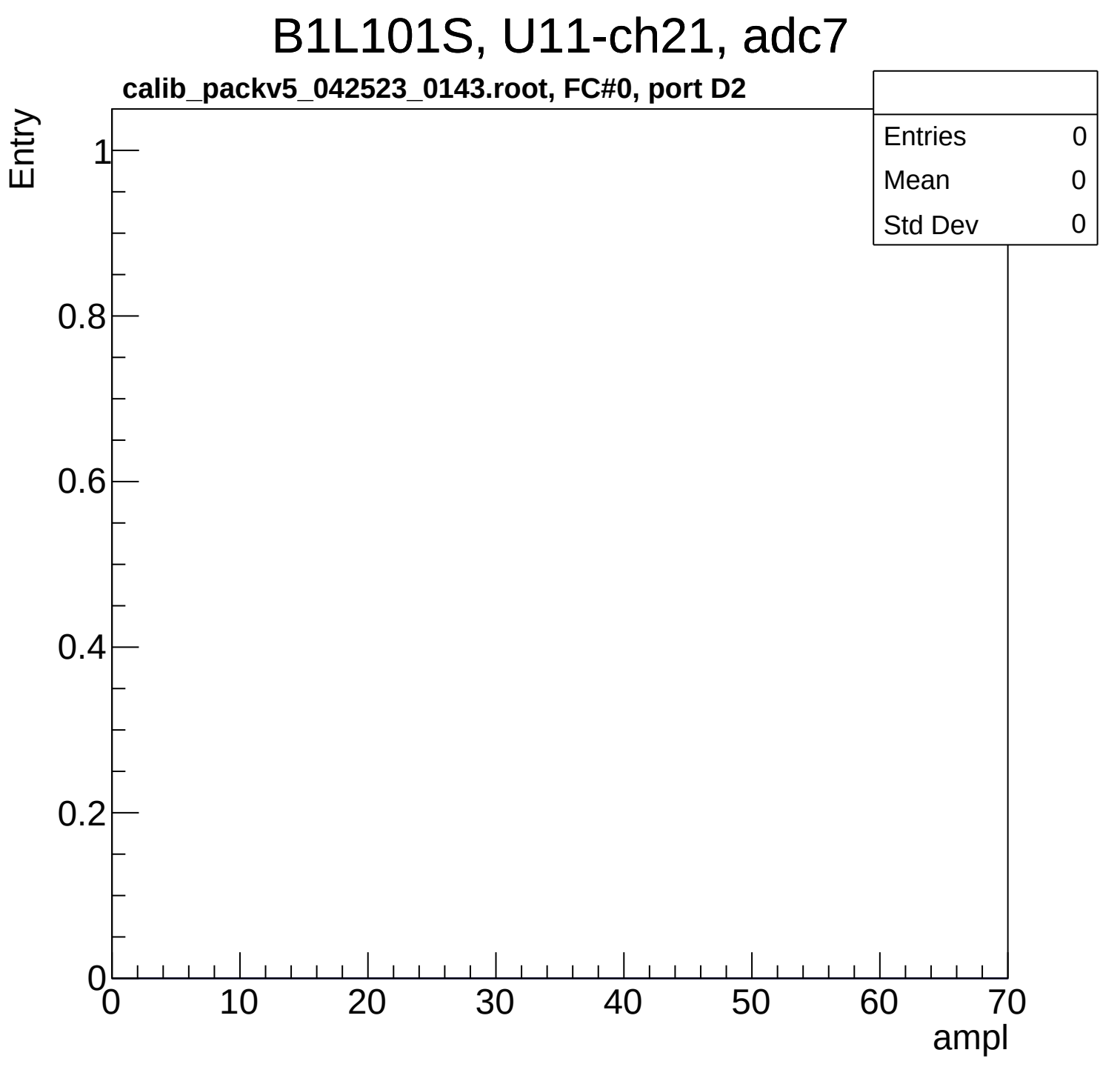
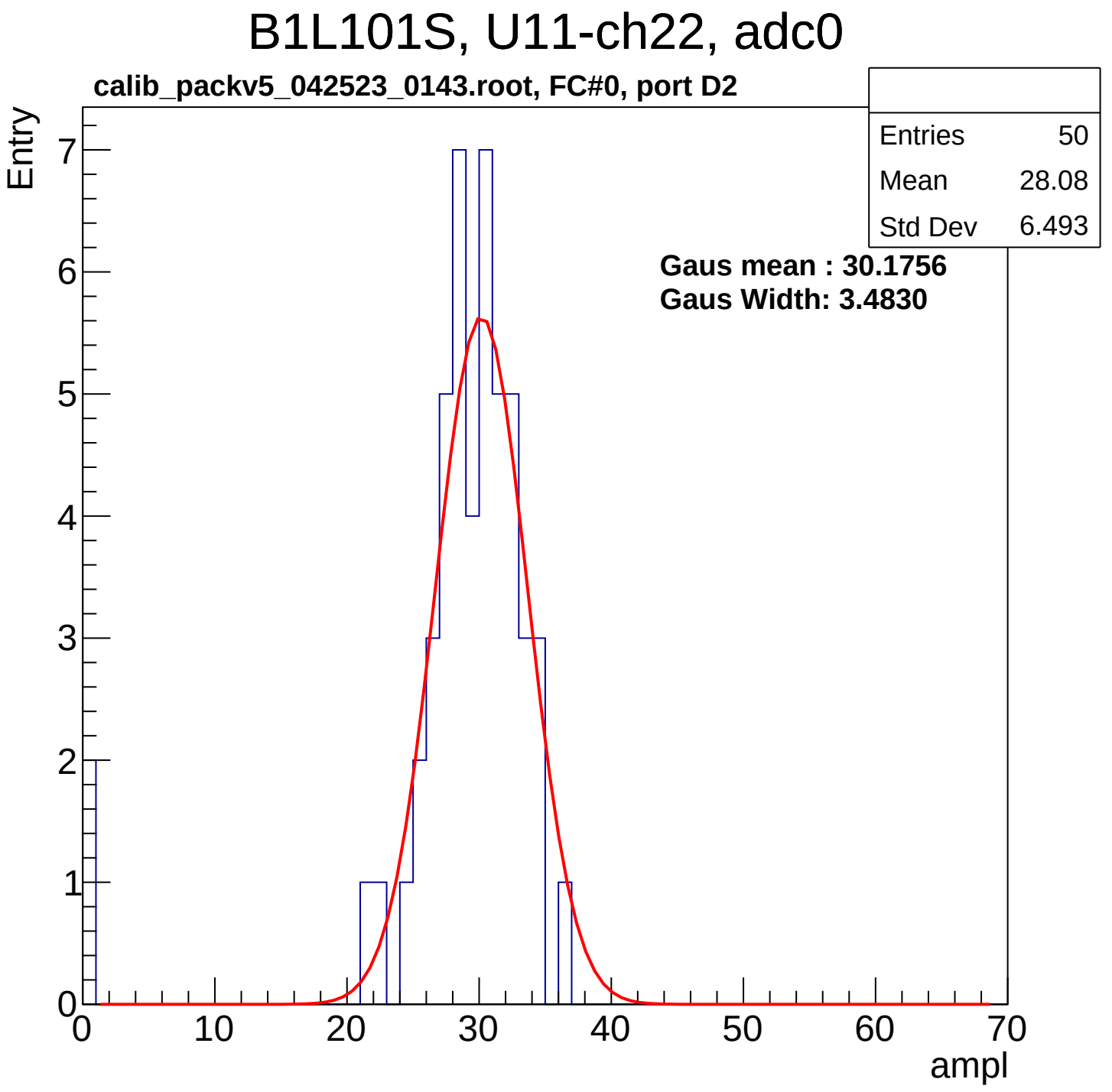
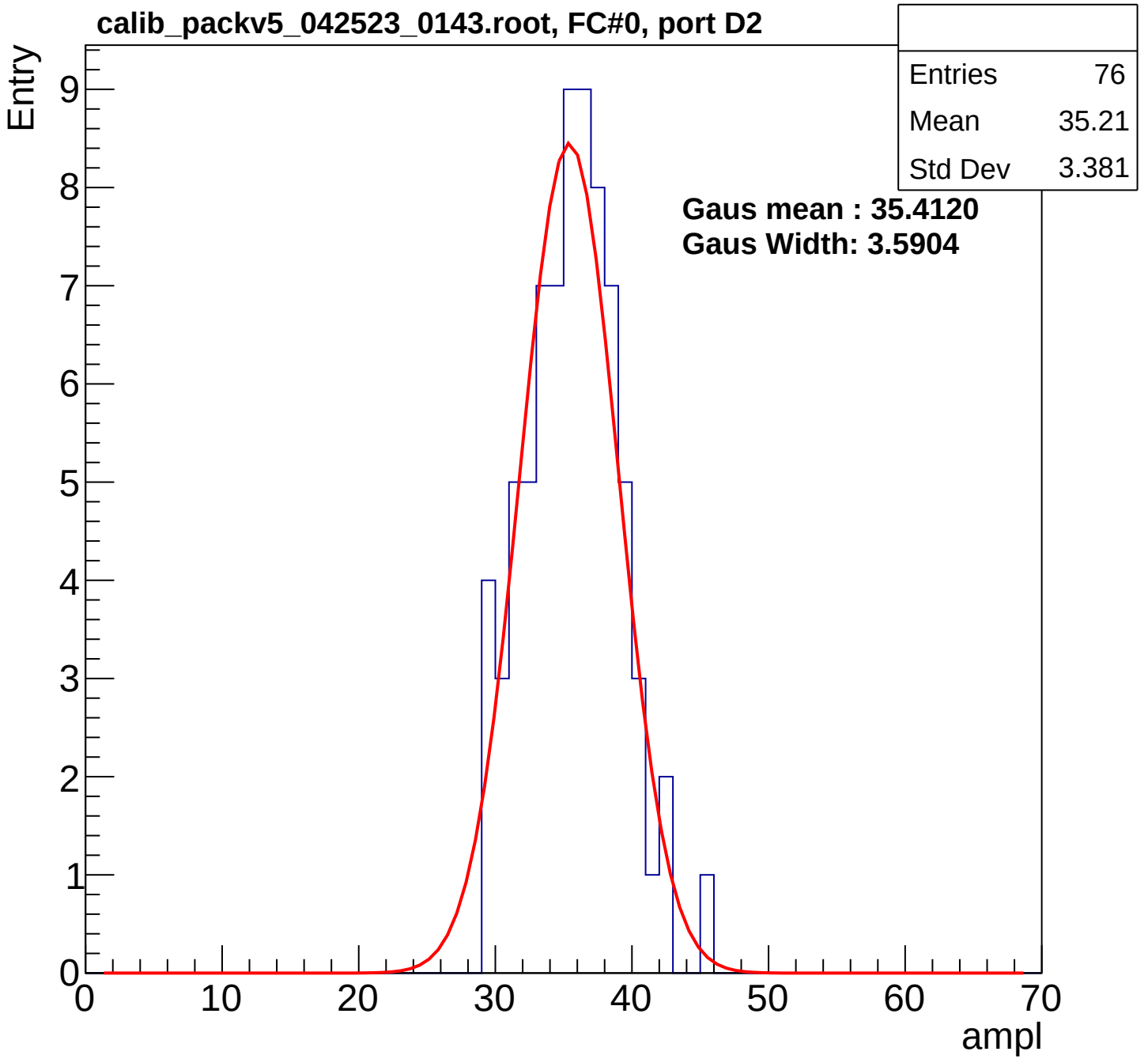
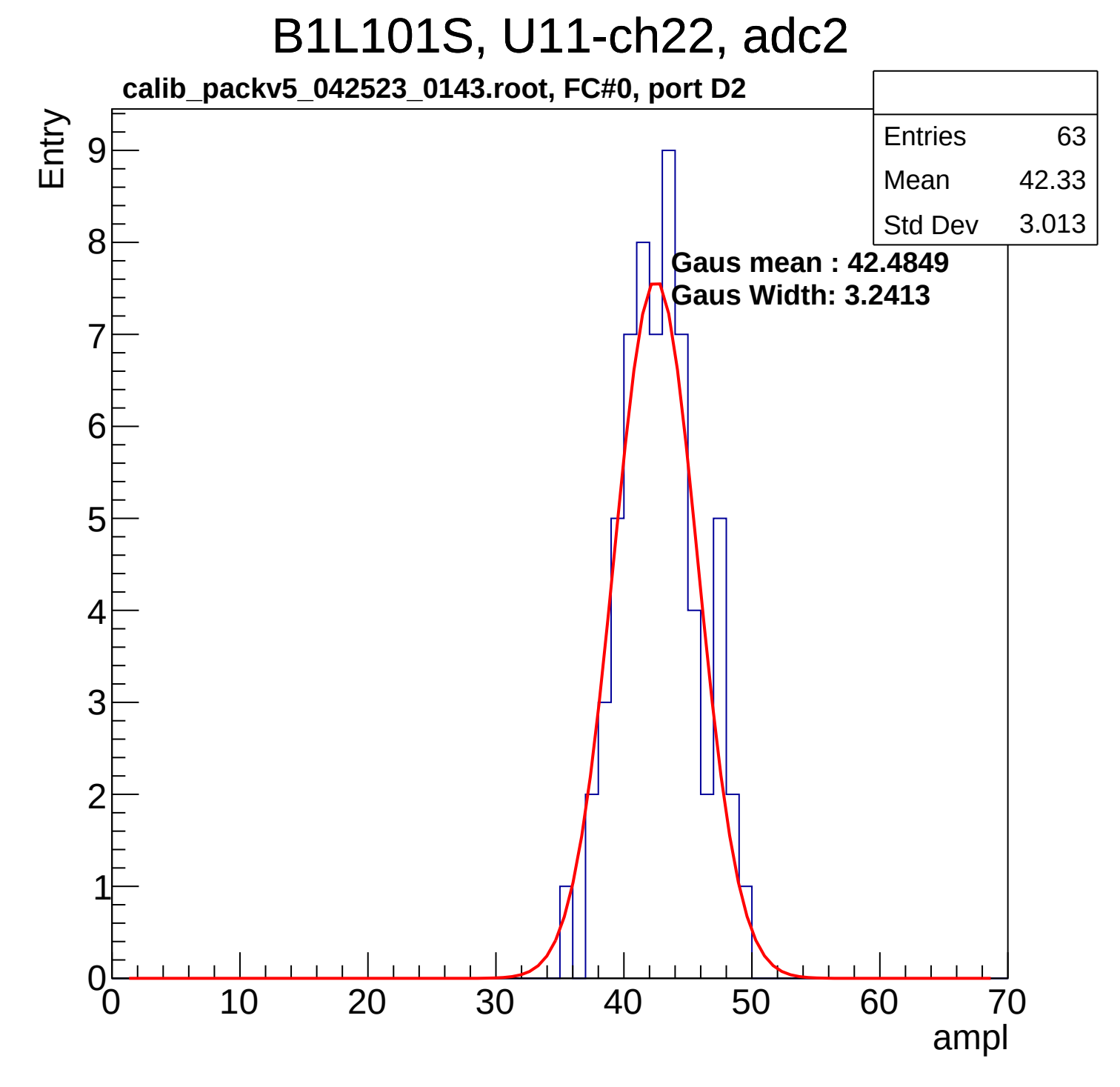
20
30
40
50
60
70


B1L101S, U11-ch21, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 61.75
Std Dev 1.639
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


B1L101S, U11-ch21, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch22, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 50
Mean 28.08
Std Dev 6.493
Gaus mean : 30.1756
Gaus Width: 3.4830
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch22, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 35.21
Std Dev 3.381
Gaus mean : 35.4120
Gaus Width: 3.5904
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L101S, U11-ch22, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 42.33
Std Dev 3.013
Gaus mean : 42.4849
Gaus Width: 3.2413
Entry
ampl
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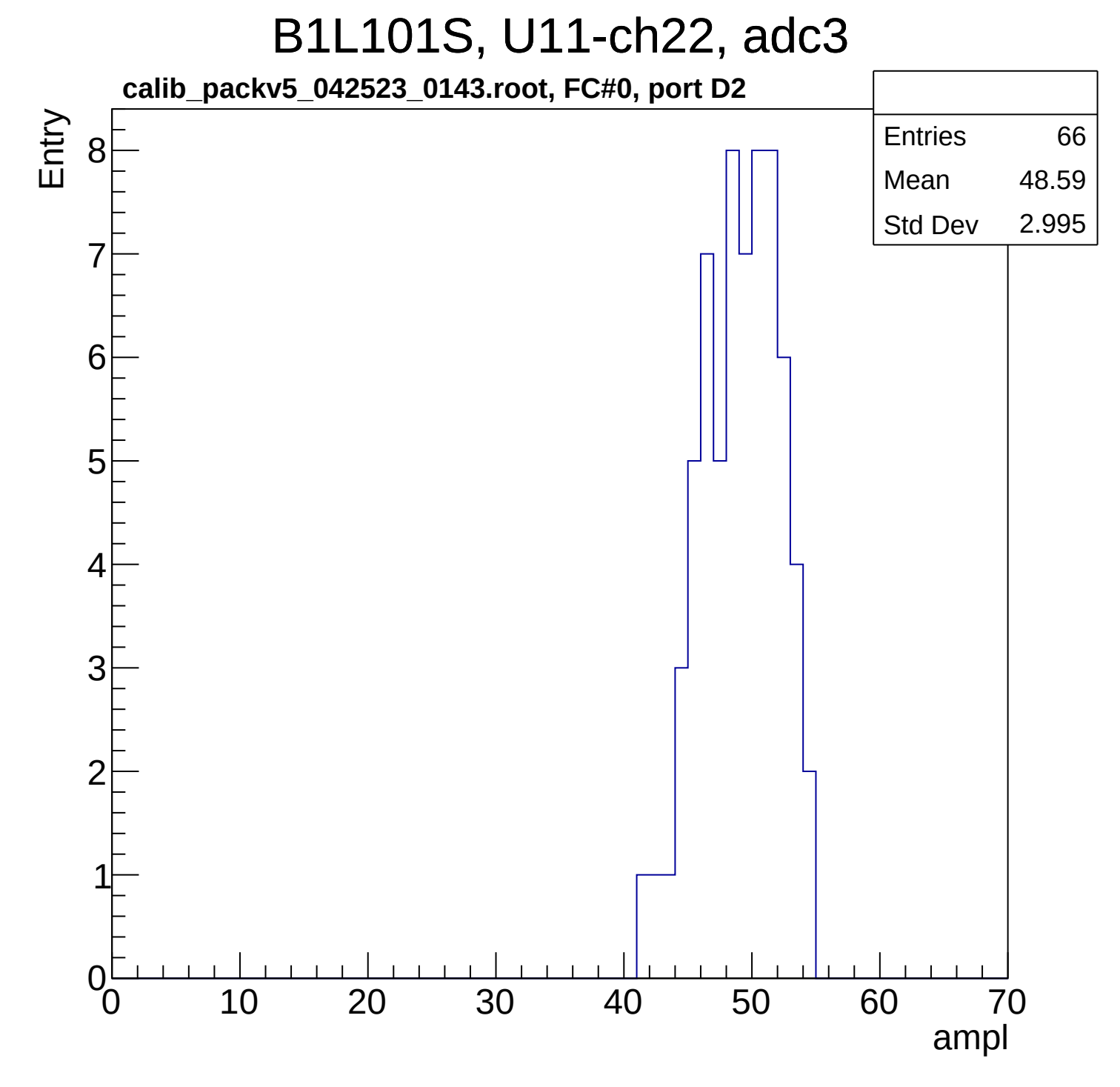
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L101S, U11-ch22, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 48.59
Std Dev 2.995
Entry
ampl
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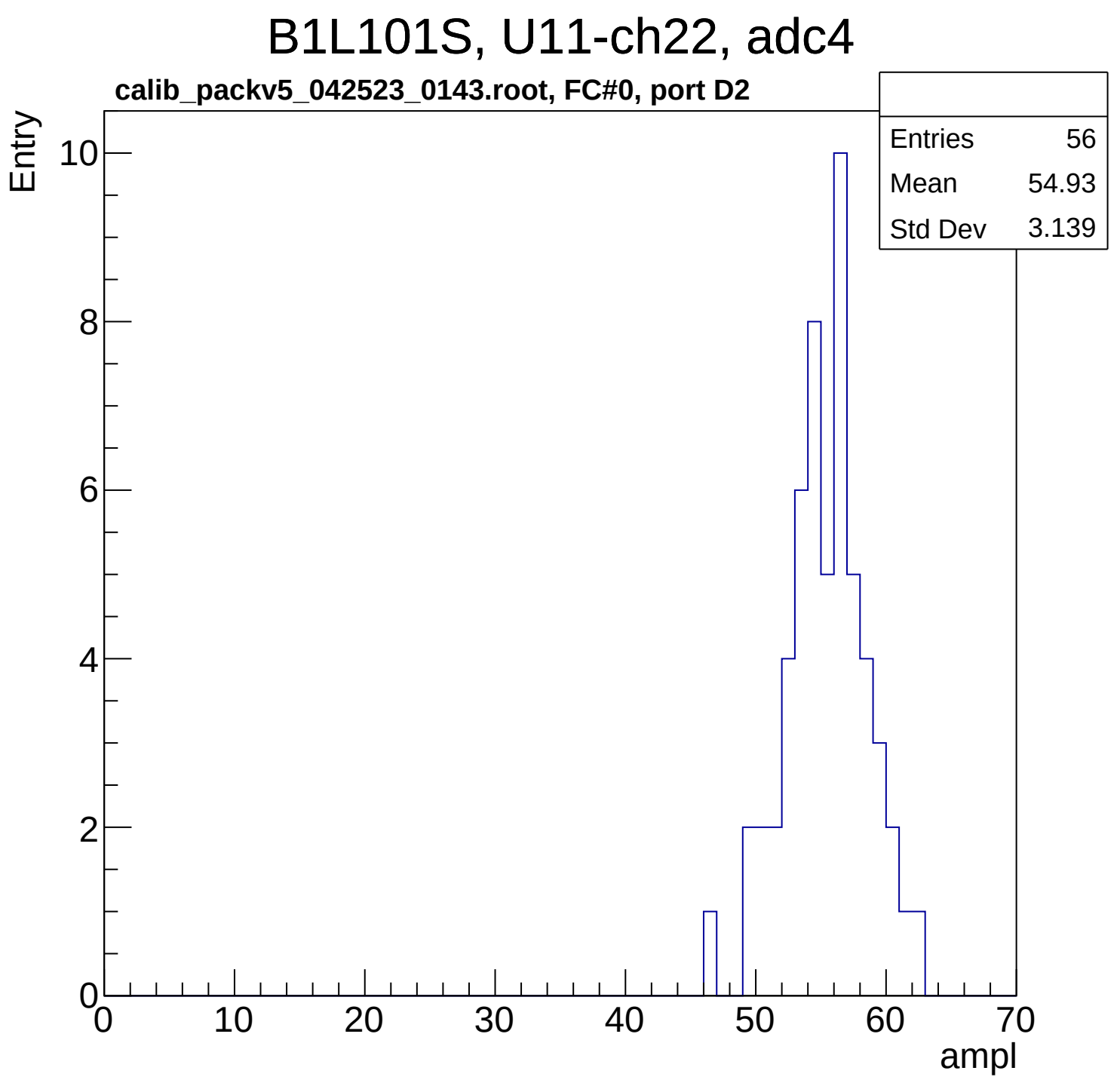
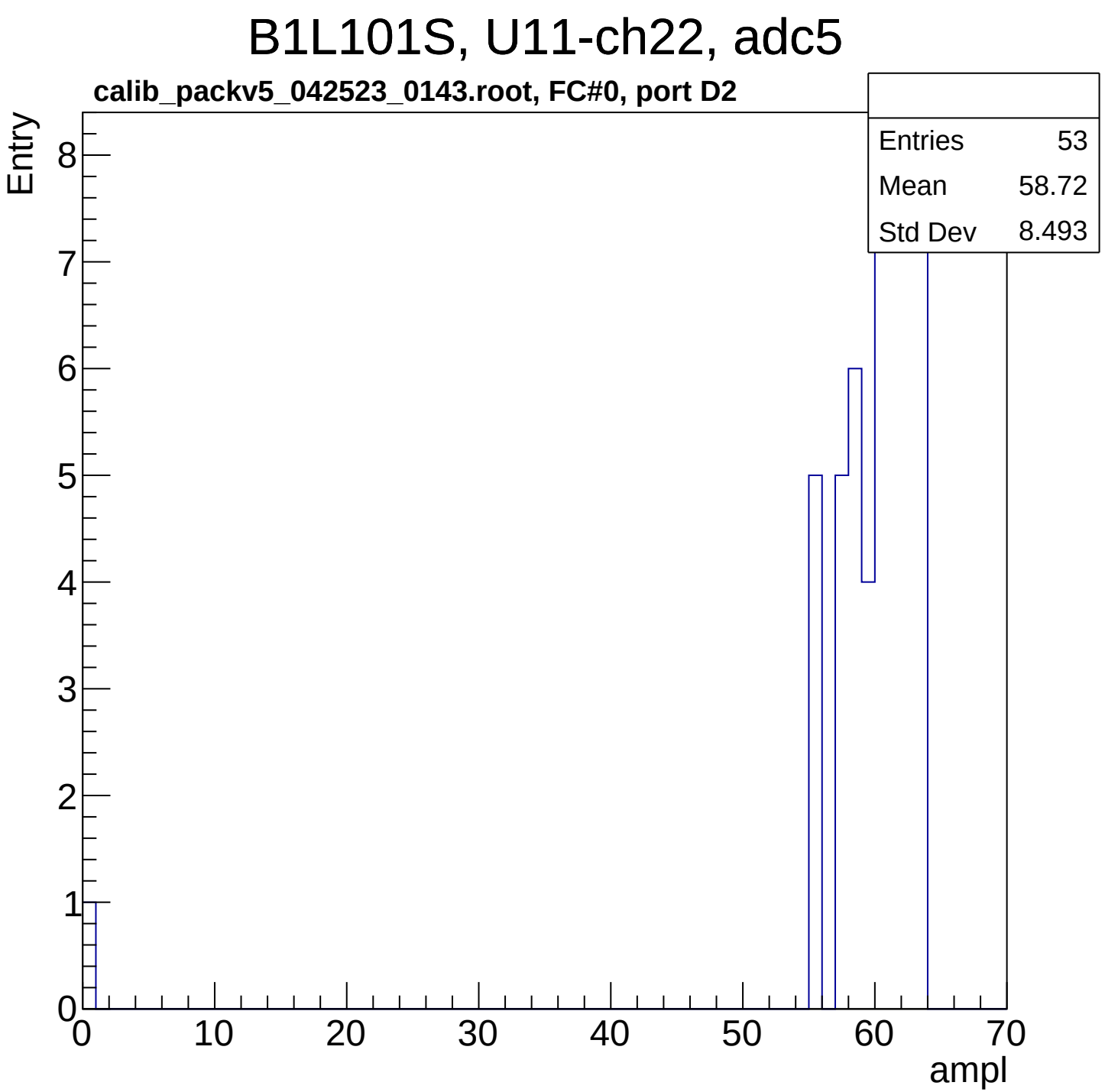
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch22, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 54.93
Std Dev 3.139
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch22, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 58.72
Std Dev 8.493
Entry
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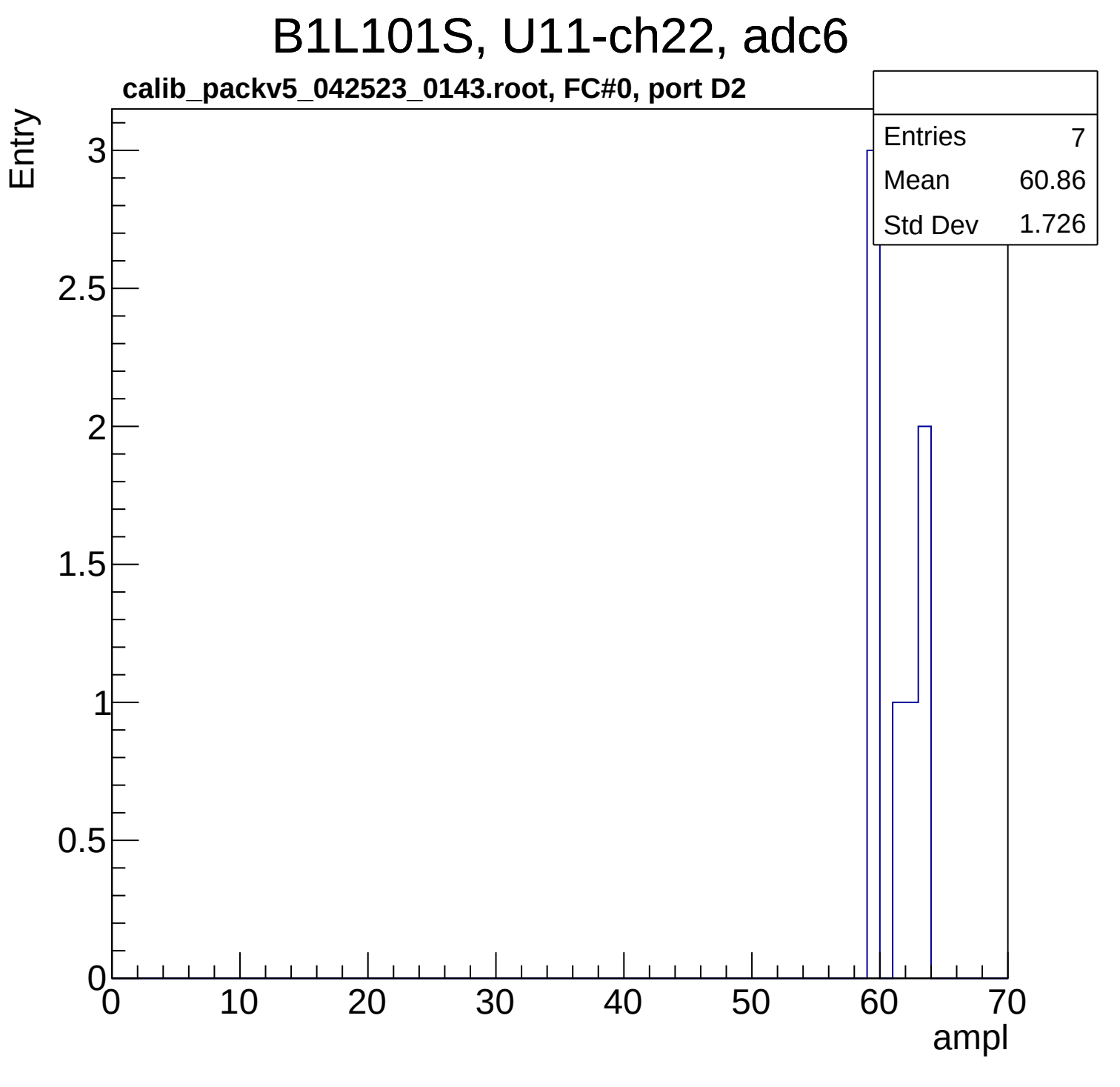
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch22, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 7
Mean 60.86
Std Dev 1.726
Entry
ampl
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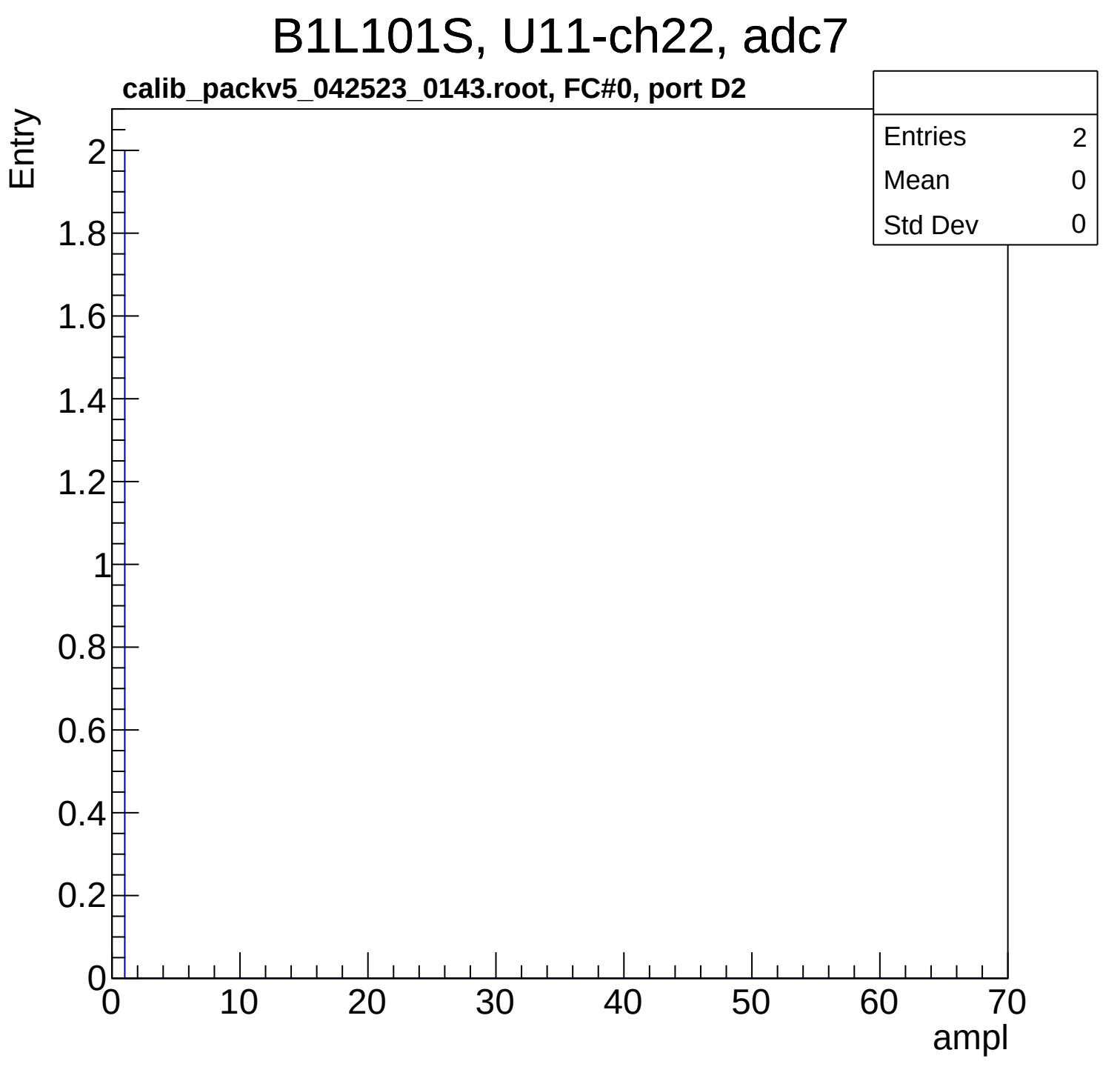
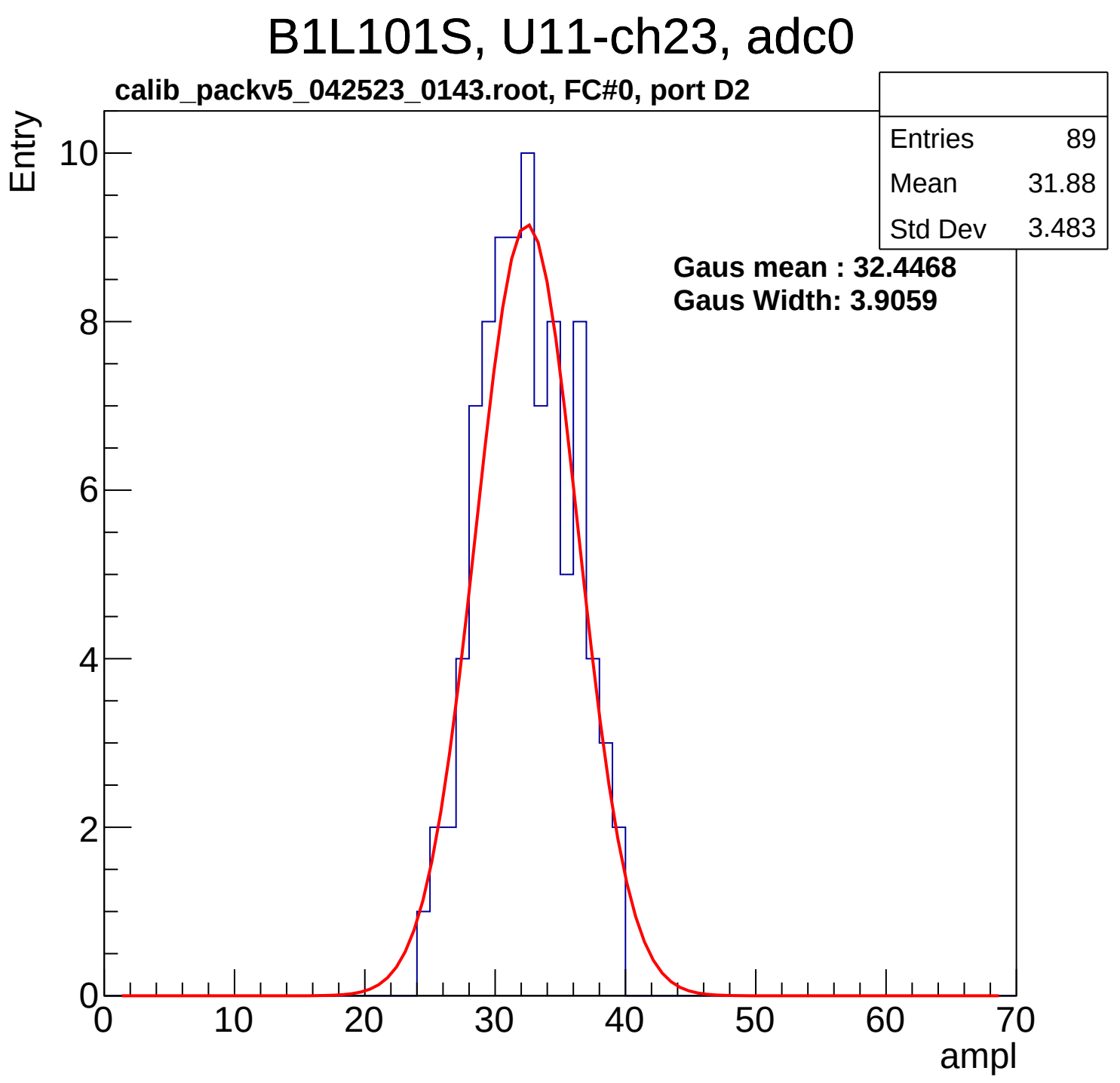
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L101S, U11-ch22, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U11-ch23, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 89
Mean 31.88
Std Dev 3.483
Gaus mean : 32.4468
Gaus Width: 3.9059
Entry
ampl
0
2
4
6
8
10
0
10
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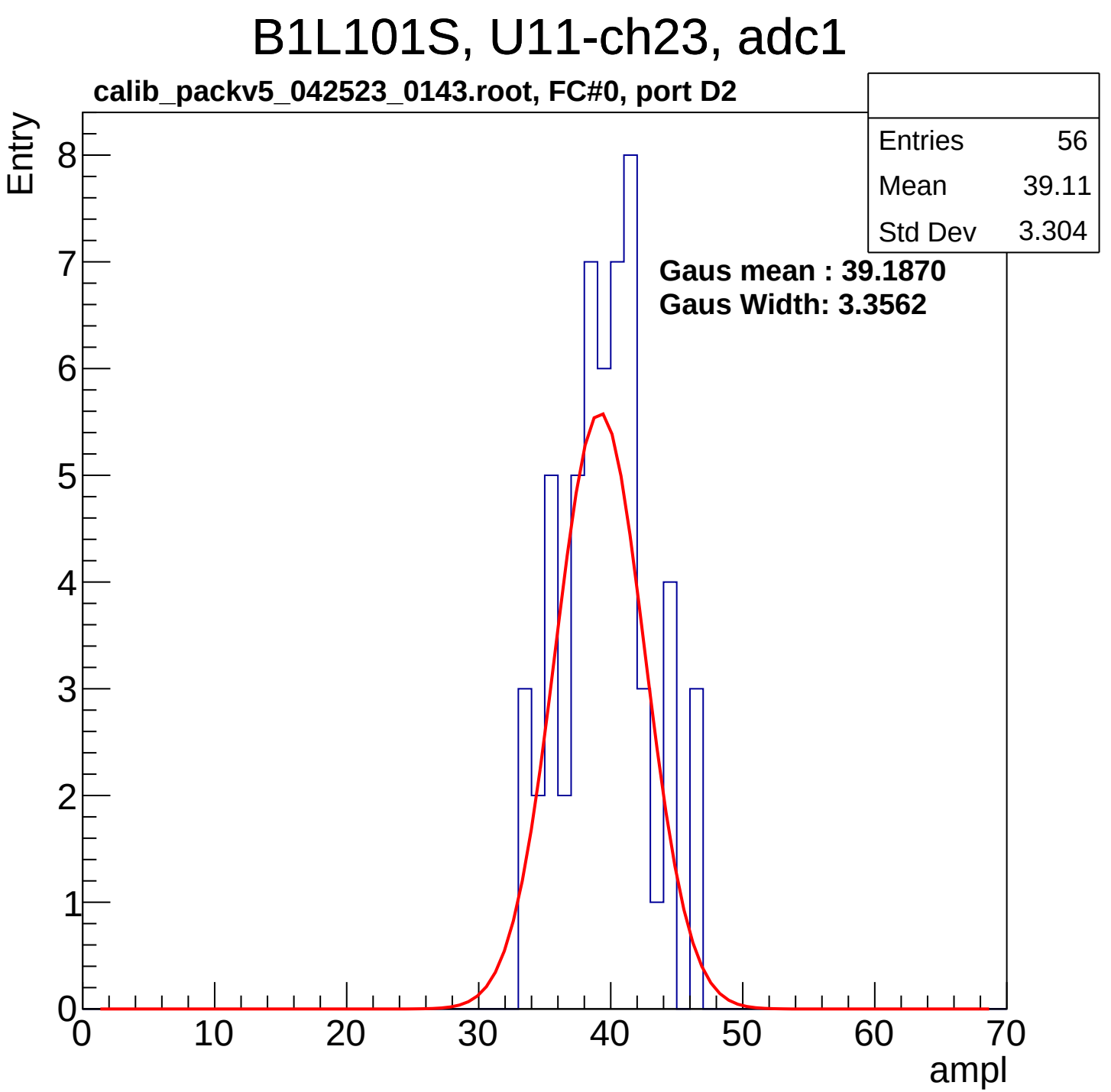
B1L101S, U11-ch23, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 39.11
Std Dev 3.304
Gaus mean : 39.1870
Gaus Width: 3.3562
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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40
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60
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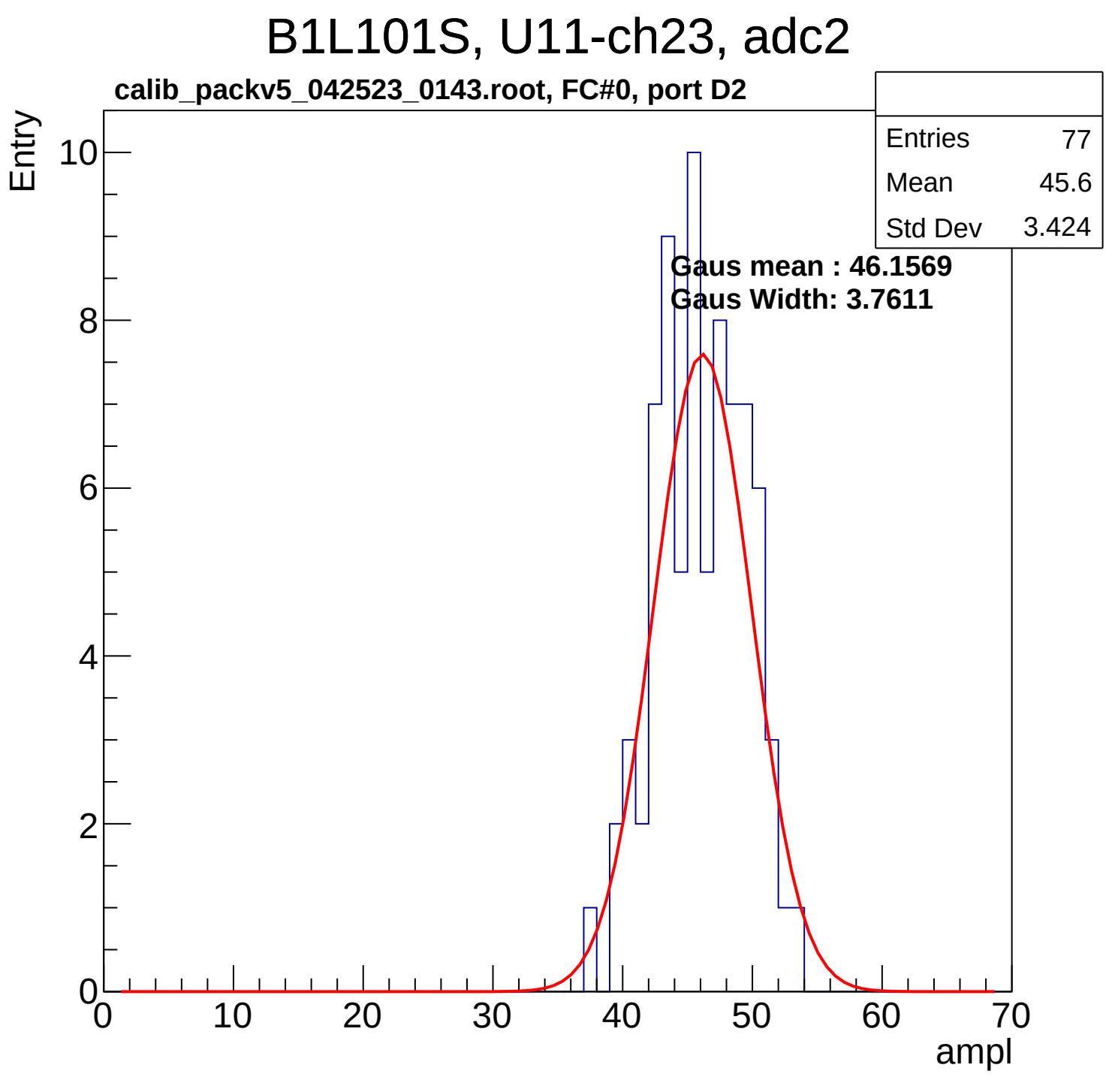
B1L101S, U11-ch23, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 77
Mean 45.6
Std Dev 3.424
Gaus mean : 46.1569
Gaus Width: 3.7611
Entry
ampl
0
2
4
6
8
10
0
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40
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60
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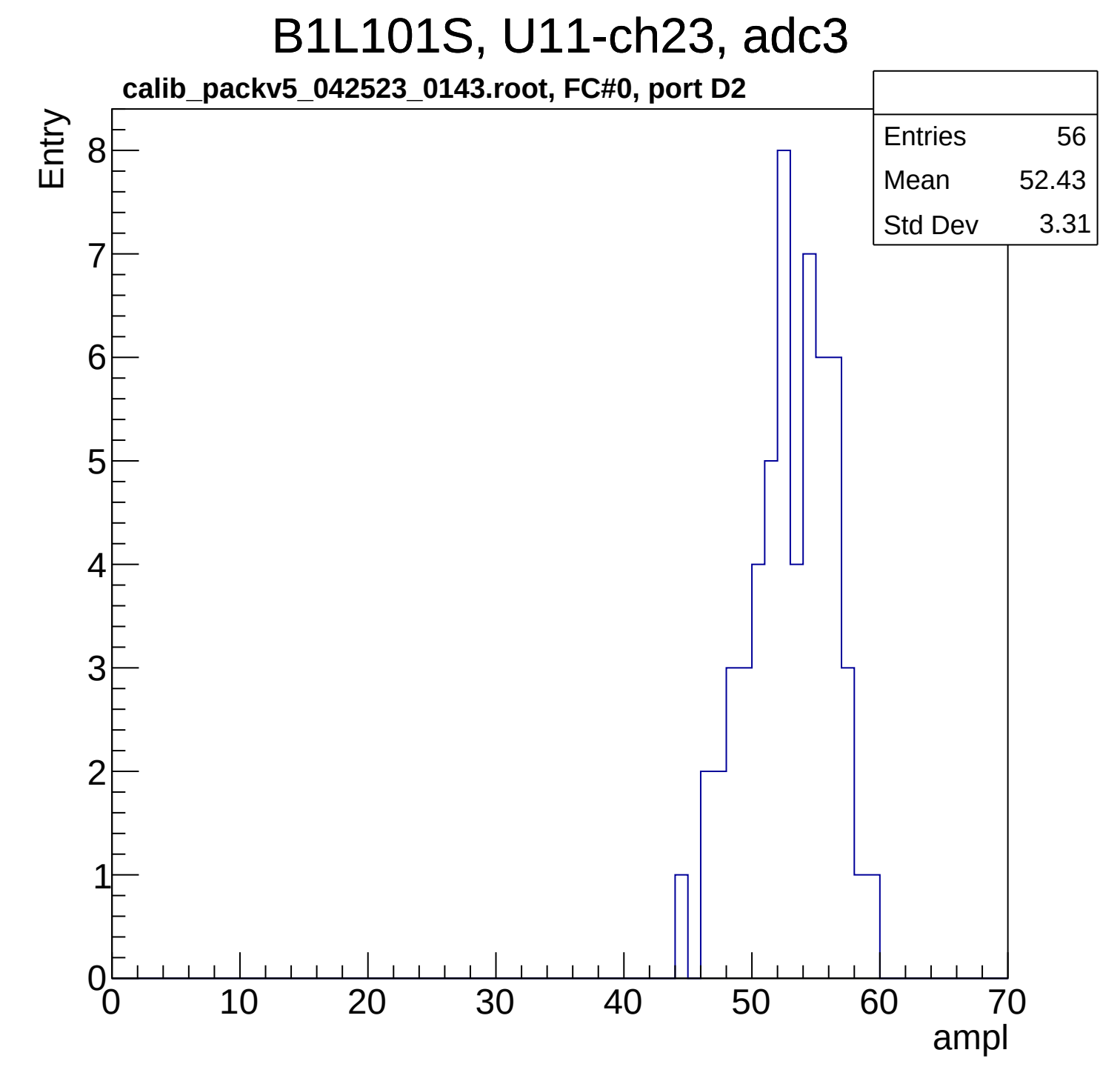
B1L101S, U11-ch23, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 52.43
Std Dev 3.31
Entry
ampl
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1
2
3
4
5
6
7
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0
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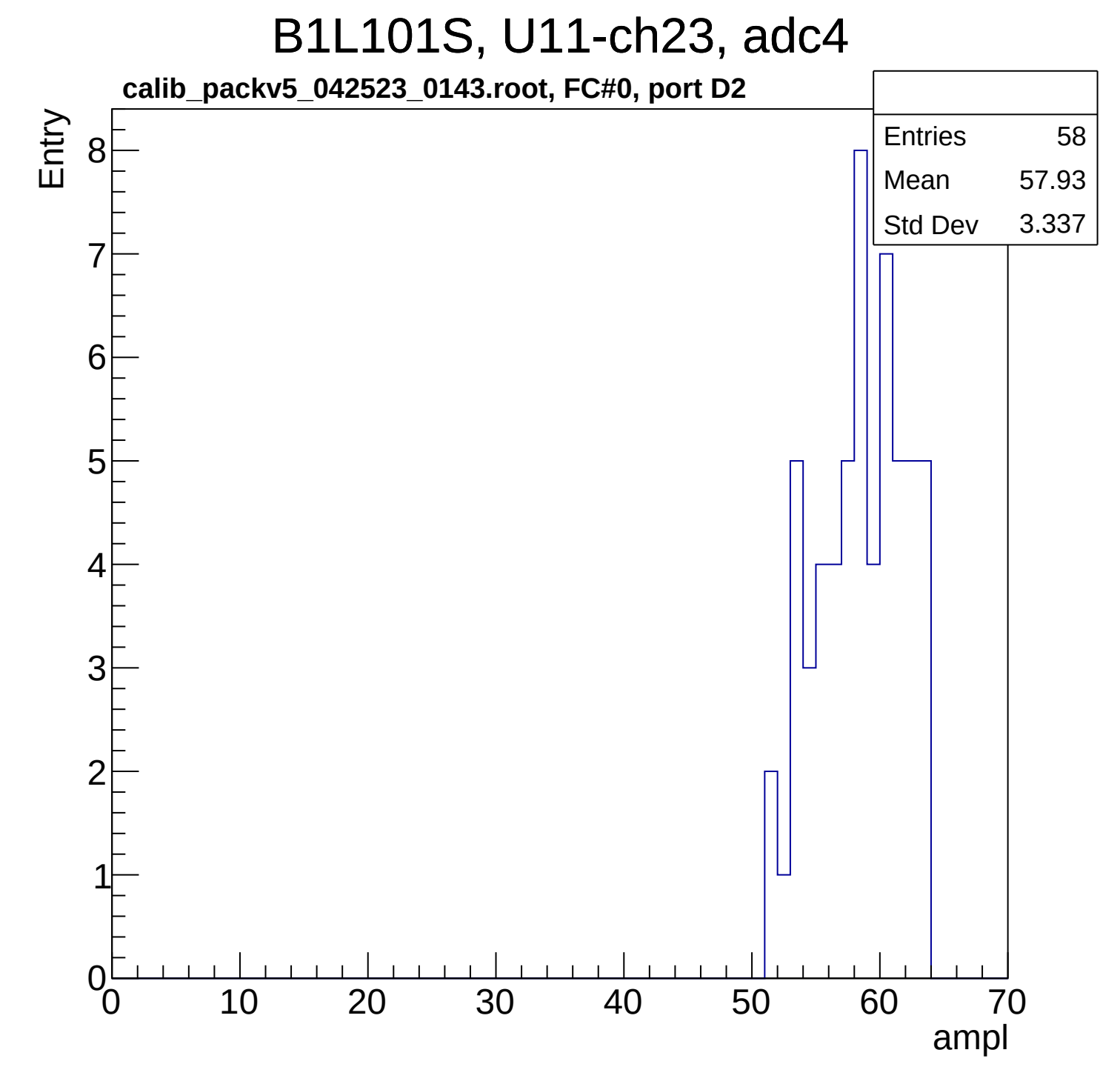
B1L101S, U11-ch23, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 57.93
Std Dev 3.337
Entry
ampl
0
1
2
3
4
5
6
7
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0
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40
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60
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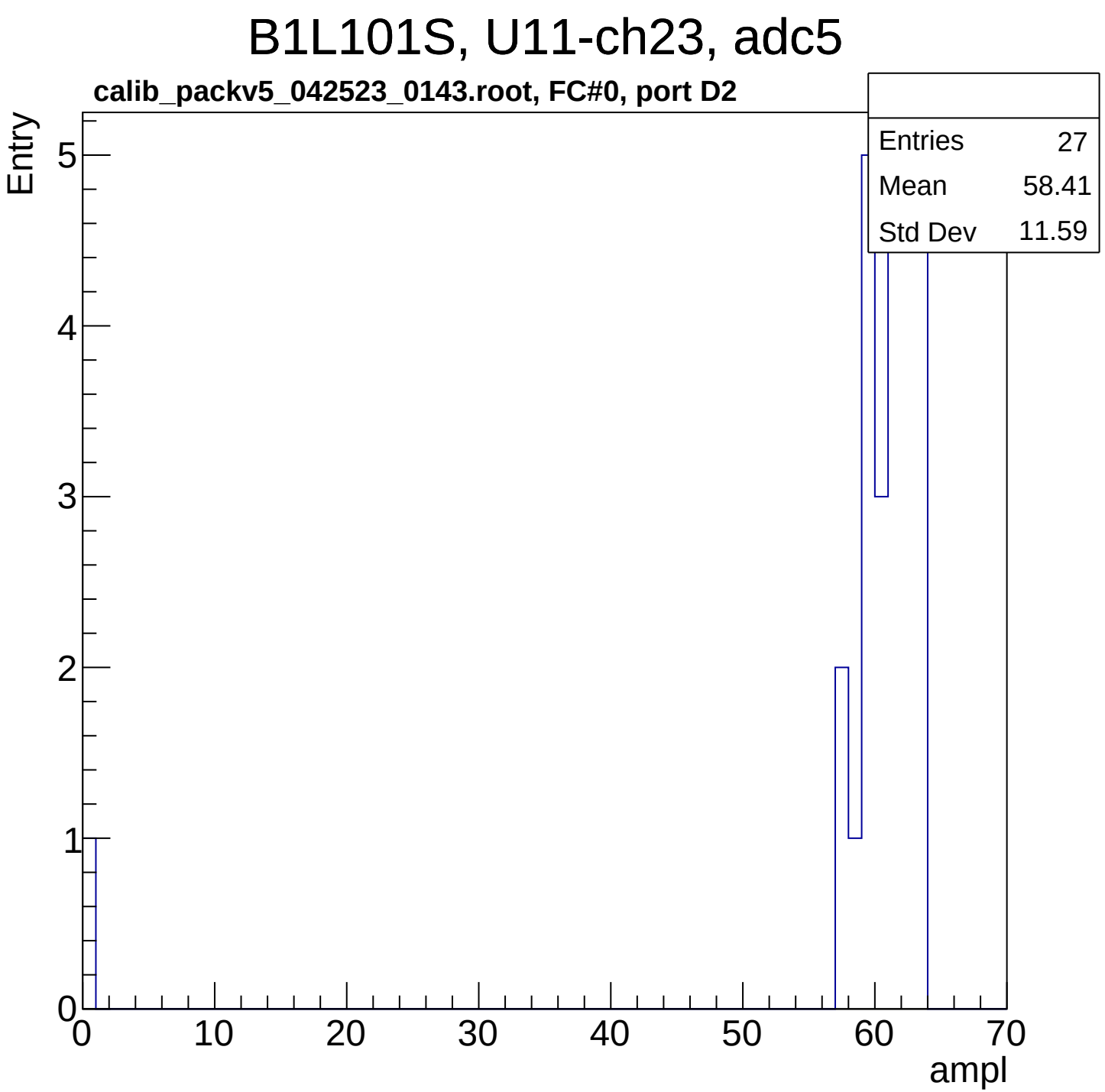
B1L101S, U11-ch23, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 27
Mean 58.41
Std Dev 11.59
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
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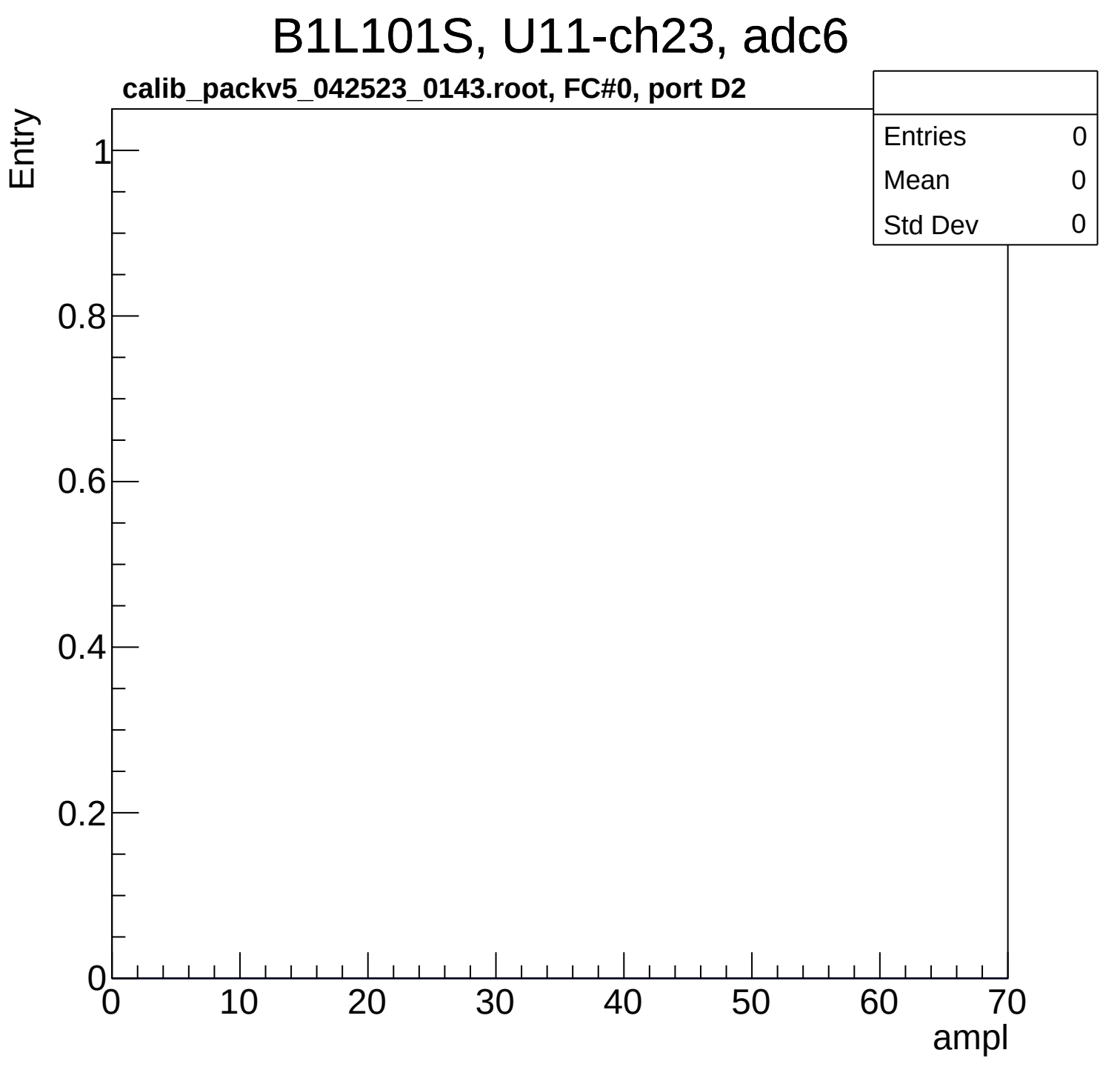
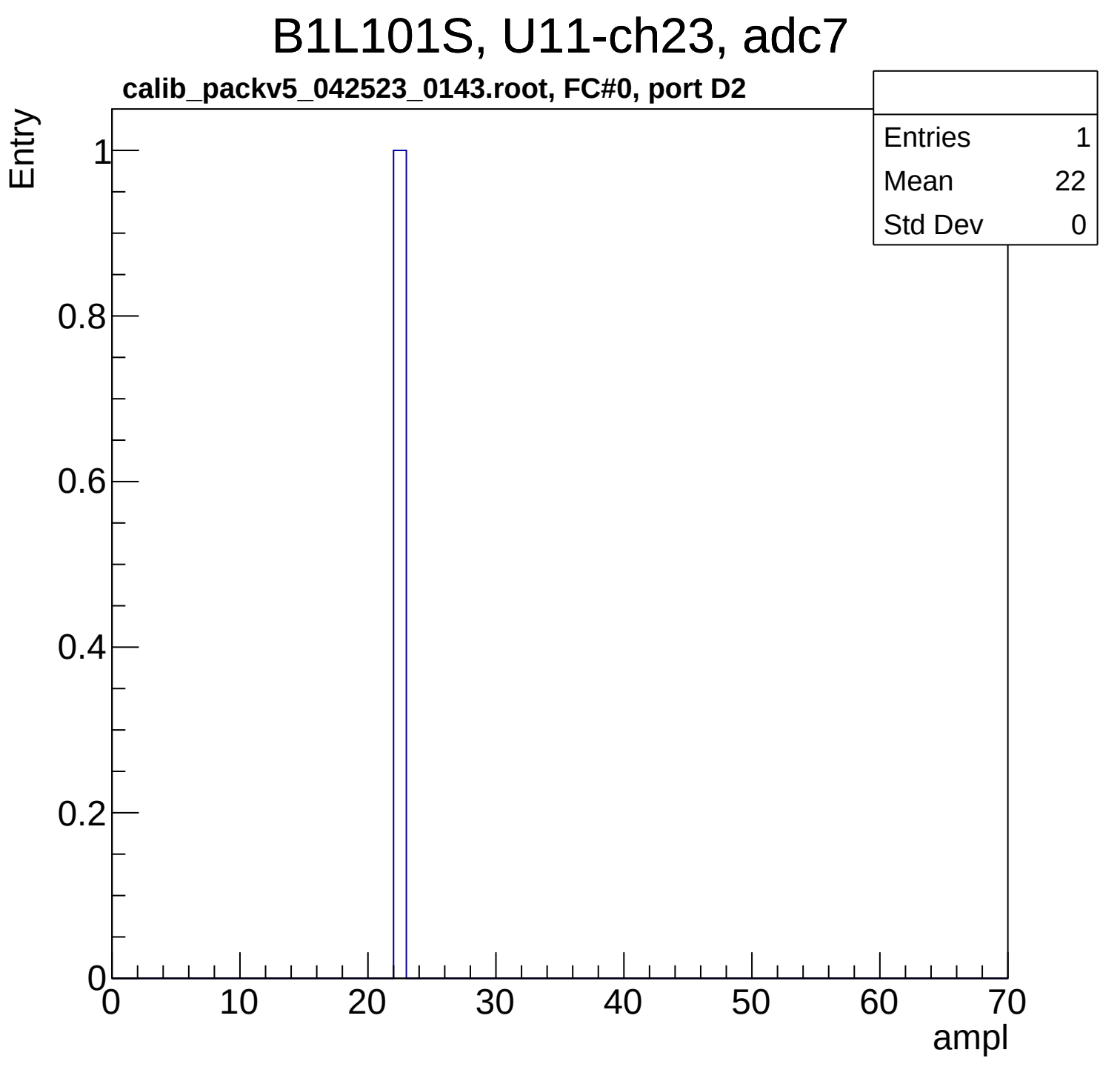

B1L101S, U11-ch23, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch23, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 22
Std Dev 0
Entry
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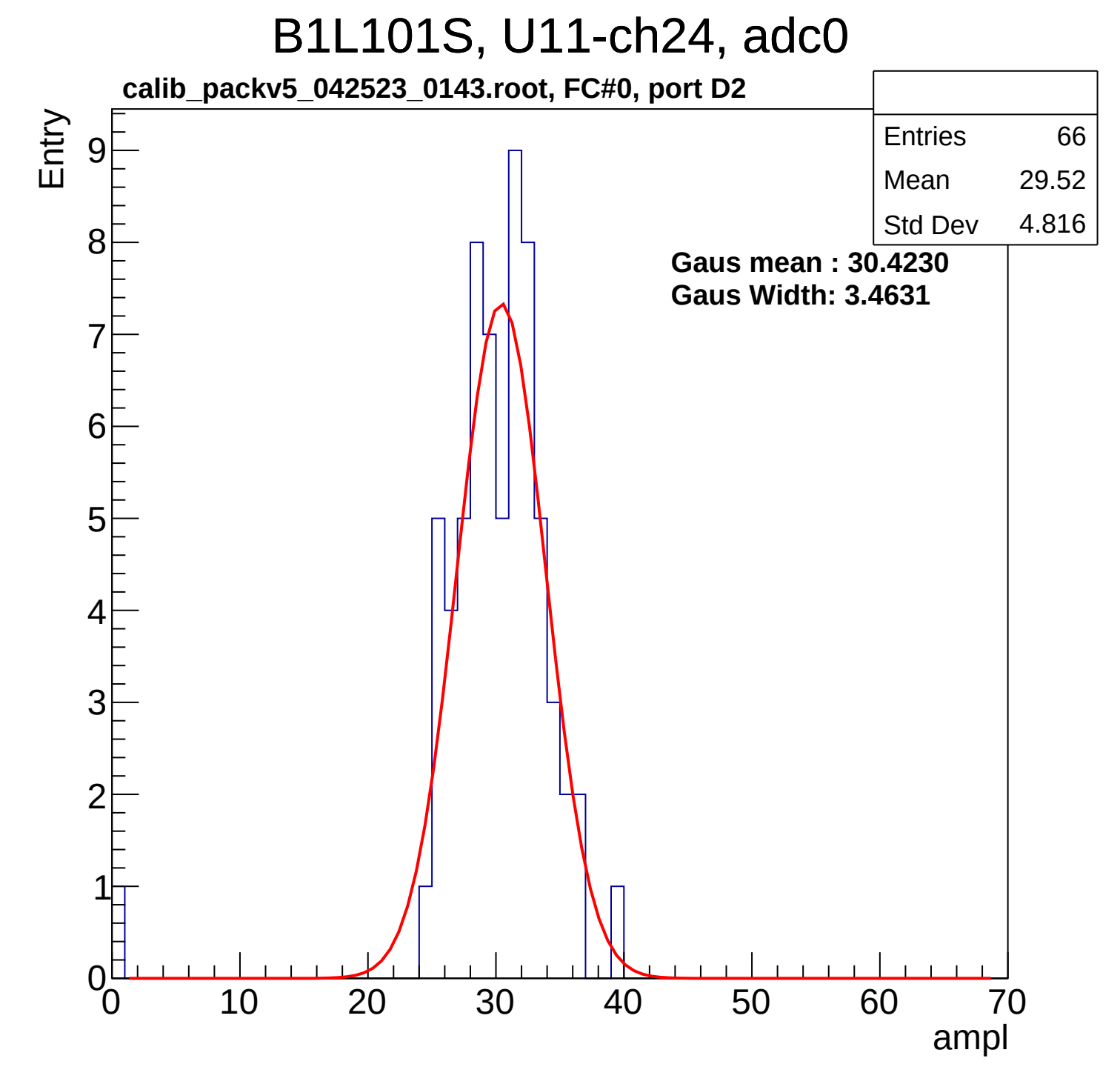
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch24, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 29.52
Std Dev 4.816
Gaus mean : 30.4230
Gaus Width: 3.4631
Entry
ampl
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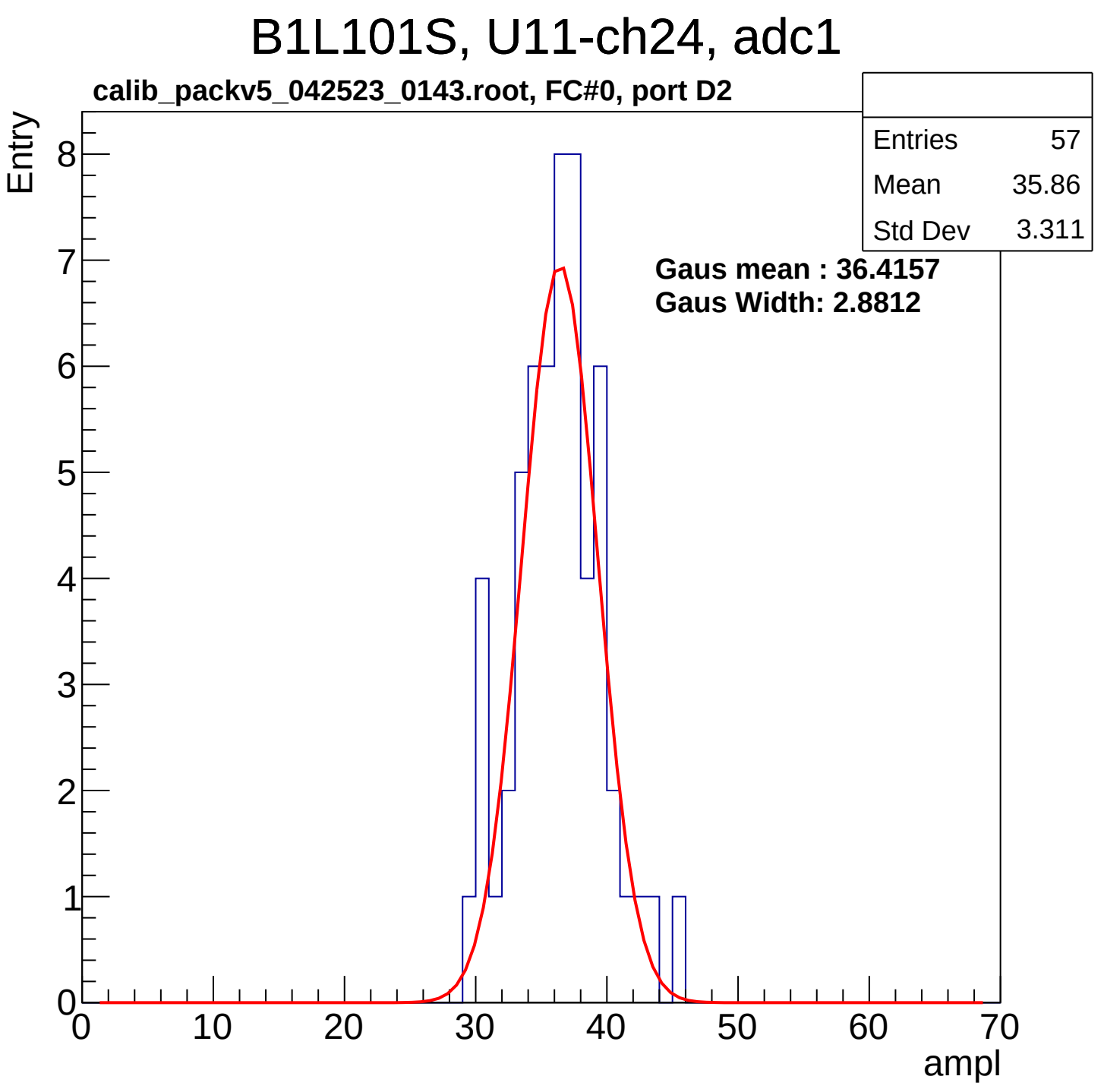
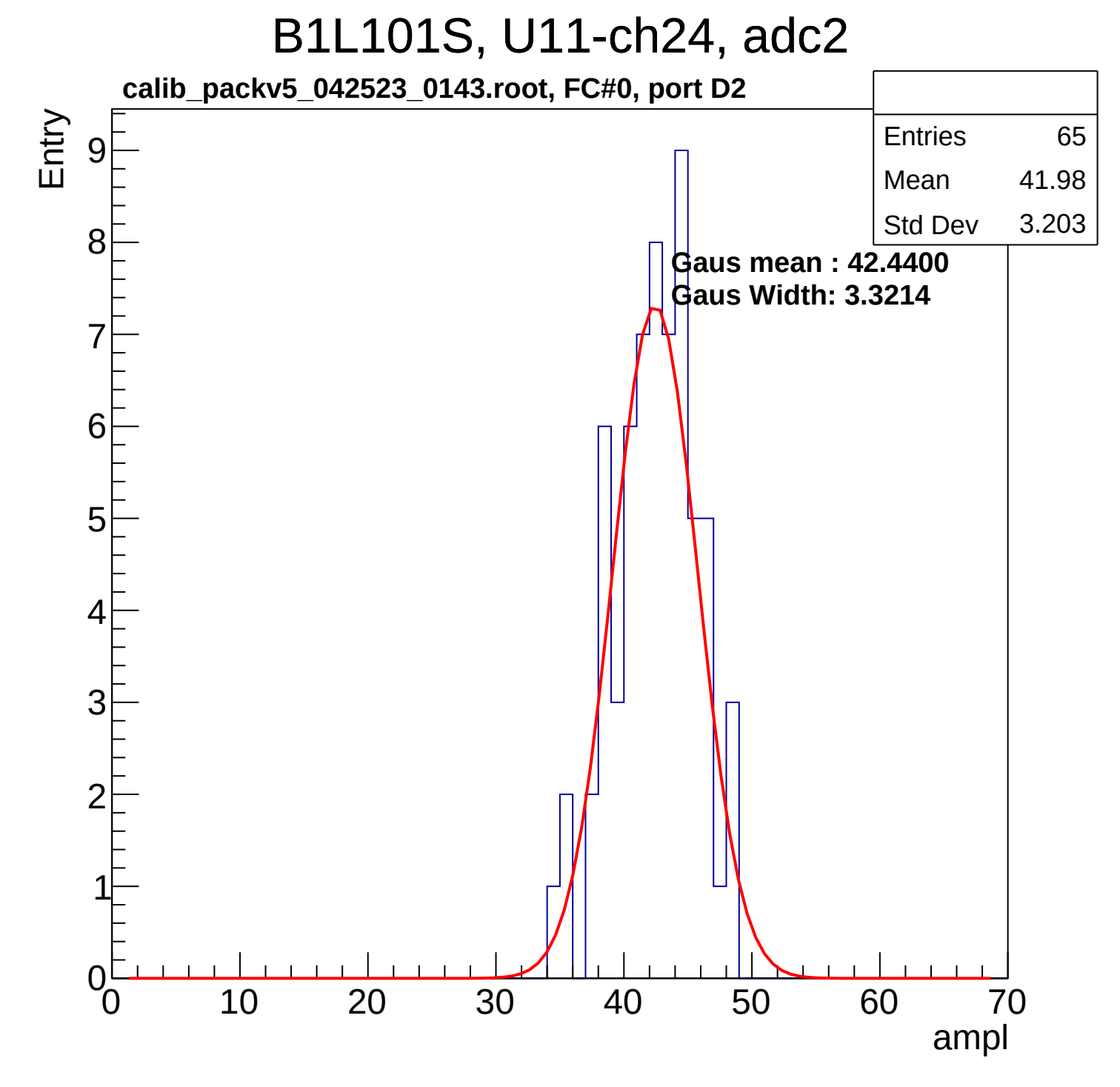
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch24, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 35.86
Std Dev 3.311
Gaus mean : 36.4157
Gaus Width: 2.8812
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch24, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 41.98
Std Dev 3.203
Gaus mean : 42.4400
Gaus Width: 3.3214
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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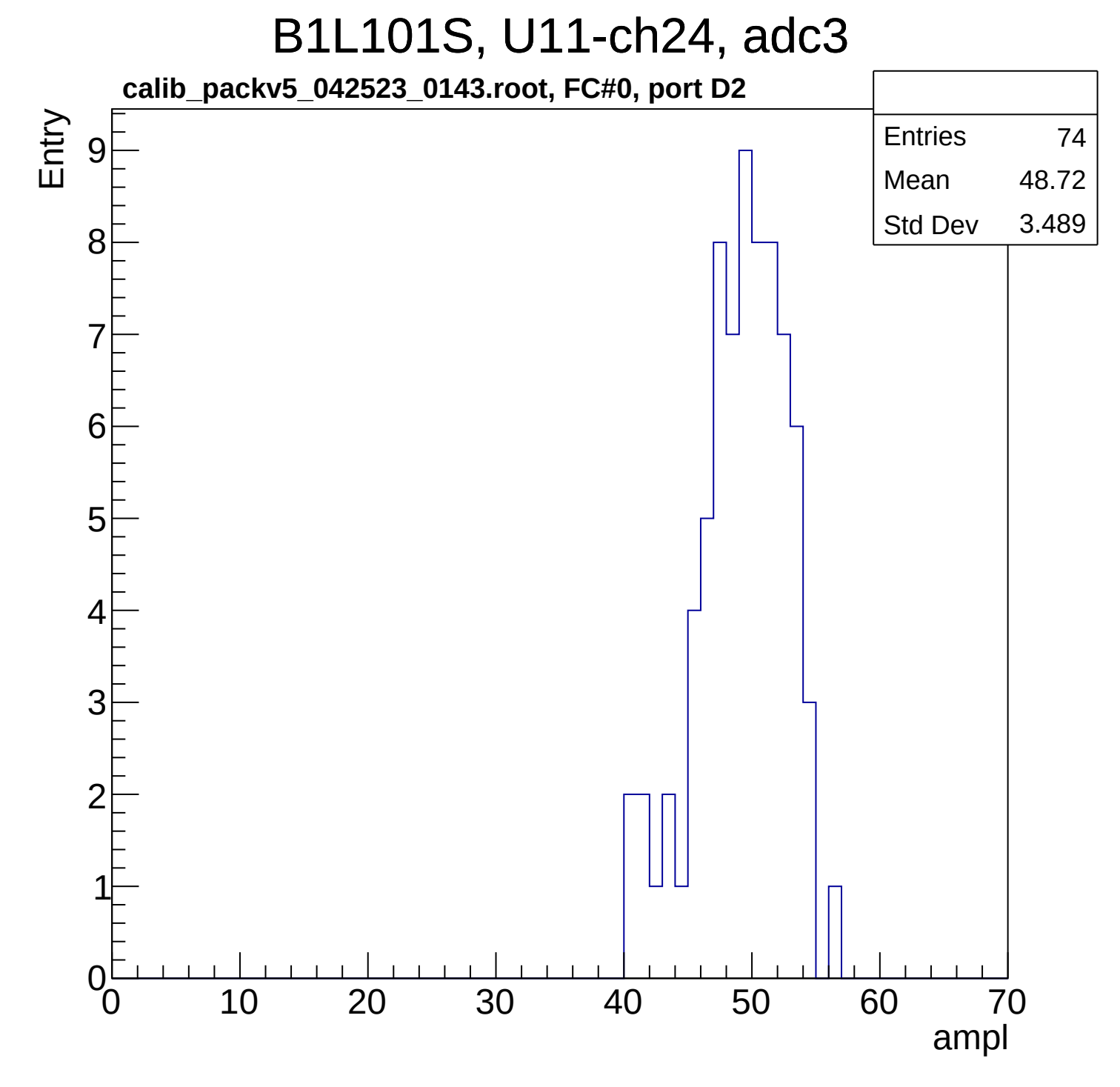
B1L101S, U11-ch24, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 74
Mean 48.72
Std Dev 3.489
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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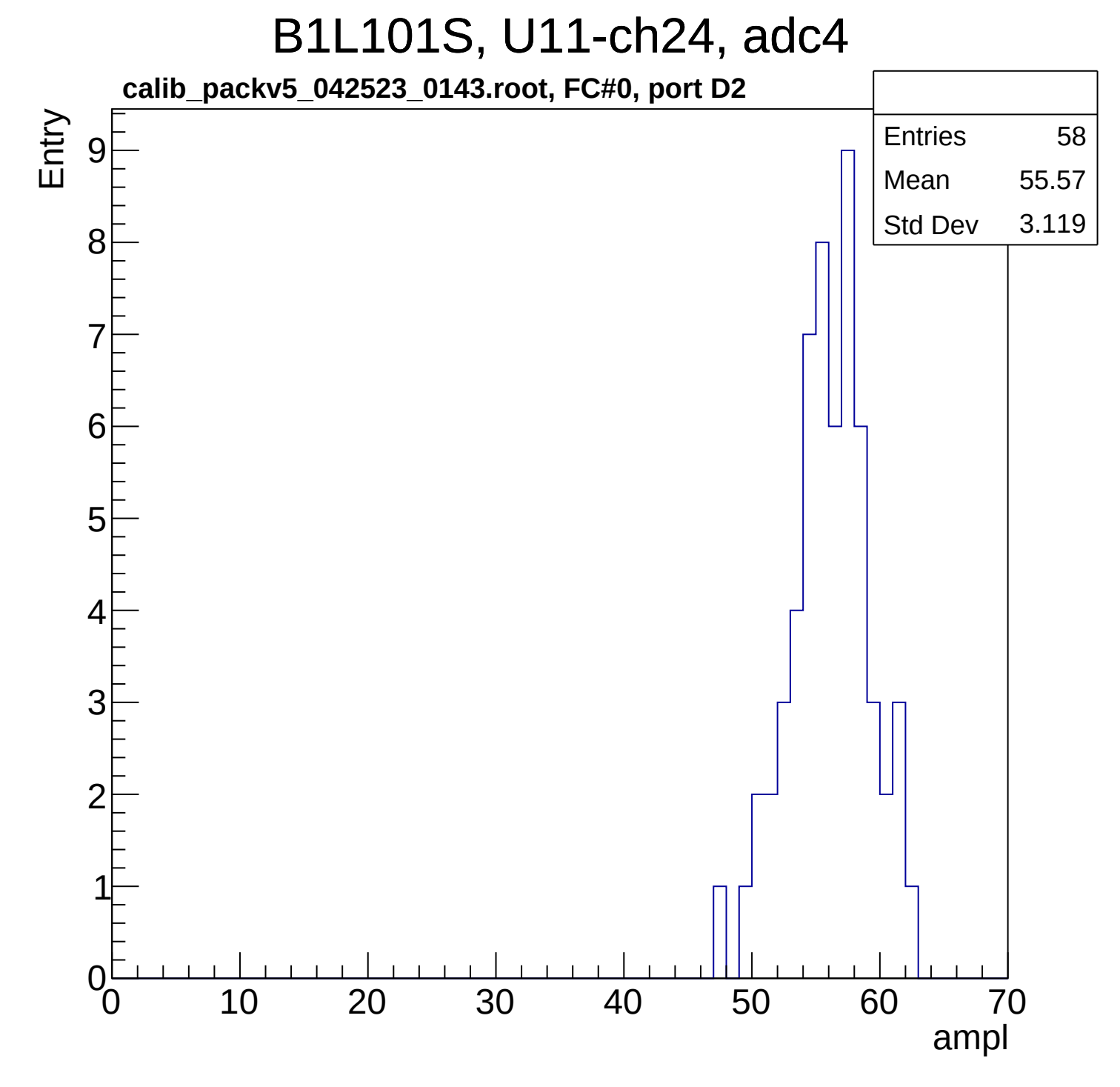
B1L101S, U11-ch24, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 55.57
Std Dev 3.119
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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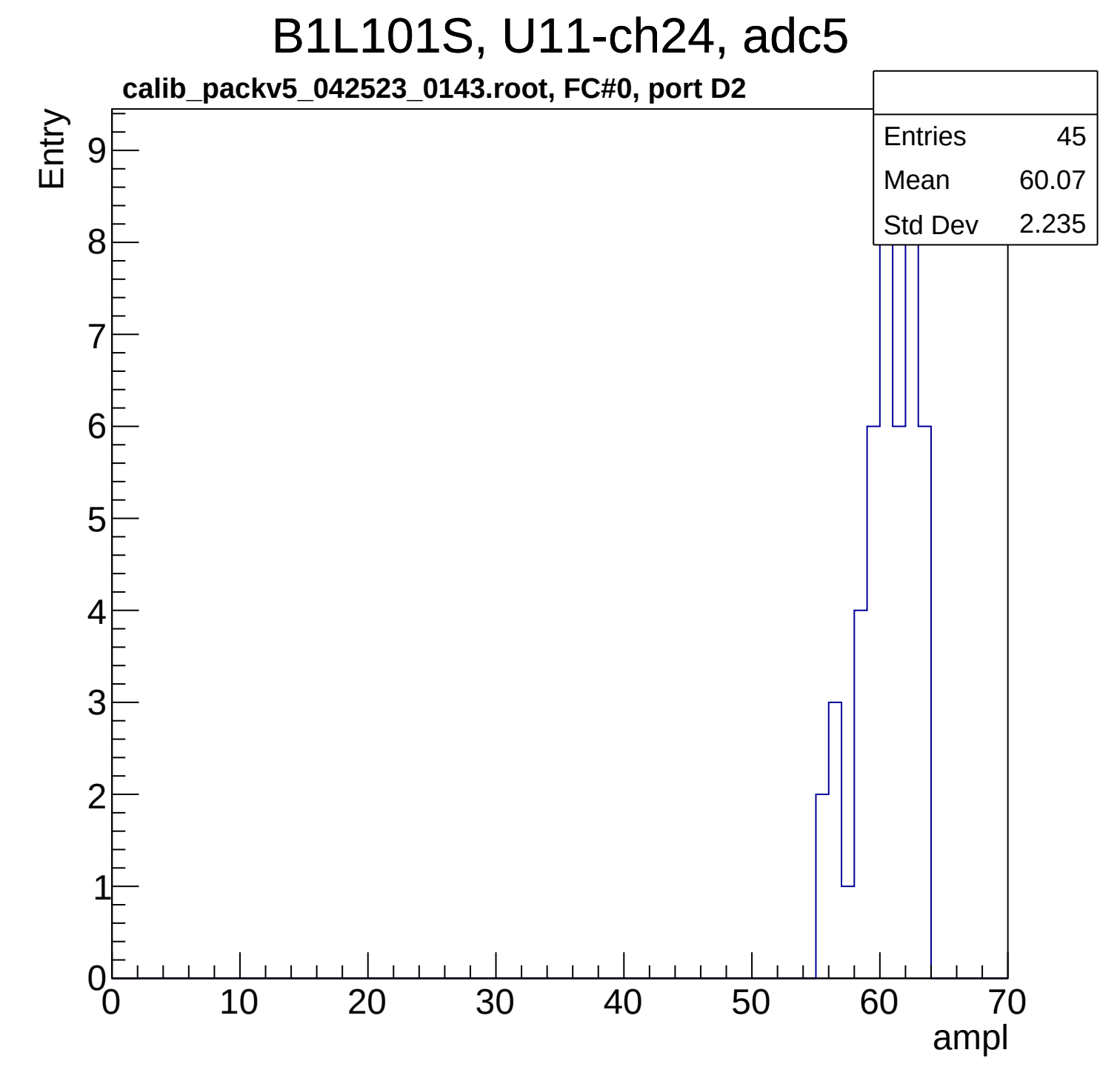
B1L101S, U11-ch24, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 45
Mean 60.07
Std Dev 2.235
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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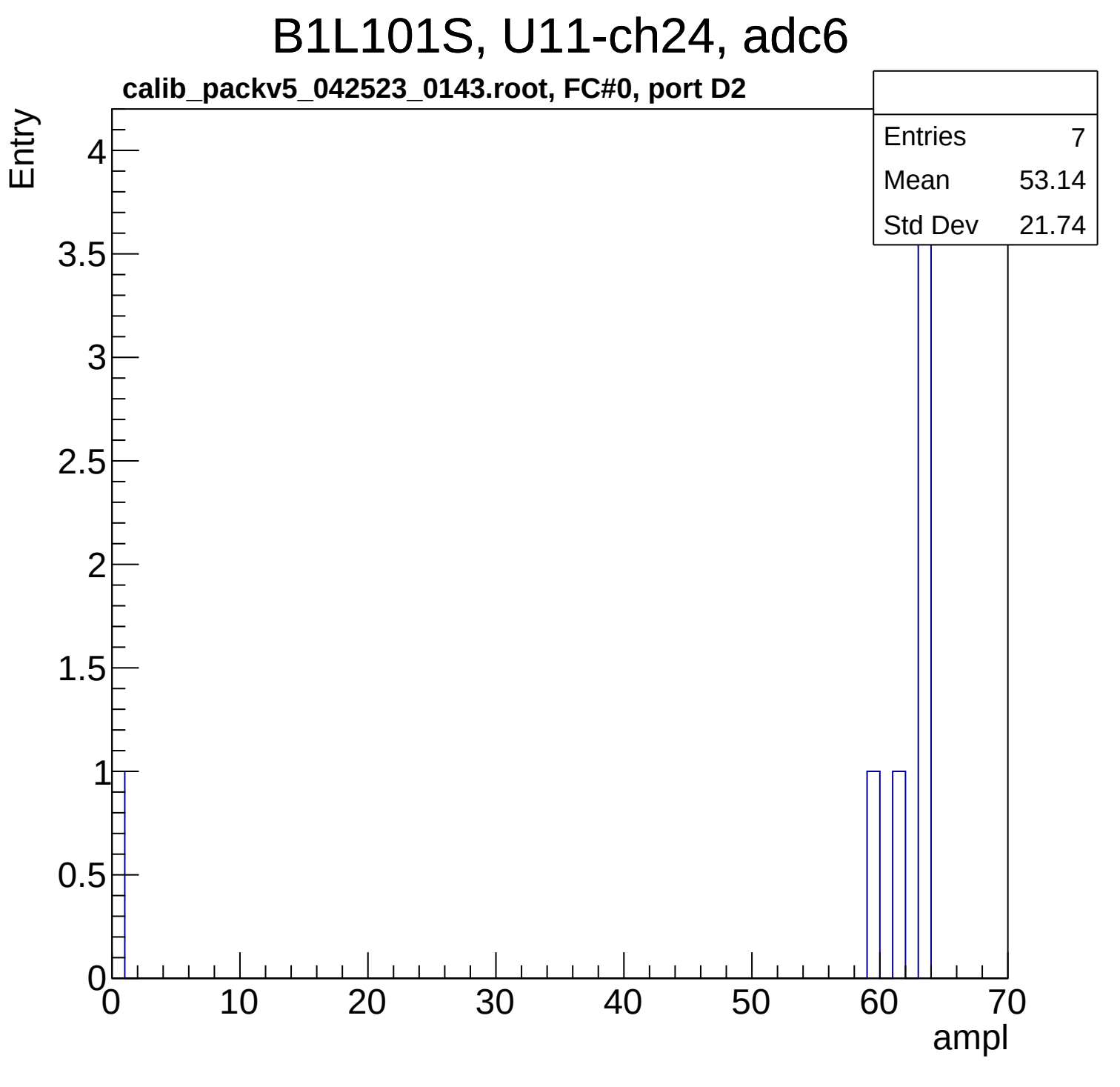
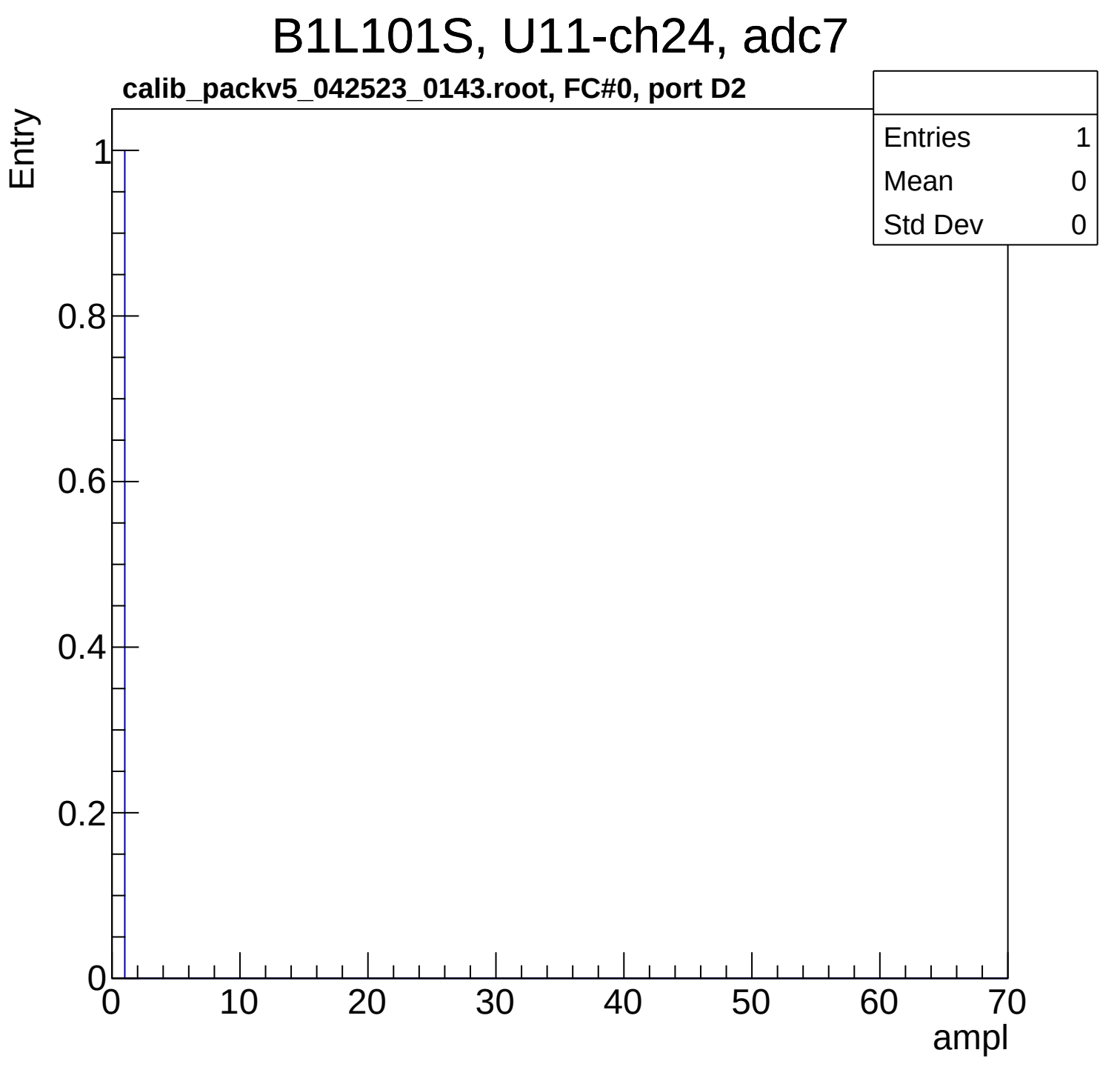
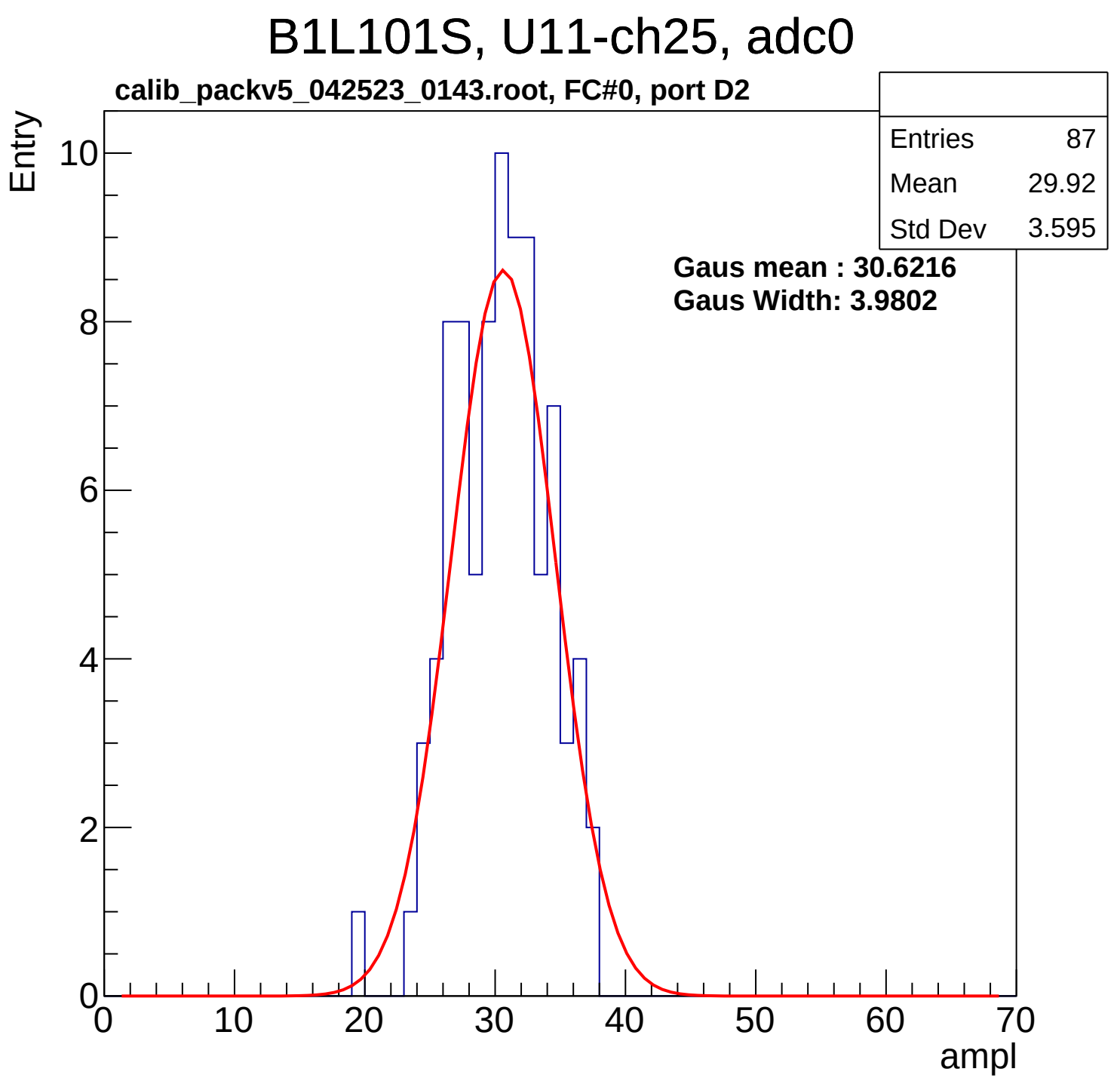

B1L101S, U11-ch24, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 7
Mean 53.14
Std Dev 21.74
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L101S, U11-ch24, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch25, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 87
Mean 29.92
Std Dev 3.595
Gaus mean : 30.6216
Gaus Width: 3.9802
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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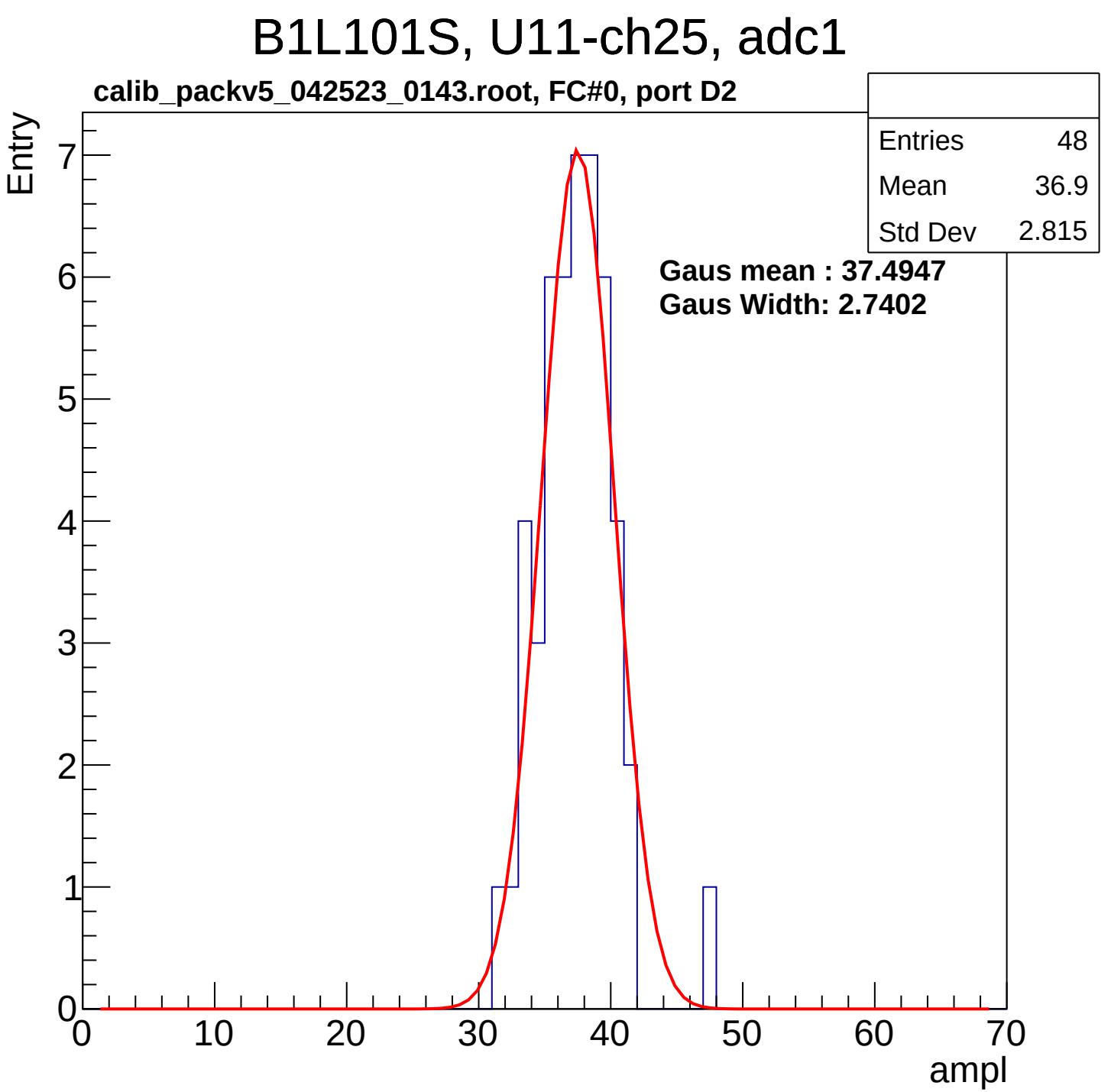
B1L101S, U11-ch25, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 48
Mean 36.9
Std Dev 2.815
Gaus mean : 37.4947
Gaus Width: 2.7402
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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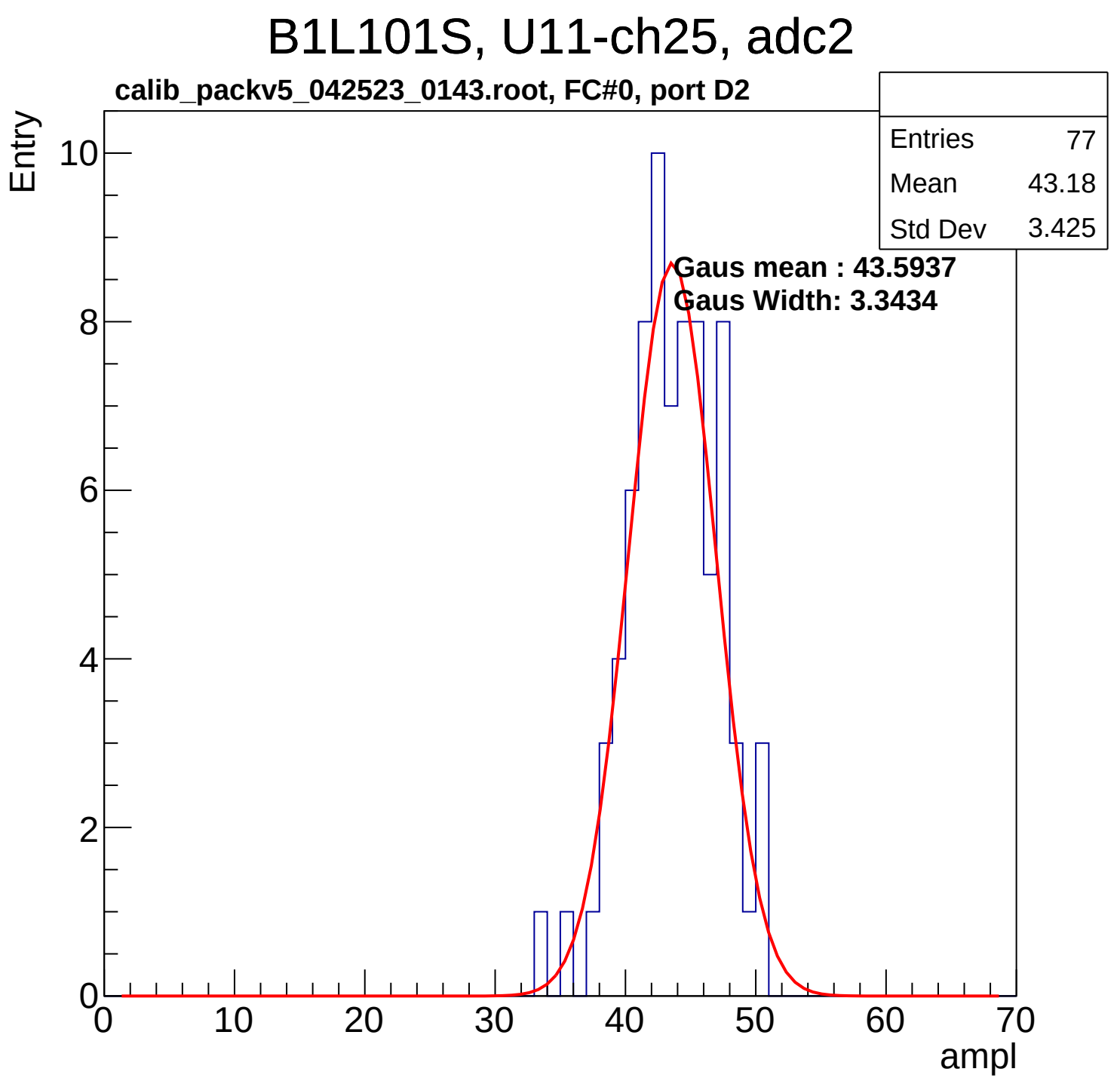
B1L101S, U11-ch25, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 77
Mean 43.18
Std Dev 3.425
Gaus mean : 43.5937
Gaus Width: 3.3434
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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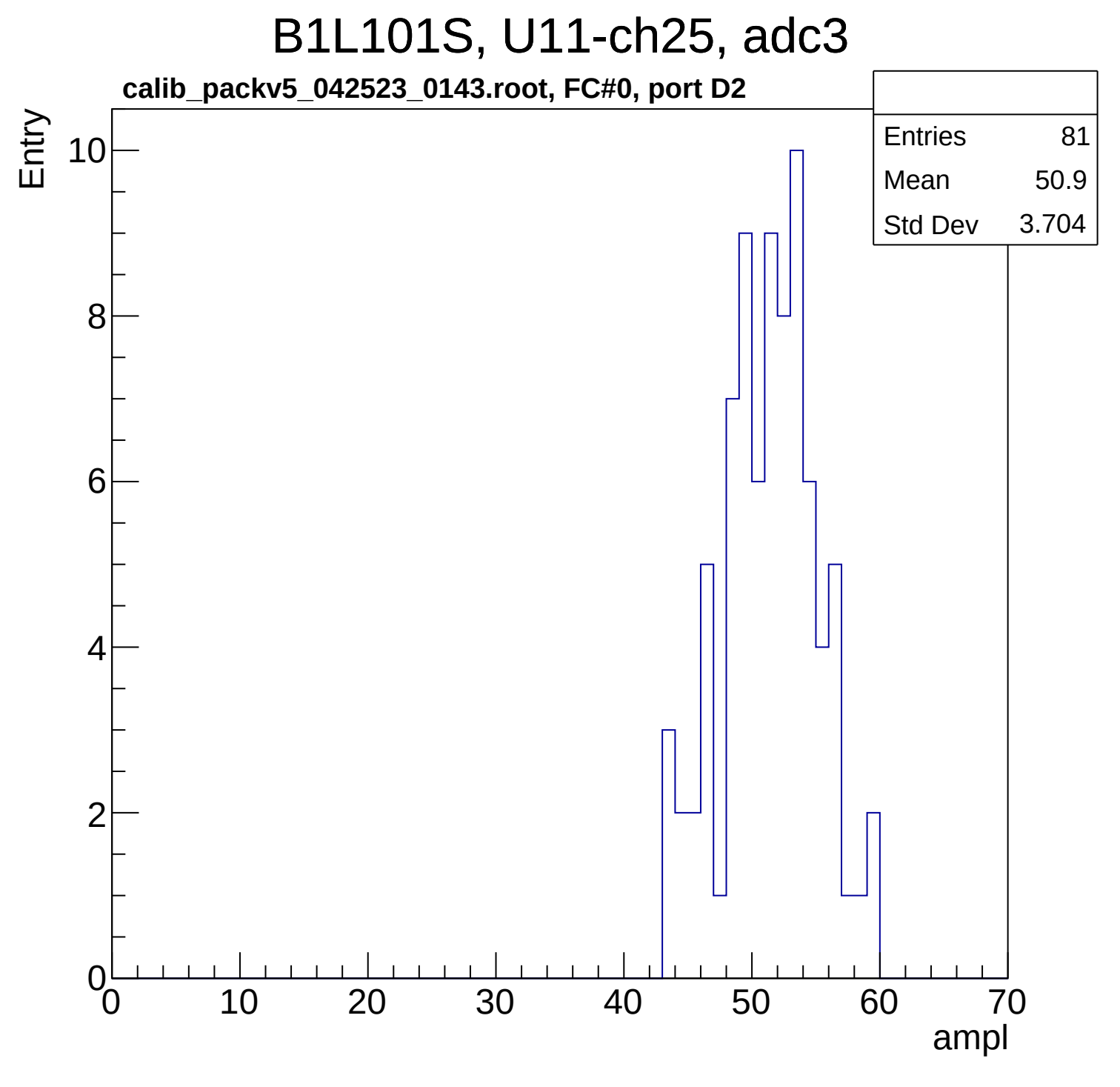
B1L101S, U11-ch25, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 81
Mean 50.9
Std Dev 3.704
Entry
ampl
0
2
4
6
8
10
0
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20
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40
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60
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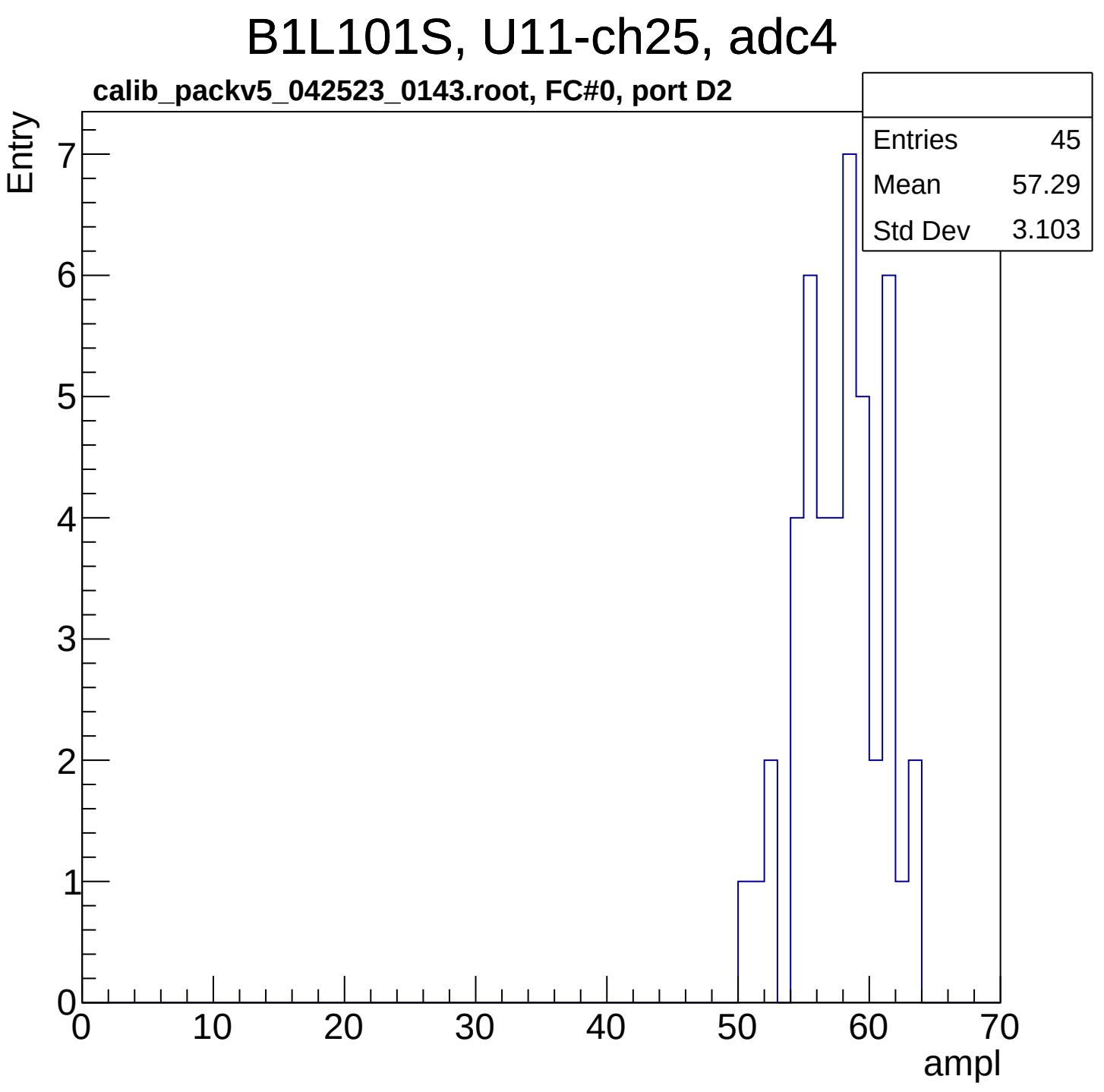
B1L101S, U11-ch25, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 45
Mean 57.29
Std Dev 3.103
Entry
ampl
0
1
2
3
4
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6
7
0
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20
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40
50
60
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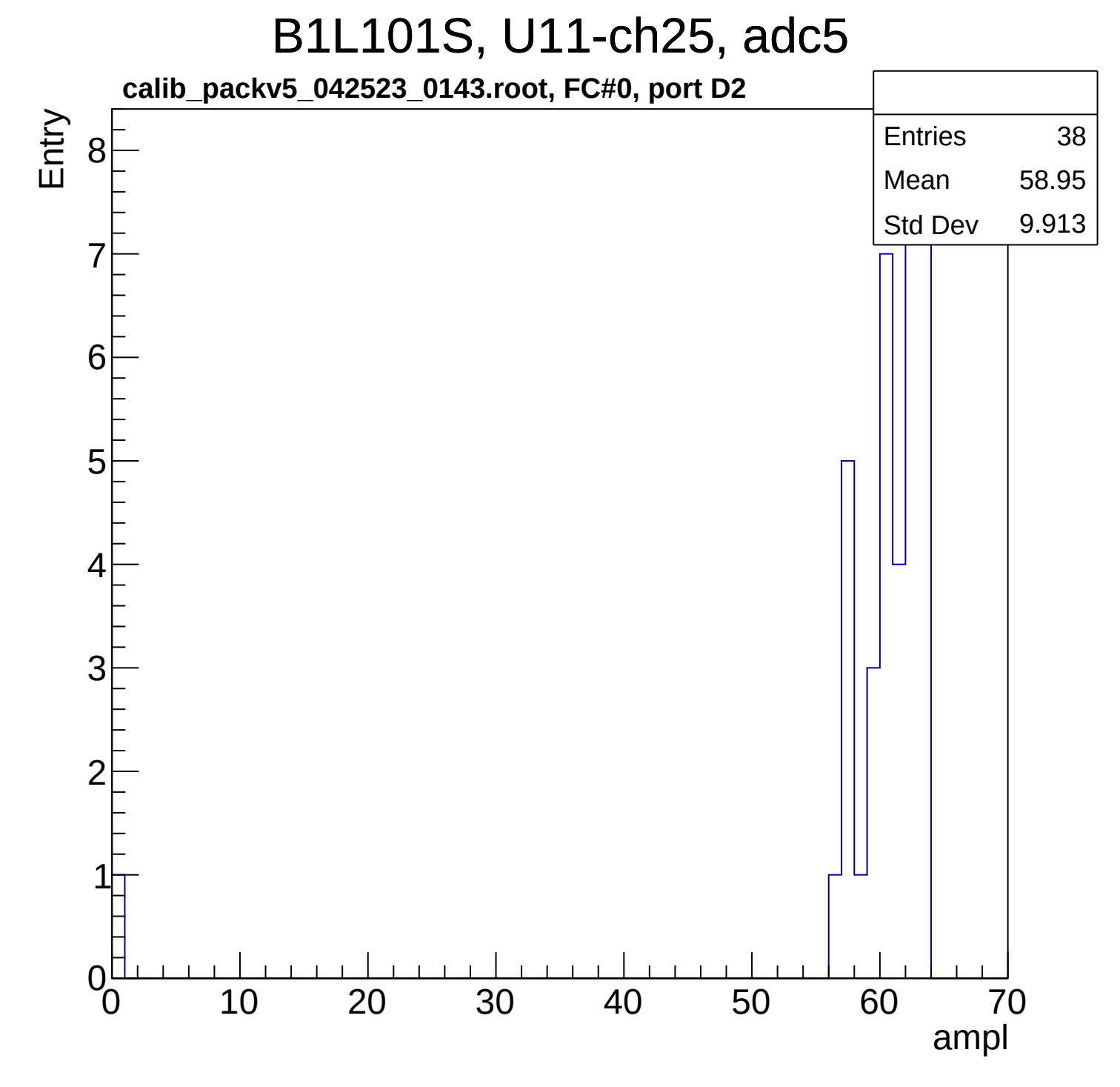
B1L101S, U11-ch25, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 38
Mean 58.95
Std Dev 9.913
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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60
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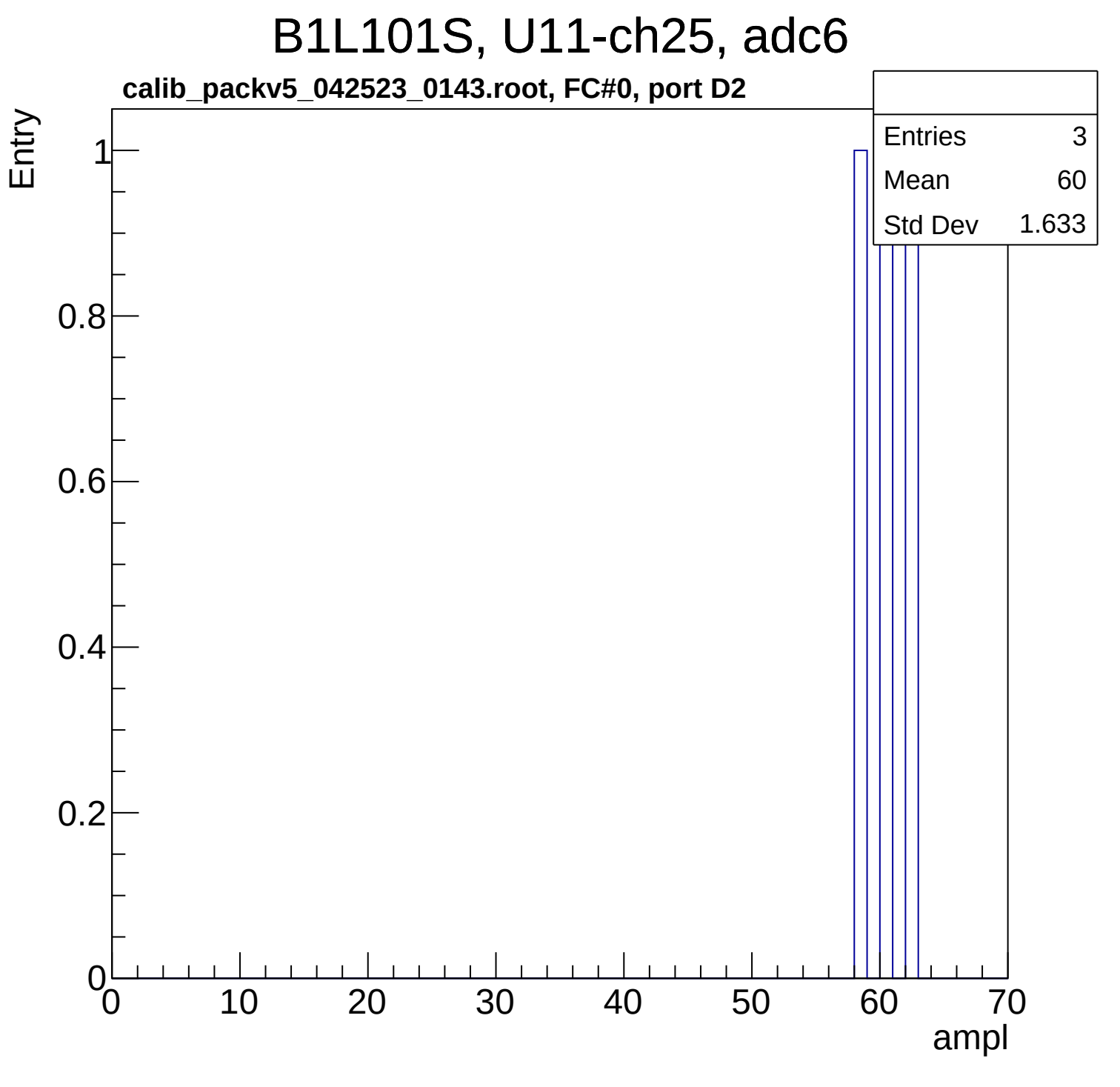
B1L101S, U11-ch25, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 60
Std Dev 1.633
Entry
ampl
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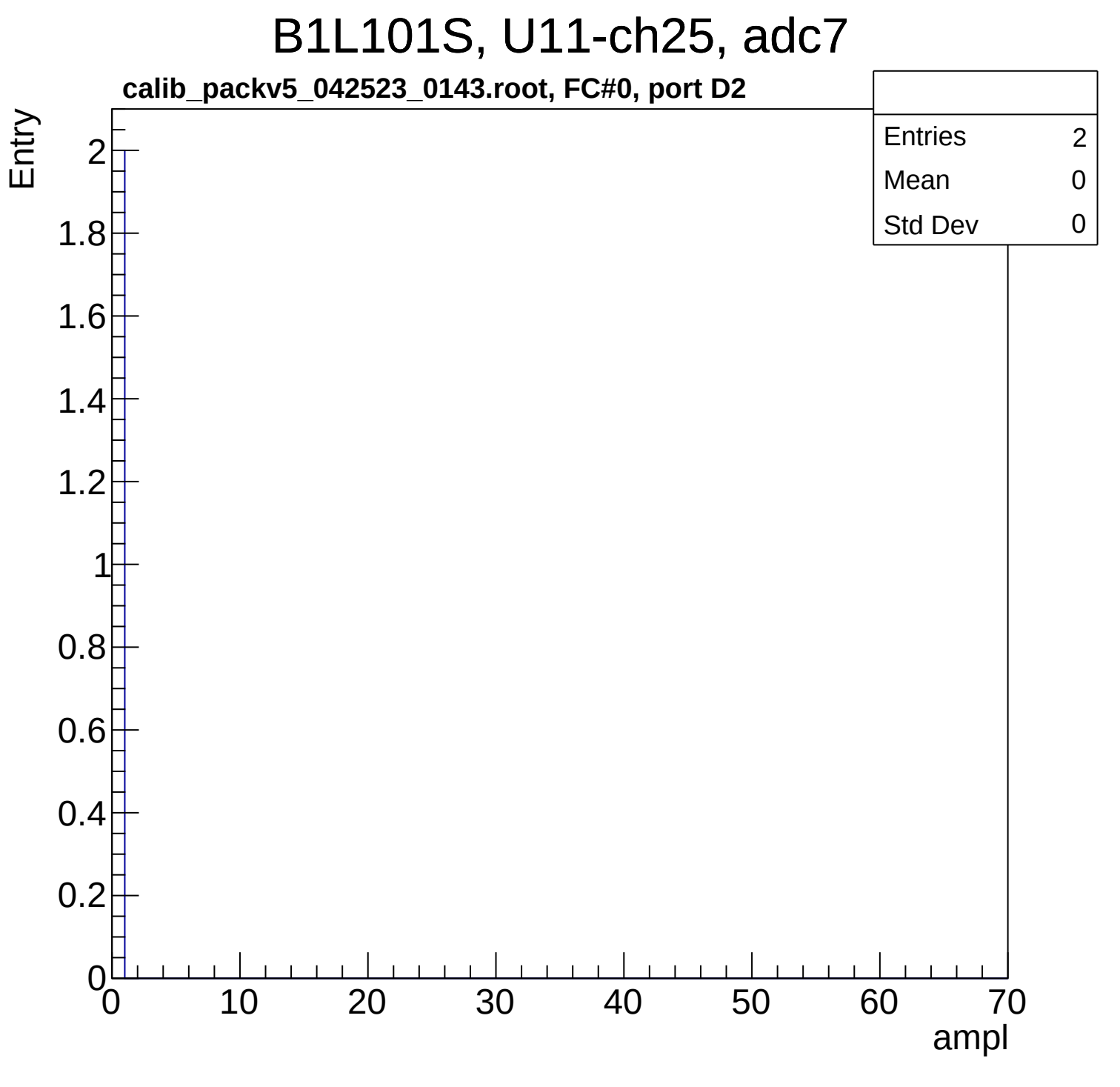
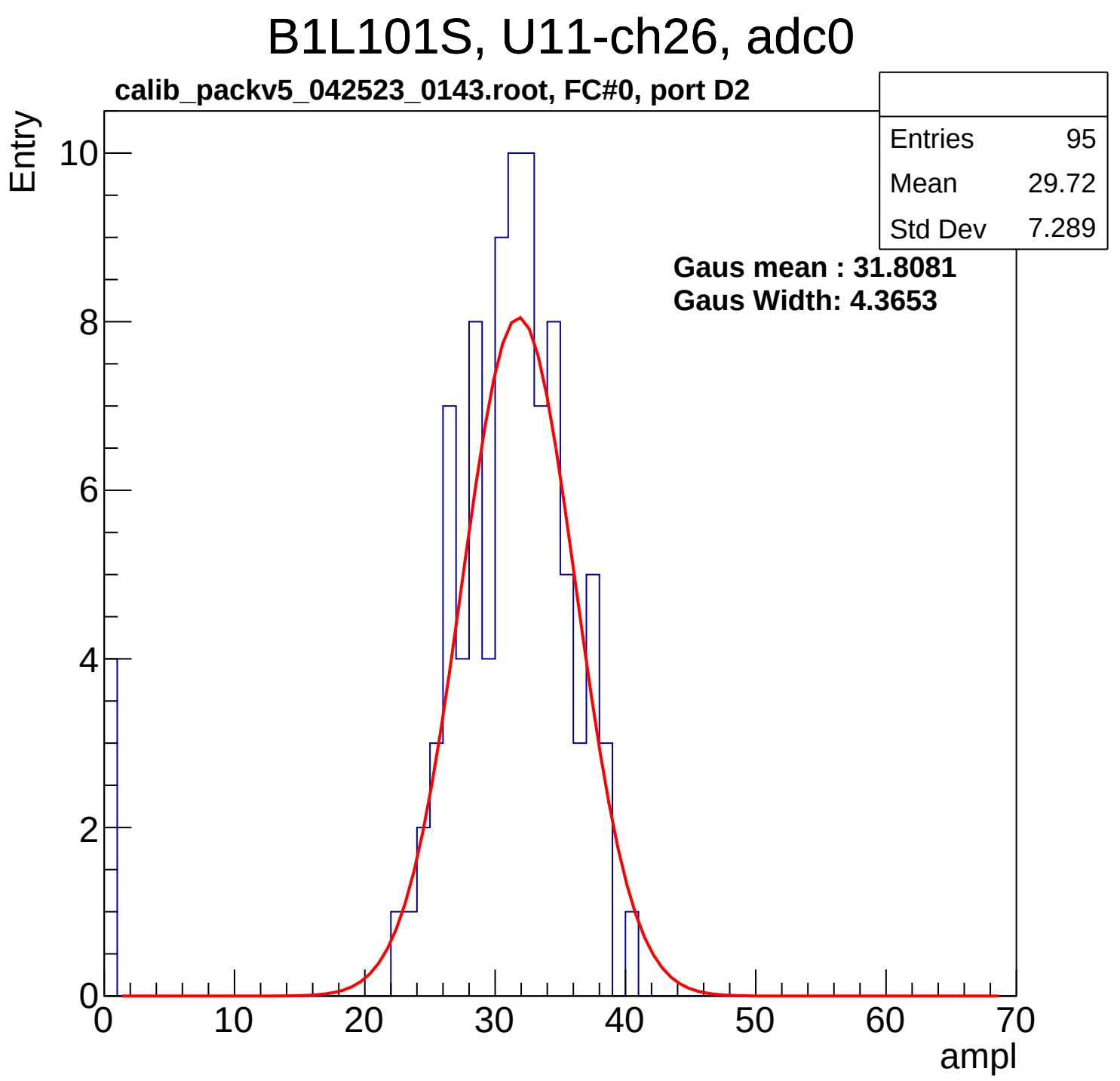
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L101S, U11-ch25, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch26, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 95
Mean 29.72
Std Dev 7.289
Gaus mean : 31.8081
Gaus Width: 4.3653
Entry
ampl
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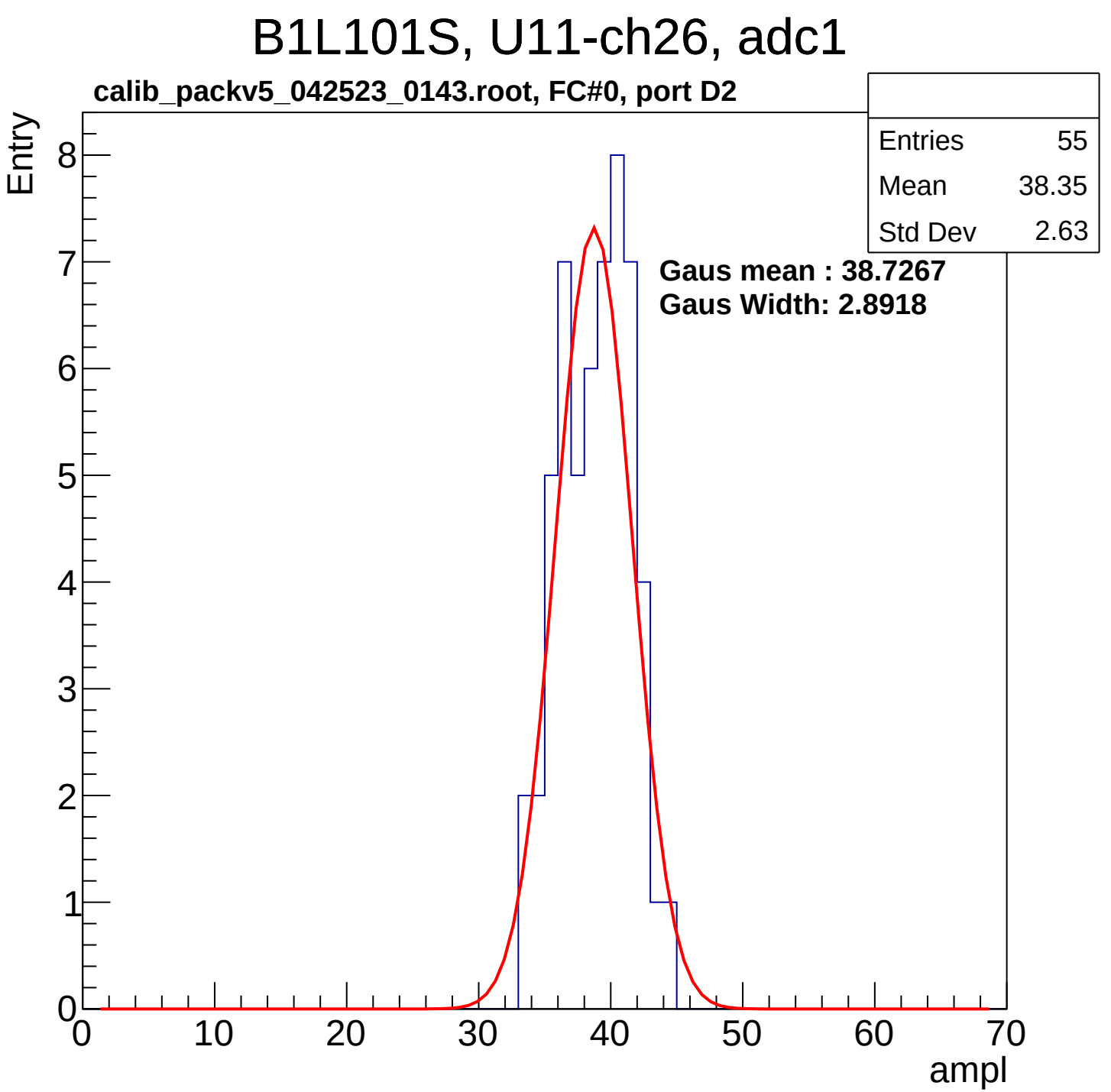
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch26, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 38.35
Std Dev 2.63
Gaus mean : 38.7267
Gaus Width: 2.8918
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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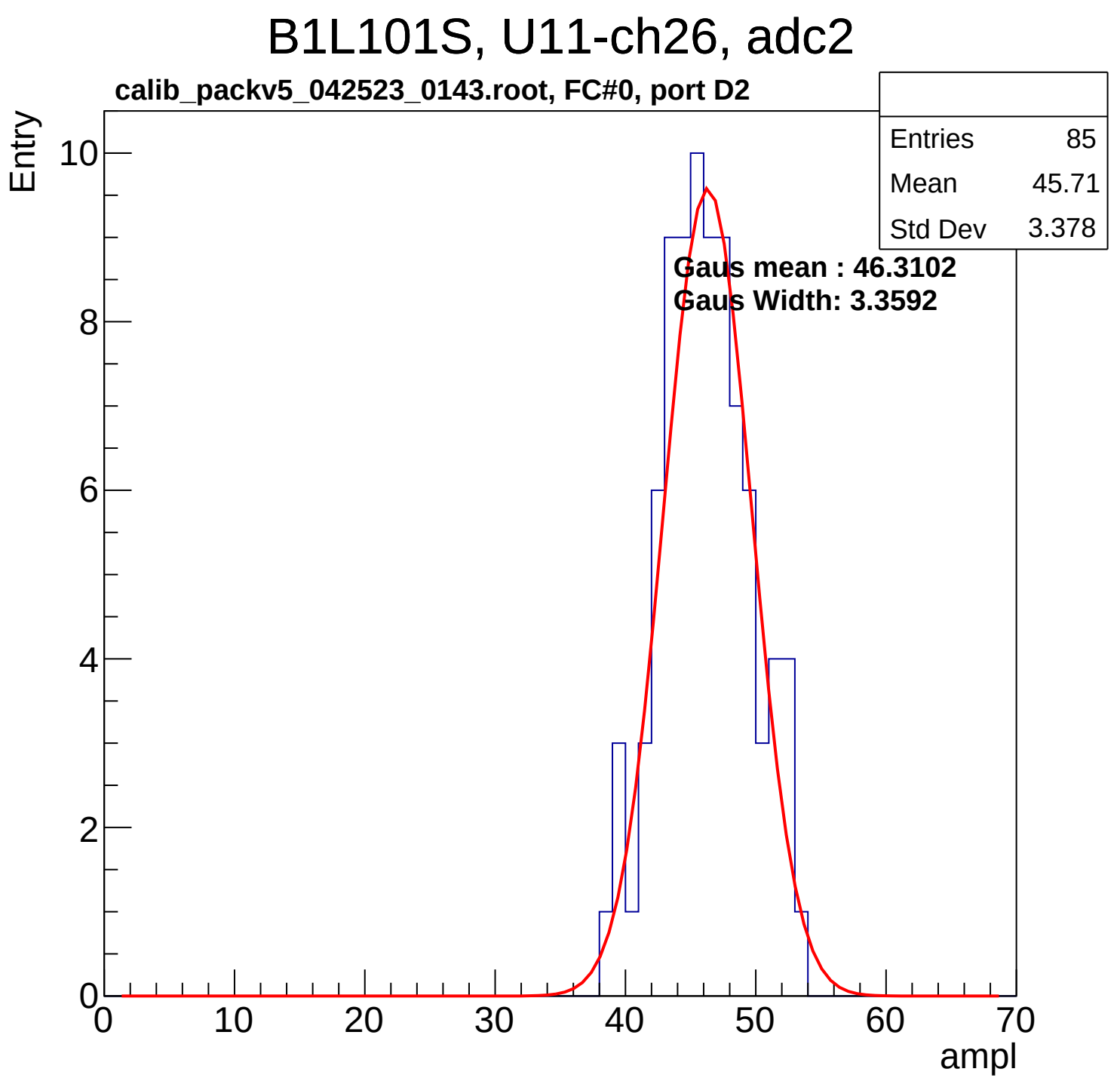
B1L101S, U11-ch26, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 85
Mean 45.71
Std Dev 3.378
Gaus mean : 46.3102
Gaus Width: 3.3592
Entry
ampl
0
2
4
6
8
10
0
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20
30
40
50
60
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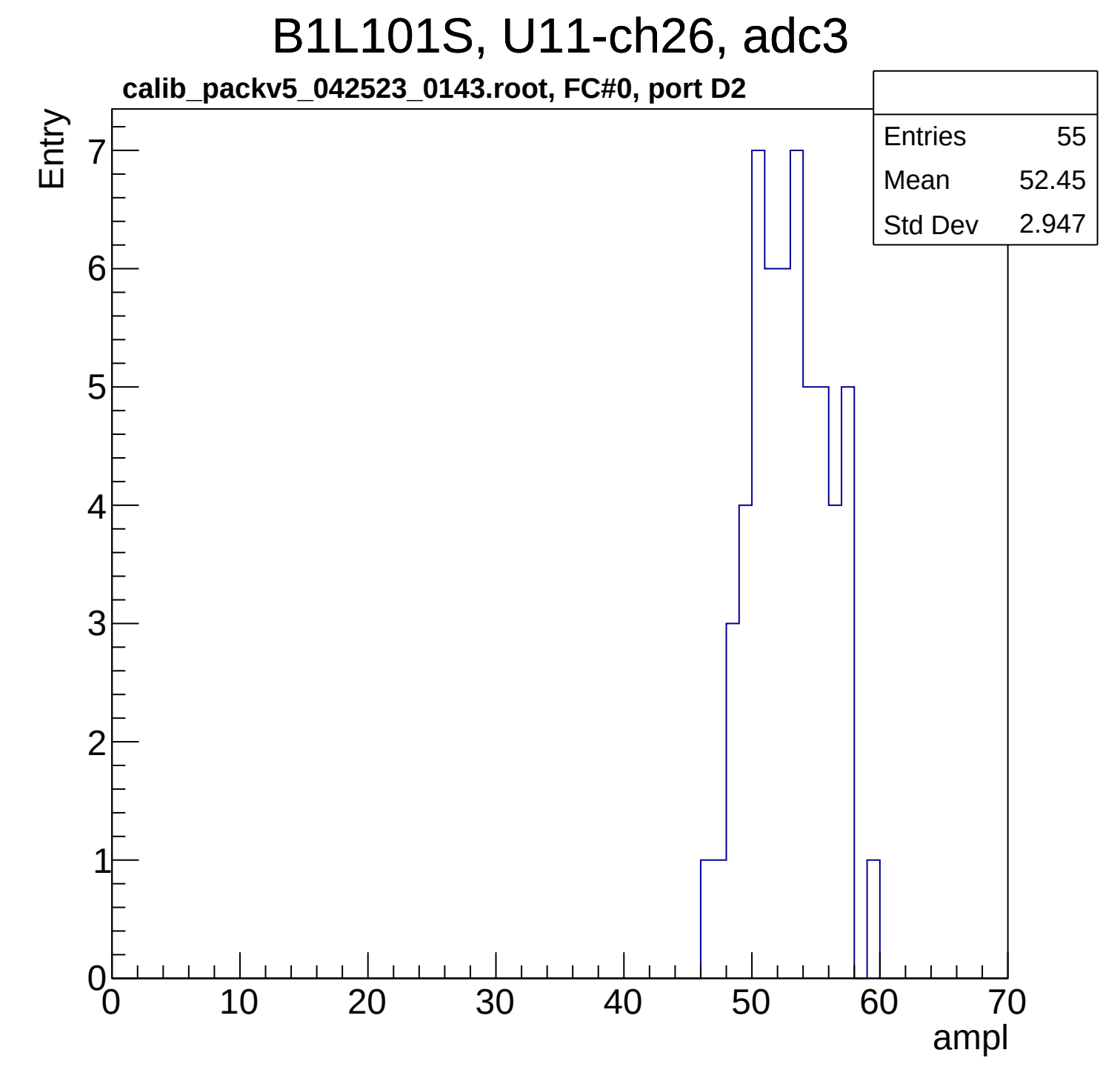
B1L101S, U11-ch26, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 52.45
Std Dev 2.947
Entry
ampl
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3
4
5
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0
10
20
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40
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60
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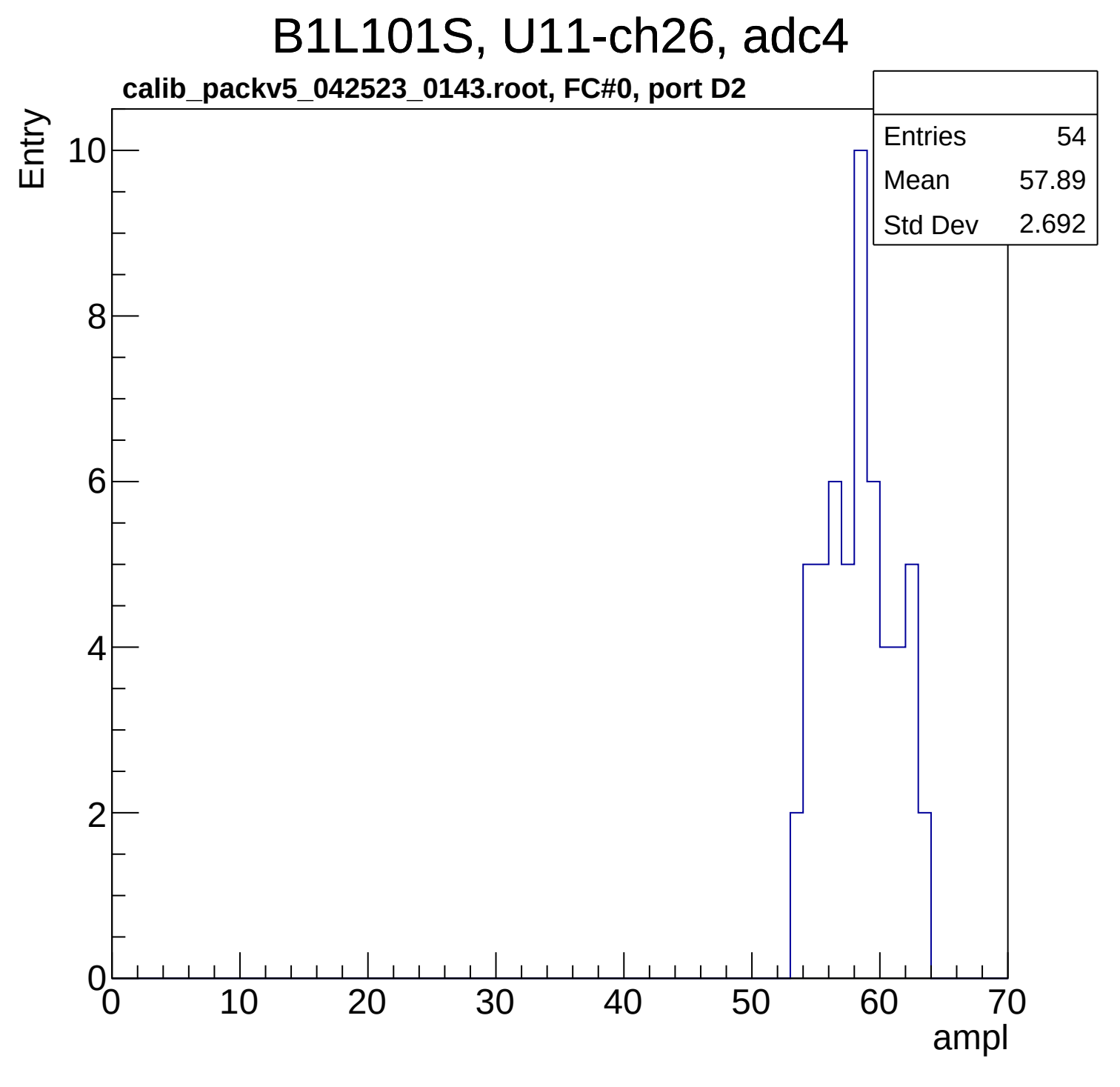
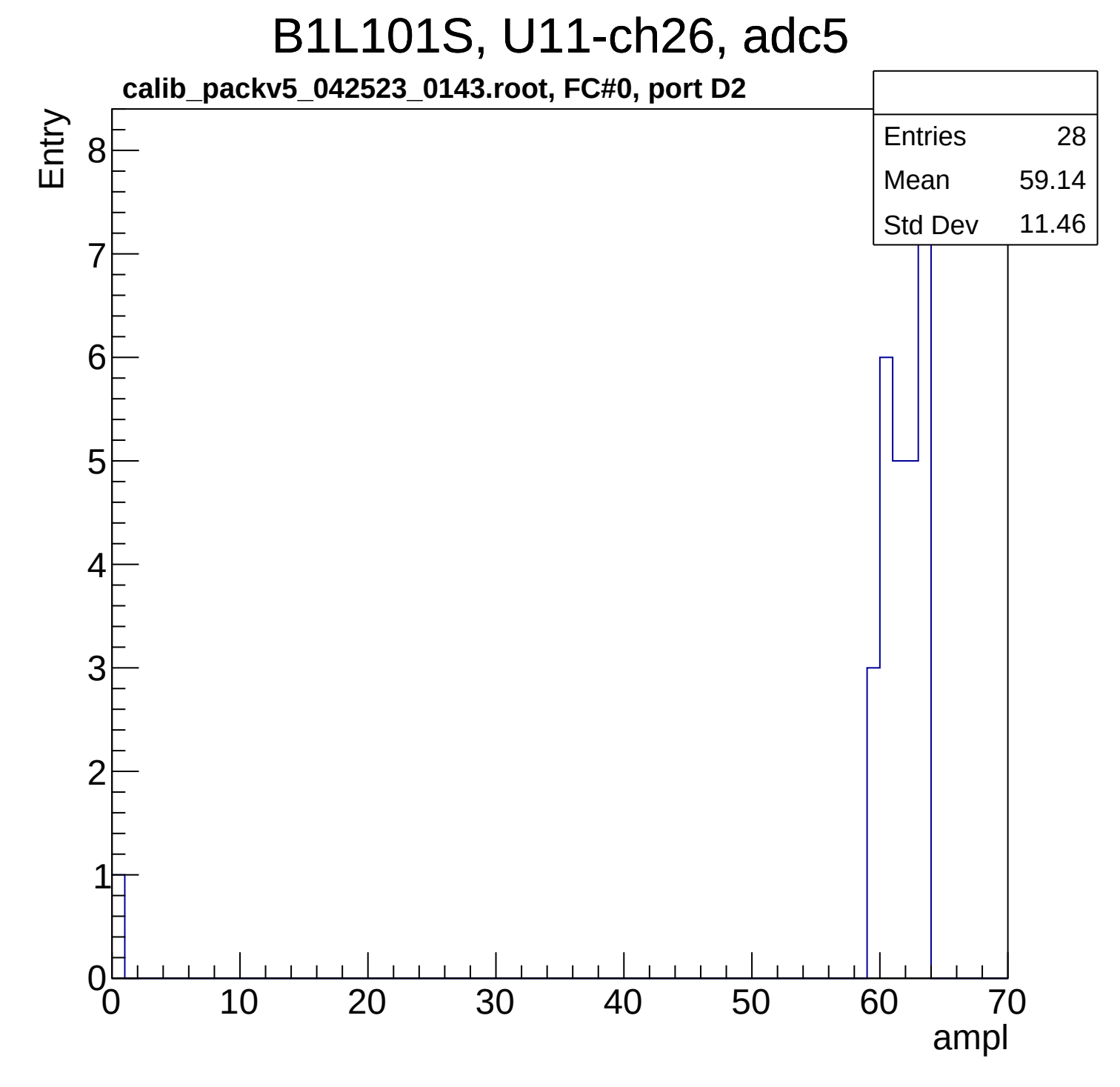

B1L101S, U11-ch26, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 54
Mean 57.89
Std Dev 2.692
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch26, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 28
Mean 59.14
Std Dev 11.46
Entry
ampl
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2
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4
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6
7
8
0
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20
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40
50
60
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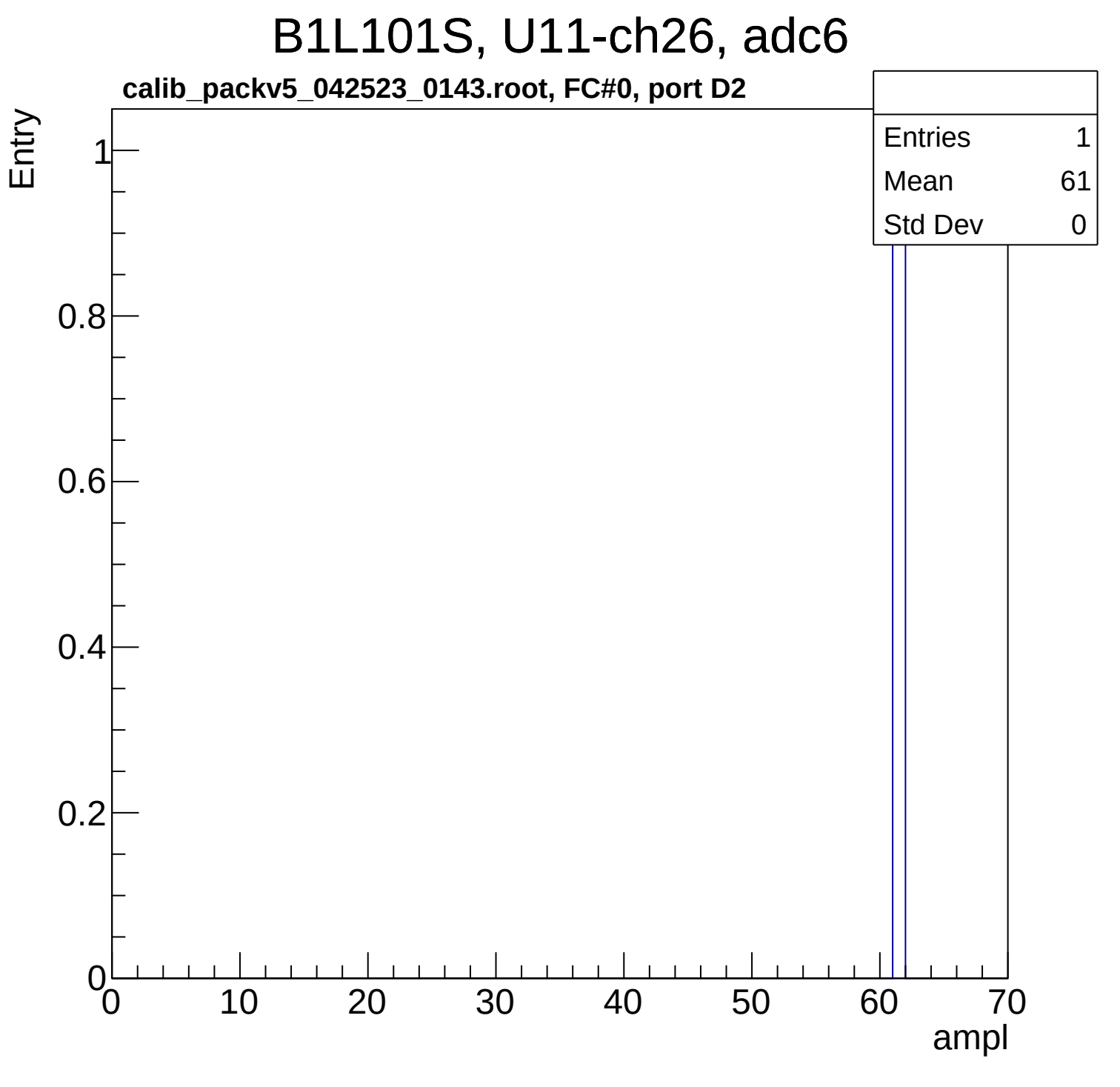
B1L101S, U11-ch26, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 61
Std Dev 0
Entry
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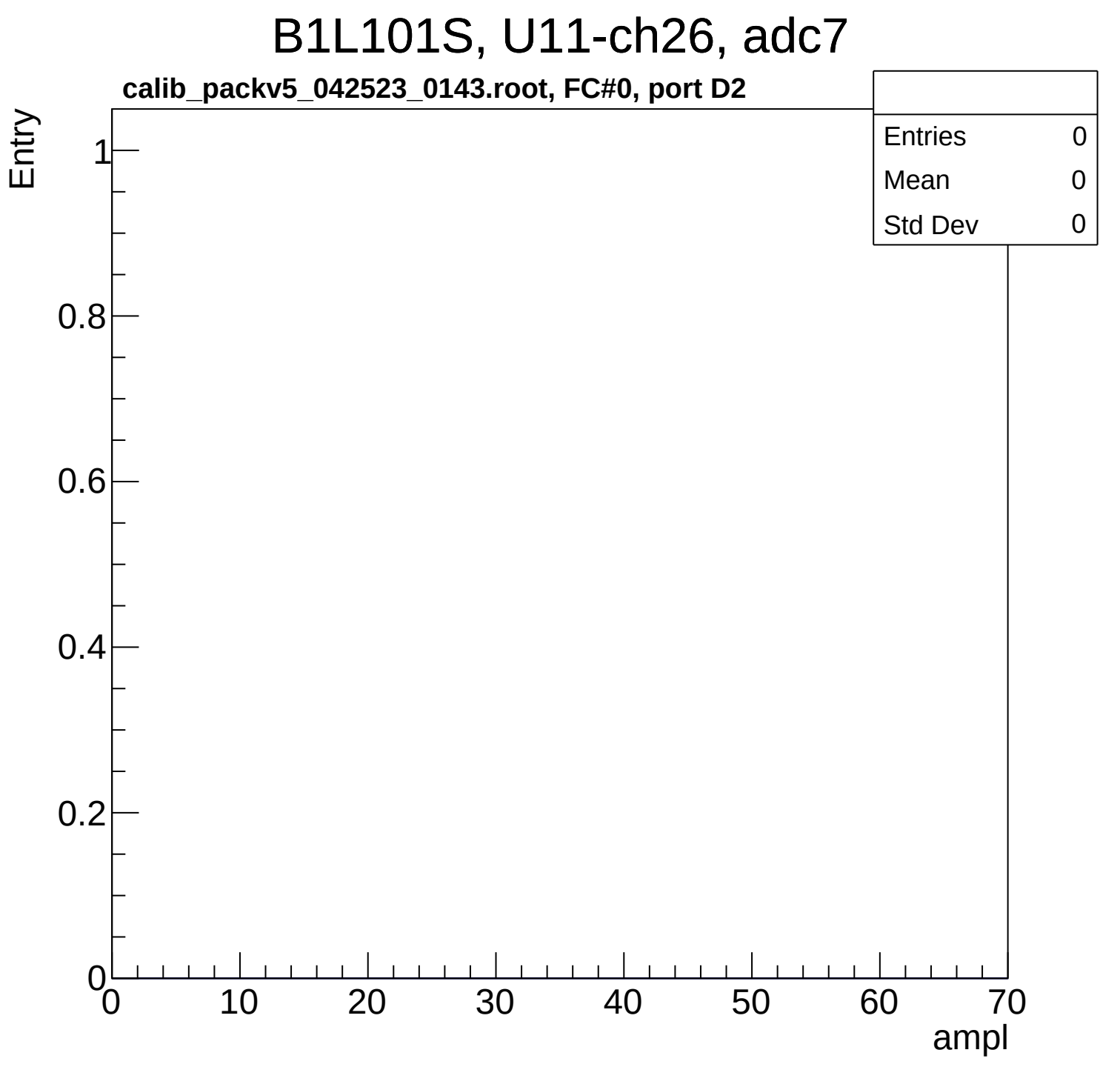
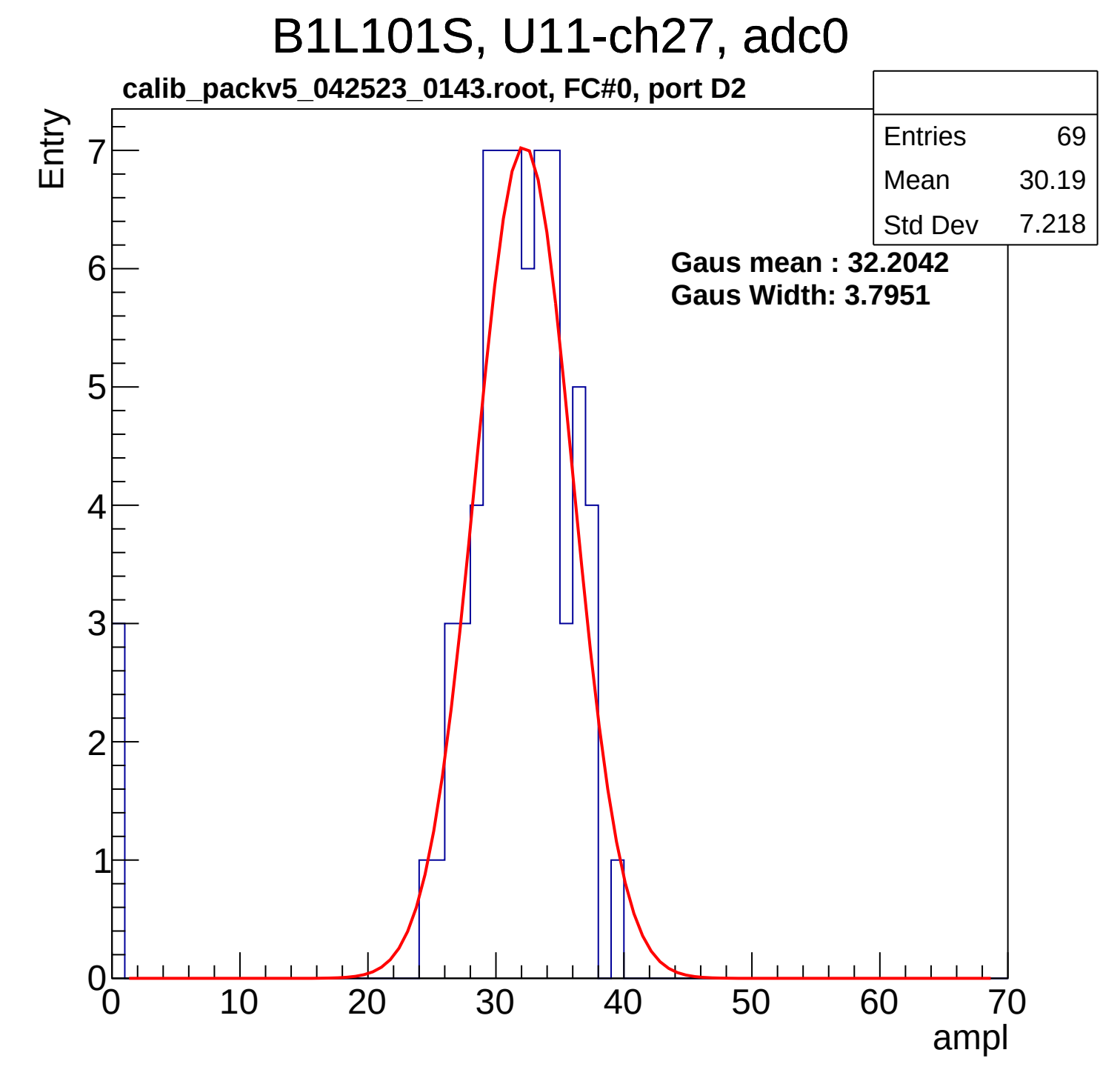
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch26, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch27, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 30.19
Std Dev 7.218
Gaus mean : 32.2042
Gaus Width: 3.7951
Entry
ampl
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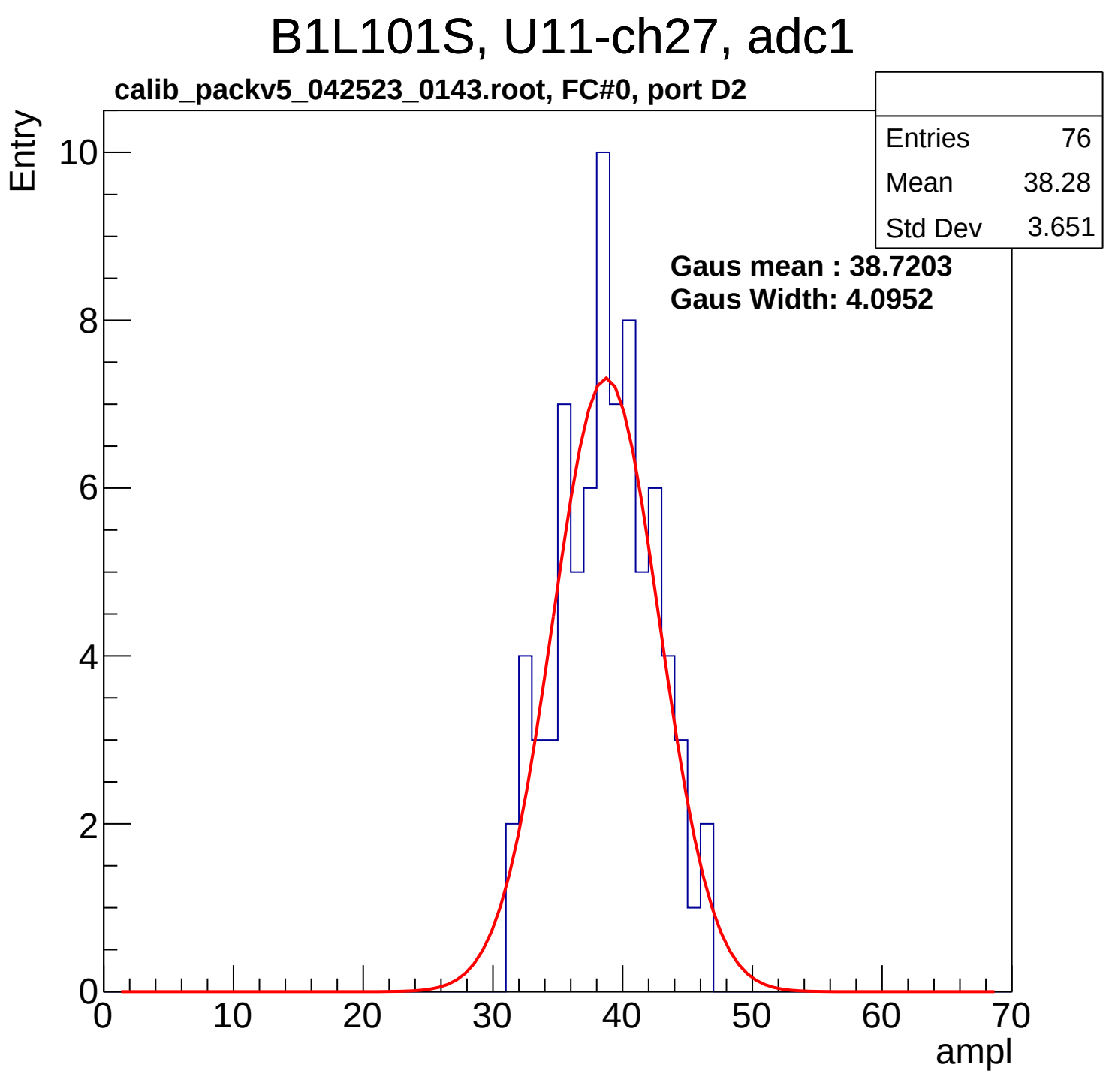
B1L101S, U11-ch27, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 38.28
Std Dev 3.651
Gaus mean : 38.7203
Gaus Width: 4.0952
Entry
ampl
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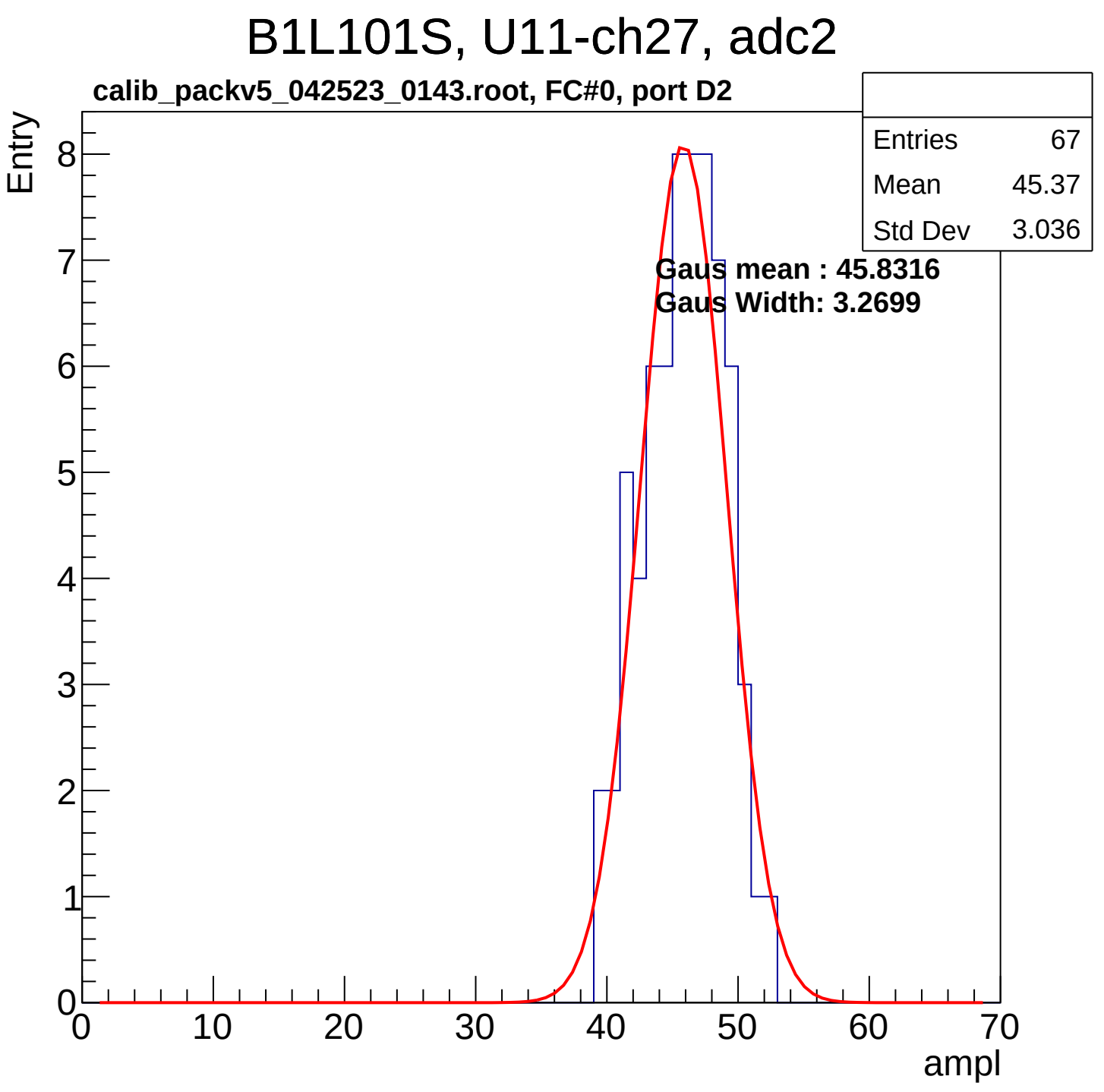
B1L101S, U11-ch27, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 45.37
Std Dev 3.036
Gaus mean : 45.8316
Gaus Width: 3.2699
Entry
ampl
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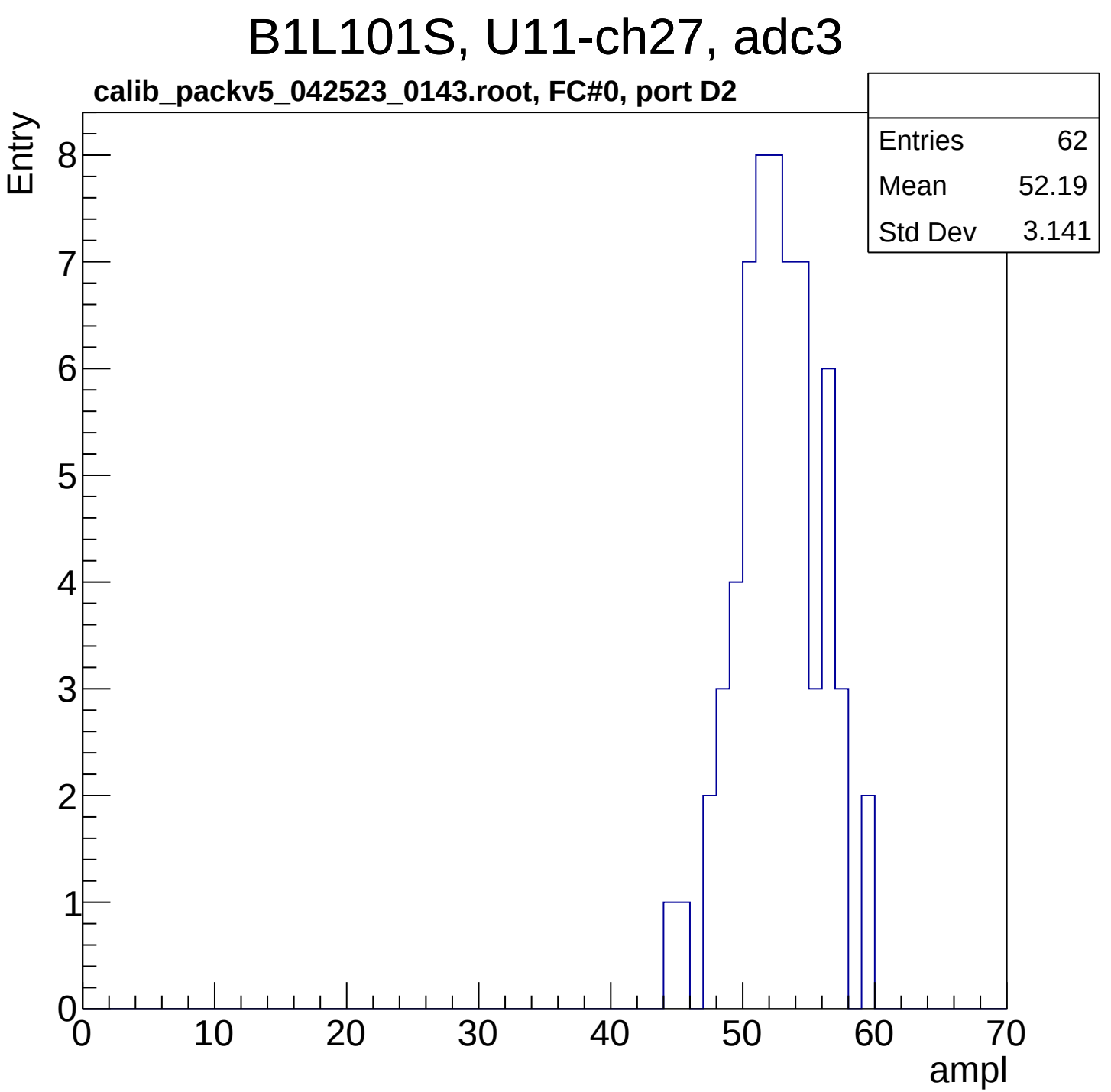
B1L101S, U11-ch27, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 52.19
Std Dev 3.141
Entry
ampl
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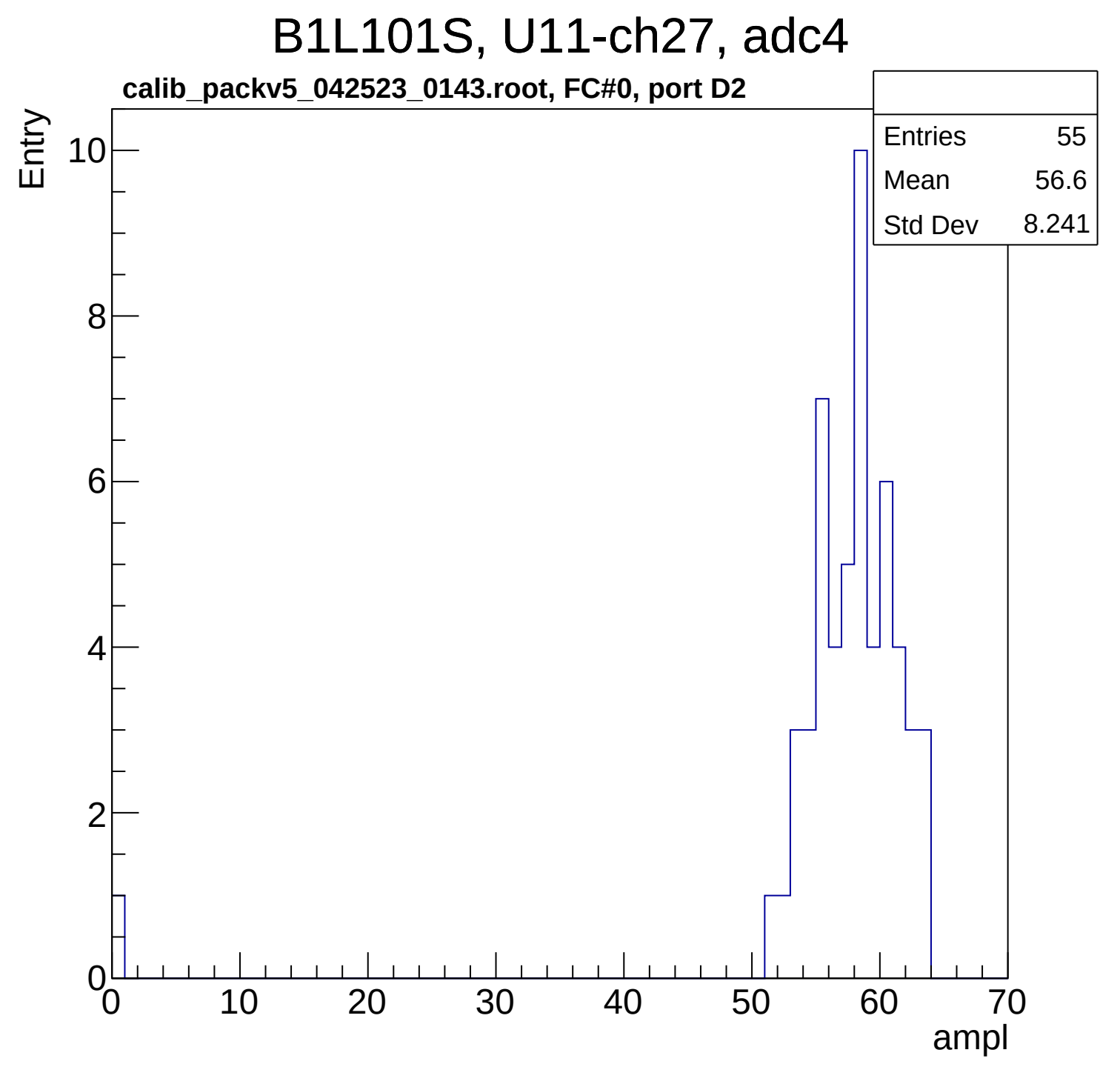
B1L101S, U11-ch27, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 56.6
Std Dev 8.241
Entry
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10
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50
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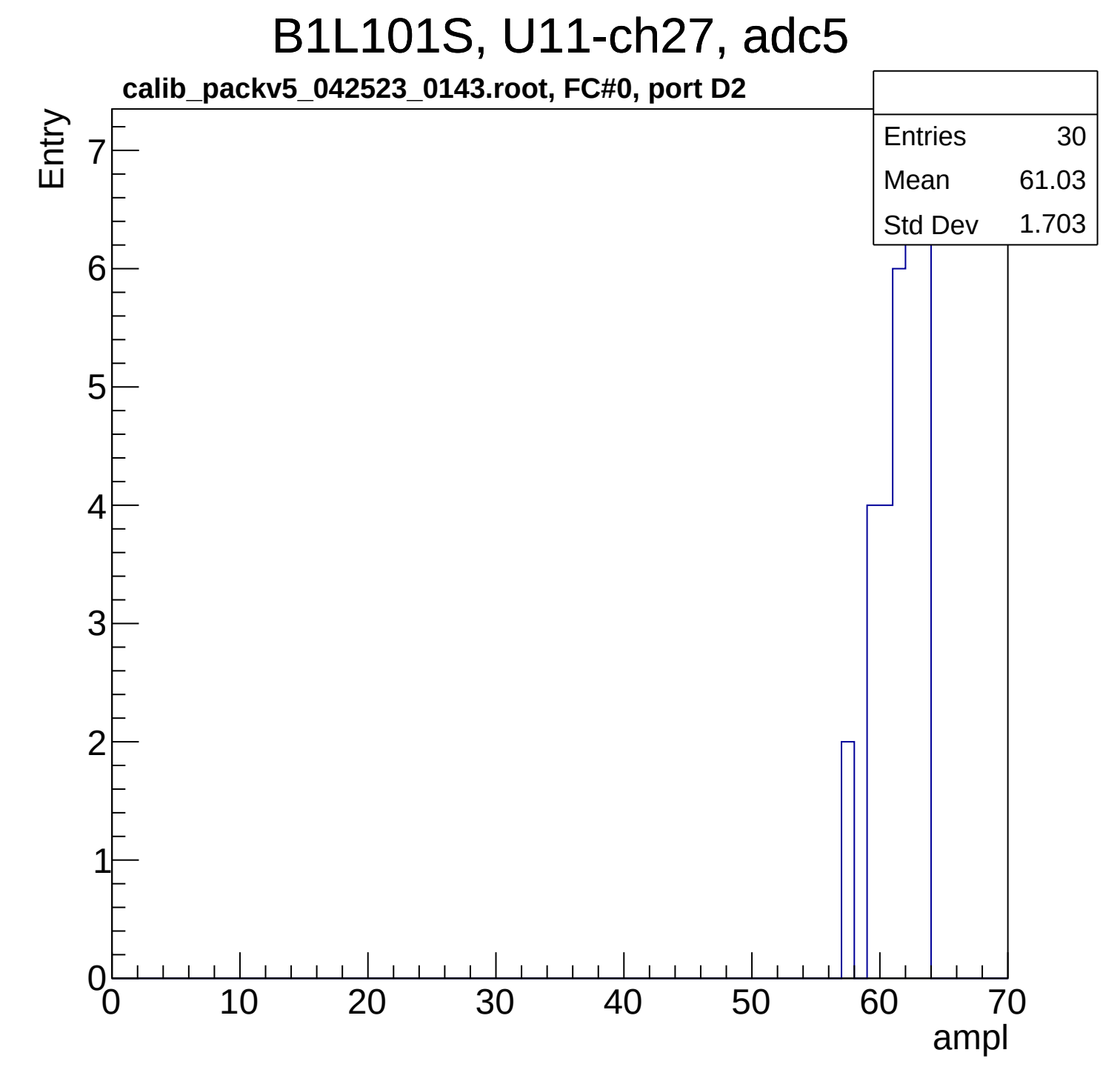
70
ampl


B1L101S, U11-ch27, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 30
Mean 61.03
Std Dev 1.703
Entry
ampl
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4
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60
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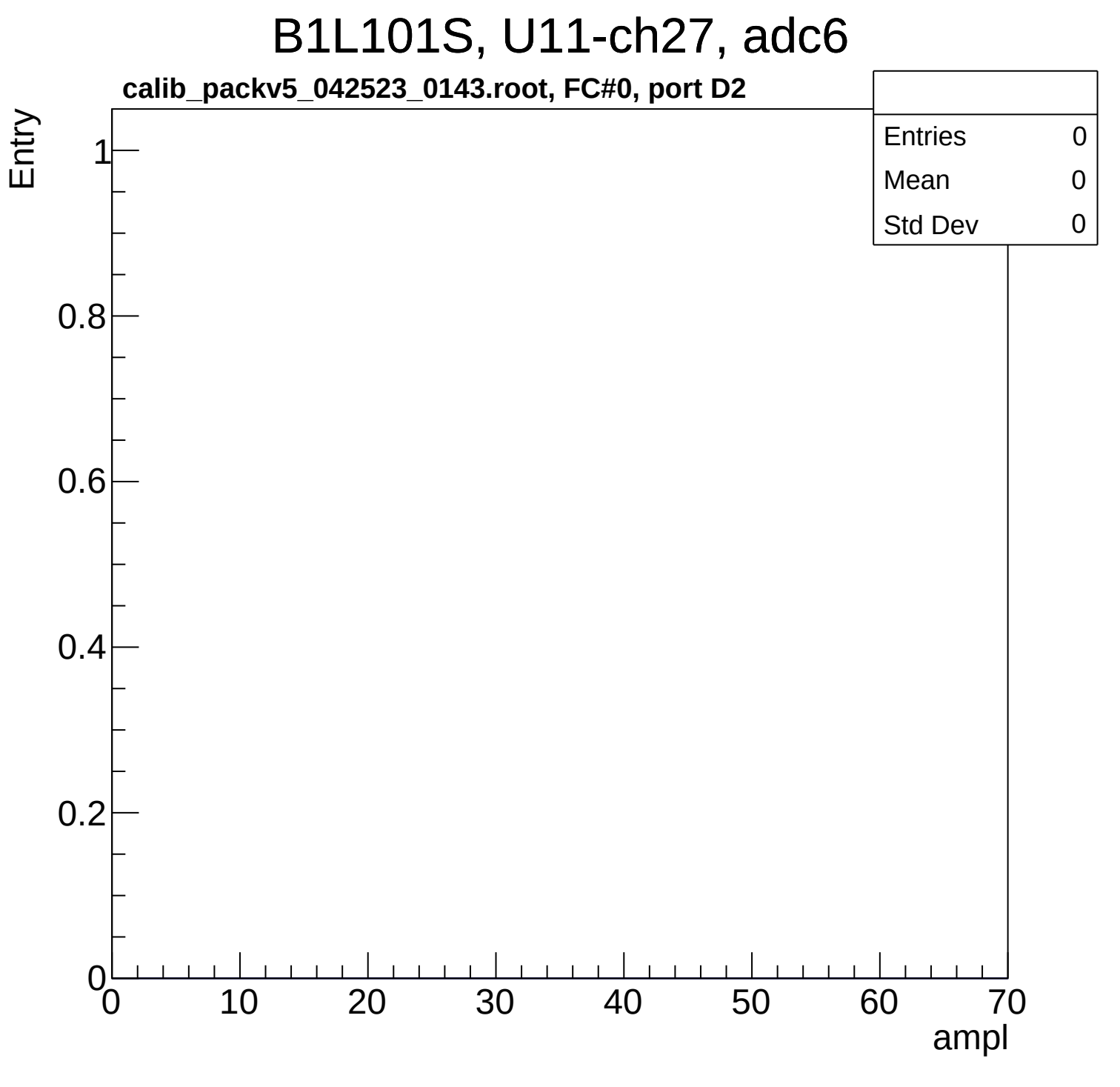
B1L101S, U11-ch27, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
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0
0
10
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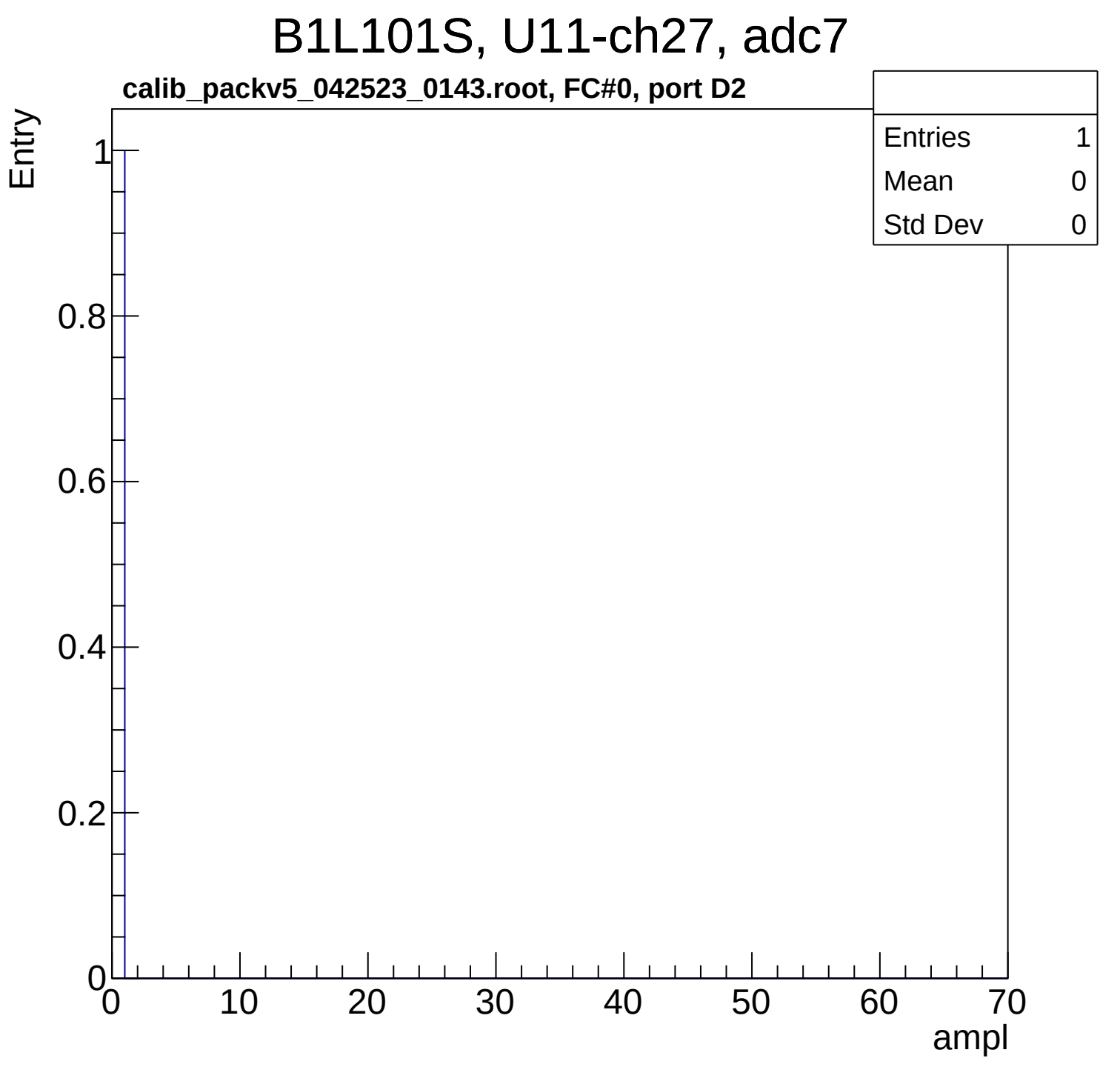
50
60
70
ampl


B1L101S, U11-ch27, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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0.8
0.6
0.4
0.2
0
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10
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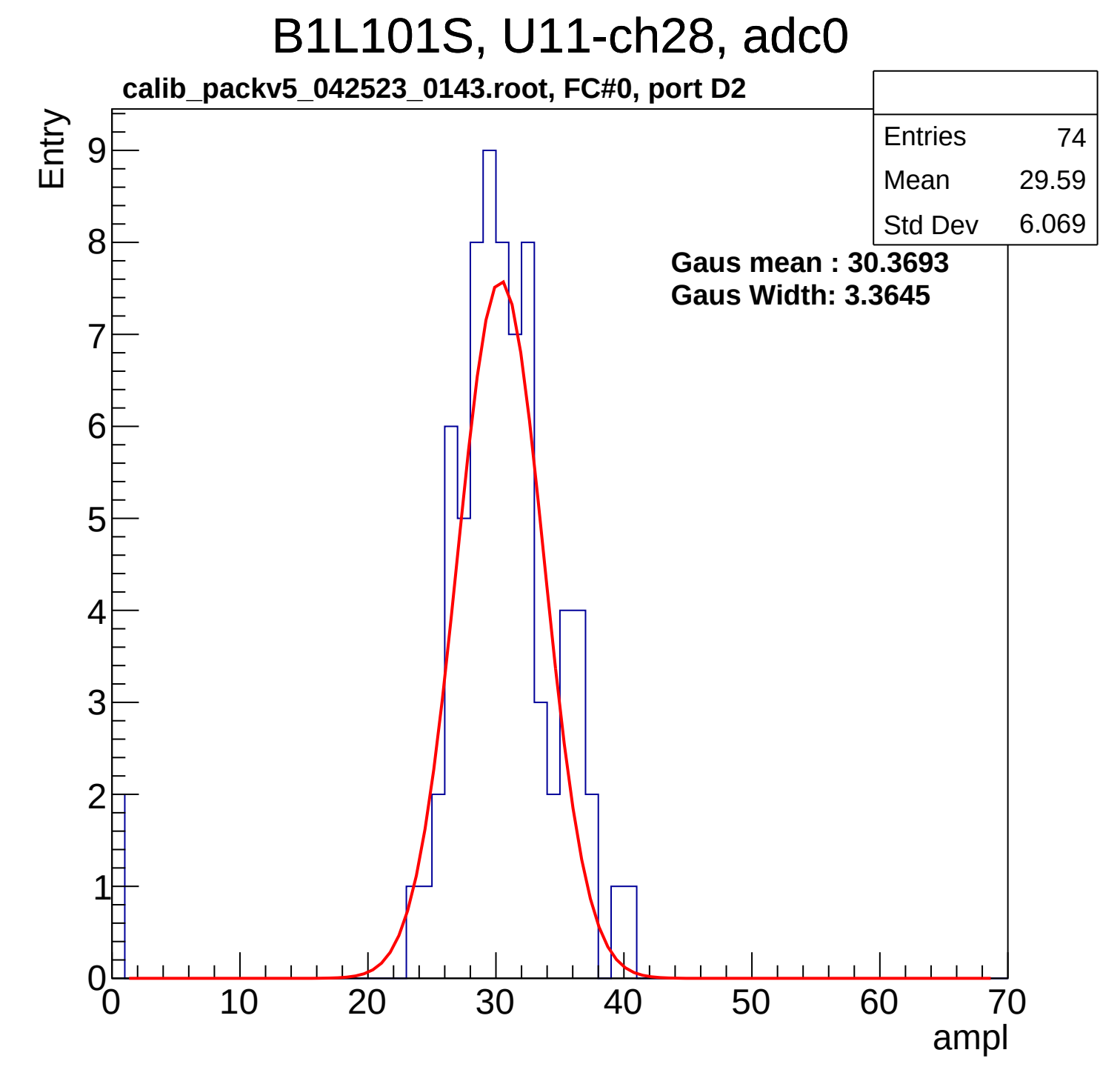
50
60
70
ampl


B1L101S, U11-ch28, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 74
Mean 29.59
Std Dev 6.069
Gaus mean : 30.3693
Gaus Width: 3.3645
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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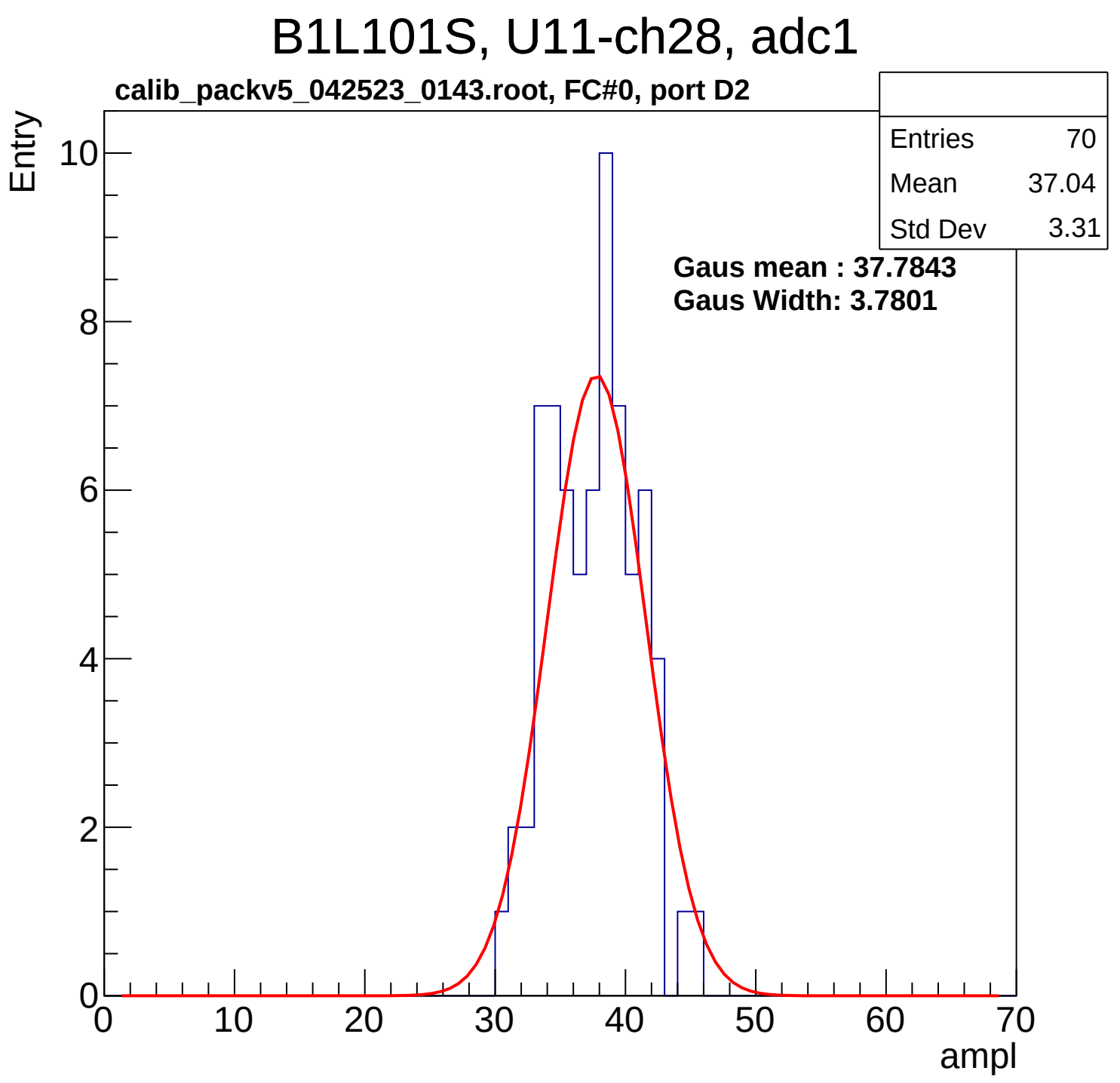
B1L101S, U11-ch28, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 37.04
Std Dev 3.31
Gaus mean : 37.7843
Gaus Width: 3.7801
Entry
ampl
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2
4
6
8
10
0
10
20
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40
50
60
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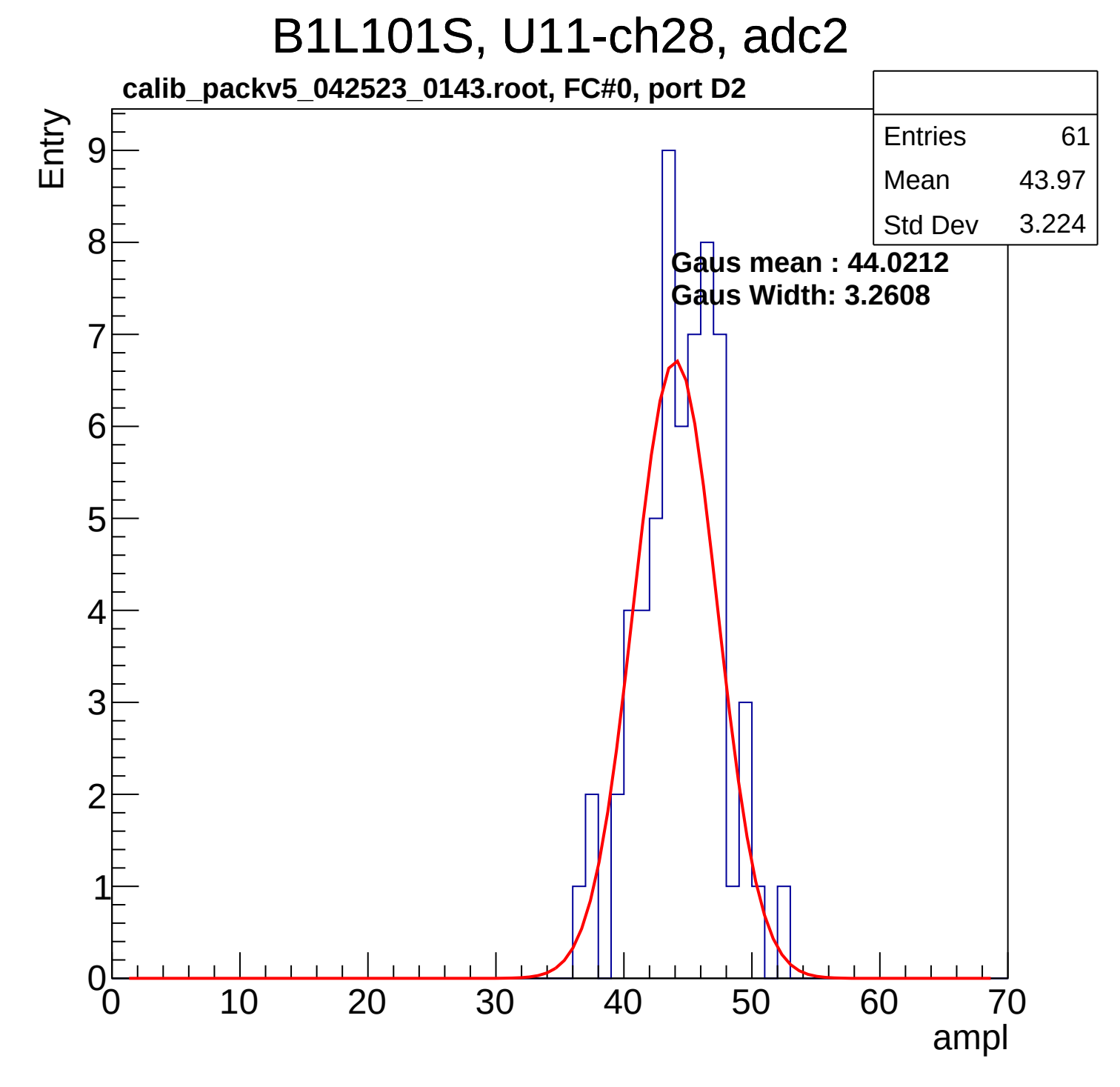
B1L101S, U11-ch28, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 43.97
Std Dev 3.224
Gaus mean : 44.0212
Gaus Width: 3.2608
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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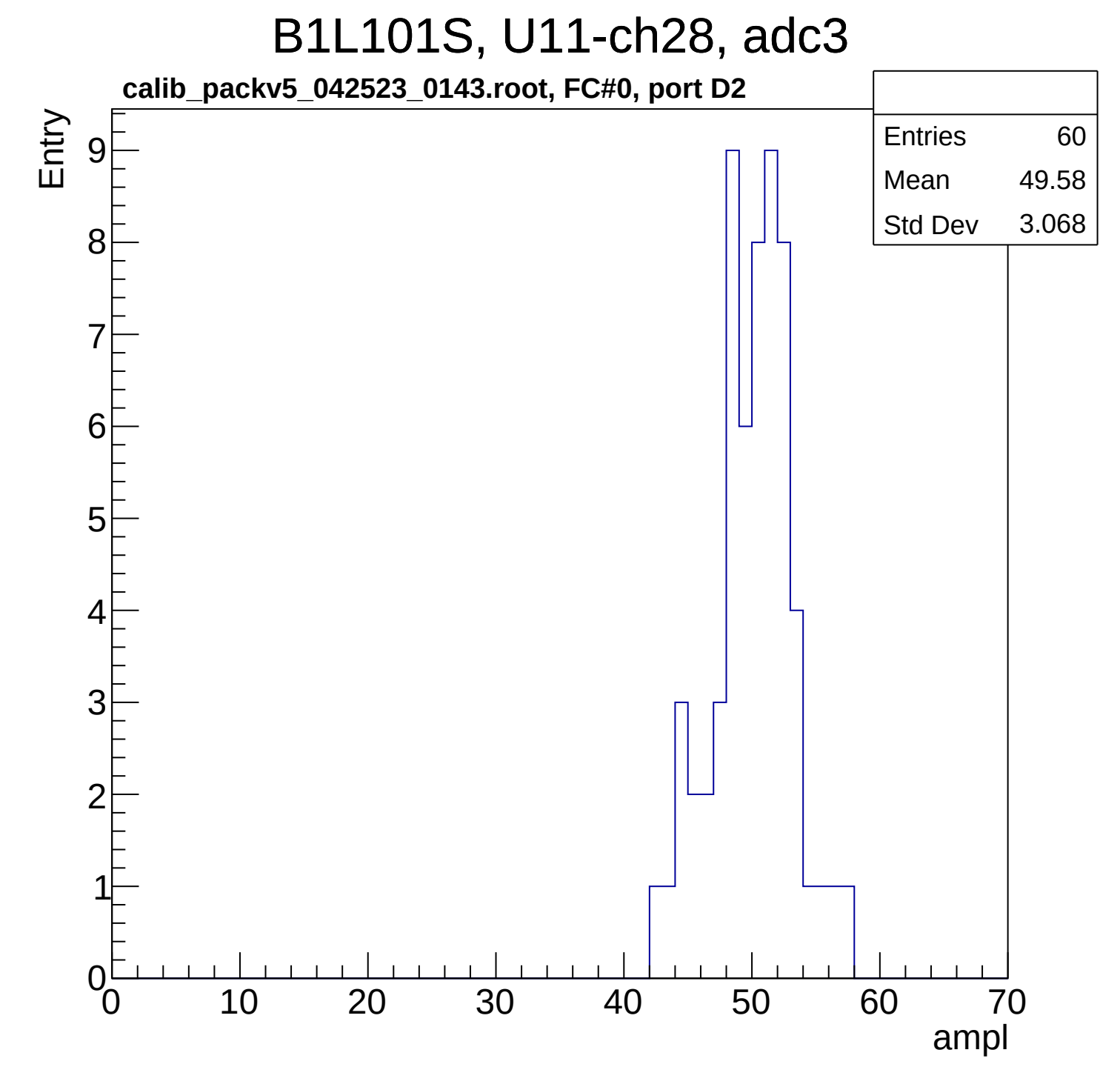
B1L101S, U11-ch28, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 49.58
Std Dev 3.068
Entry
ampl
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2
3
4
5
6
7
8
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0
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40
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60
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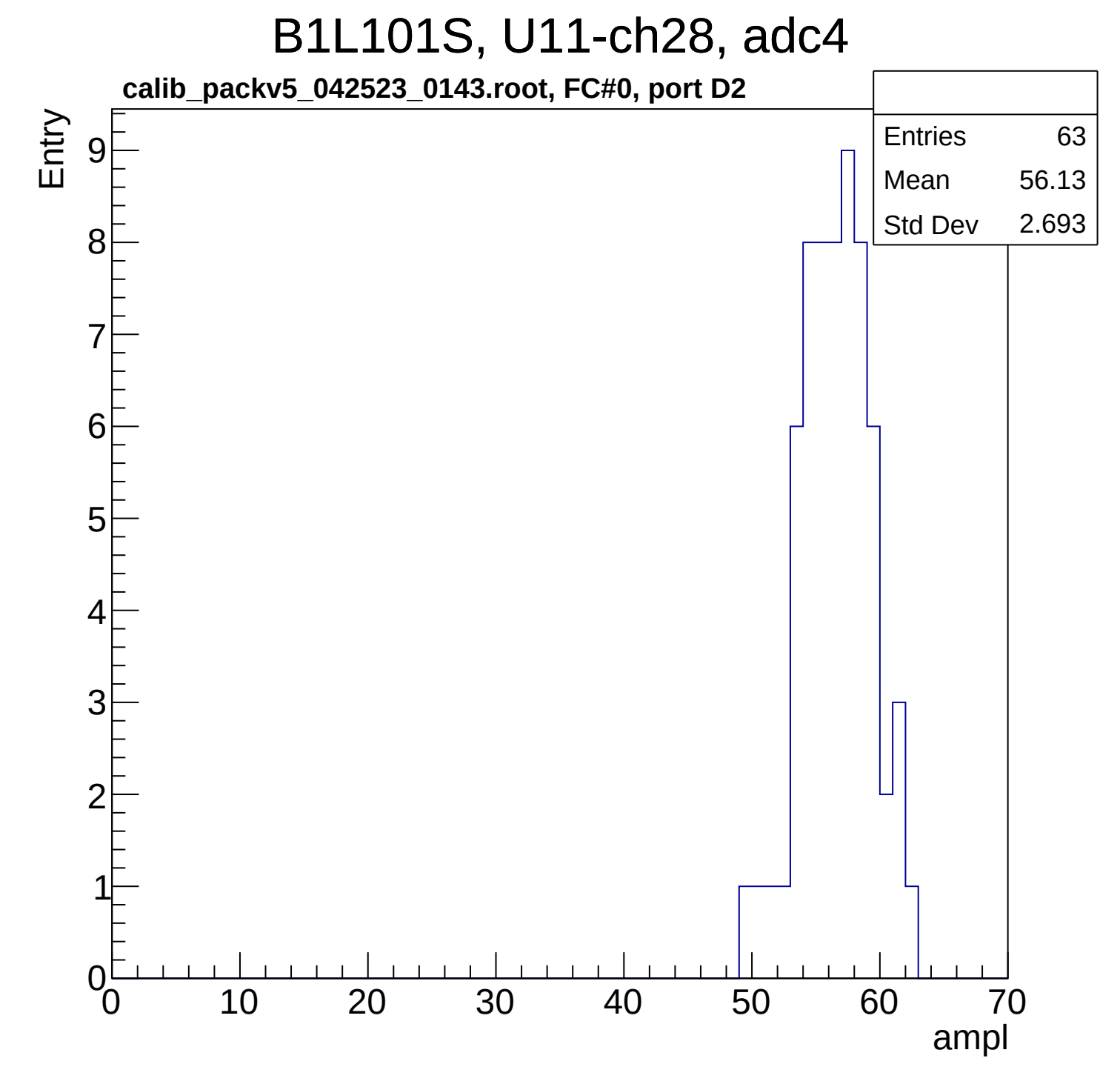
B1L101S, U11-ch28, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 56.13
Std Dev 2.693
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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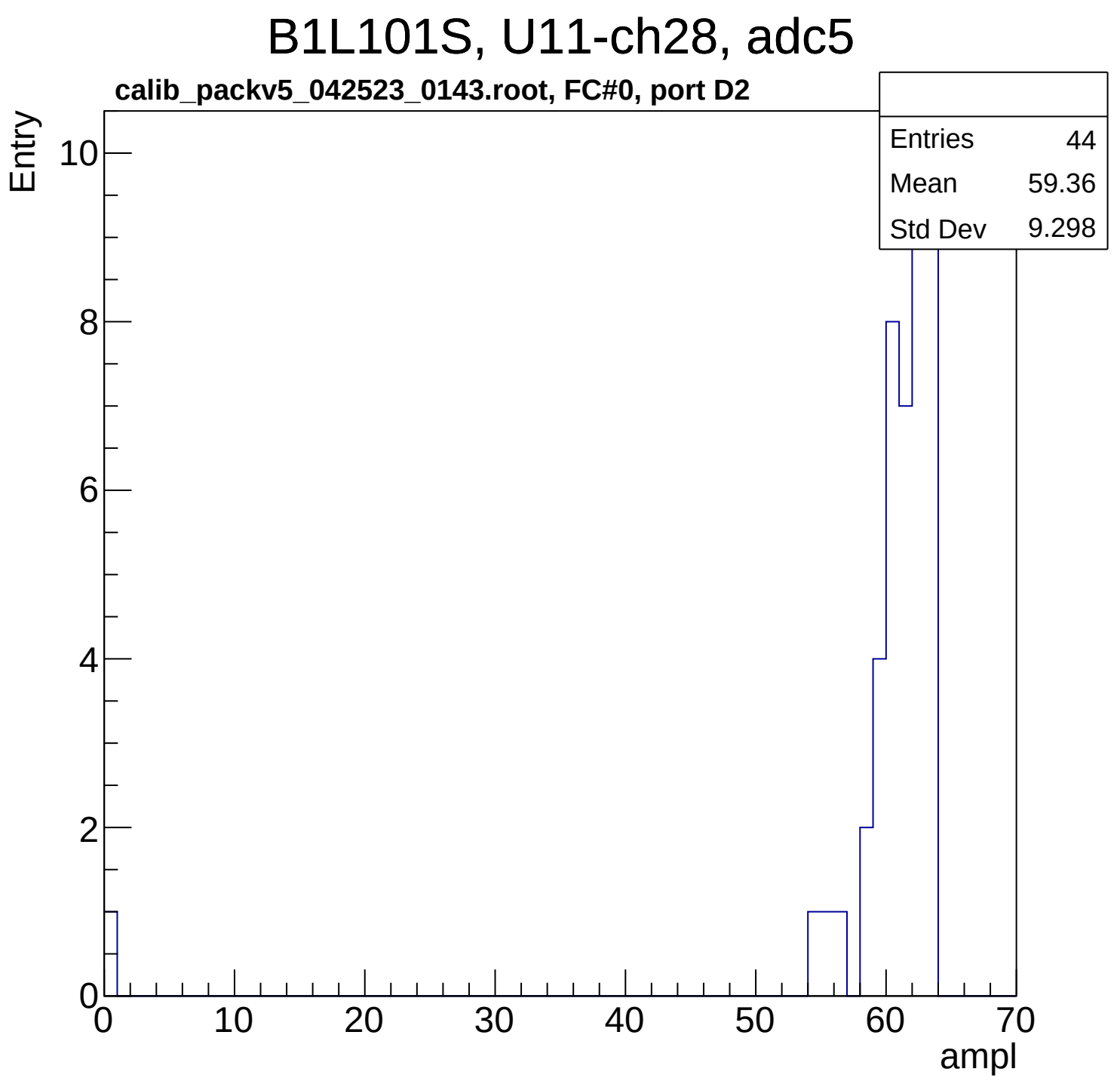
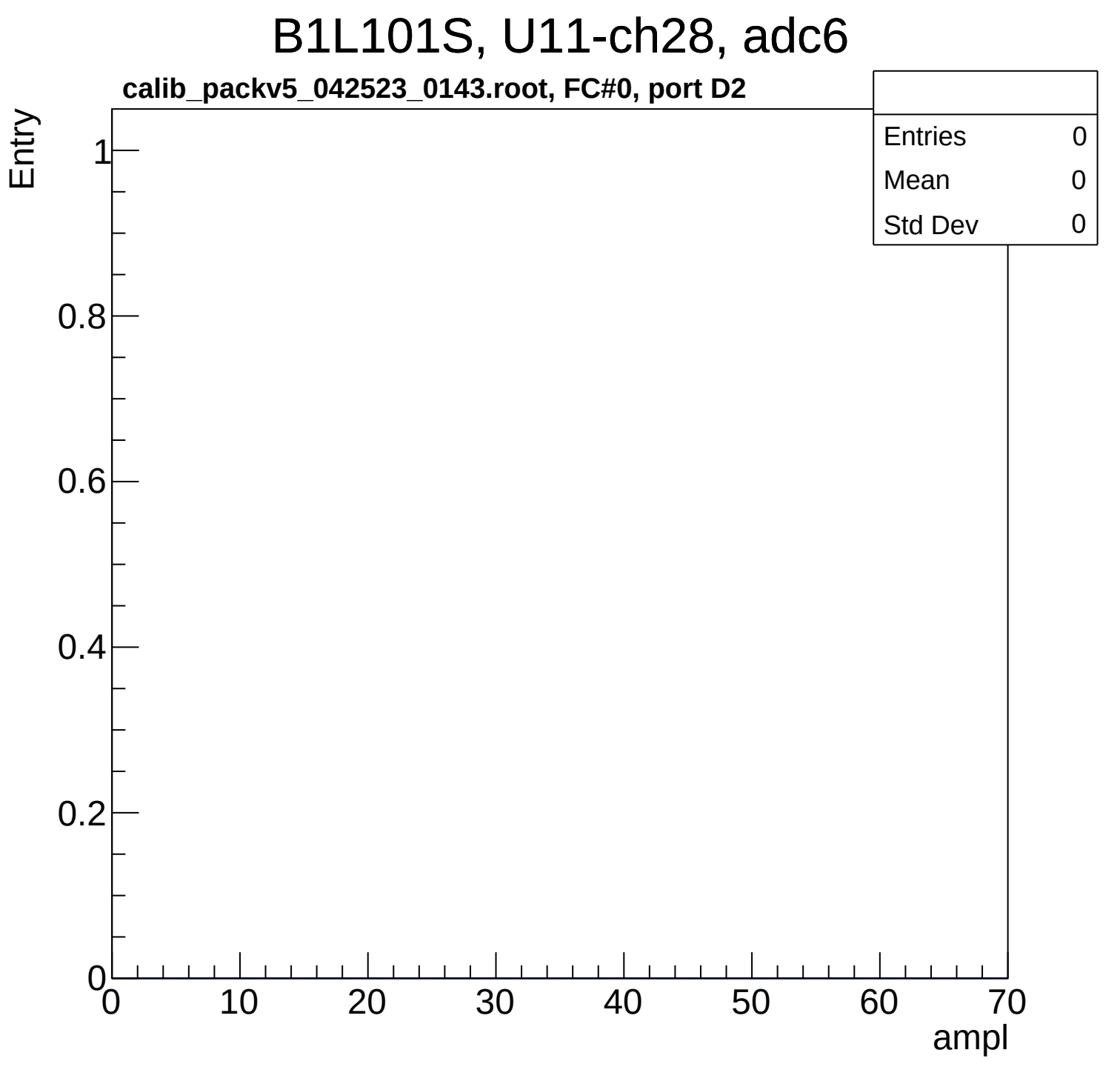

B1L101S, U11-ch28, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 44
Mean 59.36
Std Dev 9.298
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch28, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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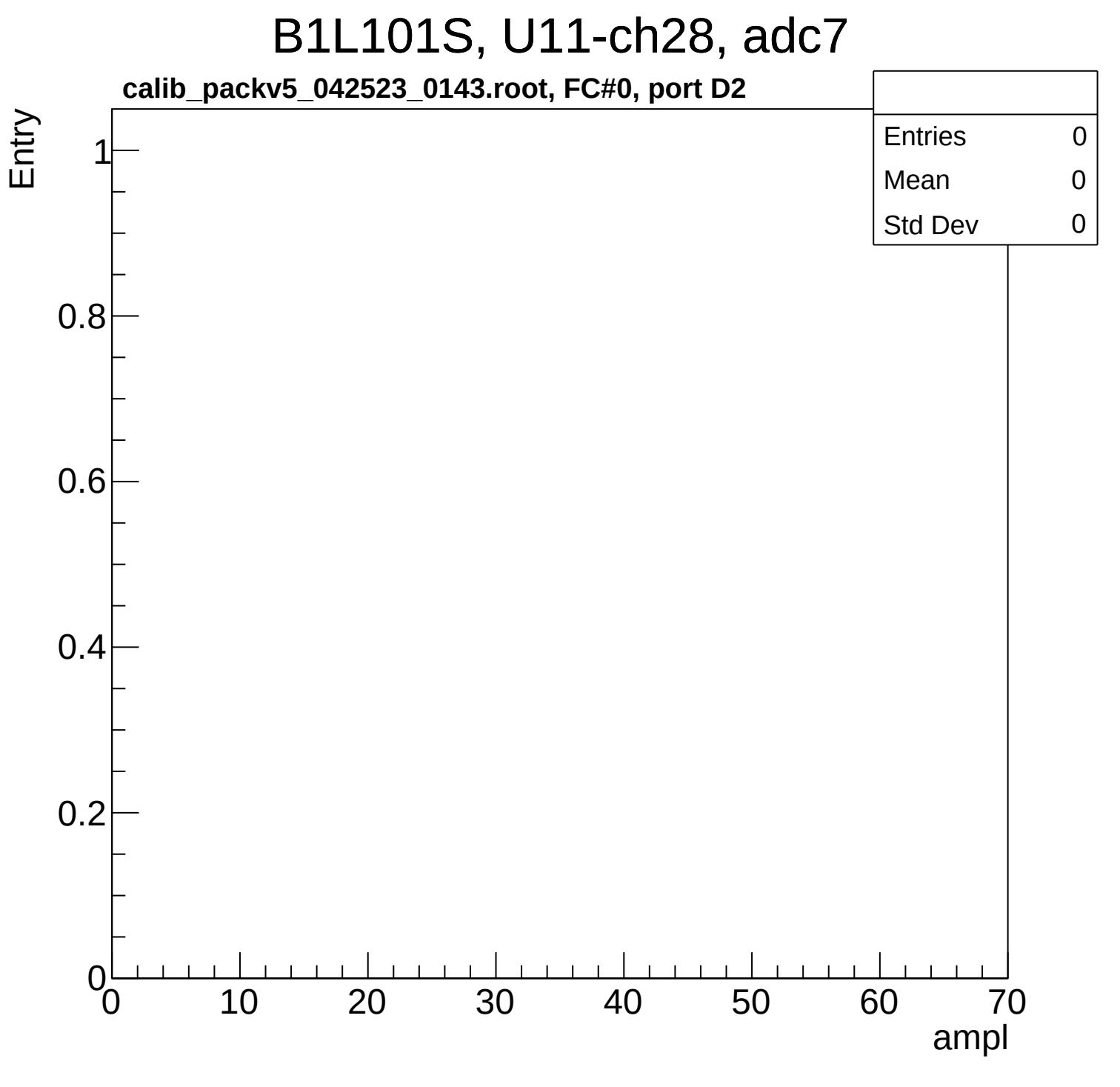
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch28, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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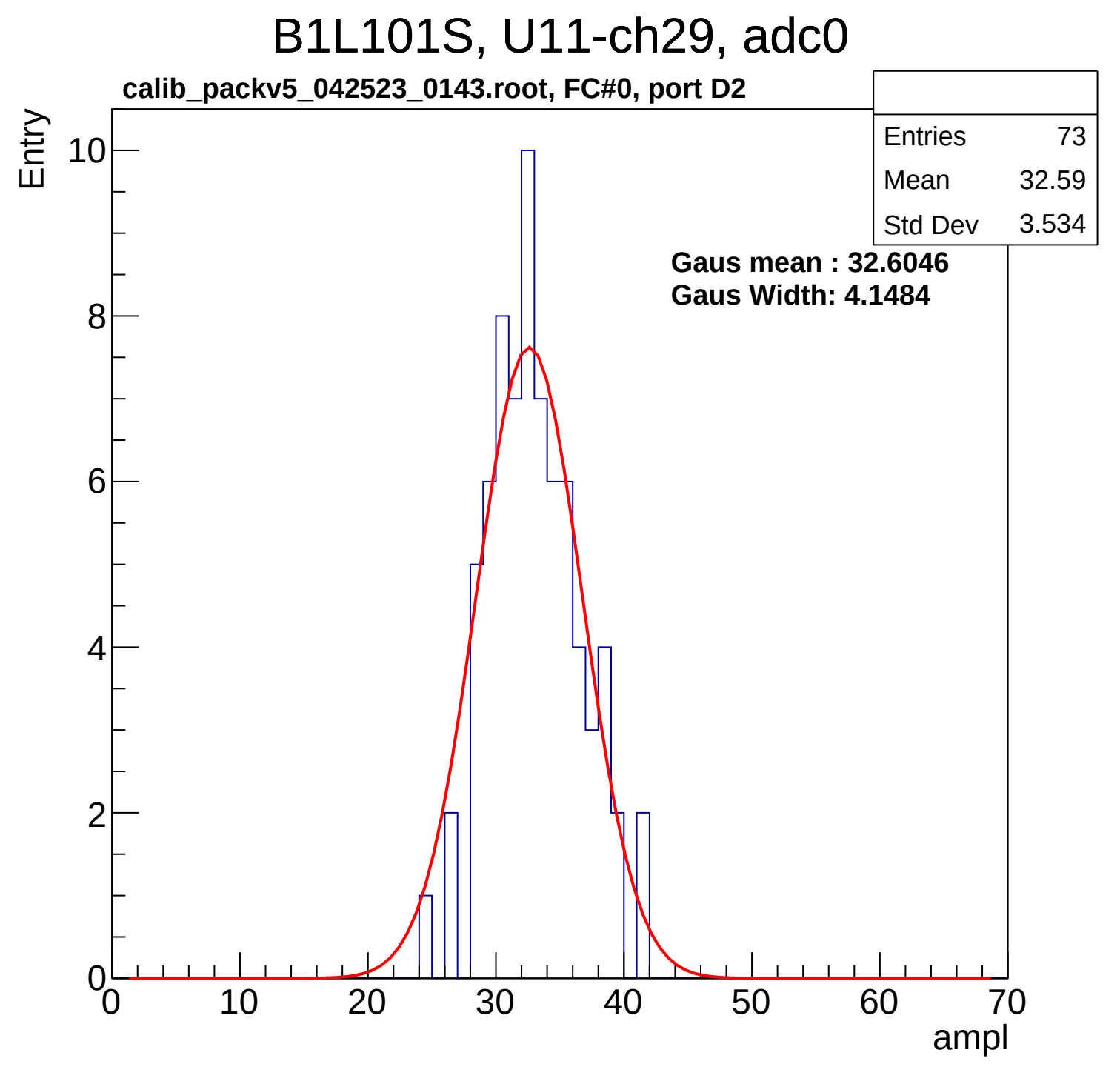
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch29, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 32.59
Std Dev 3.534
Gaus mean : 32.6046
Gaus Width: 4.1484
Entry
ampl
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2
4
6
8
10
0
10
20
30
40
50
60
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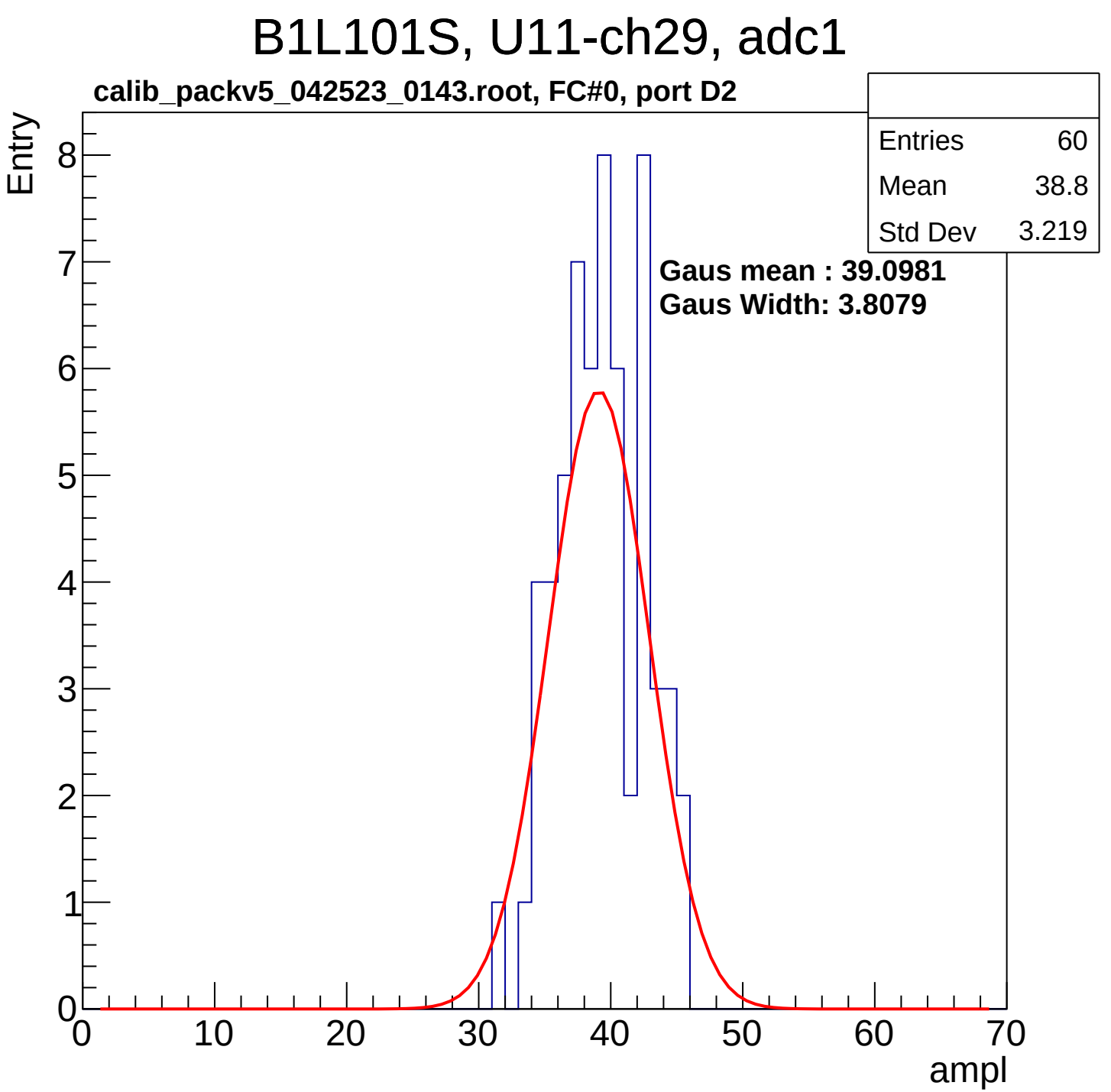
B1L101S, U11-ch29, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 38.8
Std Dev 3.219
Gaus mean : 39.0981
Gaus Width: 3.8079
Entry
ampl
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2
3
4
5
6
7
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0
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20
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40
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60
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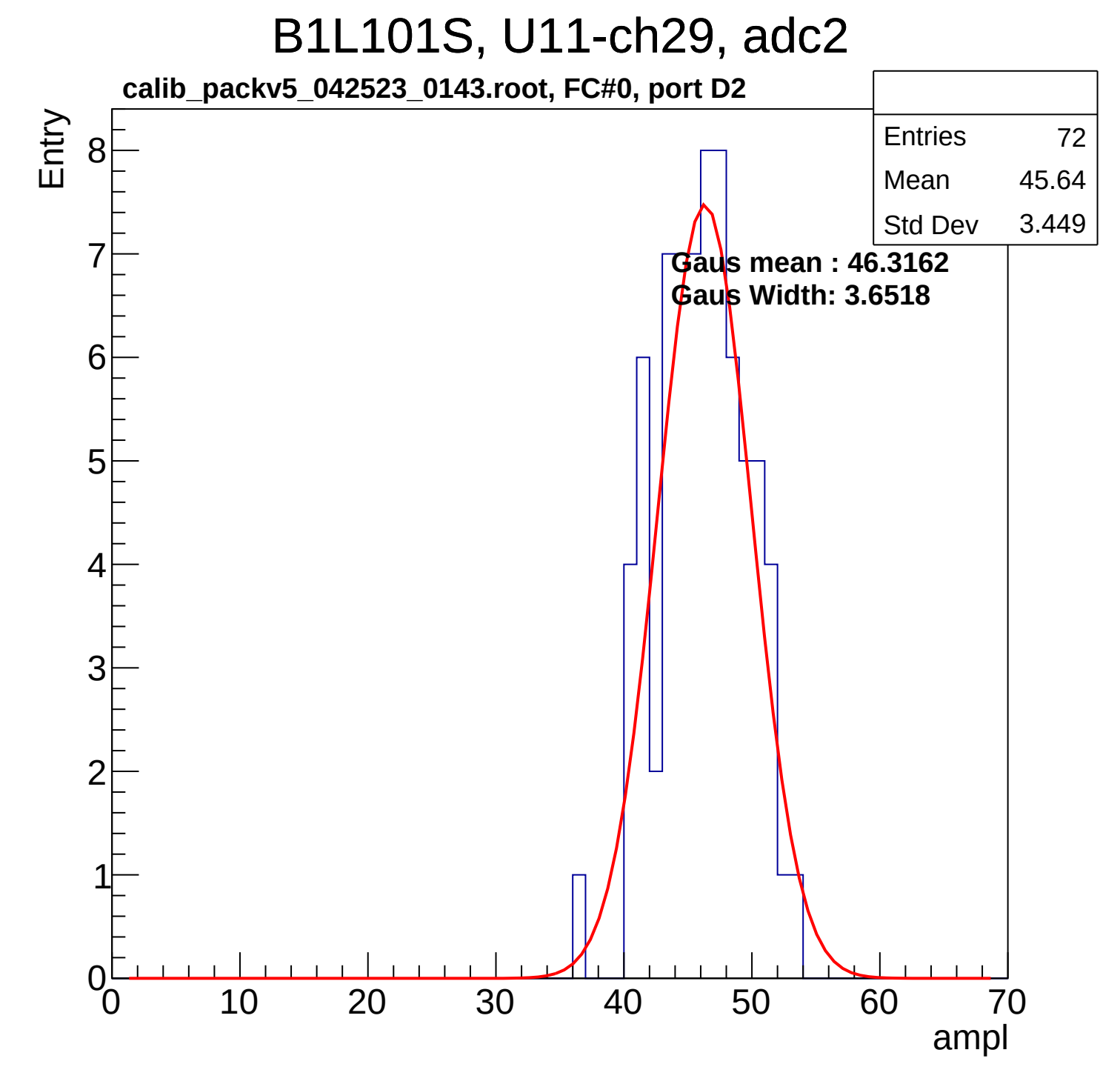
B1L101S, U11-ch29, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 45.64
Std Dev 3.449
Gaus mean : 46.3162
Gaus Width: 3.6518
Entry
ampl
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3
4
5
6
7
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0
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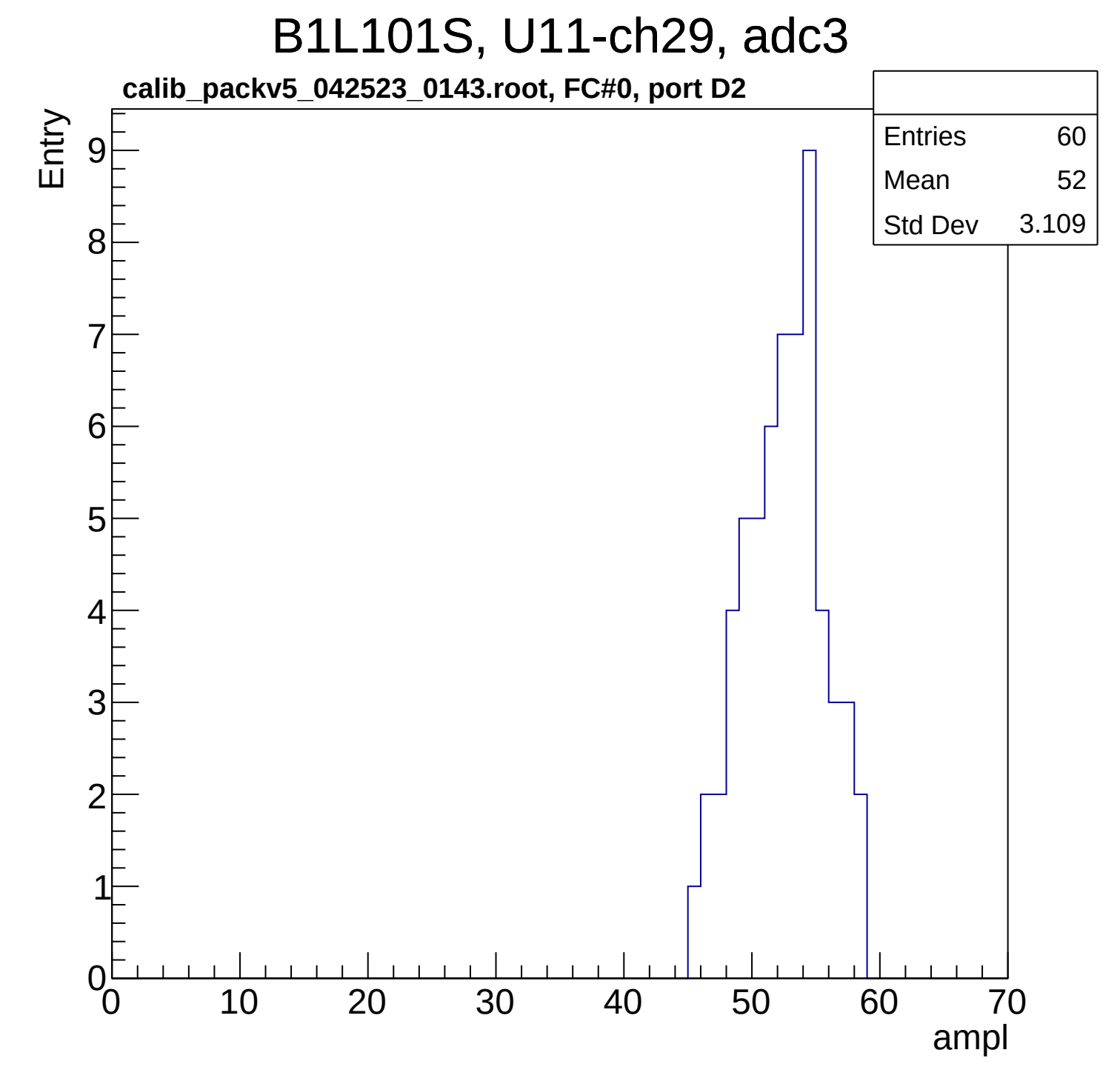
B1L101S, U11-ch29, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 52
Std Dev 3.109
Entry
ampl
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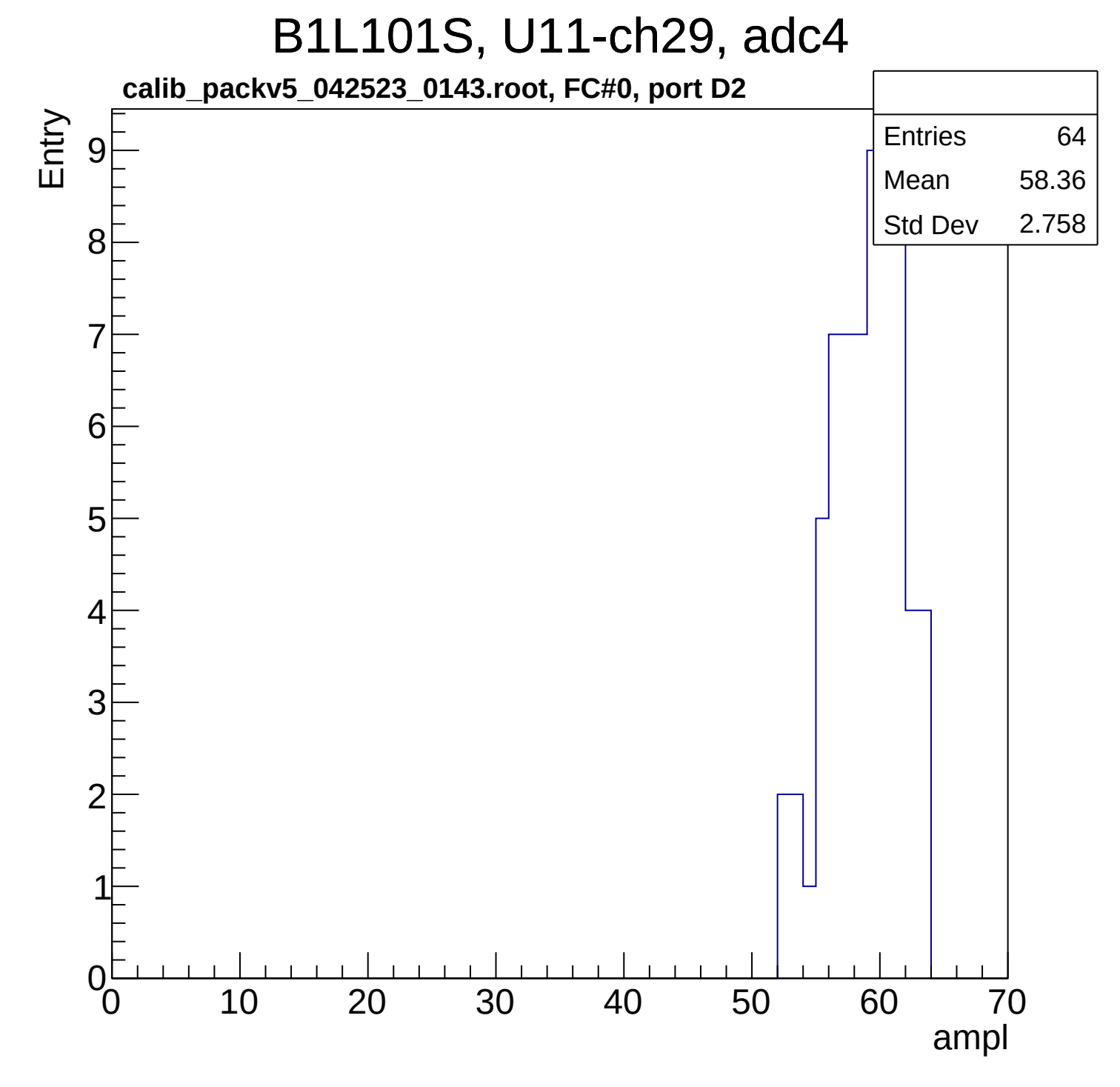
B1L101S, U11-ch29, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 58.36
Std Dev 2.758
Entry
ampl
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6
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0
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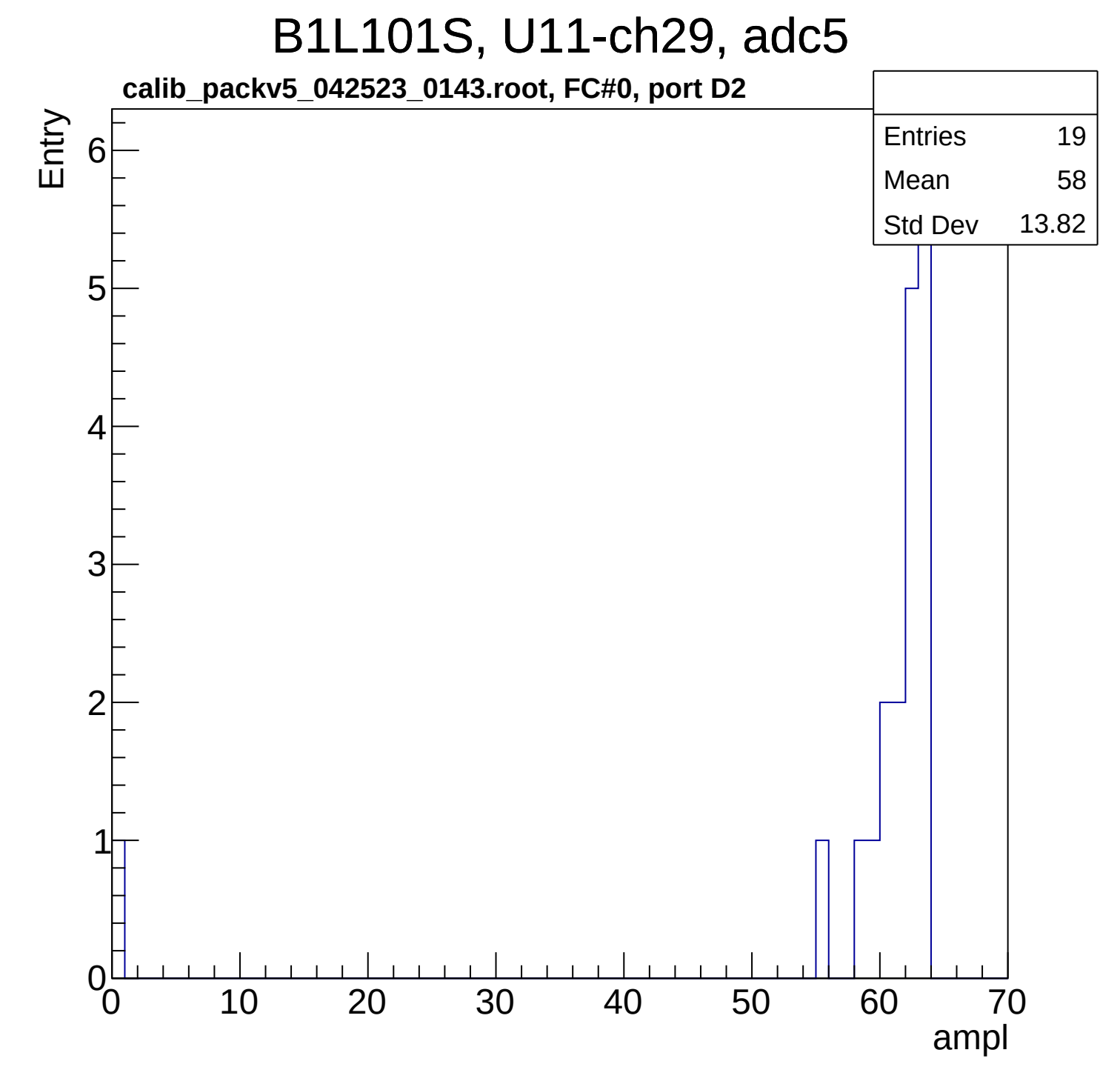
B1L101S, U11-ch29, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 19
Mean 58
Std Dev 13.82
Entry
ampl
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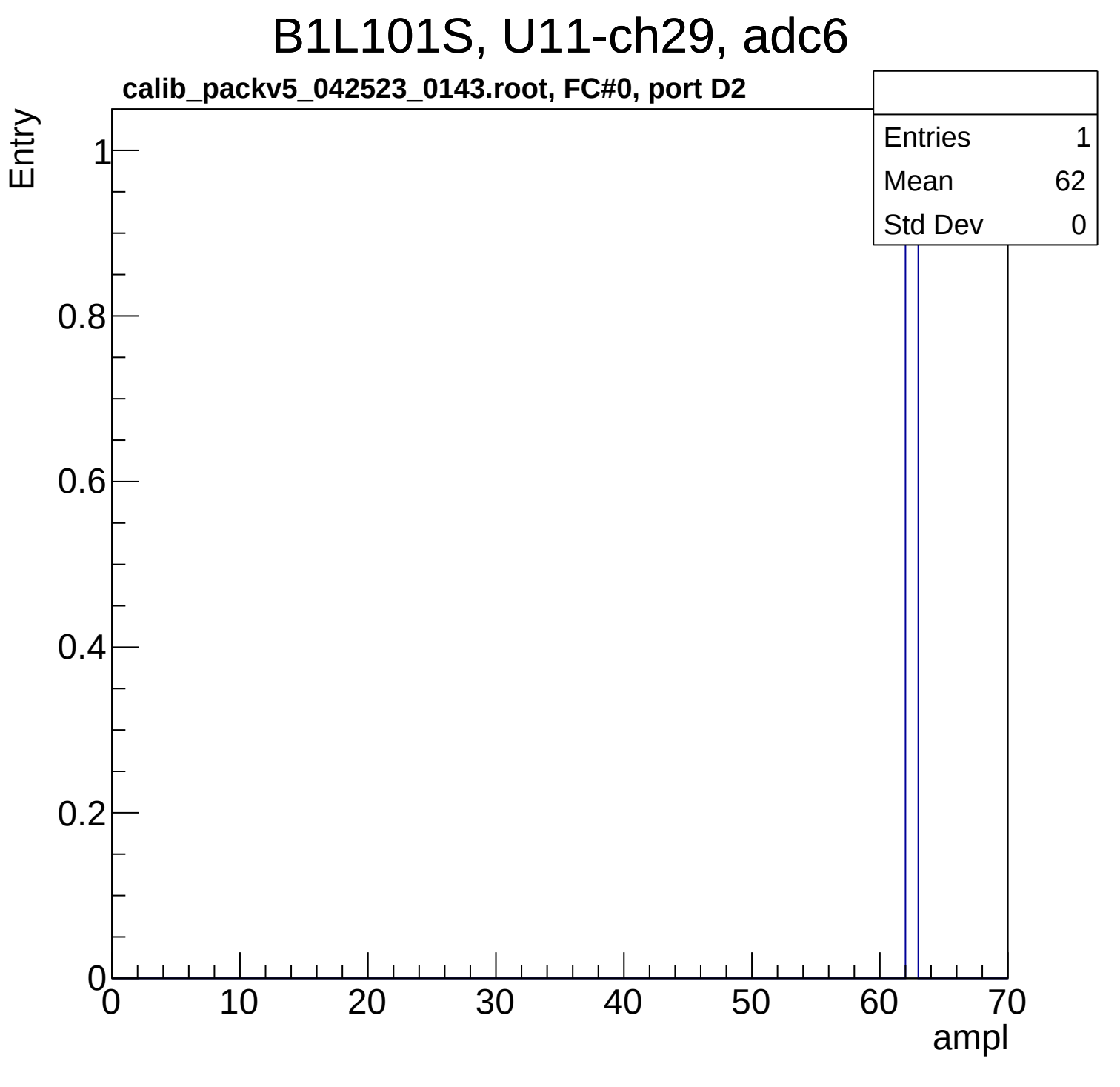
B1L101S, U11-ch29, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 62
Std Dev 0
Entry
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0.6
0.4
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10
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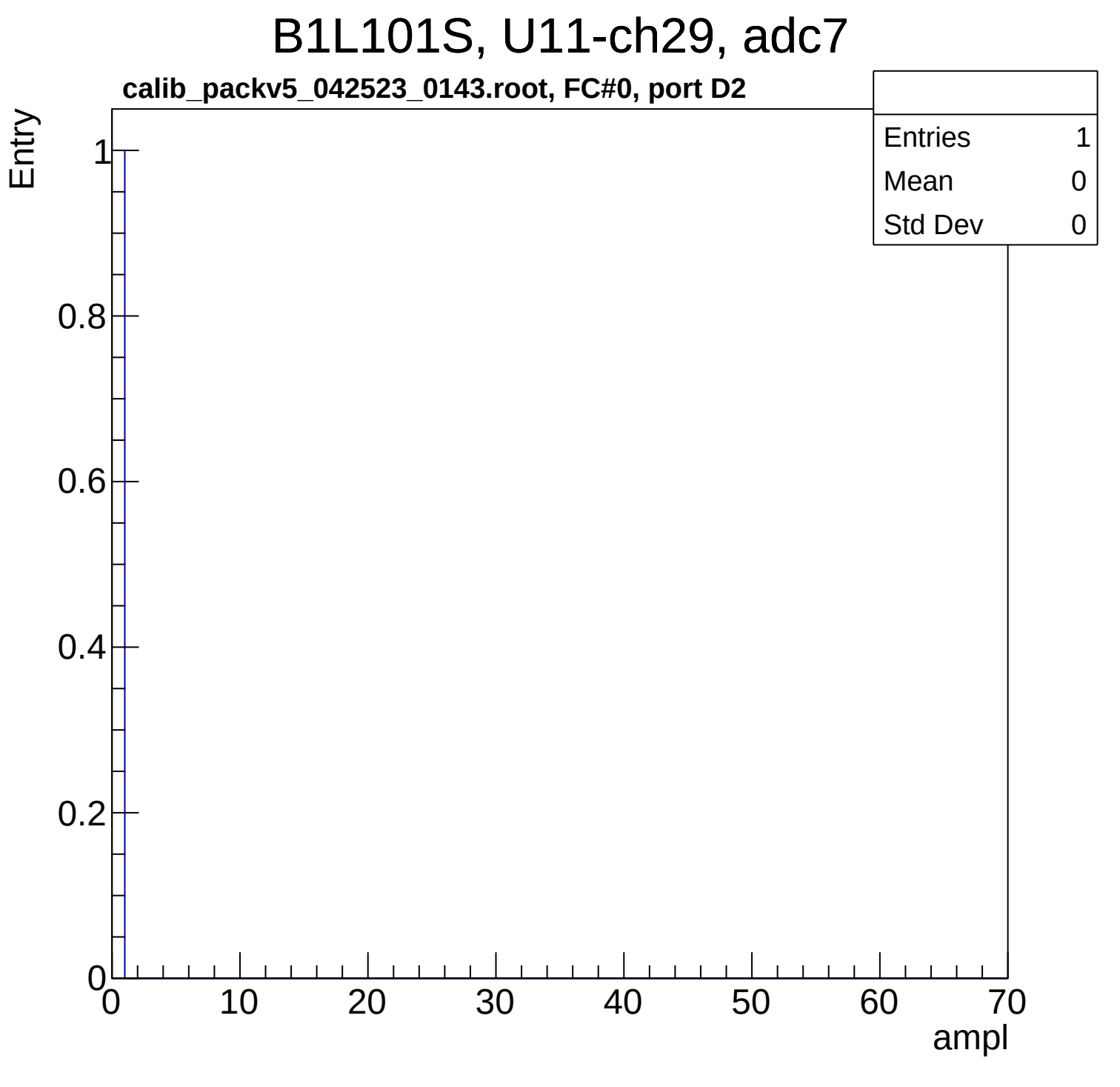
40
50
60
70
ampl


B1L101S, U11-ch29, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
0.4
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10
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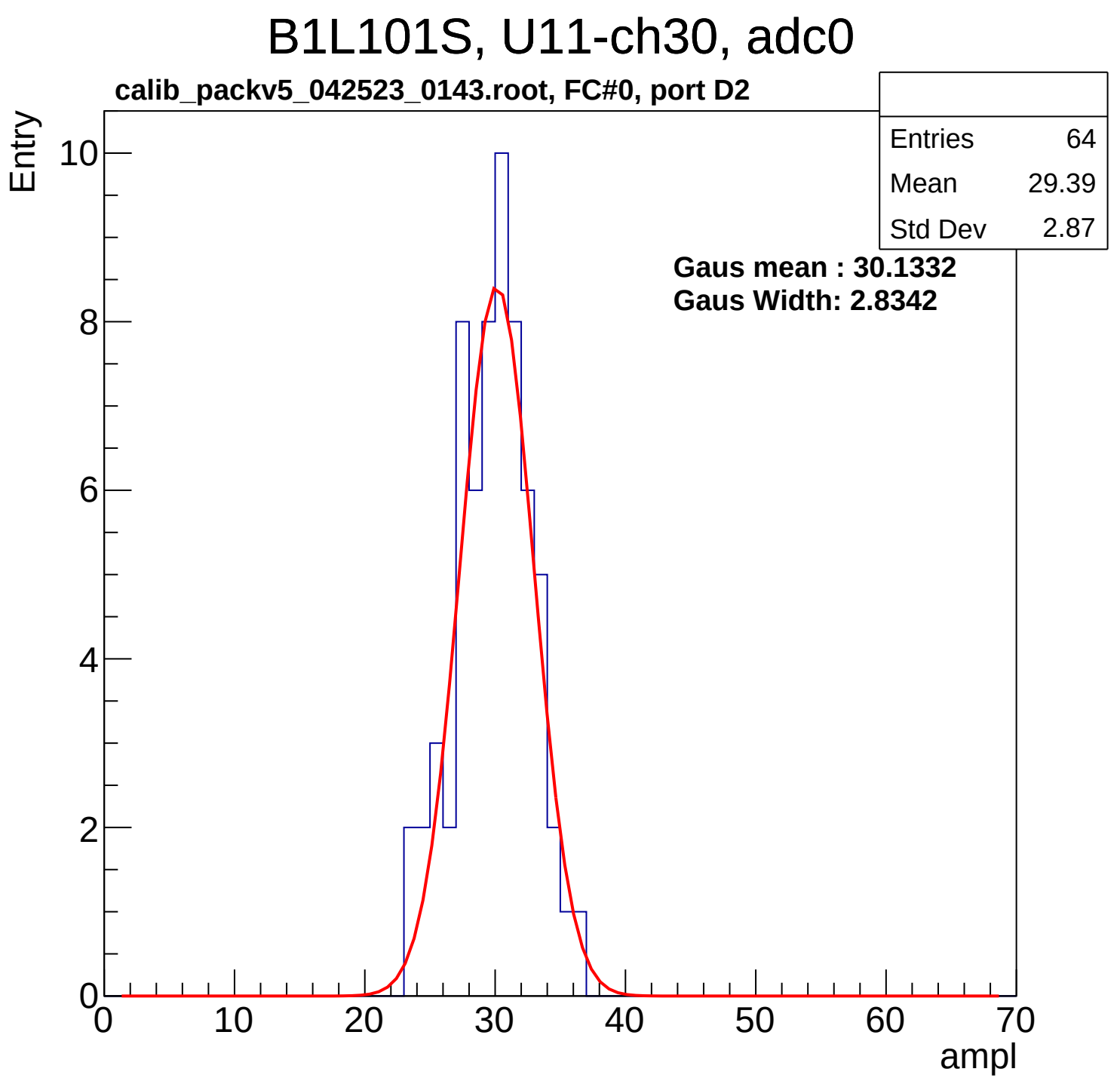
40
50
60
70
ampl


B1L101S, U11-ch30, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 29.39
Std Dev 2.87
Gaus mean : 30.1332
Gaus Width: 2.8342
Entry
ampl
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4
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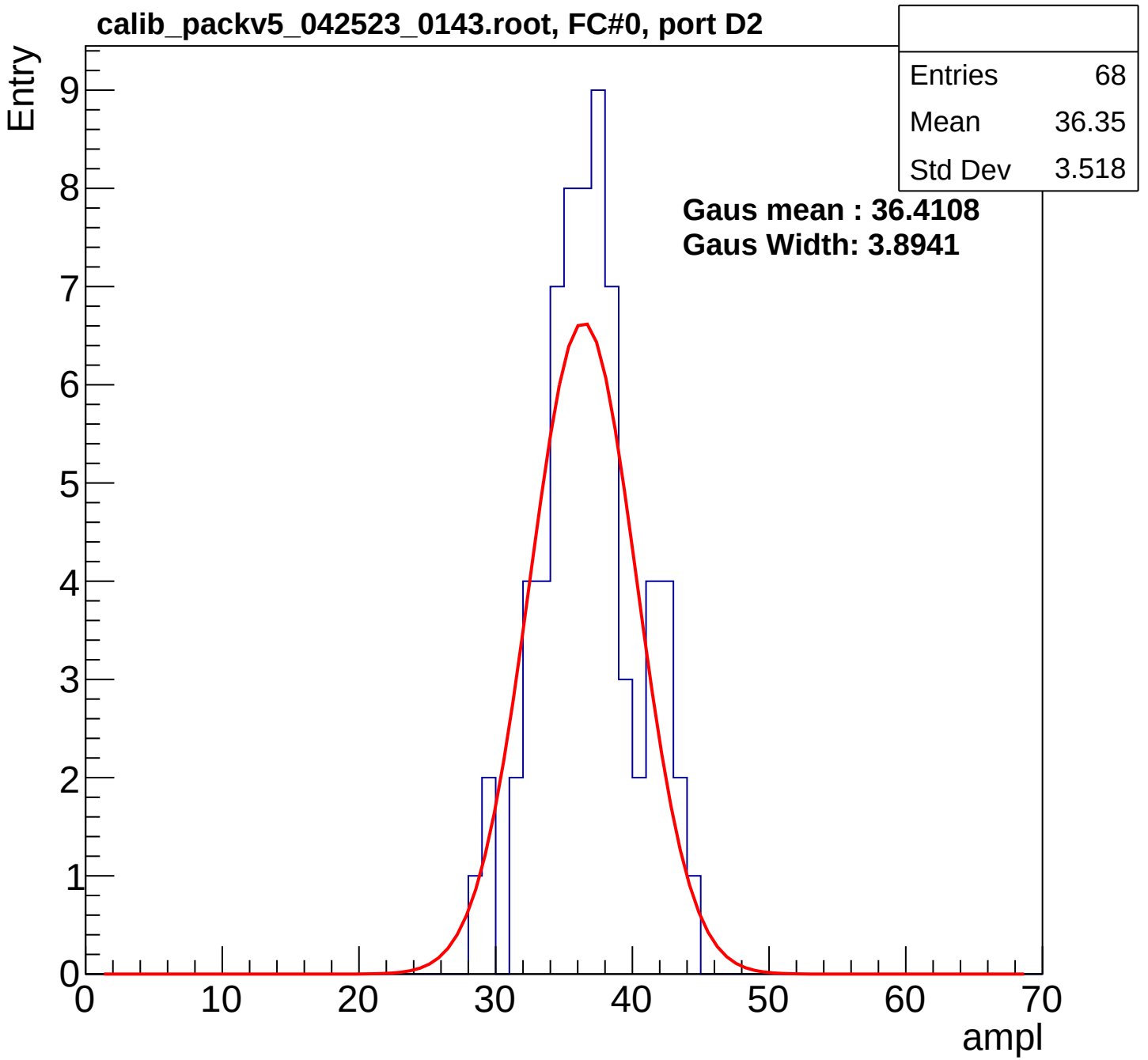
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch30, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 36.35
Std Dev 3.518
Gaus mean : 36.4108
Gaus Width: 3.8941
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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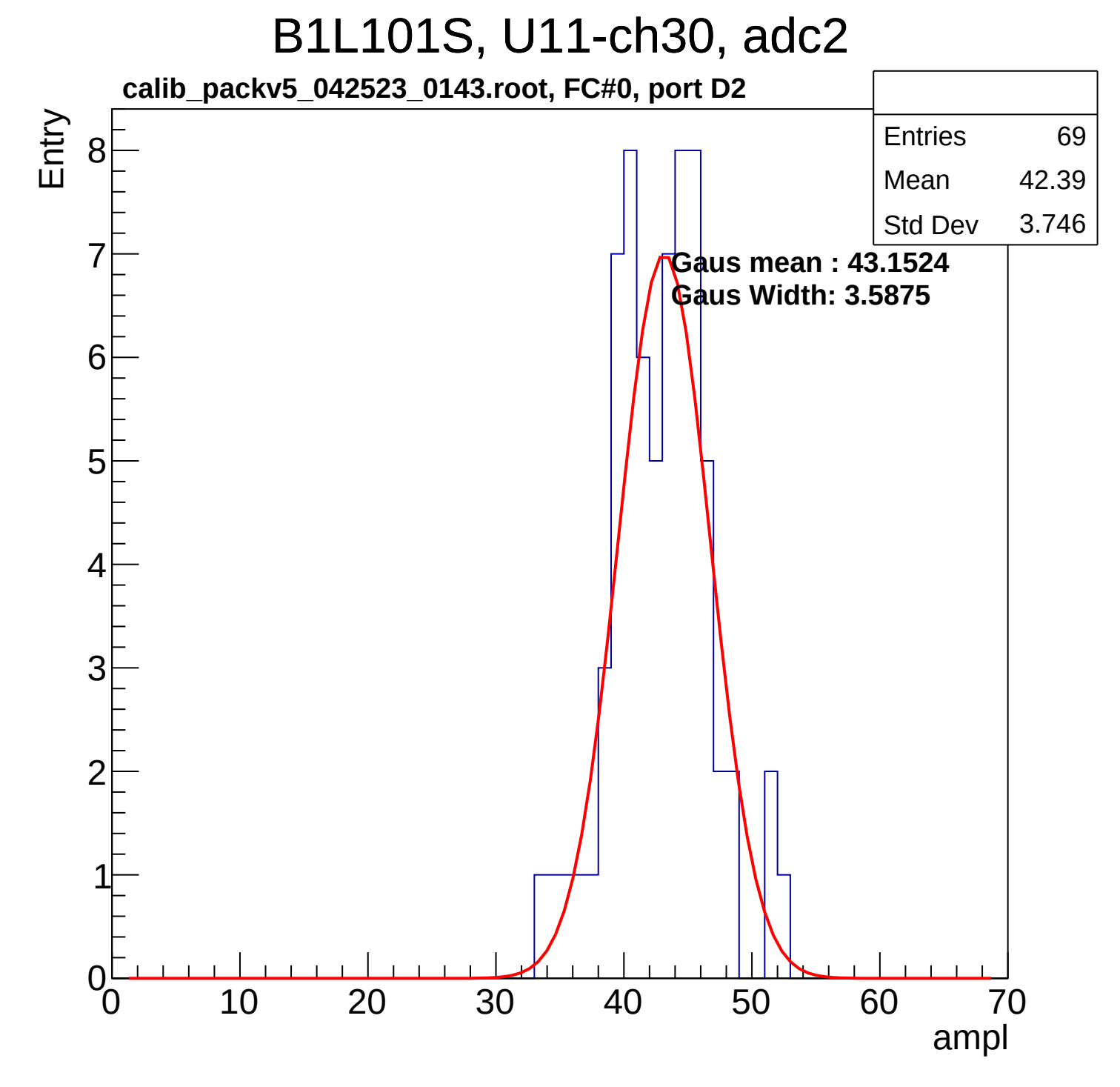
B1L101S, U11-ch30, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 42.39
Std Dev 3.746
Gaus mean : 43.1524
Gaus Width: 3.5875
Entry
ampl
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1
2
3
4
5
6
7
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0
10
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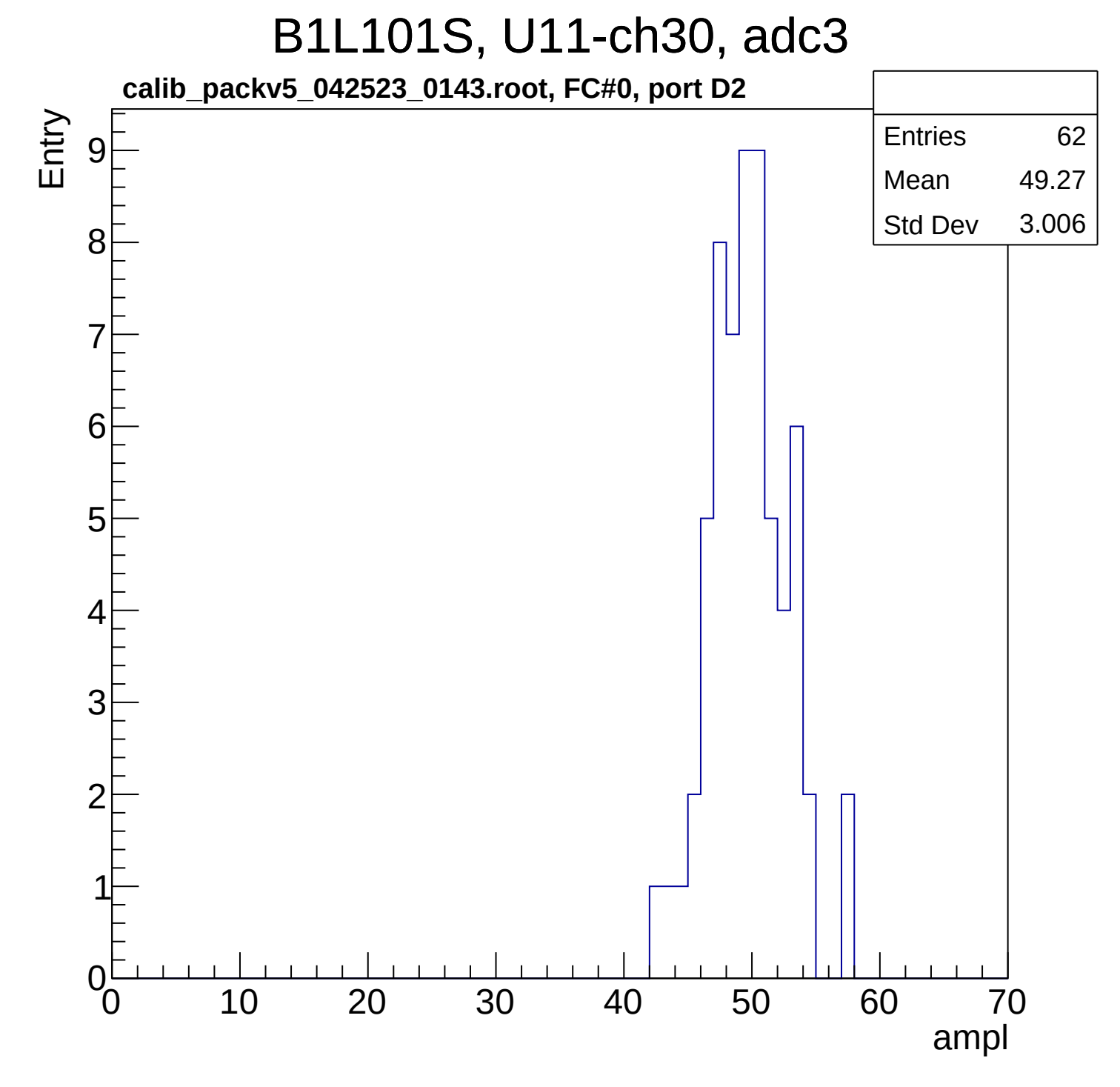
B1L101S, U11-ch30, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 49.27
Std Dev 3.006
Entry
ampl
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3
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5
6
7
8
9
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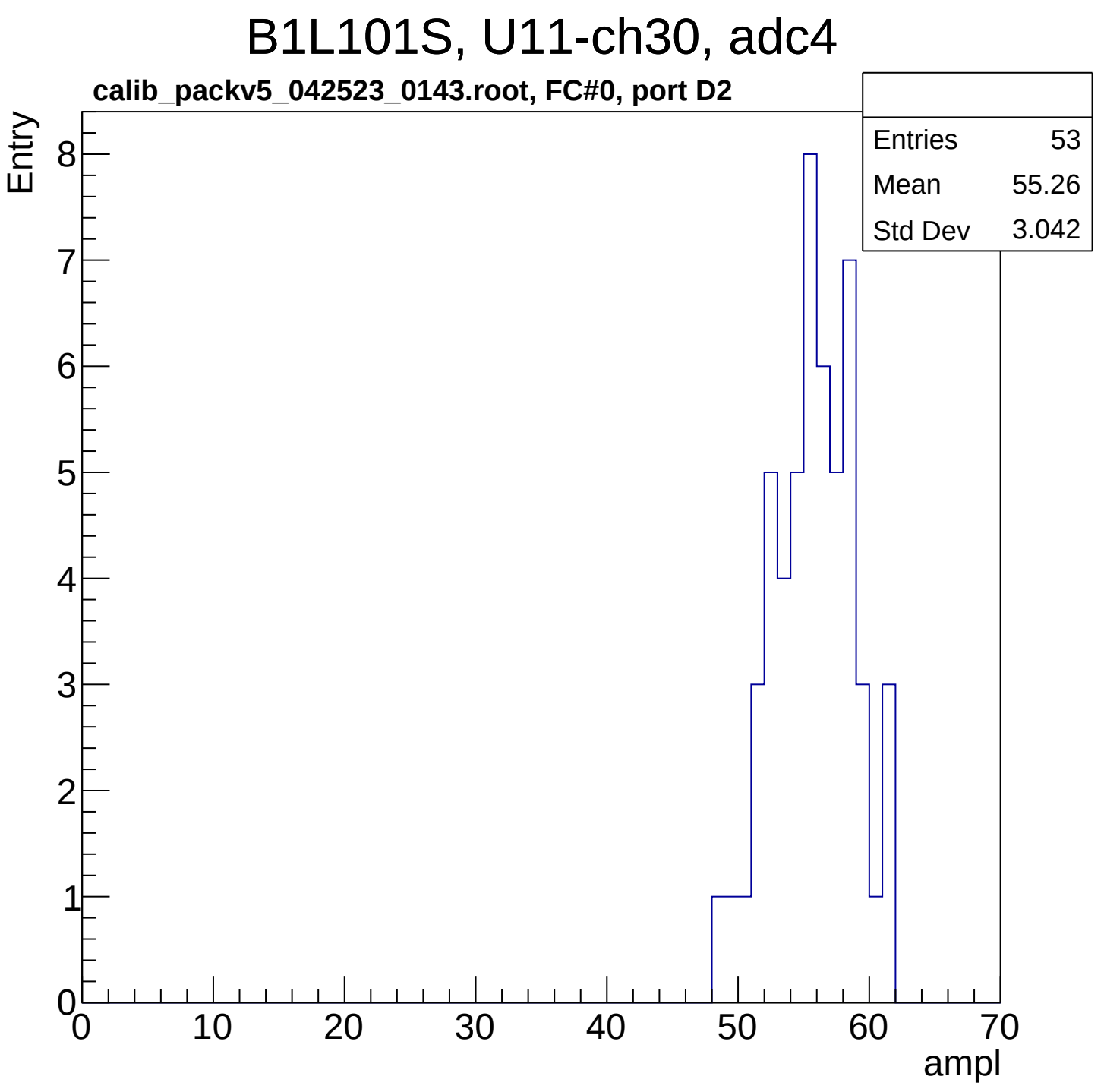
B1L101S, U11-ch30, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 55.26
Std Dev 3.042
Entry
ampl
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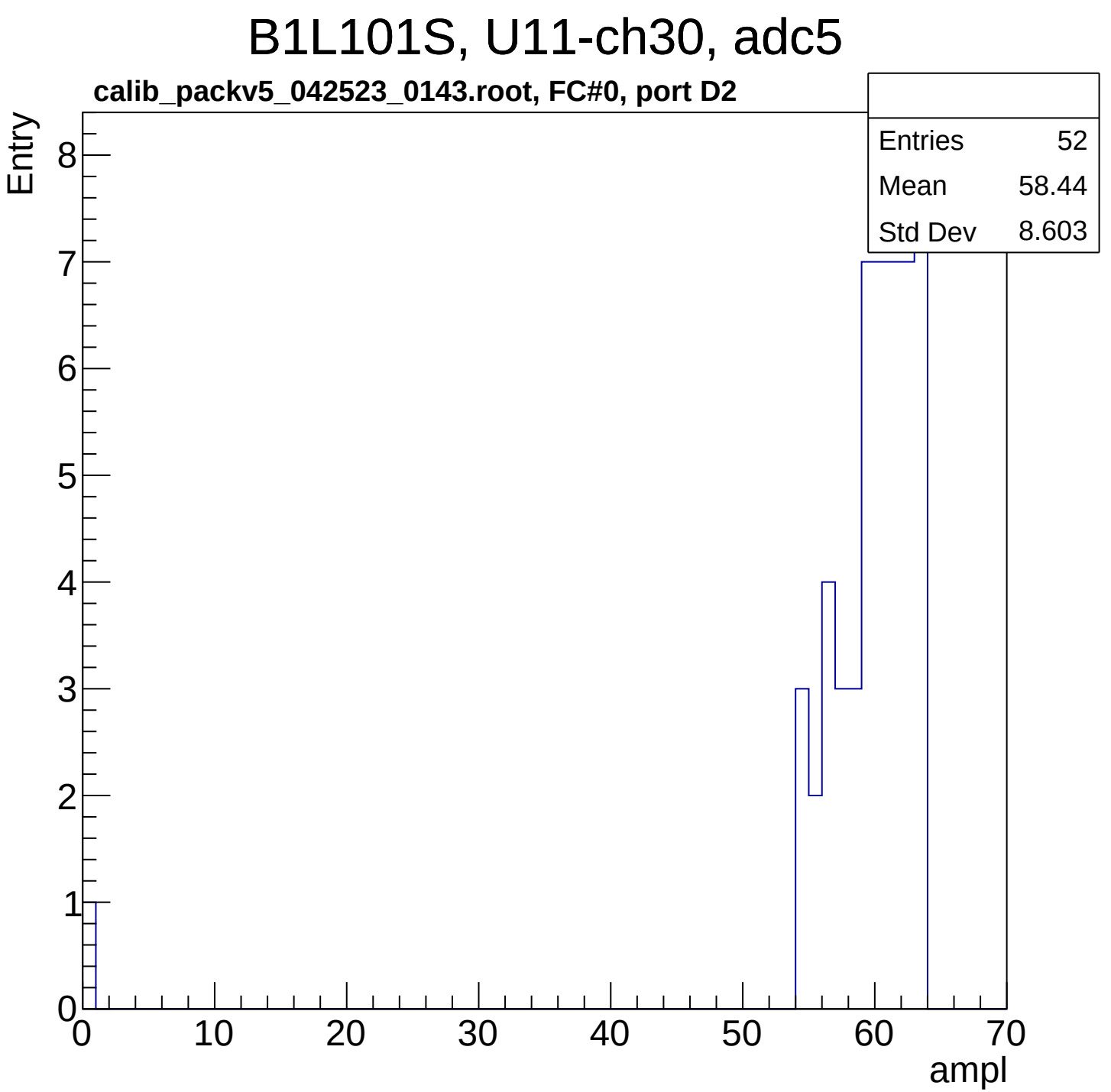
B1L101S, U11-ch30, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 58.44
Std Dev 8.603
Entry
ampl
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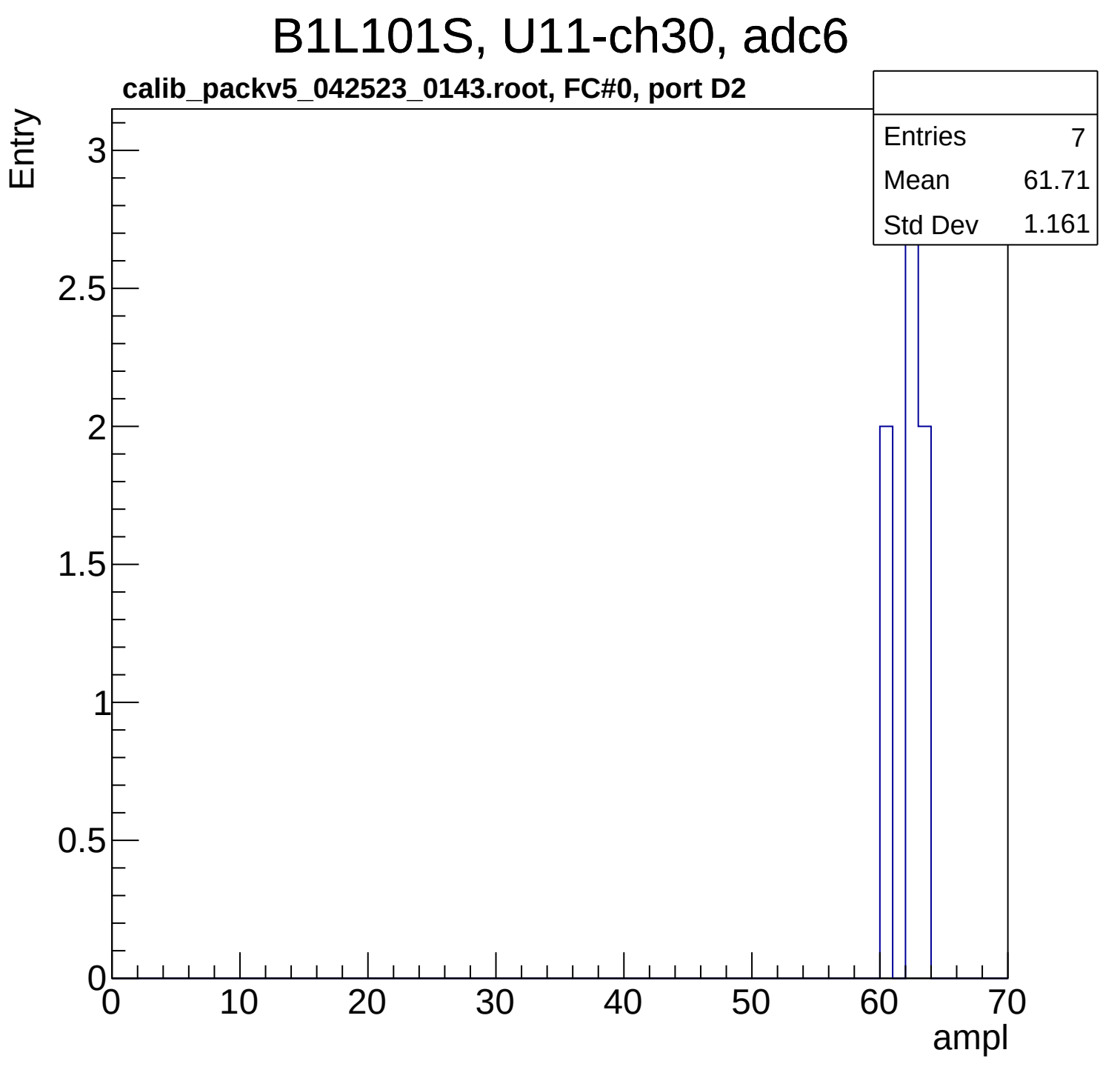
B1L101S, U11-ch30, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 7
Mean 61.71
Std Dev 1.161
Entry
ampl
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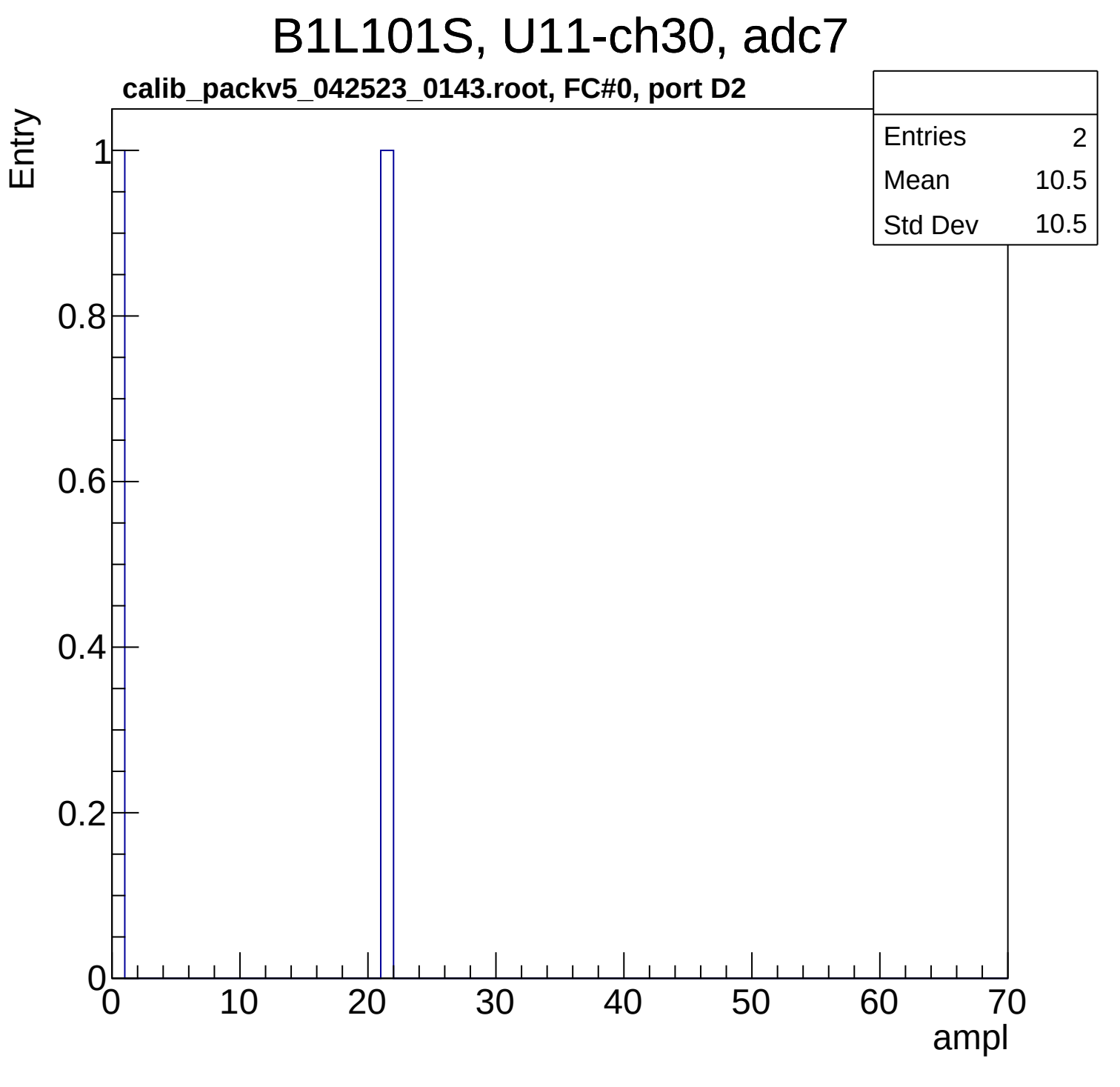
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L101S, U11-ch30, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 10.5
Std Dev 10.5
Entry
1
0.8
0.6
0.4
0.2
0
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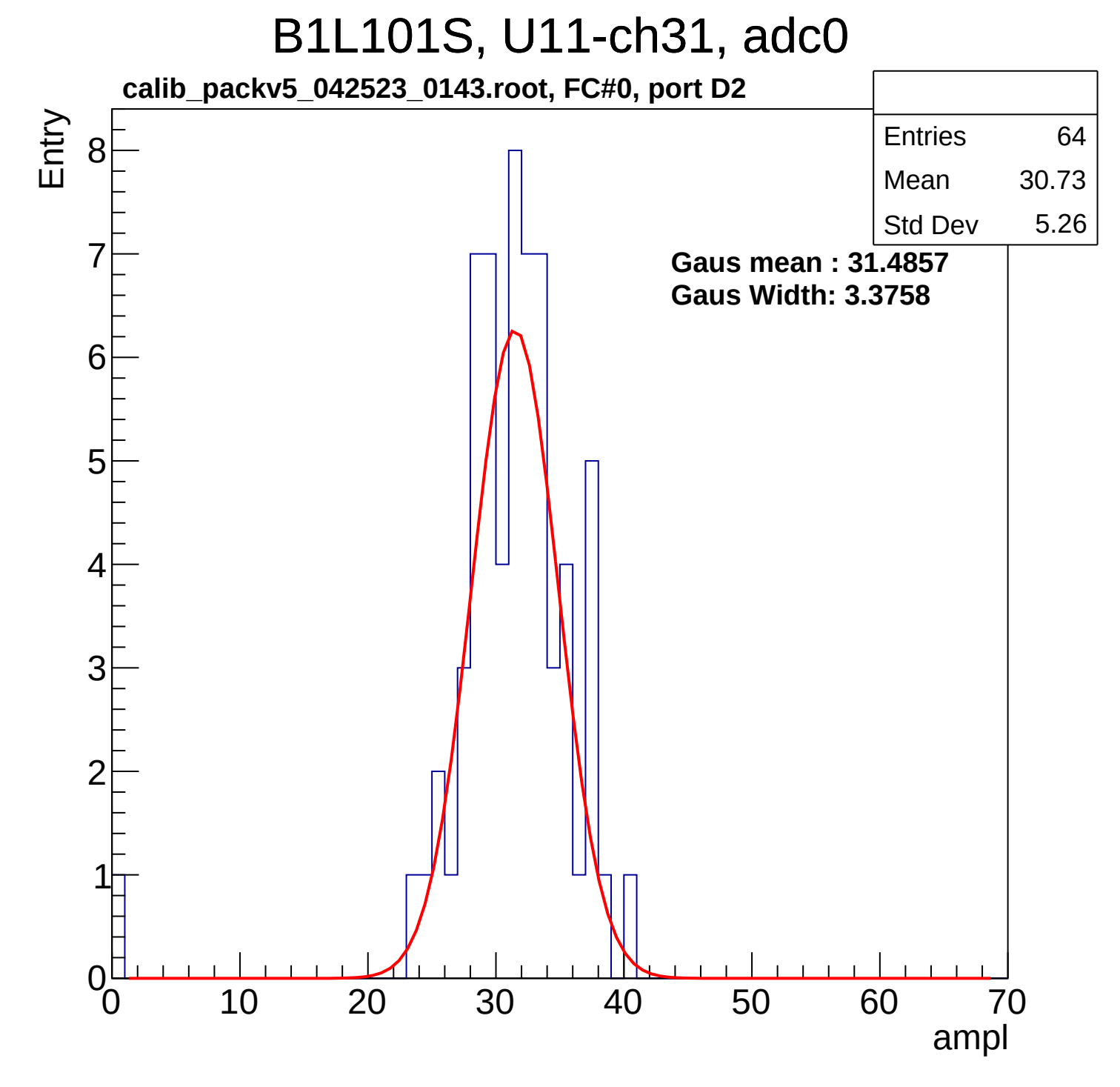
ampl


B1L101S, U11-ch31, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 30.73
Std Dev 5.26
Gaus mean : 31.4857
Gaus Width: 3.3758
Entry
ampl
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1
2
3
4
5
6
7
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0
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40
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60
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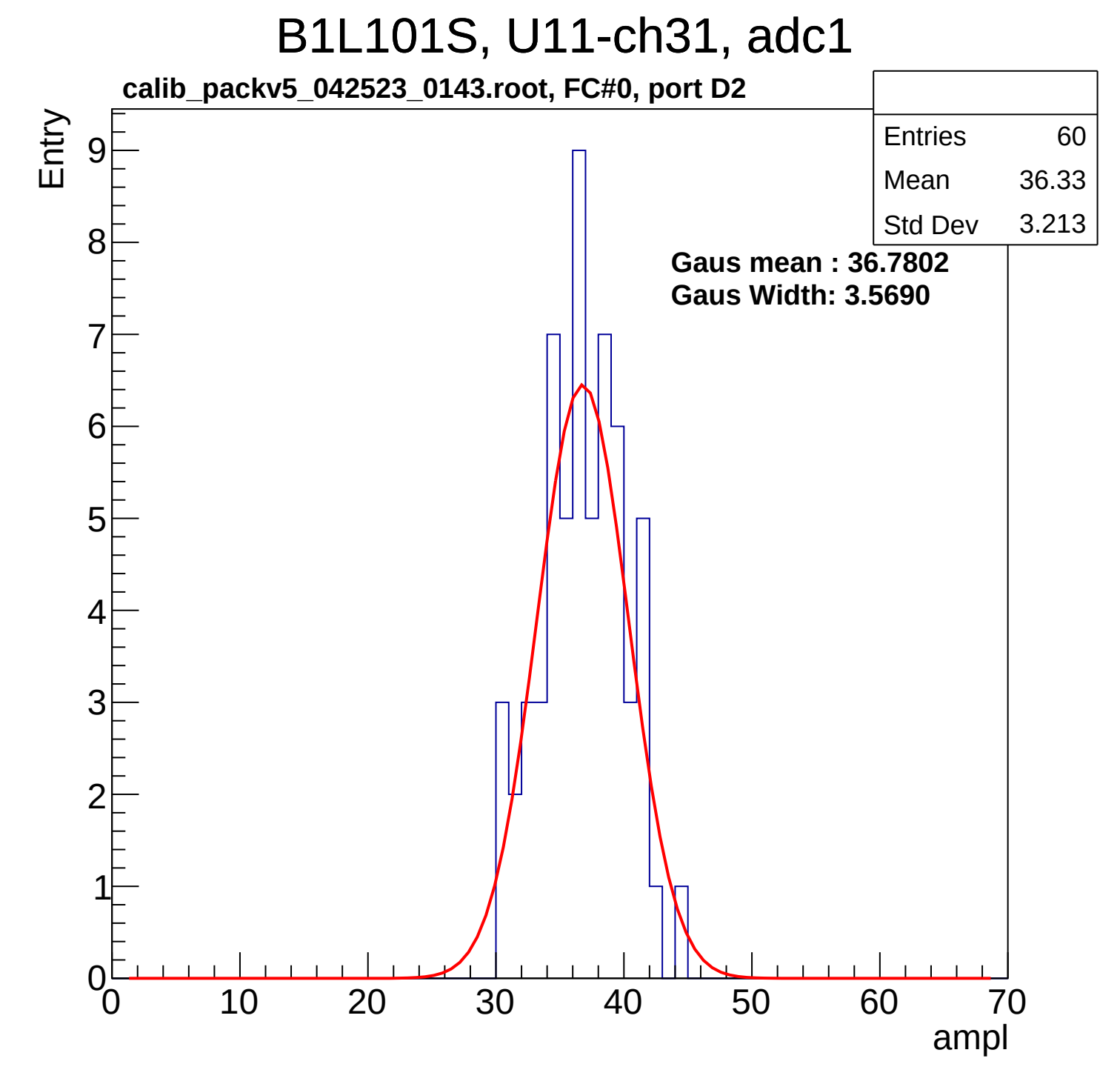
B1L101S, U11-ch31, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 36.33
Std Dev 3.213
Gaus mean : 36.7802
Gaus Width: 3.5690
Entry
ampl
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2
3
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5
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0
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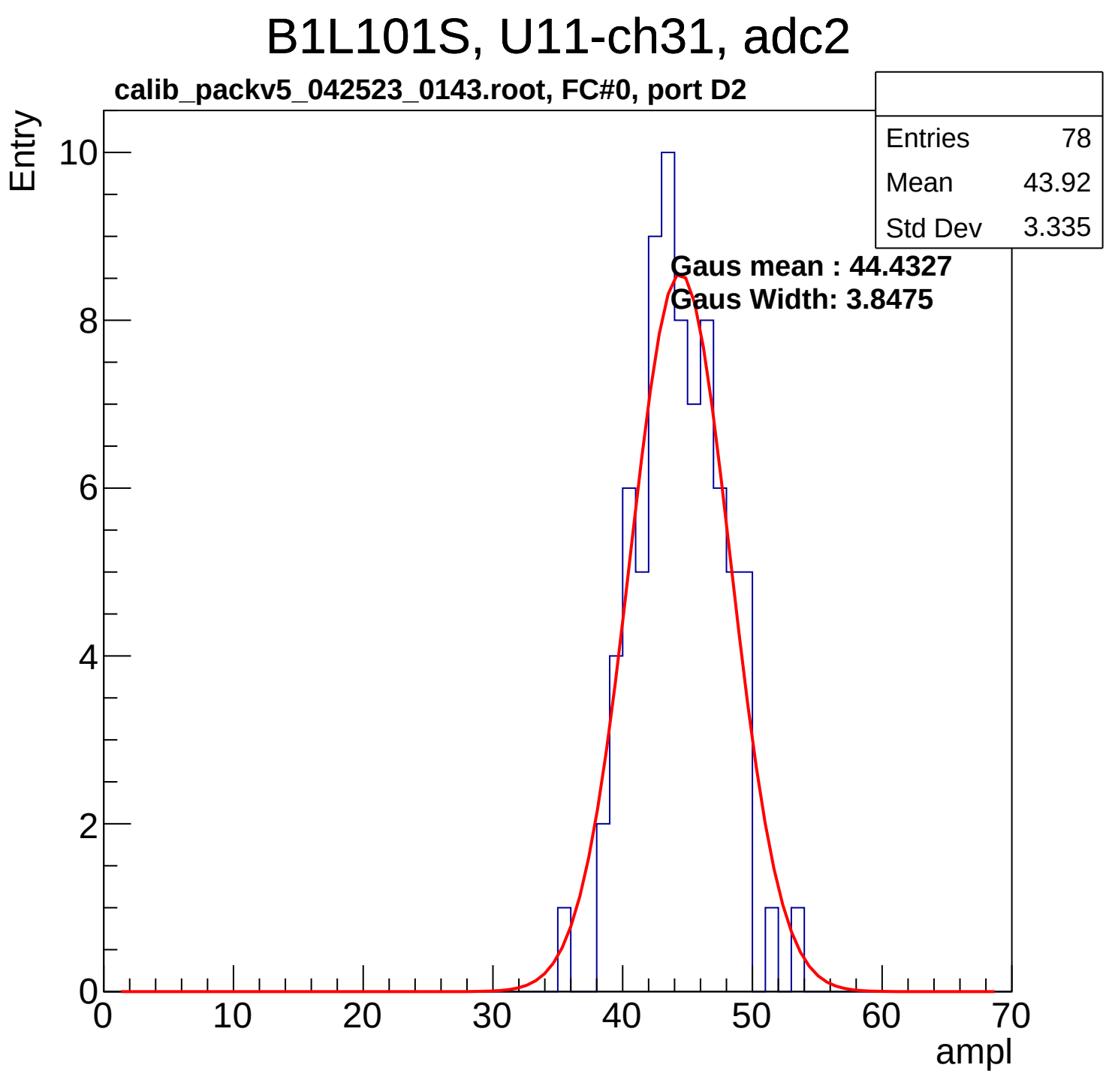
B1L101S, U11-ch31, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 78
Mean 43.92
Std Dev 3.335
Gaus mean : 44.4327
Gaus Width: 3.8475
Entry
ampl
0
2
4
6
8
10
0
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20
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40
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60
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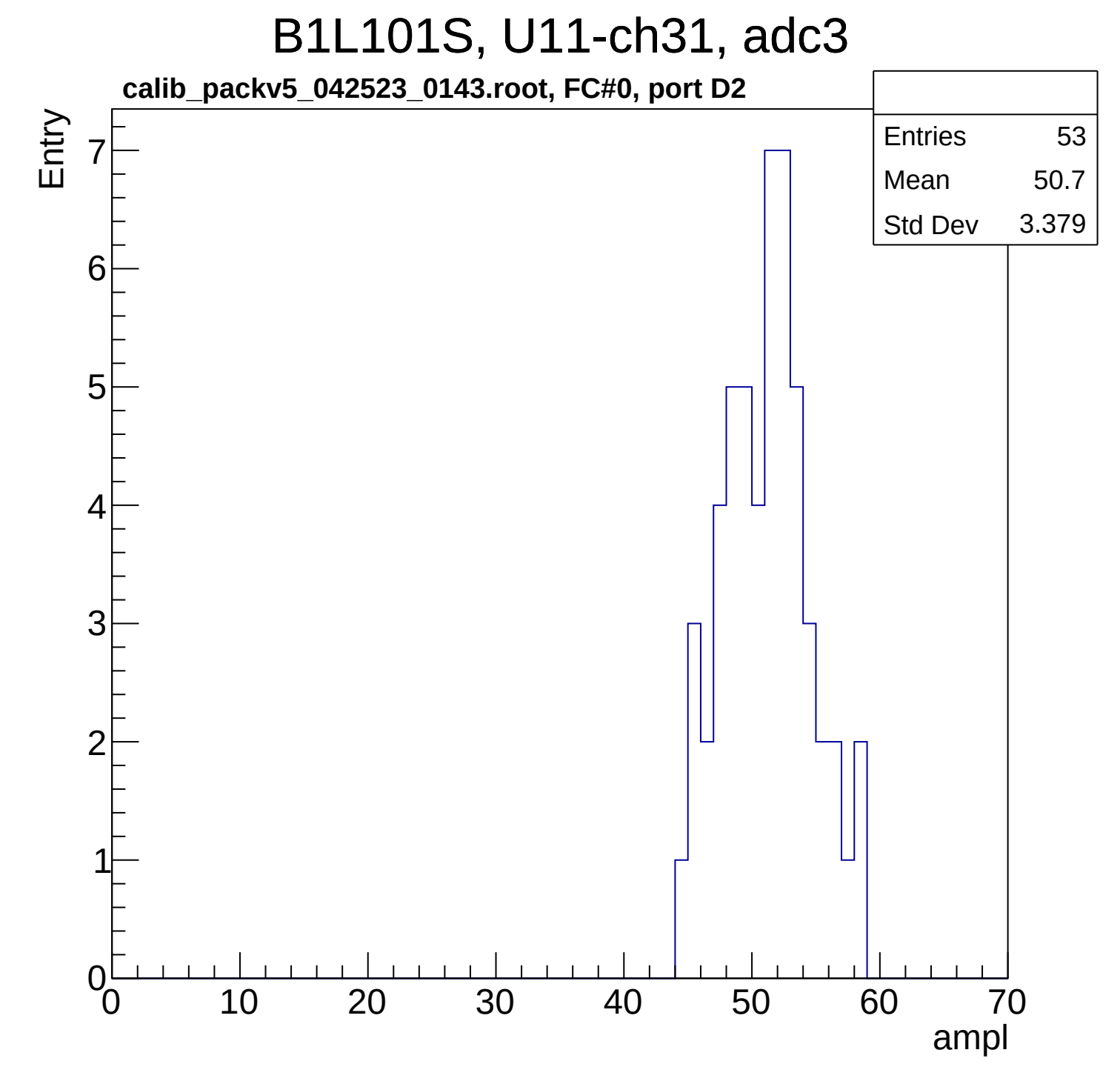
B1L101S, U11-ch31, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 50.7
Std Dev 3.379
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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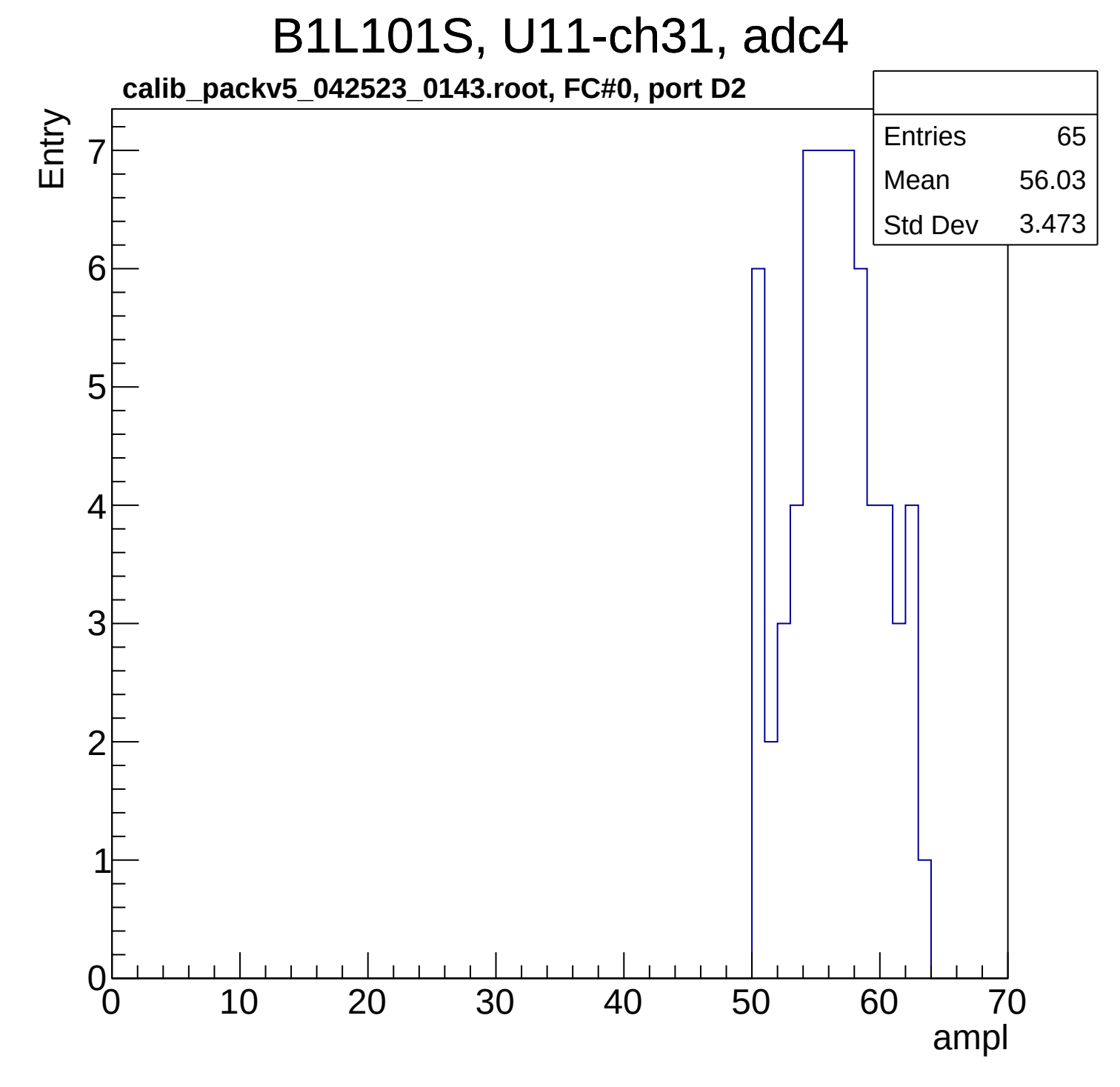
B1L101S, U11-ch31, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 56.03
Std Dev 3.473
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
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60
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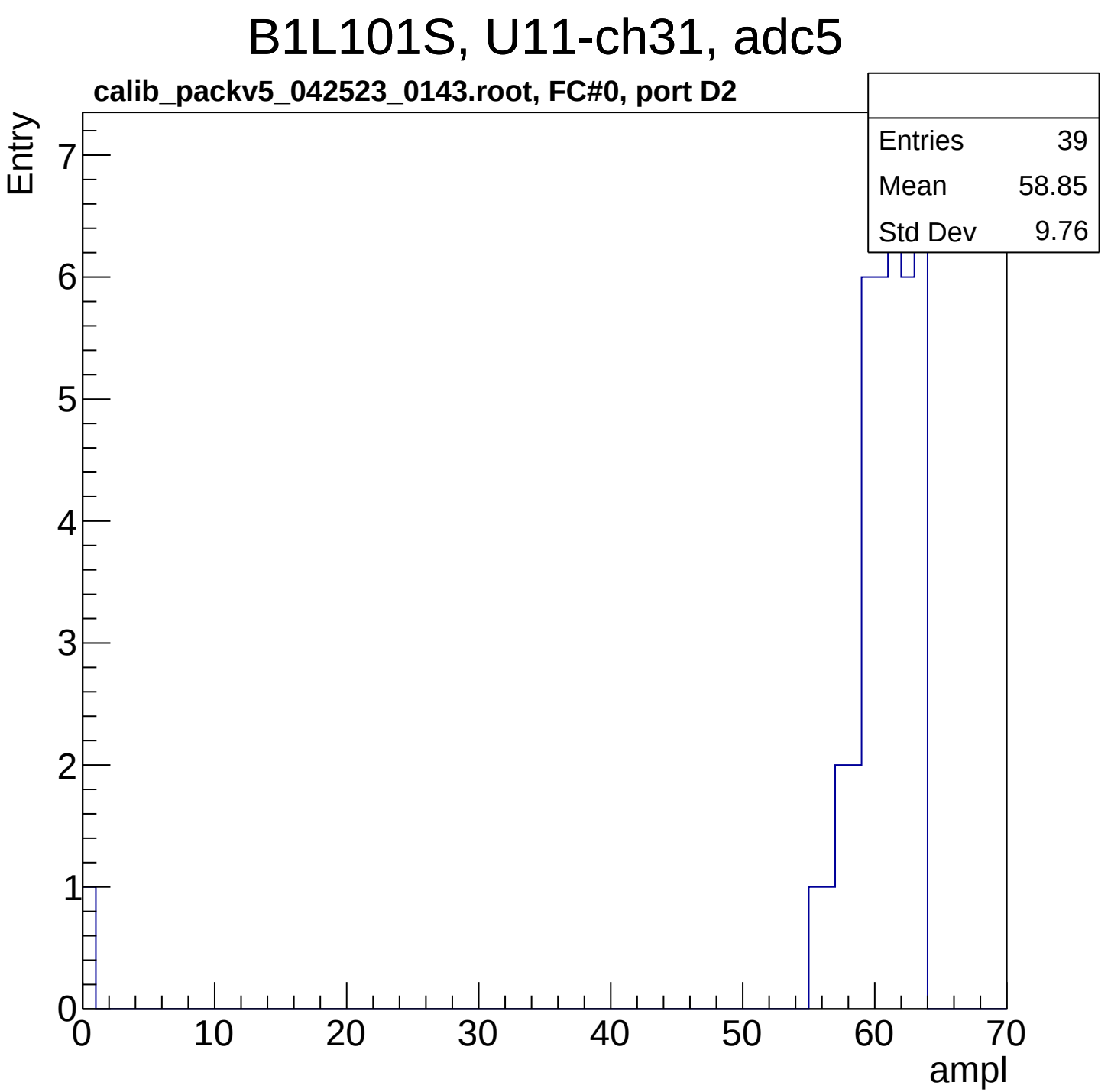
B1L101S, U11-ch31, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 39
Mean 58.85
Std Dev 9.76
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
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60
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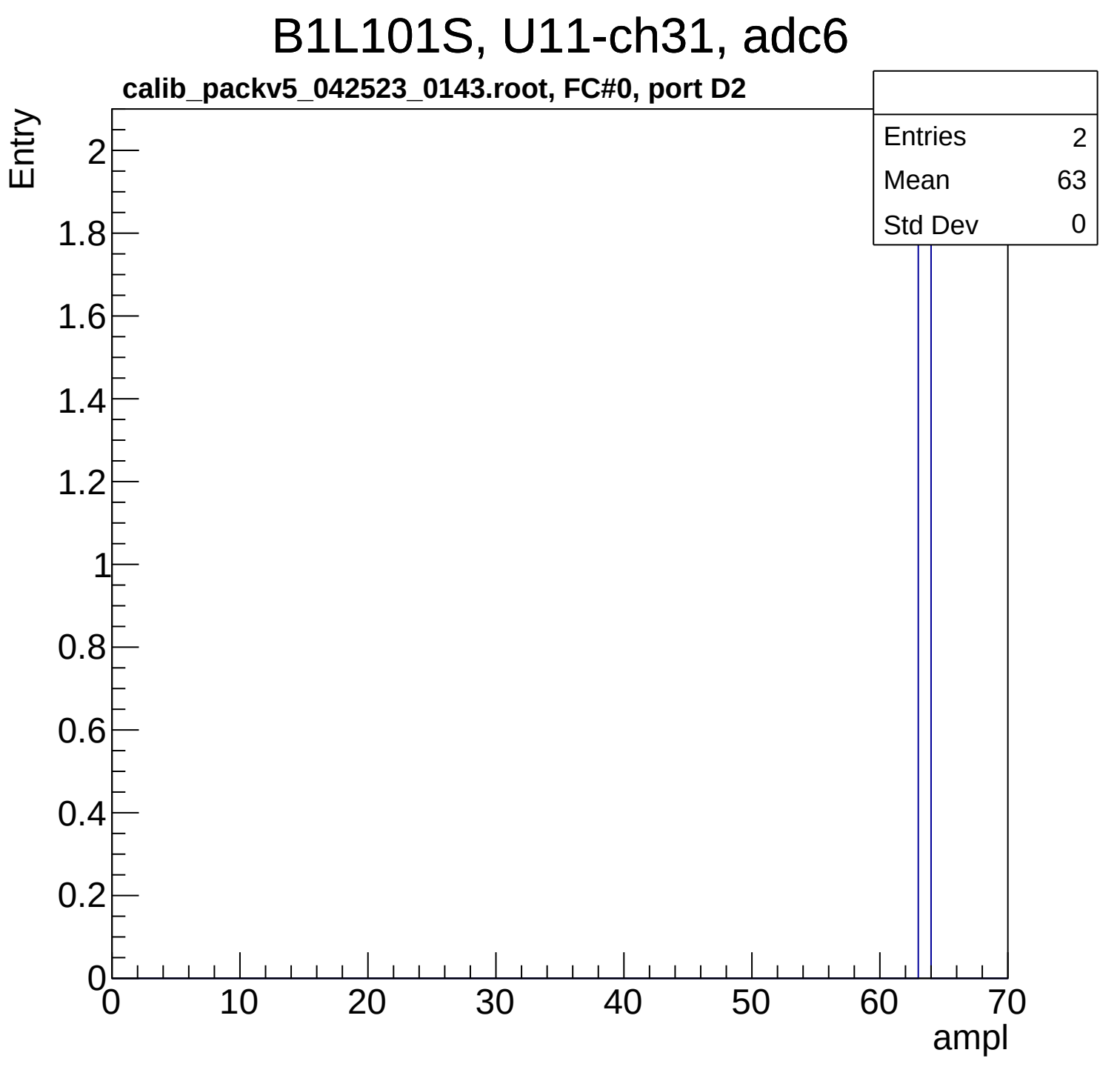
B1L101S, U11-ch31, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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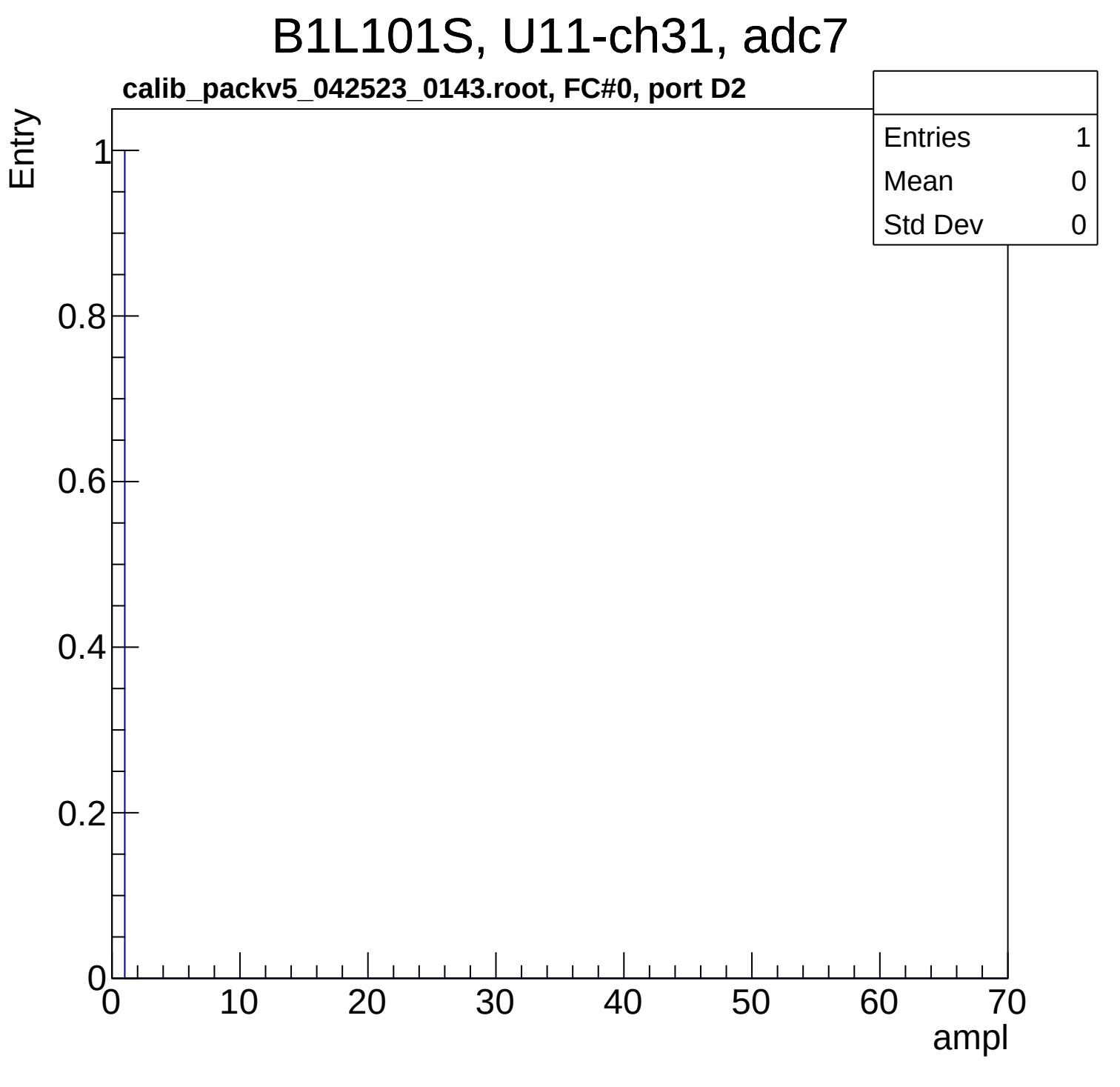
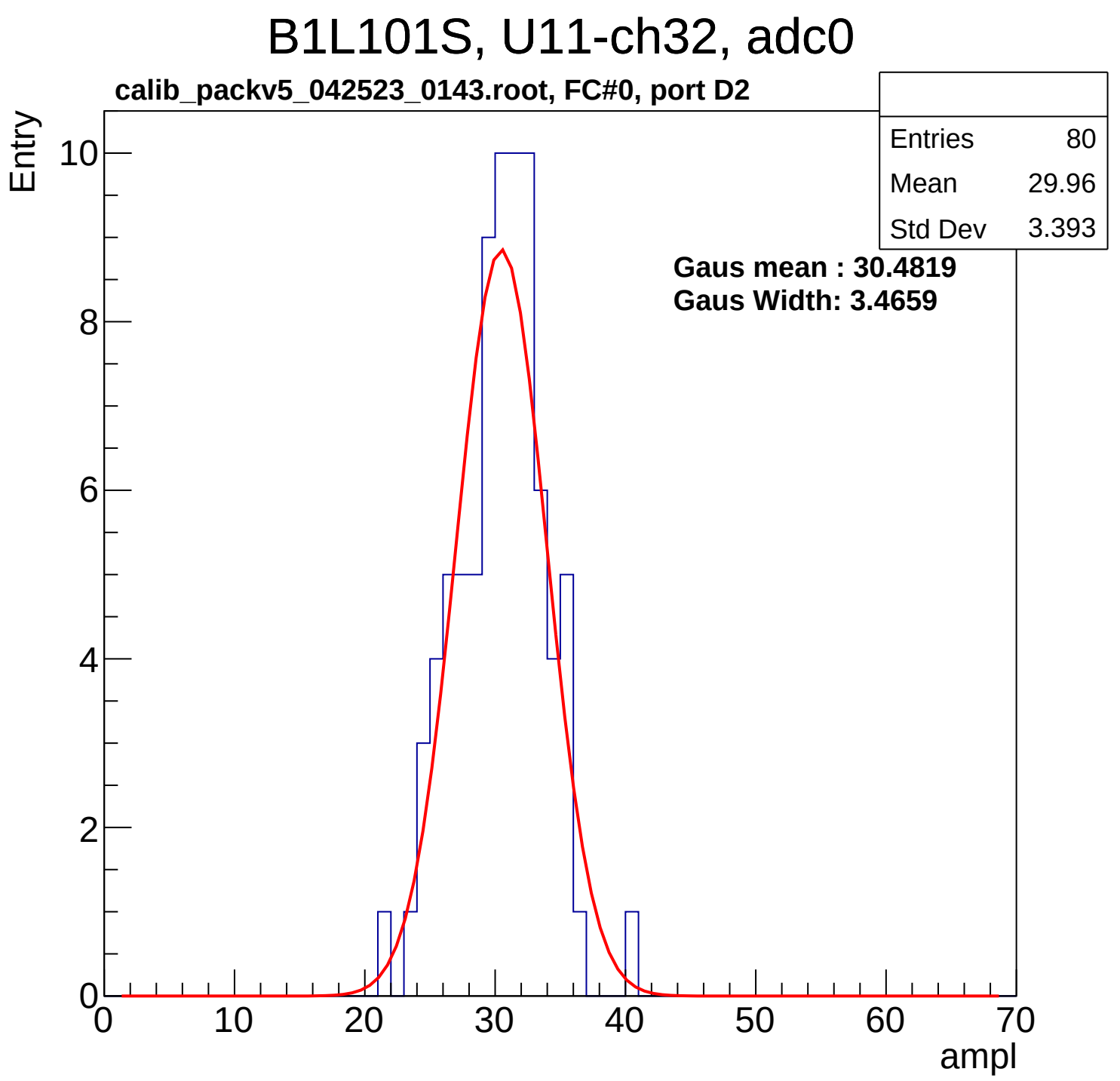
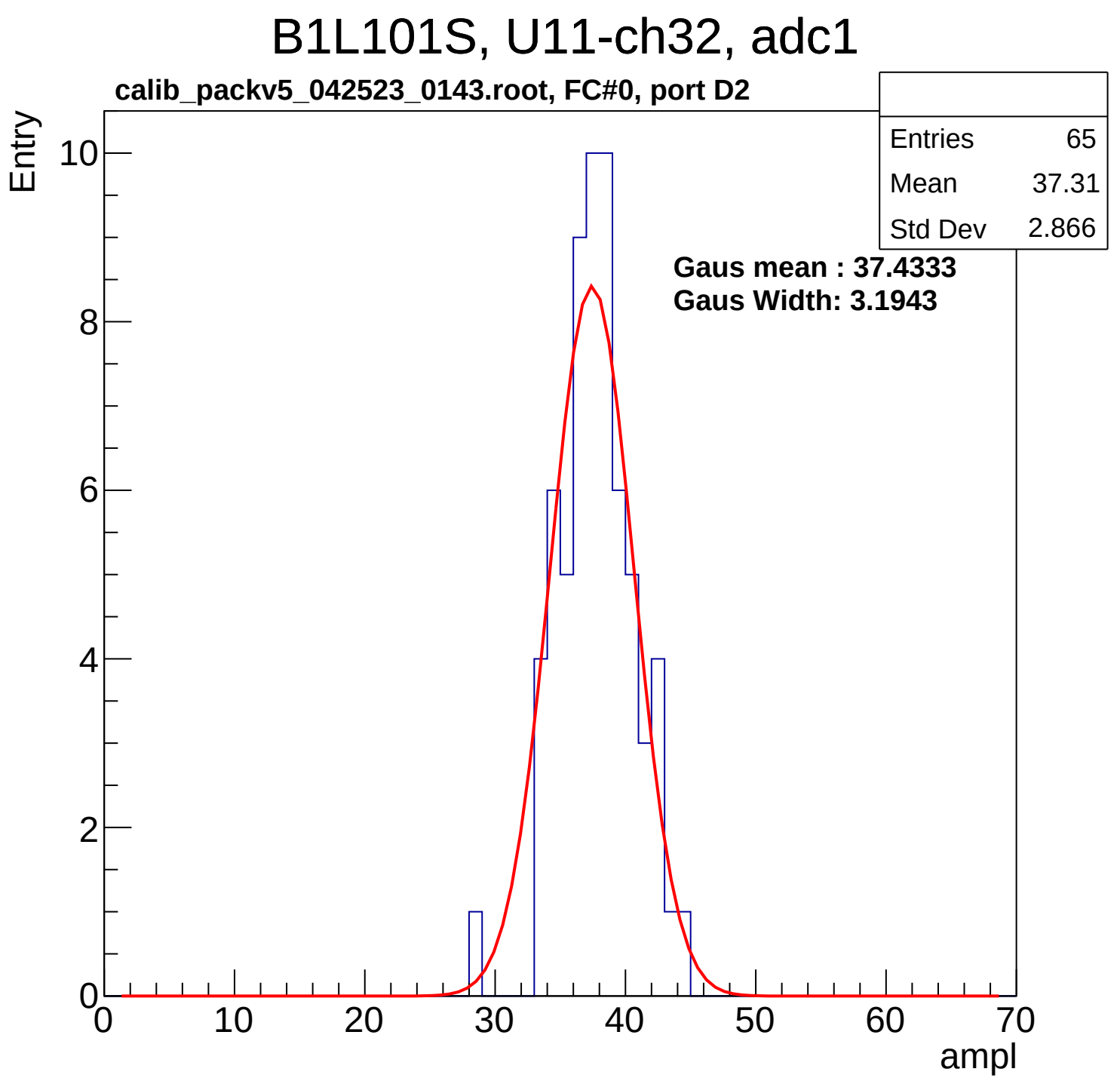
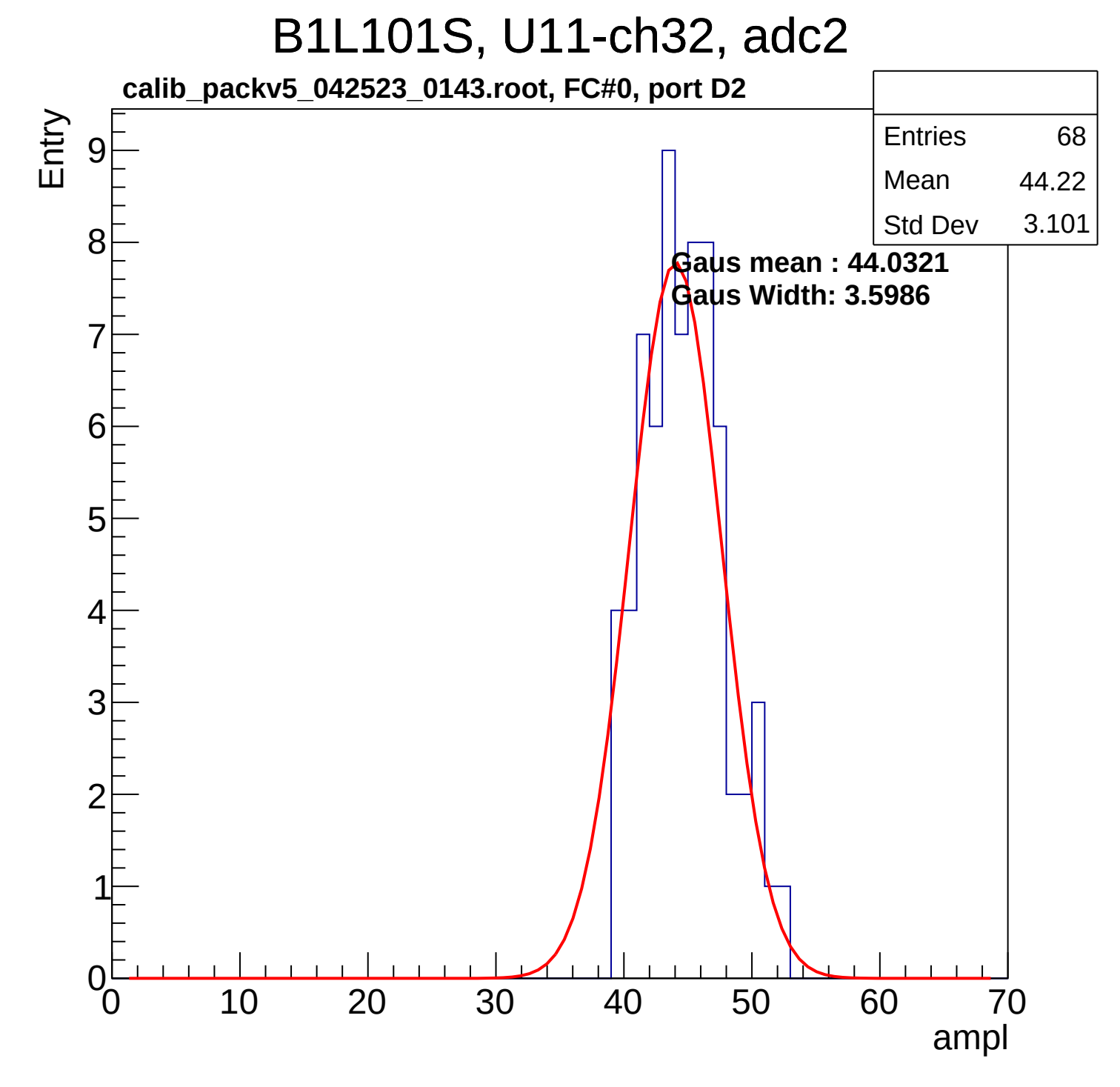

B1L101S, U11-ch31, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch32, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 80
Mean 29.96
Std Dev 3.393
Gaus mean : 30.4819
Gaus Width: 3.4659
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch32, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 37.31
Std Dev 2.866
Gaus mean : 37.4333
Gaus Width: 3.1943
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch32, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 44.22
Std Dev 3.101
Gaus mean : 44.0321
Gaus Width: 3.5986
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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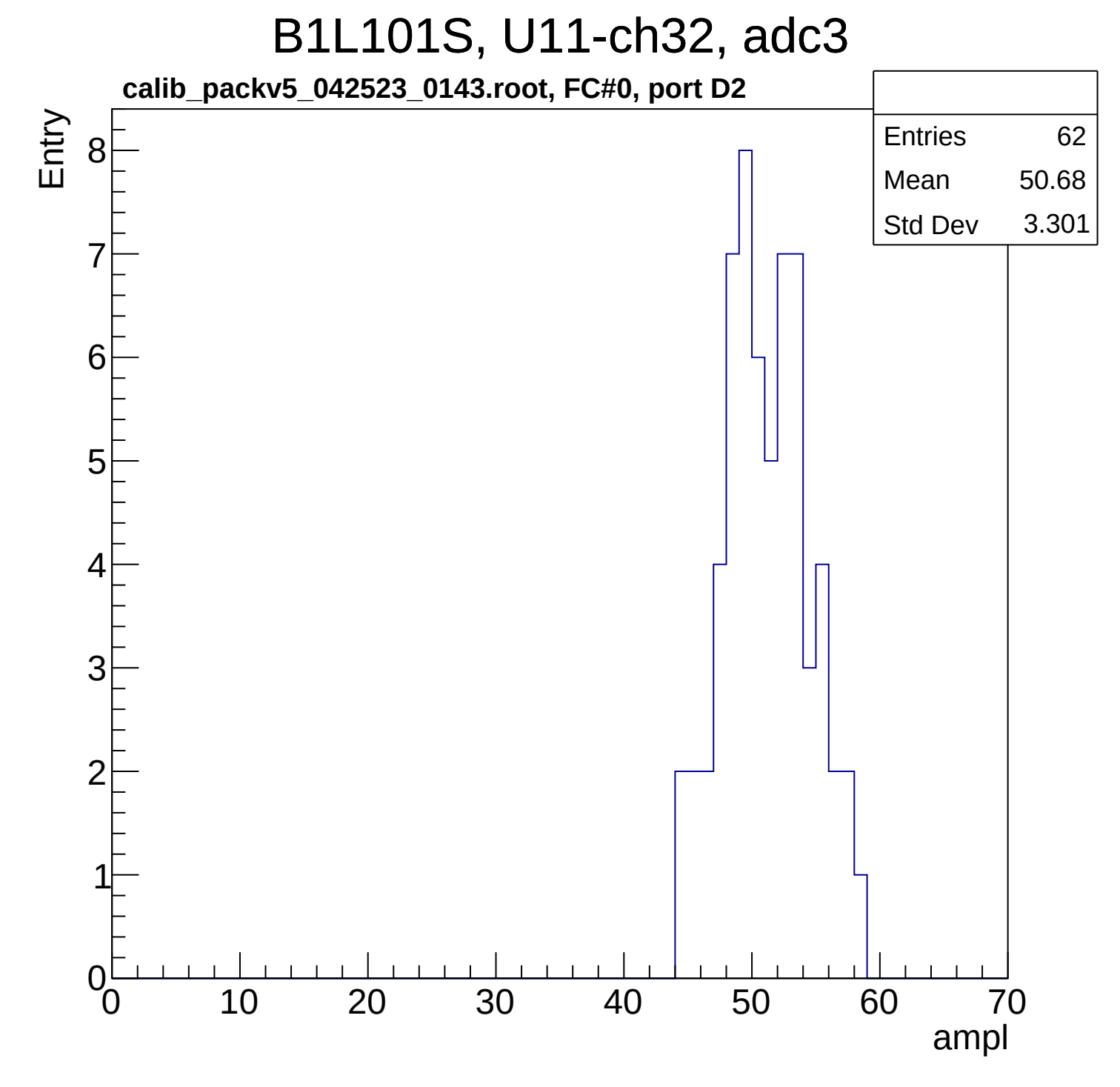
B1L101S, U11-ch32, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 50.68
Std Dev 3.301
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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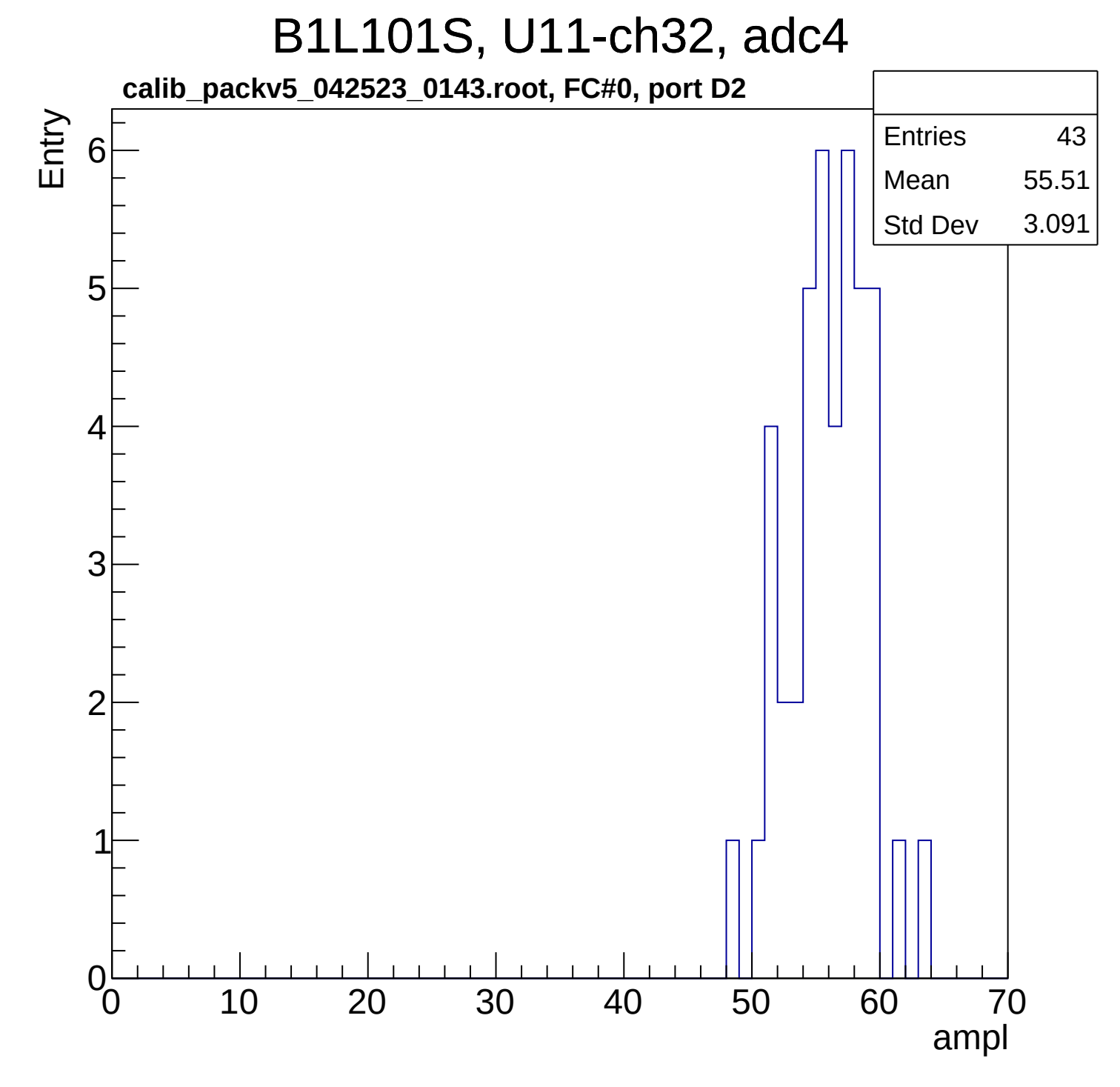
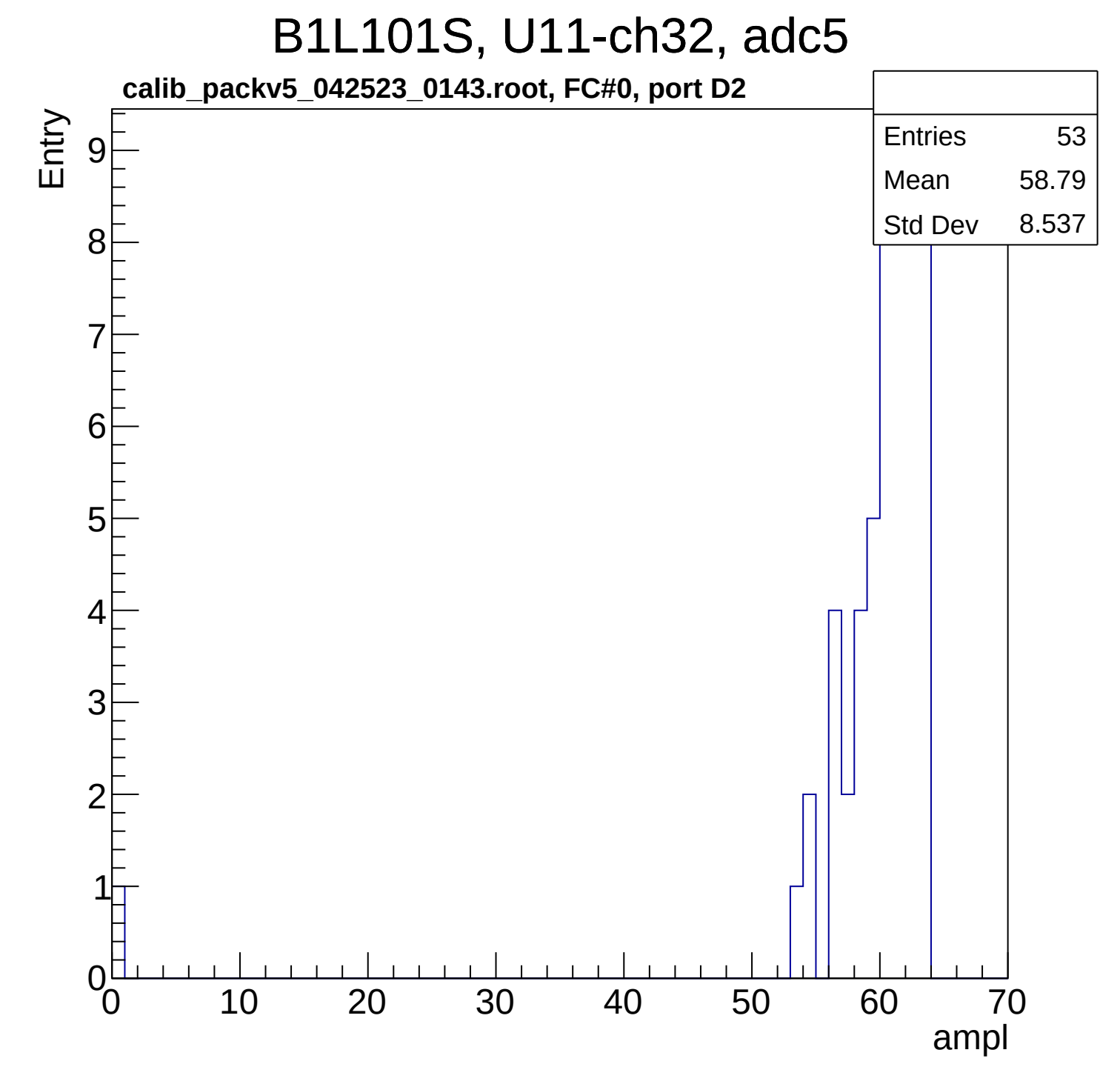
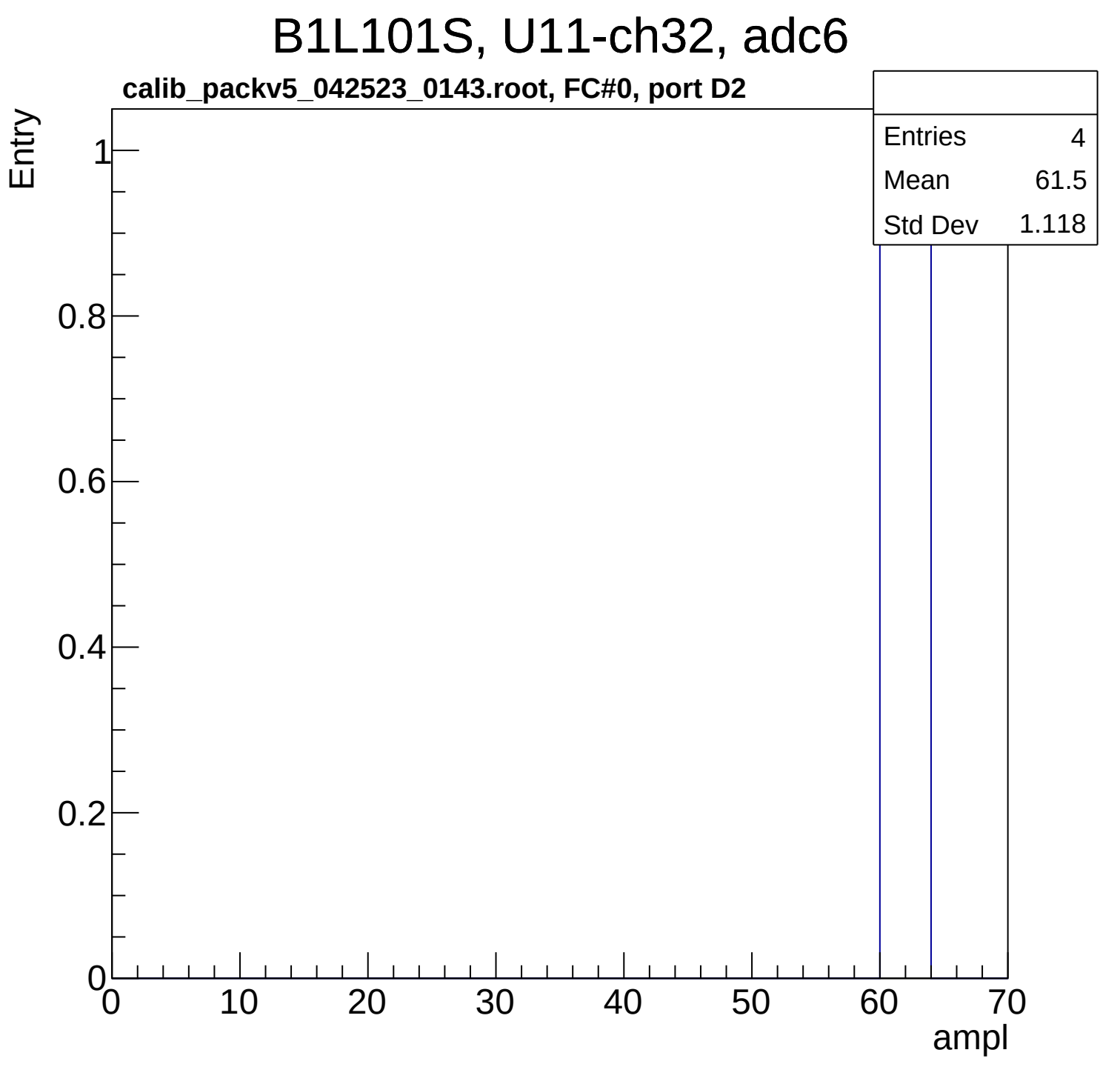
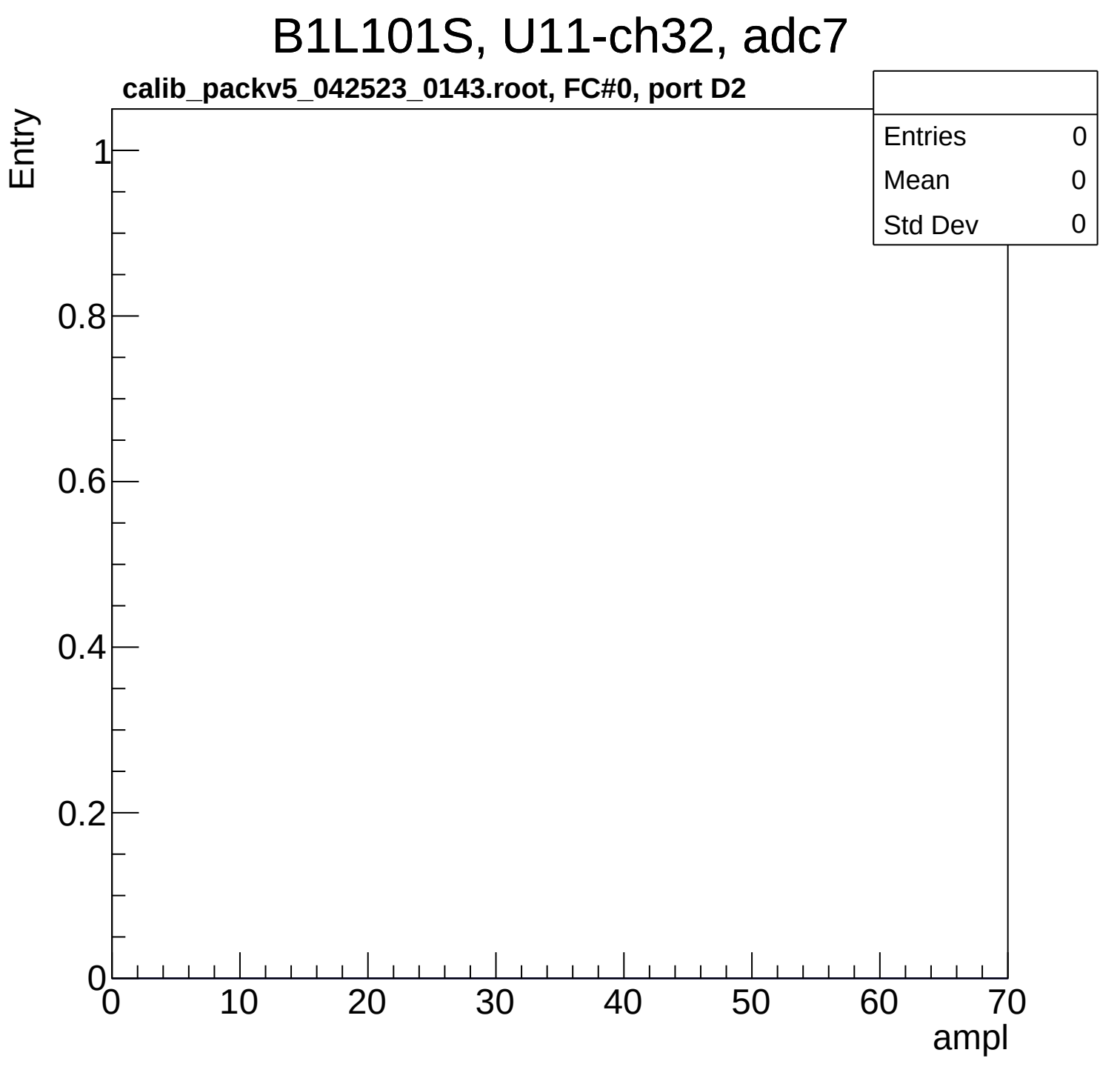
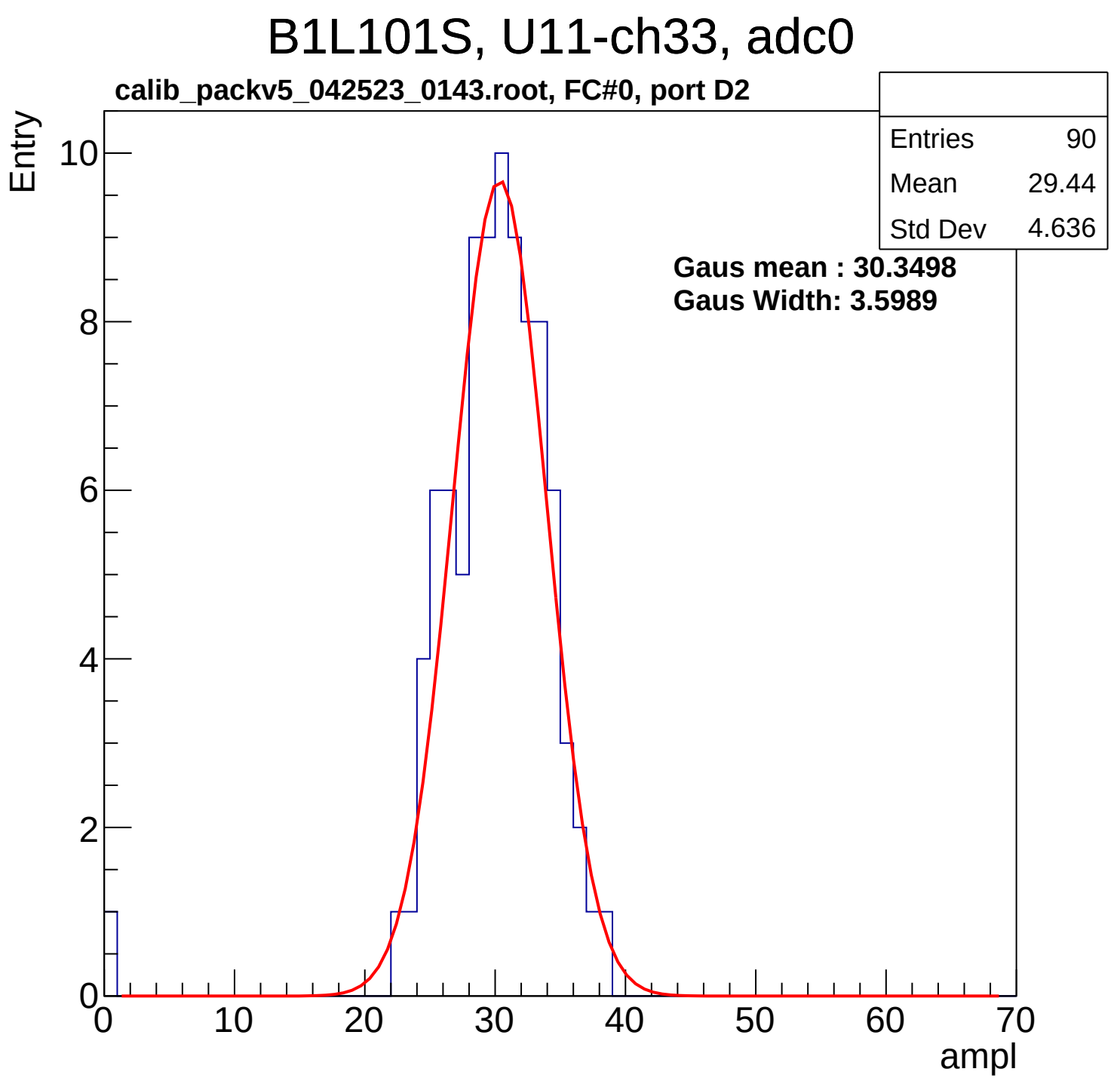
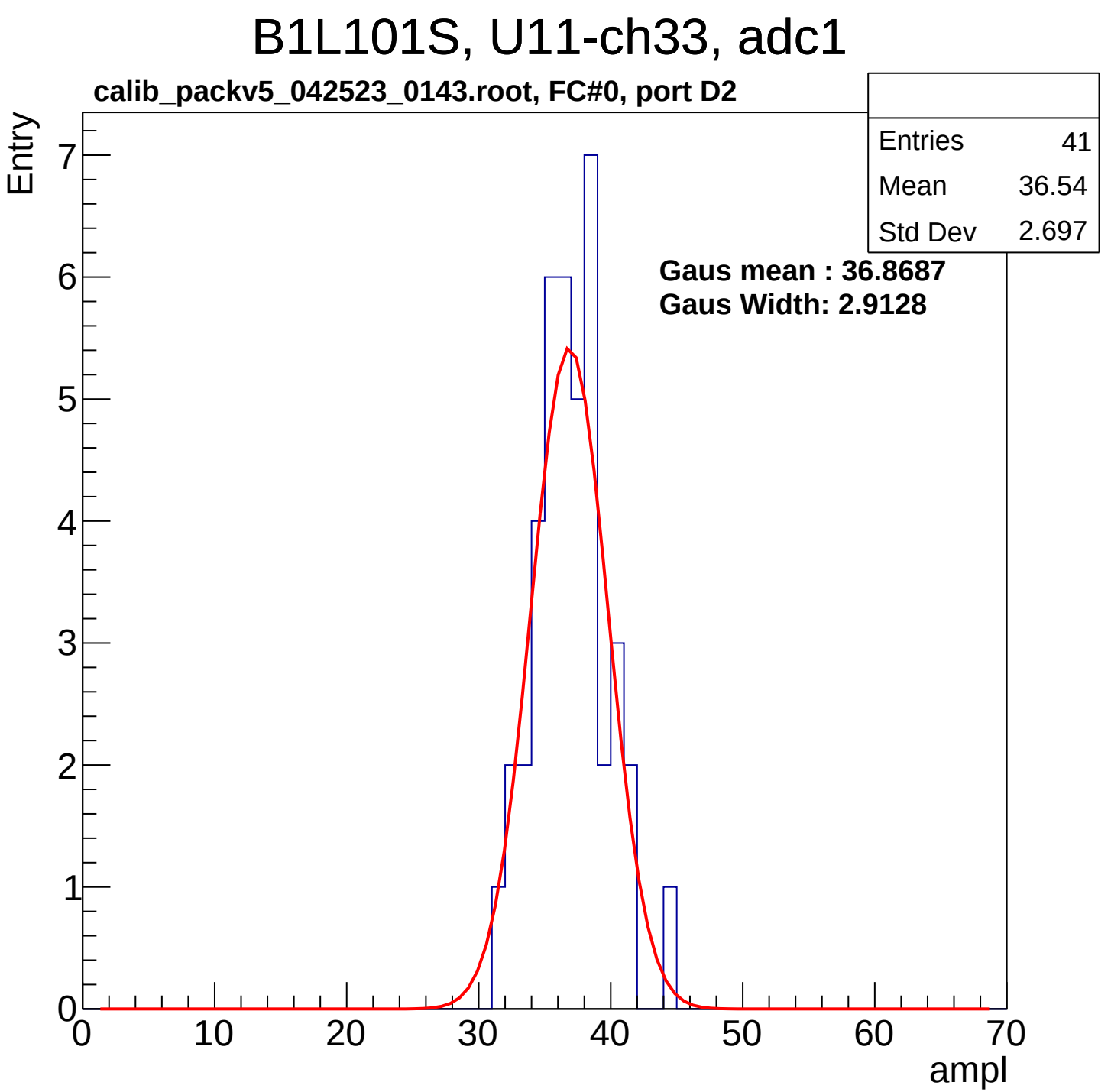

B1L101S, U11-ch32, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 43
Mean 55.51
Std Dev 3.091
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L101S, U11-ch32, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 58.79
Std Dev 8.537
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch32, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 61.5
Std Dev 1.118
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch32, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch33, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 90
Mean 29.44
Std Dev 4.636
Gaus mean : 30.3498
Gaus Width: 3.5989
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch33, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 41
Mean 36.54
Std Dev 2.697
Gaus mean : 36.8687
Gaus Width: 2.9128
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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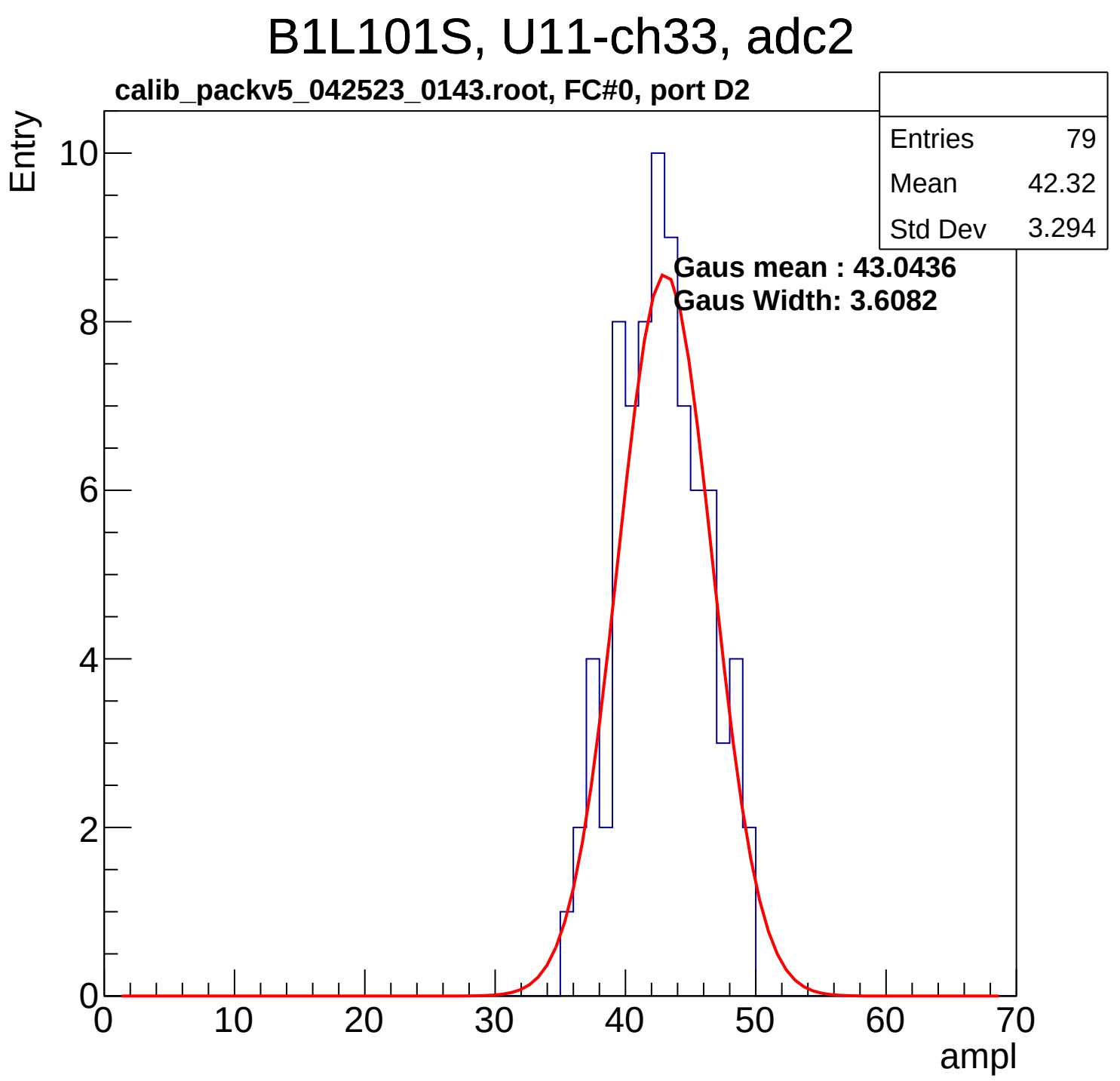
B1L101S, U11-ch33, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 79
Mean 42.32
Std Dev 3.294
Gaus mean : 43.0436
Gaus Width: 3.6082
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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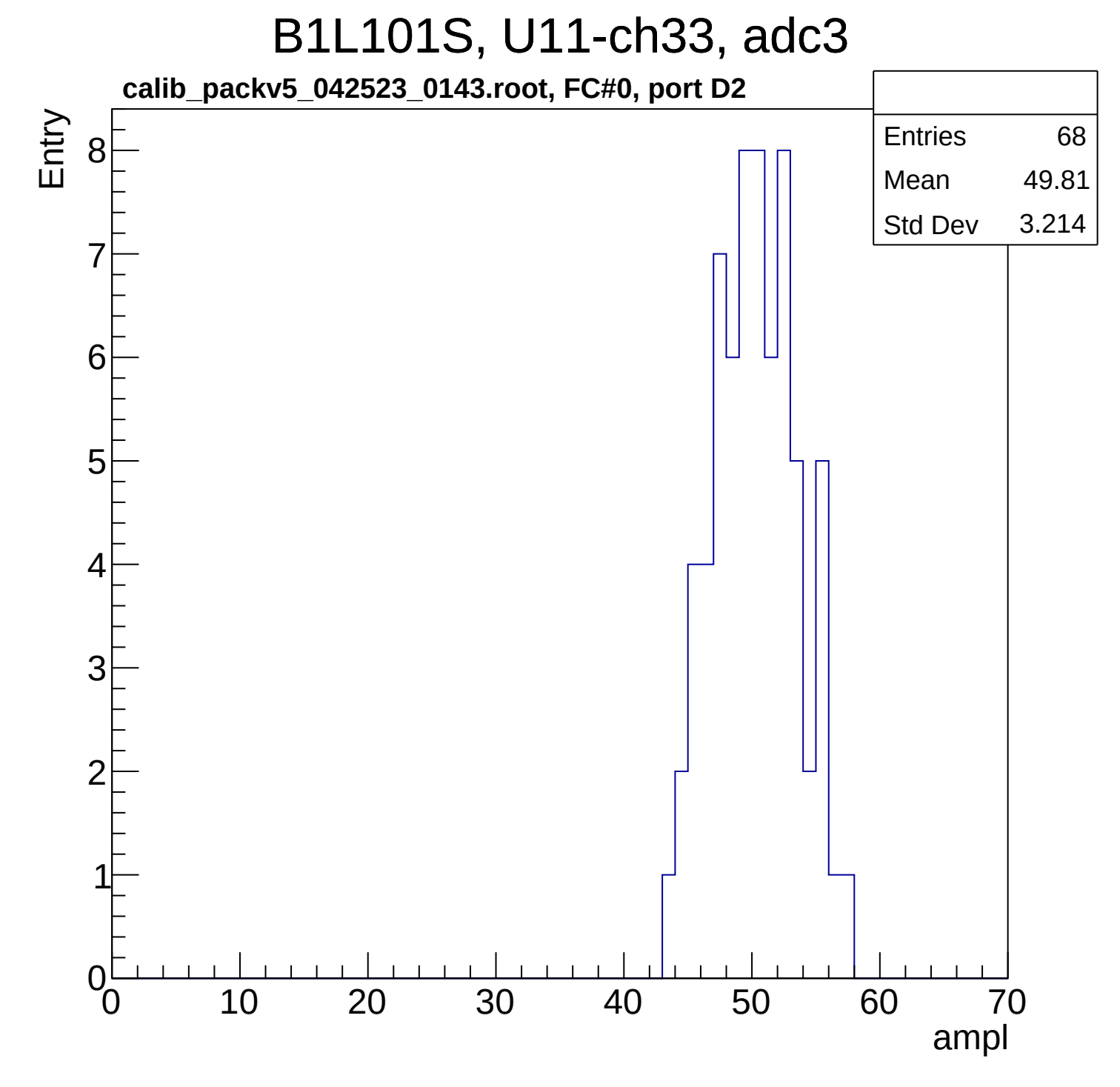
B1L101S, U11-ch33, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 49.81
Std Dev 3.214
Entry
ampl
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2
3
4
5
6
7
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0
10
20
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60
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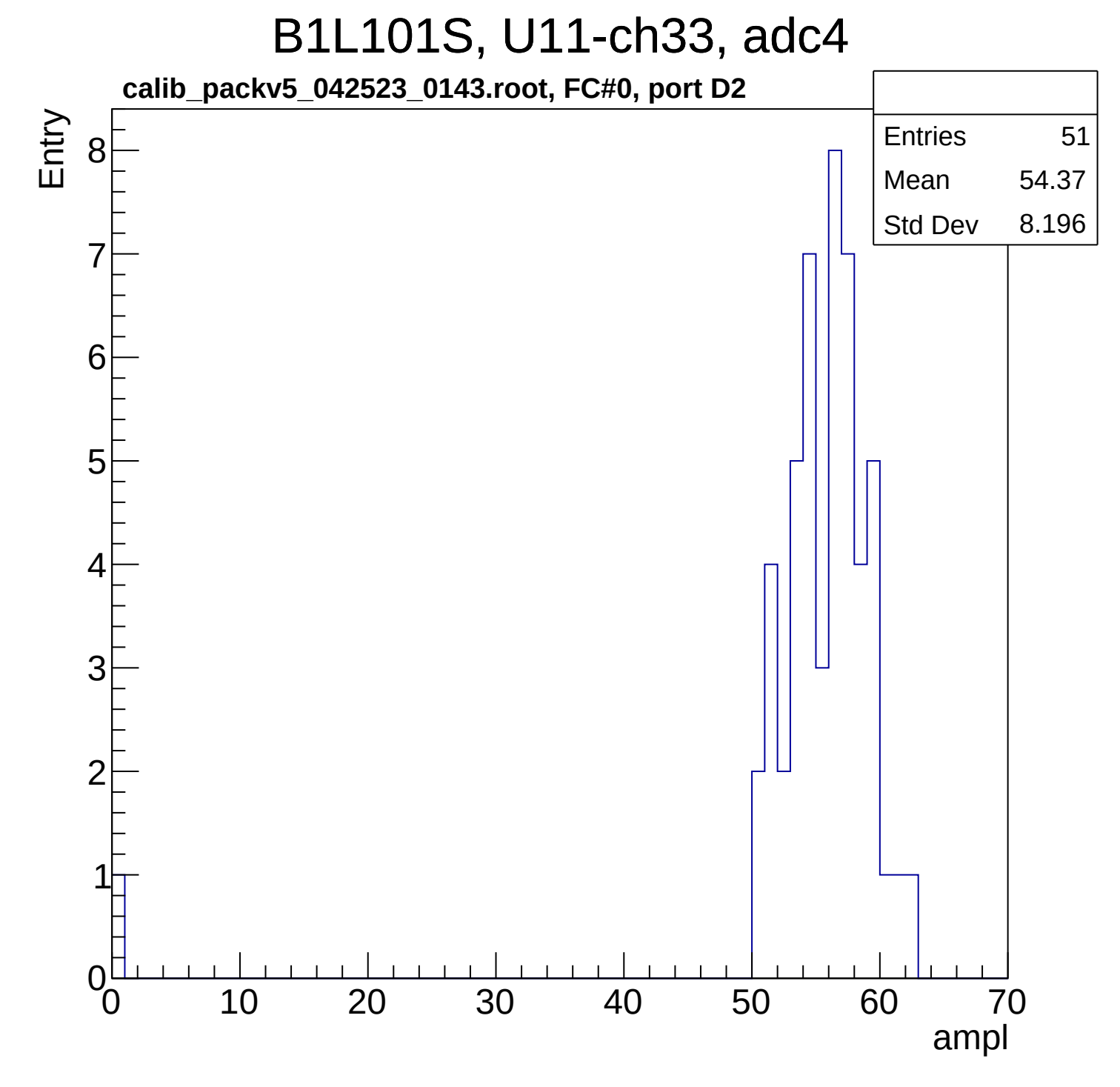
B1L101S, U11-ch33, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 54.37
Std Dev 8.196
Entry
ampl
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1
2
3
4
5
6
7
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0
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60
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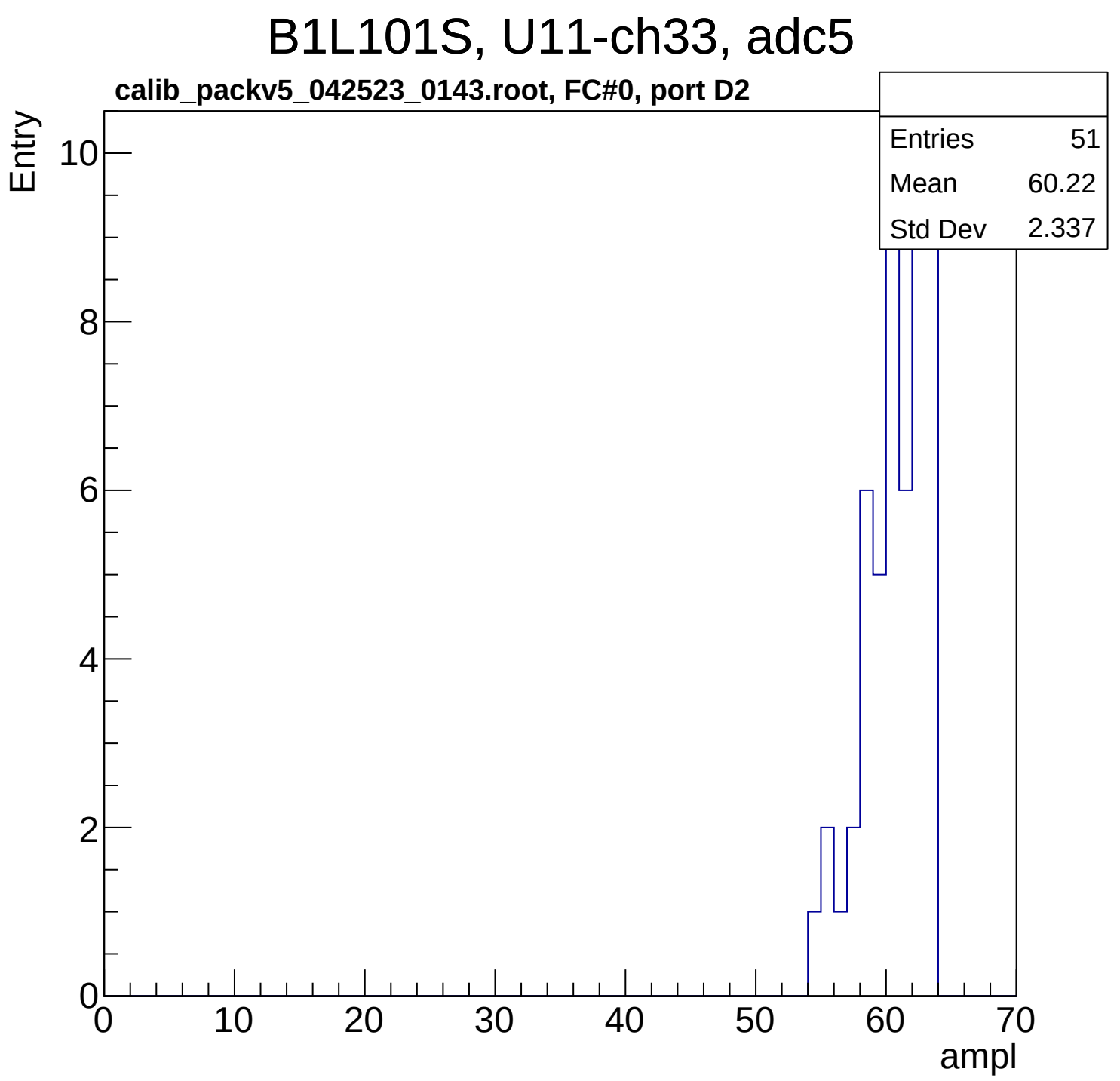
B1L101S, U11-ch33, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 60.22
Std Dev 2.337
Entry
ampl
0
2
4
6
8
10
0
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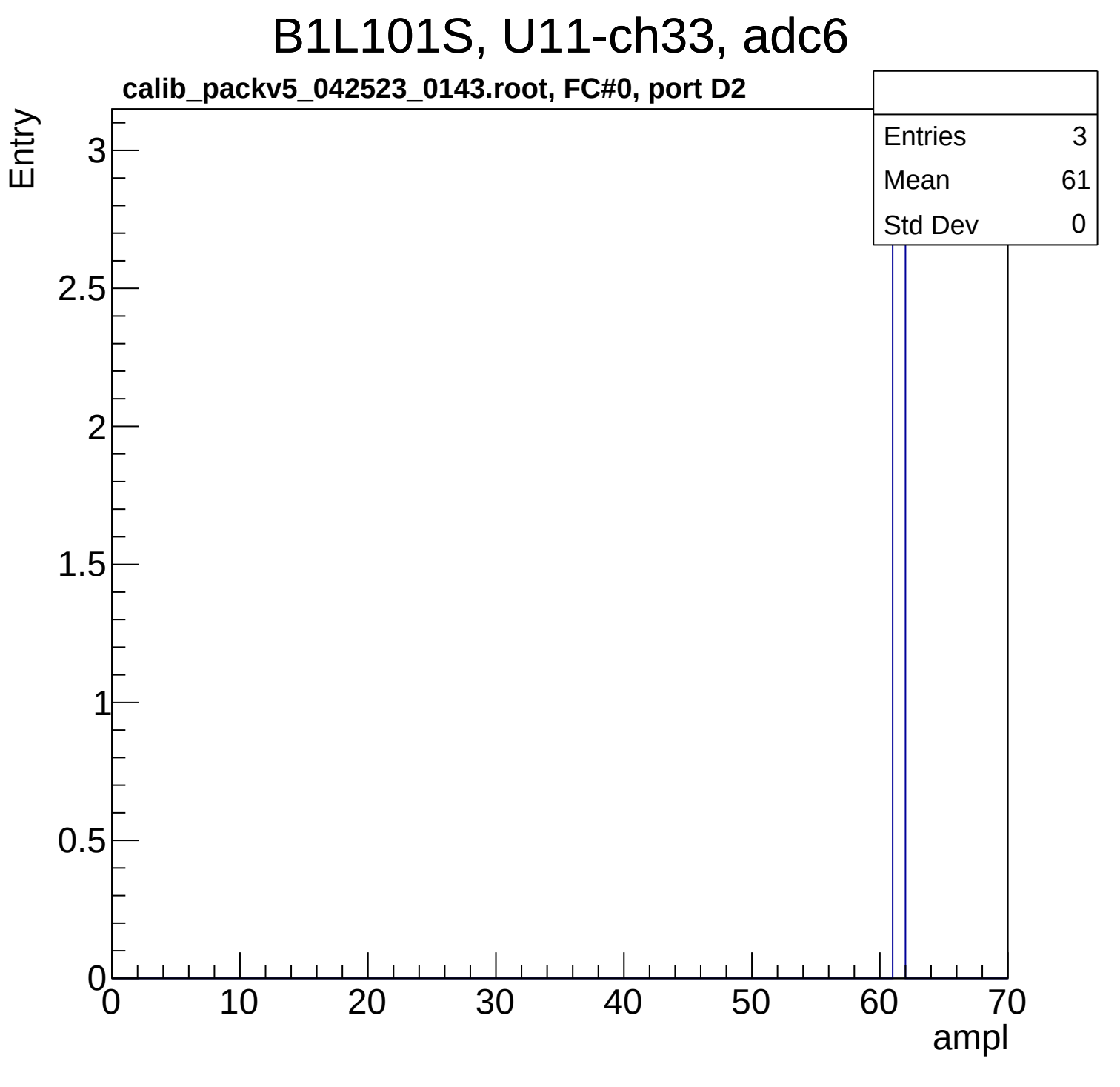
20
30
40
50
60
70


B1L101S, U11-ch33, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 61
Std Dev 0
Entry
ampl
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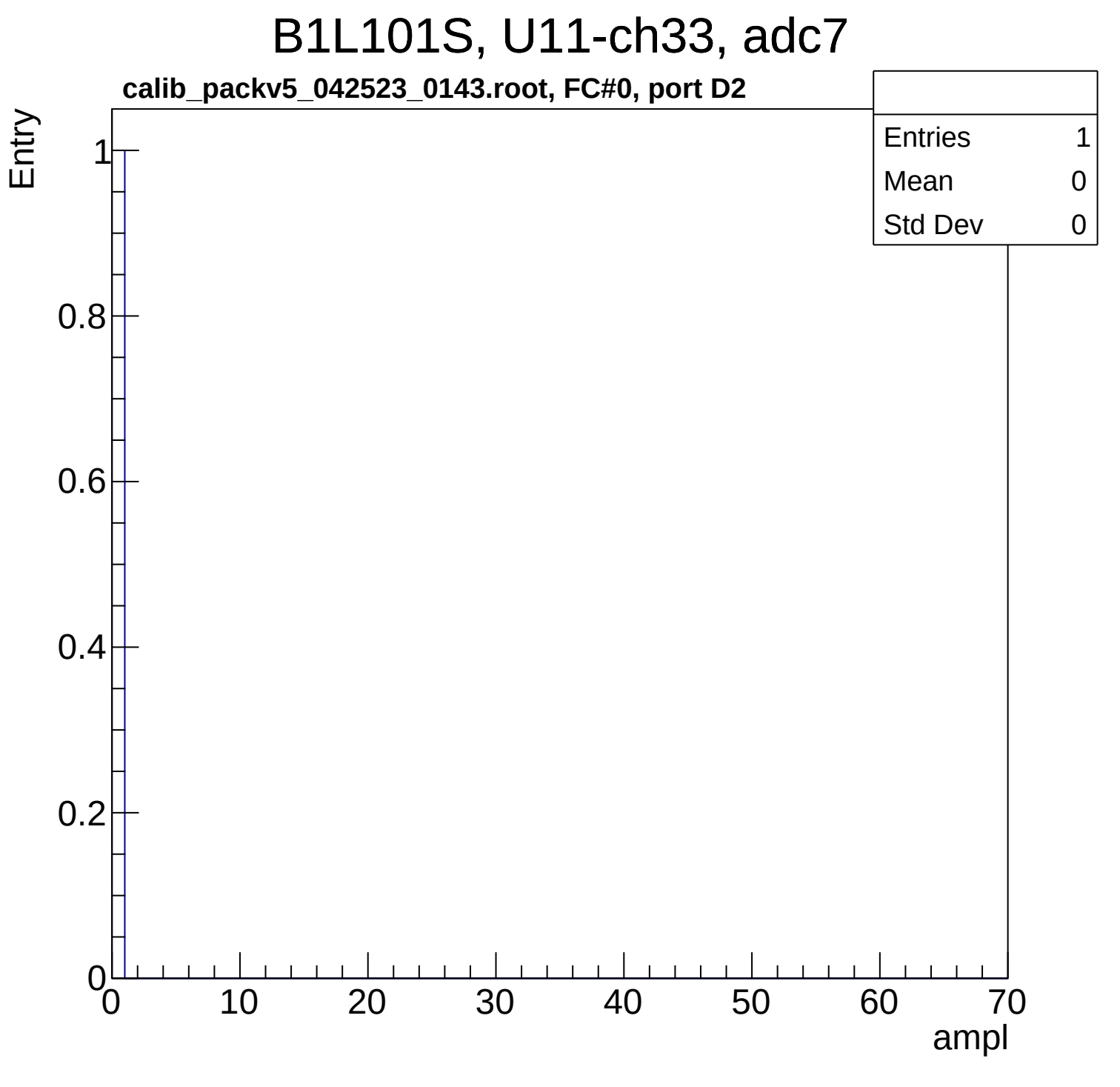
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L101S, U11-ch33, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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0.4
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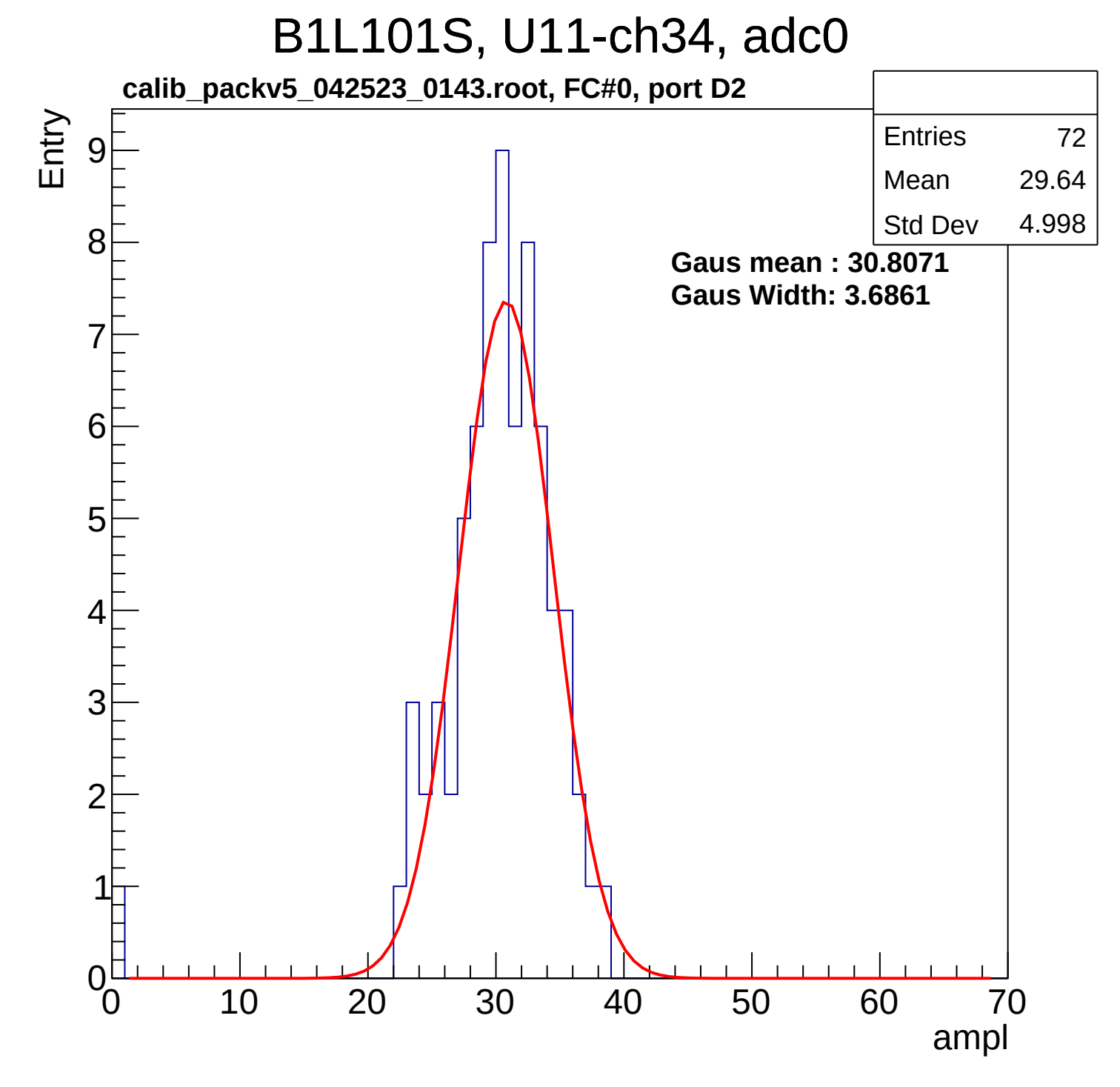
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch34, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 29.64
Std Dev 4.998
Gaus mean : 30.8071
Gaus Width: 3.6861
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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40
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60
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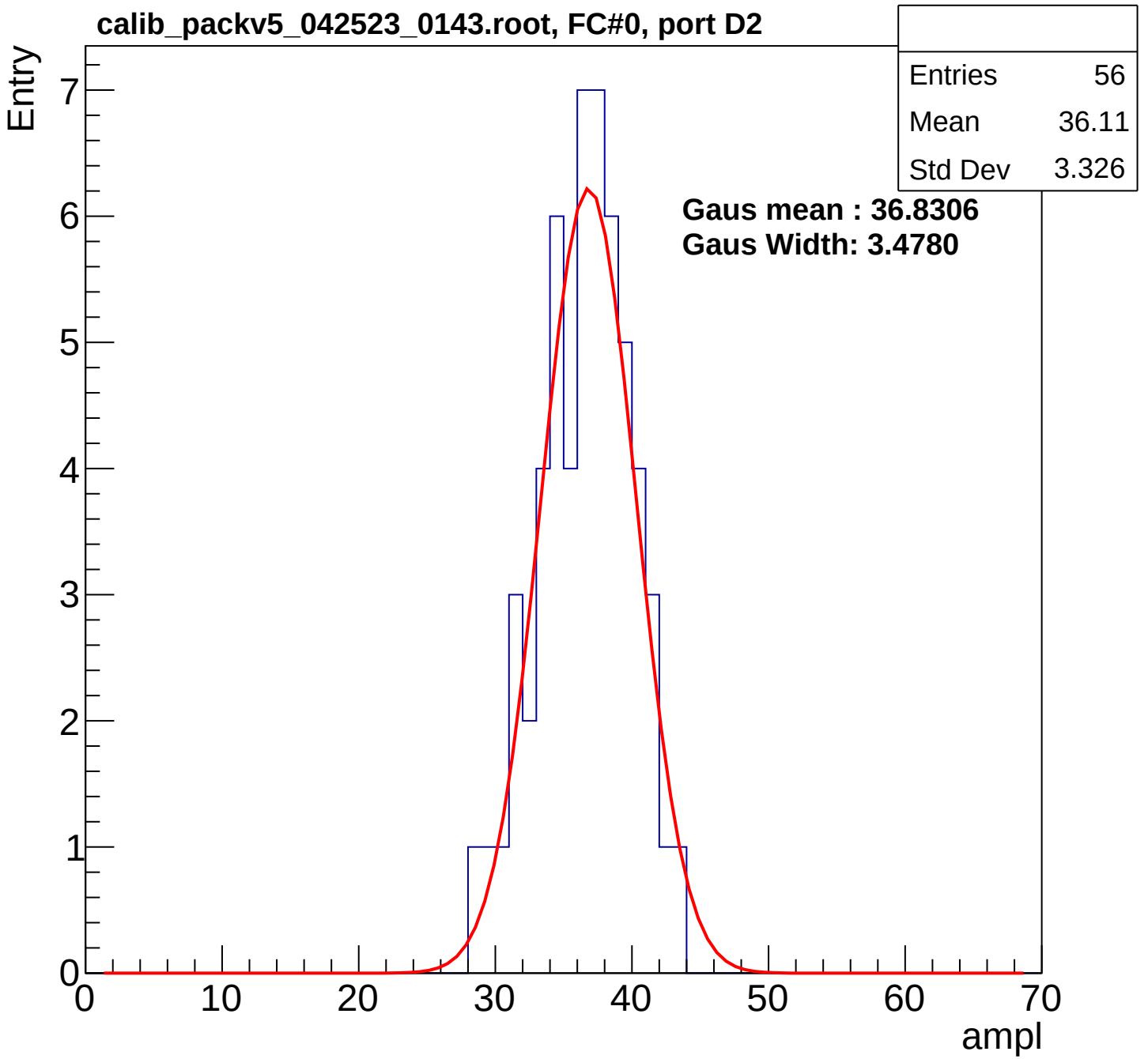
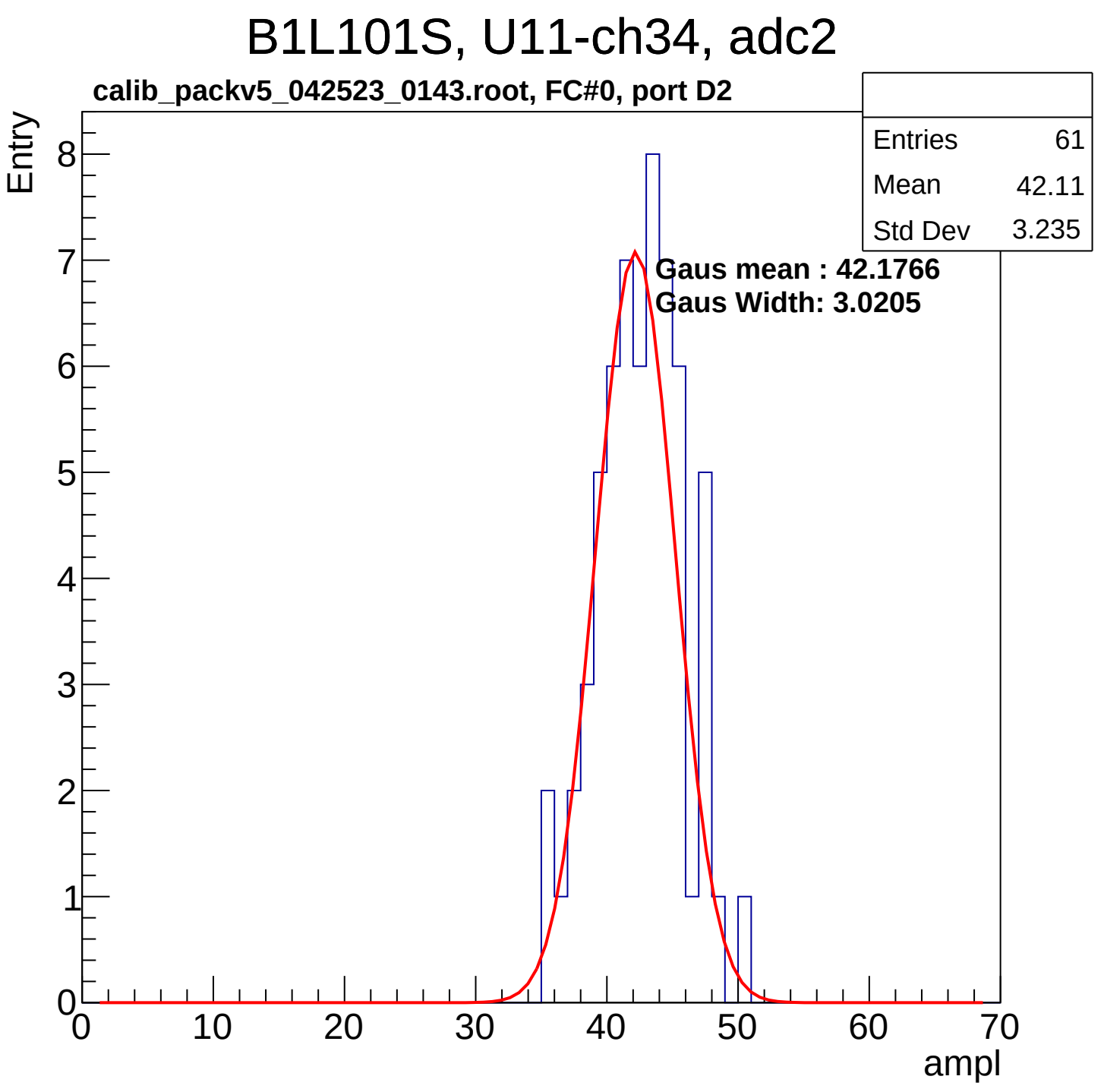

B1L101S, U11-ch34, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 36.11
Std Dev 3.326
Gaus mean : 36.8306
Gaus Width: 3.4780
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch34, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 42.11
Std Dev 3.235
Gaus mean : 42.1766
Gaus Width: 3.0205
Entry
ampl
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2
3
4
5
6
7
8
0
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20
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40
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60
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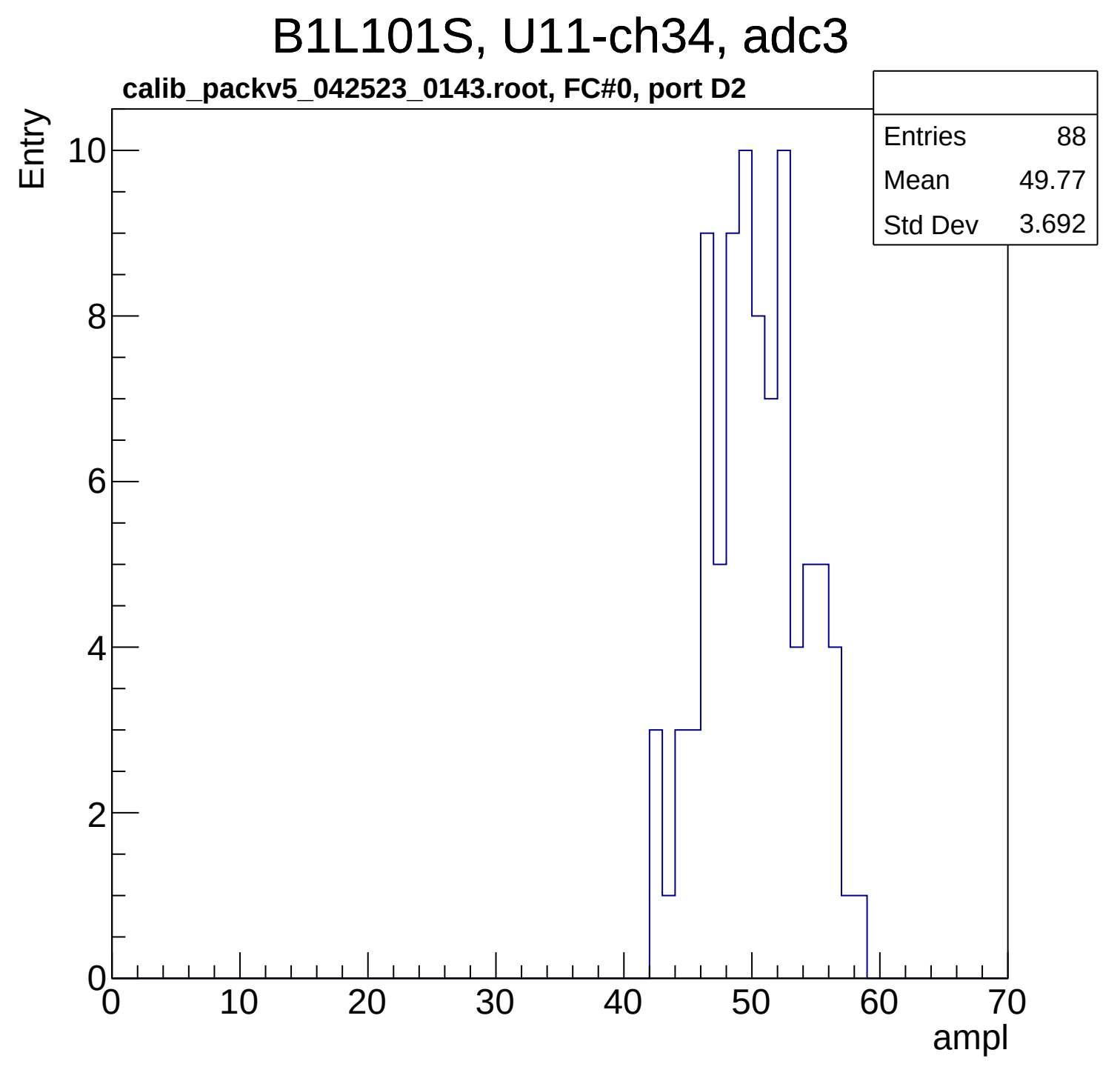
B1L101S, U11-ch34, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 88
Mean 49.77
Std Dev 3.692
Entry
ampl
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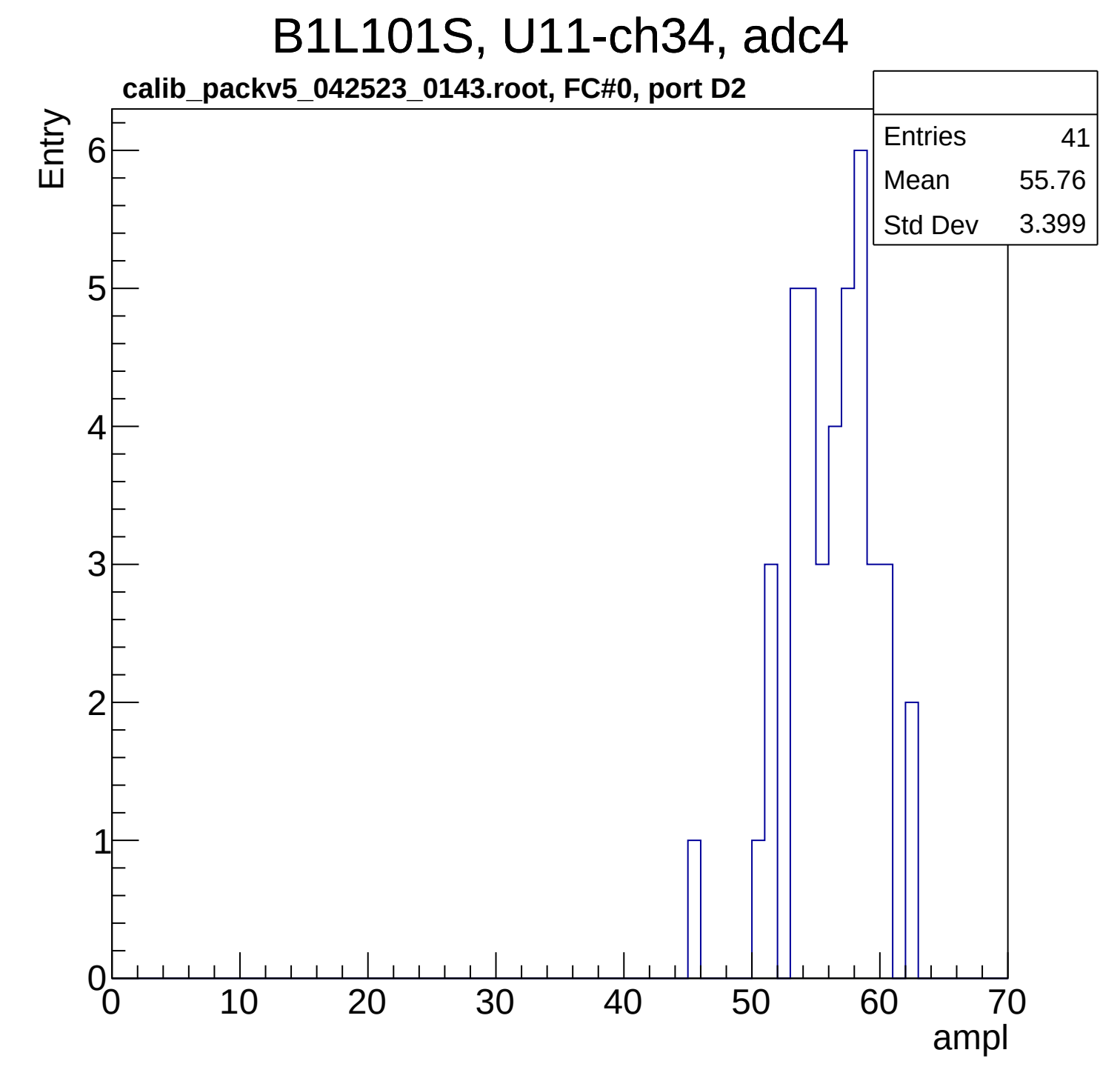
B1L101S, U11-ch34, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 41
Mean 55.76
Std Dev 3.399
Entry
ampl
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3
4
5
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0
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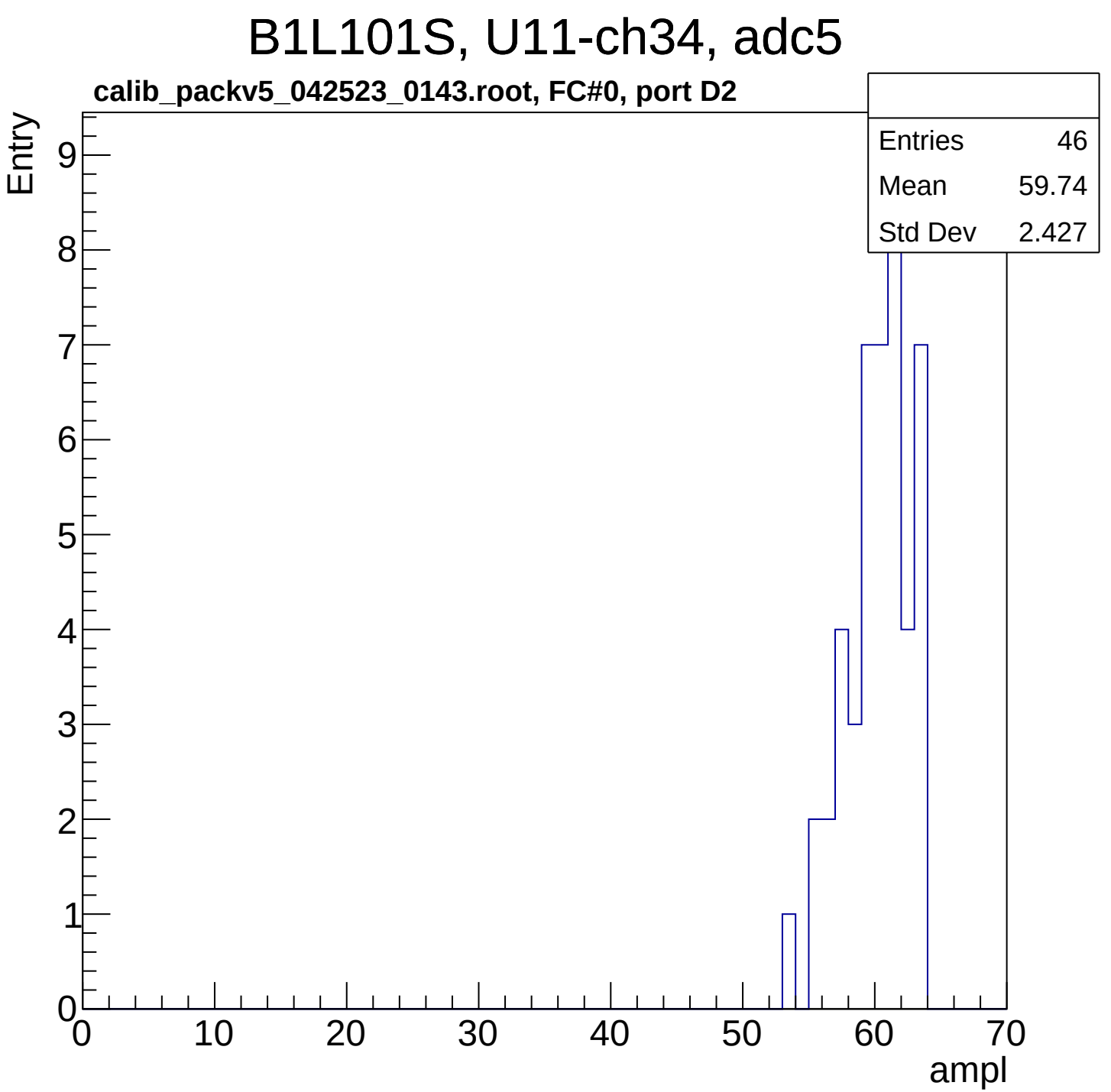
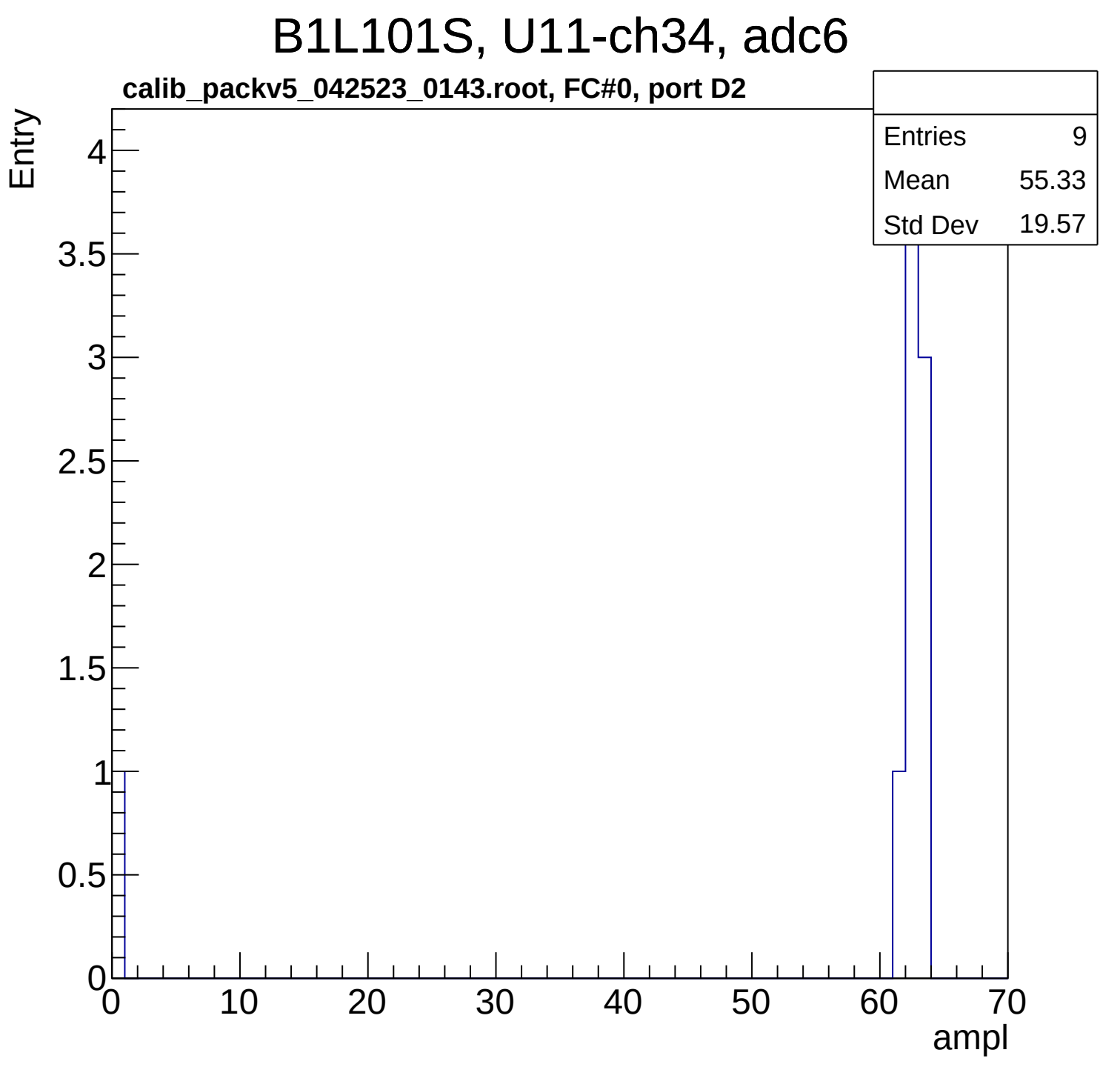
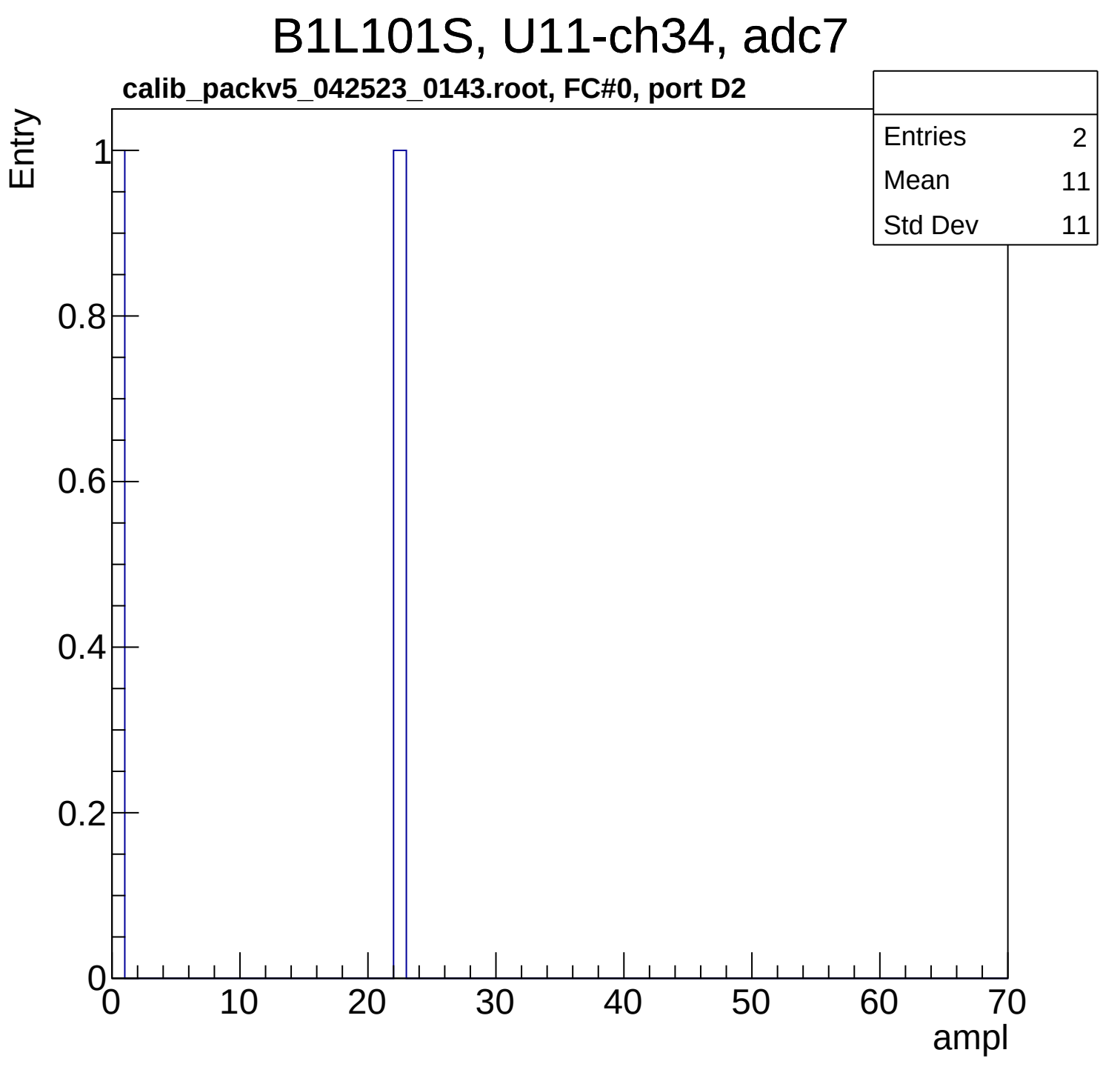
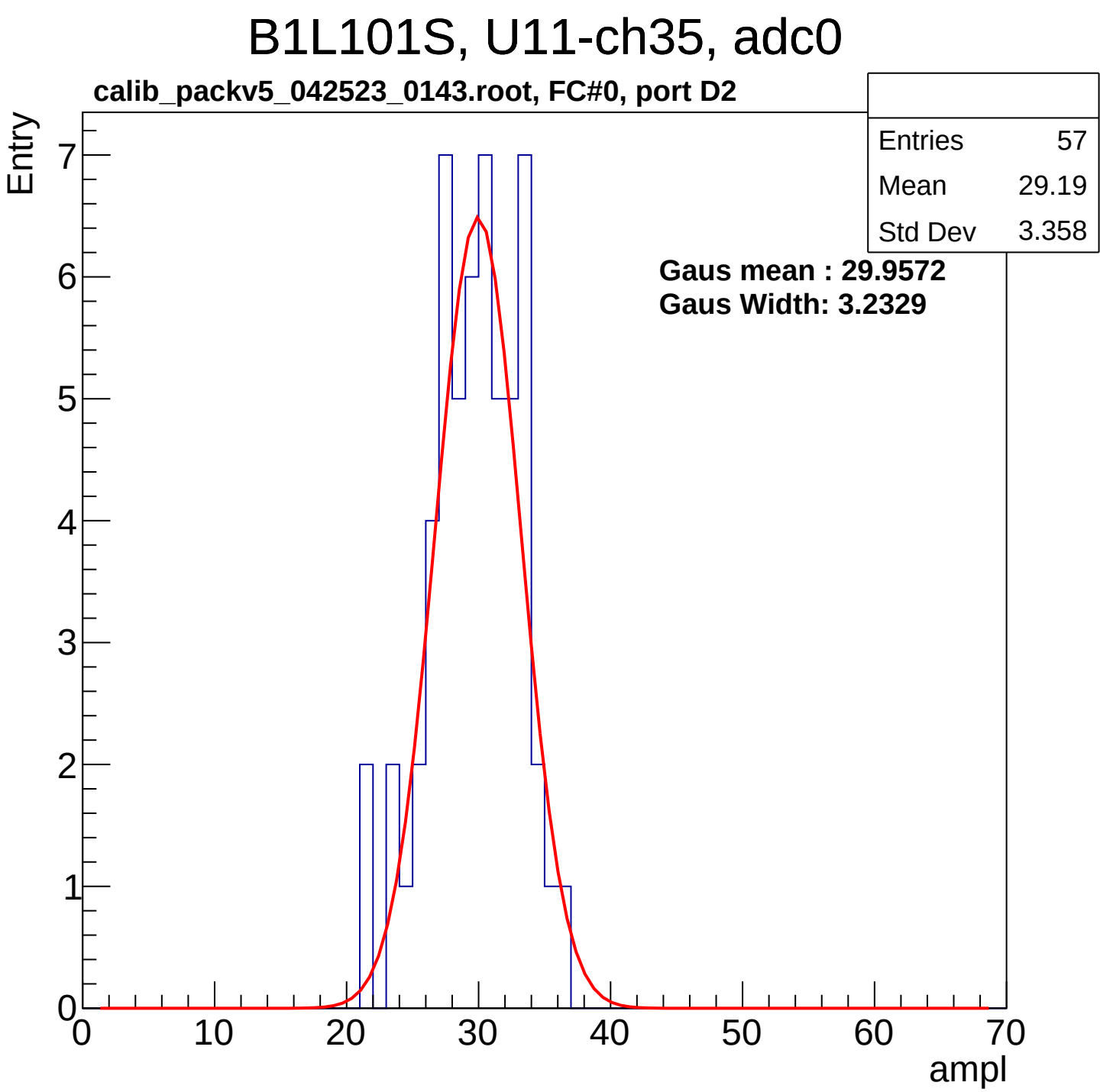
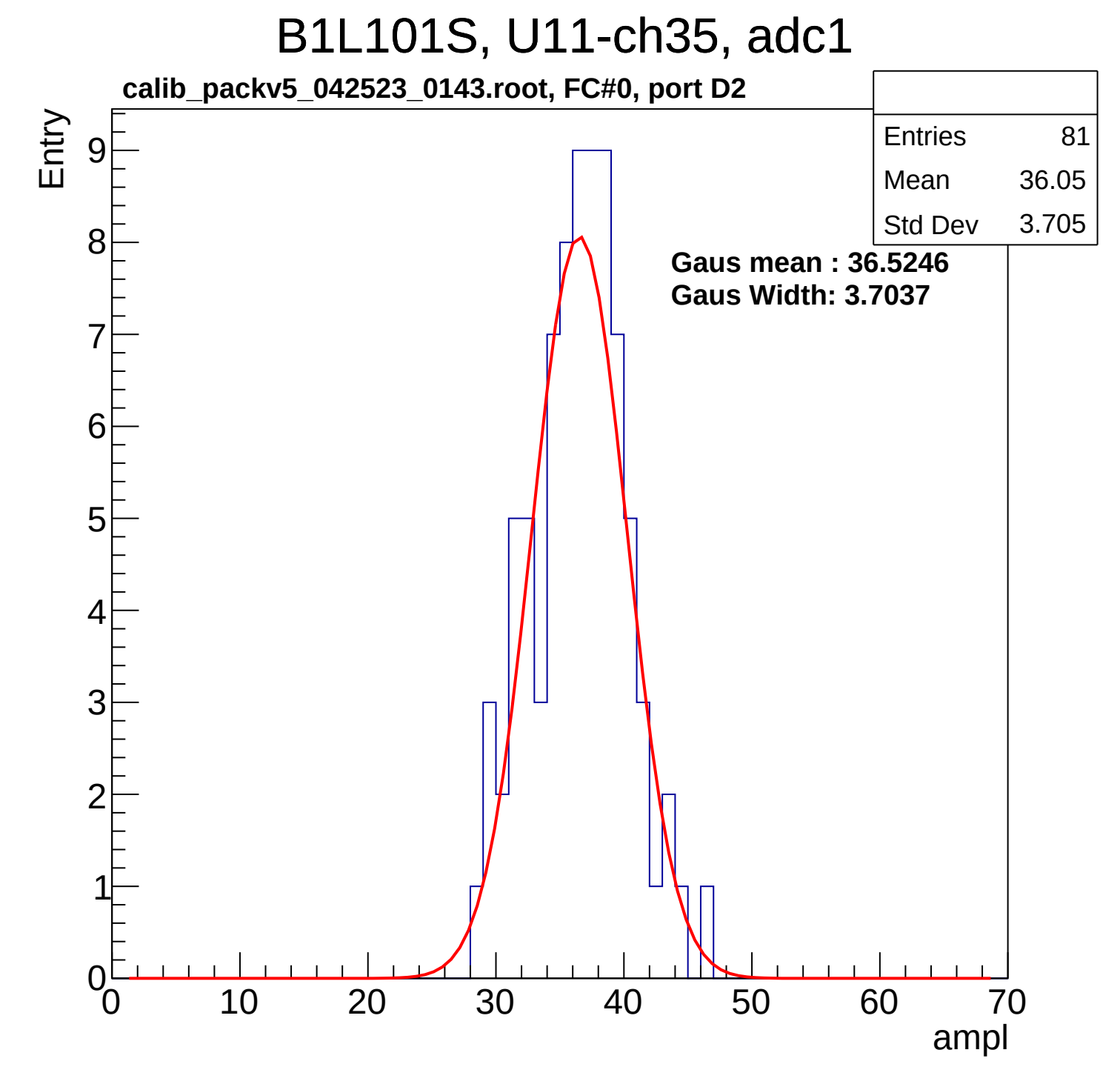

B1L101S, U11-ch34, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 46
Mean 59.74
Std Dev 2.427
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch34, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 9
Mean 55.33
Std Dev 19.57
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L101S, U11-ch34, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch35, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 29.19
Std Dev 3.358
Gaus mean : 29.9572
Gaus Width: 3.2329
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch35, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 81
Mean 36.05
Std Dev 3.705
Gaus mean : 36.5246
Gaus Width: 3.7037
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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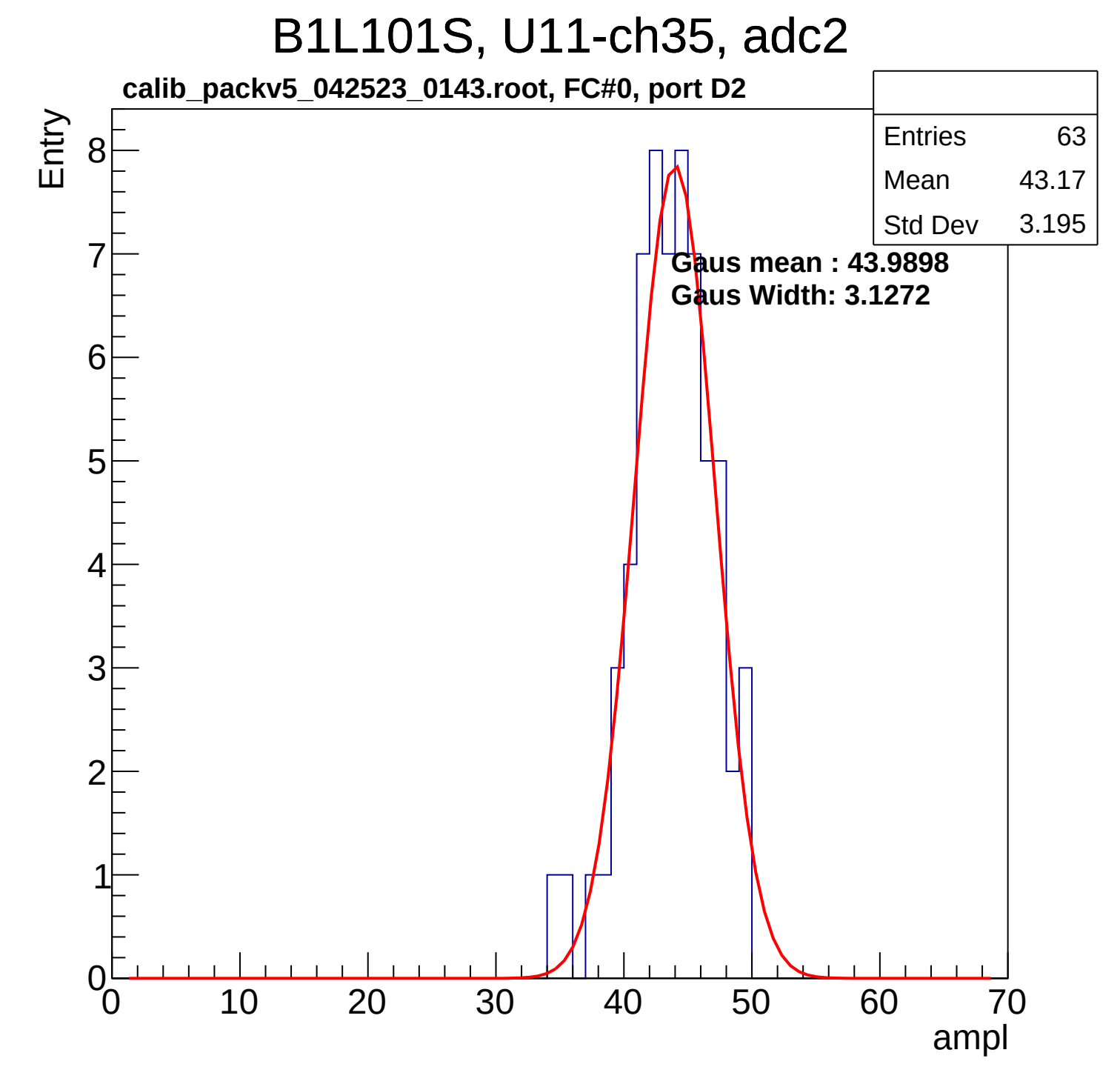
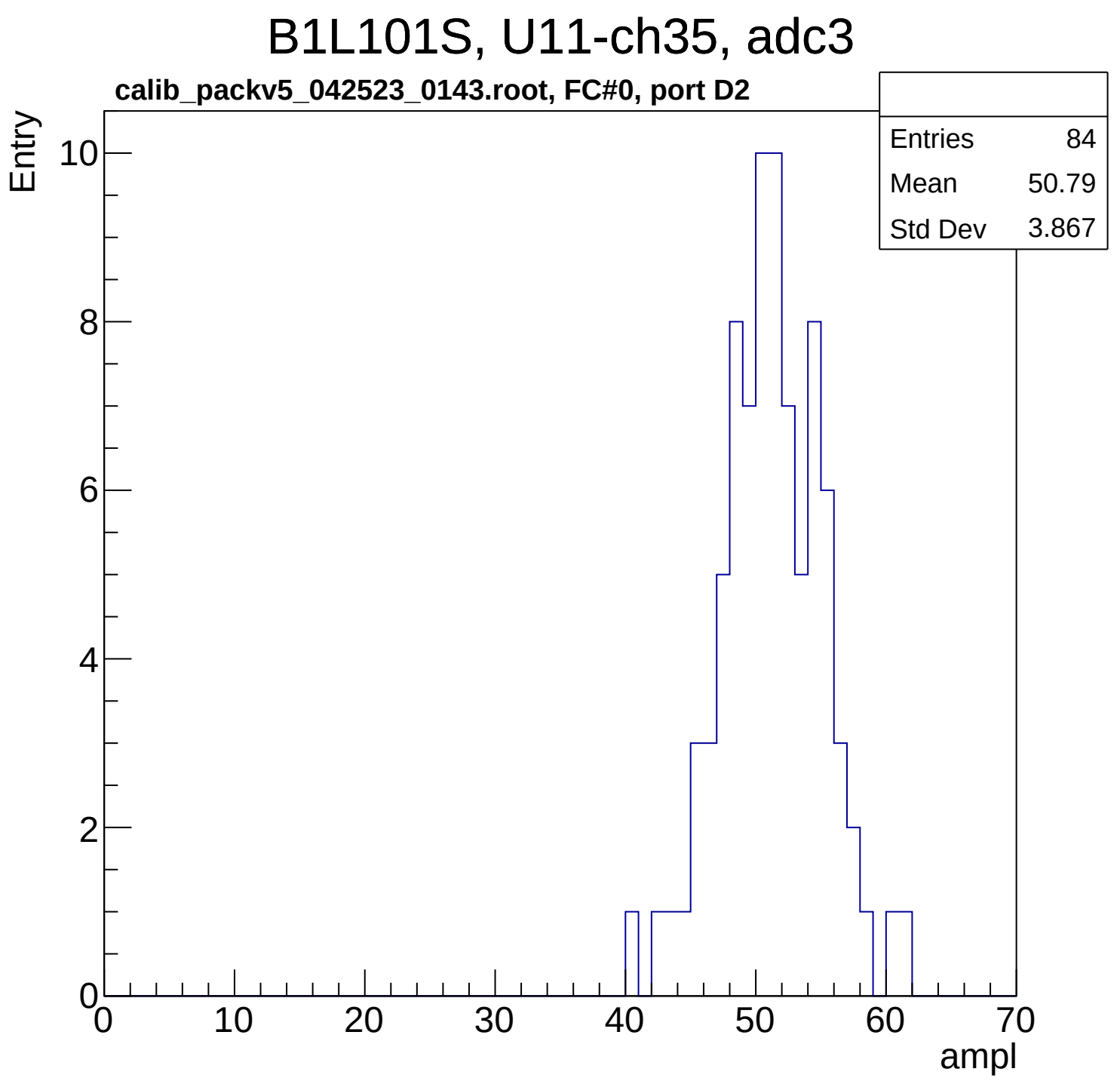
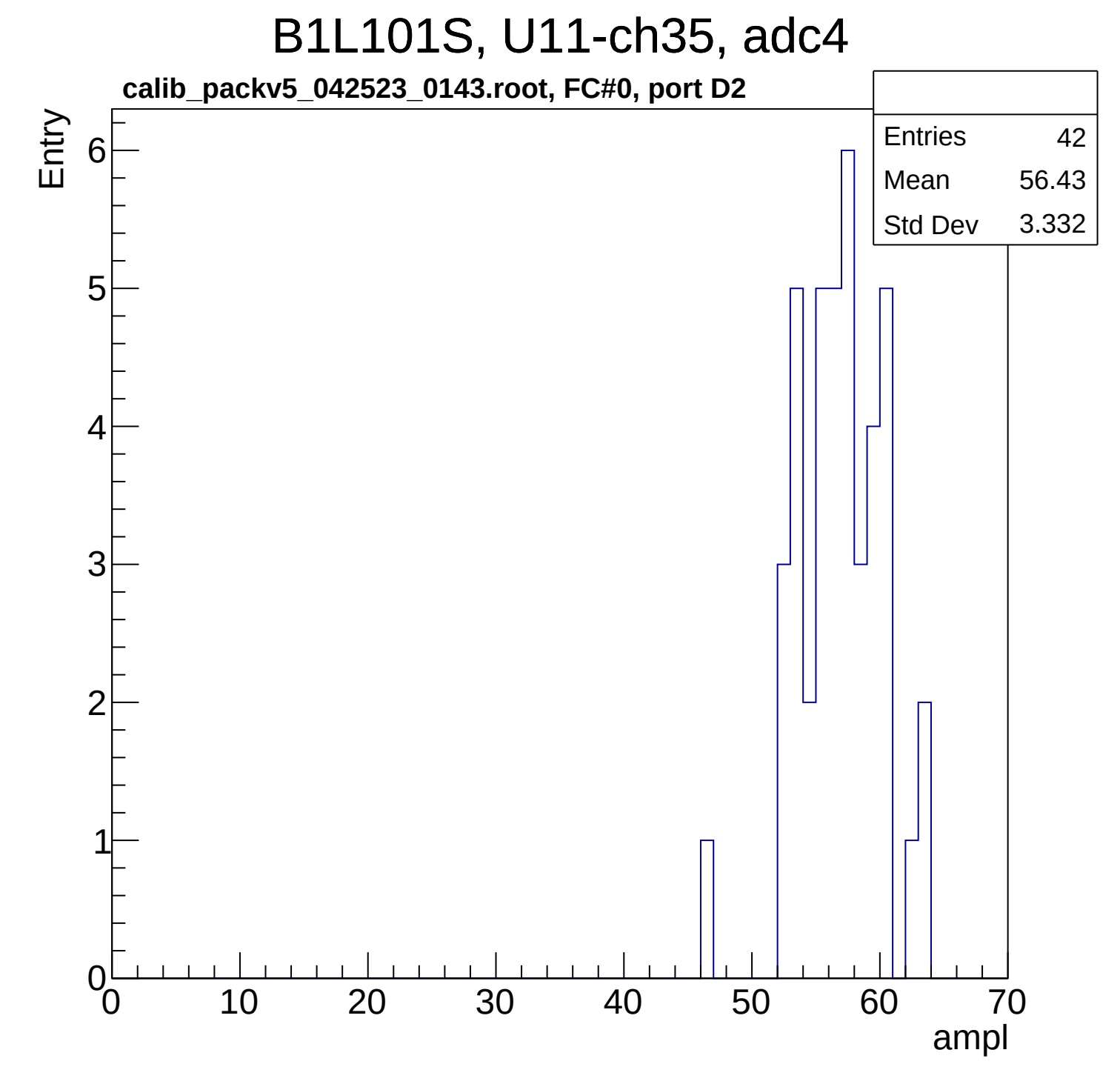
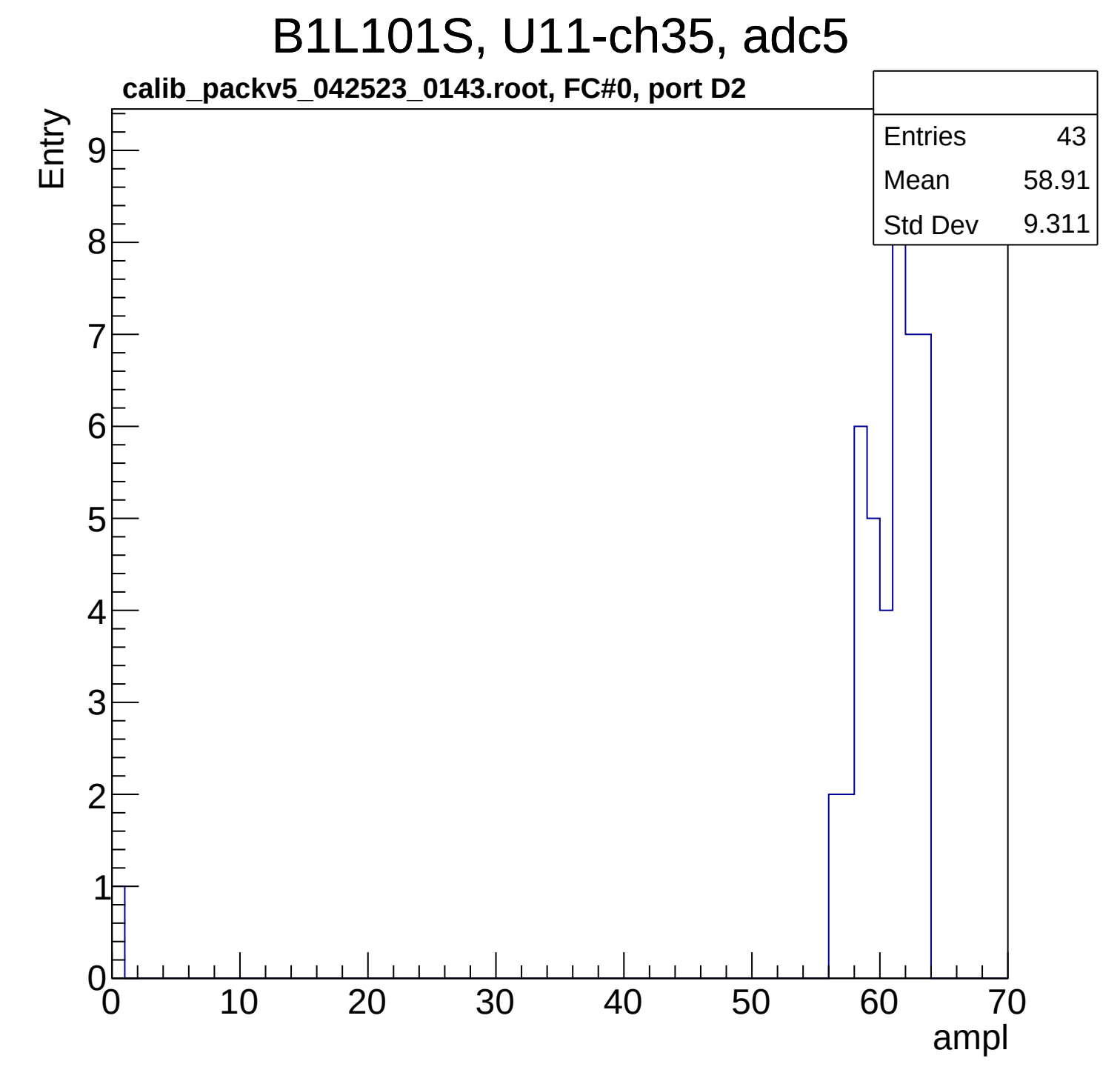

B1L101S, U11-ch35, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 43.17
Std Dev 3.195
Gaus mean : 43.9898
Gaus Width: 3.1272
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch35, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 84
Mean 50.79
Std Dev 3.867
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch35, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 42
Mean 56.43
Std Dev 3.332
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L101S, U11-ch35, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 43
Mean 58.91
Std Dev 9.311
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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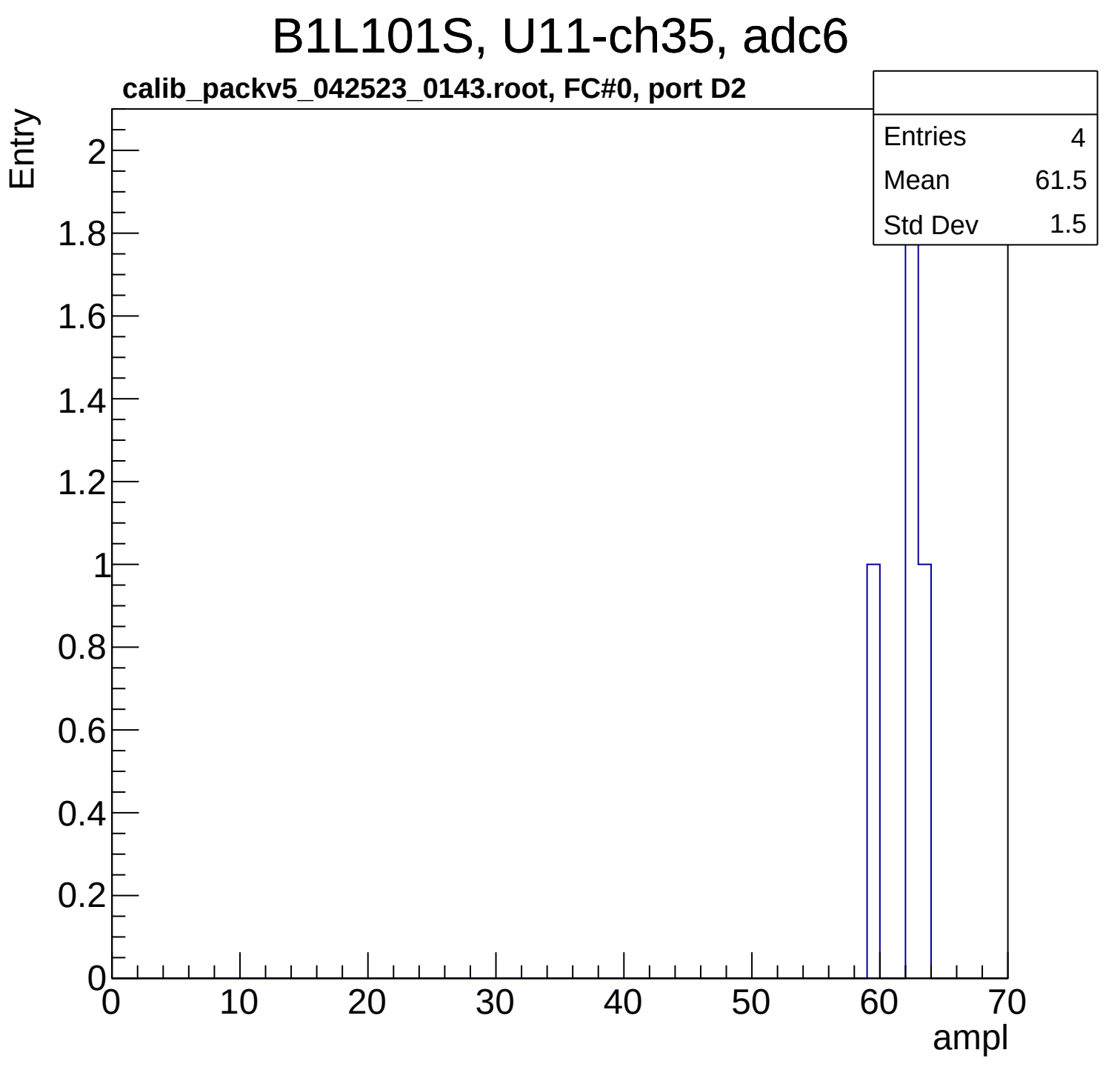
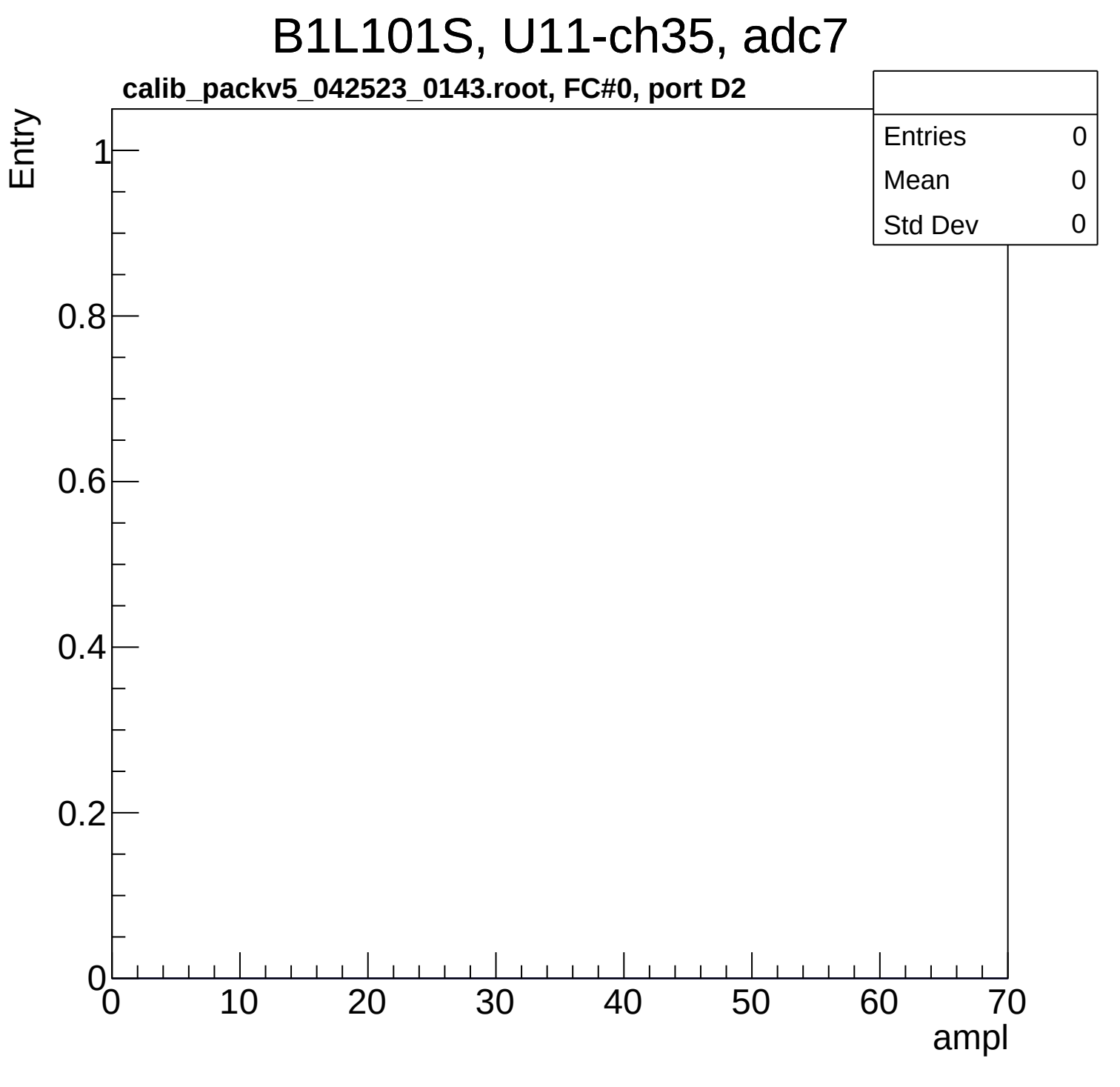
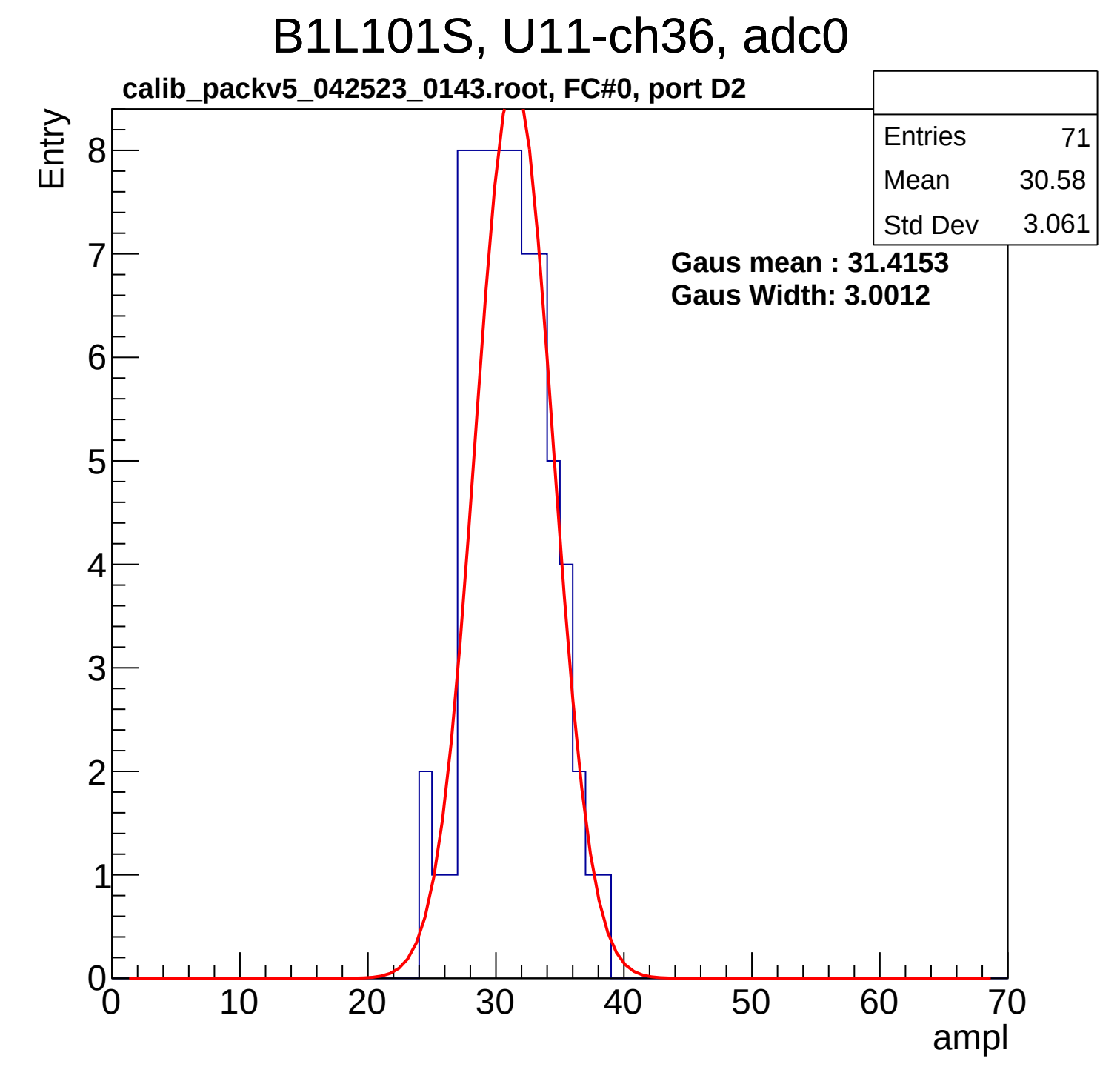
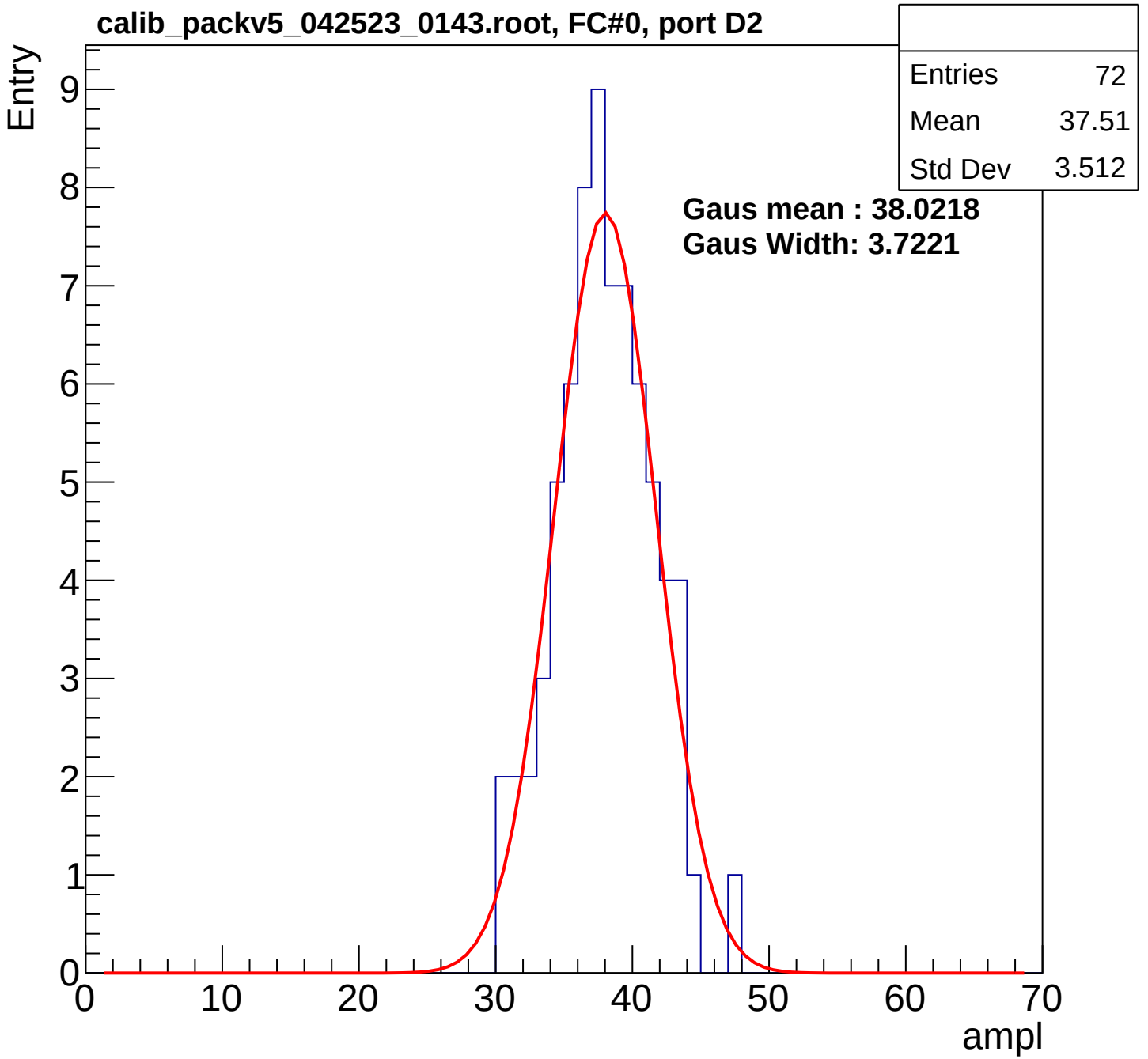

B1L101S, U11-ch35, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 61.5
Std Dev 1.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U11-ch35, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch36, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 30.58
Std Dev 3.061
Gaus mean : 31.4153
Gaus Width: 3.0012
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch36, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 37.51
Std Dev 3.512
Gaus mean : 38.0218
Gaus Width: 3.7221
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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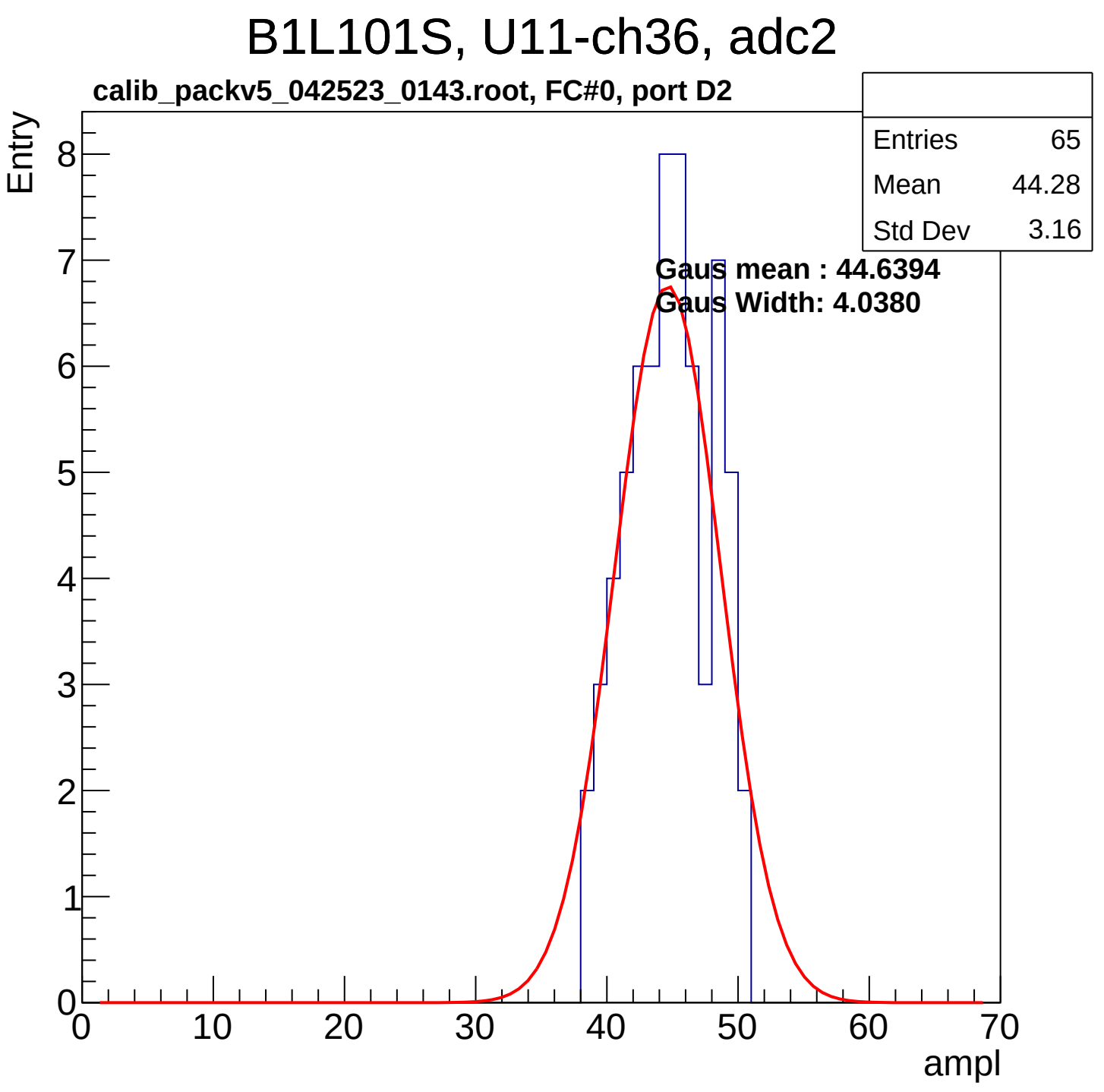
B1L101S, U11-ch36, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 44.28
Std Dev 3.16
Gaus mean : 44.6394
Gaus Width: 4.0380
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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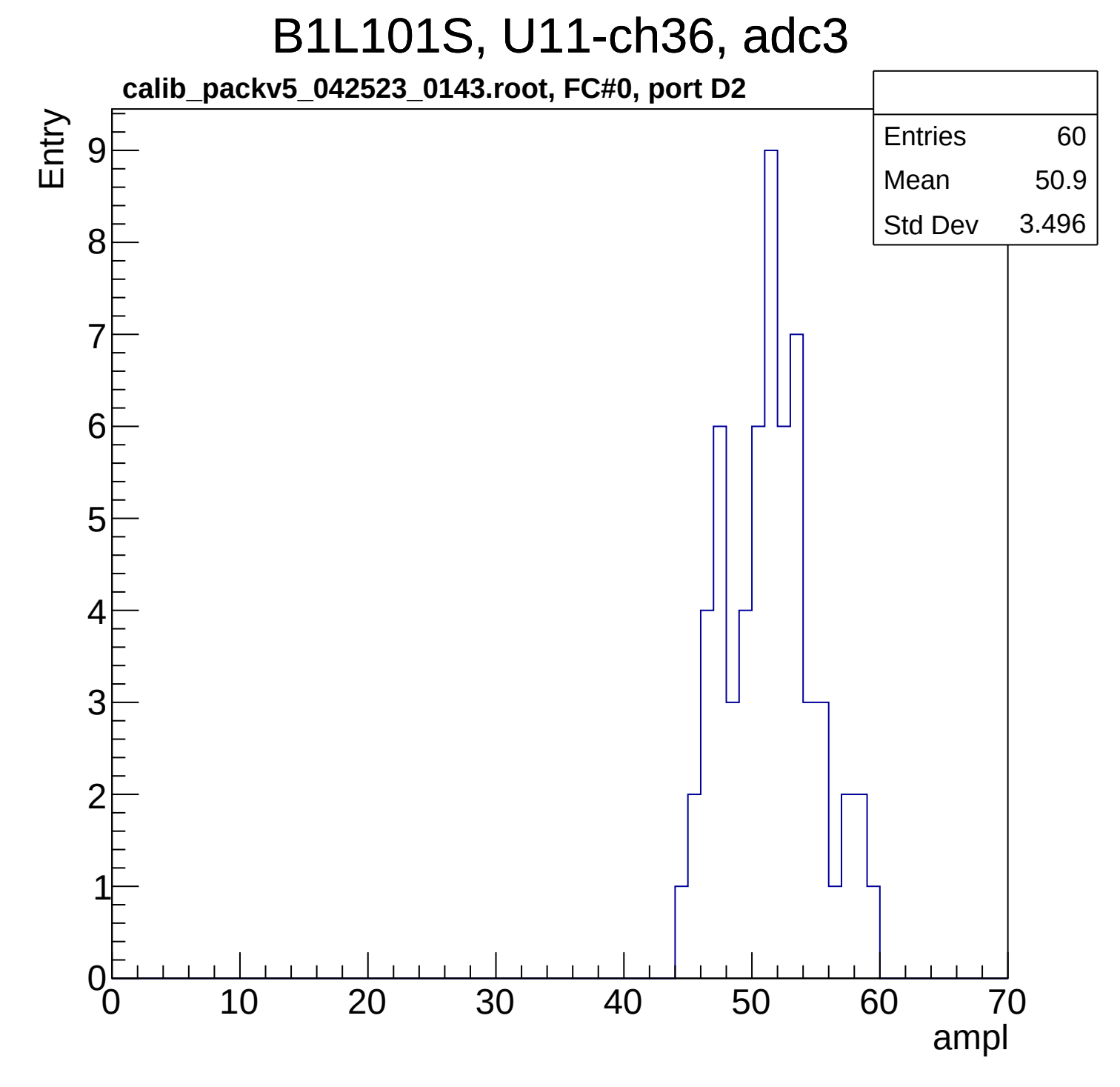
B1L101S, U11-ch36, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 50.9
Std Dev 3.496
Entry
ampl
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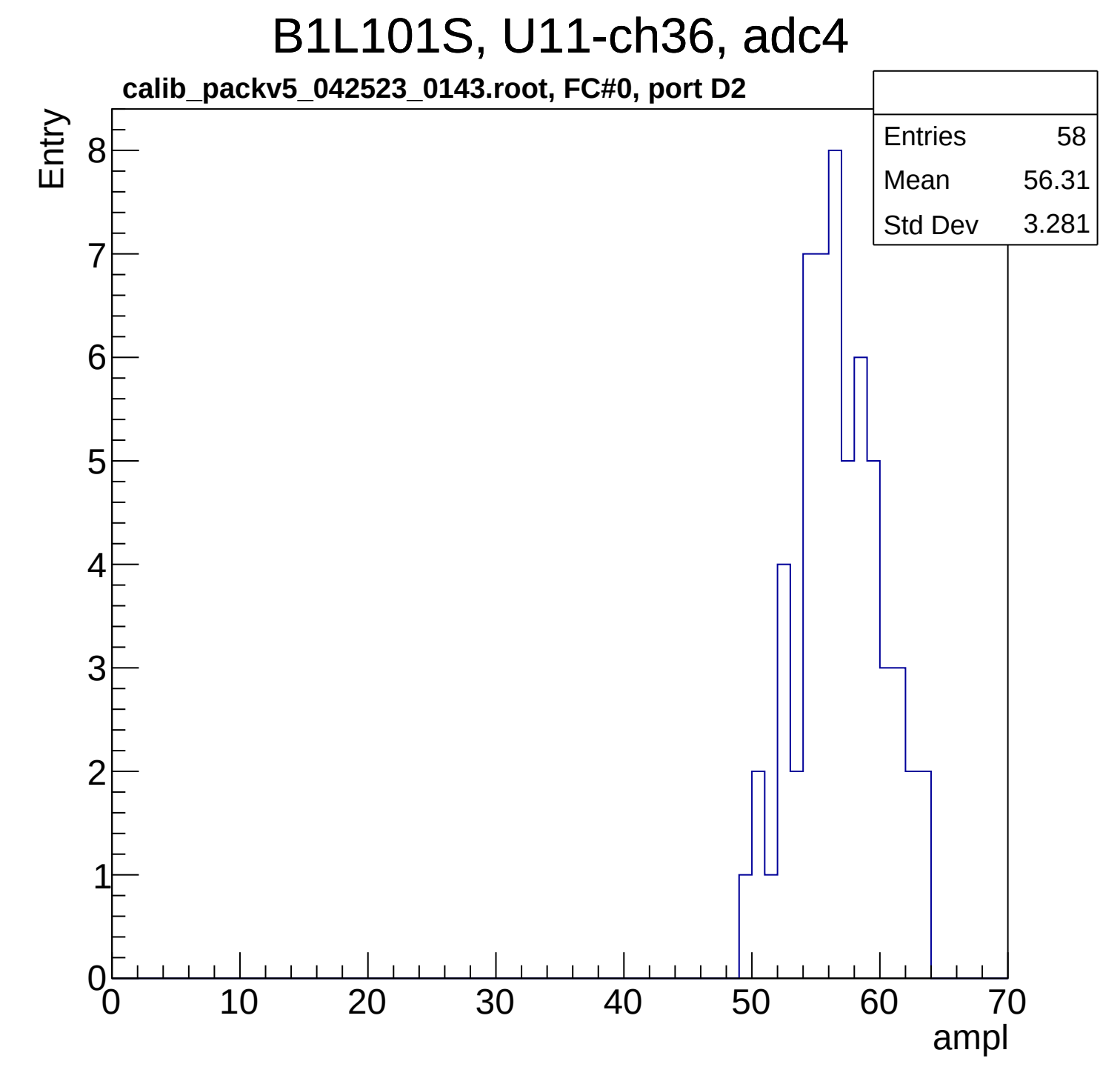
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch36, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 56.31
Std Dev 3.281
Entry
ampl
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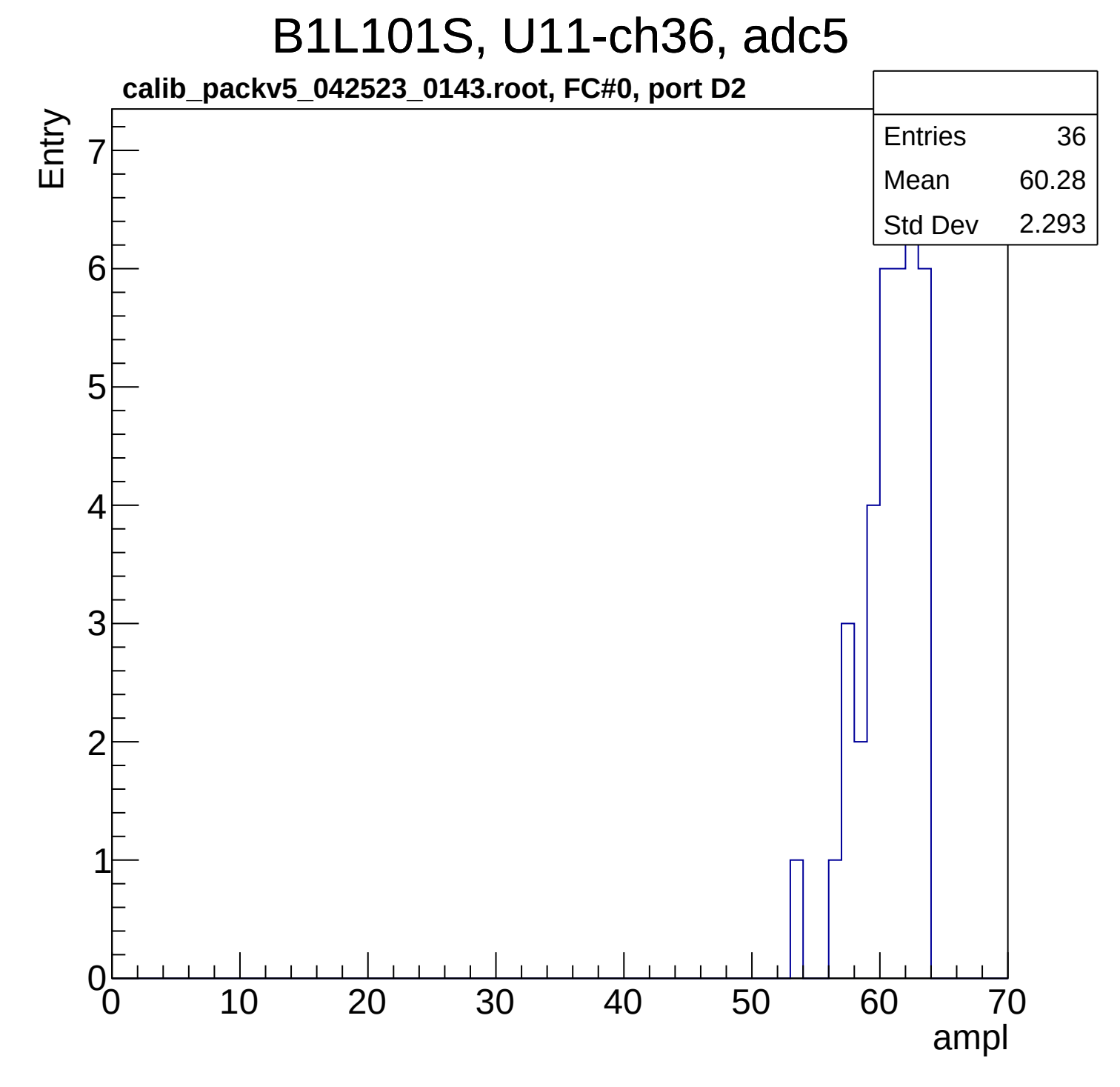
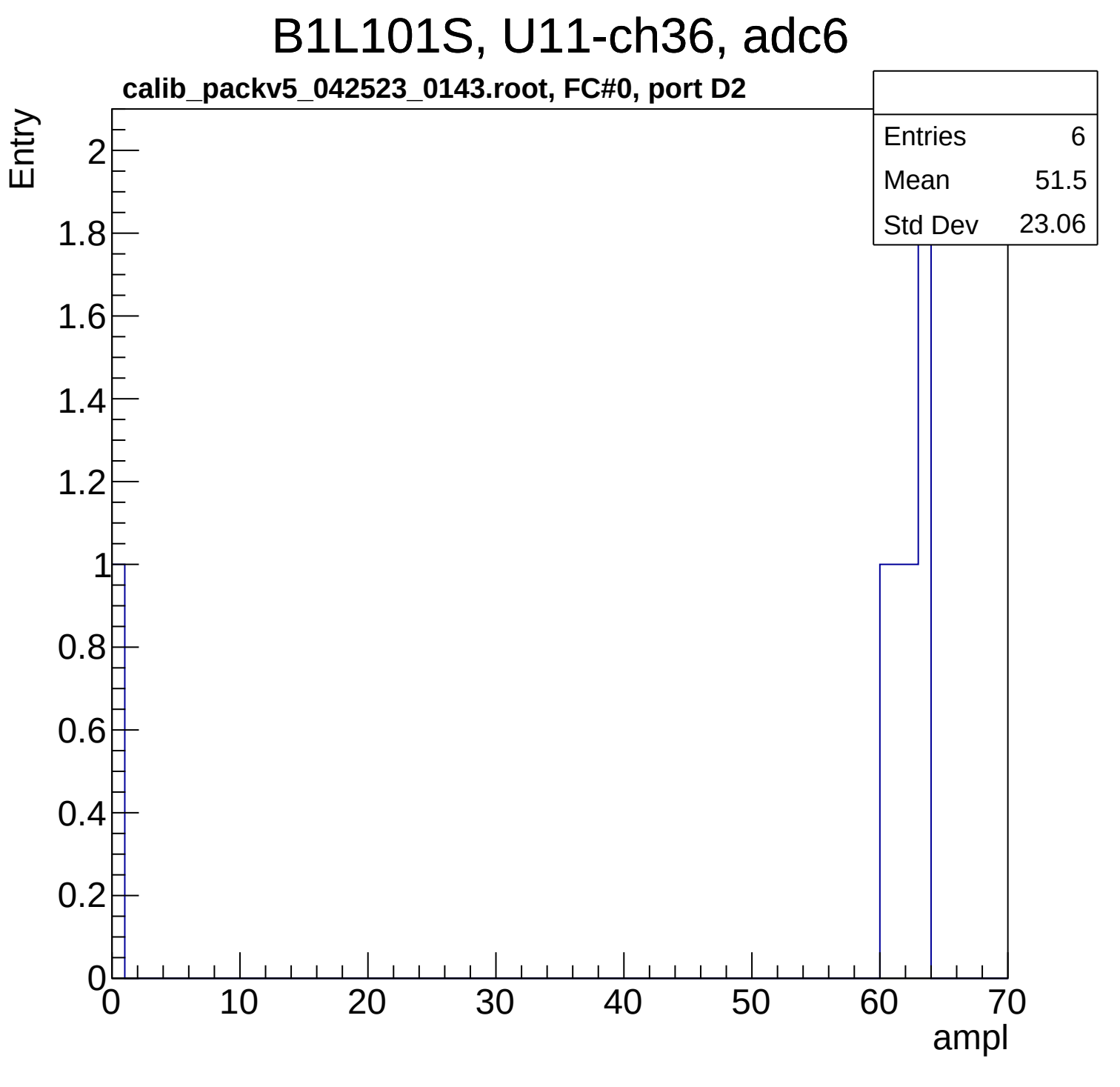
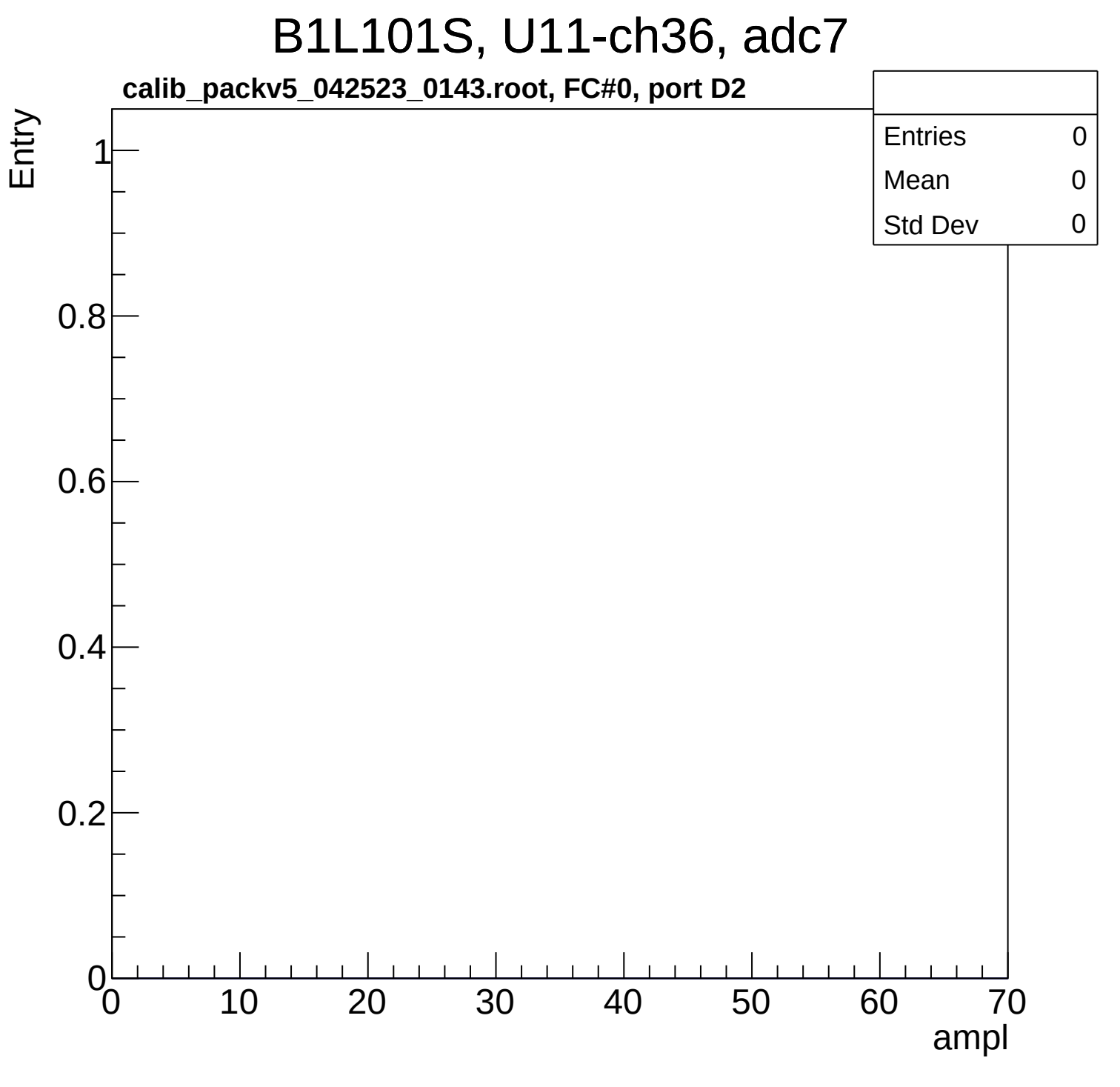
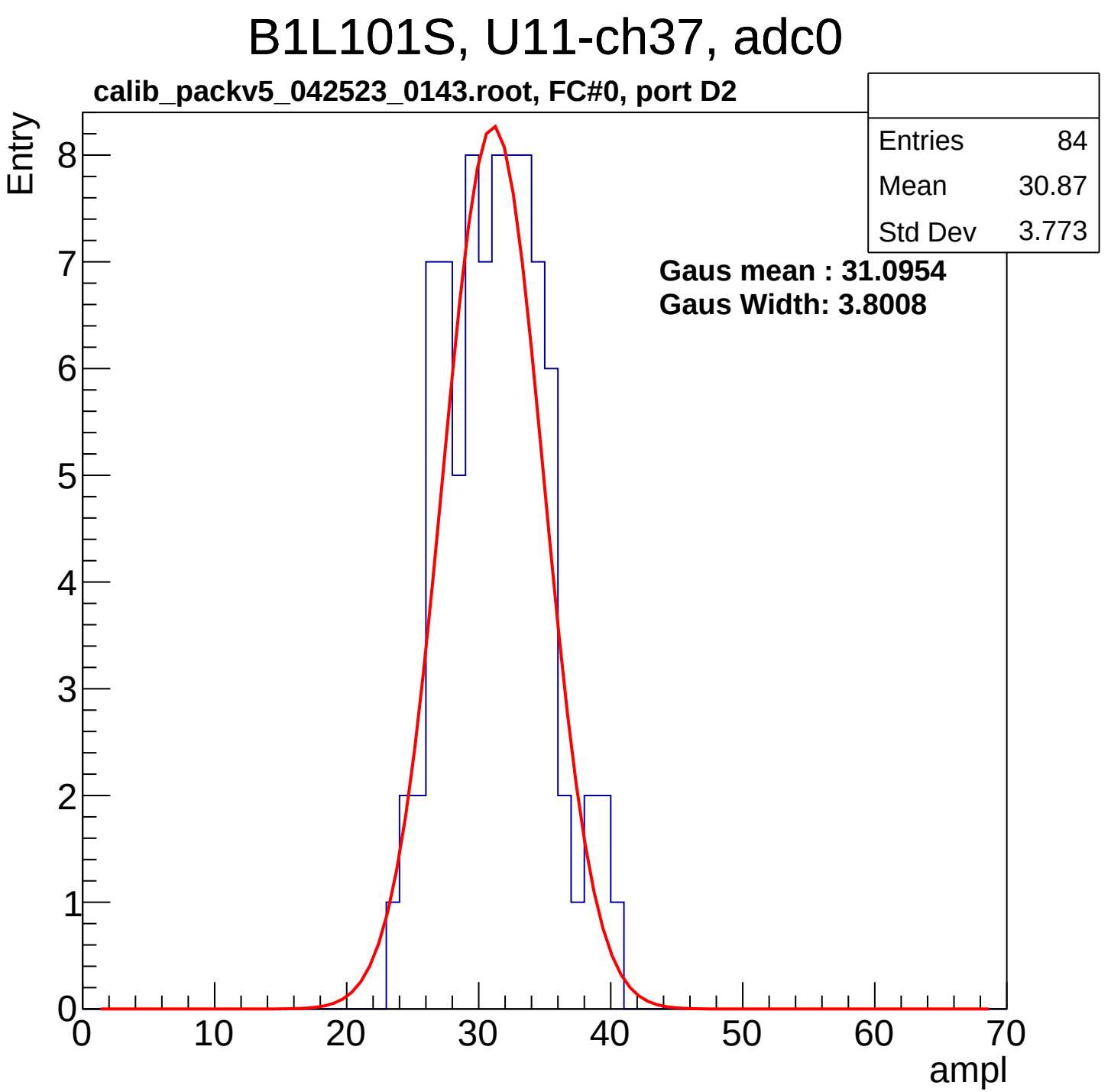
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch36, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 36
Mean 60.28
Std Dev 2.293
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch36, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 6
Mean 51.5
Std Dev 23.06
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
70


B1L101S, U11-ch36, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch37, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 84
Mean 30.87
Std Dev 3.773
Gaus mean : 31.0954
Gaus Width: 3.8008
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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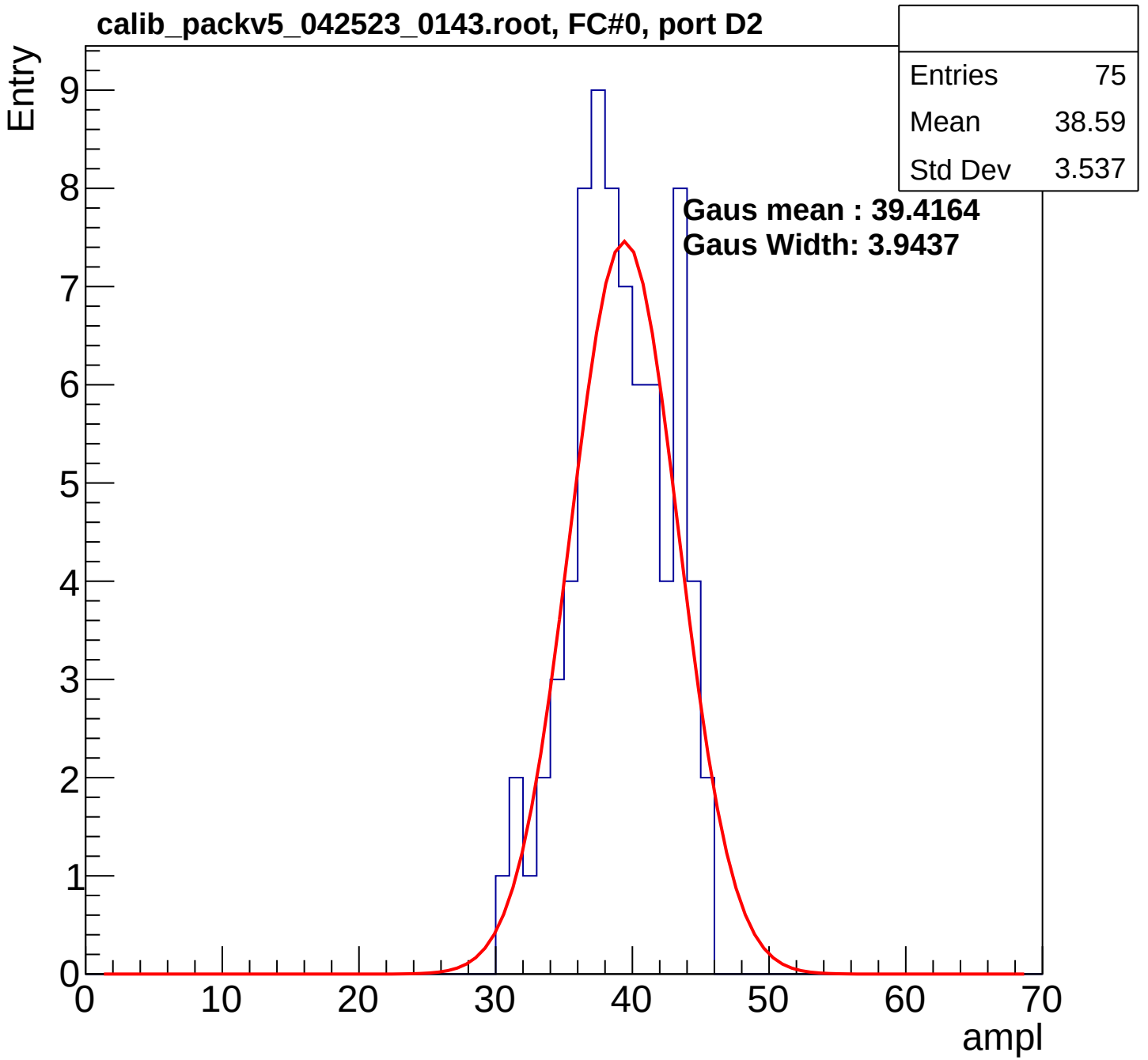
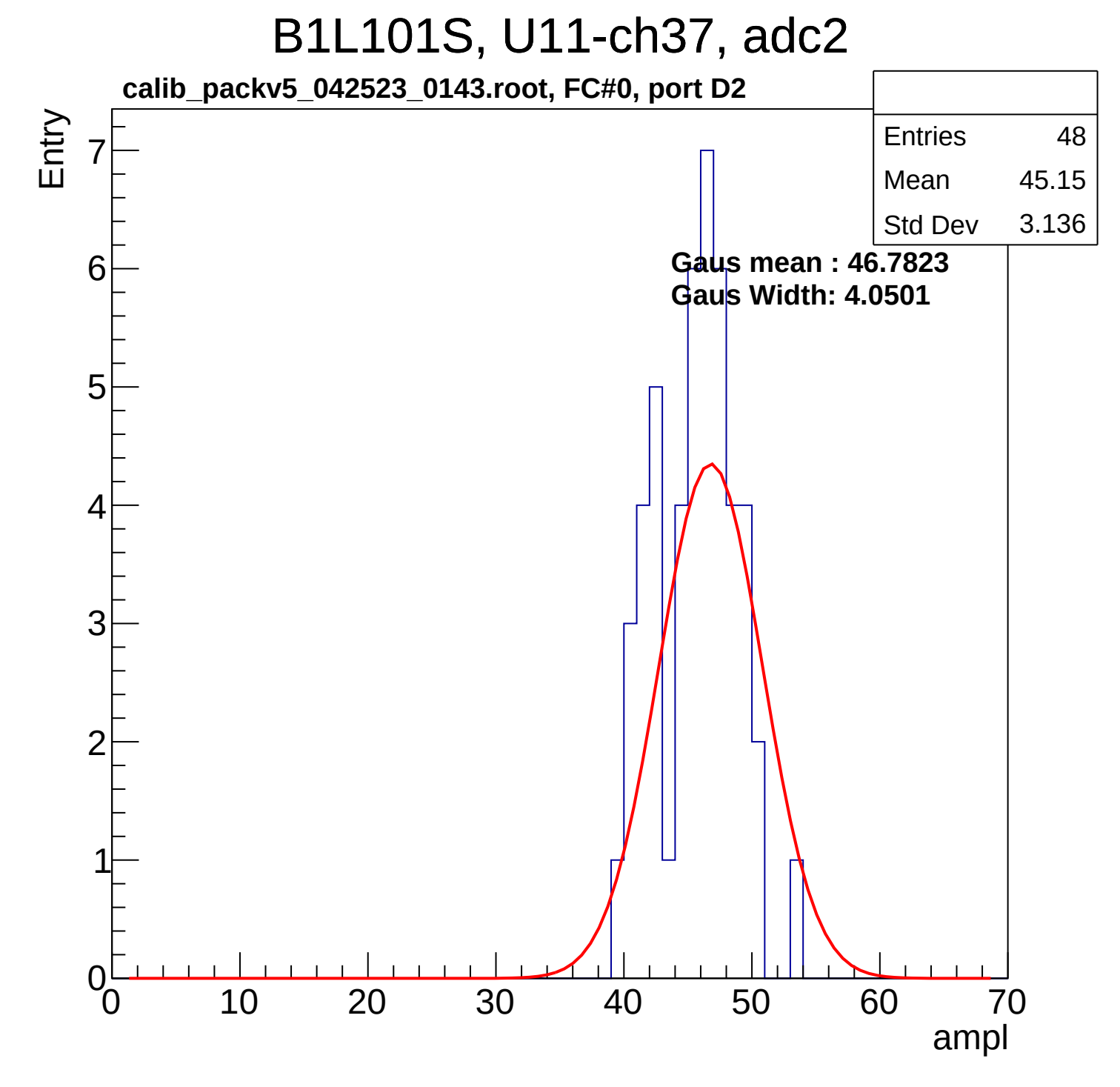
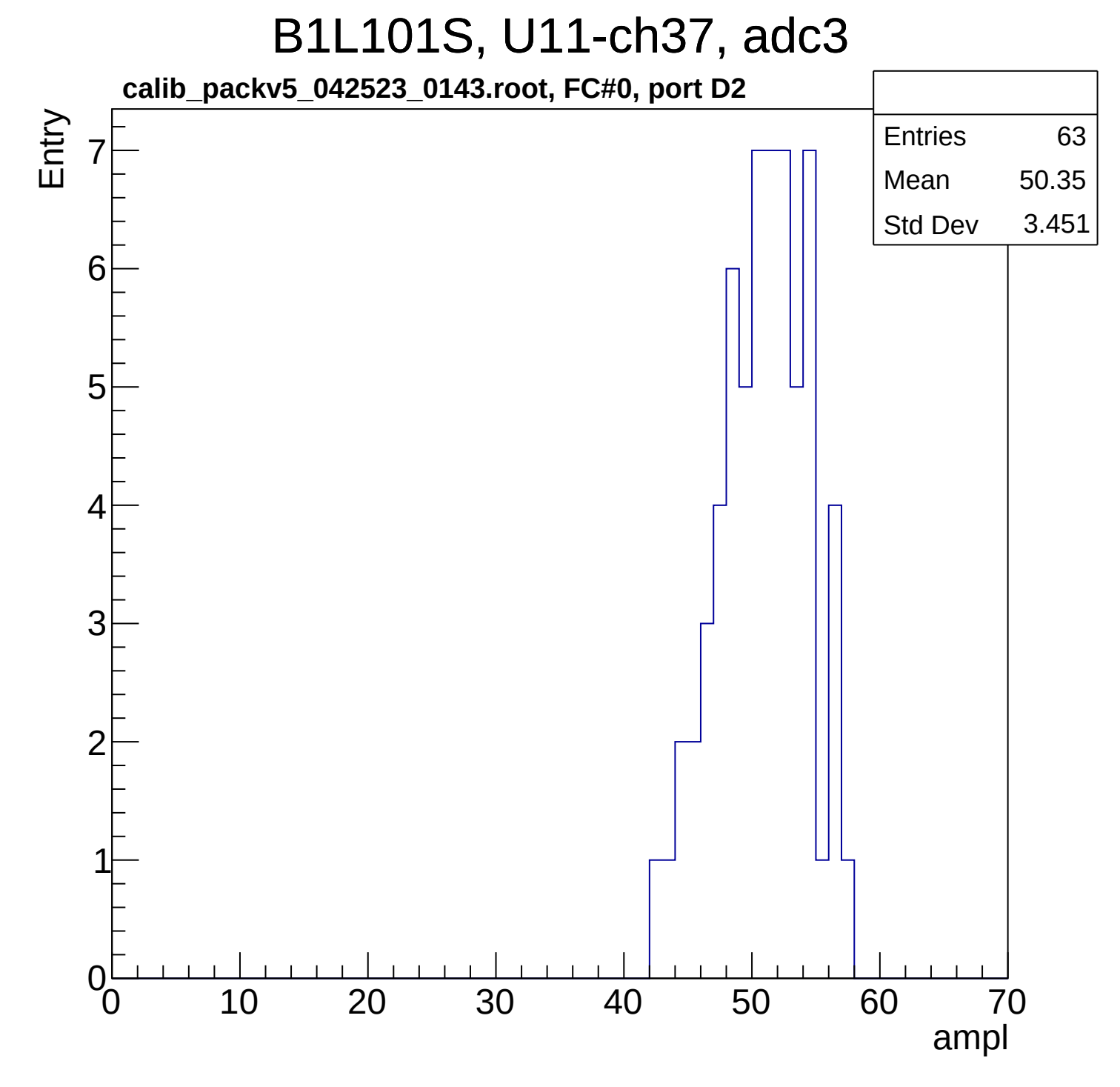

B1L101S, U11-ch37, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 75
Mean 38.59
Std Dev 3.537
Gaus mean : 39.4164
Gaus Width: 3.9437
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L101S, U11-ch37, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 48
Mean 45.15
Std Dev 3.136
Gaus mean : 46.7823
Gaus Width: 4.0501
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch37, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 50.35
Std Dev 3.451
Entry
ampl
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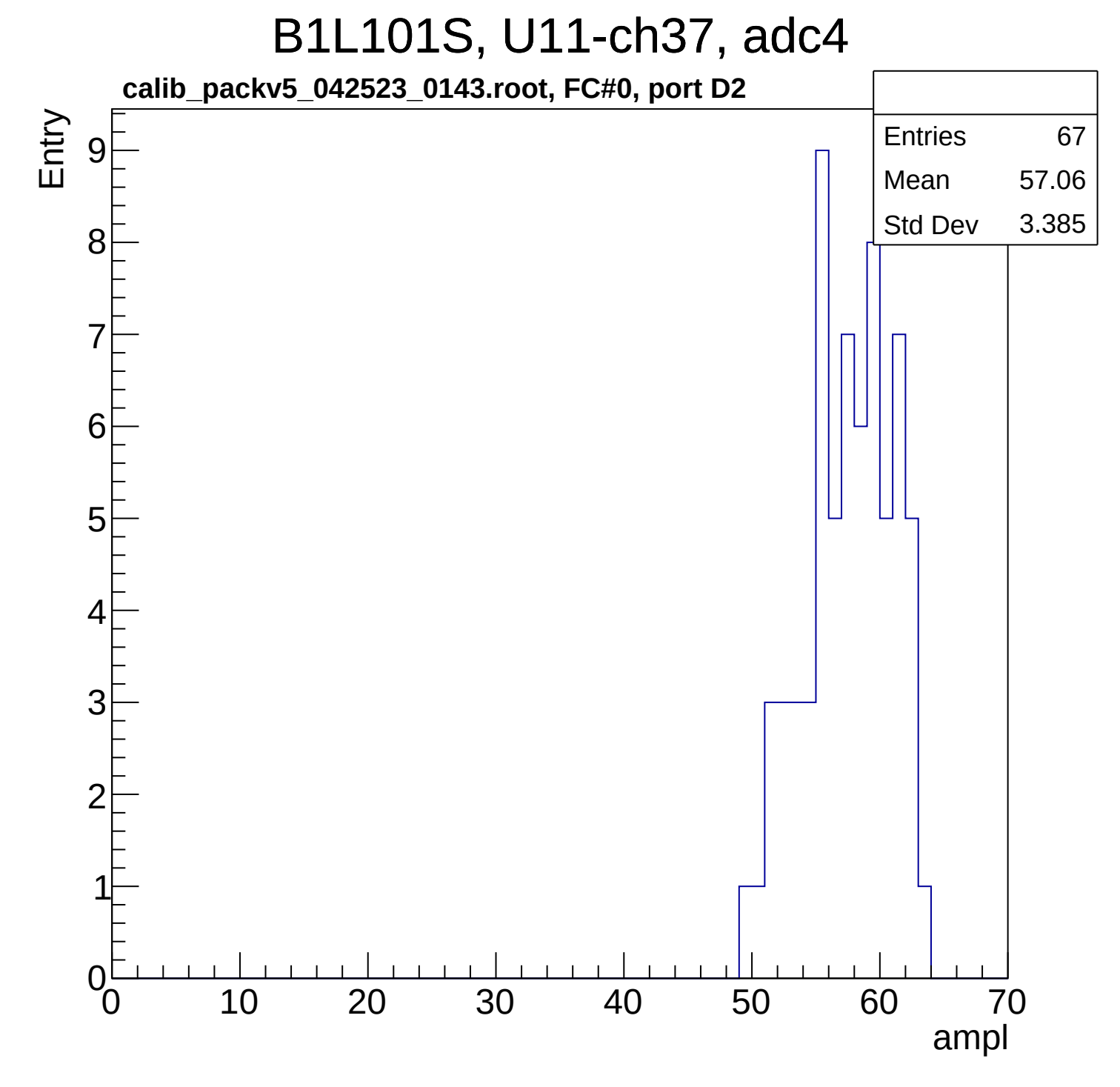
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch37, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 57.06
Std Dev 3.385
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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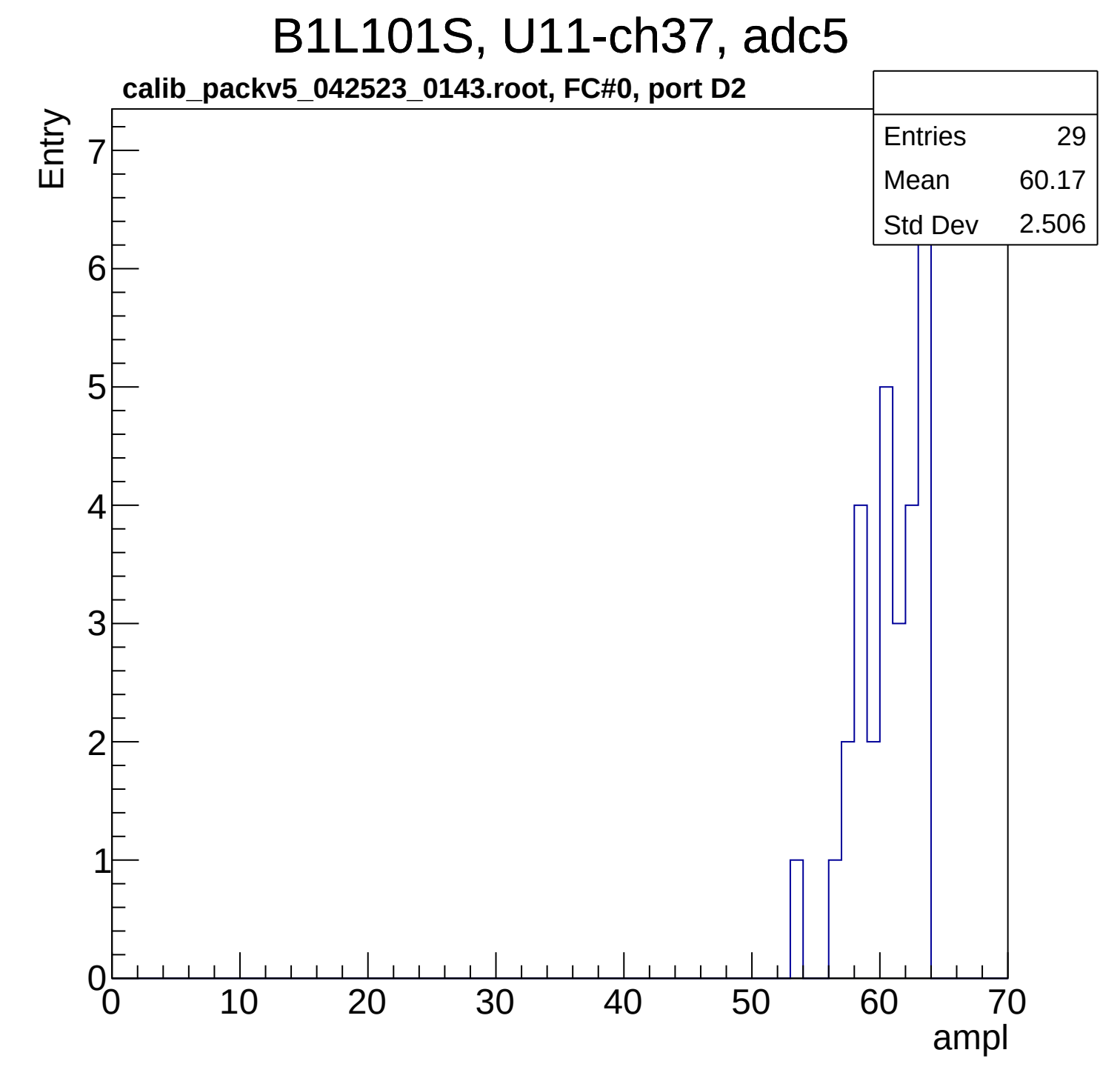
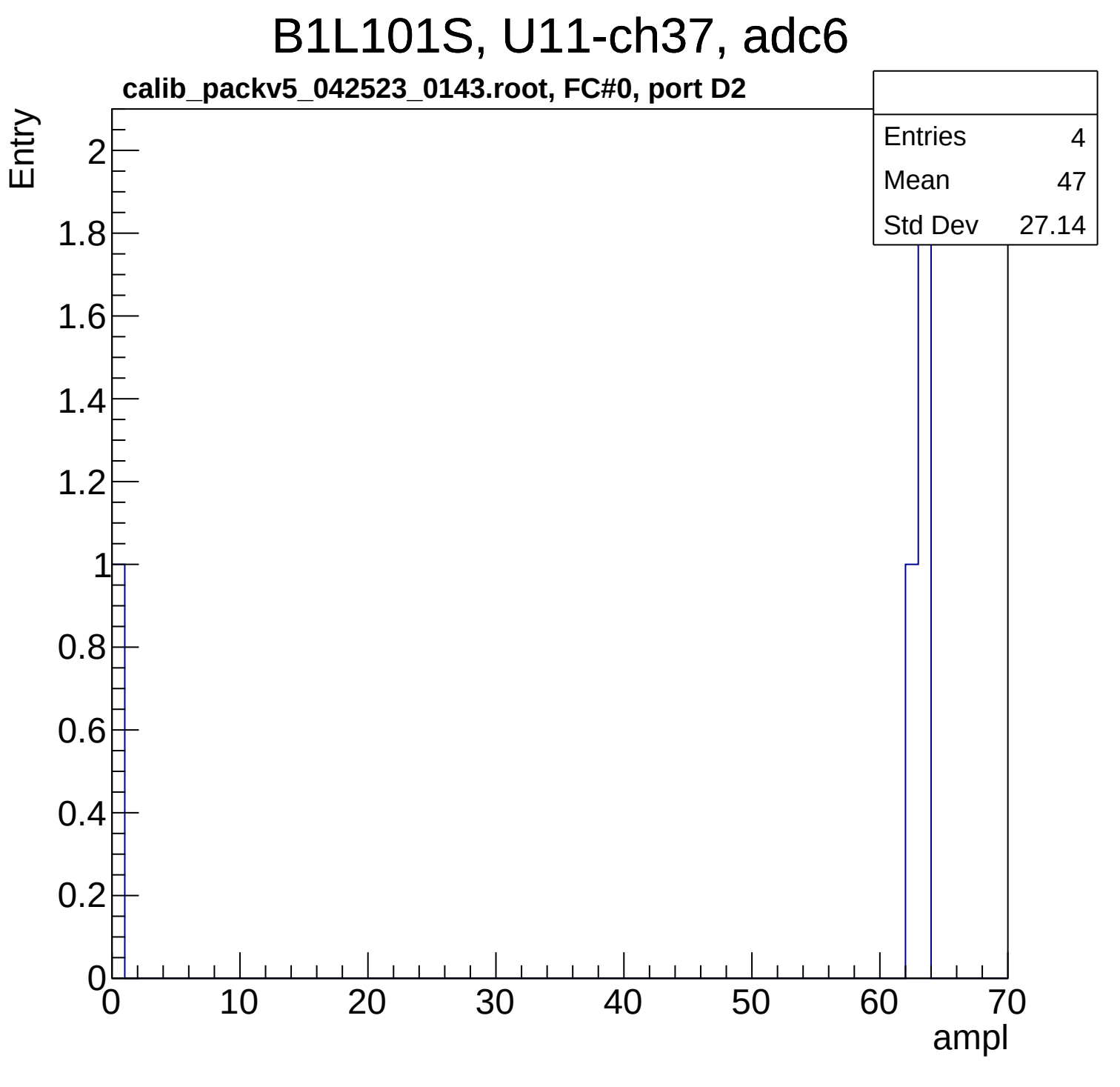
40
50
60
70


B1L101S, U11-ch37, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 29
Mean 60.17
Std Dev 2.506
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch37, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 47
Std Dev 27.14
Entry
ampl
0
0.2
0.4
0.6
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1.4
1.6
1.8
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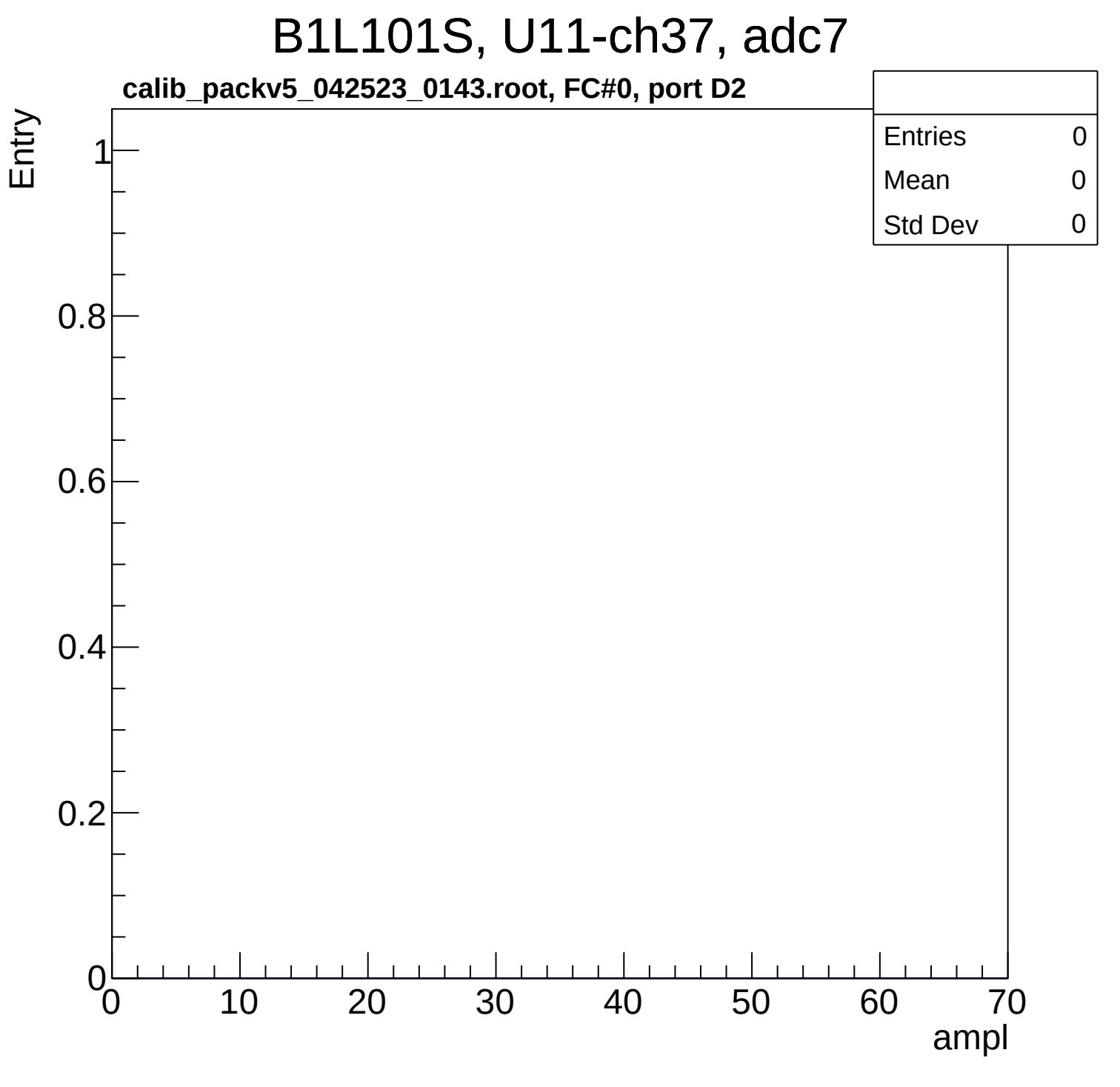
20
30
40
50
60
70


B1L101S, U11-ch37, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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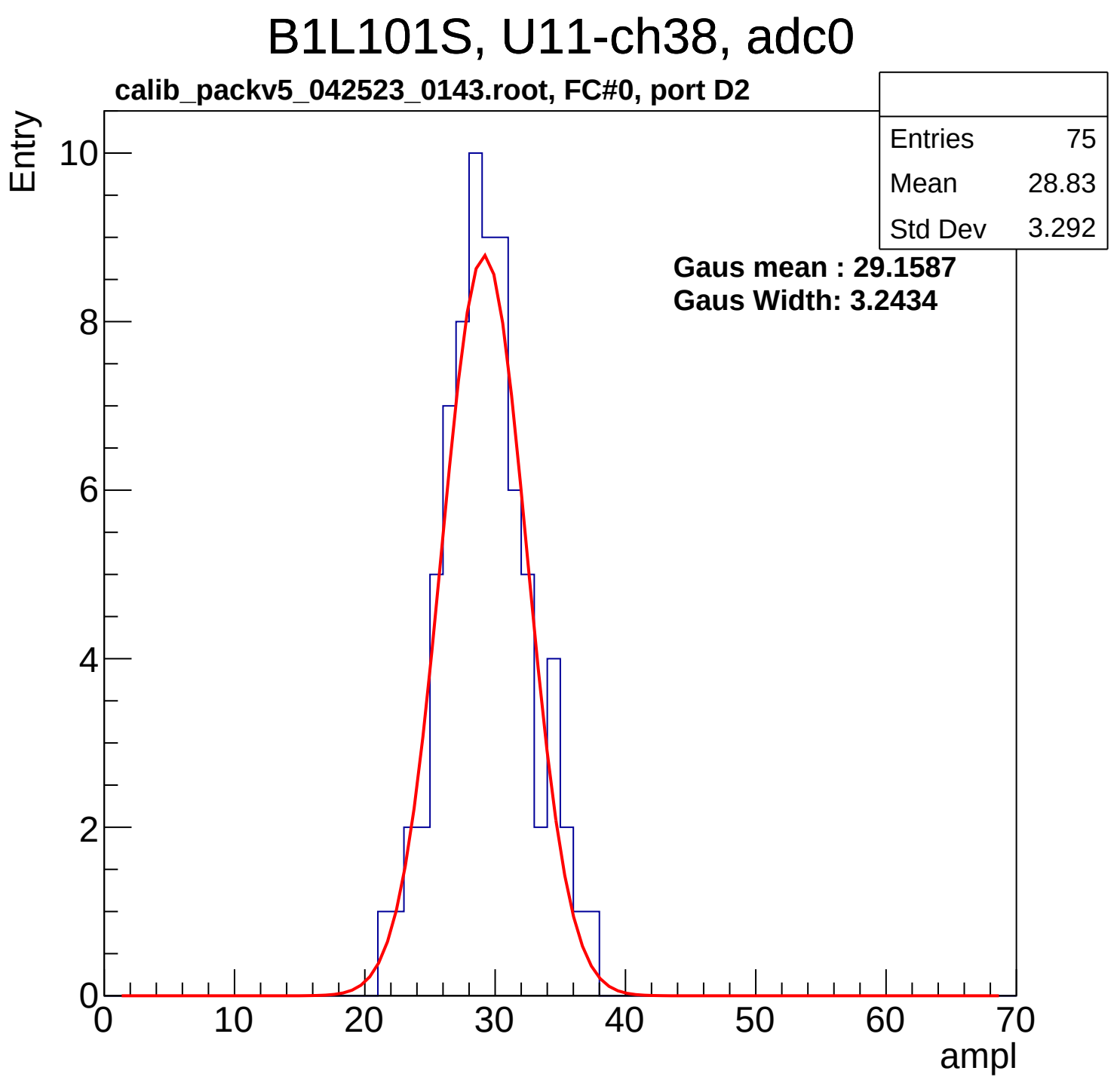
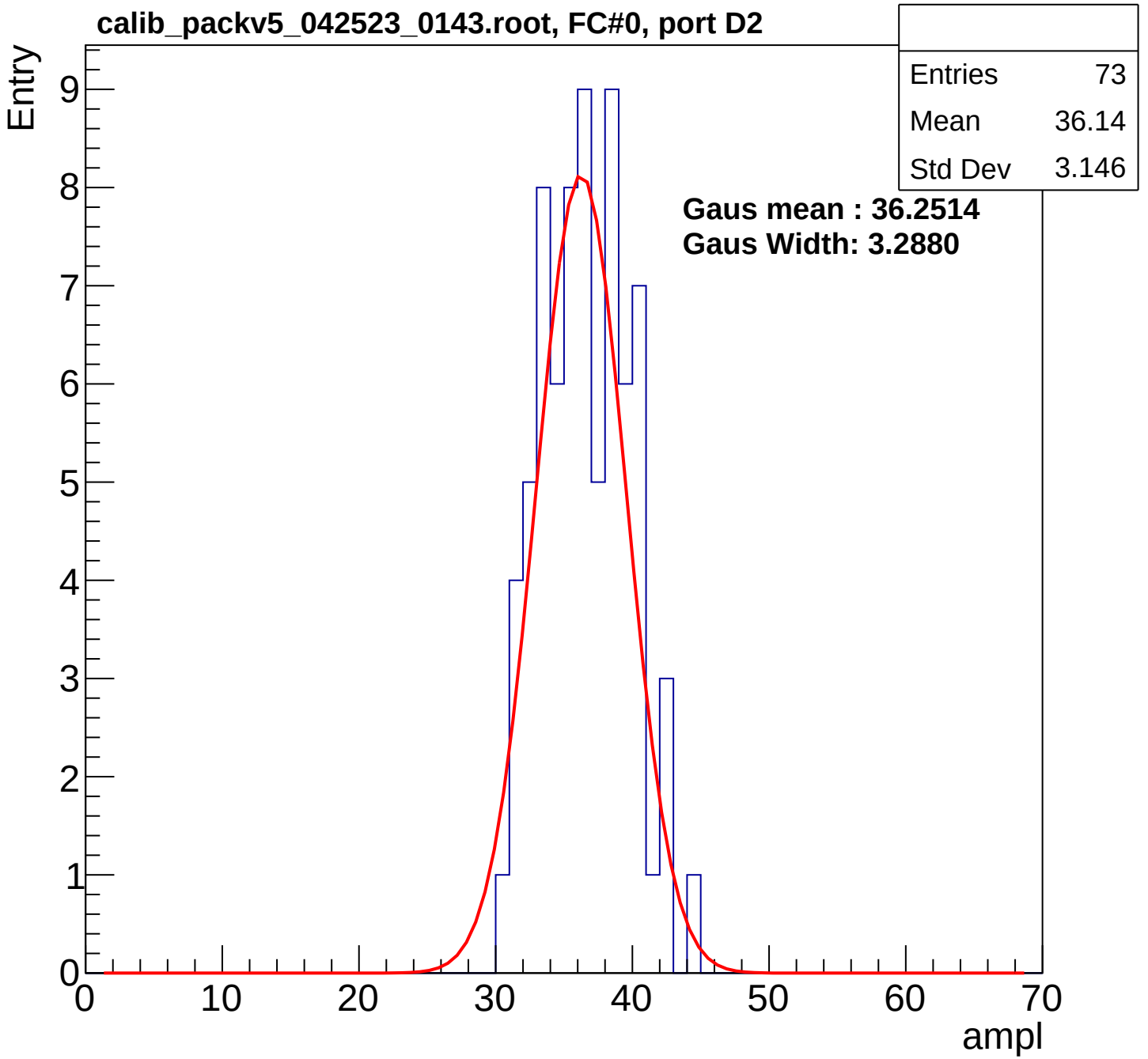
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch38, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 75
Mean 28.83
Std Dev 3.292
Gaus mean : 29.1587
Gaus Width: 3.2434
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch38, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 36.14
Std Dev 3.146
Gaus mean : 36.2514
Gaus Width: 3.2880
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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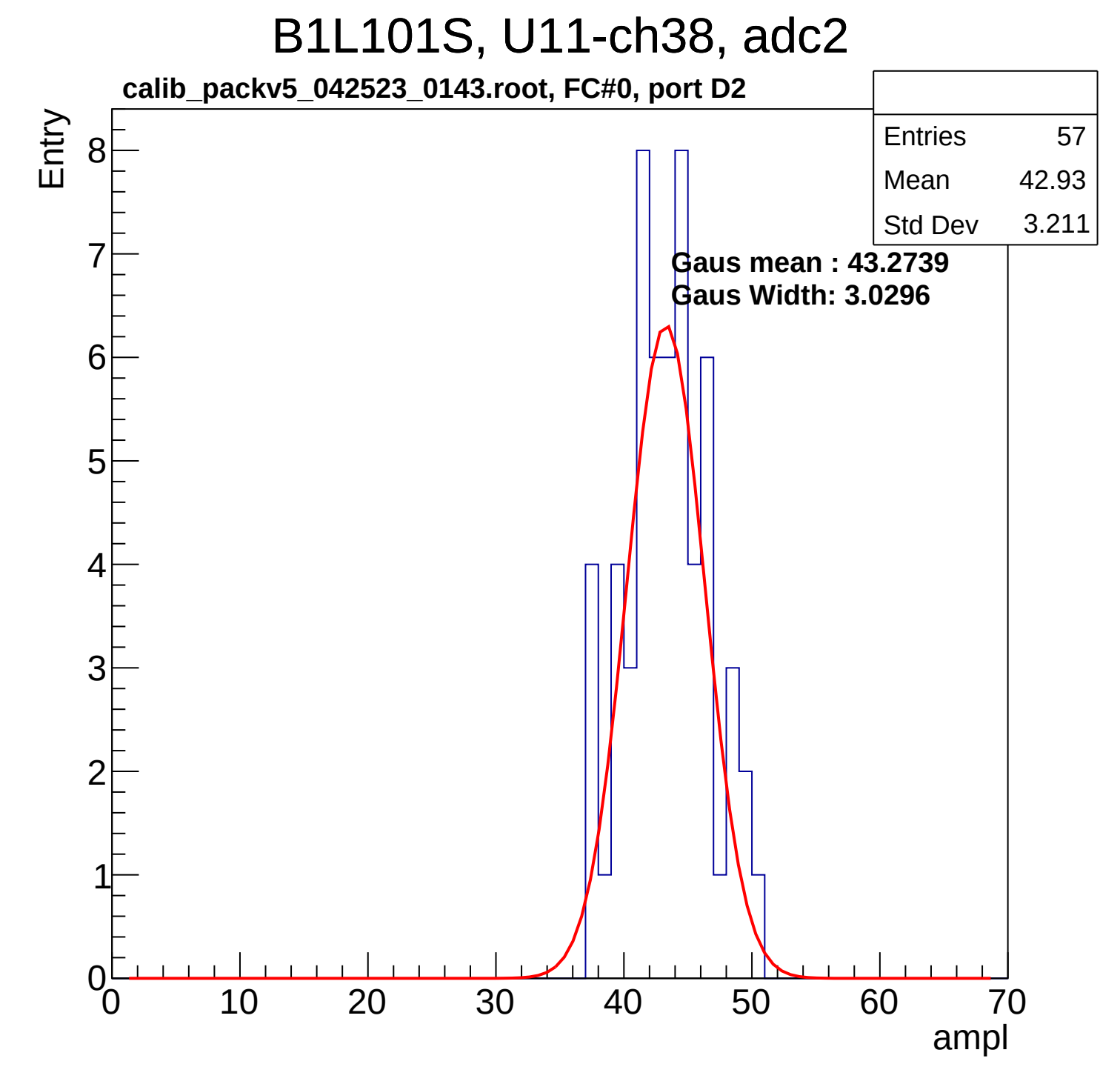
B1L101S, U11-ch38, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 42.93
Std Dev 3.211
Gaus mean : 43.2739
Gaus Width: 3.0296
Entry
ampl
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1
2
3
4
5
6
7
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0
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60
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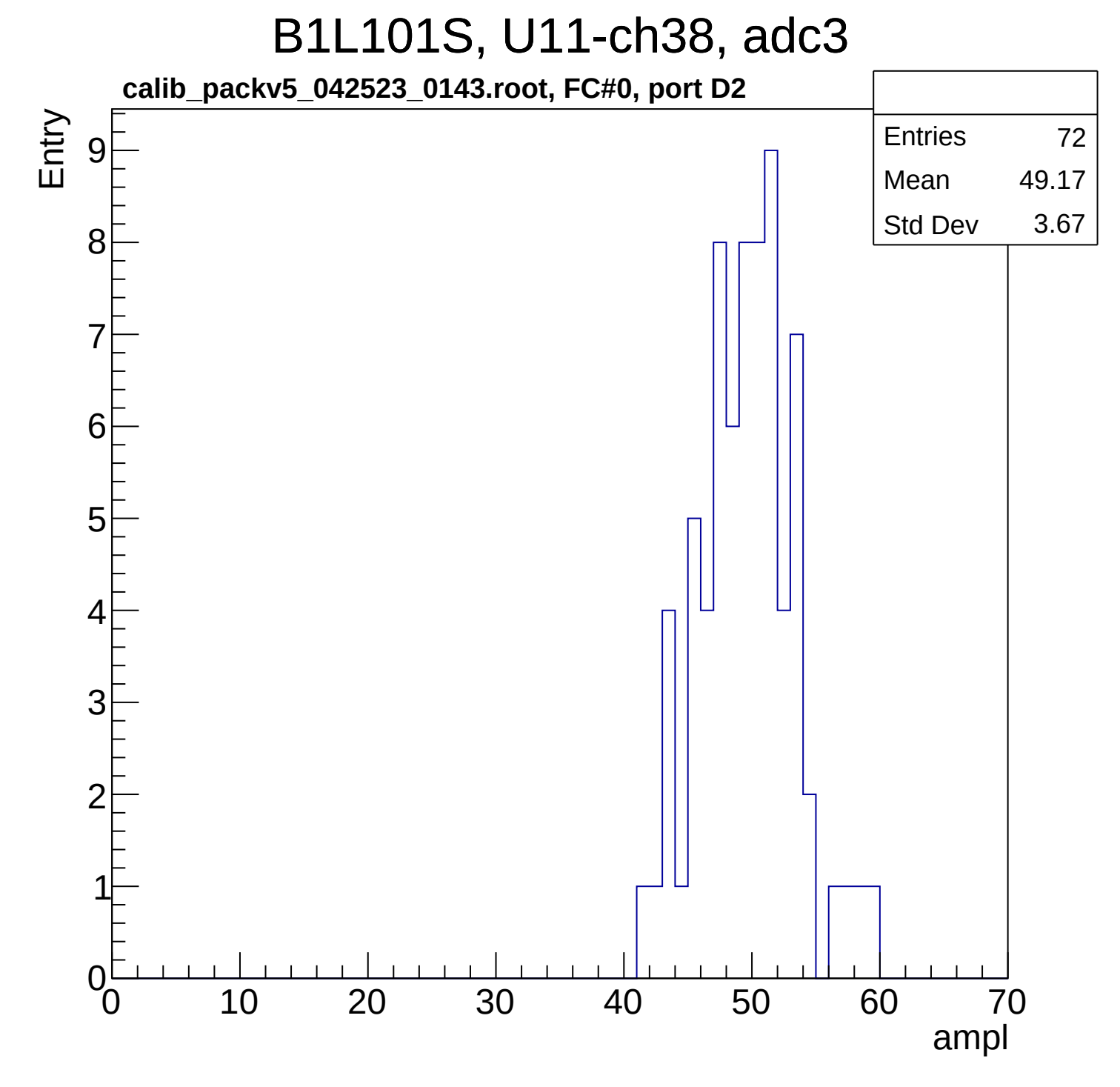
B1L101S, U11-ch38, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 49.17
Std Dev 3.67
Entry
ampl
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2
3
4
5
6
7
8
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0
10
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40
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60
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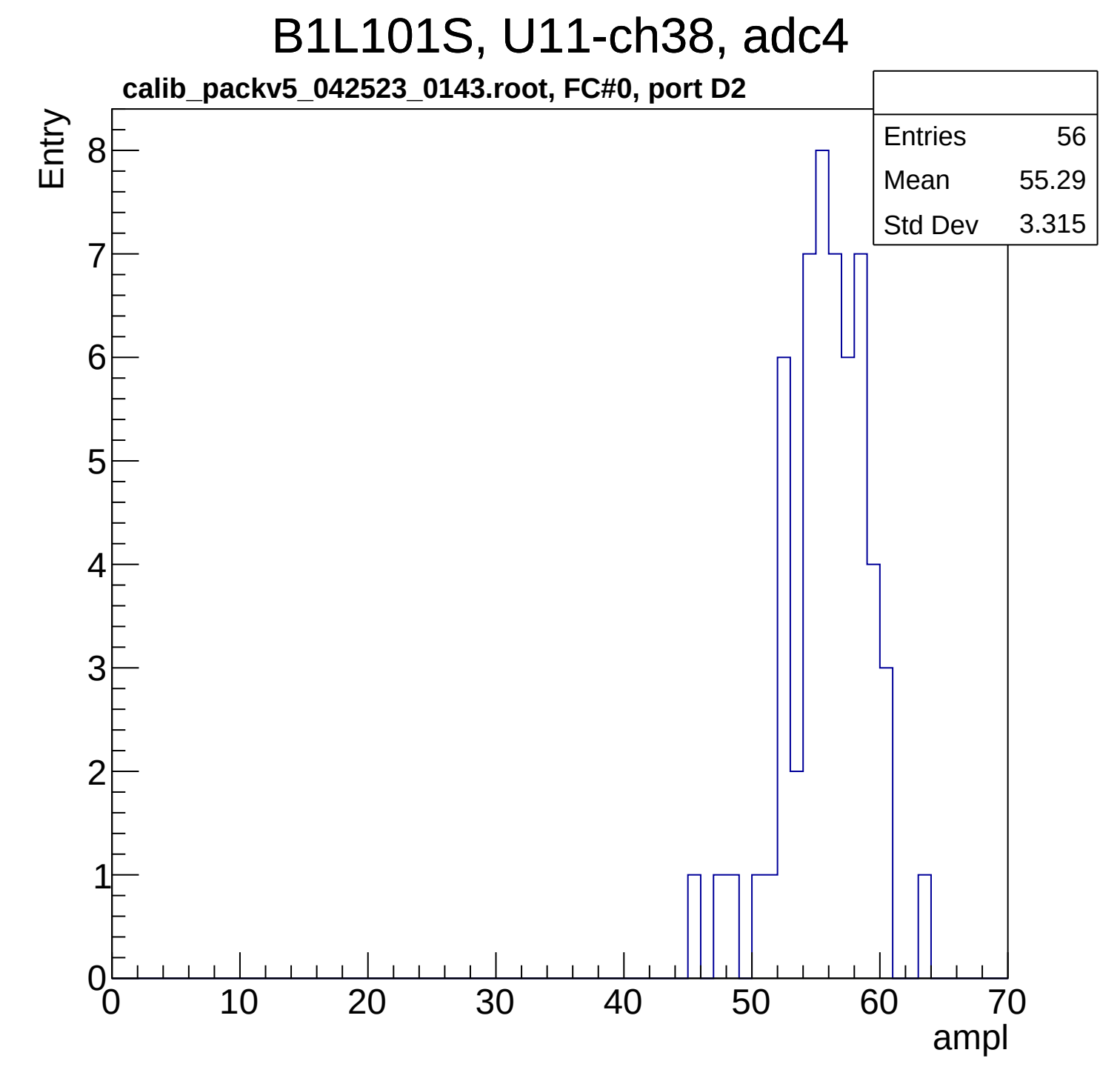
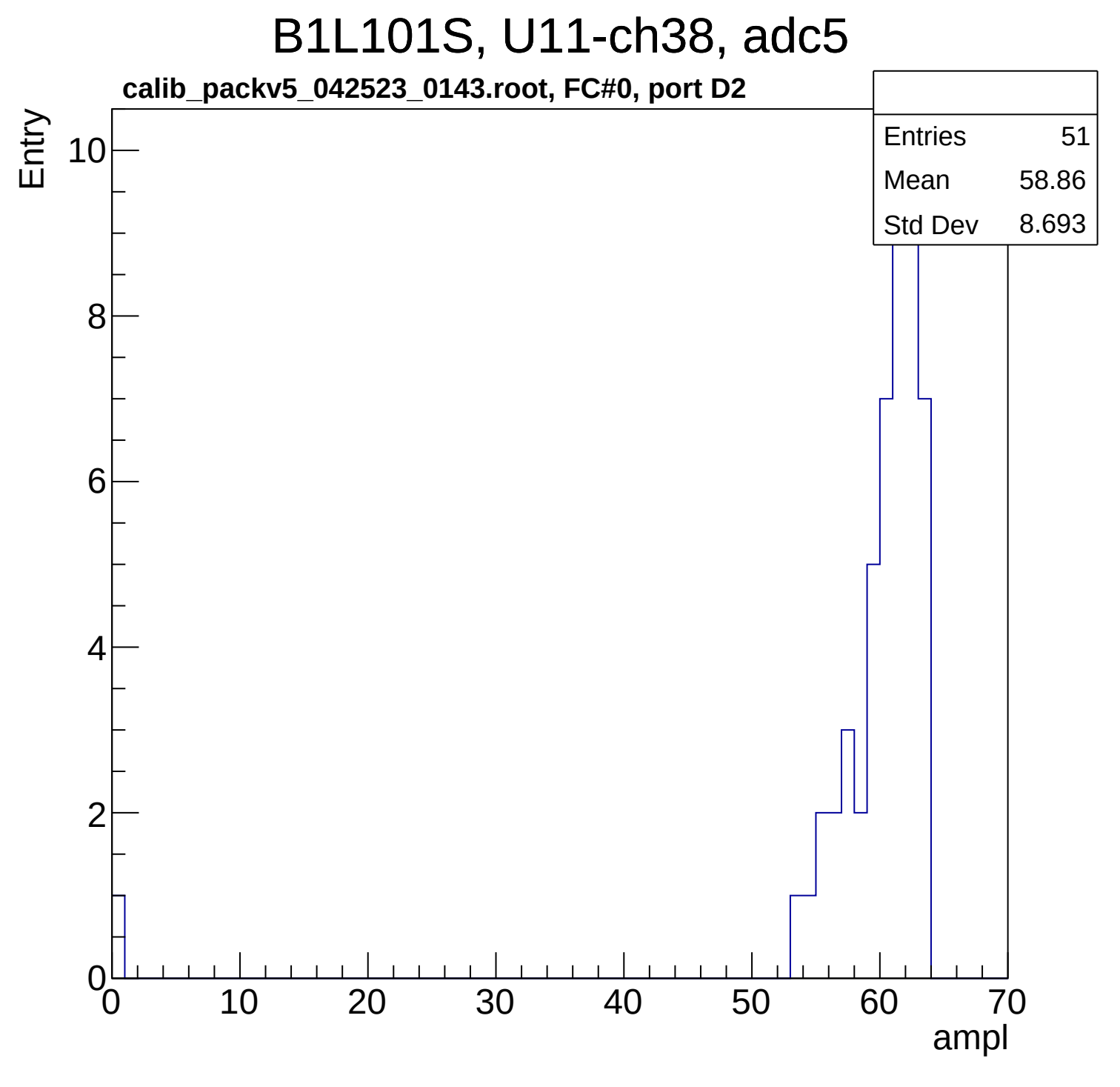
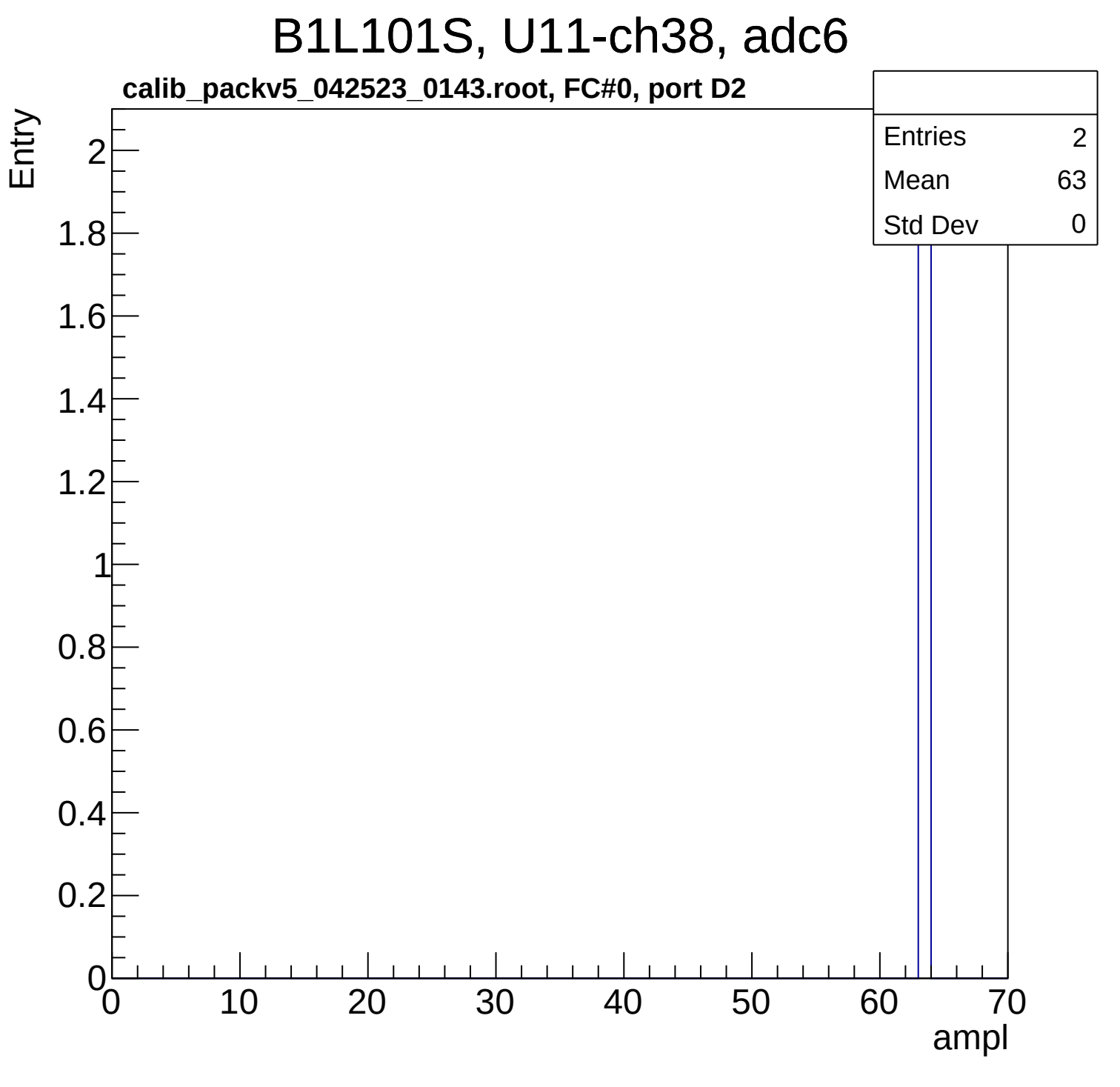

B1L101S, U11-ch38, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 55.29
Std Dev 3.315
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch38, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 58.86
Std Dev 8.693
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch38, adc6
calib_packv5_042523_0143.root, FC#0, port D2
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
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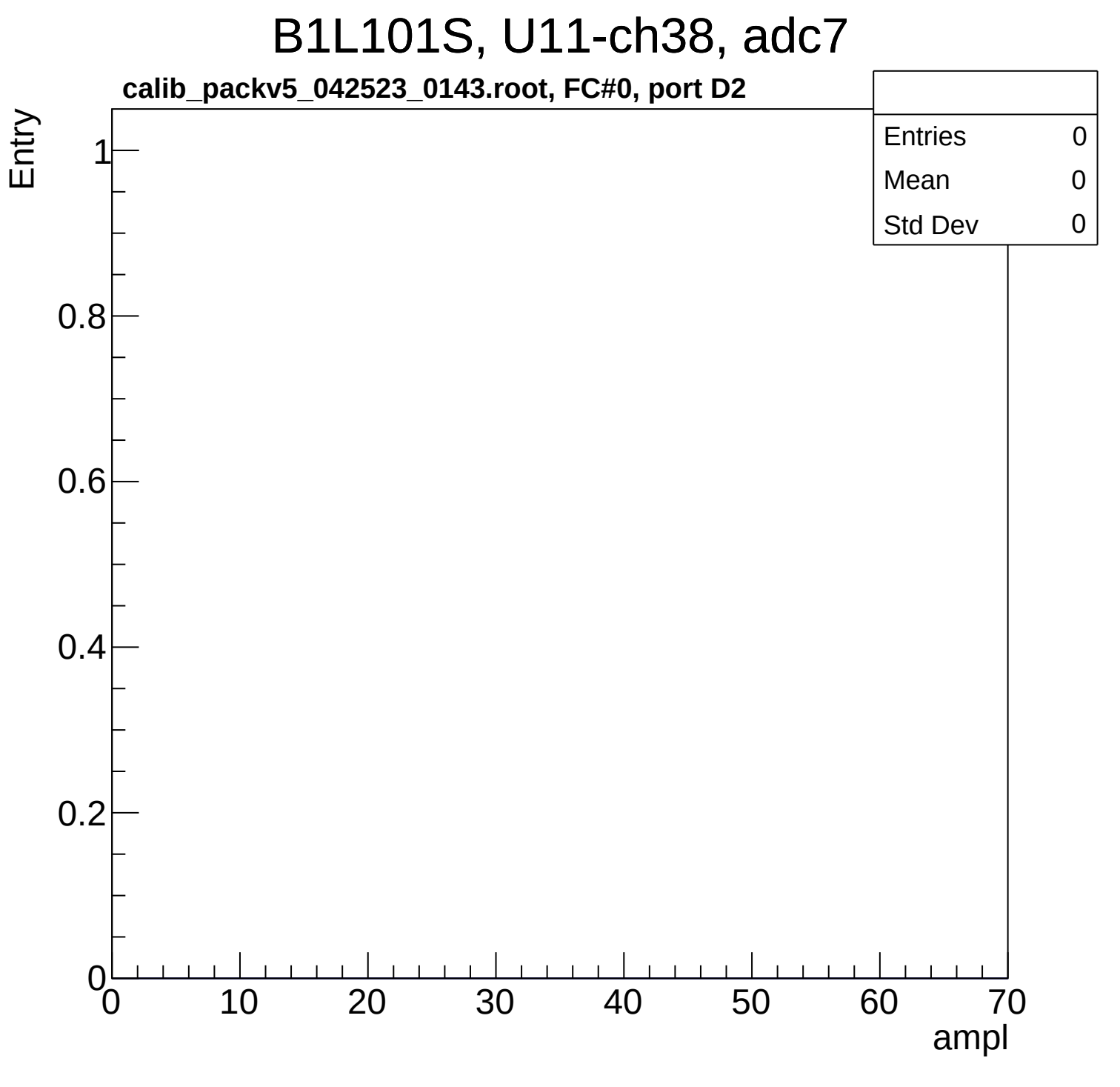
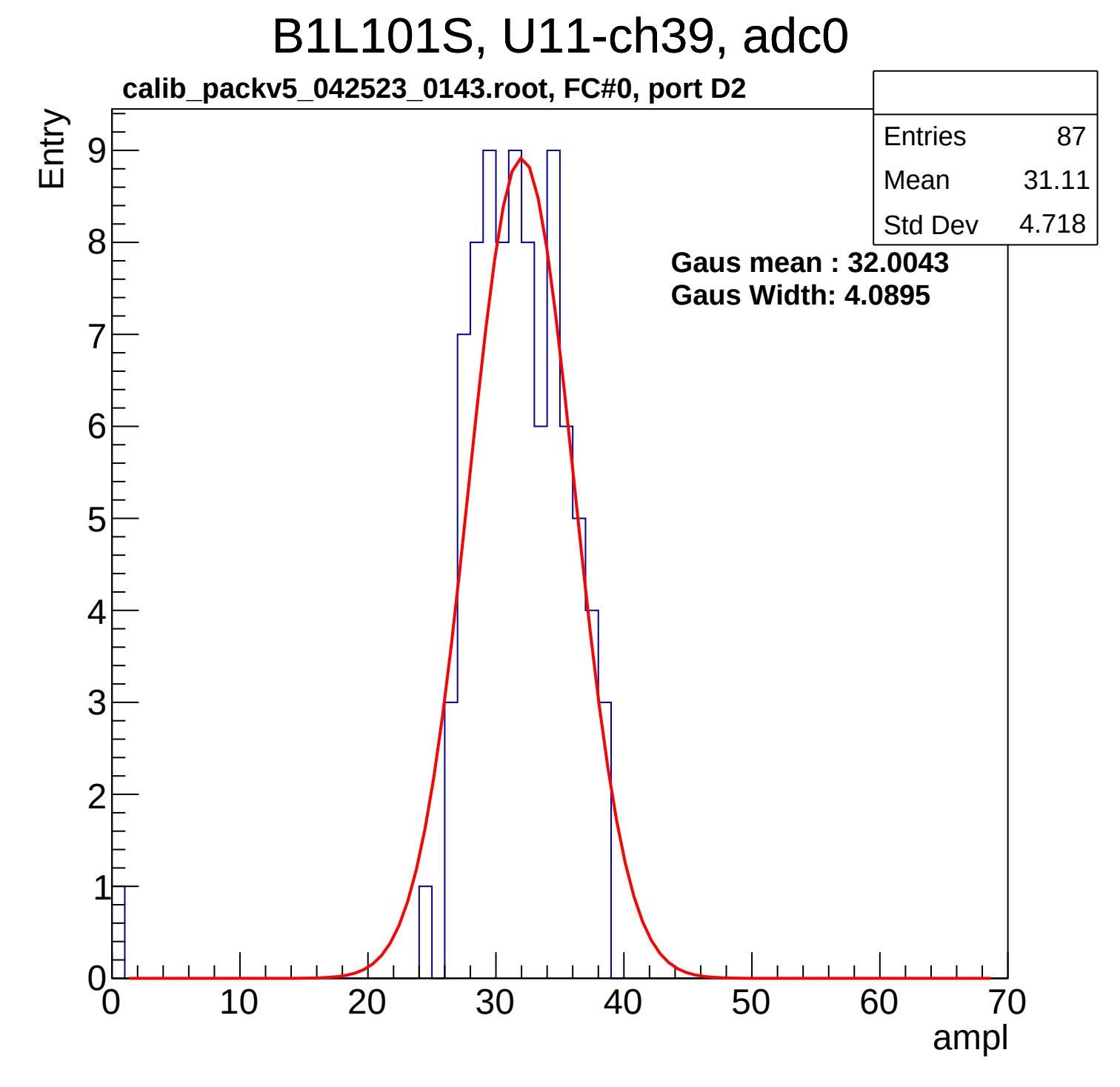

B1L101S, U11-ch38, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch39, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 87
Mean 31.11
Std Dev 4.718
Gaus mean : 32.0043
Gaus Width: 4.0895
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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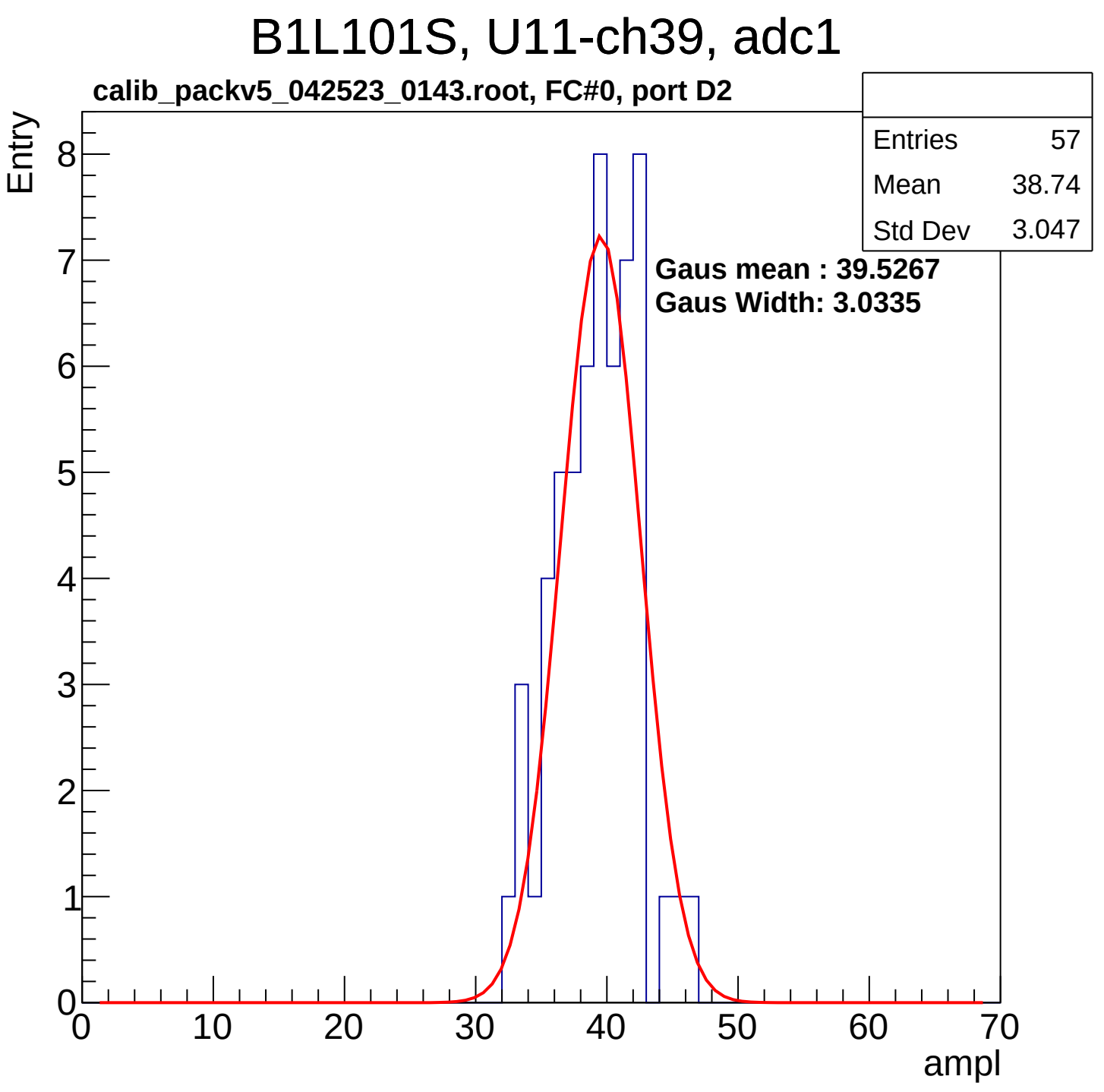
B1L101S, U11-ch39, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 38.74
Std Dev 3.047
Gaus mean : 39.5267
Gaus Width: 3.0335
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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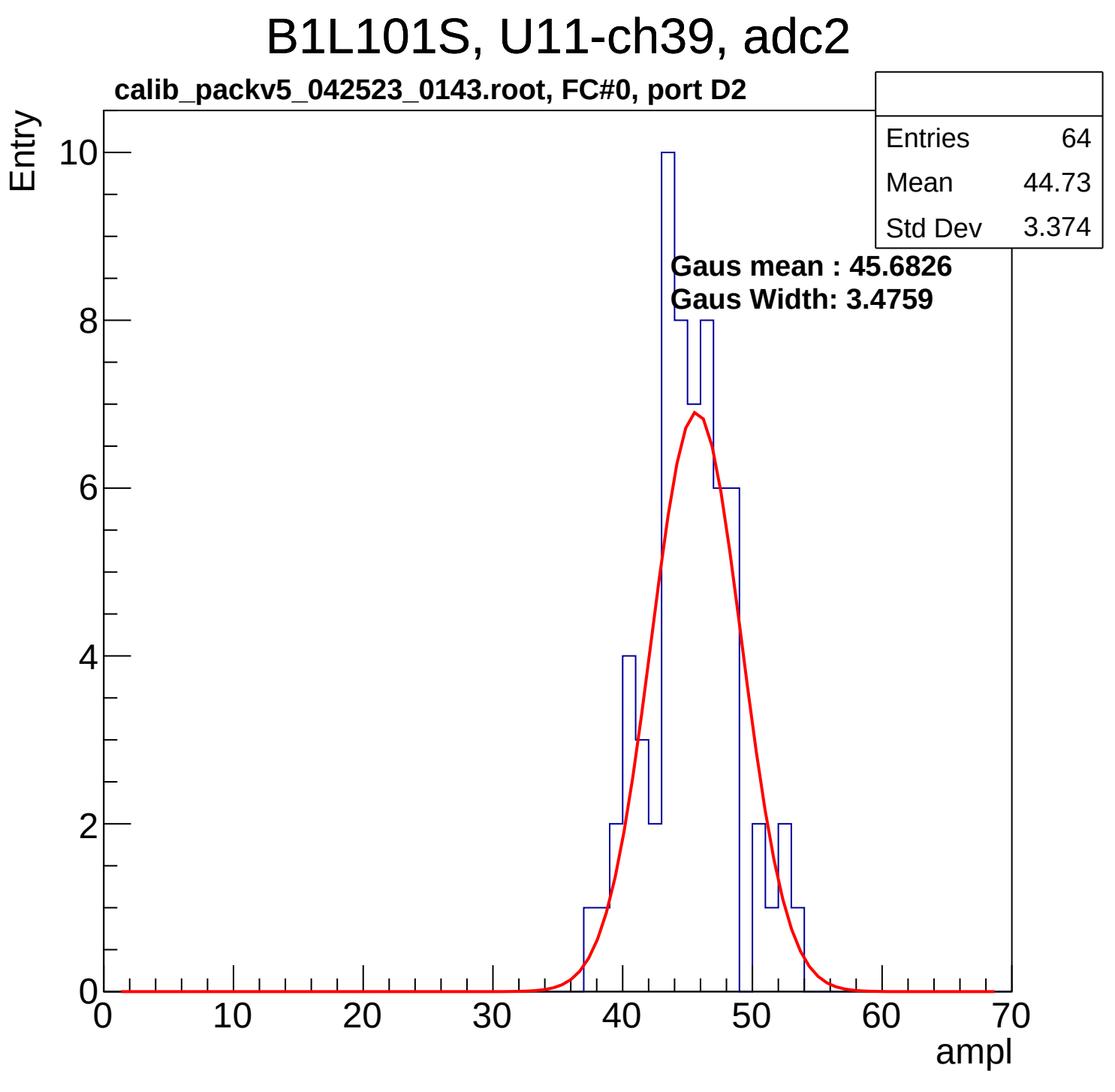
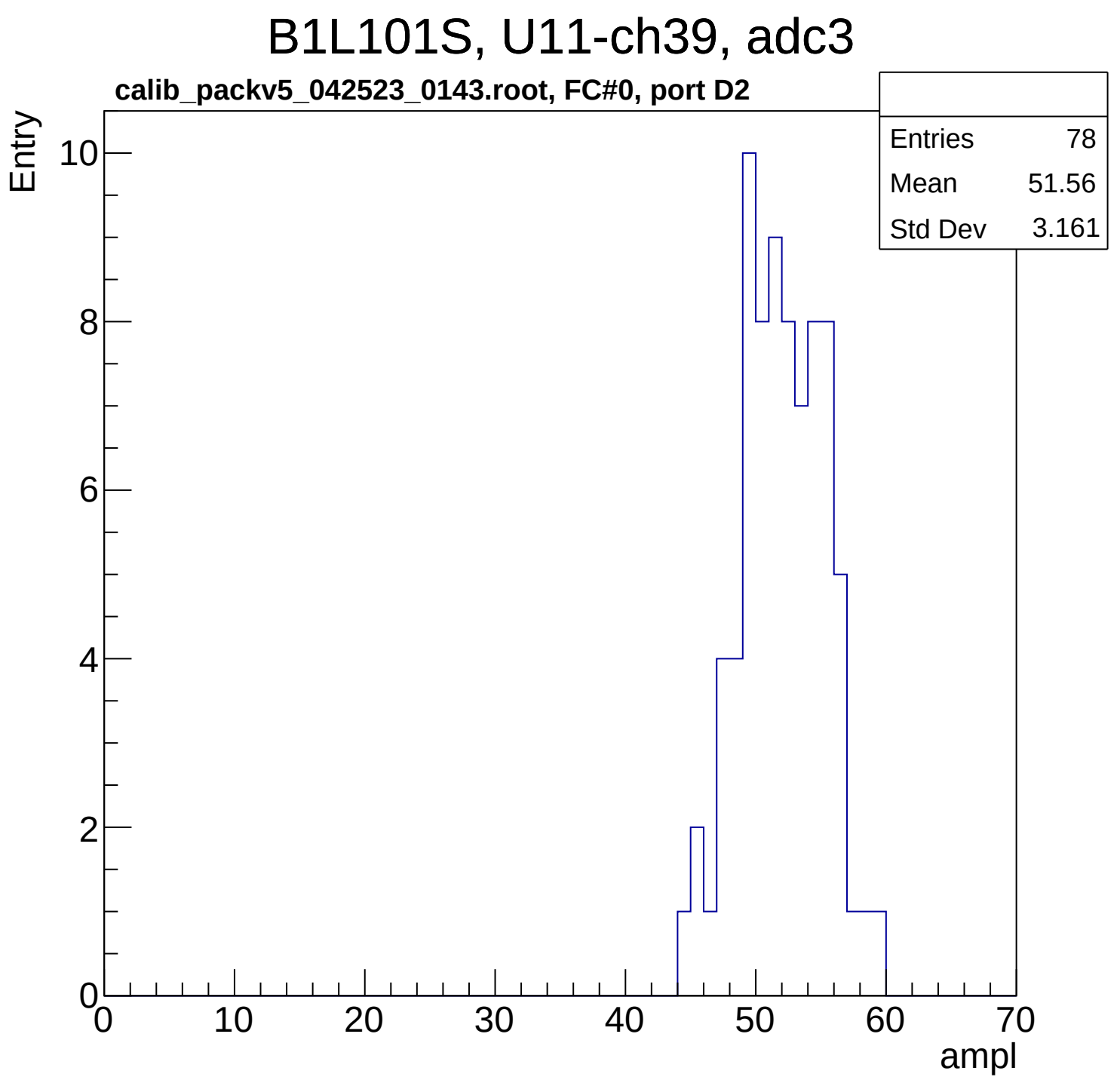
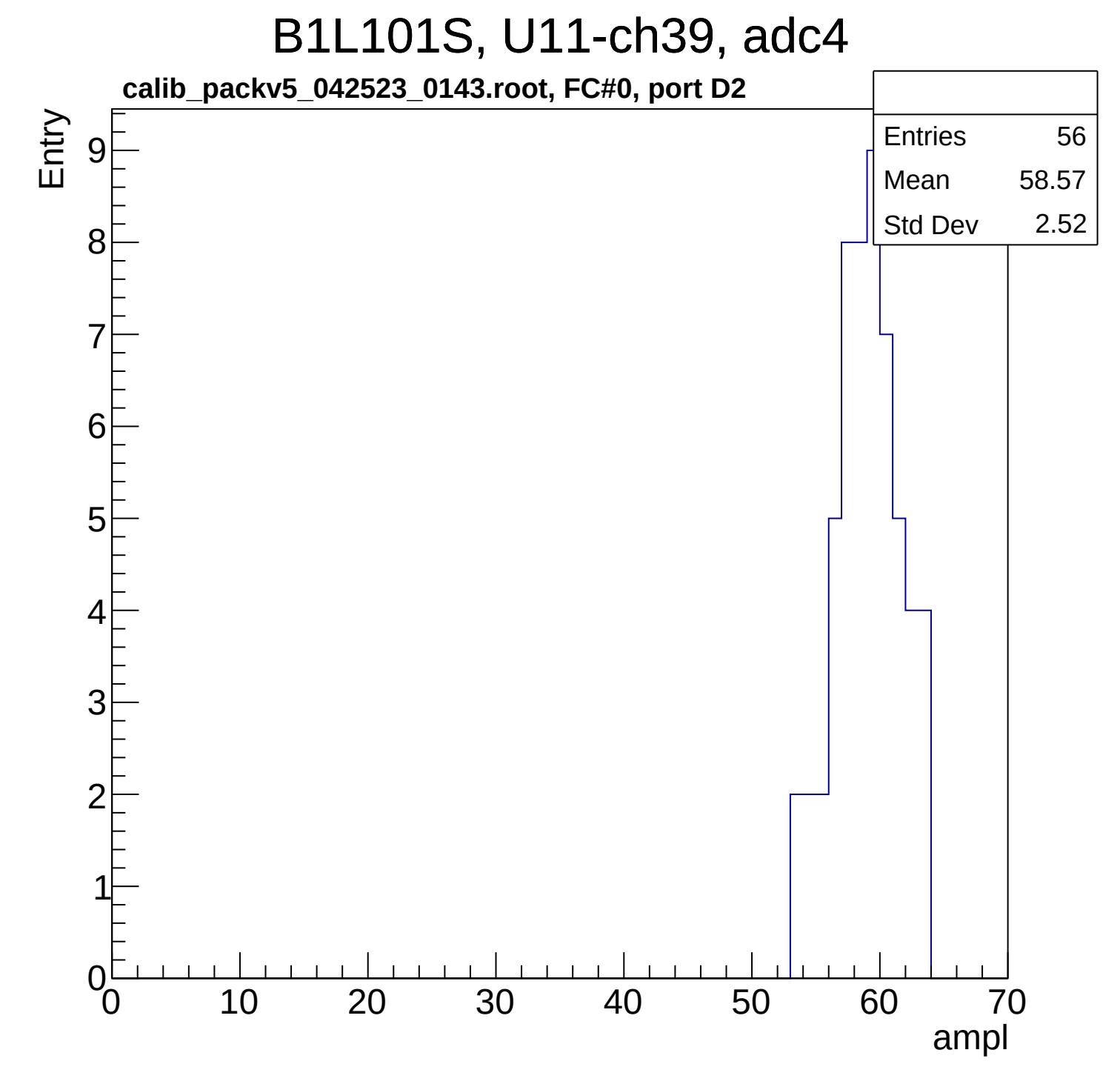
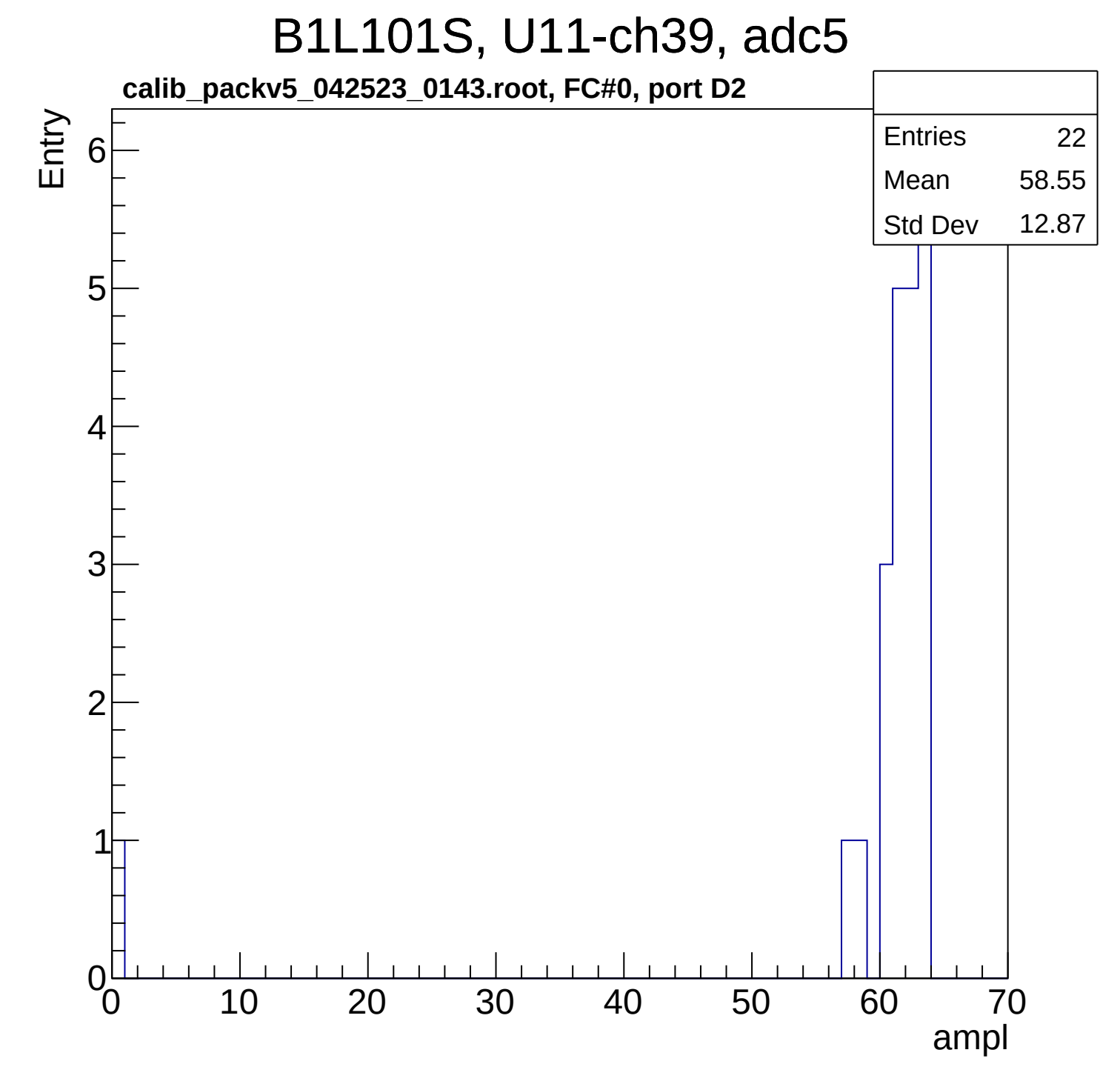
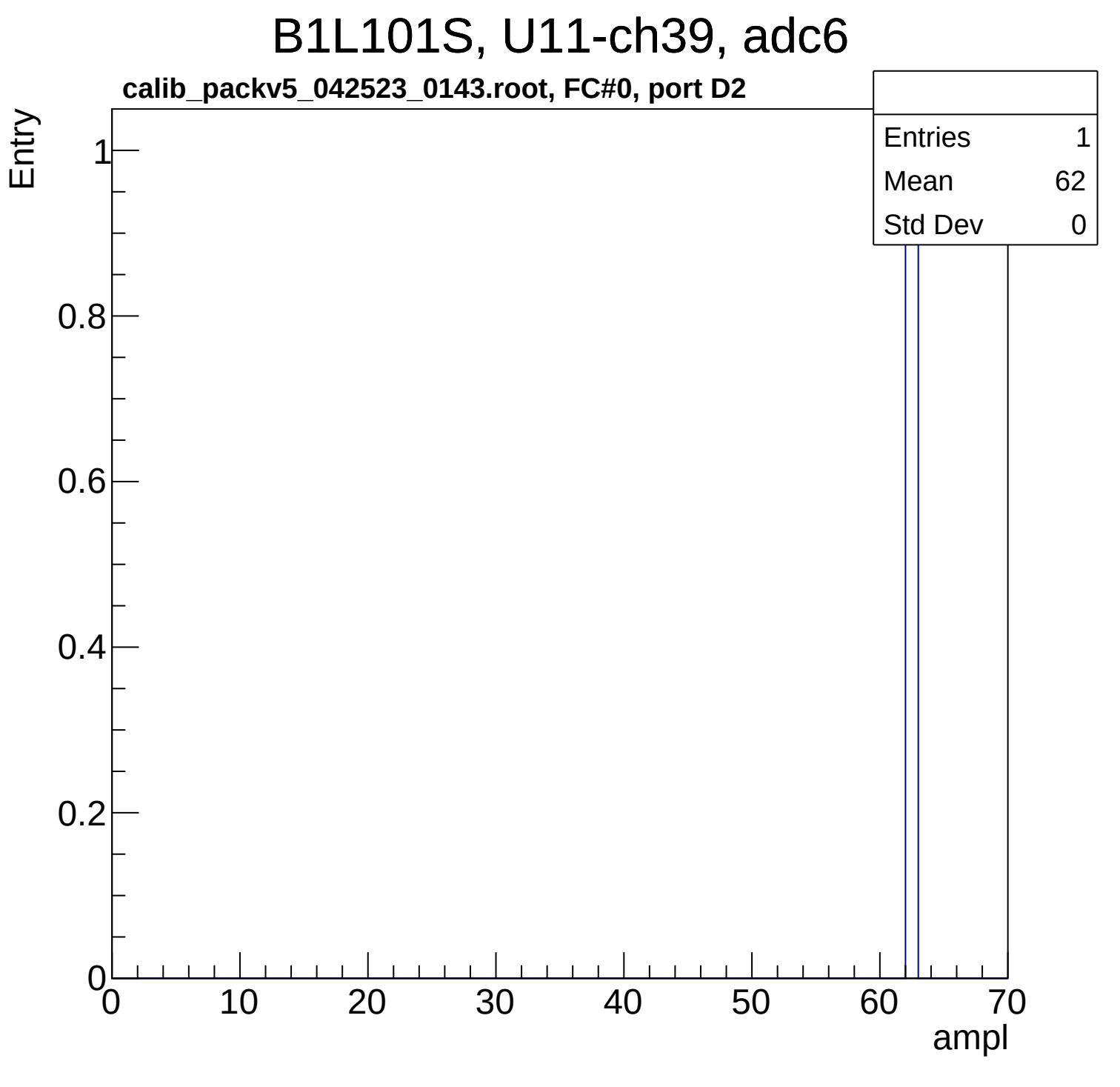
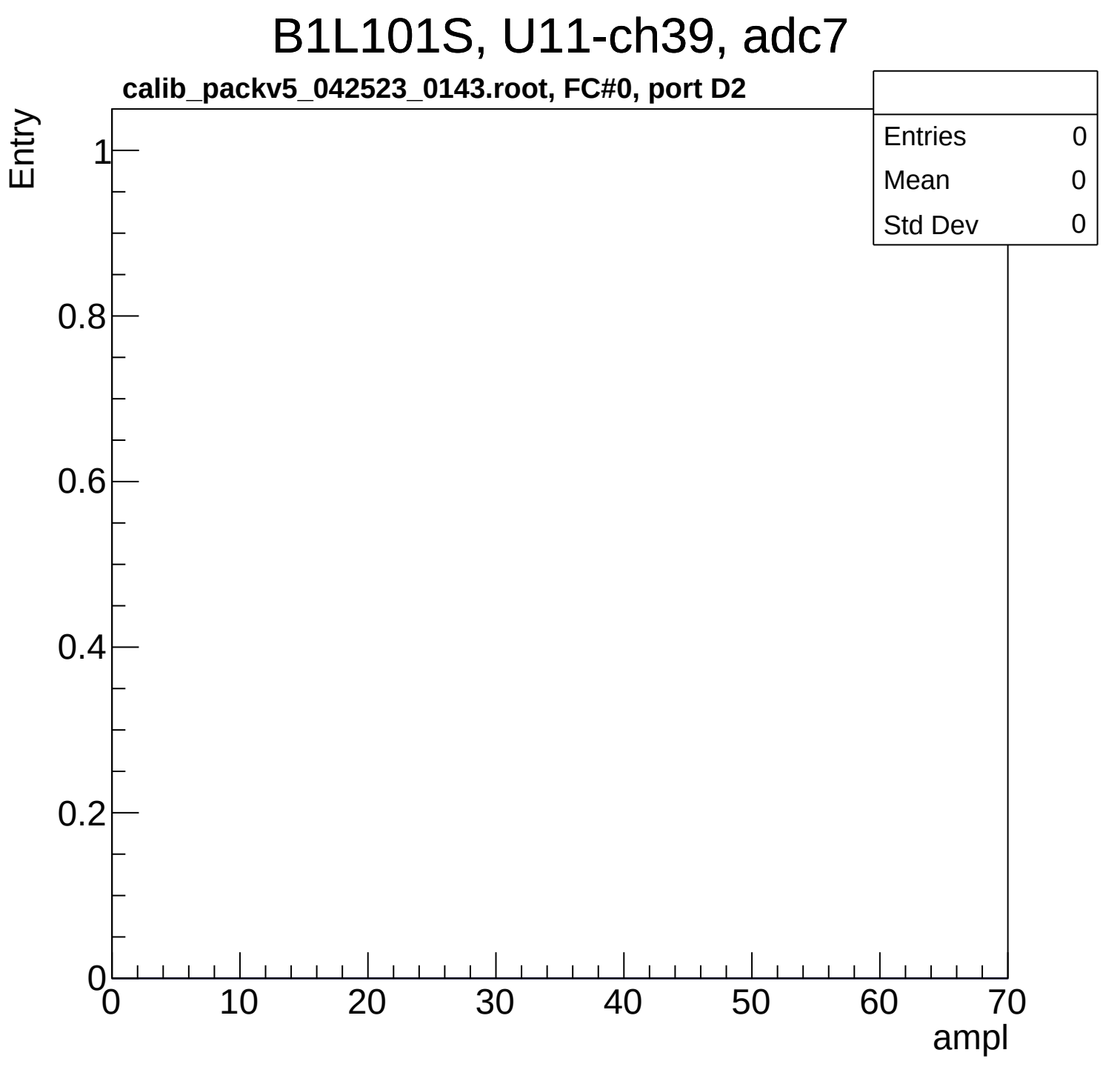

B1L101S, U11-ch39, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 44.73
Std Dev 3.374
Gaus mean : 45.6826
Gaus Width: 3.4759
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

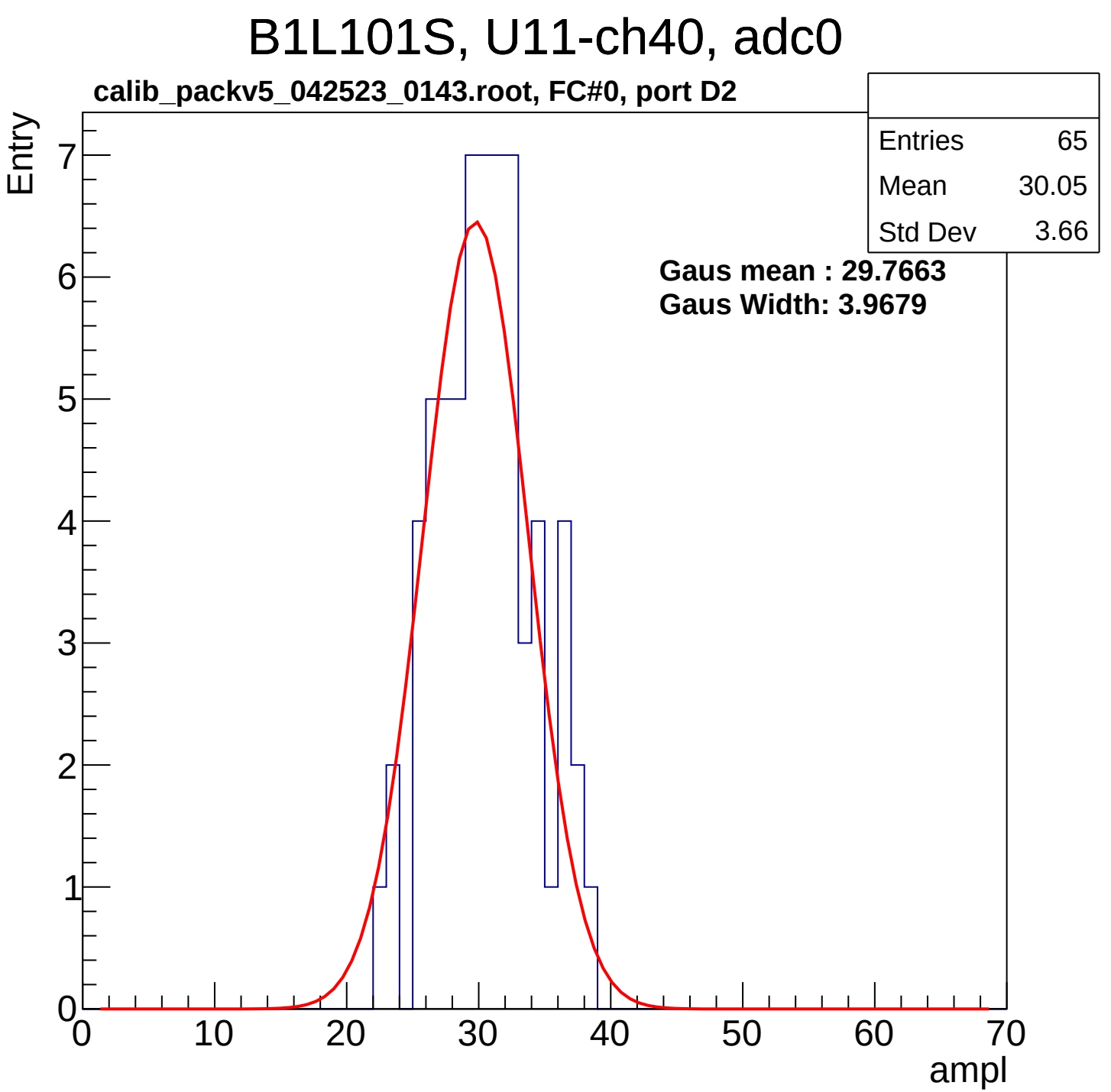

B1L101S, U11-ch39, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 78
Mean 51.56
Std Dev 3.161
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

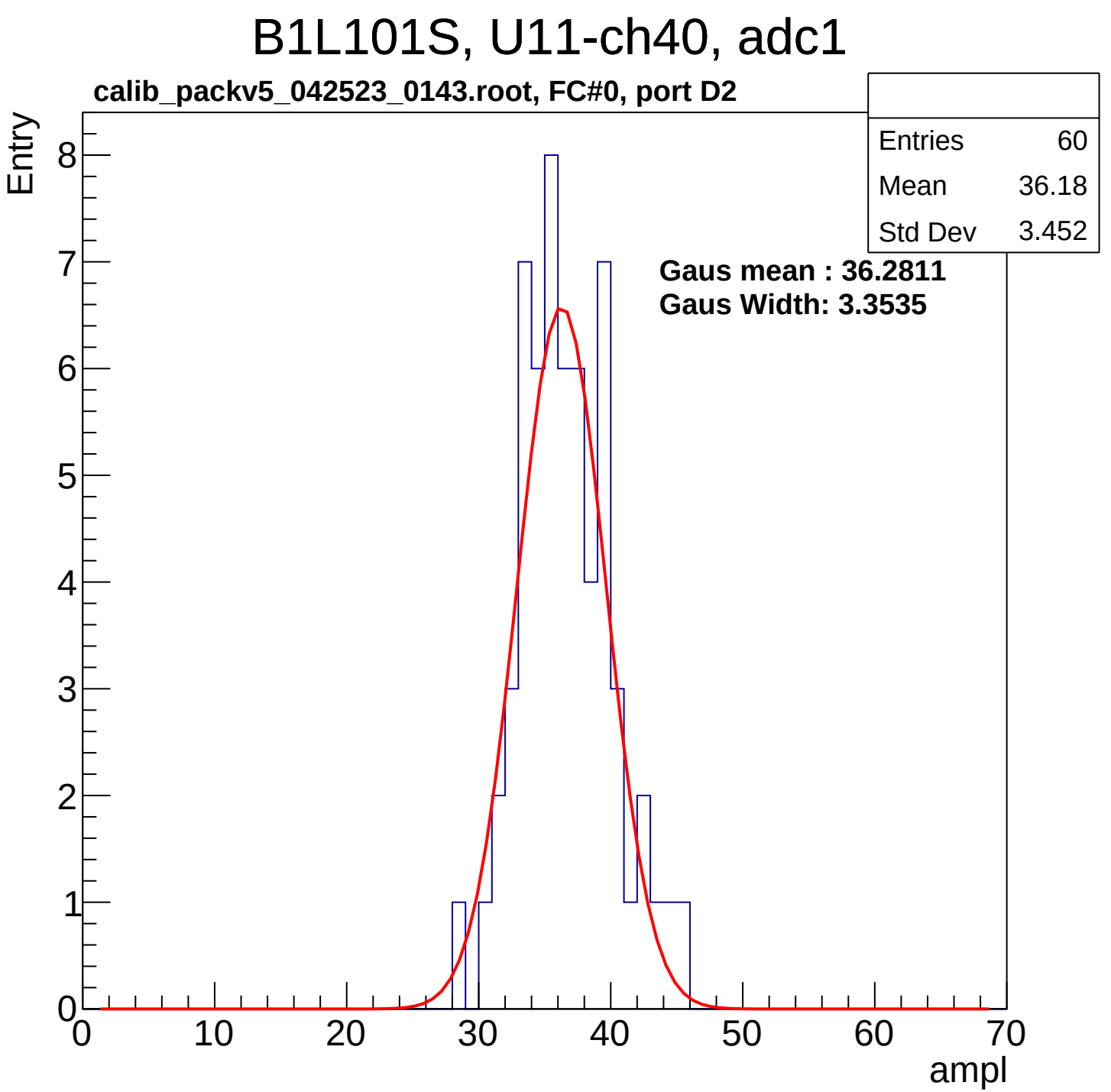

B1L101S, U11-ch39, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 58.57
Std Dev 2.52
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

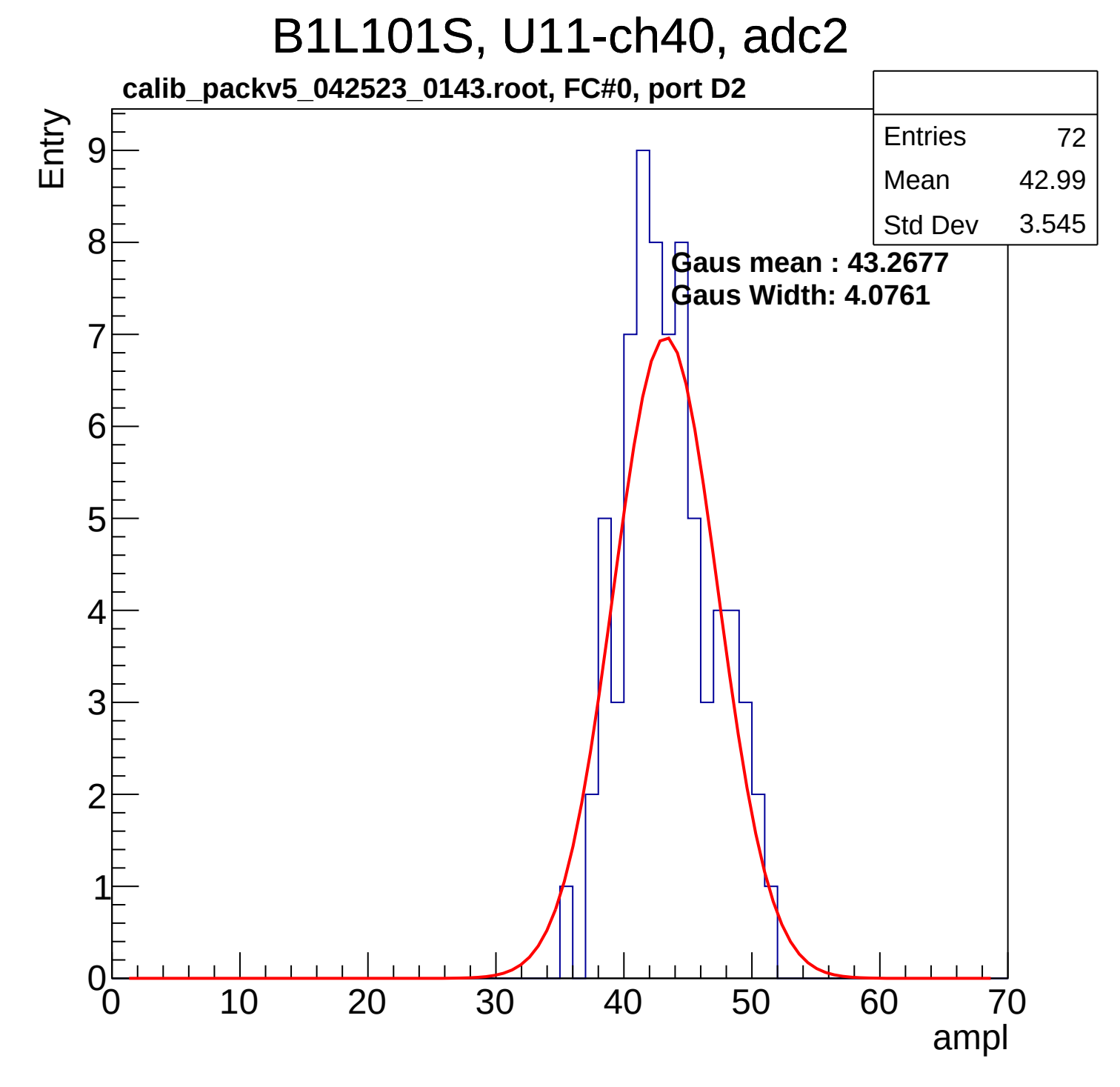

B1L101S, U11-ch39, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 22
Mean 58.55
Std Dev 12.87
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch39, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch39, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch40, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 30.05
Std Dev 3.66
Gaus mean : 29.7663
Gaus Width: 3.9679
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch40, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 36.18
Std Dev 3.452
Gaus mean : 36.2811
Gaus Width: 3.3535
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch40, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 42.99
Std Dev 3.545
Gaus mean : 43.2677
Gaus Width: 4.0761
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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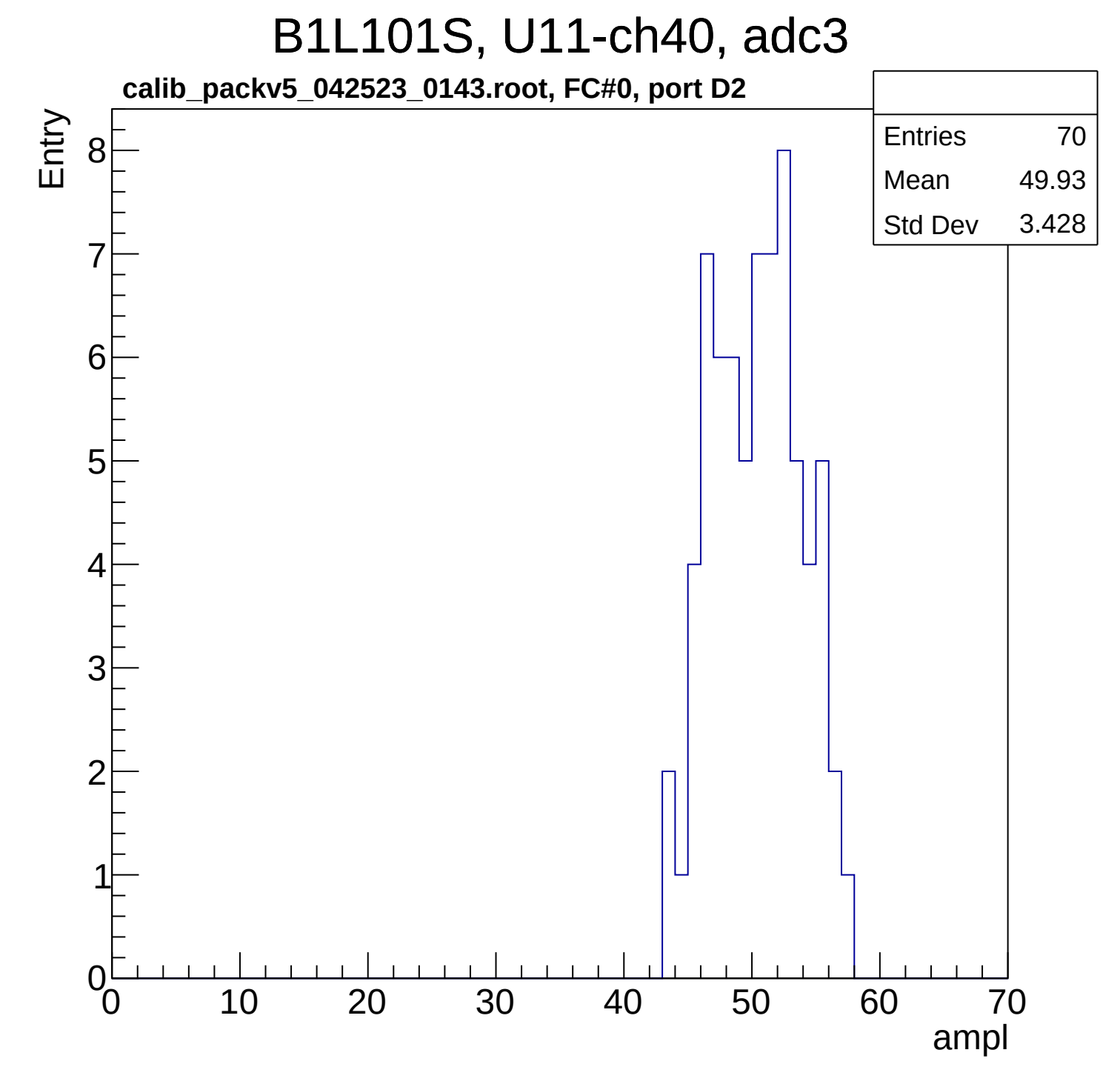
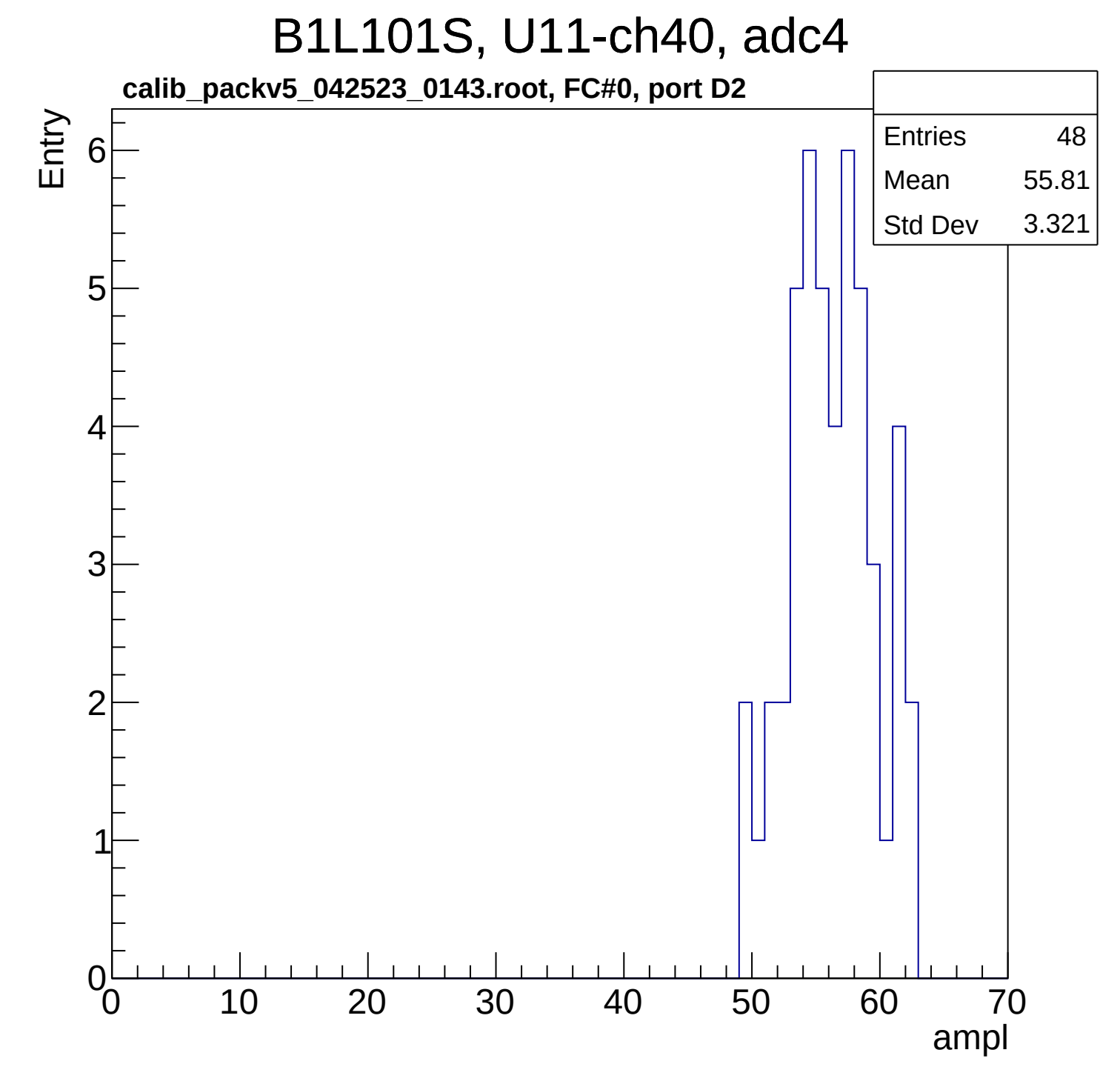
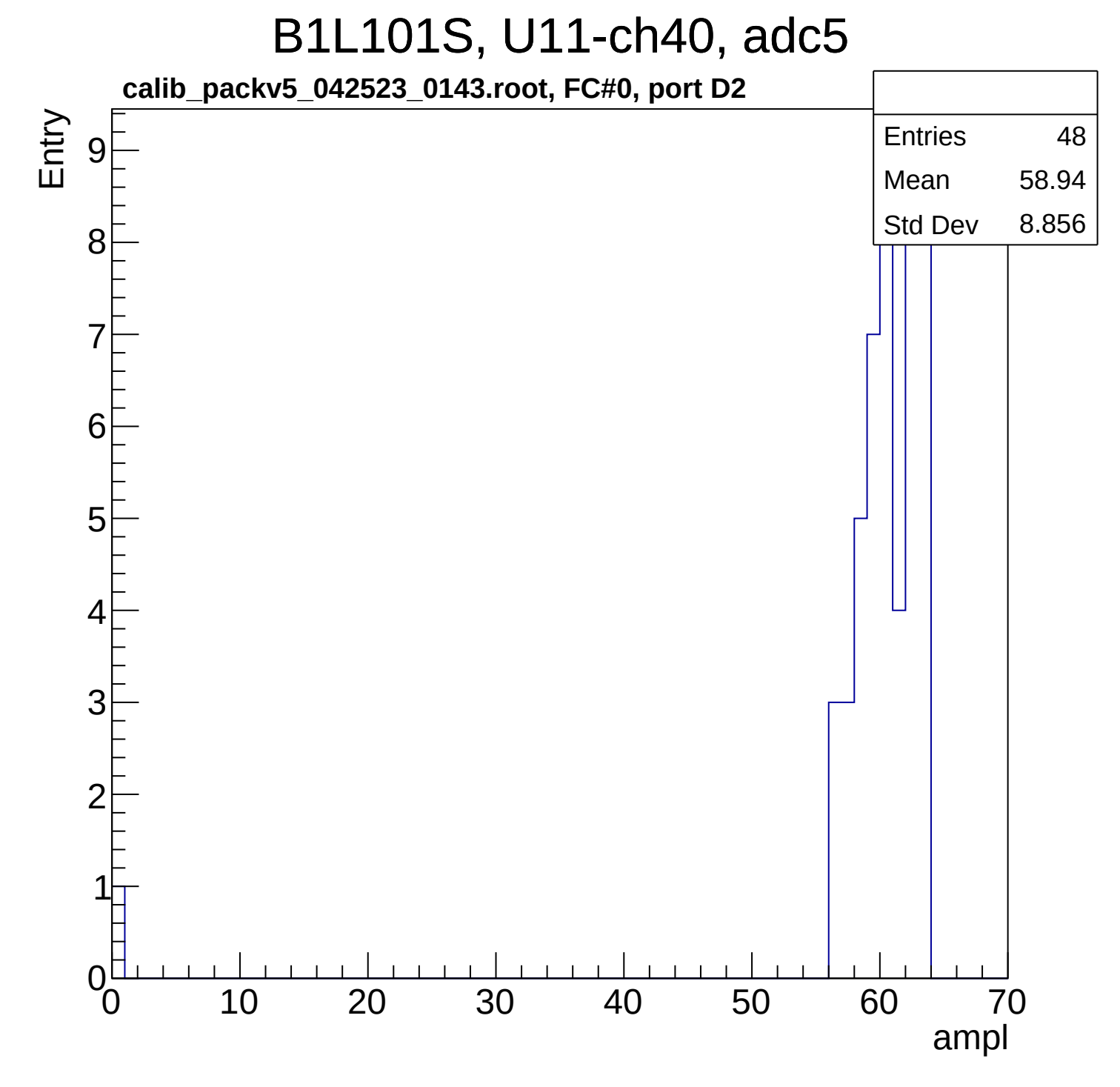

B1L101S, U11-ch40, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 49.93
Std Dev 3.428
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch40, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 48
Mean 55.81
Std Dev 3.321
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L101S, U11-ch40, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 48
Mean 58.94
Std Dev 8.856
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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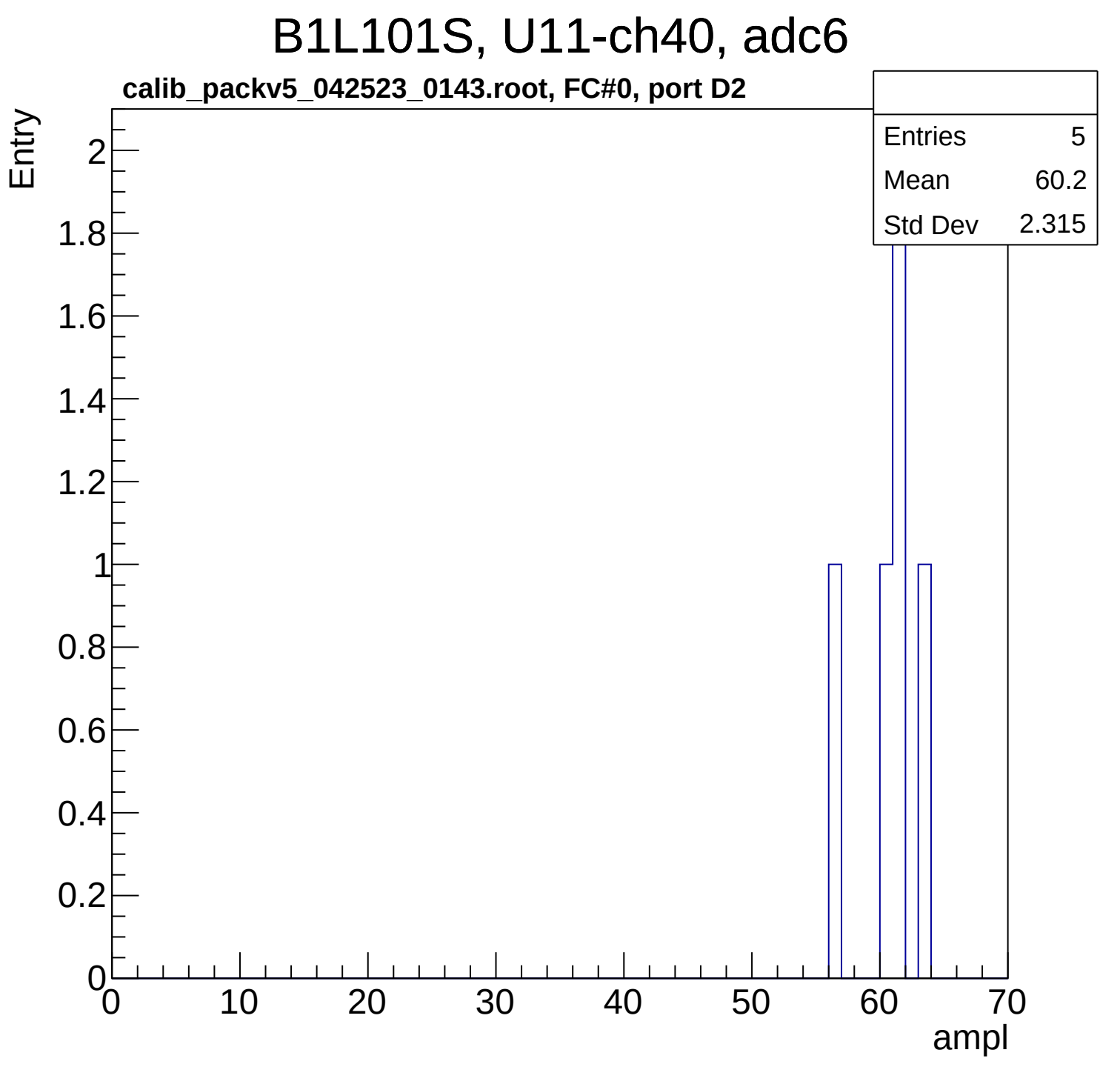
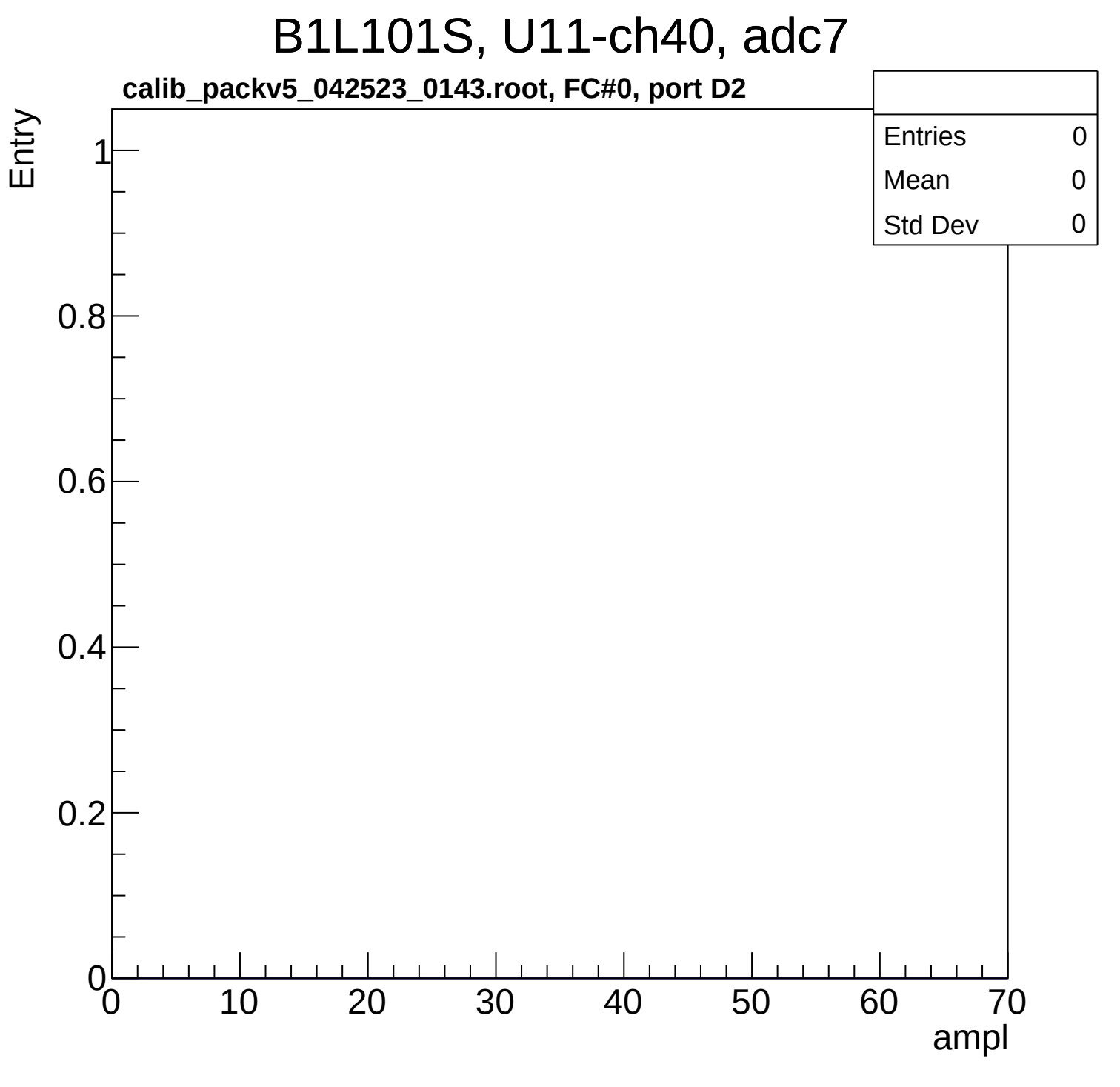
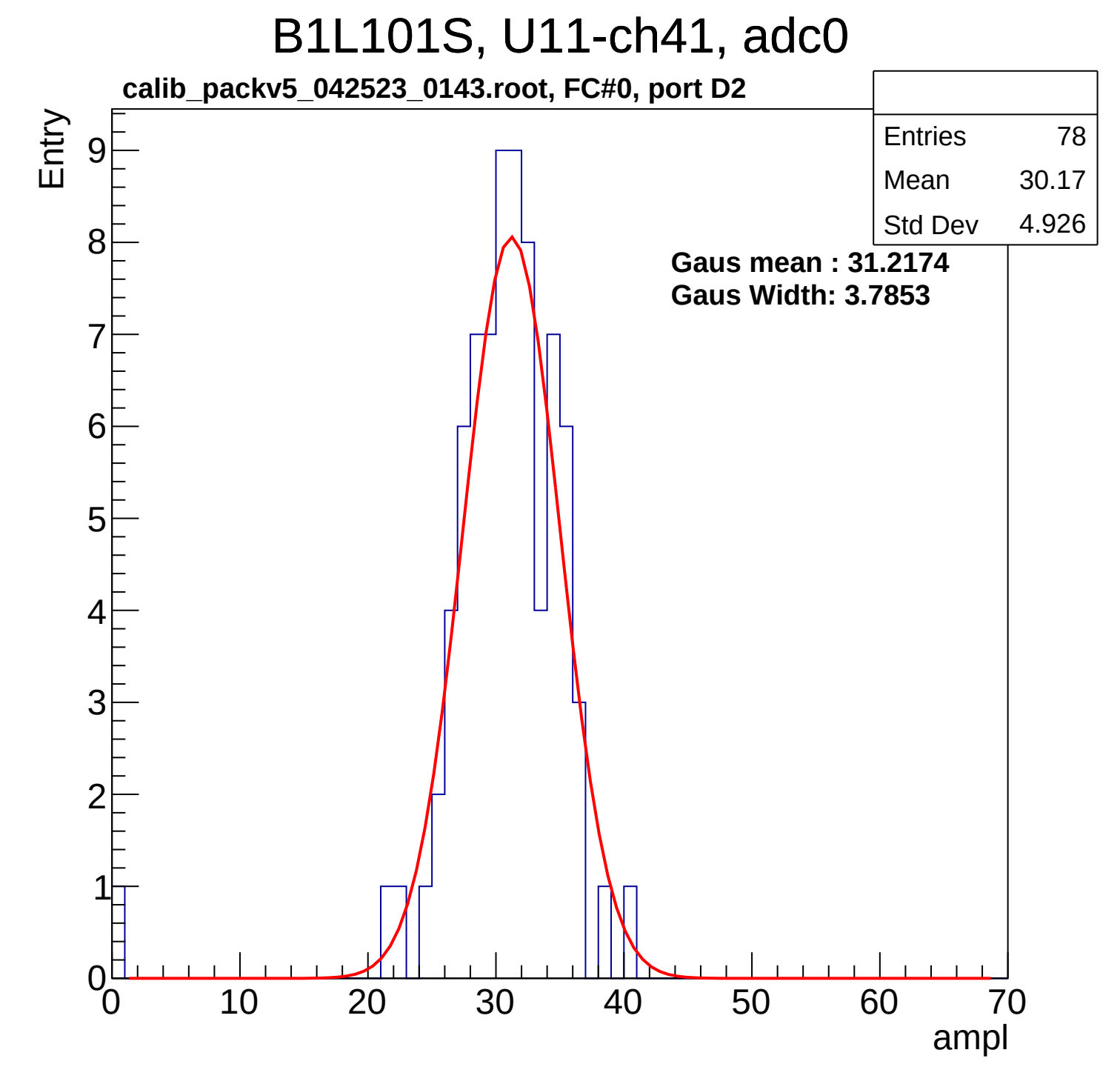

B1L101S, U11-ch40, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 5
Mean 60.2
Std Dev 2.315
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U11-ch40, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch41, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 78
Mean 30.17
Std Dev 4.926
Gaus mean : 31.2174
Gaus Width: 3.7853
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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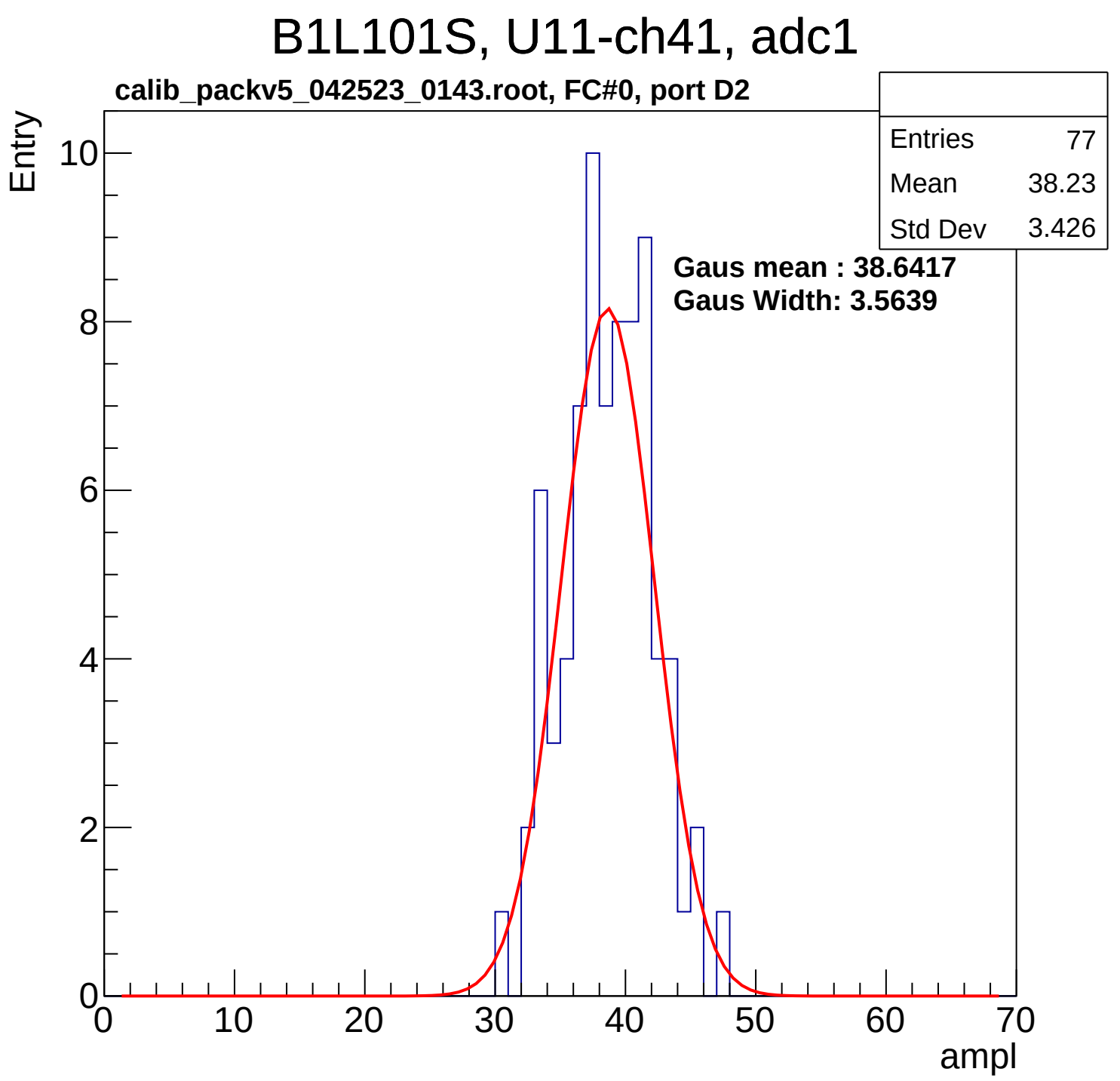
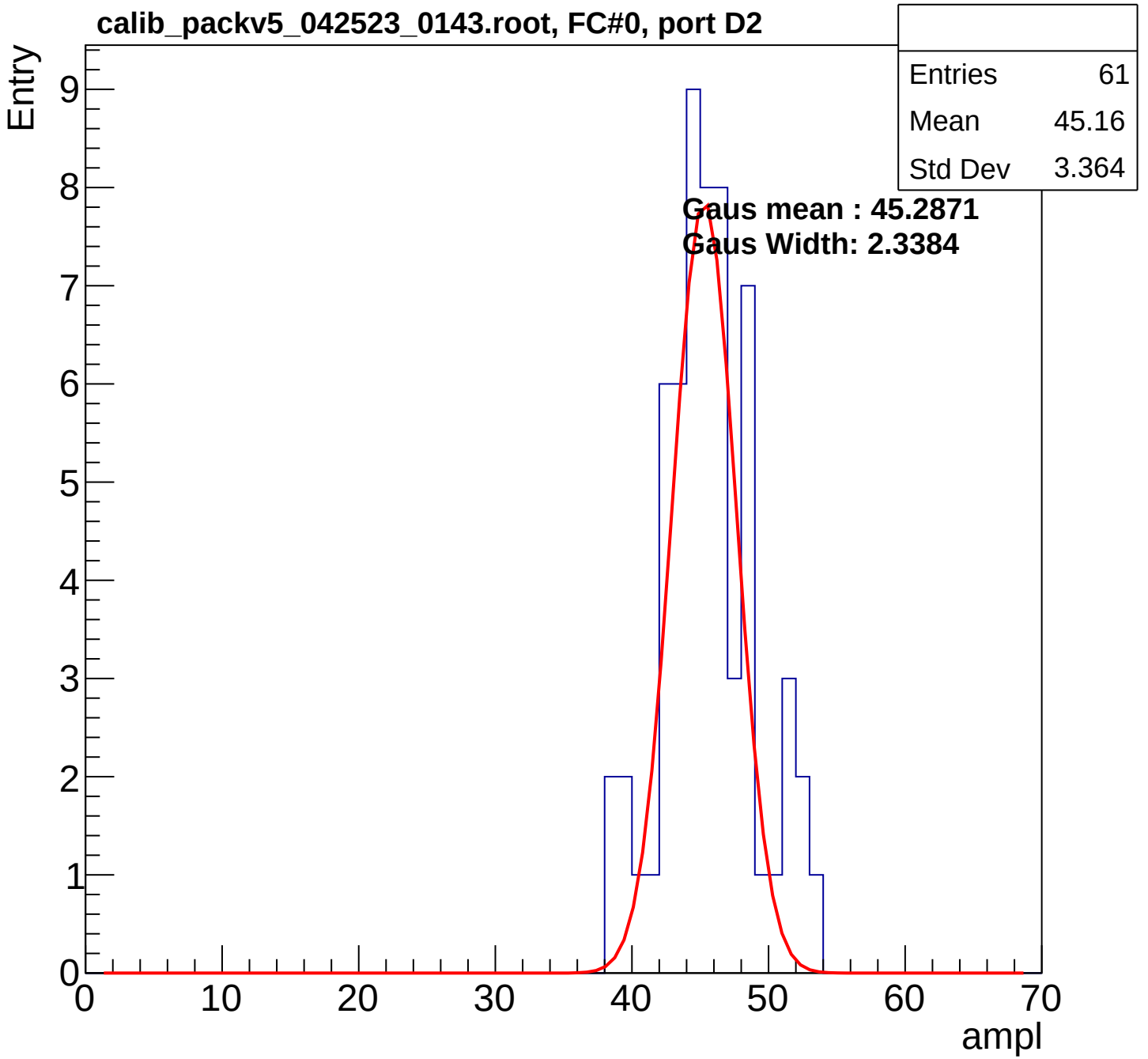
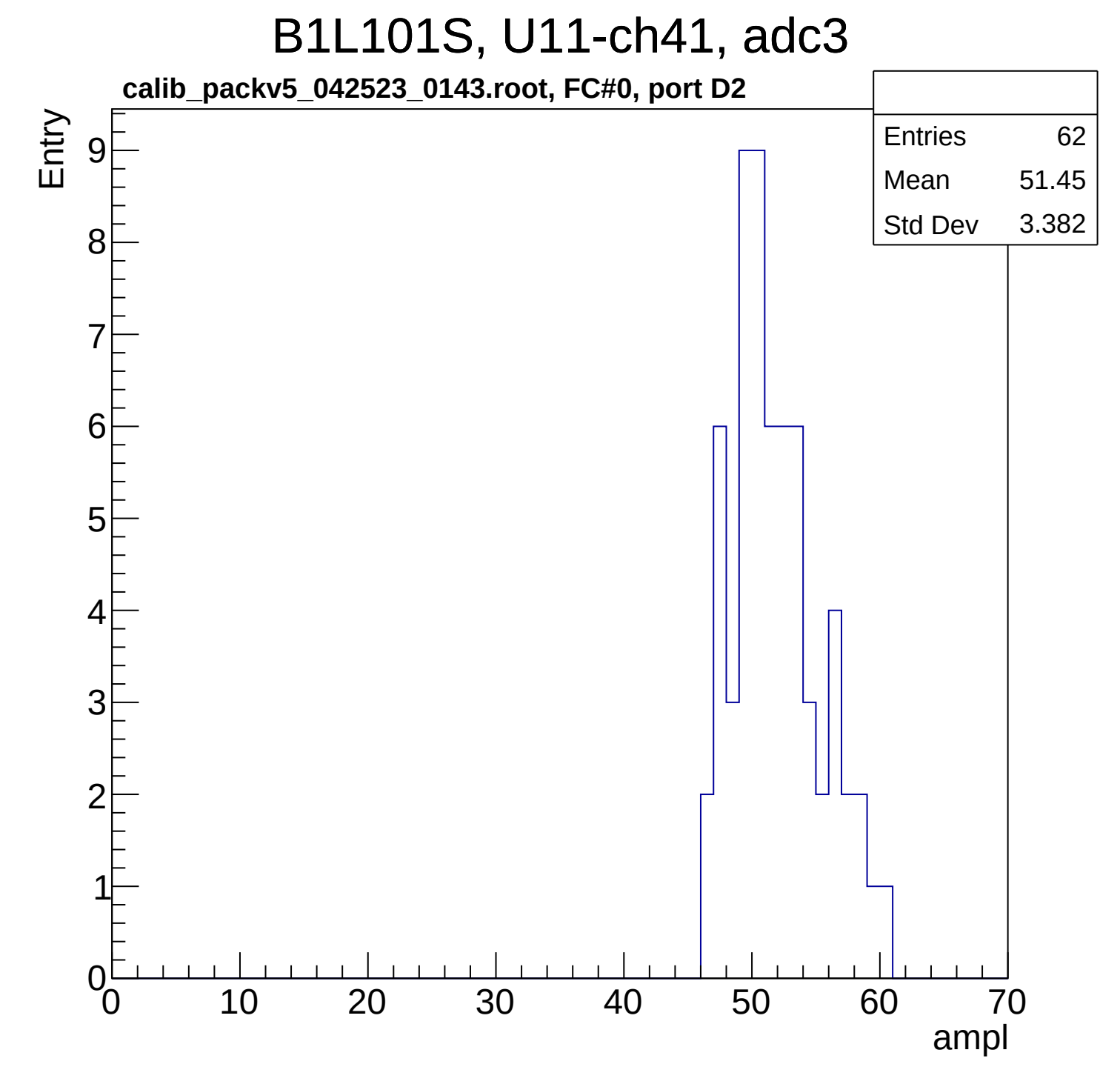

B1L101S, U11-ch41, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 77
Mean 38.23
Std Dev 3.426
Gaus mean : 38.6417
Gaus Width: 3.5639
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch41, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 45.16
Std Dev 3.364
Gaus mean : 45.2871
Gaus Width: 2.3384
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch41, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 51.45
Std Dev 3.382
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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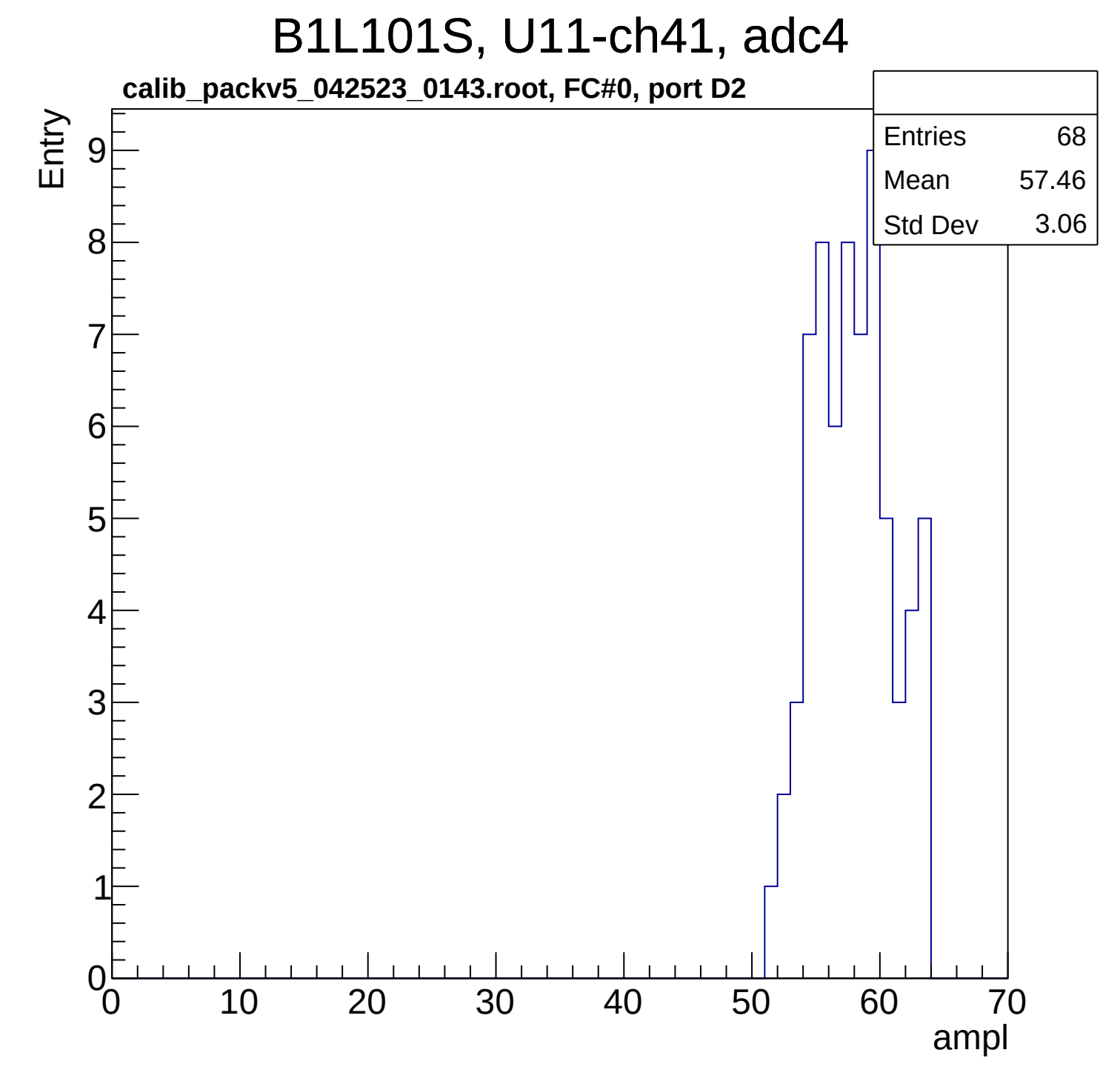
B1L101S, U11-ch41, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 57.46
Std Dev 3.06
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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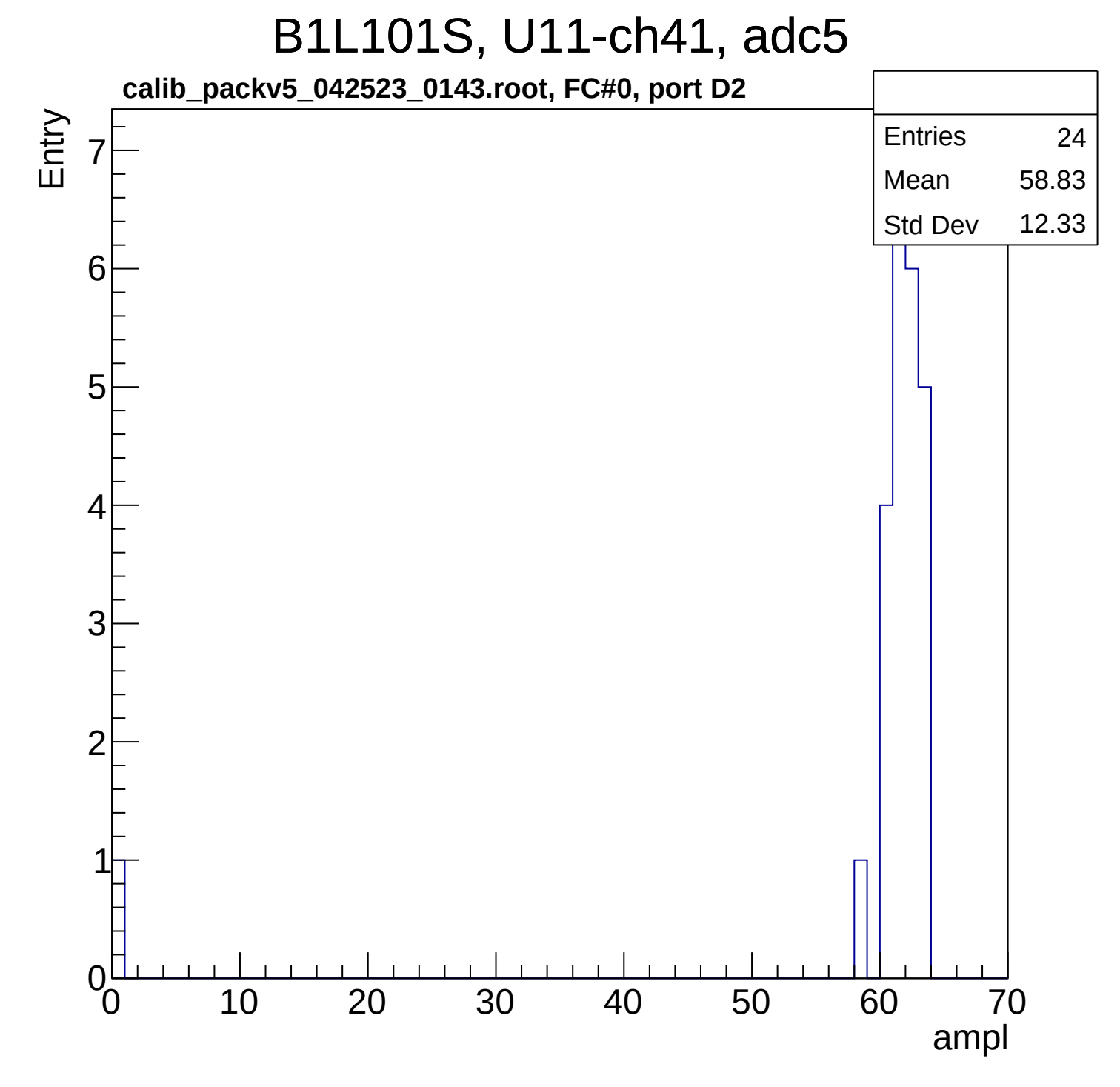
B1L101S, U11-ch41, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 24
Mean 58.83
Std Dev 12.33
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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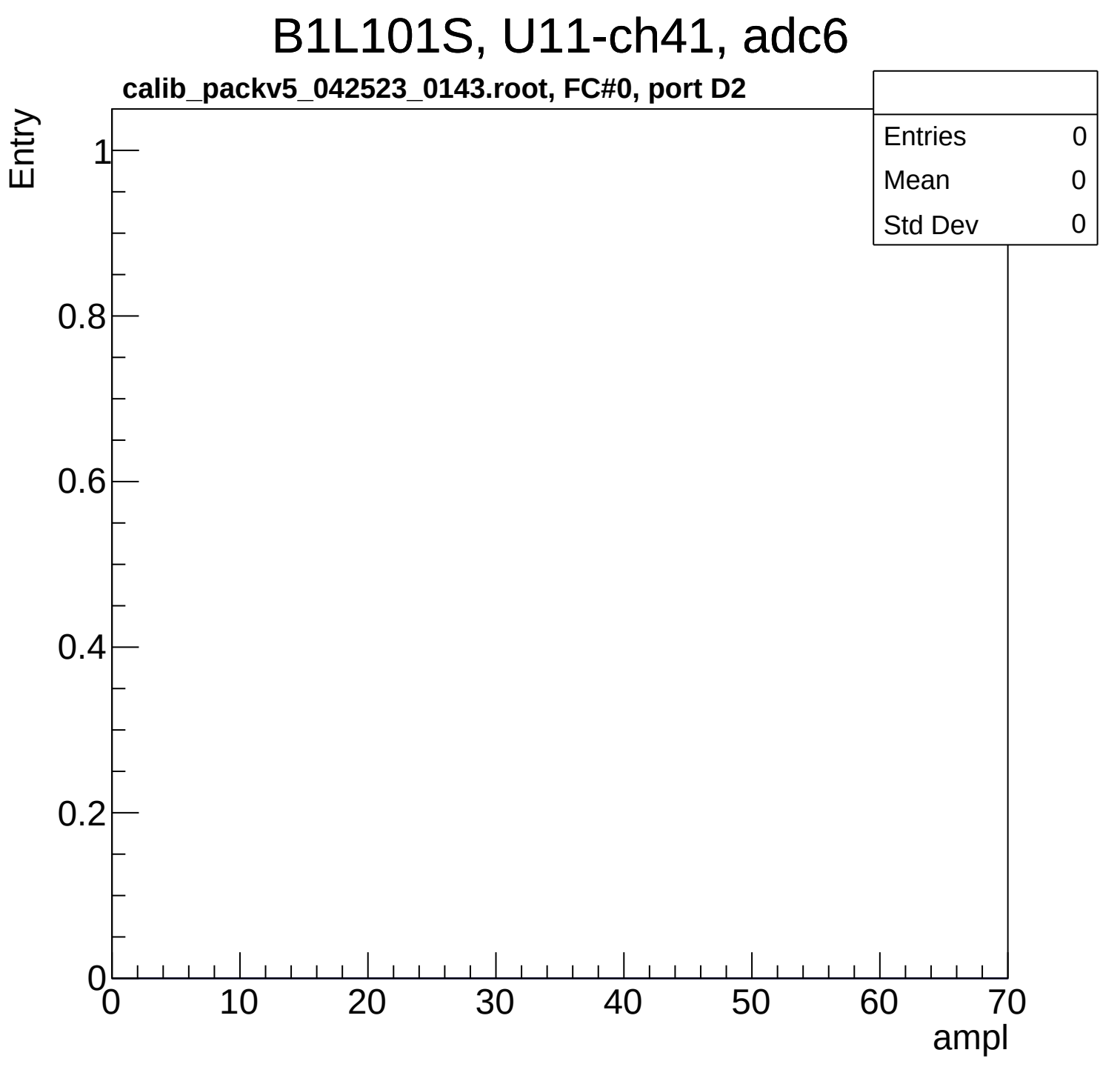
B1L101S, U11-ch41, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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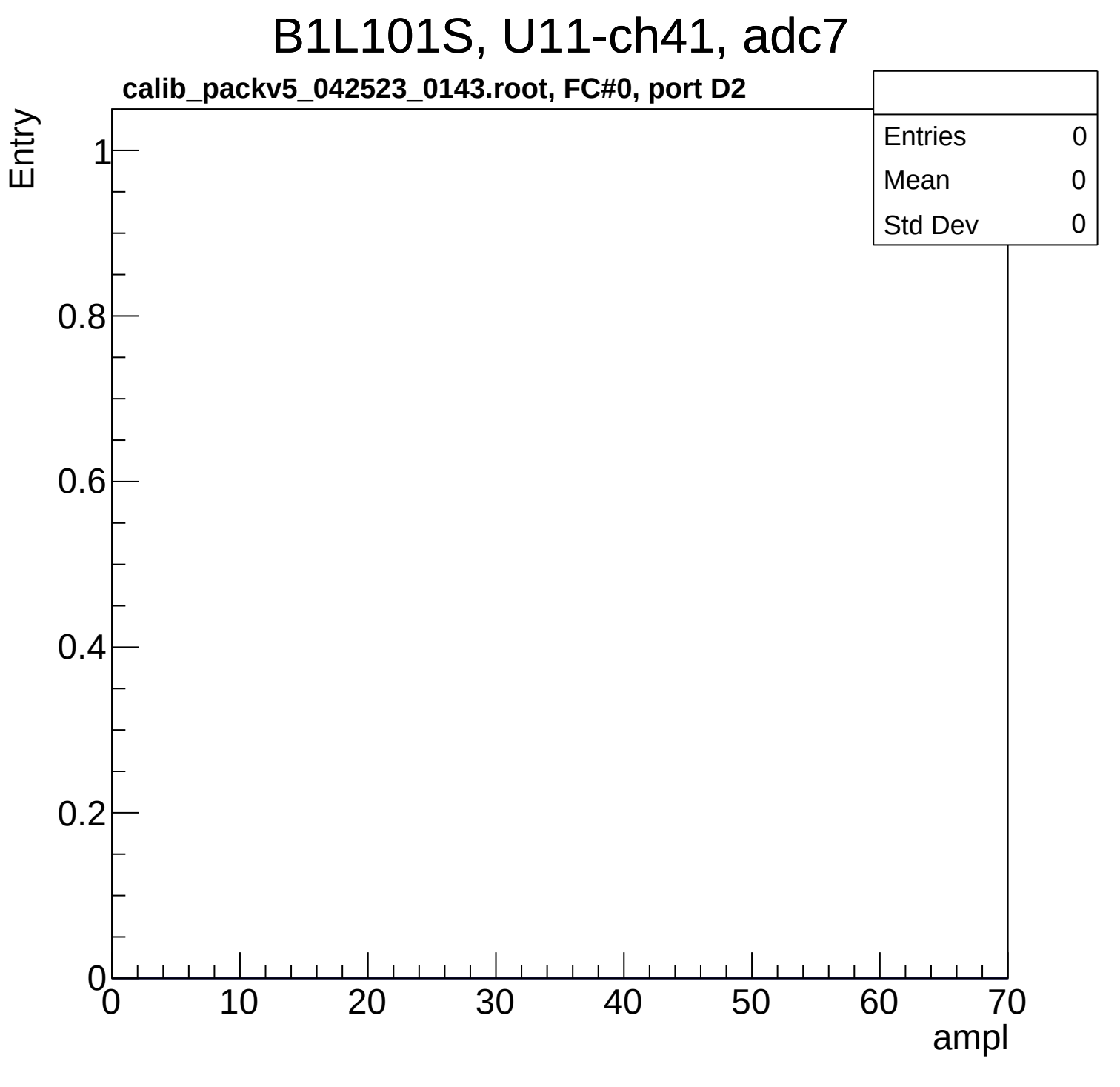
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch41, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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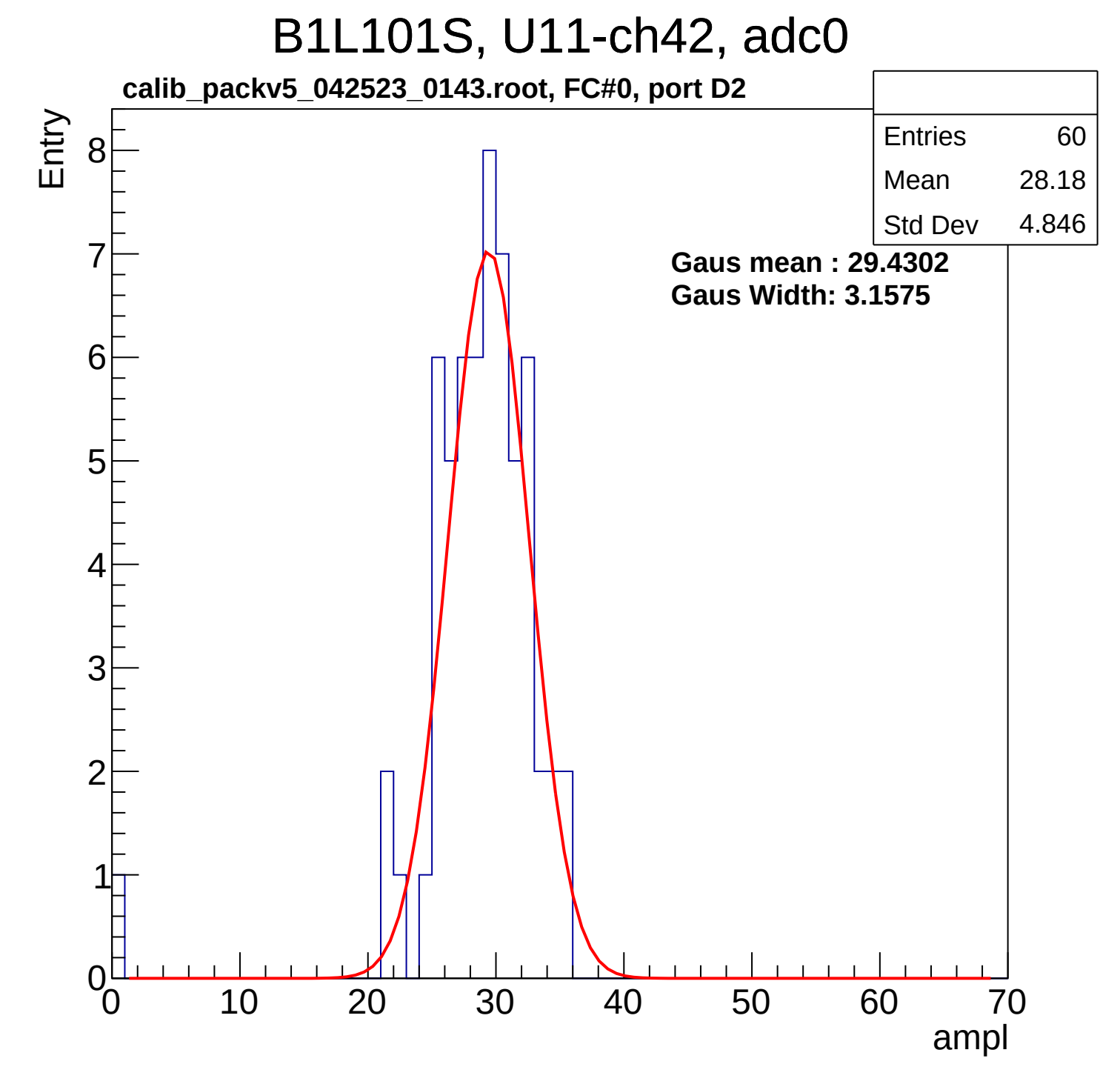
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch42, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 28.18
Std Dev 4.846
Gaus mean : 29.4302
Gaus Width: 3.1575
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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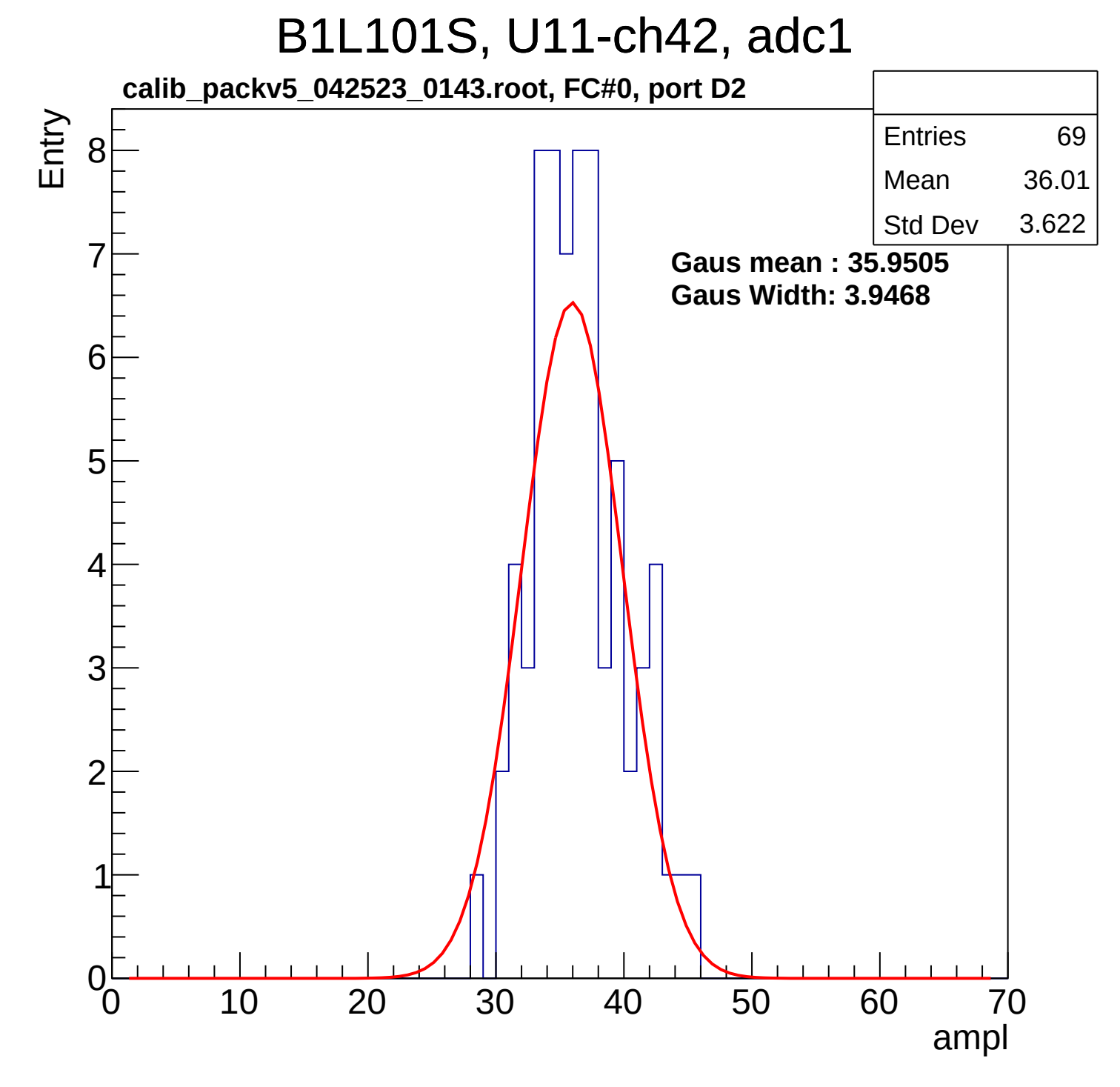
B1L101S, U11-ch42, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 36.01
Std Dev 3.622
Gaus mean : 35.9505
Gaus Width: 3.9468
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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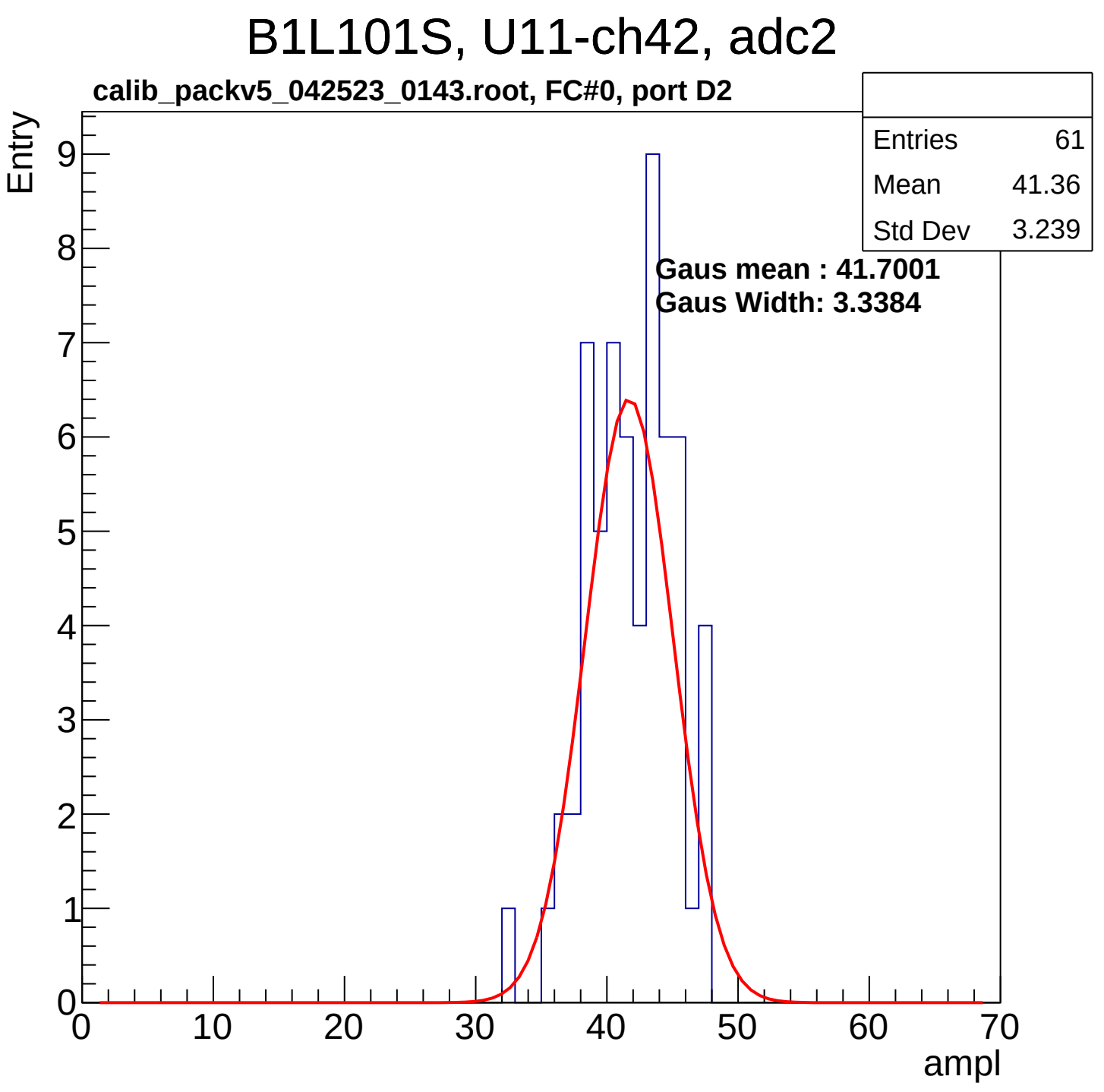
B1L101S, U11-ch42, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 41.36
Std Dev 3.239
Gaus mean : 41.7001
Gaus Width: 3.3384
Entry
ampl
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10
20
30
40
50
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1
2
3
4
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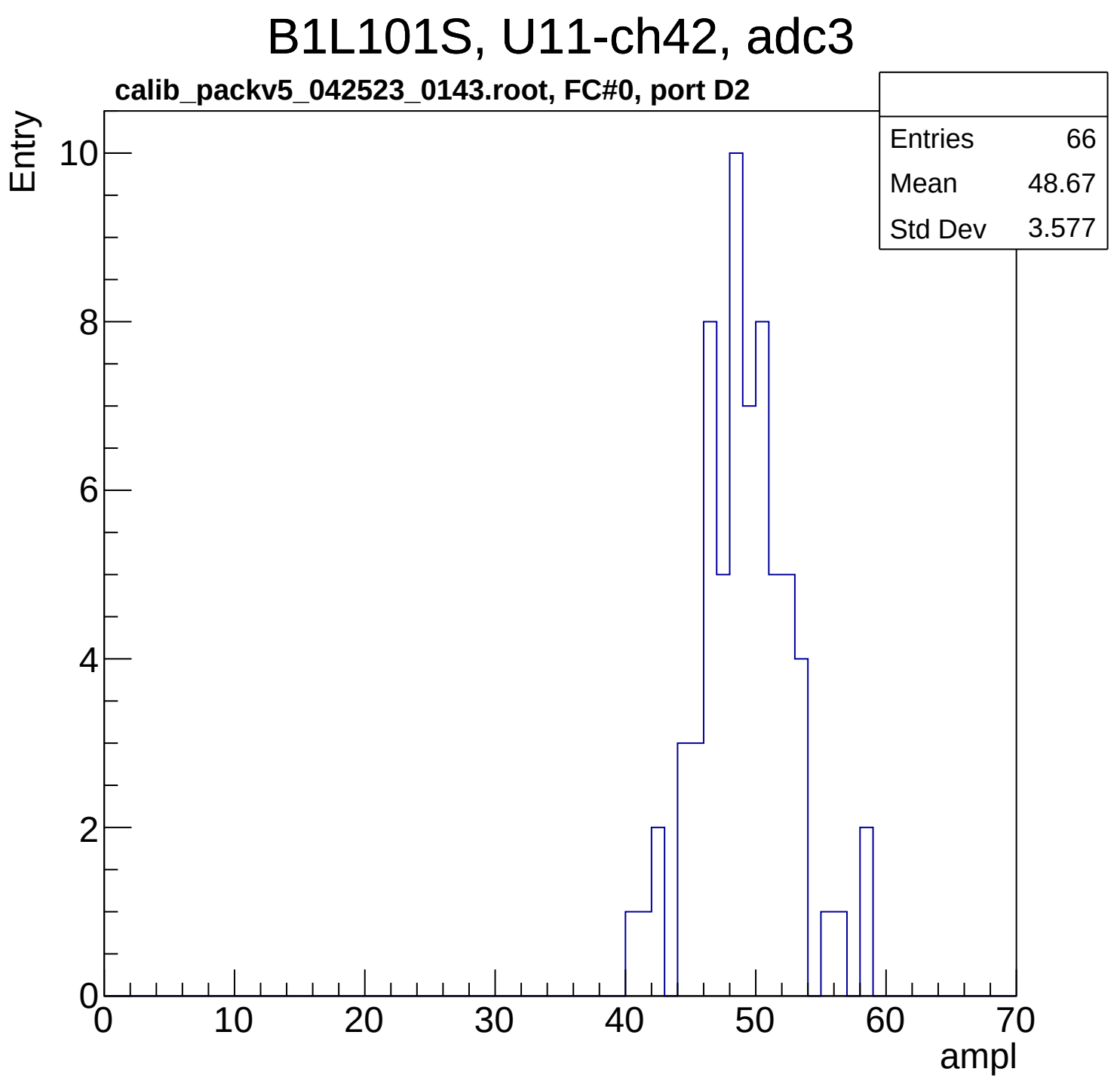
6
7
8
9


B1L101S, U11-ch42, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 48.67
Std Dev 3.577
Entry
ampl
0
2
4
6
8
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0
10
20
30
40
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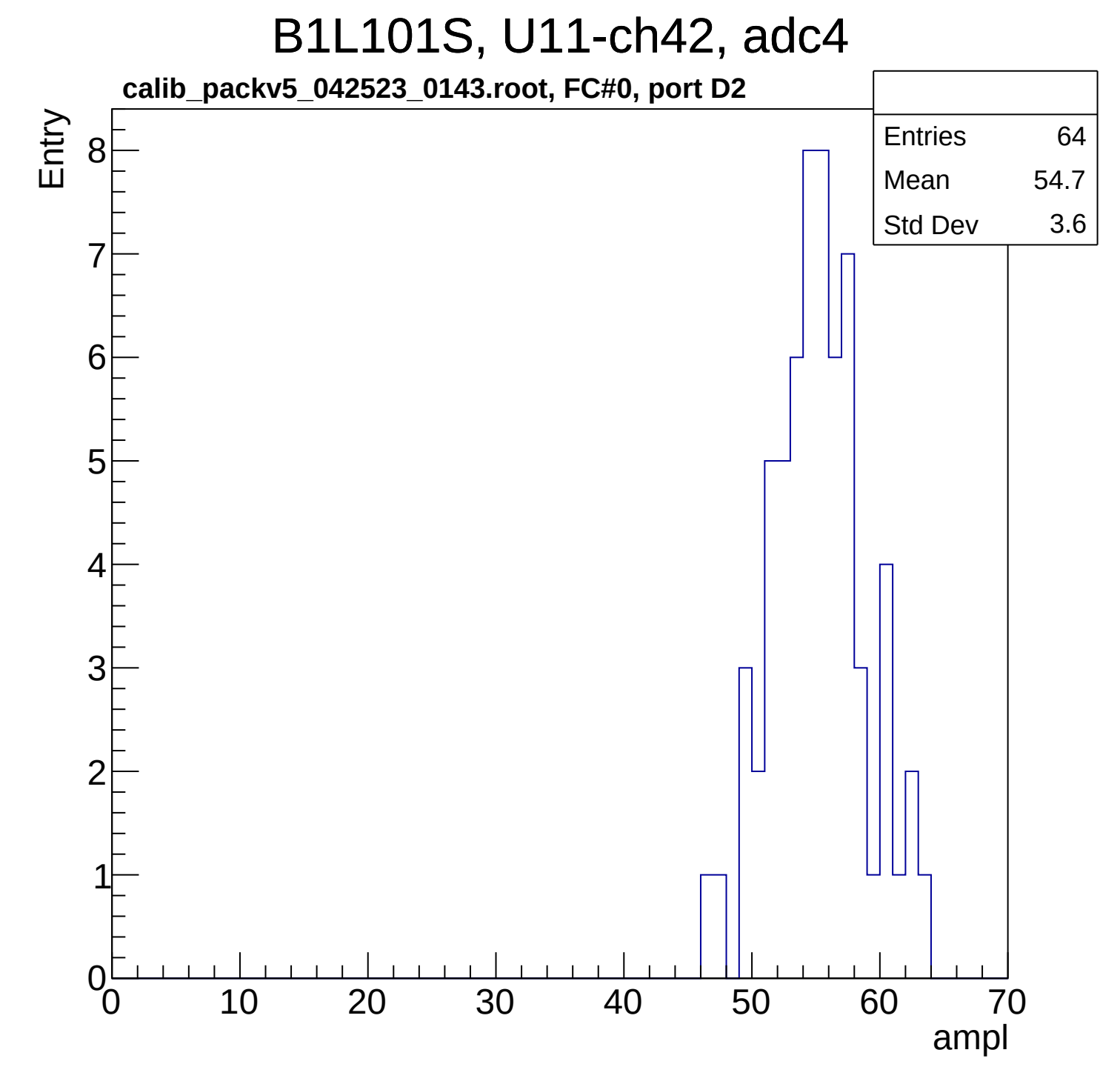
60
70


B1L101S, U11-ch42, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 54.7
Std Dev 3.6
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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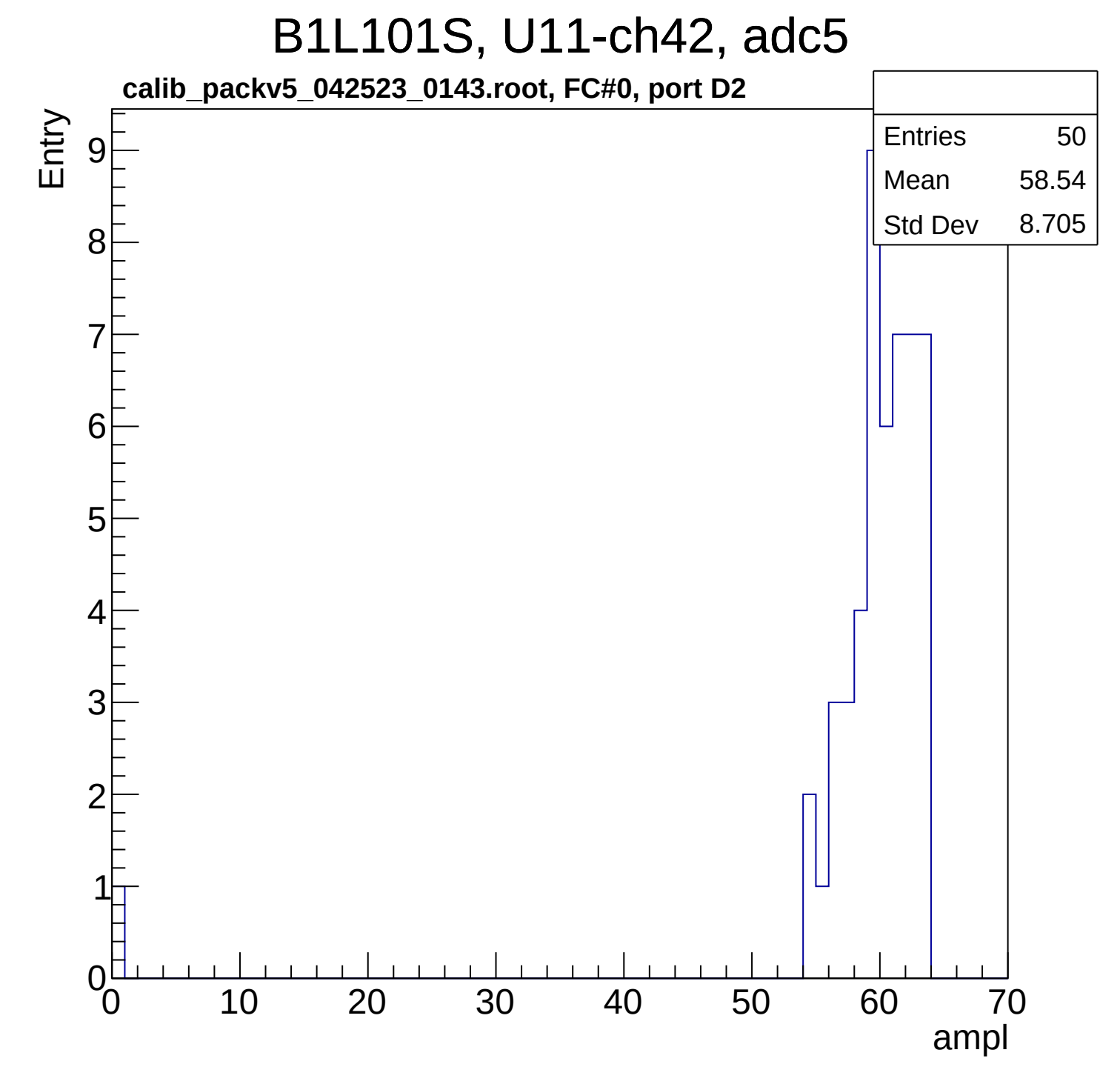
B1L101S, U11-ch42, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 50
Mean 58.54
Std Dev 8.705
Entry
ampl
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3
4
5
6
7
8
9
0
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30
40
50
60
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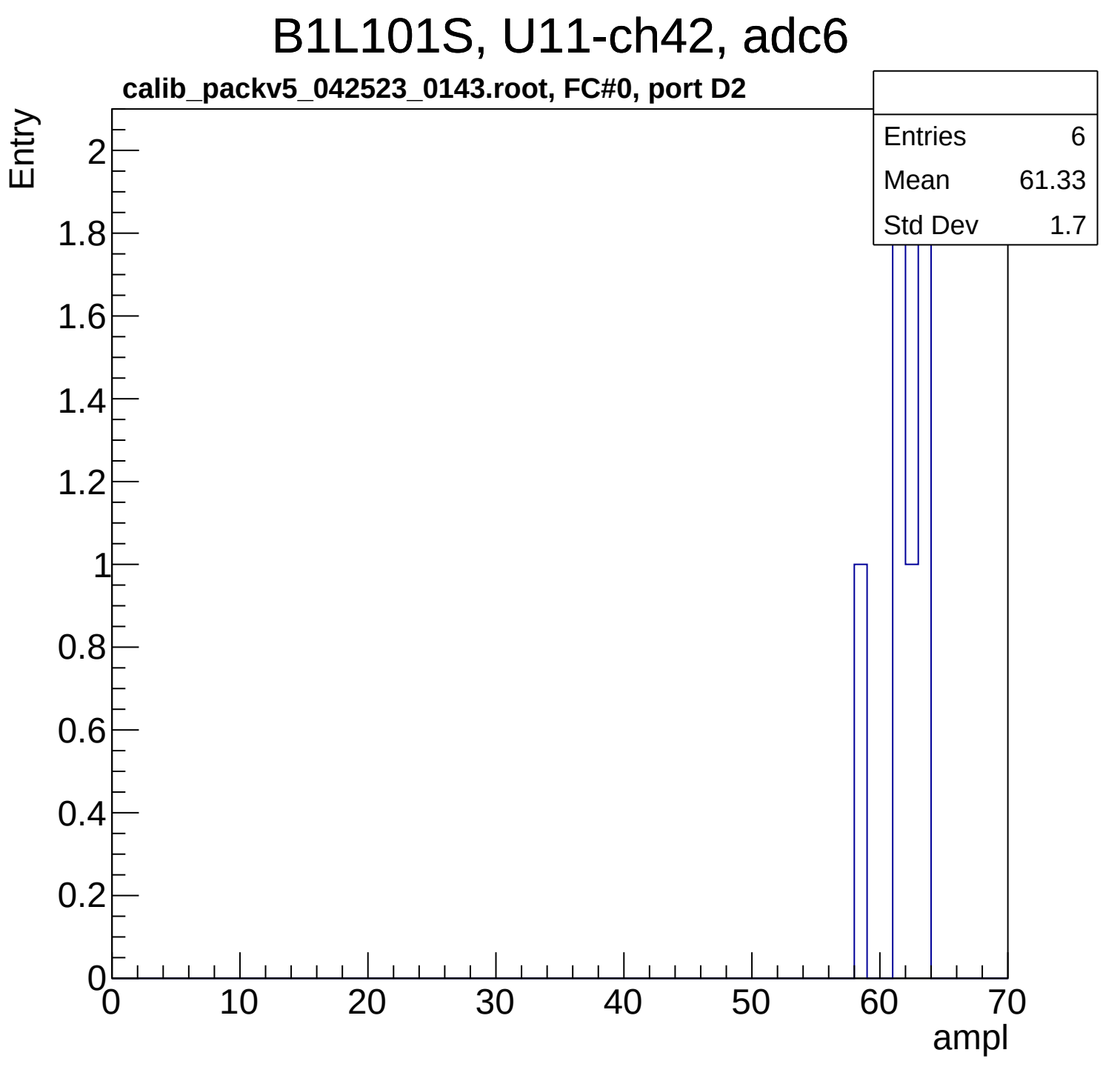
B1L101S, U11-ch42, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 6
Mean 61.33
Std Dev 1.7
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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40
50
60
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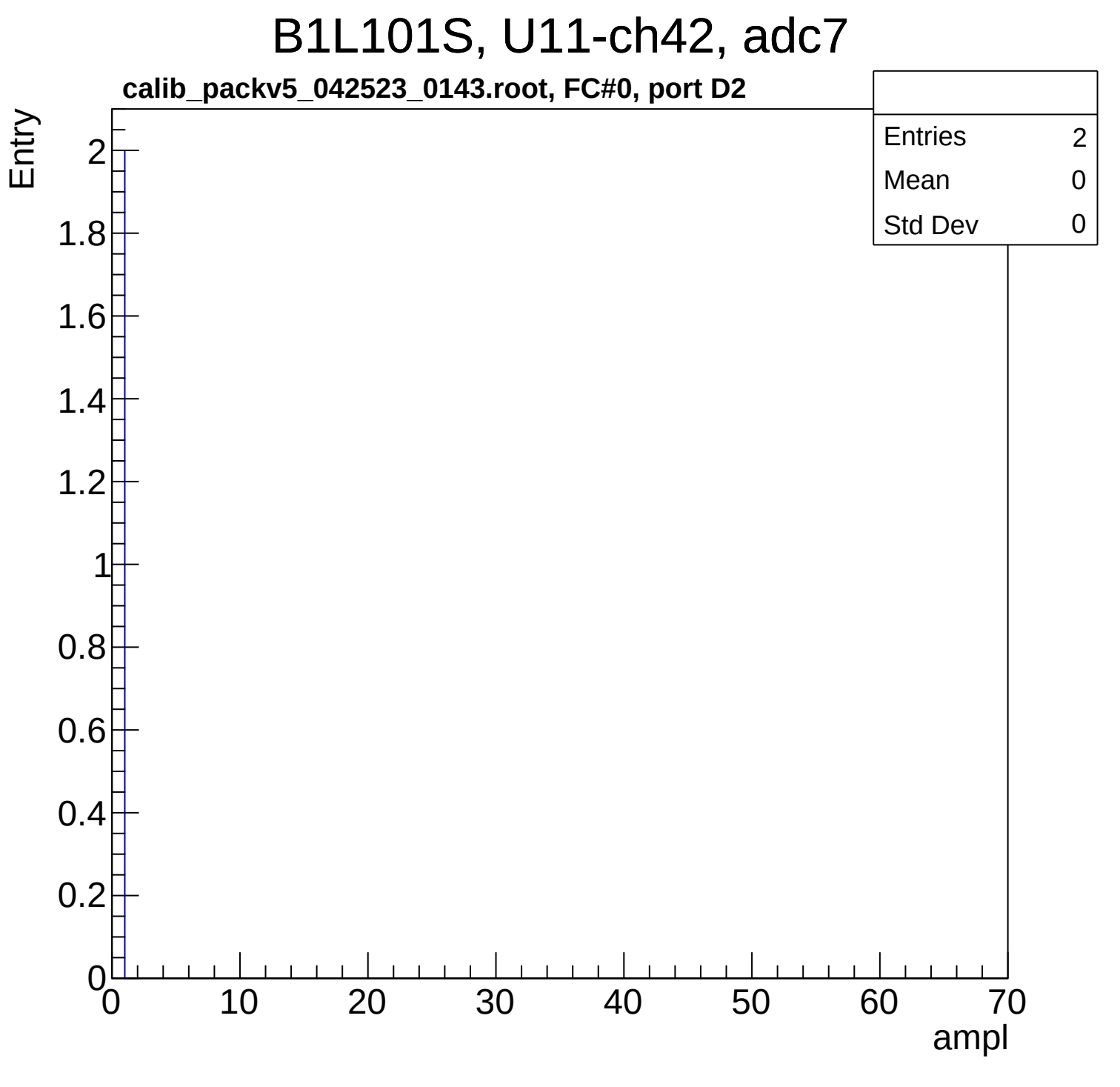
B1L101S, U11-ch42, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
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0.6
0.4
0.2
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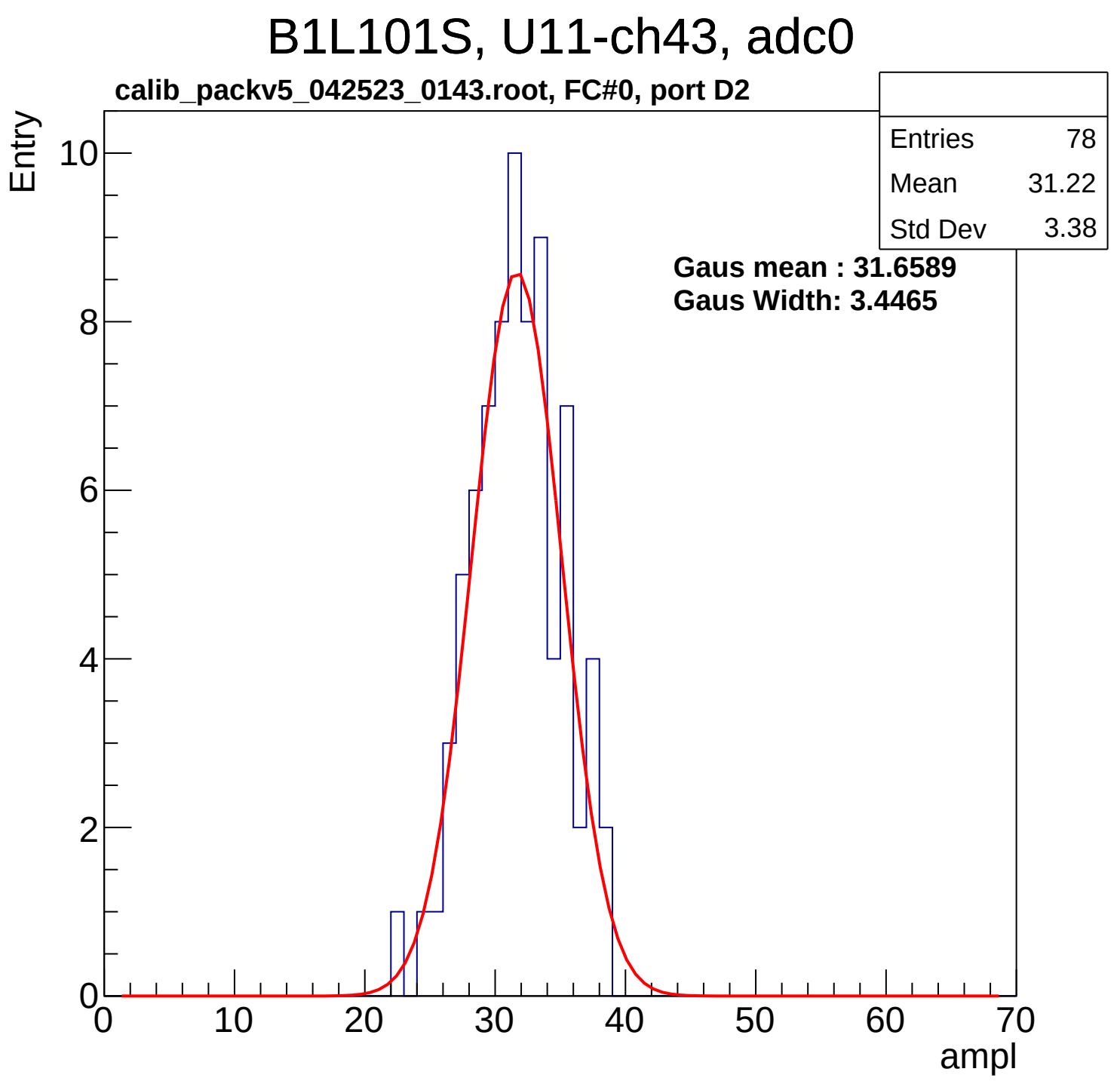
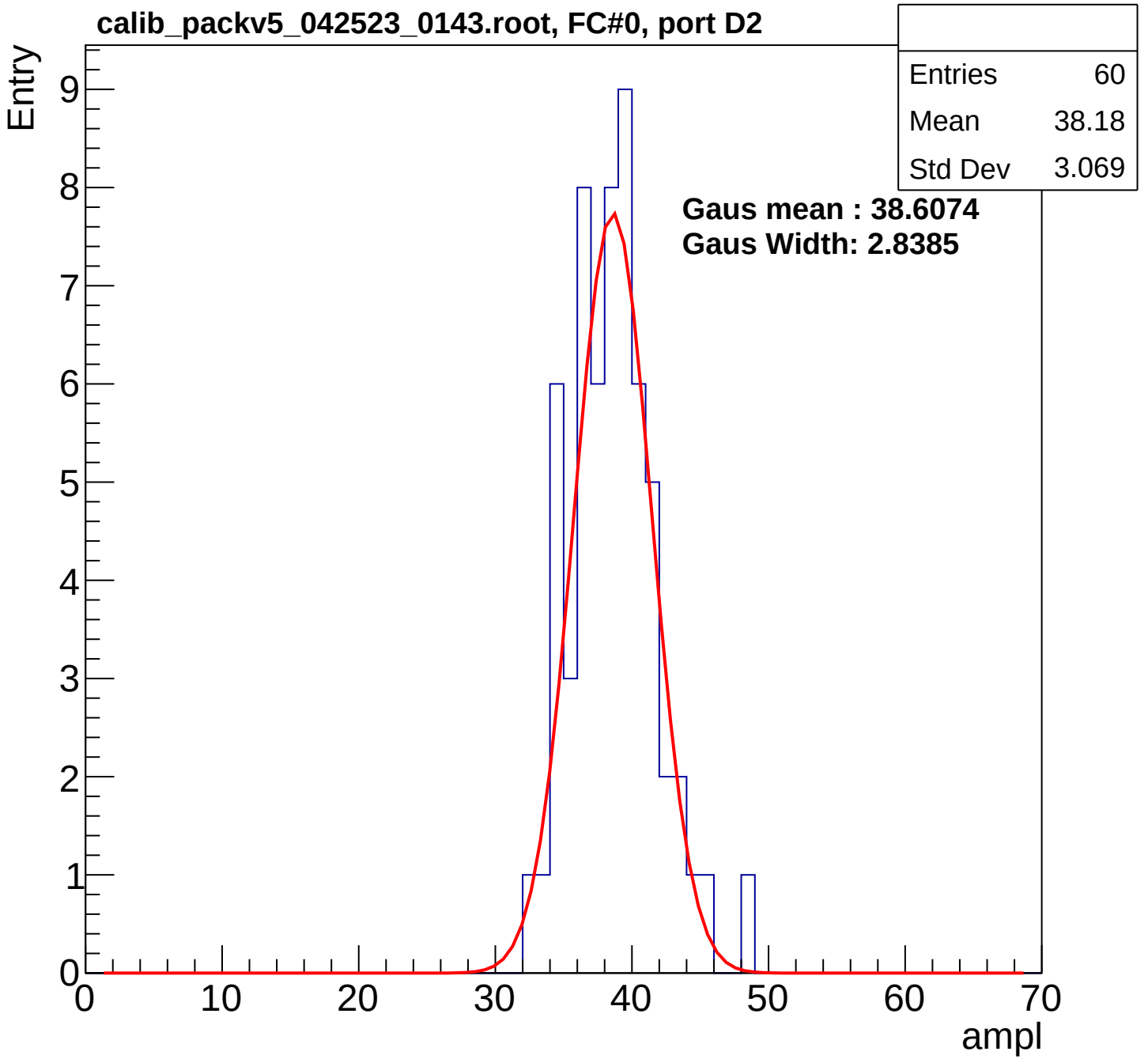
50
60
70
ampl


B1L101S, U11-ch43, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 78
Mean 31.22
Std Dev 3.38
Gaus mean : 31.6589
Gaus Width: 3.4465
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch43, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 38.18
Std Dev 3.069
Gaus mean : 38.6074
Gaus Width: 2.8385
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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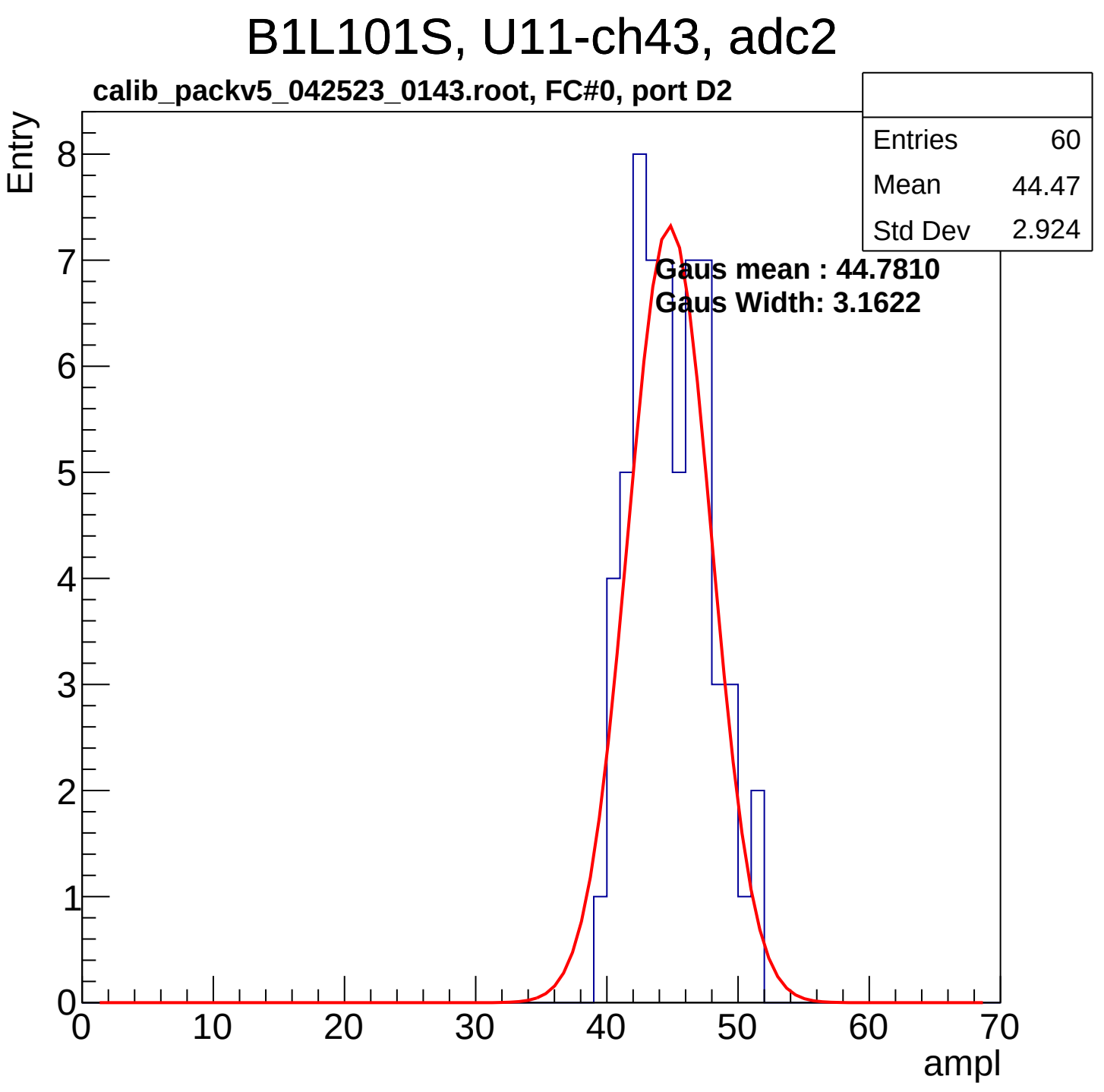
B1L101S, U11-ch43, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 44.47
Std Dev 2.924
Gaus mean : 44.7810
Gaus Width: 3.1622
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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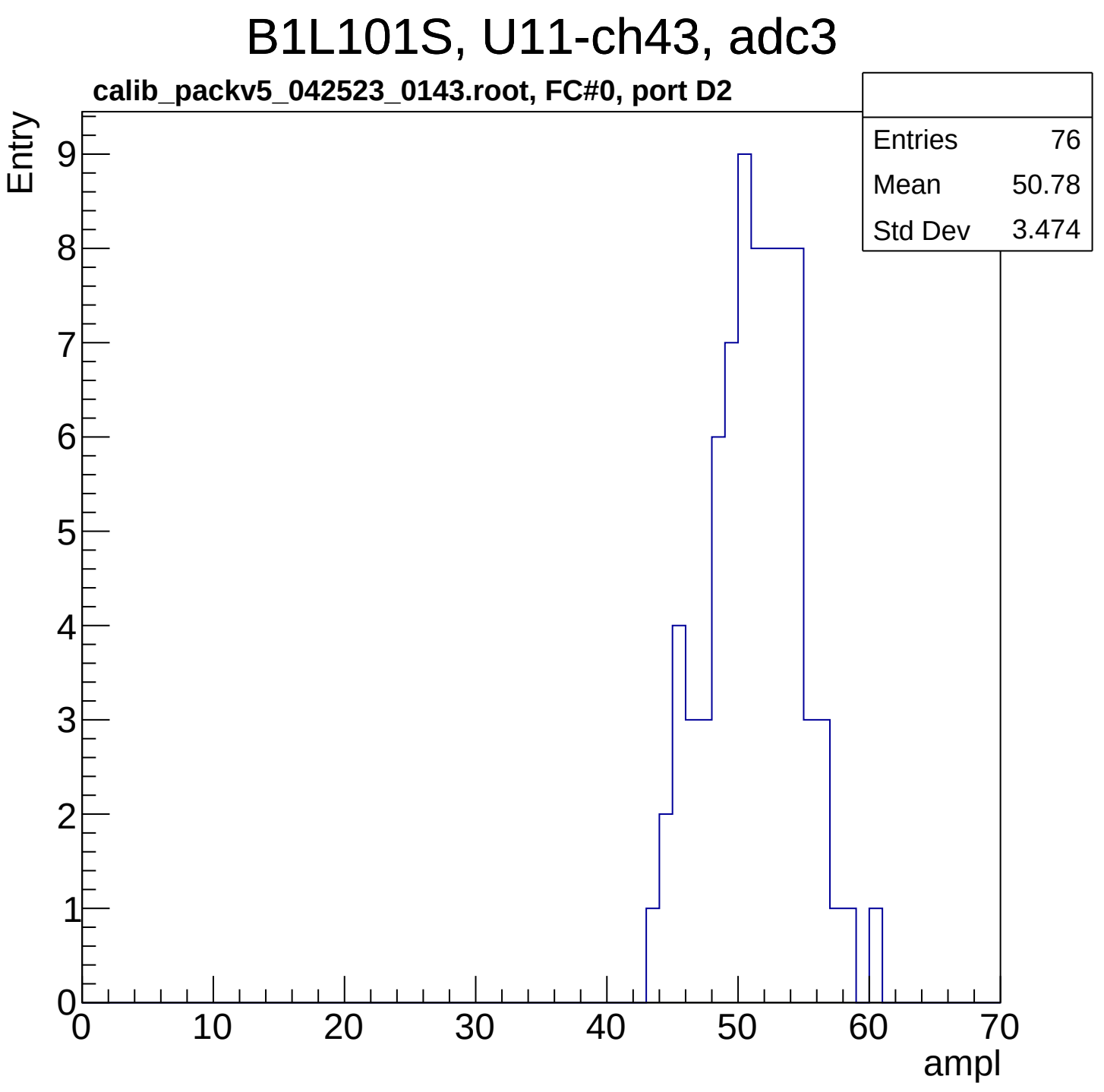
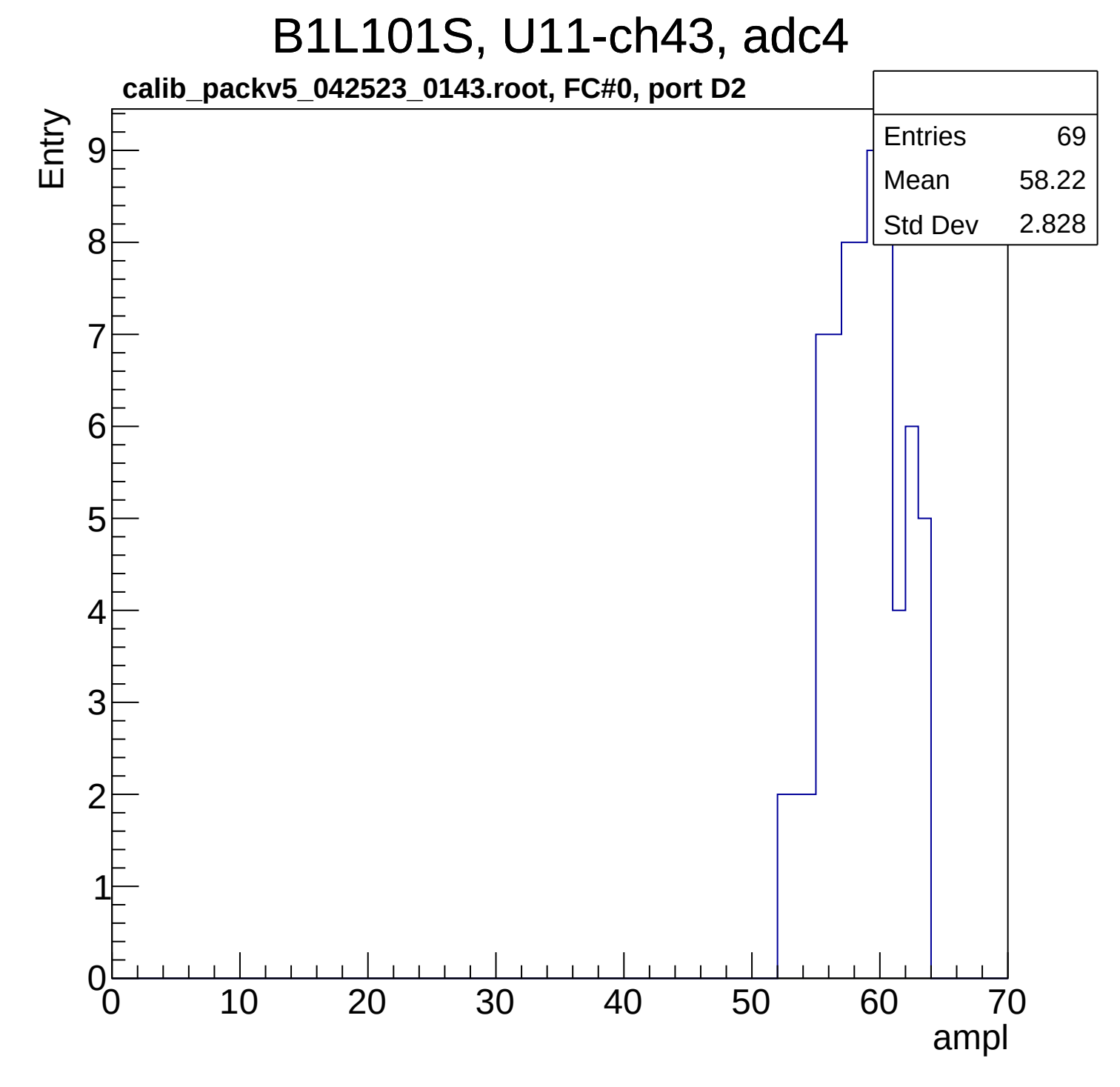

B1L101S, U11-ch43, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 50.78
Std Dev 3.474
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch43, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 58.22
Std Dev 2.828
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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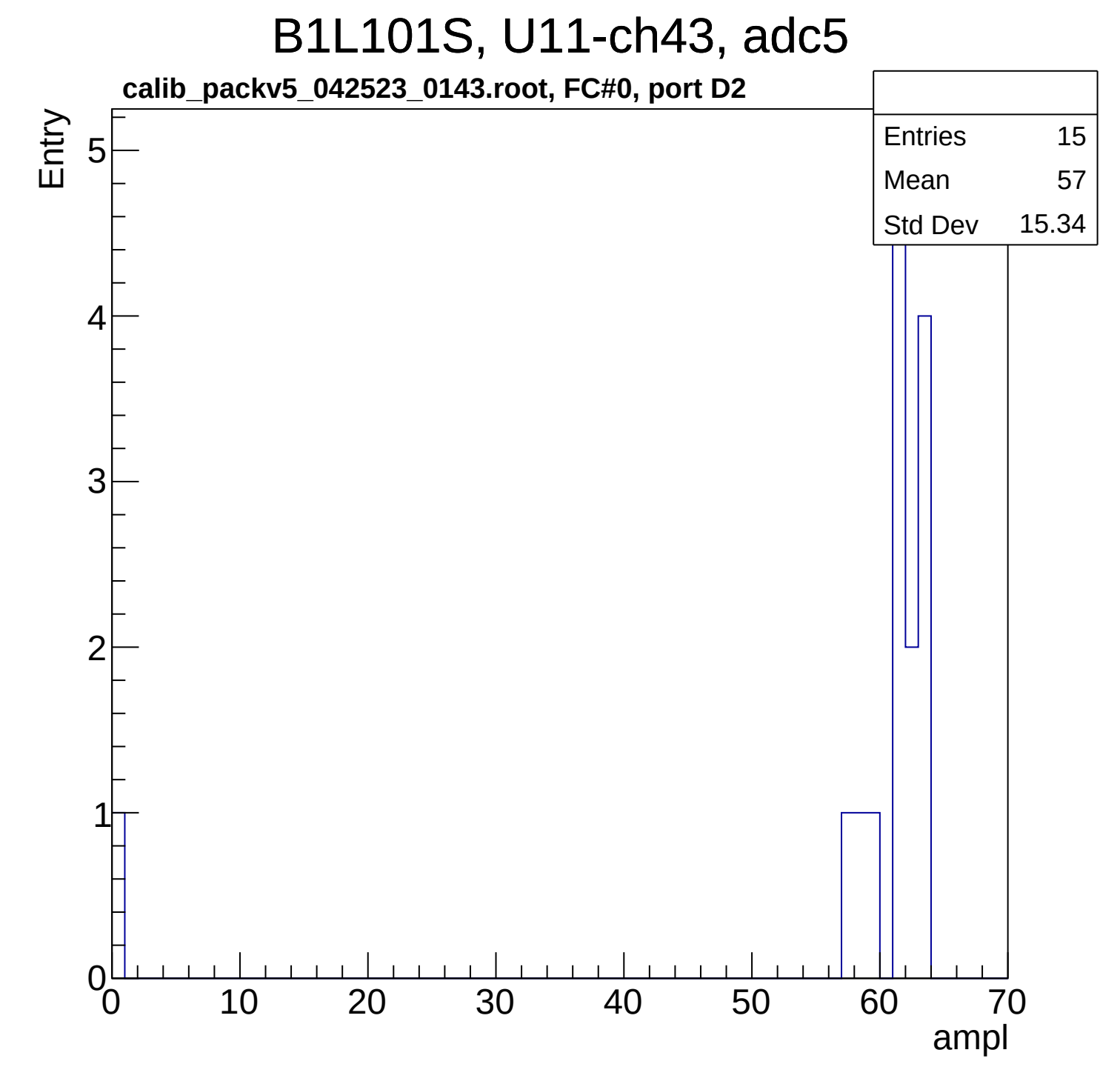
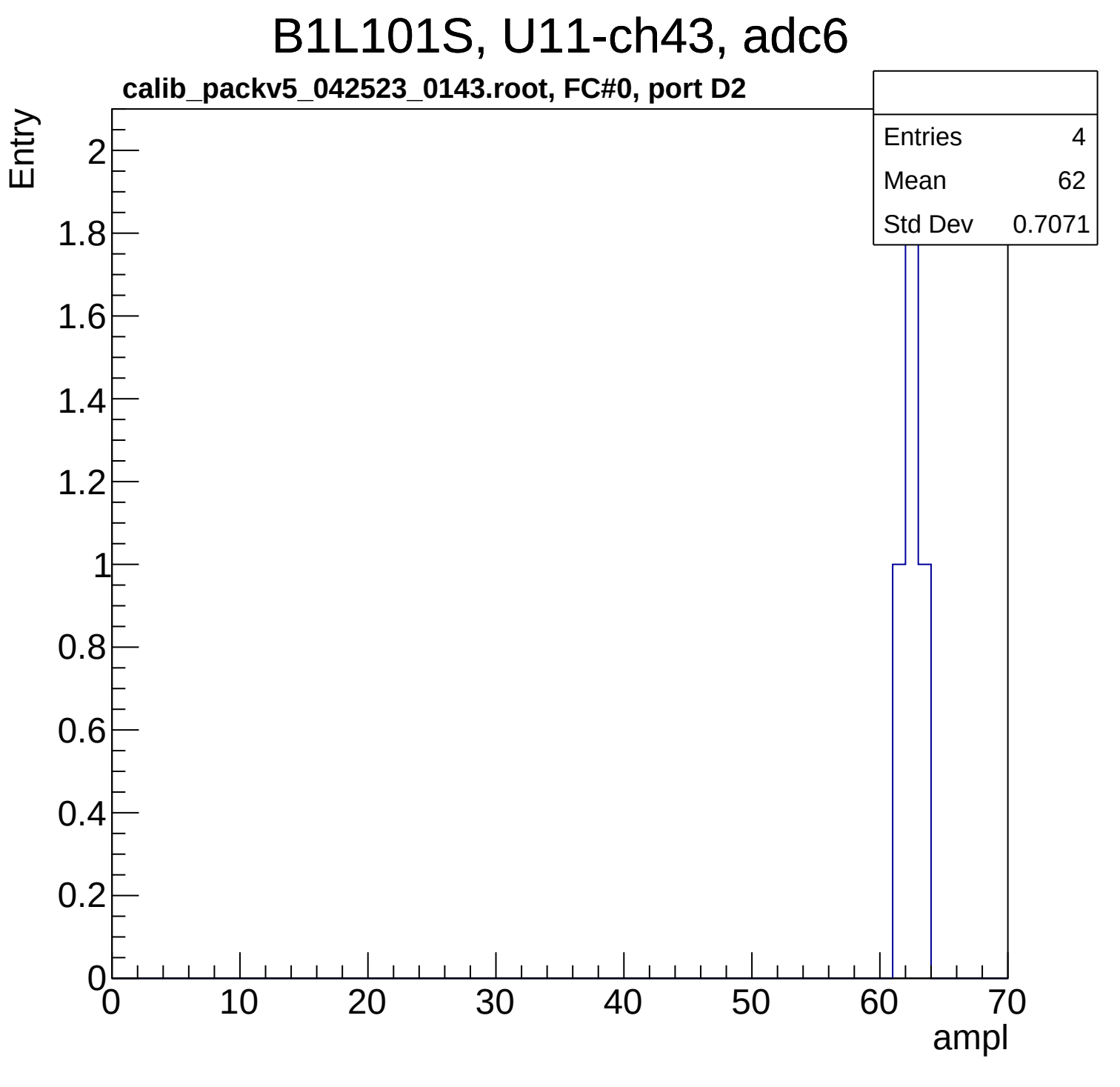

B1L101S, U11-ch43, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 15
Mean 57
Std Dev 15.34
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch43, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 62
Std Dev 0.7071
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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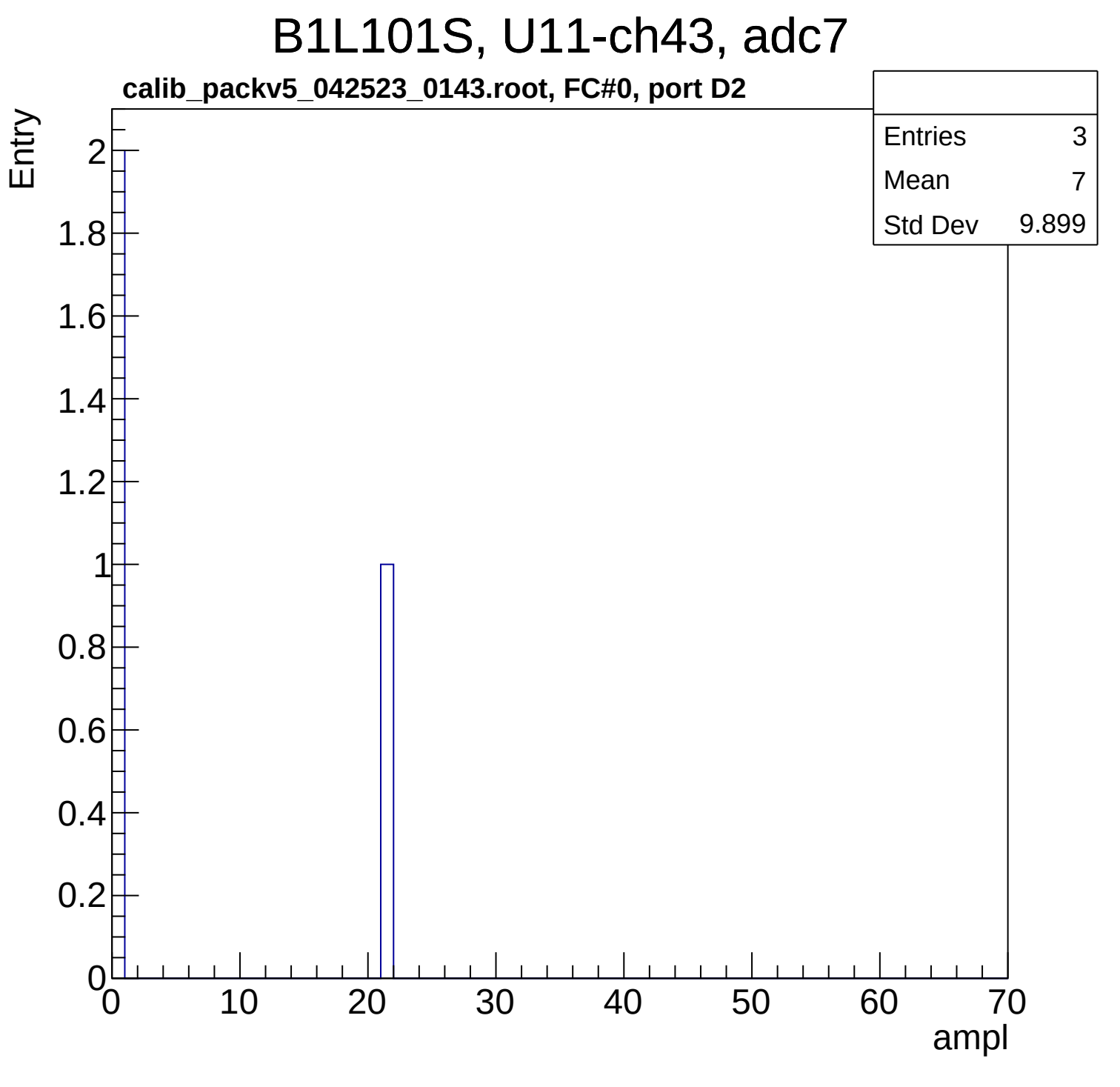
B1L101S, U11-ch43, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 7
Std Dev 9.899
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
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40
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60
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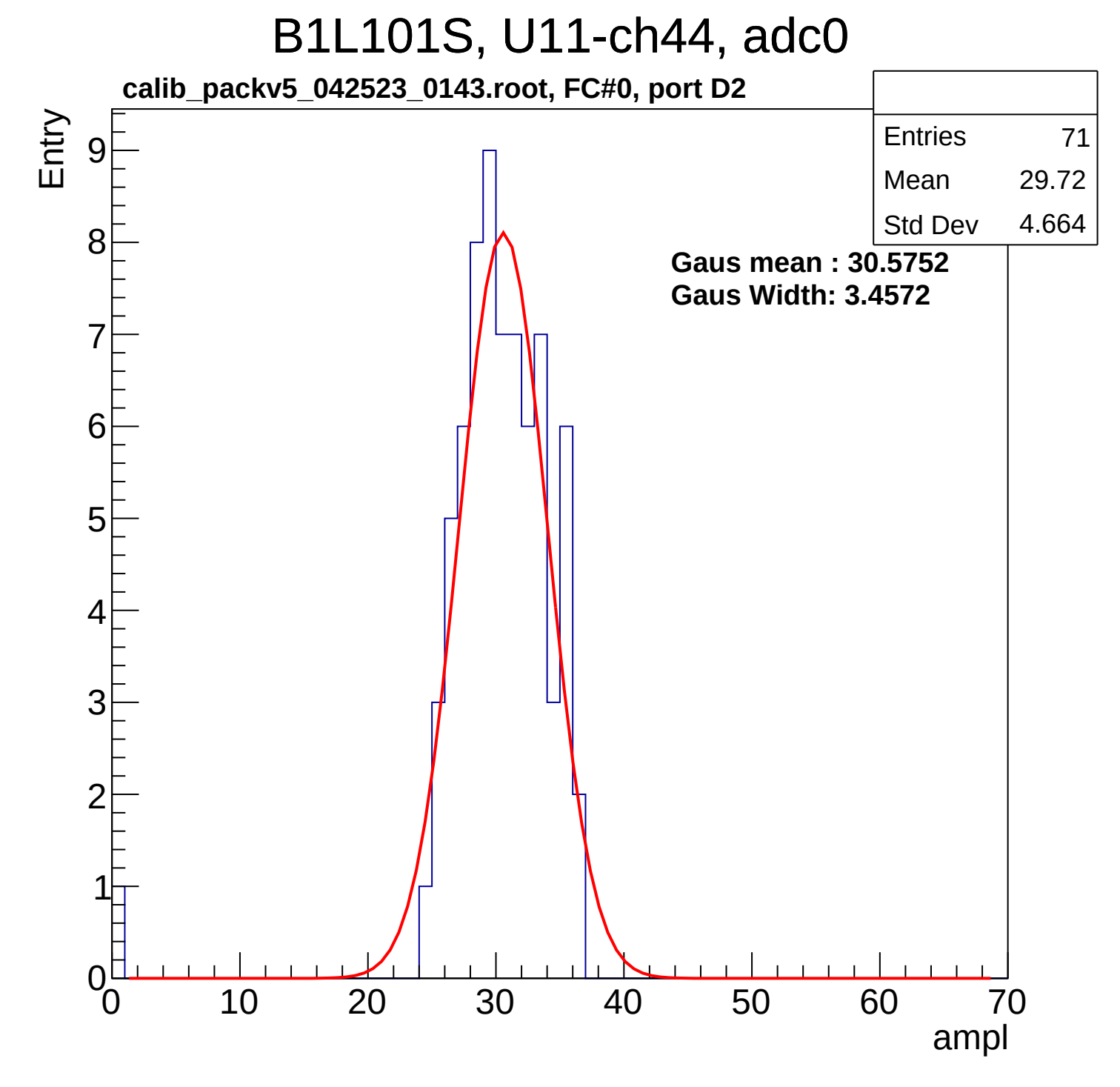
B1L101S, U11-ch44, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 29.72
Std Dev 4.664
Gaus mean : 30.5752
Gaus Width: 3.4572
Entry
ampl
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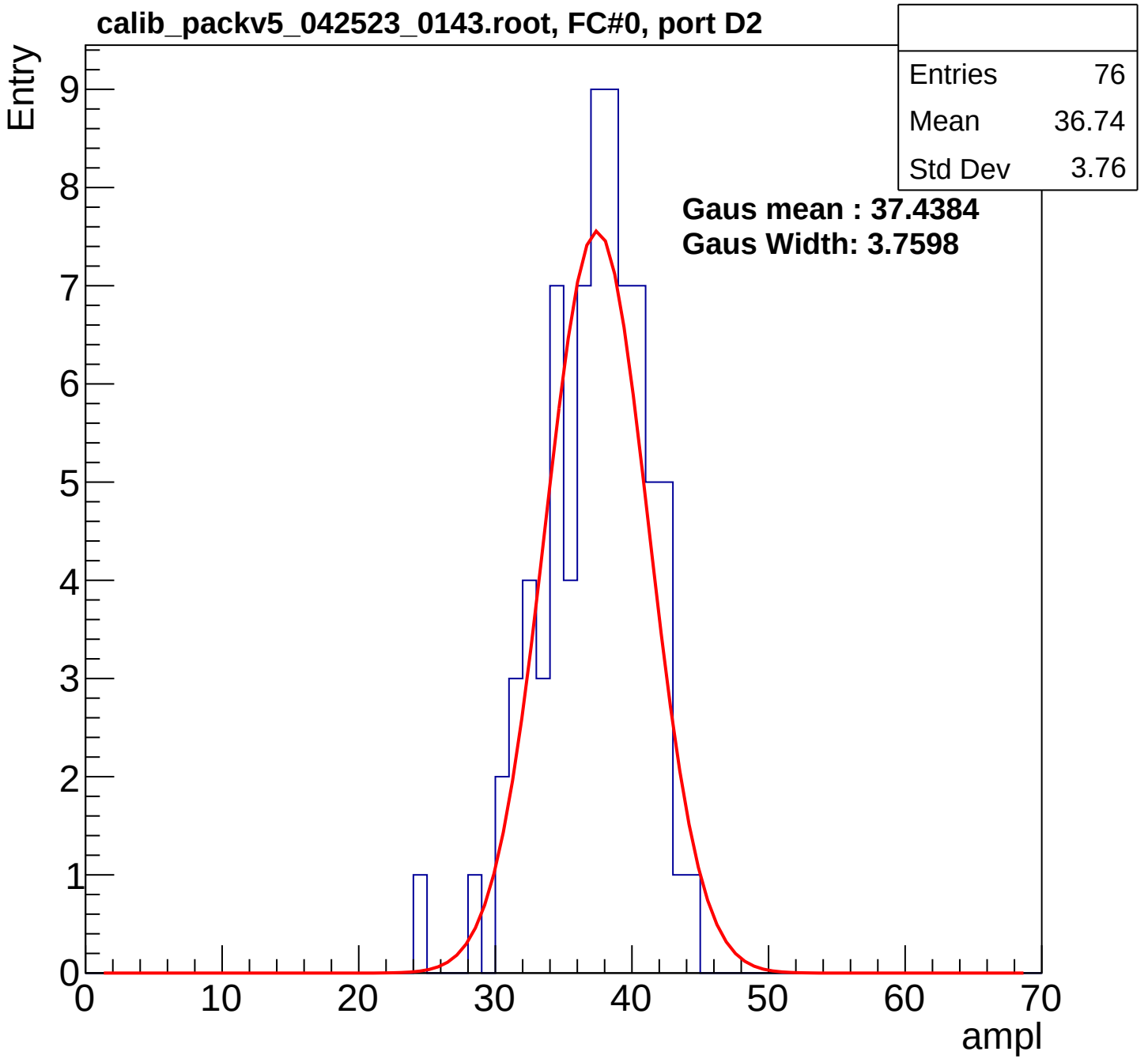
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch44, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 36.74
Std Dev 3.76
Gaus mean : 37.4384
Gaus Width: 3.7598
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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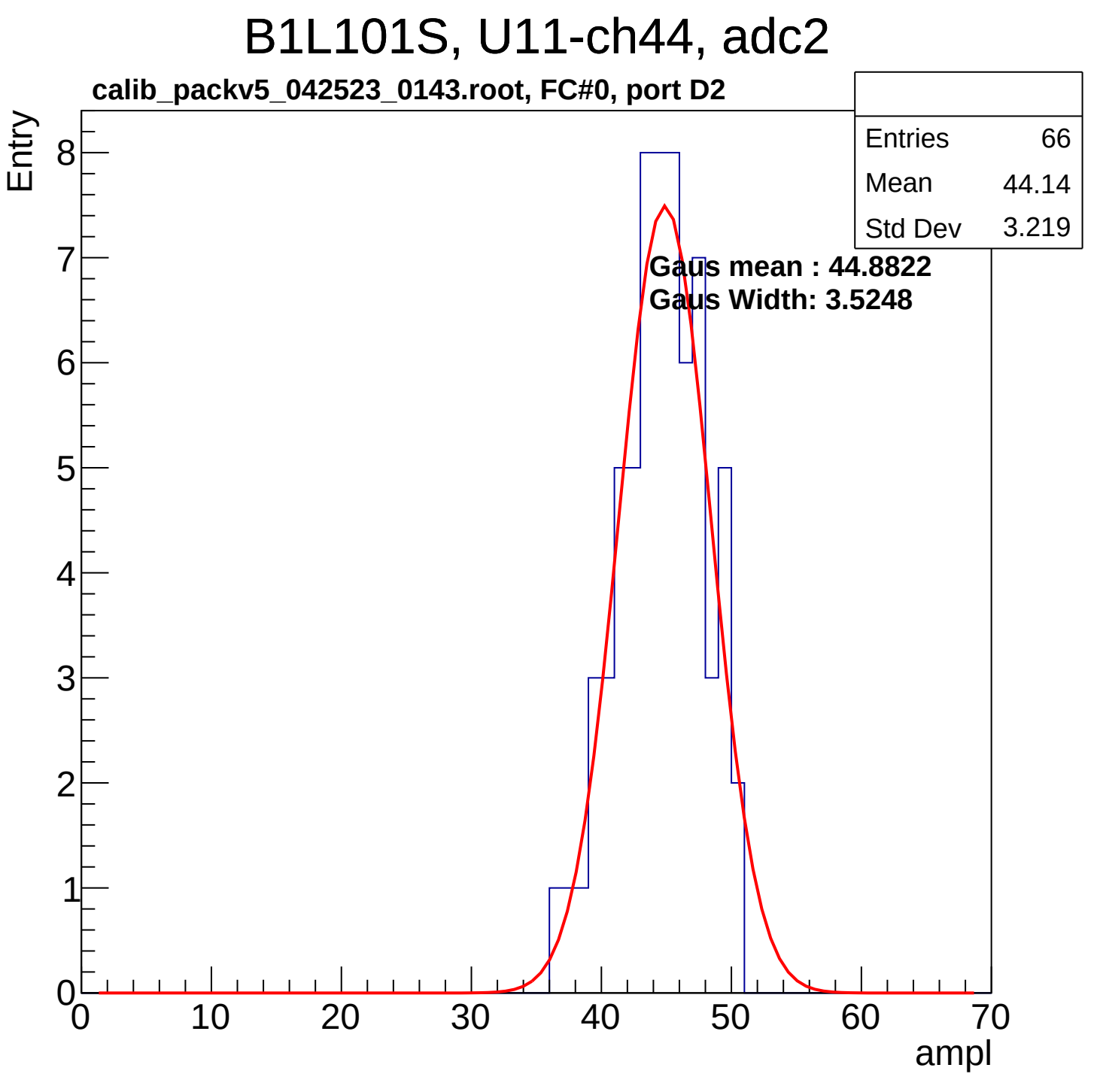
B1L101S, U11-ch44, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 44.14
Std Dev 3.219
Gaus mean : 44.8822
Gaus Width: 3.5248
Entry
ampl
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1
2
3
4
5
6
7
8
0
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60
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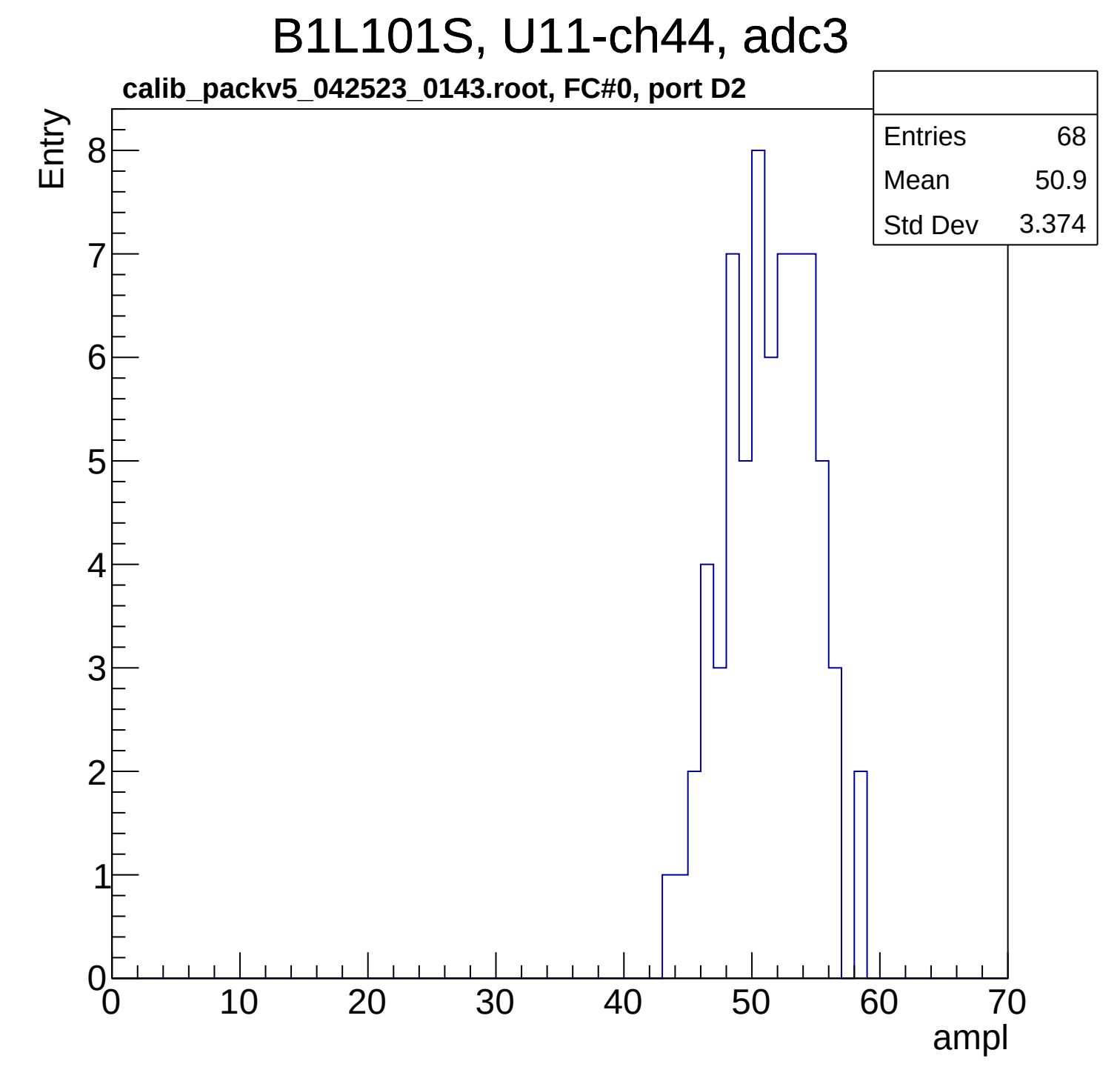
B1L101S, U11-ch44, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 50.9
Std Dev 3.374
Entry
ampl
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1
2
3
4
5
6
7
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0
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60
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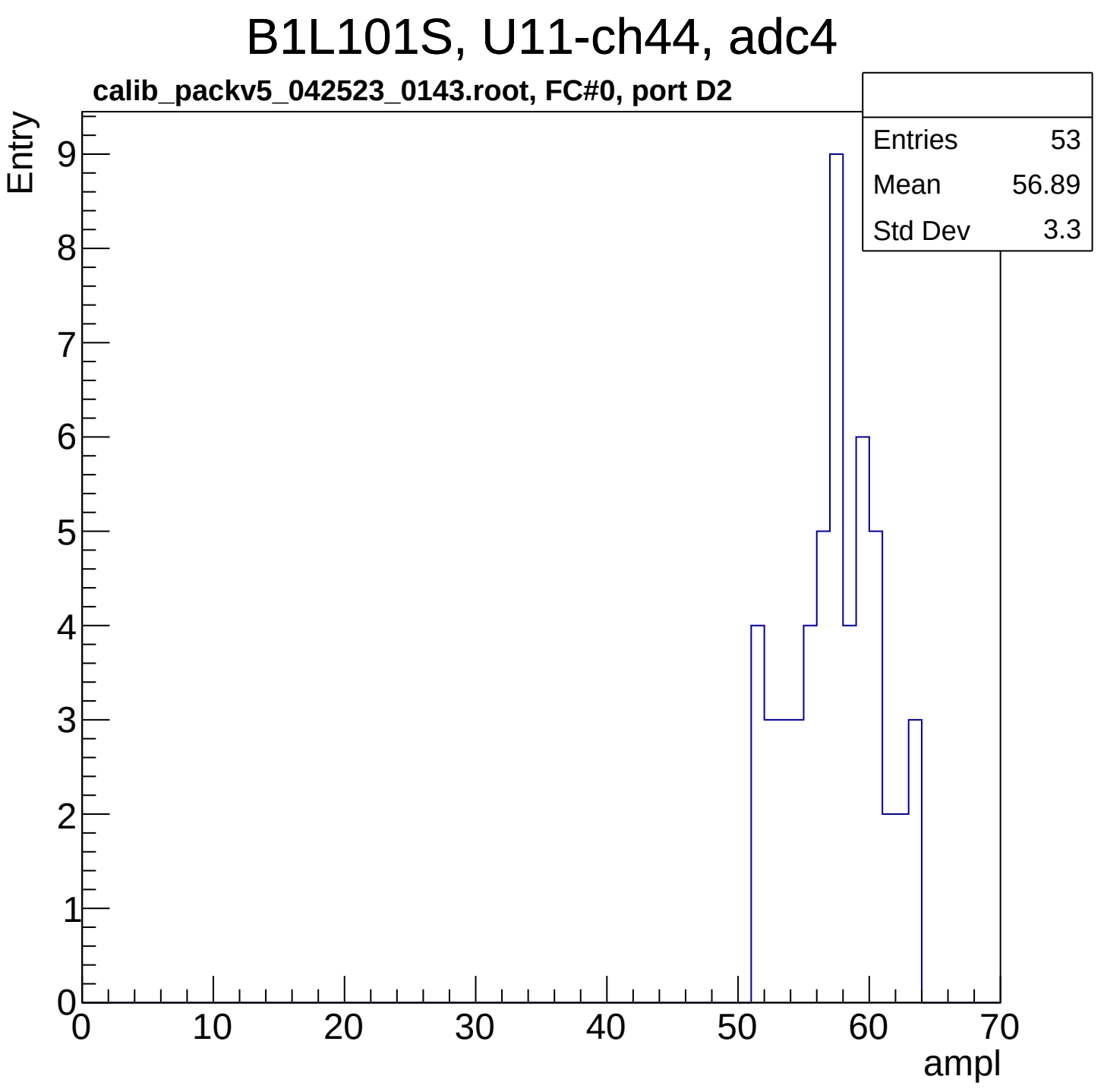
B1L101S, U11-ch44, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 56.89
Std Dev 3.3
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
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60
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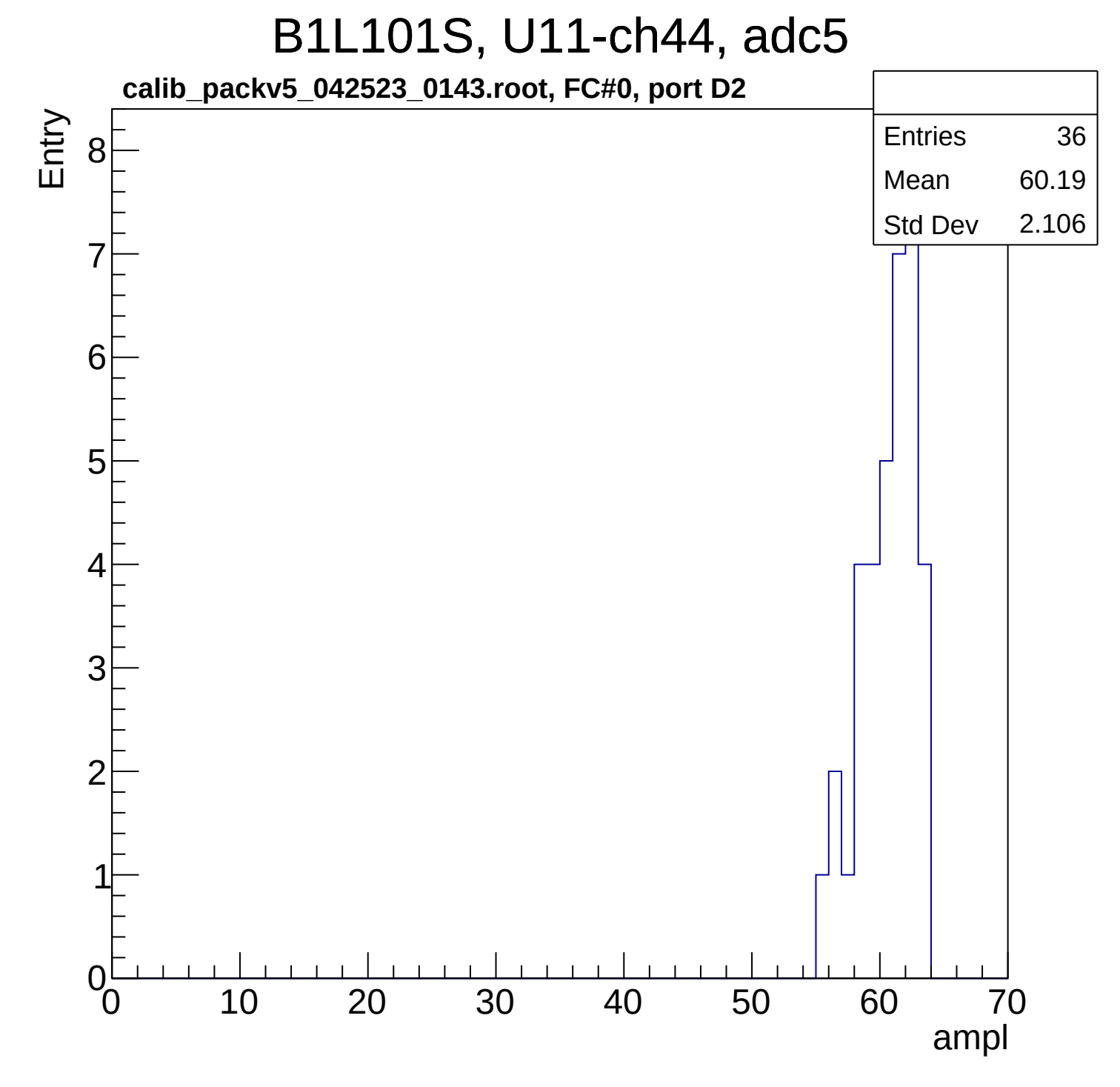
B1L101S, U11-ch44, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 36
Mean 60.19
Std Dev 2.106
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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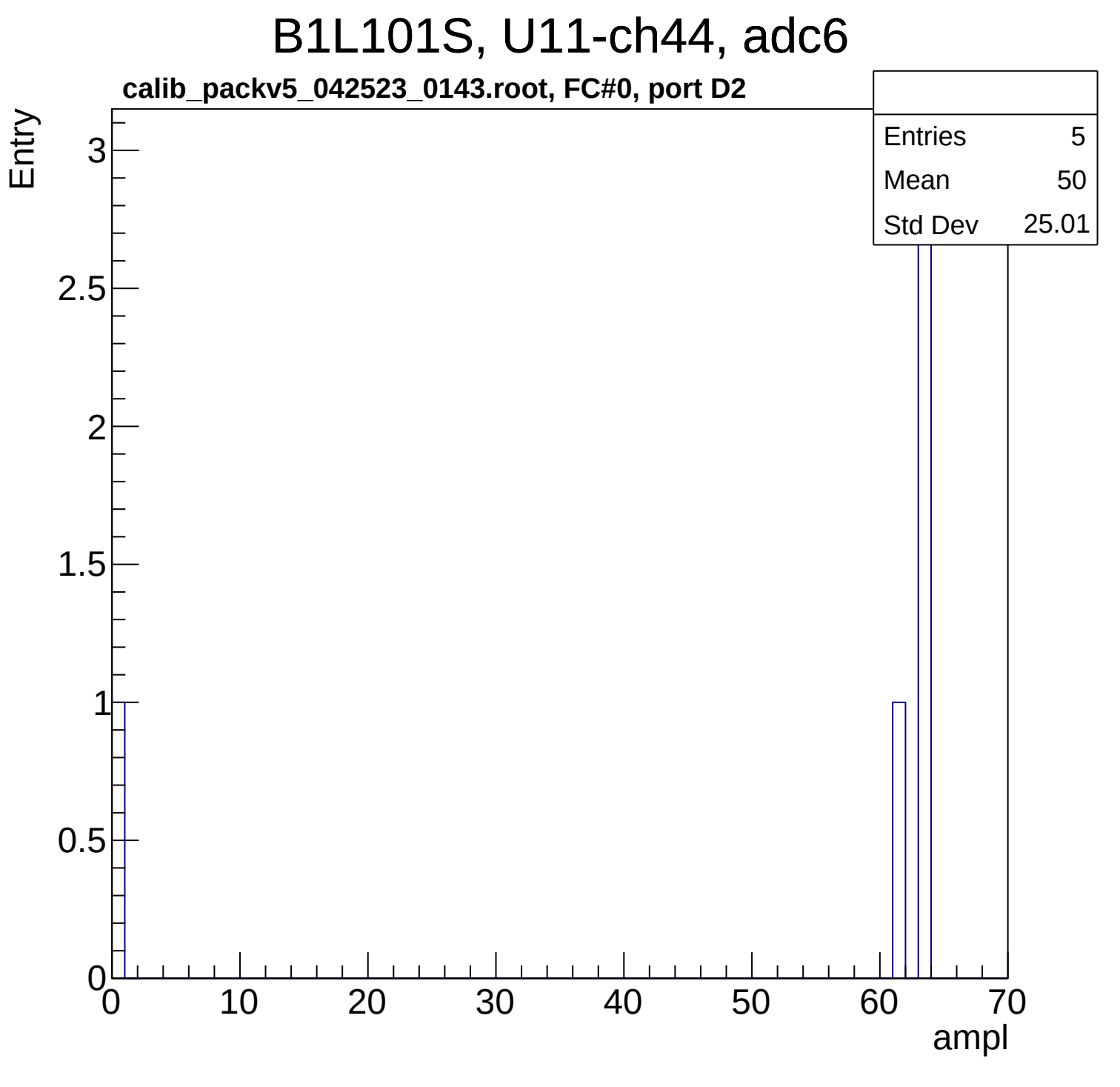
B1L101S, U11-ch44, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 5
Mean 50
Std Dev 25.01
Entry
ampl
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0.5
1
1.5
2
2.5
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0
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20
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60
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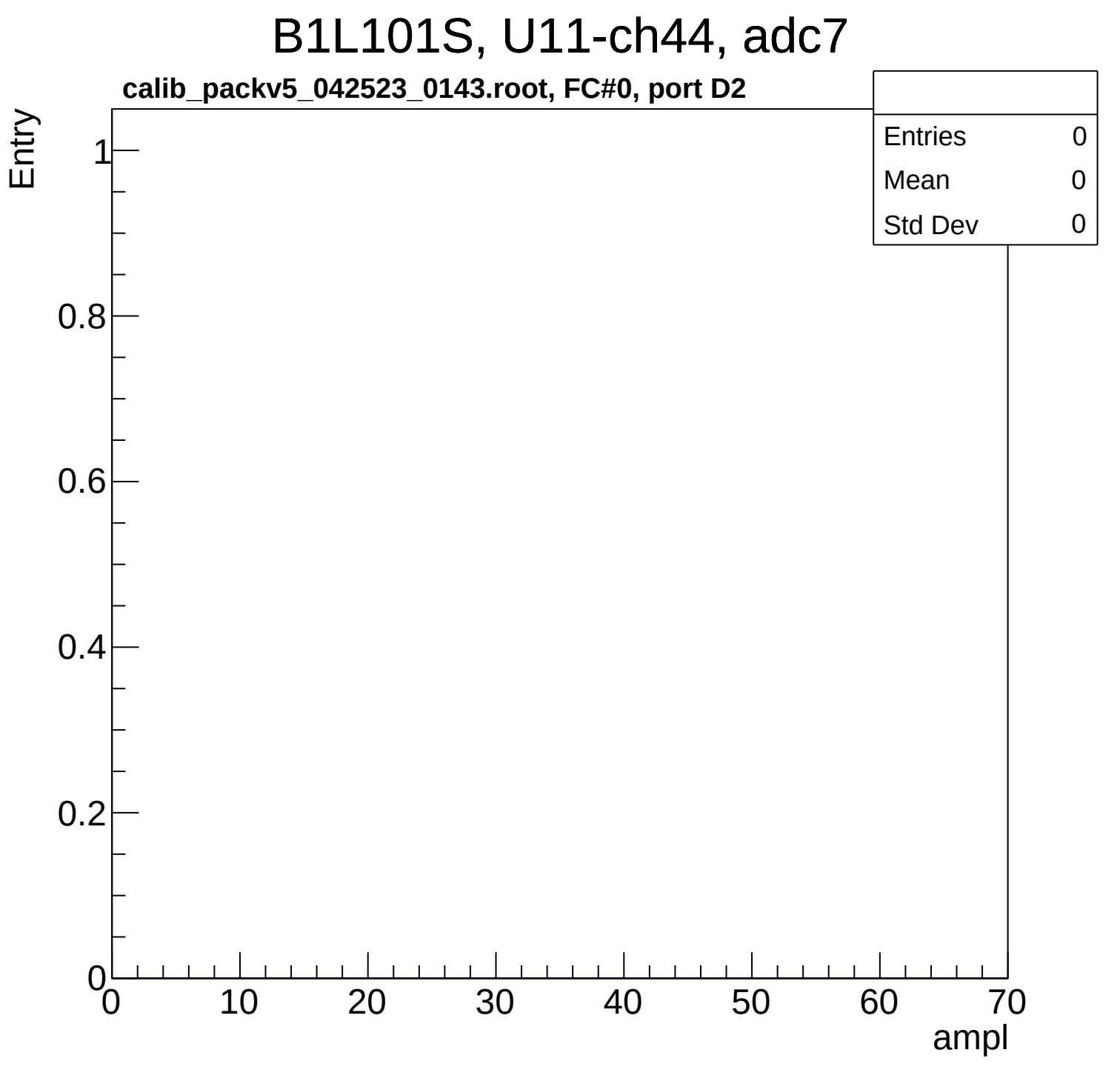
B1L101S, U11-ch44, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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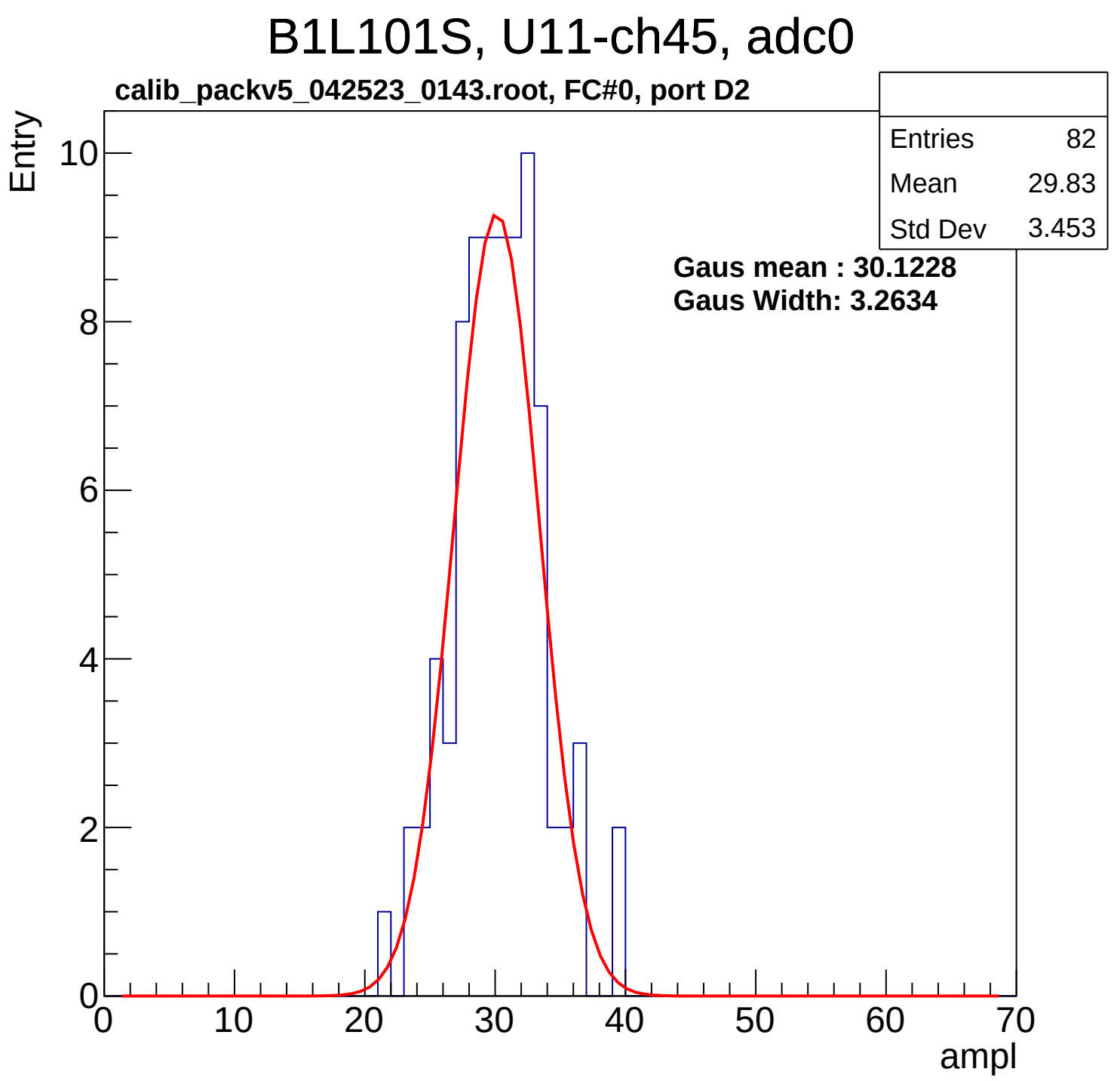
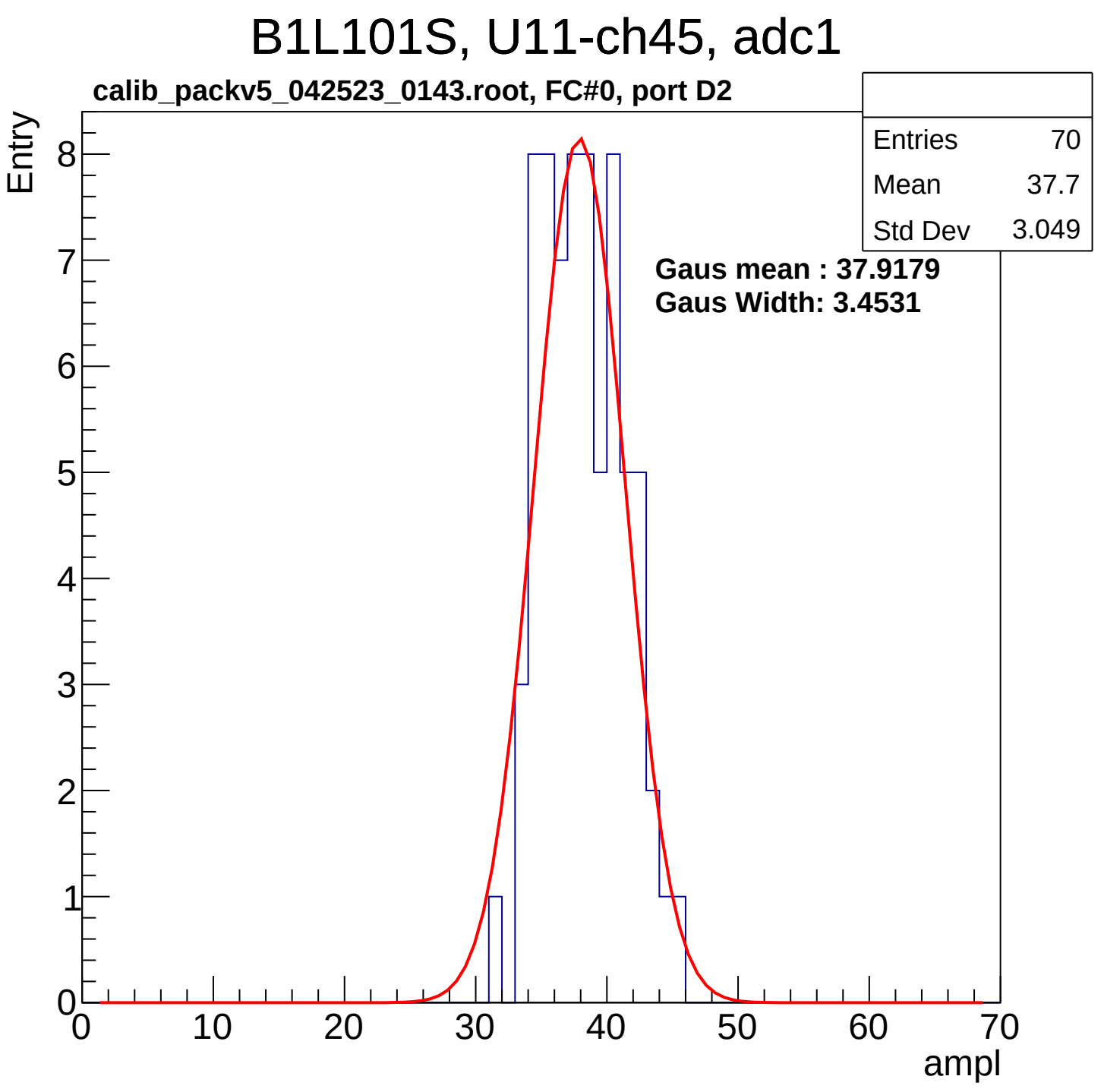
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch45, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 82
Mean 29.83
Std Dev 3.453
Gaus mean : 30.1228
Gaus Width: 3.2634
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch45, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 37.7
Std Dev 3.049
Gaus mean : 37.9179
Gaus Width: 3.4531
Entry
ampl
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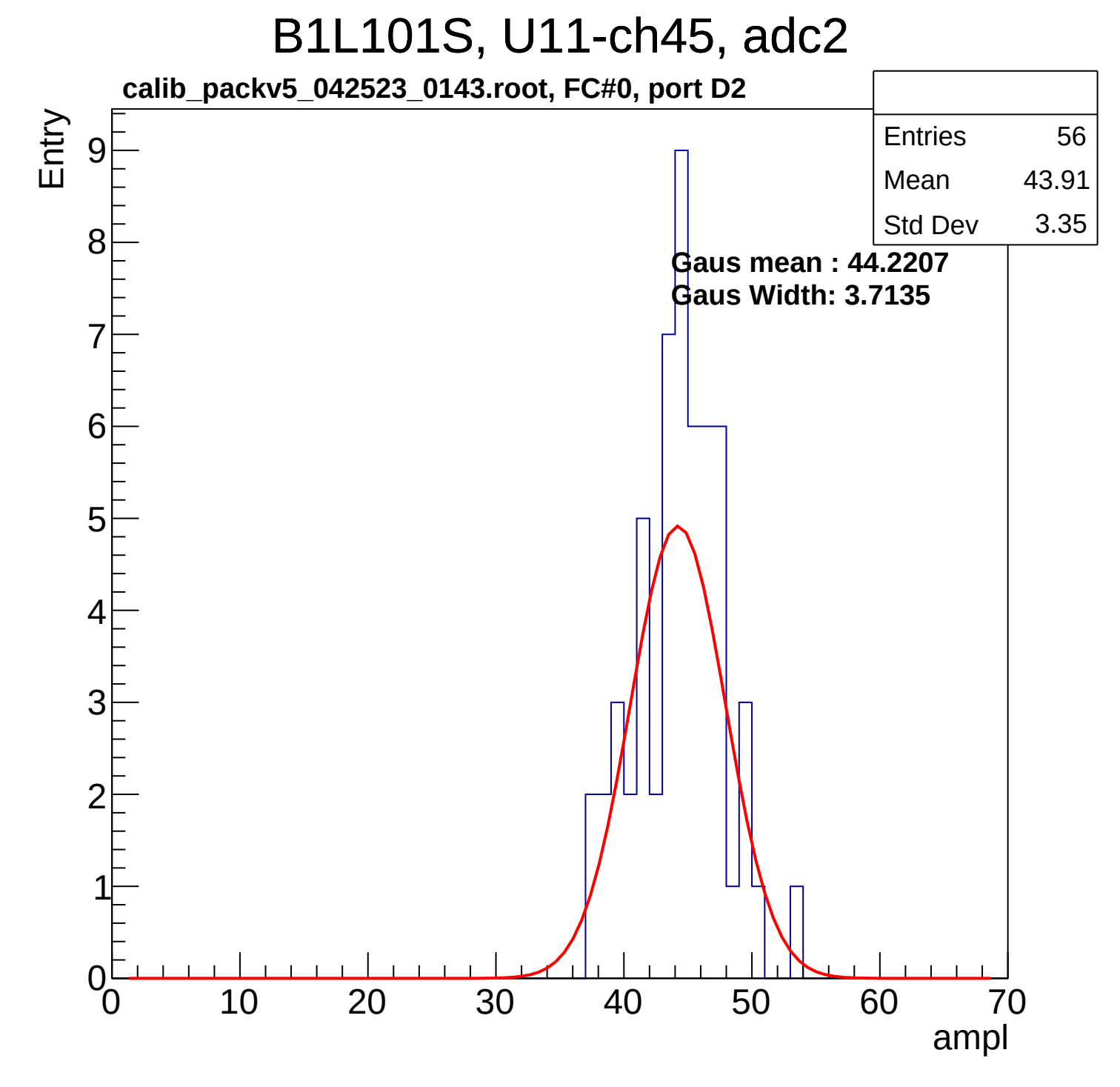
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch45, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 43.91
Std Dev 3.35
Gaus mean : 44.2207
Gaus Width: 3.7135
Entry
ampl
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10
20
30
40
50
60
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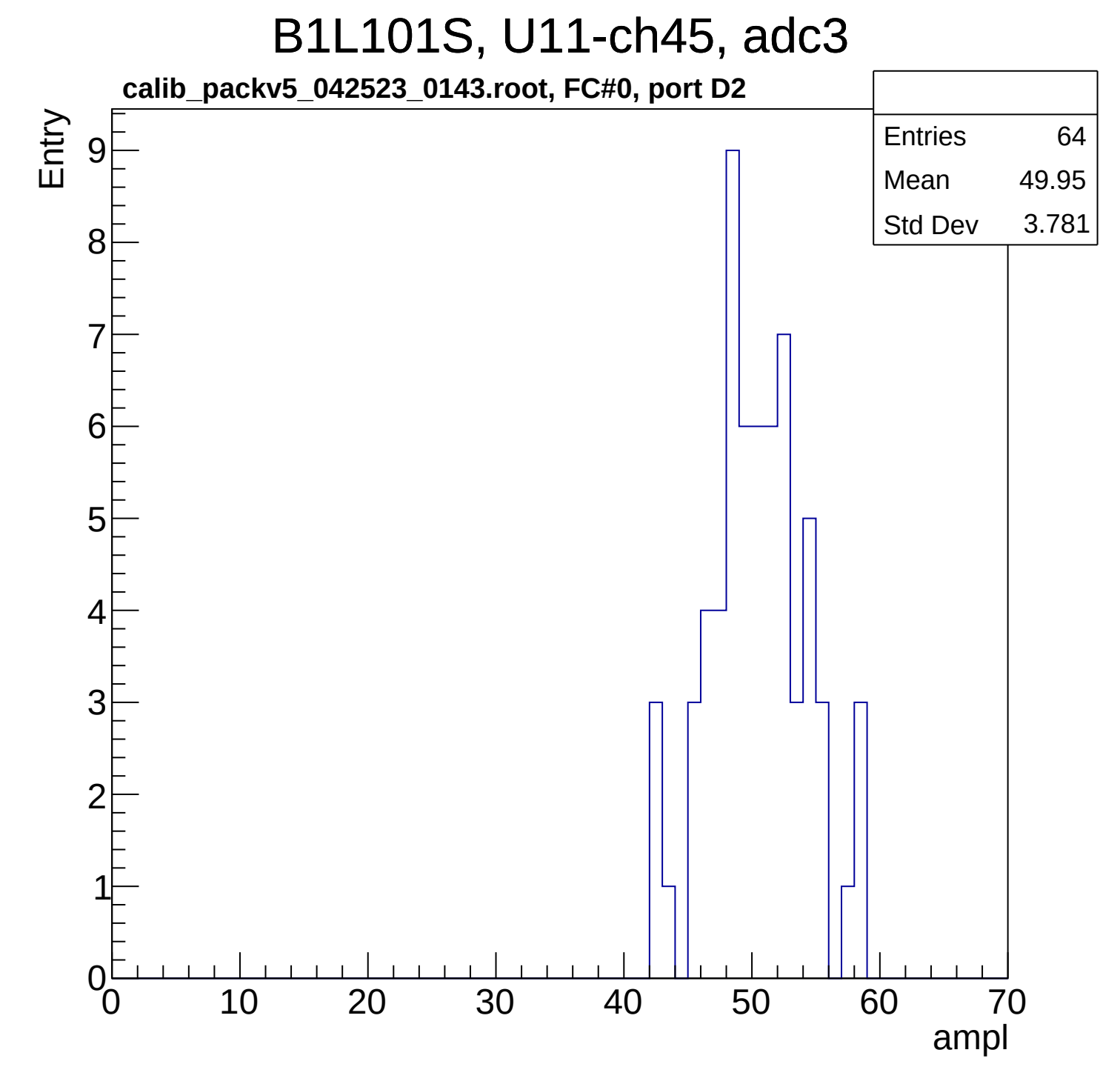
1
2
3
4
5
6
7
8
9


B1L101S, U11-ch45, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 49.95
Std Dev 3.781
Entry
ampl
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3
4
5
6
7
8
9
0
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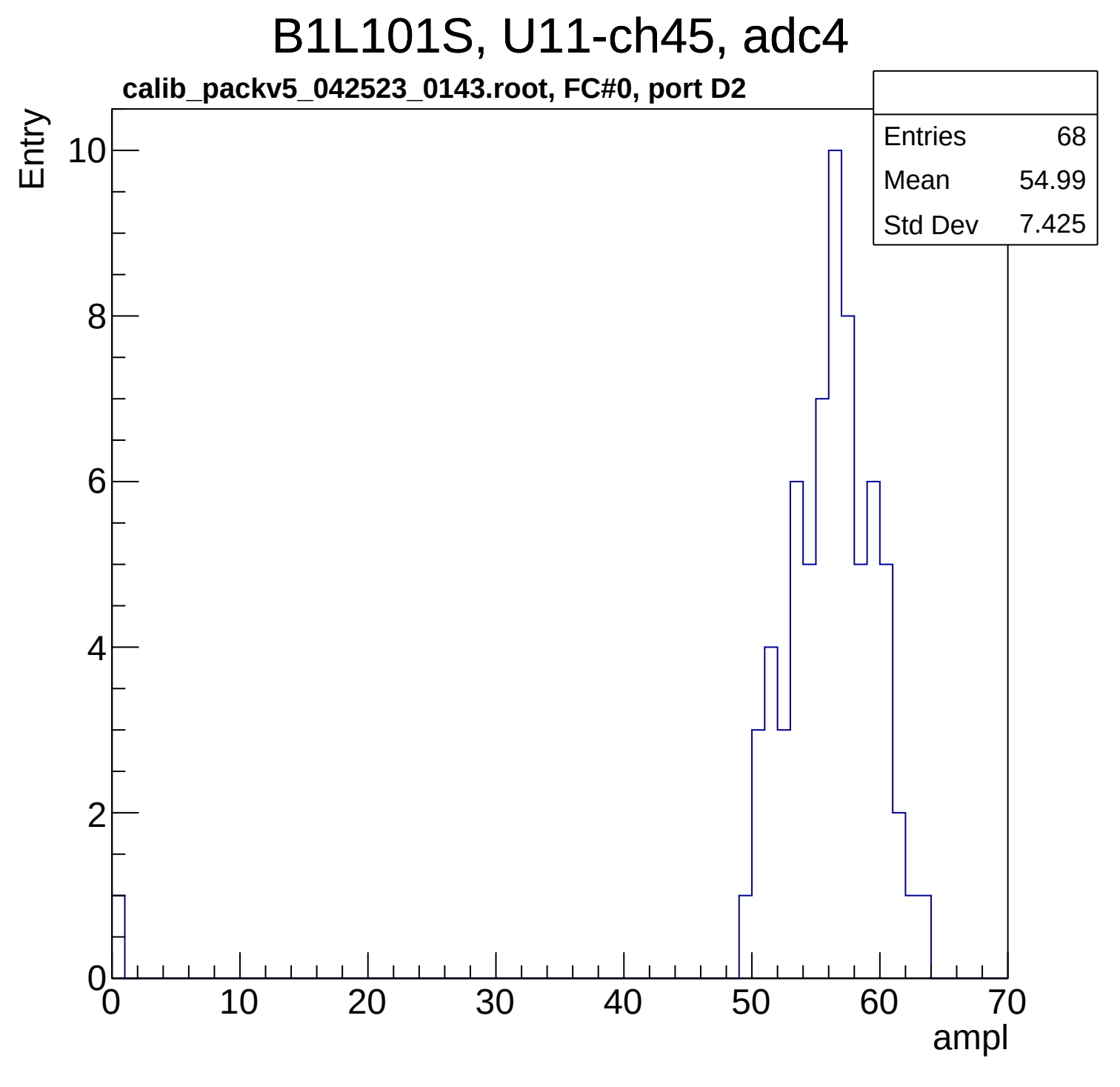
B1L101S, U11-ch45, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 54.99
Std Dev 7.425
Entry
ampl
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60
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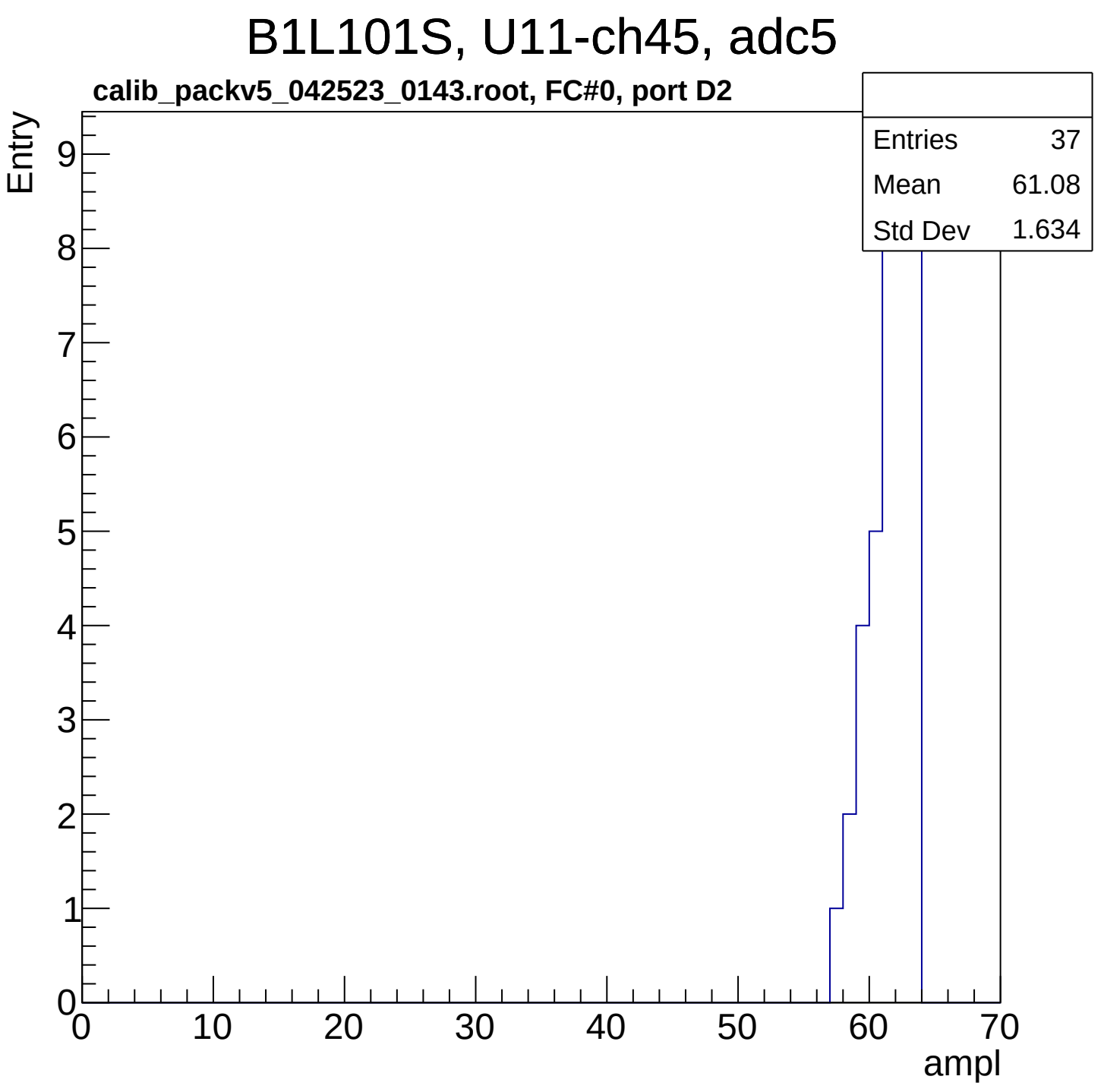
B1L101S, U11-ch45, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 37
Mean 61.08
Std Dev 1.634
Entry
ampl
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2
3
4
5
6
7
8
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0
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40
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60
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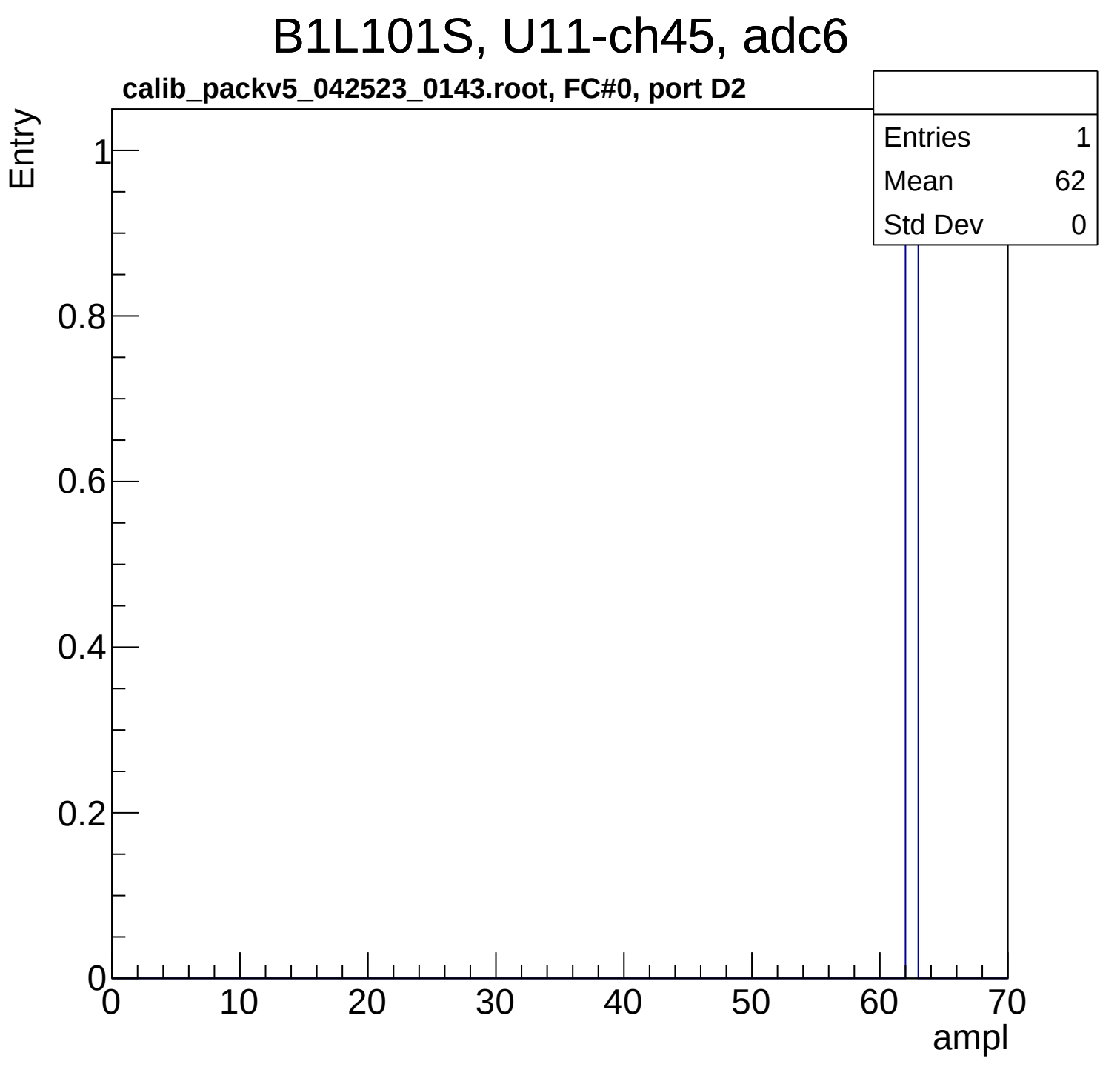
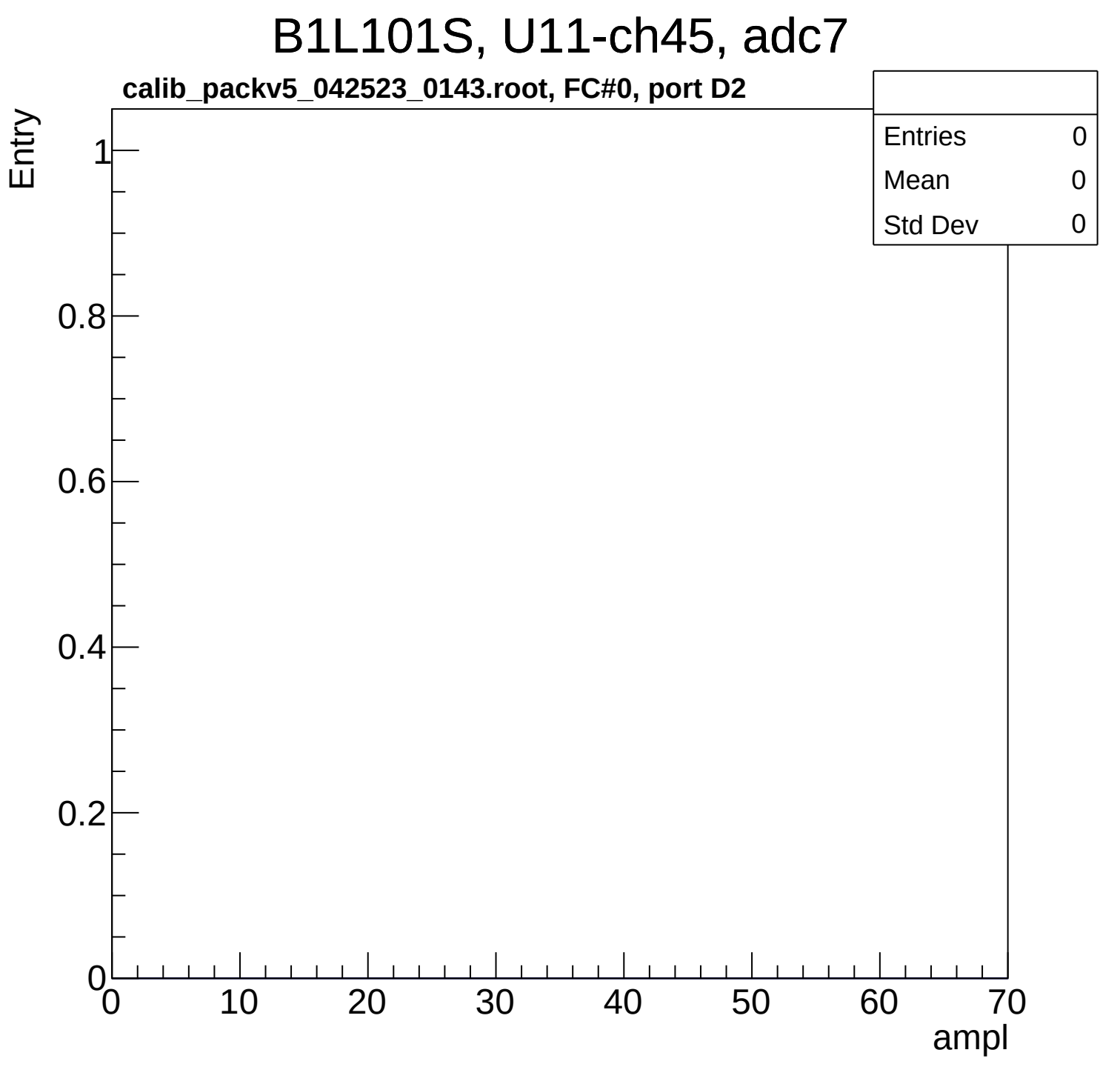

B1L101S, U11-ch45, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch45, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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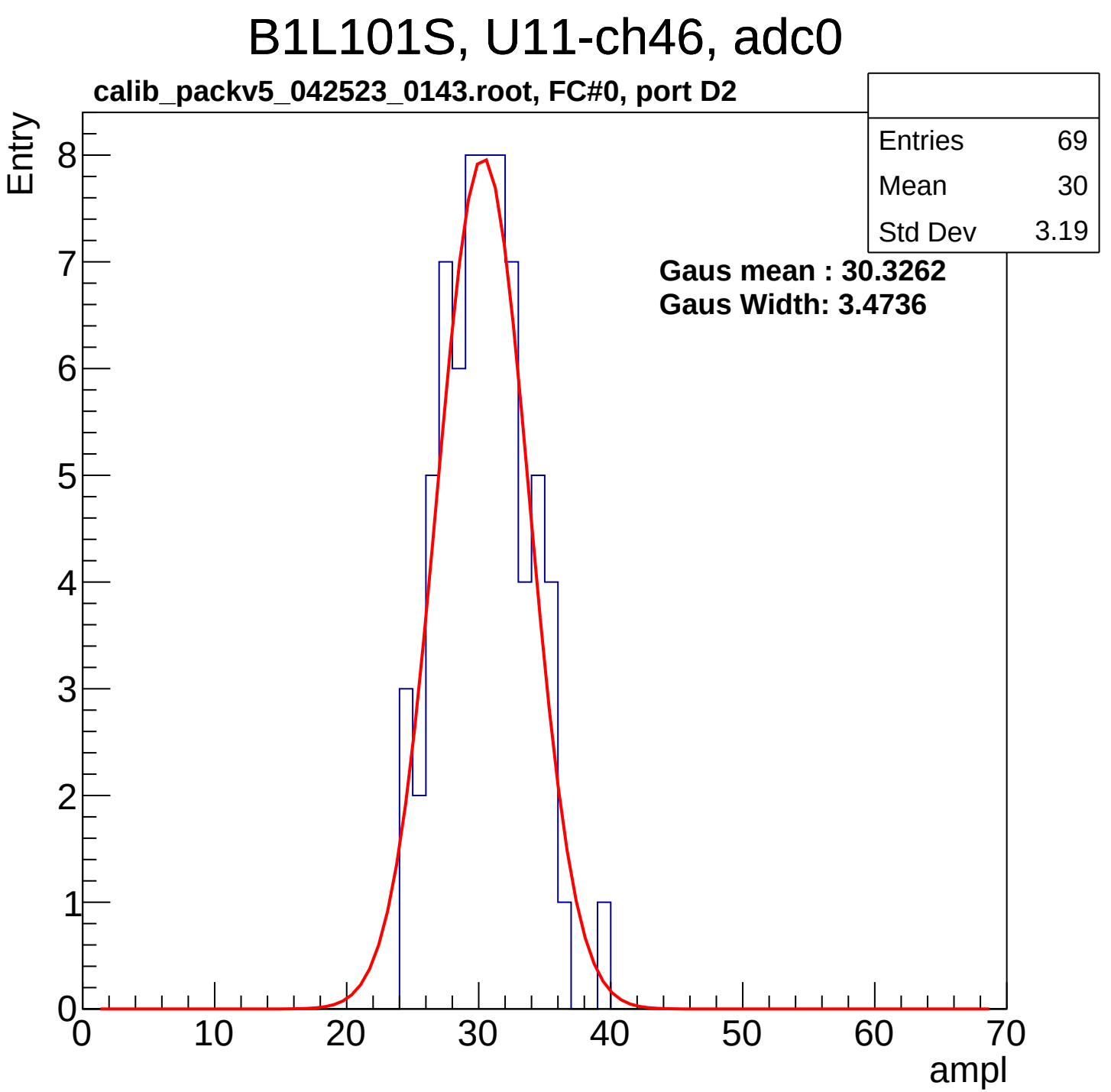
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch46, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 30
Std Dev 3.19
Gaus mean : 30.3262
Gaus Width: 3.4736
Entry
ampl
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0
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60
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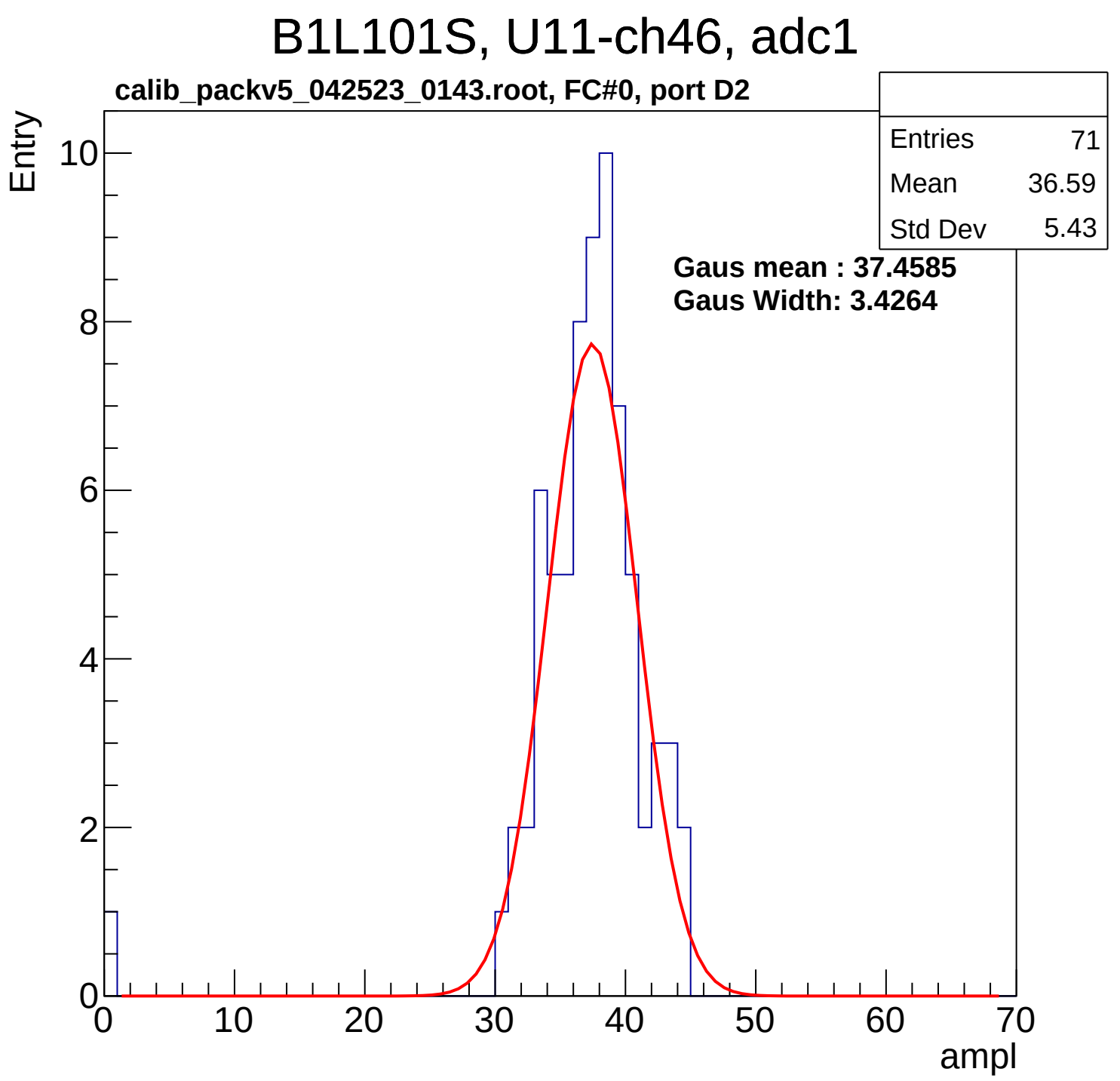
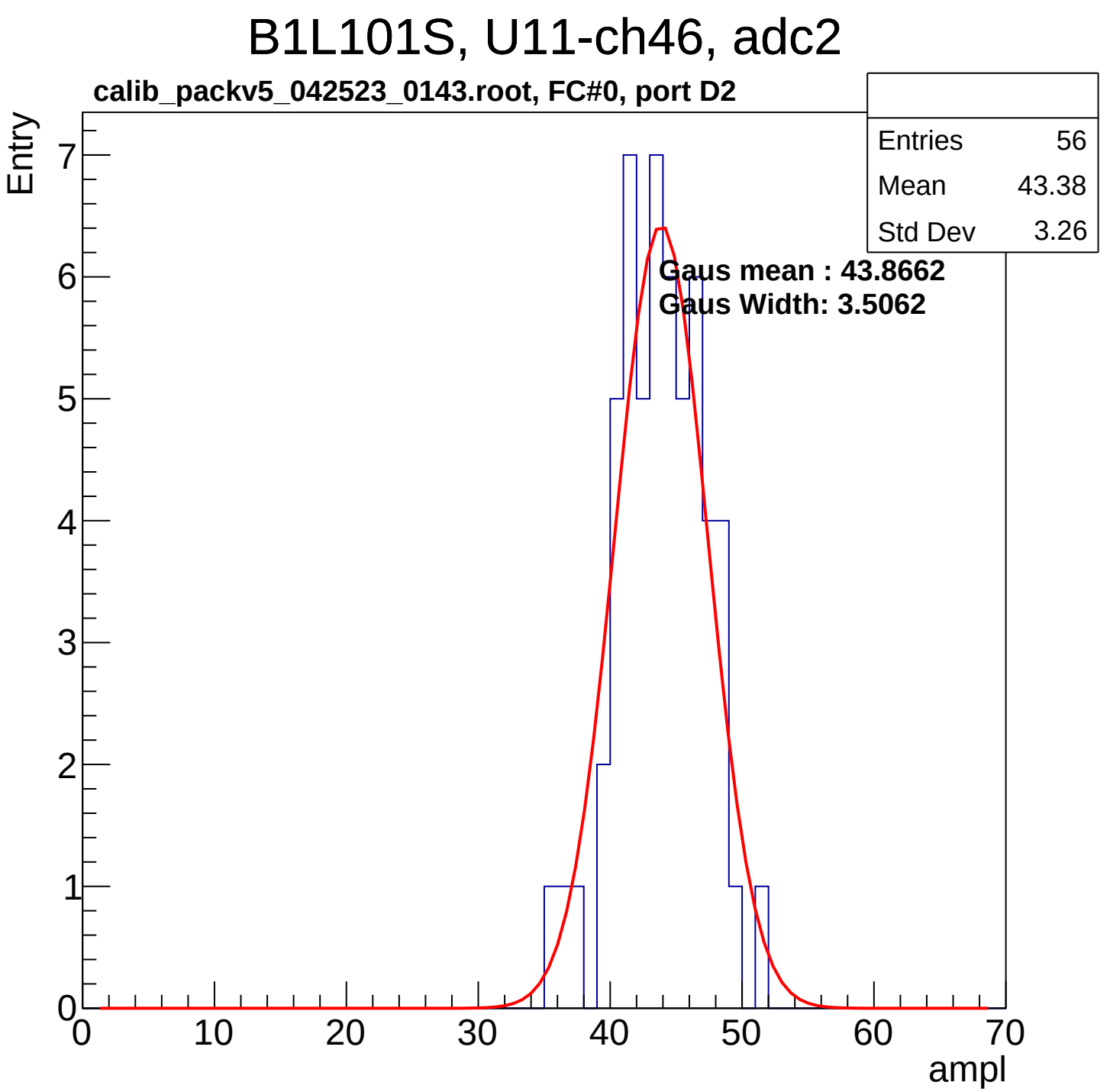

B1L101S, U11-ch46, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 36.59
Std Dev 5.43
Gaus mean : 37.4585
Gaus Width: 3.4264
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch46, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 43.38
Std Dev 3.26
Gaus mean : 43.8662
Gaus Width: 3.5062
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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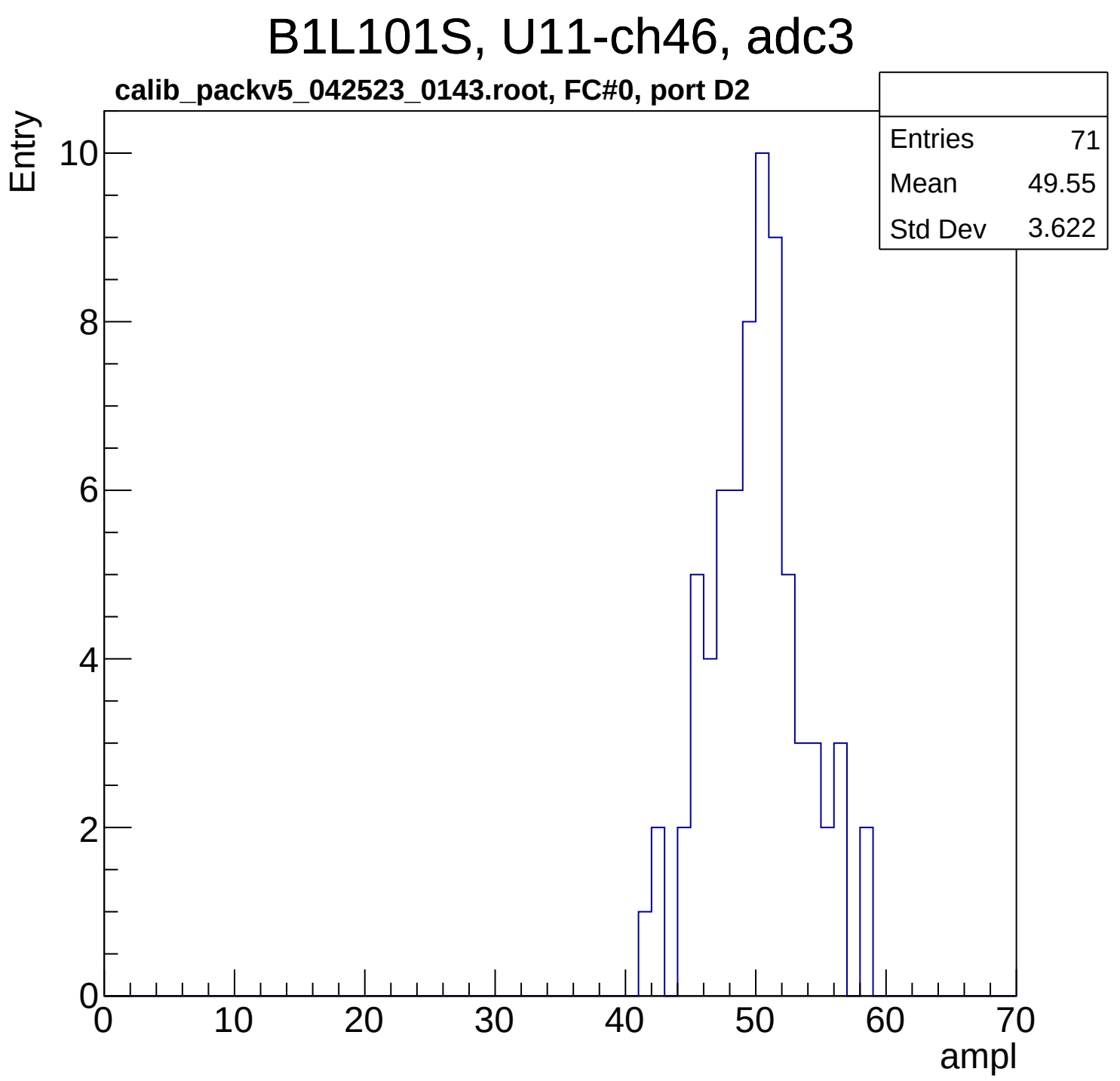
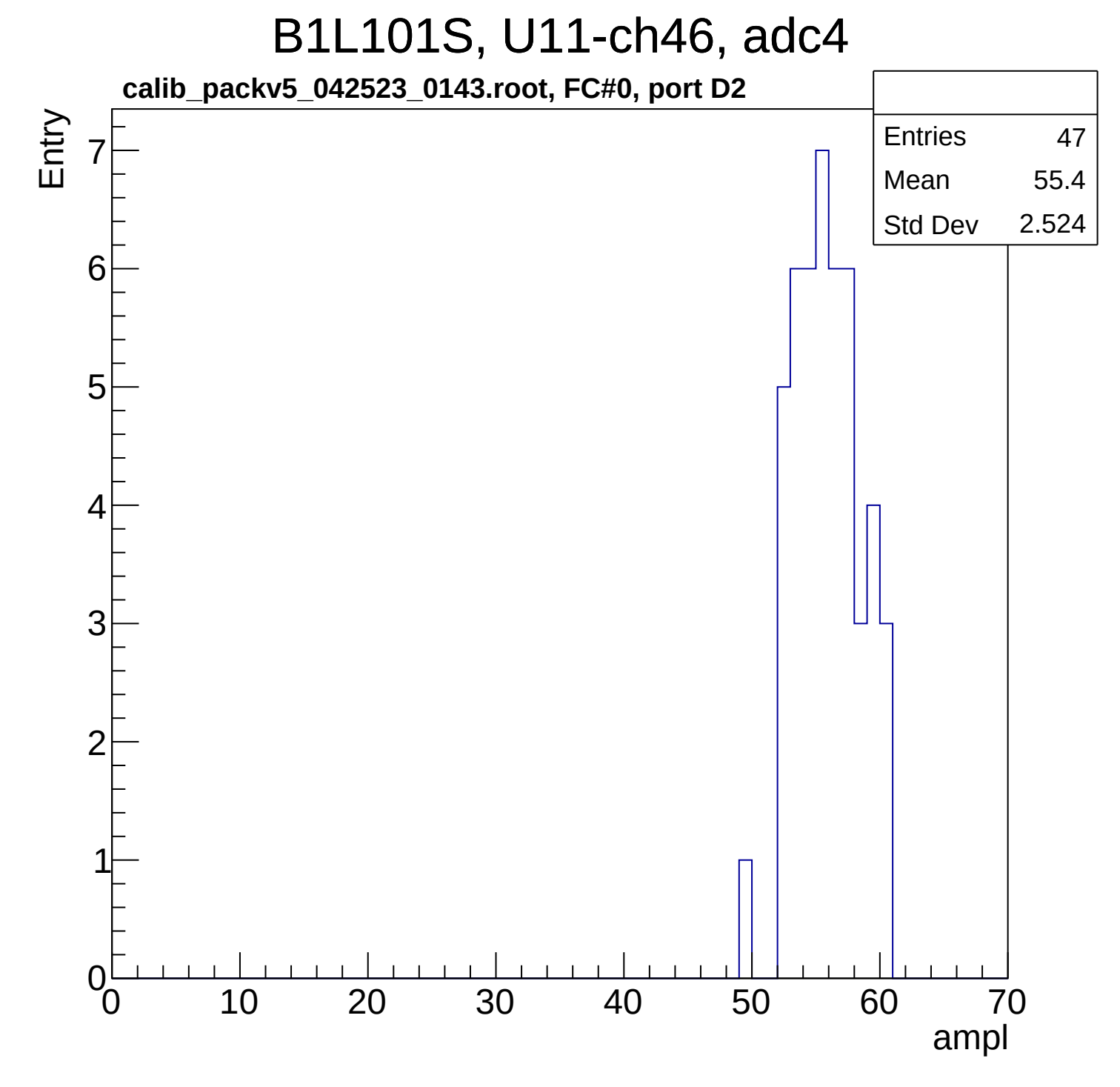

B1L101S, U11-ch46, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 49.55
Std Dev 3.622
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch46, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 47
Mean 55.4
Std Dev 2.524
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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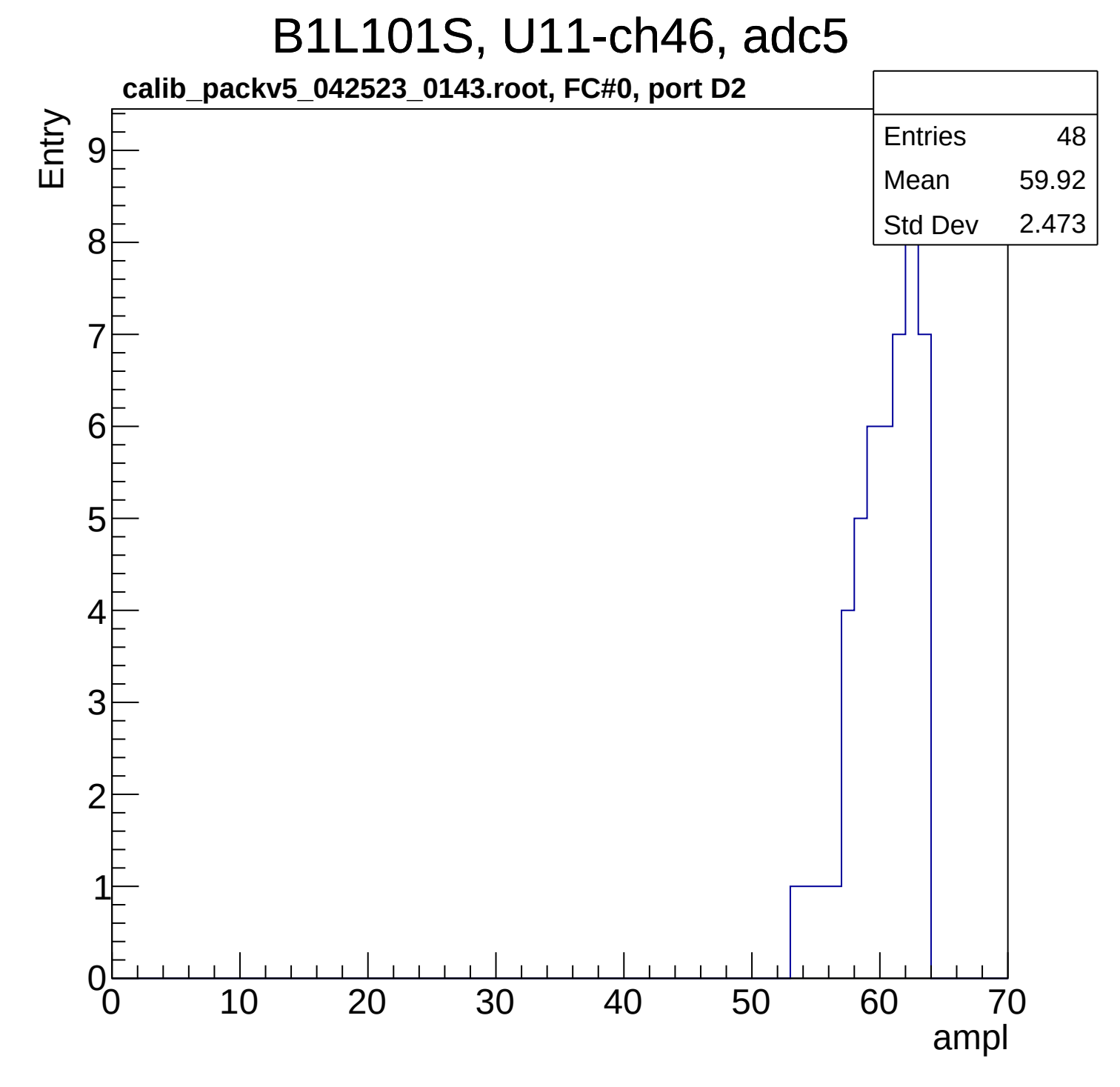
B1L101S, U11-ch46, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 48
Mean 59.92
Std Dev 2.473
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
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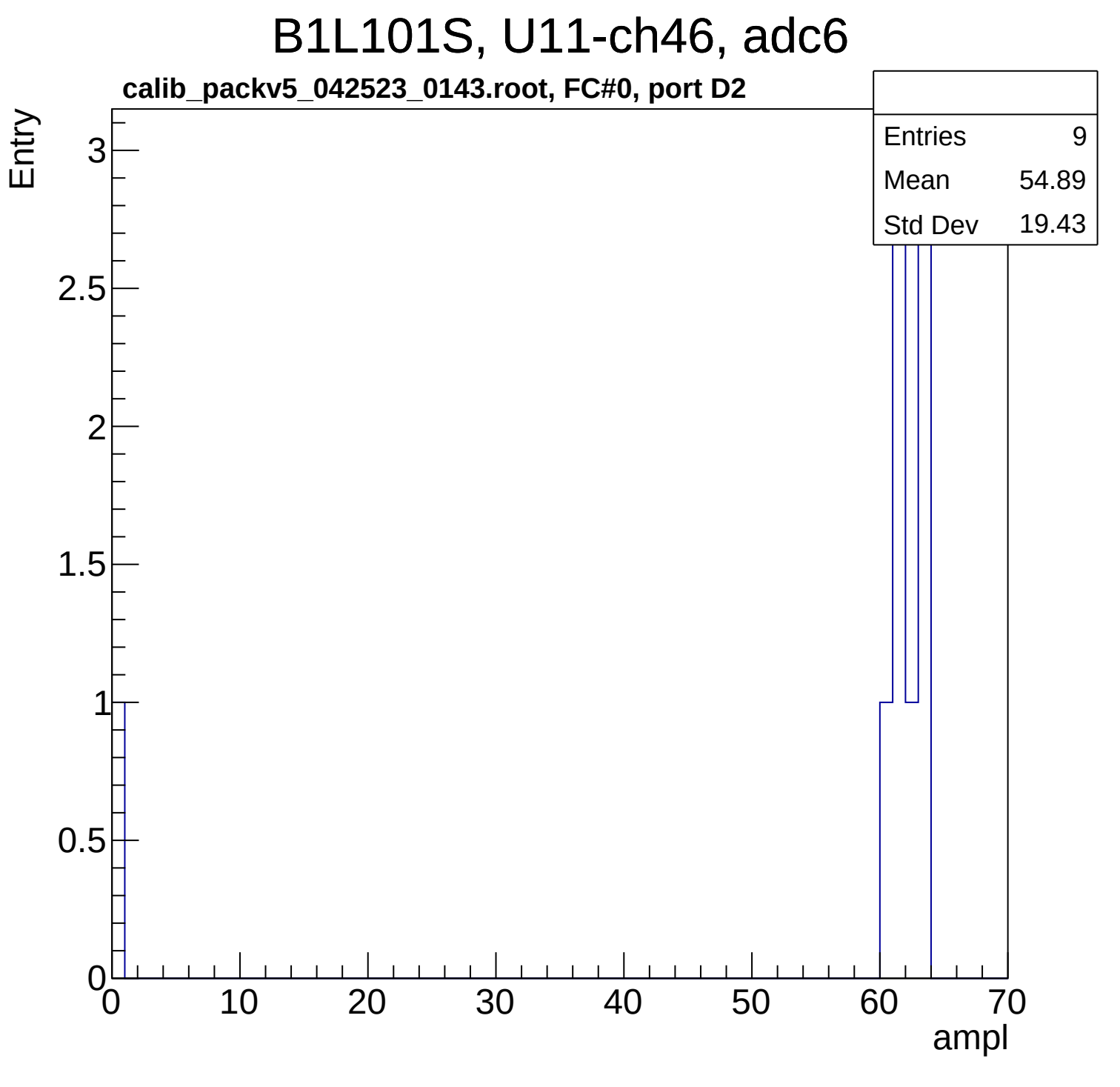
B1L101S, U11-ch46, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 9
Mean 54.89
Std Dev 19.43
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
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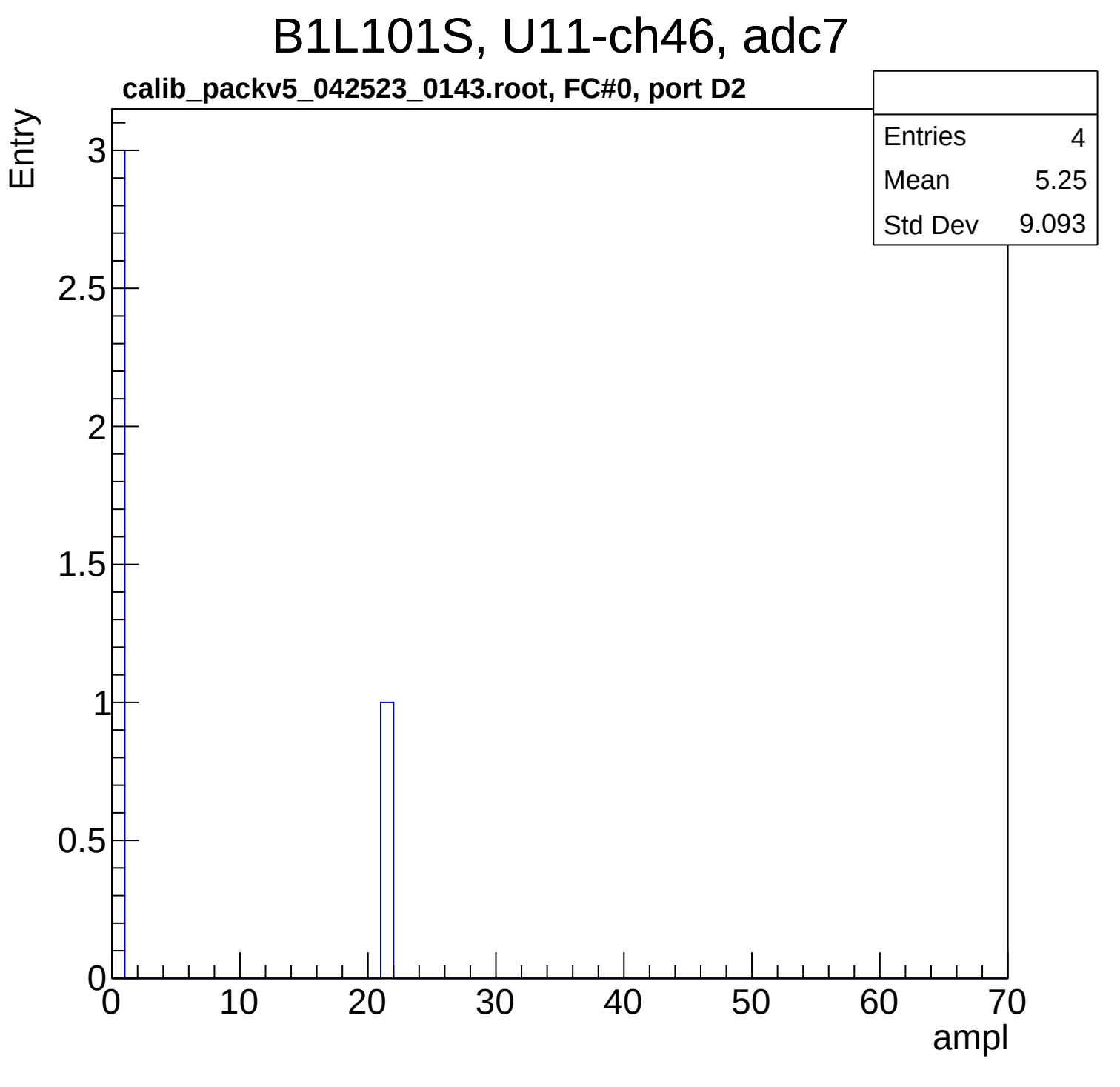
B1L101S, U11-ch46, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 5.25
Std Dev 9.093
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
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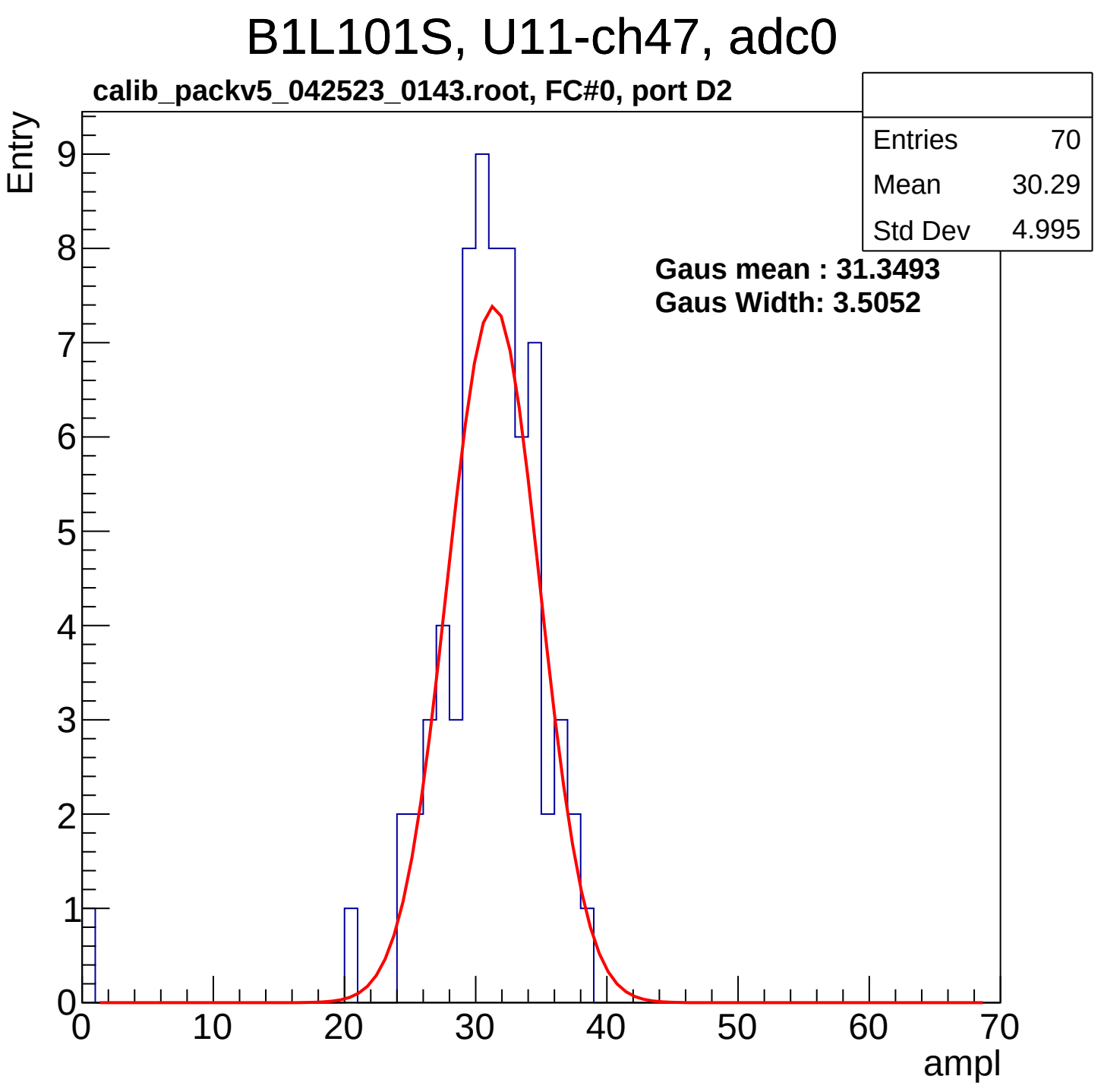
B1L101S, U11-ch47, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 30.29
Std Dev 4.995
Gaus mean : 31.3493
Gaus Width: 3.5052
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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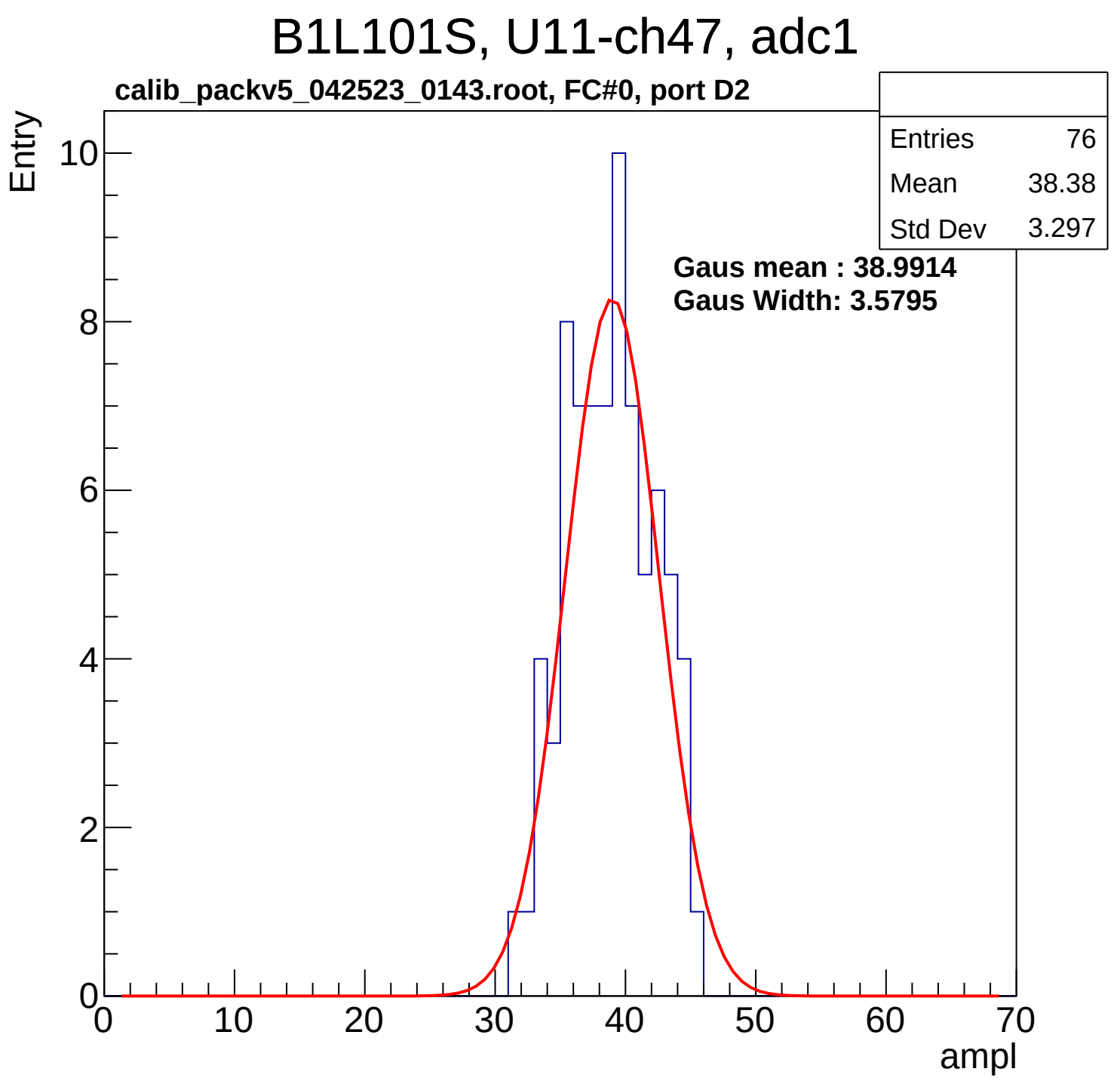
B1L101S, U11-ch47, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 38.38
Std Dev 3.297
Gaus mean : 38.9914
Gaus Width: 3.5795
Entry
ampl
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2
4
6
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0
10
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40
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60
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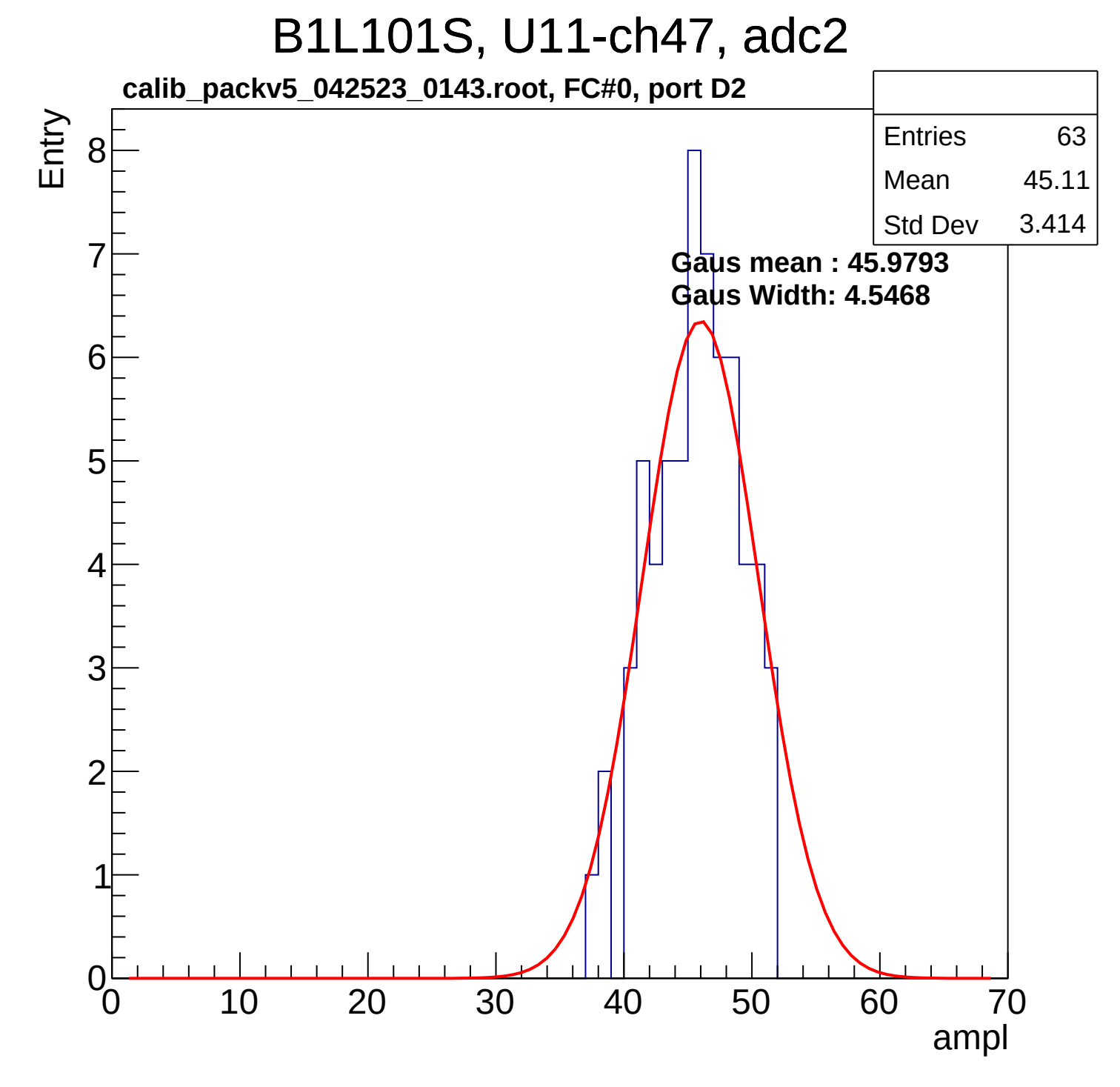
B1L101S, U11-ch47, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 45.11
Std Dev 3.414
Gaus mean : 45.9793
Gaus Width: 4.5468
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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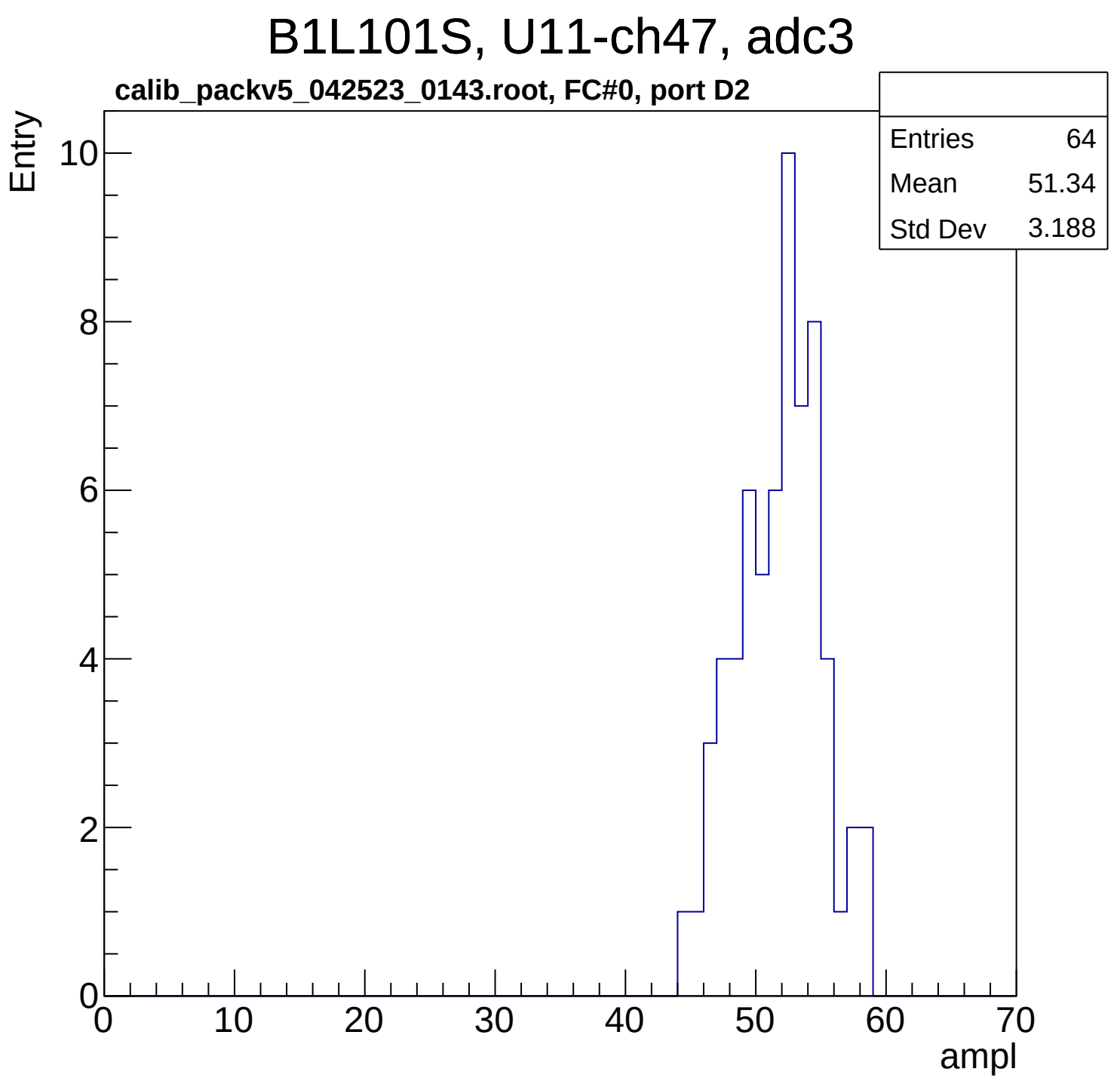
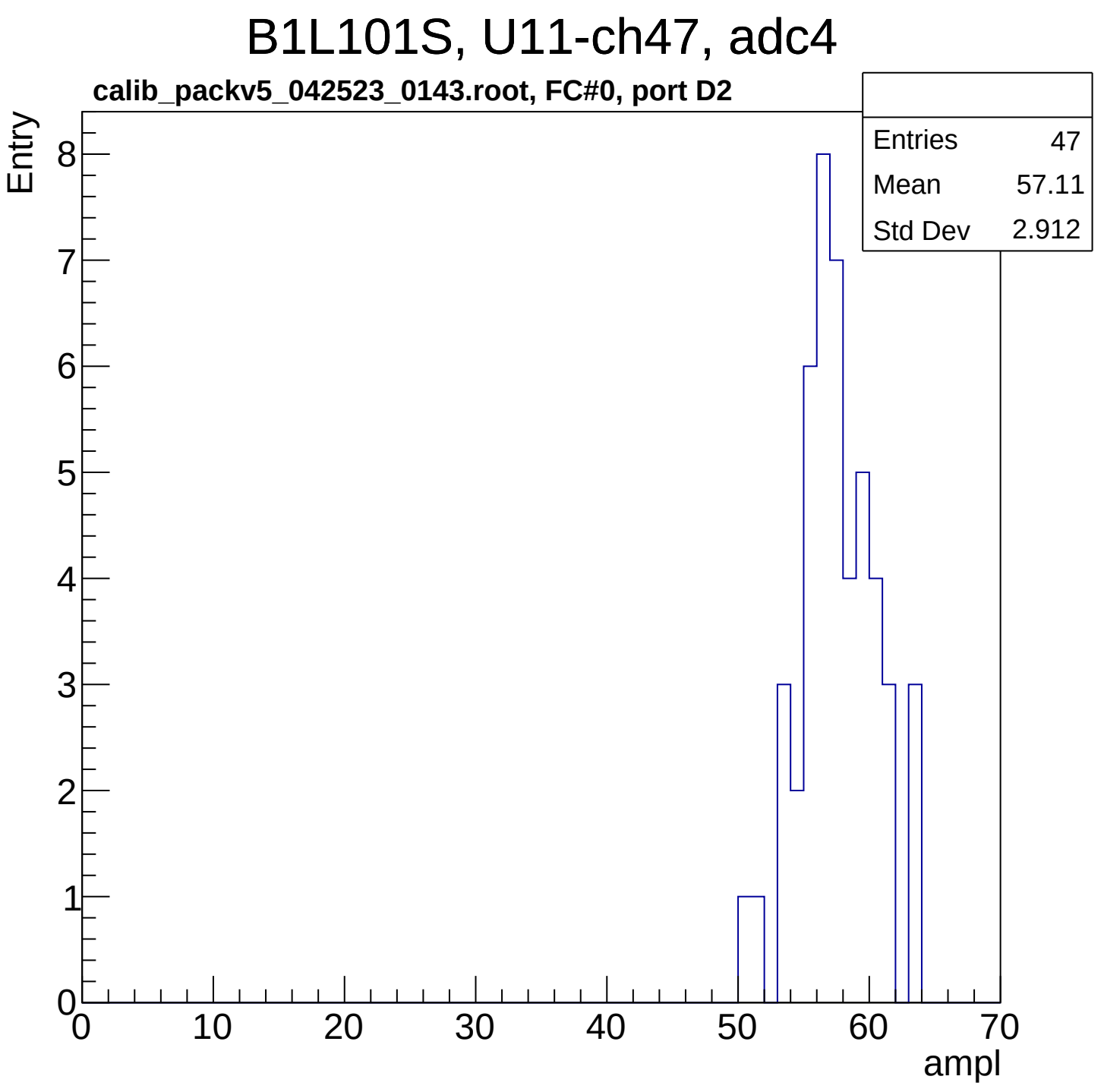

B1L101S, U11-ch47, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 51.34
Std Dev 3.188
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch47, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 47
Mean 57.11
Std Dev 2.912
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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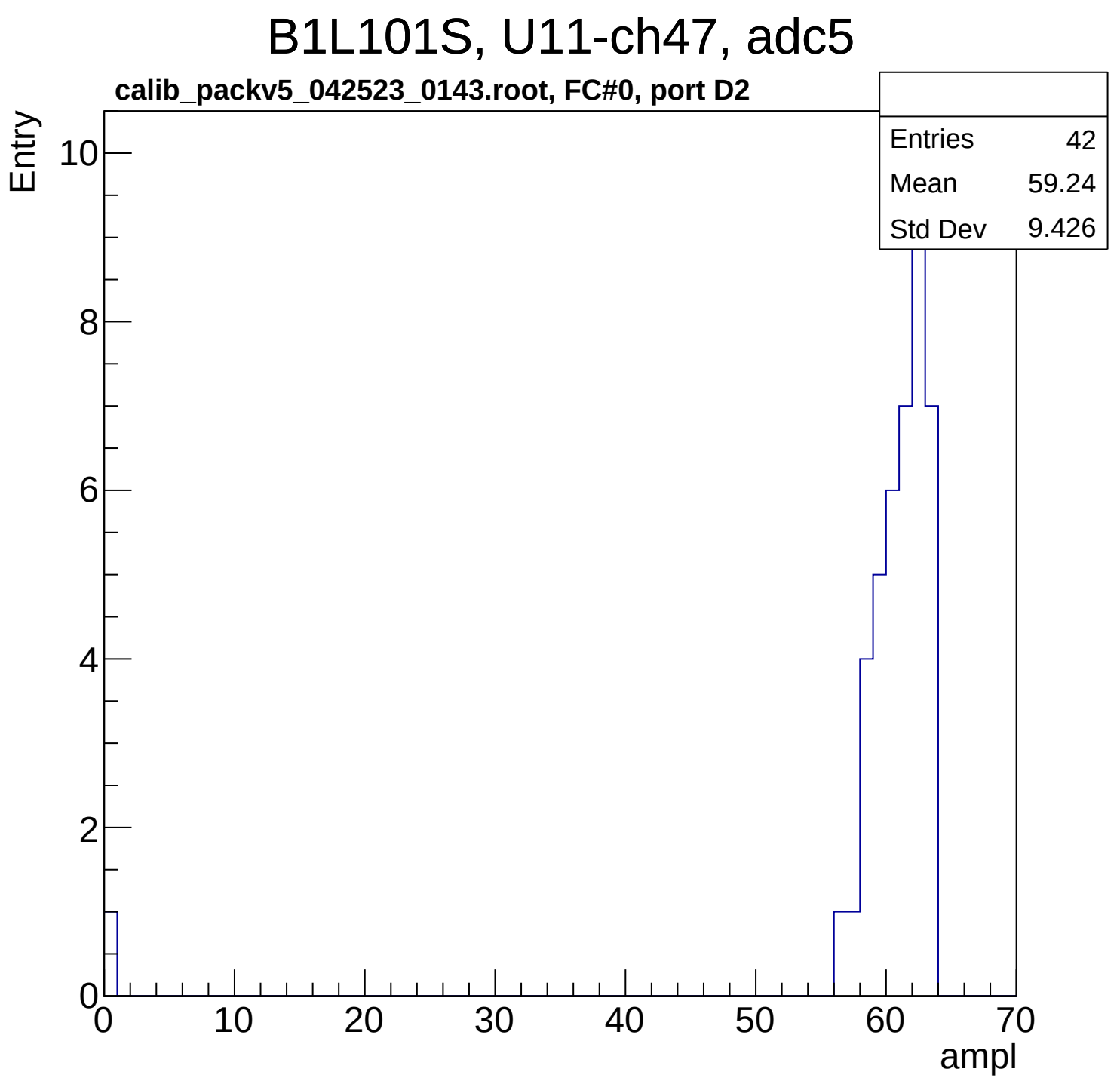
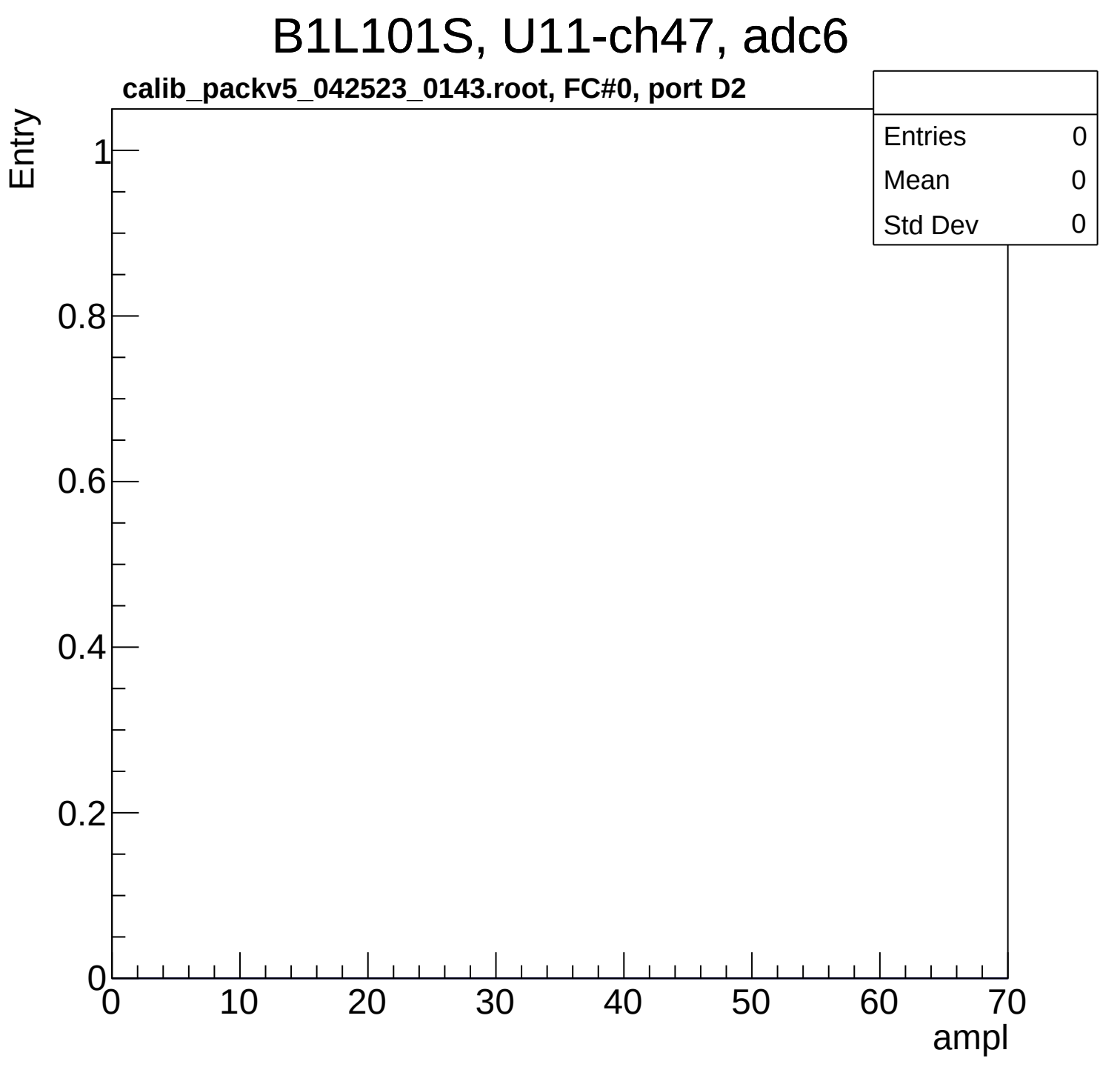
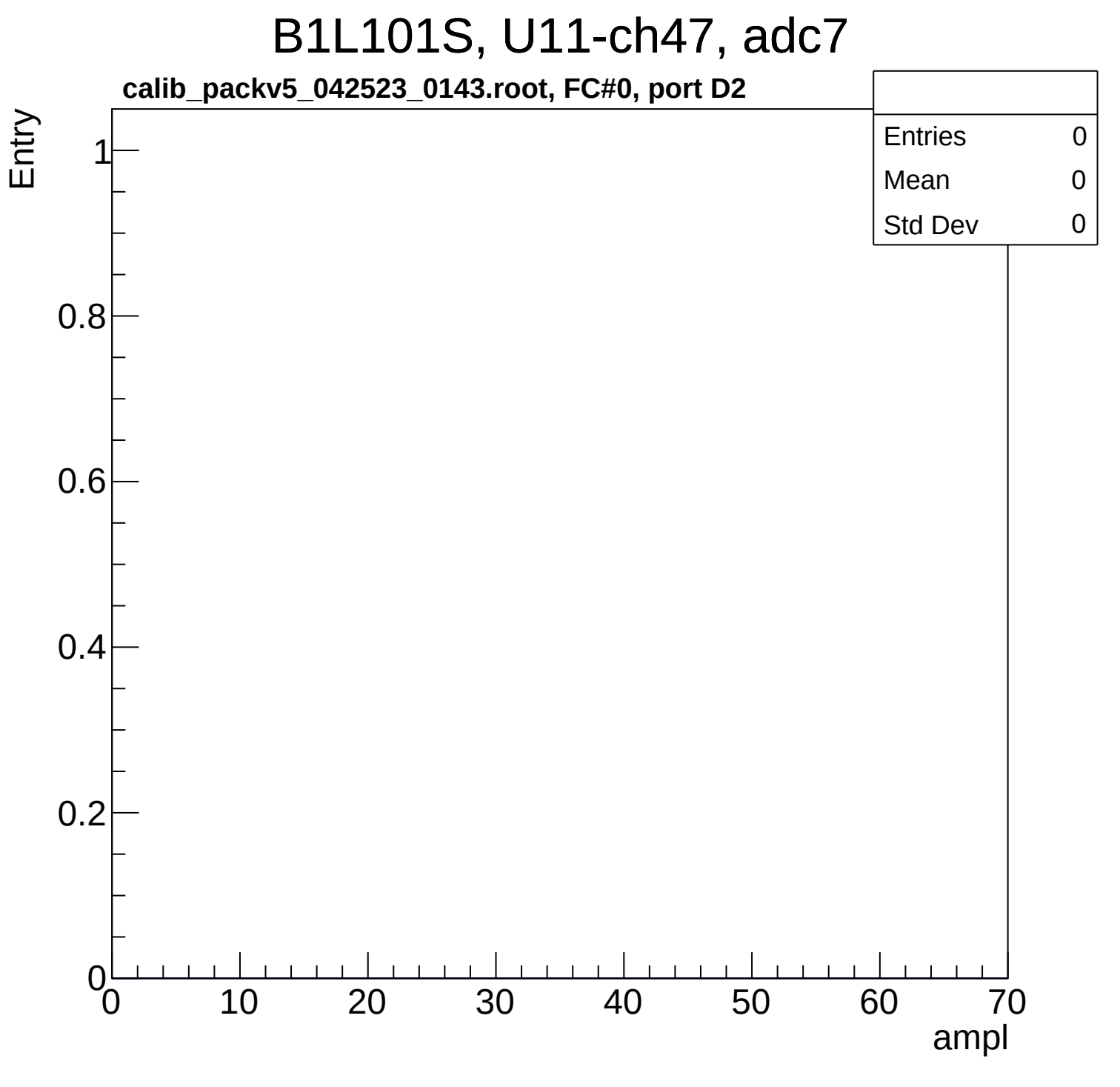
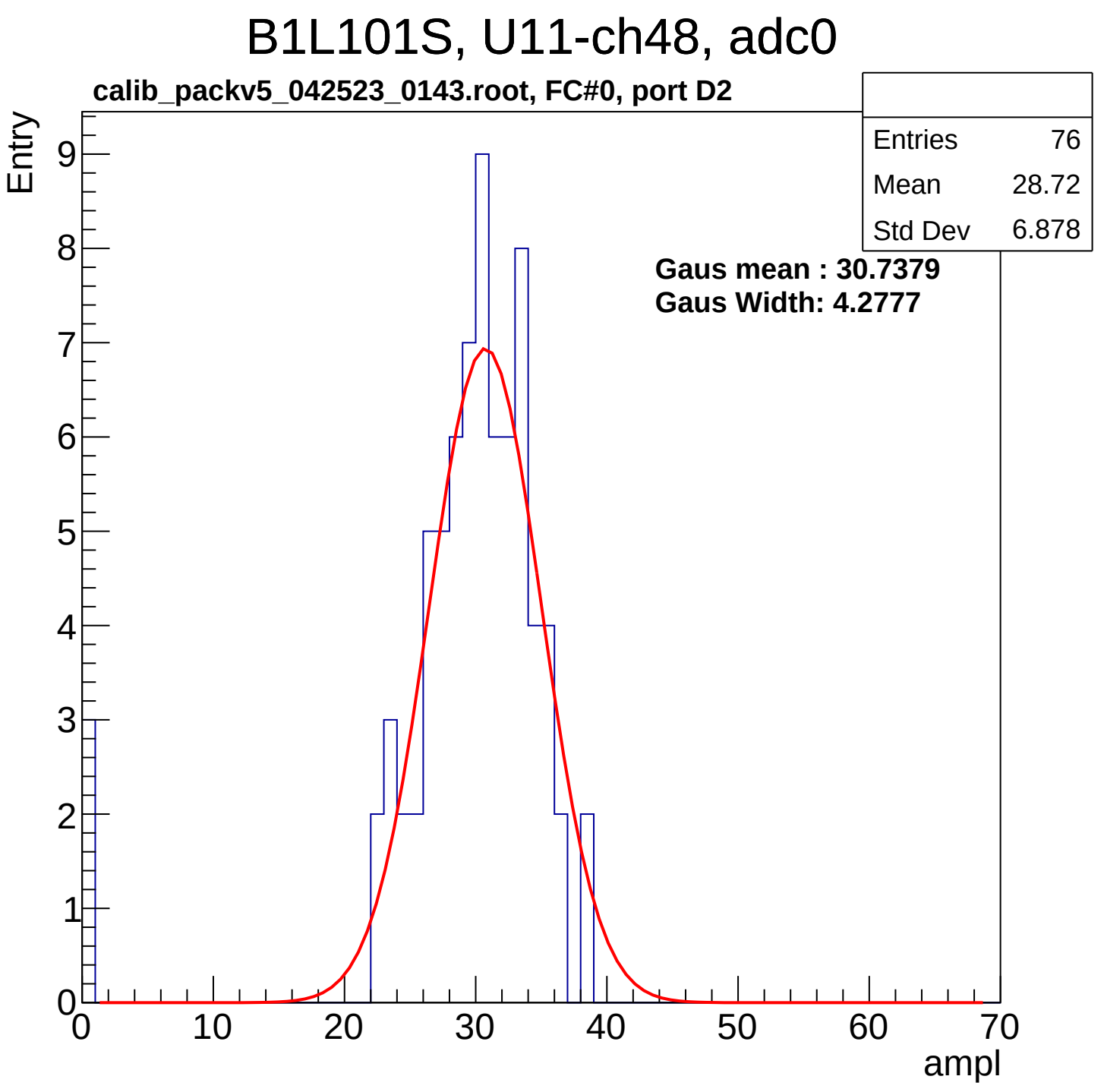
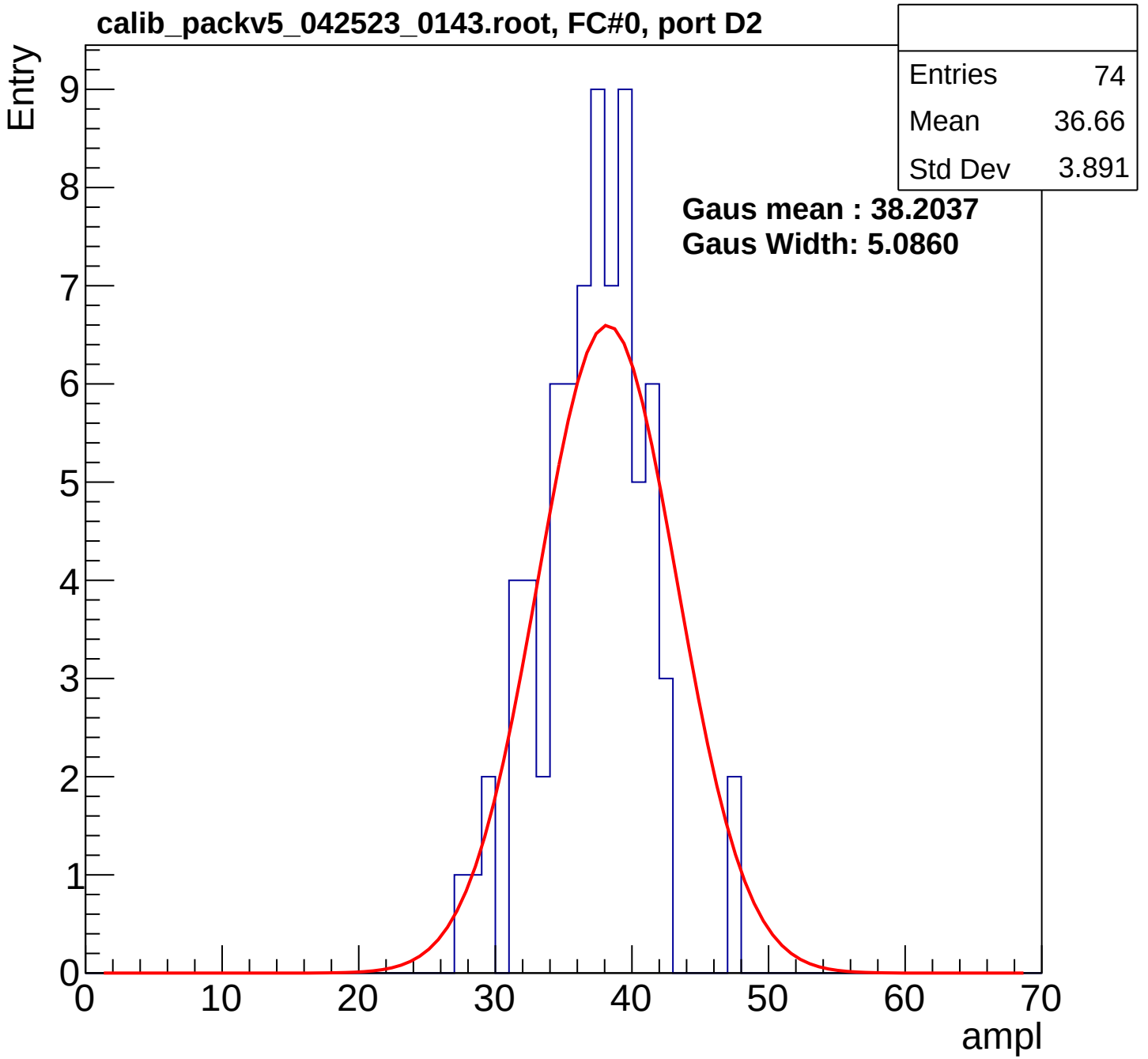
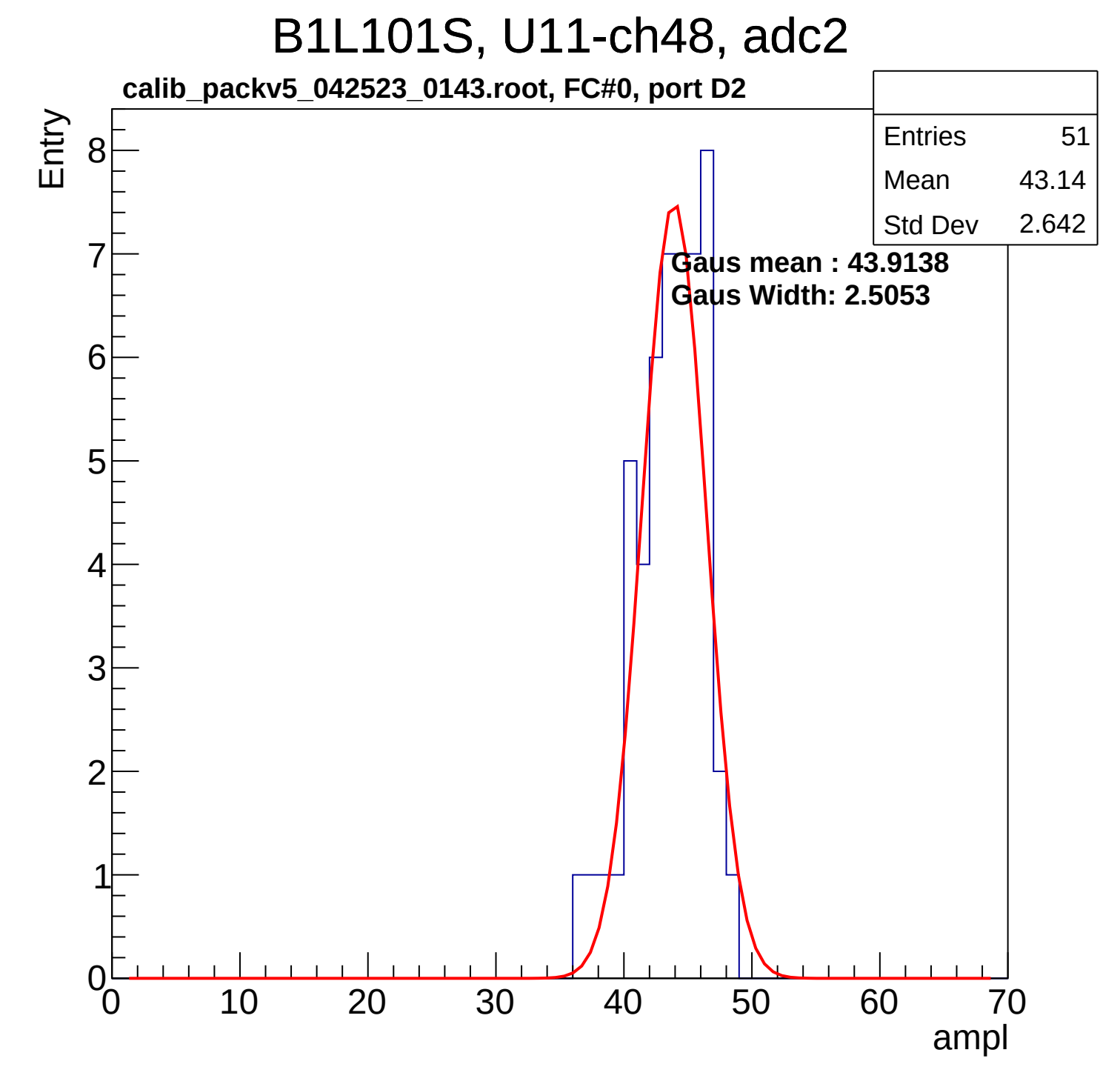

B1L101S, U11-ch47, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 42
Mean 59.24
Std Dev 9.426
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch47, adc6
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch47, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch48, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 28.72
Std Dev 6.878
Gaus mean : 30.7379
Gaus Width: 4.2777
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch48, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 74
Mean 36.66
Std Dev 3.891
Gaus mean : 38.2037
Gaus Width: 5.0860
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch48, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 43.14
Std Dev 2.642
Gaus mean : 43.9138
Gaus Width: 2.5053
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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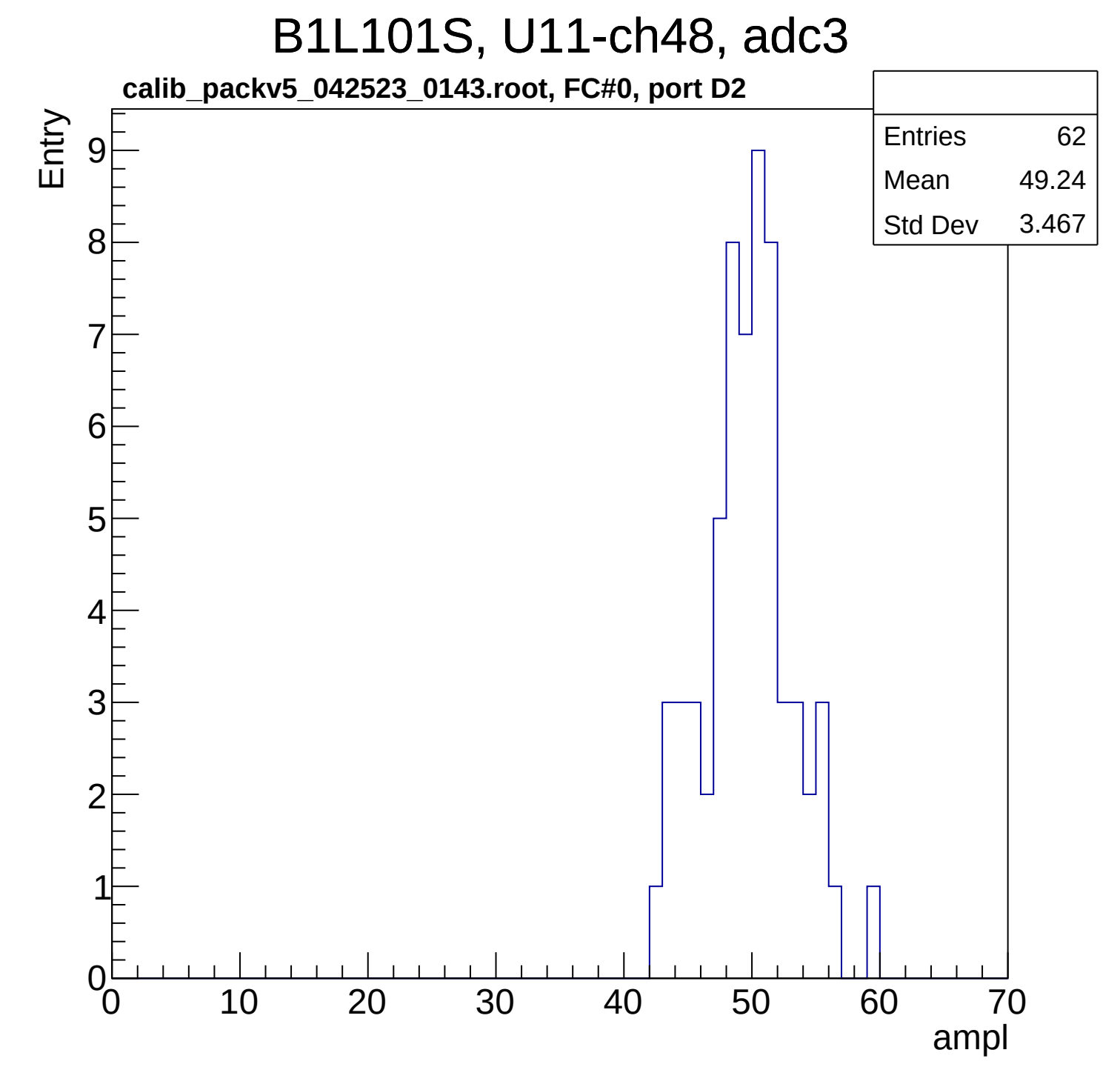
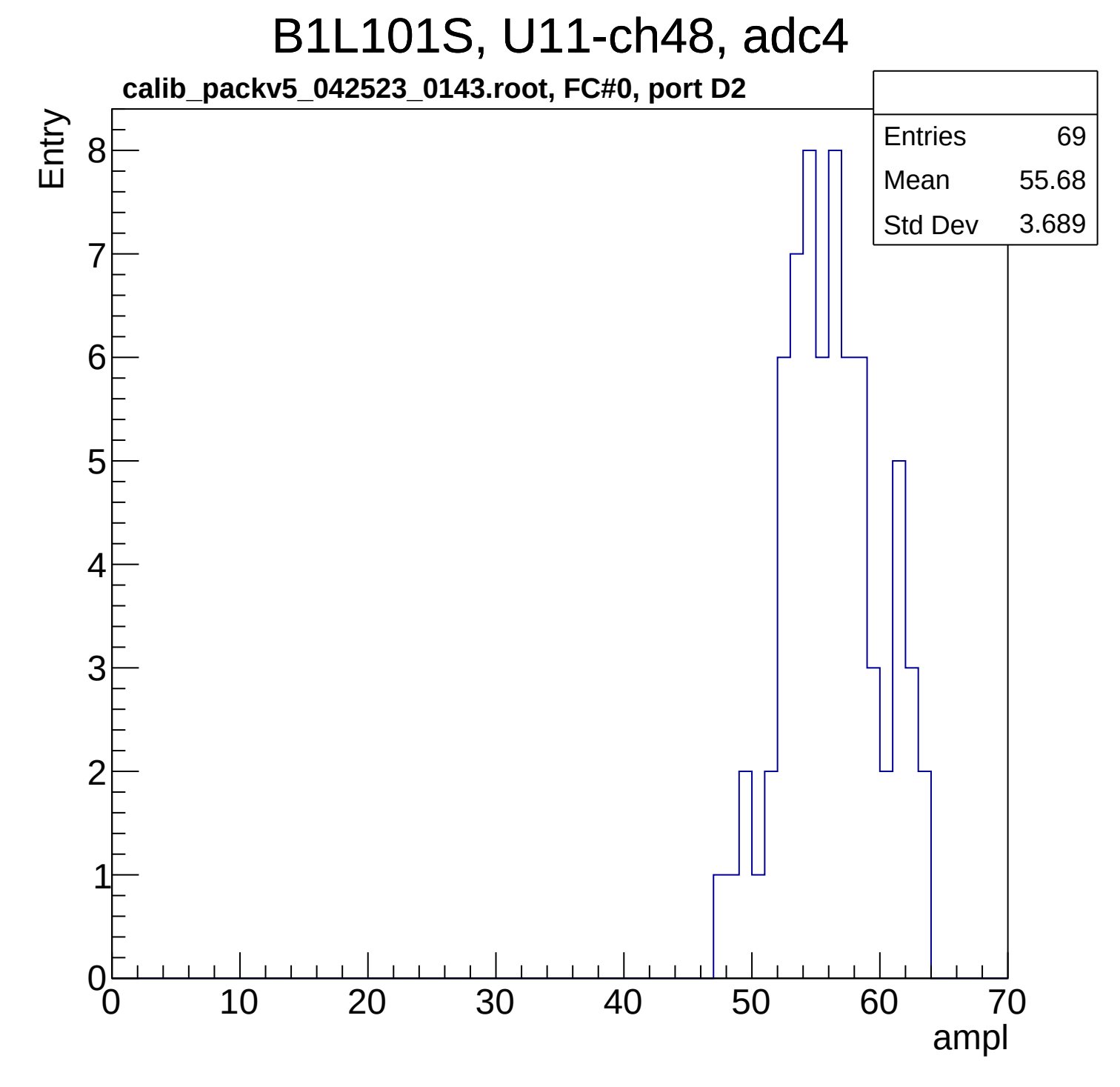

B1L101S, U11-ch48, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 49.24
Std Dev 3.467
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch48, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 55.68
Std Dev 3.689
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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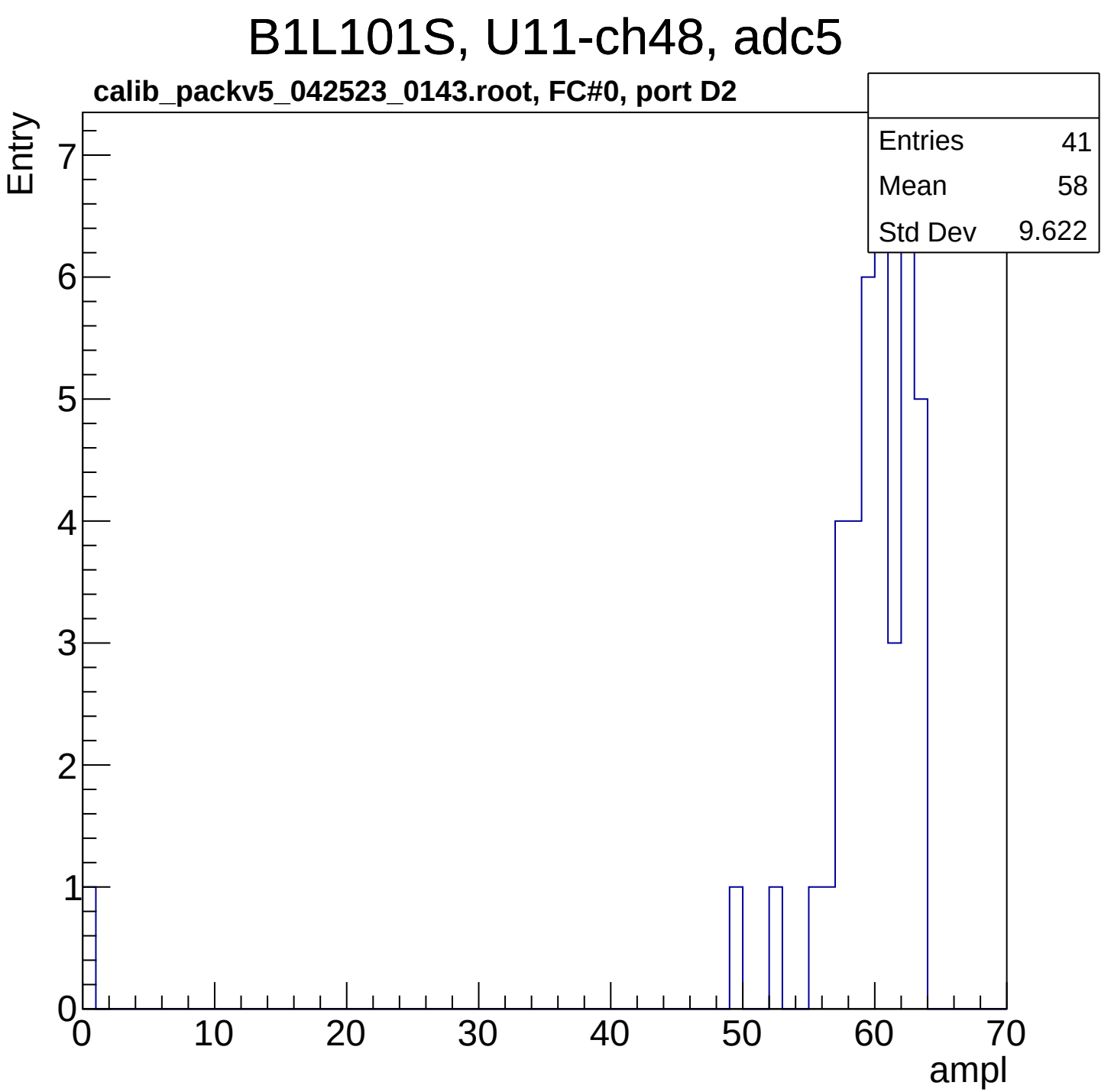
B1L101S, U11-ch48, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 41
Mean 58
Std Dev 9.622
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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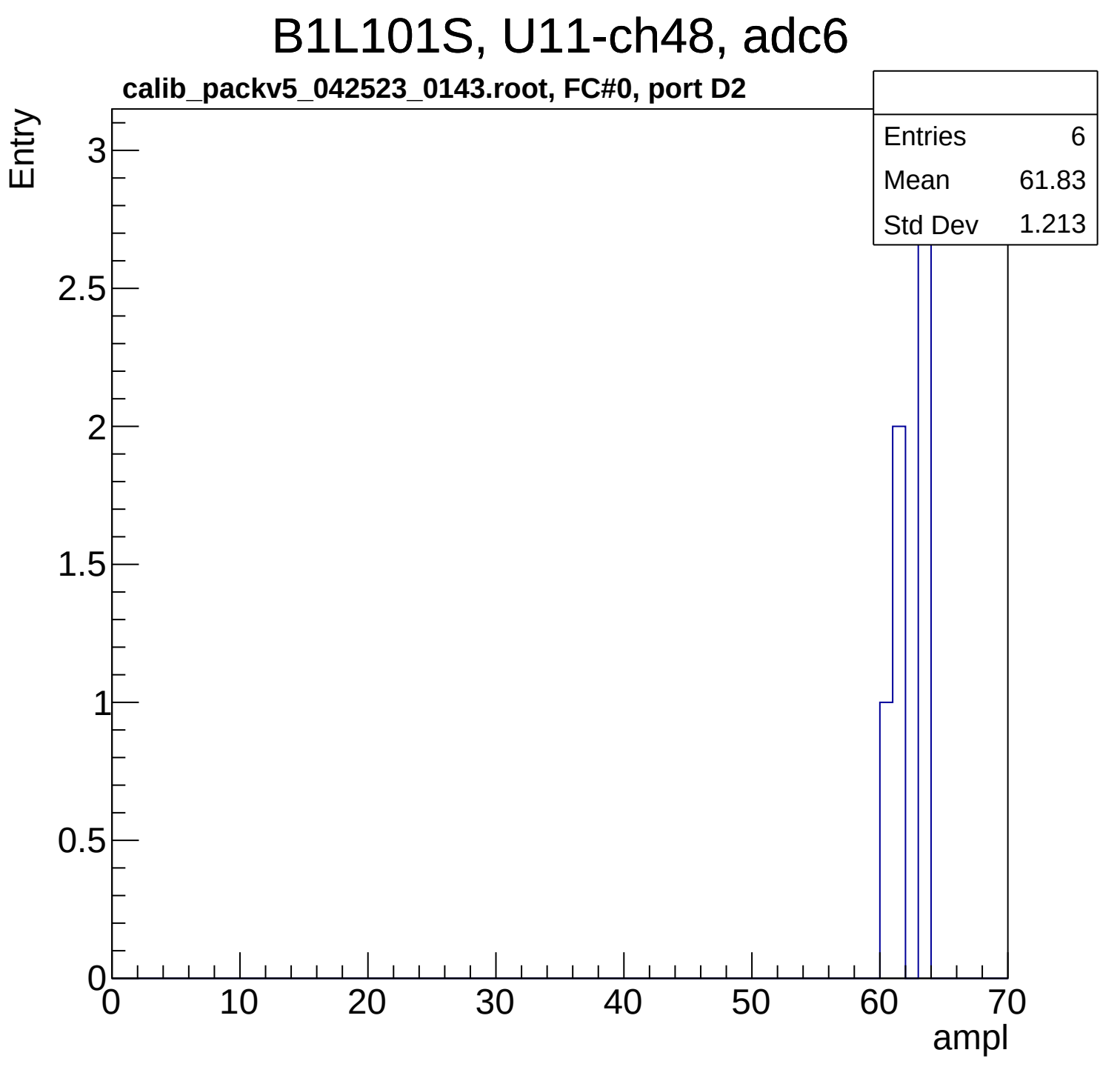
B1L101S, U11-ch48, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 6
Mean 61.83
Std Dev 1.213
Entry
ampl
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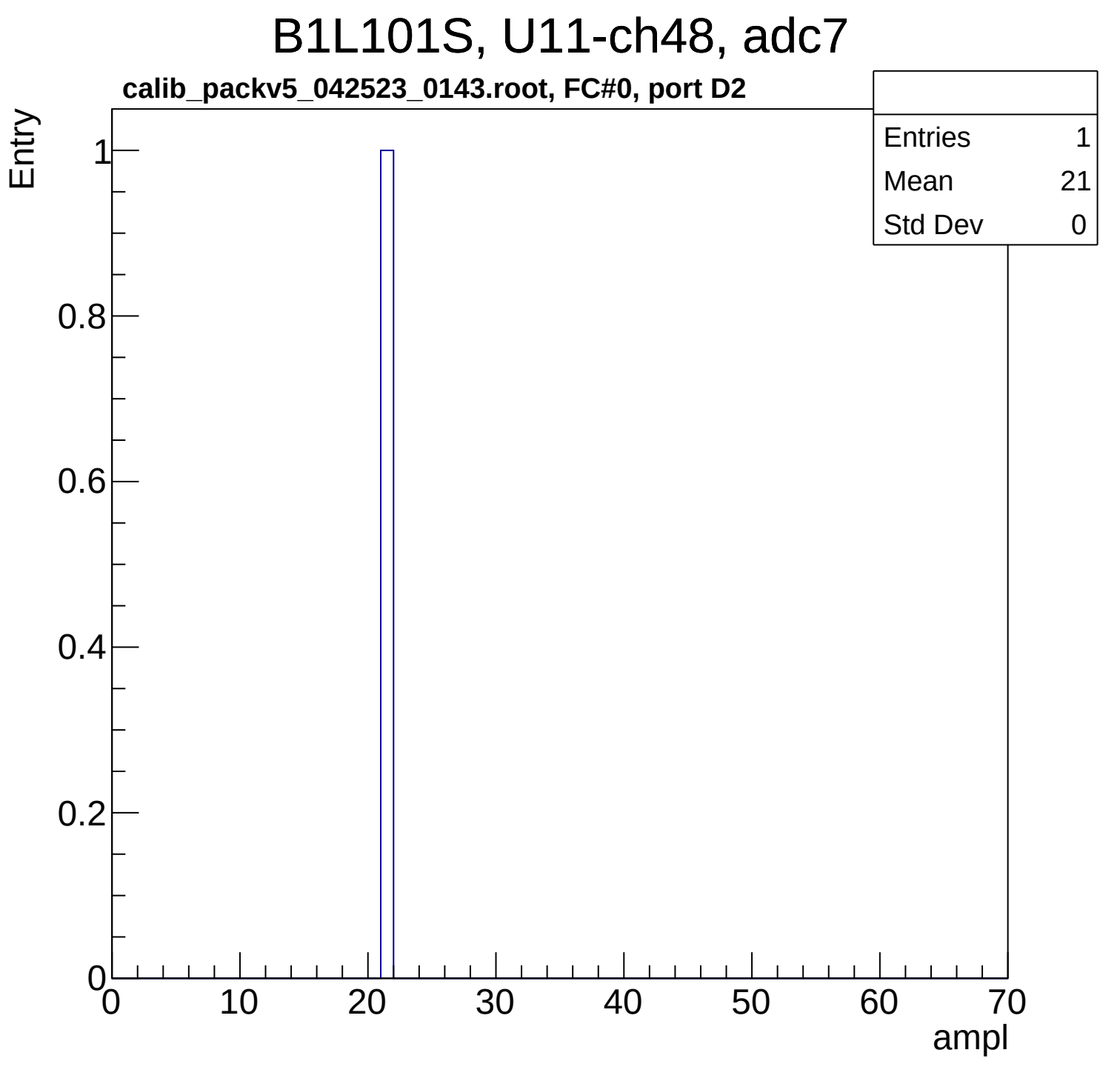
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L101S, U11-ch48, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 21
Std Dev 0
Entry
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0.6
0.4
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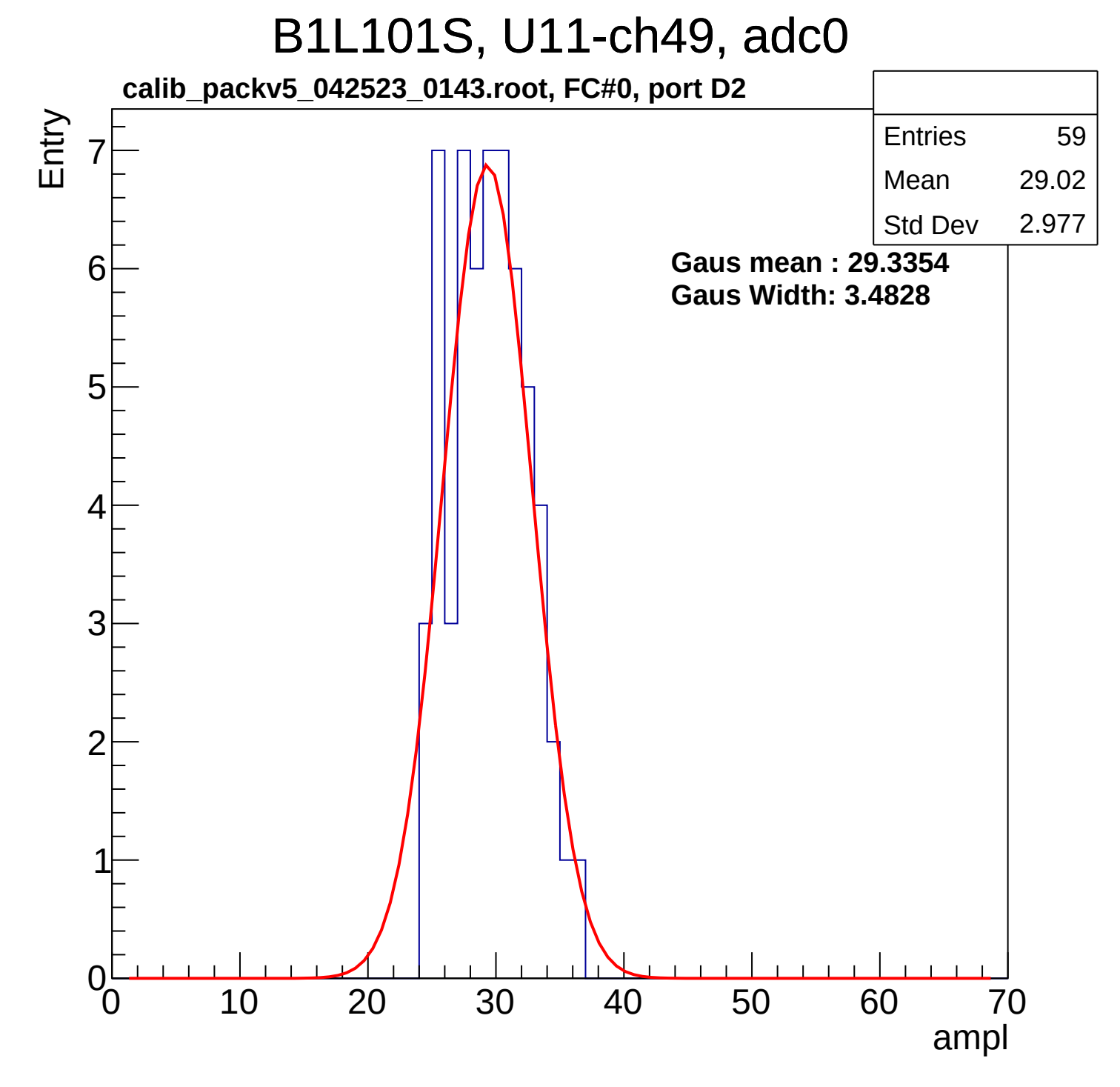
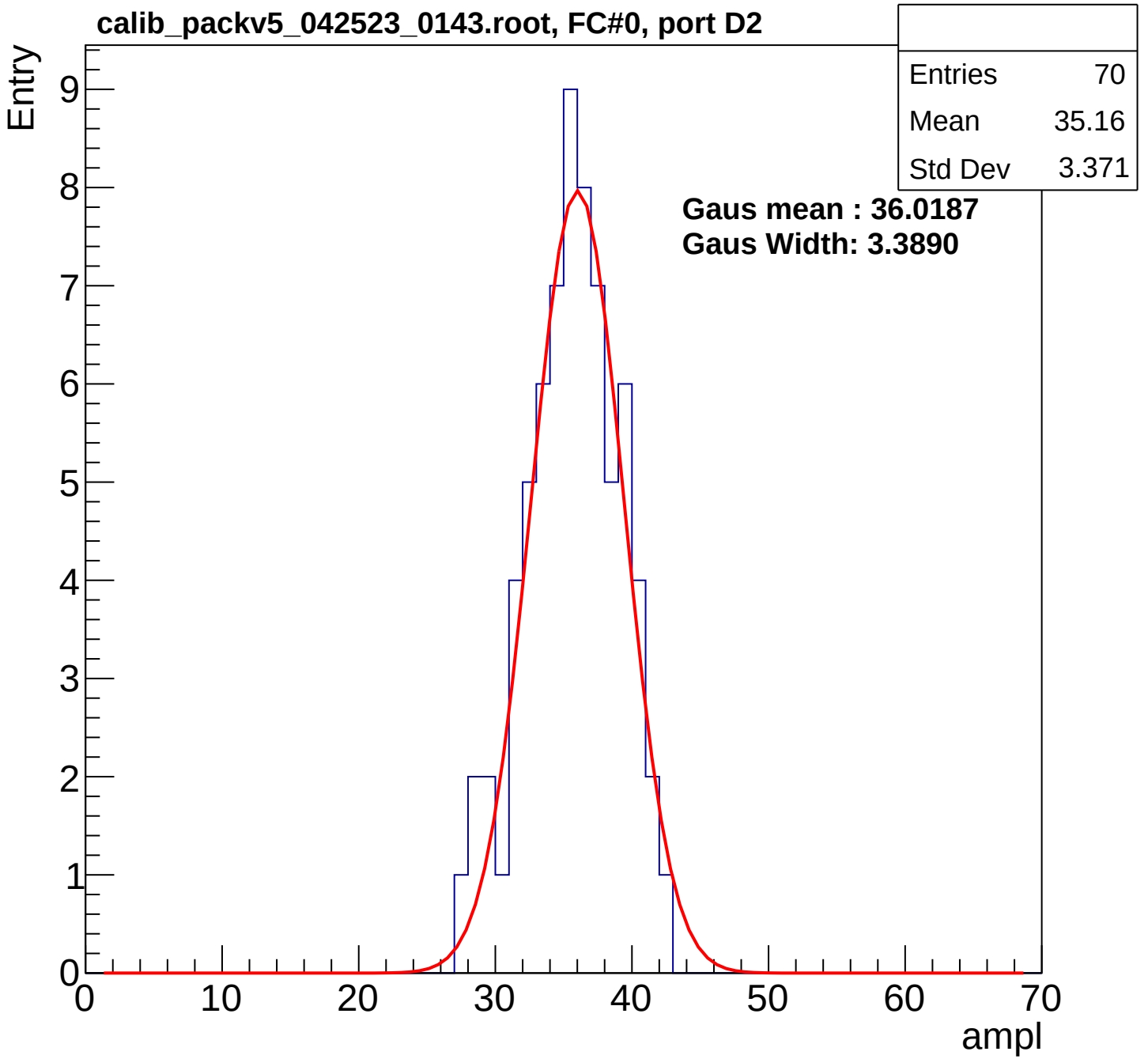
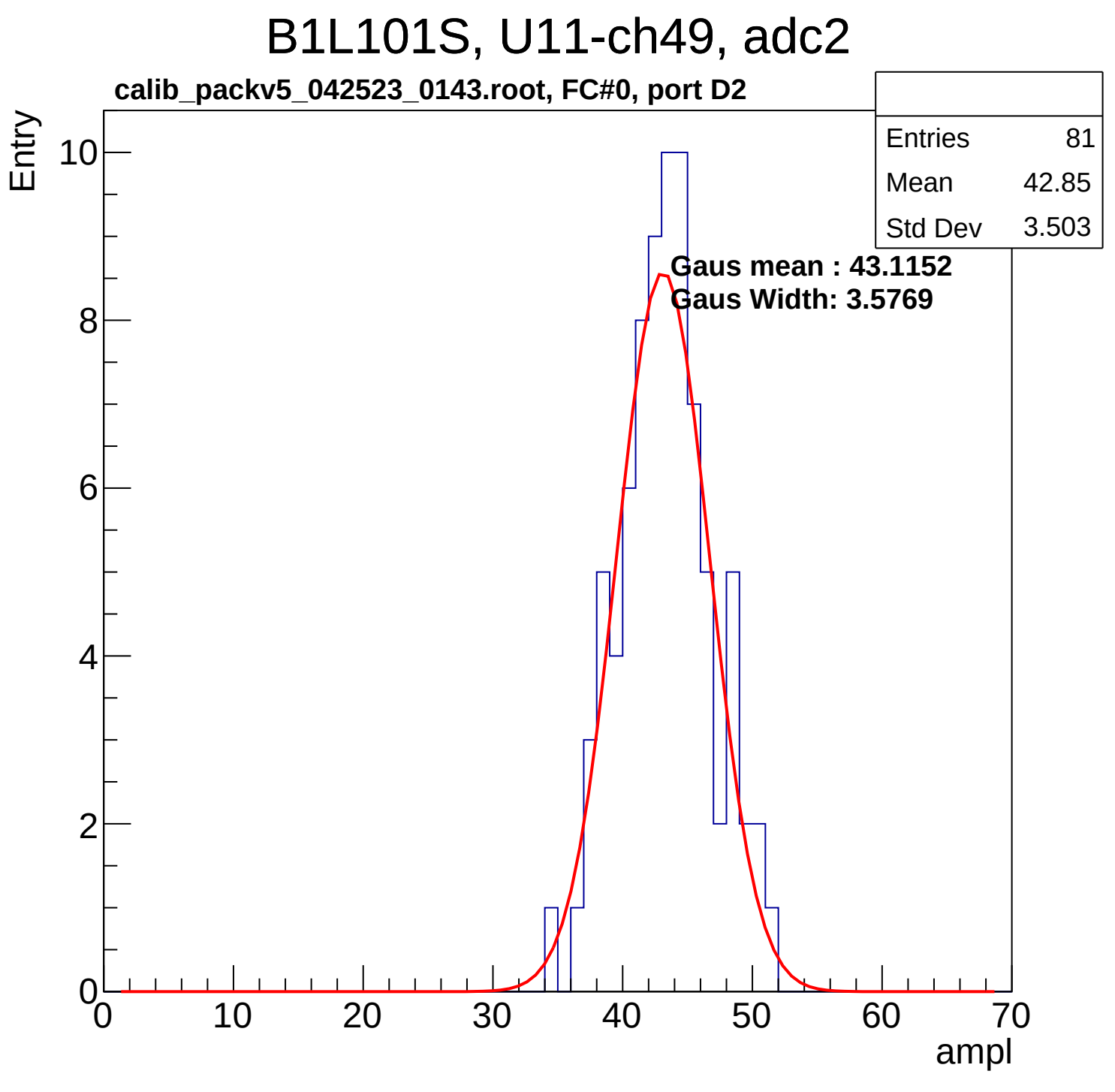
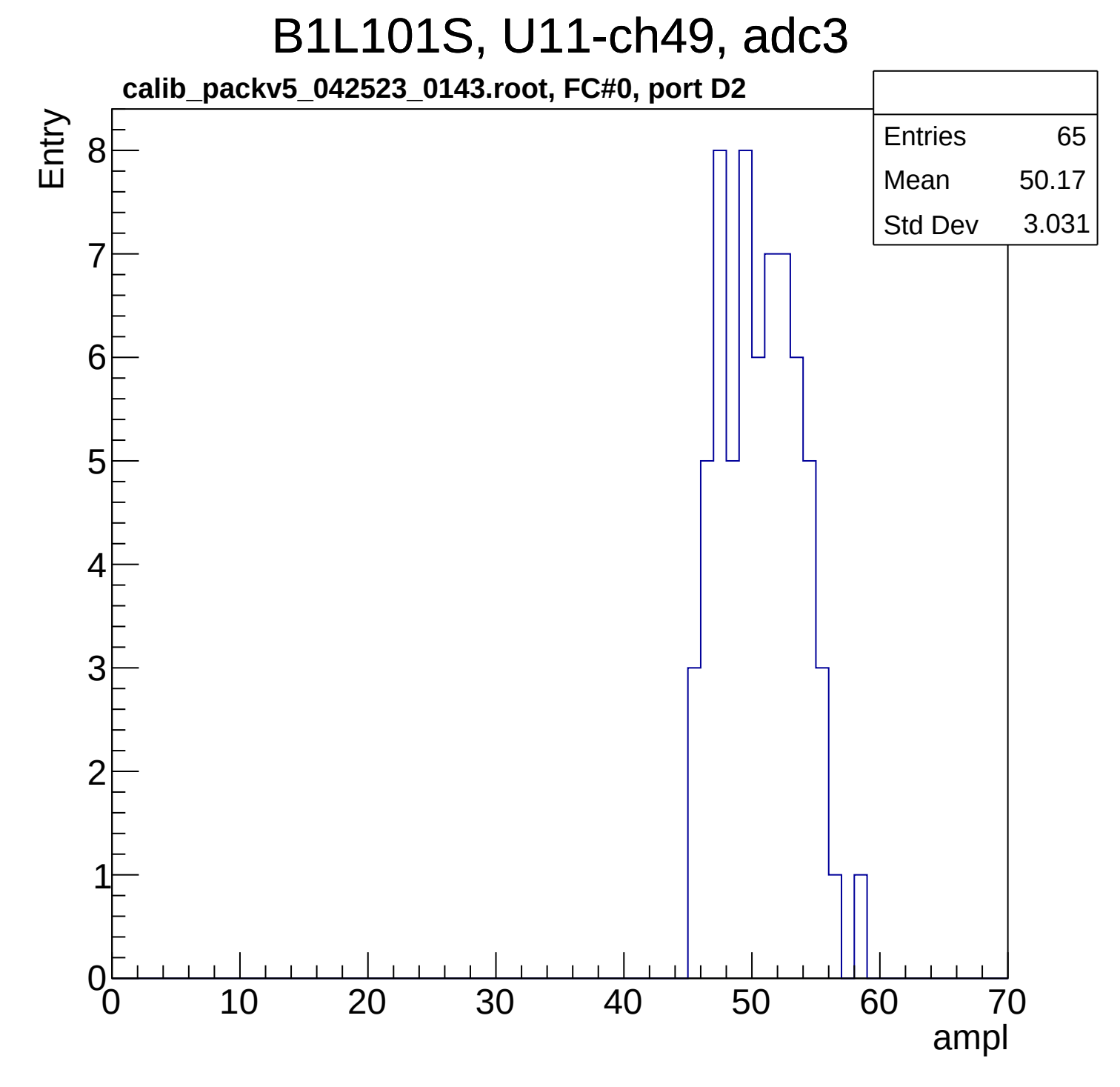
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch49, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 29.02
Std Dev 2.977
Gaus mean : 29.3354
Gaus Width: 3.4828
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch49, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 35.16
Std Dev 3.371
Gaus mean : 36.0187
Gaus Width: 3.3890
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch49, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 81
Mean 42.85
Std Dev 3.503
Gaus mean : 43.1152
Gaus Width: 3.5769
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch49, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 50.17
Std Dev 3.031
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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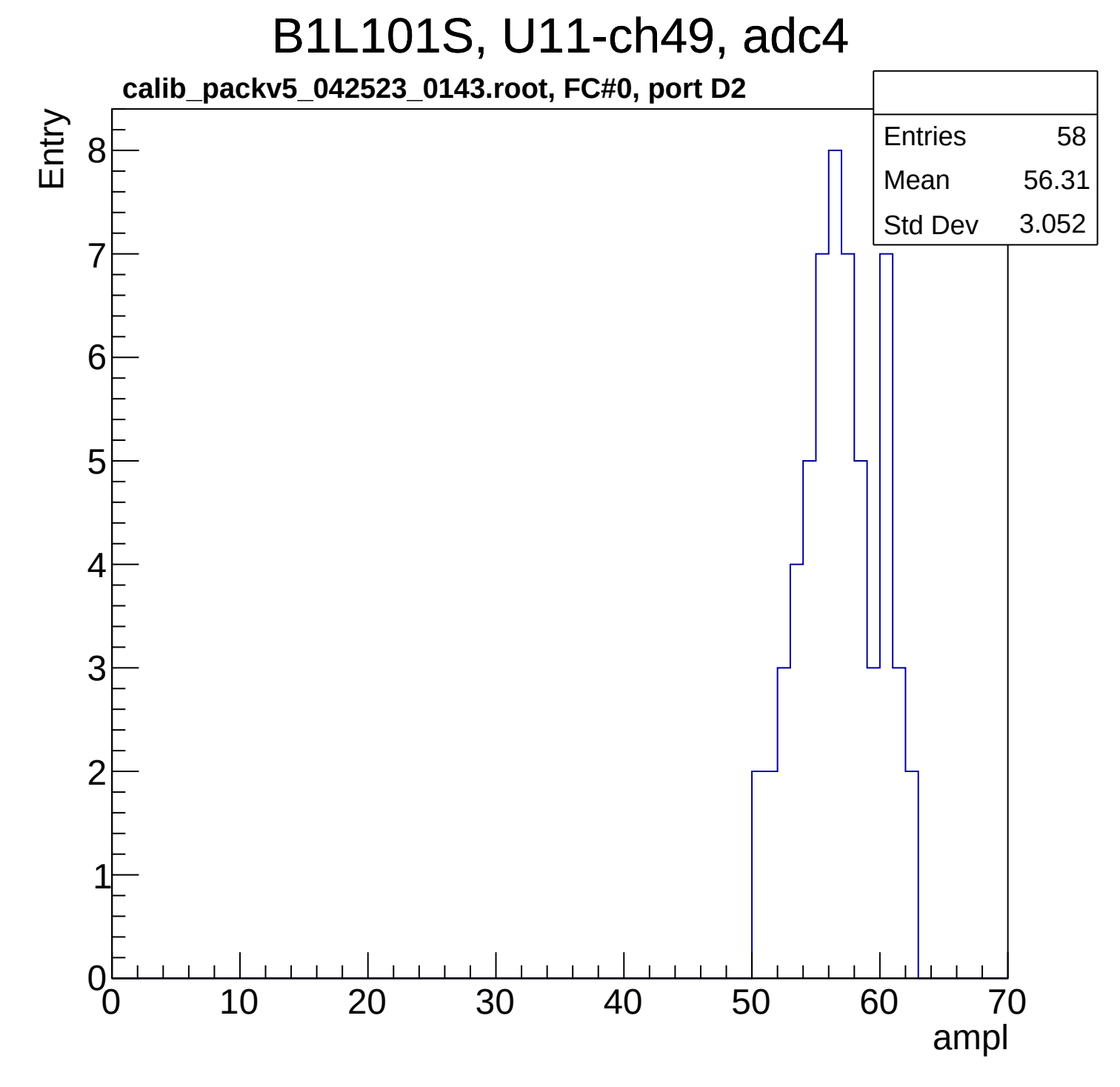
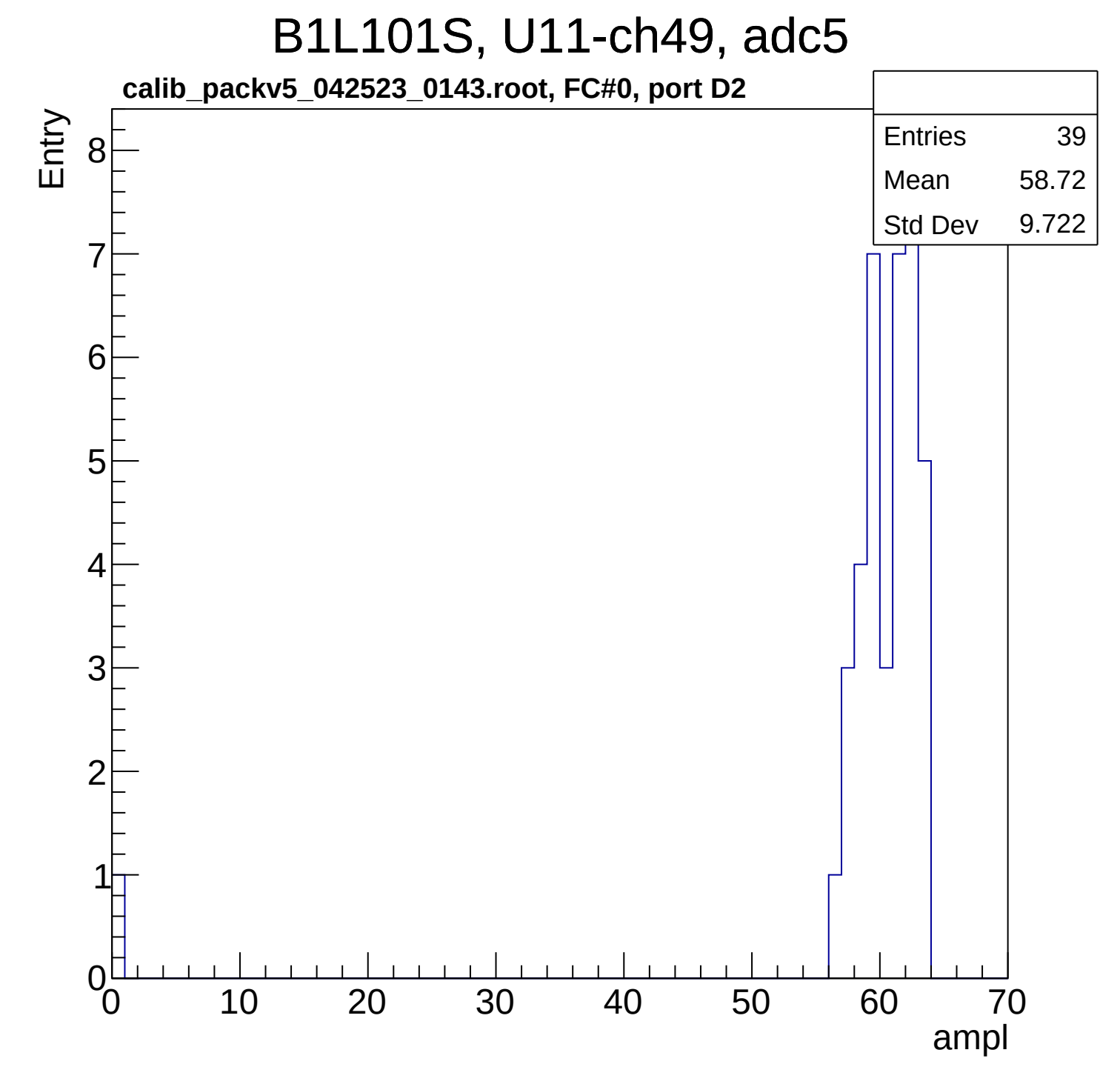
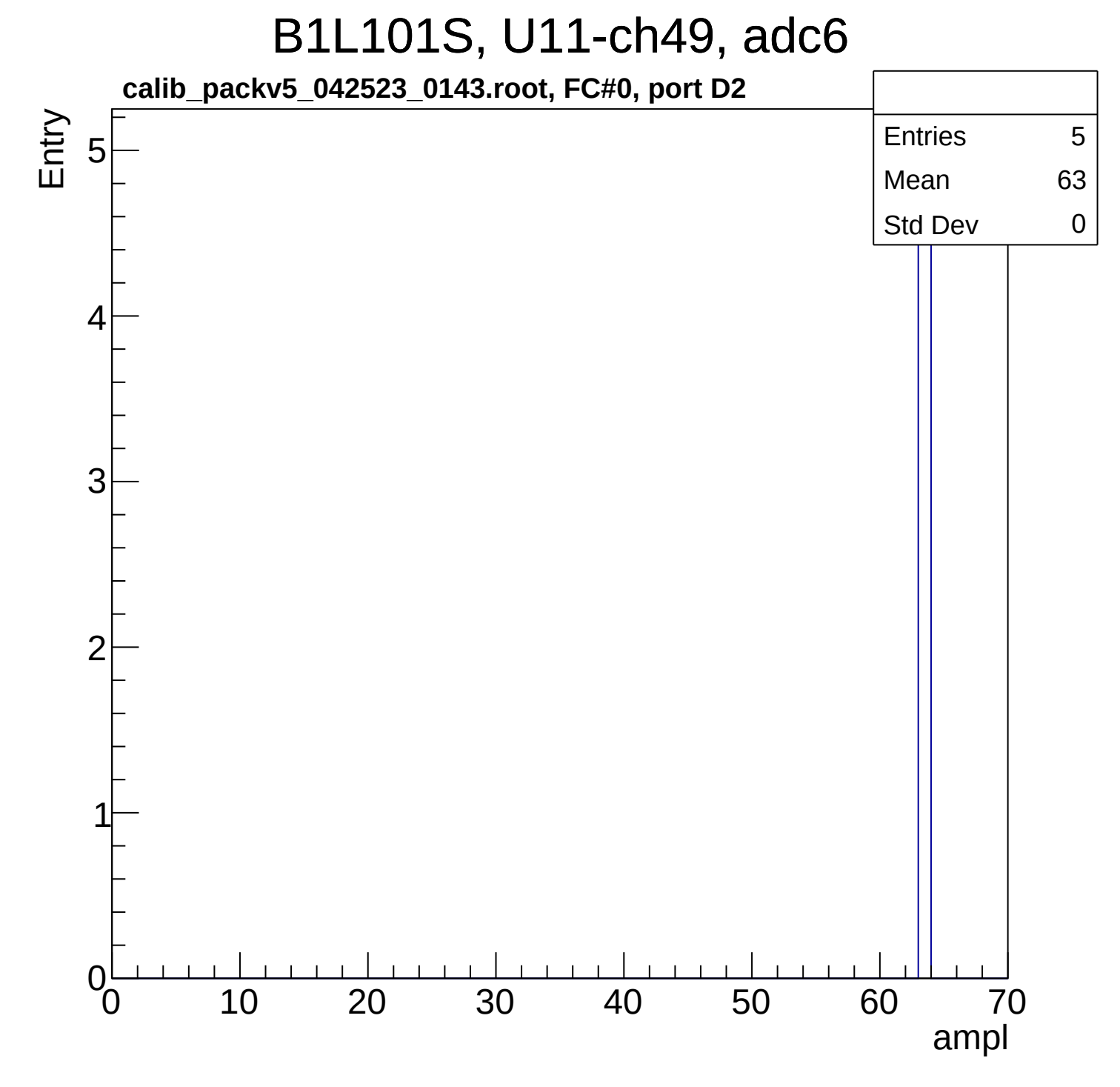
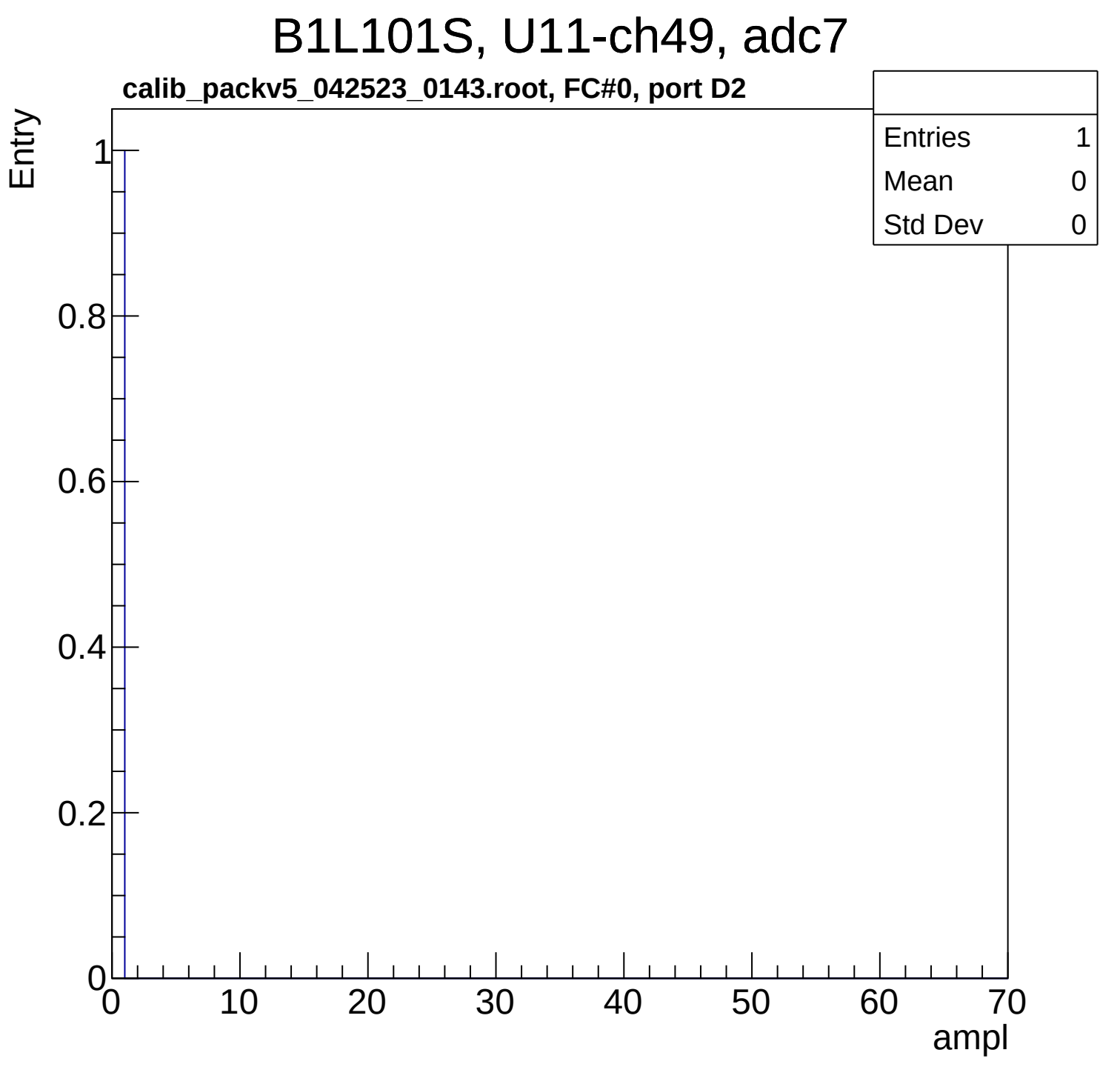
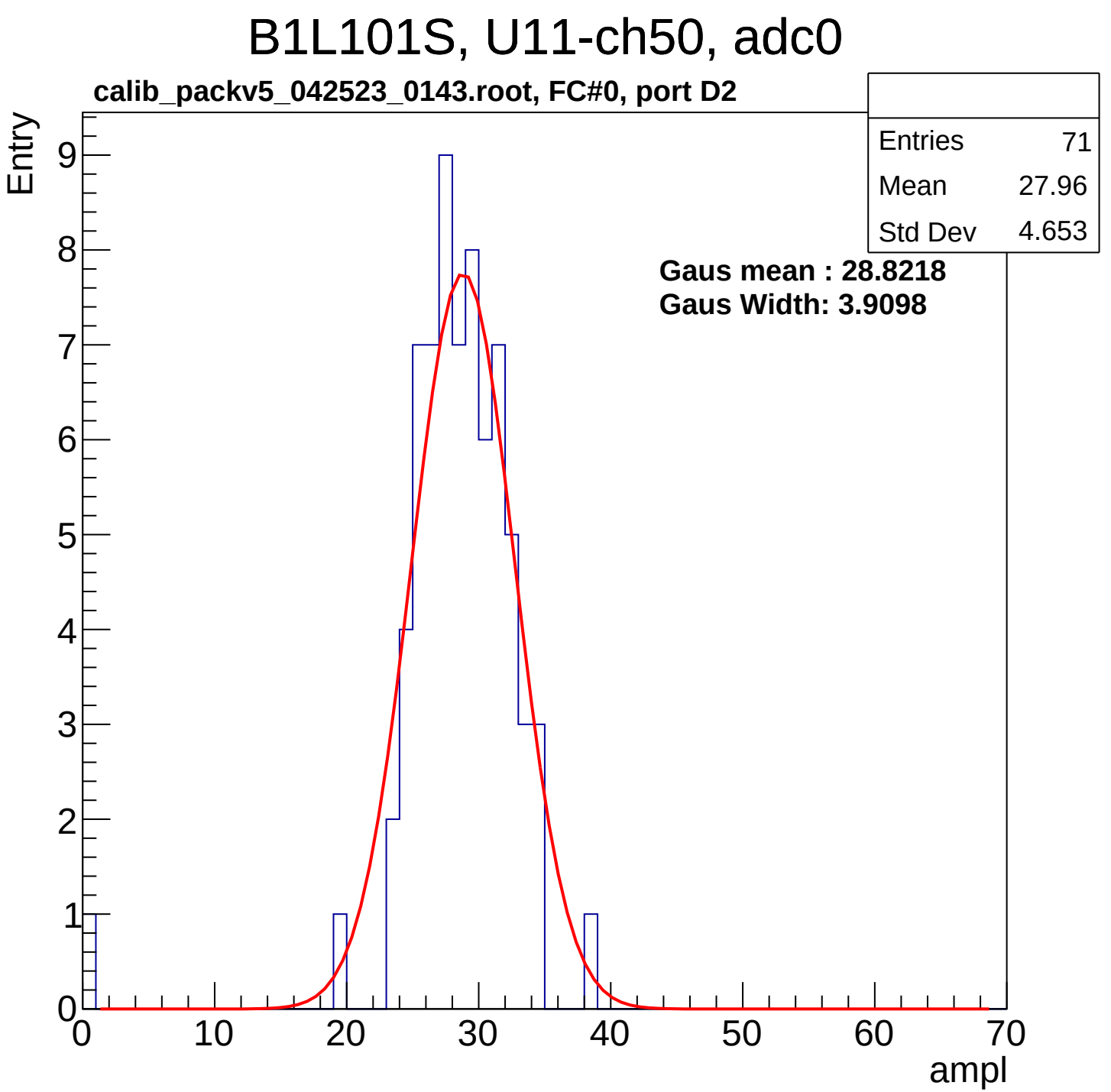
40
50
60
70

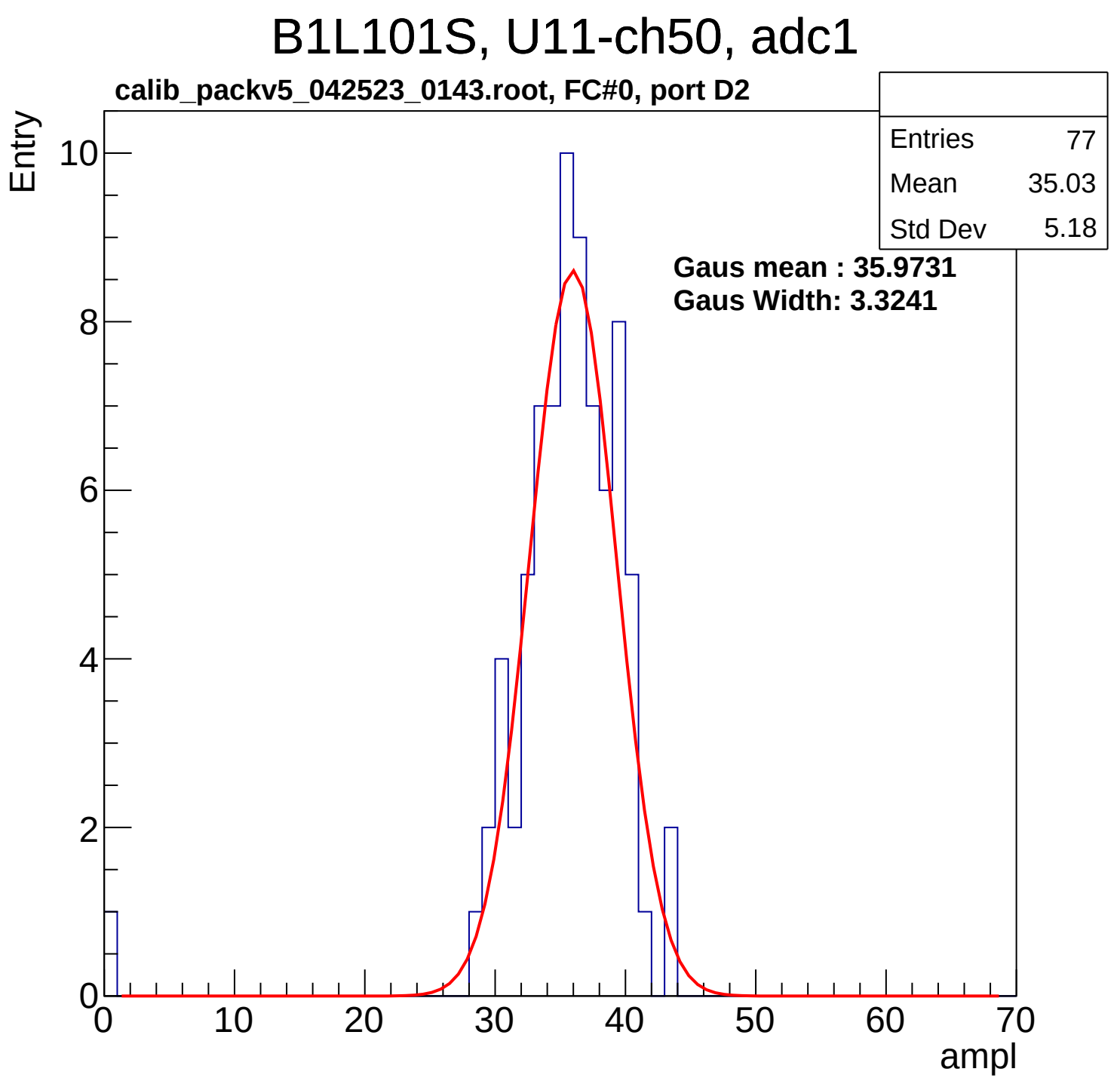

B1L101S, U11-ch49, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 56.31
Std Dev 3.052
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch49, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 39
Mean 58.72
Std Dev 9.722
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch49, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 5
Mean 63
Std Dev 0
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch49, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch50, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 27.96
Std Dev 4.653
Gaus mean : 28.8218
Gaus Width: 3.9098
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch50, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 77
Mean 35.03
Std Dev 5.18
Gaus mean : 35.9731
Gaus Width: 3.3241
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
50
60
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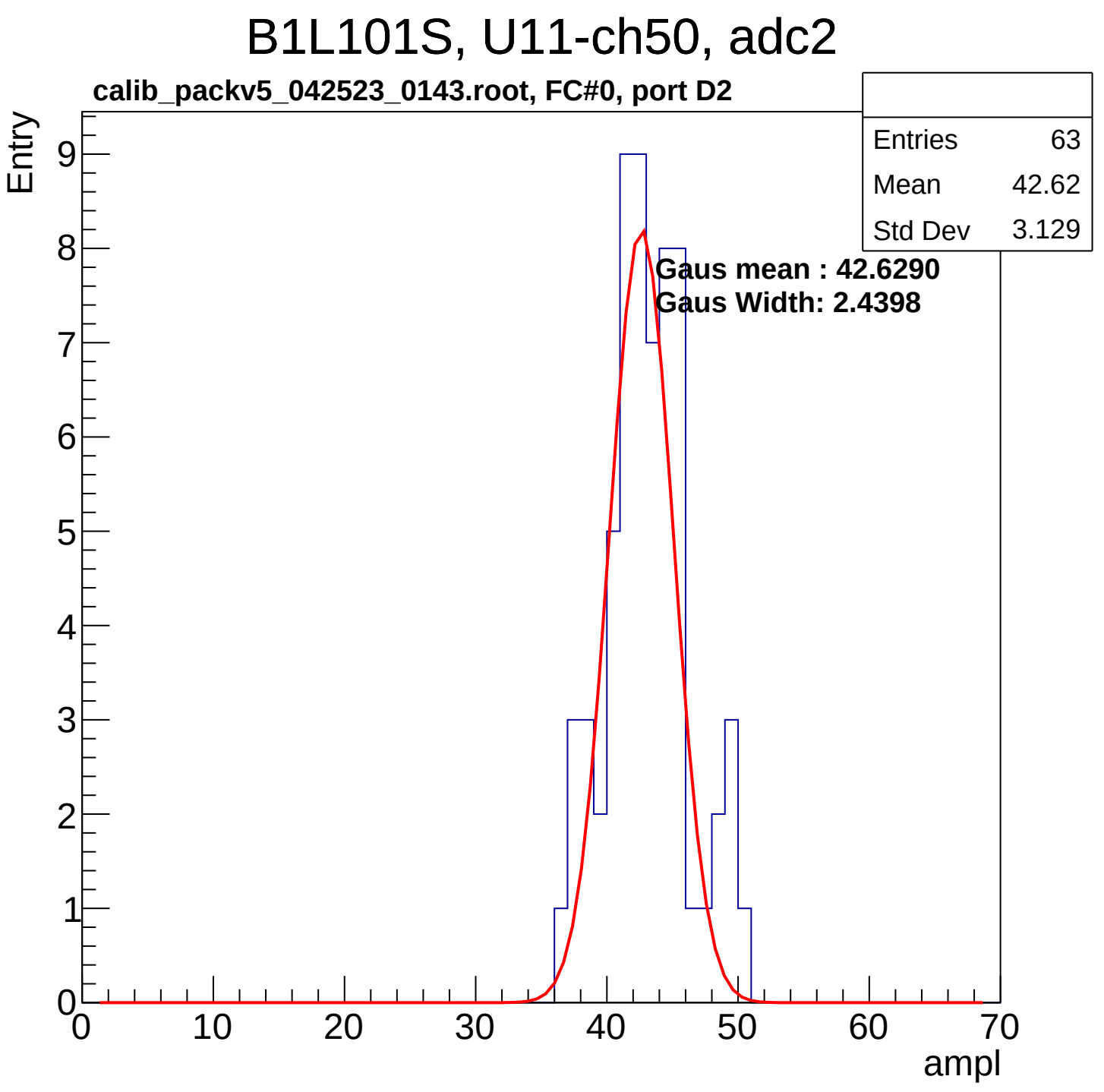
B1L101S, U11-ch50, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 42.62
Std Dev 3.129
Gaus mean : 42.6290
Gaus Width: 2.4398
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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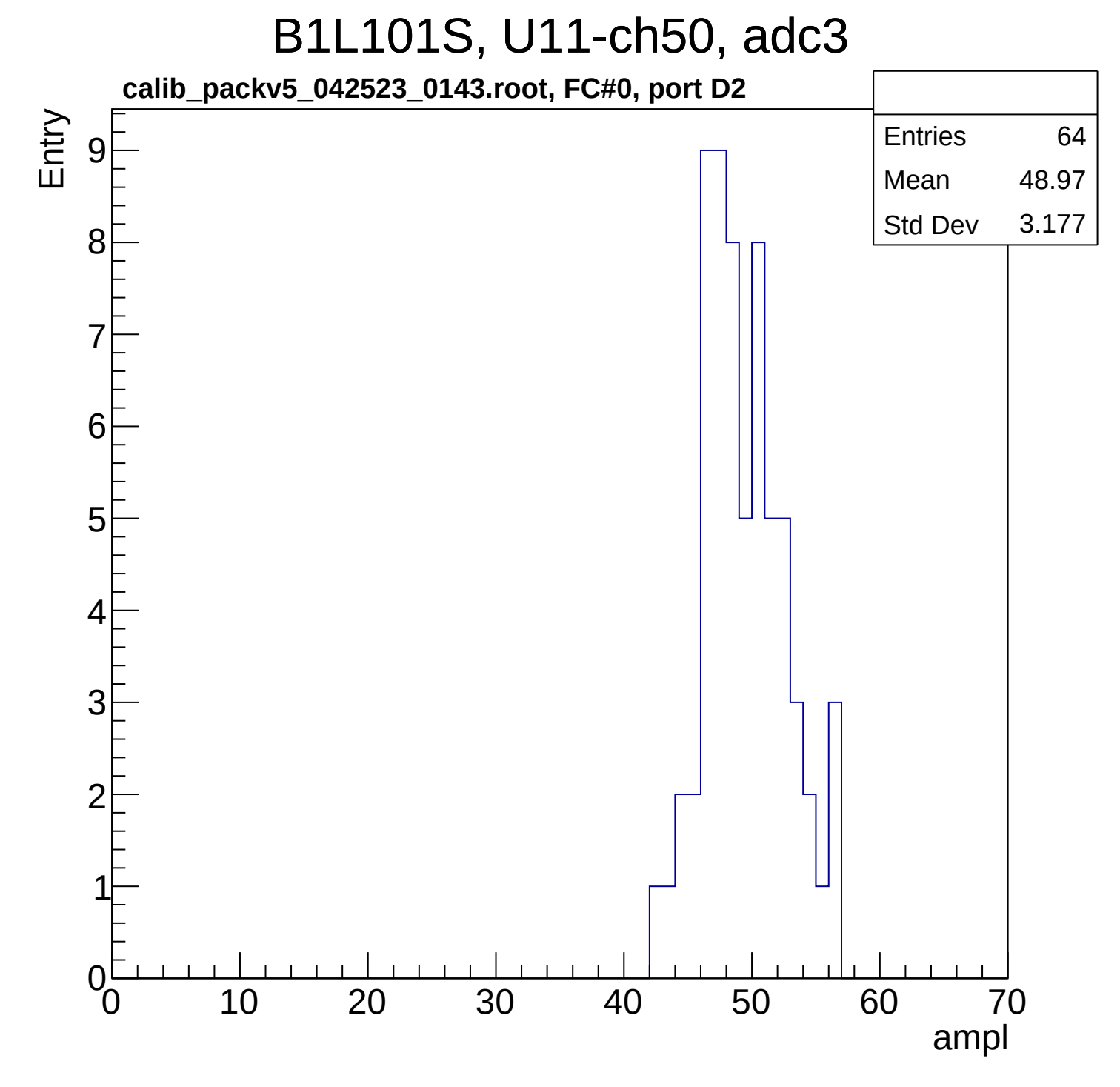
B1L101S, U11-ch50, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 48.97
Std Dev 3.177
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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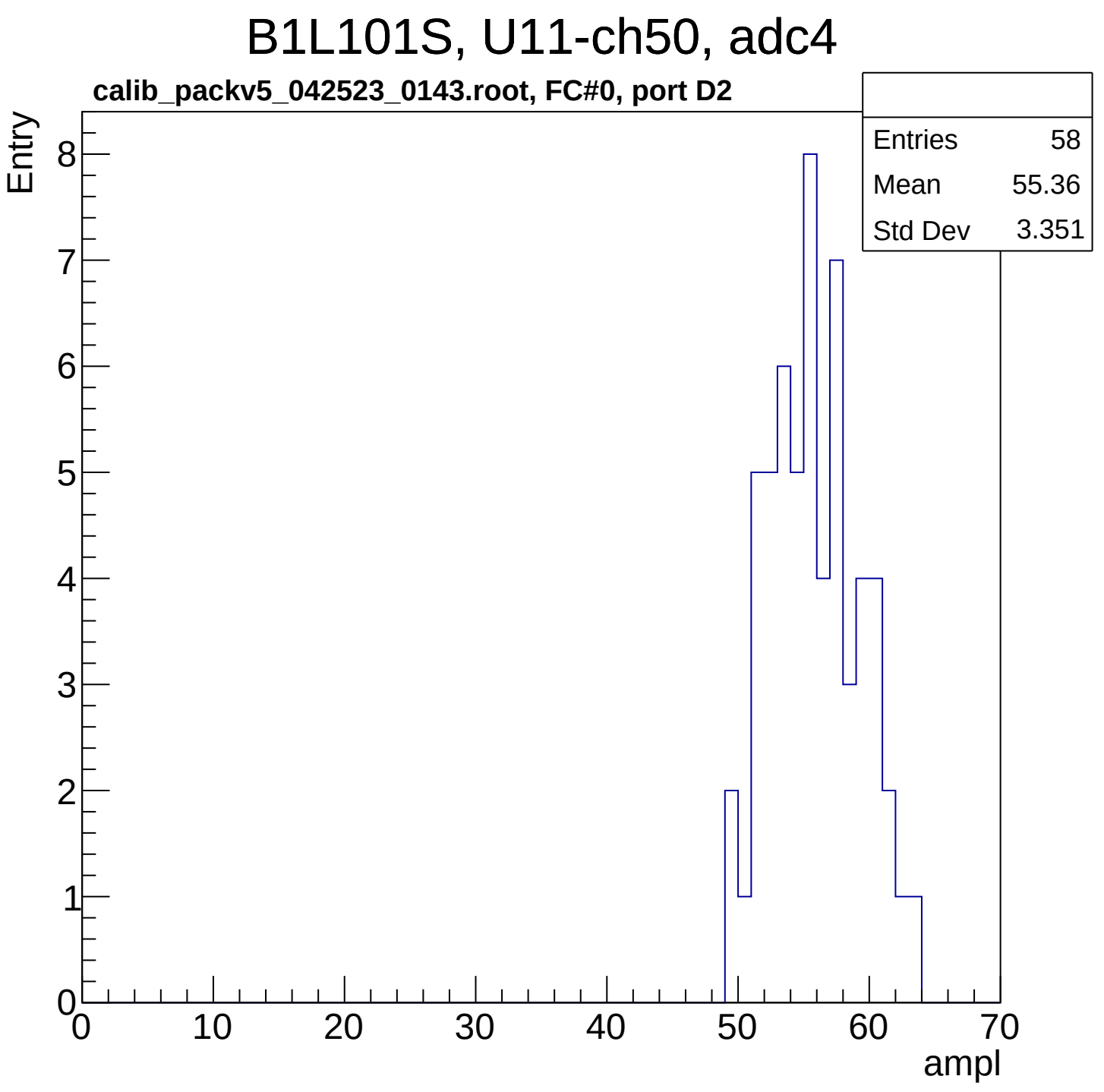
B1L101S, U11-ch50, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 55.36
Std Dev 3.351
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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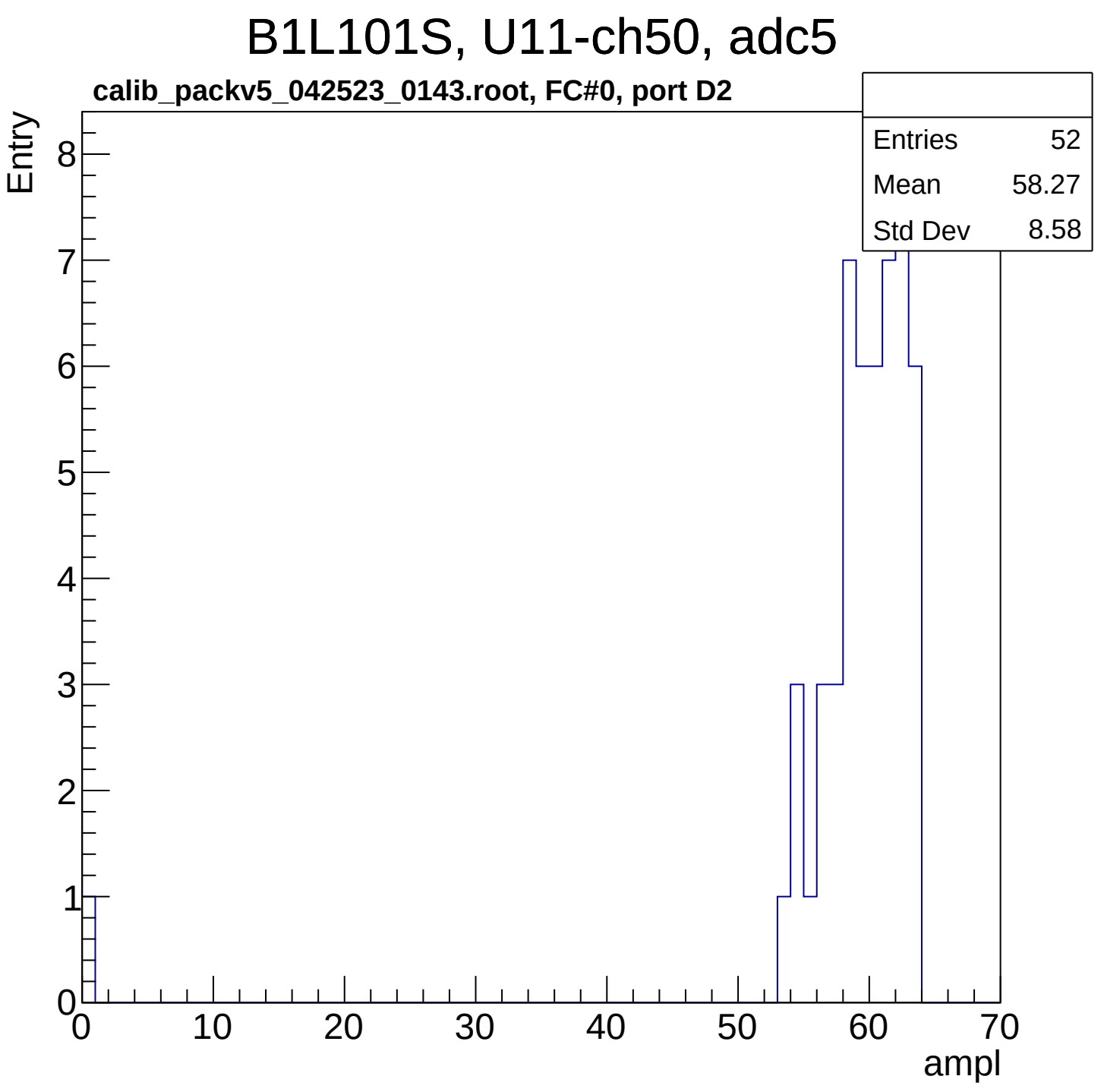
B1L101S, U11-ch50, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 58.27
Std Dev 8.58
Entry
ampl
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2
3
4
5
6
7
8
0
10
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40
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60
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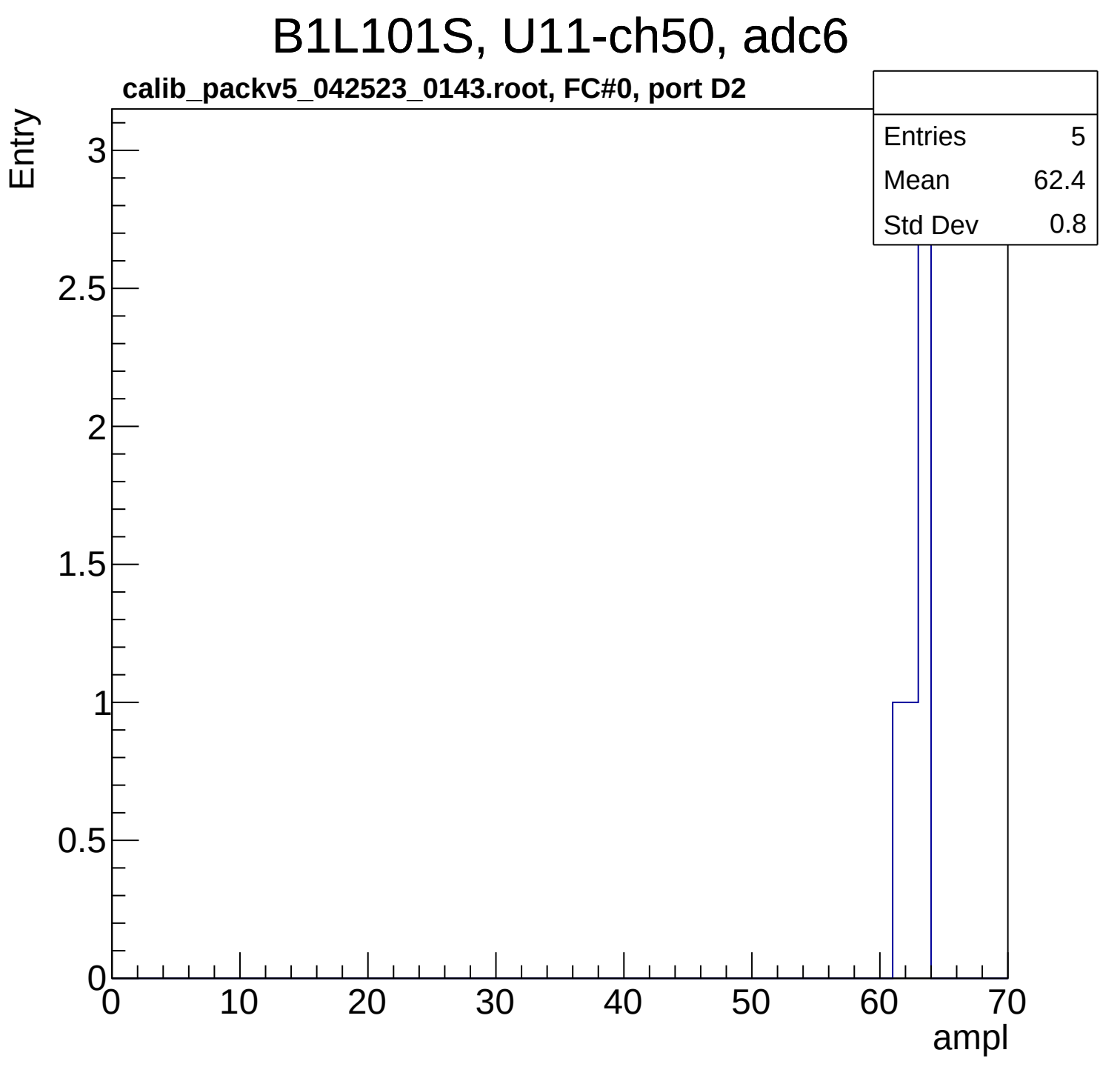
B1L101S, U11-ch50, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 5
Mean 62.4
Std Dev 0.8
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
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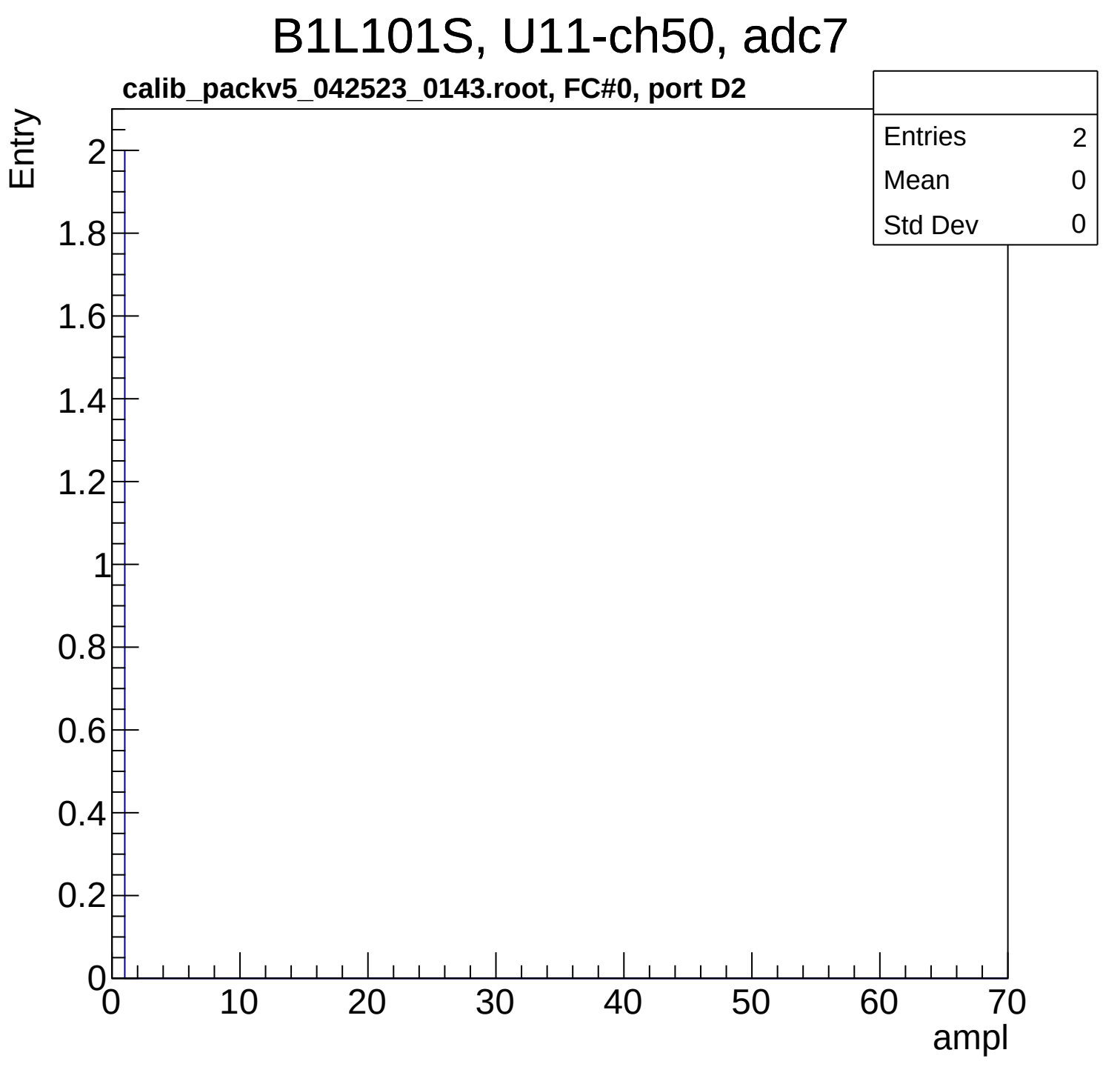
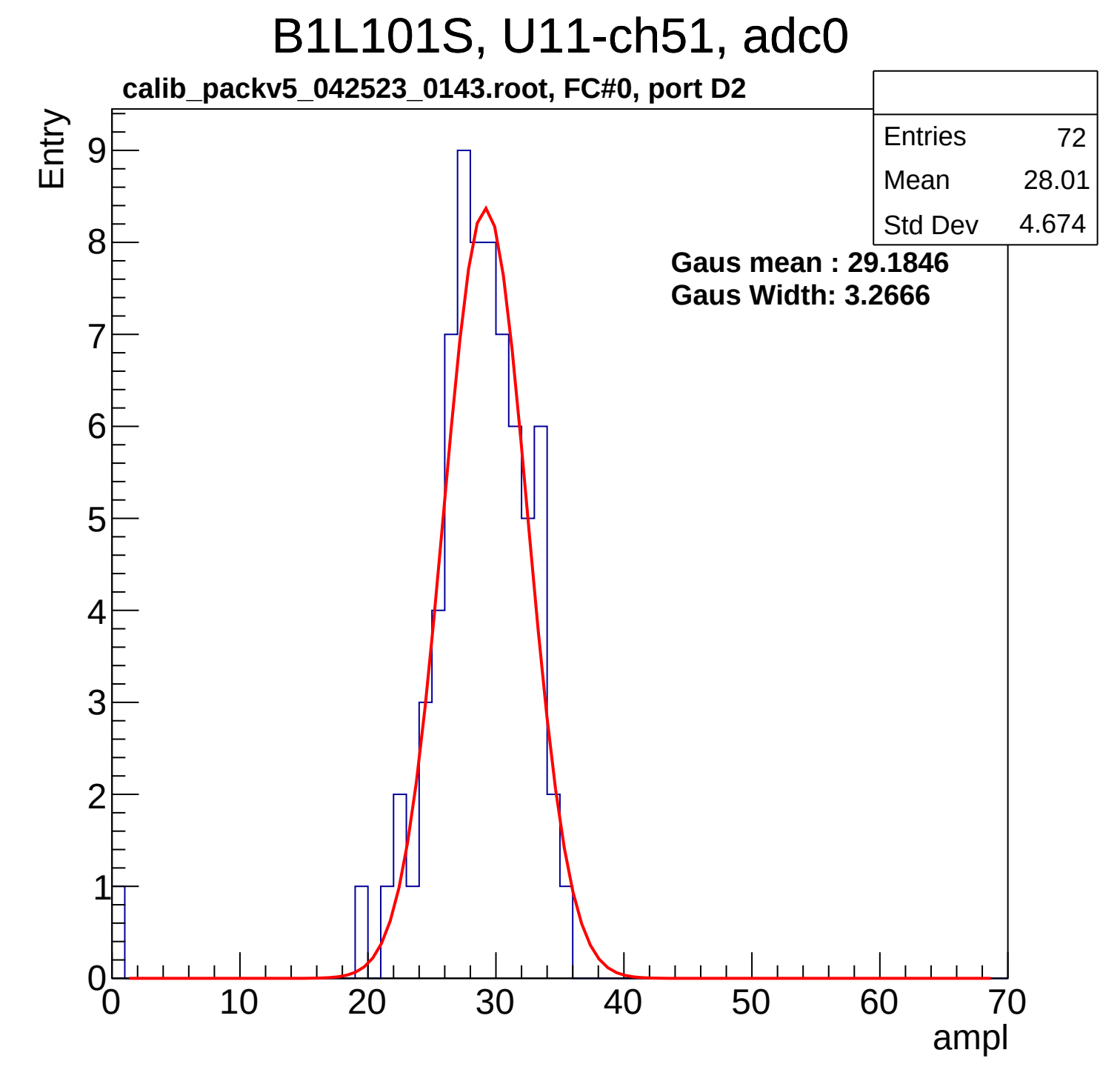

B1L101S, U11-ch50, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 0
Std Dev 0
Entry
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch51, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 28.01
Std Dev 4.674
Gaus mean : 29.1846
Gaus Width: 3.2666
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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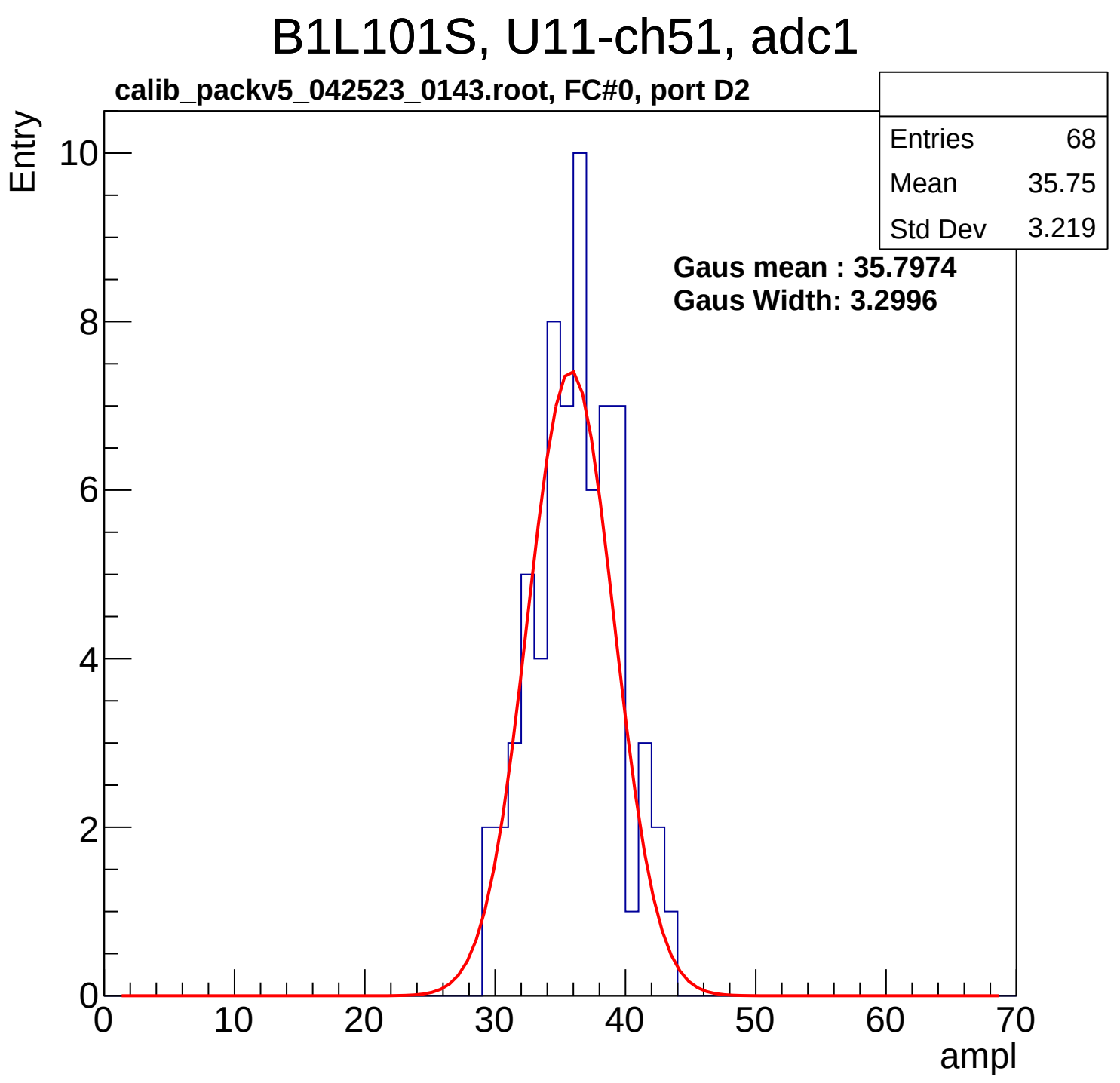
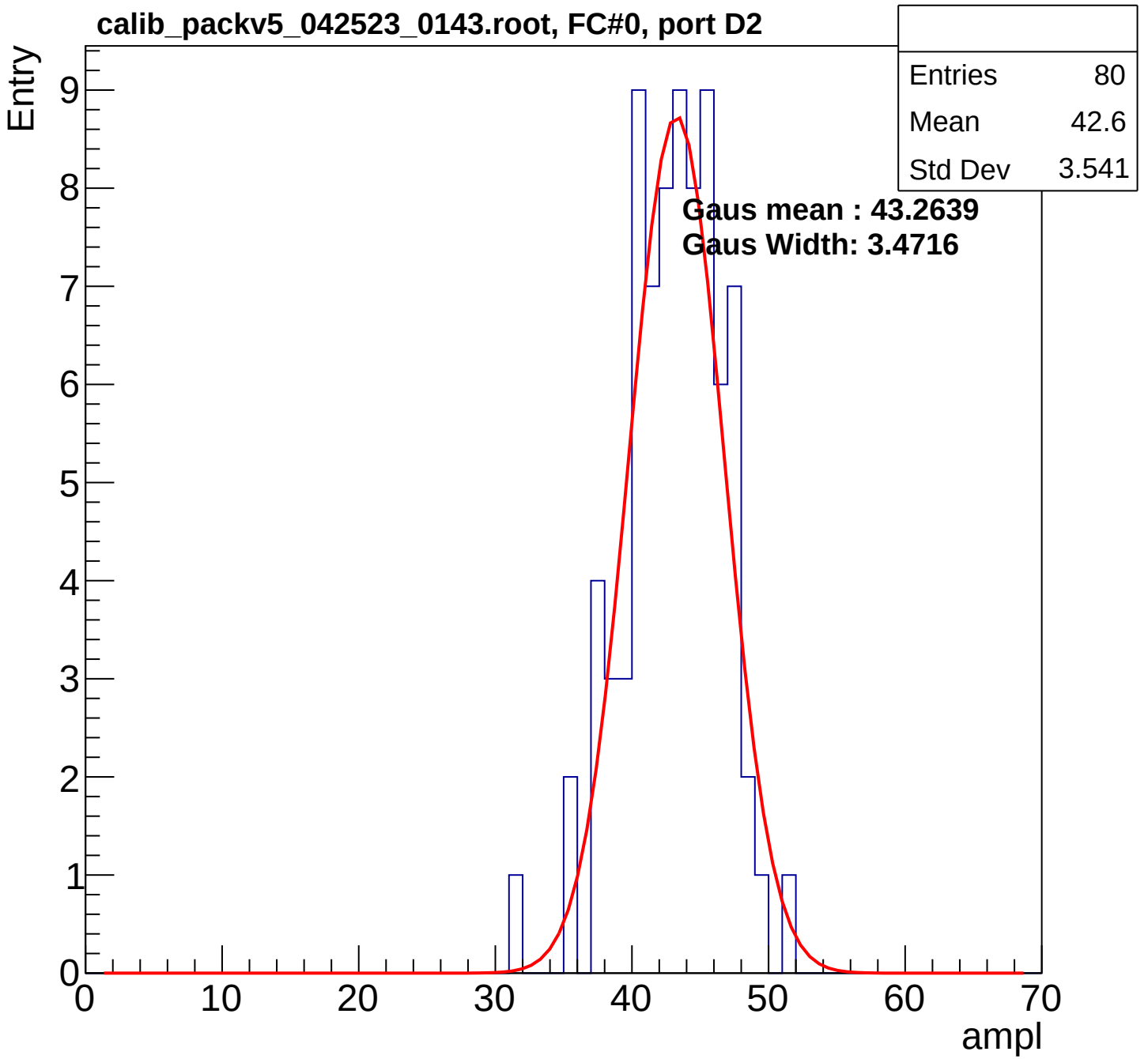

B1L101S, U11-ch51, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 35.75
Std Dev 3.219
Gaus mean : 35.7974
Gaus Width: 3.2996
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch51, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 80
Mean 42.6
Std Dev 3.541
Gaus mean : 43.2639
Gaus Width: 3.4716
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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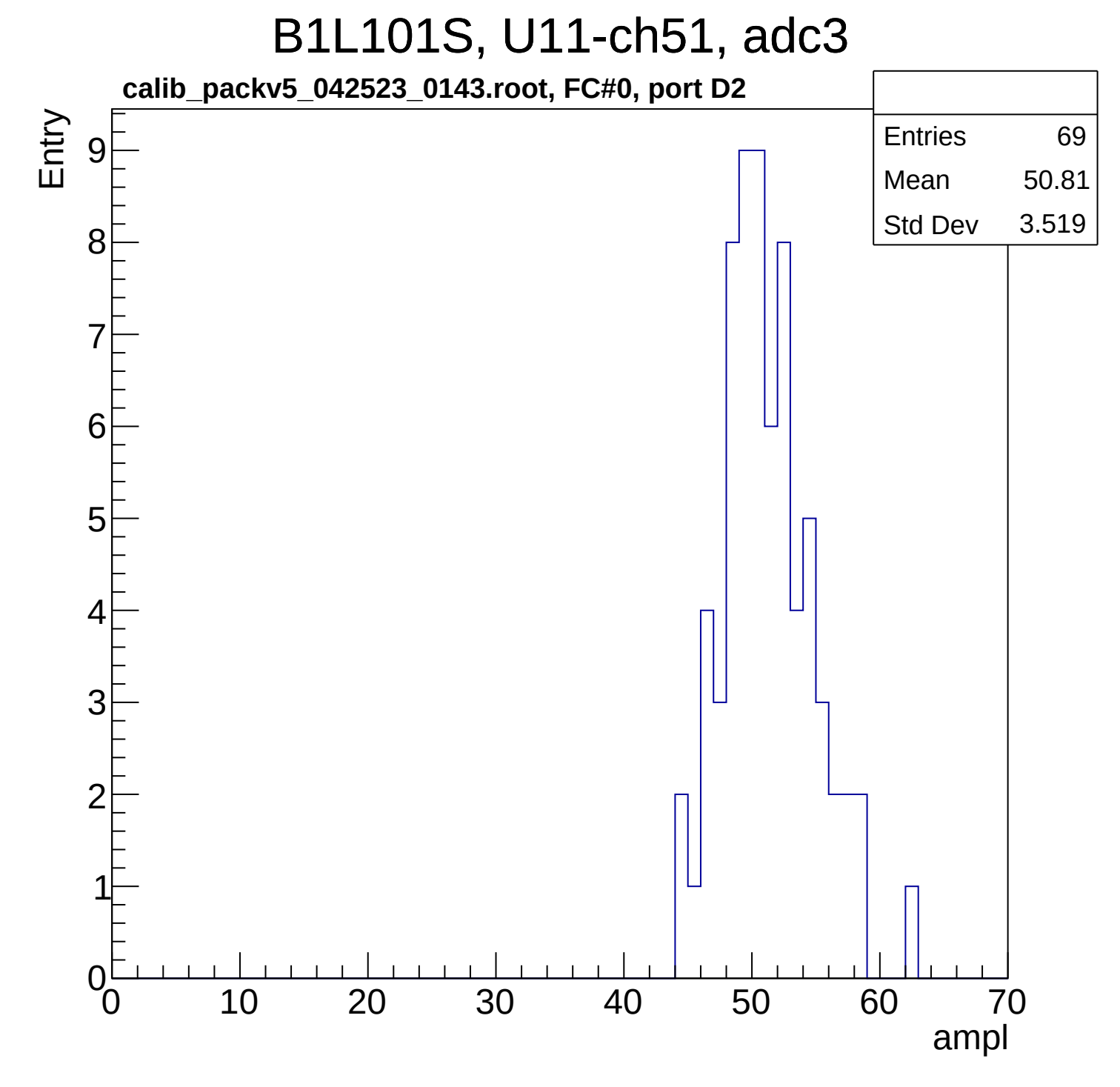
B1L101S, U11-ch51, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 50.81
Std Dev 3.519
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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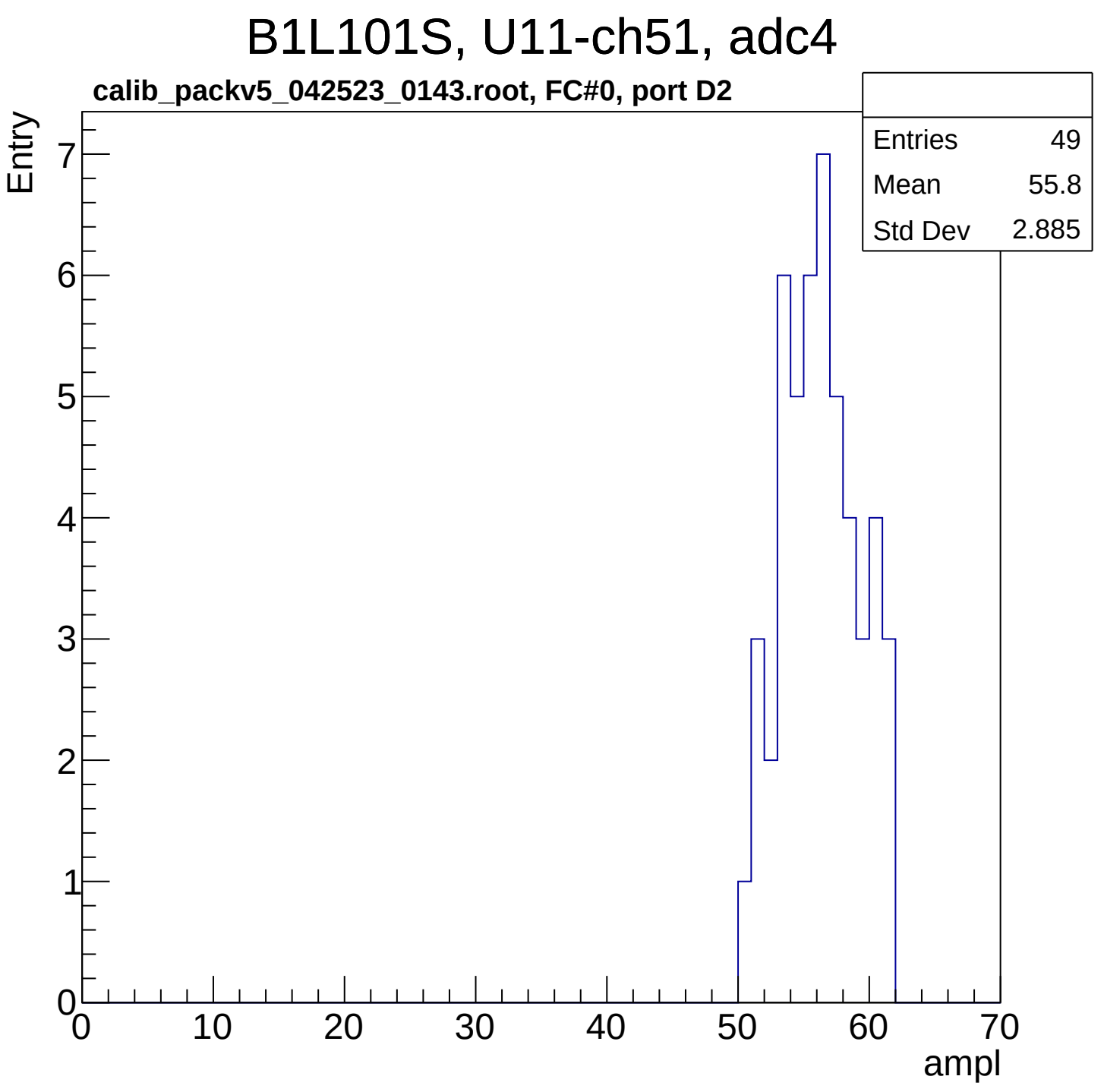
B1L101S, U11-ch51, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 49
Mean 55.8
Std Dev 2.885
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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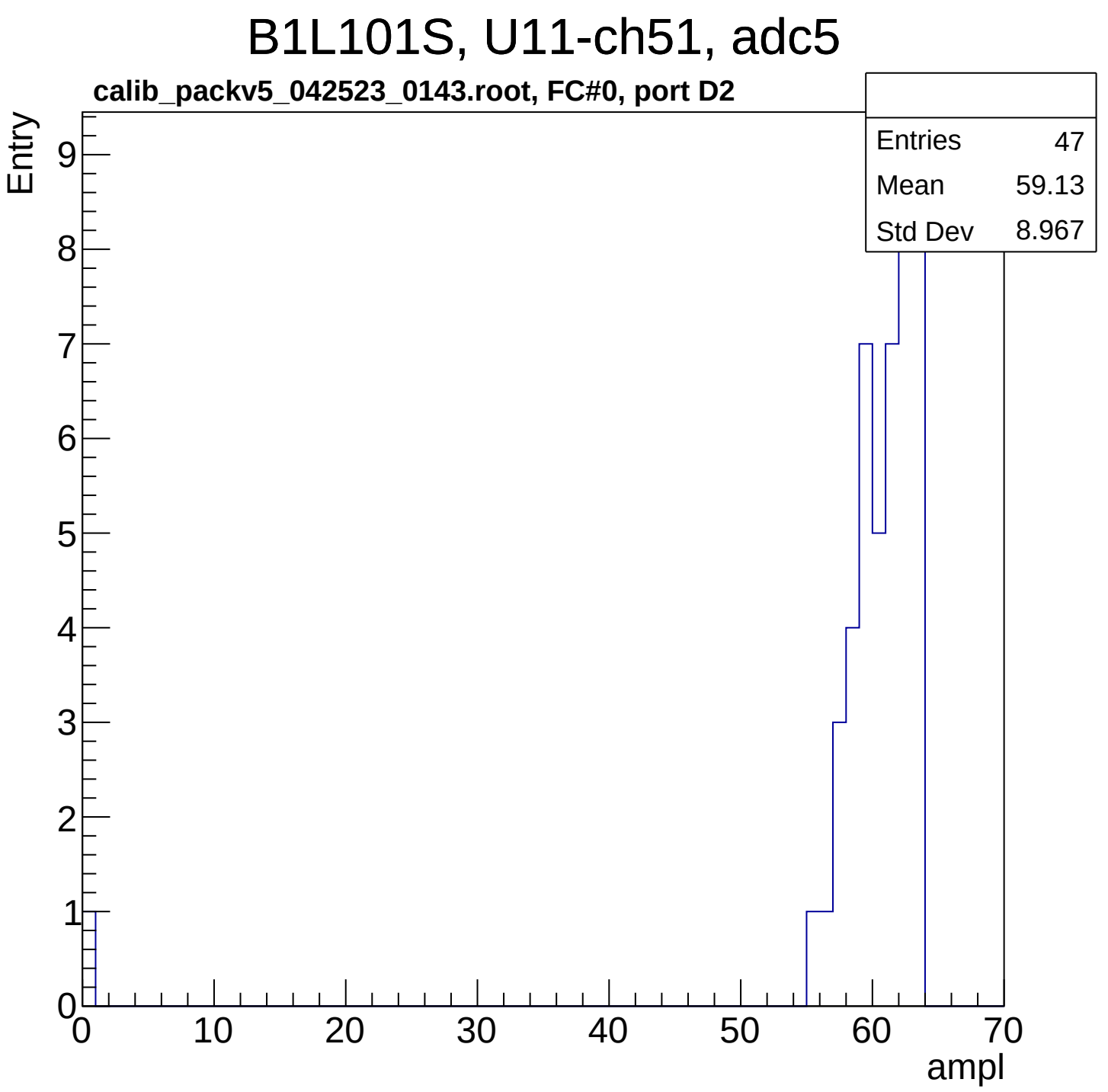
B1L101S, U11-ch51, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 47
Mean 59.13
Std Dev 8.967
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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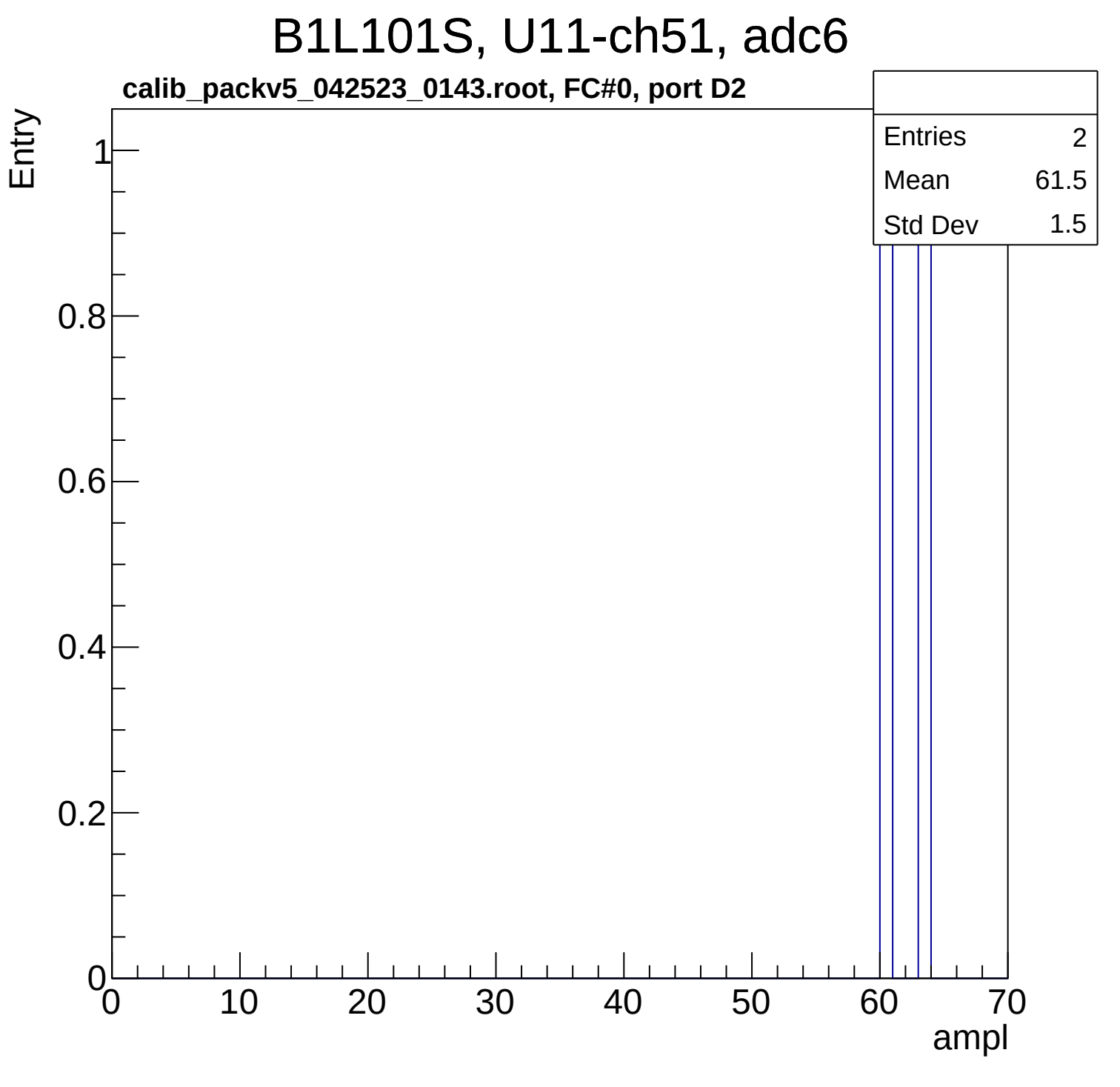
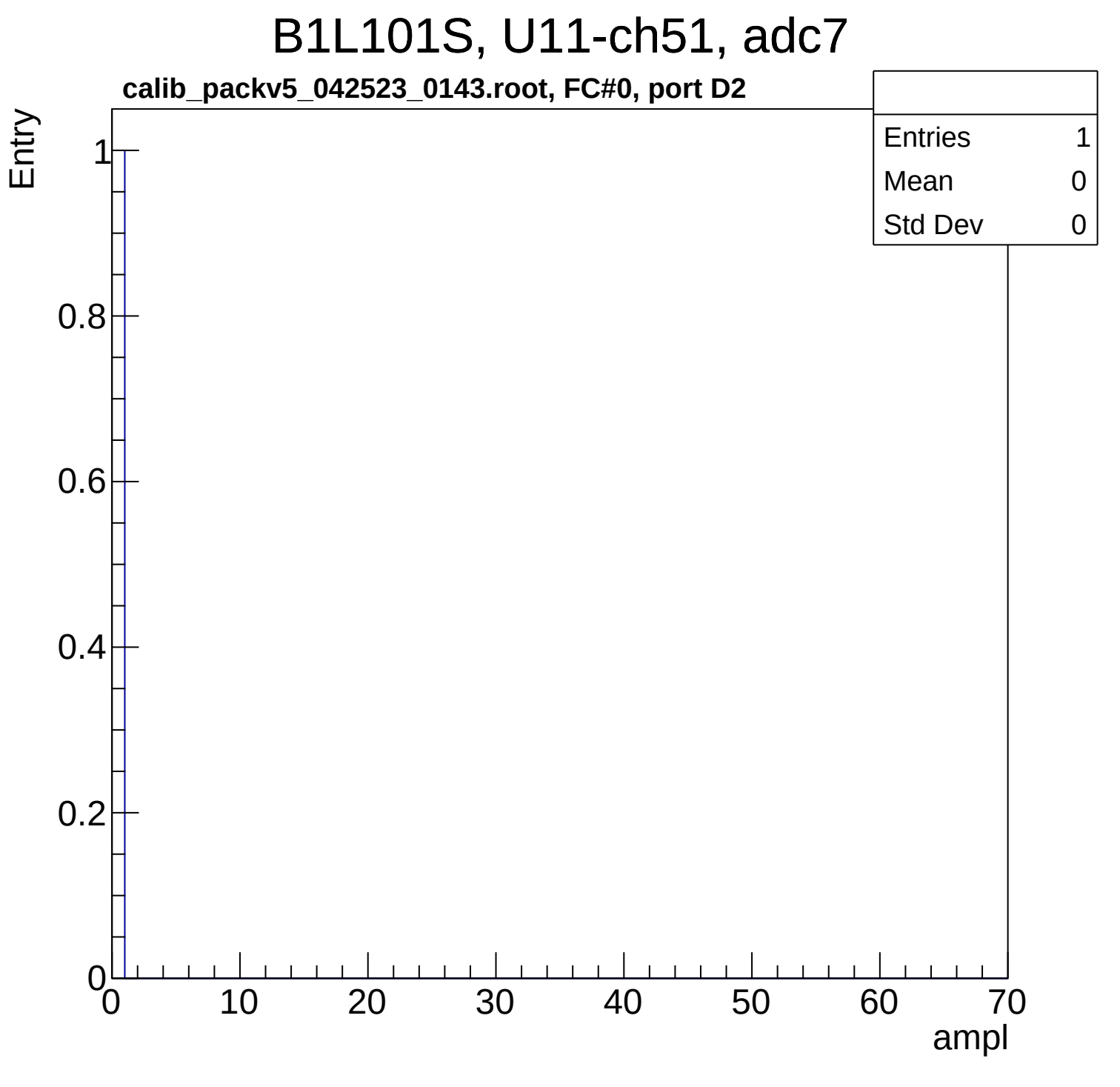

B1L101S, U11-ch51, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 61.5
Std Dev 1.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch51, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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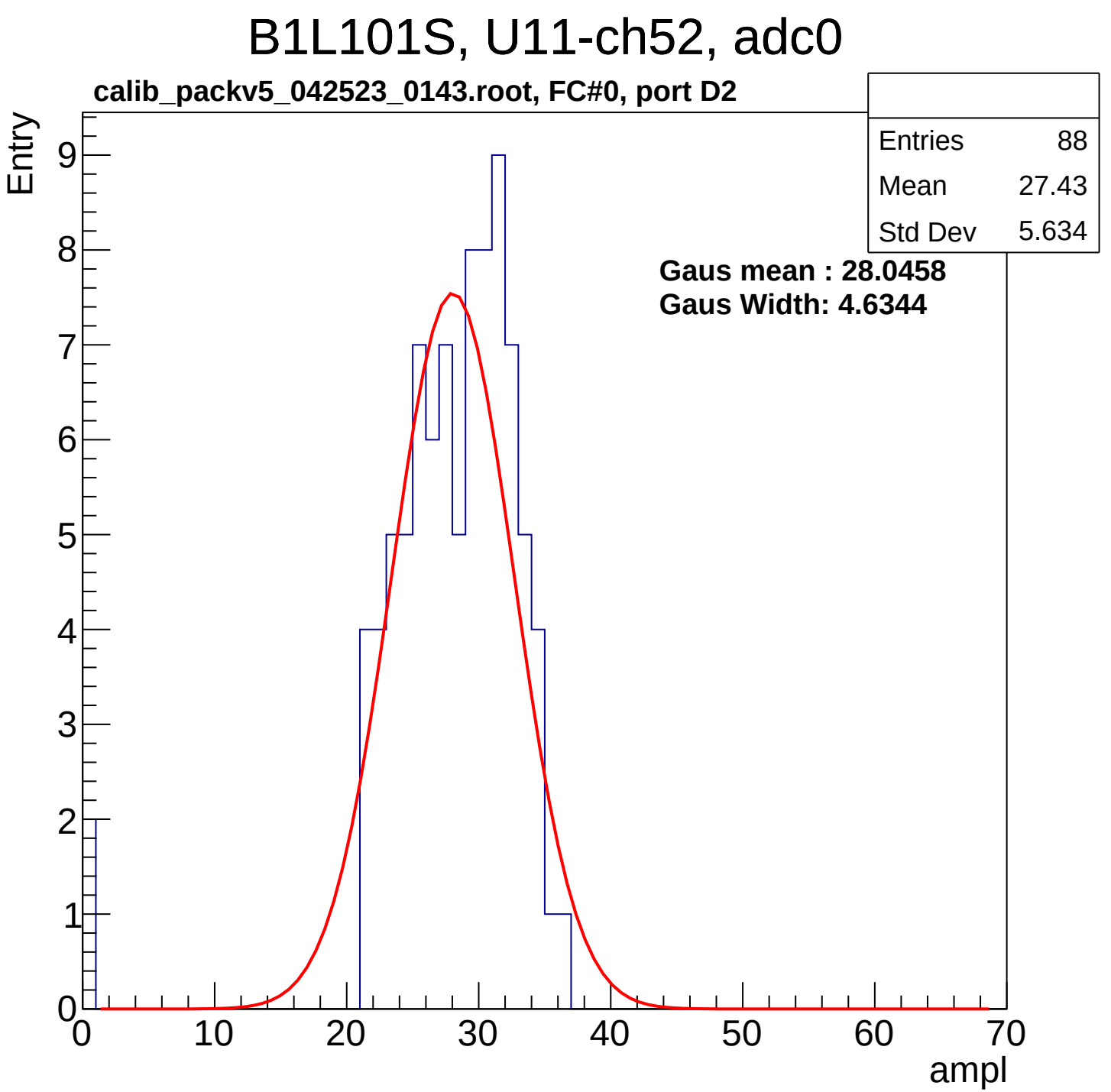
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch52, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 88
Mean 27.43
Std Dev 5.634
Gaus mean : 28.0458
Gaus Width: 4.6344
Entry
ampl
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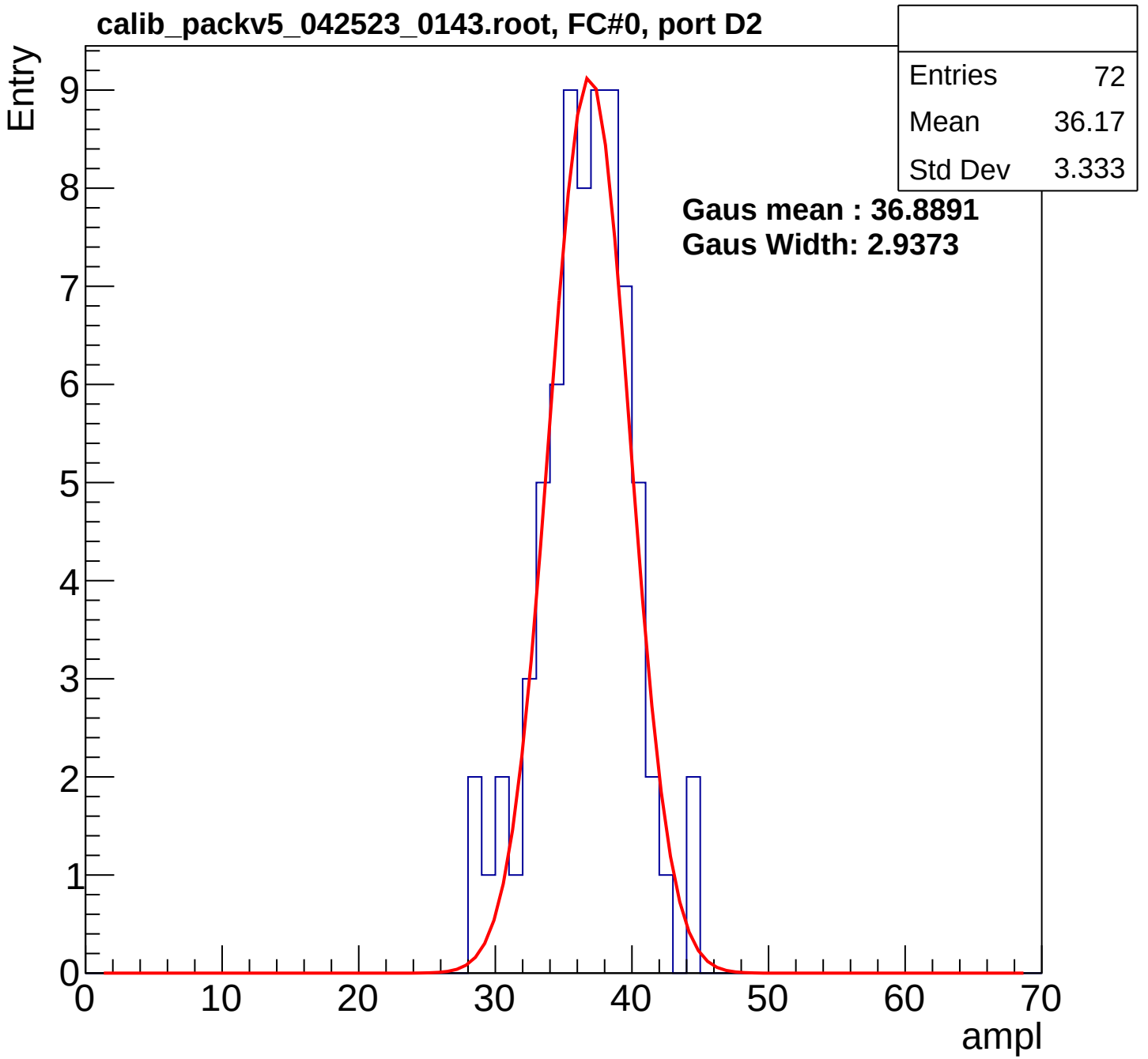
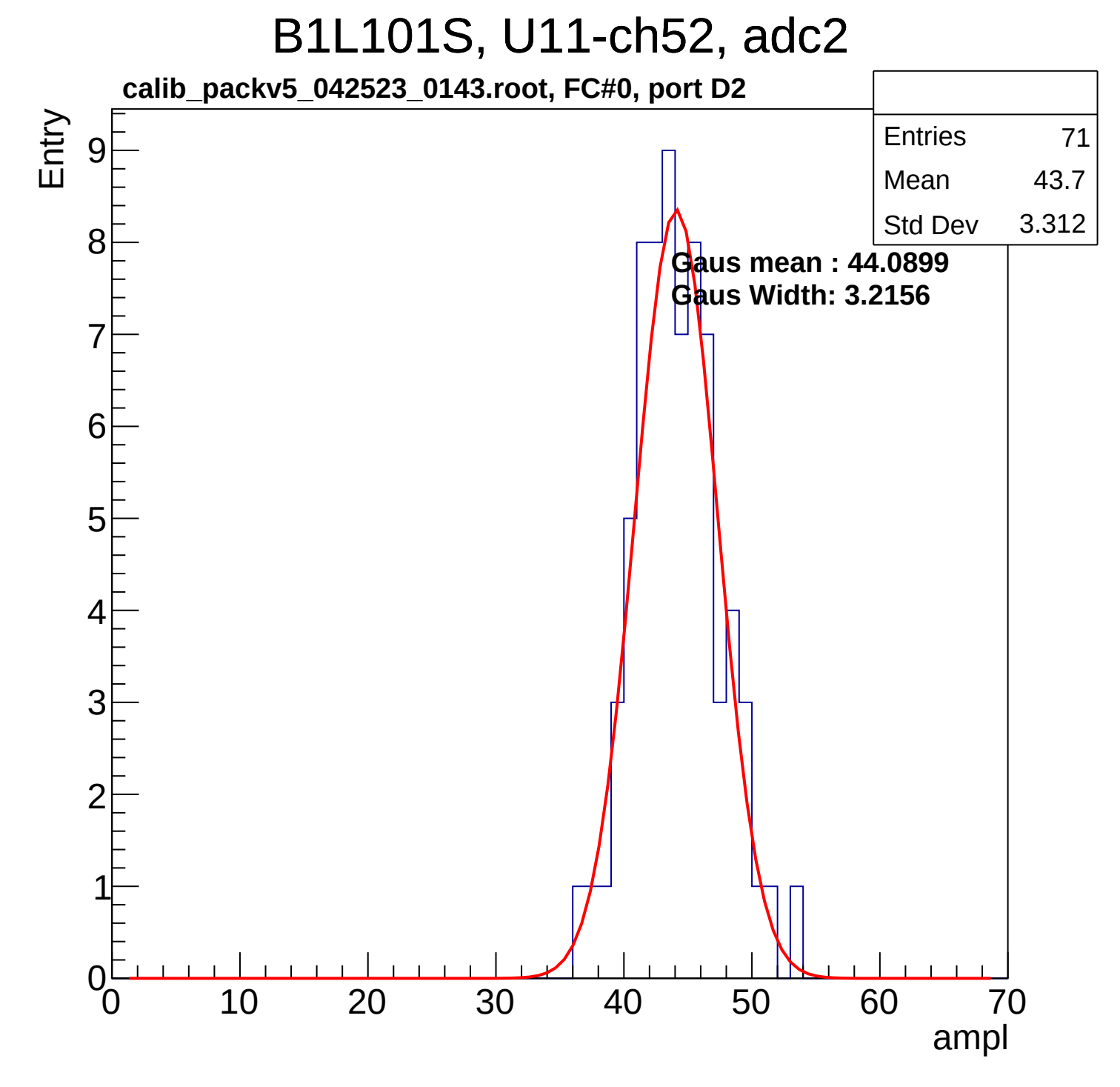
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch52, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 36.17
Std Dev 3.333
Gaus mean : 36.8891
Gaus Width: 2.9373
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch52, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 43.7
Std Dev 3.312
Gaus mean : 44.0899
Gaus Width: 3.2156
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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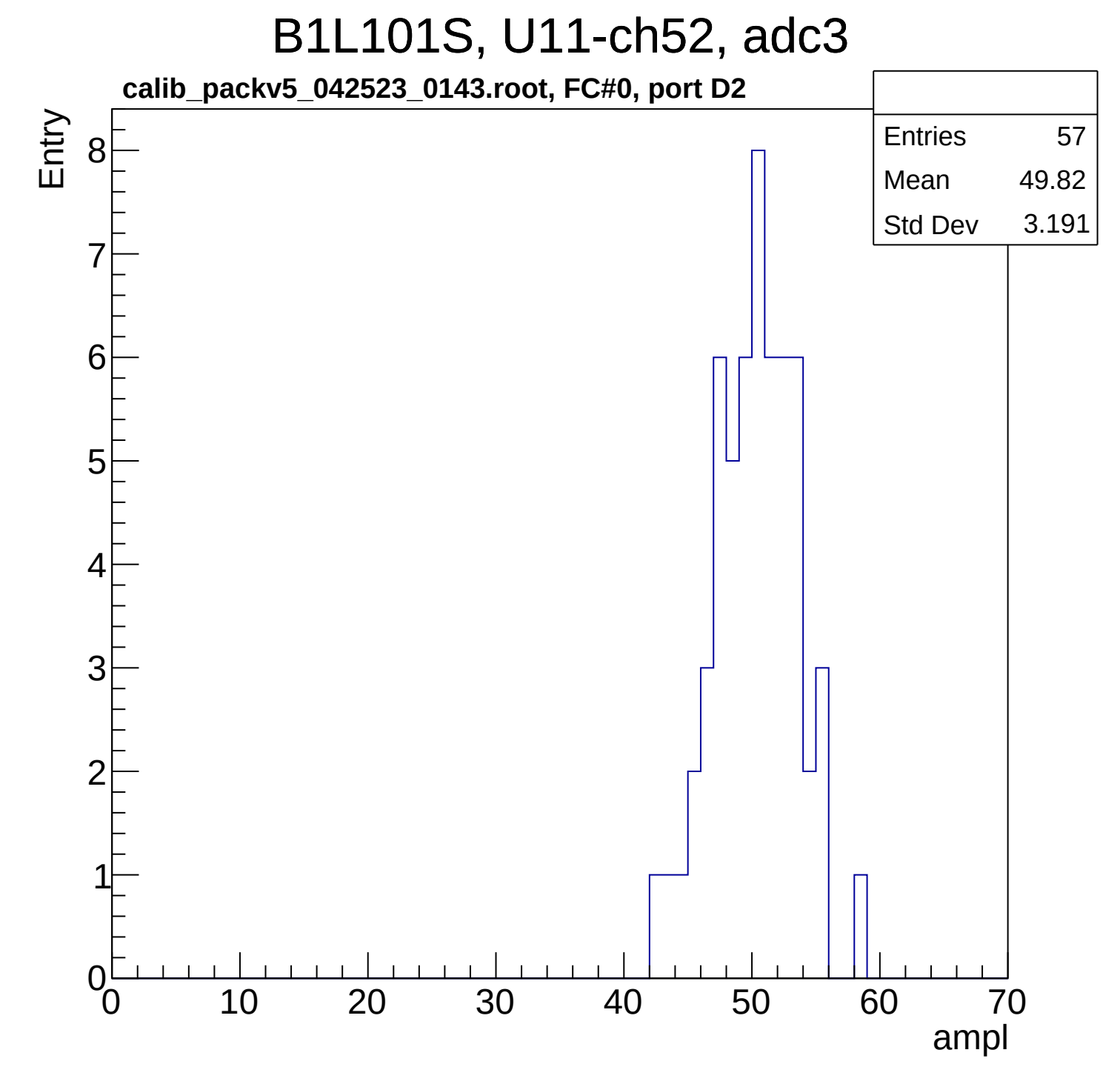
B1L101S, U11-ch52, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 49.82
Std Dev 3.191
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
50
60
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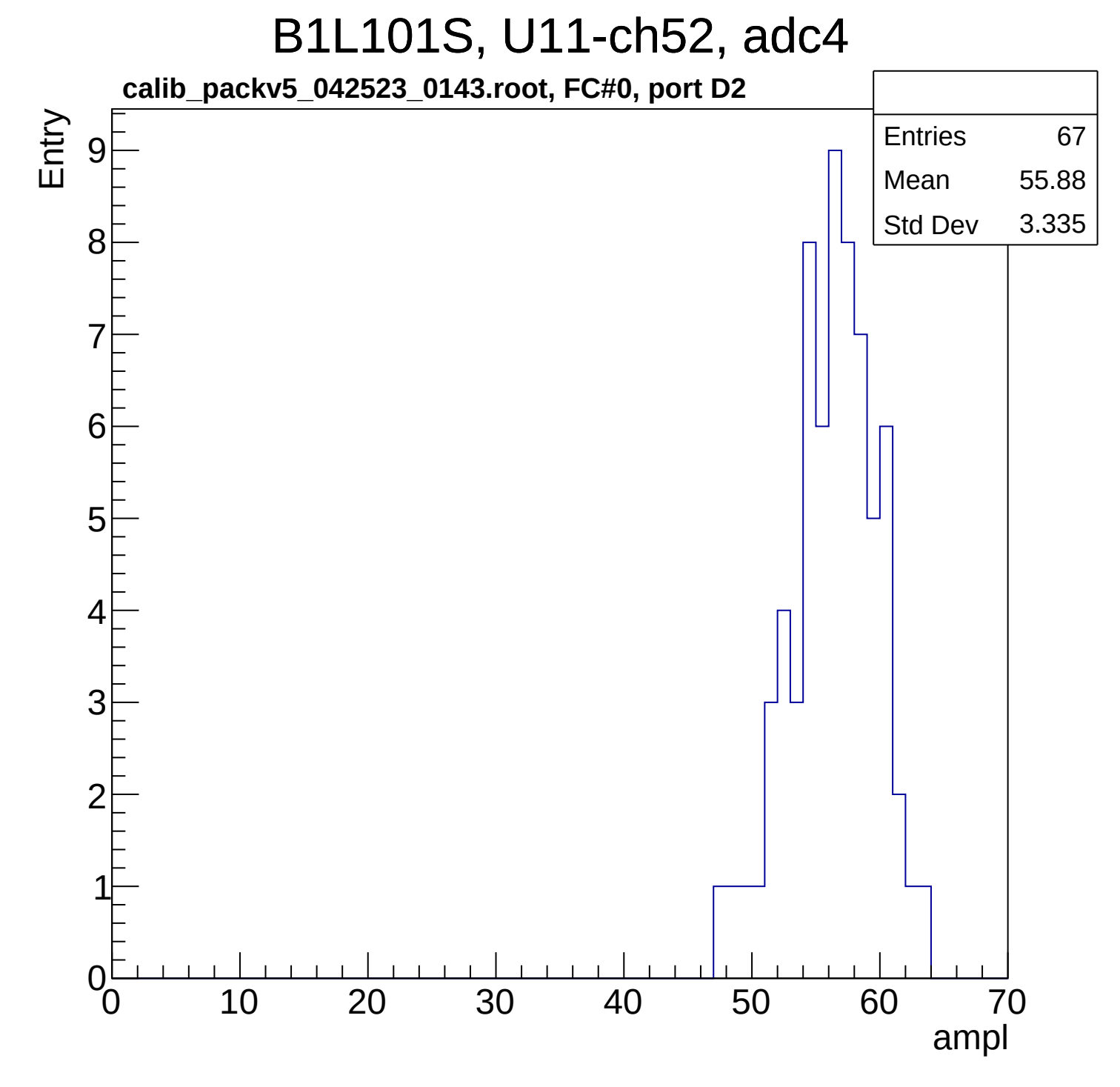
B1L101S, U11-ch52, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 55.88
Std Dev 3.335
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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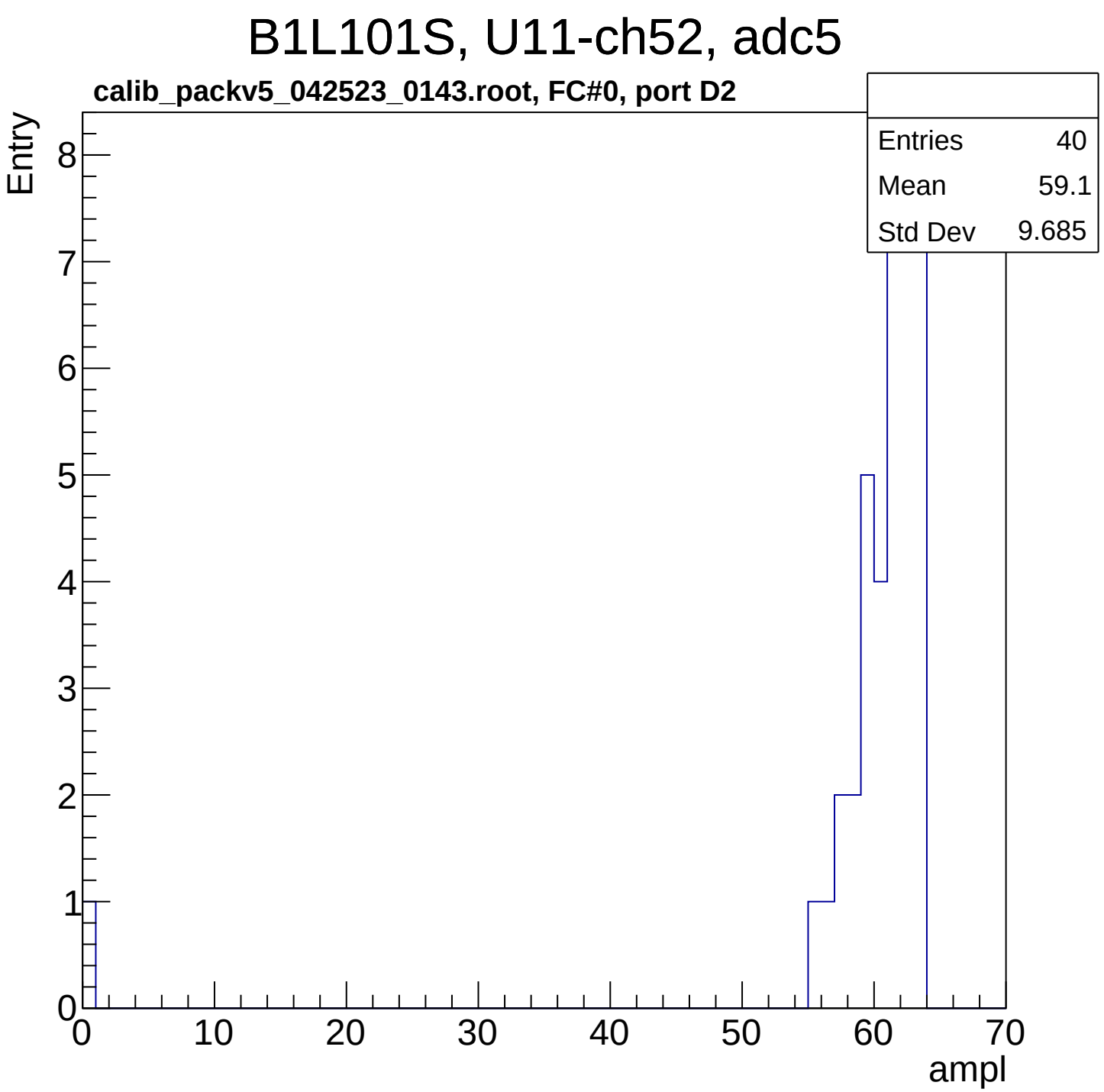
B1L101S, U11-ch52, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 40
Mean 59.1
Std Dev 9.685
Entry
ampl
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1
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5
6
7
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0
10
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30
40
50
60
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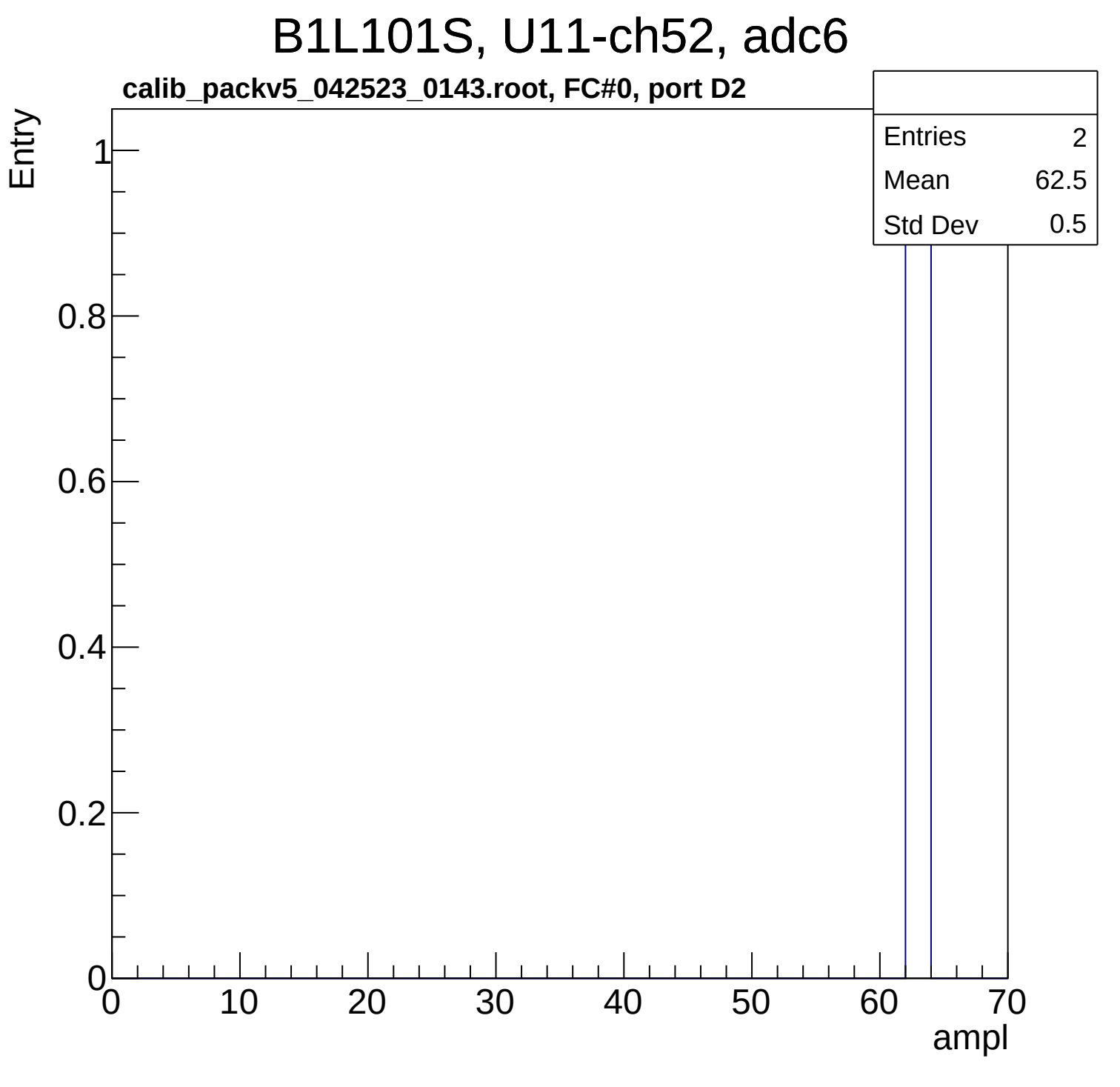
B1L101S, U11-ch52, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
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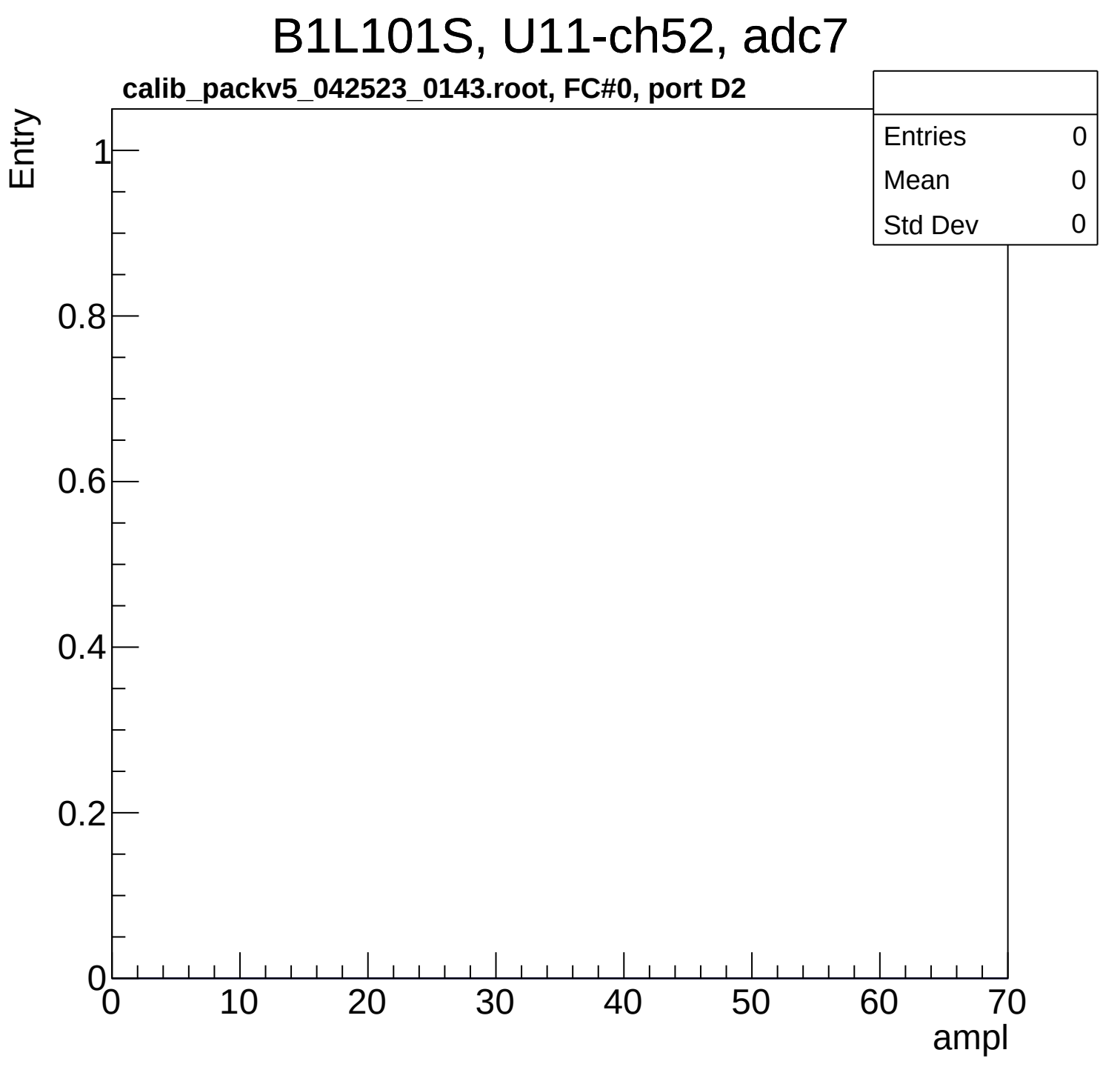
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch52, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
0
0
10
20
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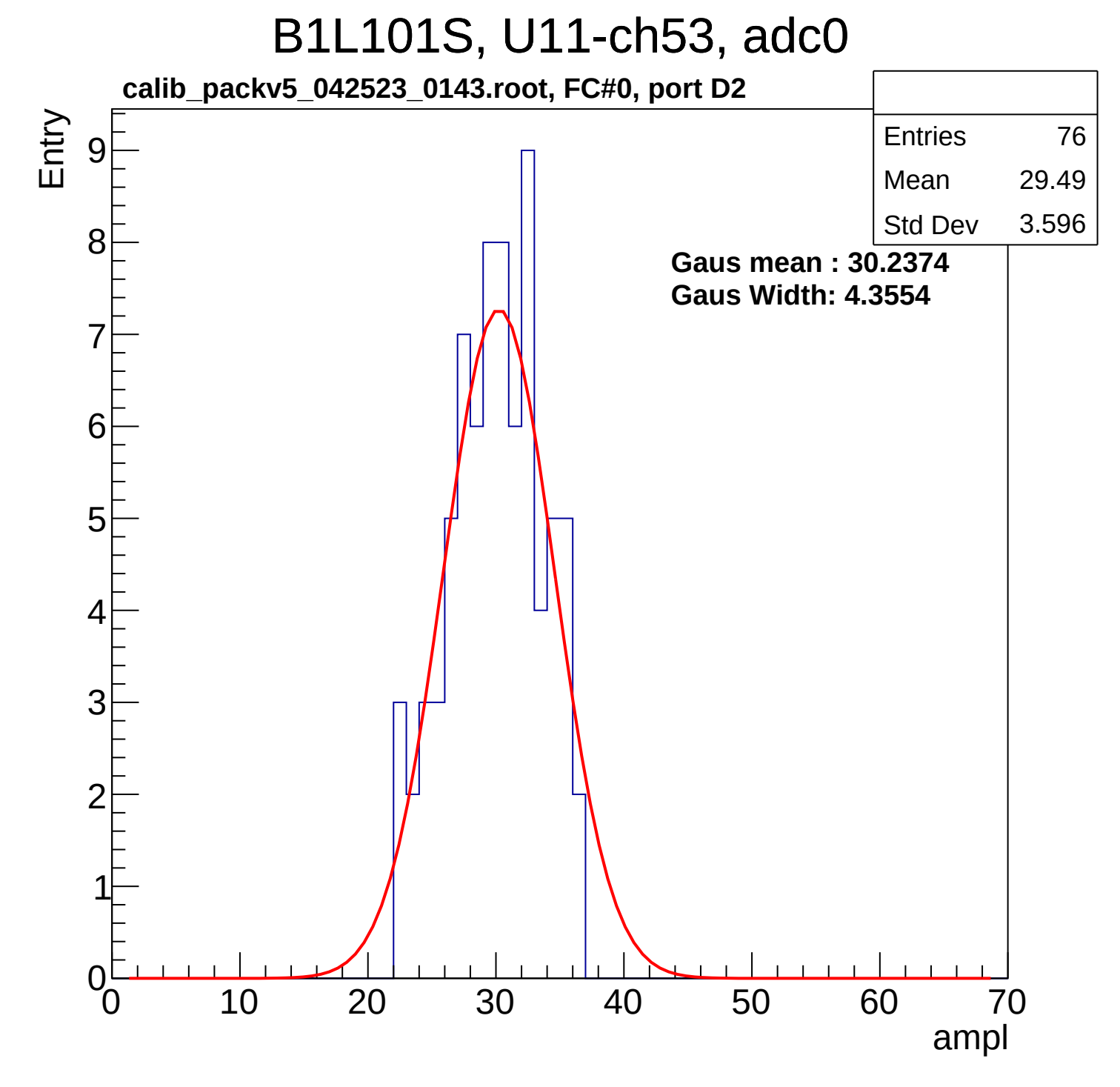
40
50
60
70
ampl


B1L101S, U11-ch53, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 29.49
Std Dev 3.596
Gaus mean : 30.2374
Gaus Width: 4.3554
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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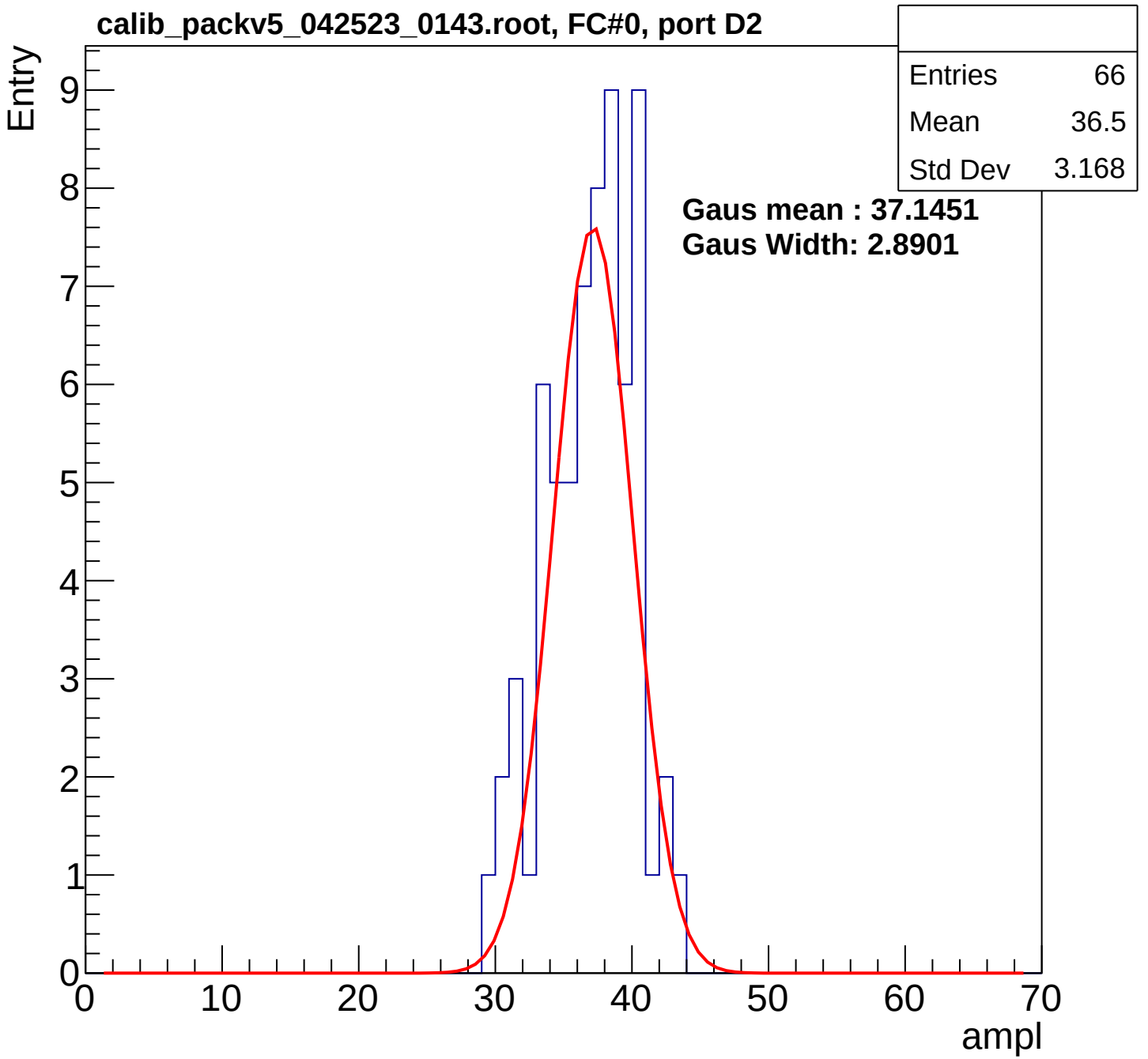
B1L101S, U11-ch53, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 36.5
Std Dev 3.168
Gaus mean : 37.1451
Gaus Width: 2.8901
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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20
30
40
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60
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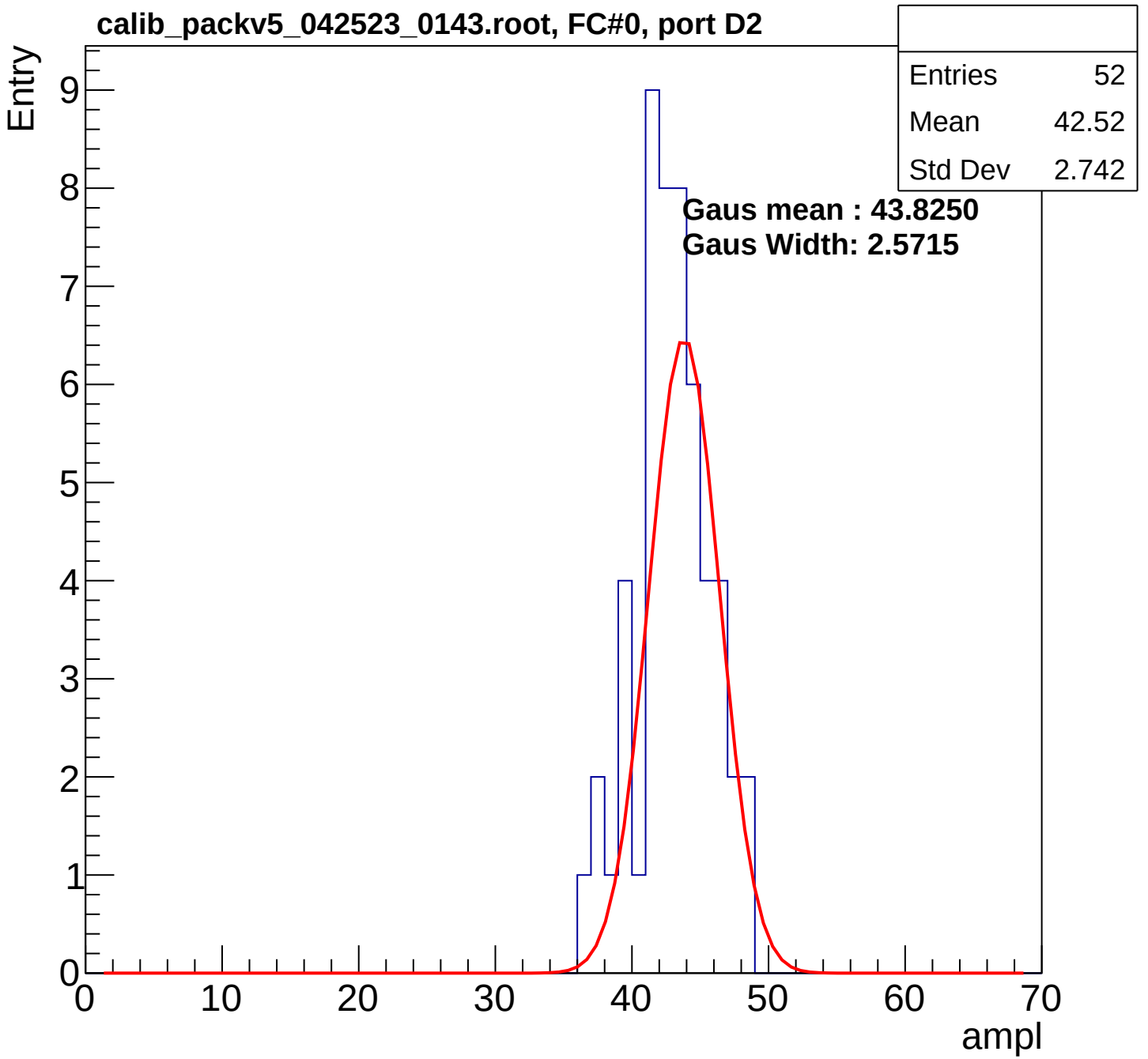
B1L101S, U11-ch53, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 42.52
Std Dev 2.742
Gaus mean : 43.8250
Gaus Width: 2.5715
Entry
ampl
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2
3
4
5
6
7
8
9
0
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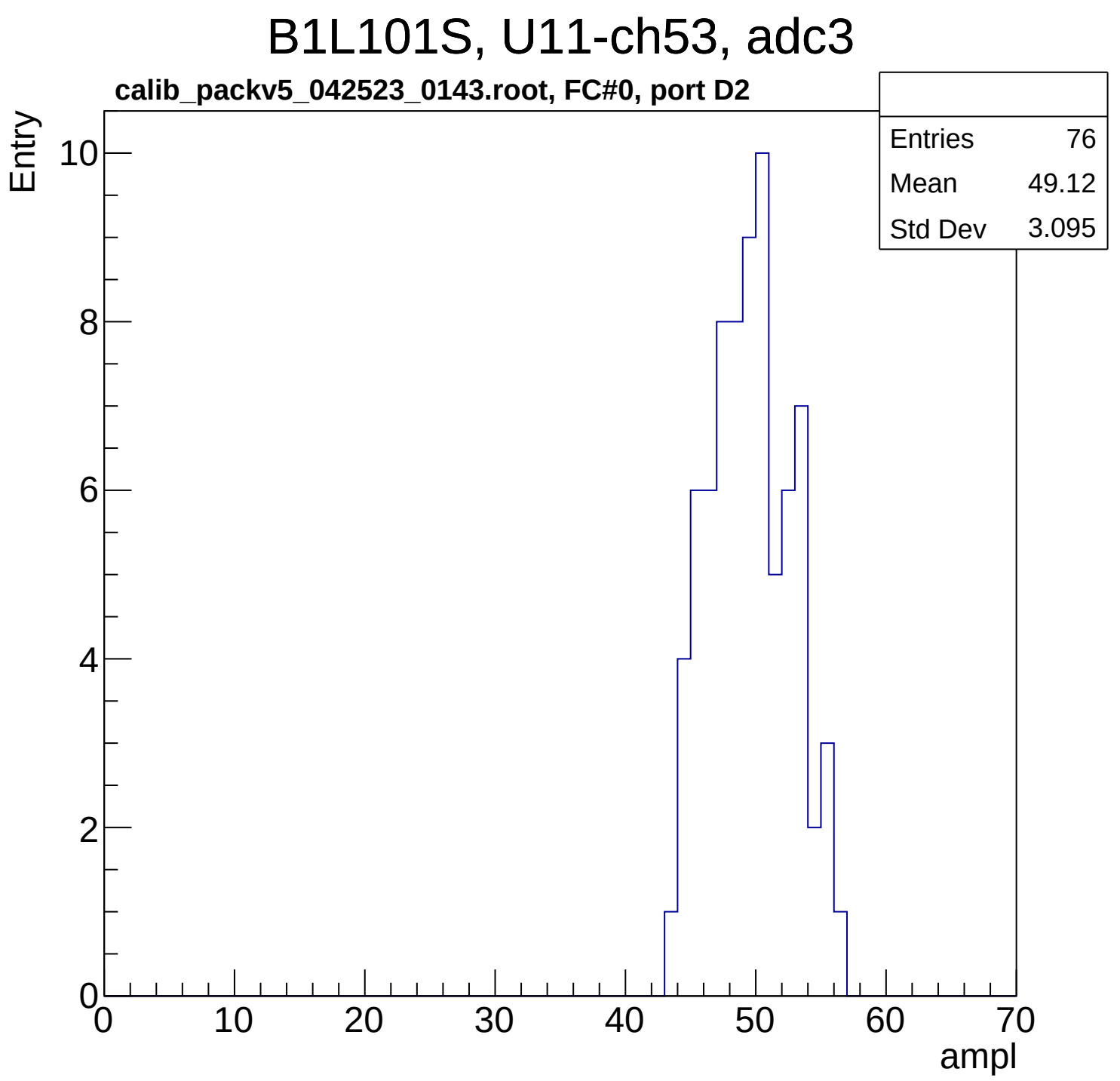
B1L101S, U11-ch53, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 49.12
Std Dev 3.095
Entry
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4
6
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10
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10
20
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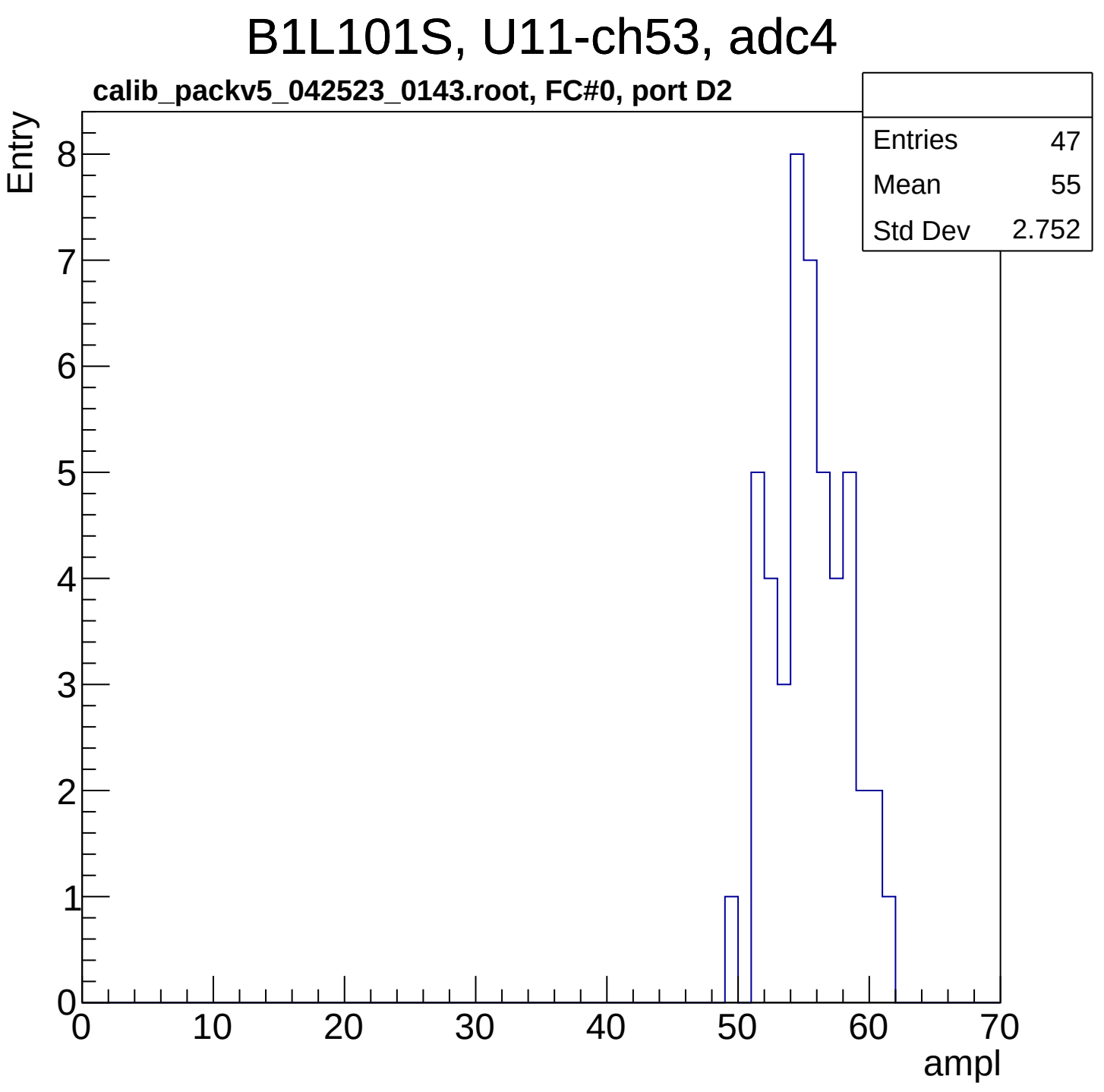
50
60
70
ampl


B1L101S, U11-ch53, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 47
Mean 55
Std Dev 2.752
Entry
ampl
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1
2
3
4
5
6
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20
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50
60
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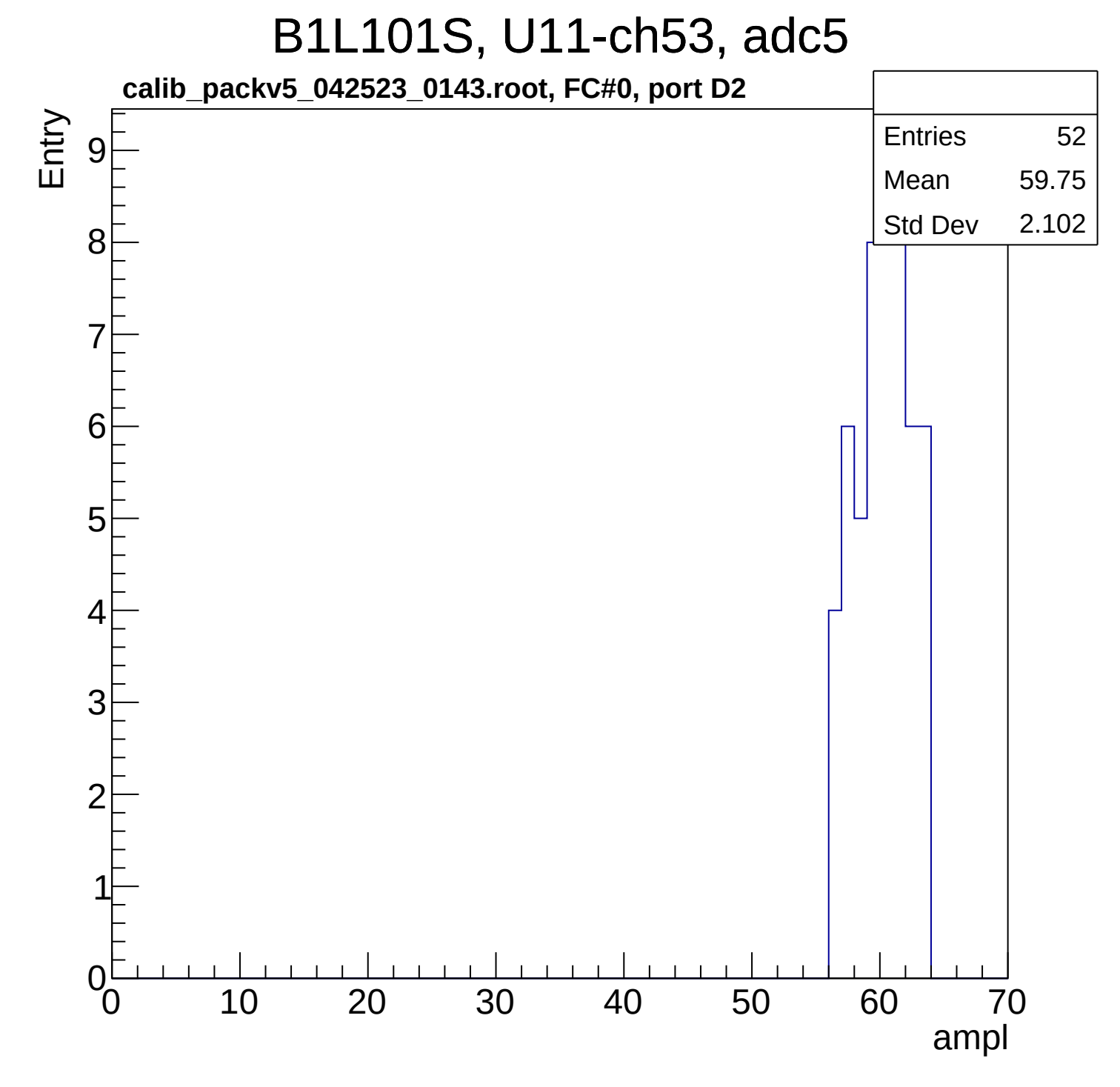
B1L101S, U11-ch53, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 59.75
Std Dev 2.102
Entry
ampl
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2
3
4
5
6
7
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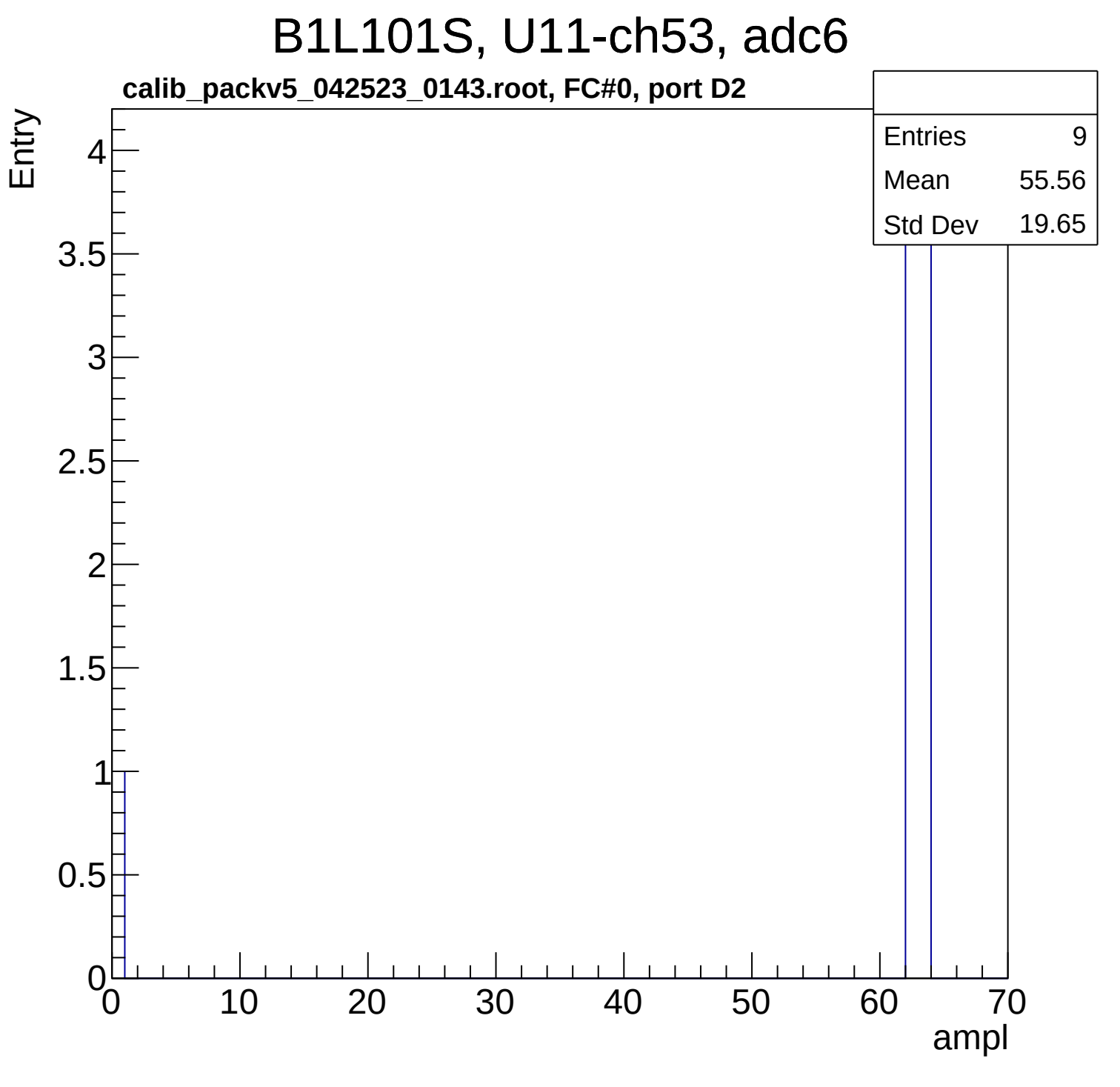
B1L101S, U11-ch53, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 9
Mean 55.56
Std Dev 19.65
Entry
ampl
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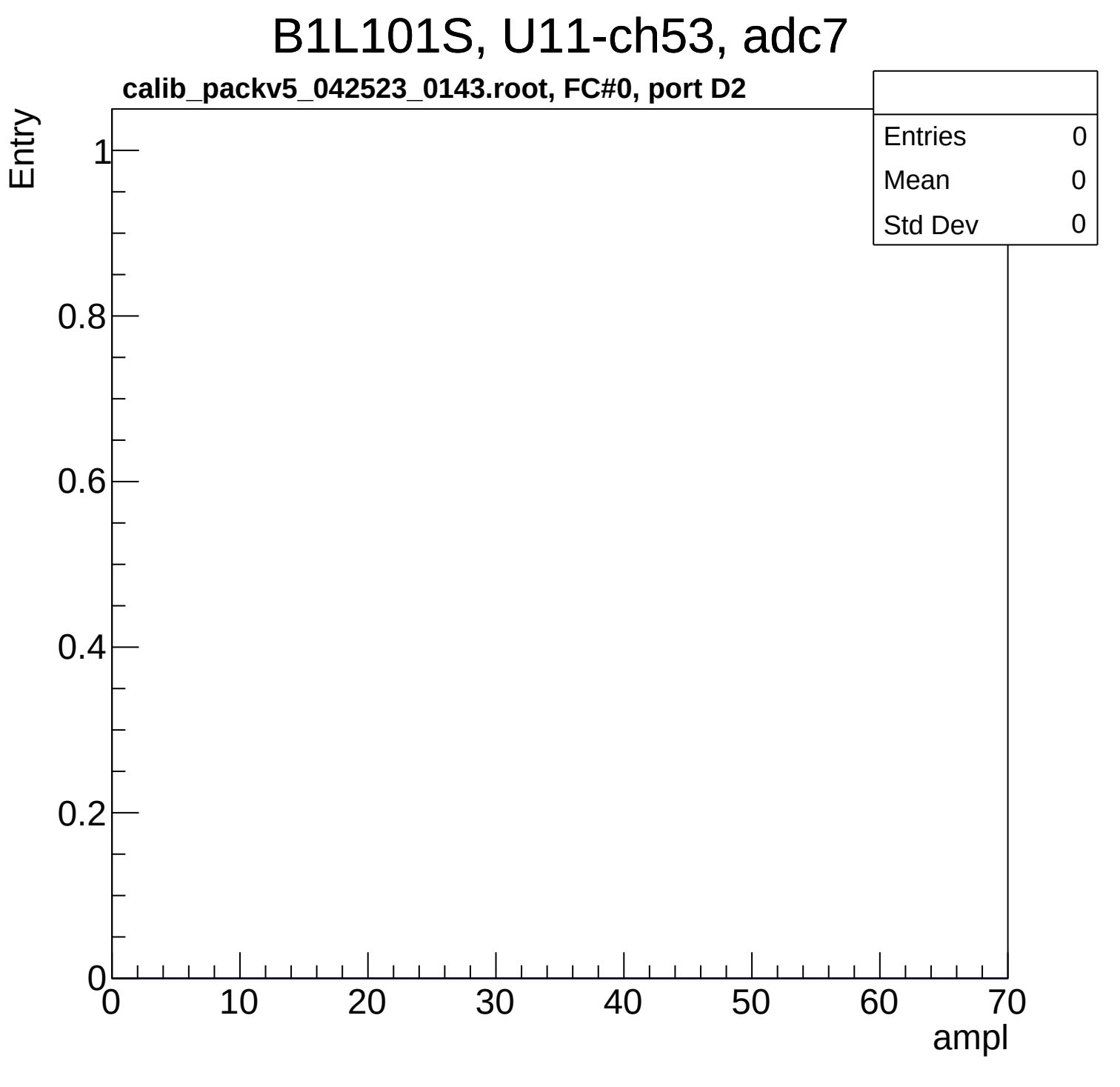
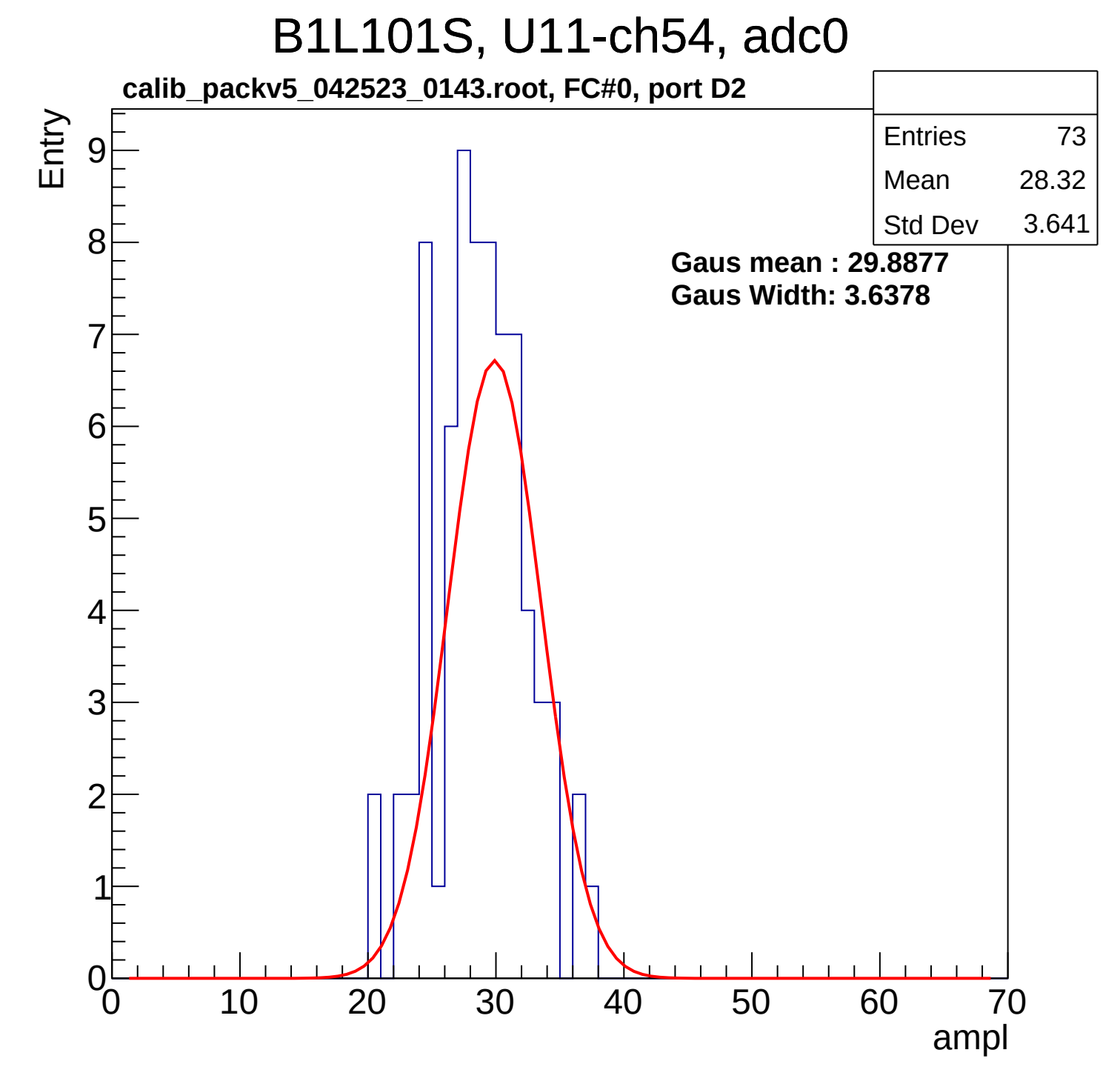
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L101S, U11-ch53, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch54, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 28.32
Std Dev 3.641
Gaus mean : 29.8877
Gaus Width: 3.6378
Entry
ampl
0
1
2
3
4
5
6
7
8
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0
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40
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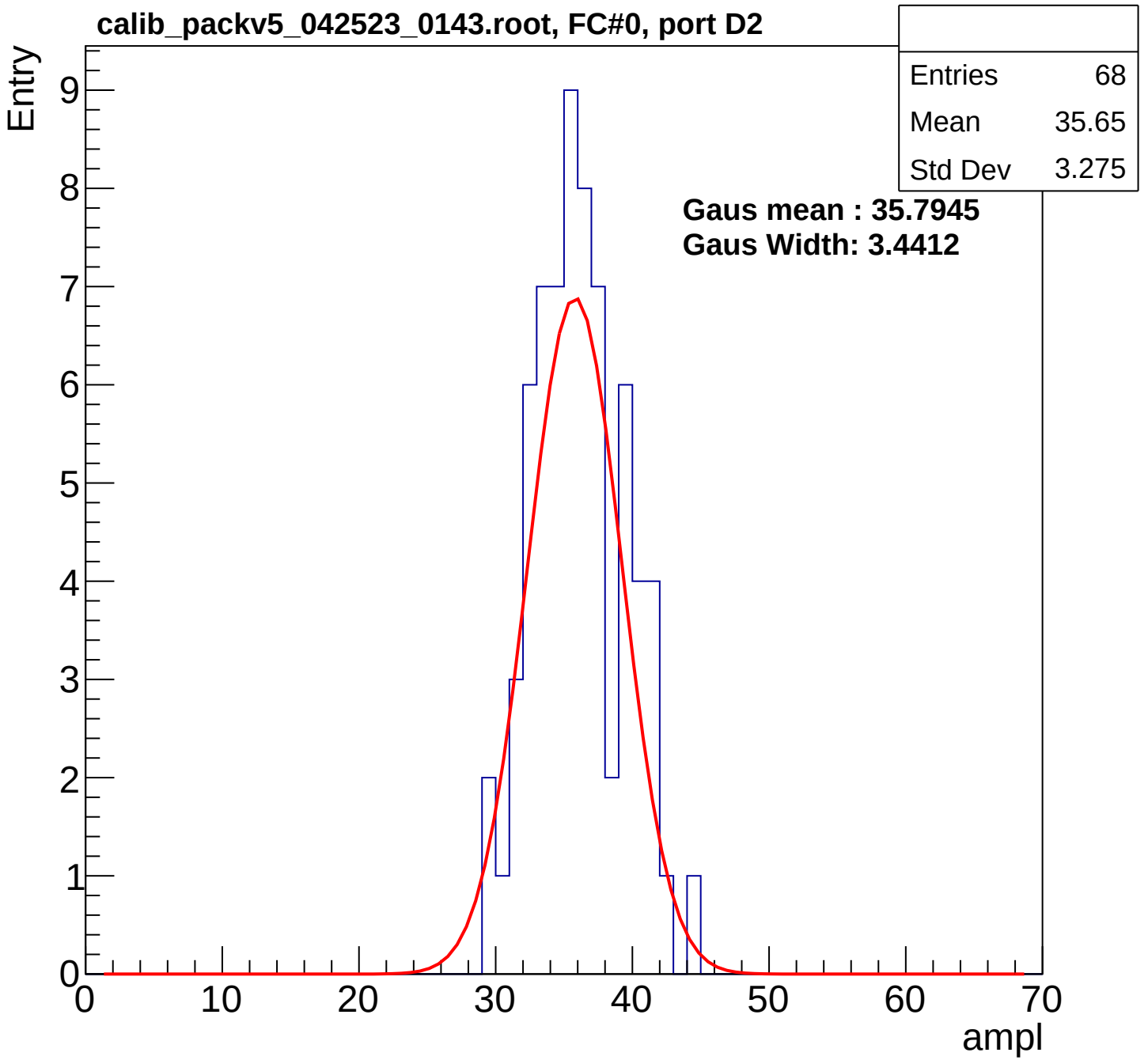
B1L101S, U11-ch54, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 35.65
Std Dev 3.275
Gaus mean : 35.7945
Gaus Width: 3.4412
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
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60
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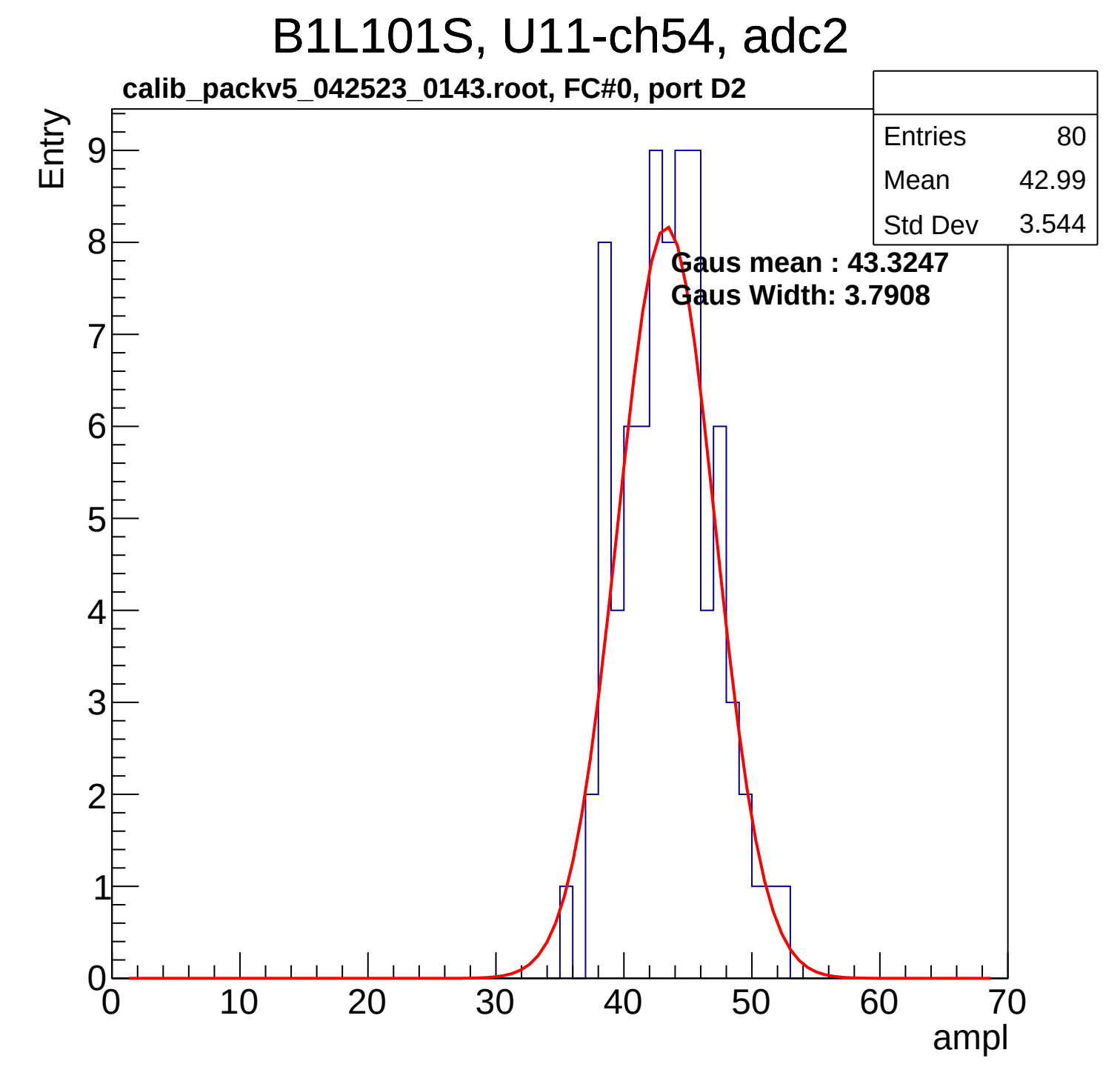
B1L101S, U11-ch54, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 80
Mean 42.99
Std Dev 3.544
Gaus mean : 43.3247
Gaus Width: 3.7908
Entry
ampl
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2
3
4
5
6
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0
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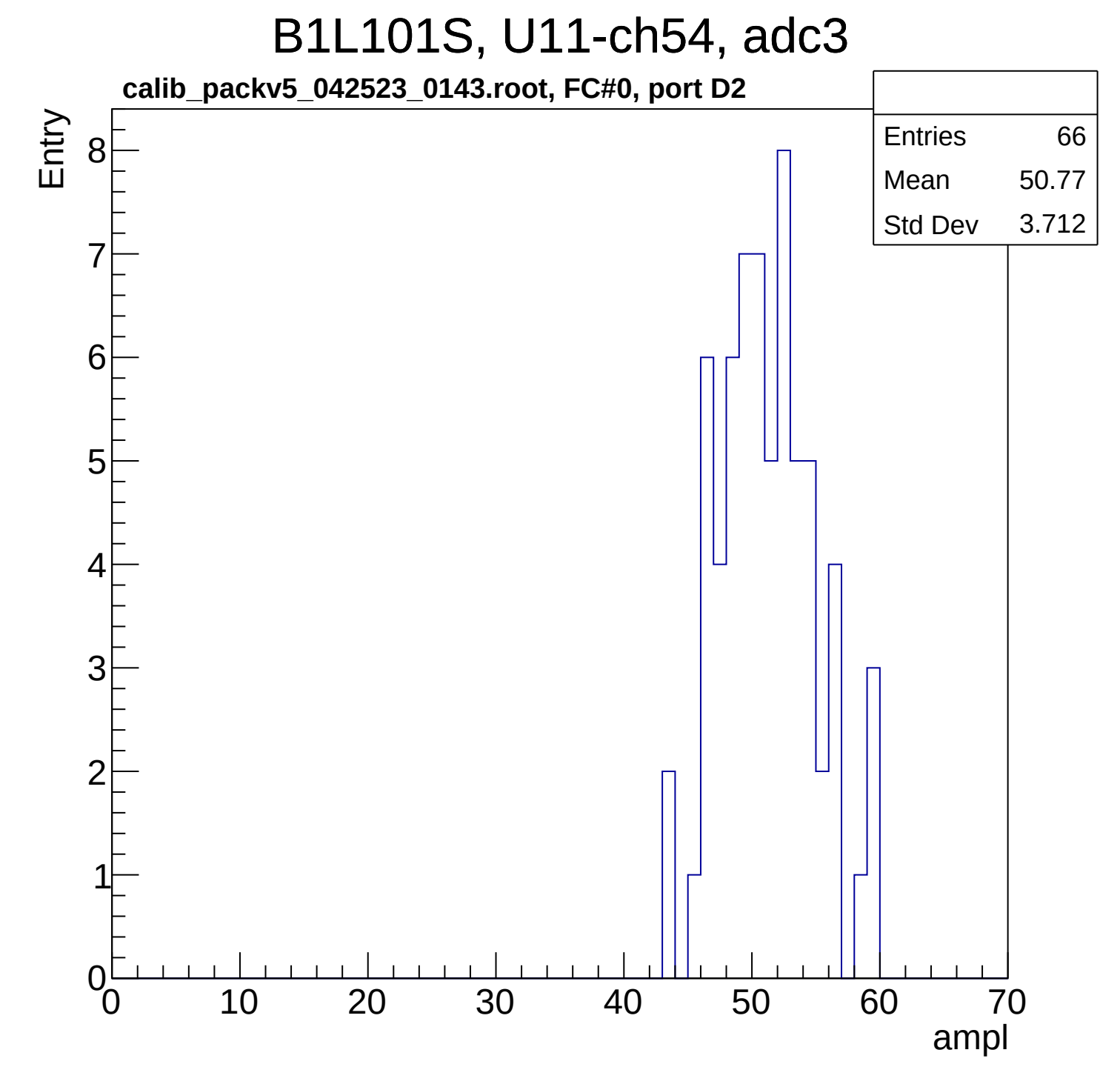
B1L101S, U11-ch54, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 50.77
Std Dev 3.712
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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20
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40
50
60
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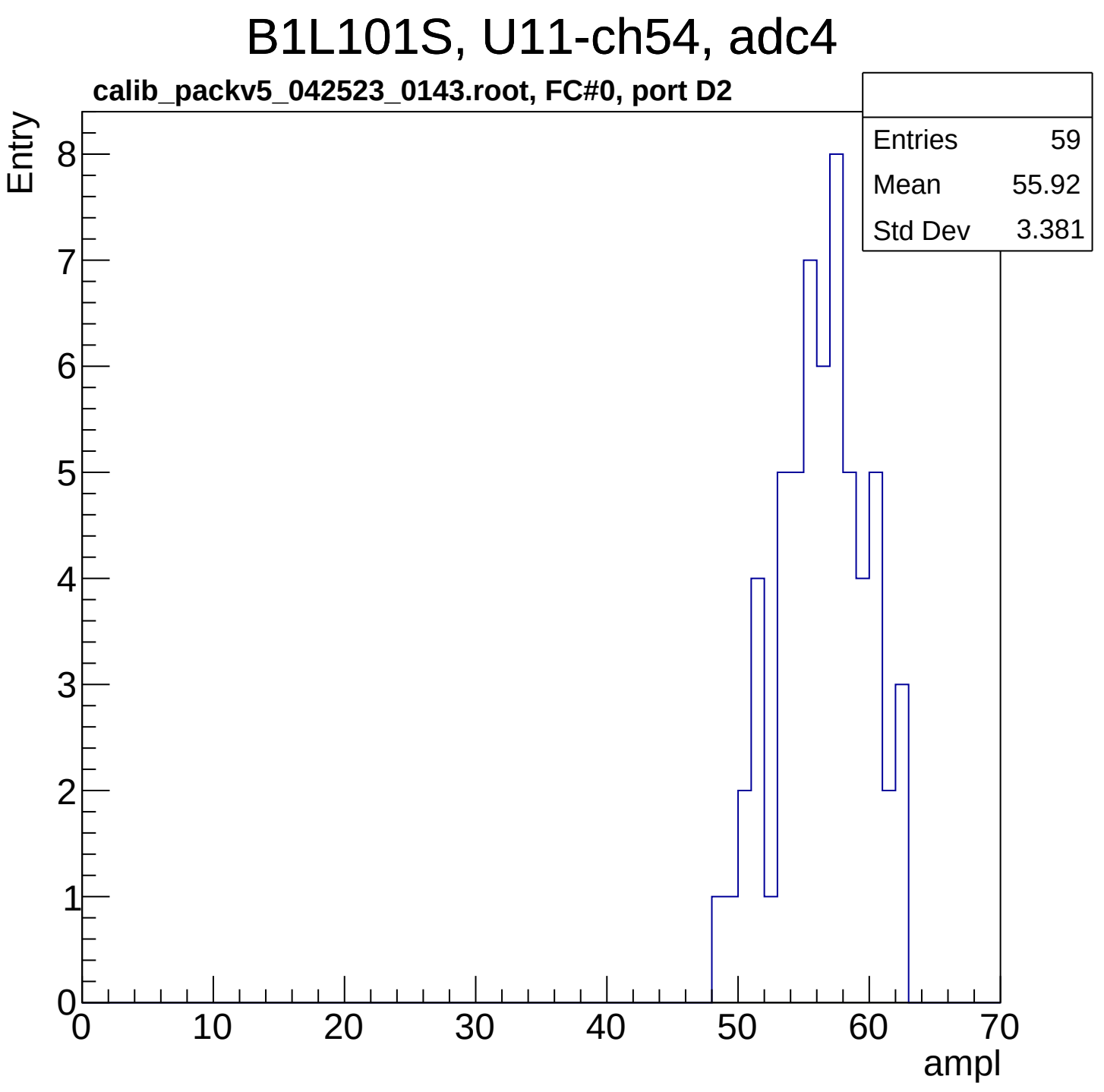
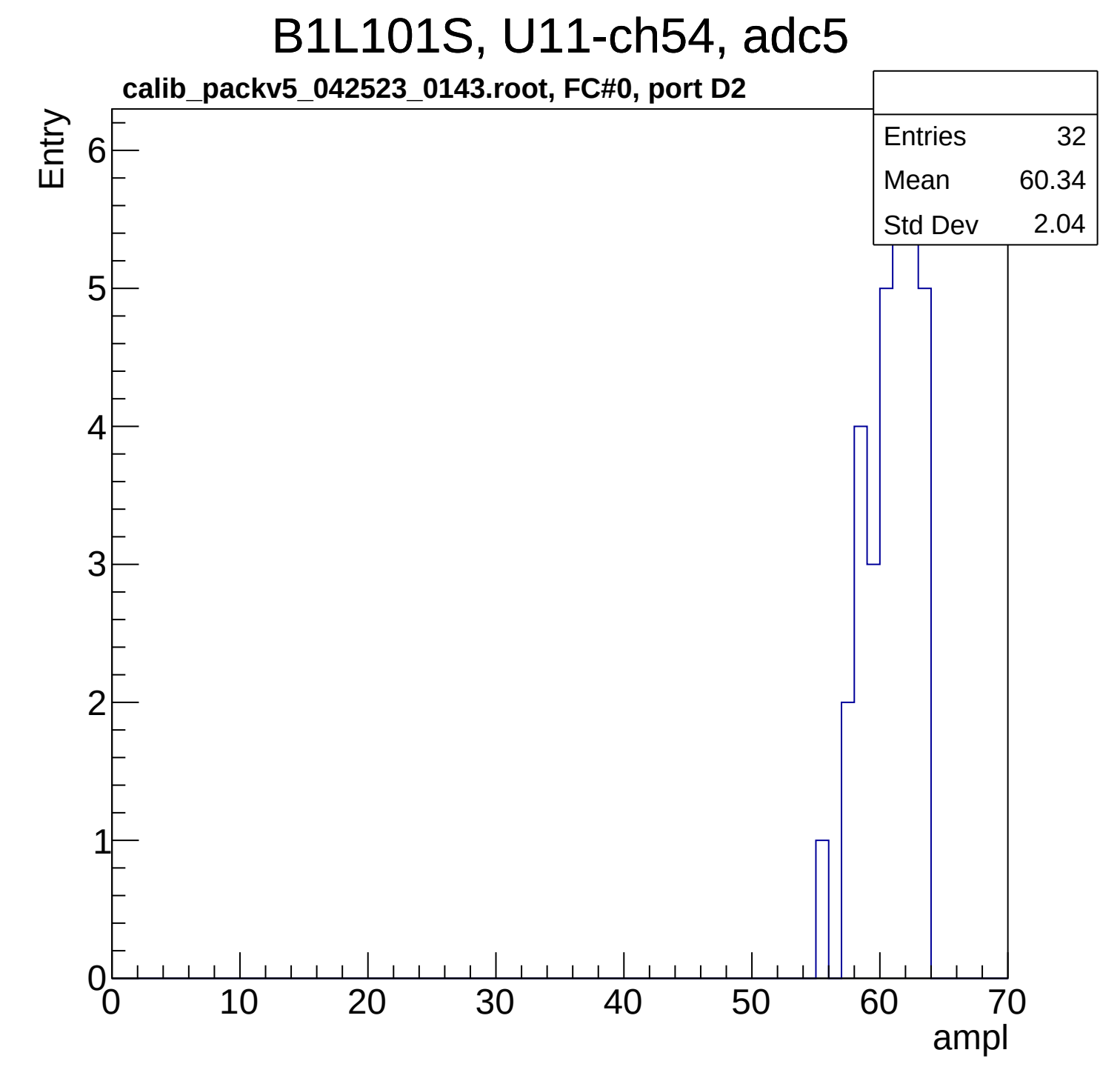

B1L101S, U11-ch54, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 55.92
Std Dev 3.381
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch54, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 32
Mean 60.34
Std Dev 2.04
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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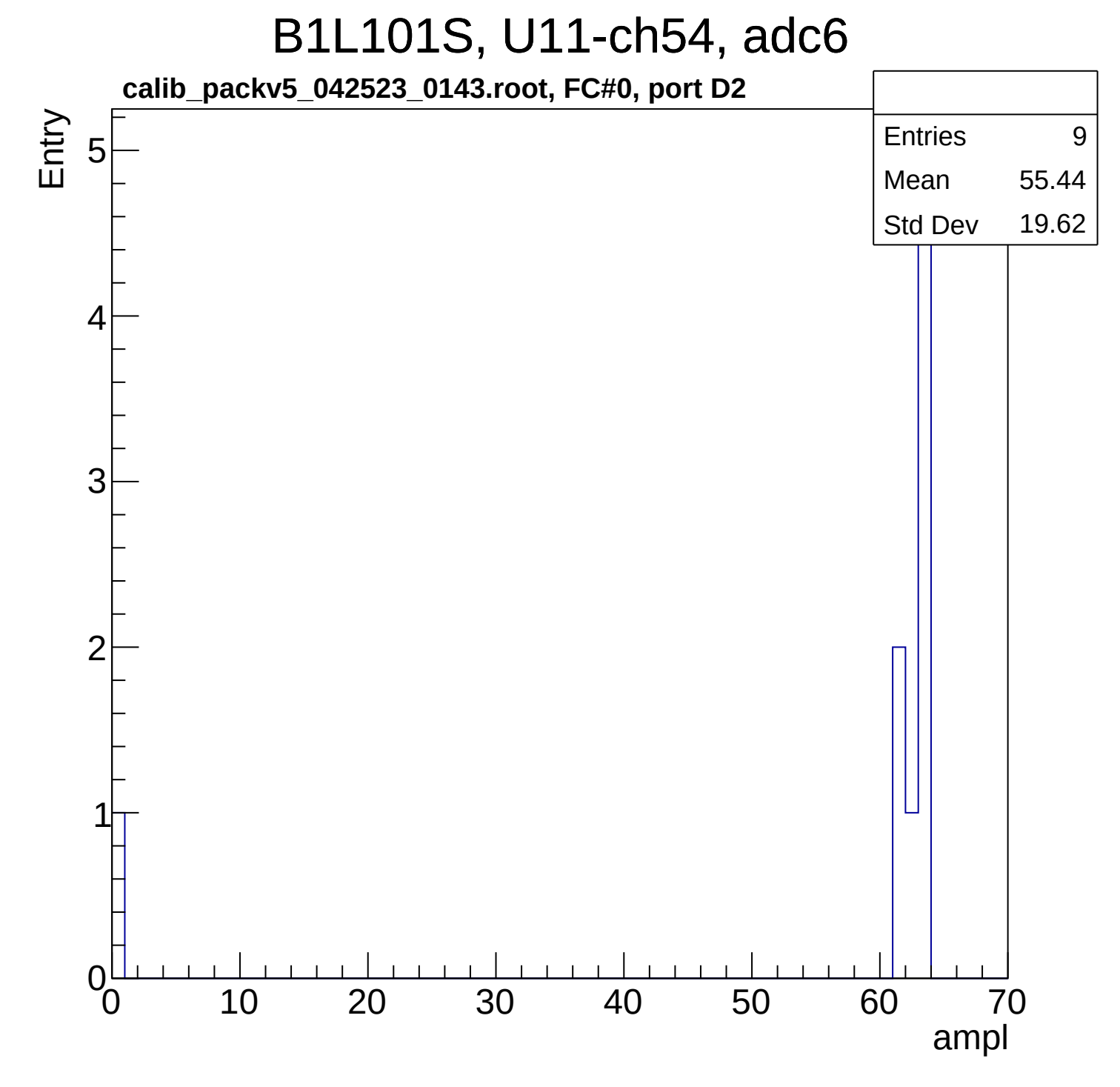
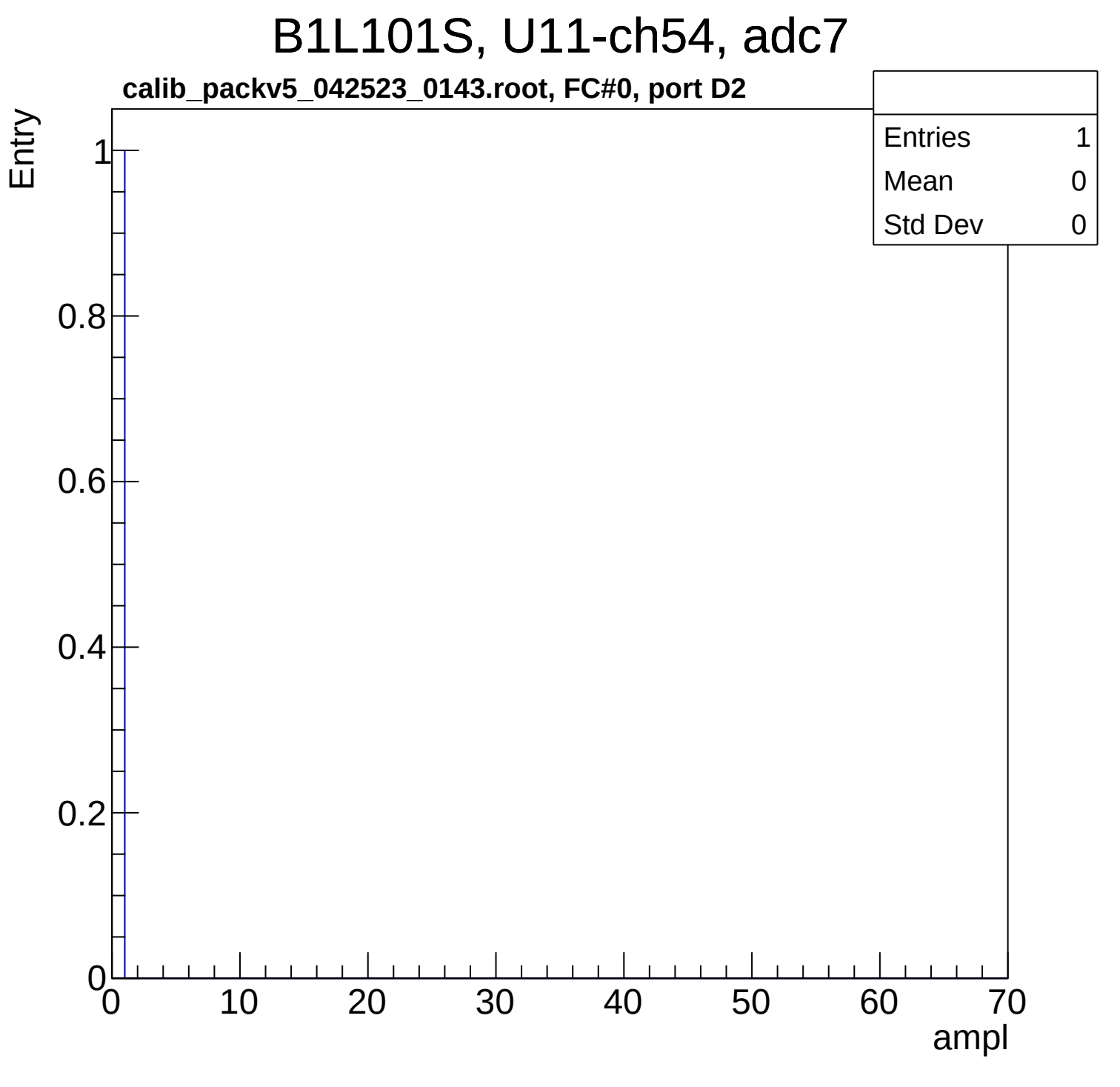

B1L101S, U11-ch54, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 9
Mean 55.44
Std Dev 19.62
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch54, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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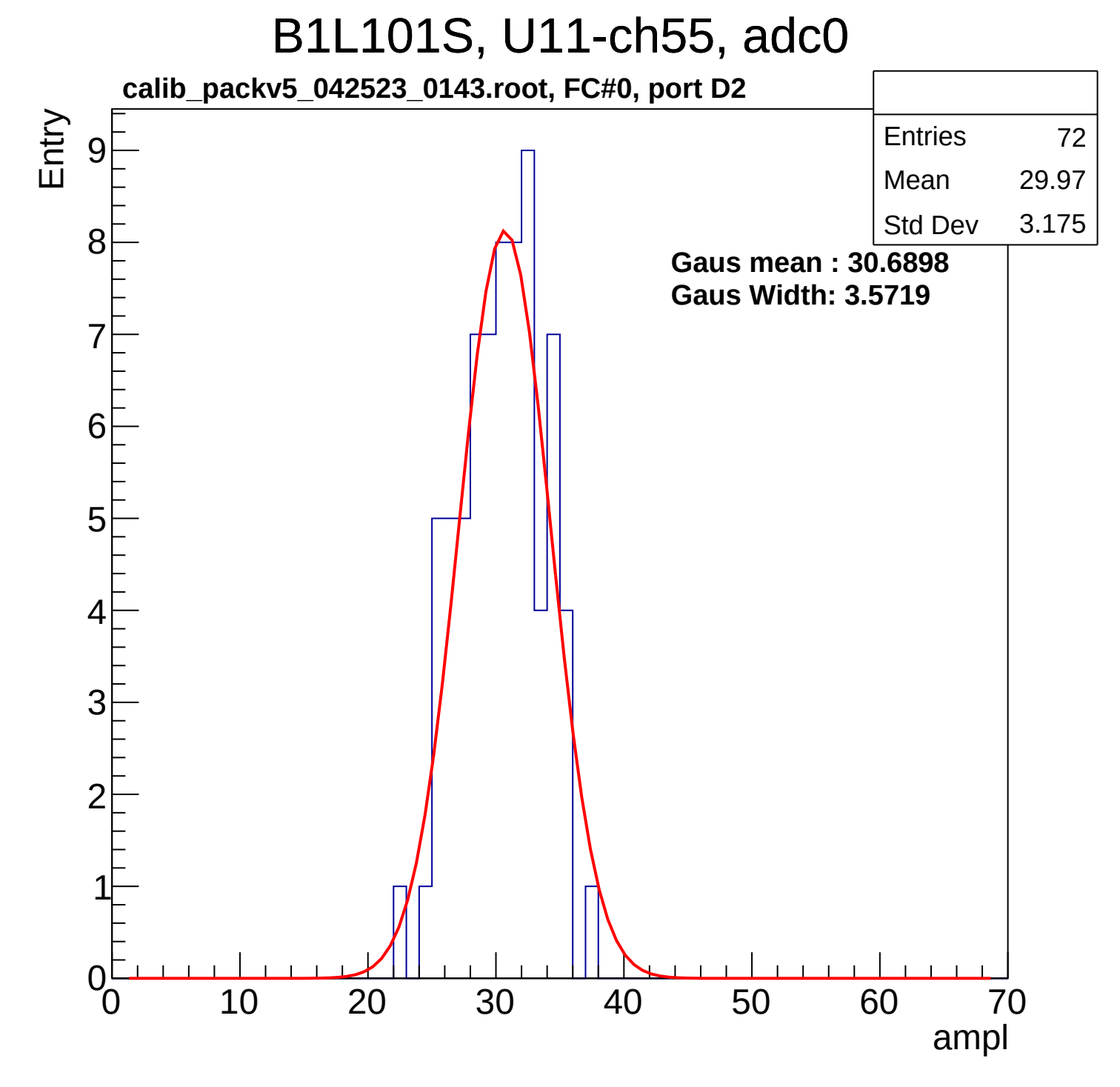
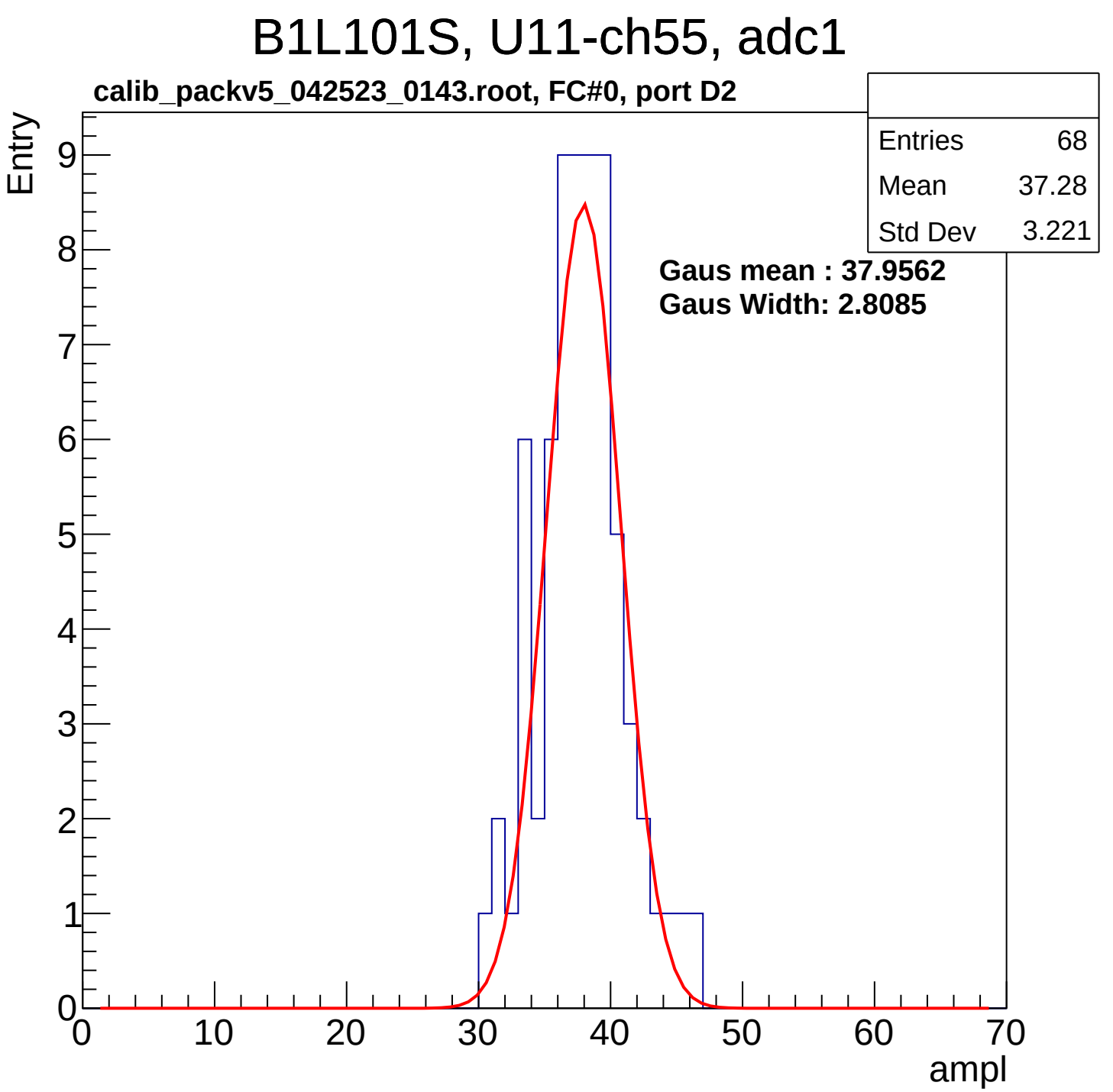
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch55, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 29.97
Std Dev 3.175
Gaus mean : 30.6898
Gaus Width: 3.5719
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch55, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 37.28
Std Dev 3.221
Gaus mean : 37.9562
Gaus Width: 2.8085
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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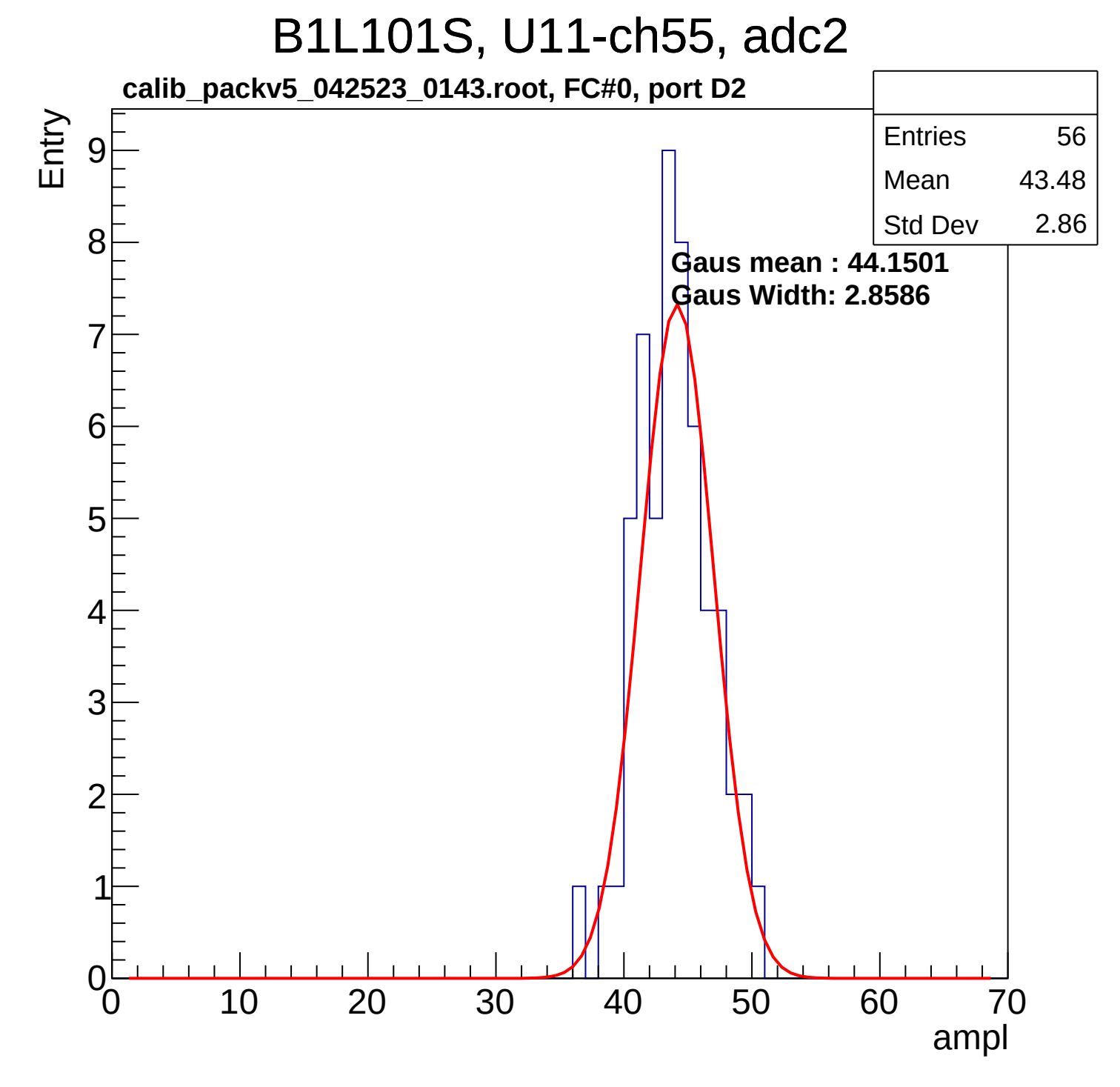
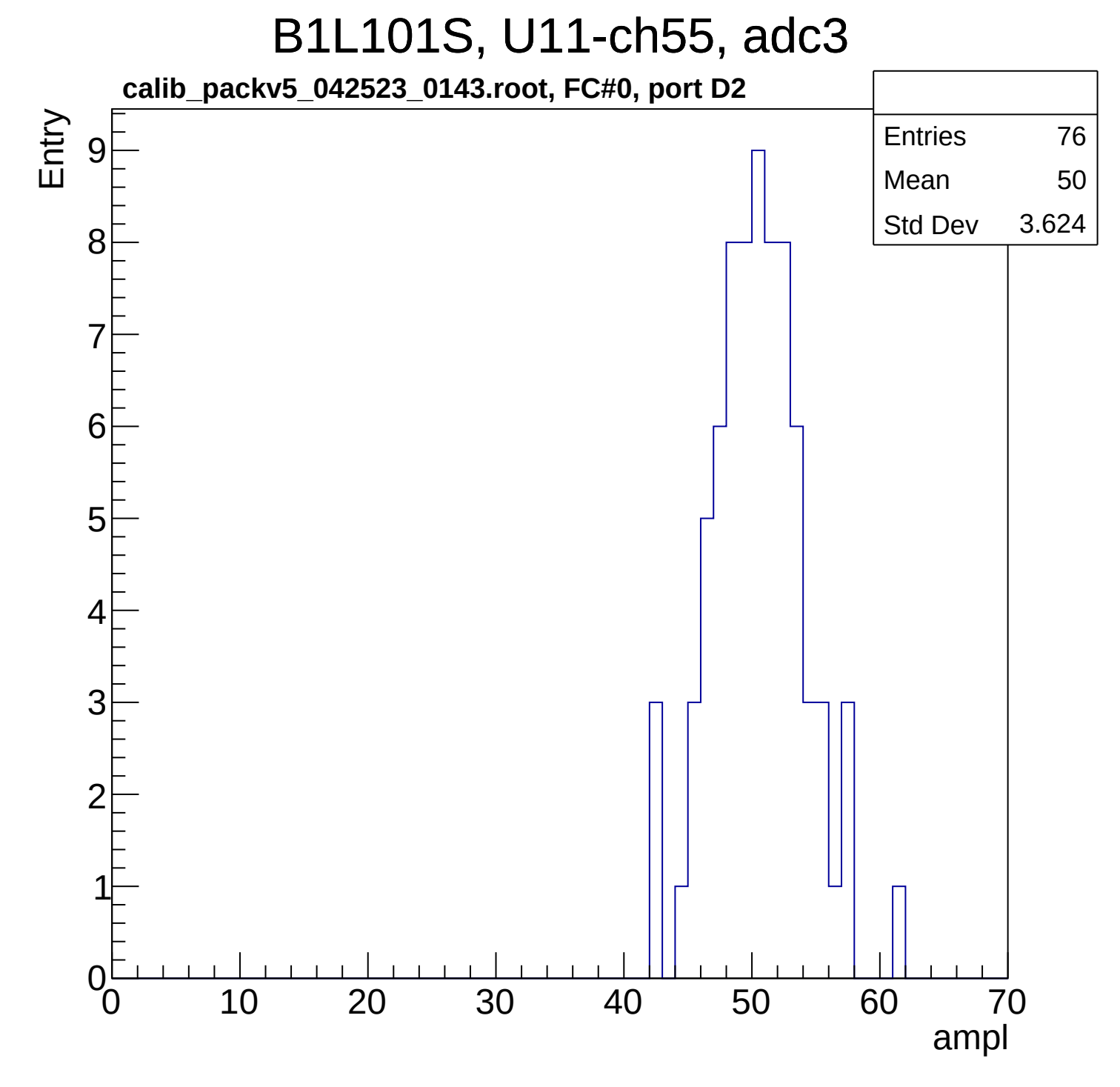

B1L101S, U11-ch55, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 43.48
Std Dev 2.86
Gaus mean : 44.1501
Gaus Width: 2.8586
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L101S, U11-ch55, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 50
Std Dev 3.624
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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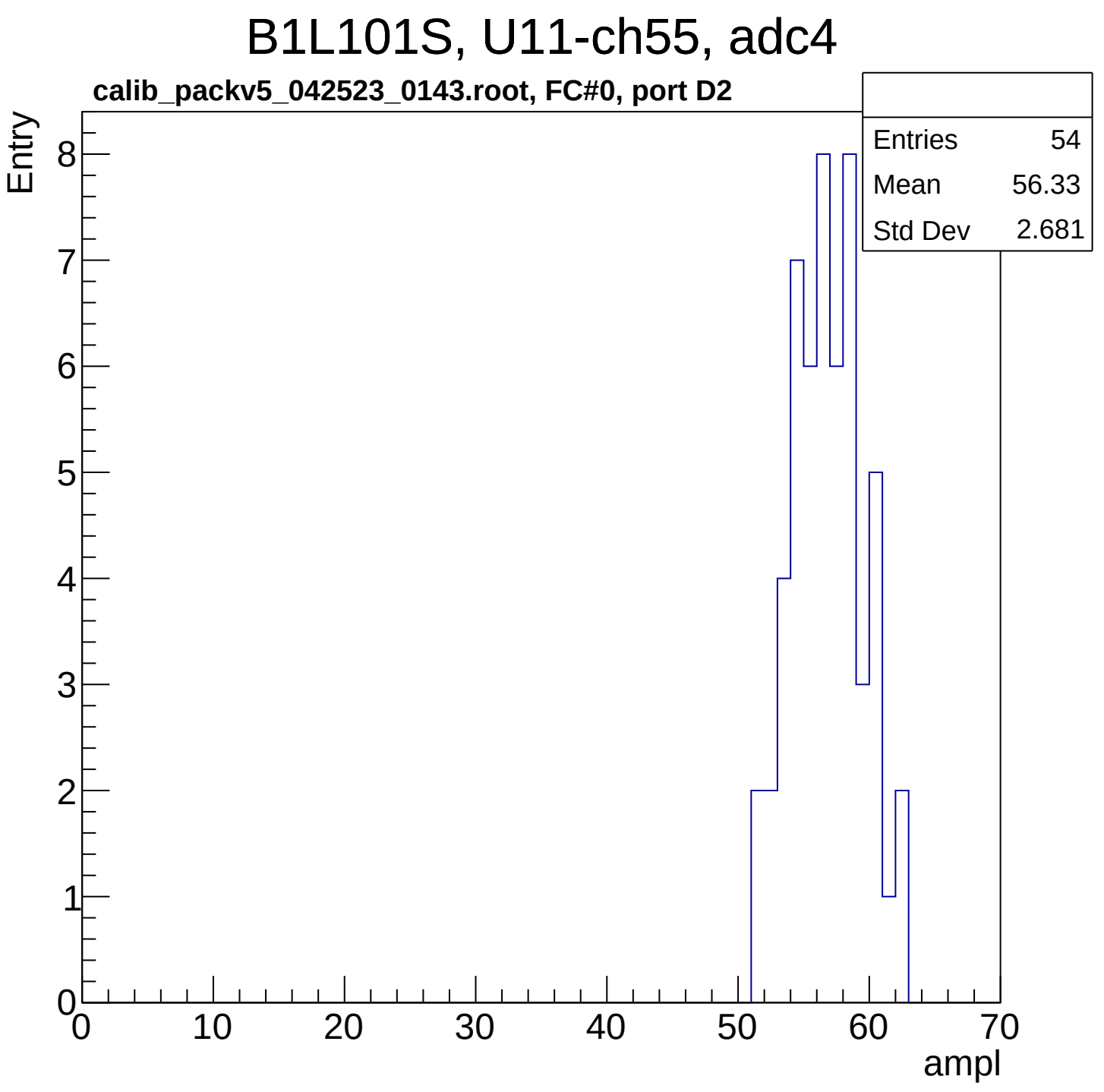
B1L101S, U11-ch55, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 54
Mean 56.33
Std Dev 2.681
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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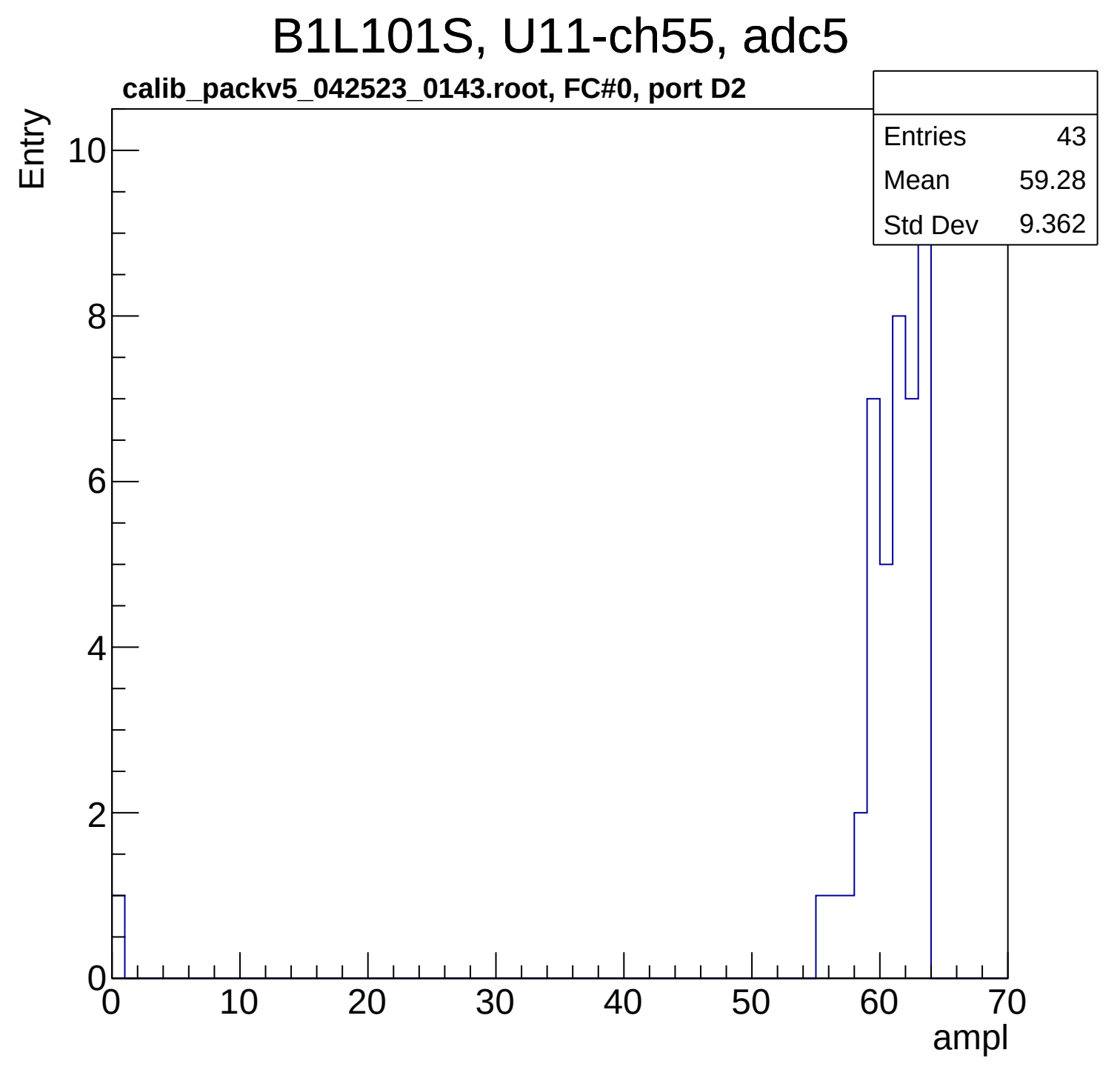
B1L101S, U11-ch55, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 43
Mean 59.28
Std Dev 9.362
Entry
ampl
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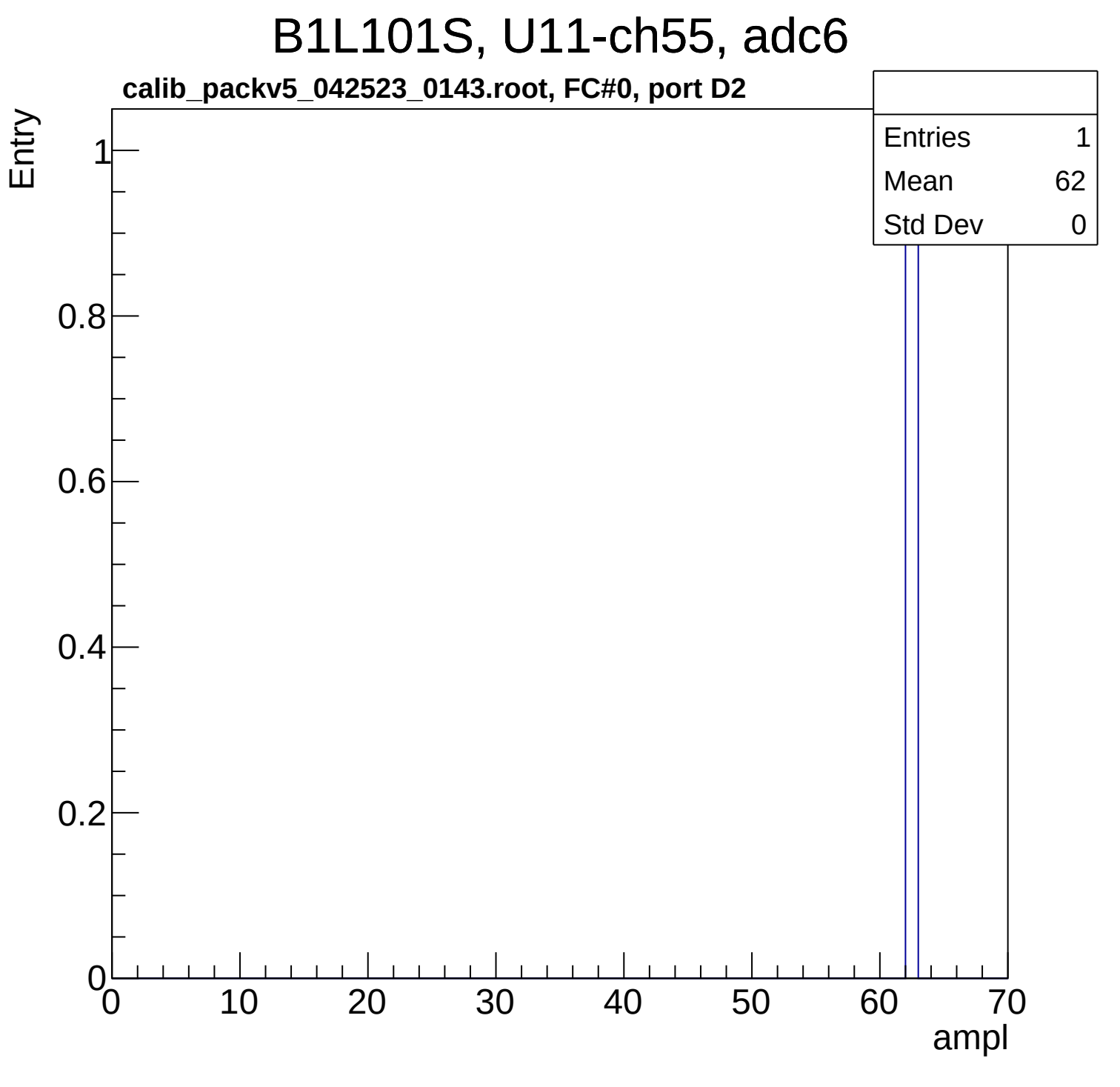
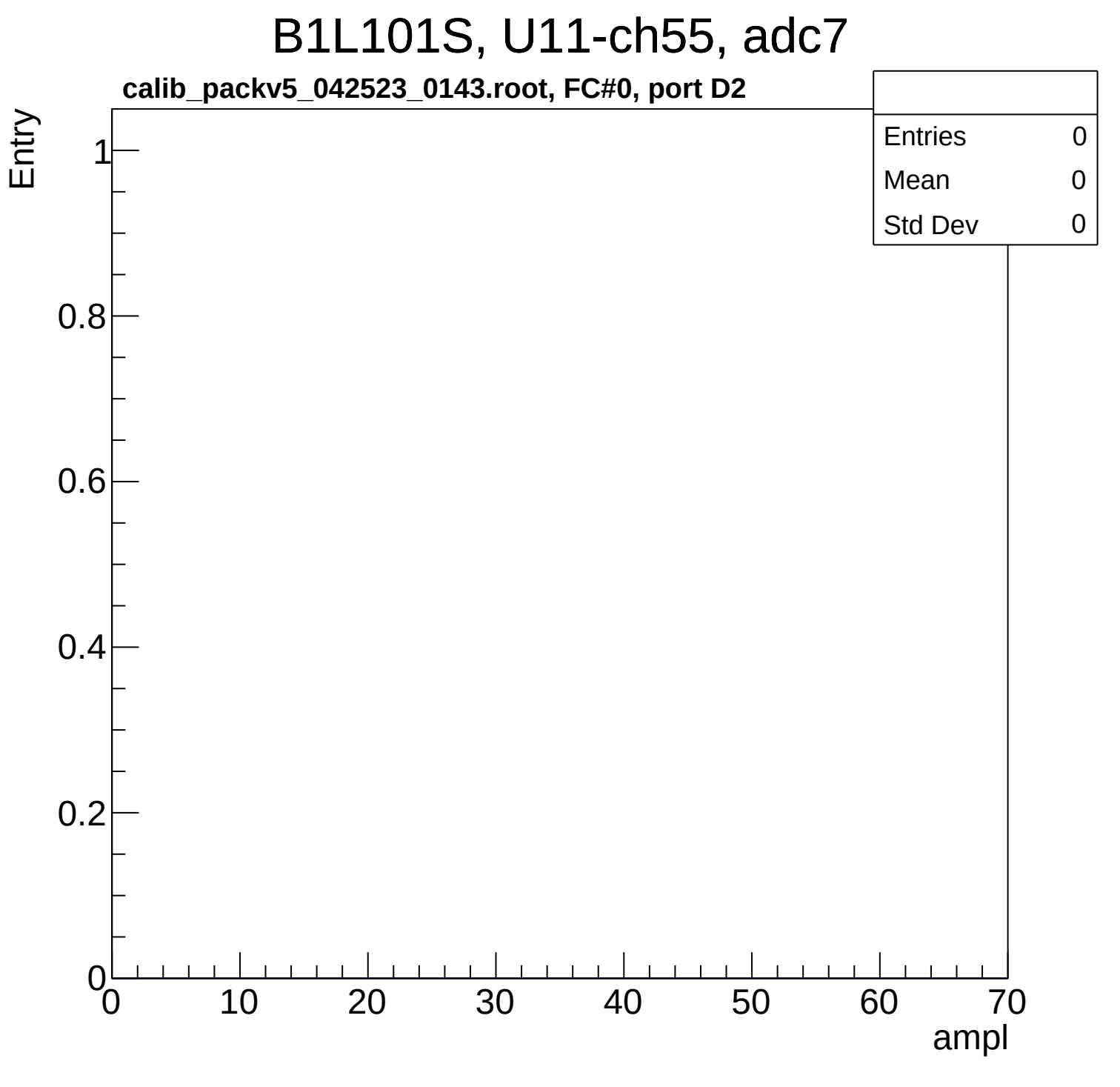
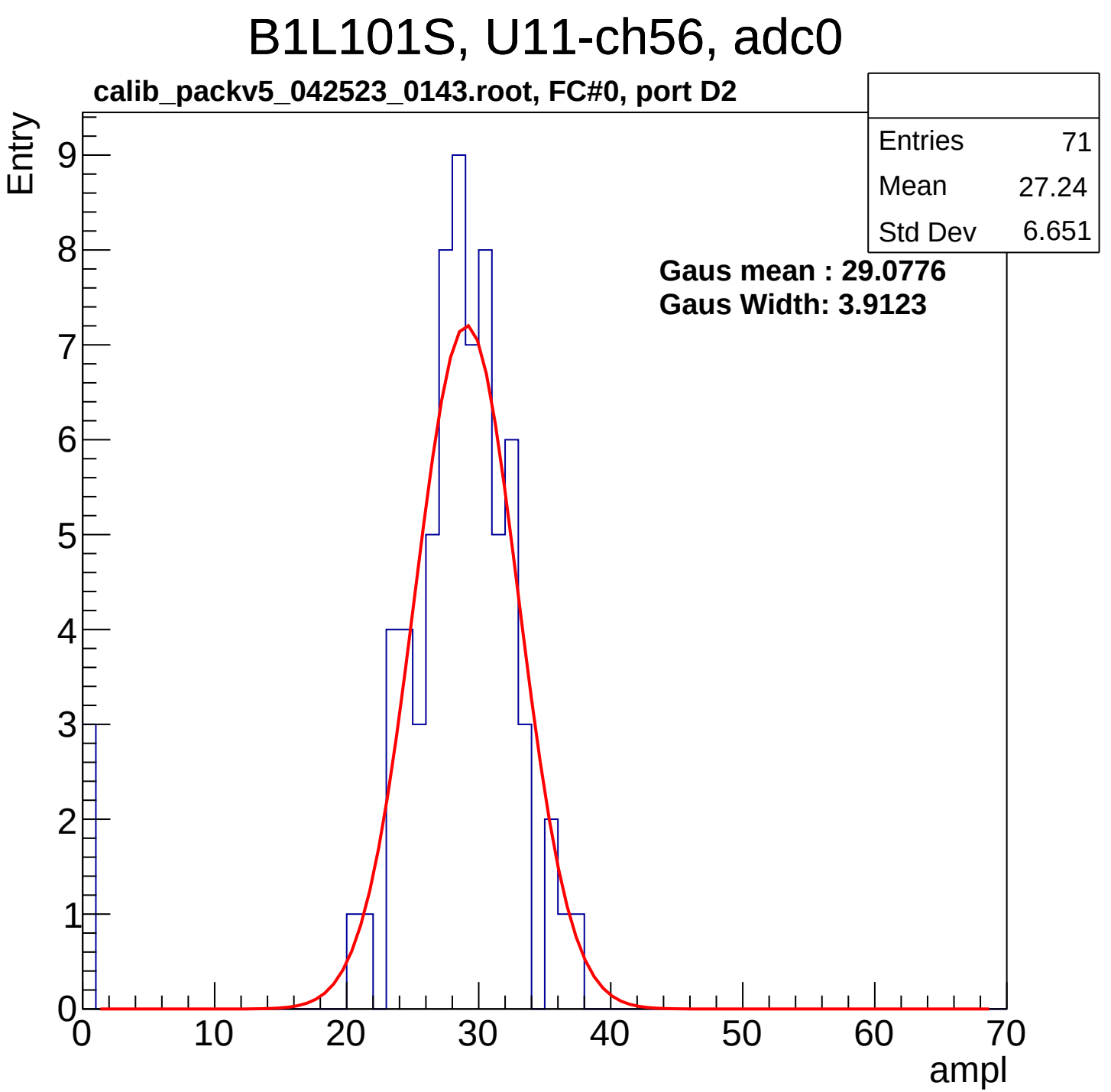
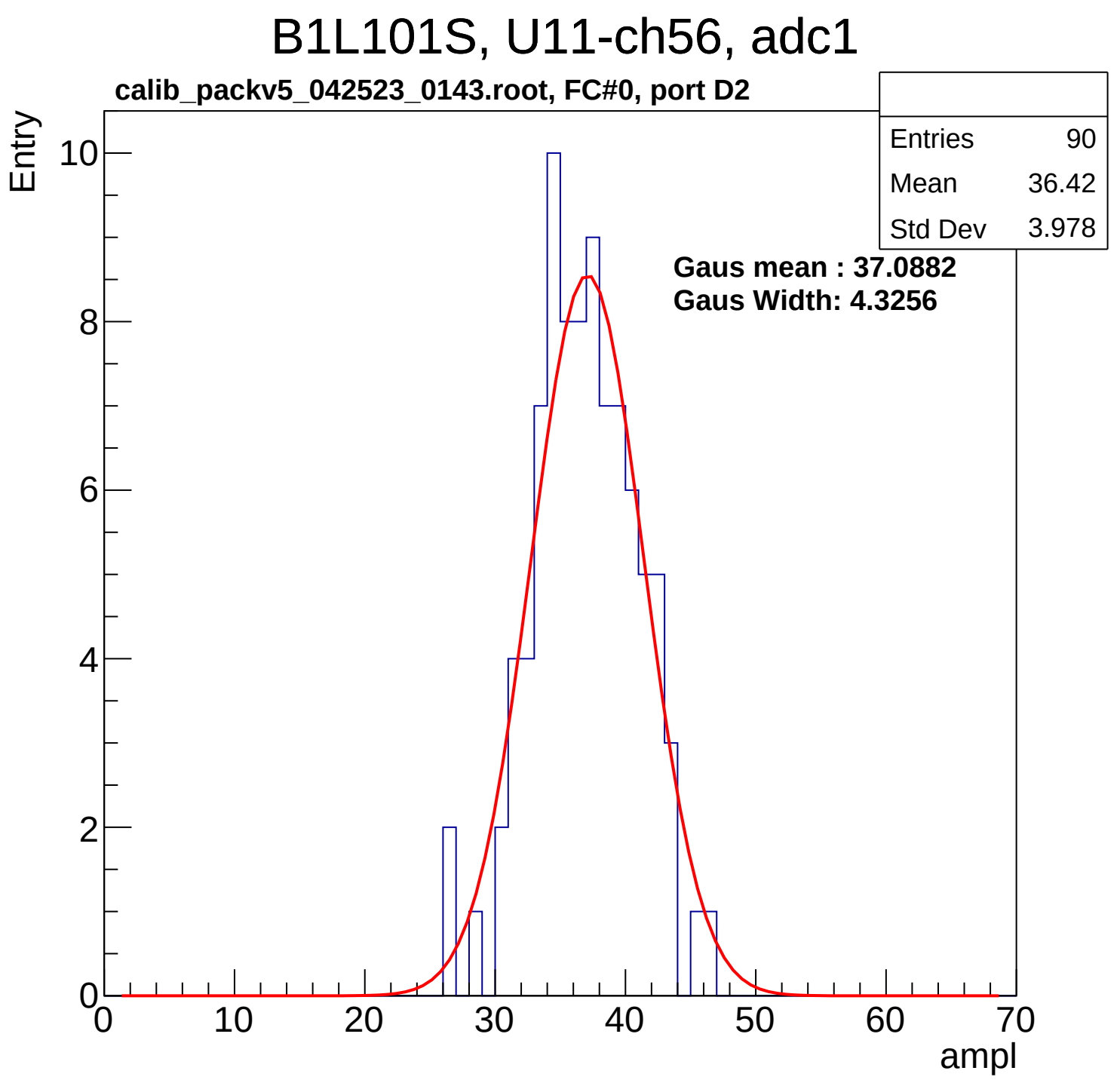
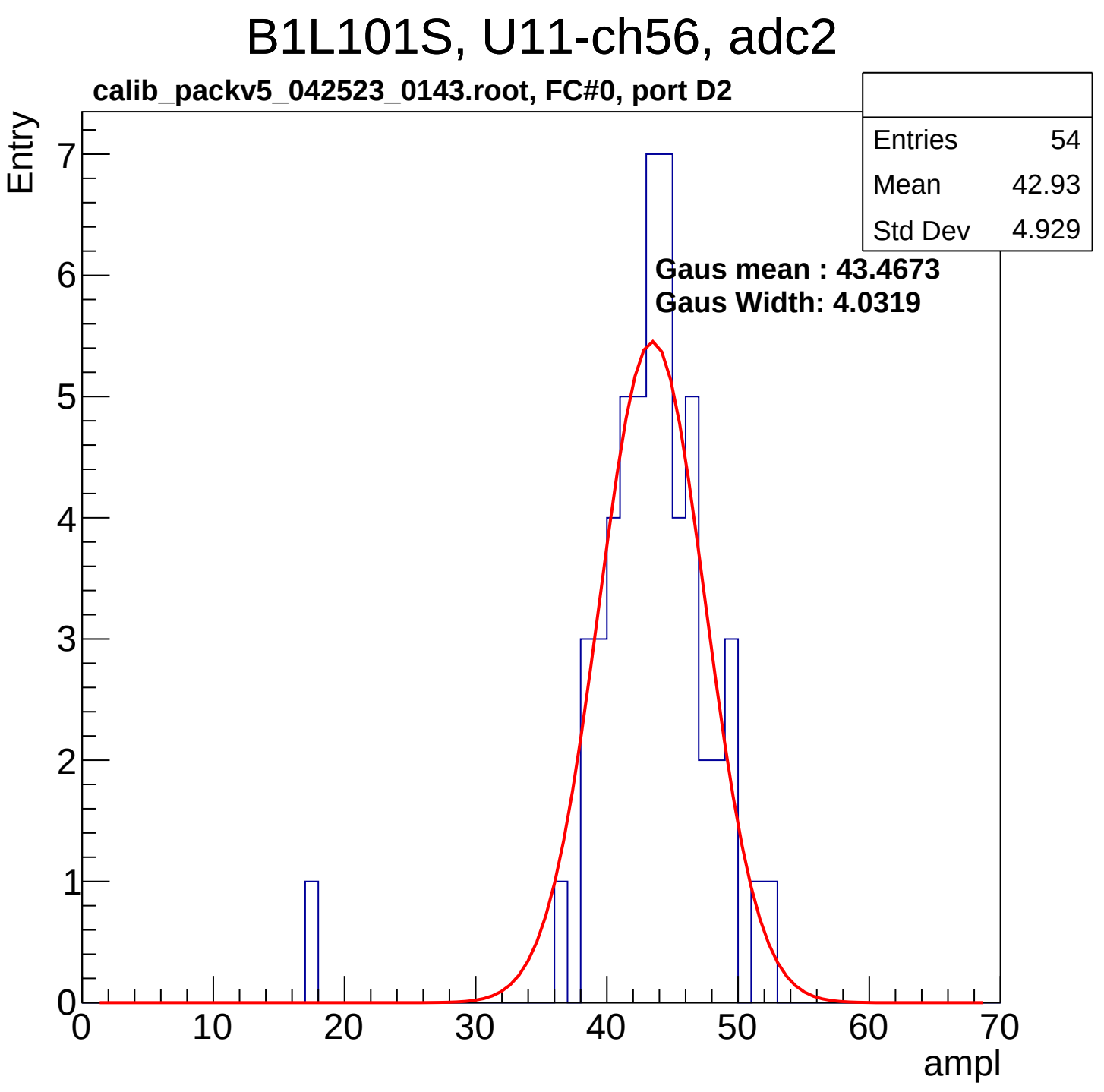
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch55, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch55, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch56, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 27.24
Std Dev 6.651
Gaus mean : 29.0776
Gaus Width: 3.9123
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch56, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 90
Mean 36.42
Std Dev 3.978
Gaus mean : 37.0882
Gaus Width: 4.3256
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch56, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 54
Mean 42.93
Std Dev 4.929
Gaus mean : 43.4673
Gaus Width: 4.0319
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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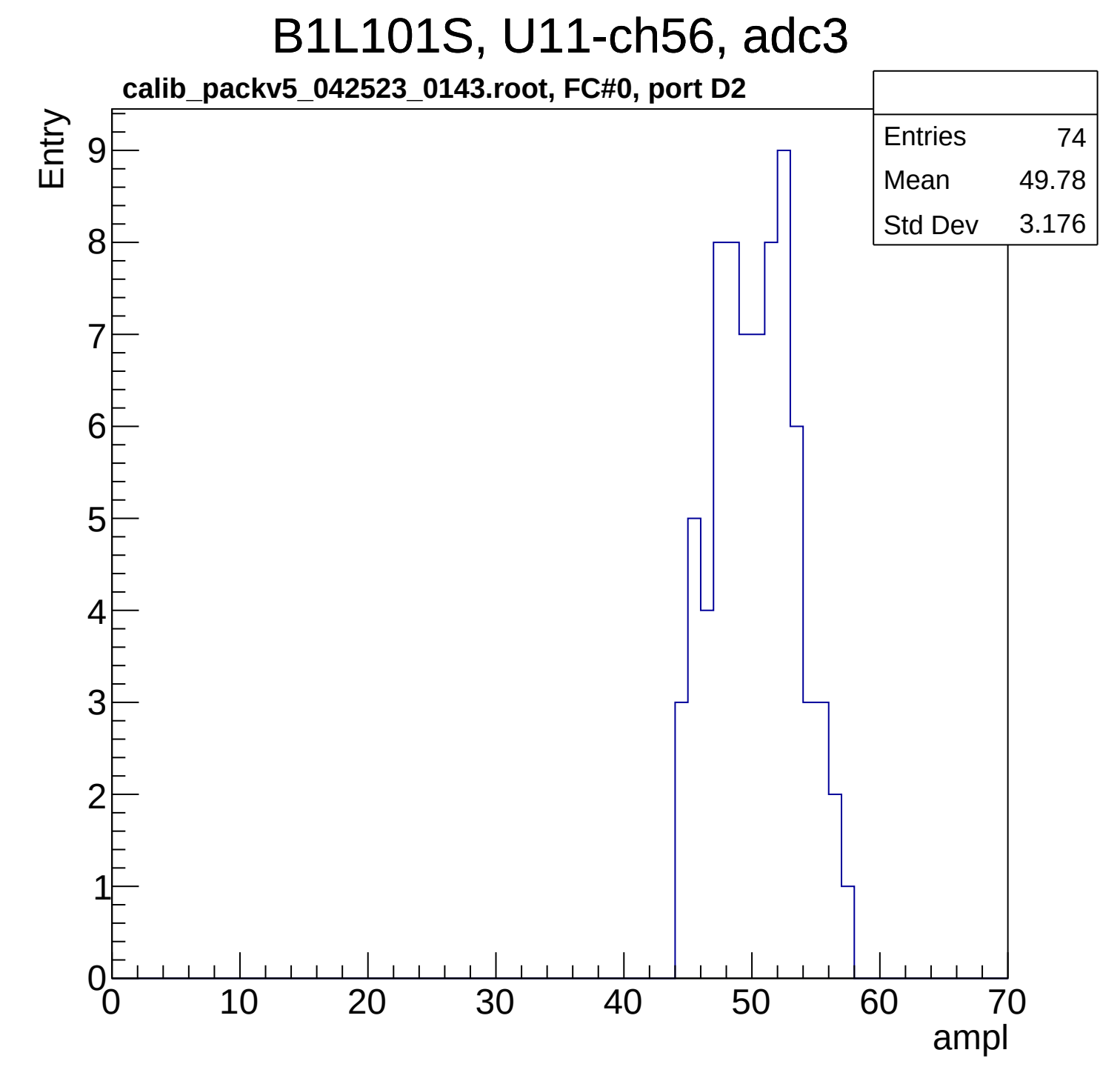
B1L101S, U11-ch56, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 74
Mean 49.78
Std Dev 3.176
Entry
ampl
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2
3
4
5
6
7
8
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0
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60
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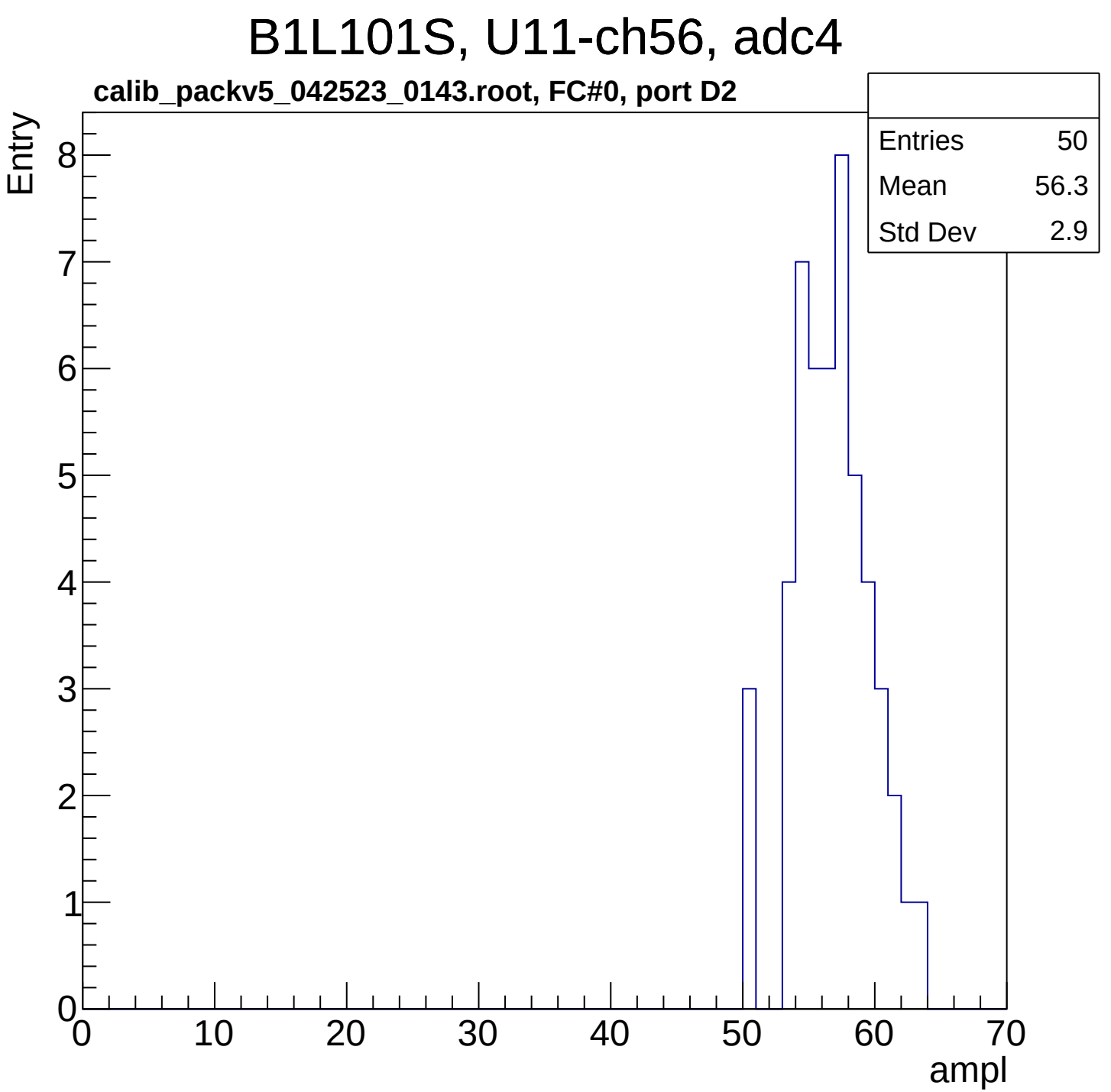
B1L101S, U11-ch56, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 50
Mean 56.3
Std Dev 2.9
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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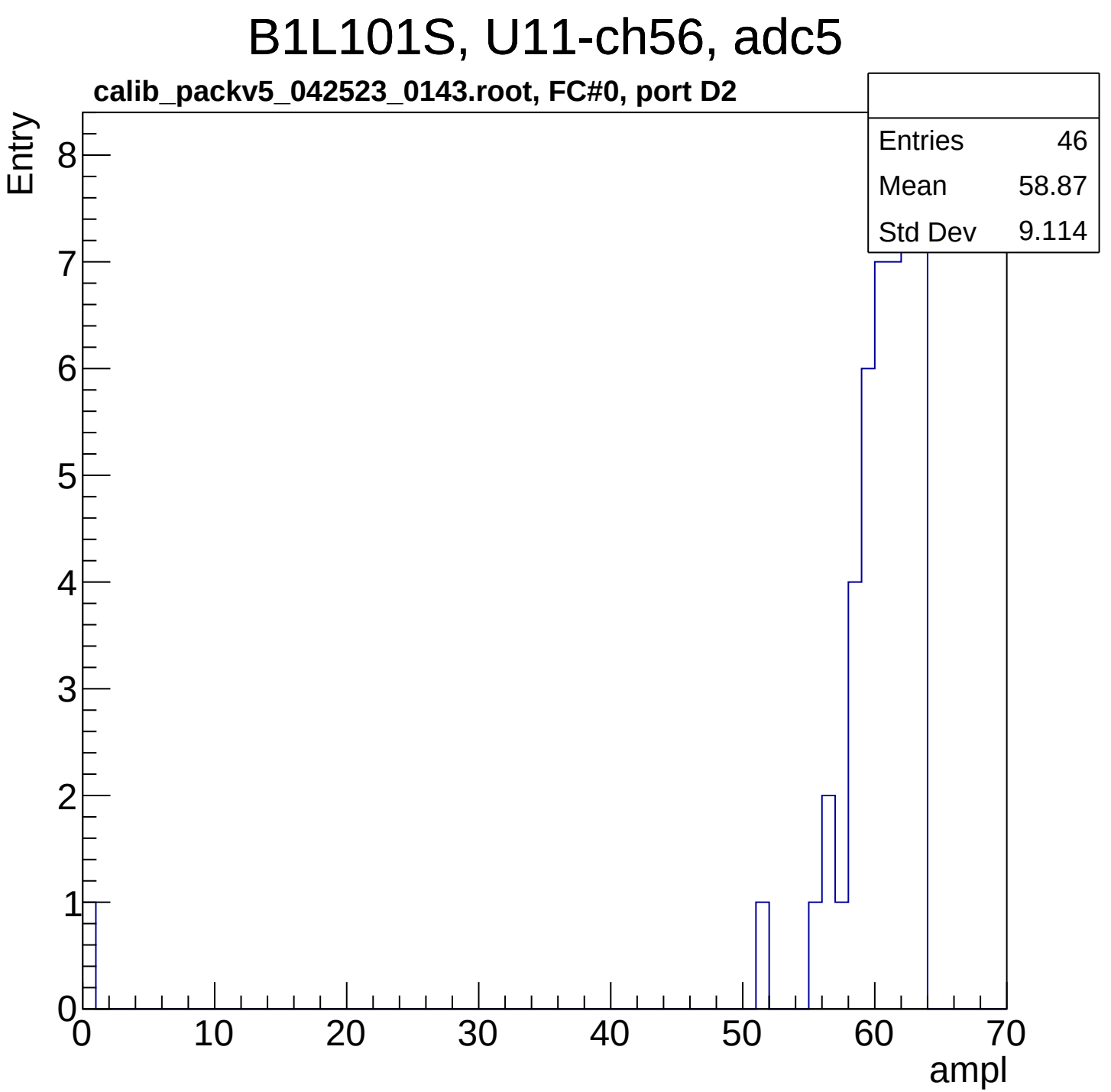
B1L101S, U11-ch56, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 46
Mean 58.87
Std Dev 9.114
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
30
40
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60
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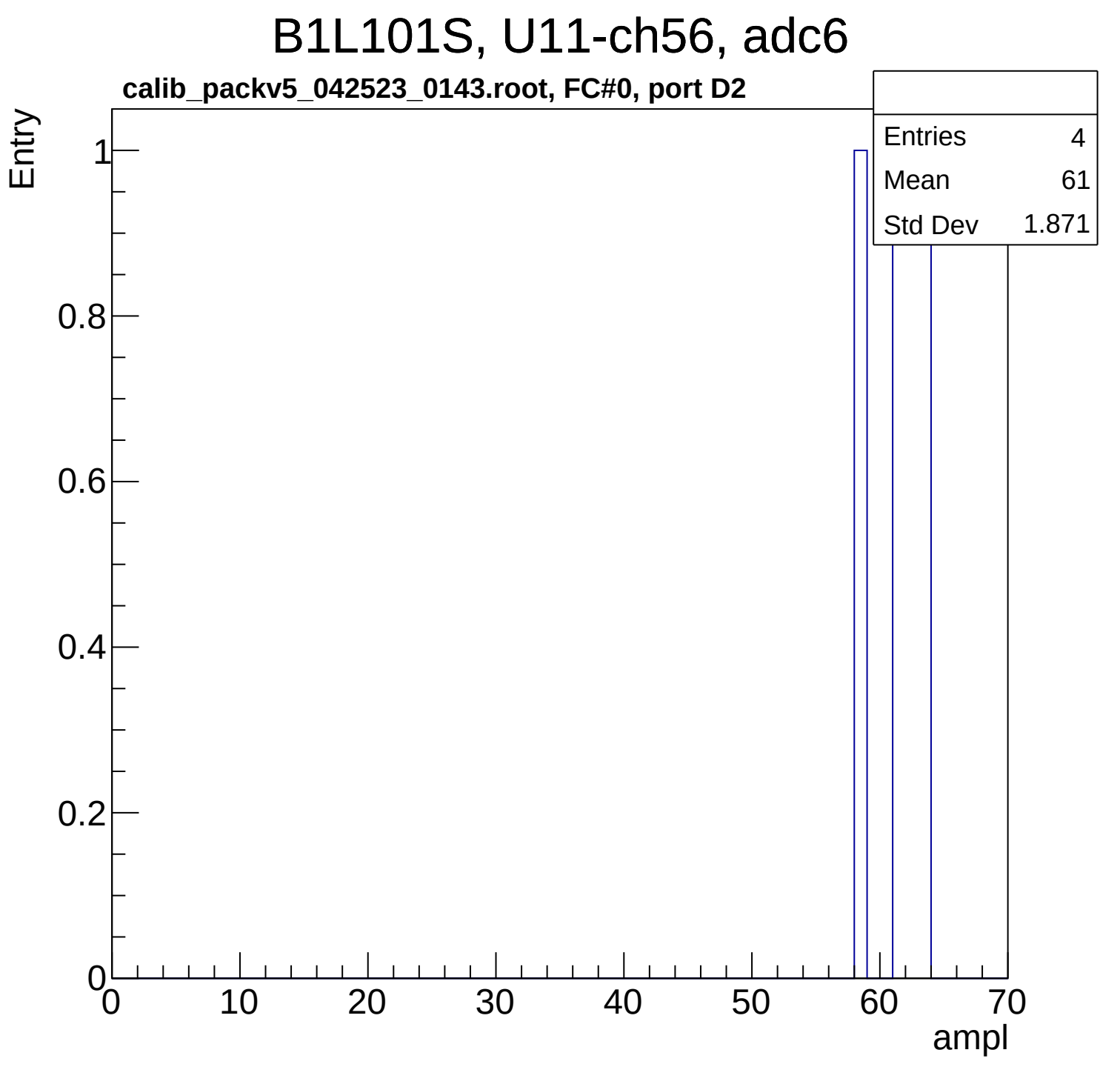
B1L101S, U11-ch56, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 61
Std Dev 1.871
Entry
ampl
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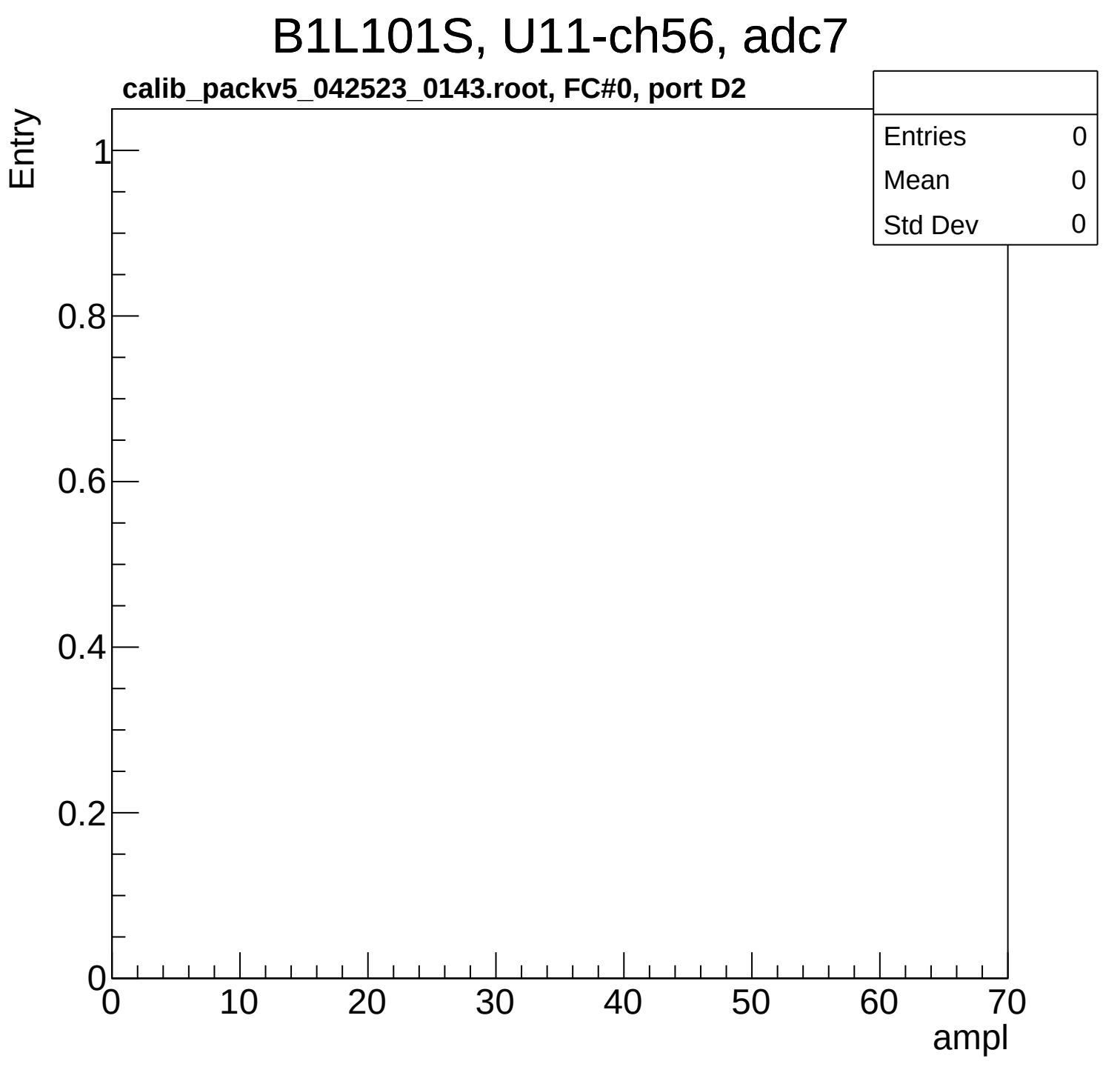
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L101S, U11-ch56, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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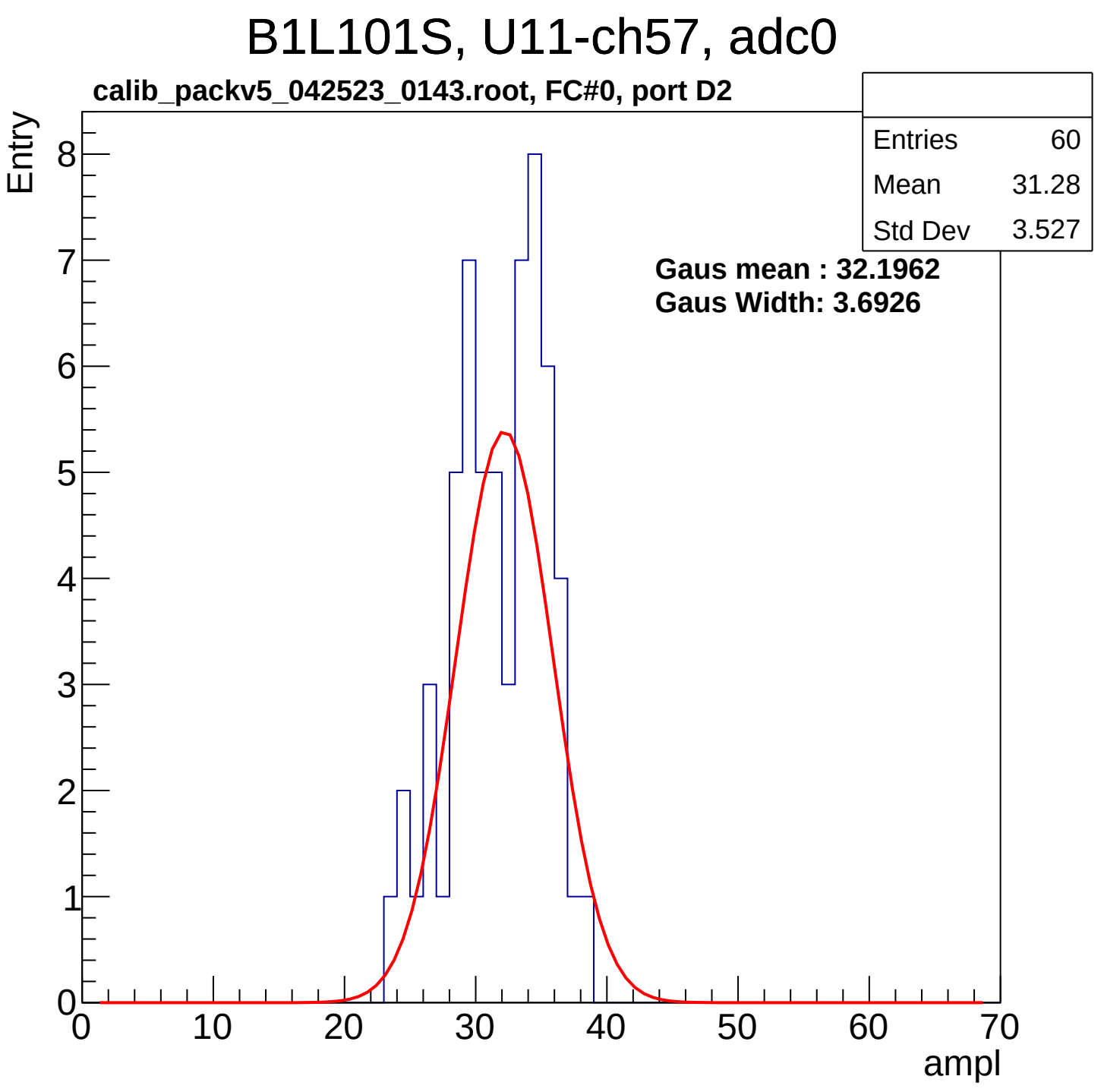
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch57, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 31.28
Std Dev 3.527
Gaus mean : 32.1962
Gaus Width: 3.6926
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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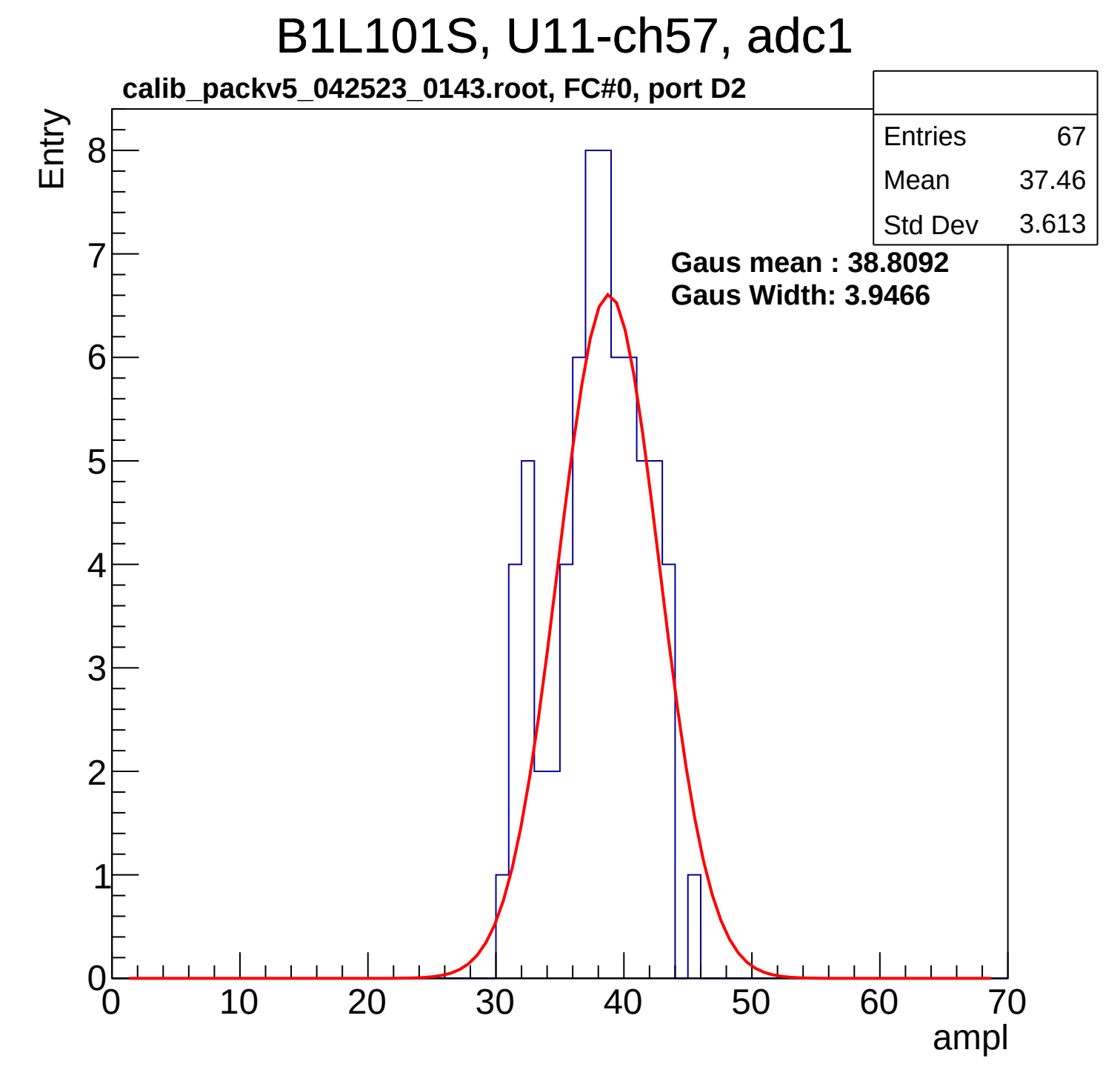
B1L101S, U11-ch57, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 37.46
Std Dev 3.613
Gaus mean : 38.8092
Gaus Width: 3.9466
Entry
ampl
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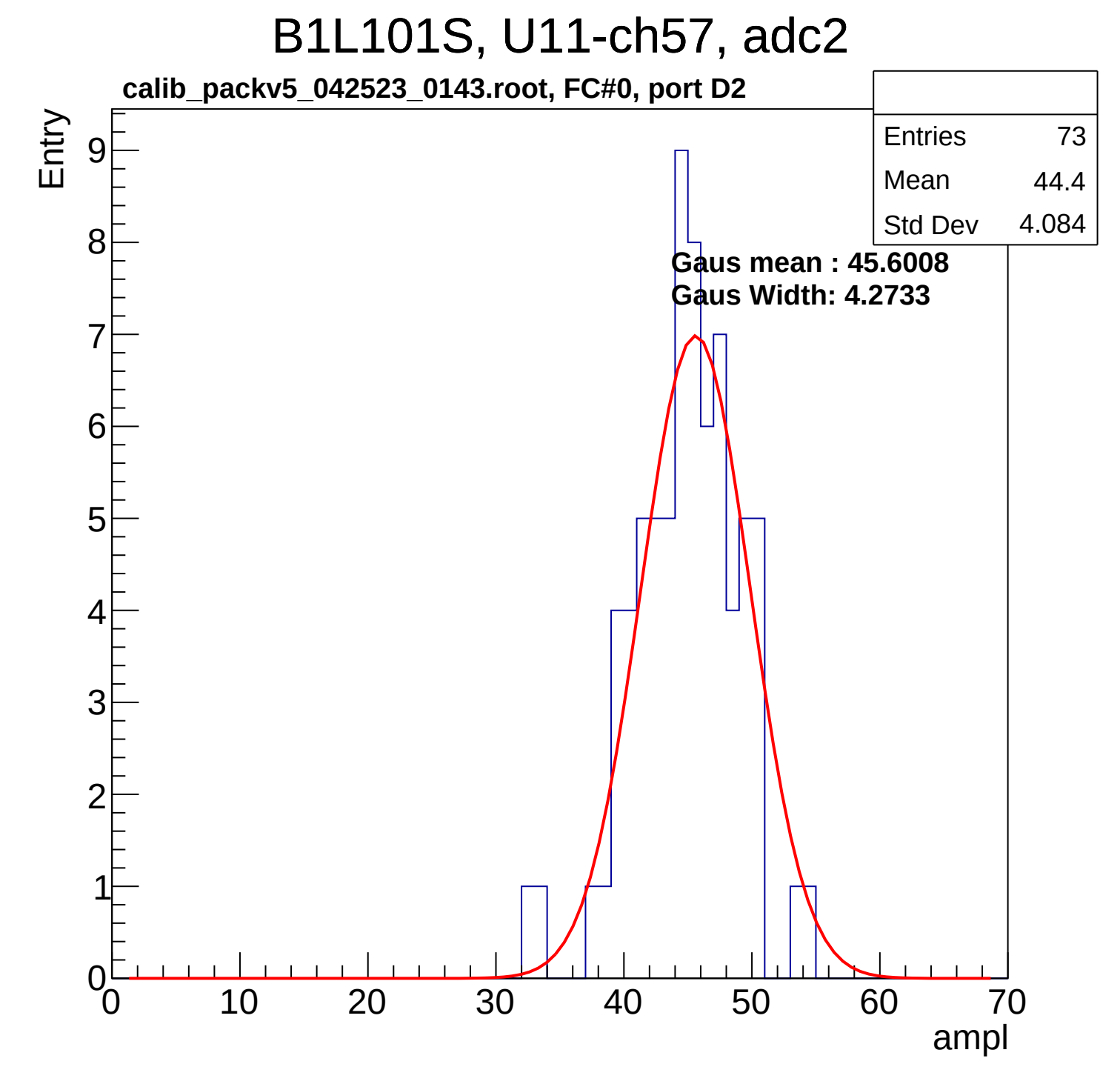
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch57, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 44.4
Std Dev 4.084
Gaus mean : 45.6008
Gaus Width: 4.2733
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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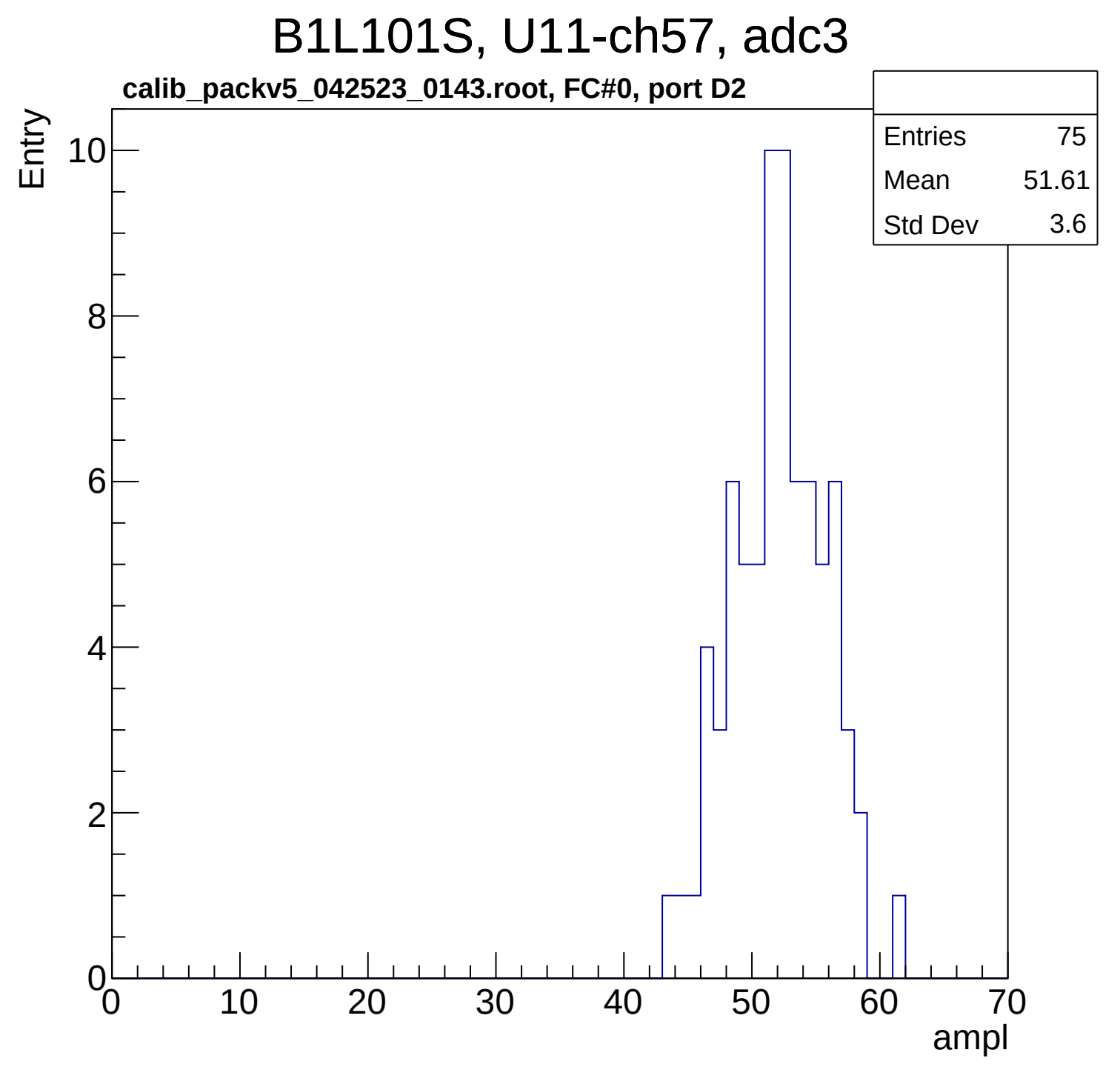
B1L101S, U11-ch57, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 75
Mean 51.61
Std Dev 3.6
Entry
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6
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10
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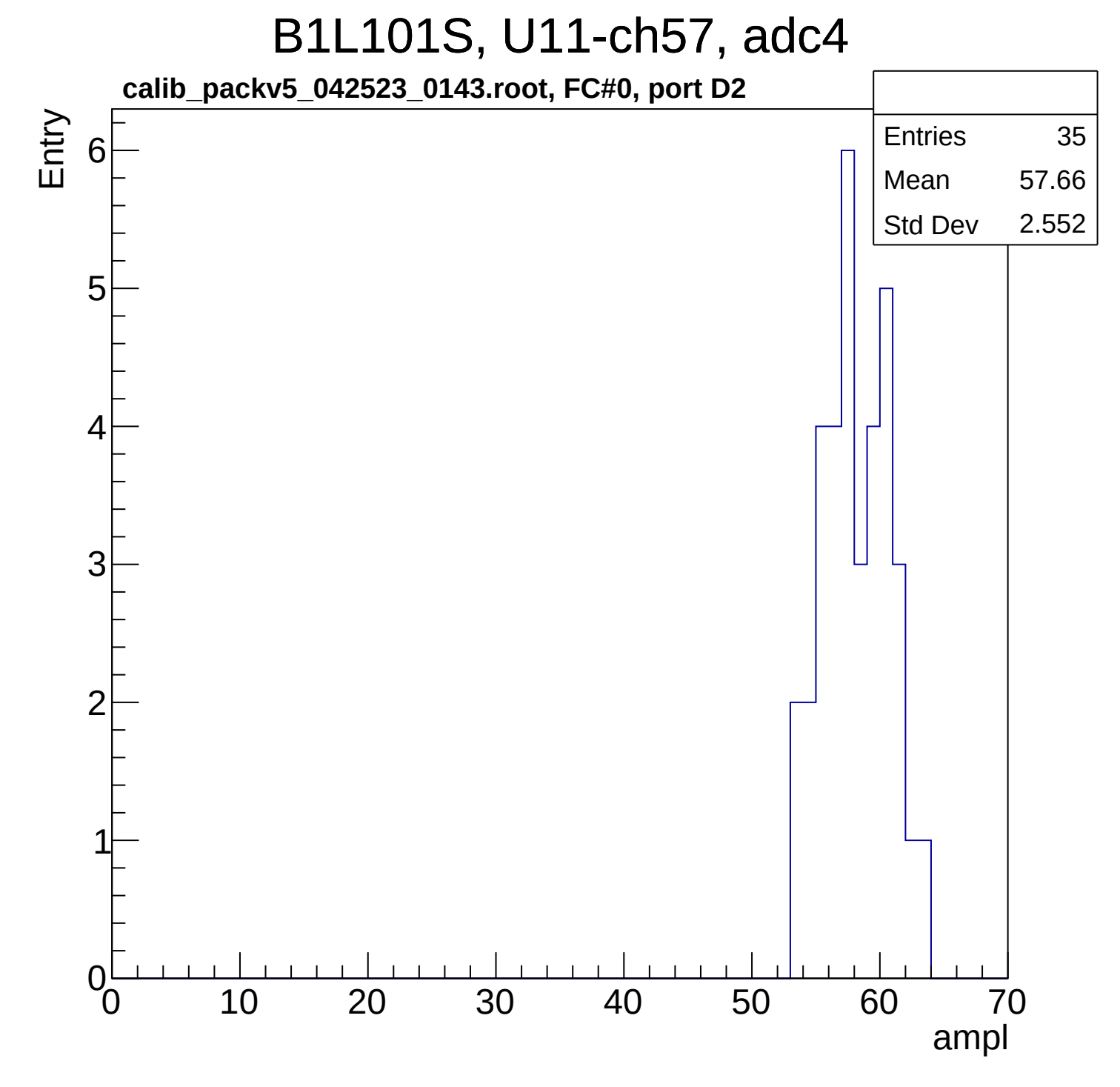
70
ampl


B1L101S, U11-ch57, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 35
Mean 57.66
Std Dev 2.552
Entry
ampl
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5
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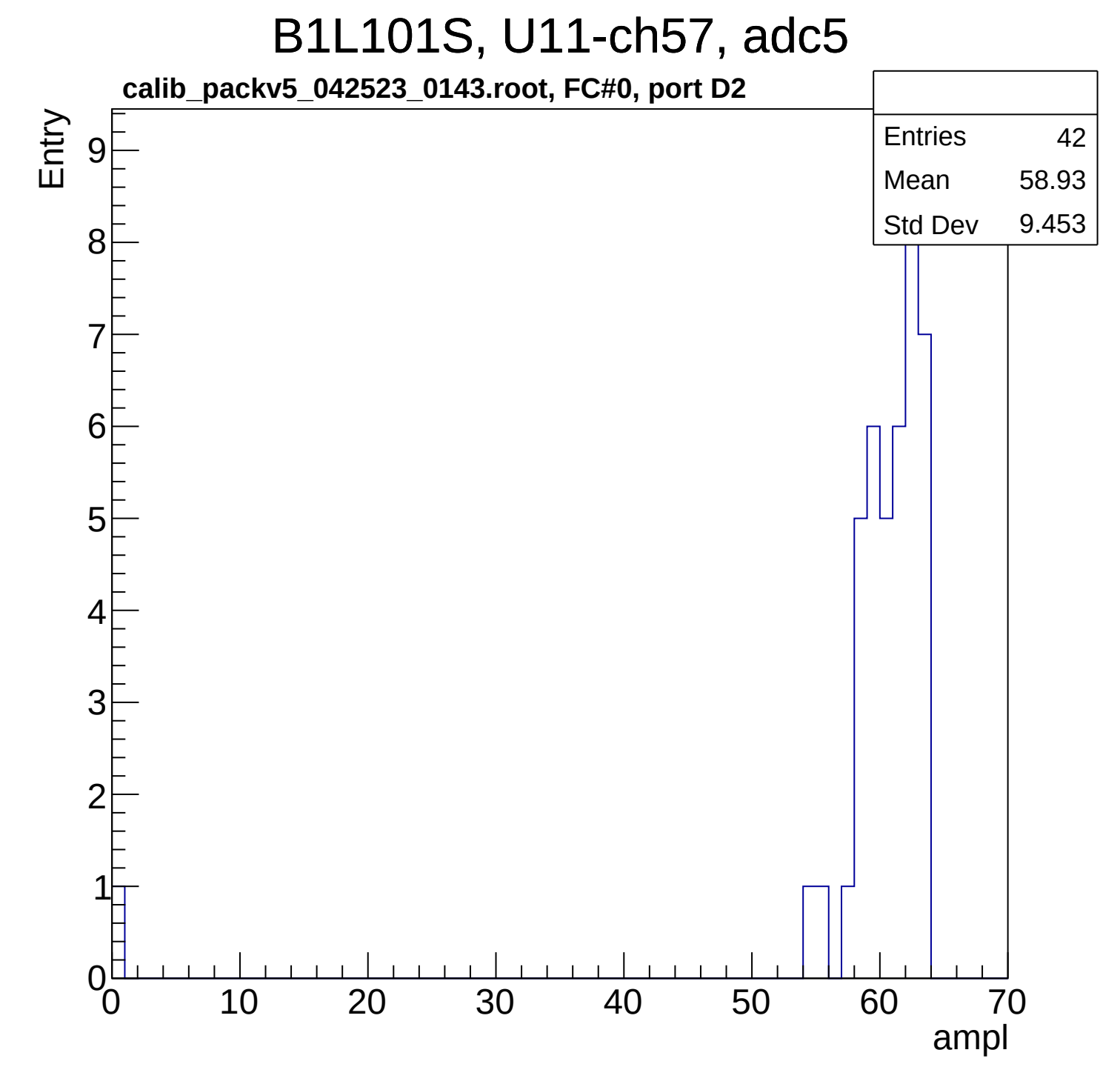
40
50
60
70


B1L101S, U11-ch57, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 42
Mean 58.93
Std Dev 9.453
Entry
ampl
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3
4
5
6
7
8
9
0
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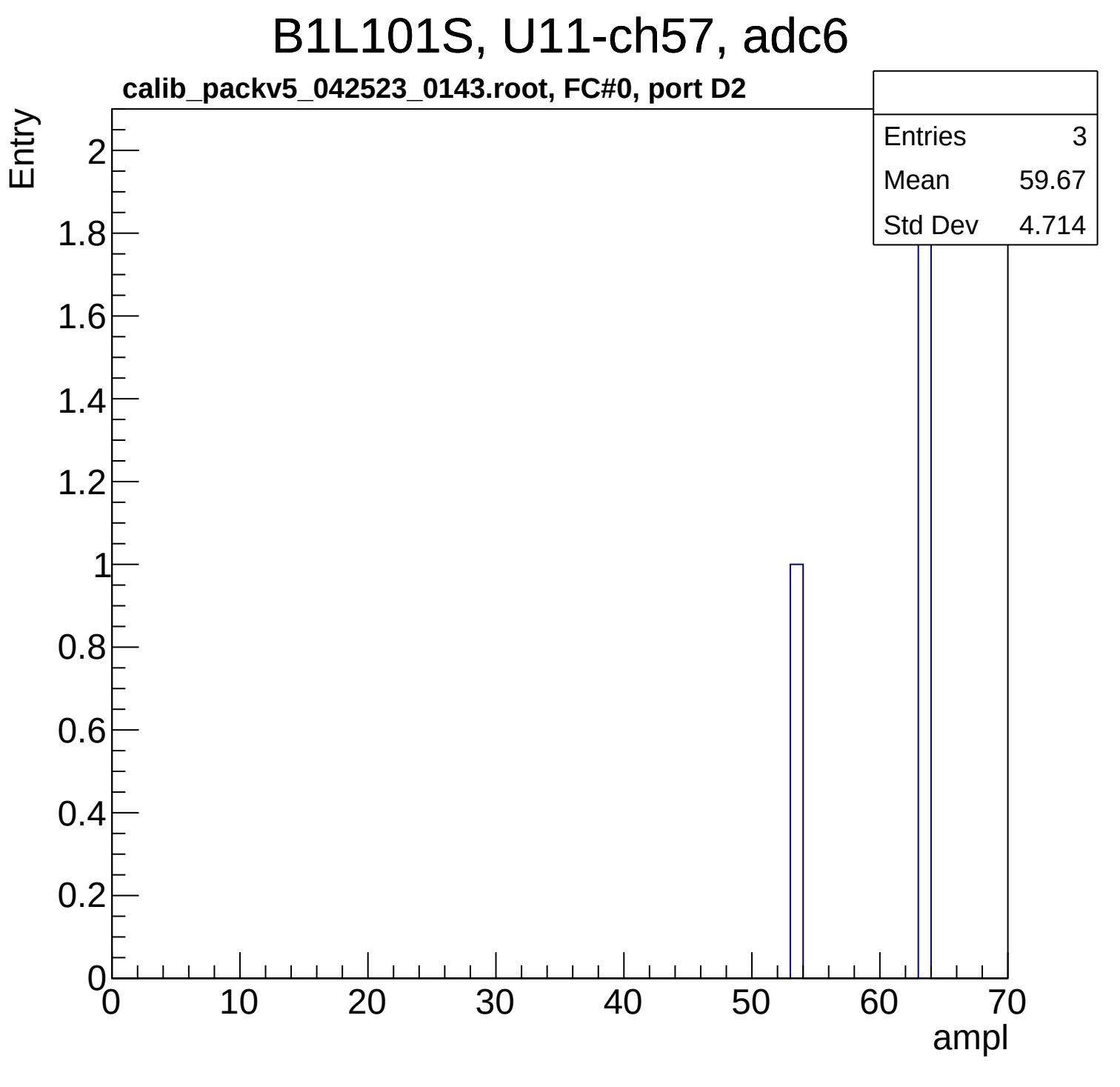
B1L101S, U11-ch57, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 59.67
Std Dev 4.714
Entry
ampl
0
0.2
0.4
0.6
0.8
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1.2
1.4
1.6
1.8
2
0
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20
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40
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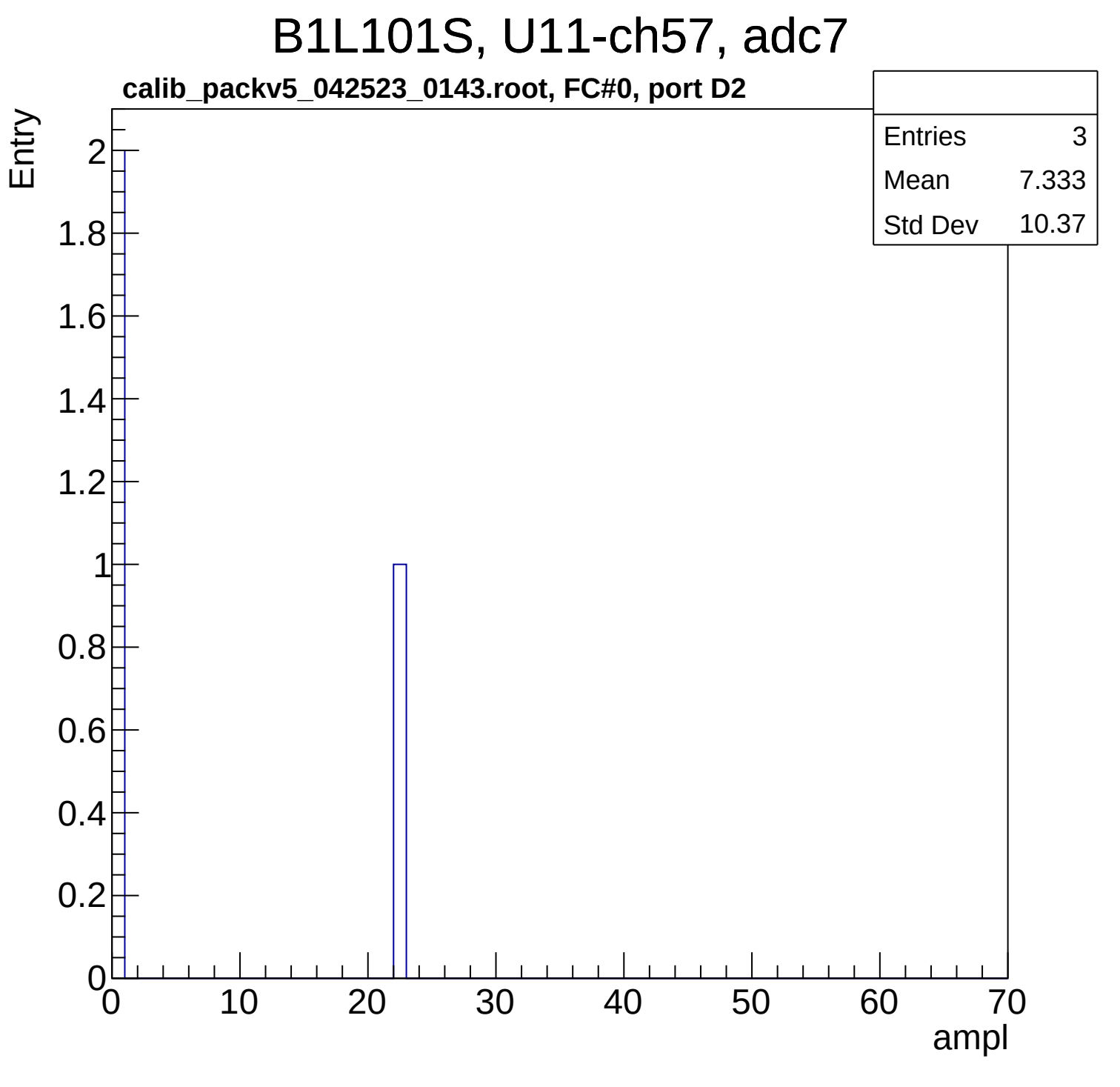
60
70


B1L101S, U11-ch57, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 7.333
Std Dev 10.37
Entry
ampl
0
0.2
0.4
0.6
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1.4
1.6
1.8
2
0
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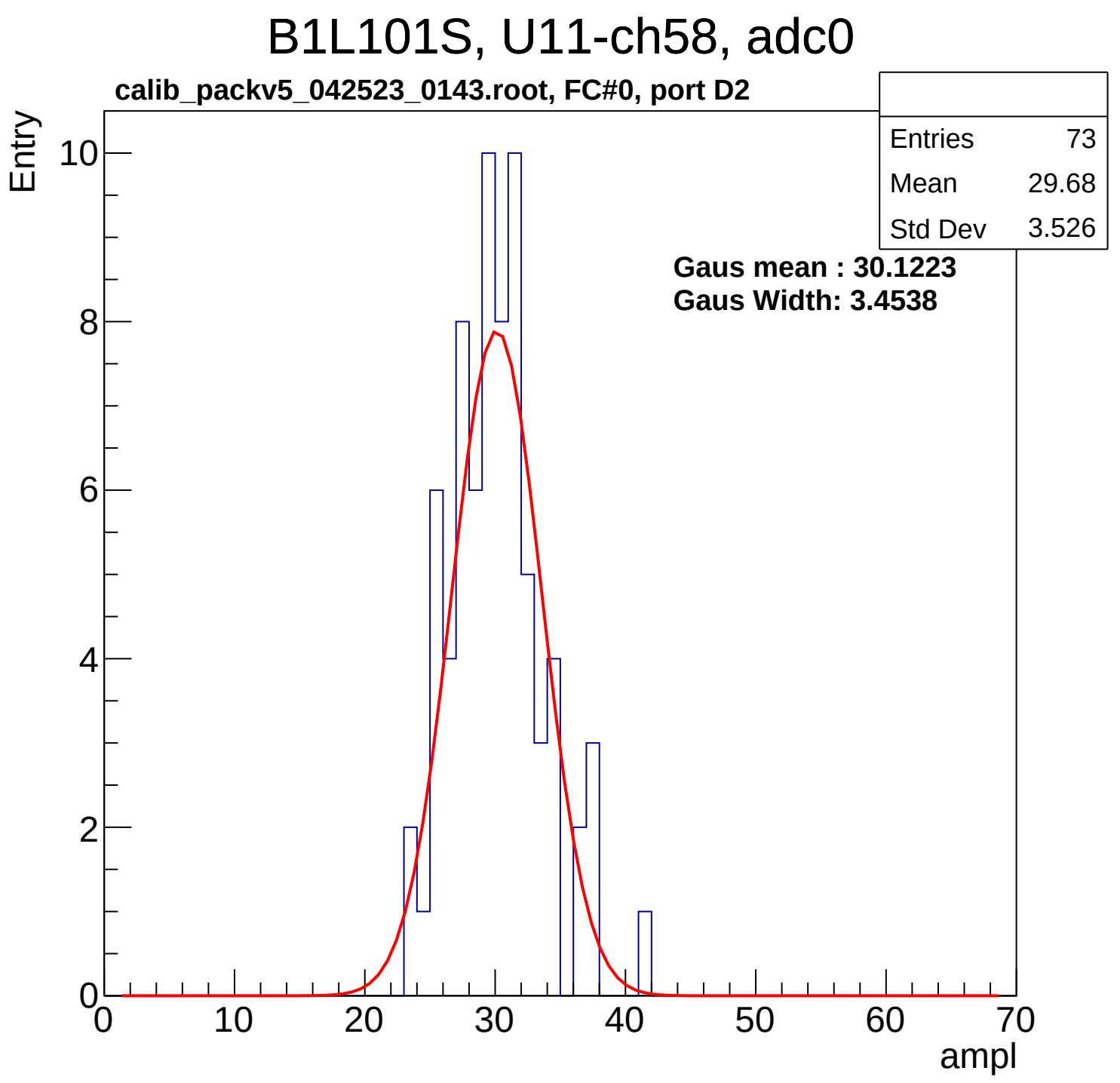
B1L101S, U11-ch58, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 29.68
Std Dev 3.526
Gaus mean : 30.1223
Gaus Width: 3.4538
Entry
ampl
0
2
4
6
8
10
0
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40
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60
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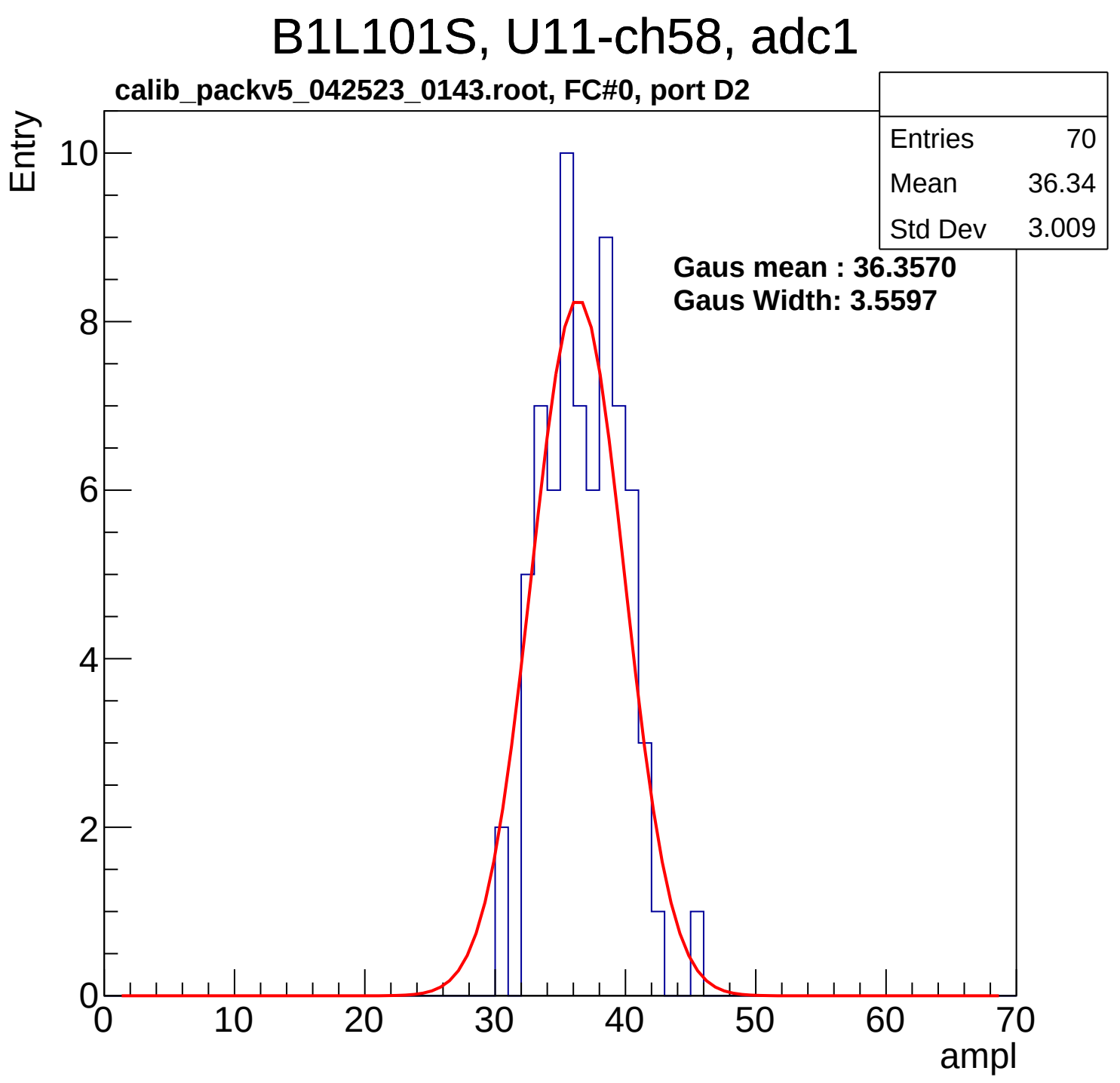
B1L101S, U11-ch58, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 36.34
Std Dev 3.009
Gaus mean : 36.3570
Gaus Width: 3.5597
Entry
ampl
0
2
4
6
8
10
0
10
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40
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60
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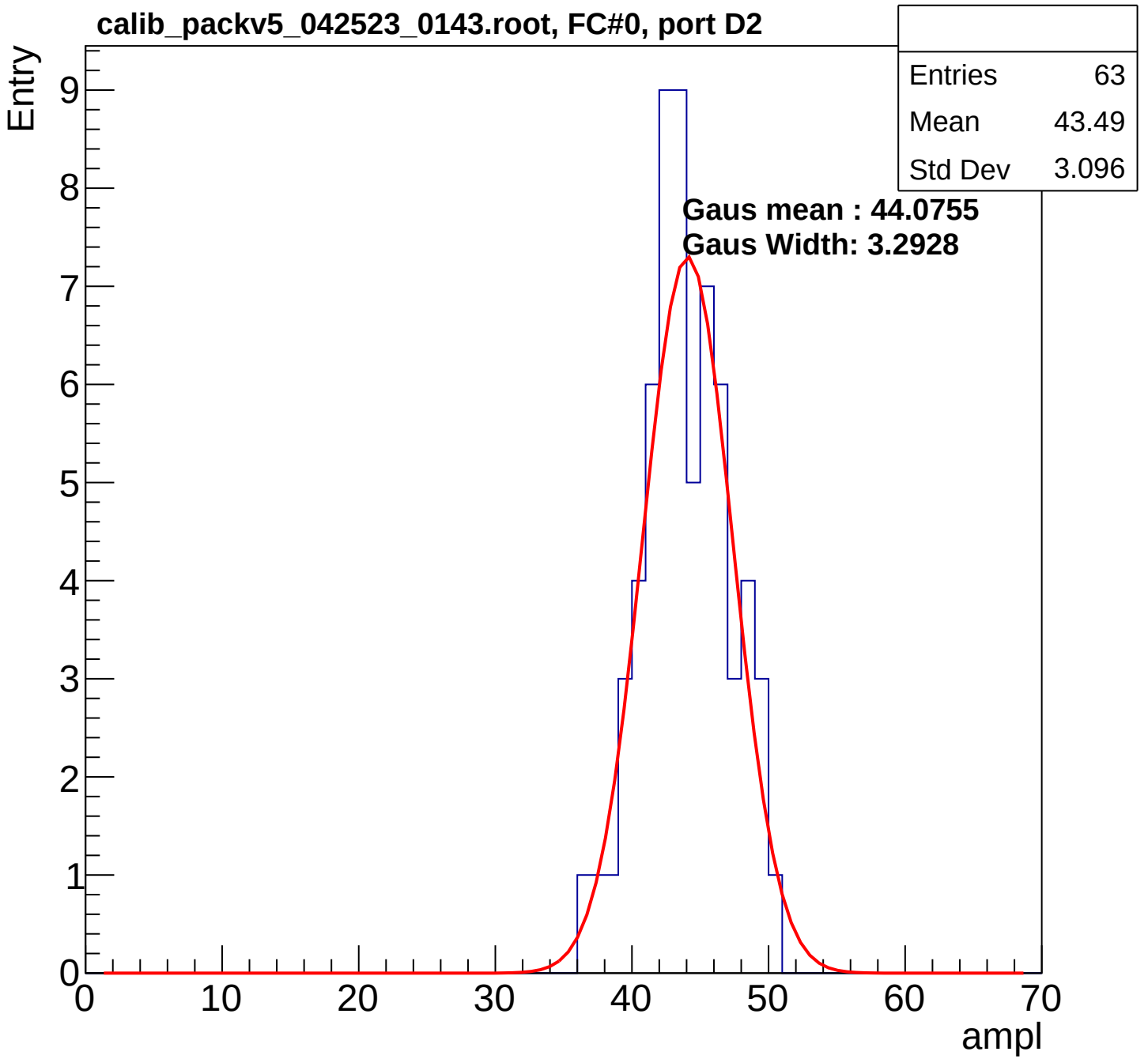
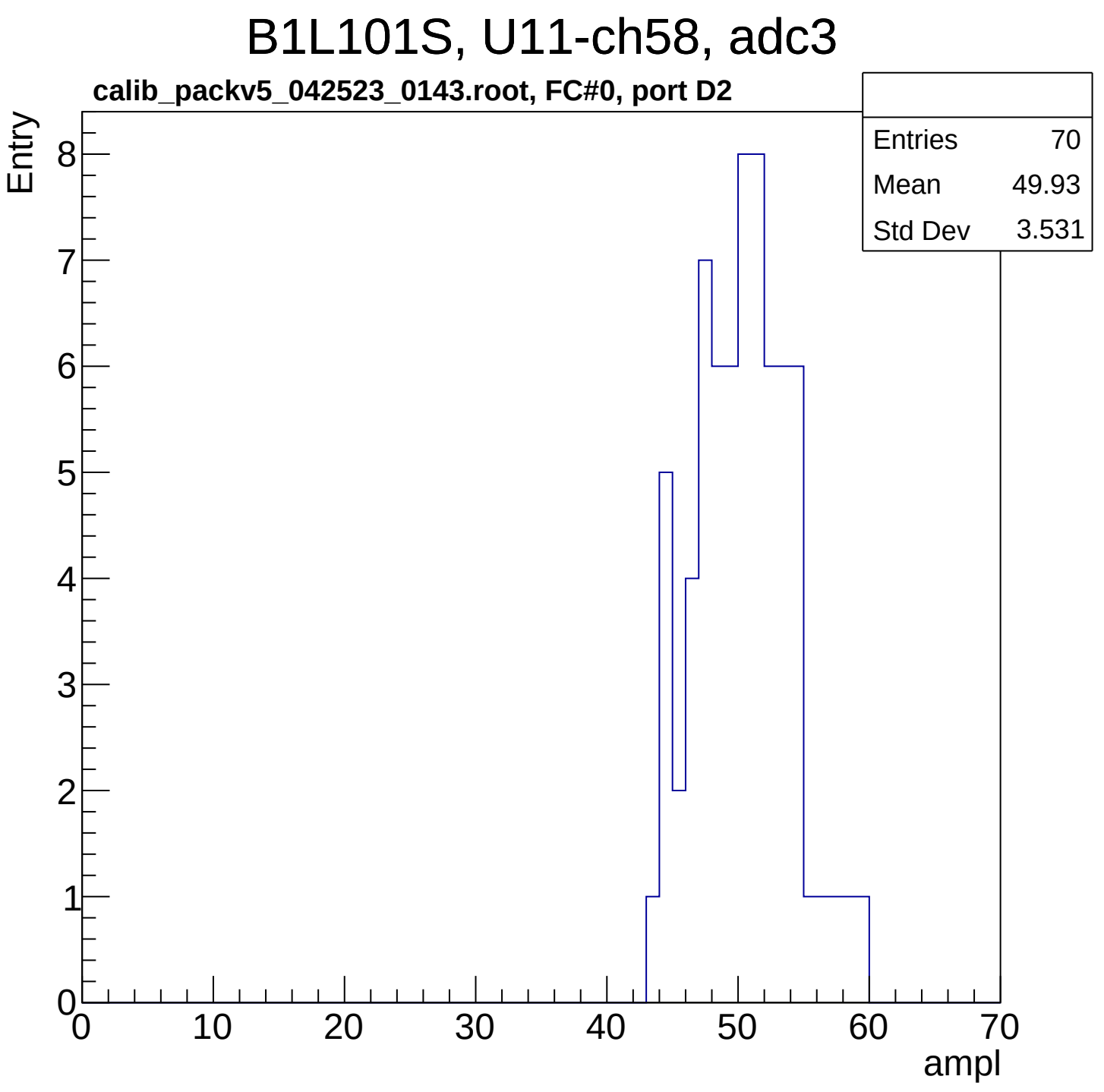
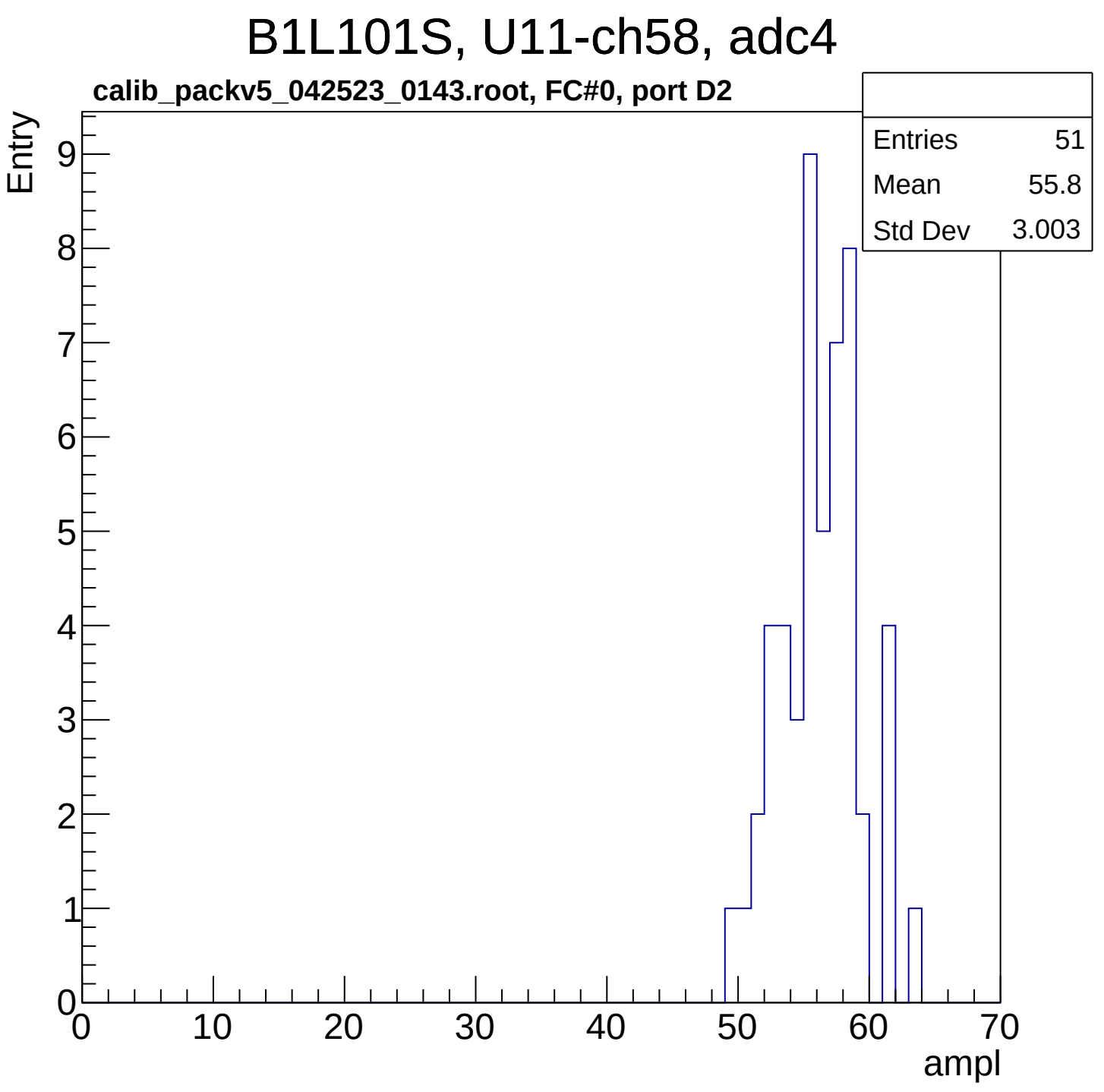

B1L101S, U11-ch58, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 43.49
Std Dev 3.096
Gaus mean : 44.0755
Gaus Width: 3.2928
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L101S, U11-ch58, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 49.93
Std Dev 3.531
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch58, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 55.8
Std Dev 3.003
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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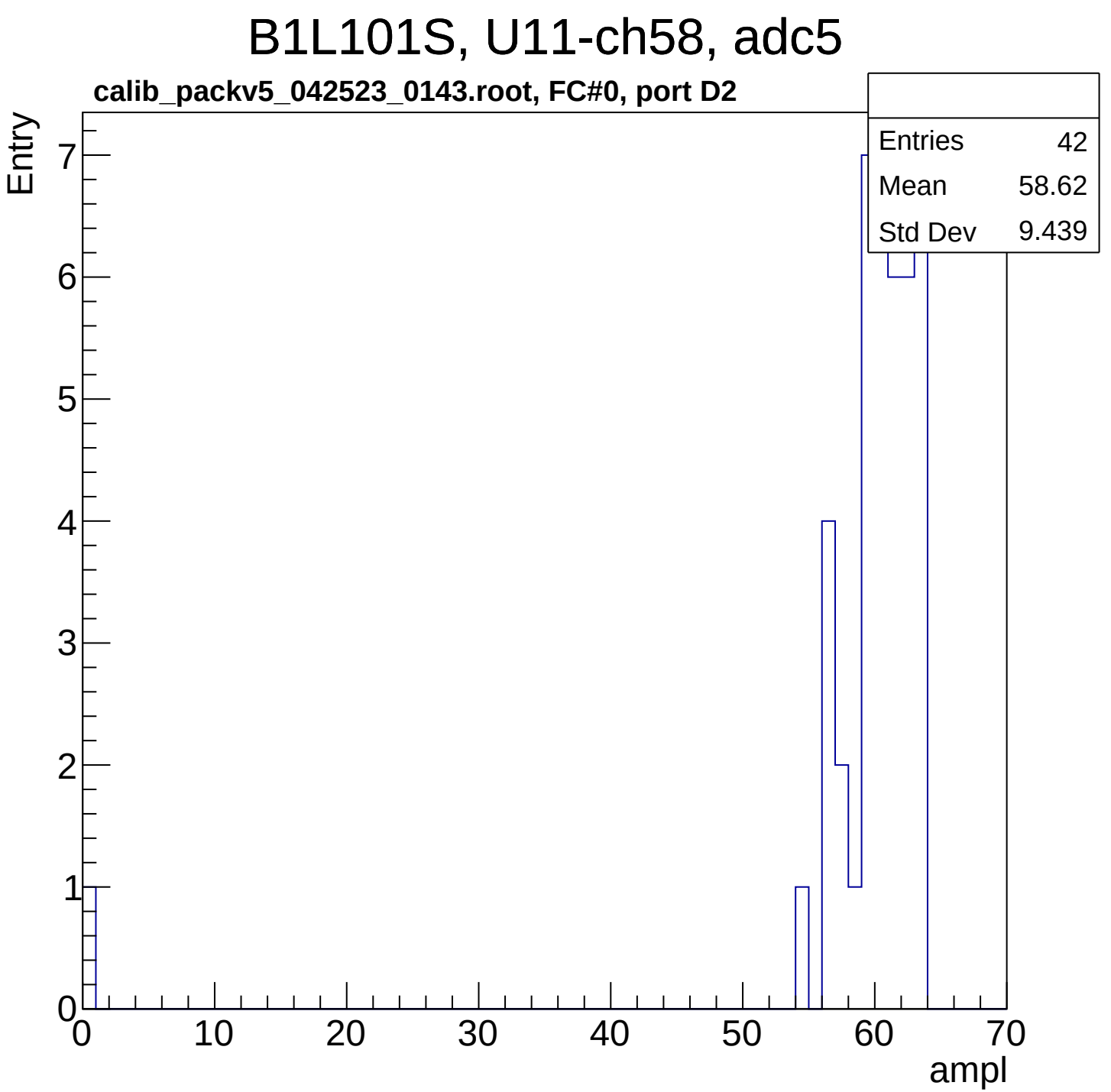
B1L101S, U11-ch58, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 42
Mean 58.62
Std Dev 9.439
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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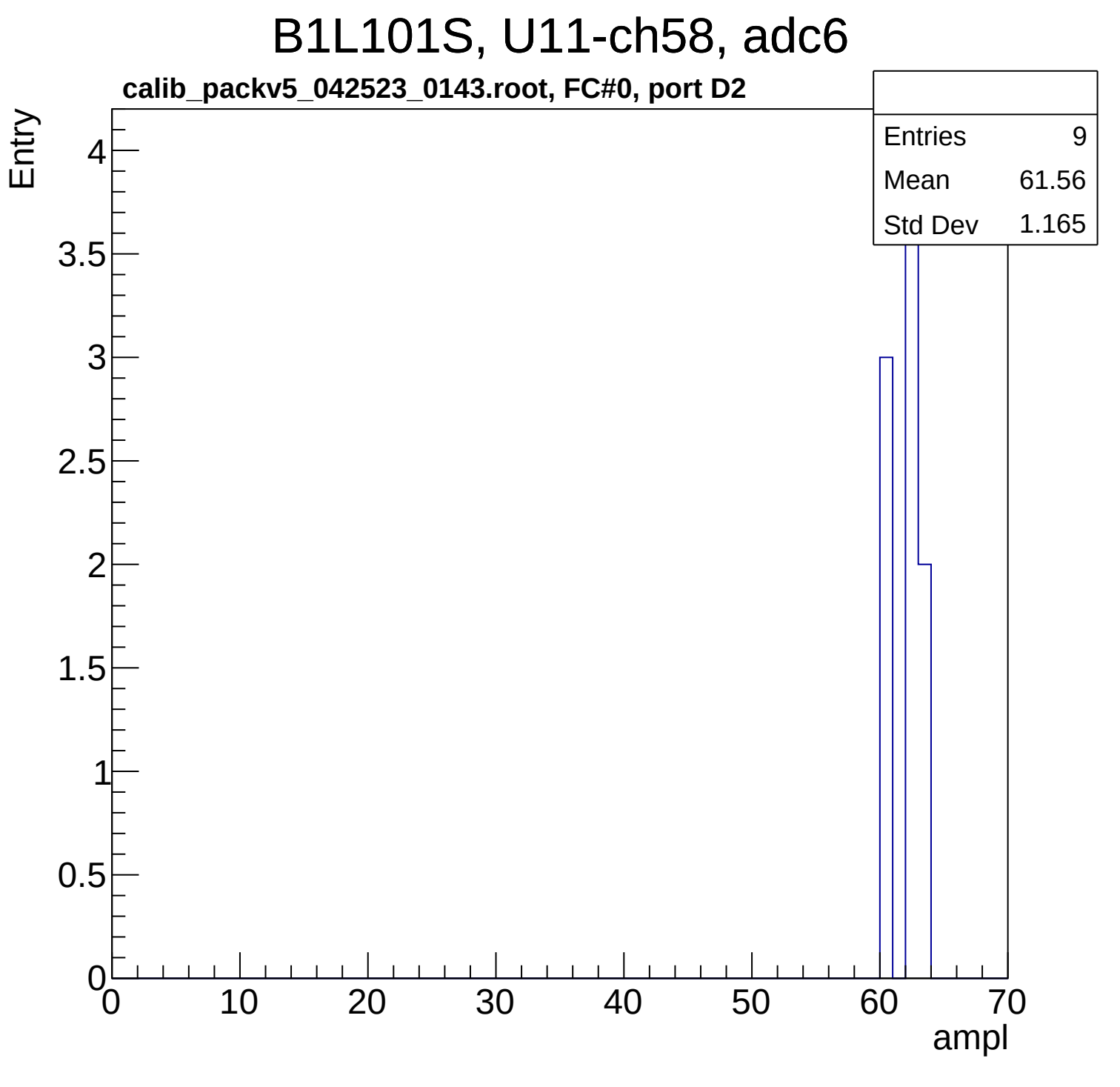
B1L101S, U11-ch58, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 9
Mean 61.56
Std Dev 1.165
Entry
ampl
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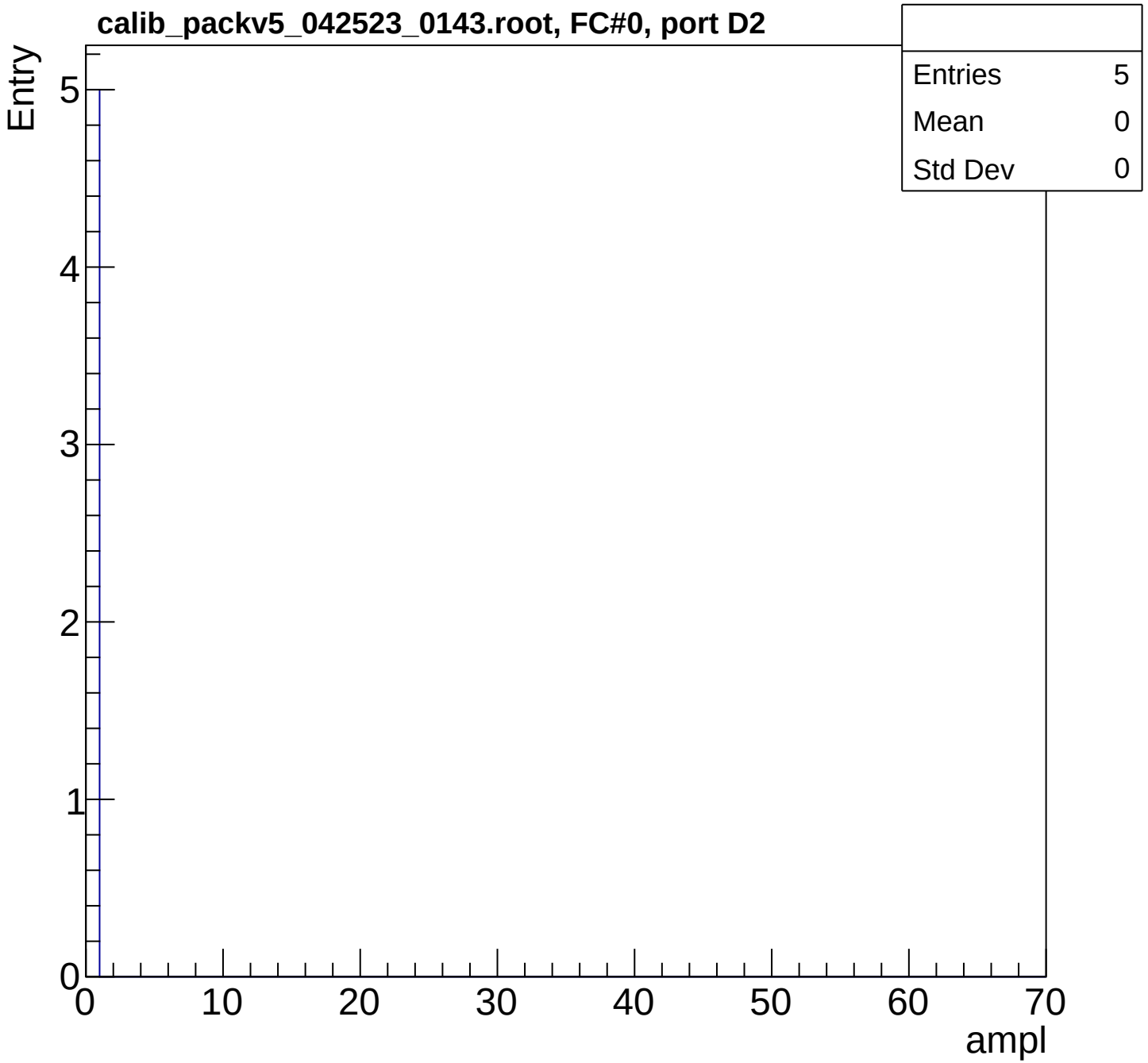
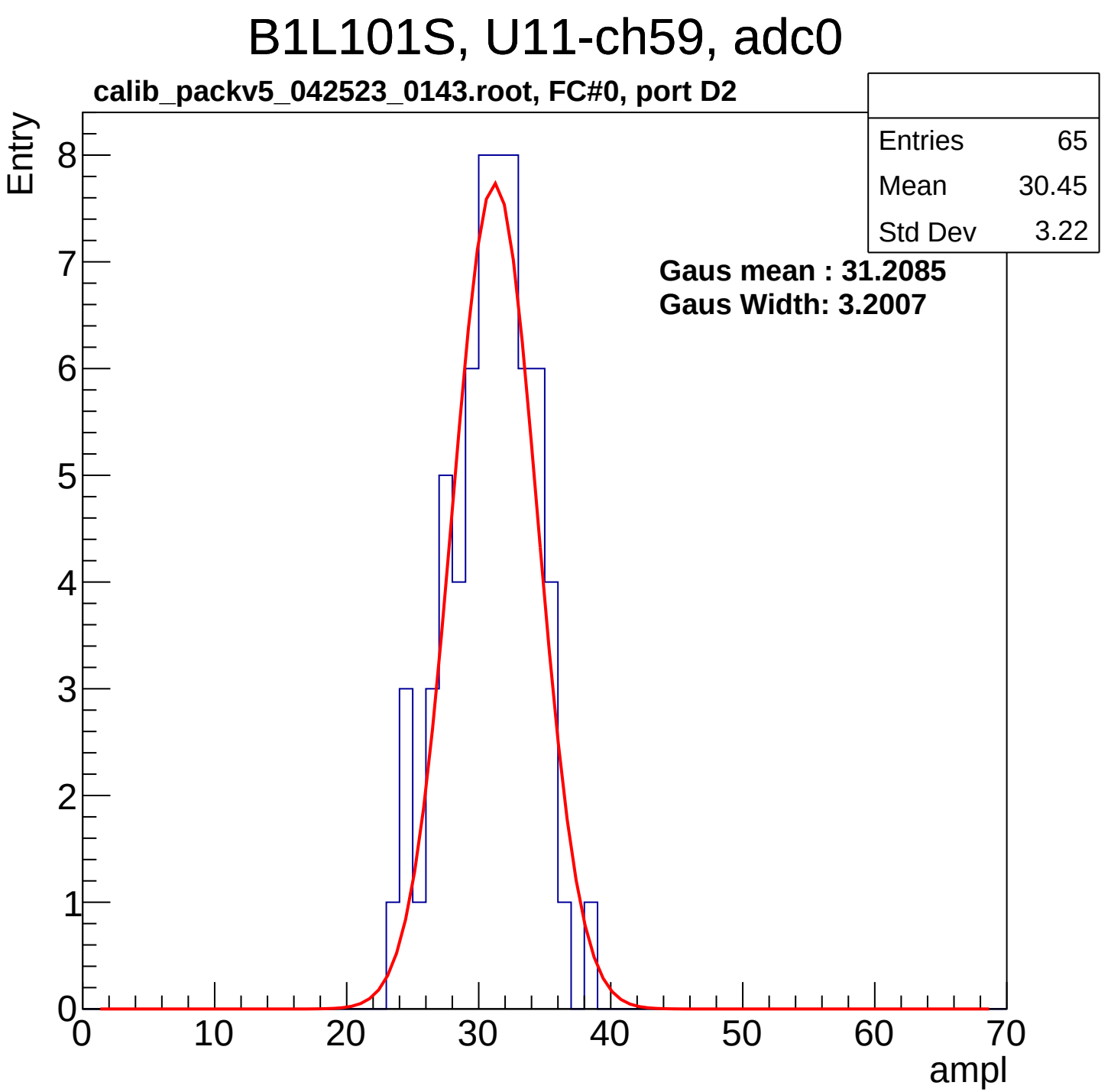
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L101S, U11-ch58, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 5
Mean 0
Std Dev 0
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch59, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 30.45
Std Dev 3.22
Gaus mean : 31.2085
Gaus Width: 3.2007
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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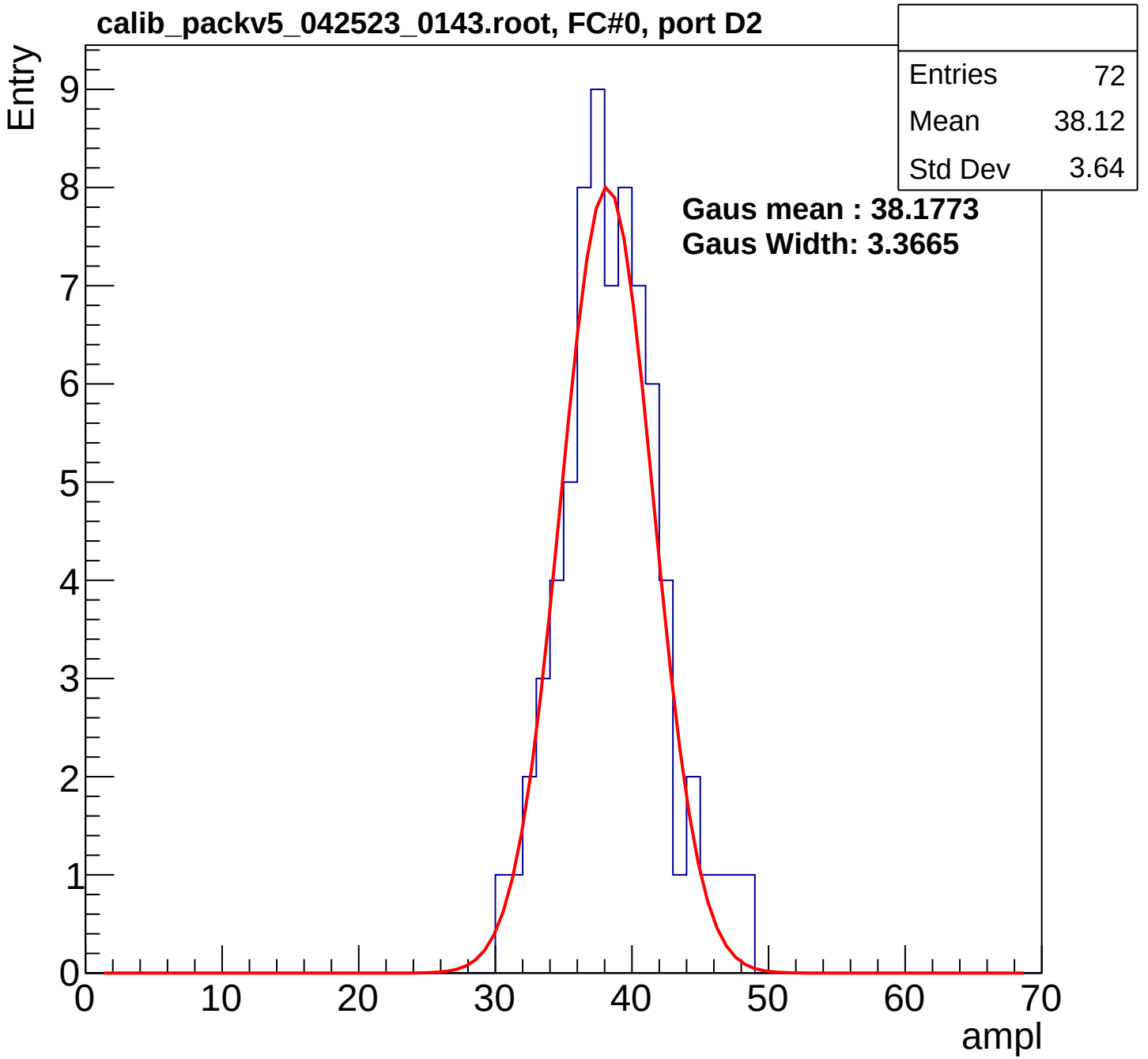
B1L101S, U11-ch59, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 38.12
Std Dev 3.64
Gaus mean : 38.1773
Gaus Width: 3.3665
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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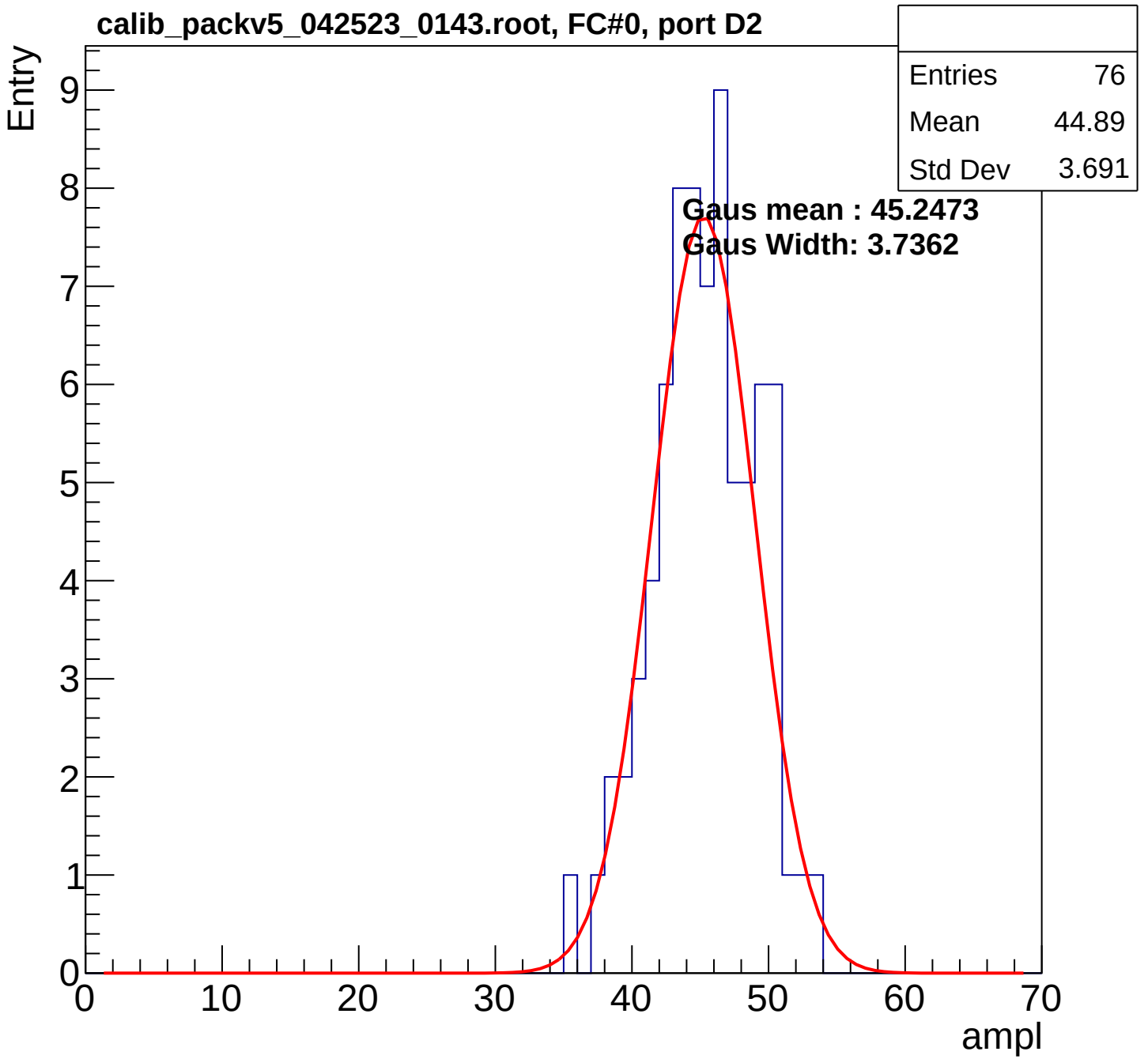
B1L101S, U11-ch59, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 44.89
Std Dev 3.691
Gaus mean : 45.2473
Gaus Width: 3.7362
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
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30
40
50
60
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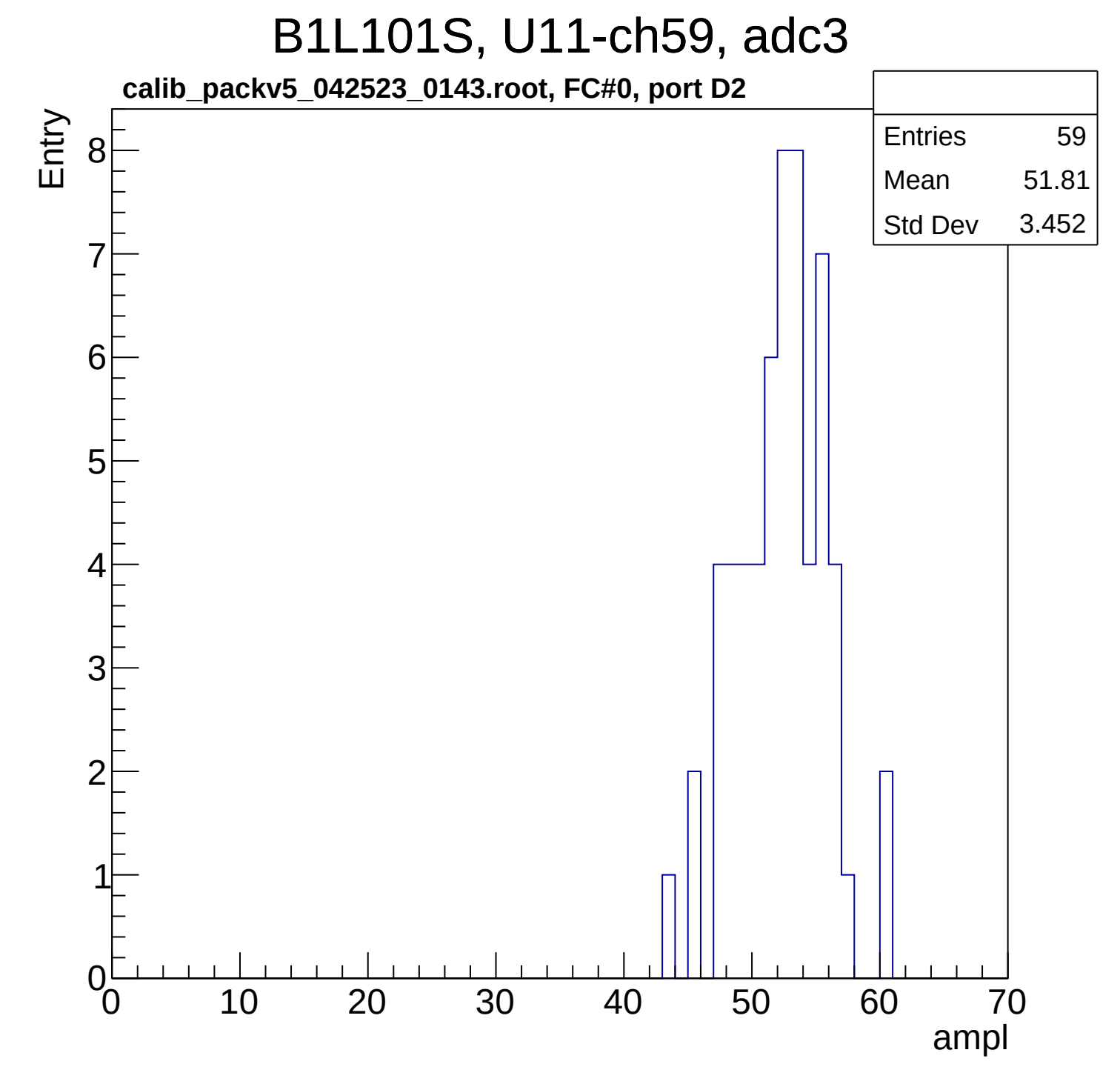
B1L101S, U11-ch59, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 51.81
Std Dev 3.452
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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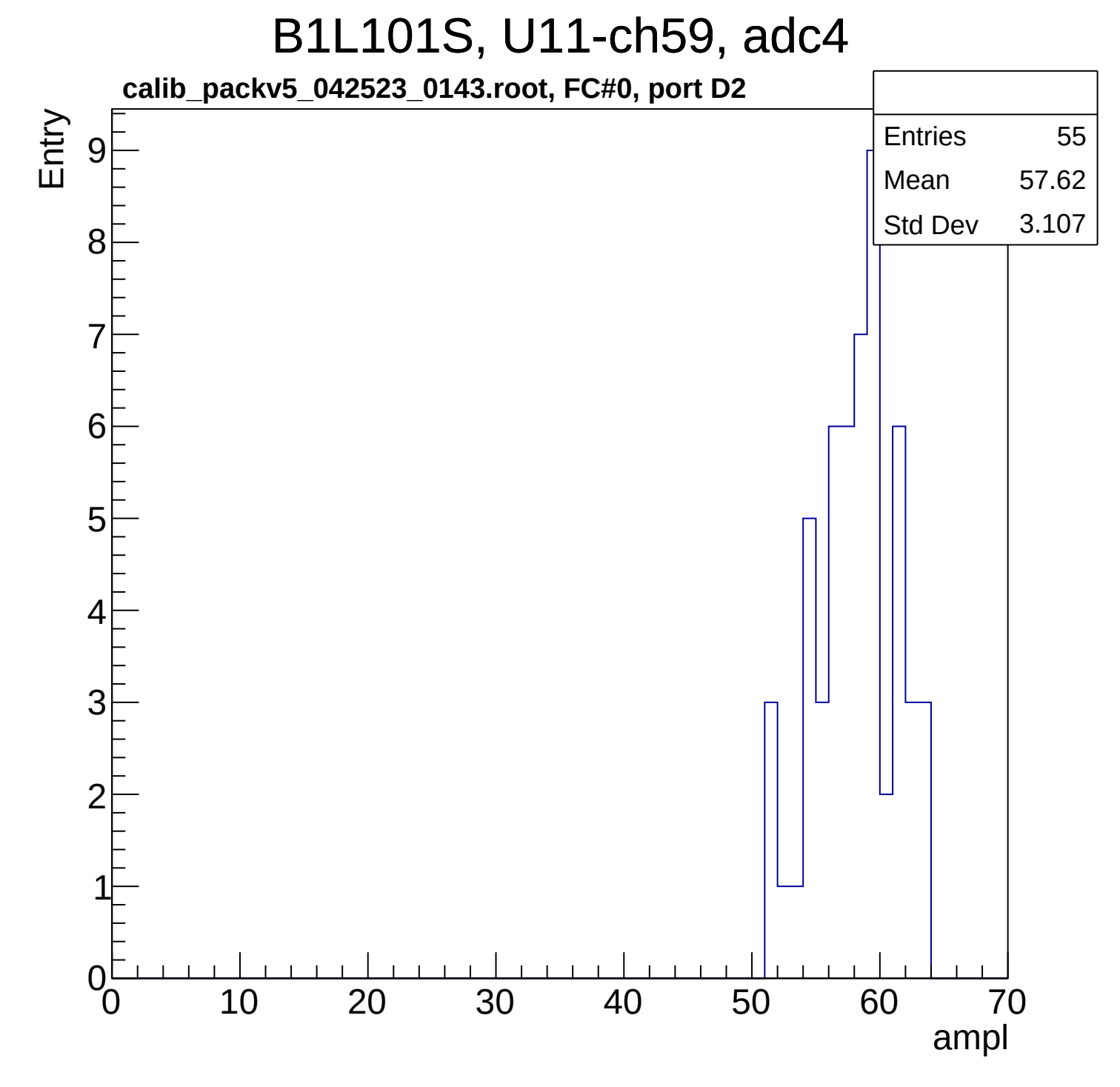
60
70


B1L101S, U11-ch59, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 57.62
Std Dev 3.107
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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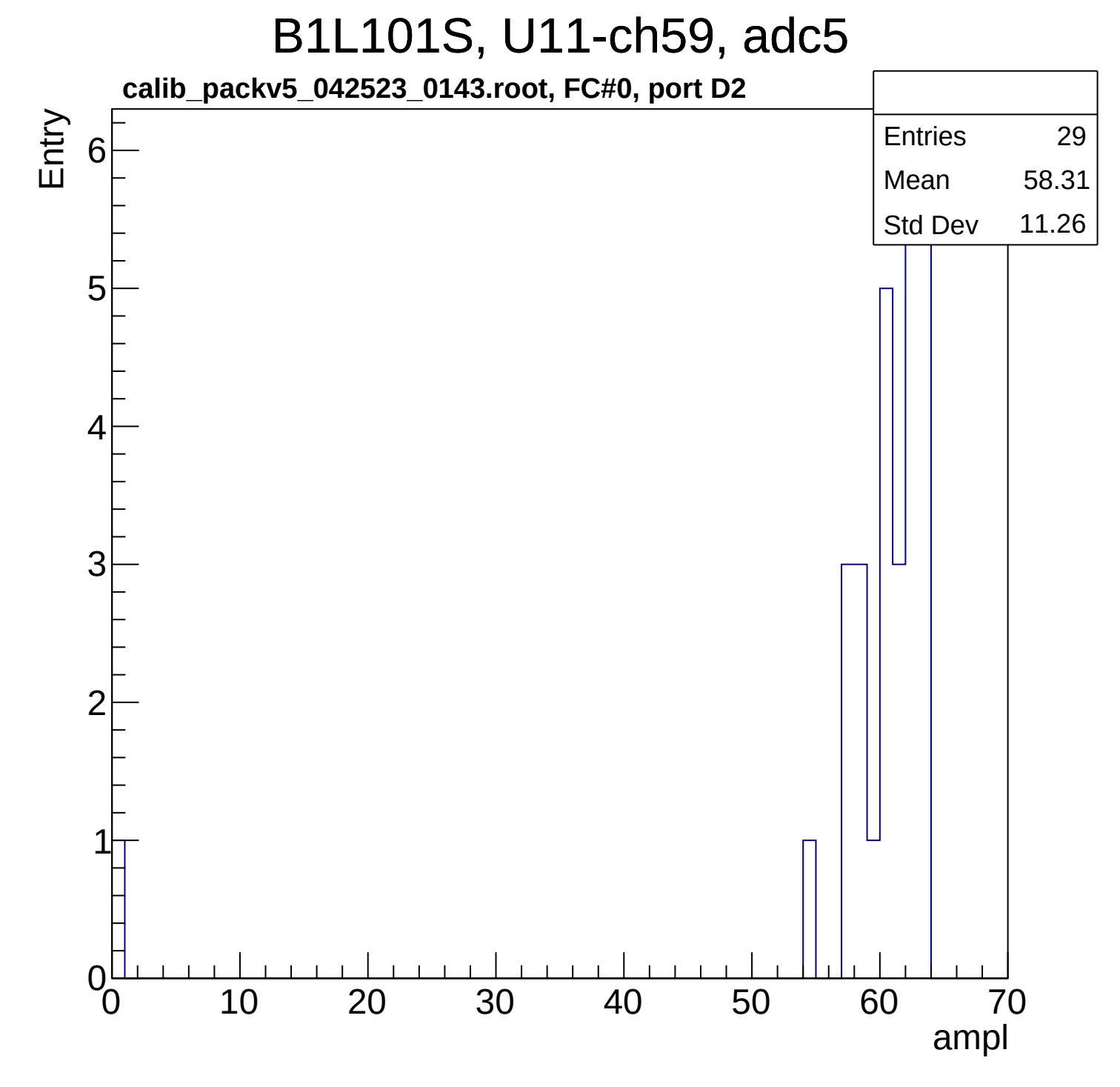
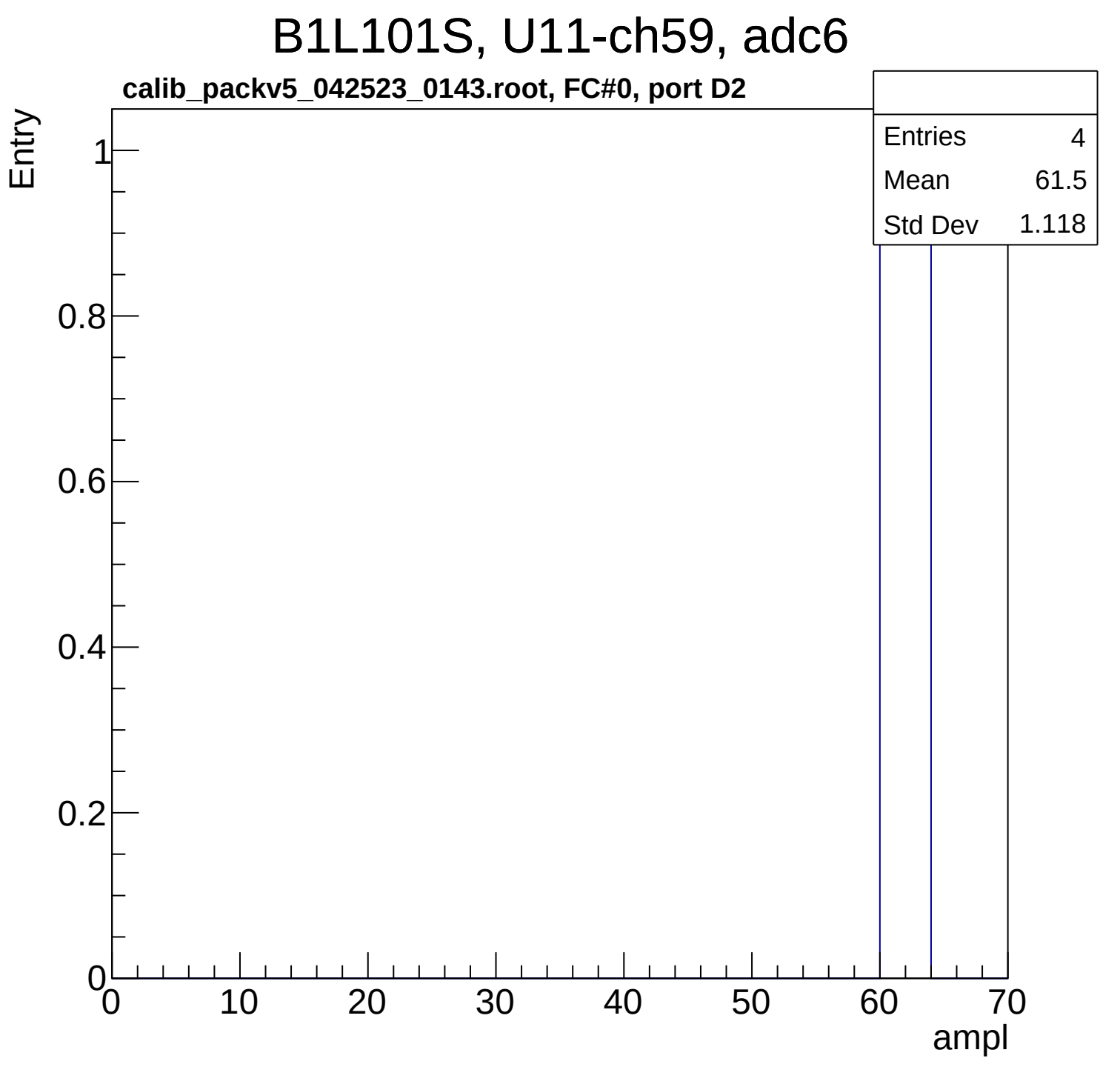

B1L101S, U11-ch59, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 29
Mean 58.31
Std Dev 11.26
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L101S, U11-ch59, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 61.5
Std Dev 1.118
Entry
1
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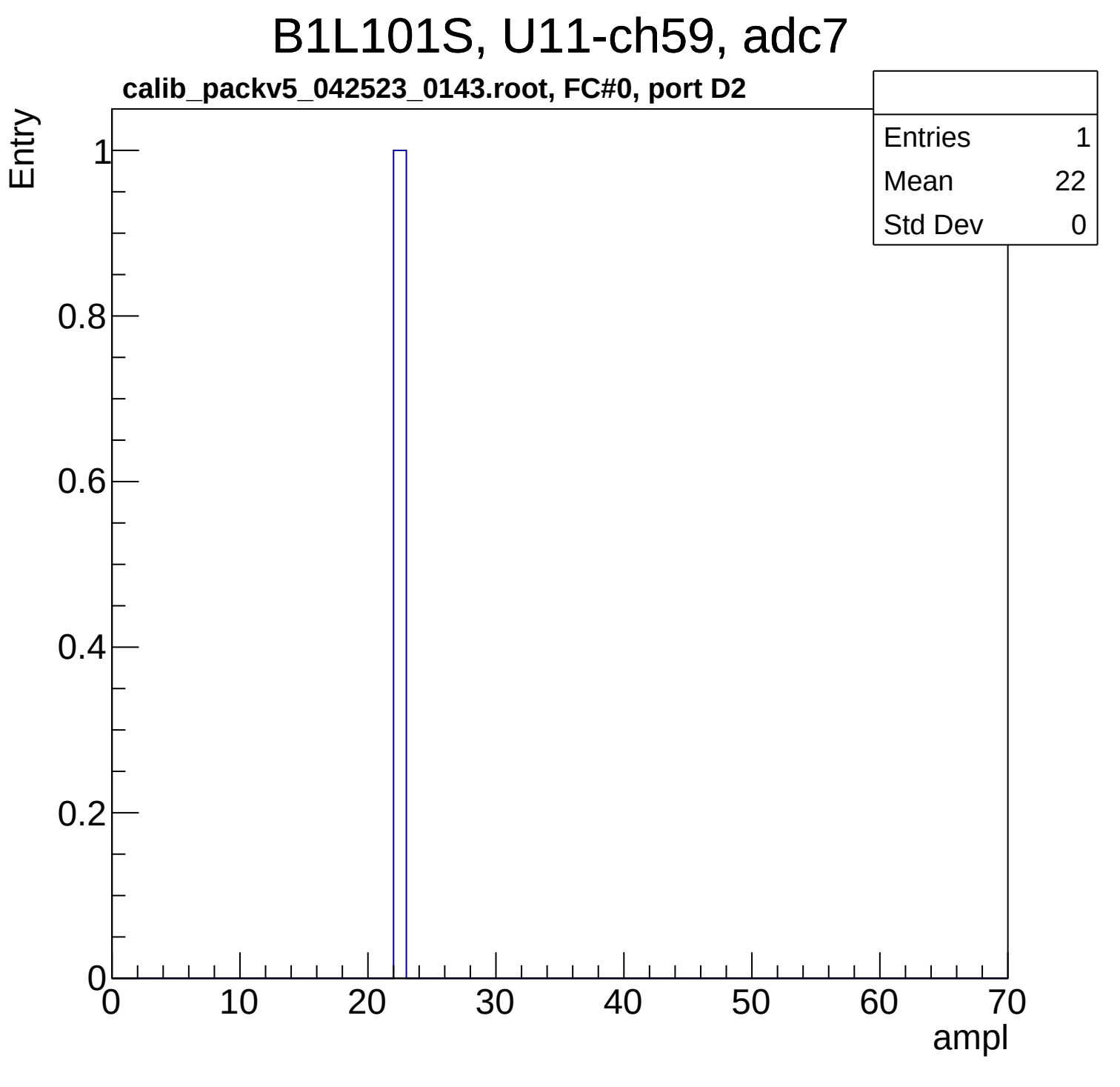
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch59, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 22
Std Dev 0
Entry
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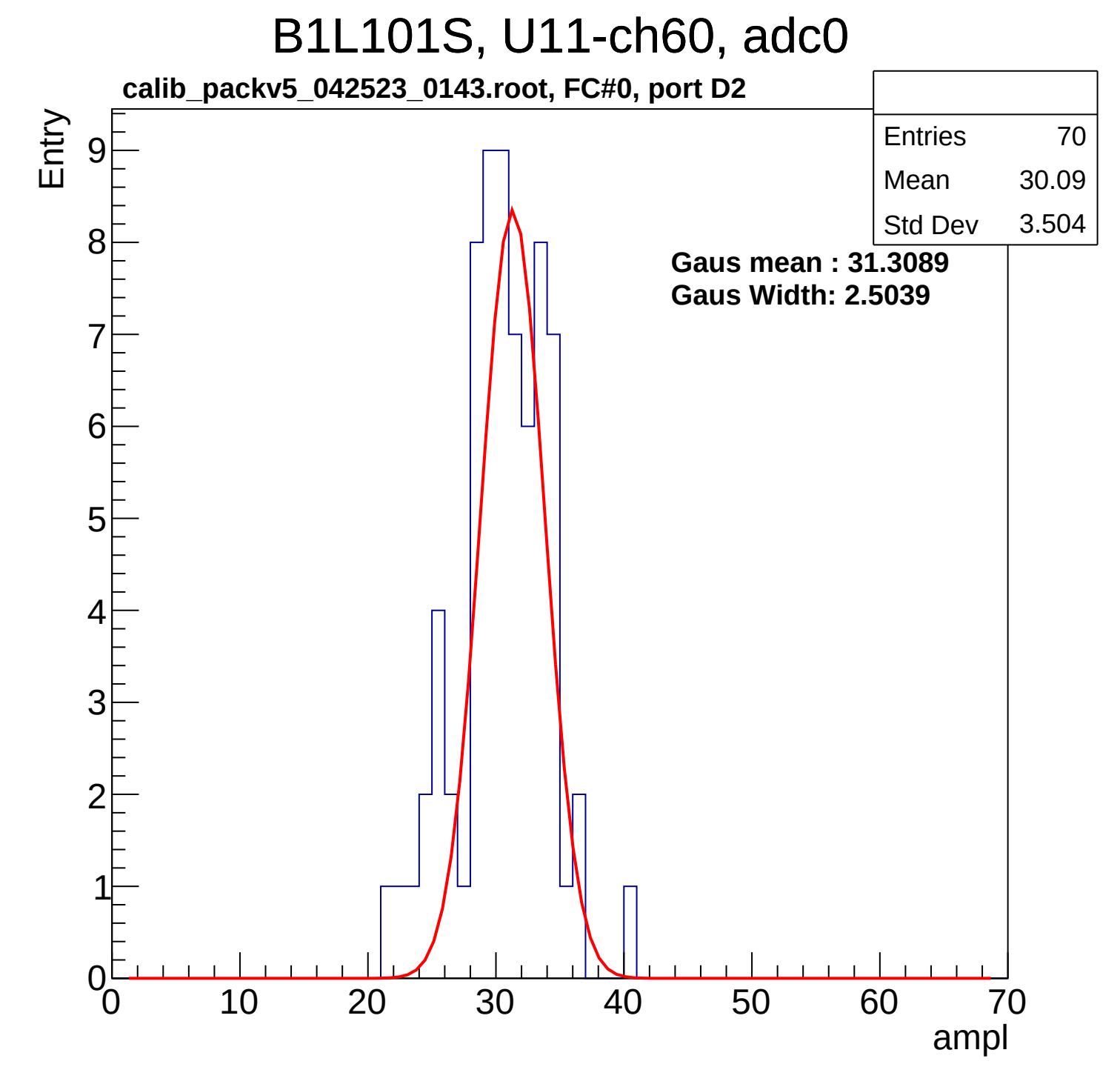
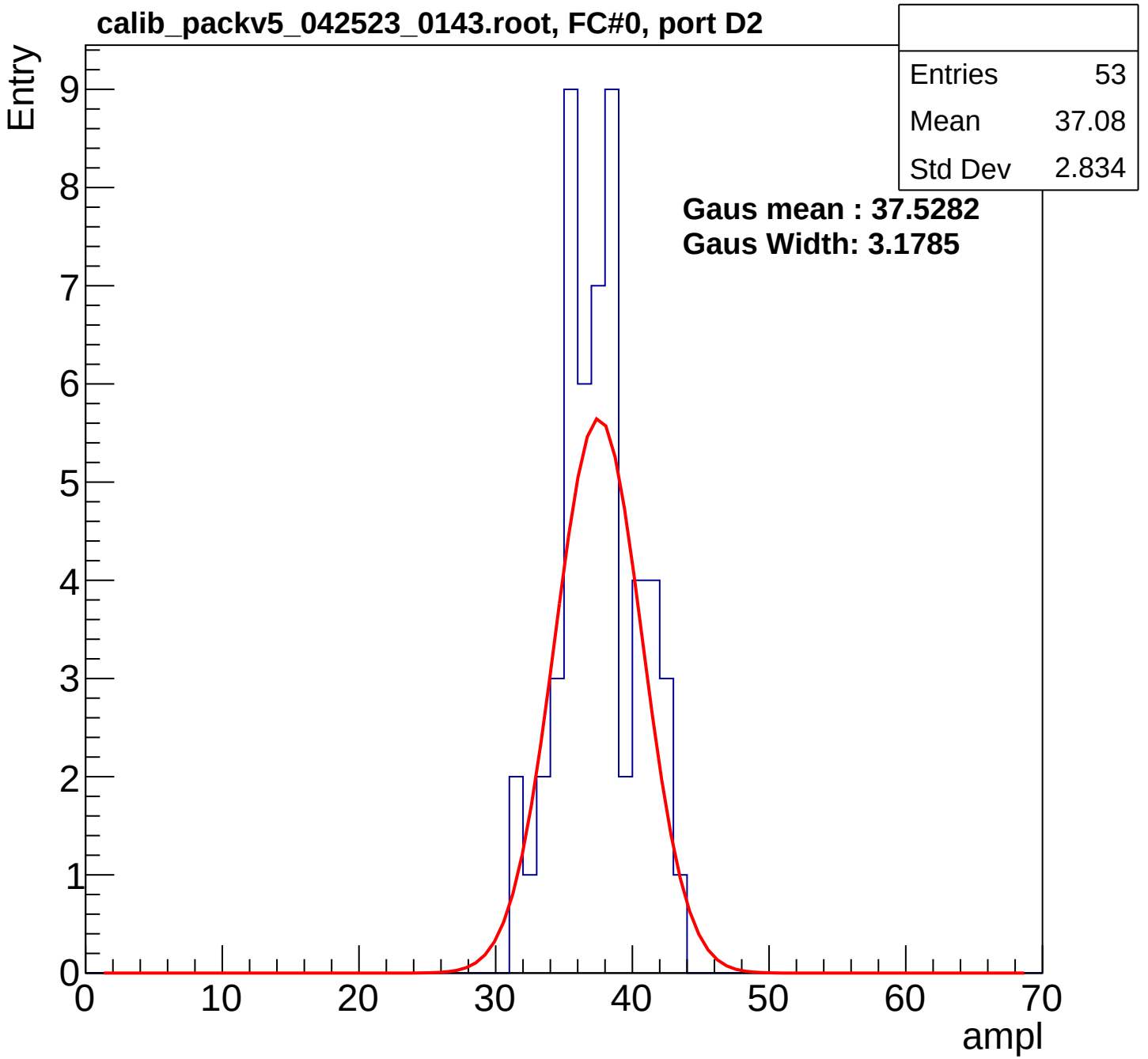
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch60, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 30.09
Std Dev 3.504
Gaus mean : 31.3089
Gaus Width: 2.5039
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch60, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 37.08
Std Dev 2.834
Gaus mean : 37.5282
Gaus Width: 3.1785
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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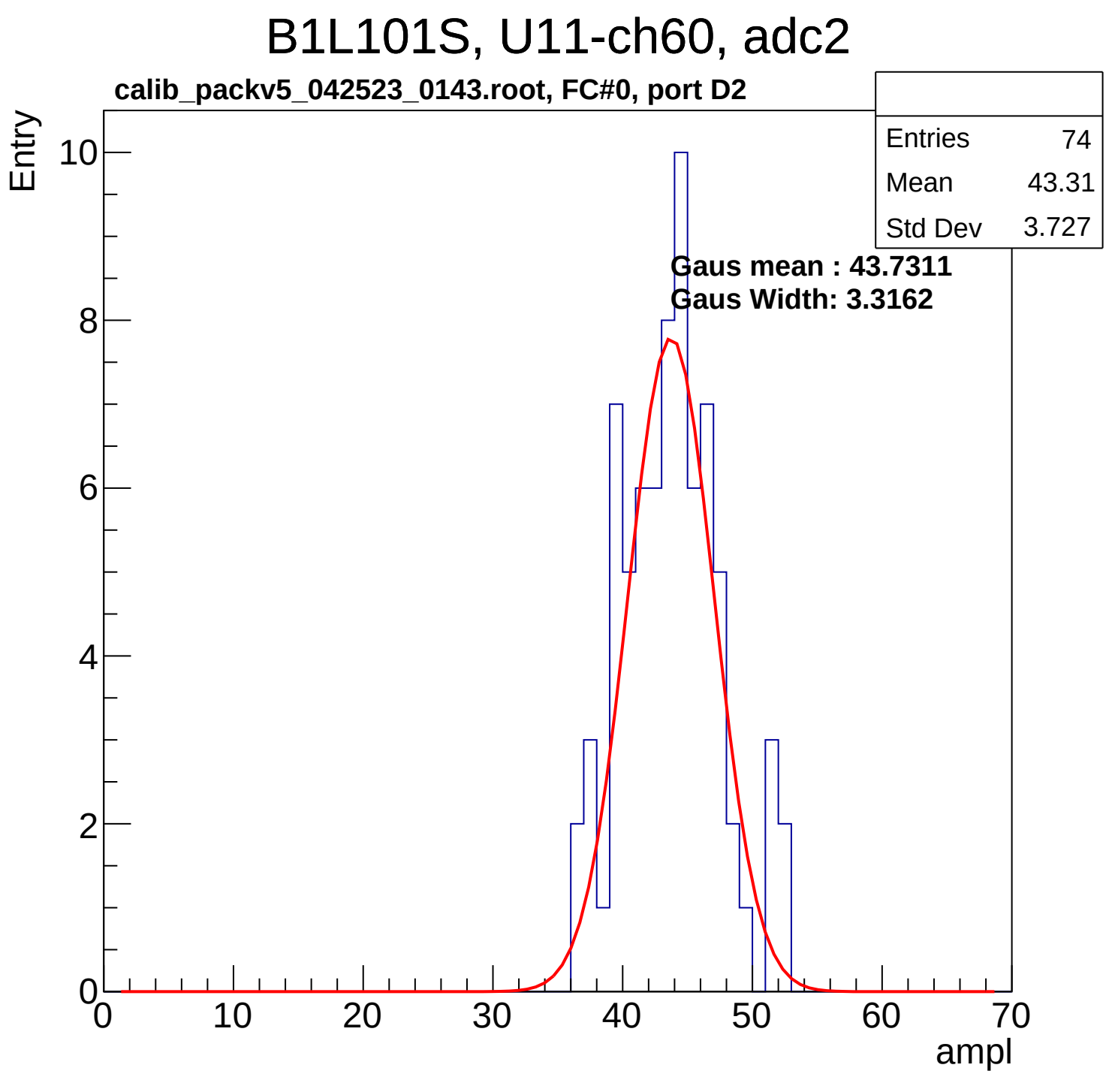
B1L101S, U11-ch60, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 74
Mean 43.31
Std Dev 3.727
Gaus mean : 43.7311
Gaus Width: 3.3162
Entry
ampl
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2
4
6
8
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0
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60
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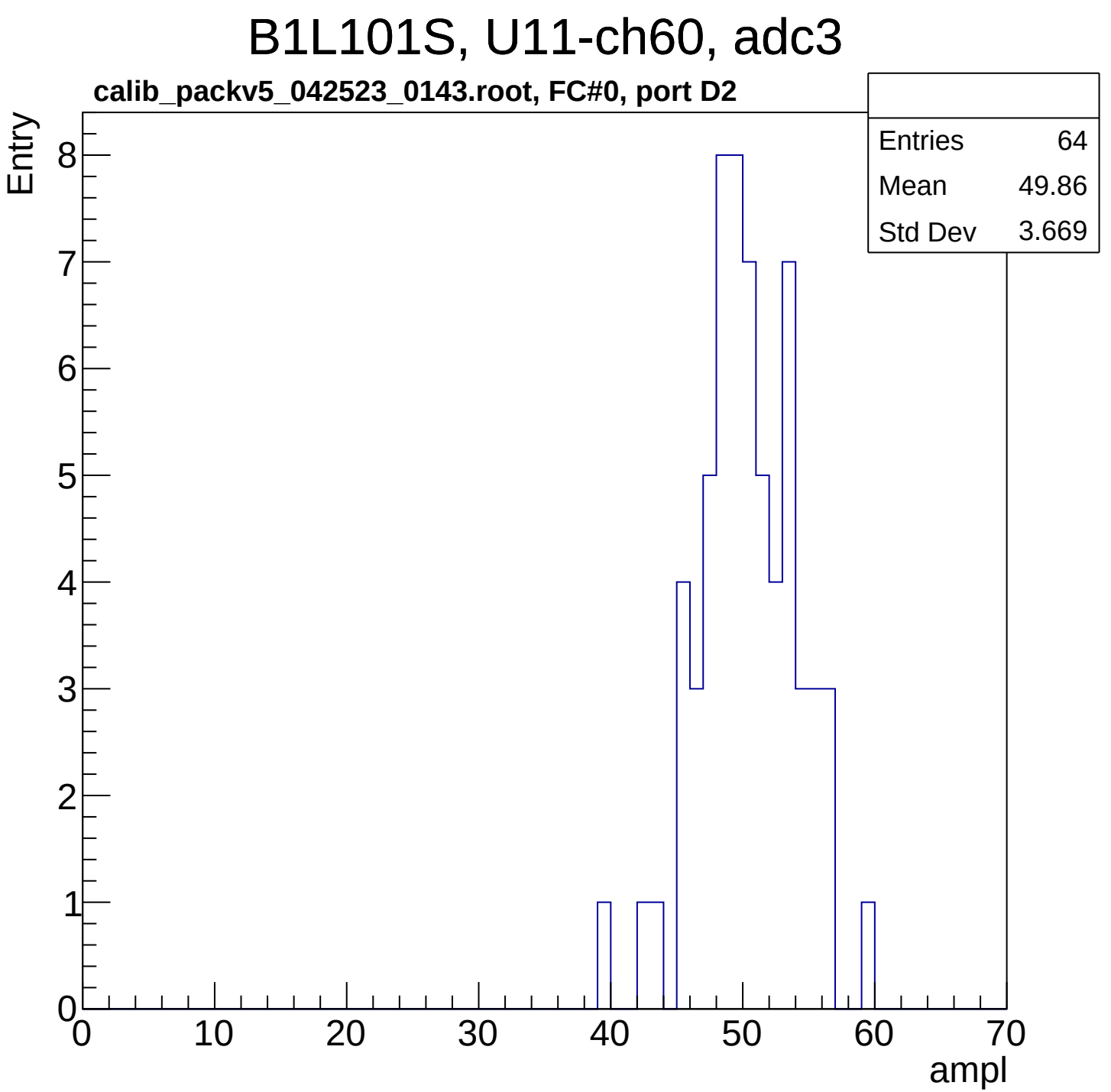
B1L101S, U11-ch60, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 49.86
Std Dev 3.669
Entry
ampl
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5
6
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0
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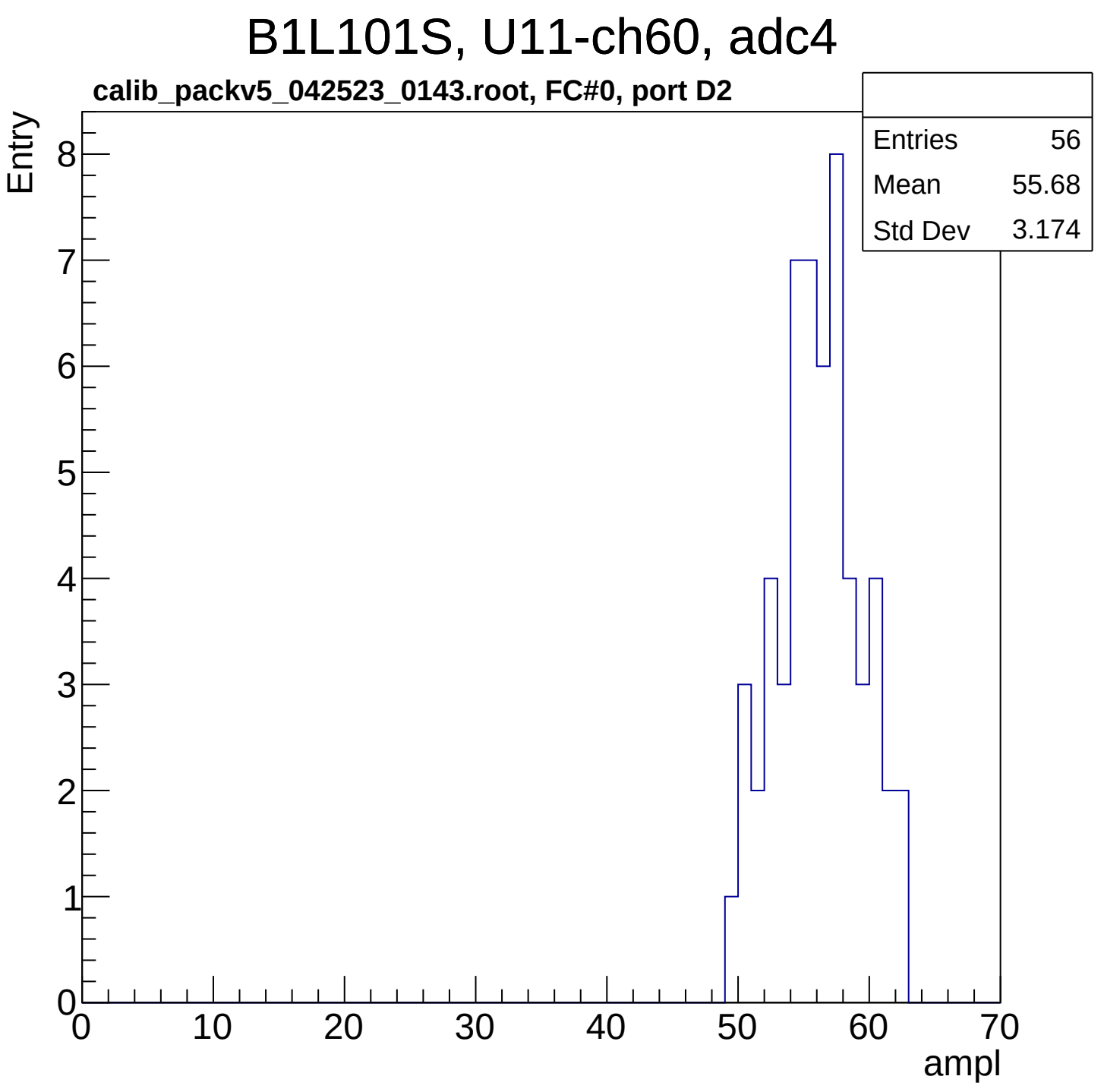
B1L101S, U11-ch60, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 55.68
Std Dev 3.174
Entry
ampl
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6
7
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0
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60
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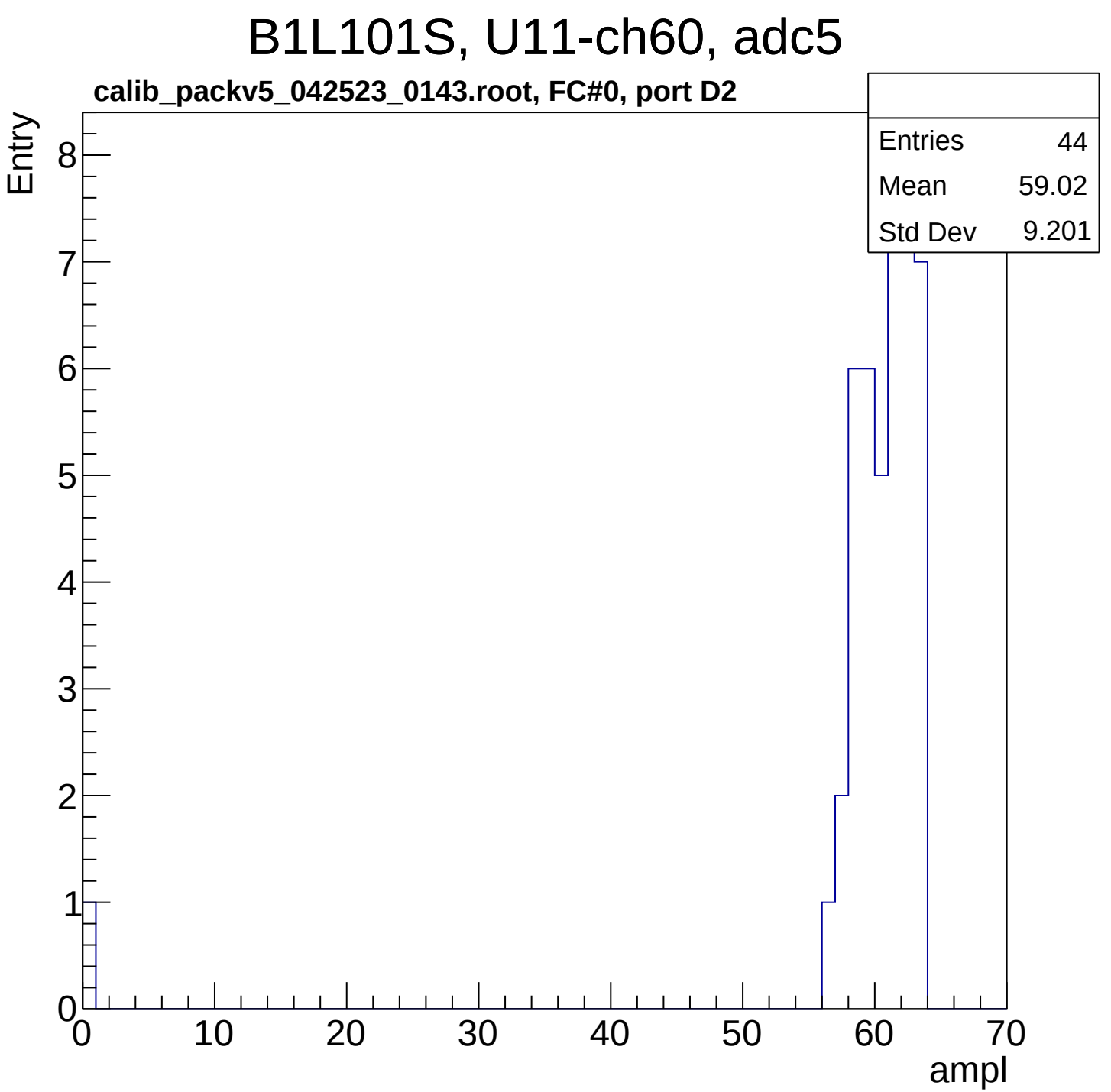
B1L101S, U11-ch60, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 44
Mean 59.02
Std Dev 9.201
Entry
ampl
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3
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5
6
7
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0
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60
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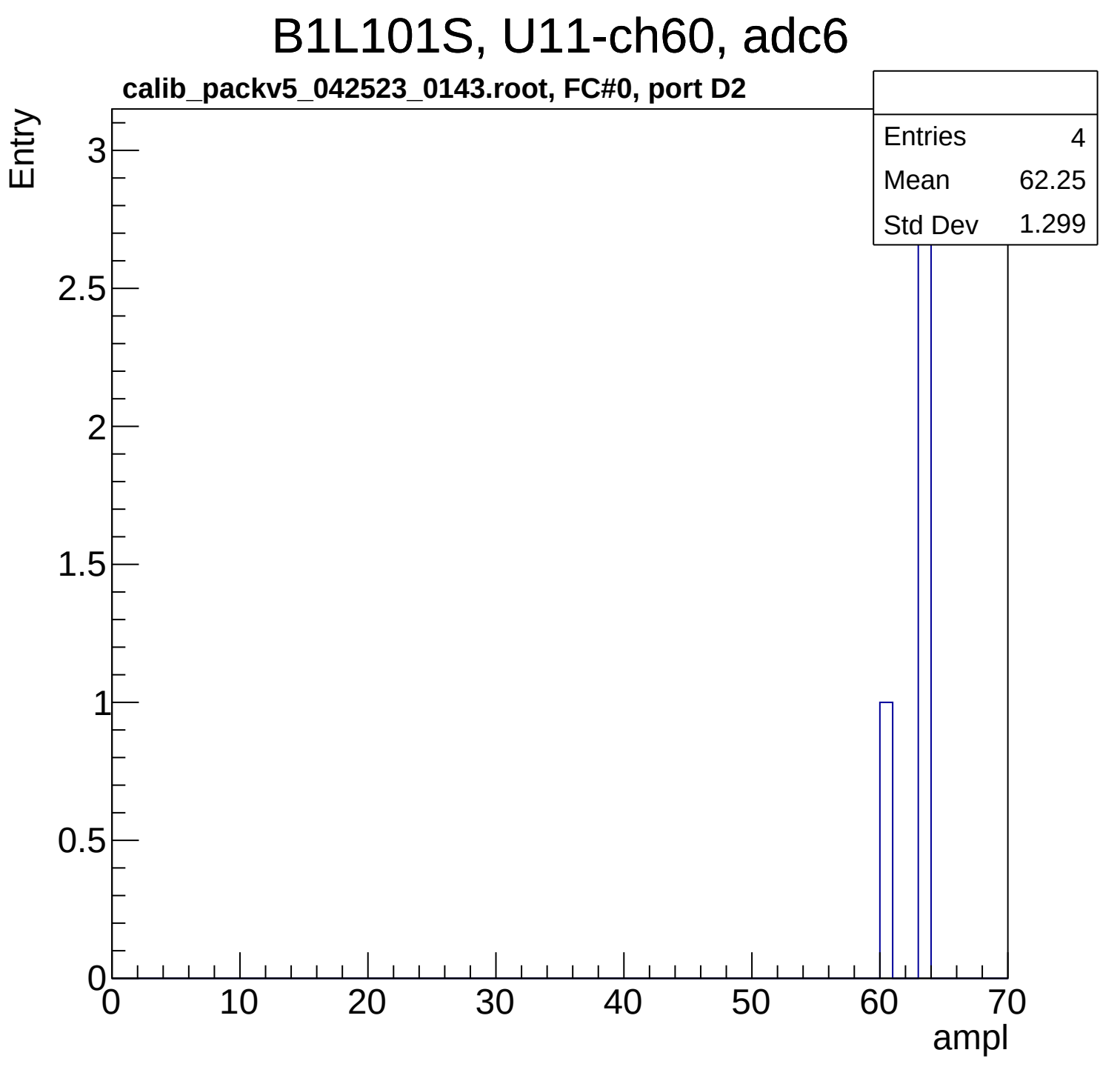
B1L101S, U11-ch60, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 62.25
Std Dev 1.299
Entry
ampl
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0.5
1
1.5
2
2.5
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0
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20
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40
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60
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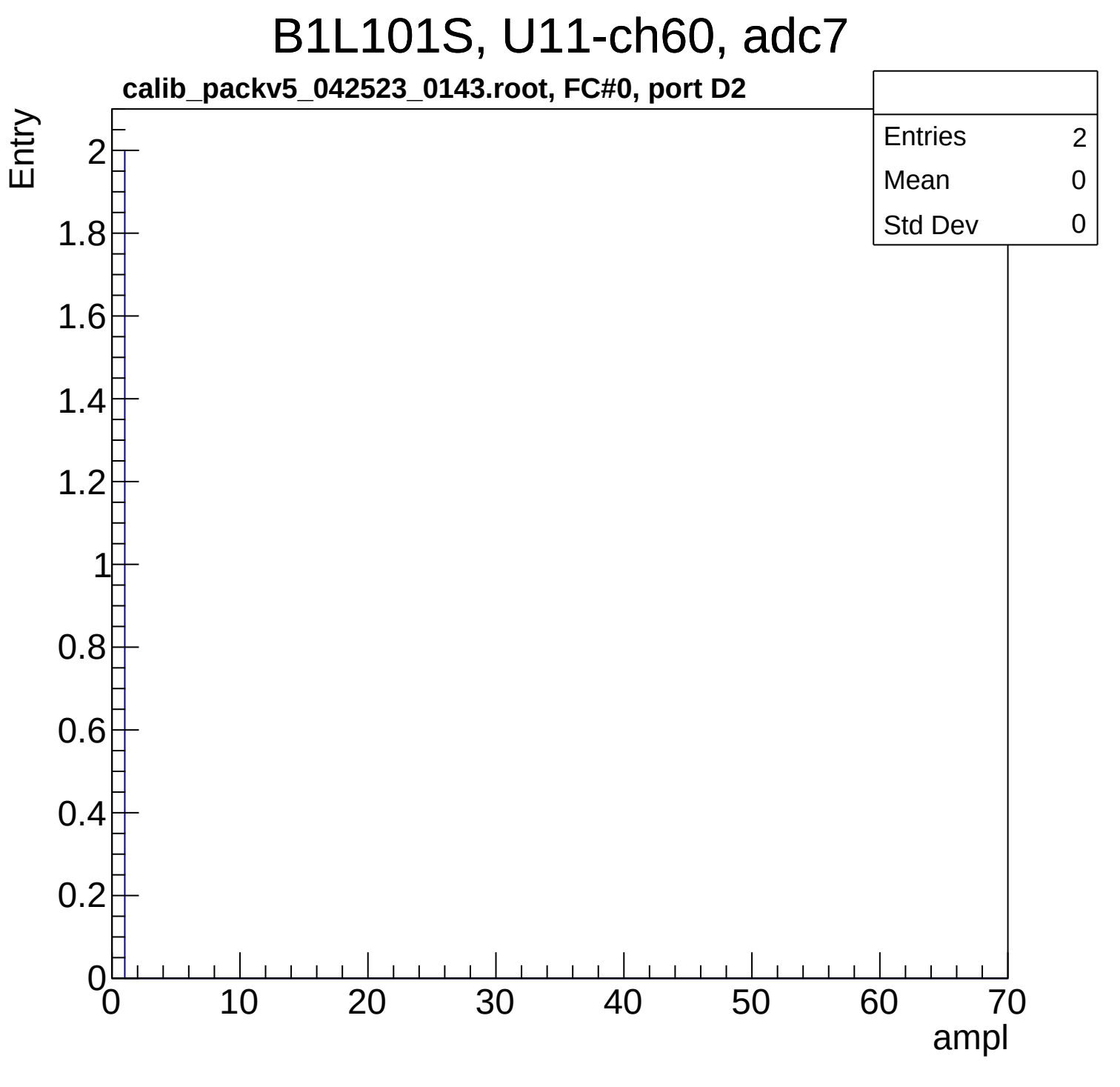
B1L101S, U11-ch60, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
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1.2
1.4
1.6
1.8
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0
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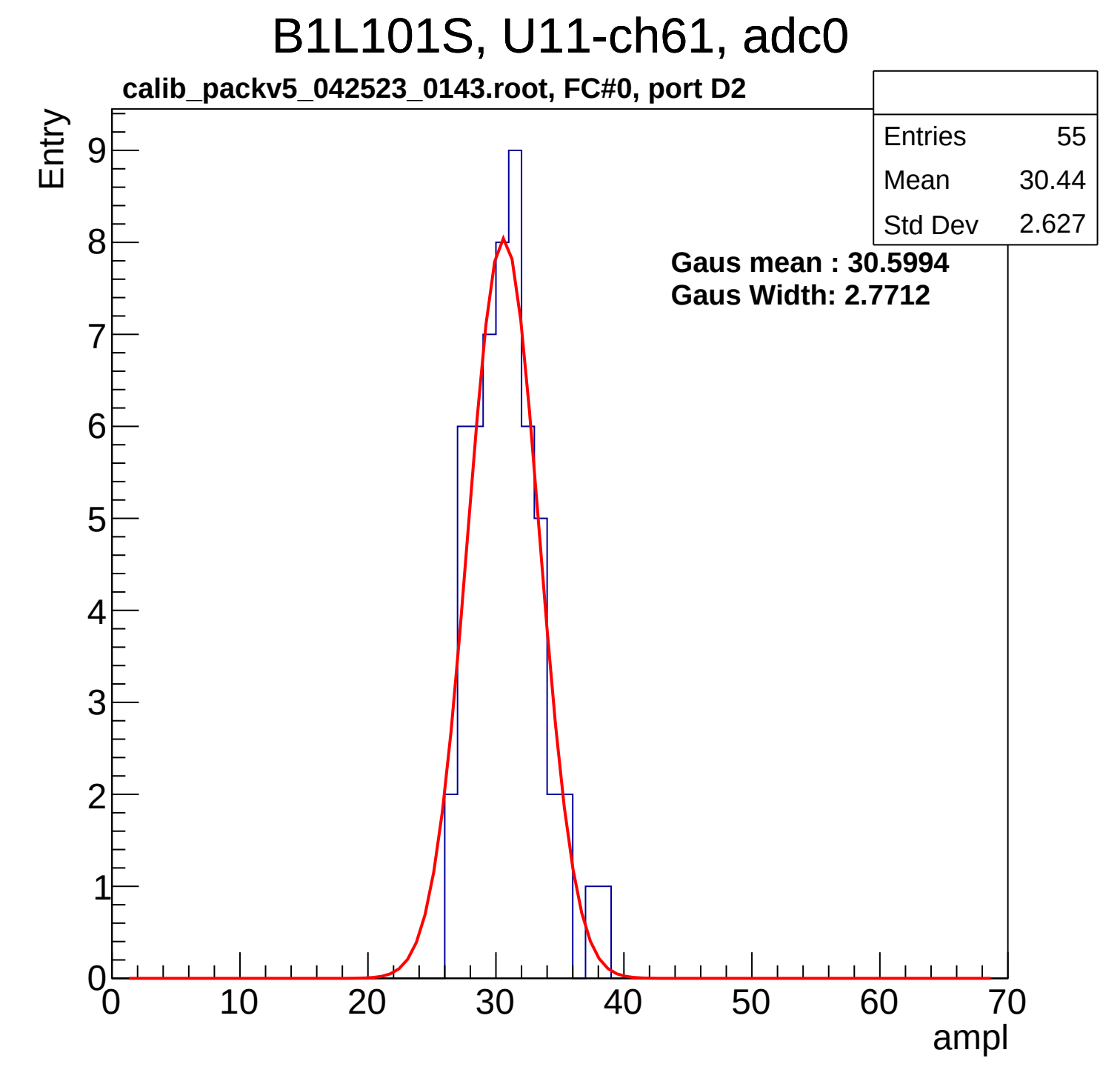
B1L101S, U11-ch61, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 30.44
Std Dev 2.627
Gaus mean : 30.5994
Gaus Width: 2.7712
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
50
60
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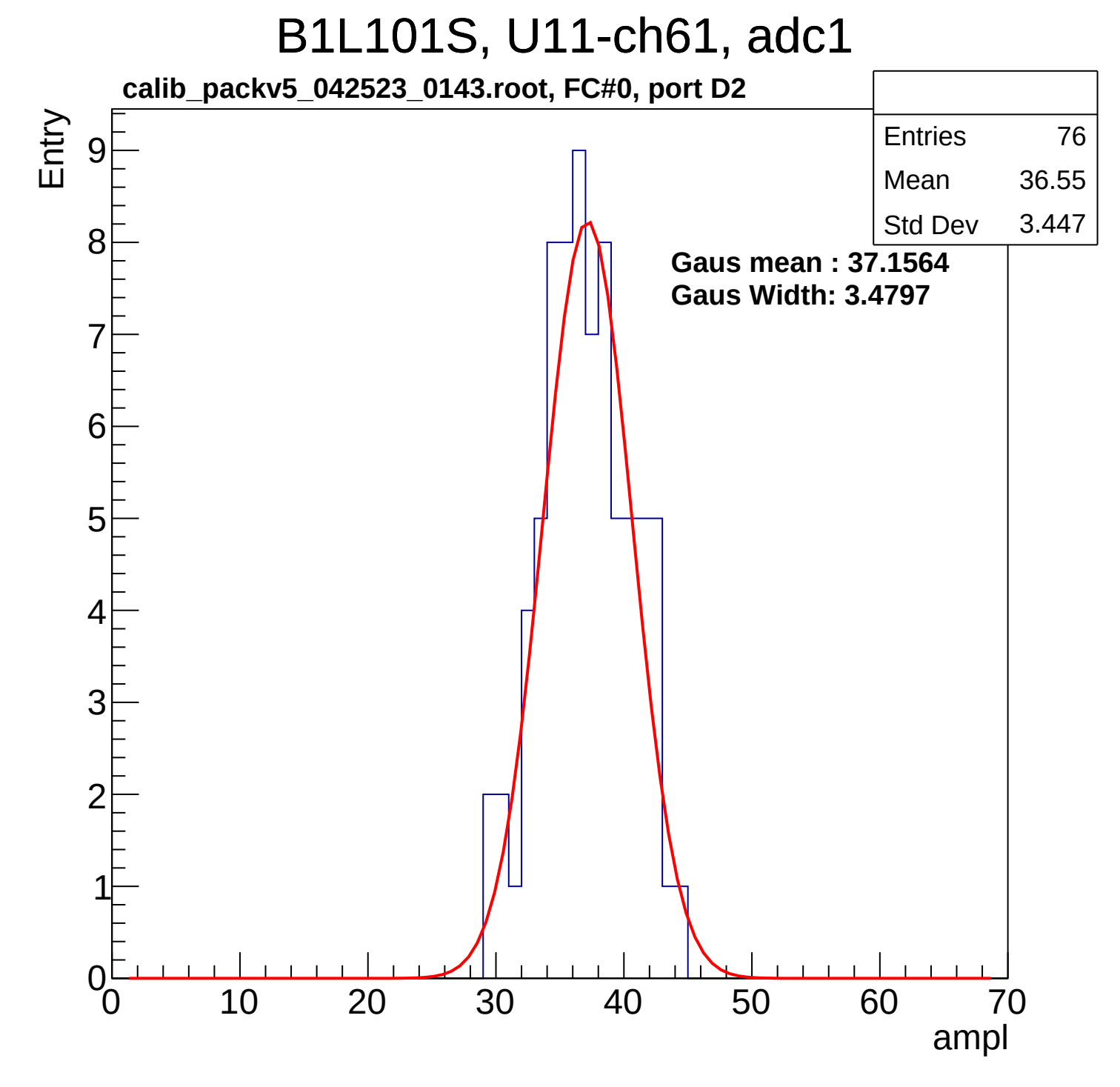
B1L101S, U11-ch61, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 36.55
Std Dev 3.447
Gaus mean : 37.1564
Gaus Width: 3.4797
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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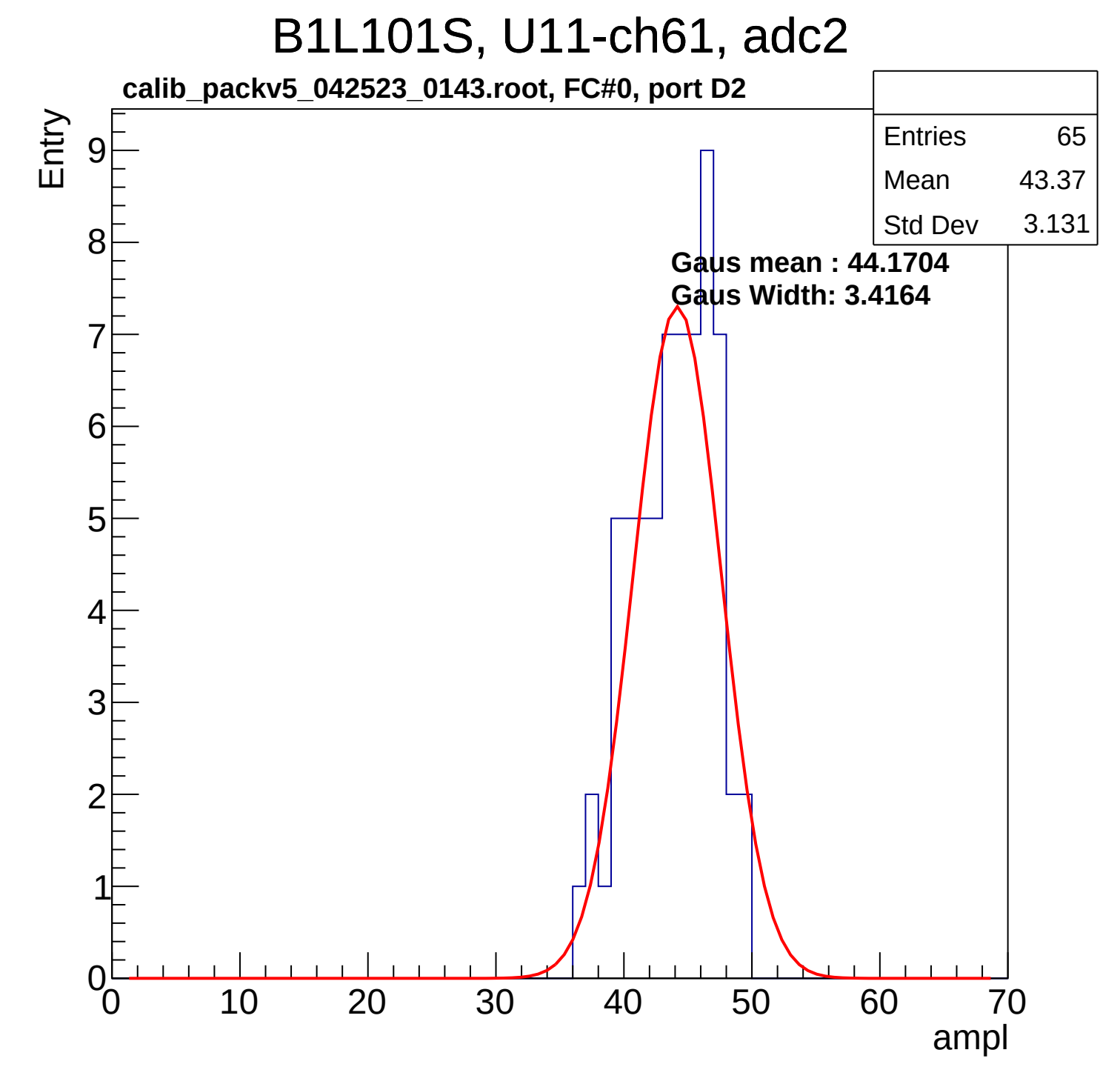
B1L101S, U11-ch61, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 43.37
Std Dev 3.131
Gaus mean : 44.1704
Gaus Width: 3.4164
Entry
ampl
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3
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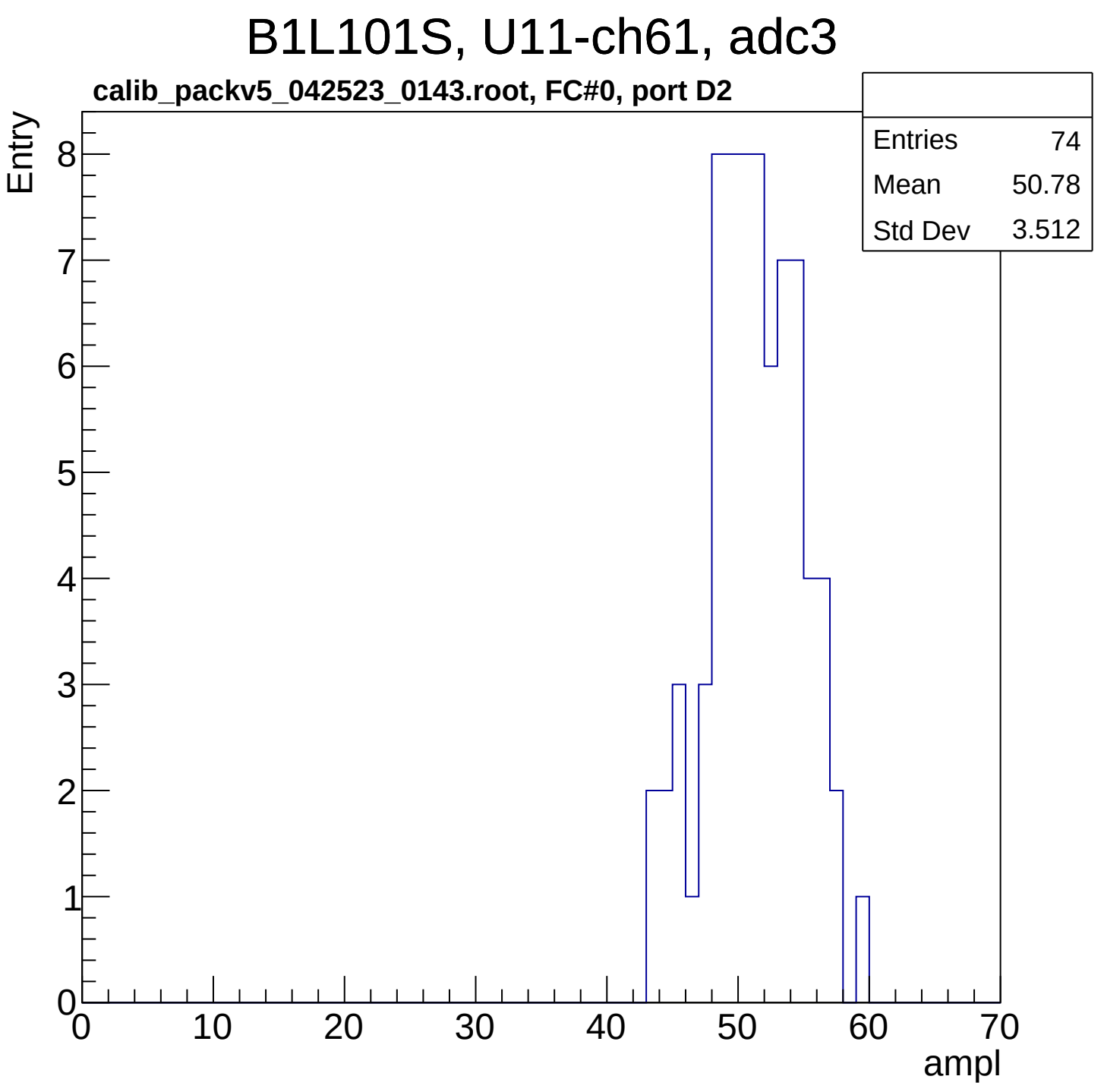
B1L101S, U11-ch61, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 74
Mean 50.78
Std Dev 3.512
Entry
ampl
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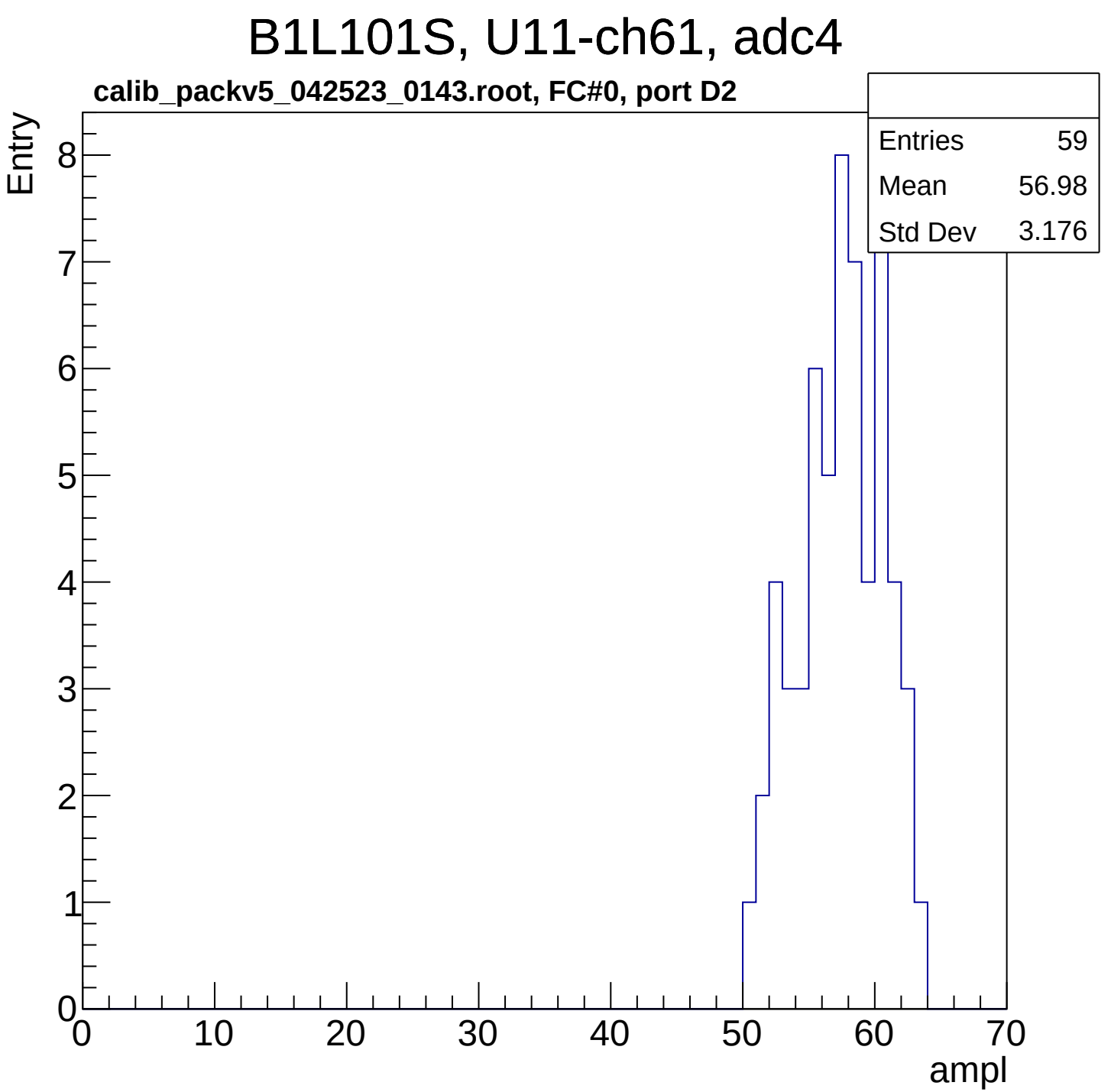
B1L101S, U11-ch61, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 56.98
Std Dev 3.176
Entry
ampl
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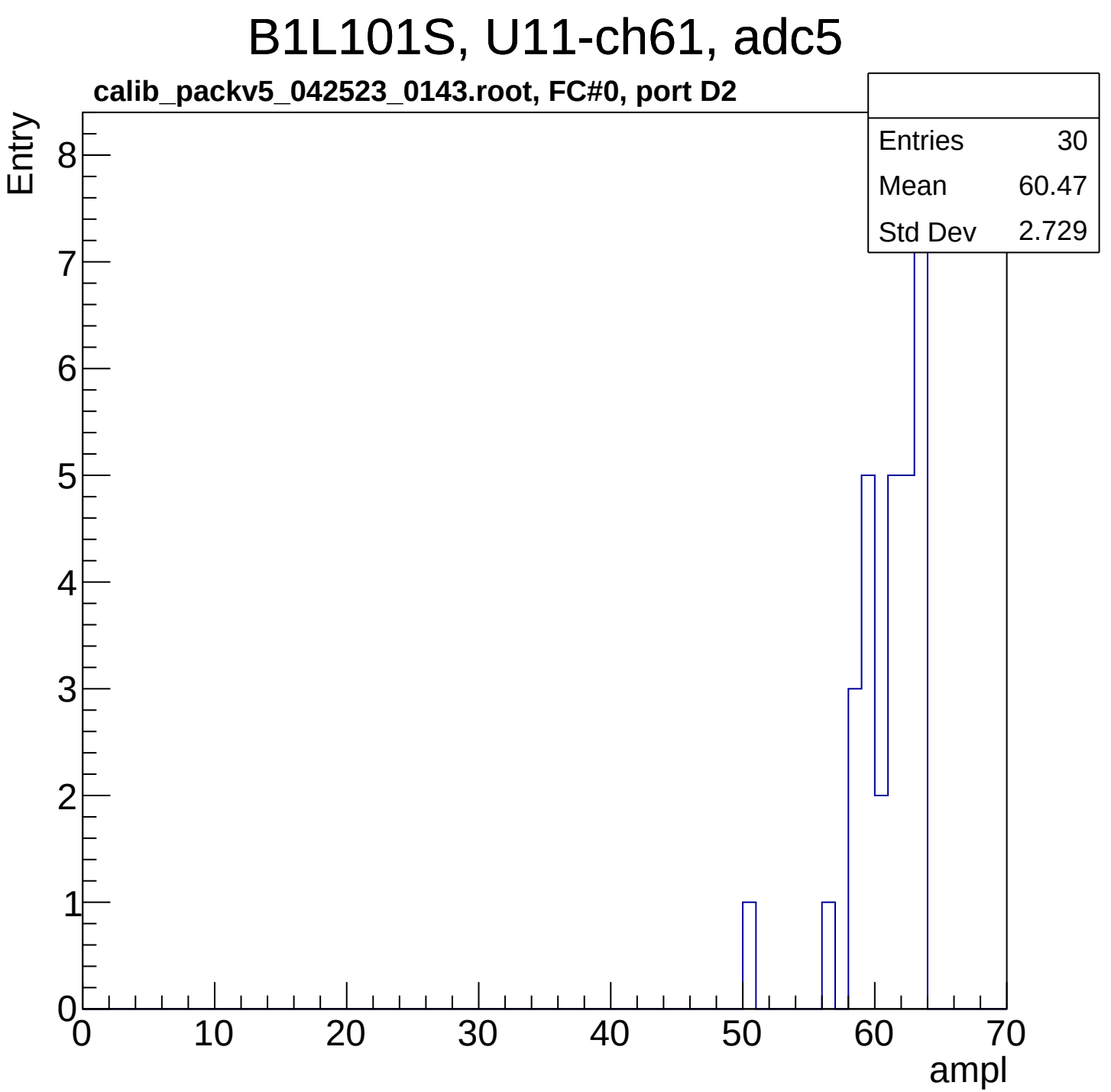
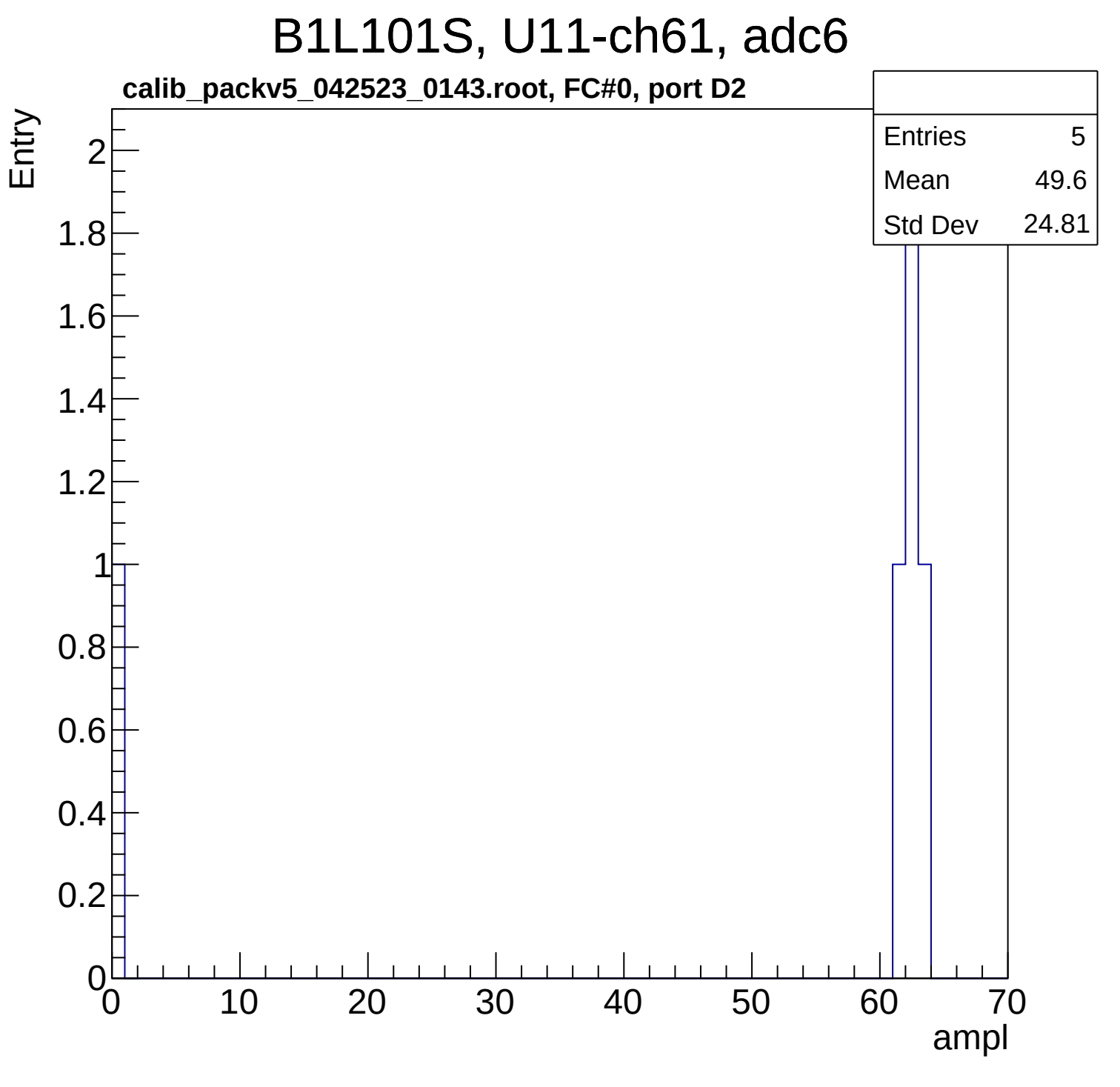
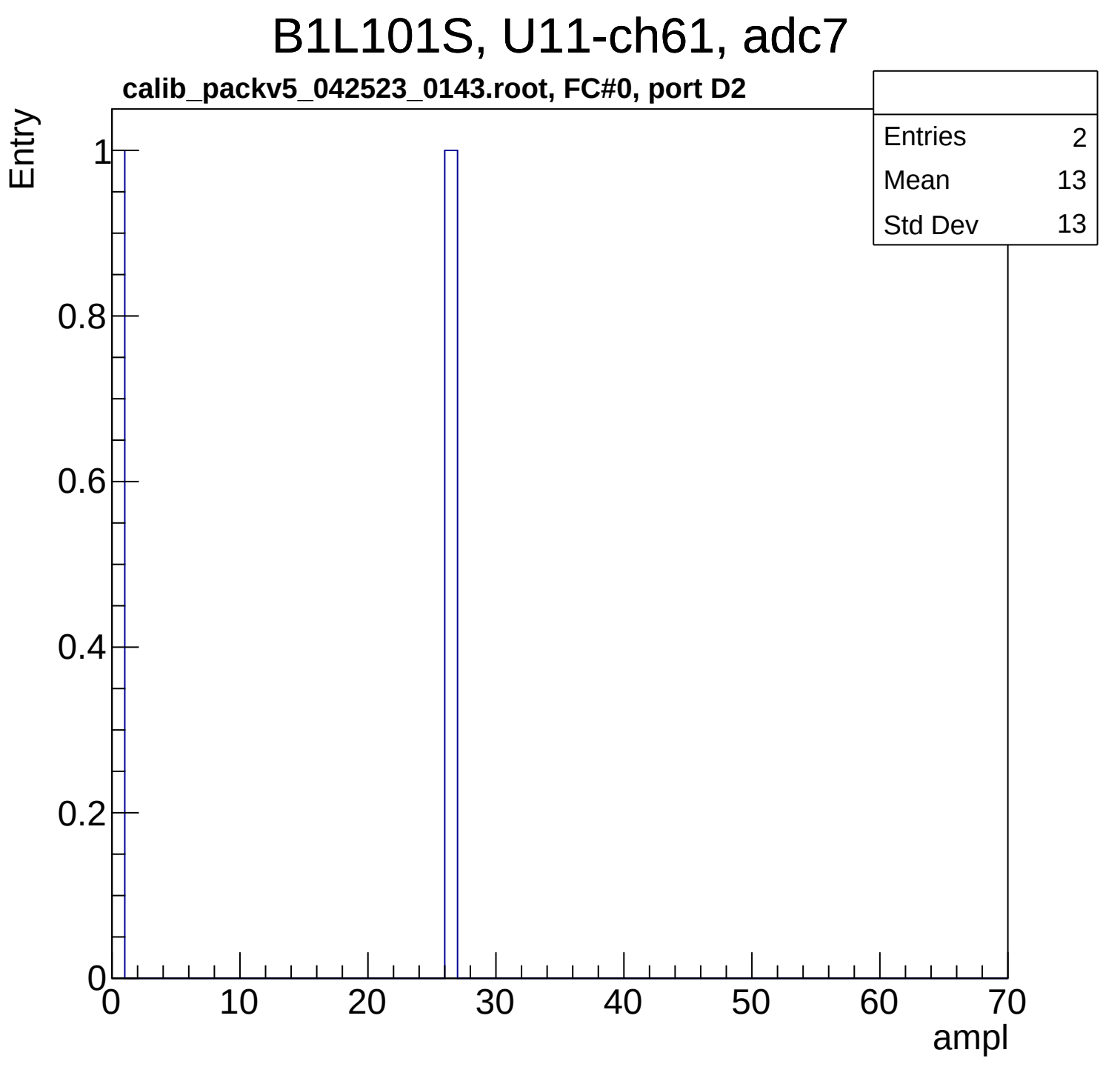
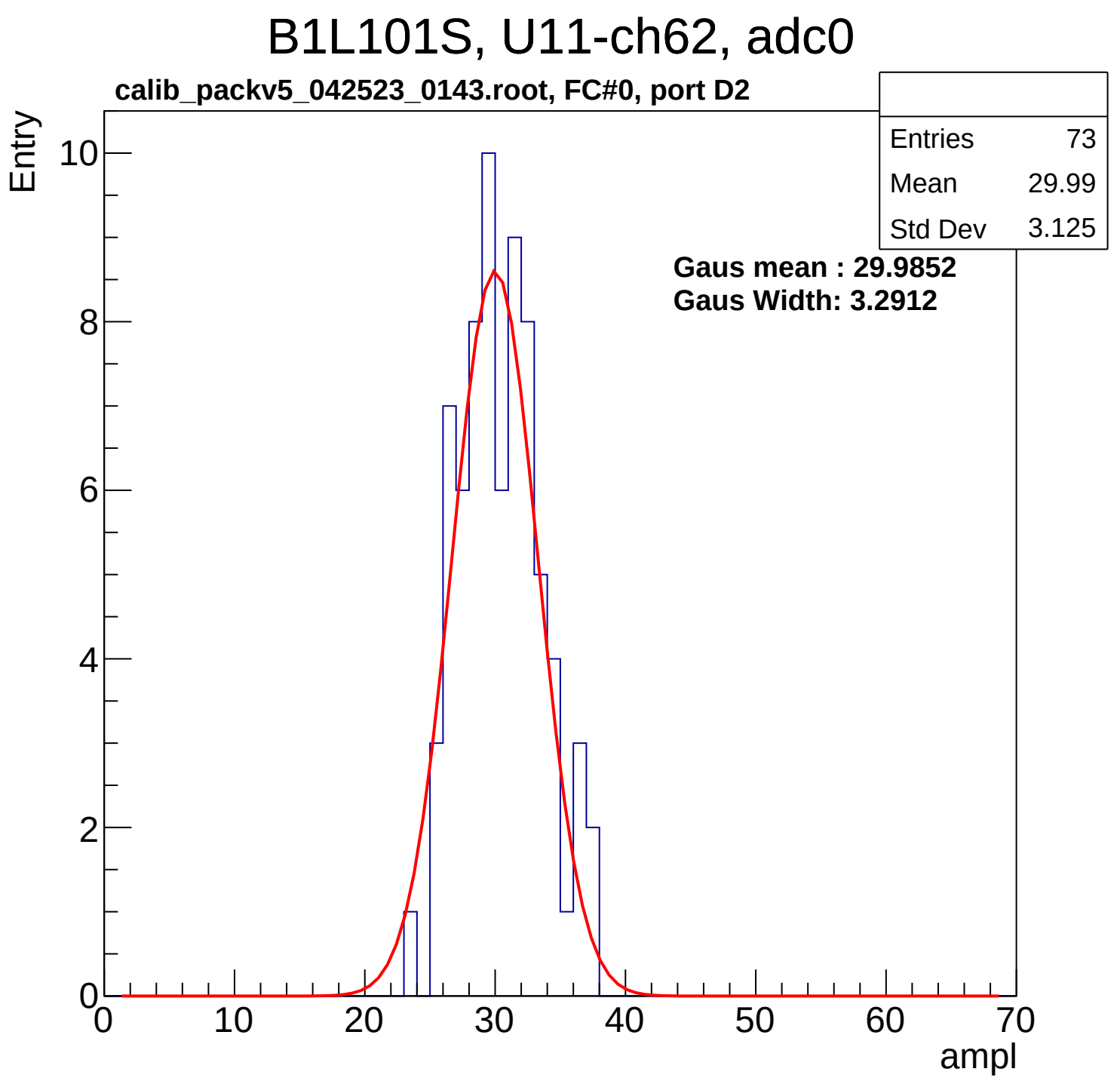
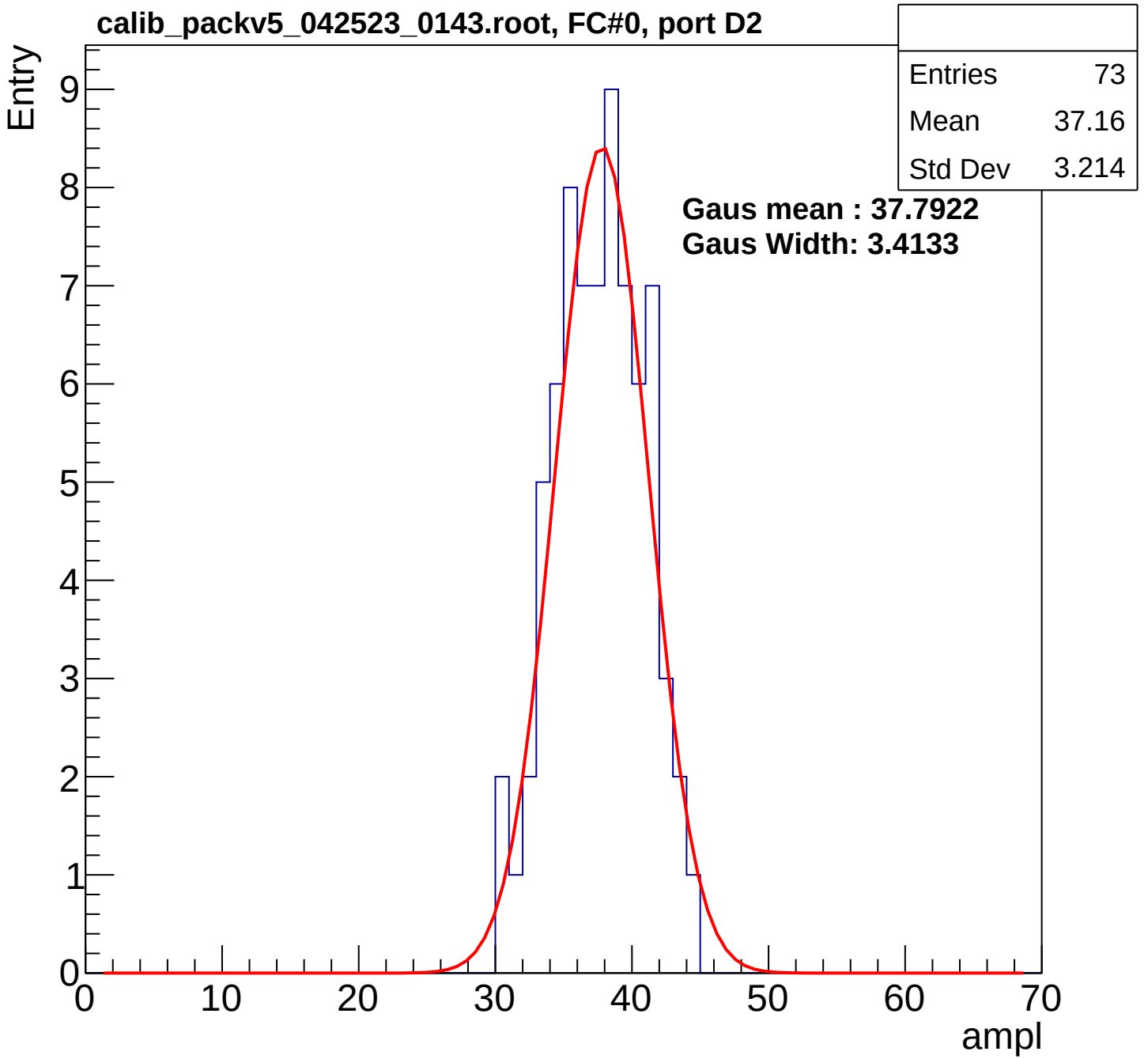
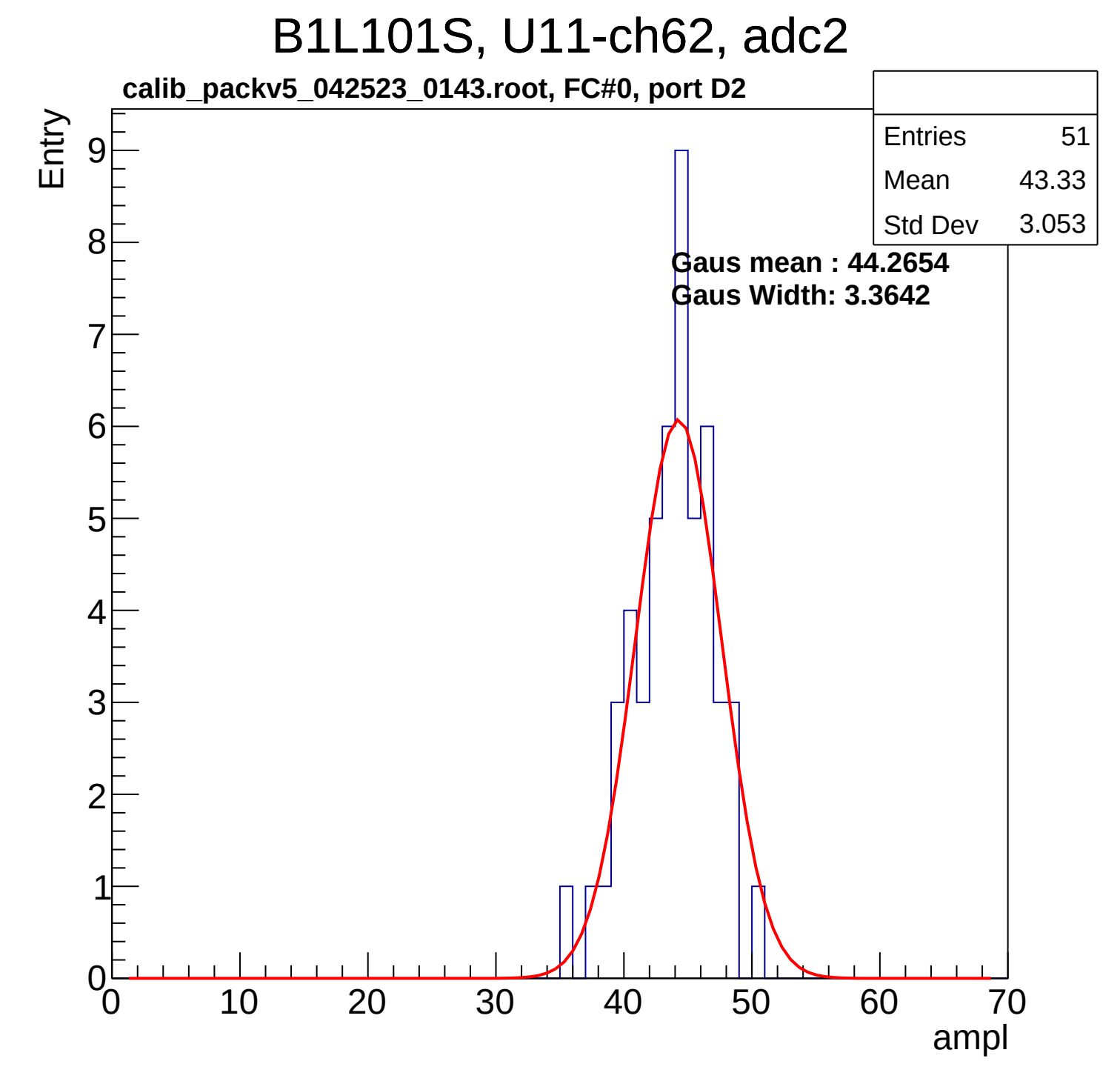

B1L101S, U11-ch61, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 30
Mean 60.47
Std Dev 2.729
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch61, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 5
Mean 49.6
Std Dev 24.81
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


B1L101S, U11-ch61, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 13
Std Dev 13
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch62, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 29.99
Std Dev 3.125
Gaus mean : 29.9852
Gaus Width: 3.2912
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch62, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 37.16
Std Dev 3.214
Gaus mean : 37.7922
Gaus Width: 3.4133
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch62, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 43.33
Std Dev 3.053
Gaus mean : 44.2654
Gaus Width: 3.3642
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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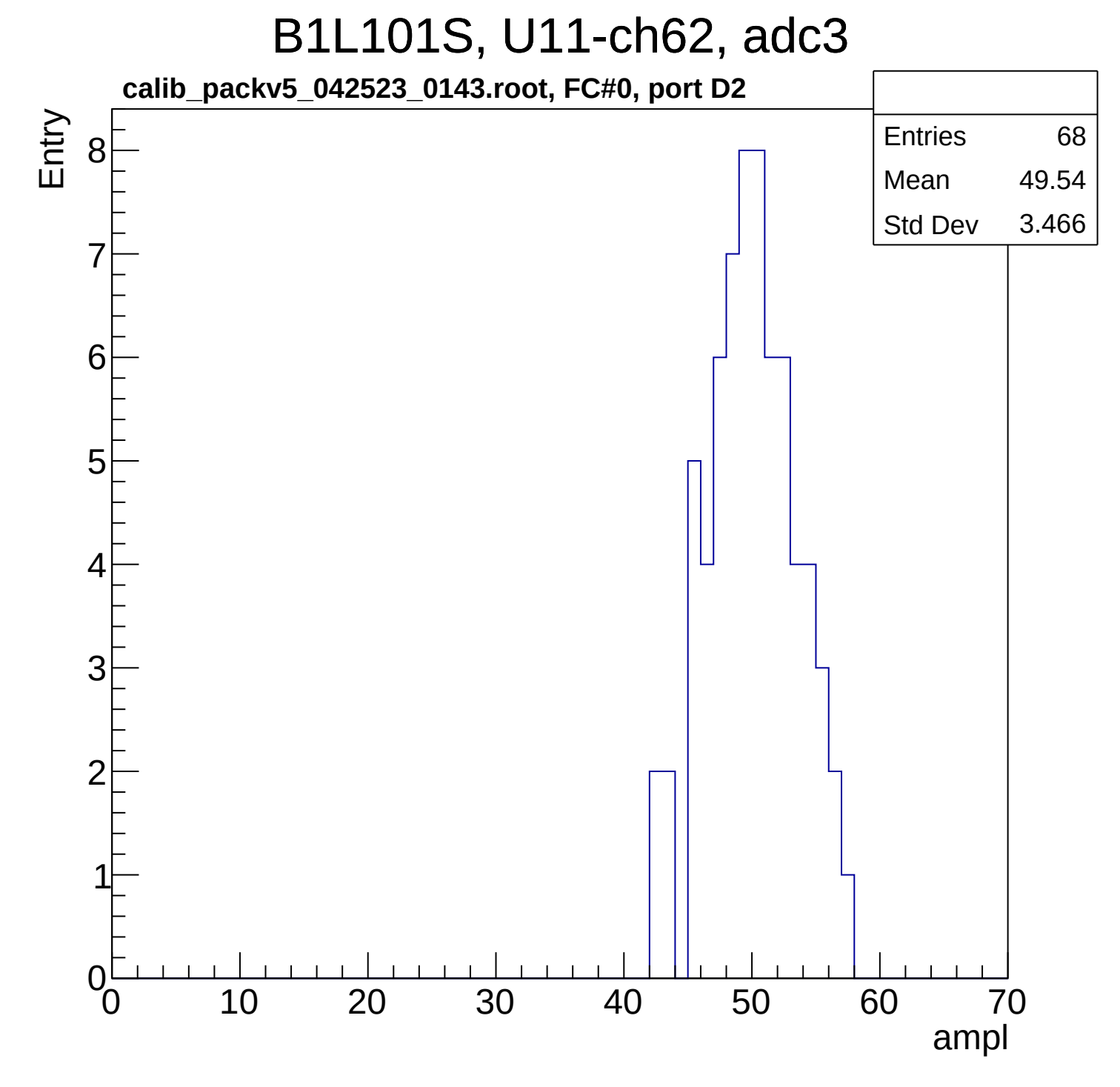
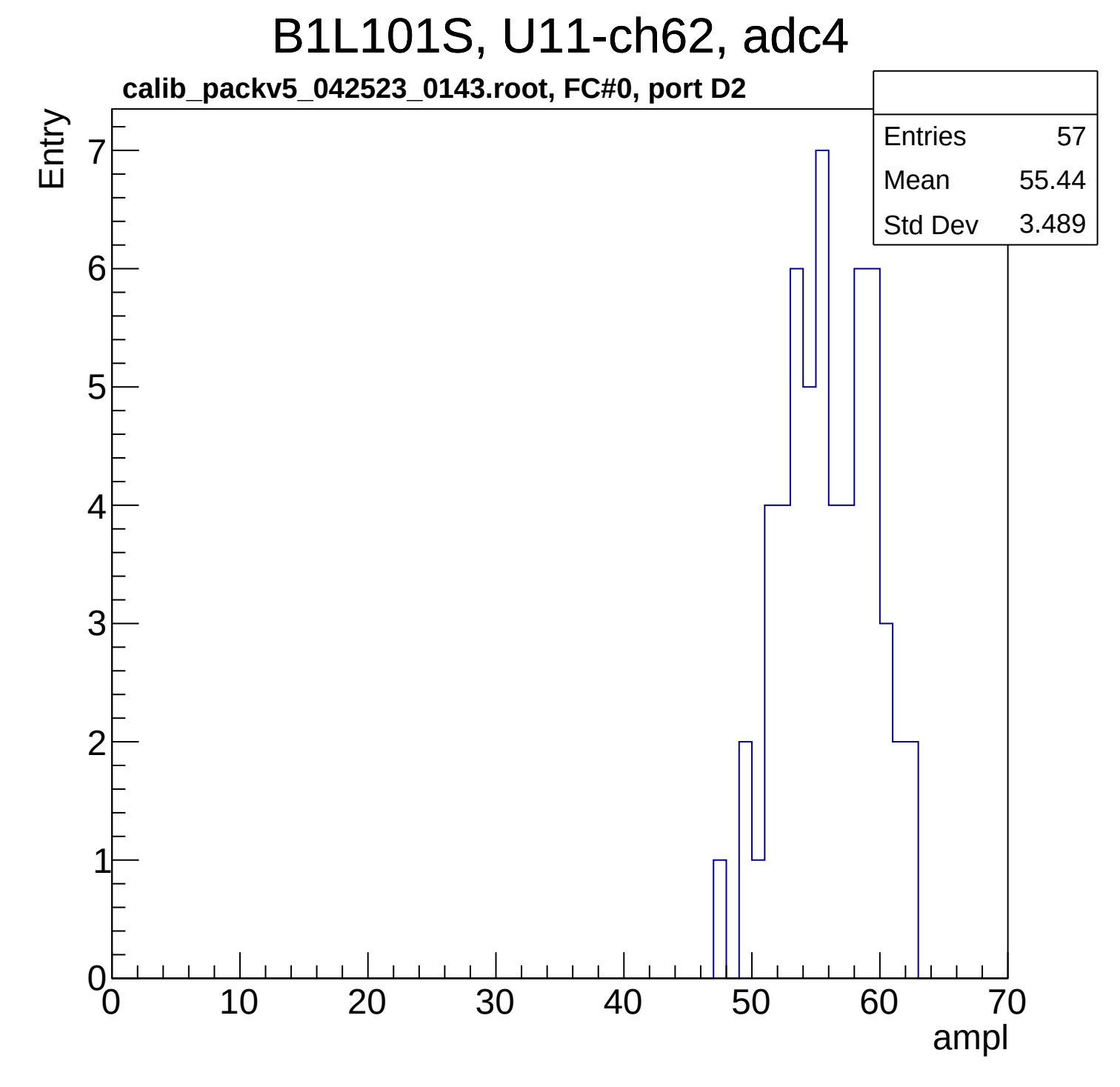
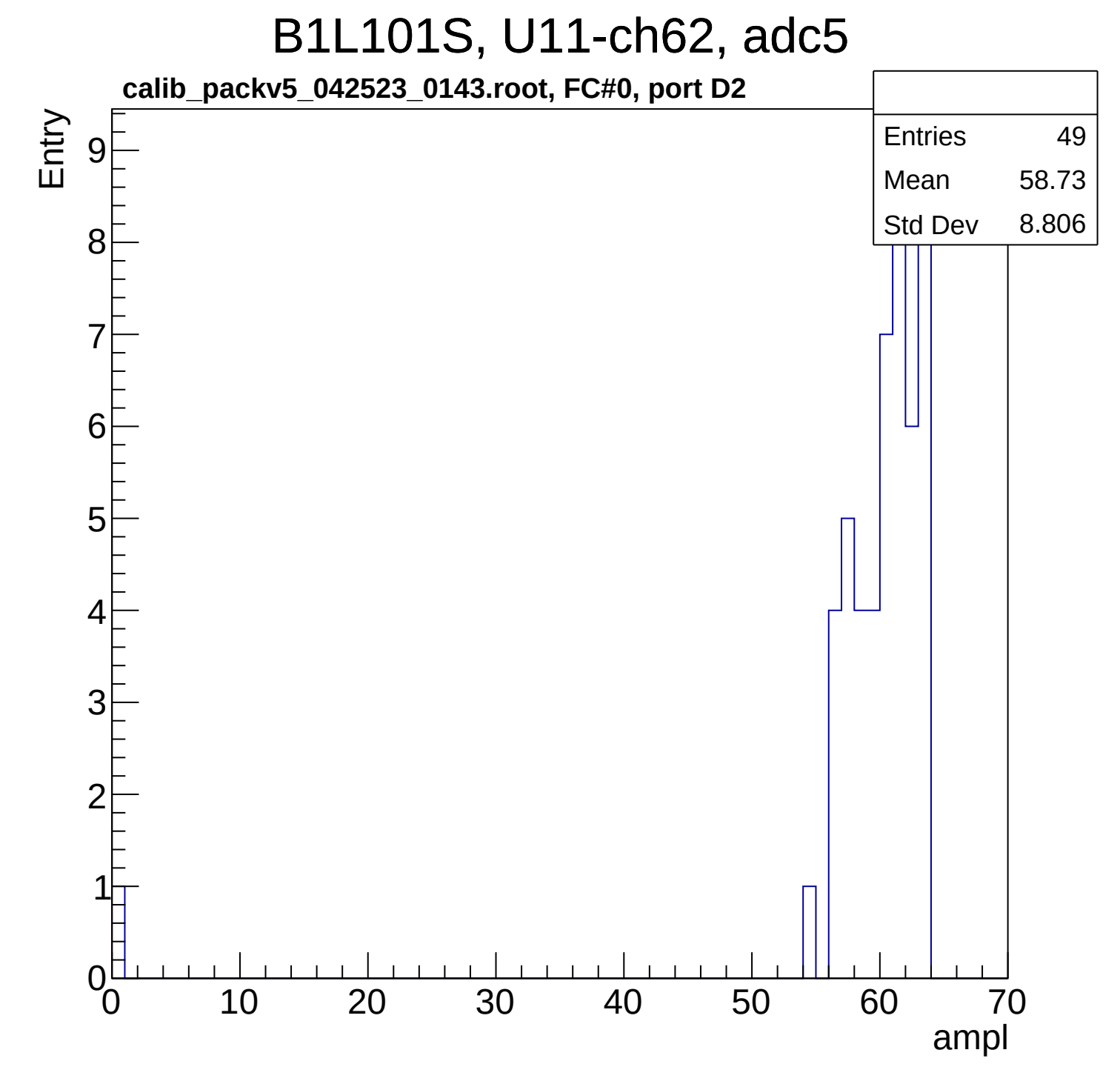
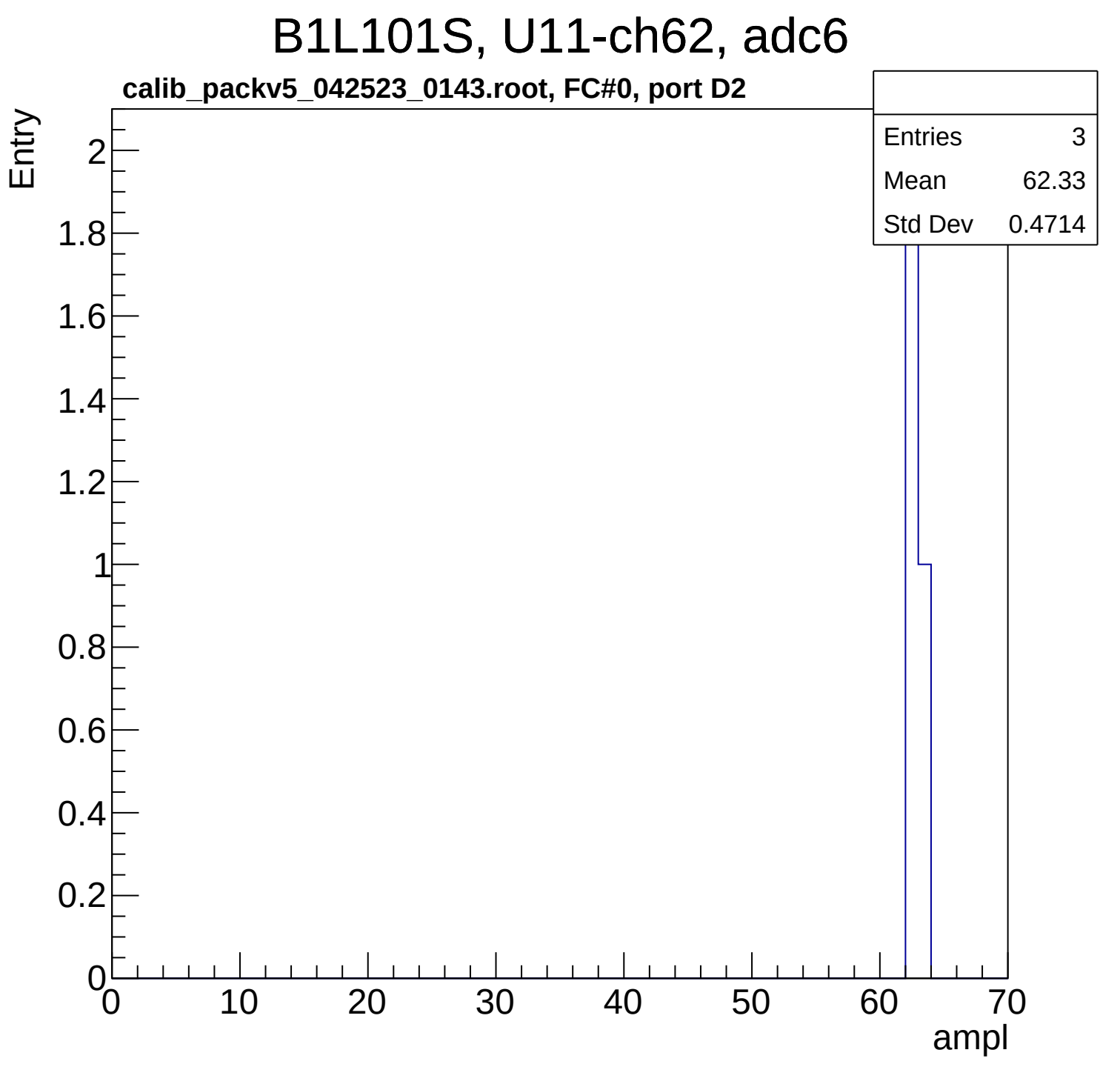
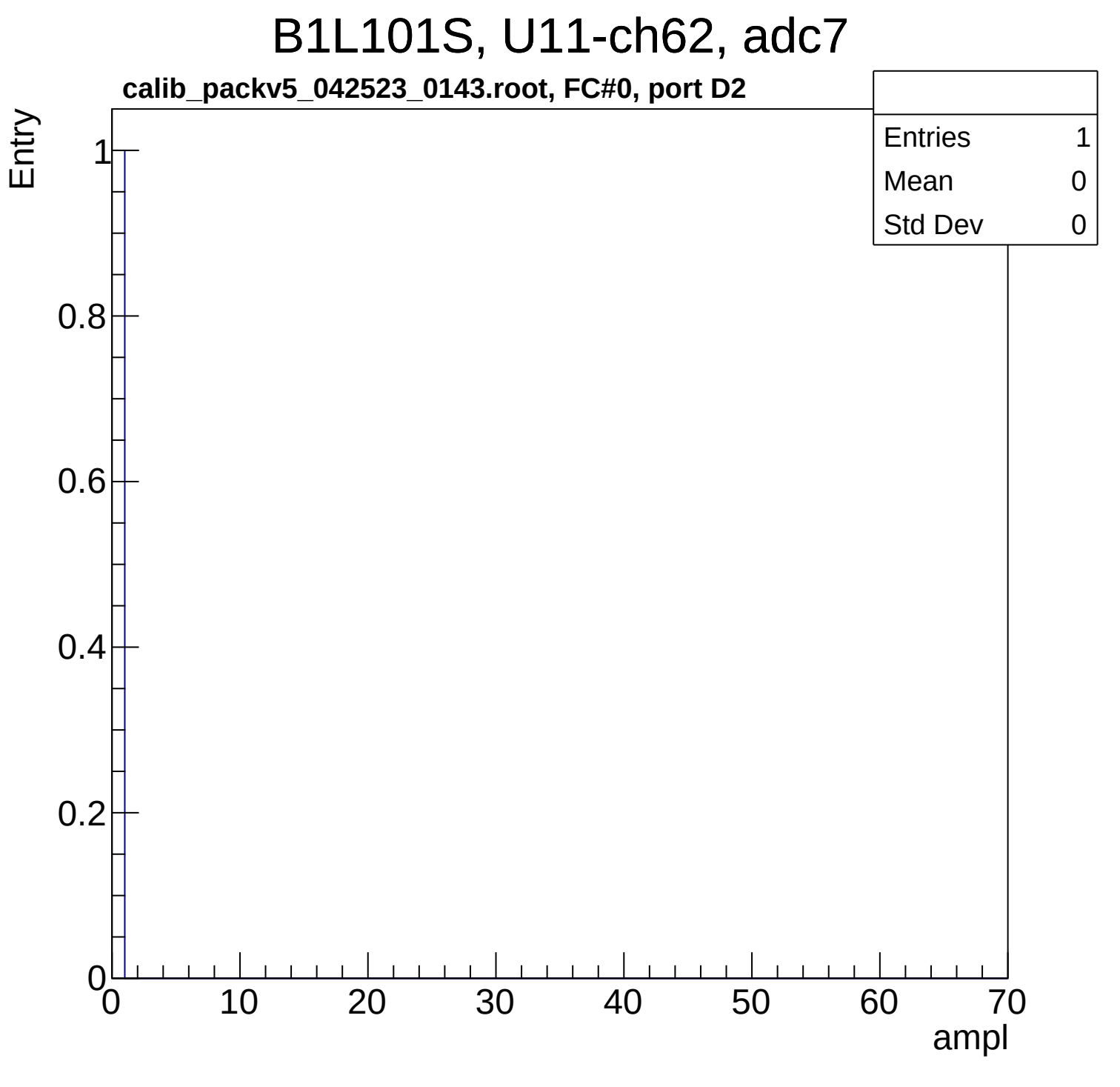
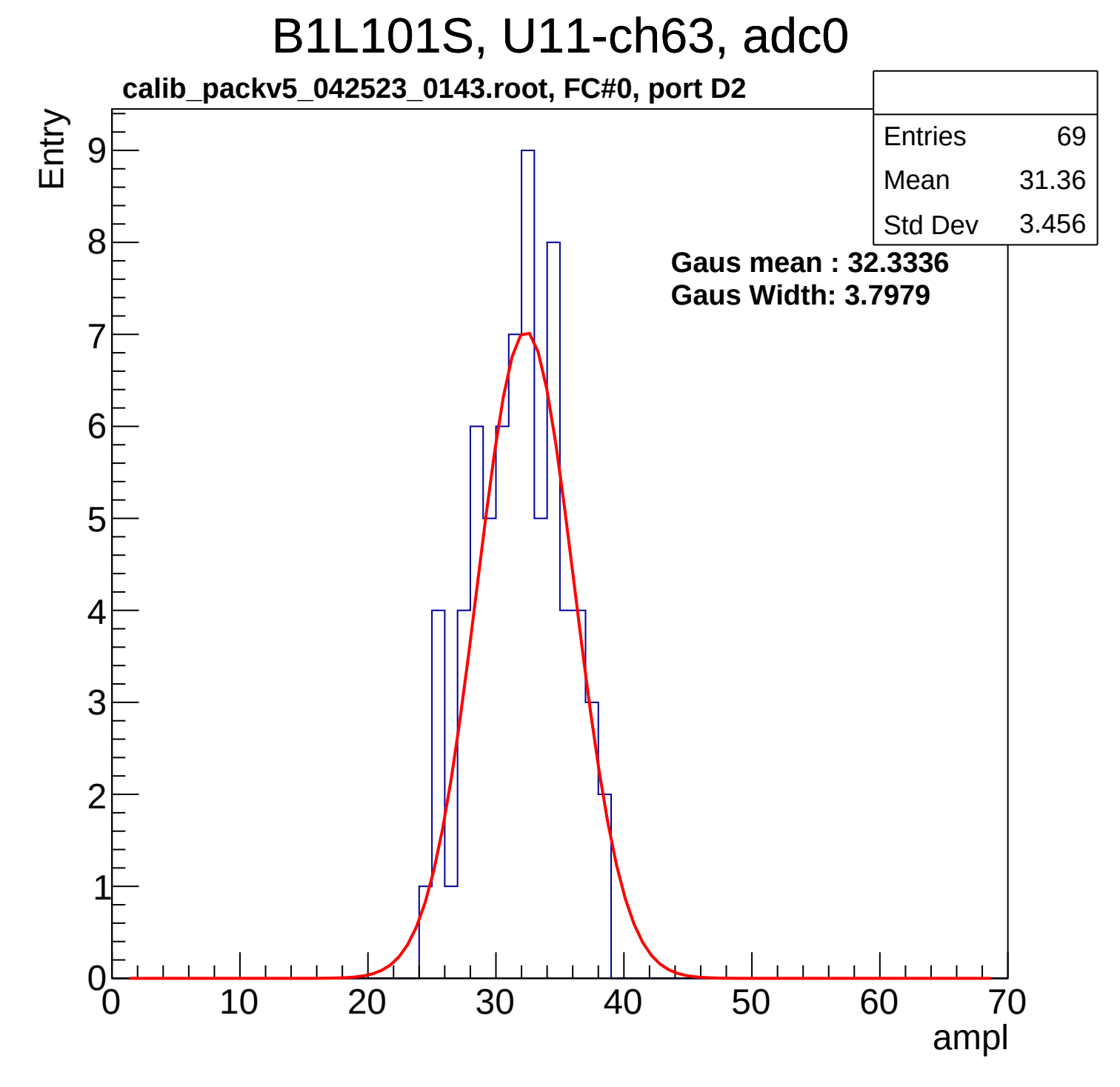

B1L101S, U11-ch62, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 49.54
Std Dev 3.466
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch62, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 55.44
Std Dev 3.489
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch62, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 49
Mean 58.73
Std Dev 8.806
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch62, adc6
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch62, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch63, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 31.36
Std Dev 3.456
Gaus mean : 32.3336
Gaus Width: 3.7979
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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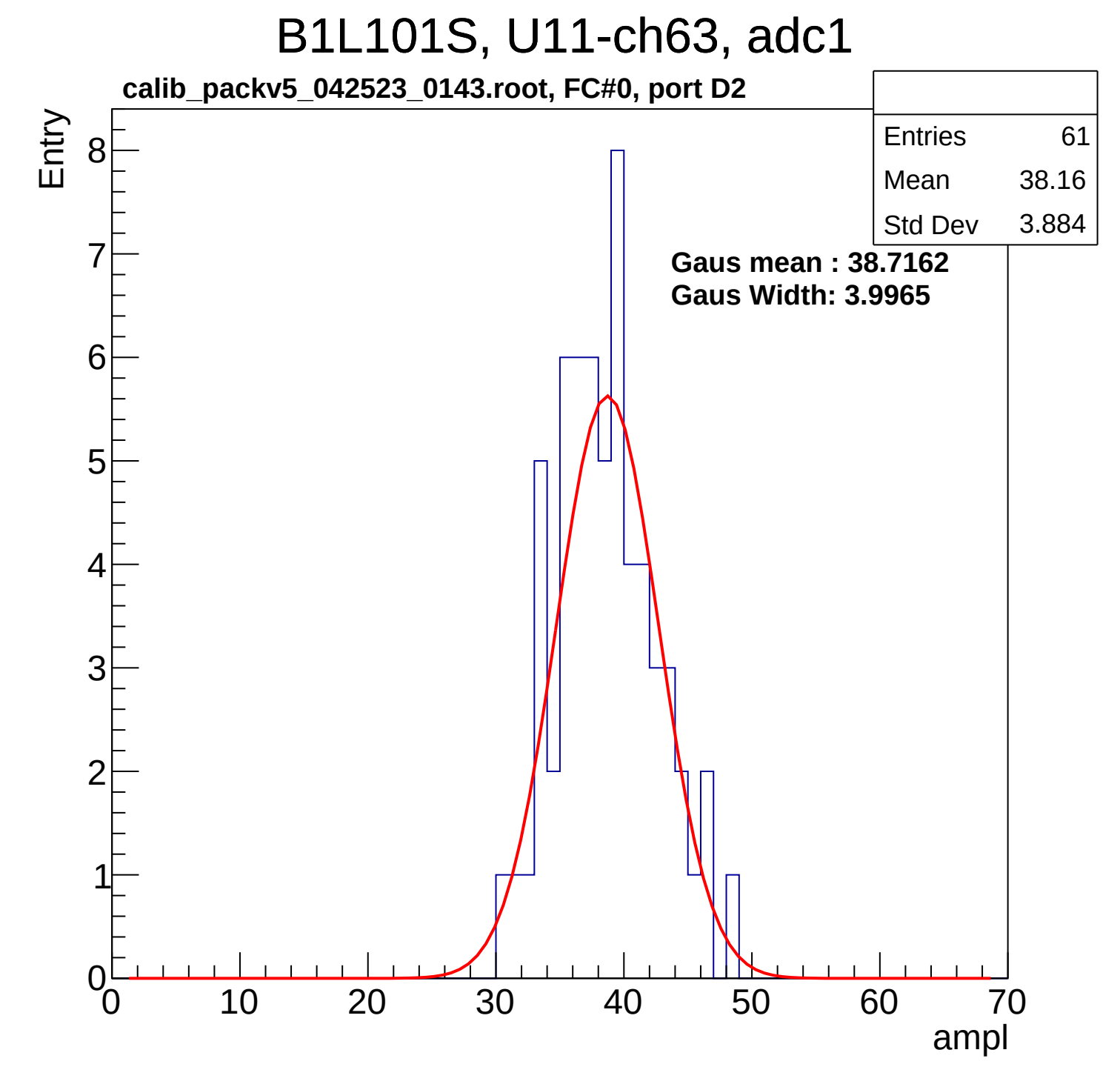
B1L101S, U11-ch63, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 38.16
Std Dev 3.884
Gaus mean : 38.7162
Gaus Width: 3.9965
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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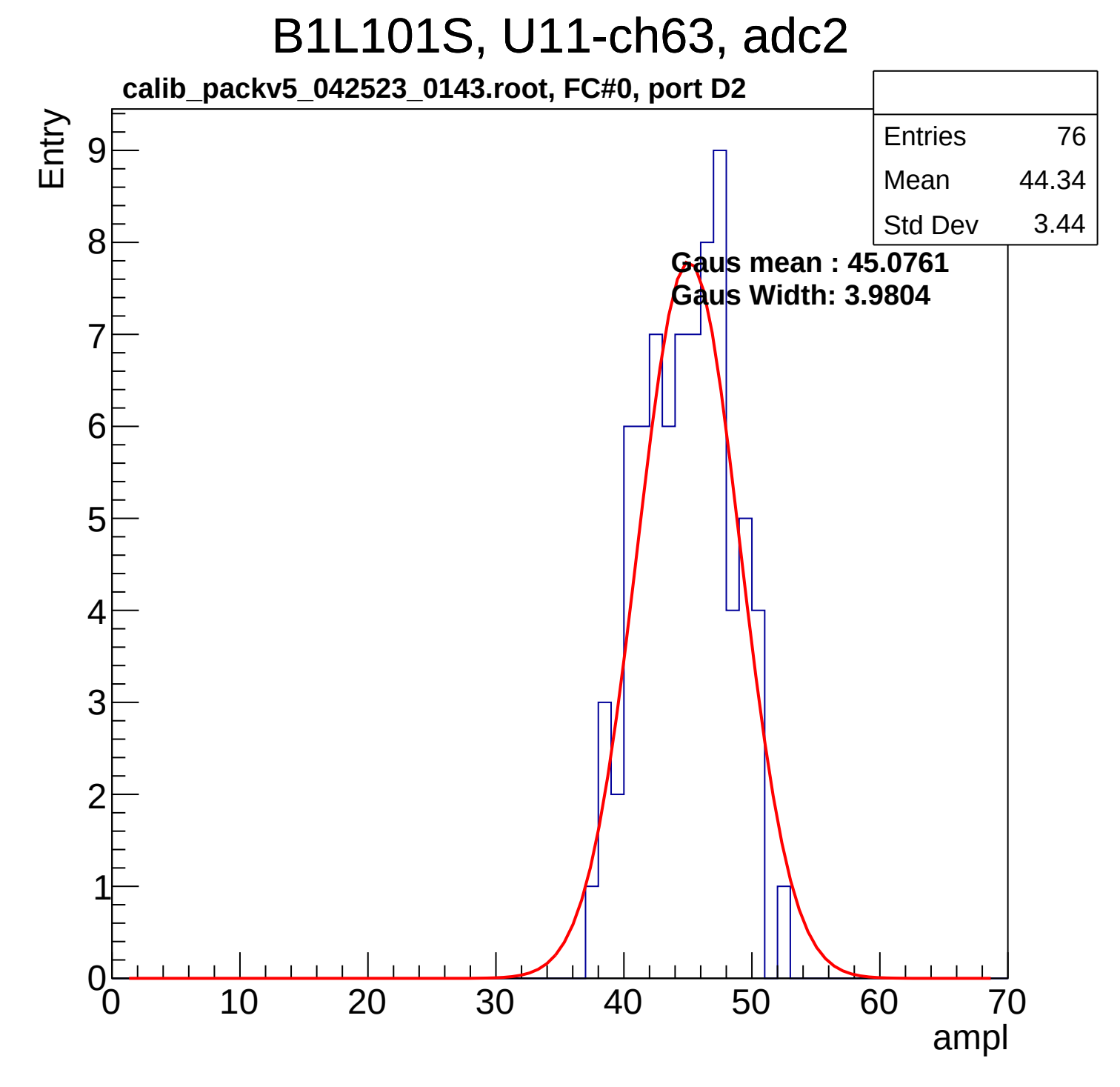
B1L101S, U11-ch63, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 44.34
Std Dev 3.44
Gaus mean : 45.0761
Gaus Width: 3.9804
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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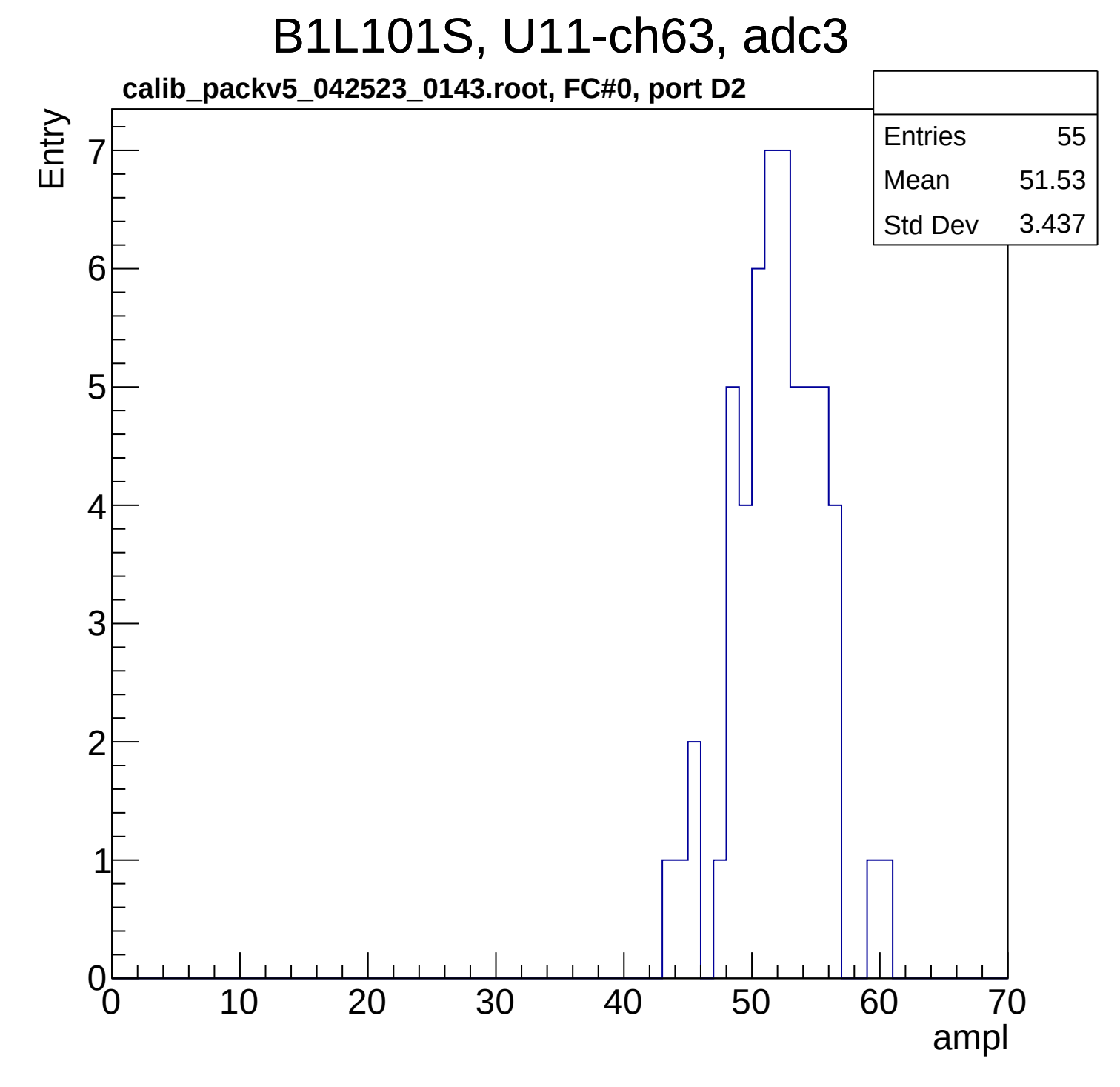
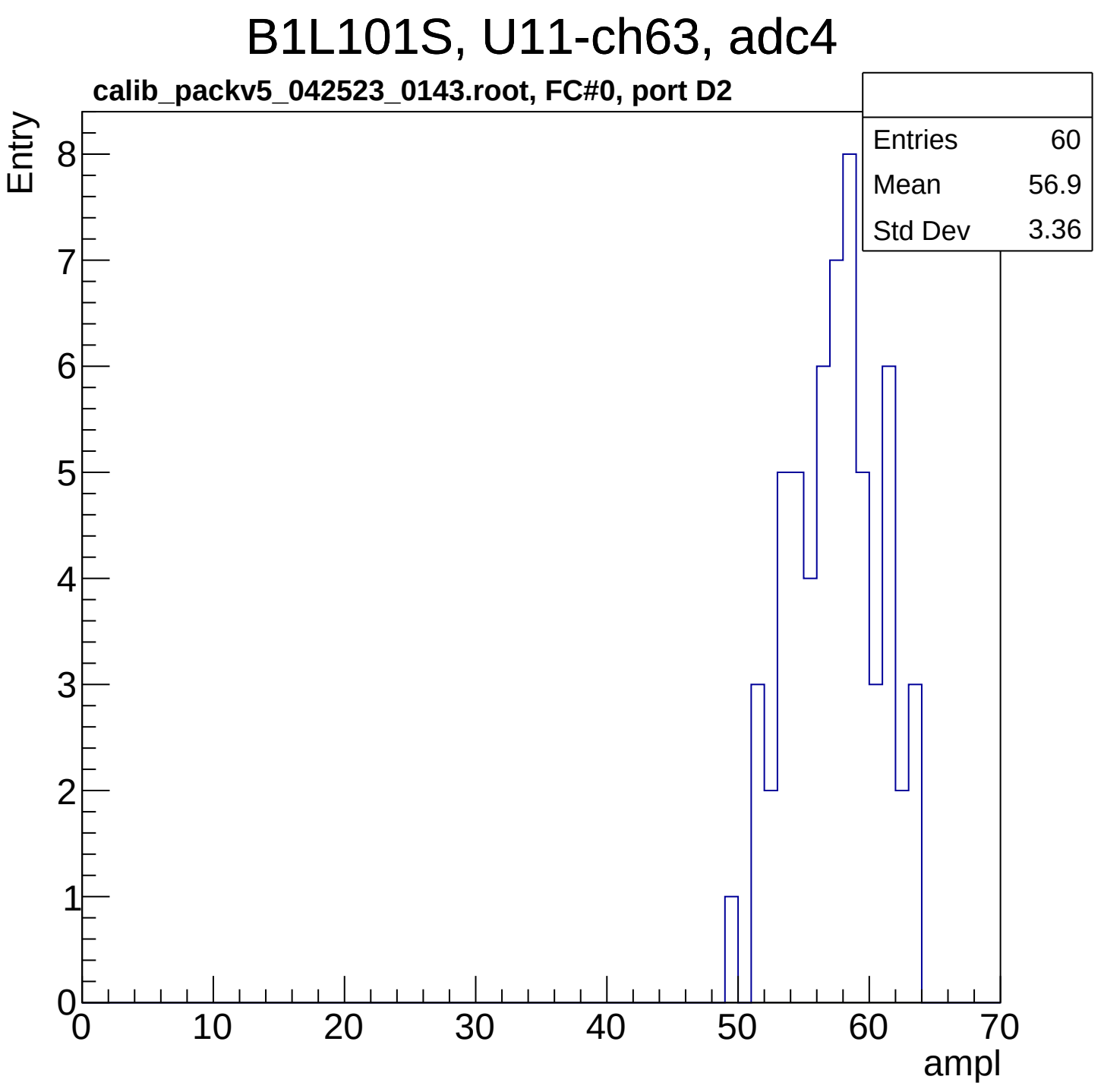
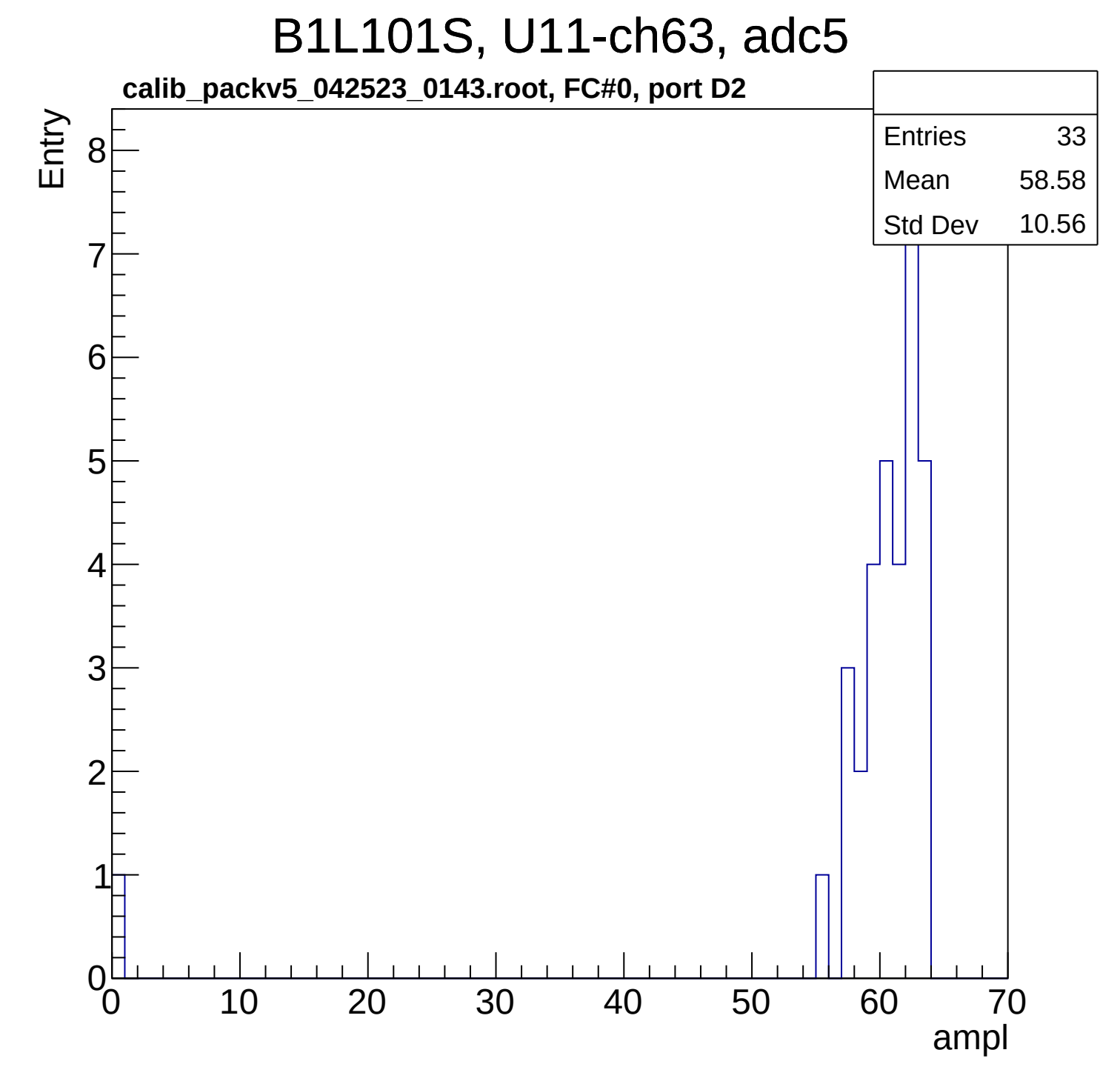
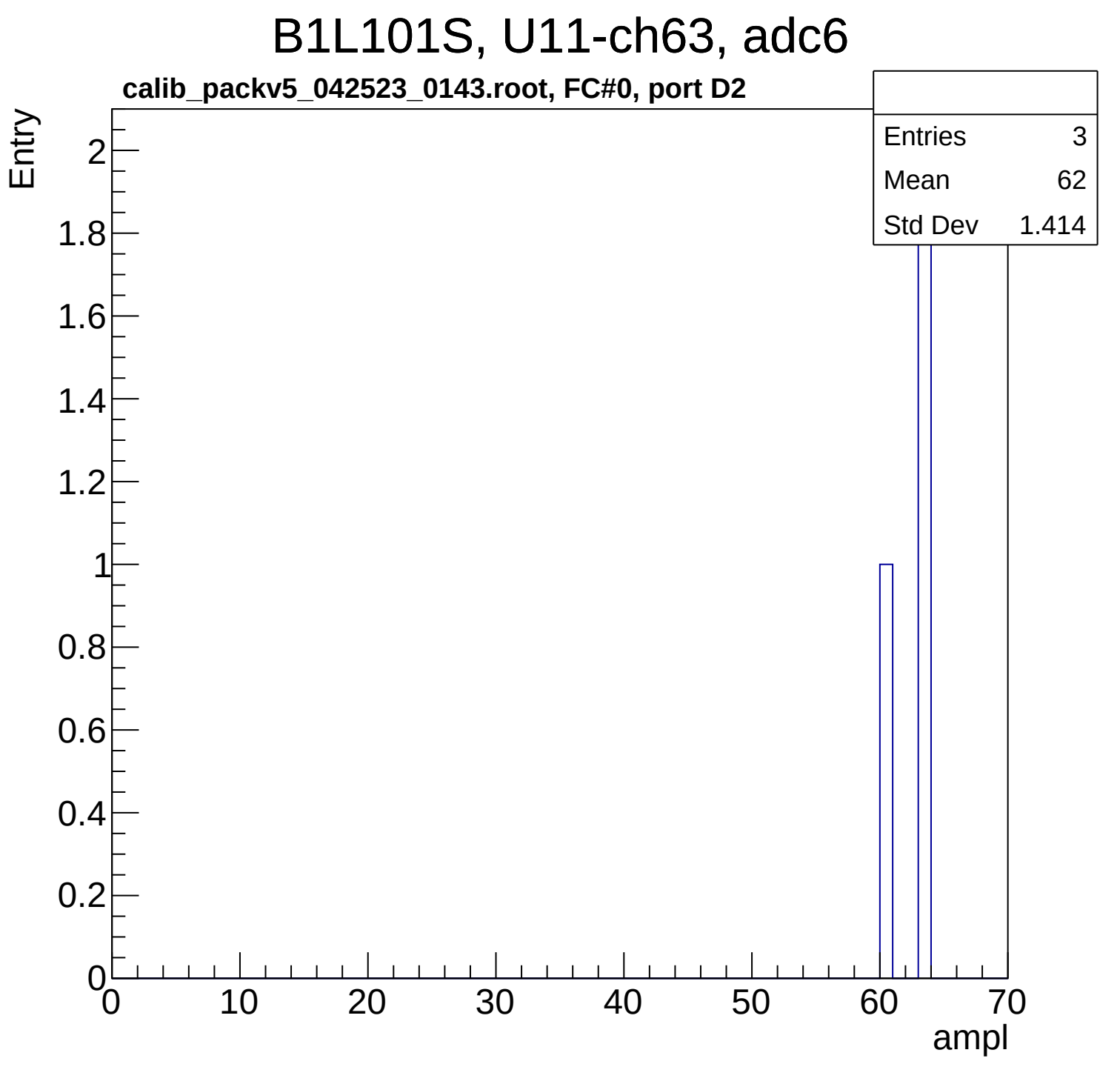
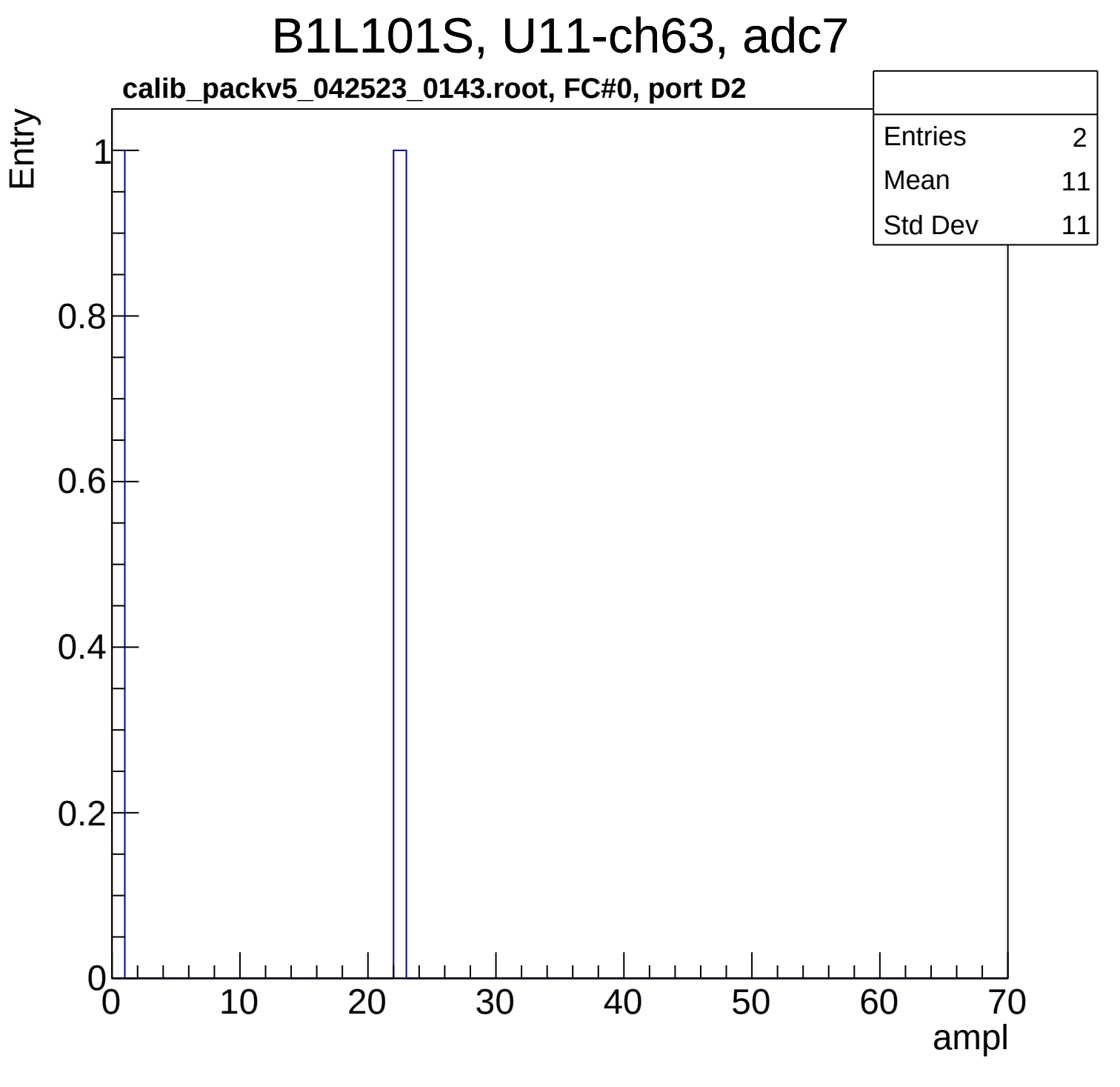

B1L101S, U11-ch63, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 51.53
Std Dev 3.437
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch63, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 56.9
Std Dev 3.36
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch63, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 33
Mean 58.58
Std Dev 10.56
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch63, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 62
Std Dev 1.414
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


B1L101S, U11-ch63, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 11
Std Dev 11
Entry
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0.8
0.6
0.4
0.2
0
0
10
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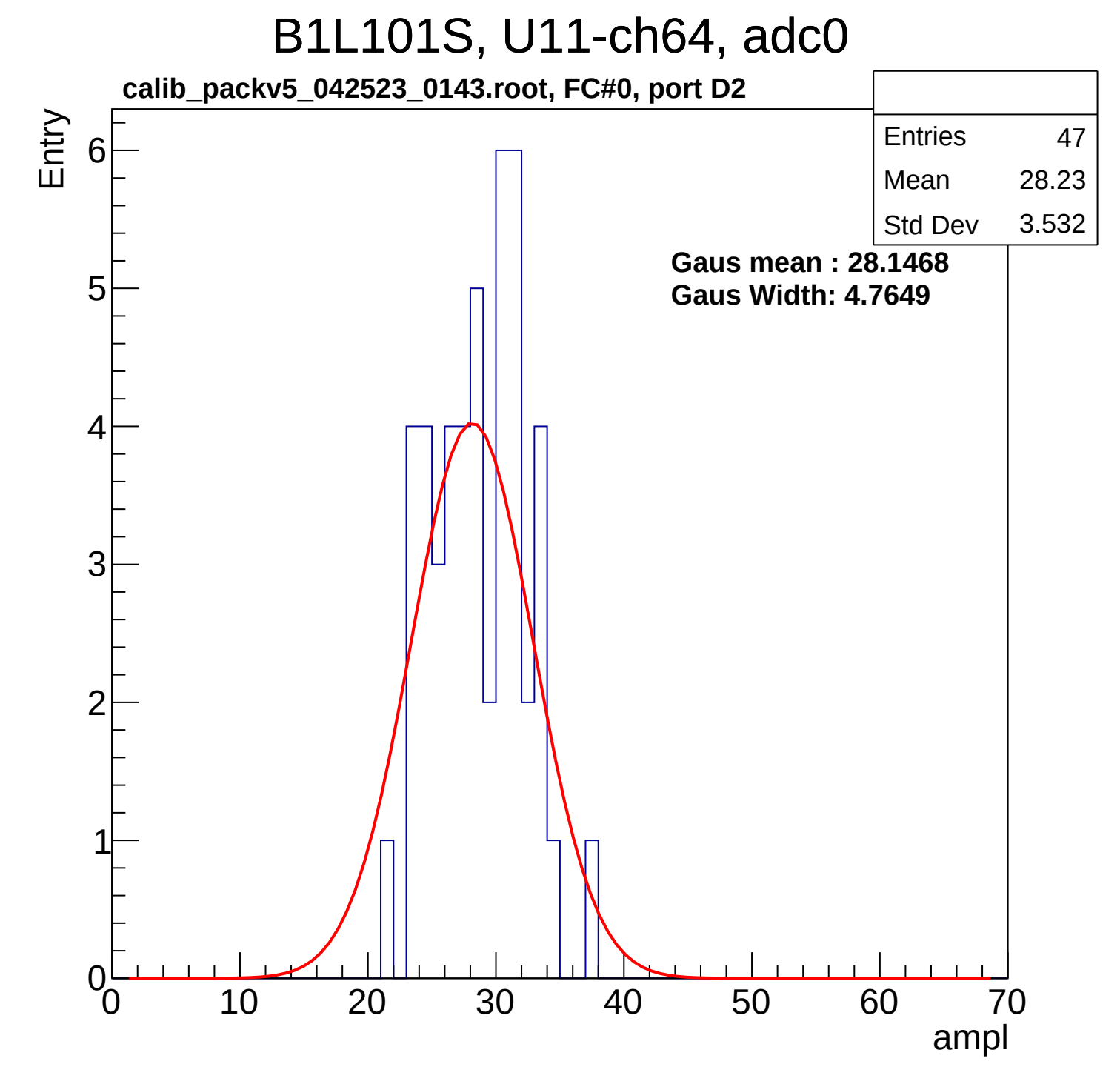
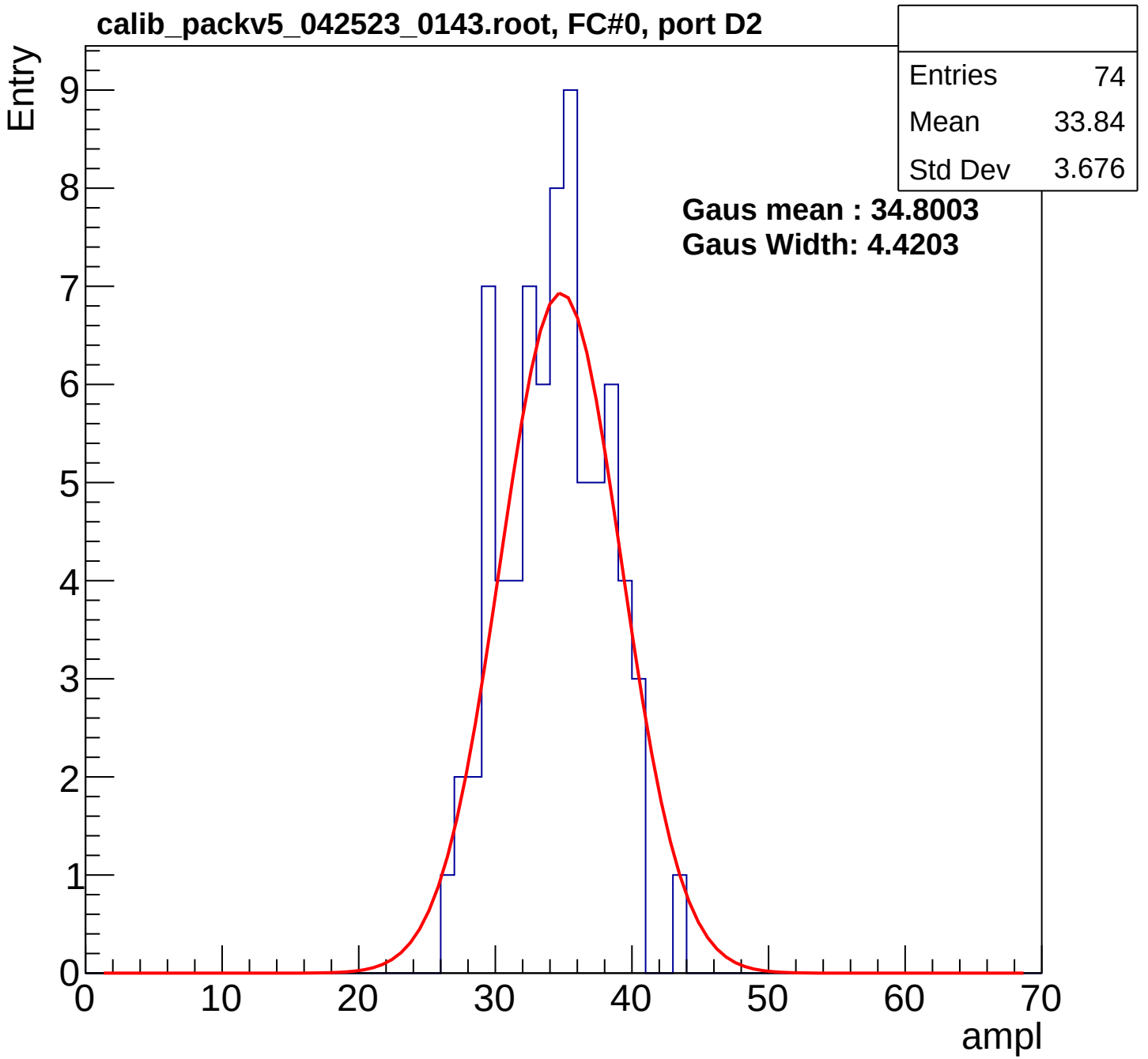
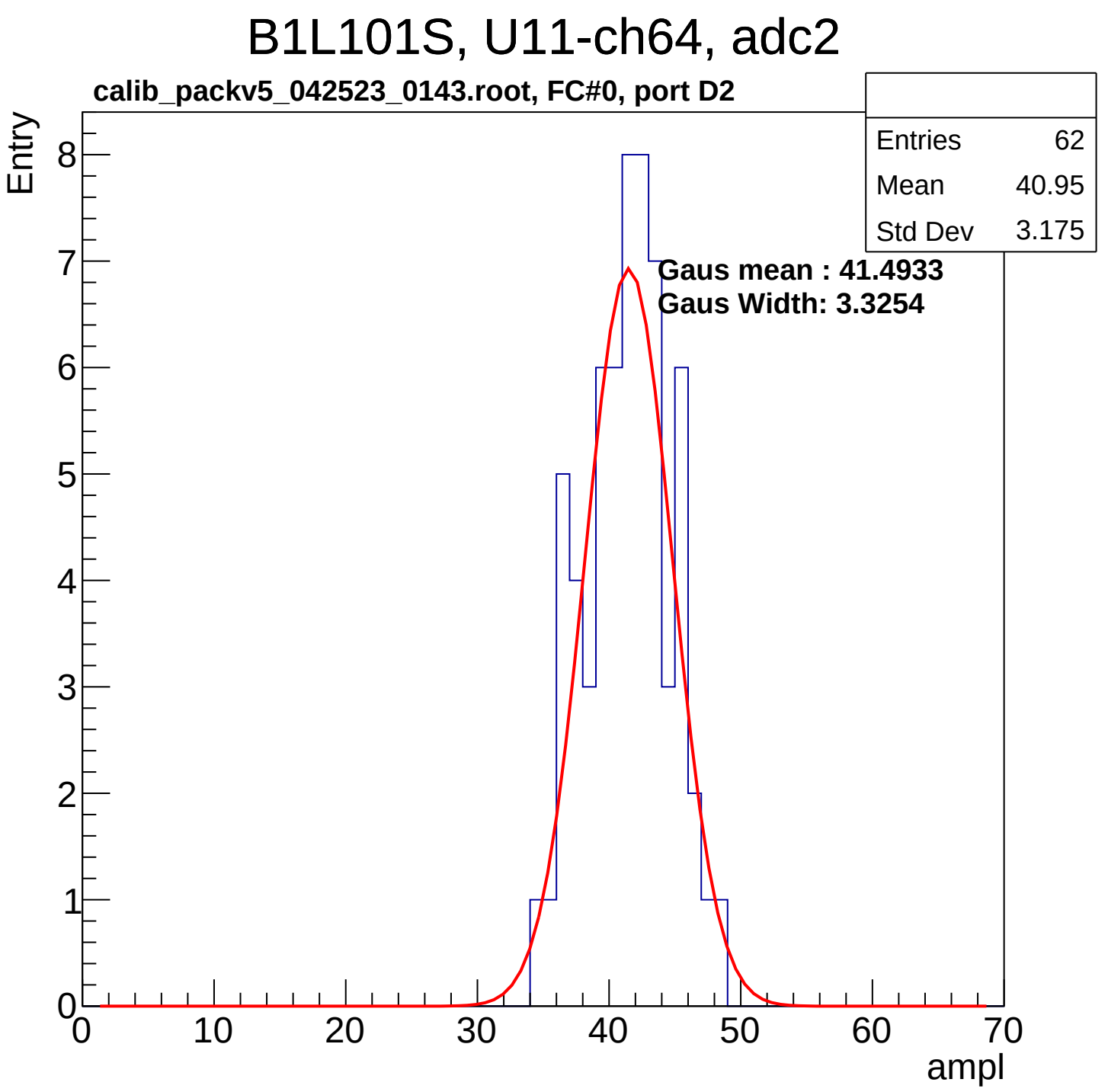
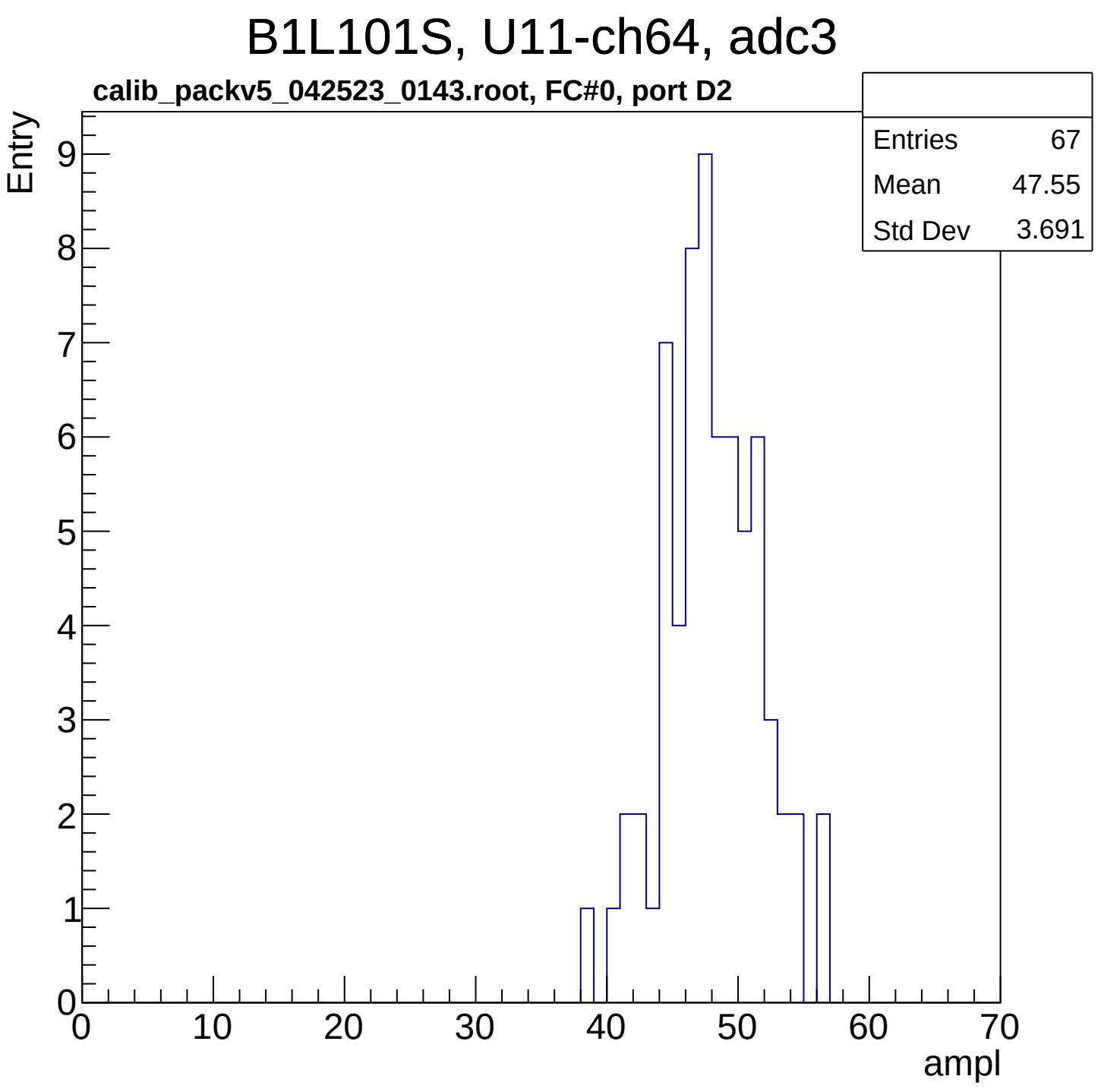
50
60
70
ampl


B1L101S, U11-ch64, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 47
Mean 28.23
Std Dev 3.532
Gaus mean : 28.1468
Gaus Width: 4.7649
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L101S, U11-ch64, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 74
Mean 33.84
Std Dev 3.676
Gaus mean : 34.8003
Gaus Width: 4.4203
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch64, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 40.95
Std Dev 3.175
Gaus mean : 41.4933
Gaus Width: 3.3254
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch64, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 47.55
Std Dev 3.691
Entry
ampl
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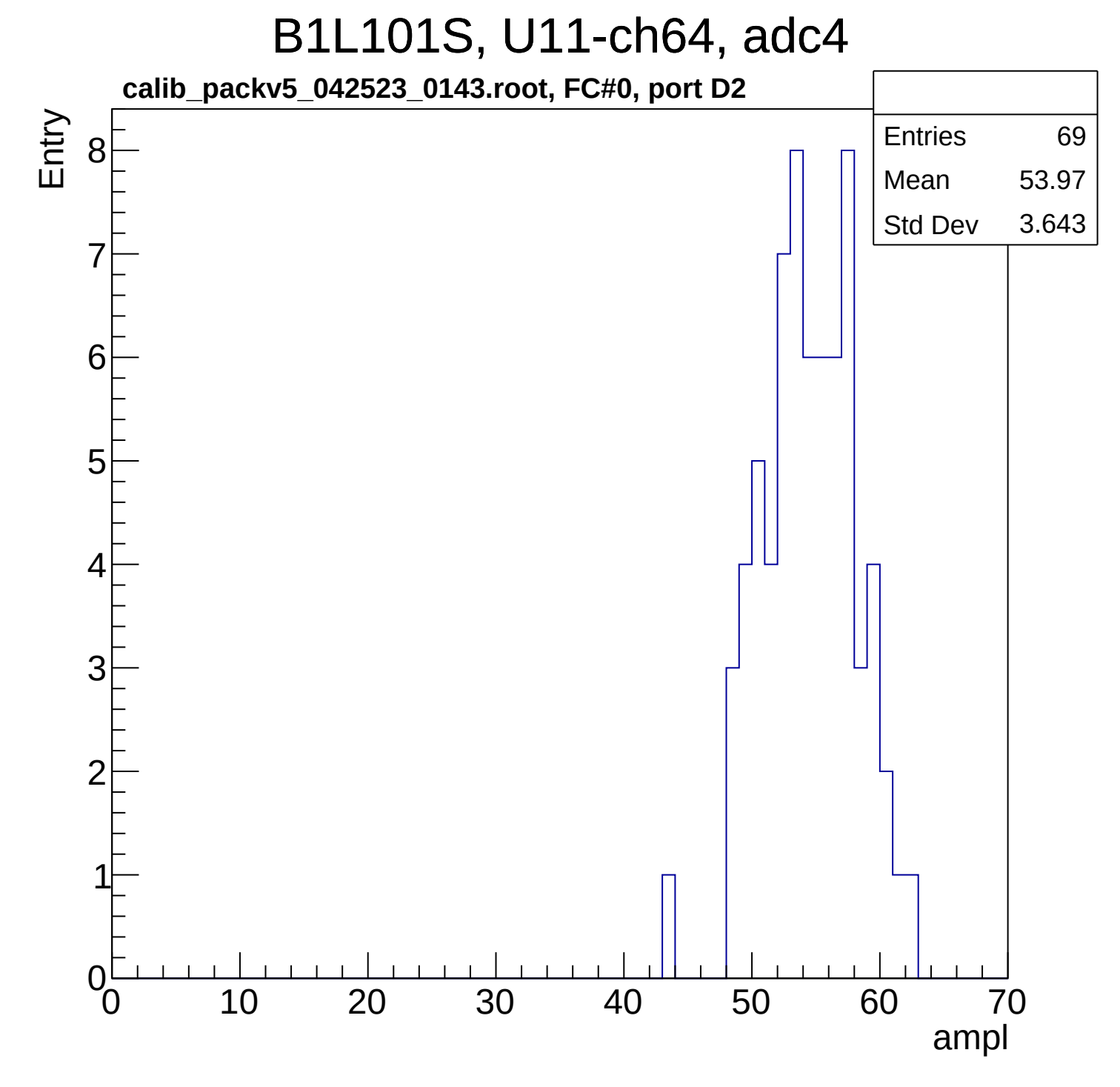
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch64, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 53.97
Std Dev 3.643
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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40
50
60
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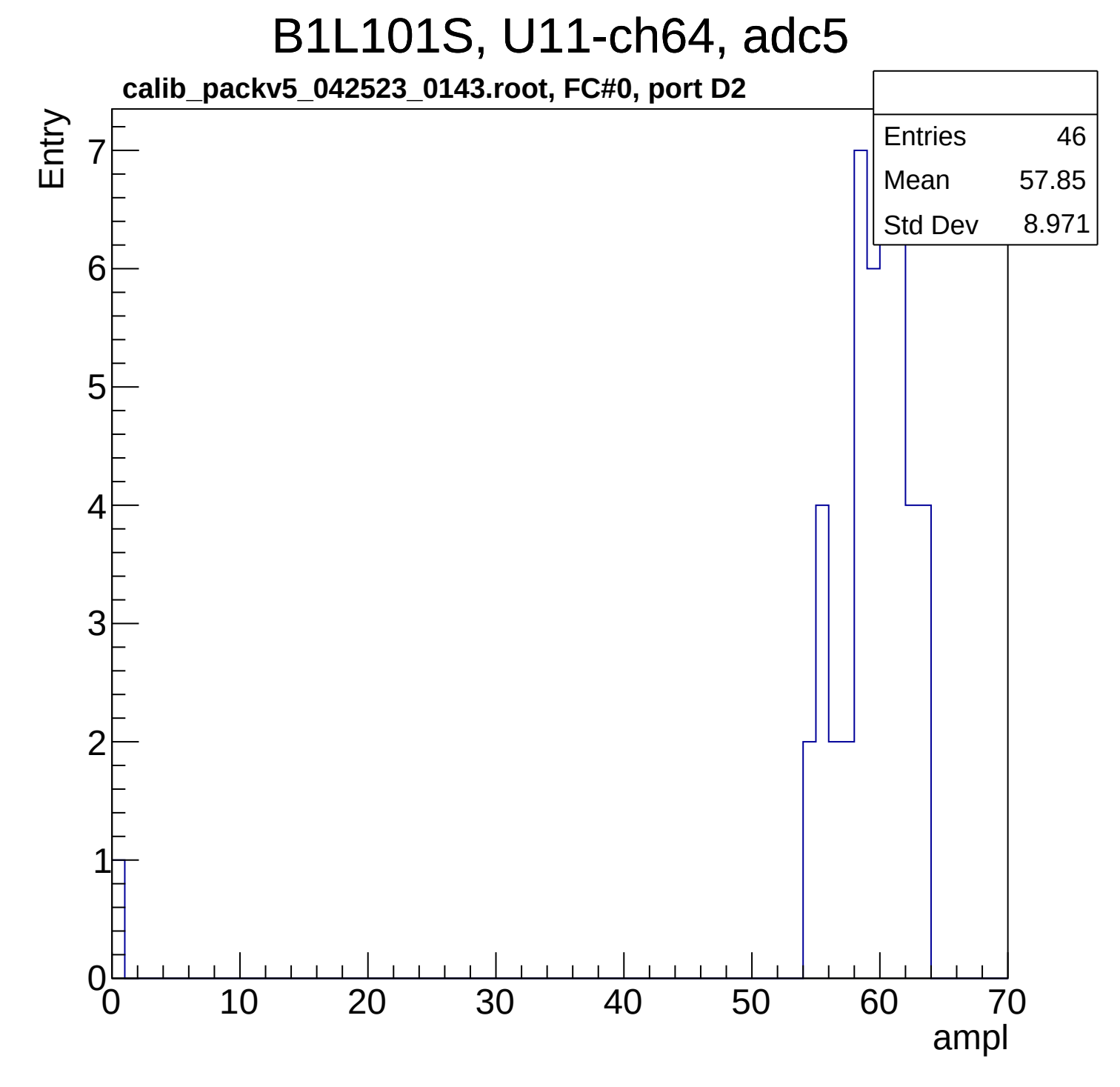
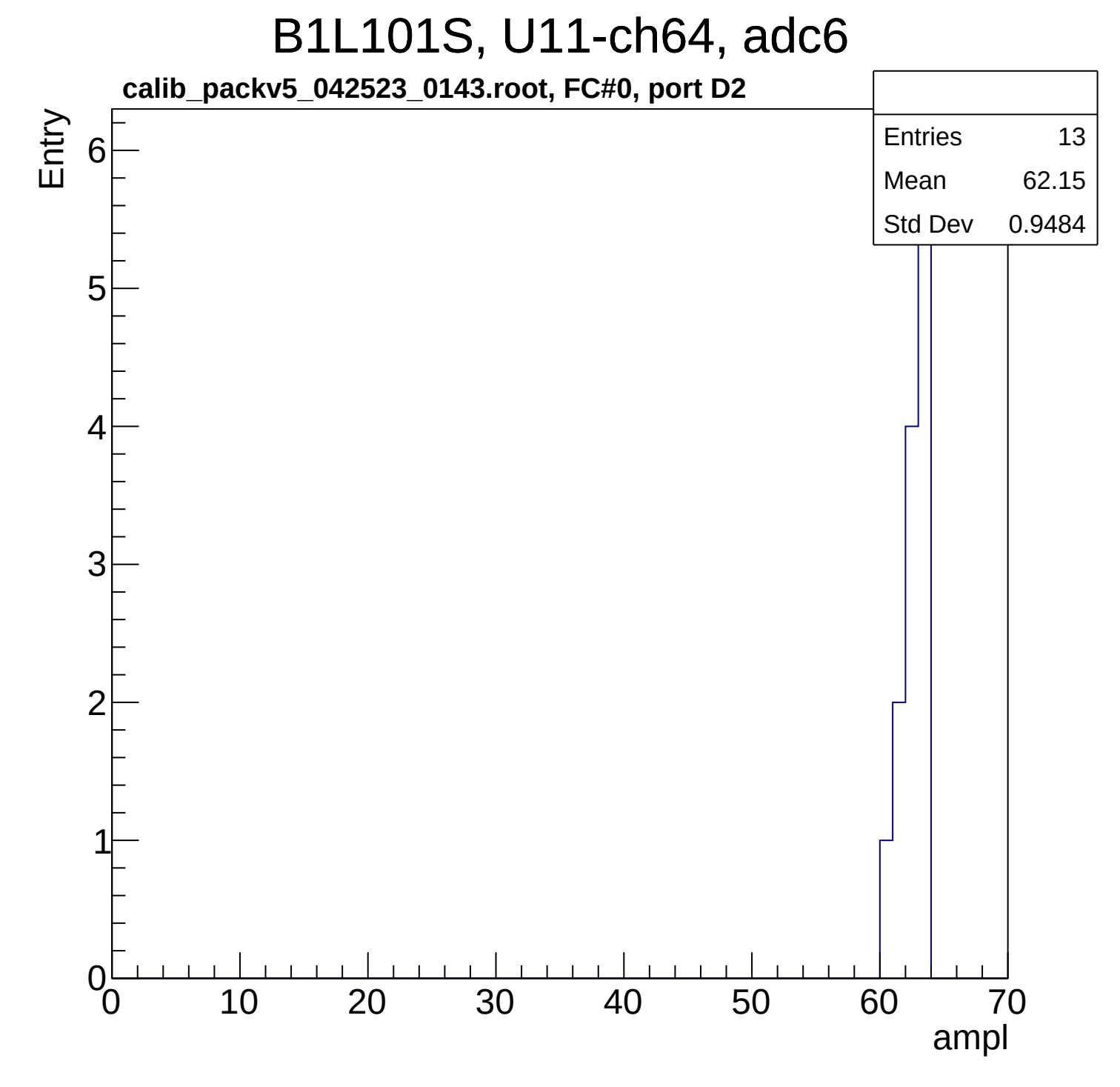
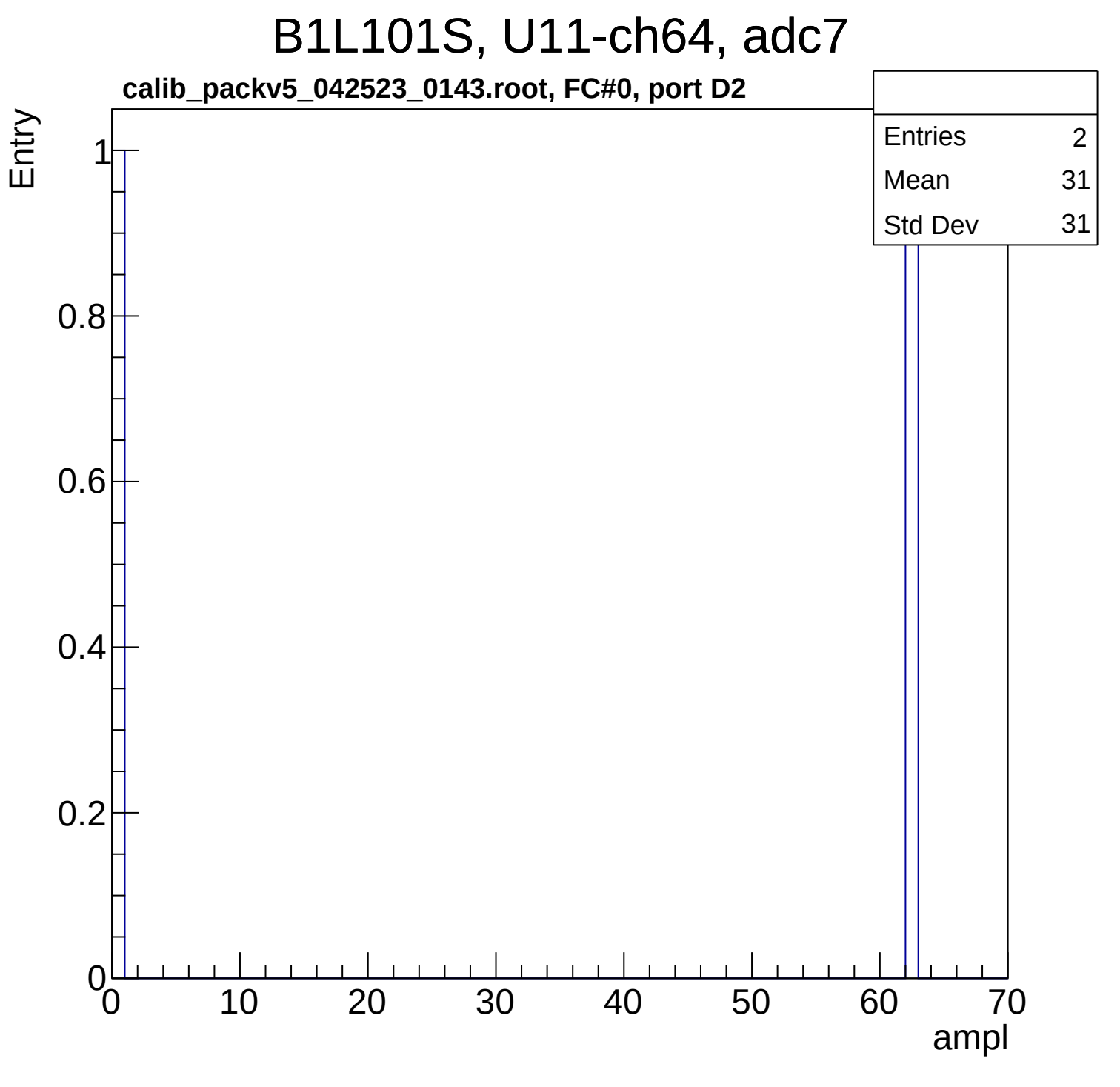
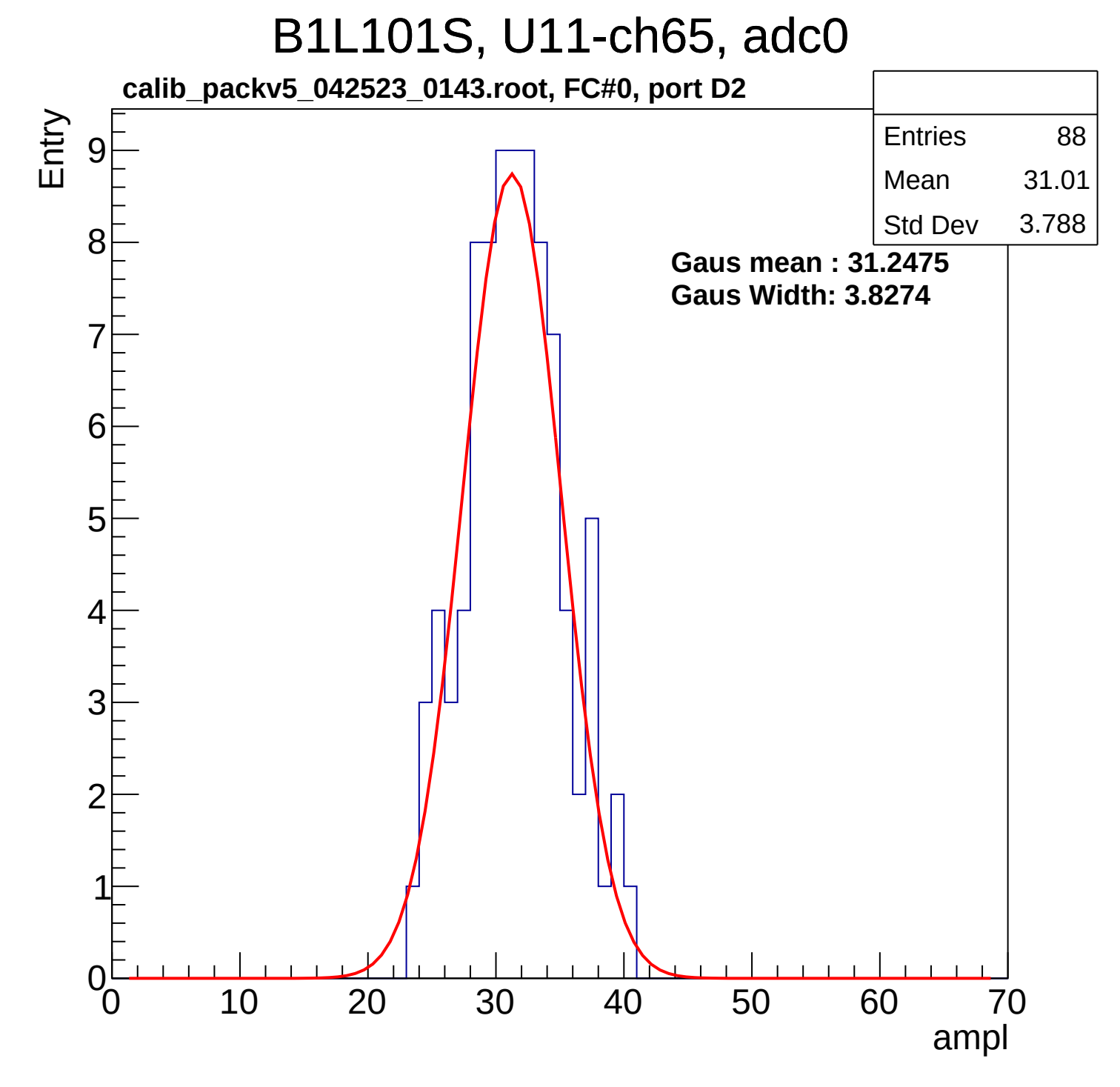

B1L101S, U11-ch64, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 46
Mean 57.85
Std Dev 8.971
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch64, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 13
Mean 62.15
Std Dev 0.9484
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch64, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch65, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 88
Mean 31.01
Std Dev 3.788
Gaus mean : 31.2475
Gaus Width: 3.8274
Entry
ampl
0
1
2
3
4
5
6
7
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9
0
10
20
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50
60
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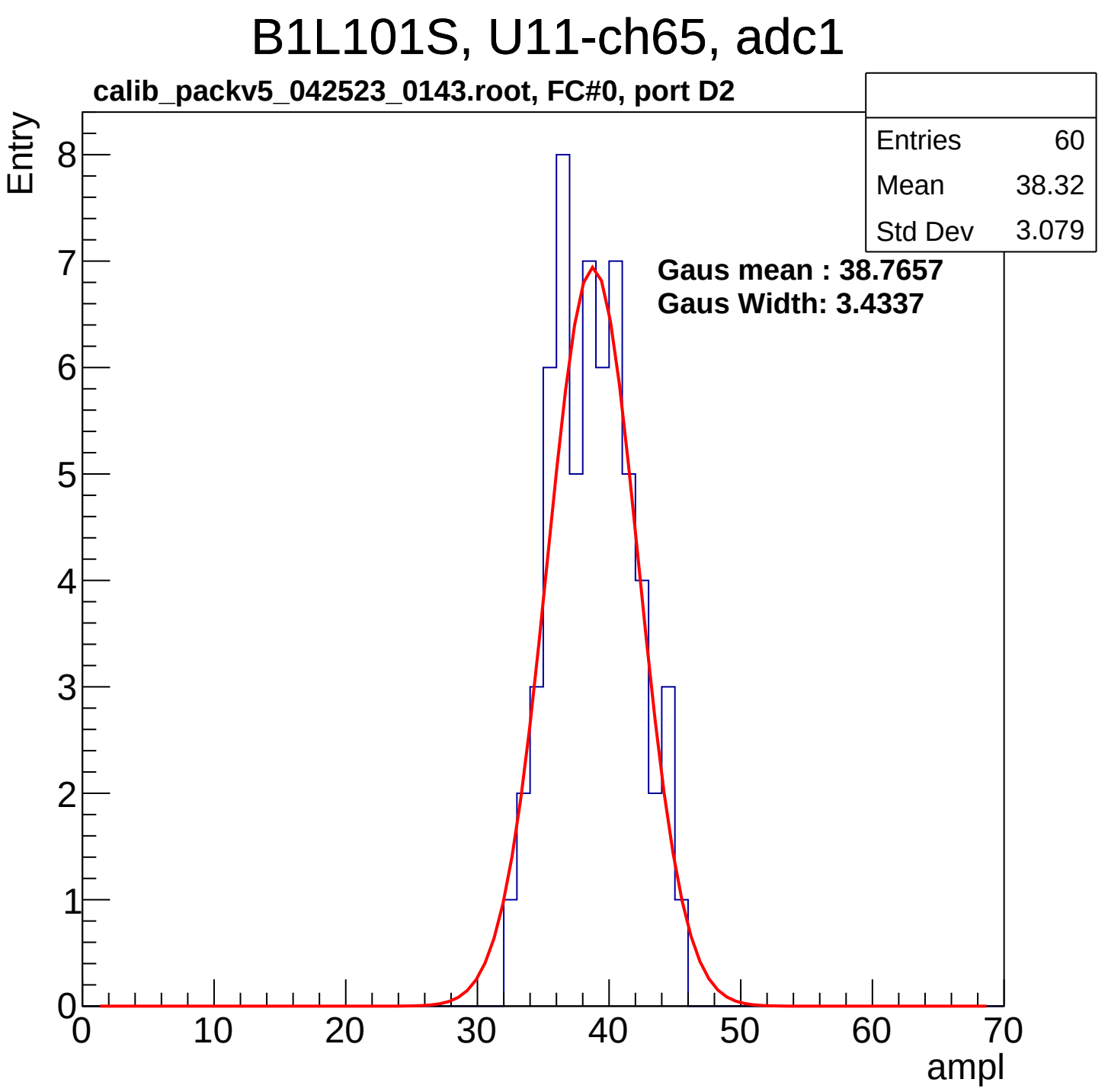
B1L101S, U11-ch65, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 38.32
Std Dev 3.079
Gaus mean : 38.7657
Gaus Width: 3.4337
Entry
ampl
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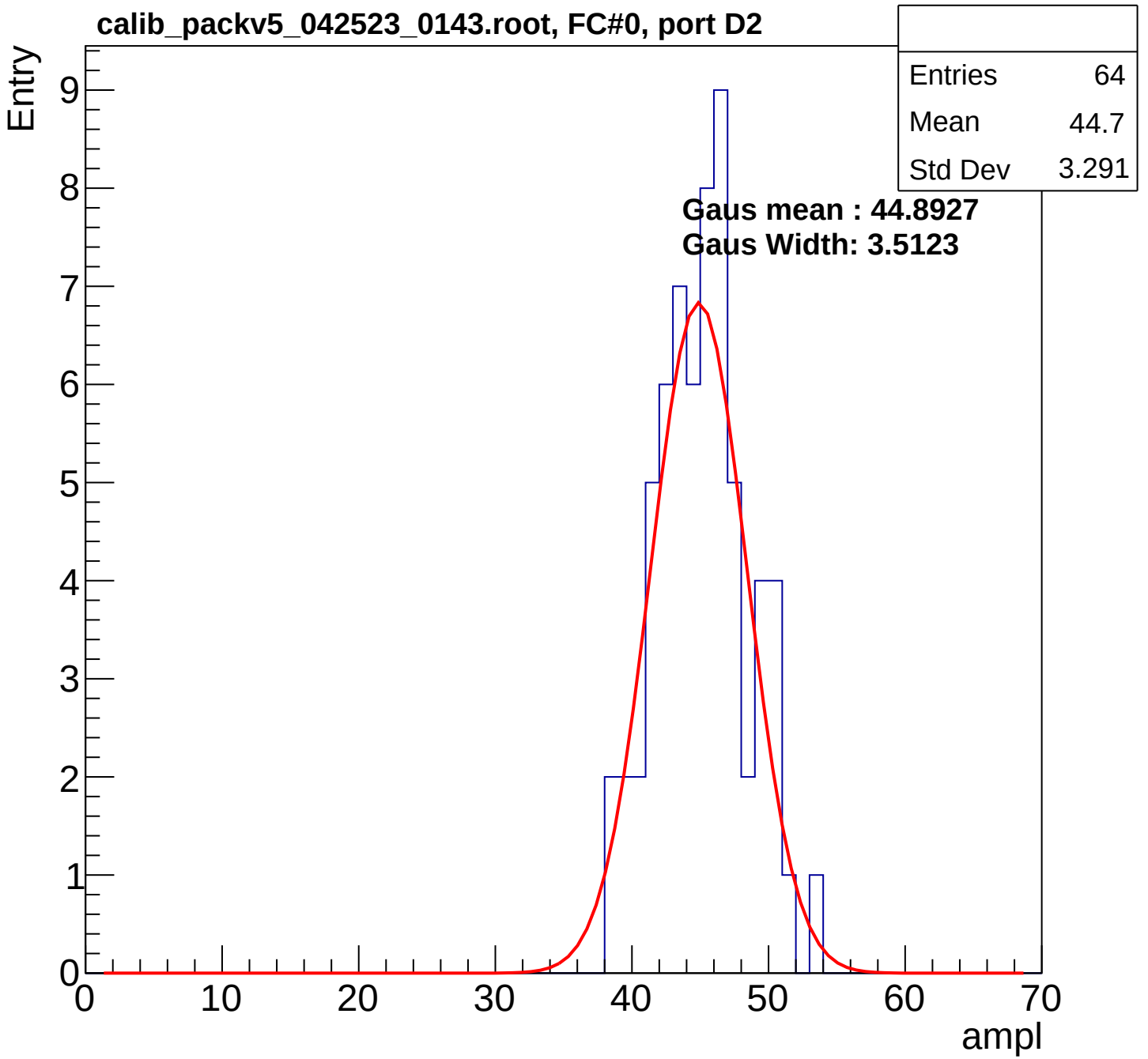
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch65, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 44.7
Std Dev 3.291
Gaus mean : 44.8927
Gaus Width: 3.5123
Entry
ampl
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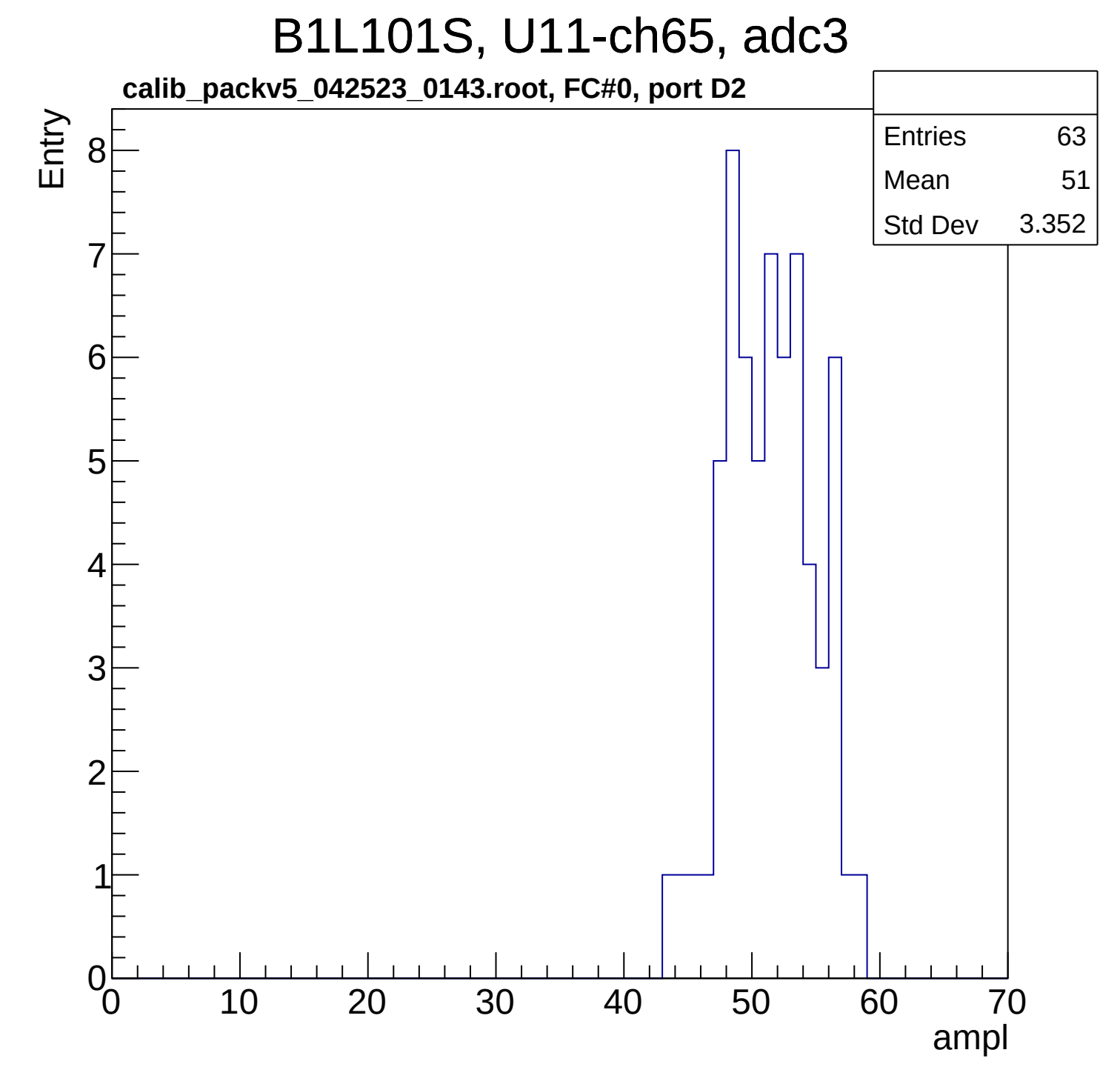
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L101S, U11-ch65, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 51
Std Dev 3.352
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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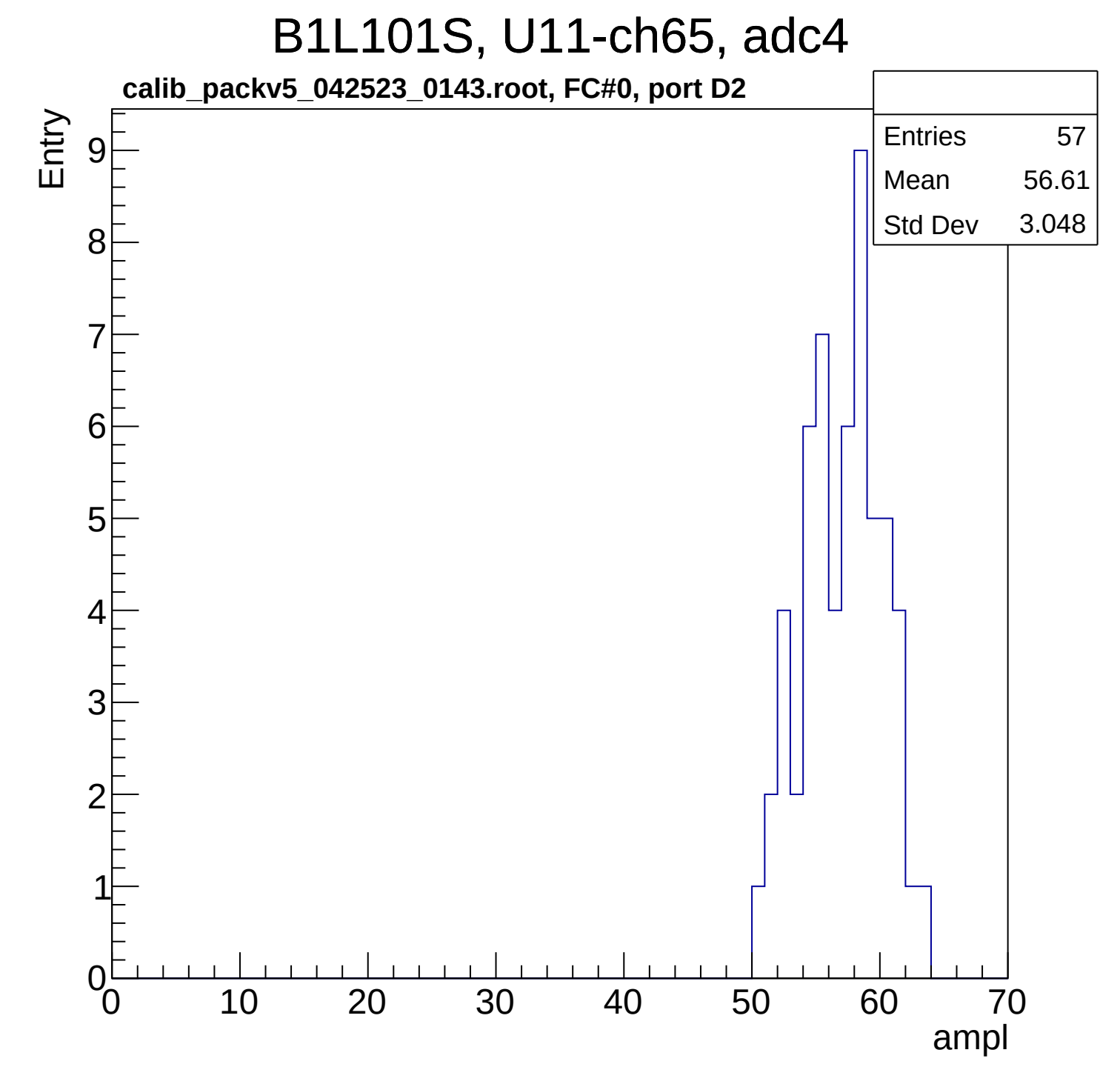
60
70


B1L101S, U11-ch65, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 56.61
Std Dev 3.048
Entry
ampl
0
1
2
3
4
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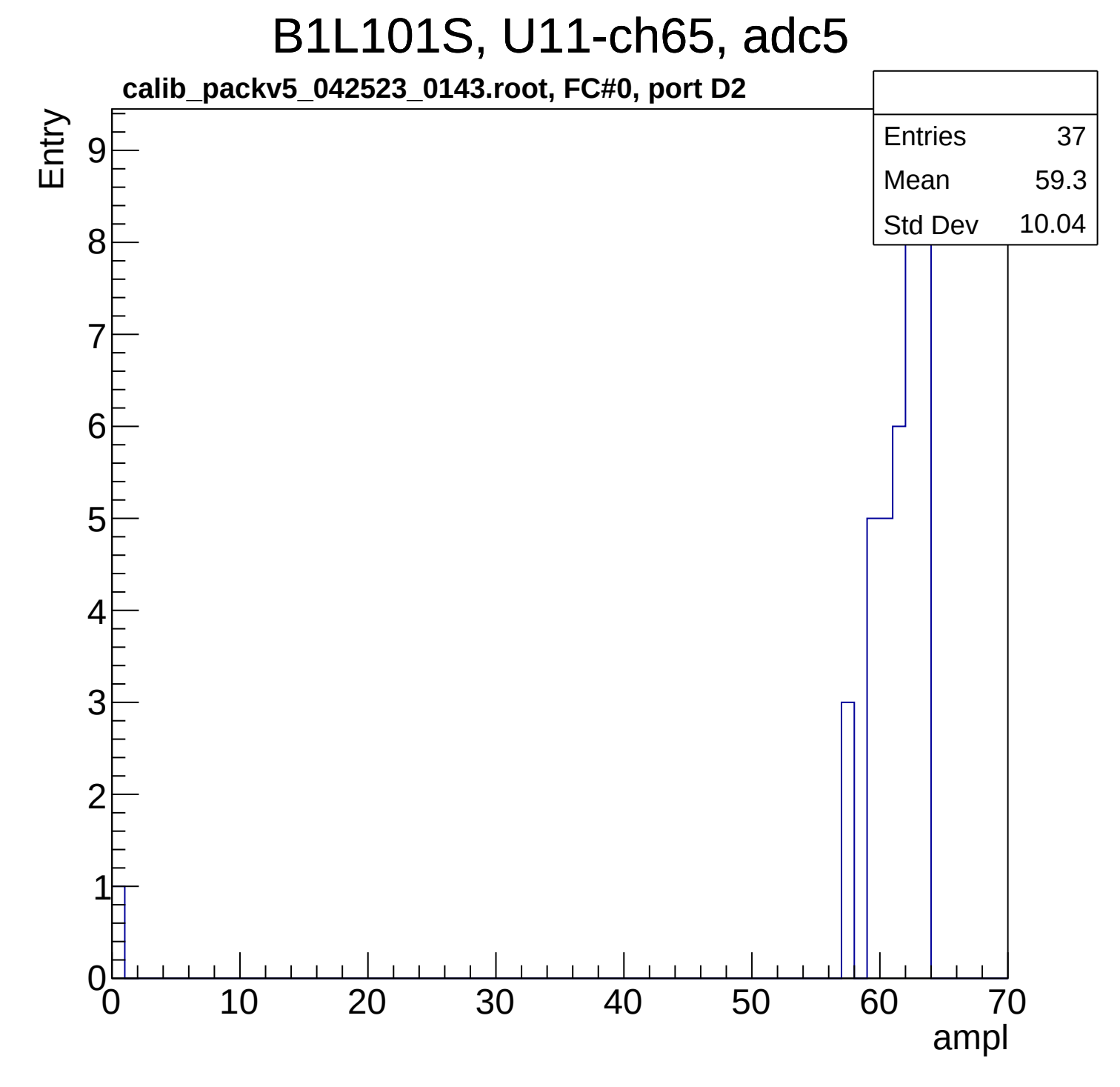
B1L101S, U11-ch65, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 37
Mean 59.3
Std Dev 10.04
Entry
ampl
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1
2
3
4
5
6
7
8
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0
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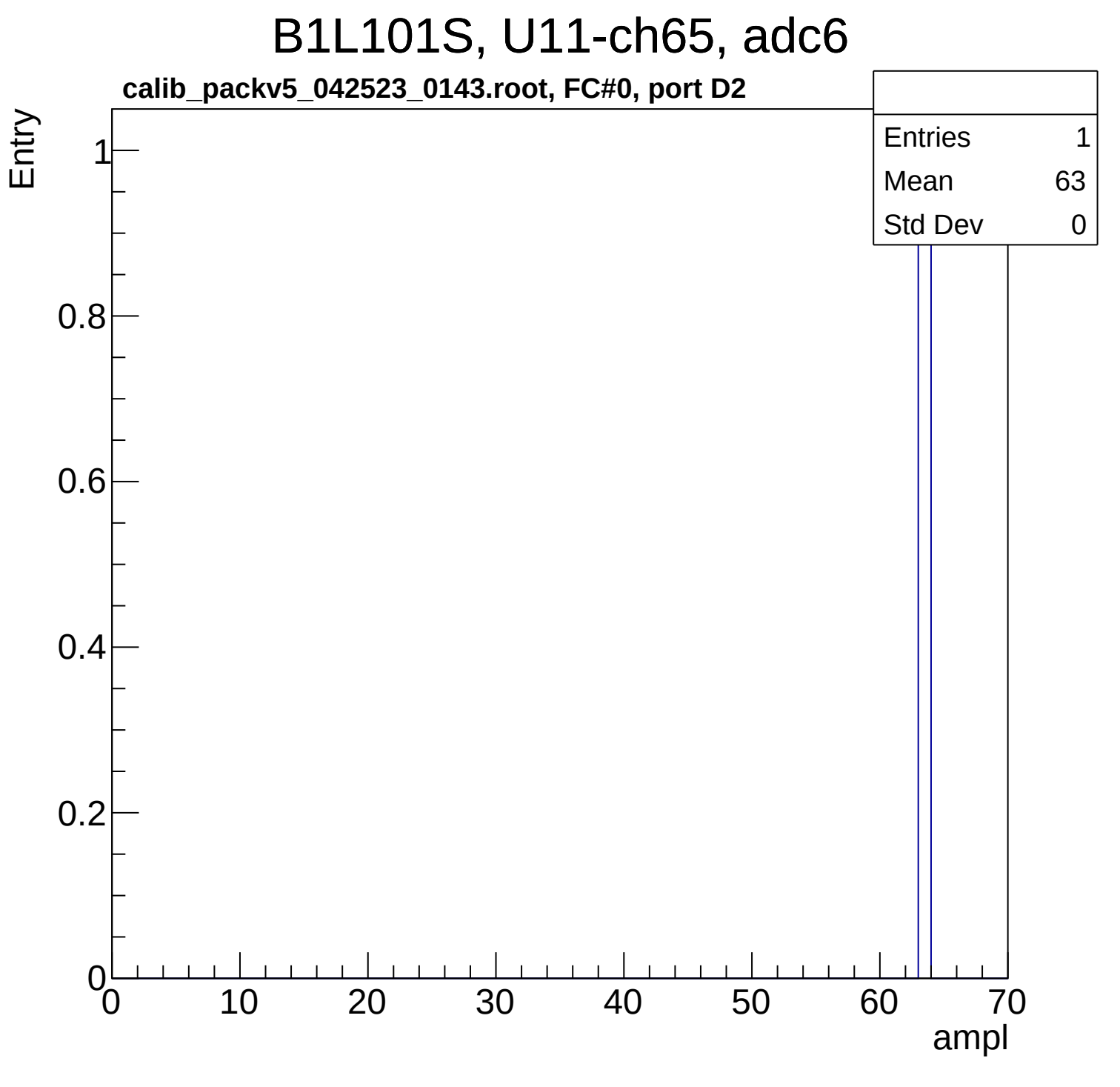
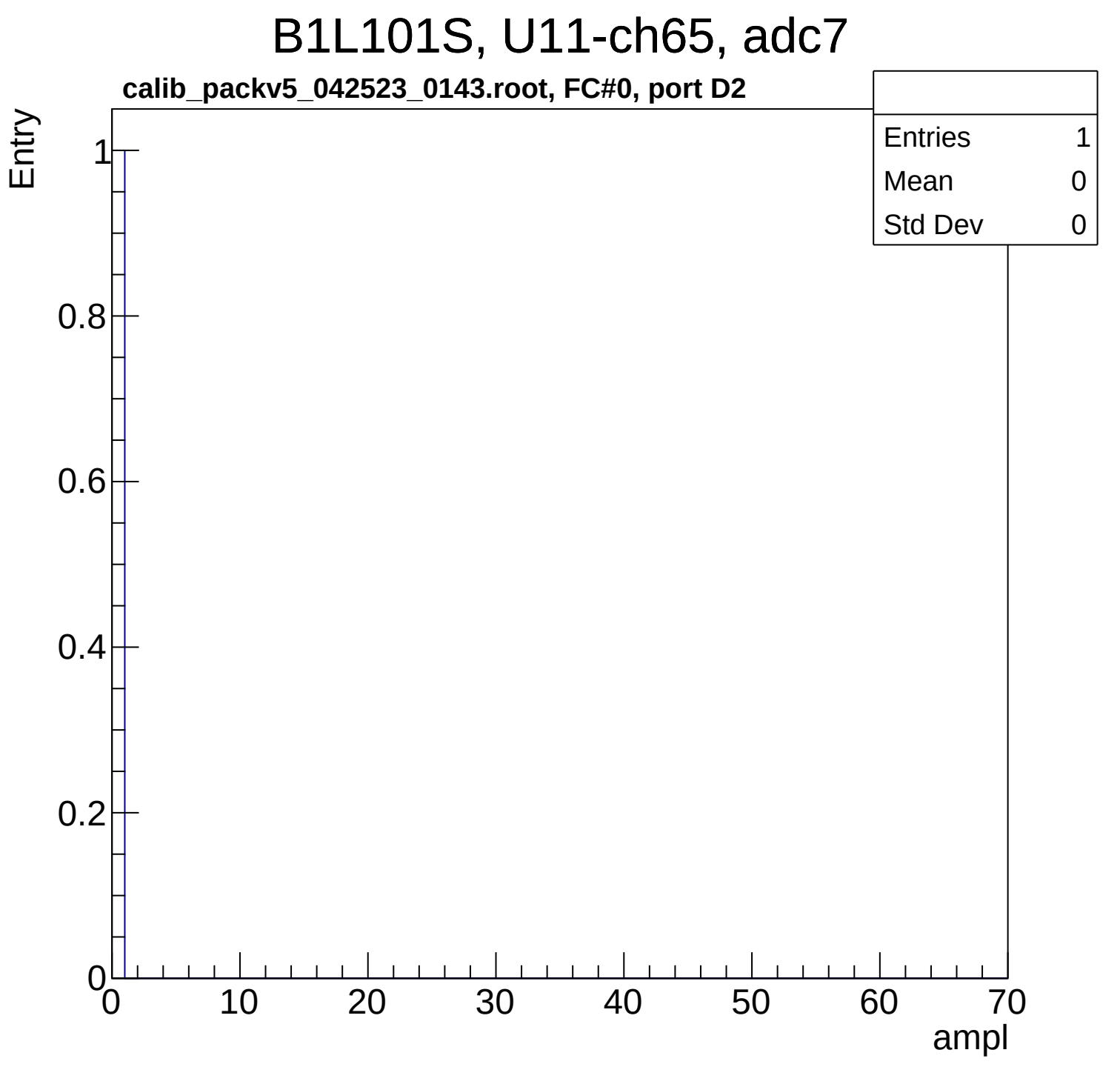
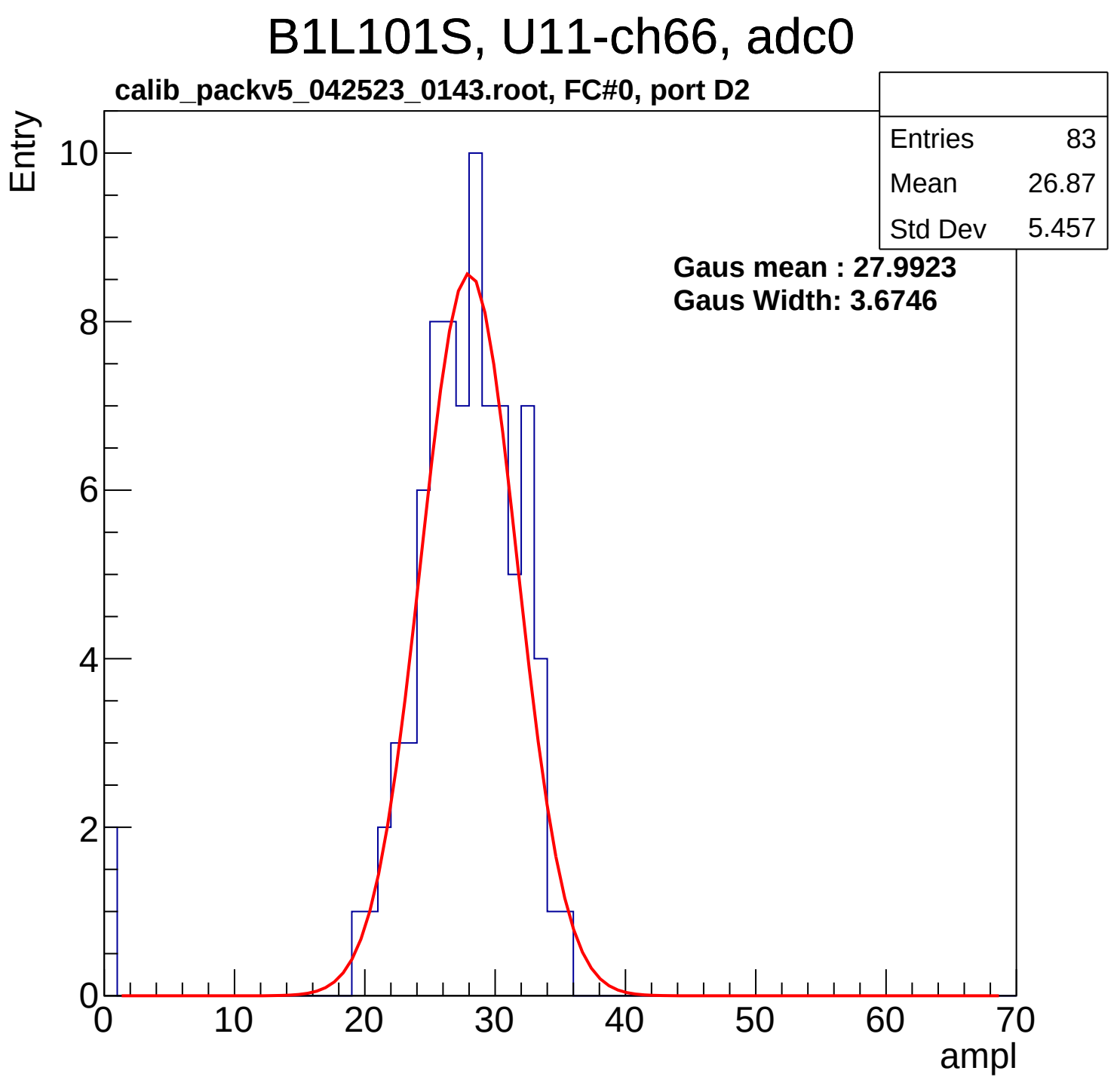

B1L101S, U11-ch65, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch65, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch66, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 83
Mean 26.87
Std Dev 5.457
Gaus mean : 27.9923
Gaus Width: 3.6746
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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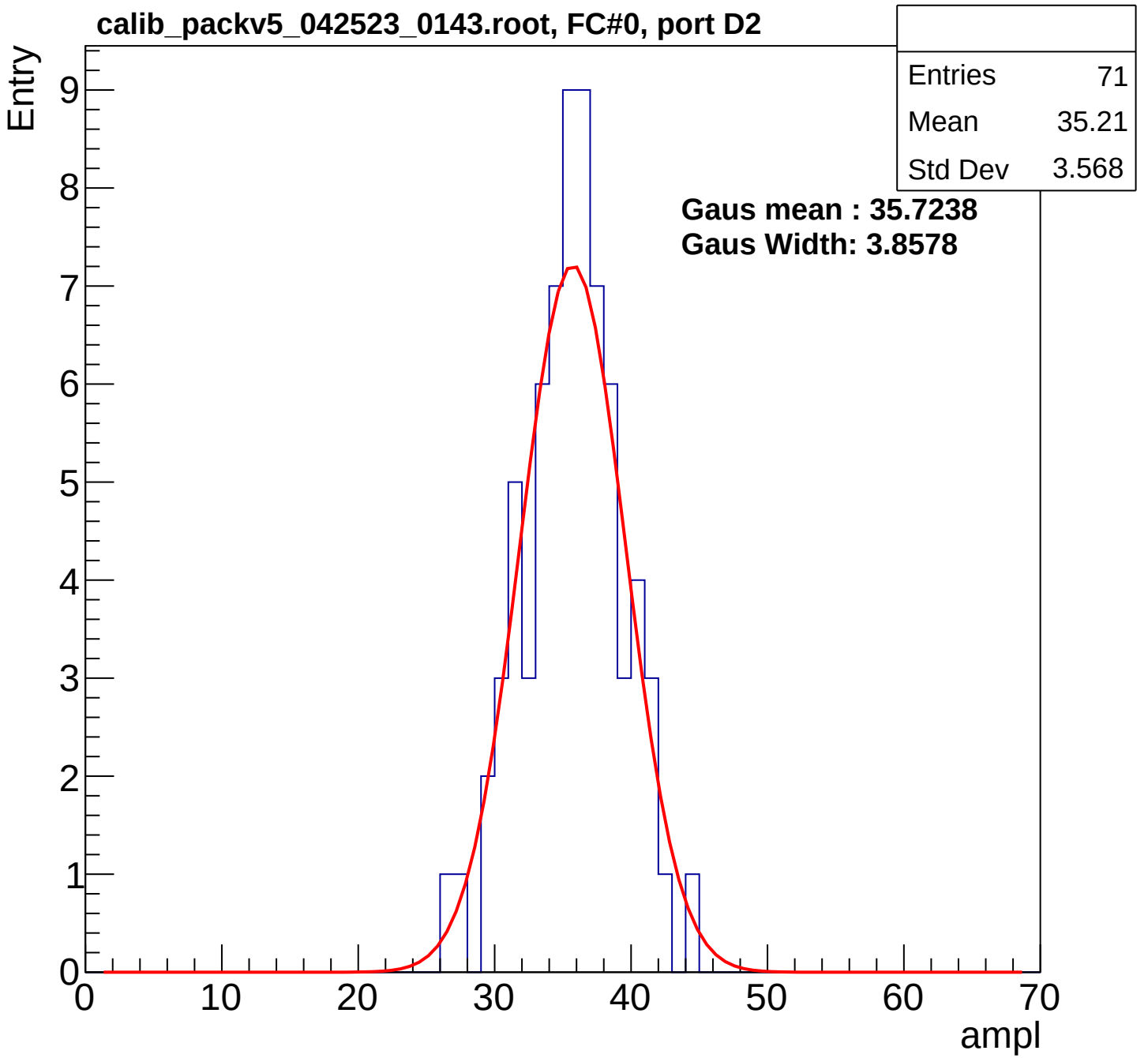
B1L101S, U11-ch66, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 35.21
Std Dev 3.568
Gaus mean : 35.7238
Gaus Width: 3.8578
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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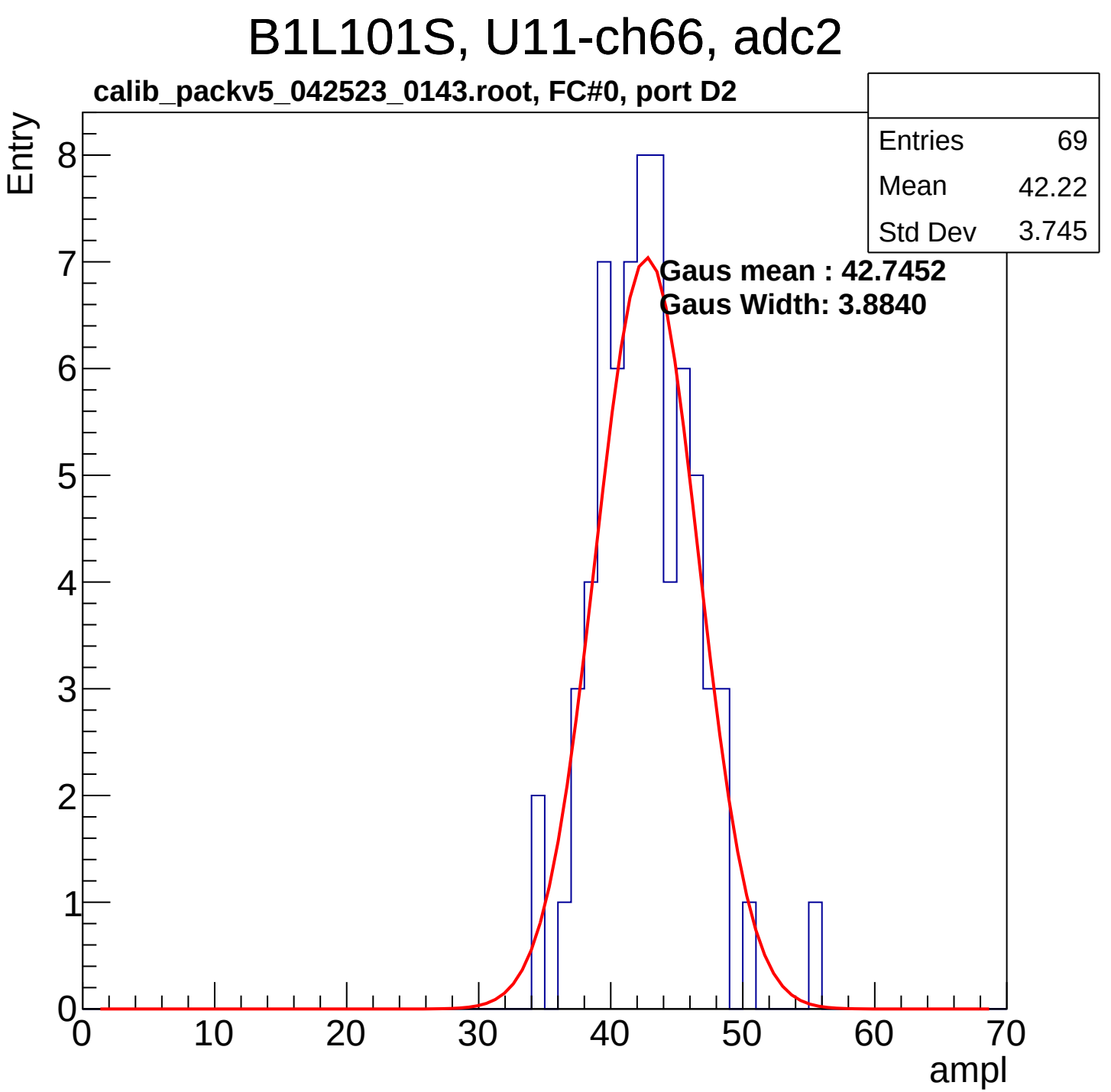
B1L101S, U11-ch66, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 42.22
Std Dev 3.745
Gaus mean : 42.7452
Gaus Width: 3.8840
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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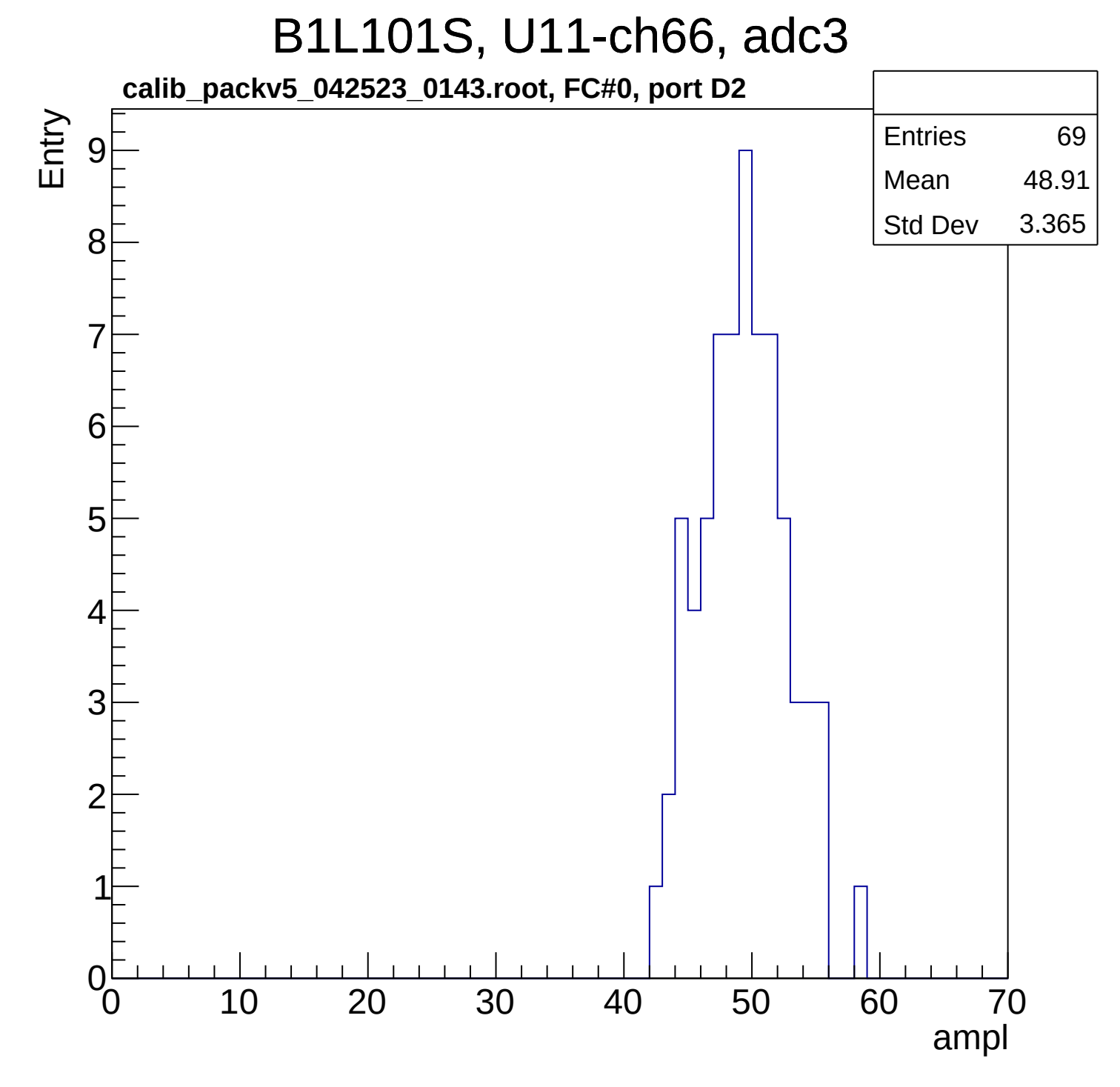
B1L101S, U11-ch66, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 48.91
Std Dev 3.365
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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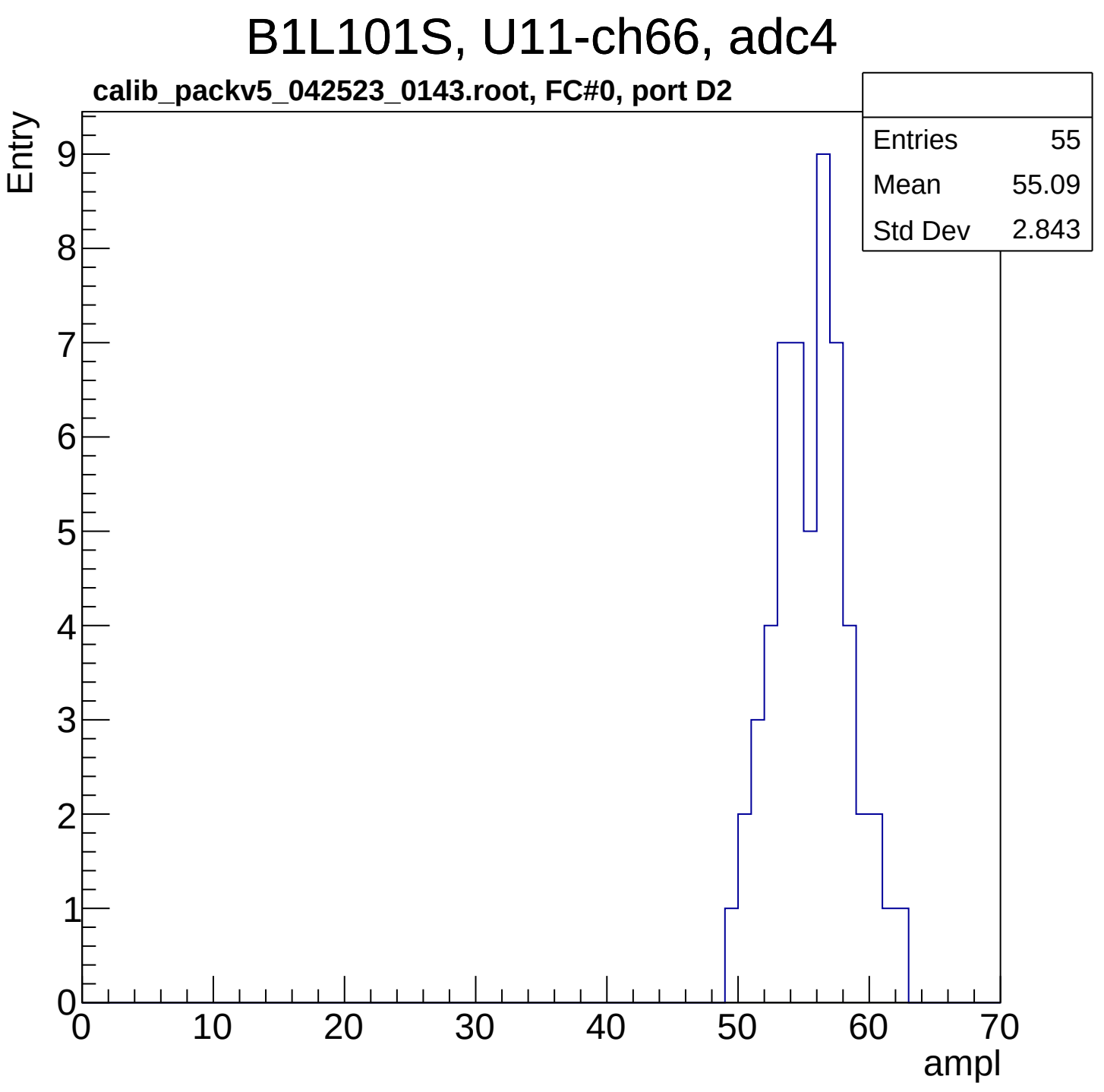
B1L101S, U11-ch66, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 55.09
Std Dev 2.843
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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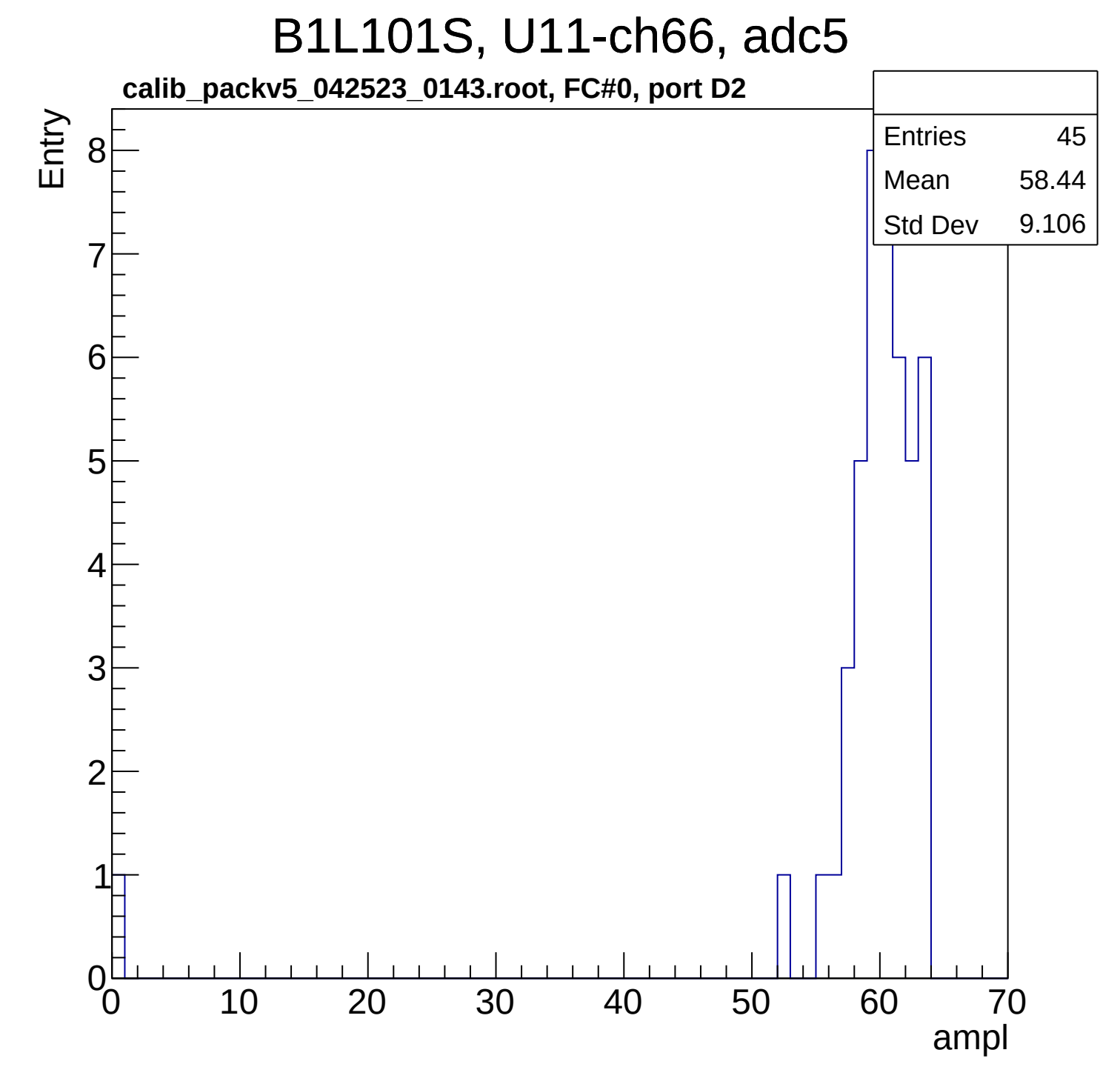
B1L101S, U11-ch66, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 45
Mean 58.44
Std Dev 9.106
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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60
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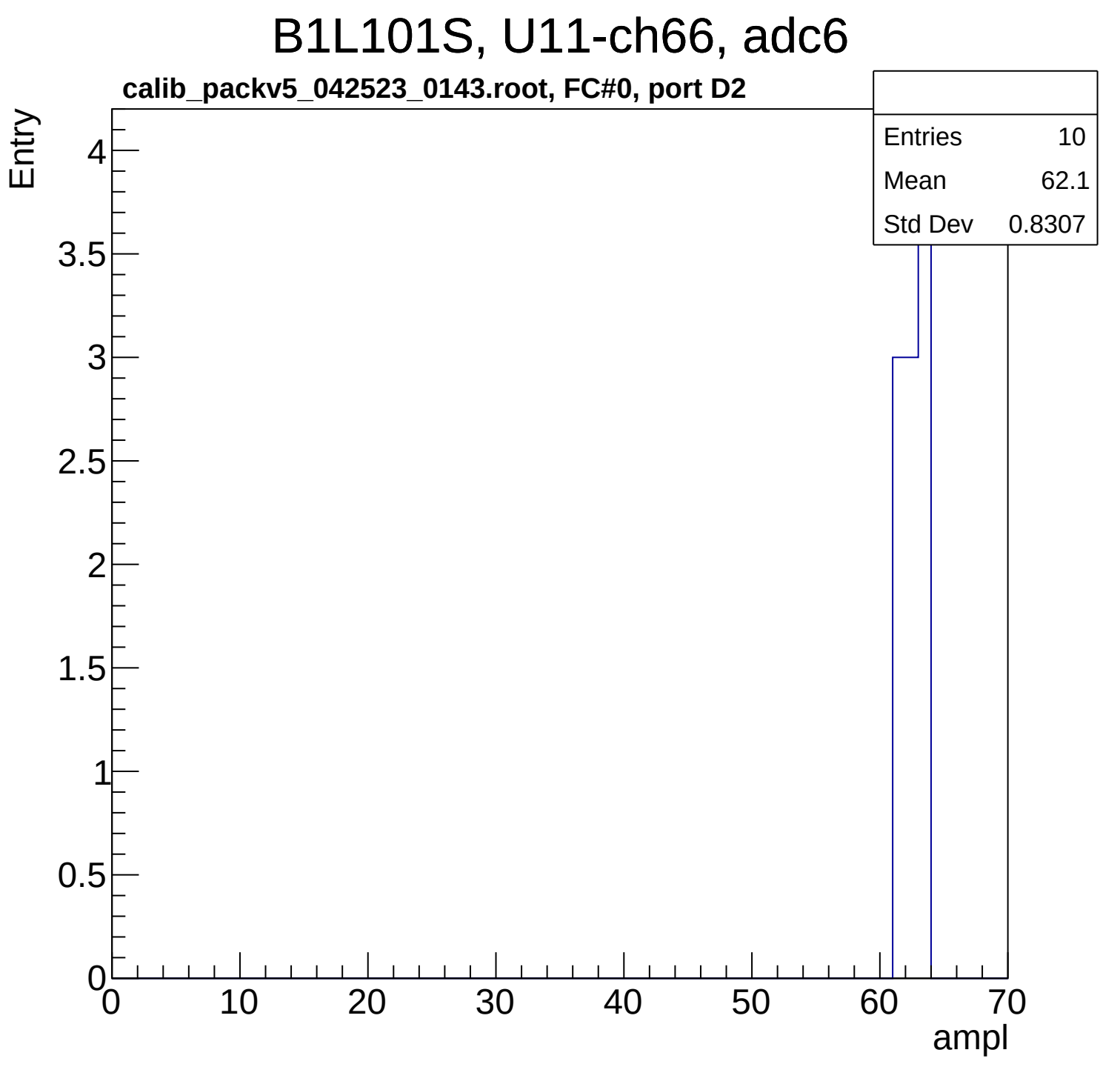
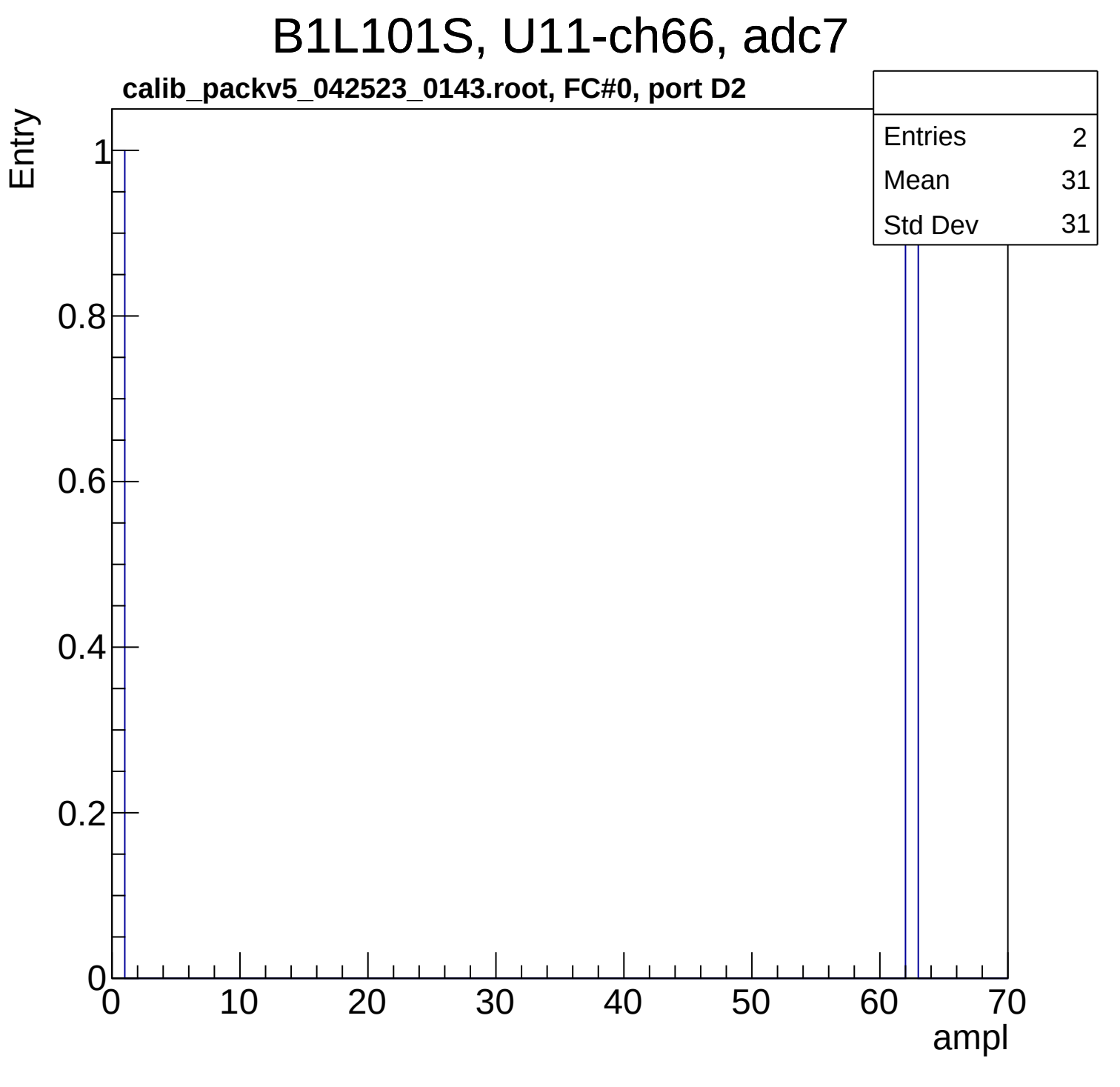
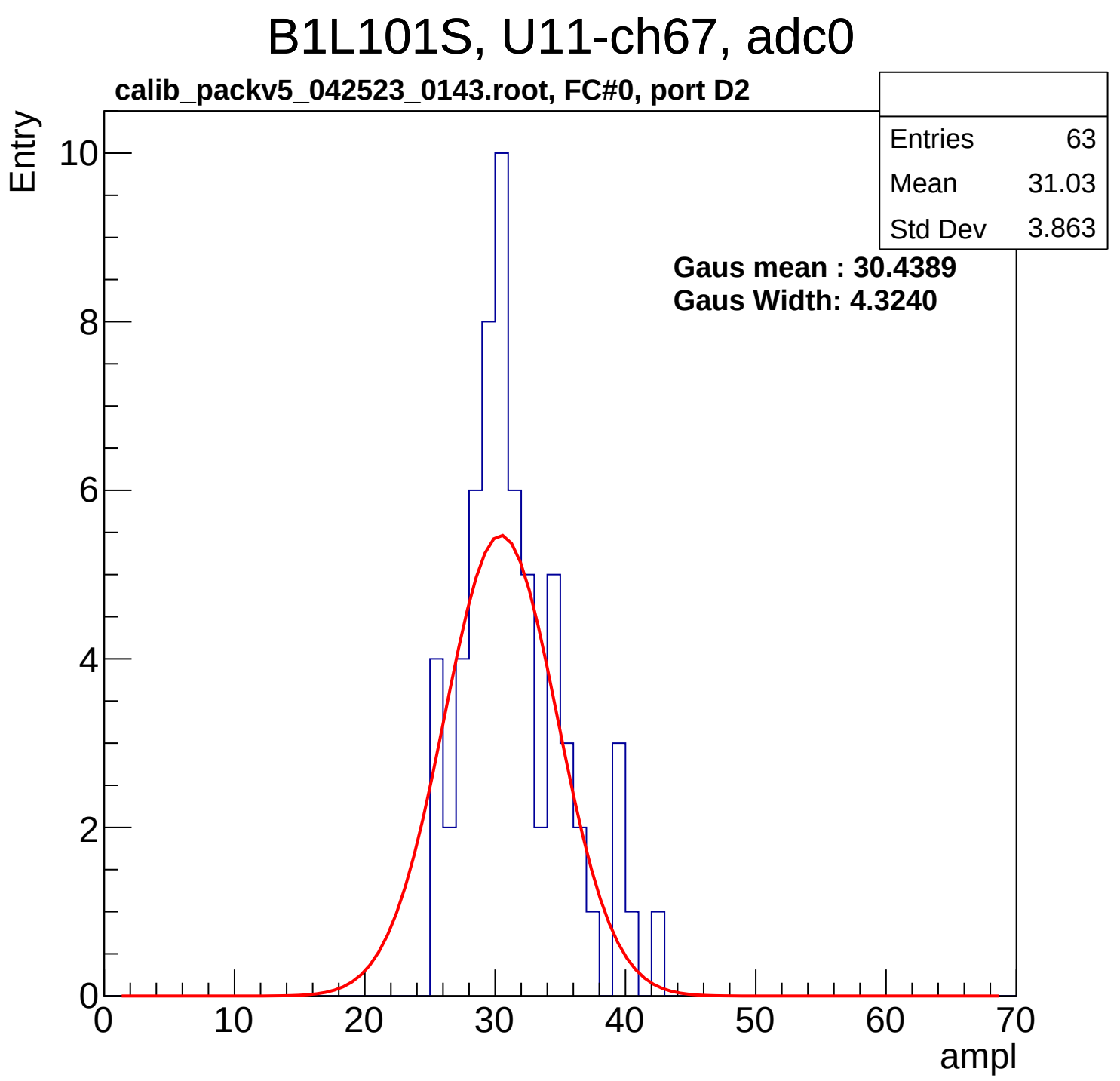
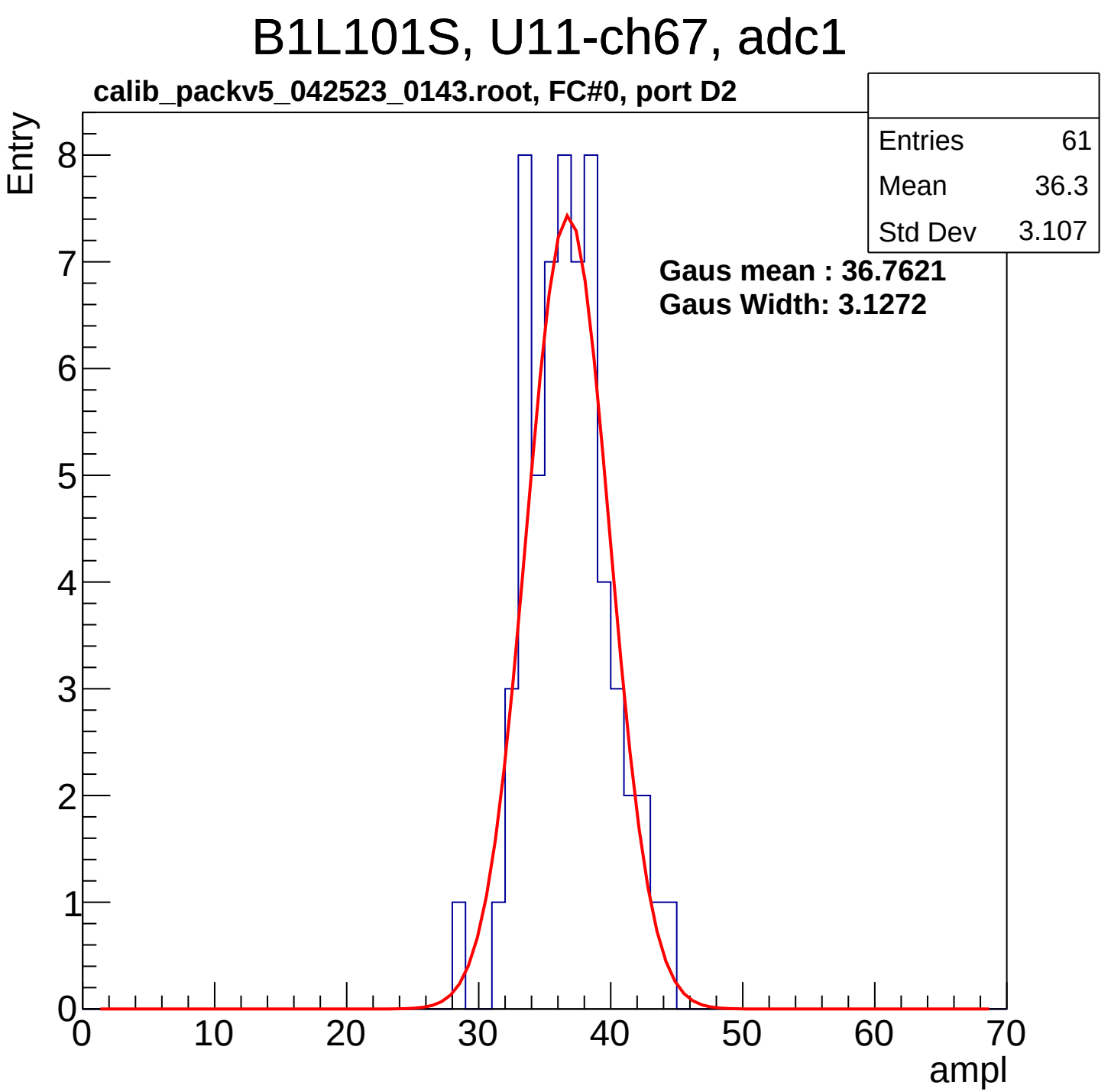
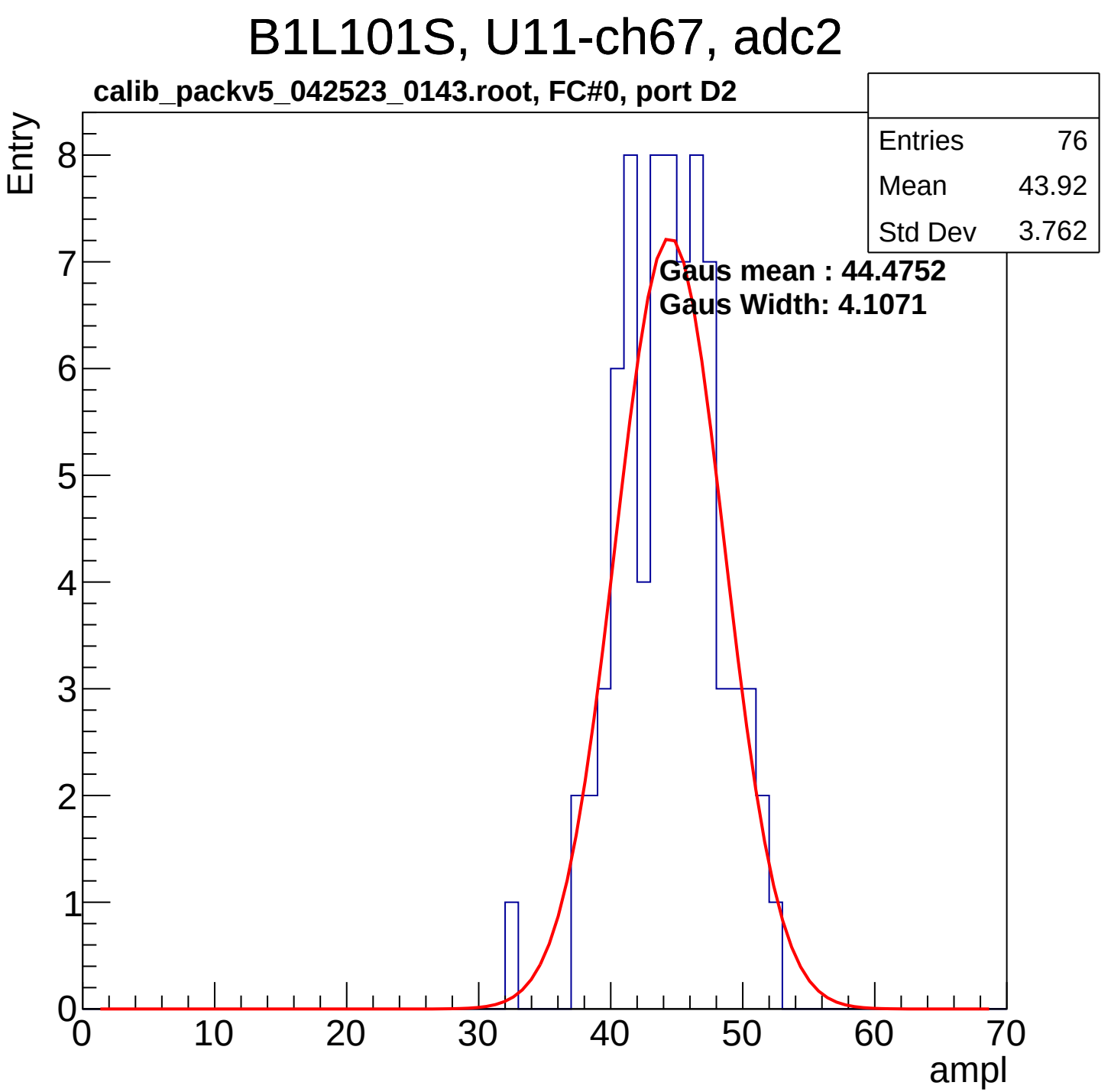

B1L101S, U11-ch66, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 10
Mean 62.1
Std Dev 0.8307
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L101S, U11-ch66, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch67, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 31.03
Std Dev 3.863
Gaus mean : 30.4389
Gaus Width: 4.3240
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch67, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 36.3
Std Dev 3.107
Gaus mean : 36.7621
Gaus Width: 3.1272
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch67, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 43.92
Std Dev 3.762
Gaus mean : 44.4752
Gaus Width: 4.1071
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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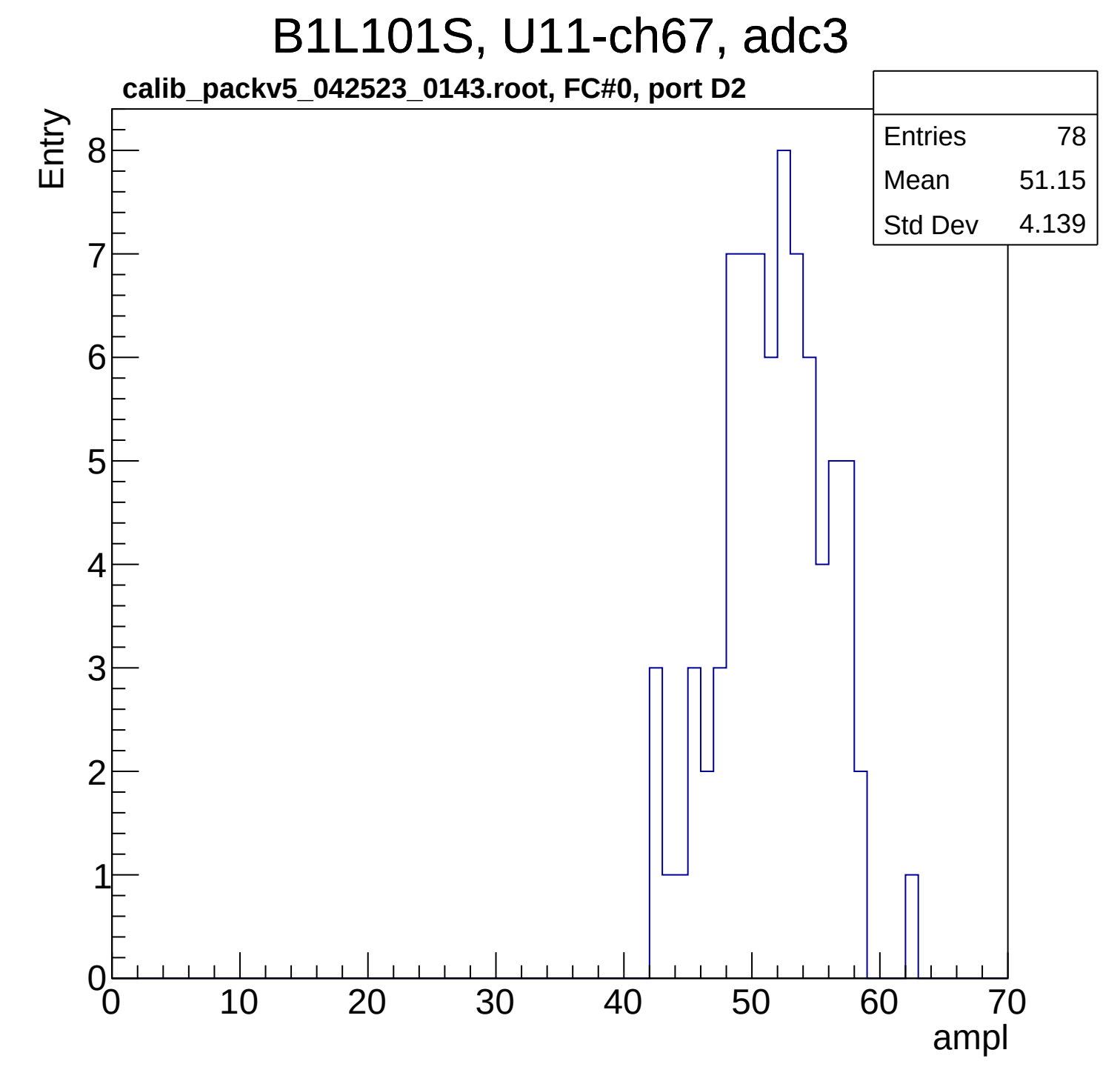
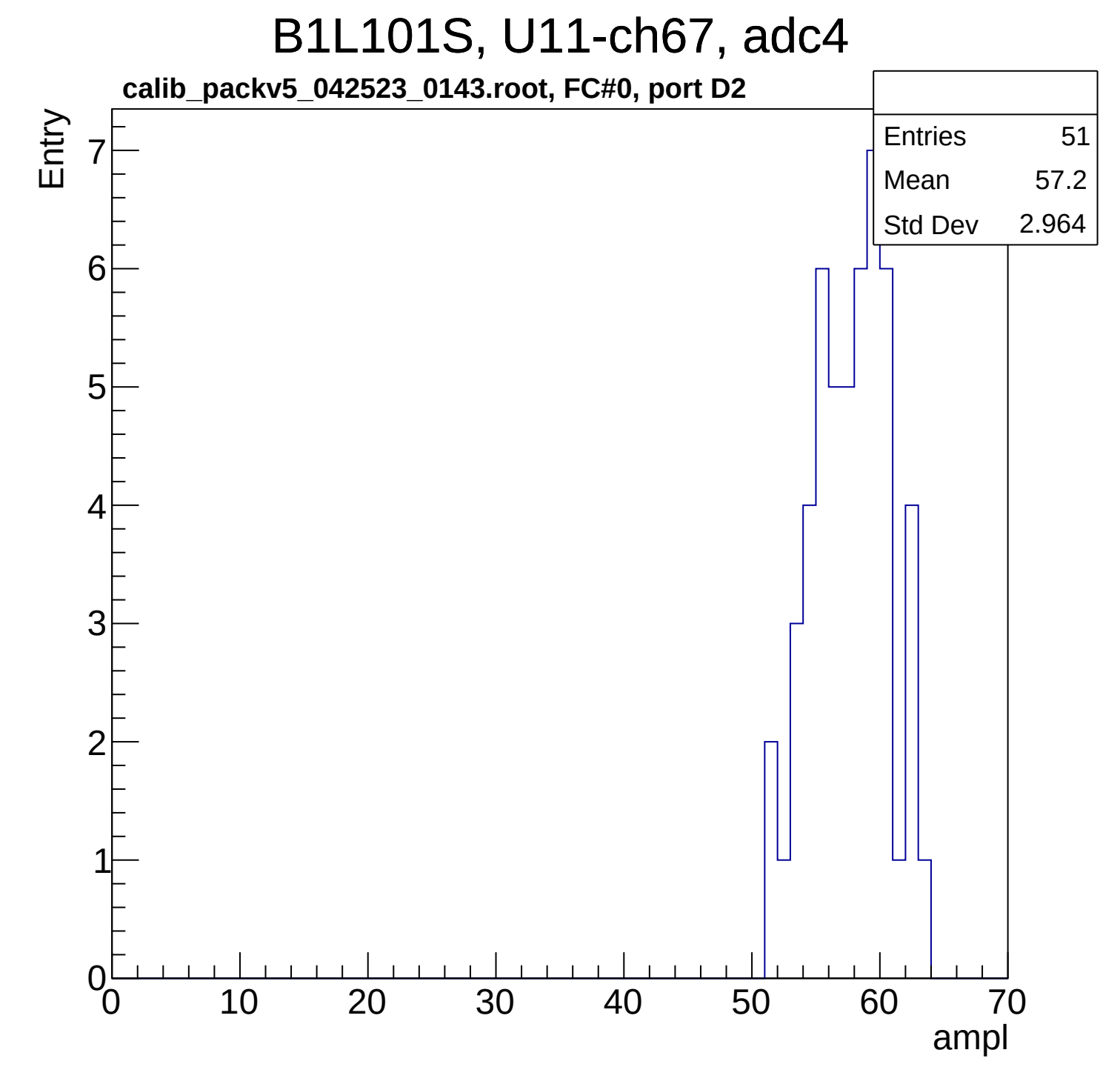

B1L101S, U11-ch67, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 78
Mean 51.15
Std Dev 4.139
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch67, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 57.2
Std Dev 2.964
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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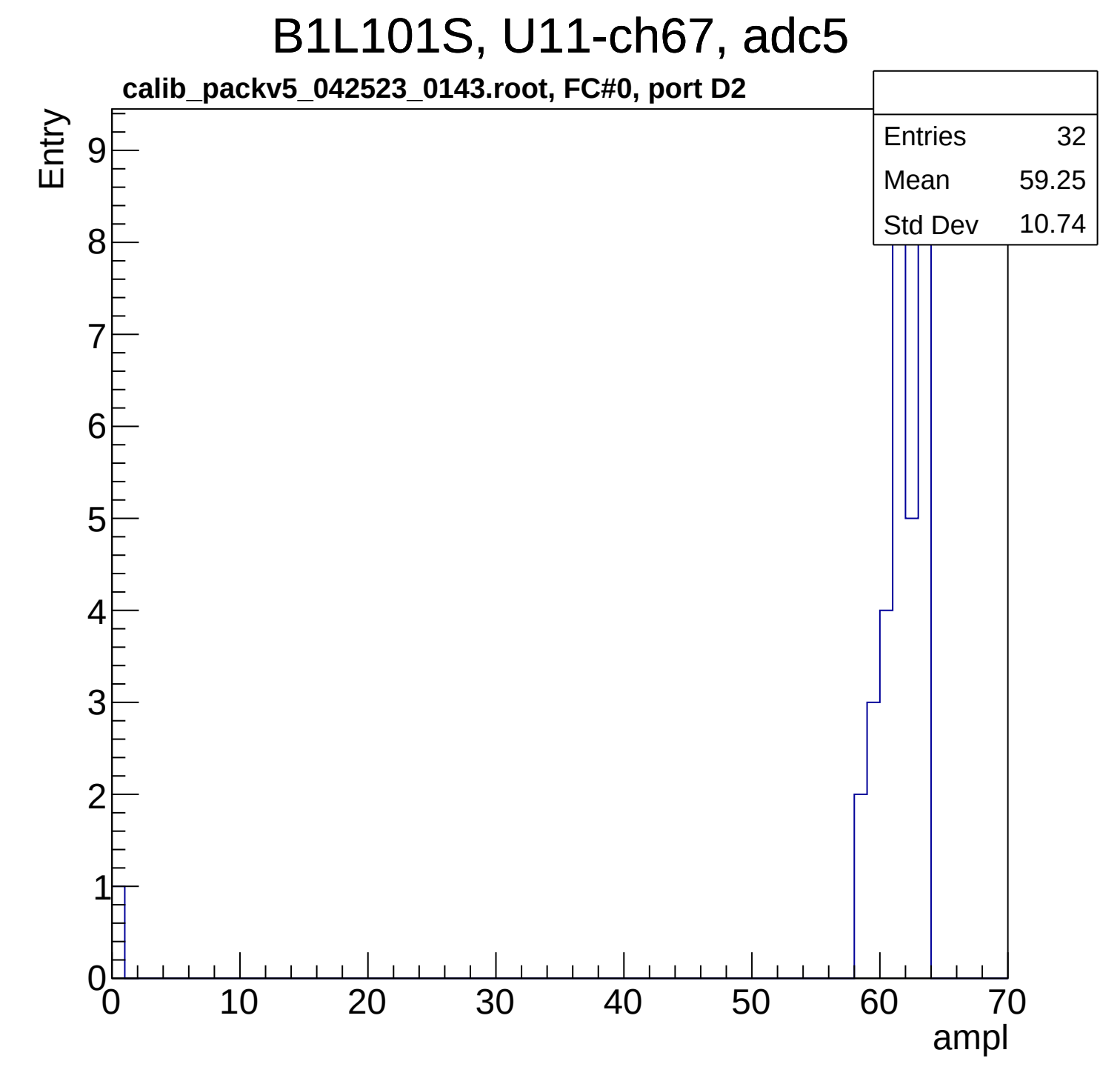
B1L101S, U11-ch67, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 32
Mean 59.25
Std Dev 10.74
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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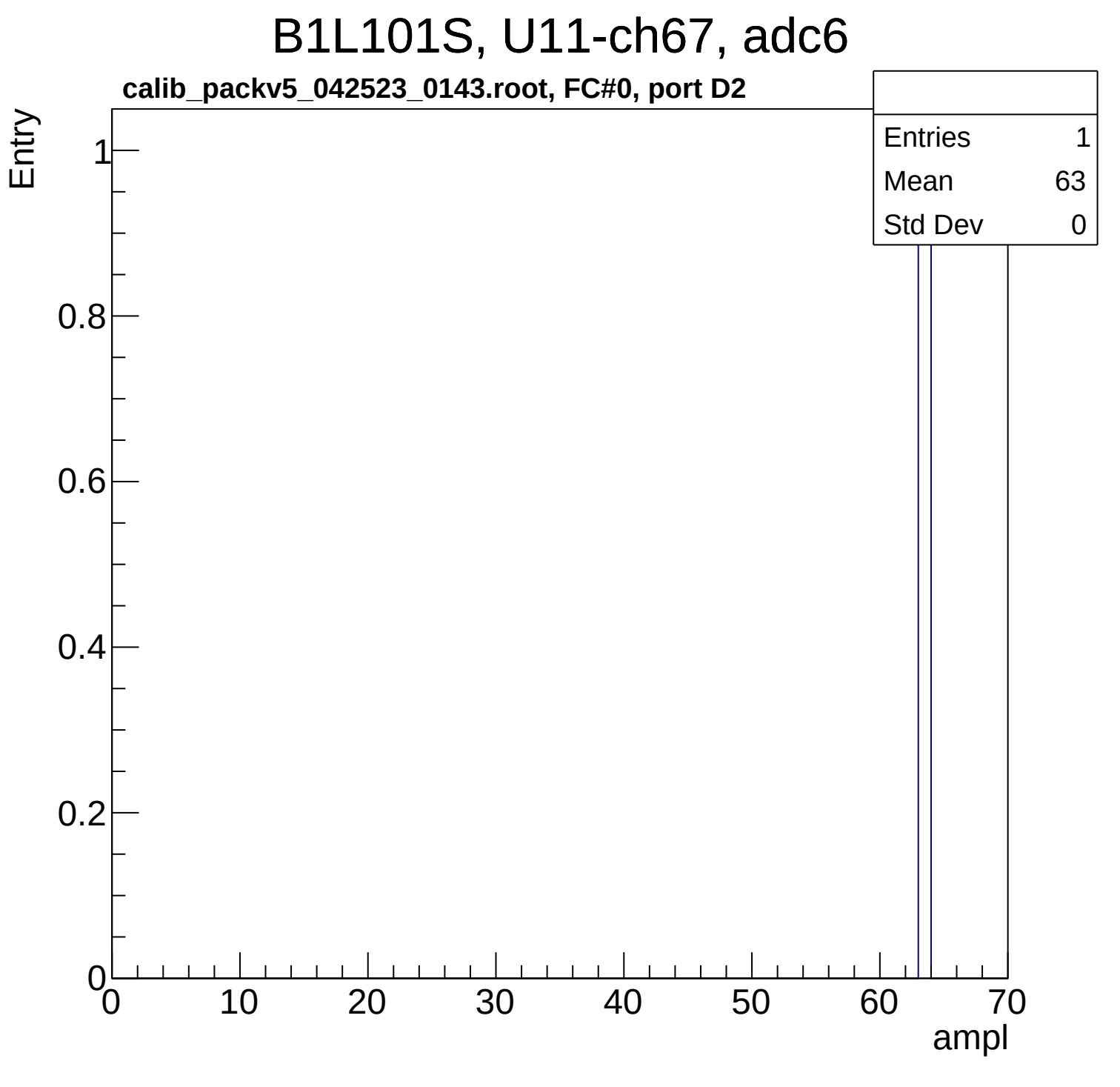
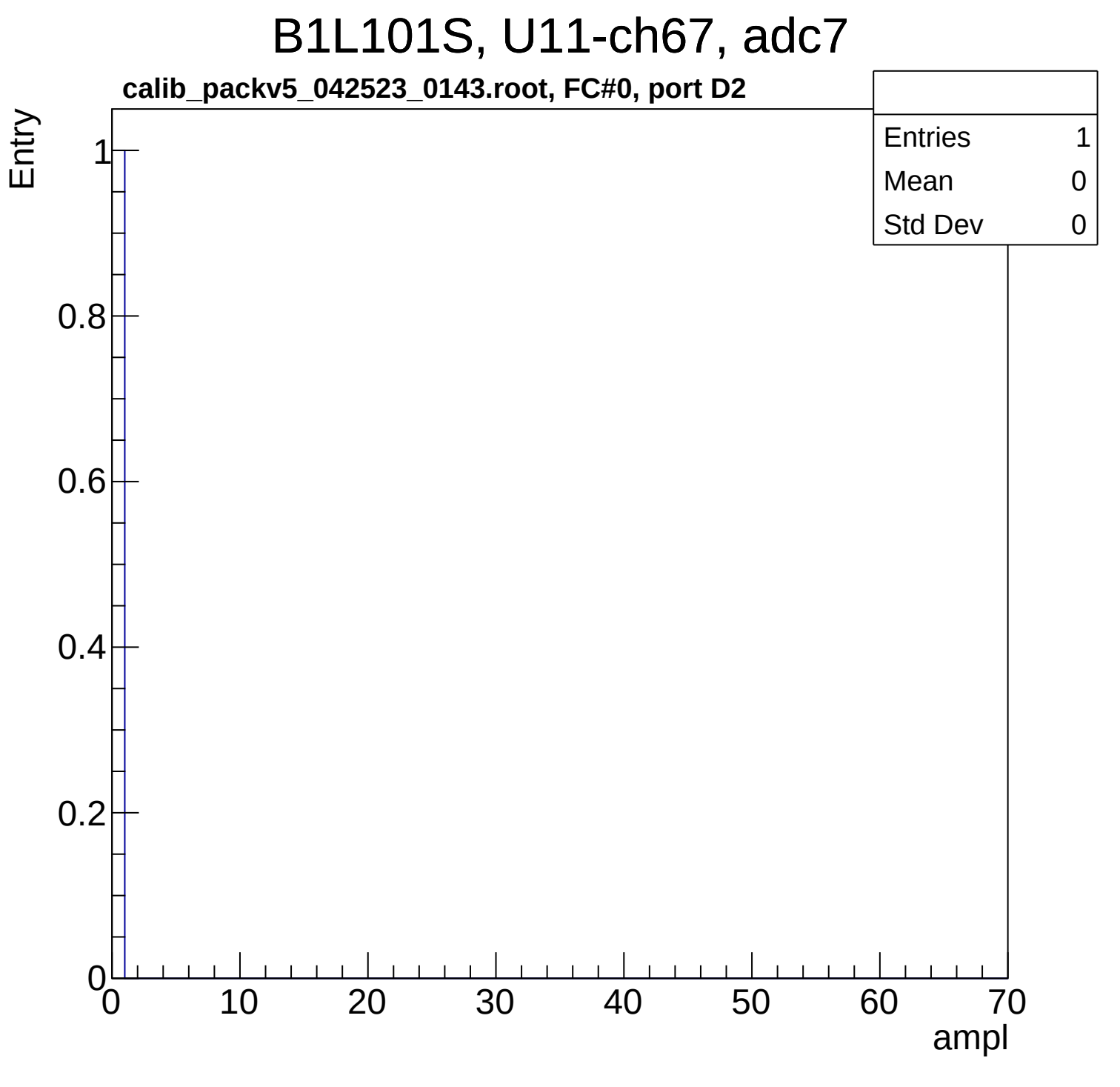

B1L101S, U11-ch67, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch67, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
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0
10
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30
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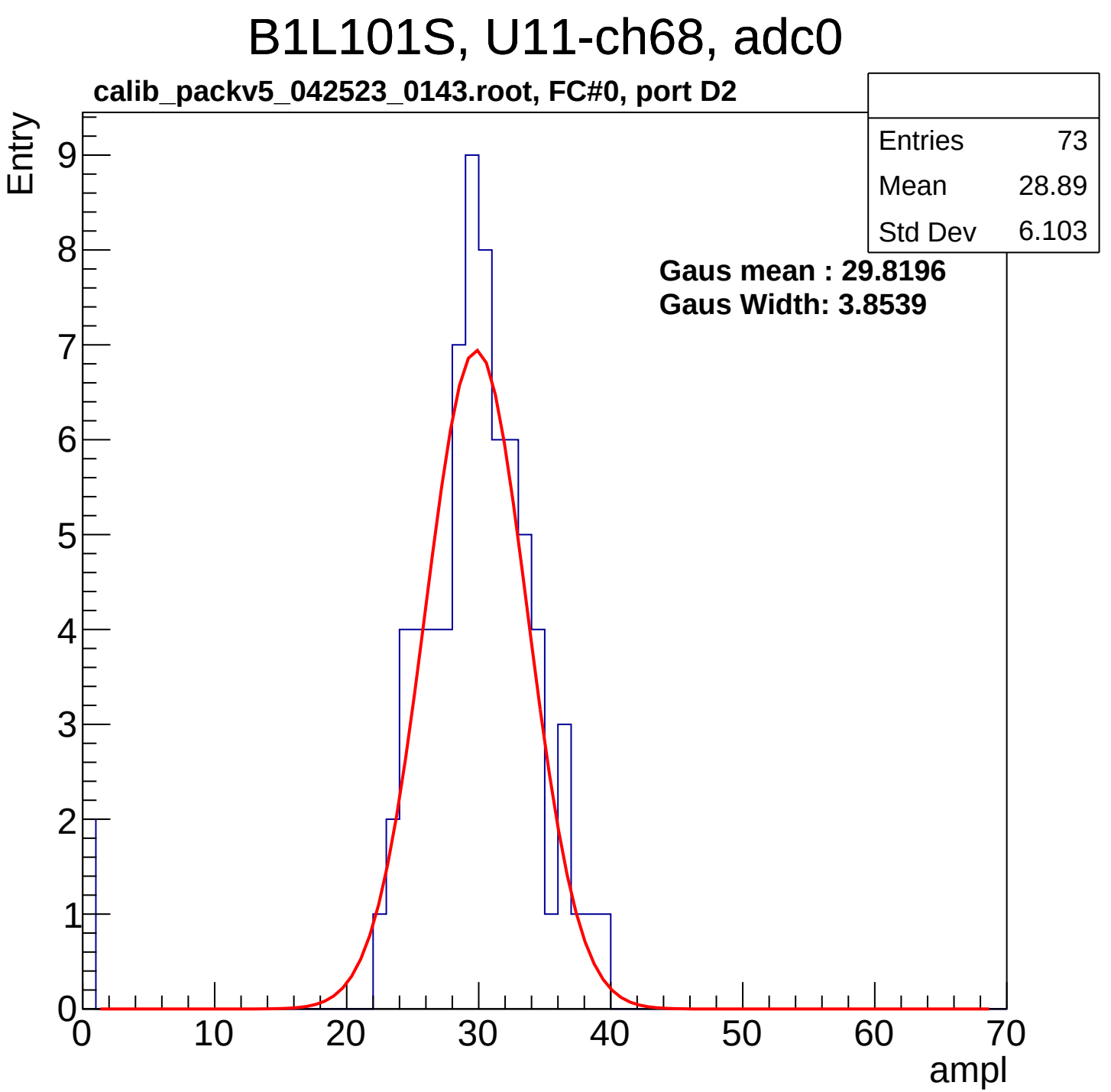
50
60
70
ampl


B1L101S, U11-ch68, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 28.89
Std Dev 6.103
Gaus mean : 29.8196
Gaus Width: 3.8539
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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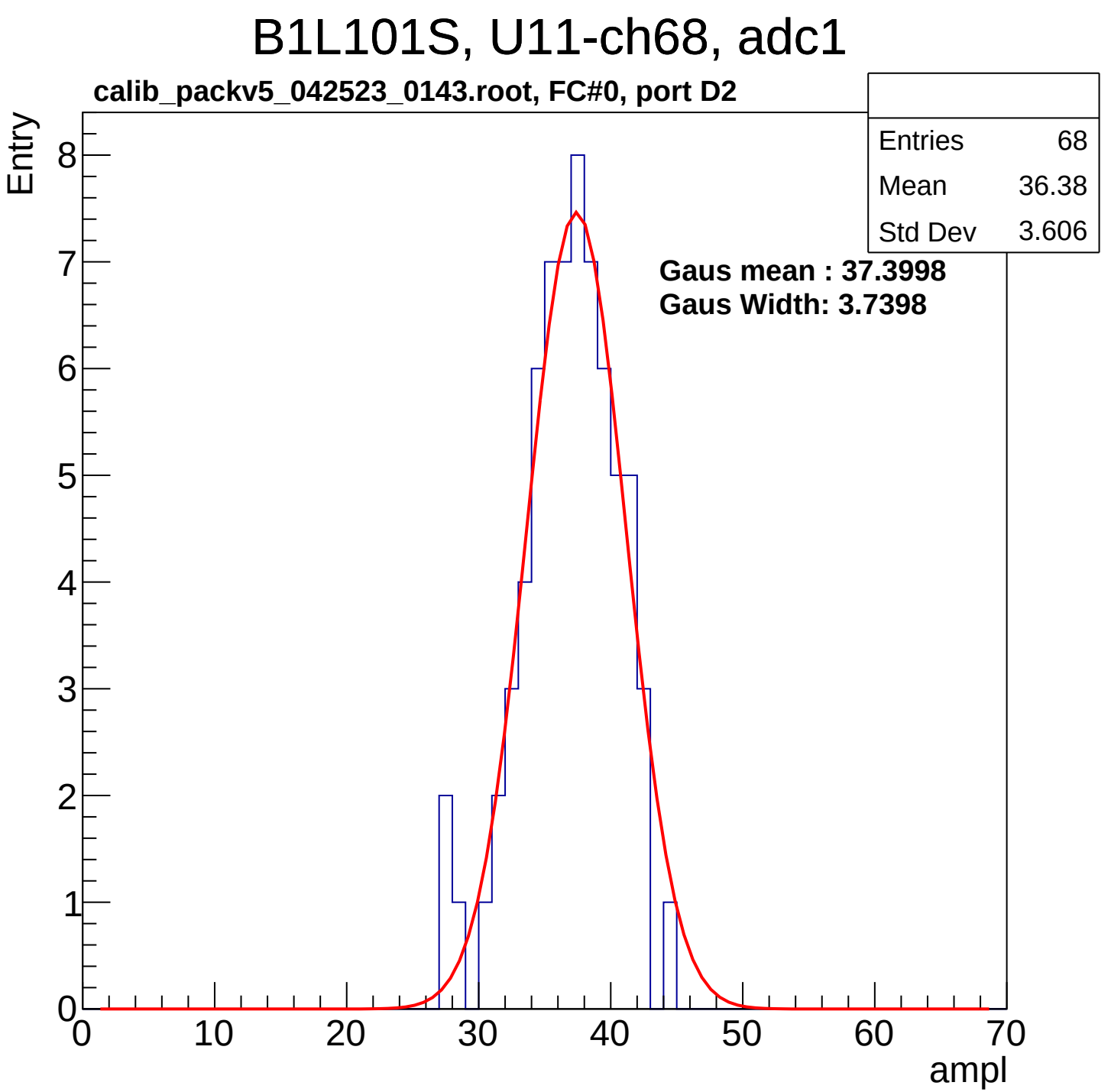
B1L101S, U11-ch68, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 36.38
Std Dev 3.606
Gaus mean : 37.3998
Gaus Width: 3.7398
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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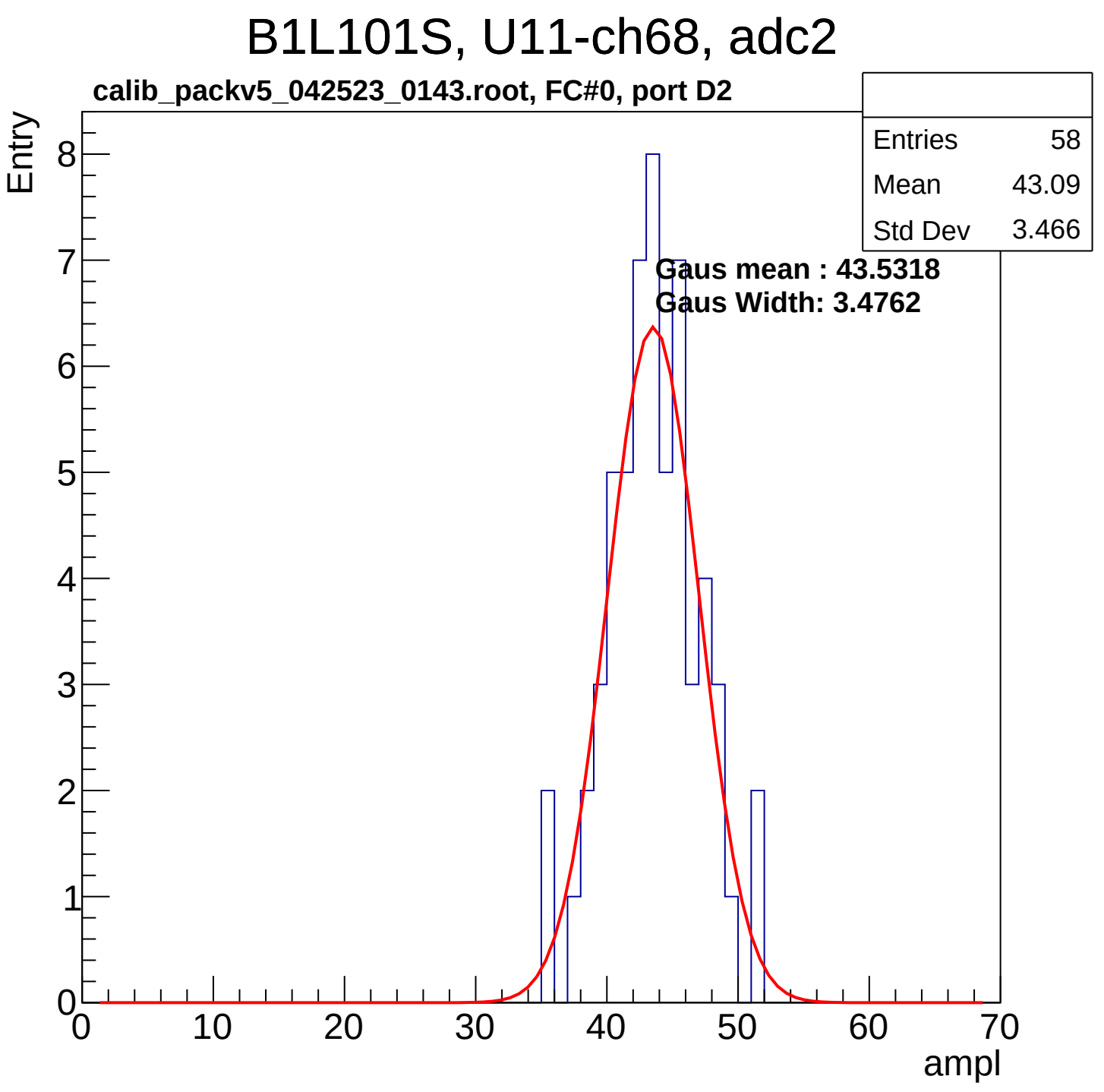
B1L101S, U11-ch68, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 43.09
Std Dev 3.466
Gaus mean : 43.5318
Gaus Width: 3.4762
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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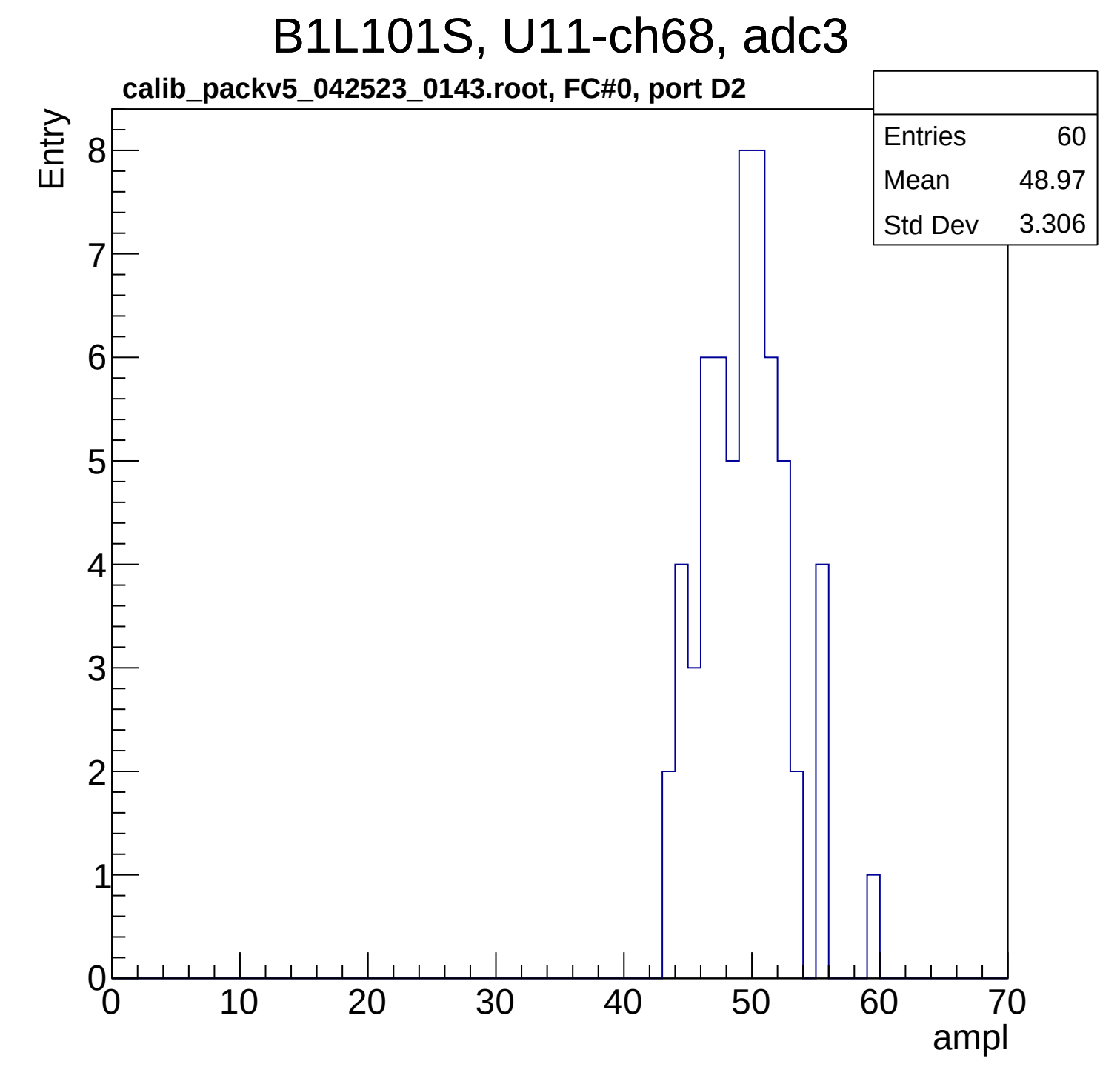
40
50
60
70


B1L101S, U11-ch68, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 48.97
Std Dev 3.306
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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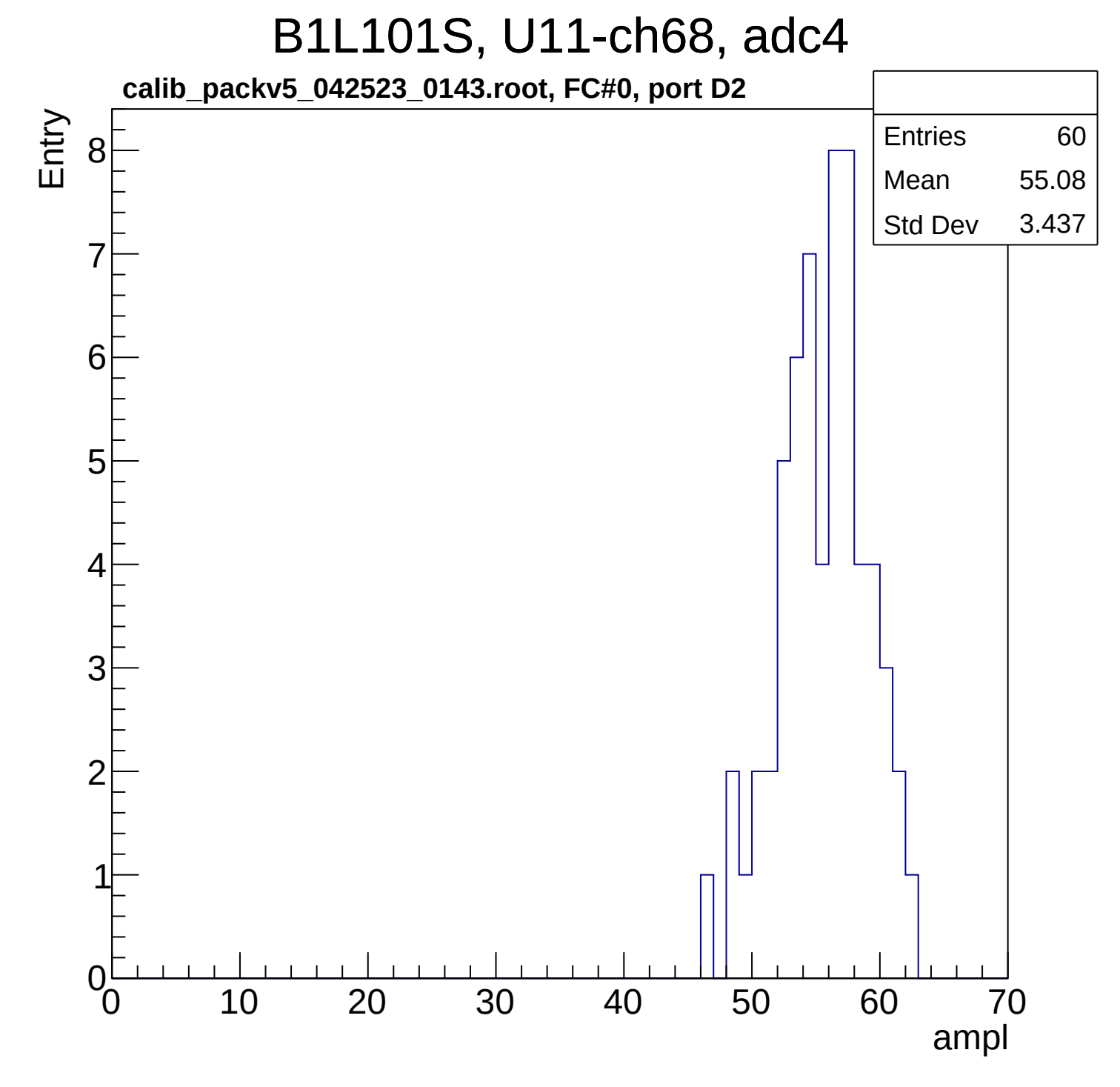
B1L101S, U11-ch68, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 55.08
Std Dev 3.437
Entry
ampl
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1
2
3
4
5
6
7
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0
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60
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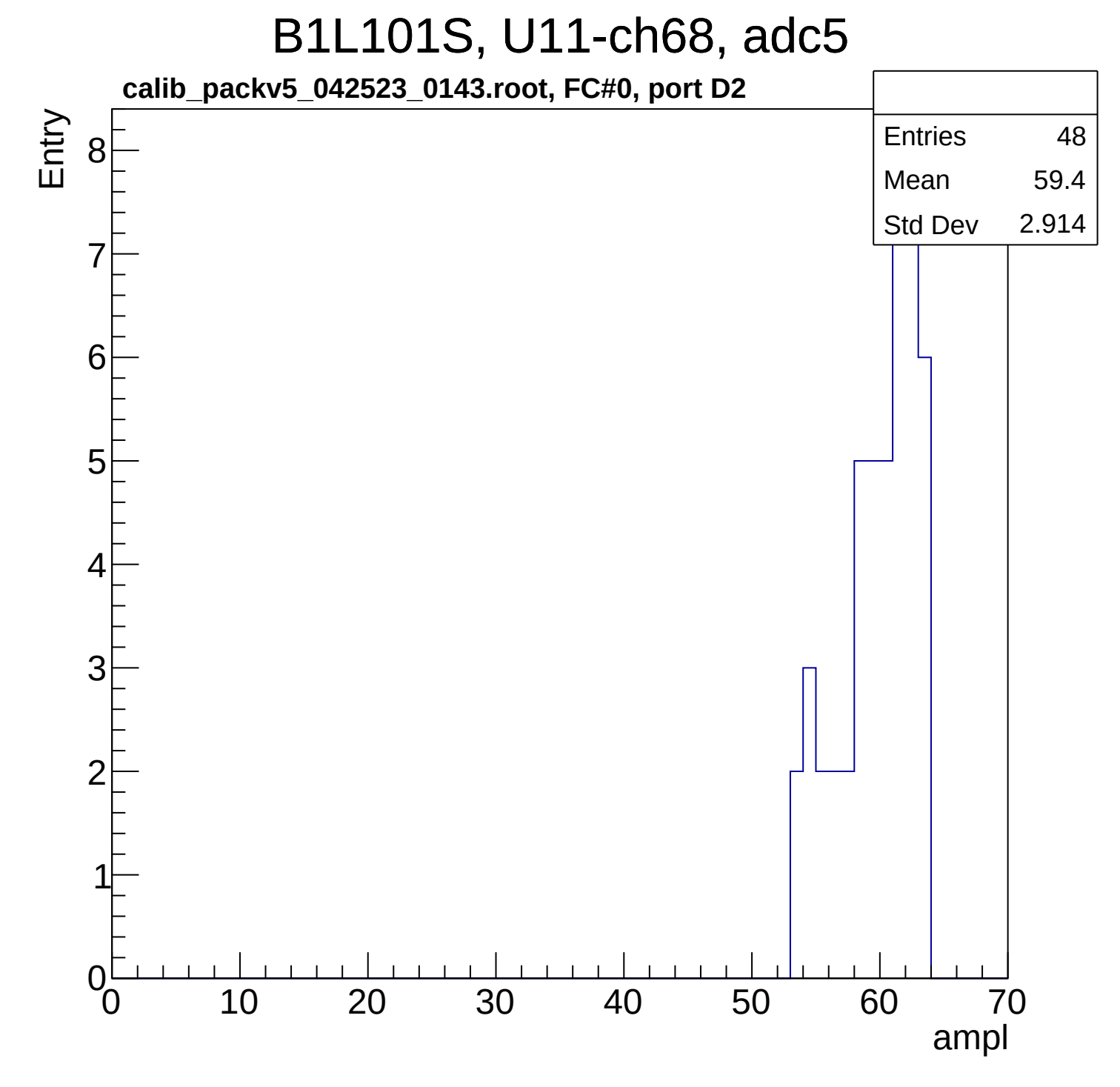
B1L101S, U11-ch68, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 48
Mean 59.4
Std Dev 2.914
Entry
ampl
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1
2
3
4
5
6
7
8
0
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60
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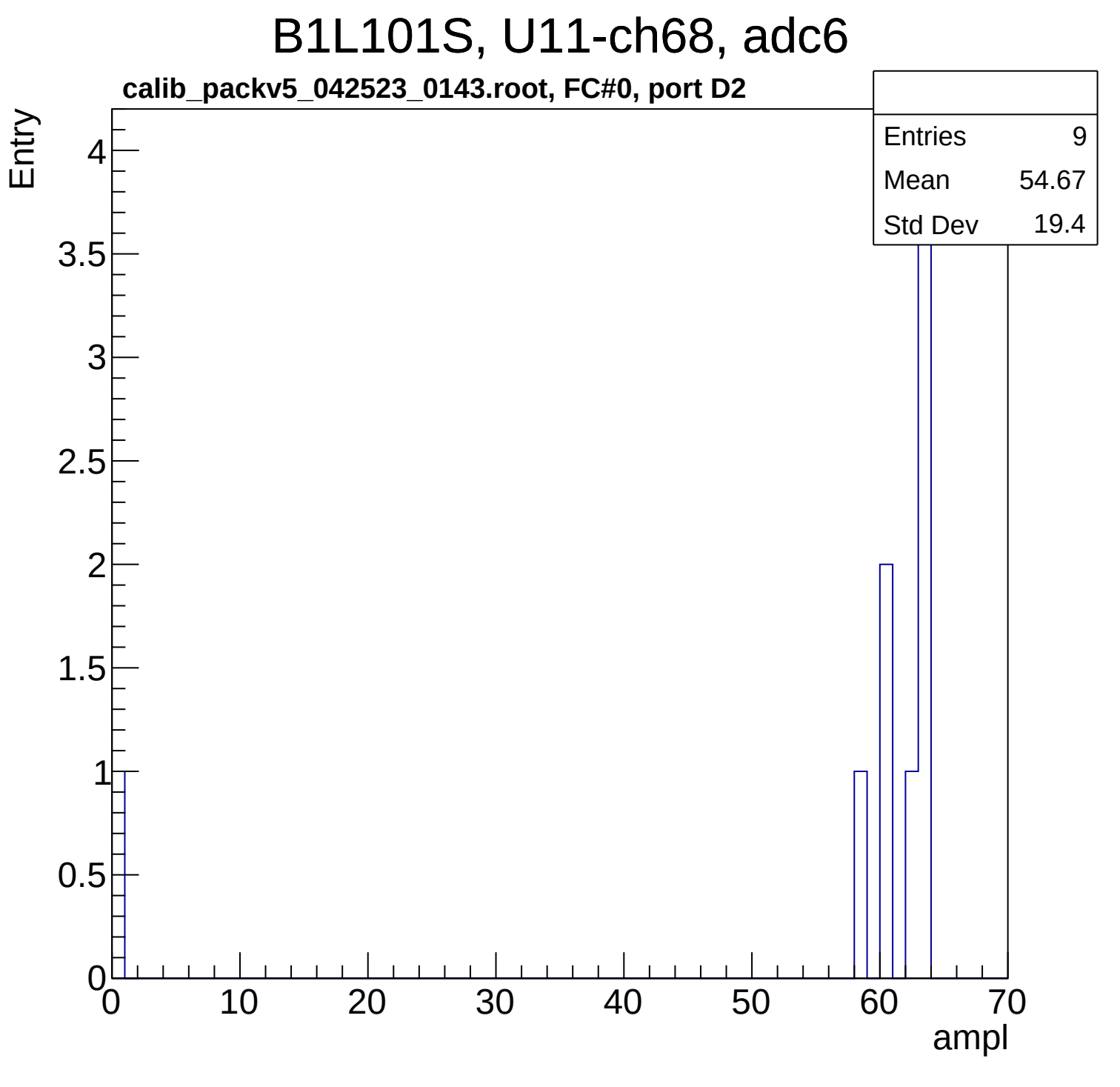
B1L101S, U11-ch68, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 9
Mean 54.67
Std Dev 19.4
Entry
ampl
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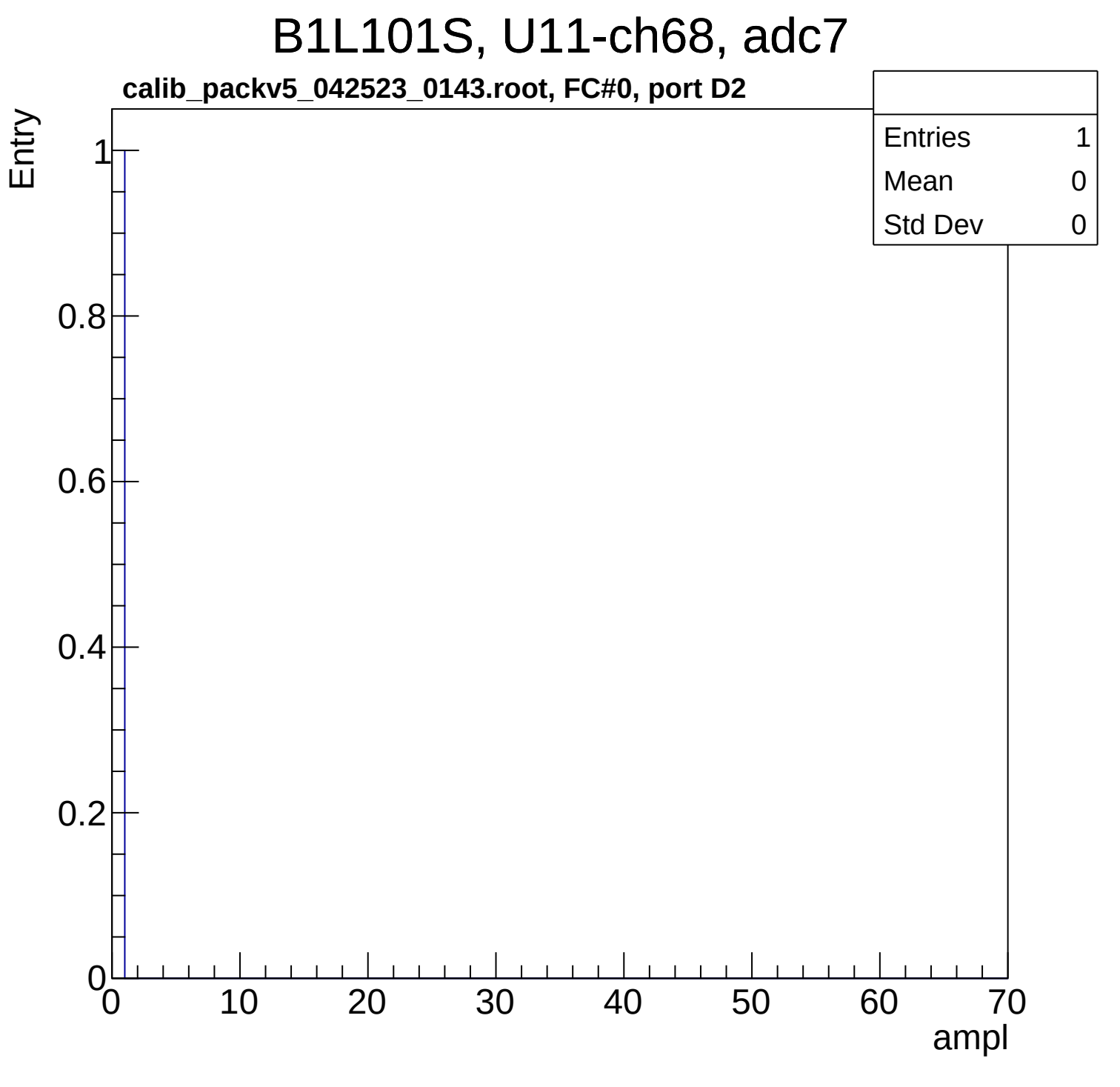
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L101S, U11-ch68, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
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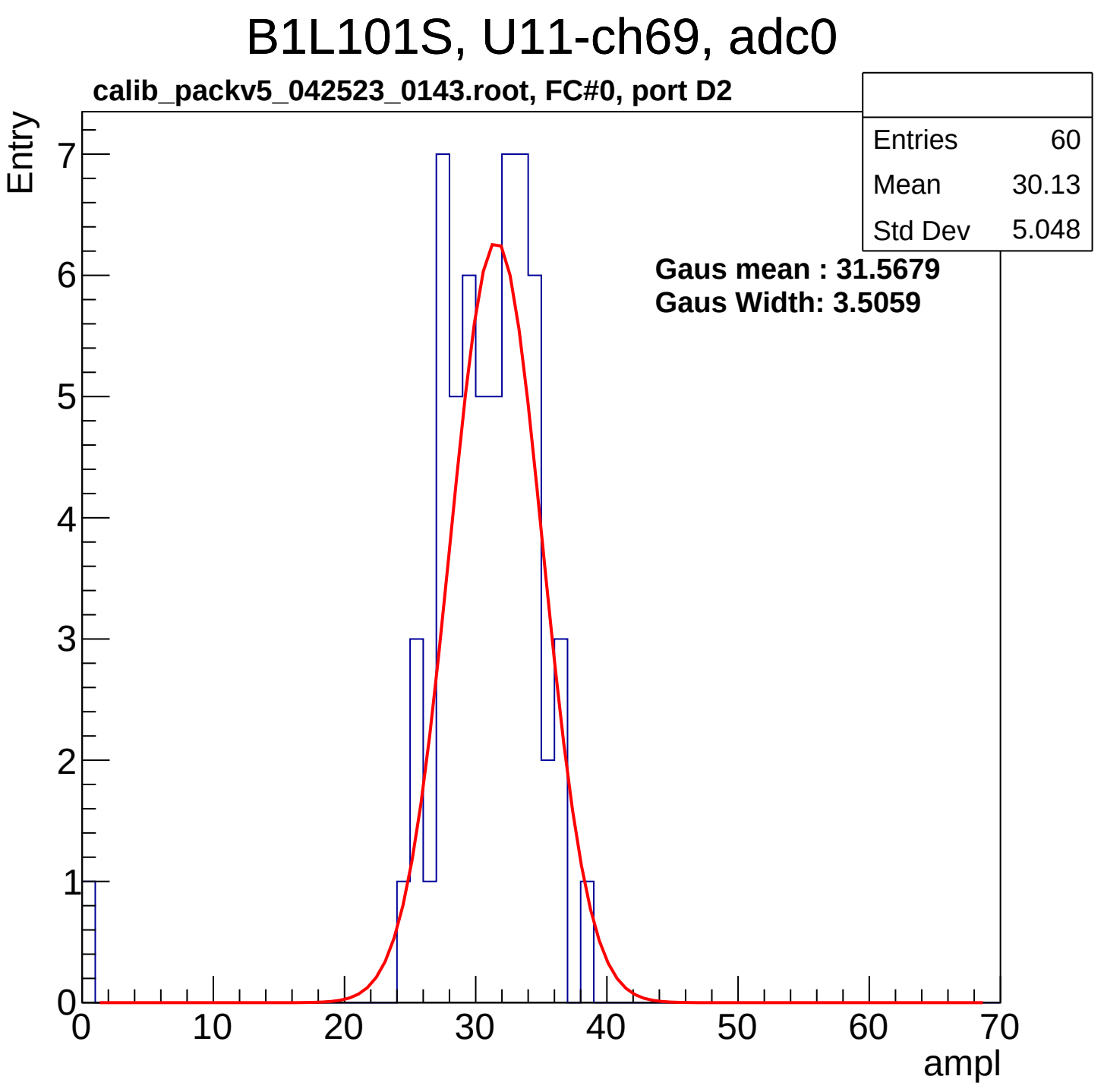
50
60
70
ampl


B1L101S, U11-ch69, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 30.13
Std Dev 5.048
Gaus mean : 31.5679
Gaus Width: 3.5059
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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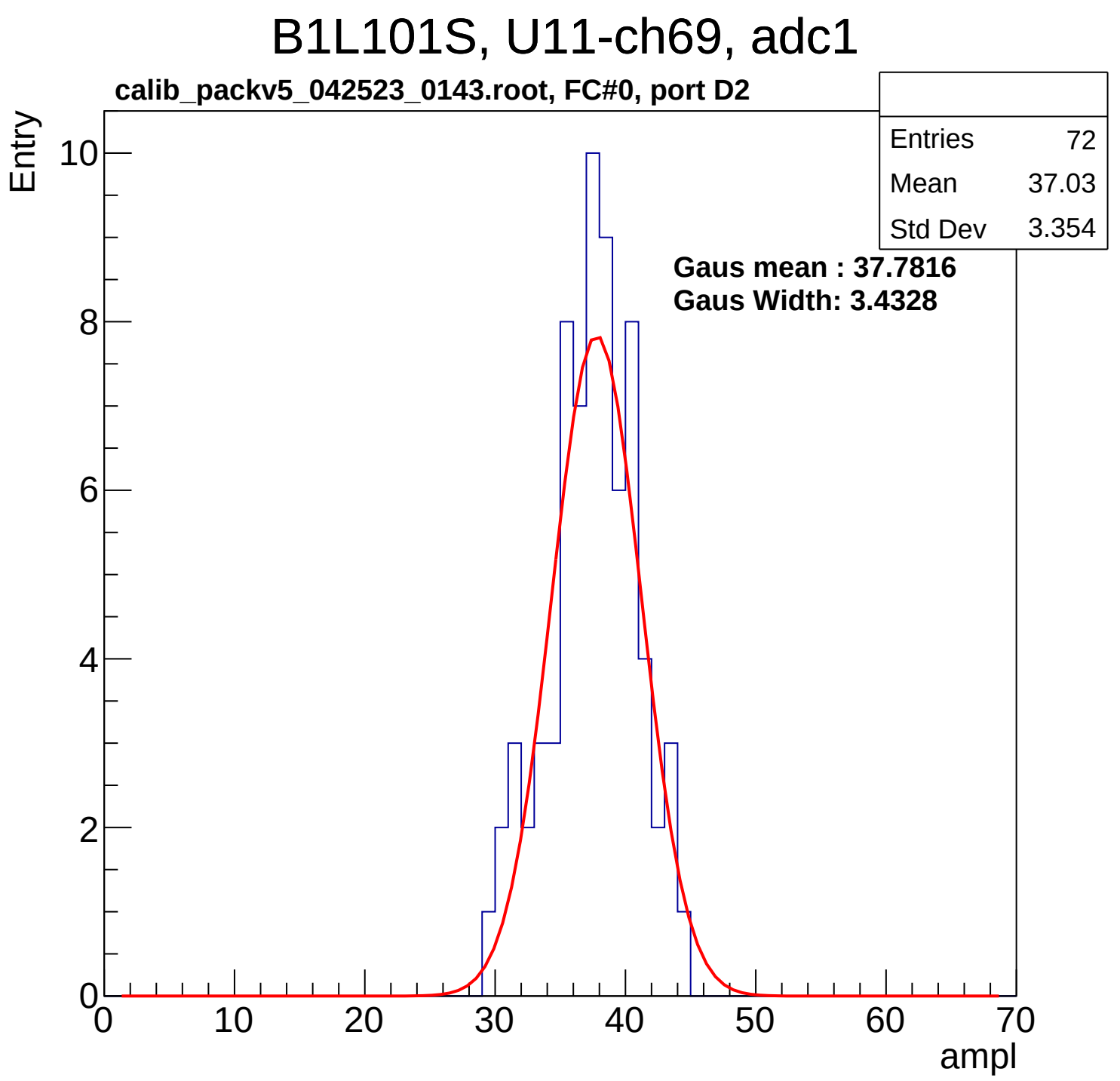
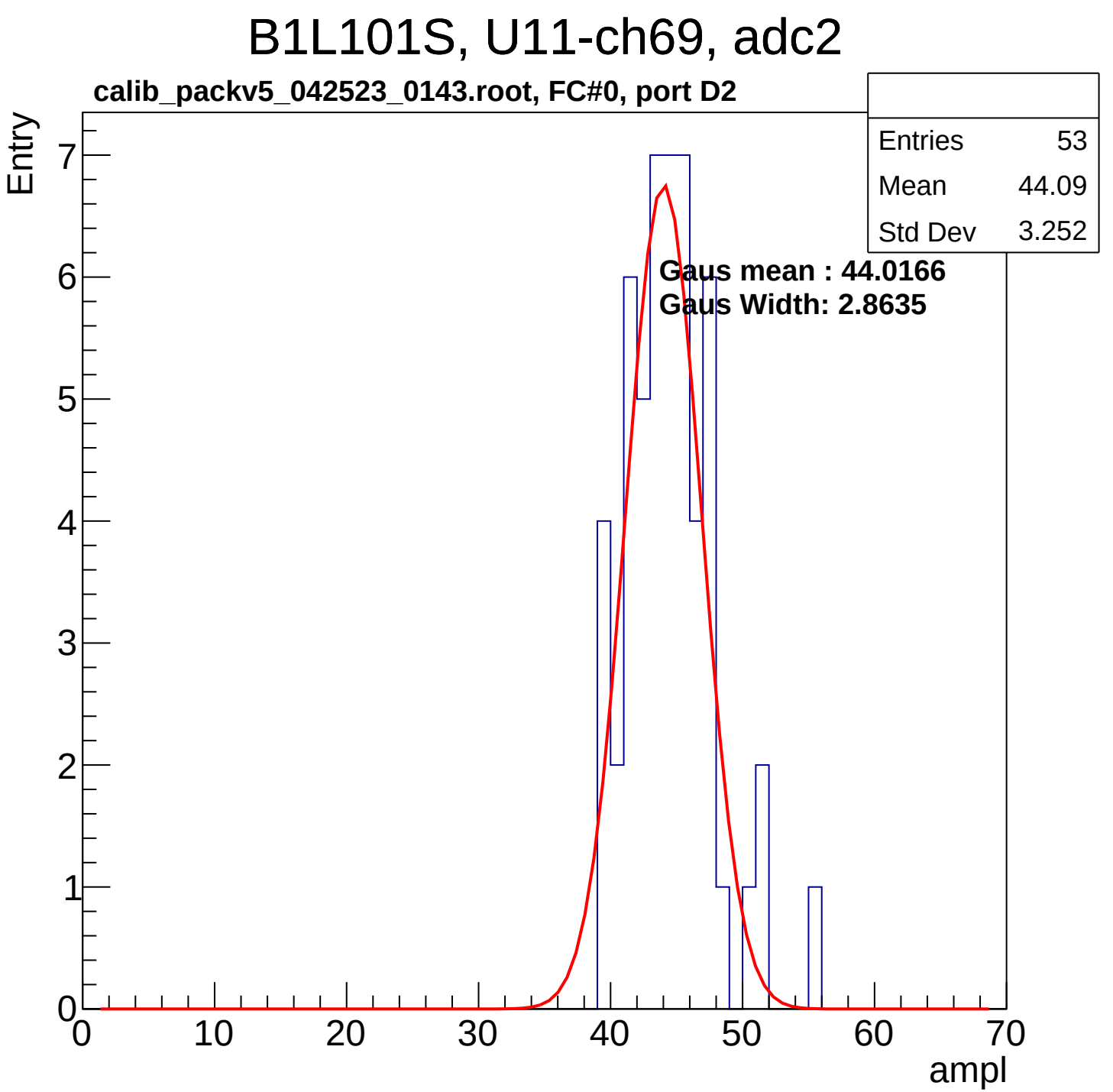
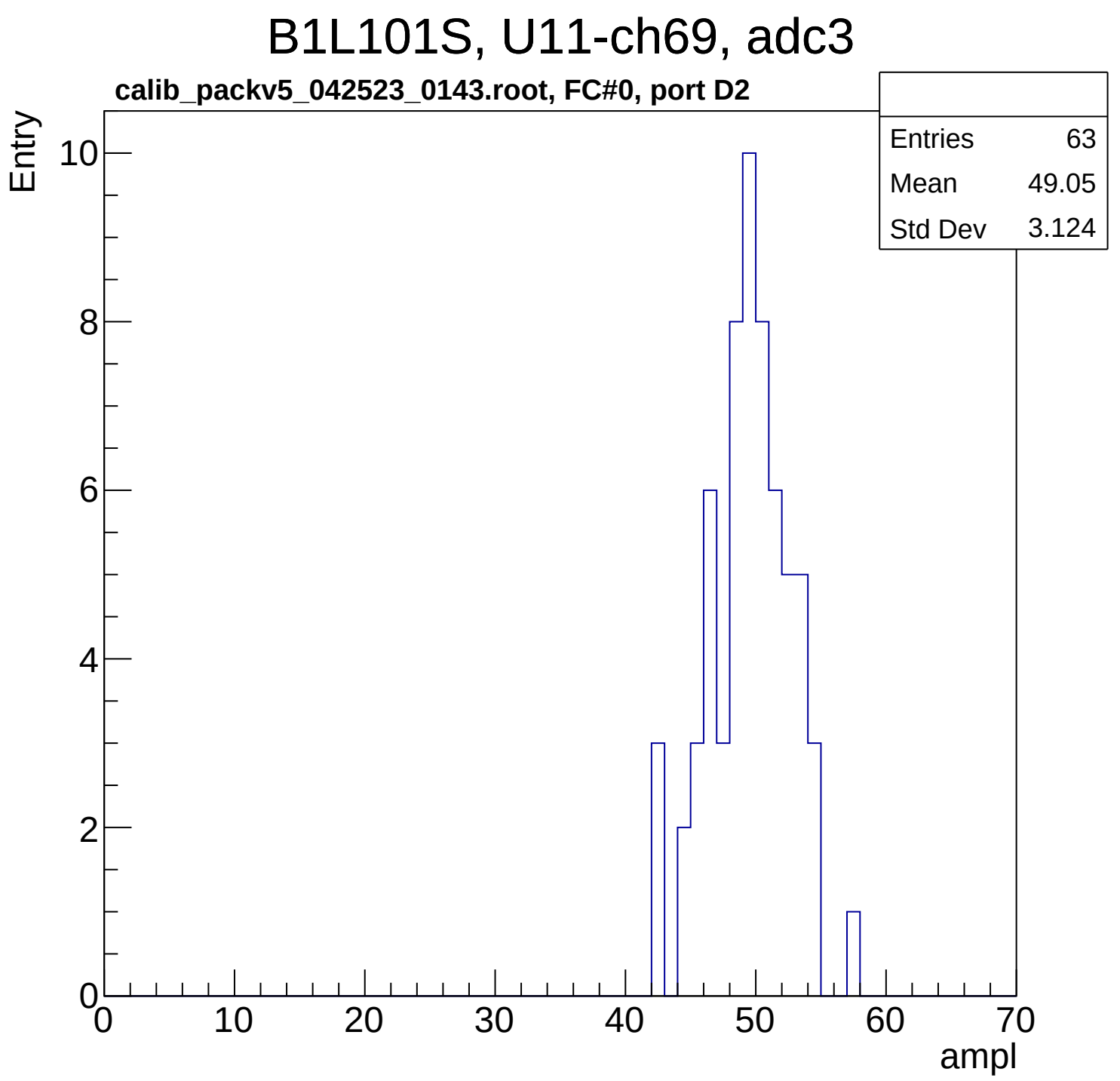

B1L101S, U11-ch69, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 37.03
Std Dev 3.354
Gaus mean : 37.7816
Gaus Width: 3.4328
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch69, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 44.09
Std Dev 3.252
Gaus mean : 44.0166
Gaus Width: 2.8635
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch69, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 49.05
Std Dev 3.124
Entry
ampl
0
2
4
6
8
10
0
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40
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60
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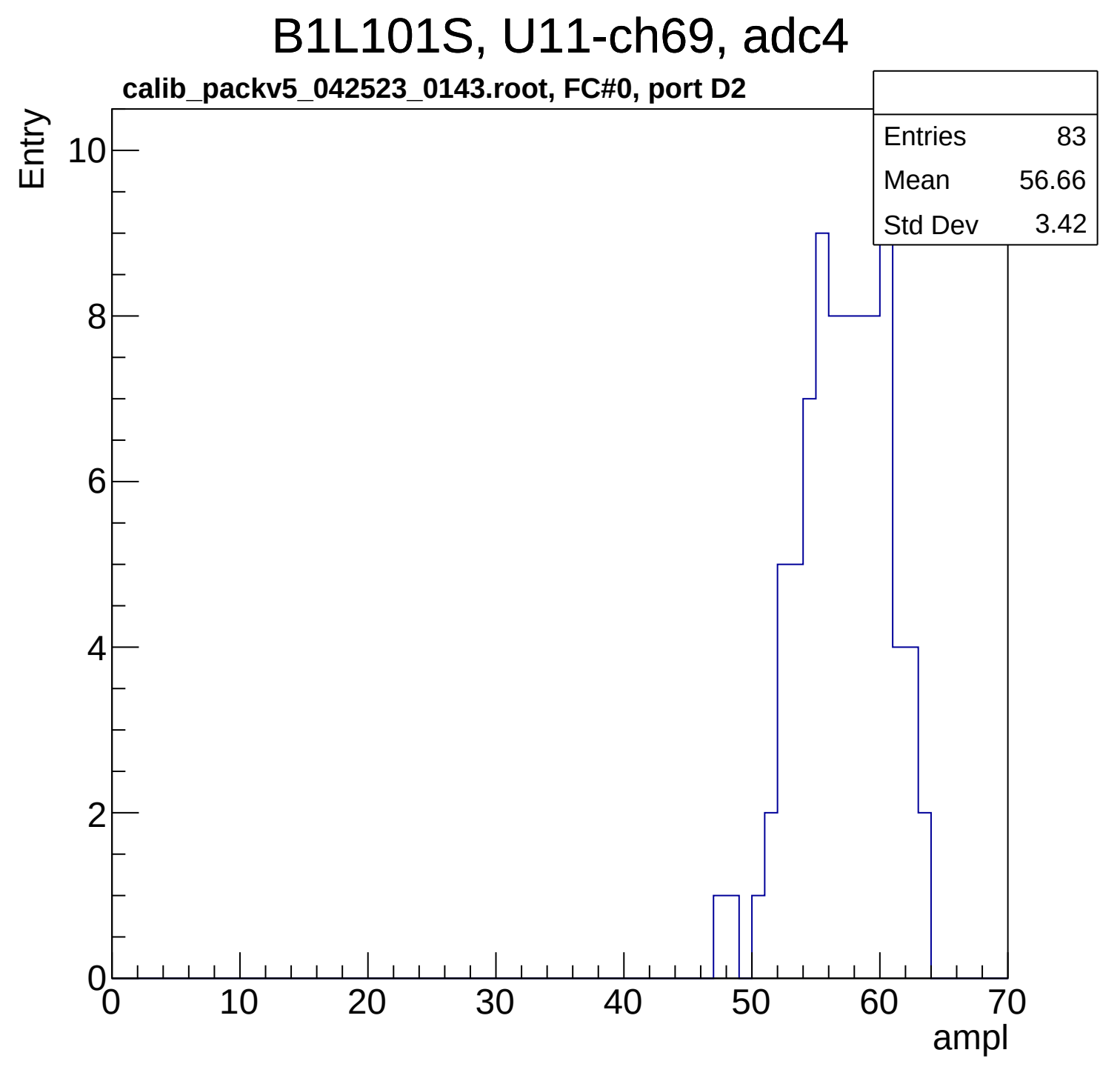
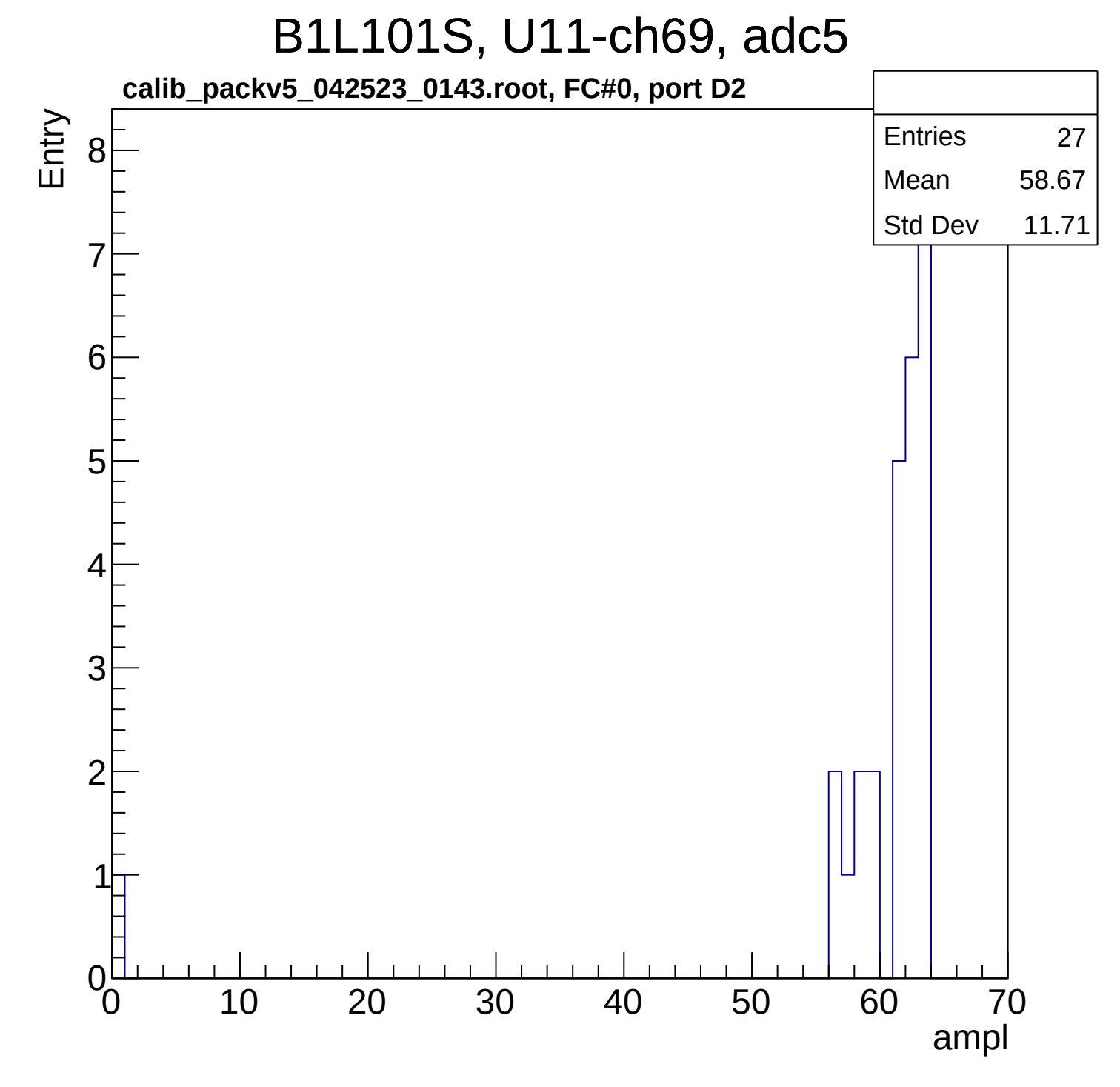

B1L101S, U11-ch69, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 83
Mean 56.66
Std Dev 3.42
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch69, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 27
Mean 58.67
Std Dev 11.71
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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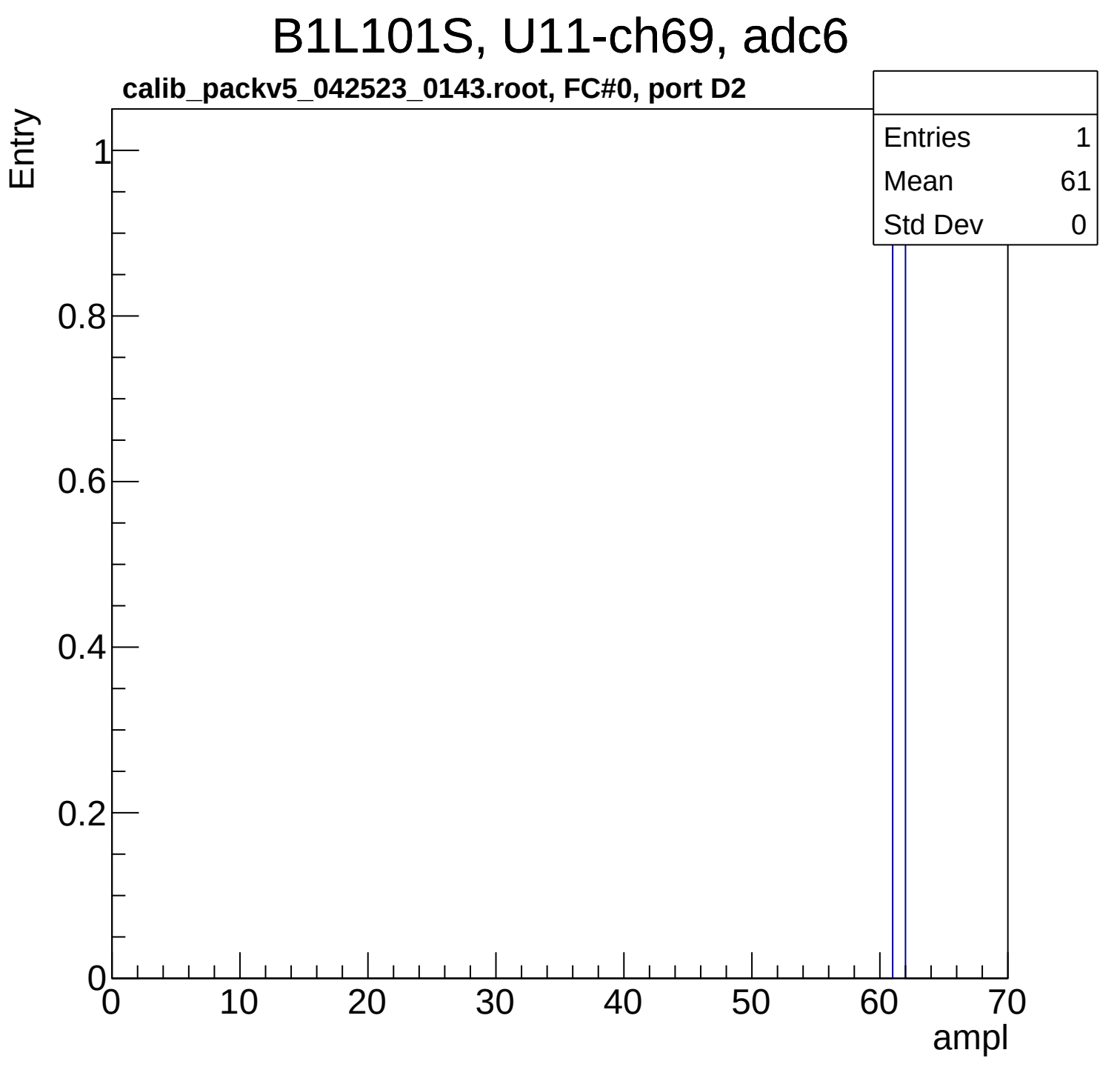
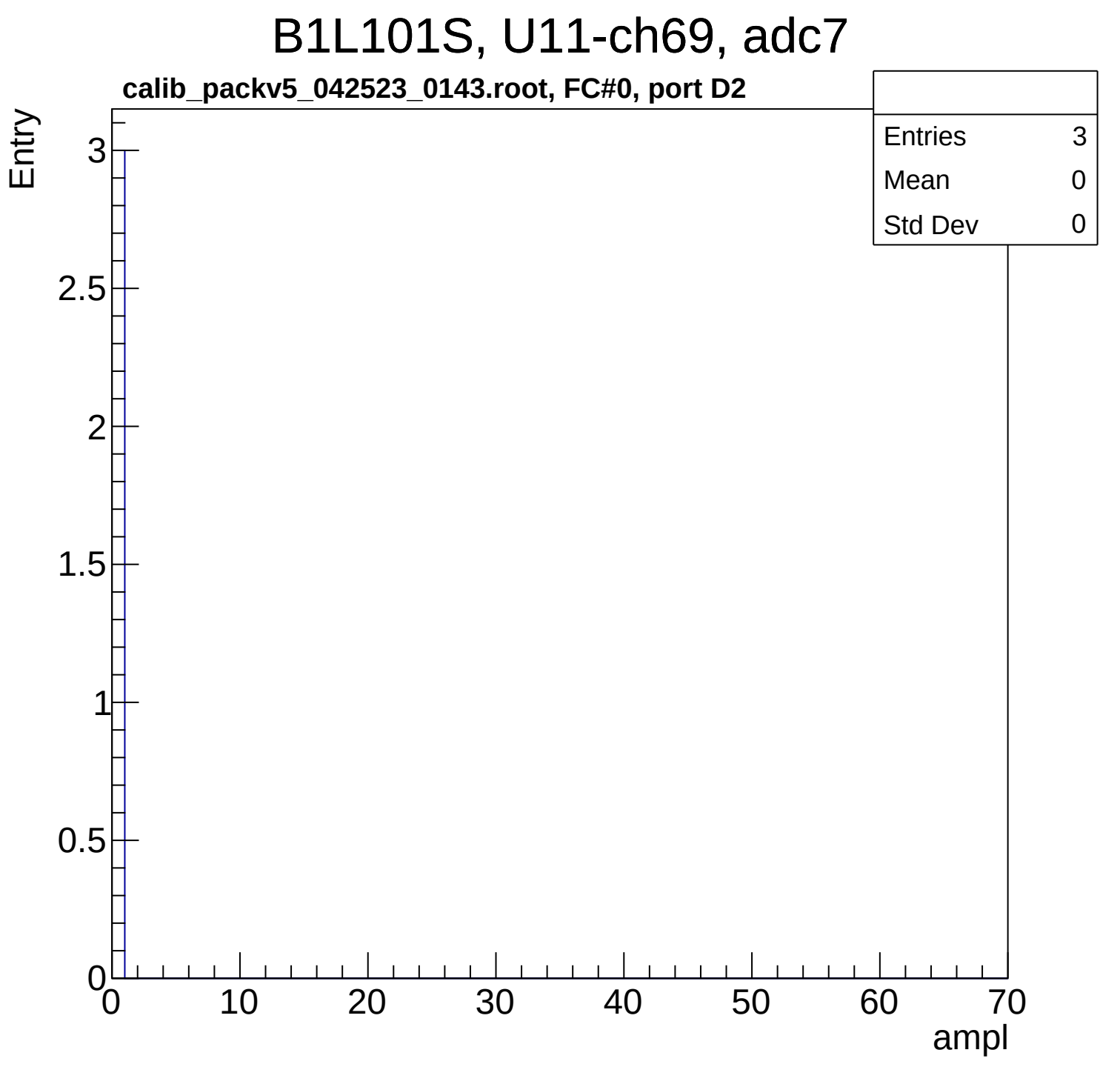
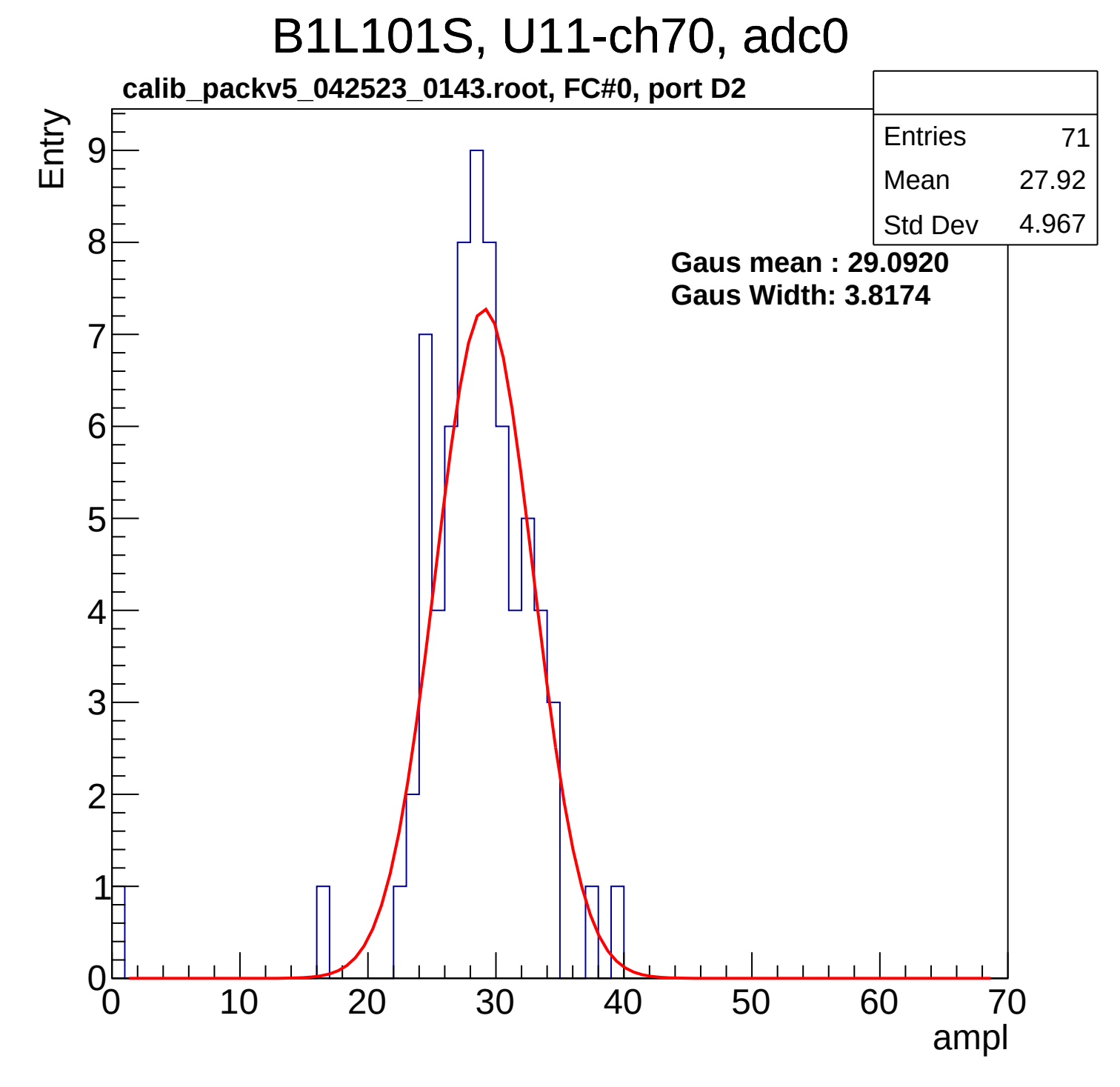
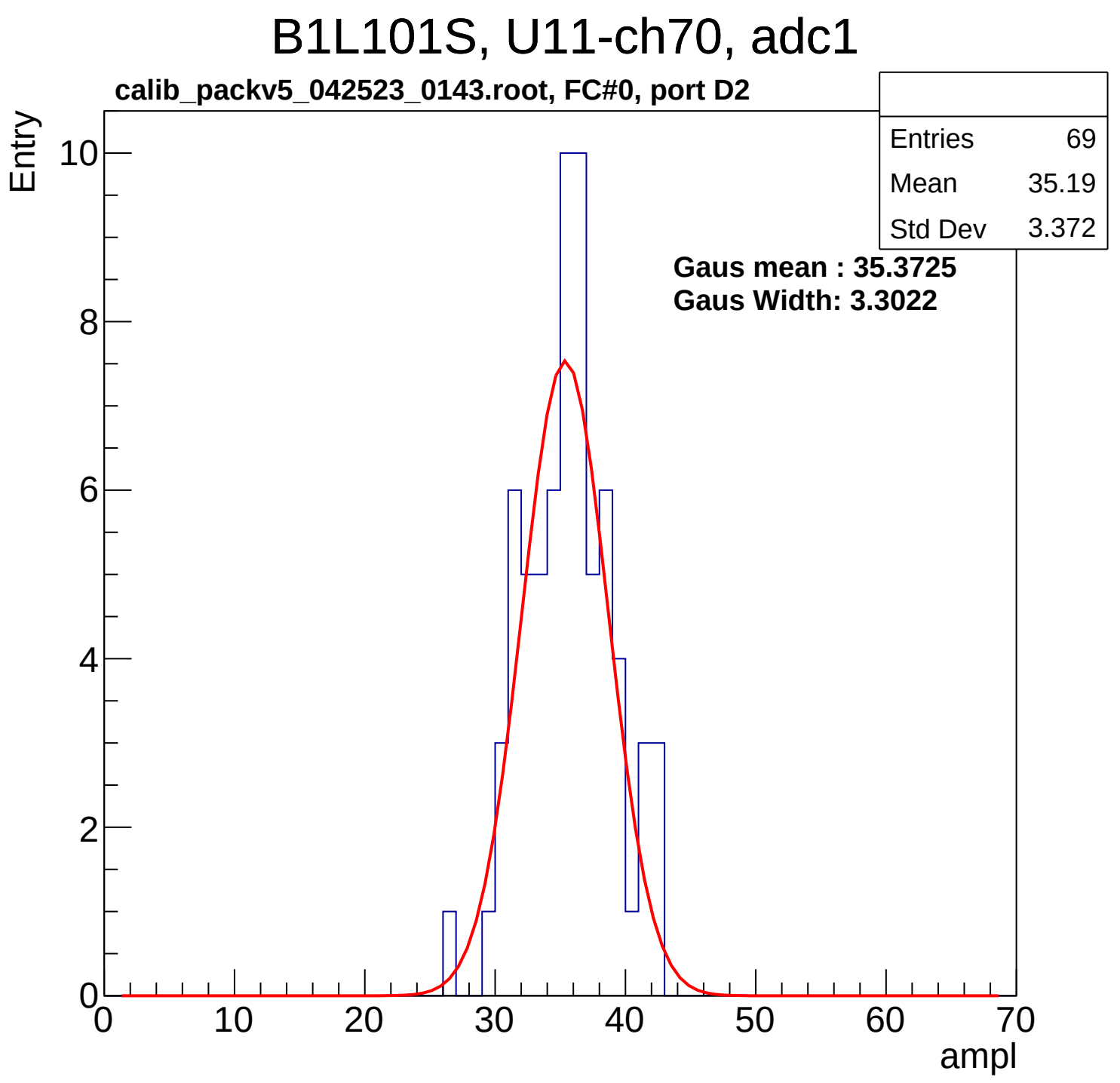

B1L101S, U11-ch69, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 61
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch69, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 0
Std Dev 0
Entry
3
2.5
2
1.5
1
0.5
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch70, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 27.92
Std Dev 4.967
Gaus mean : 29.0920
Gaus Width: 3.8174
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch70, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 35.19
Std Dev 3.372
Gaus mean : 35.3725
Gaus Width: 3.3022
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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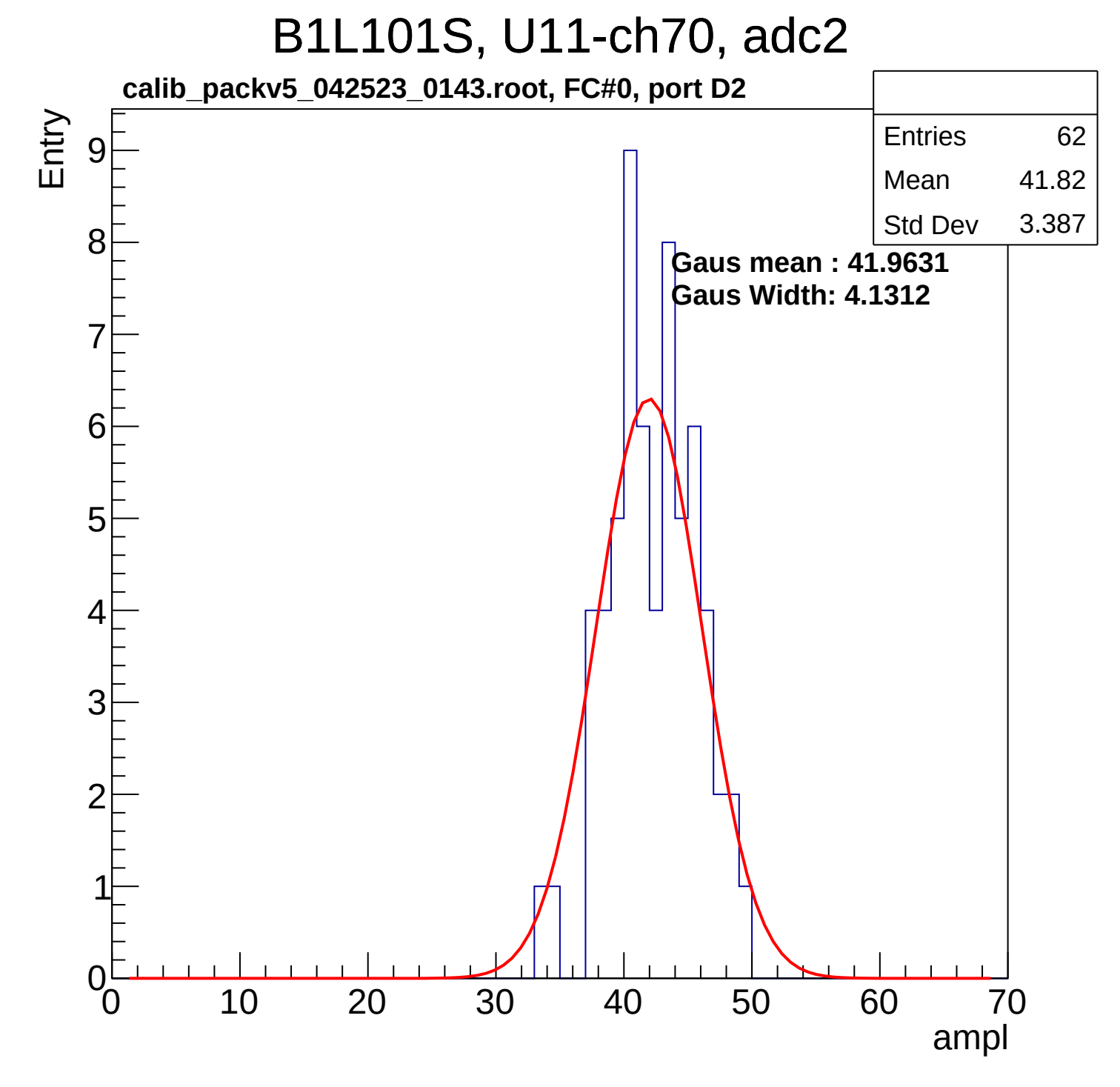
B1L101S, U11-ch70, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 41.82
Std Dev 3.387
Gaus mean : 41.9631
Gaus Width: 4.1312
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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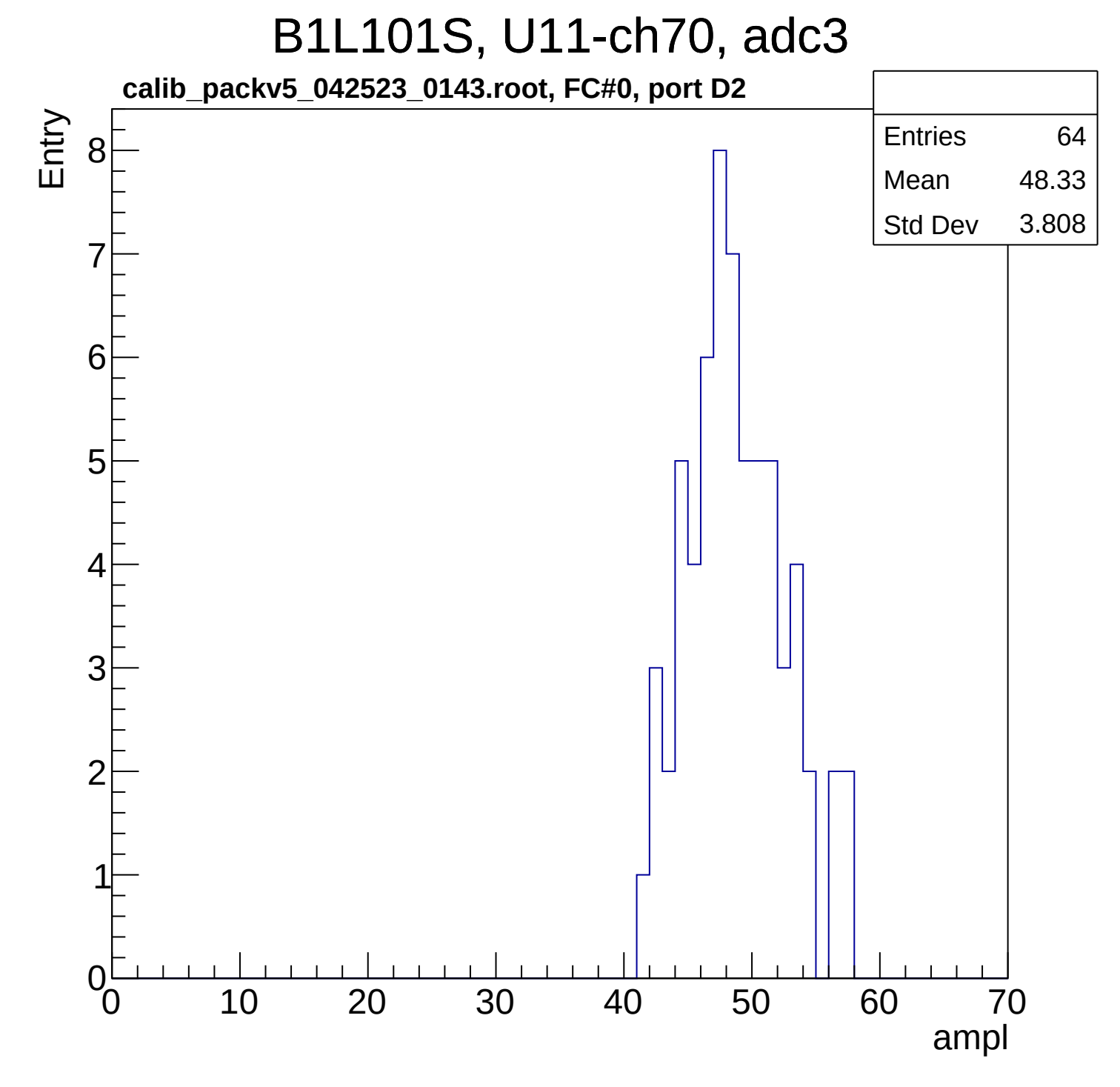
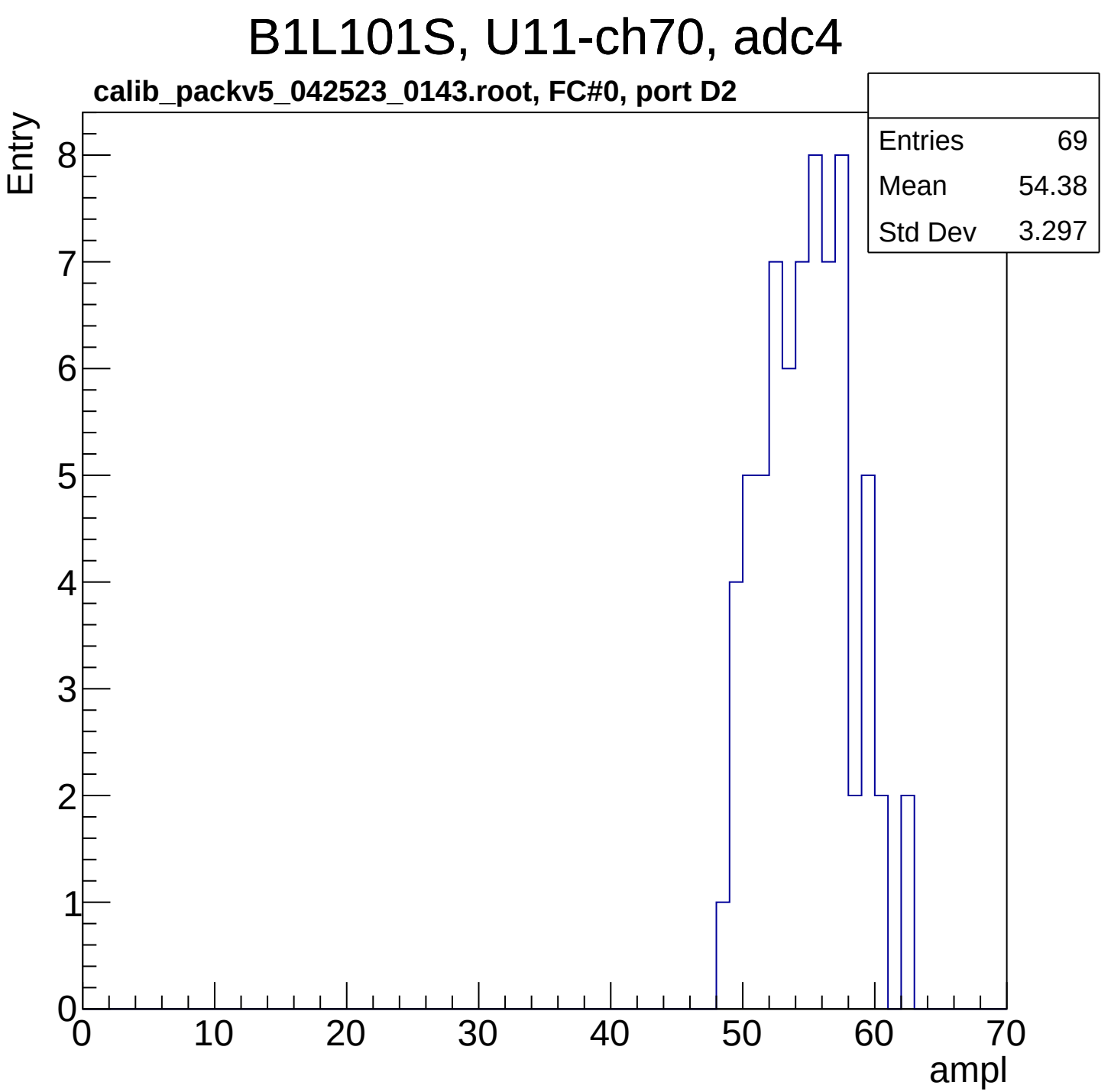

B1L101S, U11-ch70, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 48.33
Std Dev 3.808
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch70, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 54.38
Std Dev 3.297
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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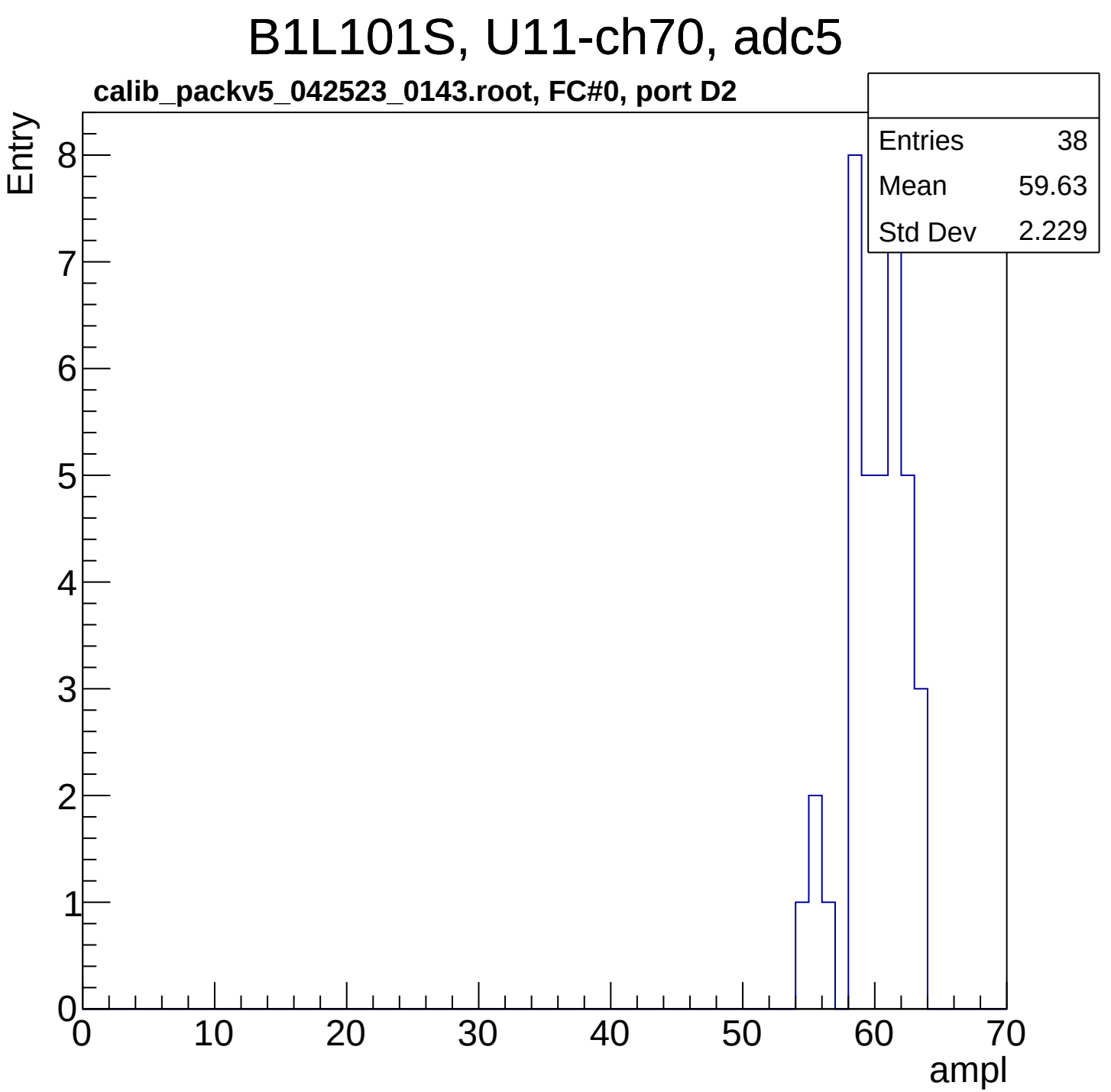
B1L101S, U11-ch70, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 38
Mean 59.63
Std Dev 2.229
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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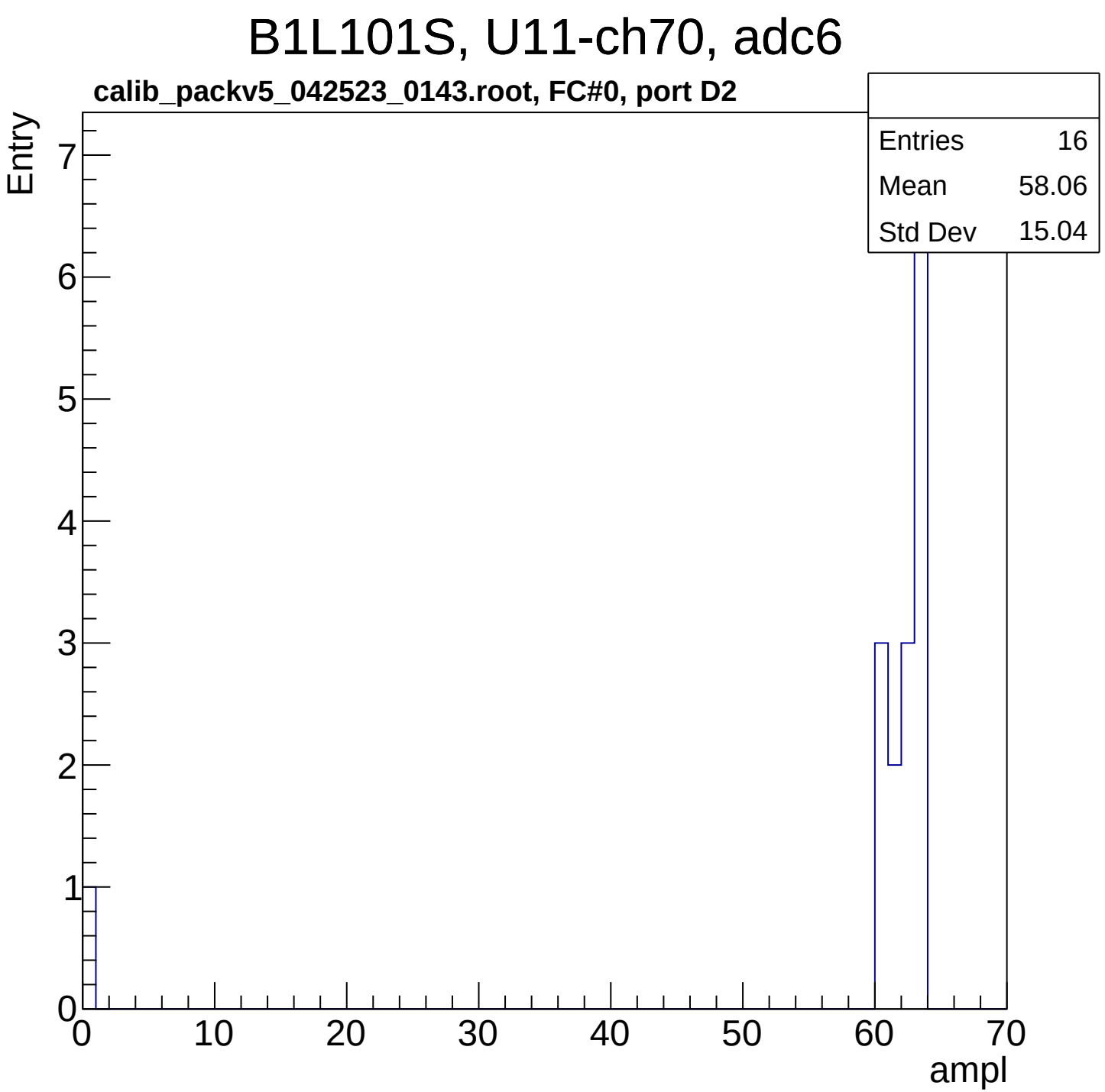
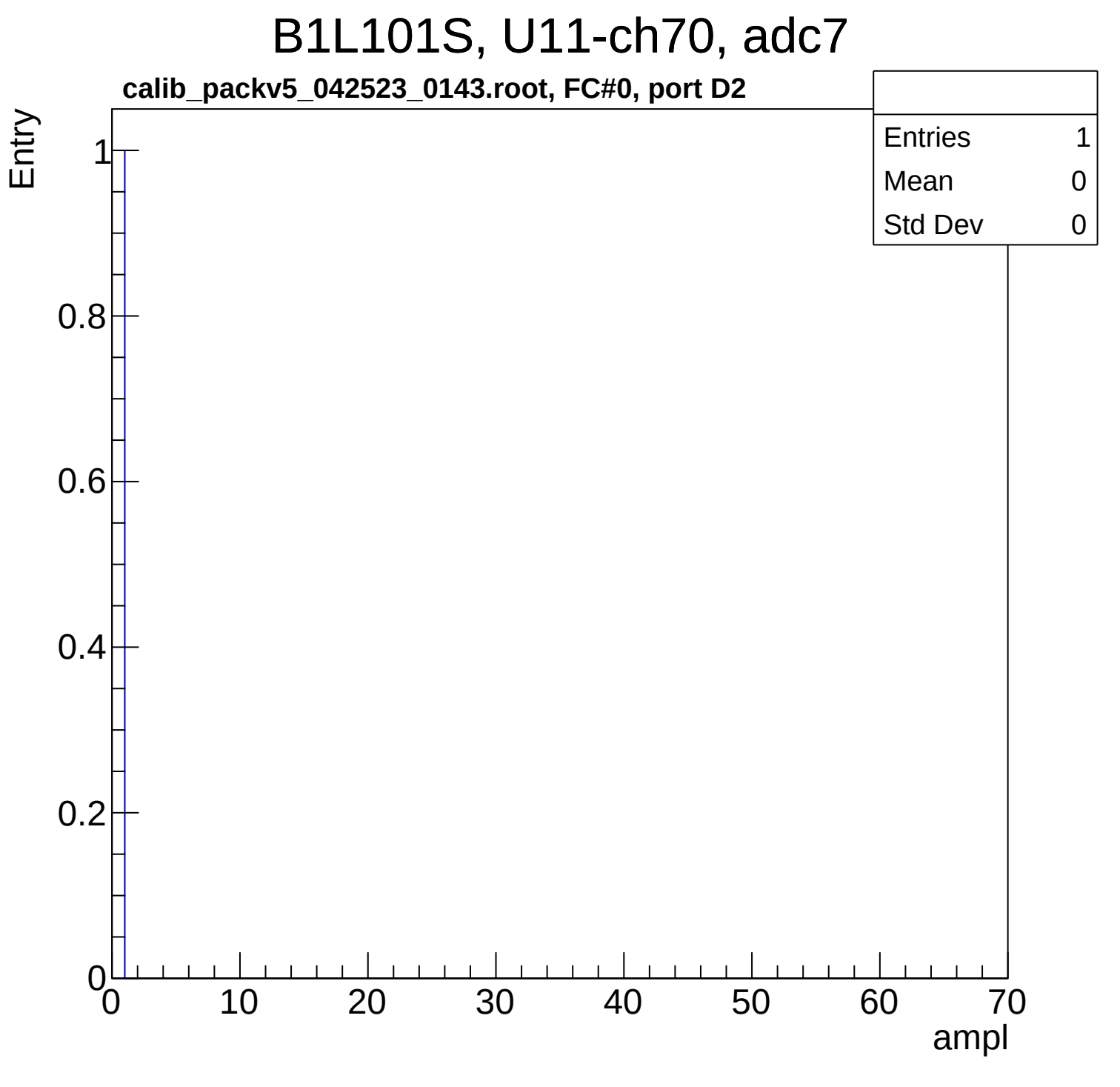
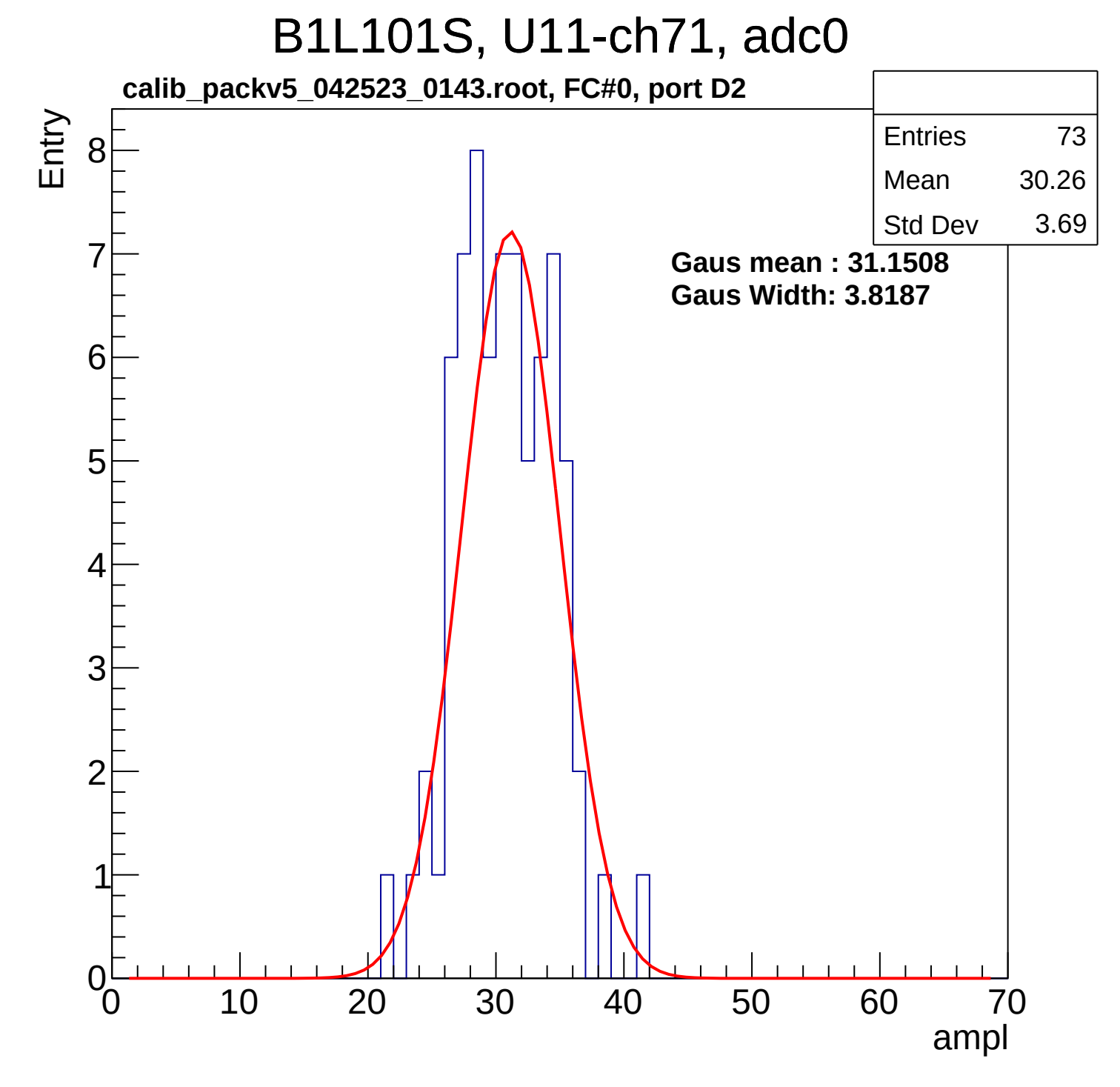
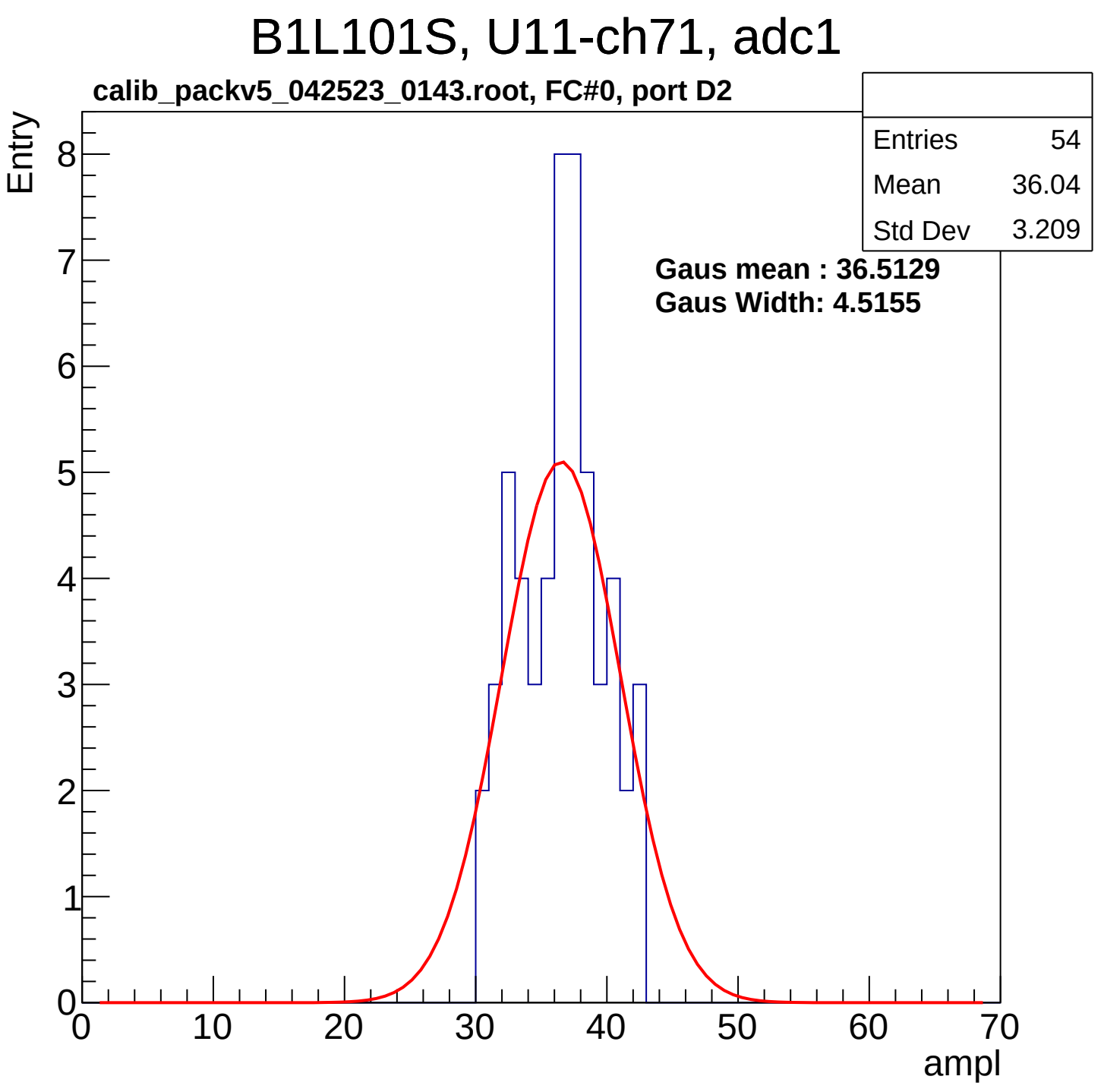
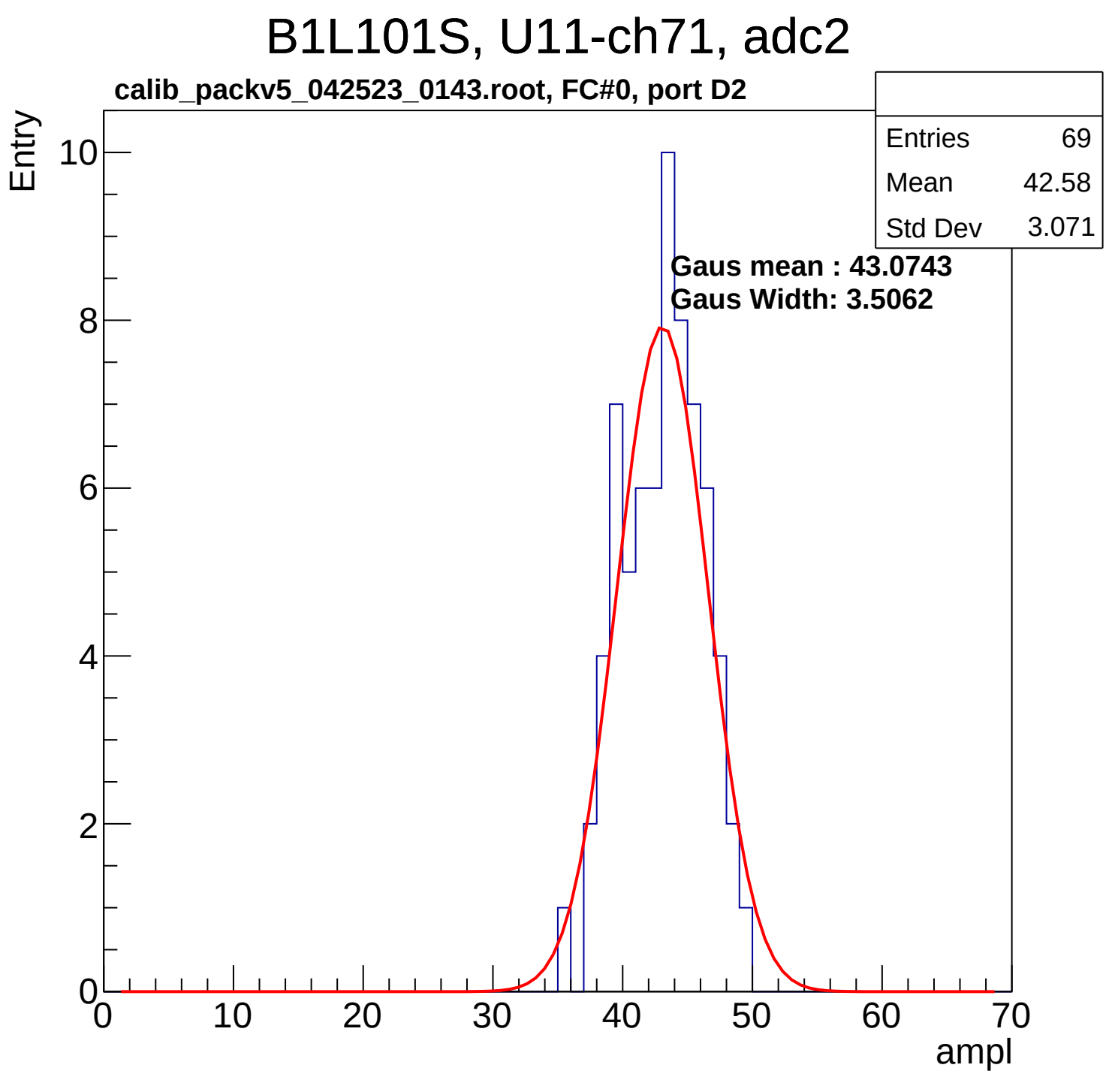
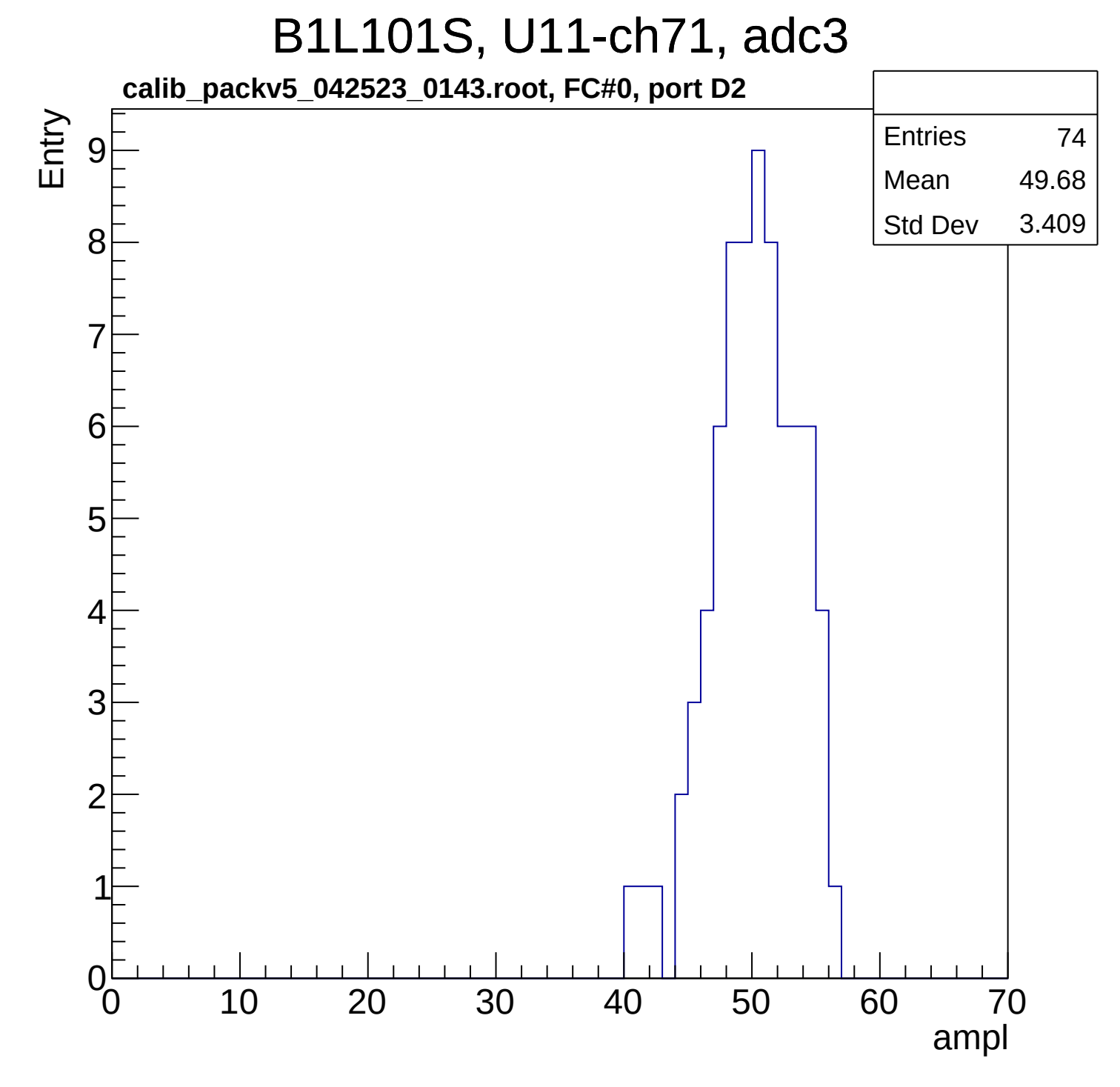

B1L101S, U11-ch70, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 16
Mean 58.06
Std Dev 15.04
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

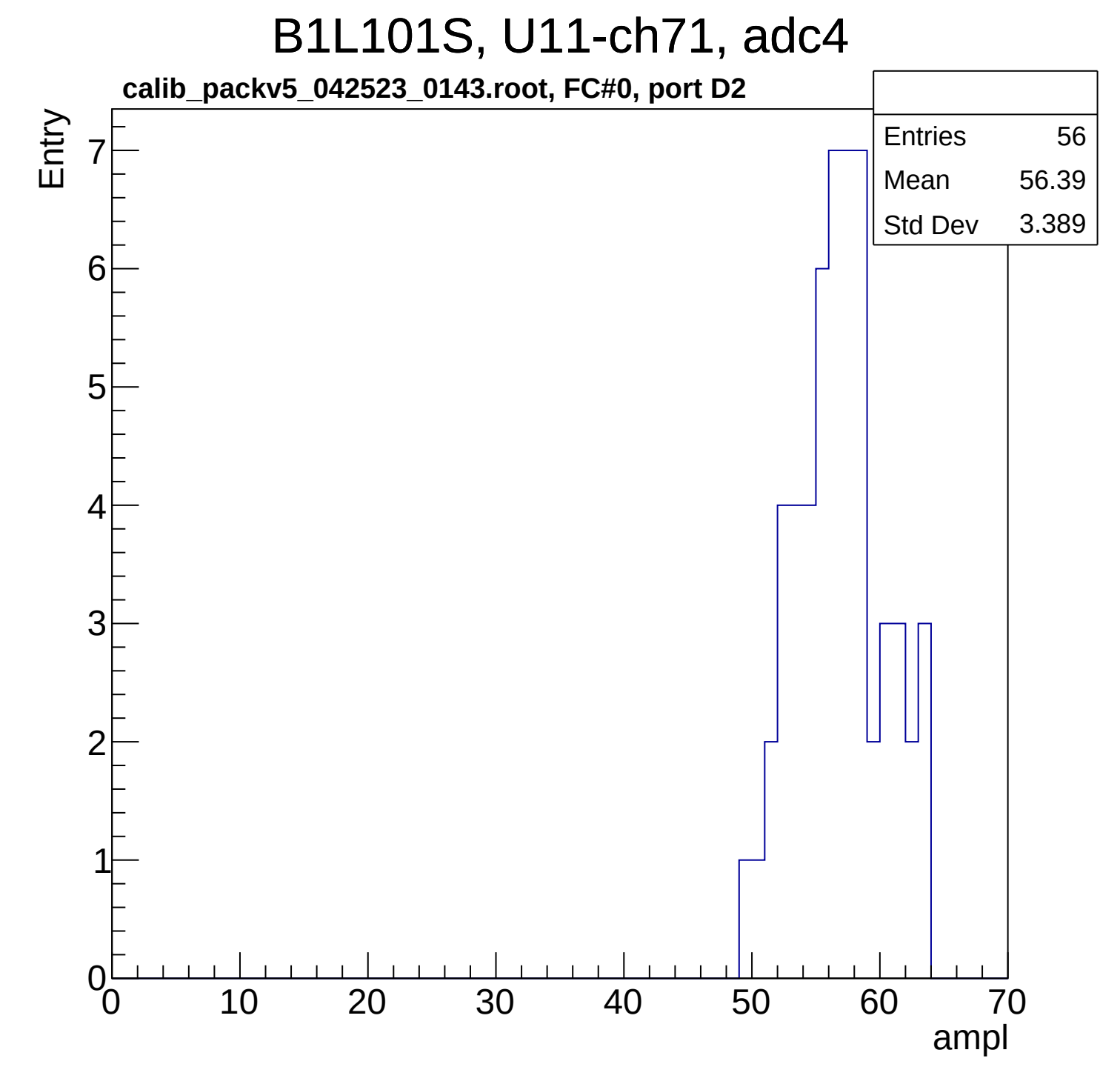

B1L101S, U11-ch70, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

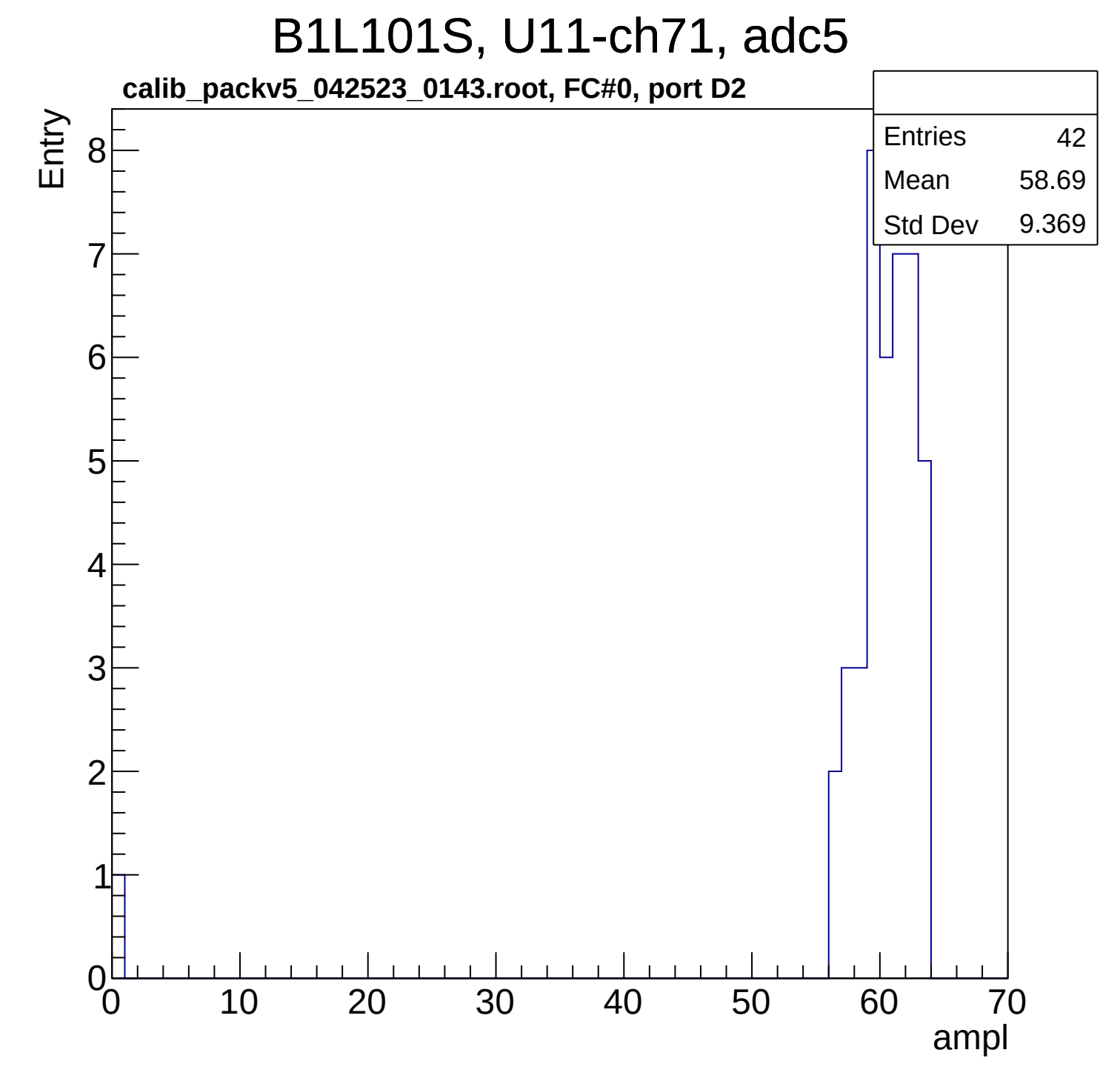

B1L101S, U11-ch71, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 30.26
Std Dev 3.69
Gaus mean : 31.1508
Gaus Width: 3.8187
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch71, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 54
Mean 36.04
Std Dev 3.209
Gaus mean : 36.5129
Gaus Width: 4.5155
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch71, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 42.58
Std Dev 3.071
Gaus mean : 43.0743
Gaus Width: 3.5062
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch71, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 74
Mean 49.68
Std Dev 3.409
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch71, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 56.39
Std Dev 3.389
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch71, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 42
Mean 58.69
Std Dev 9.369
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
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60
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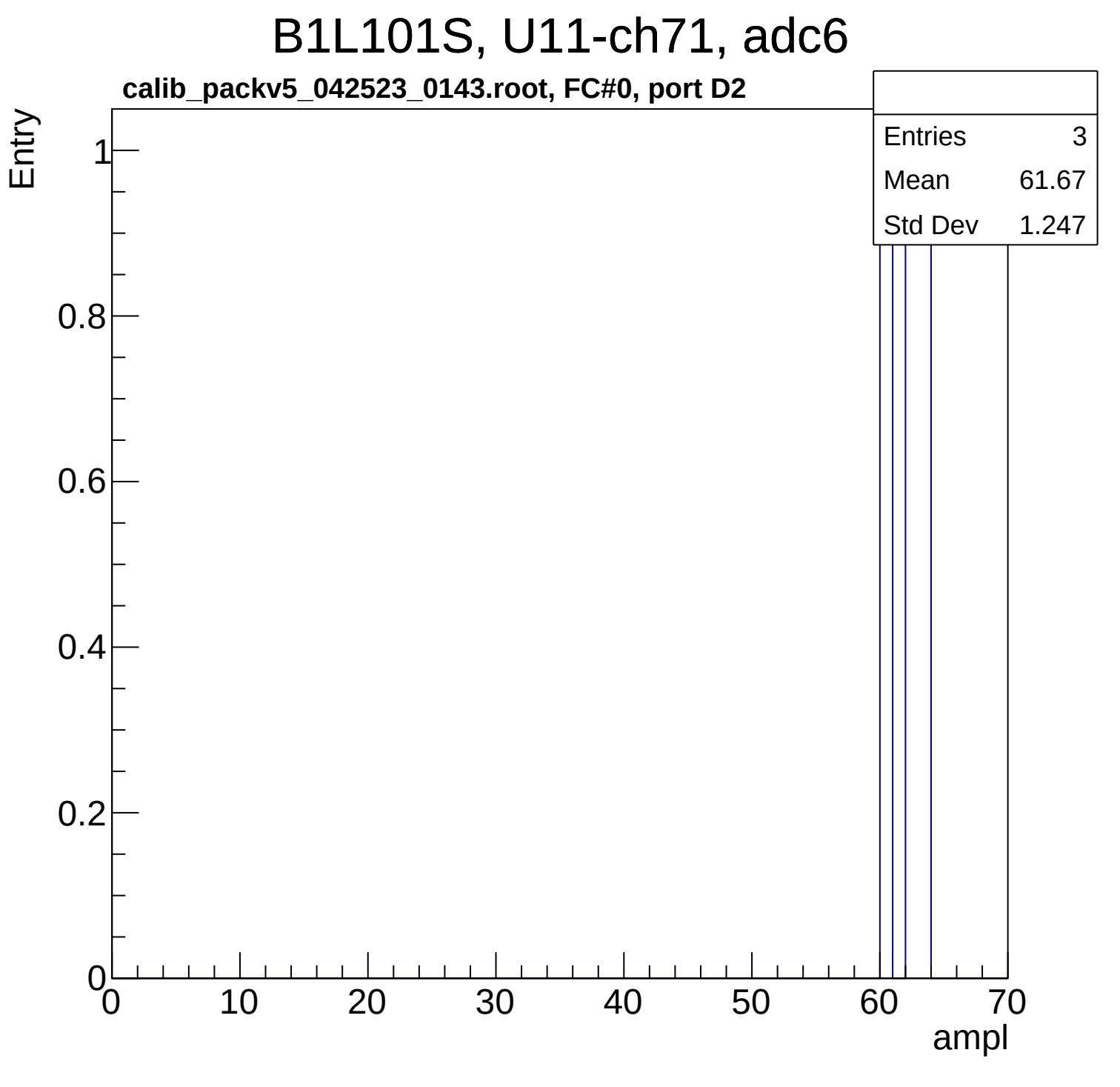
B1L101S, U11-ch71, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 61.67
Std Dev 1.247
Entry
ampl
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0.4
0.6
0.8
1
0
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20
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40
50
60
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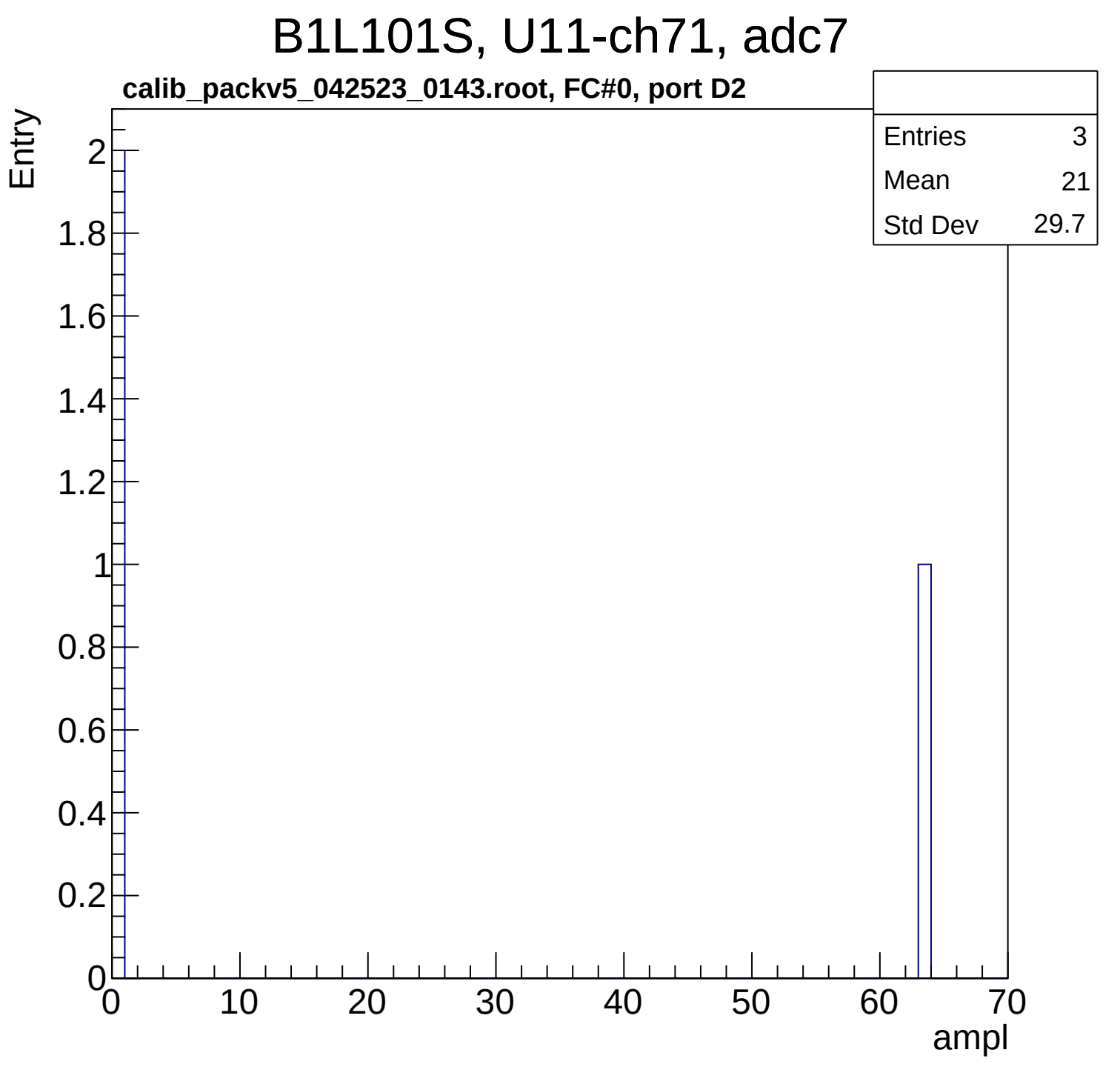
B1L101S, U11-ch71, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 21
Std Dev 29.7
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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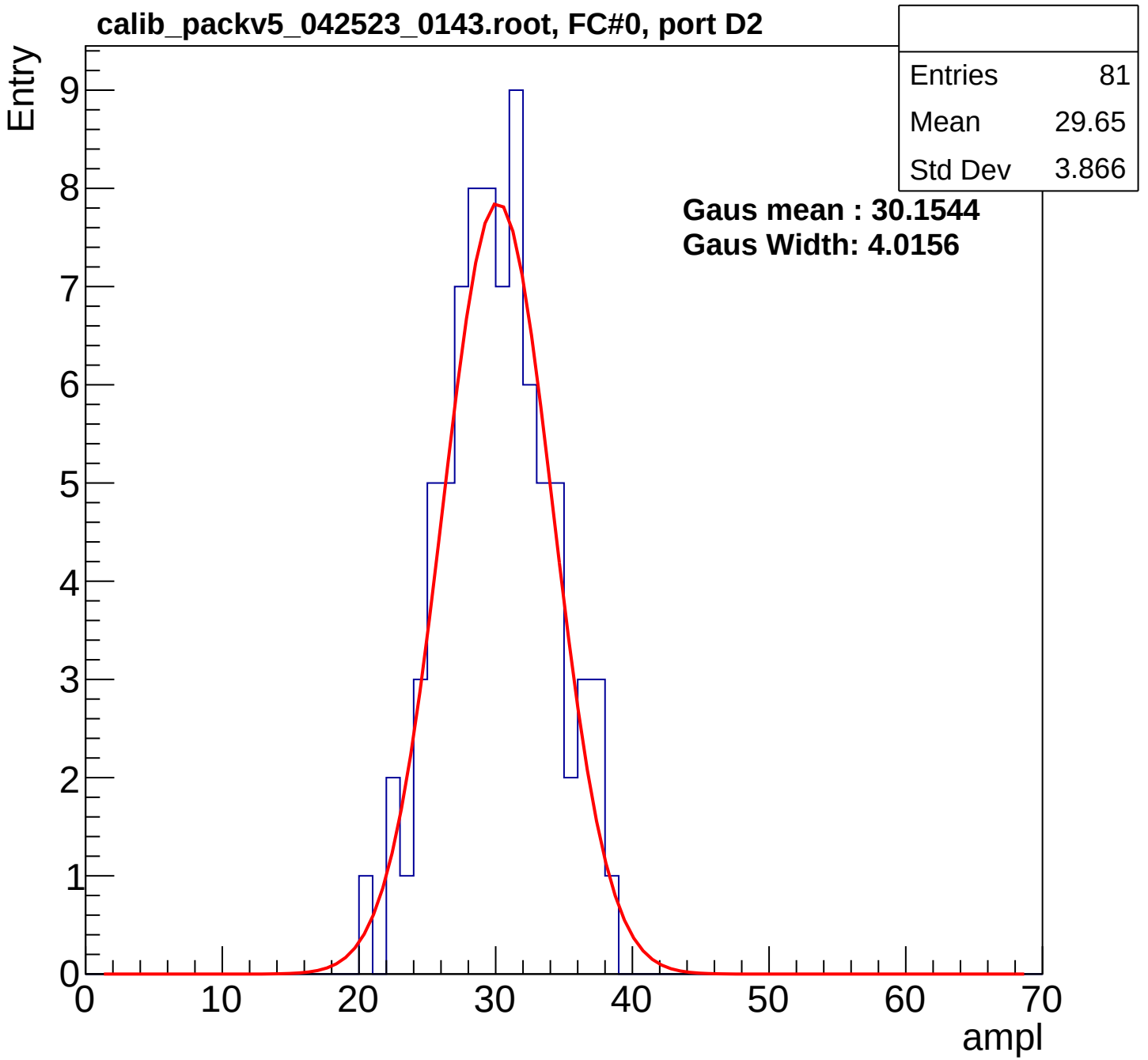
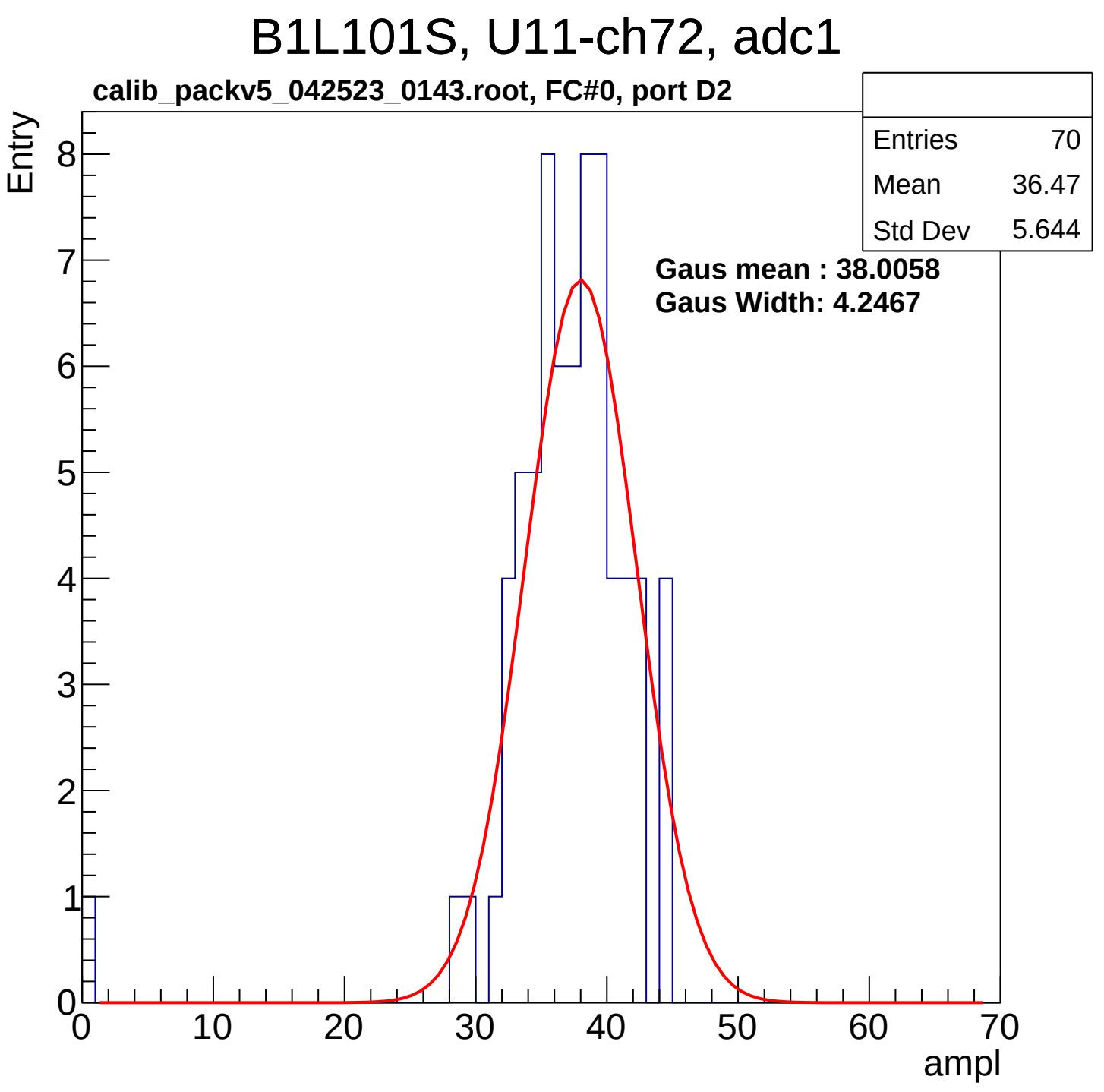
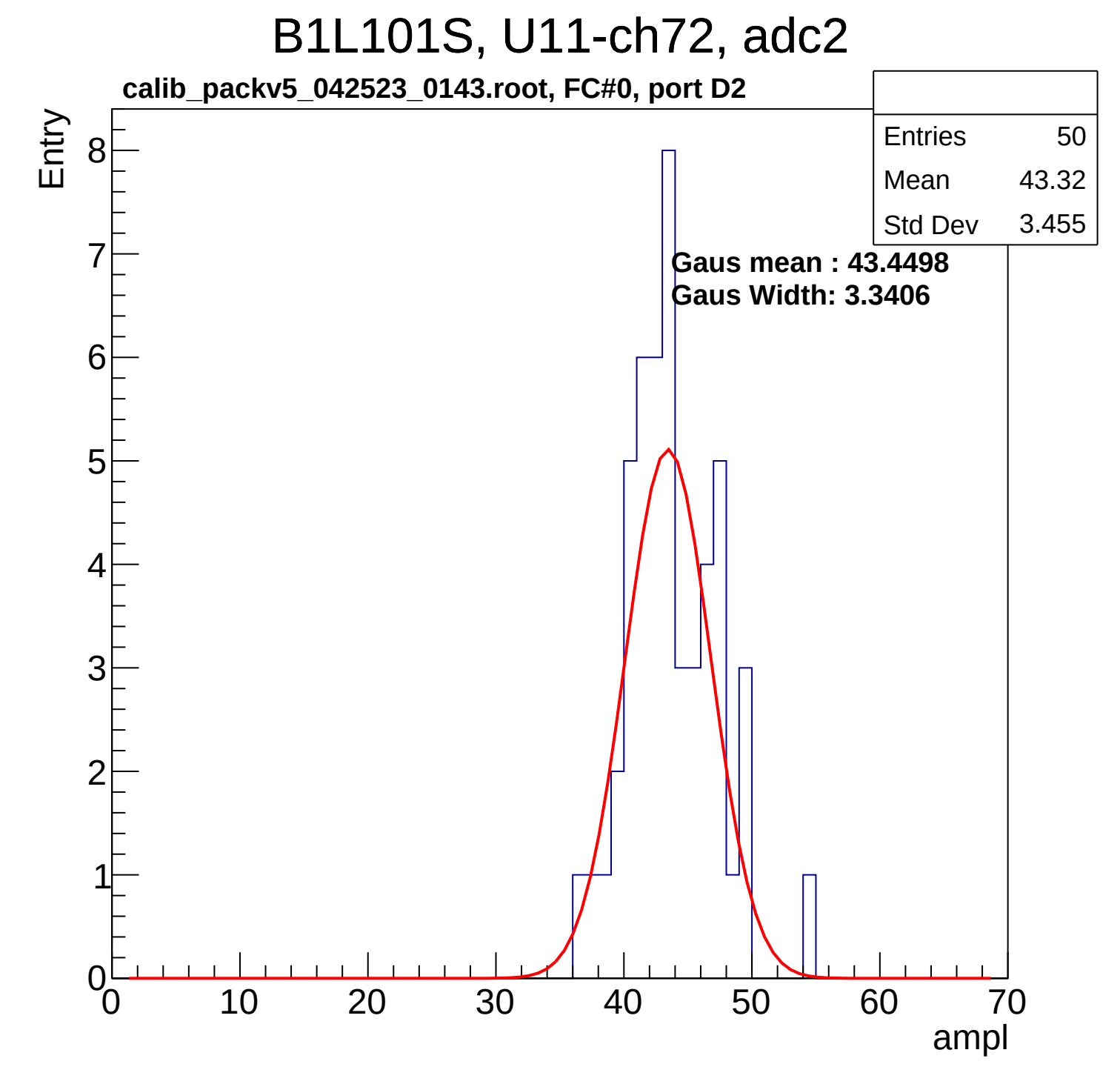
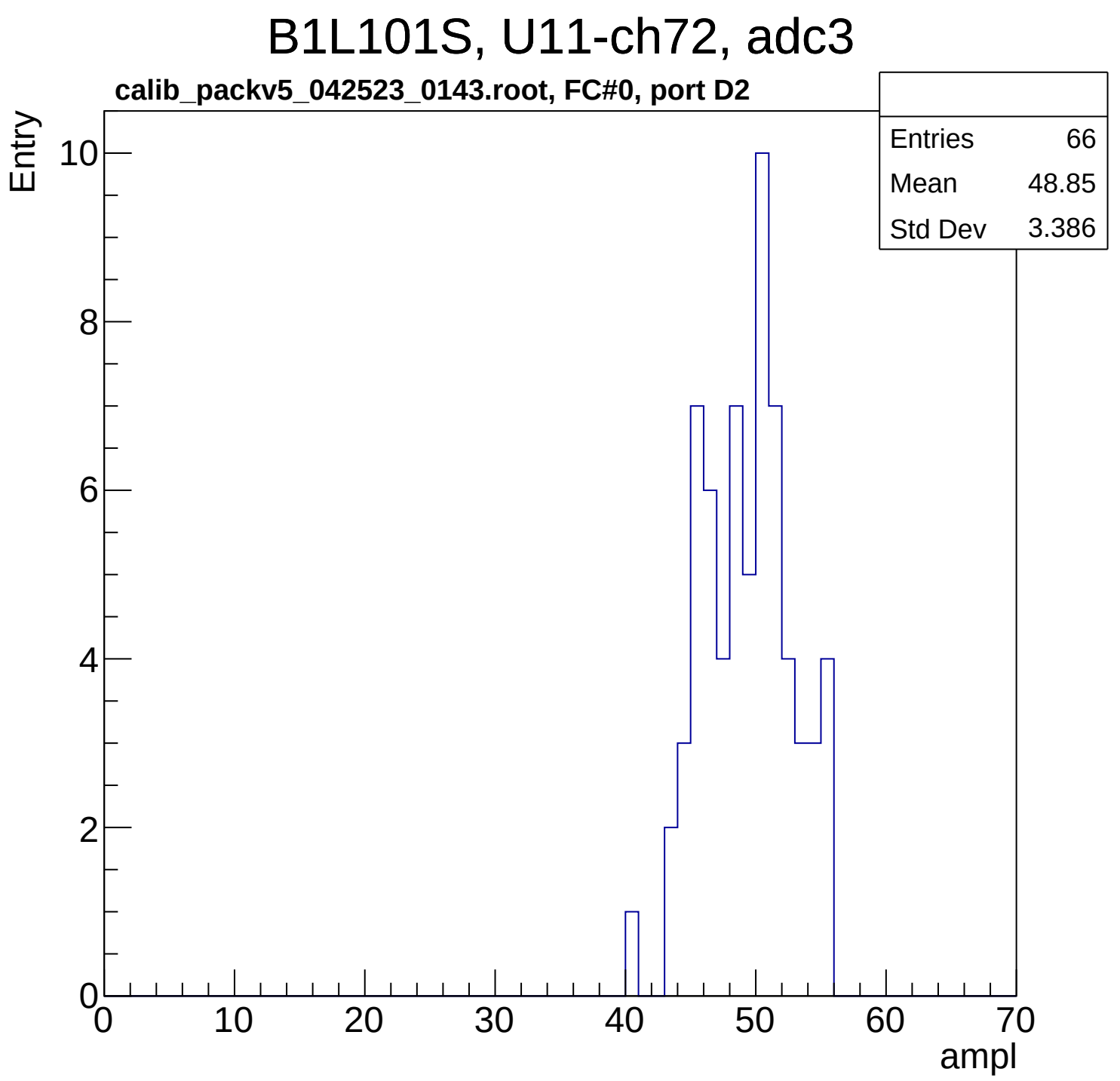
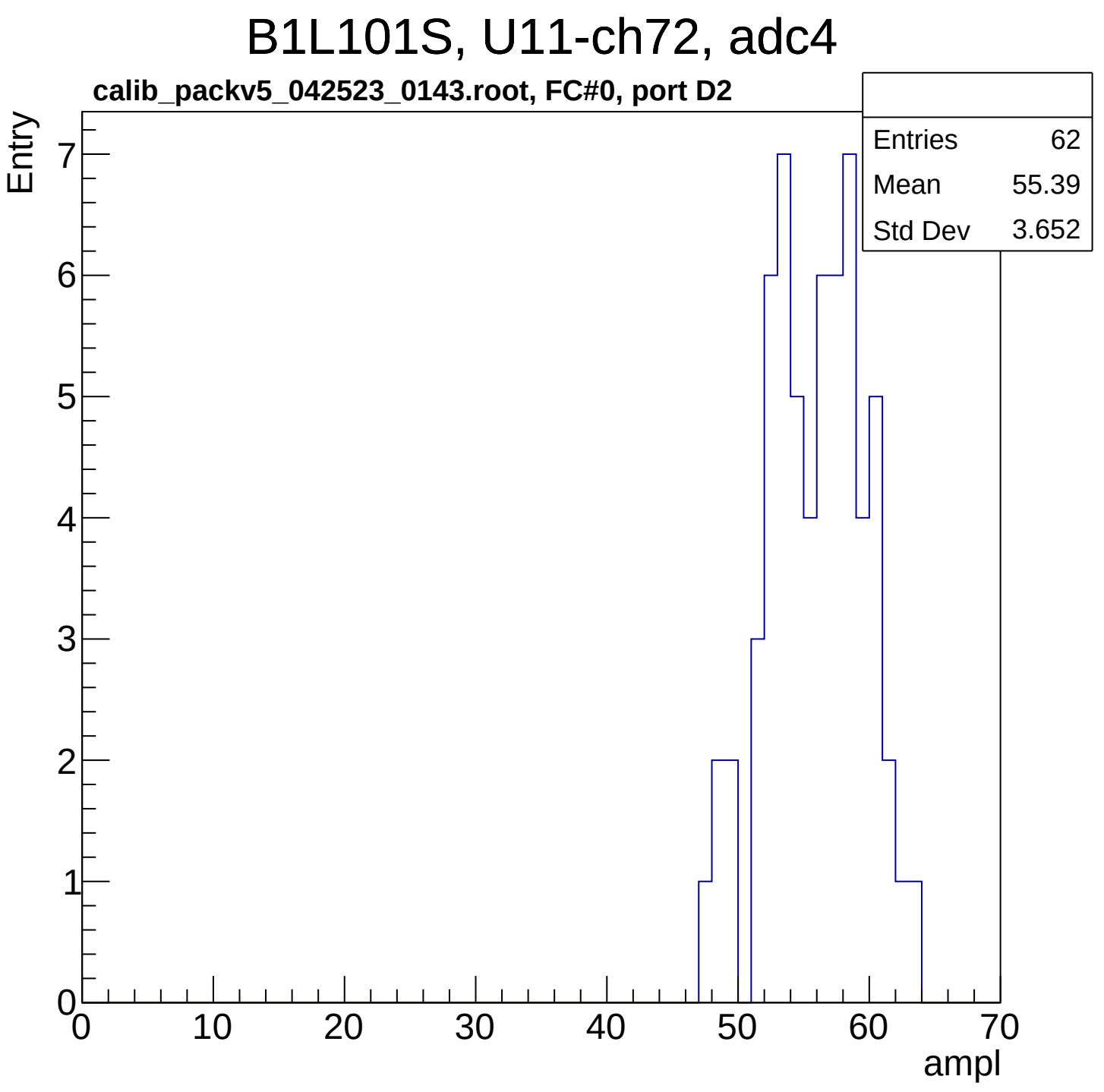
20
30
40
50
60
70


B1L101S, U11-ch72, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 81
Mean 29.65
Std Dev 3.866
Gaus mean : 30.1544
Gaus Width: 4.0156
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch72, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 36.47
Std Dev 5.644
Gaus mean : 38.0058
Gaus Width: 4.2467
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch72, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 50
Mean 43.32
Std Dev 3.455
Gaus mean : 43.4498
Gaus Width: 3.3406
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch72, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 48.85
Std Dev 3.386
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch72, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 55.39
Std Dev 3.652
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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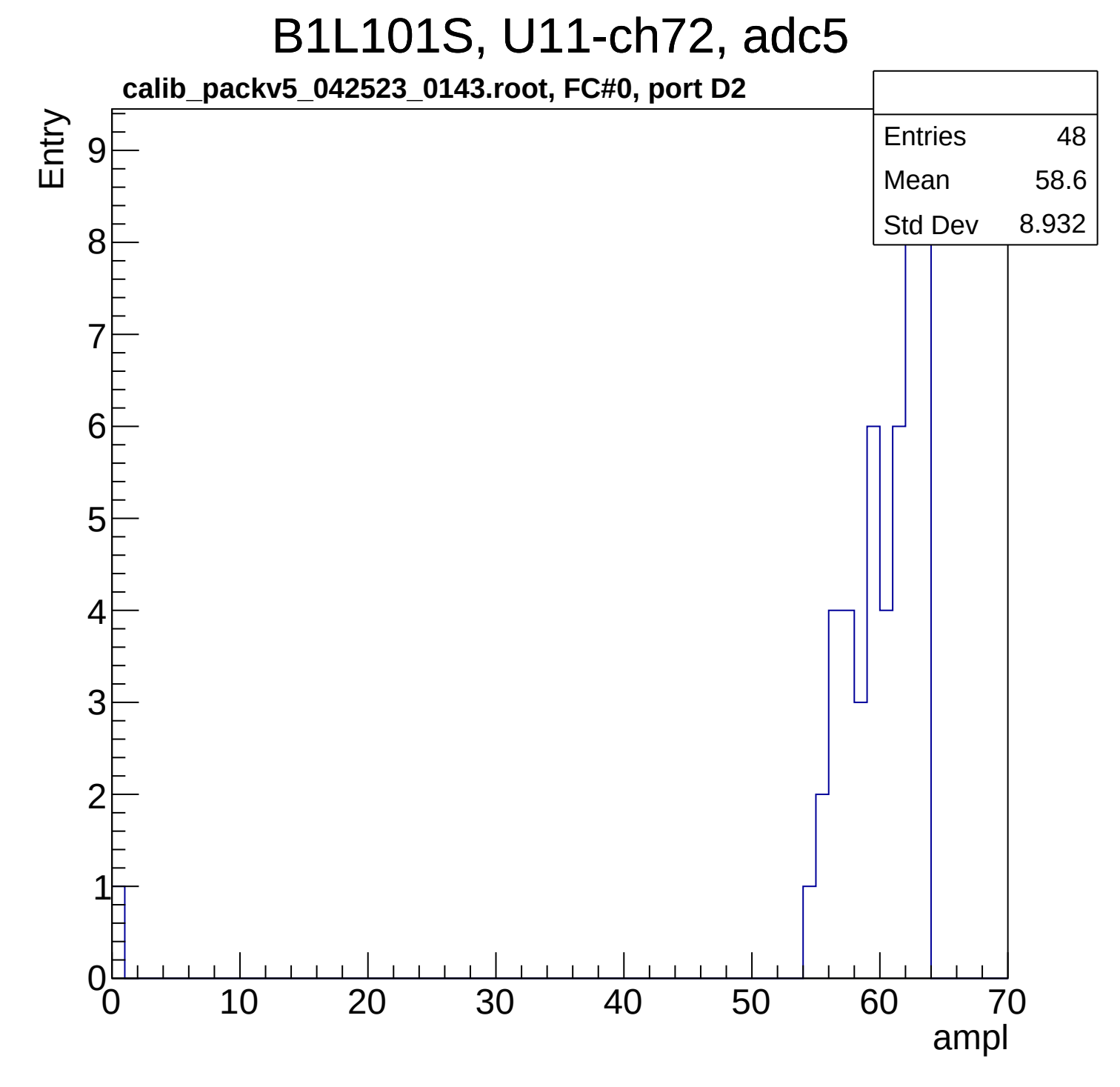
B1L101S, U11-ch72, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 48
Mean 58.6
Std Dev 8.932
Entry
ampl
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3
4
5
6
7
8
9
0
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20
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40
50
60
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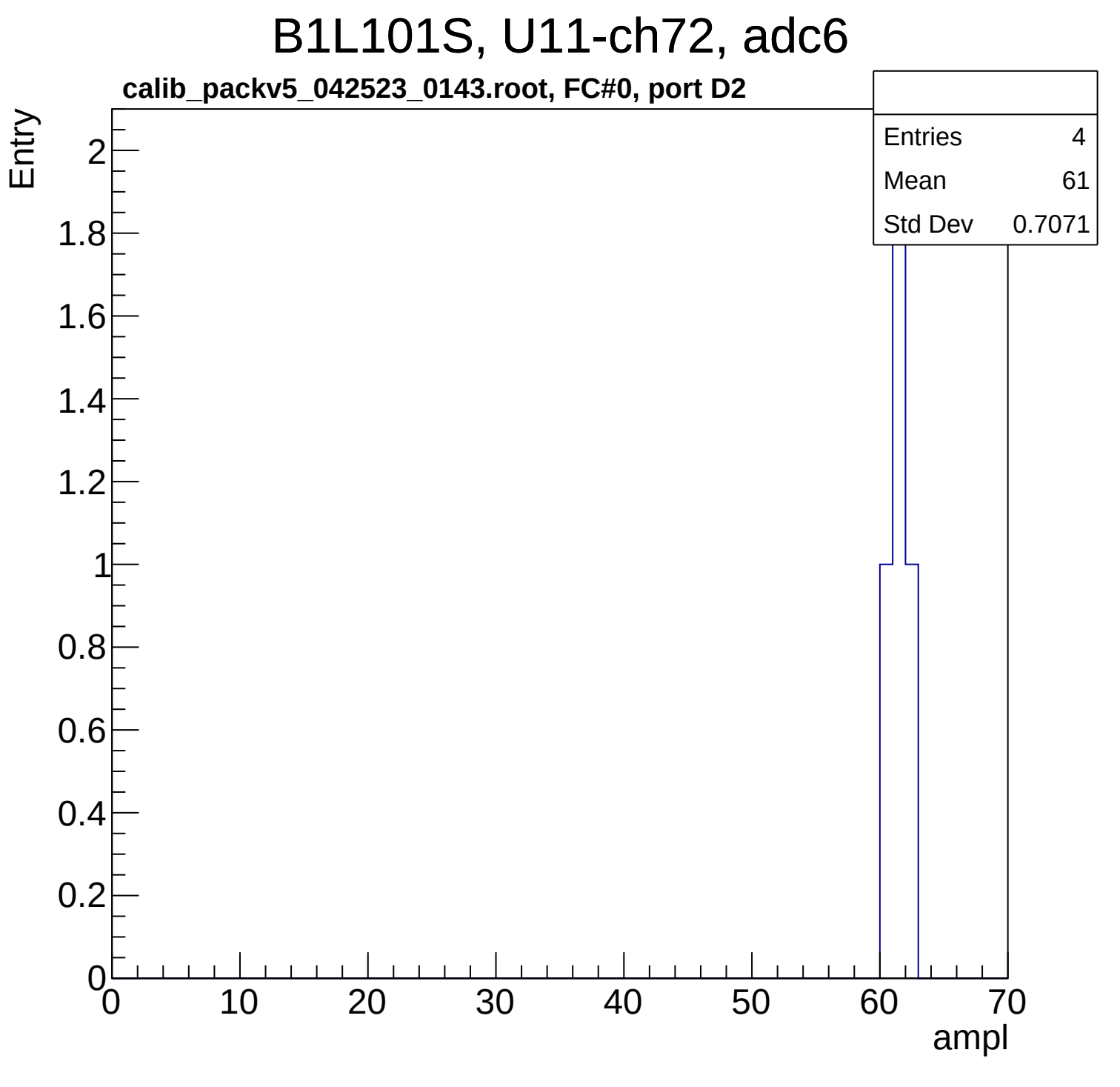
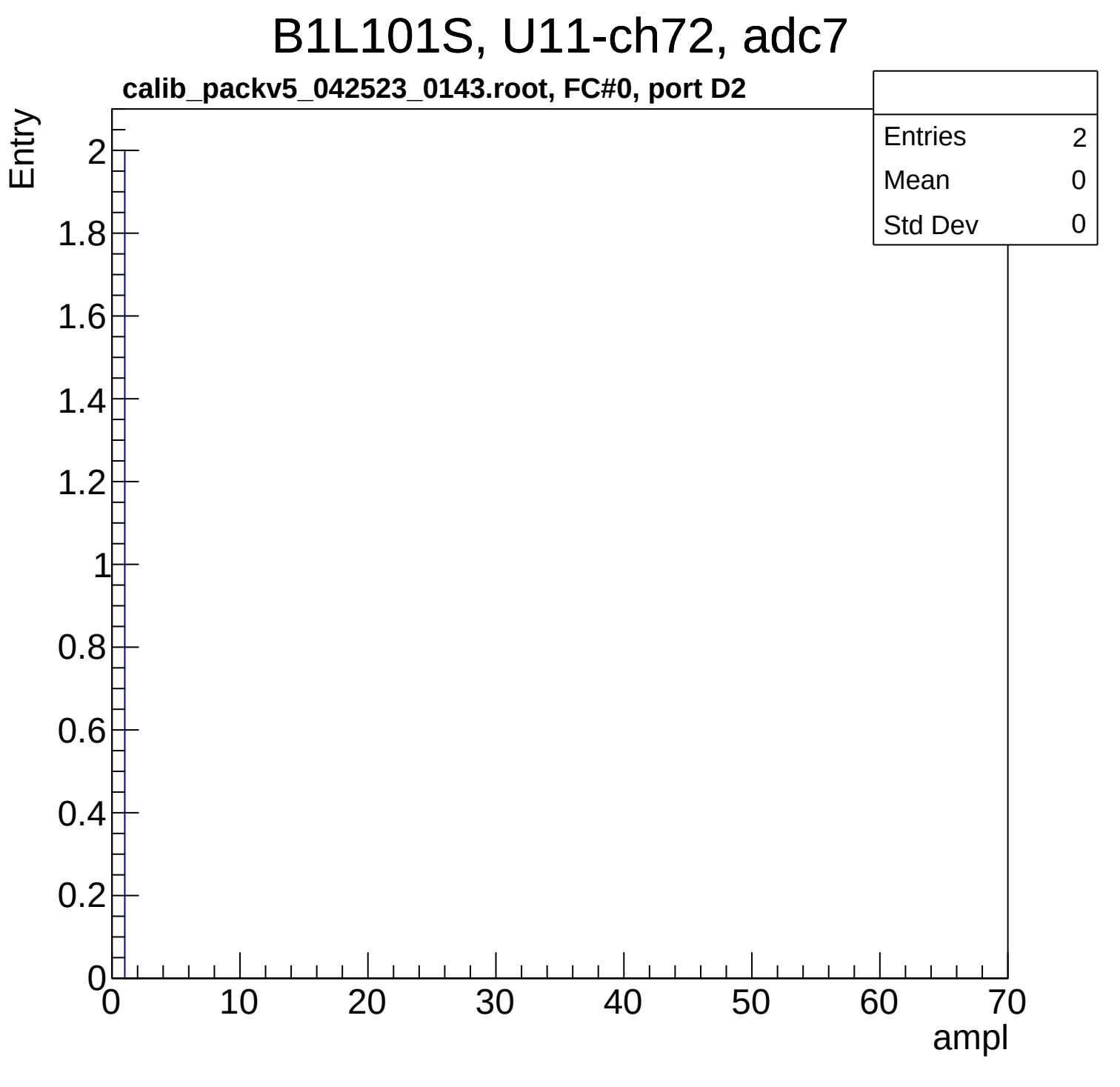

B1L101S, U11-ch72, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 61
Std Dev 0.7071
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U11-ch72, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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
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60
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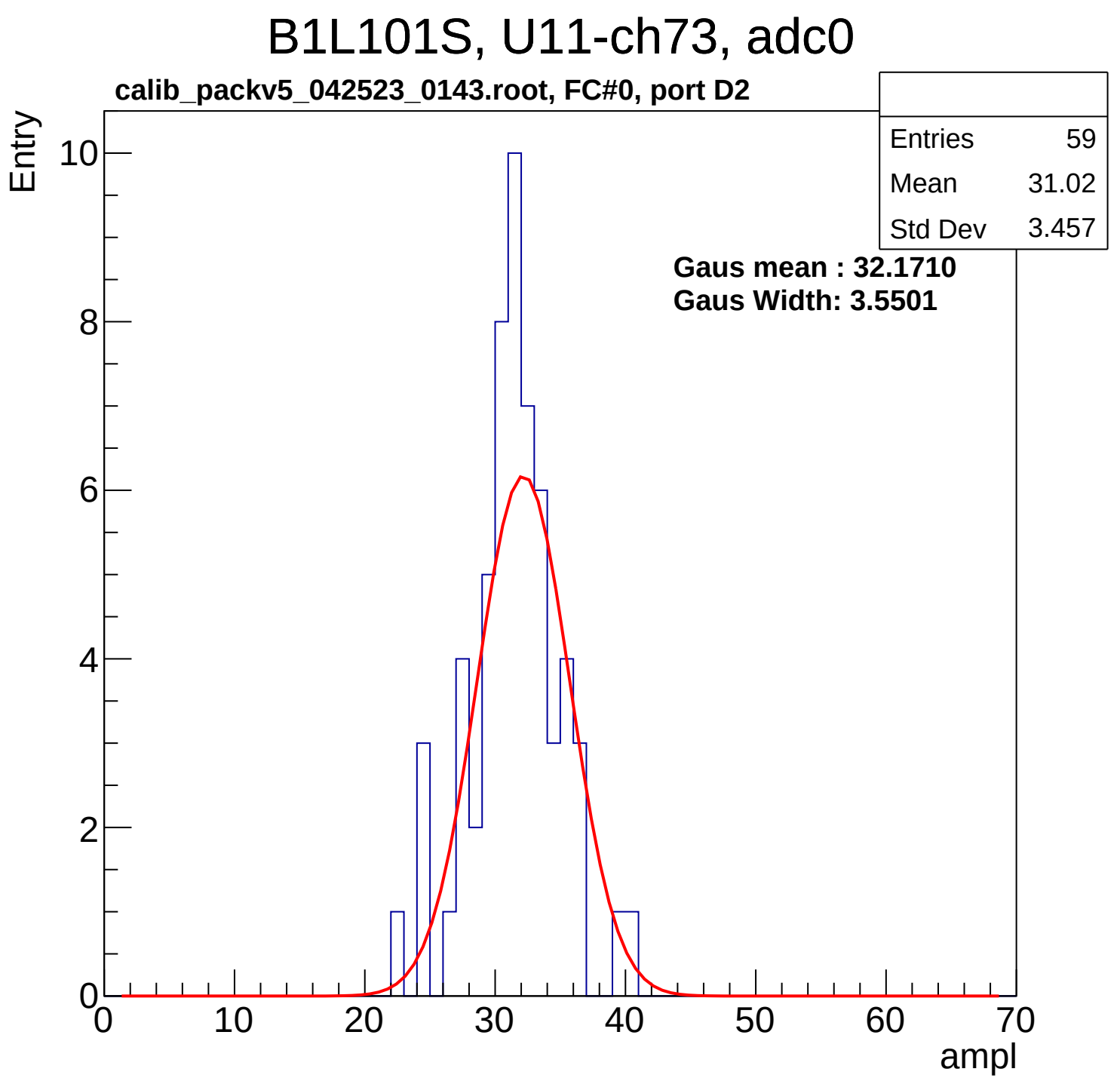
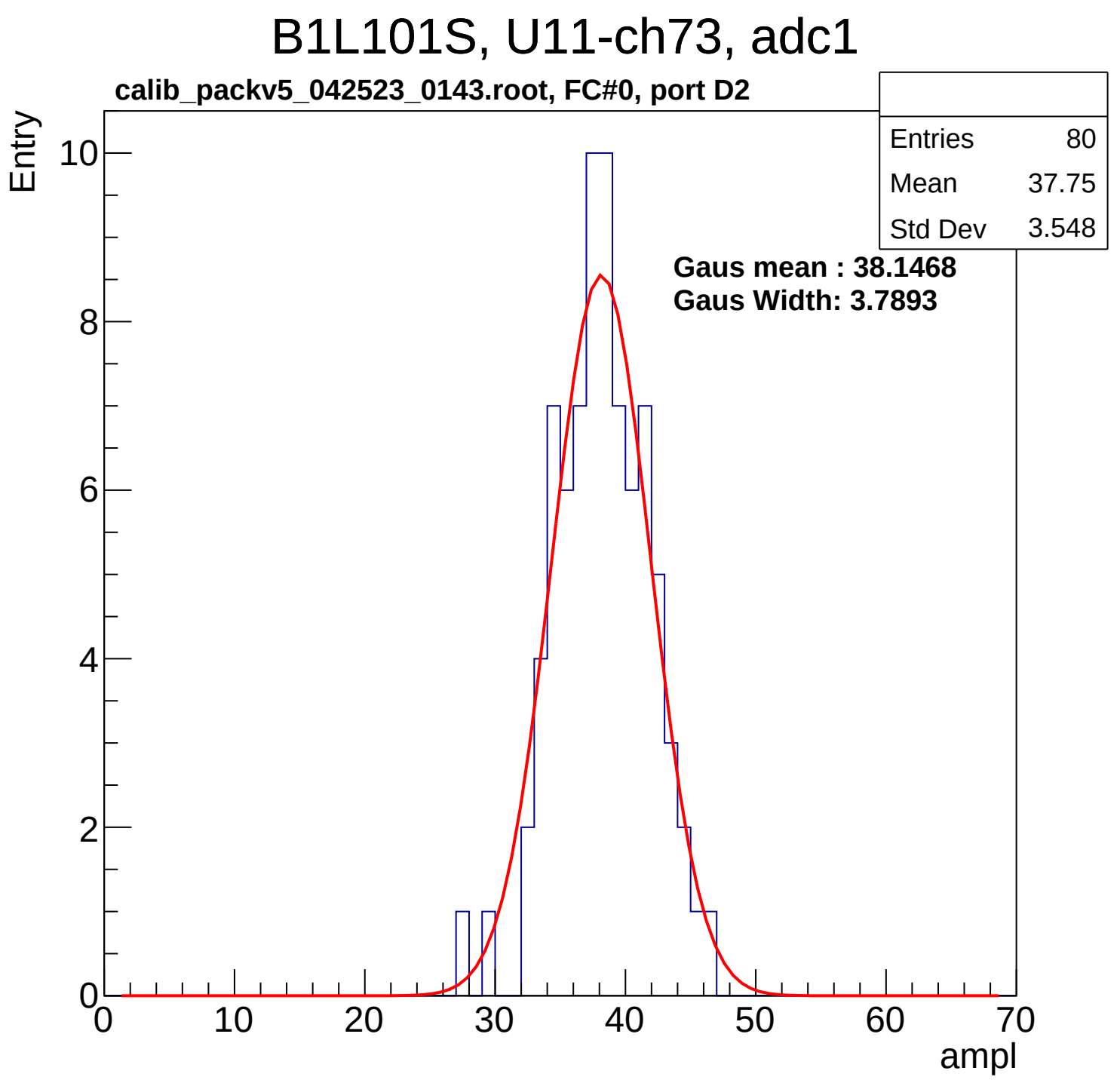
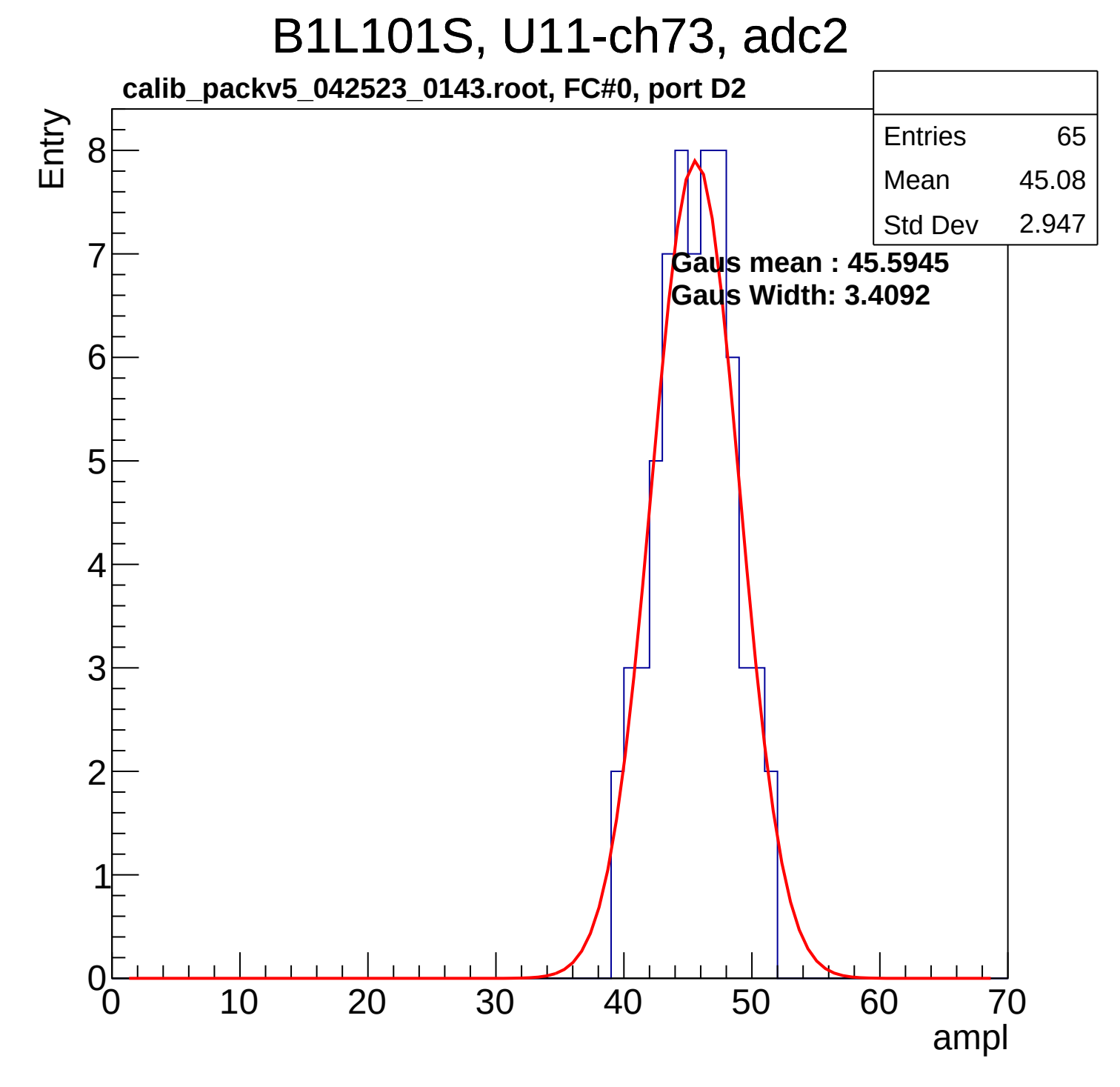

B1L101S, U11-ch73, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 31.02
Std Dev 3.457
Gaus mean : 32.1710
Gaus Width: 3.5501
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch73, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 80
Mean 37.75
Std Dev 3.548
Gaus mean : 38.1468
Gaus Width: 3.7893
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch73, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 45.08
Std Dev 2.947
Gaus mean : 45.5945
Gaus Width: 3.4092
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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40
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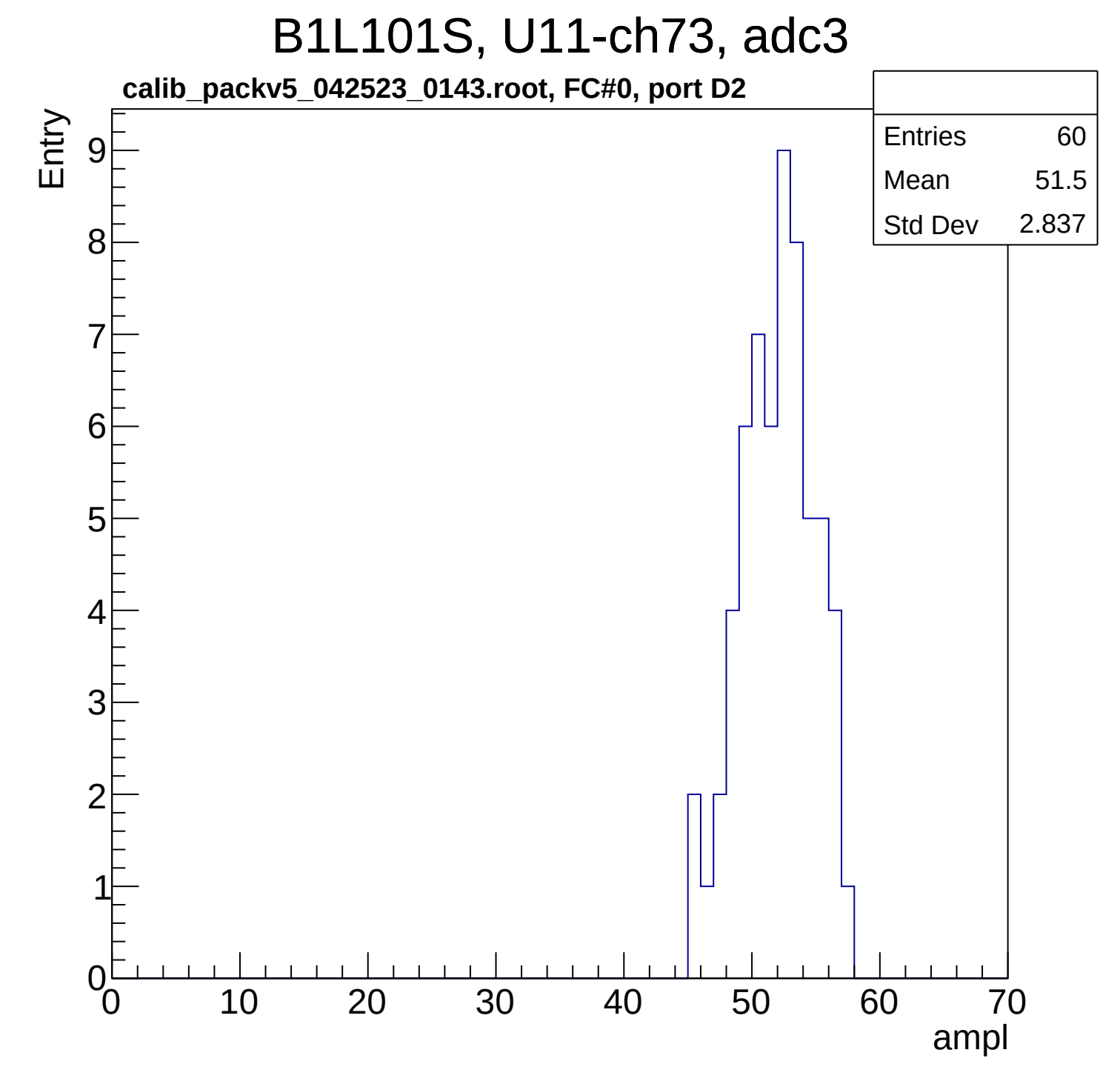
B1L101S, U11-ch73, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 51.5
Std Dev 2.837
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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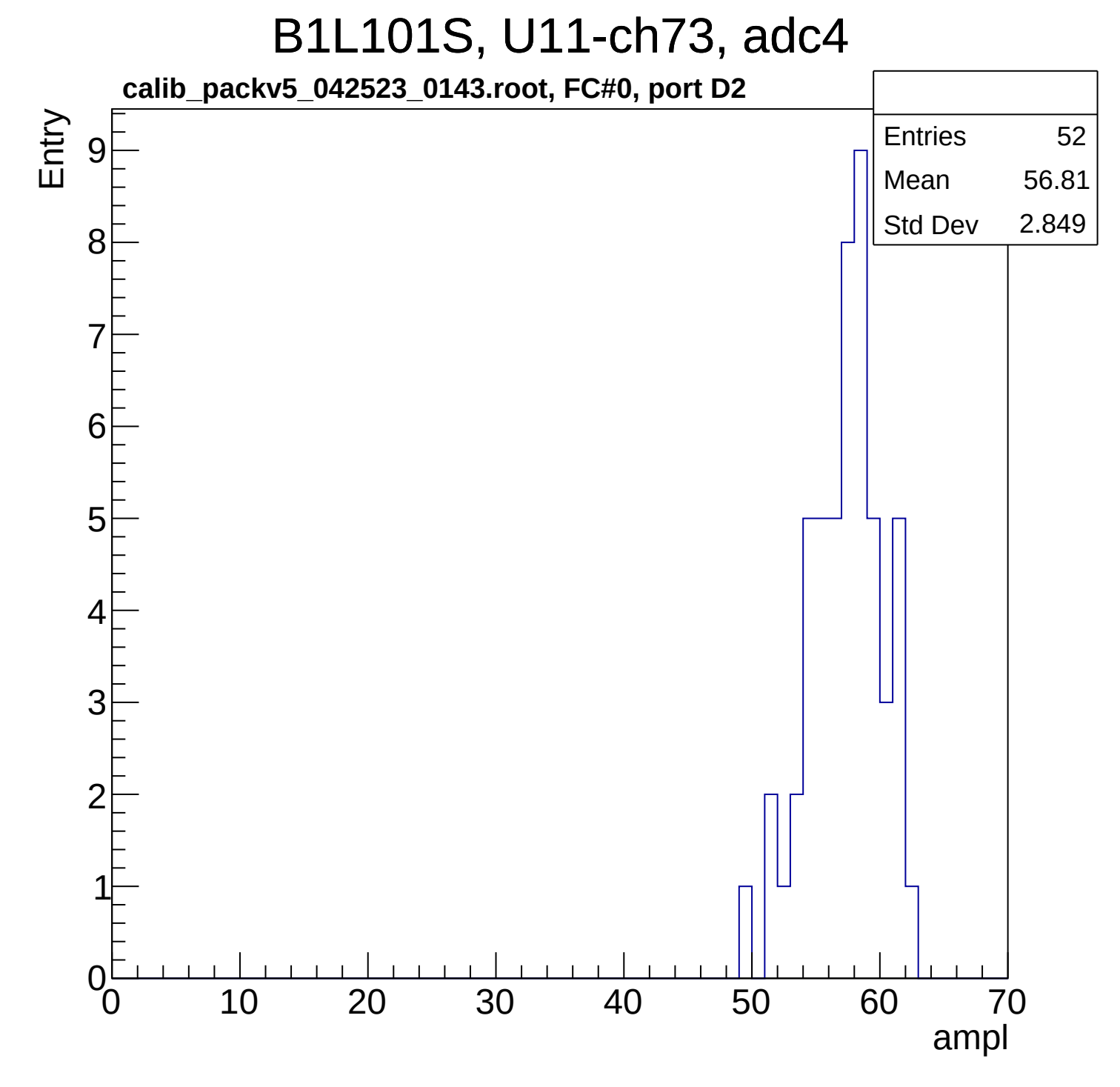
B1L101S, U11-ch73, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 56.81
Std Dev 2.849
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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60
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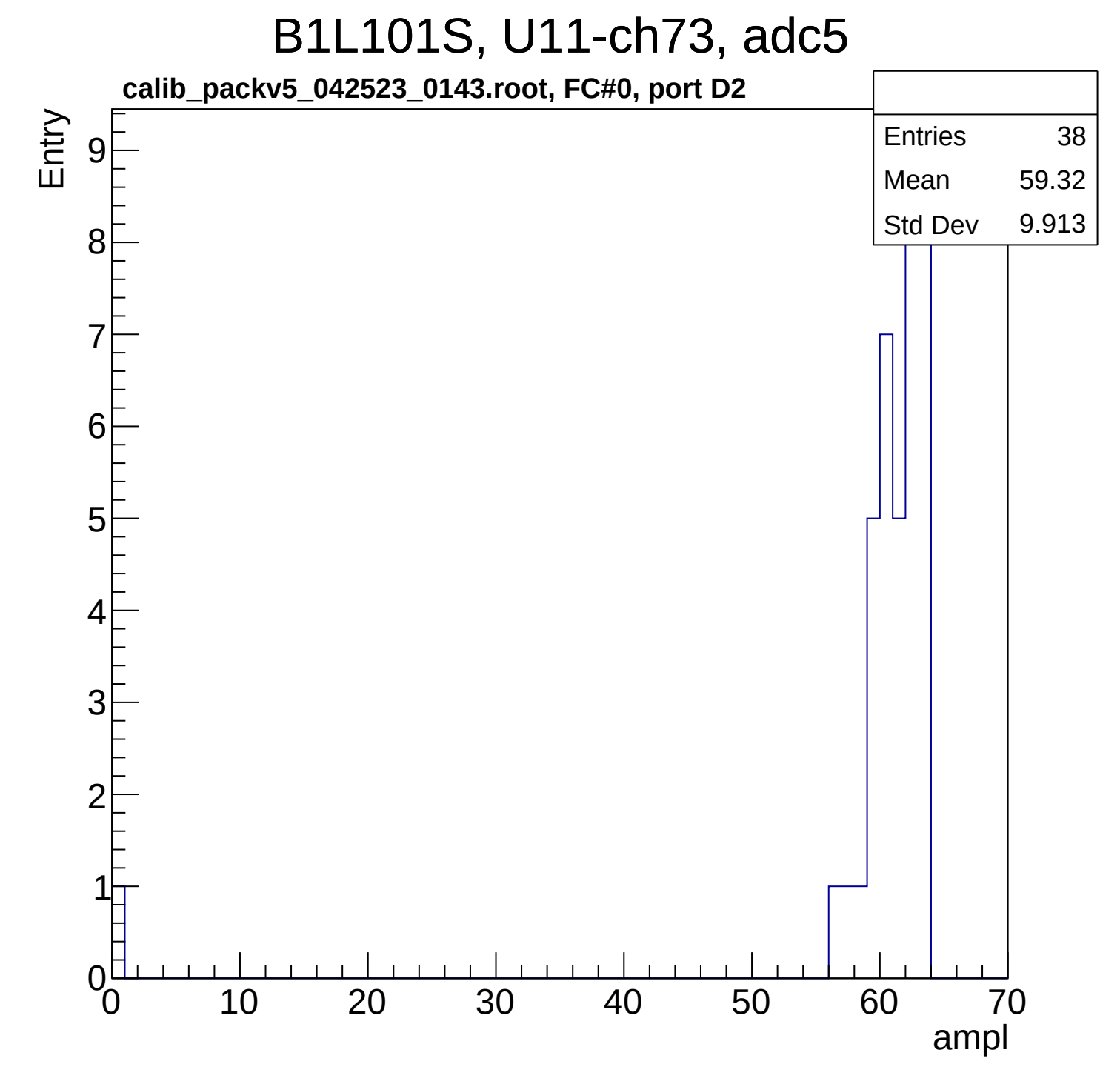
B1L101S, U11-ch73, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 38
Mean 59.32
Std Dev 9.913
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
30
40
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60
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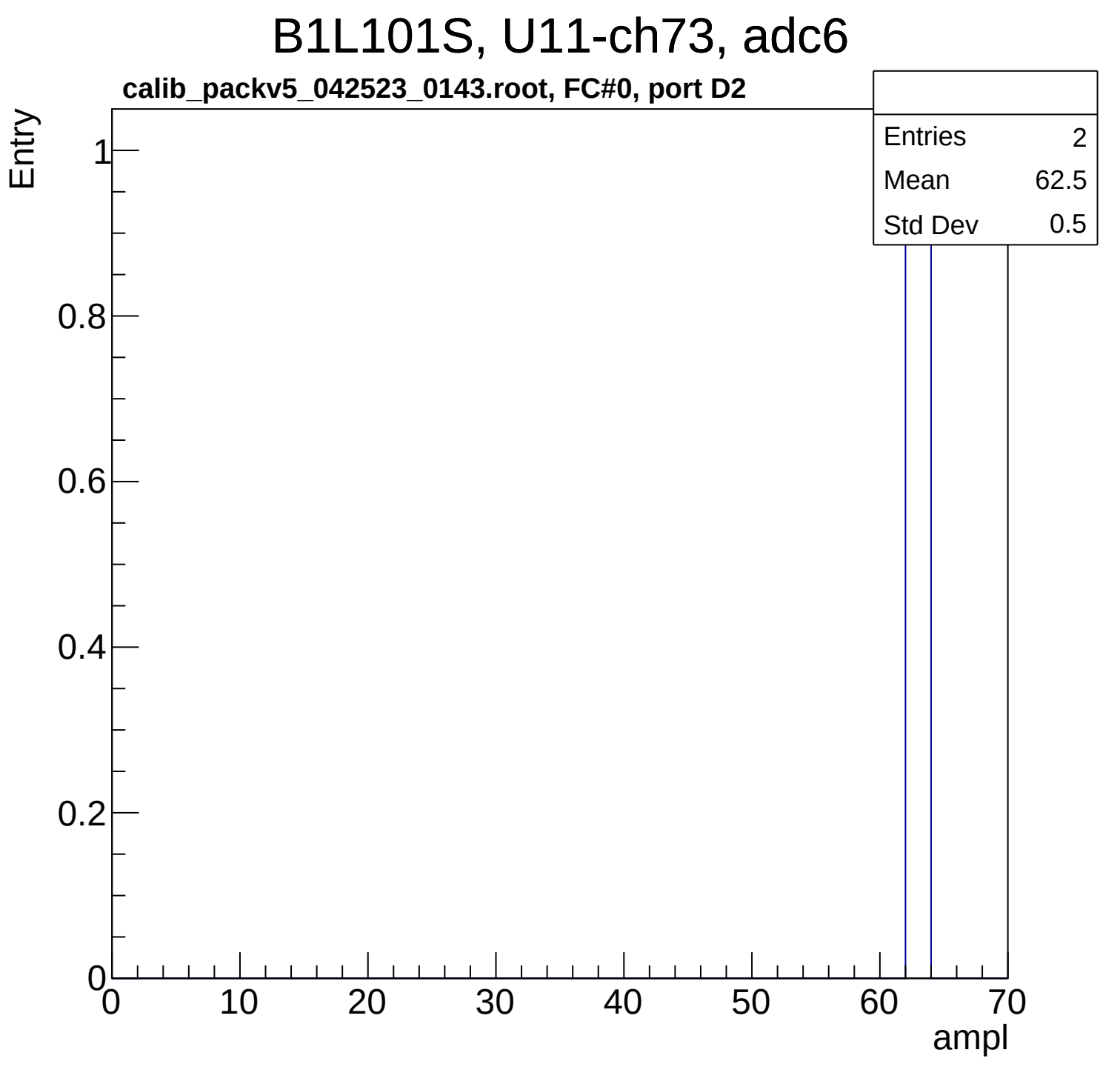
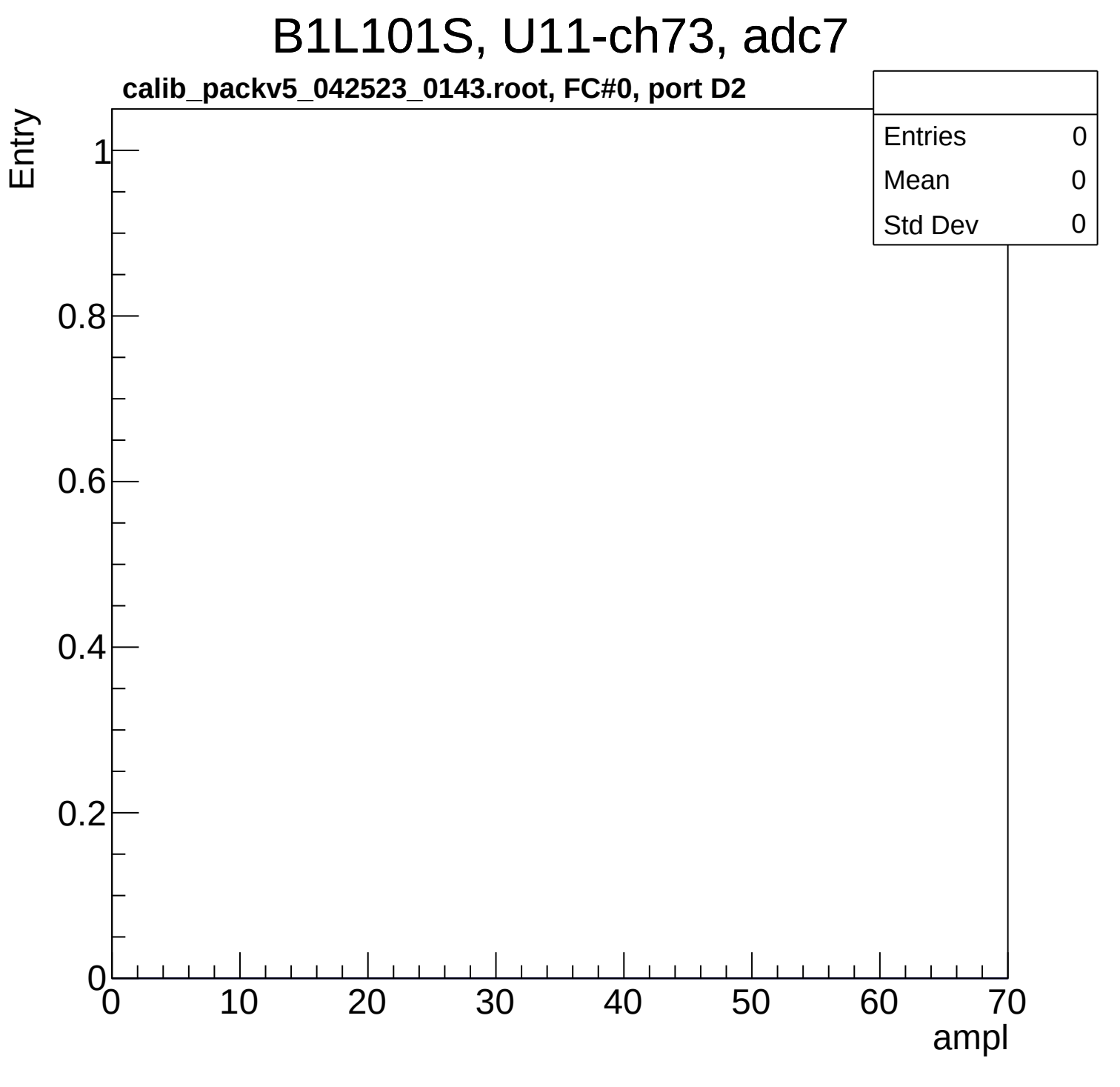
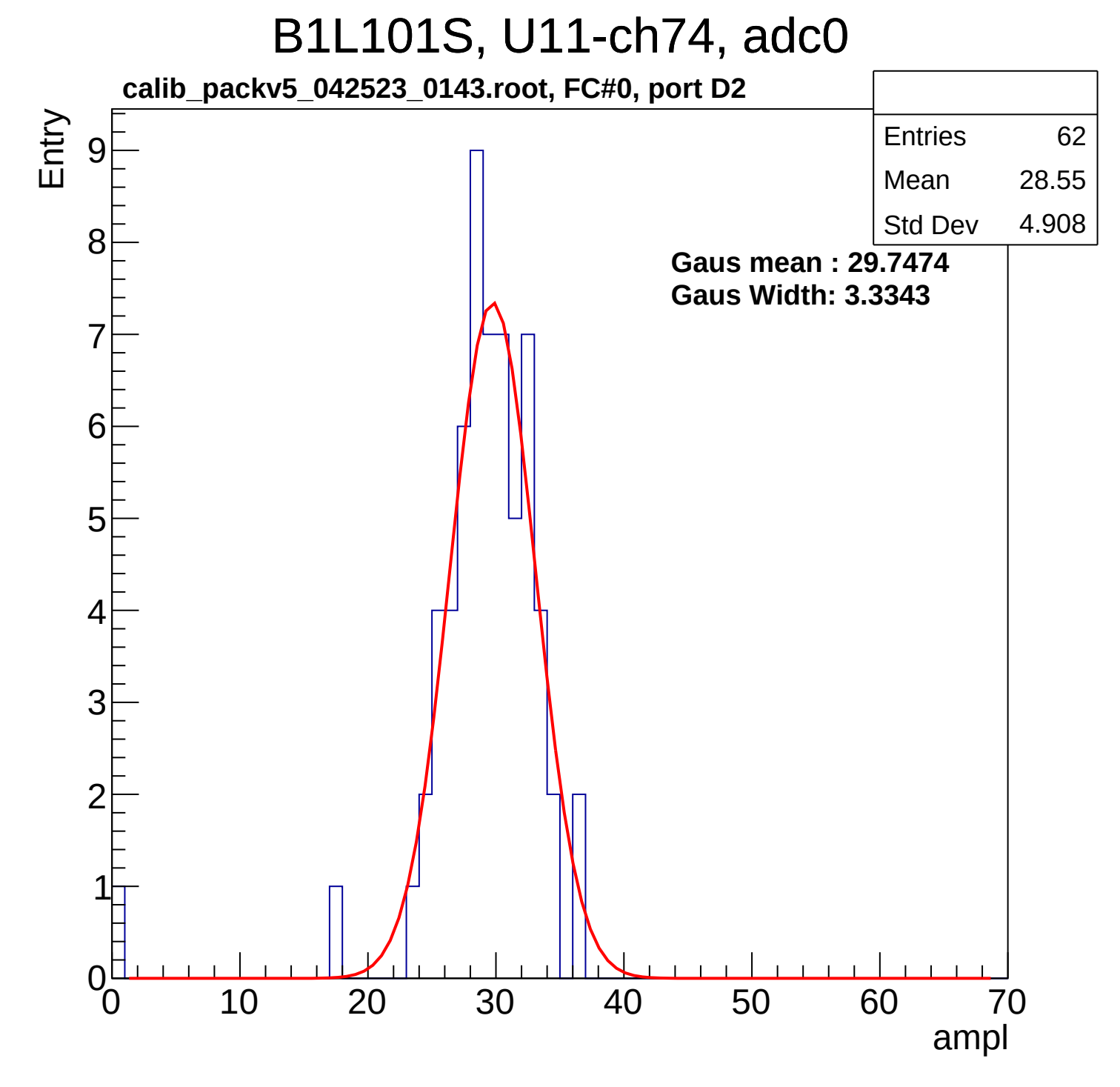
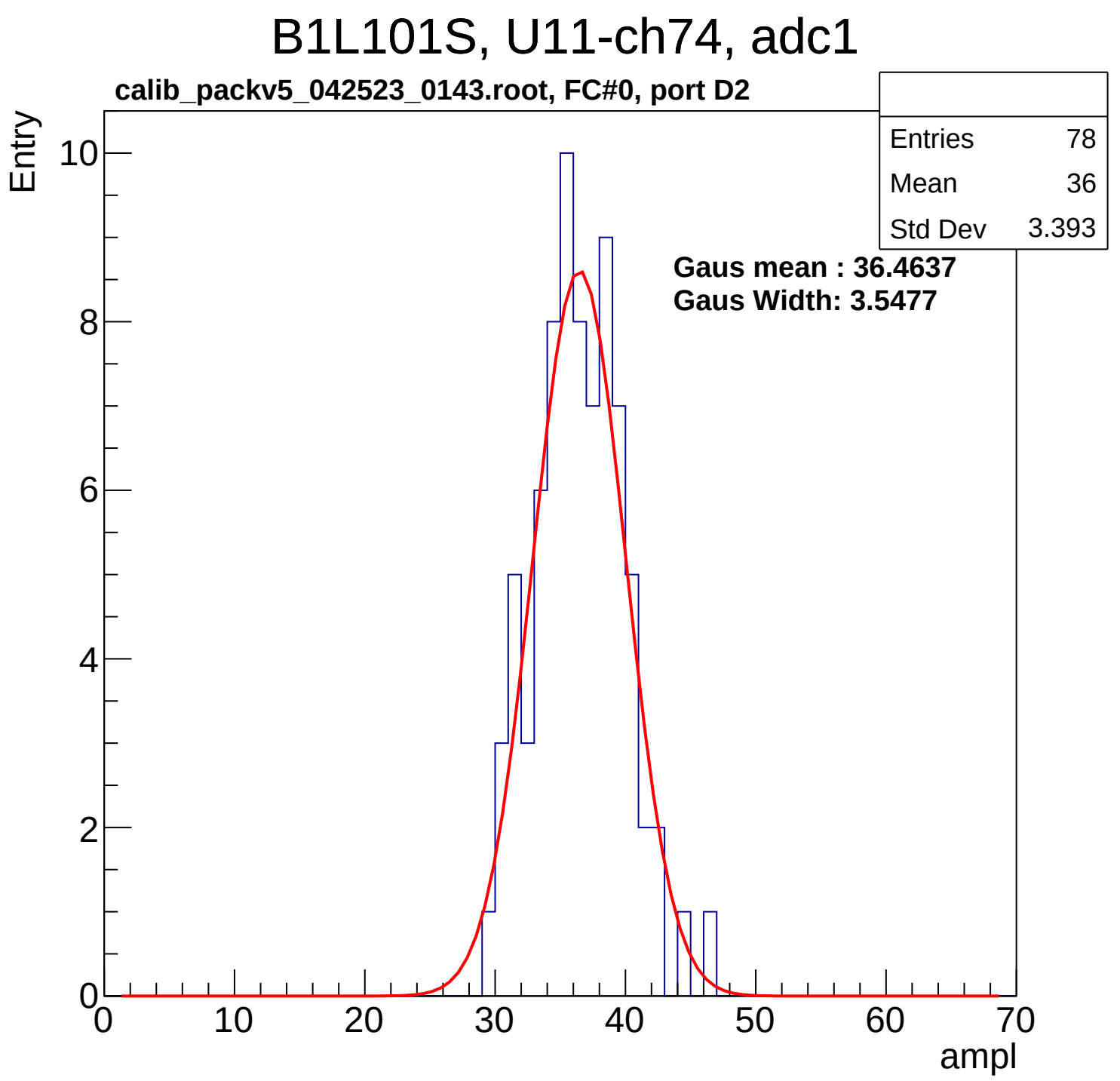
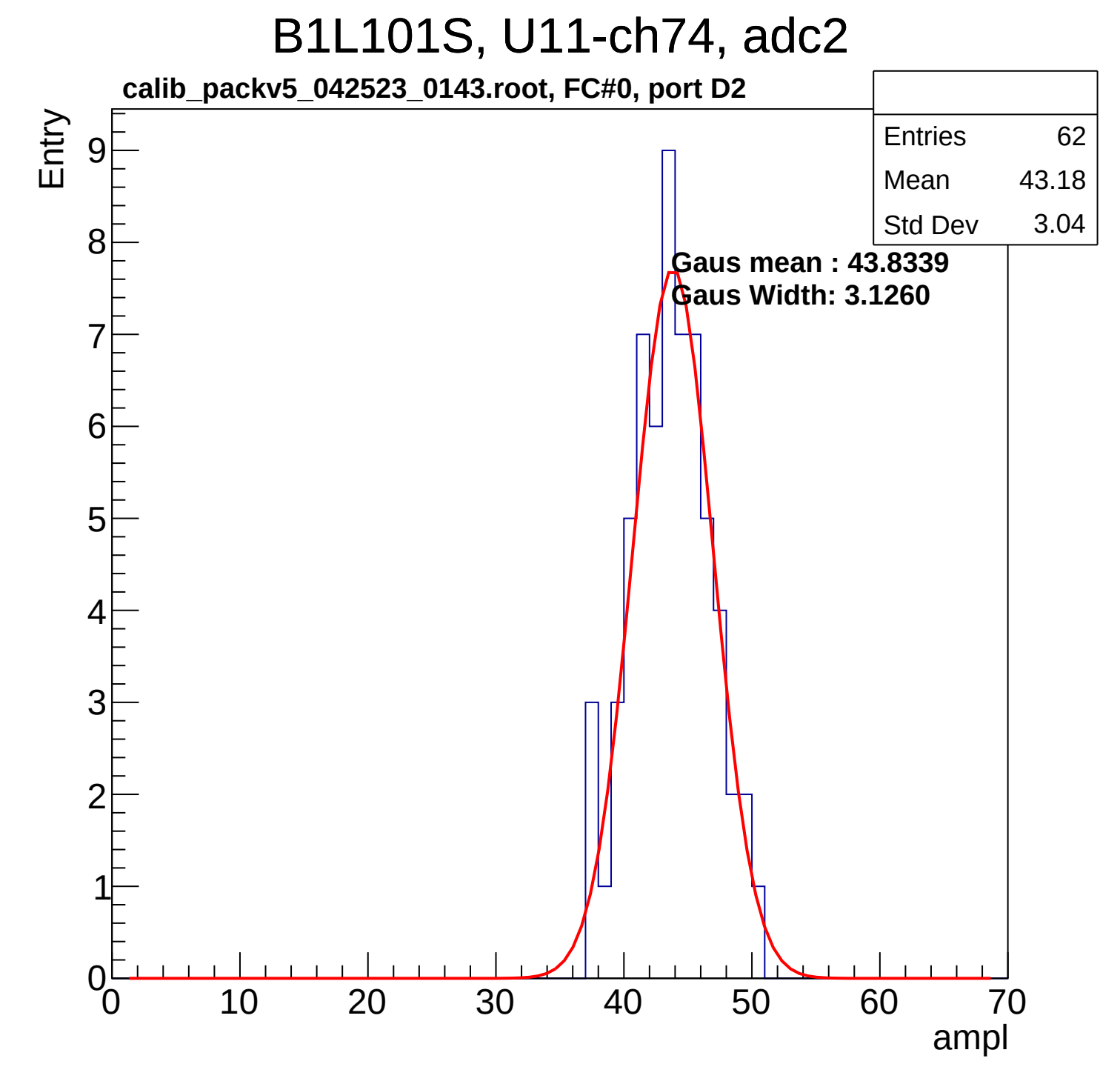

B1L101S, U11-ch73, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch73, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch74, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 28.55
Std Dev 4.908
Gaus mean : 29.7474
Gaus Width: 3.3343
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch74, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 78
Mean 36
Std Dev 3.393
Gaus mean : 36.4637
Gaus Width: 3.5477
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch74, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 43.18
Std Dev 3.04
Gaus mean : 43.8339
Gaus Width: 3.1260
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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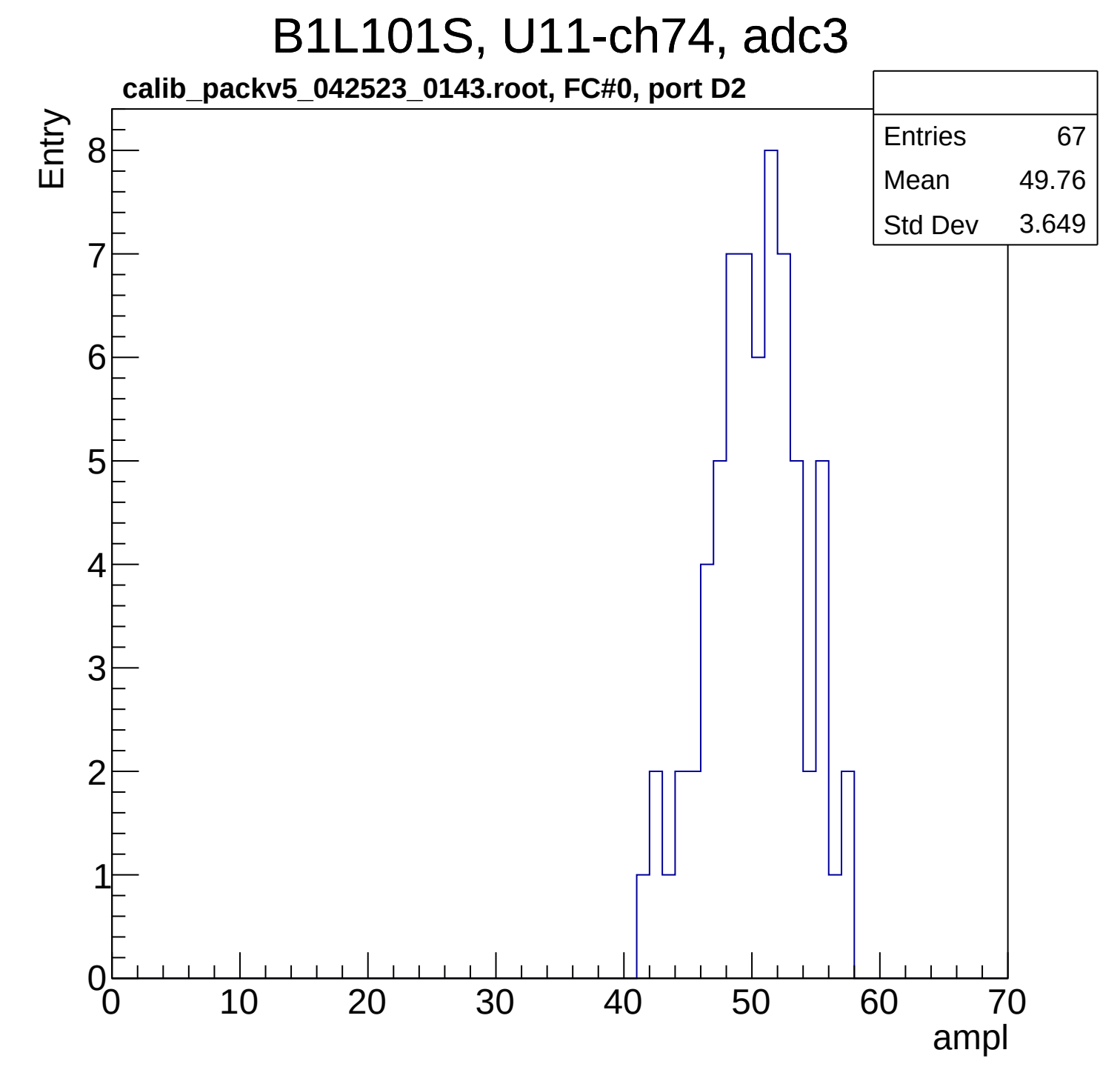
B1L101S, U11-ch74, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 49.76
Std Dev 3.649
Entry
ampl
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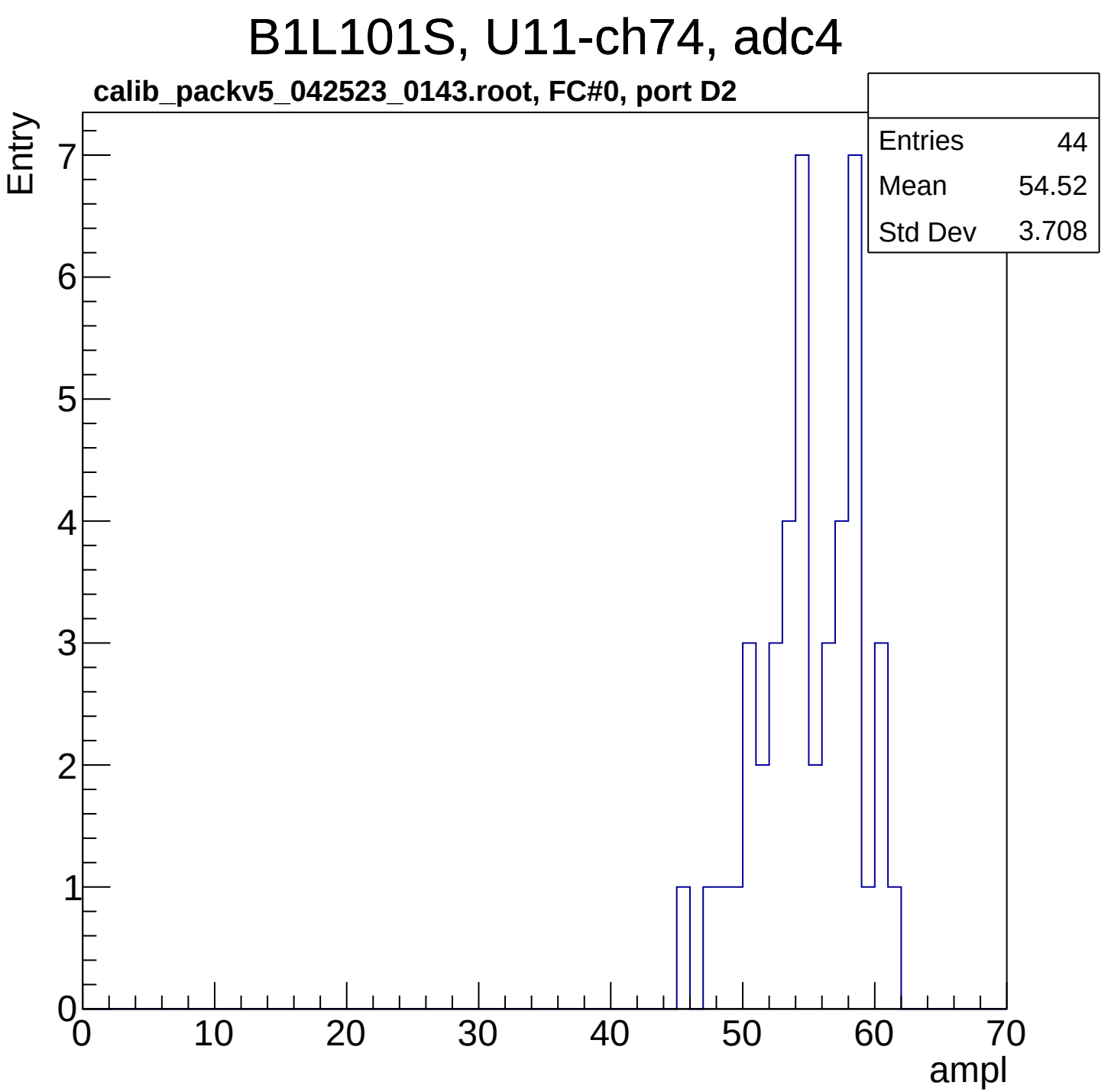
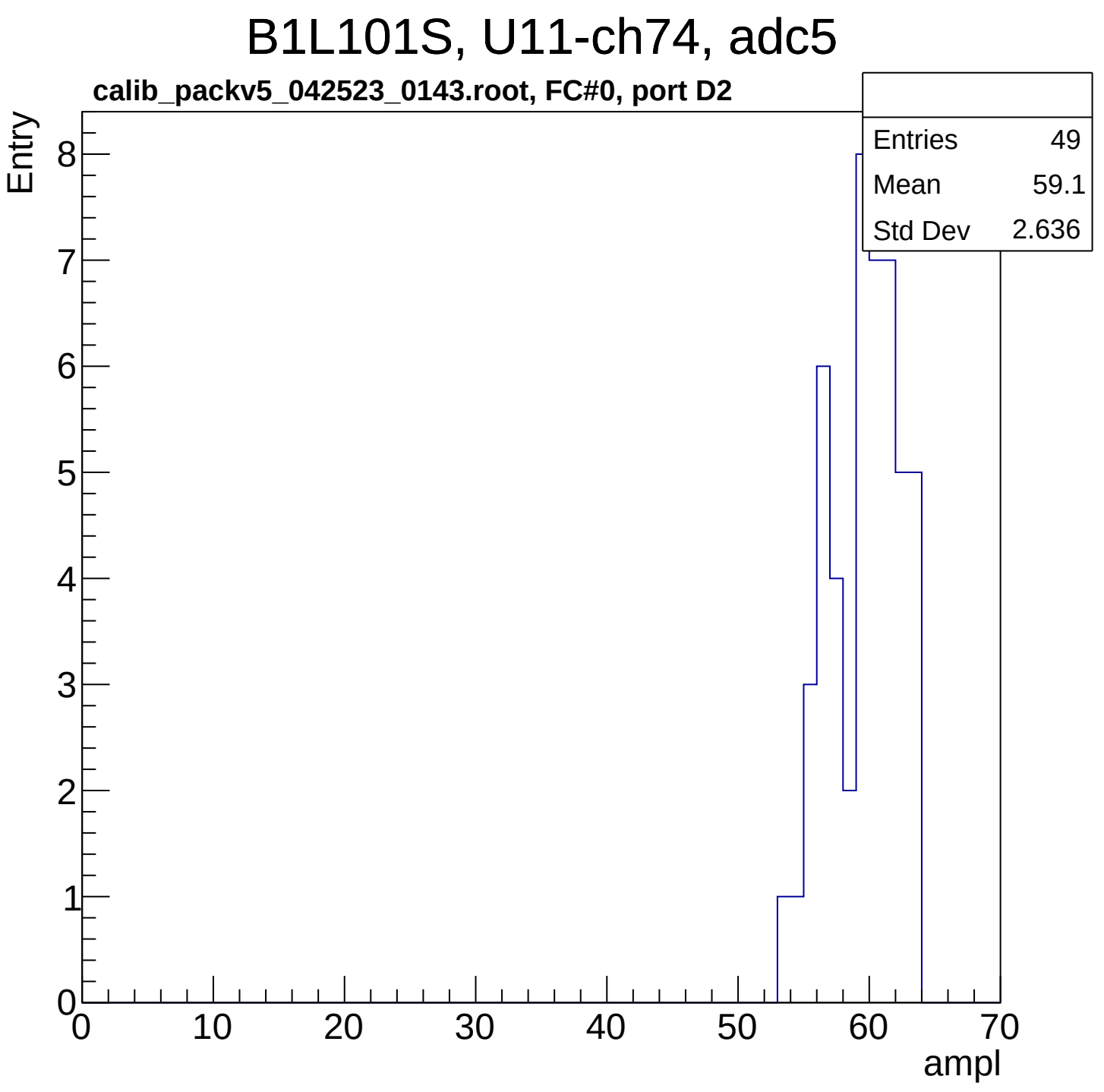
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch74, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 44
Mean 54.52
Std Dev 3.708
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch74, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 49
Mean 59.1
Std Dev 2.636
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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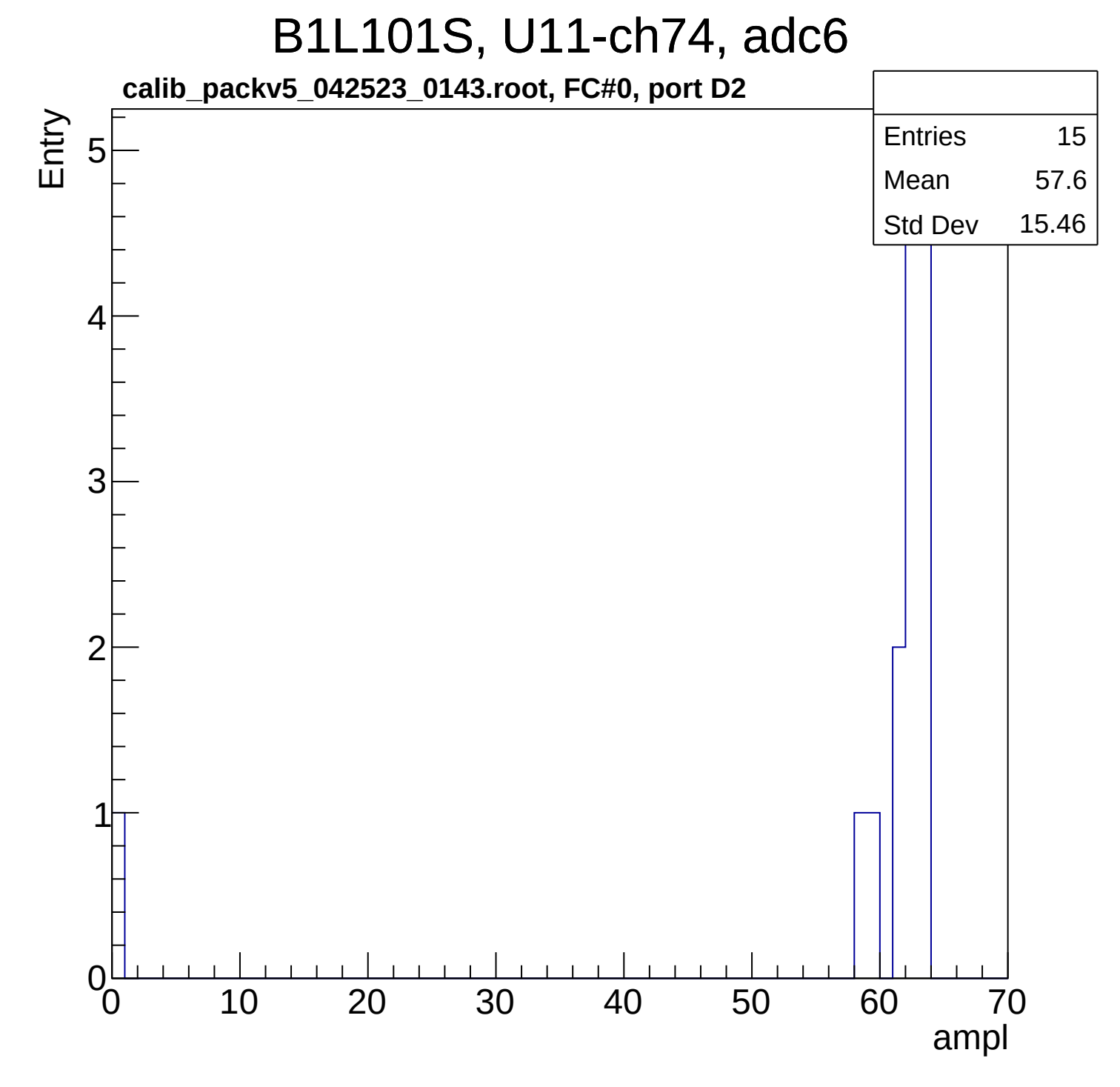
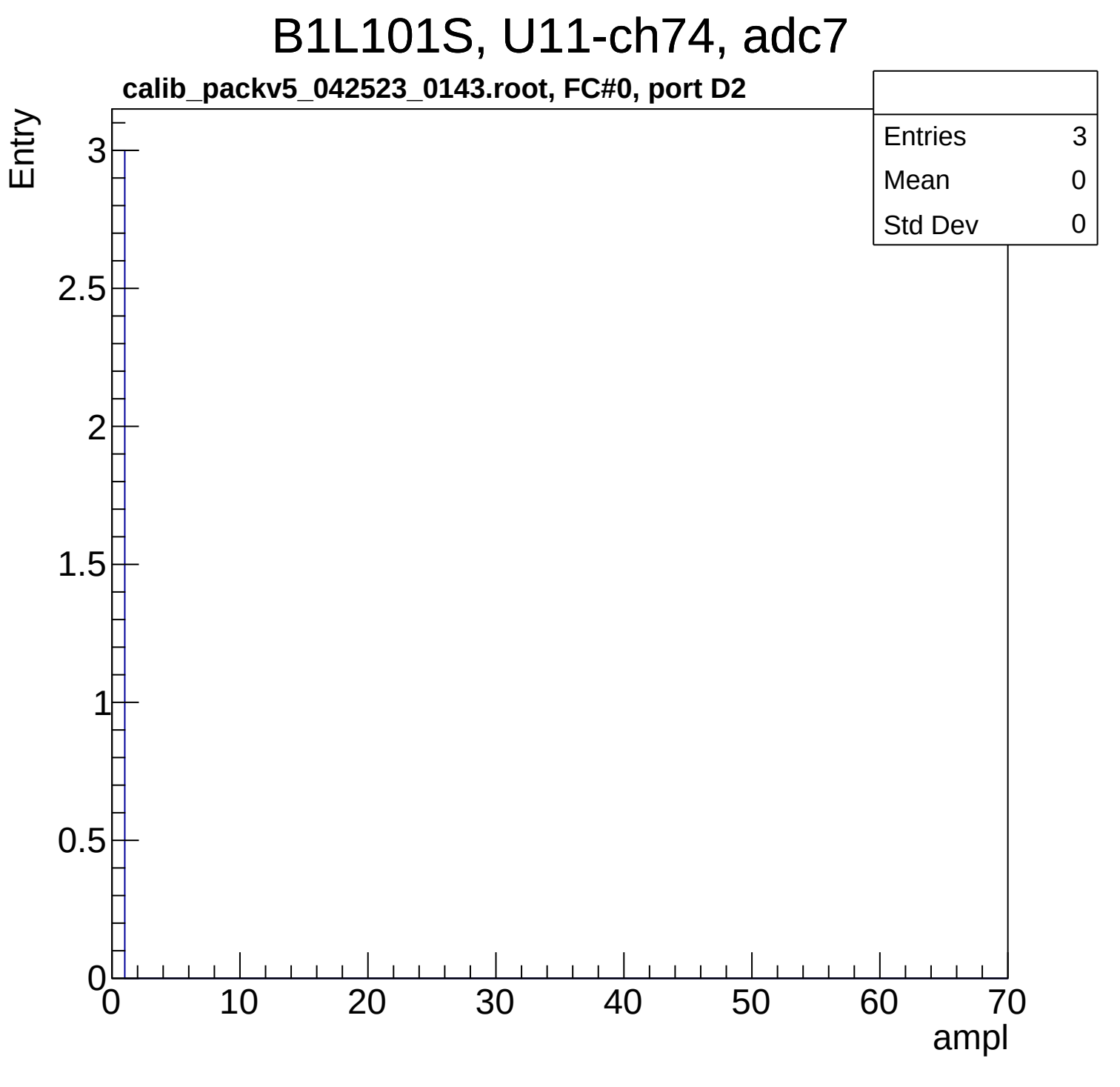
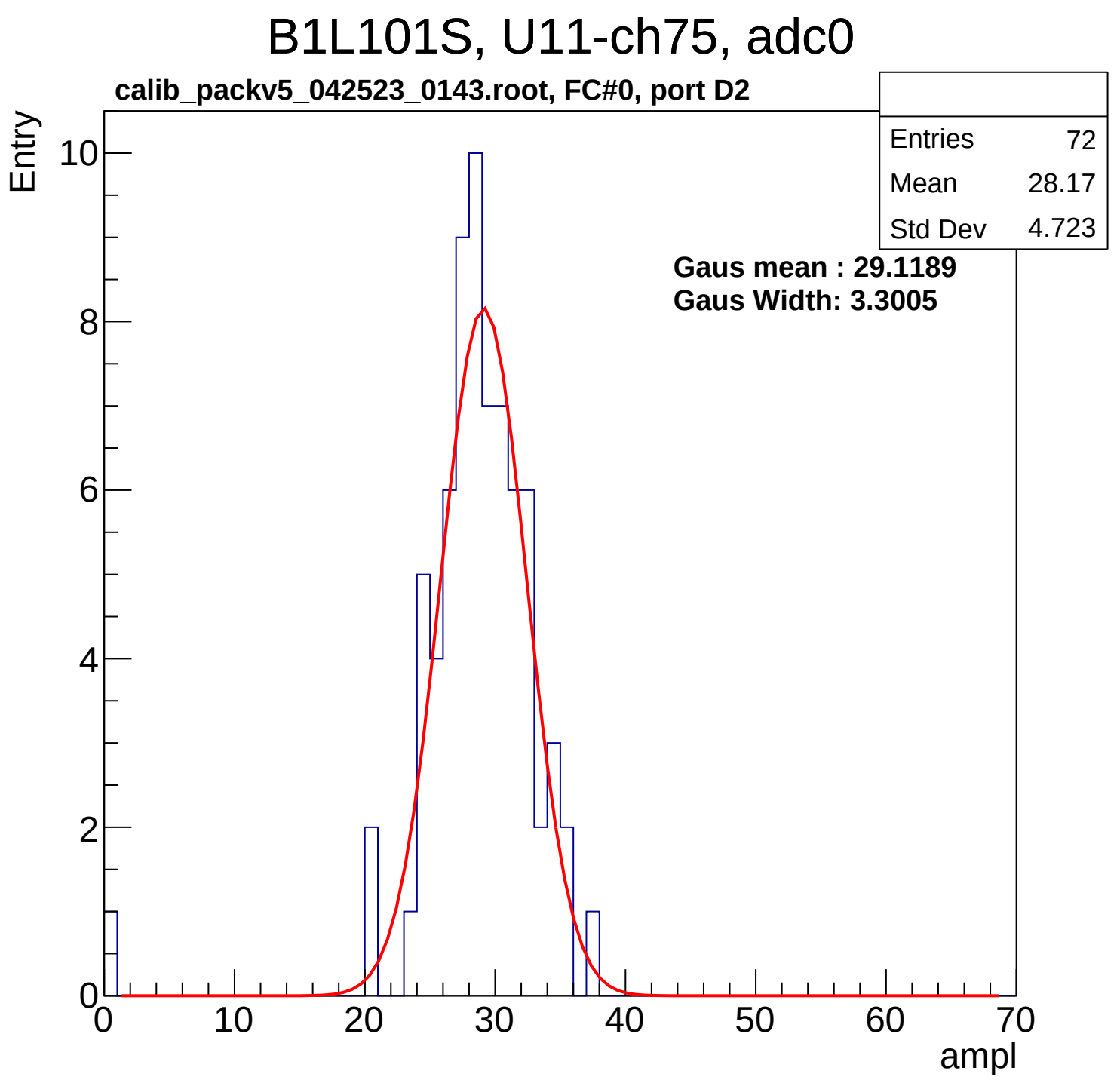
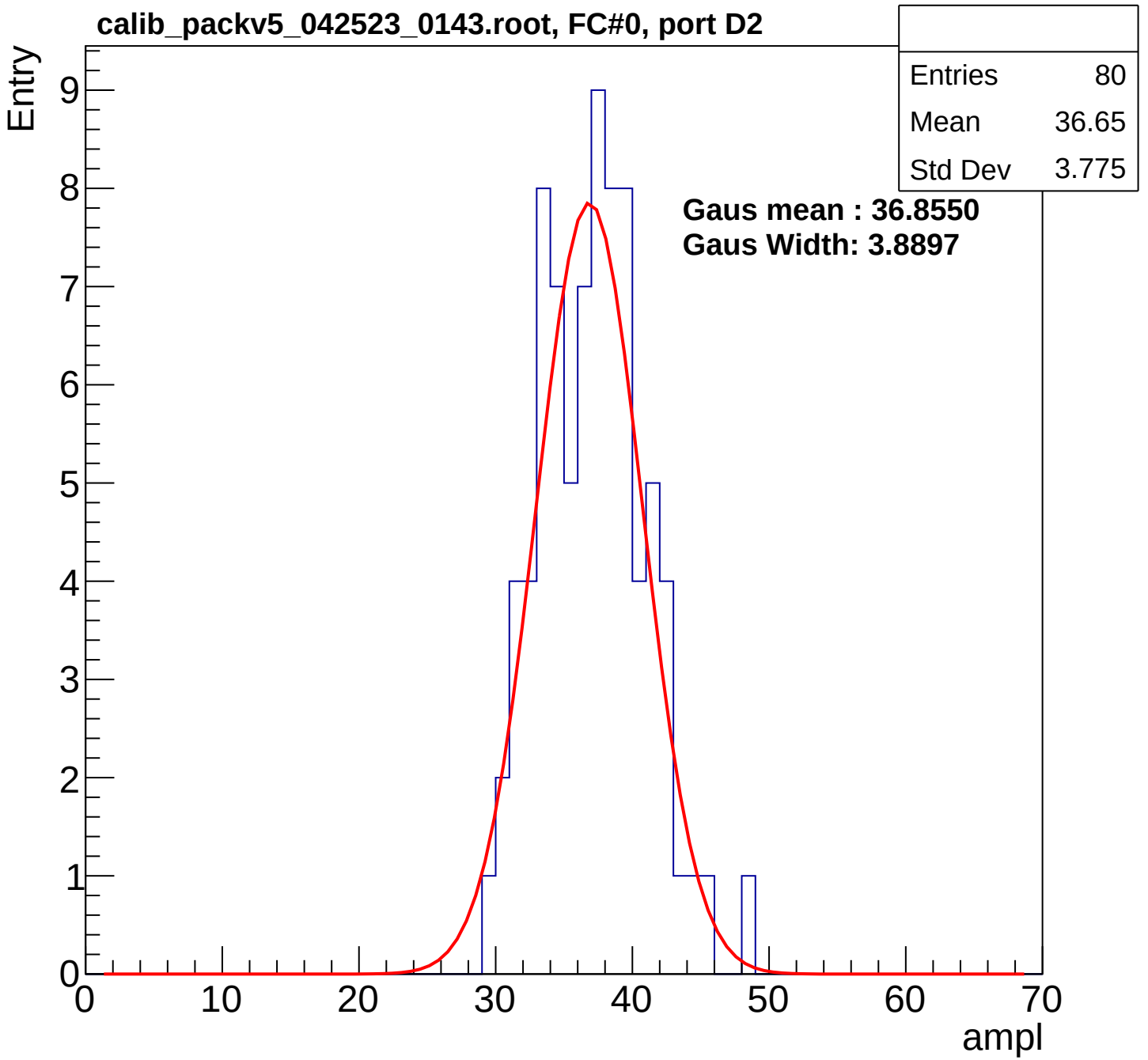
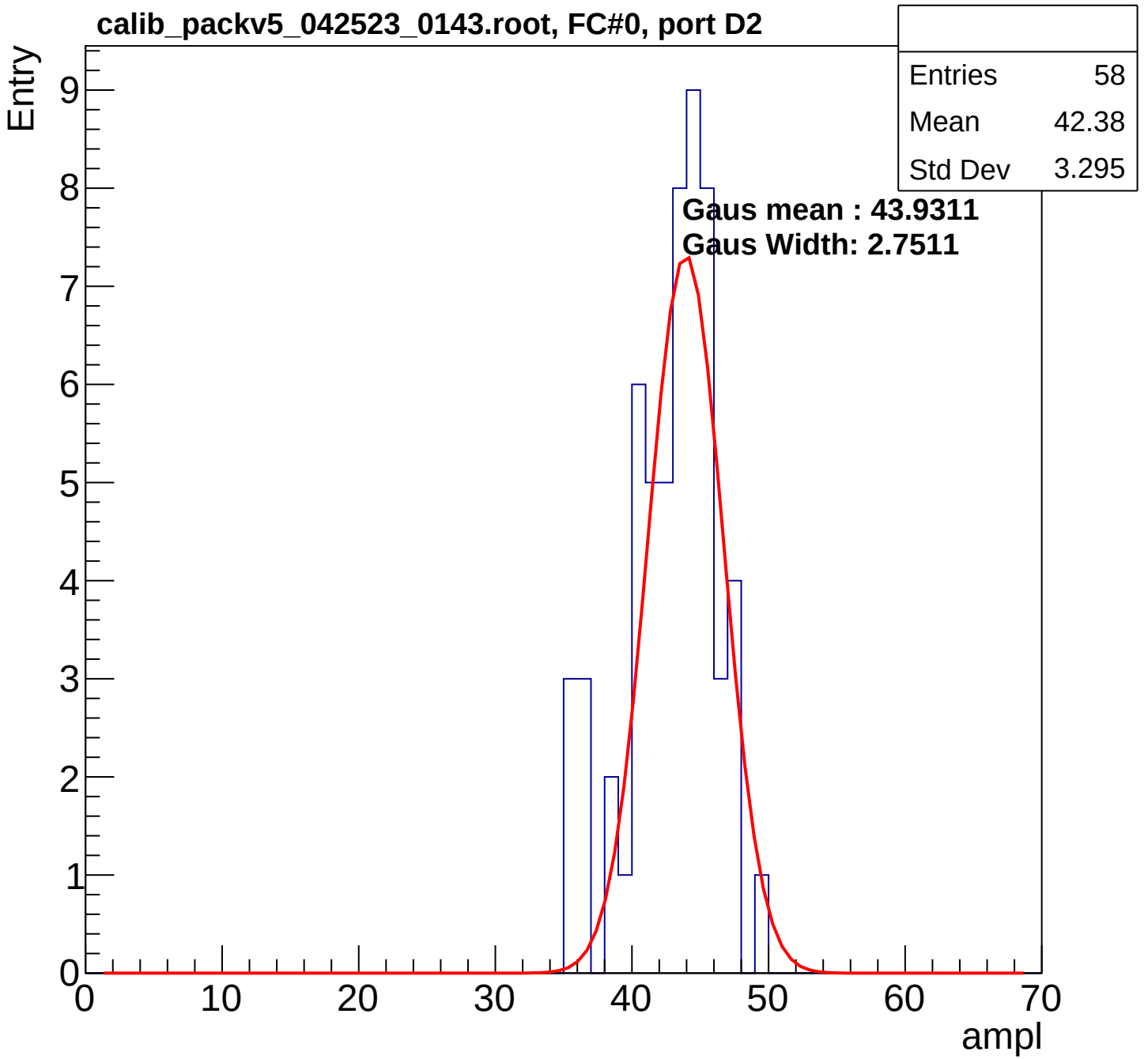

B1L101S, U11-ch74, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 15
Mean 57.6
Std Dev 15.46
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch74, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch75, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 28.17
Std Dev 4.723
Gaus mean : 29.1189
Gaus Width: 3.3005
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch75, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 80
Mean 36.65
Std Dev 3.775
Gaus mean : 36.8550
Gaus Width: 3.8897
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch75, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 42.38
Std Dev 3.295
Gaus mean : 43.9311
Gaus Width: 2.7511
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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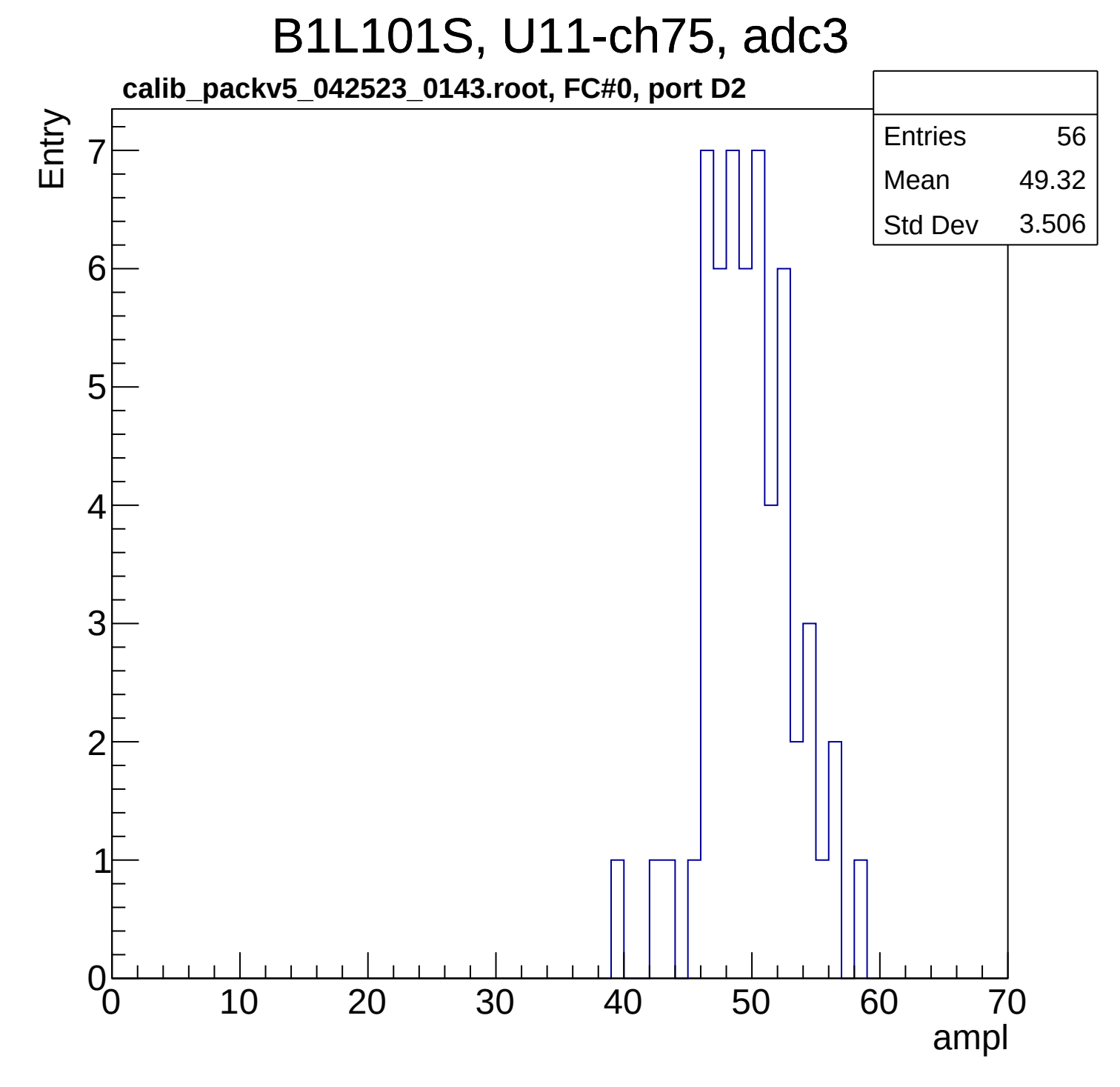
B1L101S, U11-ch75, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 49.32
Std Dev 3.506
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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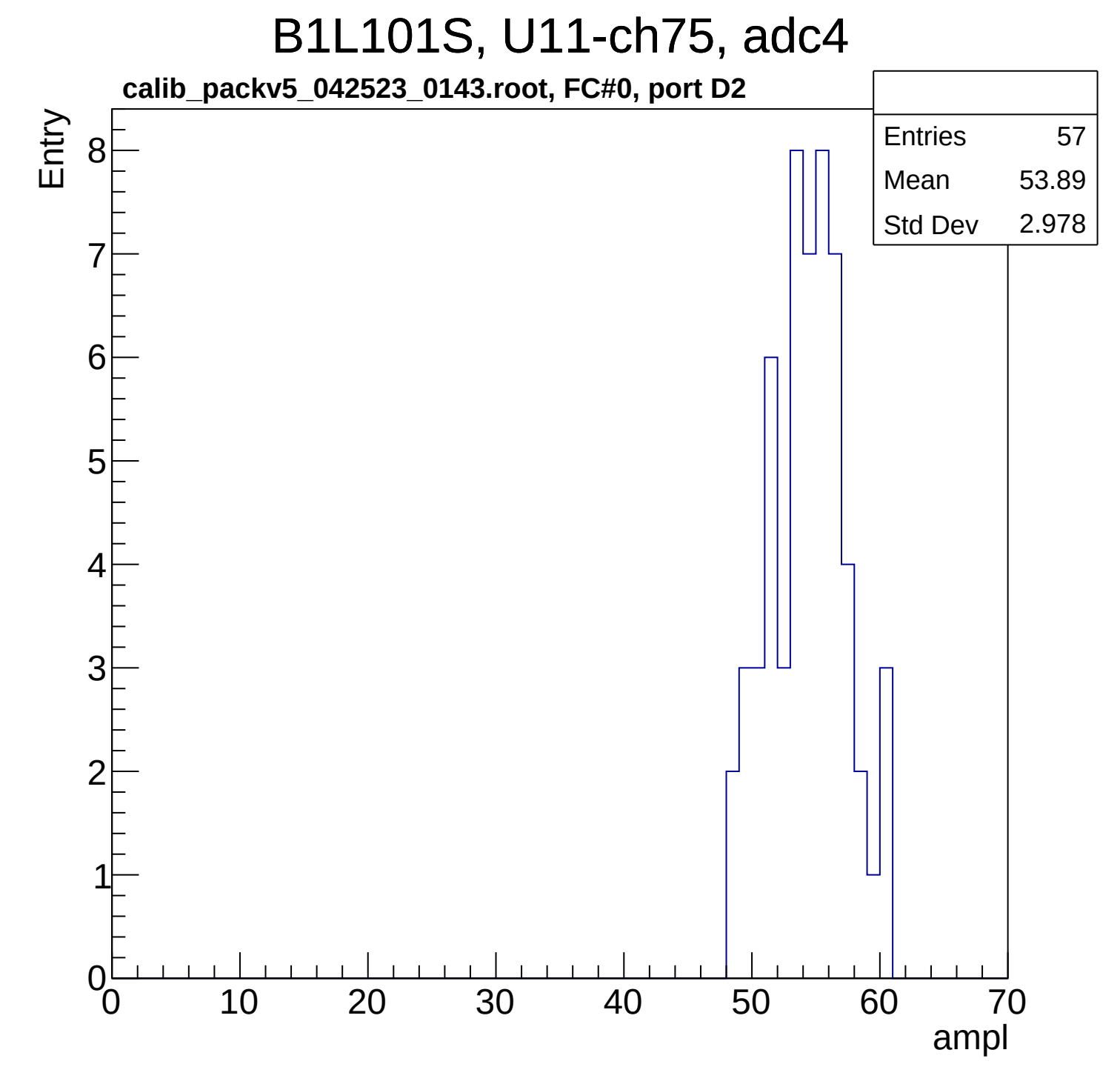
B1L101S, U11-ch75, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 53.89
Std Dev 2.978
Entry
ampl
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1
2
3
4
5
6
7
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0
10
20
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40
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60
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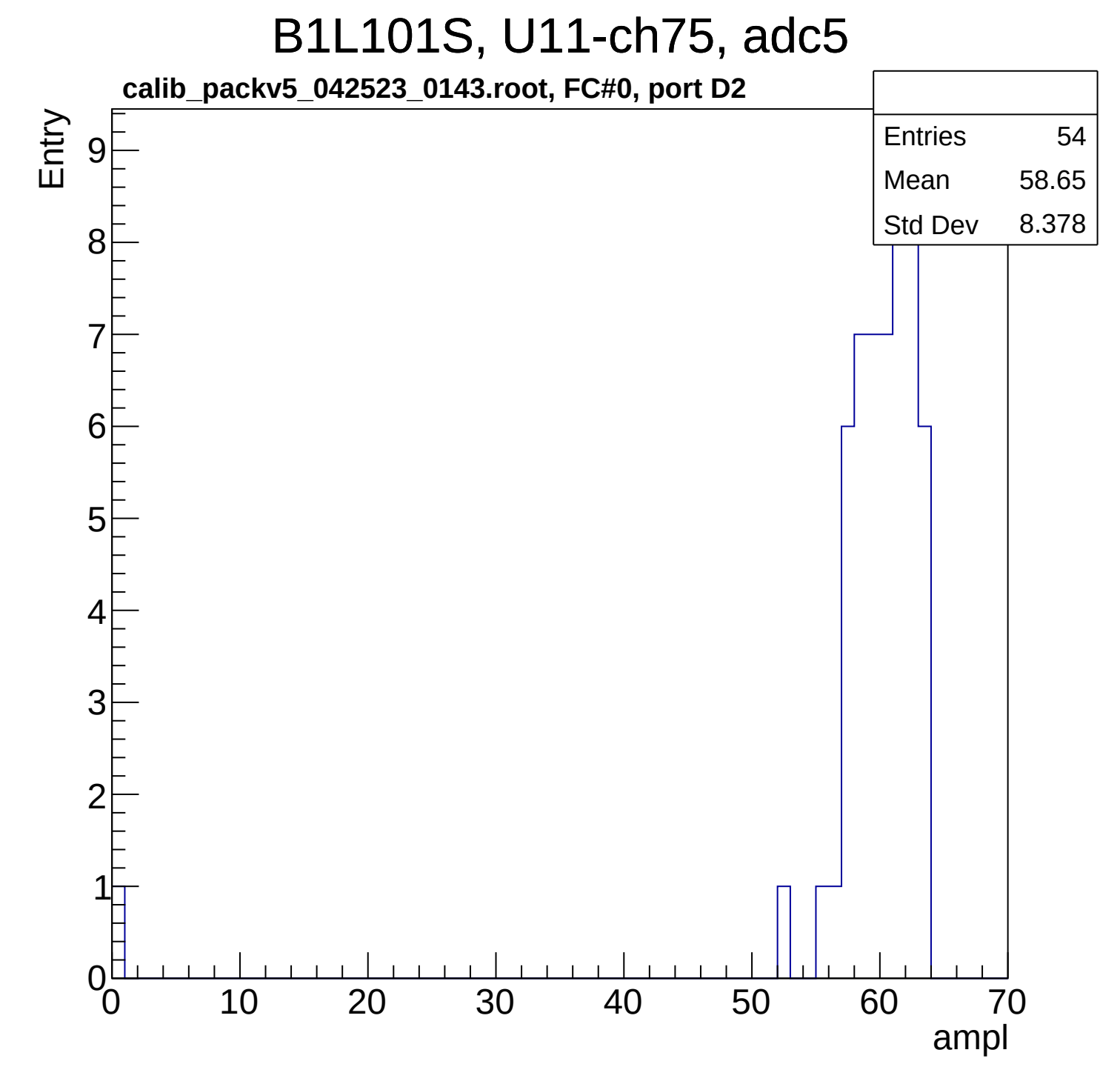
B1L101S, U11-ch75, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 54
Mean 58.65
Std Dev 8.378
Entry
ampl
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2
3
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5
6
7
8
9
0
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20
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40
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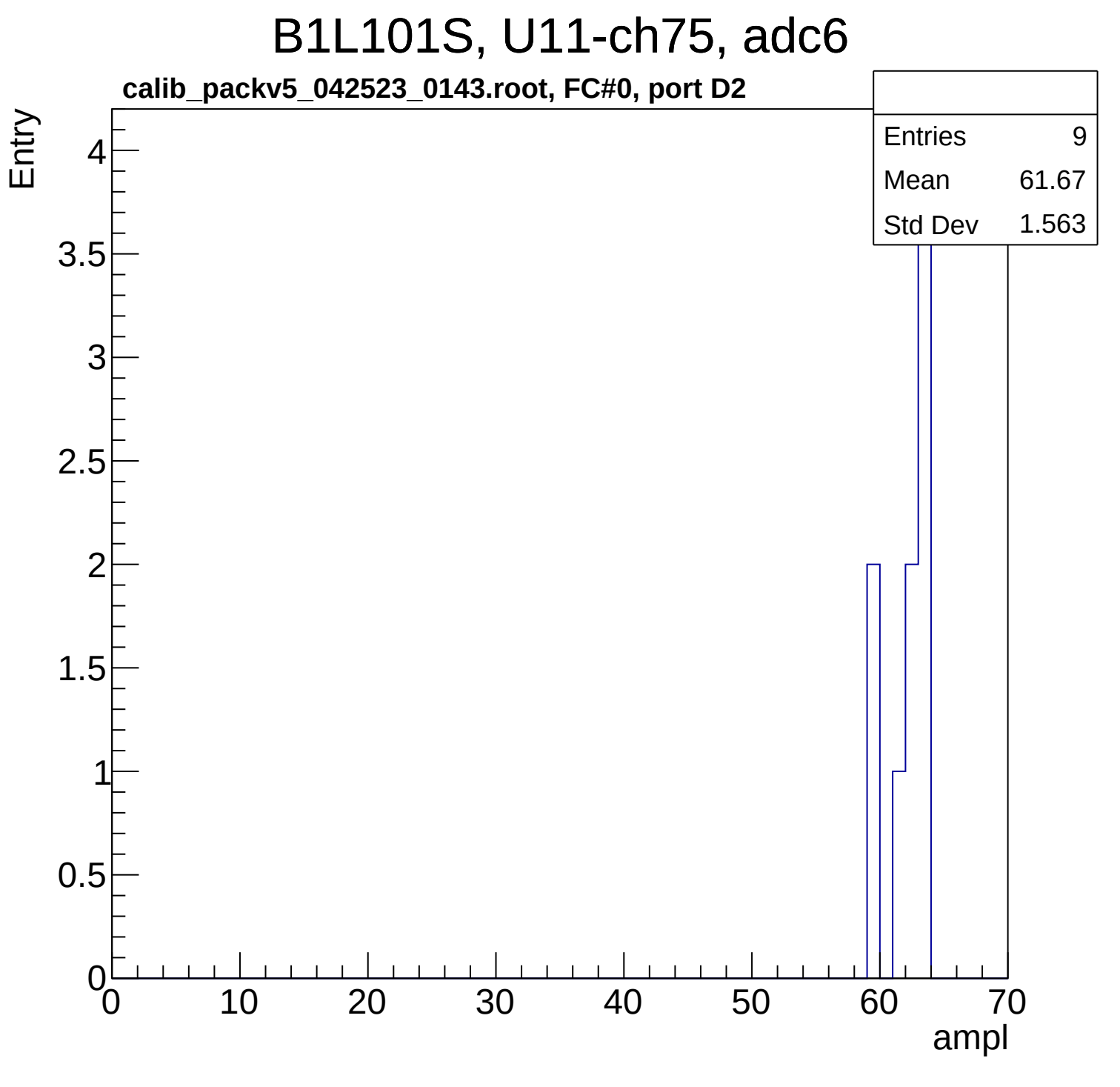
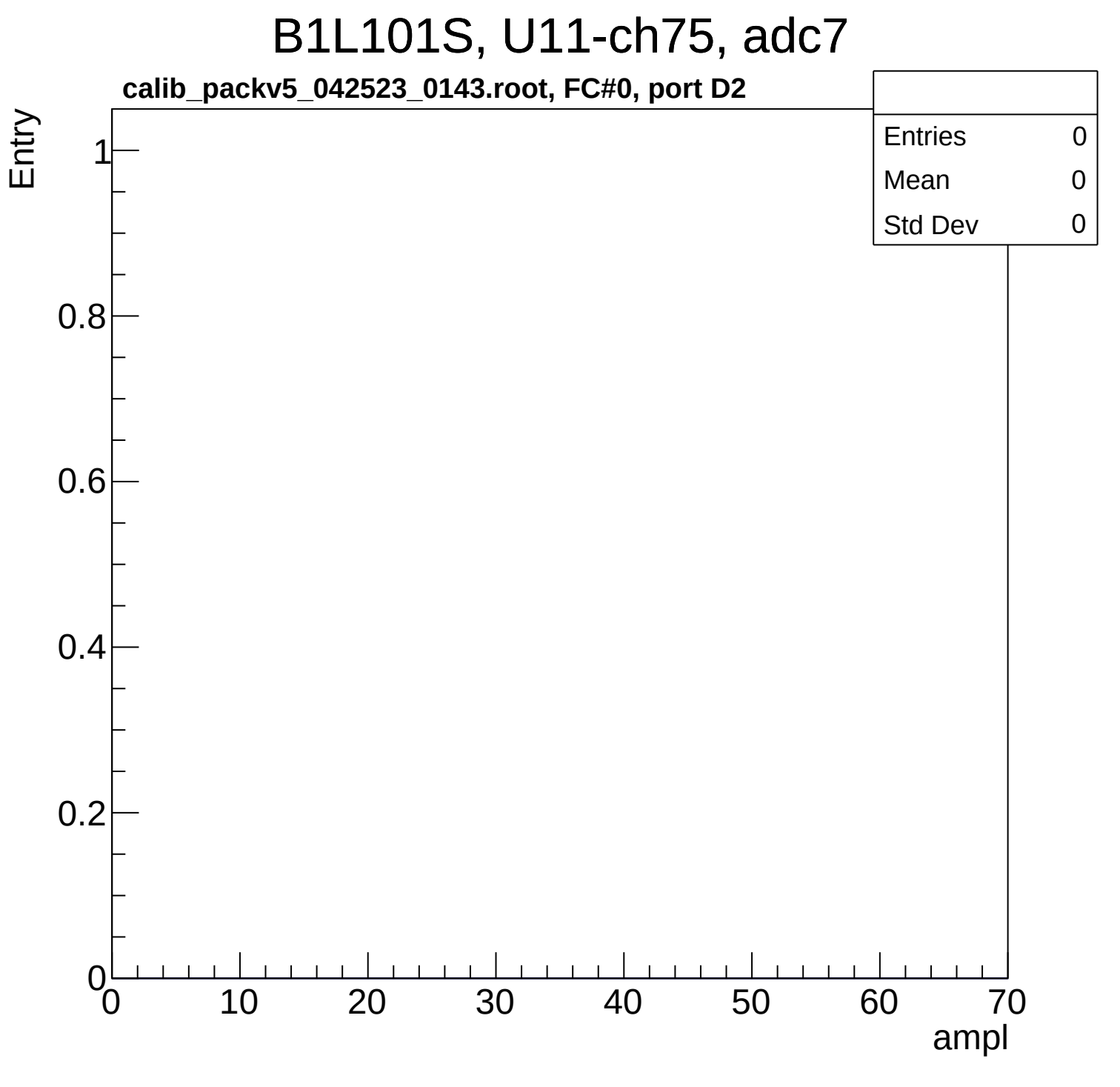
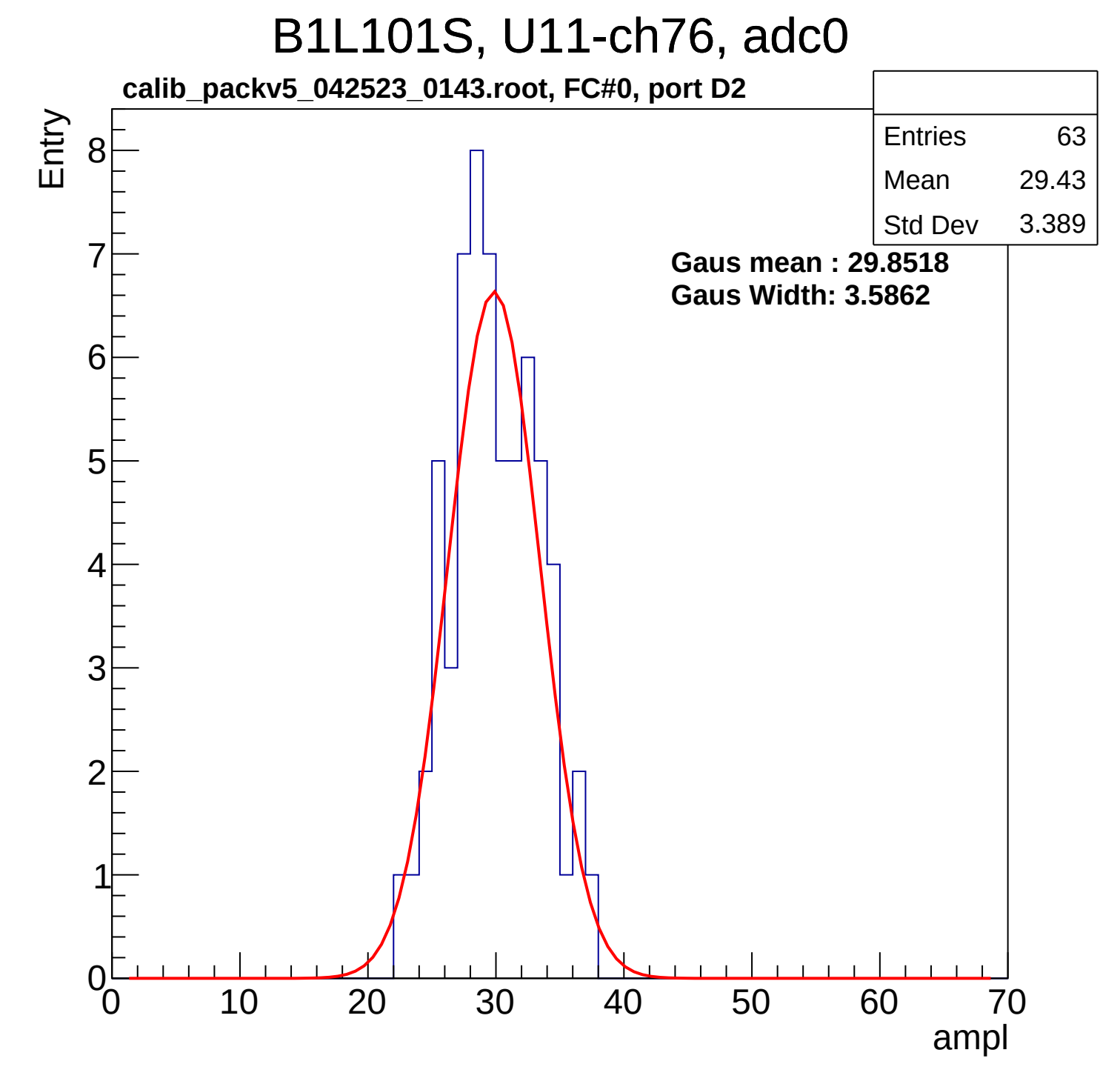
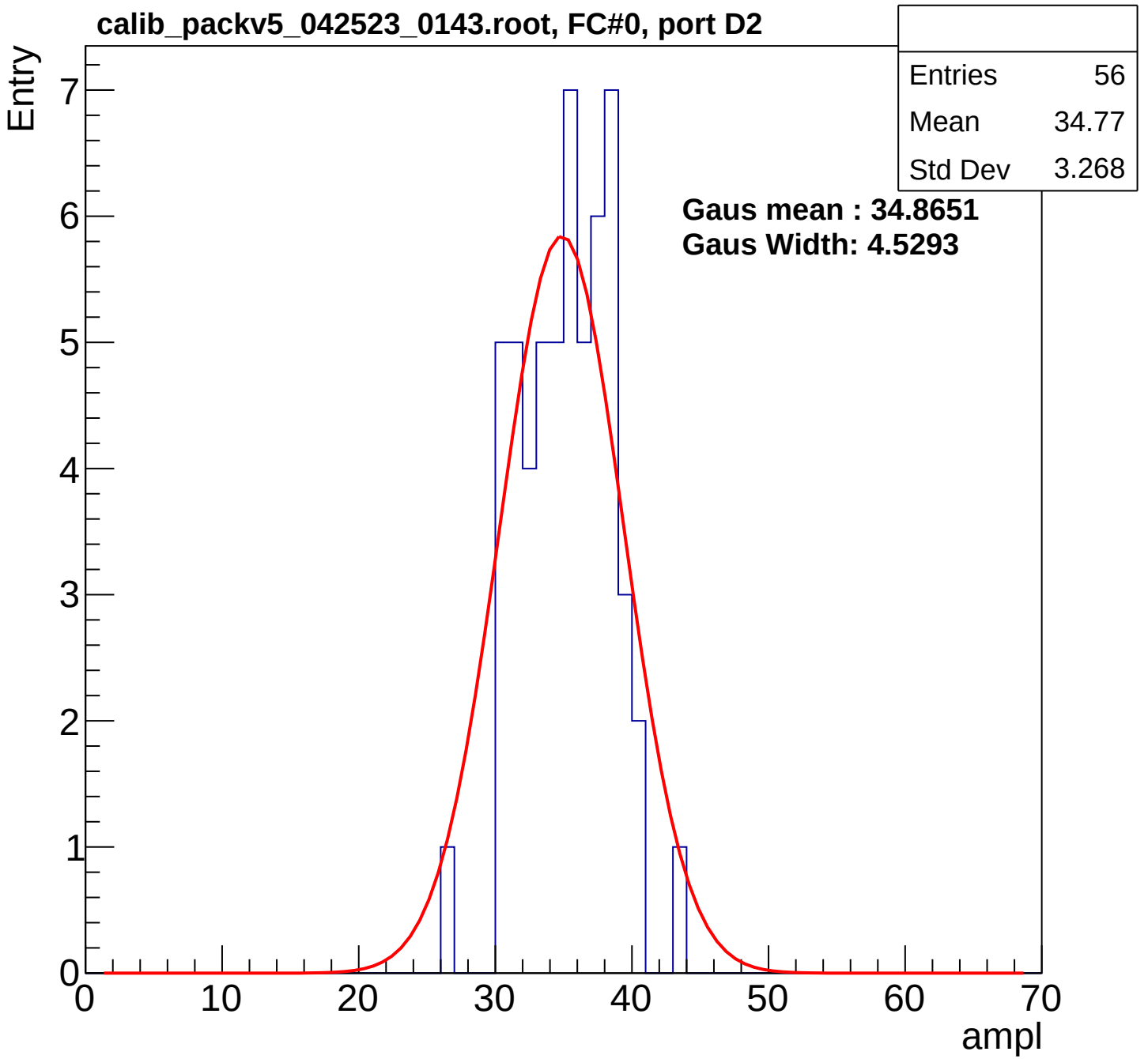
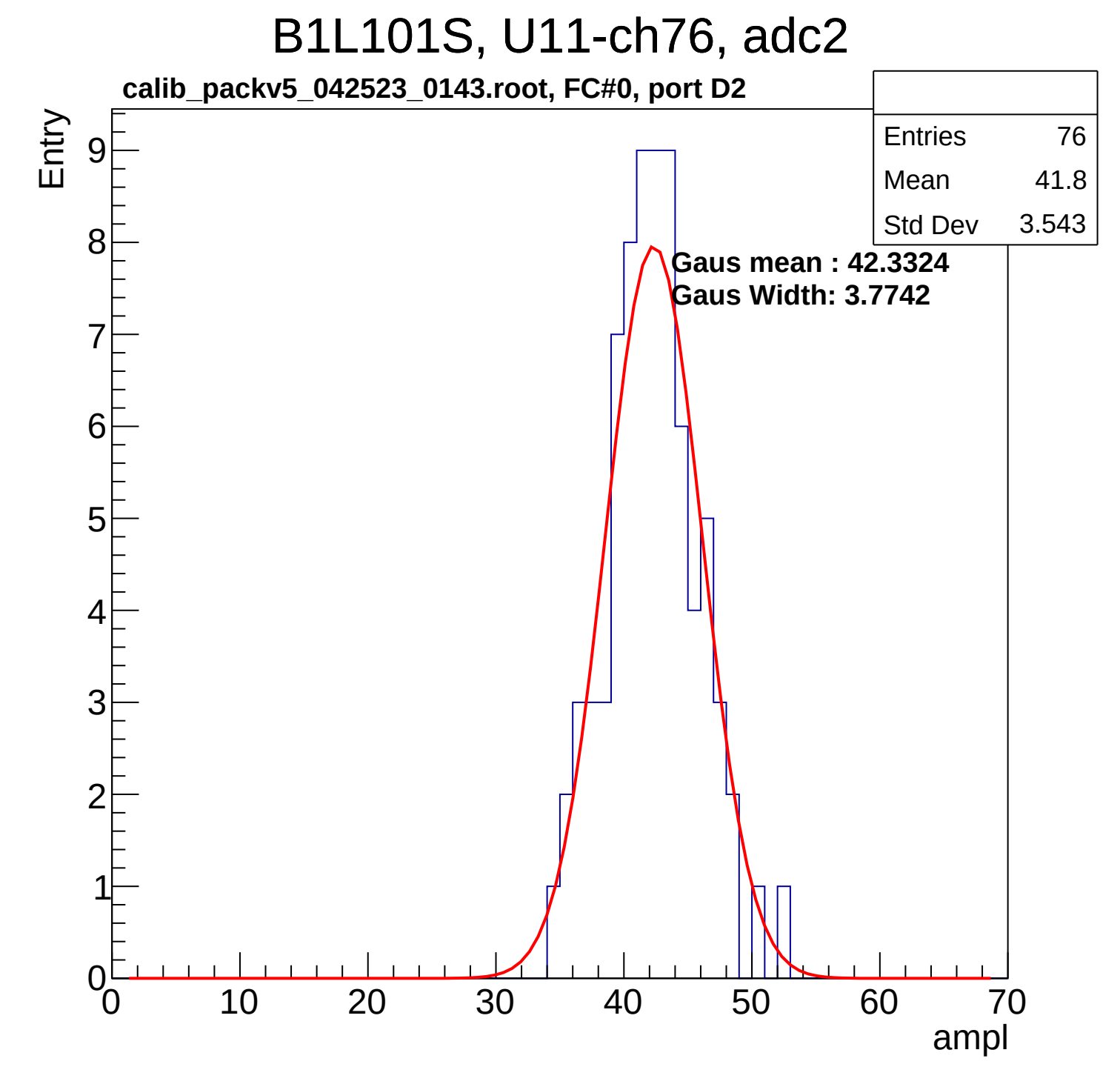
60
70


B1L101S, U11-ch75, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 9
Mean 61.67
Std Dev 1.563
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L101S, U11-ch75, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch76, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 29.43
Std Dev 3.389
Gaus mean : 29.8518
Gaus Width: 3.5862
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch76, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 34.77
Std Dev 3.268
Gaus mean : 34.8651
Gaus Width: 4.5293
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch76, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 41.8
Std Dev 3.543
Gaus mean : 42.3324
Gaus Width: 3.7742
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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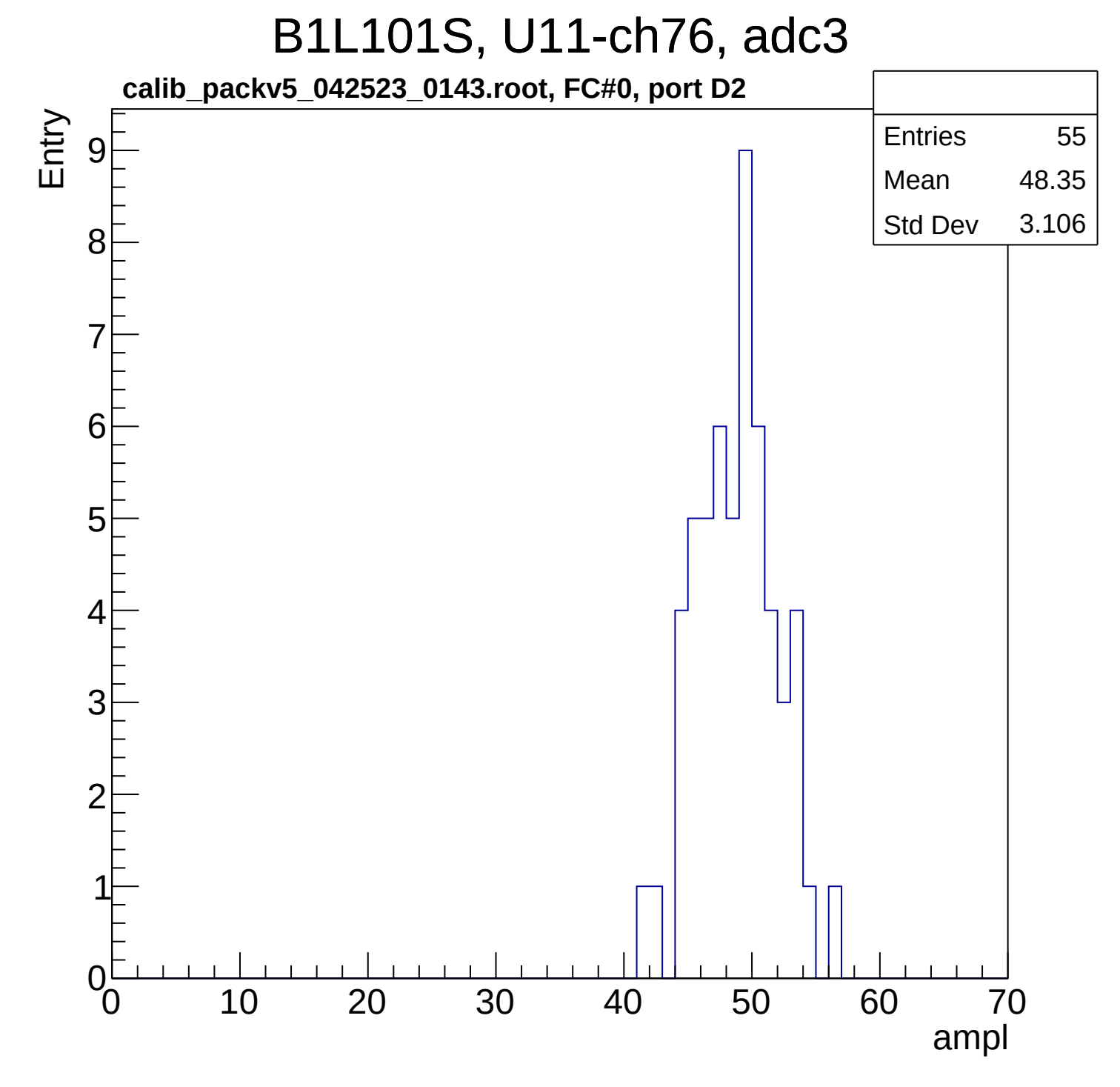
B1L101S, U11-ch76, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 48.35
Std Dev 3.106
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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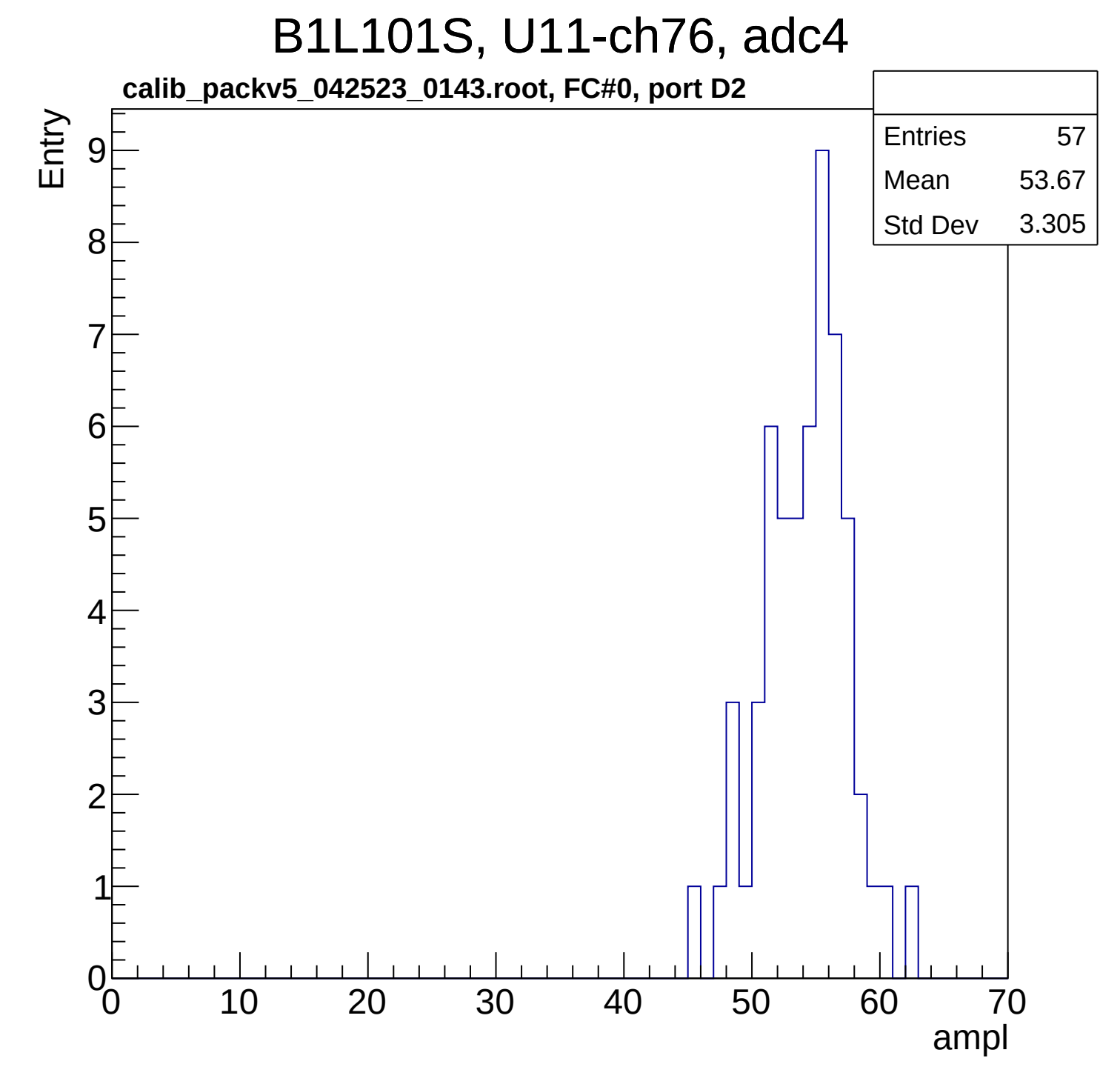
B1L101S, U11-ch76, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 53.67
Std Dev 3.305
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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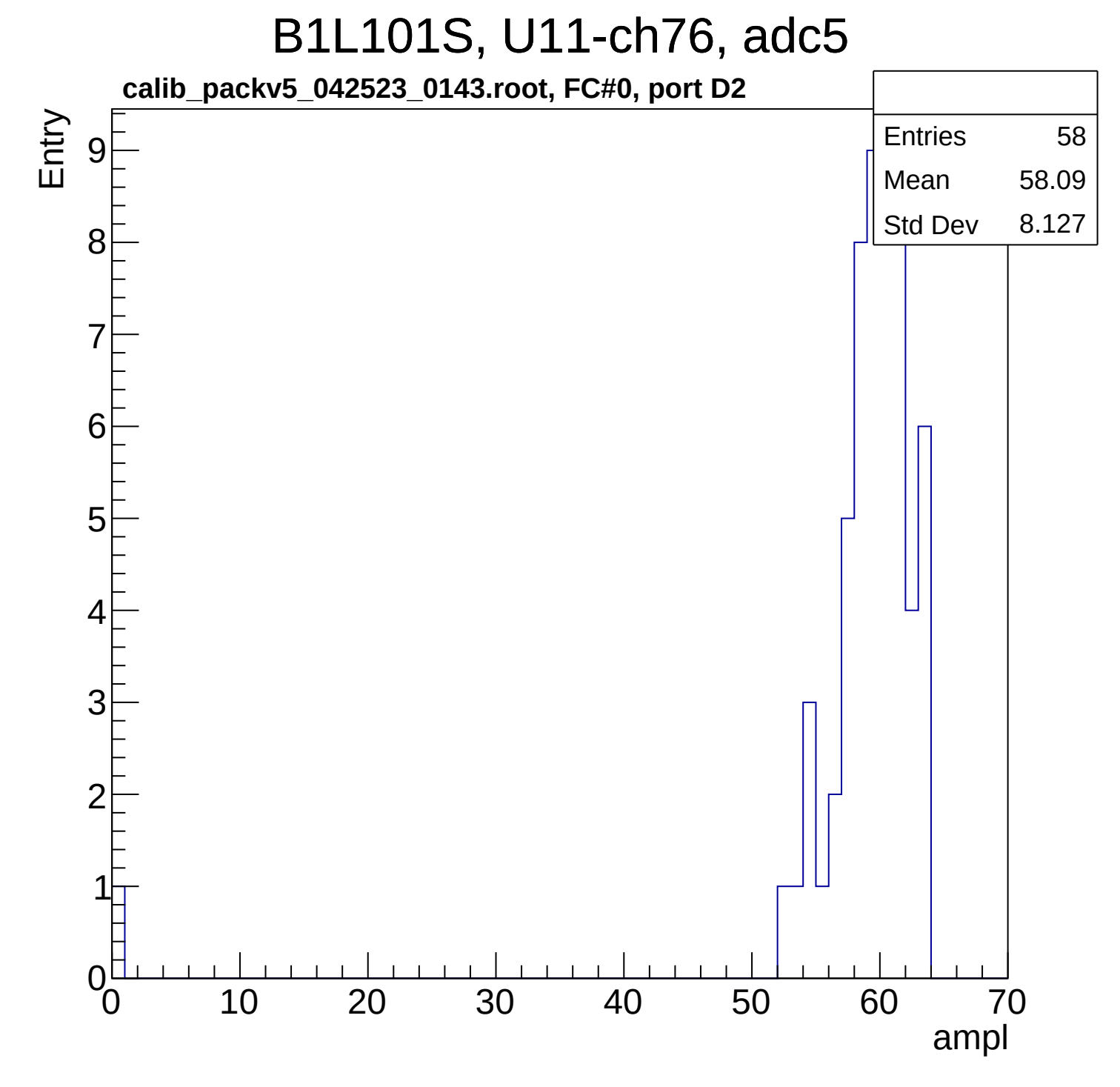
B1L101S, U11-ch76, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 58.09
Std Dev 8.127
Entry
ampl
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2
3
4
5
6
7
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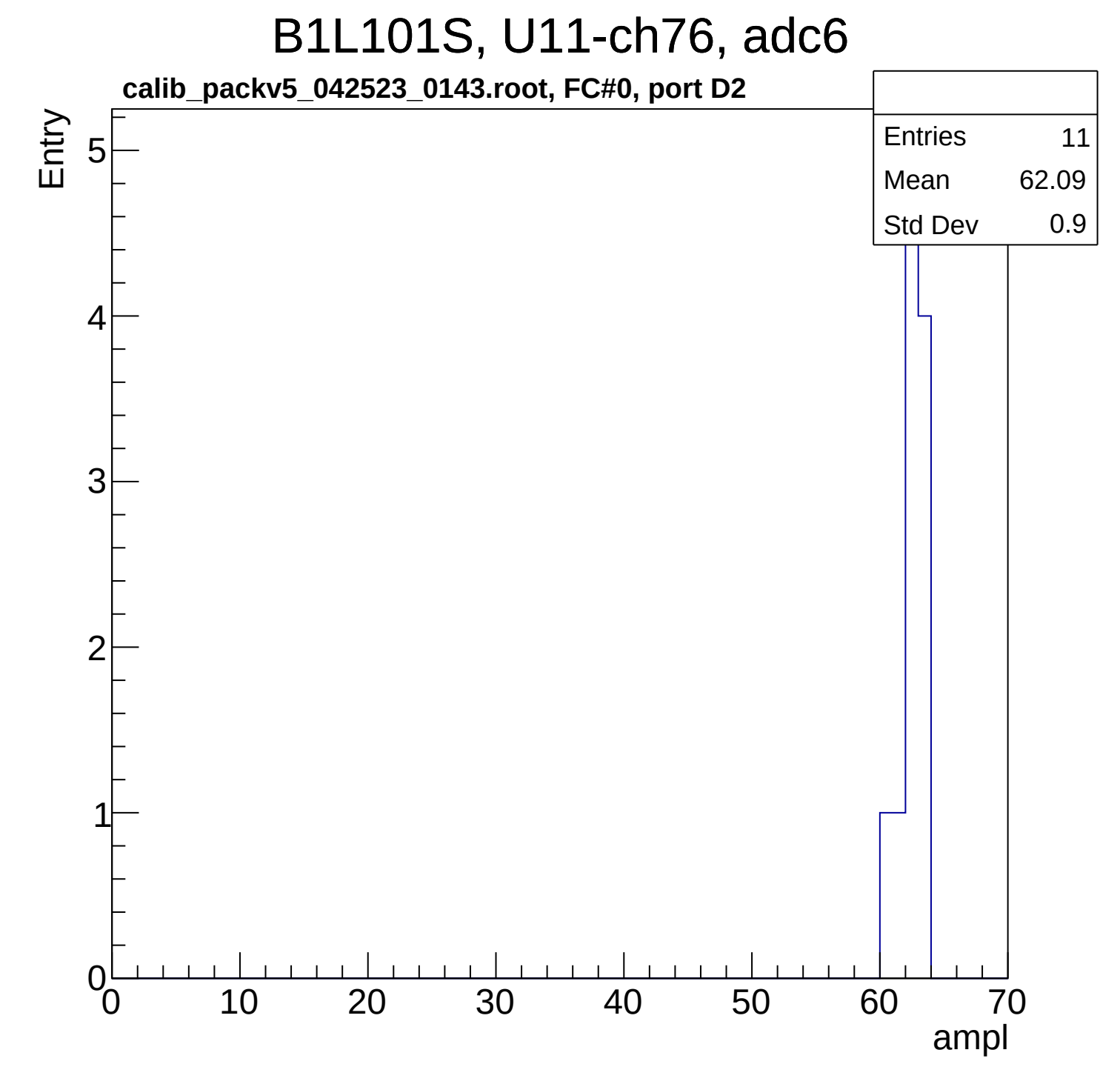
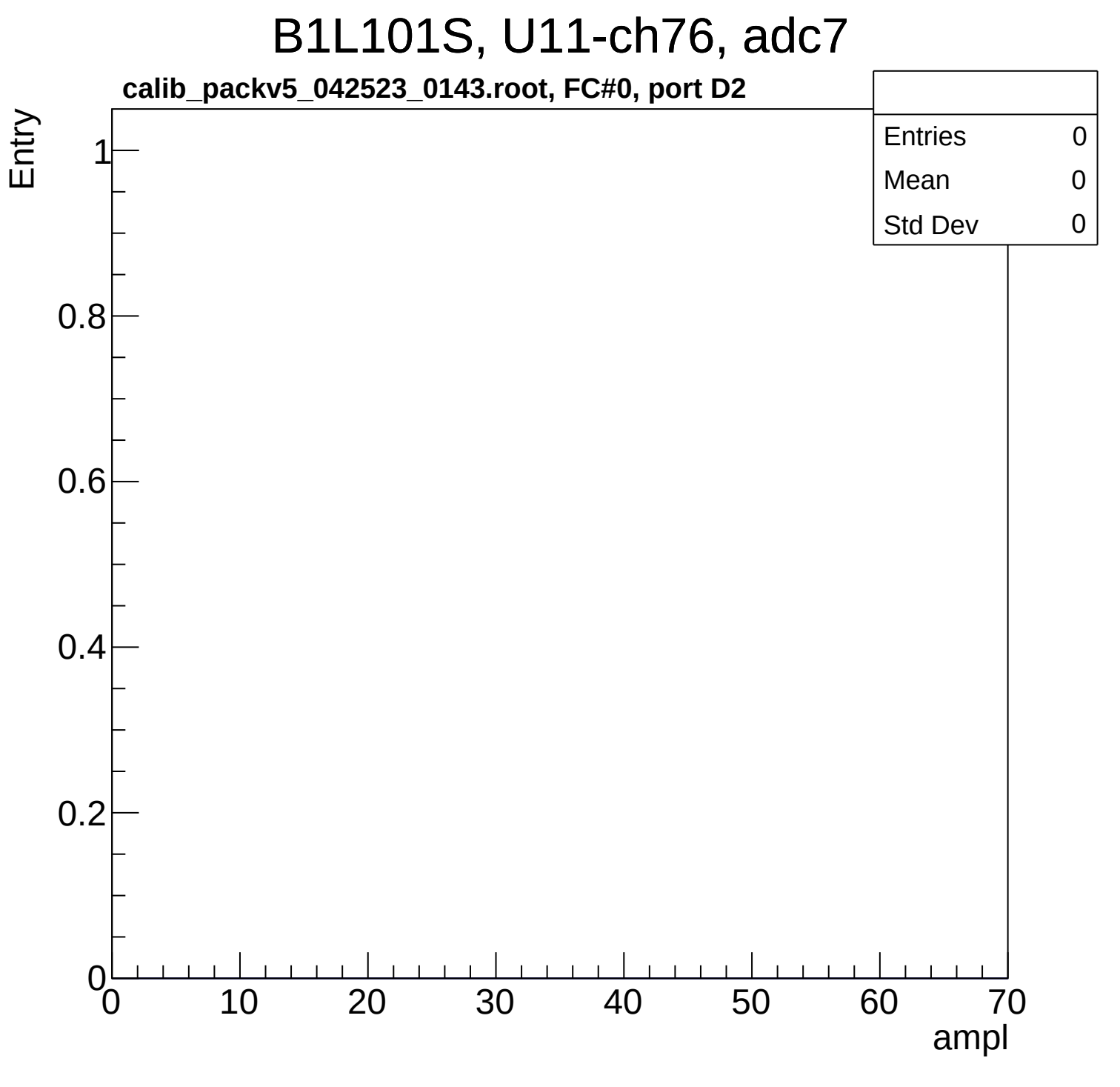

B1L101S, U11-ch76, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 11
Mean 62.09
Std Dev 0.9
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L101S, U11-ch76, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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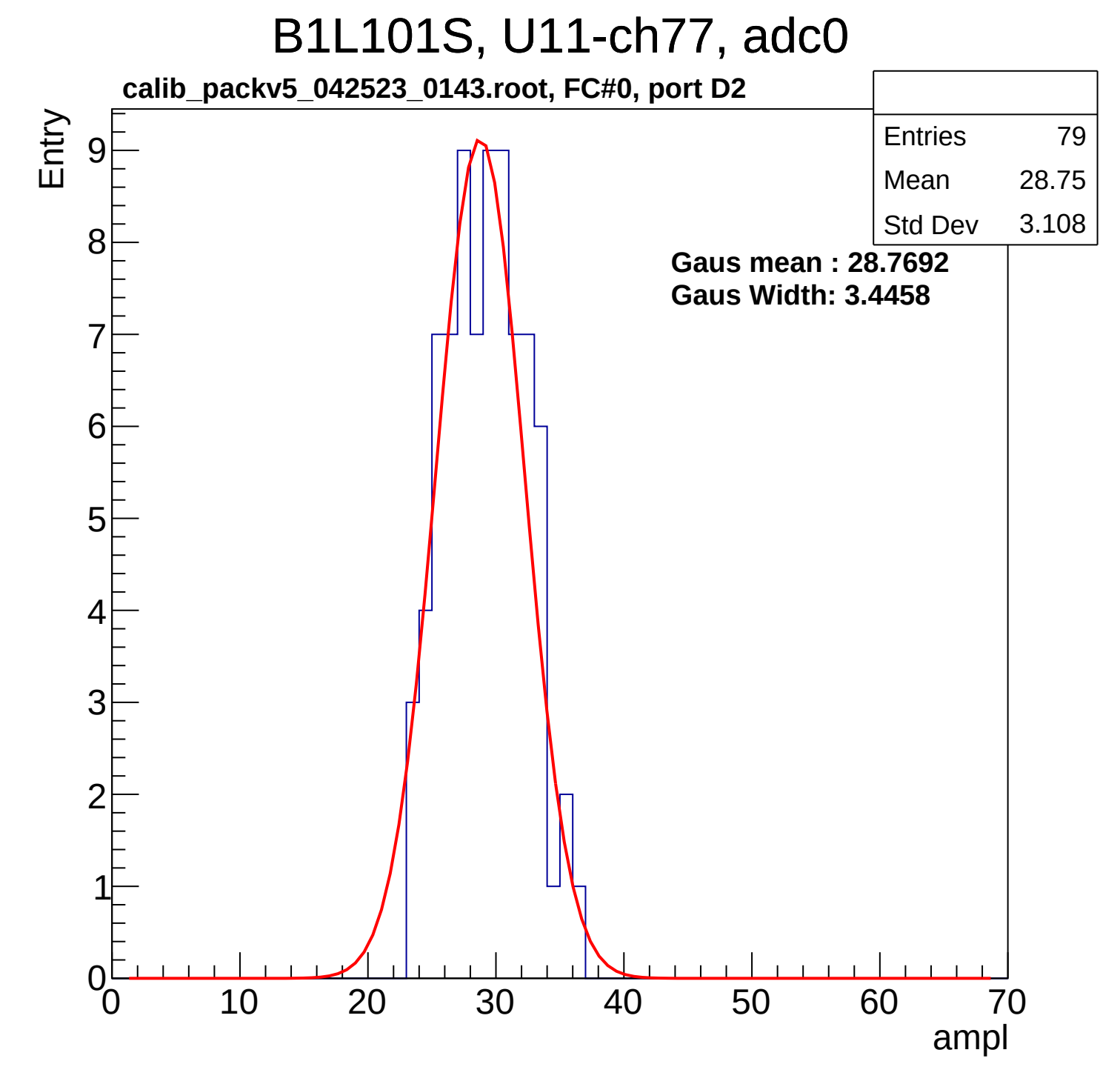
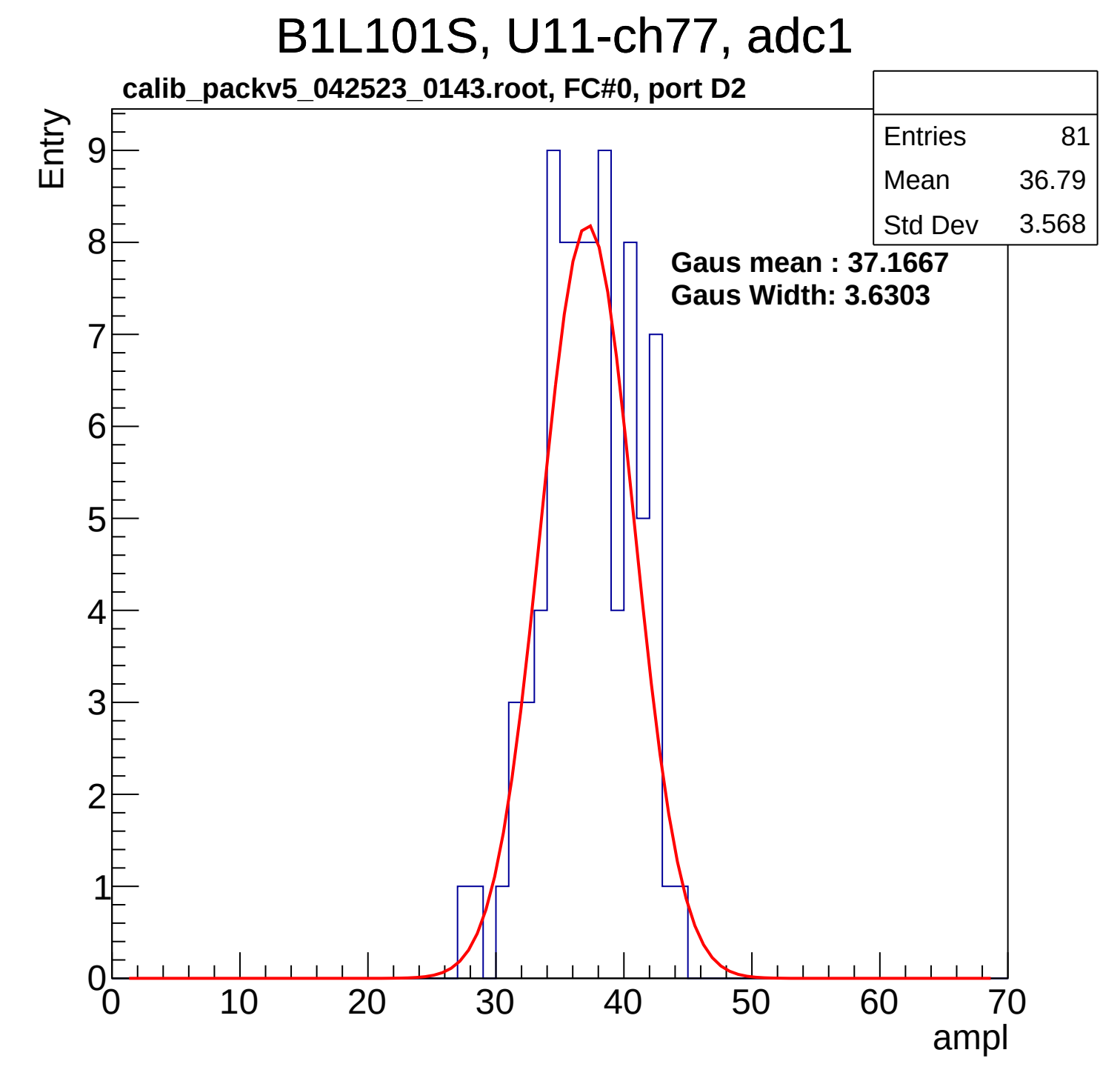
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch77, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 79
Mean 28.75
Std Dev 3.108
Gaus mean : 28.7692
Gaus Width: 3.4458
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch77, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 81
Mean 36.79
Std Dev 3.568
Gaus mean : 37.1667
Gaus Width: 3.6303
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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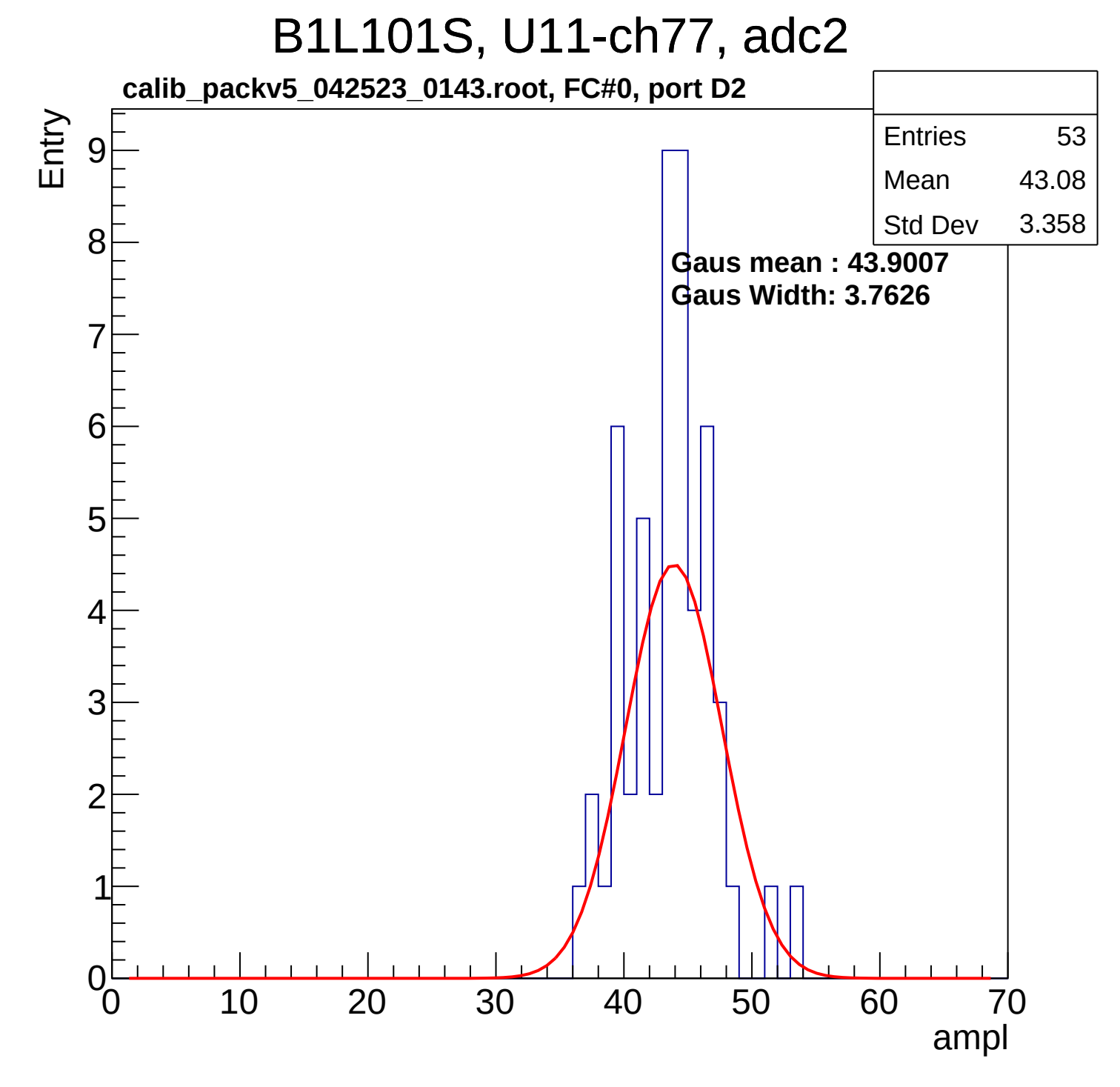
B1L101S, U11-ch77, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 43.08
Std Dev 3.358
Gaus mean : 43.9007
Gaus Width: 3.7626
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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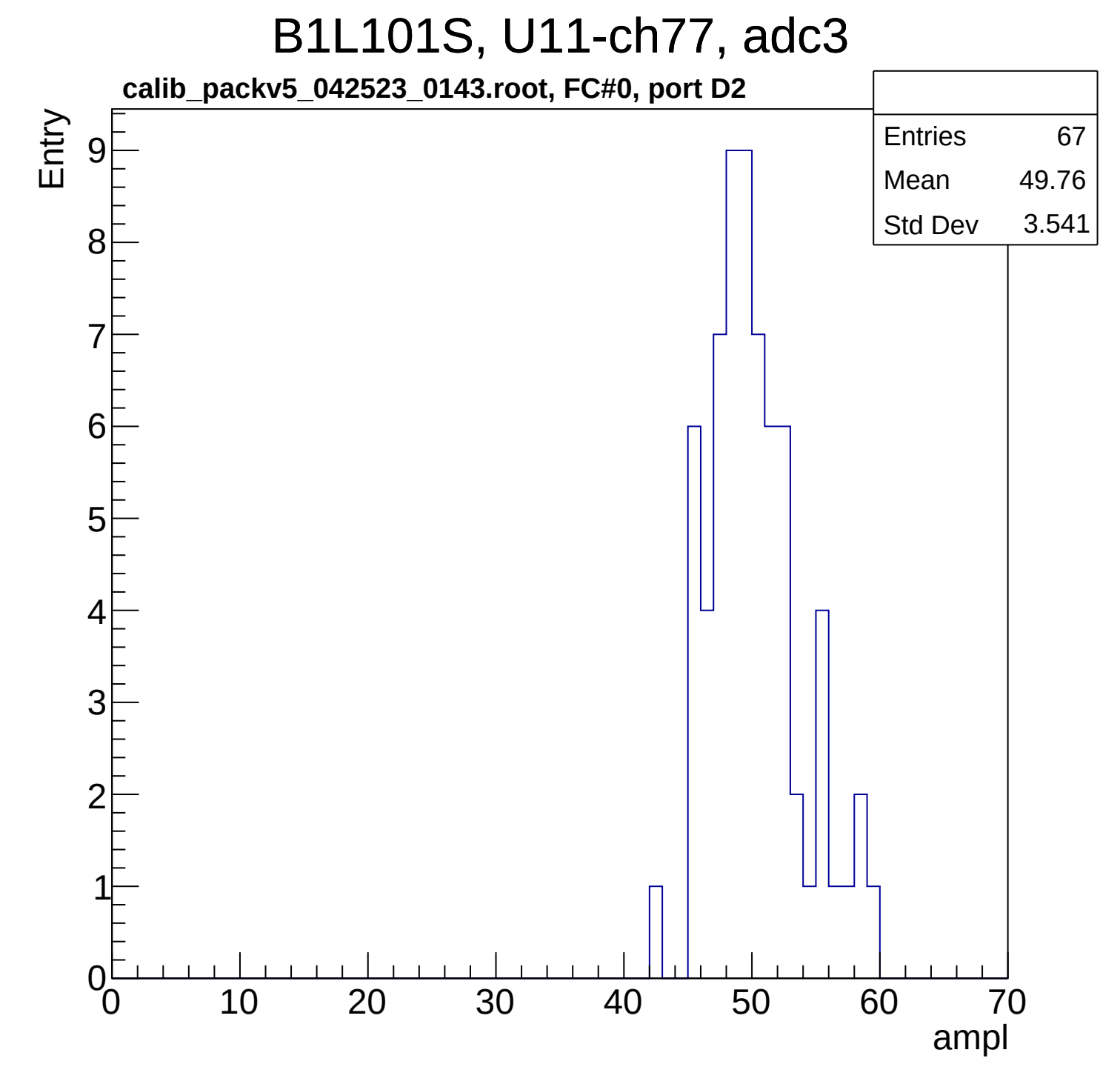
B1L101S, U11-ch77, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 49.76
Std Dev 3.541
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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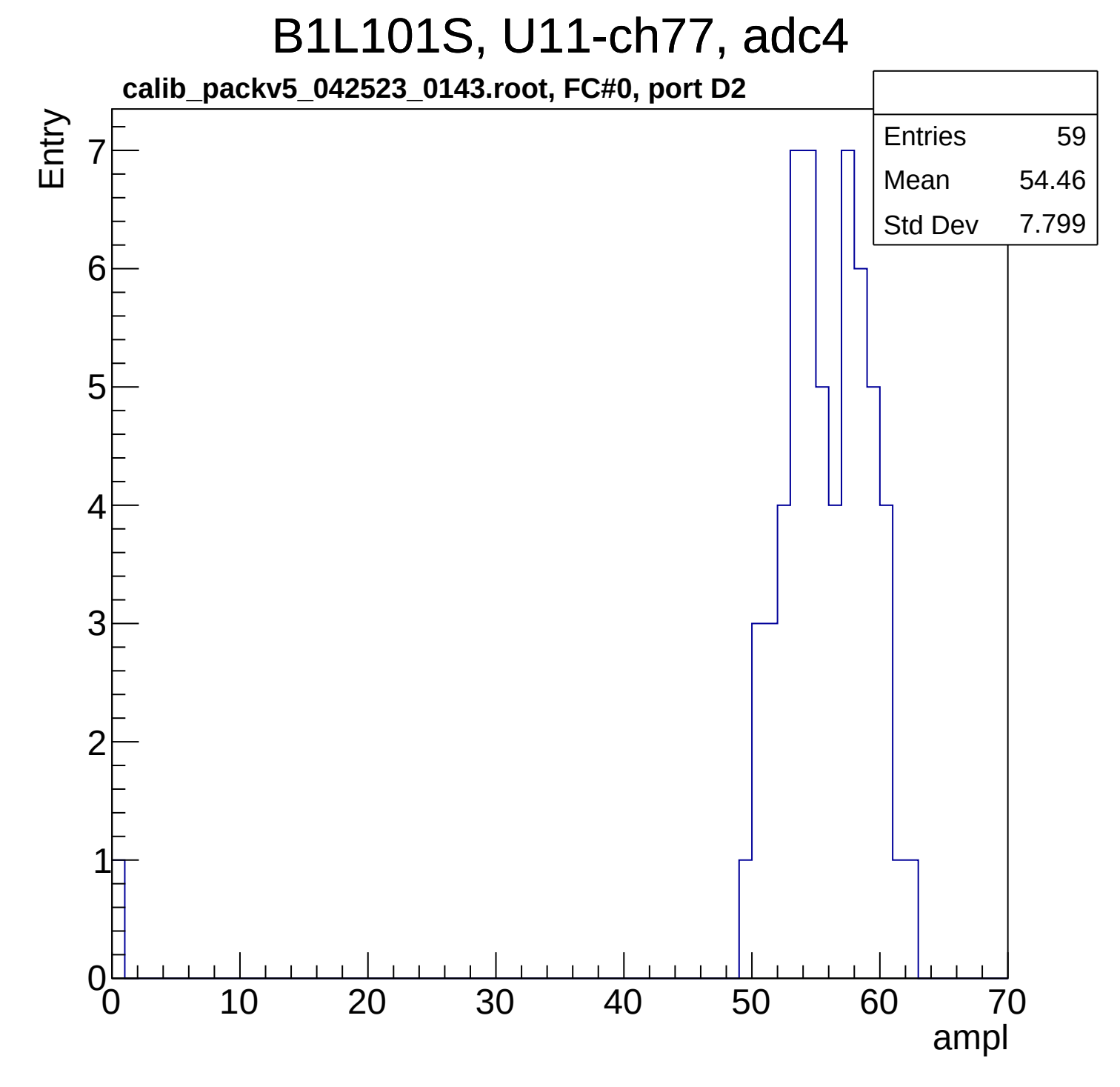
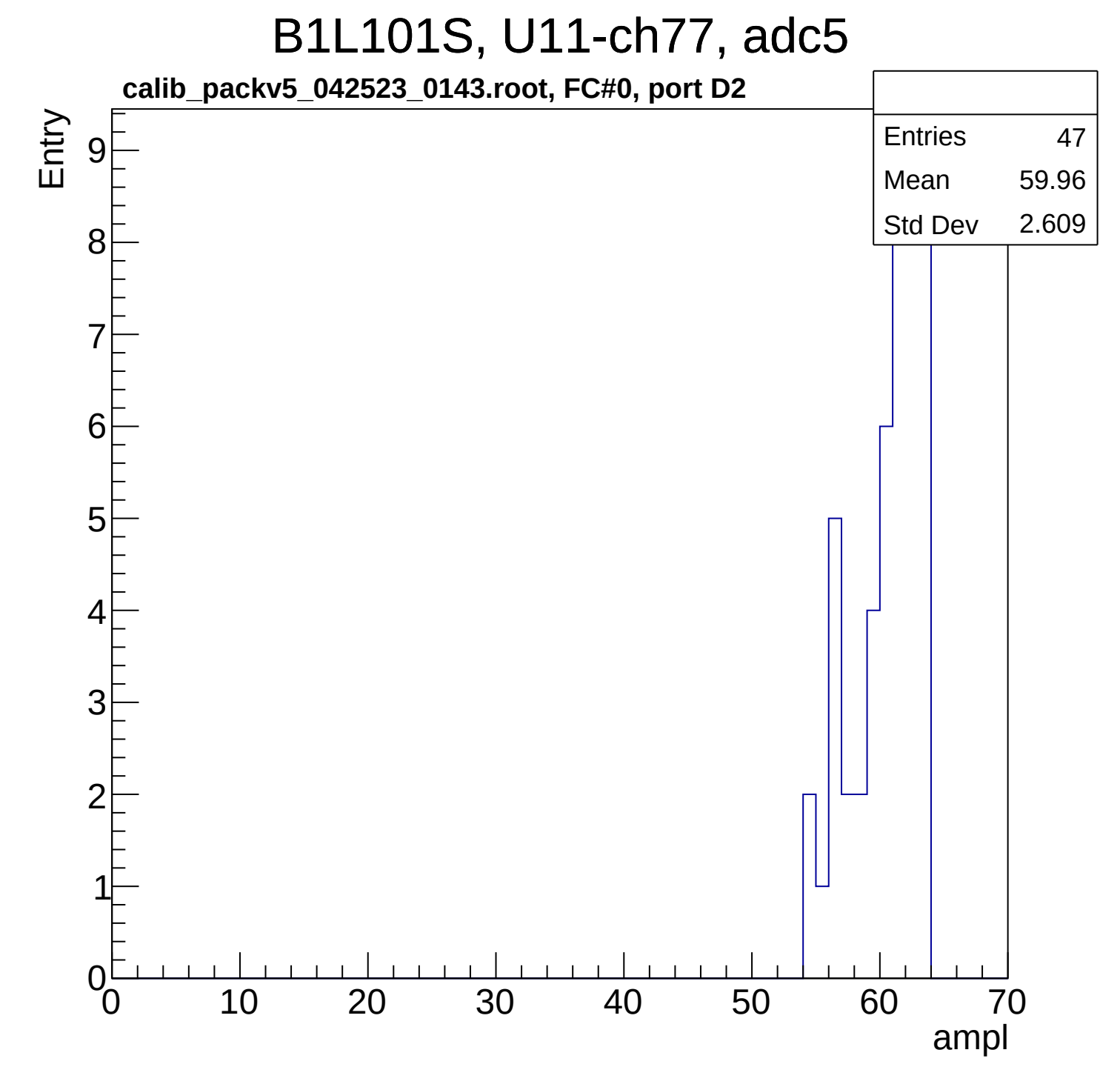

B1L101S, U11-ch77, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 54.46
Std Dev 7.799
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch77, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 47
Mean 59.96
Std Dev 2.609
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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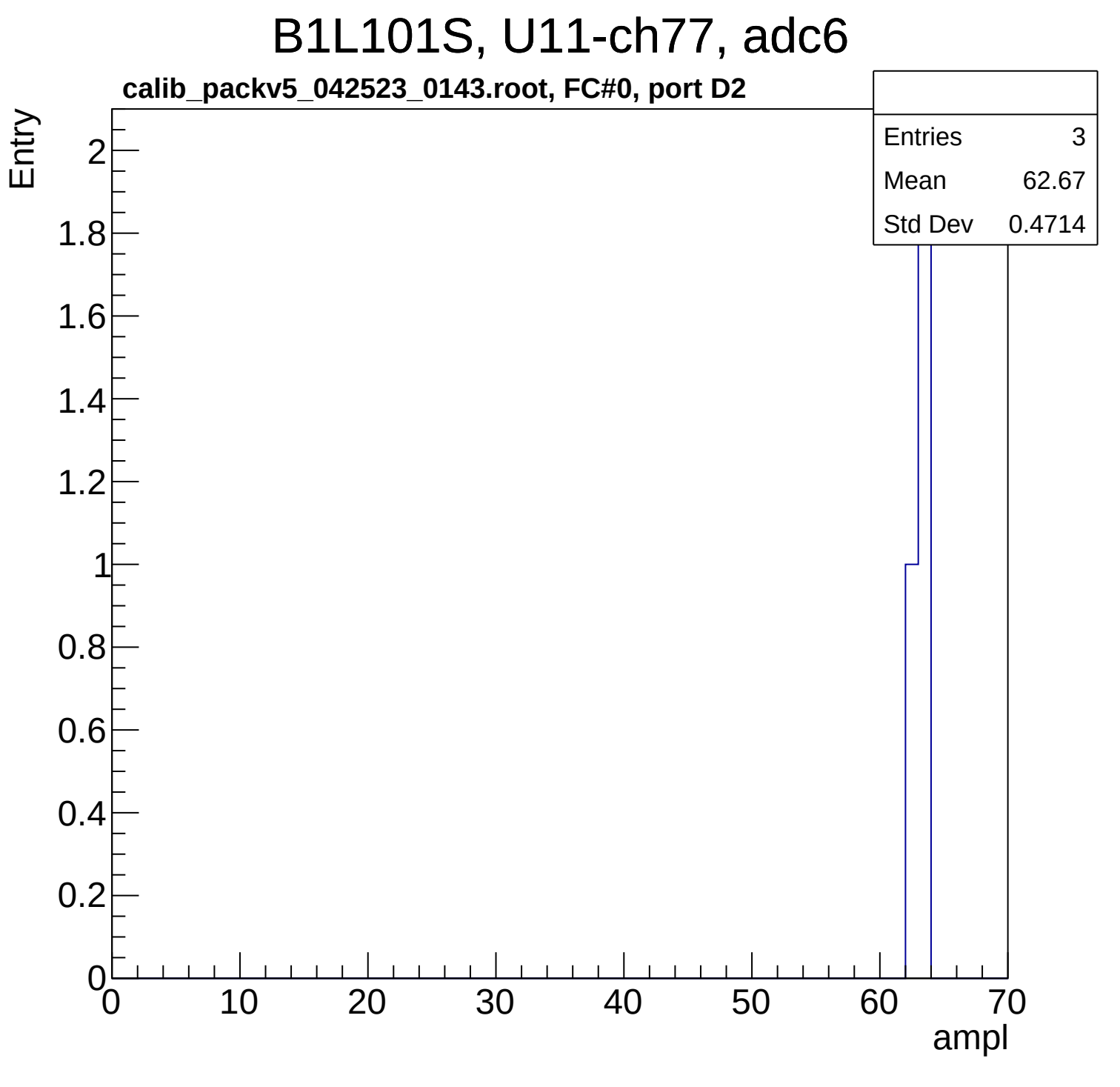
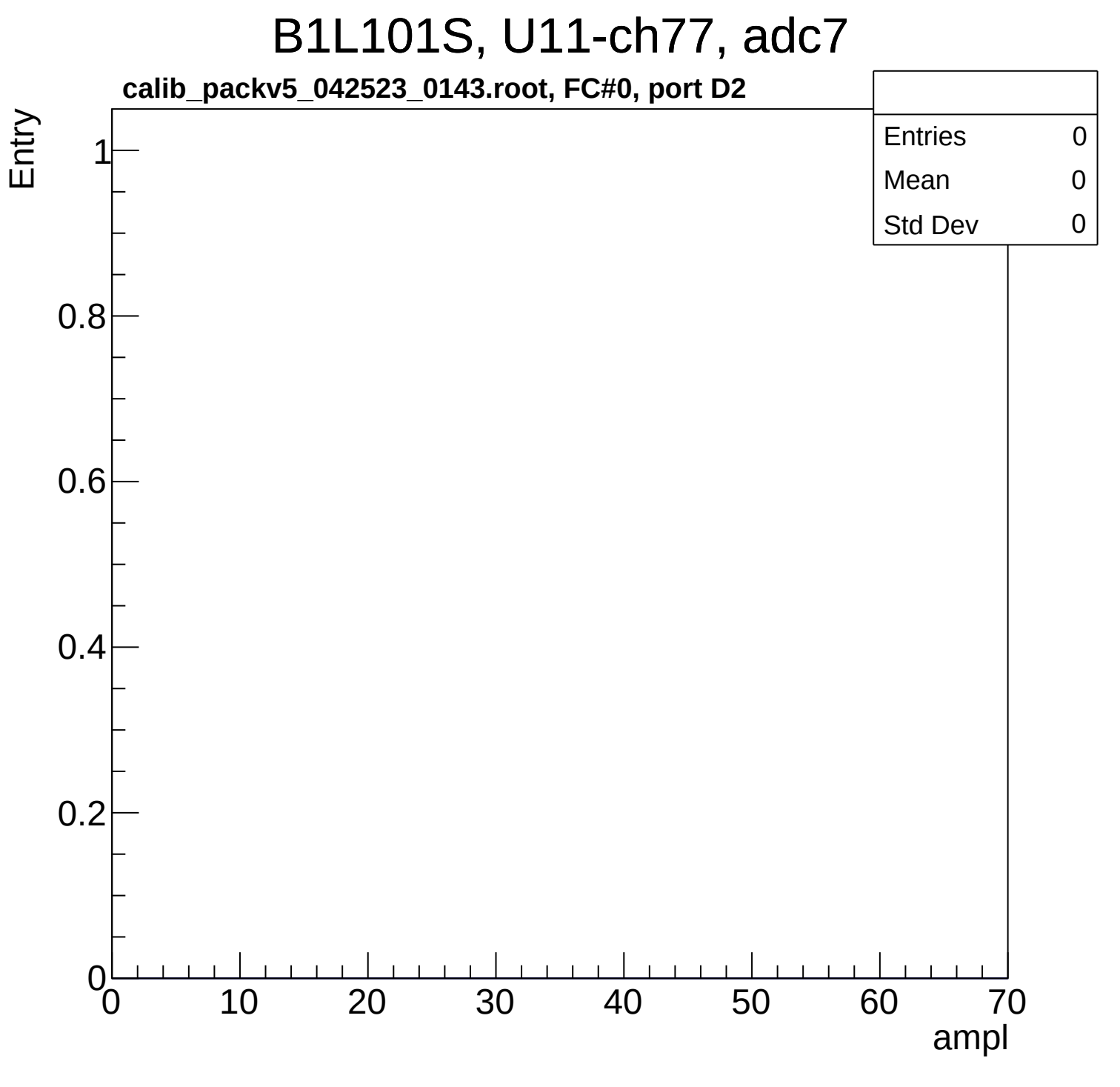
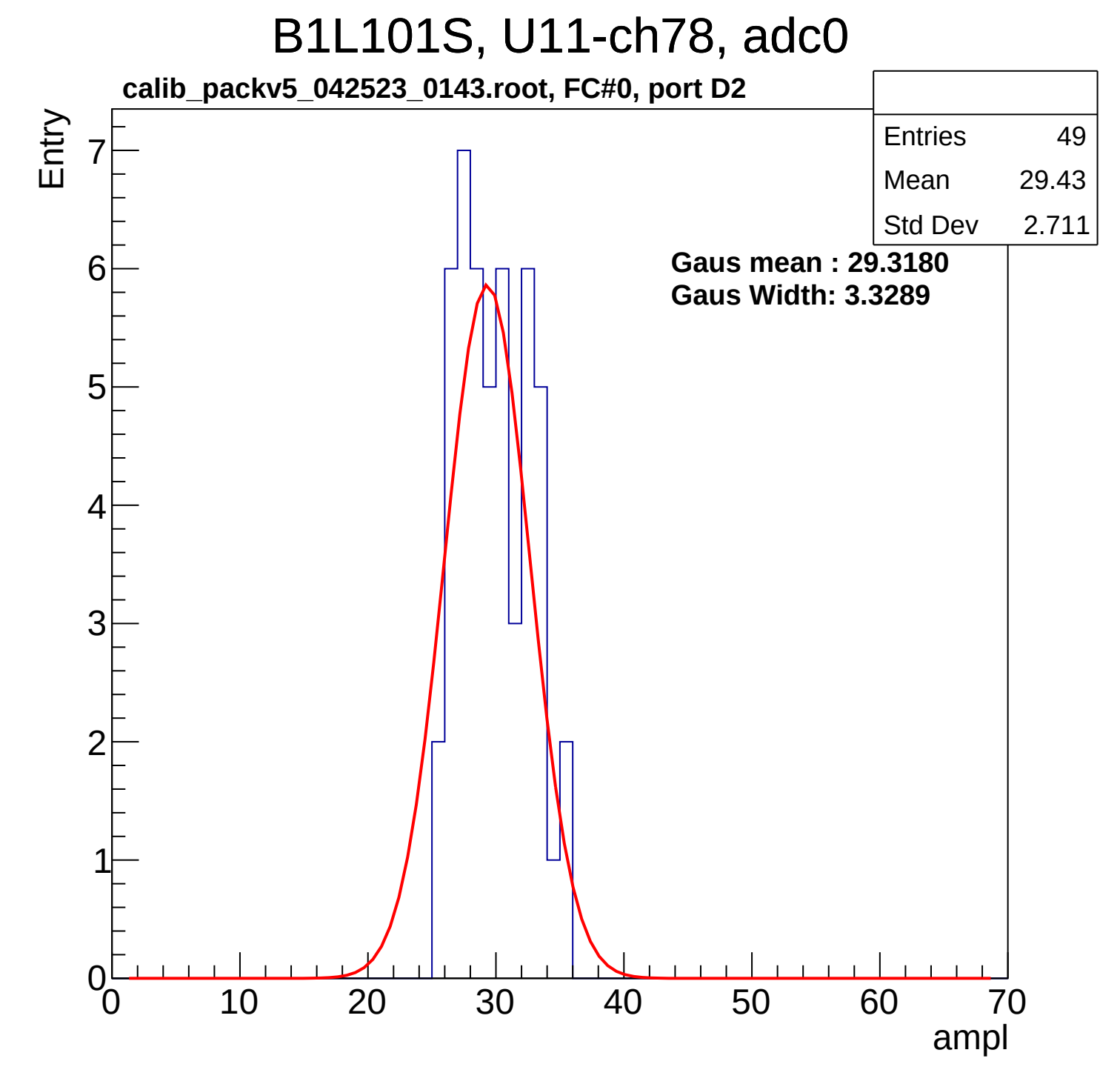

B1L101S, U11-ch77, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 62.67
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U11-ch77, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch78, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 49
Mean 29.43
Std Dev 2.711
Gaus mean : 29.3180
Gaus Width: 3.3289
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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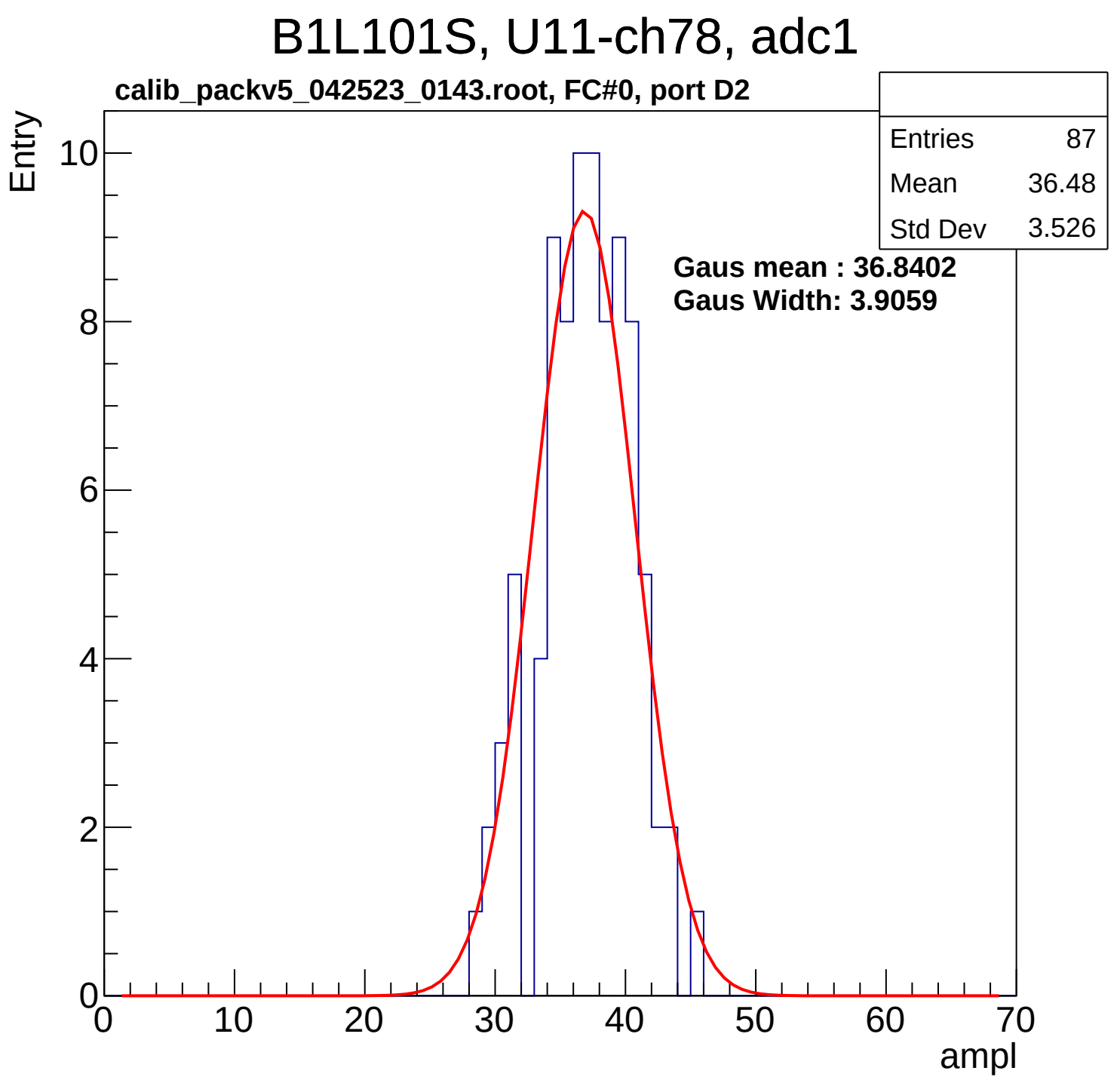
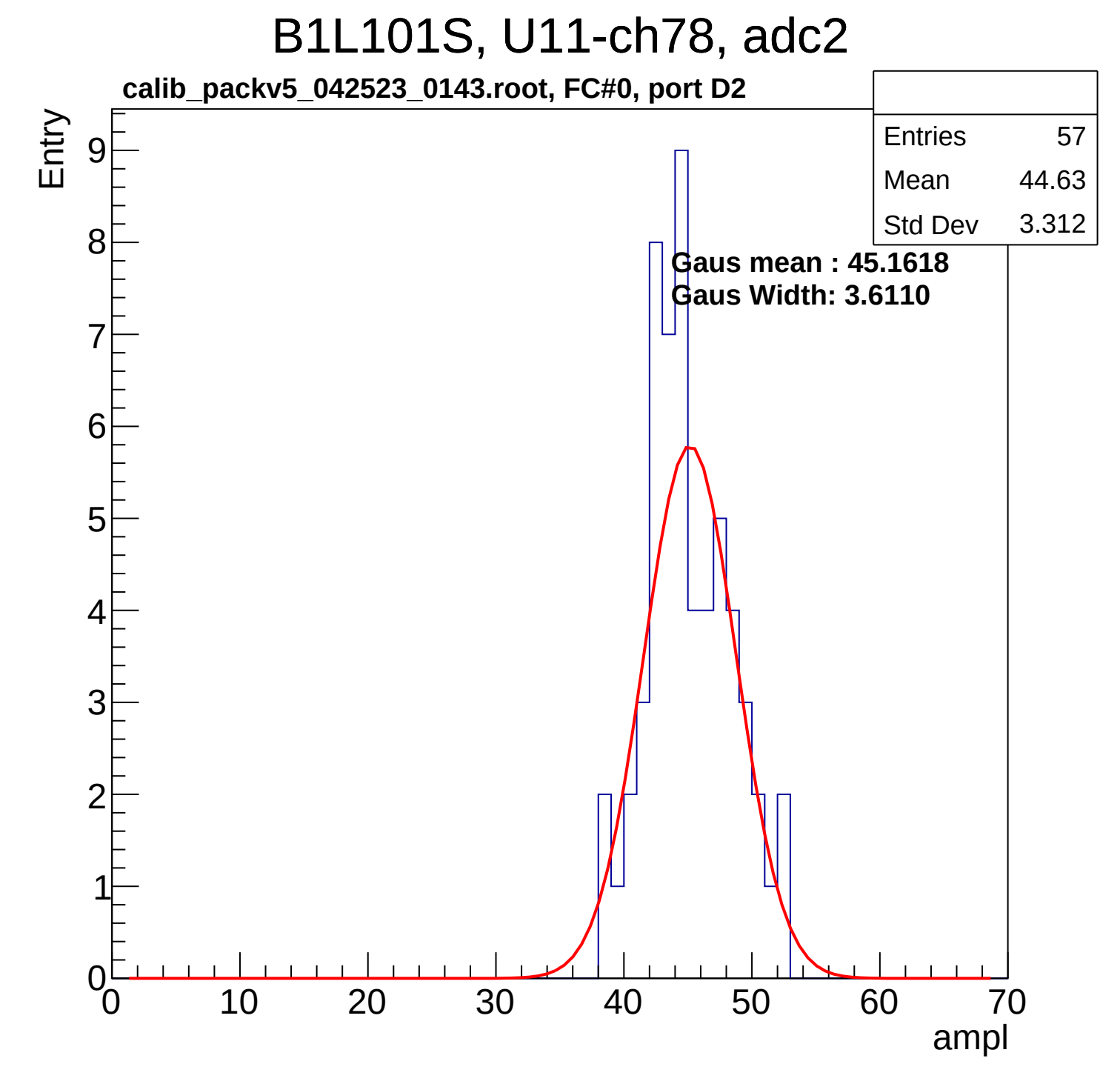
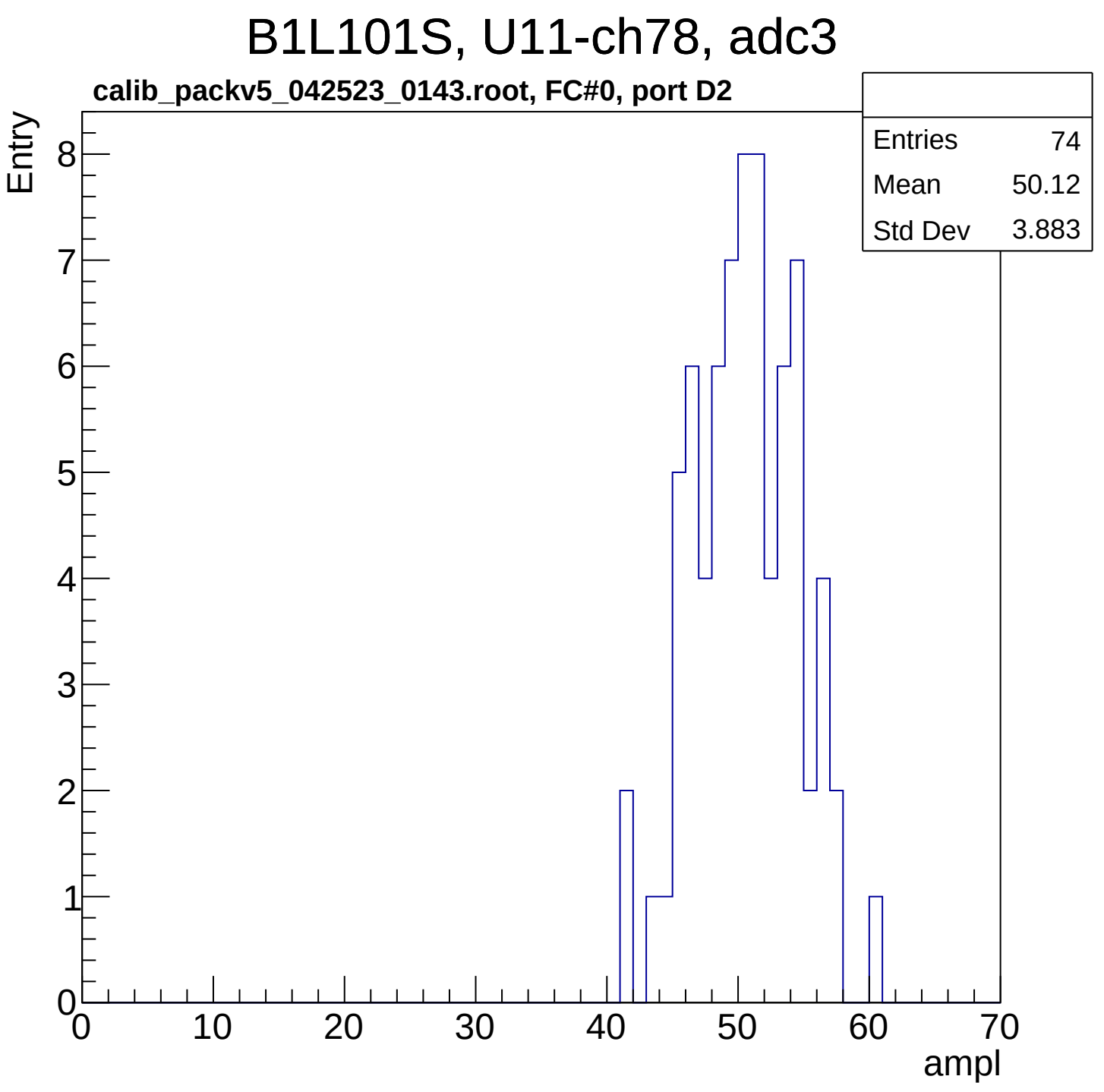
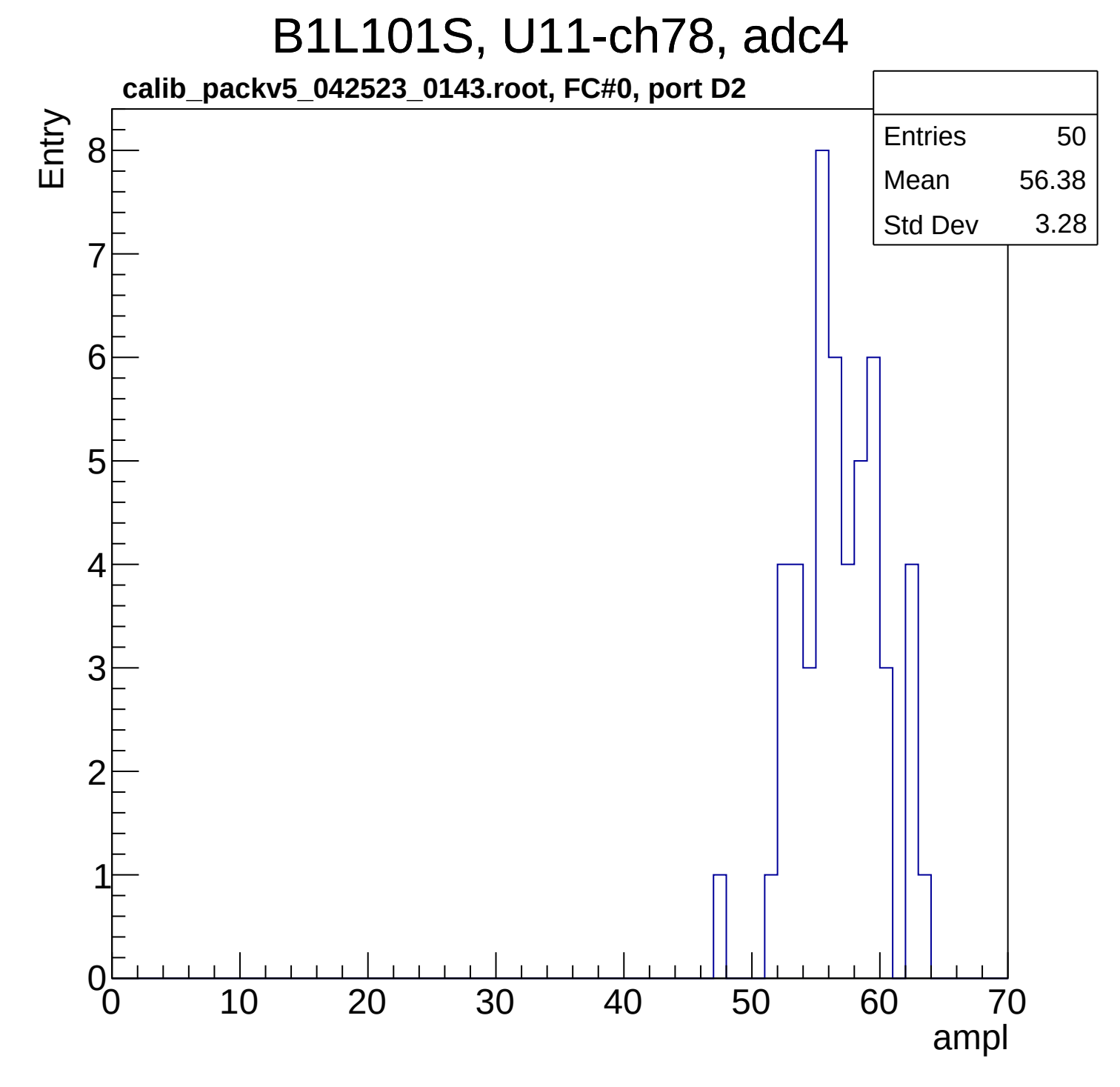
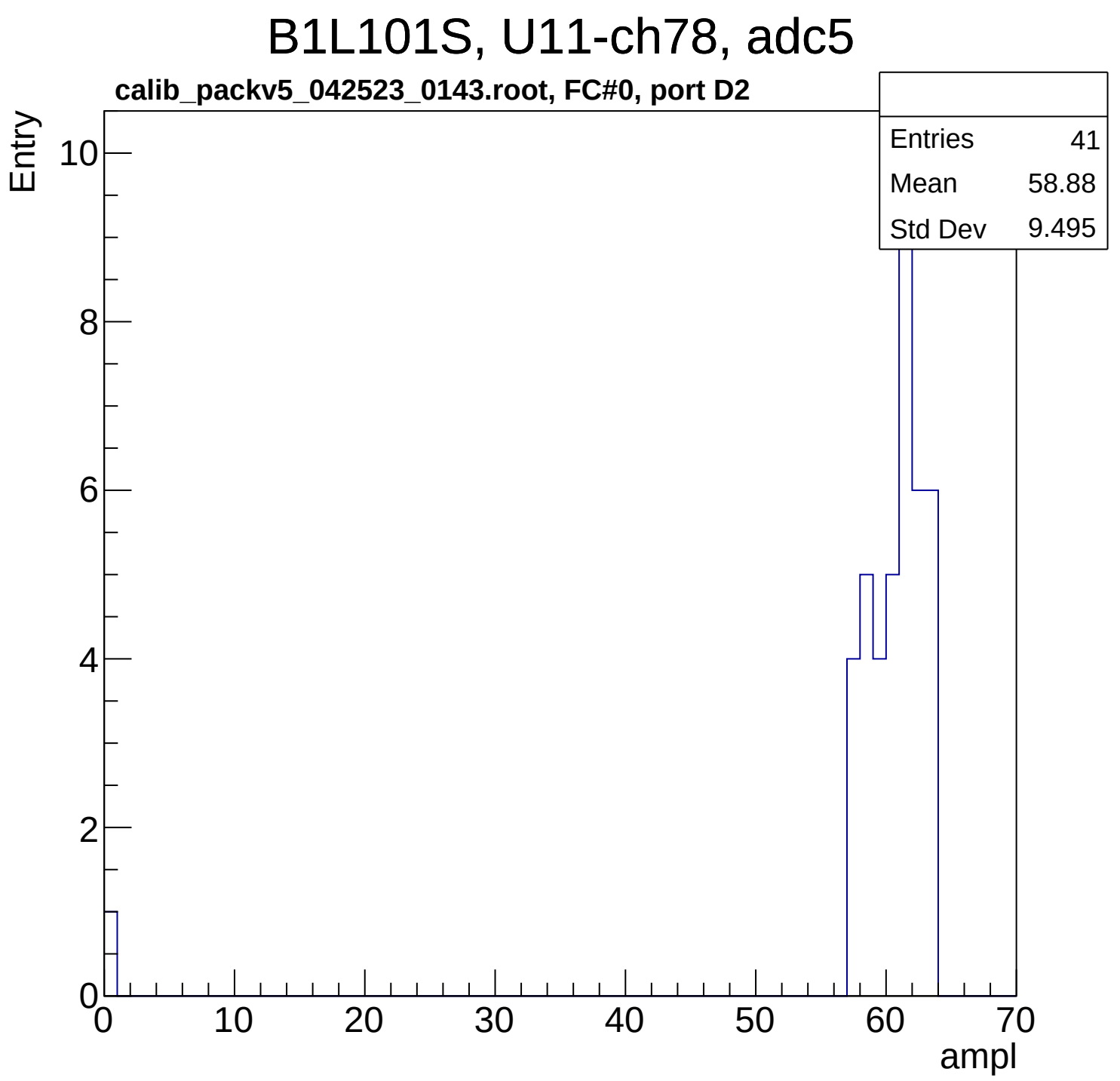
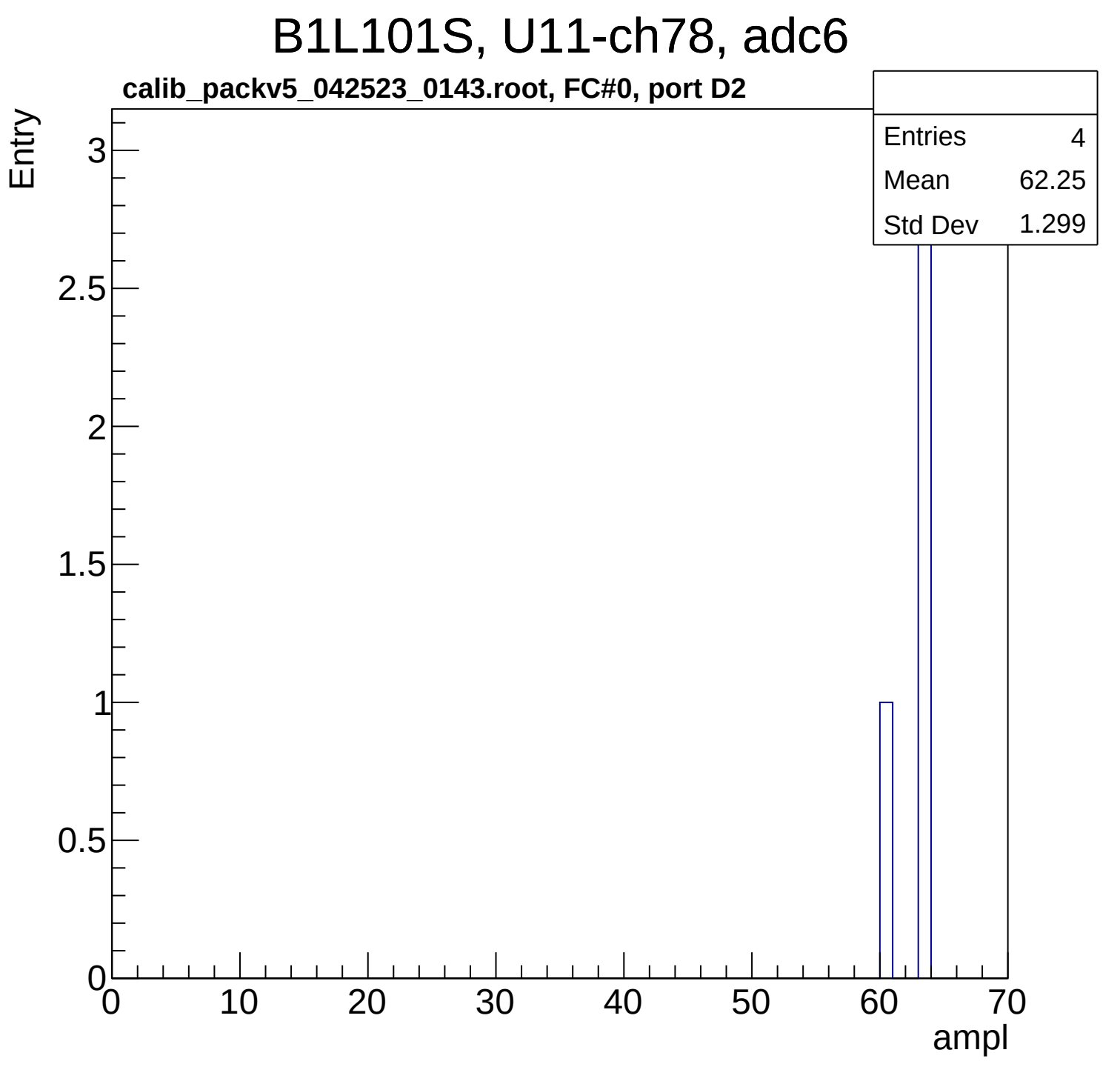

B1L101S, U11-ch78, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 87
Mean 36.48
Std Dev 3.526
Gaus mean : 36.8402
Gaus Width: 3.9059
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

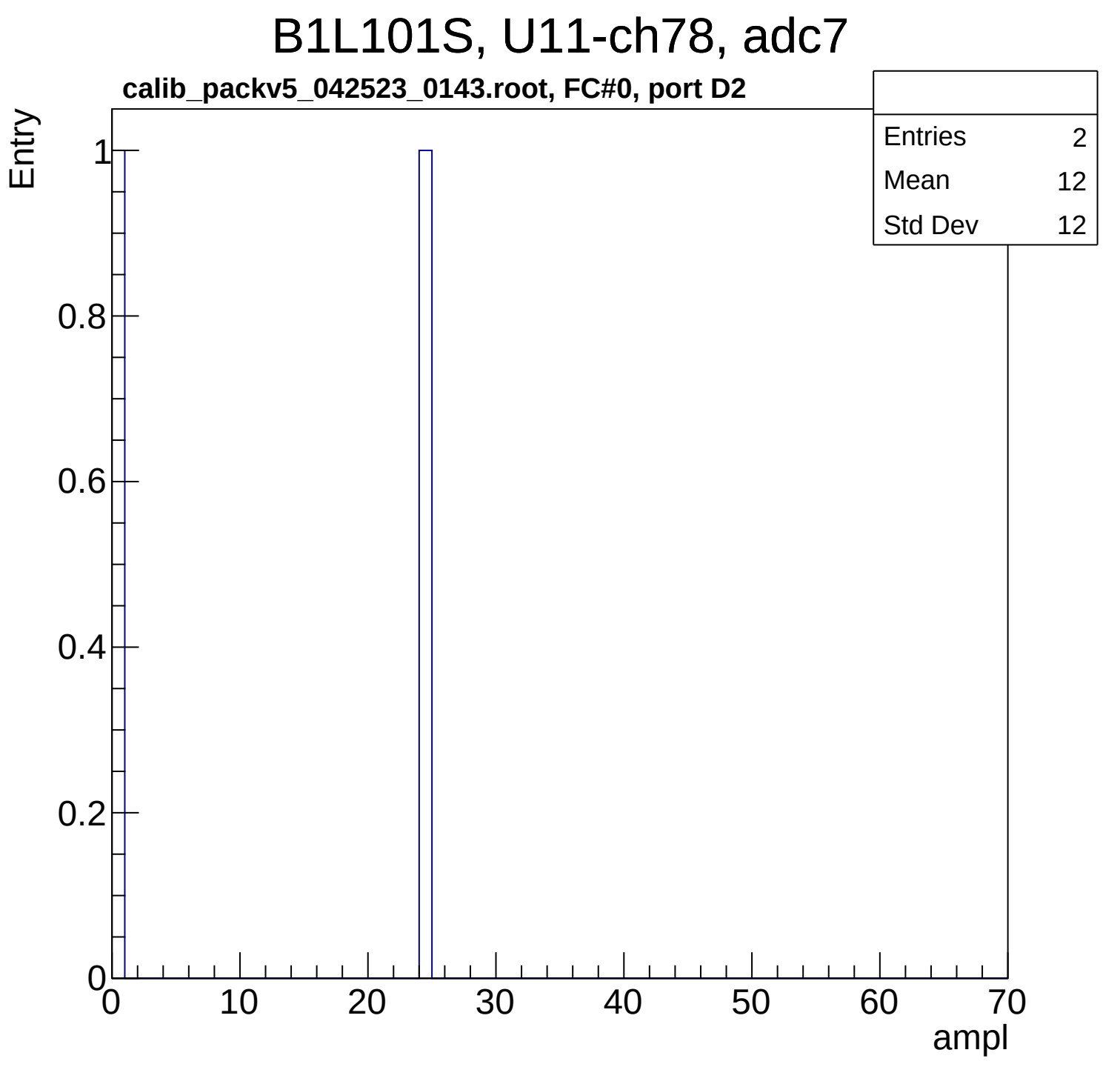

B1L101S, U11-ch78, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 44.63
Std Dev 3.312
Gaus mean : 45.1618
Gaus Width: 3.6110
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

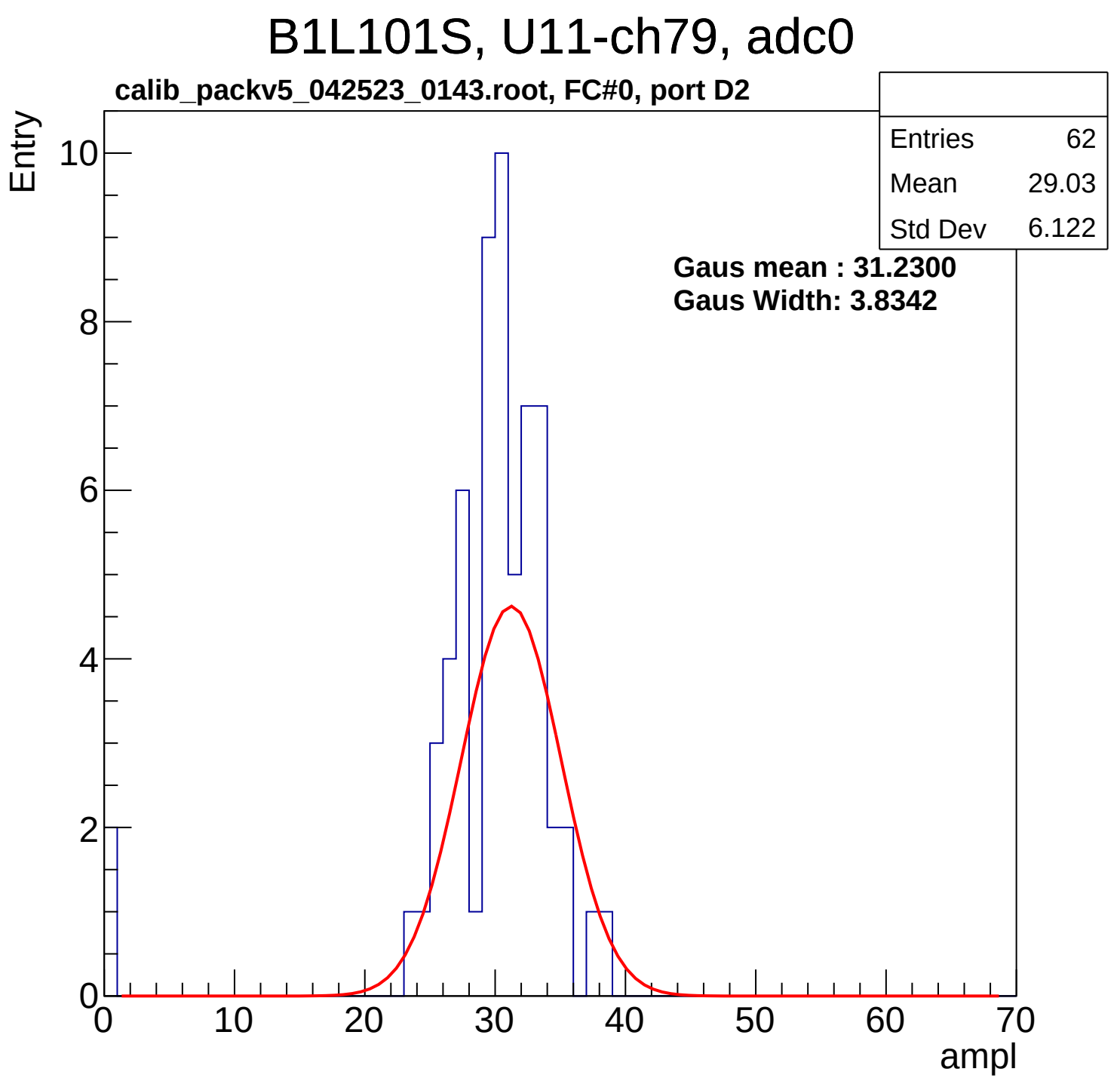

B1L101S, U11-ch78, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 74
Mean 50.12
Std Dev 3.883
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

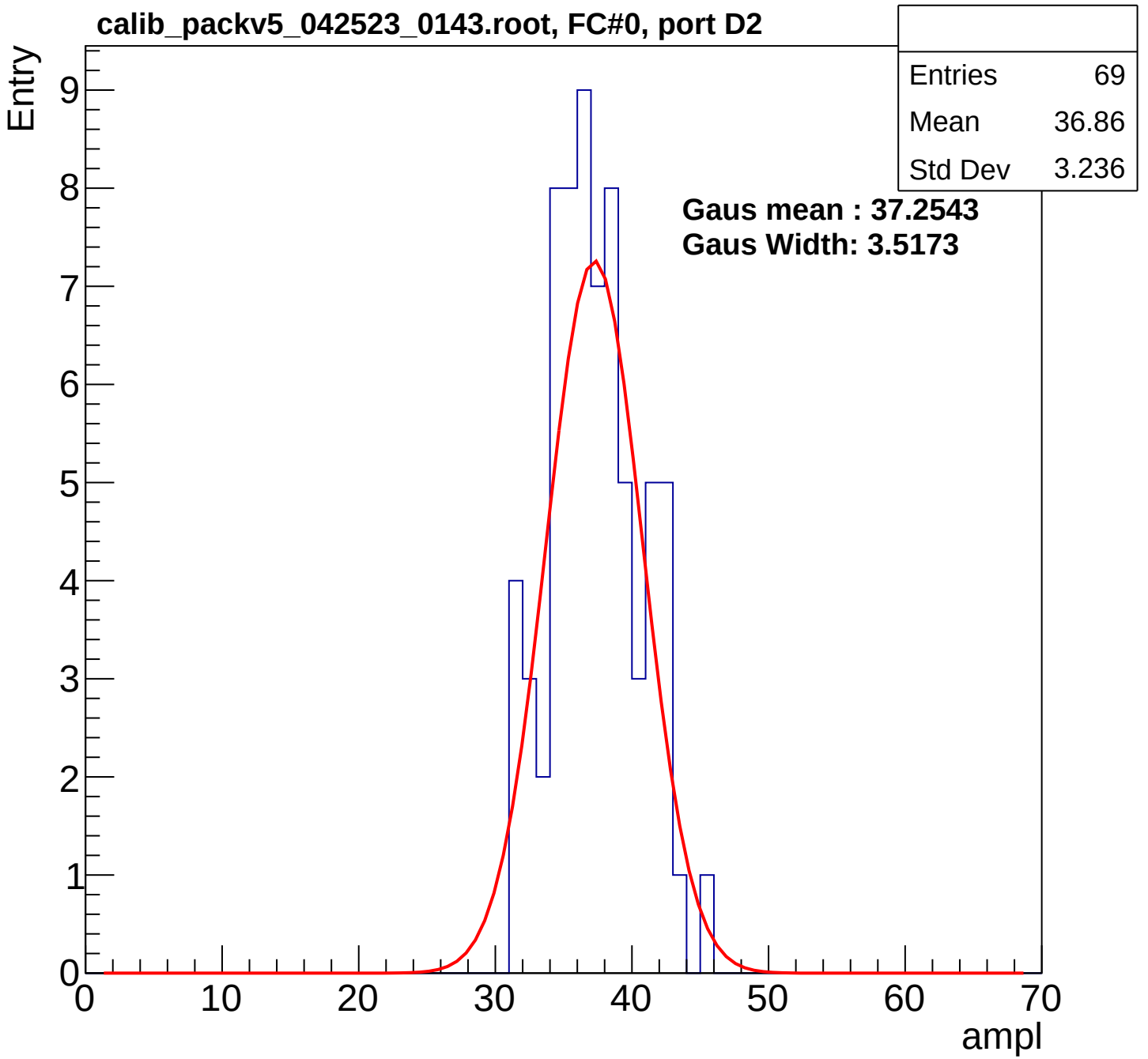

B1L101S, U11-ch78, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 50
Mean 56.38
Std Dev 3.28
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

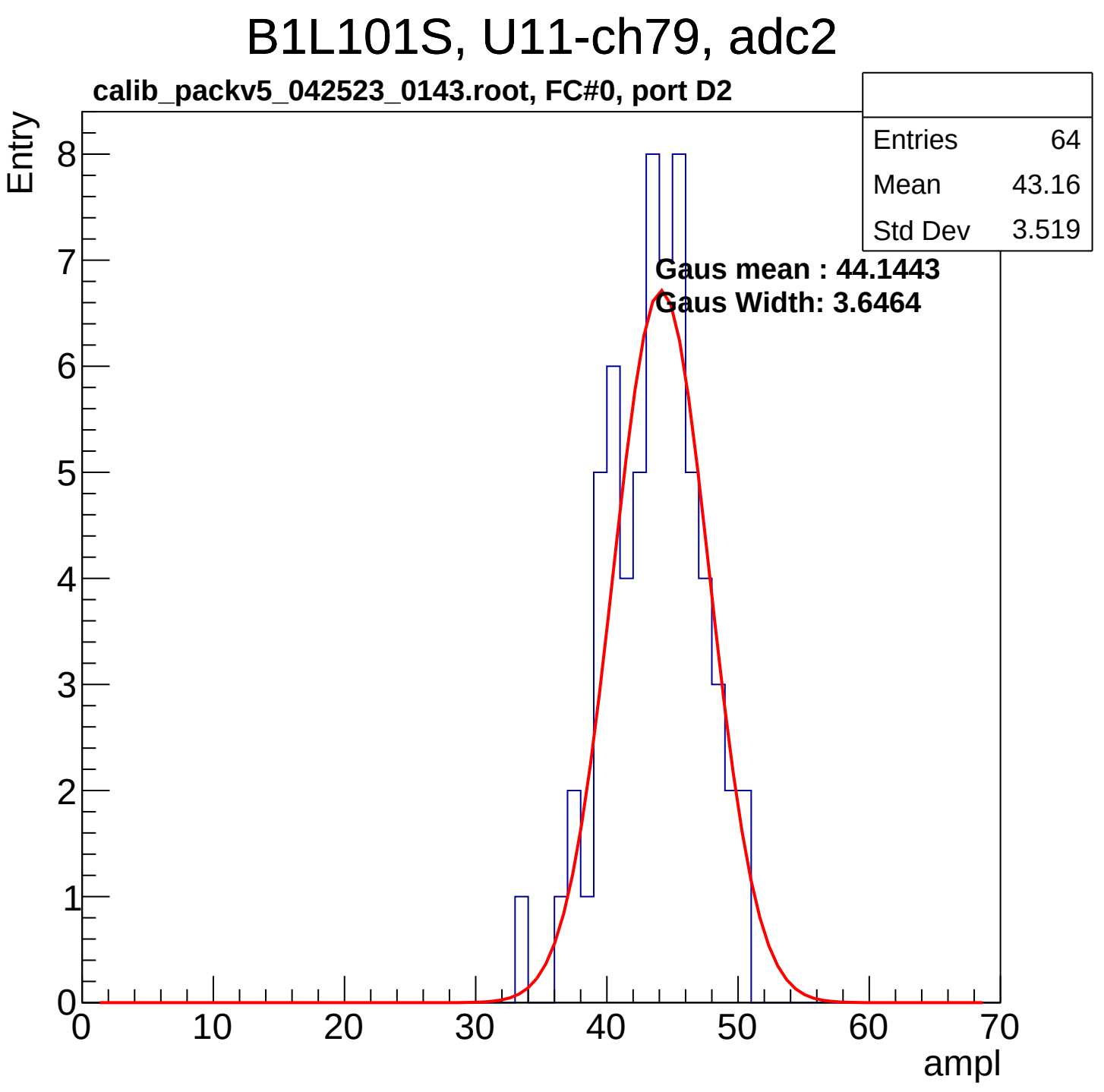

B1L101S, U11-ch78, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 41
Mean 58.88
Std Dev 9.495
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

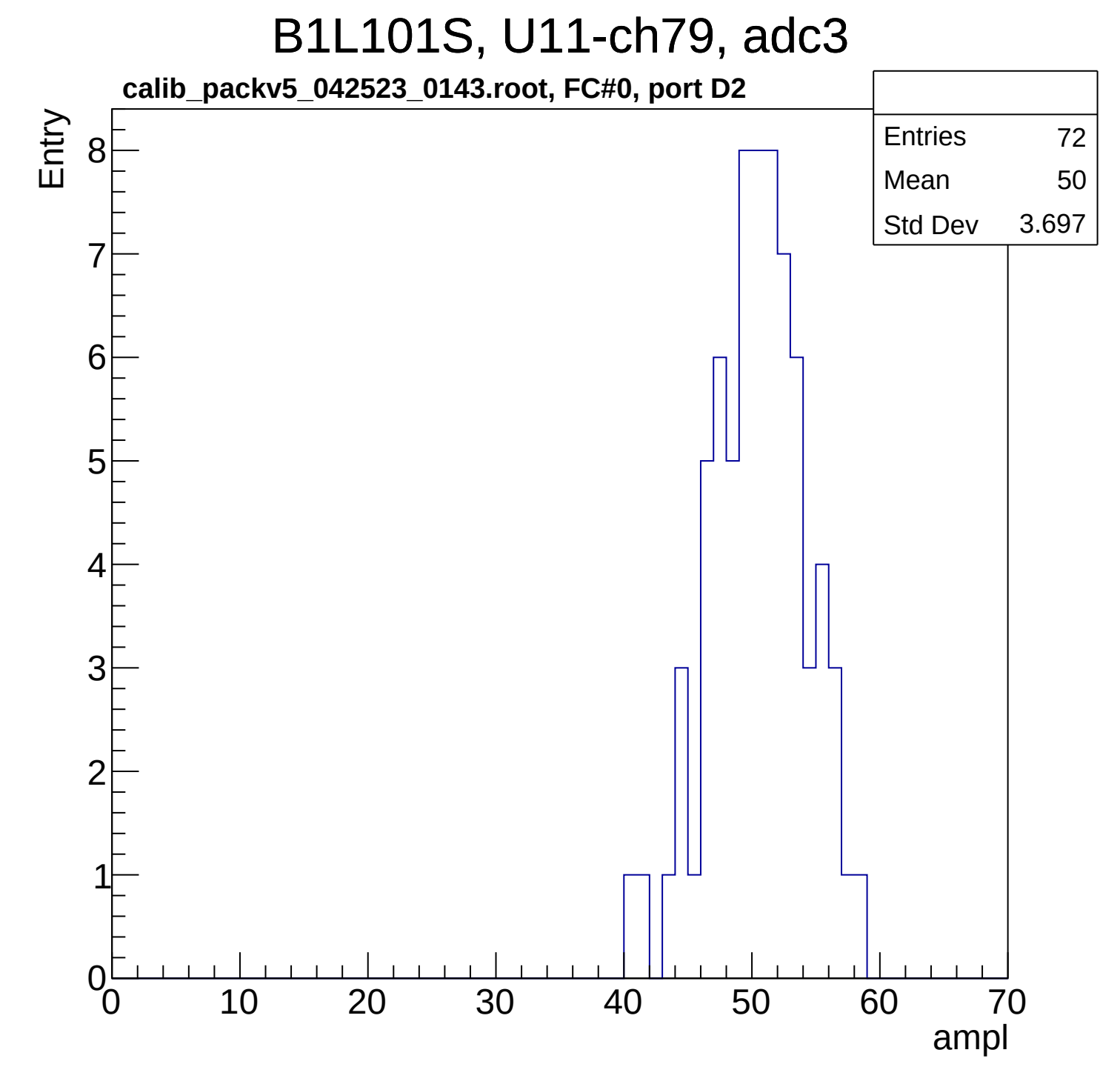

B1L101S, U11-ch78, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 62.25
Std Dev 1.299
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L101S, U11-ch78, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 12
Std Dev 12
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch79, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 29.03
Std Dev 6.122
Gaus mean : 31.2300
Gaus Width: 3.8342
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch79, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 36.86
Std Dev 3.236
Gaus mean : 37.2543
Gaus Width: 3.5173
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch79, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 43.16
Std Dev 3.519
Gaus mean : 44.1443
Gaus Width: 3.6464
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch79, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 50
Std Dev 3.697
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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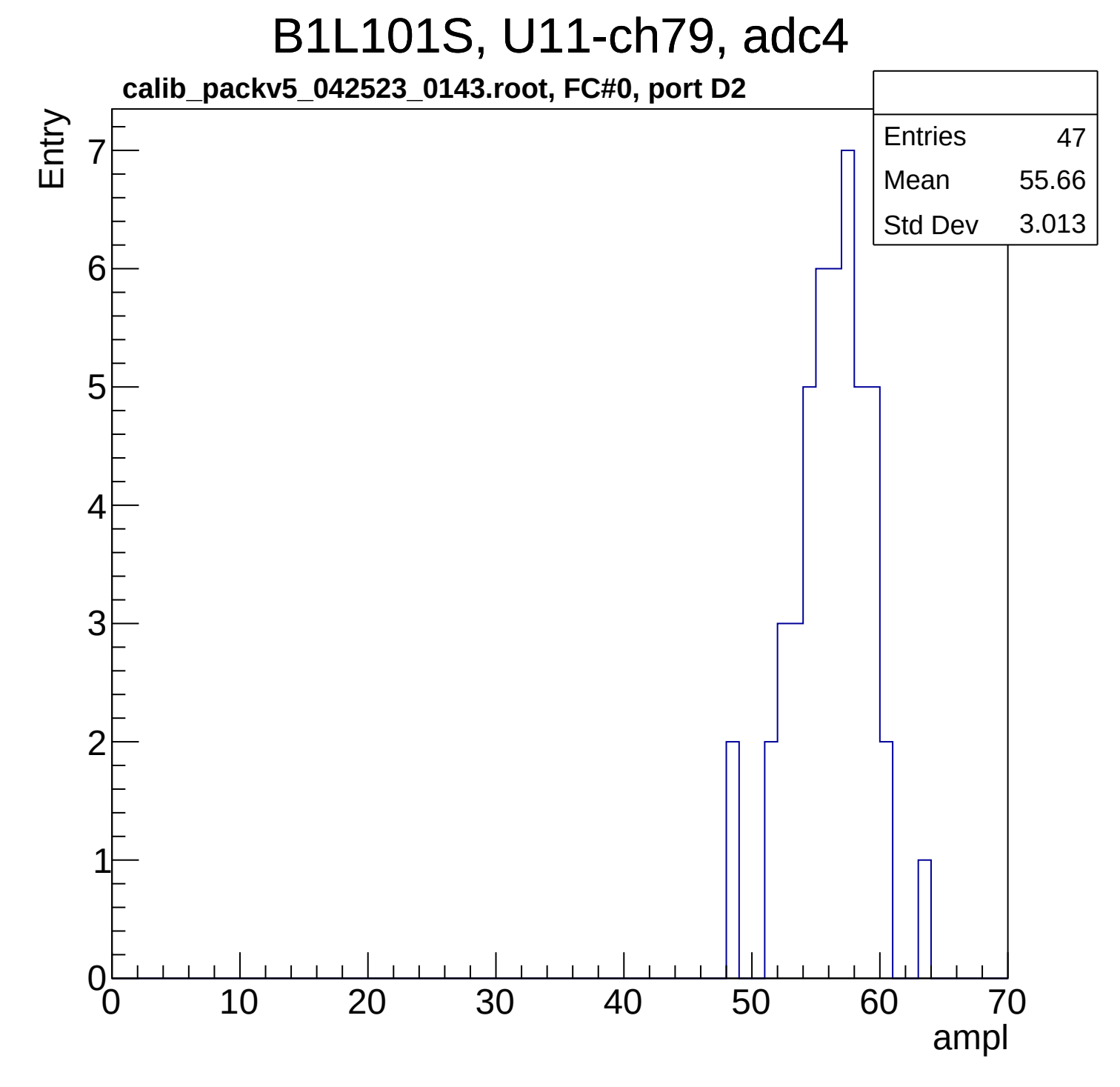
40
50
60
70


B1L101S, U11-ch79, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 47
Mean 55.66
Std Dev 3.013
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
30
40
50
60
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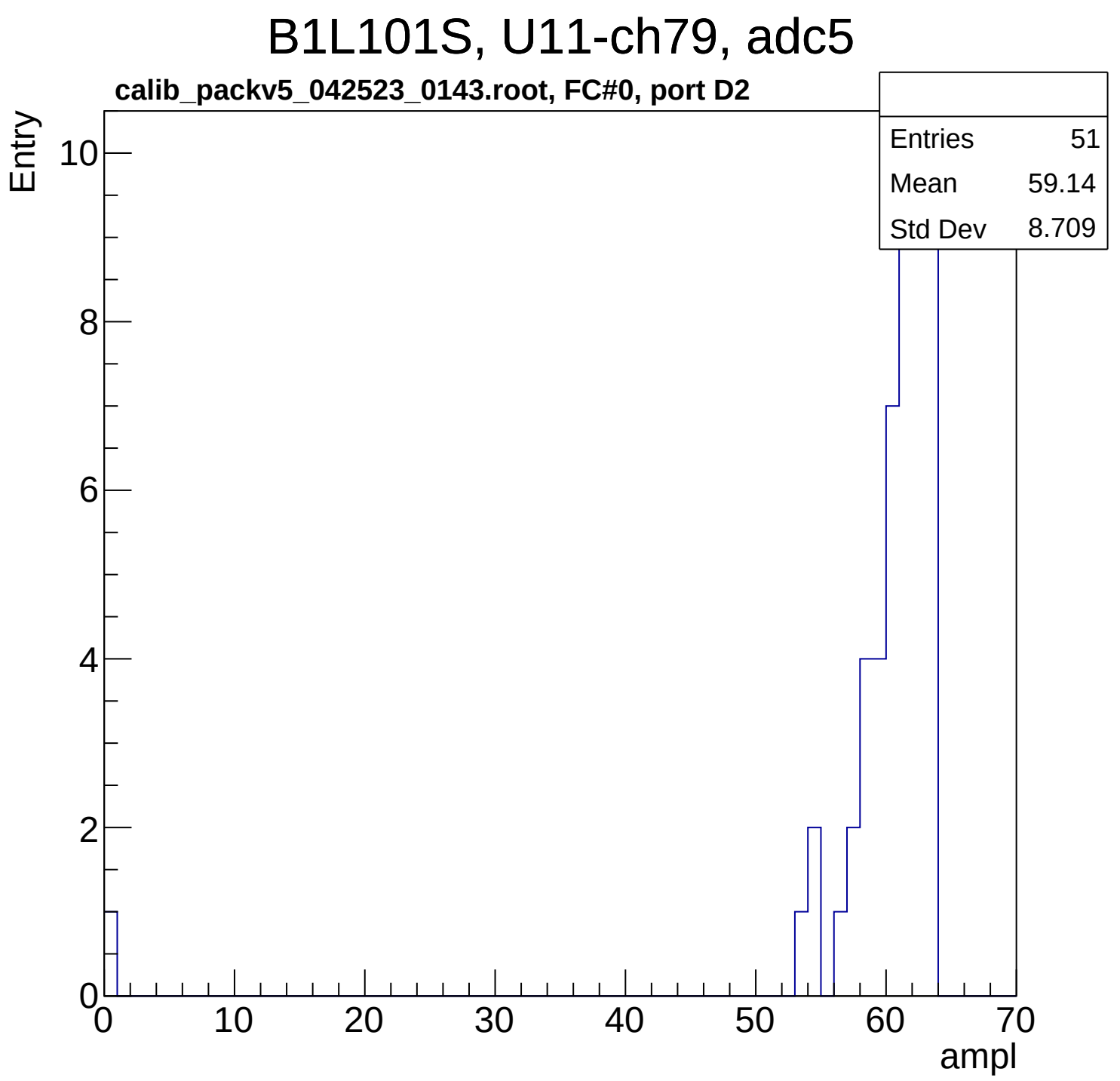
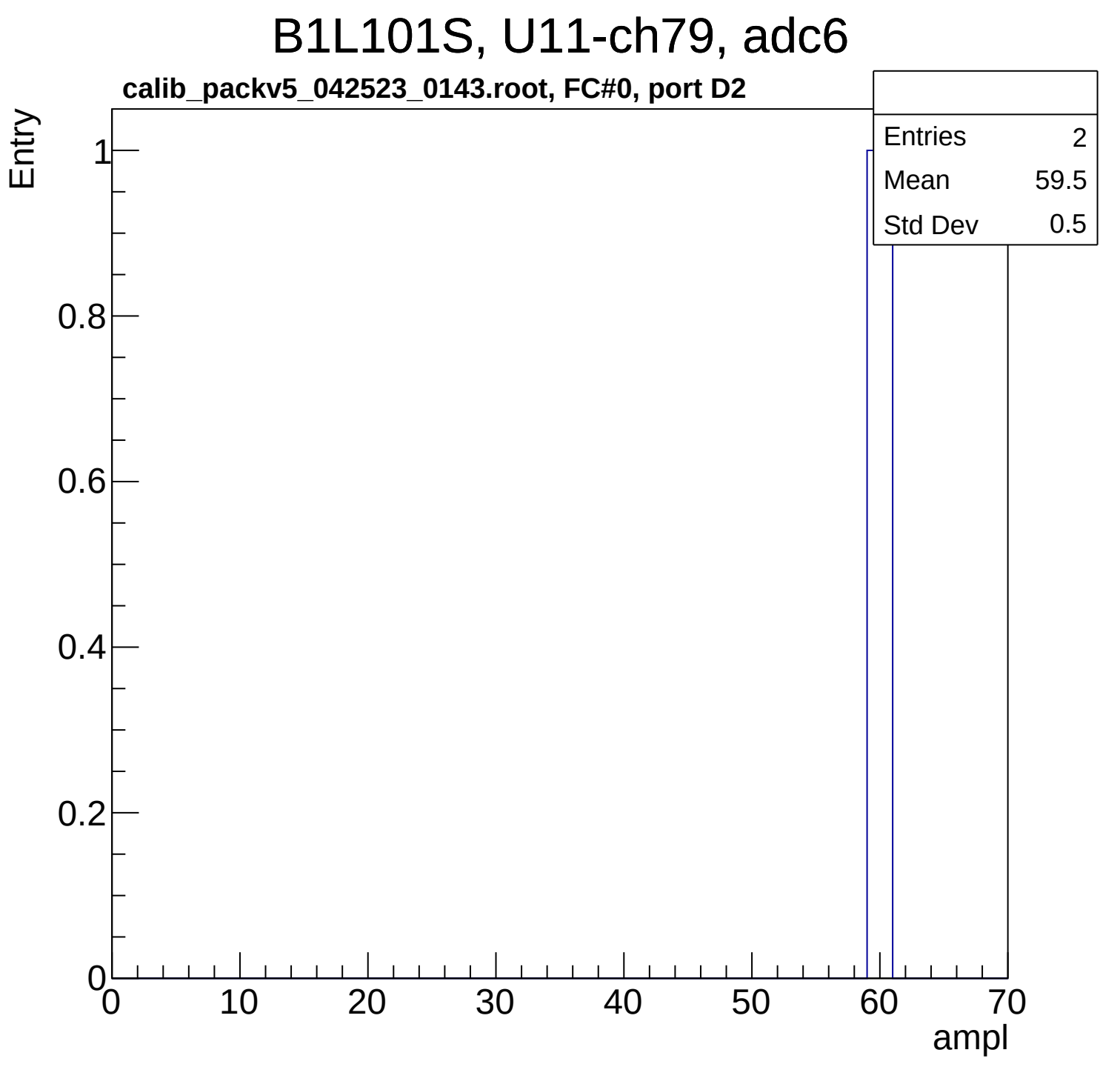
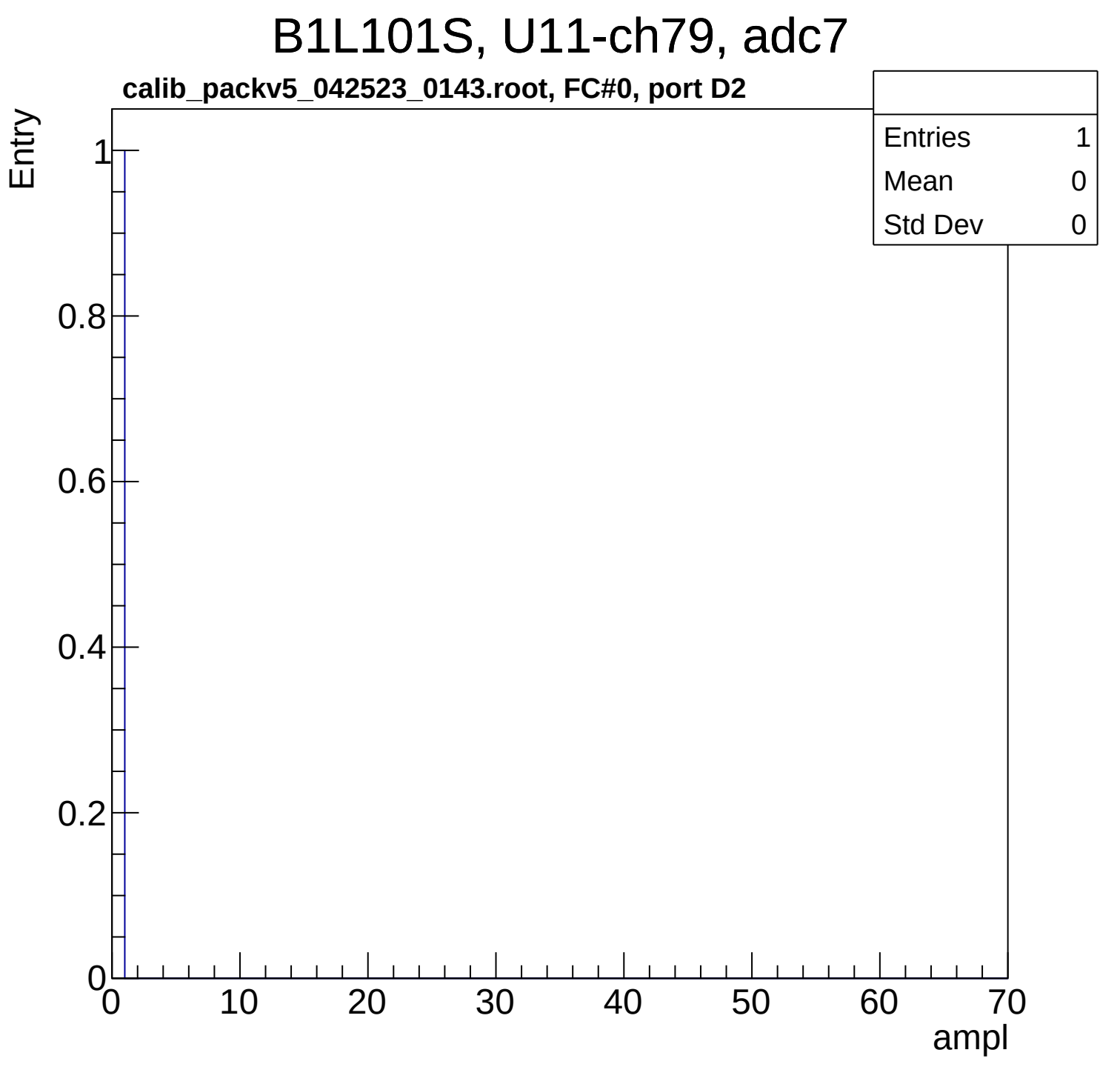
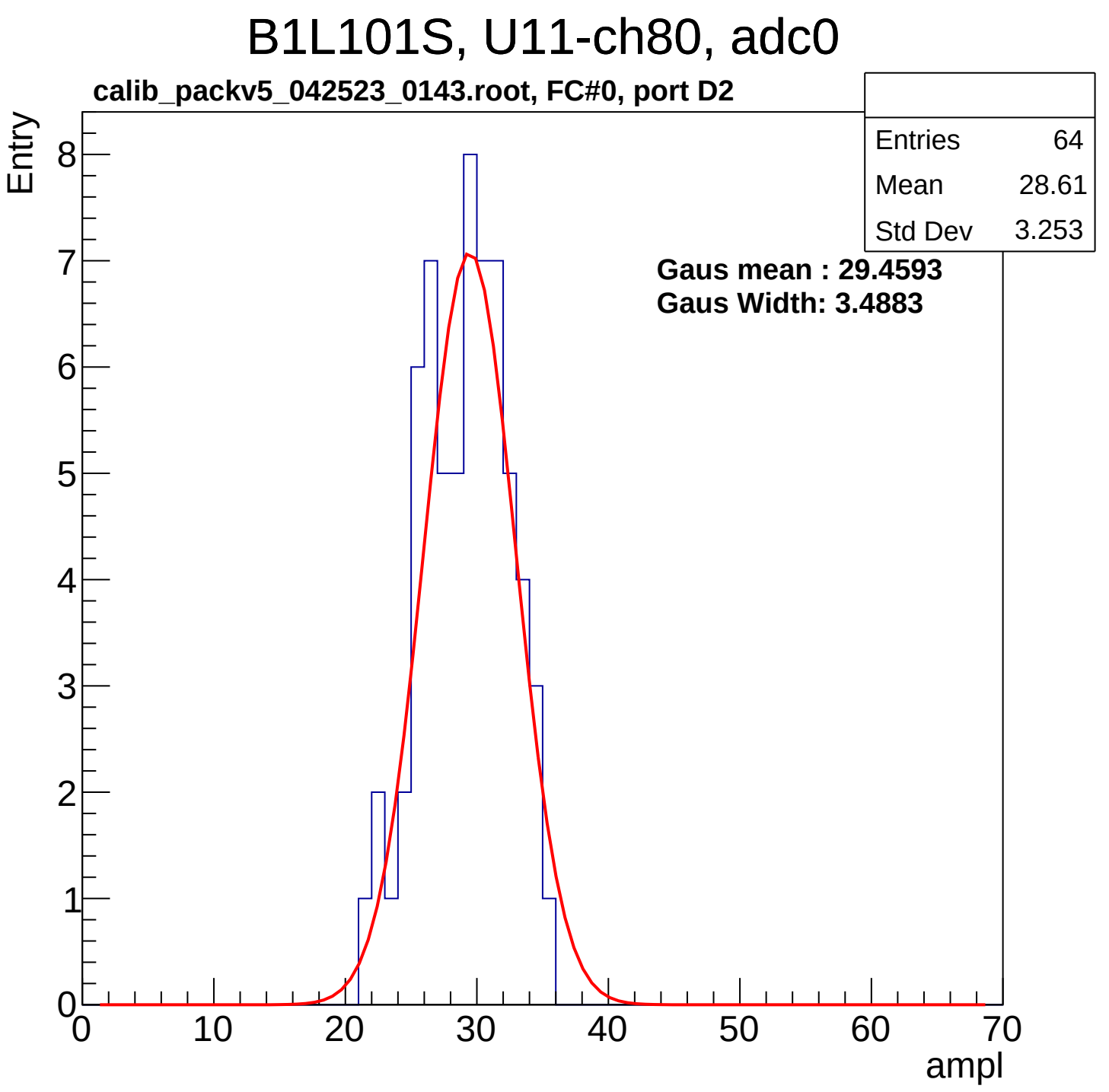
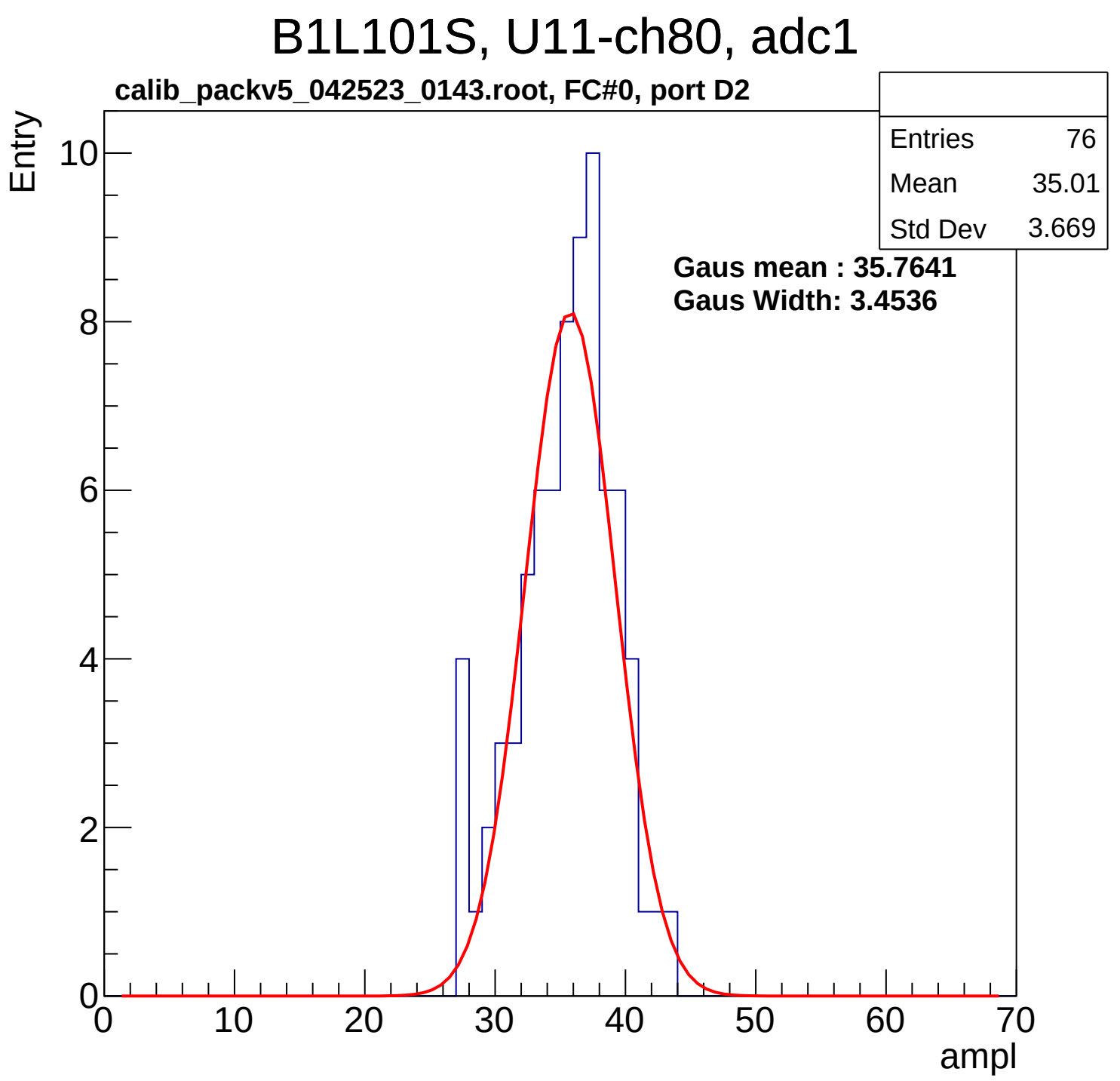
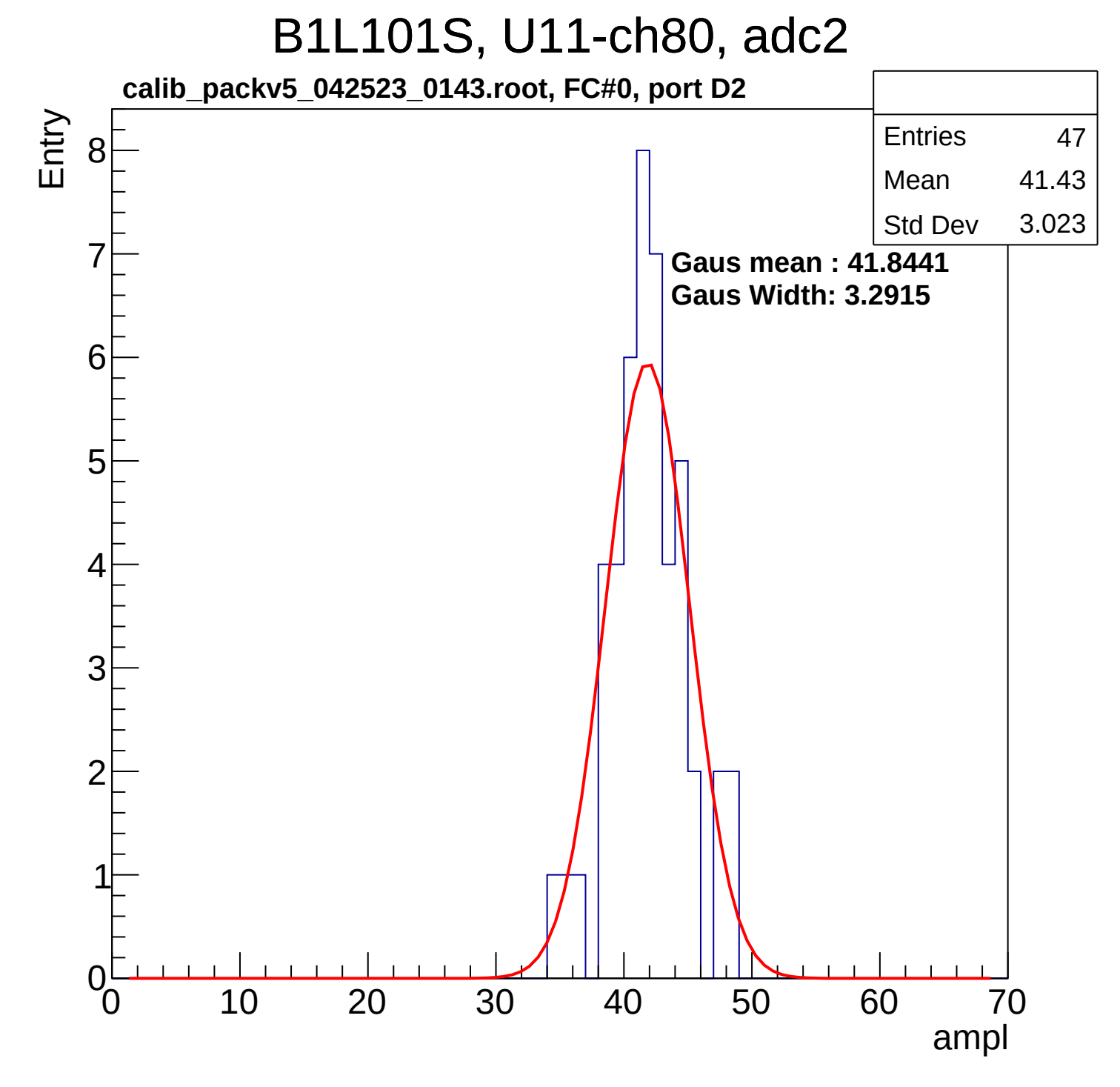

B1L101S, U11-ch79, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 59.14
Std Dev 8.709
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

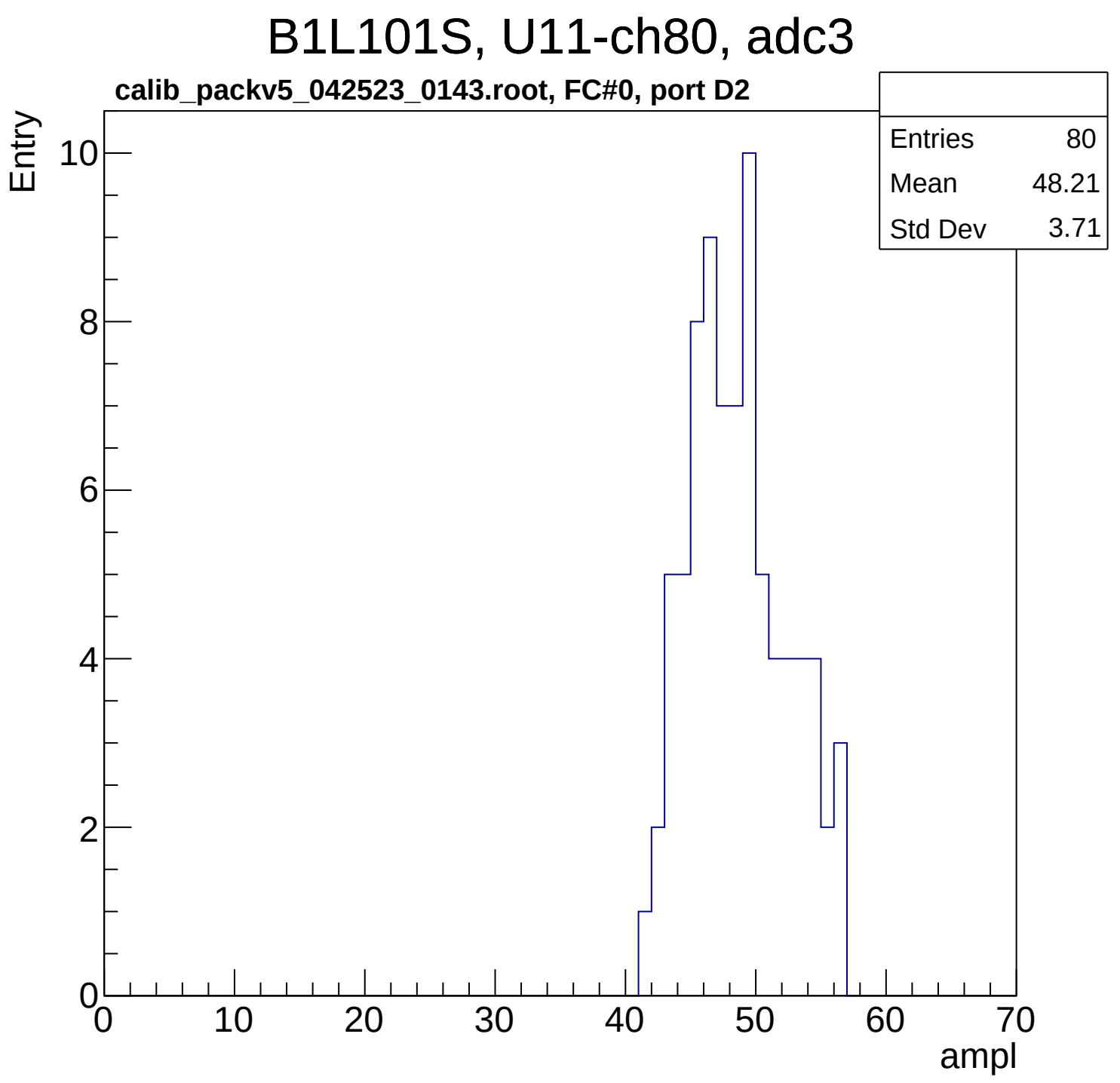

B1L101S, U11-ch79, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 59.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch79, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch80, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 28.61
Std Dev 3.253
Gaus mean : 29.4593
Gaus Width: 3.4883
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch80, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 35.01
Std Dev 3.669
Gaus mean : 35.7641
Gaus Width: 3.4536
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch80, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 47
Mean 41.43
Std Dev 3.023
Gaus mean : 41.8441
Gaus Width: 3.2915
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch80, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 80
Mean 48.21
Std Dev 3.71
Entry
ampl
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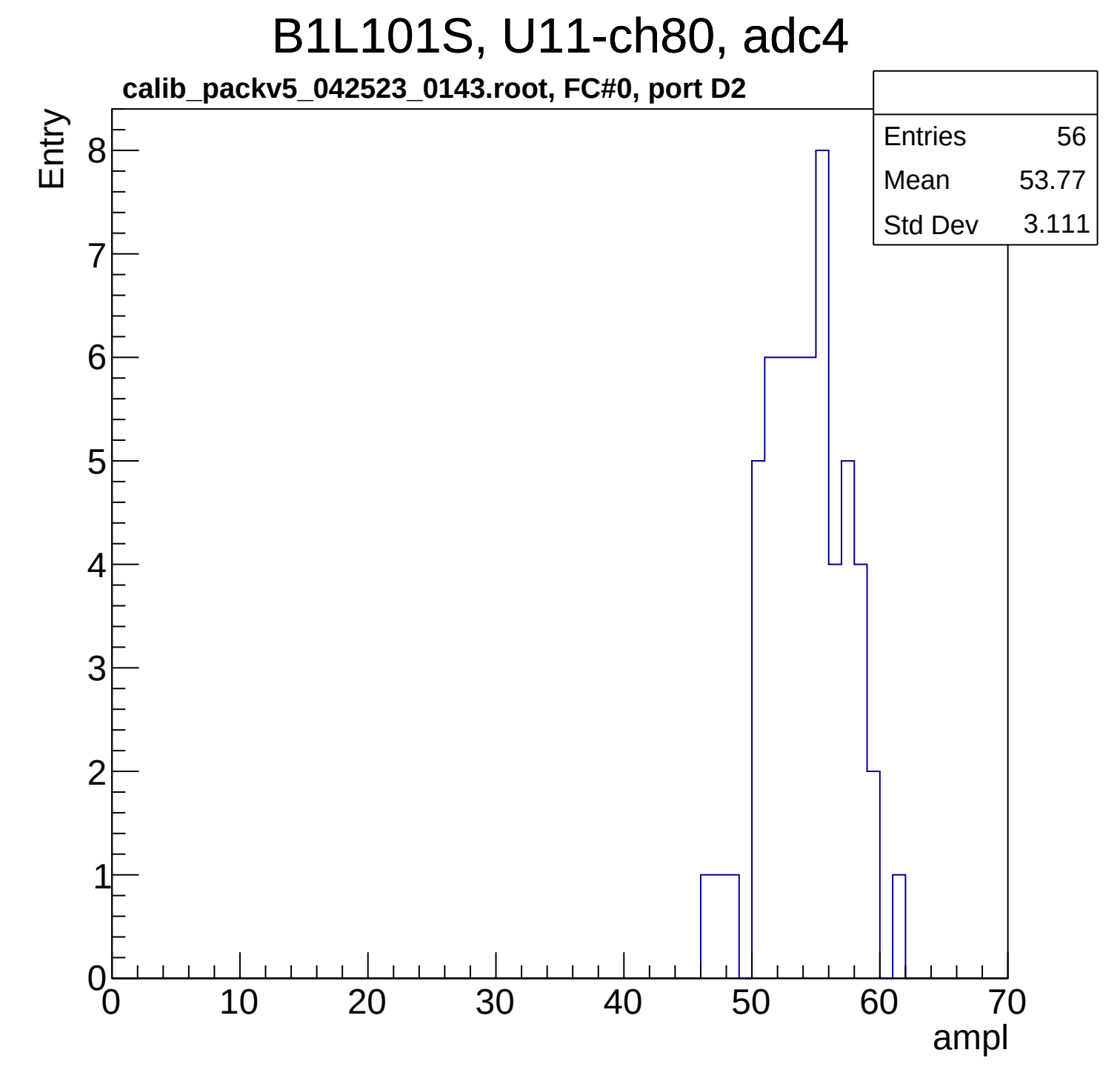
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch80, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 53.77
Std Dev 3.111
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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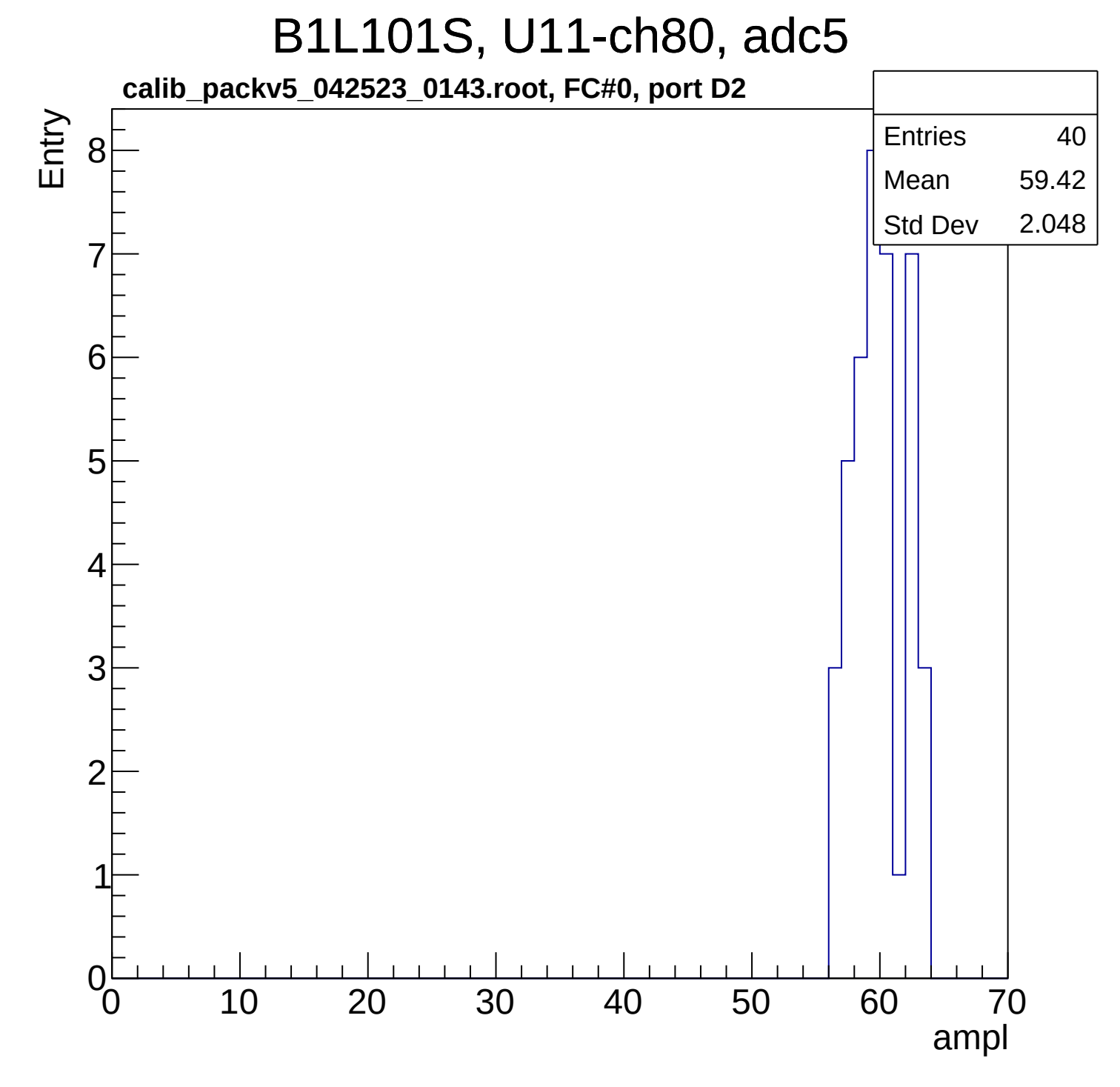
B1L101S, U11-ch80, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 40
Mean 59.42
Std Dev 2.048
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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60
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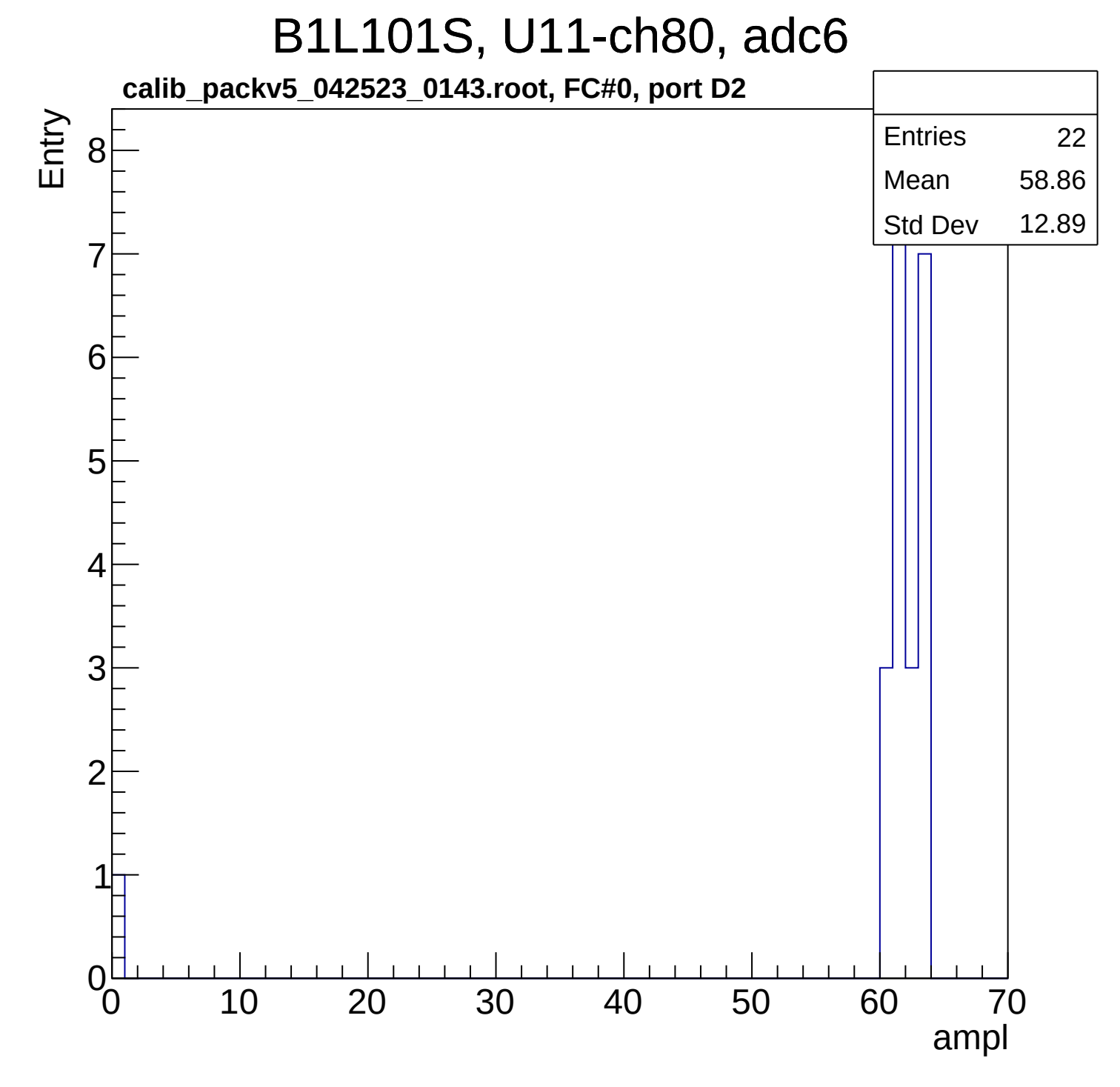
B1L101S, U11-ch80, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 22
Mean 58.86
Std Dev 12.89
Entry
ampl
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3
4
5
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7
8
0
10
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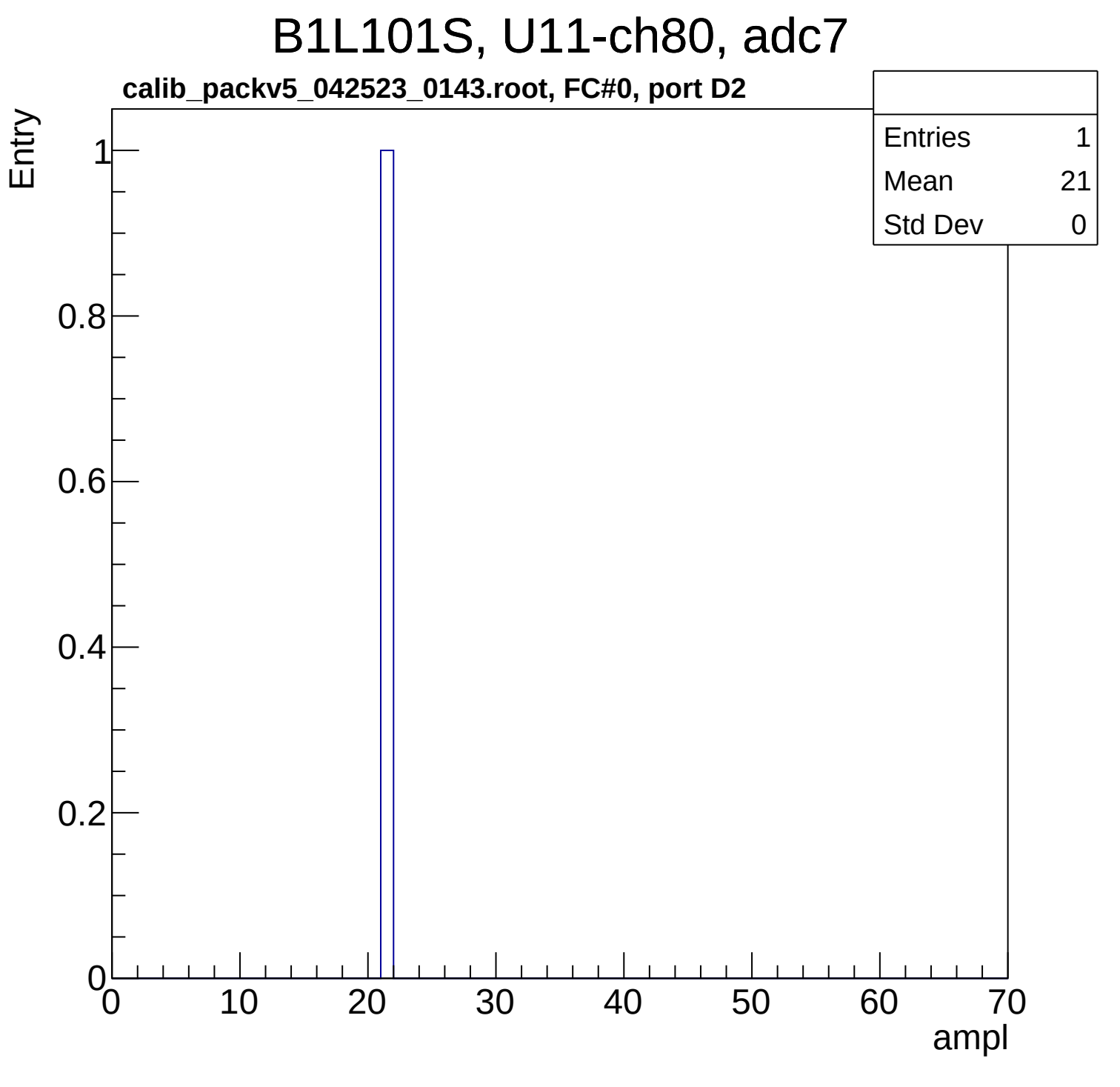
60
70


B1L101S, U11-ch80, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 21
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
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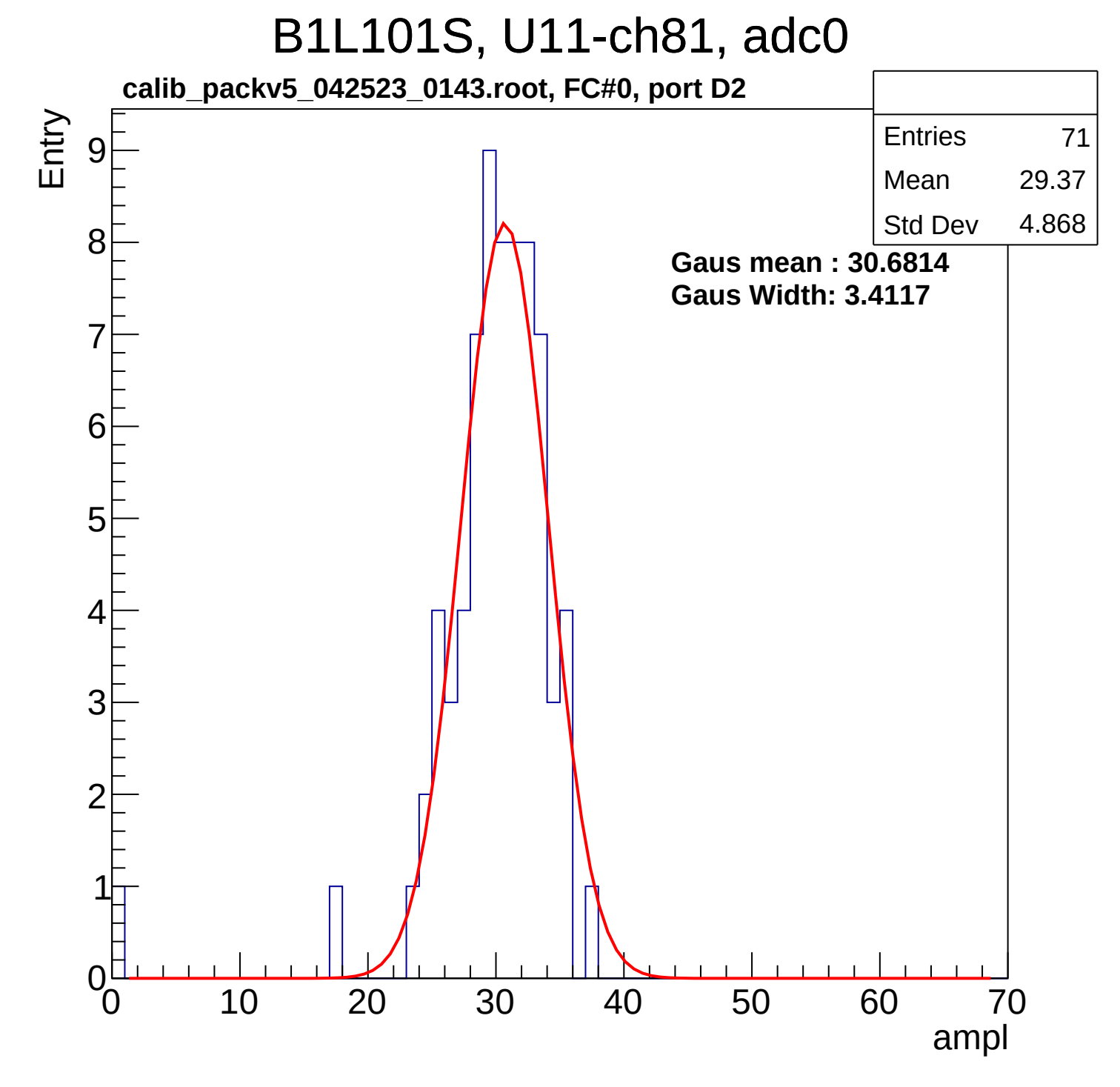
50
60
70
ampl


B1L101S, U11-ch81, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 29.37
Std Dev 4.868
Gaus mean : 30.6814
Gaus Width: 3.4117
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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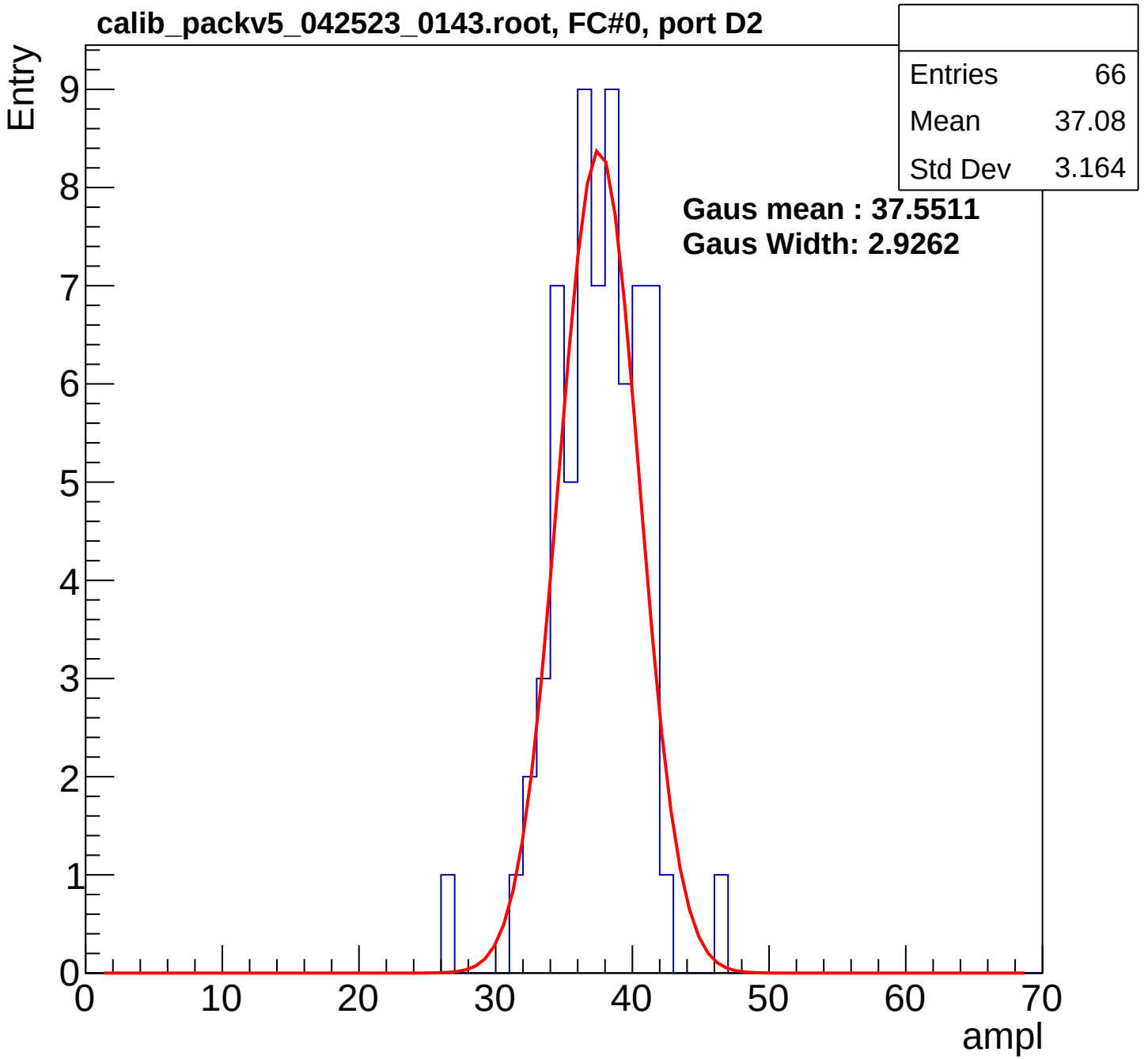
B1L101S, U11-ch81, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 37.08
Std Dev 3.164
Gaus mean : 37.5511
Gaus Width: 2.9262
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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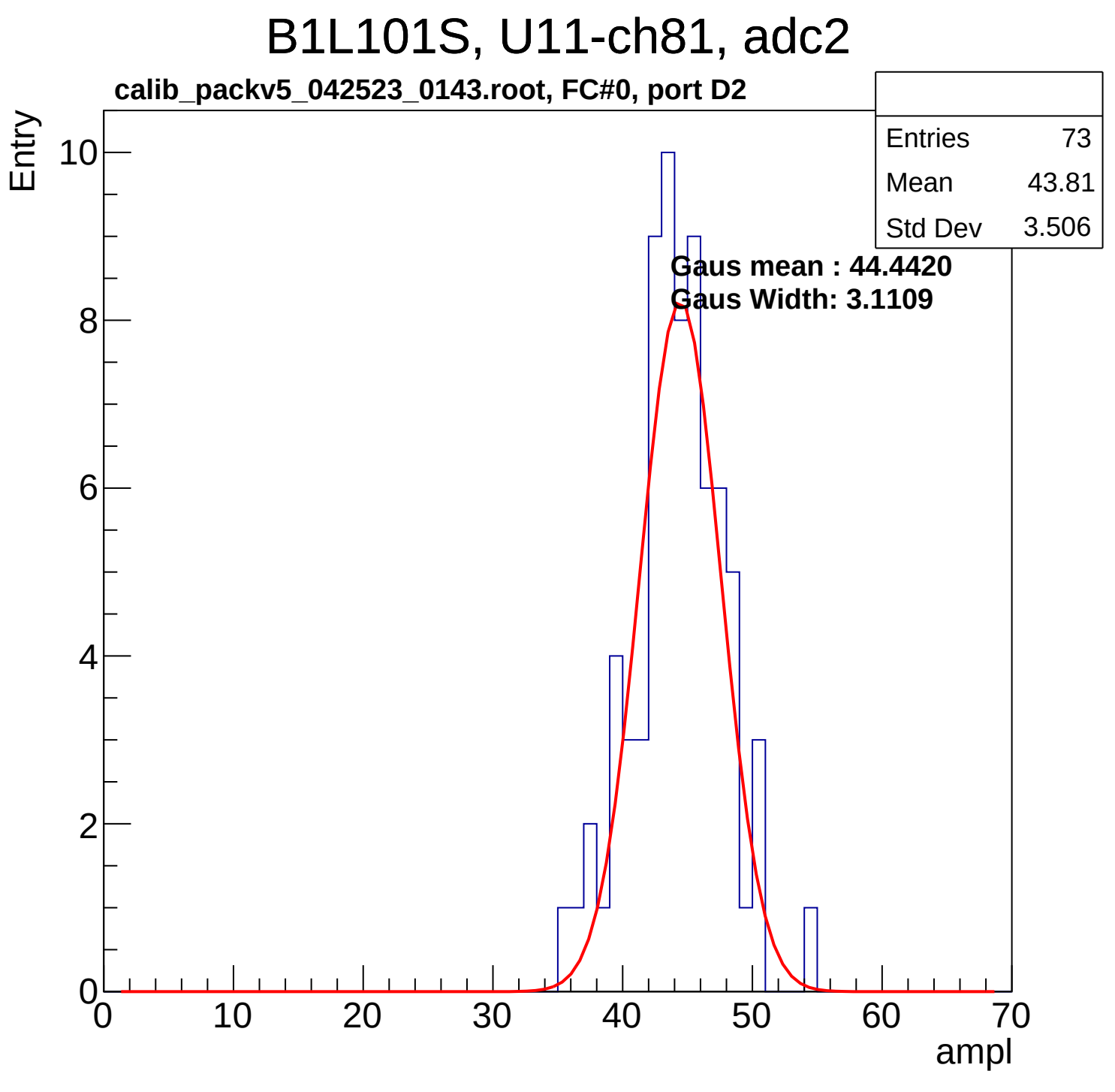
B1L101S, U11-ch81, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 43.81
Std Dev 3.506
Gaus mean : 44.4420
Gaus Width: 3.1109
Entry
ampl
0
2
4
6
8
10
0
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20
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40
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60
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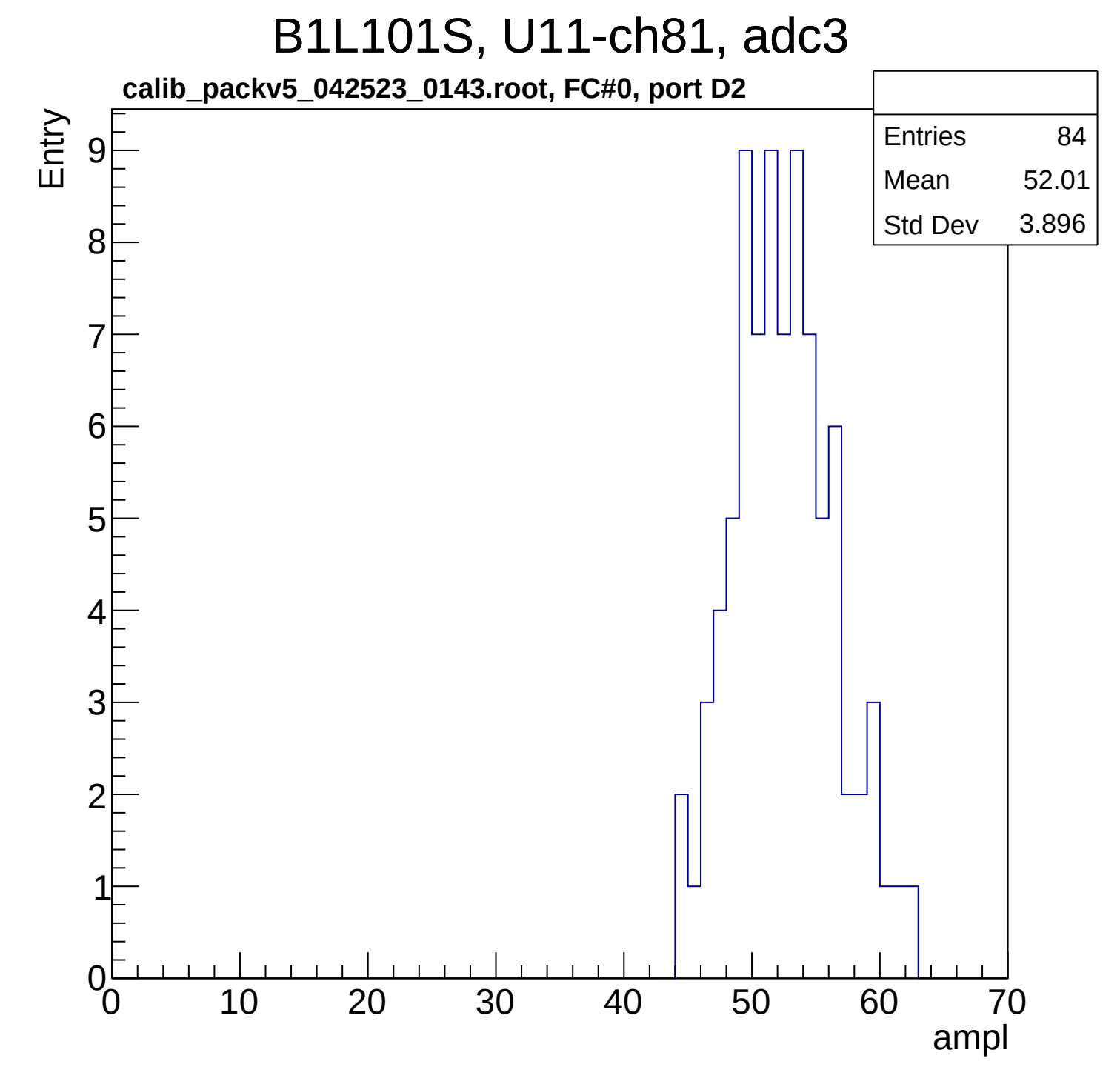
B1L101S, U11-ch81, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 84
Mean 52.01
Std Dev 3.896
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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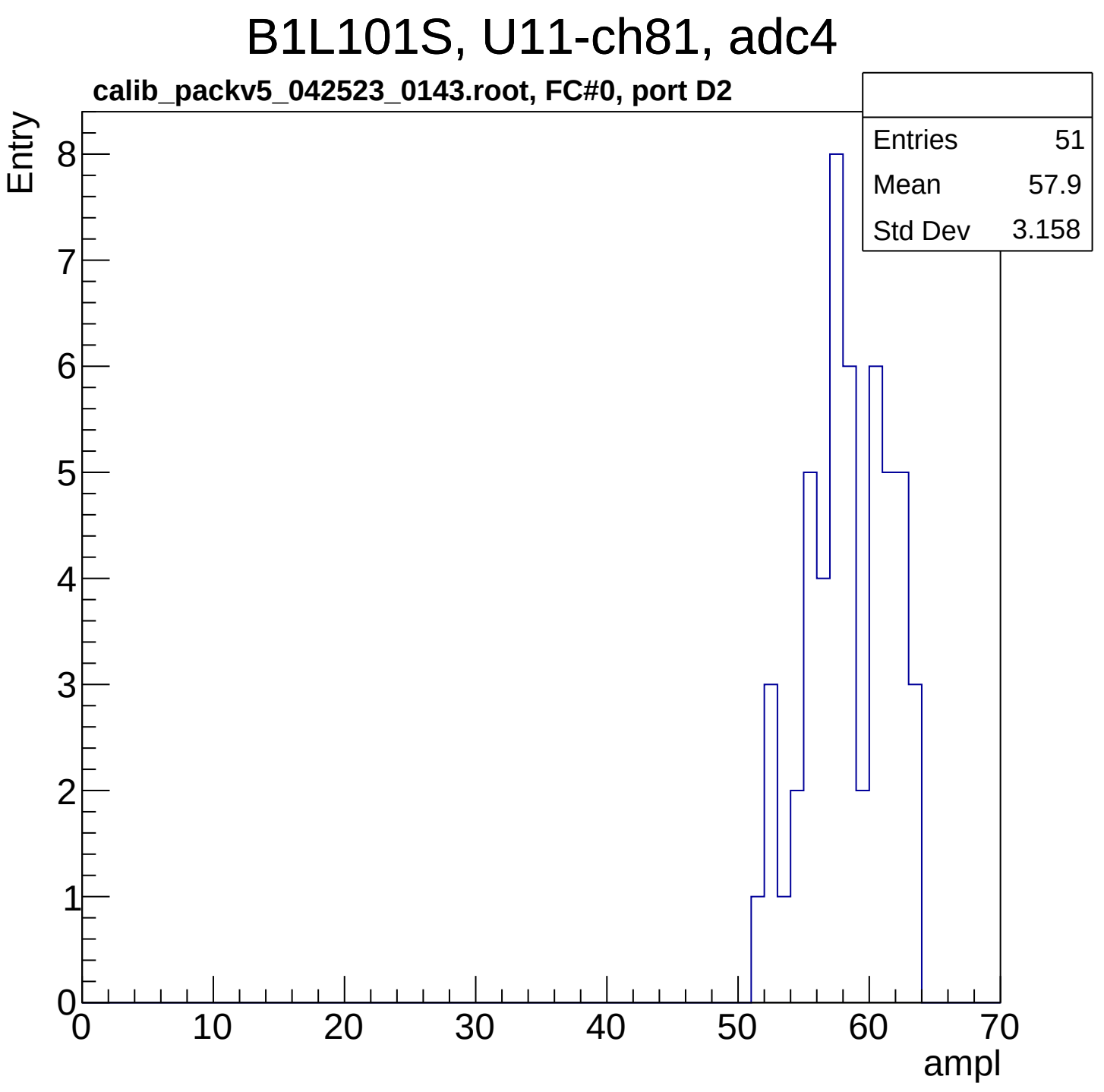
B1L101S, U11-ch81, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 57.9
Std Dev 3.158
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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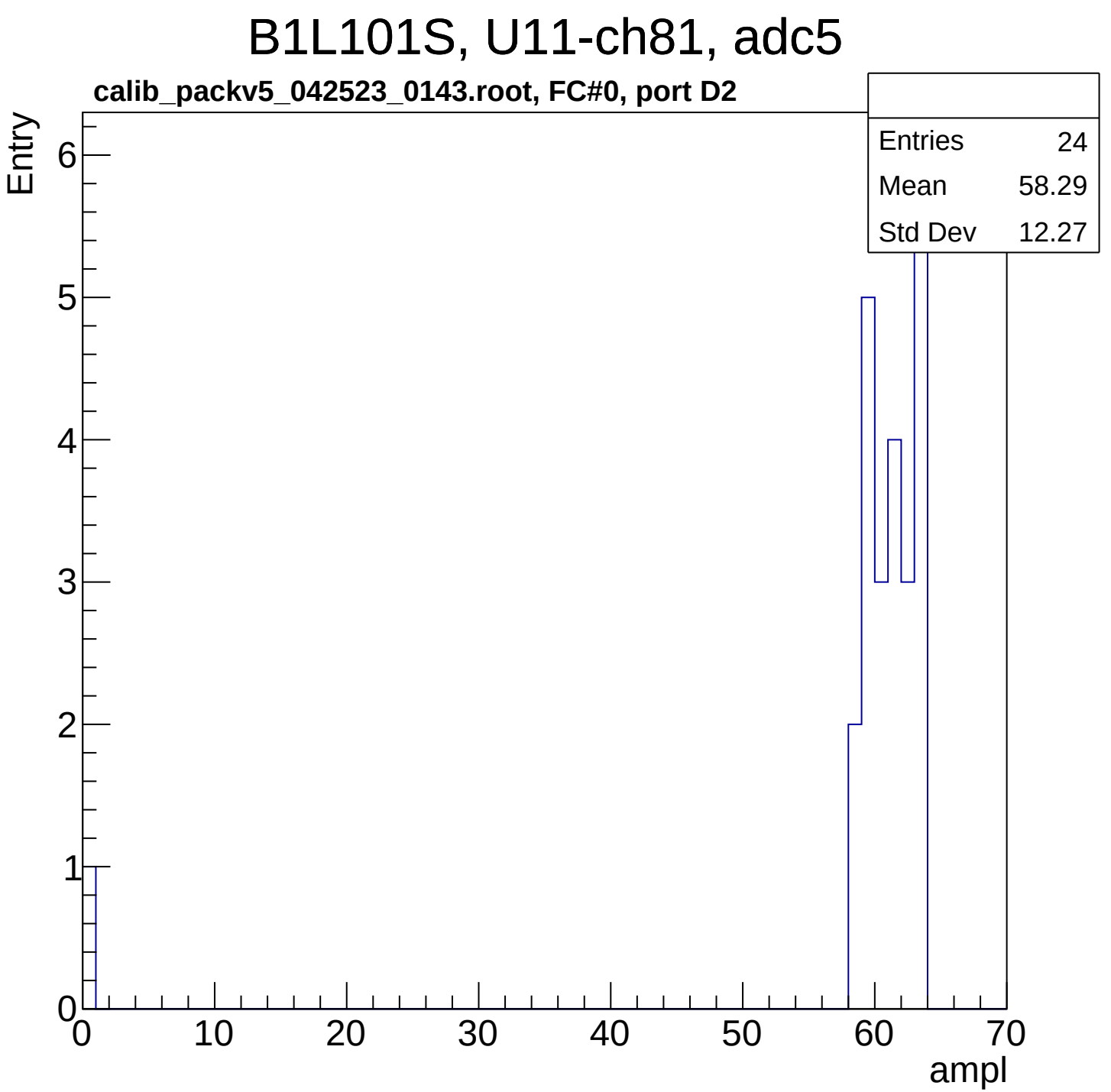
B1L101S, U11-ch81, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 24
Mean 58.29
Std Dev 12.27
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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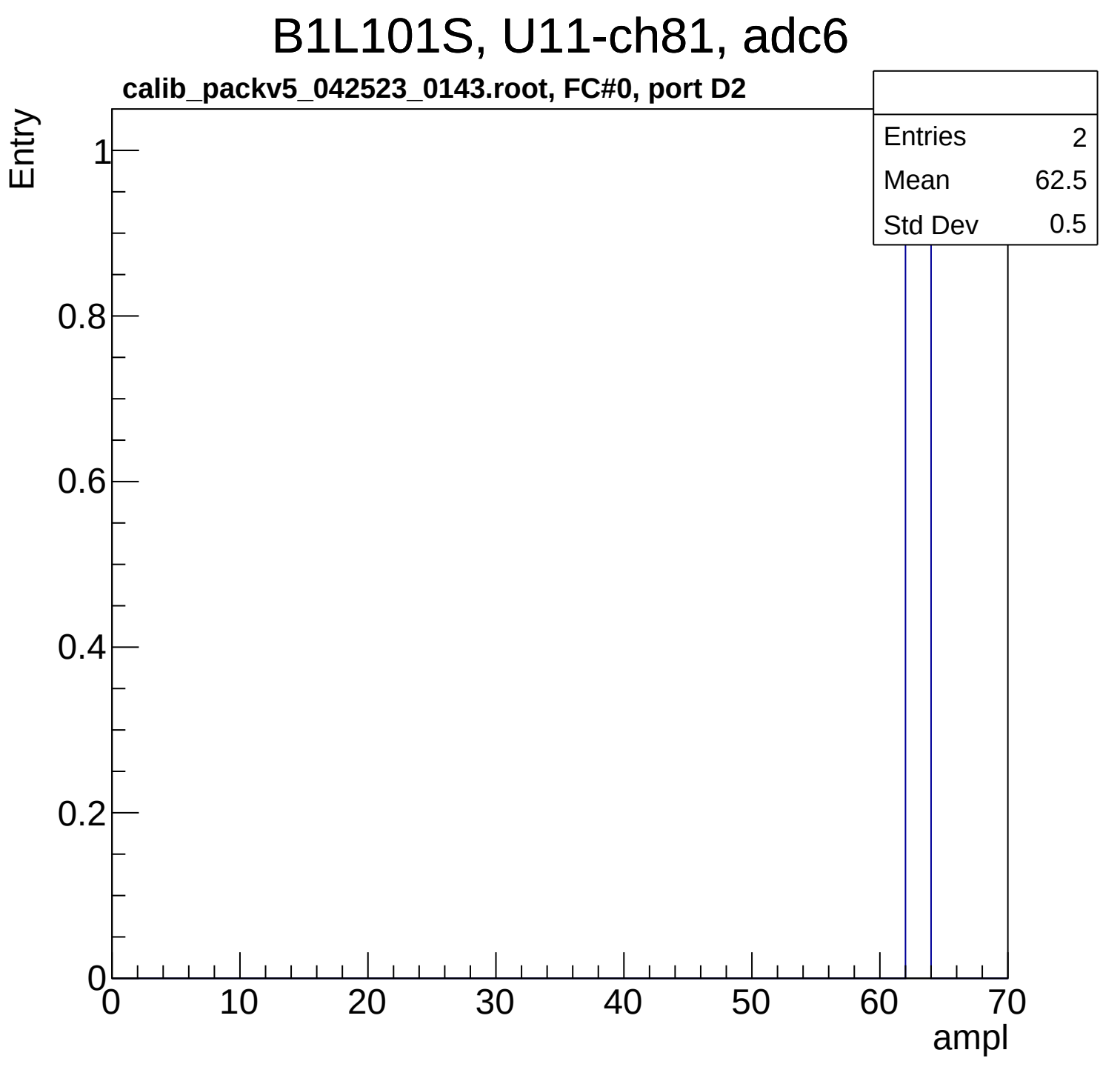
B1L101S, U11-ch81, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
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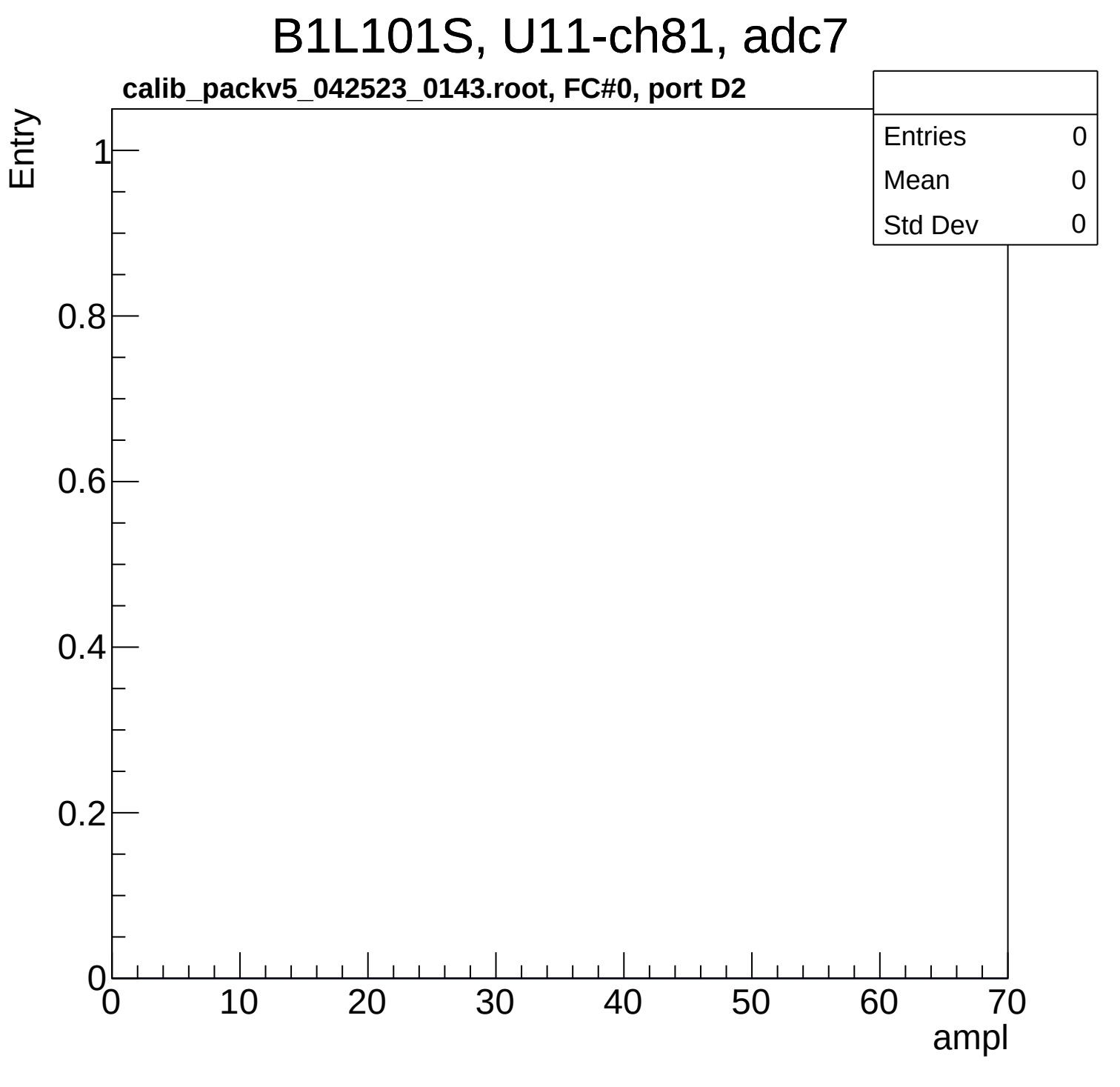
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch81, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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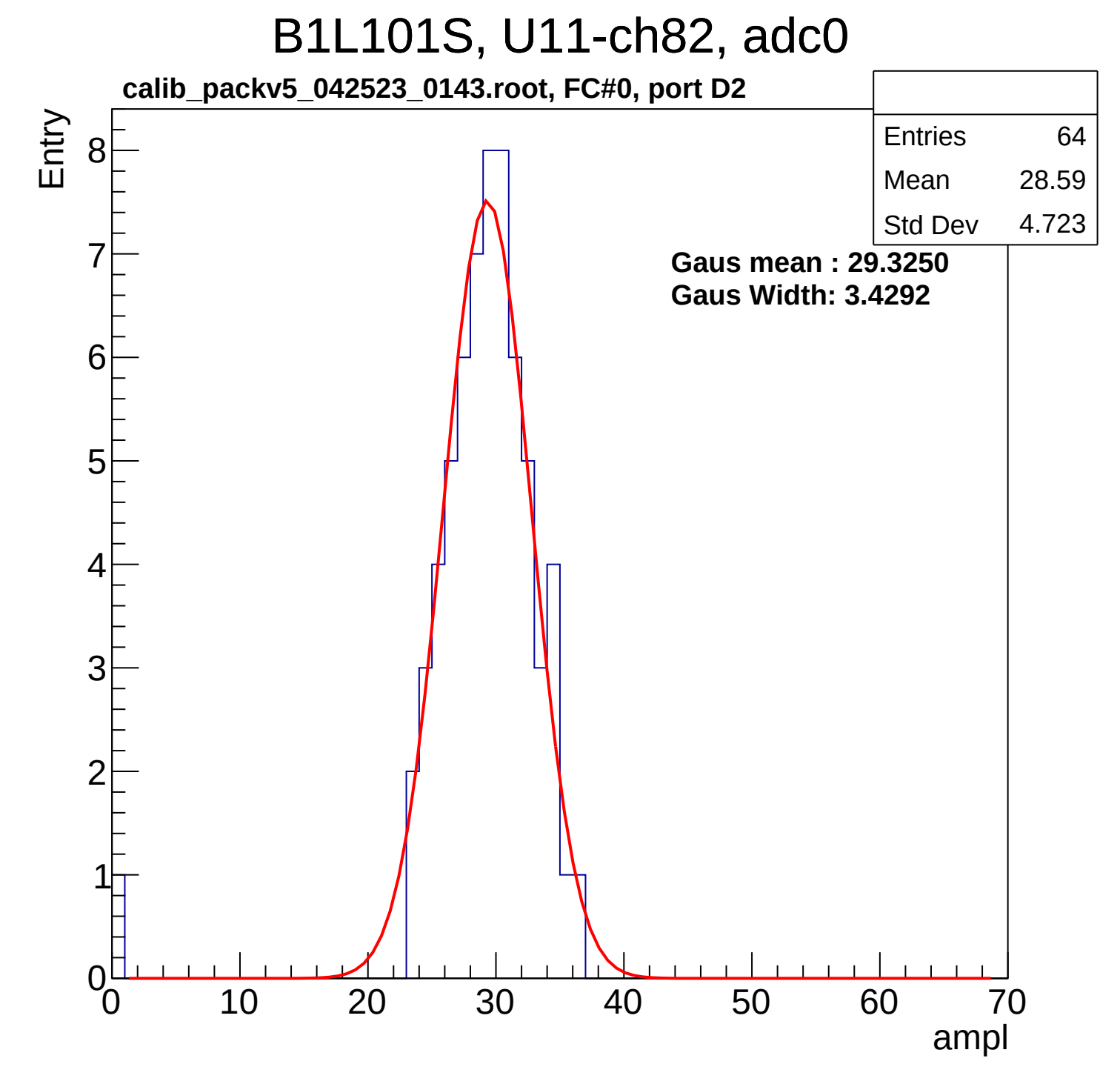
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch82, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 28.59
Std Dev 4.723
Gaus mean : 29.3250
Gaus Width: 3.4292
Entry
ampl
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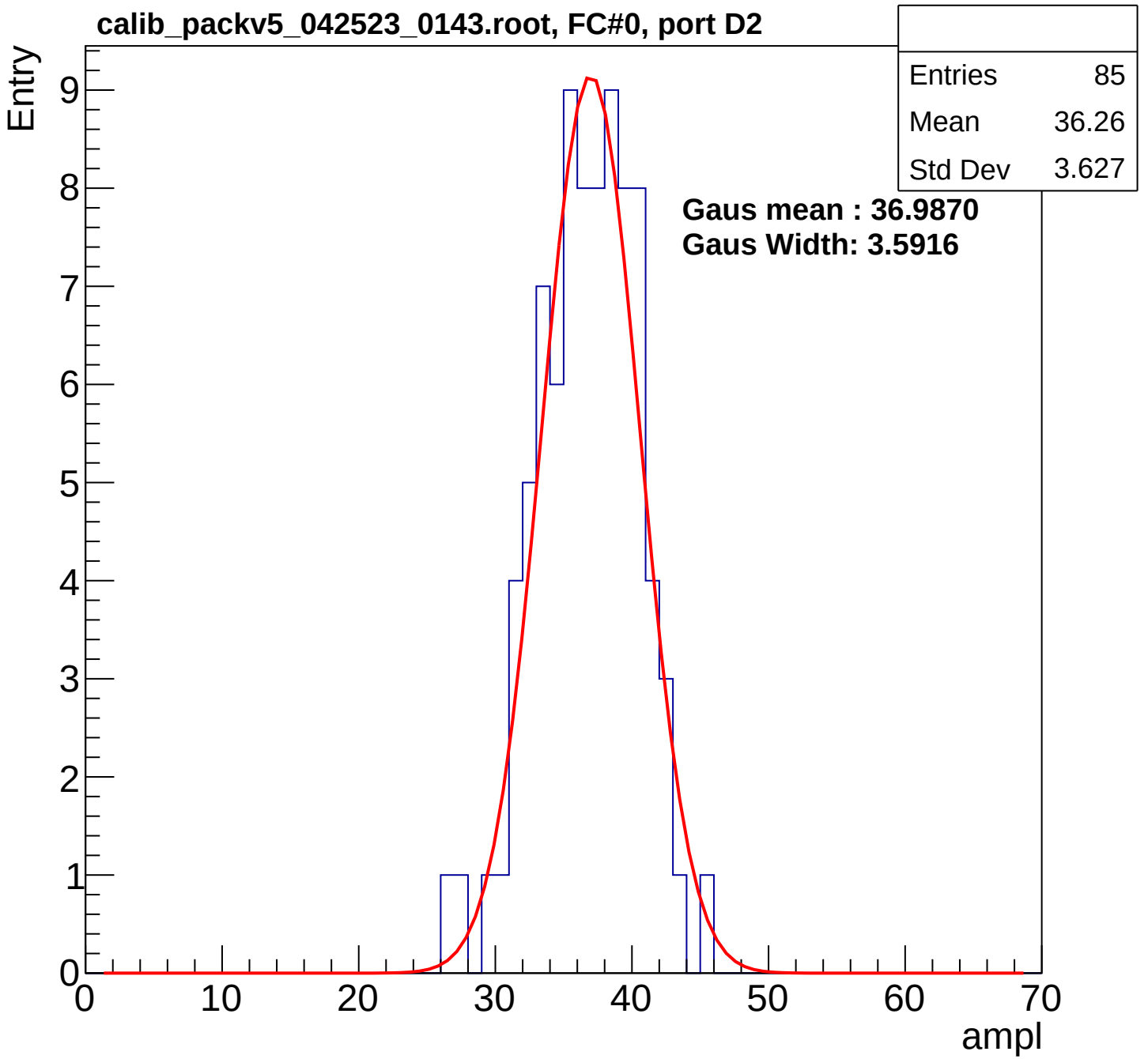
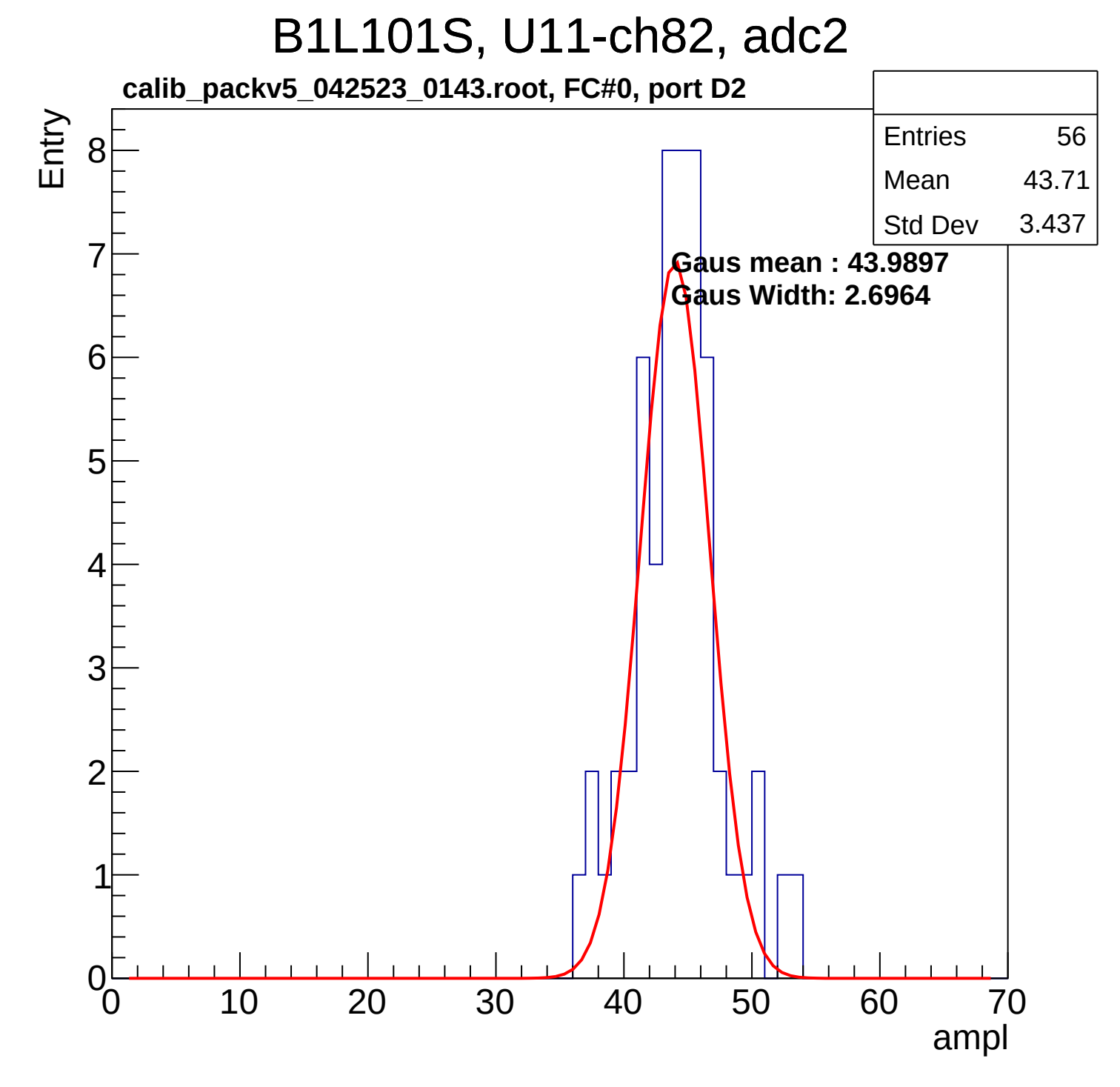
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch82, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 85
Mean 36.26
Std Dev 3.627
Gaus mean : 36.9870
Gaus Width: 3.5916
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch82, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 43.71
Std Dev 3.437
Gaus mean : 43.9897
Gaus Width: 2.6964
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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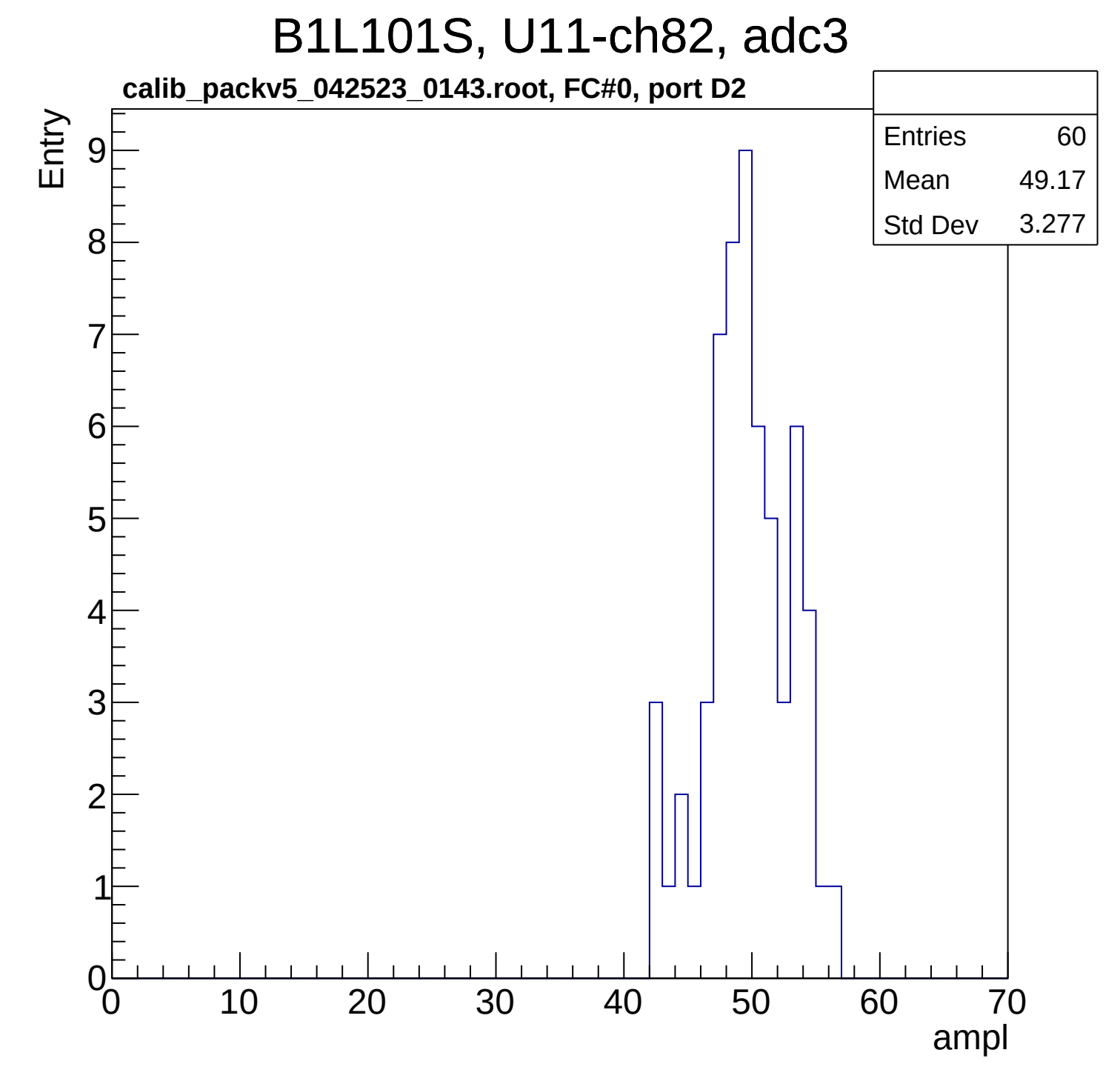
B1L101S, U11-ch82, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 49.17
Std Dev 3.277
Entry
ampl
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2
3
4
5
6
7
8
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0
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60
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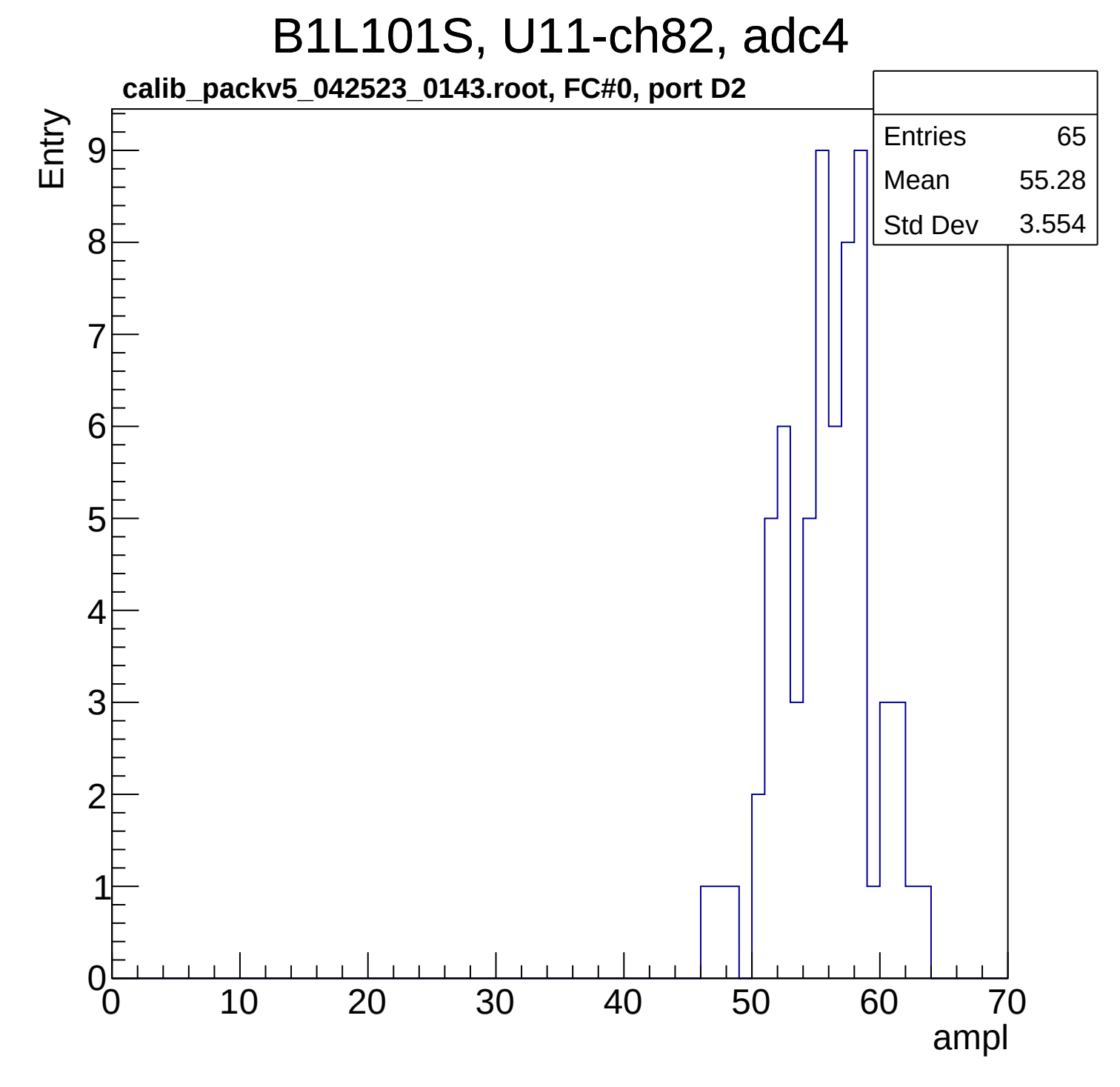
B1L101S, U11-ch82, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 55.28
Std Dev 3.554
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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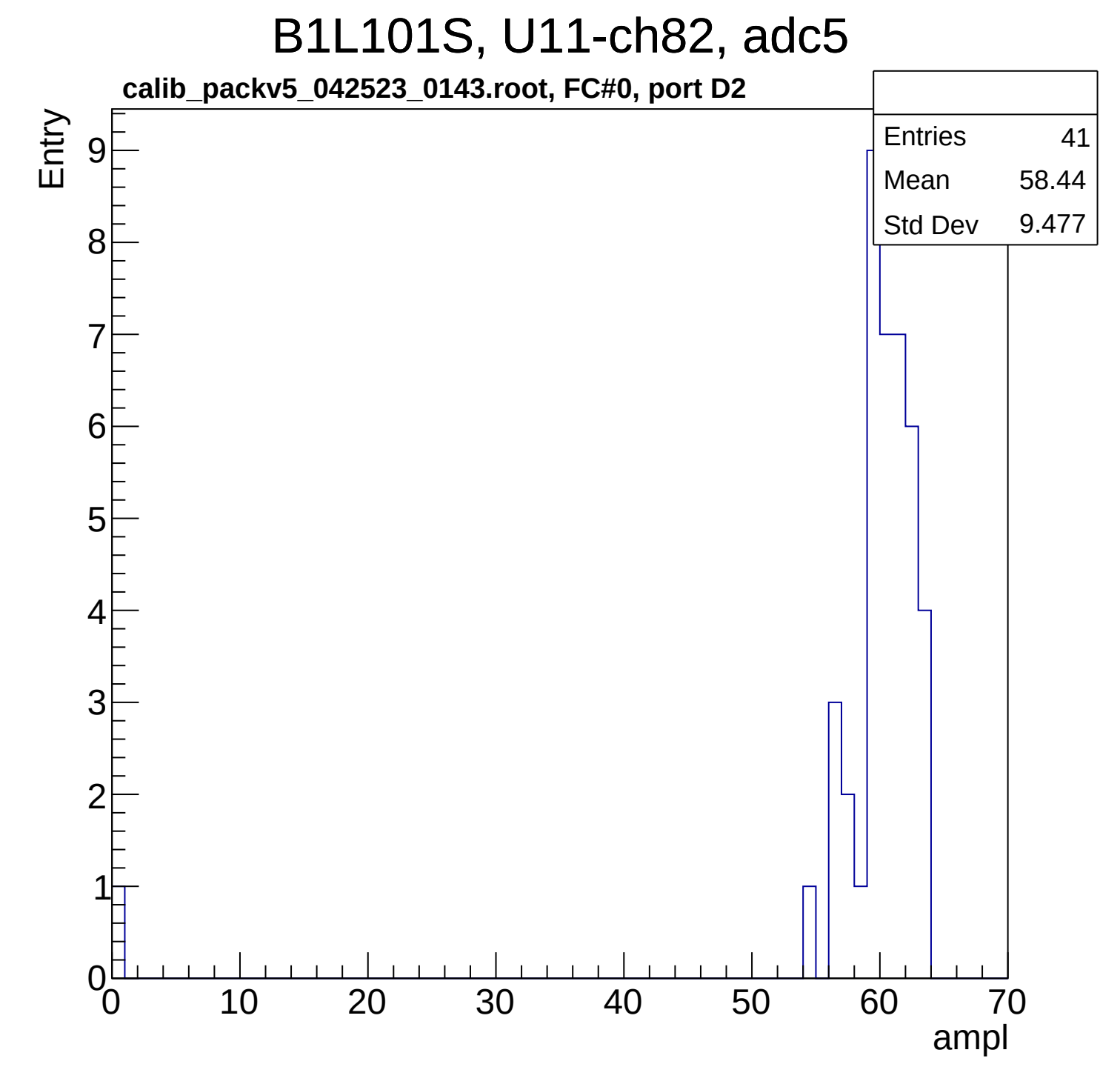
B1L101S, U11-ch82, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 41
Mean 58.44
Std Dev 9.477
Entry
ampl
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2
3
4
5
6
7
8
9
0
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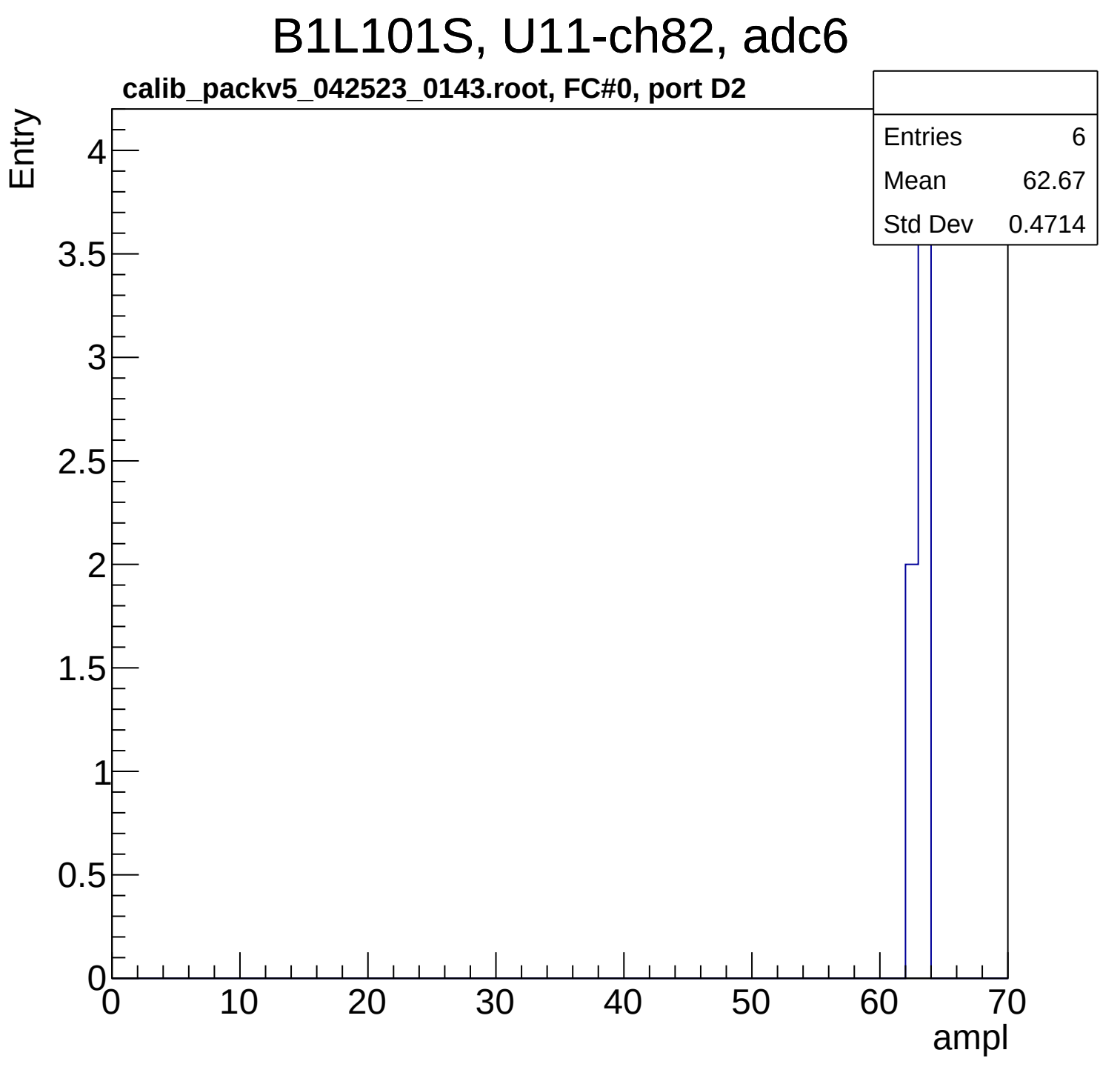
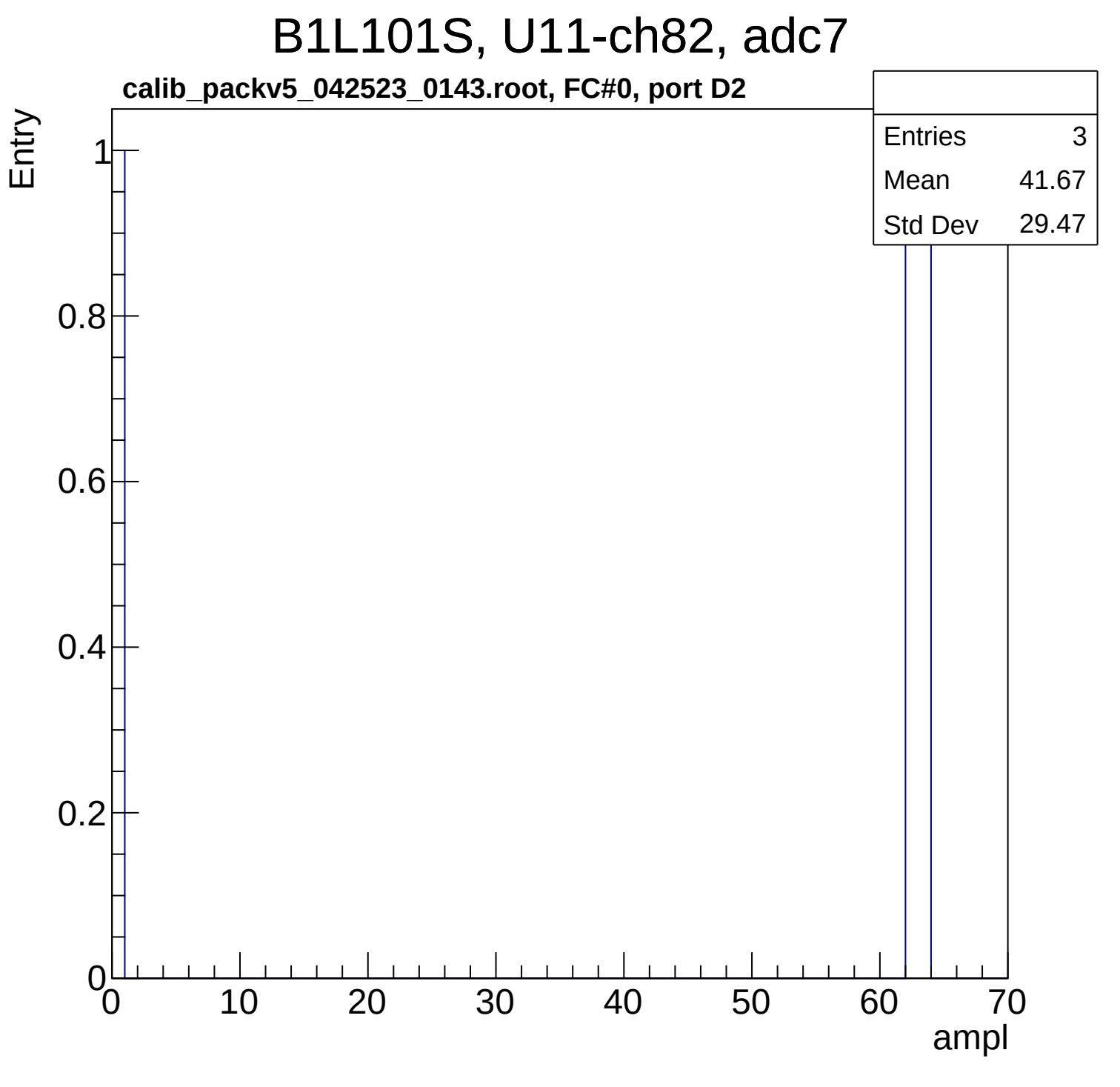

B1L101S, U11-ch82, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 6
Mean 62.67
Std Dev 0.4714
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L101S, U11-ch82, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 41.67
Std Dev 29.47
Entry
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0.6
0.4
0.2
0
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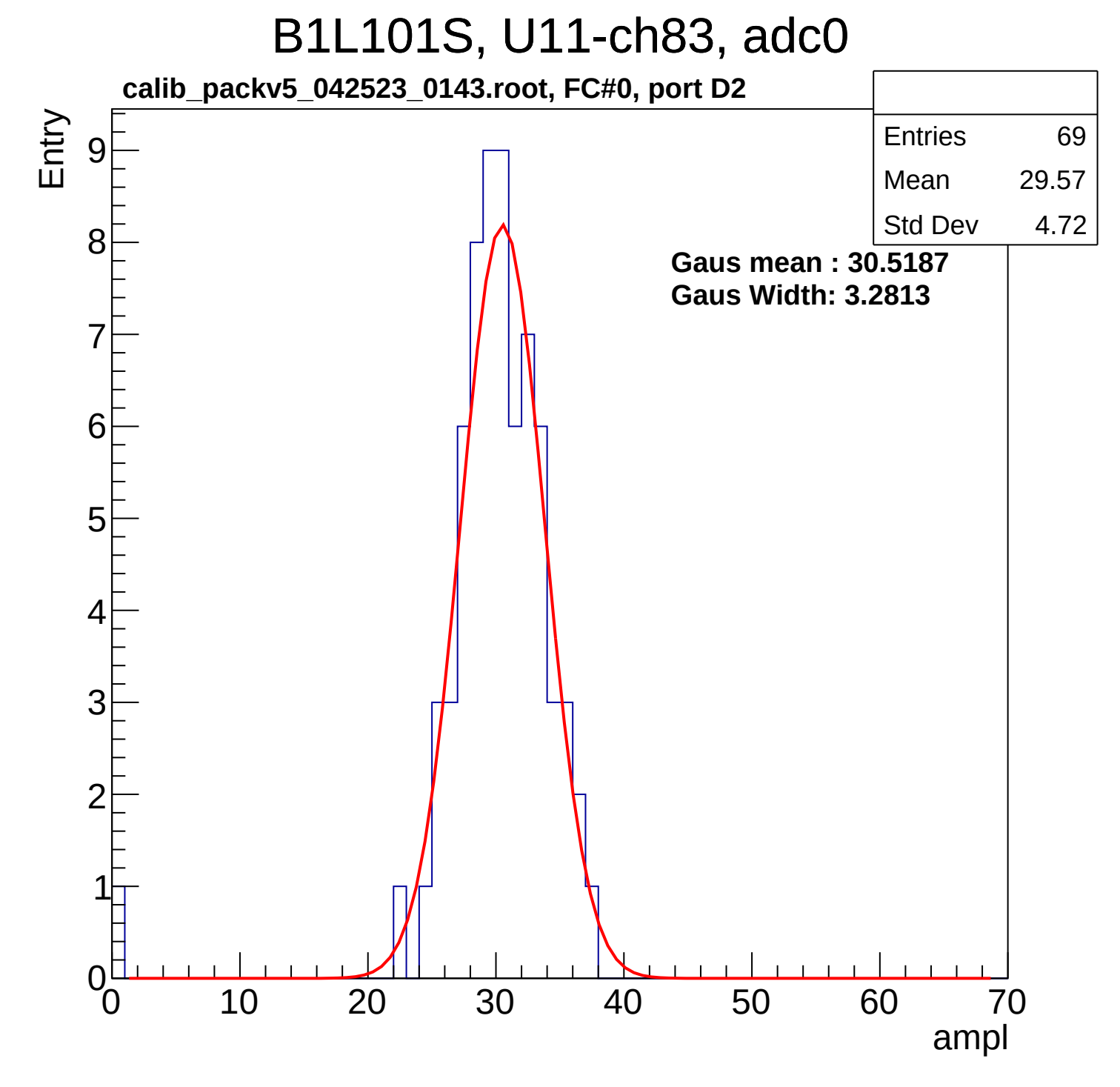
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch83, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 29.57
Std Dev 4.72
Gaus mean : 30.5187
Gaus Width: 3.2813
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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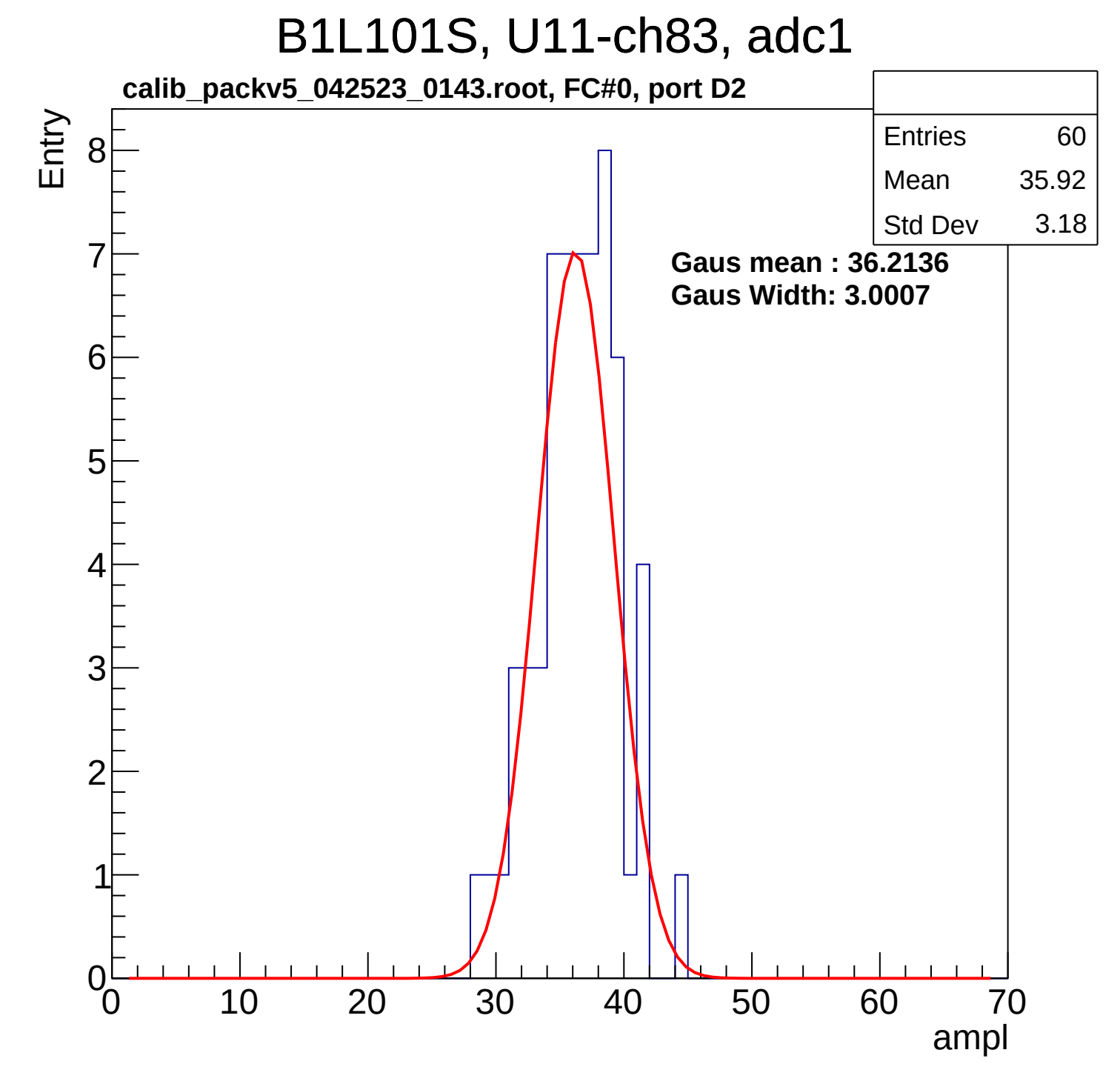
60
70


B1L101S, U11-ch83, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 35.92
Std Dev 3.18
Gaus mean : 36.2136
Gaus Width: 3.0007
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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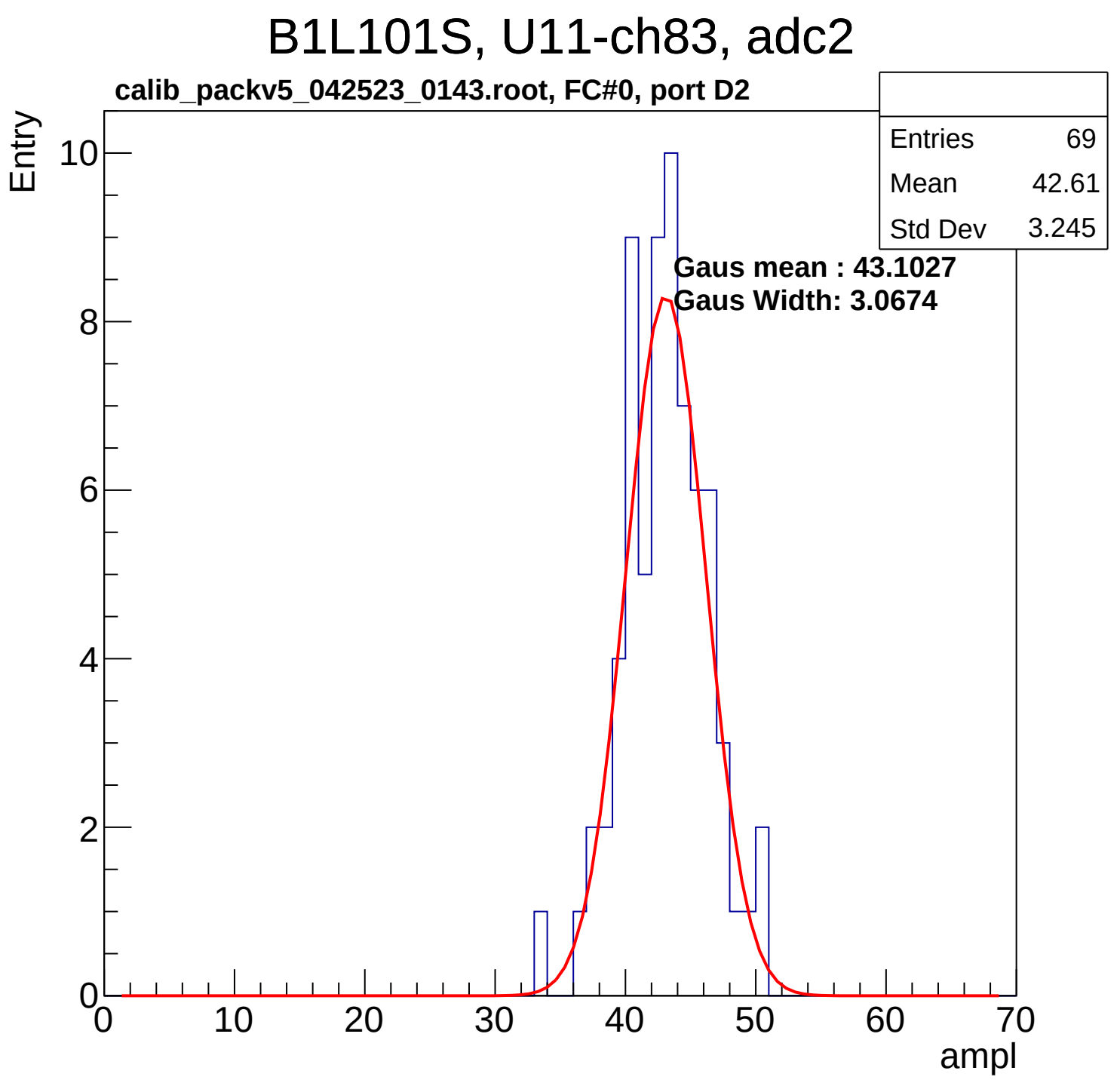
B1L101S, U11-ch83, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 42.61
Std Dev 3.245
Gaus mean : 43.1027
Gaus Width: 3.0674
Entry
ampl
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2
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6
8
10
0
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20
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40
50
60
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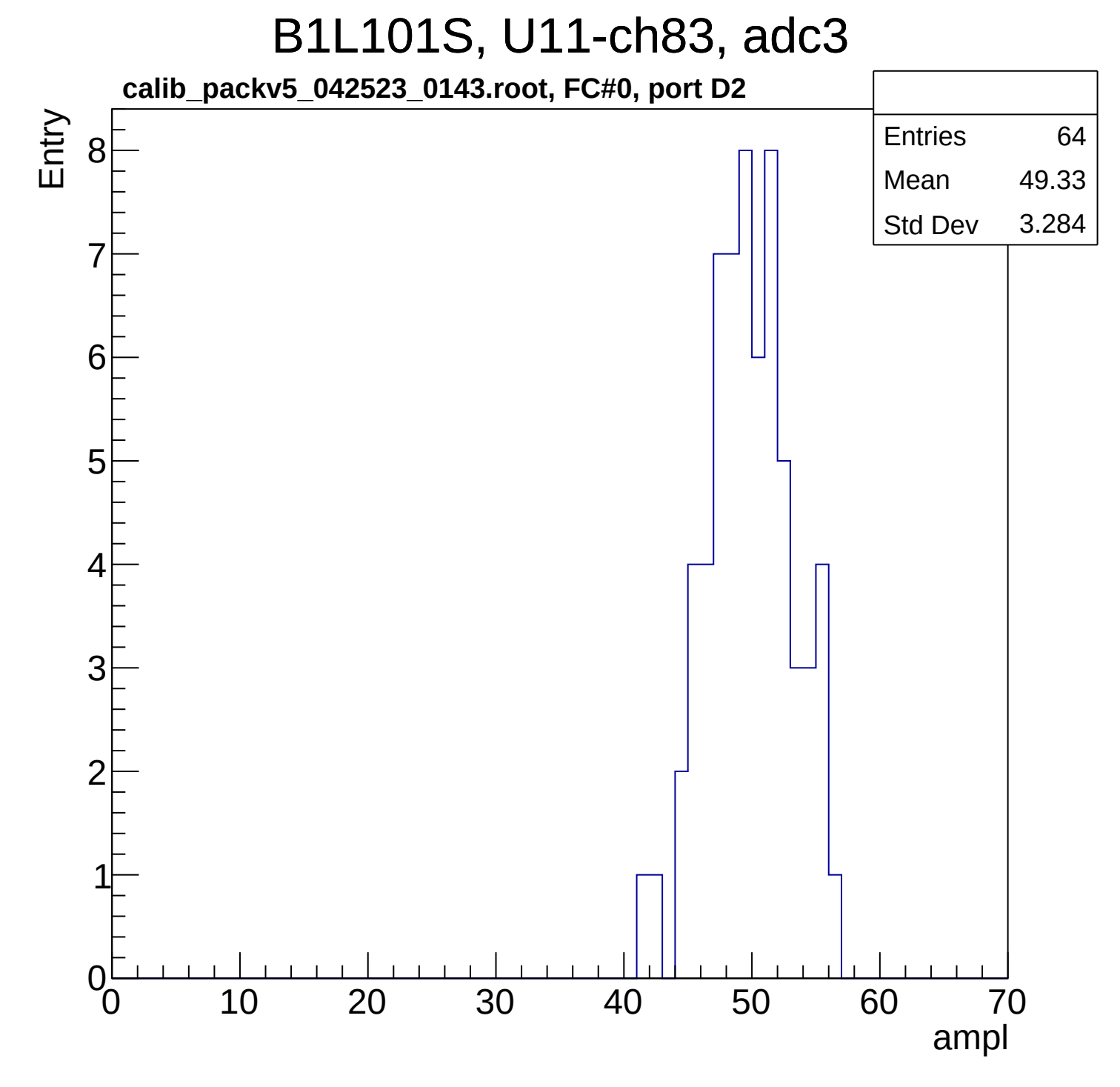
B1L101S, U11-ch83, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 49.33
Std Dev 3.284
Entry
ampl
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40
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60
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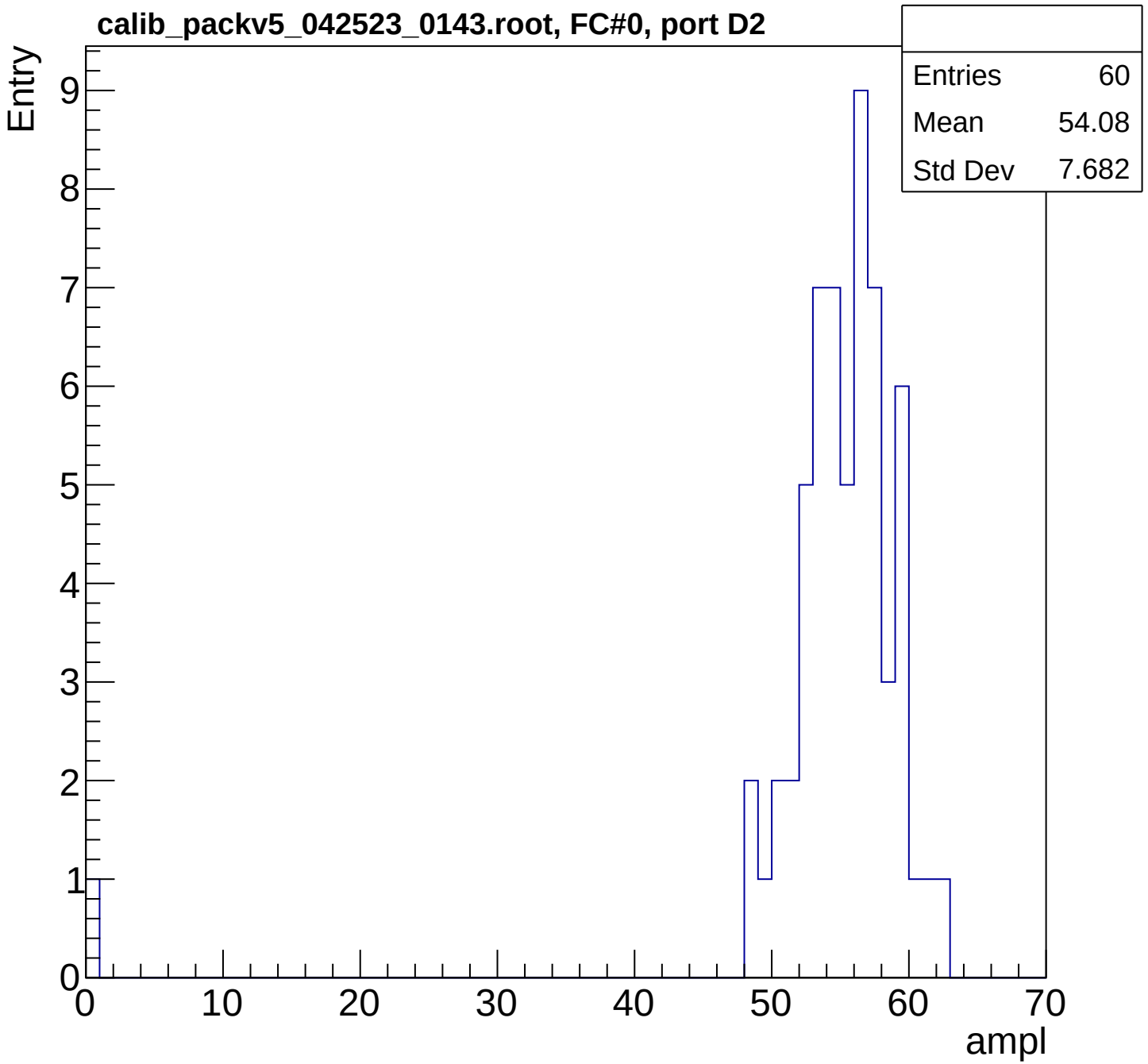
B1L101S, U11-ch83, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 54.08
Std Dev 7.682
Entry
ampl
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5
6
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0
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60
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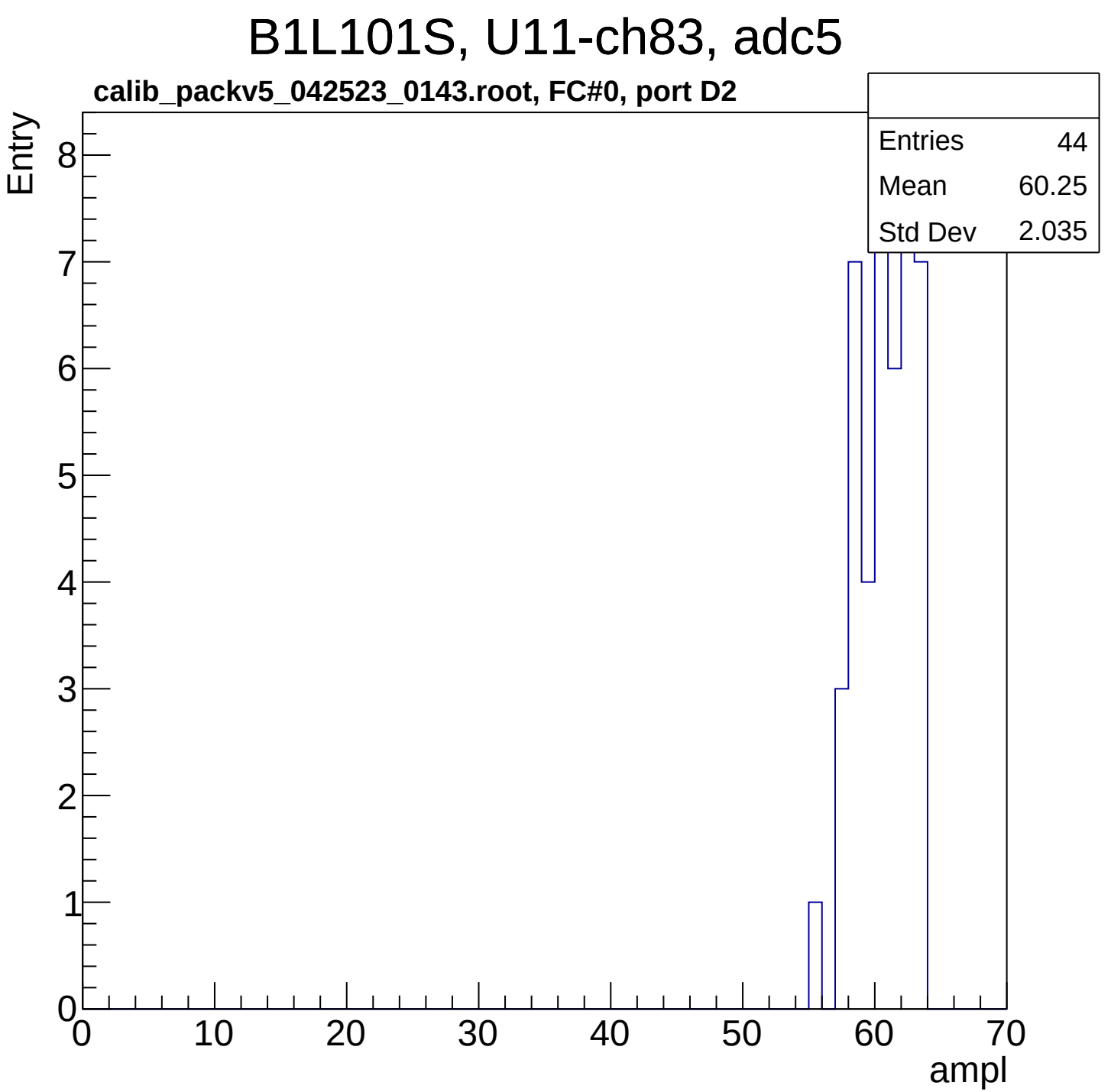
B1L101S, U11-ch83, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 44
Mean 60.25
Std Dev 2.035
Entry
ampl
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1
2
3
4
5
6
7
8
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20
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40
50
60
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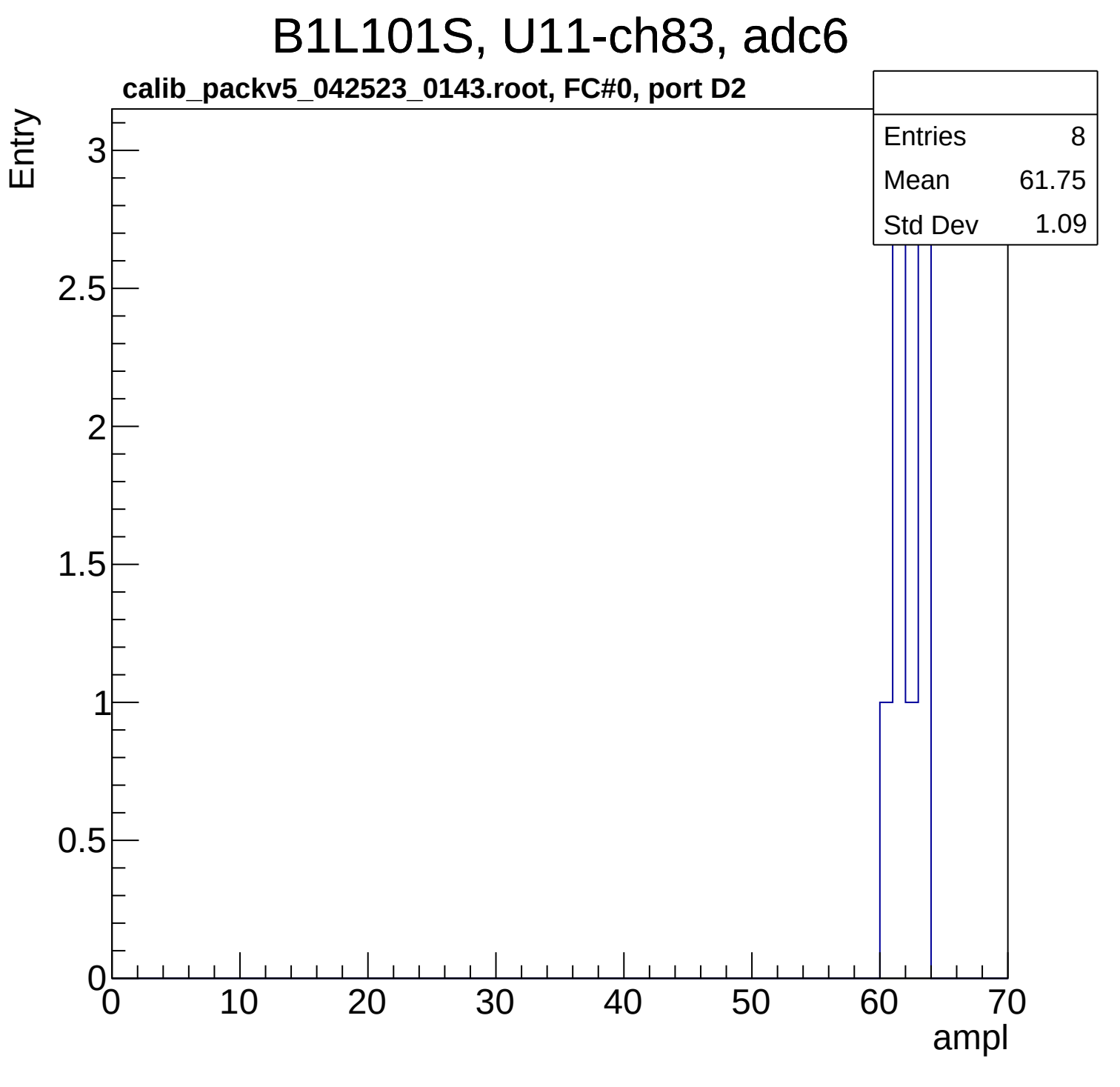
B1L101S, U11-ch83, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 8
Mean 61.75
Std Dev 1.09
Entry
ampl
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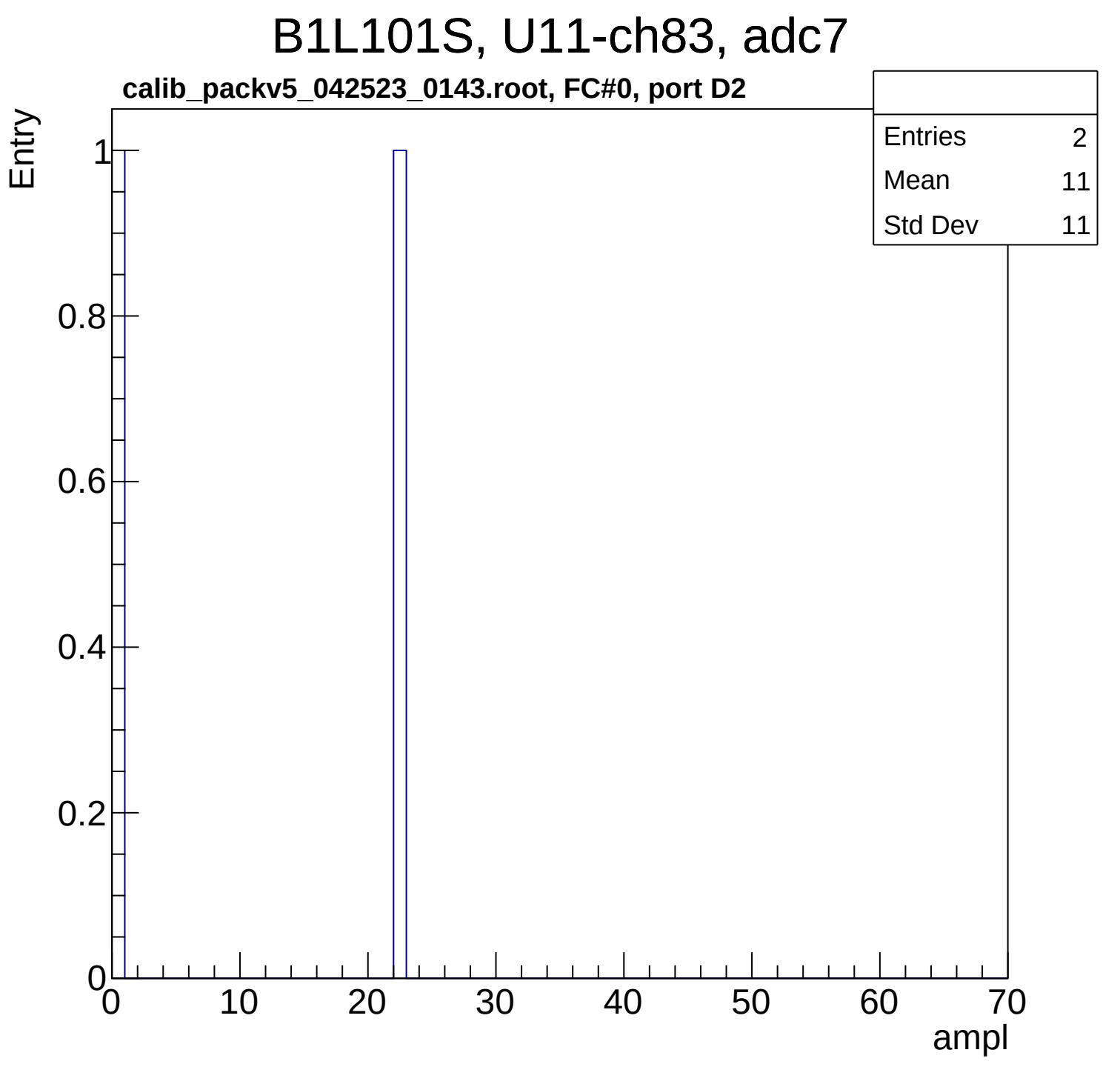
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L101S, U11-ch83, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 11
Std Dev 11
Entry
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0.6
0.4
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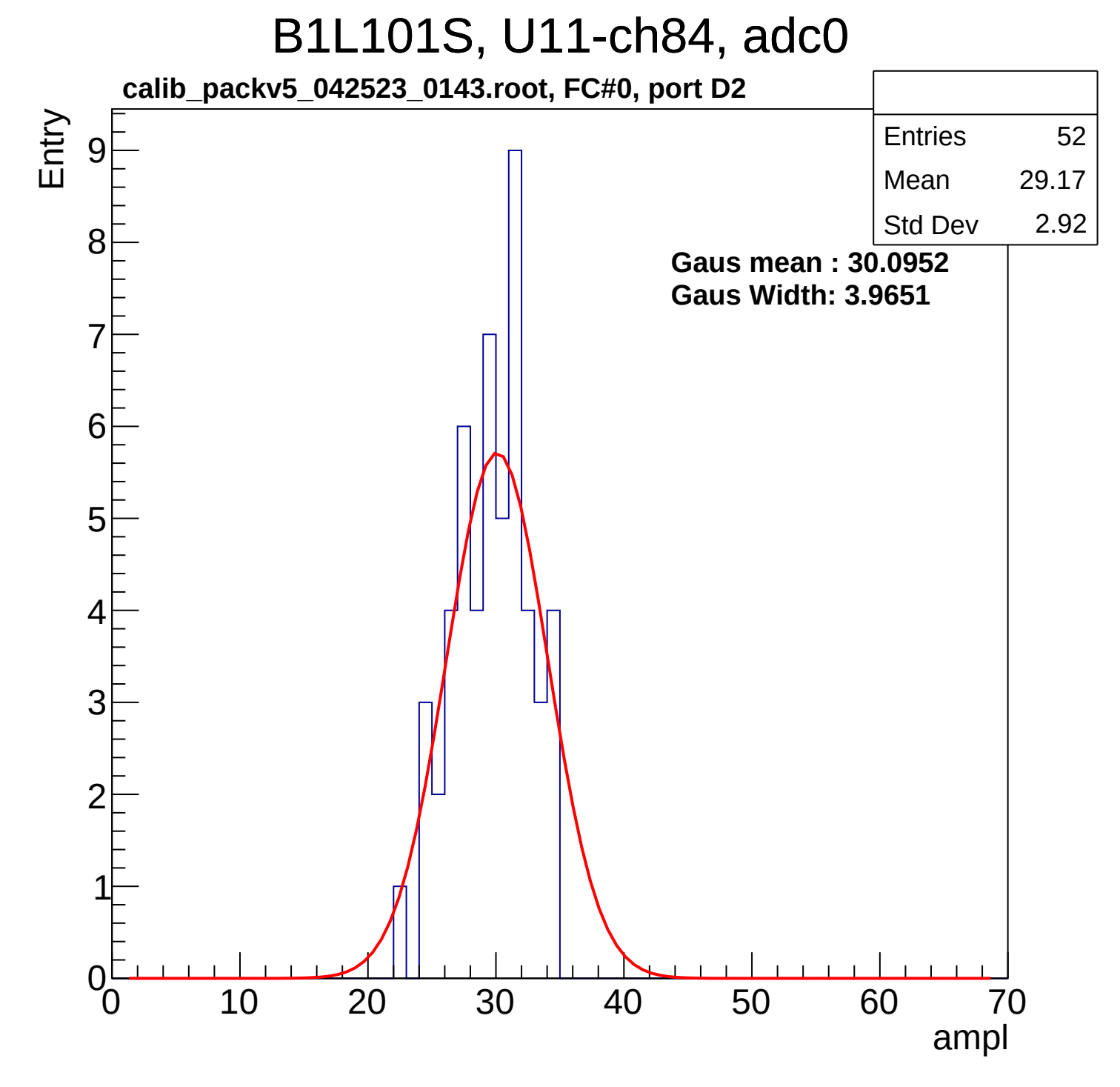
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch84, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 29.17
Std Dev 2.92
Gaus mean : 30.0952
Gaus Width: 3.9651
Entry
ampl
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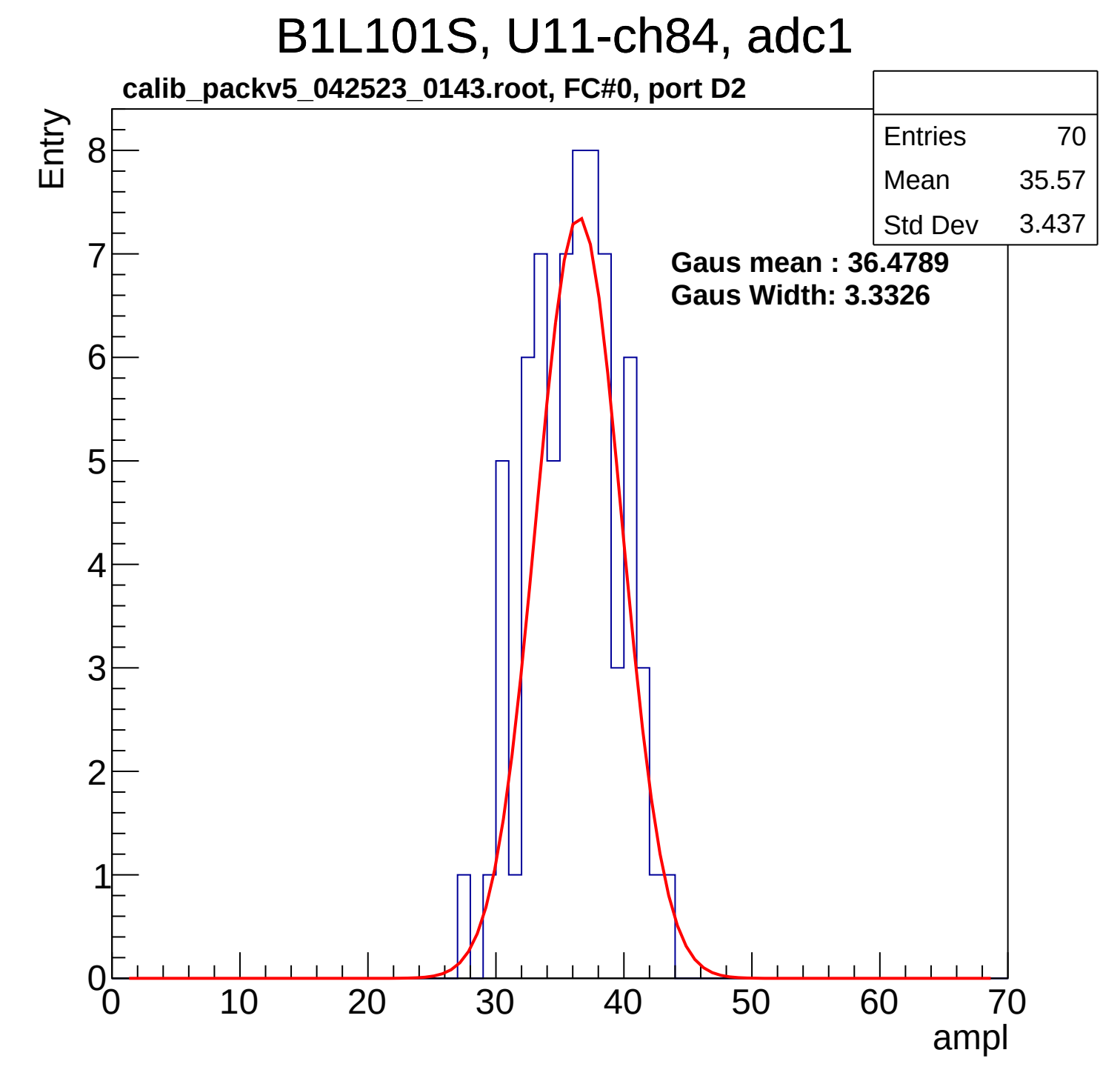
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch84, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 35.57
Std Dev 3.437
Gaus mean : 36.4789
Gaus Width: 3.3326
Entry
ampl
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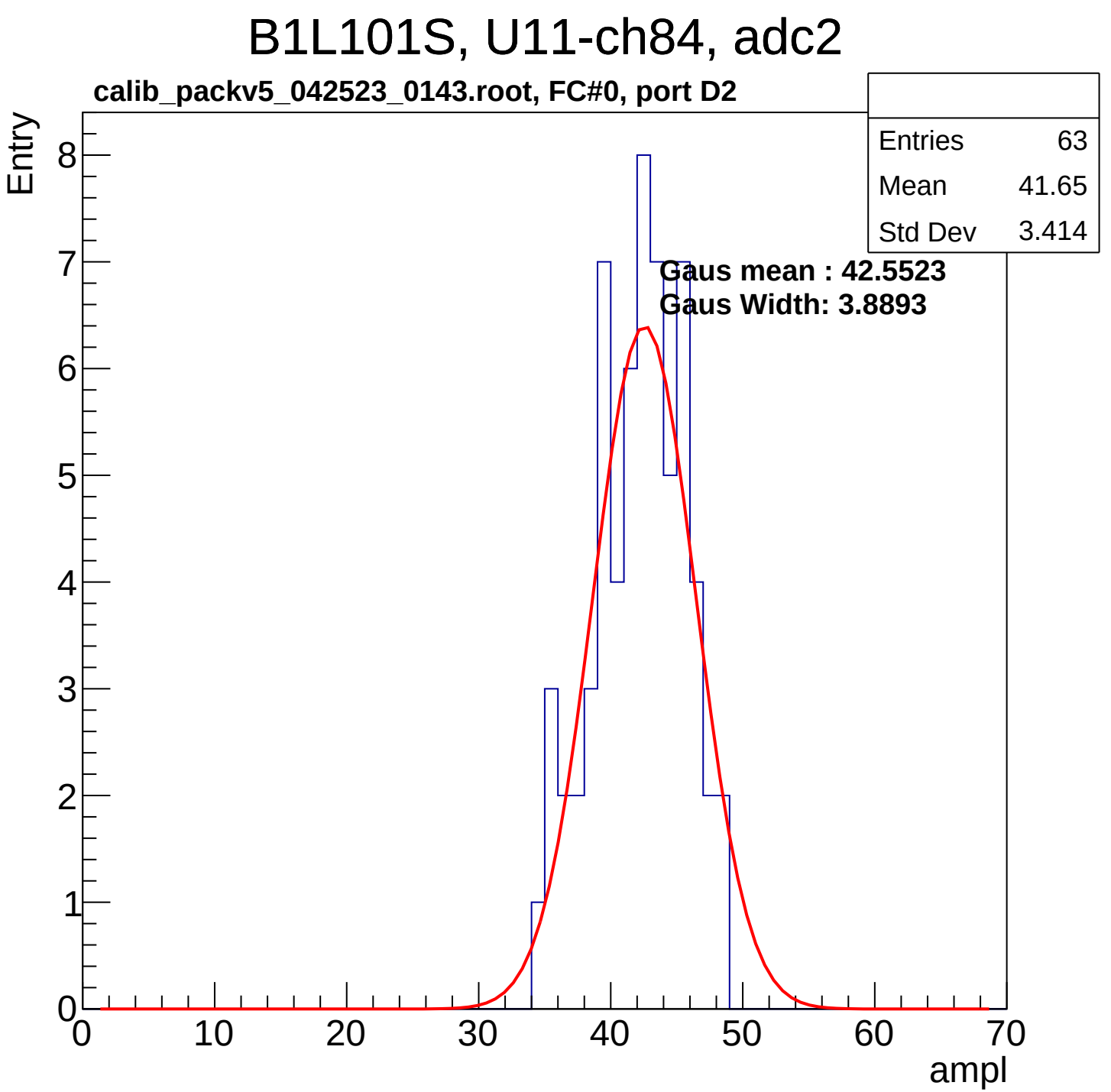
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch84, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 41.65
Std Dev 3.414
Gaus mean : 42.5523
Gaus Width: 3.8893
Entry
ampl
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1
2
3
4
5
6
7
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0
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40
50
60
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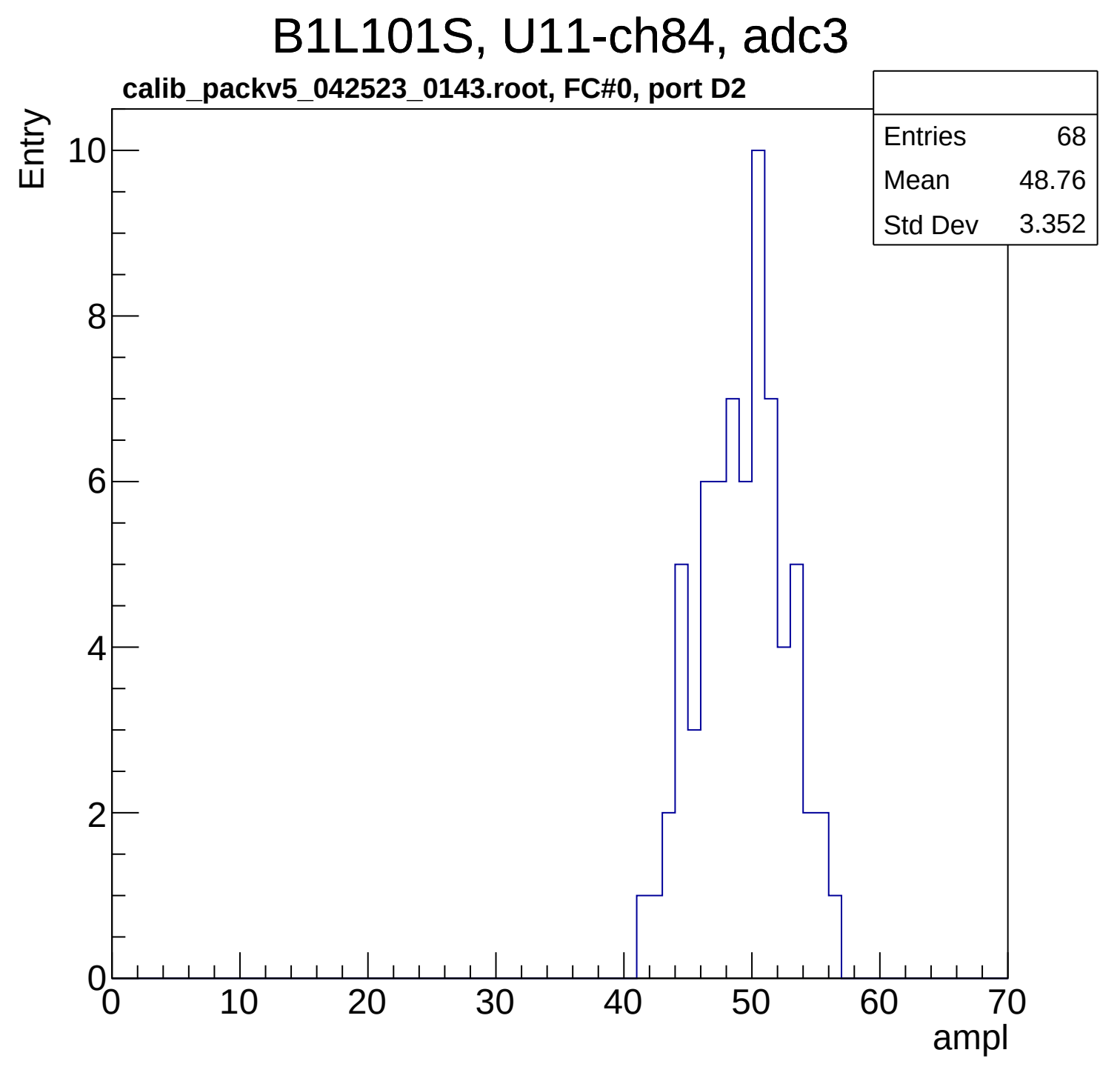
B1L101S, U11-ch84, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 48.76
Std Dev 3.352
Entry
ampl
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8
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40
50
60
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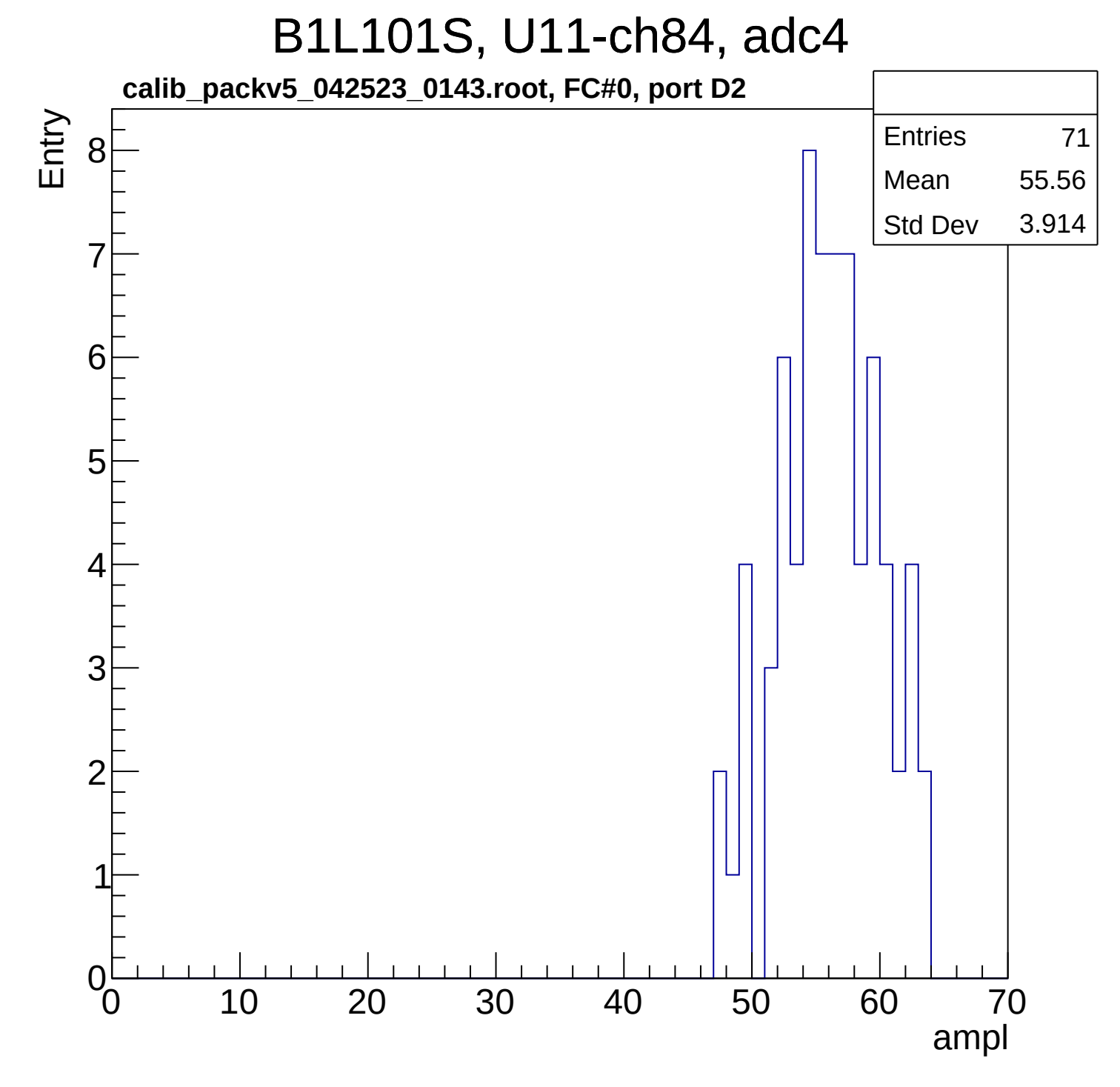
B1L101S, U11-ch84, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 55.56
Std Dev 3.914
Entry
ampl
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2
3
4
5
6
7
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0
10
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40
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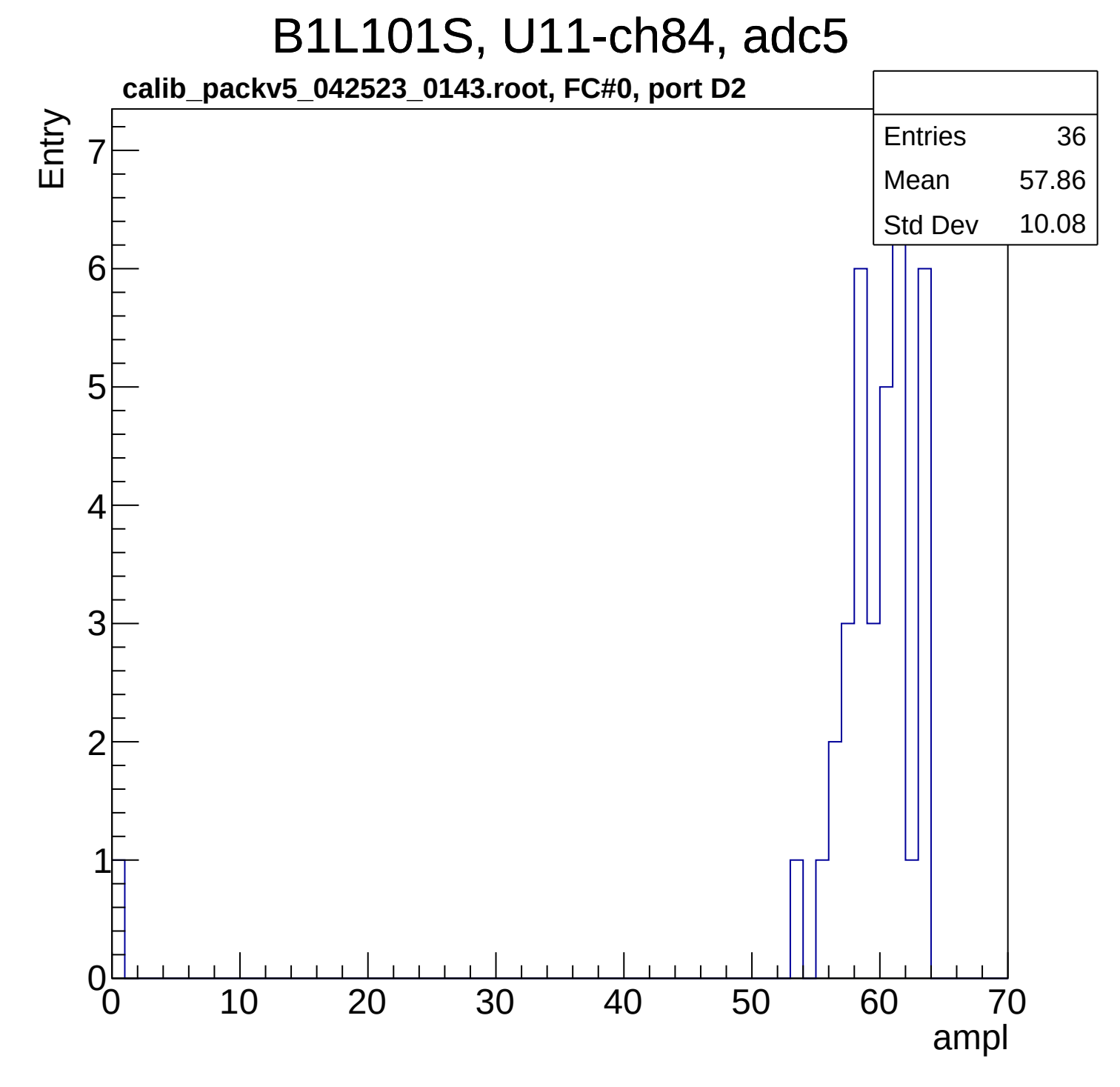
B1L101S, U11-ch84, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 36
Mean 57.86
Std Dev 10.08
Entry
ampl
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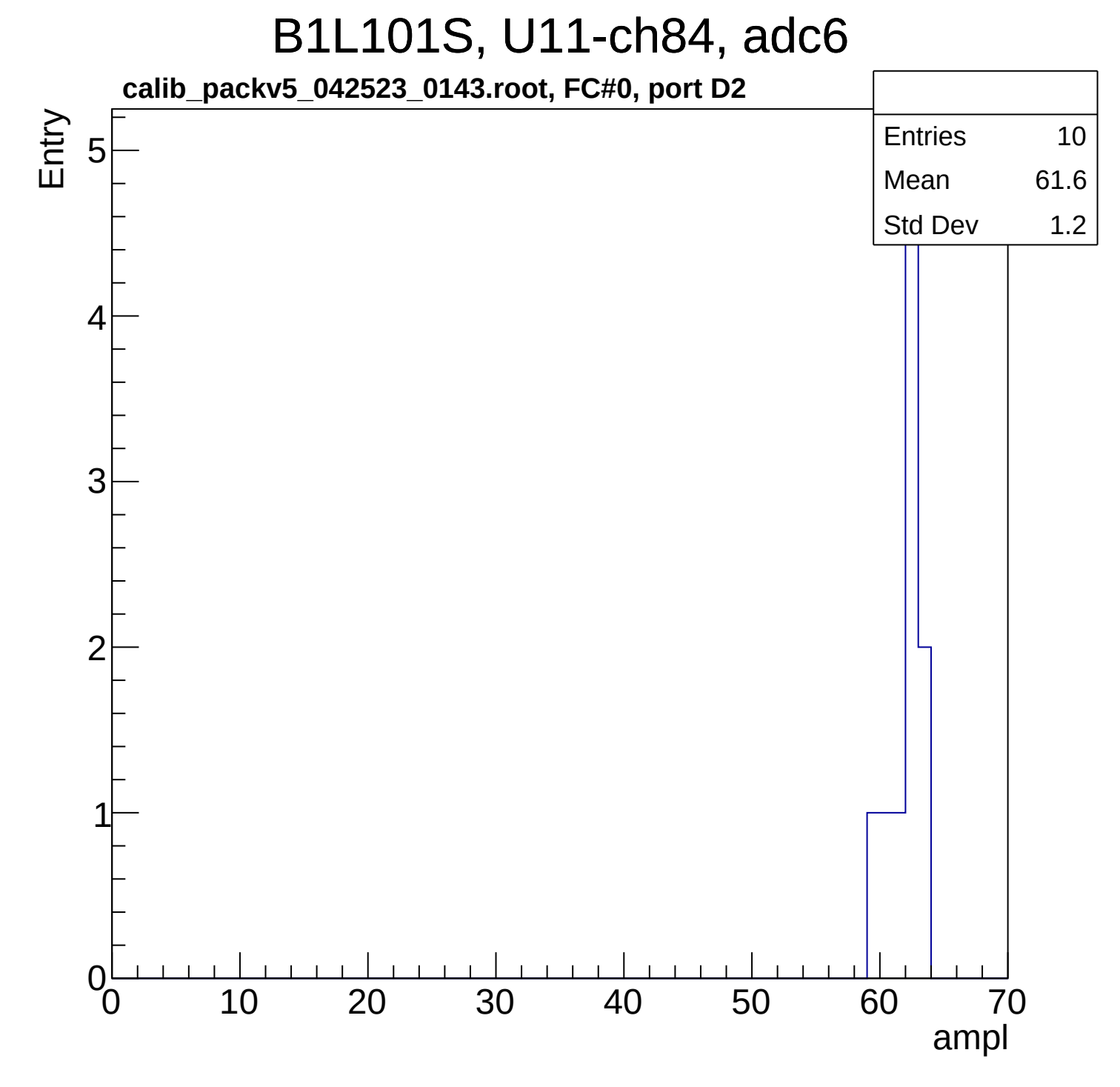
B1L101S, U11-ch84, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 10
Mean 61.6
Std Dev 1.2
Entry
ampl
0
1
2
3
4
5
0
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60
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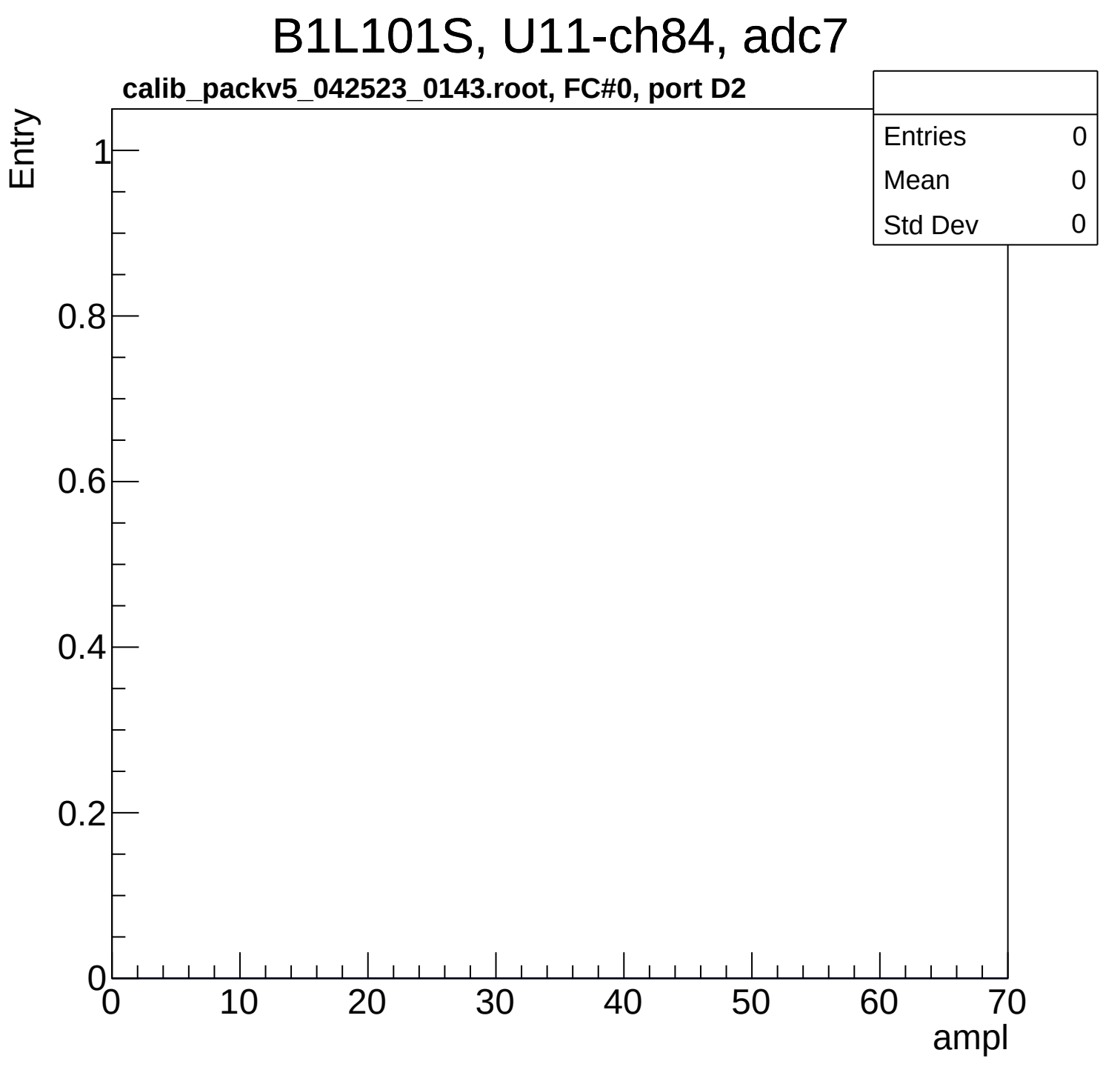
B1L101S, U11-ch84, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
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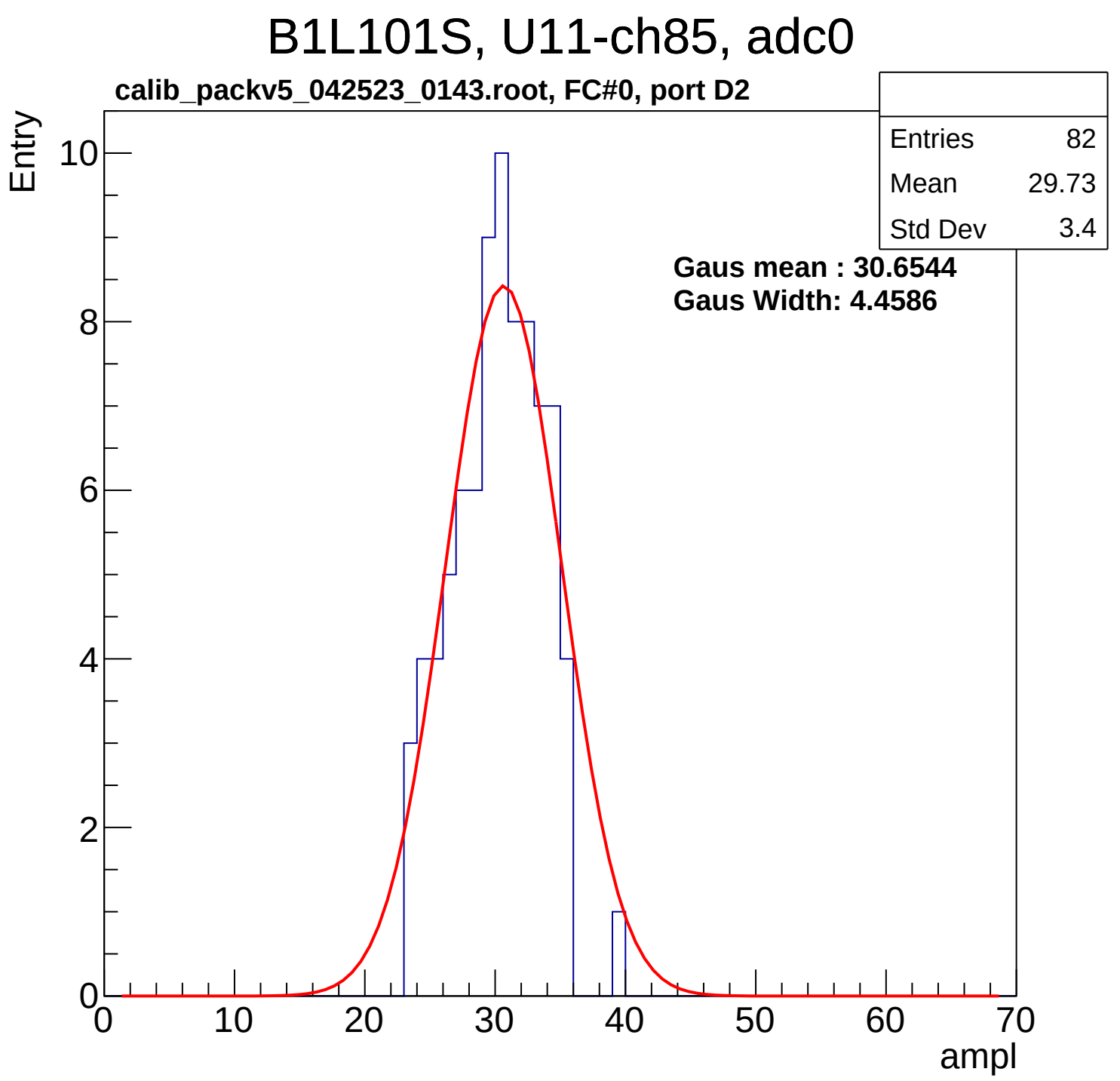
40
50
60
70
ampl


B1L101S, U11-ch85, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 82
Mean 29.73
Std Dev 3.4
Gaus mean : 30.6544
Gaus Width: 4.4586
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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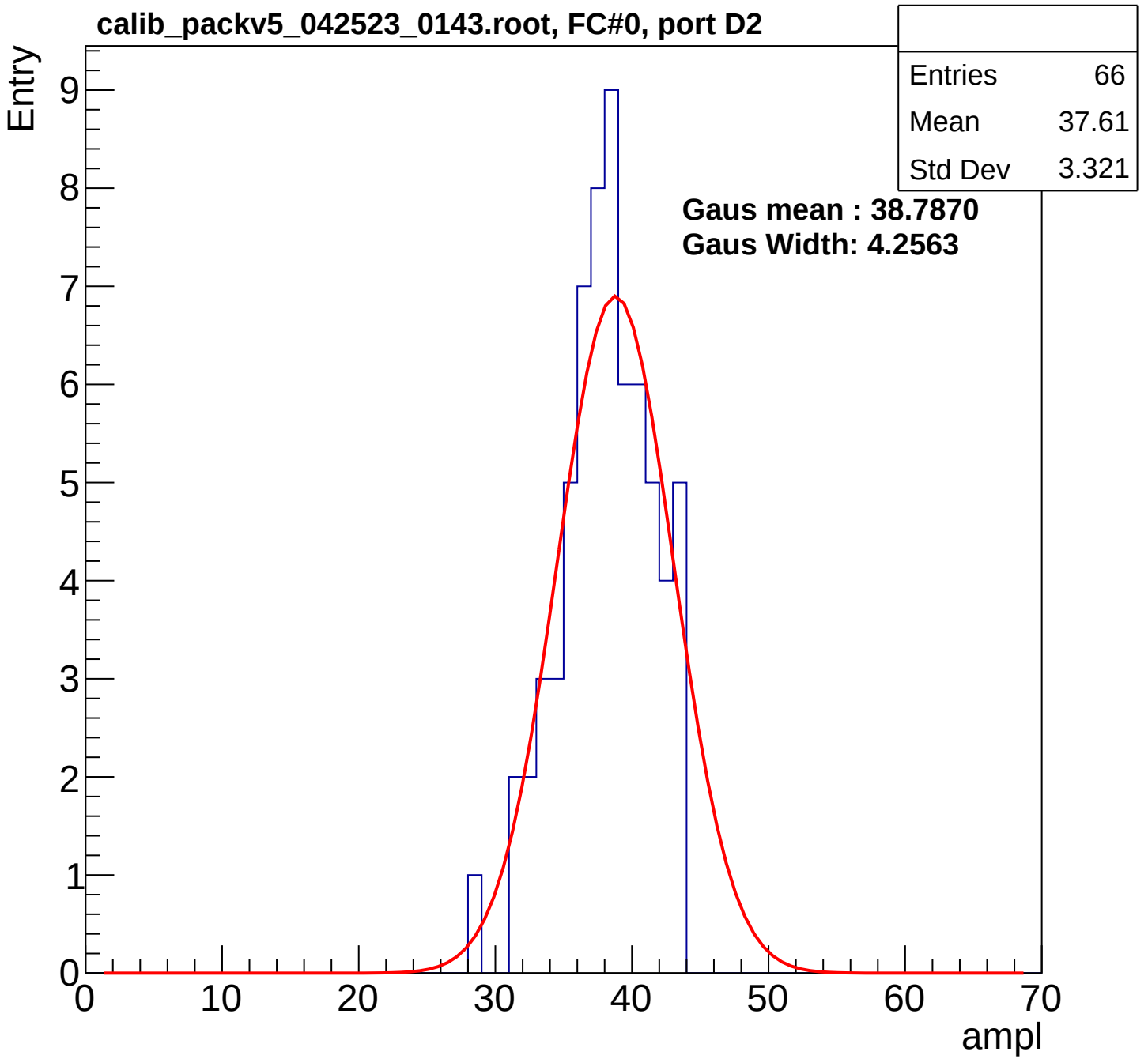
B1L101S, U11-ch85, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 37.61
Std Dev 3.321
Gaus mean : 38.7870
Gaus Width: 4.2563
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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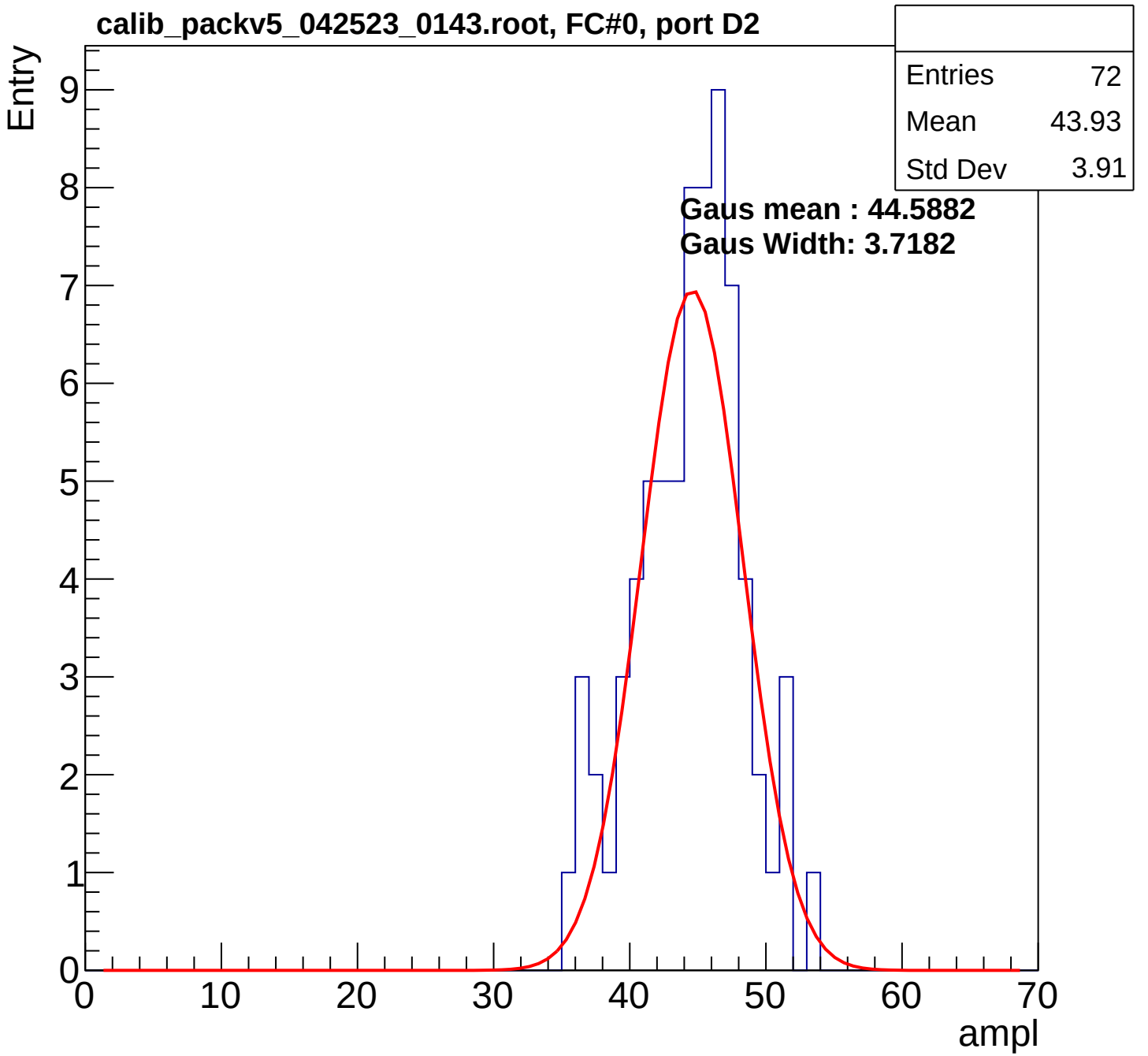
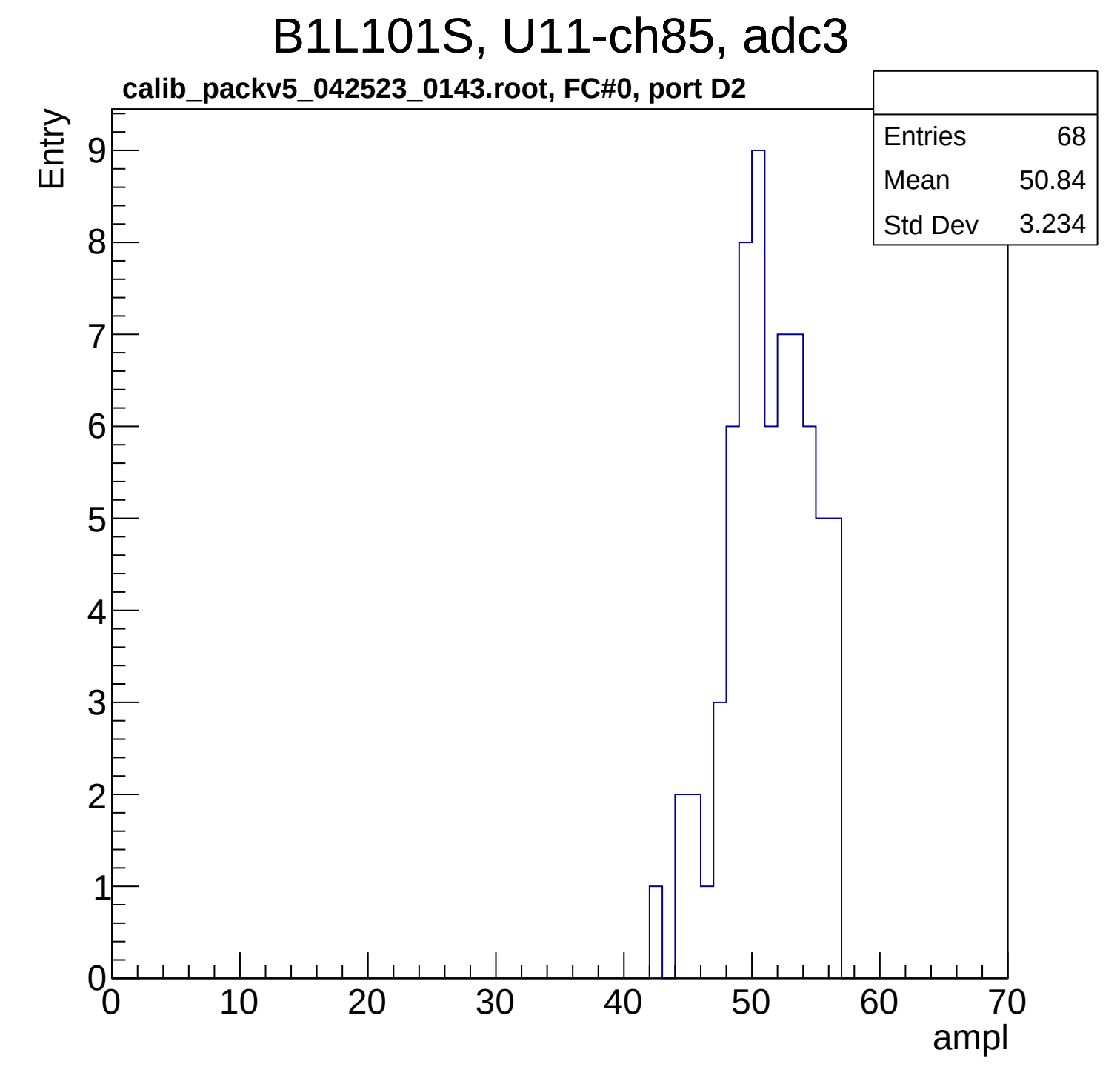

B1L101S, U11-ch85, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 43.93
Std Dev 3.91
Gaus mean : 44.5882
Gaus Width: 3.7182
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L101S, U11-ch85, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 50.84
Std Dev 3.234
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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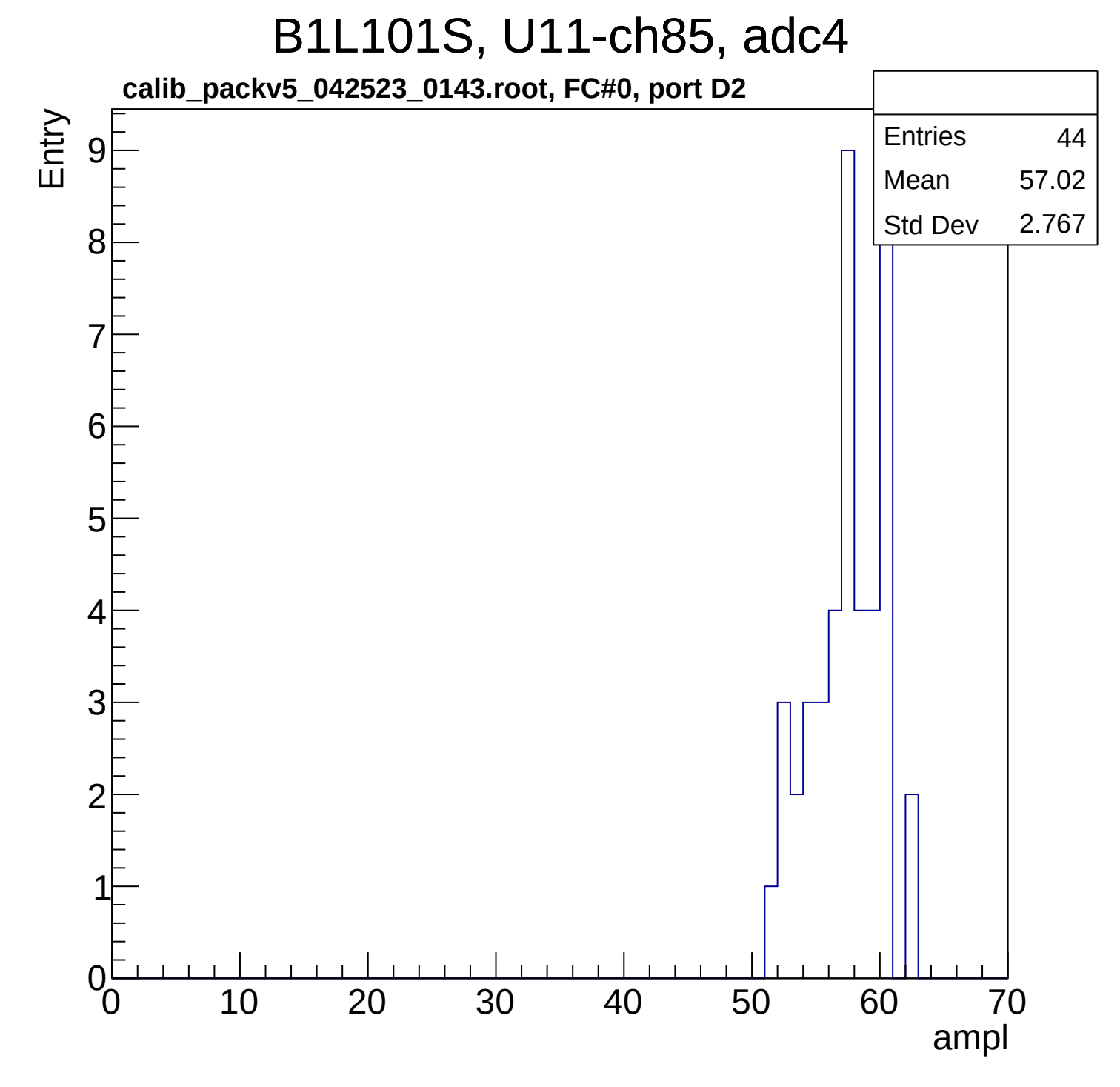
B1L101S, U11-ch85, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 44
Mean 57.02
Std Dev 2.767
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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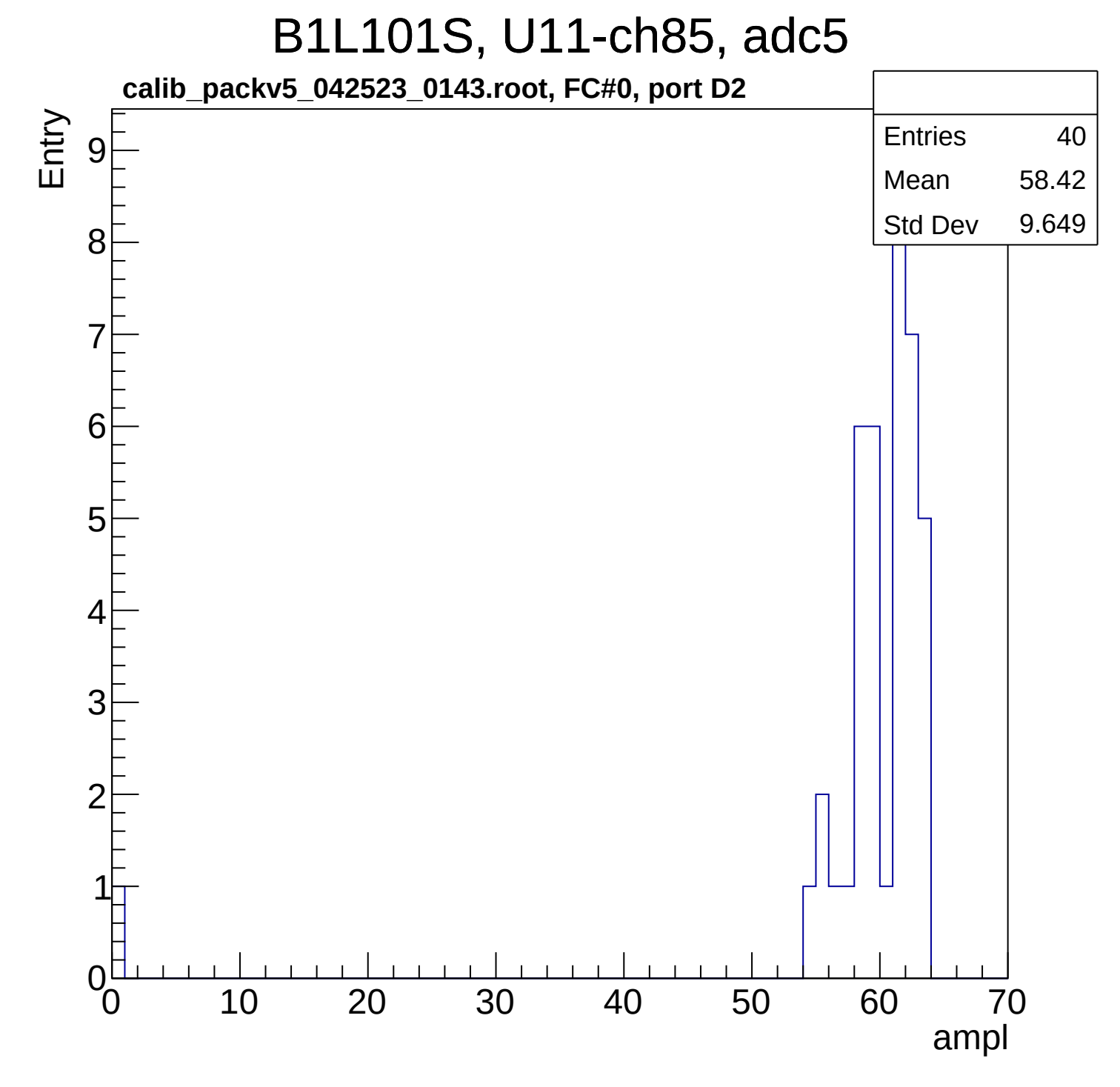
B1L101S, U11-ch85, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 40
Mean 58.42
Std Dev 9.649
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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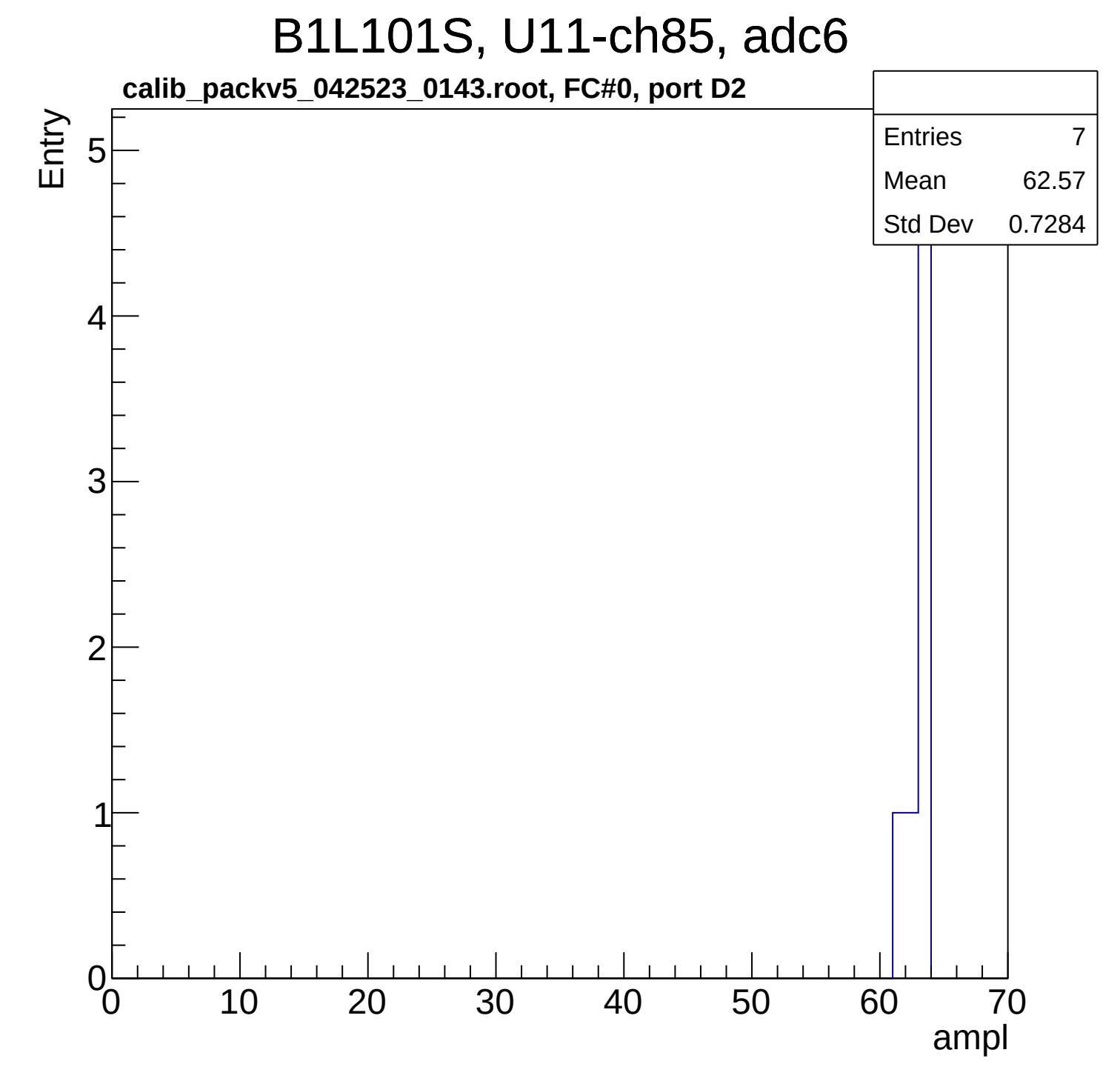
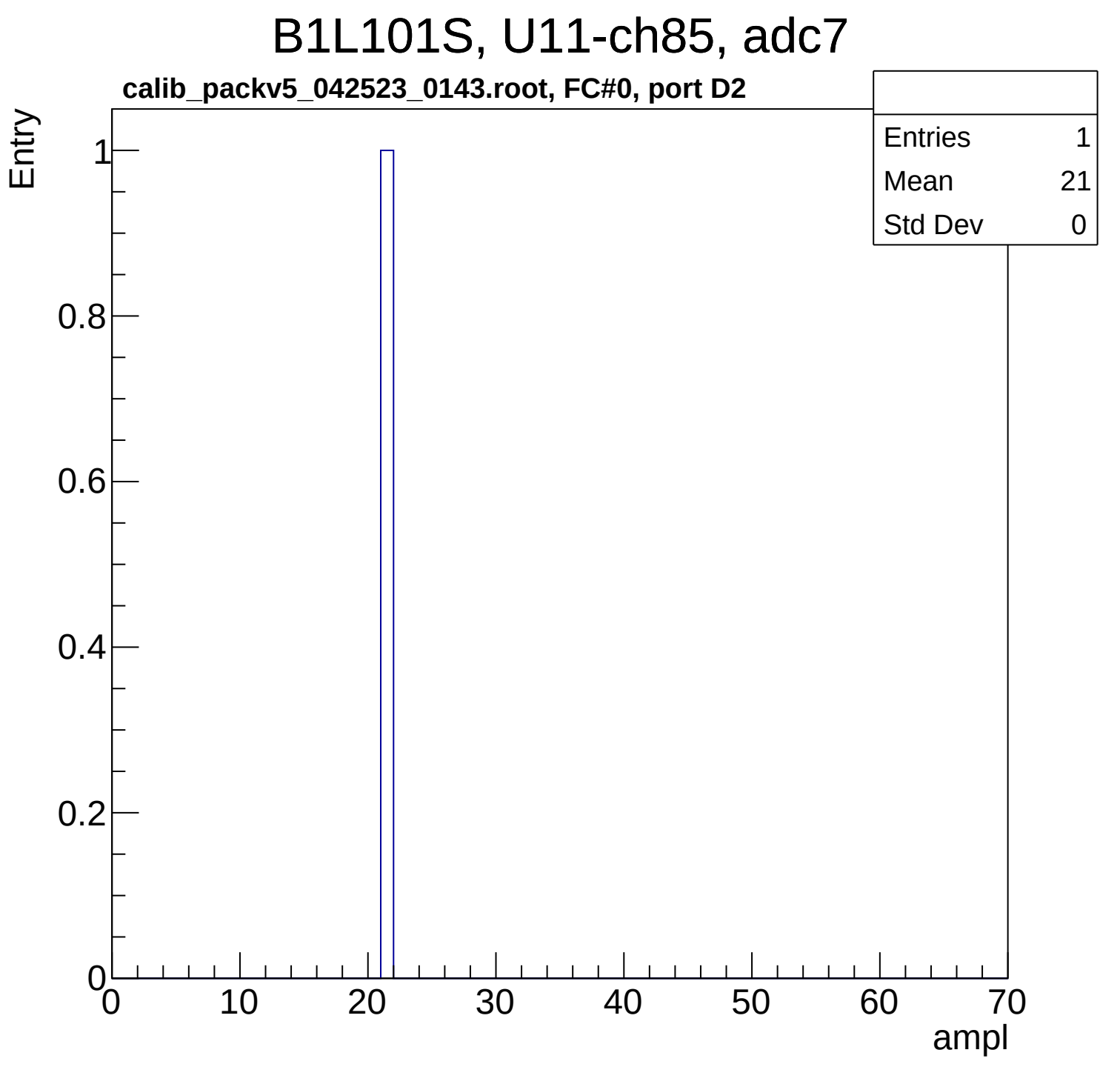

B1L101S, U11-ch85, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 7
Mean 62.57
Std Dev 0.7284
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch85, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 21
Std Dev 0
Entry
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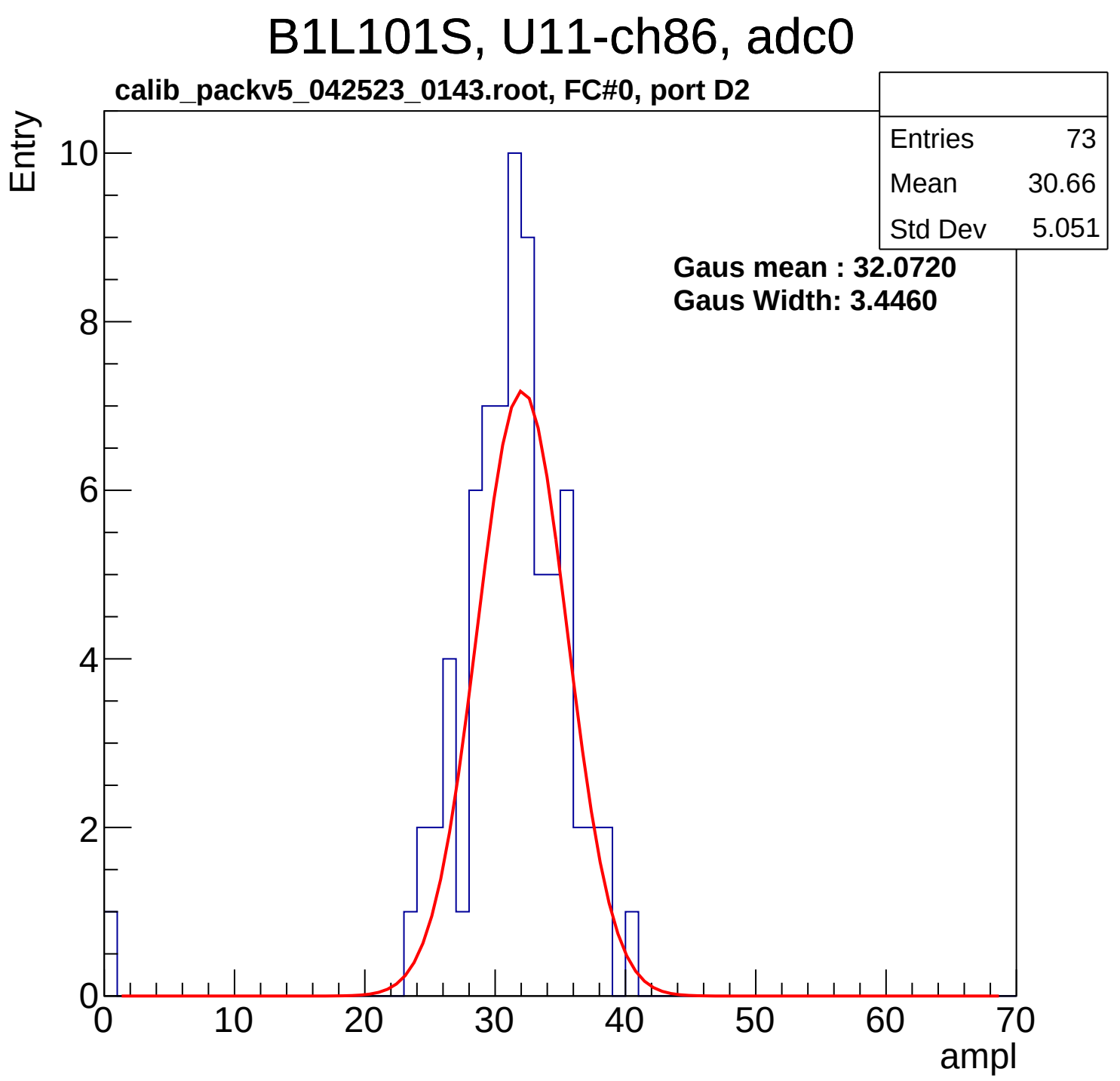
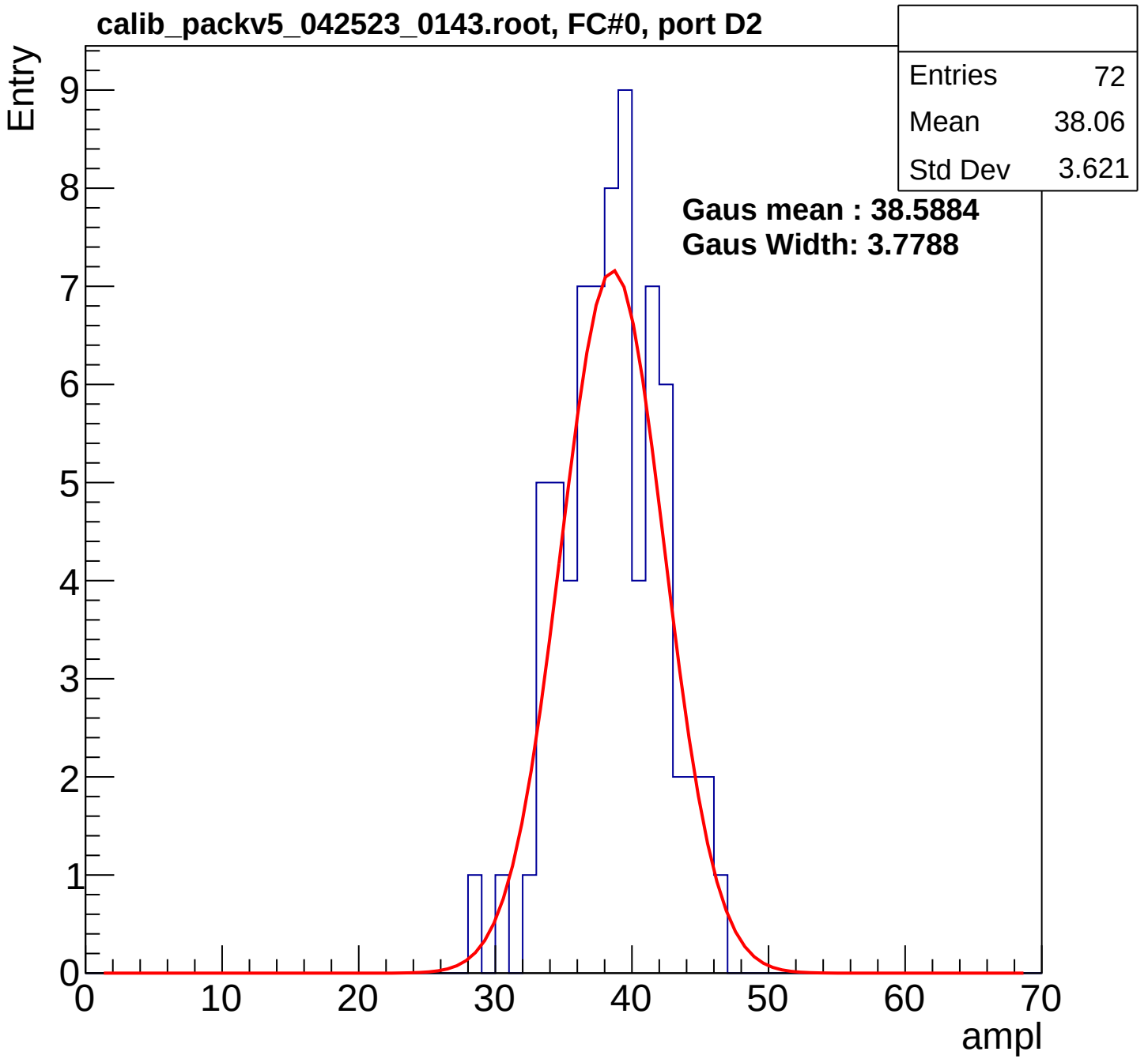
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch86, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 30.66
Std Dev 5.051
Gaus mean : 32.0720
Gaus Width: 3.4460
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch86, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 38.06
Std Dev 3.621
Gaus mean : 38.5884
Gaus Width: 3.7788
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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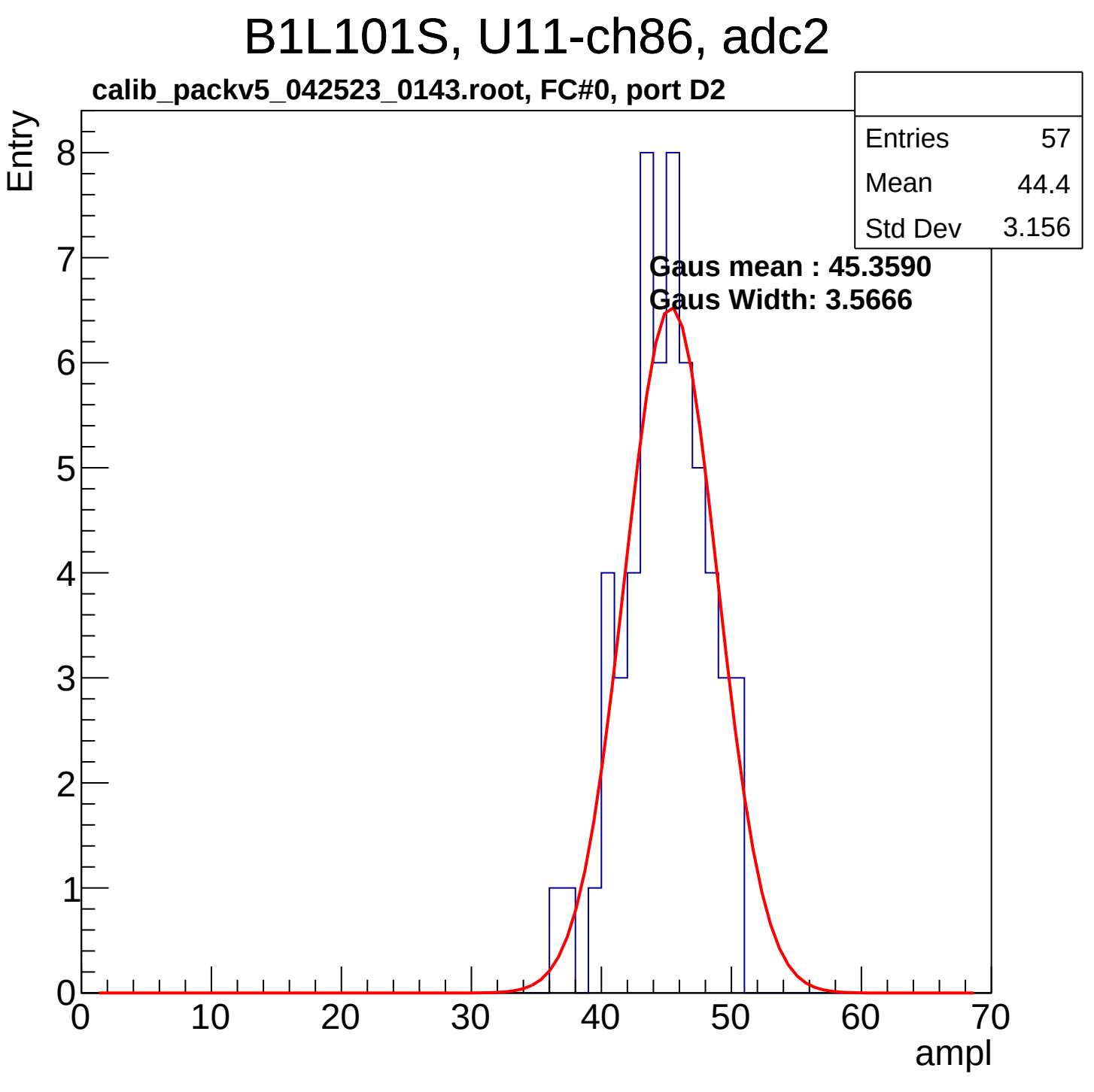
B1L101S, U11-ch86, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 44.4
Std Dev 3.156
Gaus mean : 45.3590
Gaus Width: 3.5666
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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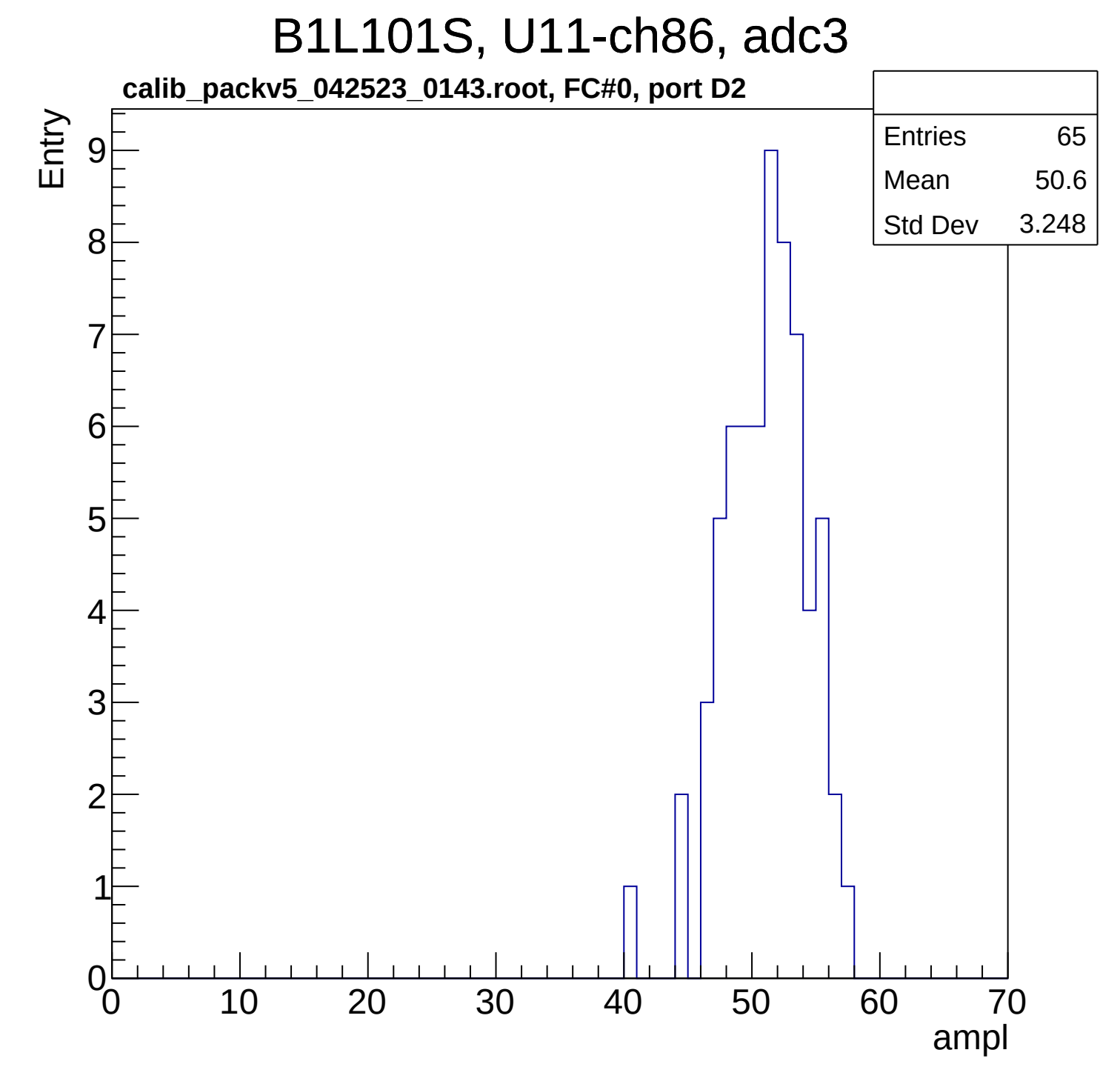
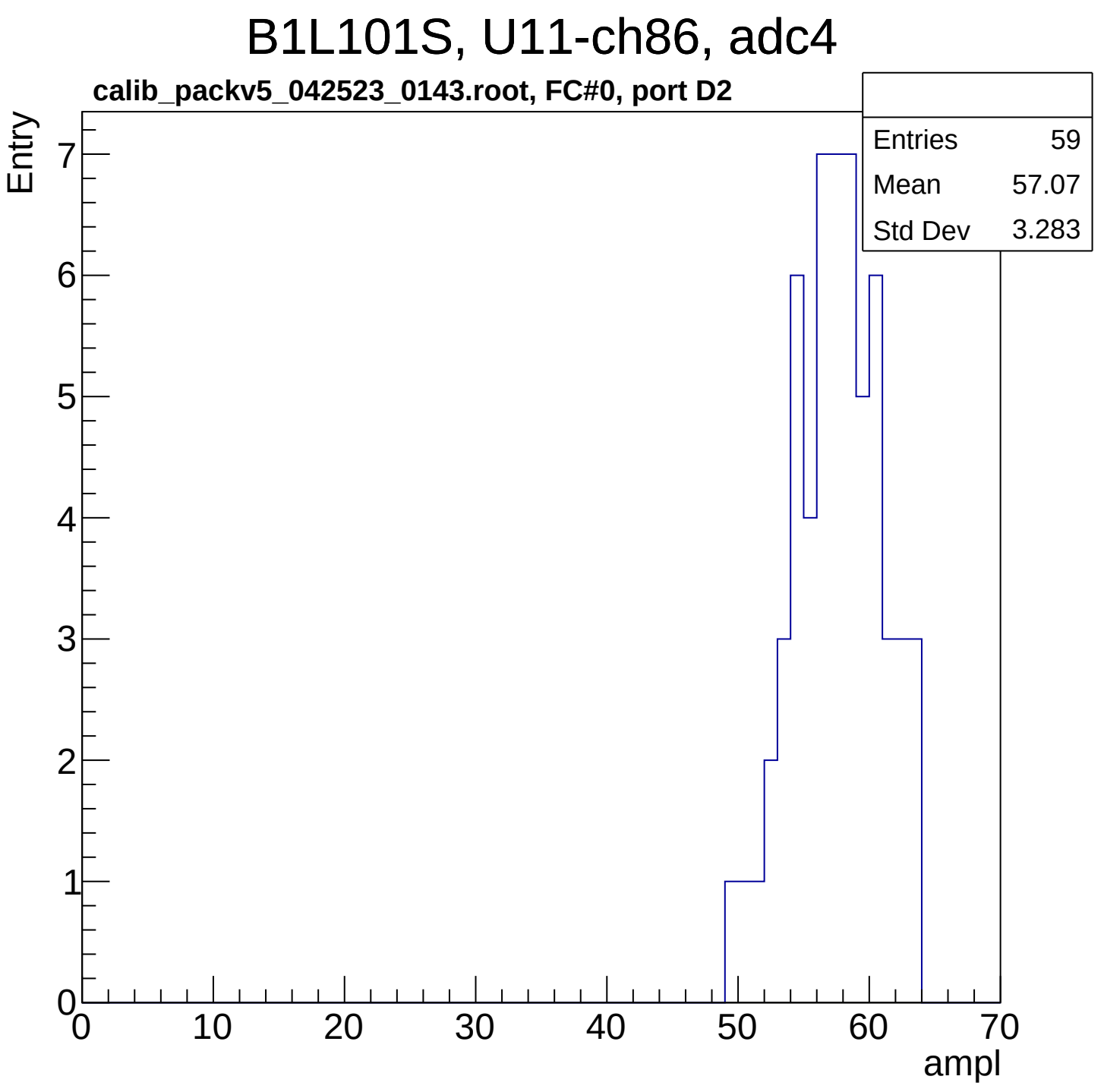
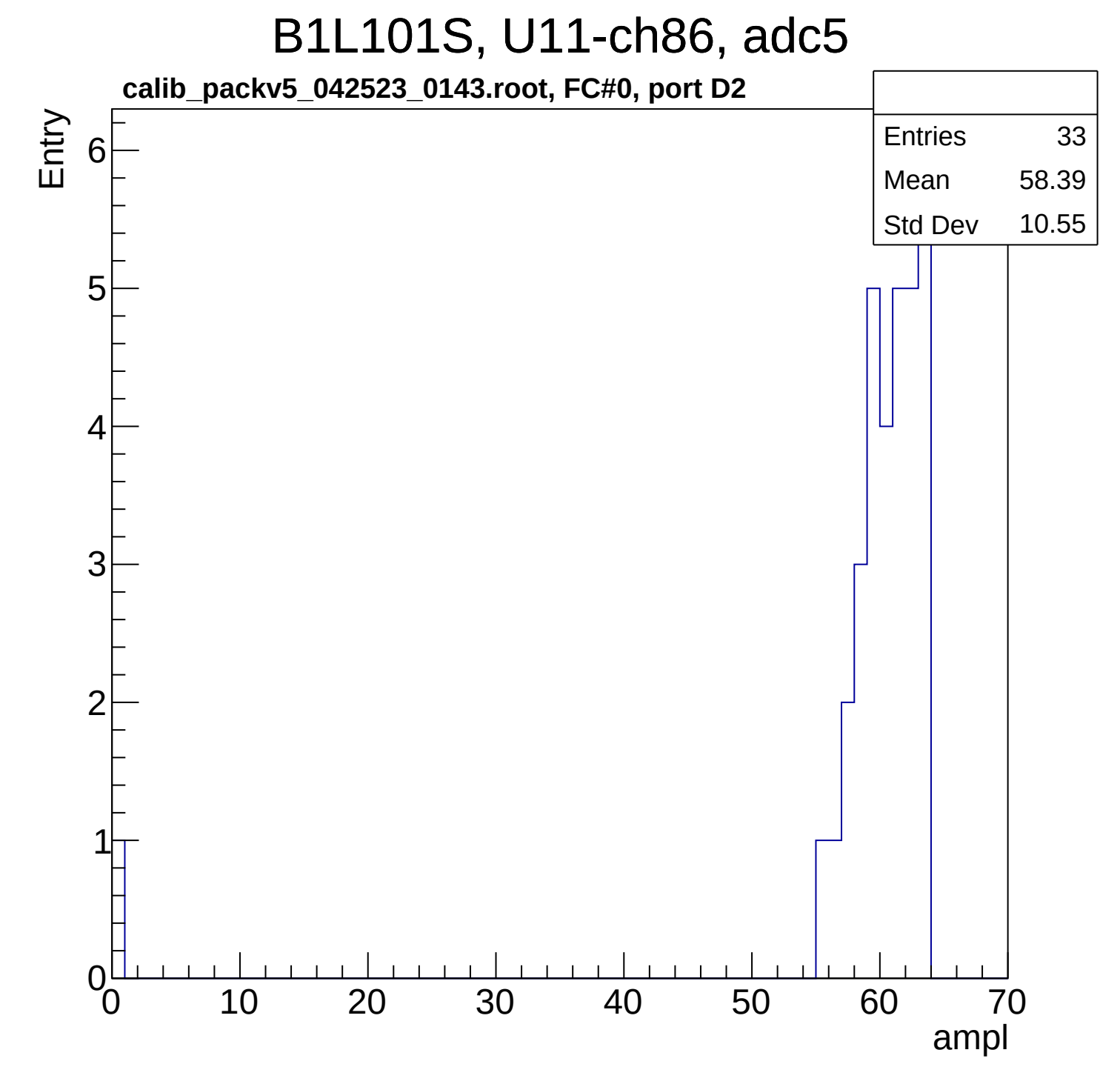
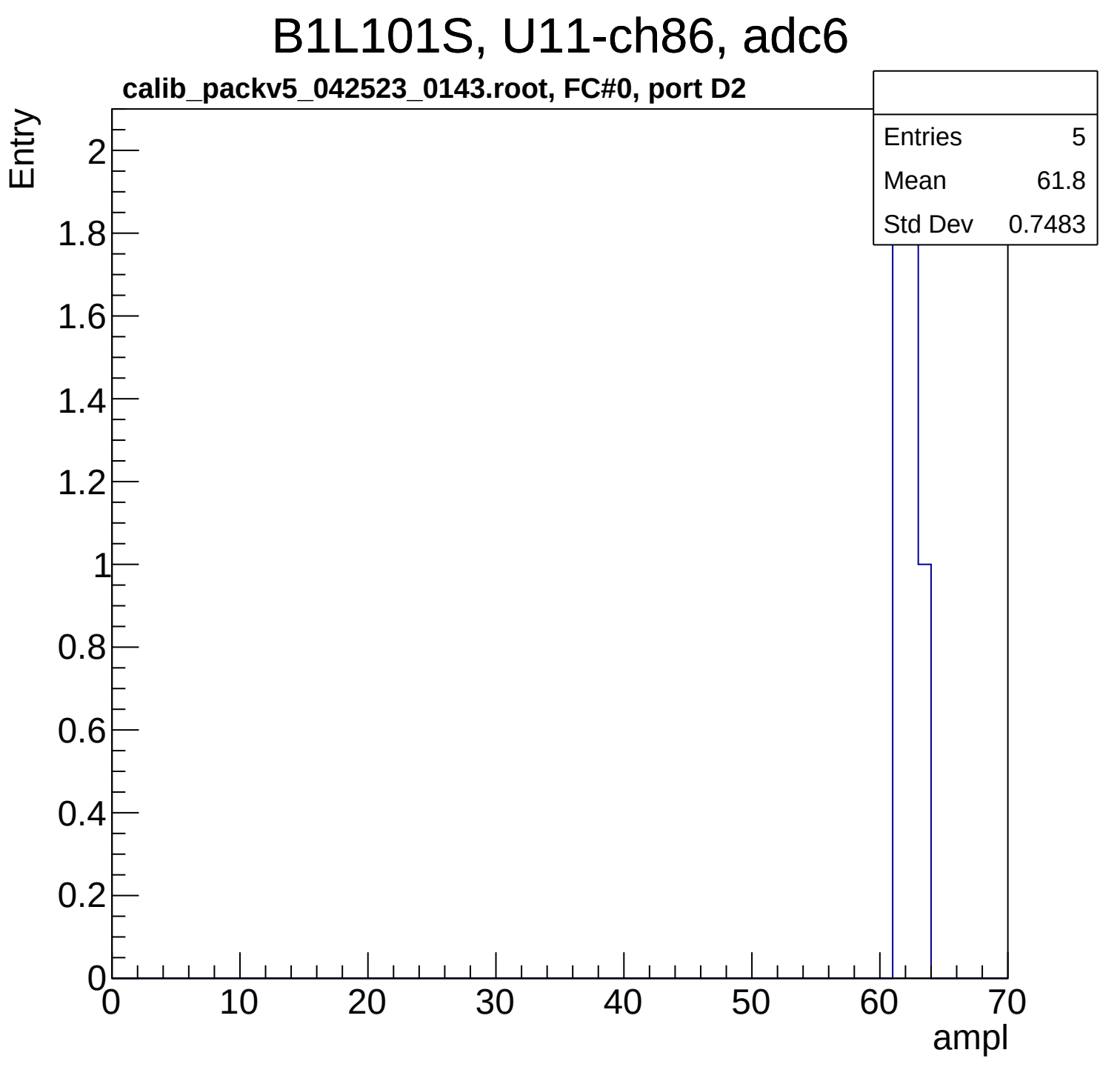
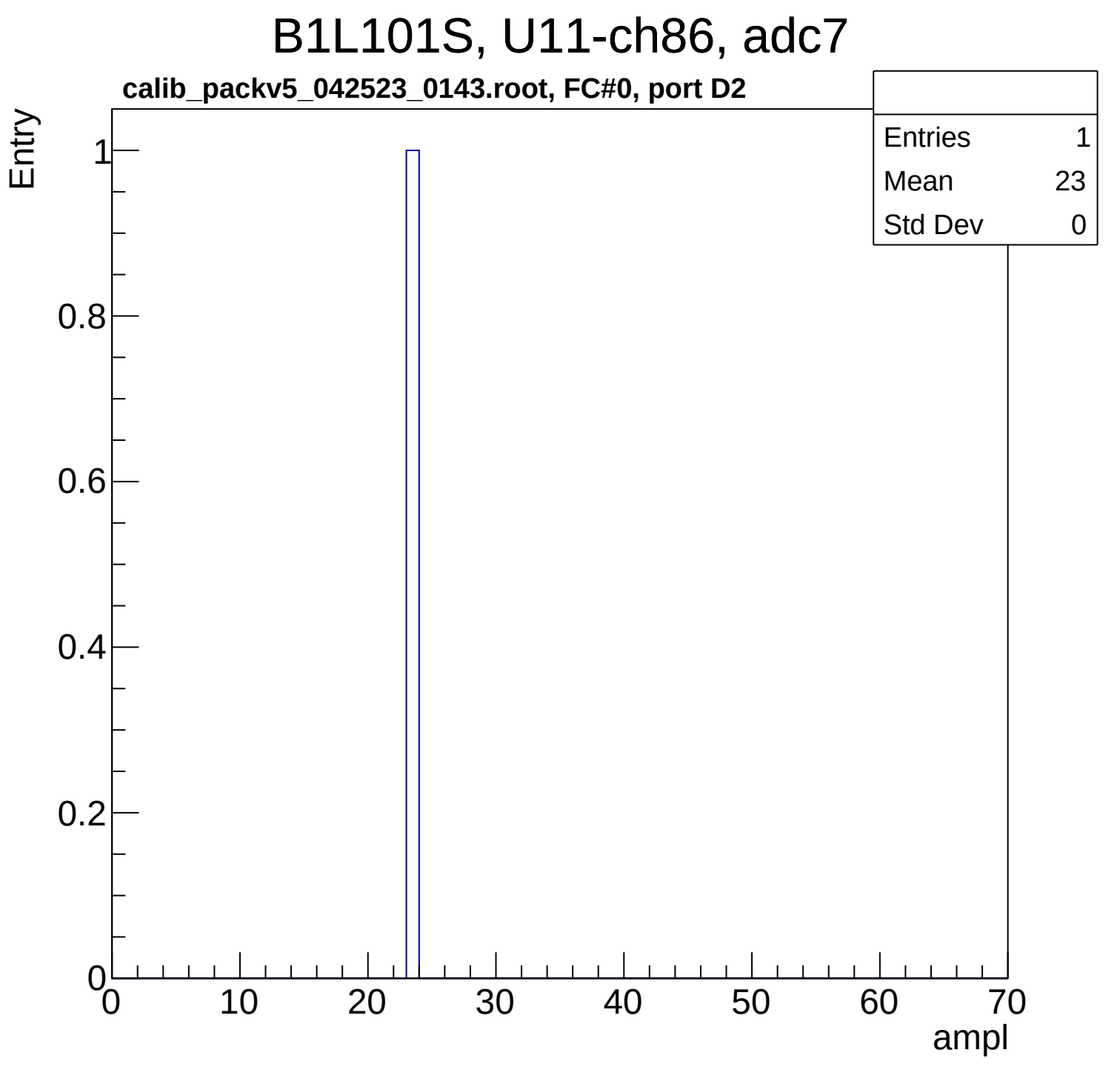

B1L101S, U11-ch86, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 50.6
Std Dev 3.248
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch86, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 57.07
Std Dev 3.283
Entry
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch86, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 33
Mean 58.39
Std Dev 10.55
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L101S, U11-ch86, adc6
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch86, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 23
Std Dev 0
Entry
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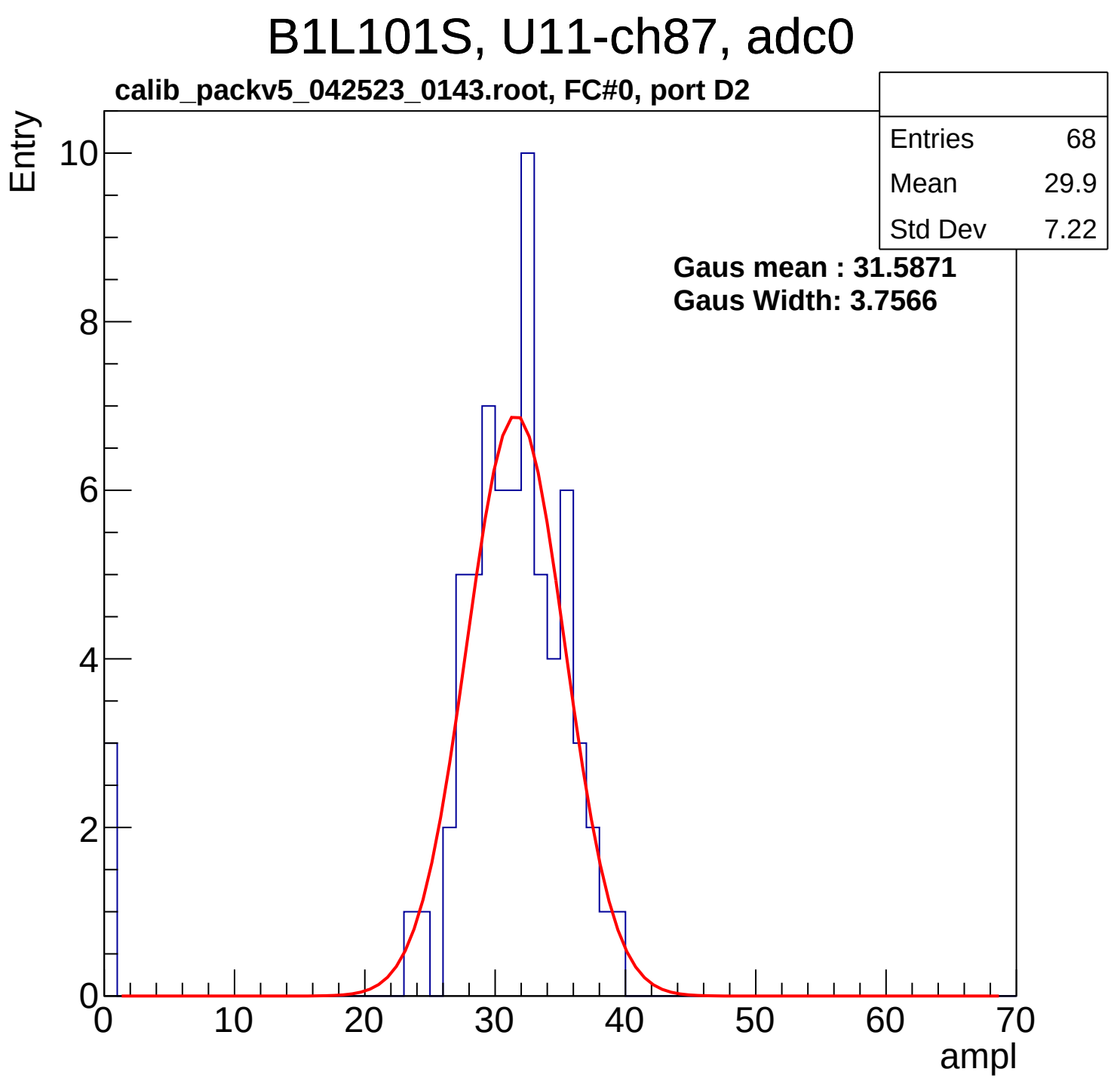
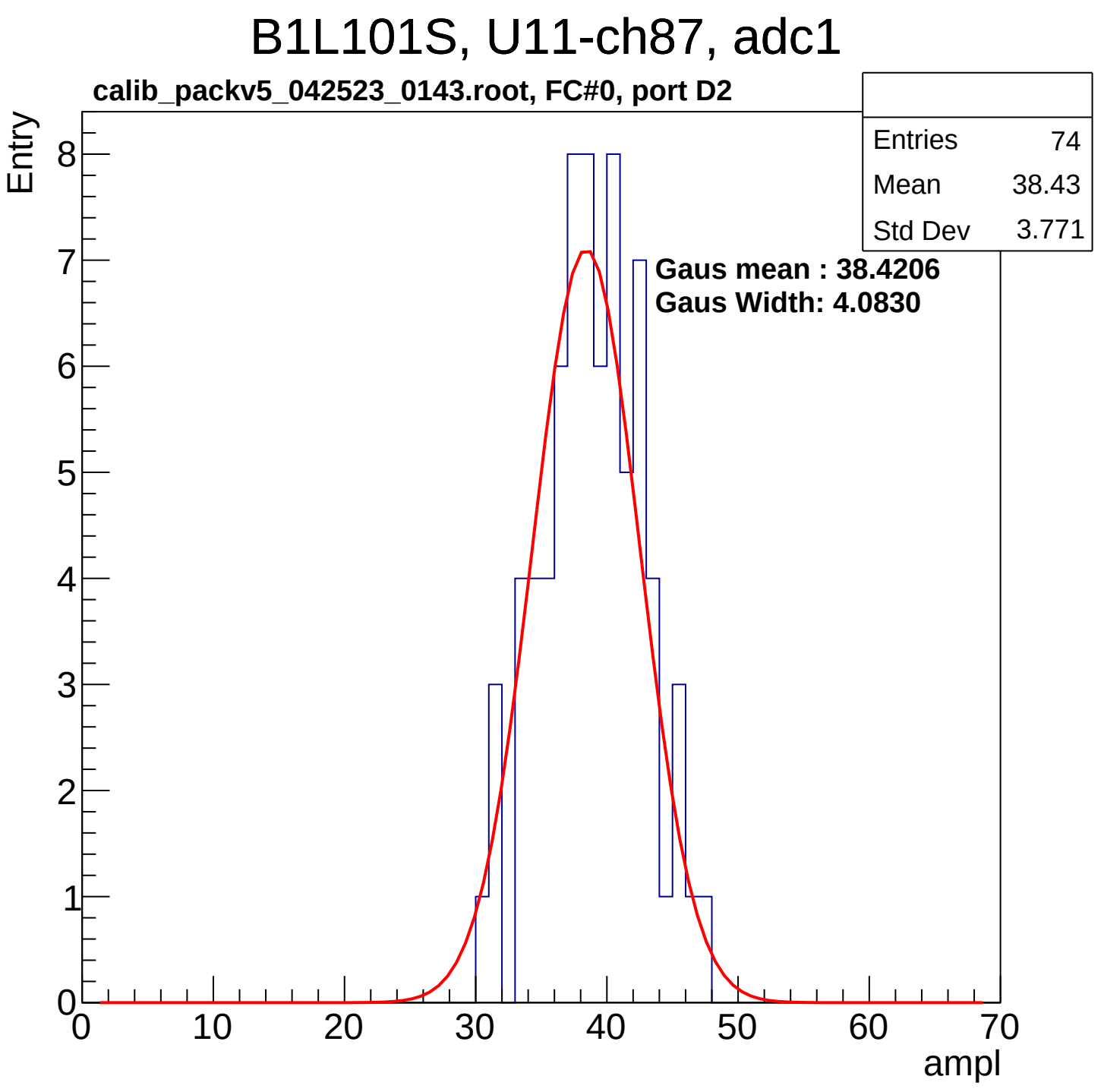
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch87, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 29.9
Std Dev 7.22
Gaus mean : 31.5871
Gaus Width: 3.7566
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch87, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 74
Mean 38.43
Std Dev 3.771
Gaus mean : 38.4206
Gaus Width: 4.0830
Entry
ampl
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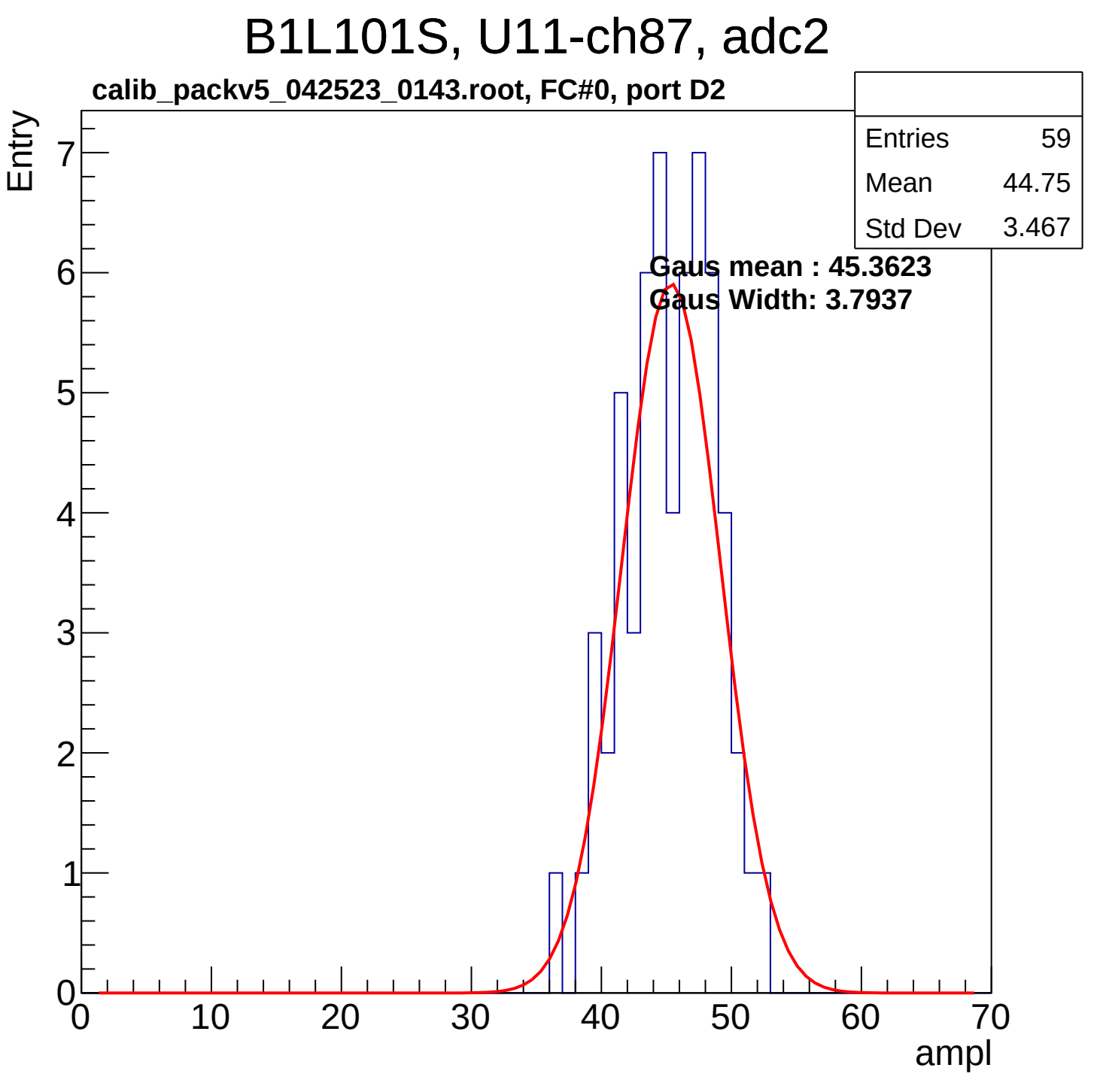
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch87, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 44.75
Std Dev 3.467
Gaus mean : 45.3623
Gaus Width: 3.7937
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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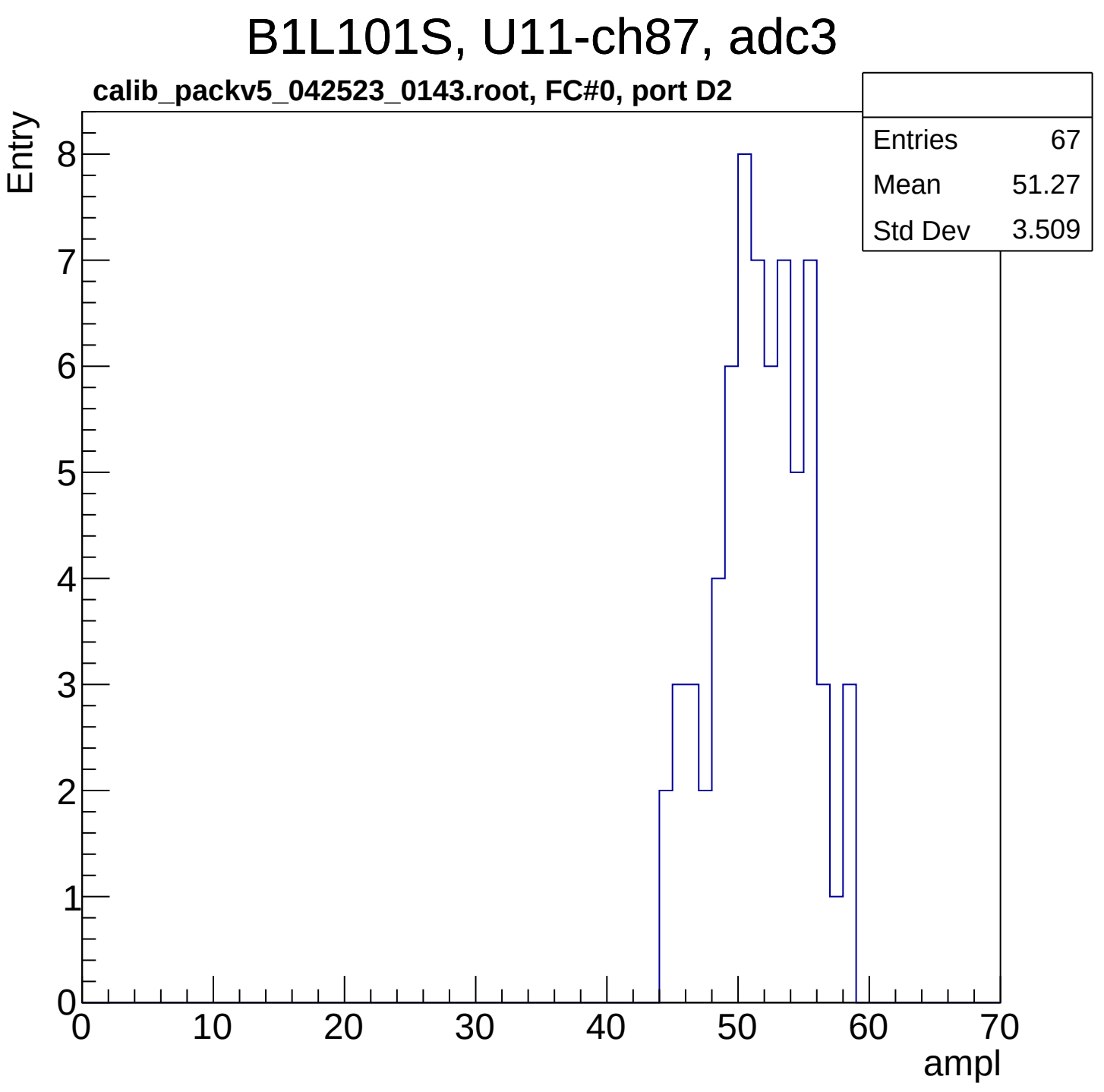
B1L101S, U11-ch87, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 51.27
Std Dev 3.509
Entry
ampl
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4
5
6
7
8
0
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60
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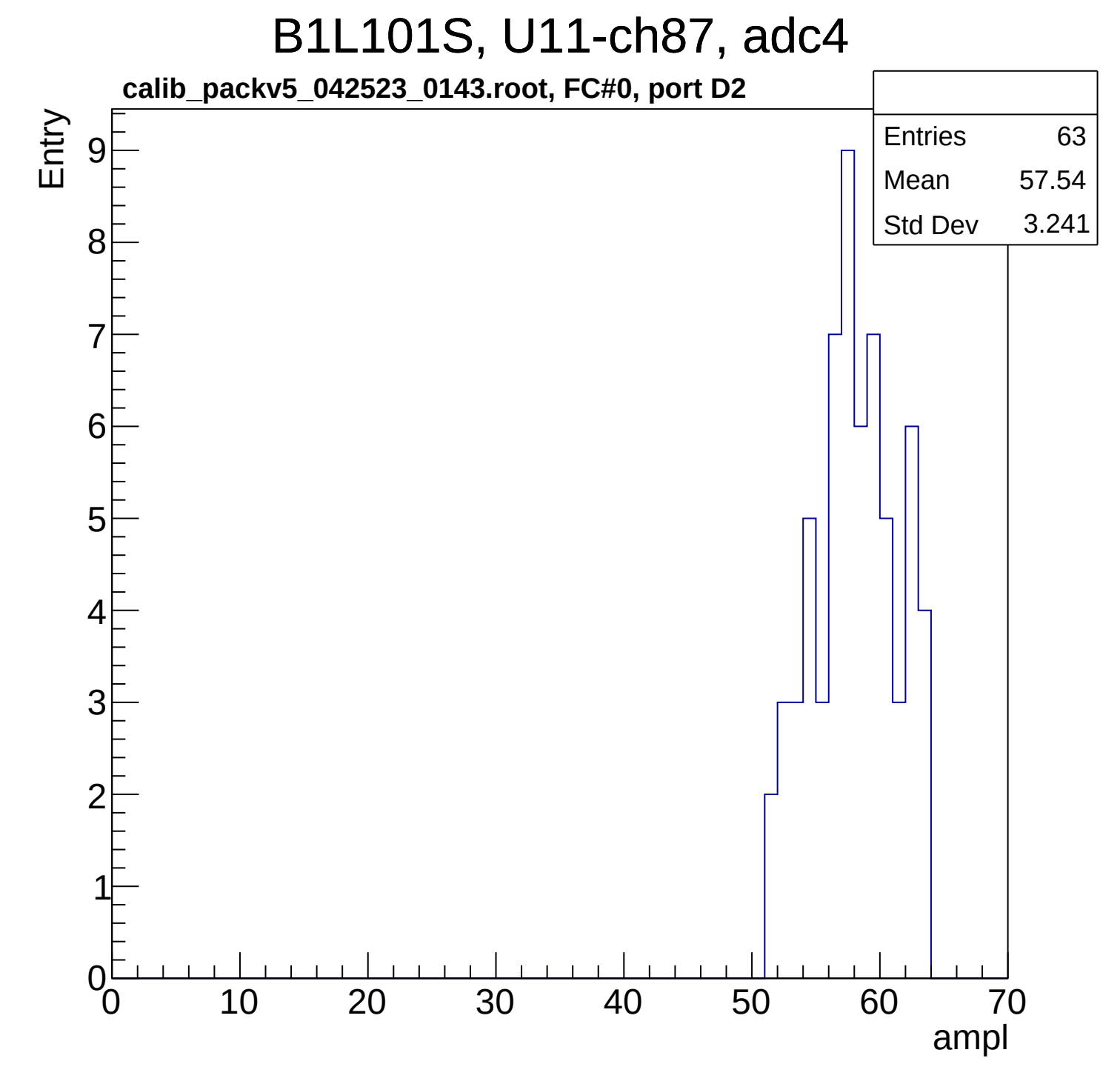
B1L101S, U11-ch87, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 57.54
Std Dev 3.241
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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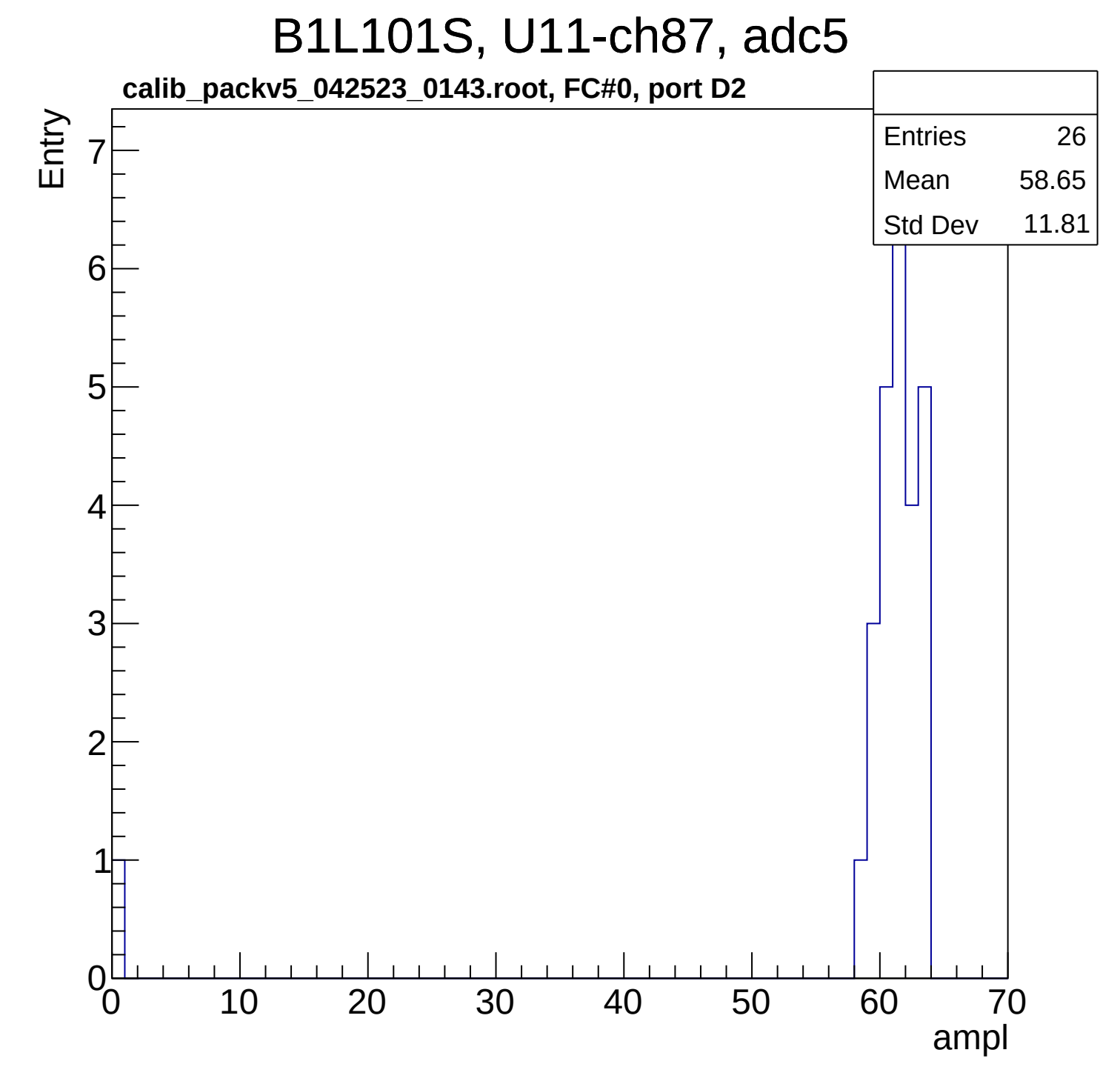
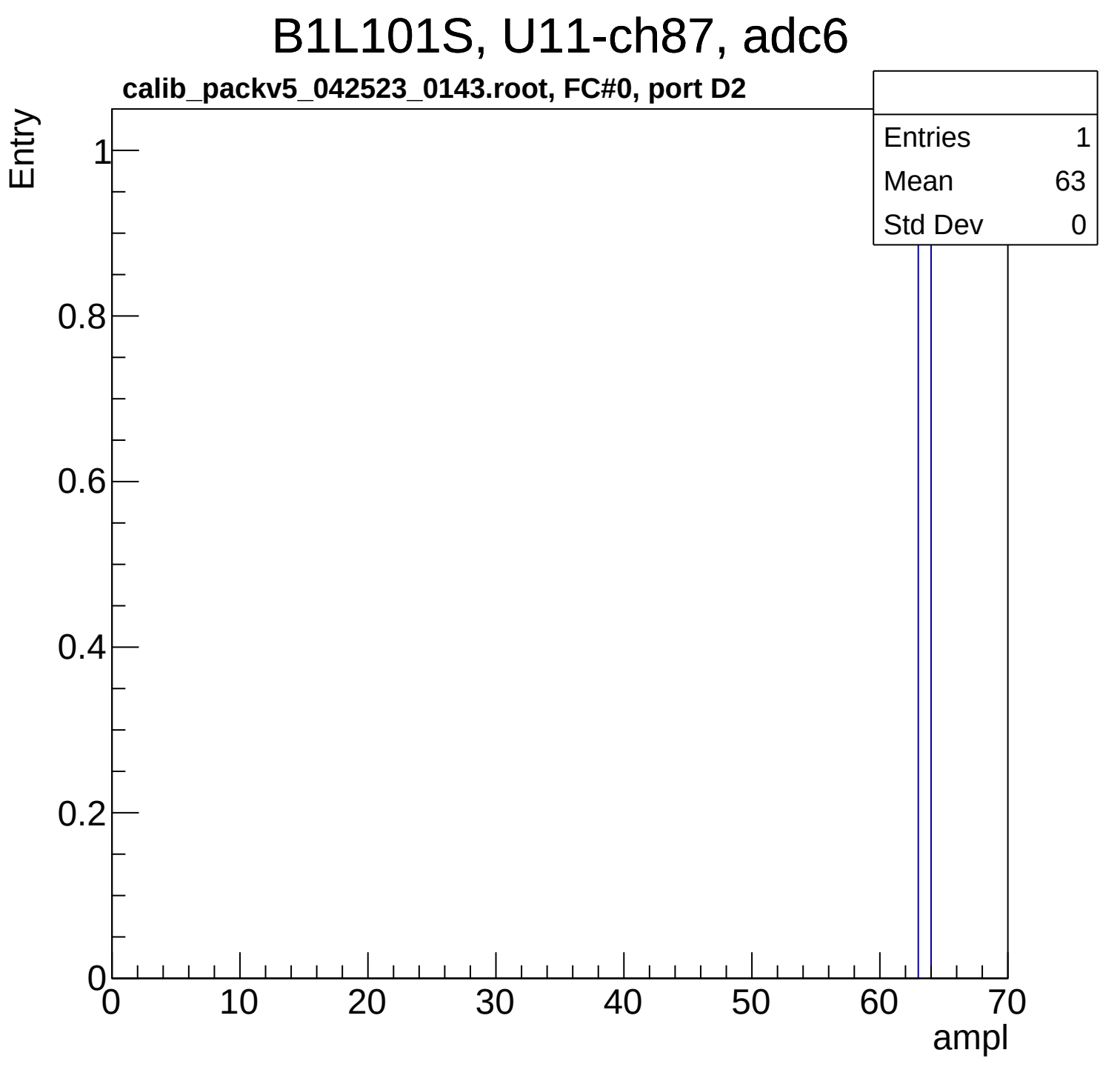

B1L101S, U11-ch87, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 26
Mean 58.65
Std Dev 11.81
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch87, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 63
Std Dev 0
Entry
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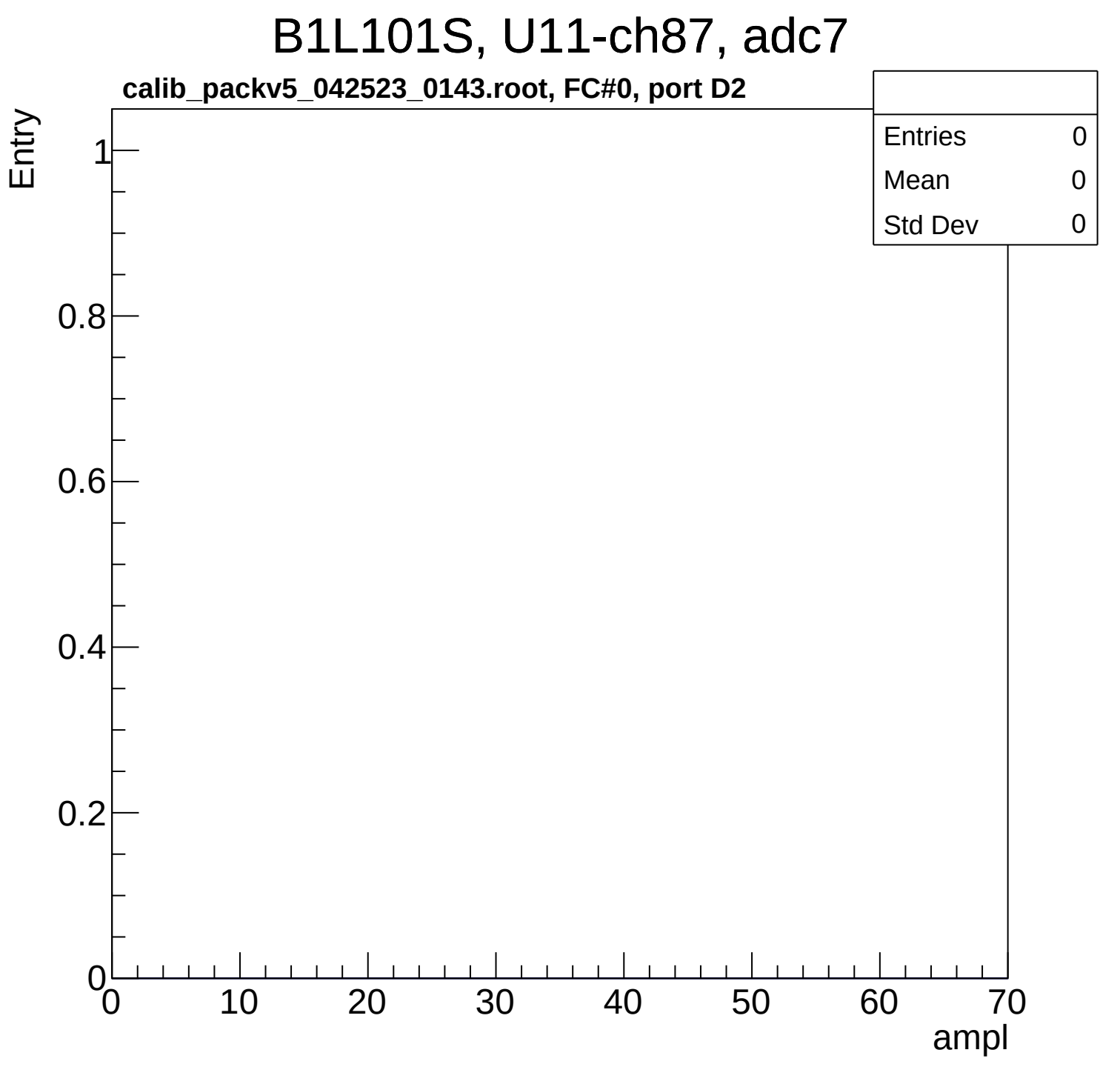
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch87, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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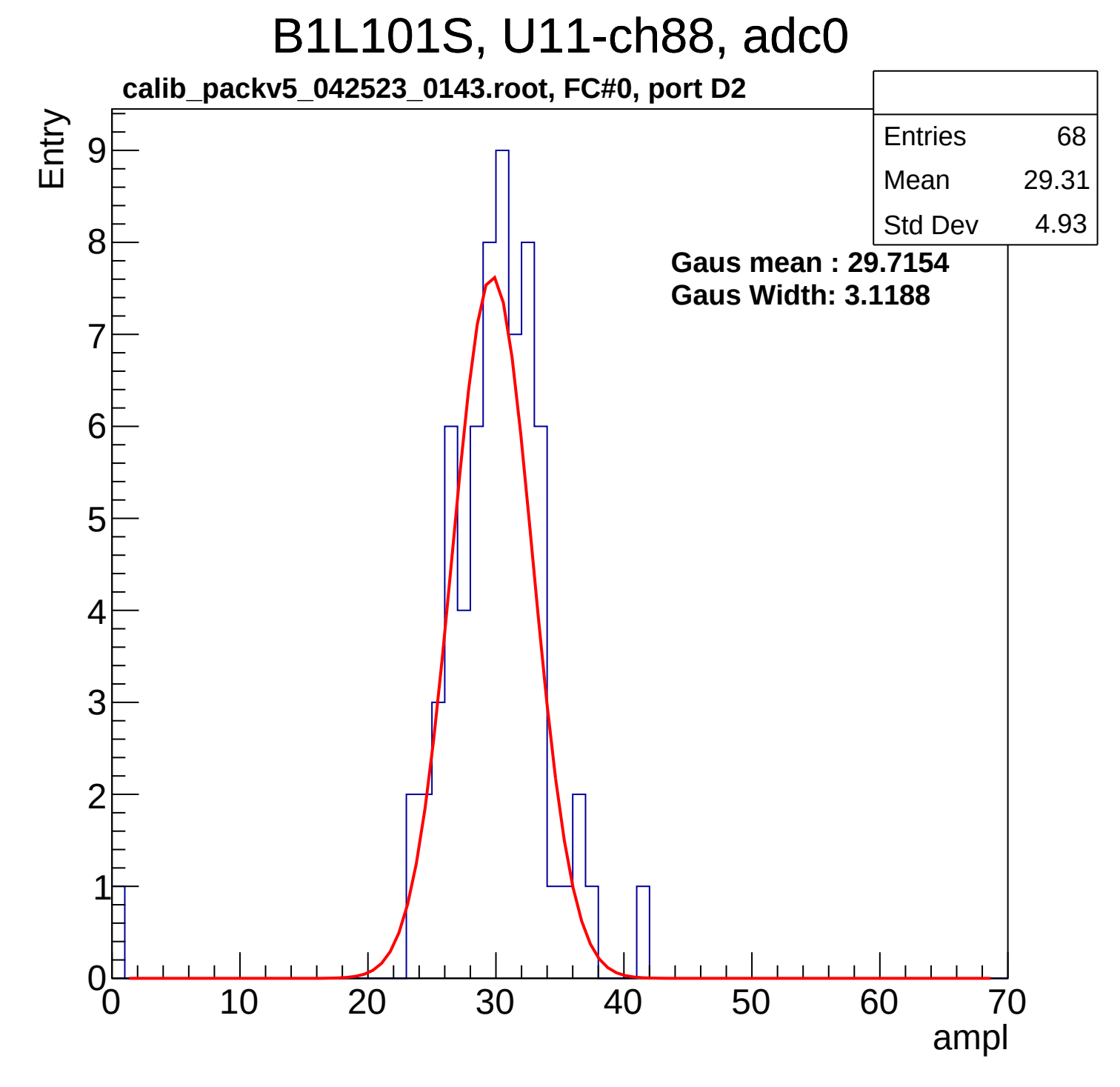
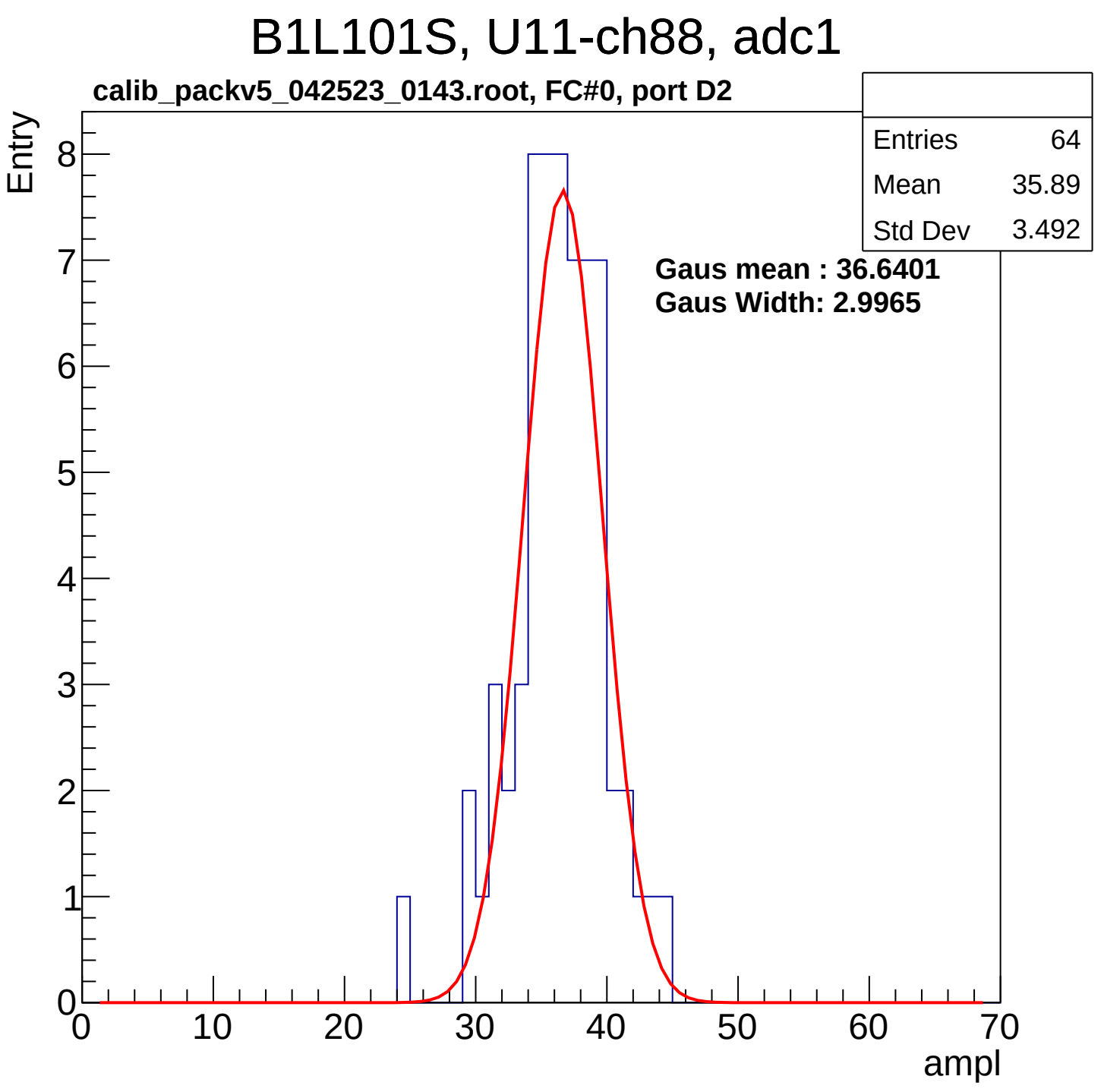
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch88, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 29.31
Std Dev 4.93
Gaus mean : 29.7154
Gaus Width: 3.1188
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch88, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 35.89
Std Dev 3.492
Gaus mean : 36.6401
Gaus Width: 2.9965
Entry
ampl
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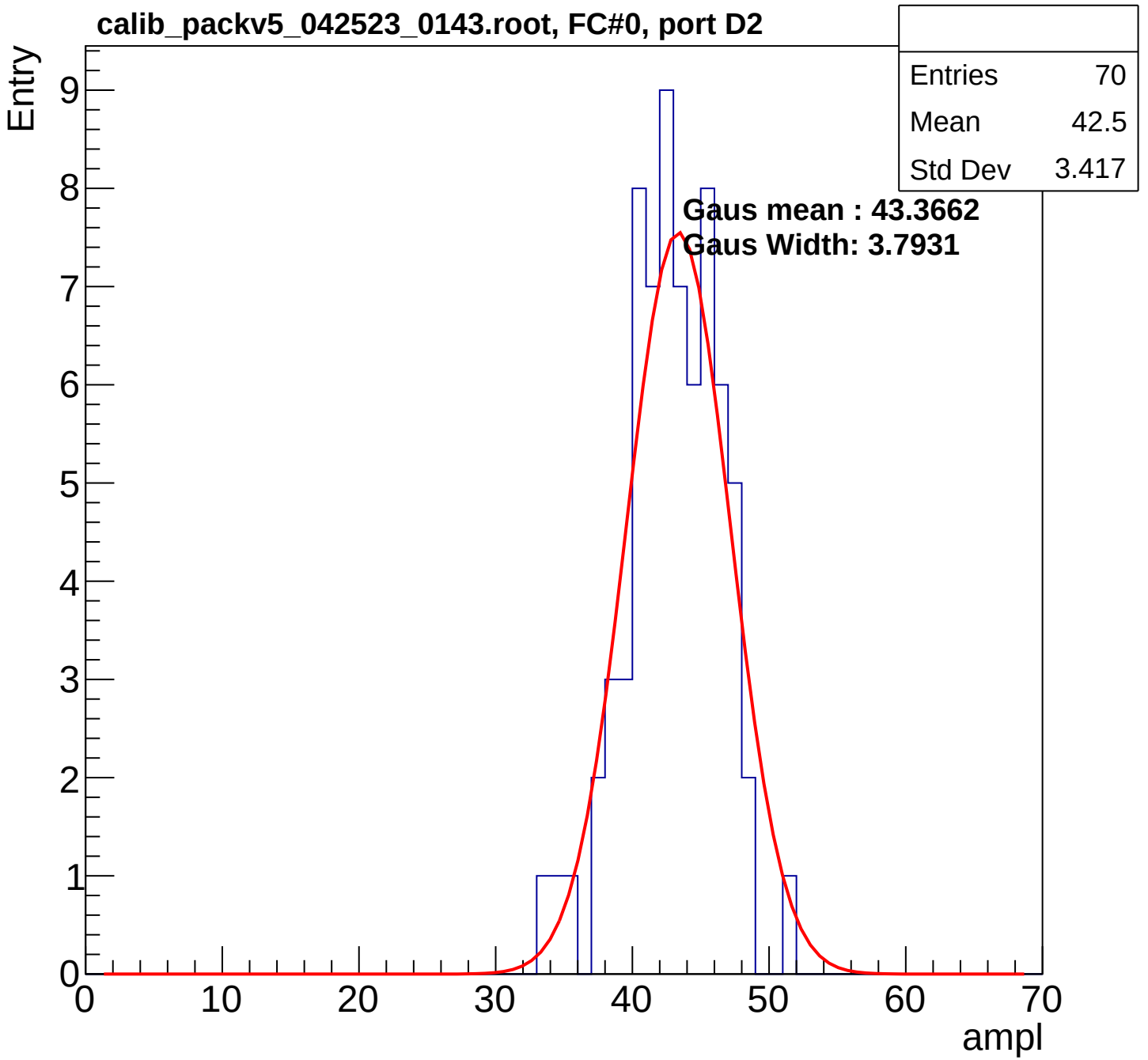
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch88, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 42.5
Std Dev 3.417
Gaus mean : 43.3662
Gaus Width: 3.7931
Entry
ampl
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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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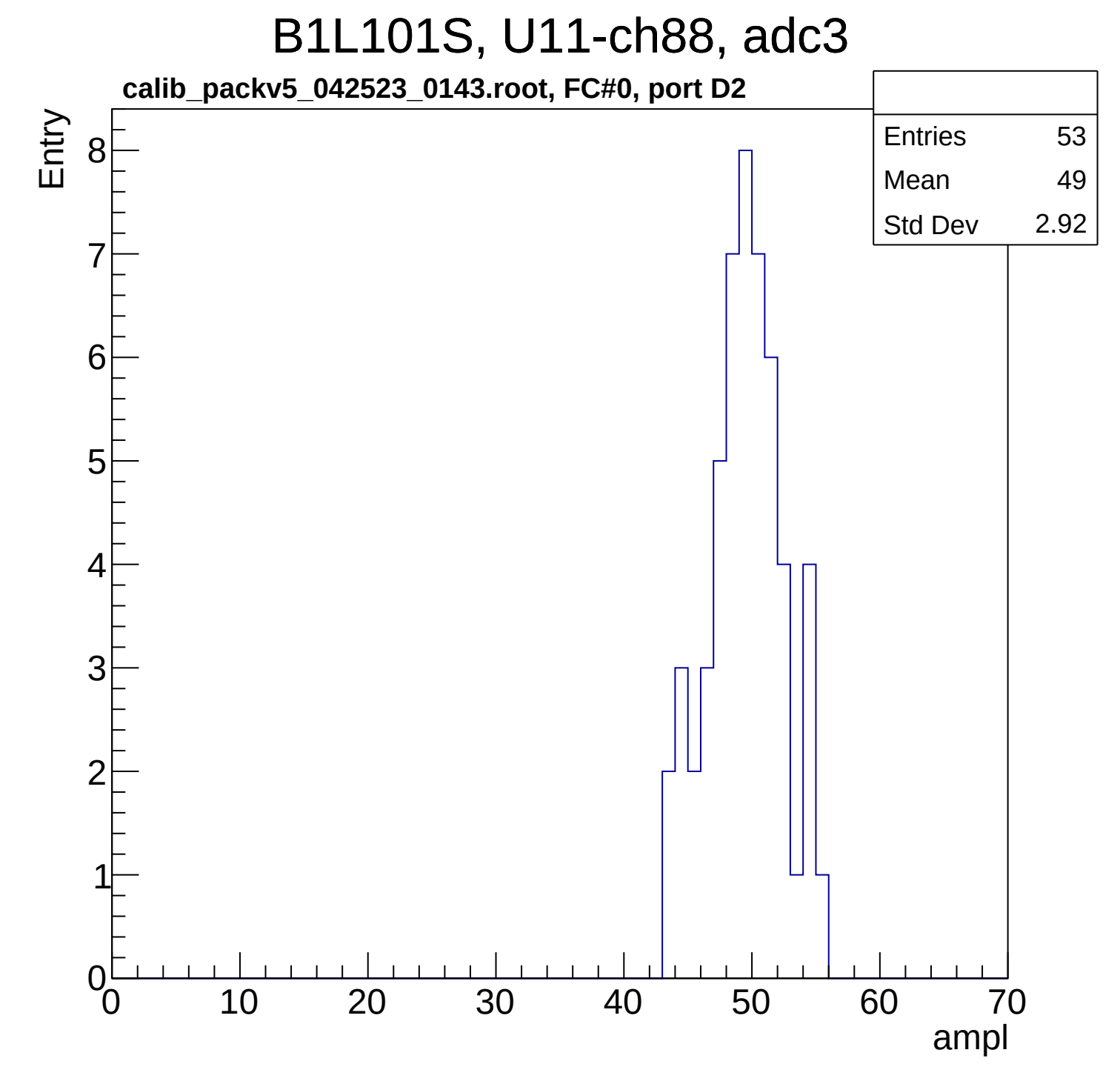
B1L101S, U11-ch88, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 49
Std Dev 2.92
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
50
60
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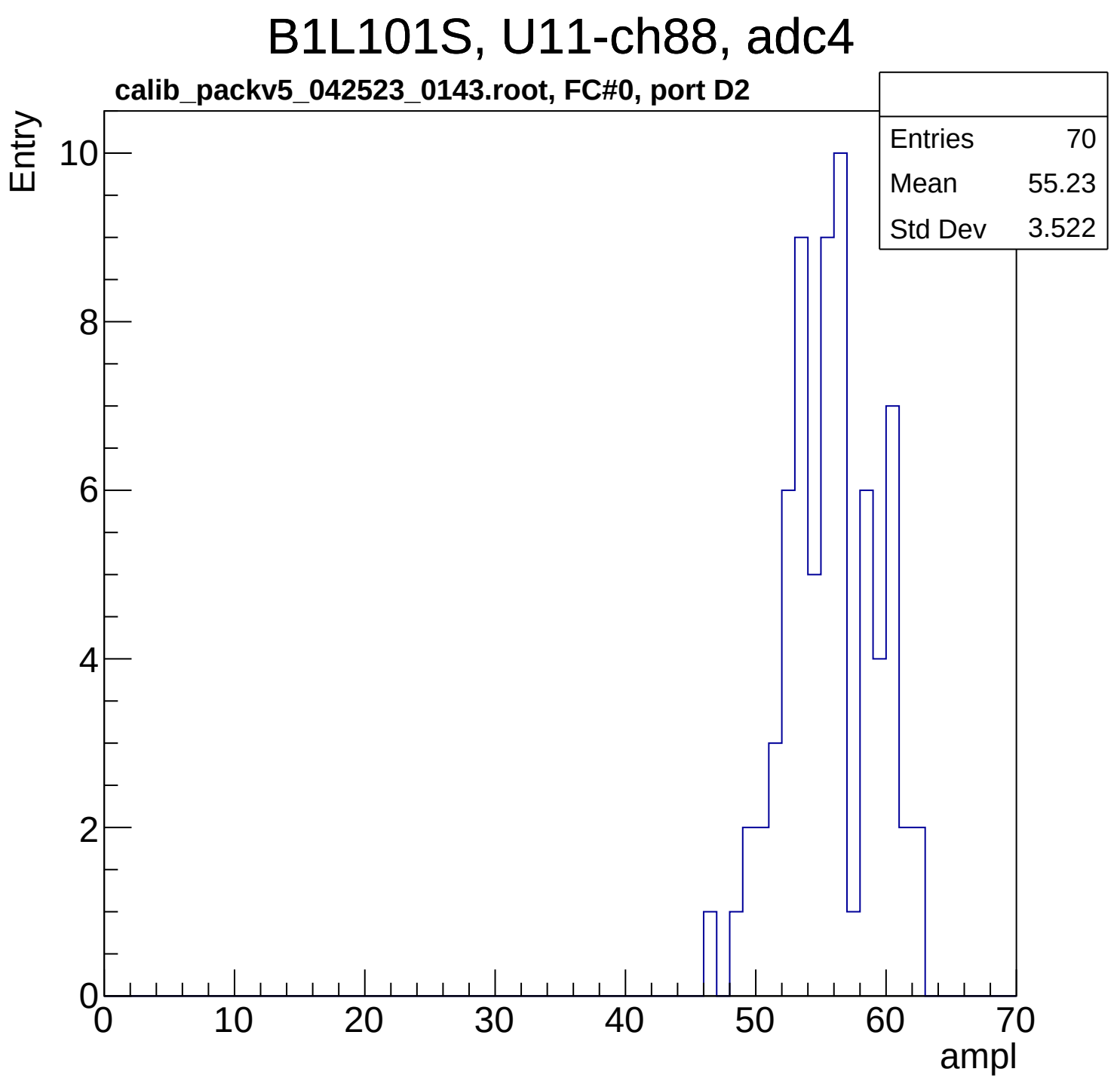
B1L101S, U11-ch88, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 55.23
Std Dev 3.522
Entry
ampl
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4
6
8
10
0
10
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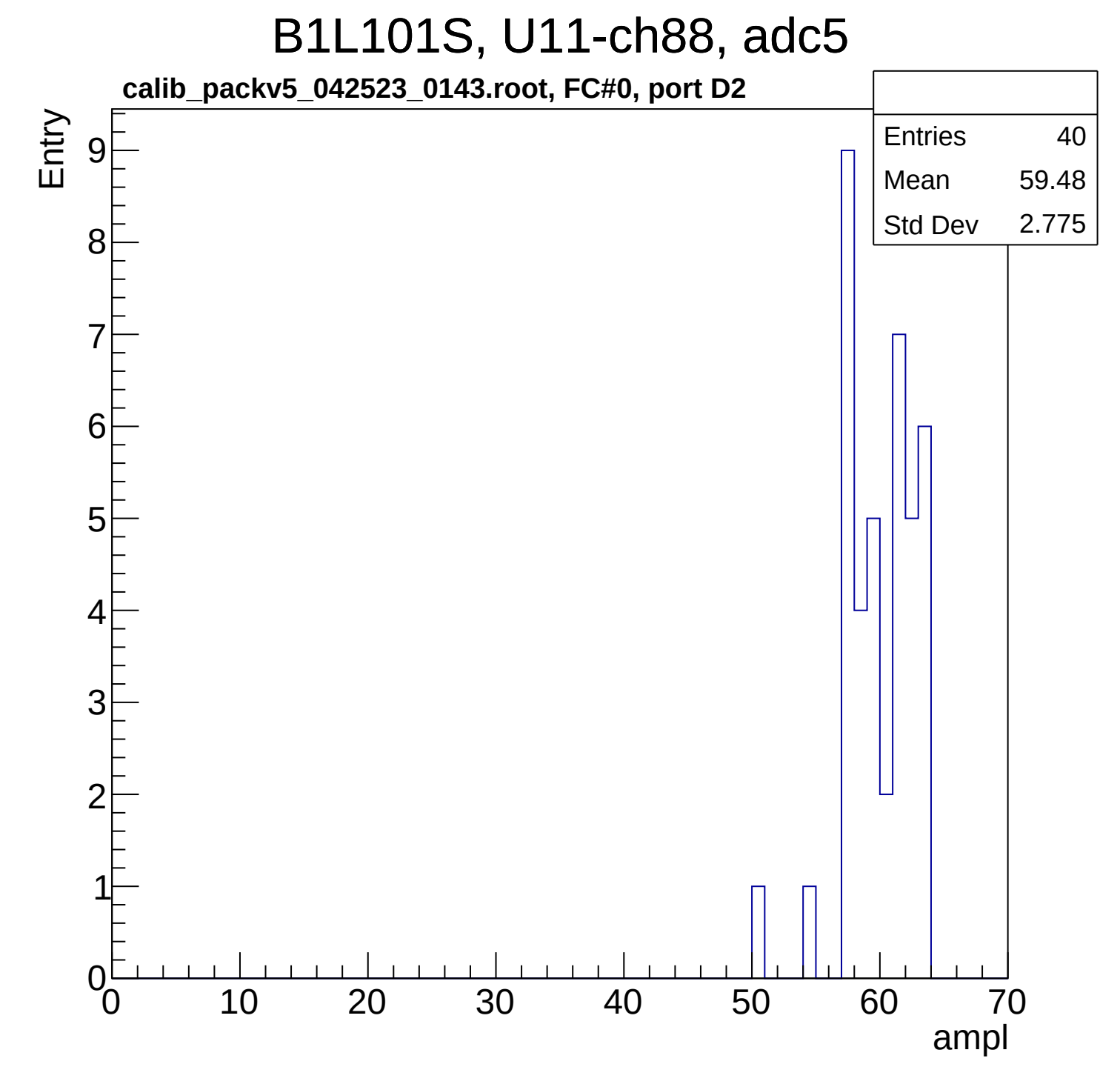
30
40
50
60
70


B1L101S, U11-ch88, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 40
Mean 59.48
Std Dev 2.775
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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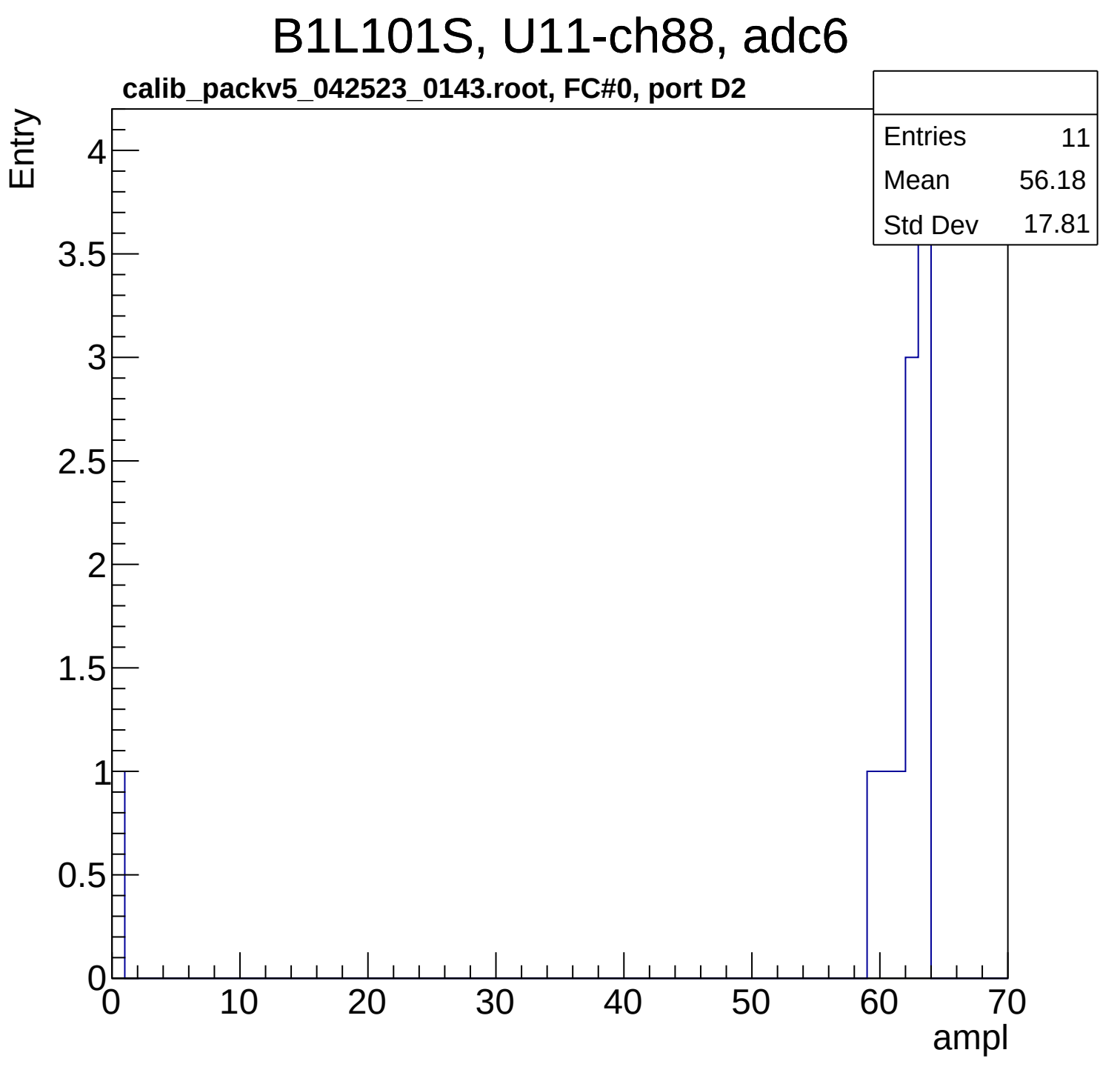
40
50
60
70


B1L101S, U11-ch88, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 11
Mean 56.18
Std Dev 17.81
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
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20
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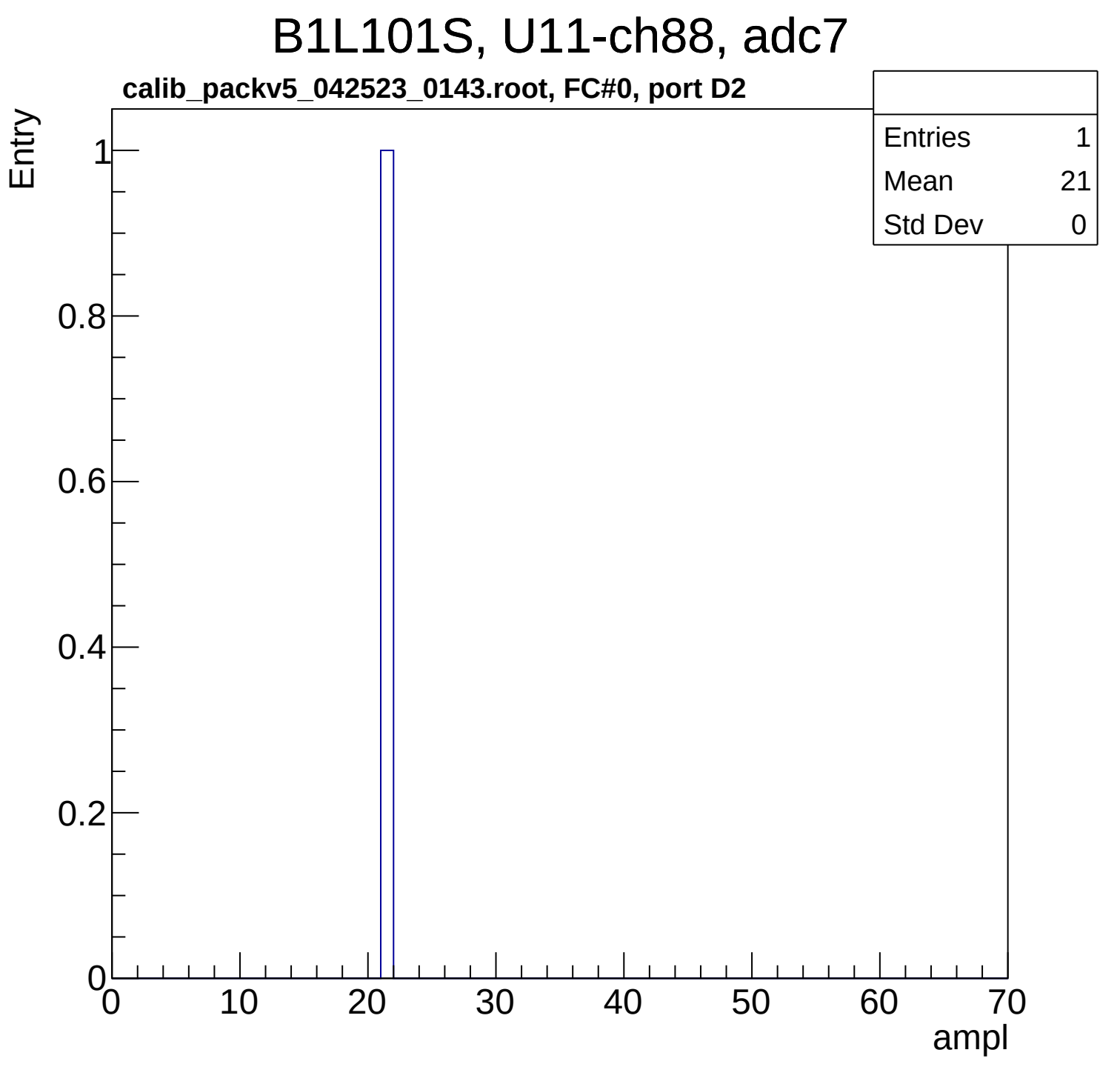
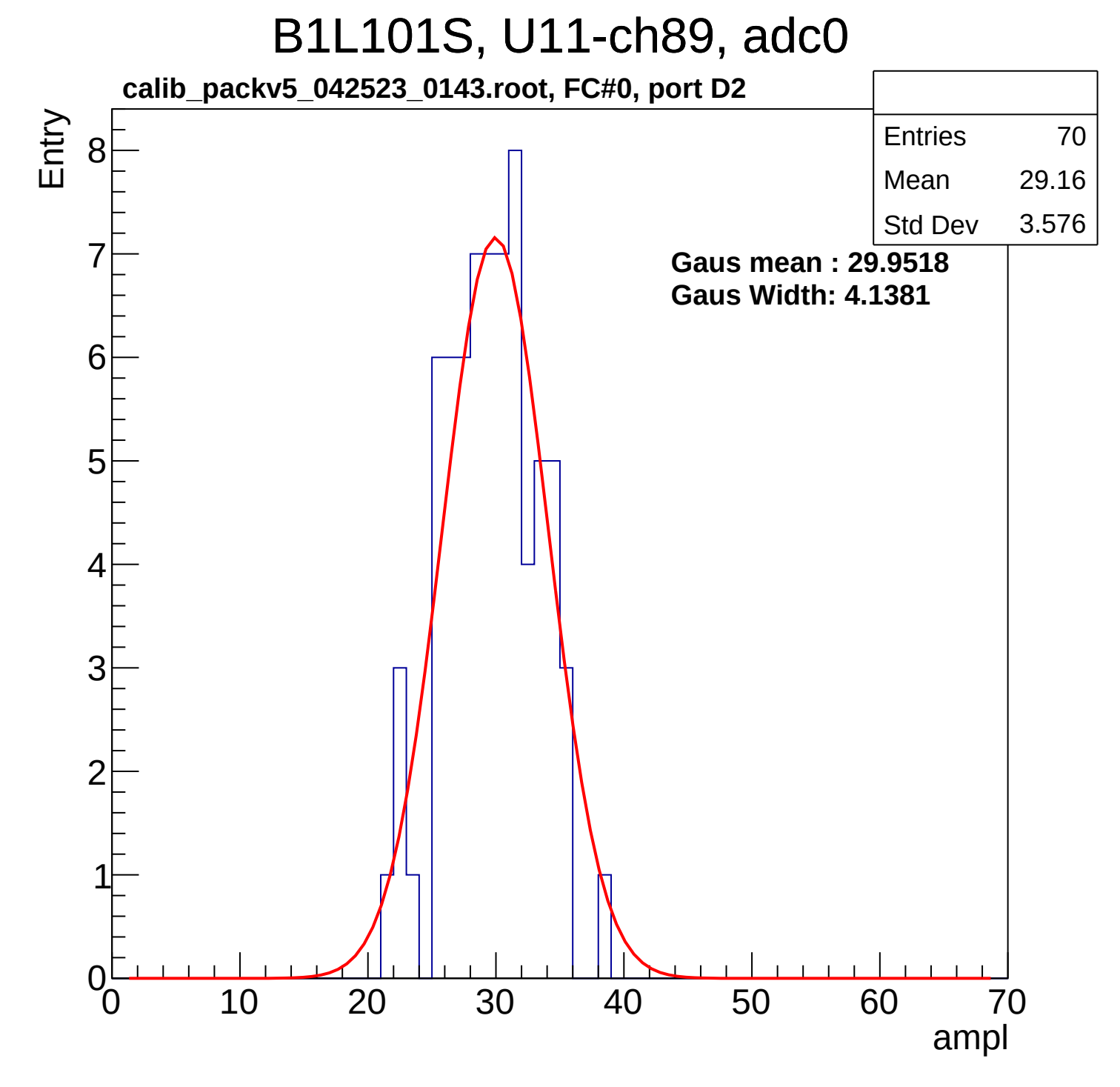
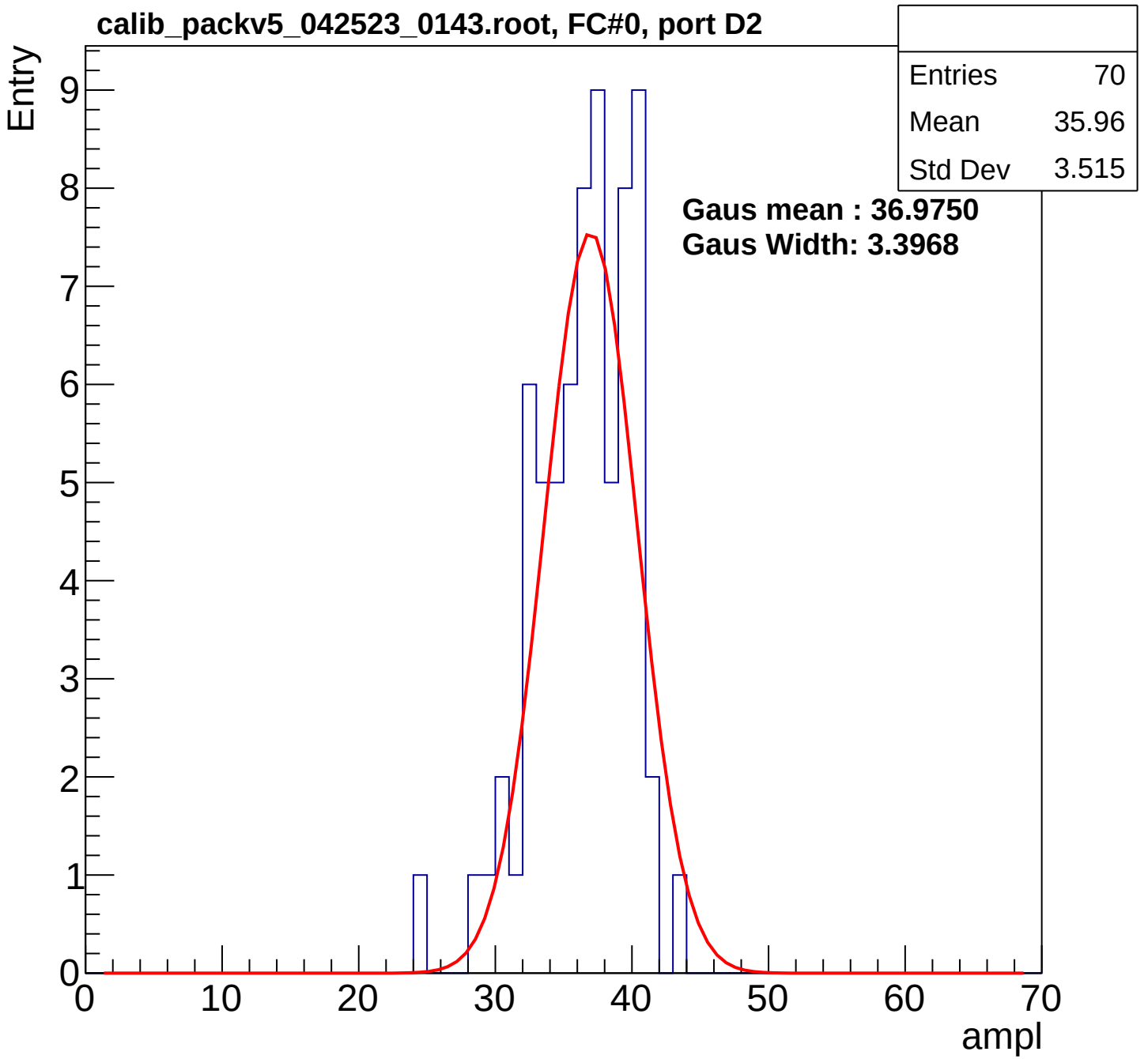
40
50
60
70


B1L101S, U11-ch88, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 21
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch89, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 29.16
Std Dev 3.576
Gaus mean : 29.9518
Gaus Width: 4.1381
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch89, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 35.96
Std Dev 3.515
Gaus mean : 36.9750
Gaus Width: 3.3968
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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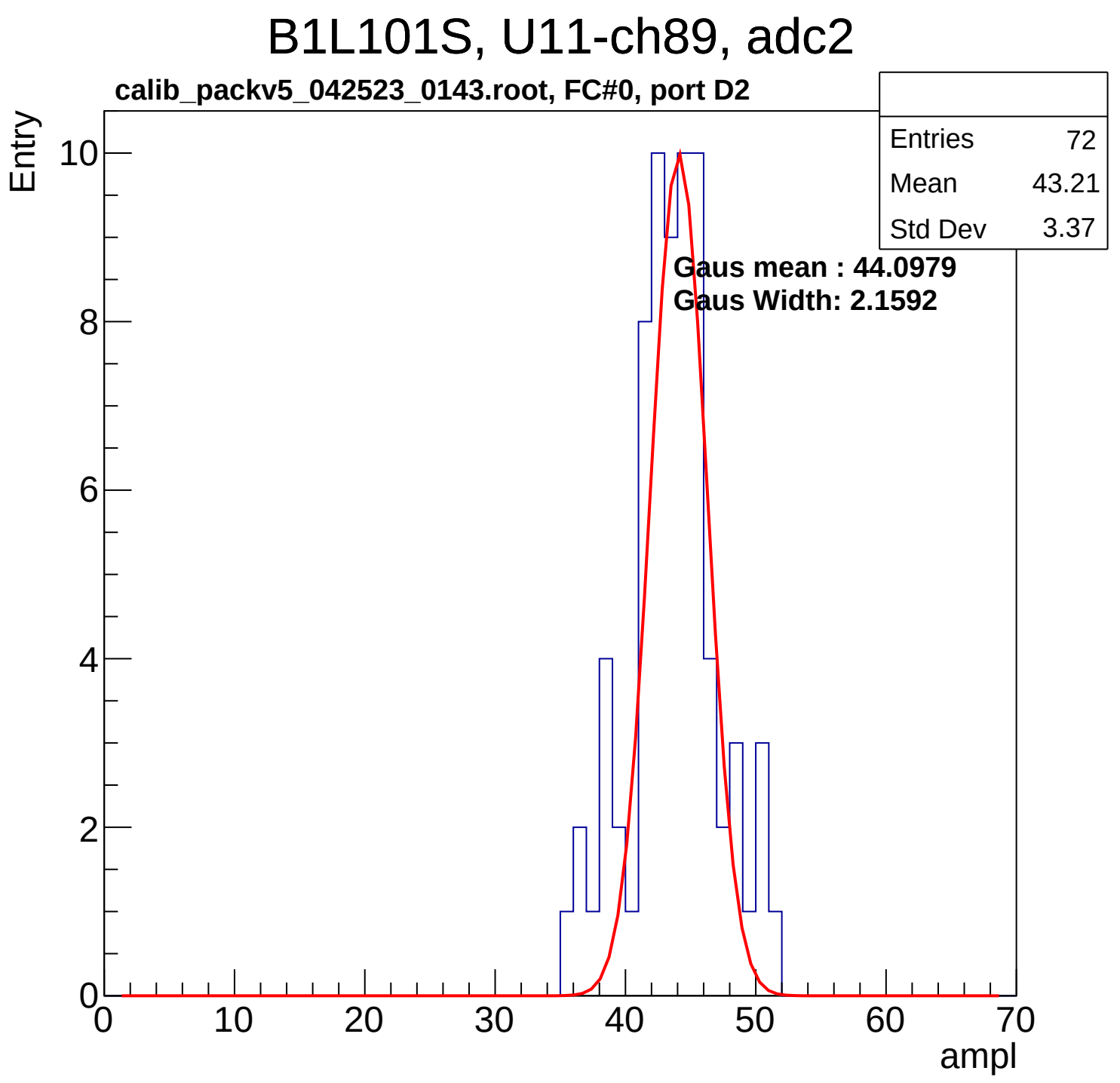
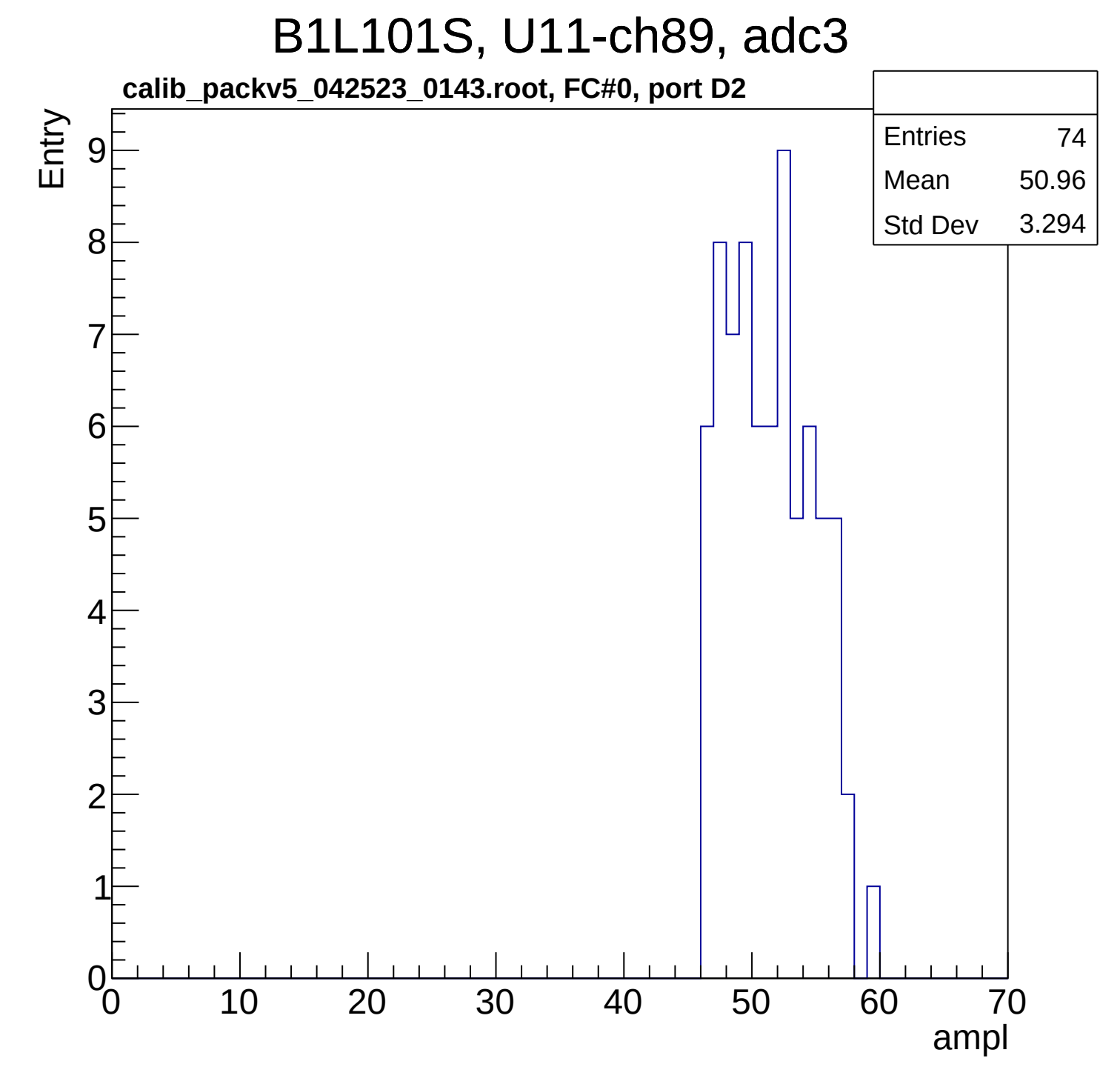
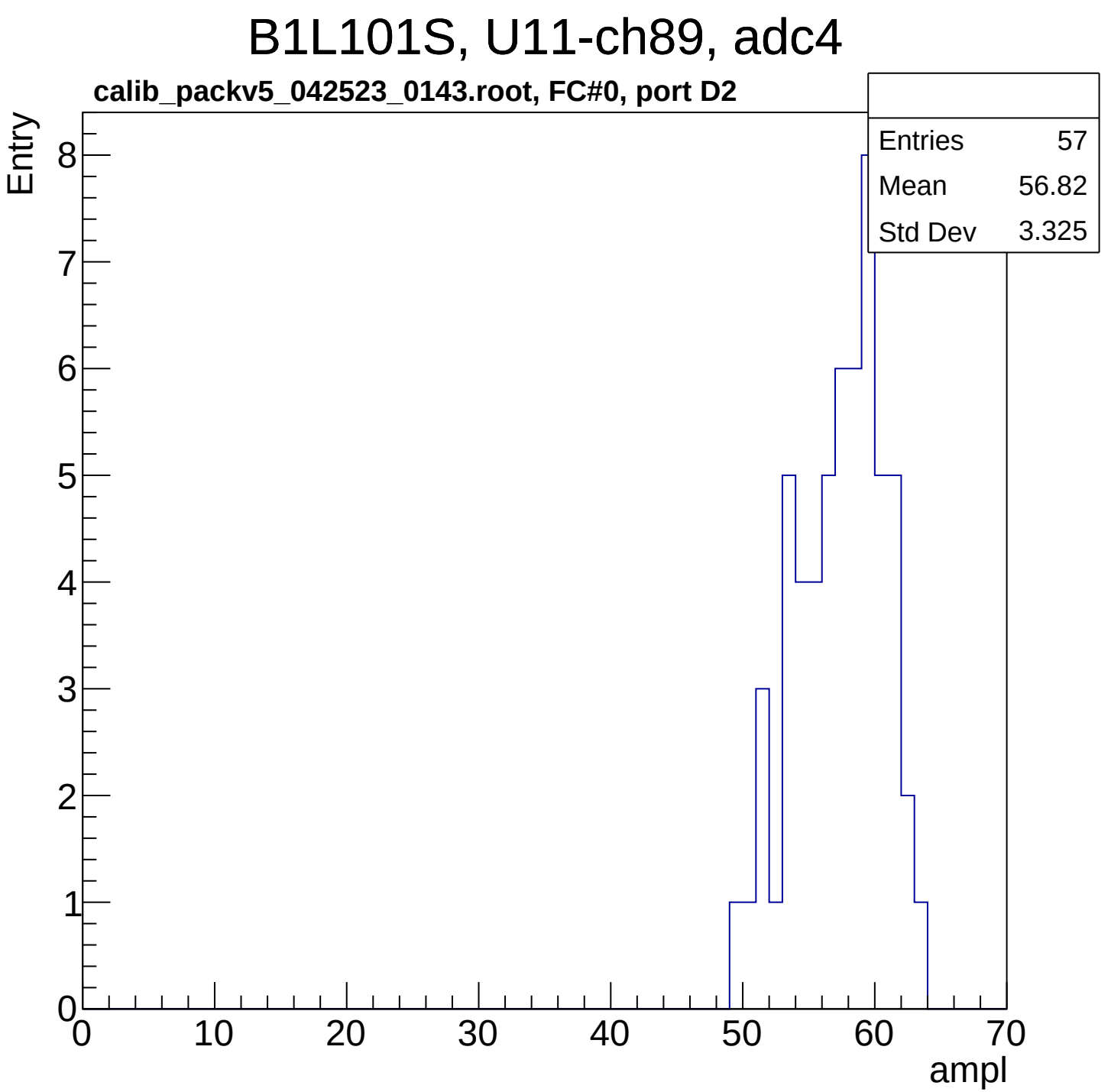

B1L101S, U11-ch89, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 43.21
Std Dev 3.37
Gaus mean : 44.0979
Gaus Width: 2.1592
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch89, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 74
Mean 50.96
Std Dev 3.294
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch89, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 56.82
Std Dev 3.325
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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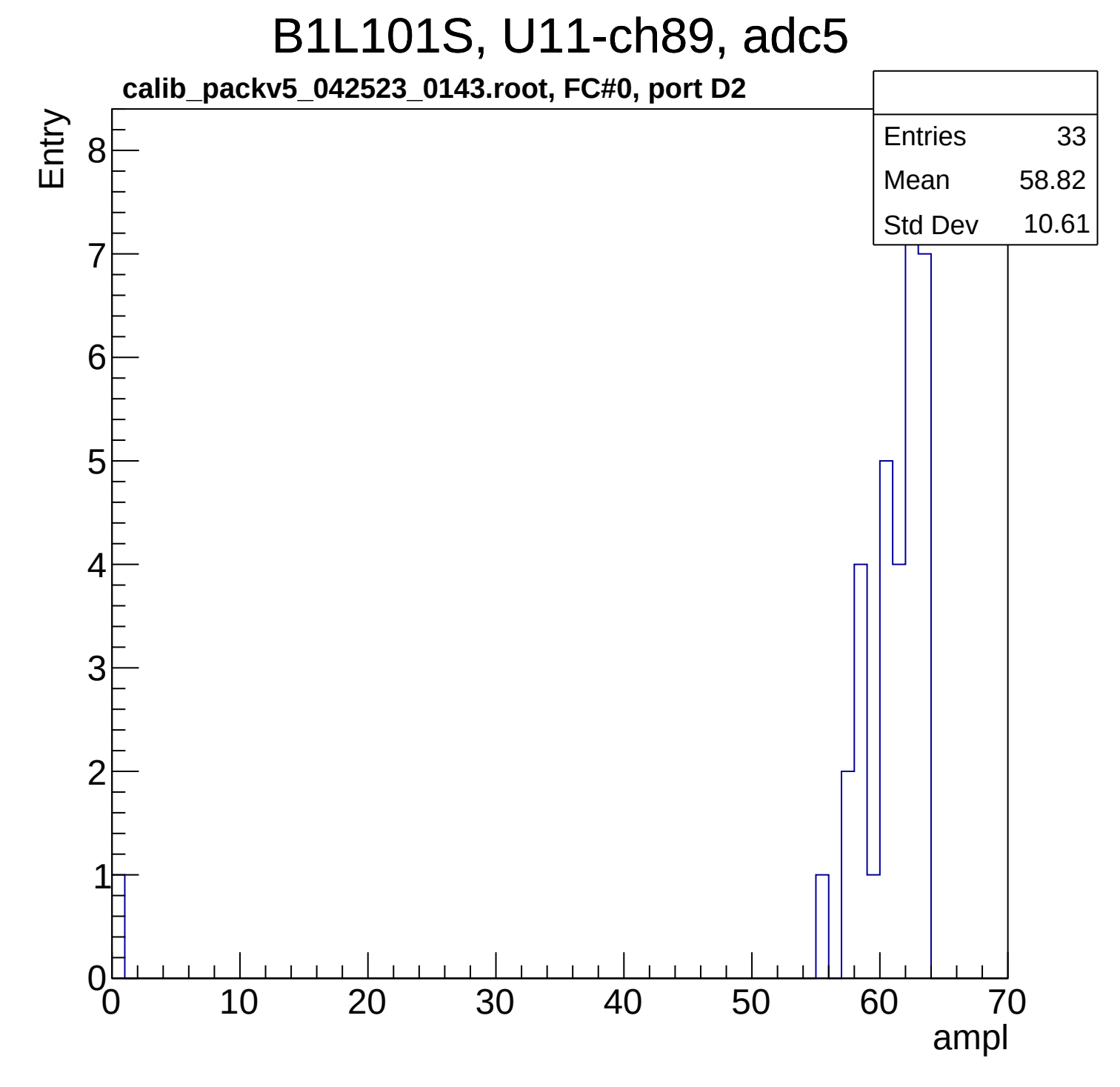
B1L101S, U11-ch89, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 33
Mean 58.82
Std Dev 10.61
Entry
ampl
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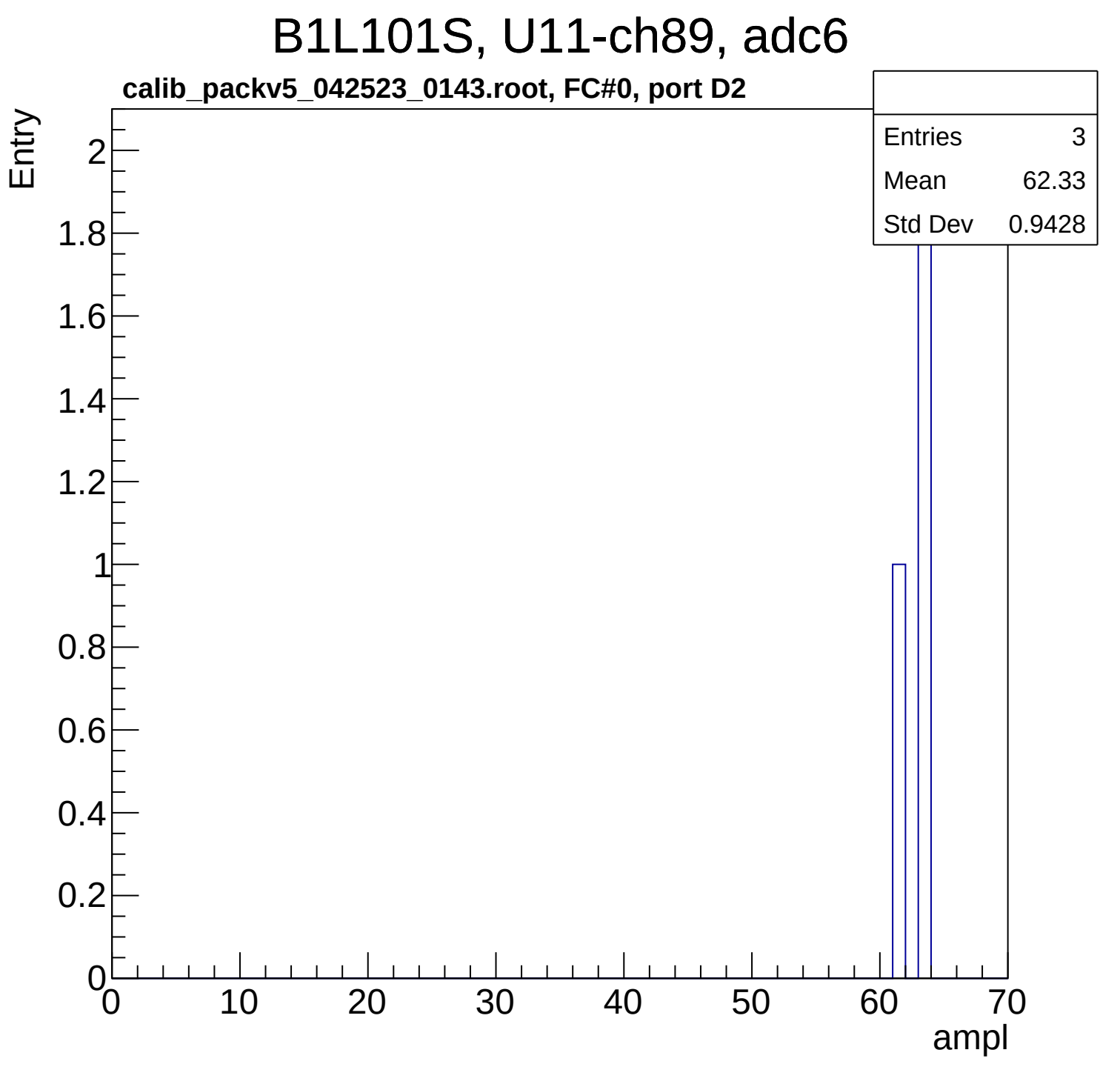
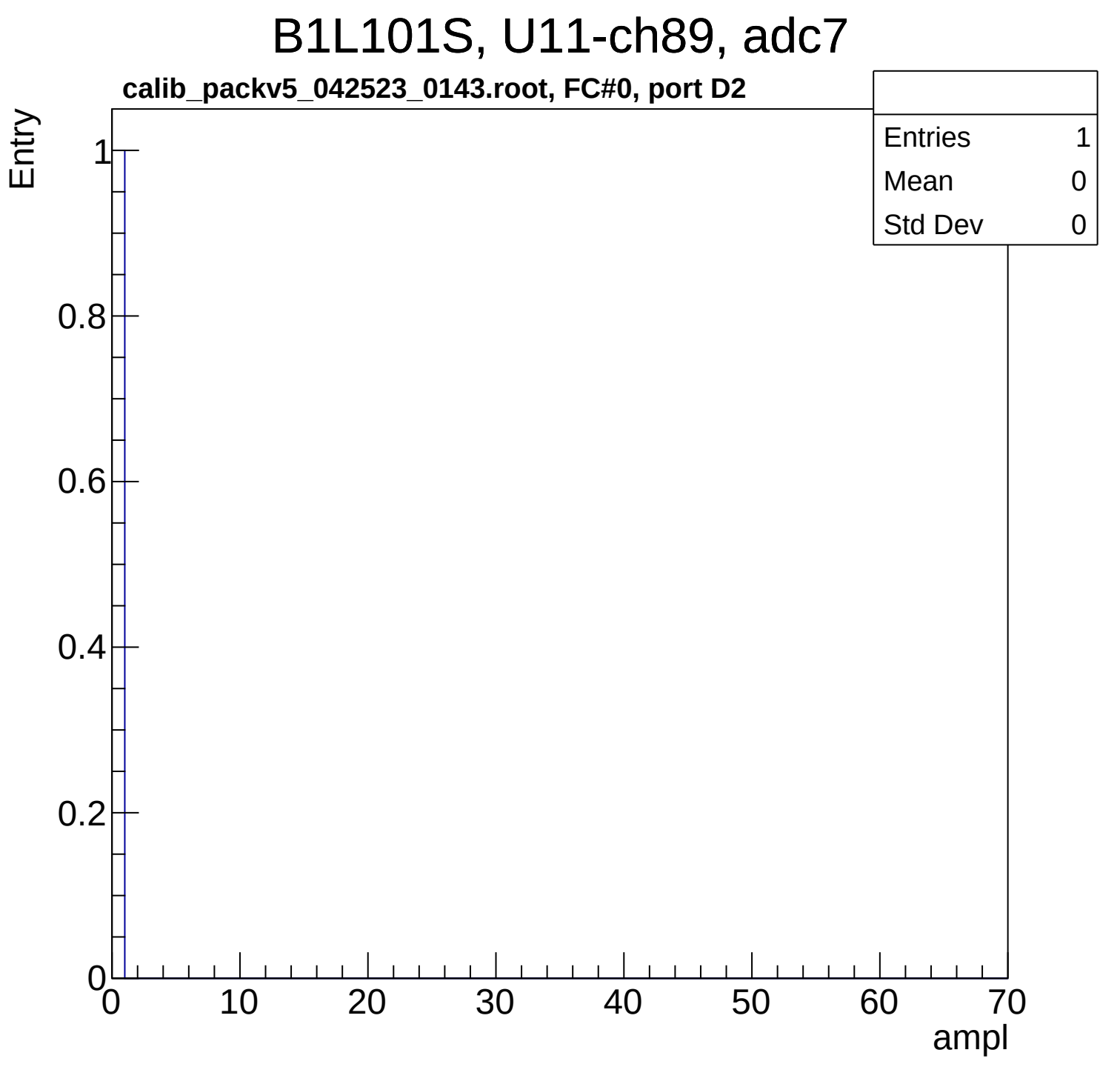
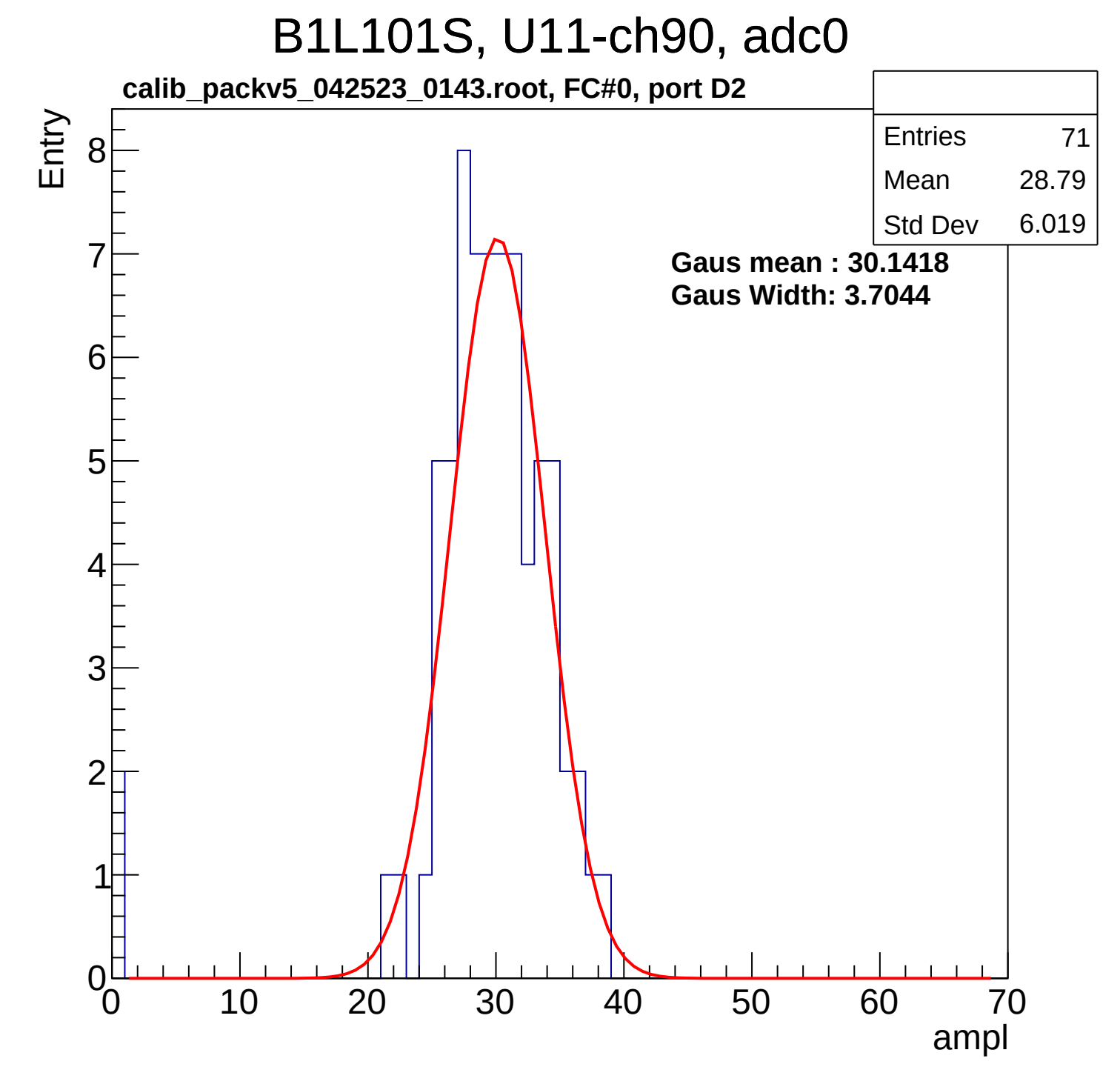
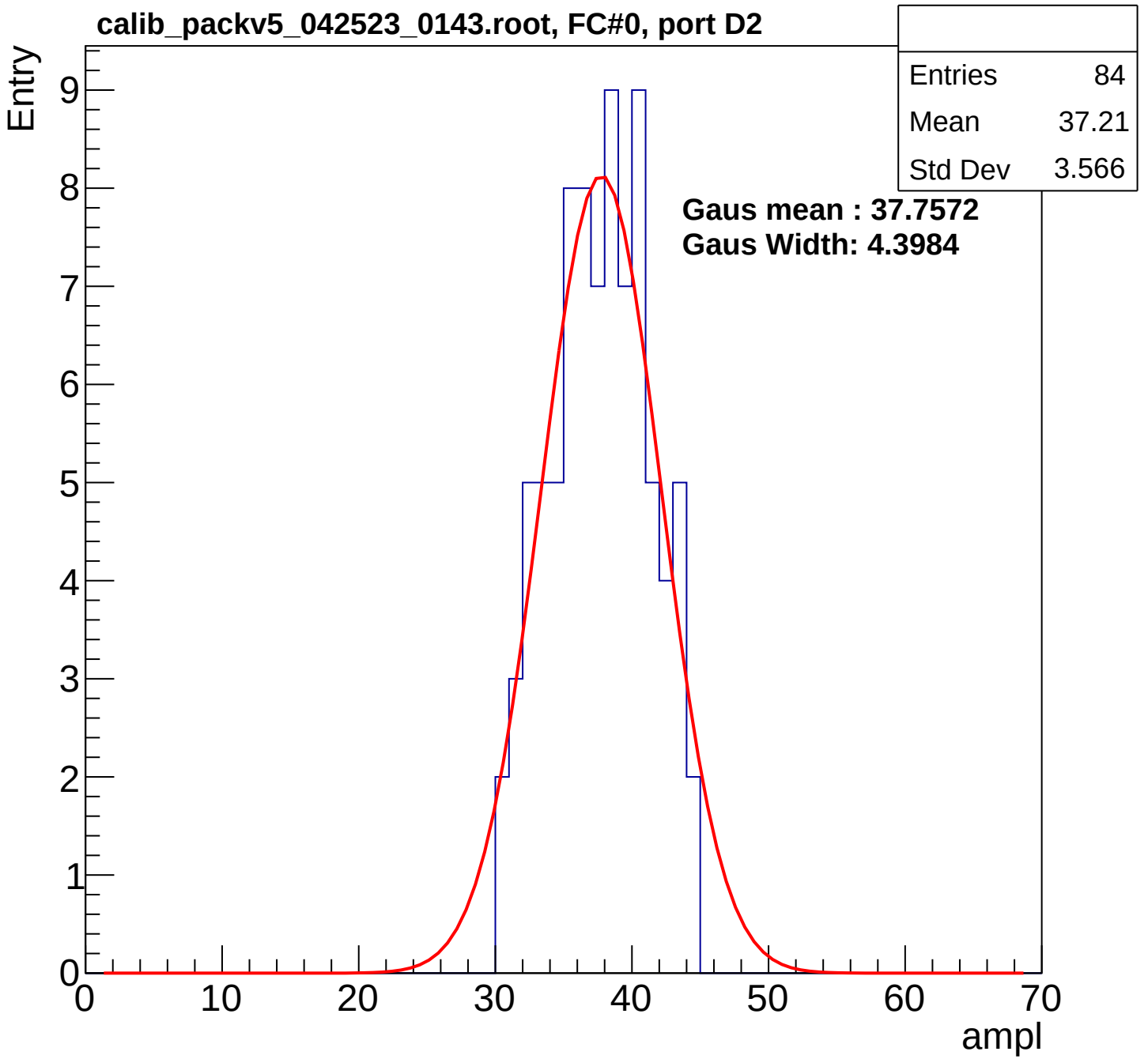
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch89, adc6
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch89, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch90, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 28.79
Std Dev 6.019
Gaus mean : 30.1418
Gaus Width: 3.7044
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch90, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 84
Mean 37.21
Std Dev 3.566
Gaus mean : 37.7572
Gaus Width: 4.3984
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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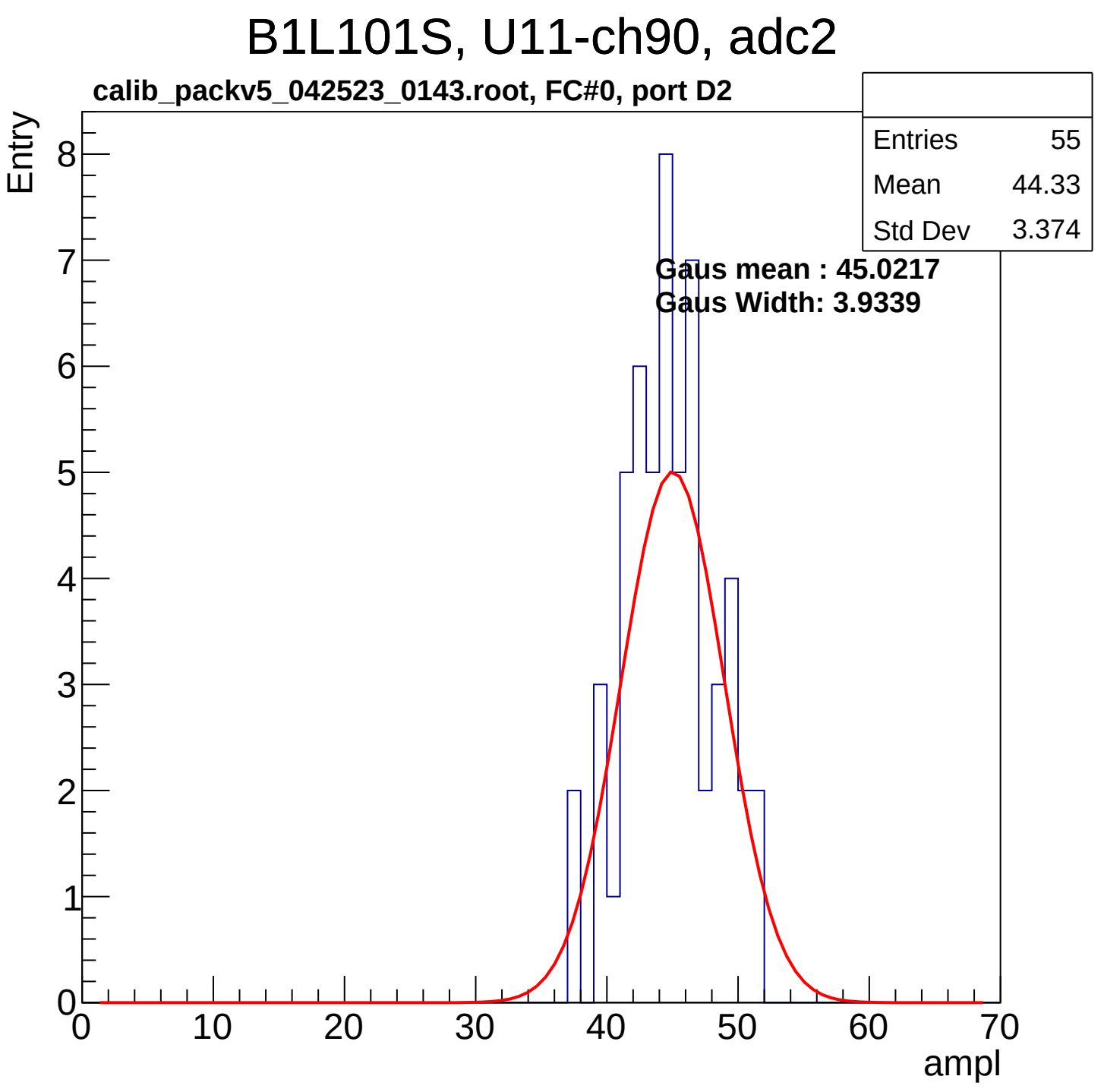
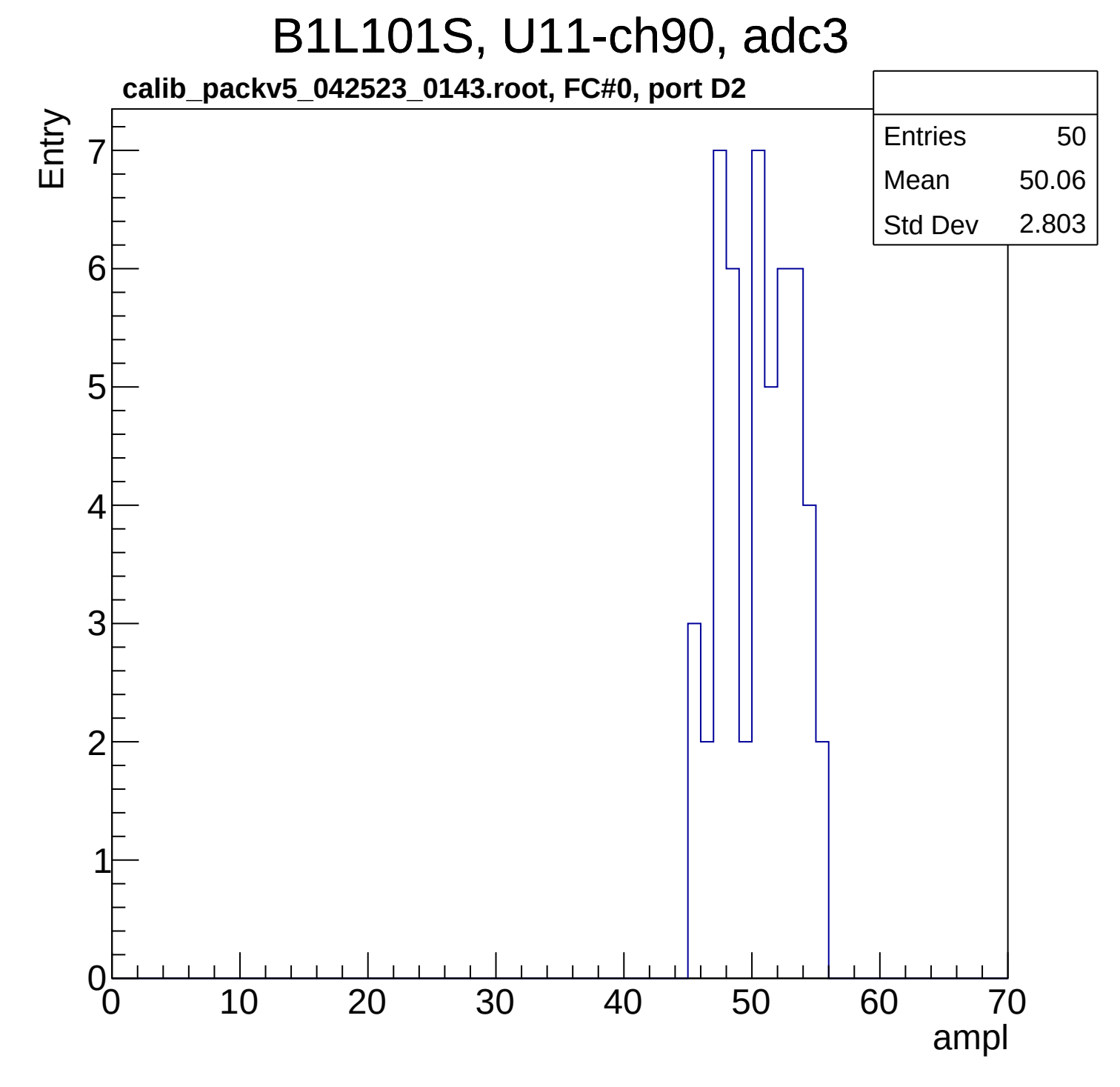
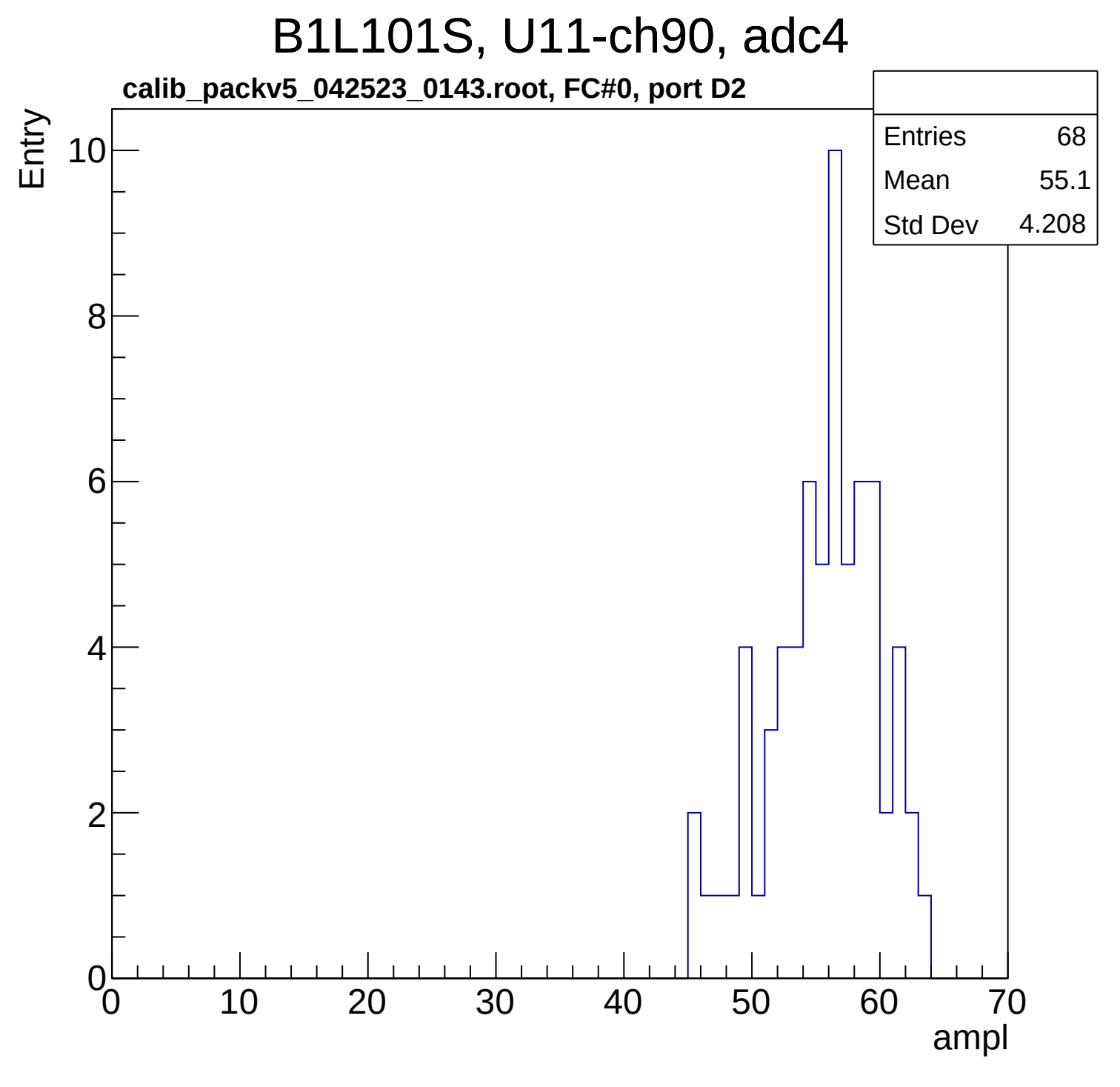
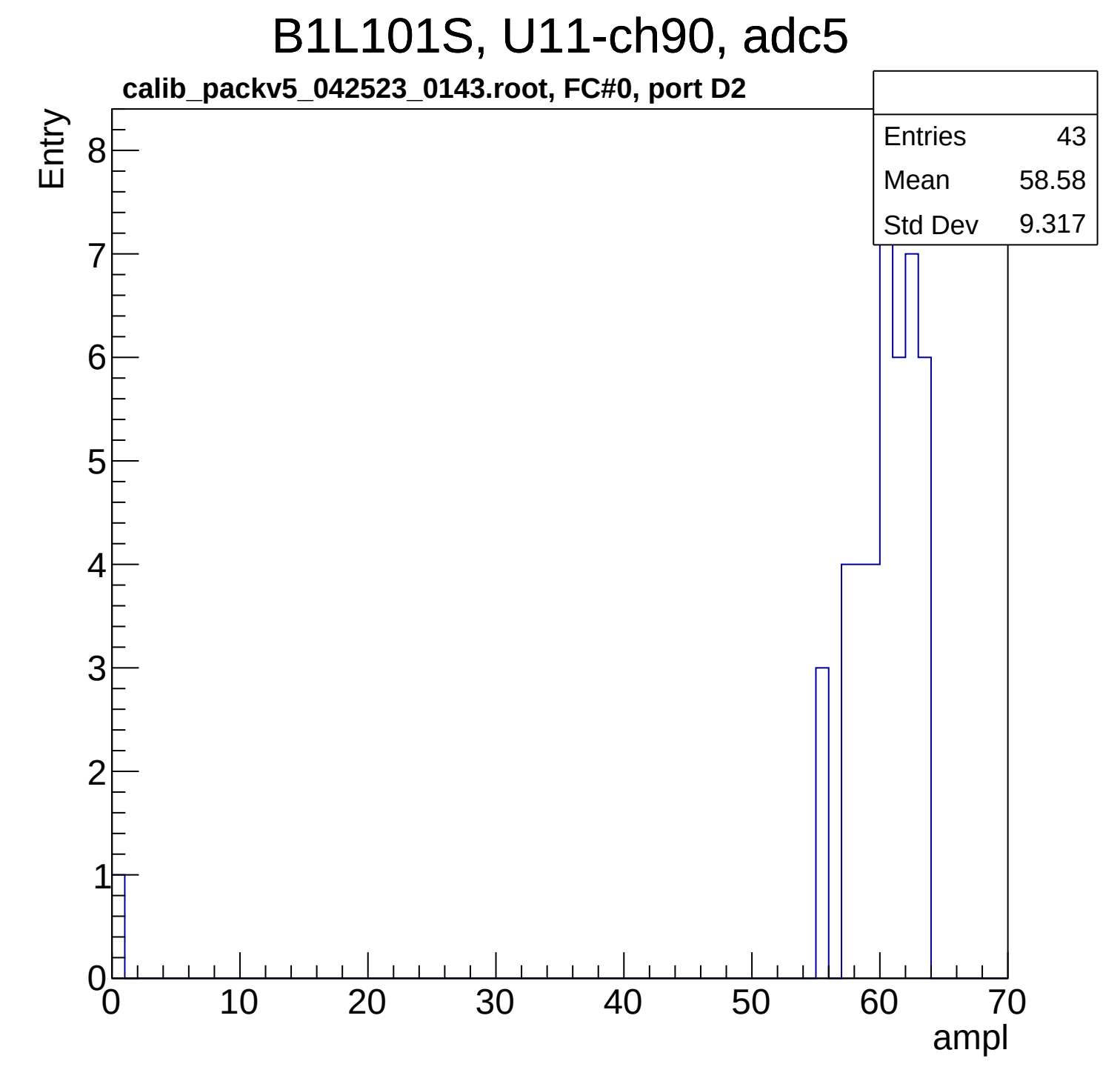
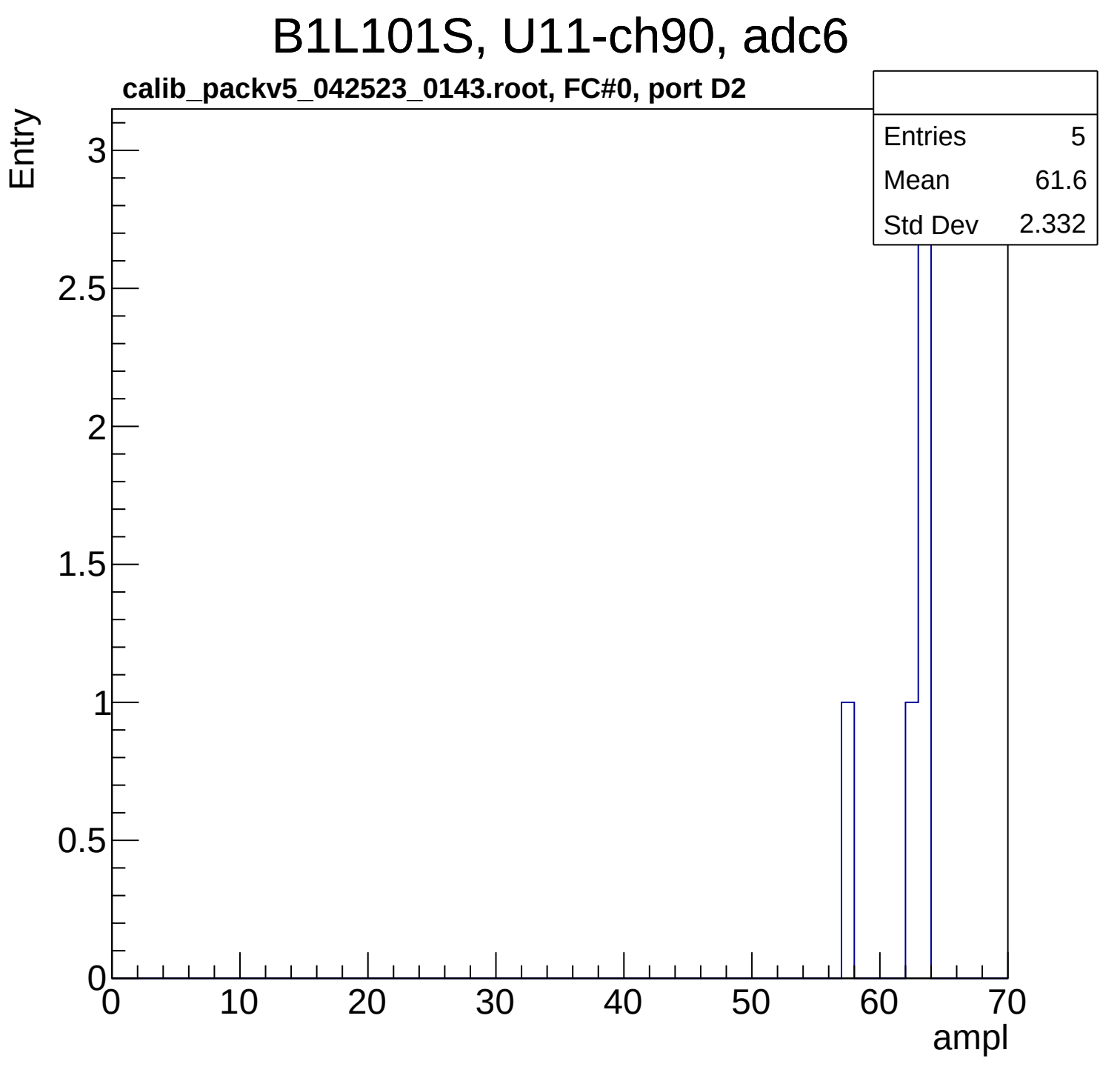
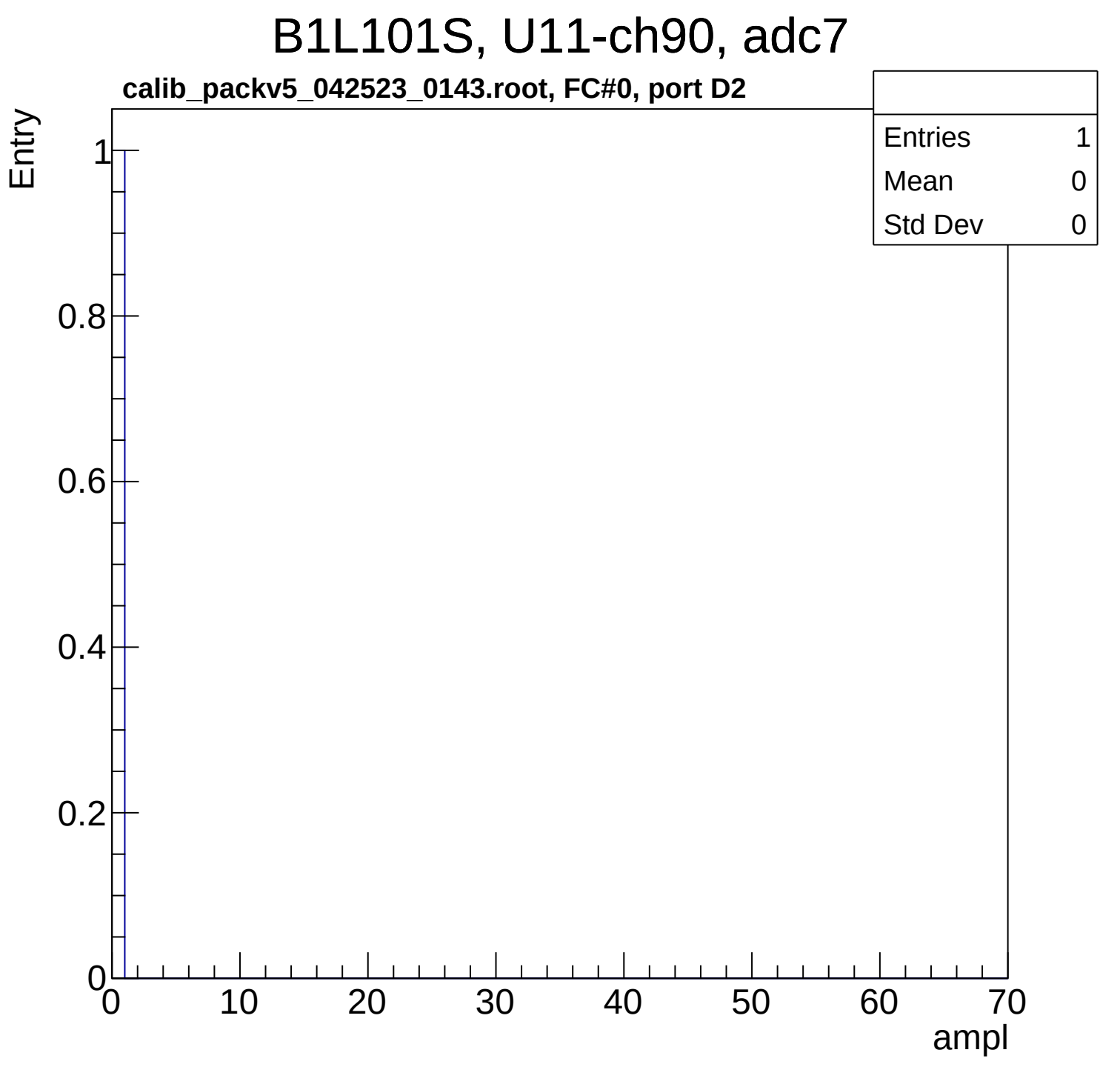

B1L101S, U11-ch90, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 44.33
Std Dev 3.374
Gaus mean : 45.0217
Gaus Width: 3.9339
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

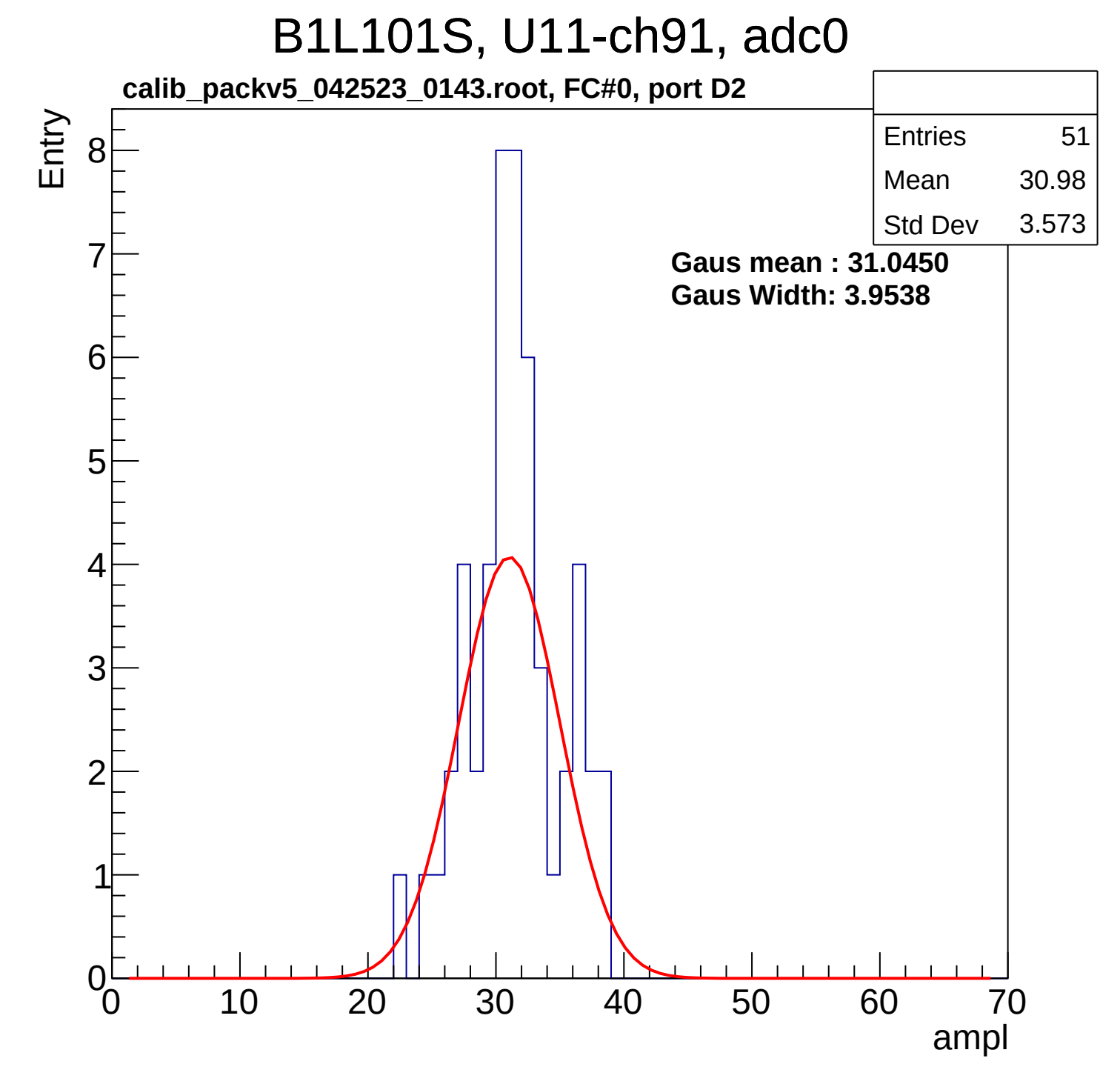

B1L101S, U11-ch90, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 50
Mean 50.06
Std Dev 2.803
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

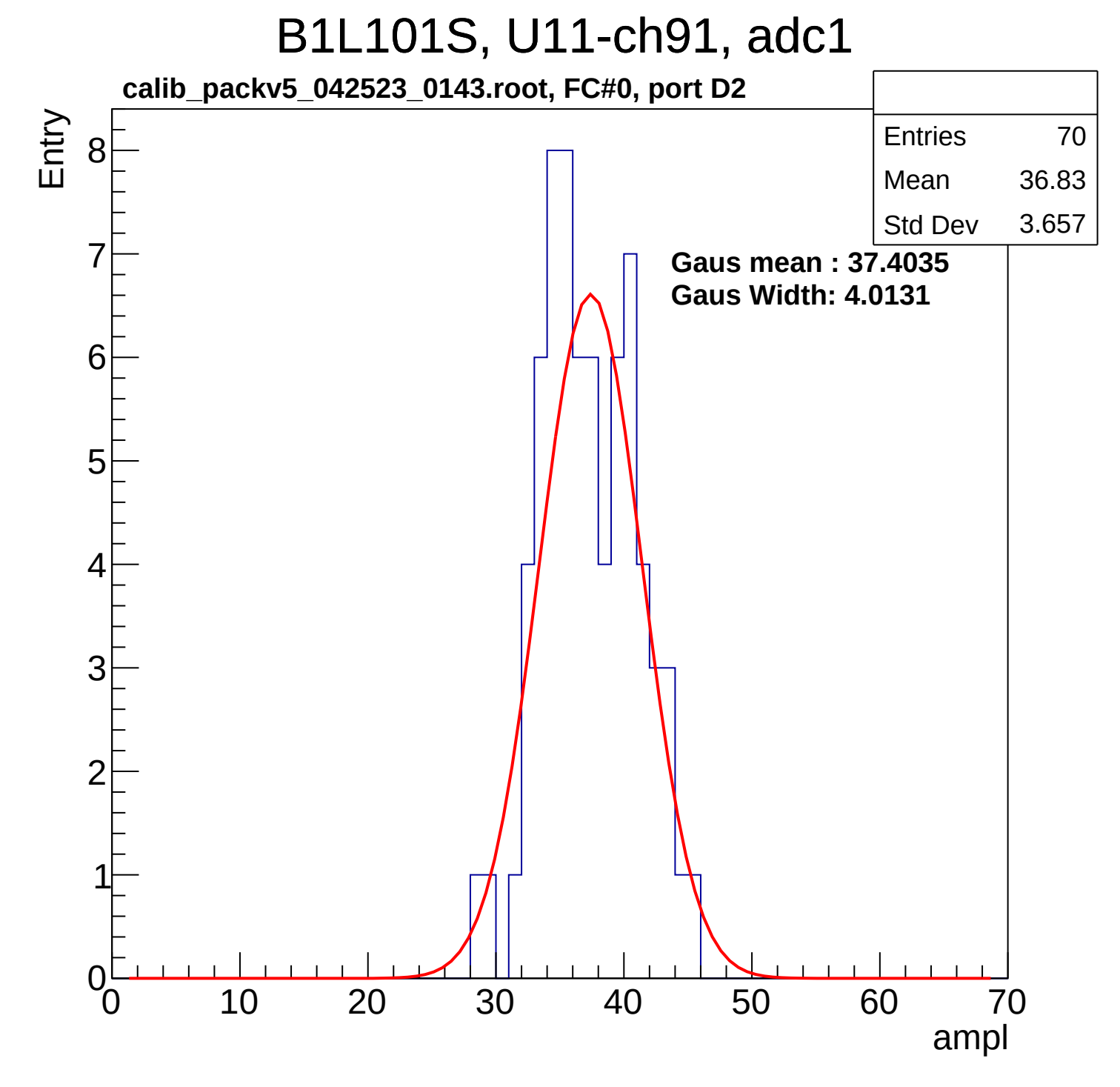

B1L101S, U11-ch90, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 55.1
Std Dev 4.208
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

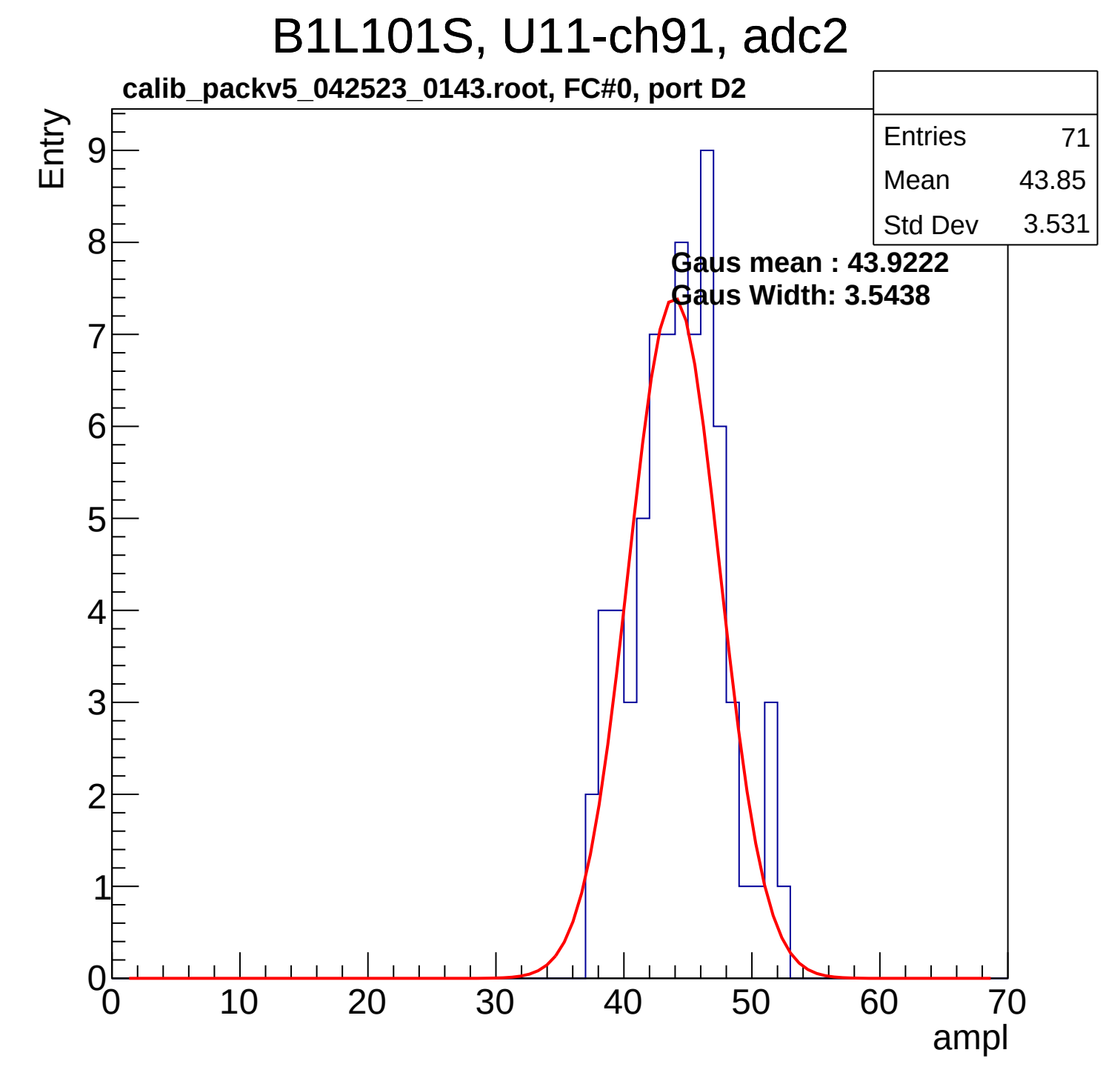

B1L101S, U11-ch90, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 43
Mean 58.58
Std Dev 9.317
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

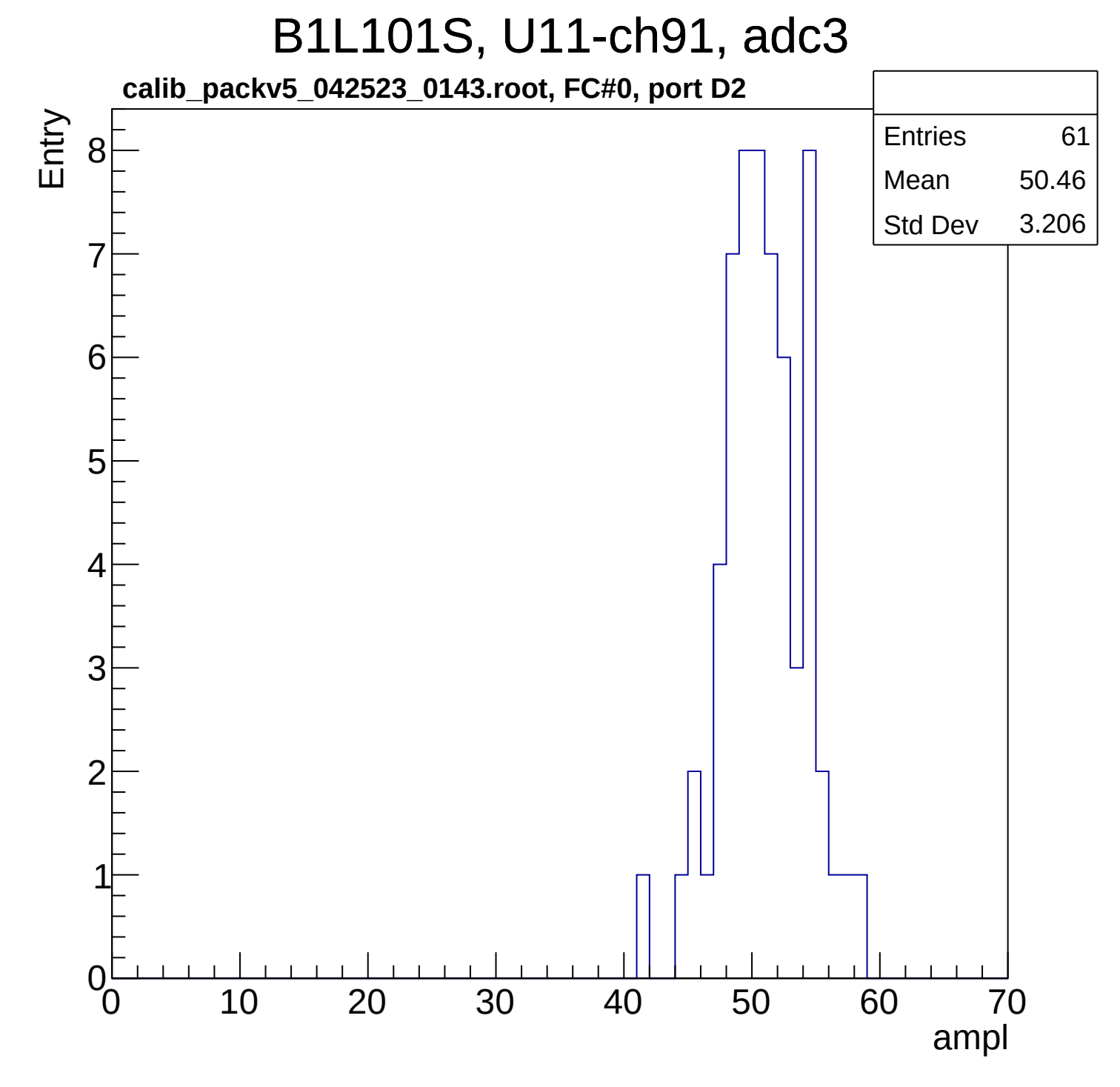

B1L101S, U11-ch90, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 5
Mean 61.6
Std Dev 2.332
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L101S, U11-ch90, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch91, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 30.98
Std Dev 3.573
Gaus mean : 31.0450
Gaus Width: 3.9538
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch91, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 36.83
Std Dev 3.657
Gaus mean : 37.4035
Gaus Width: 4.0131
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch91, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 43.85
Std Dev 3.531
Gaus mean : 43.9222
Gaus Width: 3.5438
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch91, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 50.46
Std Dev 3.206
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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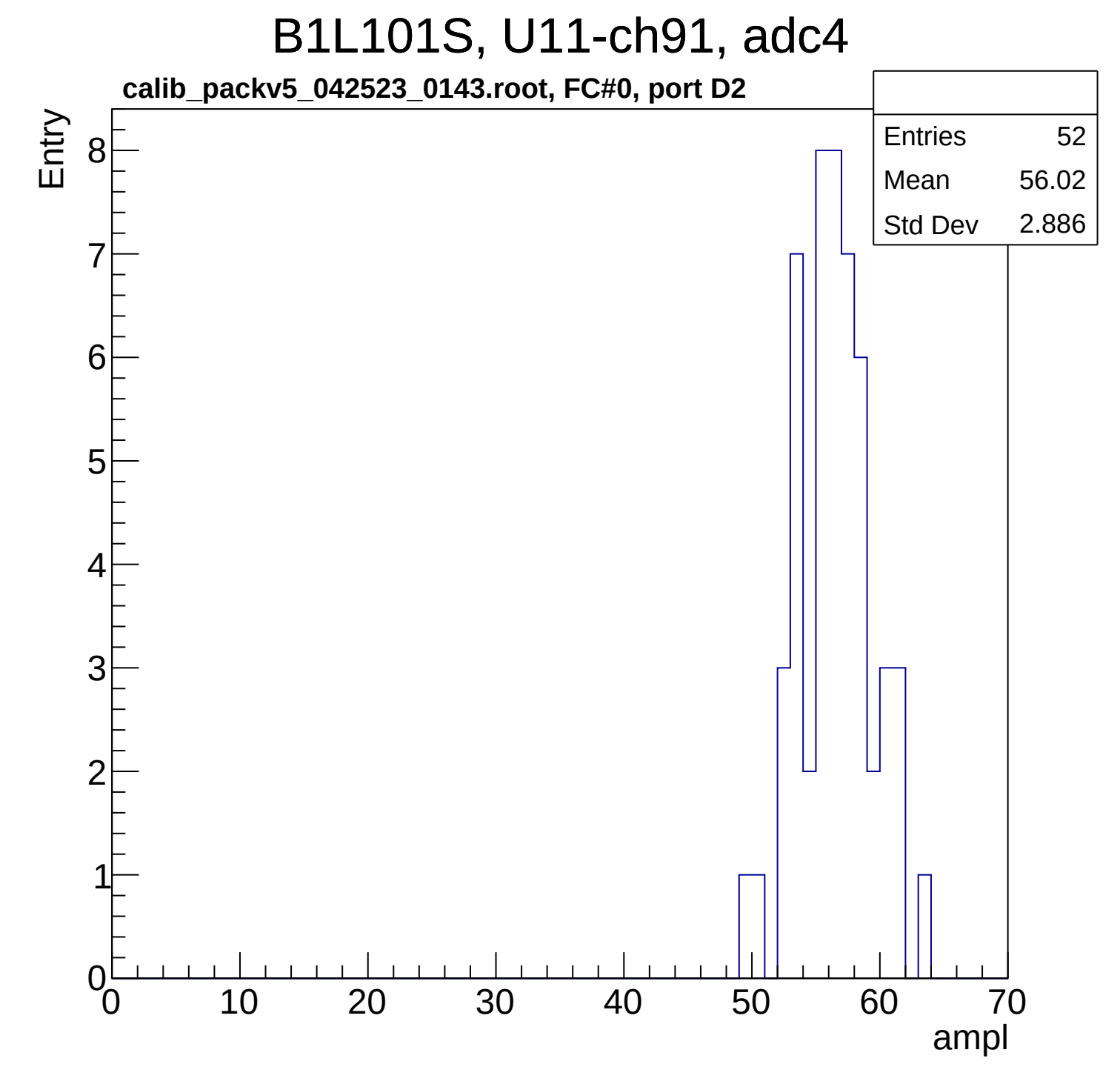
40
50
60
70


B1L101S, U11-ch91, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 56.02
Std Dev 2.886
Entry
ampl
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1
2
3
4
5
6
7
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0
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20
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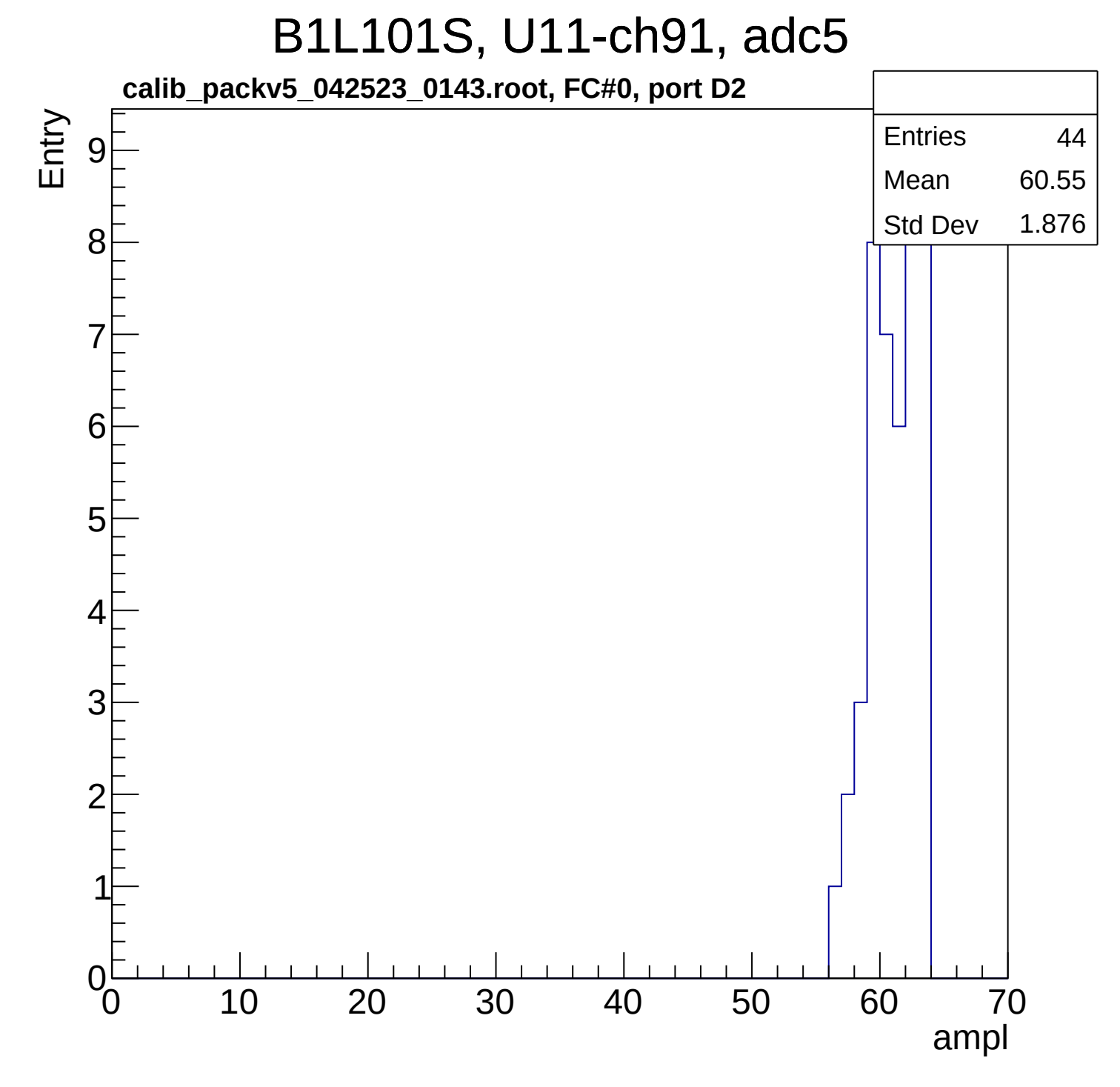
40
50
60
70


B1L101S, U11-ch91, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 44
Mean 60.55
Std Dev 1.876
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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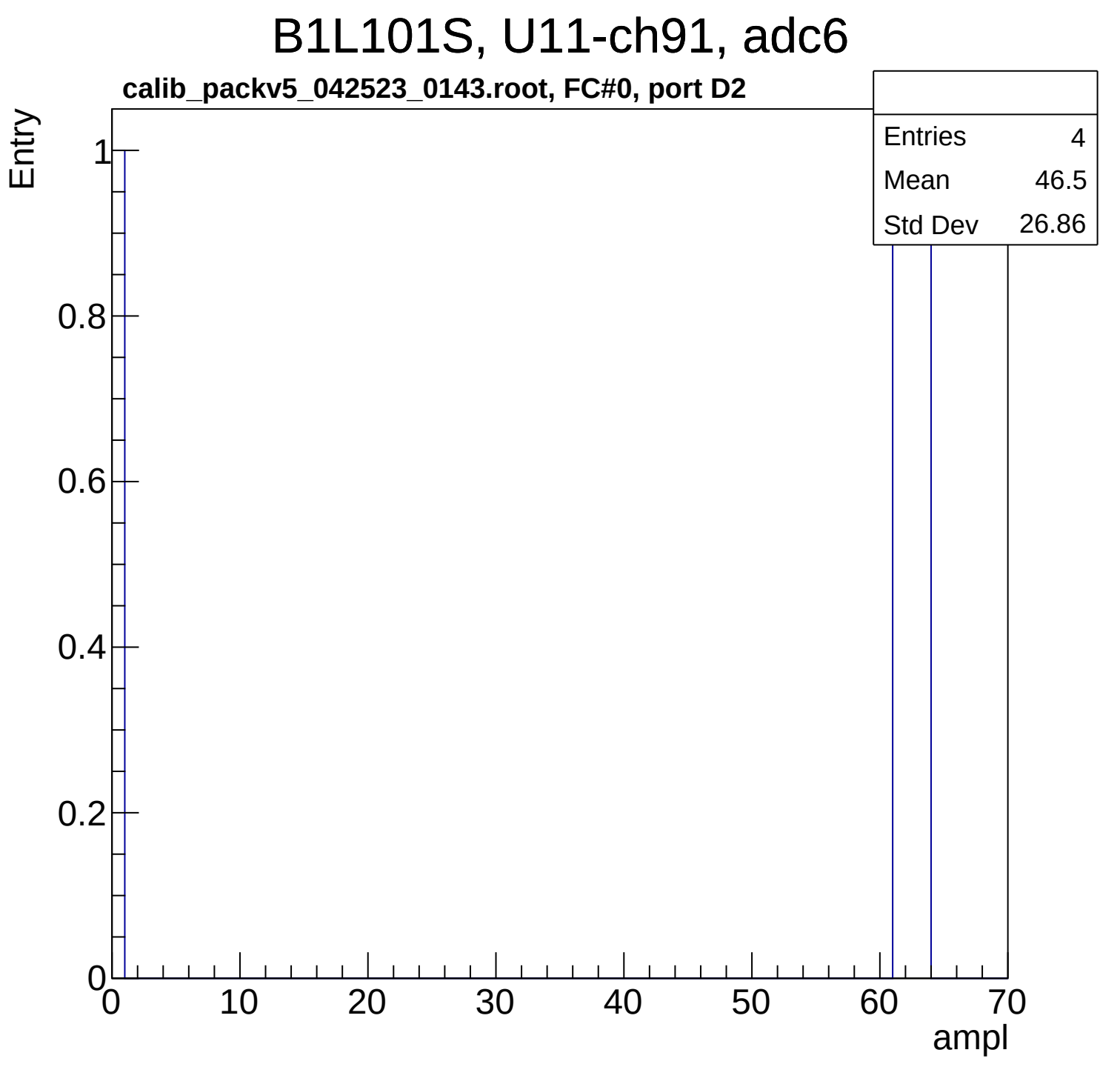
40
50
60
70


B1L101S, U11-ch91, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 46.5
Std Dev 26.86
Entry
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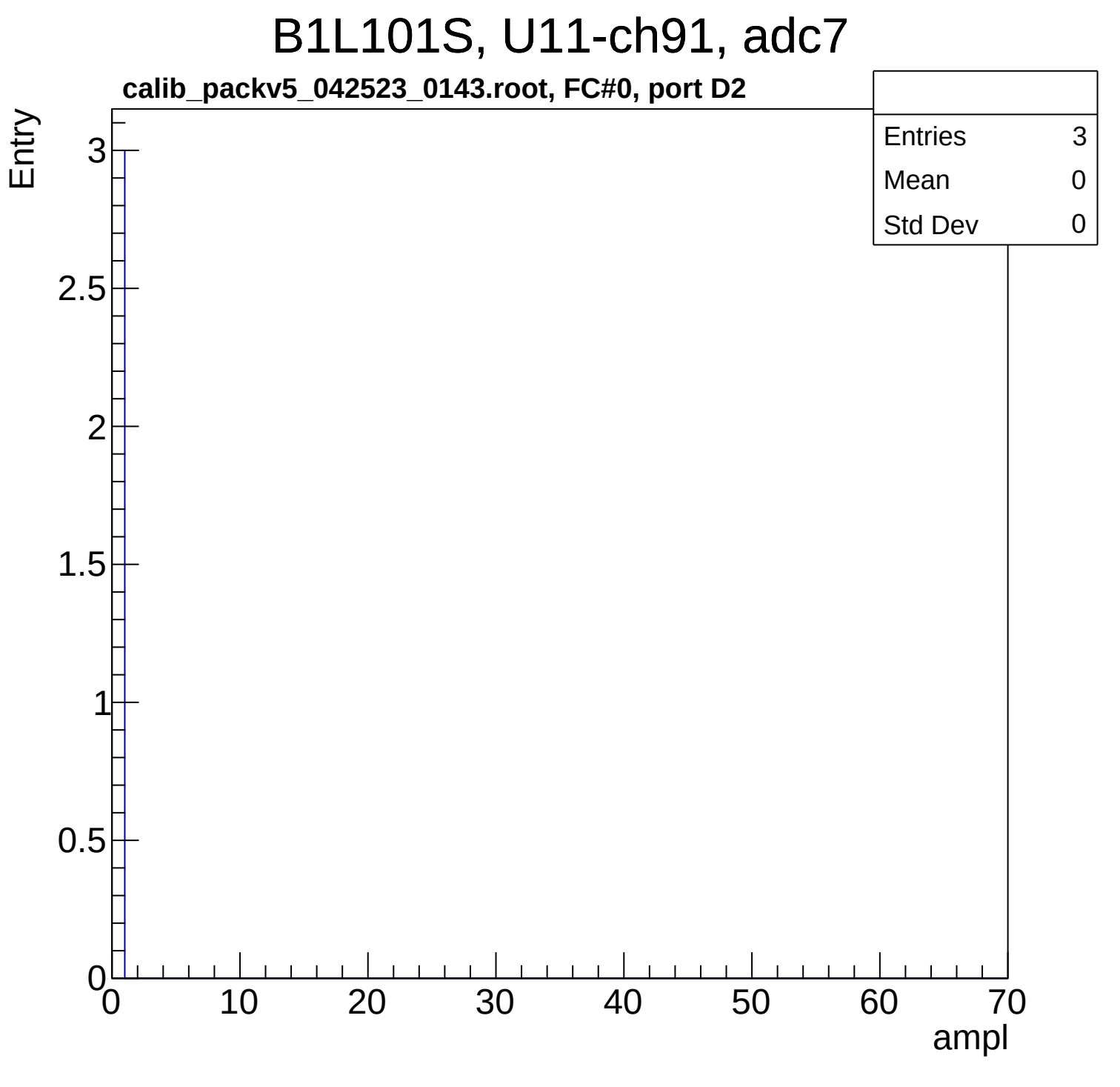
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch91, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 0
Std Dev 0
Entry
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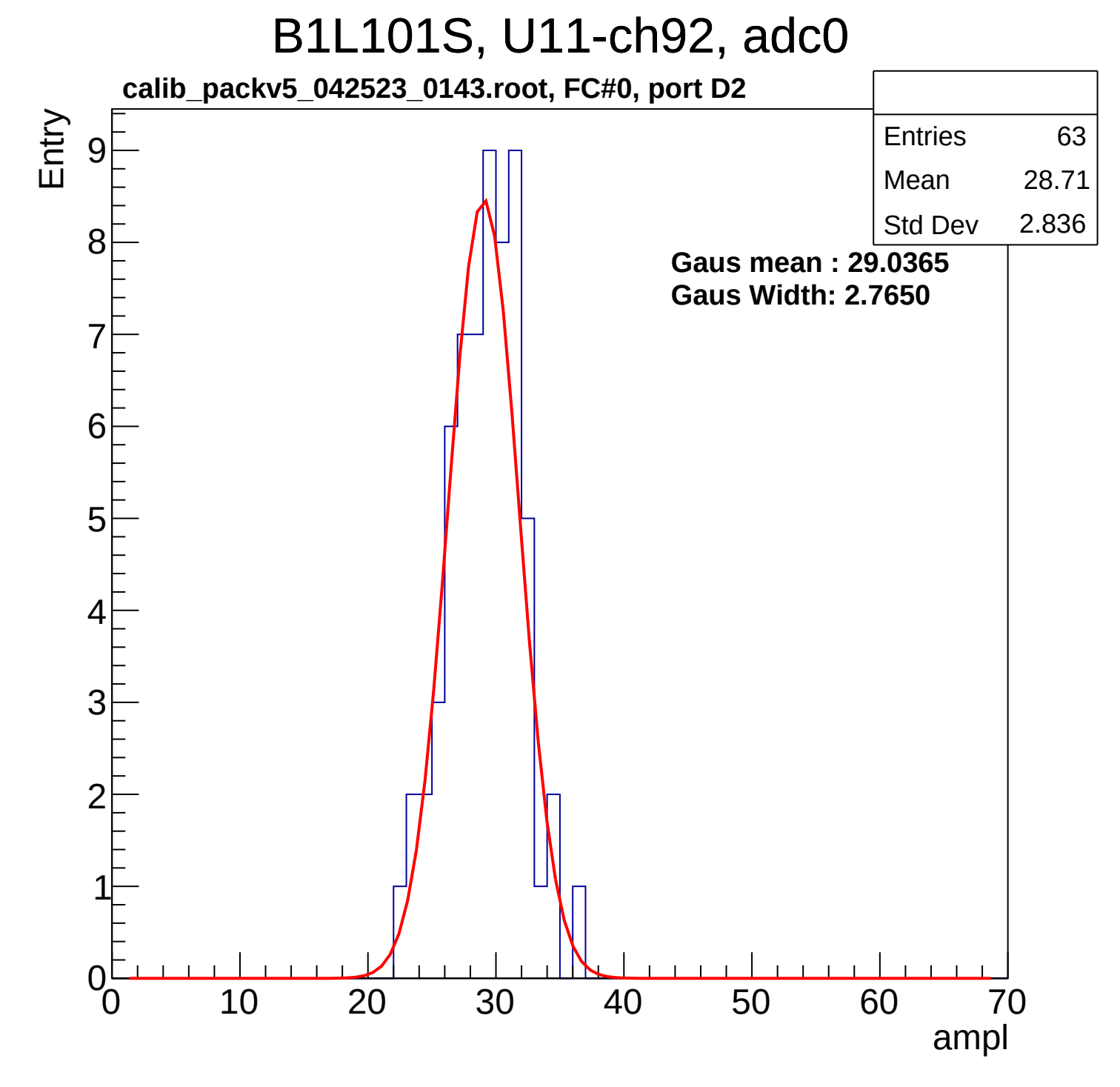
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch92, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 28.71
Std Dev 2.836
Gaus mean : 29.0365
Gaus Width: 2.7650
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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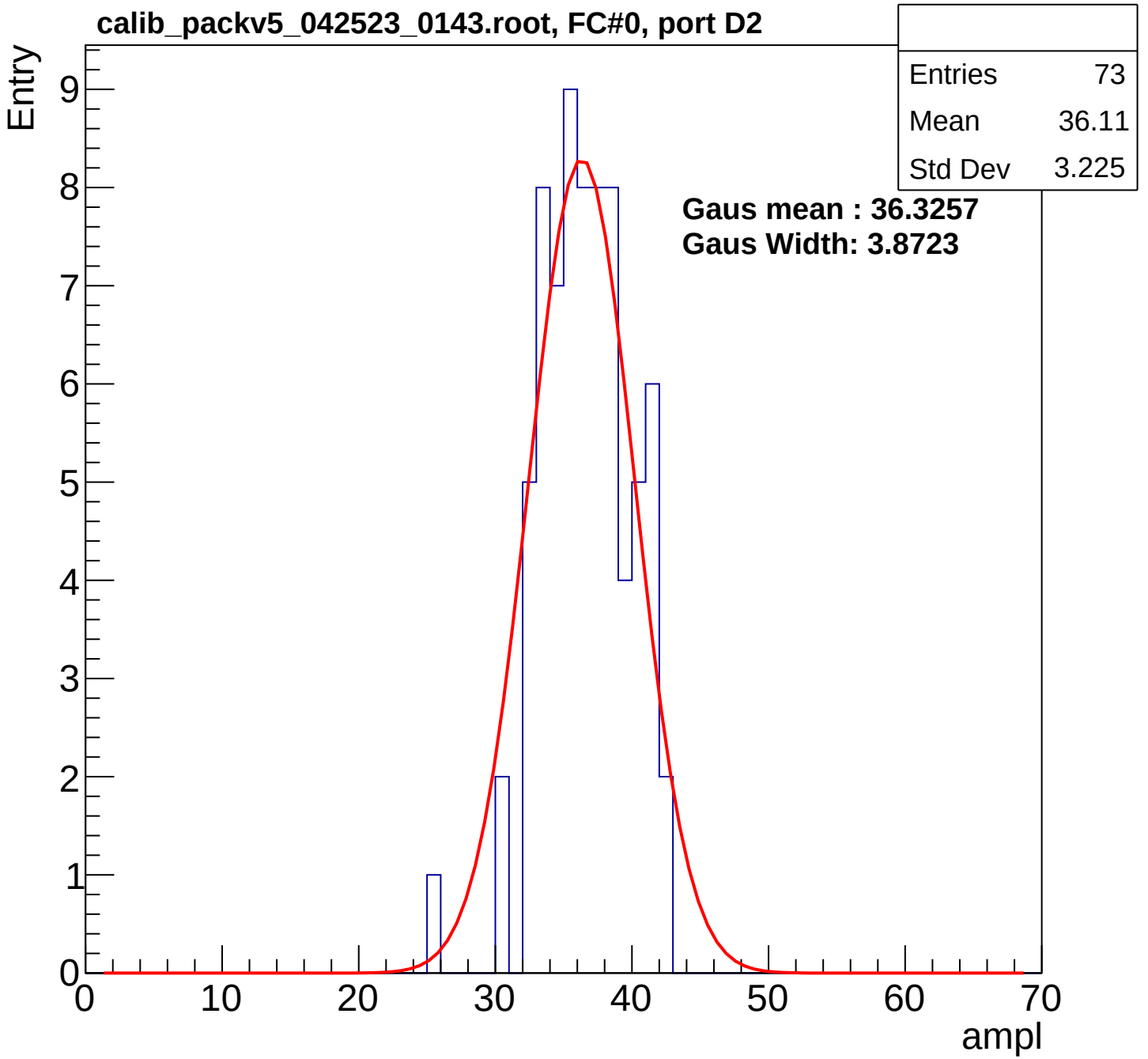
B1L101S, U11-ch92, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 36.11
Std Dev 3.225
Gaus mean : 36.3257
Gaus Width: 3.8723
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
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40
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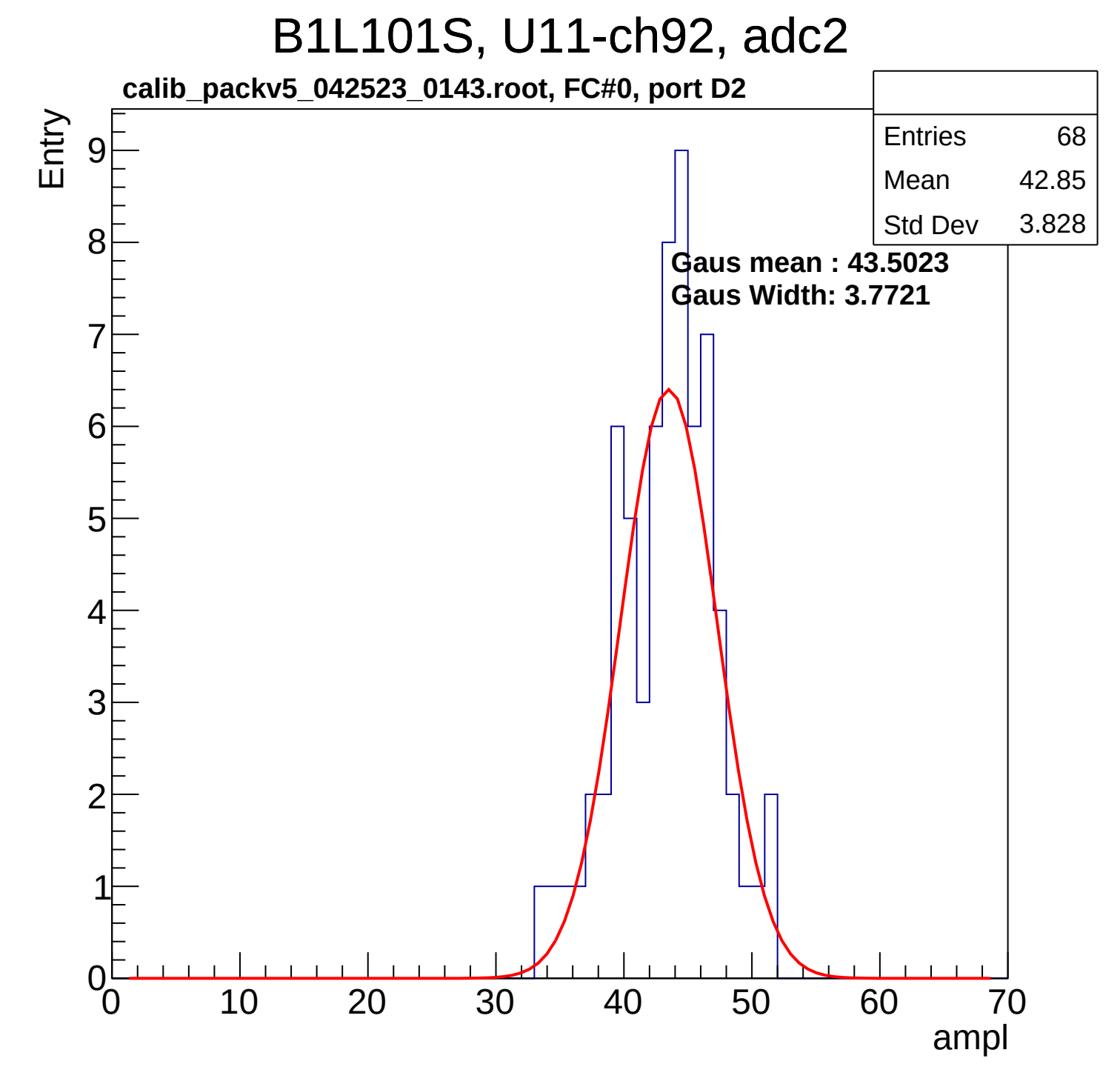
B1L101S, U11-ch92, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 42.85
Std Dev 3.828
Gaus mean : 43.5023
Gaus Width: 3.7721
Entry
ampl
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2
3
4
5
6
7
8
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0
10
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40
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60
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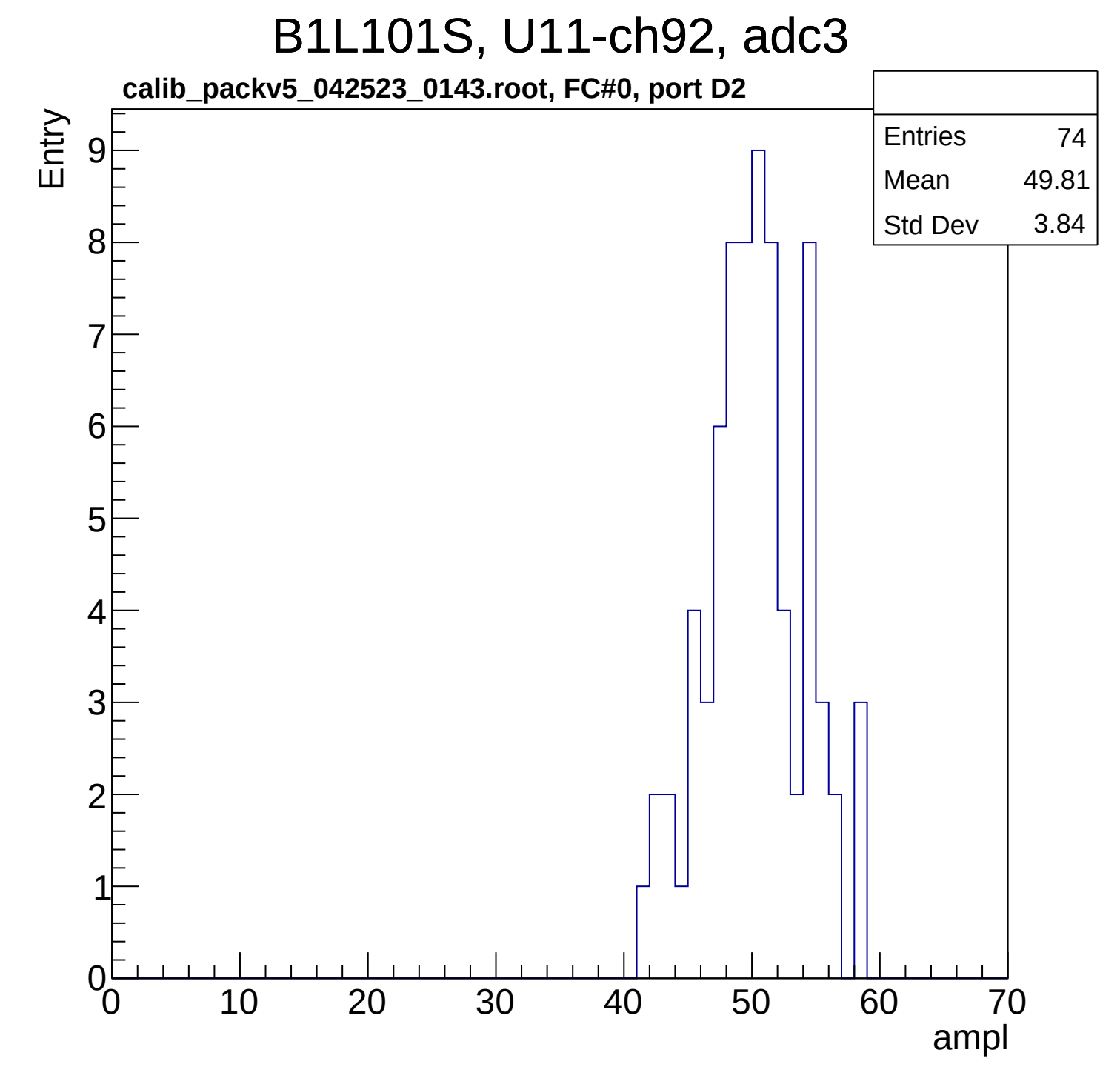
B1L101S, U11-ch92, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 74
Mean 49.81
Std Dev 3.84
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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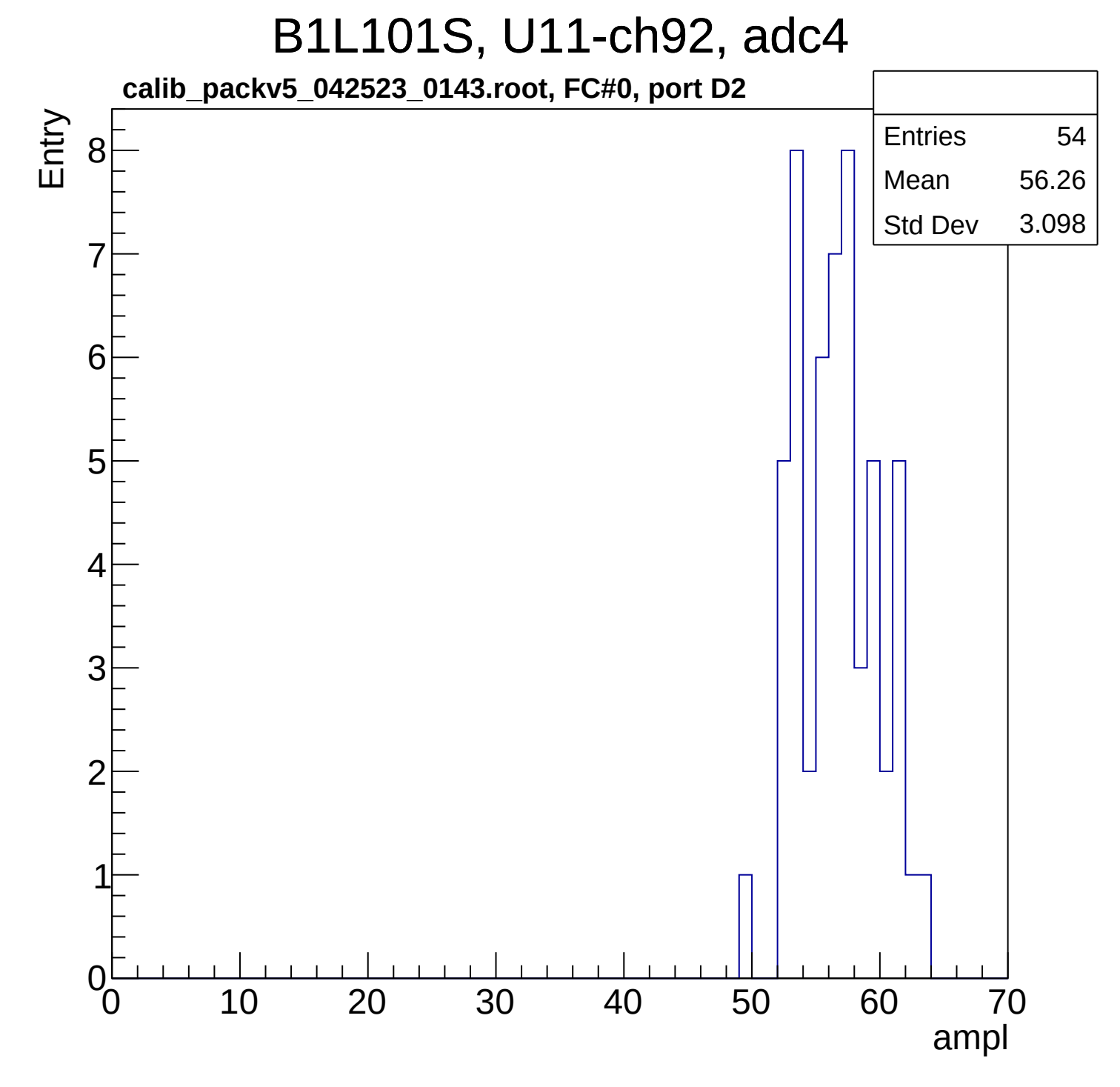
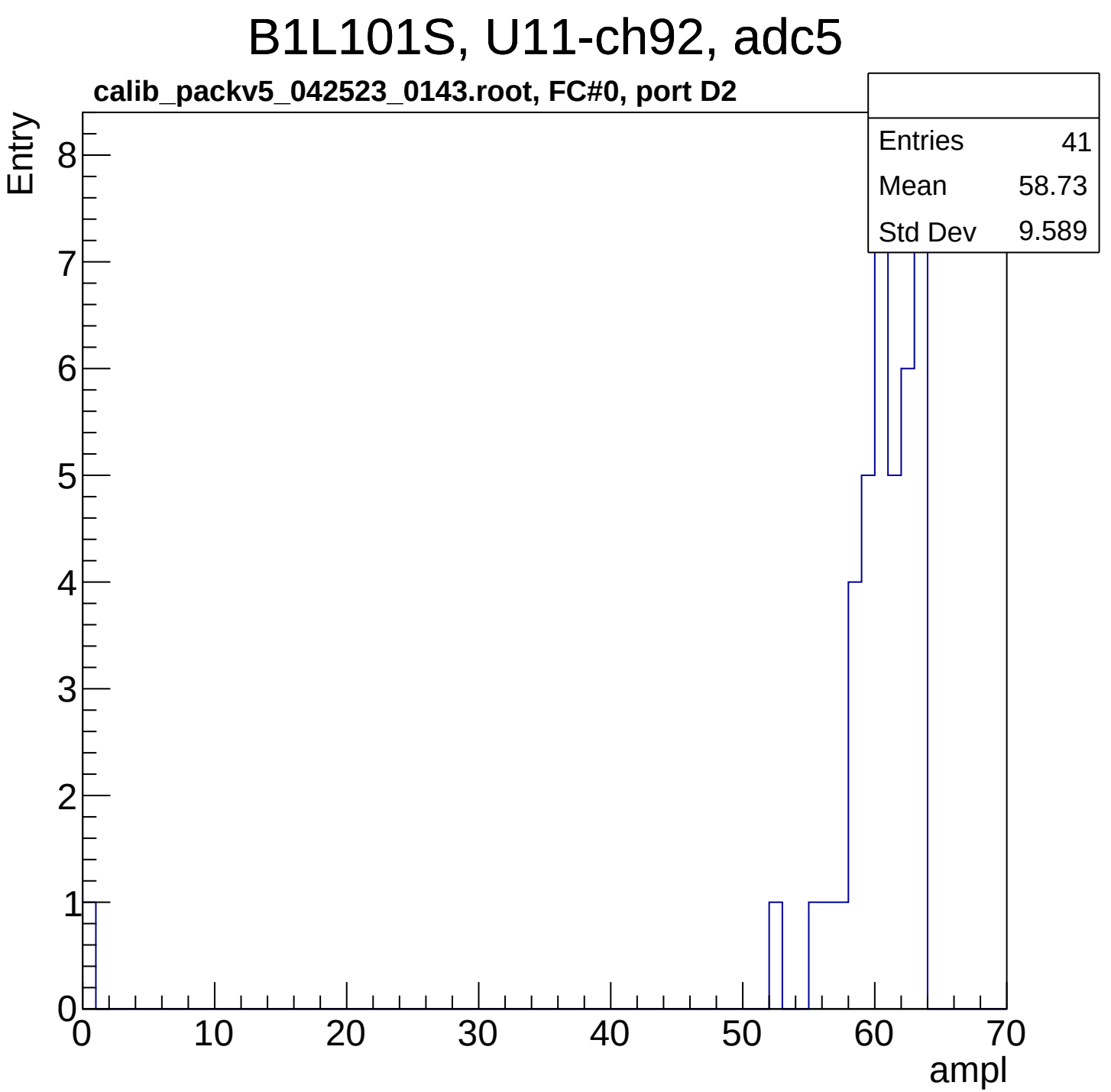

B1L101S, U11-ch92, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 54
Mean 56.26
Std Dev 3.098
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch92, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 41
Mean 58.73
Std Dev 9.589
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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60
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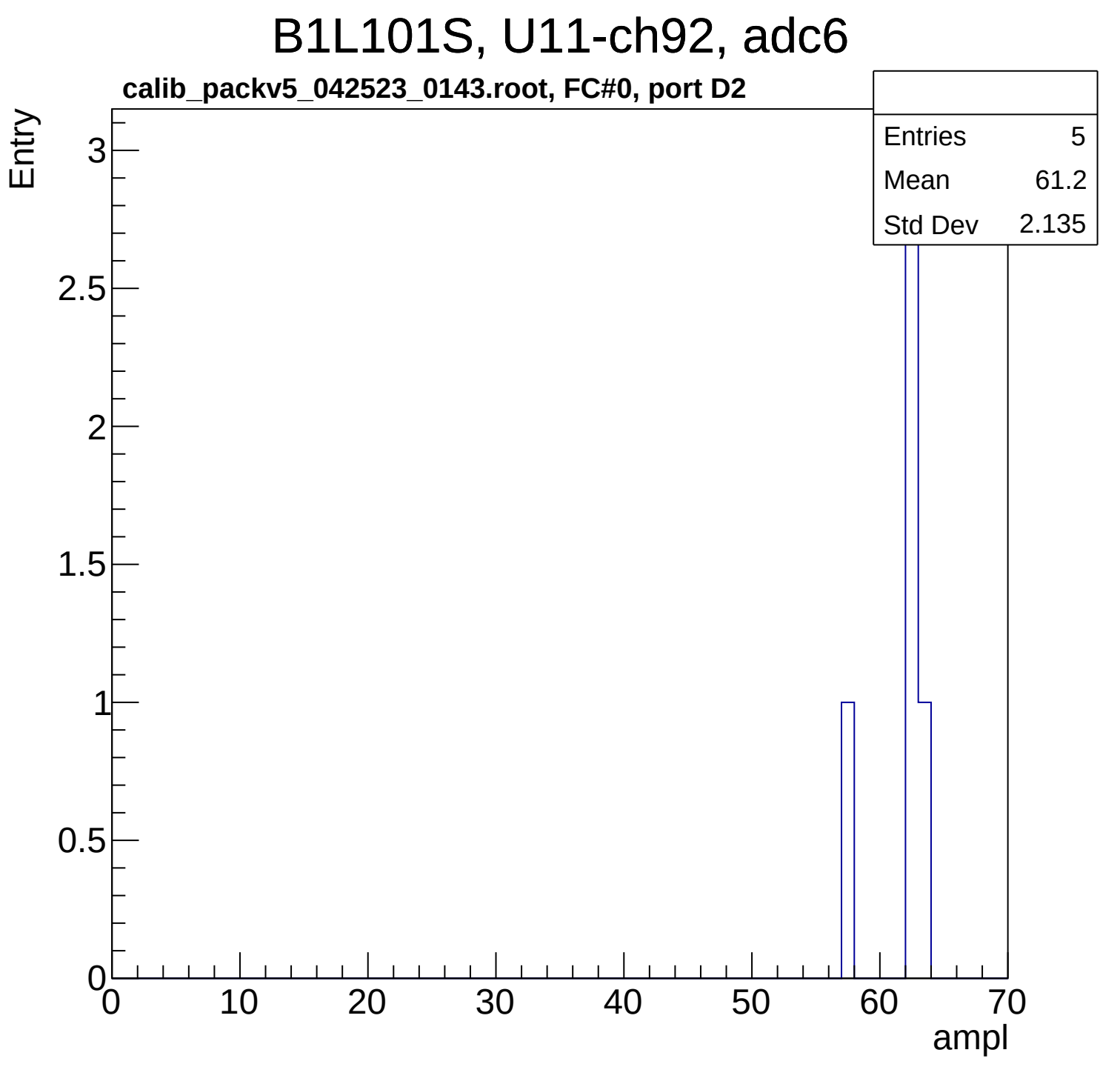
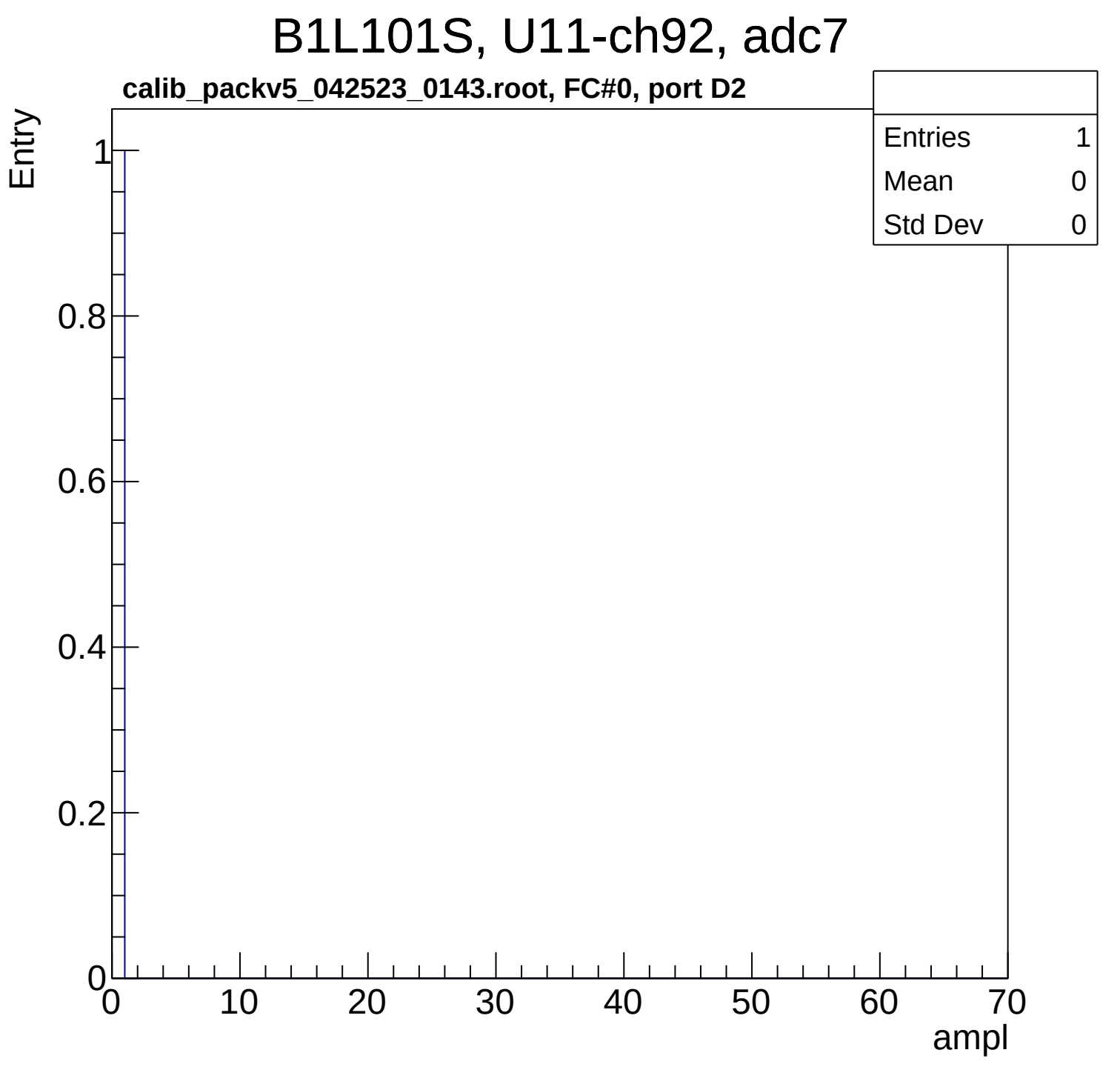
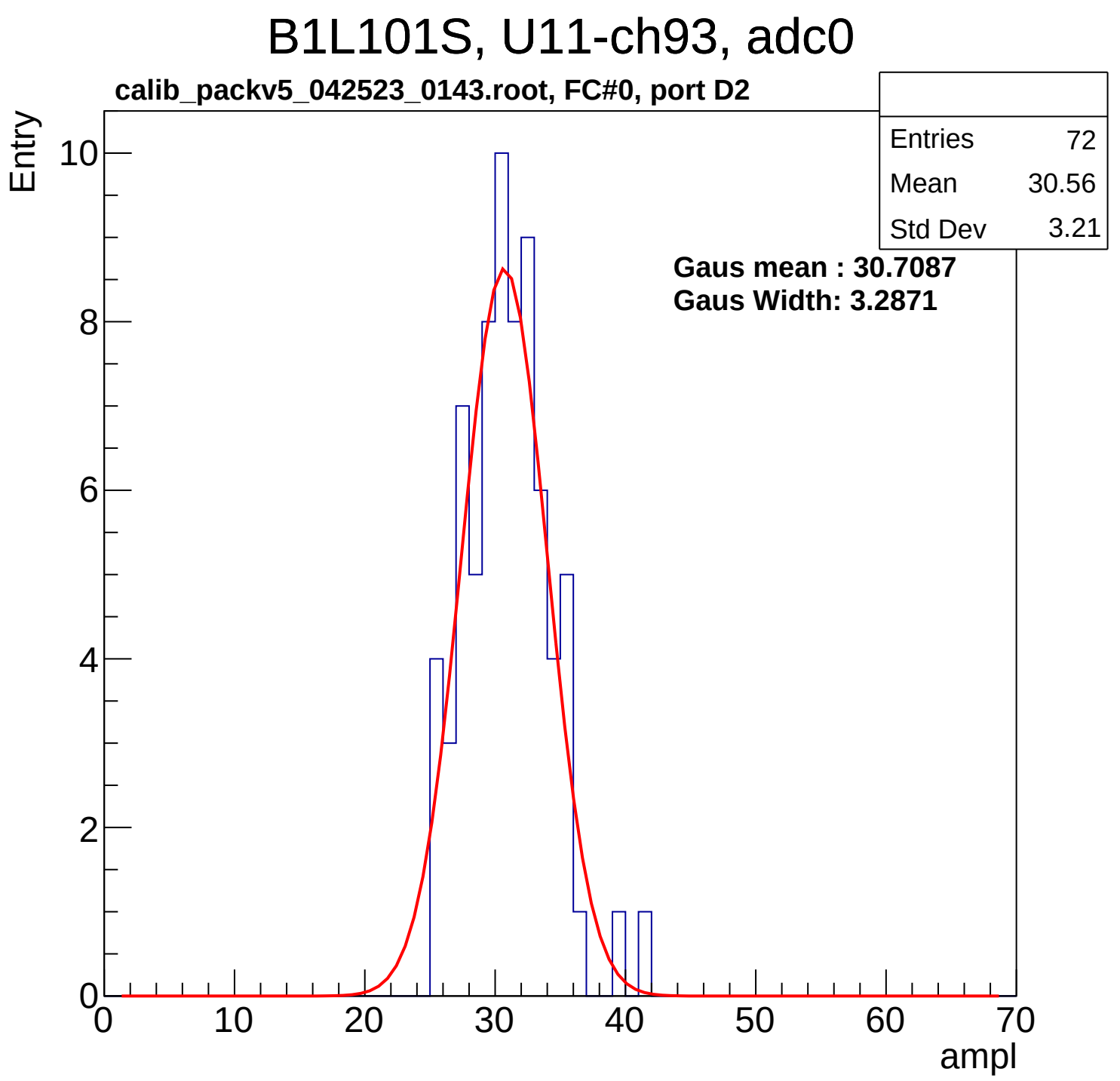
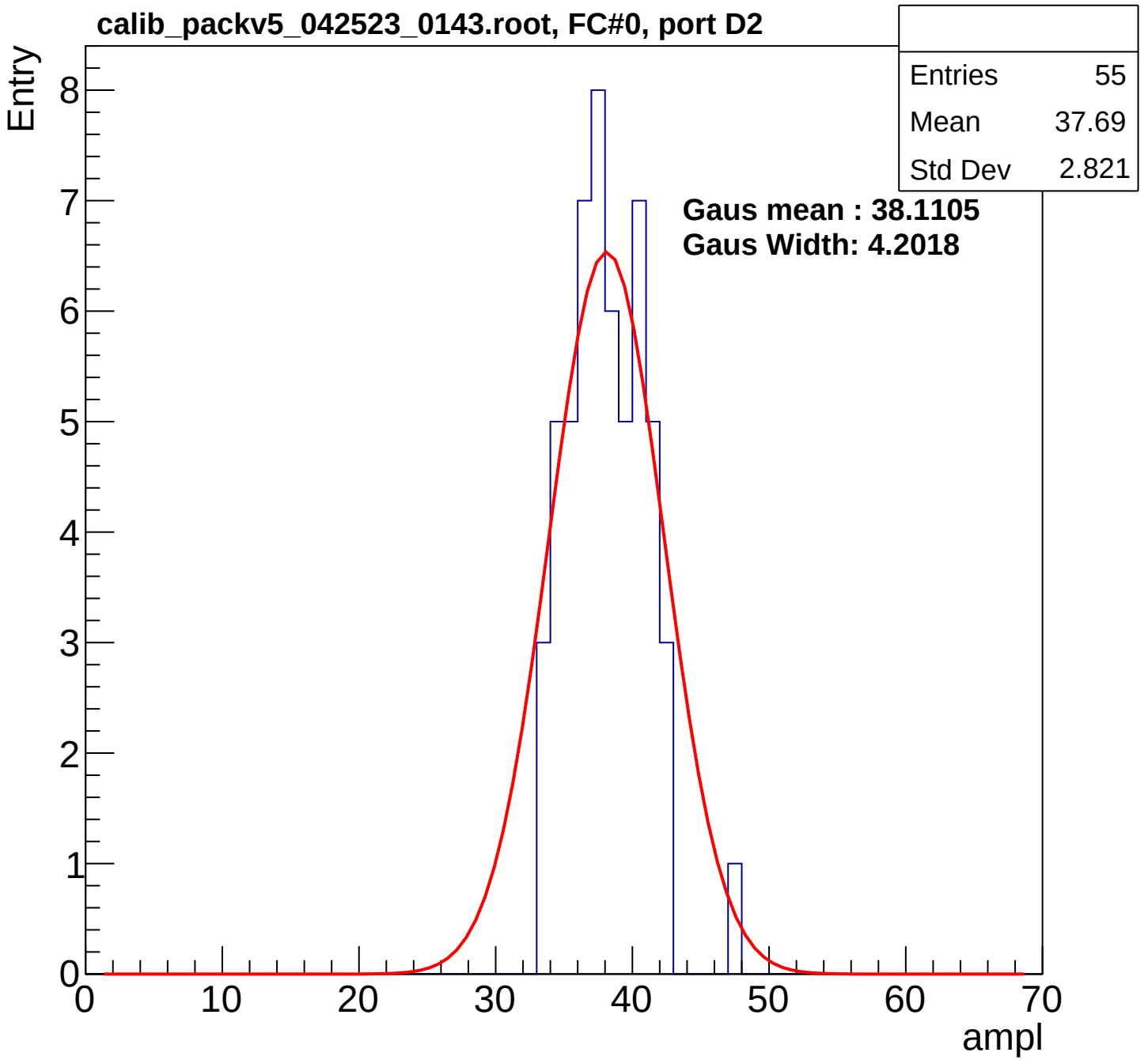

B1L101S, U11-ch92, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 5
Mean 61.2
Std Dev 2.135
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L101S, U11-ch92, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch93, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 30.56
Std Dev 3.21
Gaus mean : 30.7087
Gaus Width: 3.2871
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch93, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 37.69
Std Dev 2.821
Gaus mean : 38.1105
Gaus Width: 4.2018
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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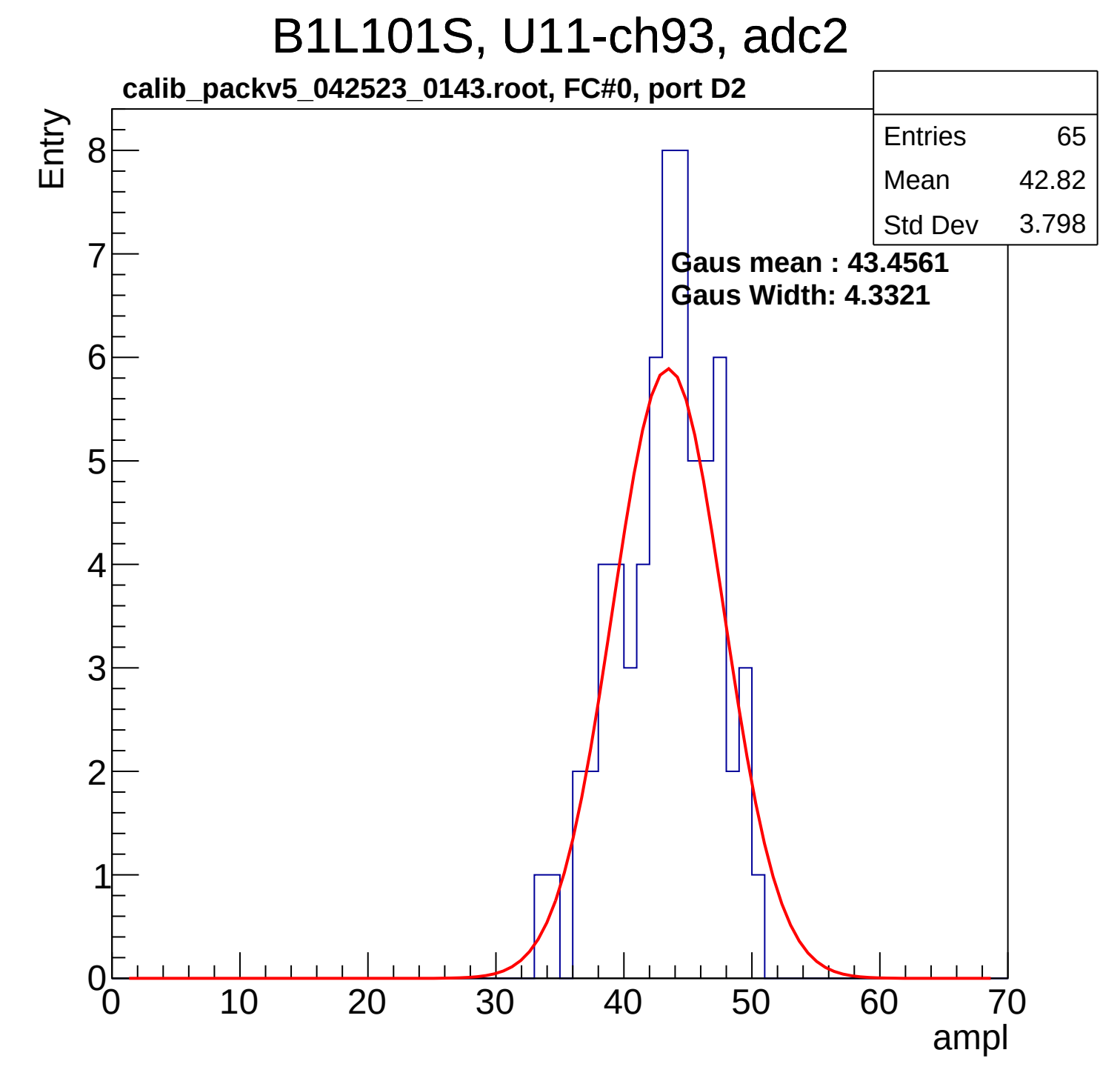
B1L101S, U11-ch93, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 42.82
Std Dev 3.798
Gaus mean : 43.4561
Gaus Width: 4.3321
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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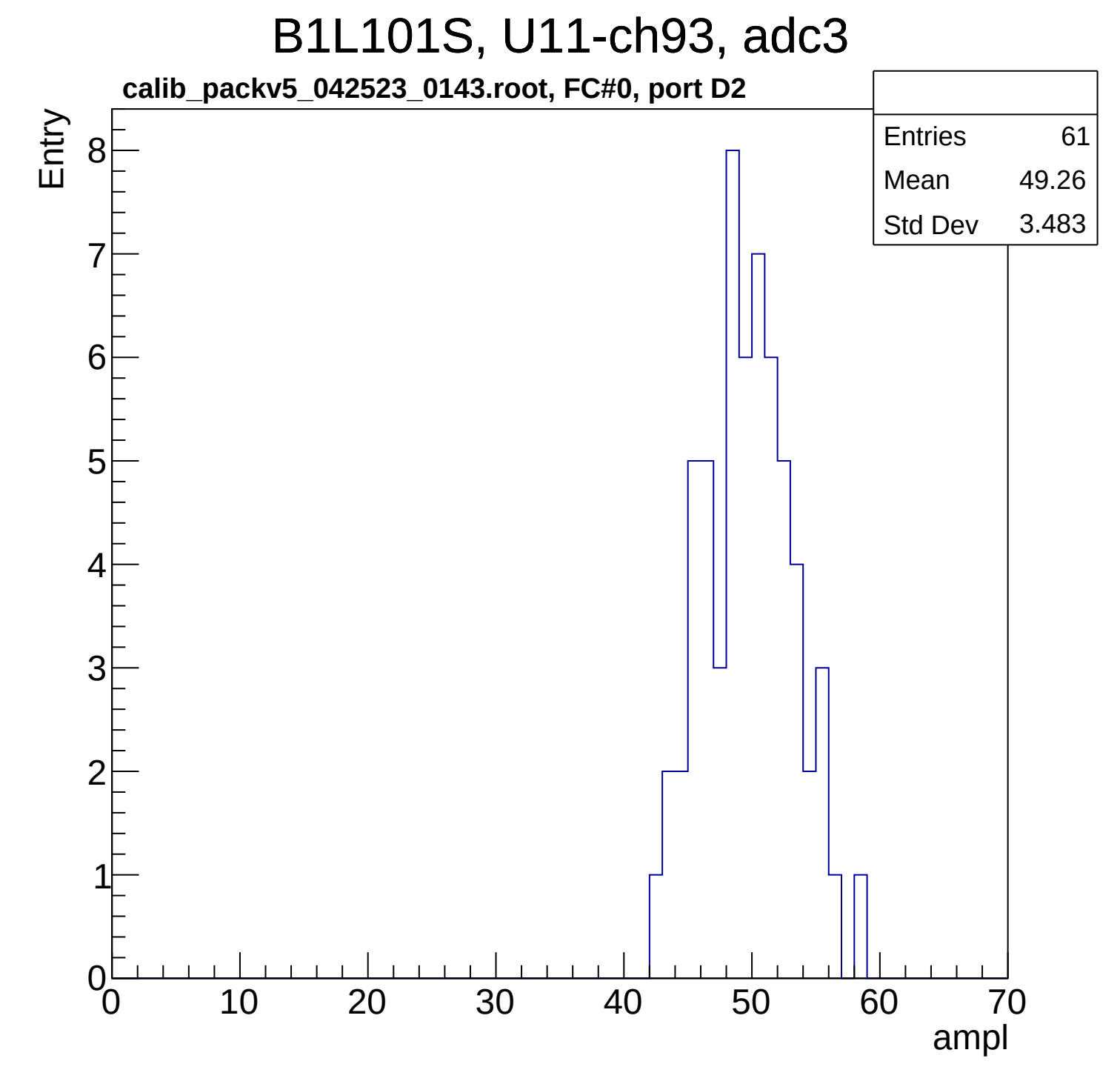
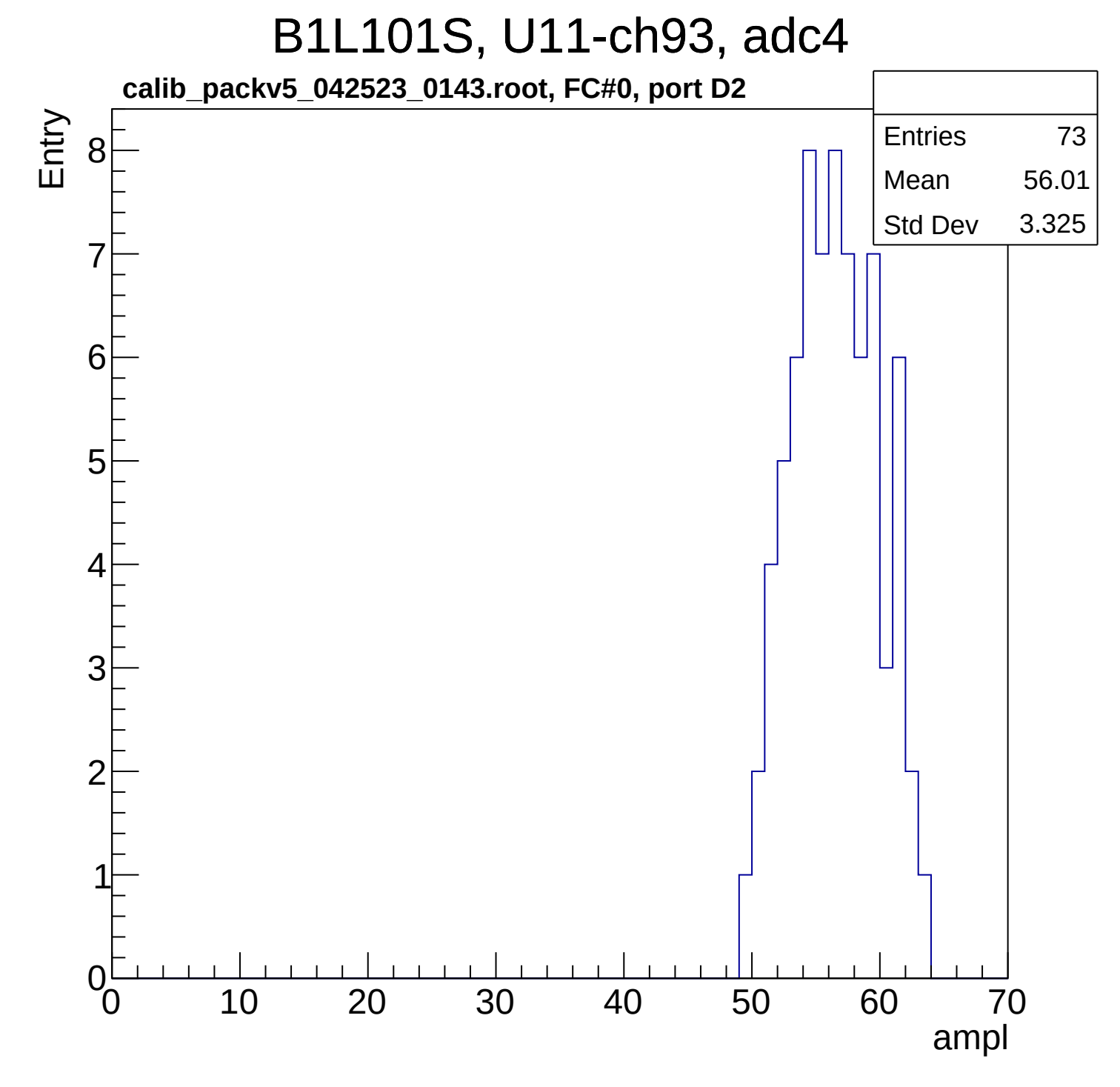

B1L101S, U11-ch93, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 49.26
Std Dev 3.483
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch93, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 56.01
Std Dev 3.325
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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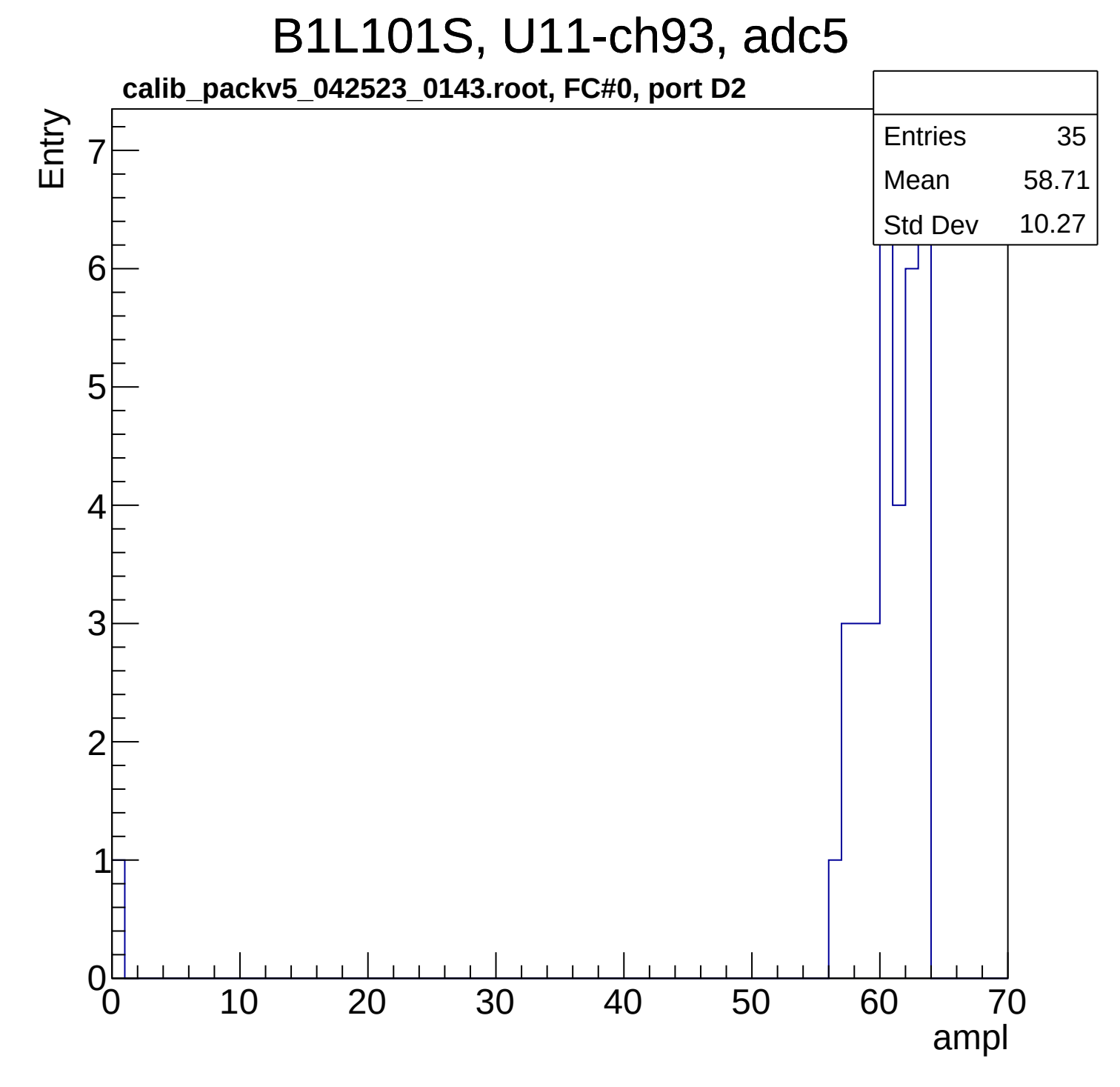
B1L101S, U11-ch93, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 35
Mean 58.71
Std Dev 10.27
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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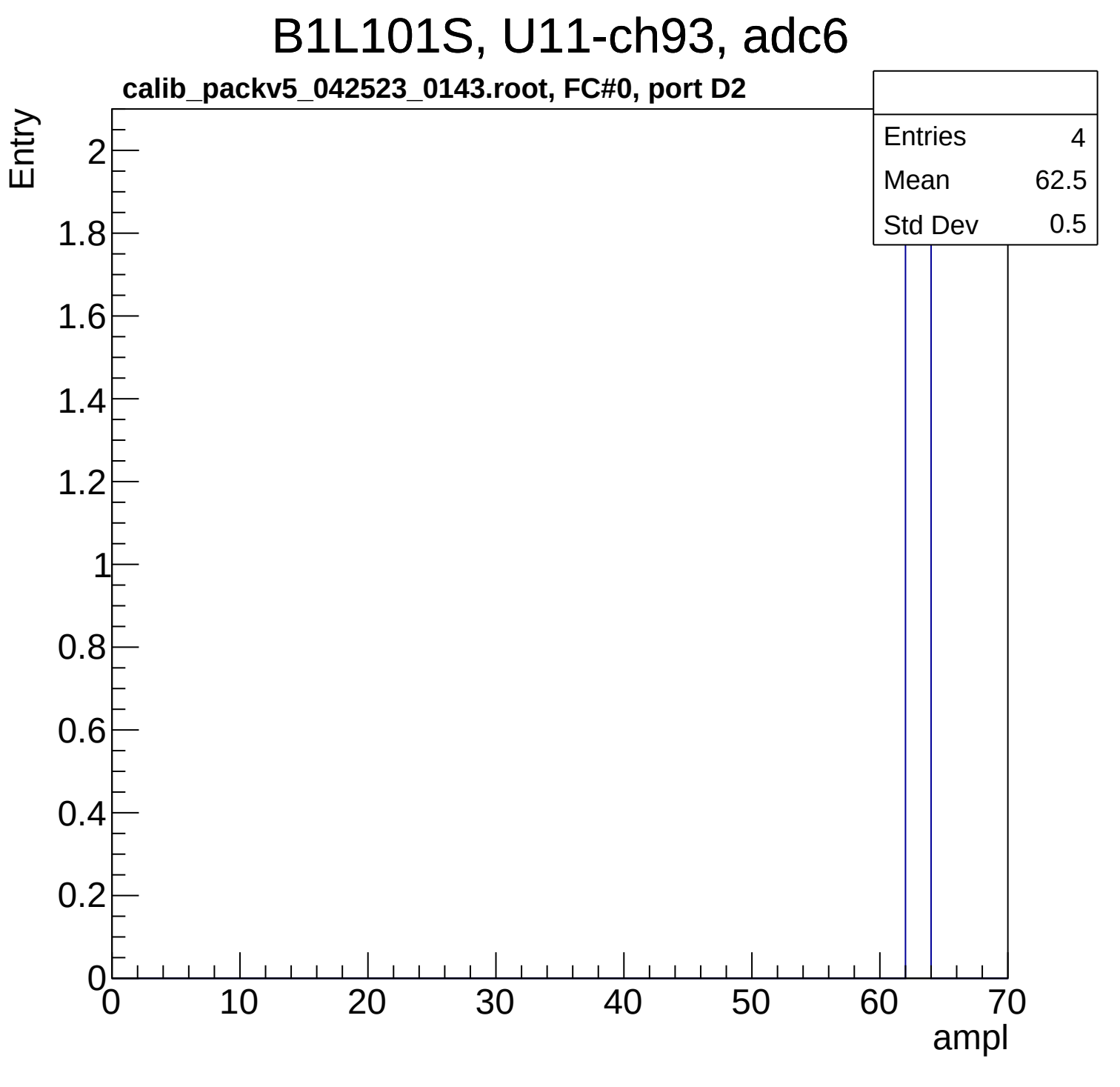
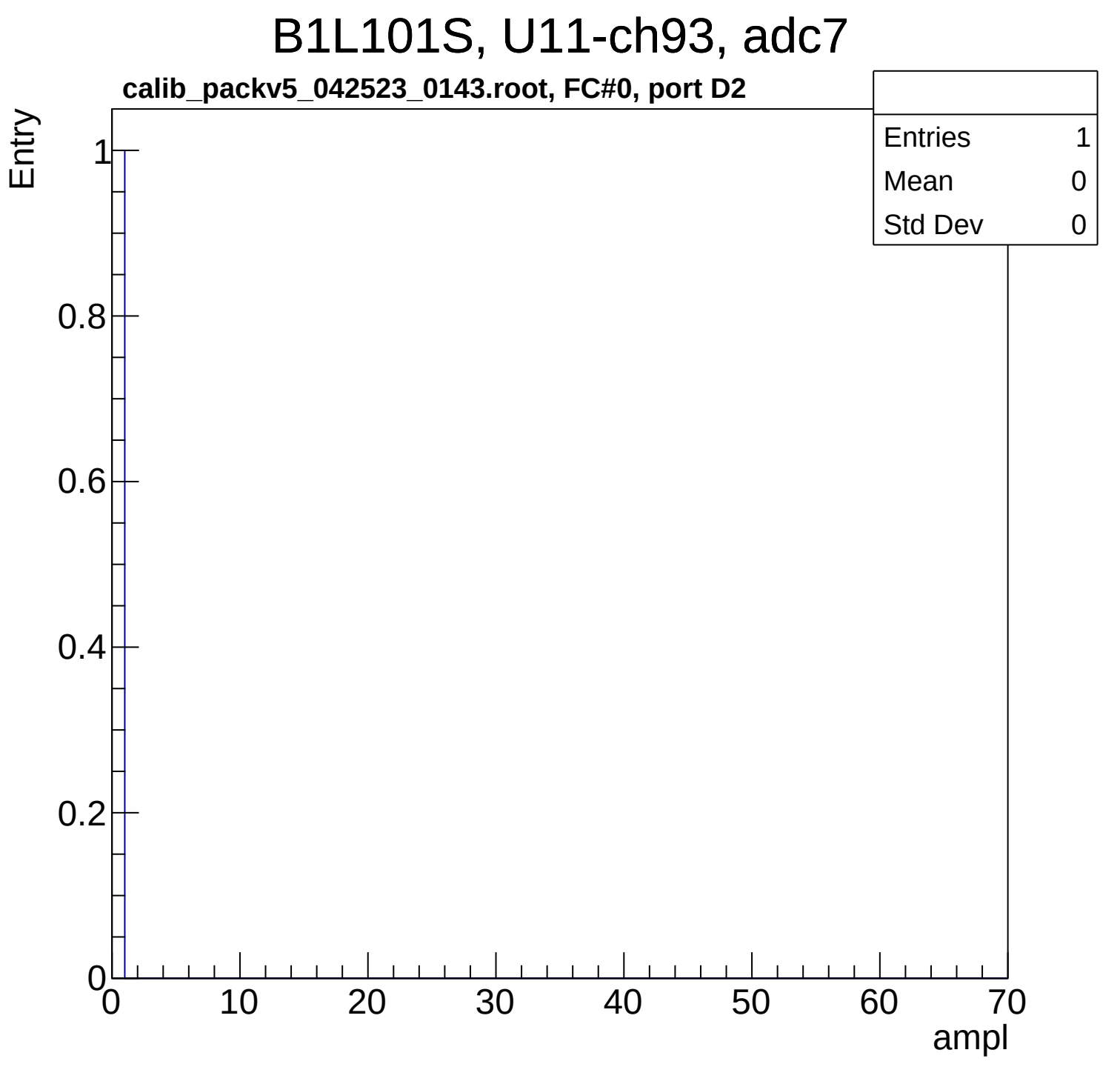
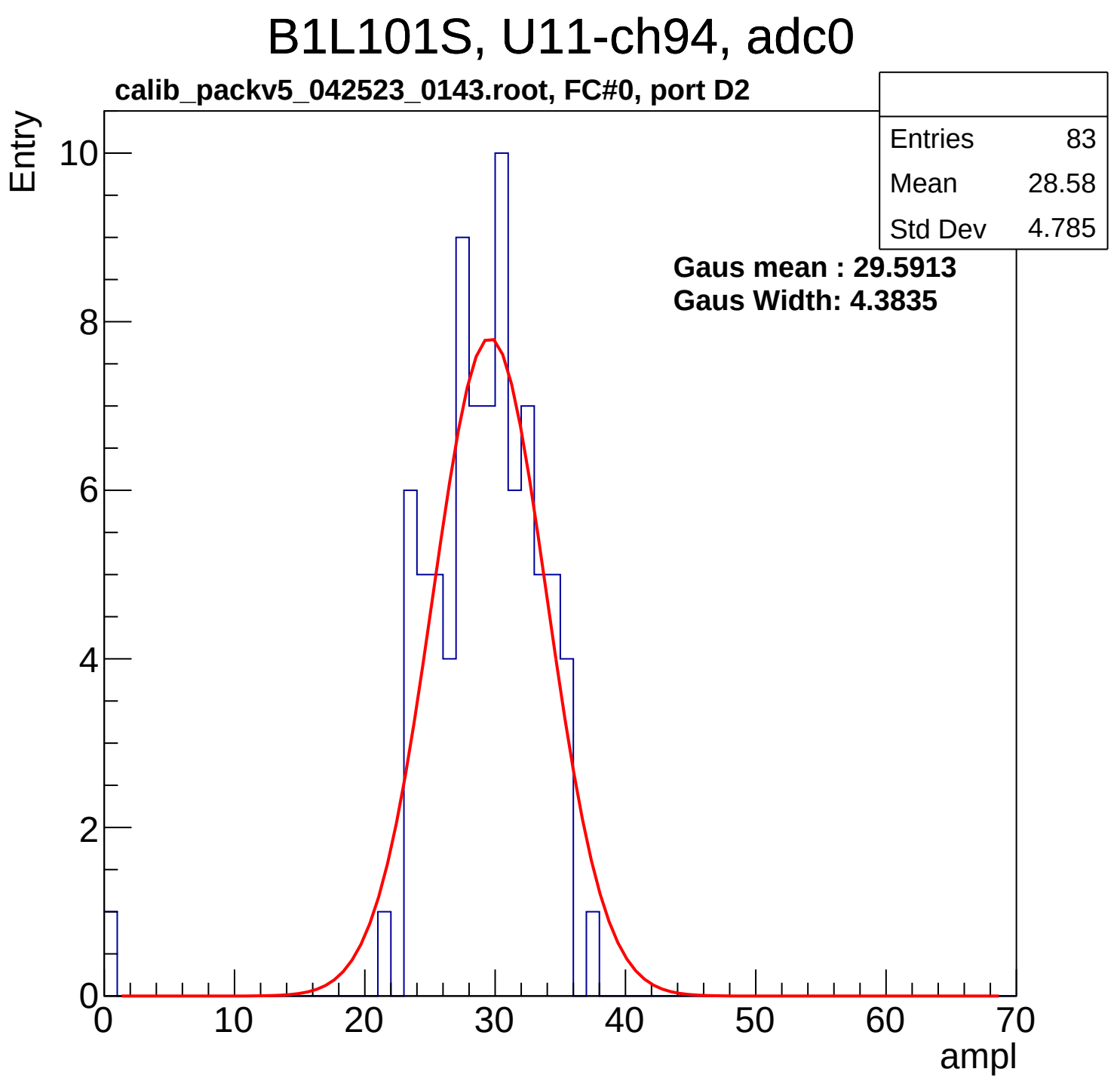
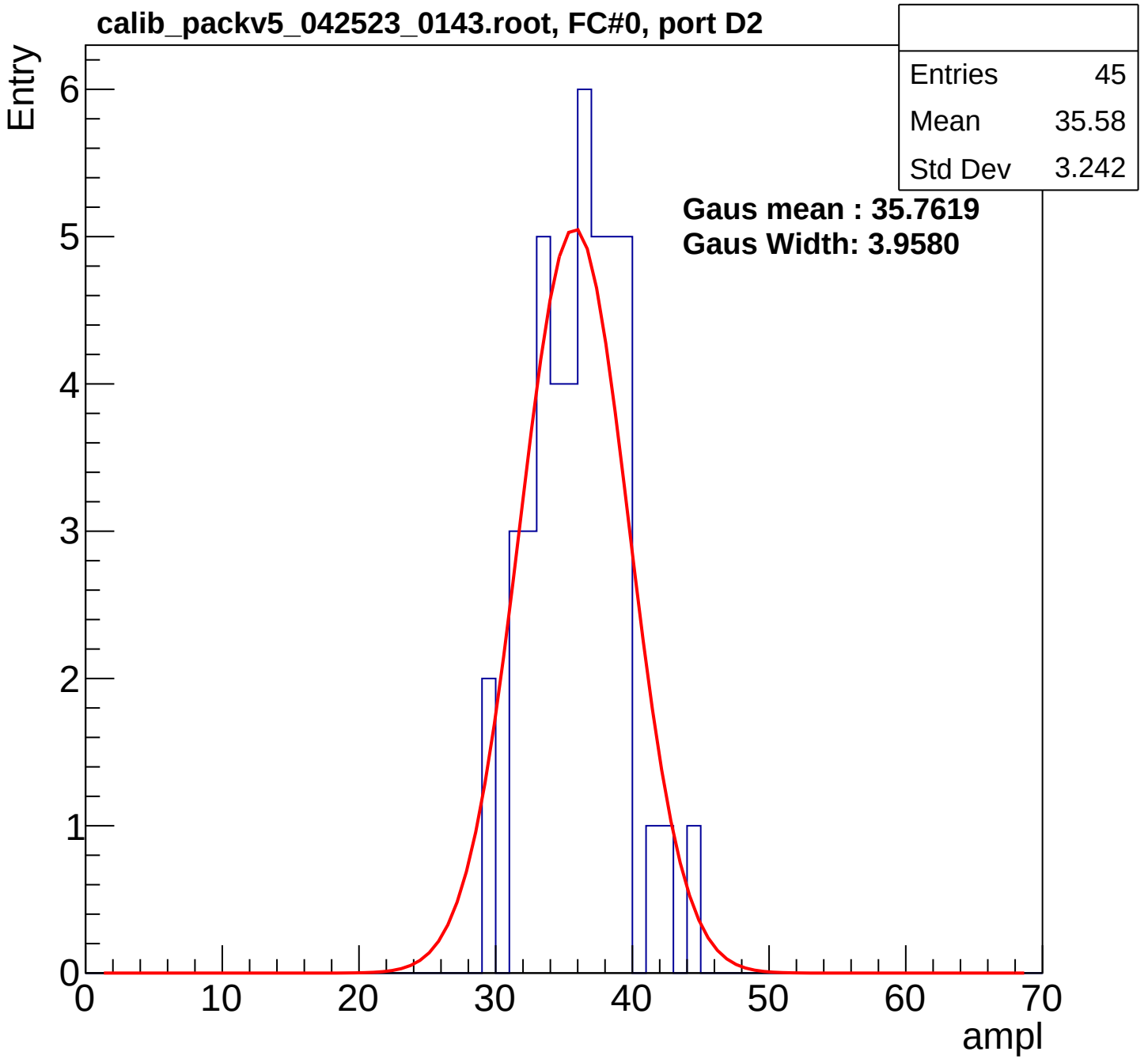
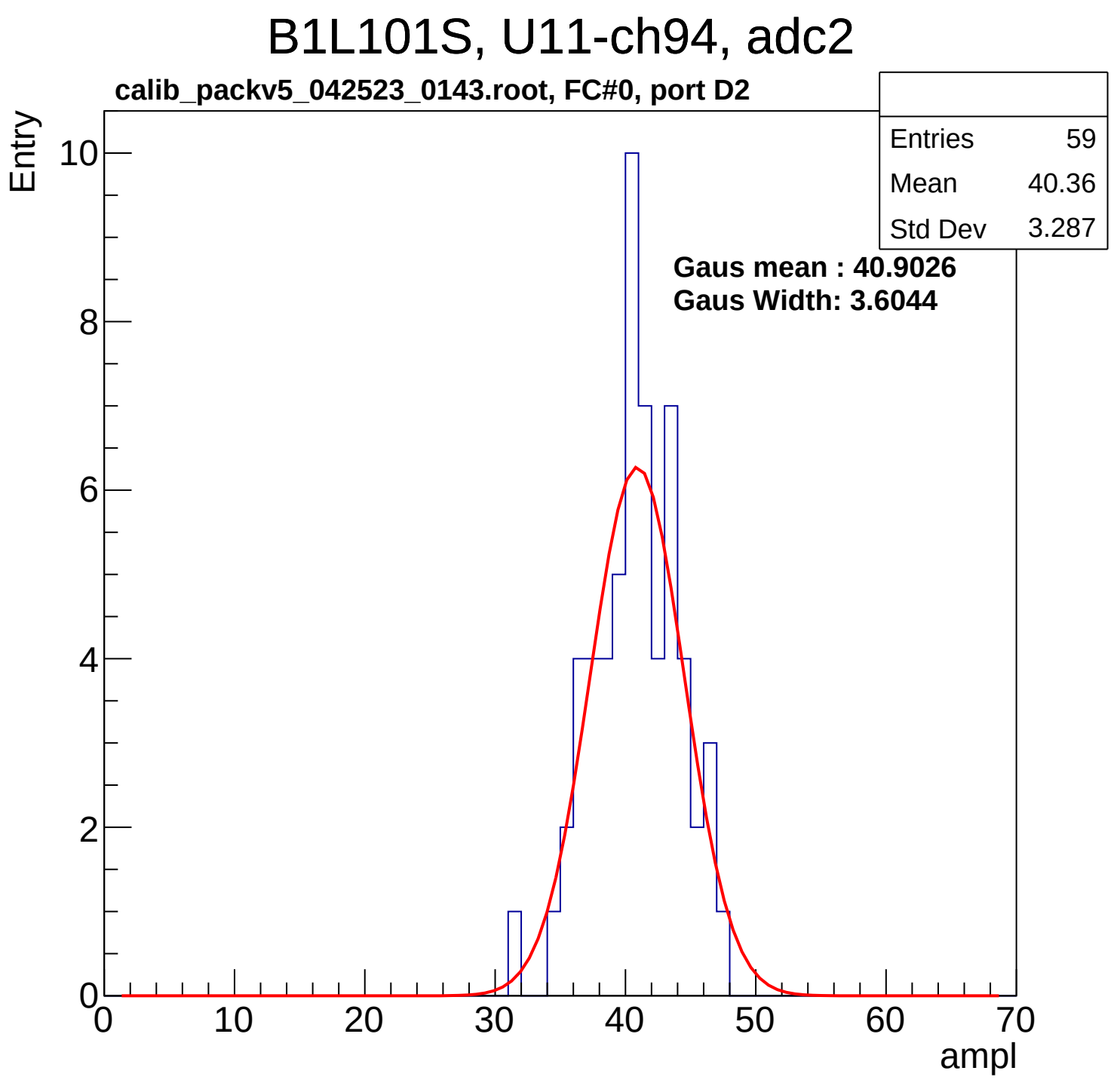
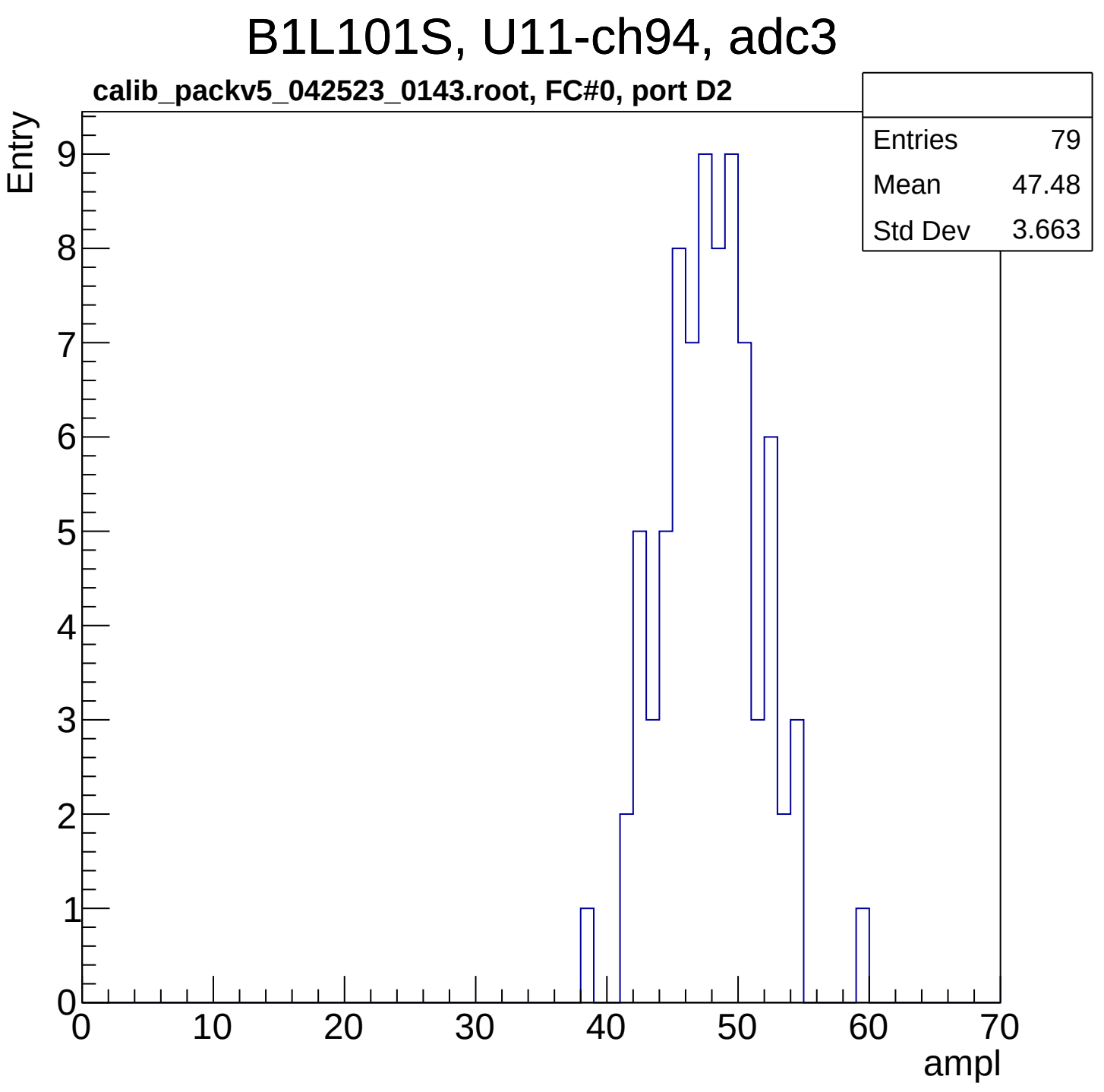

B1L101S, U11-ch93, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 62.5
Std Dev 0.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

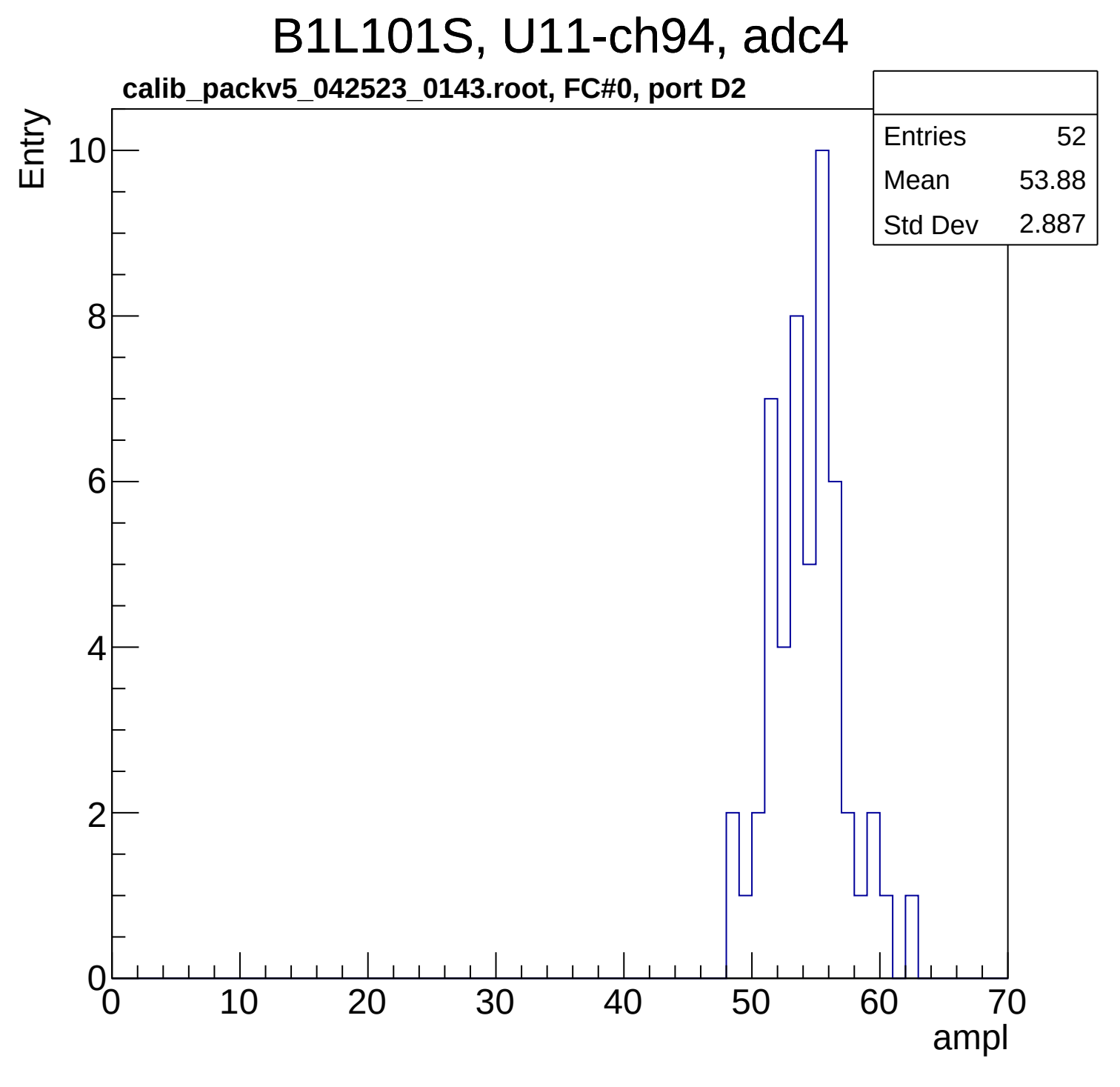

B1L101S, U11-ch93, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

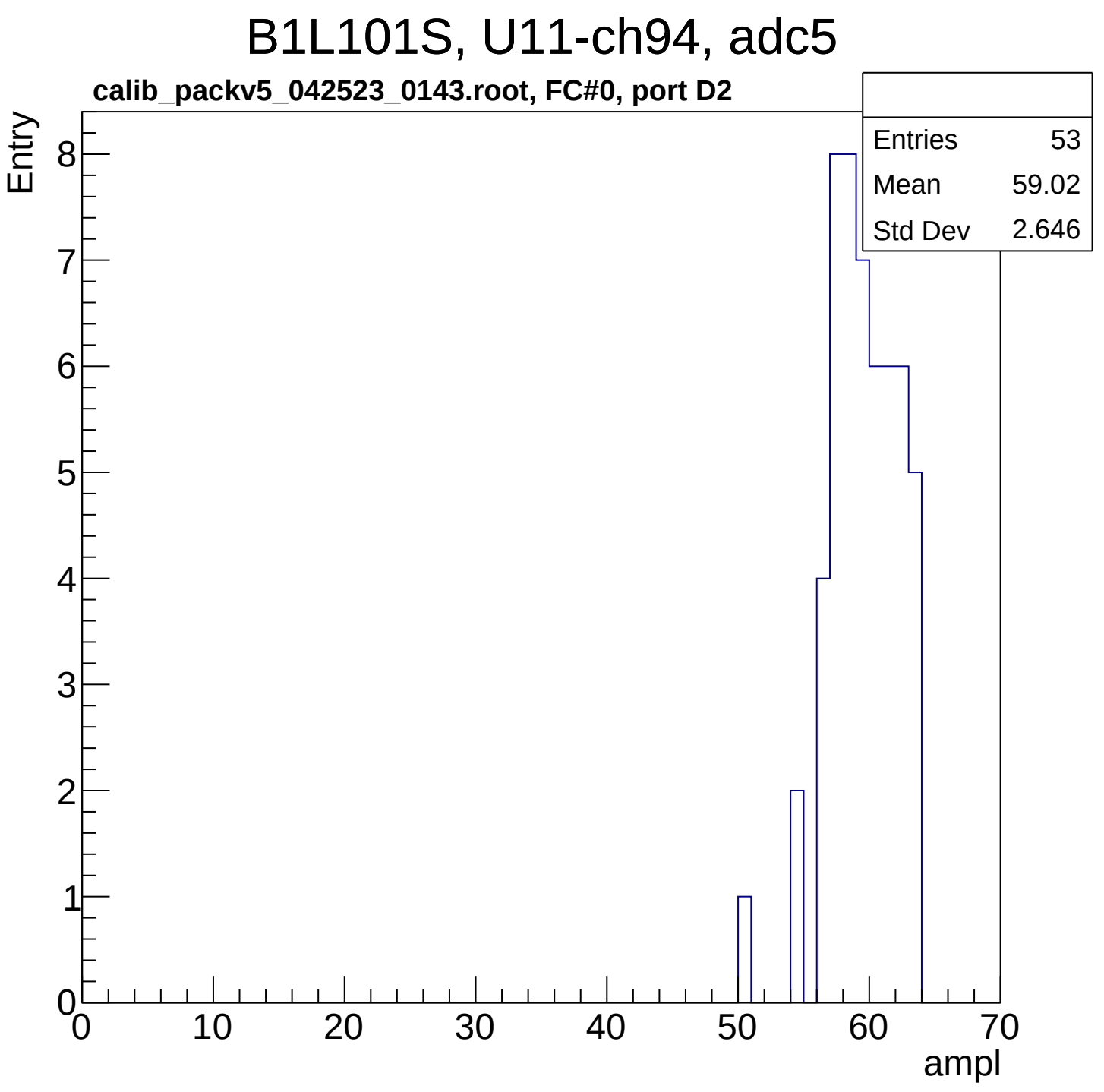

B1L101S, U11-ch94, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 83
Mean 28.58
Std Dev 4.785
Gaus mean : 29.5913
Gaus Width: 4.3835
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch94, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 45
Mean 35.58
Std Dev 3.242
Gaus mean : 35.7619
Gaus Width: 3.9580
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L101S, U11-ch94, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 40.36
Std Dev 3.287
Gaus mean : 40.9026
Gaus Width: 3.6044
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch94, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 79
Mean 47.48
Std Dev 3.663
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch94, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 53.88
Std Dev 2.887
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch94, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 59.02
Std Dev 2.646
Entry
ampl
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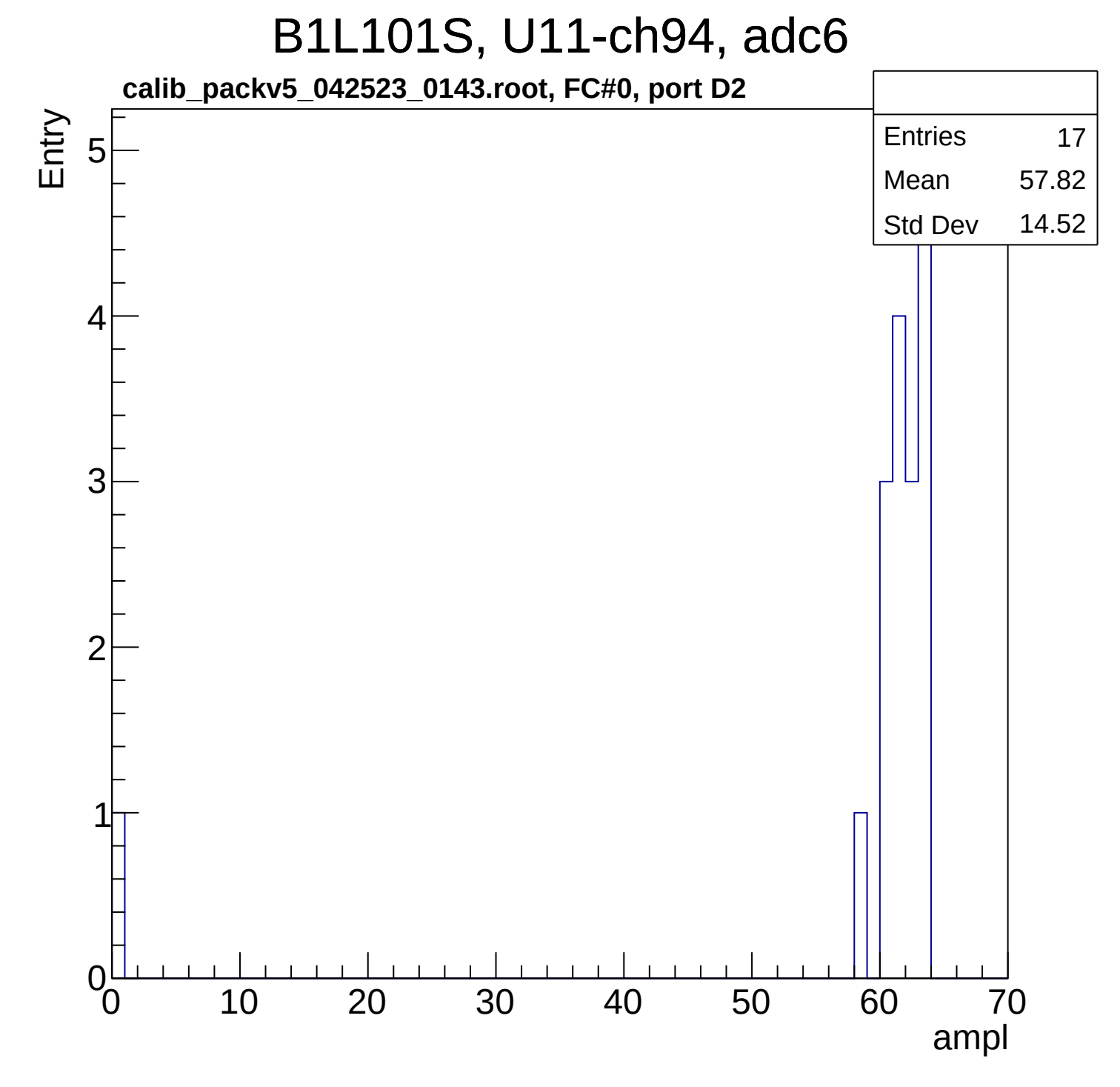
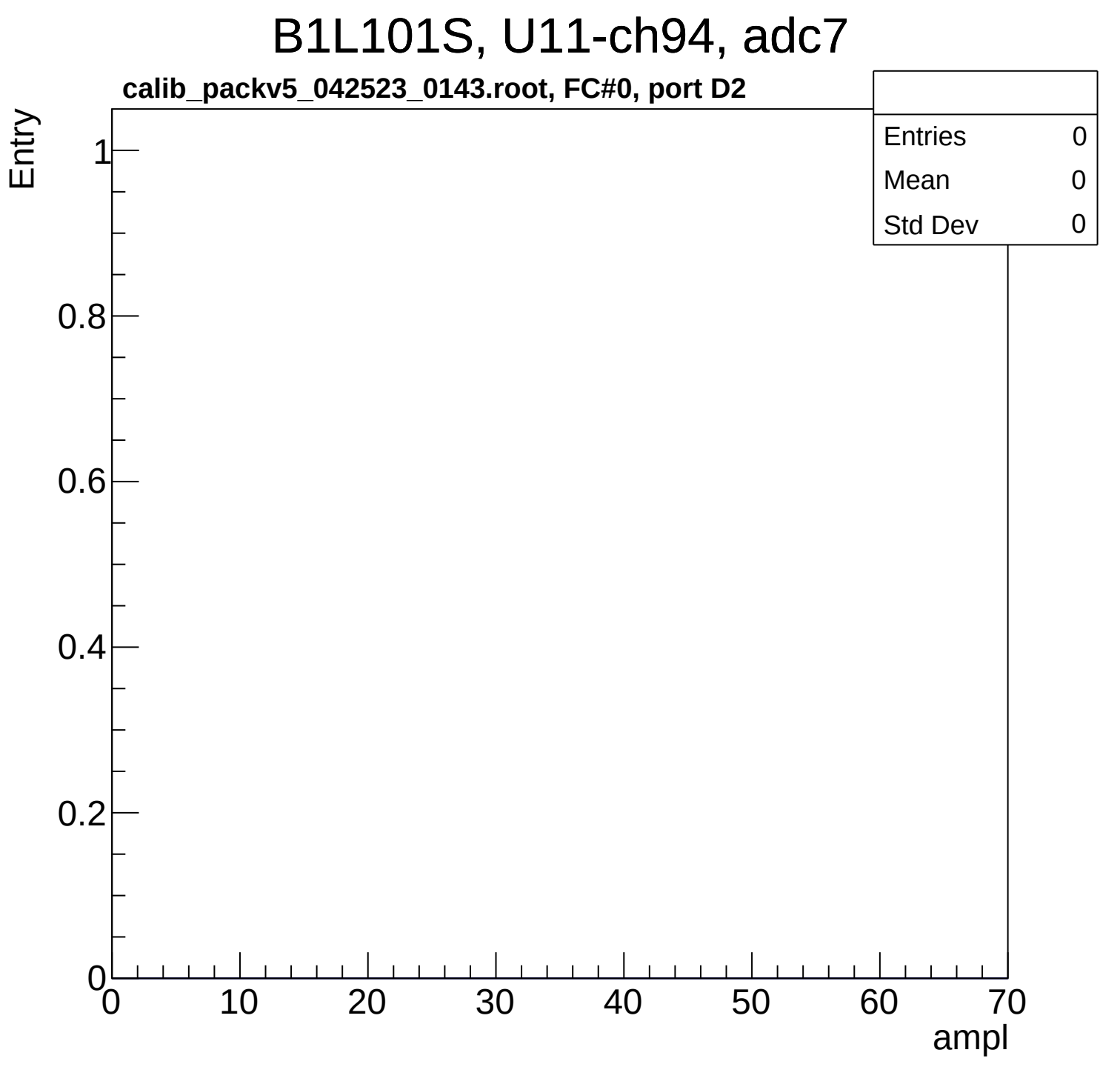
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch94, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 17
Mean 57.82
Std Dev 14.52
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch94, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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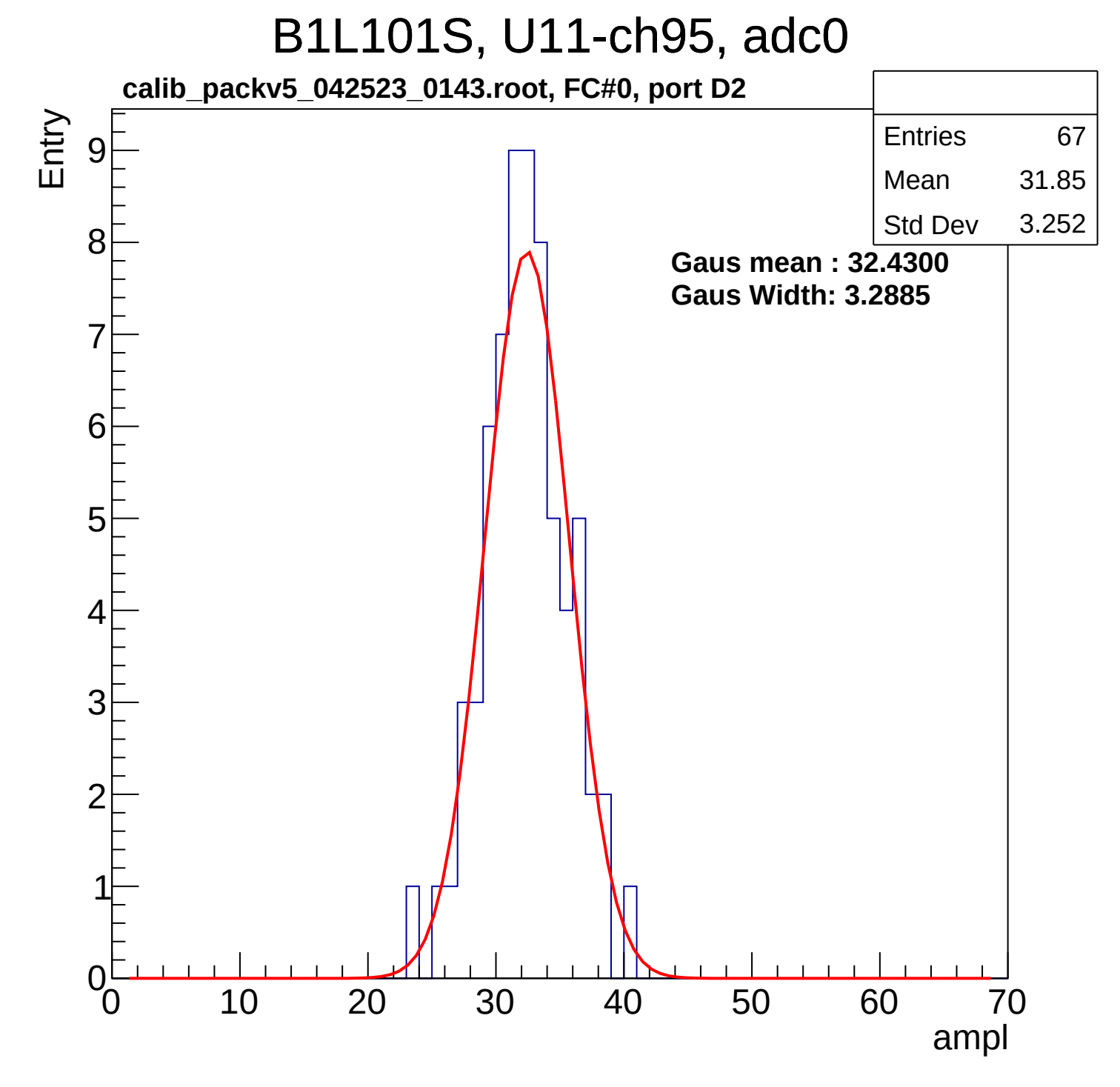
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch95, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 31.85
Std Dev 3.252
Gaus mean : 32.4300
Gaus Width: 3.2885
Entry
ampl
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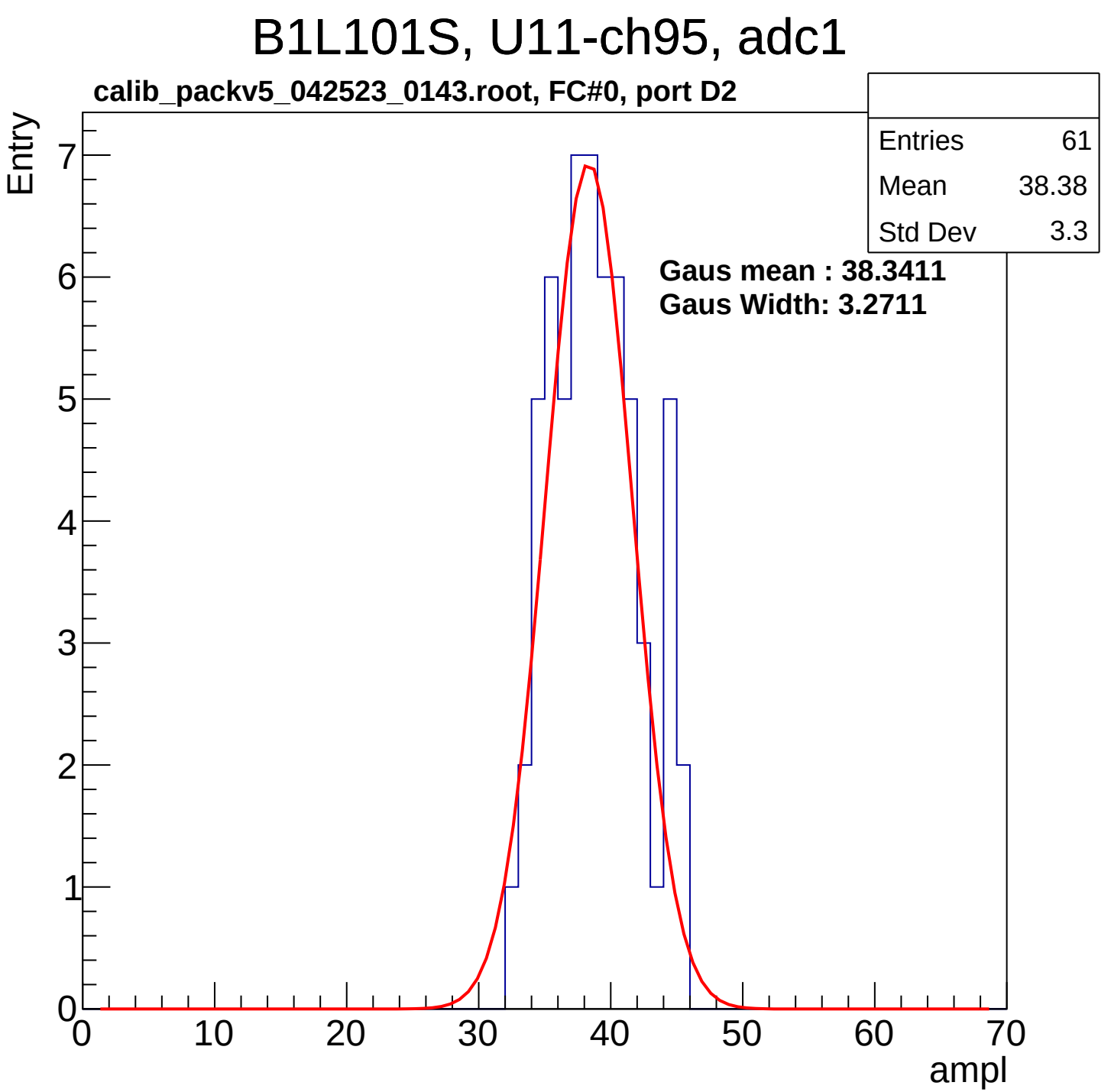
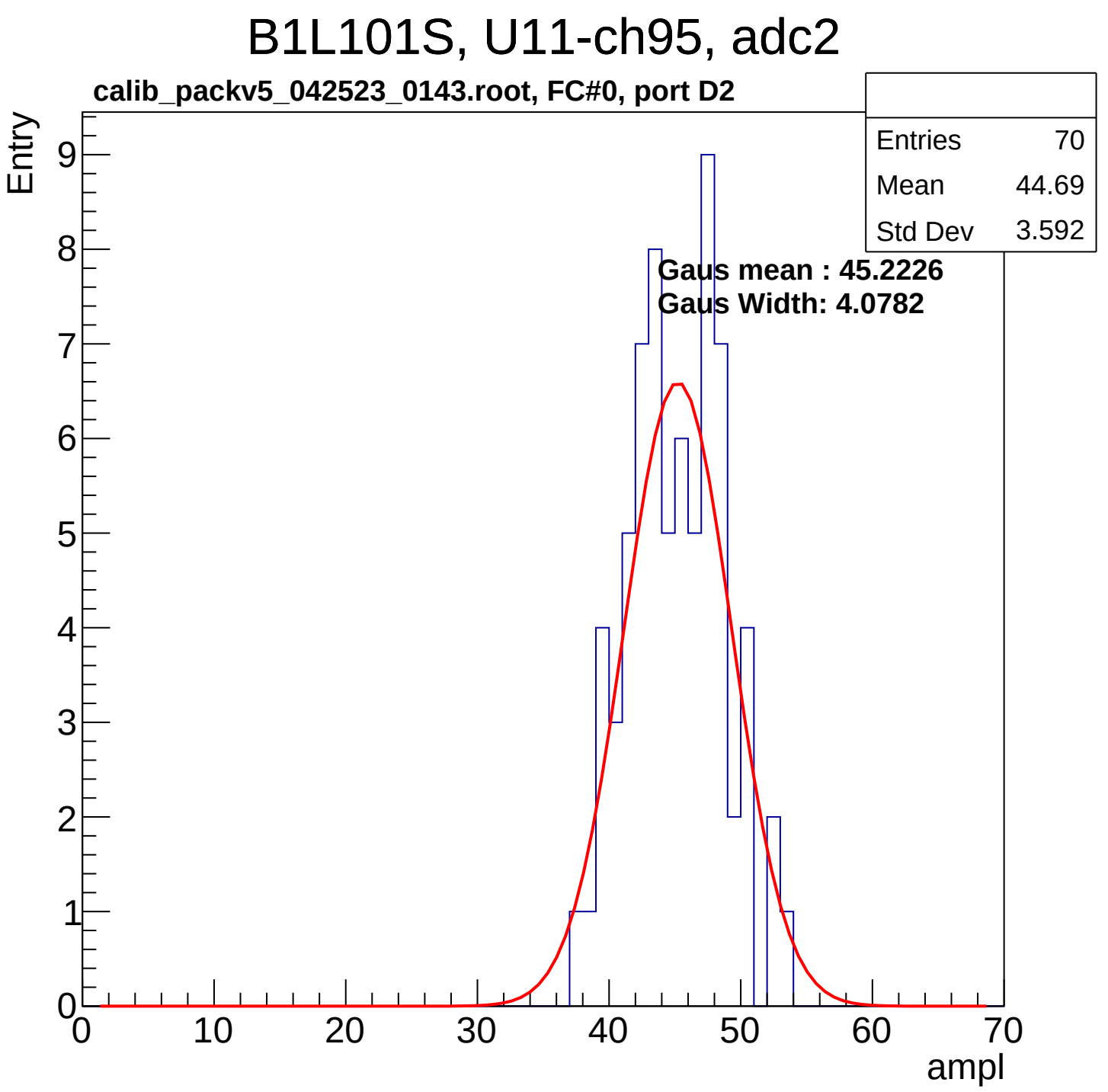
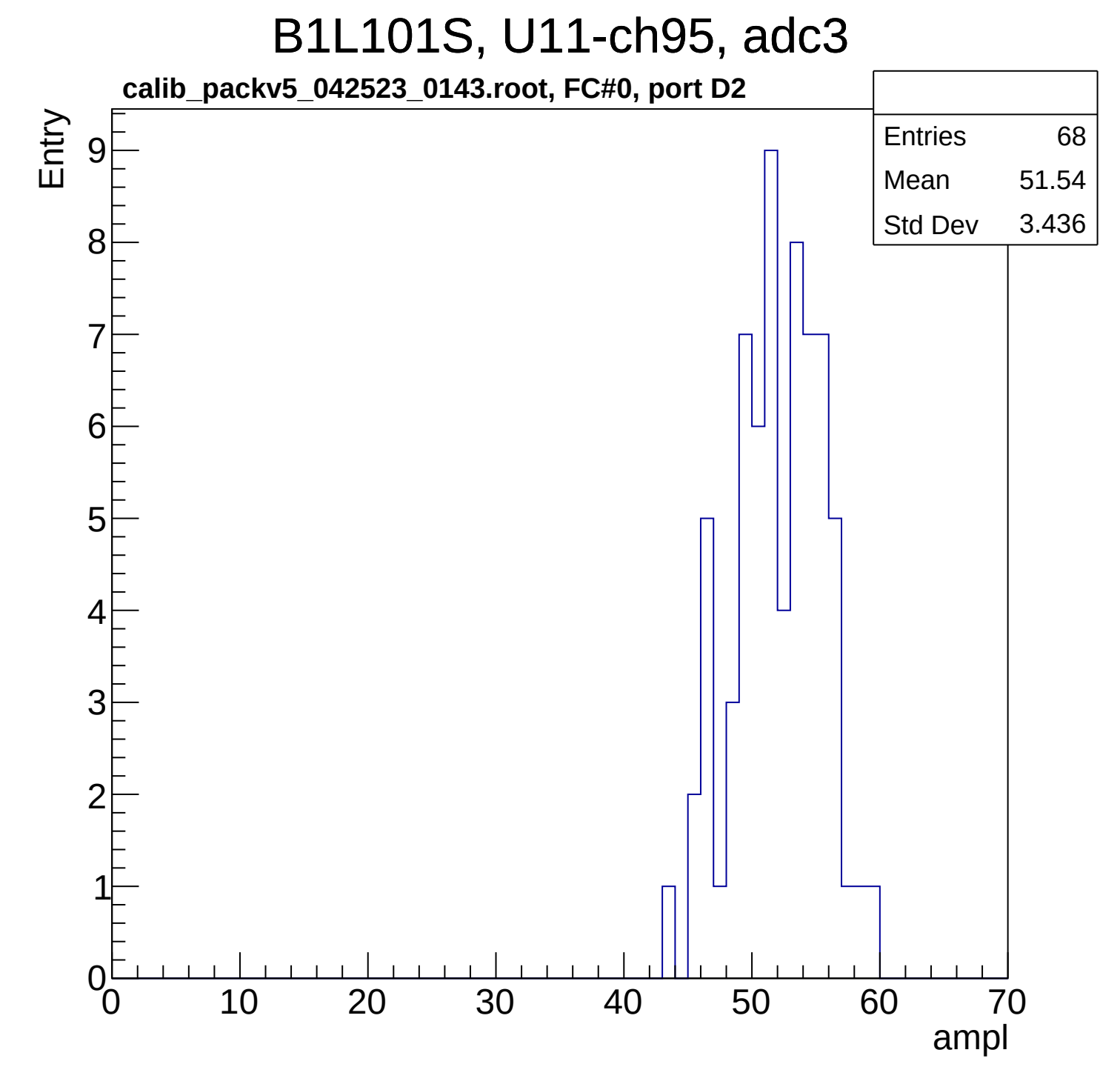
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch95, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 38.38
Std Dev 3.3
Gaus mean : 38.3411
Gaus Width: 3.2711
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch95, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 44.69
Std Dev 3.592
Gaus mean : 45.2226
Gaus Width: 4.0782
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch95, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 51.54
Std Dev 3.436
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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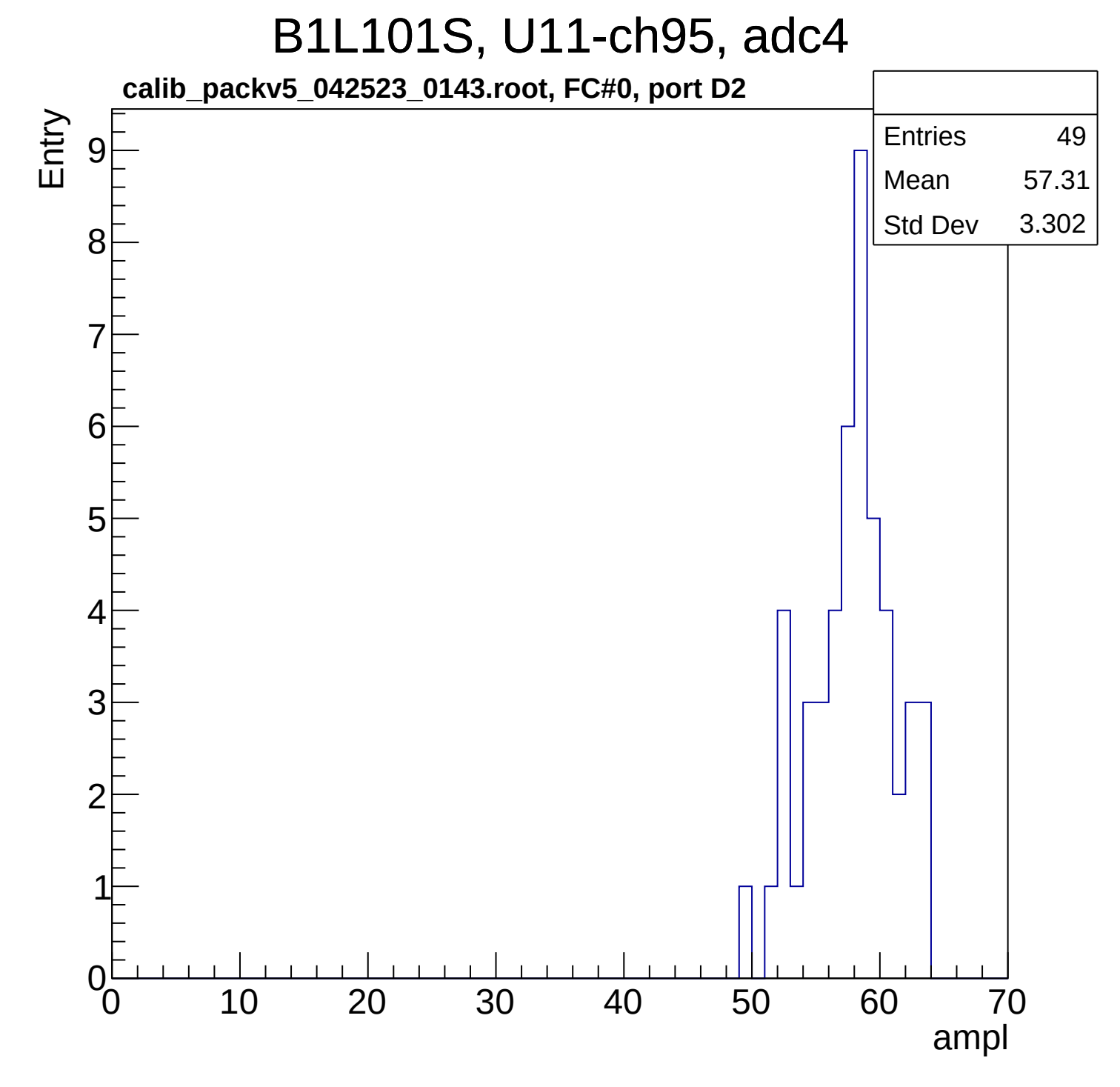
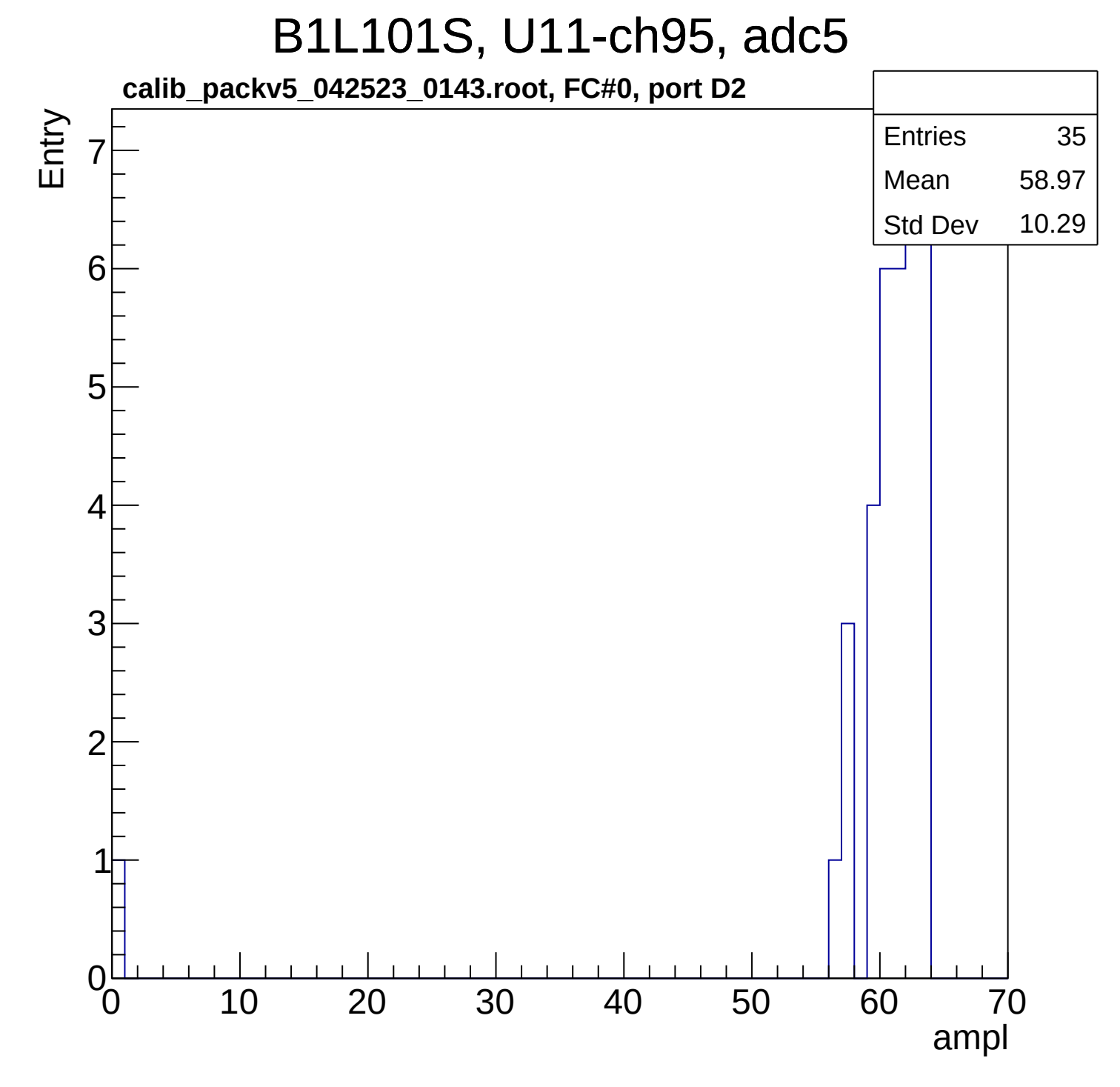

B1L101S, U11-ch95, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 49
Mean 57.31
Std Dev 3.302
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch95, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 35
Mean 58.97
Std Dev 10.29
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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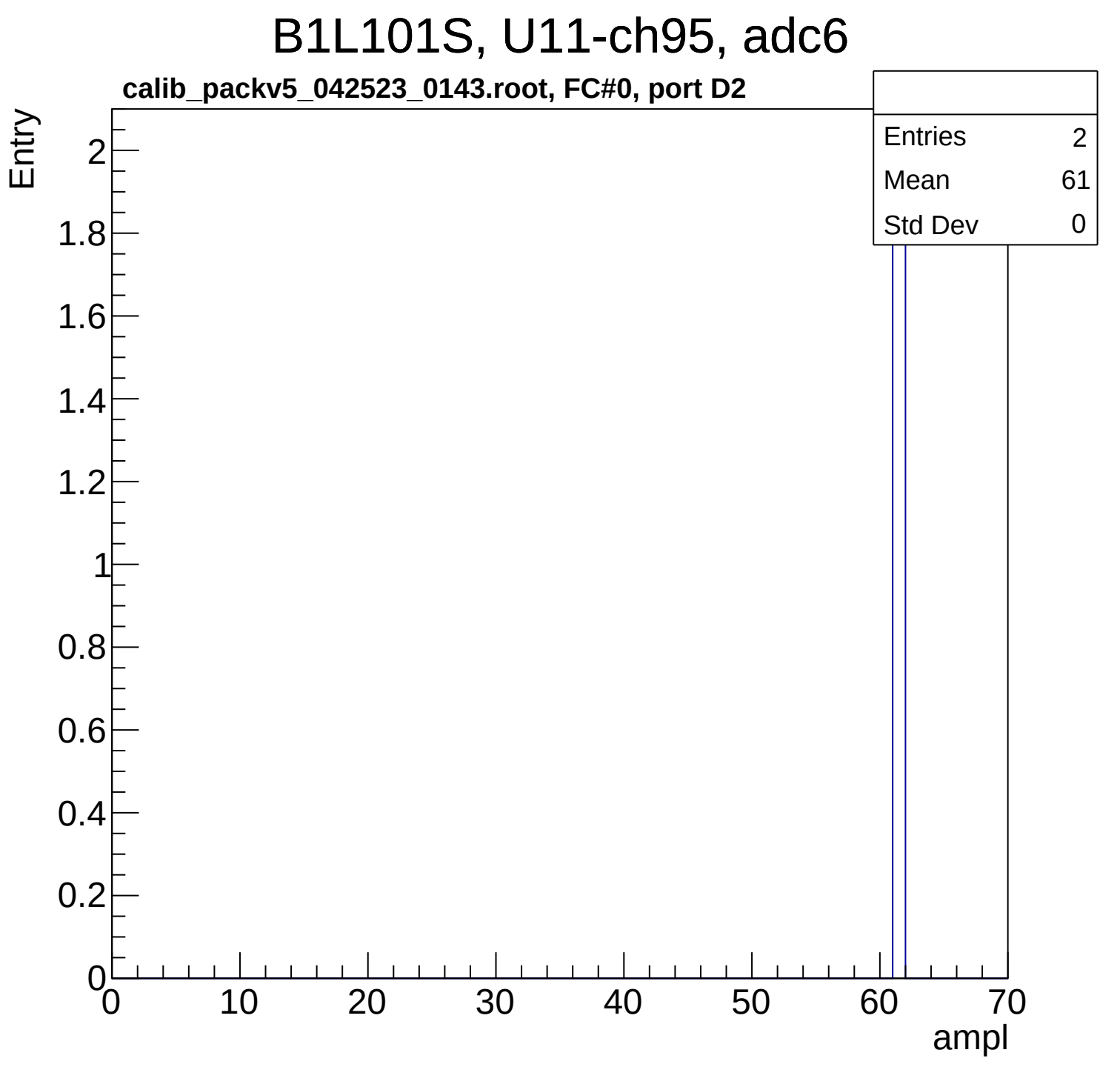
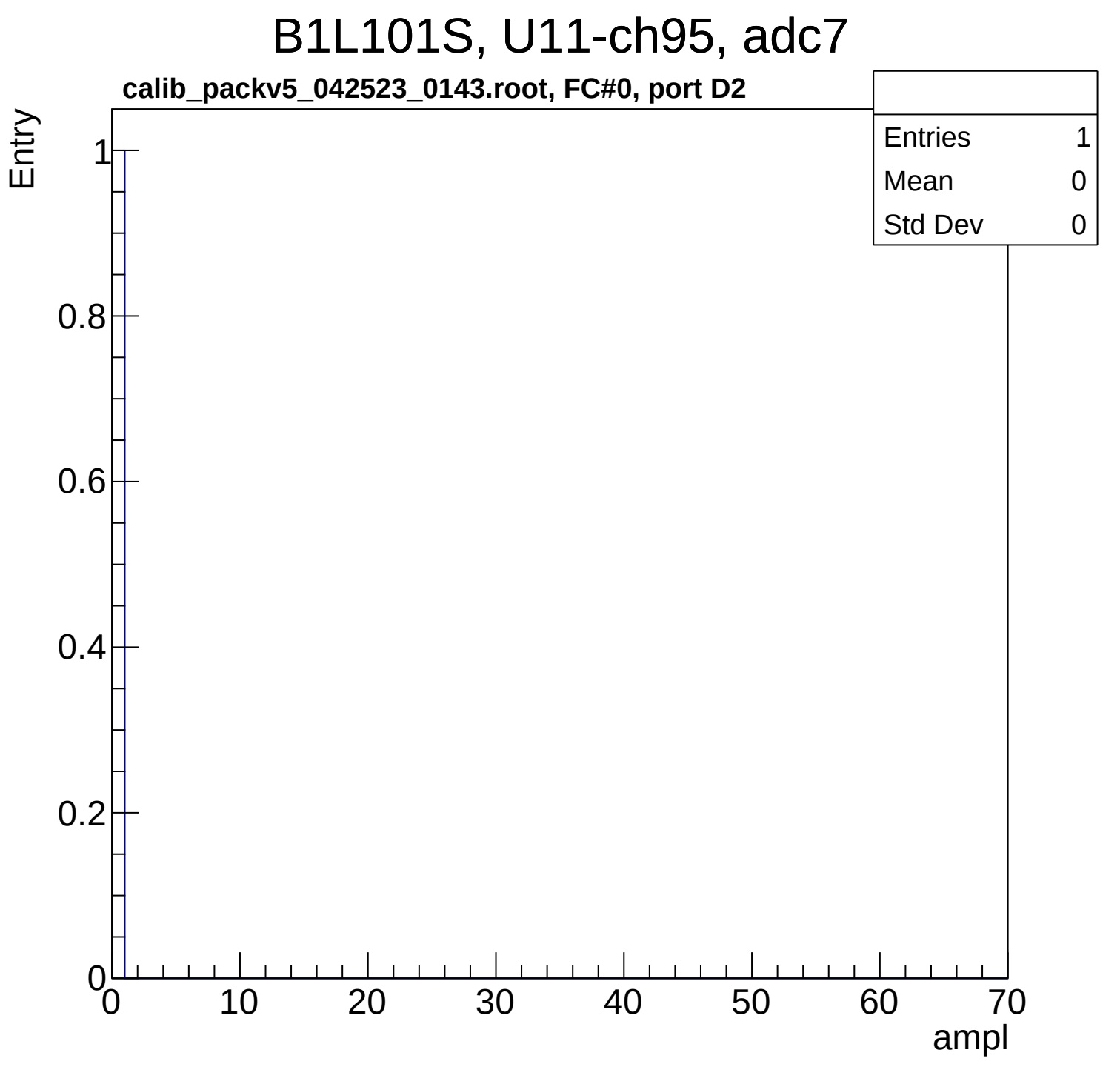

B1L101S, U11-ch95, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 61
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U11-ch95, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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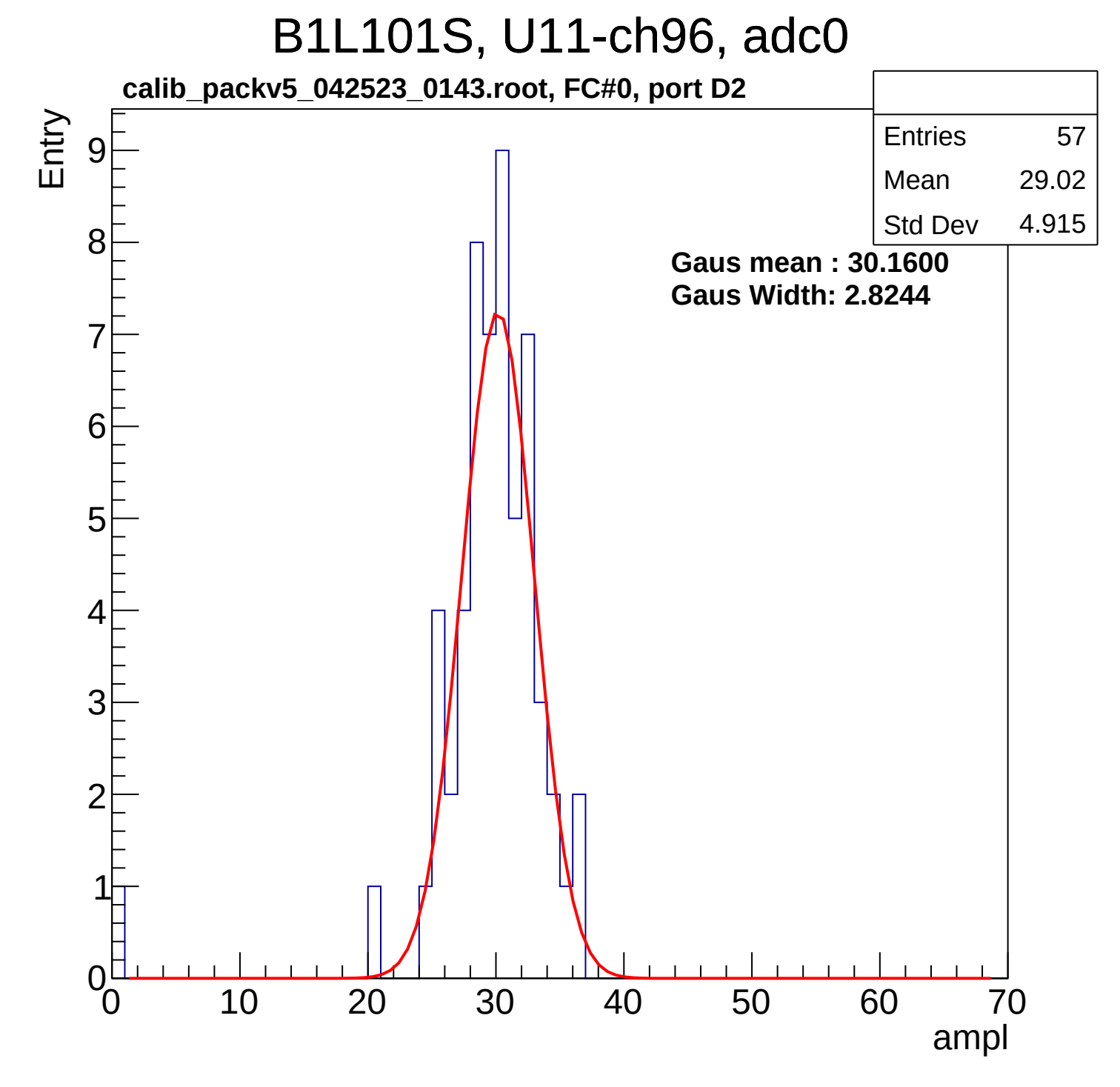
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch96, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 29.02
Std Dev 4.915
Gaus mean : 30.1600
Gaus Width: 2.8244
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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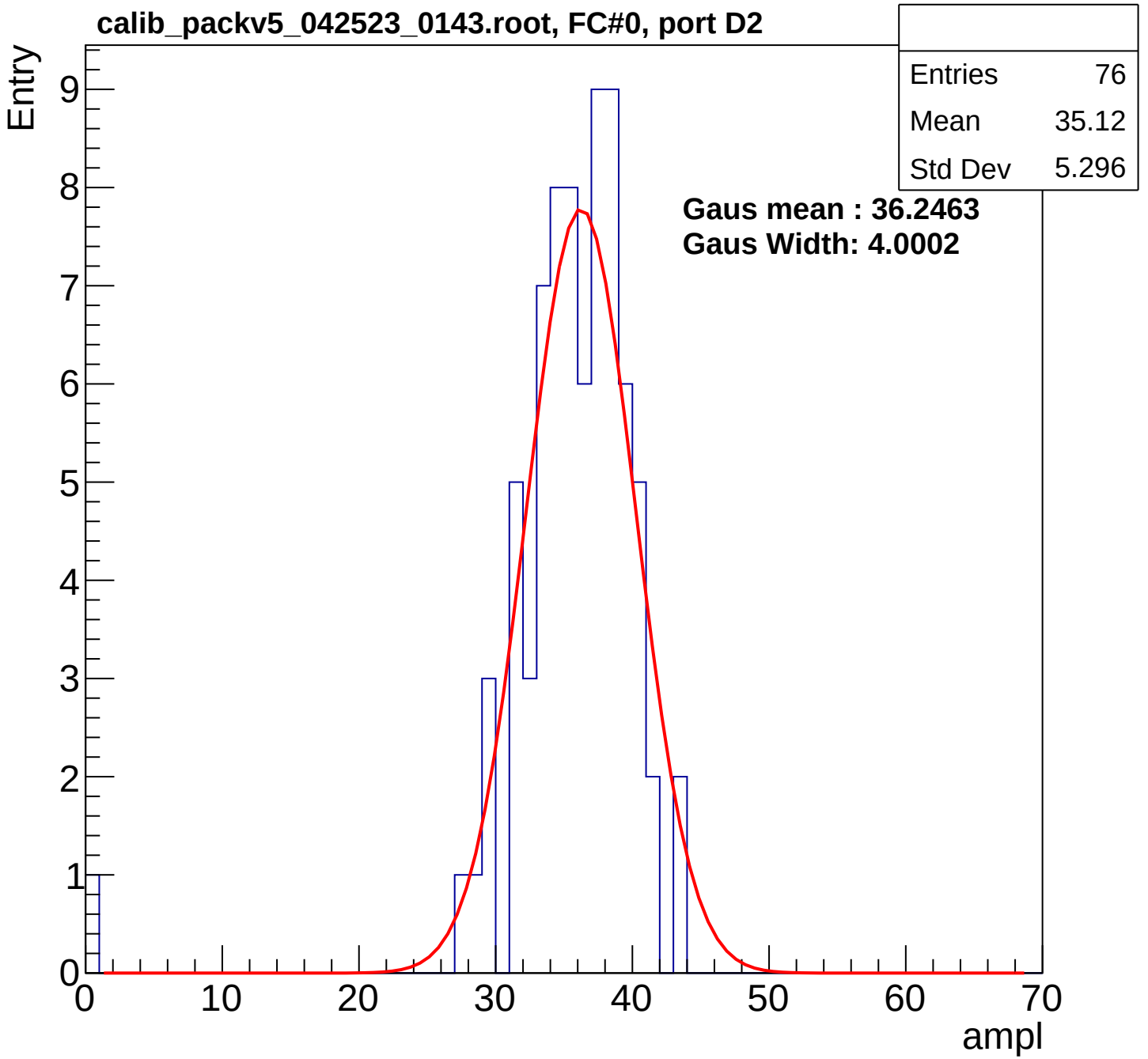
B1L101S, U11-ch96, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 35.12
Std Dev 5.296
Gaus mean : 36.2463
Gaus Width: 4.0002
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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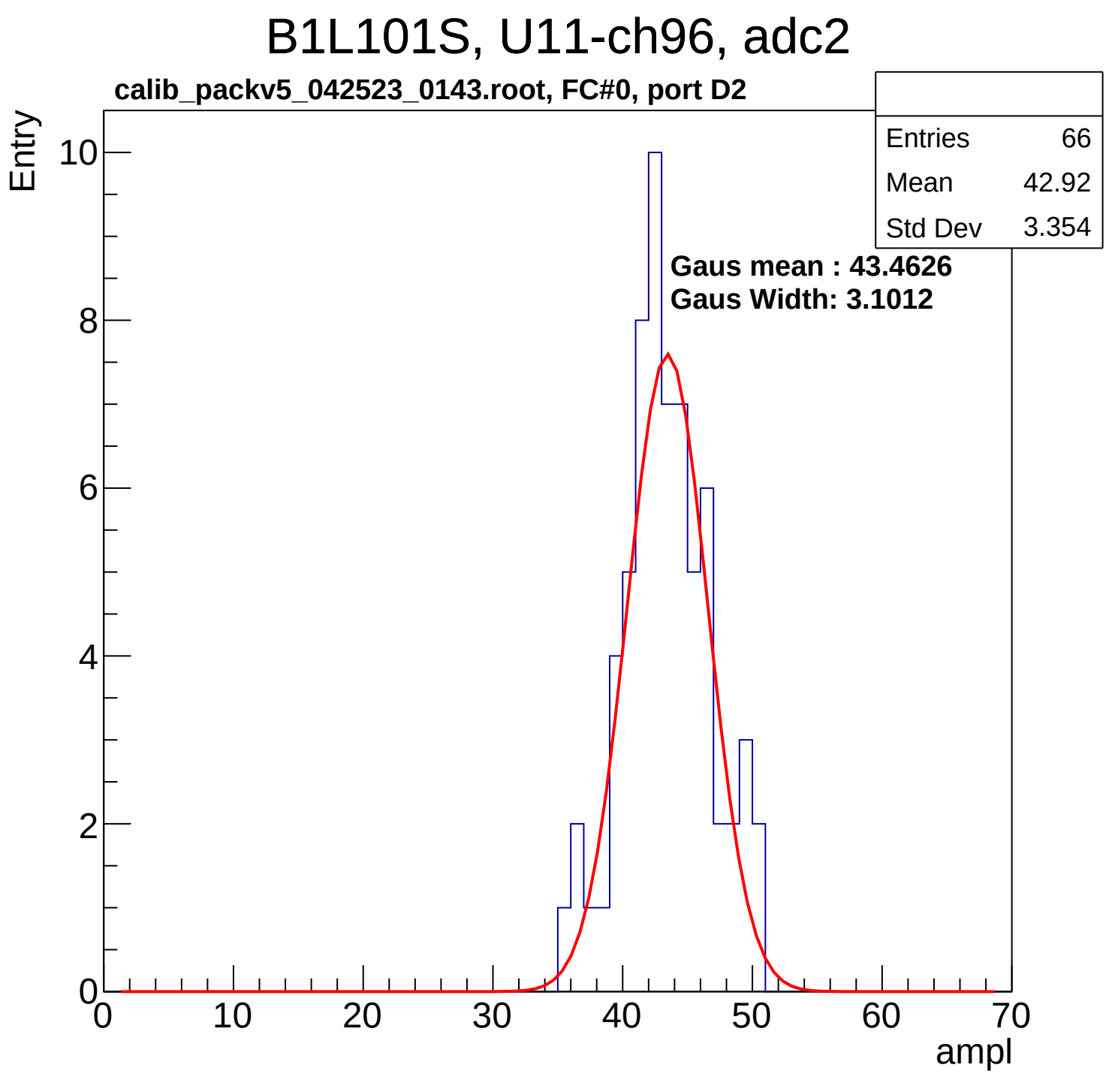
B1L101S, U11-ch96, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 42.92
Std Dev 3.354
Gaus mean : 43.4626
Gaus Width: 3.1012
Entry
ampl
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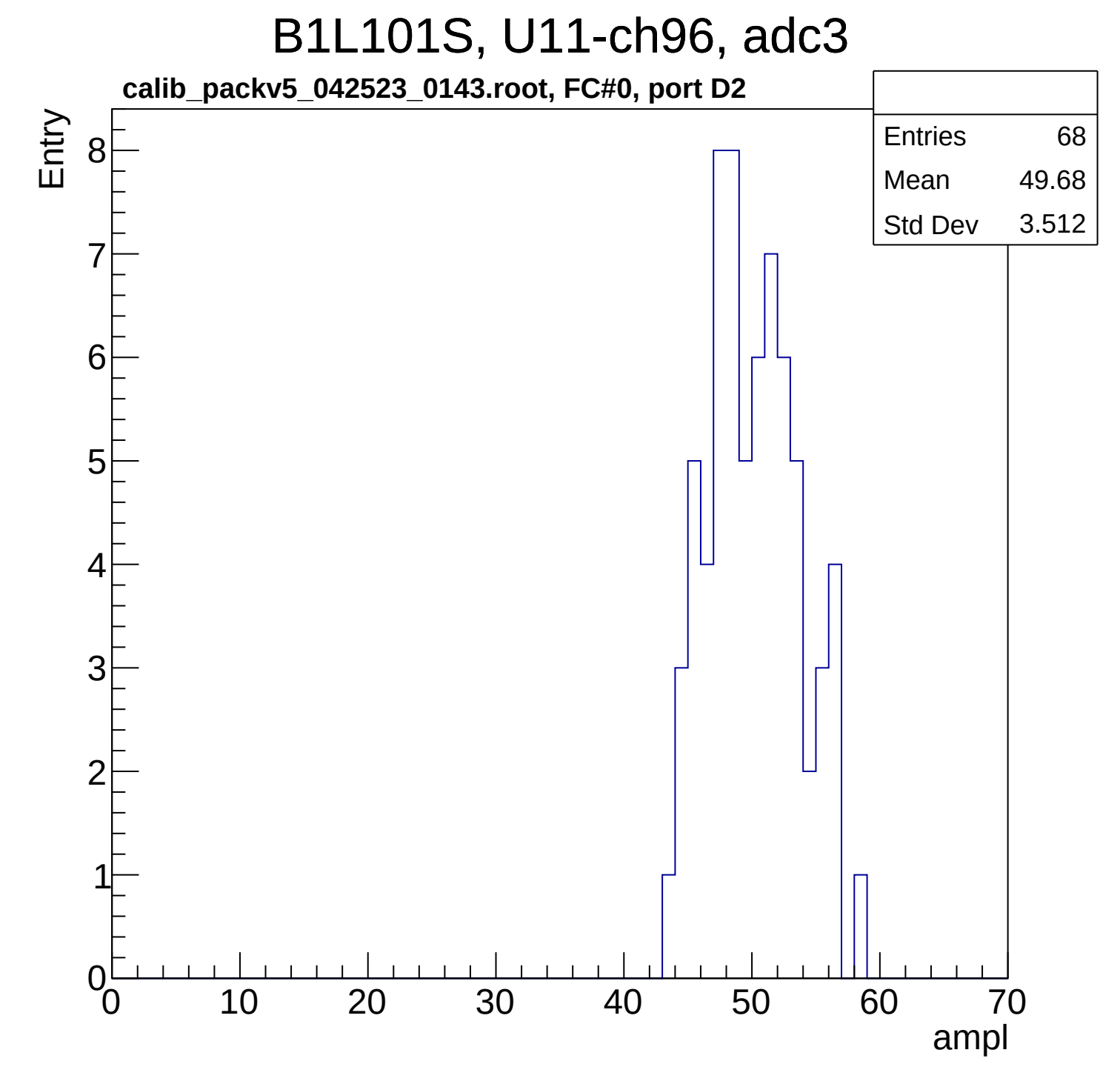
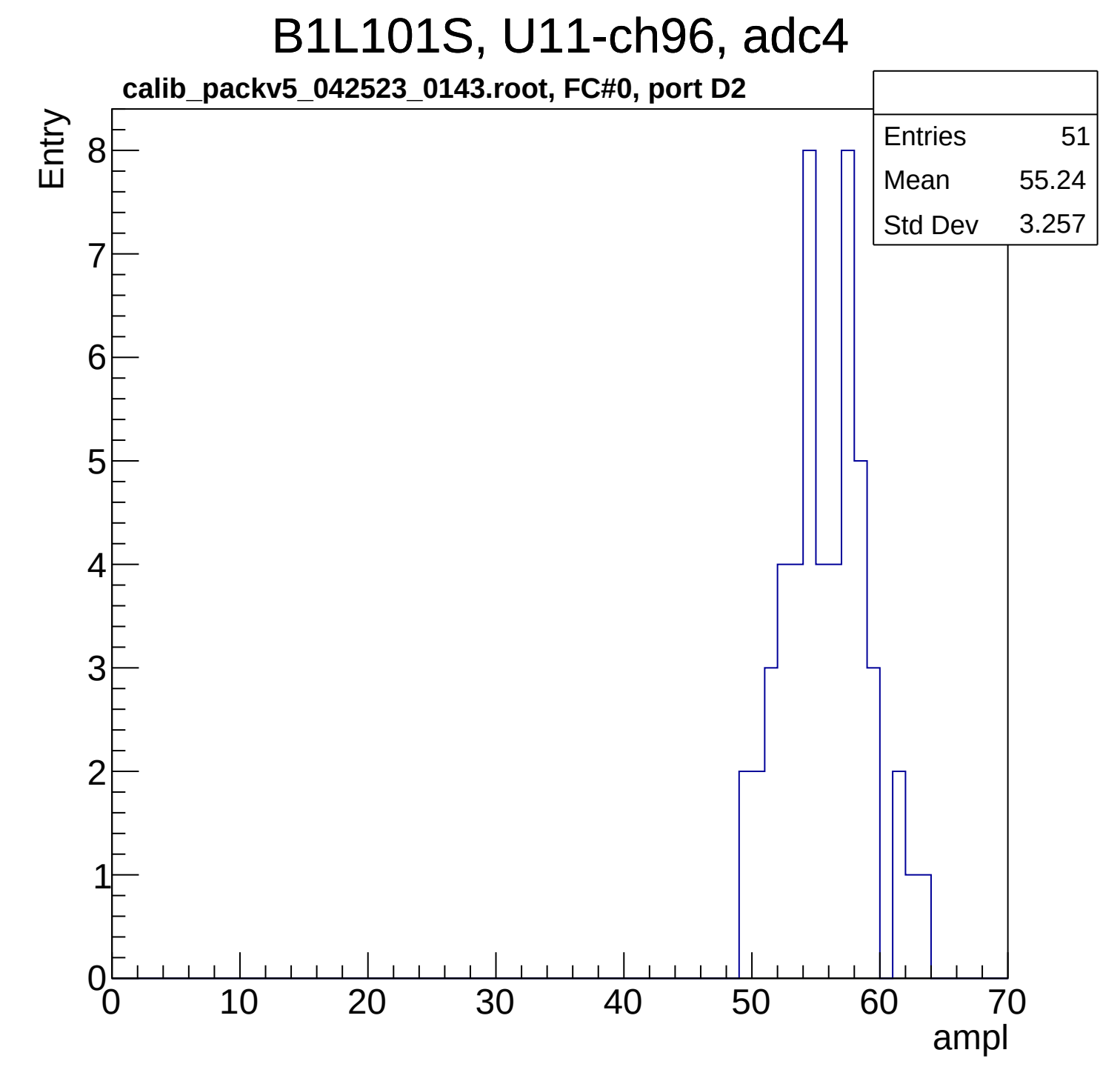
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch96, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 49.68
Std Dev 3.512
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch96, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 55.24
Std Dev 3.257
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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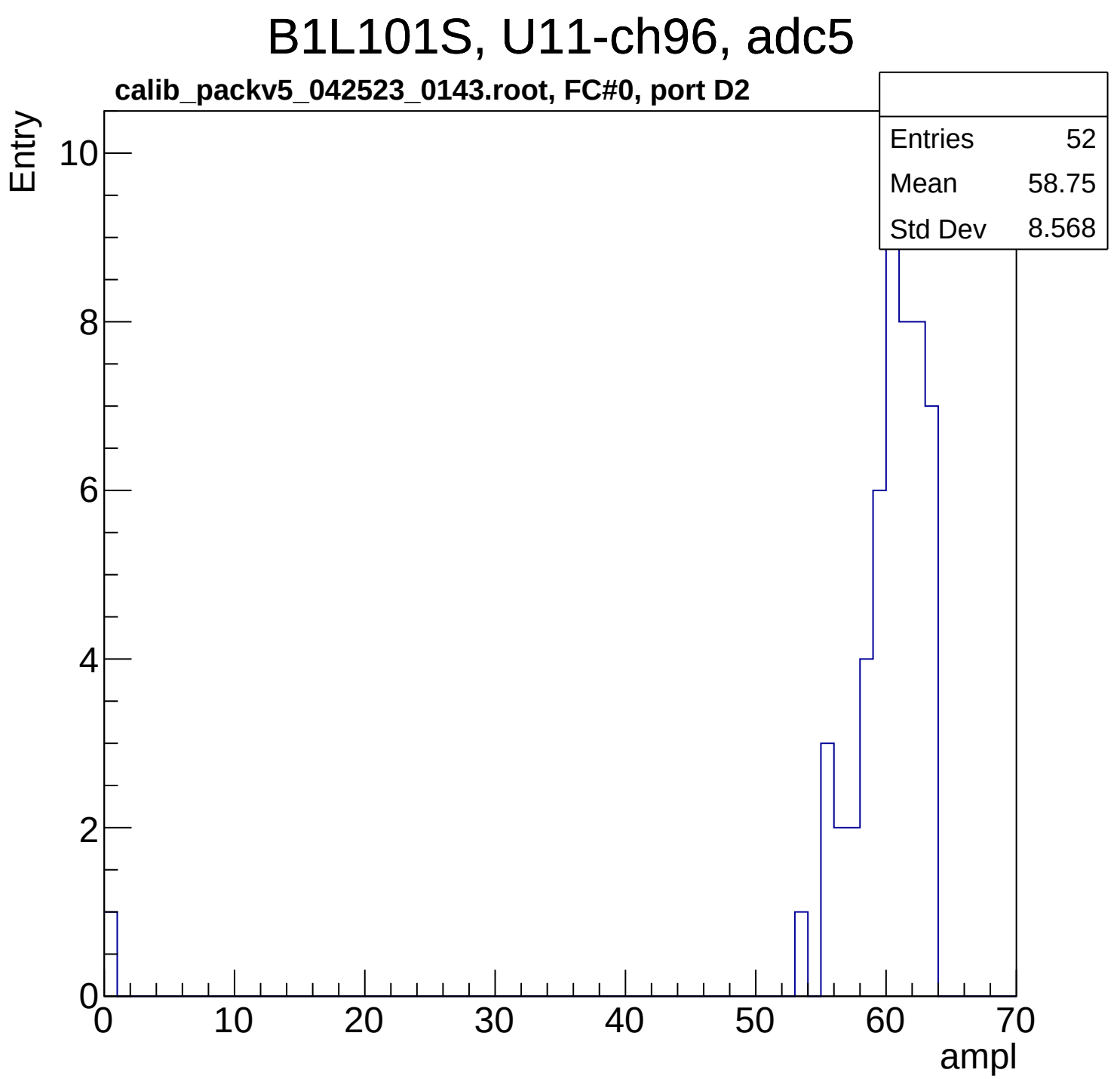
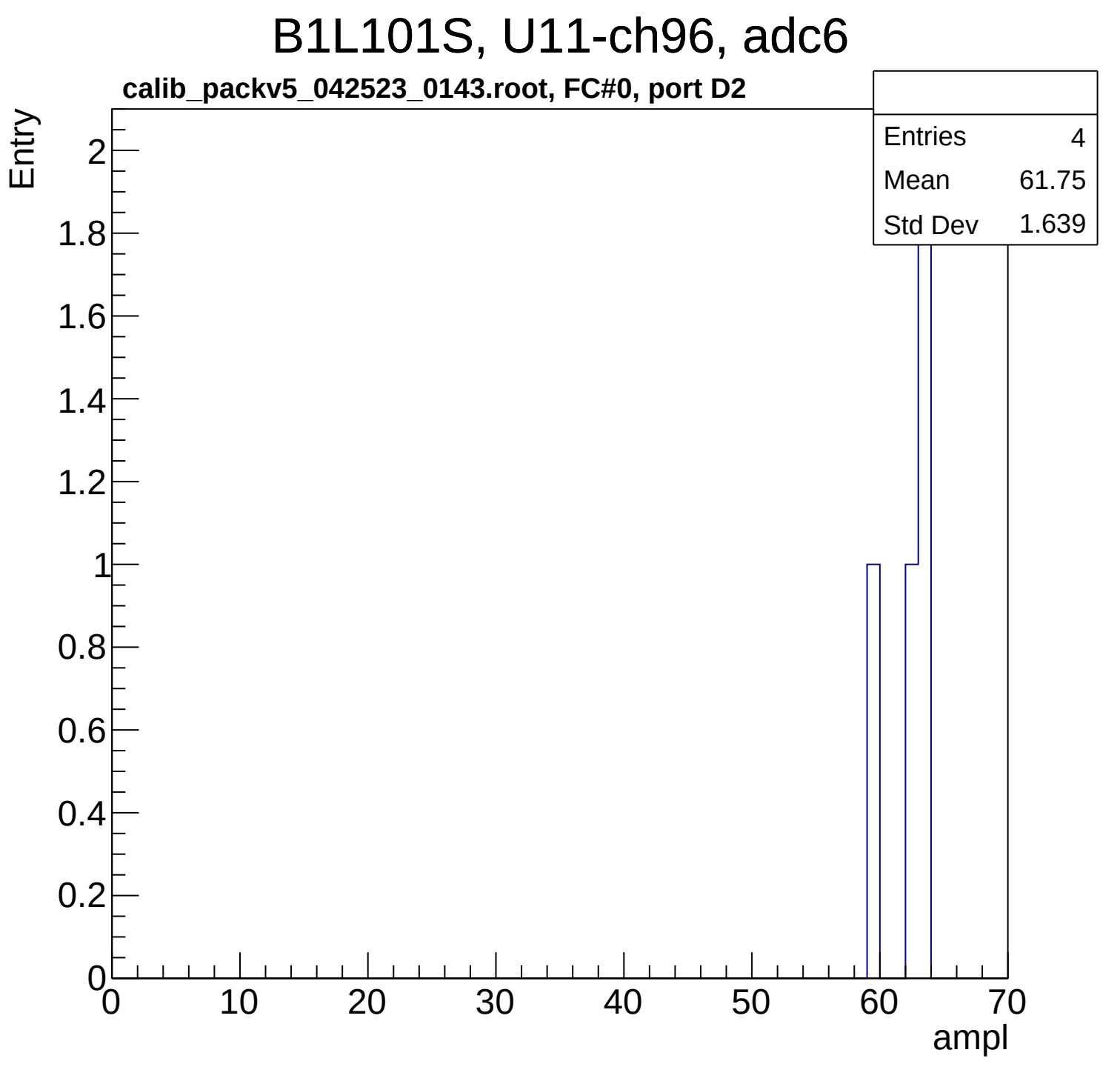
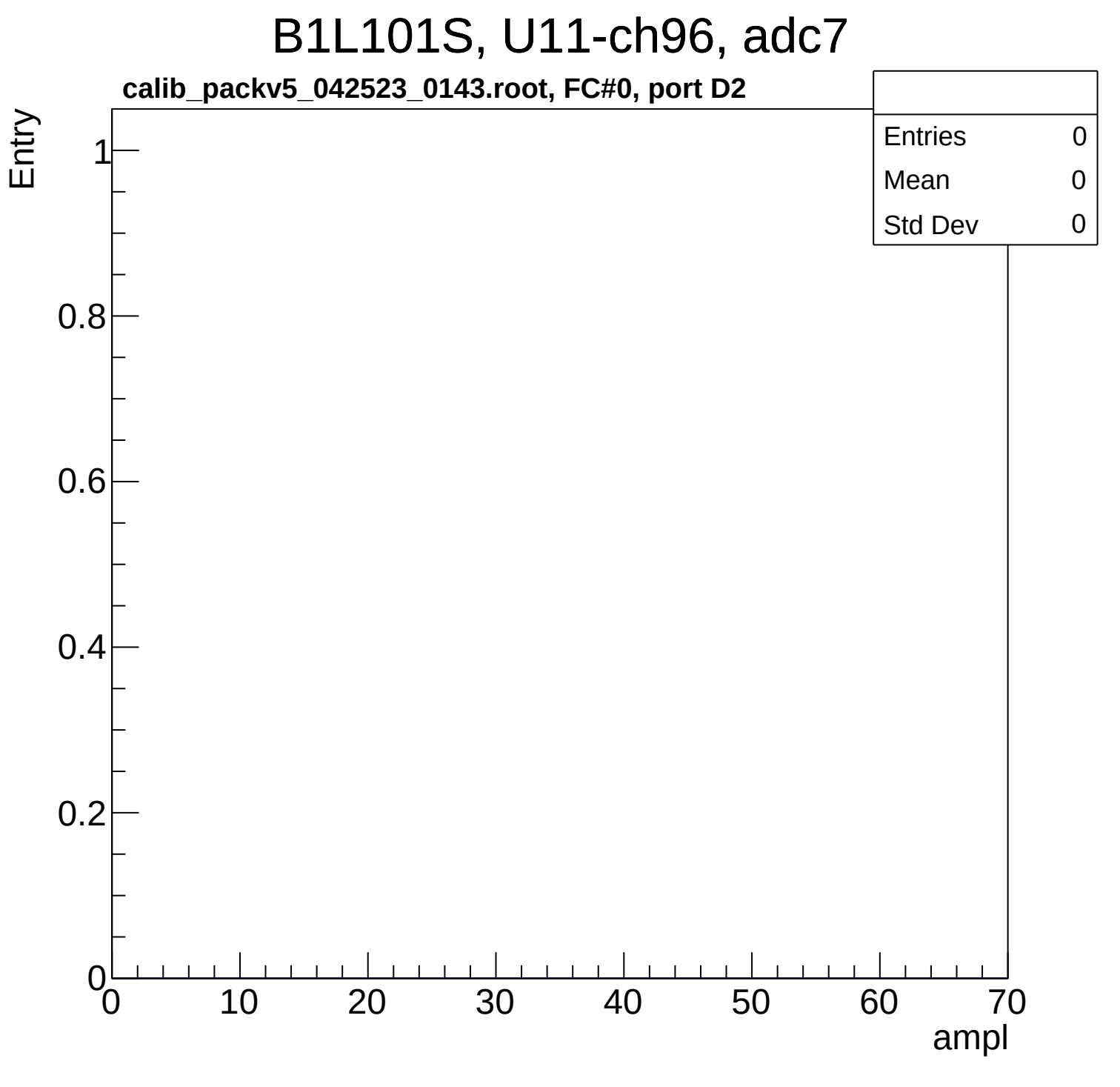
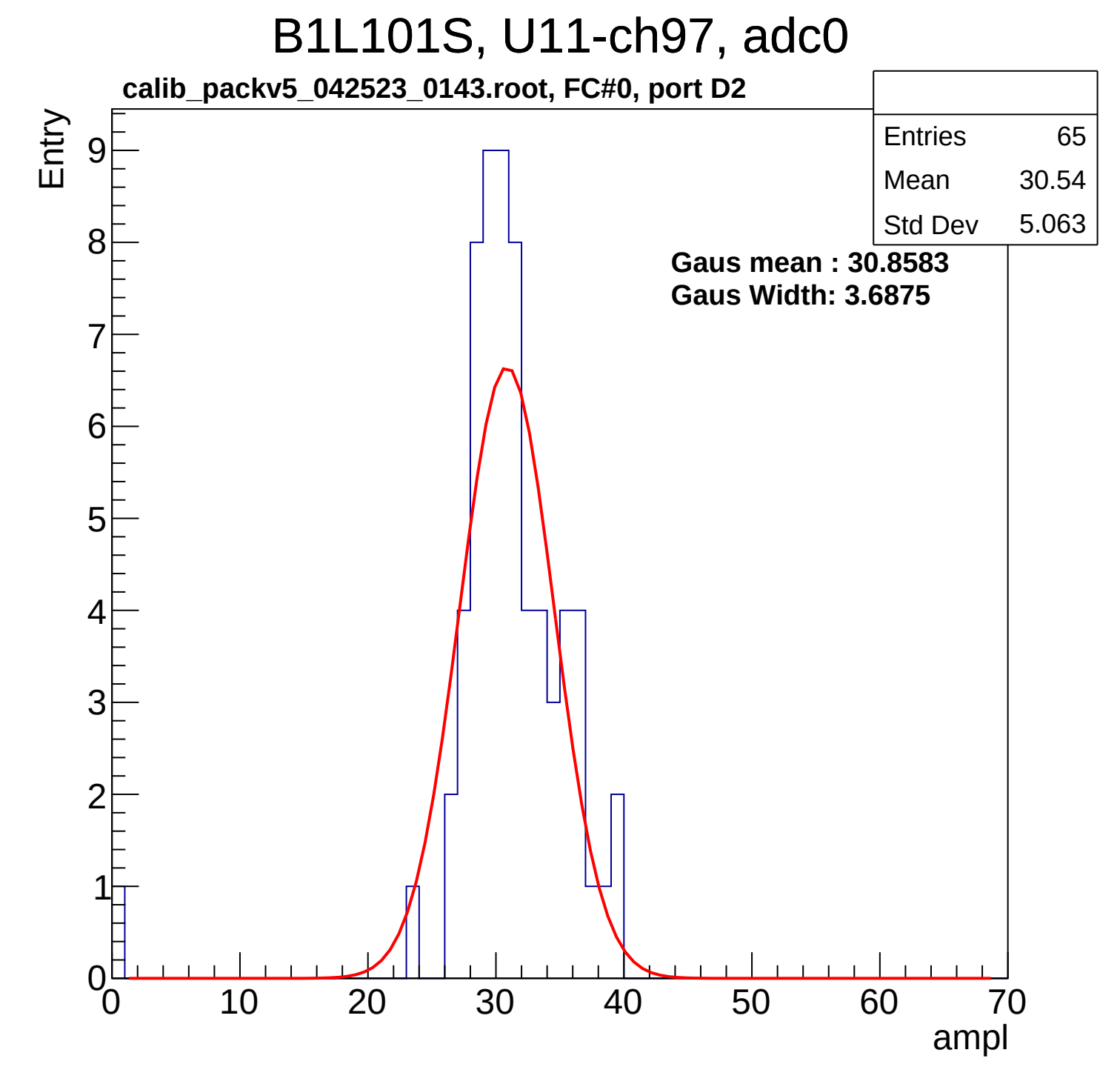
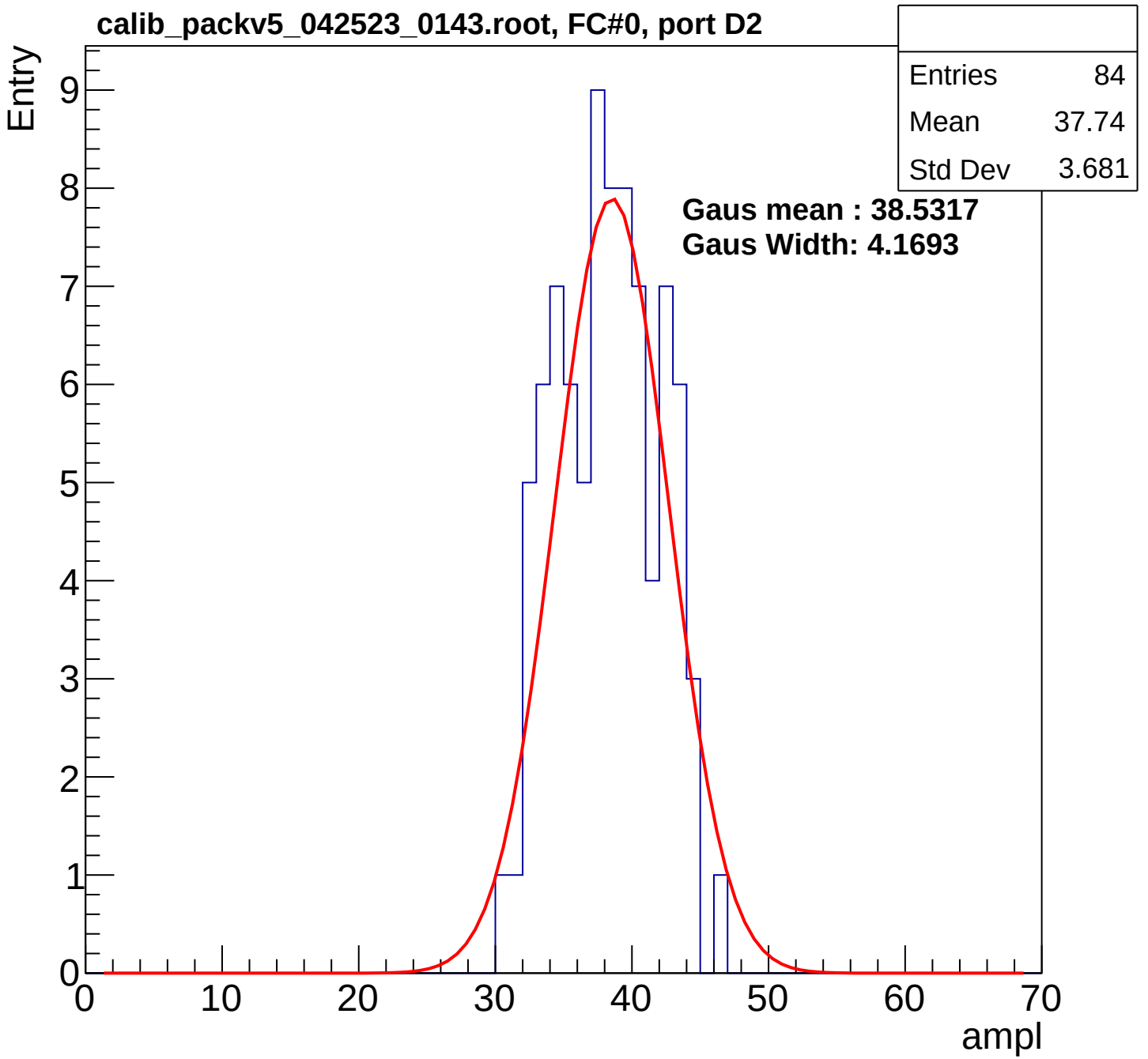
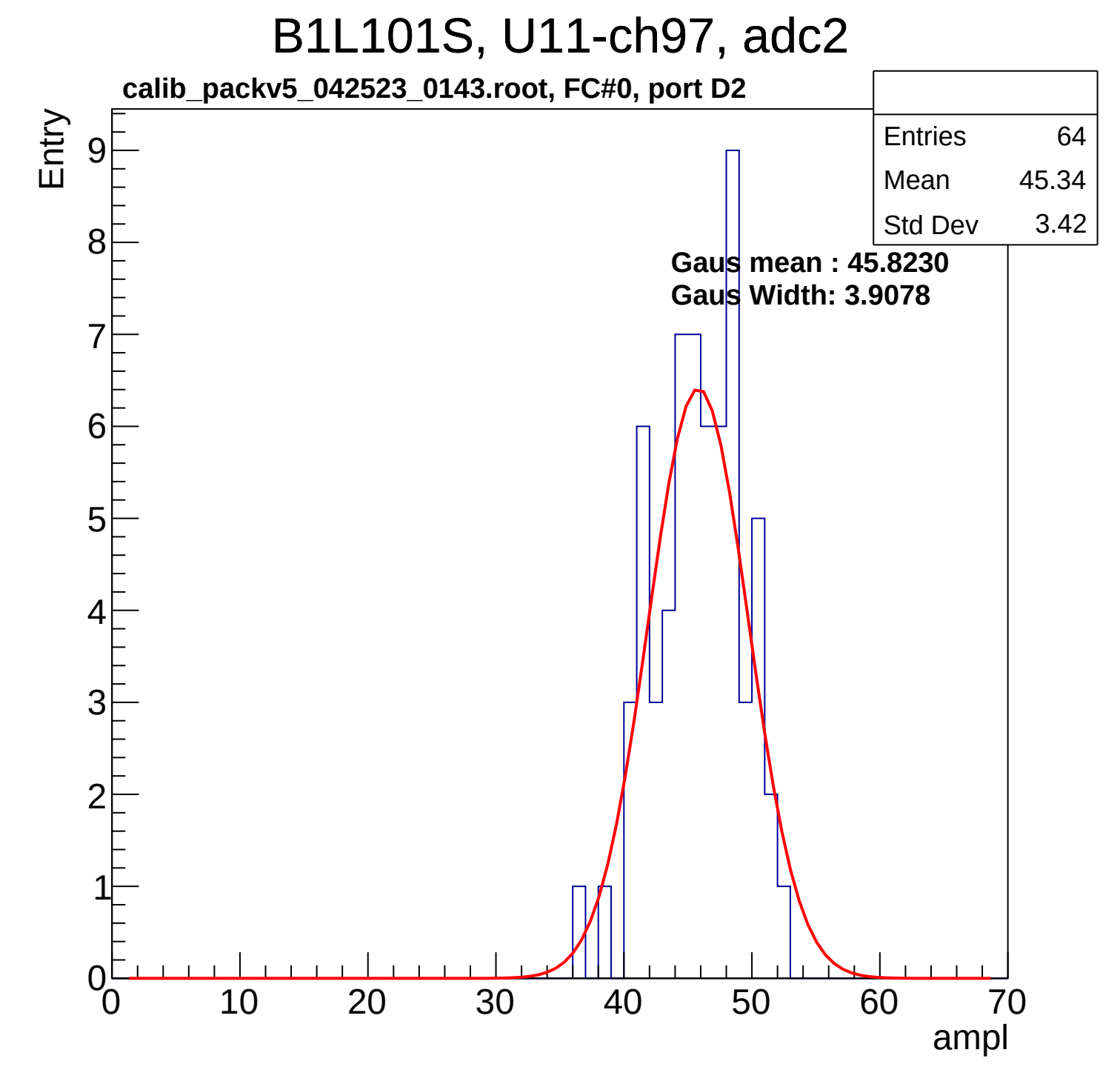

B1L101S, U11-ch96, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 58.75
Std Dev 8.568
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch96, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 61.75
Std Dev 1.639
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


B1L101S, U11-ch96, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch97, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 30.54
Std Dev 5.063
Gaus mean : 30.8583
Gaus Width: 3.6875
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch97, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 84
Mean 37.74
Std Dev 3.681
Gaus mean : 38.5317
Gaus Width: 4.1693
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch97, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 45.34
Std Dev 3.42
Gaus mean : 45.8230
Gaus Width: 3.9078
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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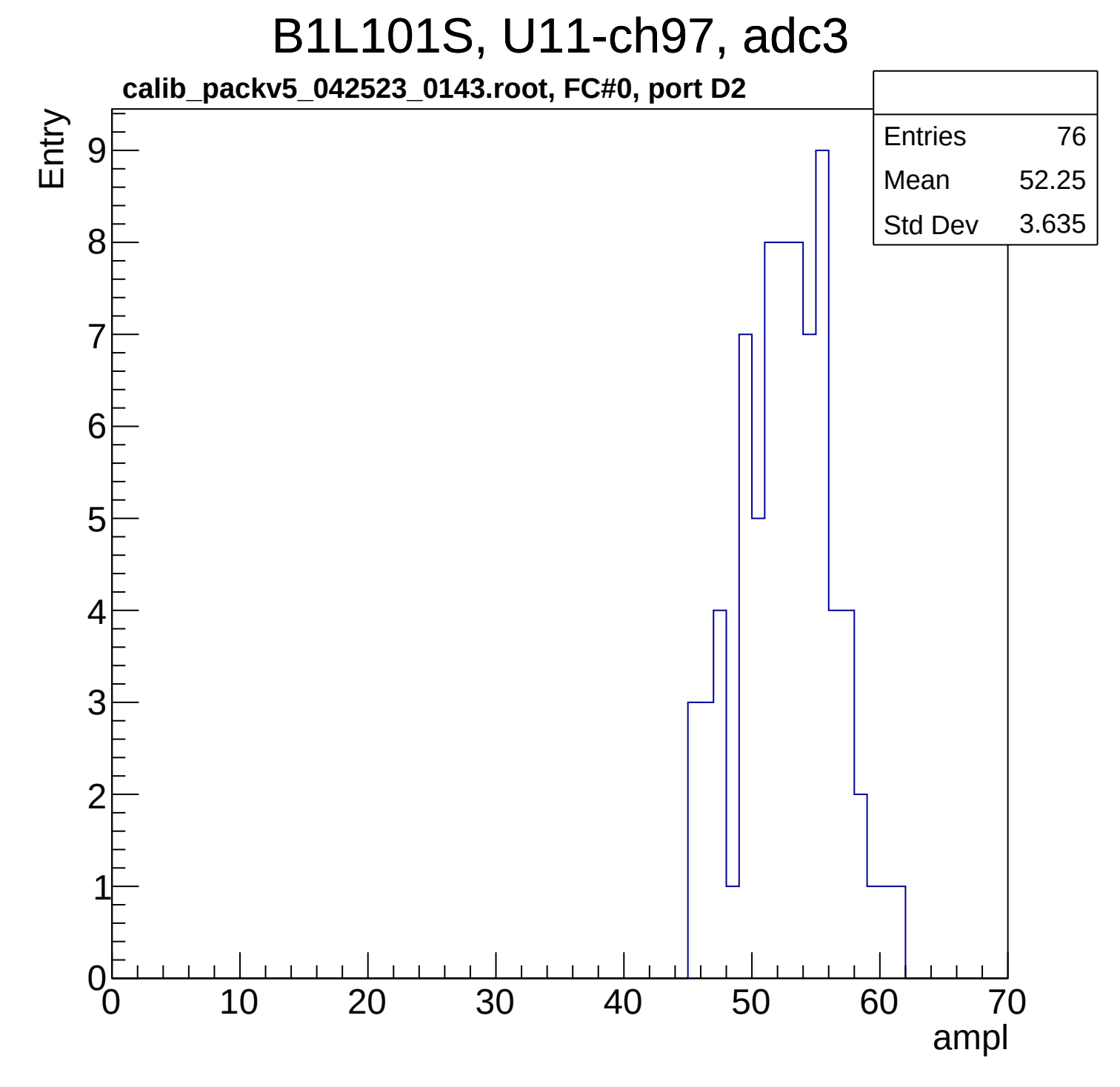
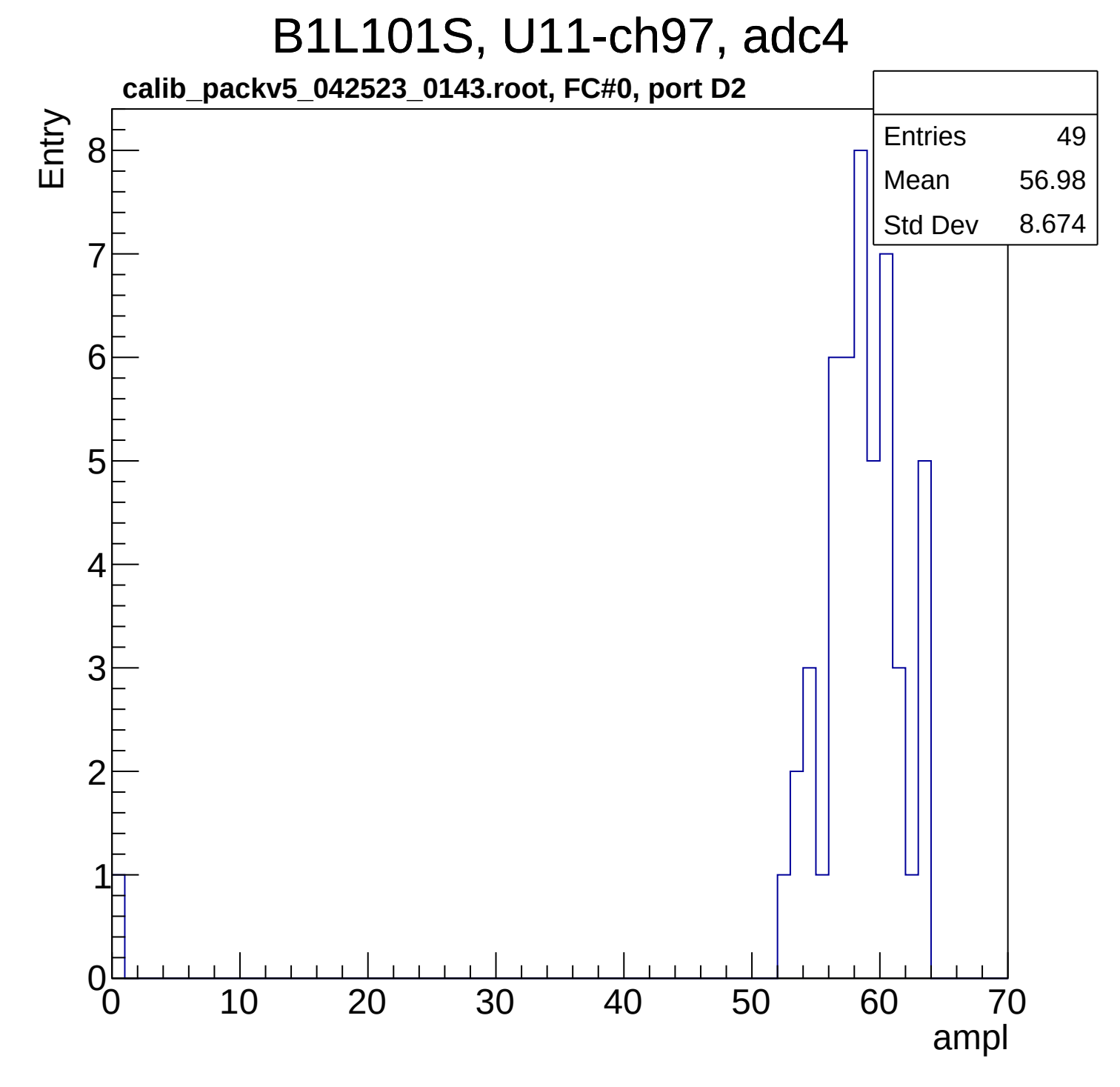
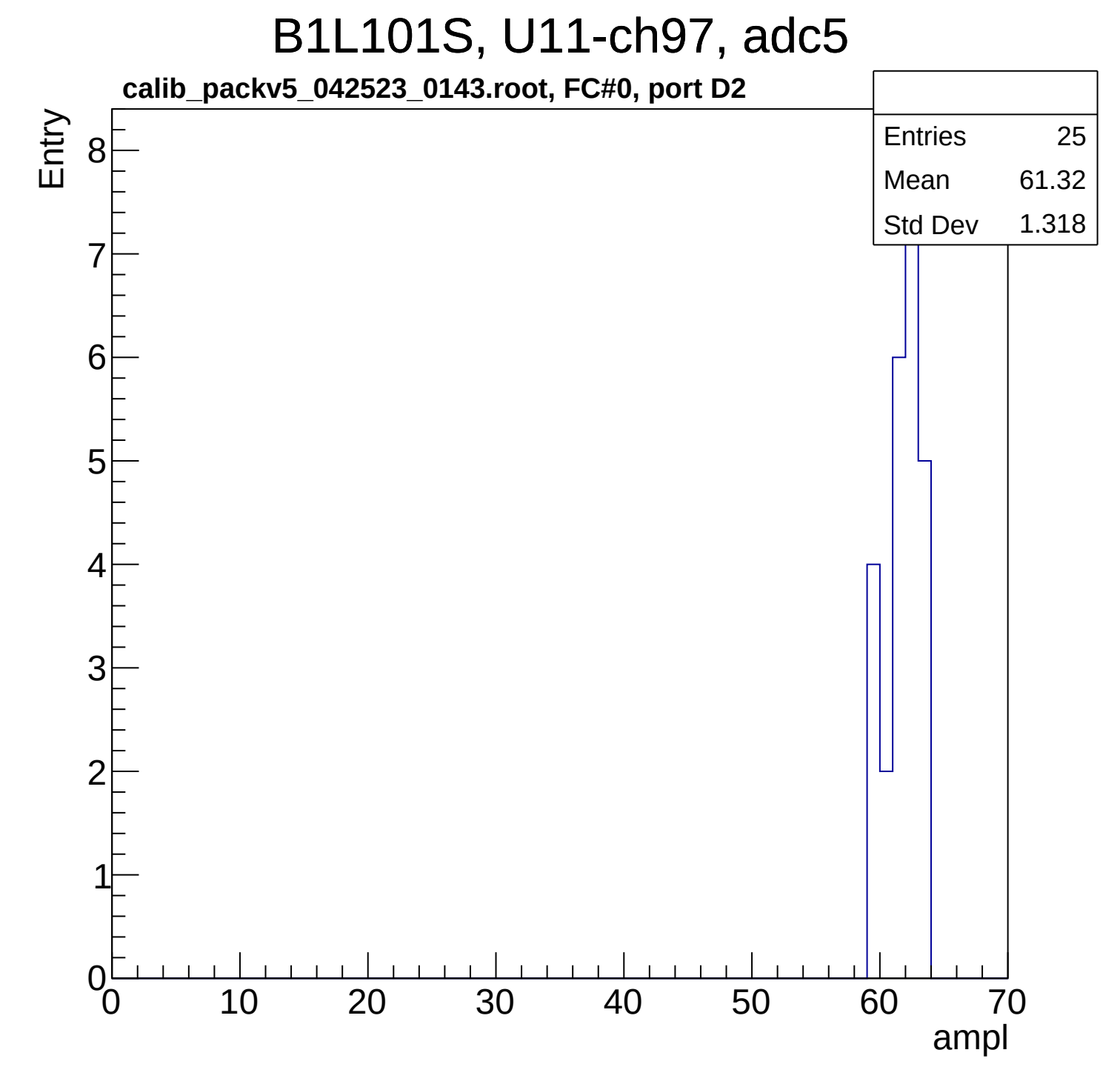
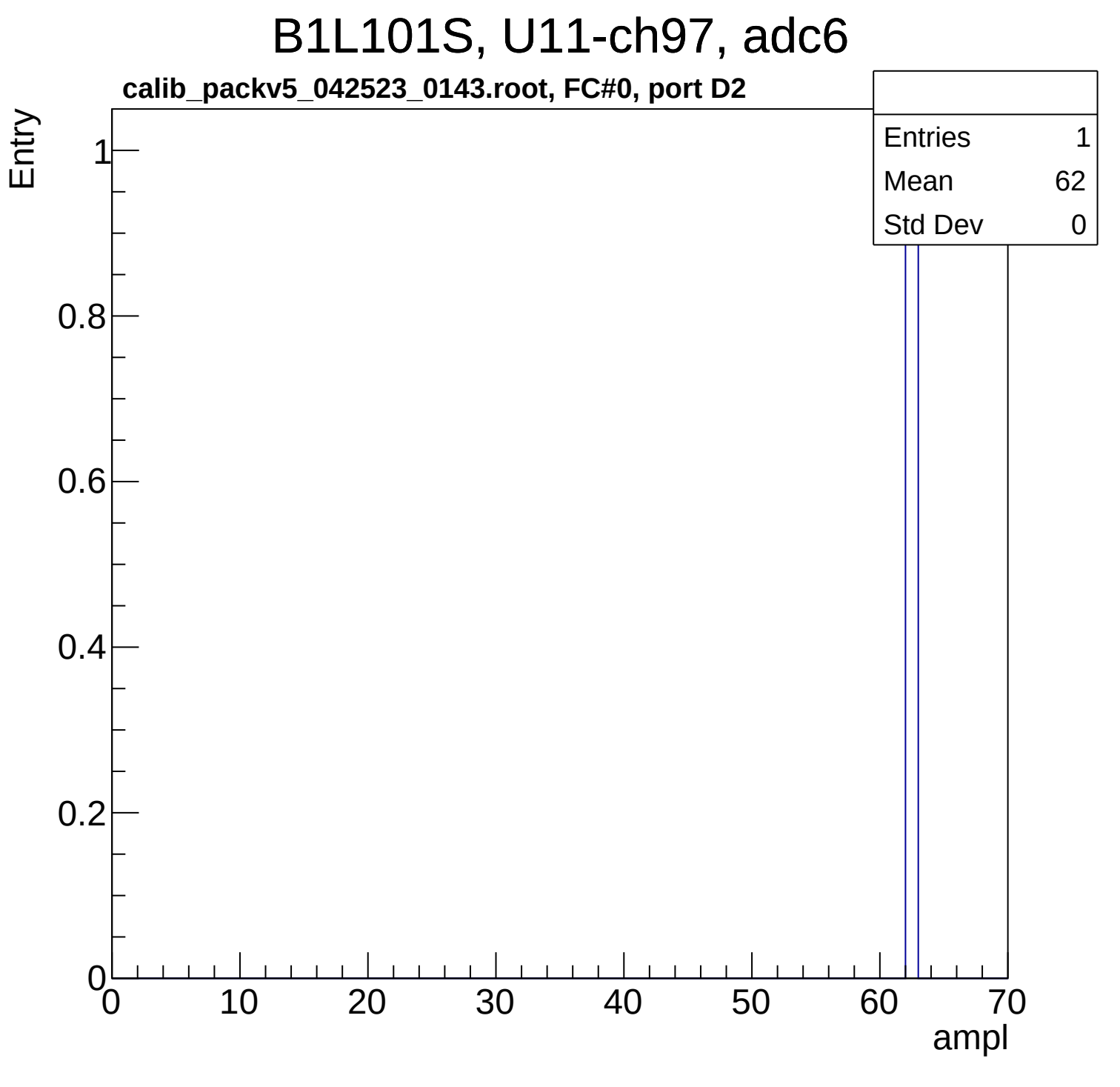
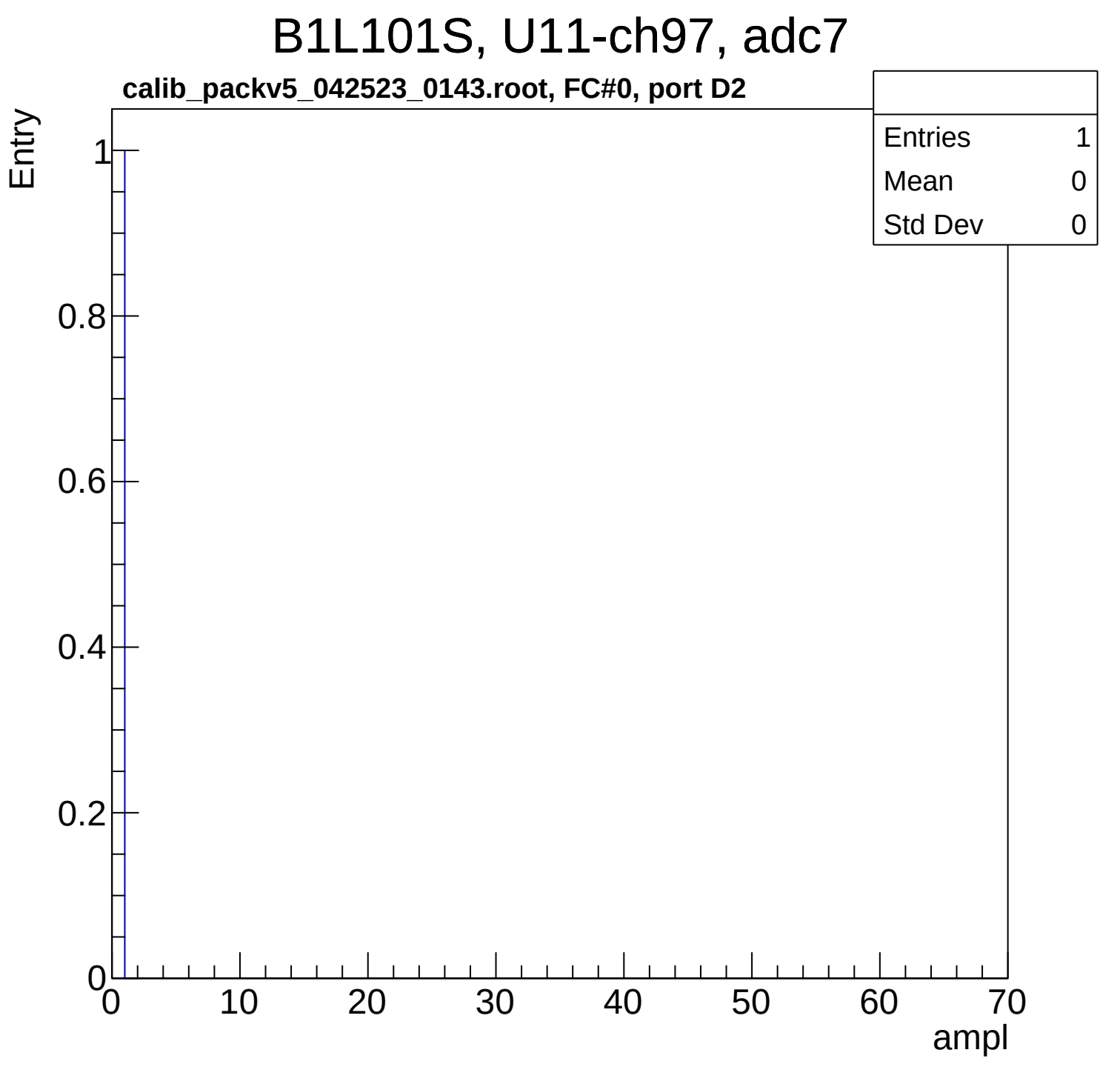
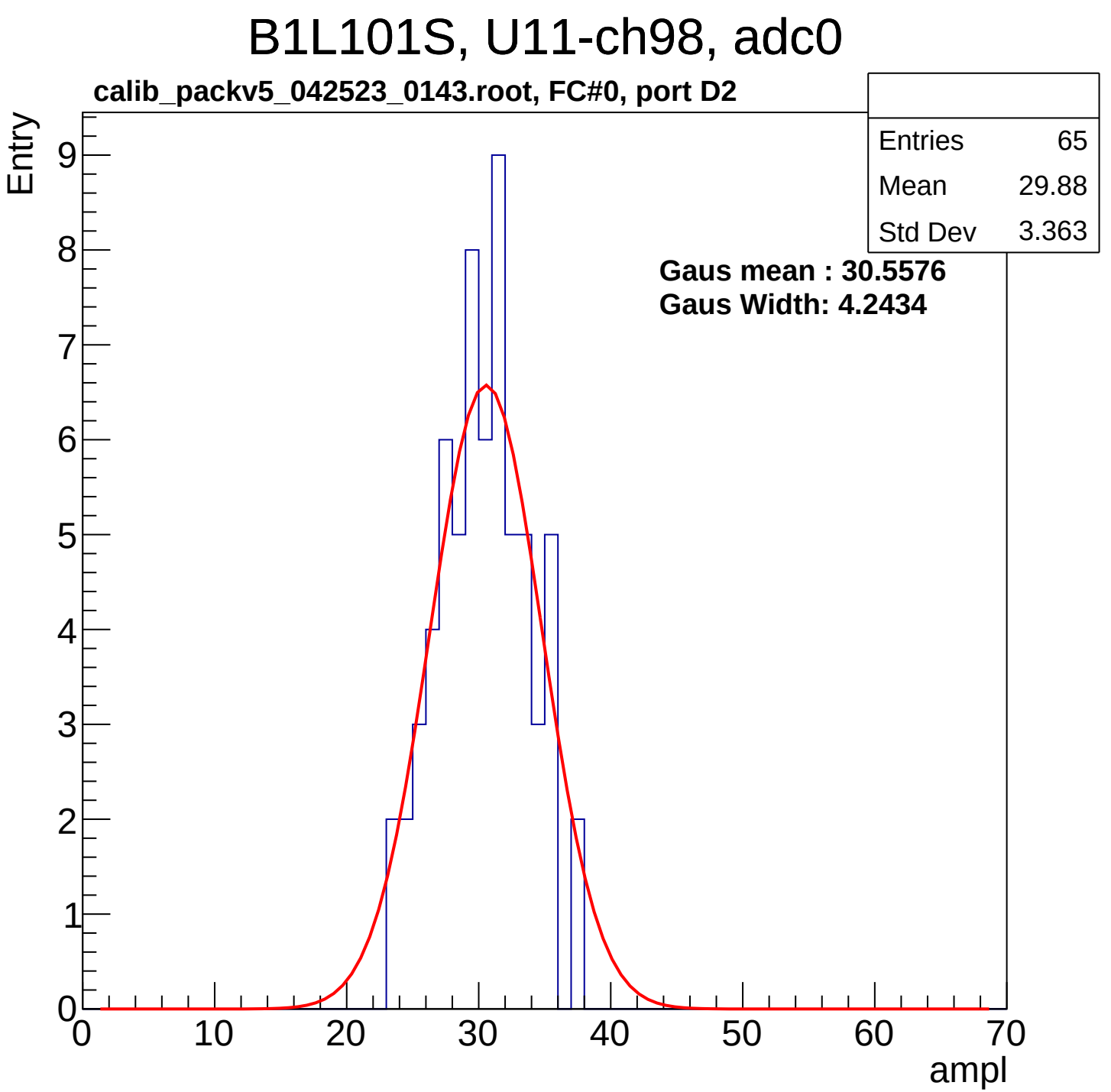

B1L101S, U11-ch97, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 52.25
Std Dev 3.635
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

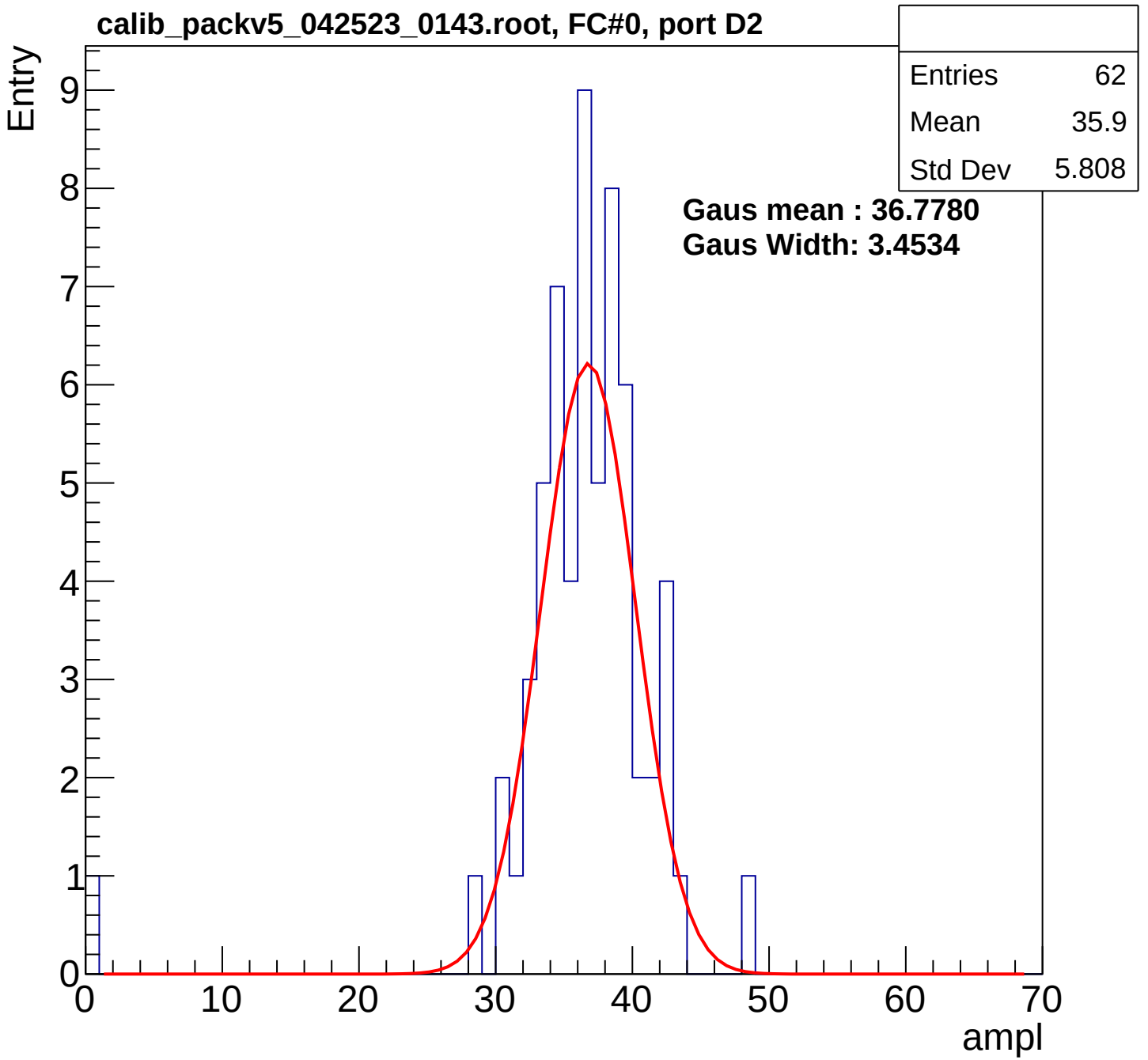

B1L101S, U11-ch97, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 49
Mean 56.98
Std Dev 8.674
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch97, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 25
Mean 61.32
Std Dev 1.318
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch97, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 62
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch97, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch98, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 29.88
Std Dev 3.363
Gaus mean : 30.5576
Gaus Width: 4.2434
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch98, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 35.9
Std Dev 5.808
Gaus mean : 36.7780
Gaus Width: 3.4534
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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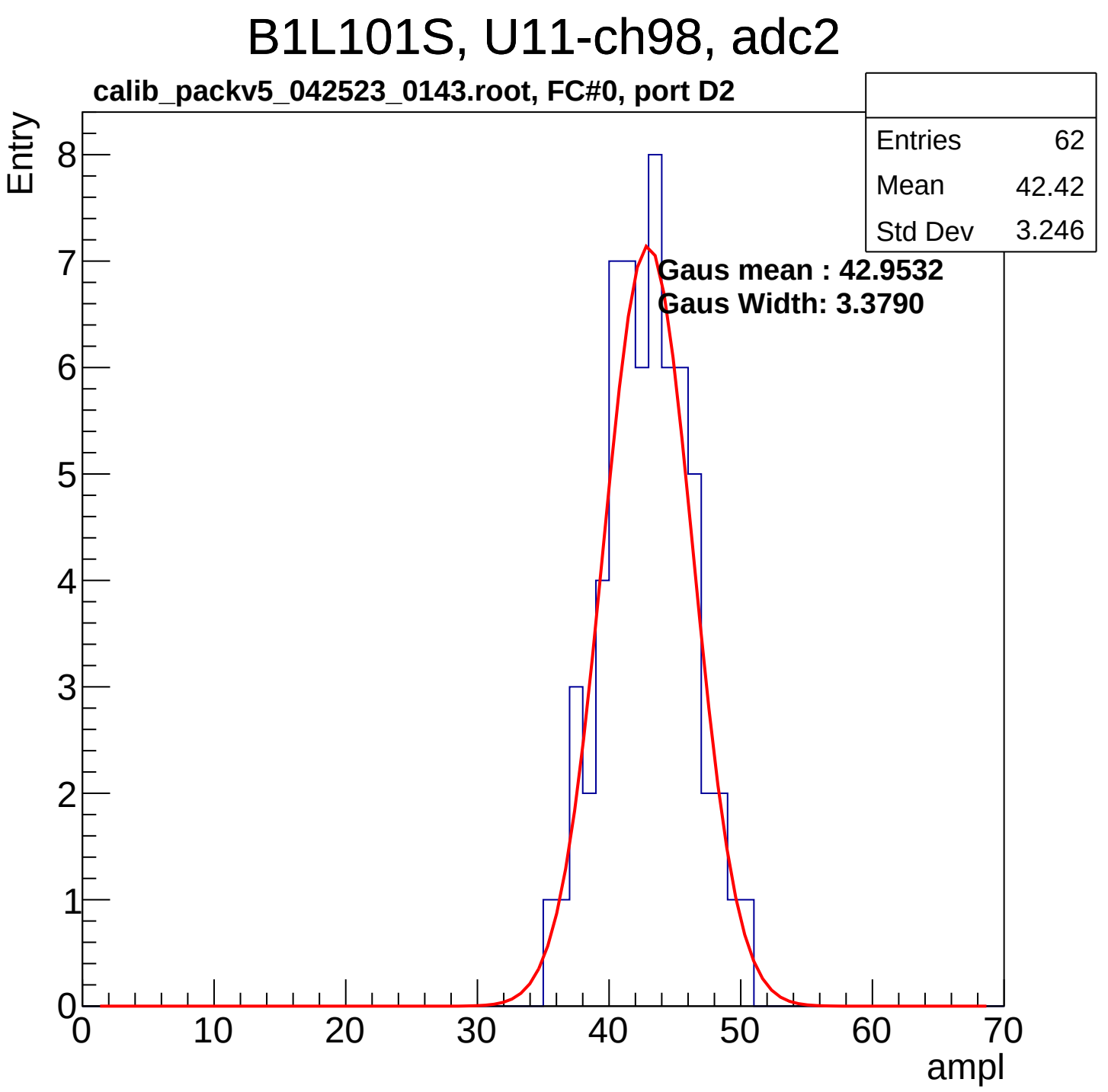
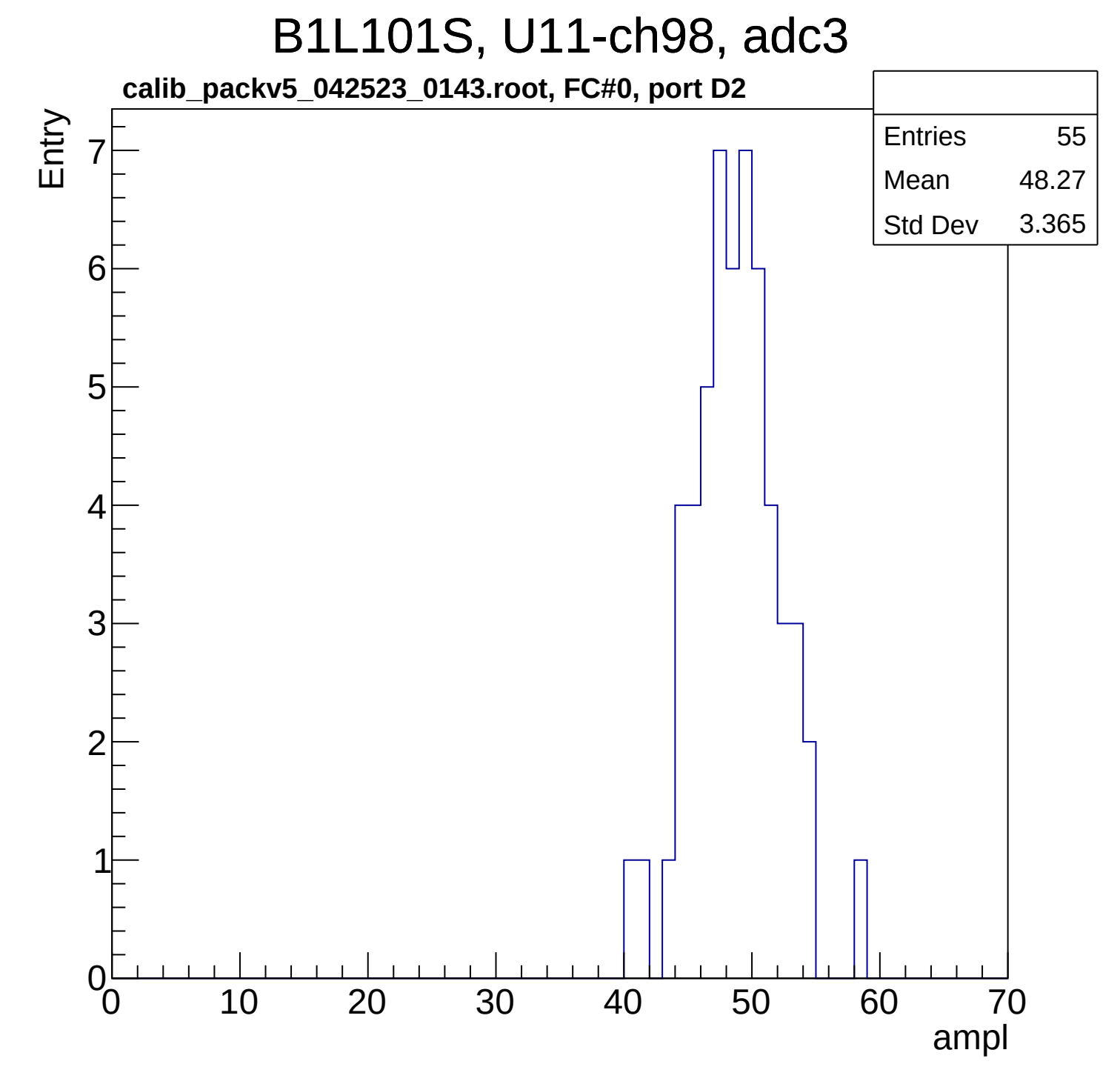
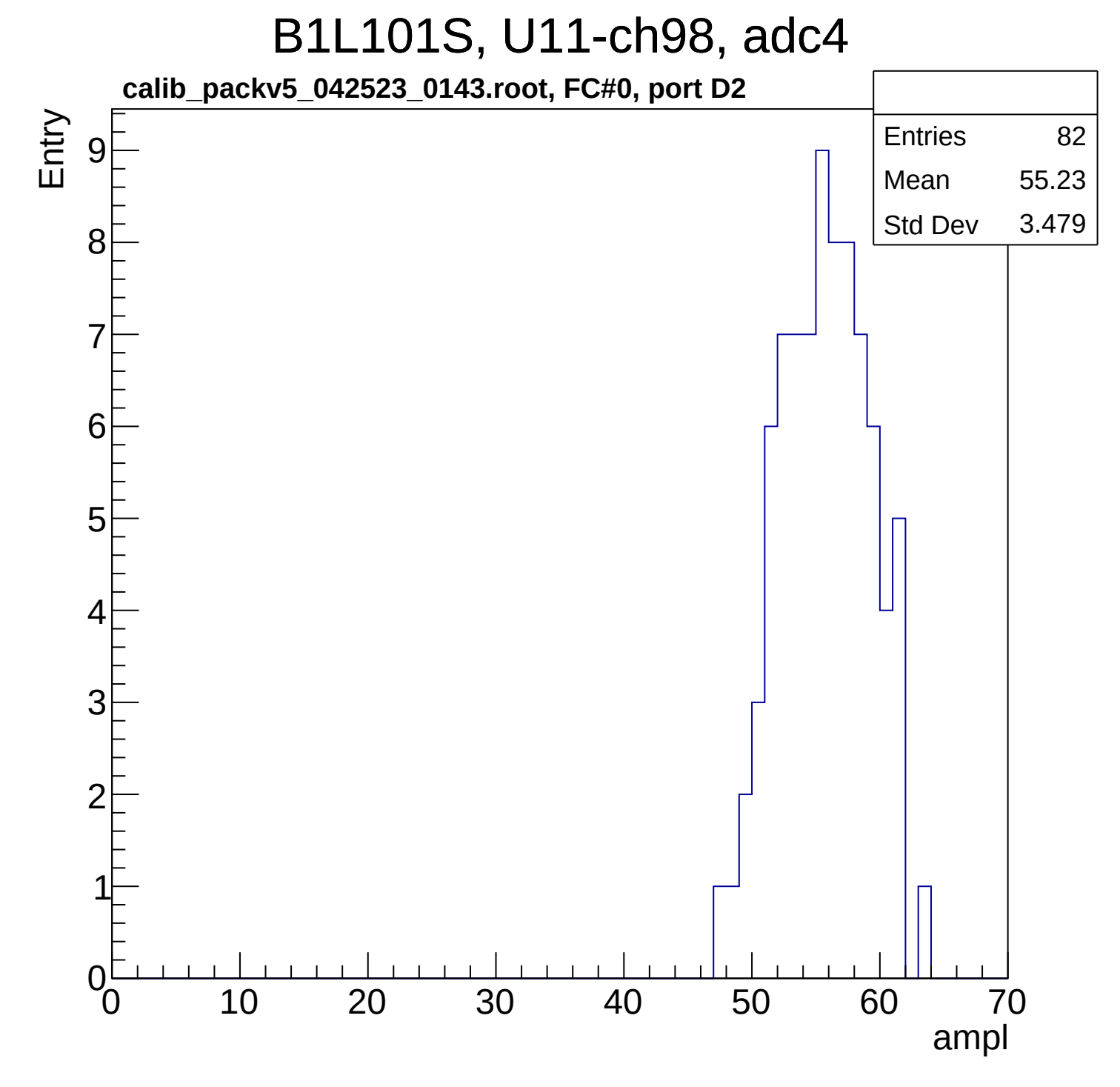

B1L101S, U11-ch98, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 42.42
Std Dev 3.246
Gaus mean : 42.9532
Gaus Width: 3.3790
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch98, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 48.27
Std Dev 3.365
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch98, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 82
Mean 55.23
Std Dev 3.479
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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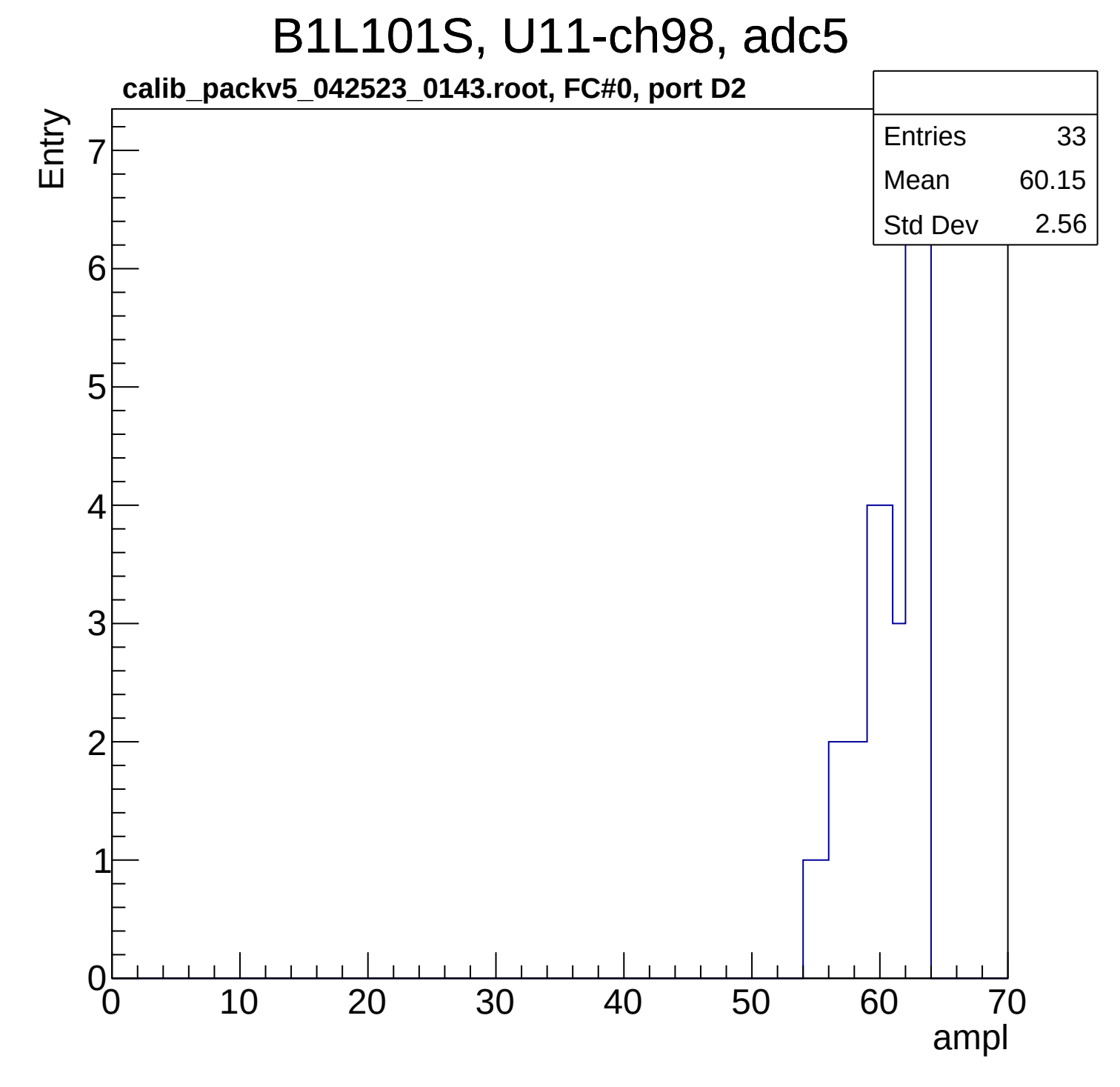
40
50
60
70


B1L101S, U11-ch98, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 33
Mean 60.15
Std Dev 2.56
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
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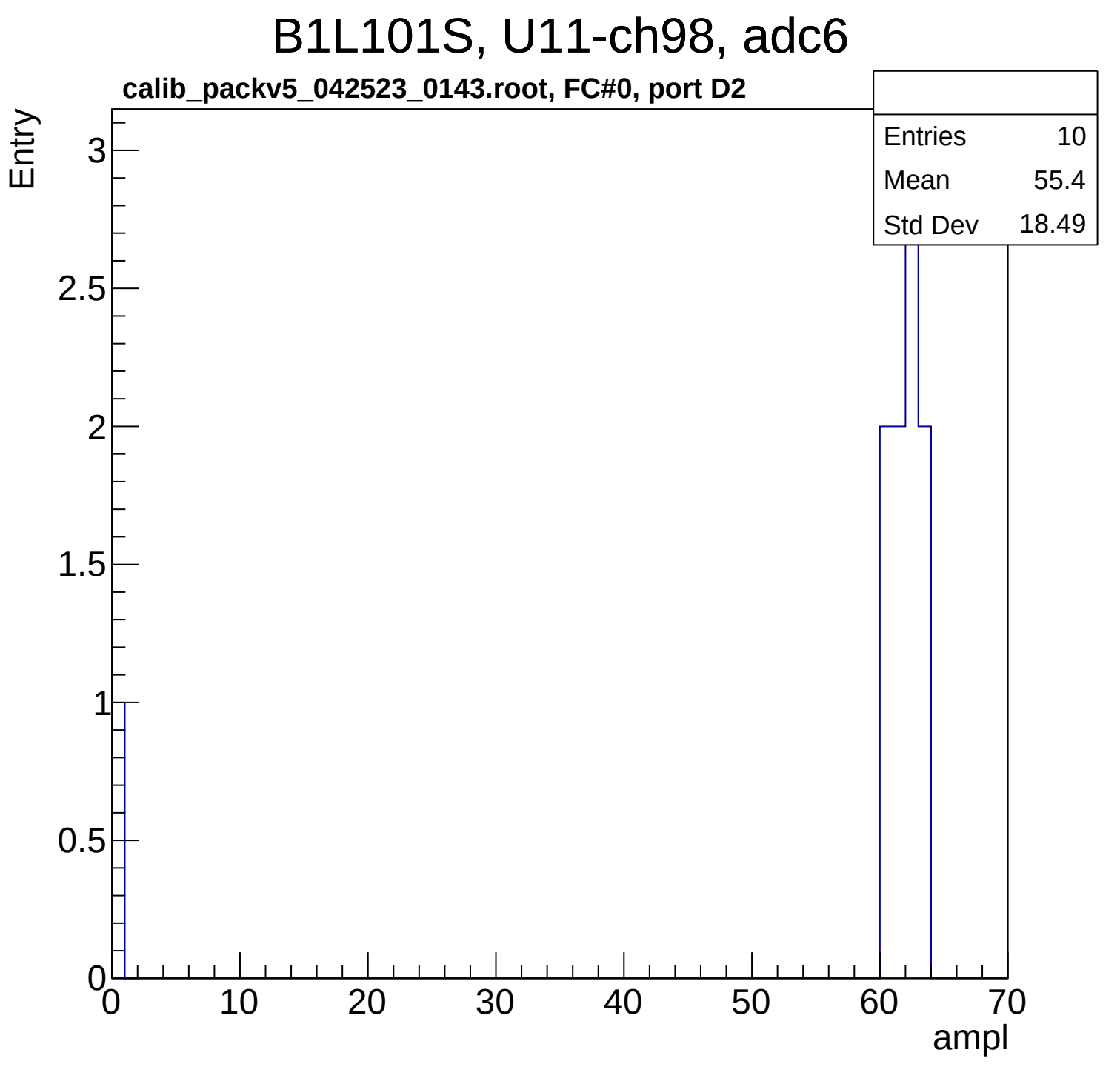
40
50
60
70


B1L101S, U11-ch98, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 10
Mean 55.4
Std Dev 18.49
Entry
ampl
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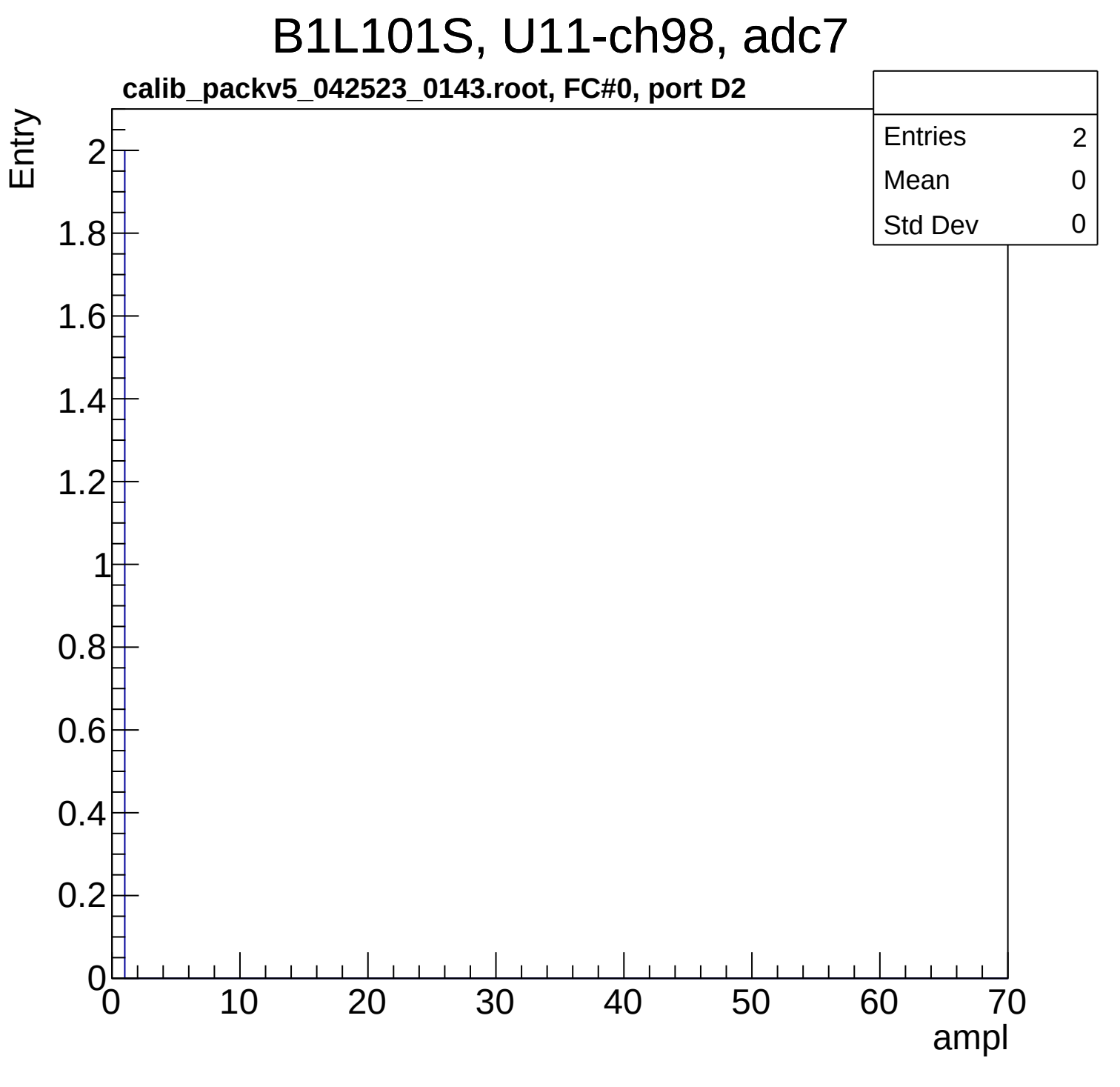
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L101S, U11-ch98, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 0
Std Dev 0
Entry
2
1.8
1.6
1.4
1.2
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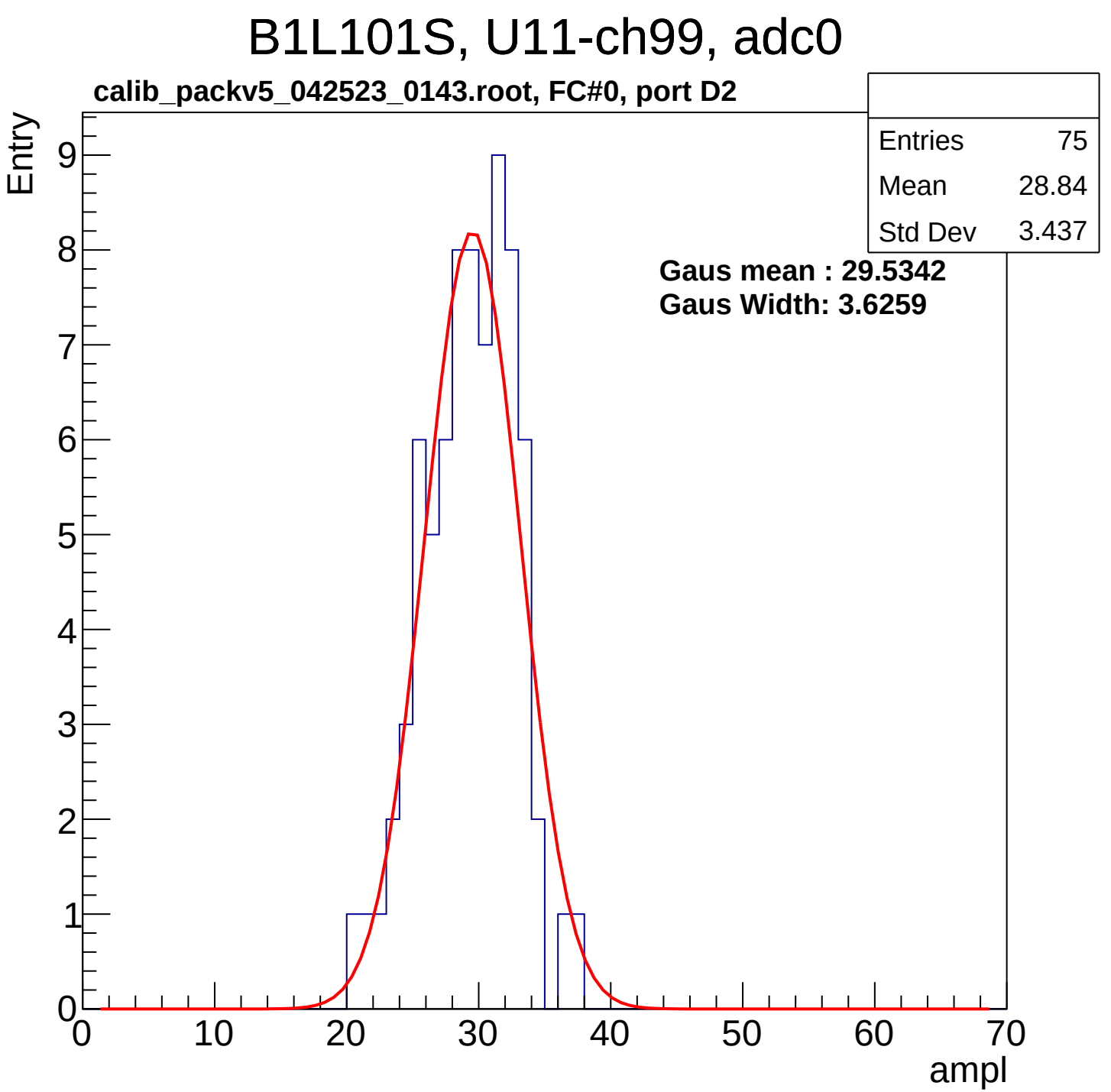
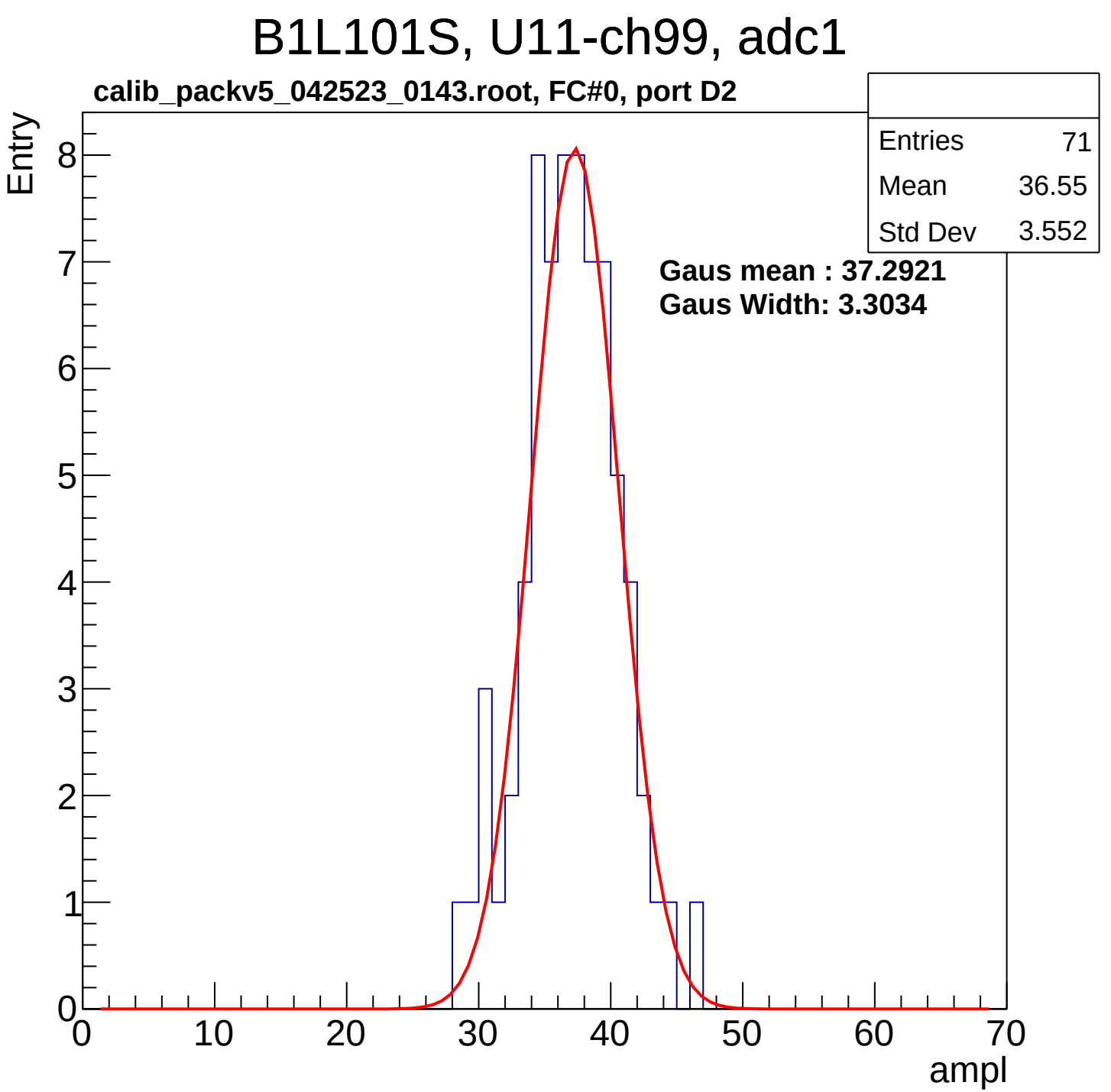
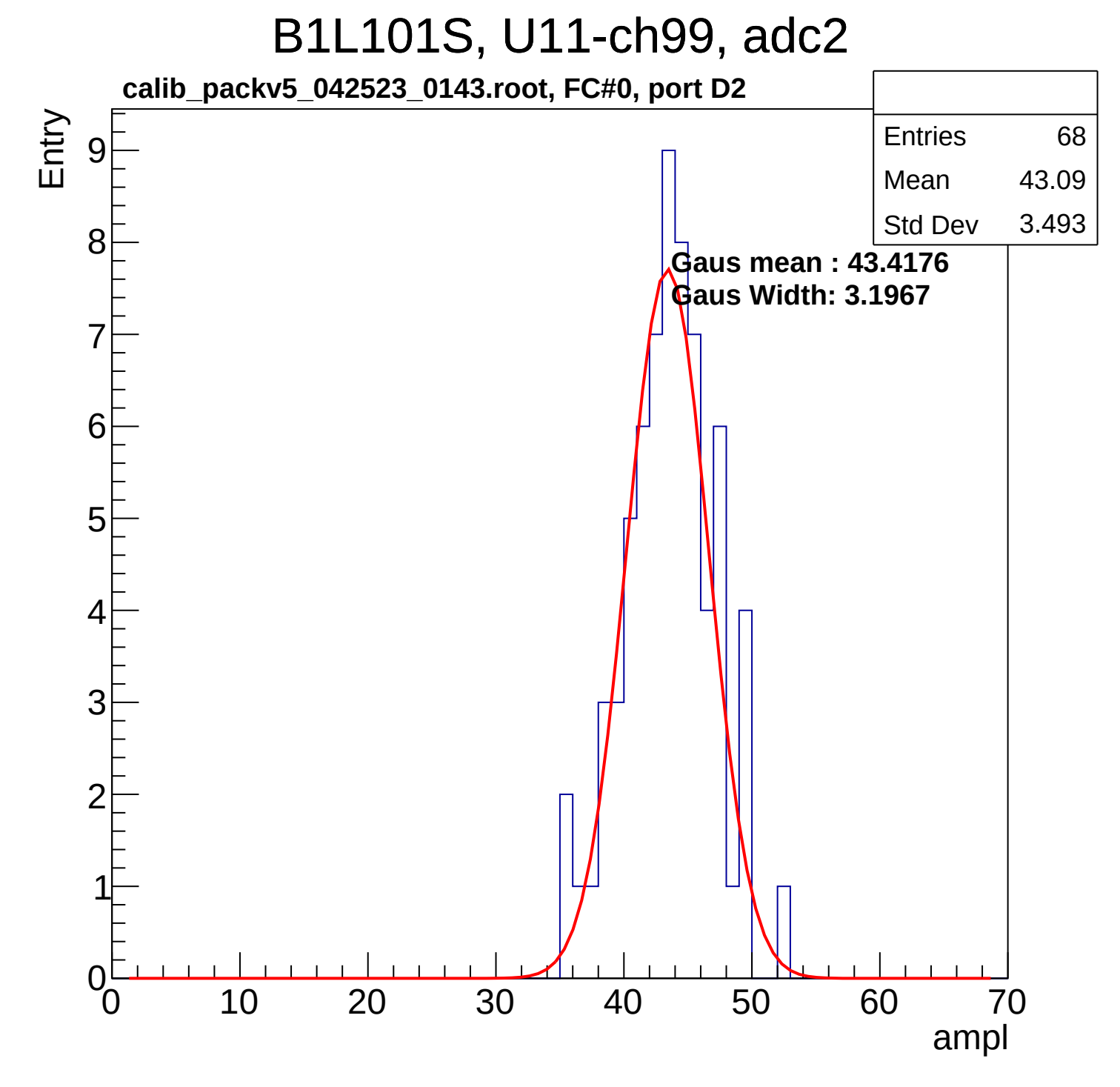
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch99, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 75
Mean 28.84
Std Dev 3.437
Gaus mean : 29.5342
Gaus Width: 3.6259
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch99, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 36.55
Std Dev 3.552
Gaus mean : 37.2921
Gaus Width: 3.3034
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch99, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 43.09
Std Dev 3.493
Gaus mean : 43.4176
Gaus Width: 3.1967
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
30
40
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60
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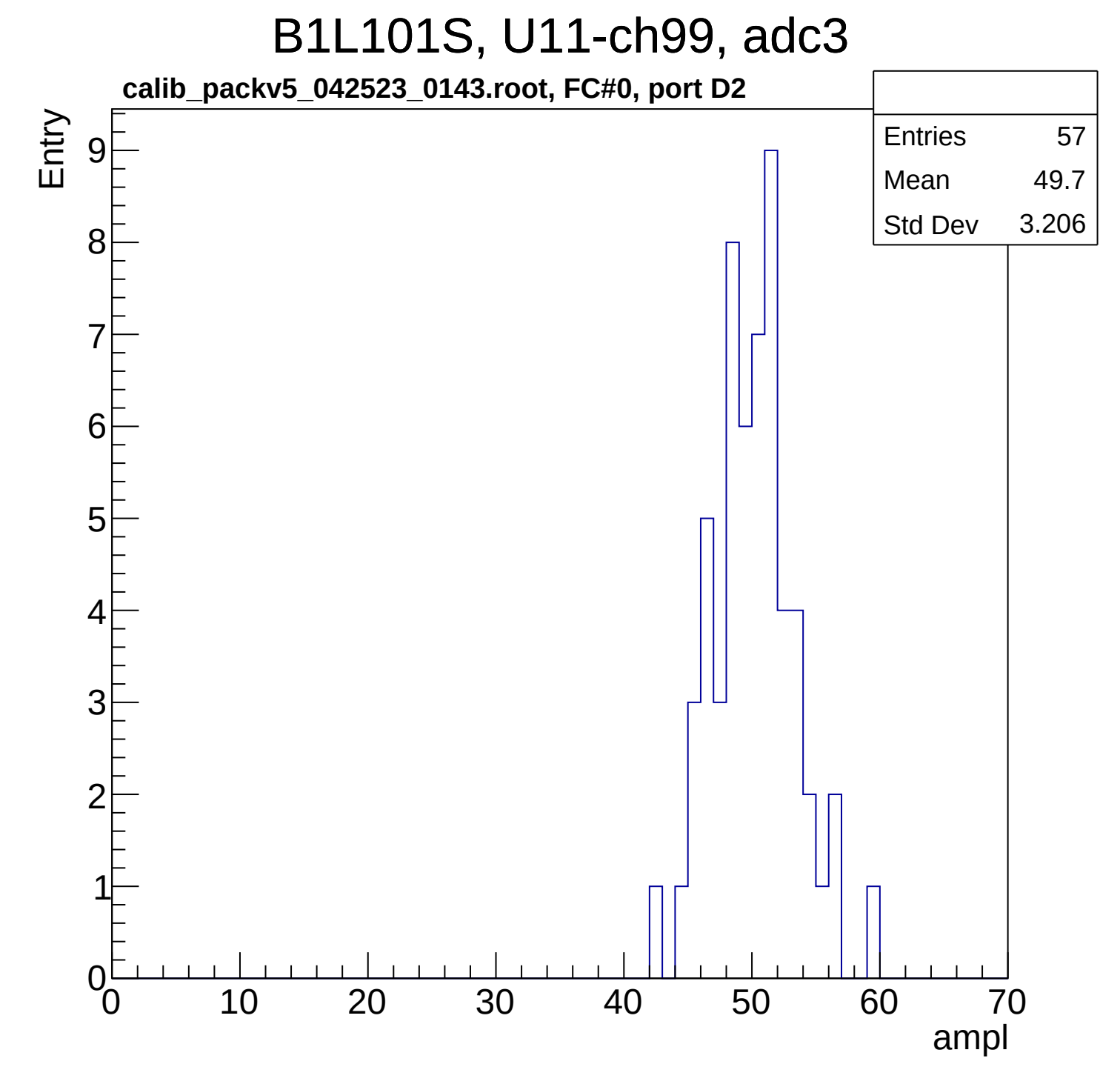
B1L101S, U11-ch99, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 49.7
Std Dev 3.206
Entry
ampl
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4
5
6
7
8
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0
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60
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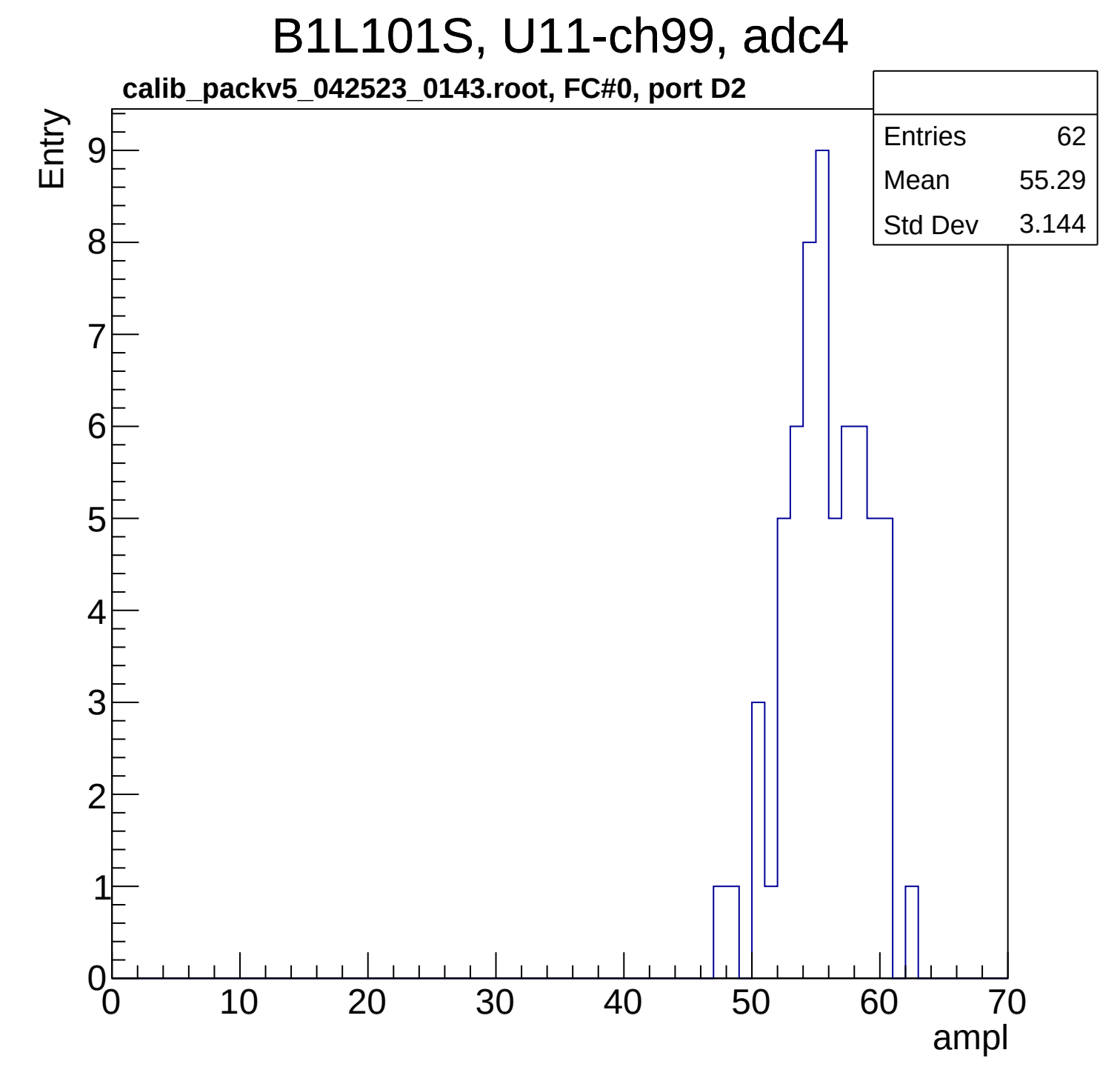
B1L101S, U11-ch99, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 55.29
Std Dev 3.144
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
10
20
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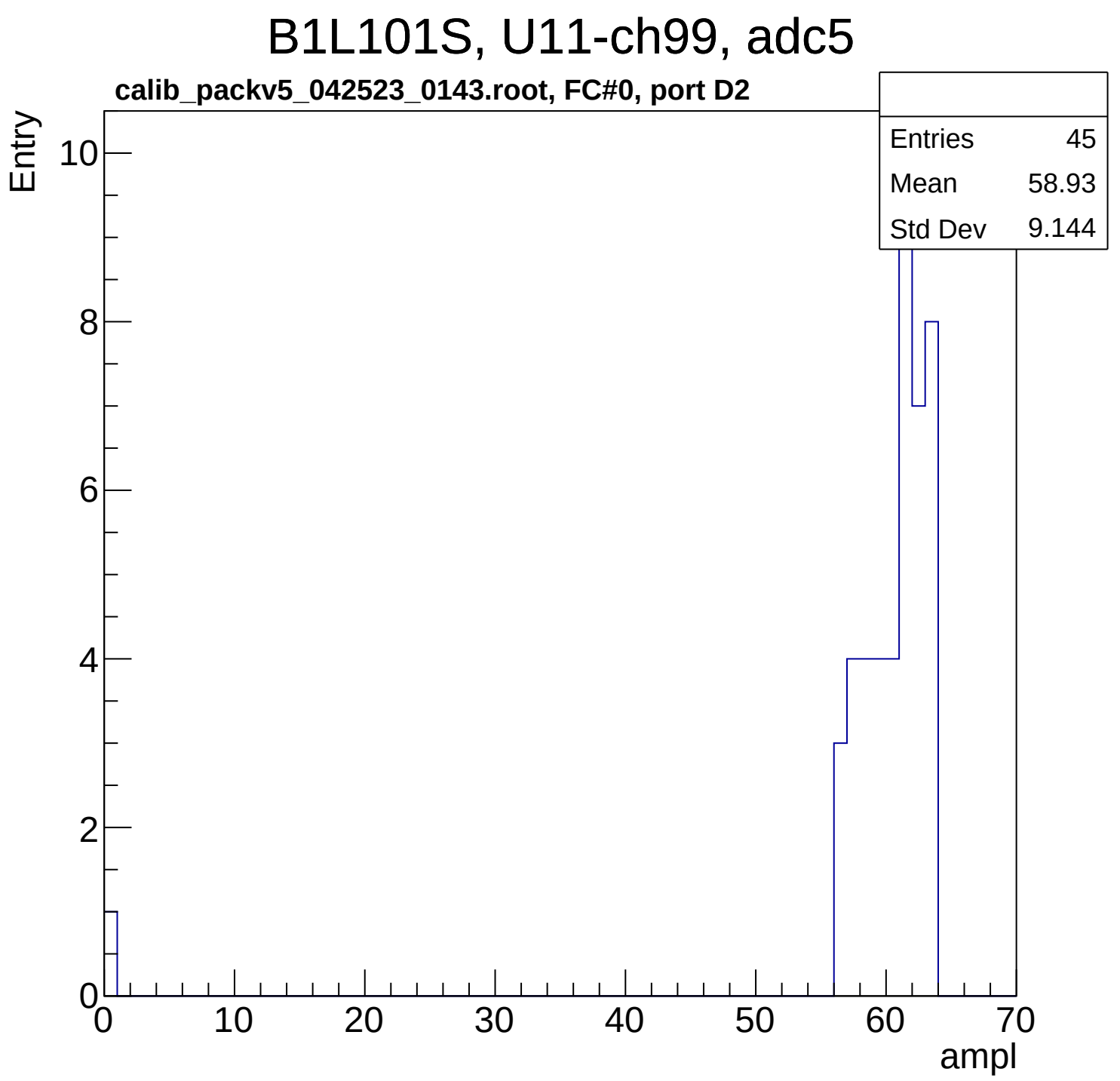
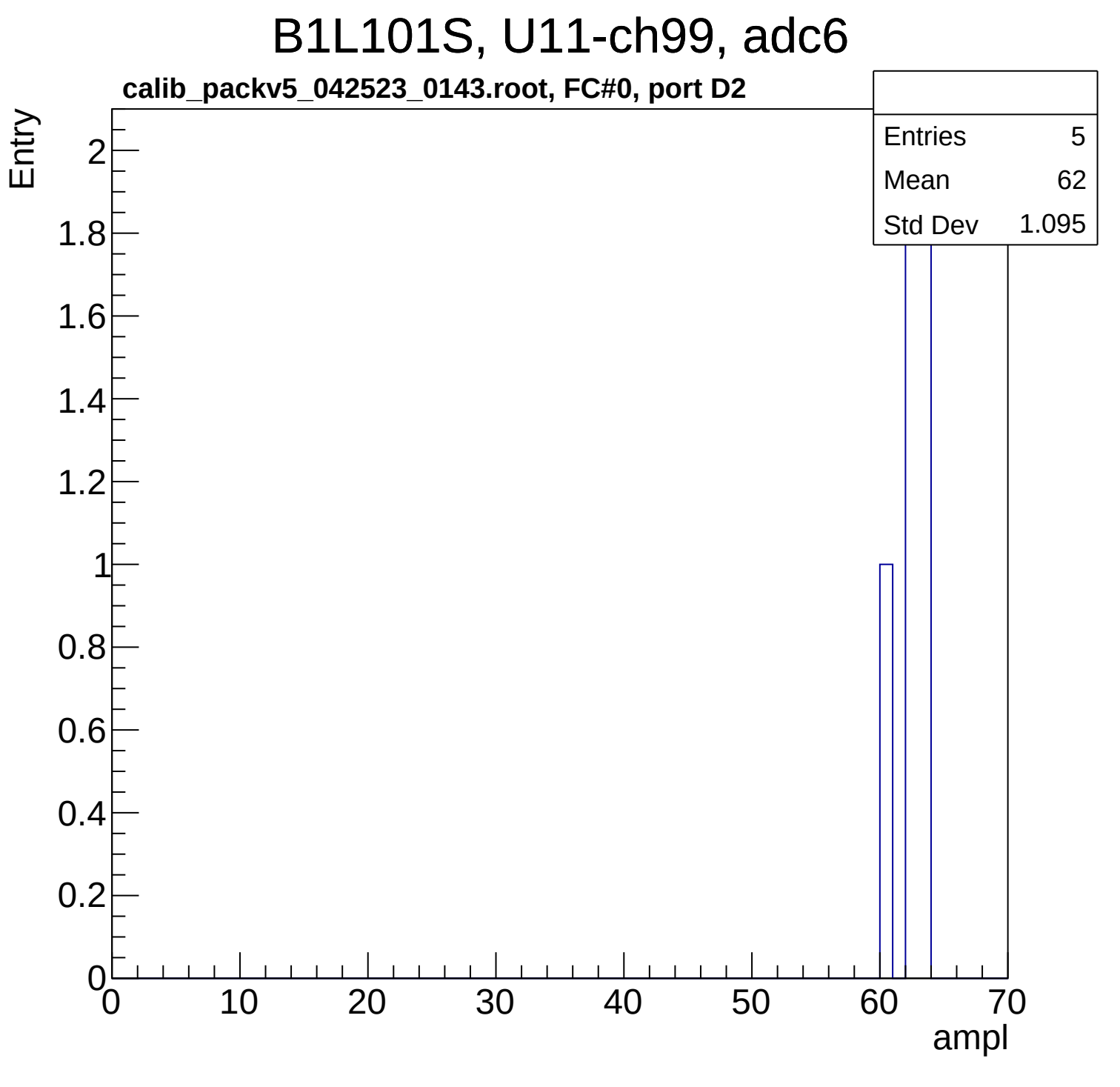
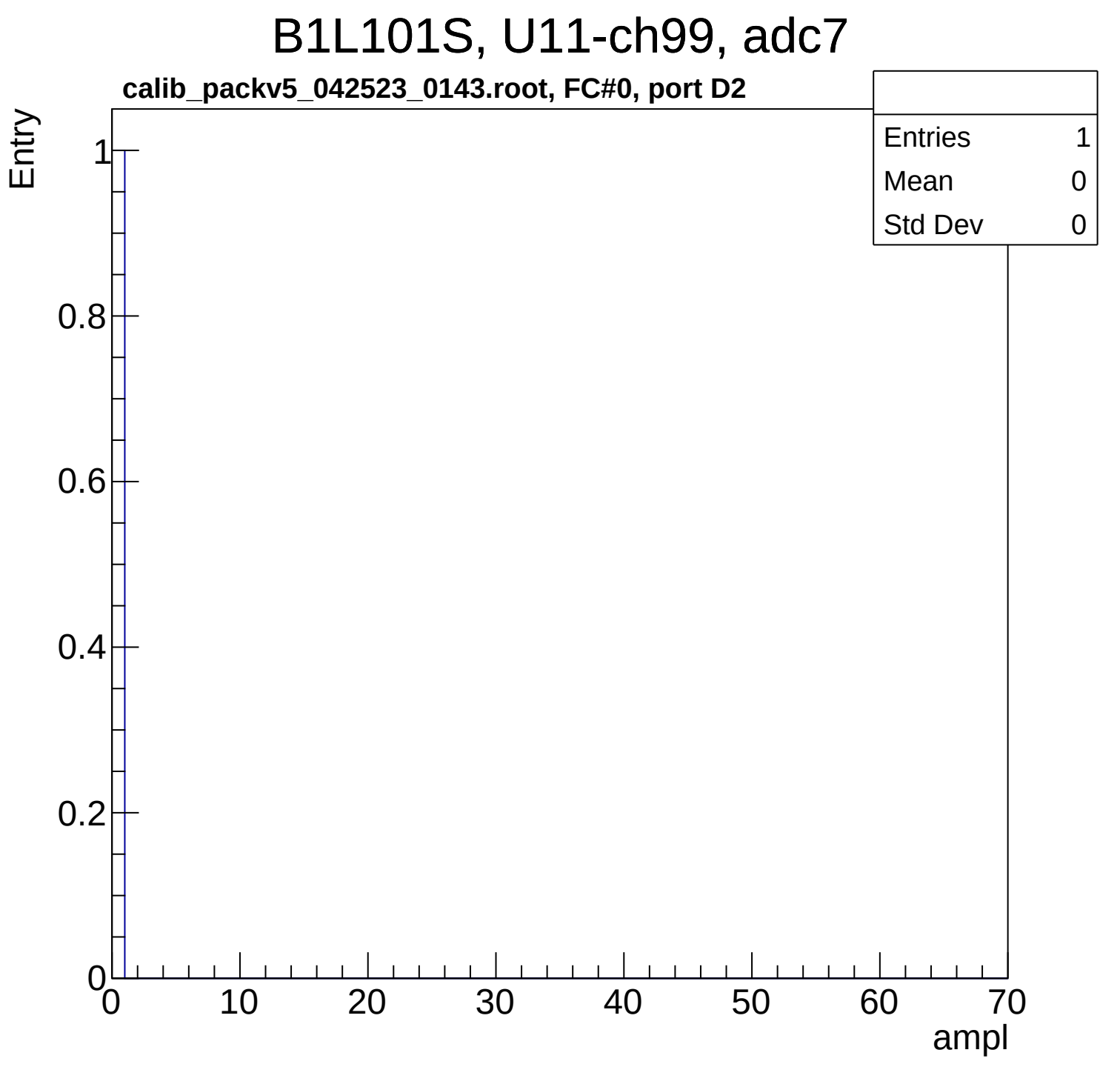
40
50
60
70


B1L101S, U11-ch99, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 45
Mean 58.93
Std Dev 9.144
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch99, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 5
Mean 62
Std Dev 1.095
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


B1L101S, U11-ch99, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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
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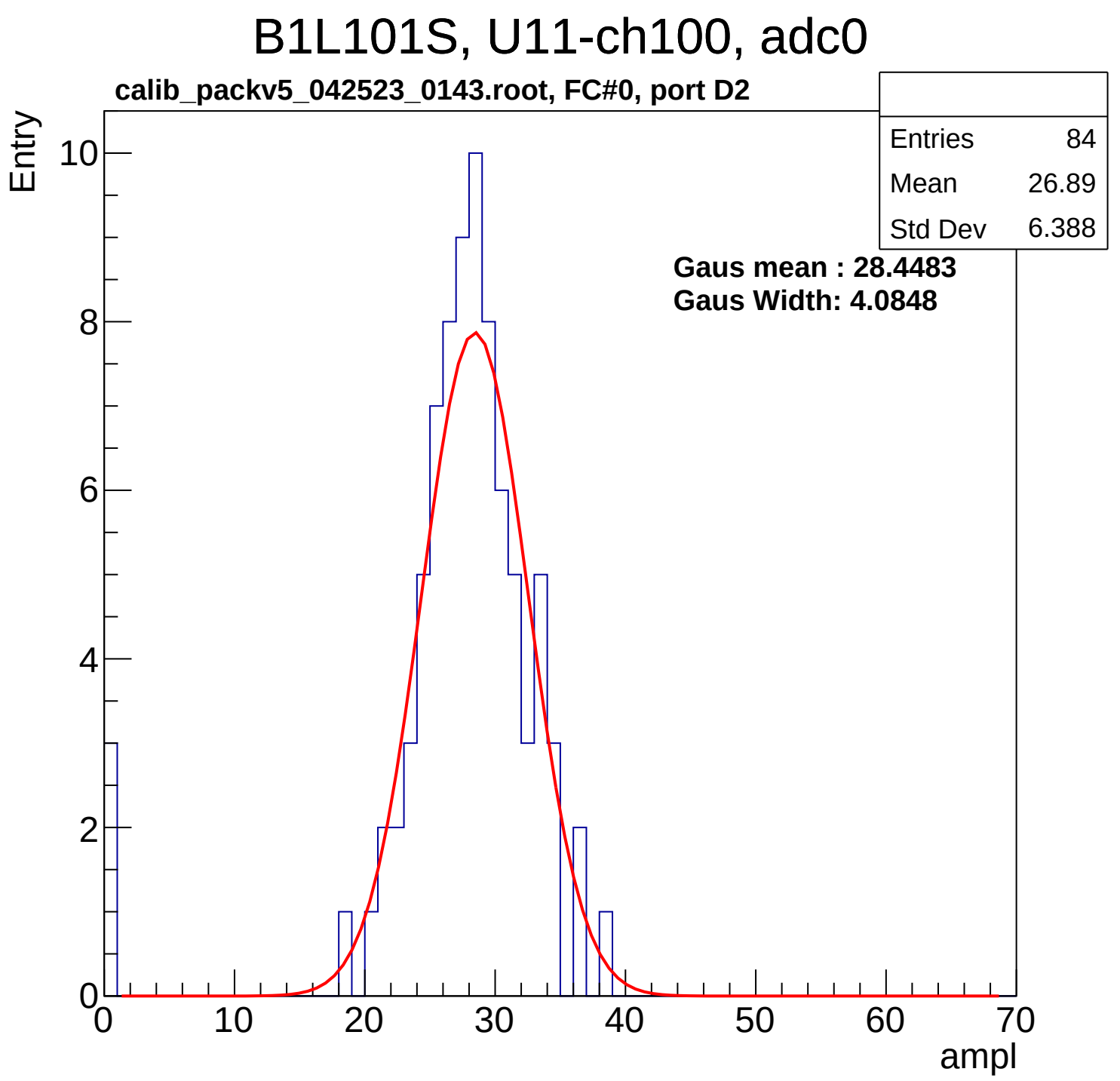
50
60
70
ampl


B1L101S, U11-ch100, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 84
Mean 26.89
Std Dev 6.388
Gaus mean : 28.4483
Gaus Width: 4.0848
Entry
ampl
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6
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10
0
10
20
30
40
50
60
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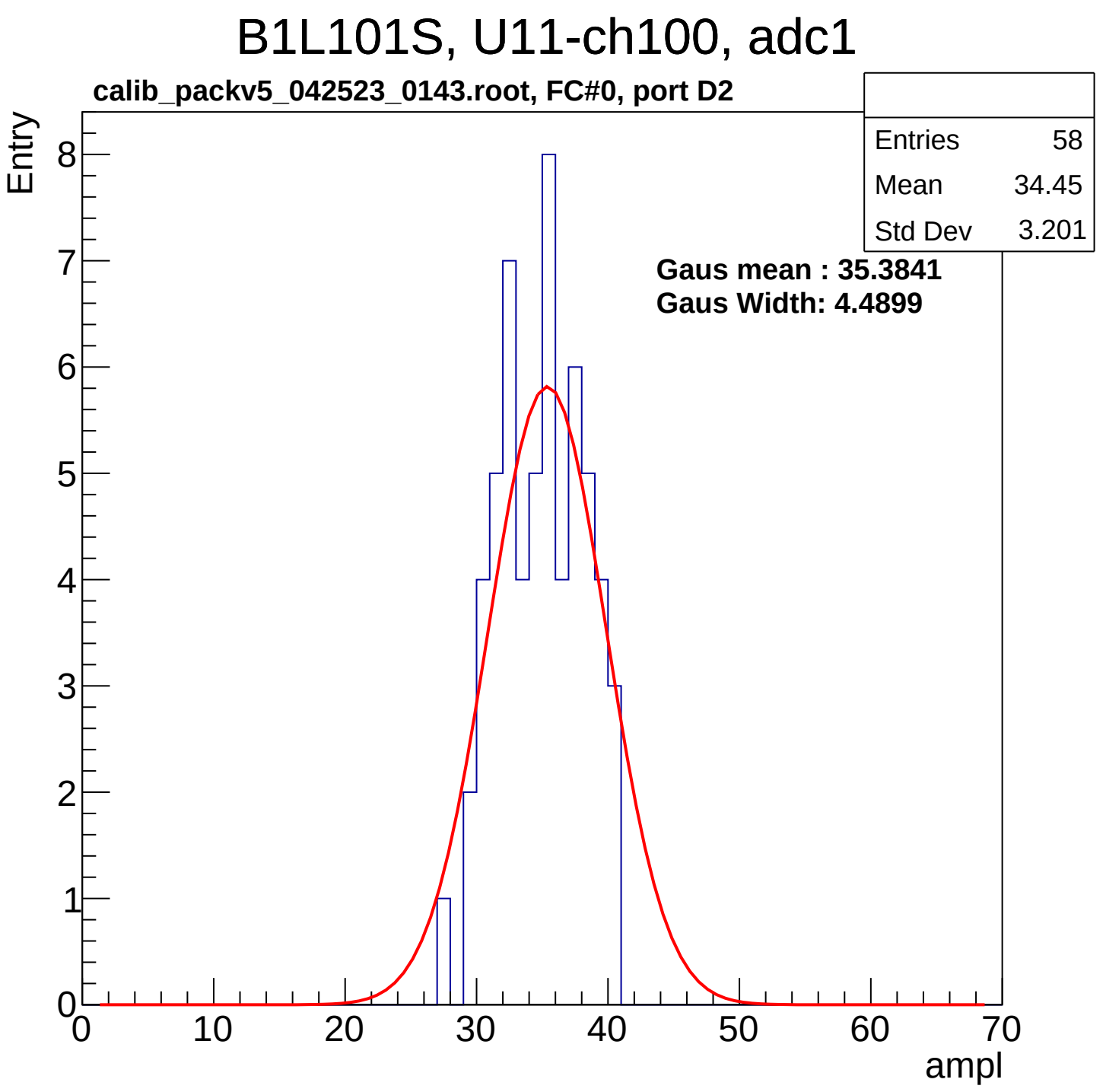
B1L101S, U11-ch100, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 34.45
Std Dev 3.201
Gaus mean : 35.3841
Gaus Width: 4.4899
Entry
ampl
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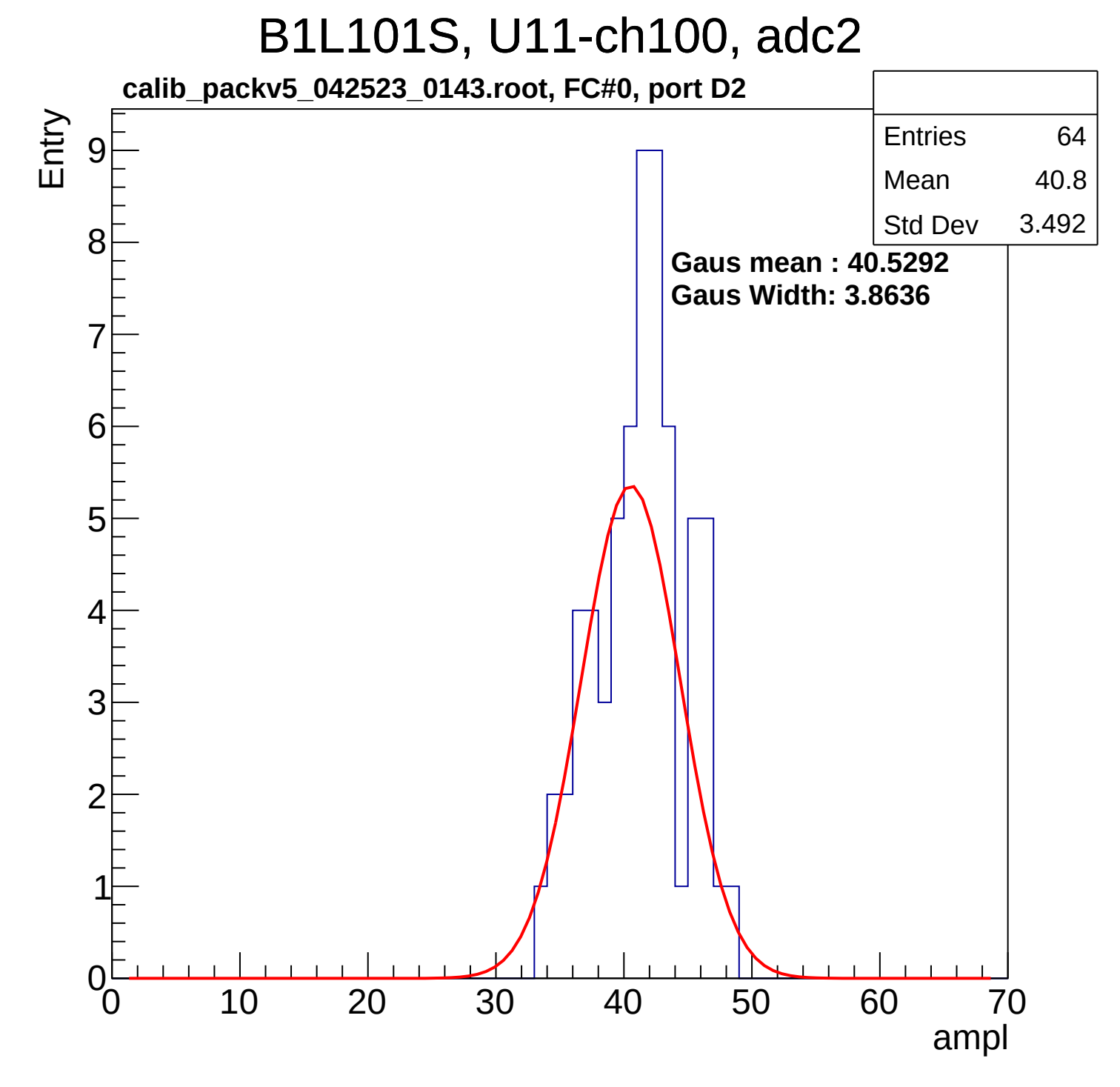
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch100, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 40.8
Std Dev 3.492
Gaus mean : 40.5292
Gaus Width: 3.8636
Entry
ampl
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1
2
3
4
5
6
7
8
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0
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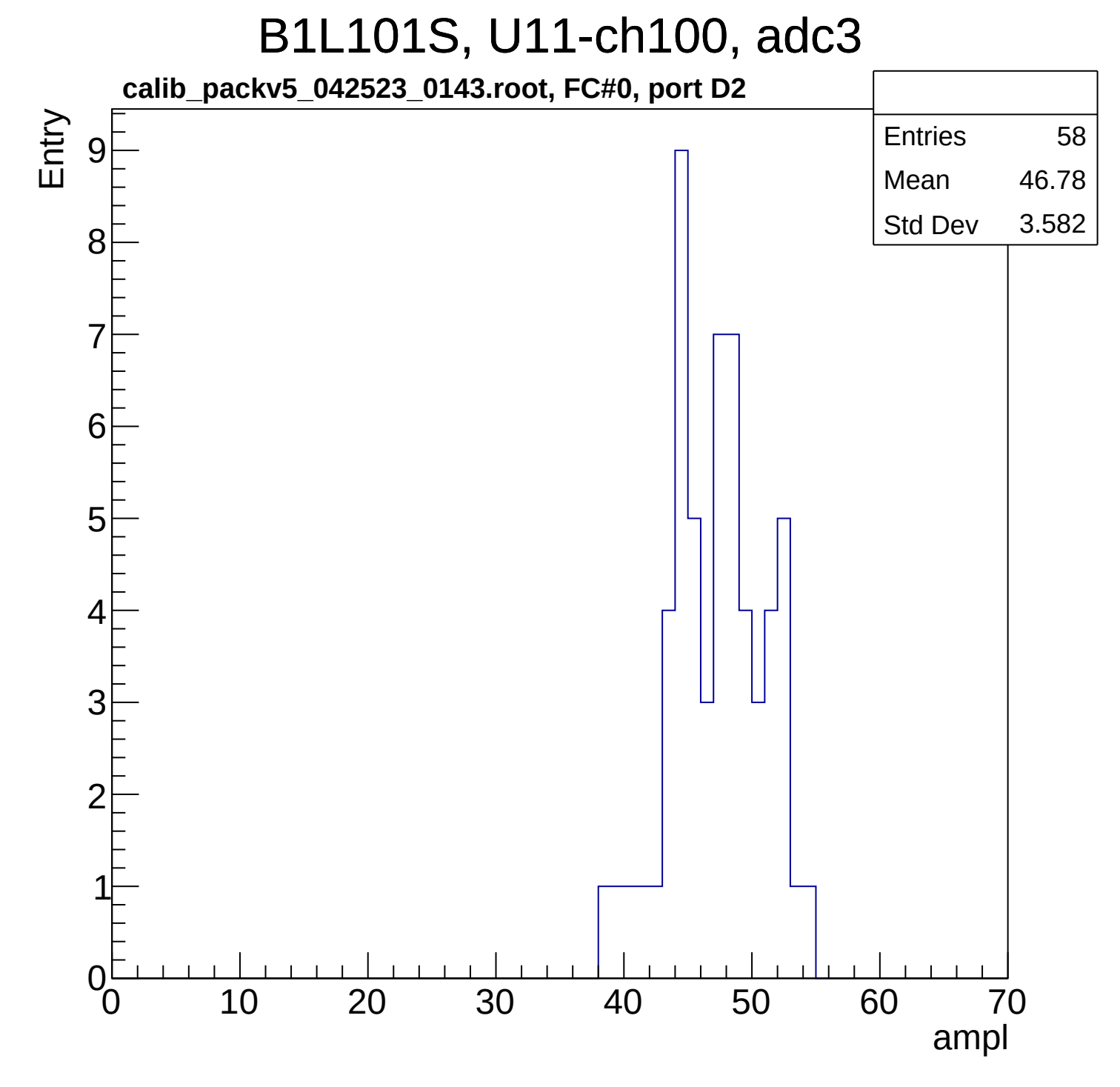
B1L101S, U11-ch100, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 46.78
Std Dev 3.582
Entry
ampl
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3
4
5
6
7
8
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0
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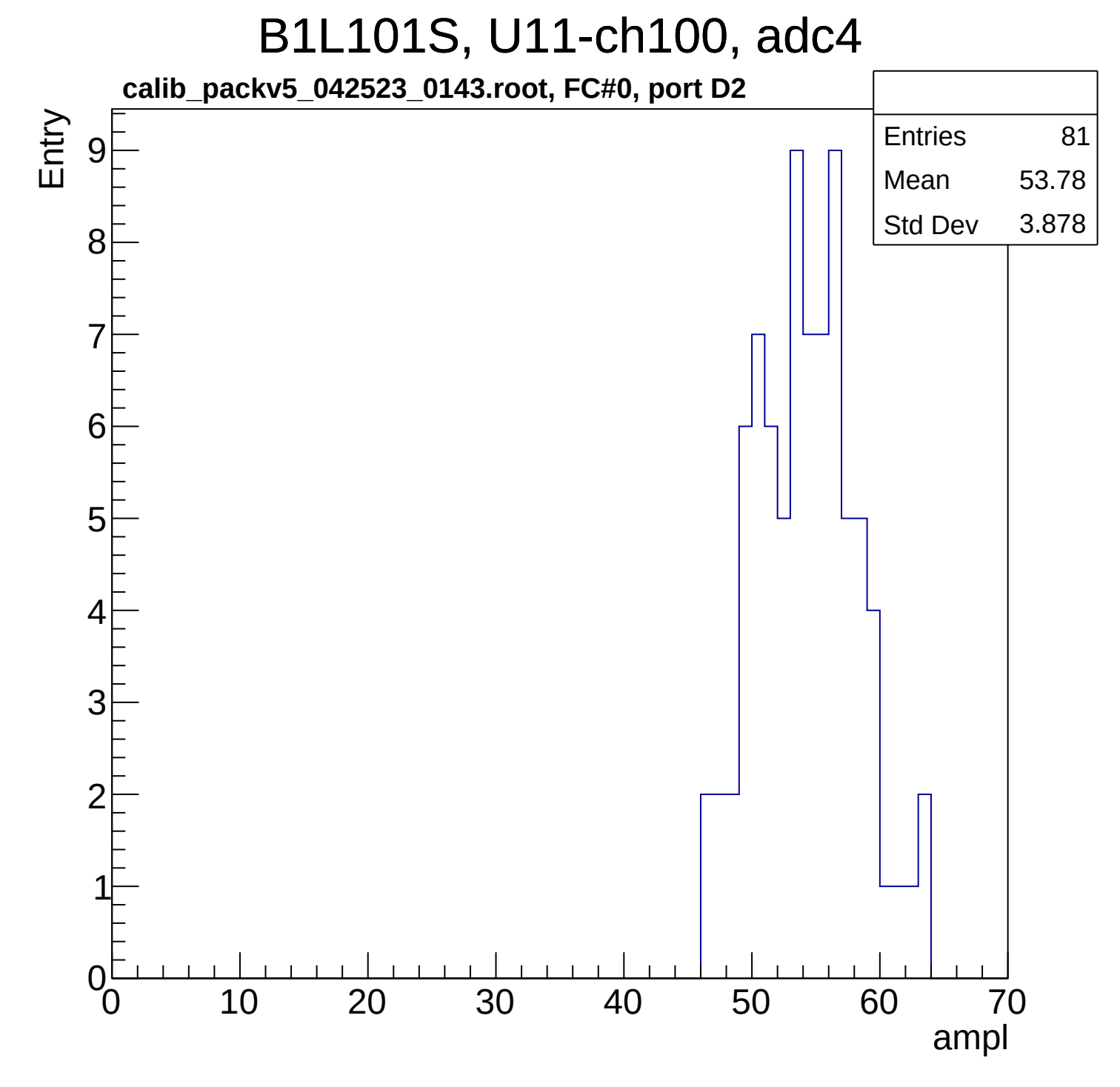
B1L101S, U11-ch100, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 81
Mean 53.78
Std Dev 3.878
Entry
ampl
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1
2
3
4
5
6
7
8
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0
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60
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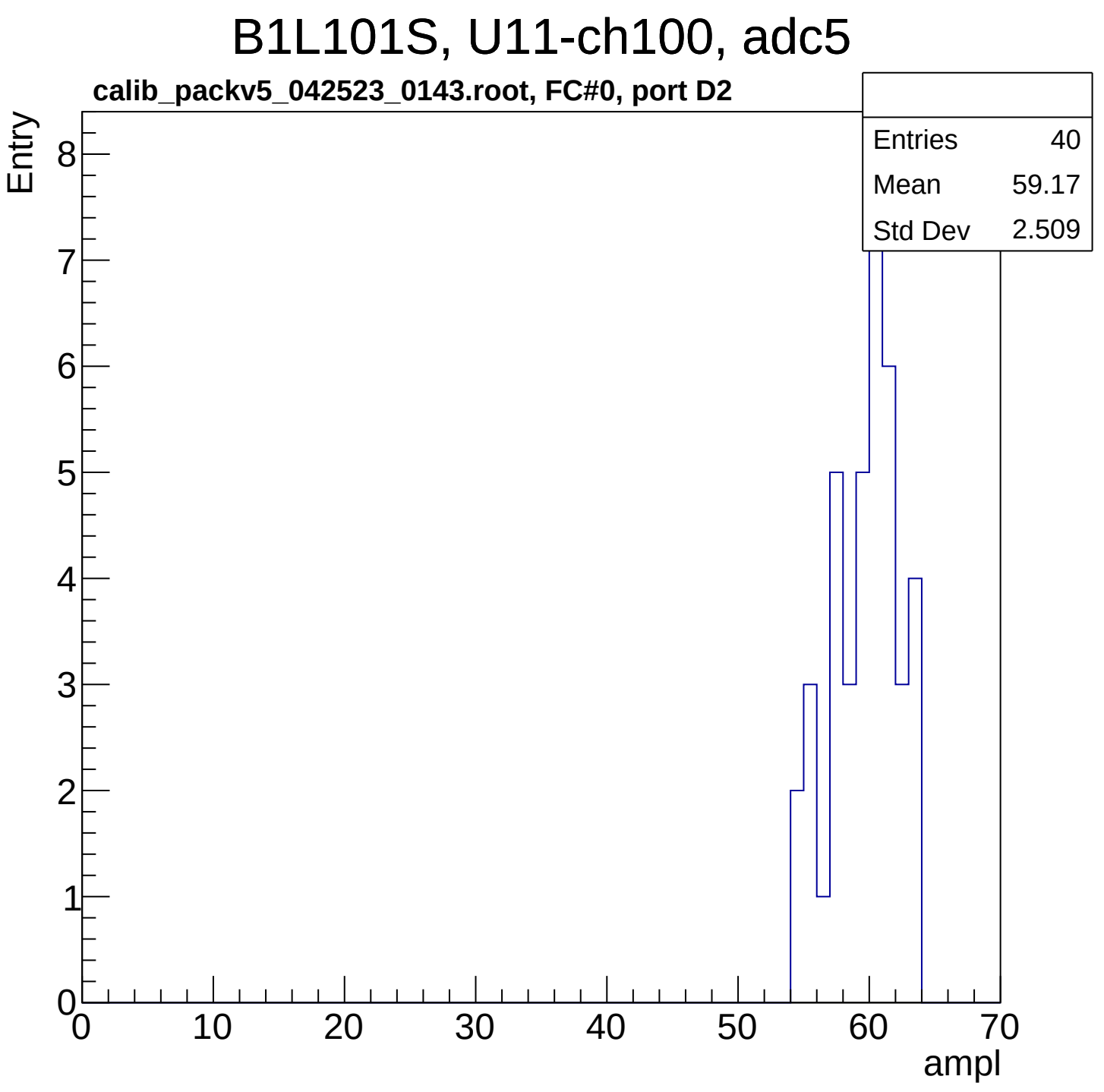
B1L101S, U11-ch100, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 40
Mean 59.17
Std Dev 2.509
Entry
ampl
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1
2
3
4
5
6
7
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0
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60
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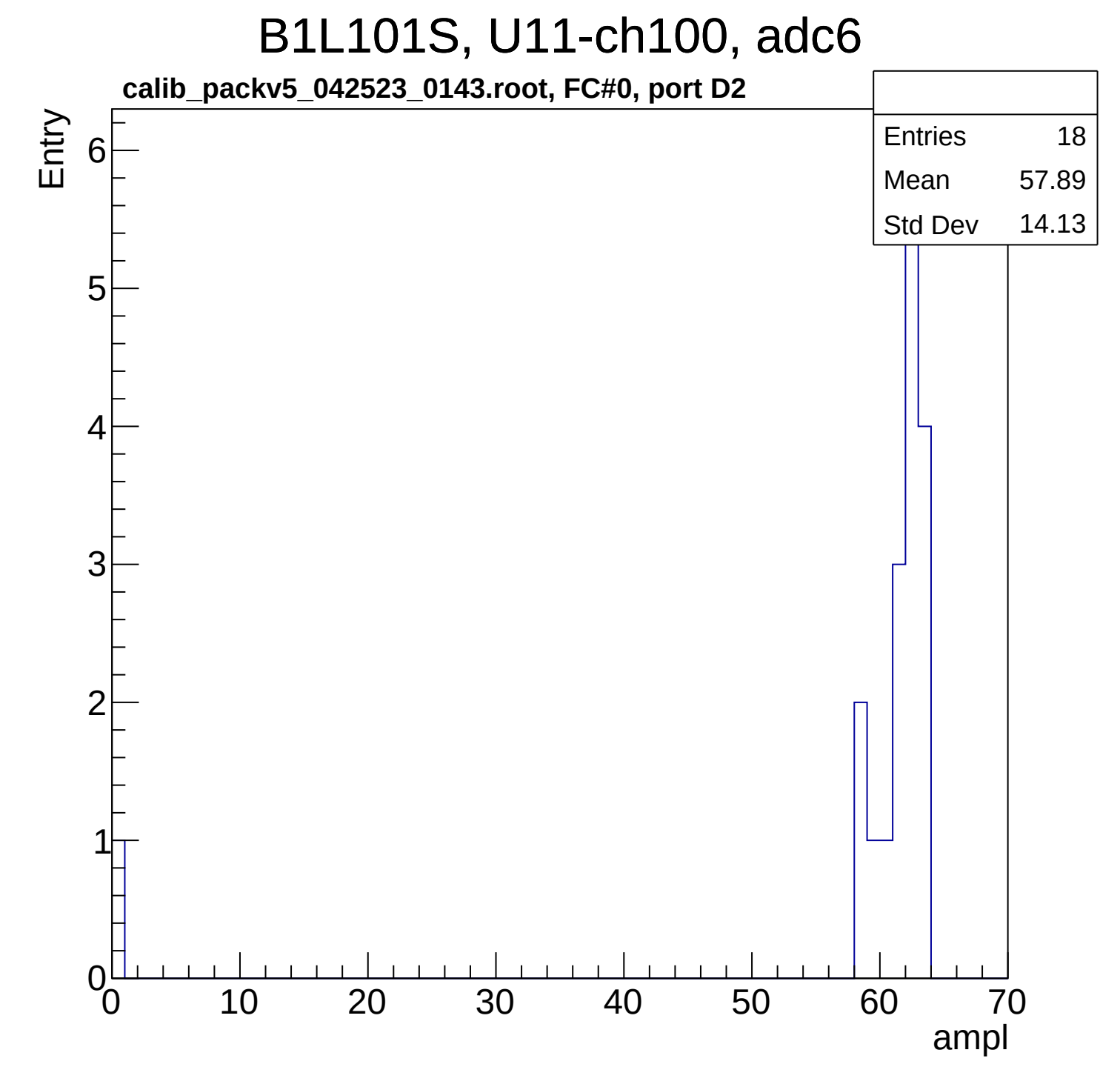
B1L101S, U11-ch100, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 18
Mean 57.89
Std Dev 14.13
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
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60
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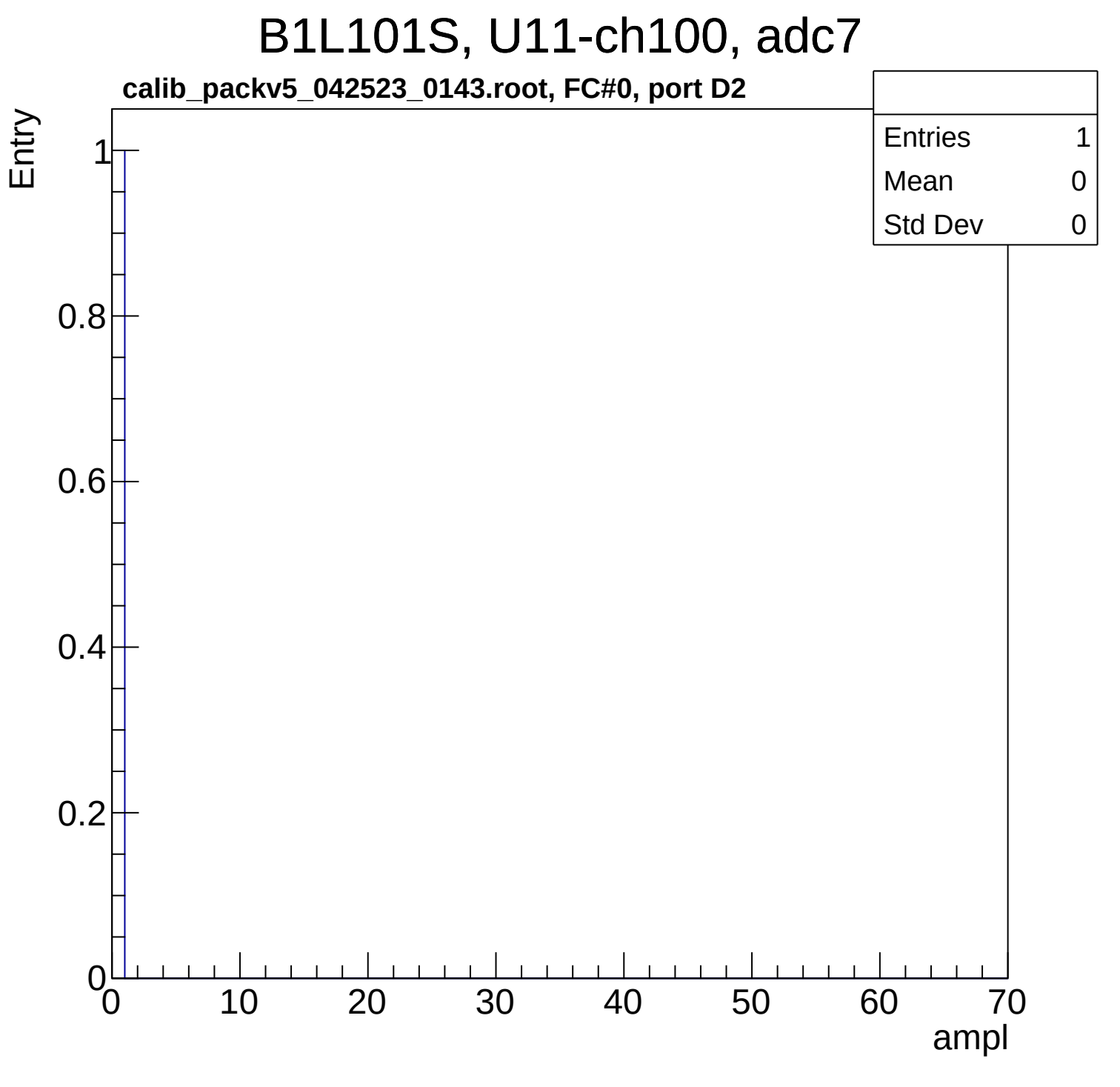
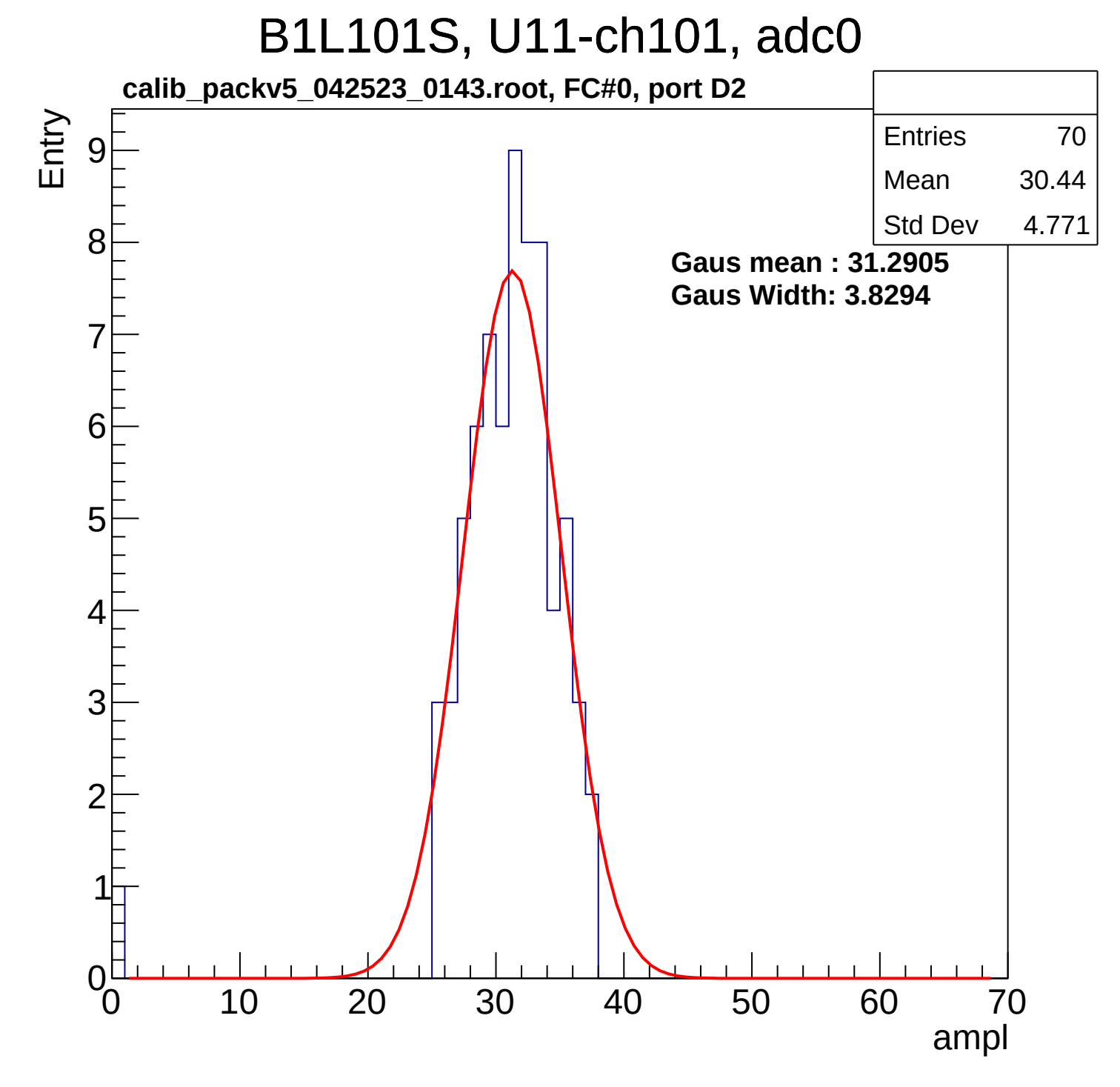
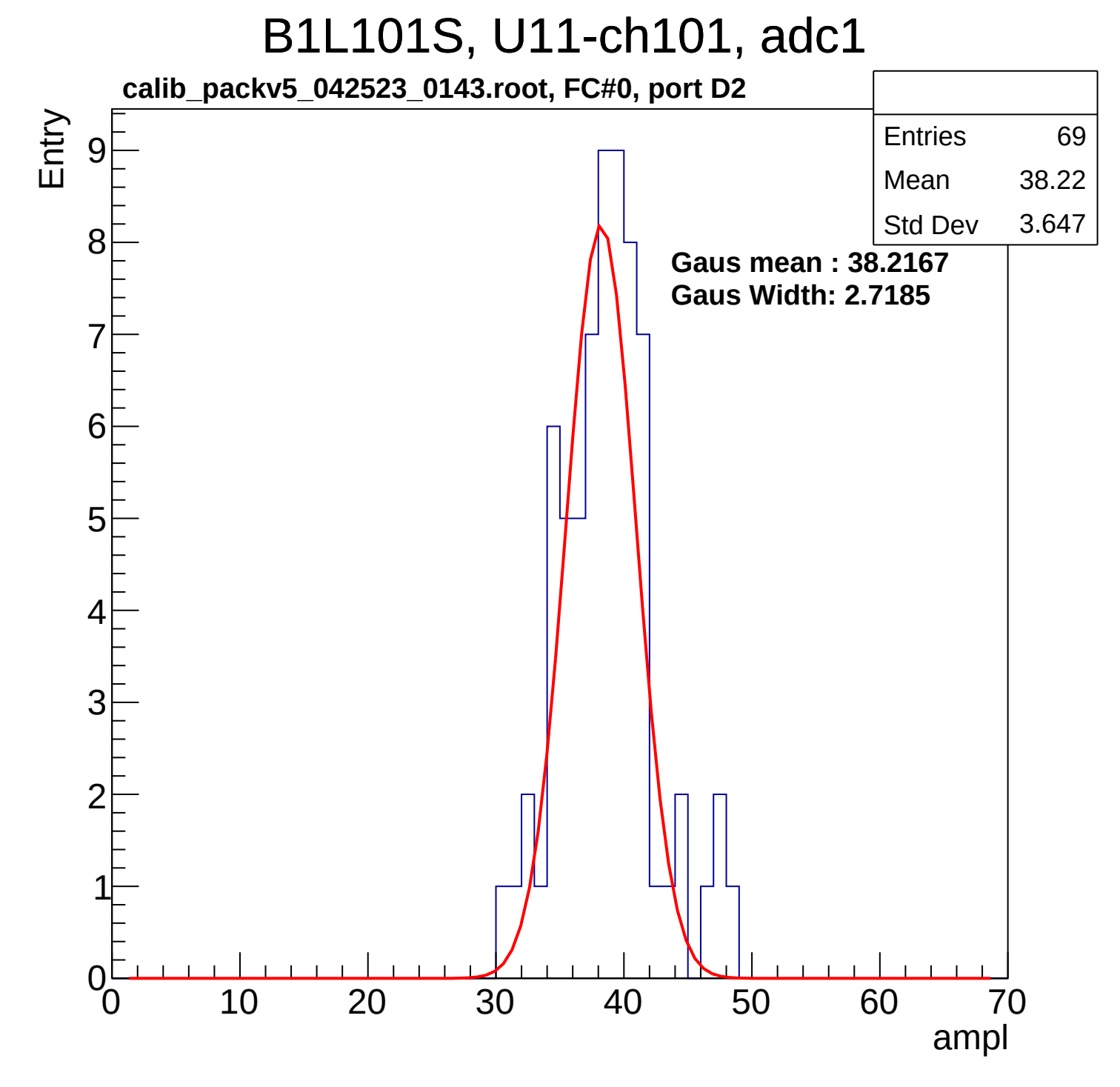

B1L101S, U11-ch100, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch101, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 30.44
Std Dev 4.771
Gaus mean : 31.2905
Gaus Width: 3.8294
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch101, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 38.22
Std Dev 3.647
Gaus mean : 38.2167
Gaus Width: 2.7185
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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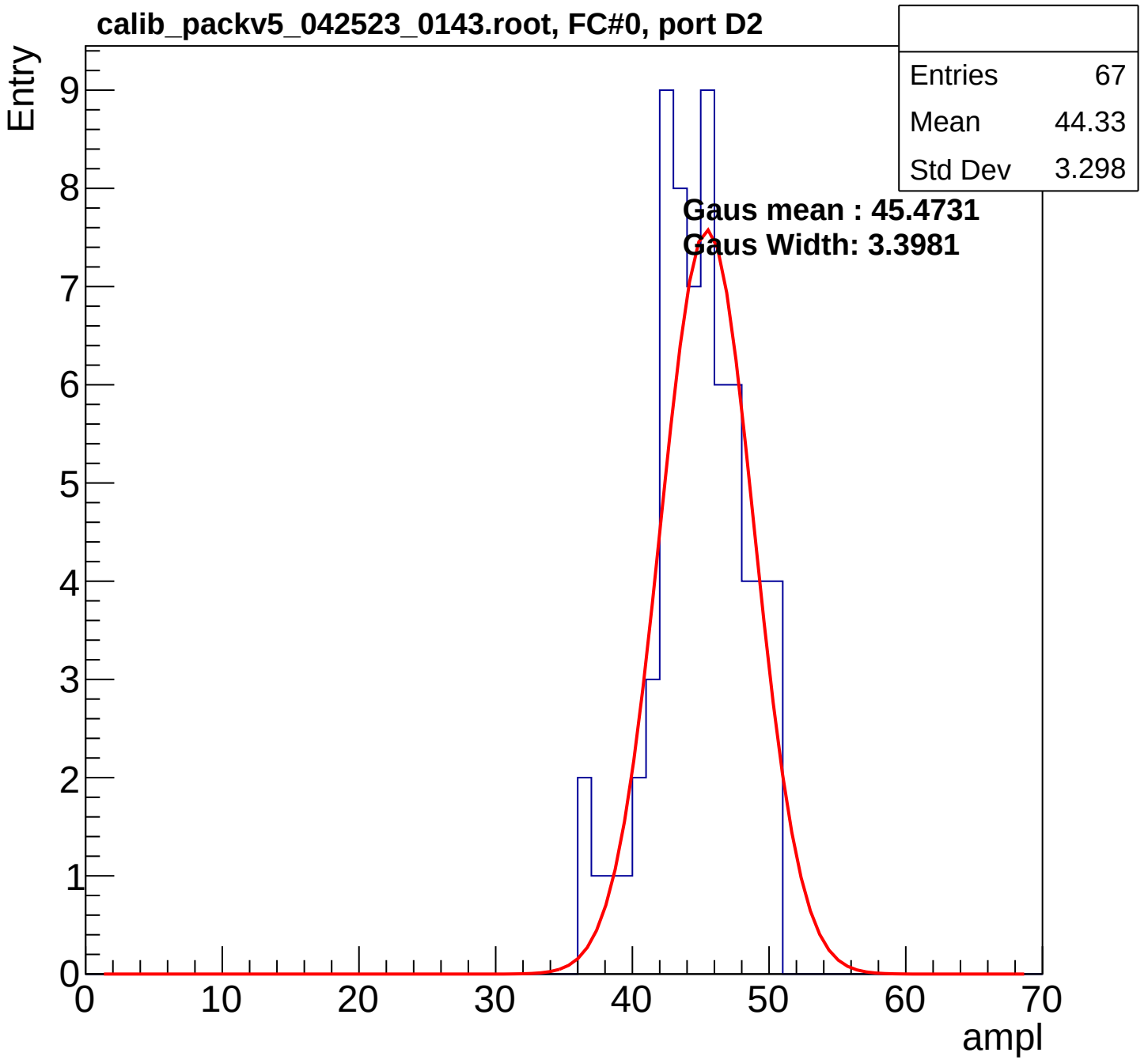
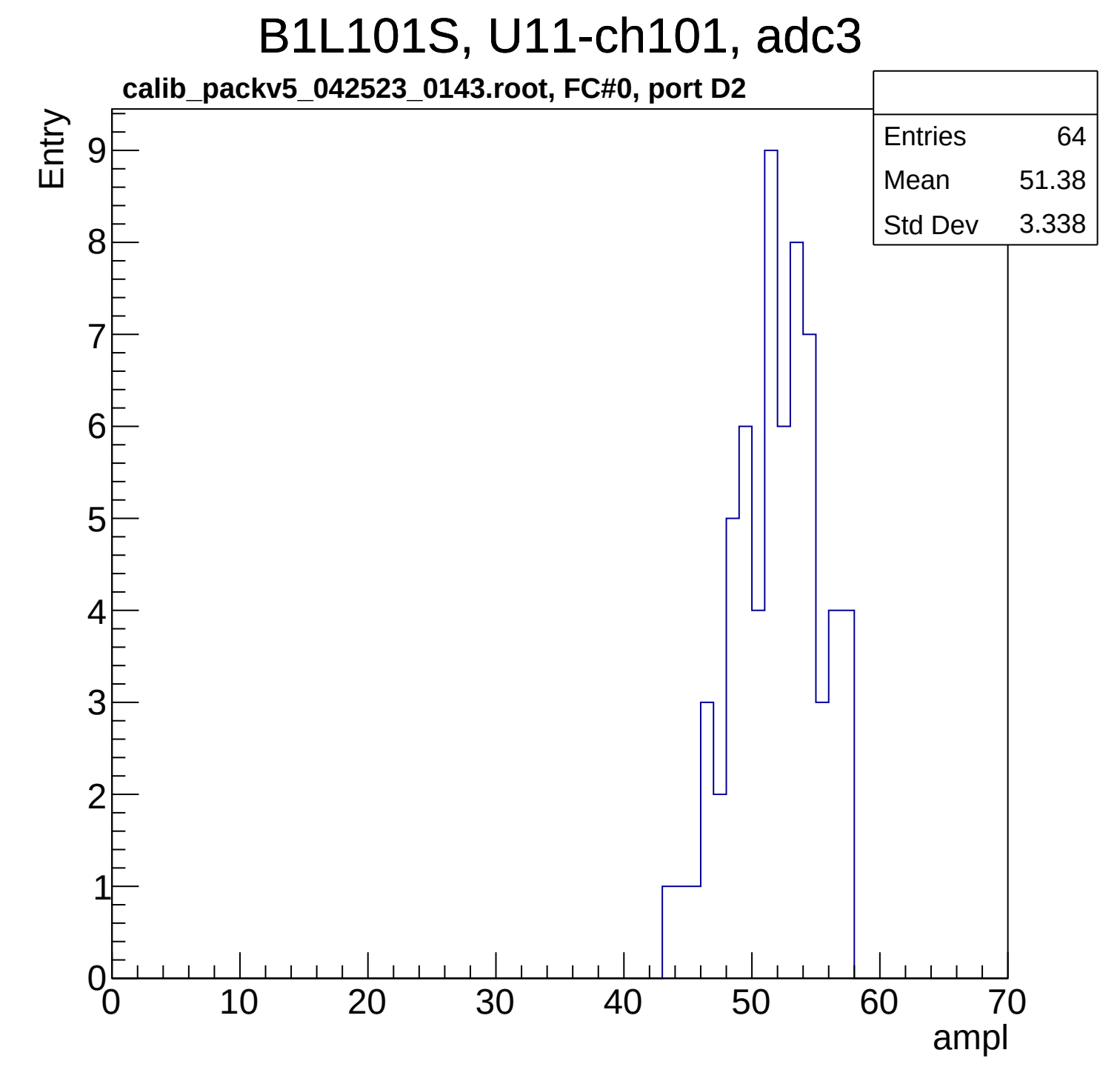

B1L101S, U11-ch101, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 44.33
Std Dev 3.298
Gaus mean : 45.4731
Gaus Width: 3.3981
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch101, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 51.38
Std Dev 3.338
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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40
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60
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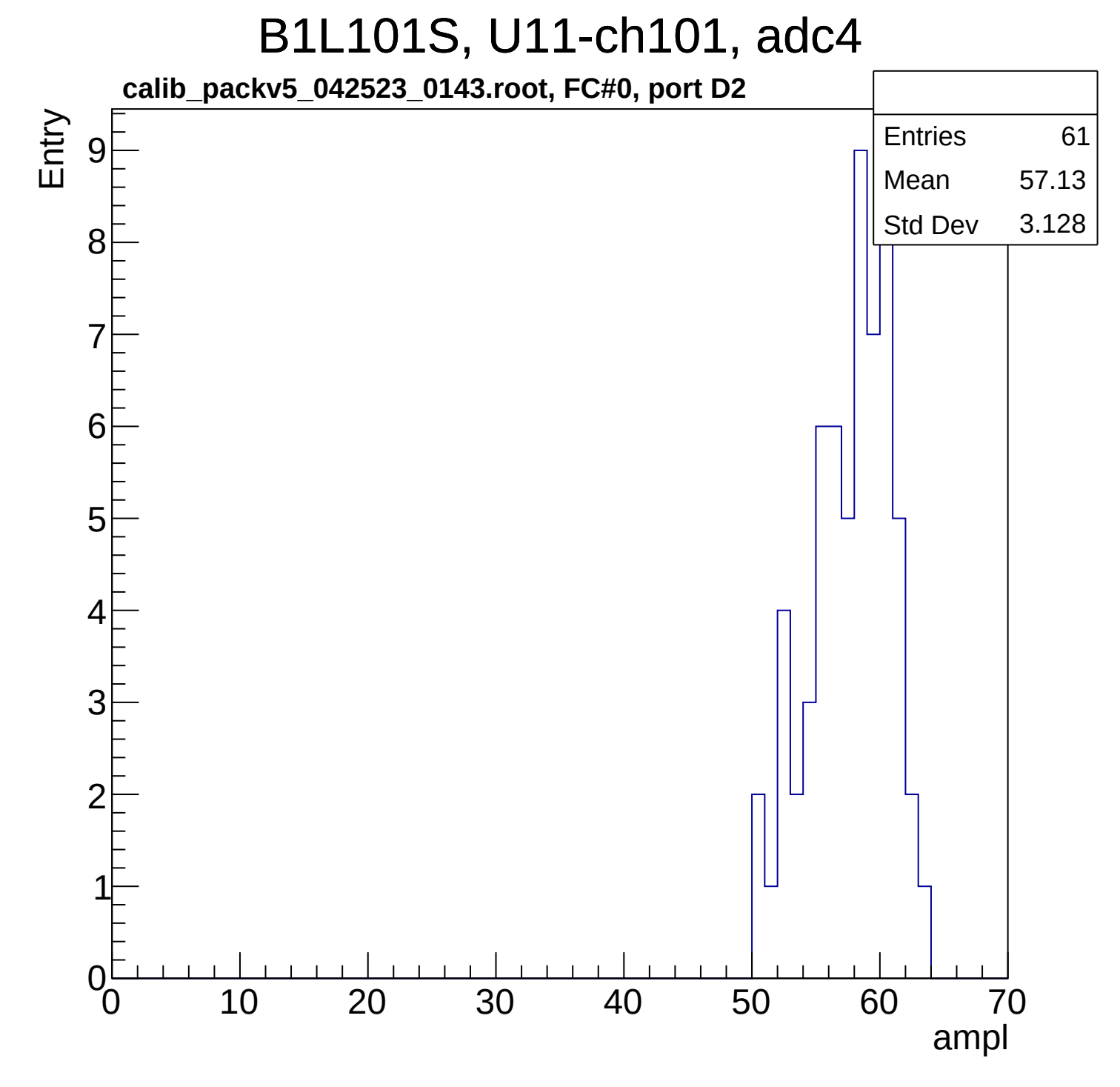
B1L101S, U11-ch101, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 57.13
Std Dev 3.128
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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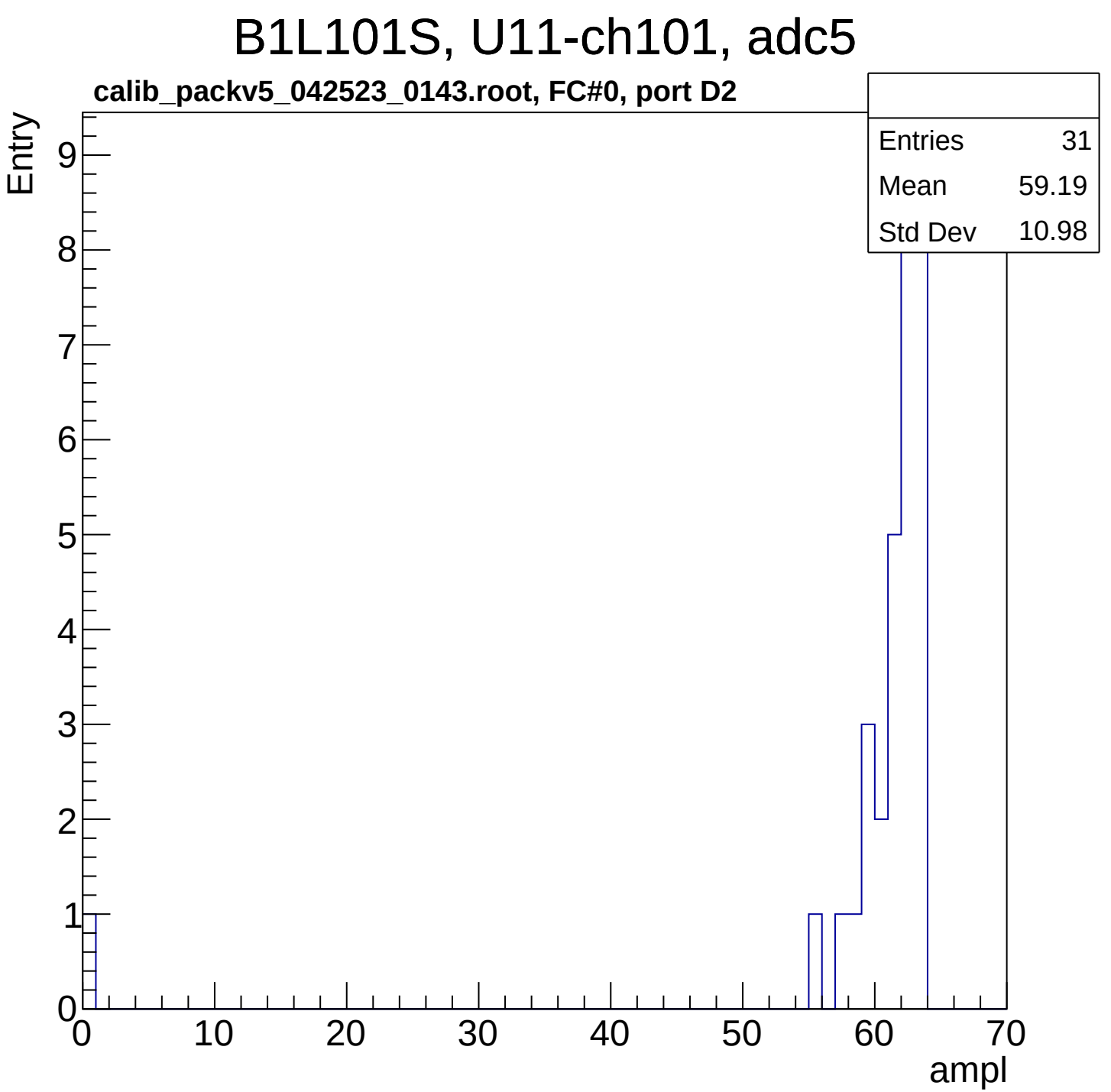
B1L101S, U11-ch101, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 31
Mean 59.19
Std Dev 10.98
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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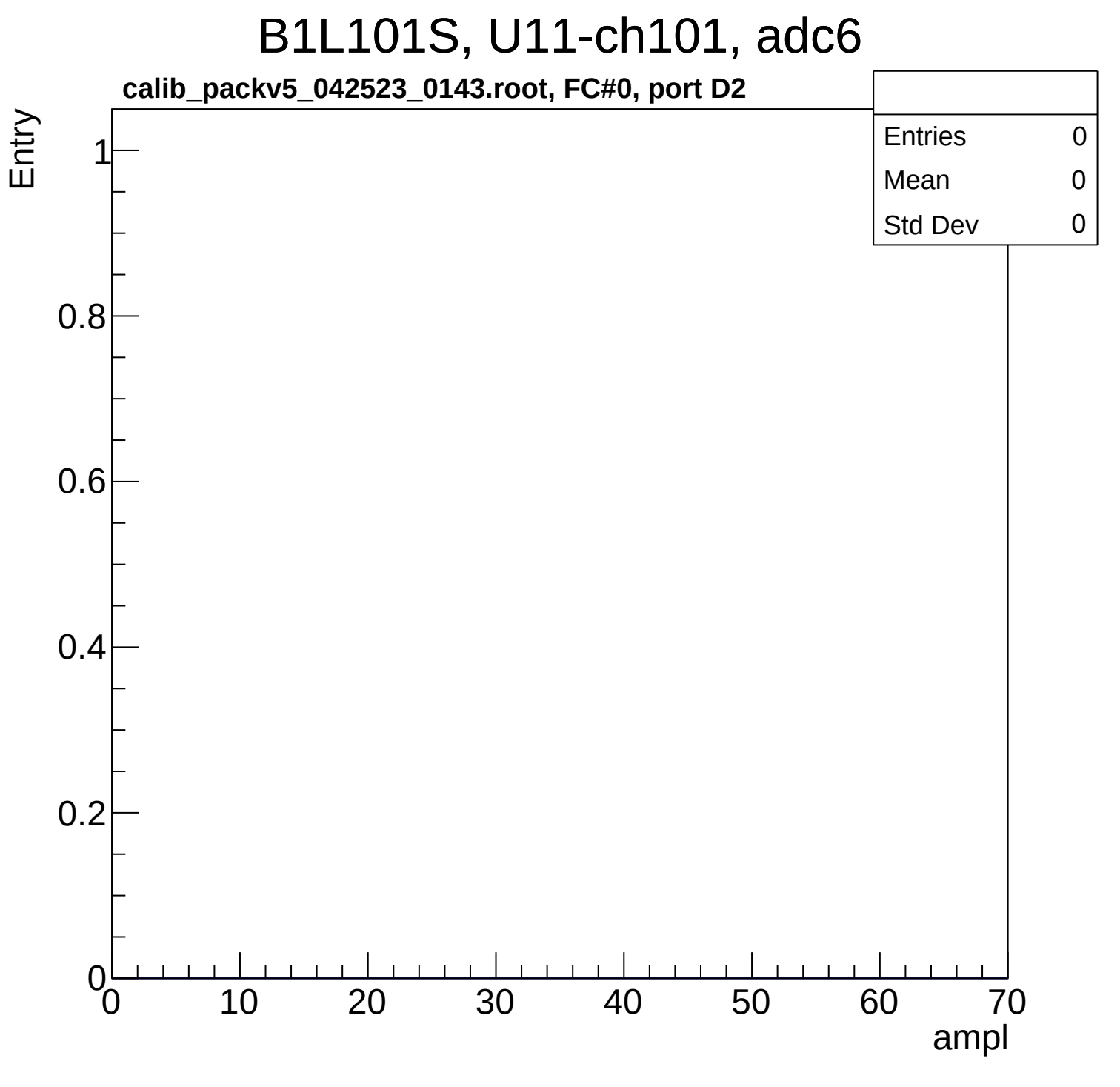
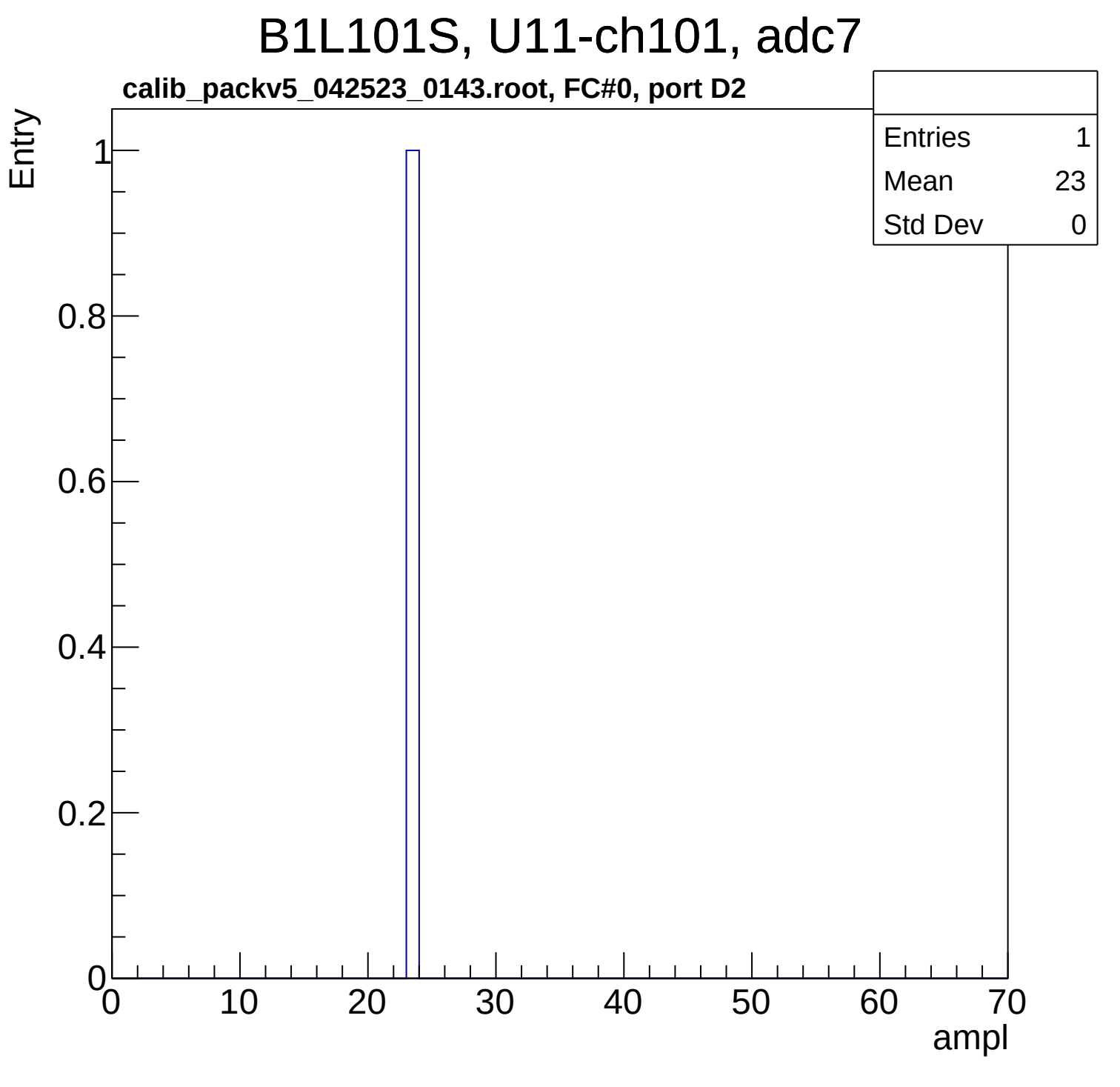

B1L101S, U11-ch101, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch101, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 23
Std Dev 0
Entry
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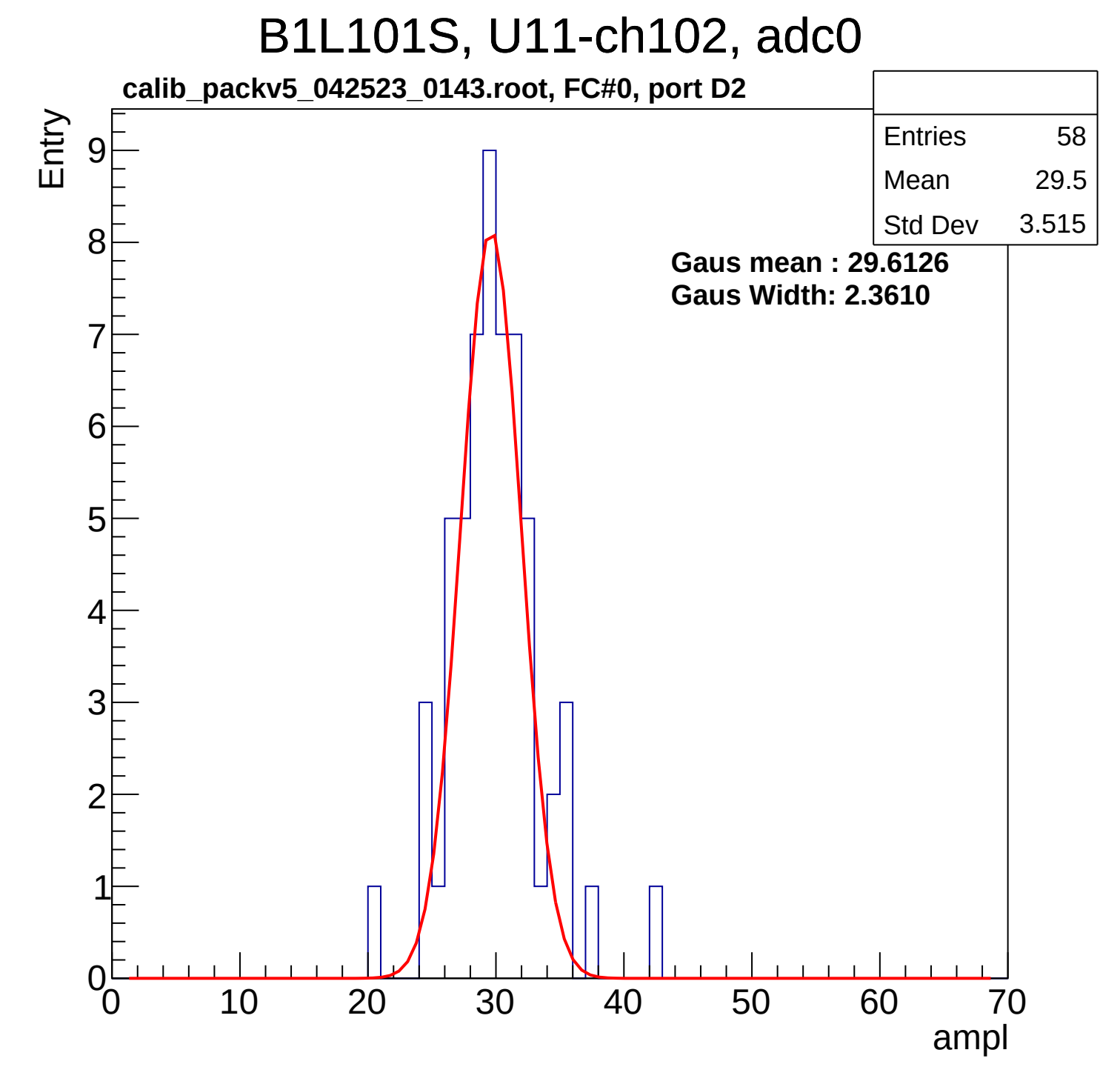
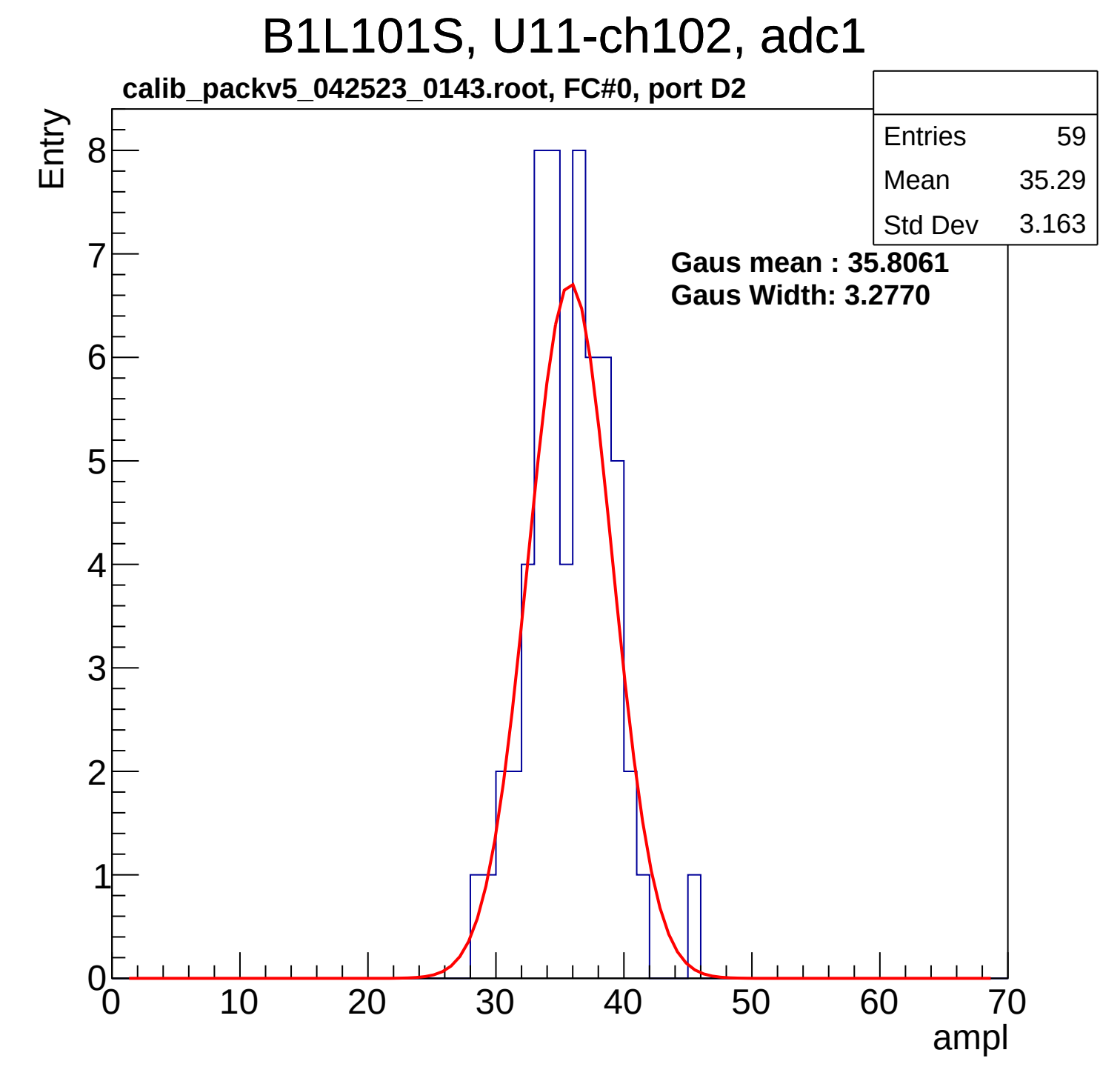
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch102, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 29.5
Std Dev 3.515
Gaus mean : 29.6126
Gaus Width: 2.3610
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch102, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 35.29
Std Dev 3.163
Gaus mean : 35.8061
Gaus Width: 3.2770
Entry
ampl
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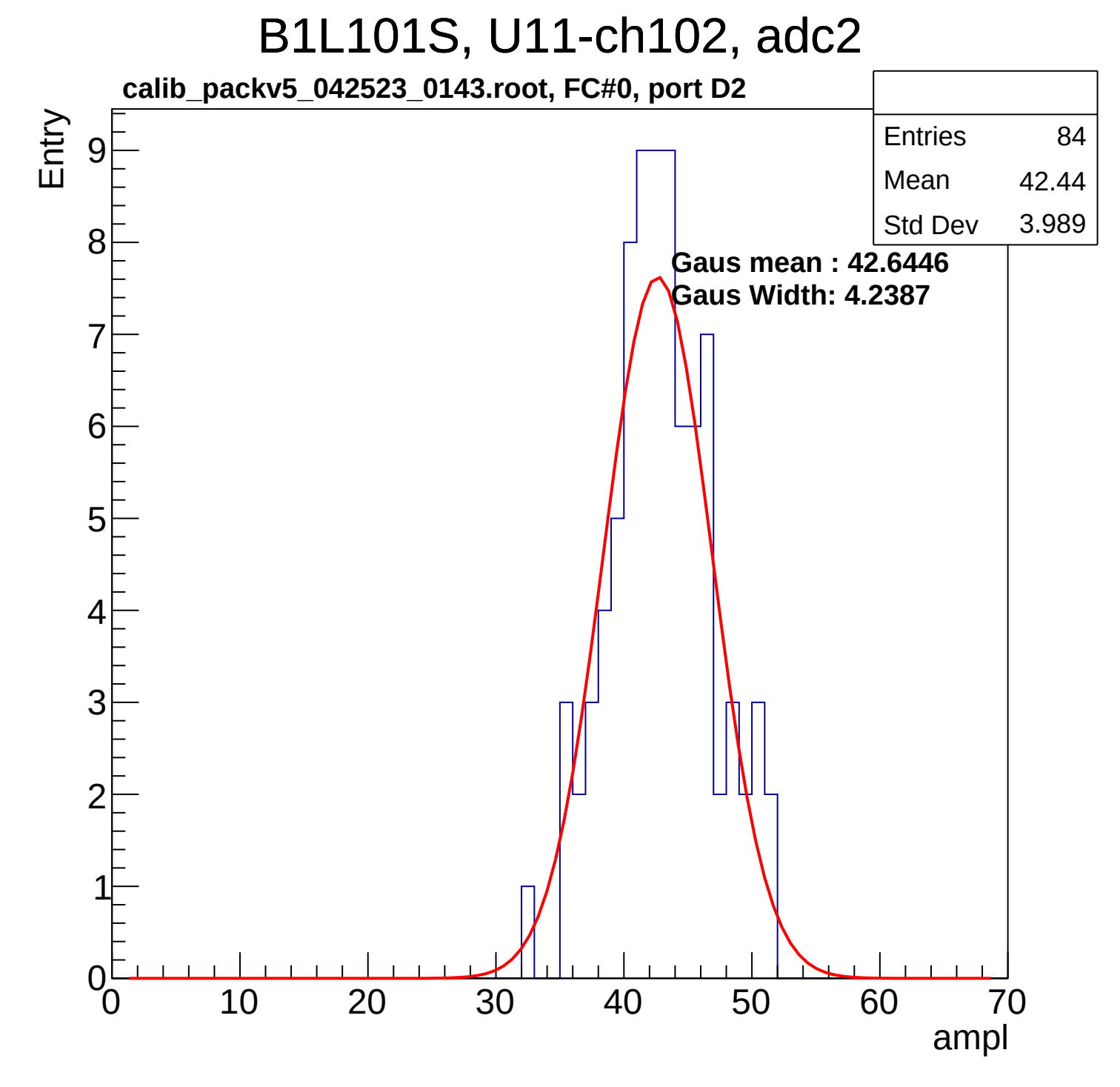
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch102, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 84
Mean 42.44
Std Dev 3.989
Gaus mean : 42.6446
Gaus Width: 4.2387
Entry
ampl
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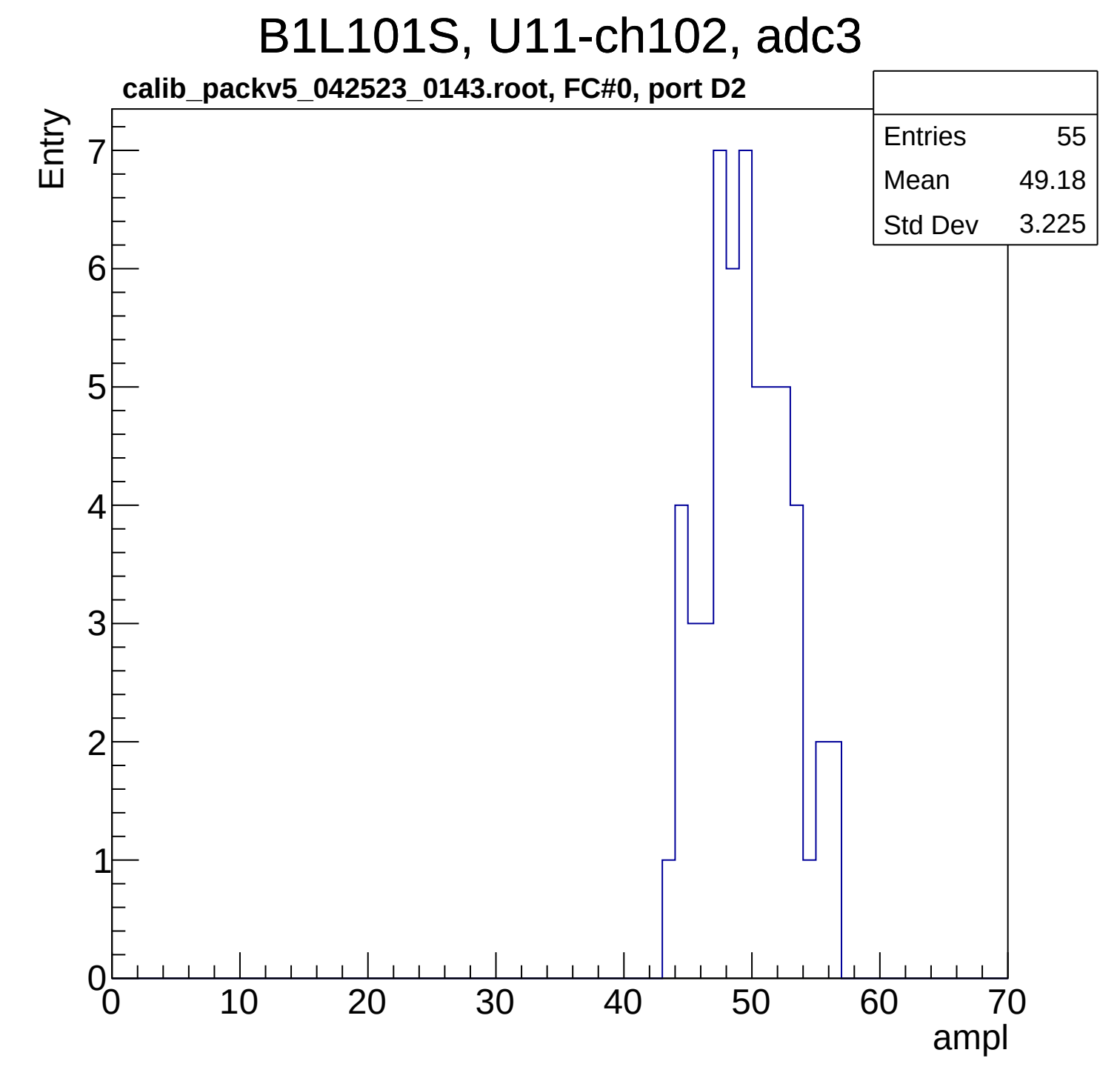
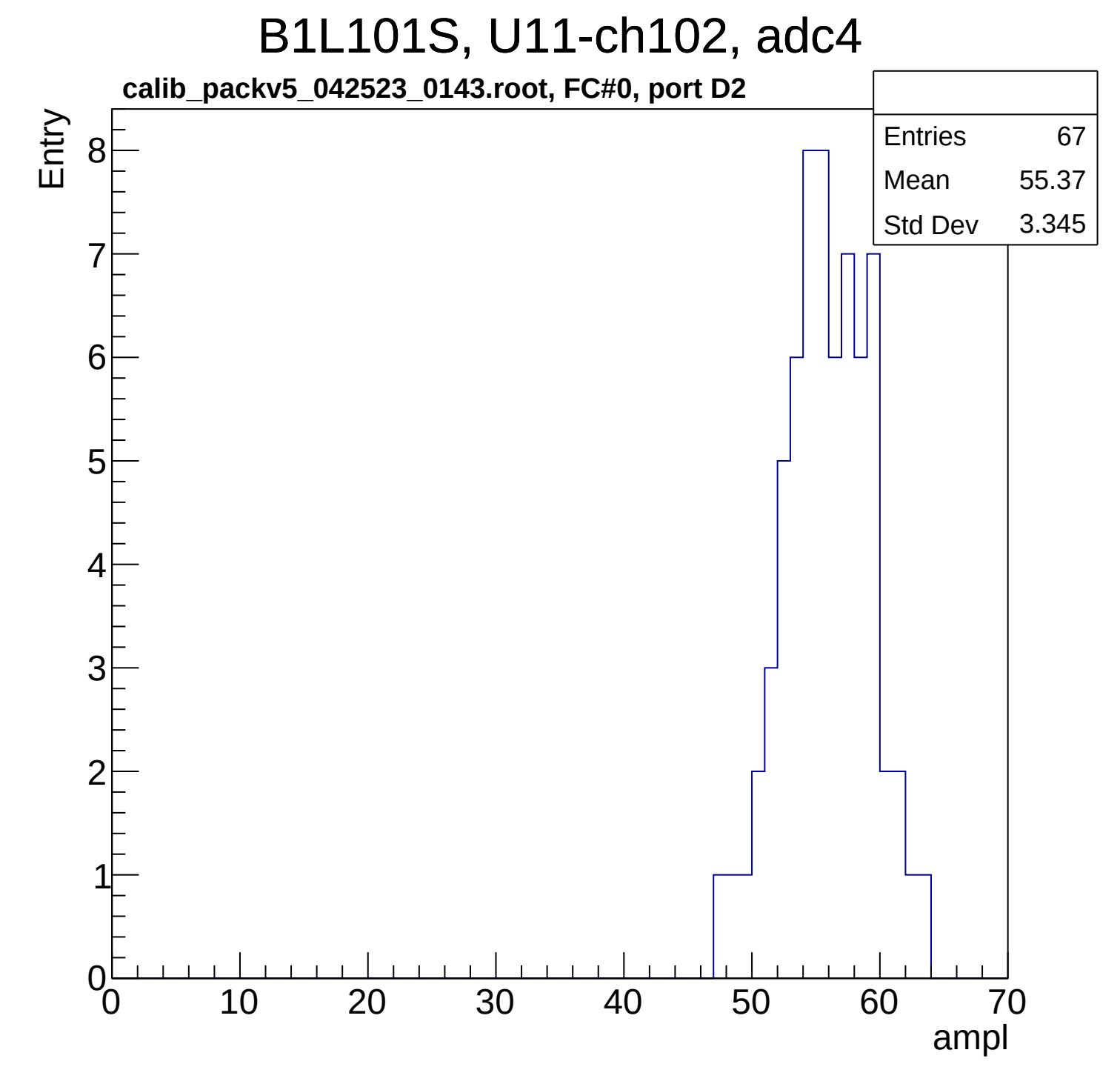
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch102, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 49.18
Std Dev 3.225
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch102, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 55.37
Std Dev 3.345
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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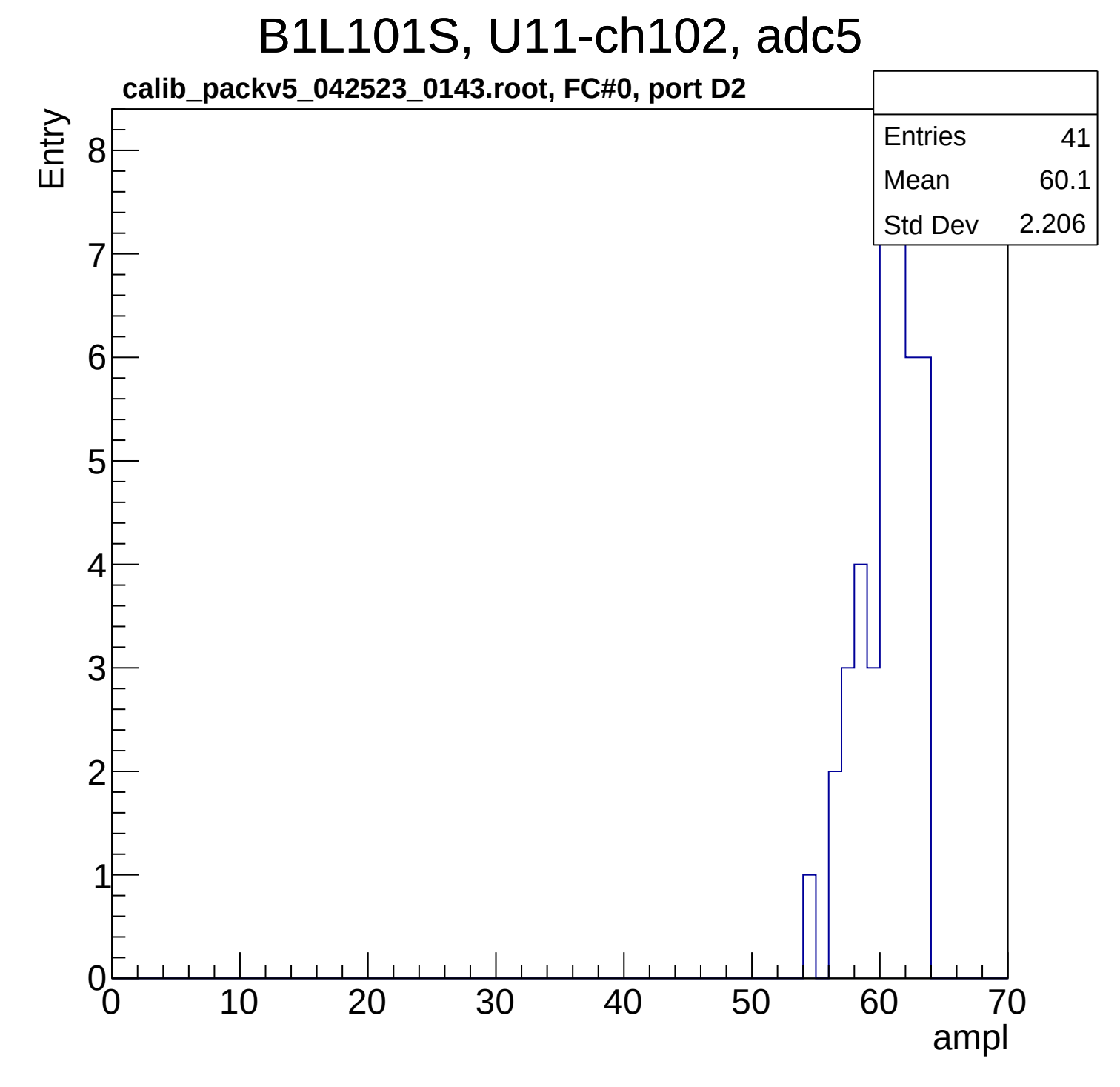
B1L101S, U11-ch102, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 41
Mean 60.1
Std Dev 2.206
Entry
ampl
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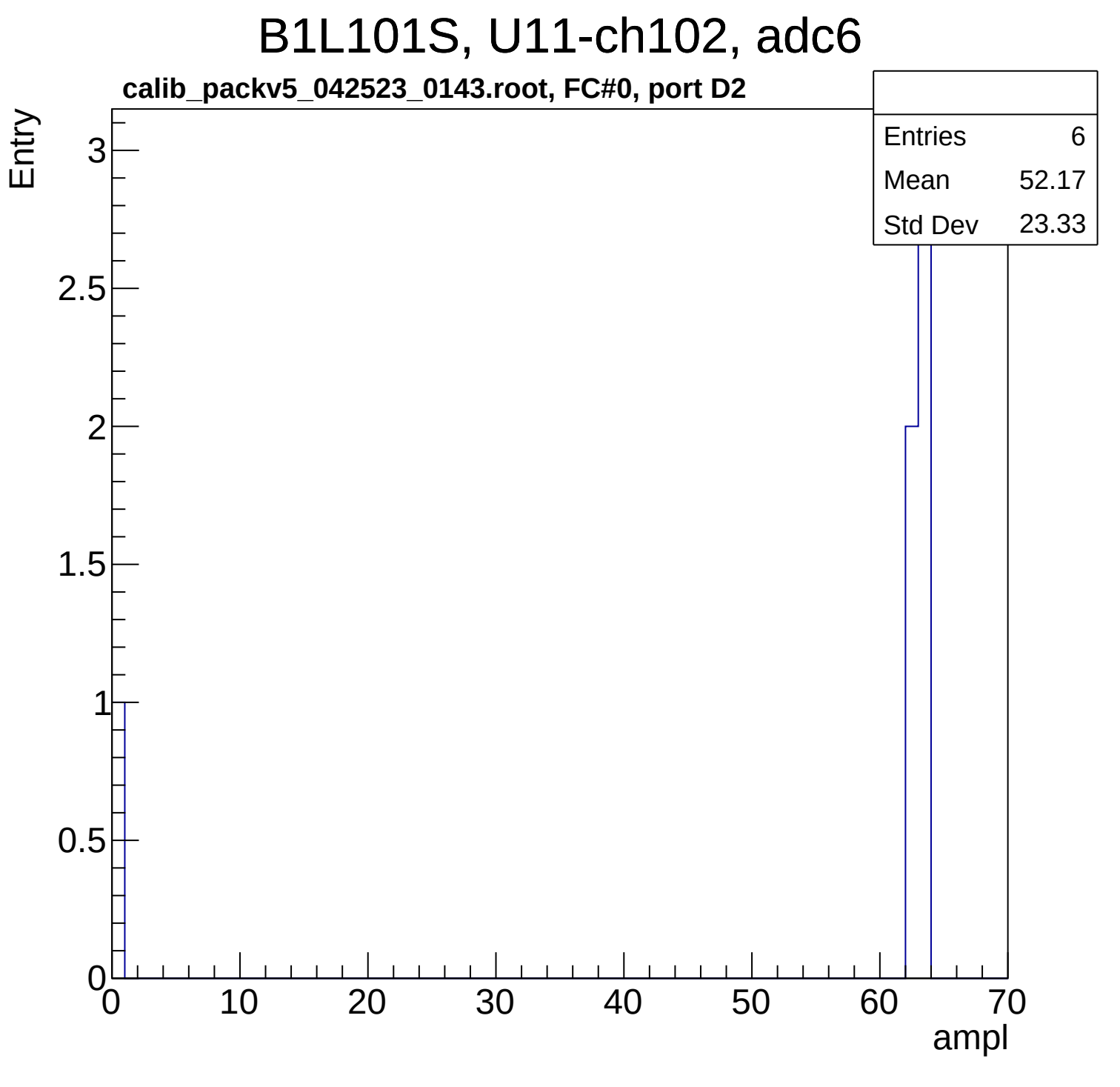
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch102, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 6
Mean 52.17
Std Dev 23.33
Entry
ampl
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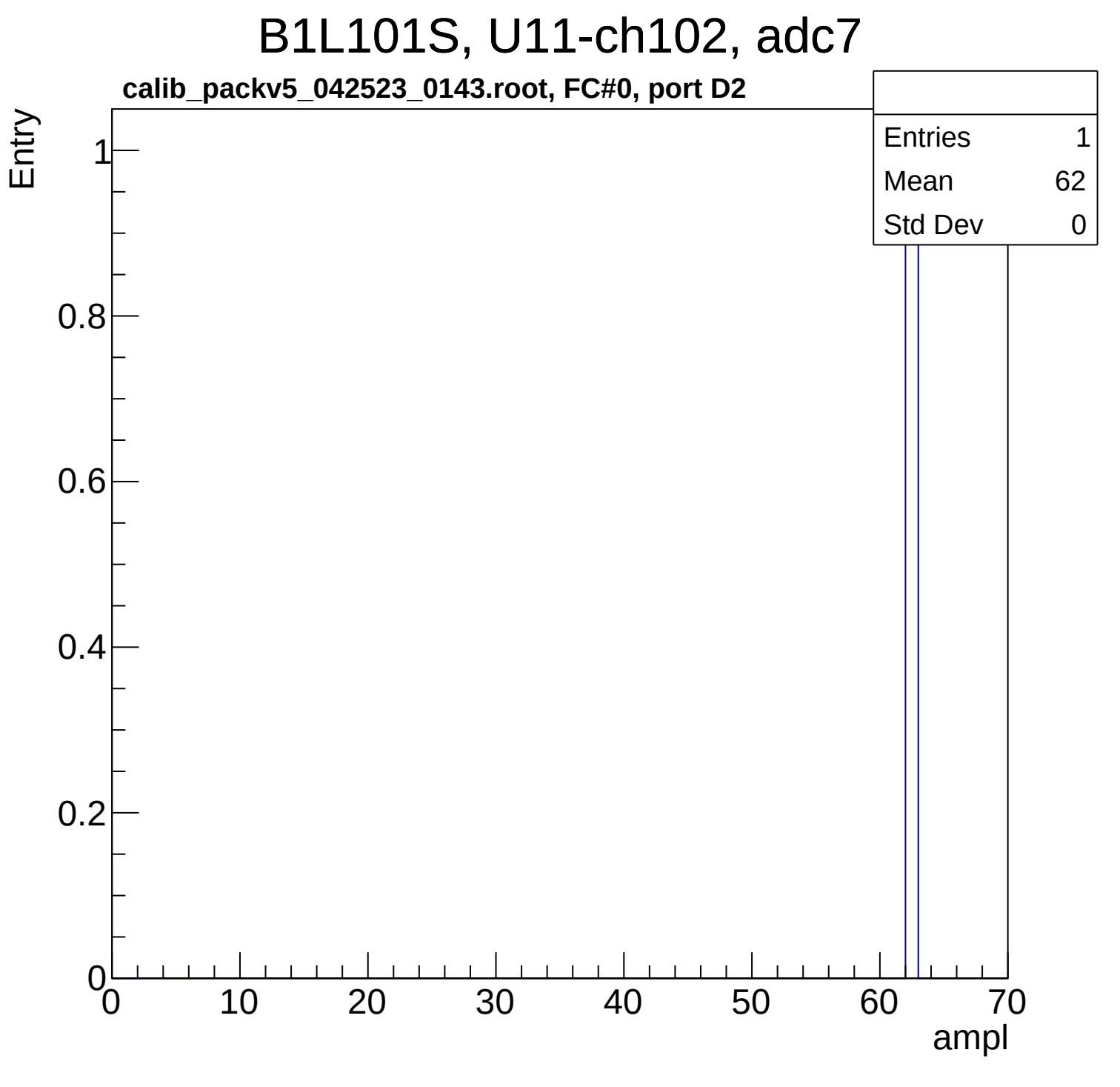
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L101S, U11-ch102, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 62
Std Dev 0
Entry
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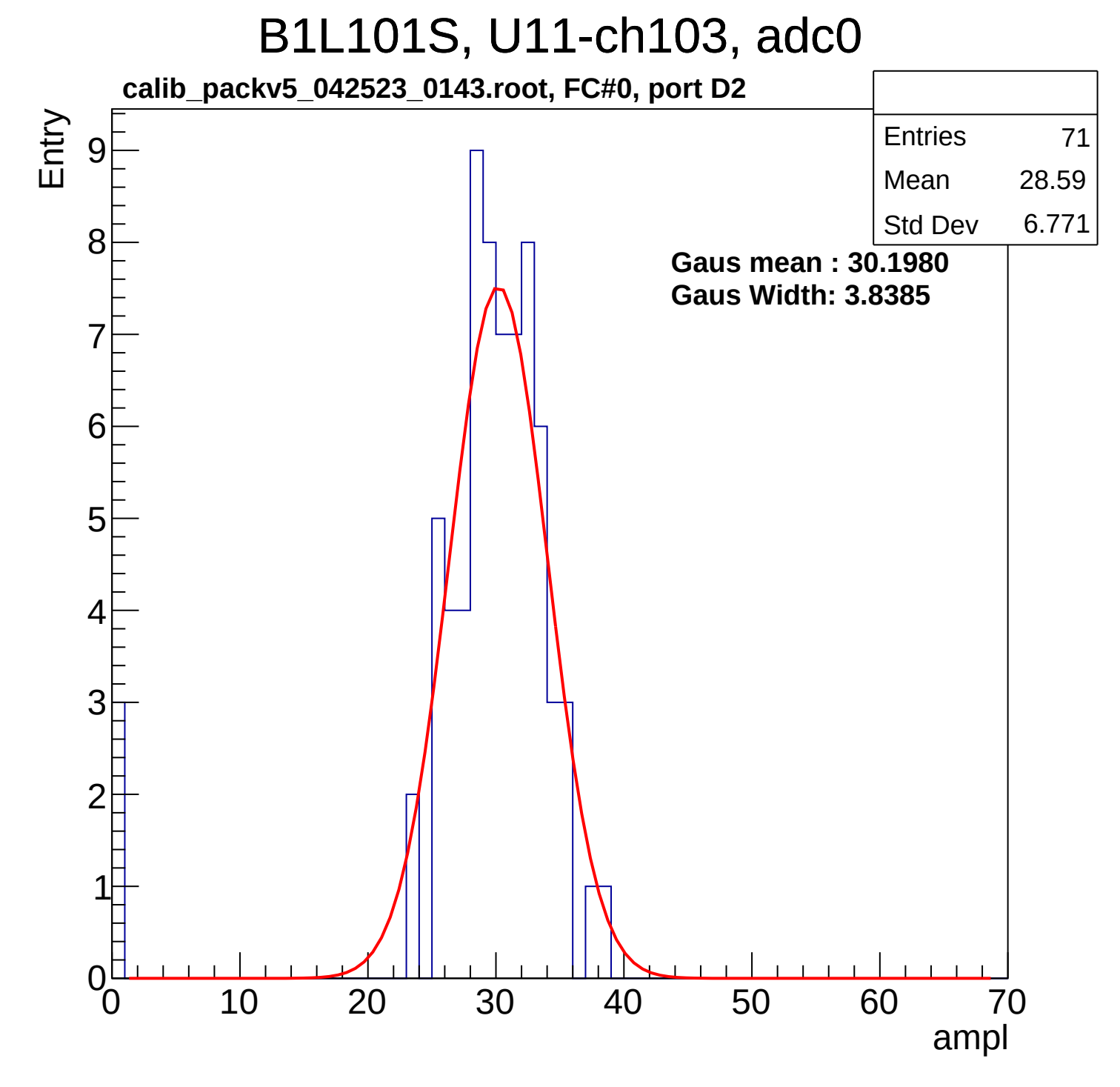
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch103, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 28.59
Std Dev 6.771
Gaus mean : 30.1980
Gaus Width: 3.8385
Entry
ampl
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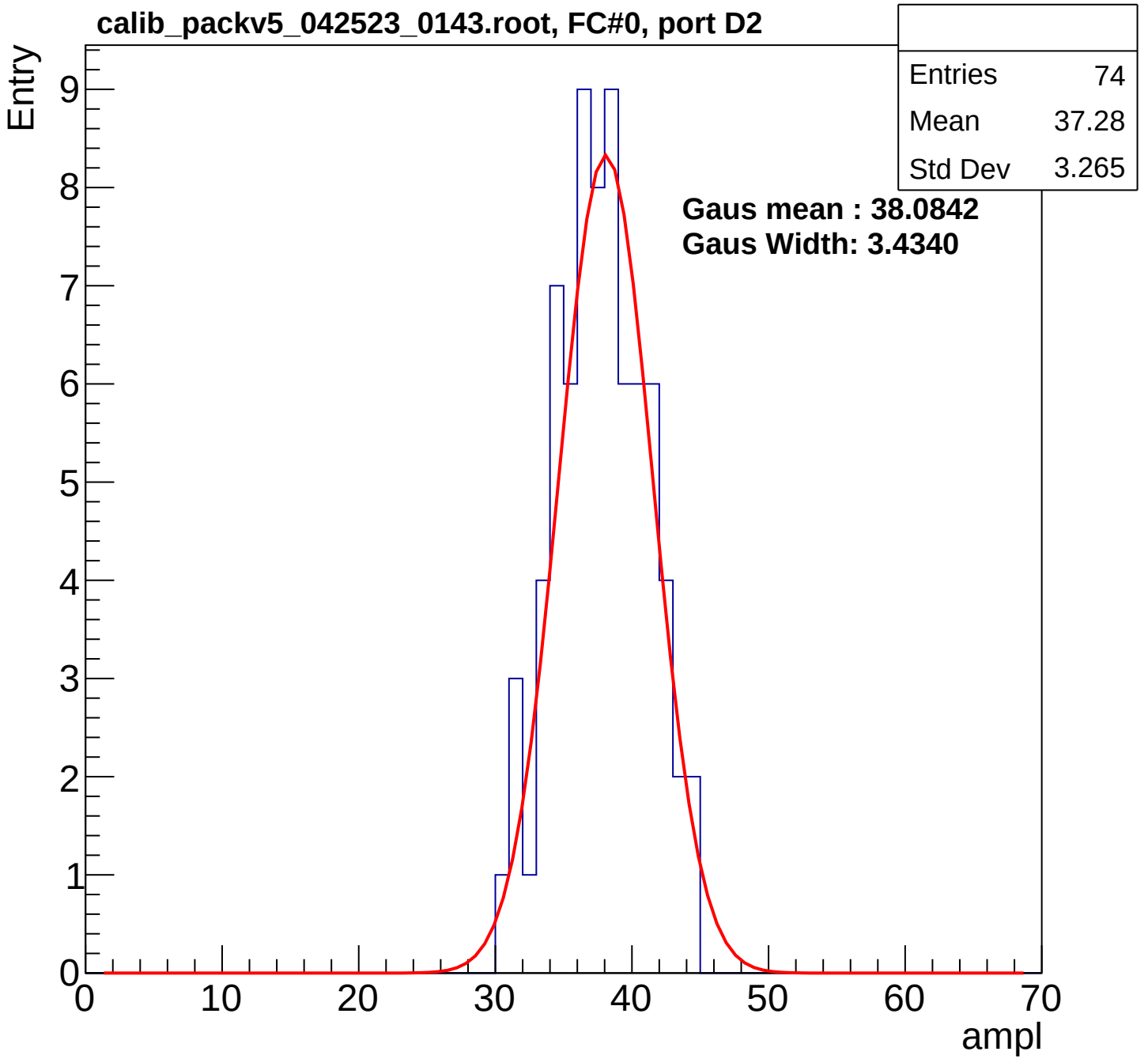
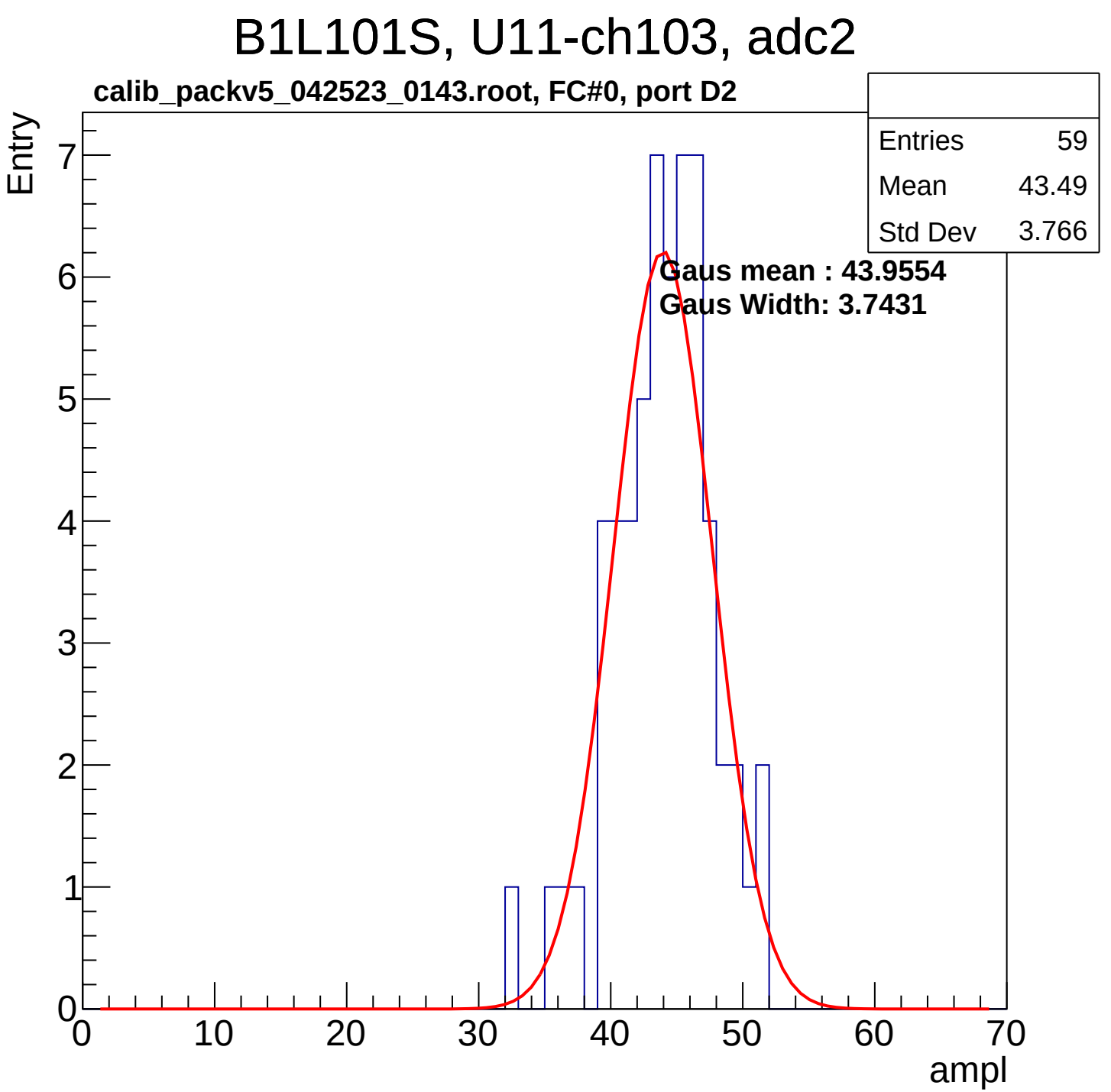
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch103, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 74
Mean 37.28
Std Dev 3.265
Gaus mean : 38.0842
Gaus Width: 3.4340
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch103, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 43.49
Std Dev 3.766
Gaus mean : 43.9554
Gaus Width: 3.7431
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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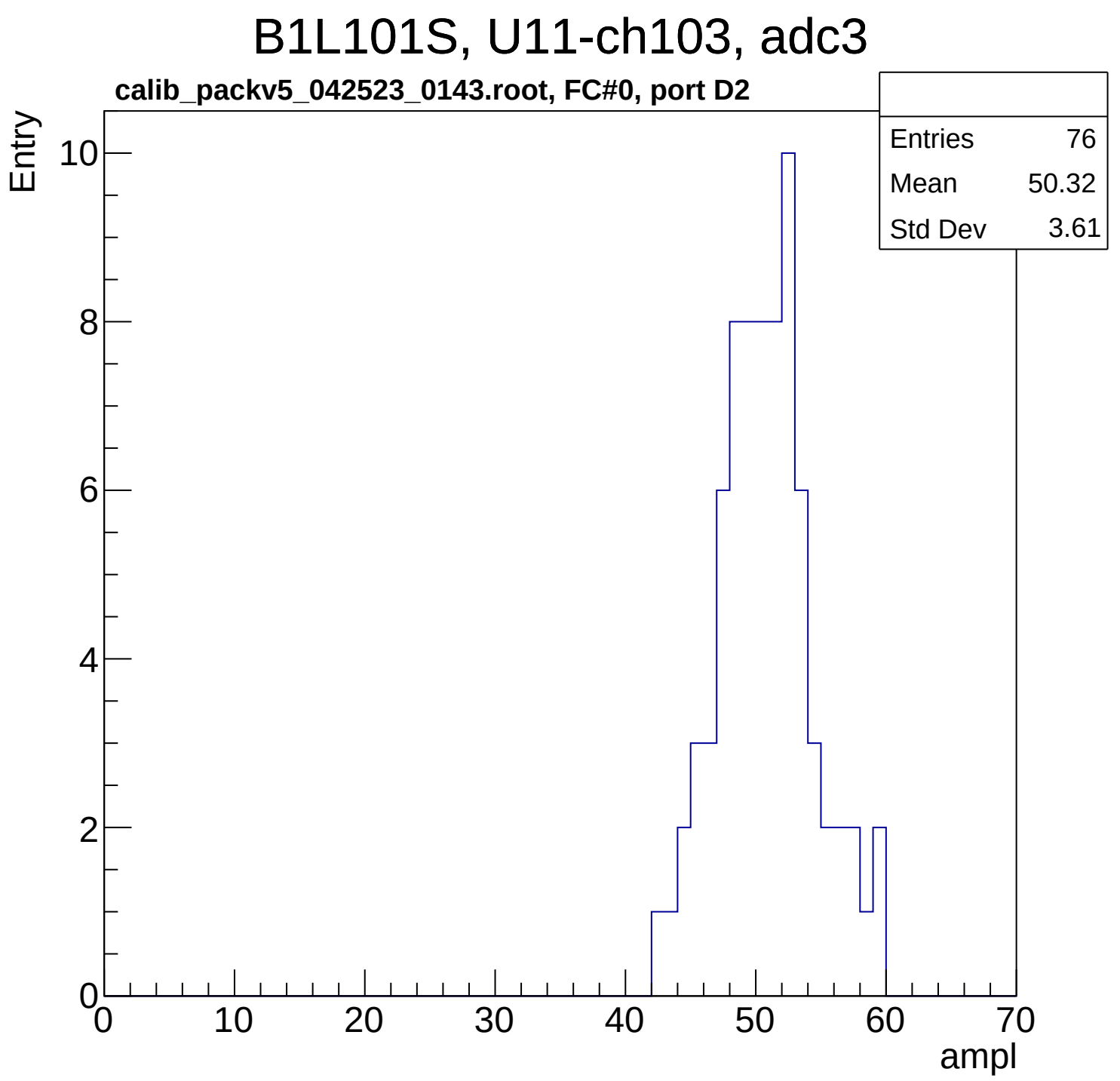
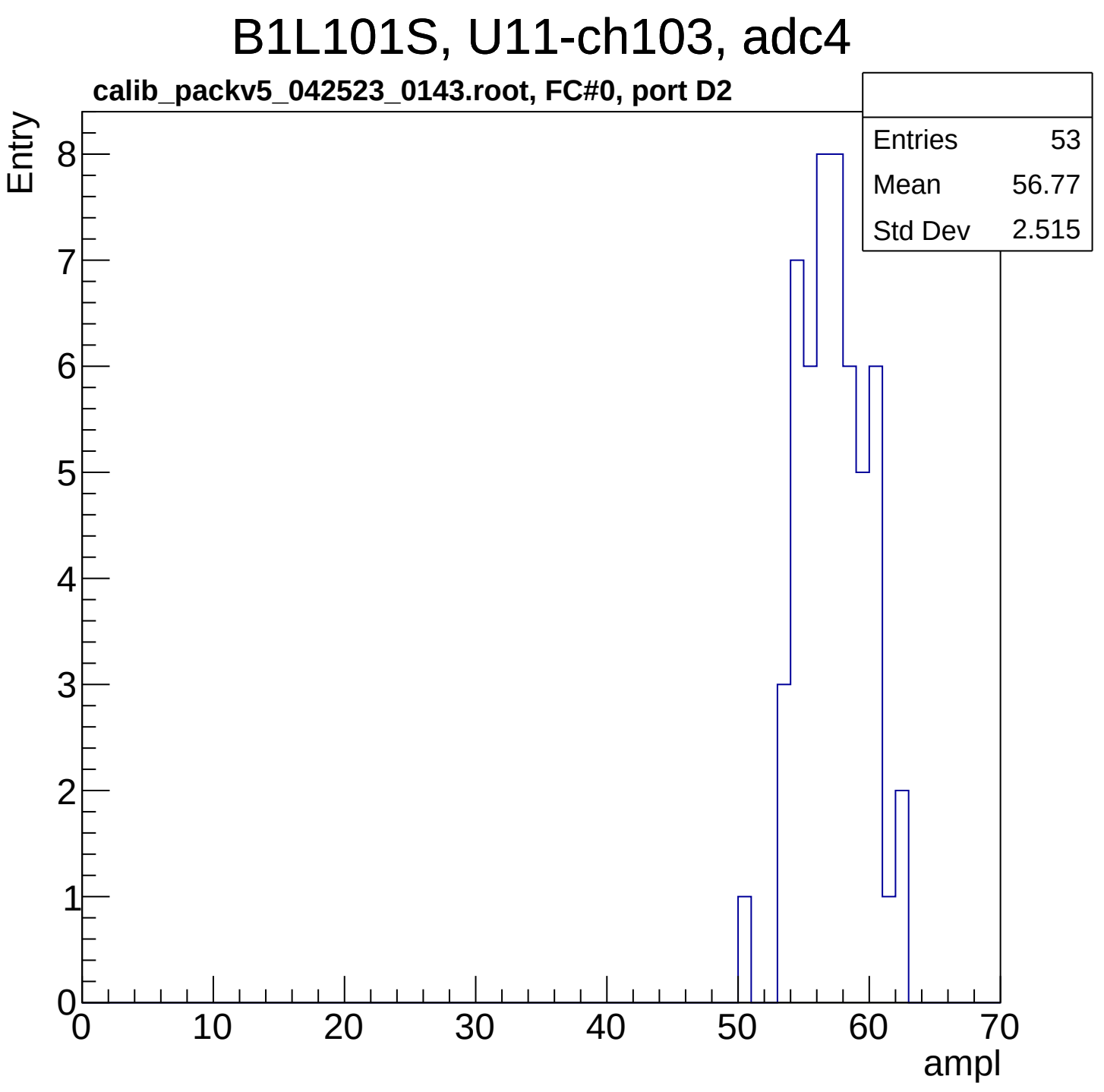

B1L101S, U11-ch103, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 50.32
Std Dev 3.61
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch103, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 56.77
Std Dev 2.515
Entry
ampl
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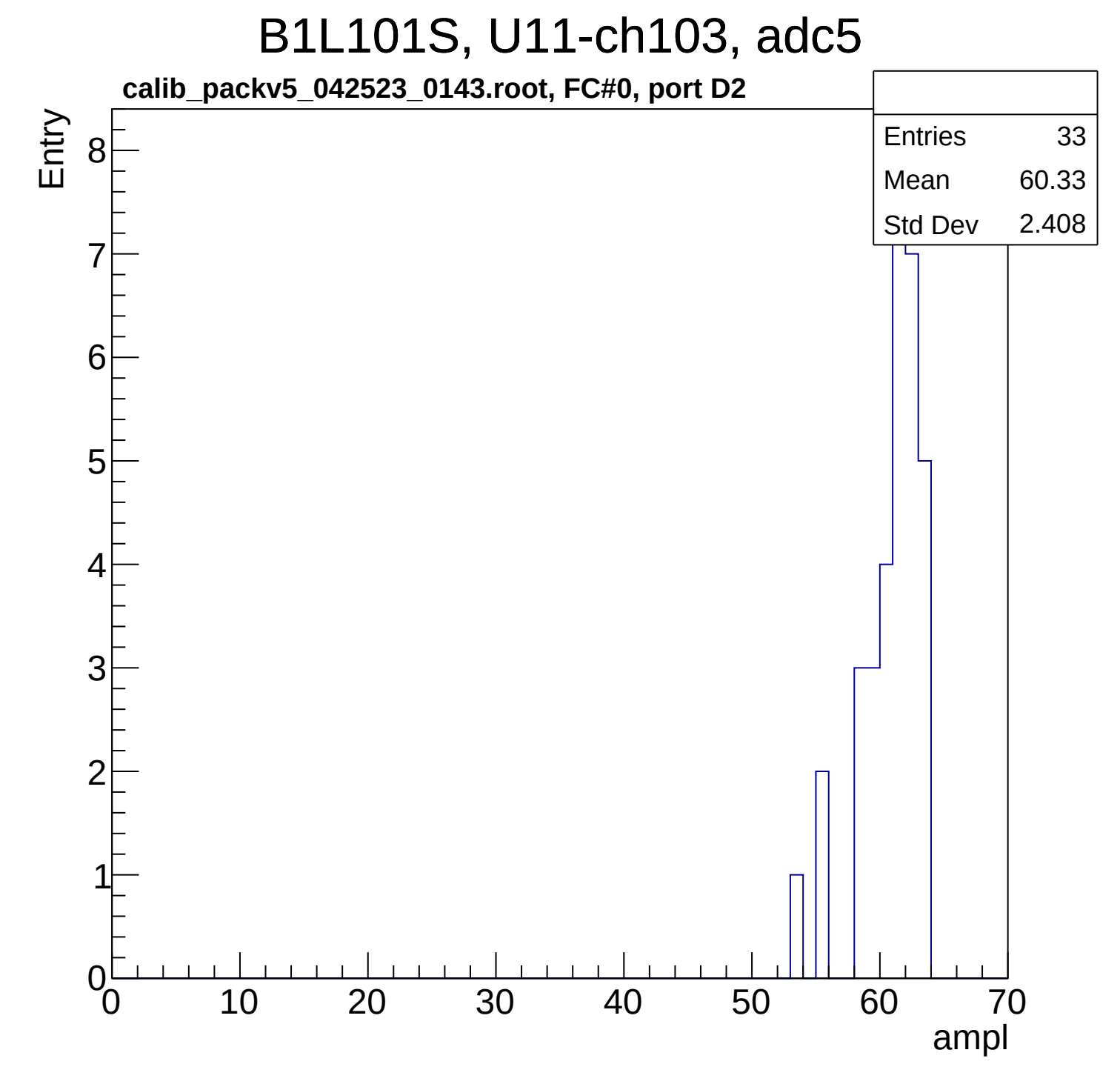
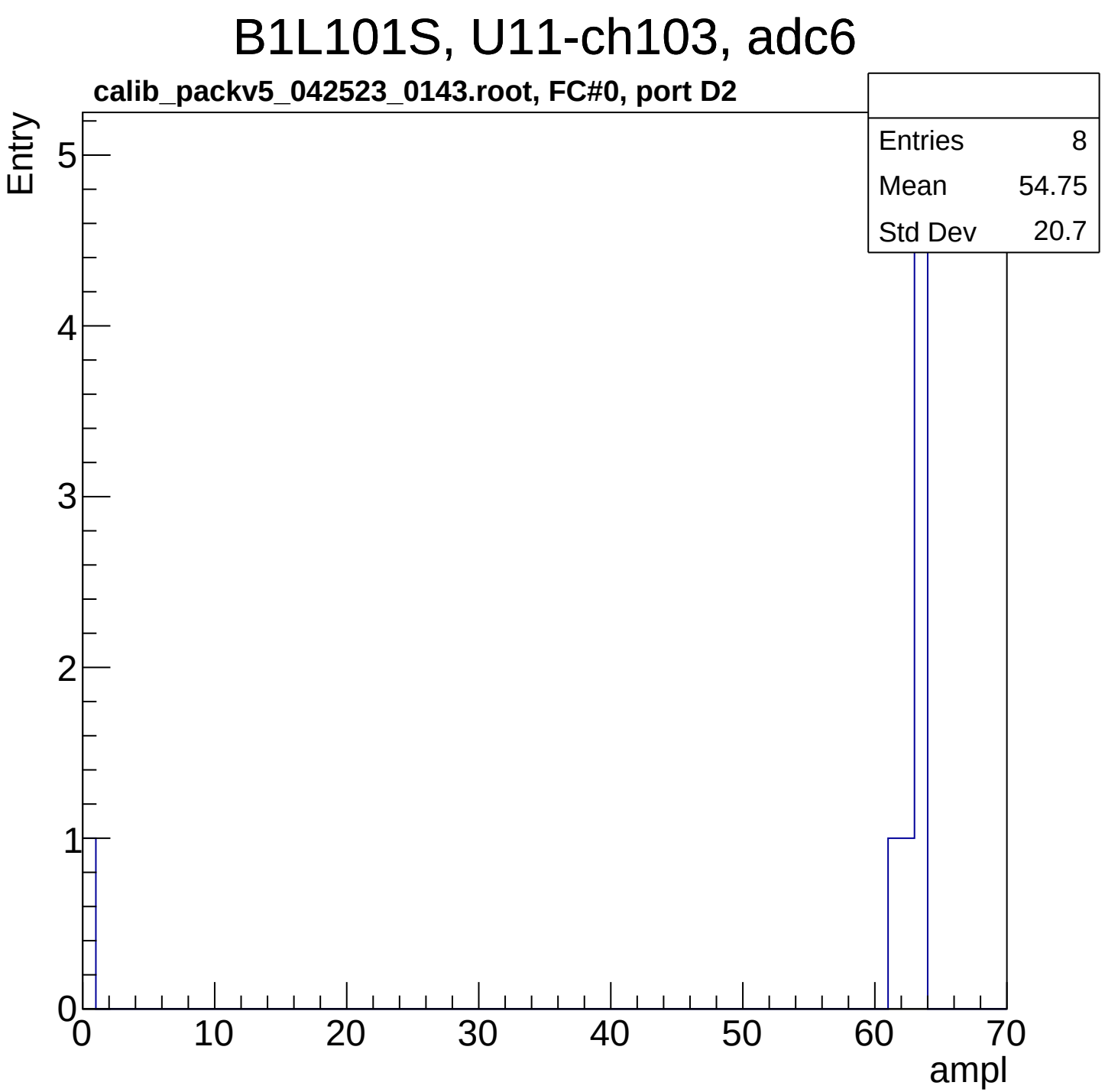
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch103, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 33
Mean 60.33
Std Dev 2.408
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch103, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 8
Mean 54.75
Std Dev 20.7
Entry
ampl
0
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2
3
4
5
0
10
20
30
40
50
60
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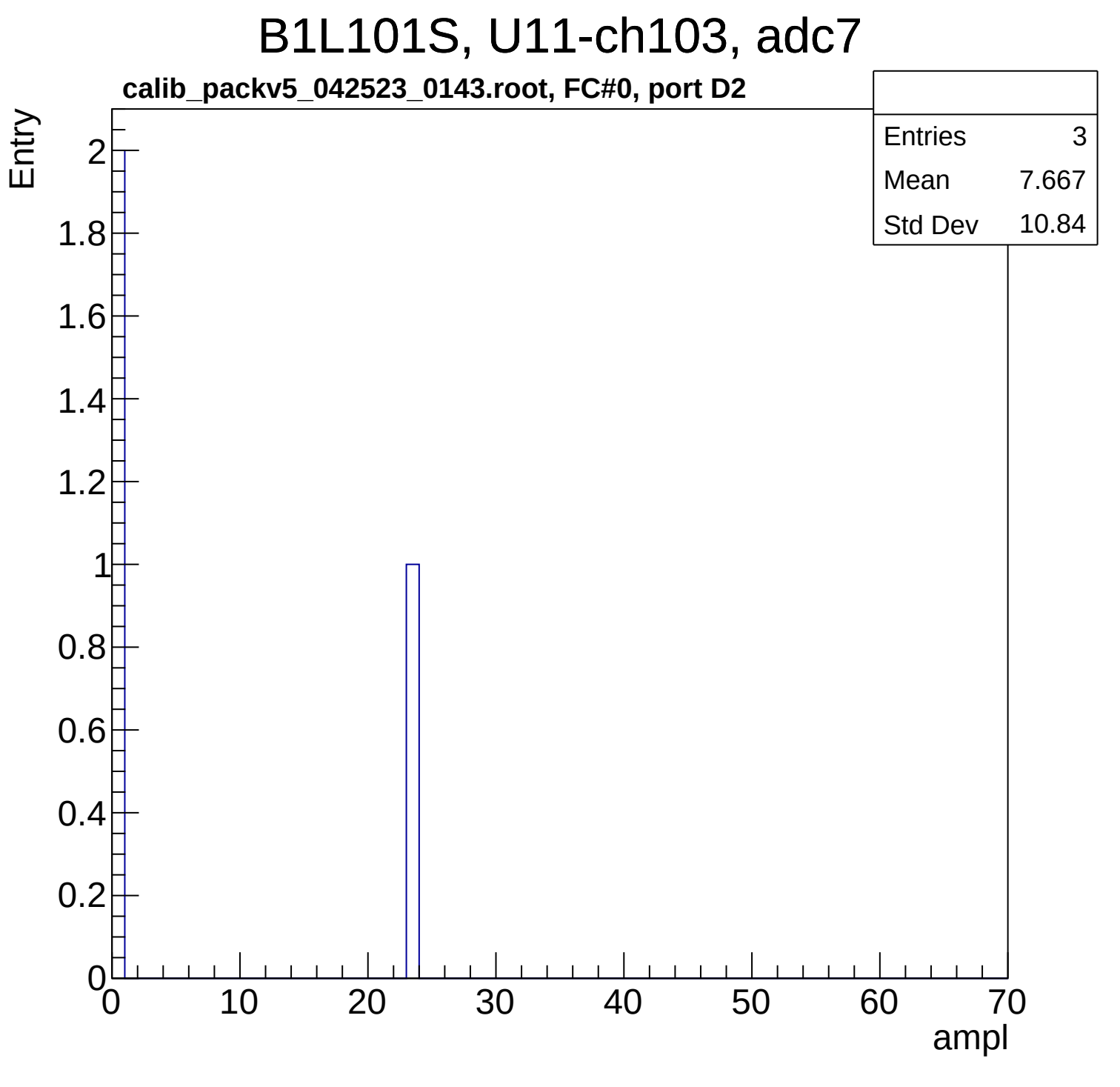
B1L101S, U11-ch103, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 7.667
Std Dev 10.84
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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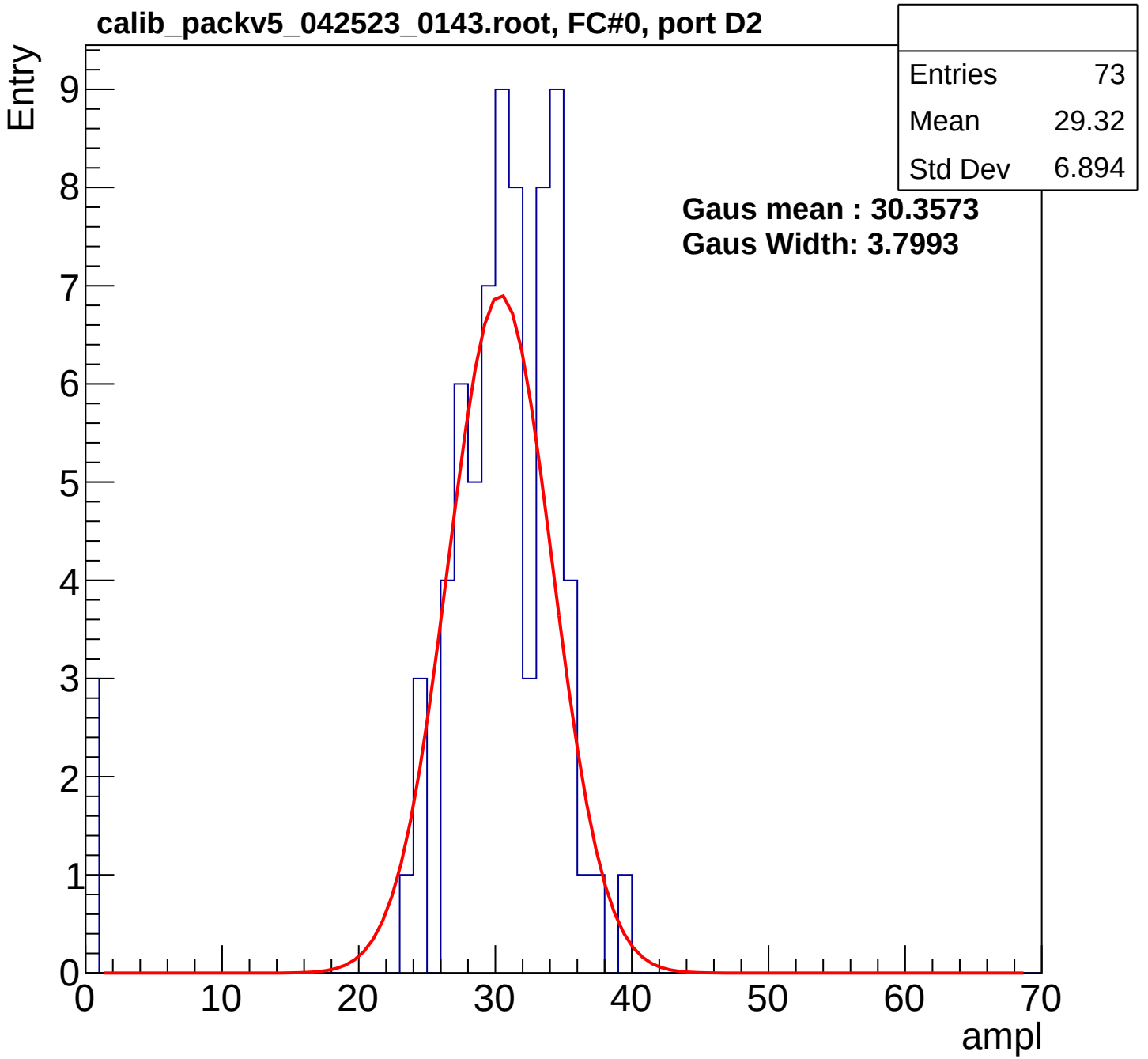
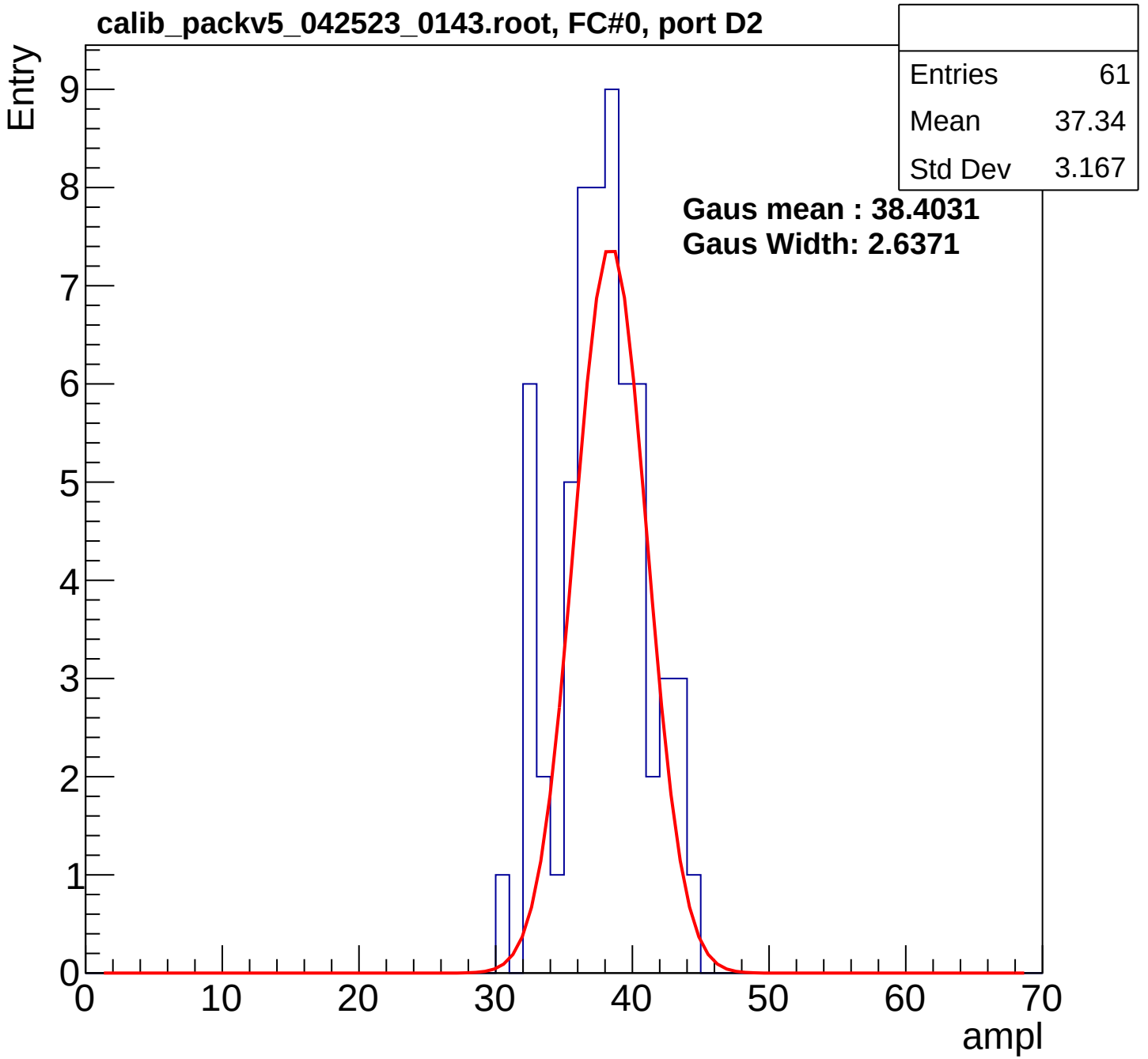

B1L101S, U11-ch104, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 29.32
Std Dev 6.894
Gaus mean : 30.3573
Gaus Width: 3.7993
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch104, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 37.34
Std Dev 3.167
Gaus mean : 38.4031
Gaus Width: 2.6371
Entry
ampl
0
1
2
3
4
5
6
7
8
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0
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40
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60
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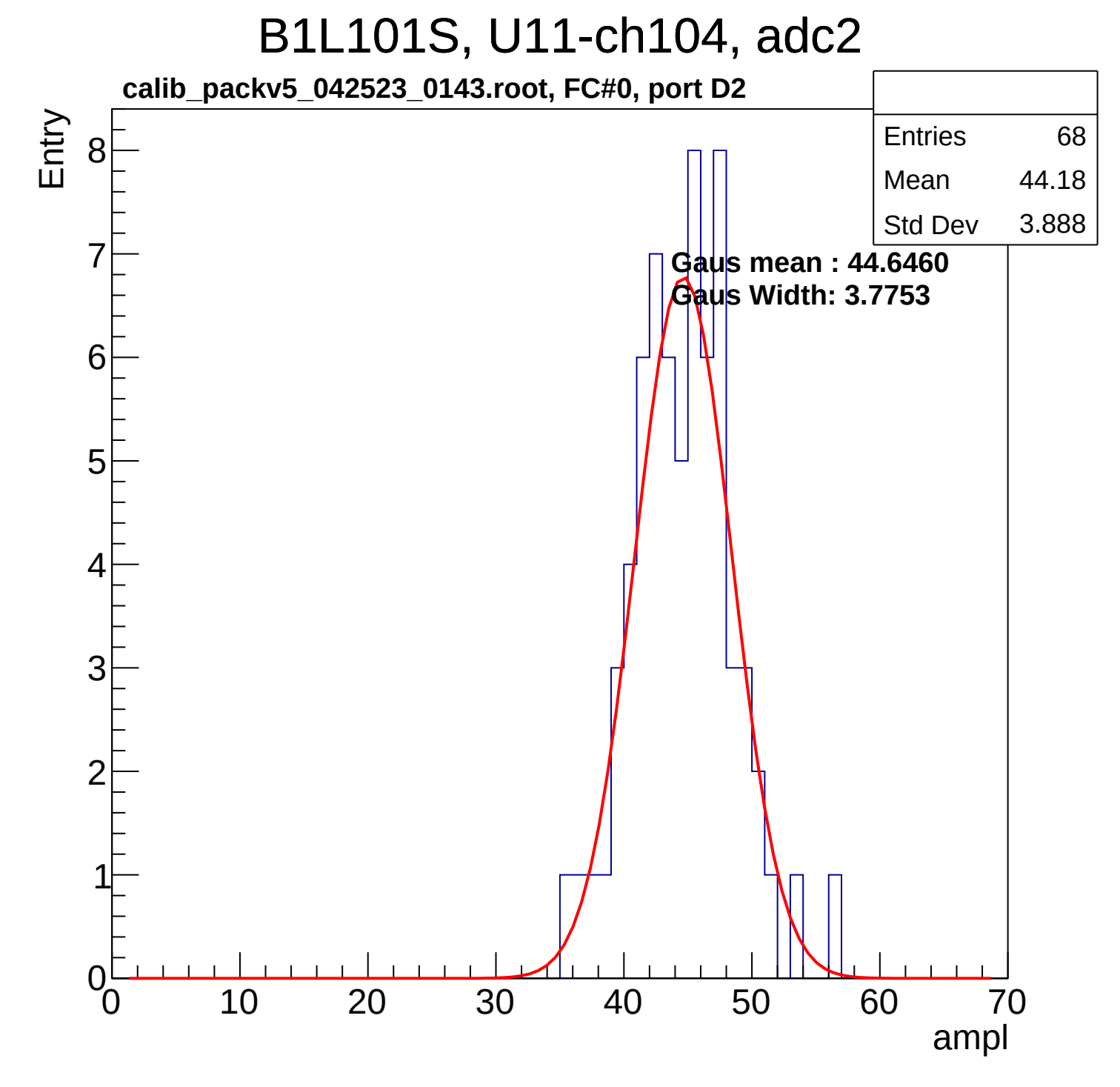
B1L101S, U11-ch104, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 44.18
Std Dev 3.888
Gaus mean : 44.6460
Gaus Width: 3.7753
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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60
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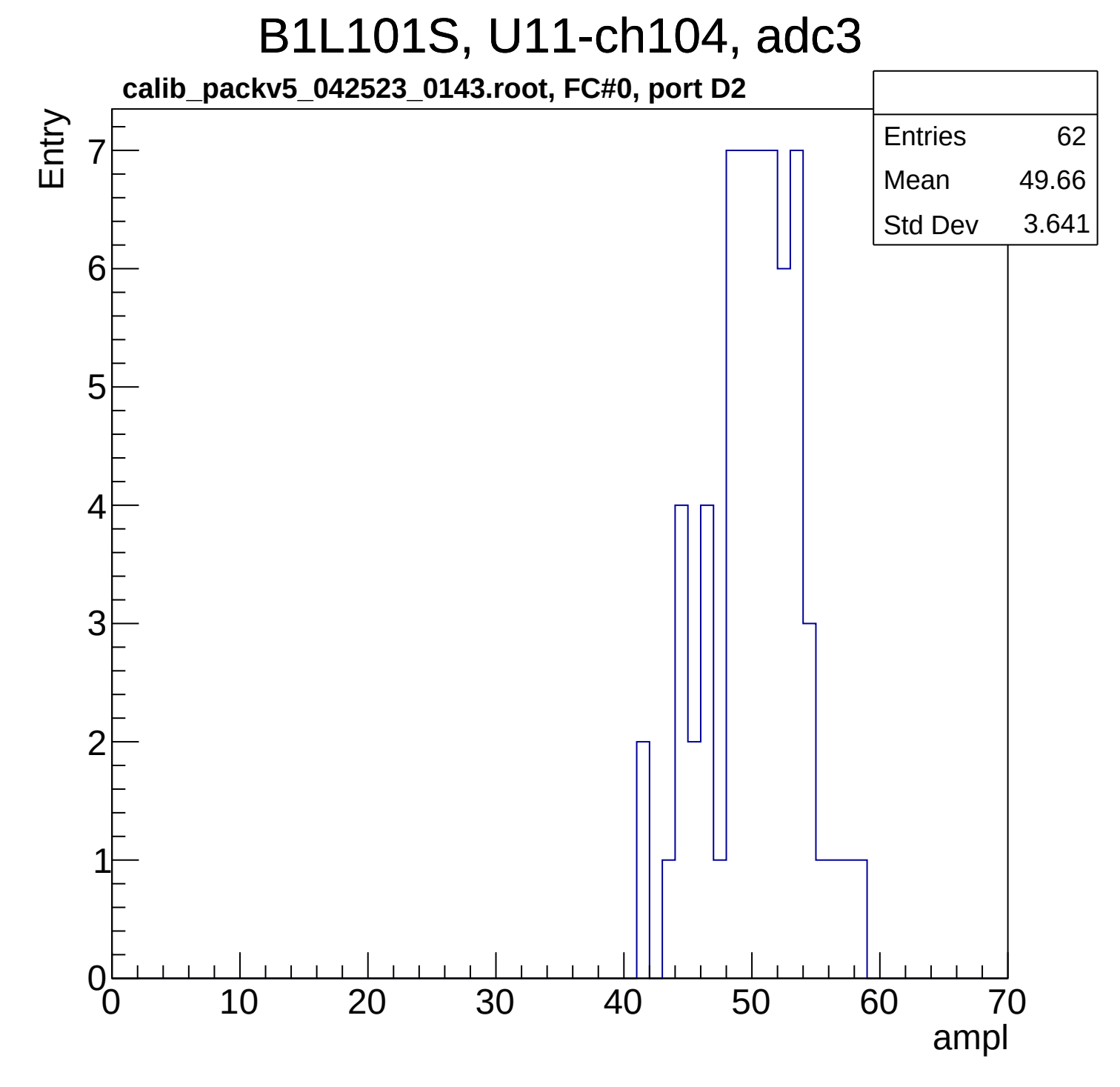
B1L101S, U11-ch104, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 49.66
Std Dev 3.641
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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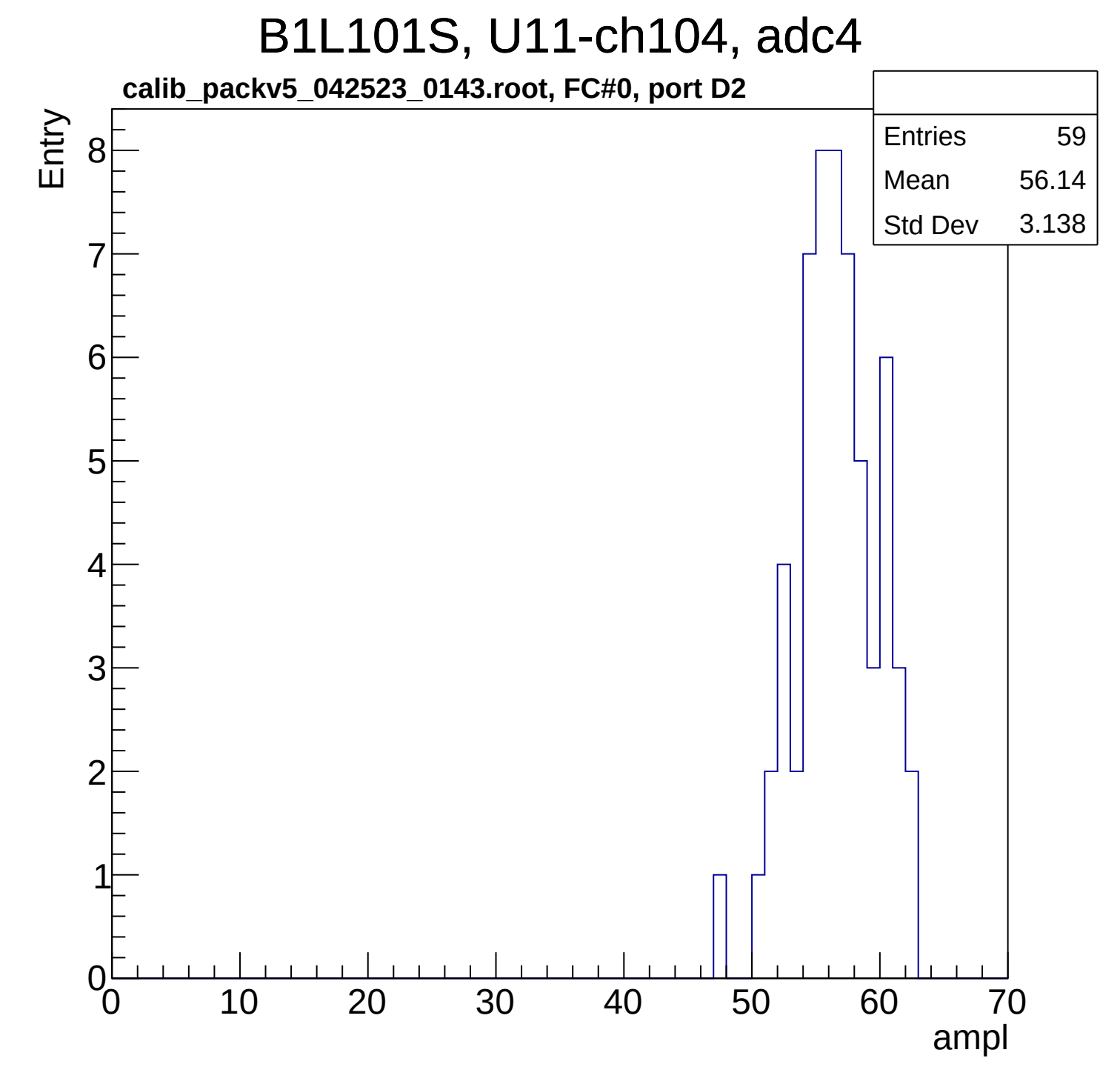
B1L101S, U11-ch104, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 56.14
Std Dev 3.138
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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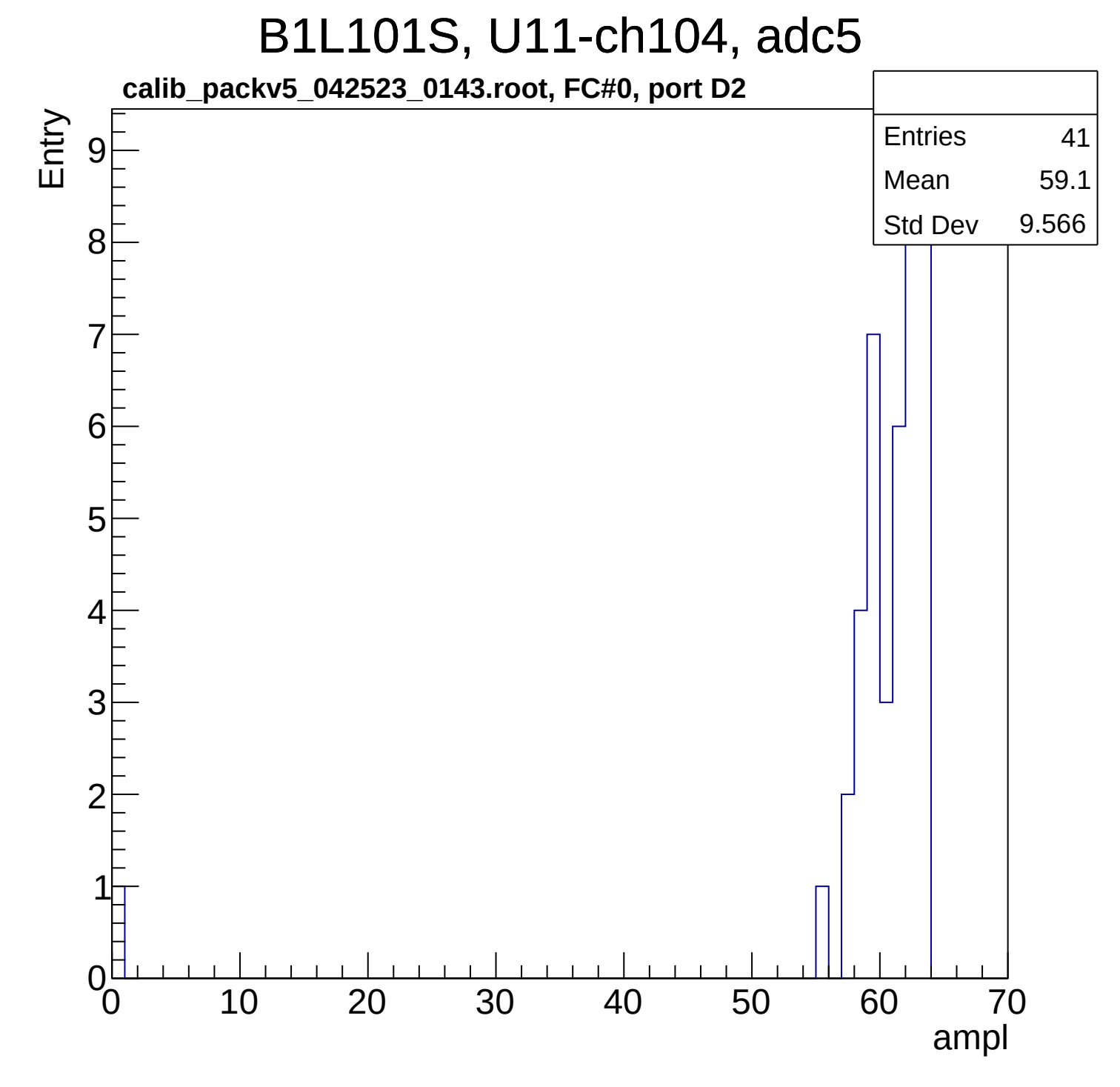
B1L101S, U11-ch104, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 41
Mean 59.1
Std Dev 9.566
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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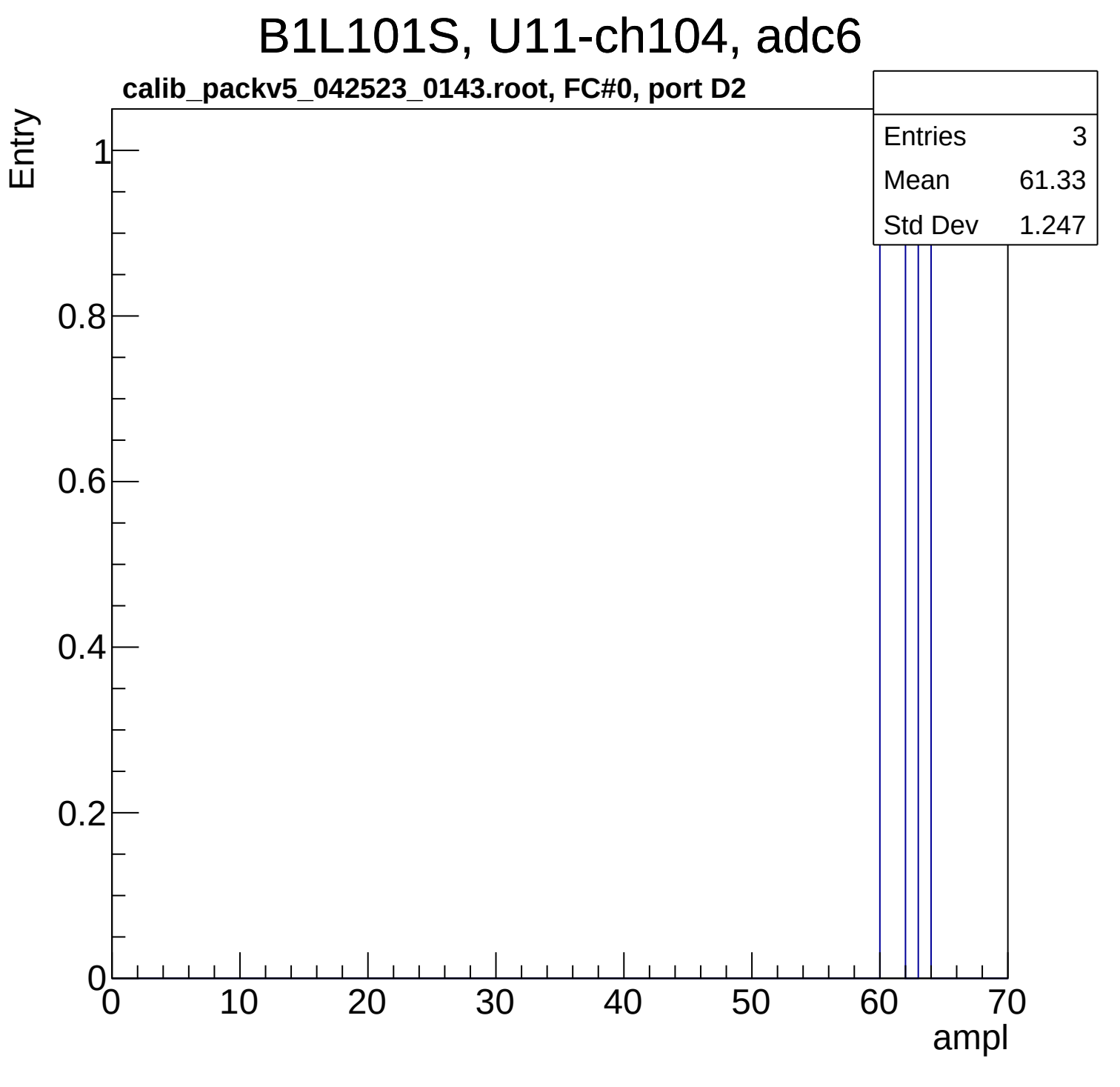
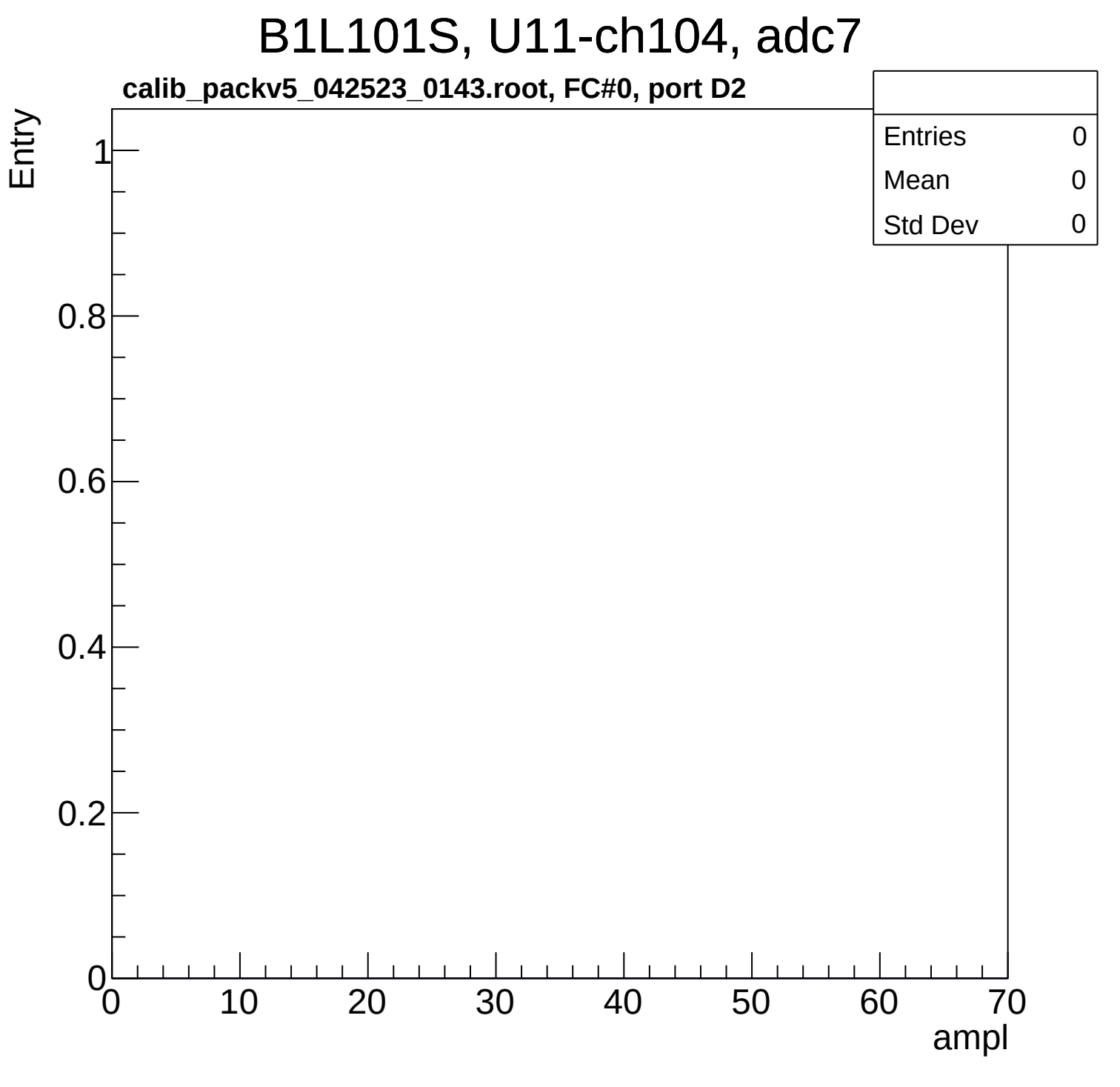
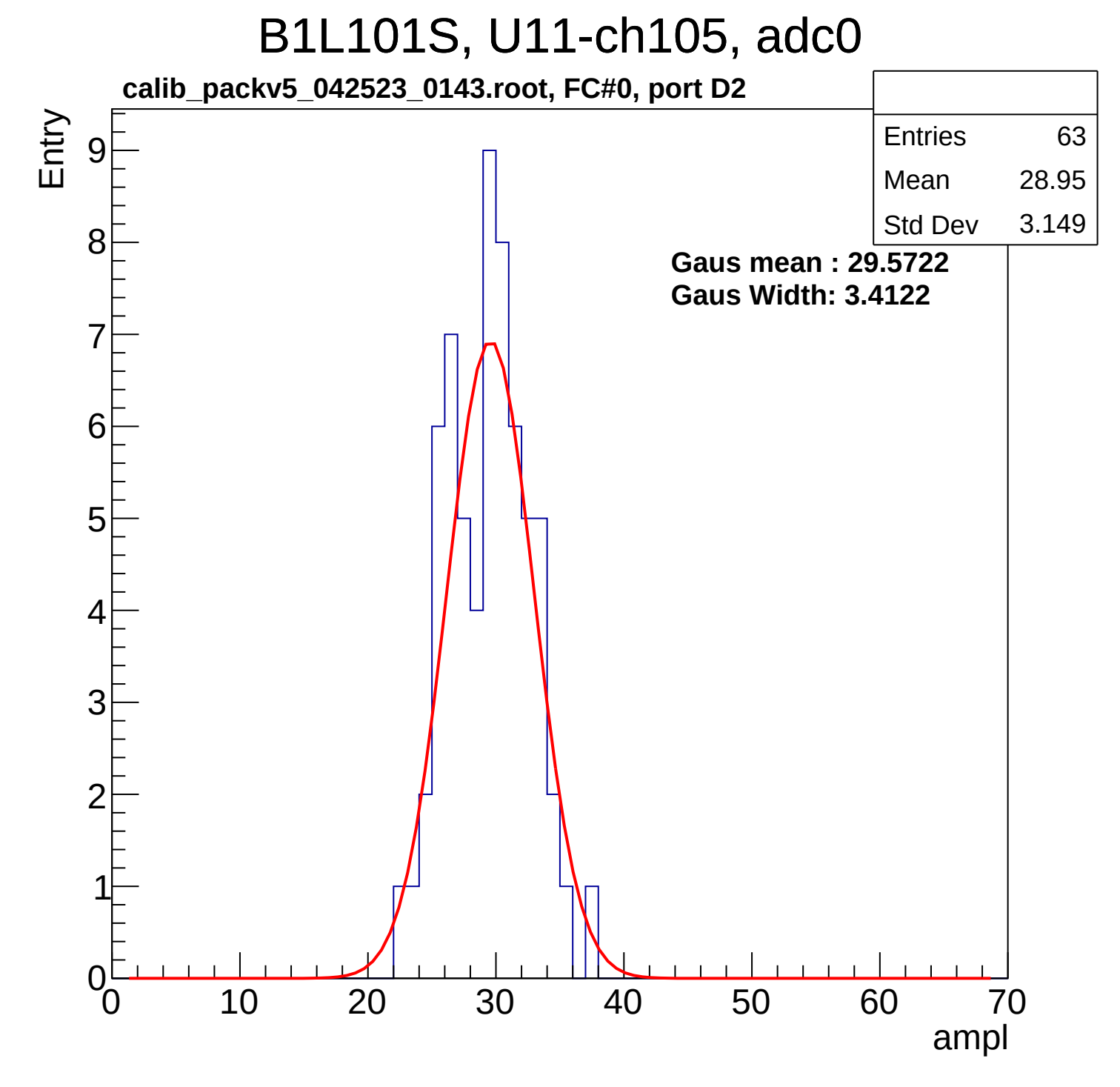

B1L101S, U11-ch104, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 61.33
Std Dev 1.247
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch104, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch105, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 28.95
Std Dev 3.149
Gaus mean : 29.5722
Gaus Width: 3.4122
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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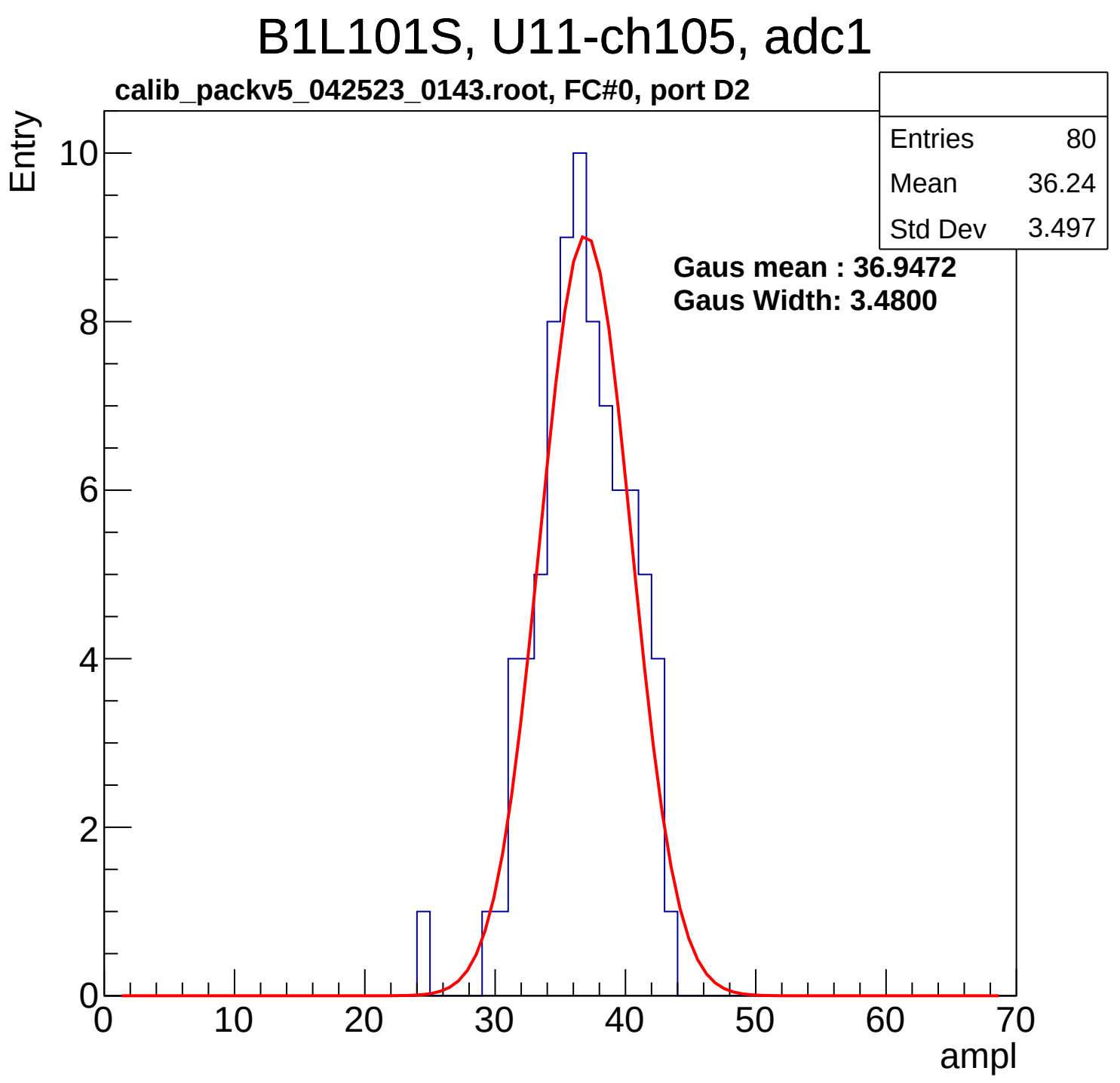
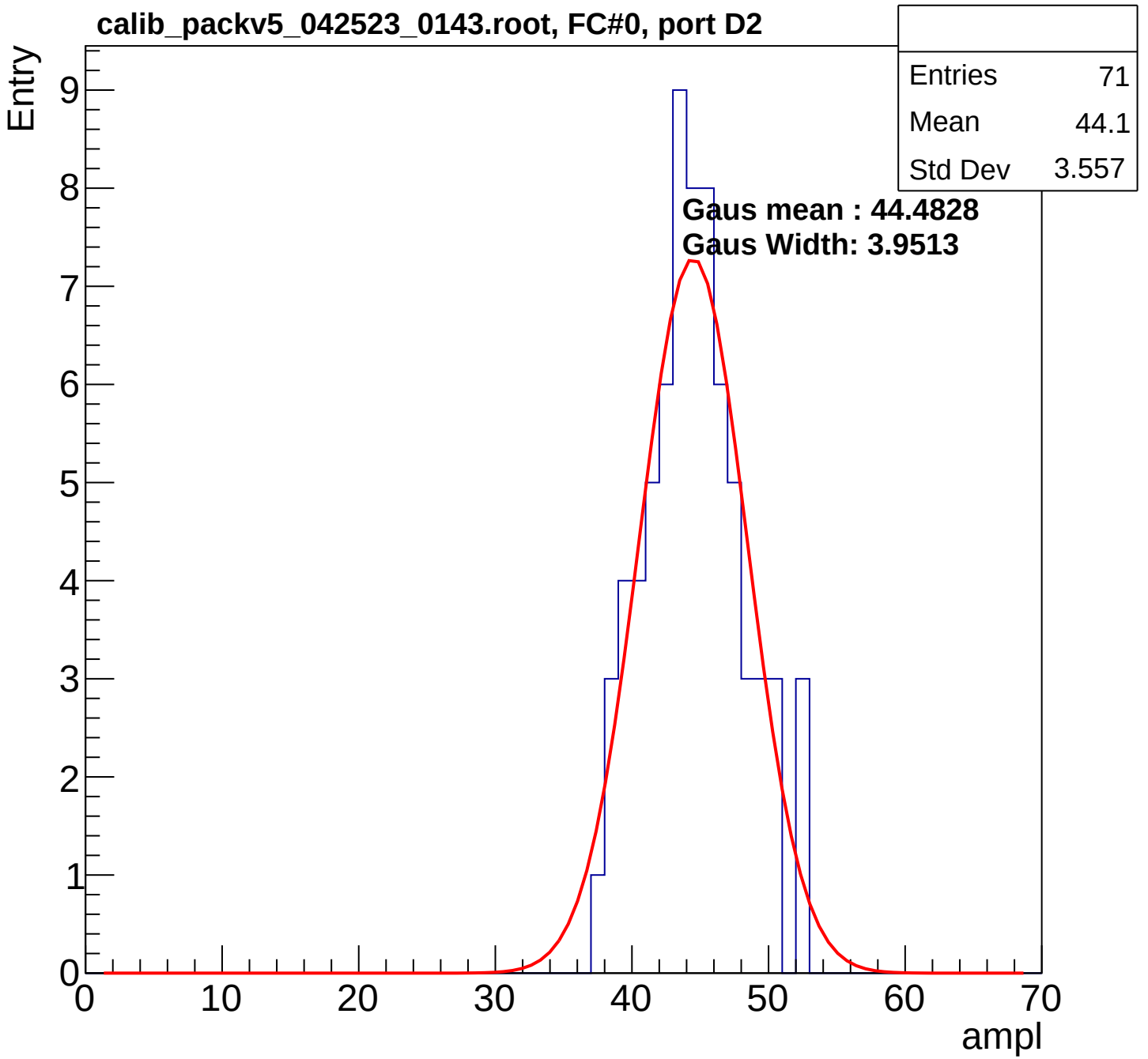
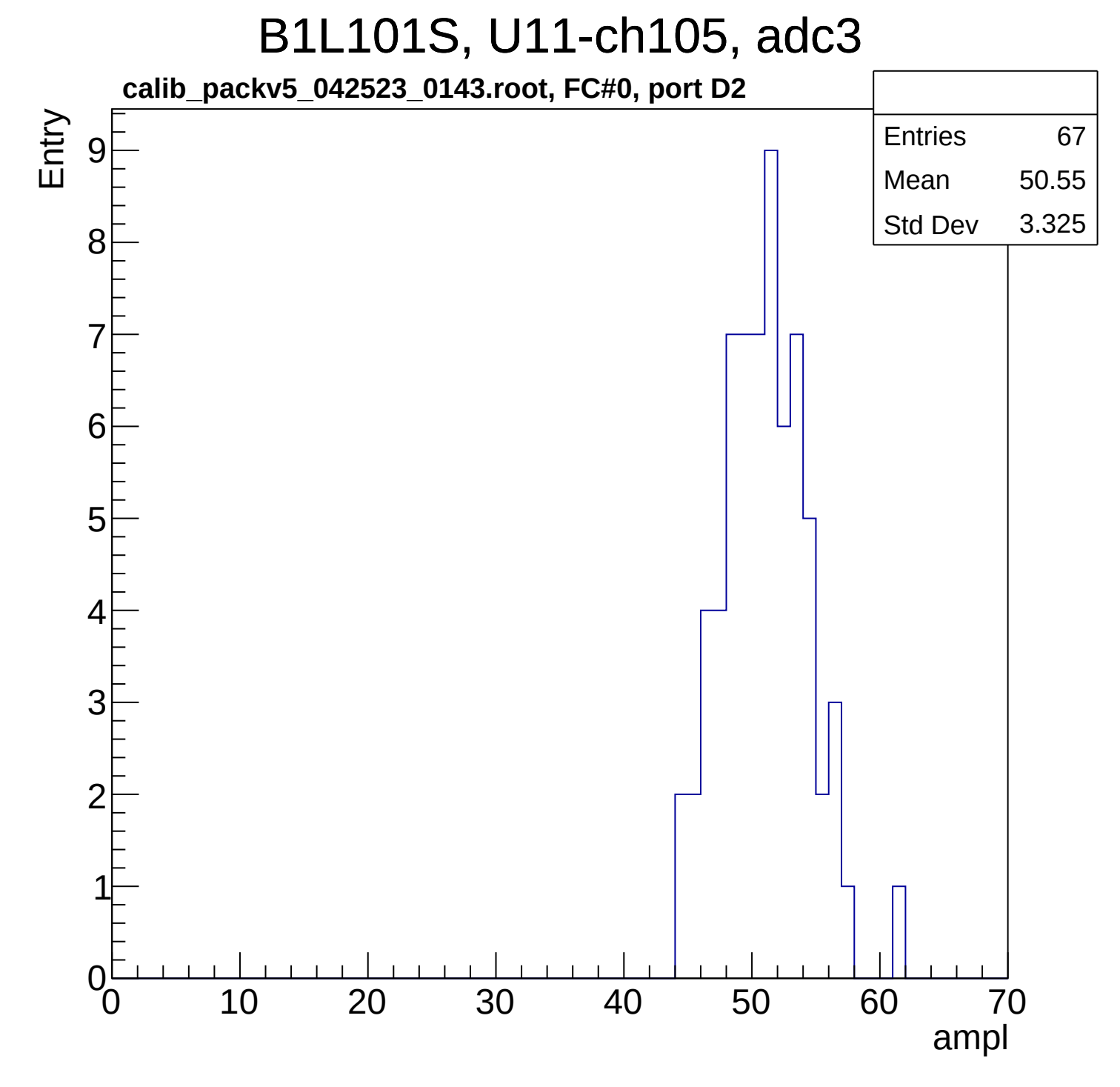
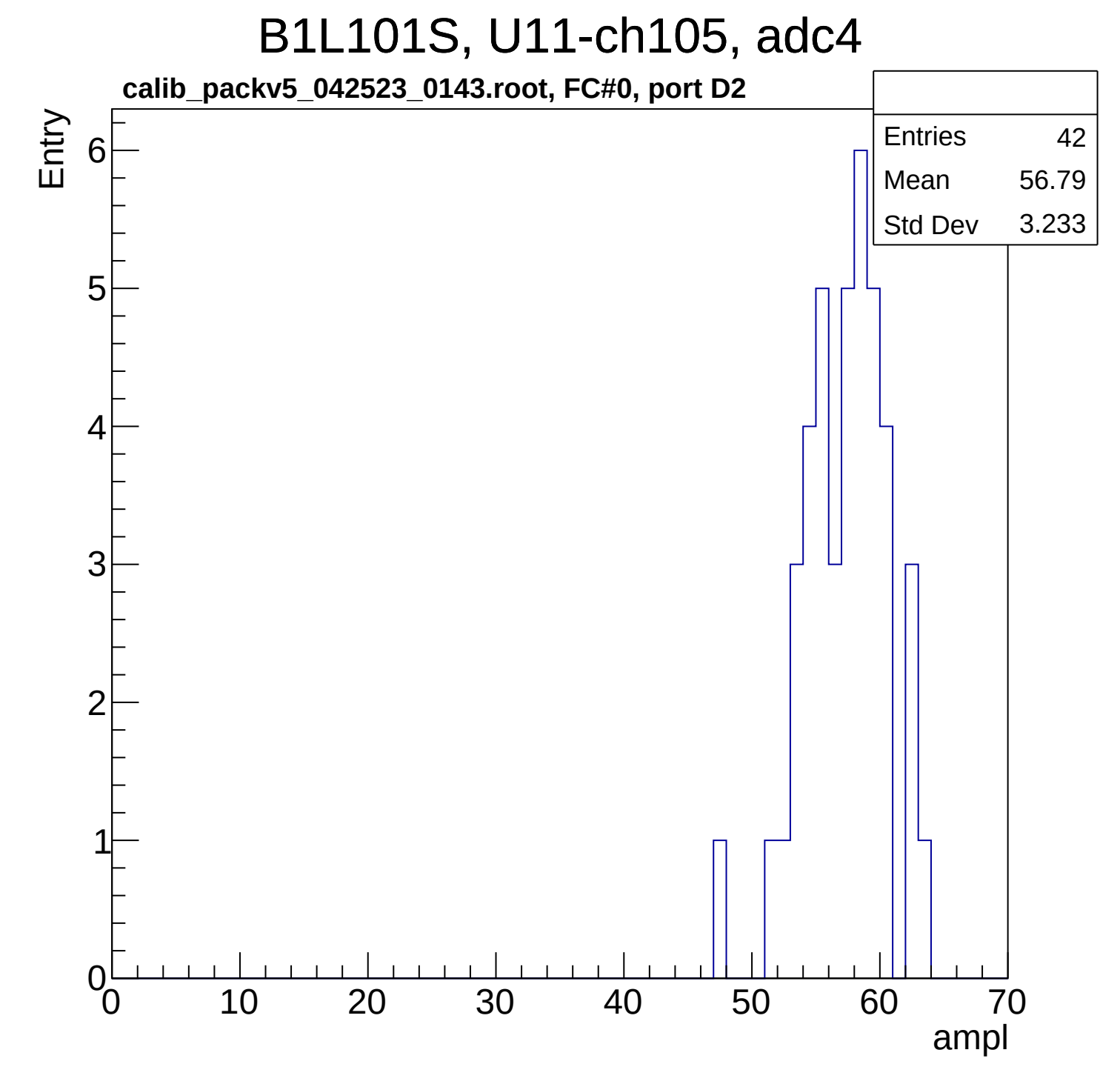

B1L101S, U11-ch105, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 80
Mean 36.24
Std Dev 3.497
Gaus mean : 36.9472
Gaus Width: 3.4800
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch105, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 44.1
Std Dev 3.557
Gaus mean : 44.4828
Gaus Width: 3.9513
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch105, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 50.55
Std Dev 3.325
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch105, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 42
Mean 56.79
Std Dev 3.233
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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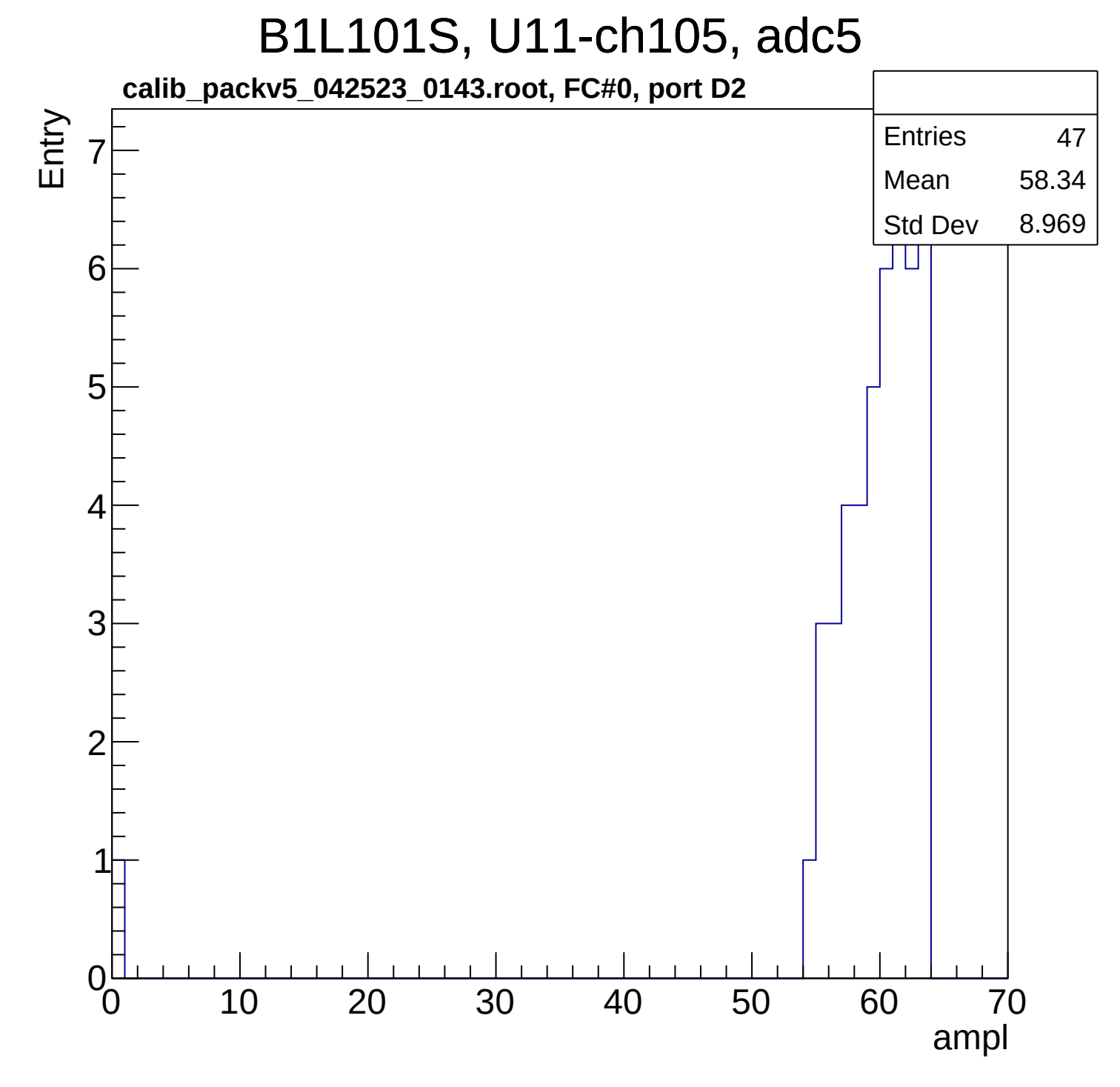
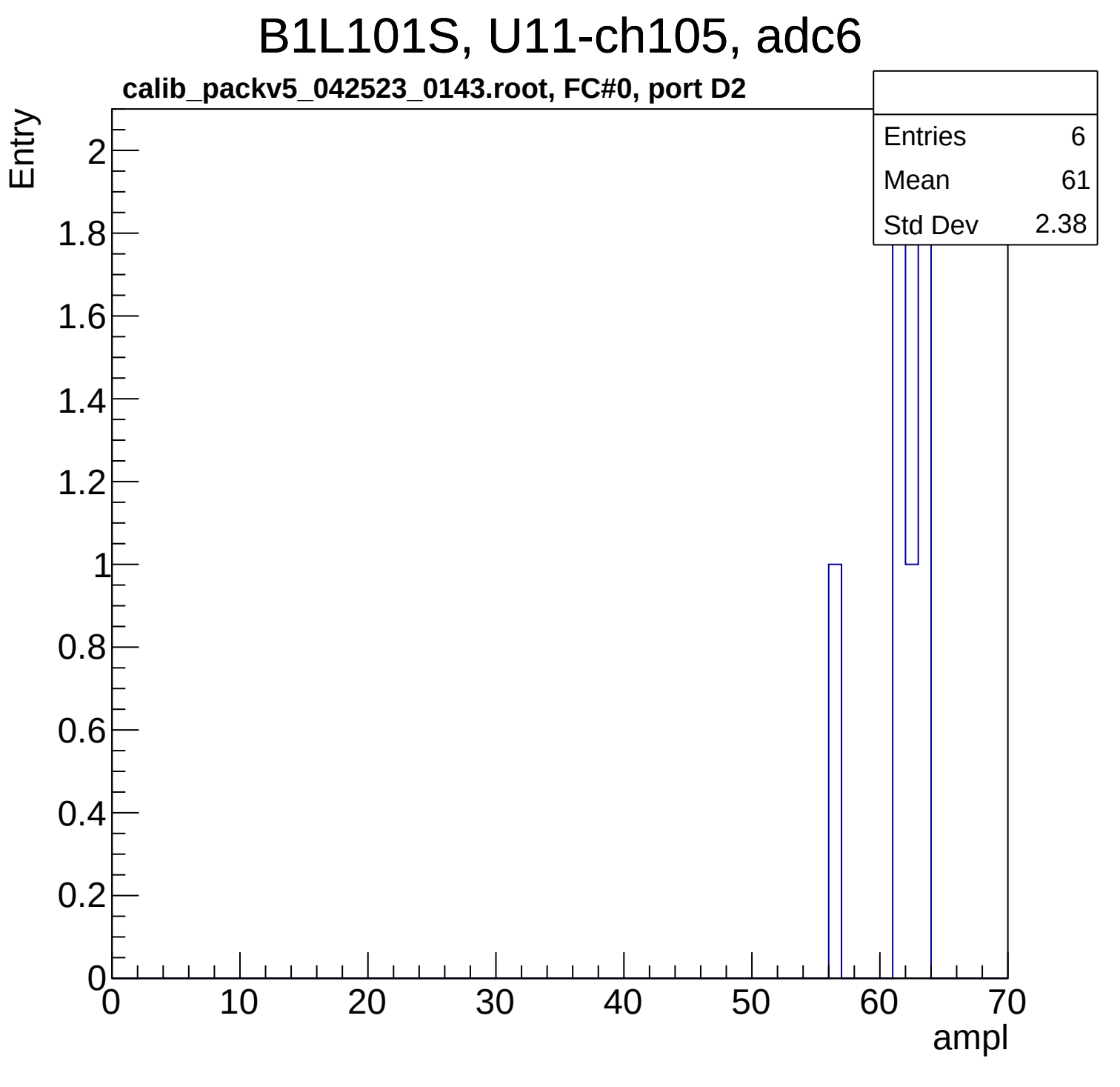
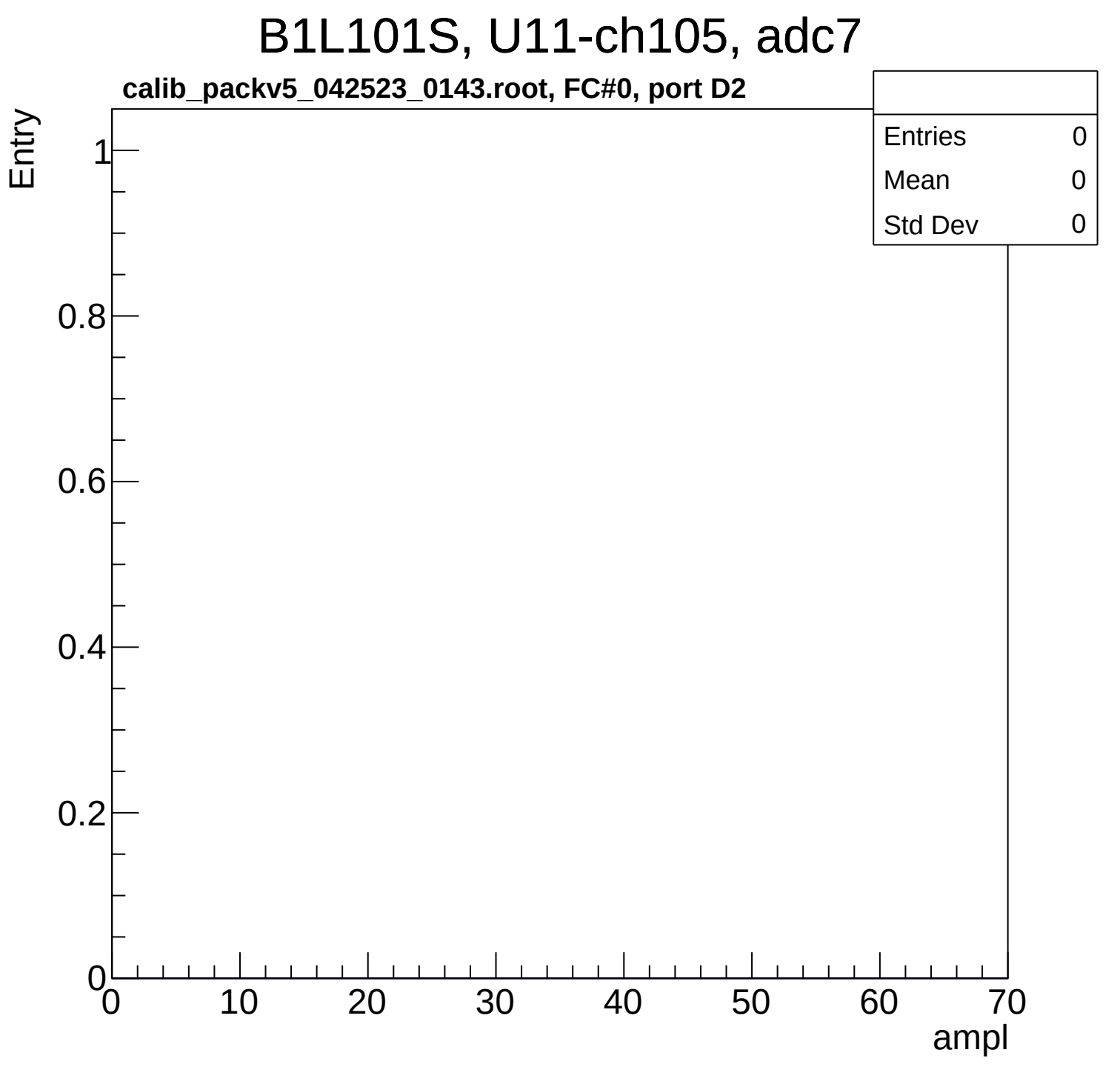
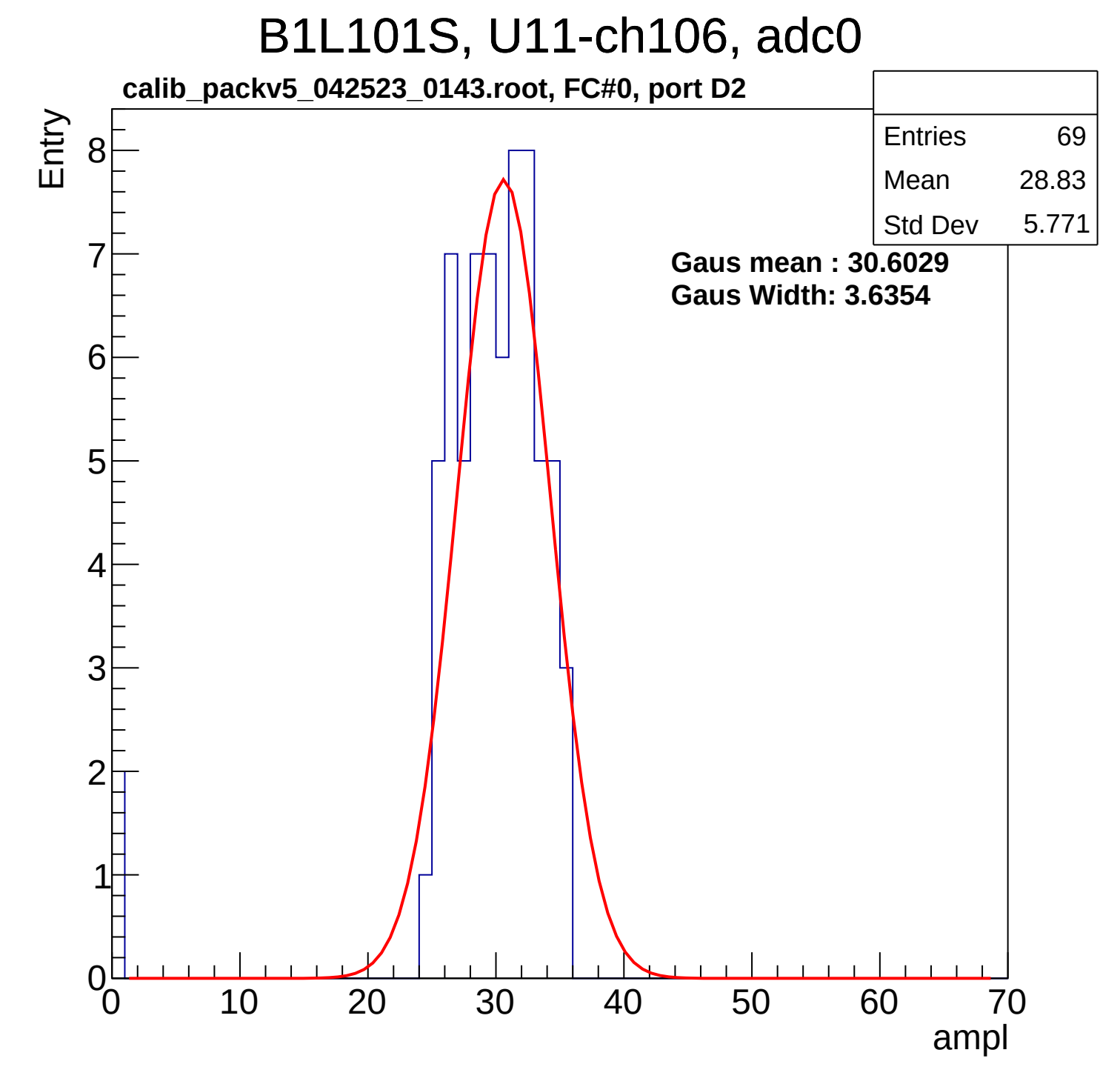
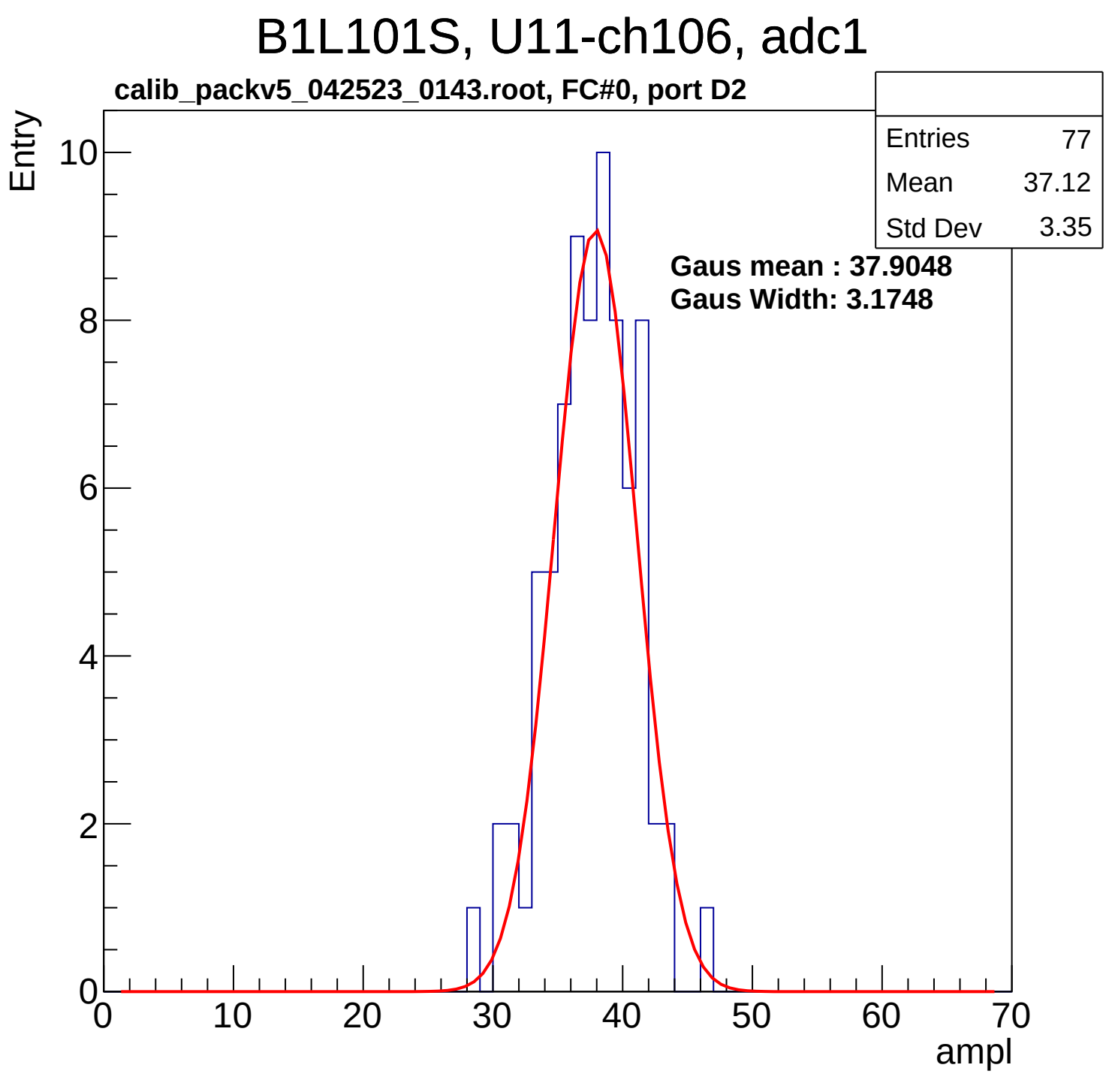
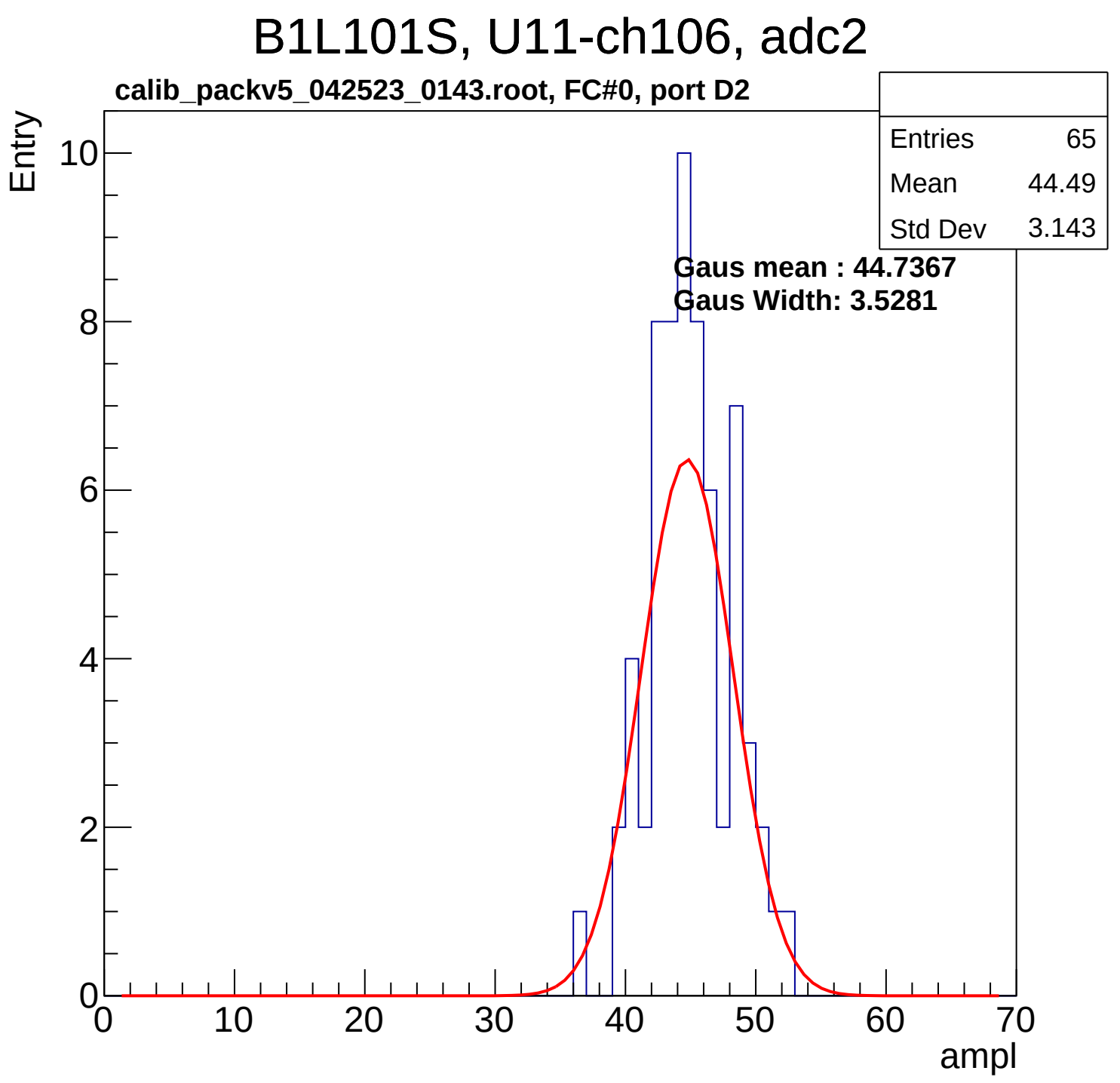

B1L101S, U11-ch105, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 47
Mean 58.34
Std Dev 8.969
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

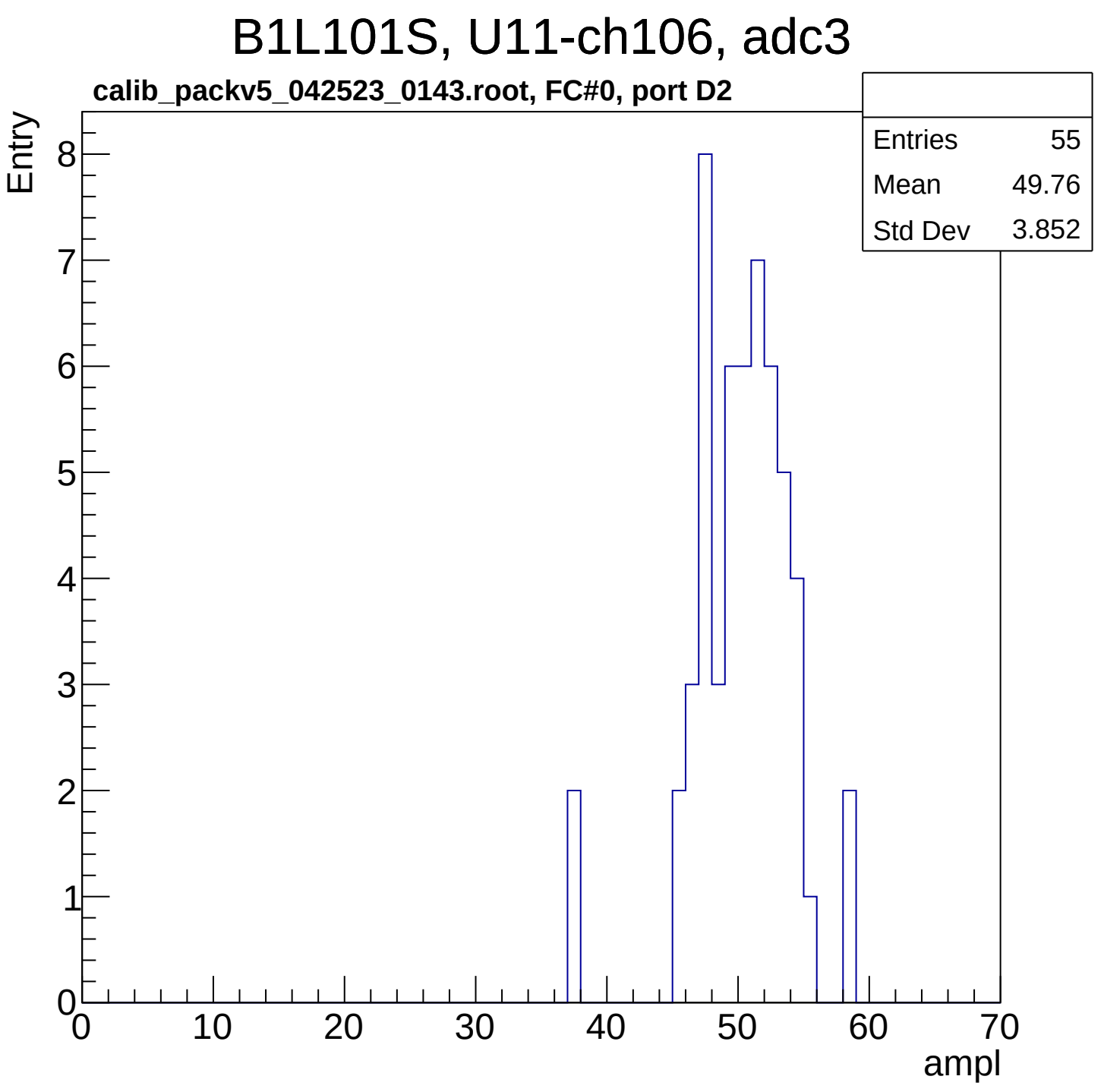

B1L101S, U11-ch105, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 6
Mean 61
Std Dev 2.38
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U11-ch105, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch106, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 28.83
Std Dev 5.771
Gaus mean : 30.6029
Gaus Width: 3.6354
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch106, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 77
Mean 37.12
Std Dev 3.35
Gaus mean : 37.9048
Gaus Width: 3.1748
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch106, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 44.49
Std Dev 3.143
Gaus mean : 44.7367
Gaus Width: 3.5281
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch106, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 49.76
Std Dev 3.852
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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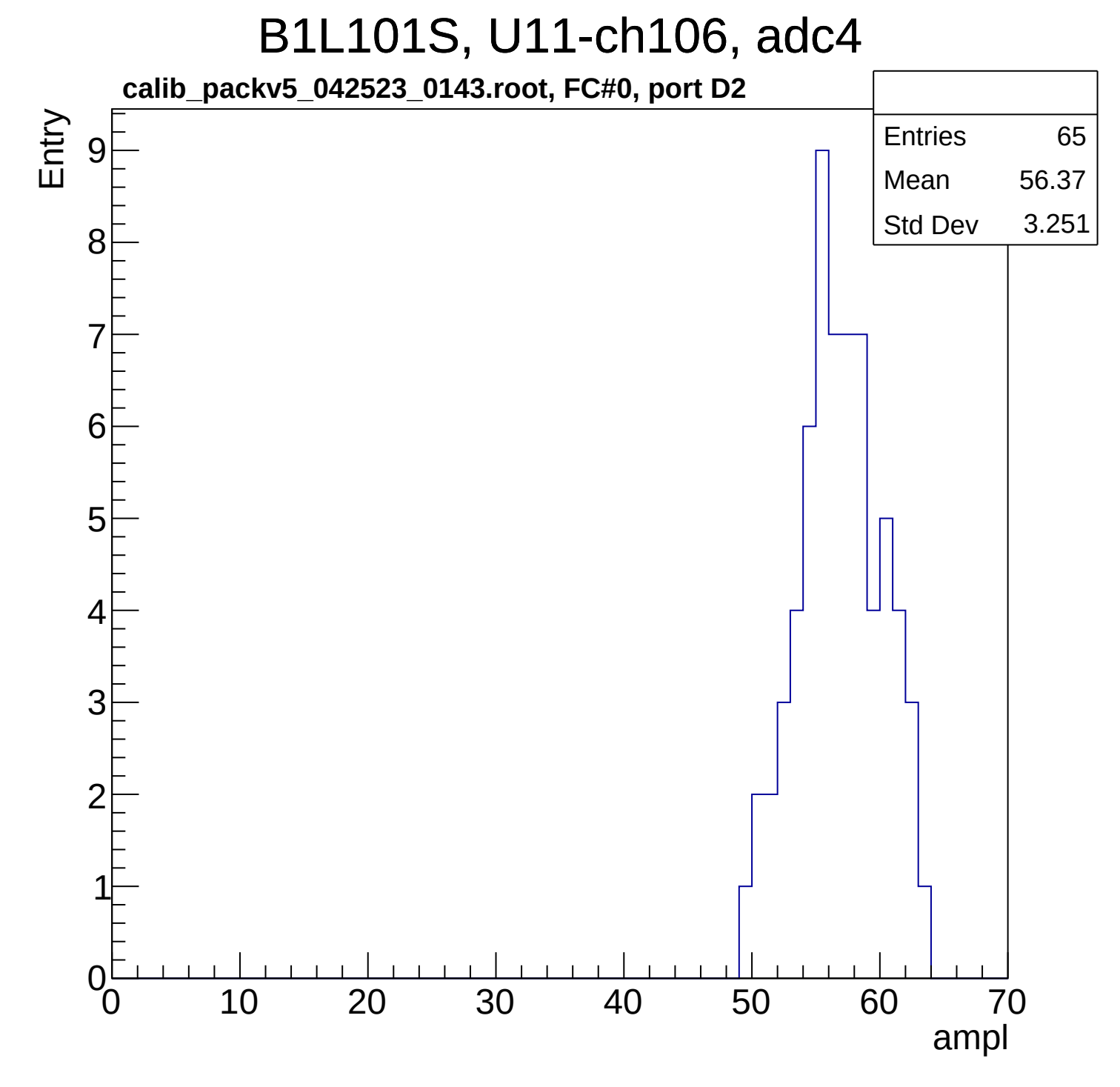
B1L101S, U11-ch106, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 56.37
Std Dev 3.251
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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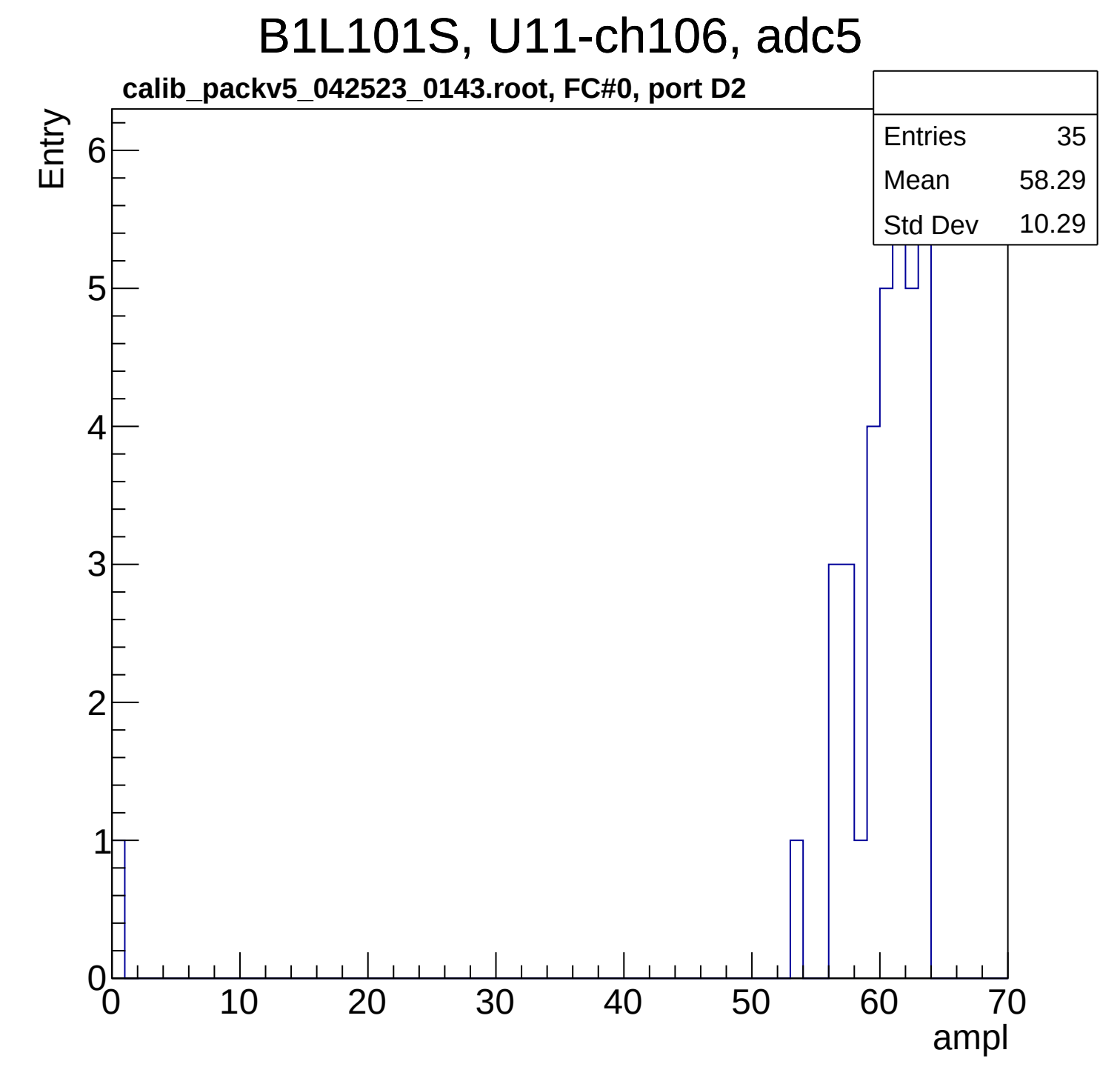
B1L101S, U11-ch106, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 35
Mean 58.29
Std Dev 10.29
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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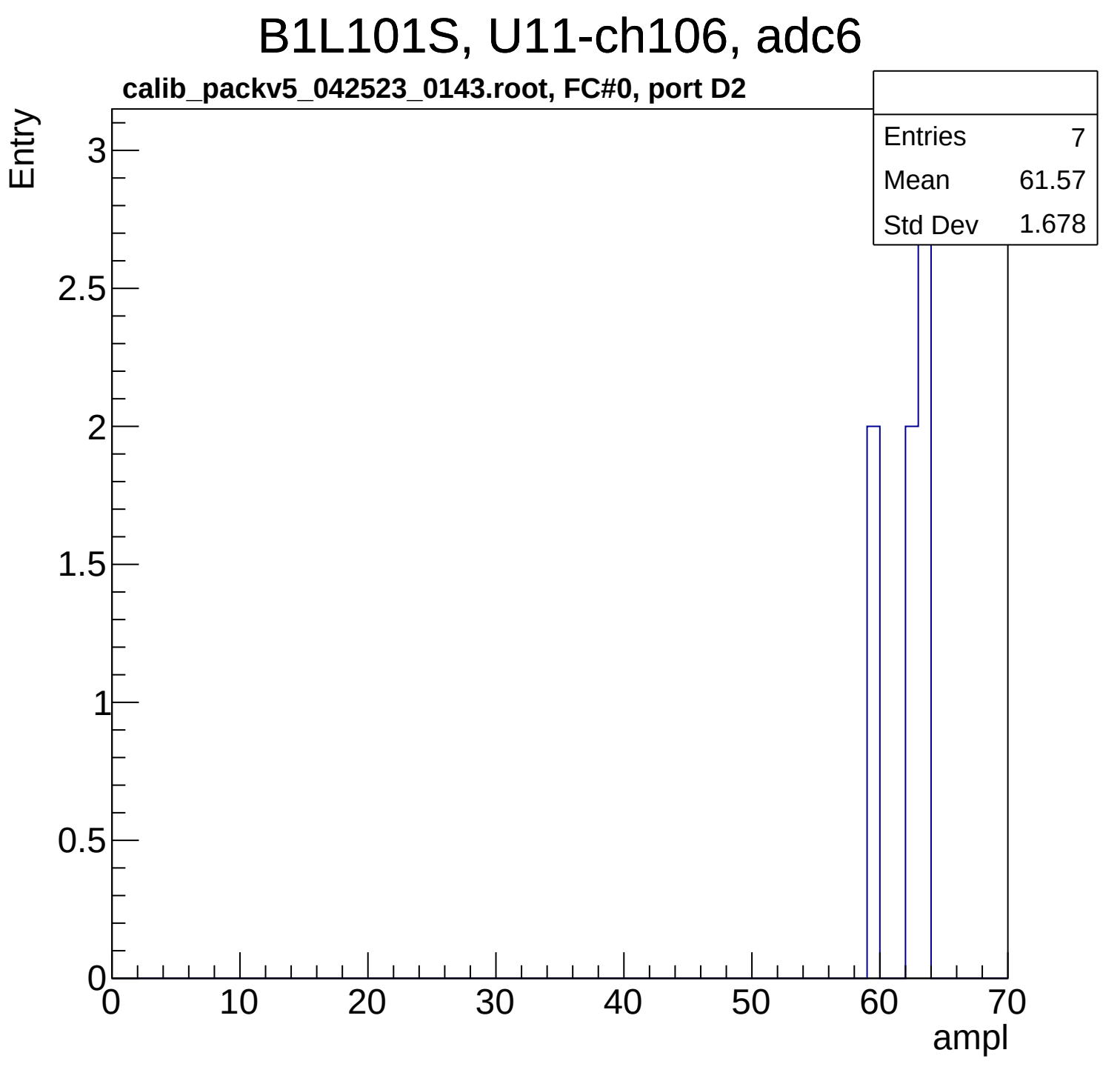
B1L101S, U11-ch106, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 7
Mean 61.57
Std Dev 1.678
Entry
ampl
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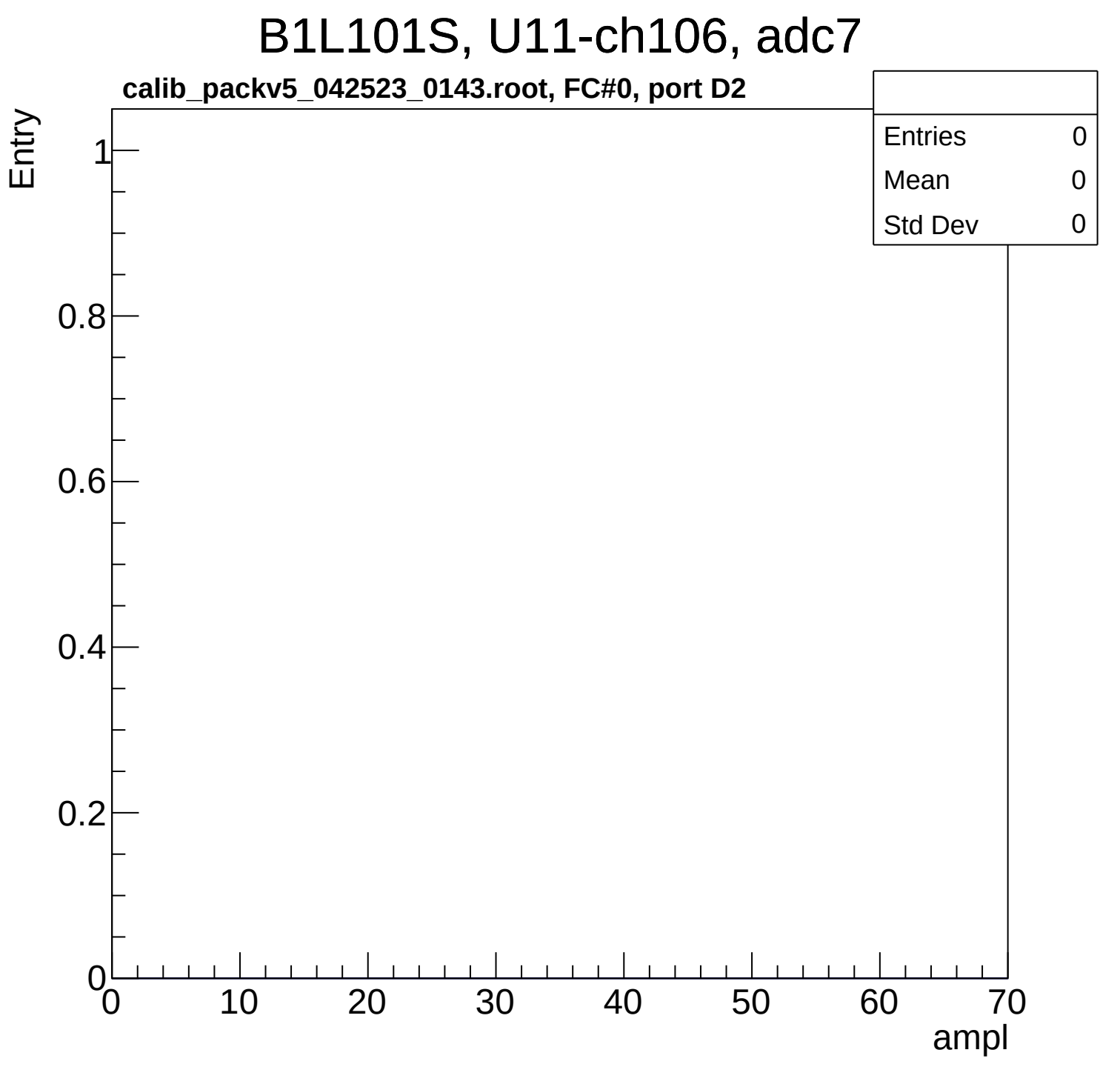
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L101S, U11-ch106, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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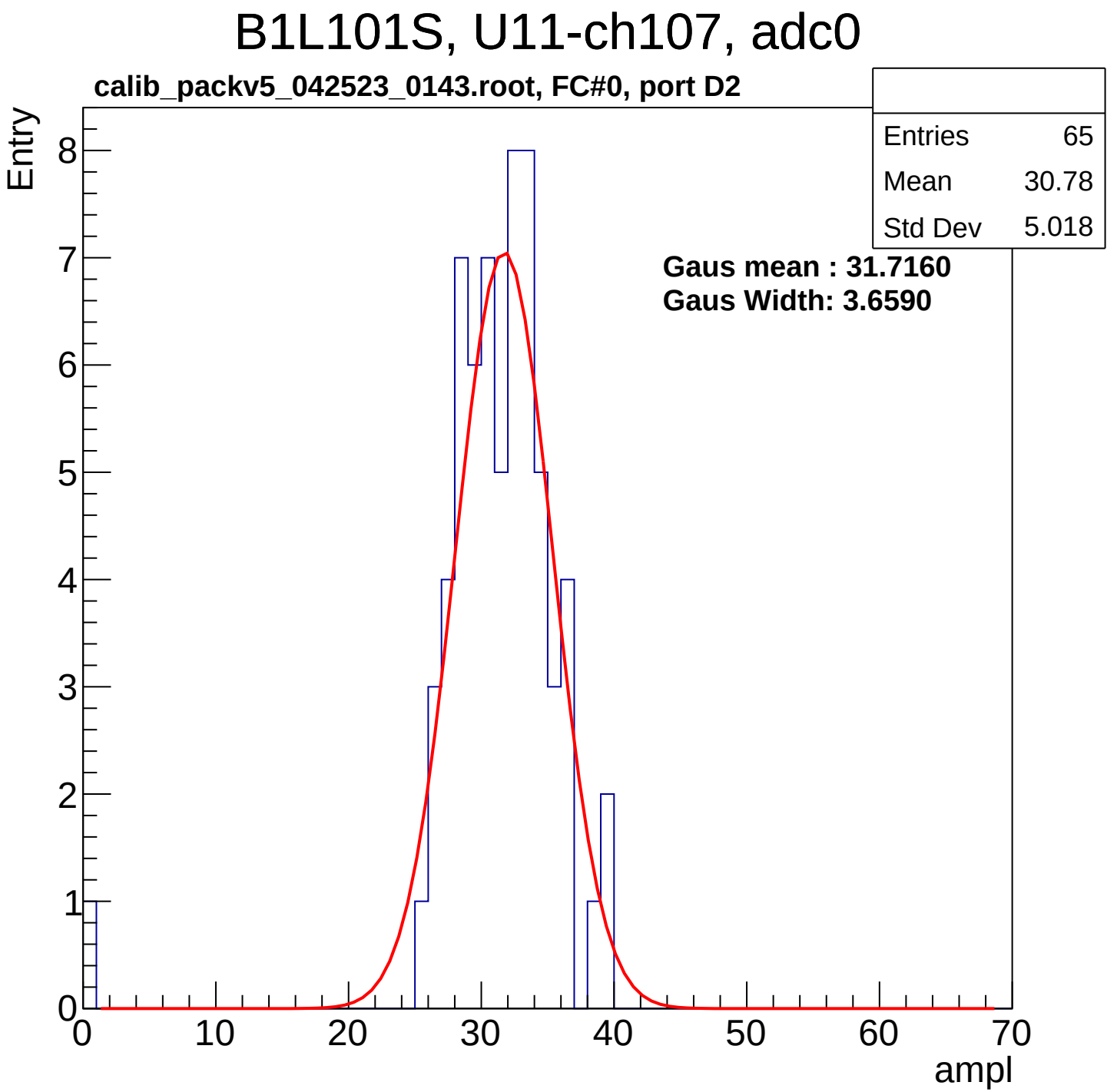
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch107, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 30.78
Std Dev 5.018
Gaus mean : 31.7160
Gaus Width: 3.6590
Entry
ampl
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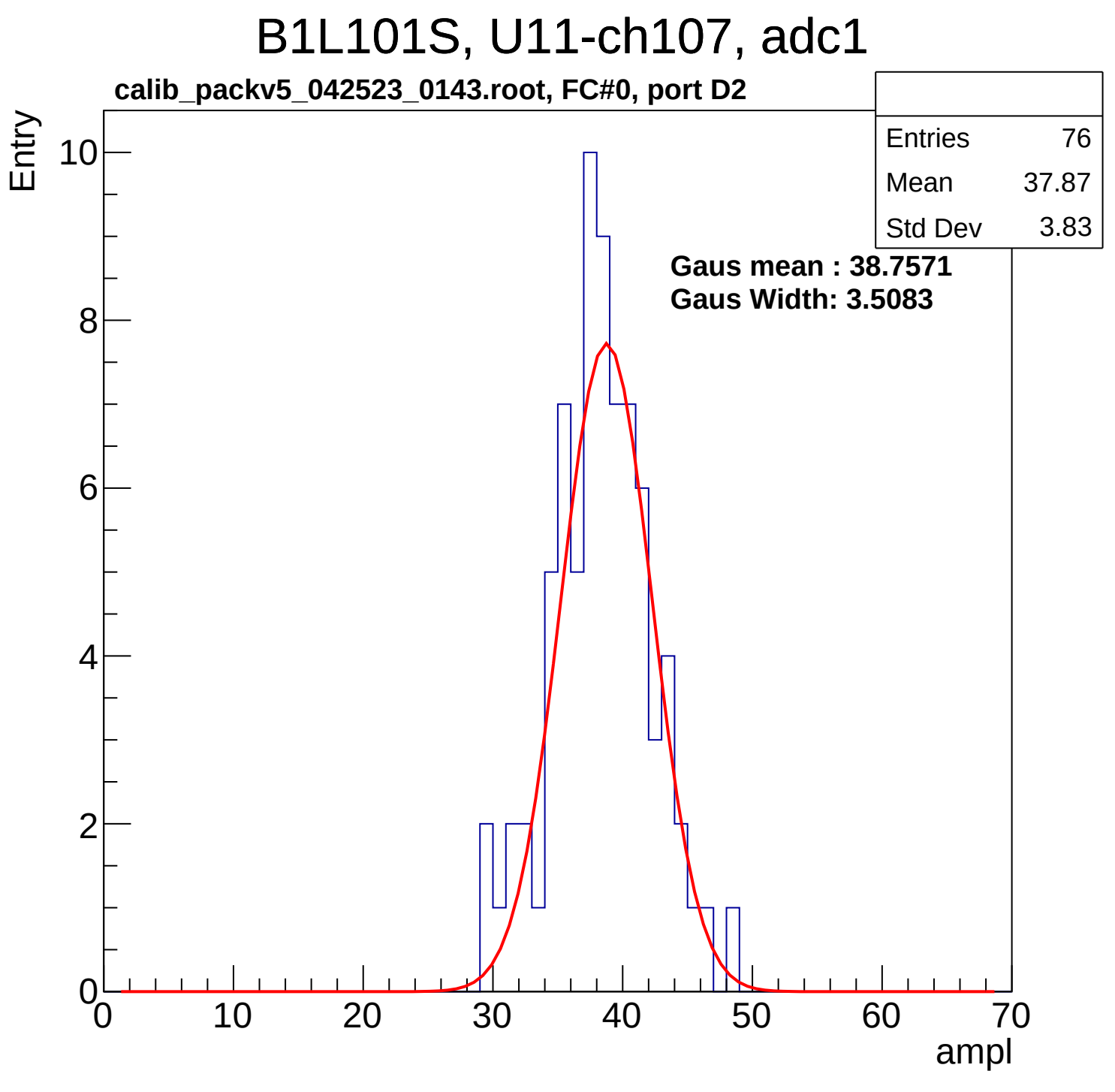
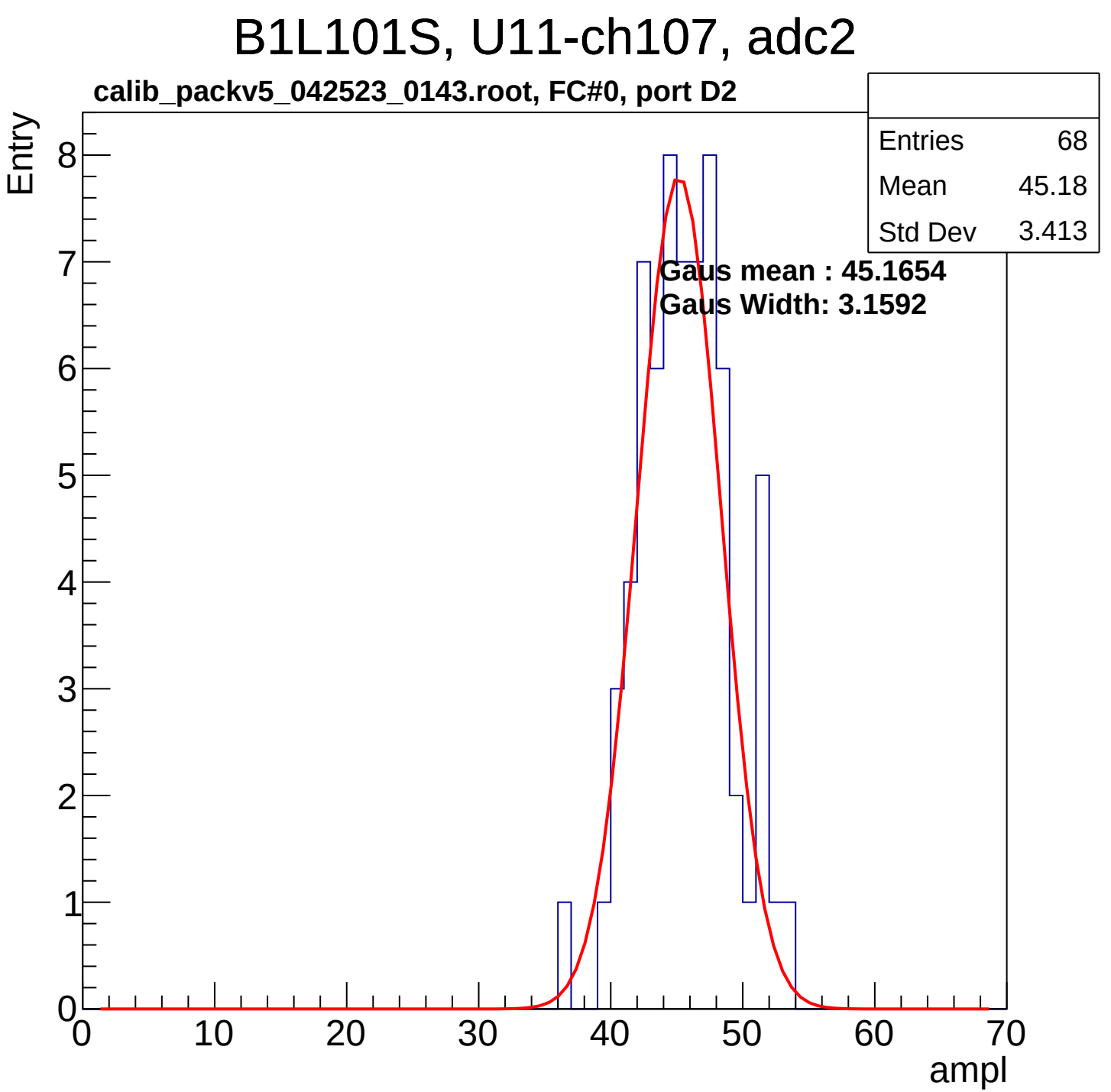
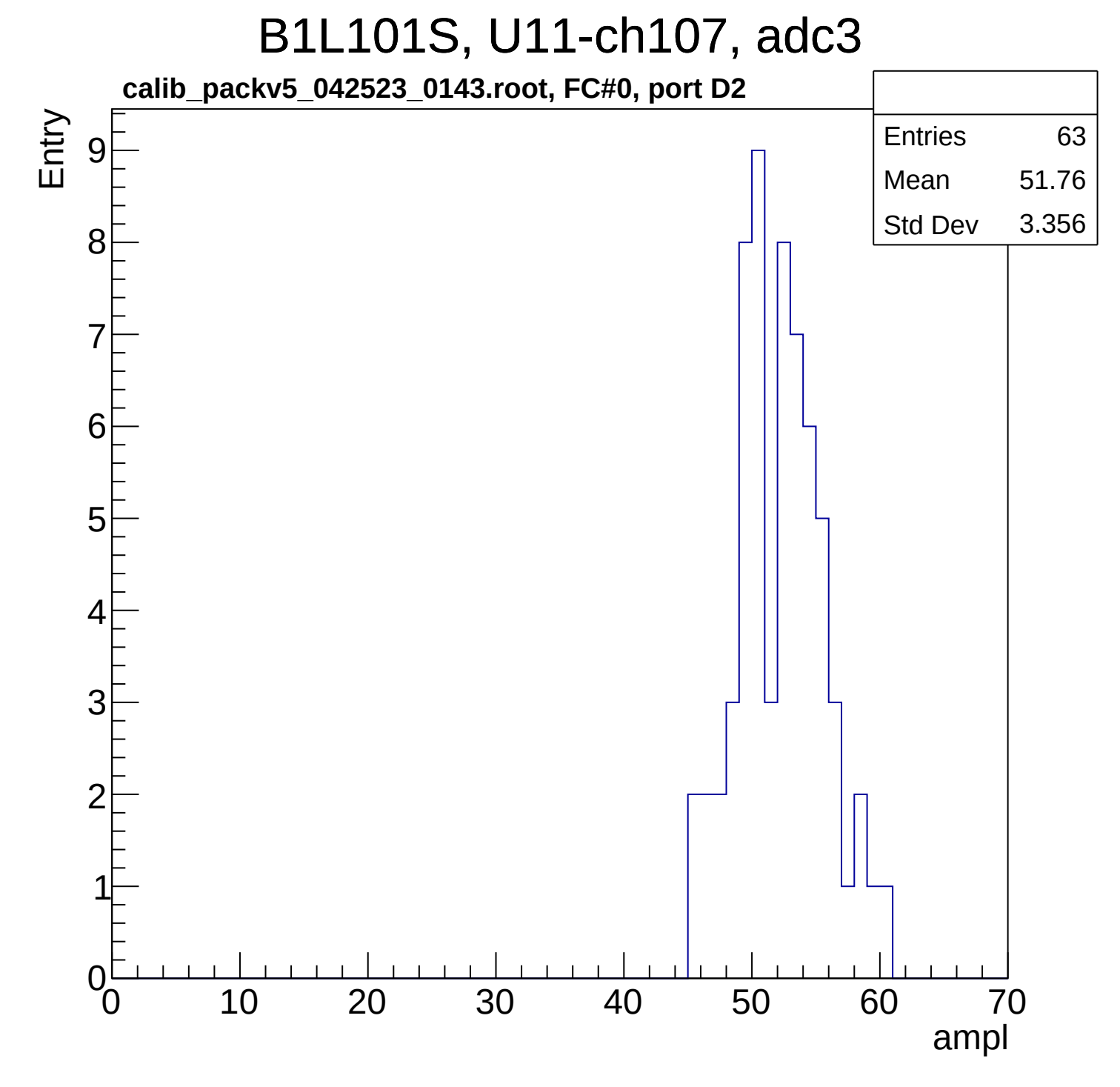
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch107, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 37.87
Std Dev 3.83
Gaus mean : 38.7571
Gaus Width: 3.5083
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch107, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 45.18
Std Dev 3.413
Gaus mean : 45.1654
Gaus Width: 3.1592
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch107, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 51.76
Std Dev 3.356
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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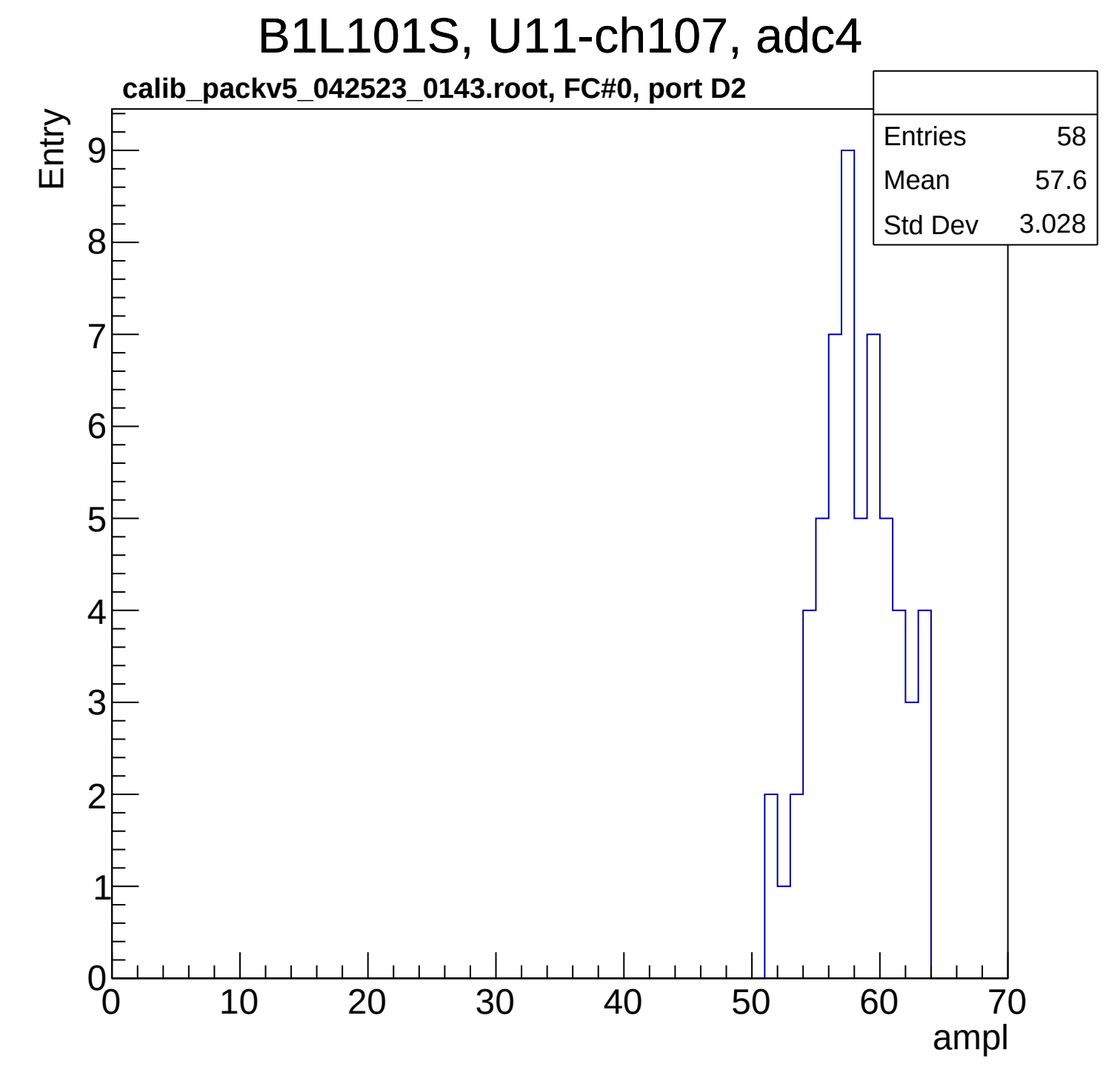
B1L101S, U11-ch107, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 57.6
Std Dev 3.028
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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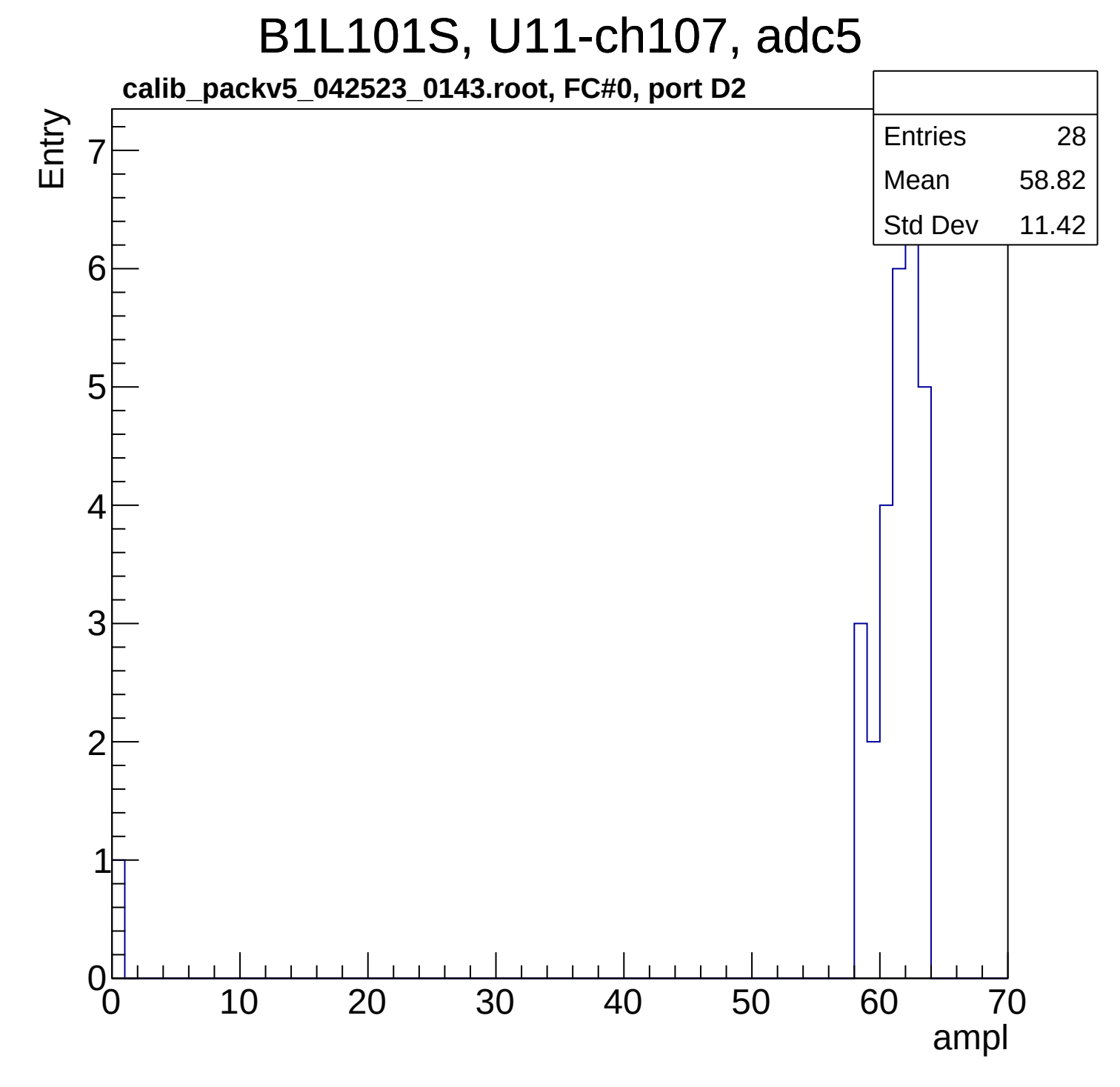
B1L101S, U11-ch107, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 28
Mean 58.82
Std Dev 11.42
Entry
ampl
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3
4
5
6
7
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40
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60
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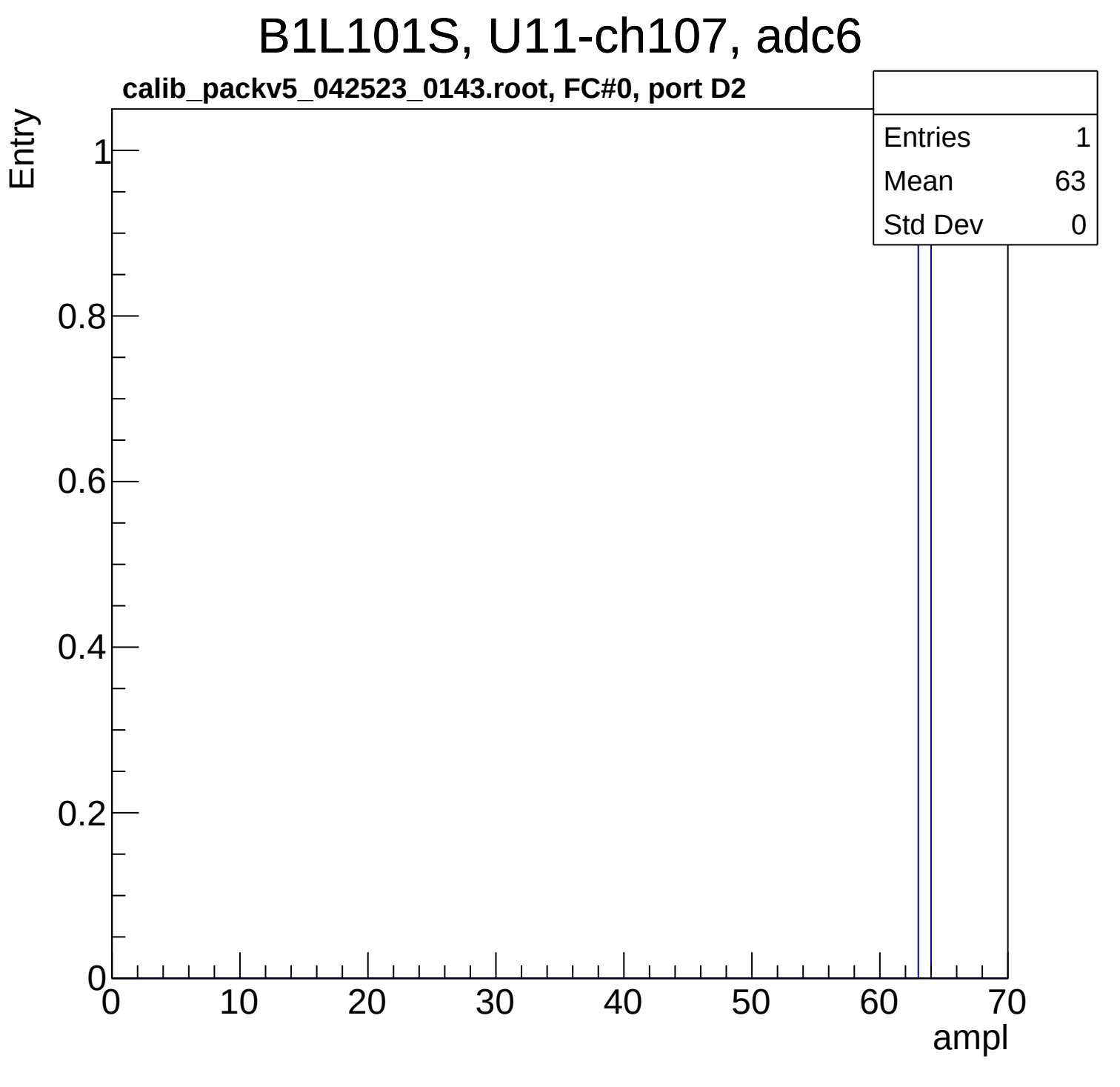
B1L101S, U11-ch107, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 63
Std Dev 0
Entry
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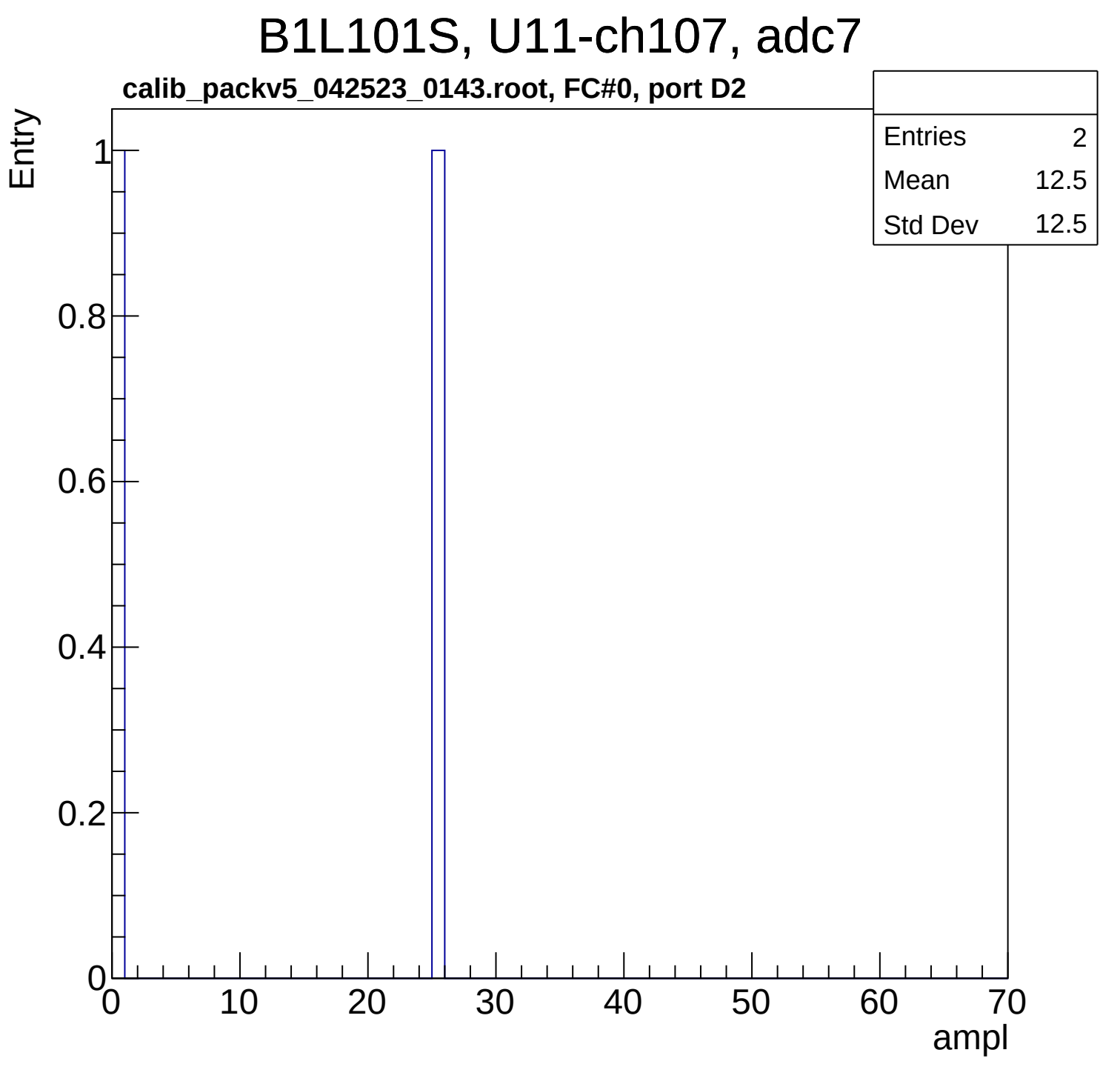
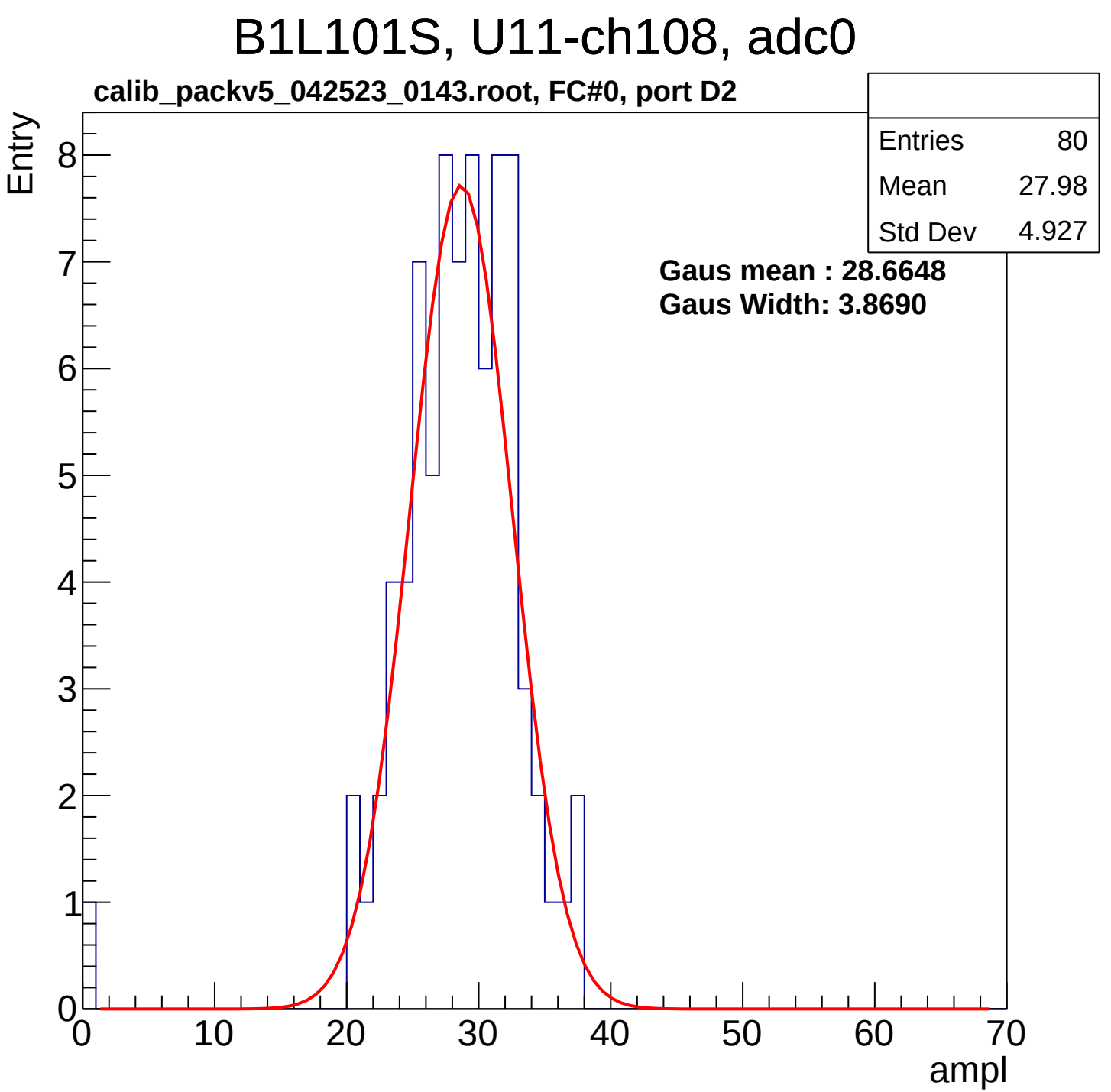
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch107, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch108, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 80
Mean 27.98
Std Dev 4.927
Gaus mean : 28.6648
Gaus Width: 3.8690
Entry
ampl
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2
3
4
5
6
7
8
0
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40
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60
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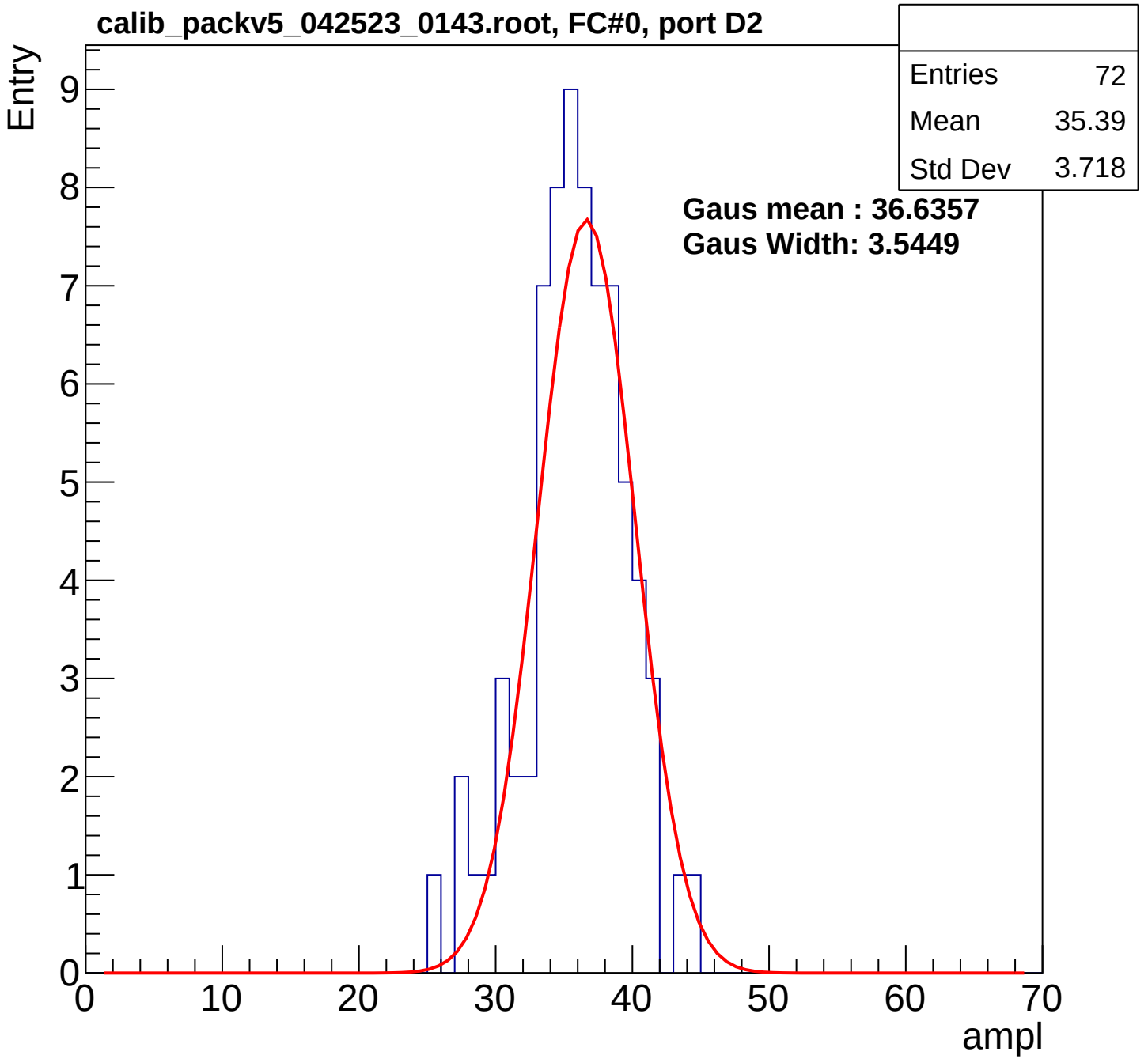
B1L101S, U11-ch108, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 35.39
Std Dev 3.718
Gaus mean : 36.6357
Gaus Width: 3.5449
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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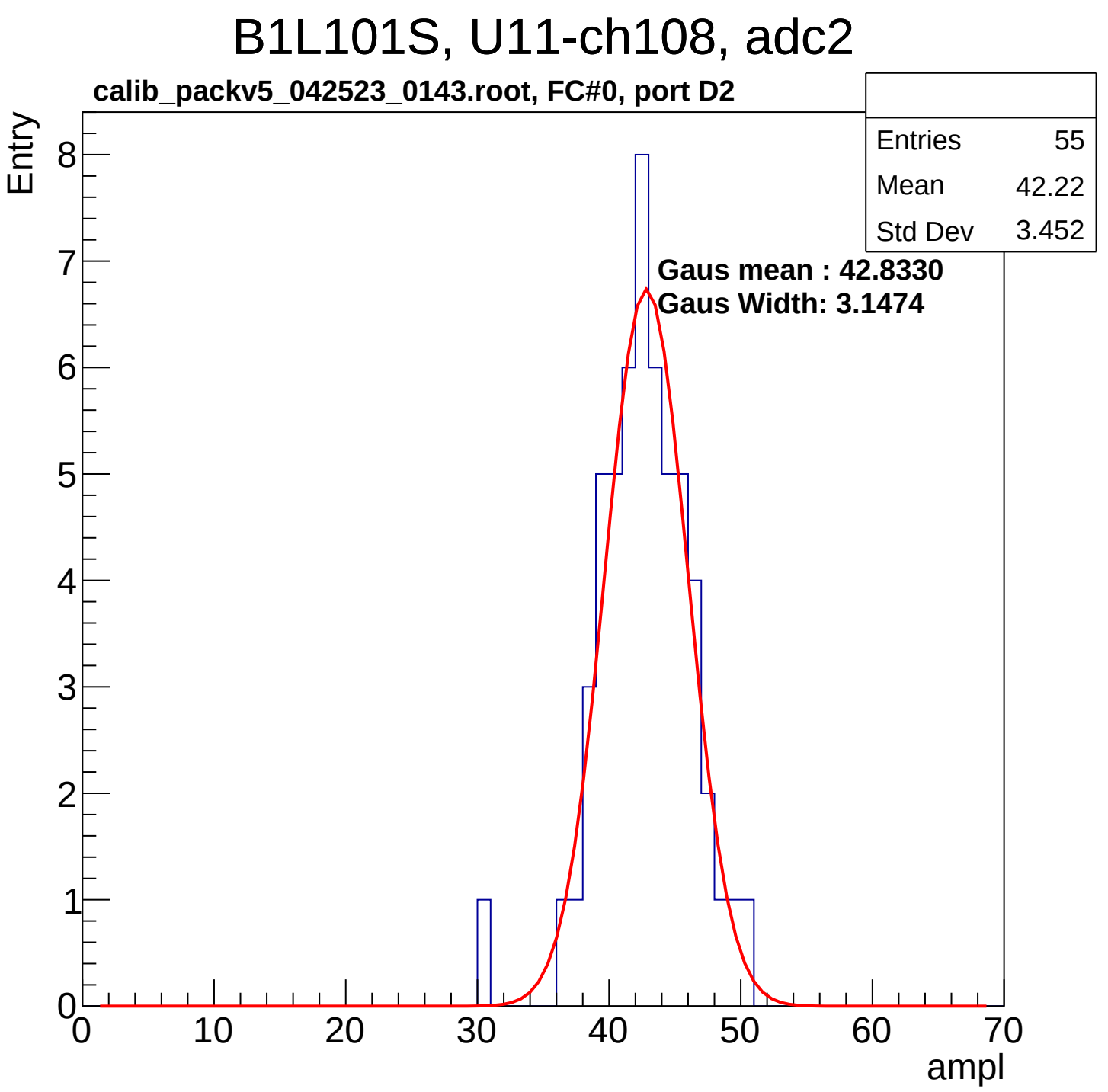
B1L101S, U11-ch108, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 42.22
Std Dev 3.452
Gaus mean : 42.8330
Gaus Width: 3.1474
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
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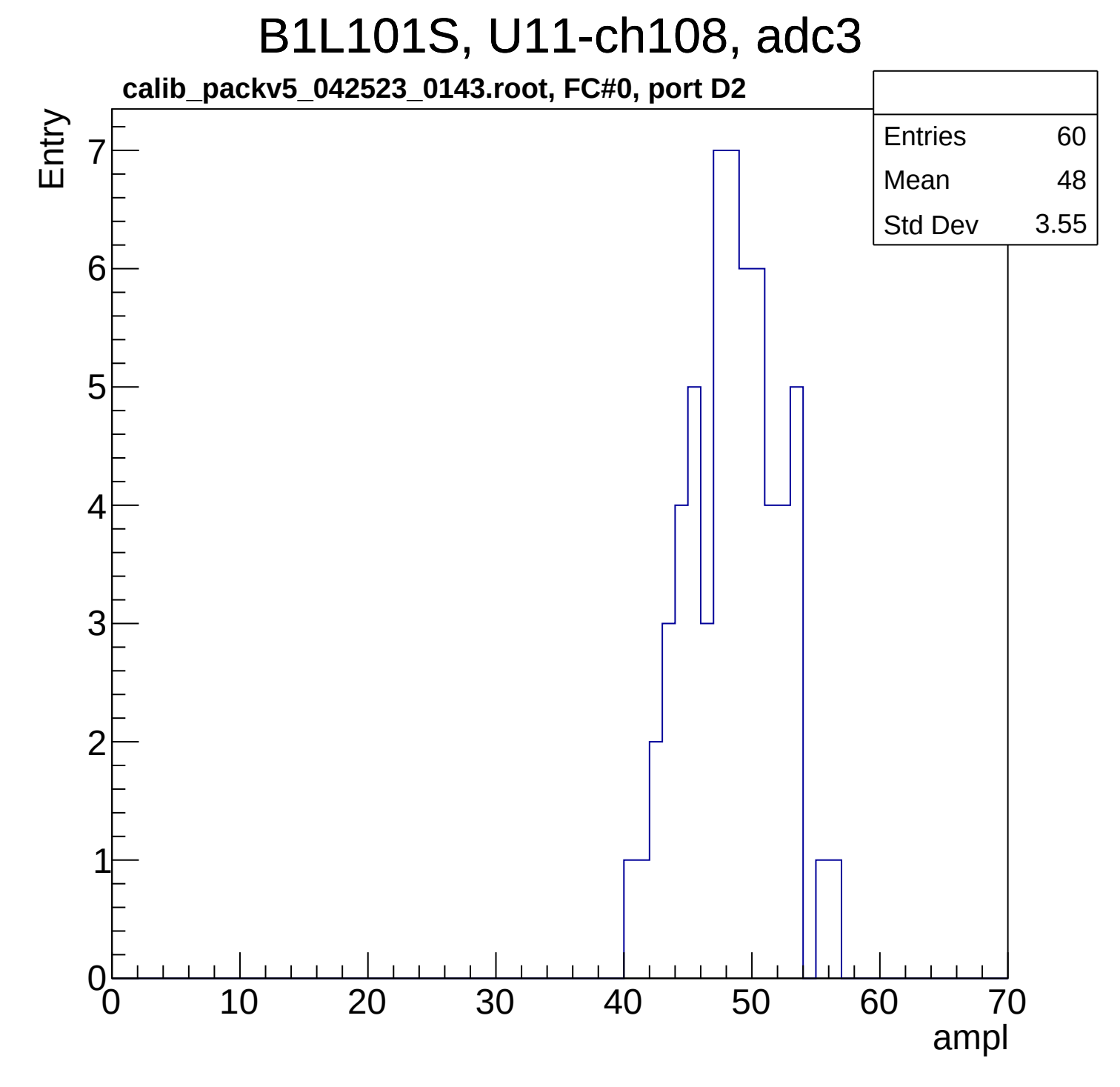
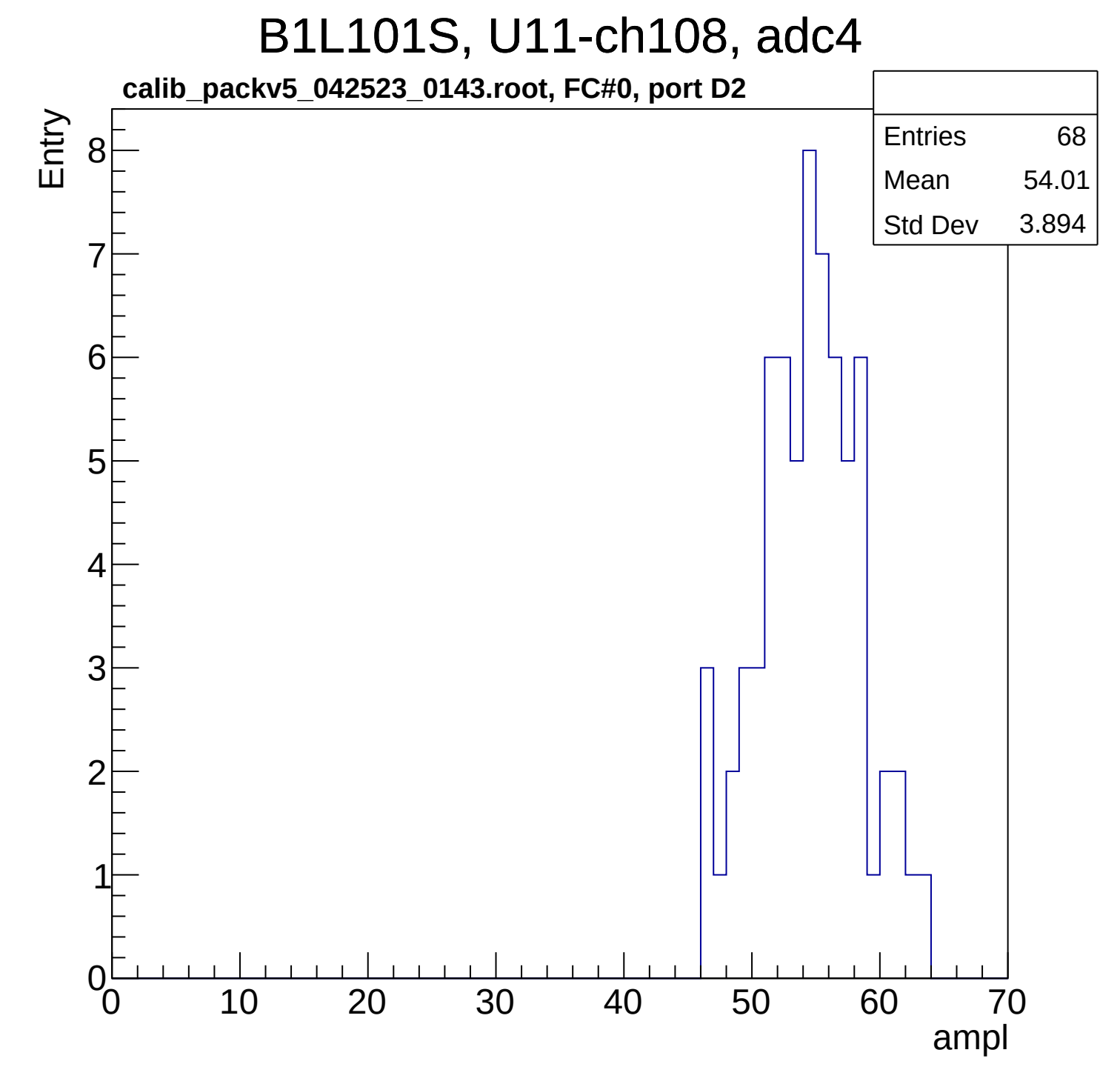

B1L101S, U11-ch108, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 48
Std Dev 3.55
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch108, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 54.01
Std Dev 3.894
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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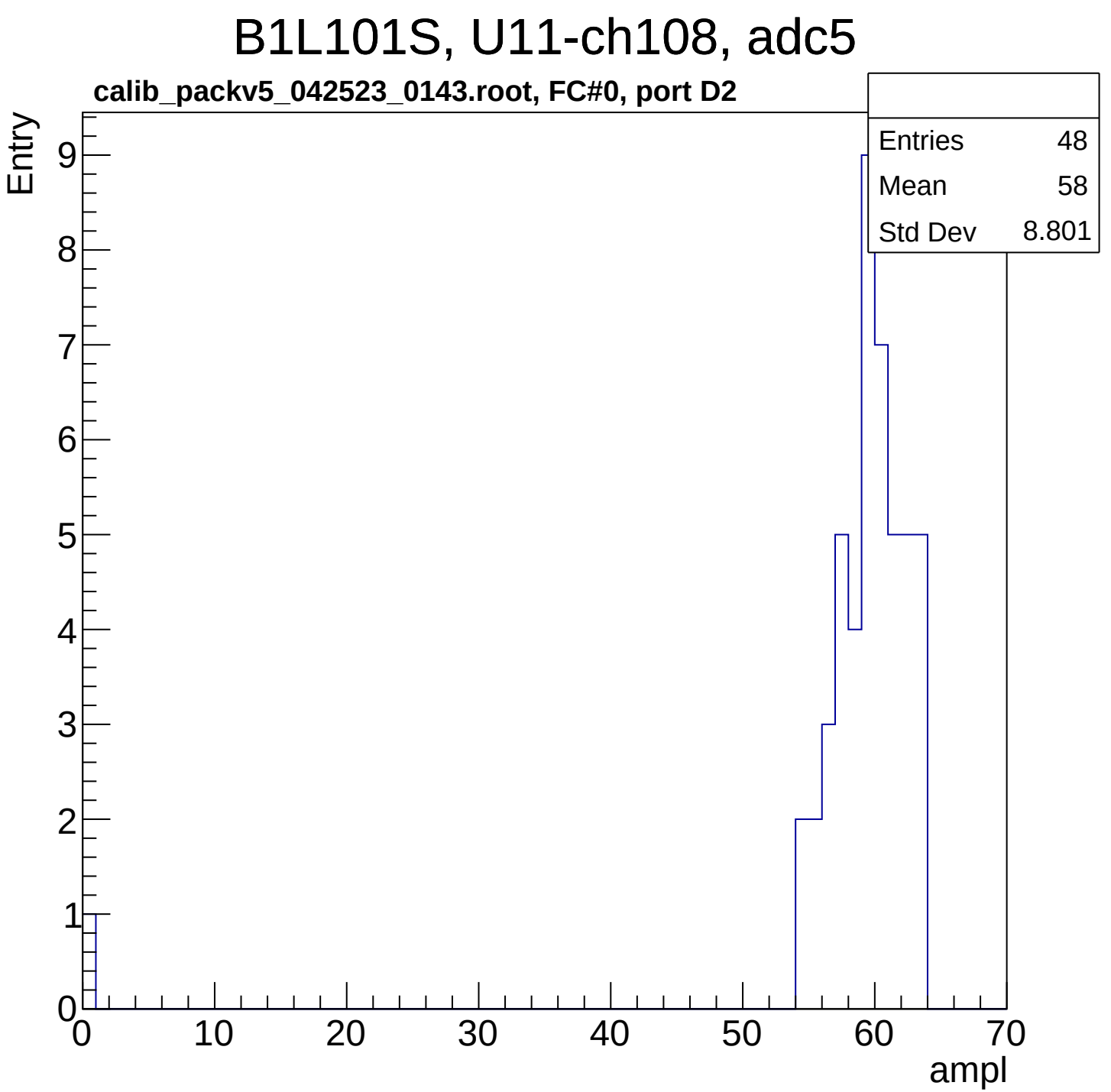
B1L101S, U11-ch108, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 48
Mean 58
Std Dev 8.801
Entry
ampl
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2
3
4
5
6
7
8
9
0
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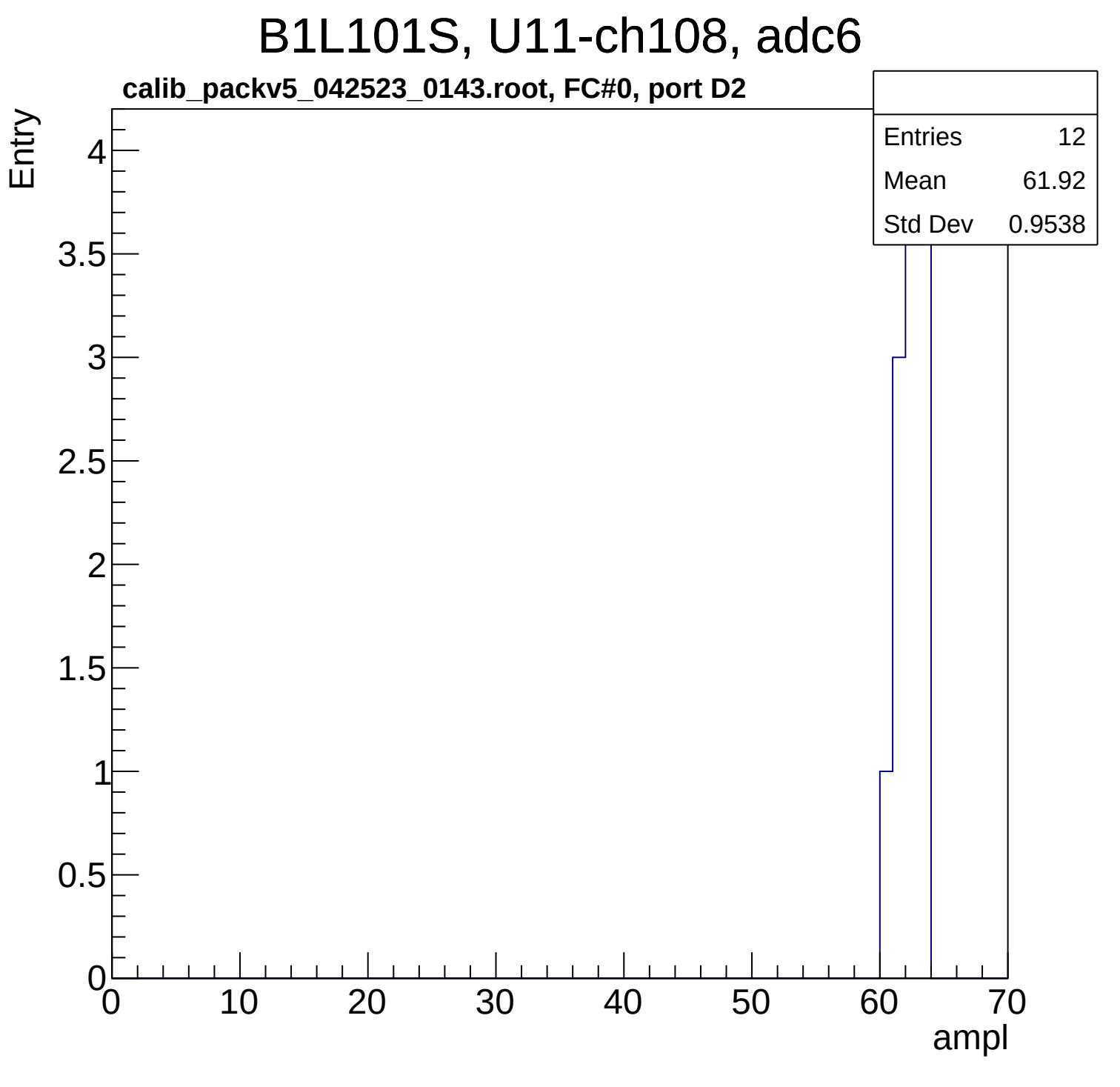
B1L101S, U11-ch108, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 12
Mean 61.92
Std Dev 0.9538
Entry
ampl
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1.5
2
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3
3.5
4
0
10
20
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40
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60
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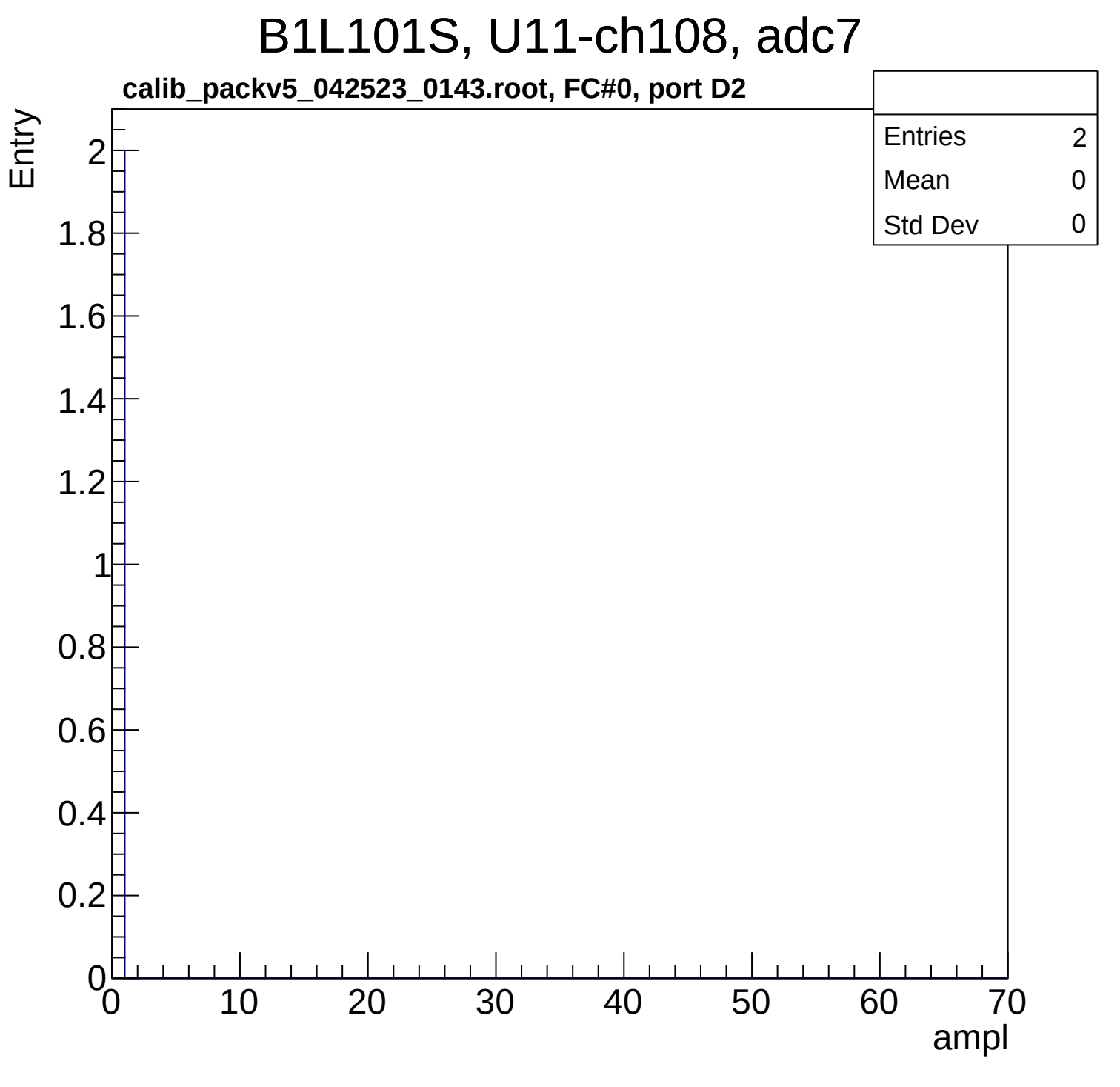
B1L101S, U11-ch108, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
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0.2
0.4
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1.2
1.4
1.6
1.8
2
0
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40
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60
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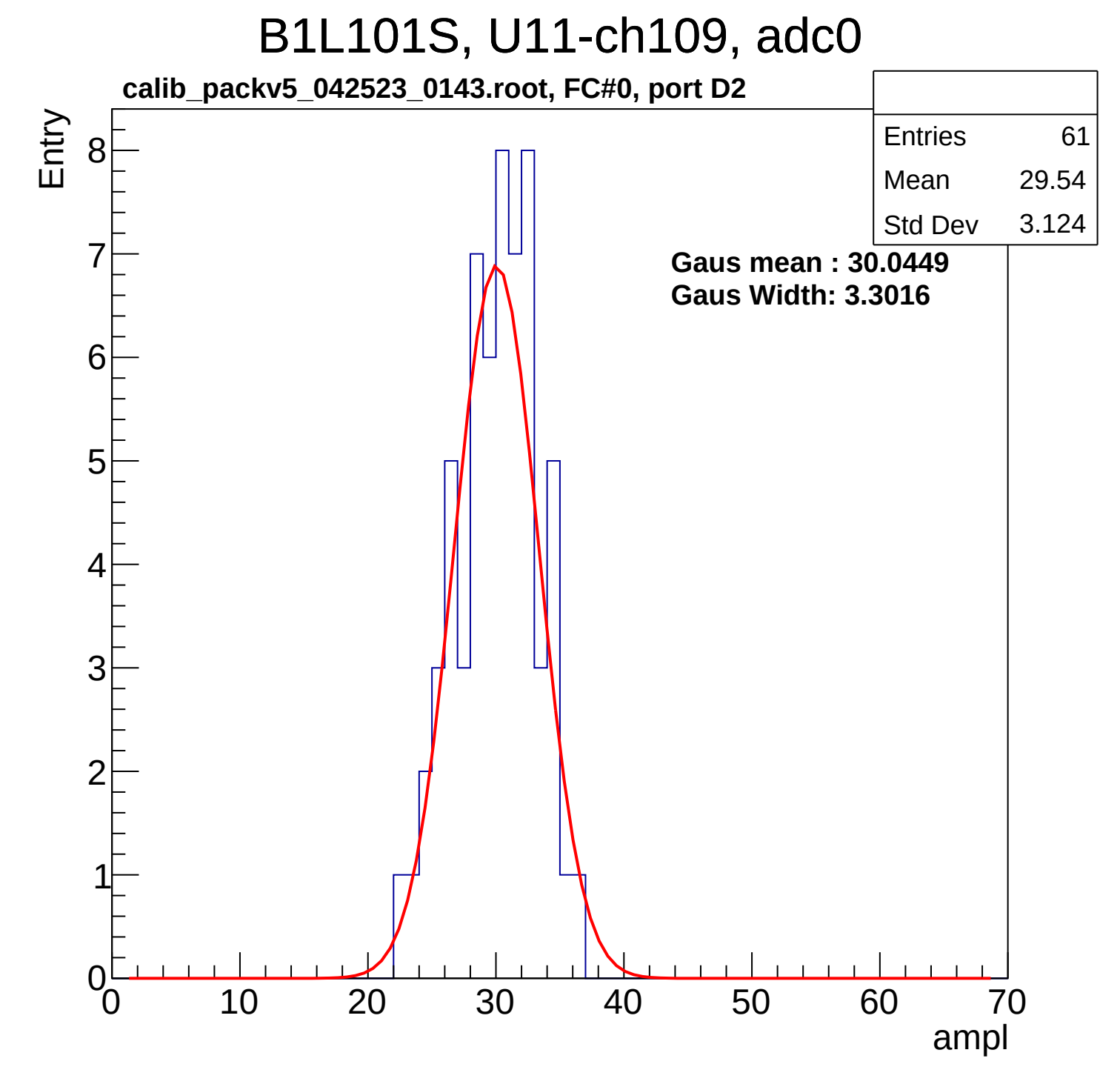
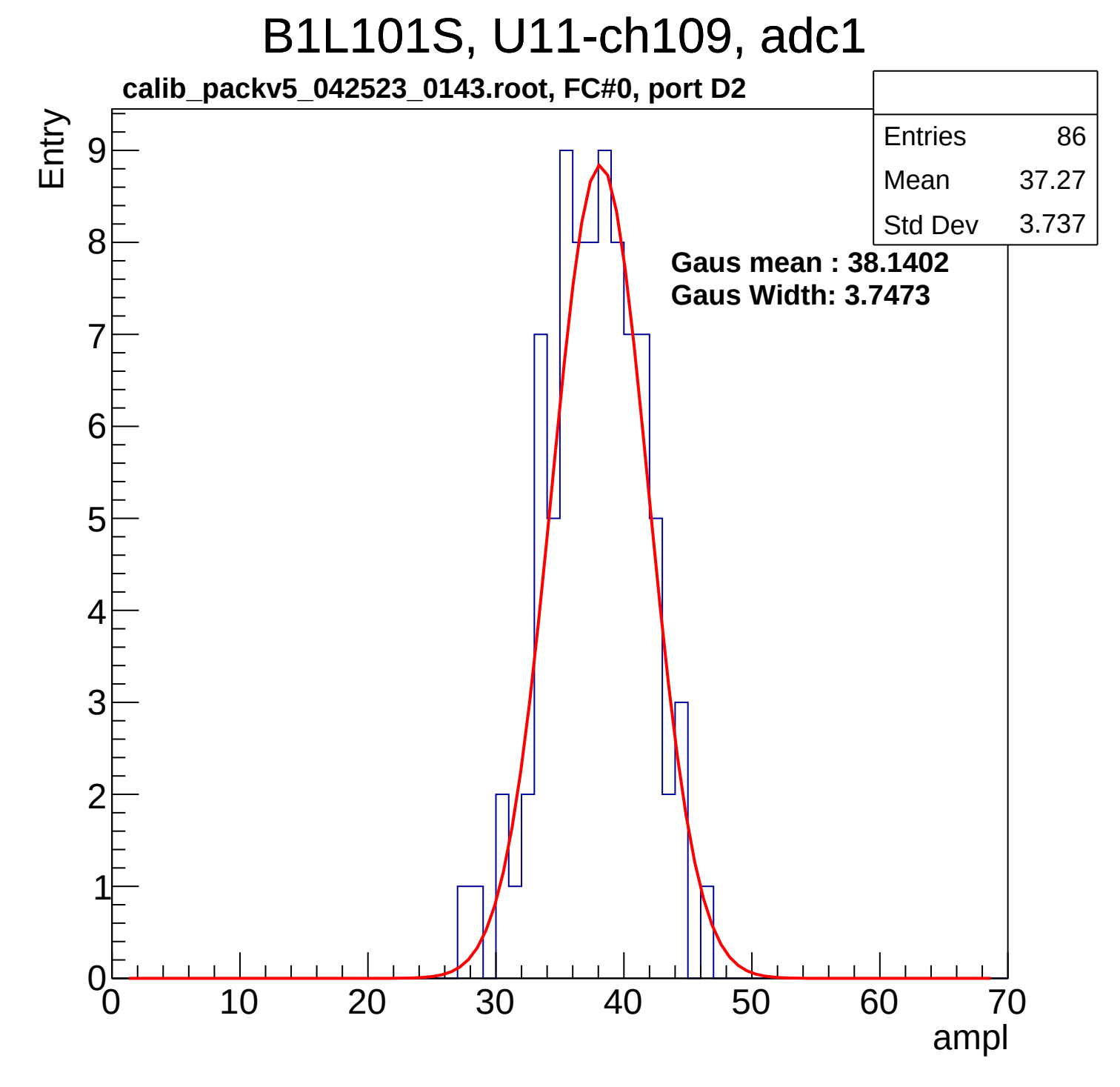

B1L101S, U11-ch109, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 29.54
Std Dev 3.124
Gaus mean : 30.0449
Gaus Width: 3.3016
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch109, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 86
Mean 37.27
Std Dev 3.737
Gaus mean : 38.1402
Gaus Width: 3.7473
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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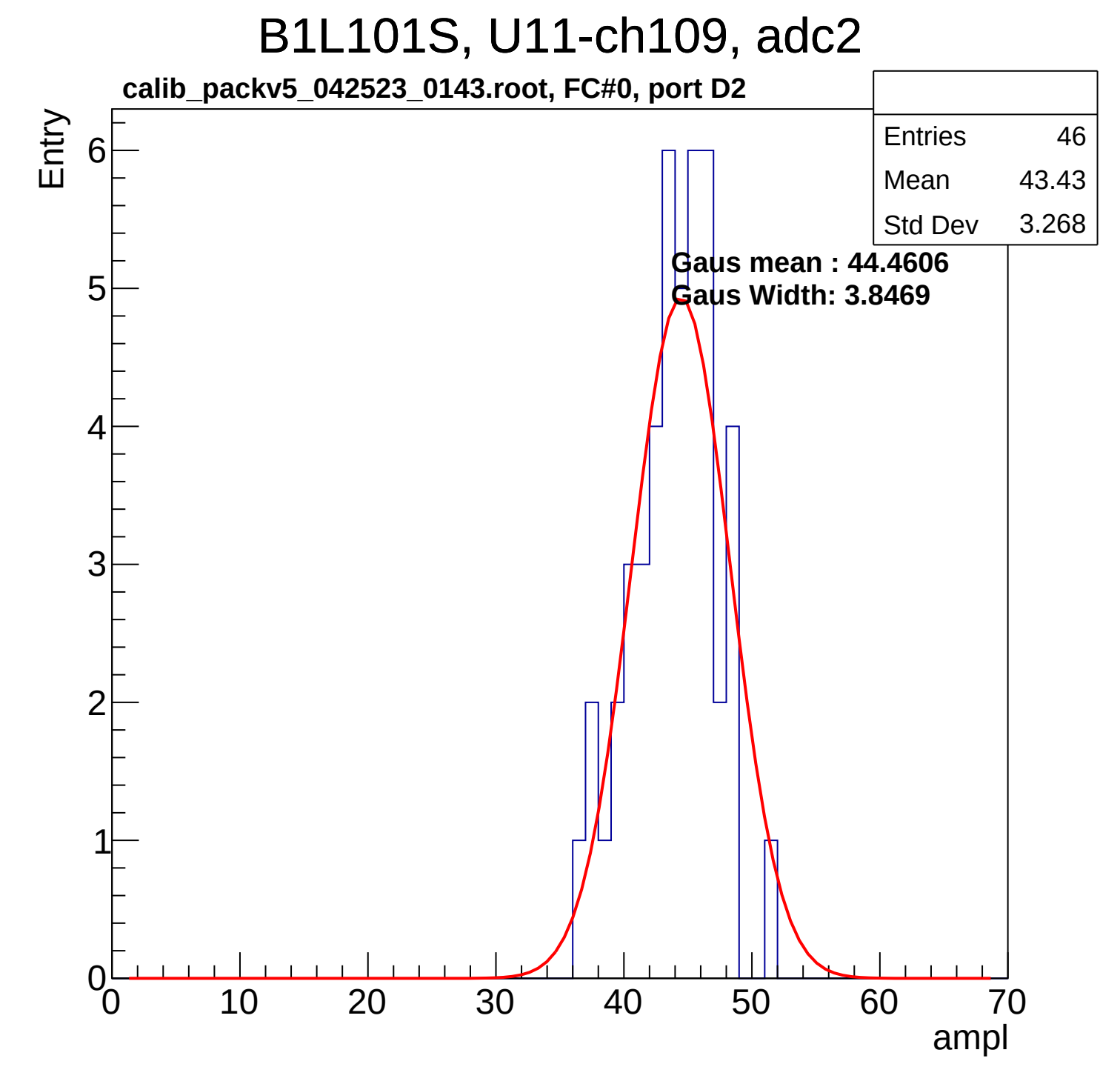
B1L101S, U11-ch109, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 46
Mean 43.43
Std Dev 3.268
Gaus mean : 44.4606
Gaus Width: 3.8469
Entry
ampl
0
1
2
3
4
5
6
0
10
20
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40
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60
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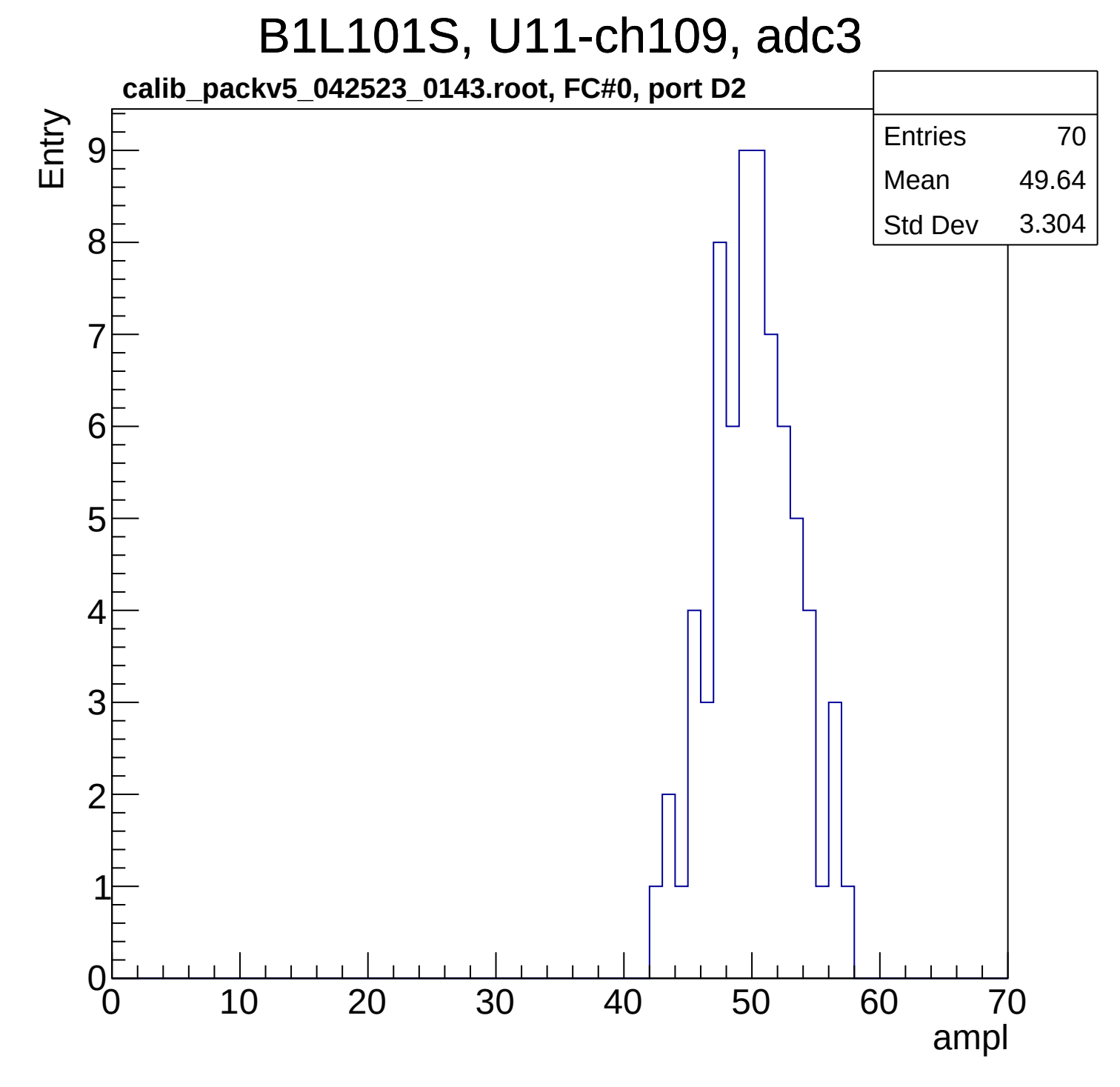
B1L101S, U11-ch109, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 49.64
Std Dev 3.304
Entry
ampl
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2
3
4
5
6
7
8
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0
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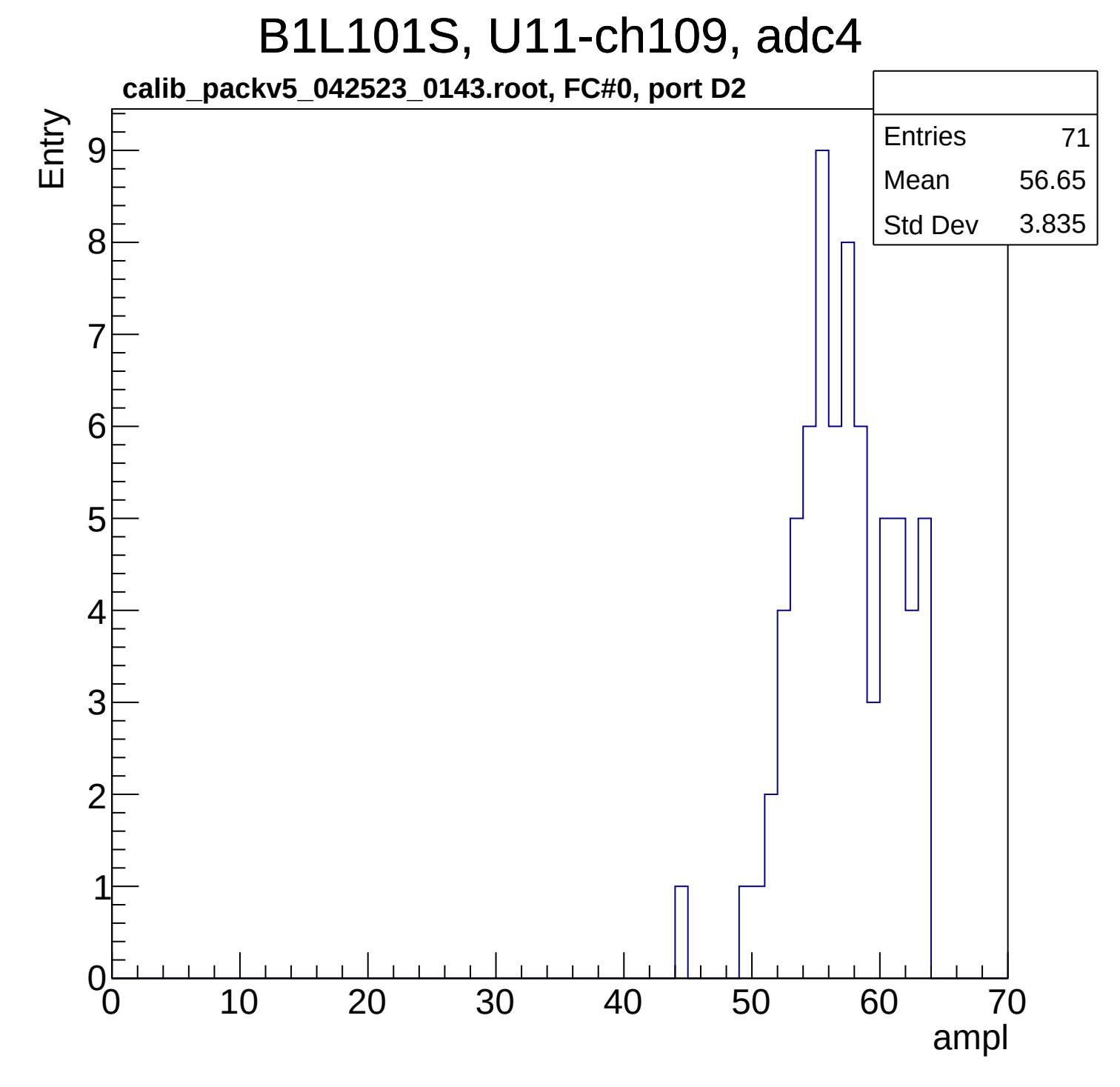
B1L101S, U11-ch109, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 56.65
Std Dev 3.835
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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60
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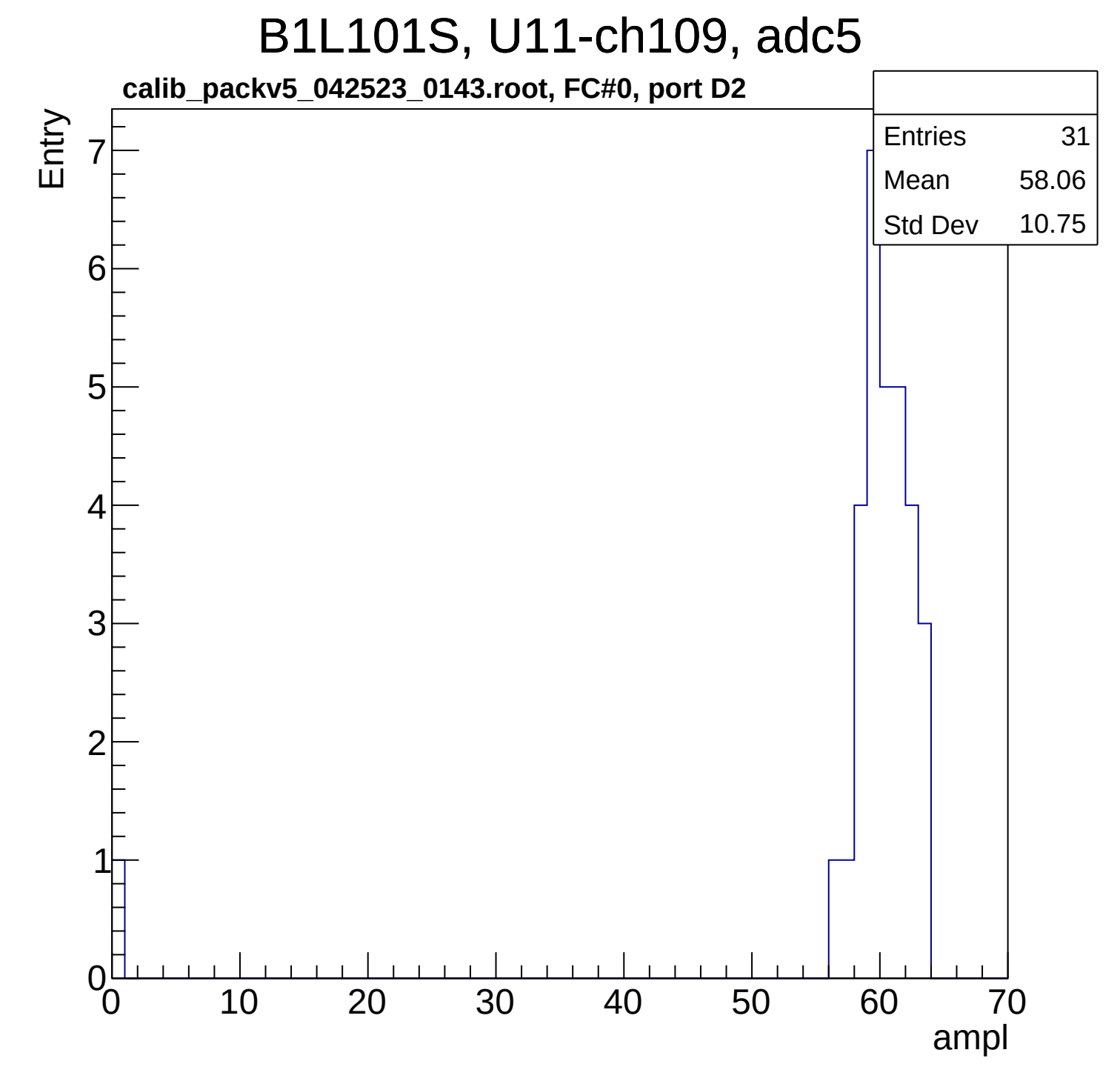
B1L101S, U11-ch109, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 31
Mean 58.06
Std Dev 10.75
Entry
ampl
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3
4
5
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0
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20
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40
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60
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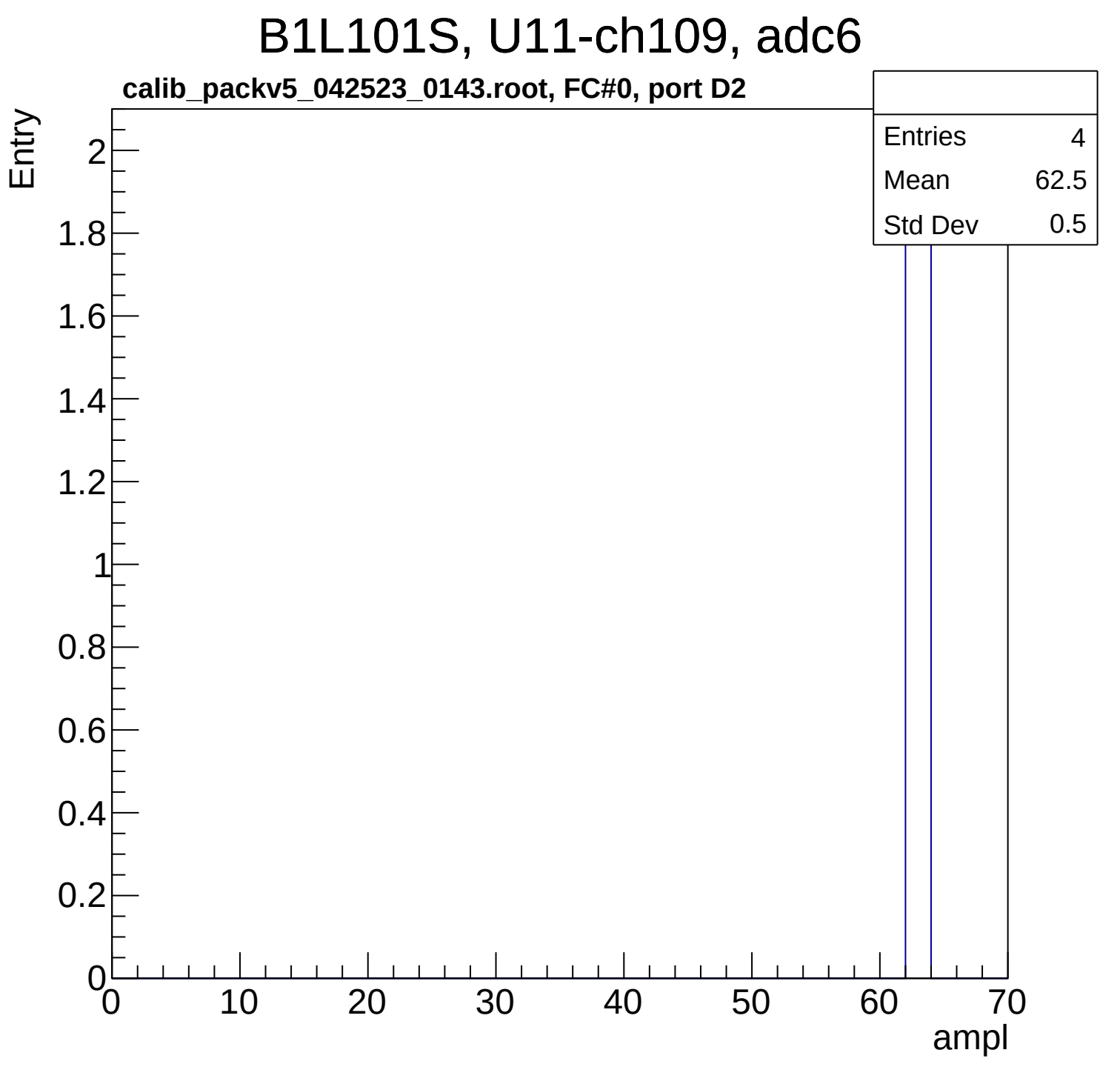
B1L101S, U11-ch109, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 62.5
Std Dev 0.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
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60
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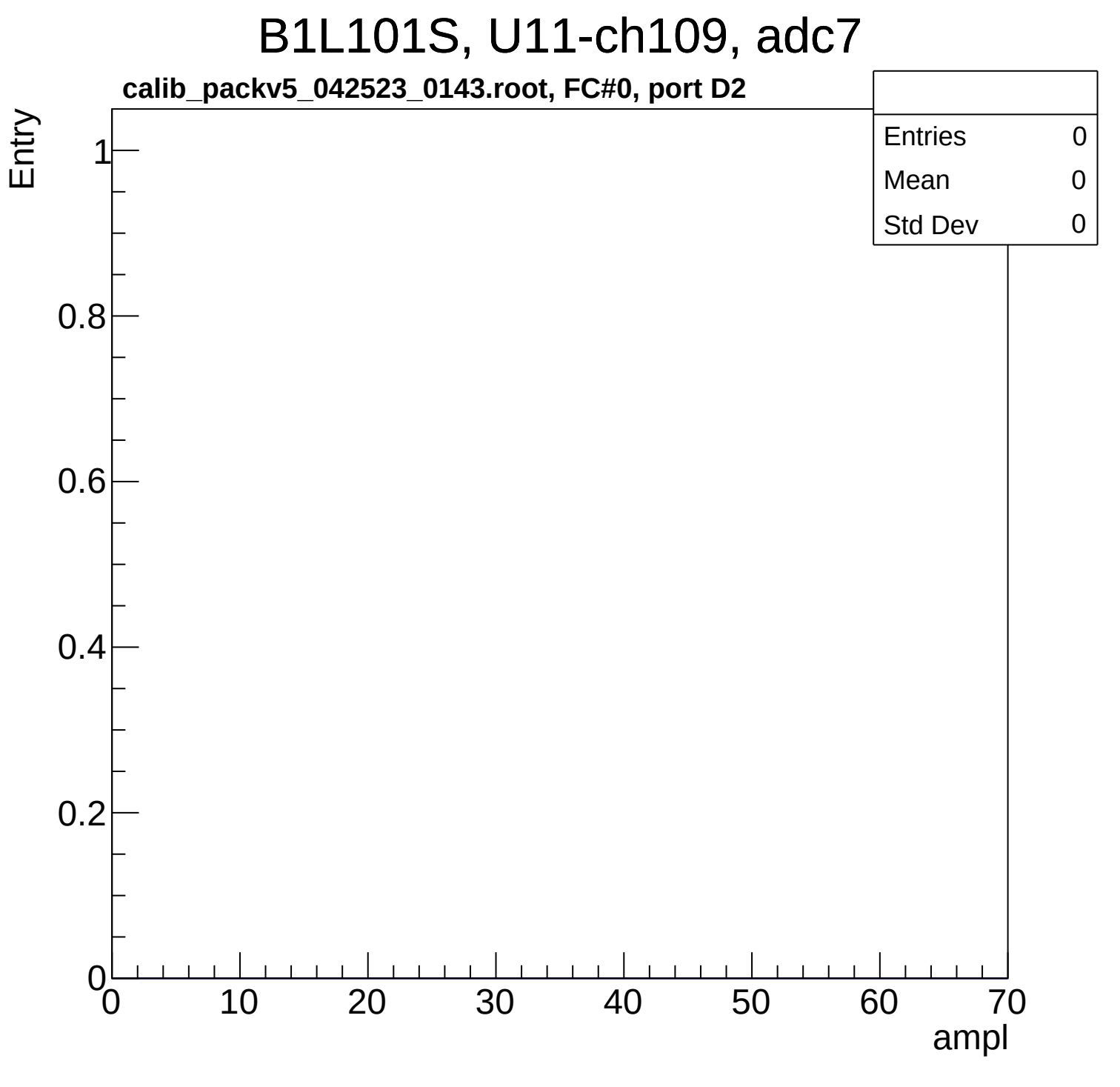
B1L101S, U11-ch109, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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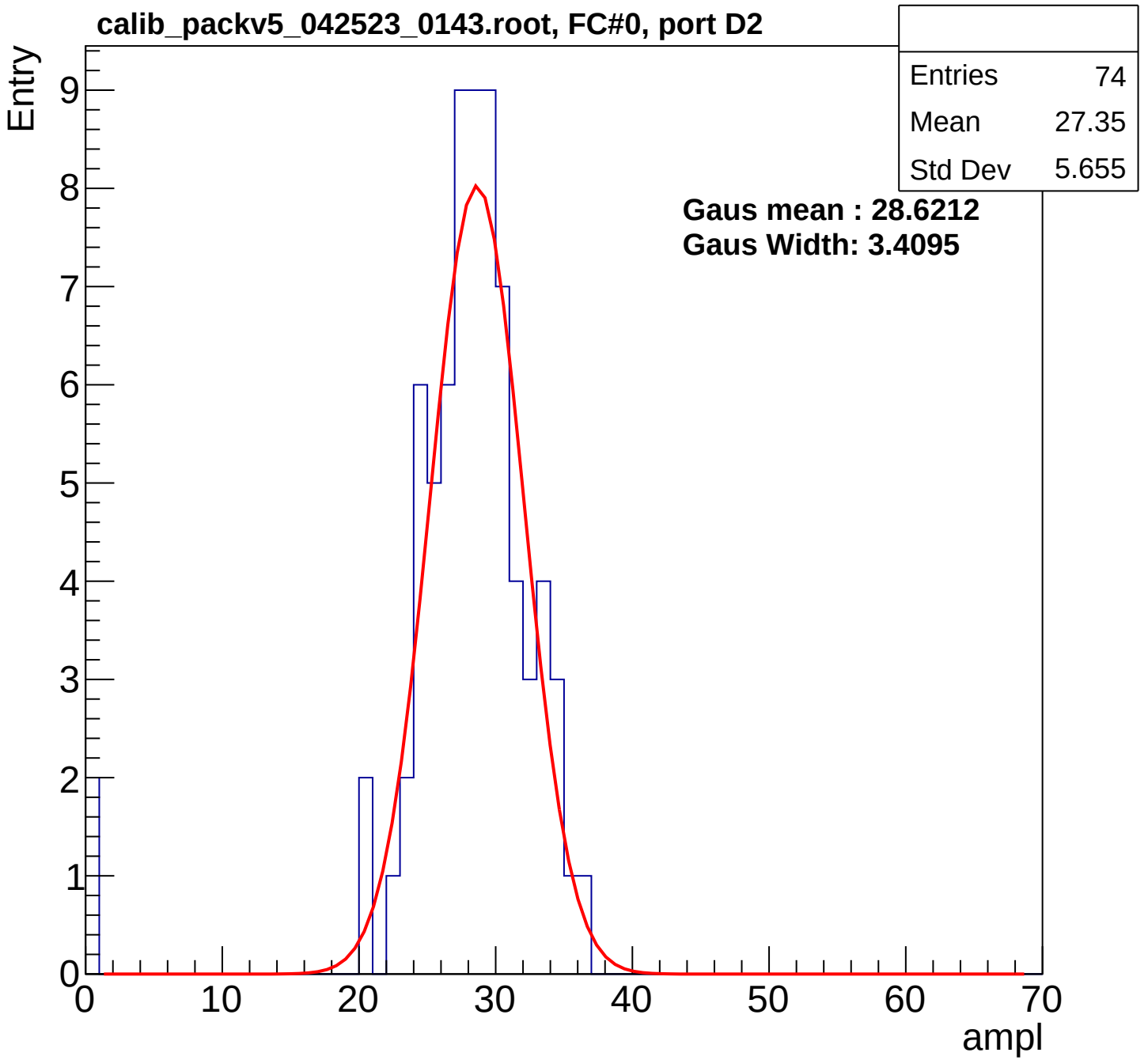
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch110, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 74
Mean 27.35
Std Dev 5.655
Gaus mean : 28.6212
Gaus Width: 3.4095
Entry
ampl
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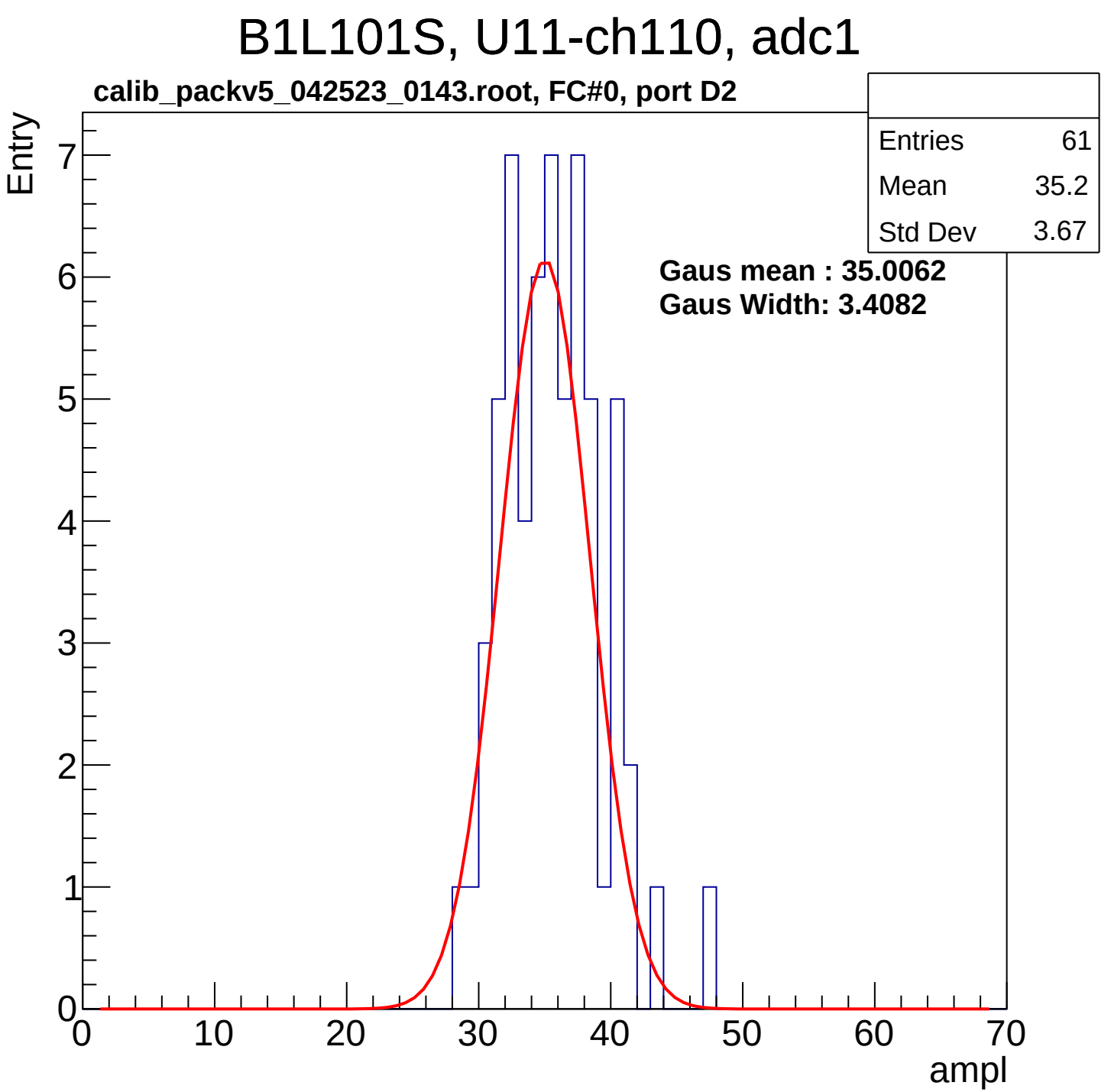
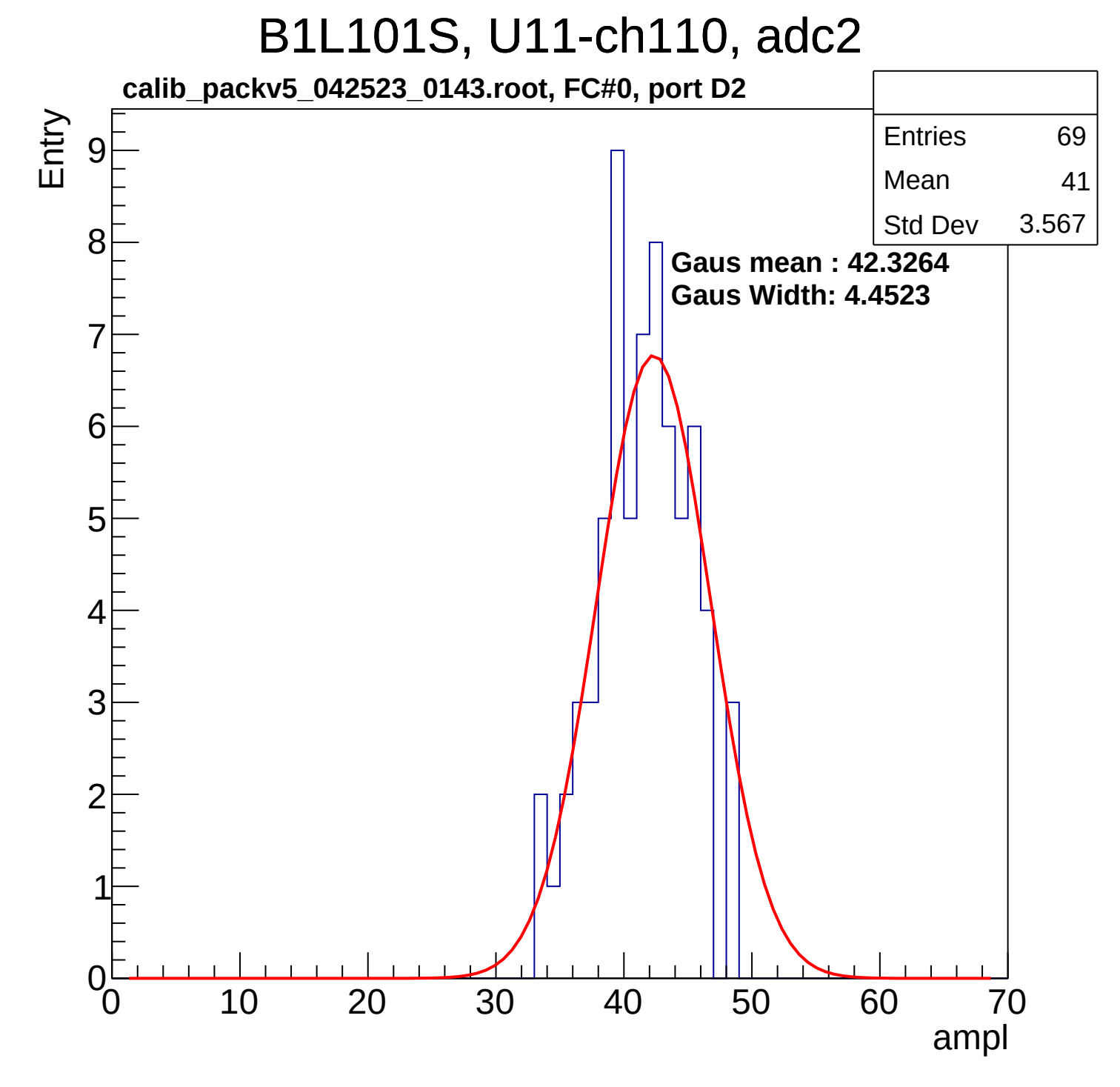
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch110, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 35.2
Std Dev 3.67
Gaus mean : 35.0062
Gaus Width: 3.4082
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch110, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 41
Std Dev 3.567
Gaus mean : 42.3264
Gaus Width: 4.4523
Entry
ampl
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2
3
4
5
6
7
8
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0
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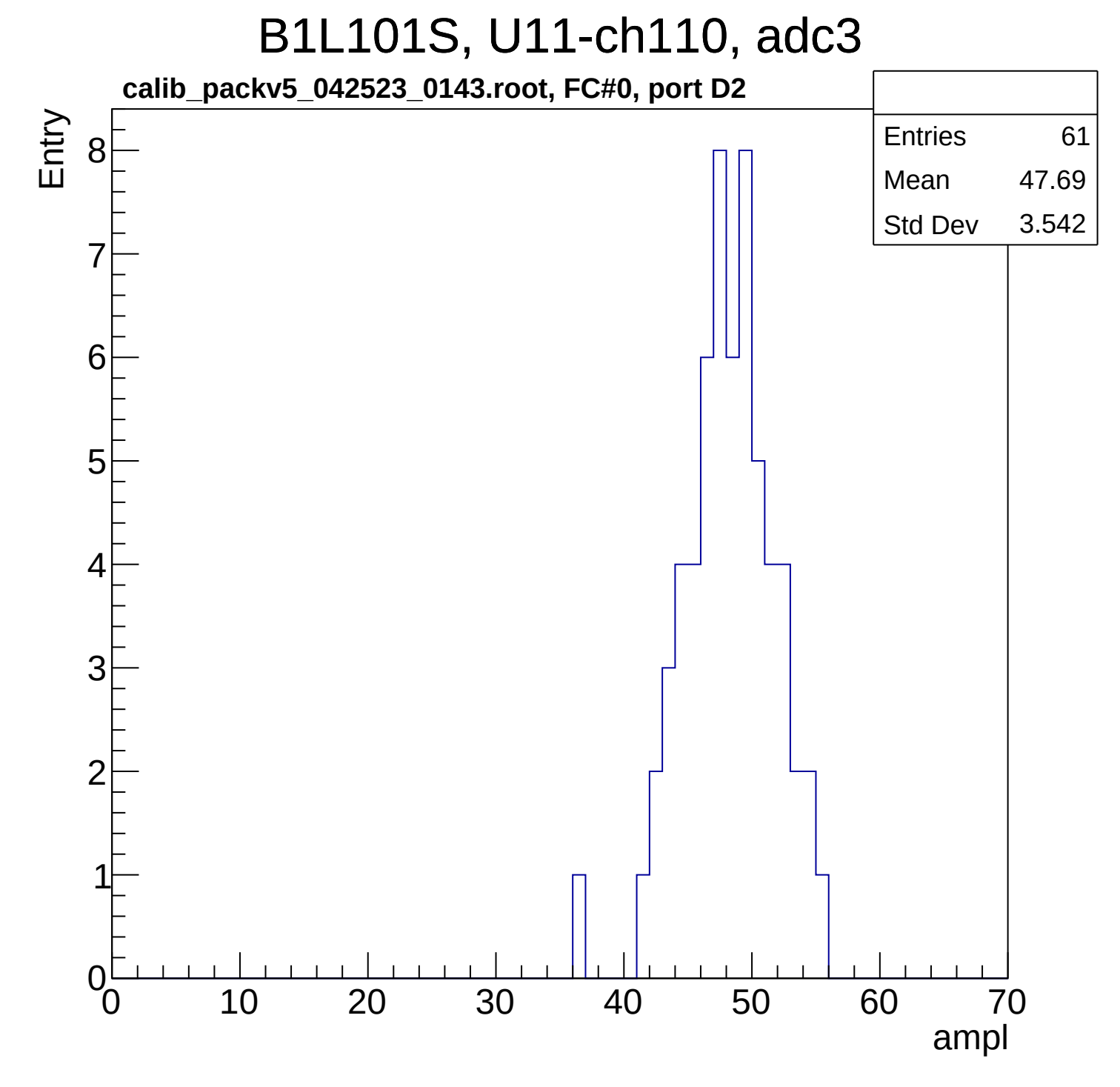
B1L101S, U11-ch110, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 47.69
Std Dev 3.542
Entry
ampl
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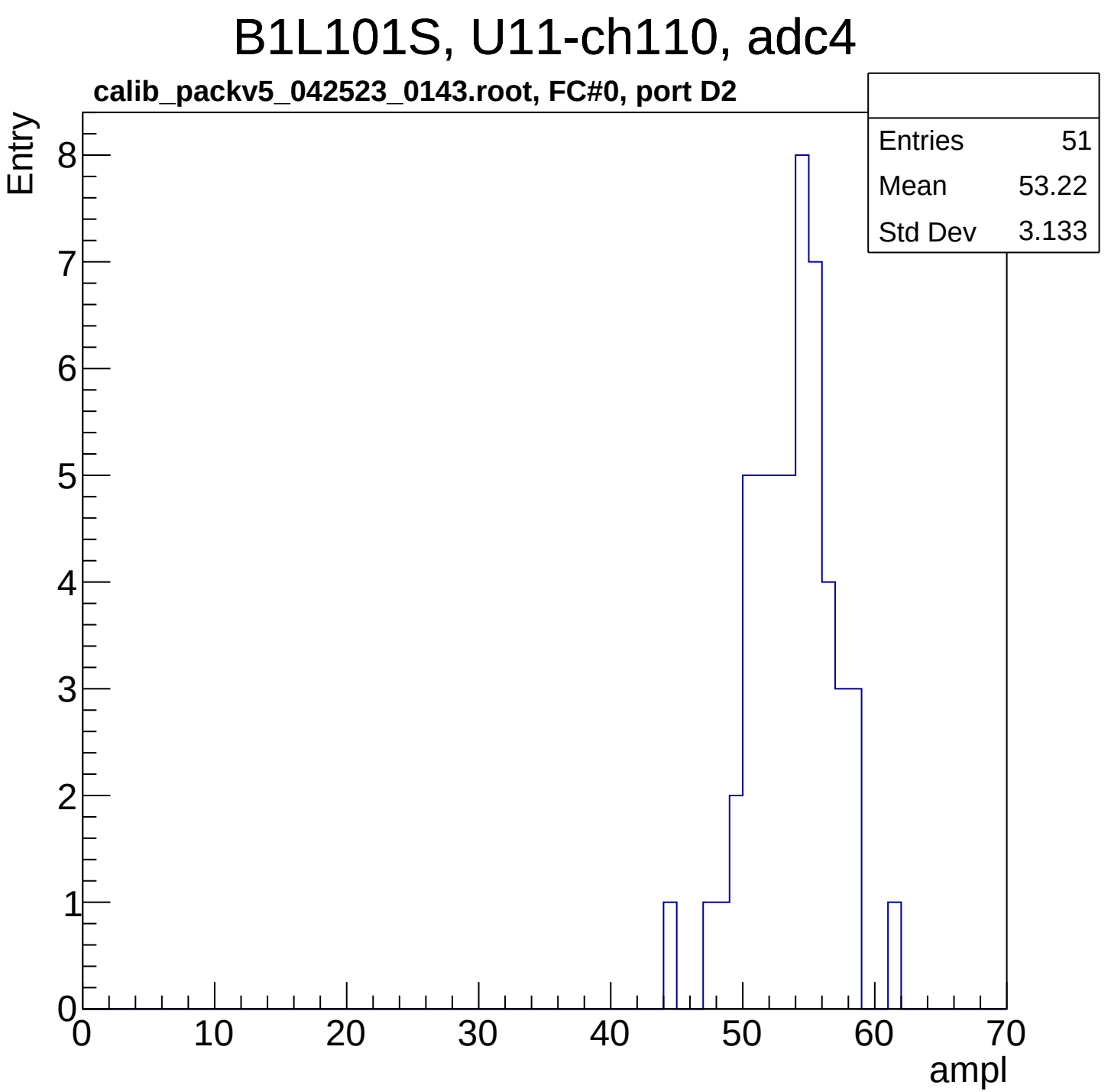
B1L101S, U11-ch110, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 51
Mean 53.22
Std Dev 3.133
Entry
ampl
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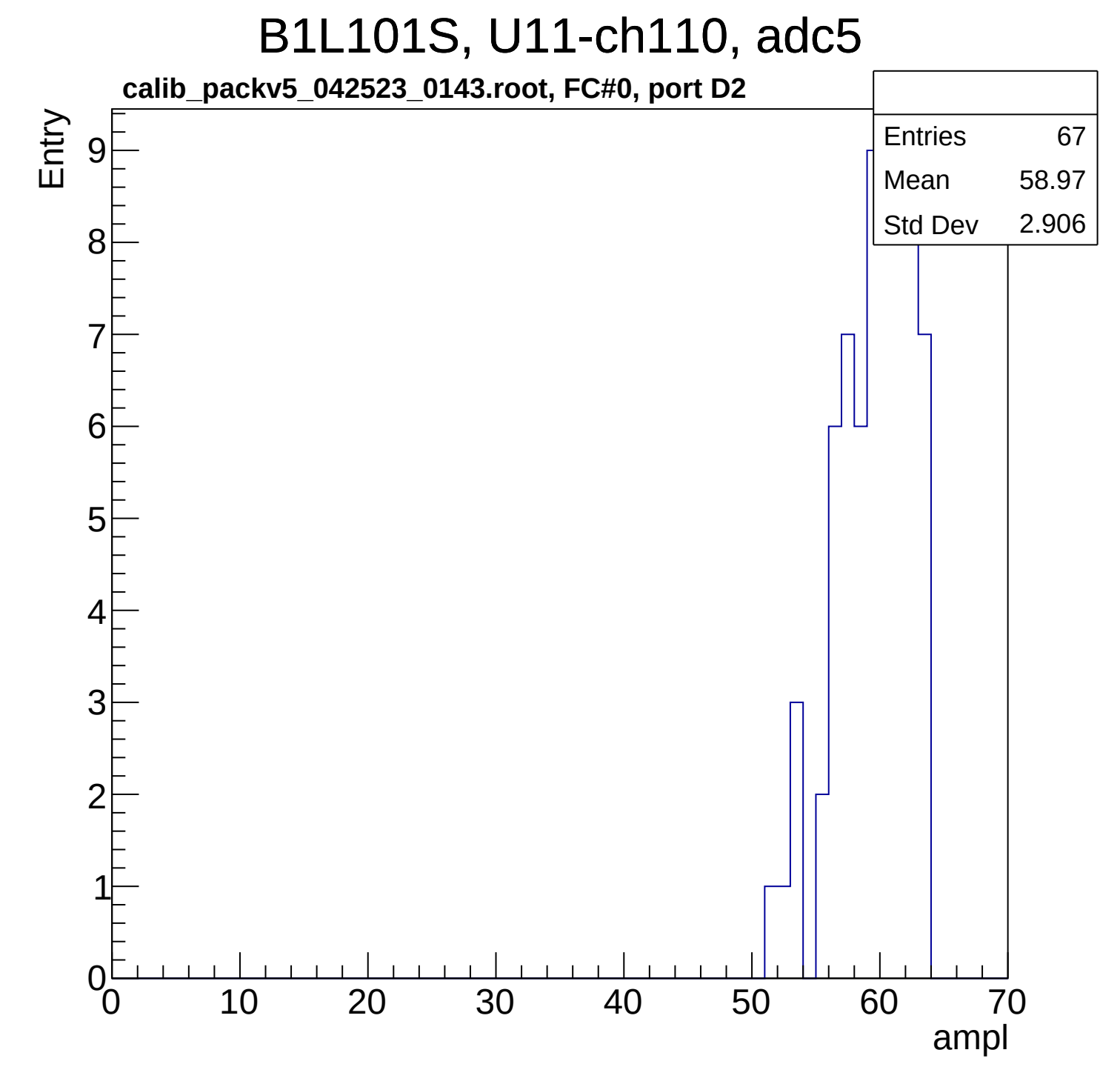
B1L101S, U11-ch110, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 58.97
Std Dev 2.906
Entry
ampl
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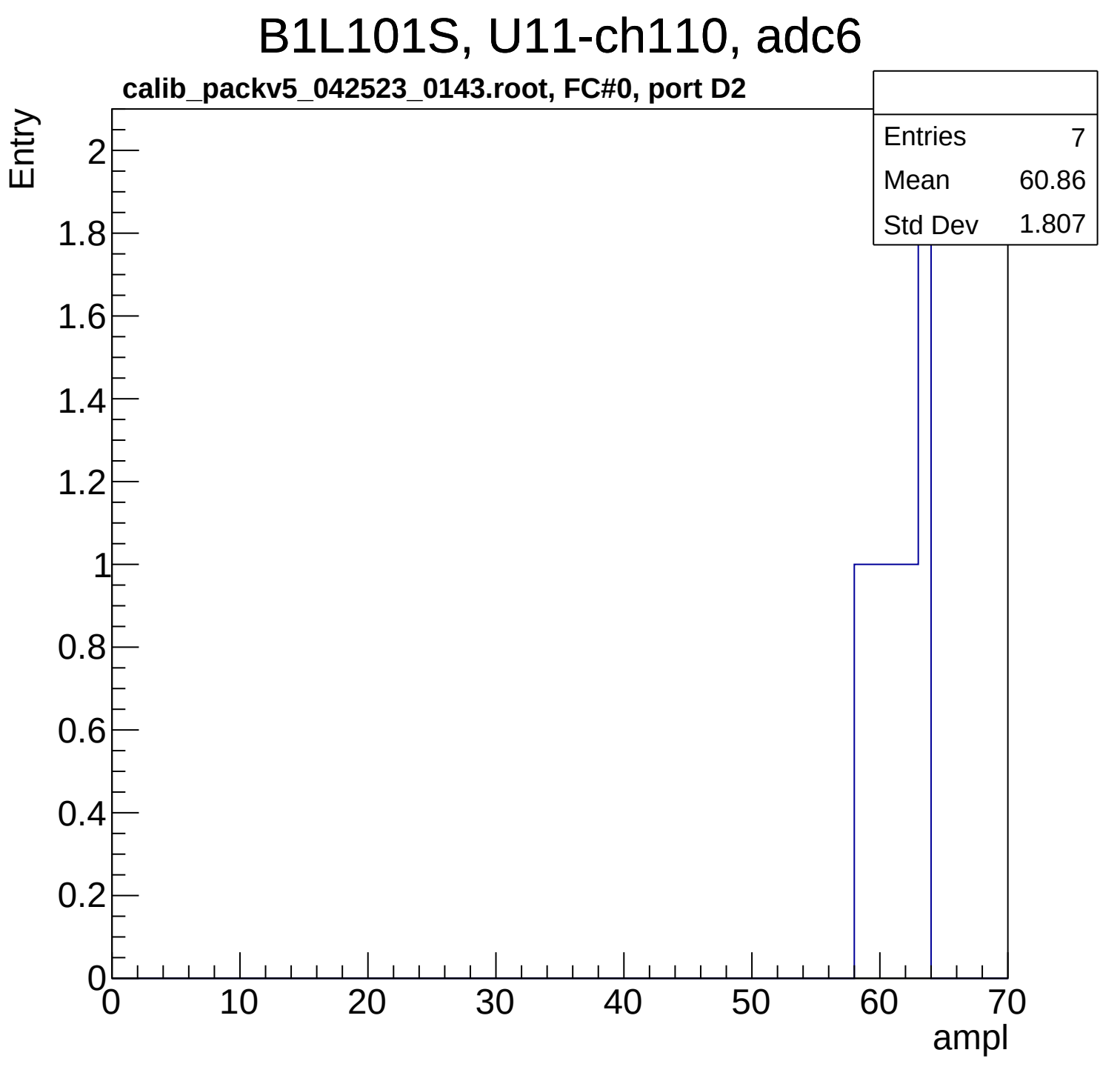
B1L101S, U11-ch110, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 7
Mean 60.86
Std Dev 1.807
Entry
ampl
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0.2
0.4
0.6
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1.2
1.4
1.6
1.8
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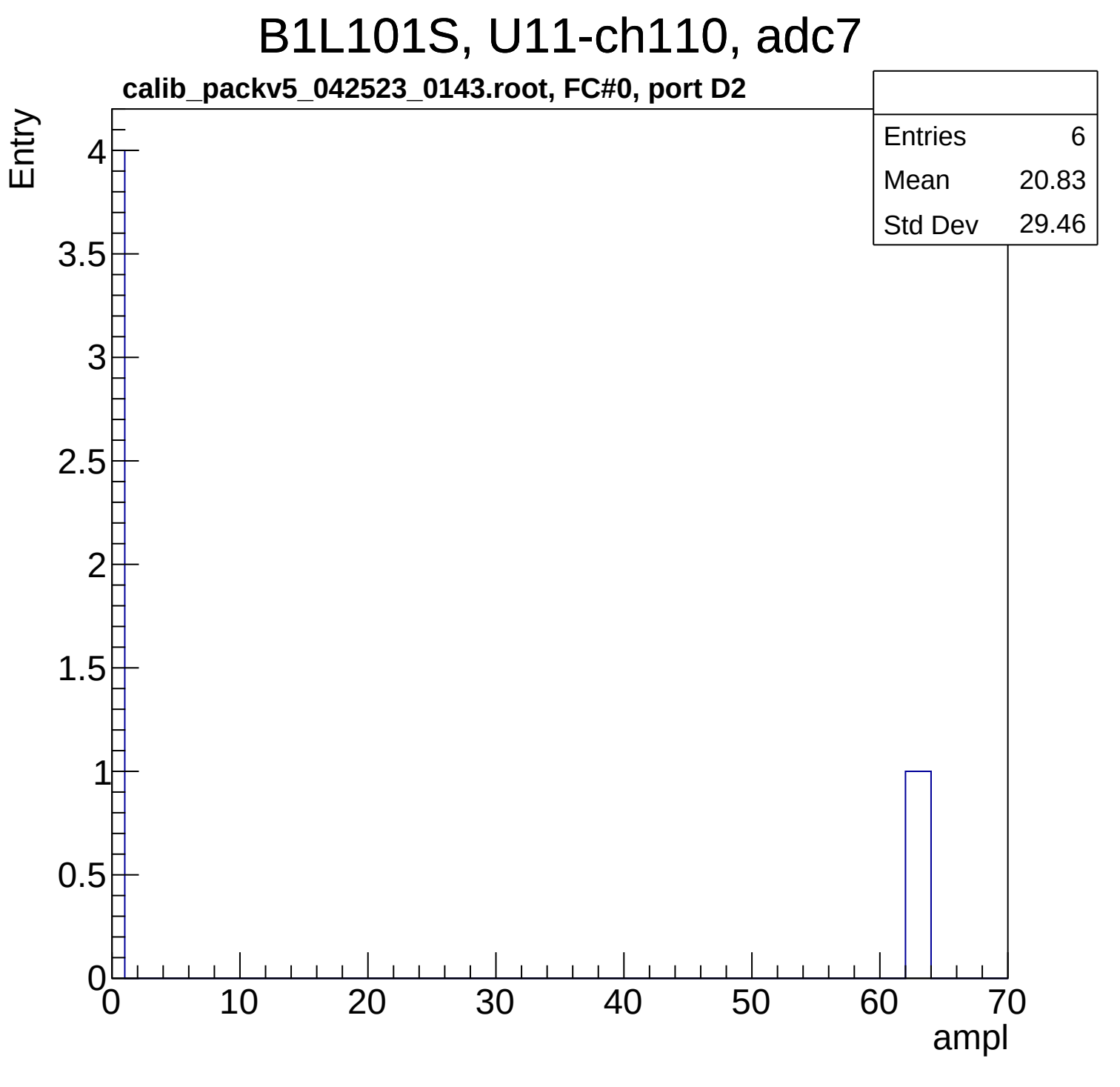
B1L101S, U11-ch110, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 6
Mean 20.83
Std Dev 29.46
Entry
ampl
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1.5
2
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3
3.5
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0
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40
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60
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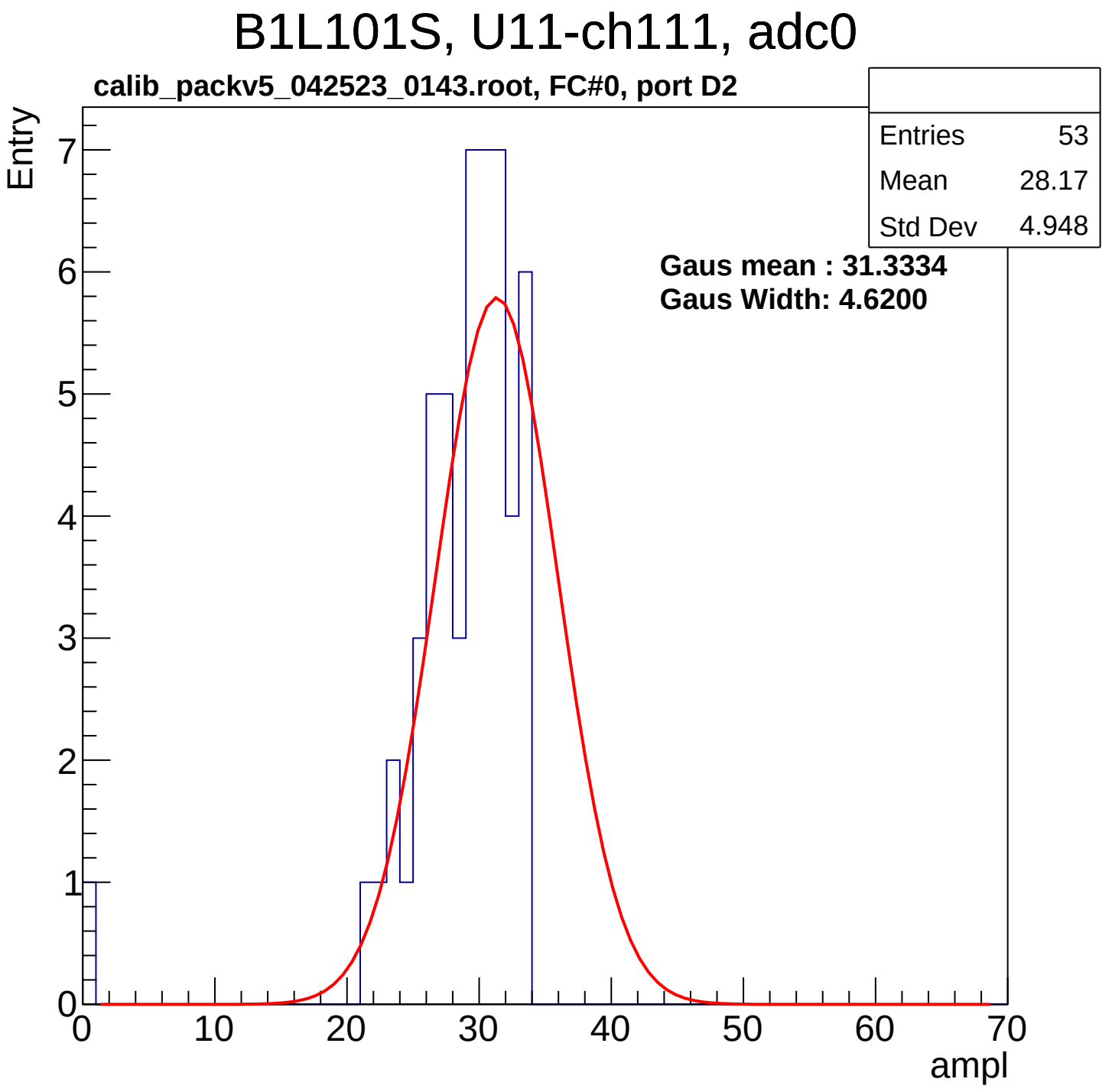
B1L101S, U11-ch111, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 53
Mean 28.17
Std Dev 4.948
Gaus mean : 31.3334
Gaus Width: 4.6200
Entry
ampl
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1
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3
4
5
6
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0
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60
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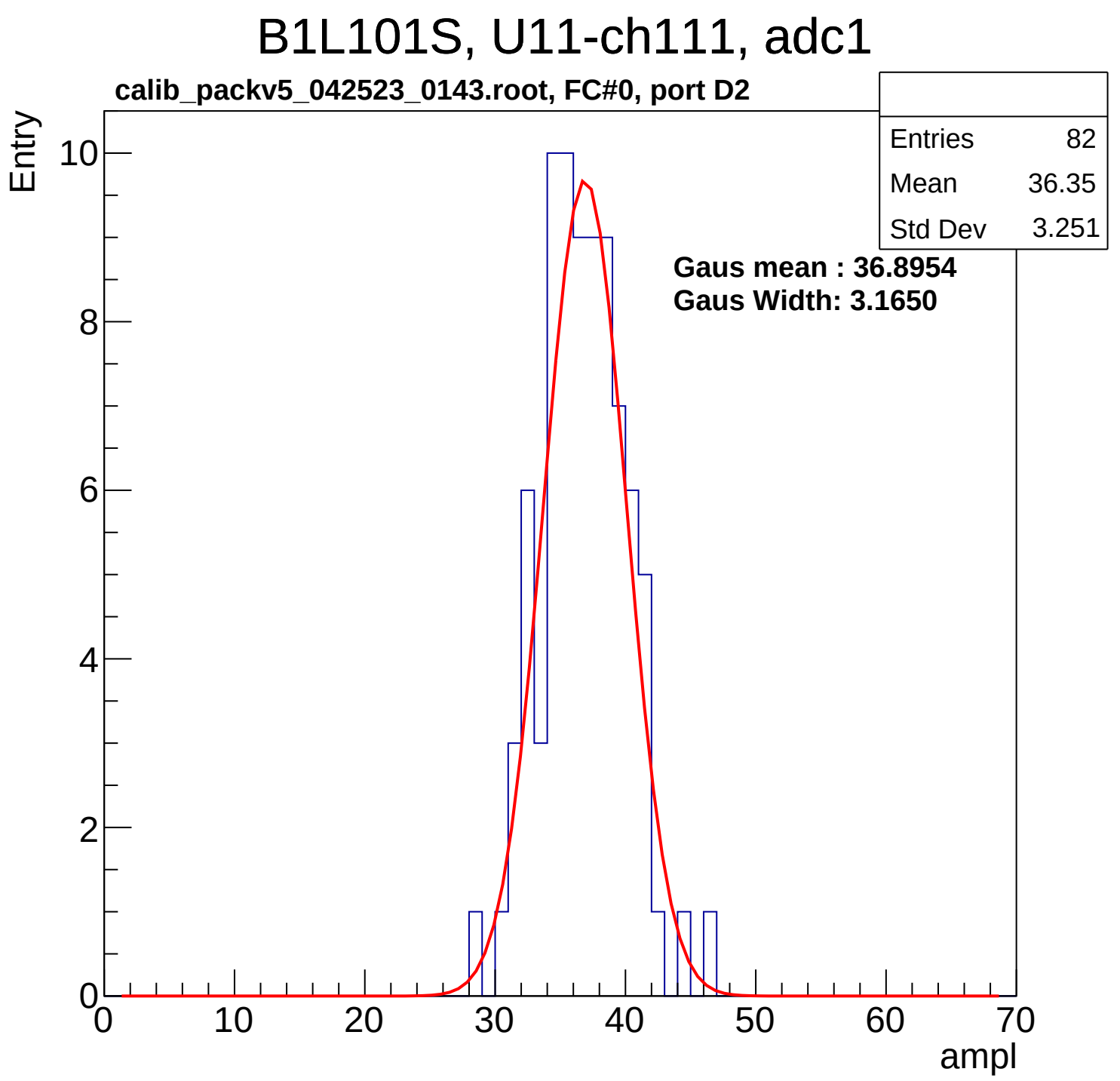
B1L101S, U11-ch111, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 82
Mean 36.35
Std Dev 3.251
Gaus mean : 36.8954
Gaus Width: 3.1650
Entry
ampl
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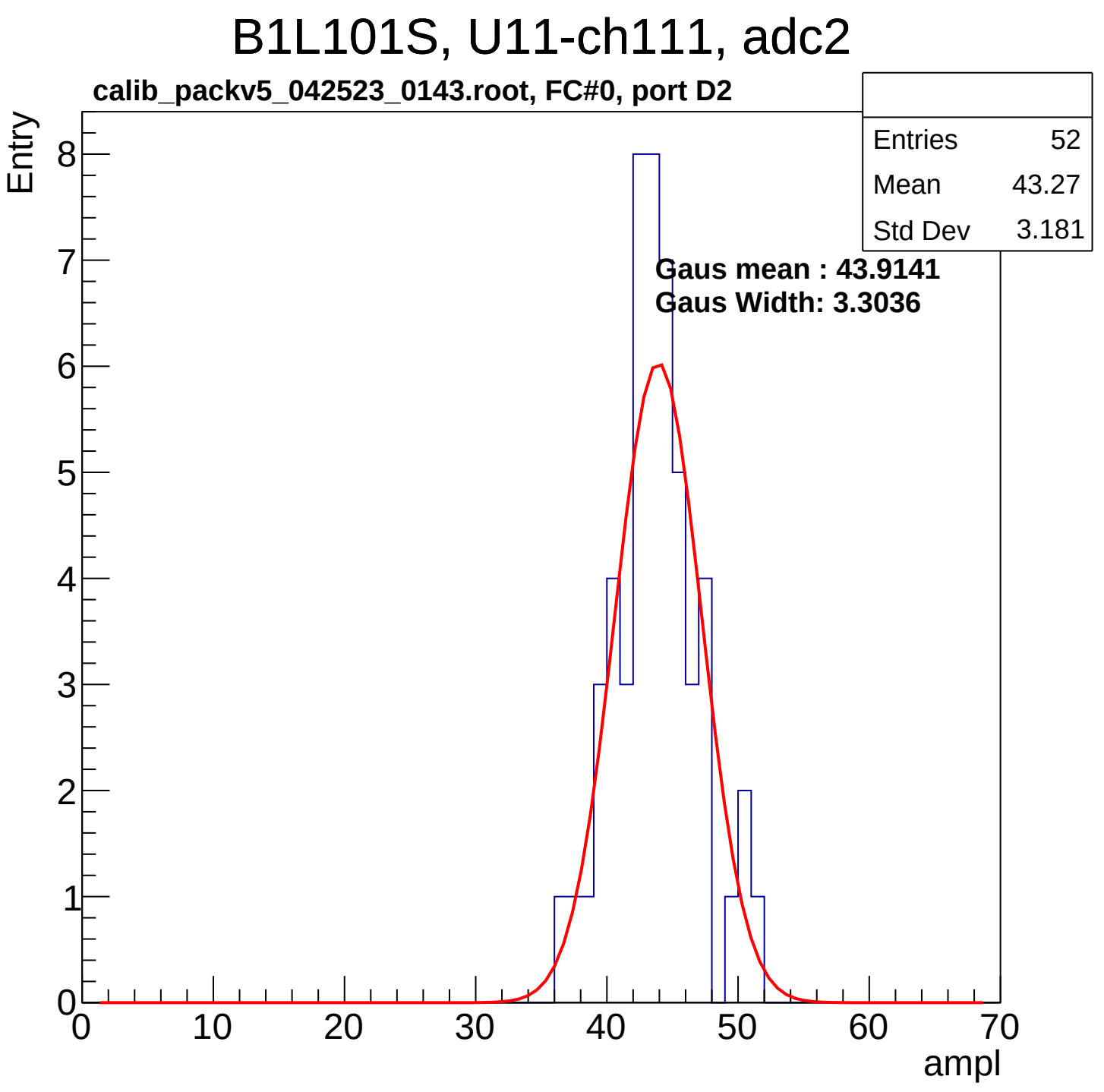
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch111, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 43.27
Std Dev 3.181
Gaus mean : 43.9141
Gaus Width: 3.3036
Entry
ampl
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2
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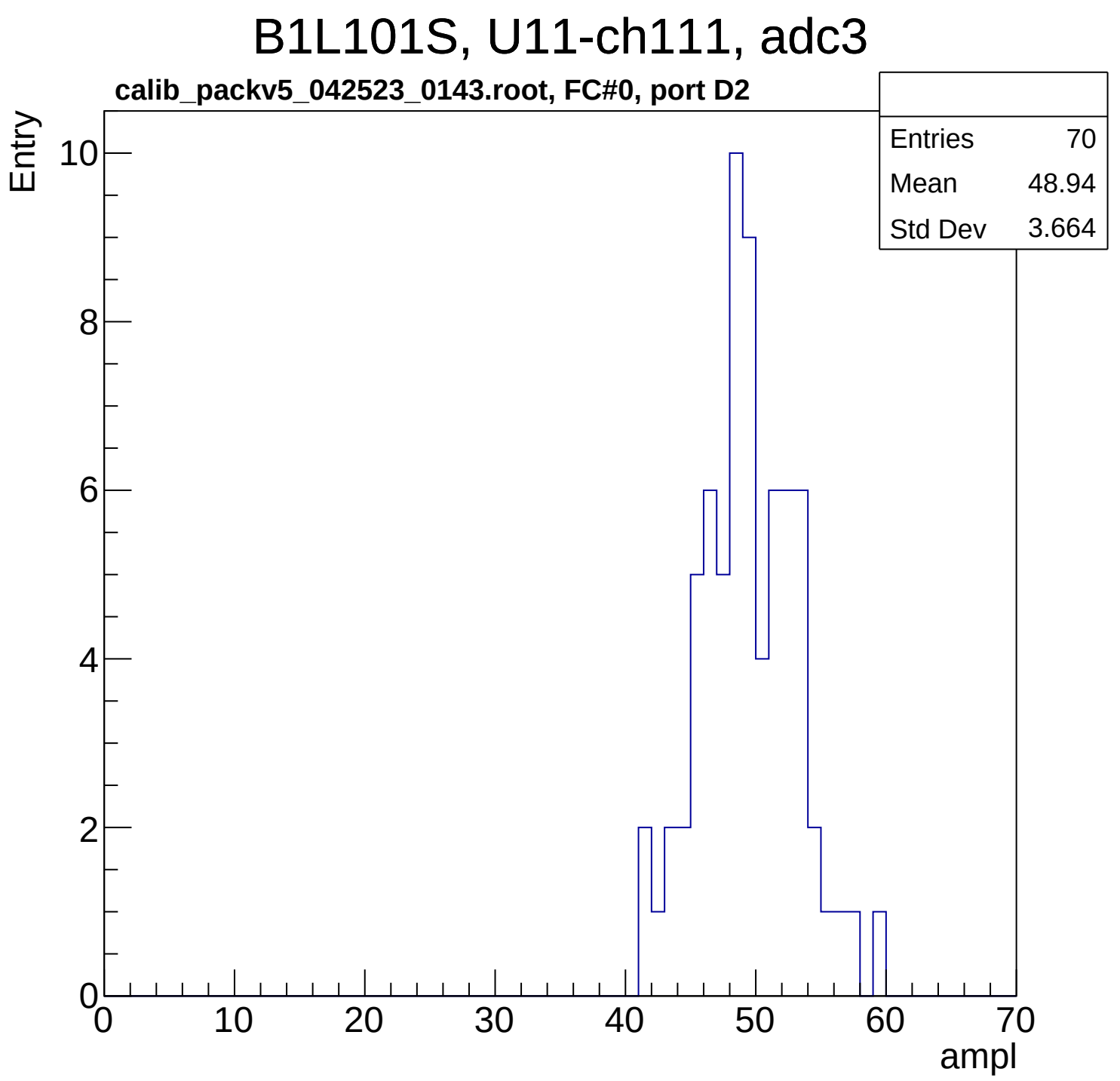
B1L101S, U11-ch111, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 48.94
Std Dev 3.664
Entry
ampl
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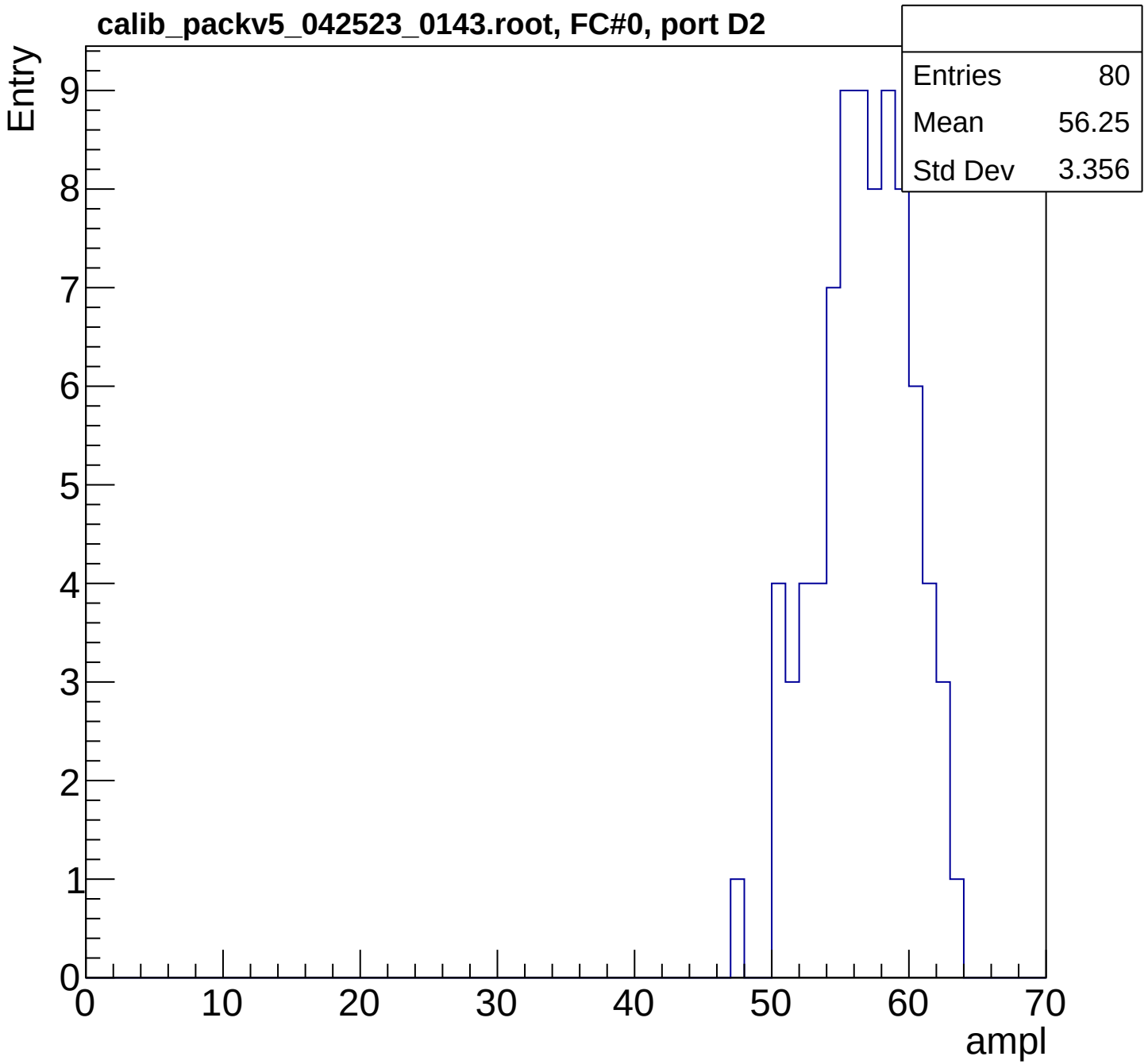
B1L101S, U11-ch111, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 80
Mean 56.25
Std Dev 3.356
Entry
ampl
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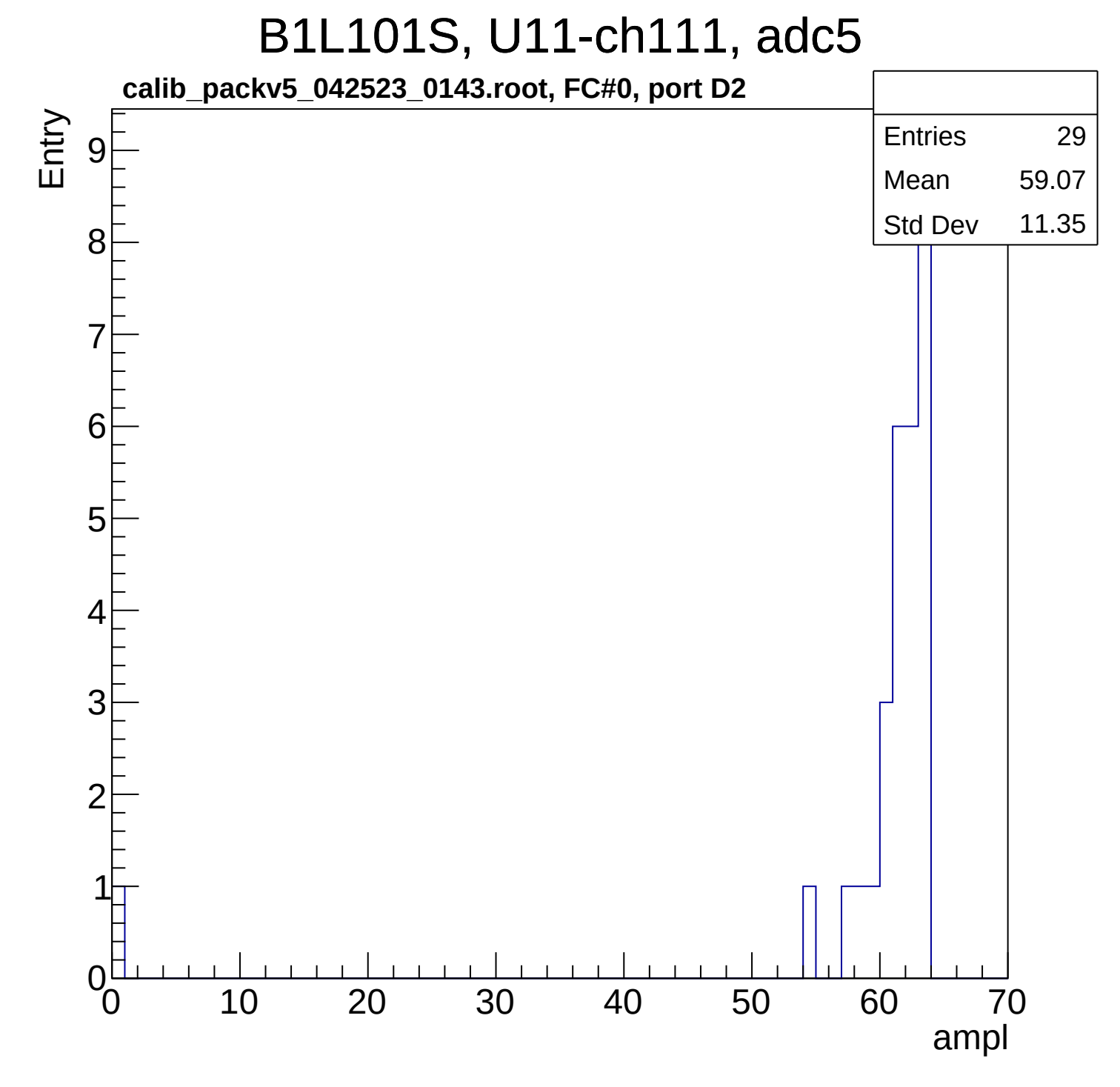
B1L101S, U11-ch111, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 29
Mean 59.07
Std Dev 11.35
Entry
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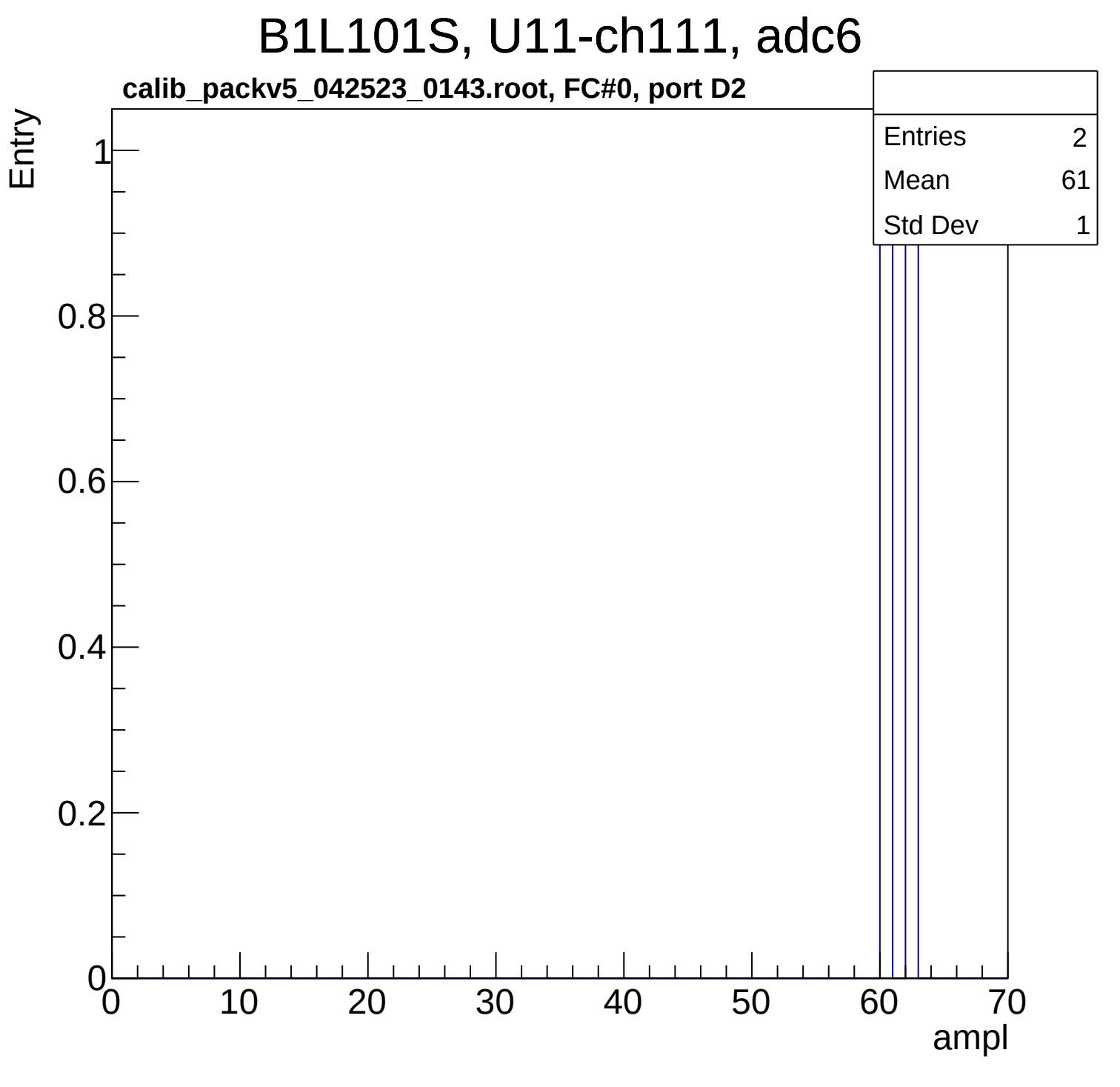
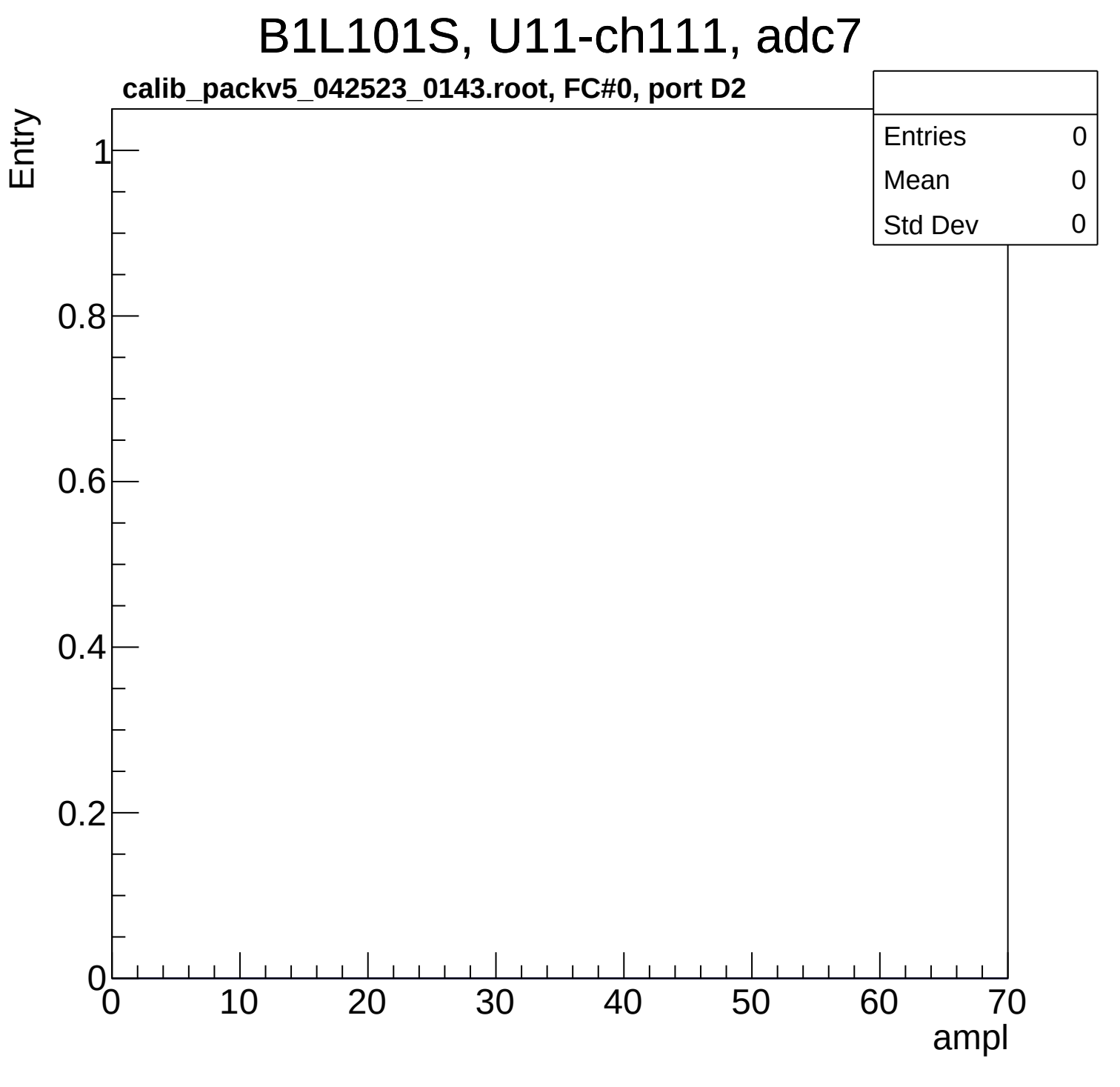

B1L101S, U11-ch111, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 61
Std Dev 1
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L101S, U11-ch111, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
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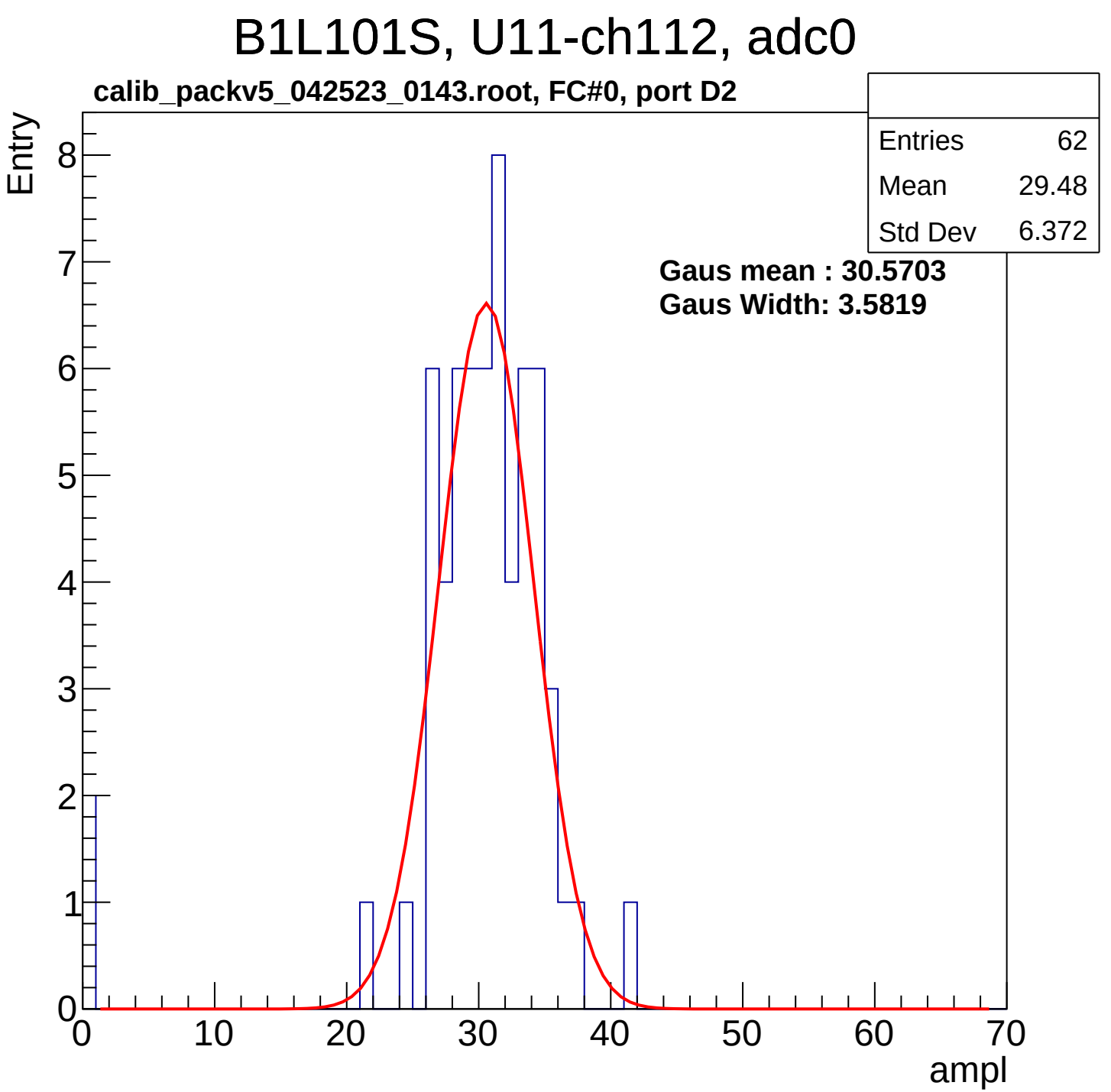
40
50
60
70
ampl


B1L101S, U11-ch112, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 29.48
Std Dev 6.372
Gaus mean : 30.5703
Gaus Width: 3.5819
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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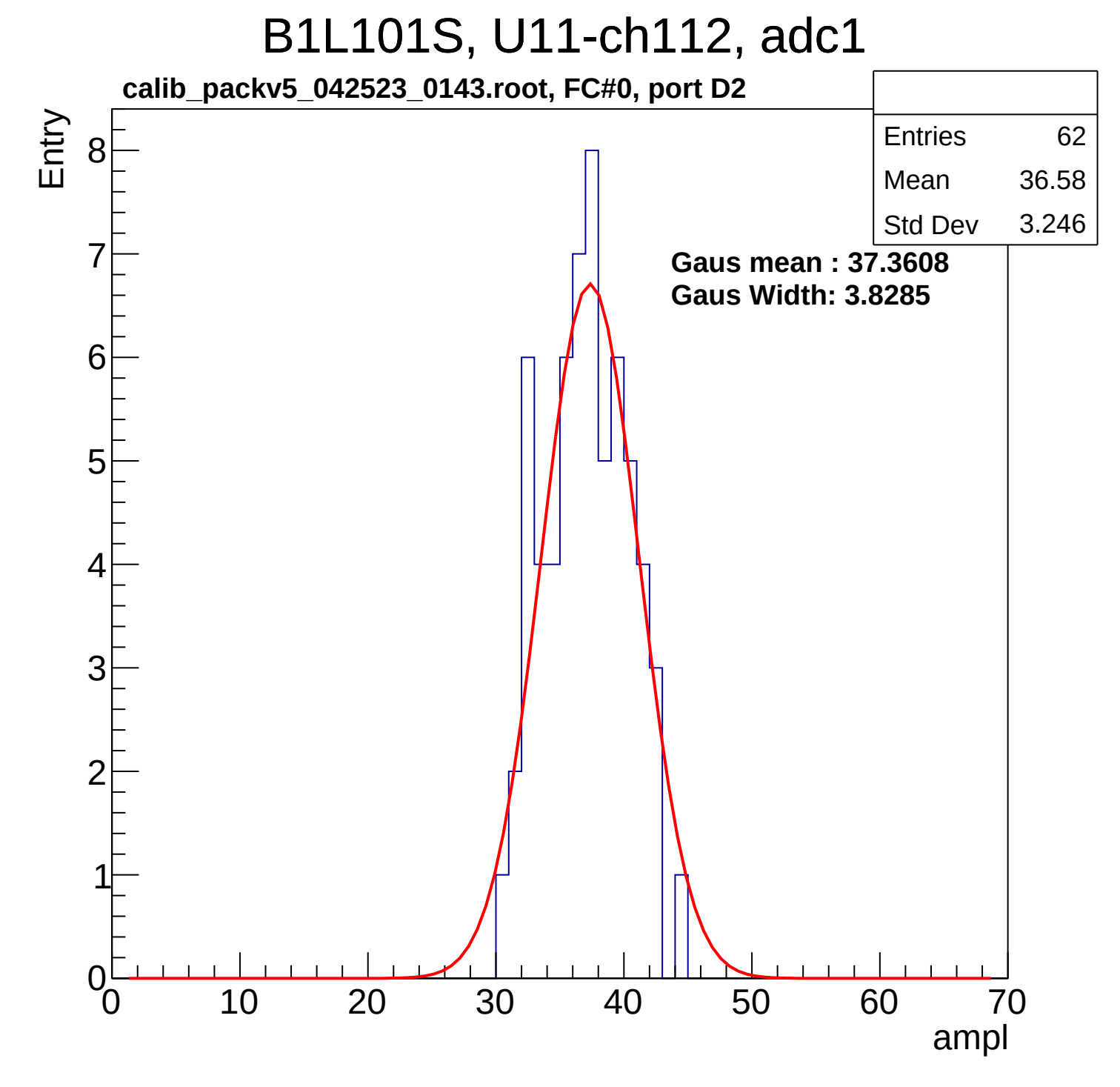
B1L101S, U11-ch112, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 36.58
Std Dev 3.246
Gaus mean : 37.3608
Gaus Width: 3.8285
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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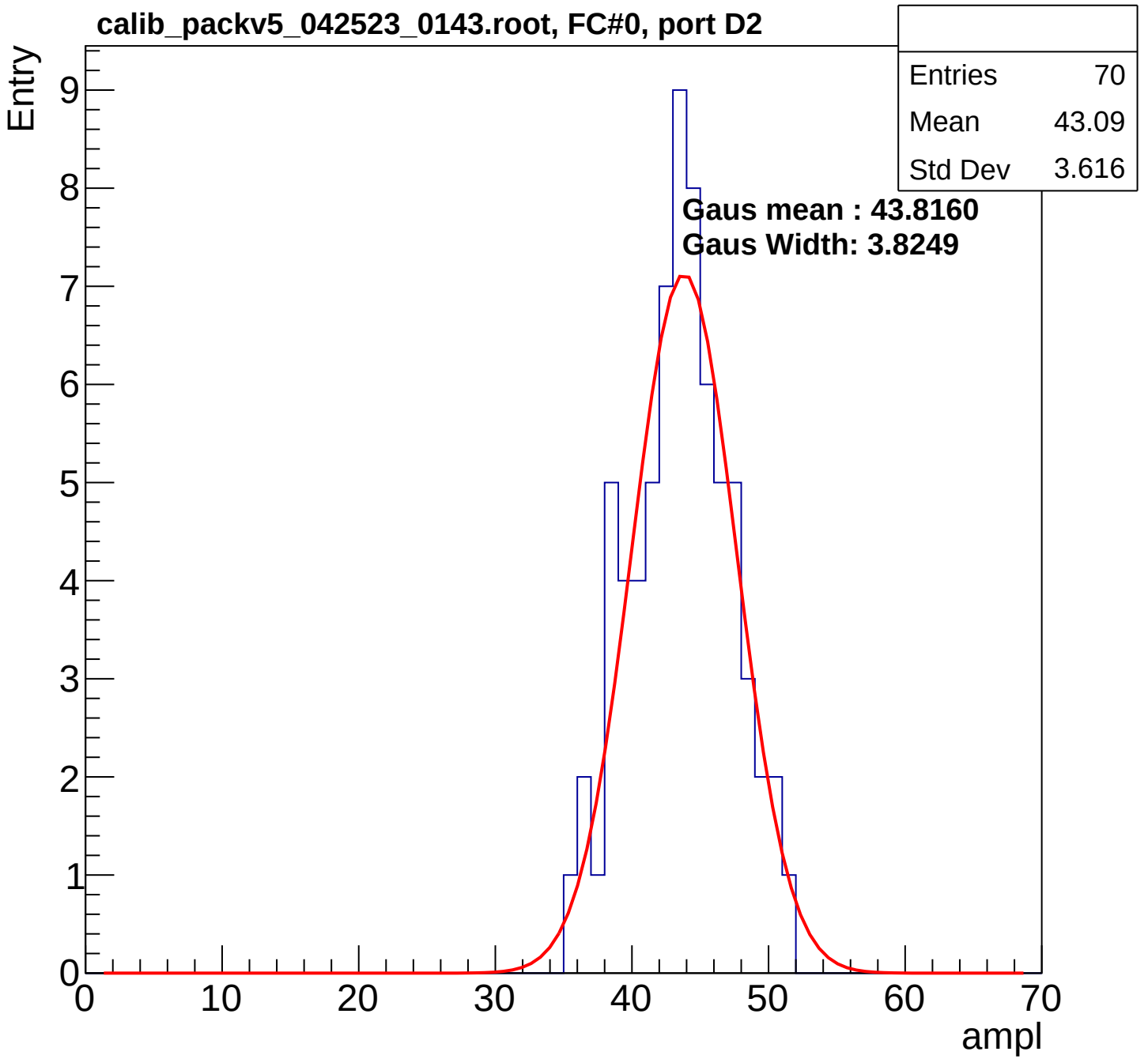
B1L101S, U11-ch112, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 43.09
Std Dev 3.616
Gaus mean : 43.8160
Gaus Width: 3.8249
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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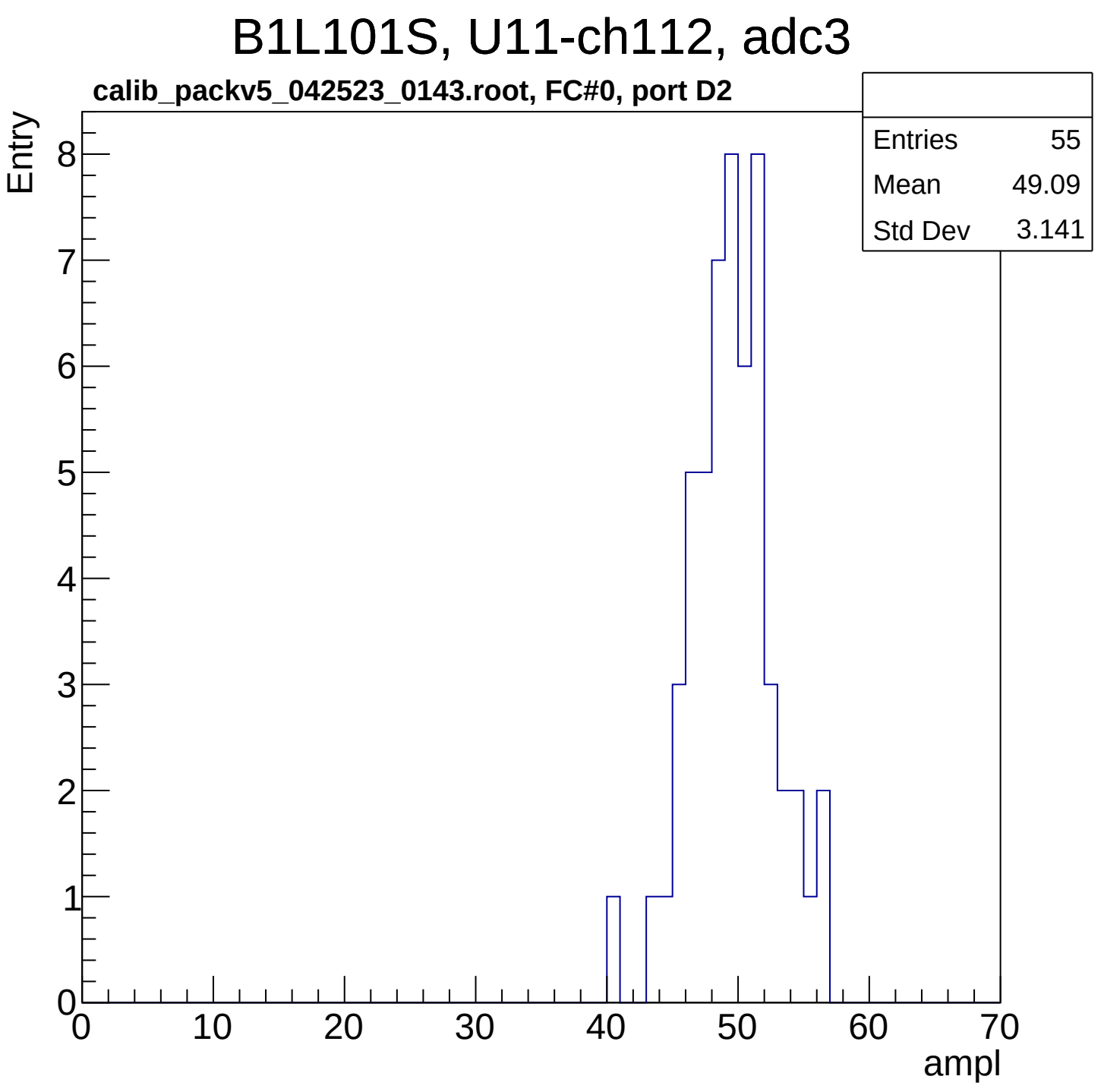
B1L101S, U11-ch112, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 49.09
Std Dev 3.141
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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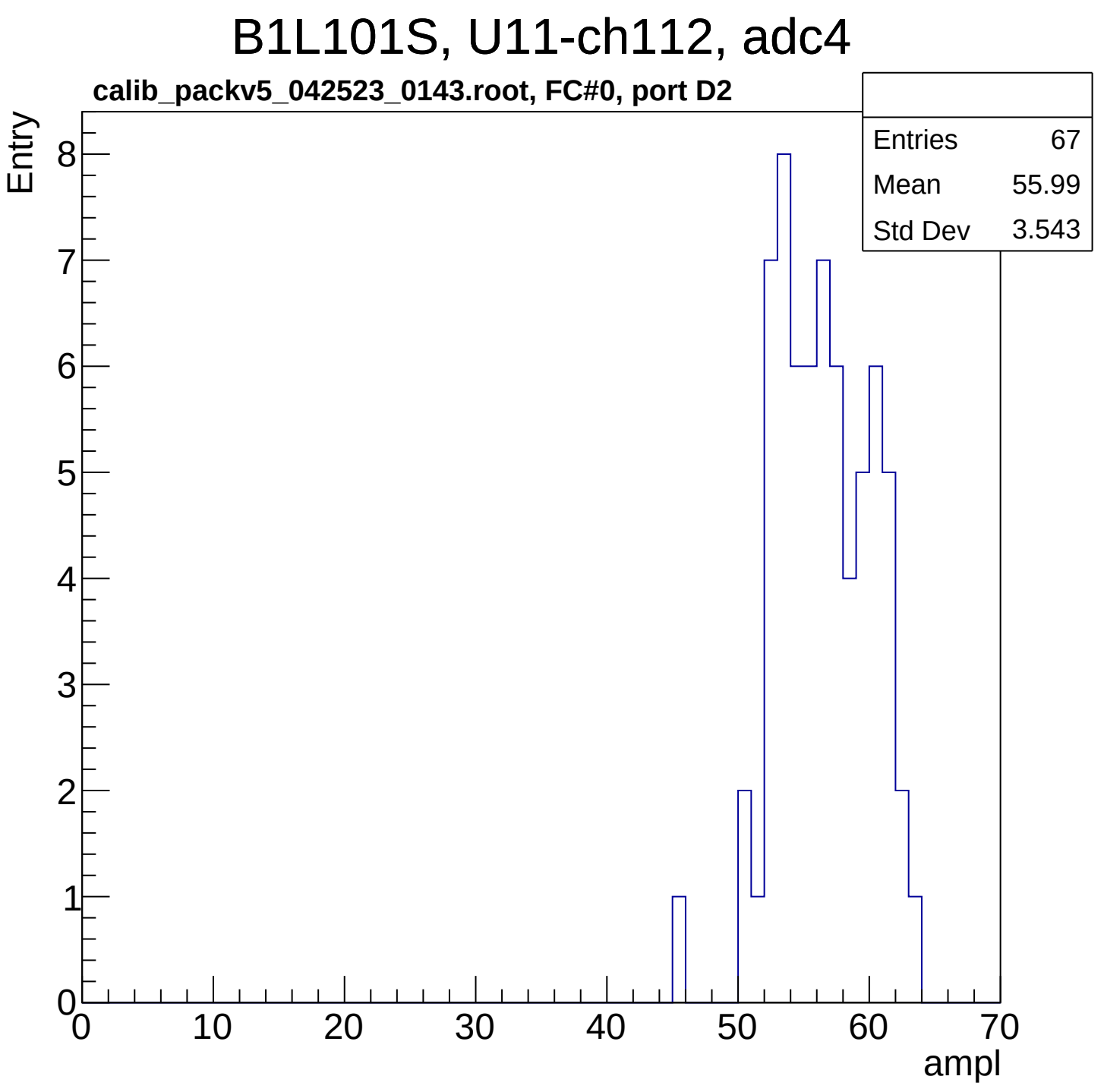
B1L101S, U11-ch112, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 67
Mean 55.99
Std Dev 3.543
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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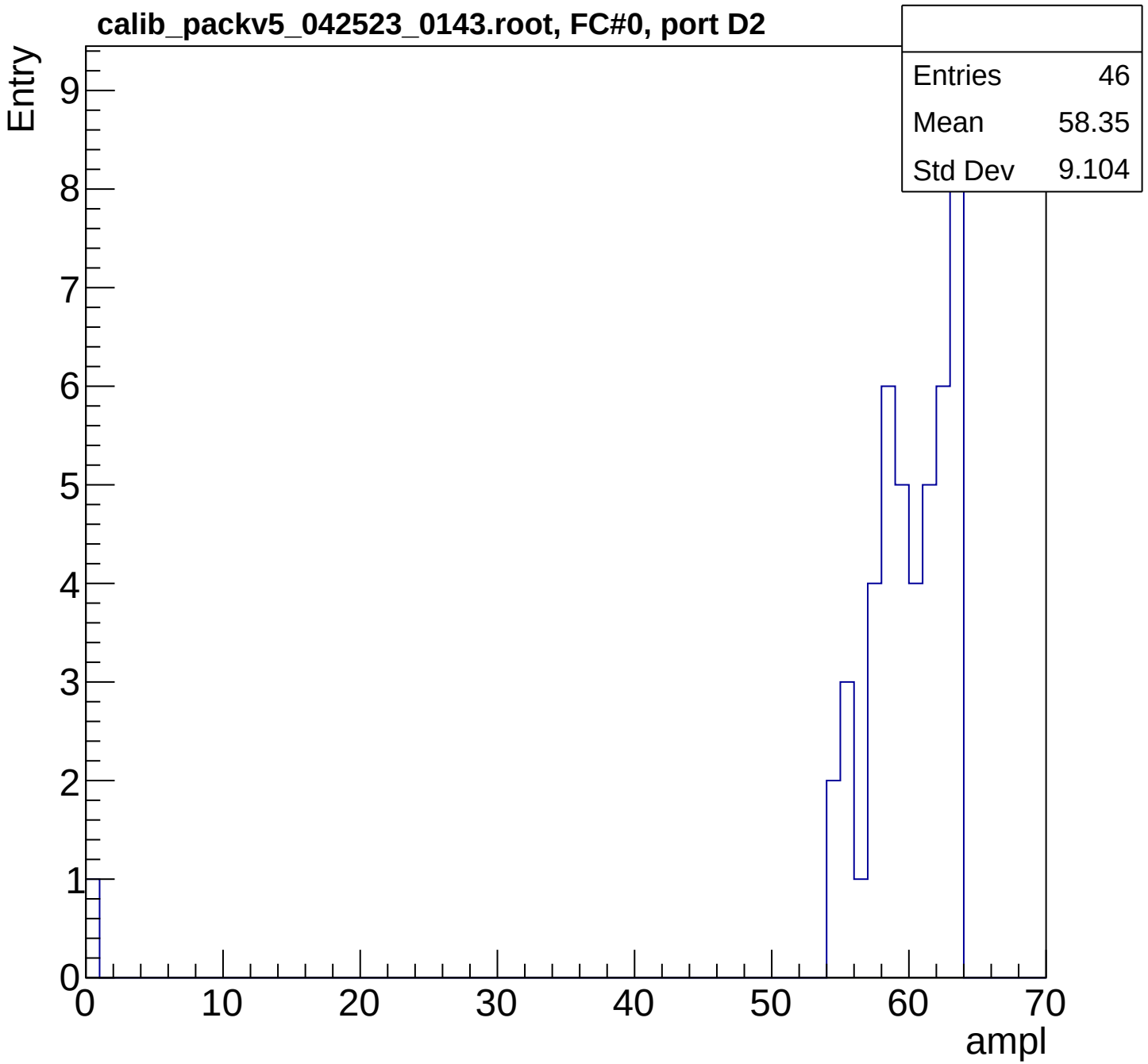
B1L101S, U11-ch112, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 46
Mean 58.35
Std Dev 9.104
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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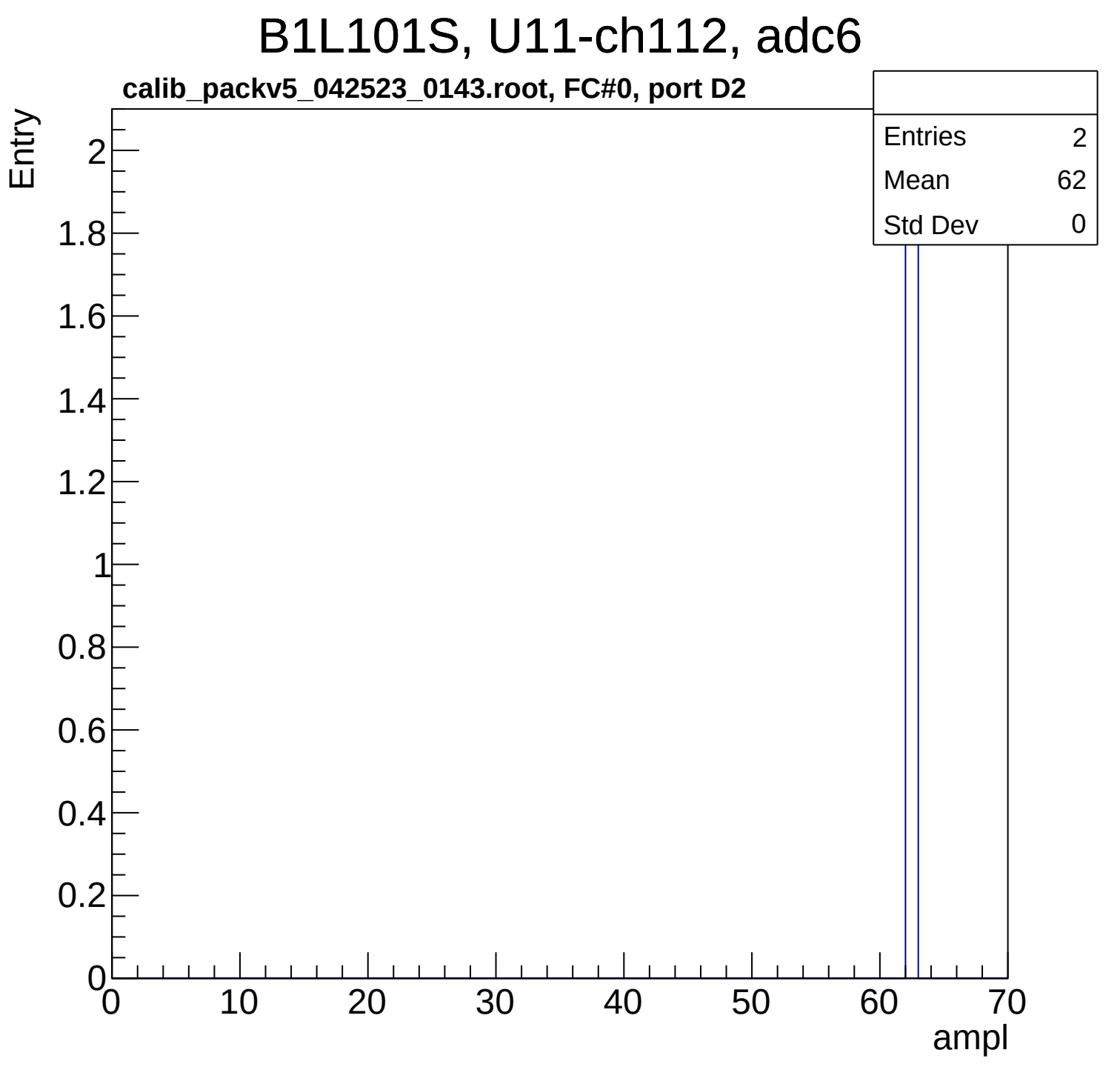
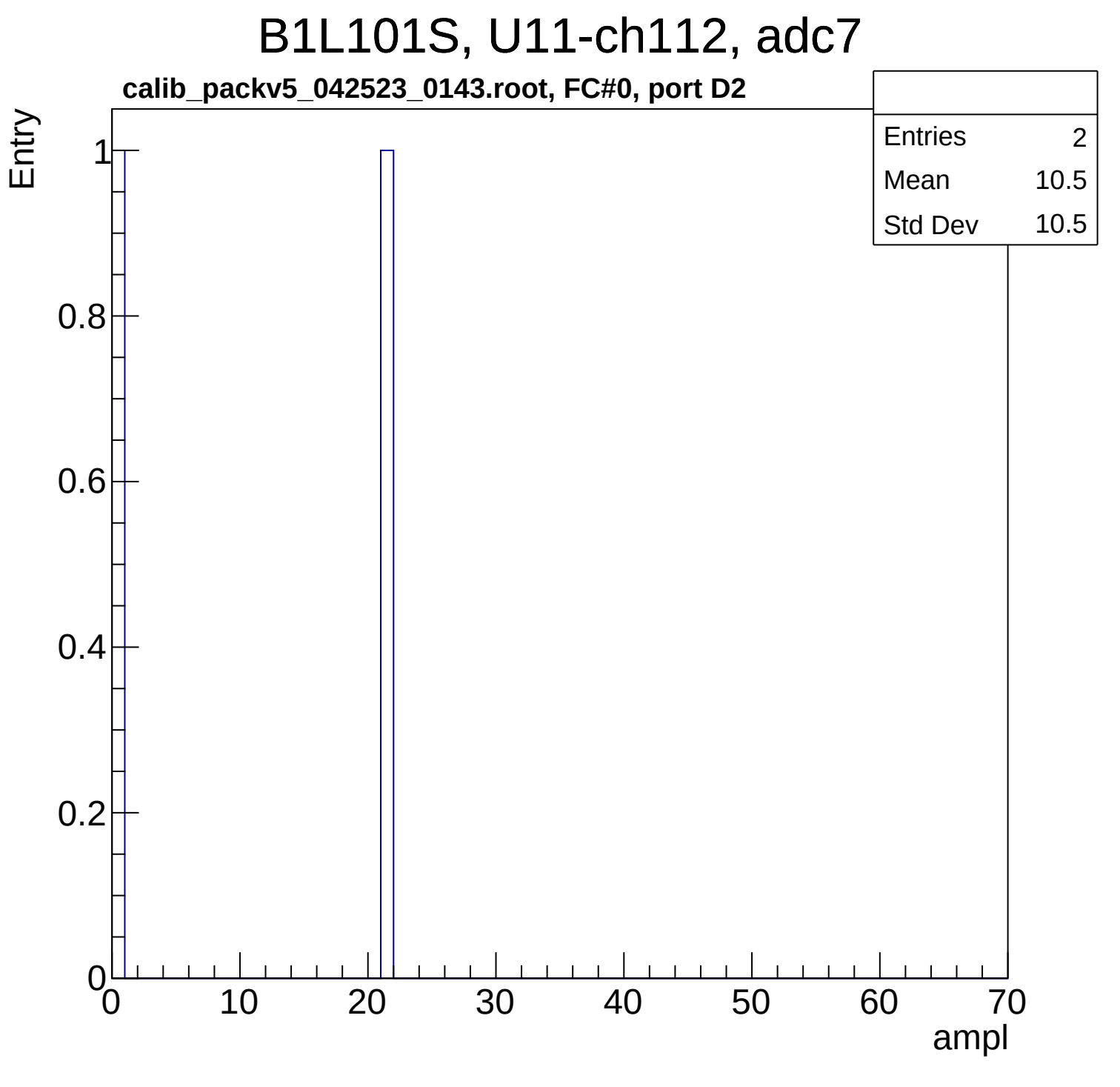
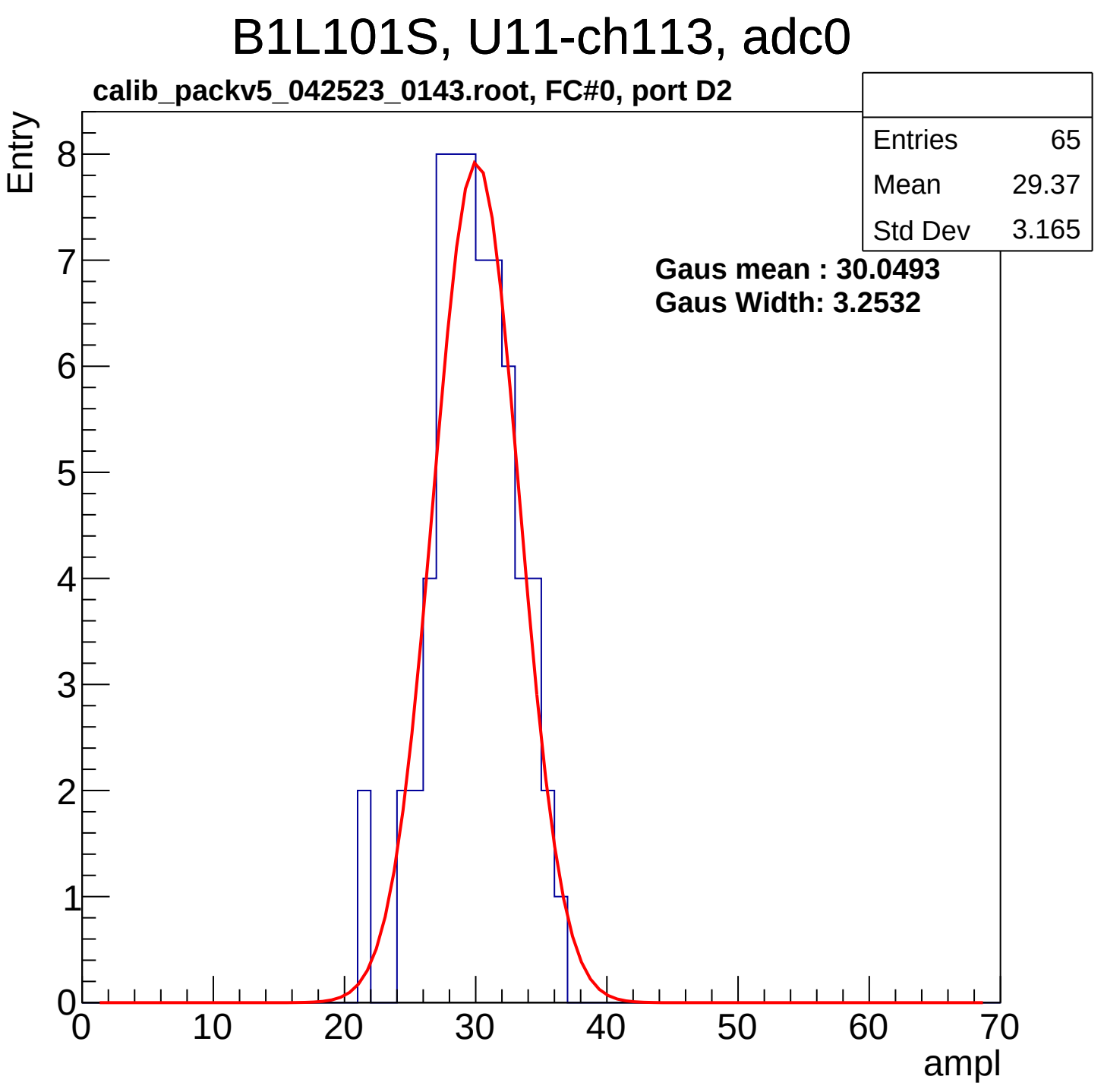
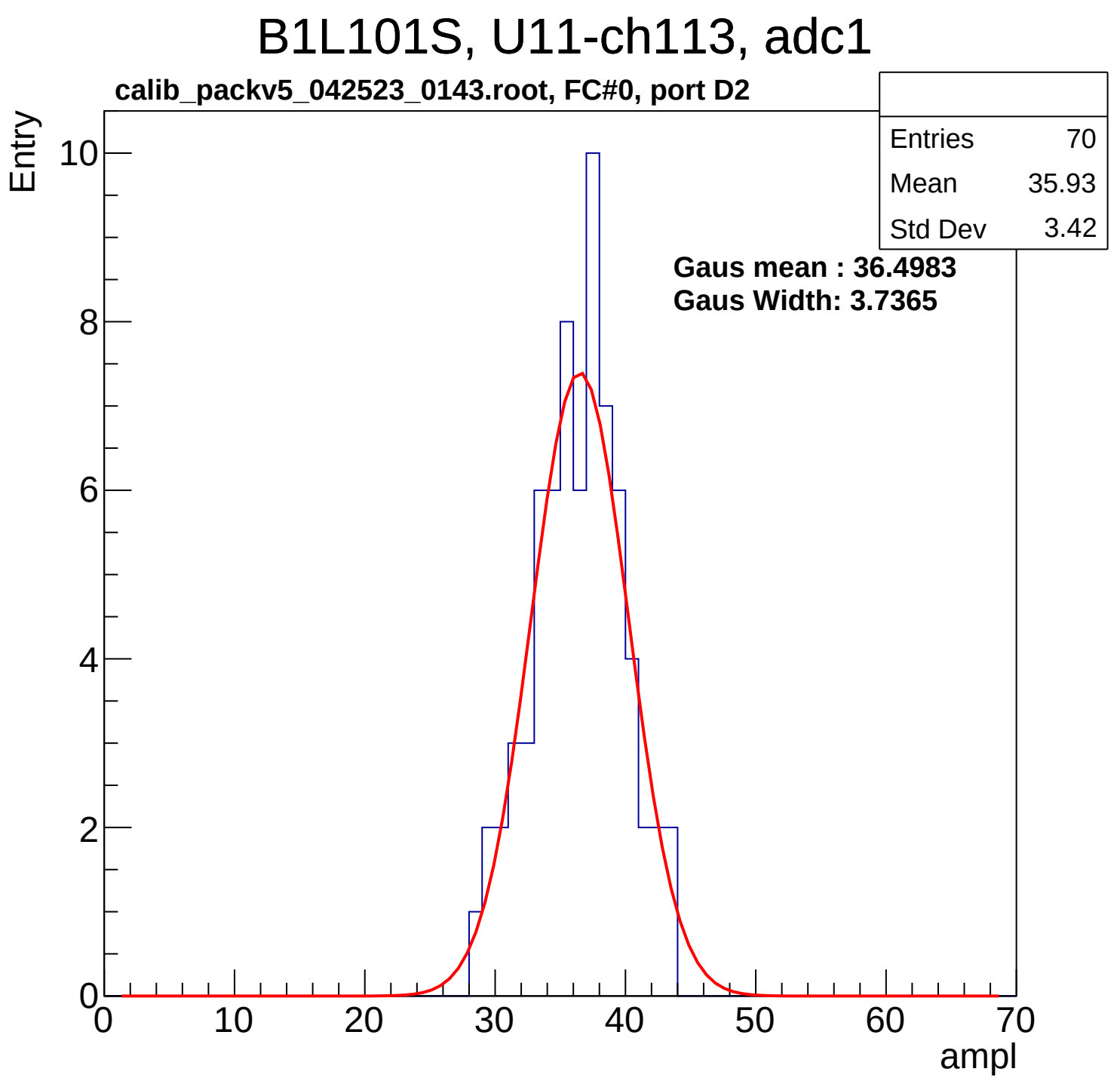
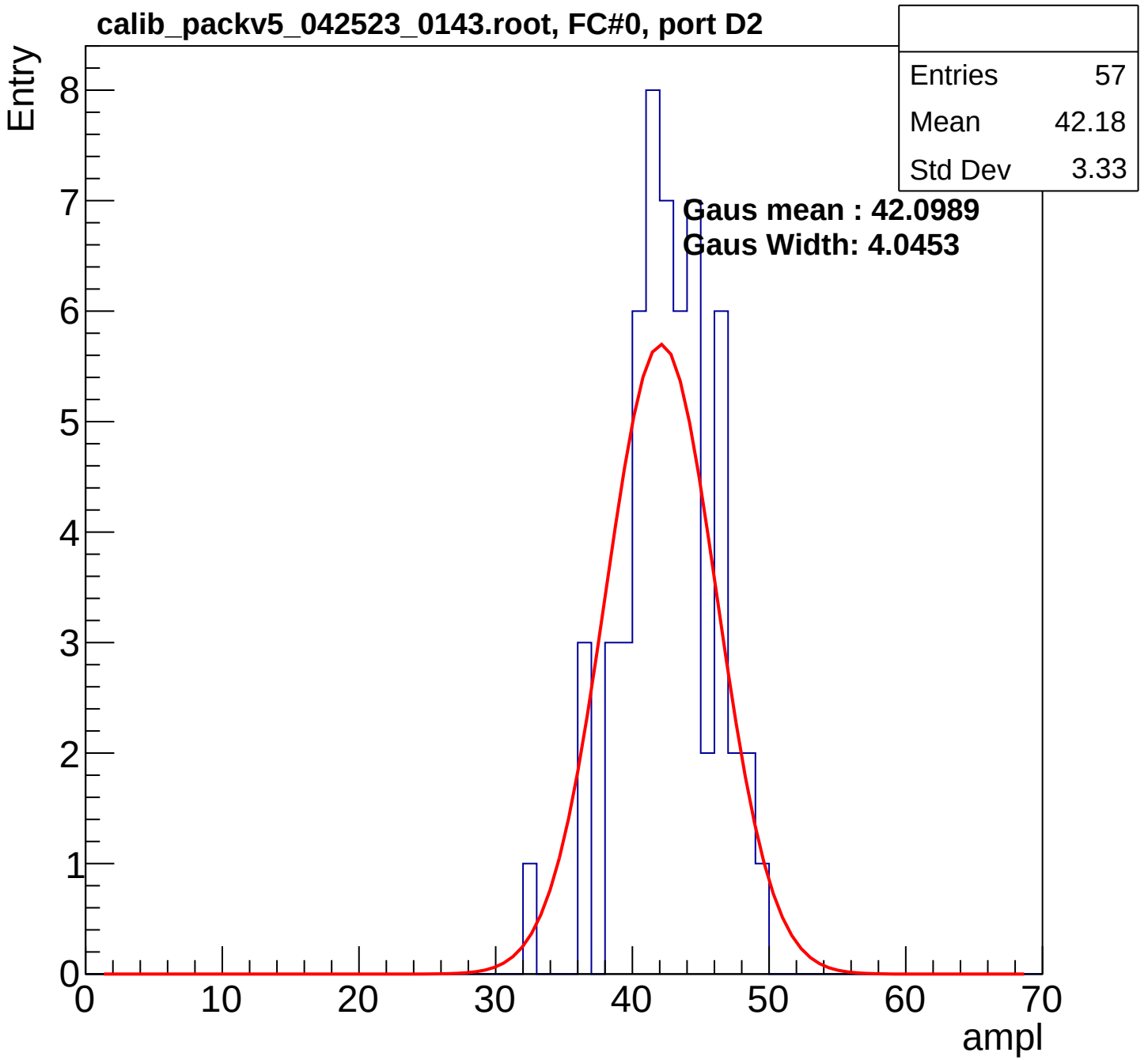

B1L101S, U11-ch112, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 62
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U11-ch112, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch113, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 29.37
Std Dev 3.165
Gaus mean : 30.0493
Gaus Width: 3.2532
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch113, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 35.93
Std Dev 3.42
Gaus mean : 36.4983
Gaus Width: 3.7365
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch113, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 42.18
Std Dev 3.33
Gaus mean : 42.0989
Gaus Width: 4.0453
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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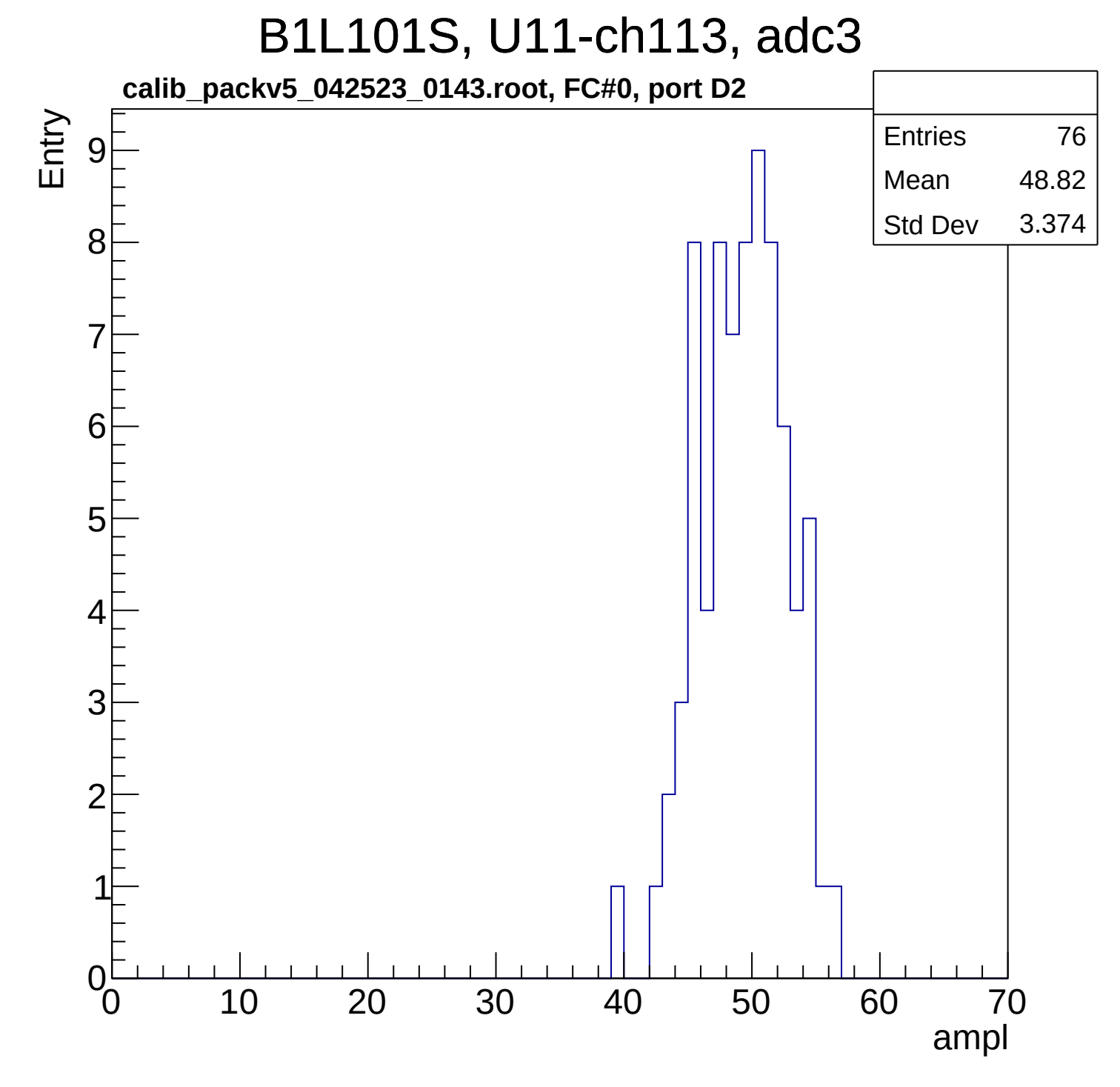
B1L101S, U11-ch113, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 76
Mean 48.82
Std Dev 3.374
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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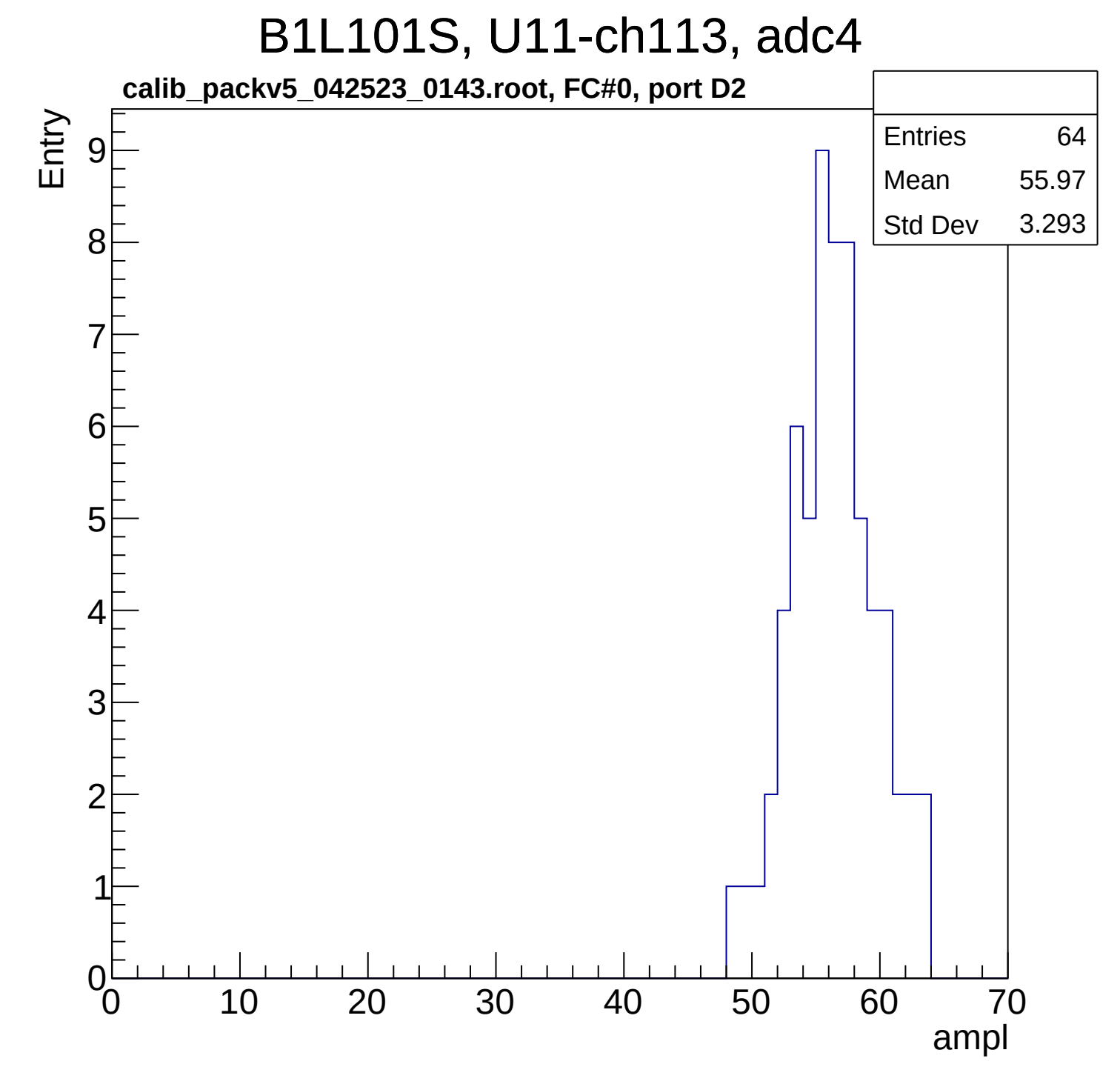
B1L101S, U11-ch113, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 55.97
Std Dev 3.293
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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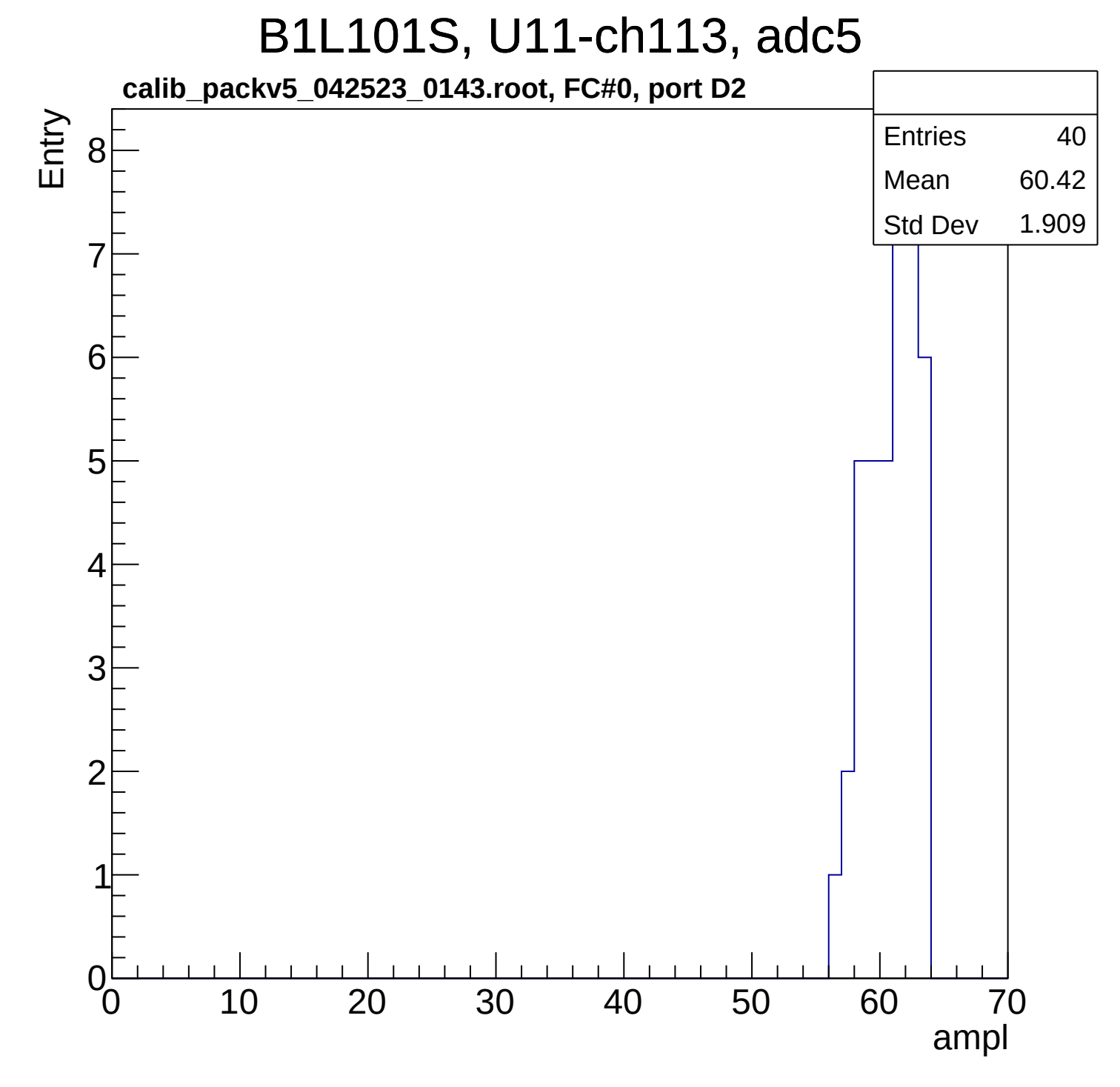
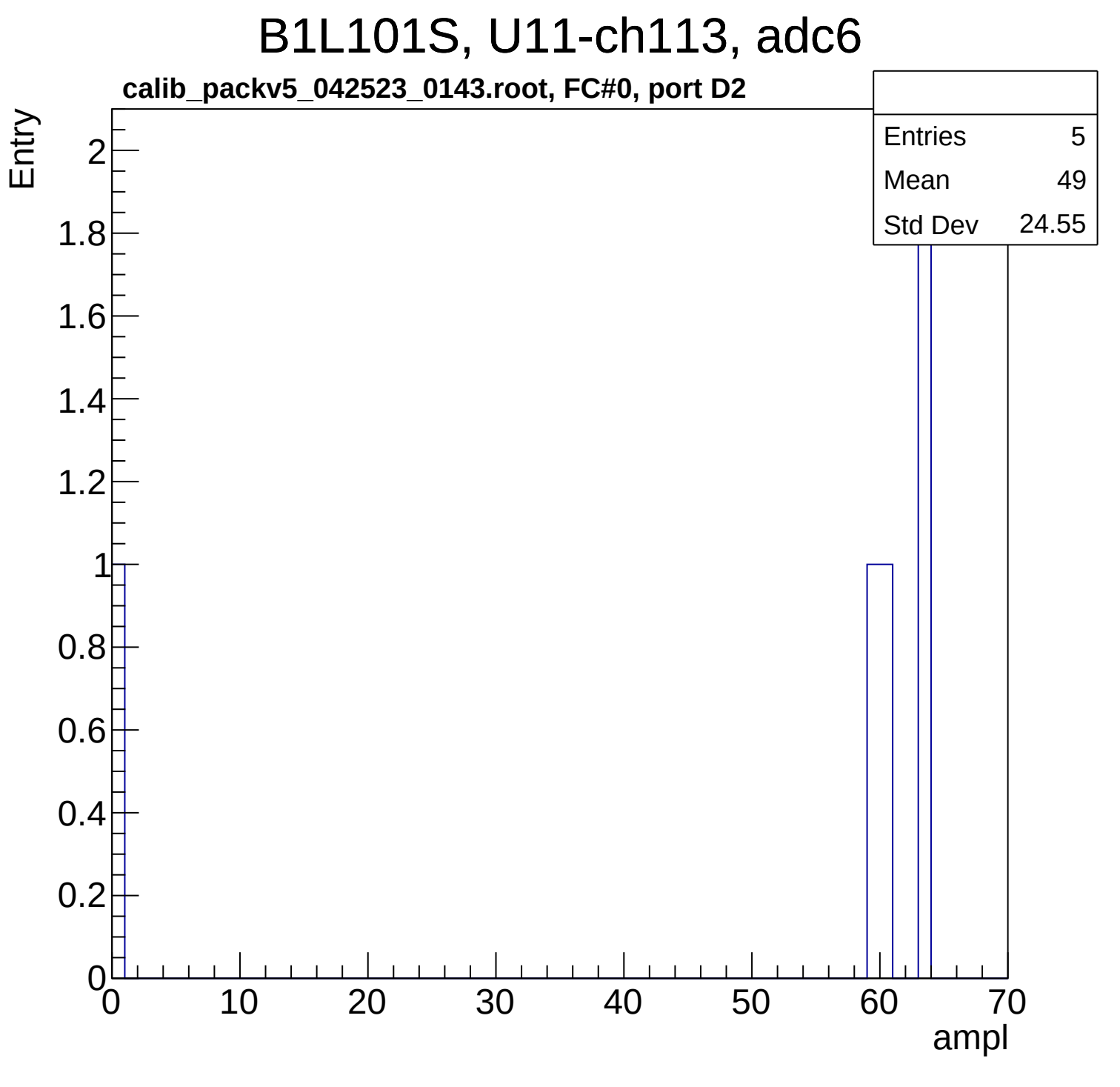

B1L101S, U11-ch113, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 40
Mean 60.42
Std Dev 1.909
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch113, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 5
Mean 49
Std Dev 24.55
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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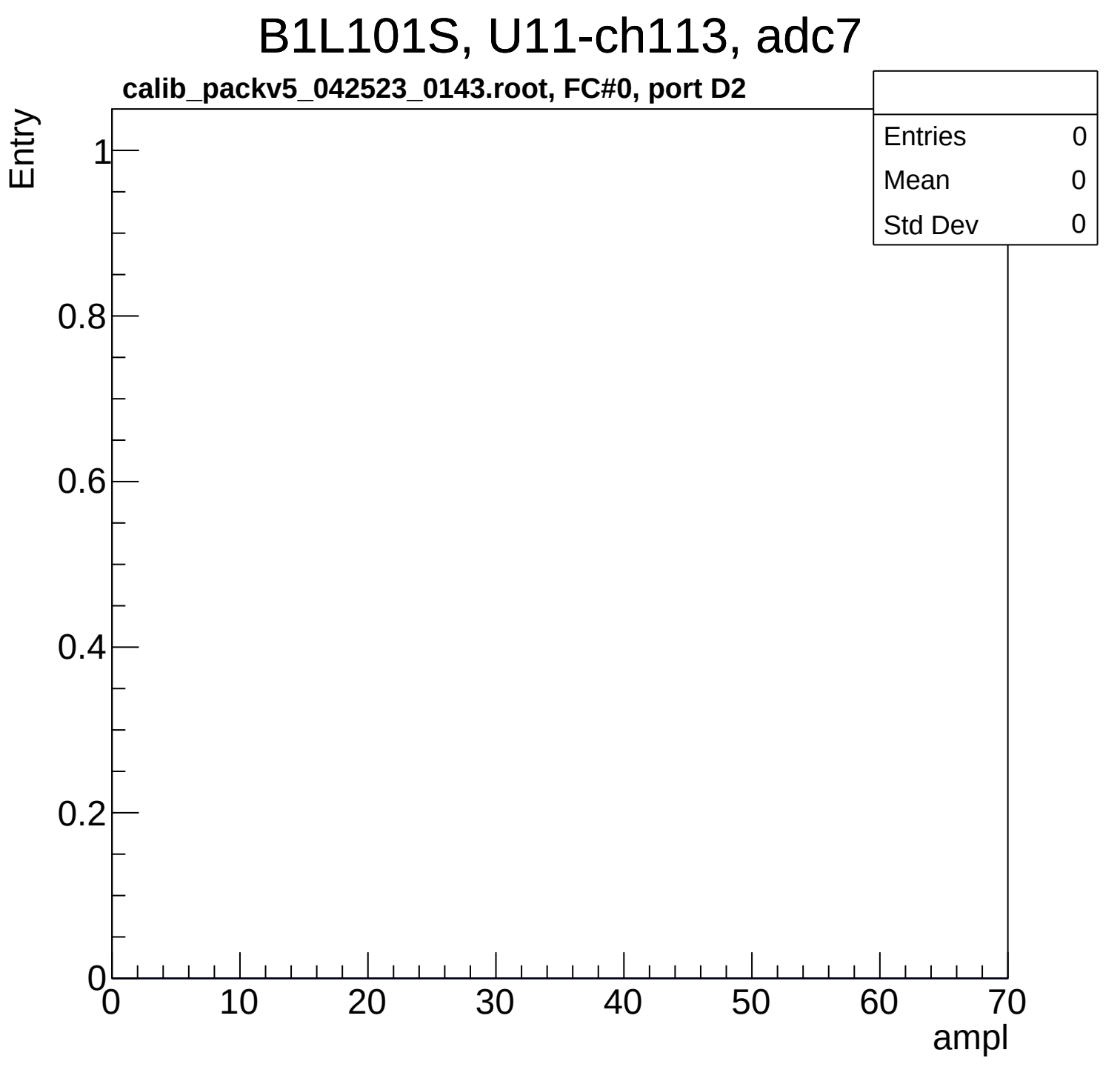
B1L101S, U11-ch113, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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0.8
0.6
0.4
0.2
0
0
10
20
30
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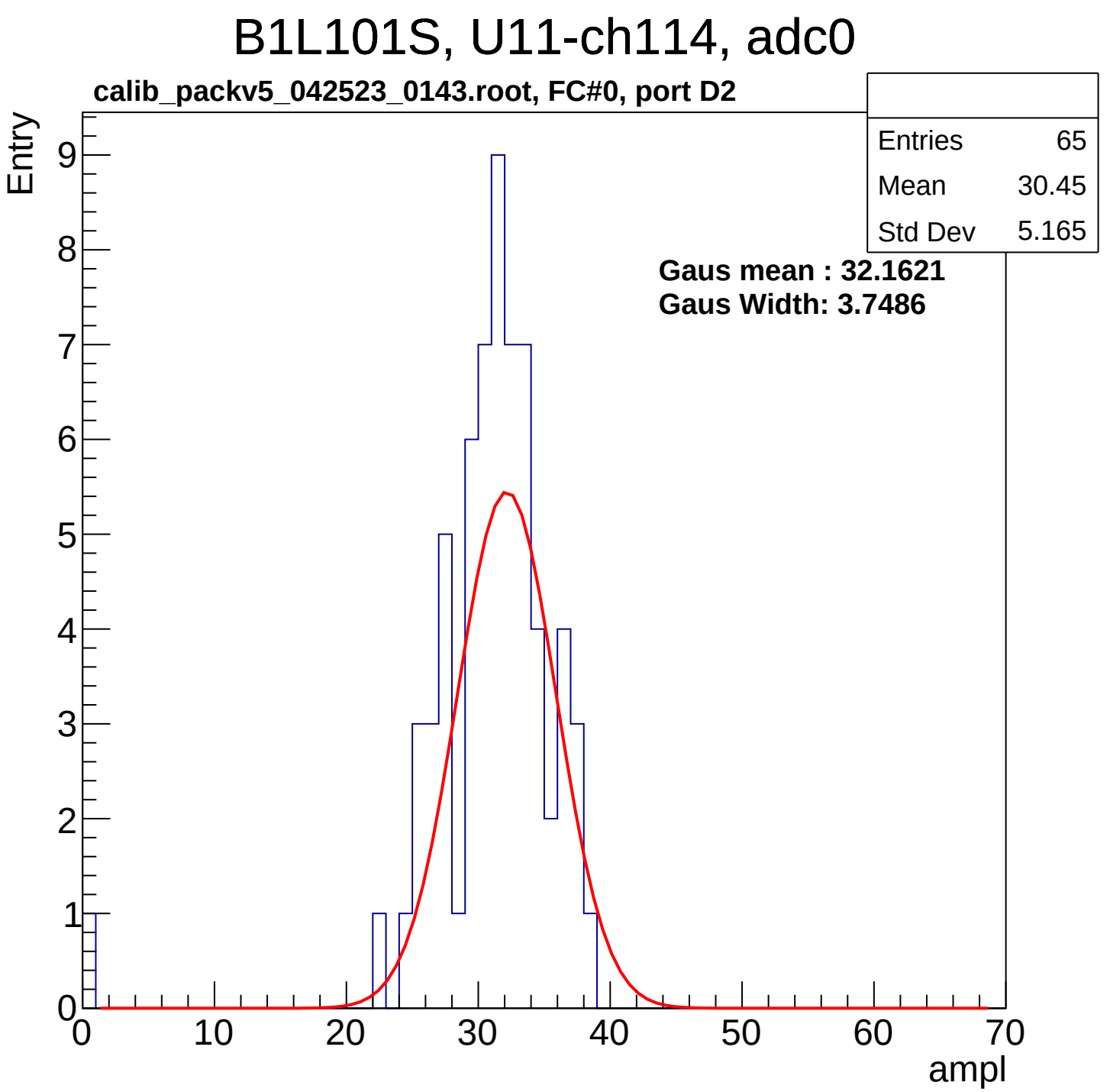
50
60
70
ampl


B1L101S, U11-ch114, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 30.45
Std Dev 5.165
Gaus mean : 32.1621
Gaus Width: 3.7486
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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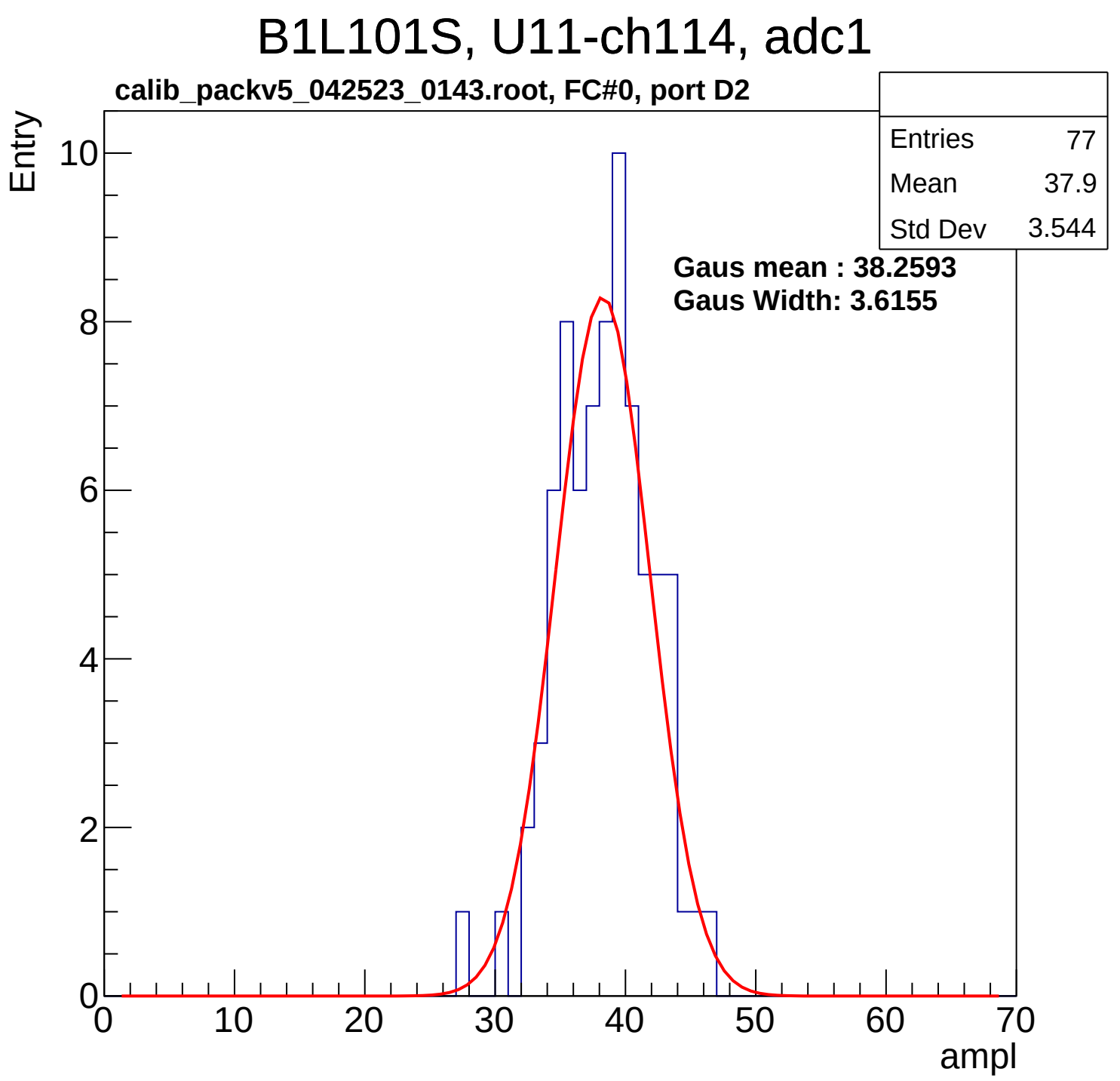
60
70


B1L101S, U11-ch114, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 77
Mean 37.9
Std Dev 3.544
Gaus mean : 38.2593
Gaus Width: 3.6155
Entry
ampl
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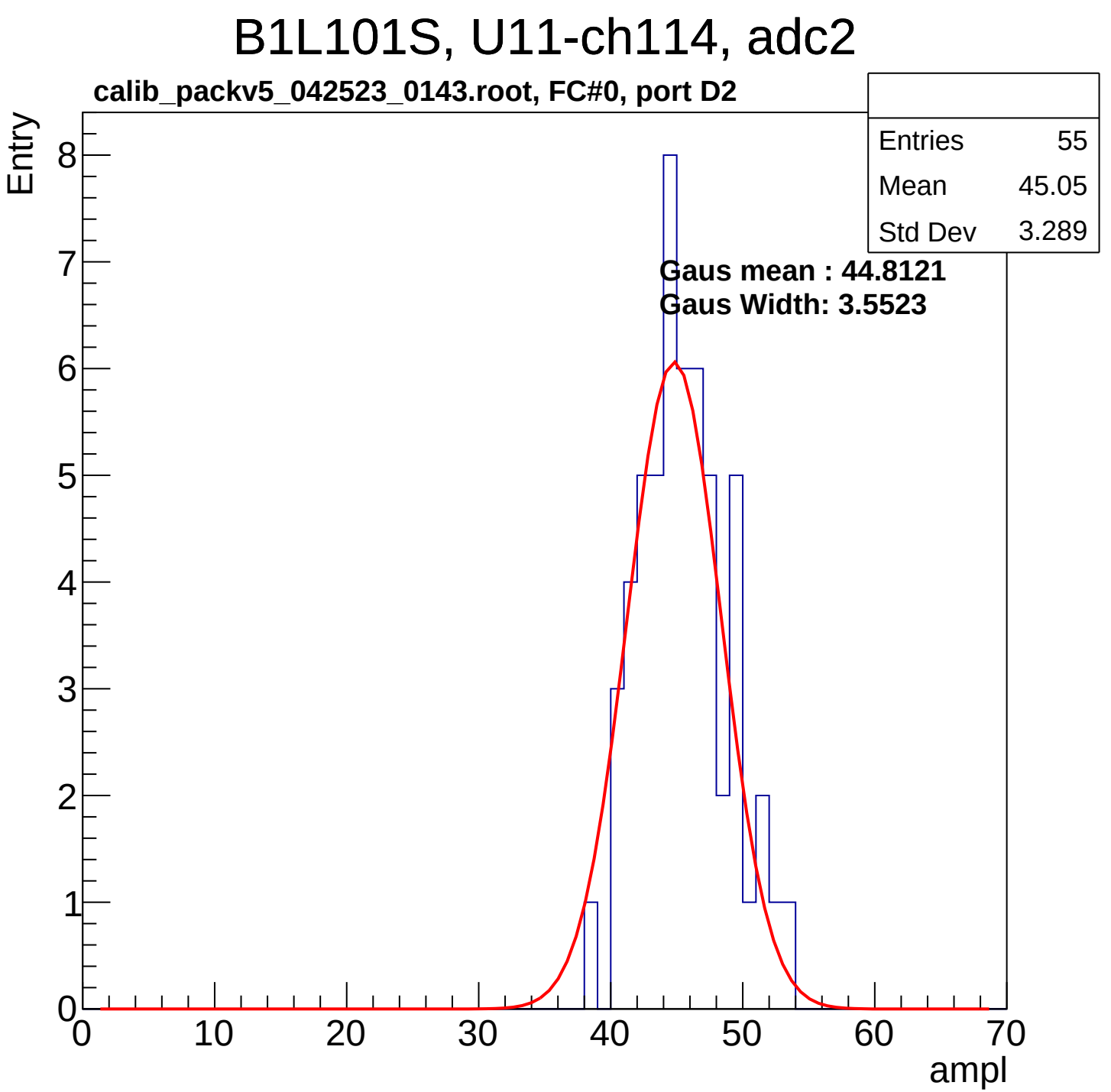
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch114, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 45.05
Std Dev 3.289
Gaus mean : 44.8121
Gaus Width: 3.5523
Entry
ampl
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2
3
4
5
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0
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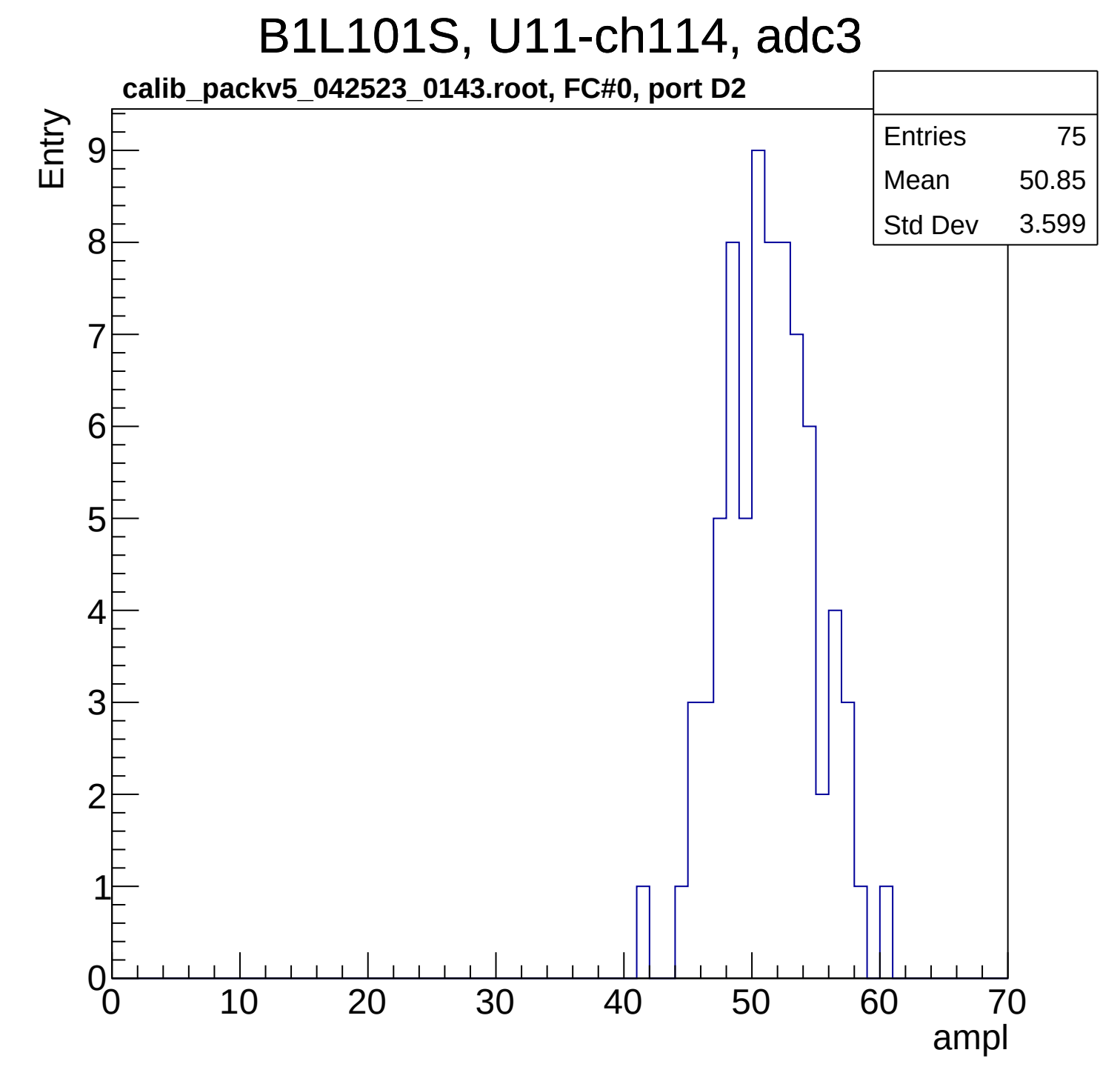
B1L101S, U11-ch114, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 75
Mean 50.85
Std Dev 3.599
Entry
ampl
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6
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0
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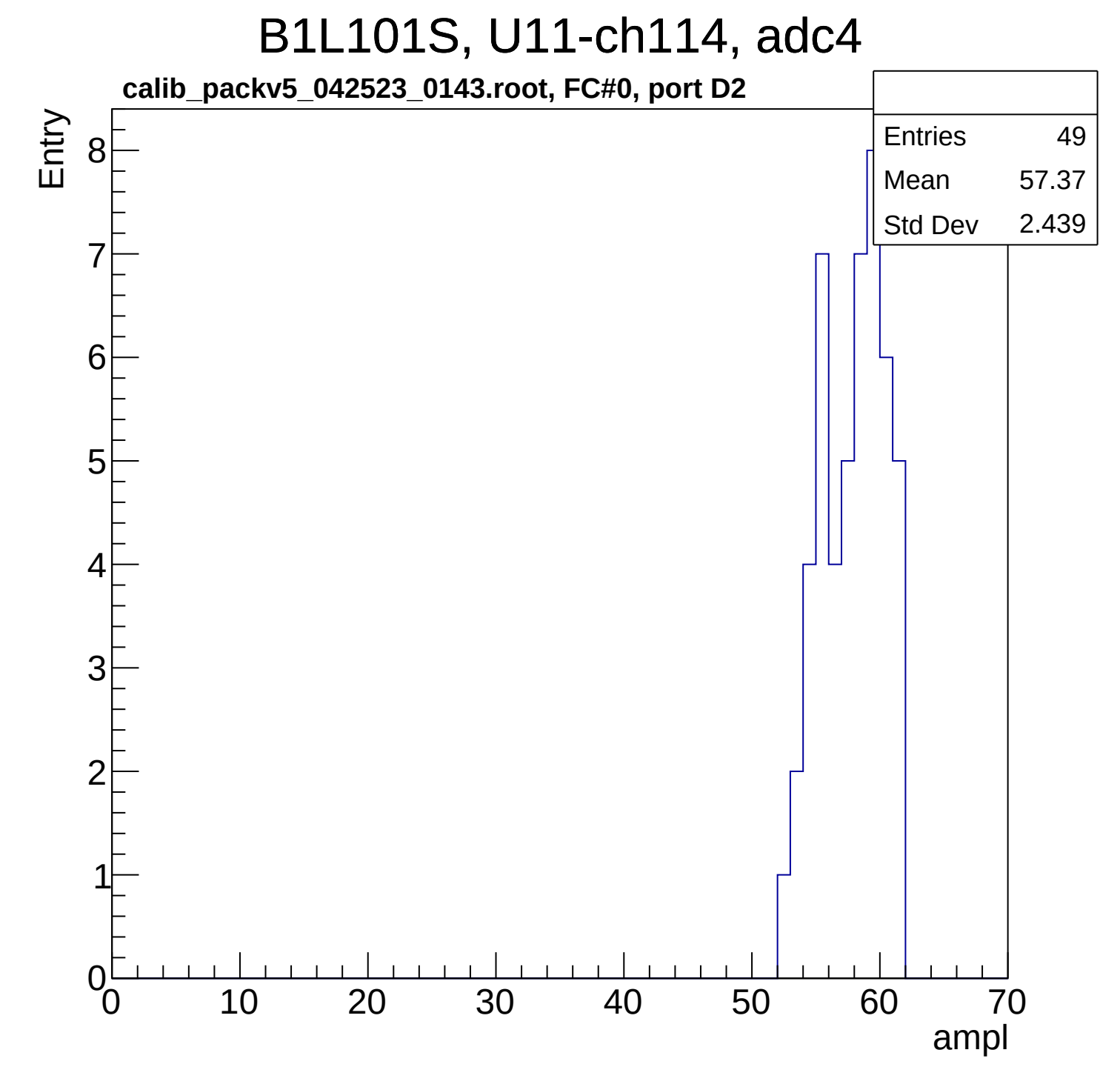
B1L101S, U11-ch114, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 49
Mean 57.37
Std Dev 2.439
Entry
ampl
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4
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7
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0
10
20
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40
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60
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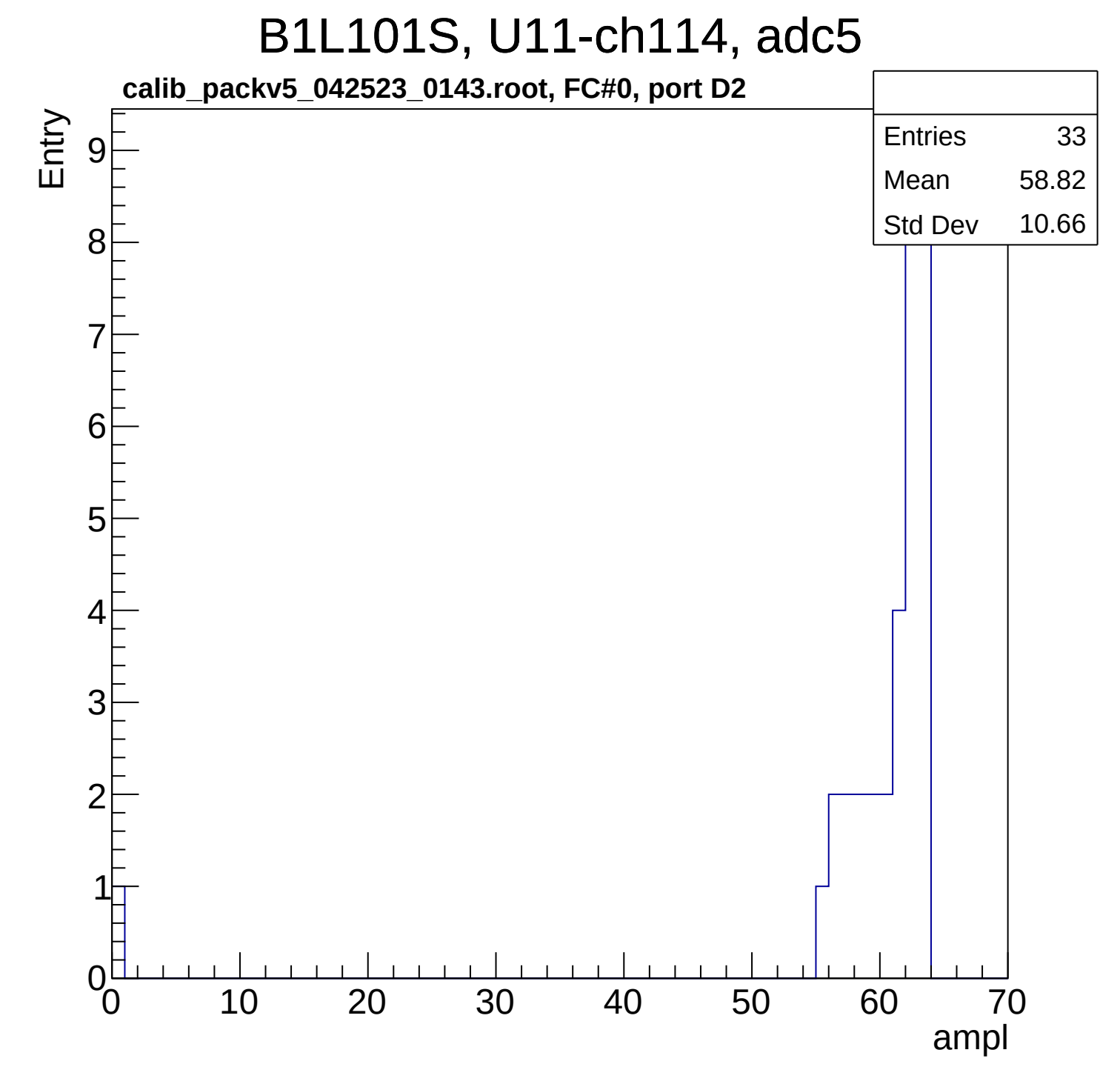
B1L101S, U11-ch114, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 33
Mean 58.82
Std Dev 10.66
Entry
ampl
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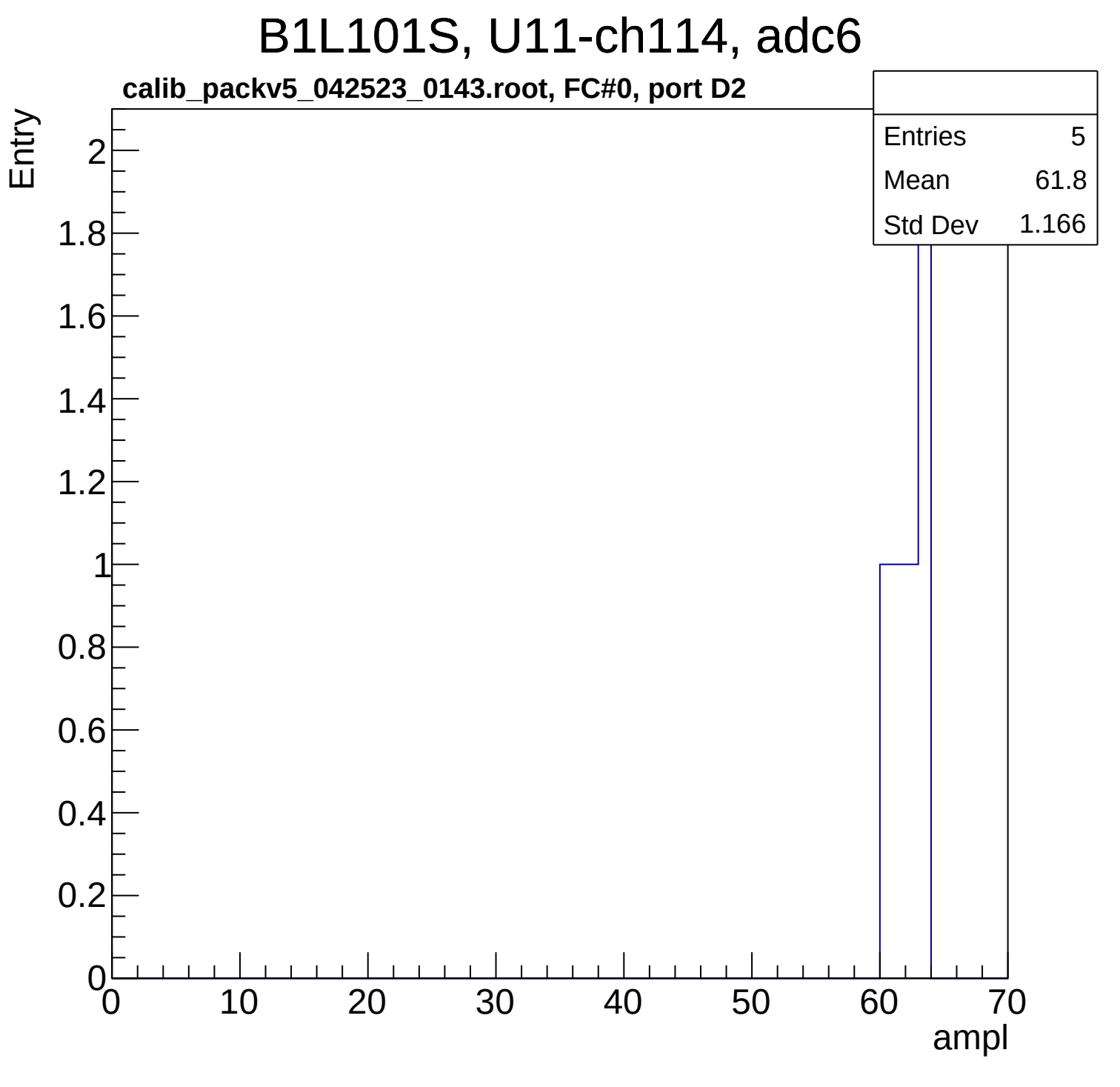
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch114, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 5
Mean 61.8
Std Dev 1.166
Entry
ampl
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0.2
0.4
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1.2
1.4
1.6
1.8
2
0
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40
50
60
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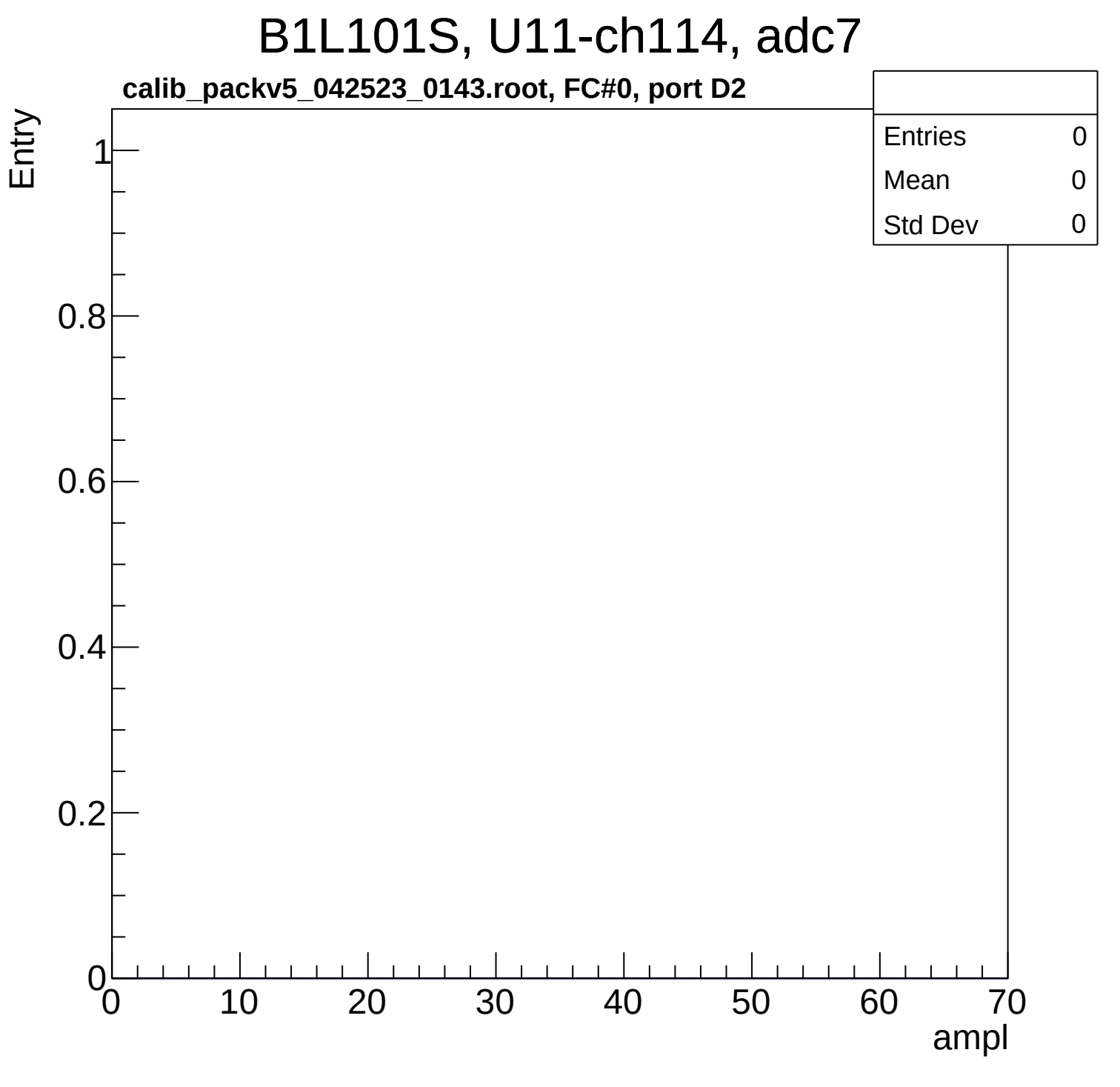
B1L101S, U11-ch114, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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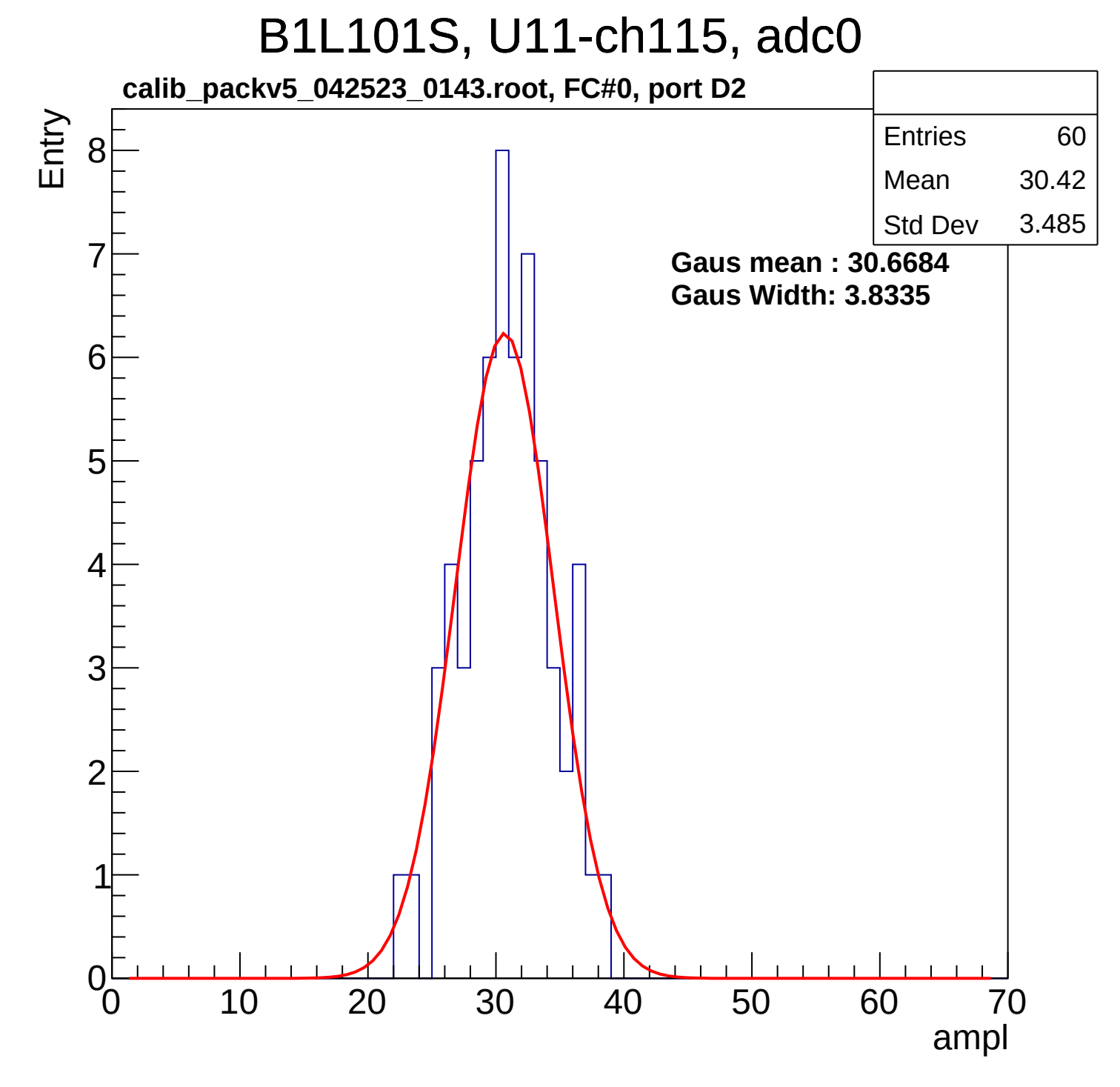
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch115, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 30.42
Std Dev 3.485
Gaus mean : 30.6684
Gaus Width: 3.8335
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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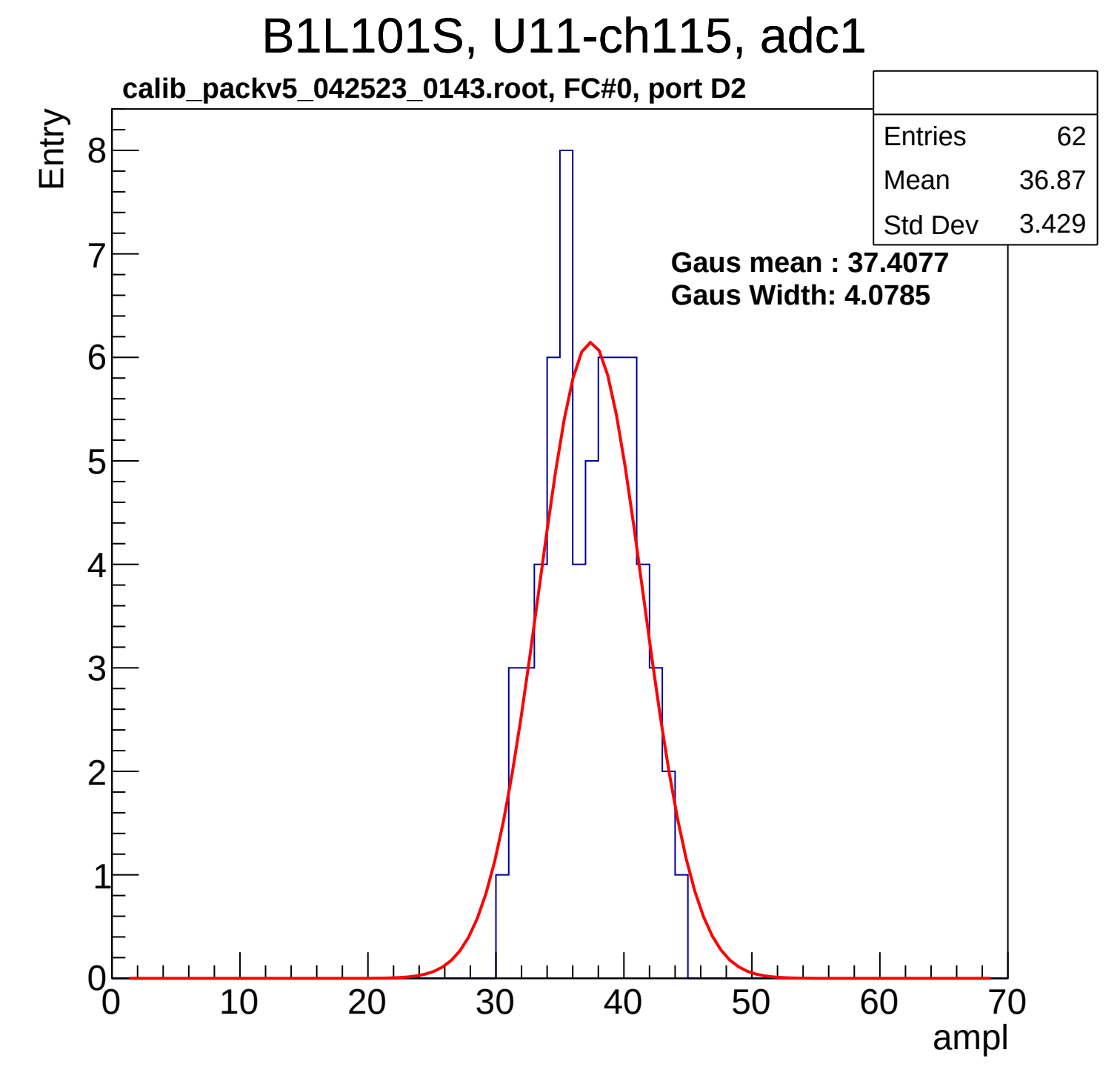
B1L101S, U11-ch115, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 36.87
Std Dev 3.429
Gaus mean : 37.4077
Gaus Width: 4.0785
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
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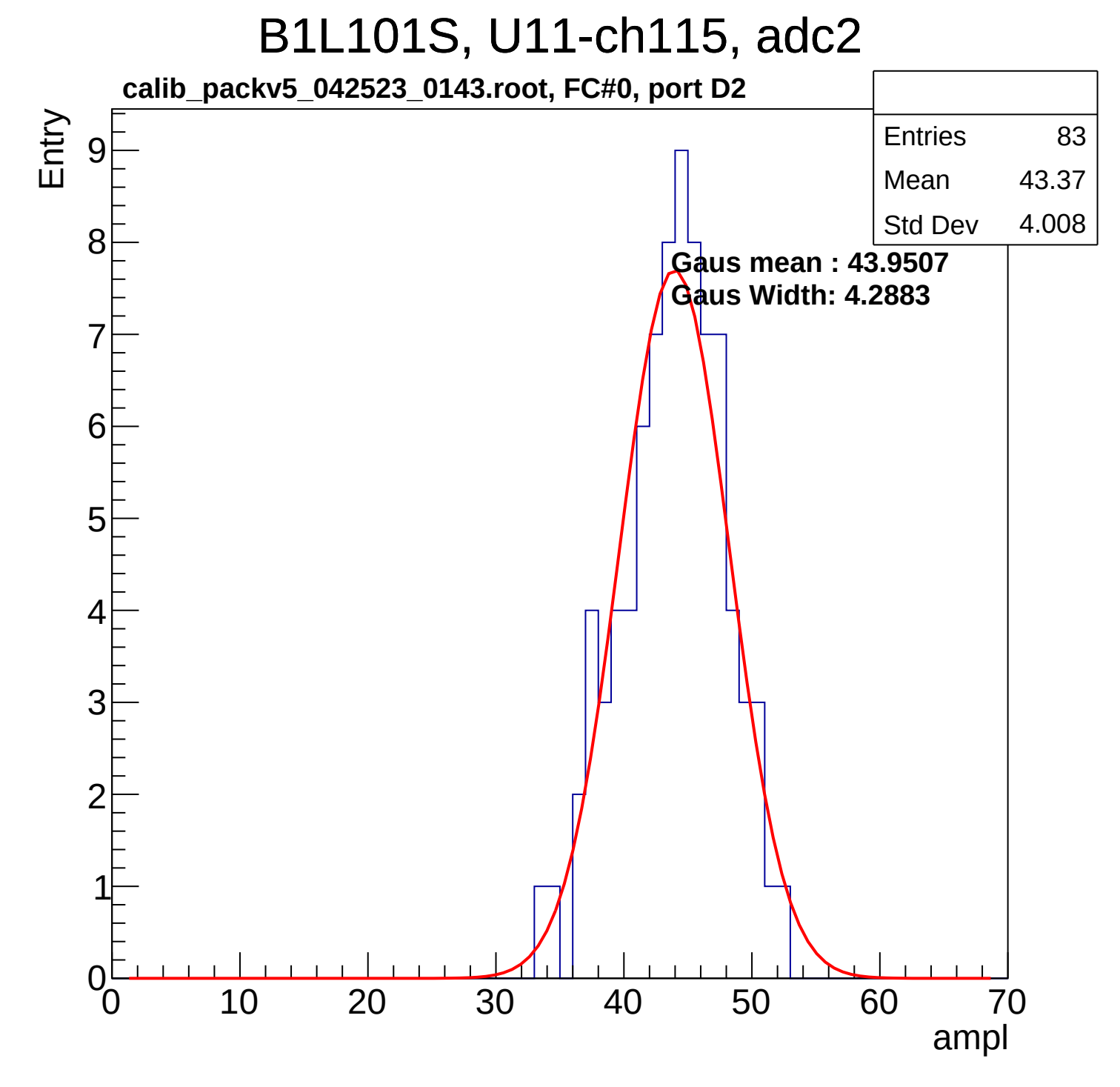
B1L101S, U11-ch115, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 83
Mean 43.37
Std Dev 4.008
Gaus mean : 43.9507
Gaus Width: 4.2883
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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60
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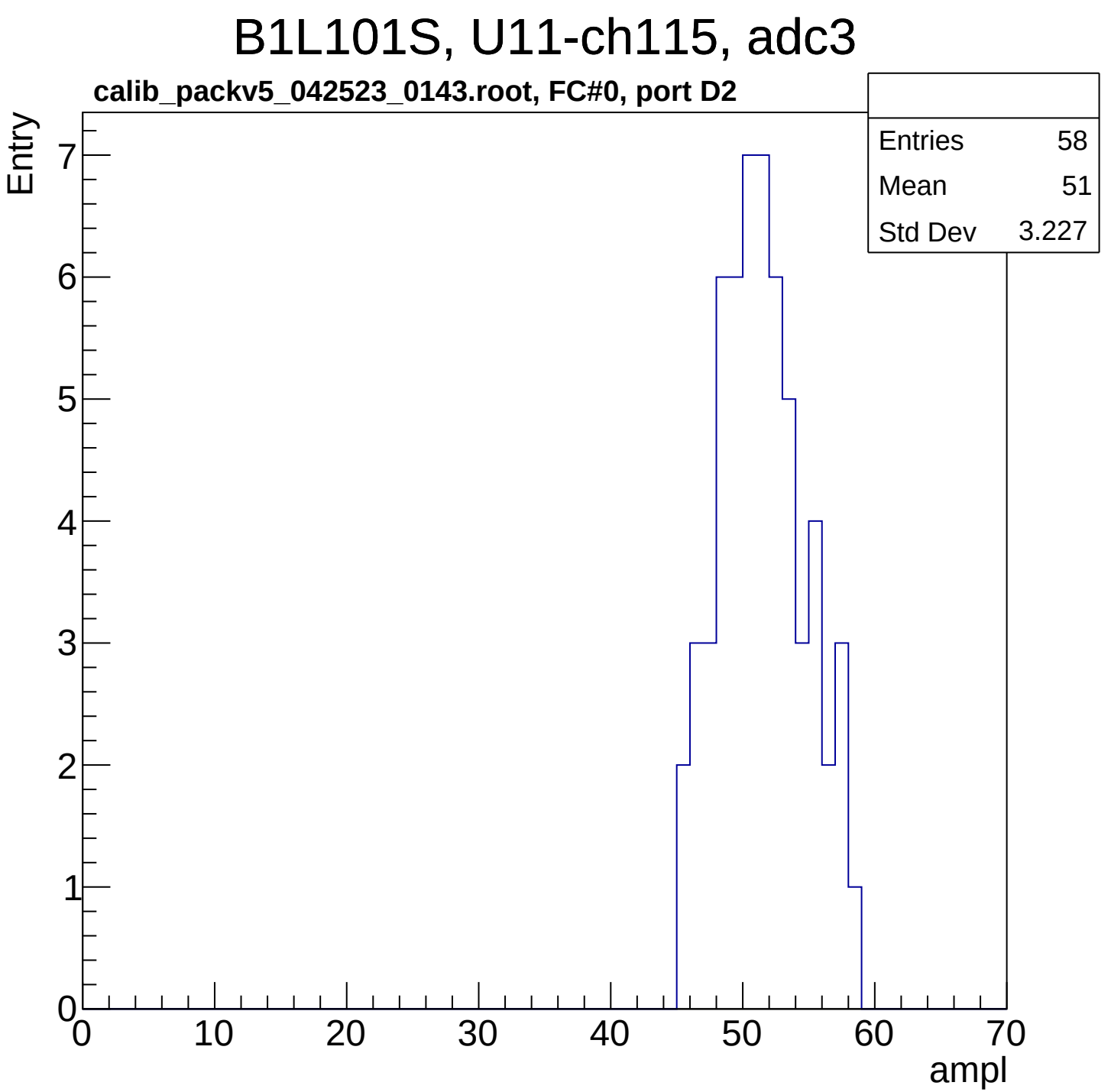
B1L101S, U11-ch115, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 51
Std Dev 3.227
Entry
ampl
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6
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0
10
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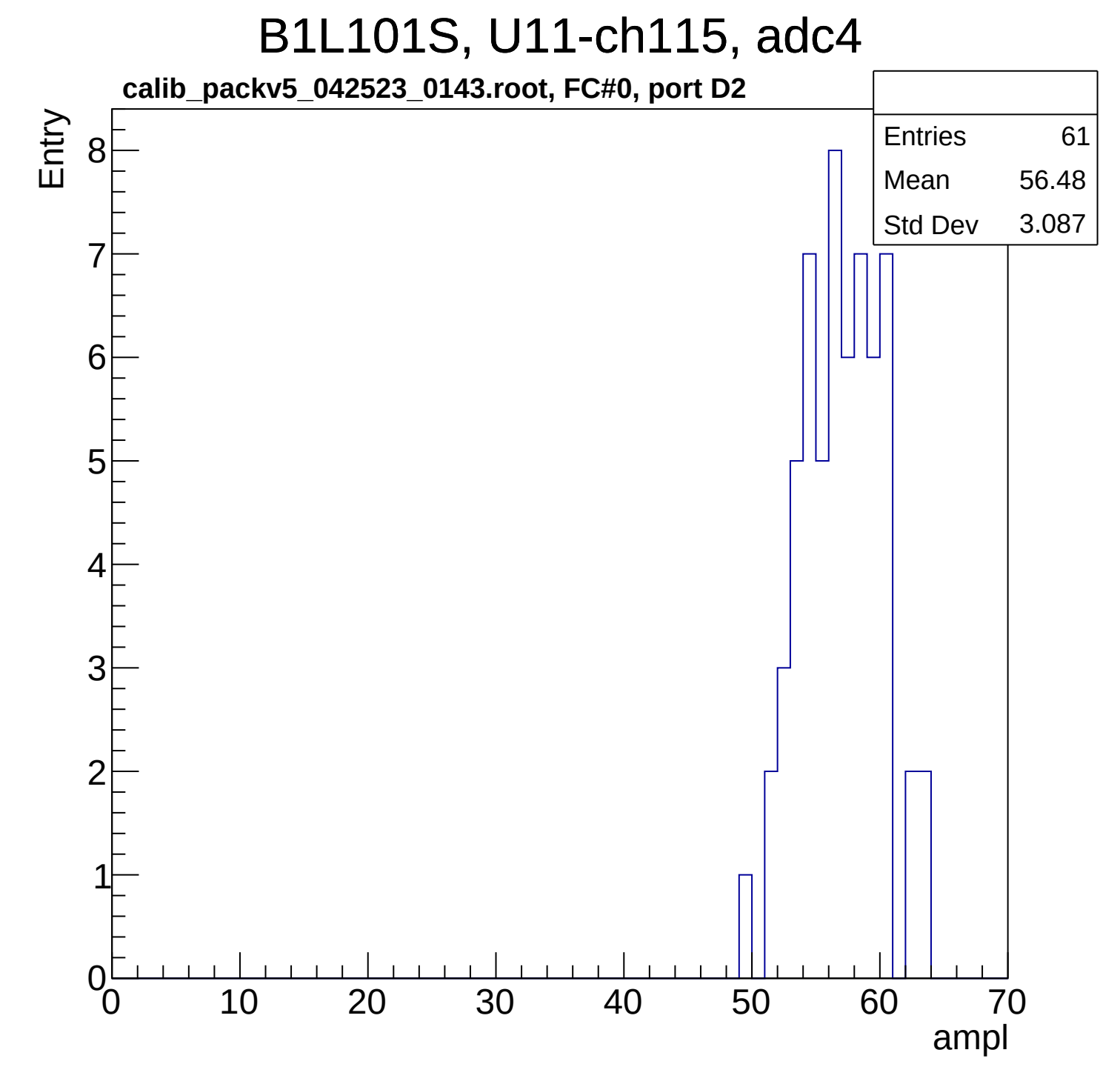
40
50
60
70


B1L101S, U11-ch115, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 56.48
Std Dev 3.087
Entry
ampl
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1
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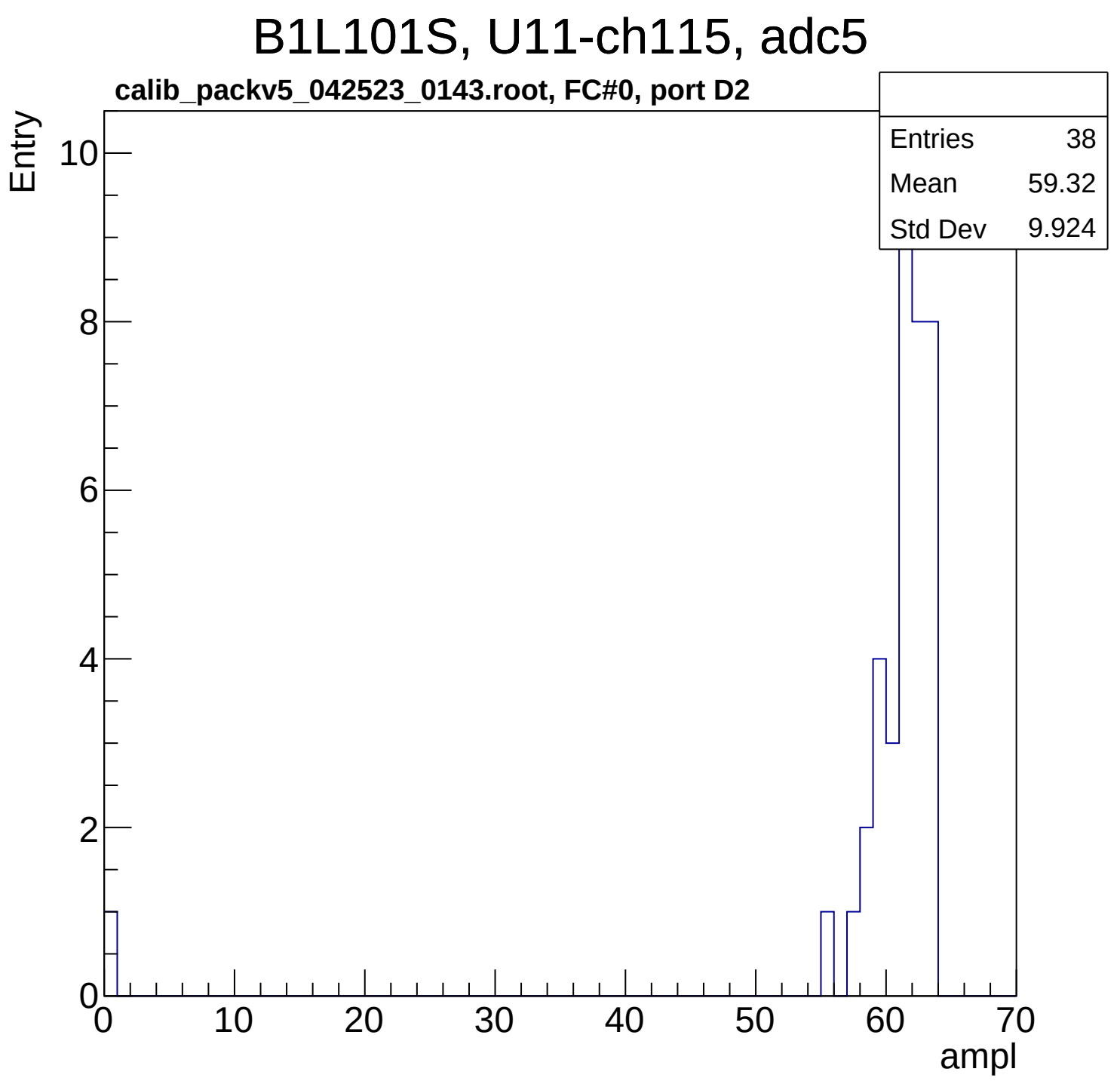
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch115, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 38
Mean 59.32
Std Dev 9.924
Entry
ampl
0
2
4
6
8
10
0
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40
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60
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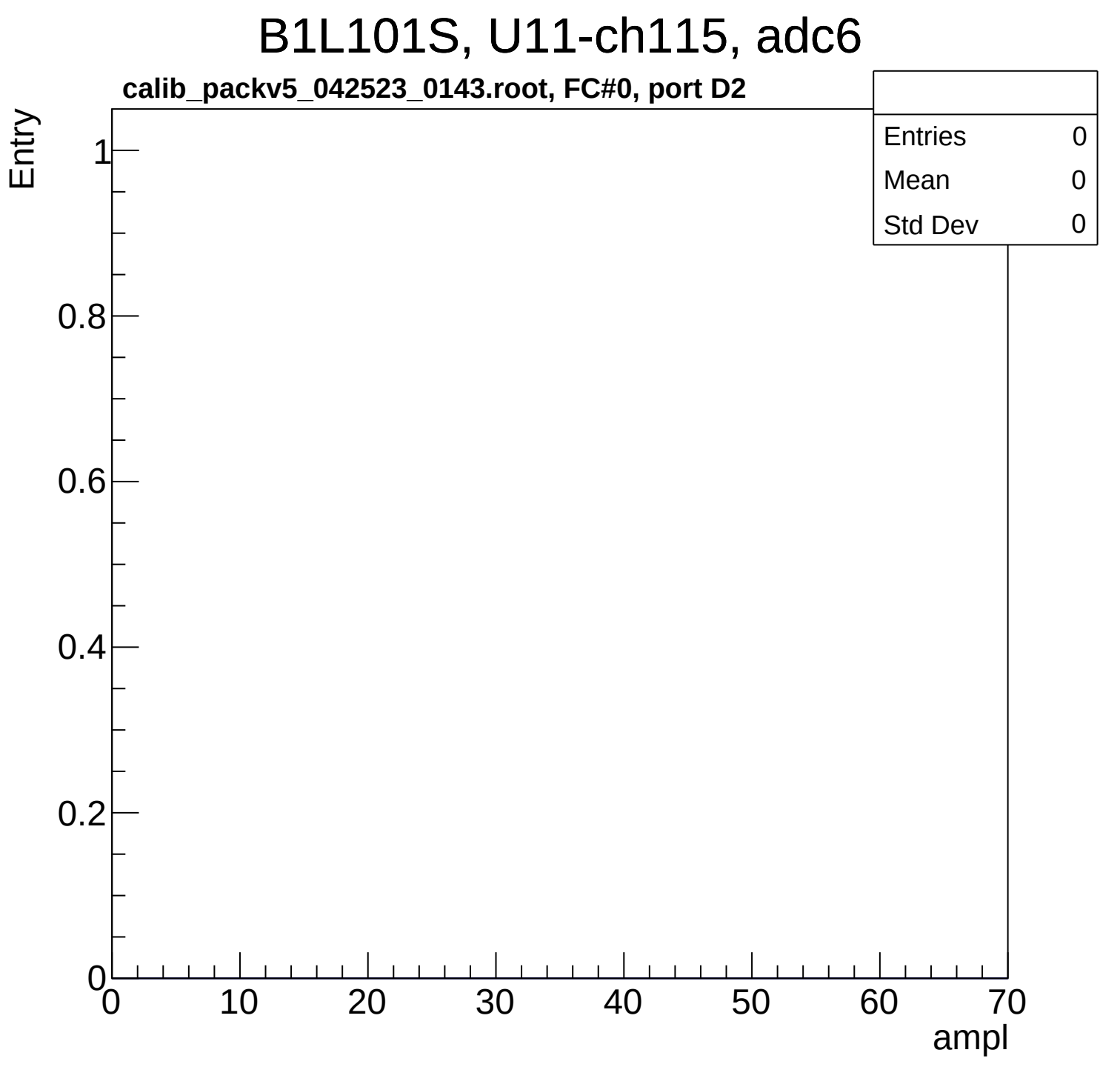
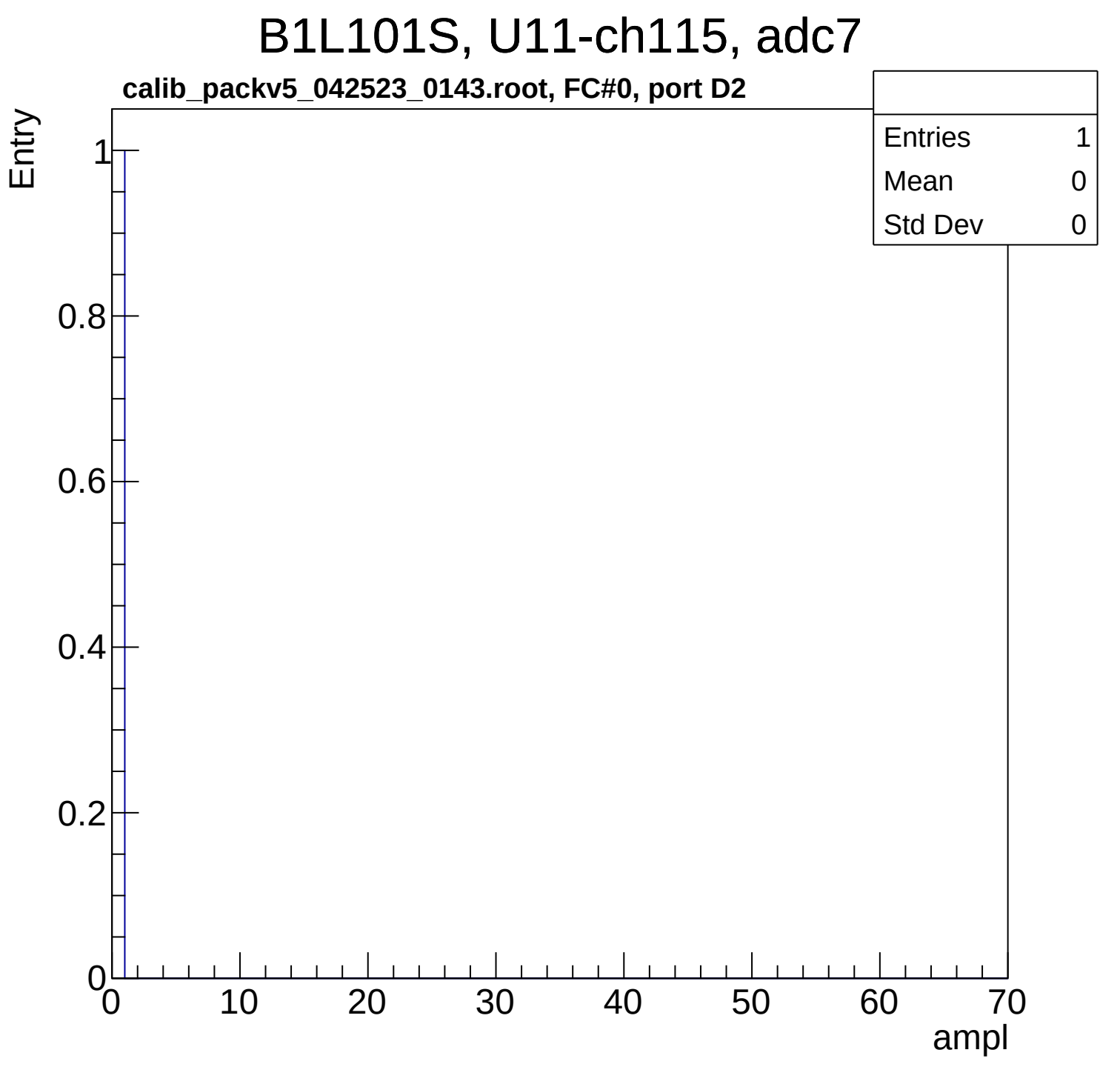
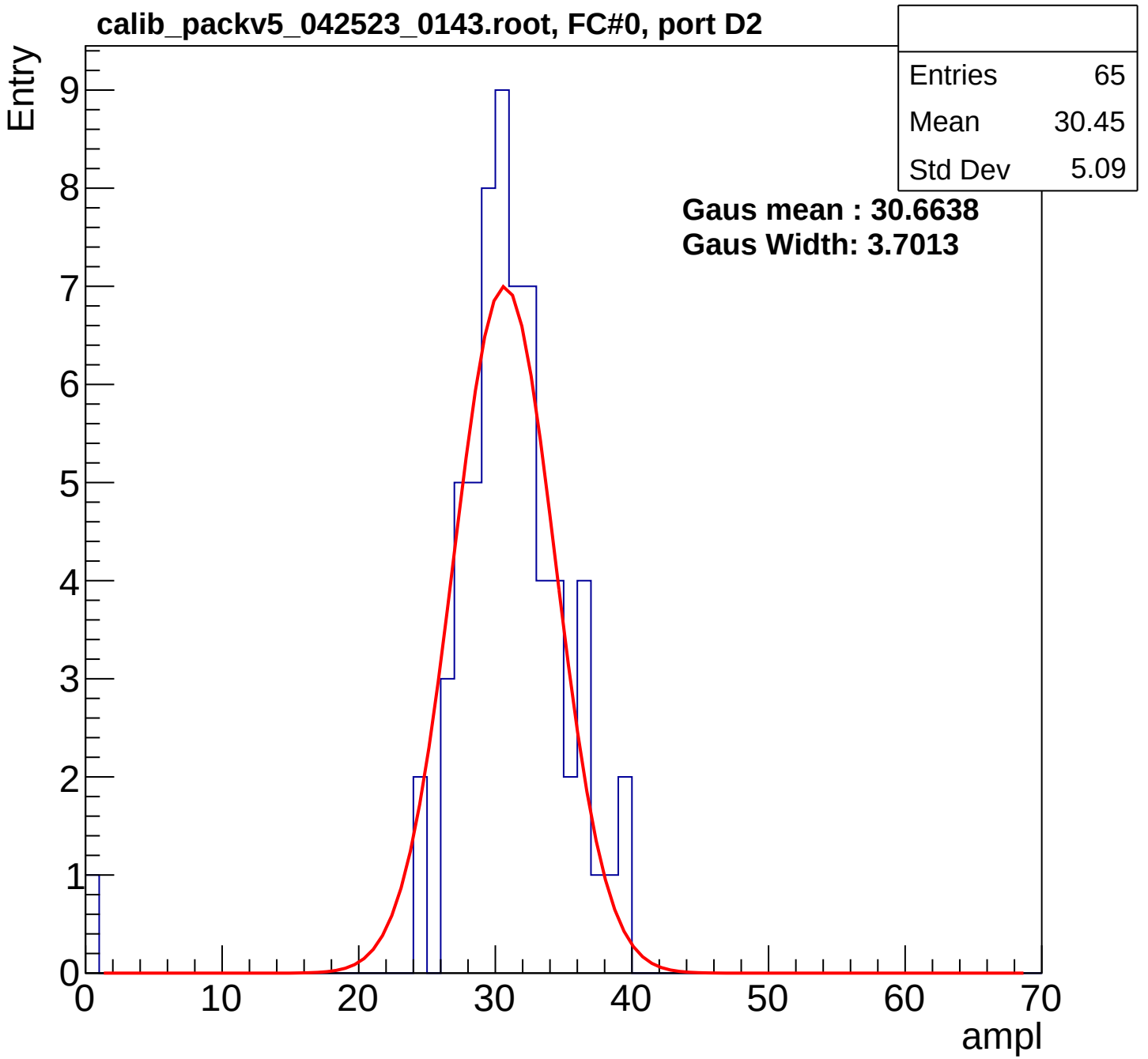
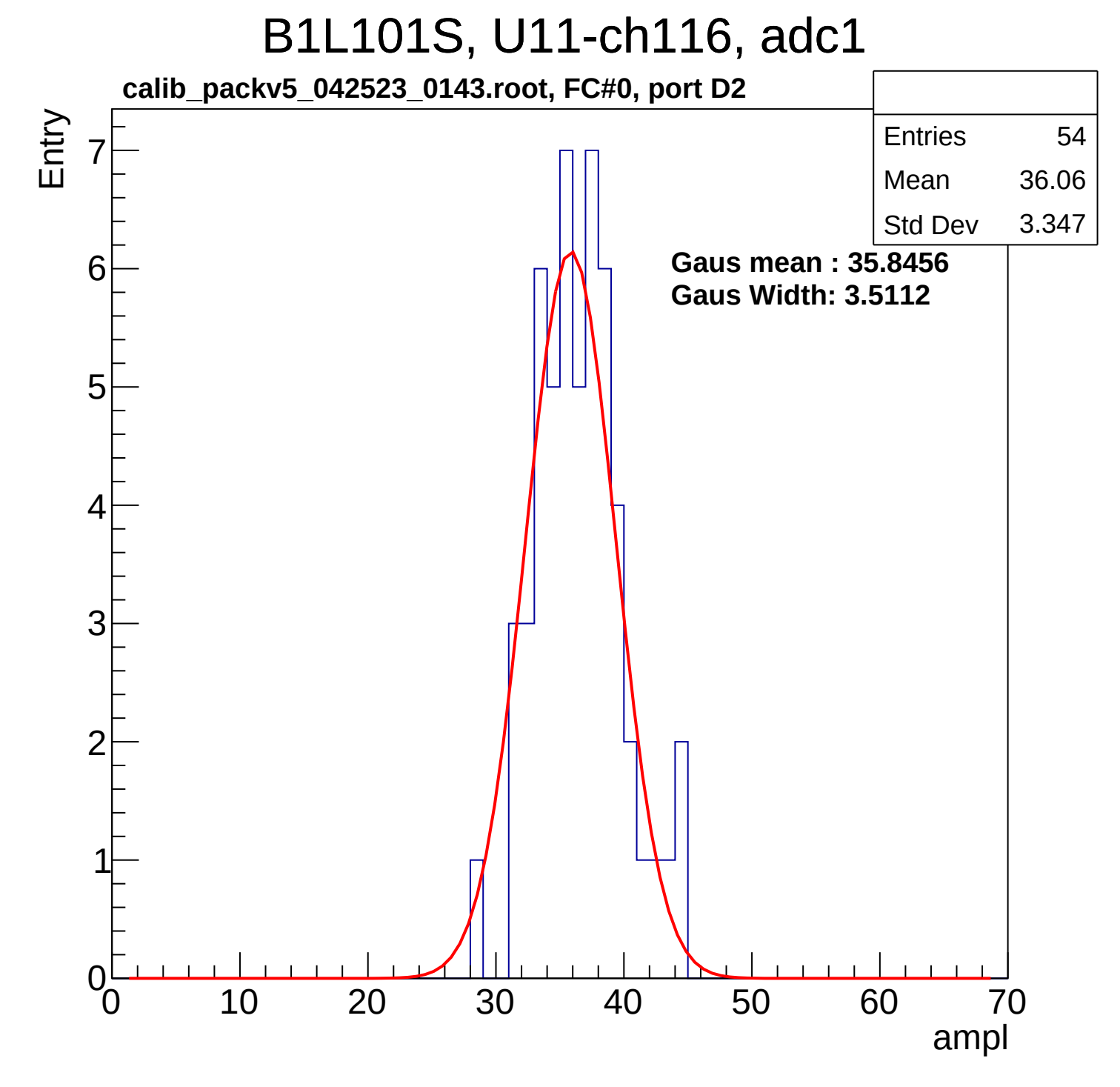
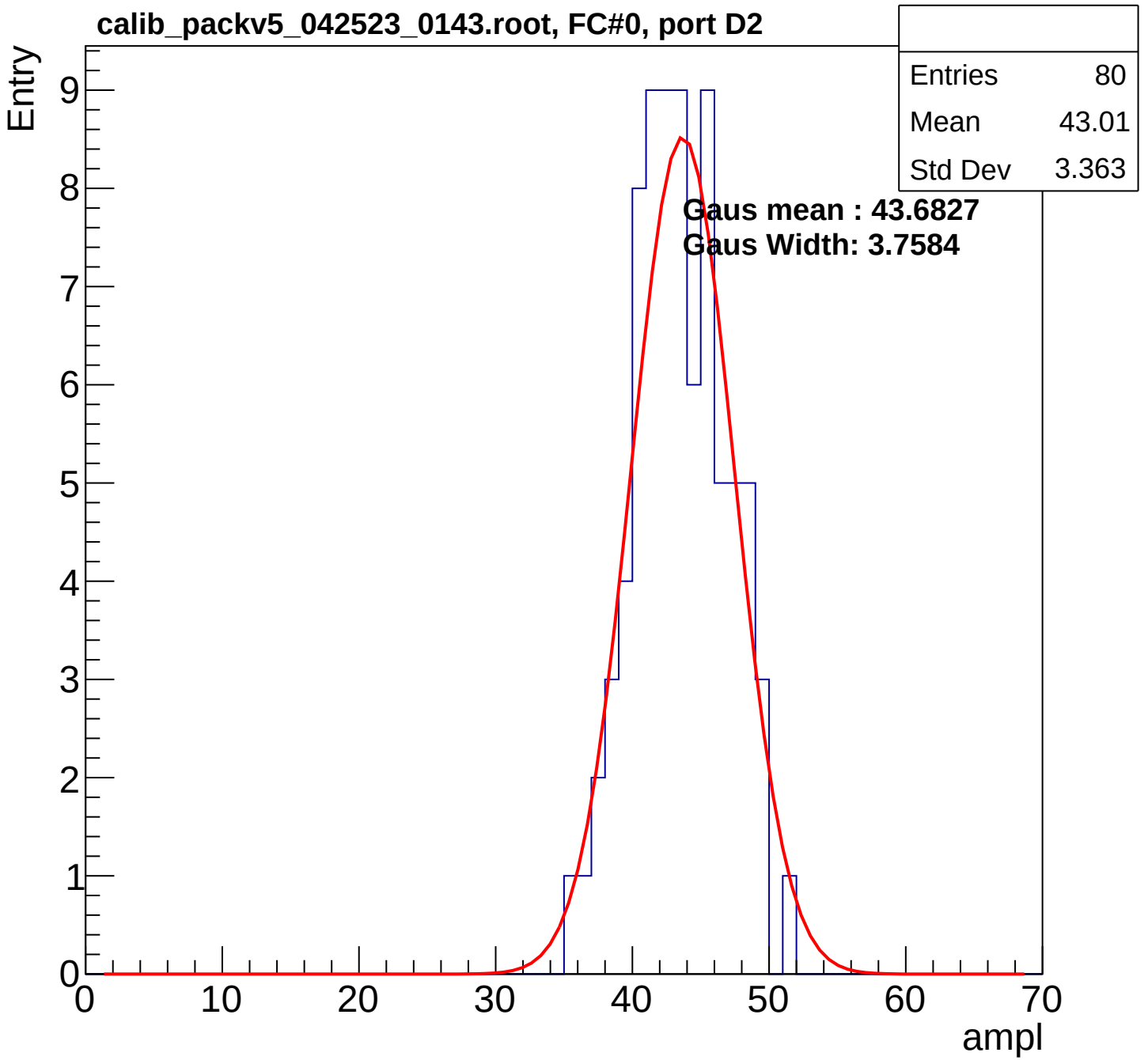
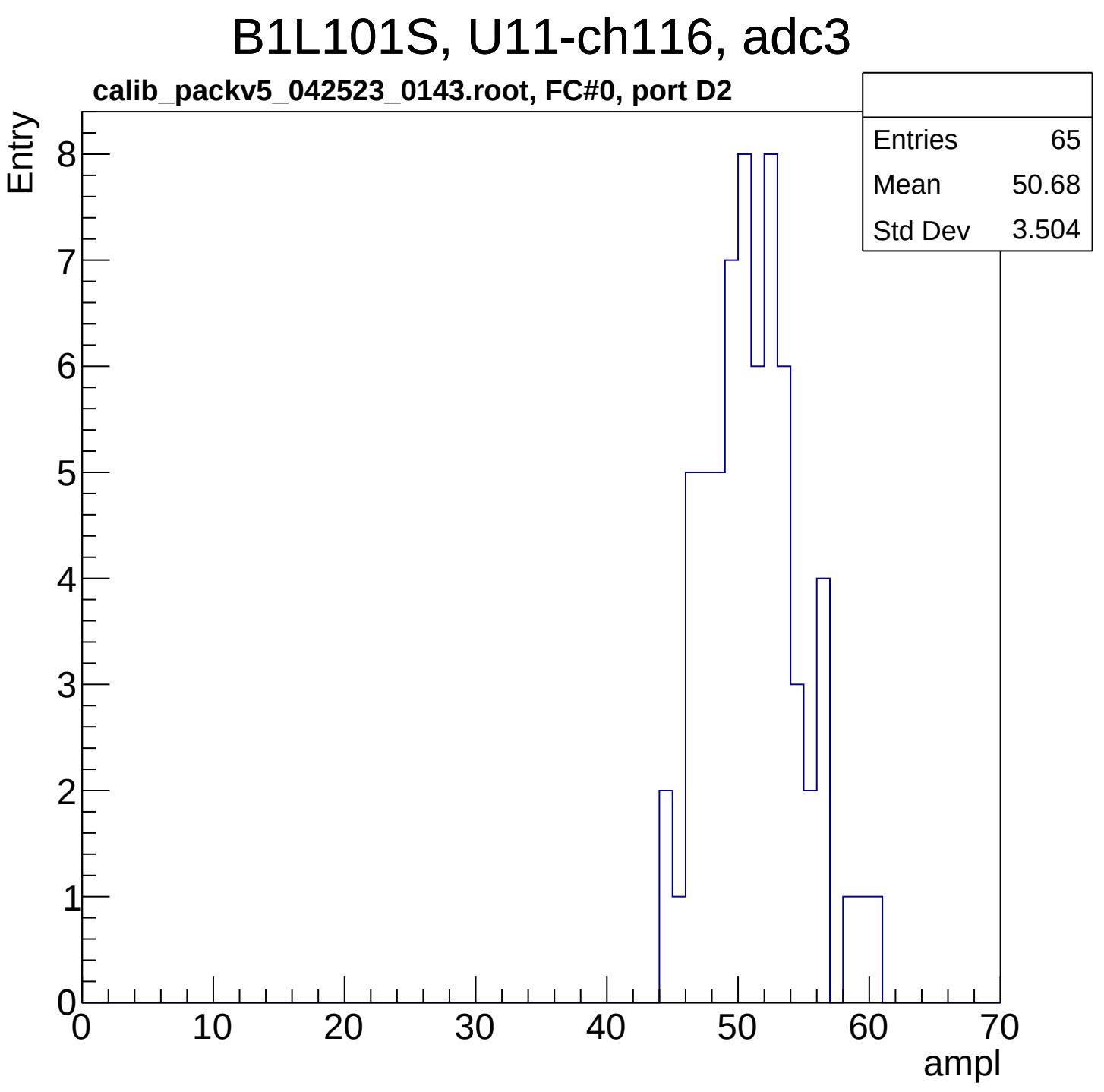

B1L101S, U11-ch115, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

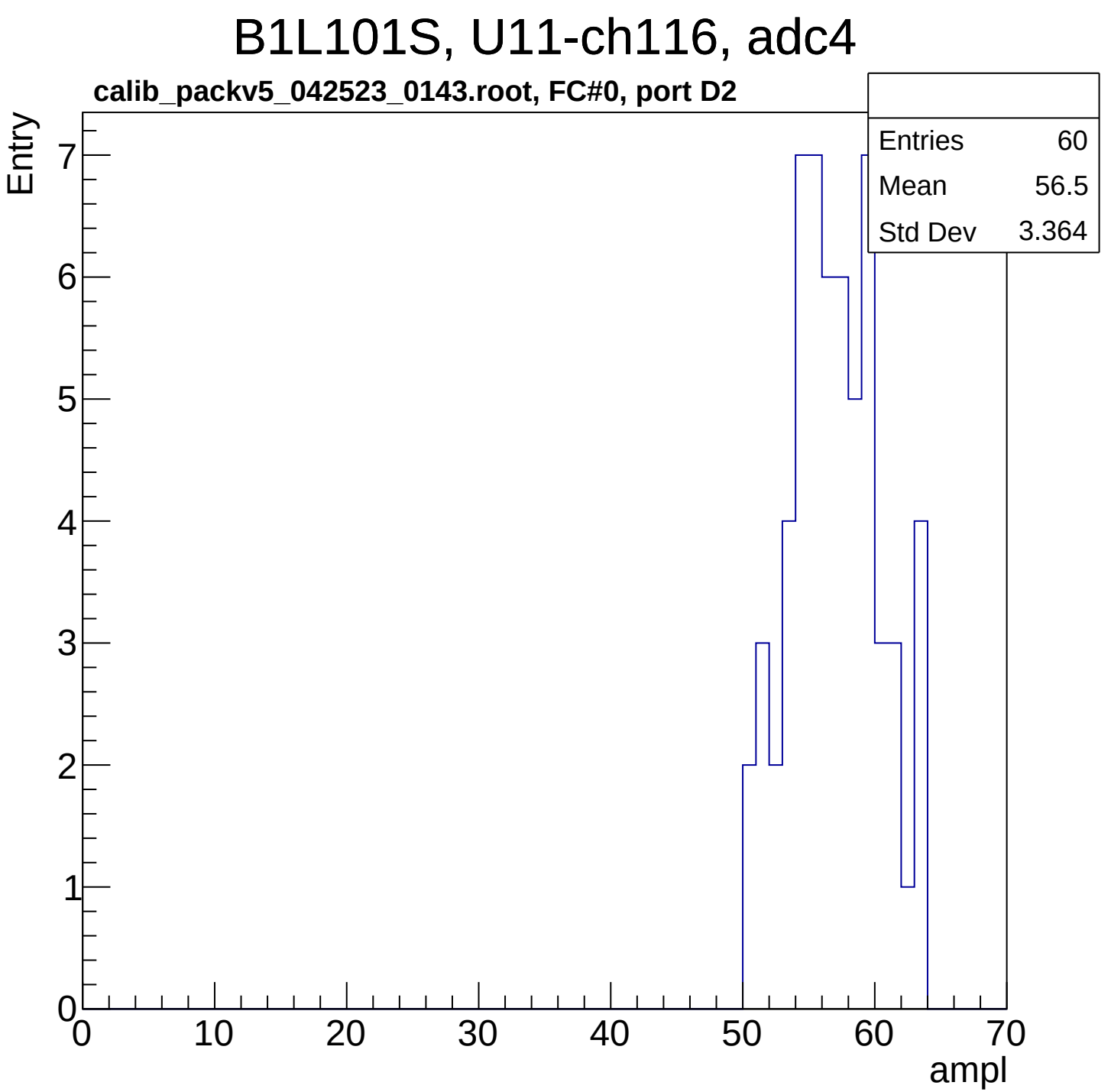

B1L101S, U11-ch115, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

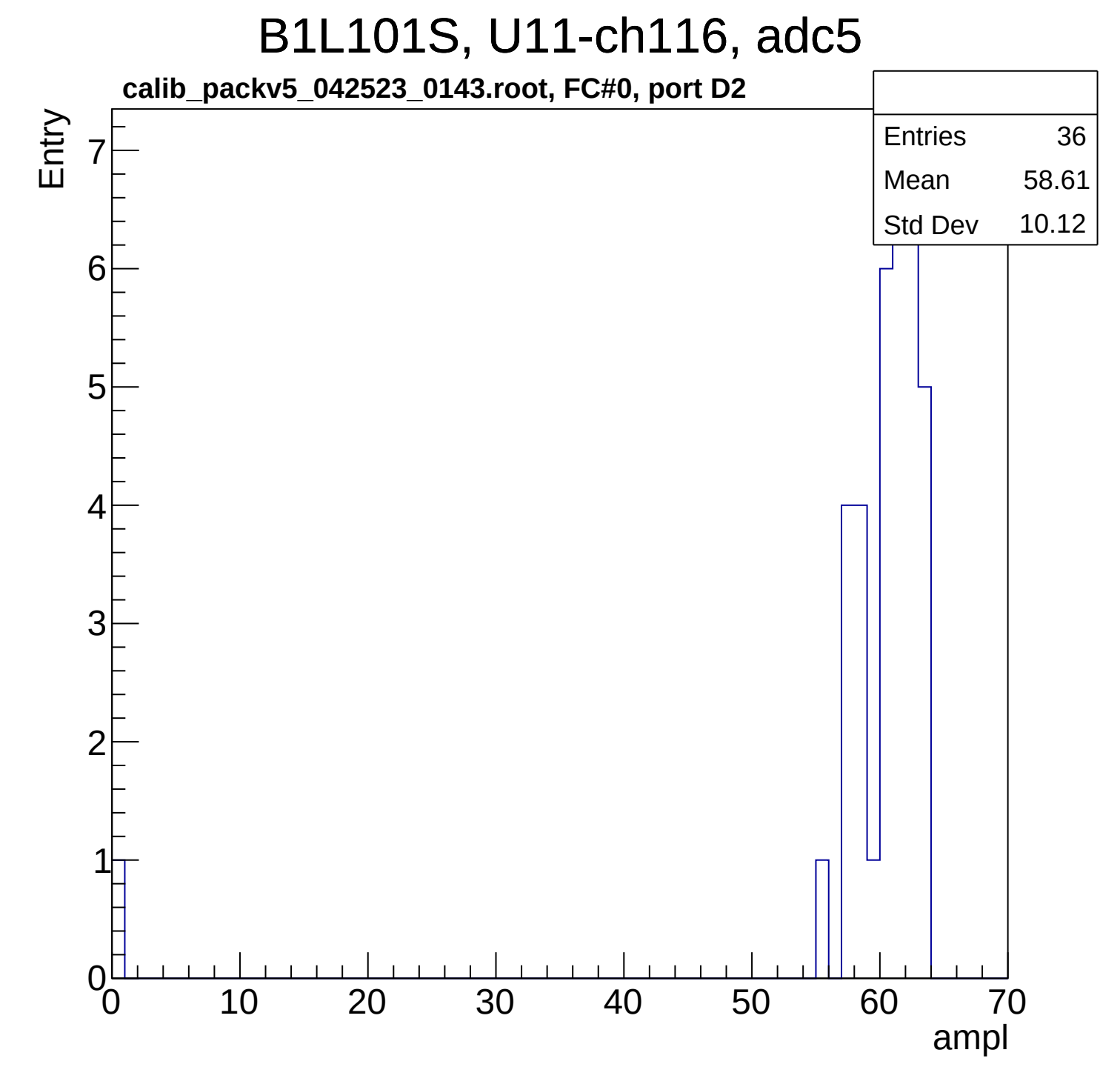

B1L101S, U11-ch116, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 30.45
Std Dev 5.09
Gaus mean : 30.6638
Gaus Width: 3.7013
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

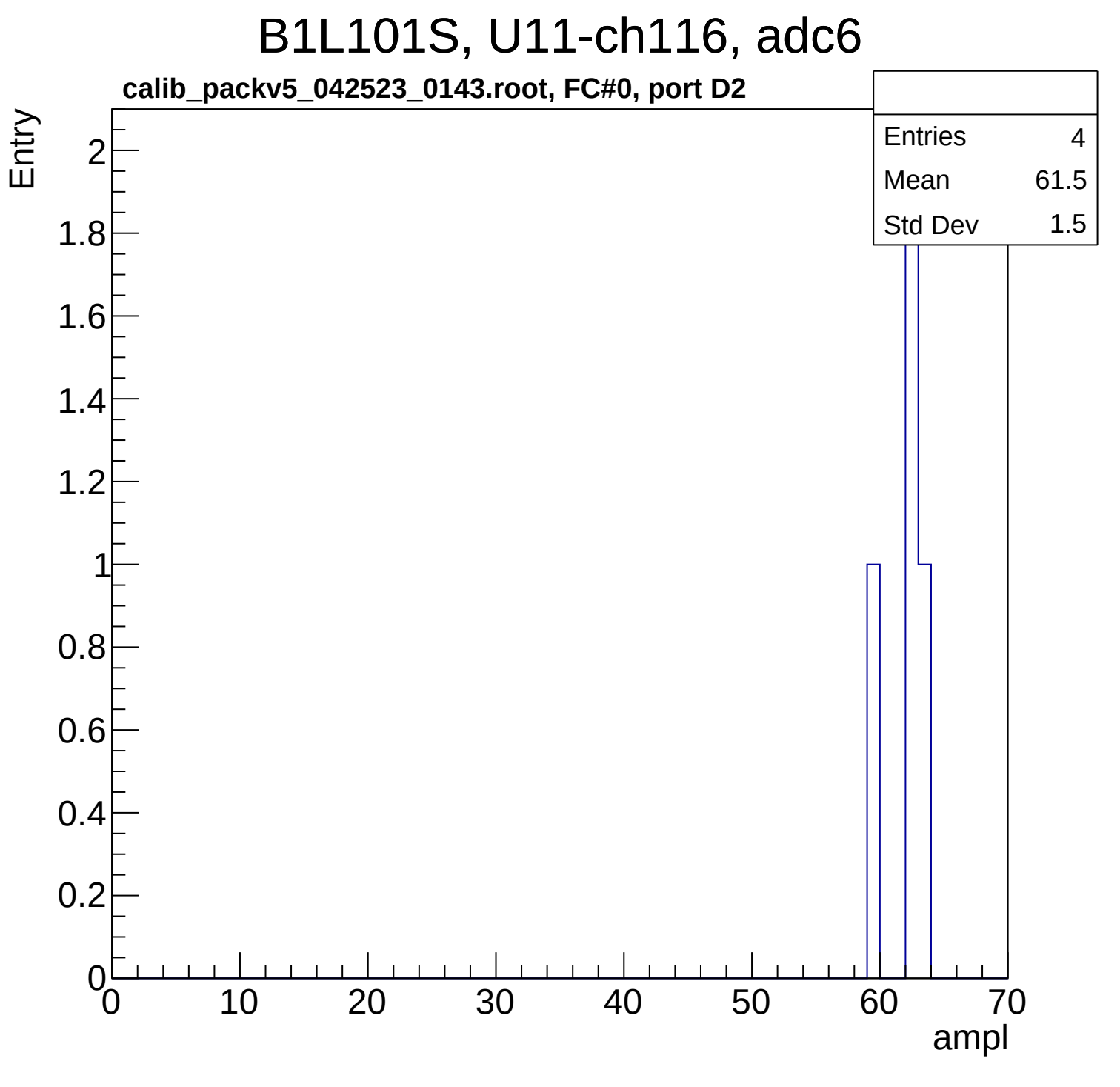

B1L101S, U11-ch116, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 54
Mean 36.06
Std Dev 3.347
Gaus mean : 35.8456
Gaus Width: 3.5112
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

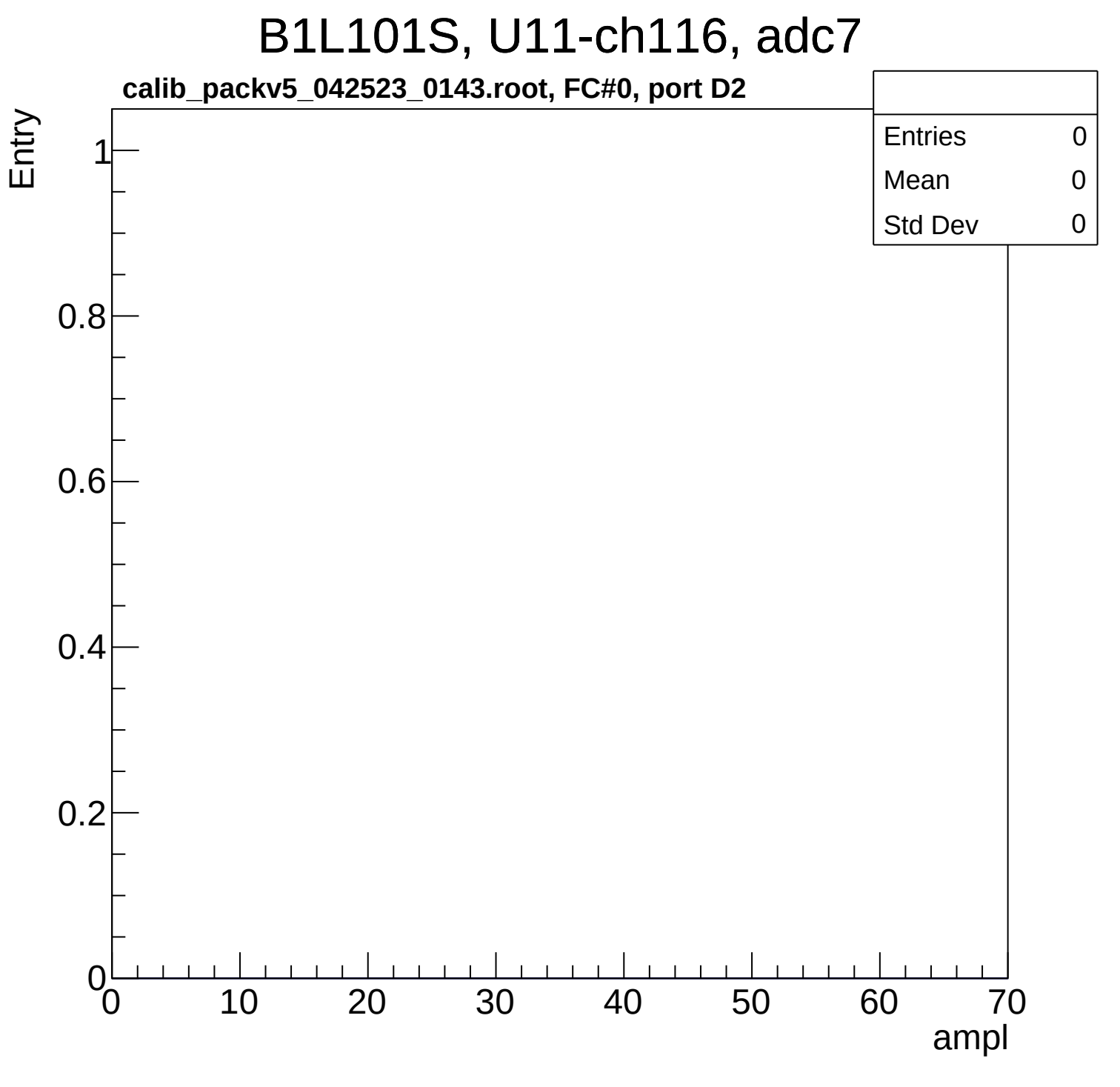

B1L101S, U11-ch116, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 80
Mean 43.01
Std Dev 3.363
Gaus mean : 43.6827
Gaus Width: 3.7584
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

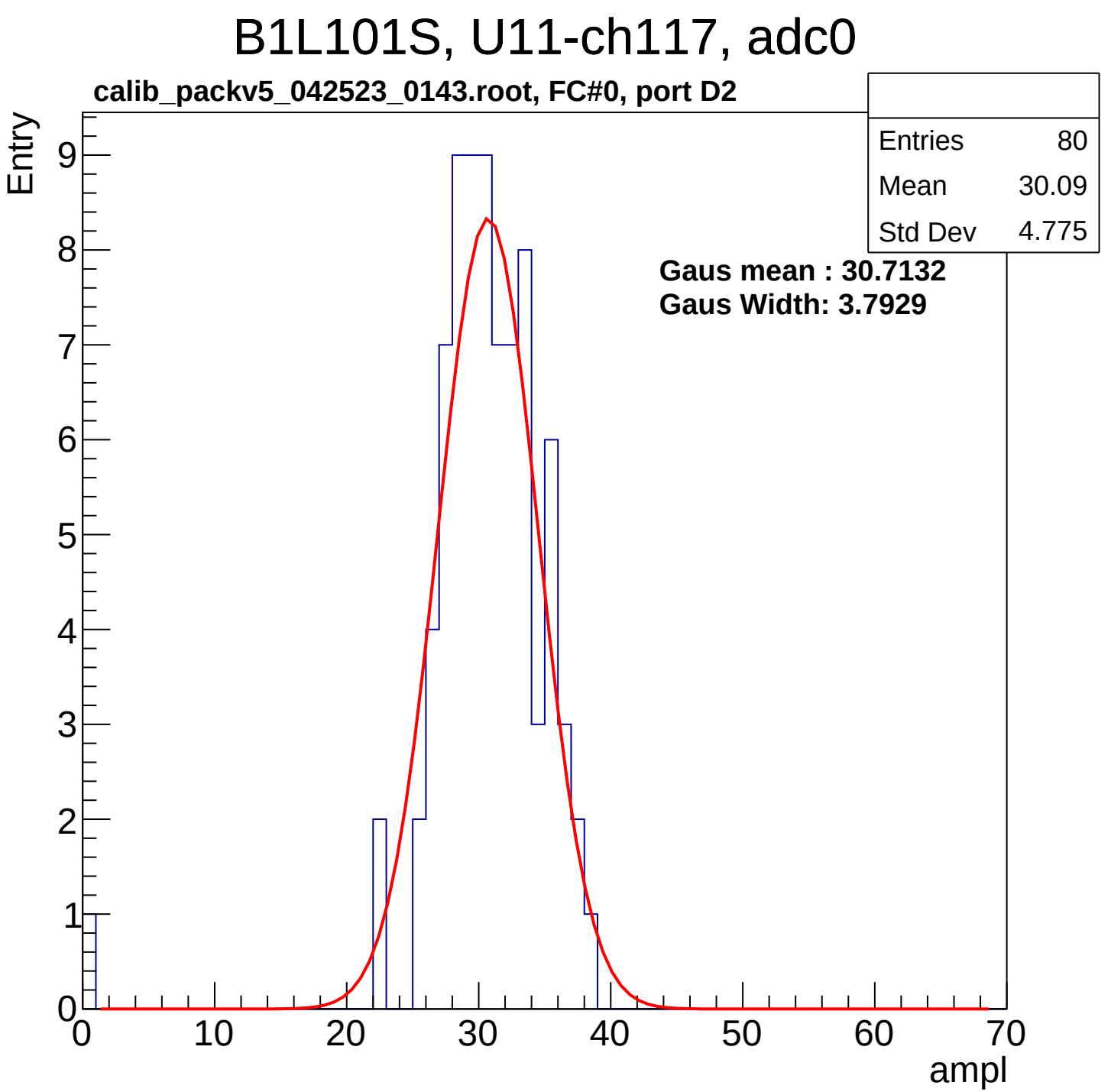

B1L101S, U11-ch116, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 50.68
Std Dev 3.504
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

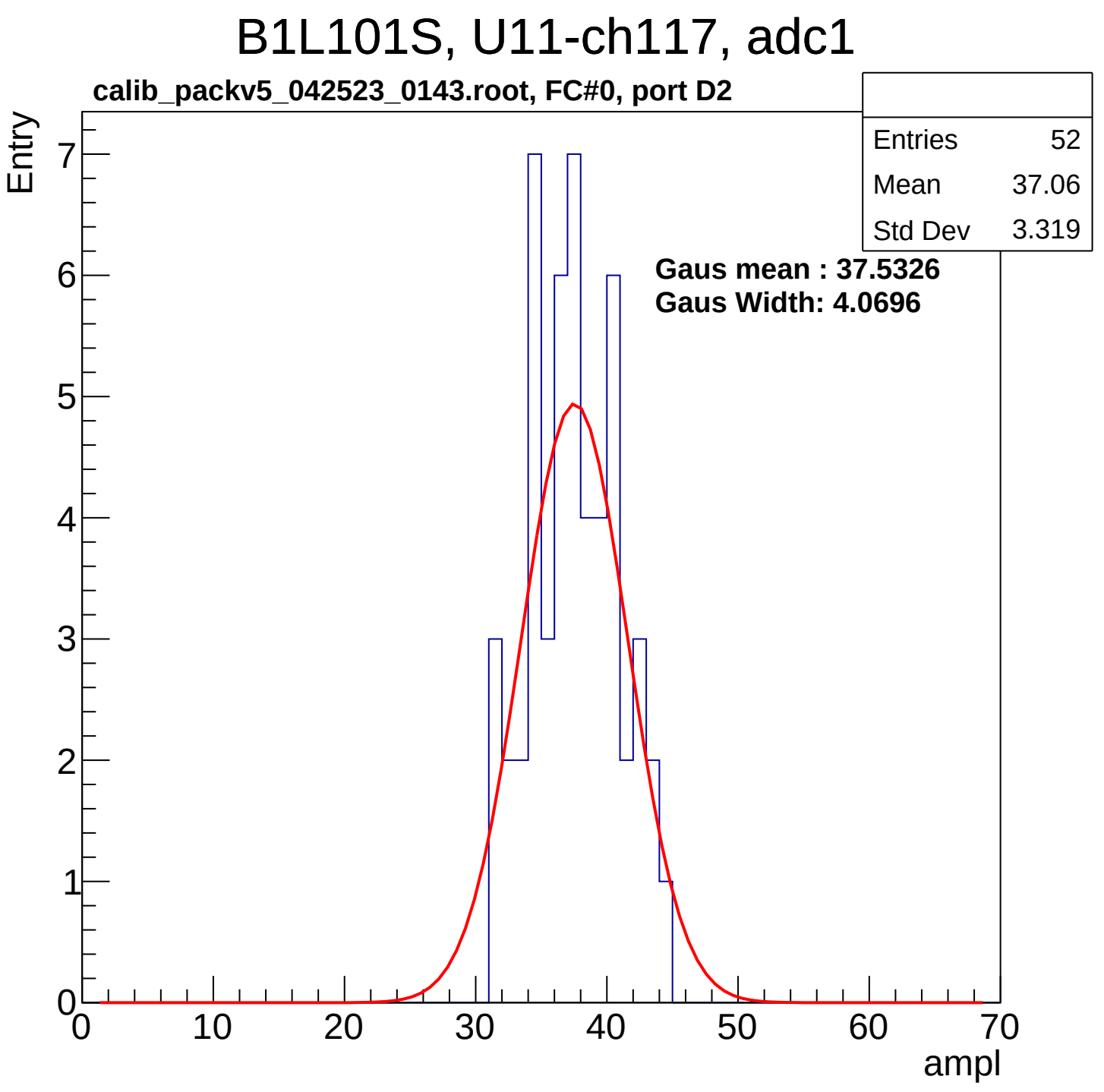

B1L101S, U11-ch116, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 56.5
Std Dev 3.364
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

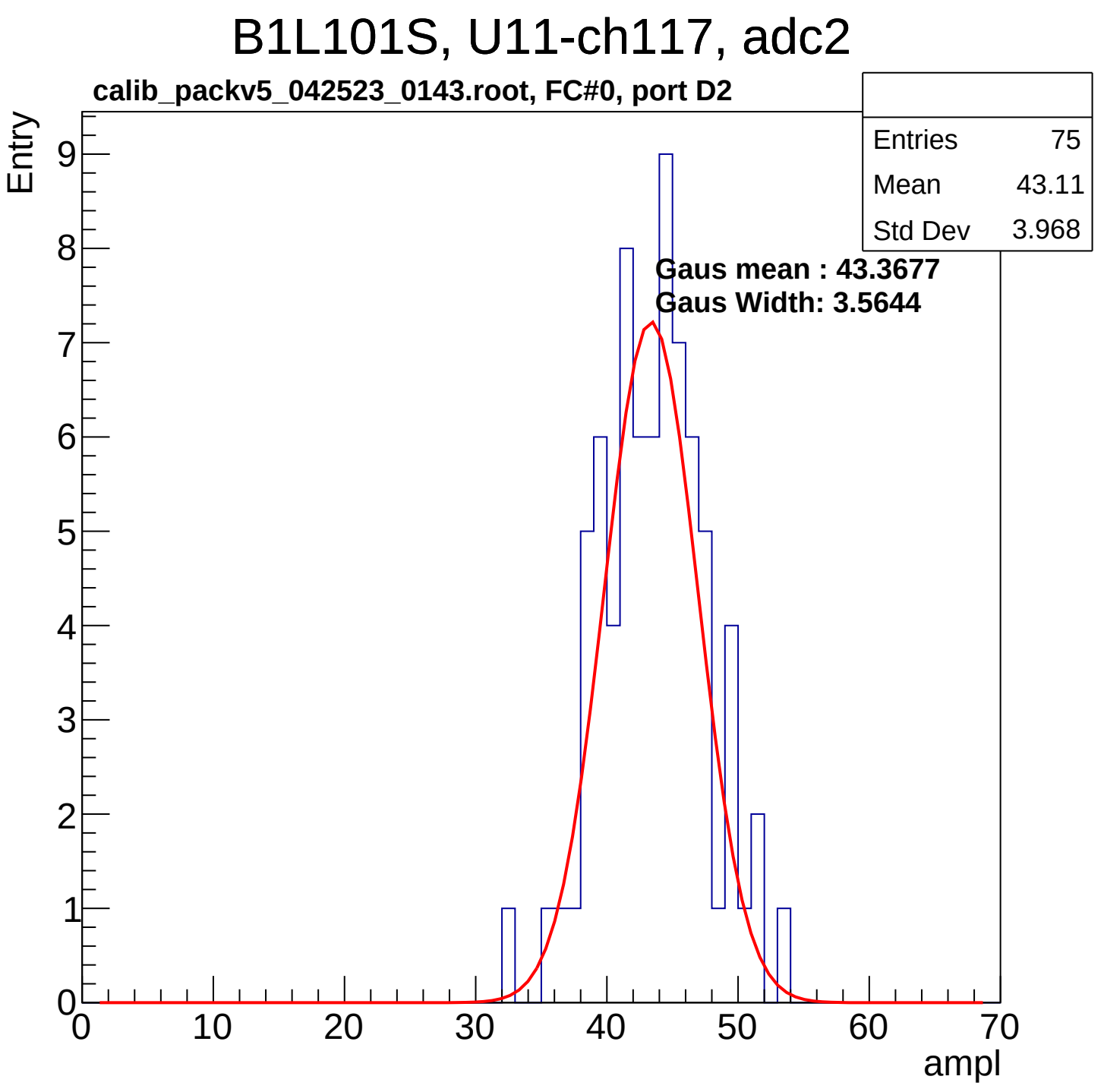

B1L101S, U11-ch116, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 36
Mean 58.61
Std Dev 10.12
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

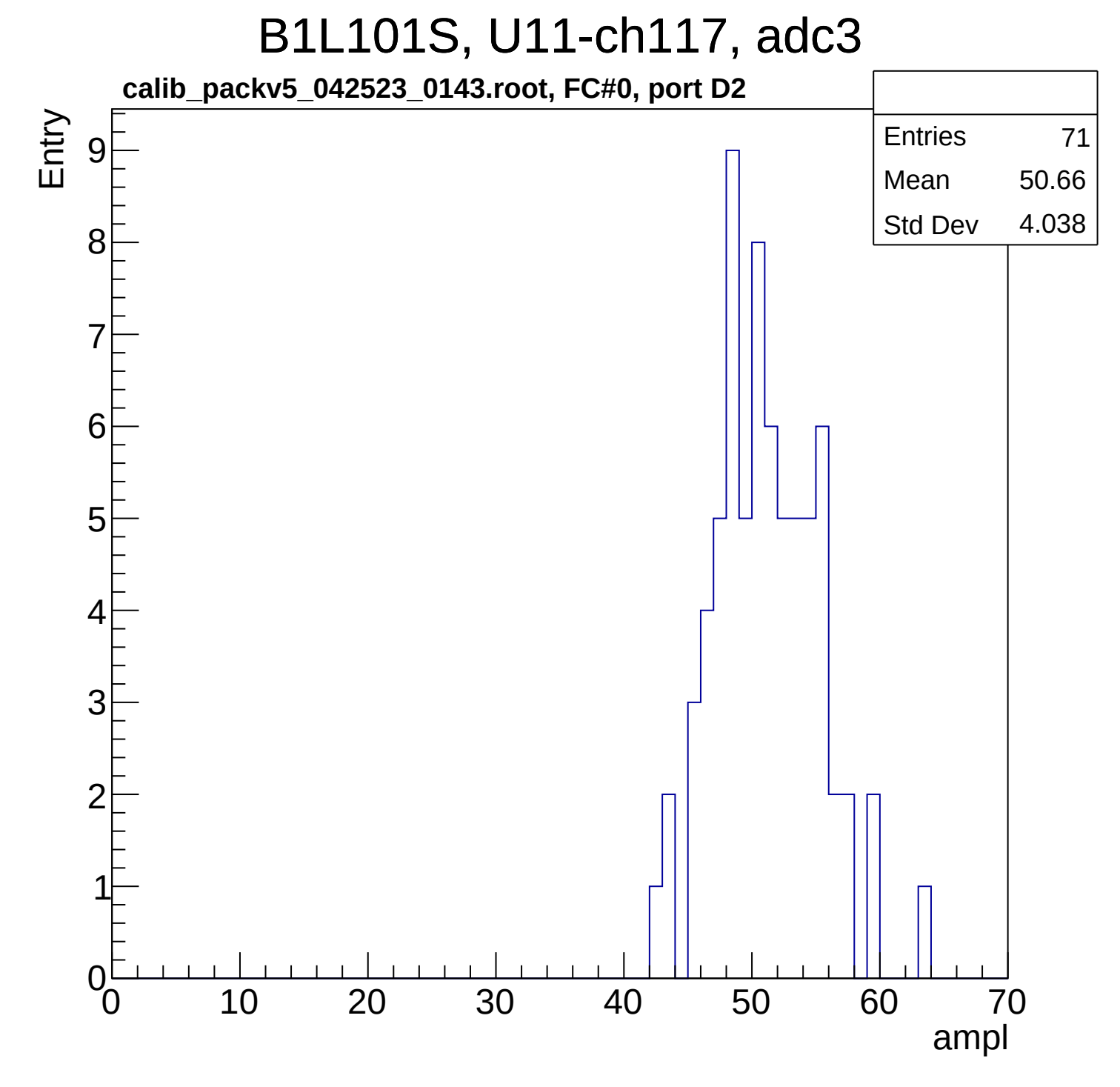

B1L101S, U11-ch116, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 61.5
Std Dev 1.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U11-ch116, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch117, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 80
Mean 30.09
Std Dev 4.775
Gaus mean : 30.7132
Gaus Width: 3.7929
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch117, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 37.06
Std Dev 3.319
Gaus mean : 37.5326
Gaus Width: 4.0696
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch117, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 75
Mean 43.11
Std Dev 3.968
Gaus mean : 43.3677
Gaus Width: 3.5644
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch117, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 50.66
Std Dev 4.038
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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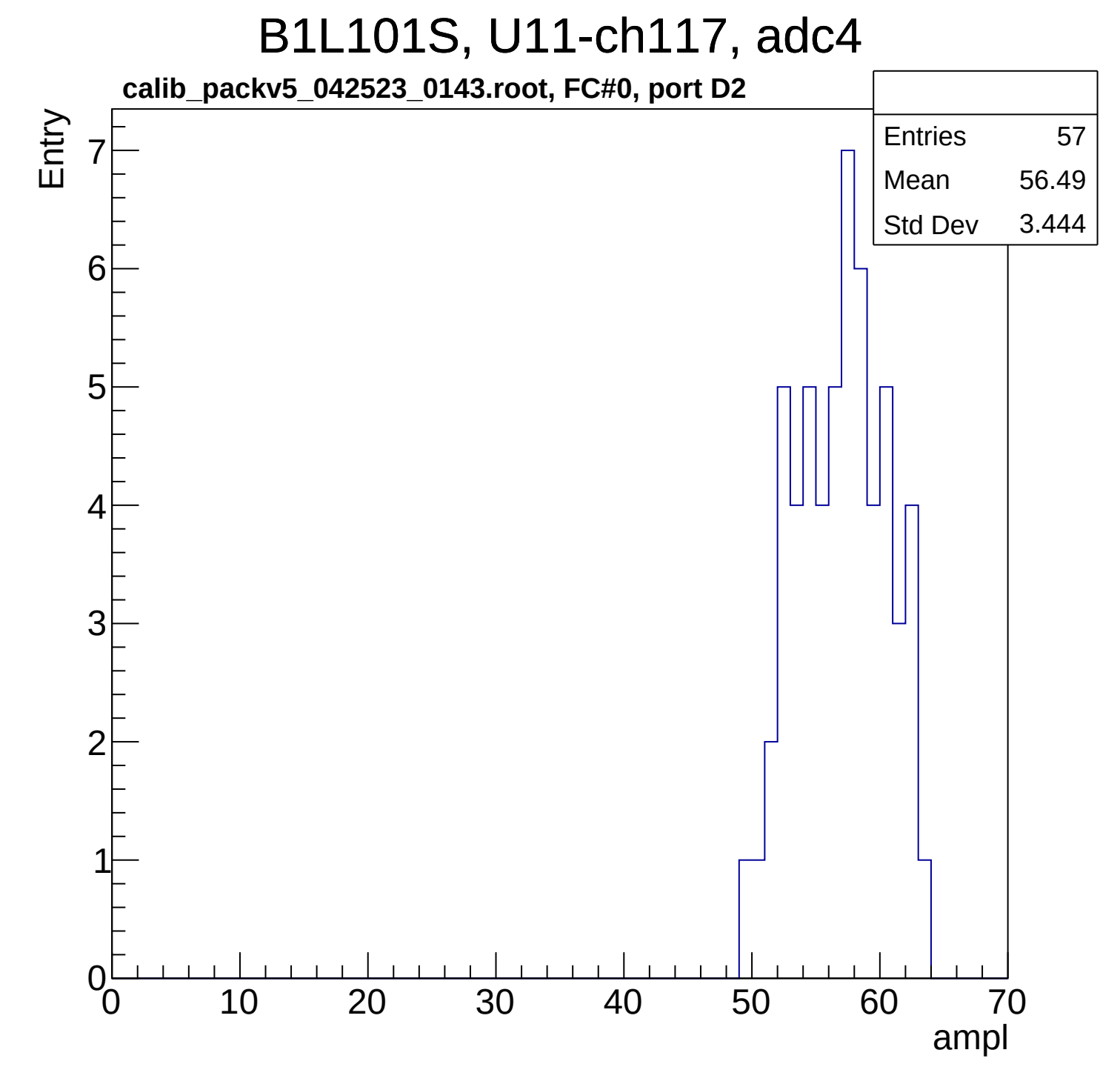
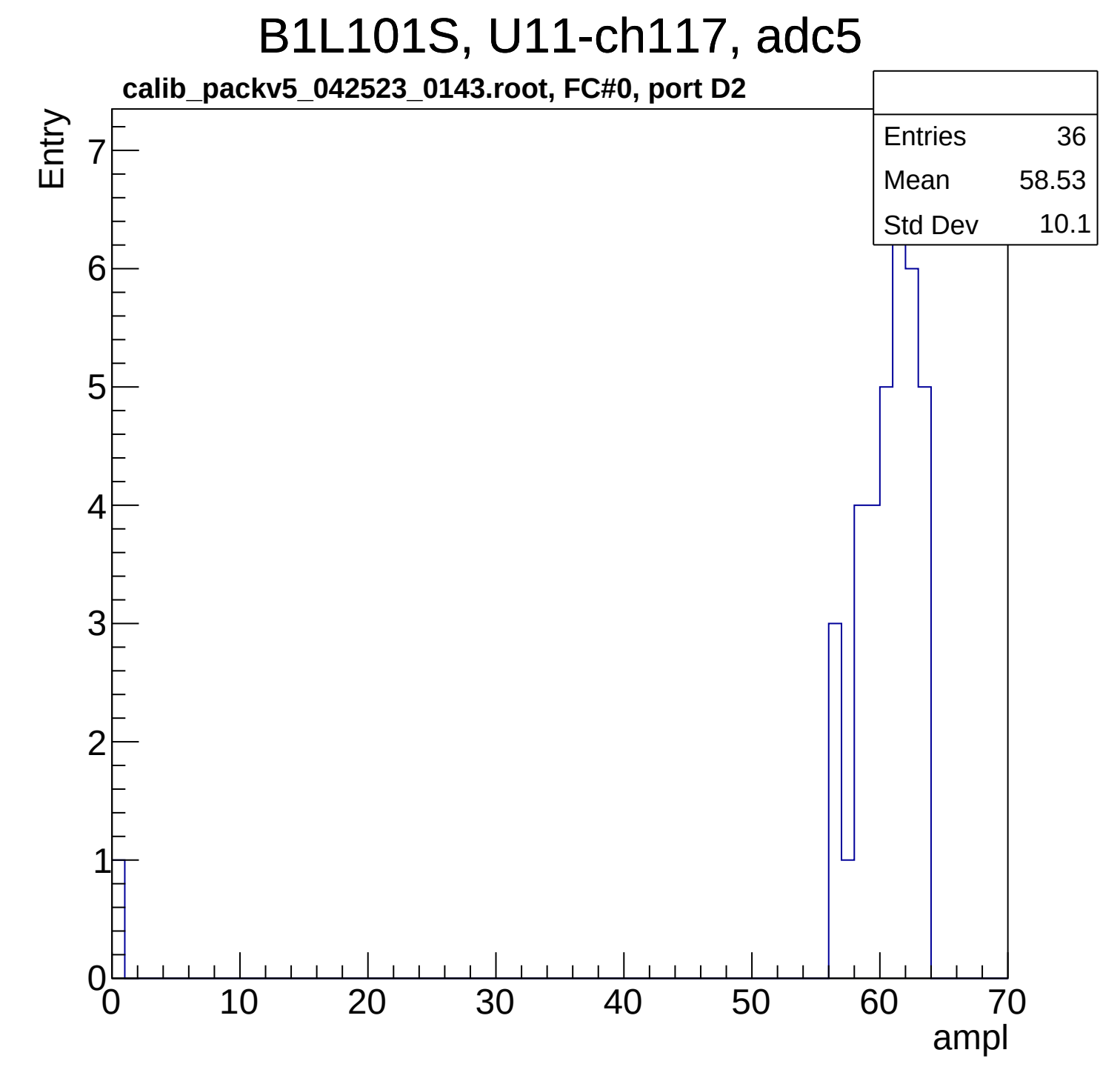
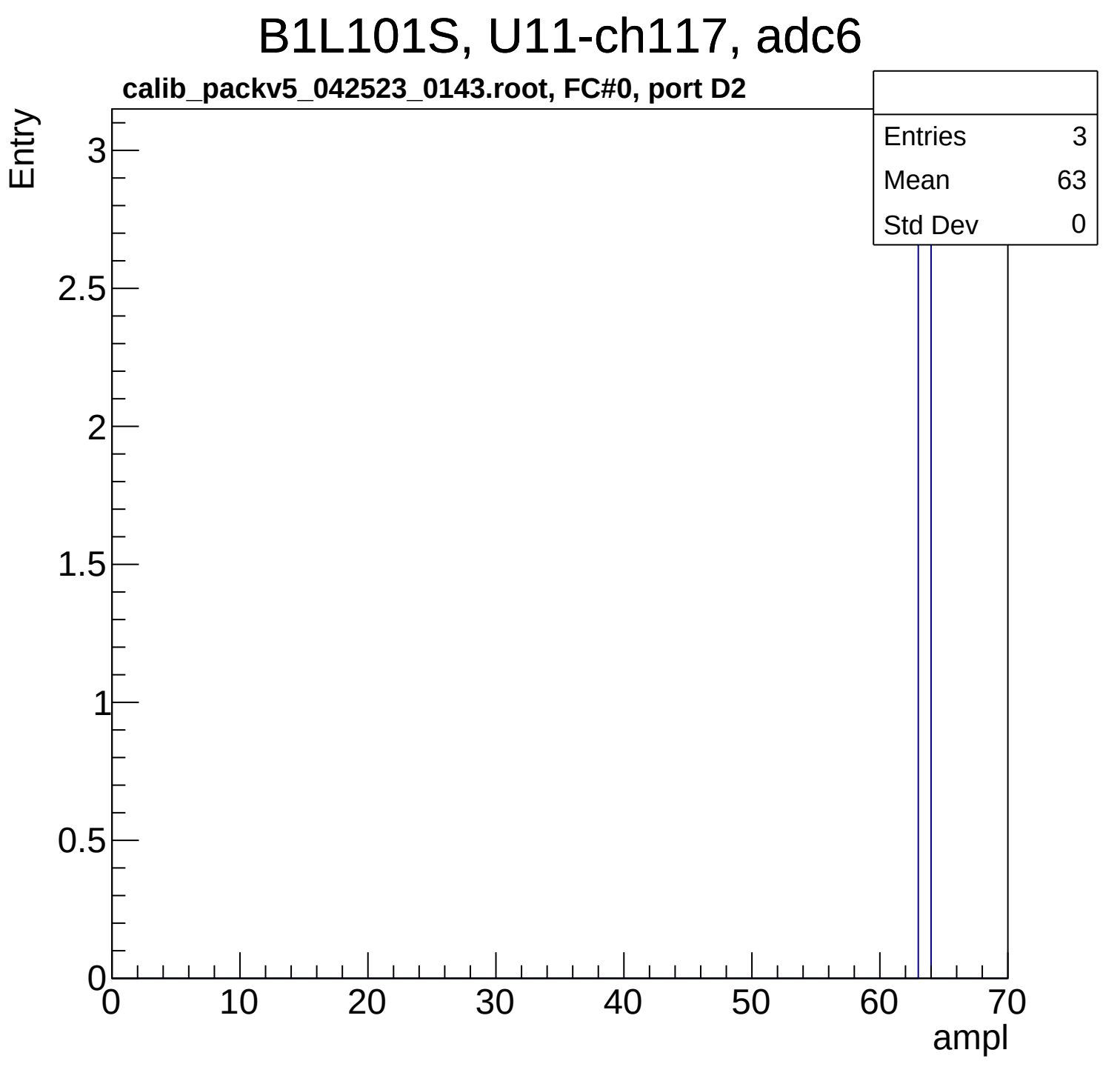
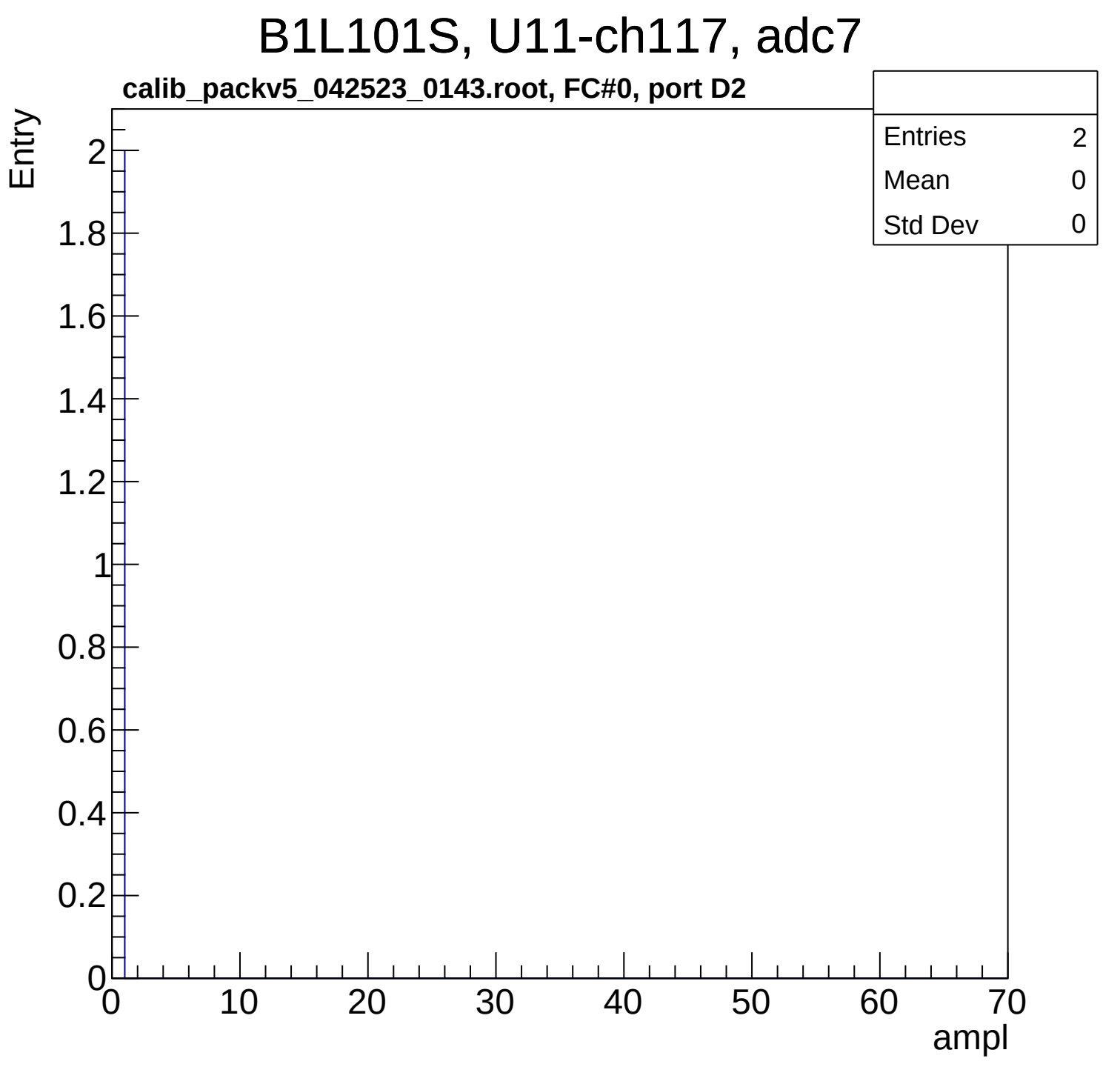
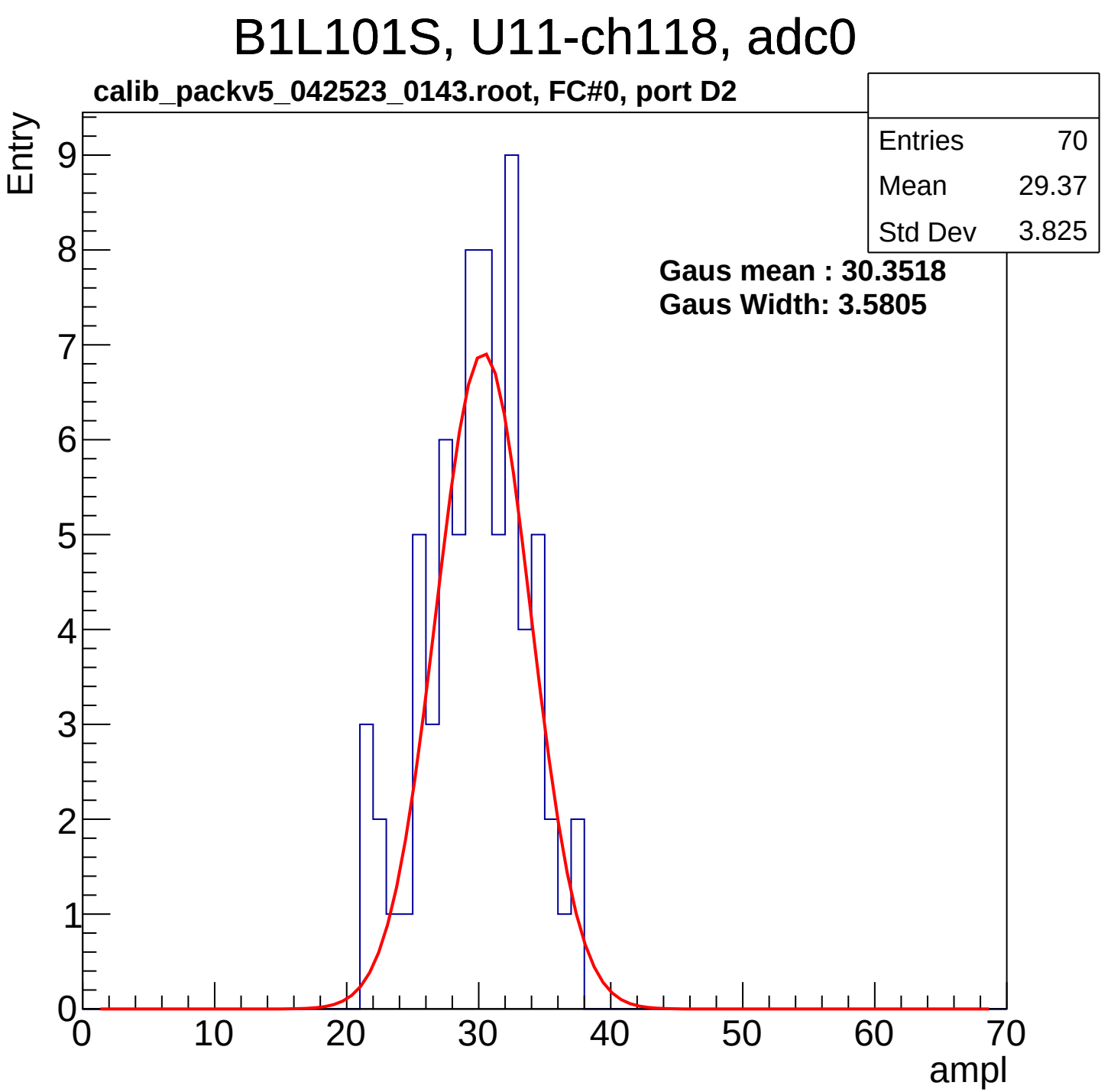
40
50
60
70

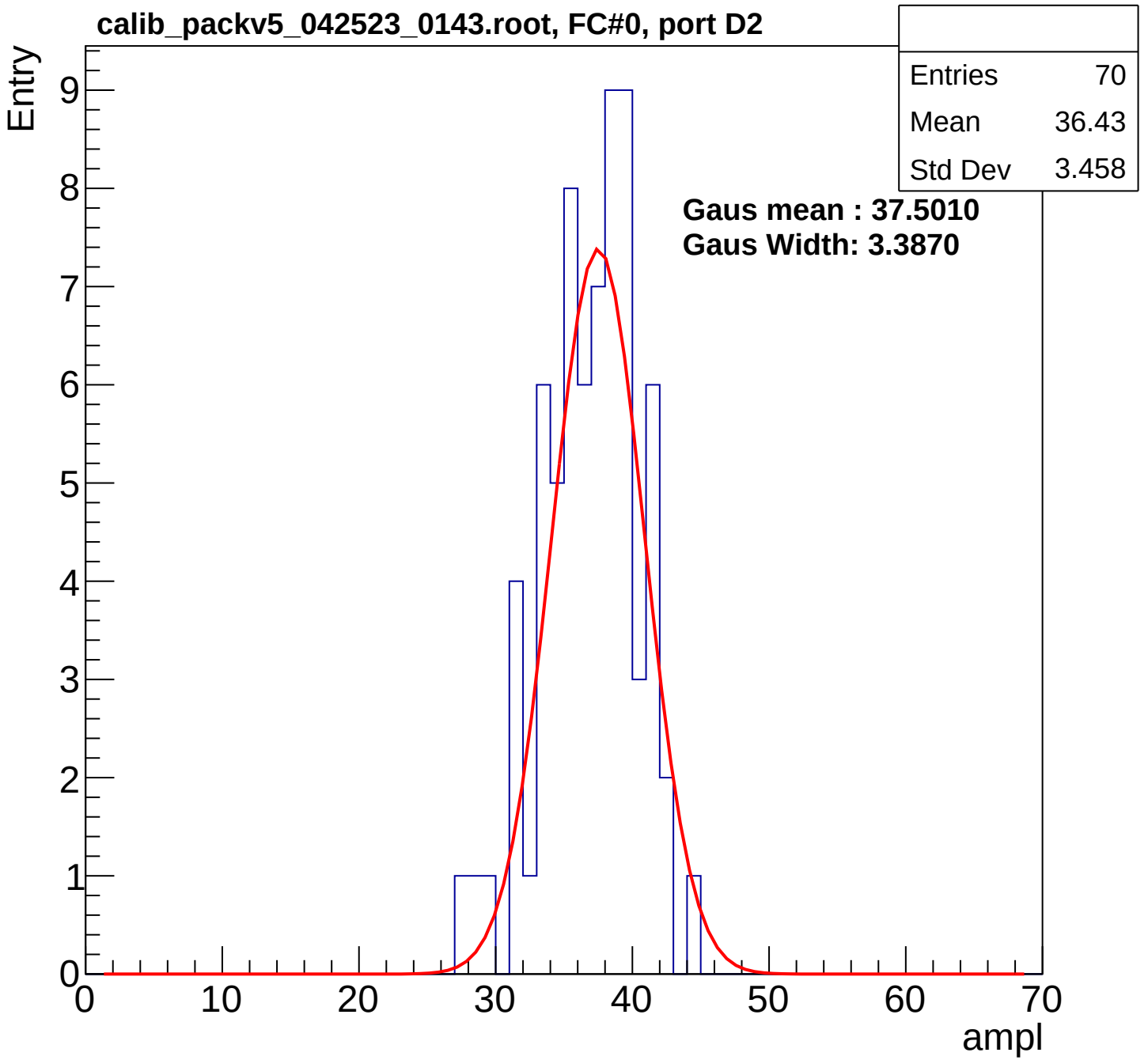

B1L101S, U11-ch117, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 56.49
Std Dev 3.444
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

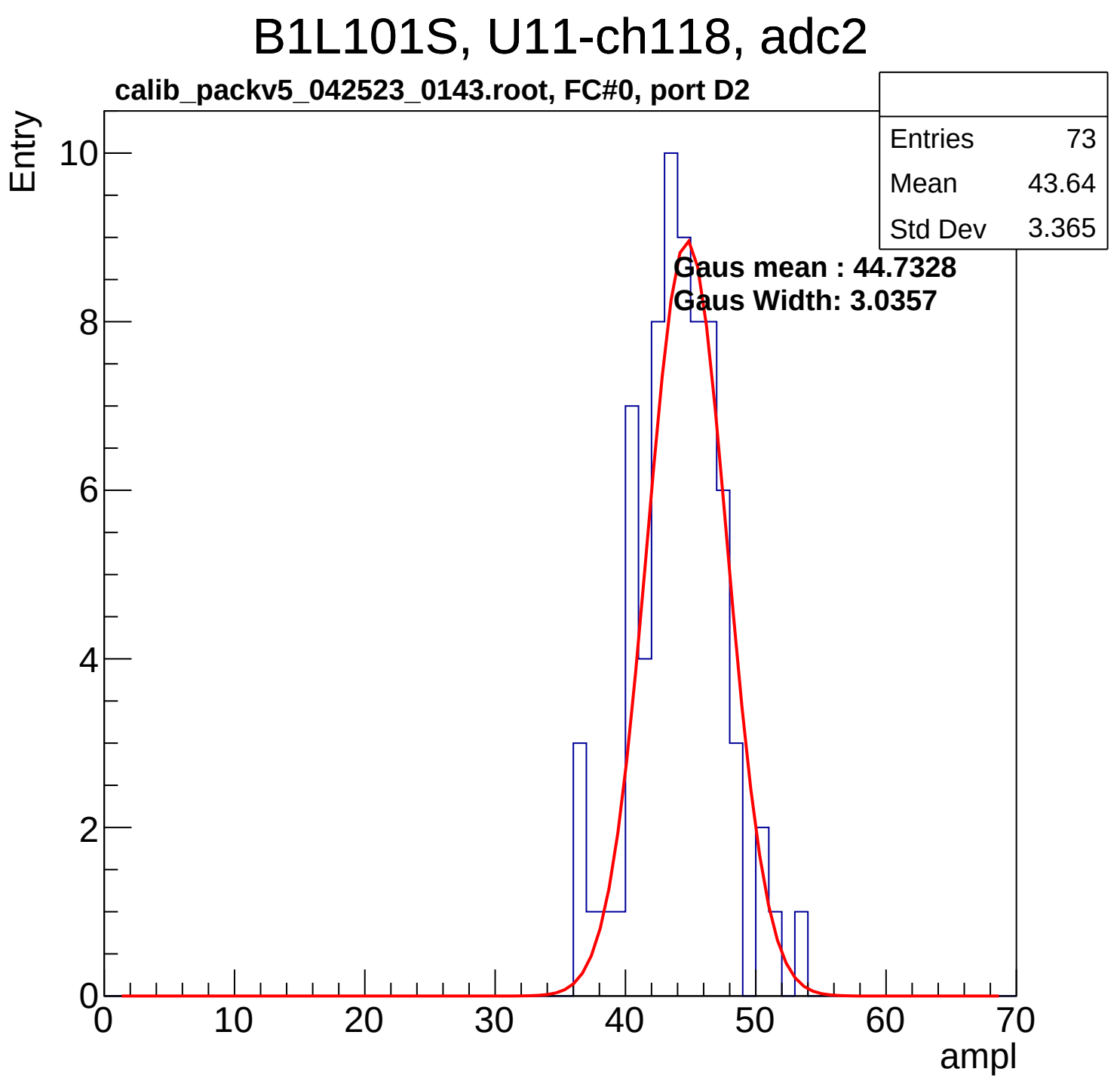

B1L101S, U11-ch117, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 36
Mean 58.53
Std Dev 10.1
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch117, adc6
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch117, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U11-ch118, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 29.37
Std Dev 3.825
Gaus mean : 30.3518
Gaus Width: 3.5805
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch118, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 36.43
Std Dev 3.458
Gaus mean : 37.5010
Gaus Width: 3.3870
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch118, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 43.64
Std Dev 3.365
Gaus mean : 44.7328
Gaus Width: 3.0357
Entry
ampl
0
2
4
6
8
10
0
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20
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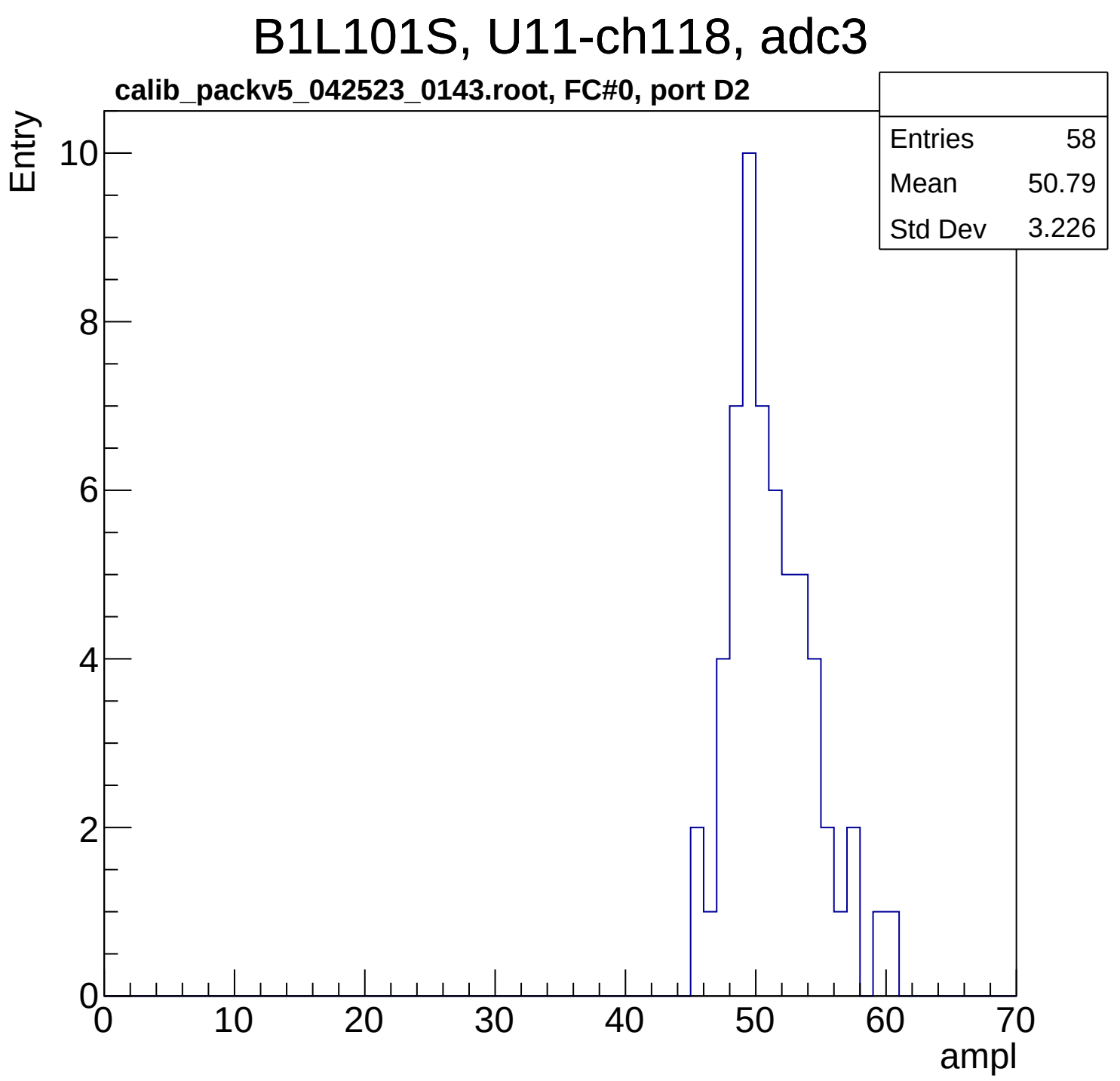
40
50
60
70


B1L101S, U11-ch118, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 50.79
Std Dev 3.226
Entry
ampl
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4
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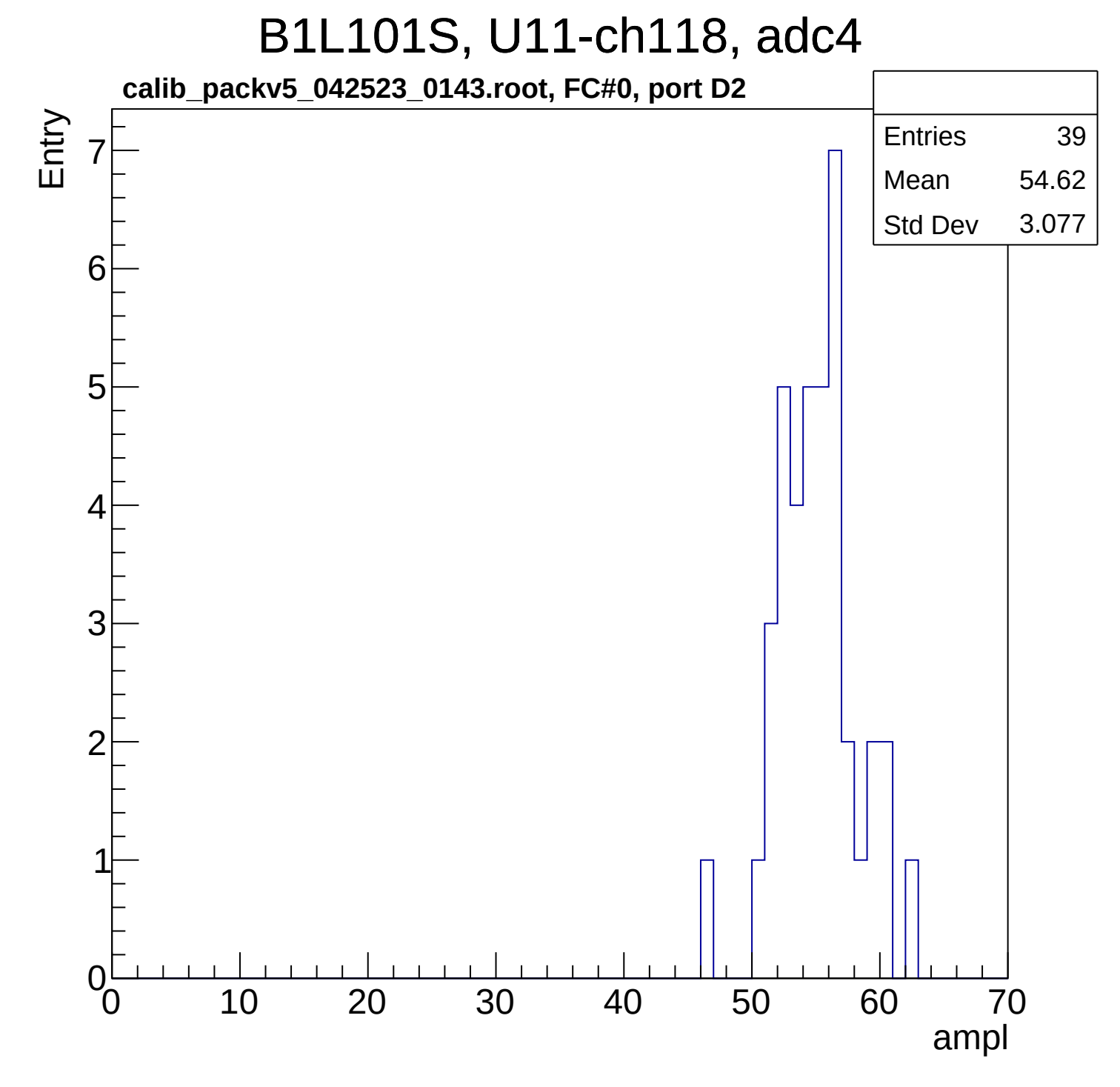
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch118, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 39
Mean 54.62
Std Dev 3.077
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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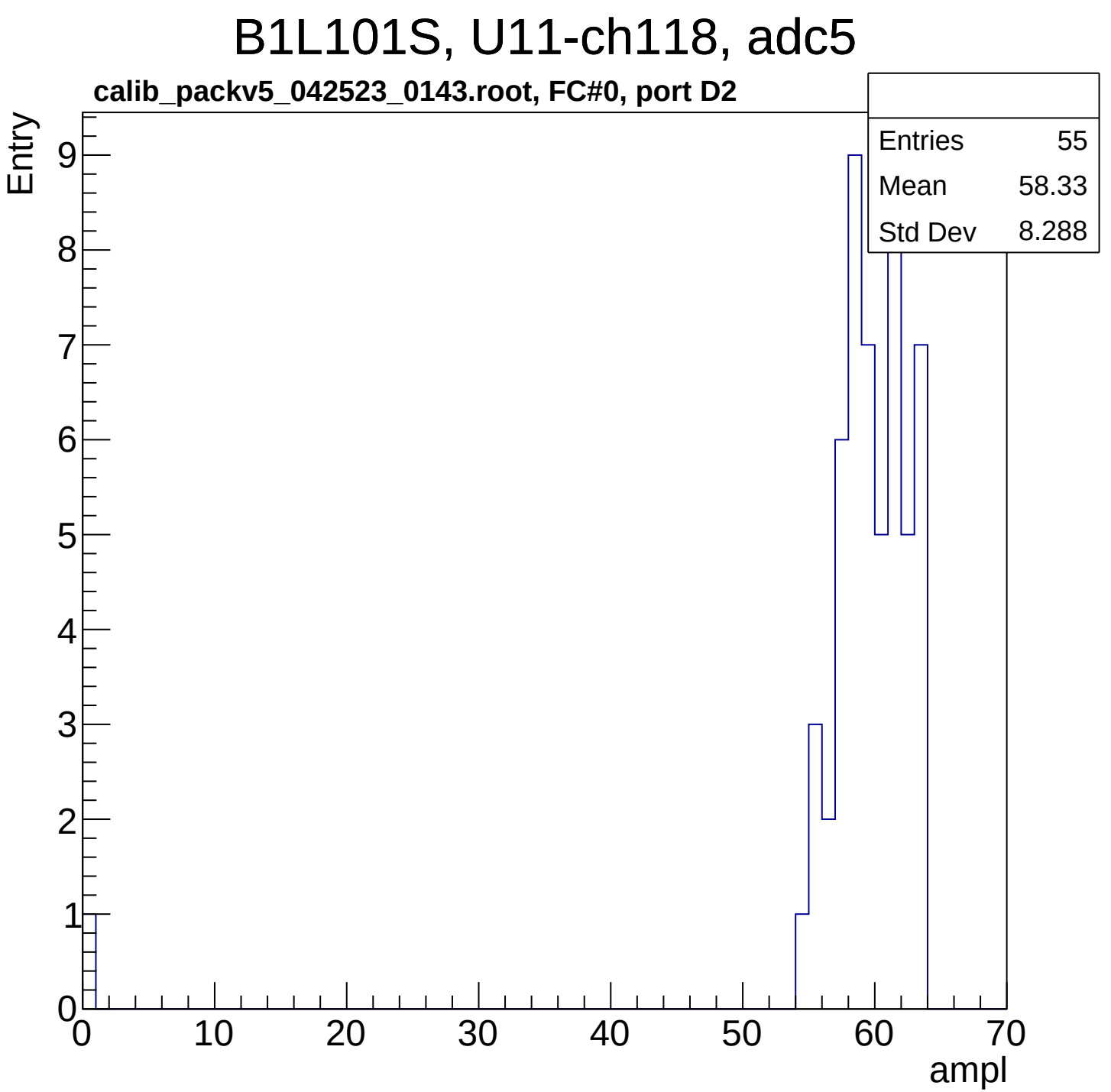
40
50
60
70


B1L101S, U11-ch118, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 58.33
Std Dev 8.288
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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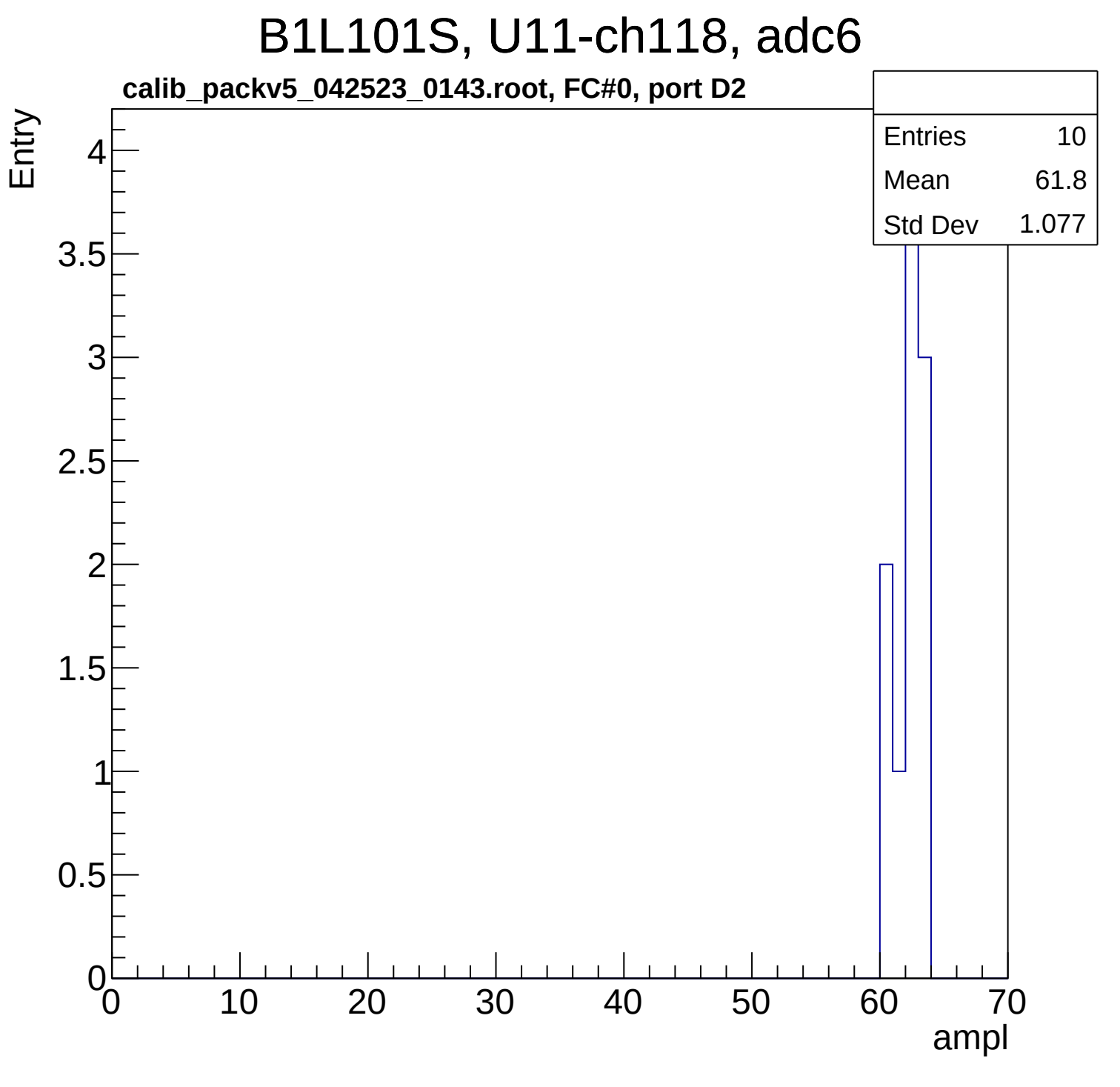
B1L101S, U11-ch118, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 10
Mean 61.8
Std Dev 1.077
Entry
ampl
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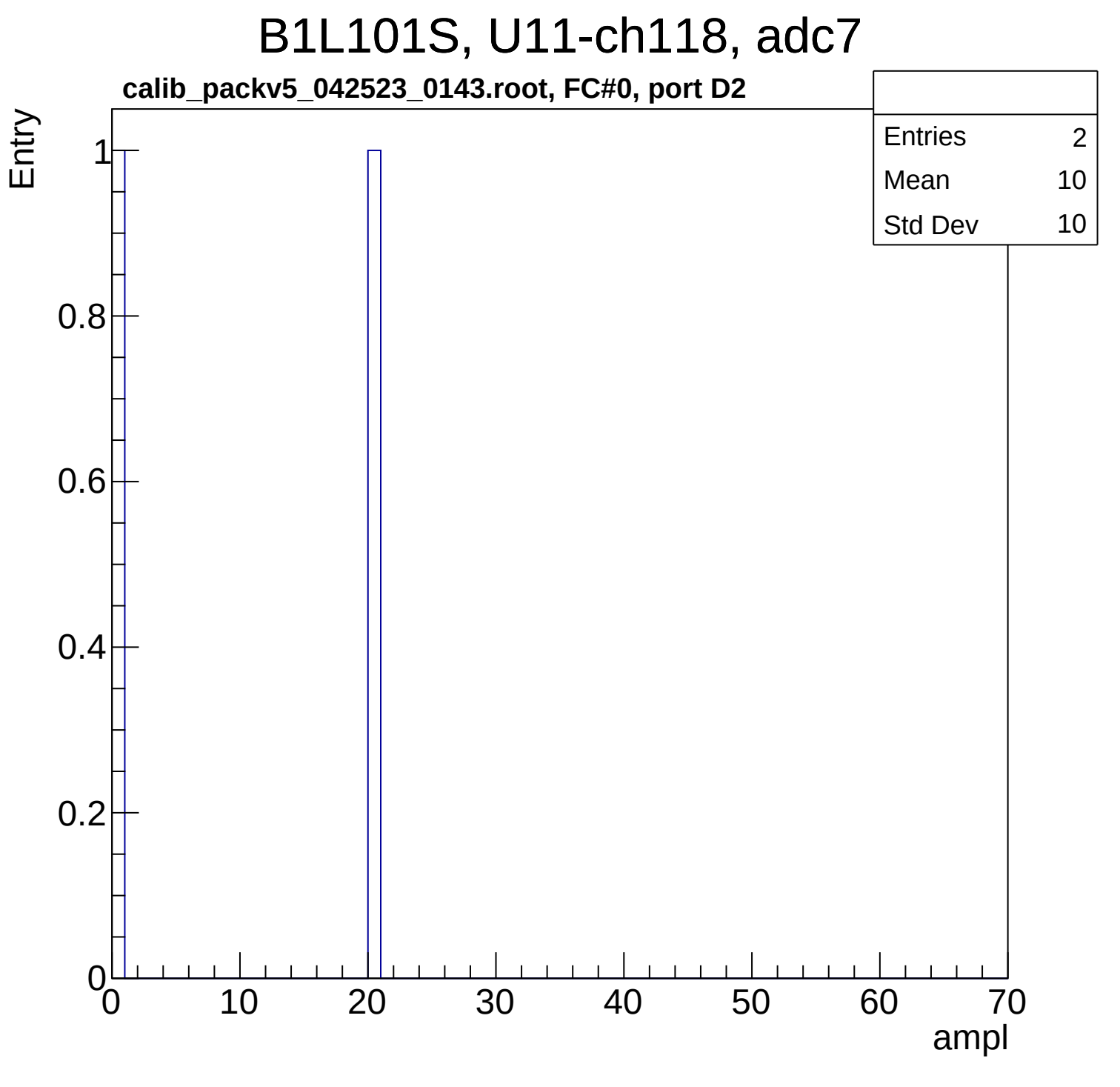
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L101S, U11-ch118, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 10
Std Dev 10
Entry
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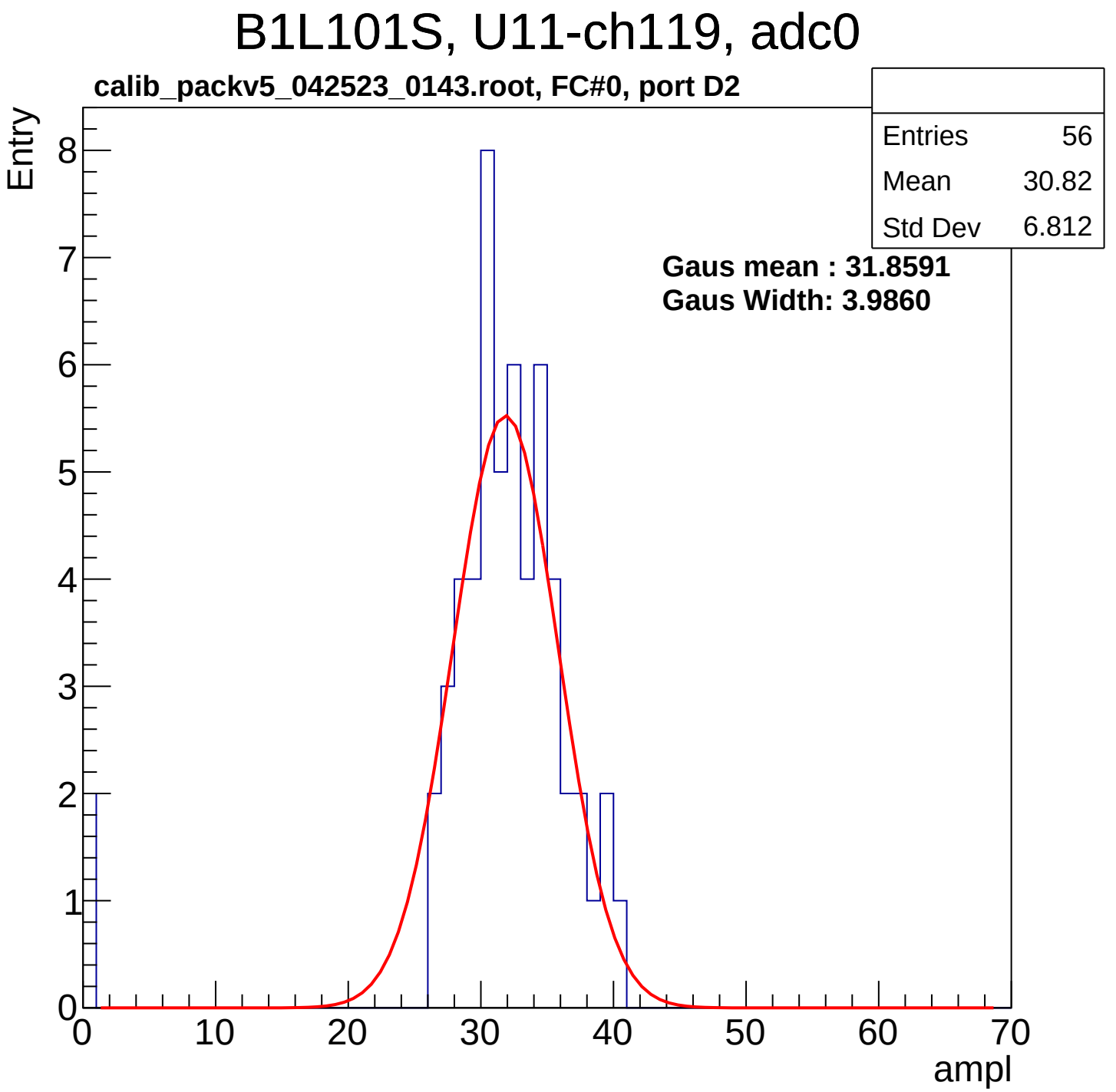
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch119, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 56
Mean 30.82
Std Dev 6.812
Gaus mean : 31.8591
Gaus Width: 3.9860
Entry
ampl
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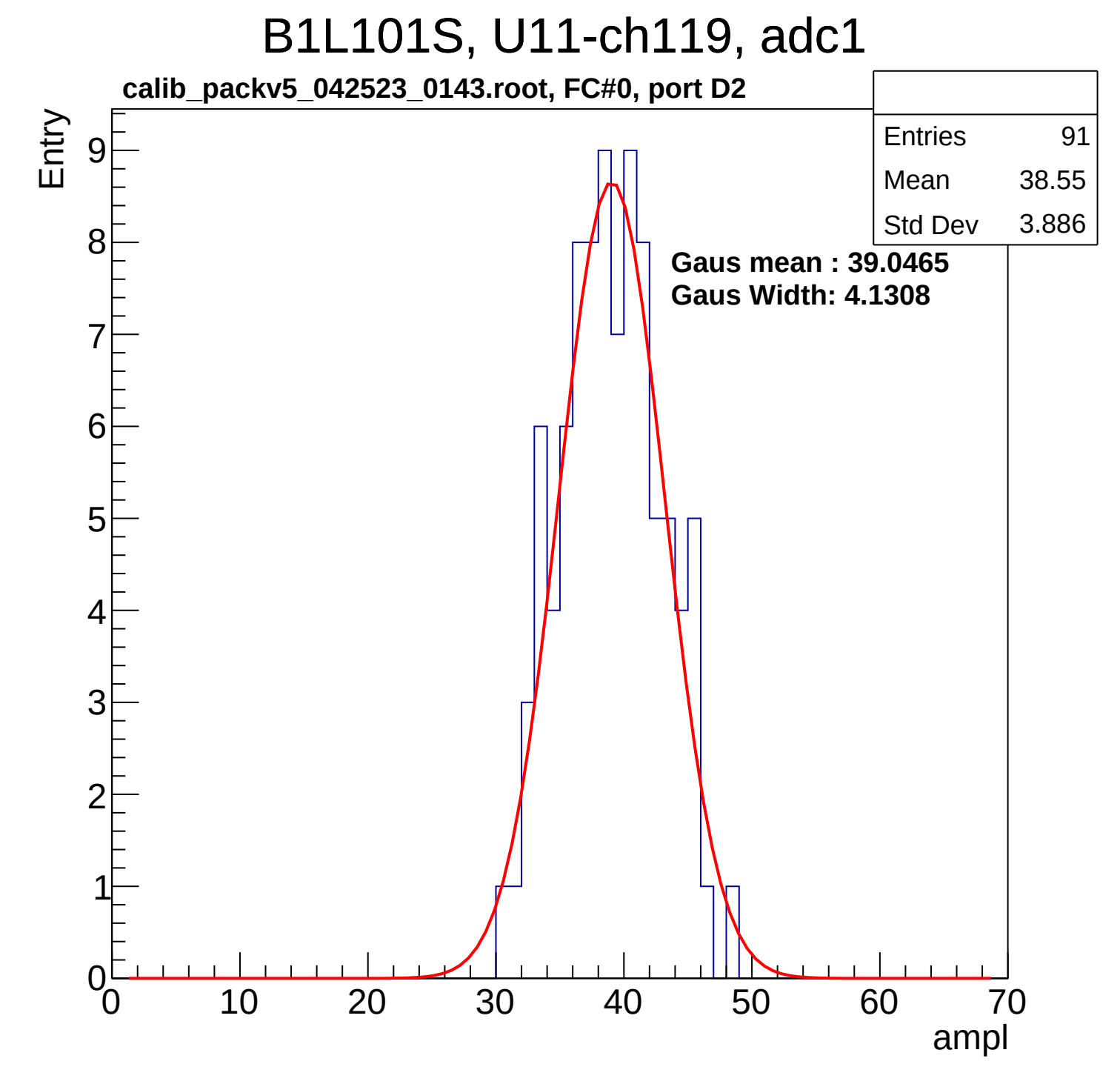
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch119, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 91
Mean 38.55
Std Dev 3.886
Gaus mean : 39.0465
Gaus Width: 4.1308
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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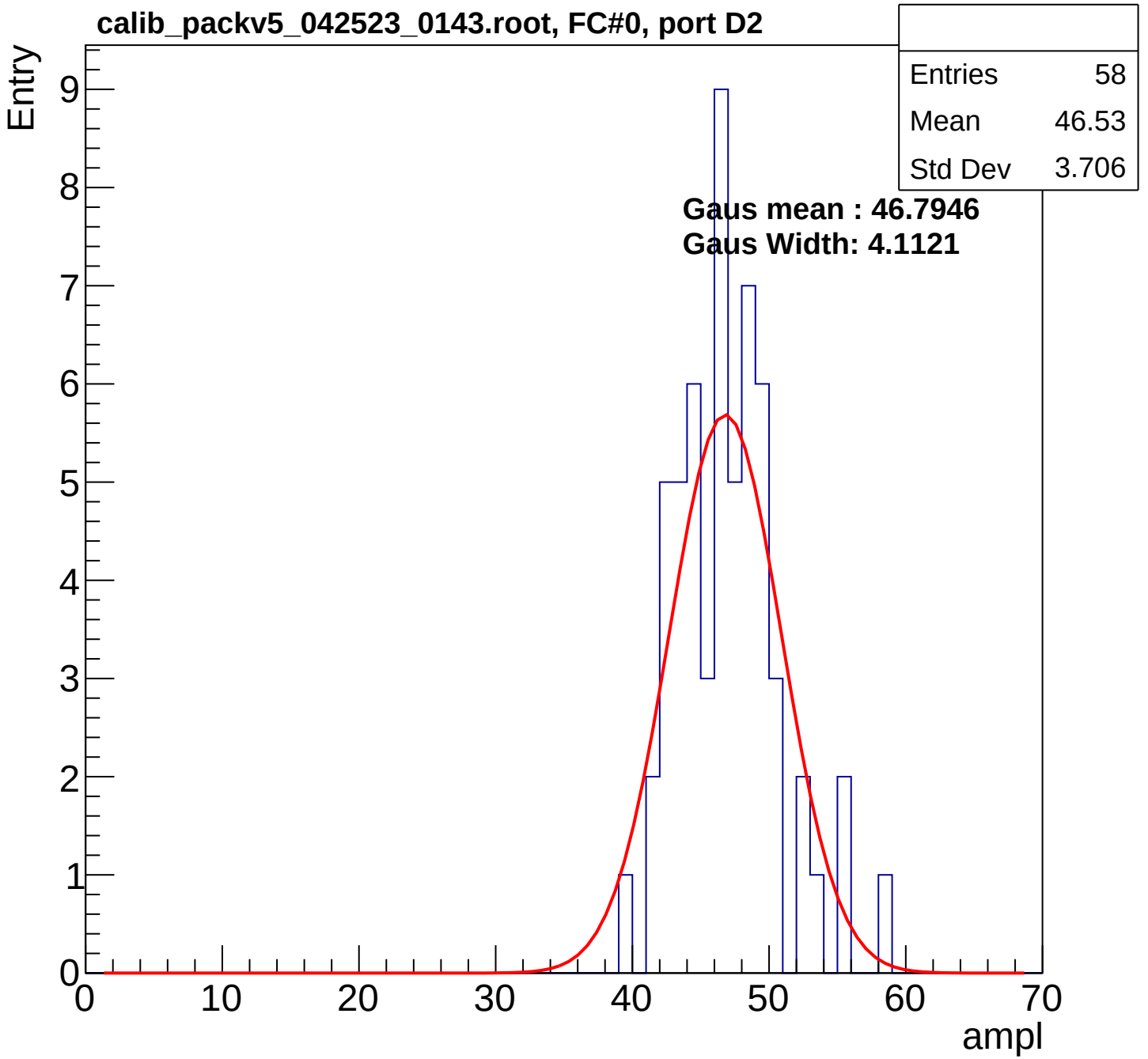
B1L101S, U11-ch119, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 46.53
Std Dev 3.706
Gaus mean : 46.7946
Gaus Width: 4.1121
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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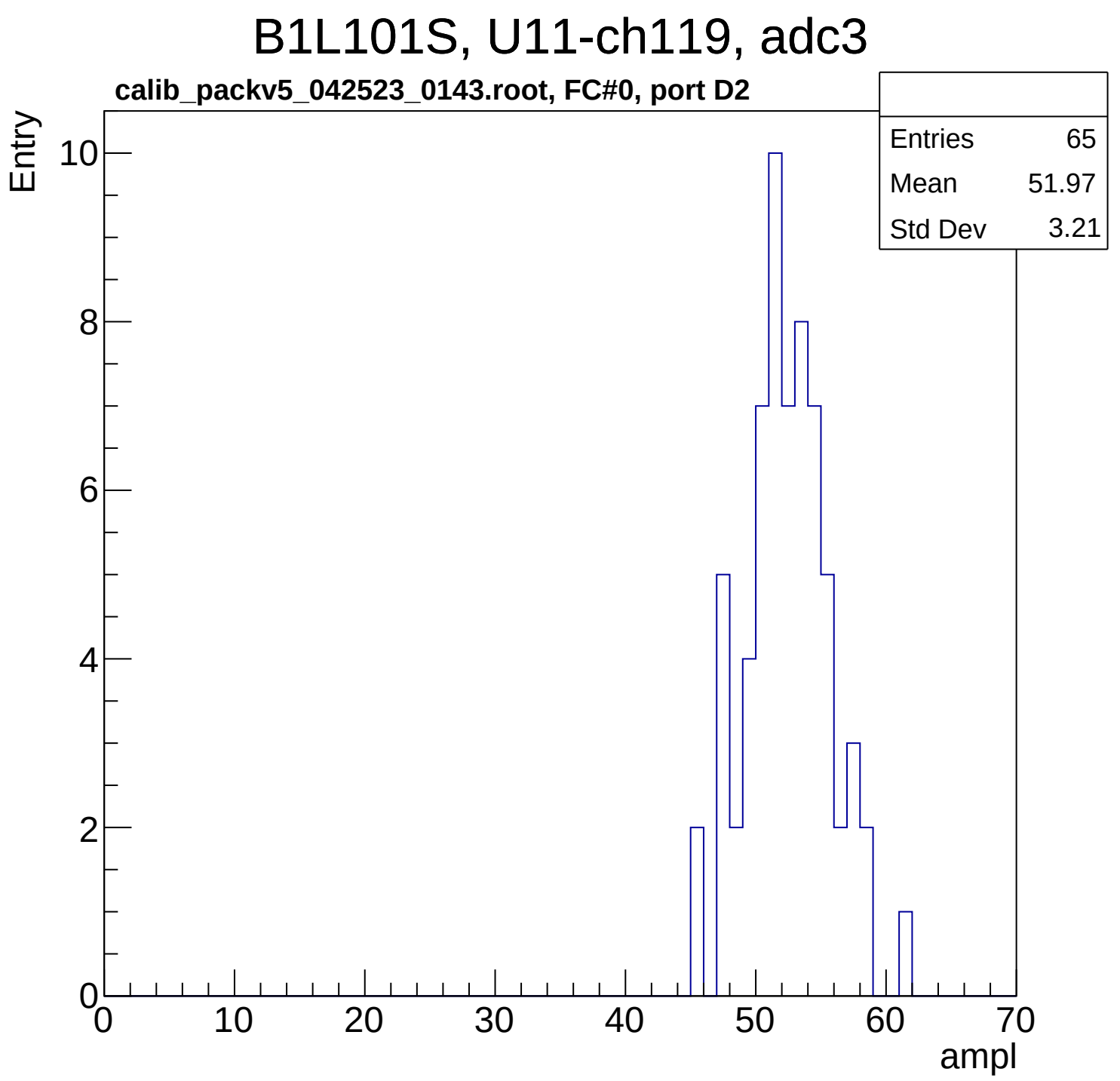
B1L101S, U11-ch119, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 51.97
Std Dev 3.21
Entry
ampl
0
2
4
6
8
10
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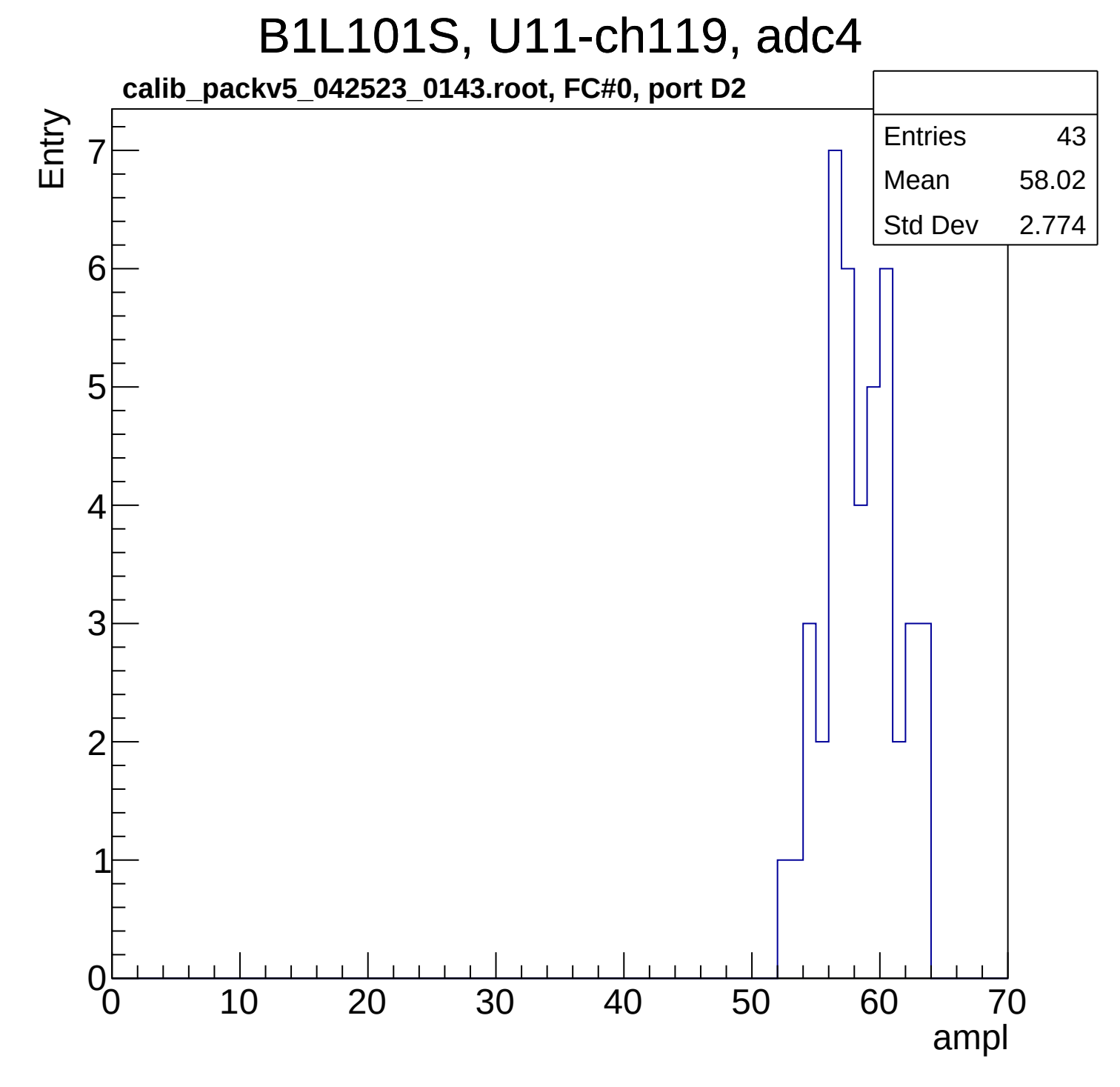
B1L101S, U11-ch119, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 43
Mean 58.02
Std Dev 2.774
Entry
ampl
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1
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4
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60
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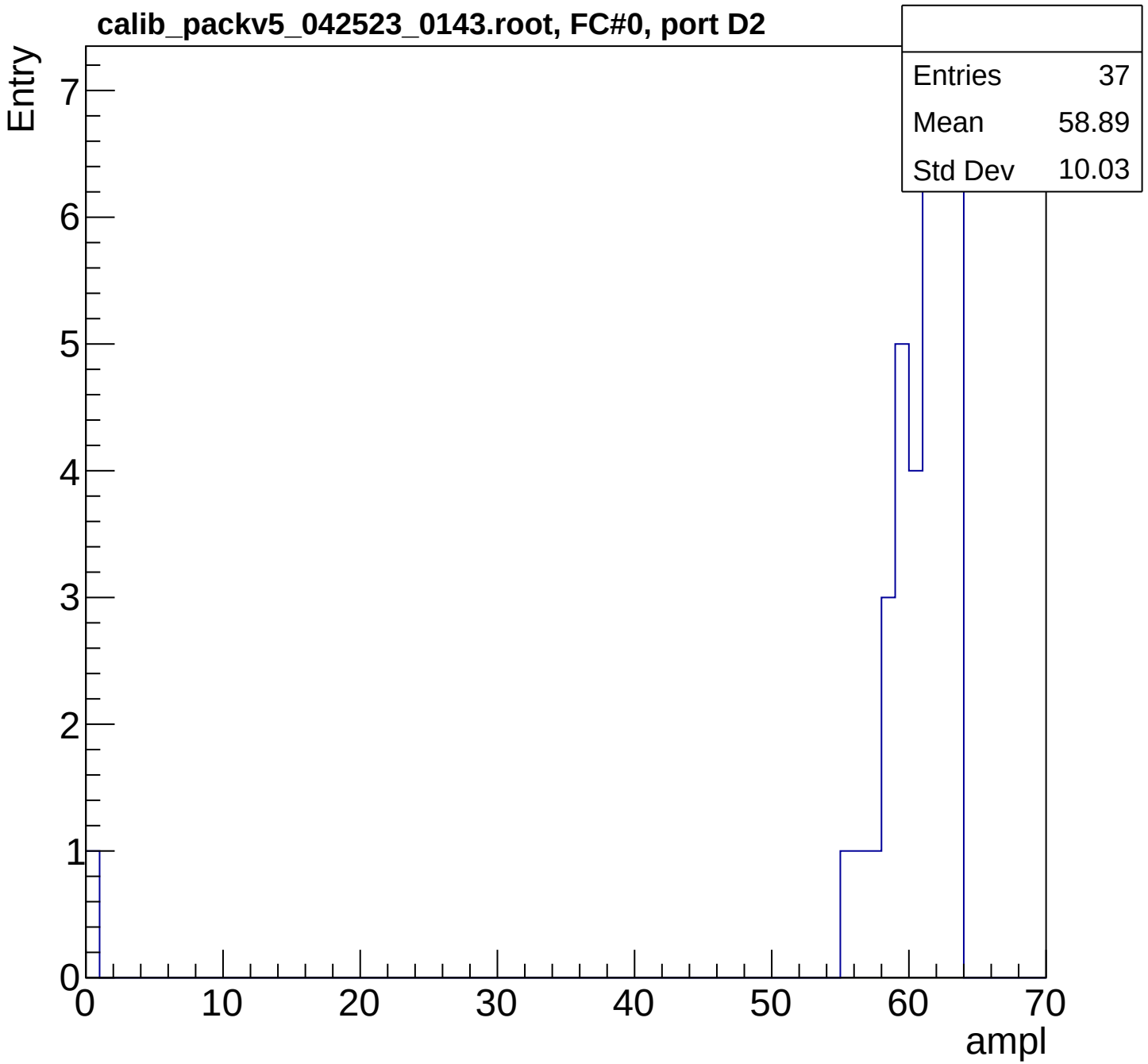
B1L101S, U11-ch119, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 37
Mean 58.89
Std Dev 10.03
Entry
ampl
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1
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60
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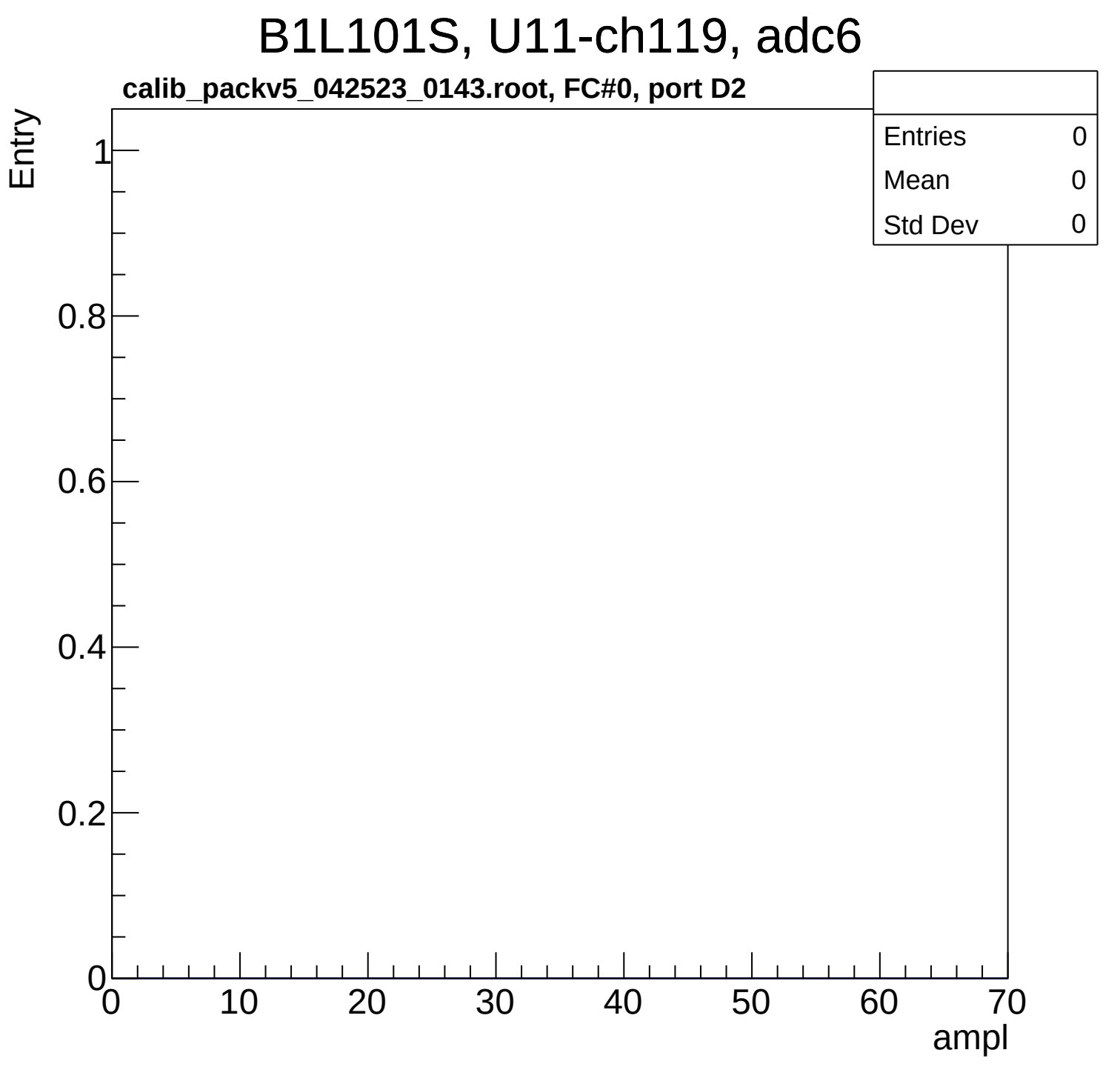
B1L101S, U11-ch119, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
0
0
10
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30
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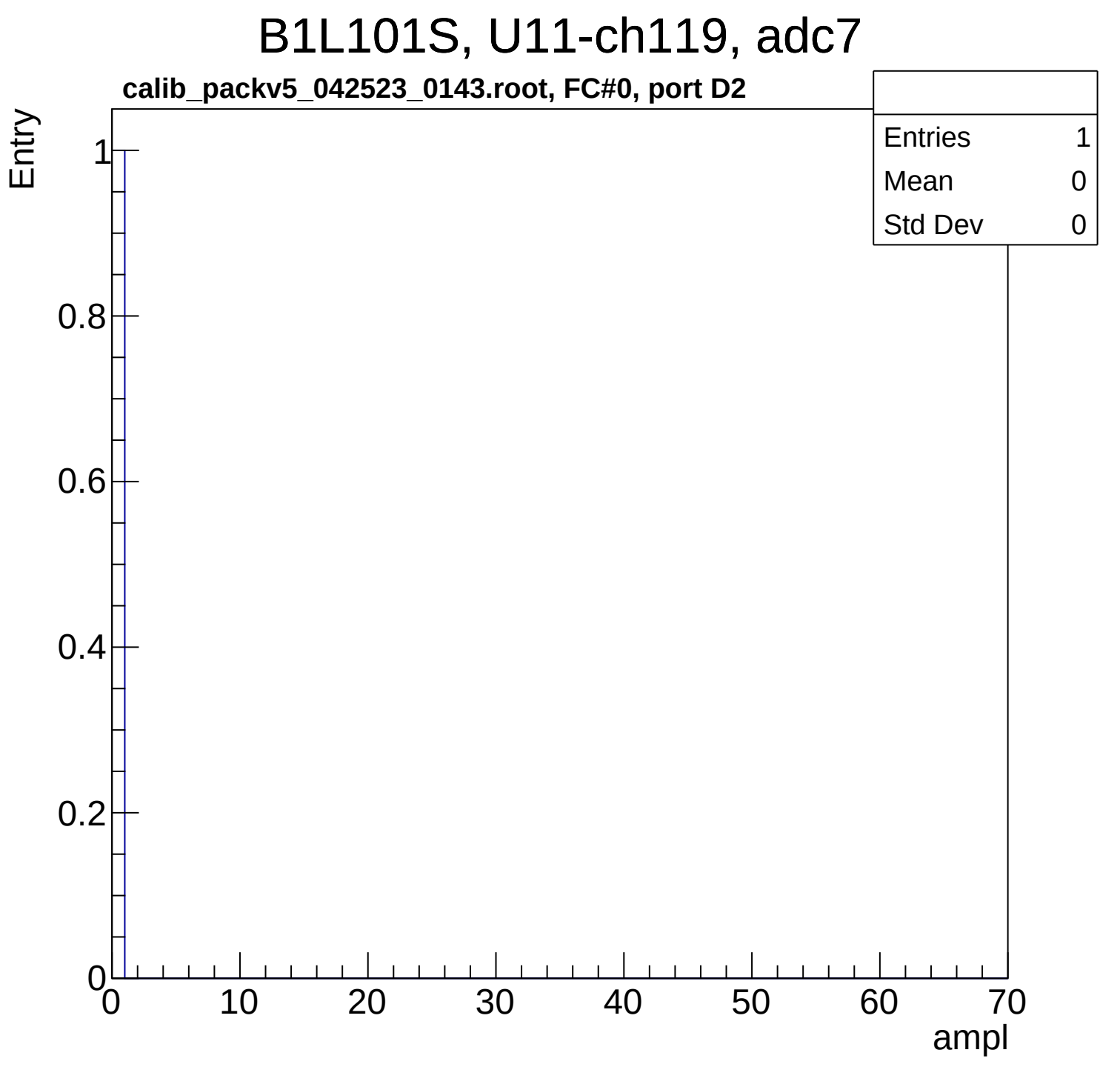
50
60
70
ampl


B1L101S, U11-ch119, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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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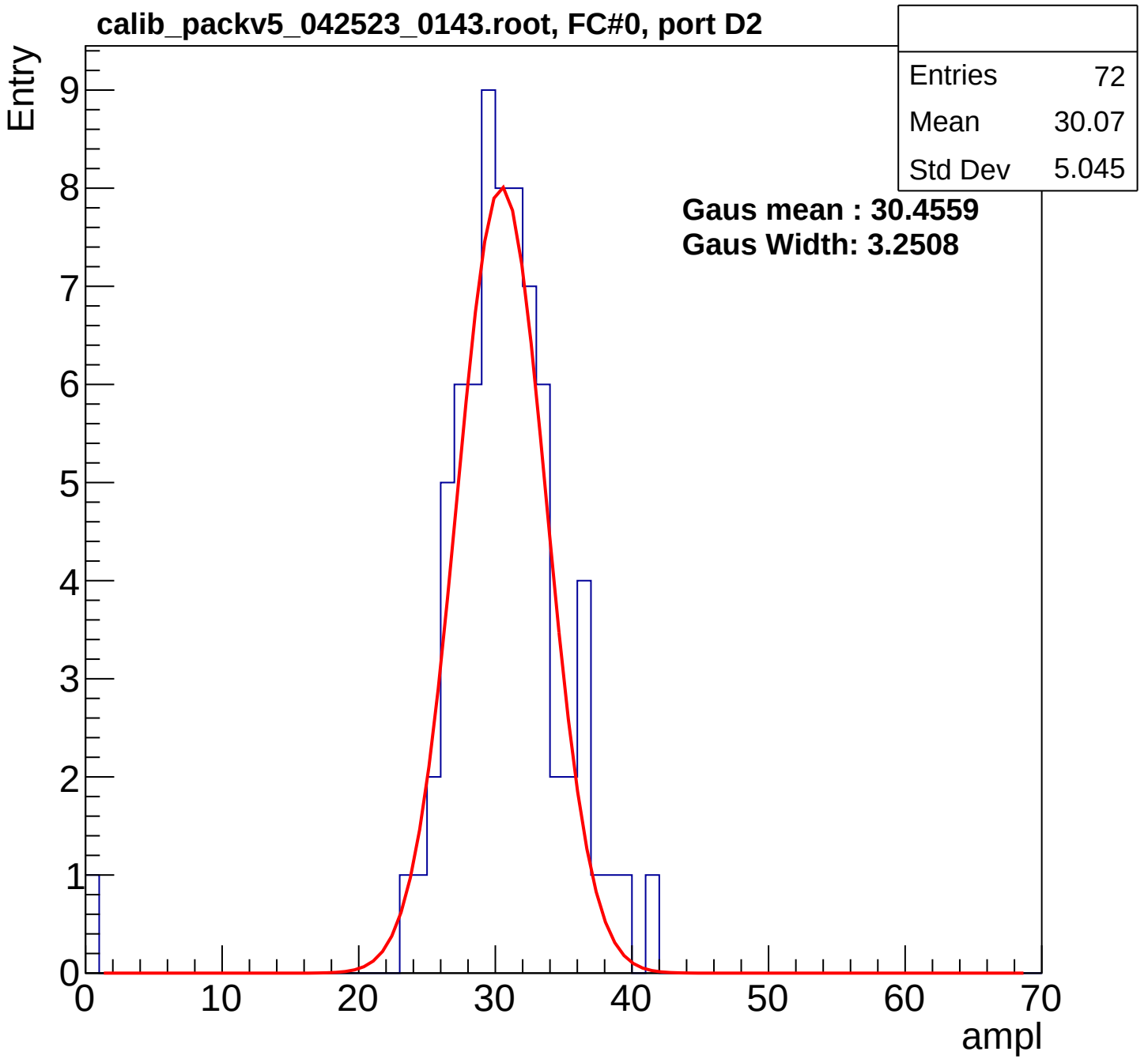
30
40
50
60
70
ampl


B1L101S, U11-ch120, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 30.07
Std Dev 5.045
Gaus mean : 30.4559
Gaus Width: 3.2508
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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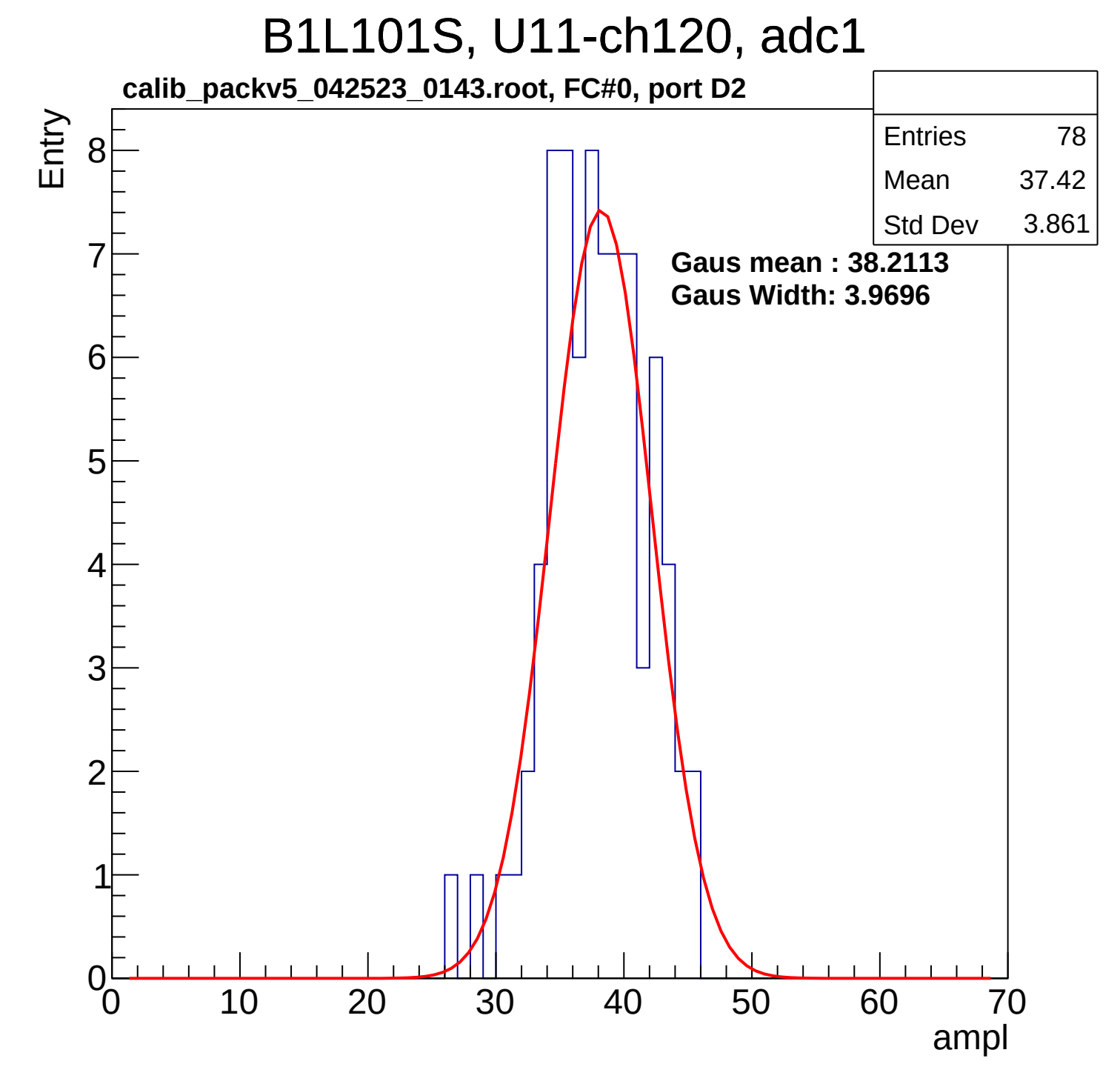
B1L101S, U11-ch120, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 78
Mean 37.42
Std Dev 3.861
Gaus mean : 38.2113
Gaus Width: 3.9696
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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20
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40
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60
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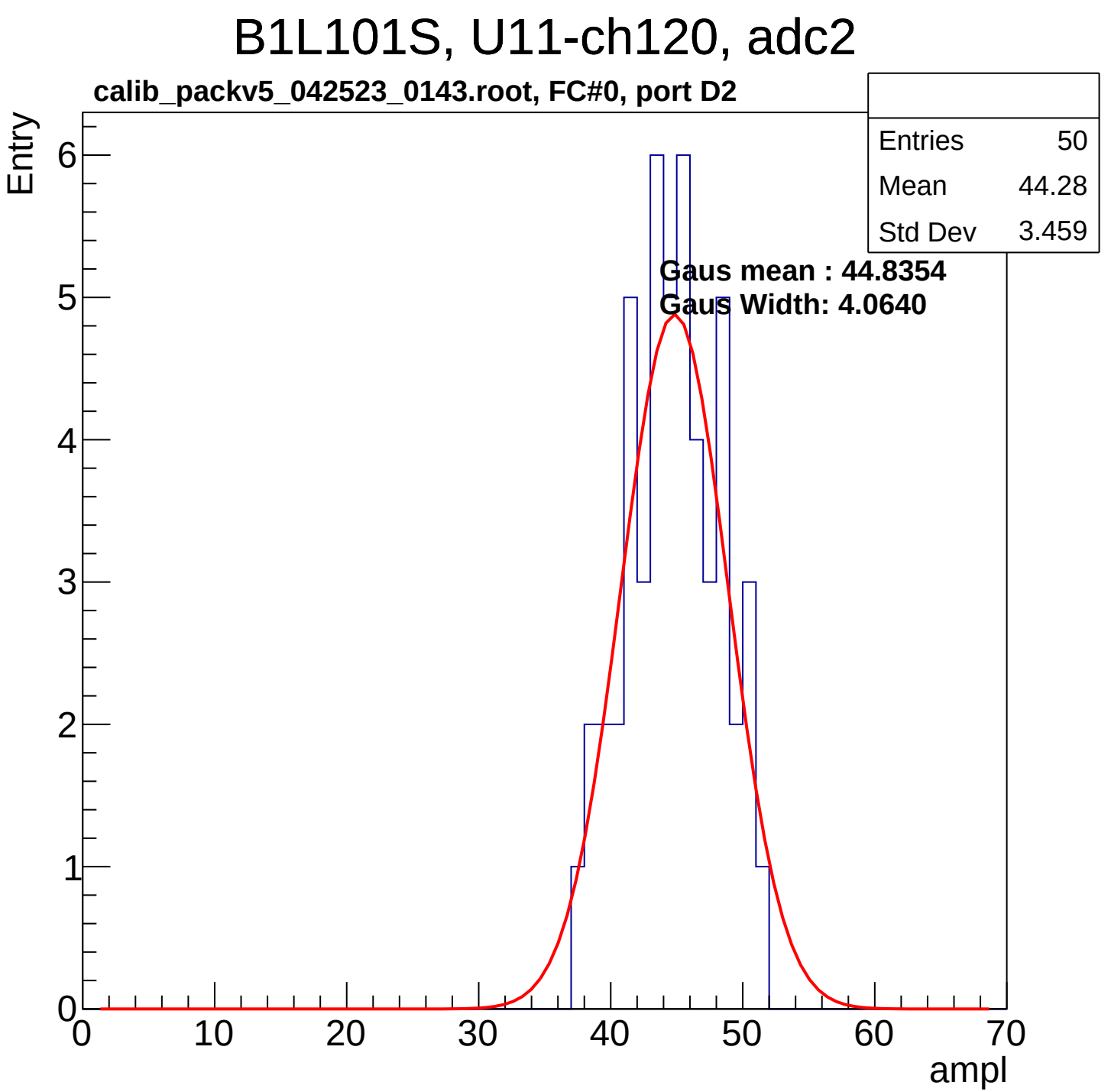
B1L101S, U11-ch120, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 50
Mean 44.28
Std Dev 3.459
Gaus mean : 44.8354
Gaus Width: 4.0640
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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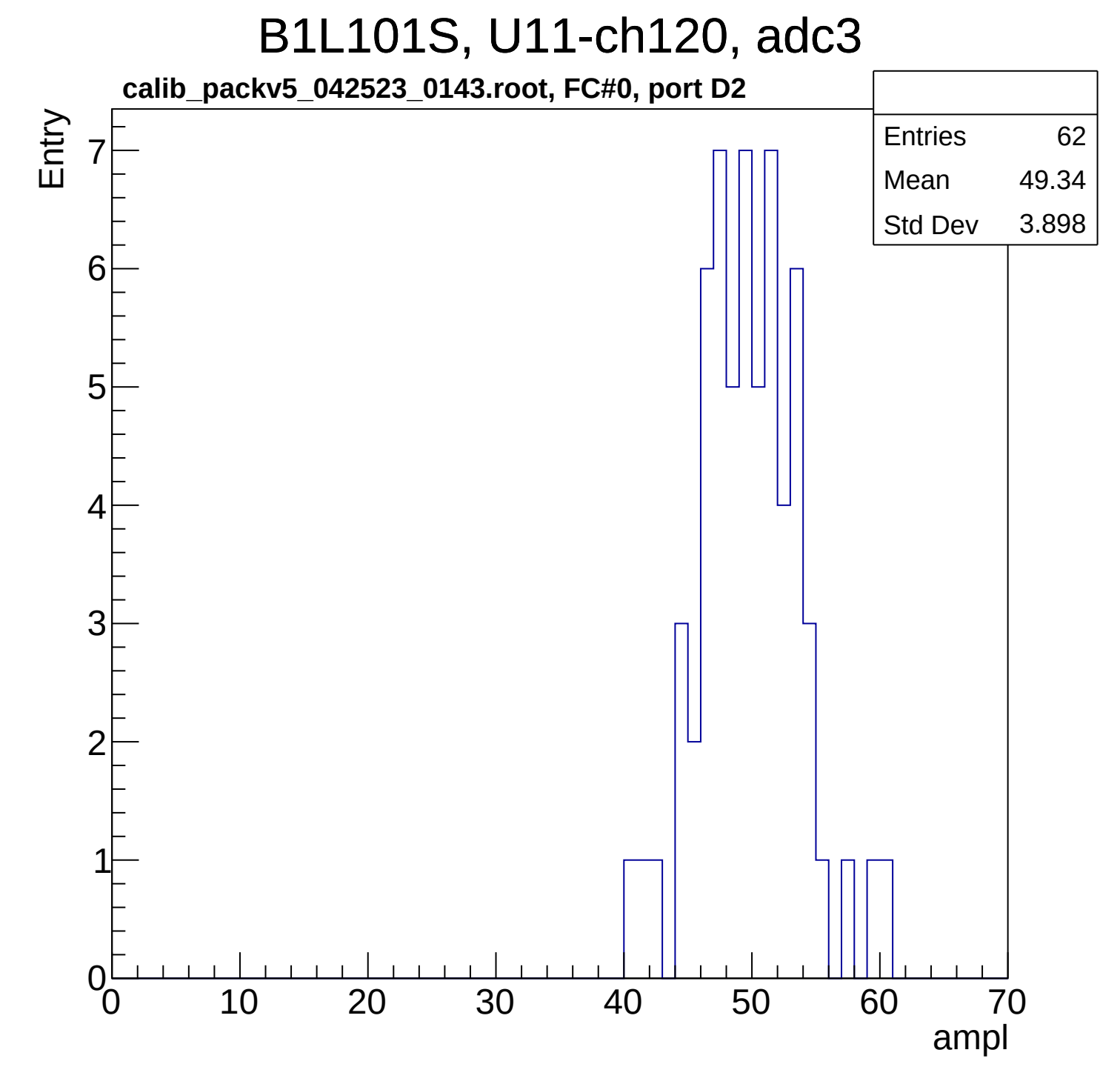
B1L101S, U11-ch120, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 49.34
Std Dev 3.898
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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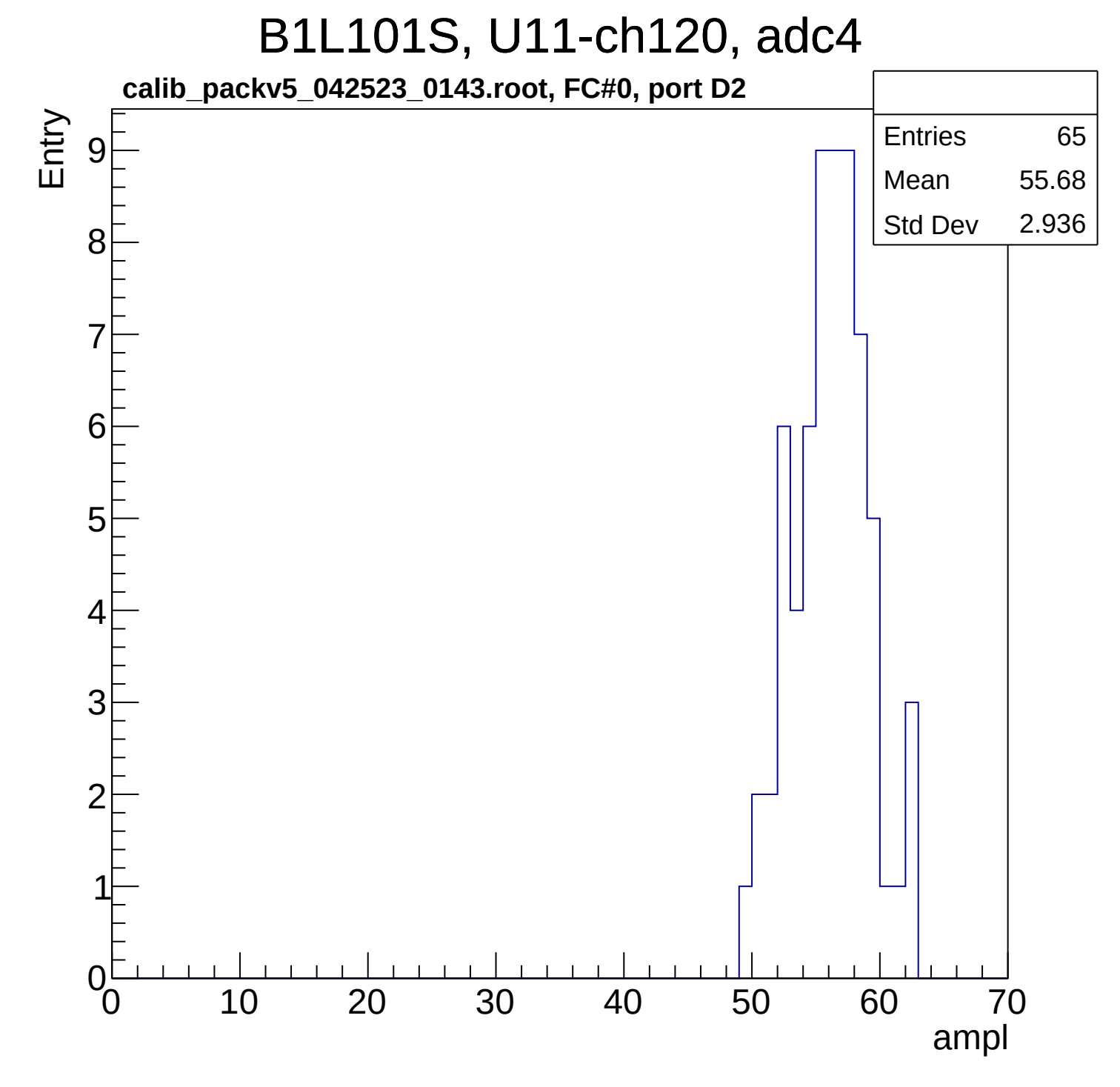
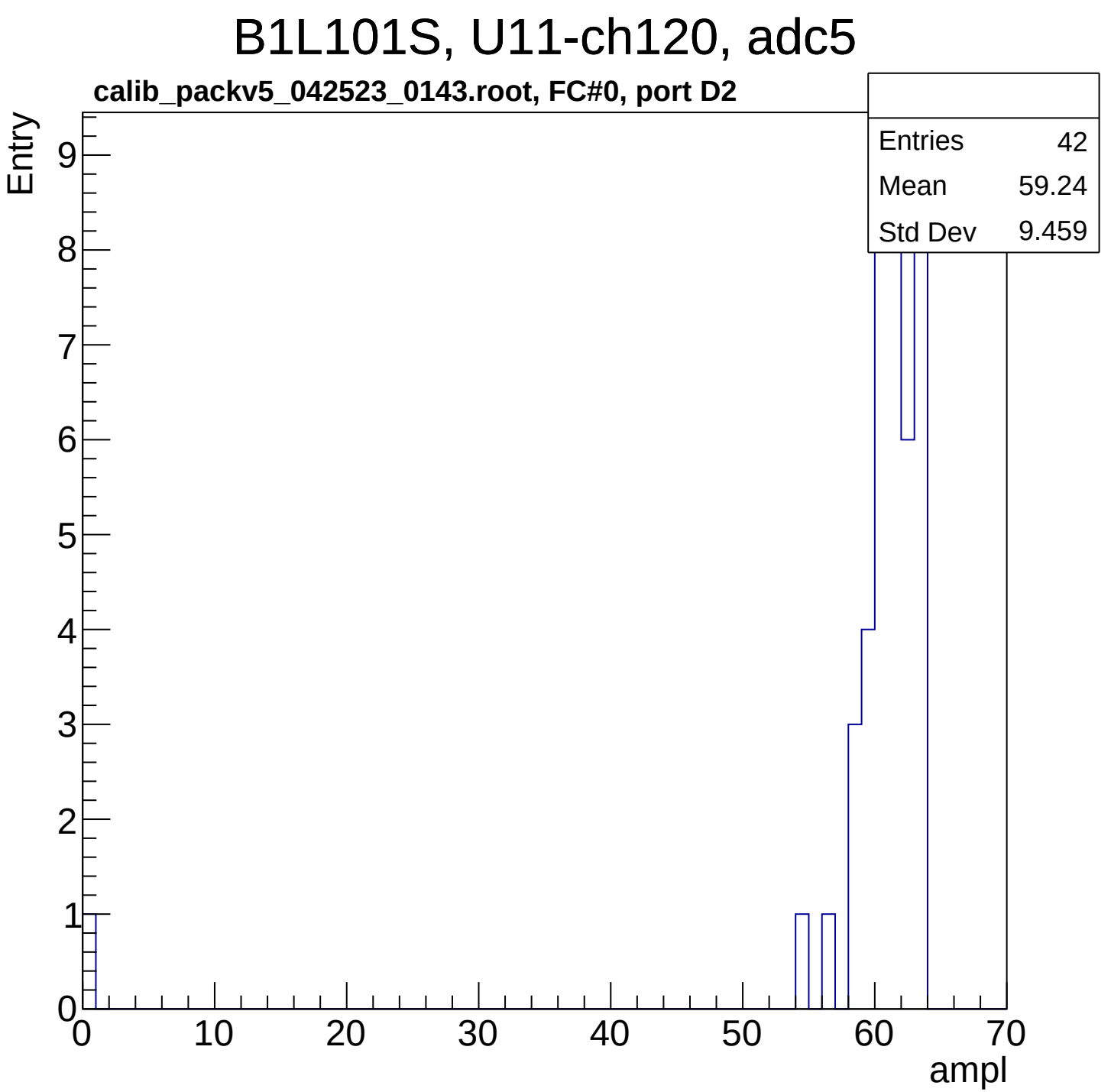

B1L101S, U11-ch120, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 55.68
Std Dev 2.936
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch120, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 42
Mean 59.24
Std Dev 9.459
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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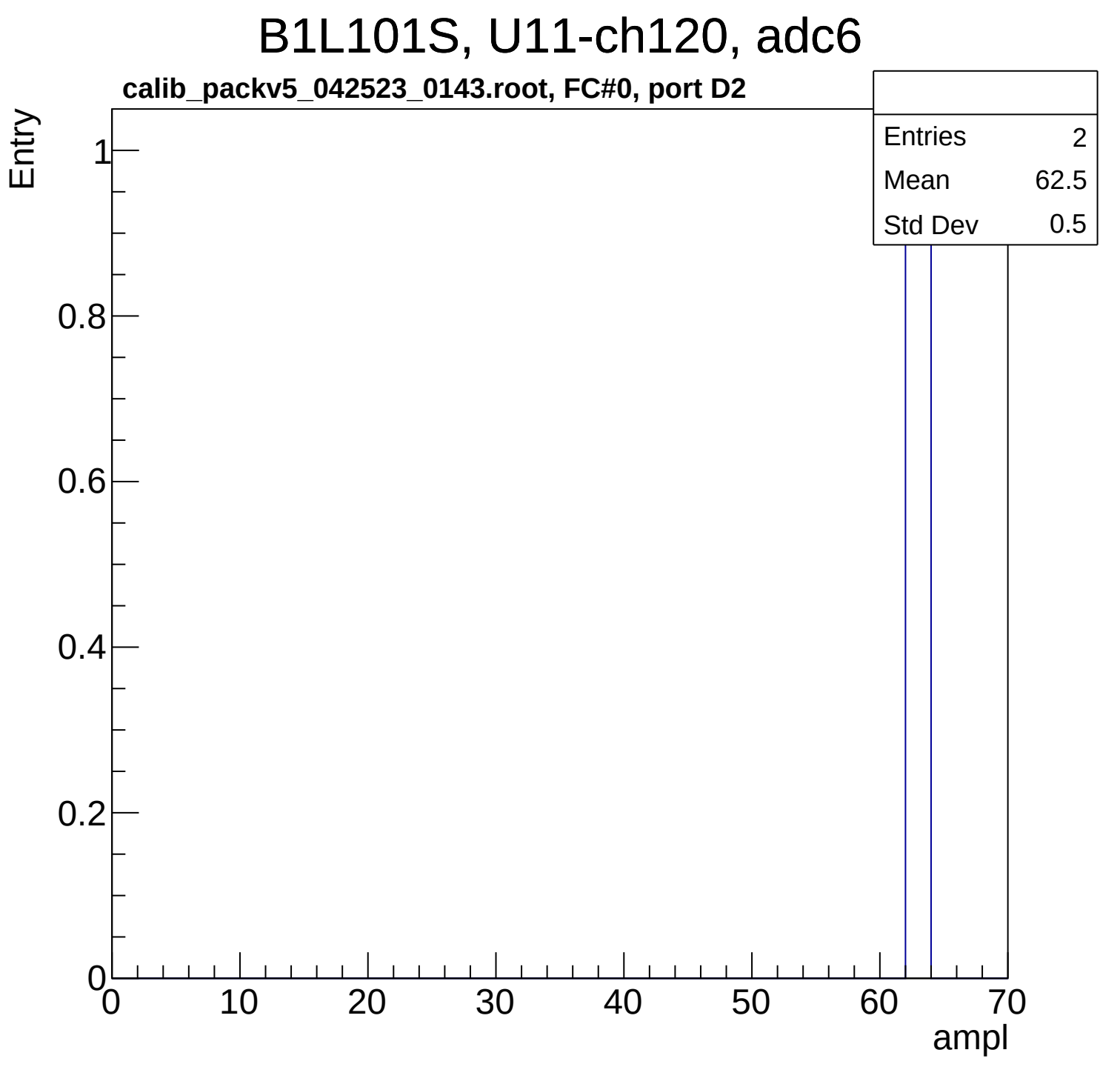
B1L101S, U11-ch120, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
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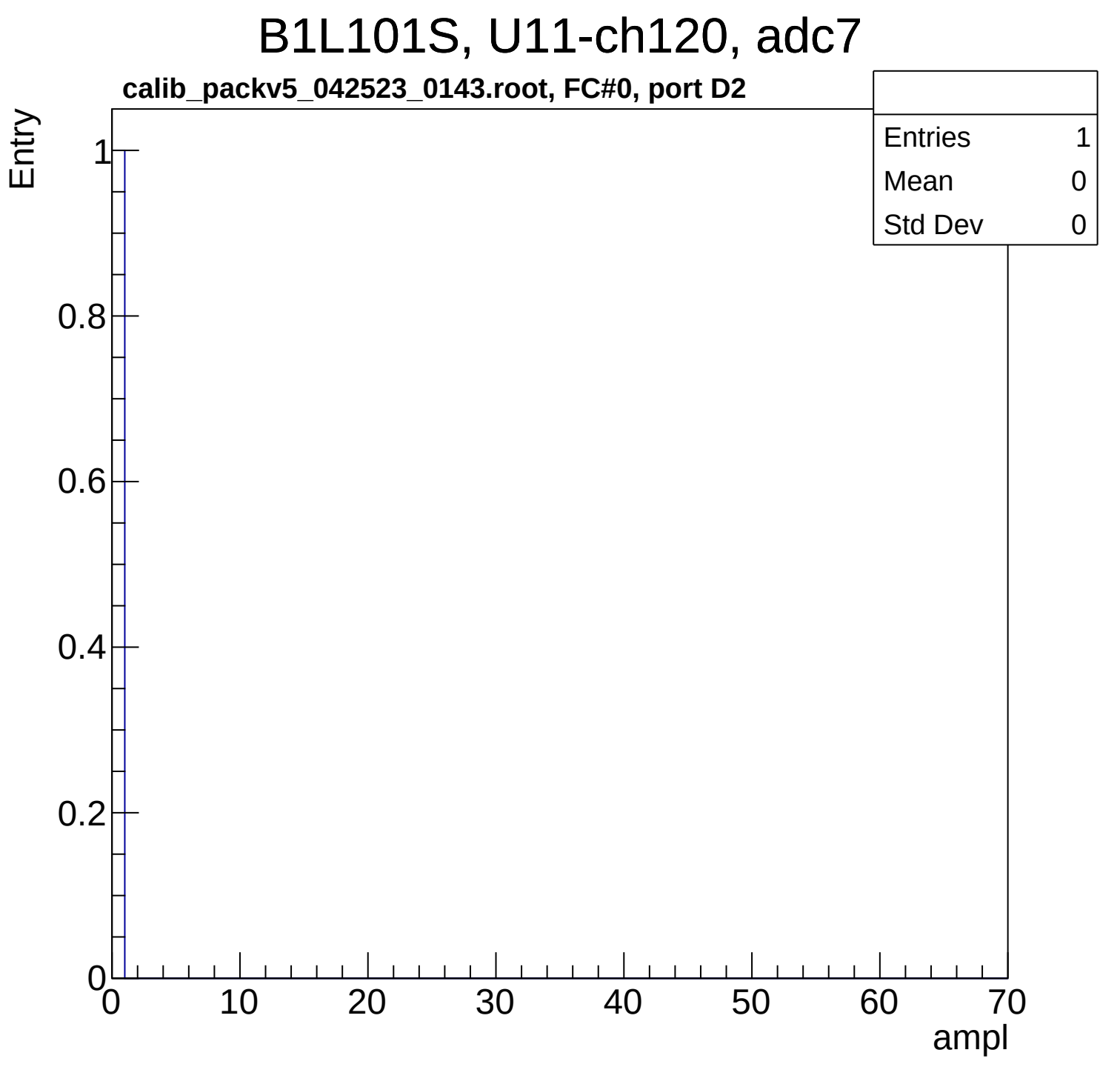
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch120, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 0
Std Dev 0
Entry
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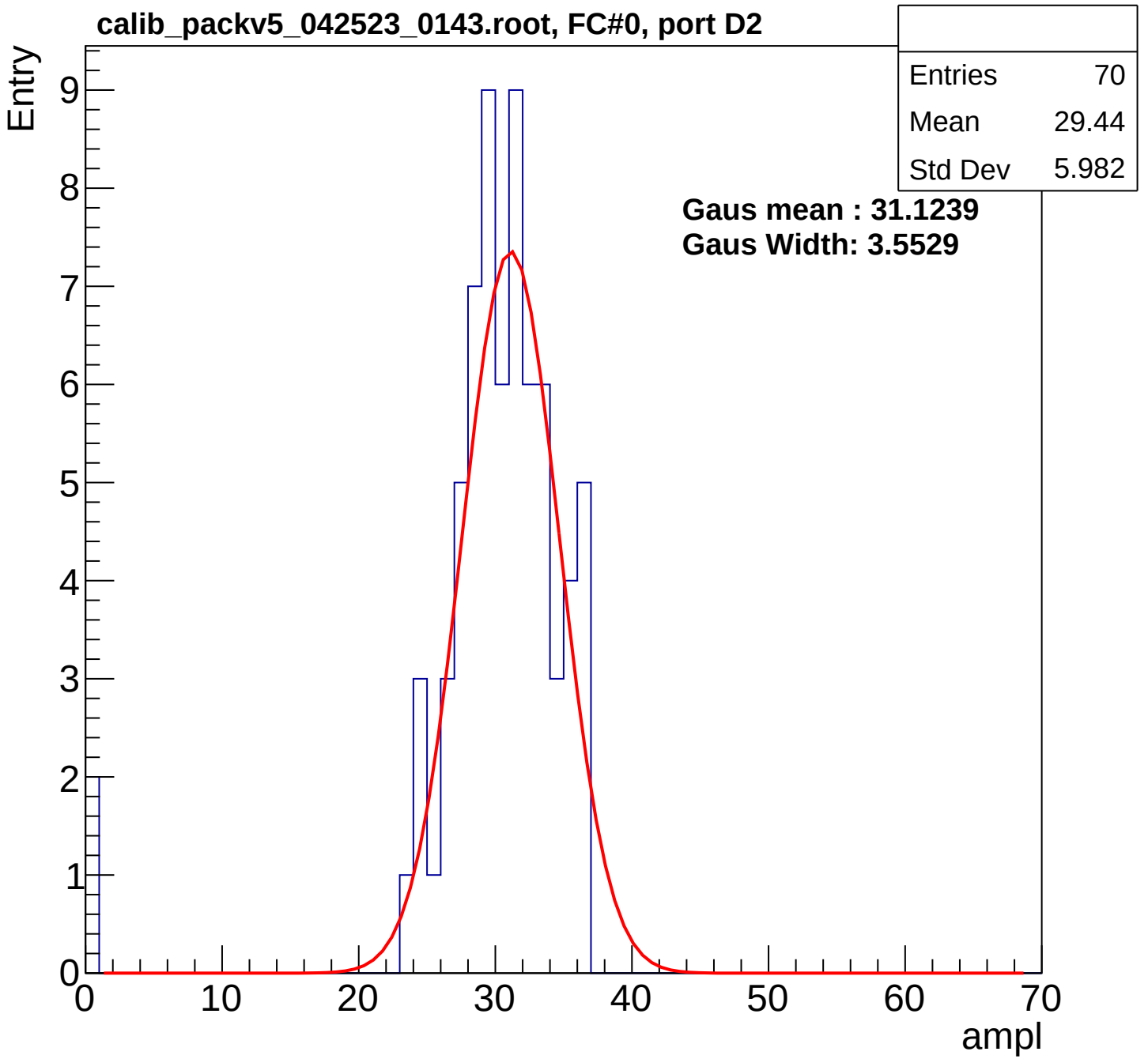
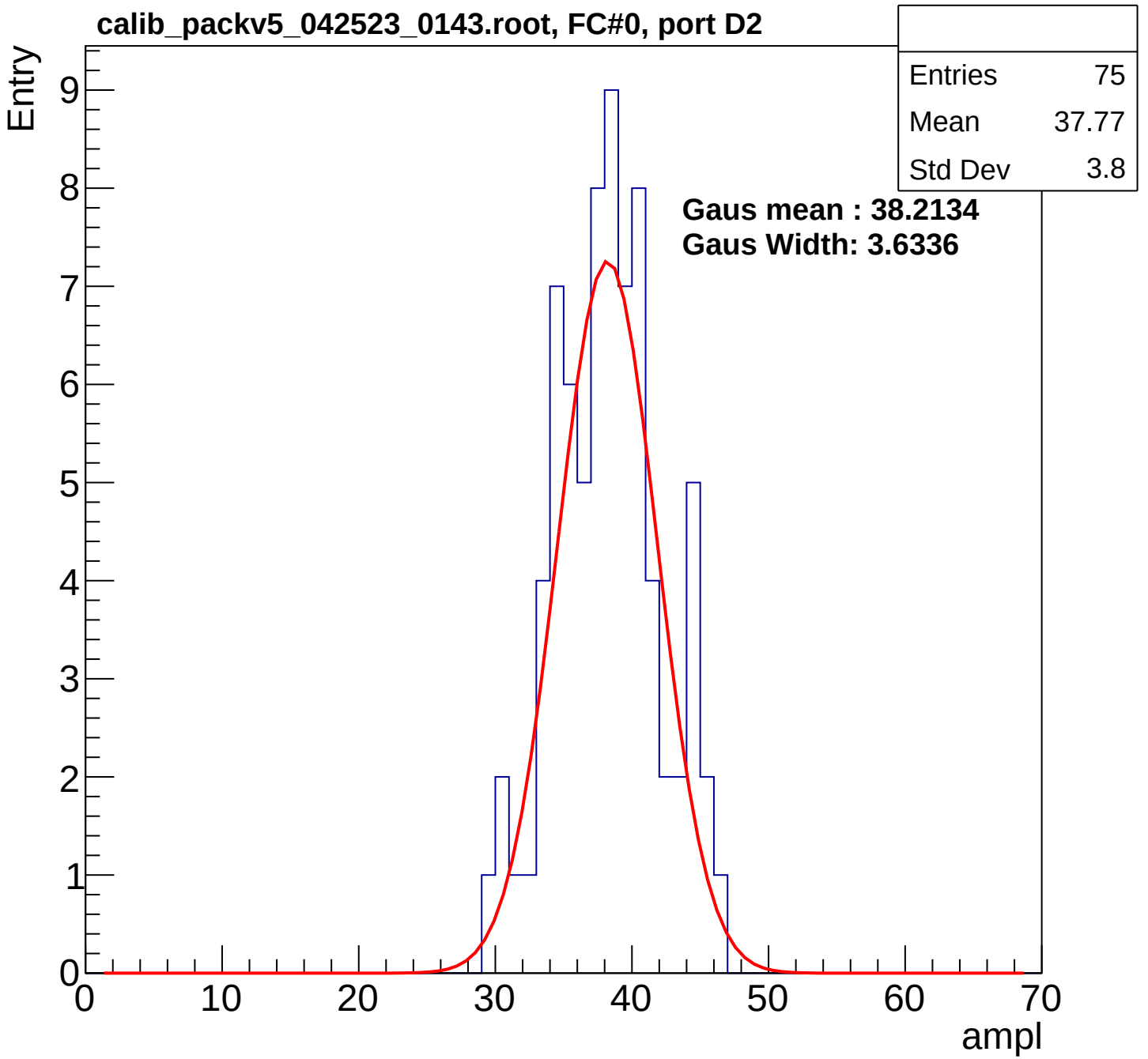
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch121, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 70
Mean 29.44
Std Dev 5.982
Gaus mean : 31.1239
Gaus Width: 3.5529
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch121, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 75
Mean 37.77
Std Dev 3.8
Gaus mean : 38.2134
Gaus Width: 3.6336
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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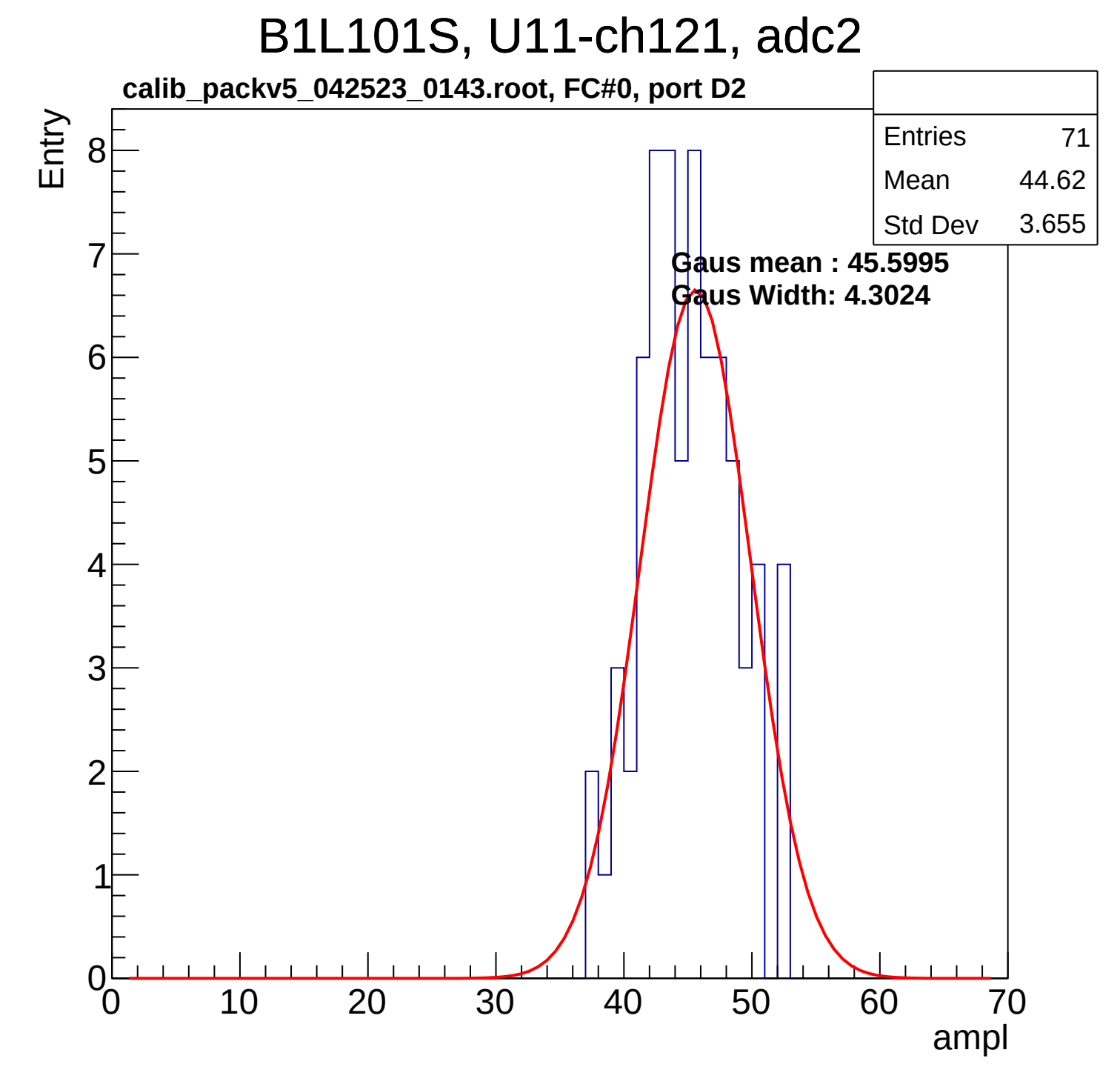
B1L101S, U11-ch121, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 44.62
Std Dev 3.655
Gaus mean : 45.5995
Gaus Width: 4.3024
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
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60
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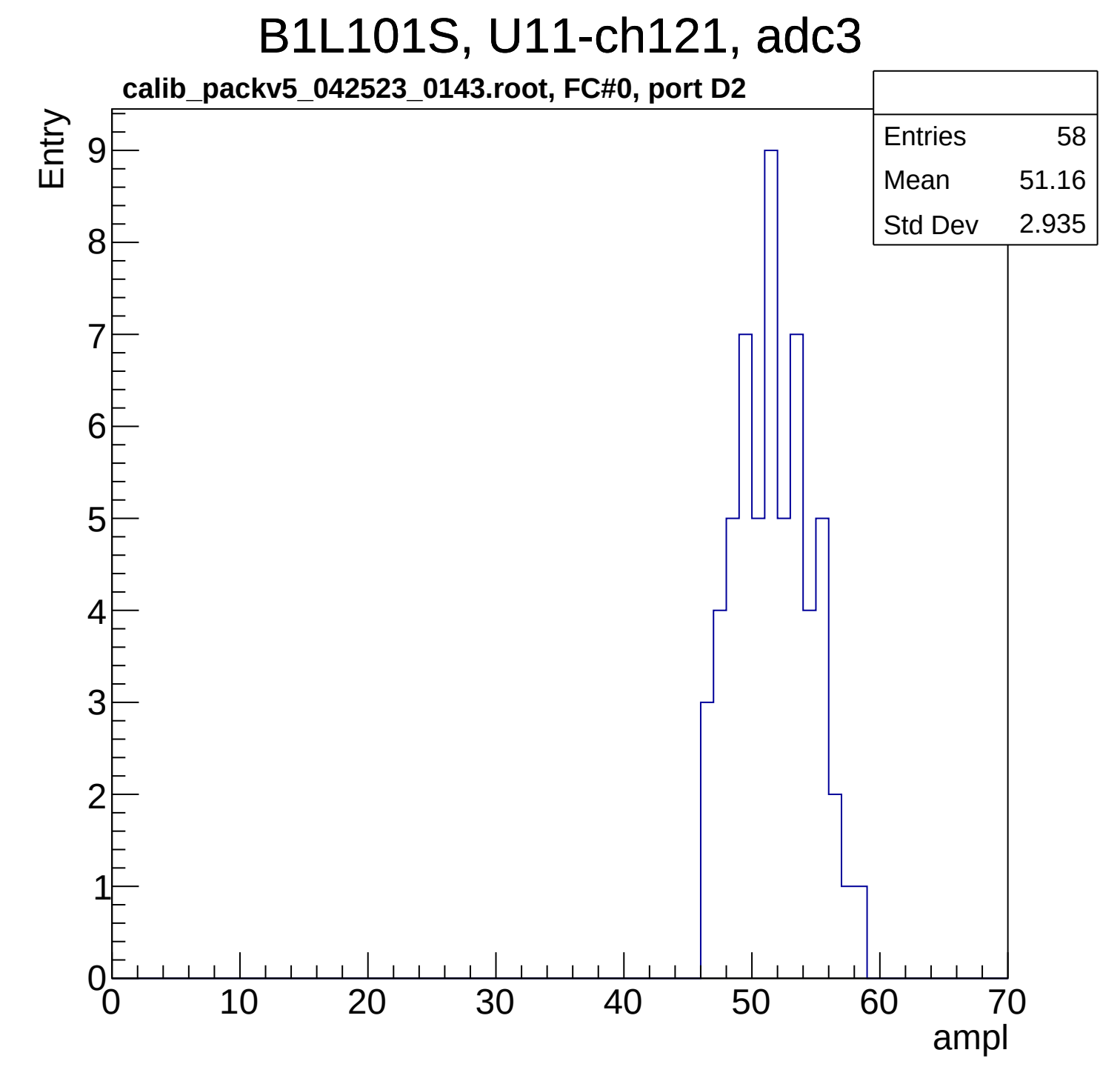
B1L101S, U11-ch121, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 51.16
Std Dev 2.935
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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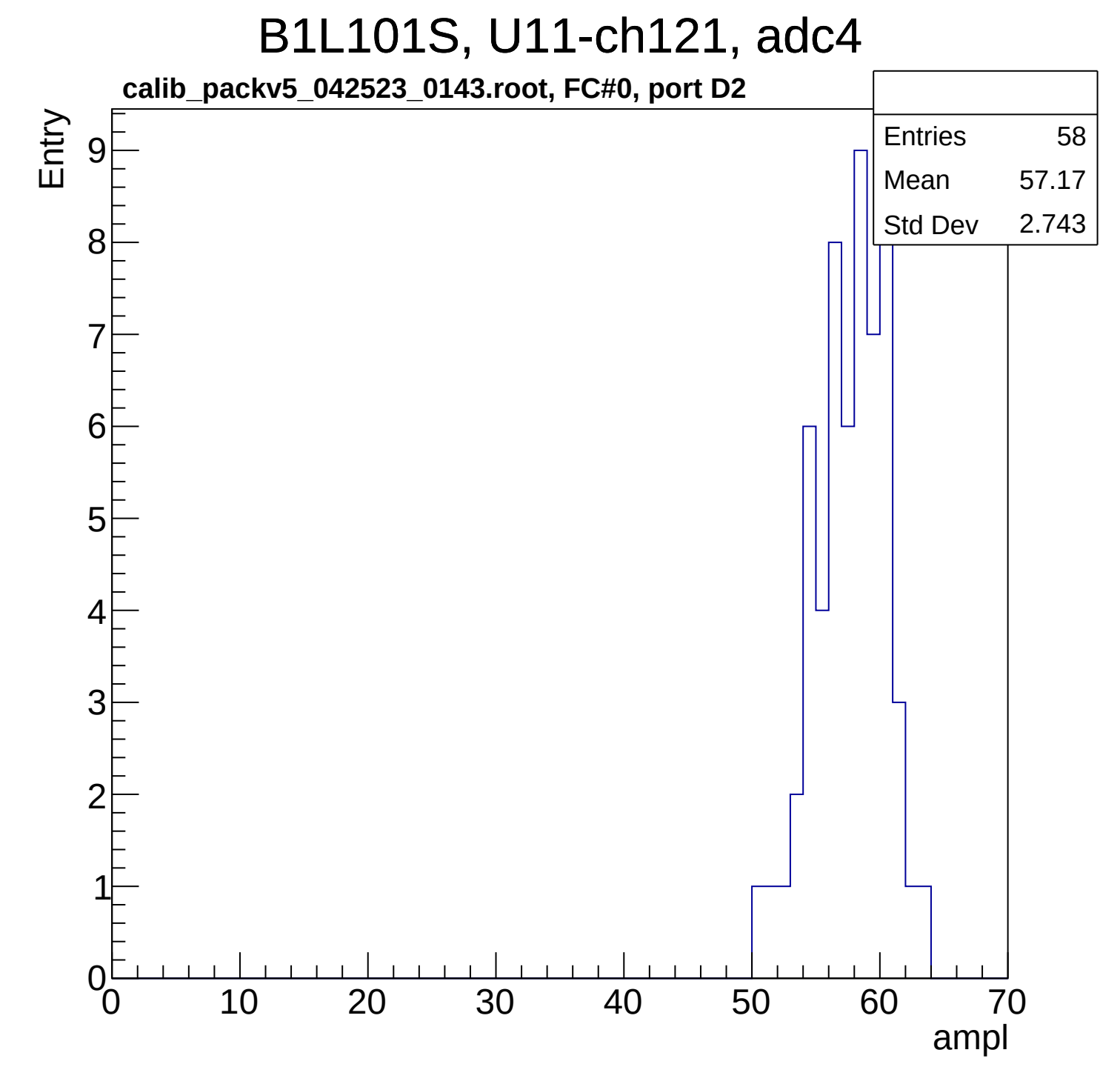
B1L101S, U11-ch121, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 58
Mean 57.17
Std Dev 2.743
Entry
ampl
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2
3
4
5
6
7
8
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0
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60
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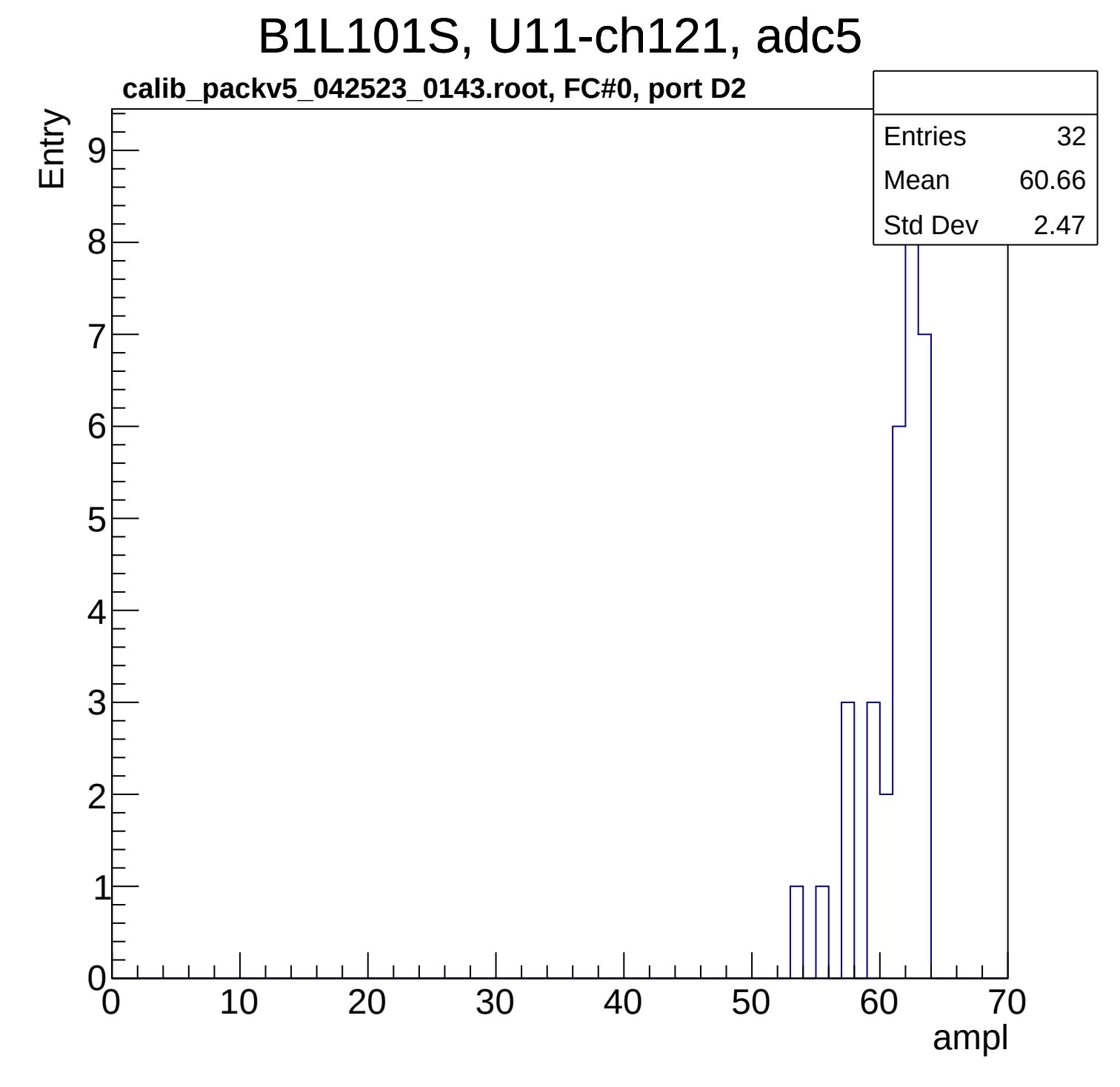
B1L101S, U11-ch121, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 32
Mean 60.66
Std Dev 2.47
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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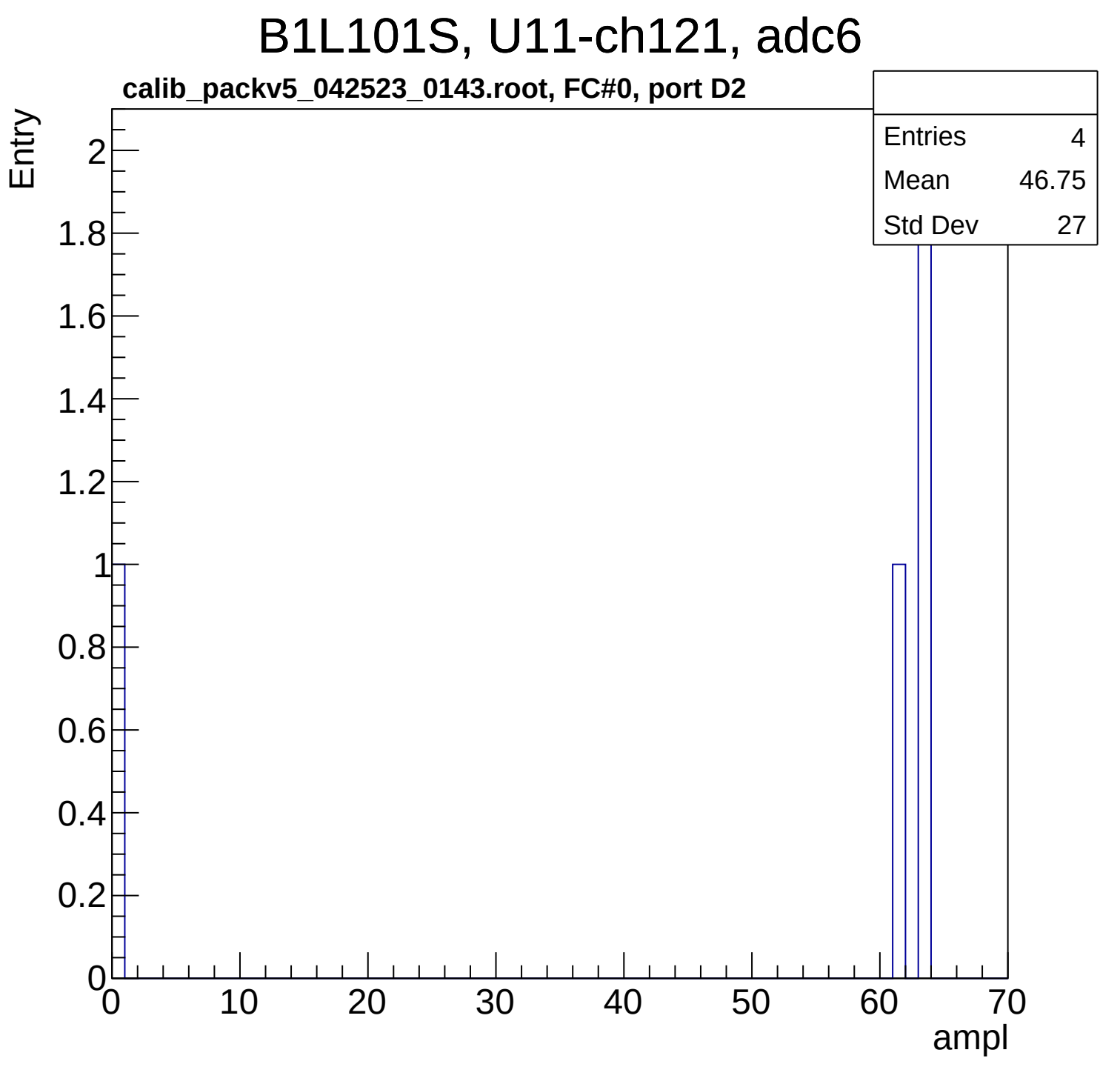
B1L101S, U11-ch121, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 46.75
Std Dev 27
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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20
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50
60
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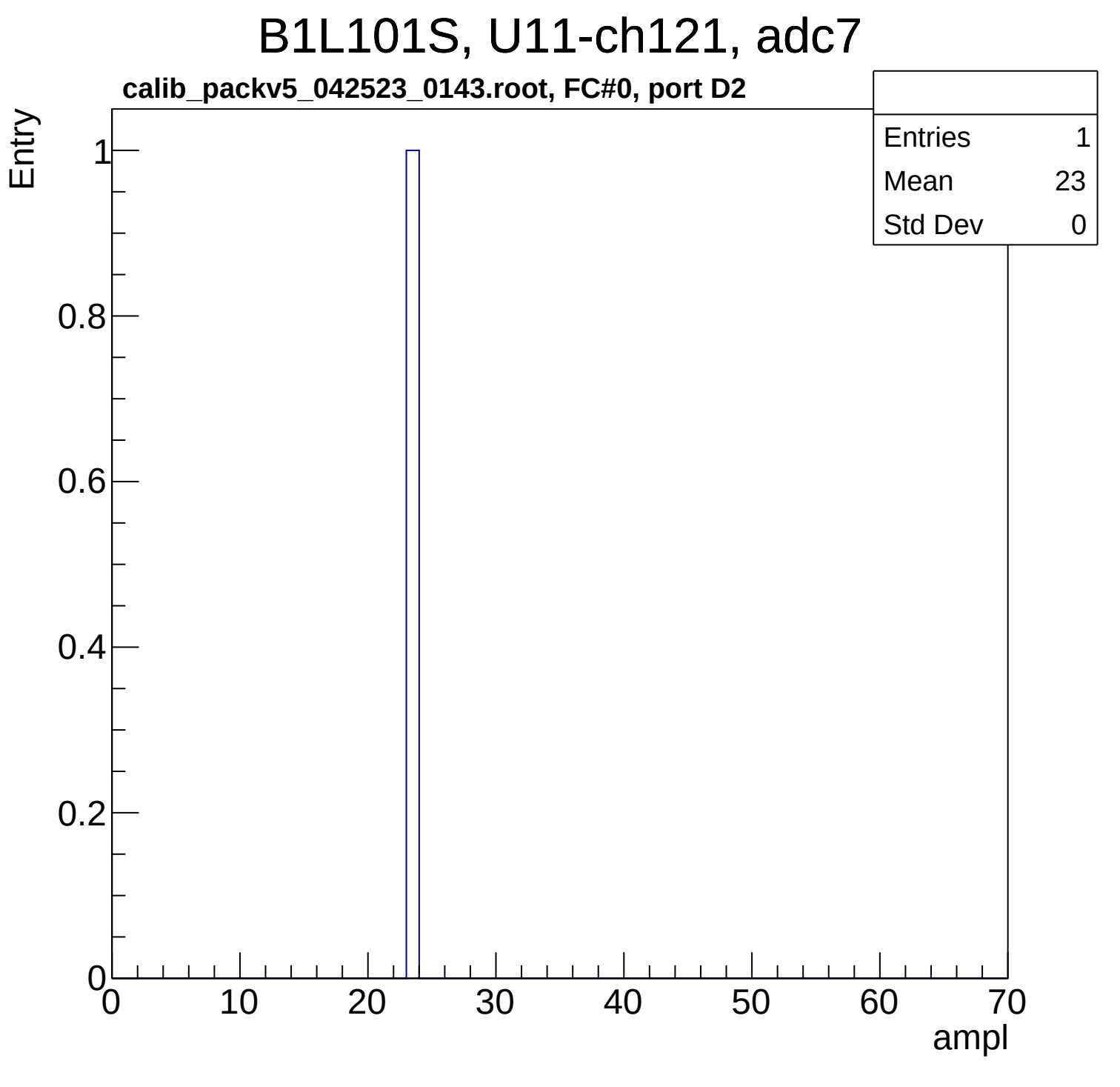
B1L101S, U11-ch121, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 1
Mean 23
Std Dev 0
Entry
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0.6
0.4
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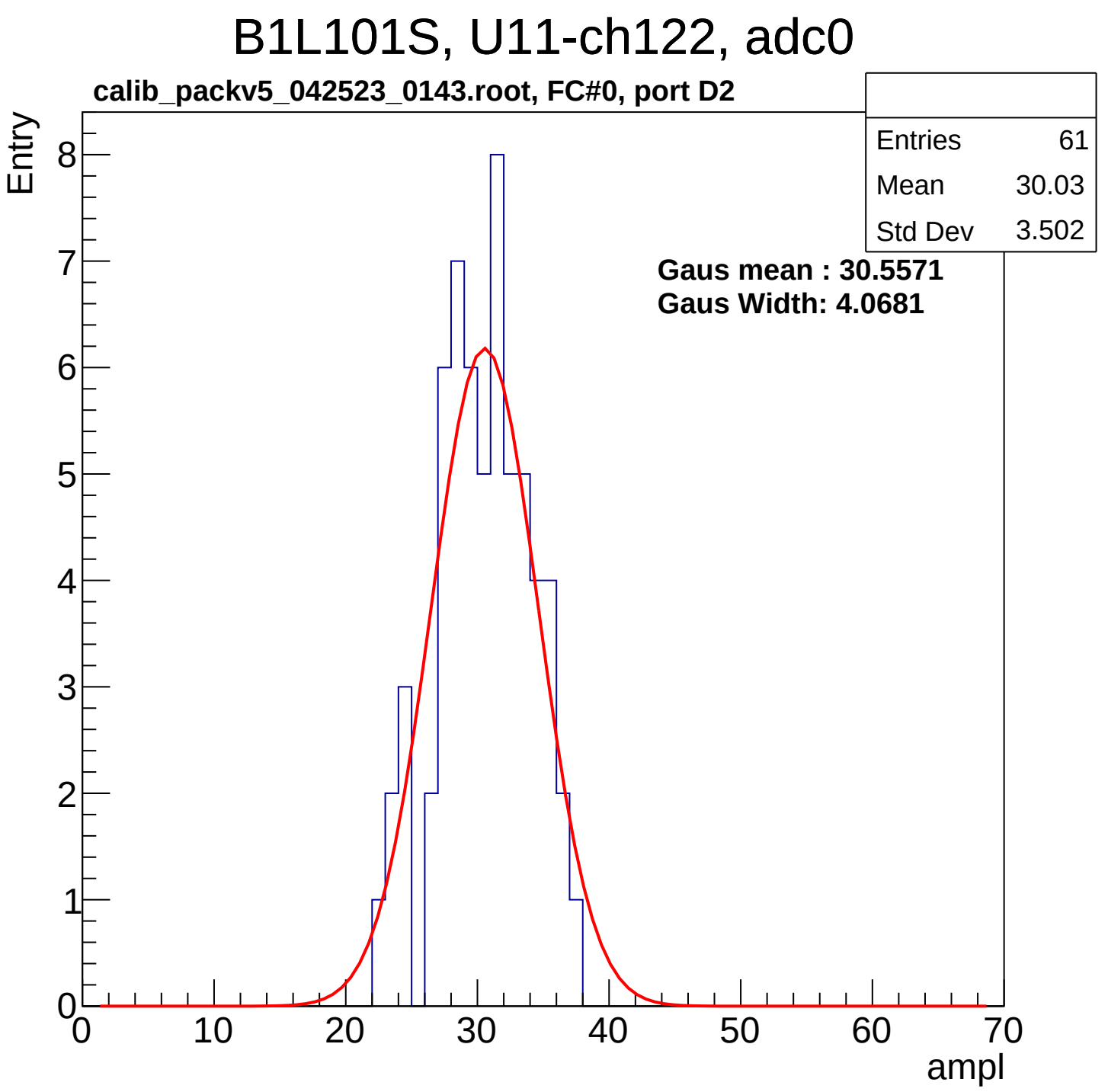
50
60
70
ampl


B1L101S, U11-ch122, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 30.03
Std Dev 3.502
Gaus mean : 30.5571
Gaus Width: 4.0681
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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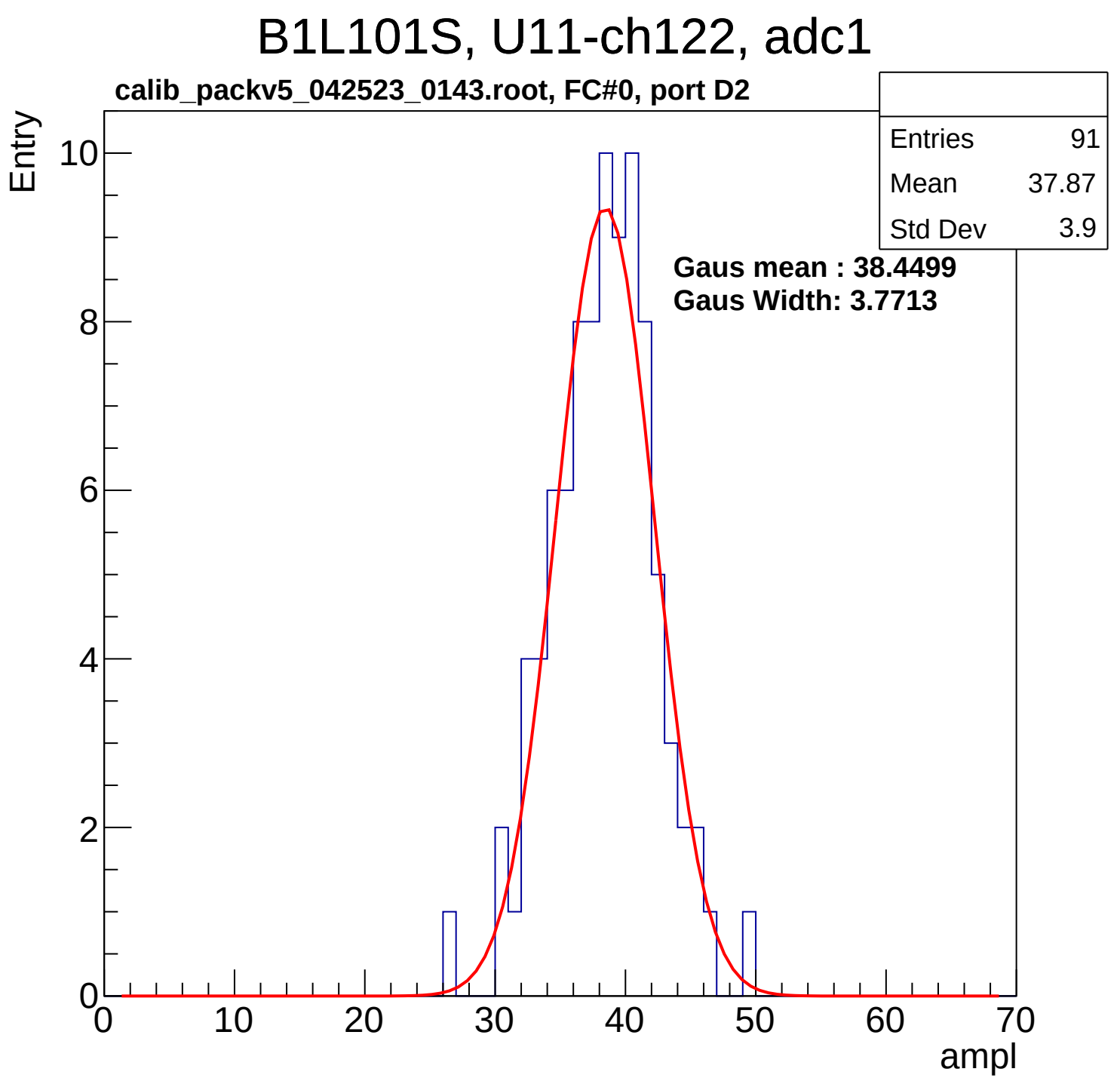
40
50
60
70


B1L101S, U11-ch122, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 91
Mean 37.87
Std Dev 3.9
Gaus mean : 38.4499
Gaus Width: 3.7713
Entry
ampl
0
2
4
6
8
10
0
10
20
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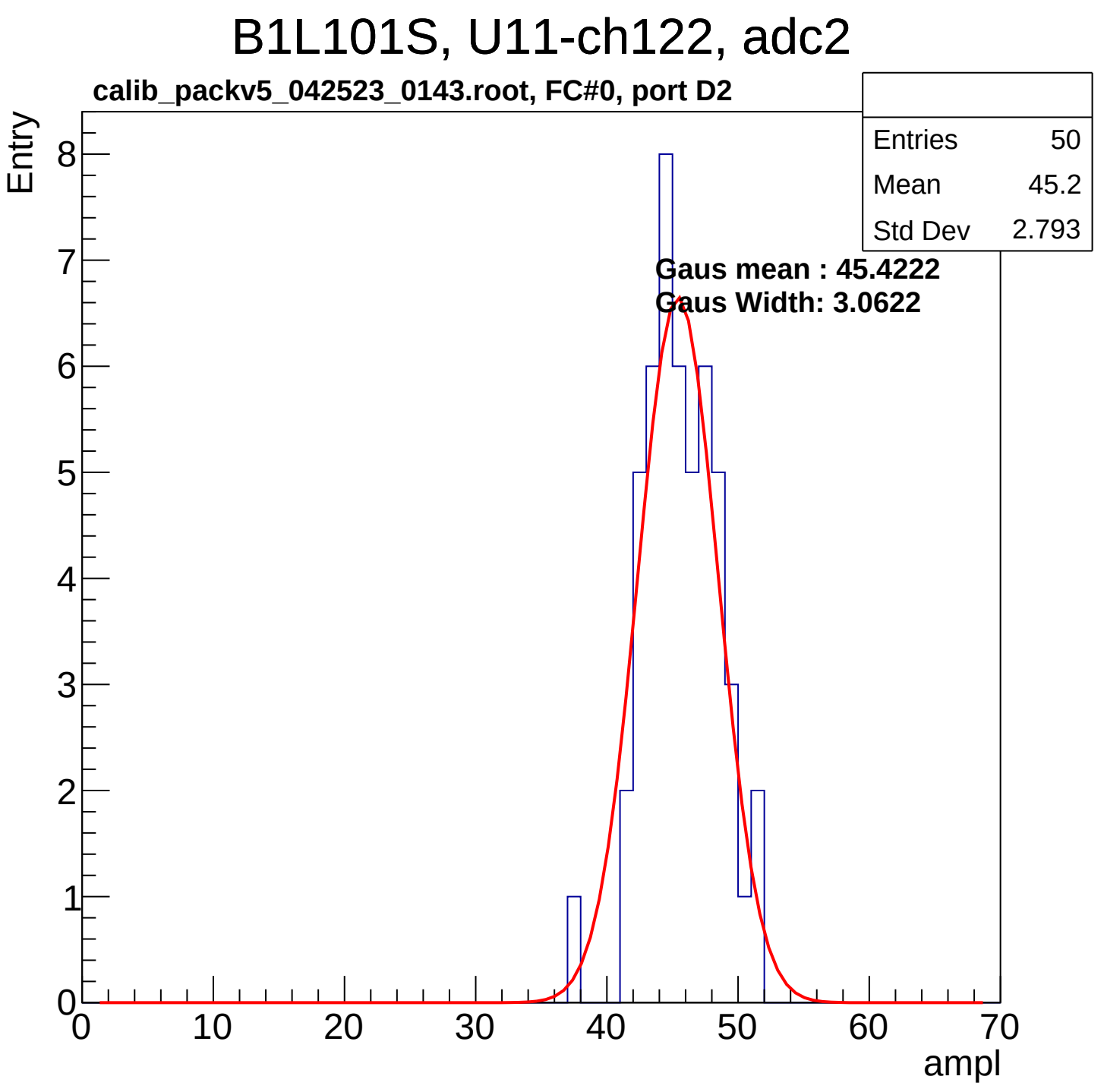
40
50
60
70


B1L101S, U11-ch122, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 50
Mean 45.2
Std Dev 2.793
Gaus mean : 45.4222
Gaus Width: 3.0622
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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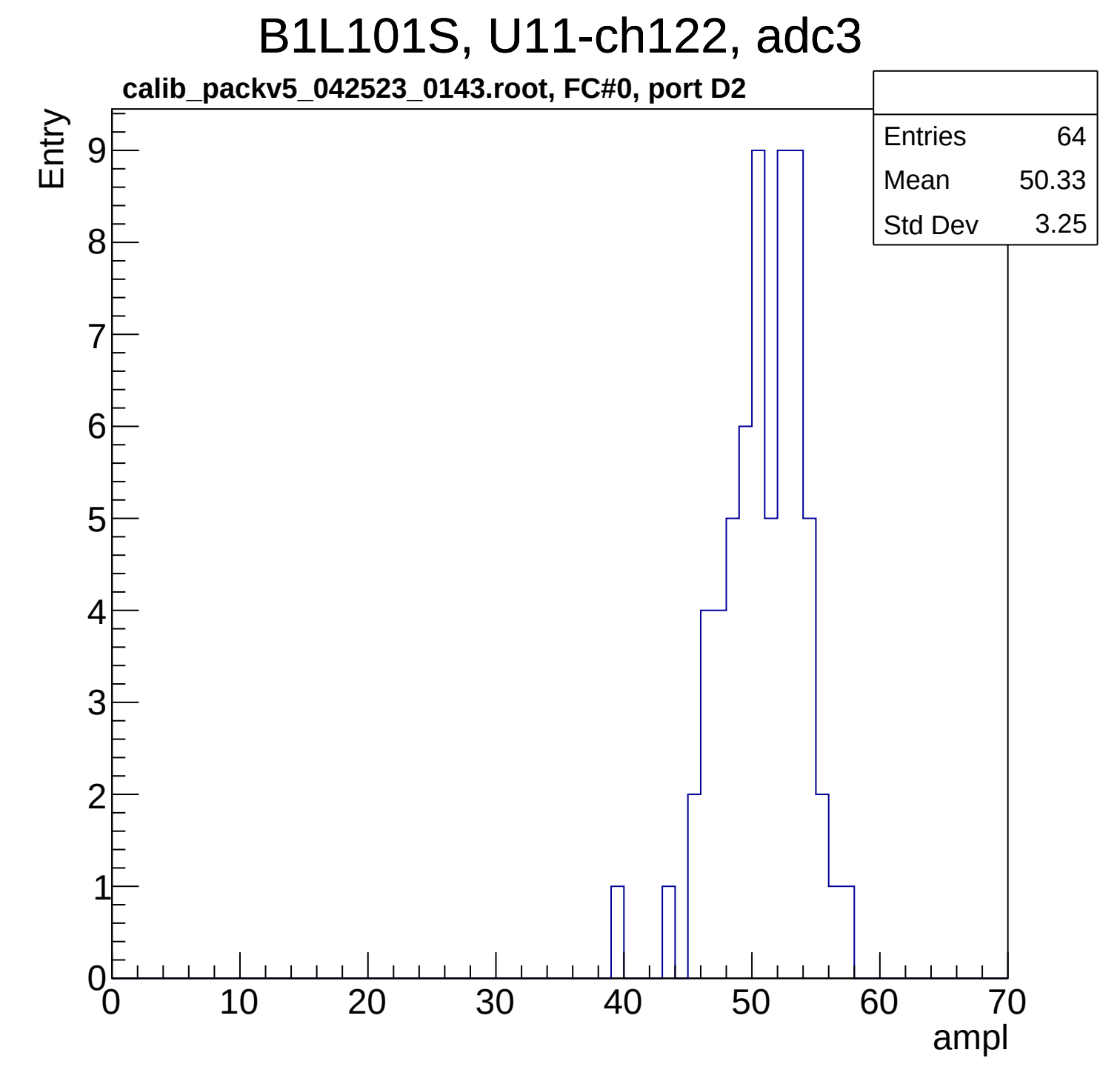
B1L101S, U11-ch122, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 64
Mean 50.33
Std Dev 3.25
Entry
ampl
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3
4
5
6
7
8
9
0
10
20
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40
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60
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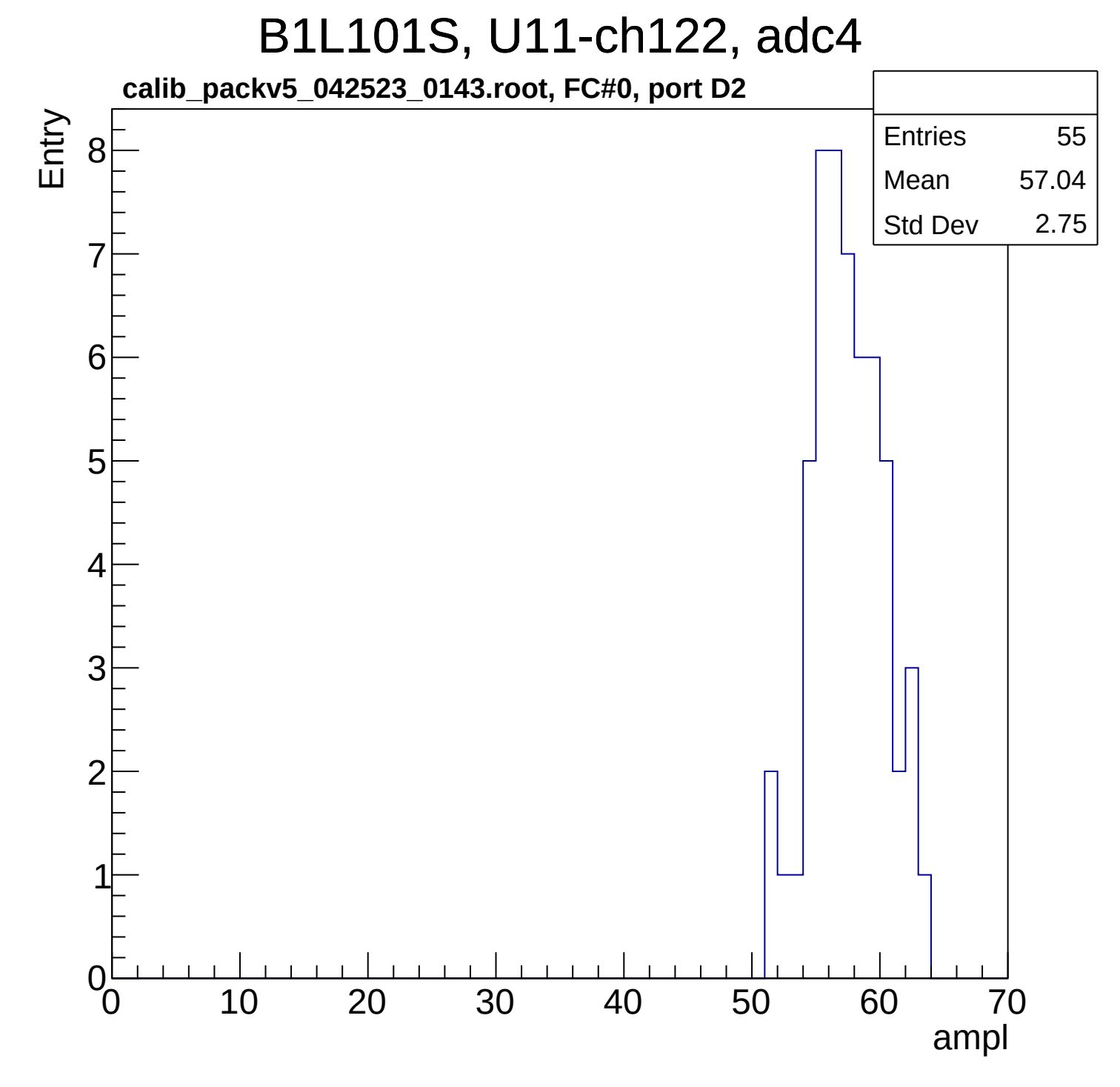
B1L101S, U11-ch122, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 55
Mean 57.04
Std Dev 2.75
Entry
ampl
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4
5
6
7
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0
10
20
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40
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60
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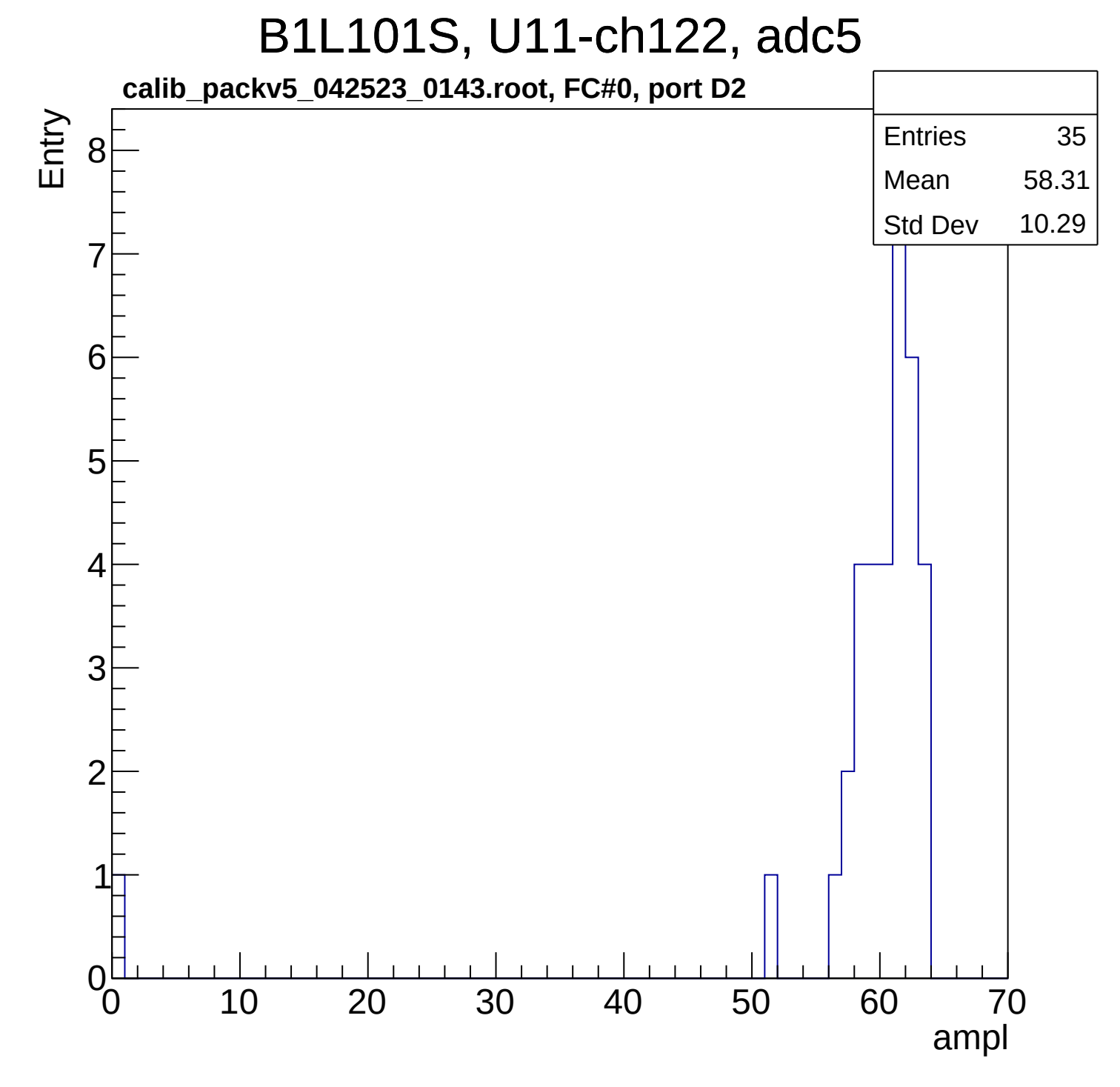
B1L101S, U11-ch122, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 35
Mean 58.31
Std Dev 10.29
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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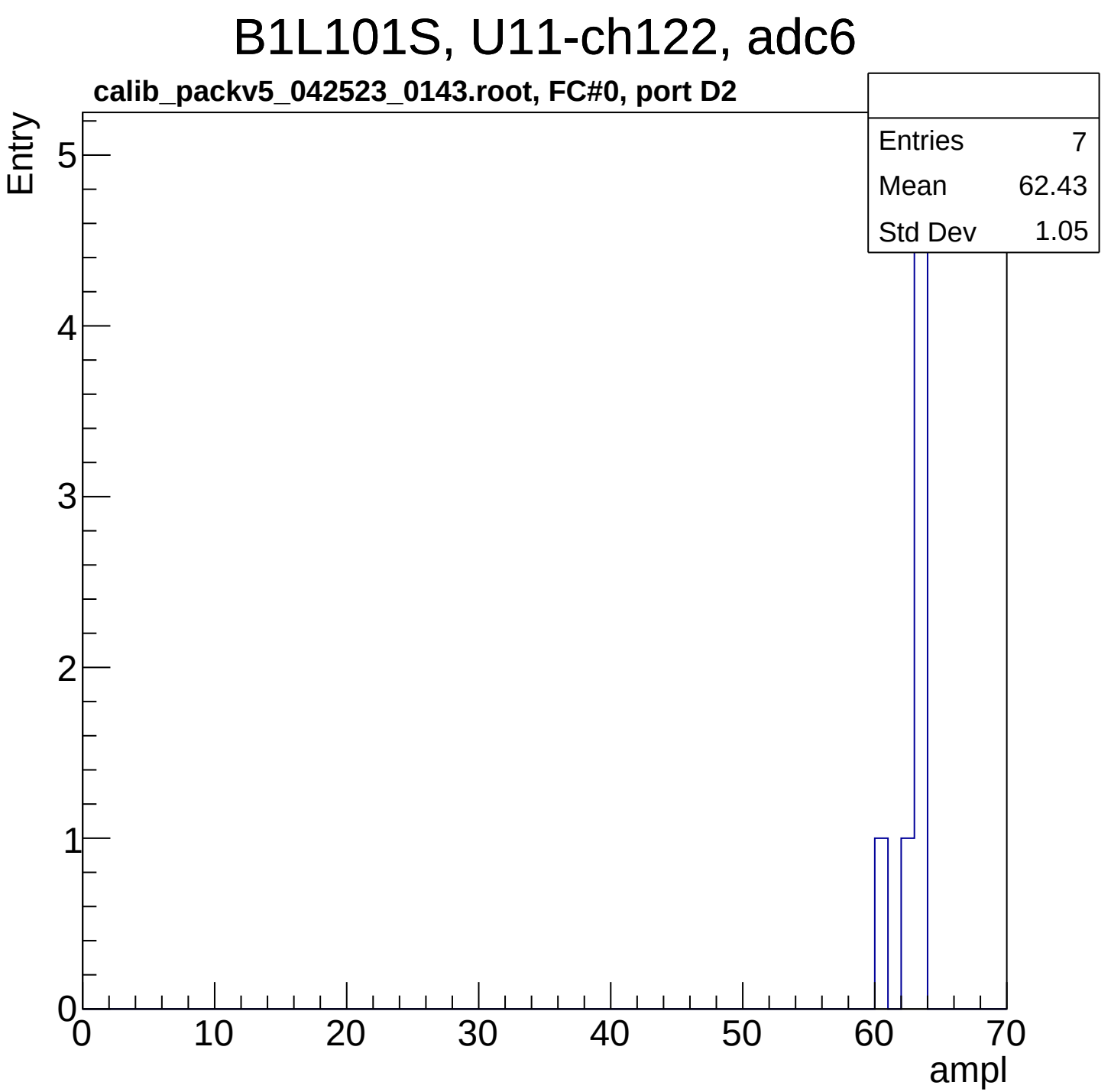
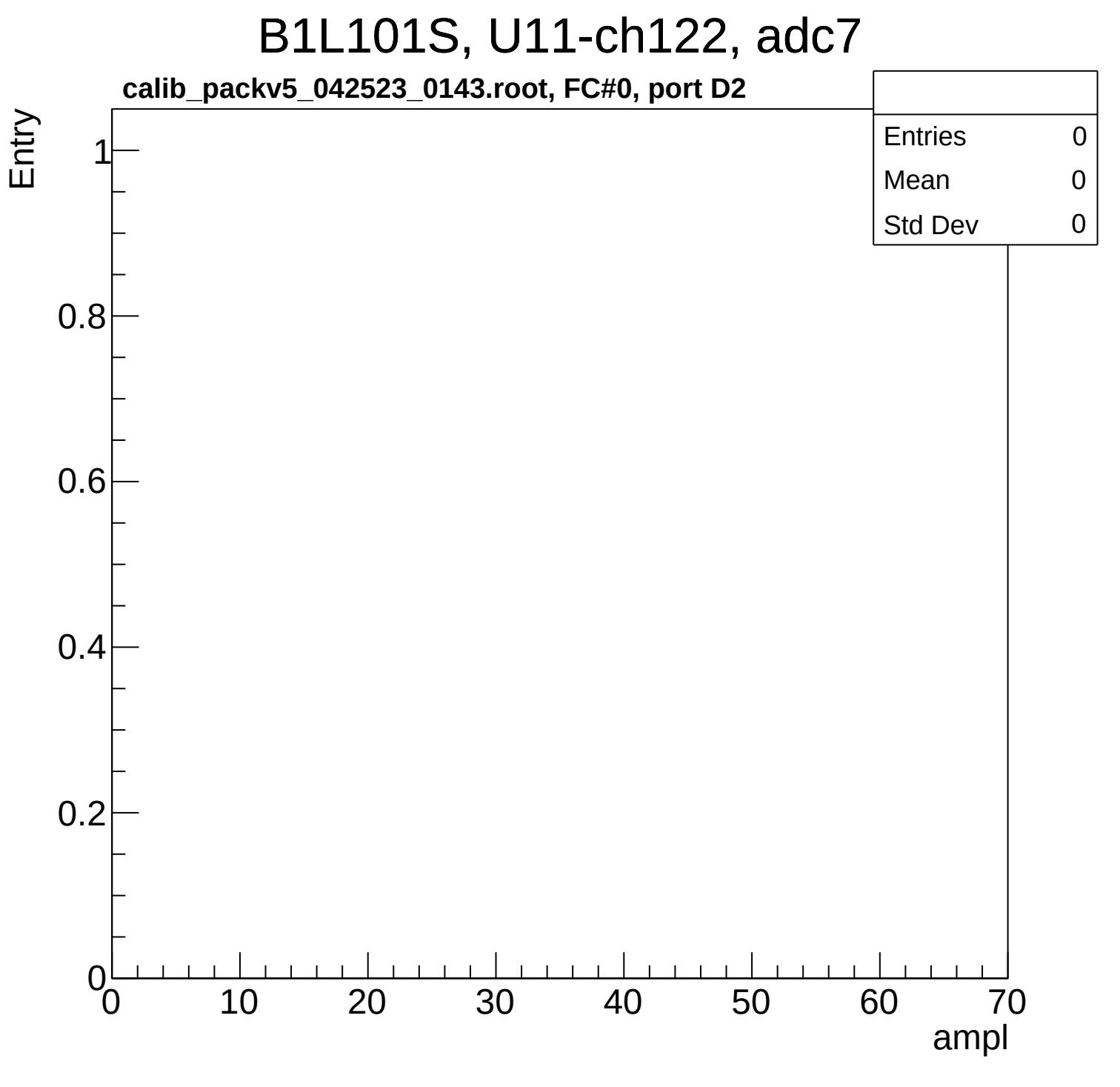

B1L101S, U11-ch122, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 7
Mean 62.43
Std Dev 1.05
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch122, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 0
Mean 0
Std Dev 0
Entry
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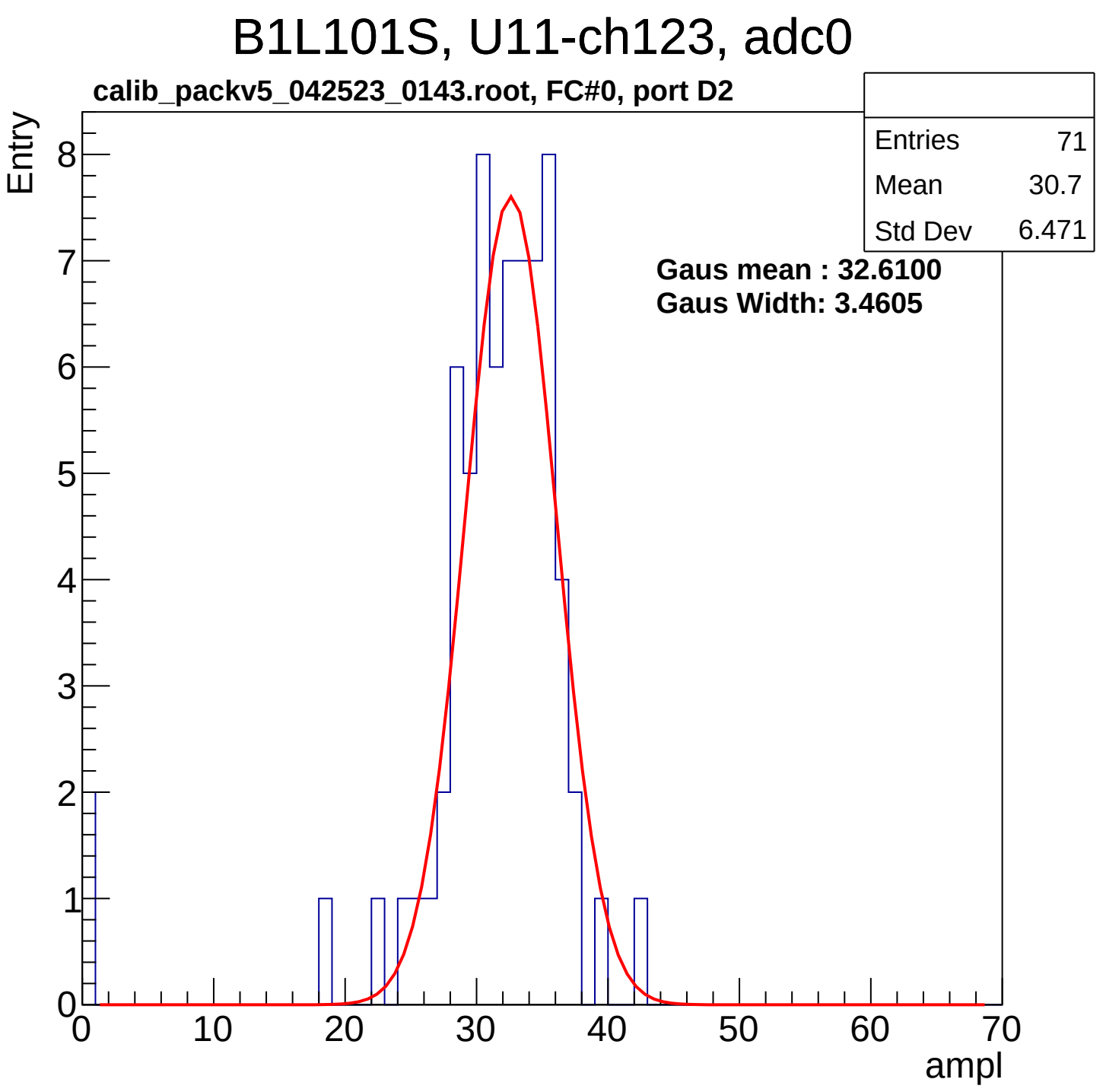
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch123, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 71
Mean 30.7
Std Dev 6.471
Gaus mean : 32.6100
Gaus Width: 3.4605
Entry
ampl
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2
3
4
5
6
7
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0
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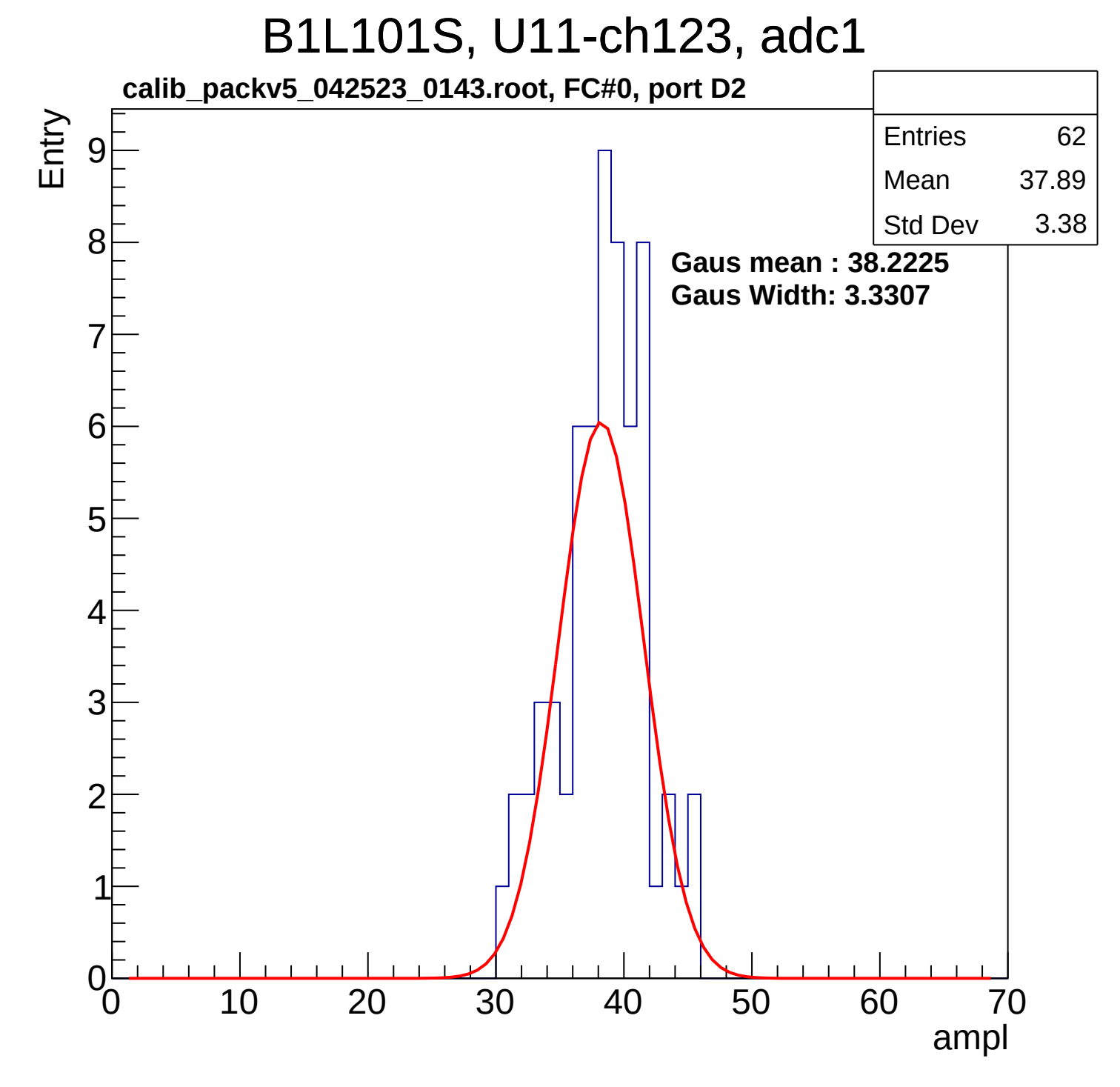
B1L101S, U11-ch123, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 62
Mean 37.89
Std Dev 3.38
Gaus mean : 38.2225
Gaus Width: 3.3307
Entry
ampl
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2
3
4
5
6
7
8
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0
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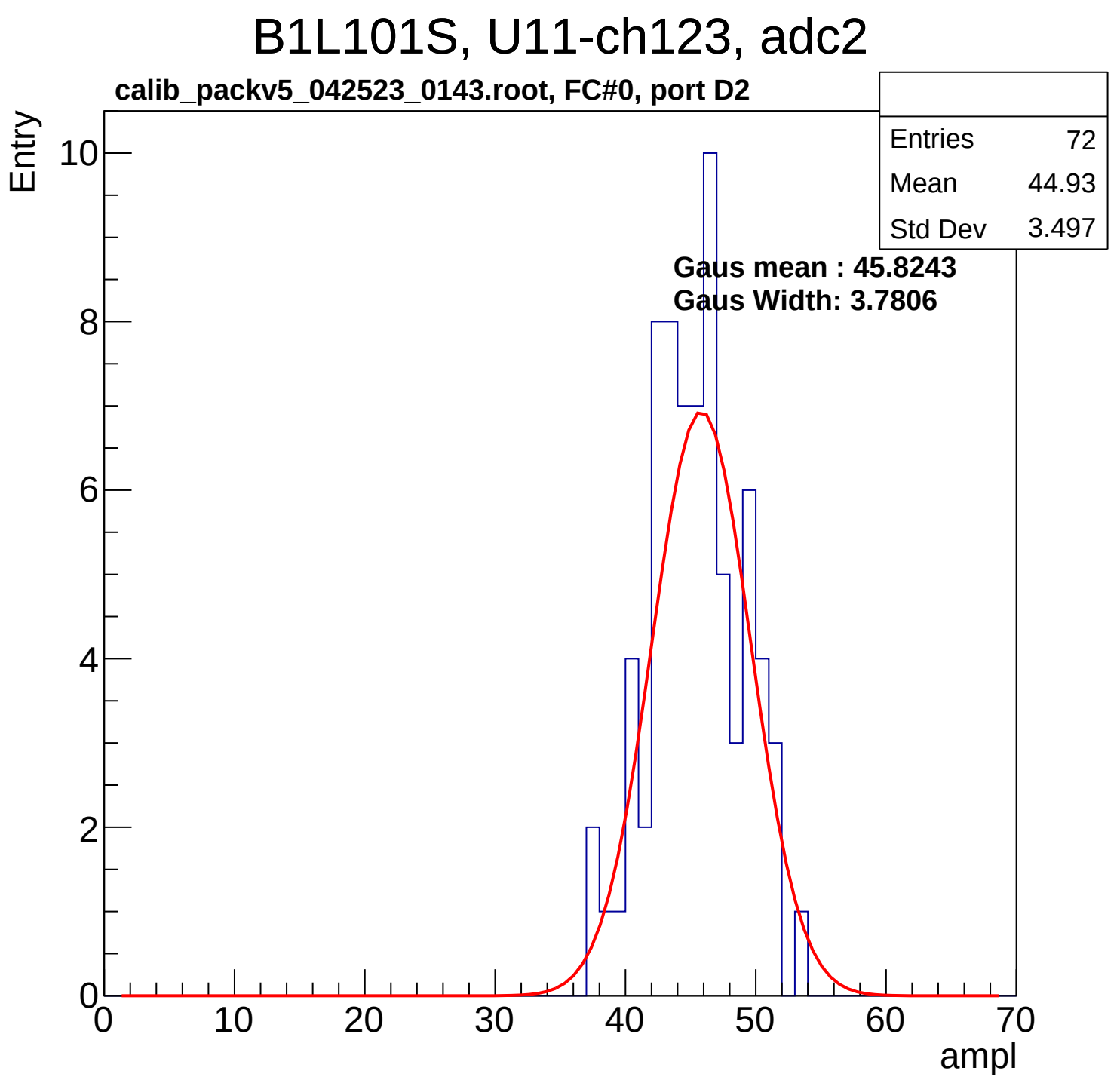
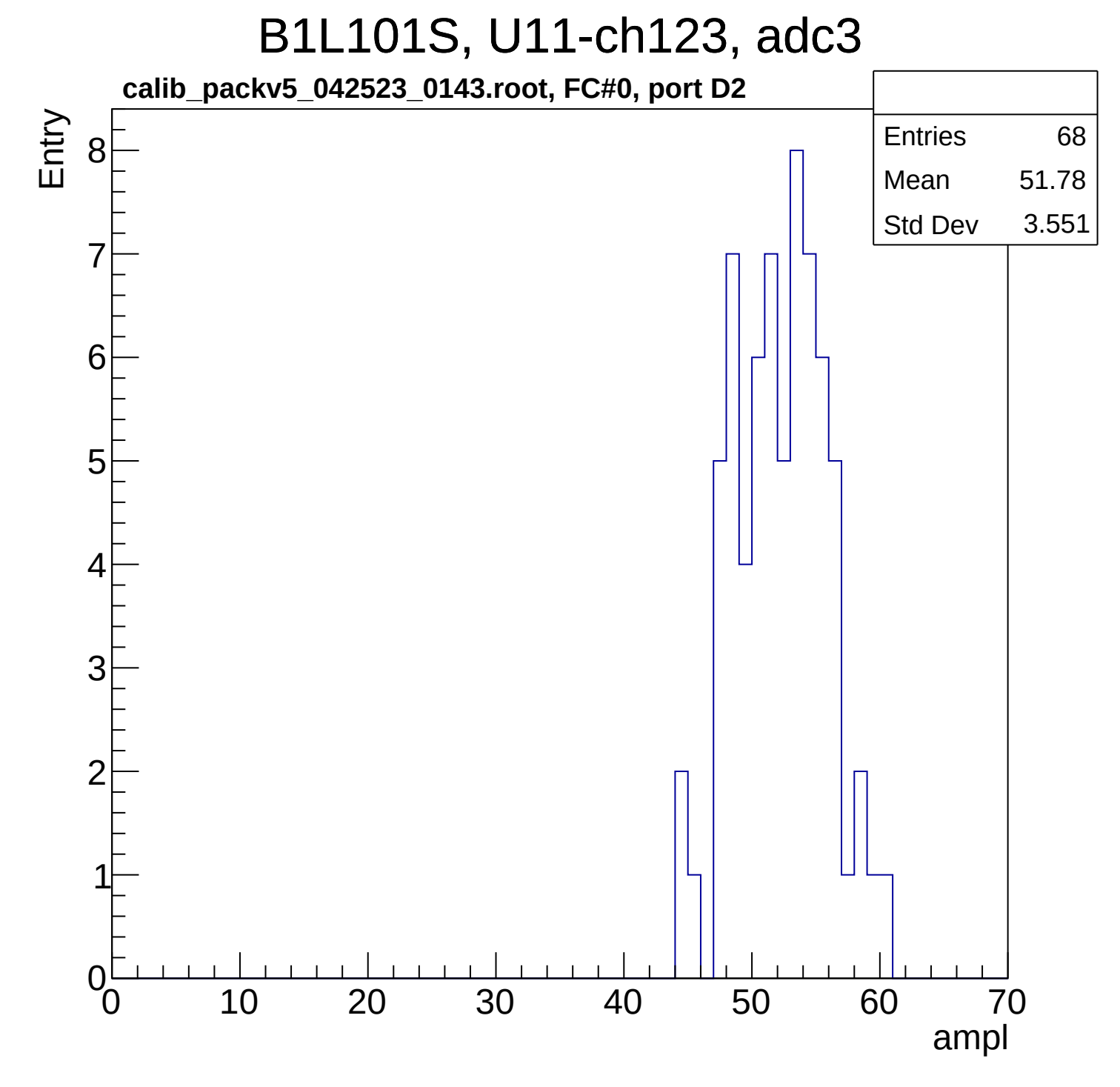

B1L101S, U11-ch123, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 44.93
Std Dev 3.497
Gaus mean : 45.8243
Gaus Width: 3.7806
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch123, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 51.78
Std Dev 3.551
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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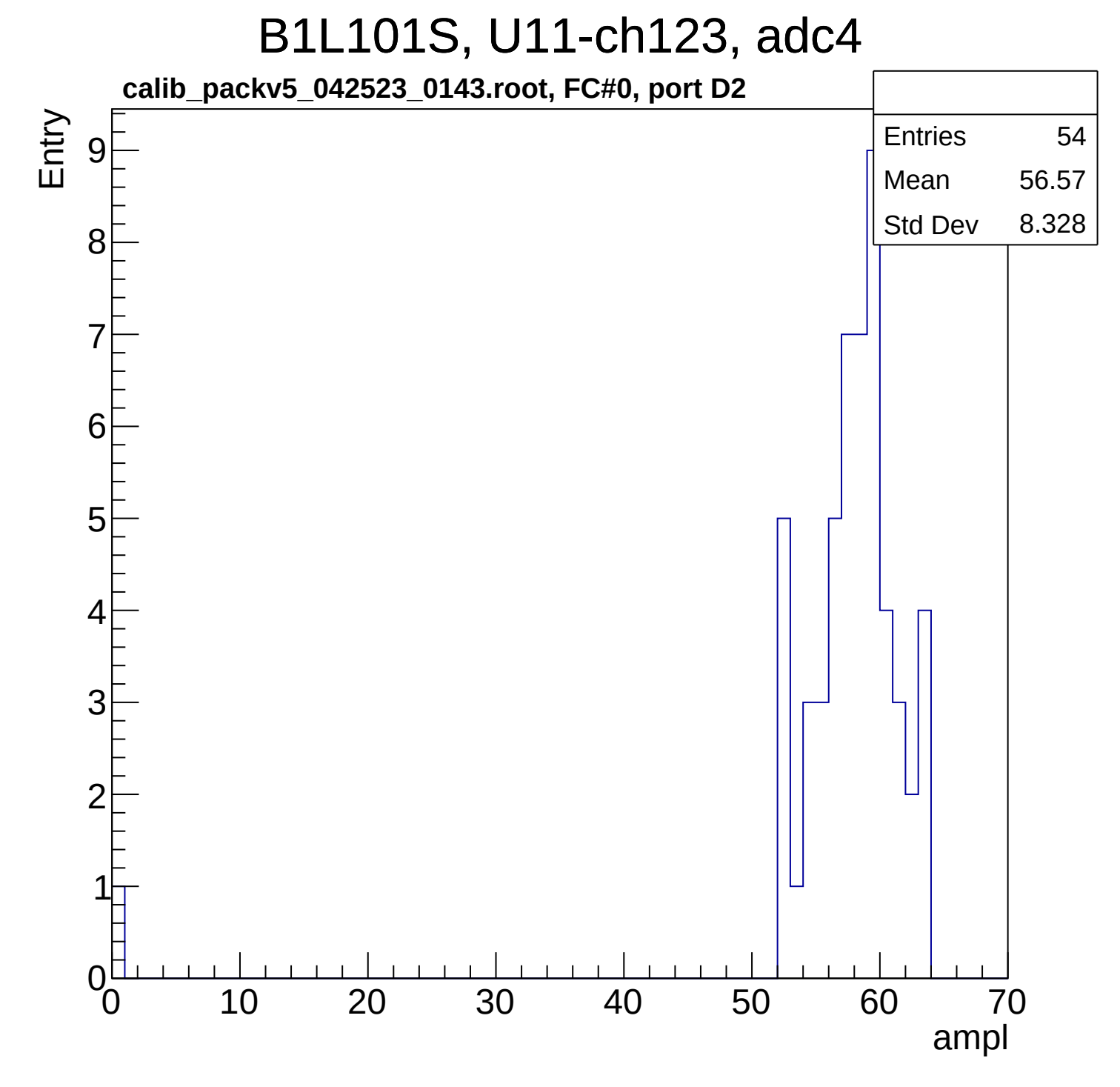
B1L101S, U11-ch123, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 54
Mean 56.57
Std Dev 8.328
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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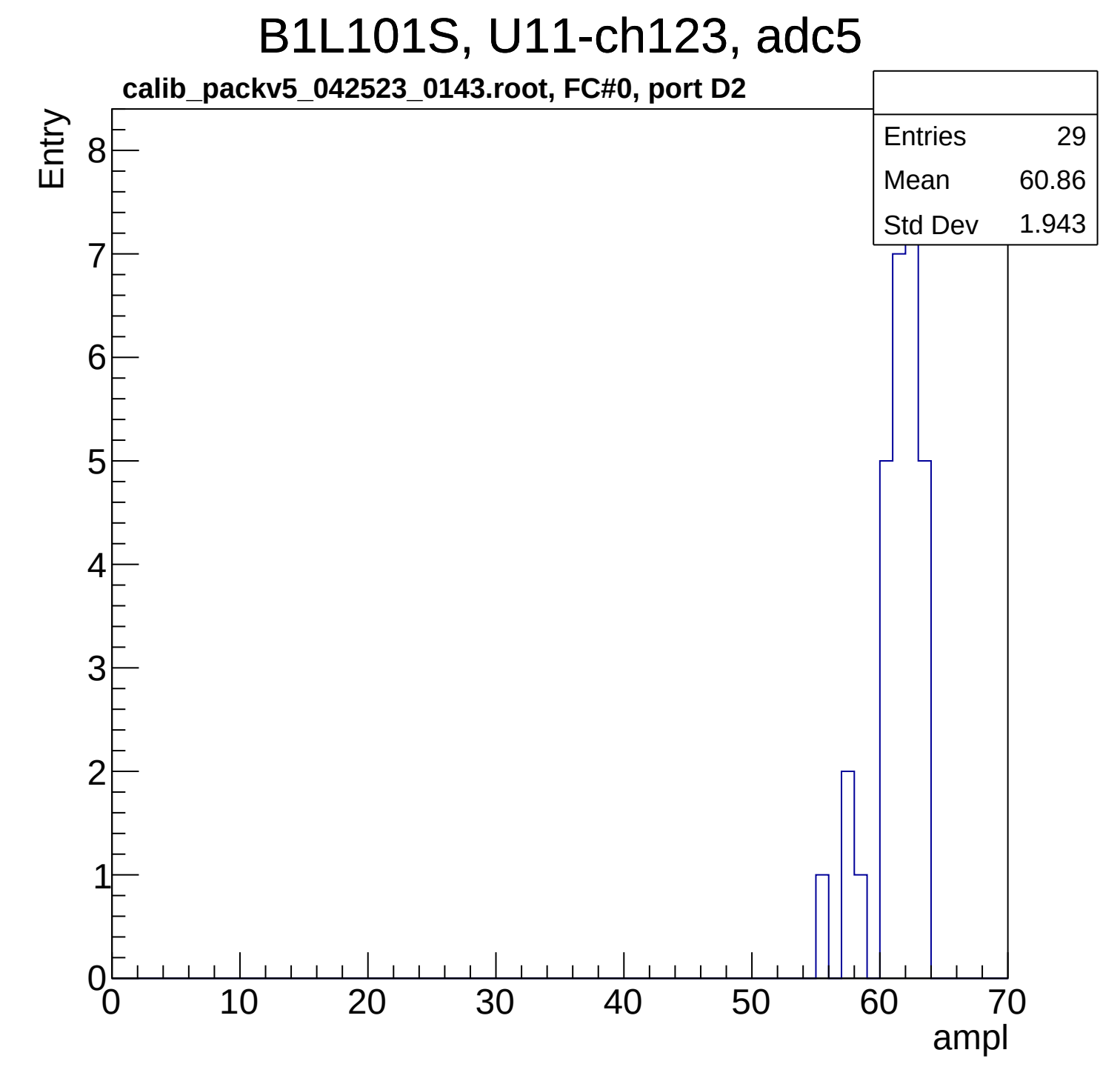
B1L101S, U11-ch123, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 29
Mean 60.86
Std Dev 1.943
Entry
ampl
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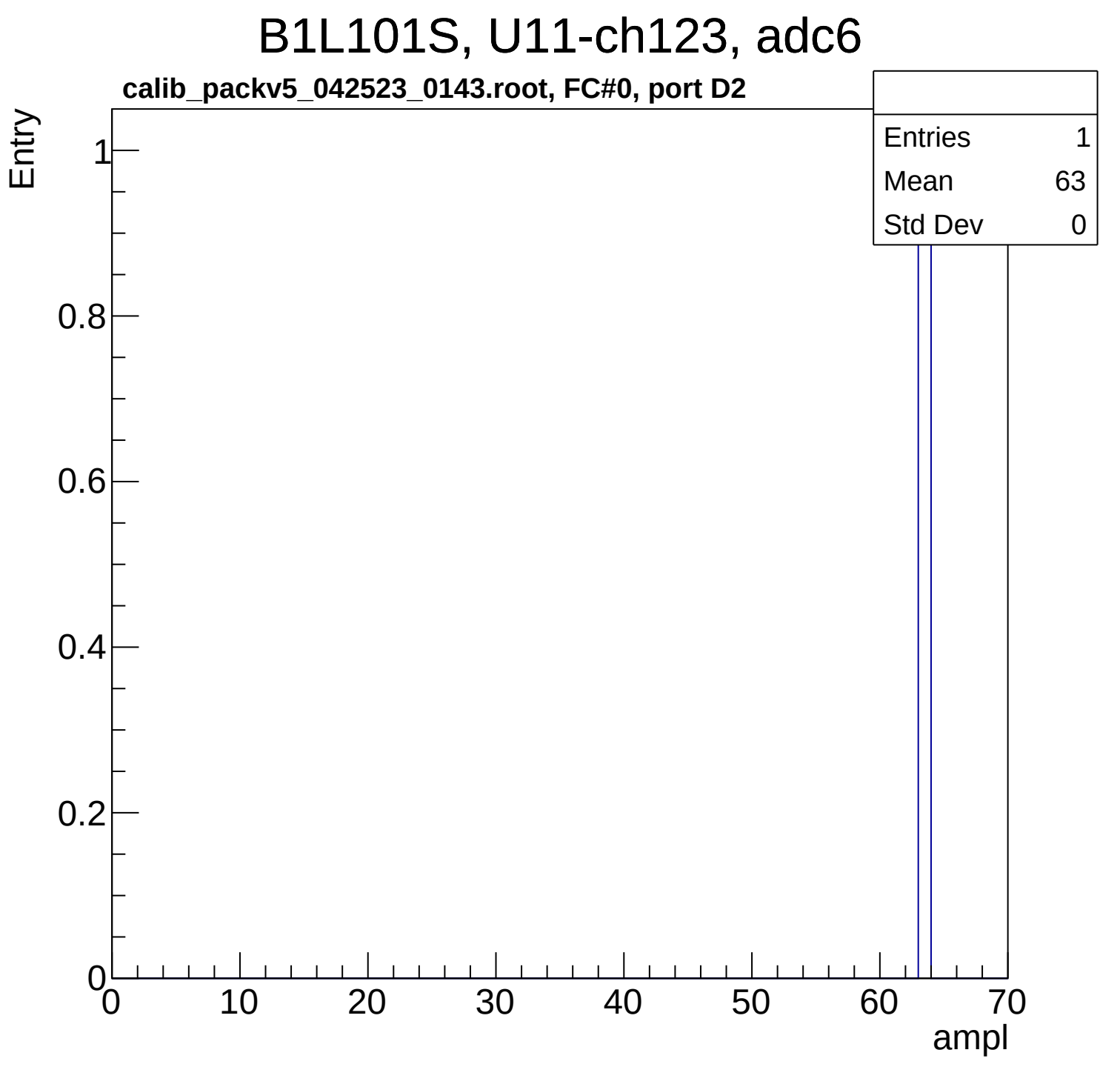
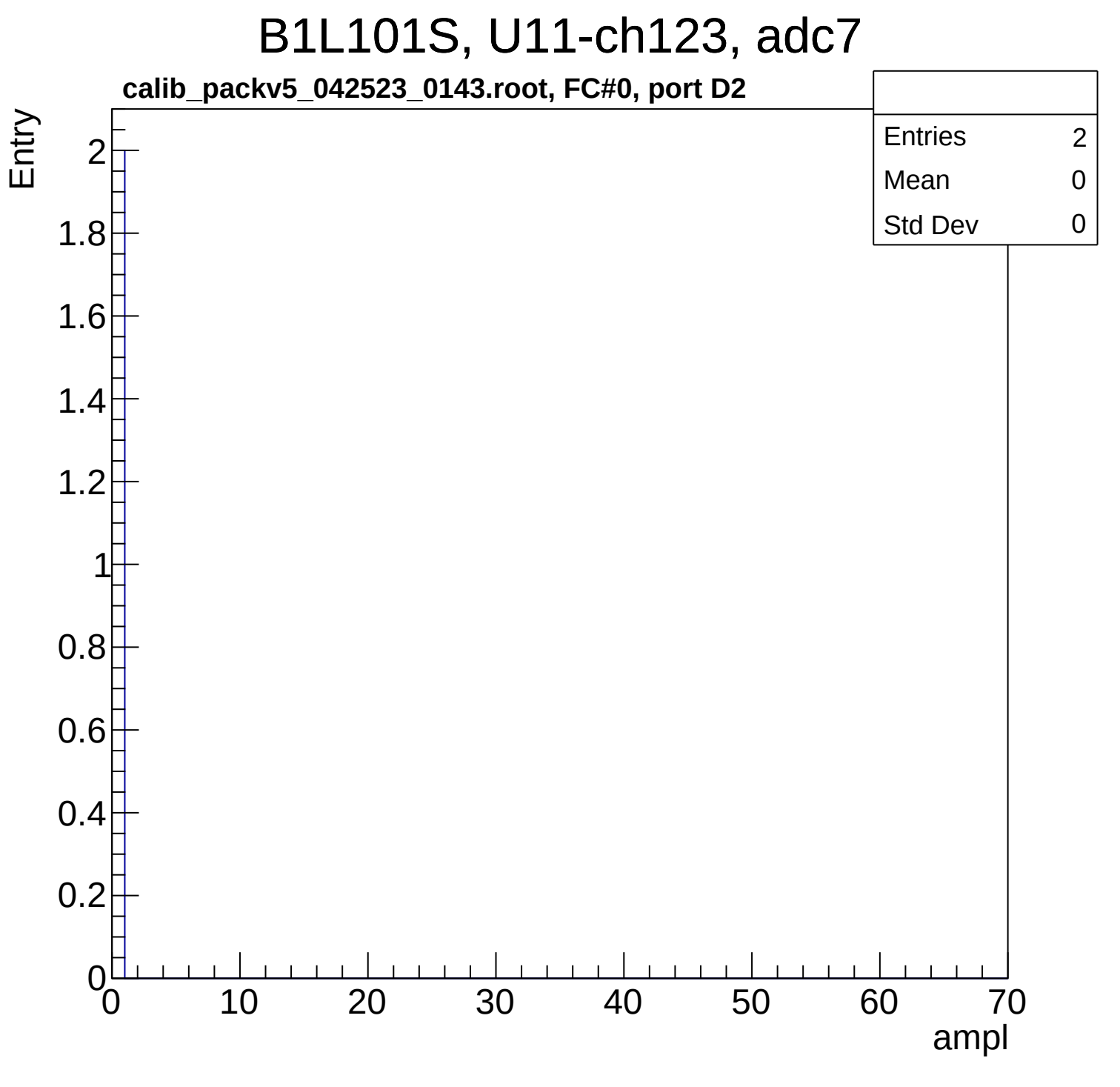
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch123, adc6
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch123, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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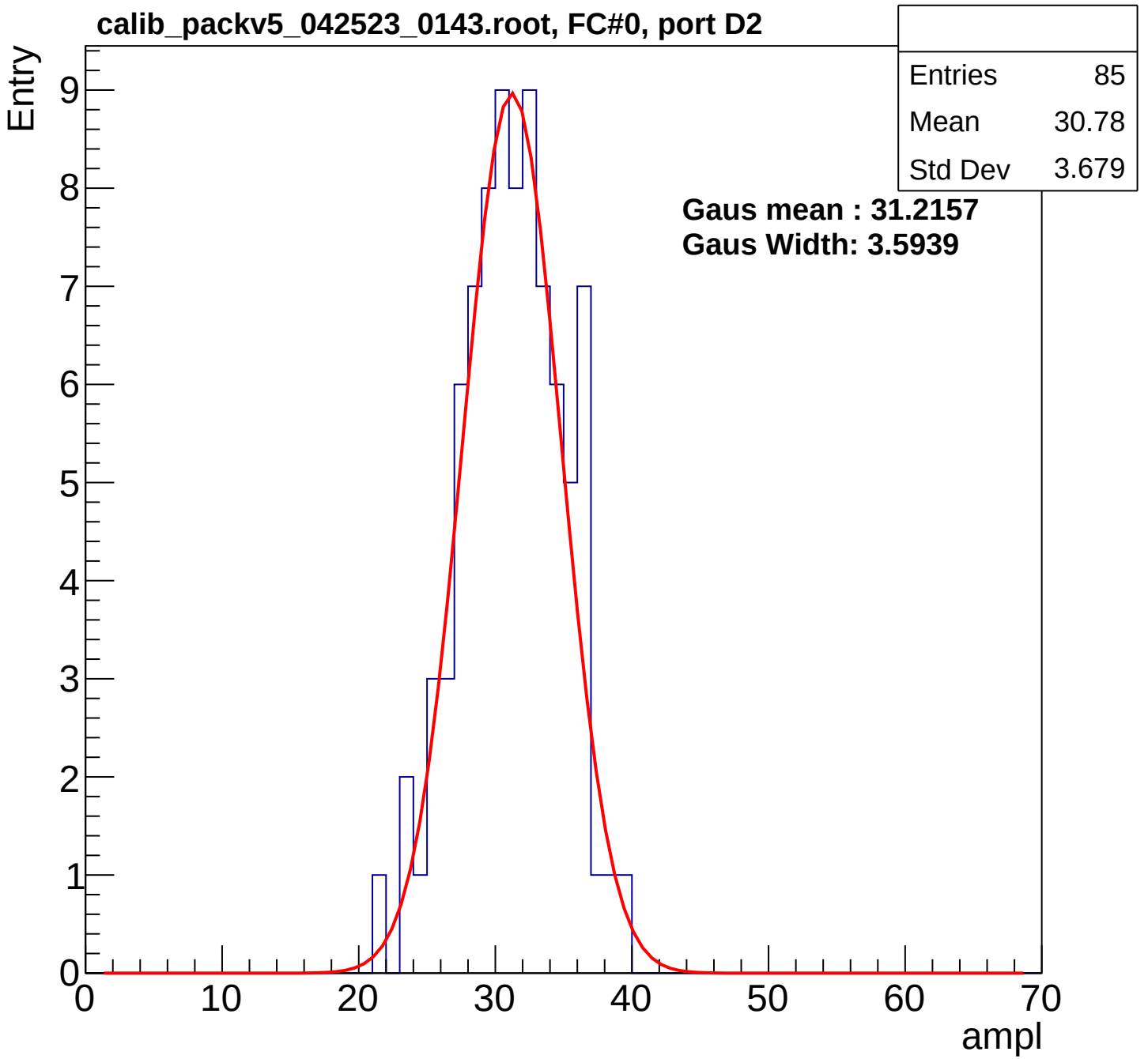
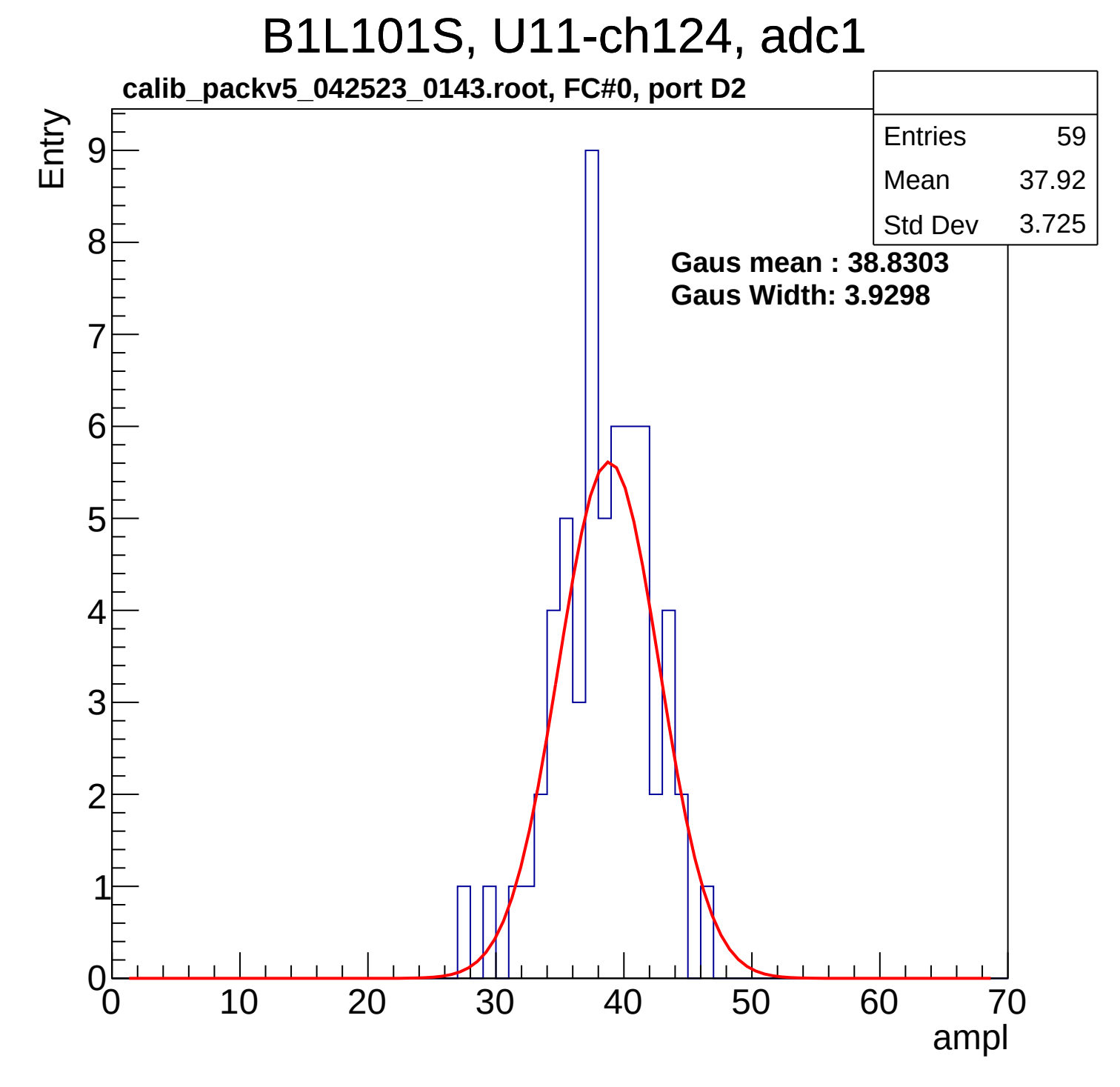
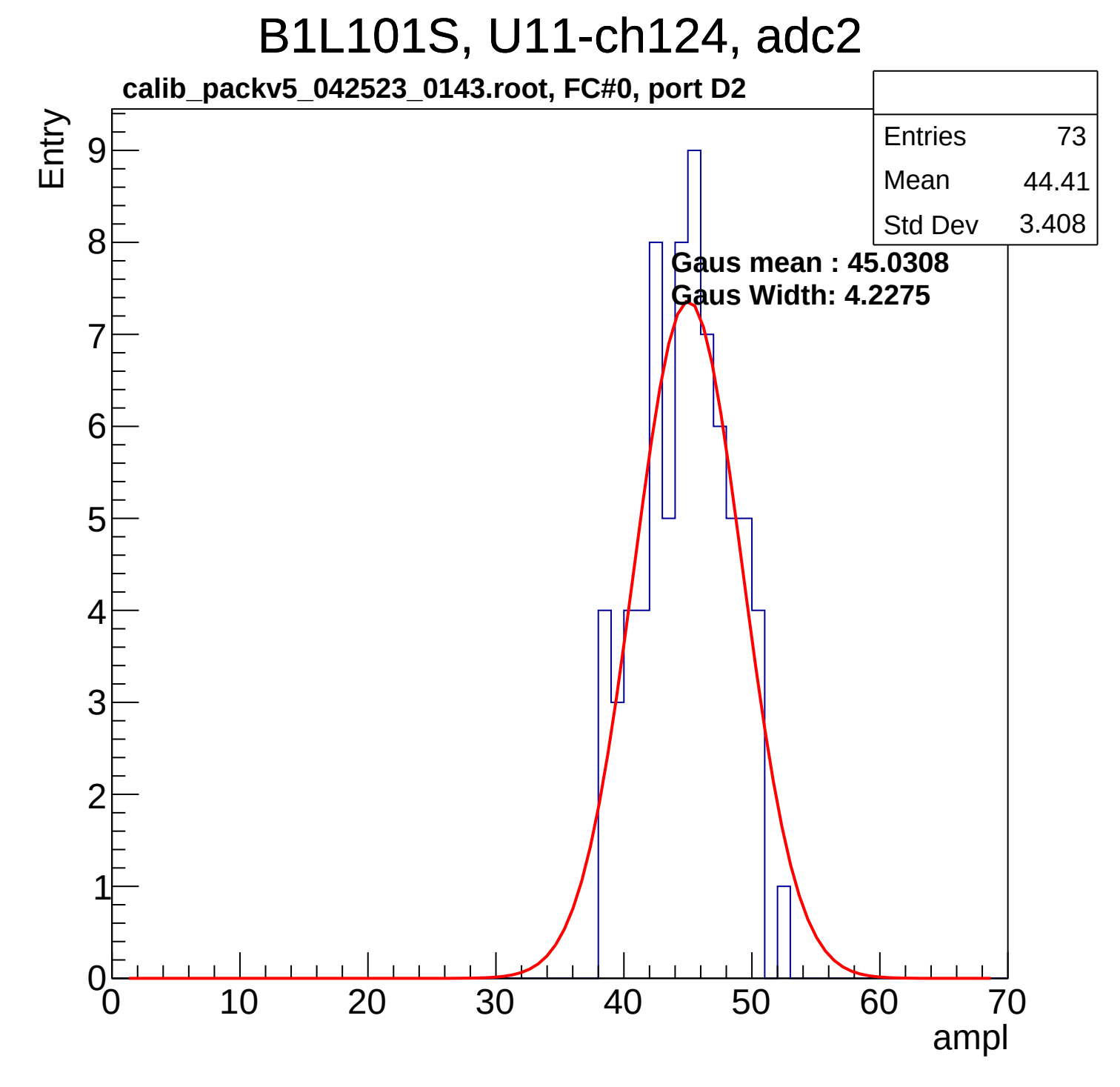
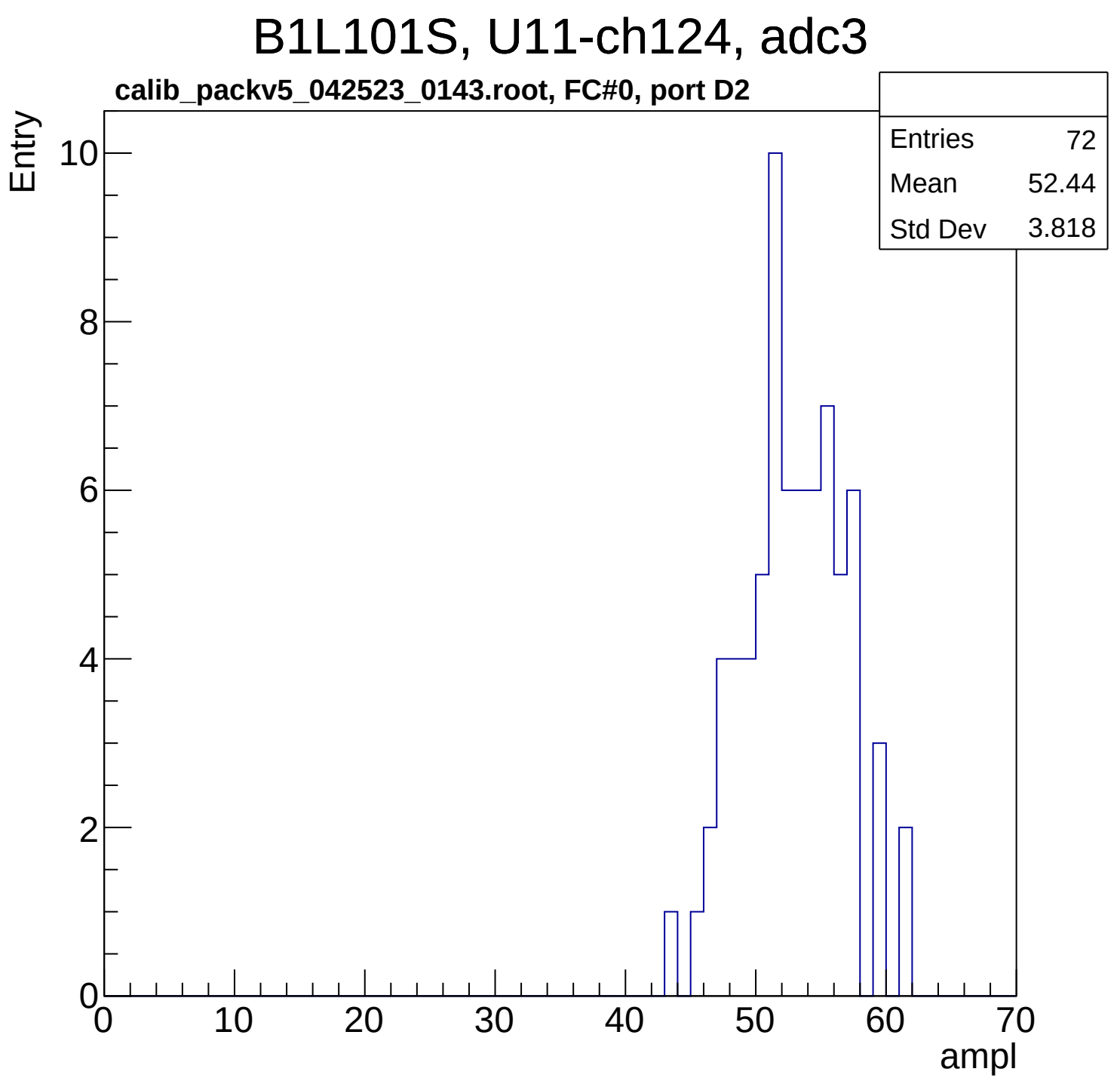
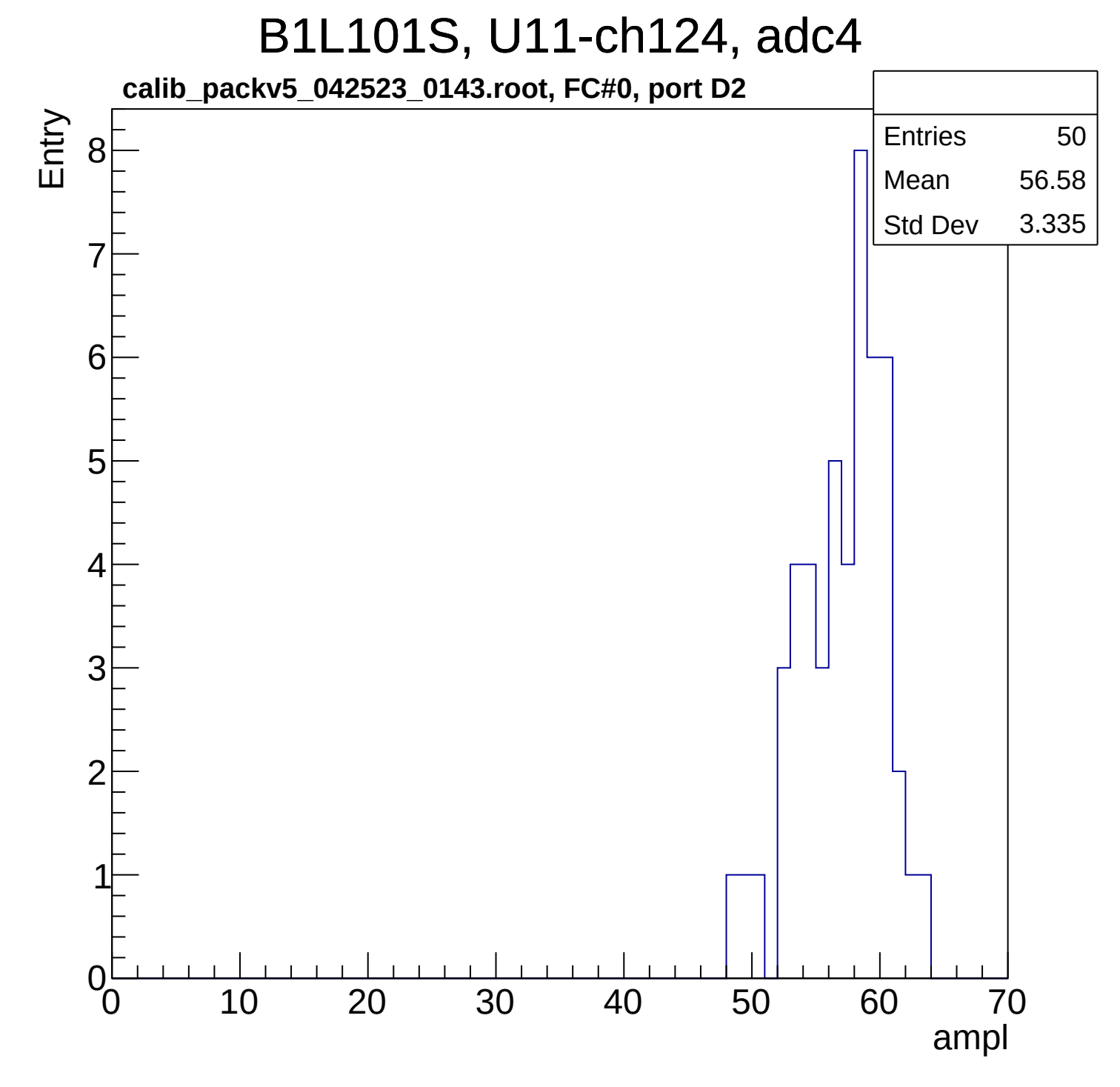

B1L101S, U11-ch124, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 85
Mean 30.78
Std Dev 3.679
Gaus mean : 31.2157
Gaus Width: 3.5939
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch124, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 37.92
Std Dev 3.725
Gaus mean : 38.8303
Gaus Width: 3.9298
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch124, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 73
Mean 44.41
Std Dev 3.408
Gaus mean : 45.0308
Gaus Width: 4.2275
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch124, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 72
Mean 52.44
Std Dev 3.818
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L101S, U11-ch124, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 50
Mean 56.58
Std Dev 3.335
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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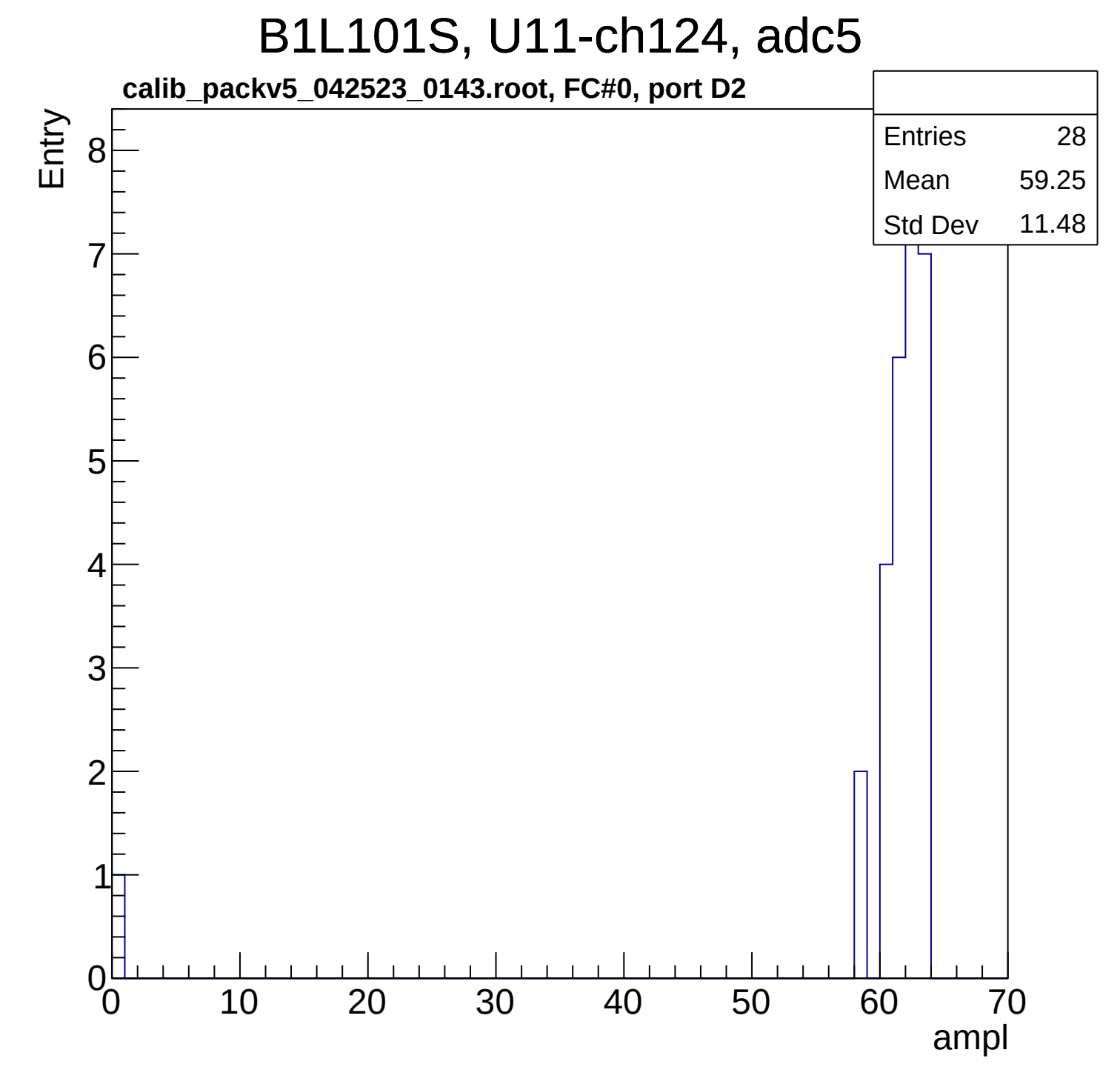
B1L101S, U11-ch124, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 28
Mean 59.25
Std Dev 11.48
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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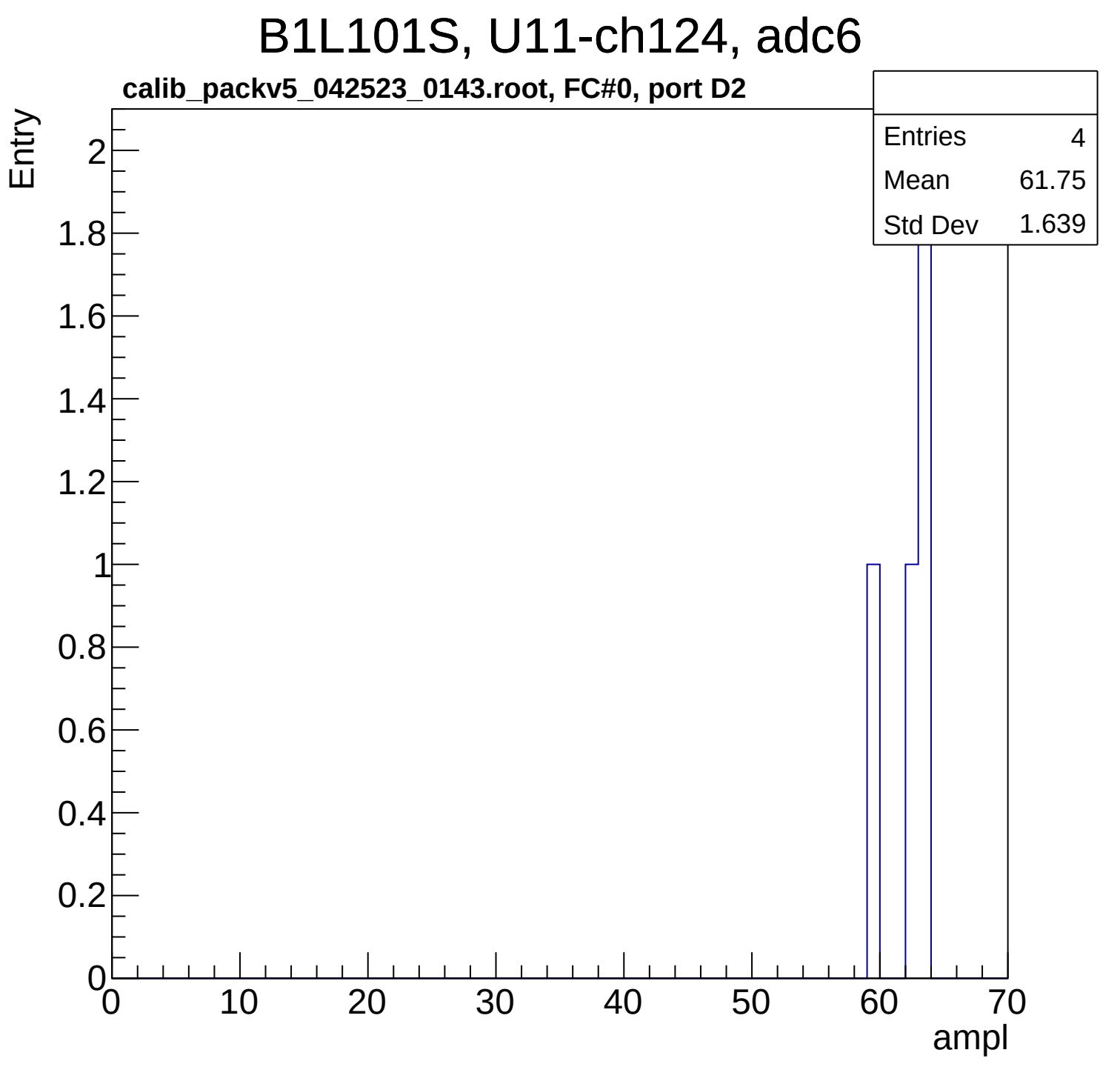
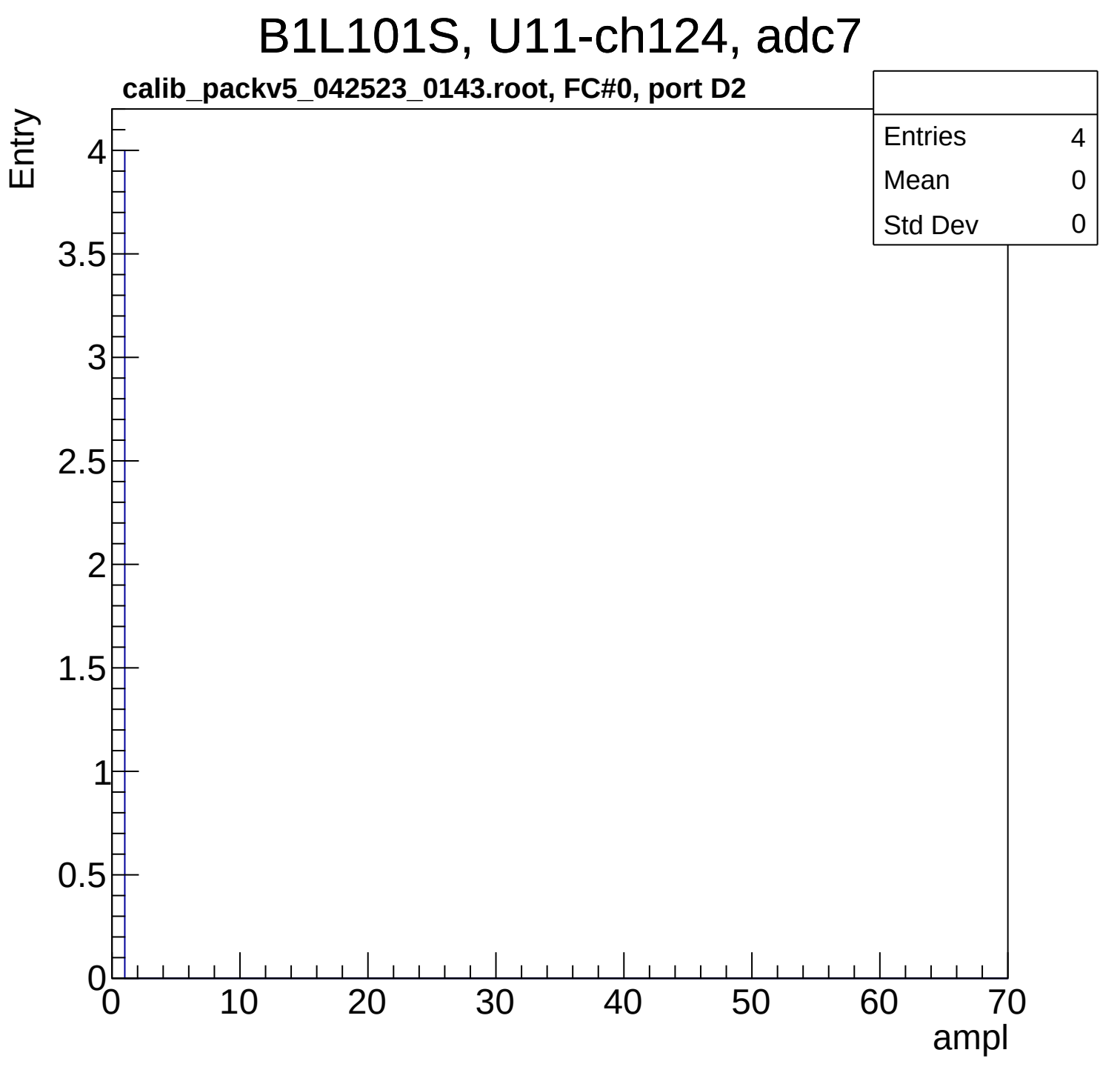
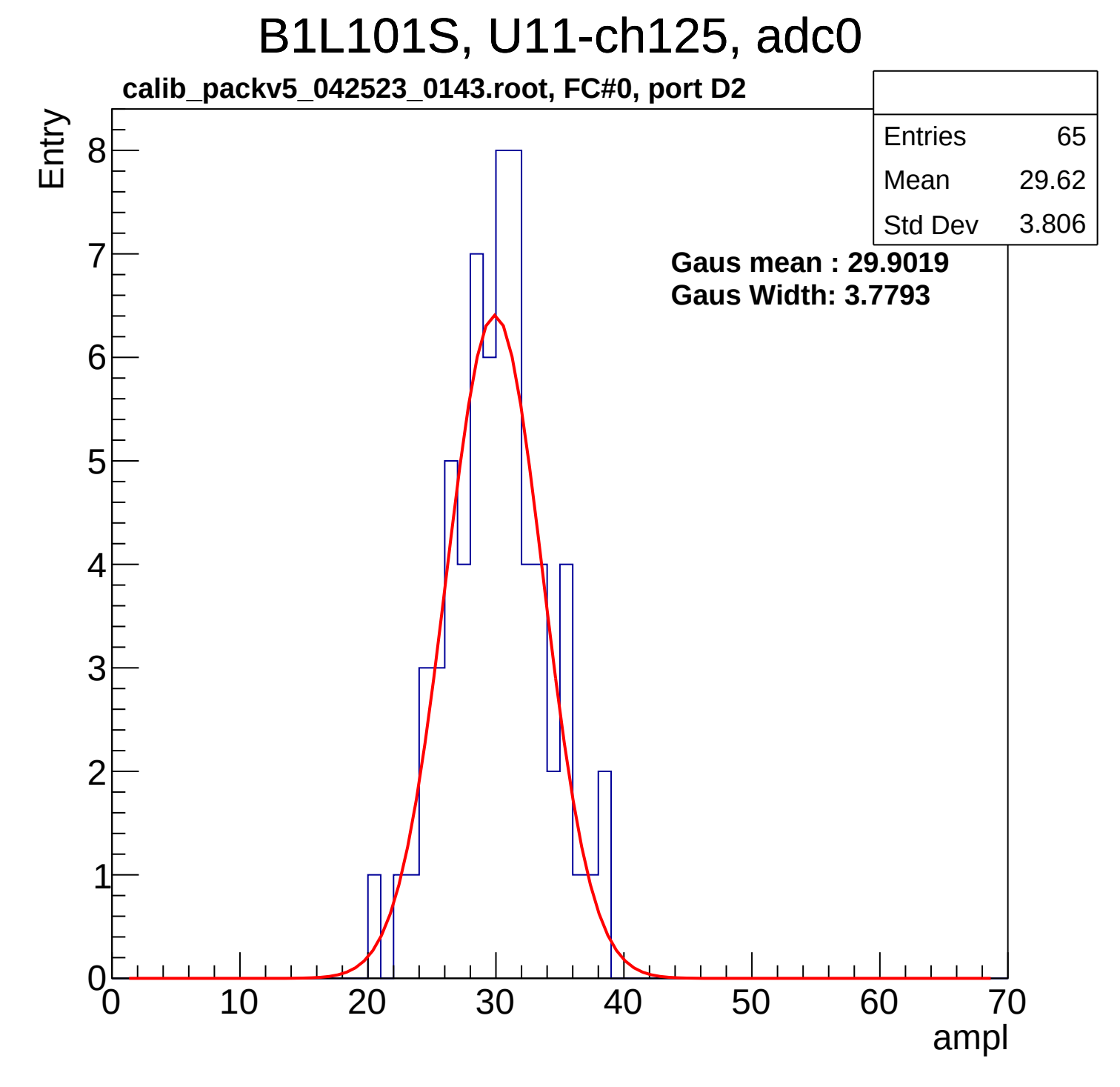
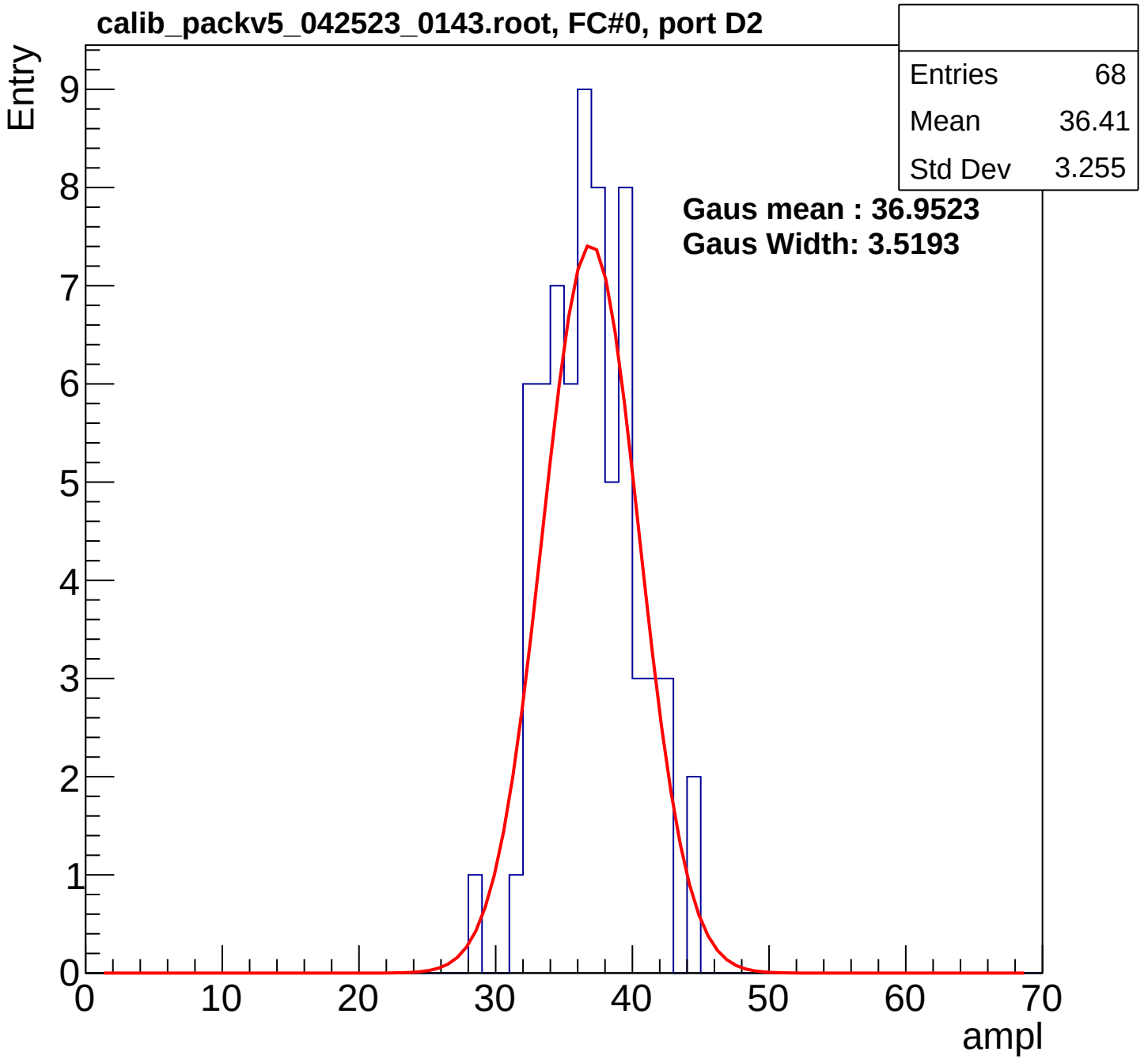
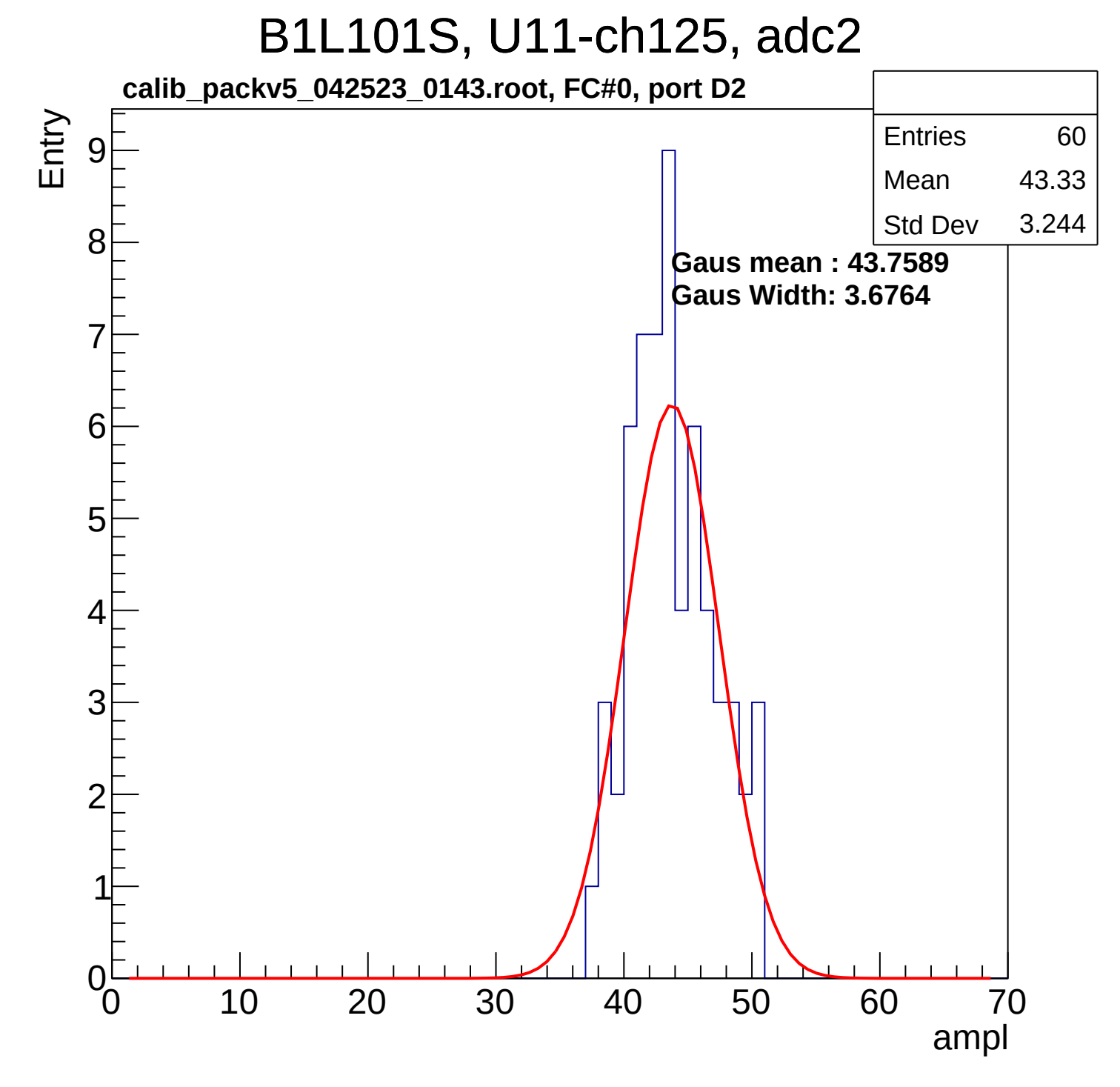
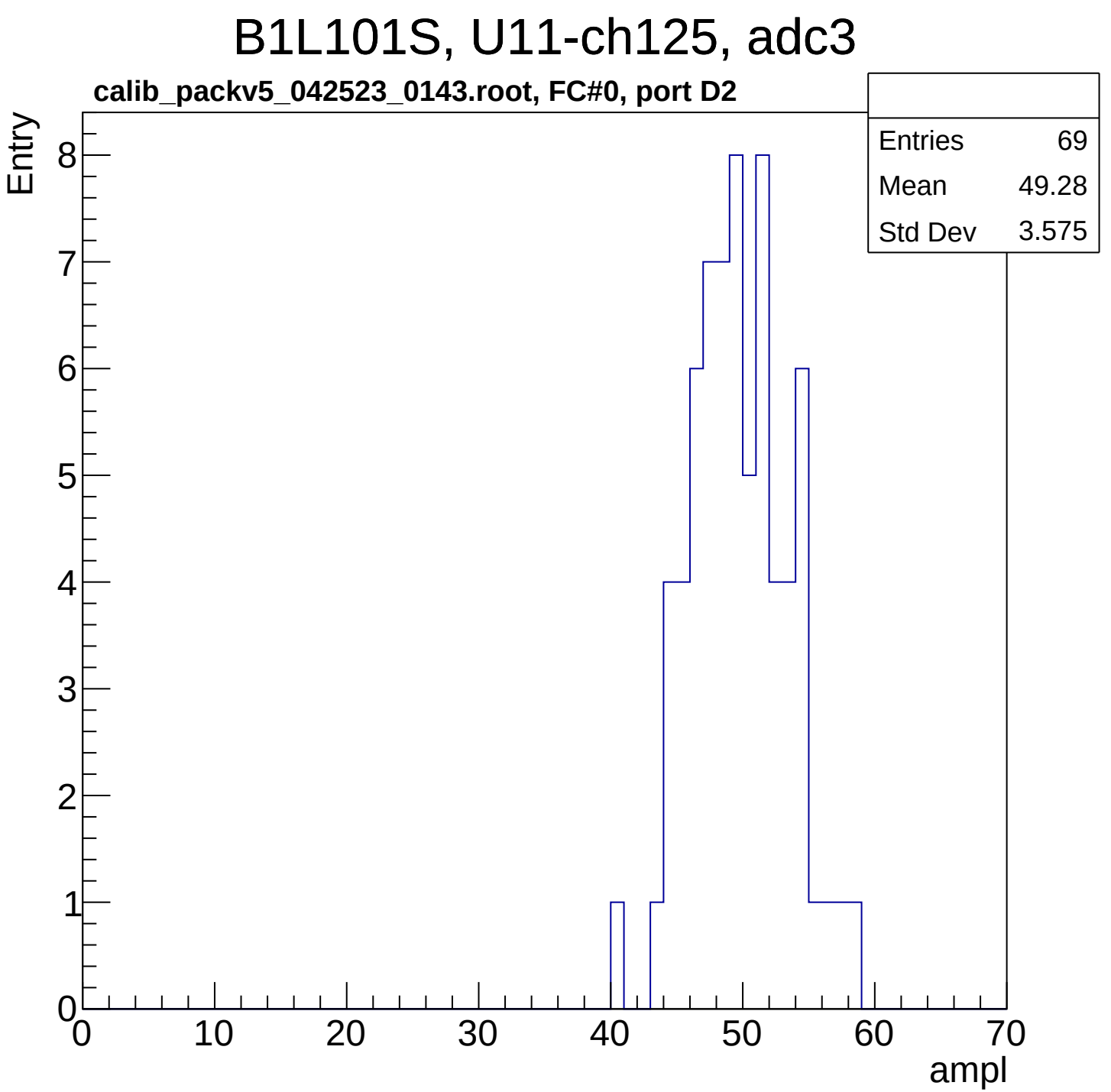

B1L101S, U11-ch124, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 61.75
Std Dev 1.639
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

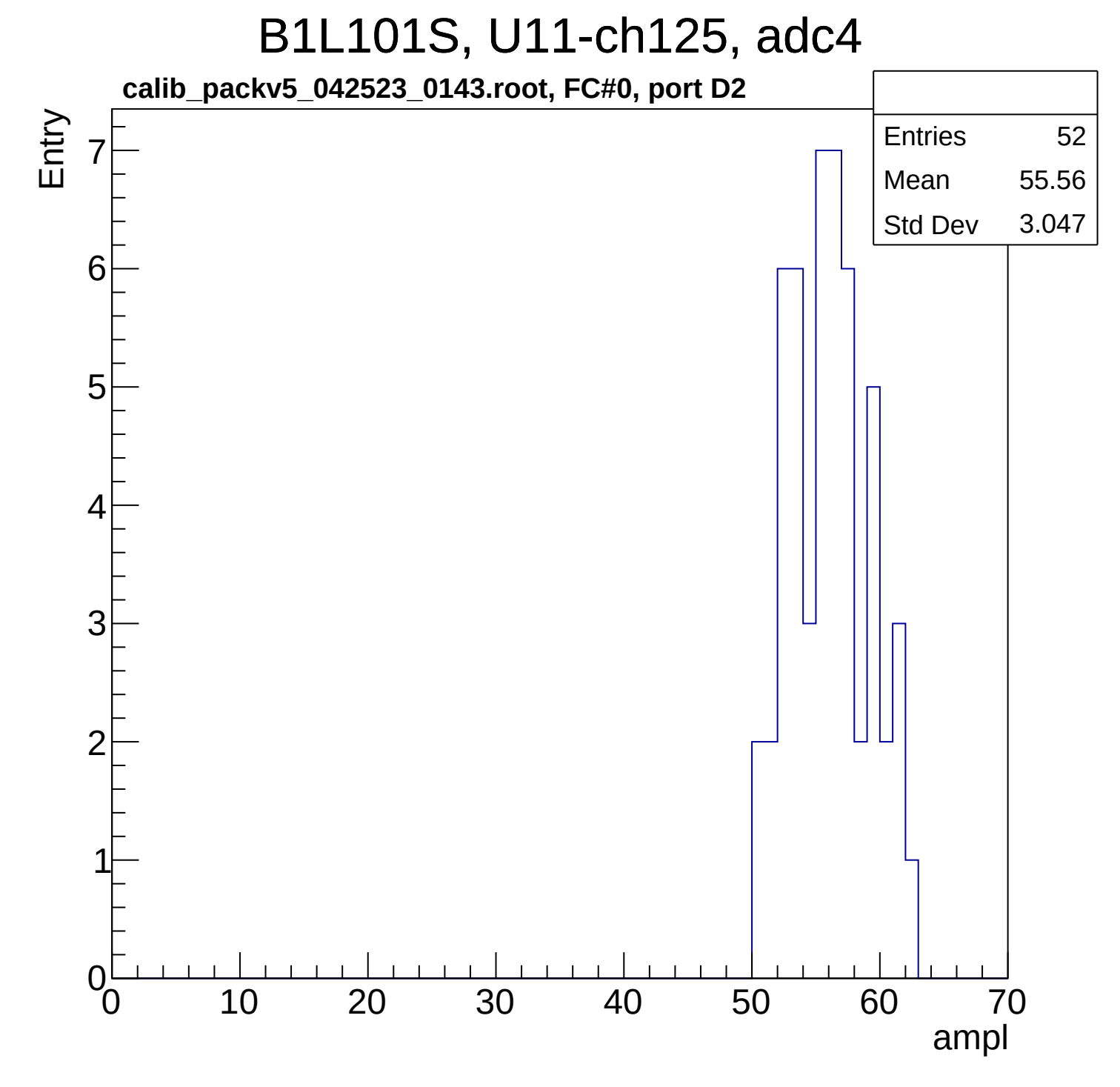

B1L101S, U11-ch124, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 4
Mean 0
Std Dev 0
Entry
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70
ampl

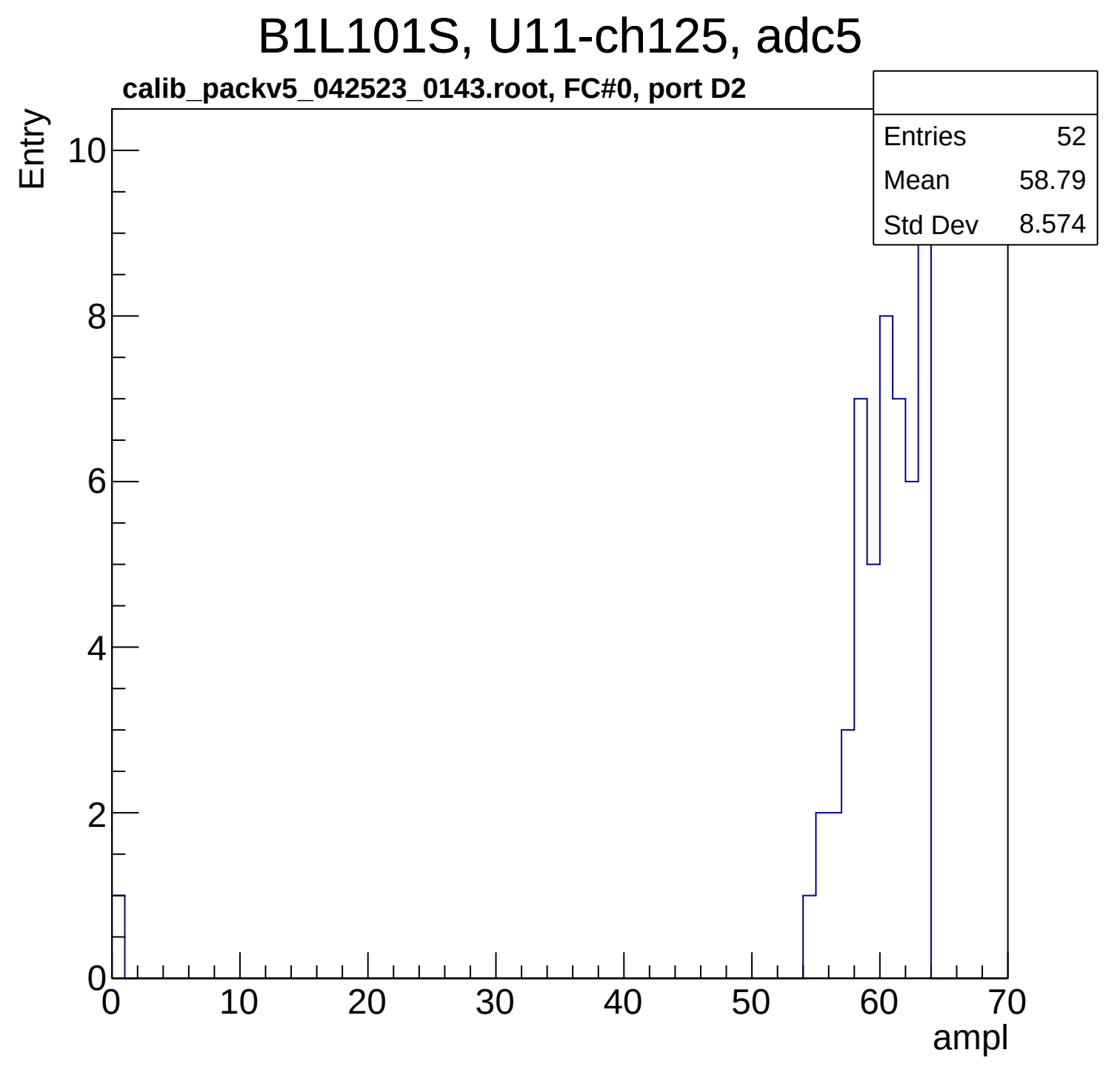

B1L101S, U11-ch125, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 65
Mean 29.62
Std Dev 3.806
Gaus mean : 29.9019
Gaus Width: 3.7793
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

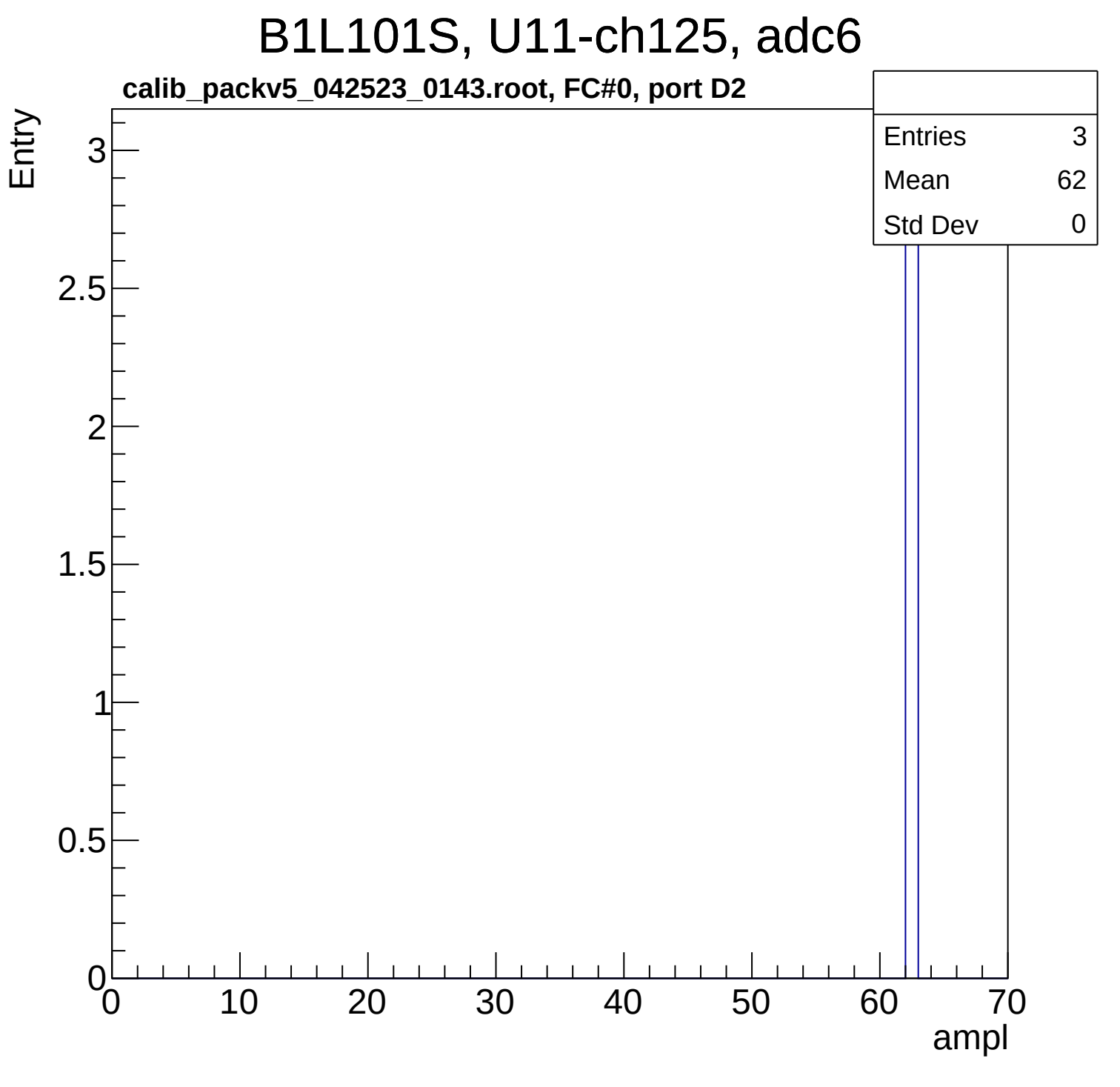

B1L101S, U11-ch125, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 36.41
Std Dev 3.255
Gaus mean : 36.9523
Gaus Width: 3.5193
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L101S, U11-ch125, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 60
Mean 43.33
Std Dev 3.244
Gaus mean : 43.7589
Gaus Width: 3.6764
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L101S, U11-ch125, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 49.28
Std Dev 3.575
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch125, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 55.56
Std Dev 3.047
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch125, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 52
Mean 58.79
Std Dev 8.574
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L101S, U11-ch125, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 62
Std Dev 0
Entry
ampl
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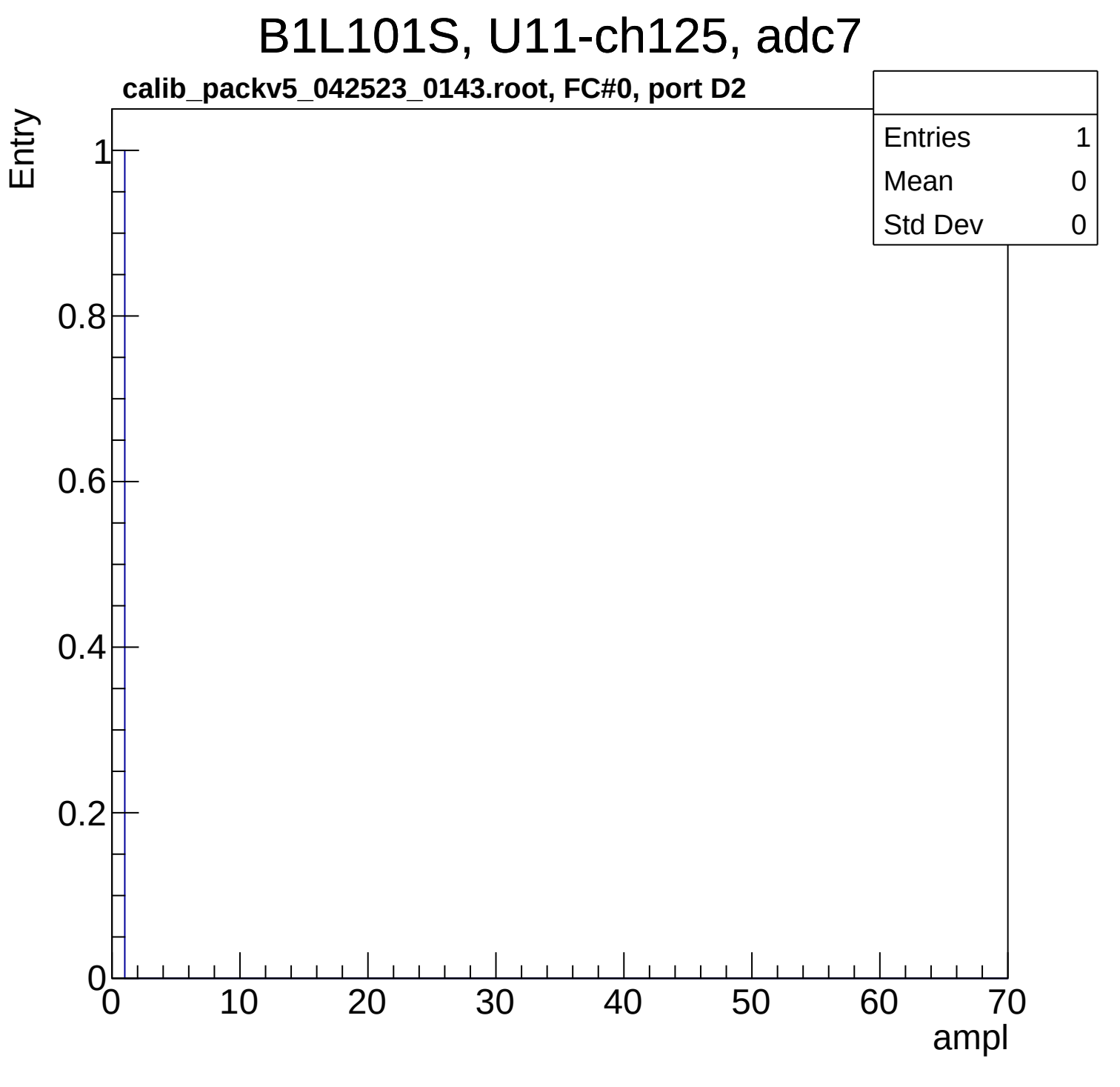
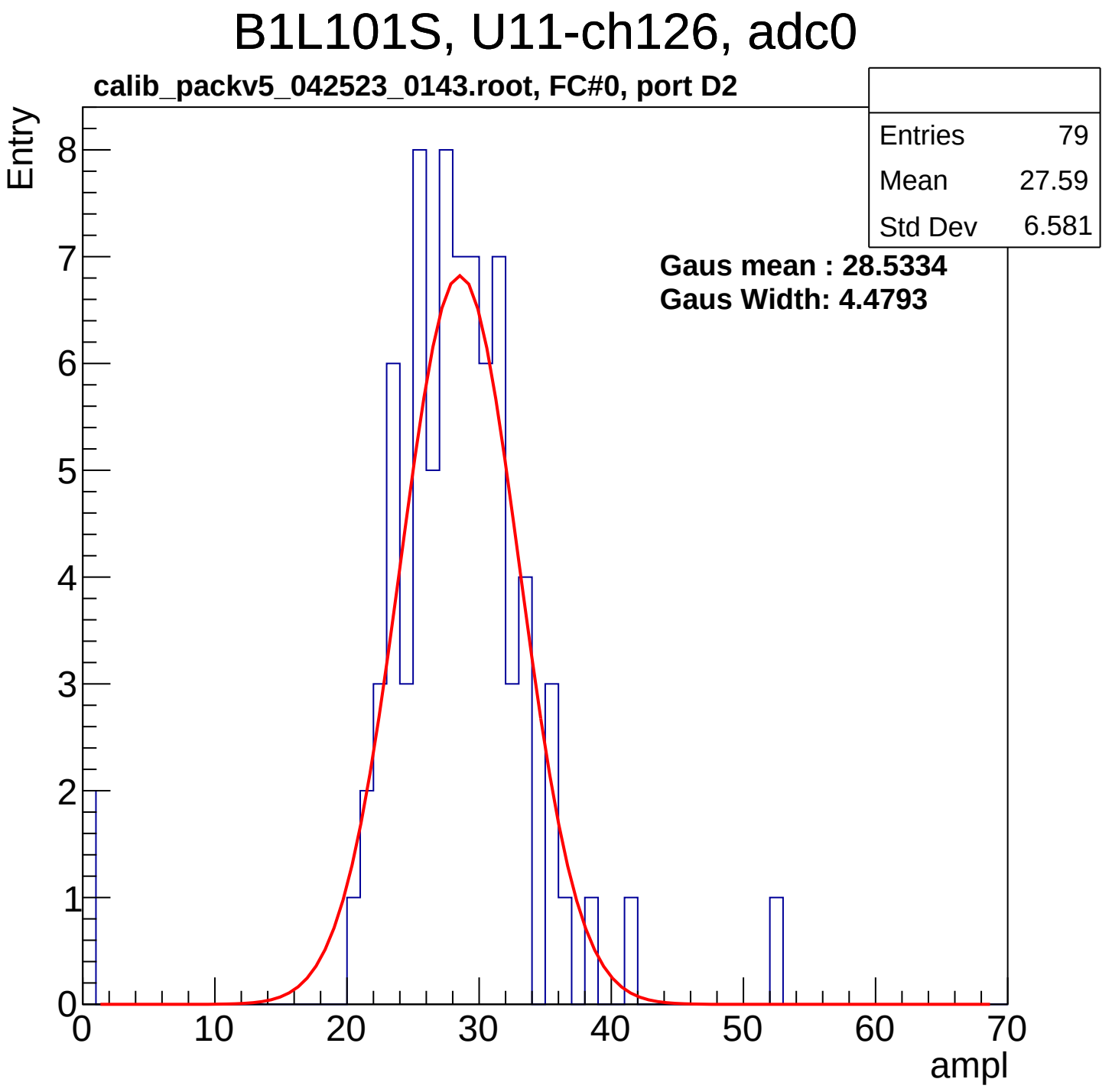
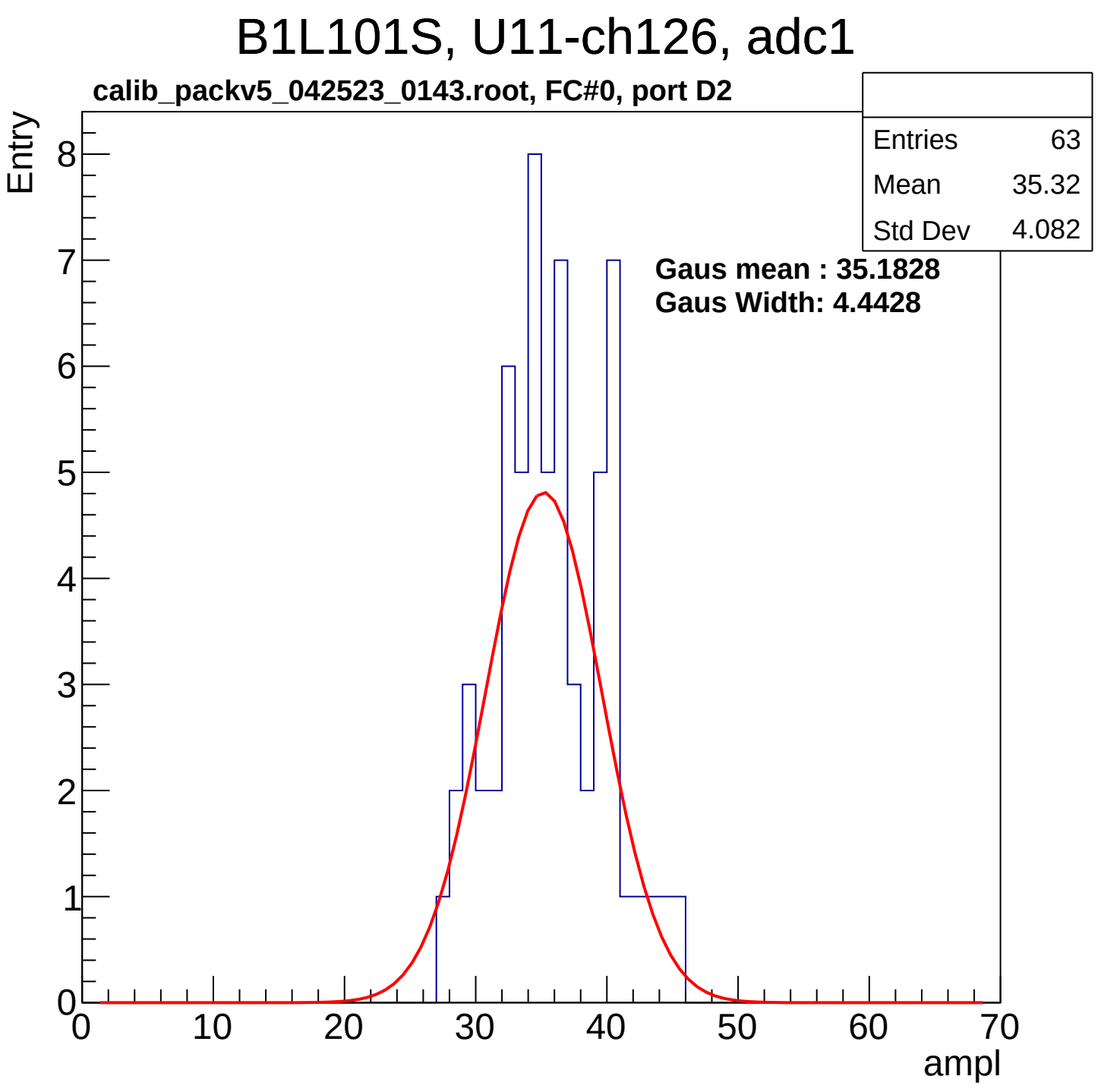
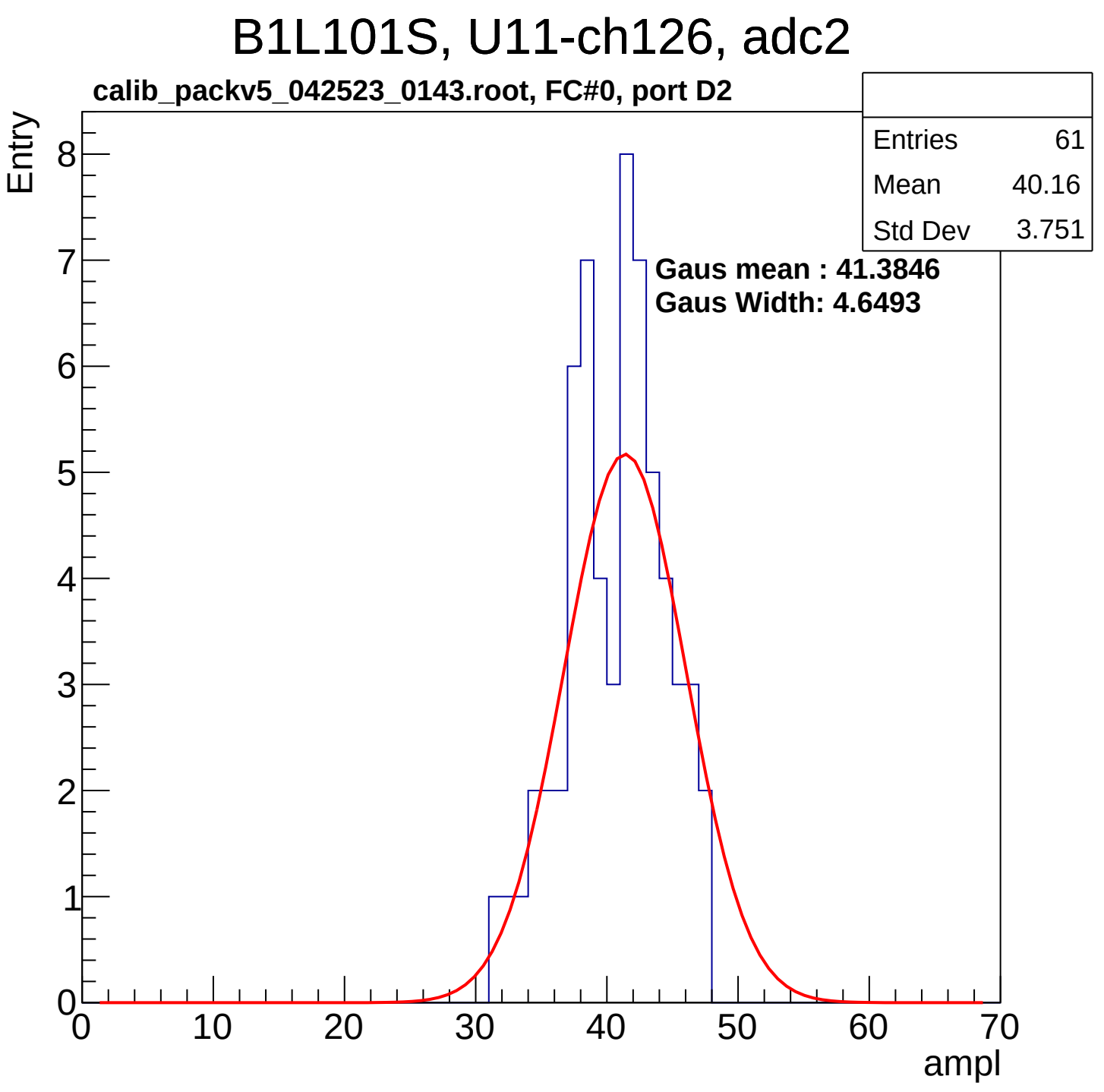
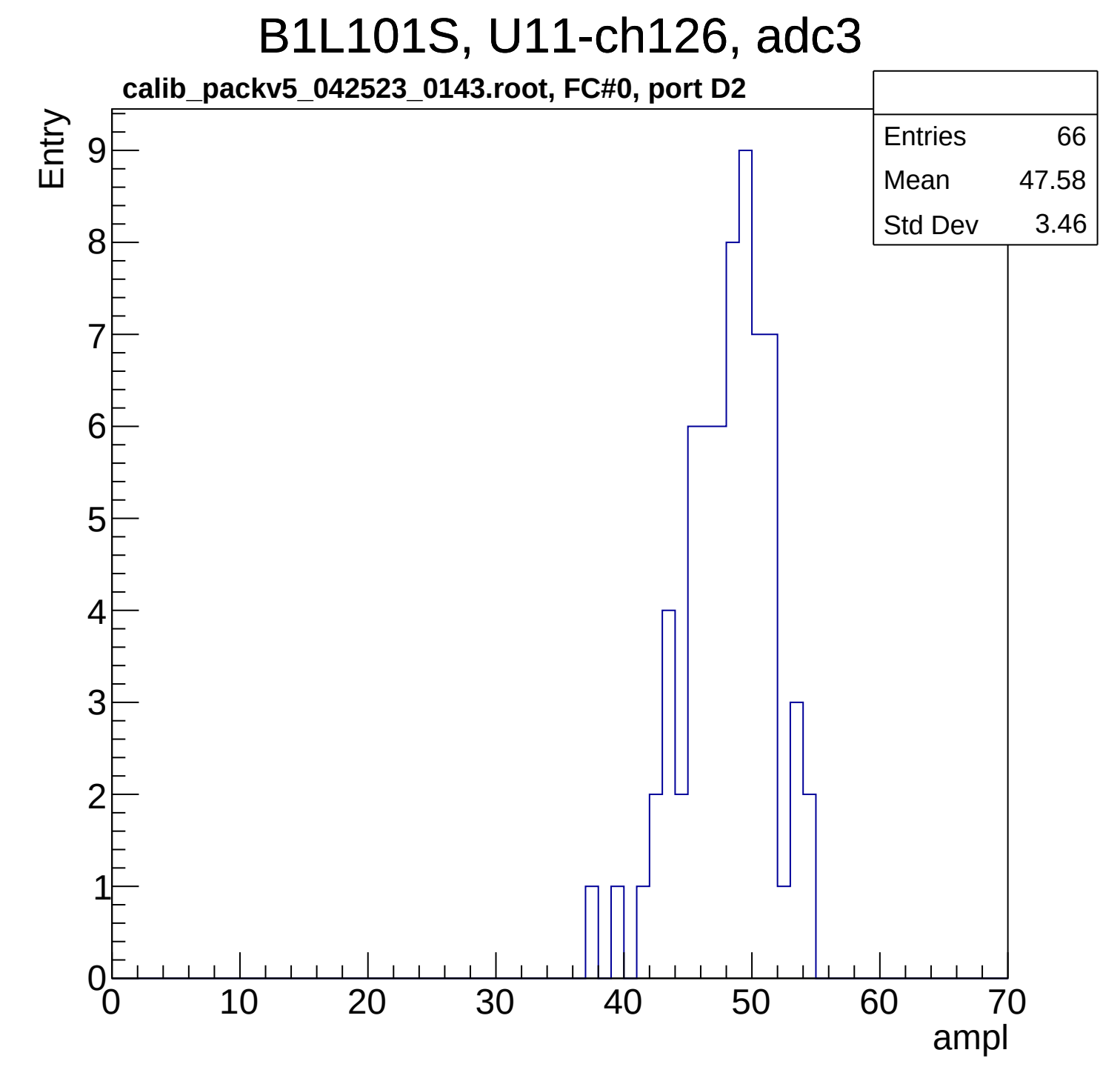
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L101S, U11-ch125, adc7
calib_packv5_042523_0143.root, FC#0, port D2
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


B1L101S, U11-ch126, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 79
Mean 27.59
Std Dev 6.581
Gaus mean : 28.5334
Gaus Width: 4.4793
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch126, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 63
Mean 35.32
Std Dev 4.082
Gaus mean : 35.1828
Gaus Width: 4.4428
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch126, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 61
Mean 40.16
Std Dev 3.751
Gaus mean : 41.3846
Gaus Width: 4.6493
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch126, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 66
Mean 47.58
Std Dev 3.46
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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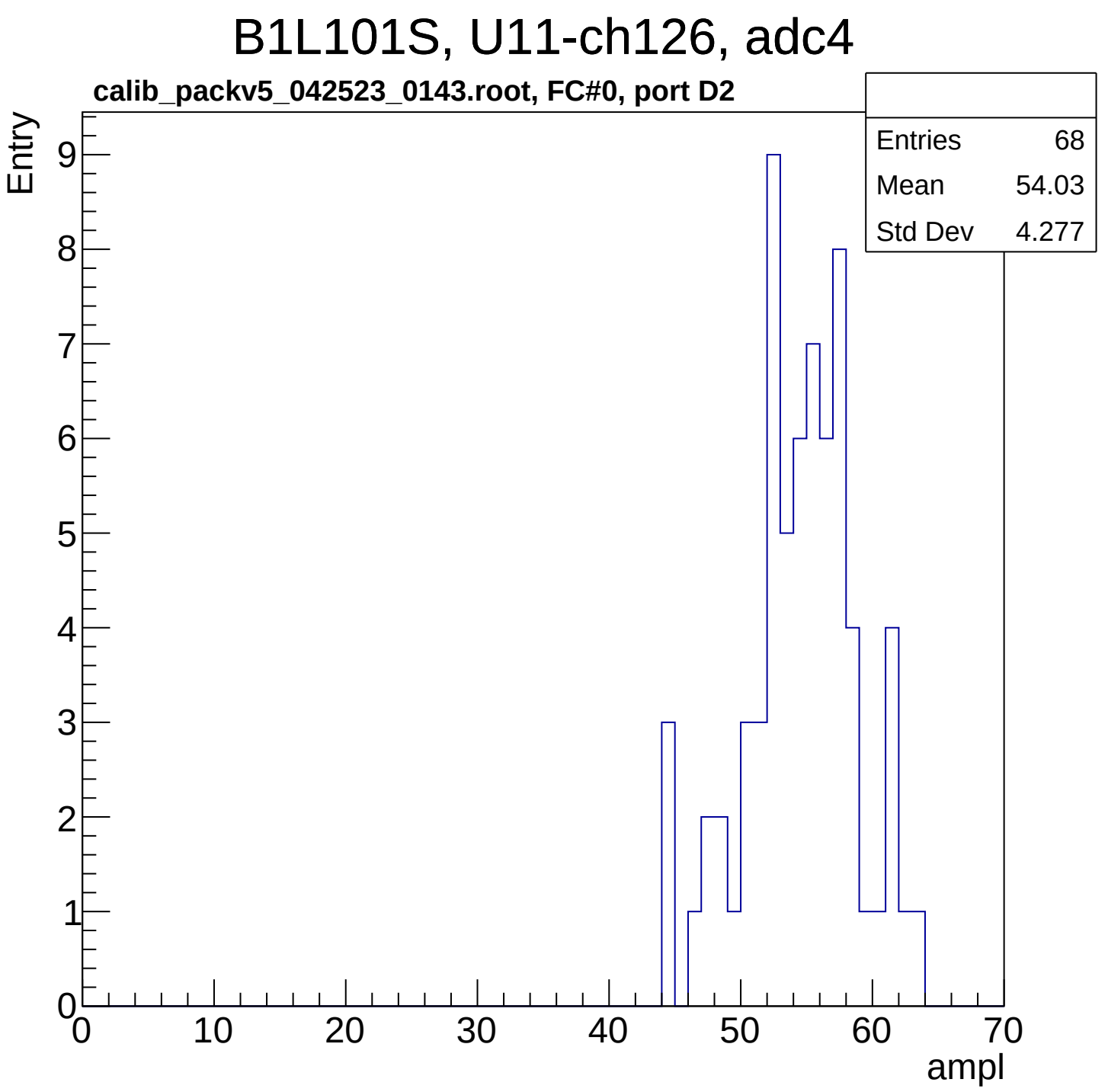
B1L101S, U11-ch126, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 68
Mean 54.03
Std Dev 4.277
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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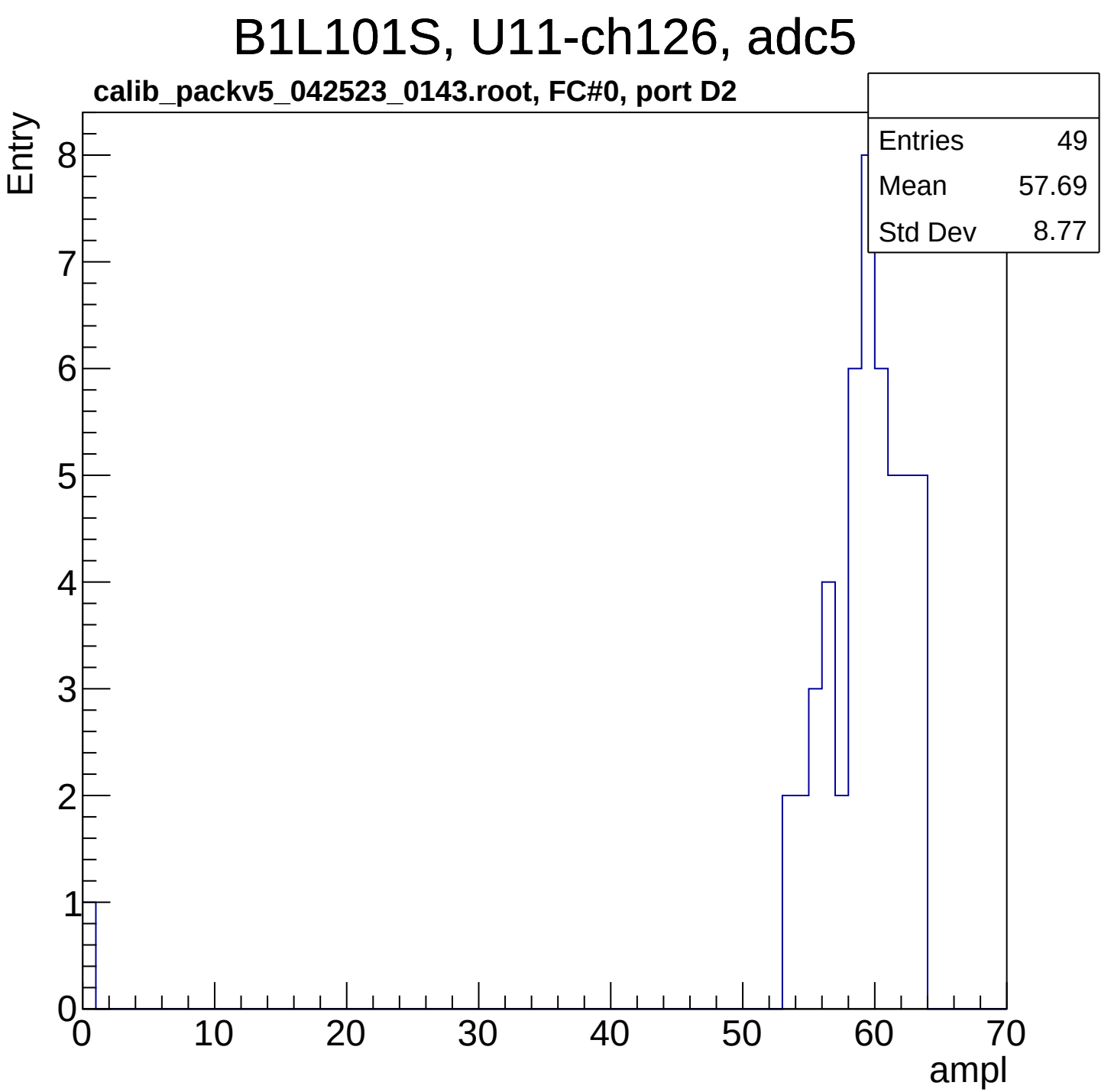
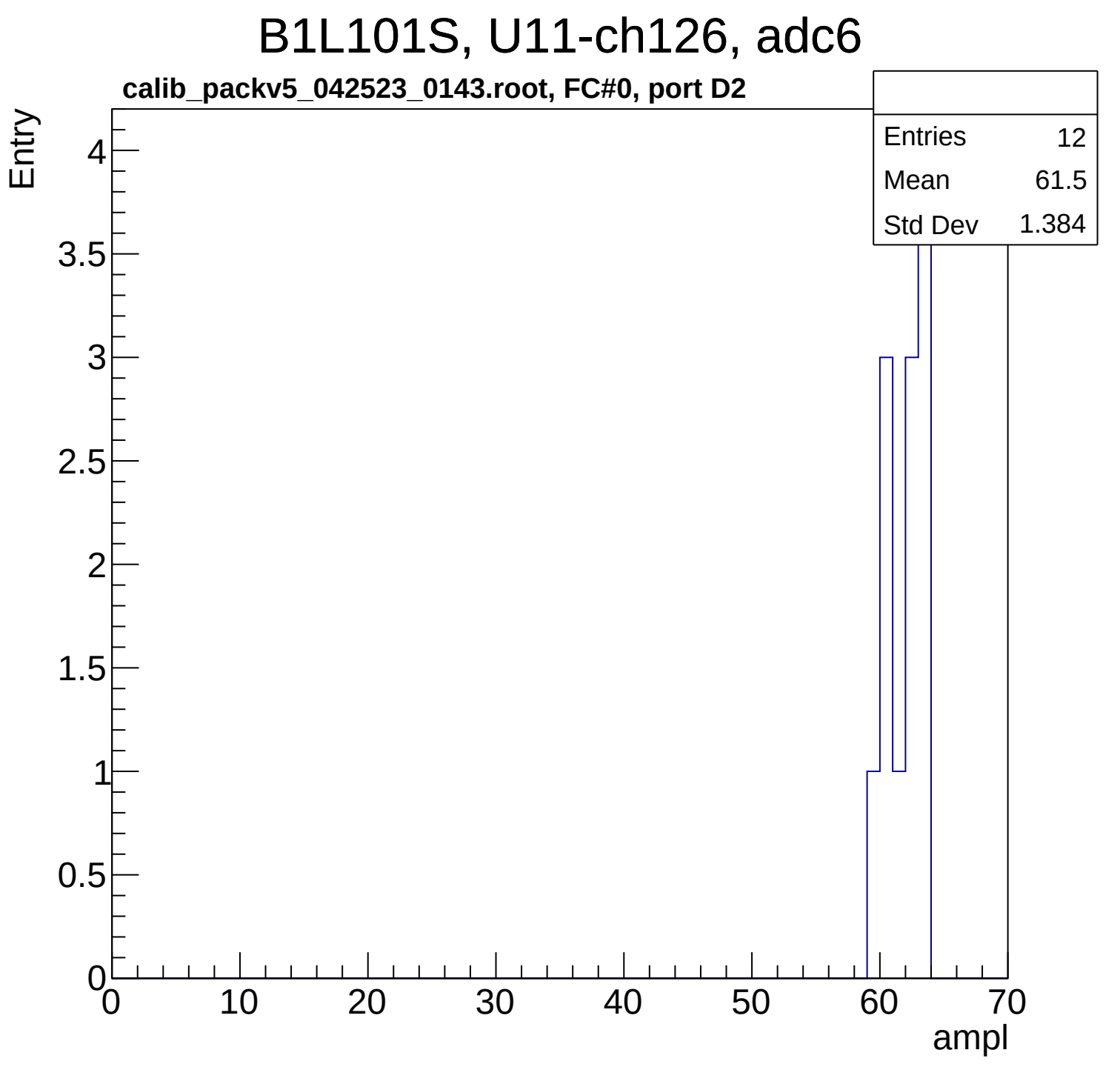
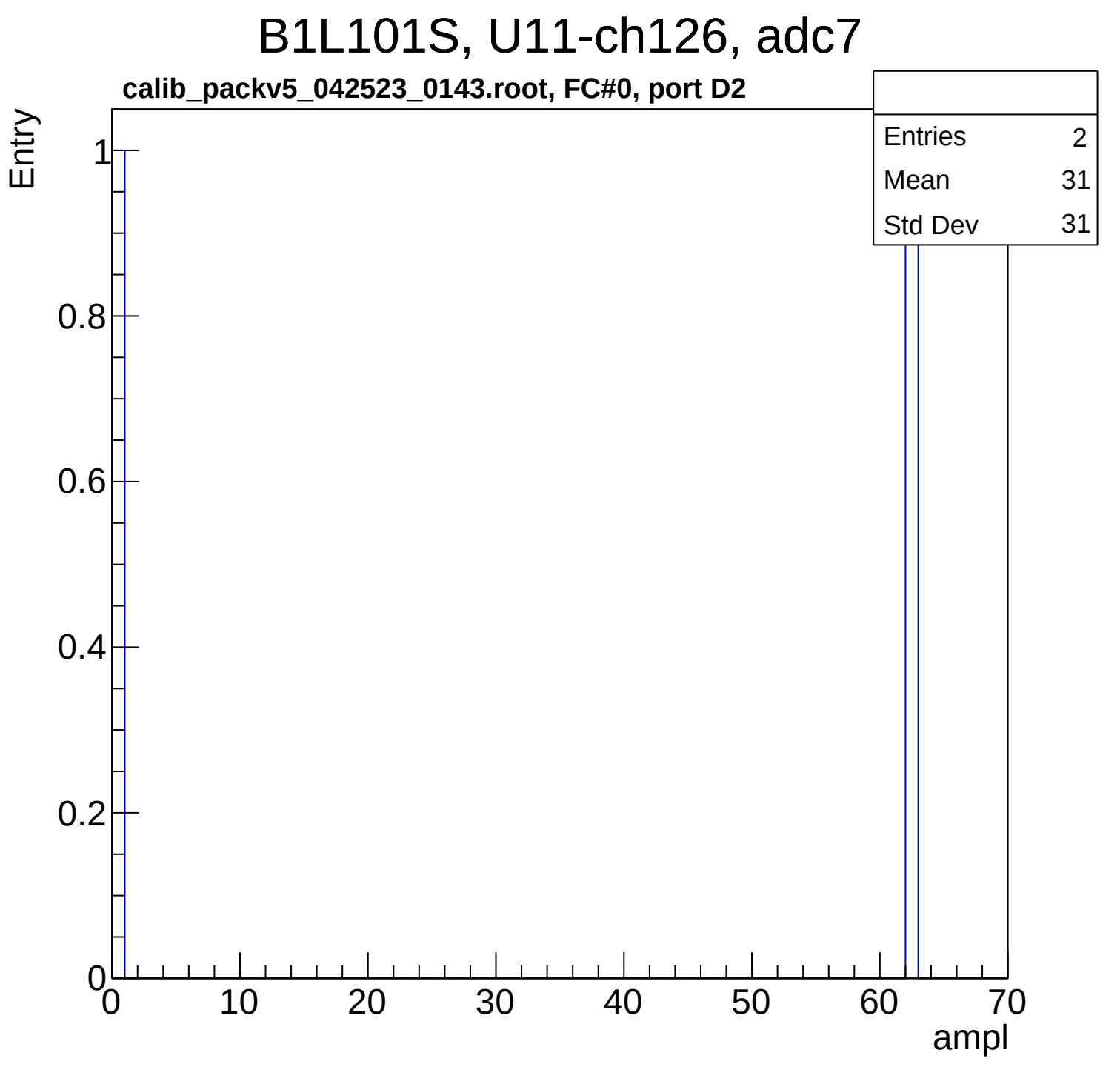
40
50
60
70


B1L101S, U11-ch126, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 49
Mean 57.69
Std Dev 8.77
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch126, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 12
Mean 61.5
Std Dev 1.384
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L101S, U11-ch126, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 2
Mean 31
Std Dev 31
Entry
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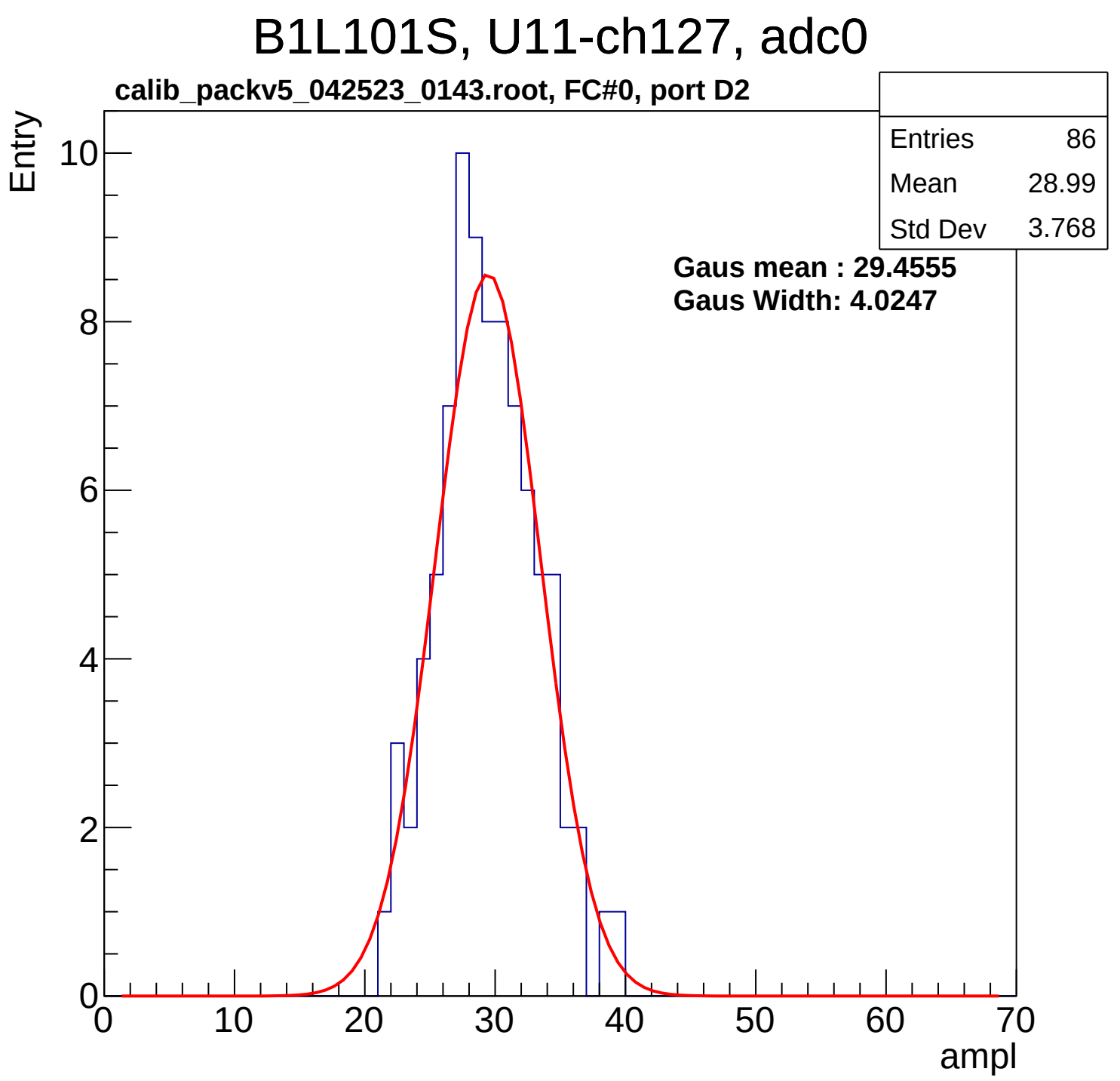
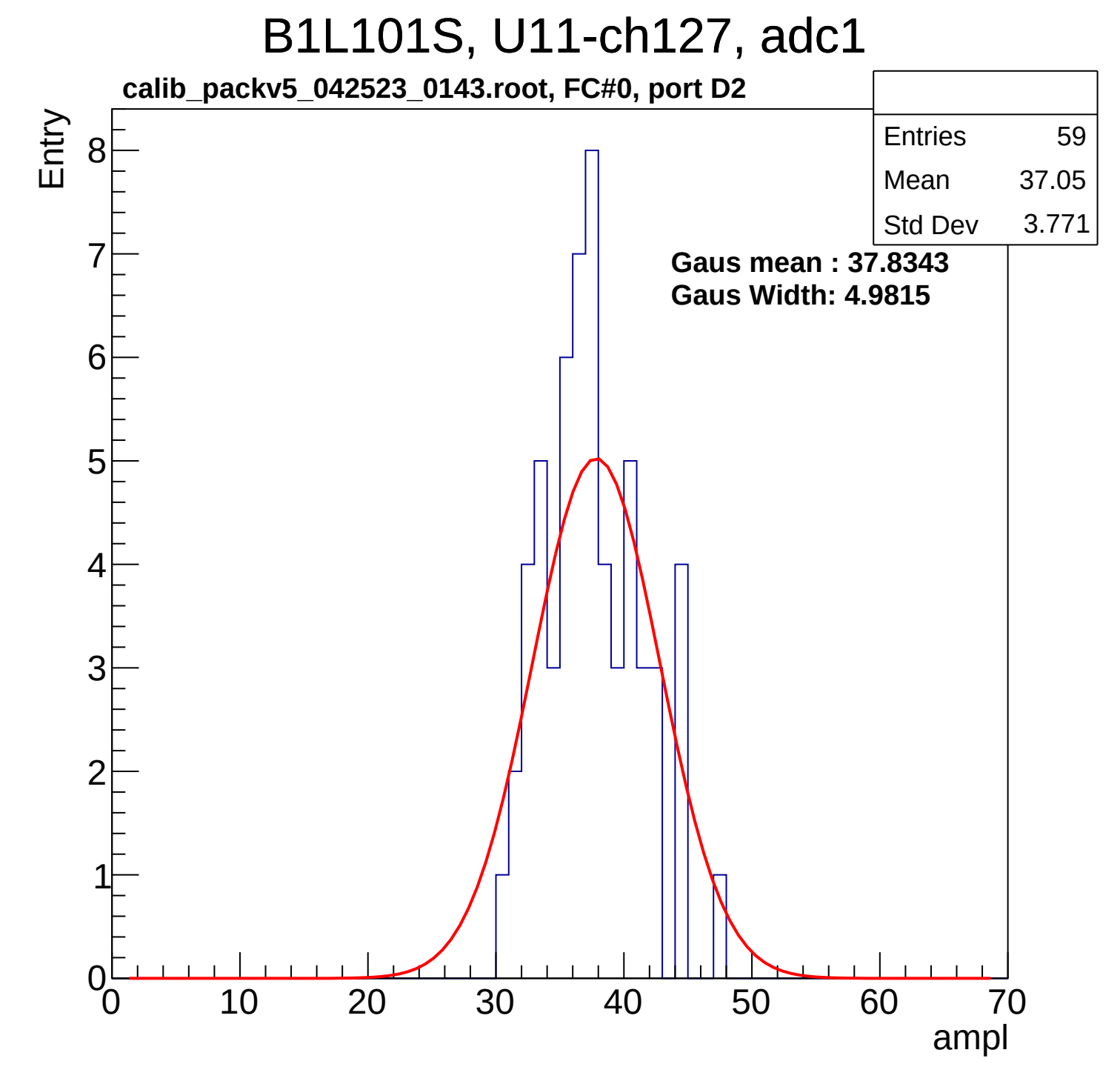
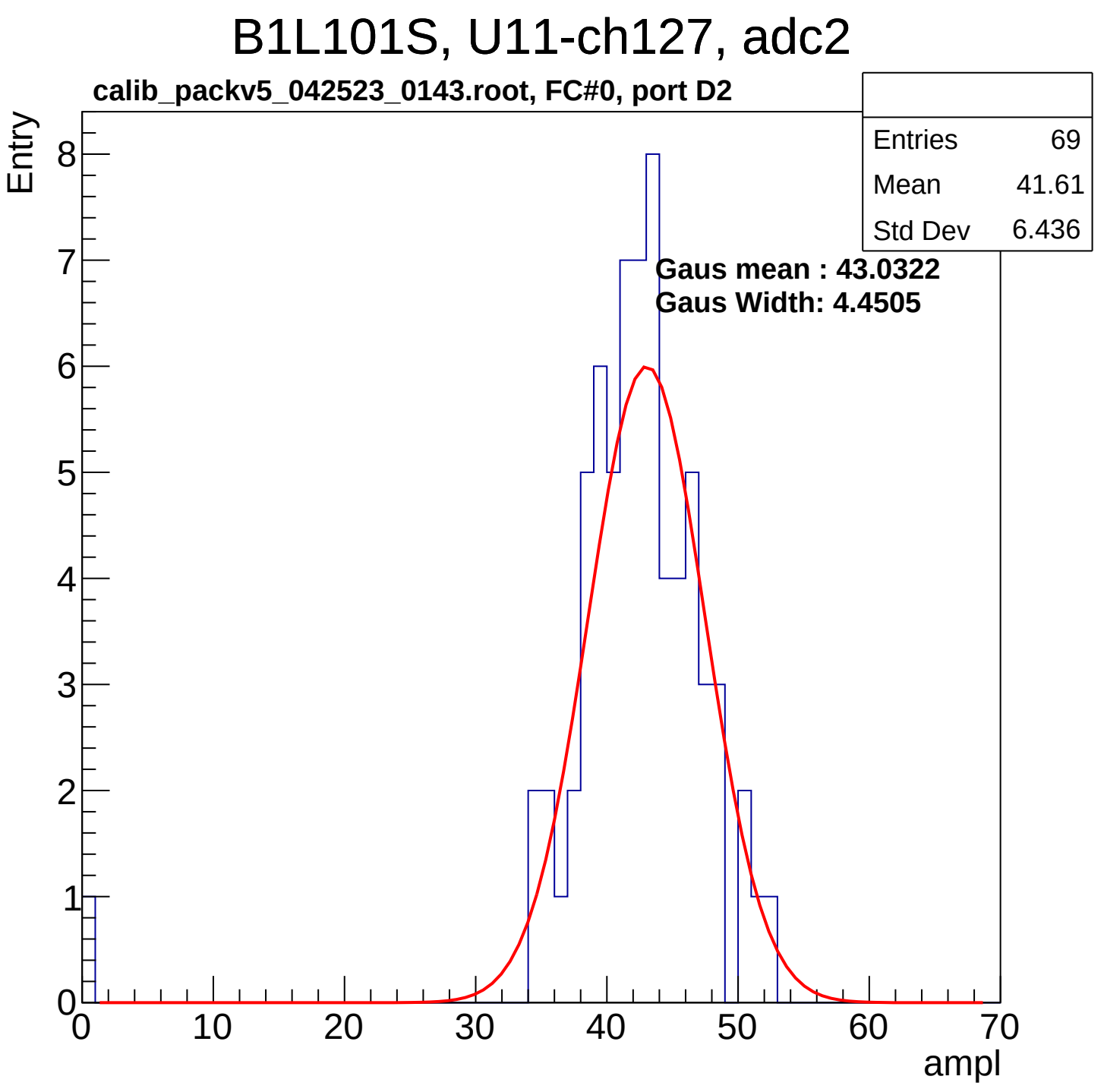
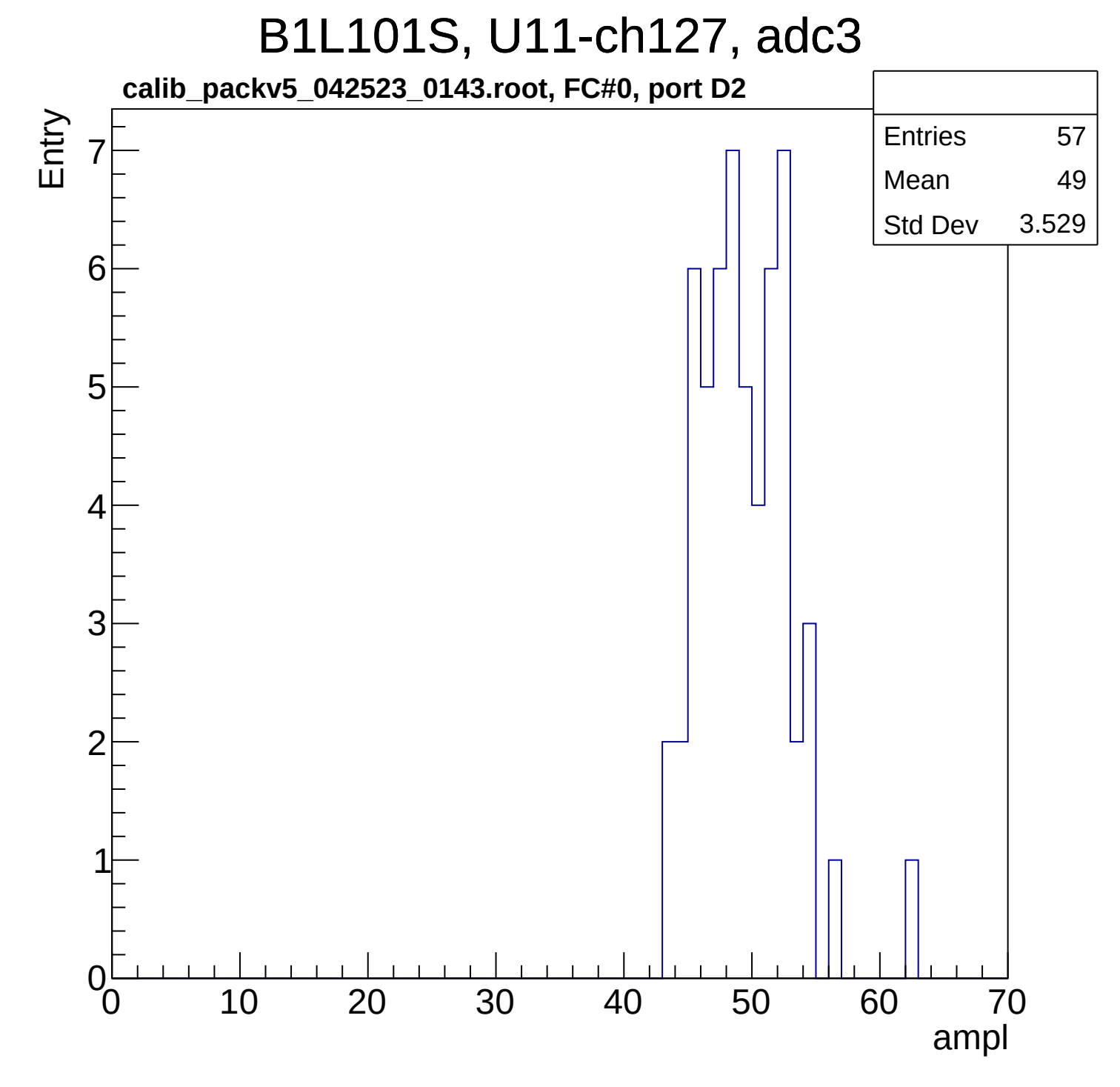
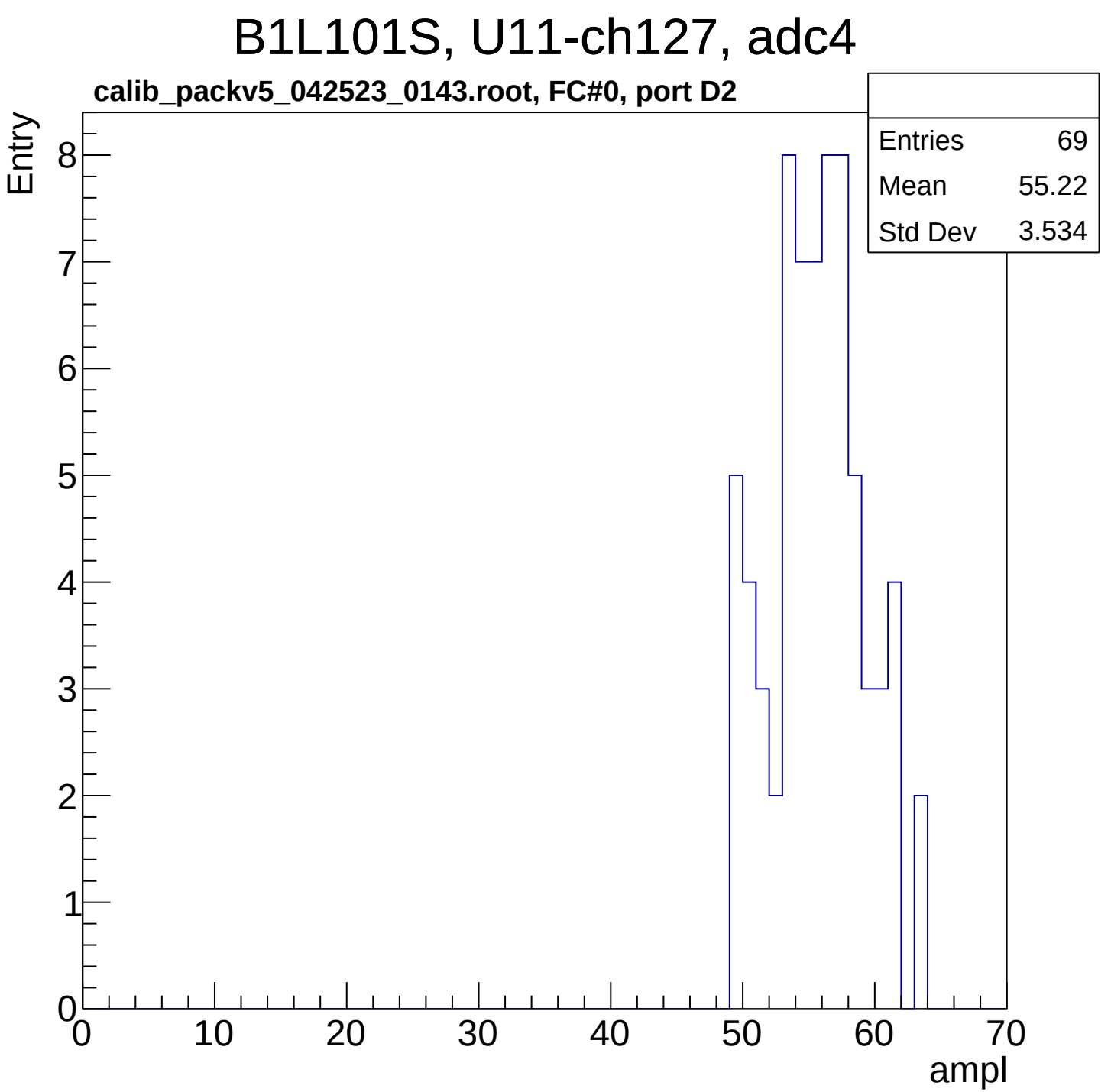
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

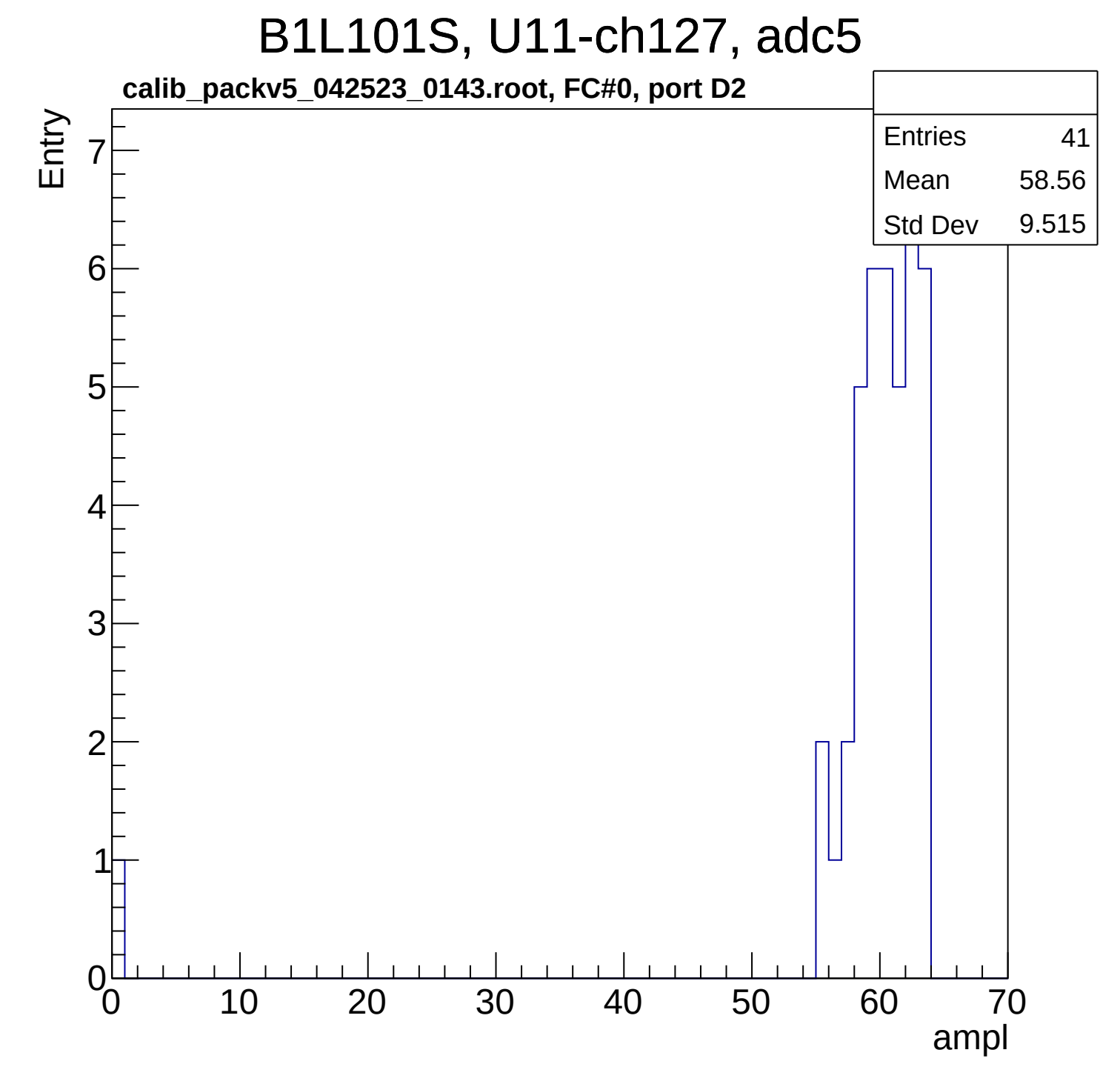

B1L101S, U11-ch127, adc0
calib_packv5_042523_0143.root, FC#0, port D2
Entries 86
Mean 28.99
Std Dev 3.768
Gaus mean : 29.4555
Gaus Width: 4.0247
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

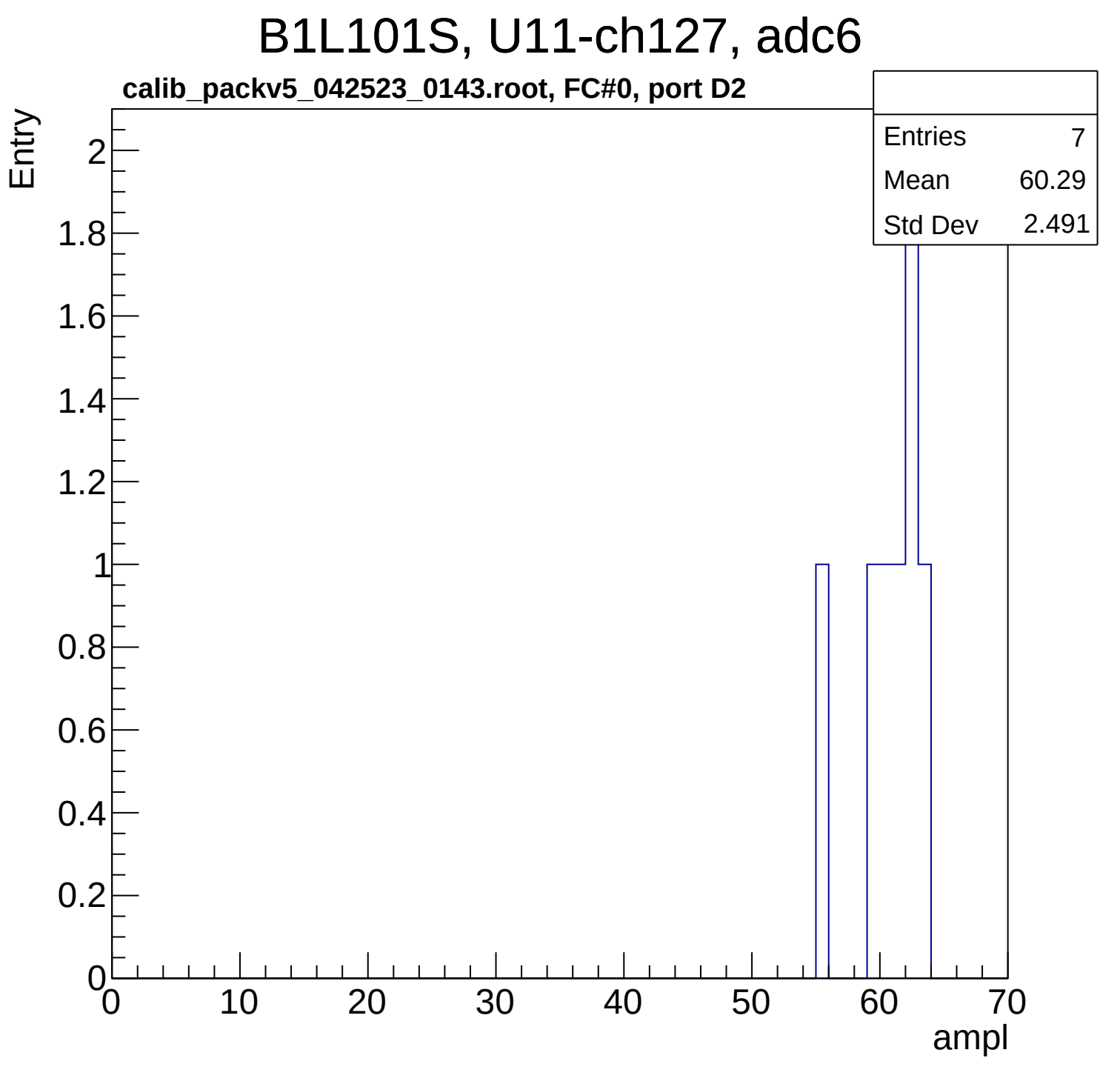

B1L101S, U11-ch127, adc1
calib_packv5_042523_0143.root, FC#0, port D2
Entries 59
Mean 37.05
Std Dev 3.771
Gaus mean : 37.8343
Gaus Width: 4.9815
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

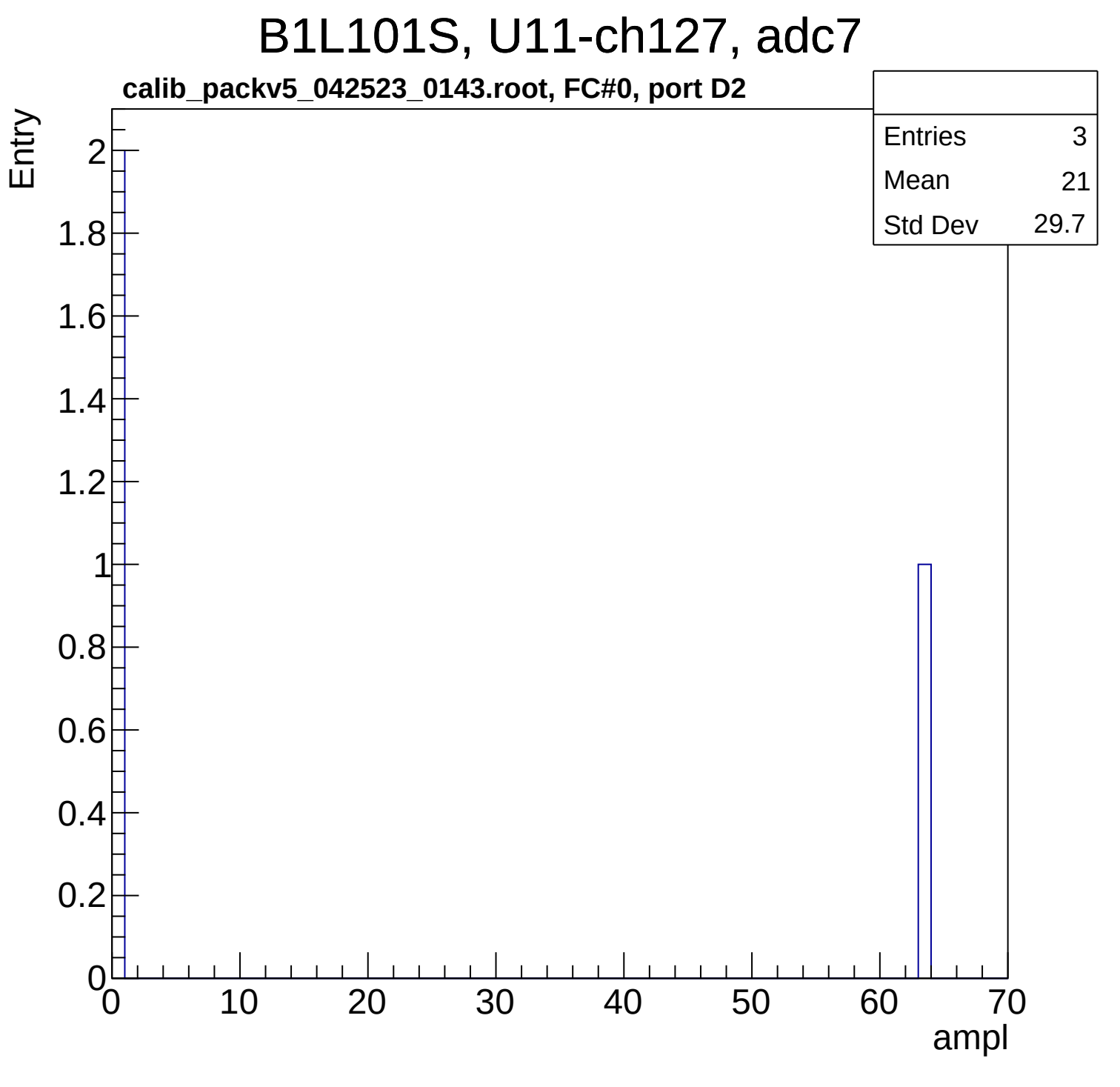

B1L101S, U11-ch127, adc2
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 41.61
Std Dev 6.436
Gaus mean : 43.0322
Gaus Width: 4.4505
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

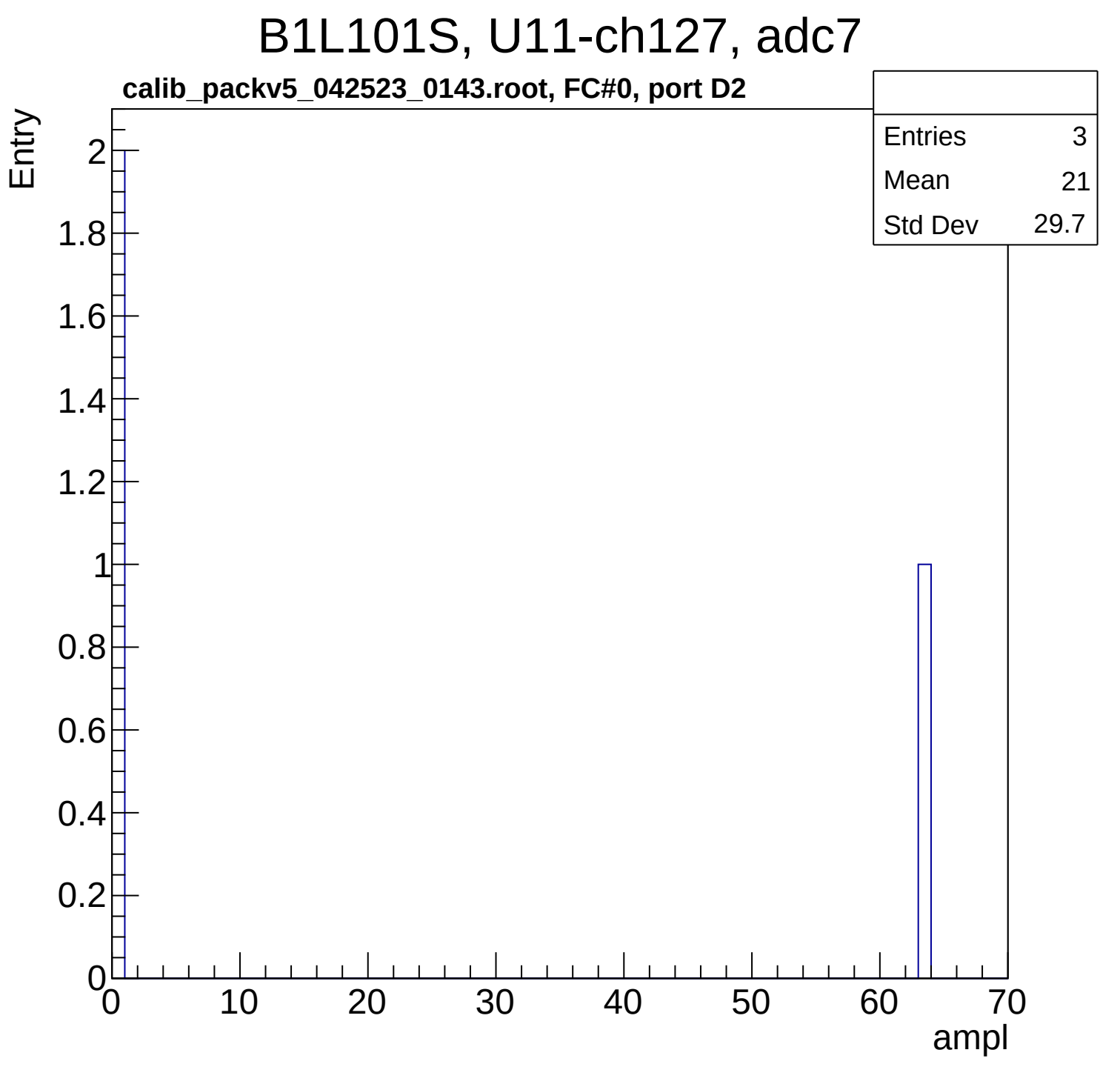

B1L101S, U11-ch127, adc3
calib_packv5_042523_0143.root, FC#0, port D2
Entries 57
Mean 49
Std Dev 3.529
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch127, adc4
calib_packv5_042523_0143.root, FC#0, port D2
Entries 69
Mean 55.22
Std Dev 3.534
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L101S, U11-ch127, adc5
calib_packv5_042523_0143.root, FC#0, port D2
Entries 41
Mean 58.56
Std Dev 9.515
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L101S, U11-ch127, adc6
calib_packv5_042523_0143.root, FC#0, port D2
Entries 7
Mean 60.29
Std Dev 2.491
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


B1L101S, U11-ch127, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 21
Std Dev 29.7
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L101S, U11-ch127, adc7
calib_packv5_042523_0143.root, FC#0, port D2
Entries 3
Mean 21
Std Dev 29.7
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70