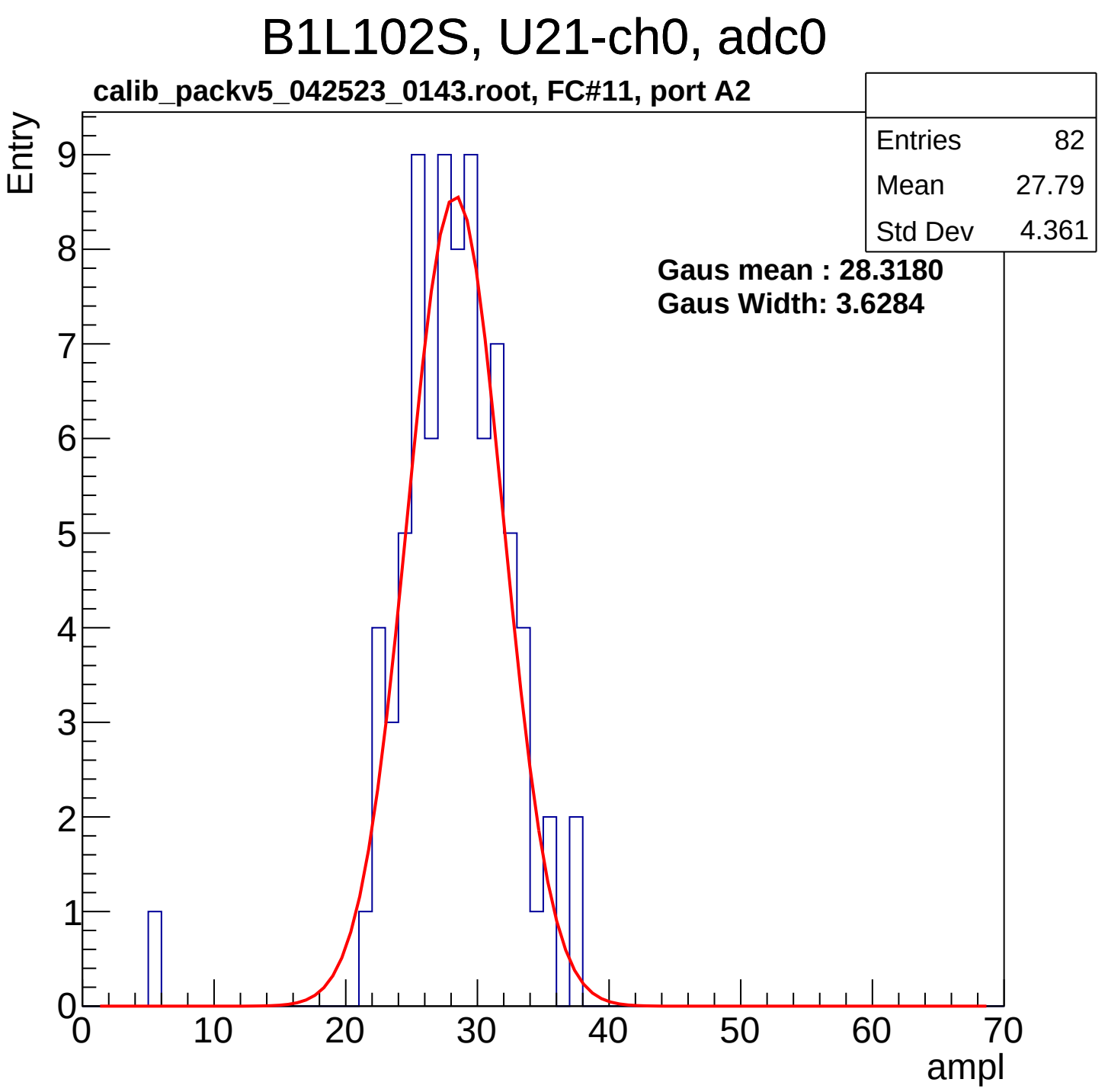
B1L102S, U21-ch0, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 82
Mean 27.79
Std Dev 4.361
Gaus mean : 28.3180
Gaus Width: 3.6284
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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40
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60
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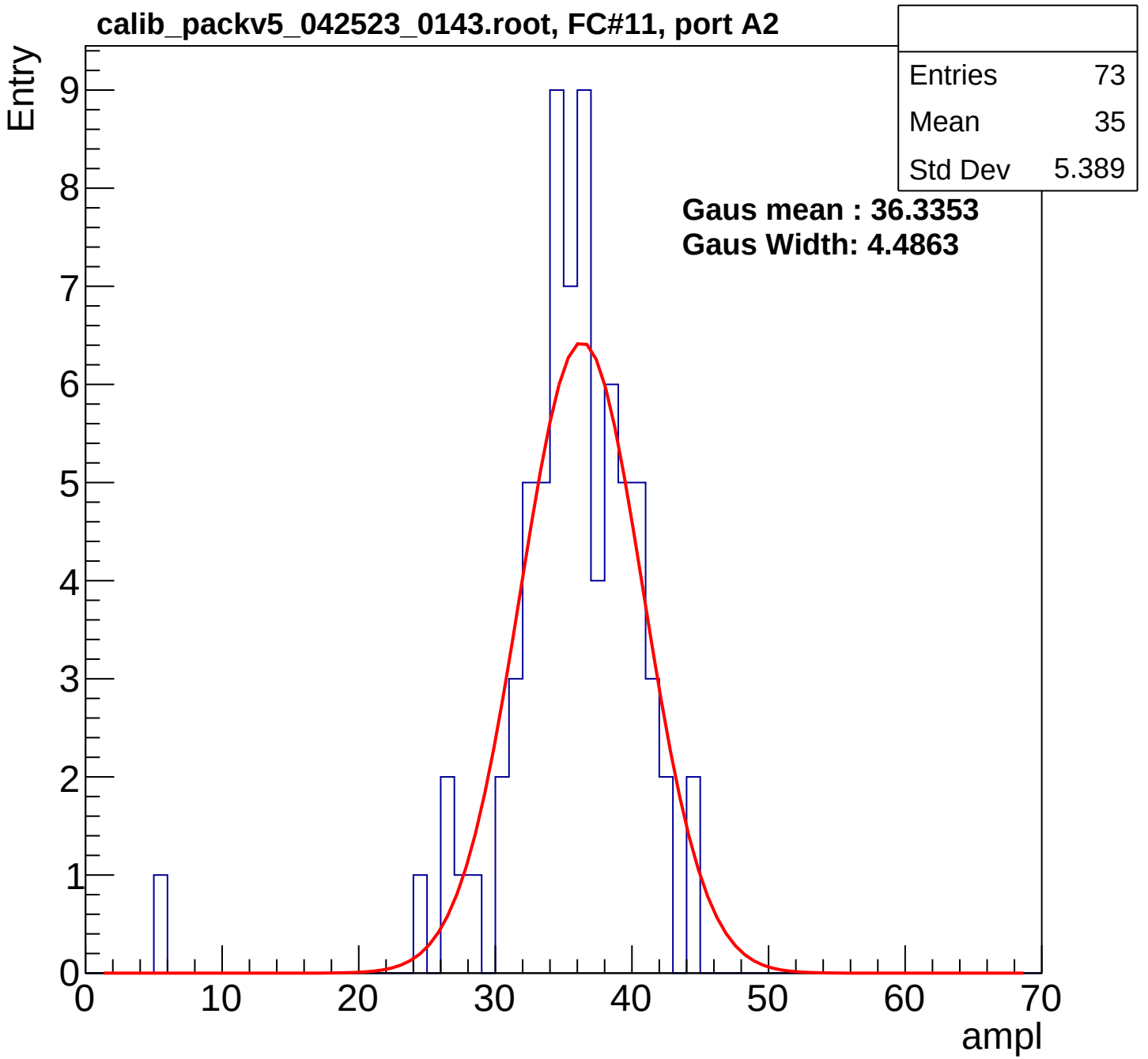
B1L102S, U21-ch0, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 35
Std Dev 5.389
Gaus mean : 36.3353
Gaus Width: 4.4863
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
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40
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60
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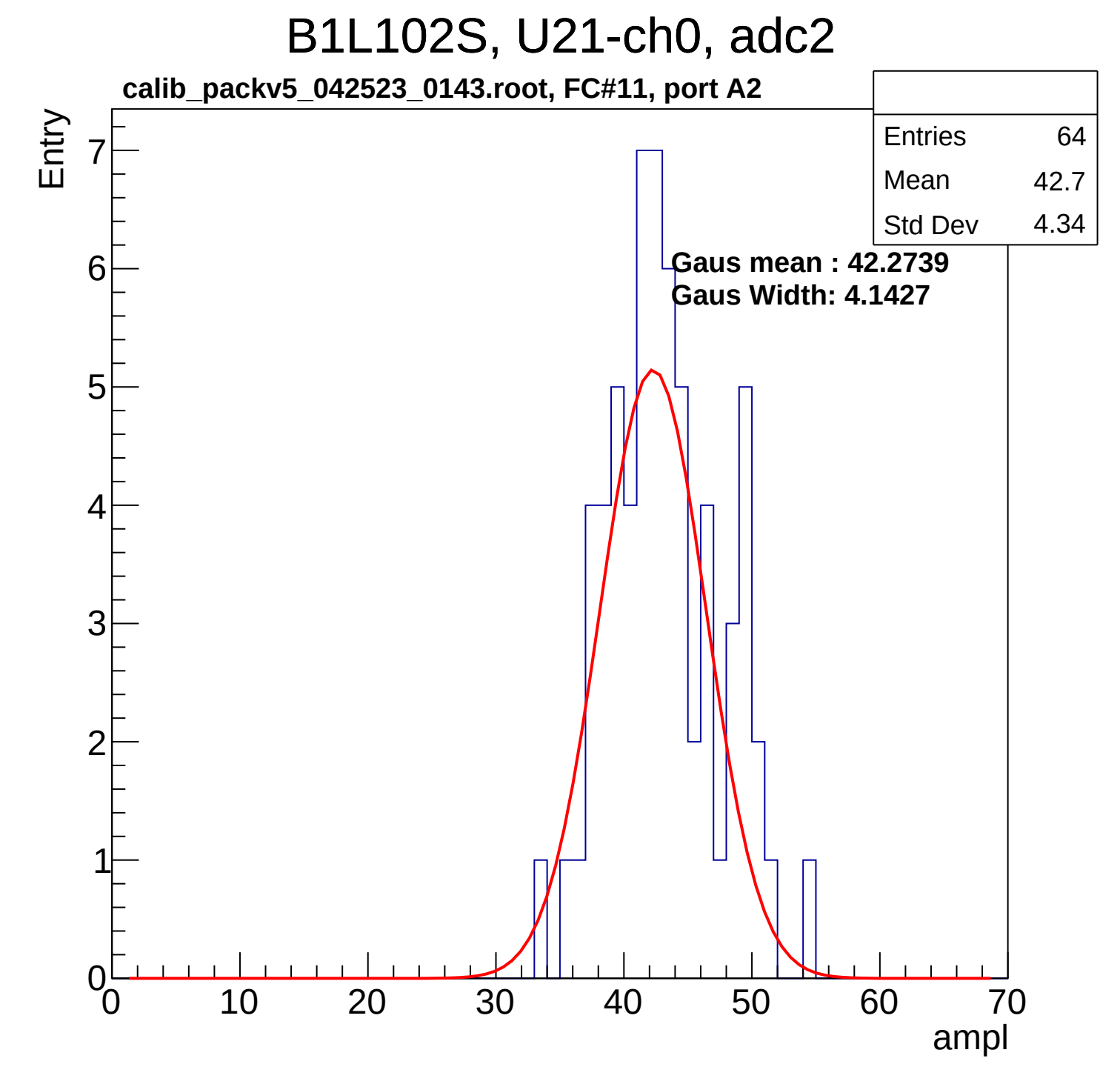
B1L102S, U21-ch0, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 42.7
Std Dev 4.34
Gaus mean : 42.2739
Gaus Width: 4.1427
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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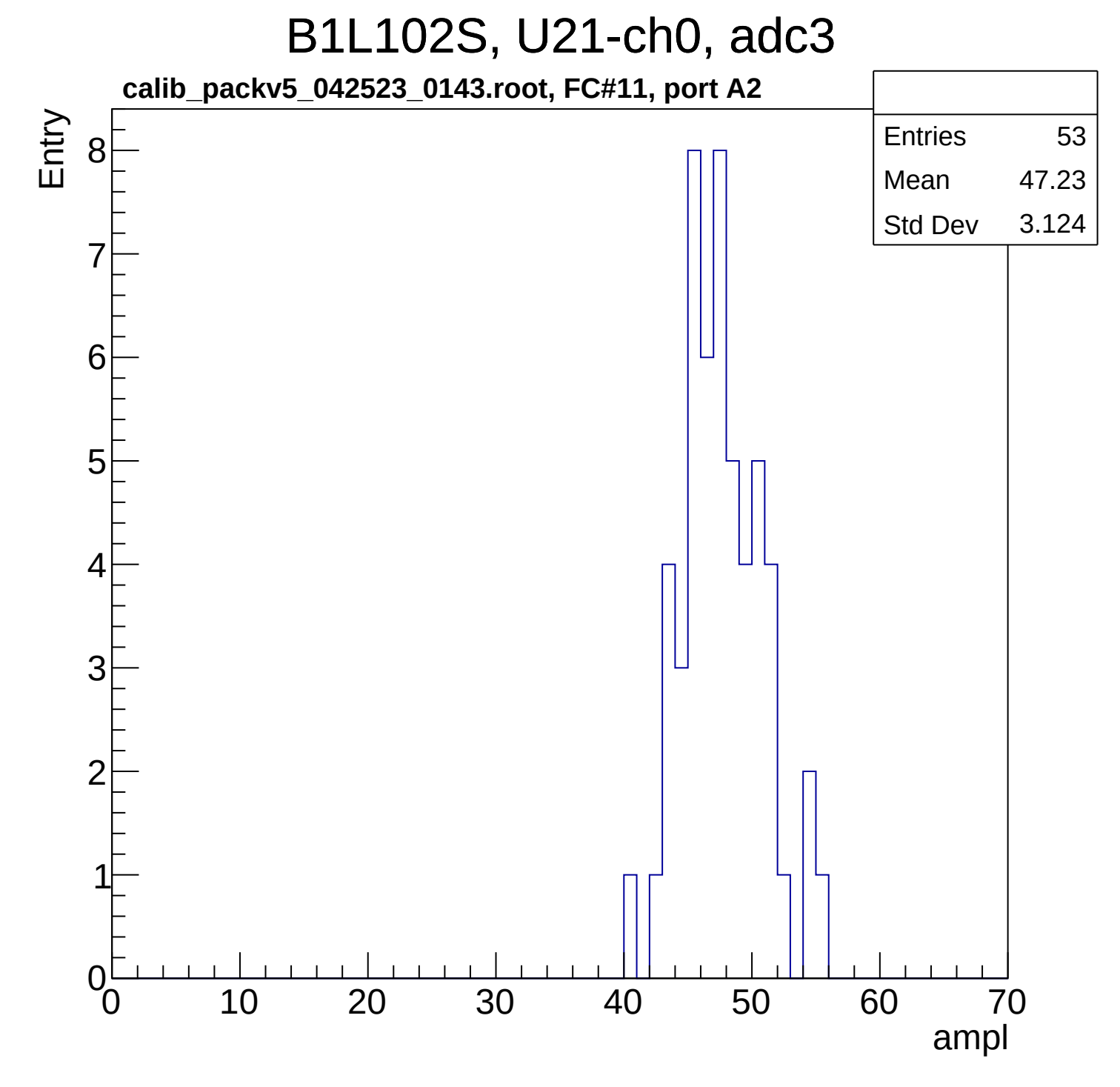
B1L102S, U21-ch0, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 53
Mean 47.23
Std Dev 3.124
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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60
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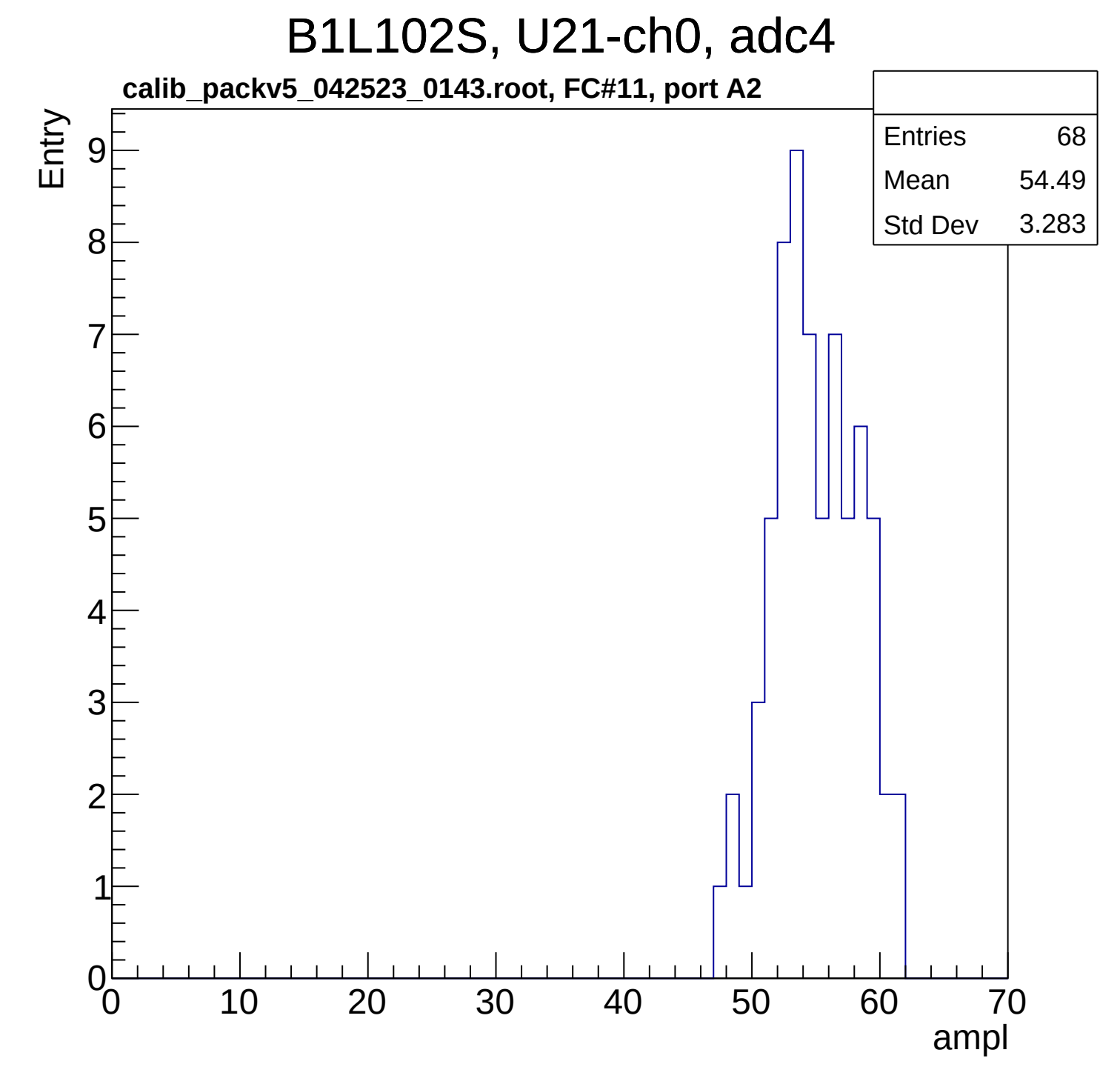
B1L102S, U21-ch0, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 54.49
Std Dev 3.283
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
50
60
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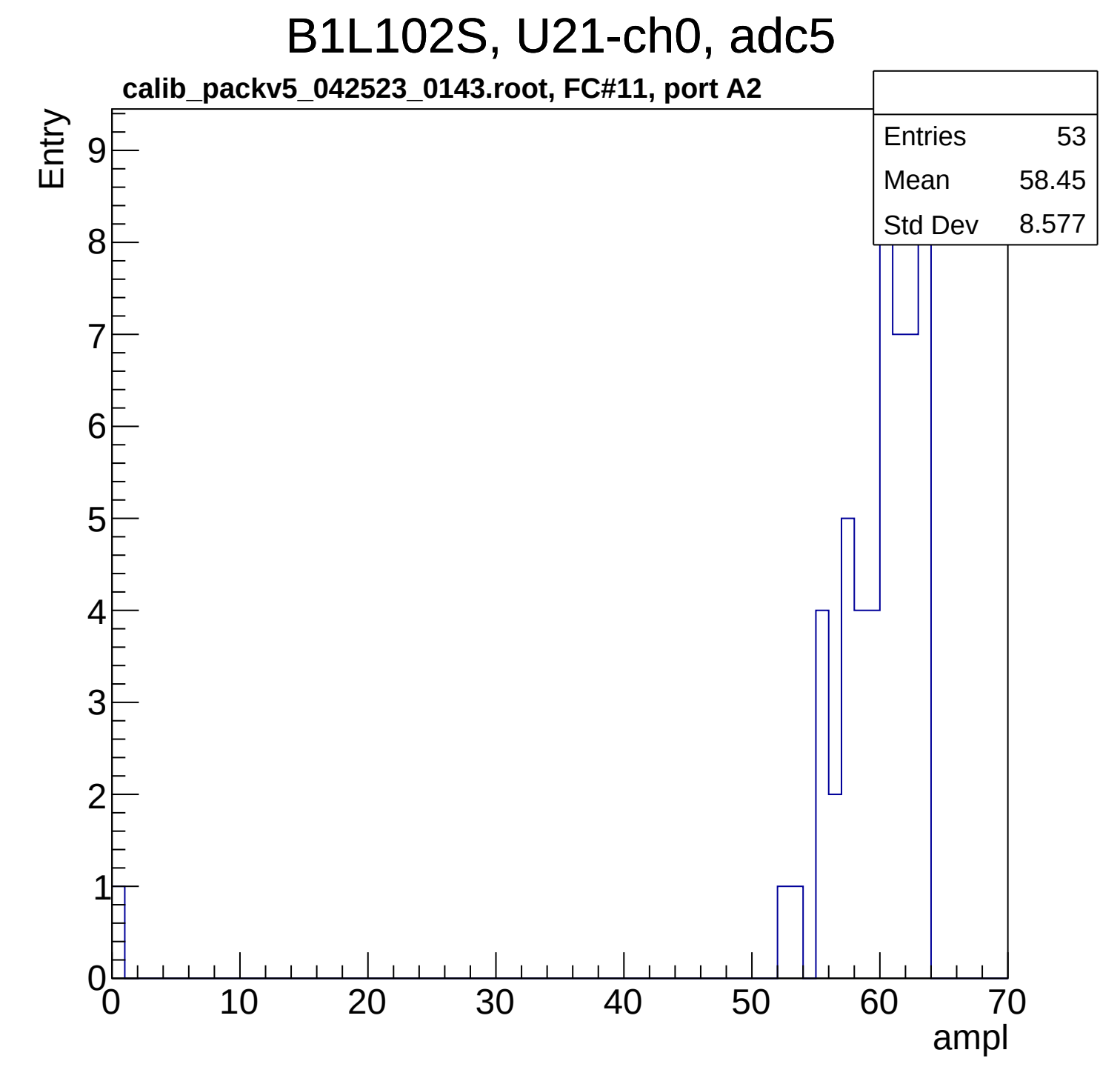
B1L102S, U21-ch0, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 53
Mean 58.45
Std Dev 8.577
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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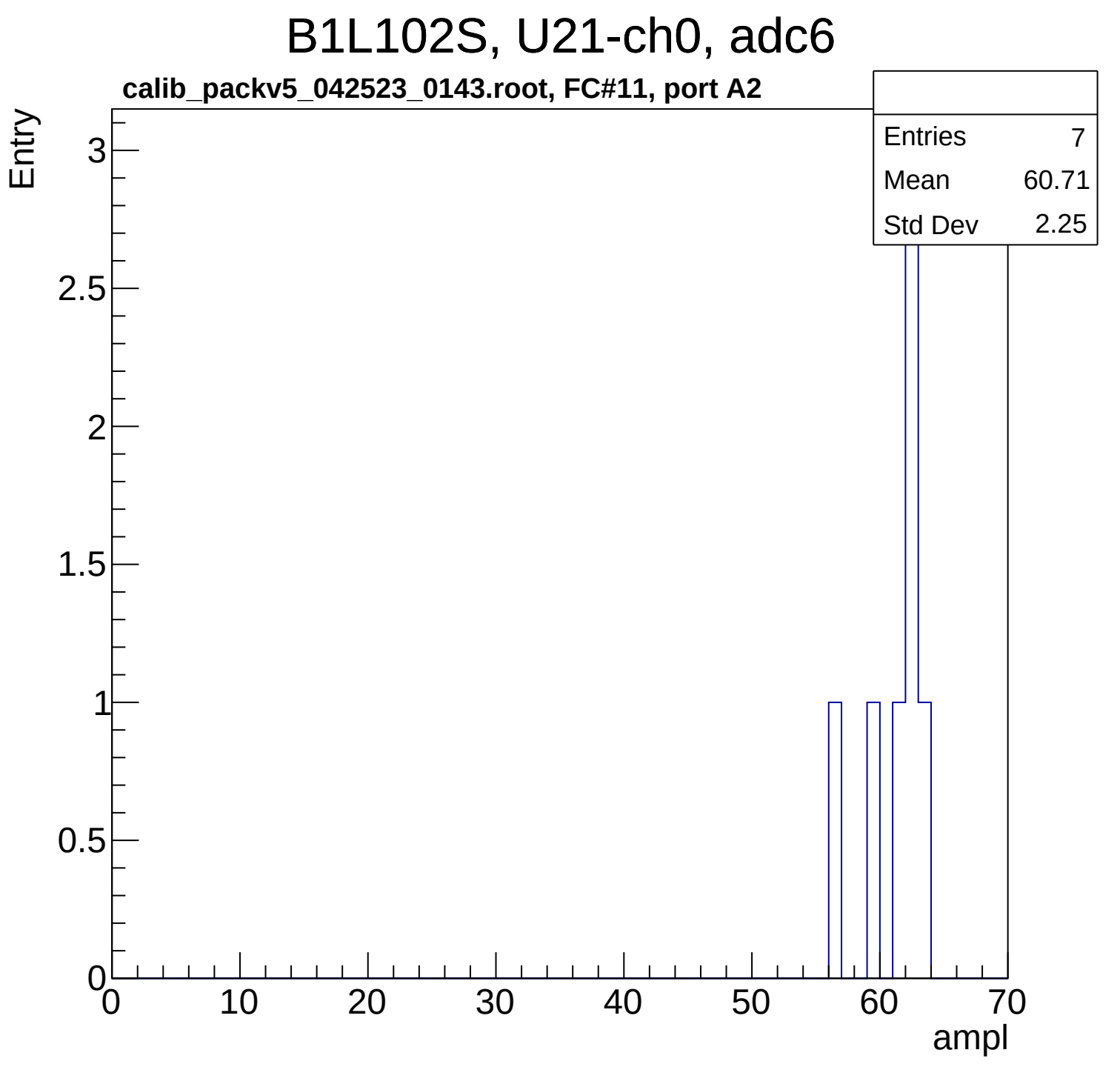
B1L102S, U21-ch0, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 7
Mean 60.71
Std Dev 2.25
Entry
ampl
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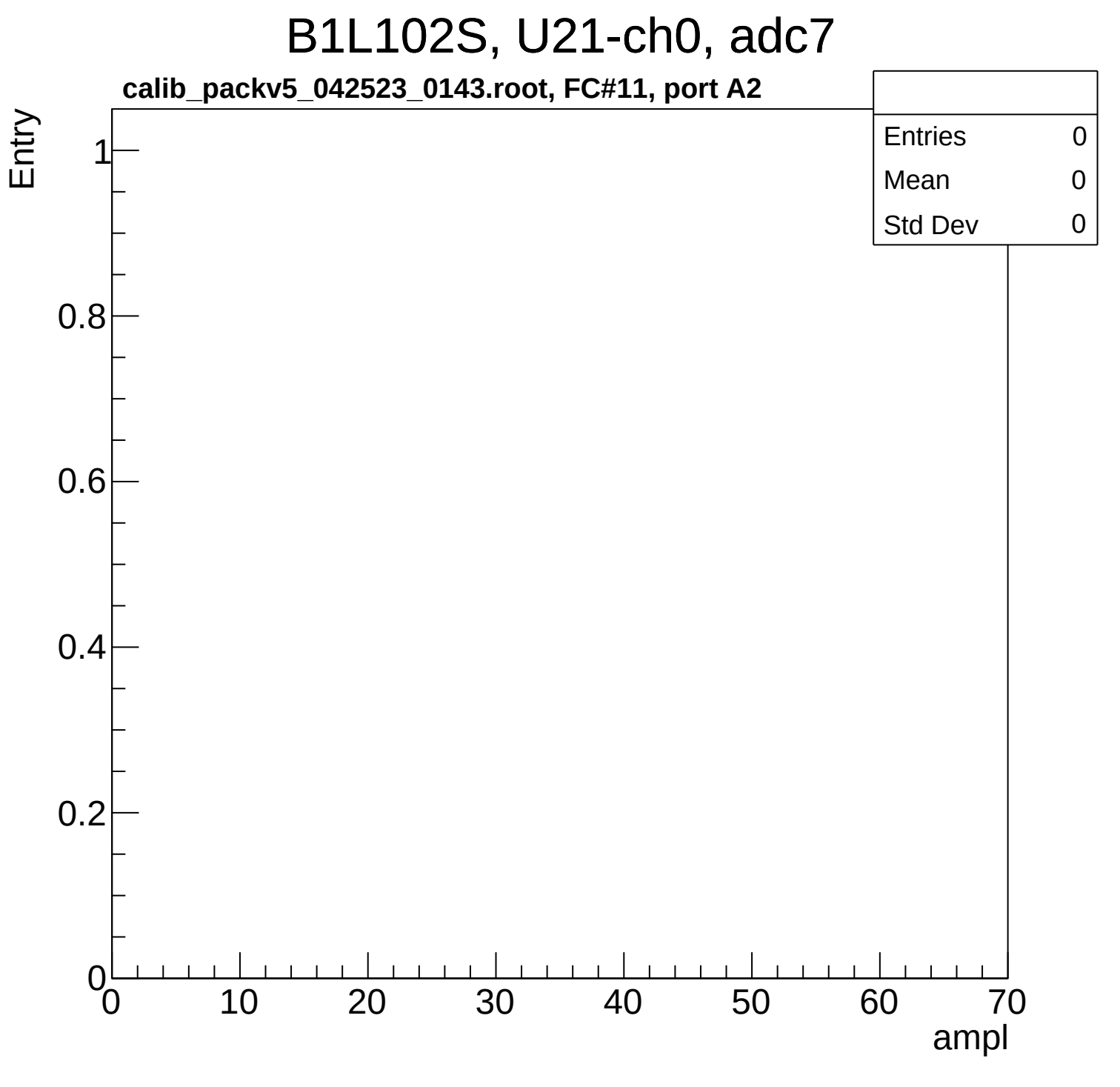
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U21-ch0, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
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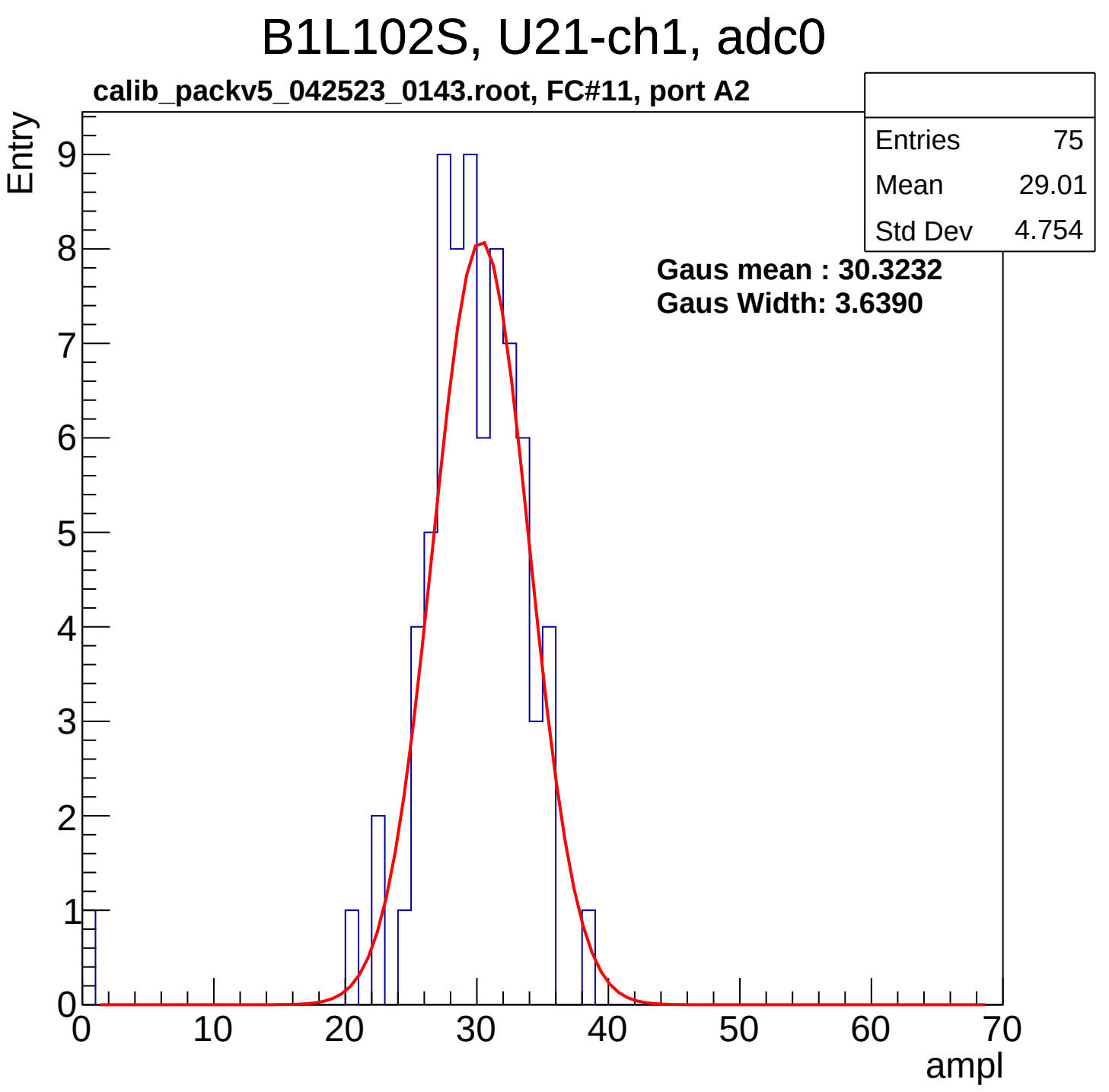
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch1, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 29.01
Std Dev 4.754
Gaus mean : 30.3232
Gaus Width: 3.6390
Entry
ampl
0
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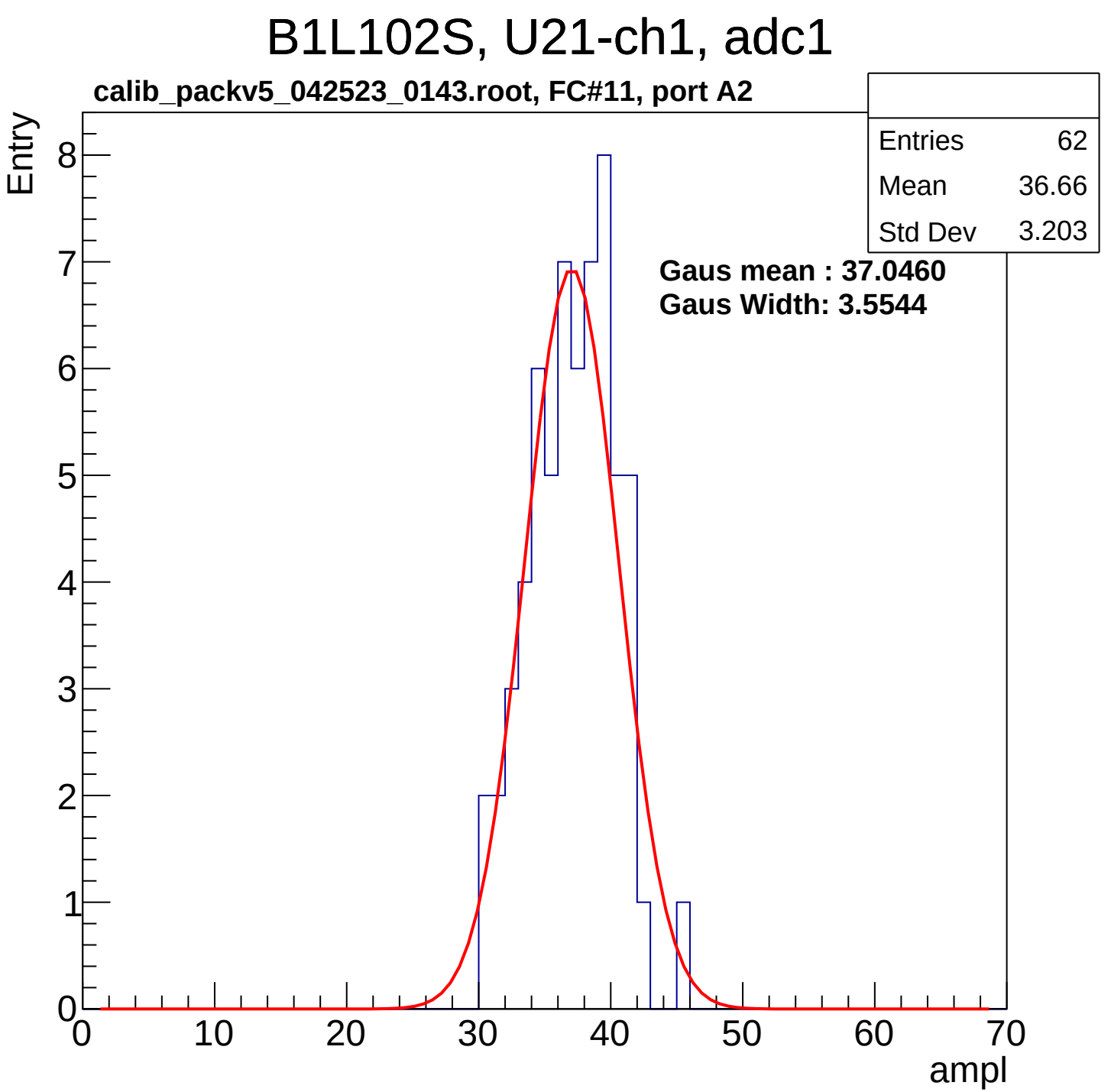
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch1, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 36.66
Std Dev 3.203
Gaus mean : 37.0460
Gaus Width: 3.5544
Entry
ampl
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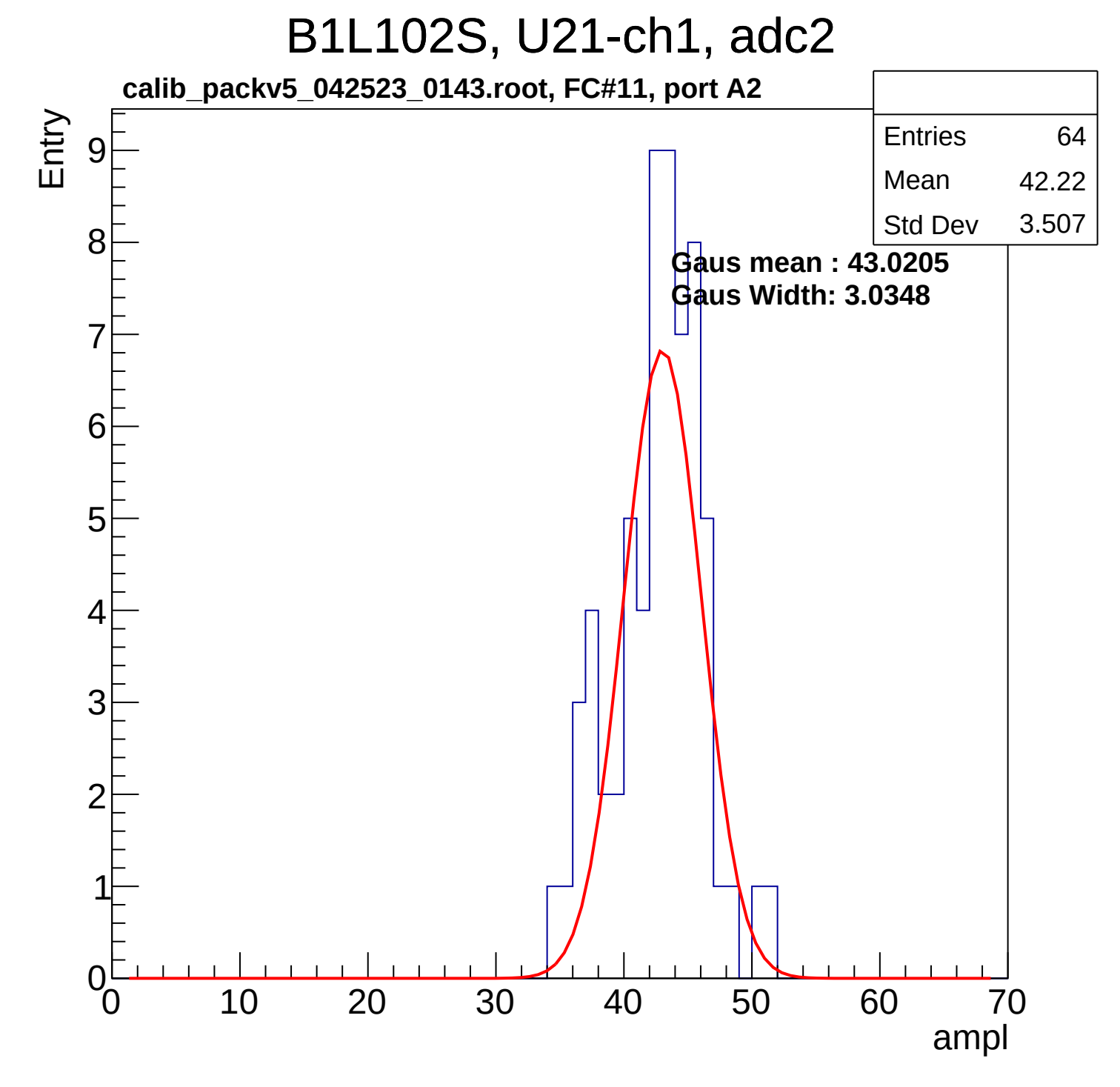
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch1, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 42.22
Std Dev 3.507
Gaus mean : 43.0205
Gaus Width: 3.0348
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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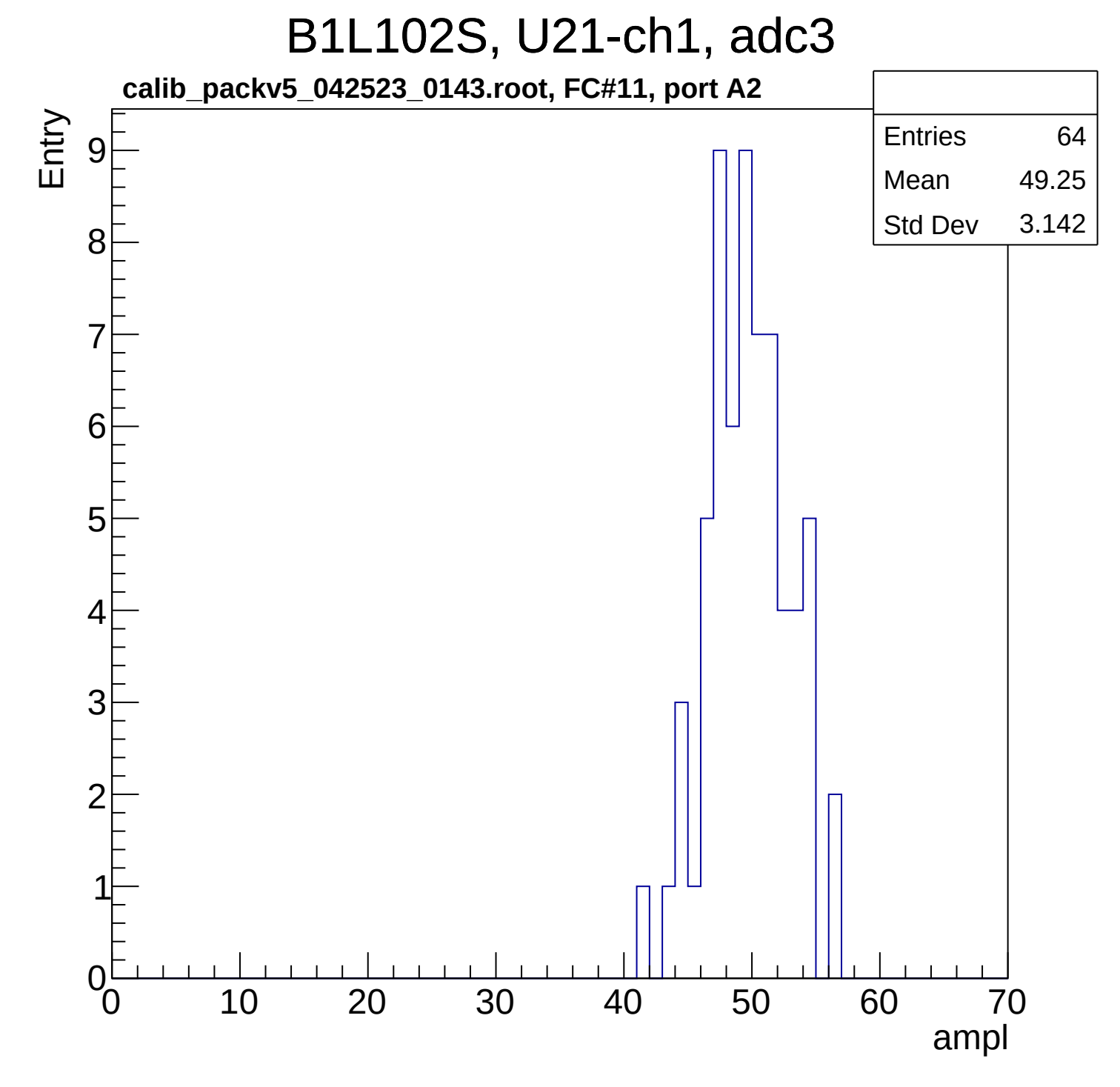
B1L102S, U21-ch1, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 49.25
Std Dev 3.142
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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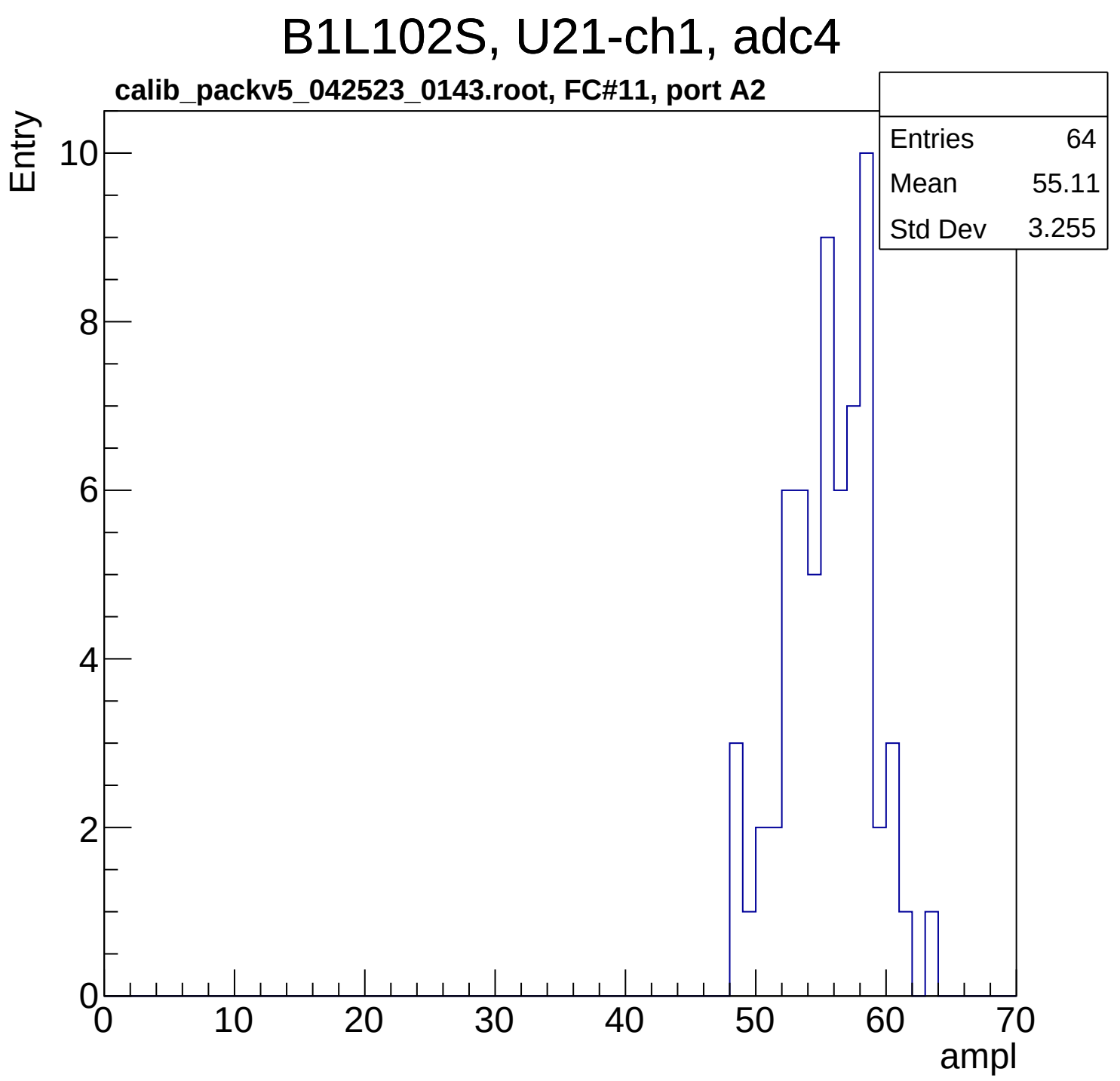
B1L102S, U21-ch1, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 55.11
Std Dev 3.255
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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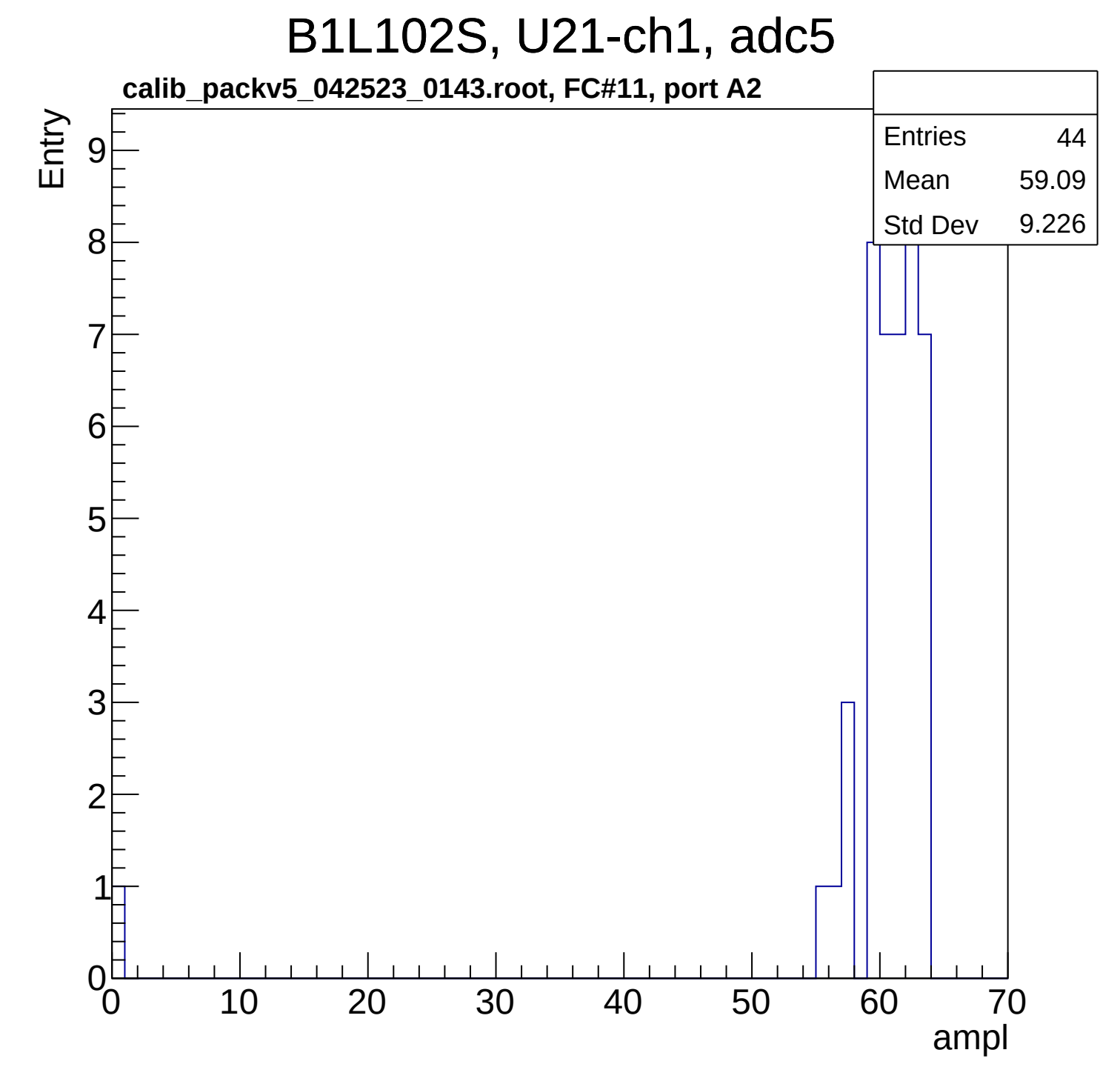
B1L102S, U21-ch1, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 44
Mean 59.09
Std Dev 9.226
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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60
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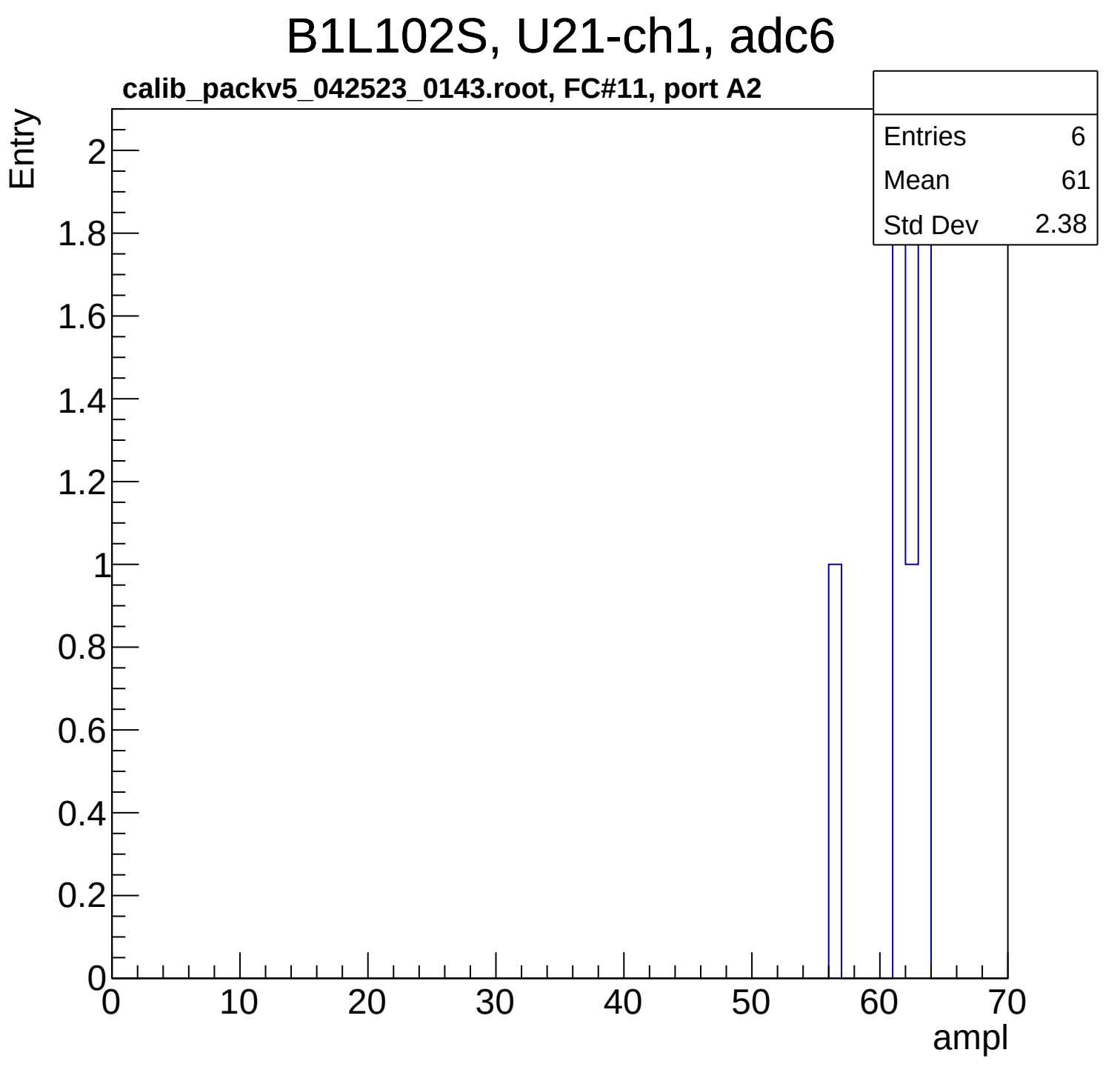
B1L102S, U21-ch1, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 6
Mean 61
Std Dev 2.38
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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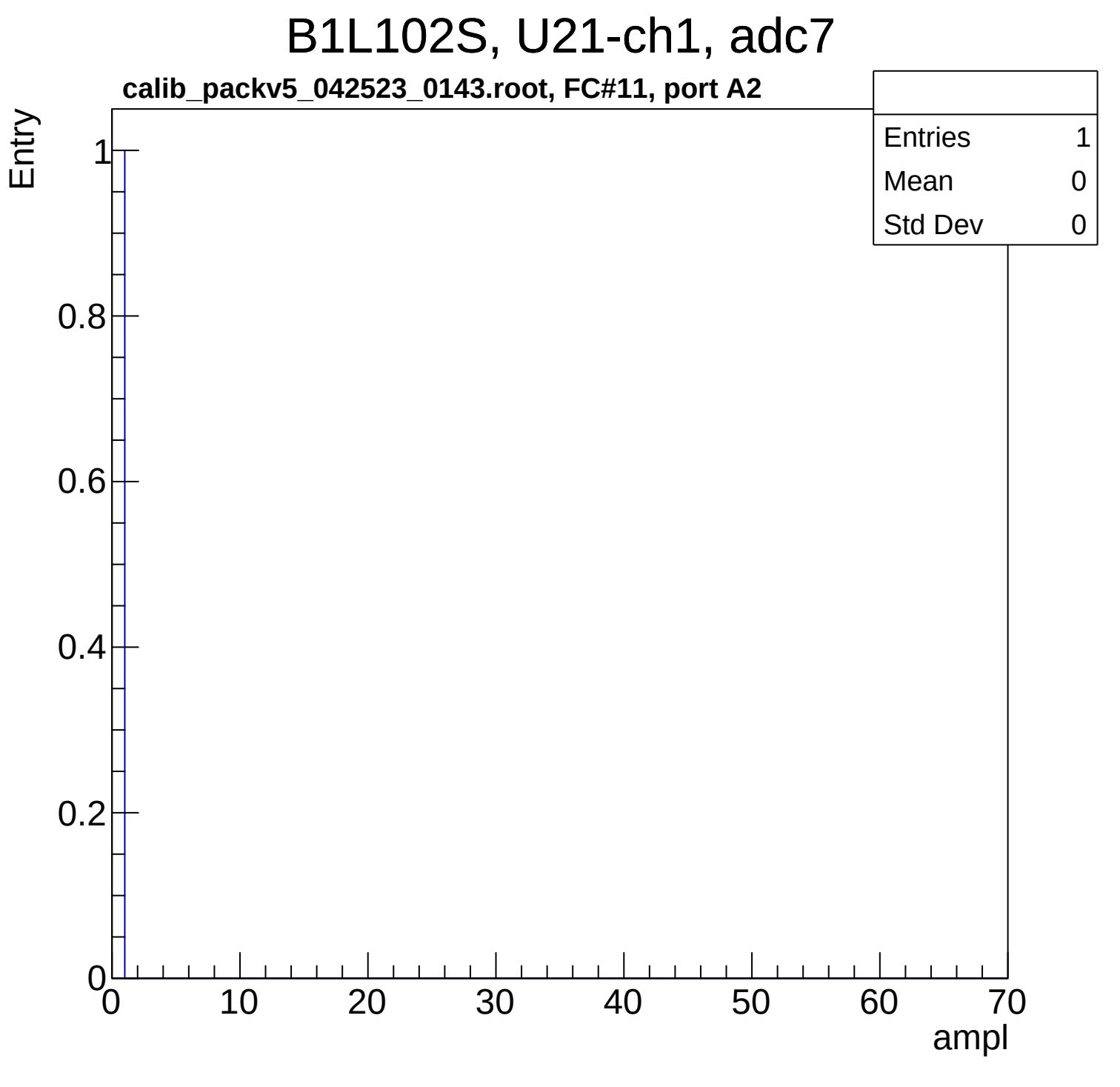
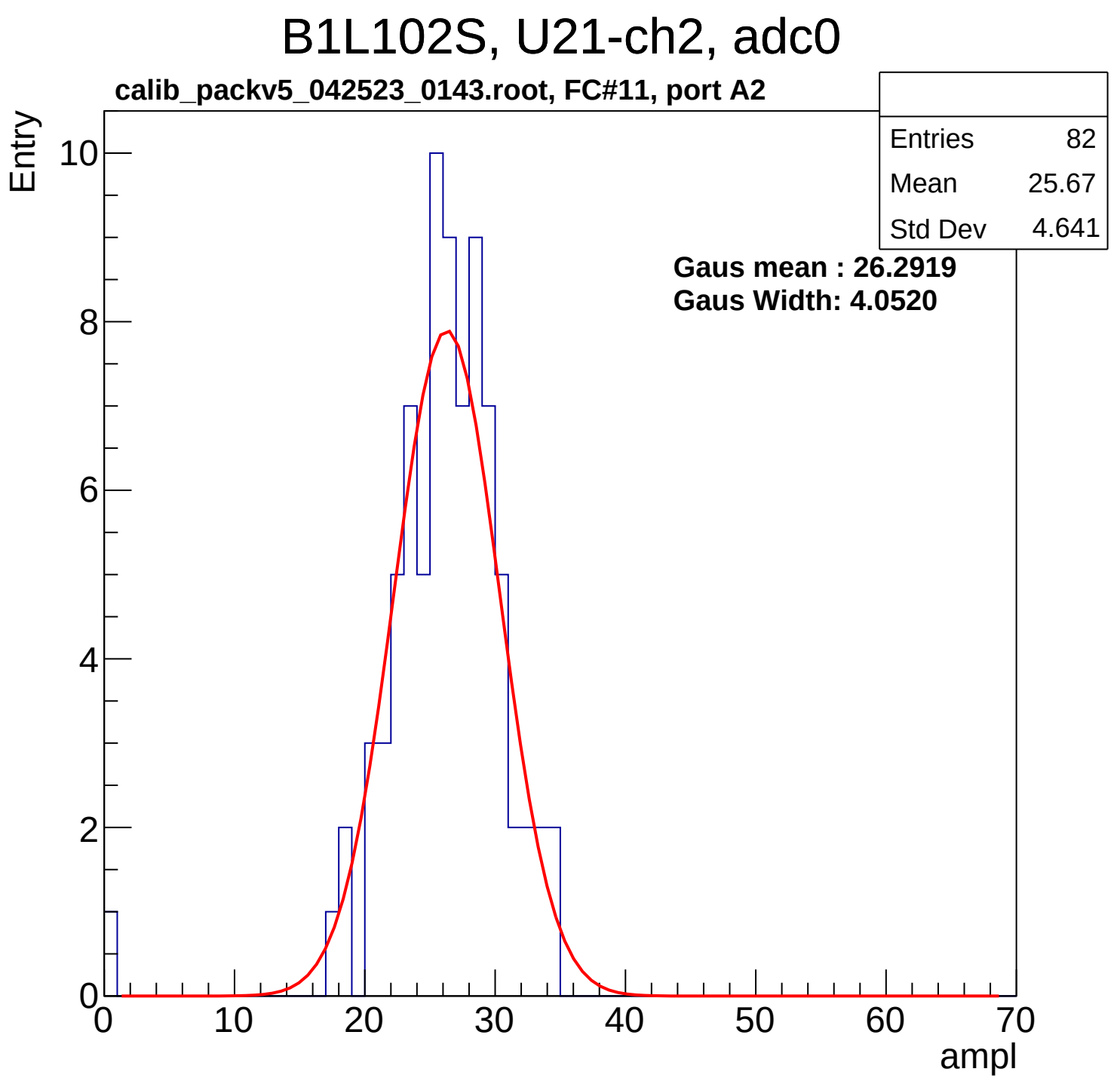
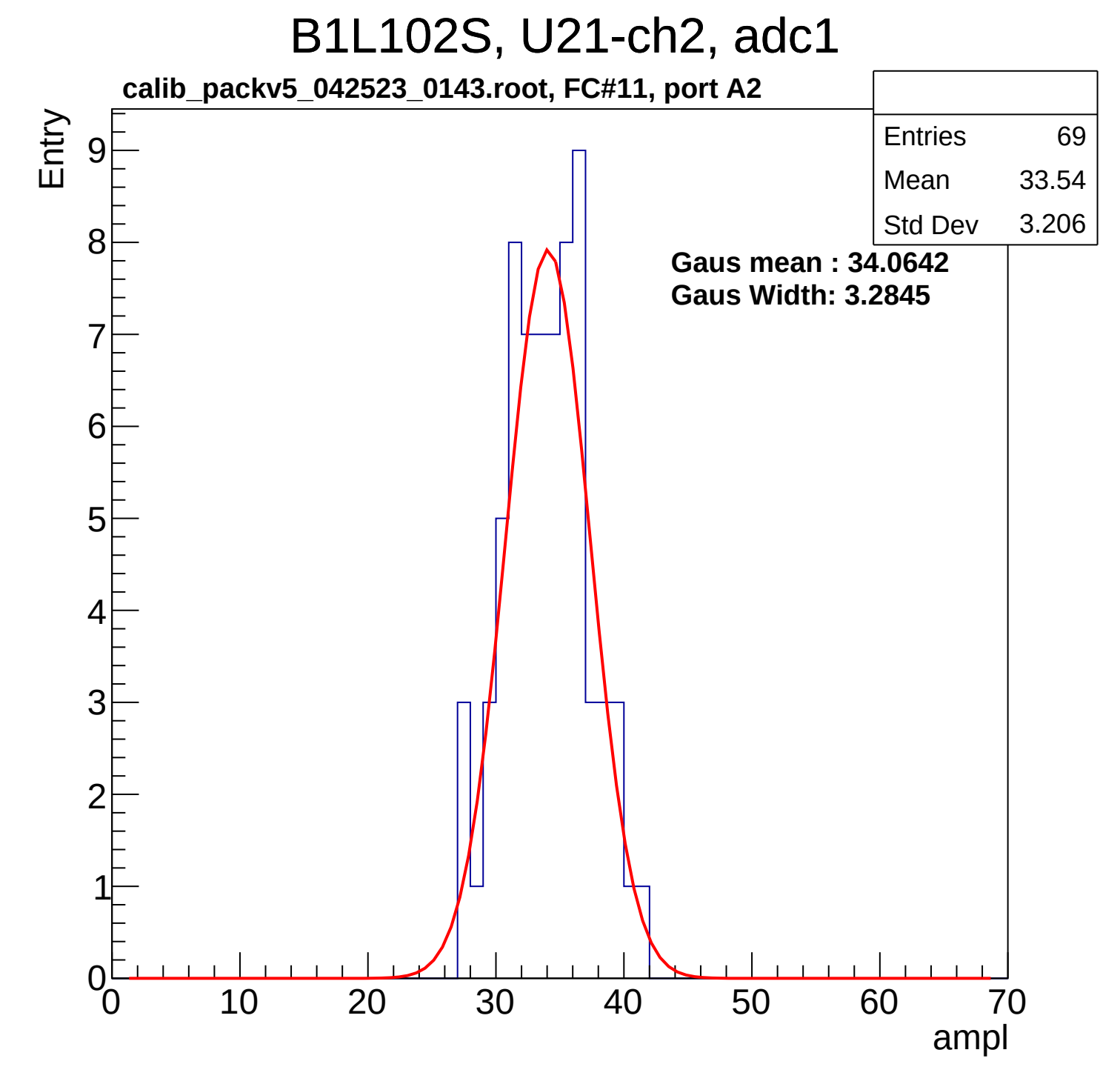
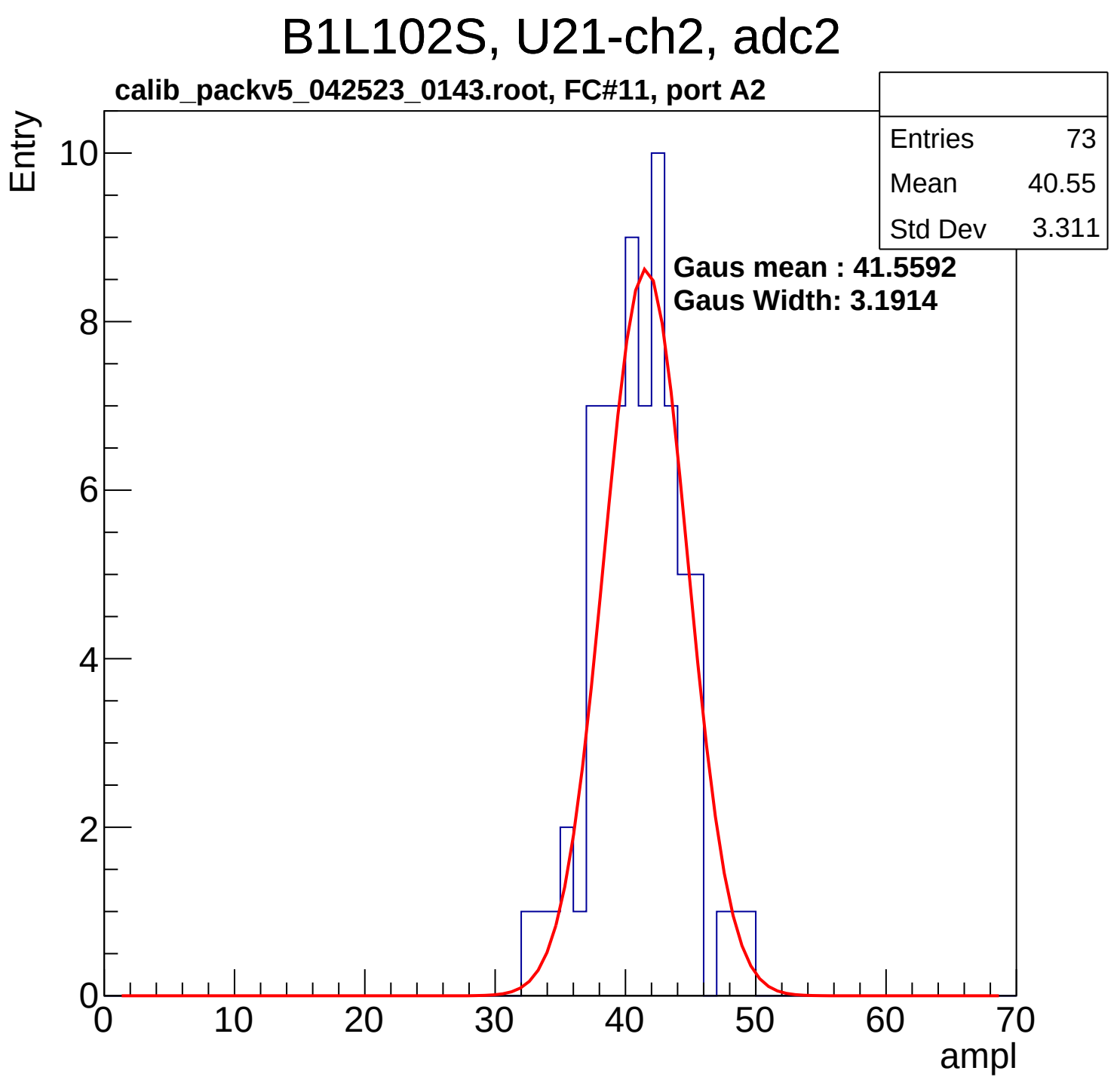

B1L102S, U21-ch1, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch2, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 82
Mean 25.67
Std Dev 4.641
Gaus mean : 26.2919
Gaus Width: 4.0520
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch2, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 33.54
Std Dev 3.206
Gaus mean : 34.0642
Gaus Width: 3.2845
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch2, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 40.55
Std Dev 3.311
Gaus mean : 41.5592
Gaus Width: 3.1914
Entry
ampl
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2
4
6
8
10
0
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20
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60
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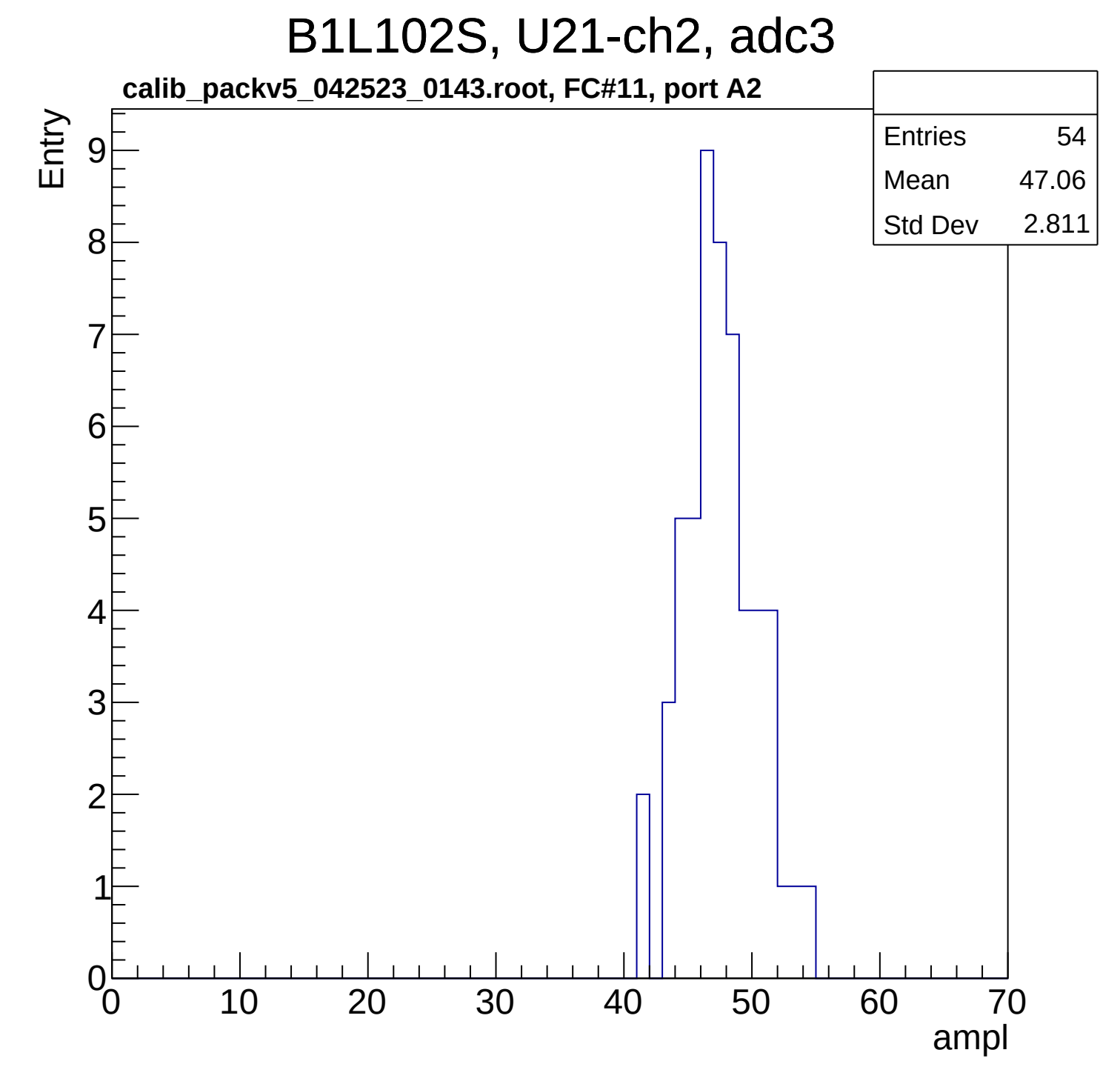
B1L102S, U21-ch2, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 47.06
Std Dev 2.811
Entry
ampl
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0
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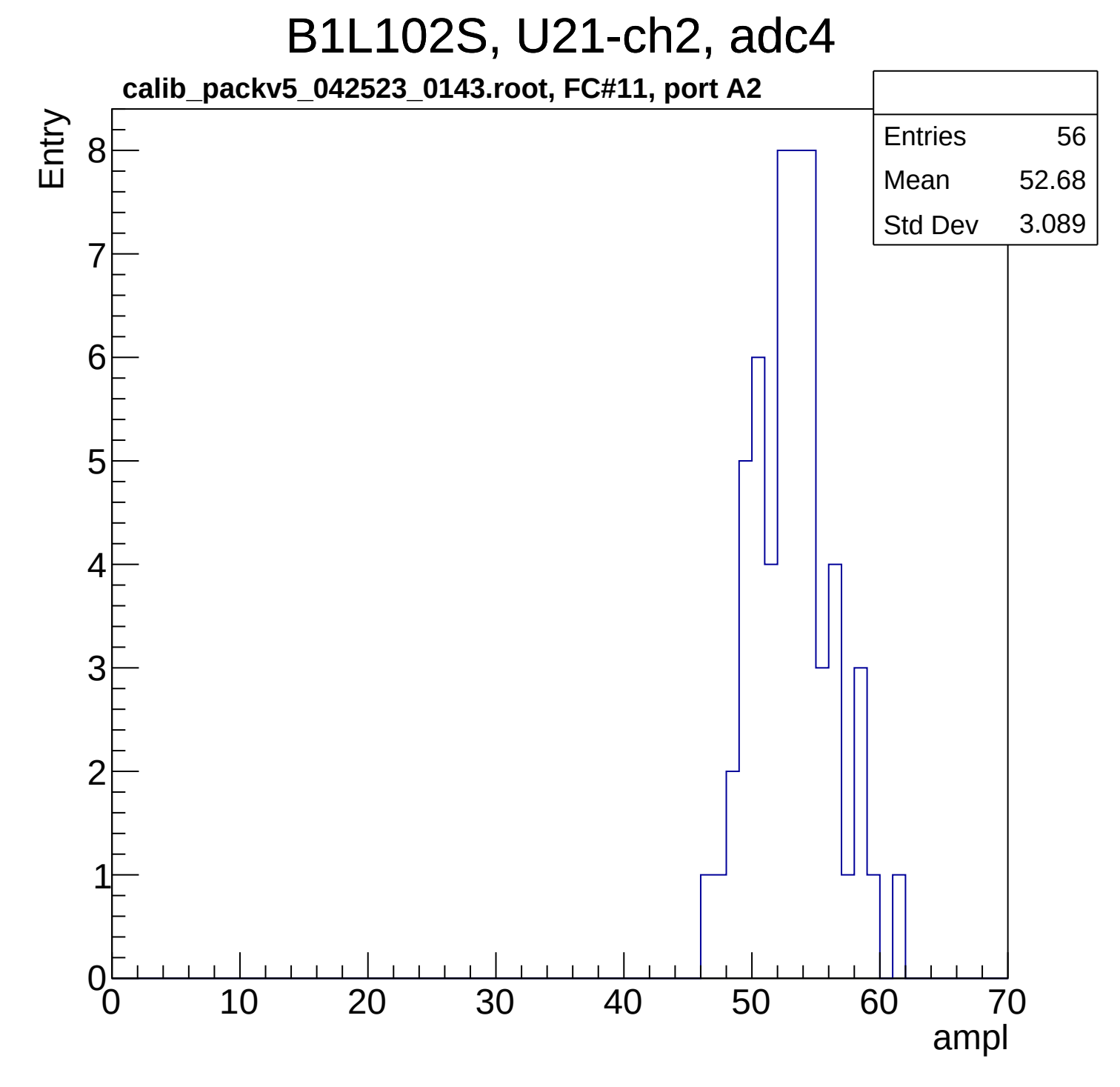
B1L102S, U21-ch2, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 52.68
Std Dev 3.089
Entry
ampl
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1
2
3
4
5
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7
8
0
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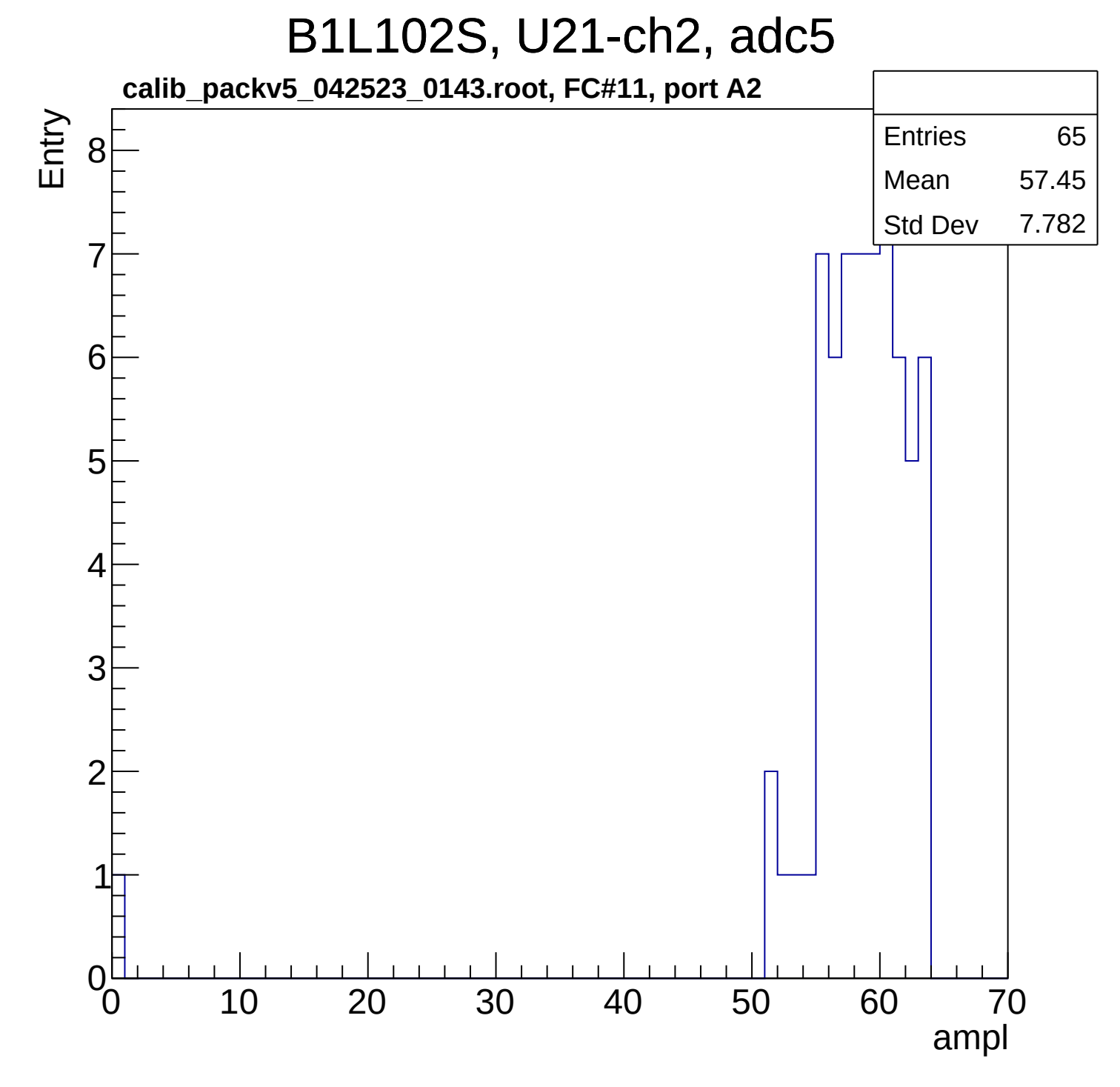
B1L102S, U21-ch2, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 57.45
Std Dev 7.782
Entry
ampl
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2
3
4
5
6
7
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0
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60
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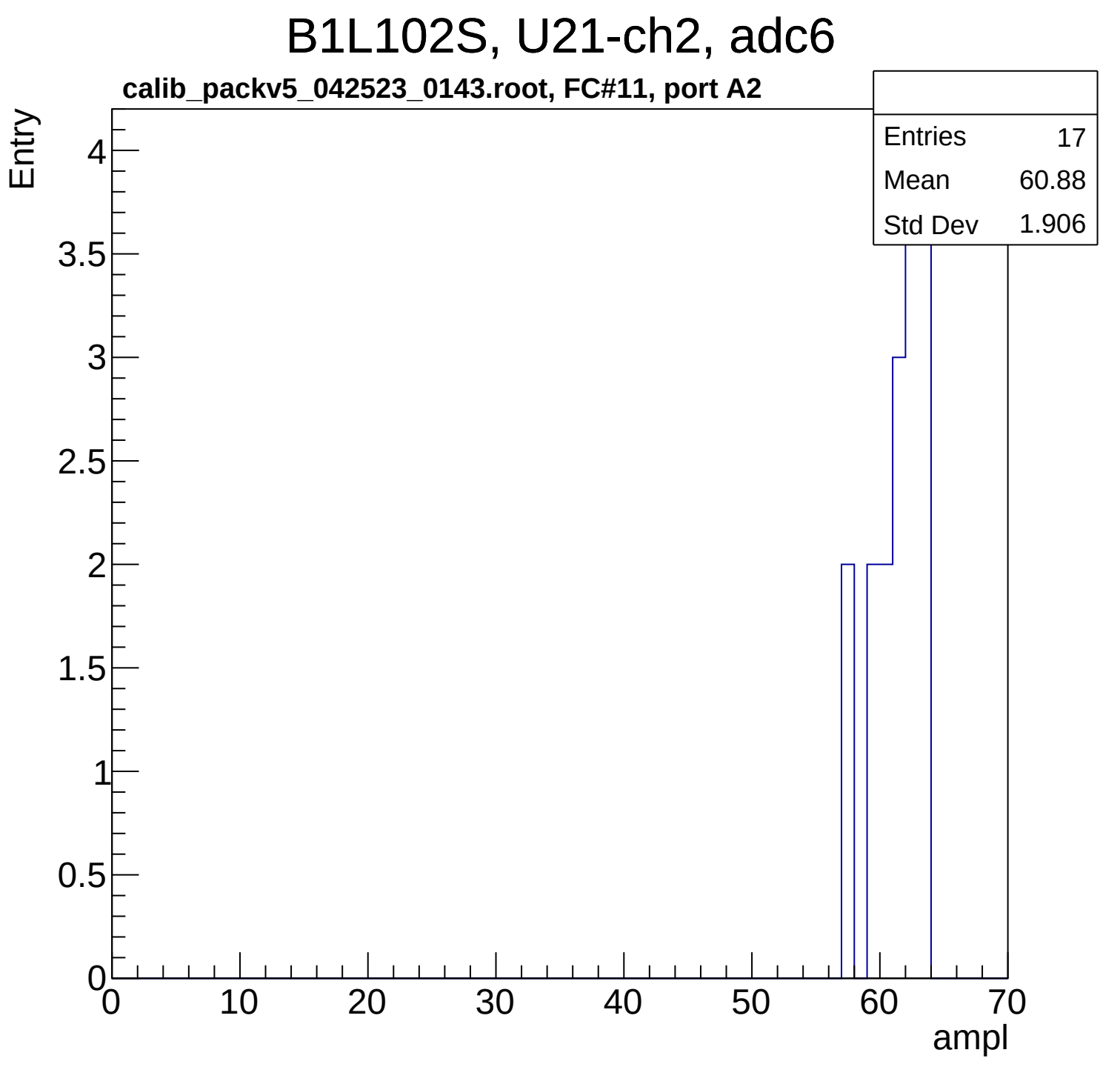
B1L102S, U21-ch2, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 17
Mean 60.88
Std Dev 1.906
Entry
ampl
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1.5
2
2.5
3
3.5
4
0
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60
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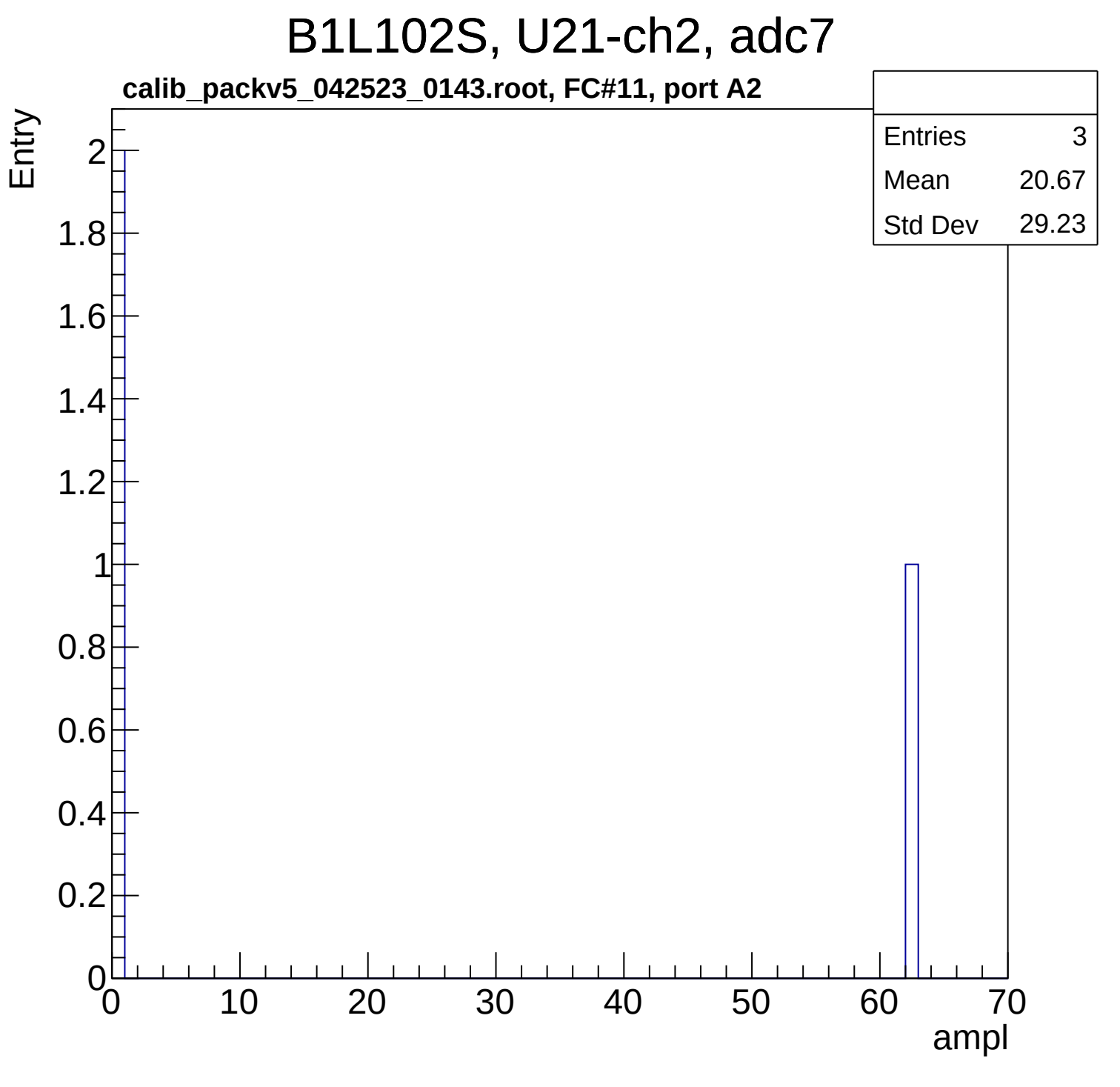
B1L102S, U21-ch2, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 20.67
Std Dev 29.23
Entry
ampl
0
0.2
0.4
0.6
0.8
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1.2
1.4
1.6
1.8
2
0
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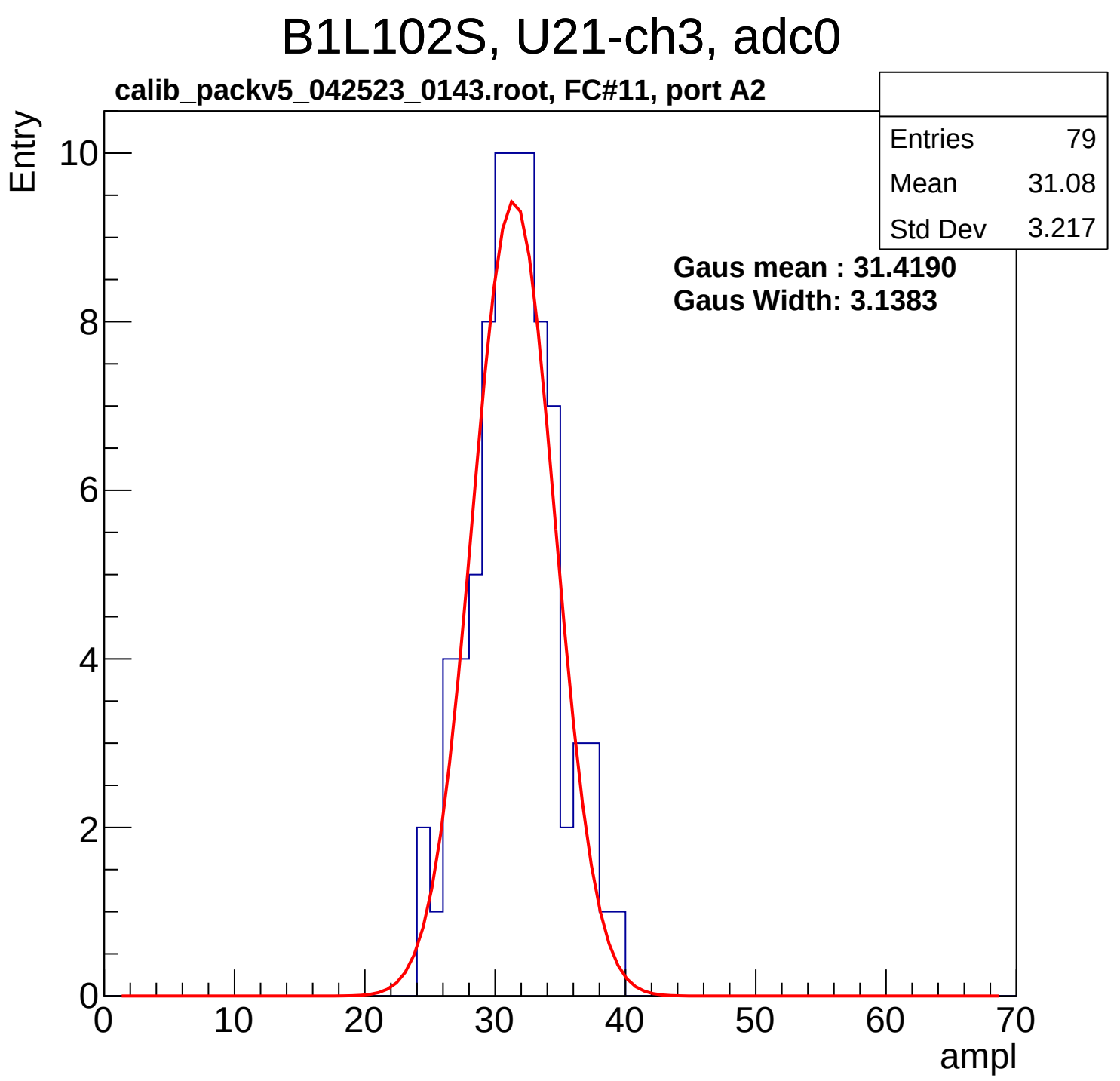
B1L102S, U21-ch3, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 31.08
Std Dev 3.217
Gaus mean : 31.4190
Gaus Width: 3.1383
Entry
ampl
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2
4
6
8
10
0
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20
30
40
50
60
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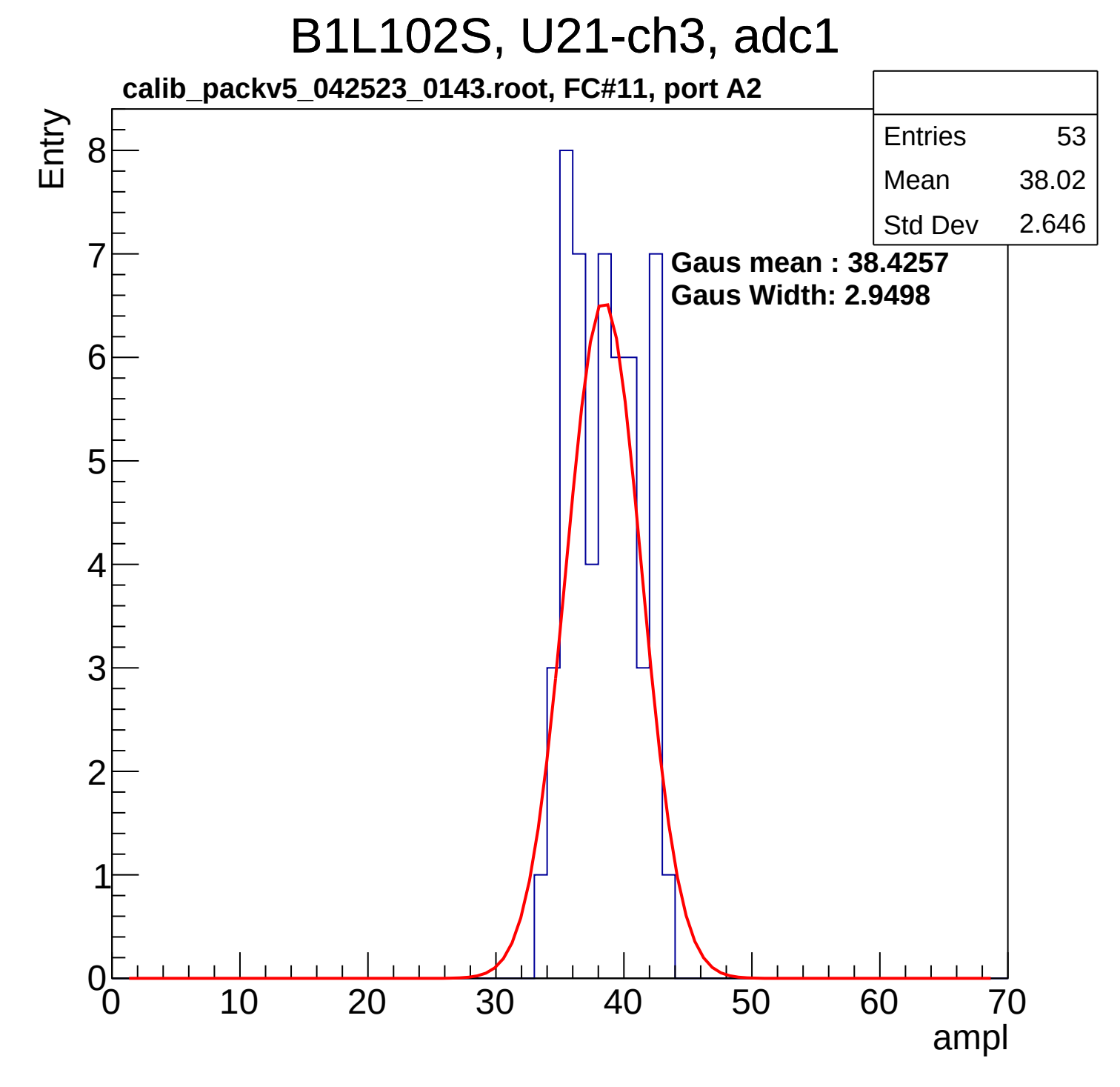
B1L102S, U21-ch3, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 53
Mean 38.02
Std Dev 2.646
Gaus mean : 38.4257
Gaus Width: 2.9498
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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60
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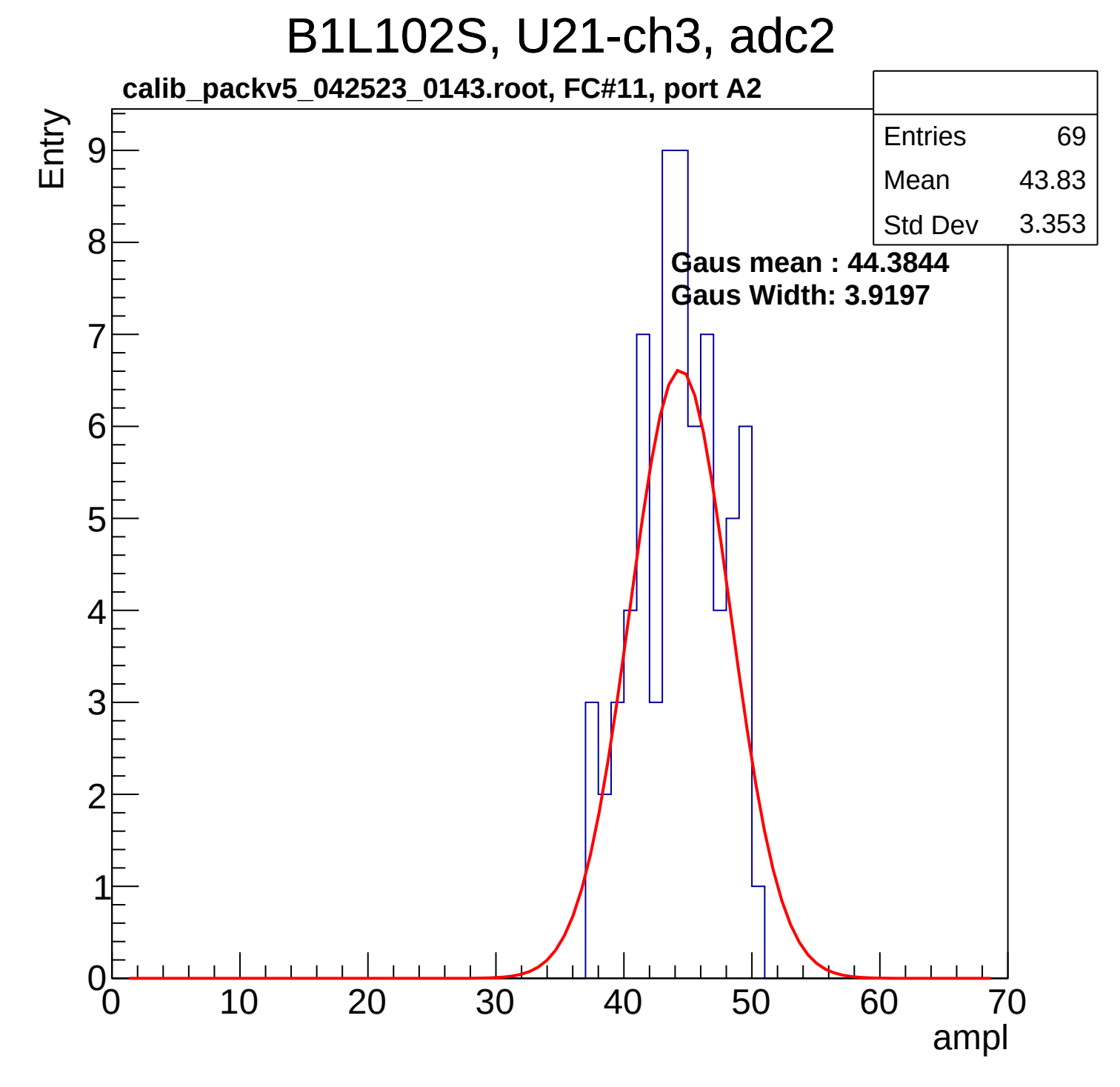
B1L102S, U21-ch3, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 43.83
Std Dev 3.353
Gaus mean : 44.3844
Gaus Width: 3.9197
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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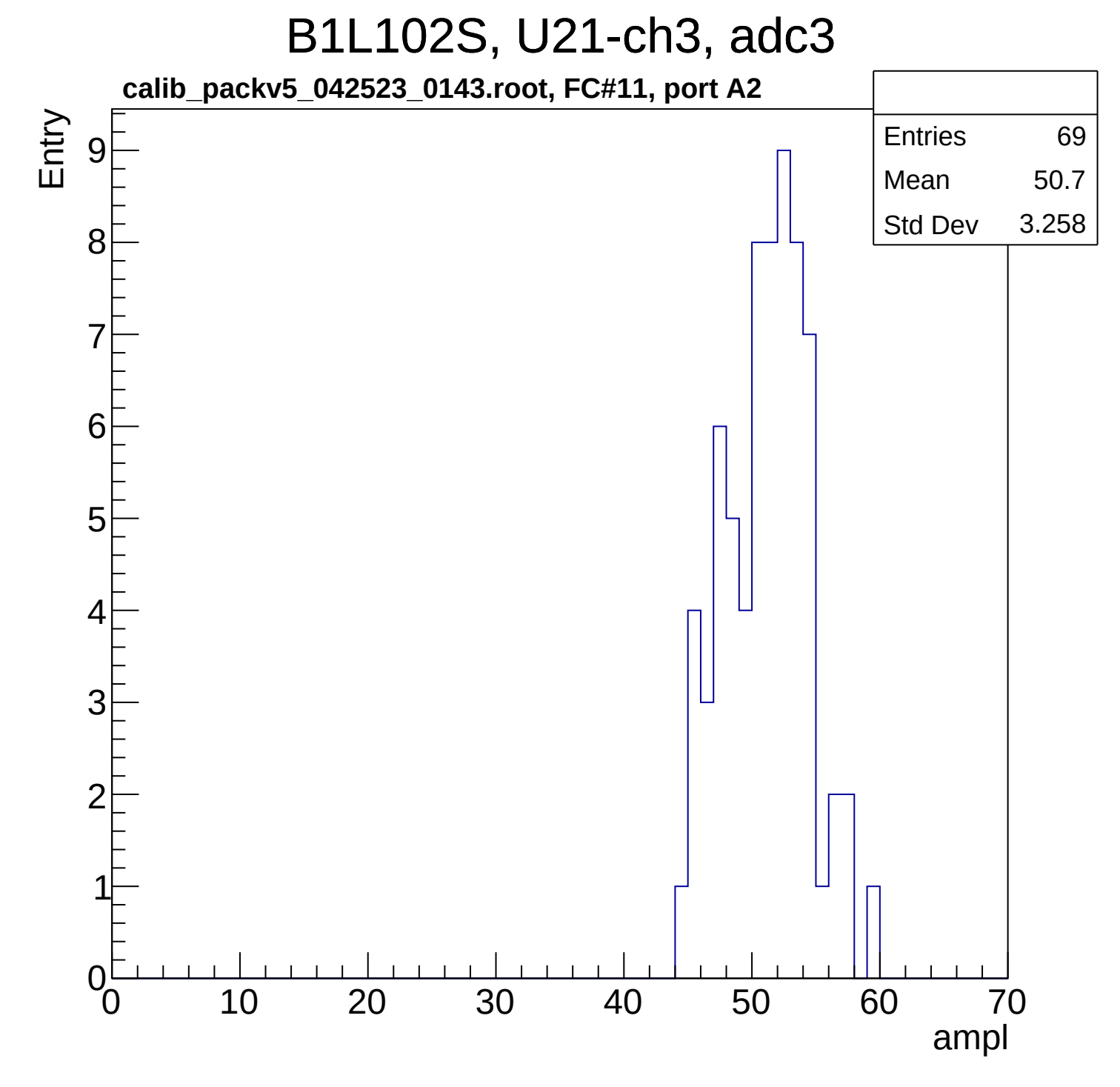
B1L102S, U21-ch3, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 50.7
Std Dev 3.258
Entry
ampl
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3
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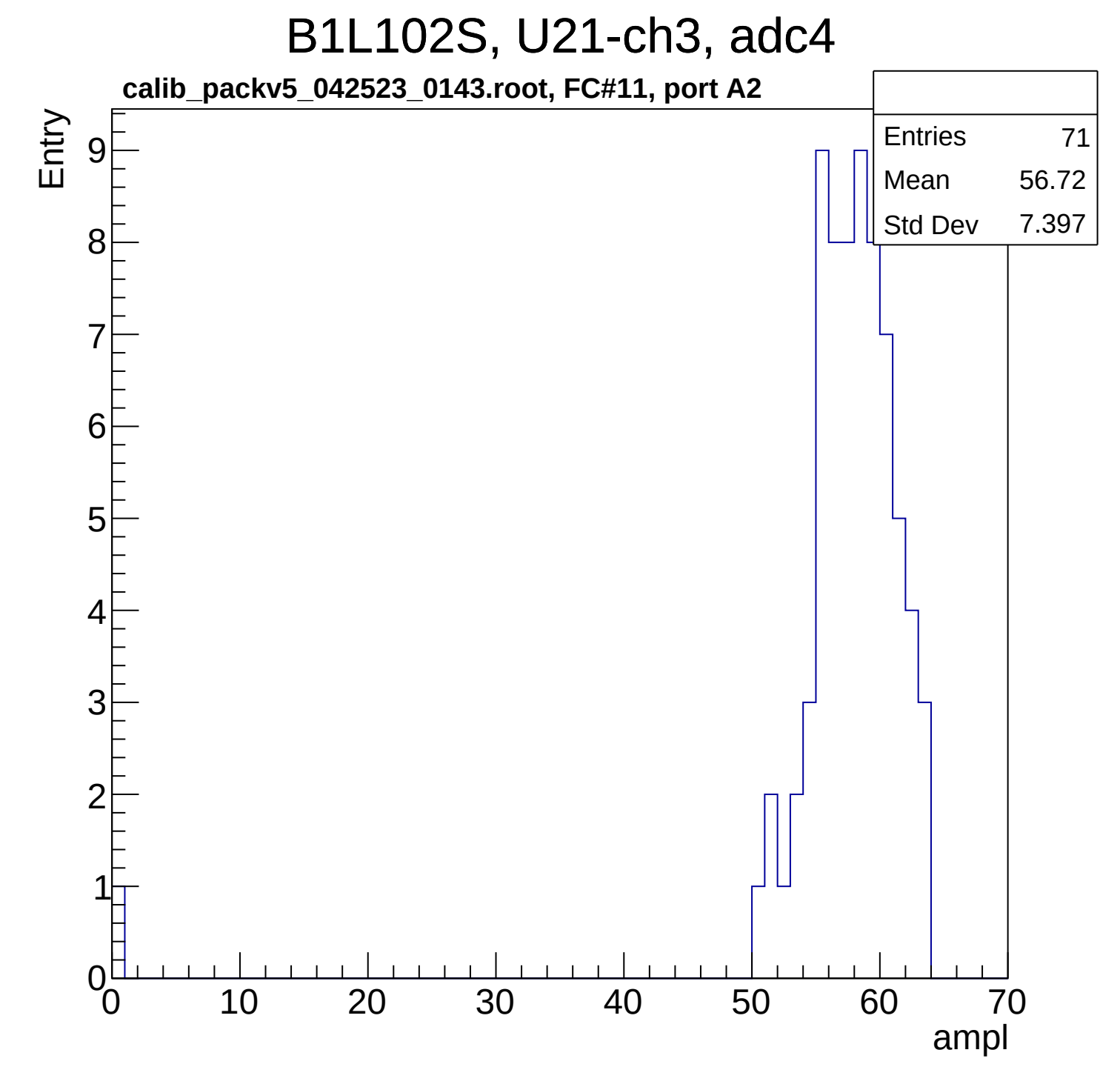
B1L102S, U21-ch3, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 56.72
Std Dev 7.397
Entry
ampl
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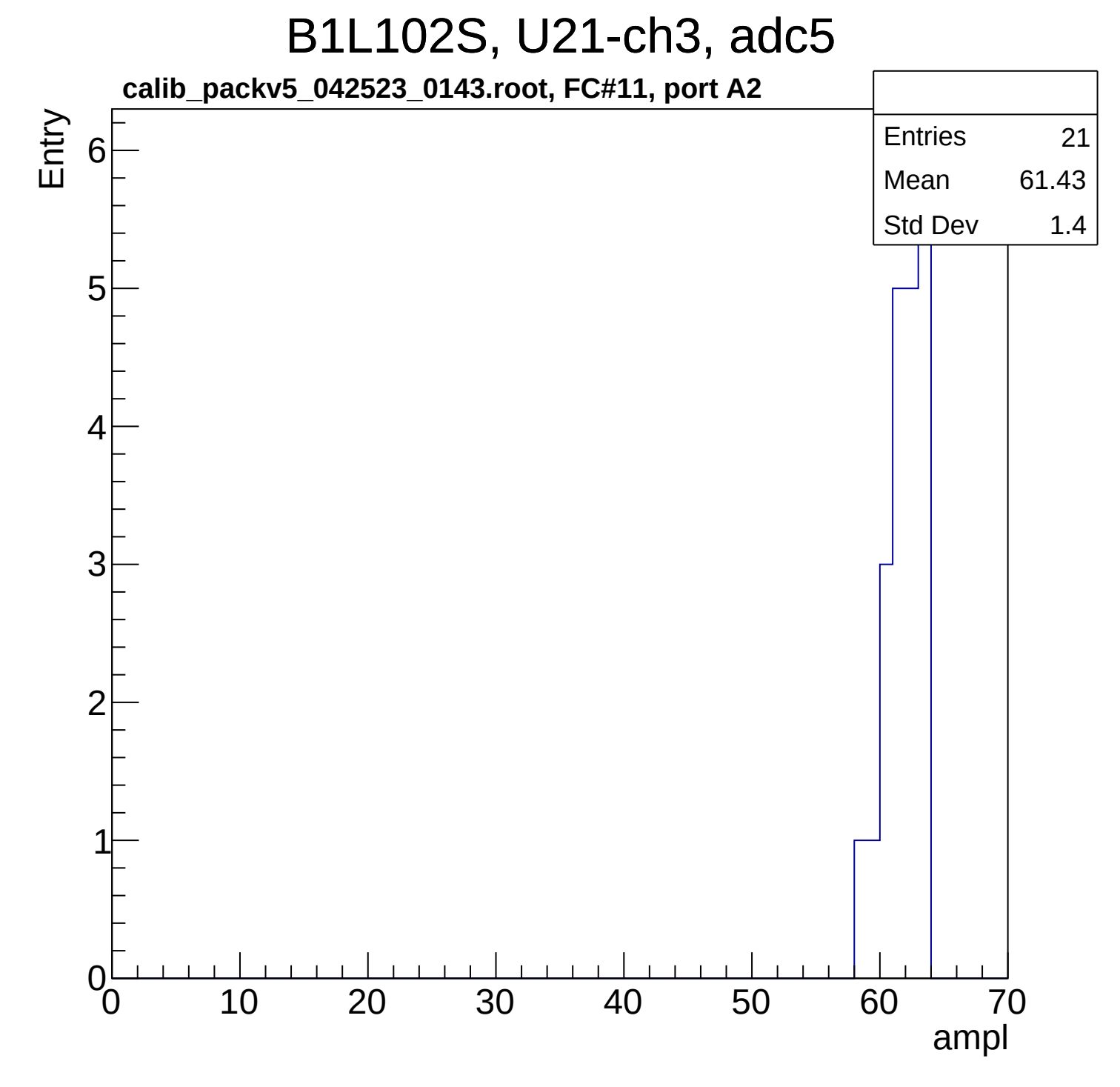
B1L102S, U21-ch3, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 21
Mean 61.43
Std Dev 1.4
Entry
ampl
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1
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40
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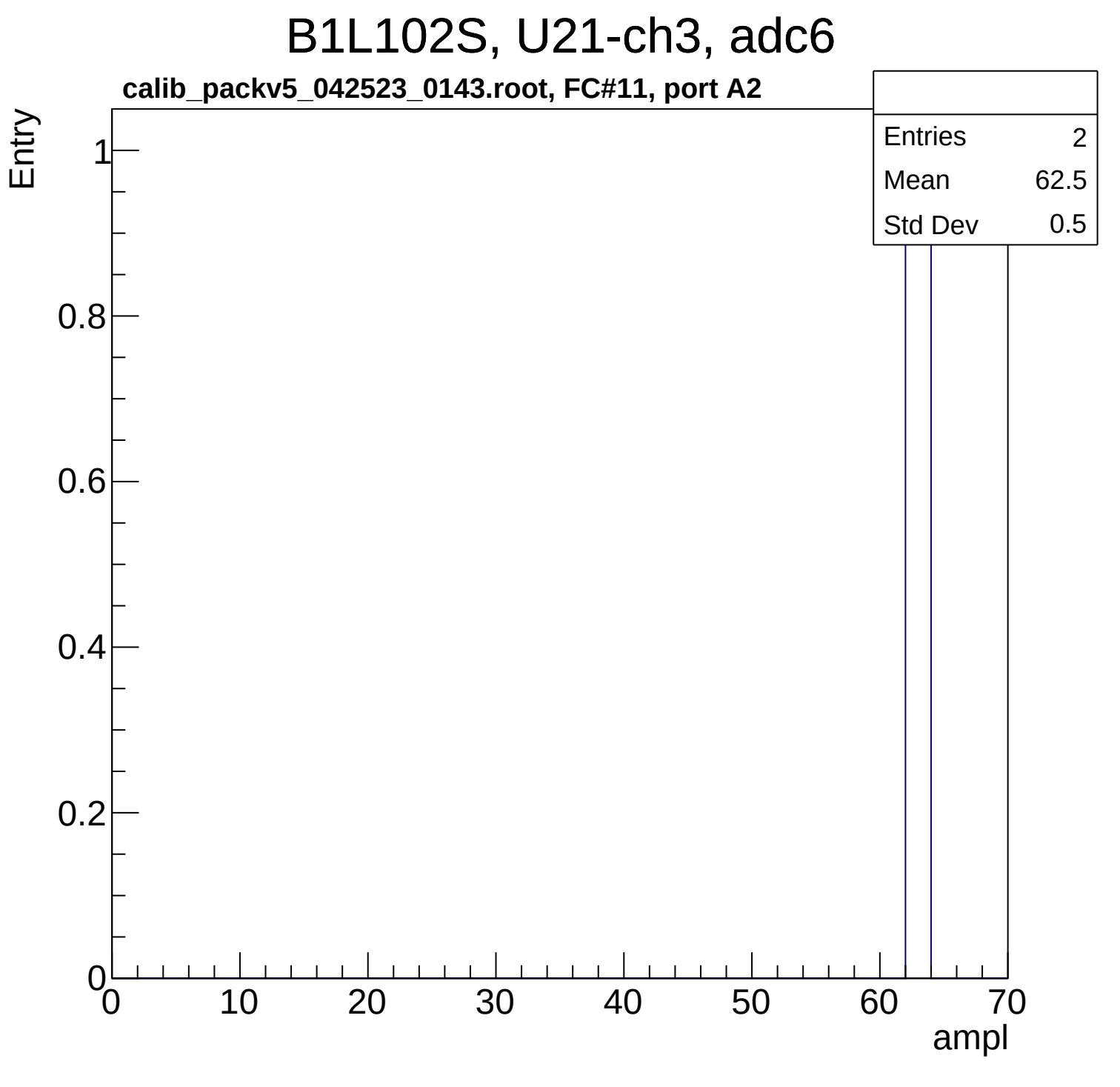
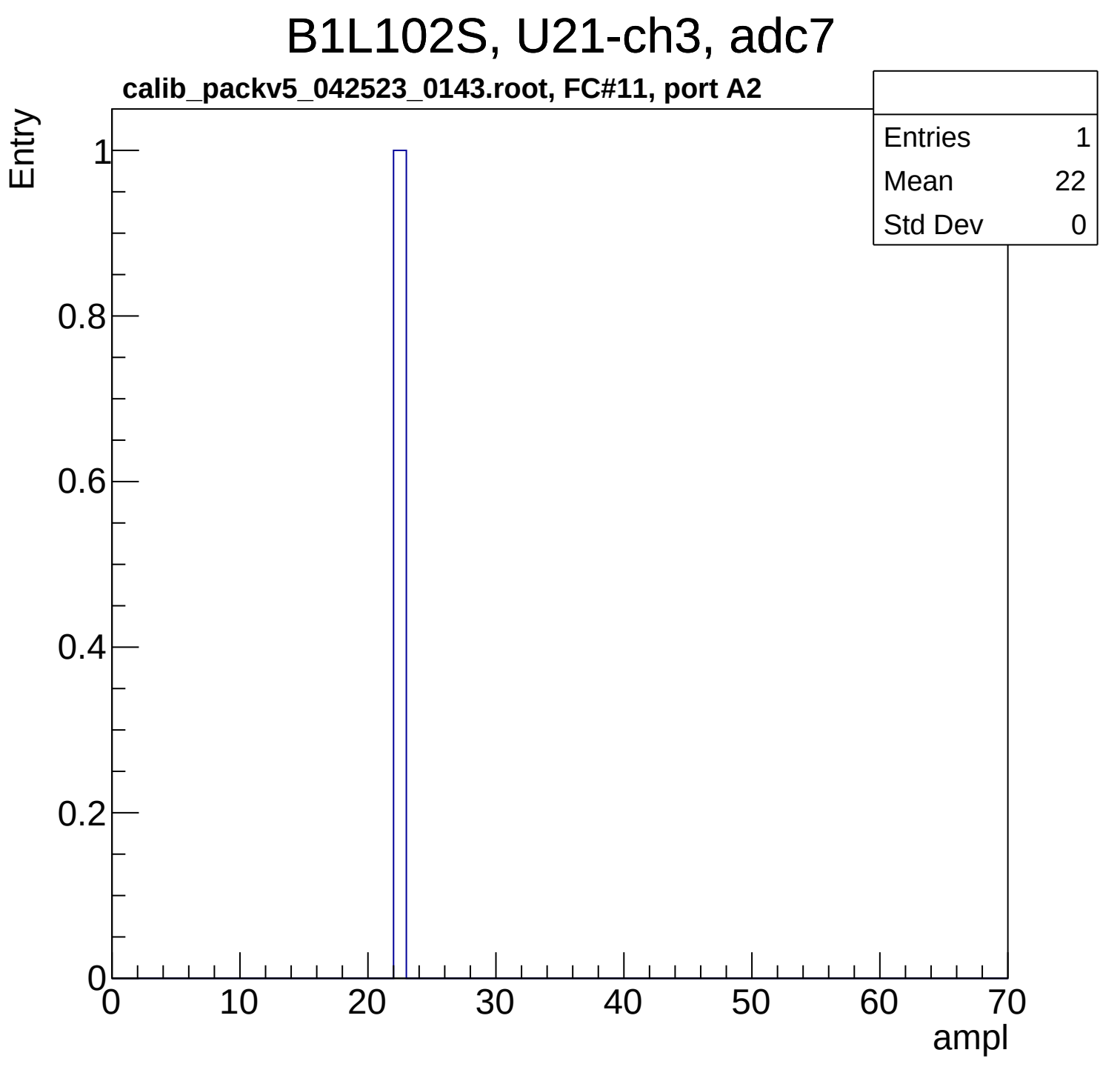
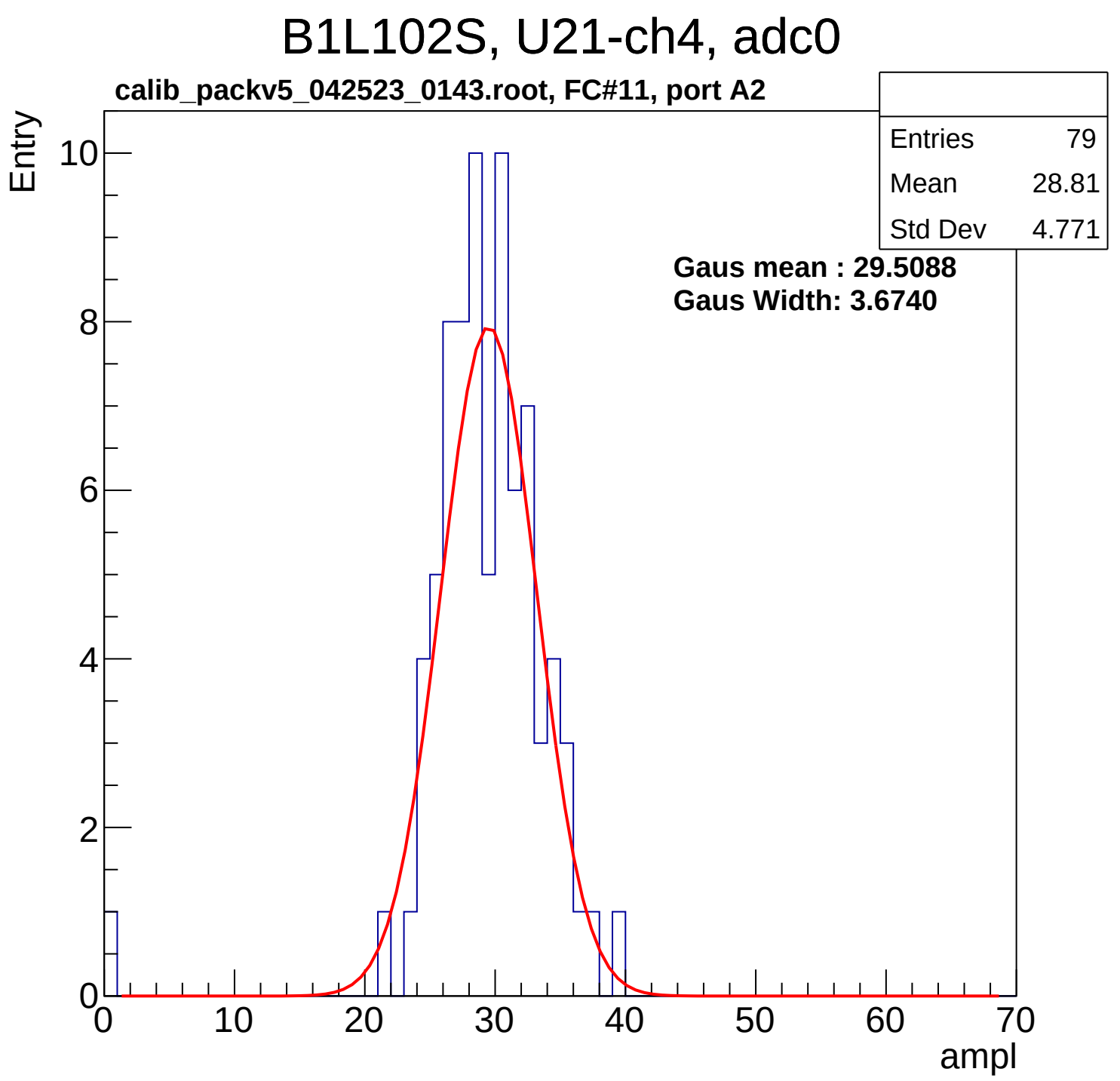
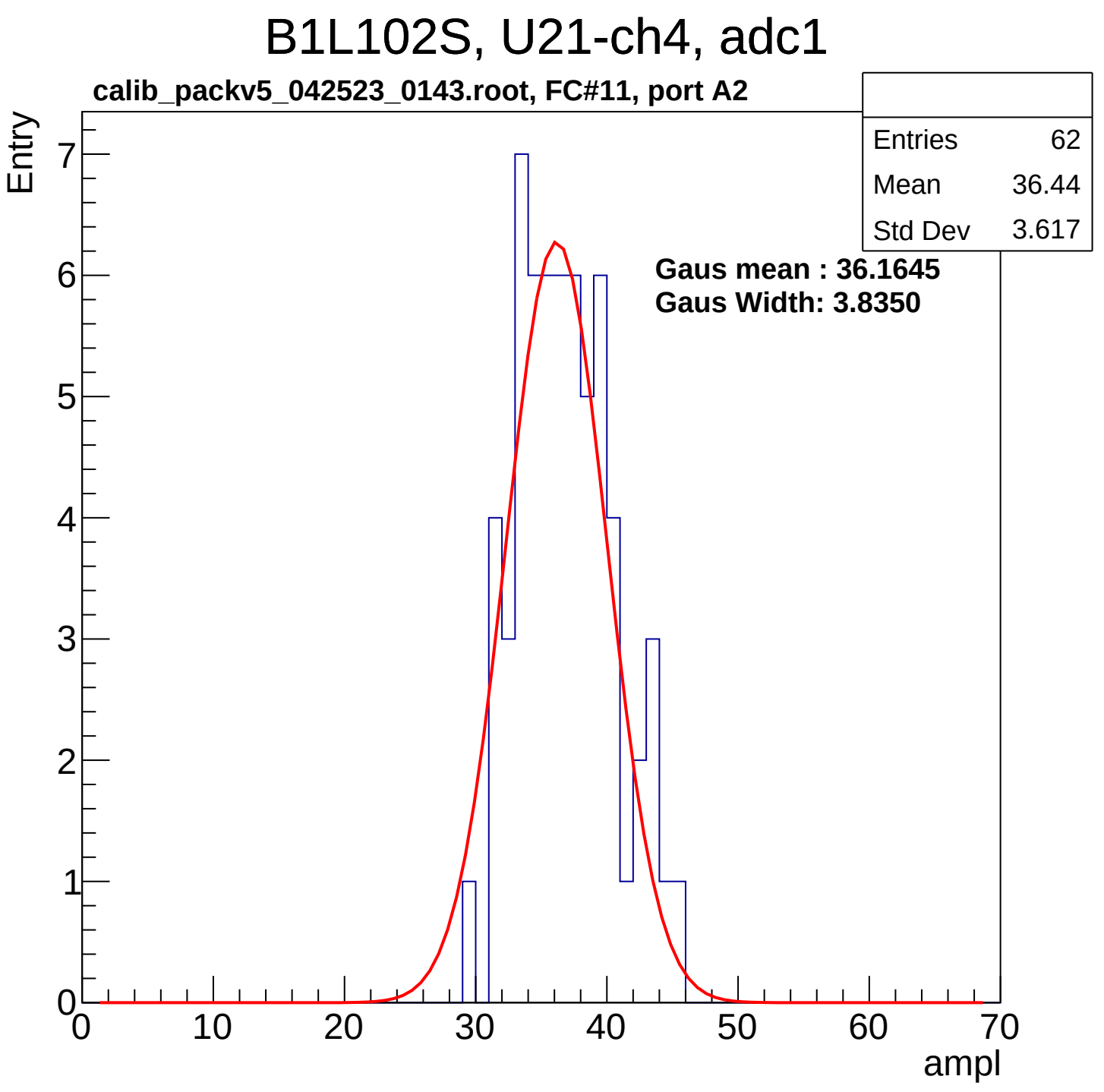
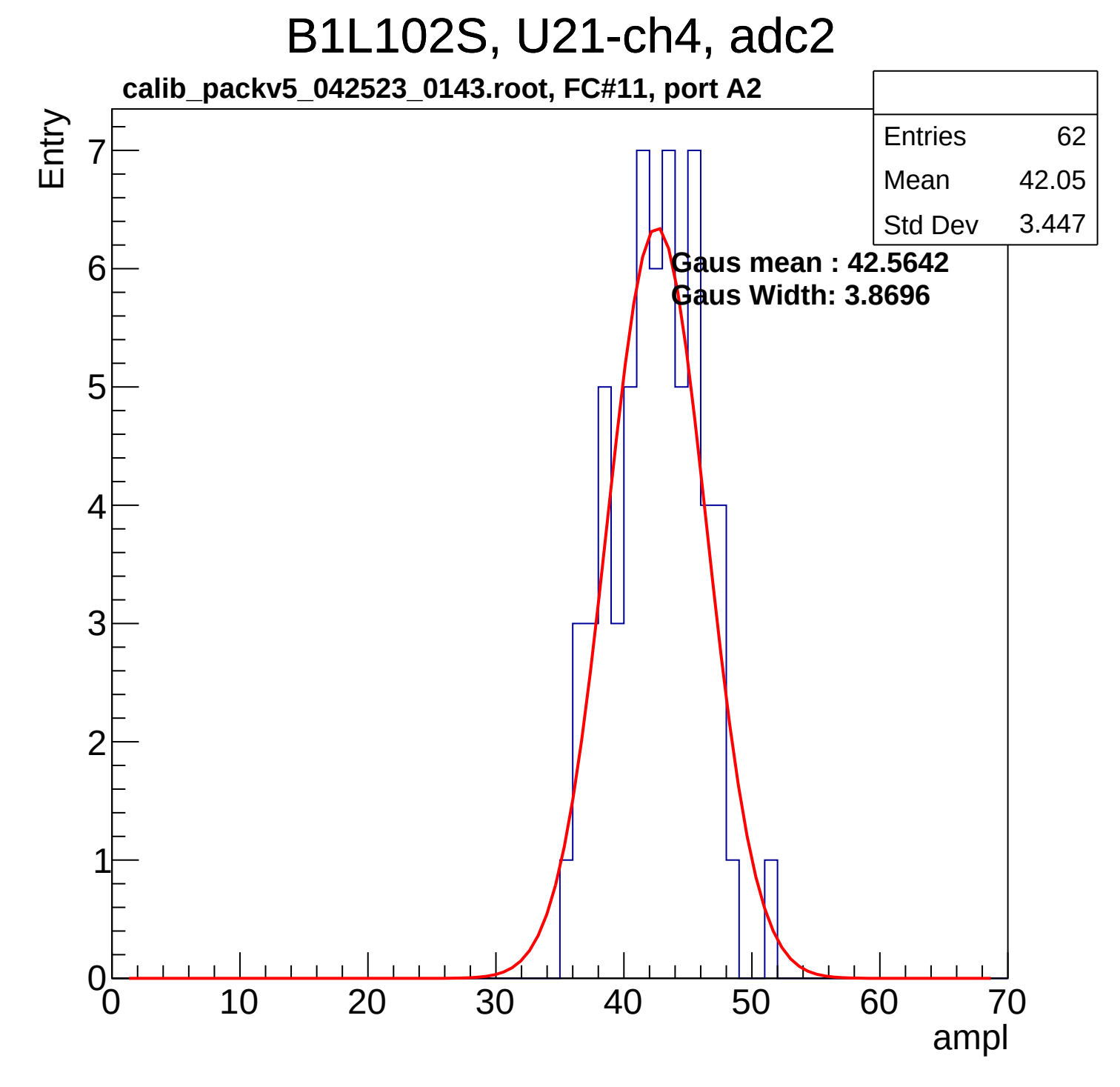
60
70

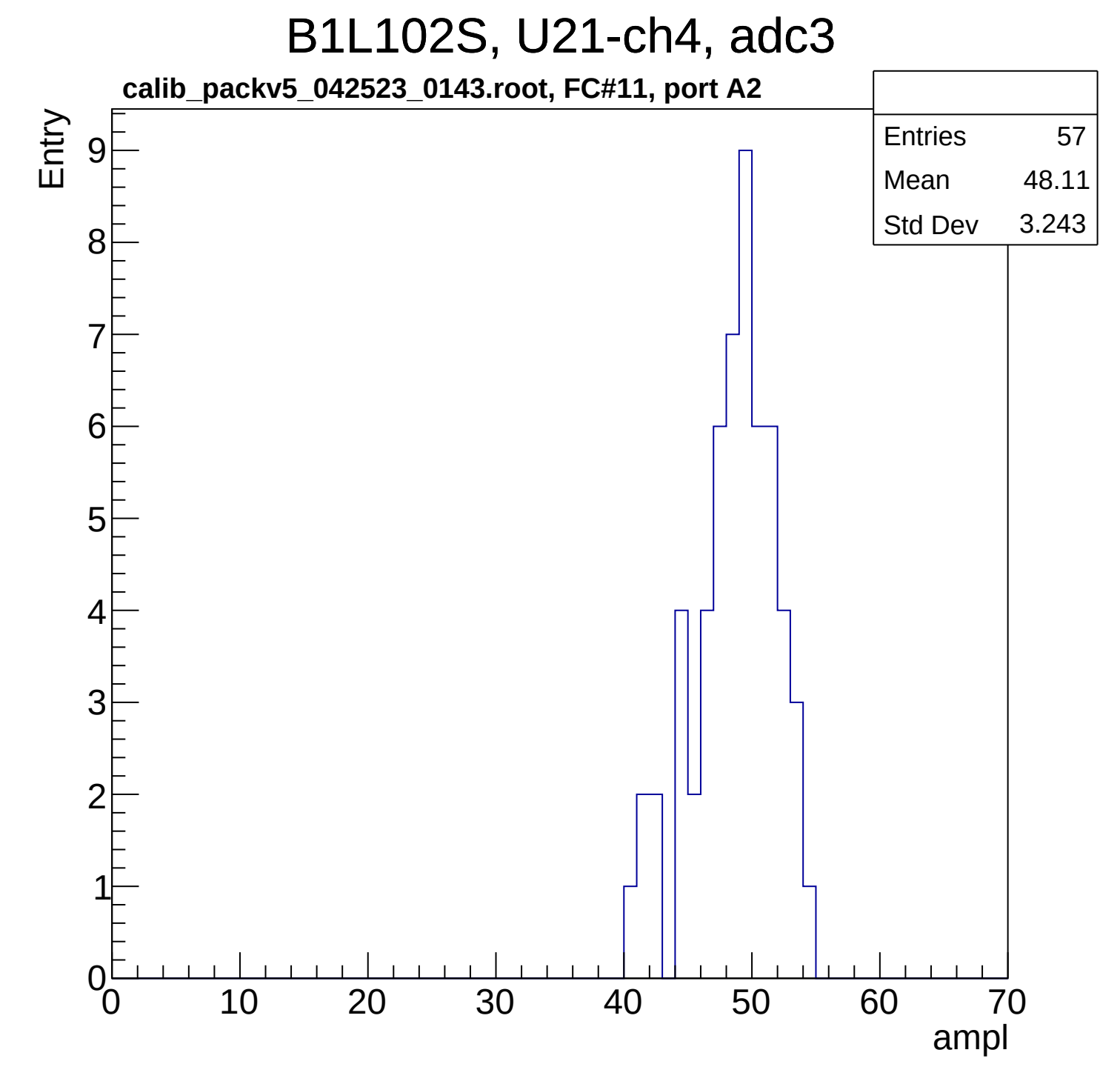

B1L102S, U21-ch3, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

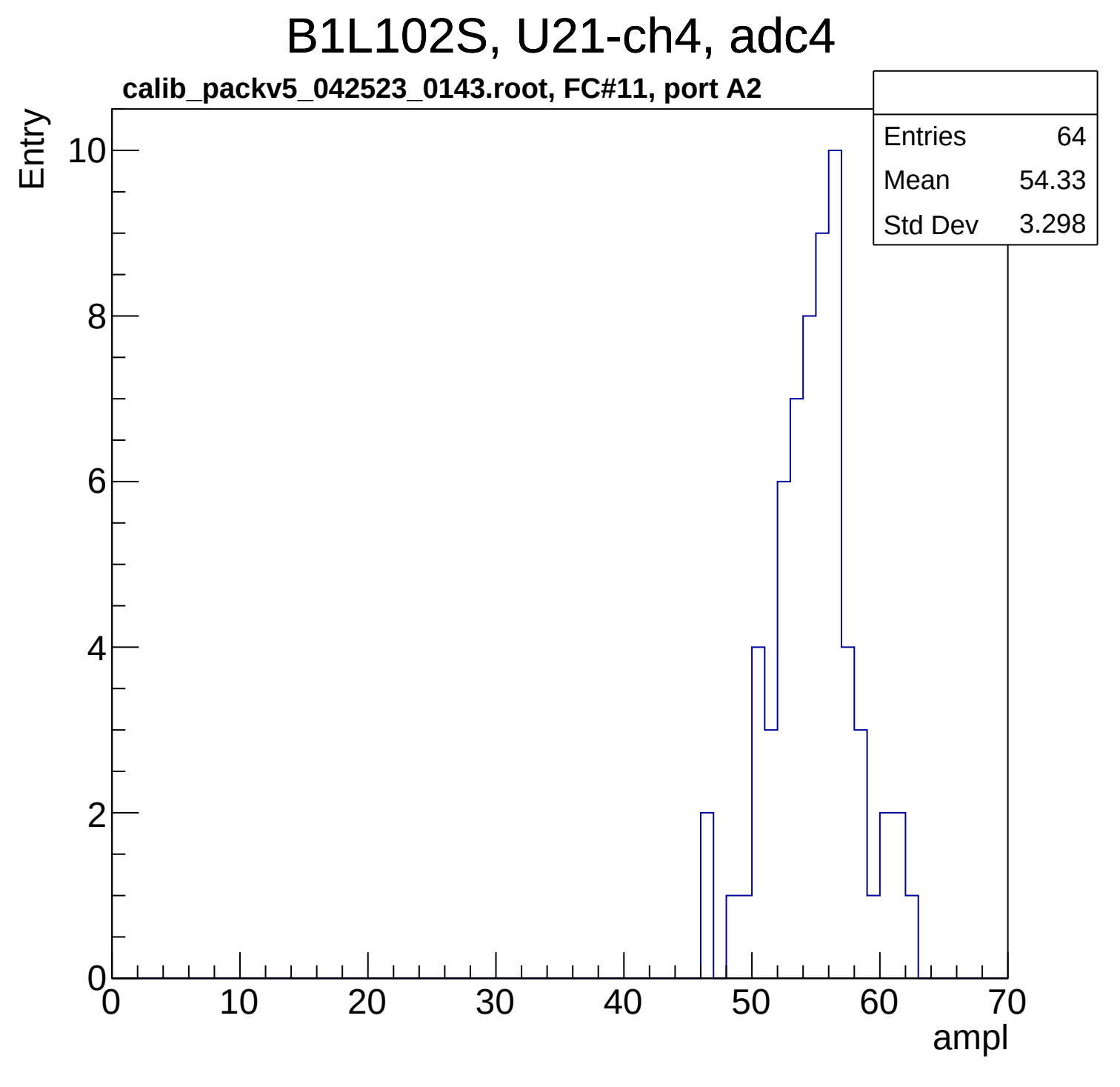

B1L102S, U21-ch3, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 22
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

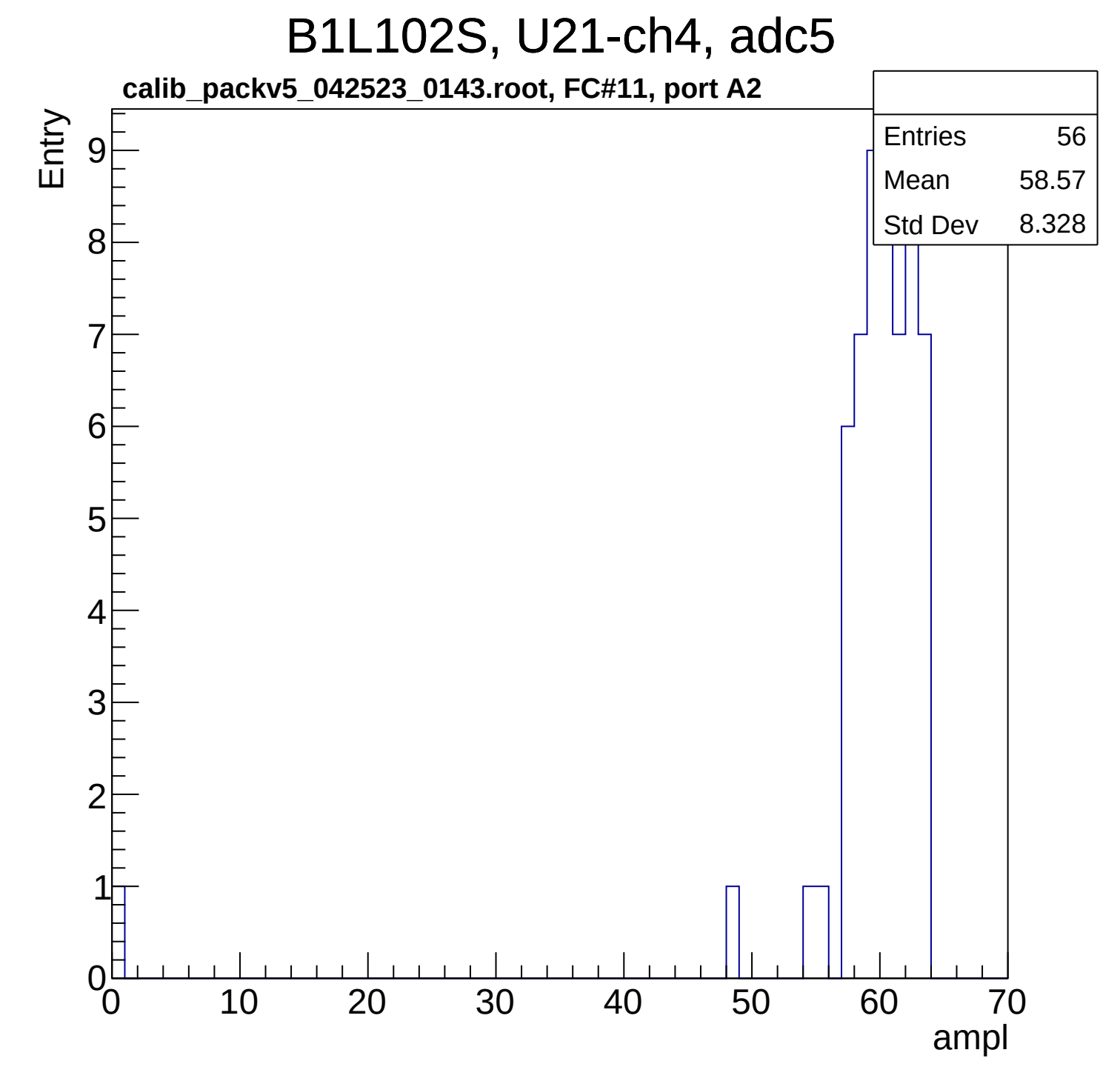

B1L102S, U21-ch4, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 28.81
Std Dev 4.771
Gaus mean : 29.5088
Gaus Width: 3.6740
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

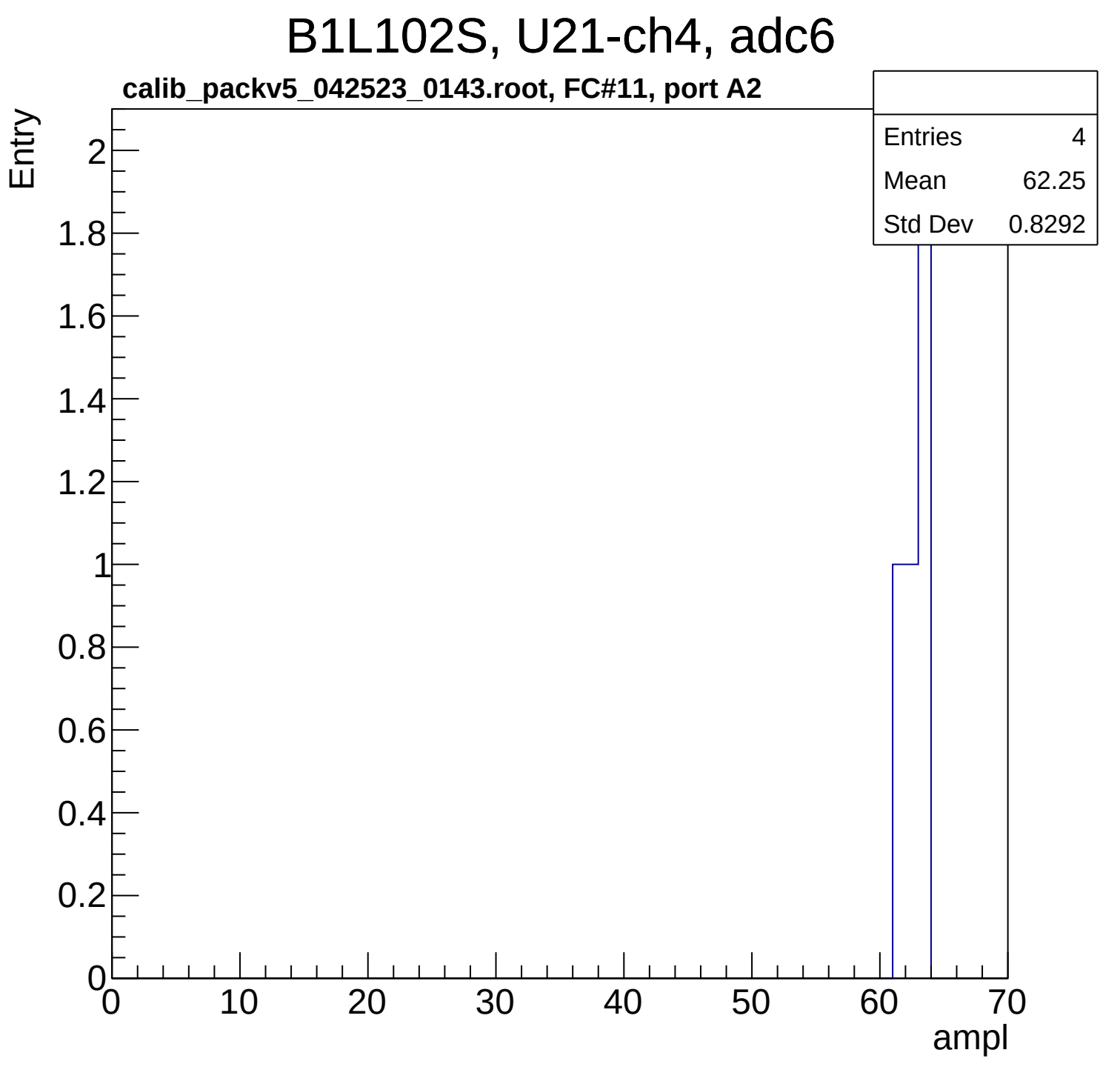

B1L102S, U21-ch4, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 36.44
Std Dev 3.617
Gaus mean : 36.1645
Gaus Width: 3.8350
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

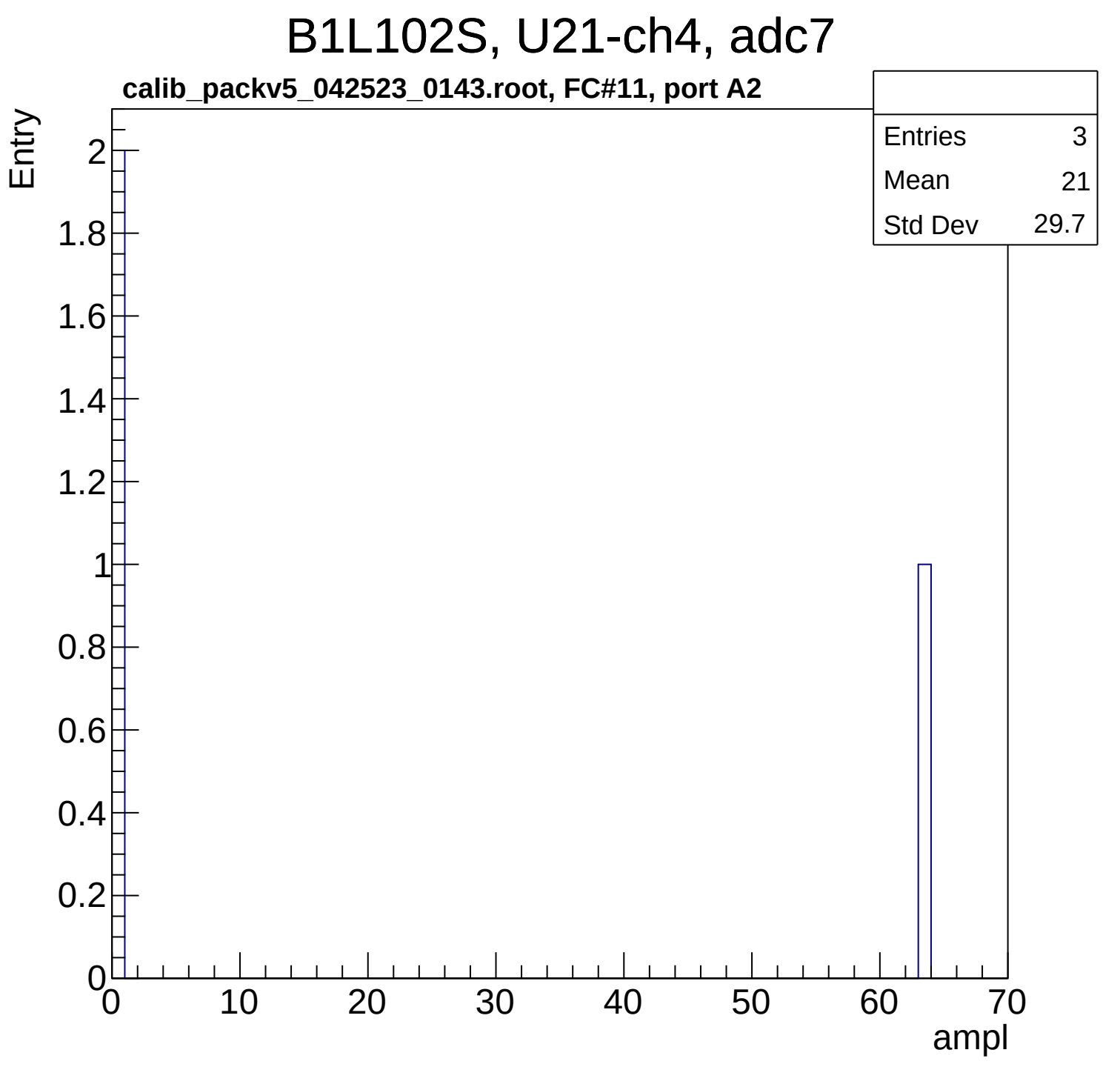

B1L102S, U21-ch4, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 42.05
Std Dev 3.447
Gaus mean : 42.5642
Gaus Width: 3.8696
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

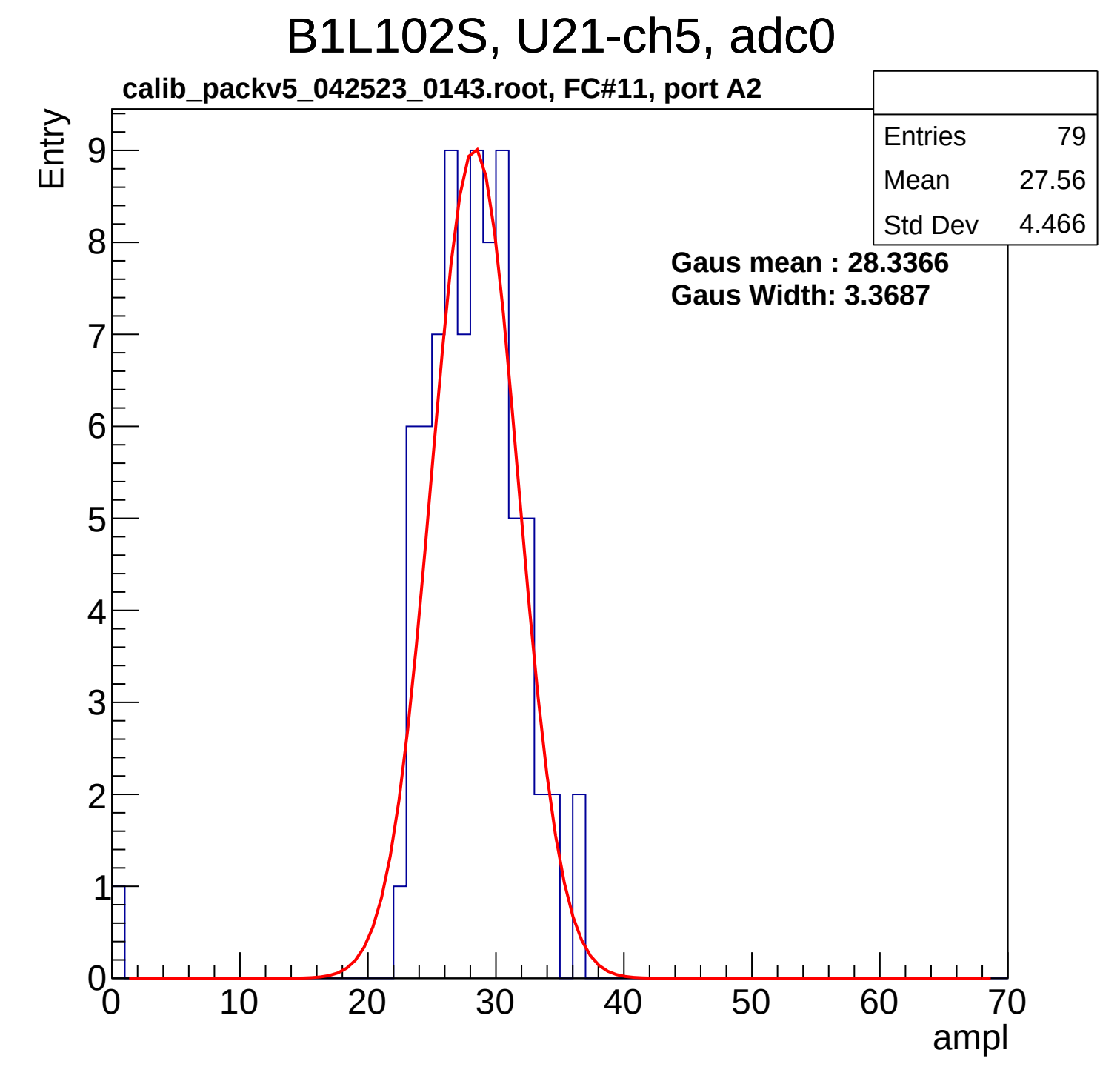

B1L102S, U21-ch4, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 48.11
Std Dev 3.243
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

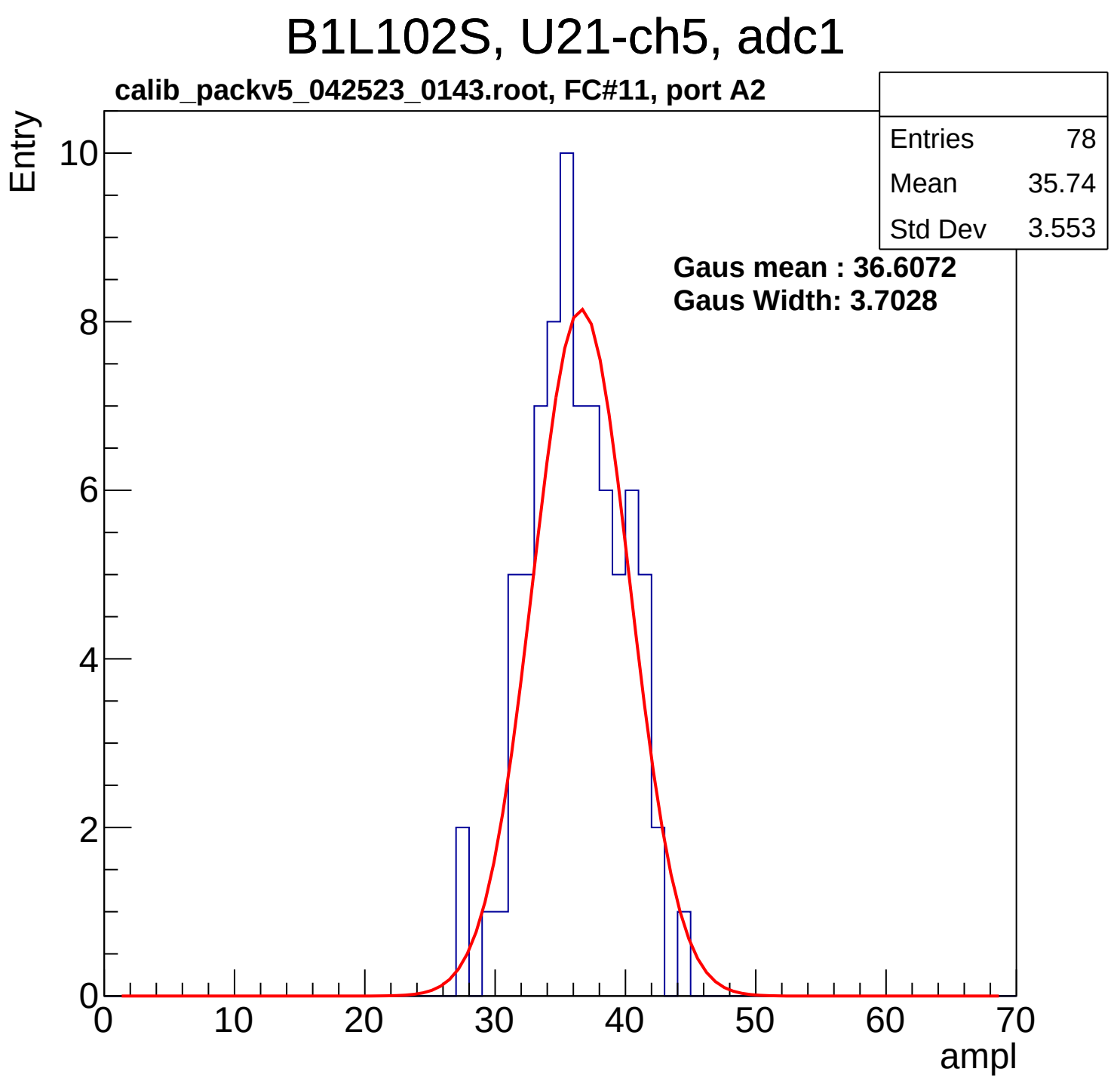

B1L102S, U21-ch4, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 54.33
Std Dev 3.298
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

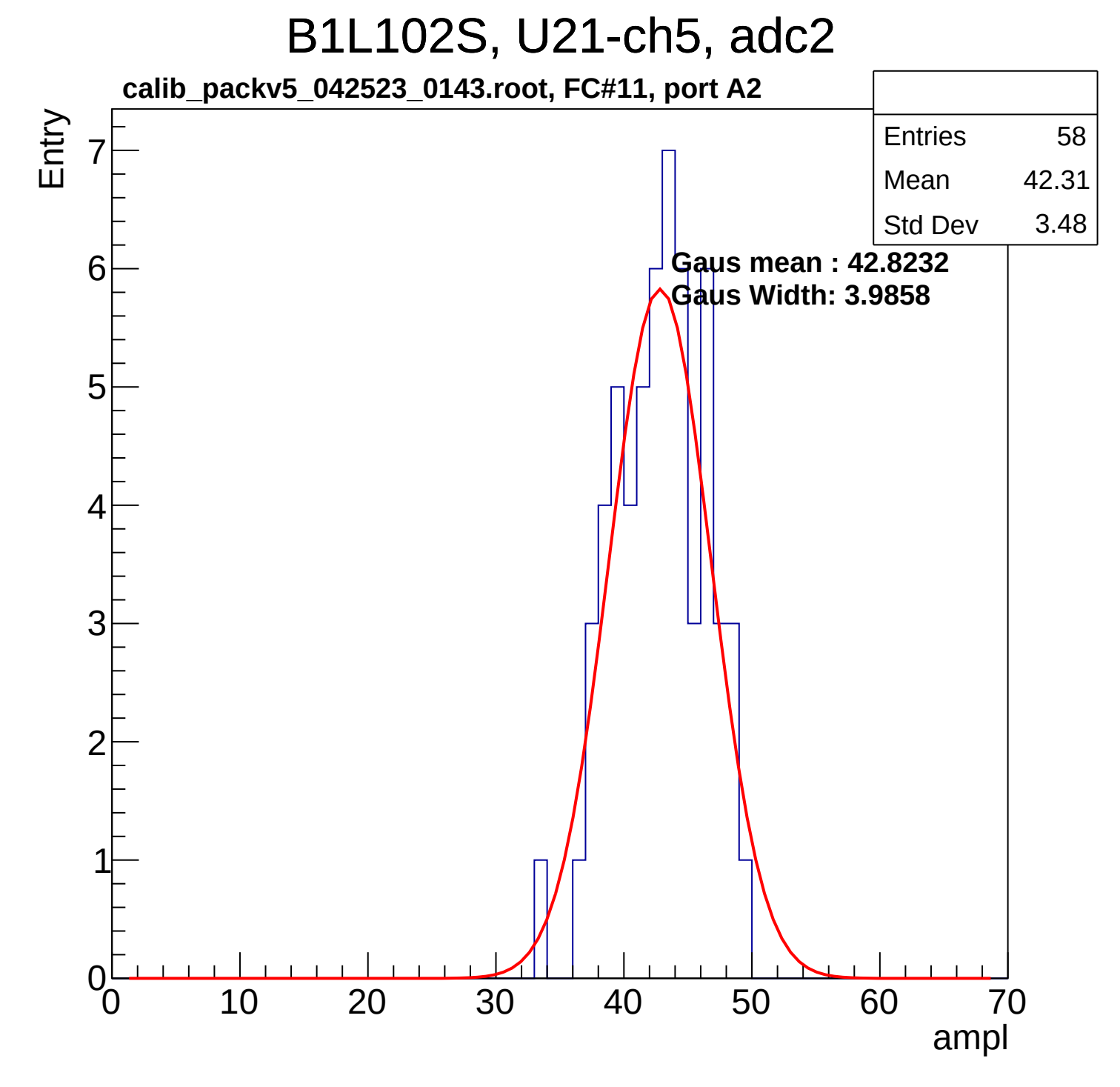

B1L102S, U21-ch4, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 58.57
Std Dev 8.328
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9

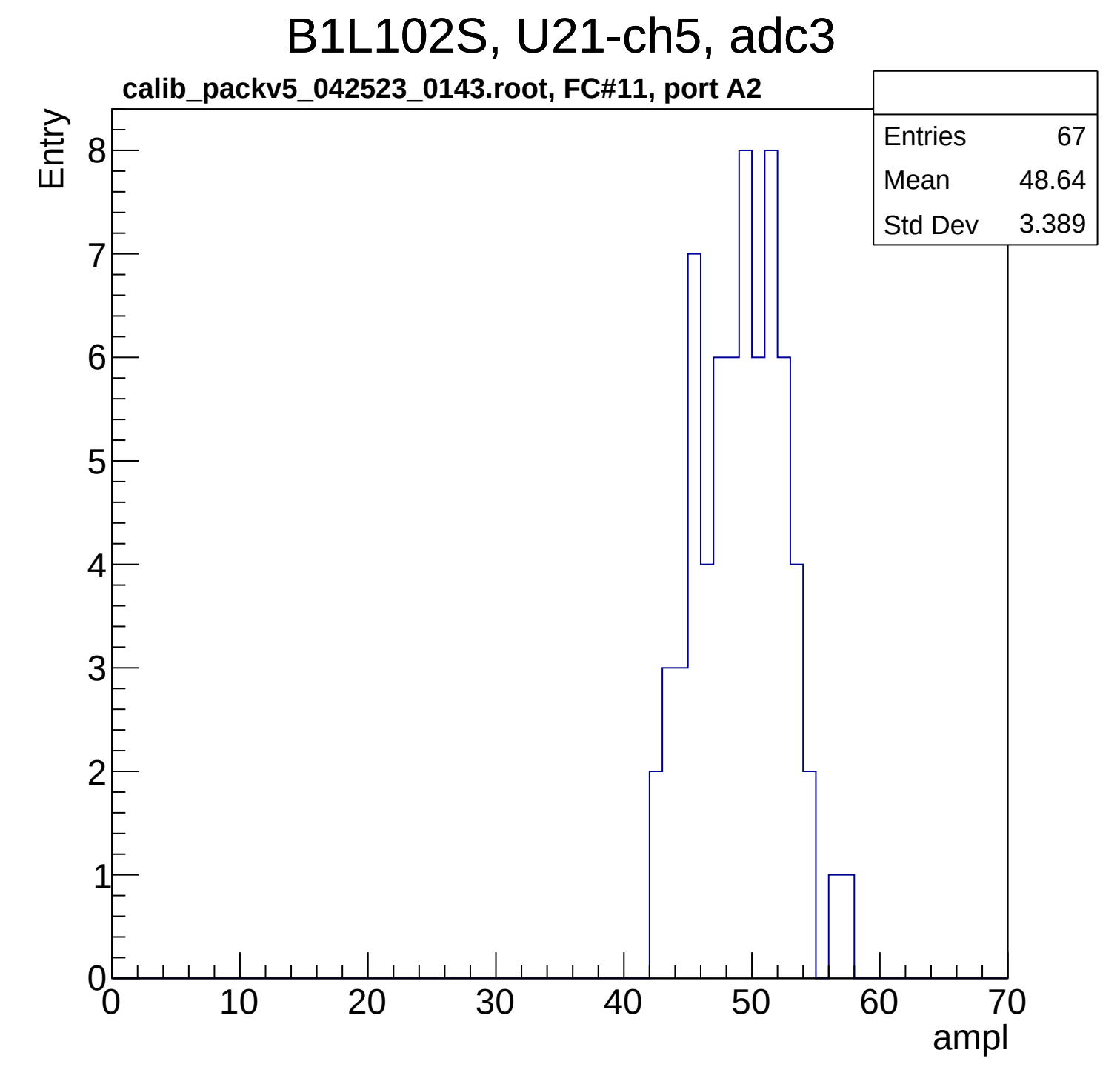

B1L102S, U21-ch4, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 62.25
Std Dev 0.8292
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

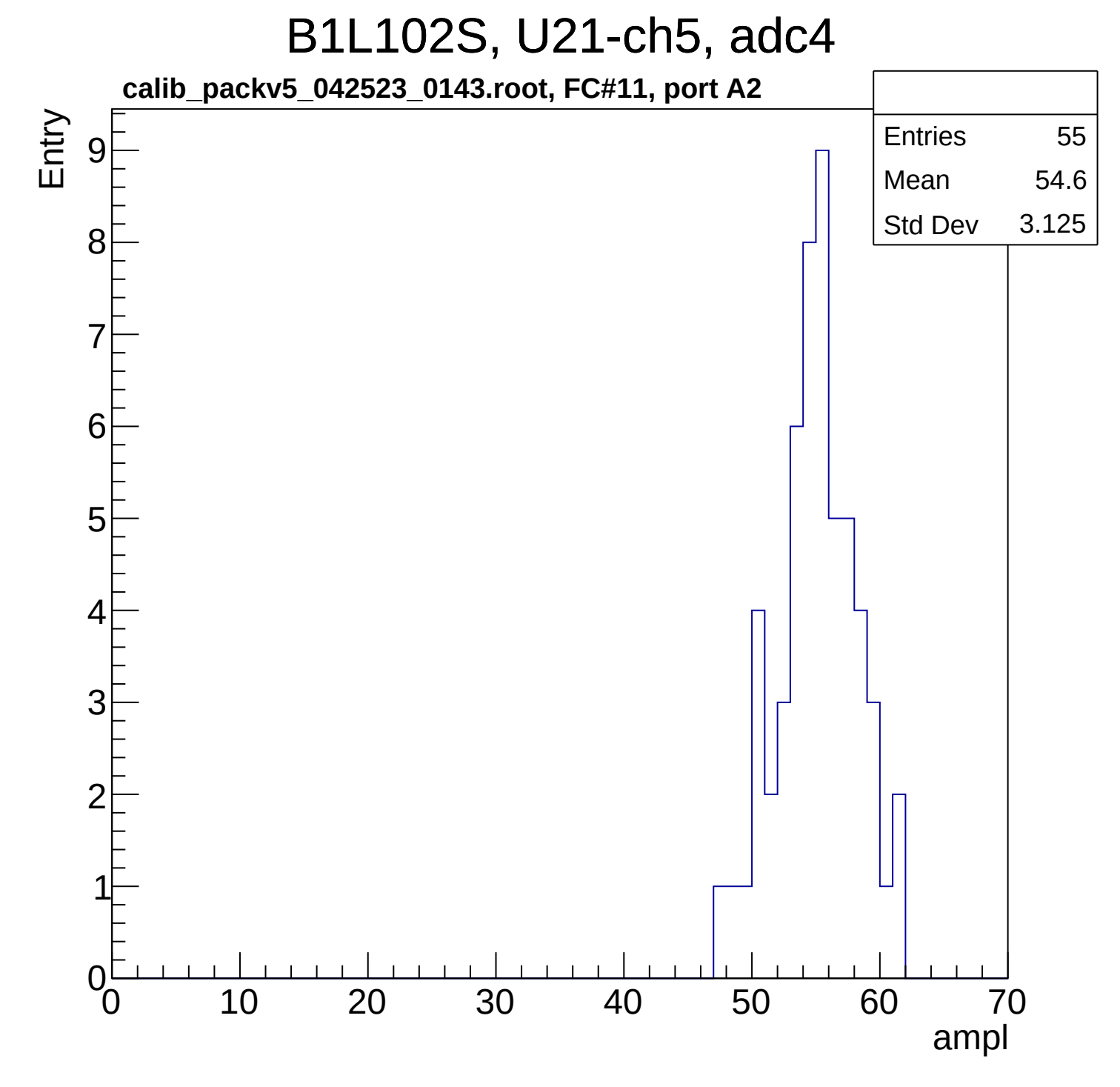

B1L102S, U21-ch4, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 21
Std Dev 29.7
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

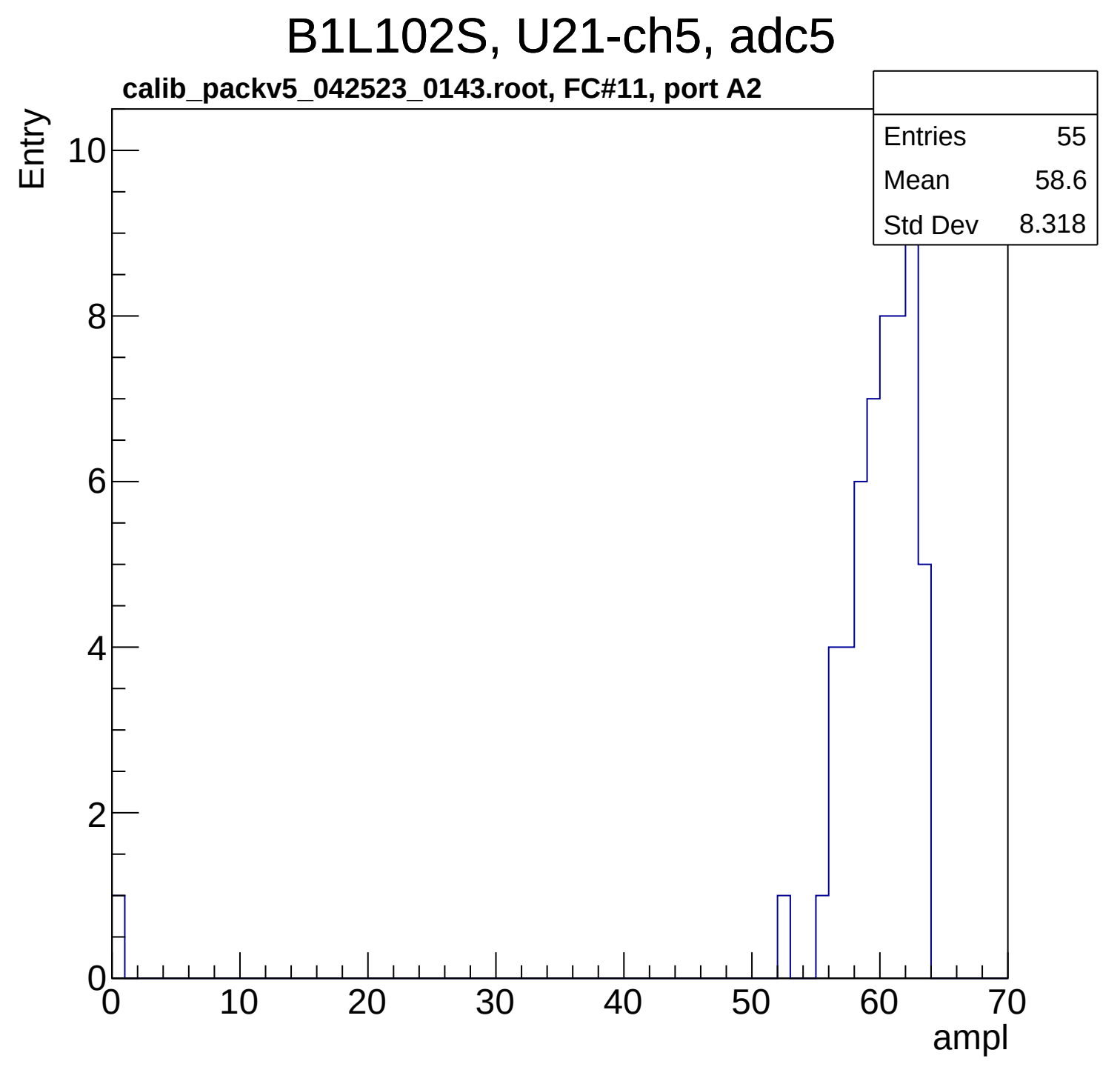

B1L102S, U21-ch5, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 27.56
Std Dev 4.466
Gaus mean : 28.3366
Gaus Width: 3.3687
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

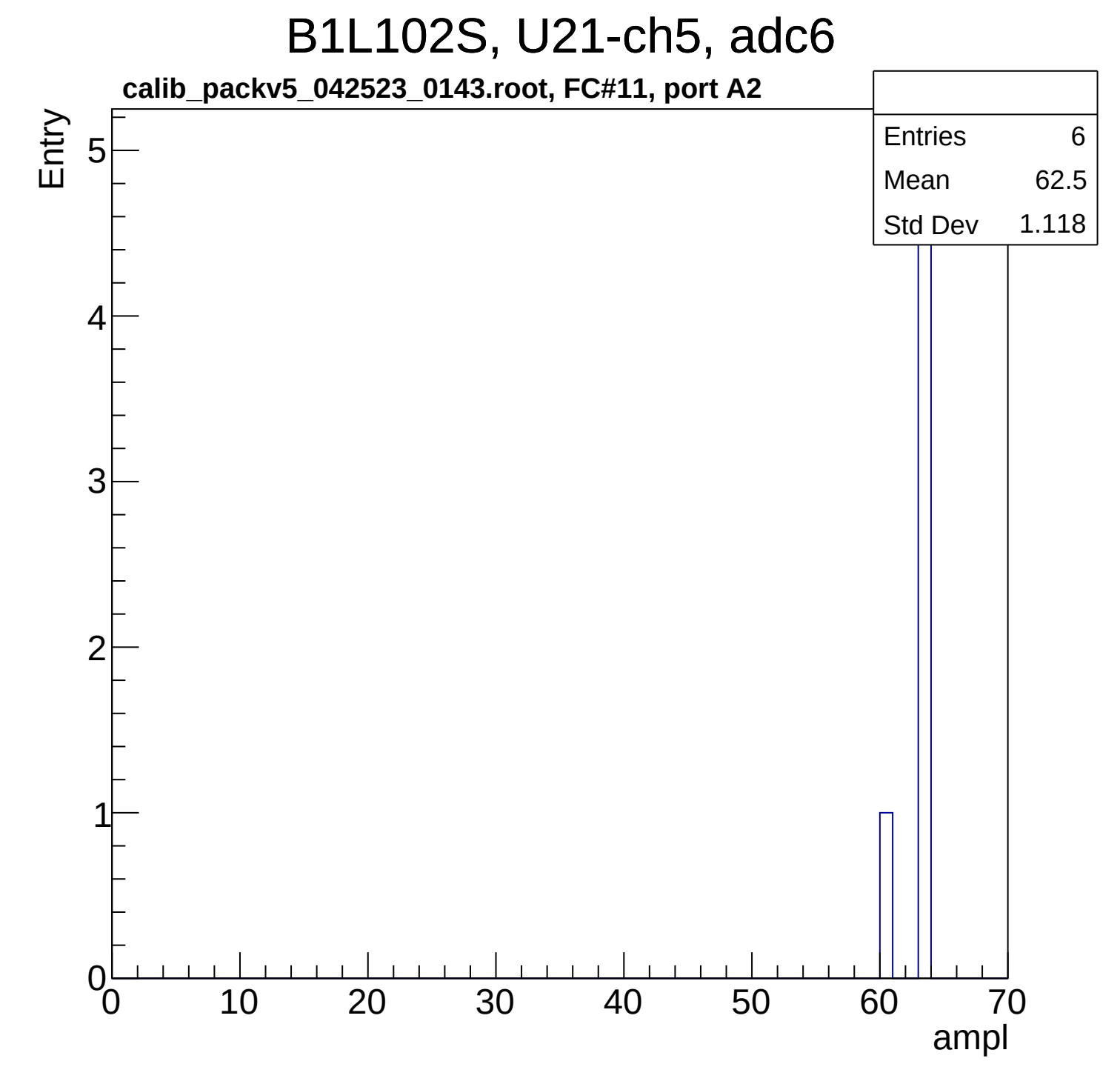

B1L102S, U21-ch5, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 78
Mean 35.74
Std Dev 3.553
Gaus mean : 36.6072
Gaus Width: 3.7028
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

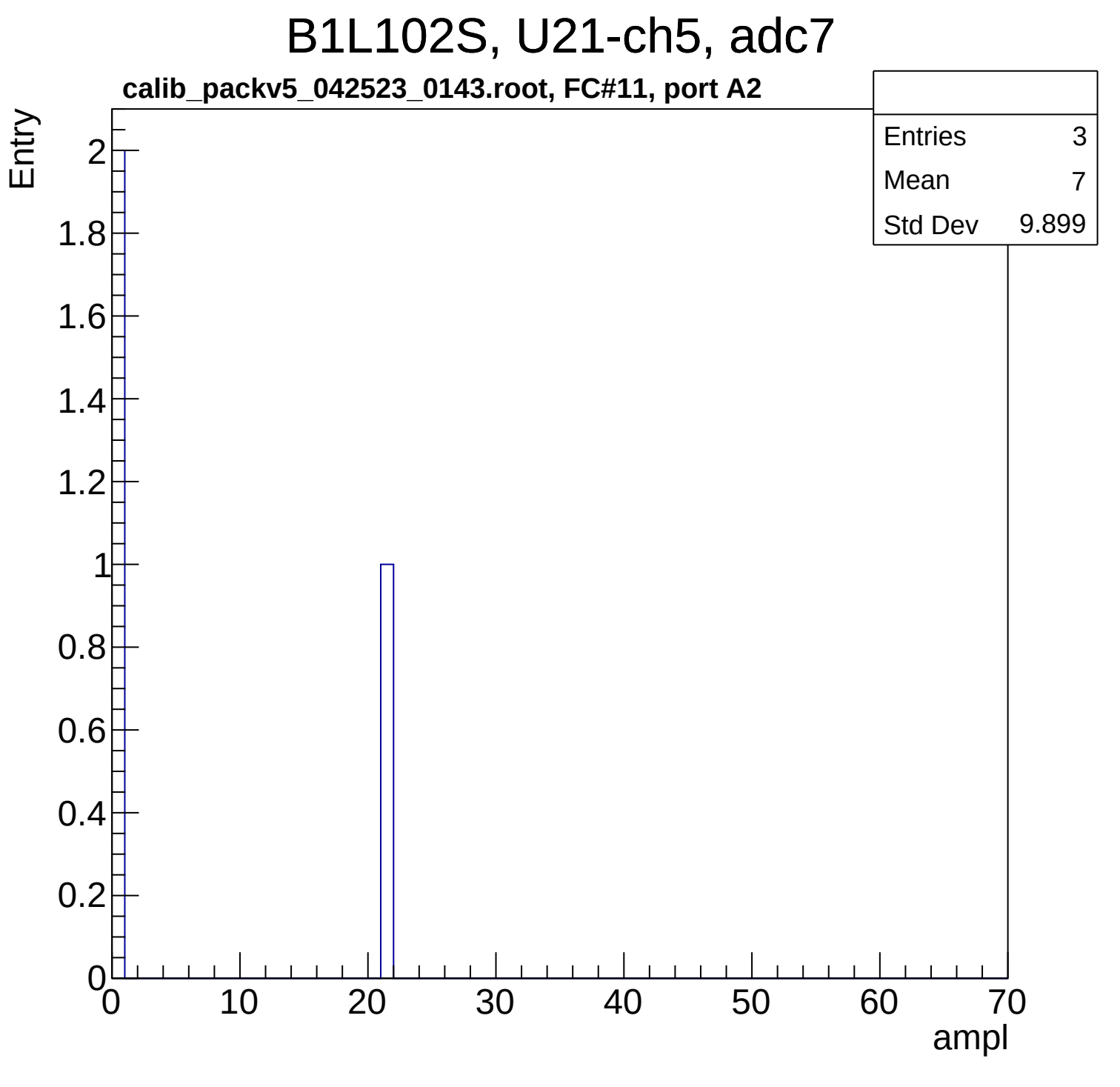

B1L102S, U21-ch5, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 42.31
Std Dev 3.48
Gaus mean : 42.8232
Gaus Width: 3.9858
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

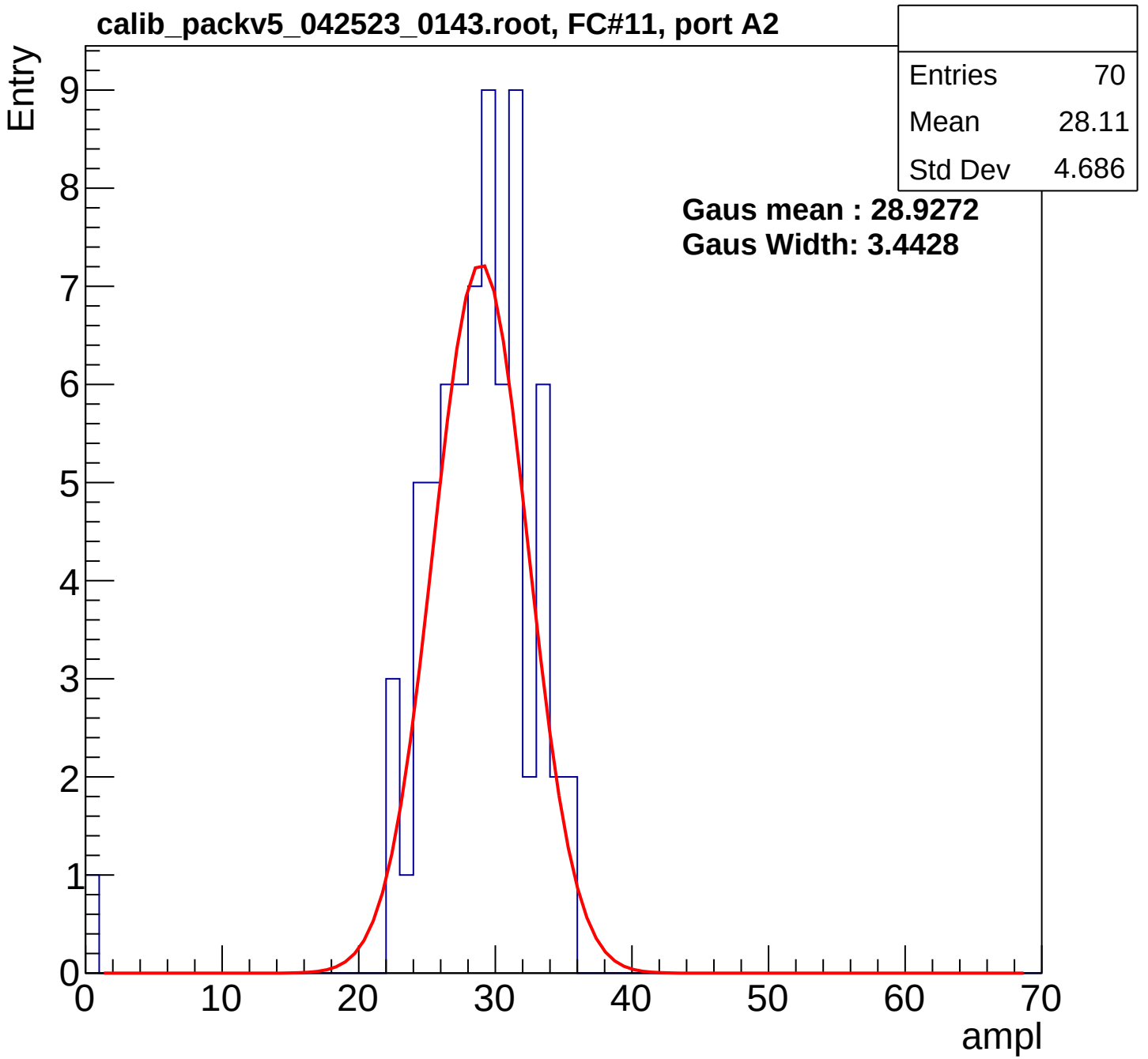

B1L102S, U21-ch5, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 48.64
Std Dev 3.389
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

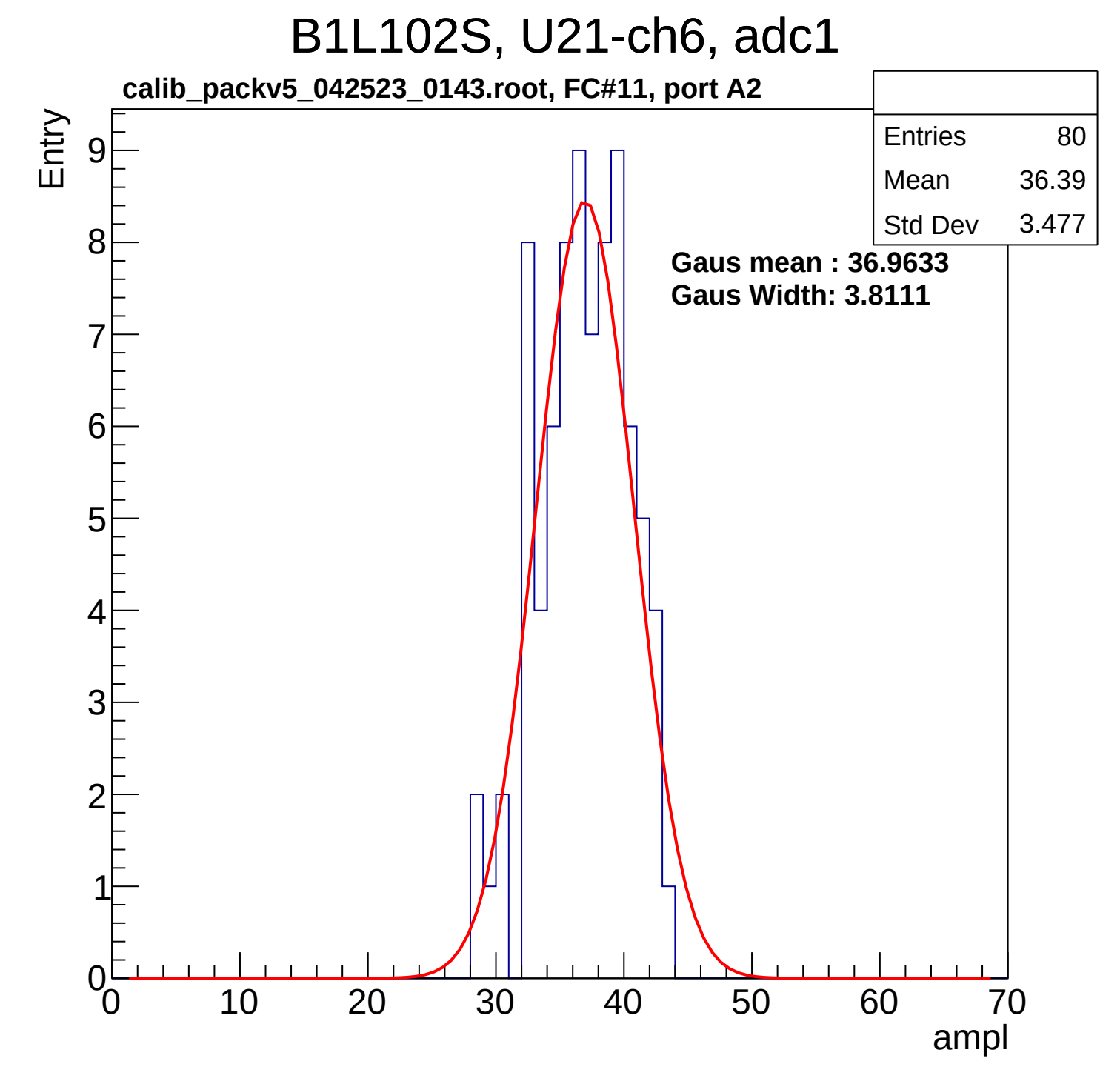

B1L102S, U21-ch5, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 54.6
Std Dev 3.125
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

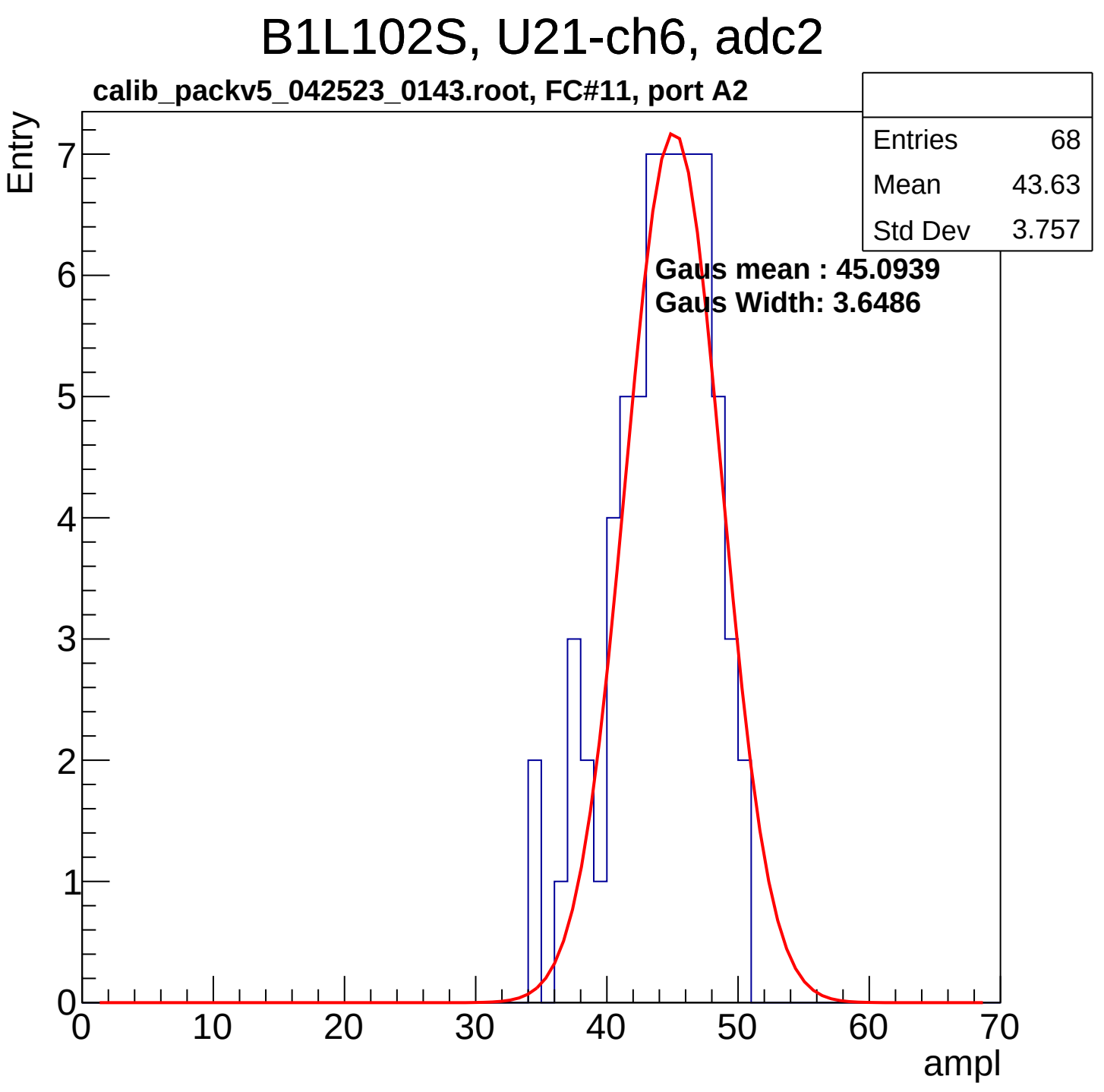

B1L102S, U21-ch5, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 58.6
Std Dev 8.318
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

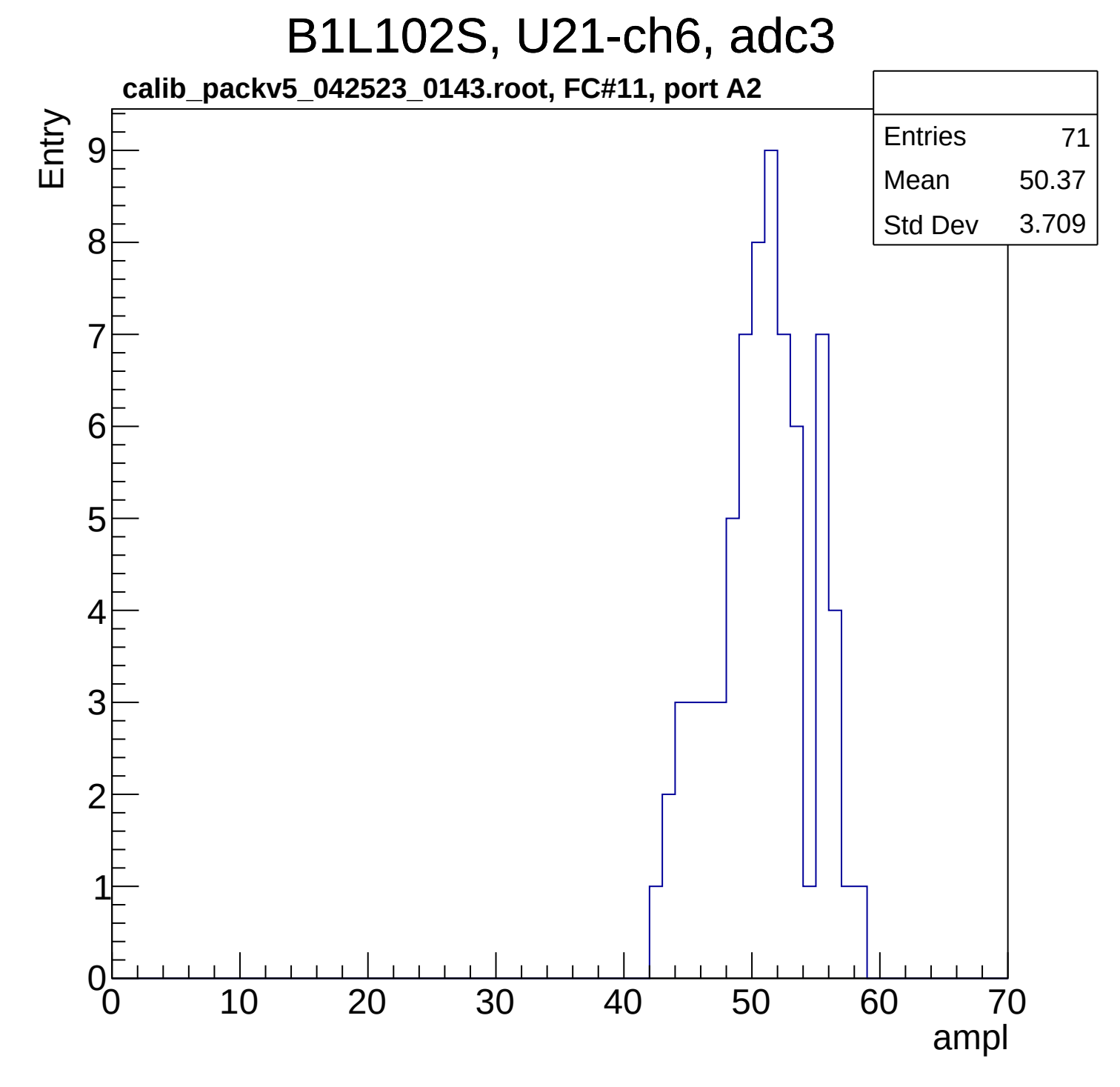

B1L102S, U21-ch5, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 6
Mean 62.5
Std Dev 1.118
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L102S, U21-ch5, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 7
Std Dev 9.899
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L102S, U21-ch6, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 28.11
Std Dev 4.686
Gaus mean : 28.9272
Gaus Width: 3.4428
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch6, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 80
Mean 36.39
Std Dev 3.477
Gaus mean : 36.9633
Gaus Width: 3.8111
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch6, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 43.63
Std Dev 3.757
Gaus mean : 45.0939
Gaus Width: 3.6486
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch6, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 50.37
Std Dev 3.709
Entry
ampl
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3
4
5
6
7
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0
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20
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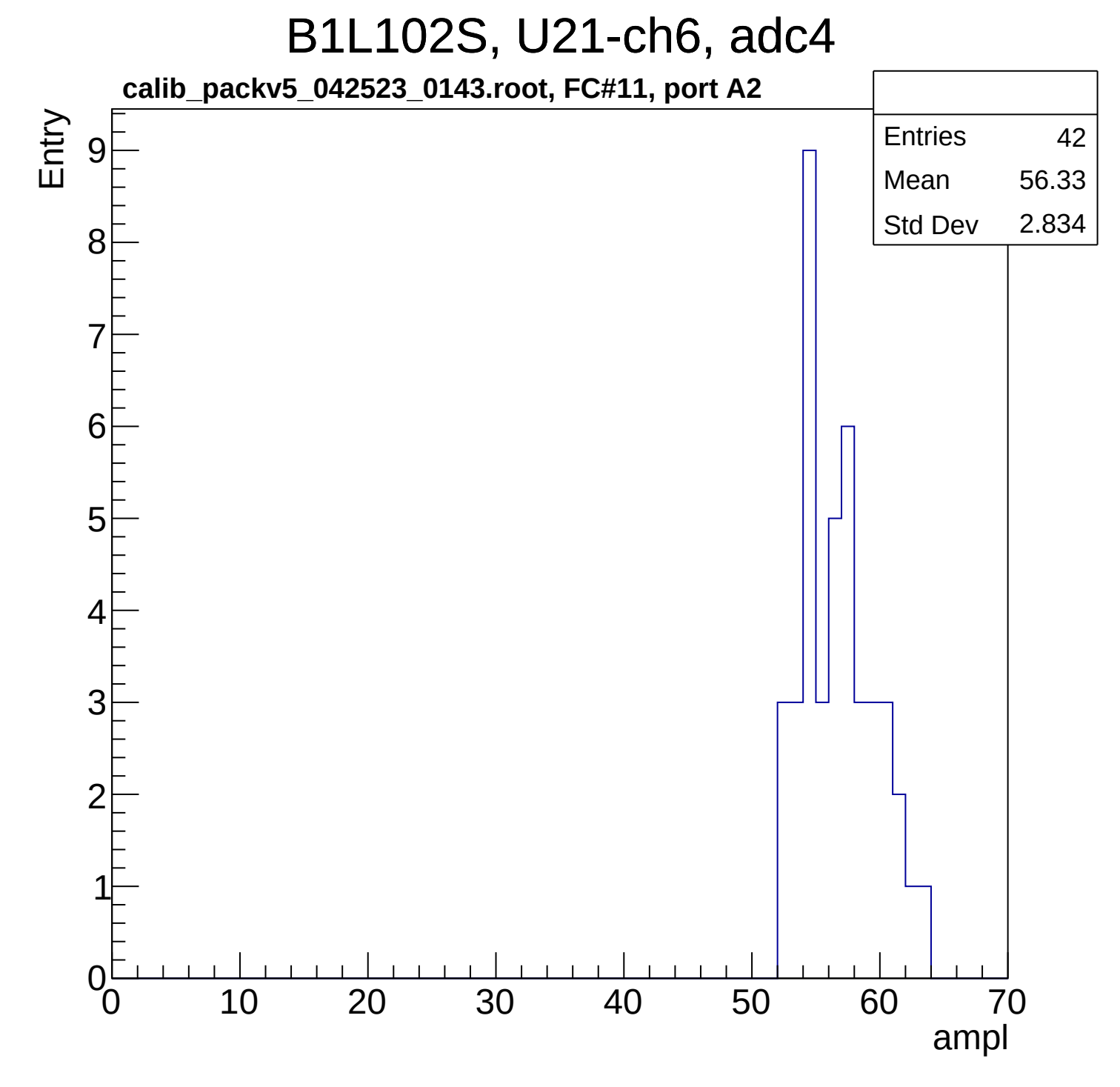
60
70


B1L102S, U21-ch6, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 42
Mean 56.33
Std Dev 2.834
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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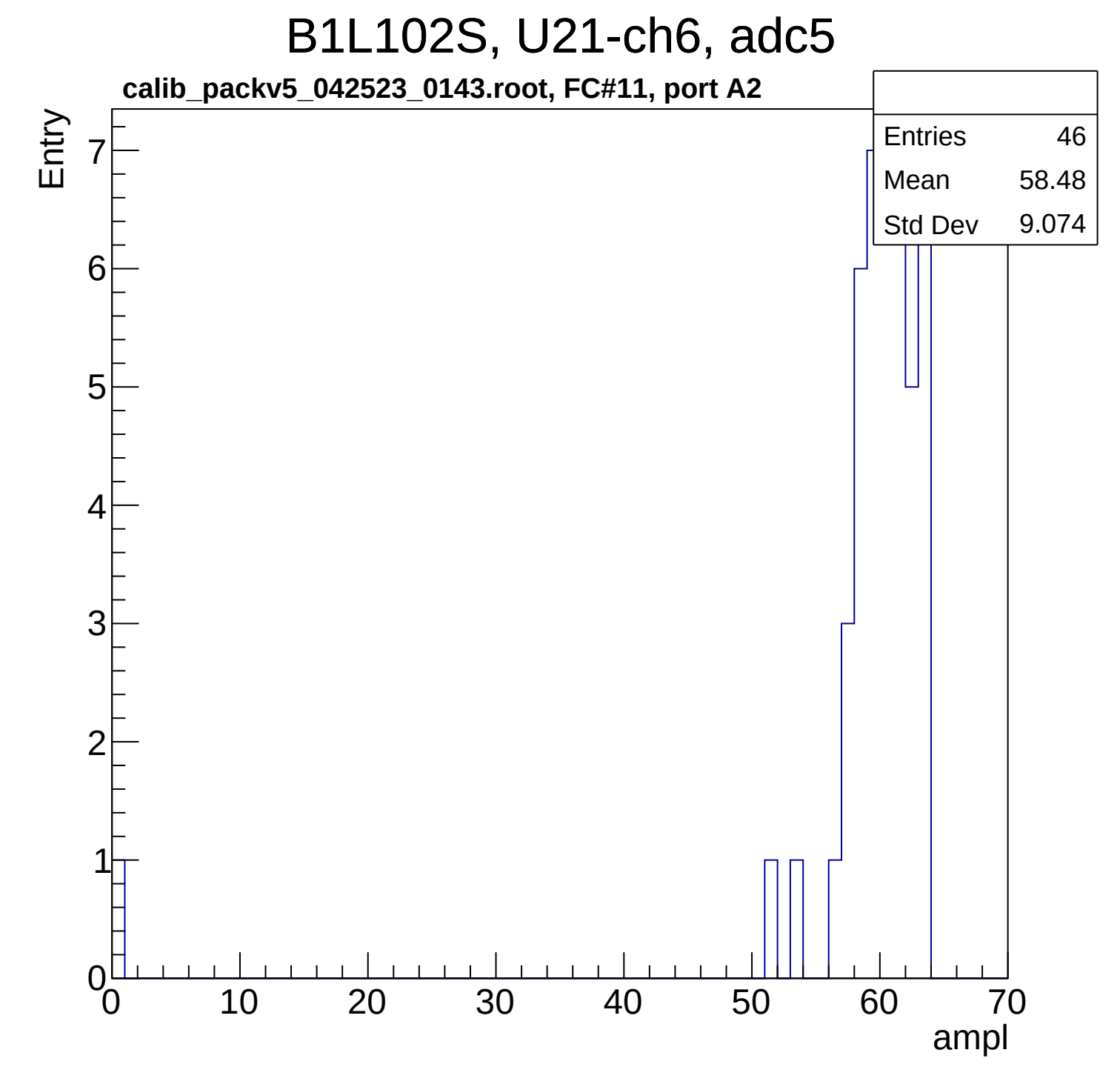
B1L102S, U21-ch6, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 46
Mean 58.48
Std Dev 9.074
Entry
ampl
0
1
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3
4
5
6
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0
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20
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40
50
60
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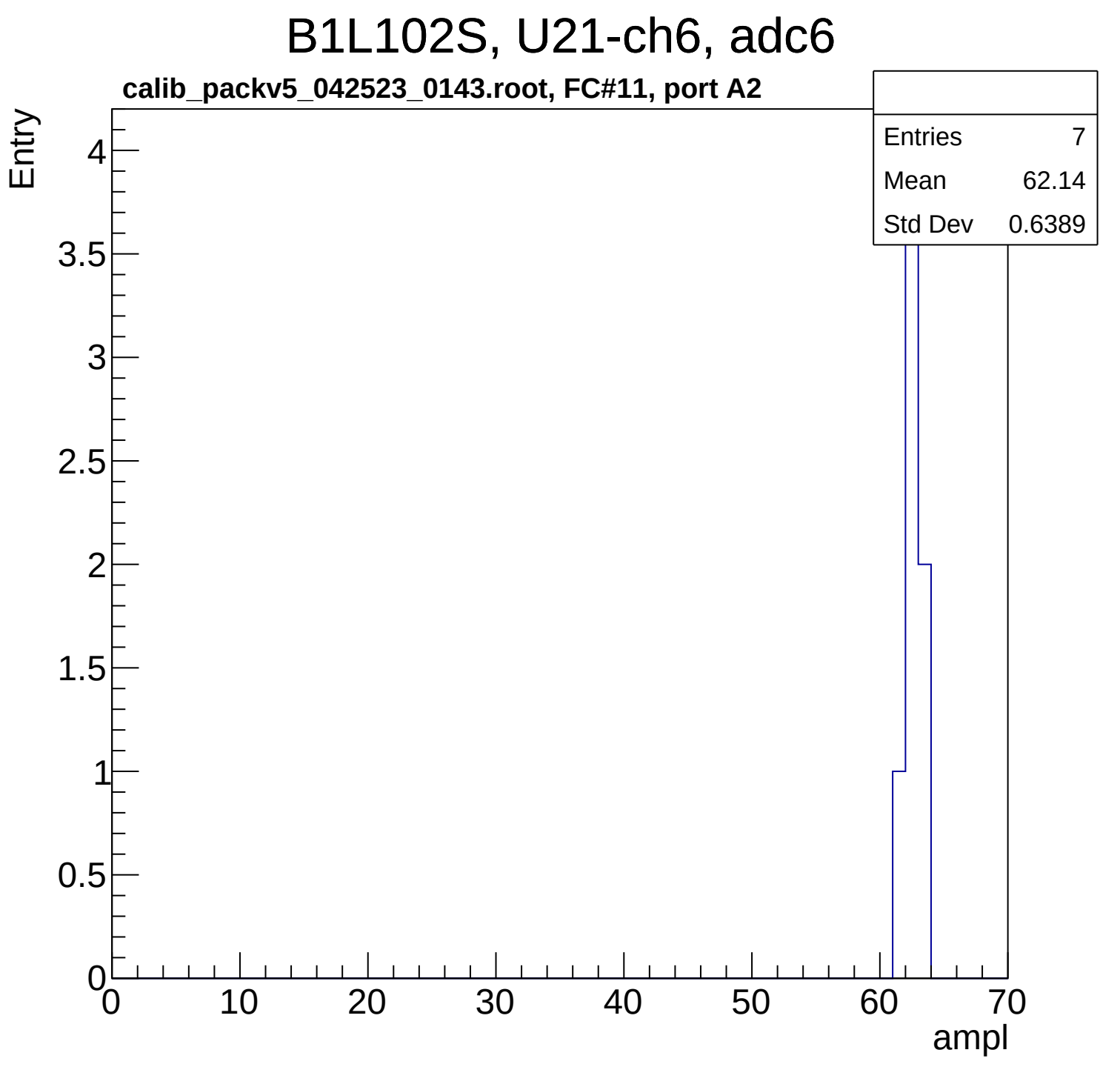
B1L102S, U21-ch6, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 7
Mean 62.14
Std Dev 0.6389
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
4
0
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20
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40
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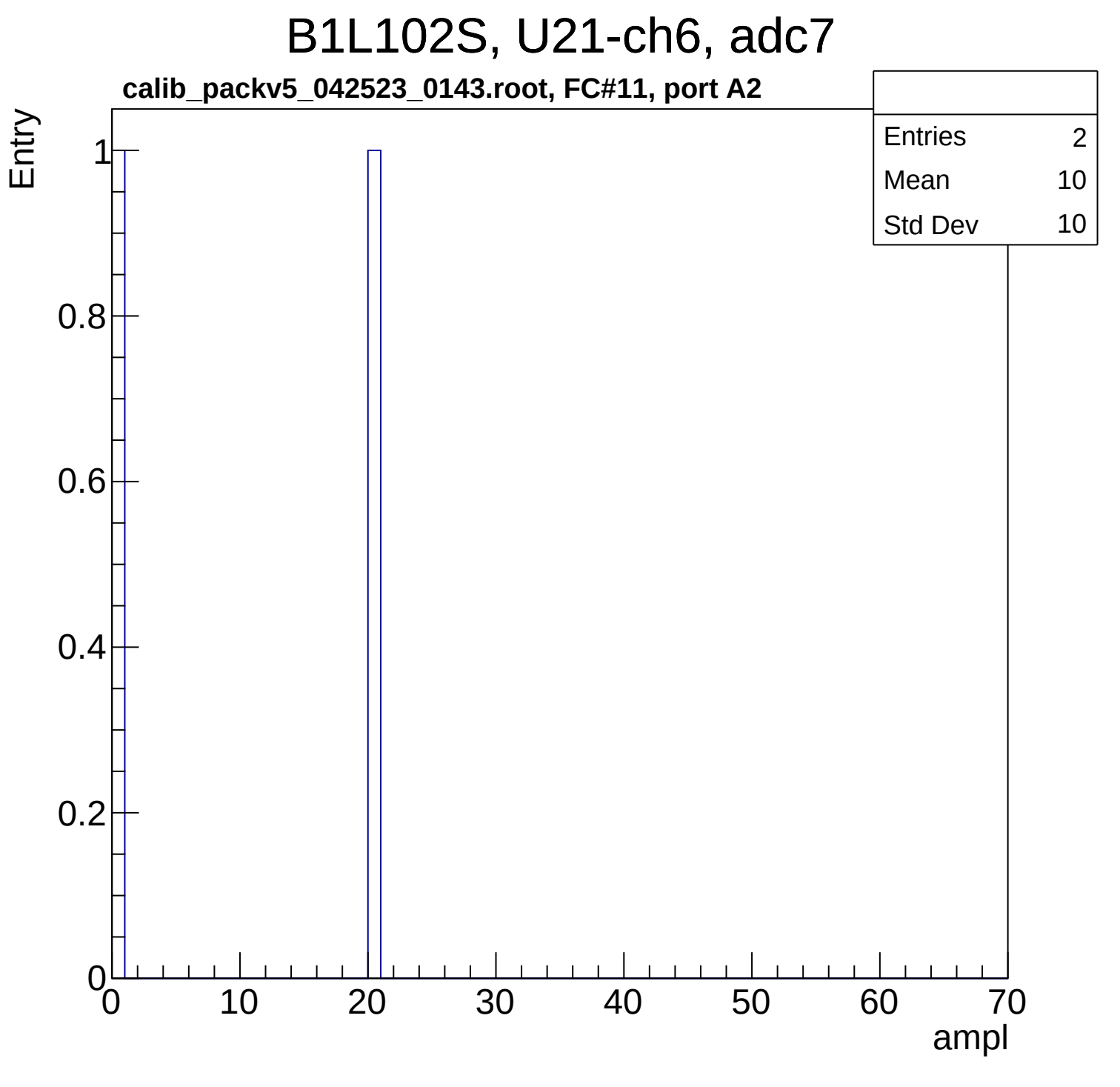
60
70


B1L102S, U21-ch6, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 10
Std Dev 10
Entry
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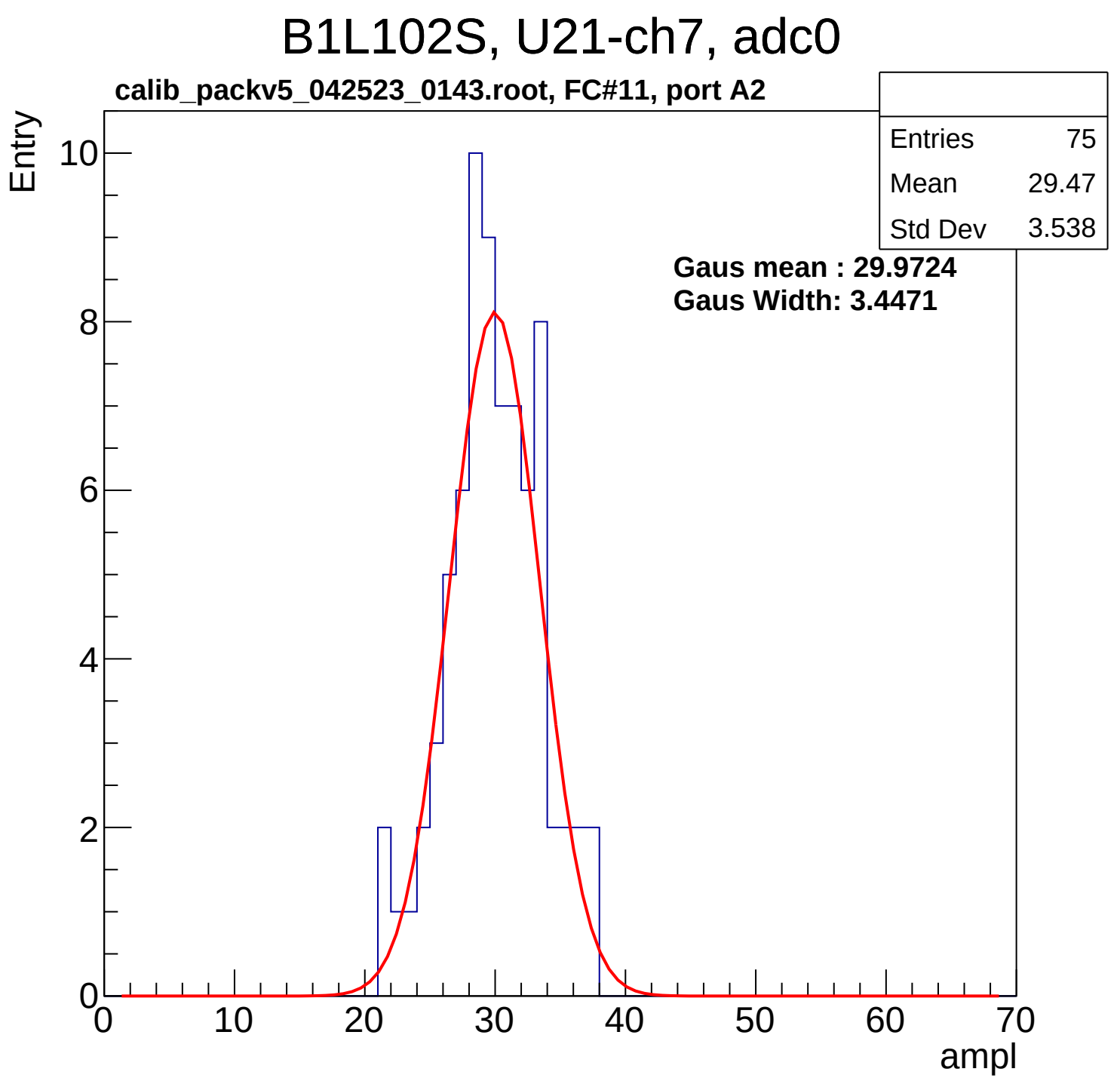
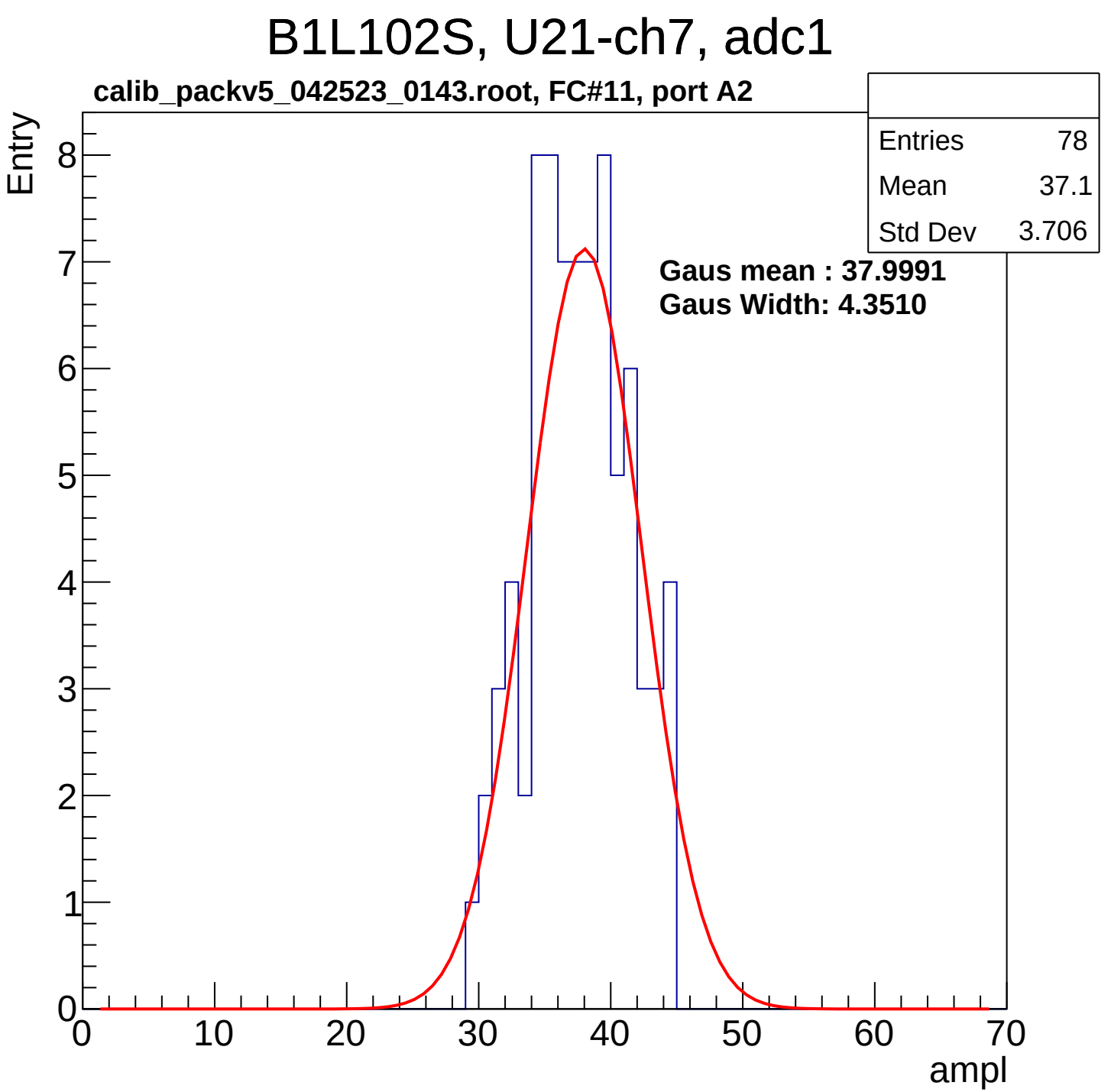
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch7, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 29.47
Std Dev 3.538
Gaus mean : 29.9724
Gaus Width: 3.4471
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch7, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 78
Mean 37.1
Std Dev 3.706
Gaus mean : 37.9991
Gaus Width: 4.3510
Entry
ampl
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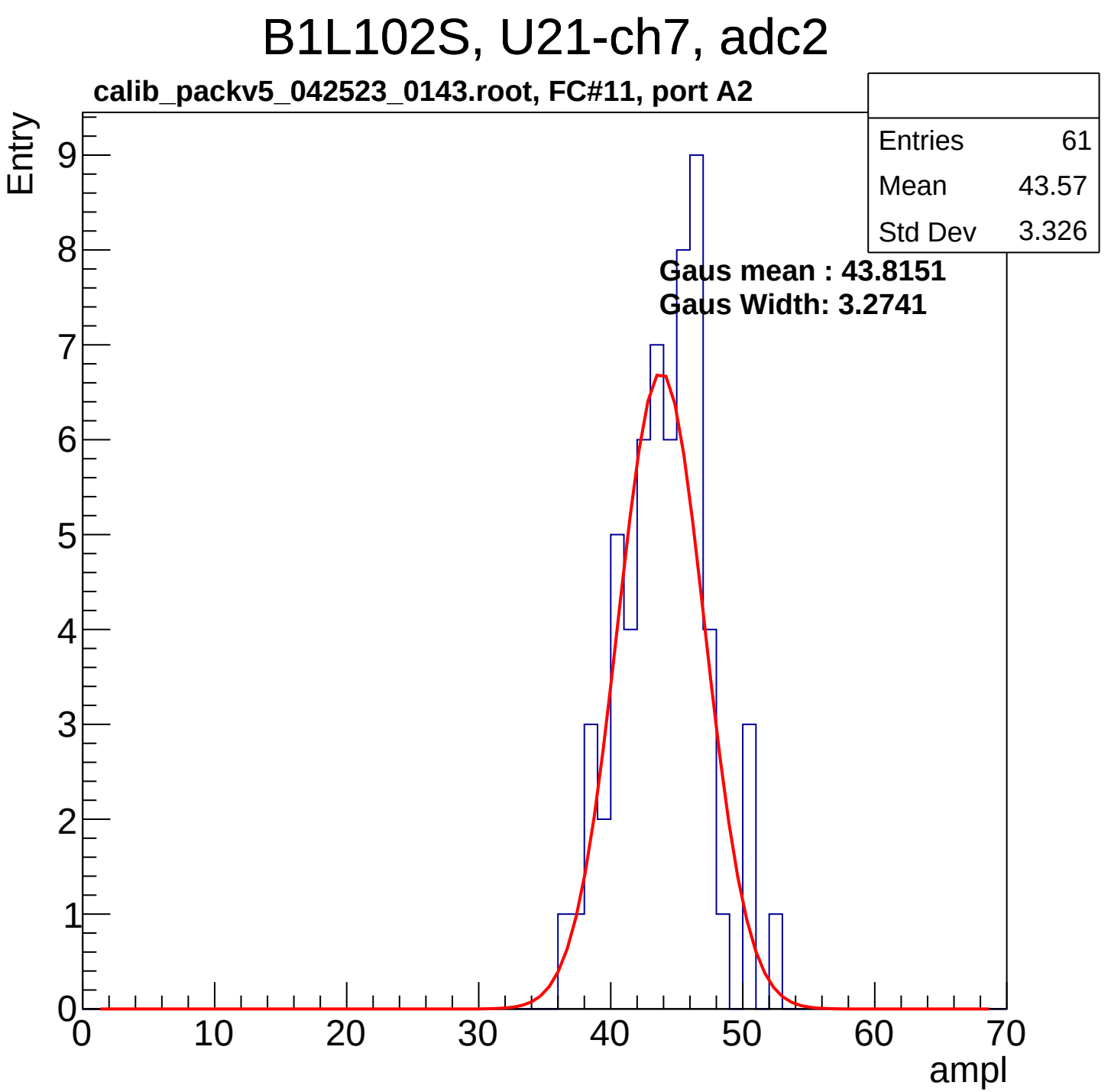
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch7, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 43.57
Std Dev 3.326
Gaus mean : 43.8151
Gaus Width: 3.2741
Entry
ampl
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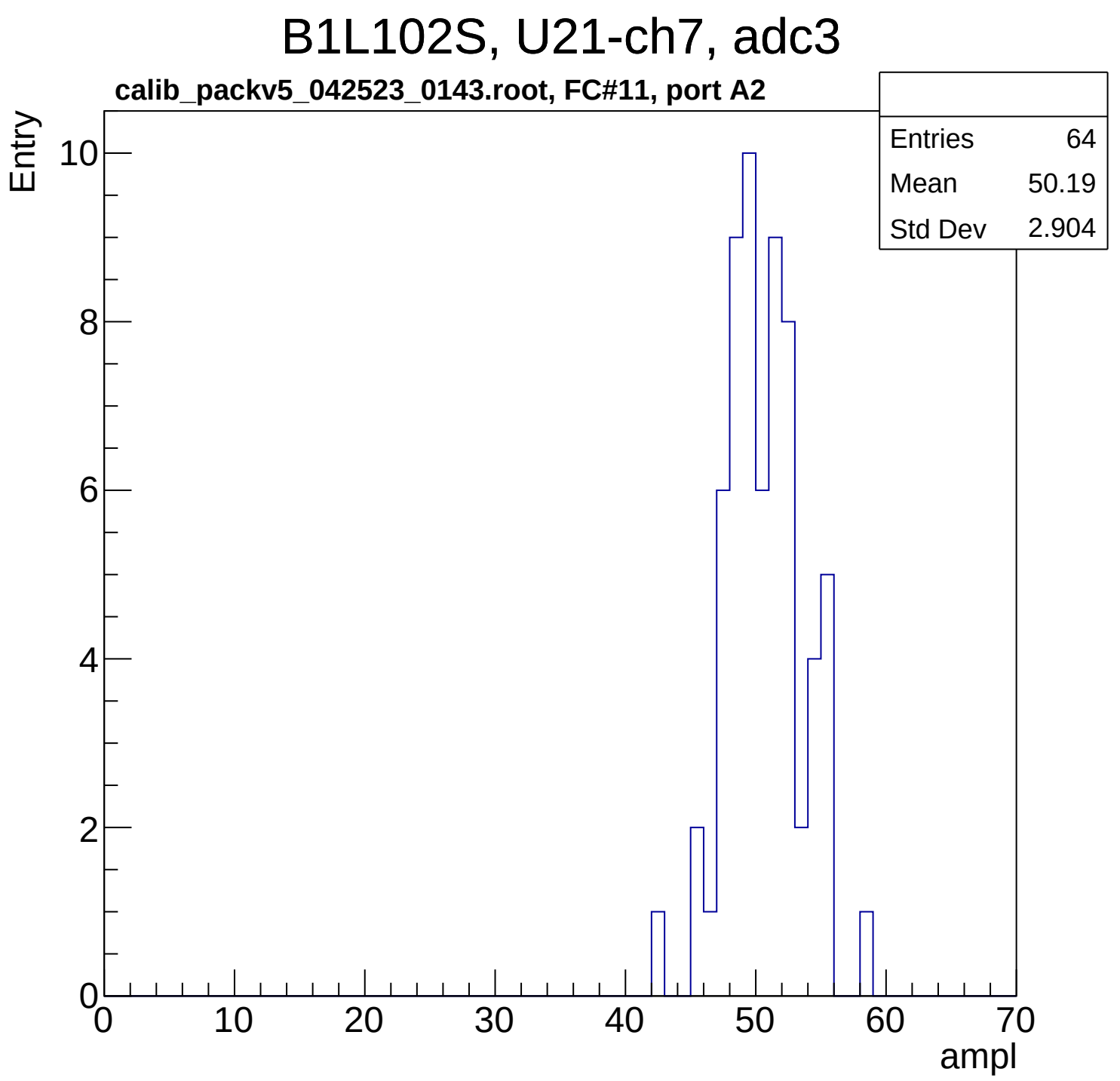
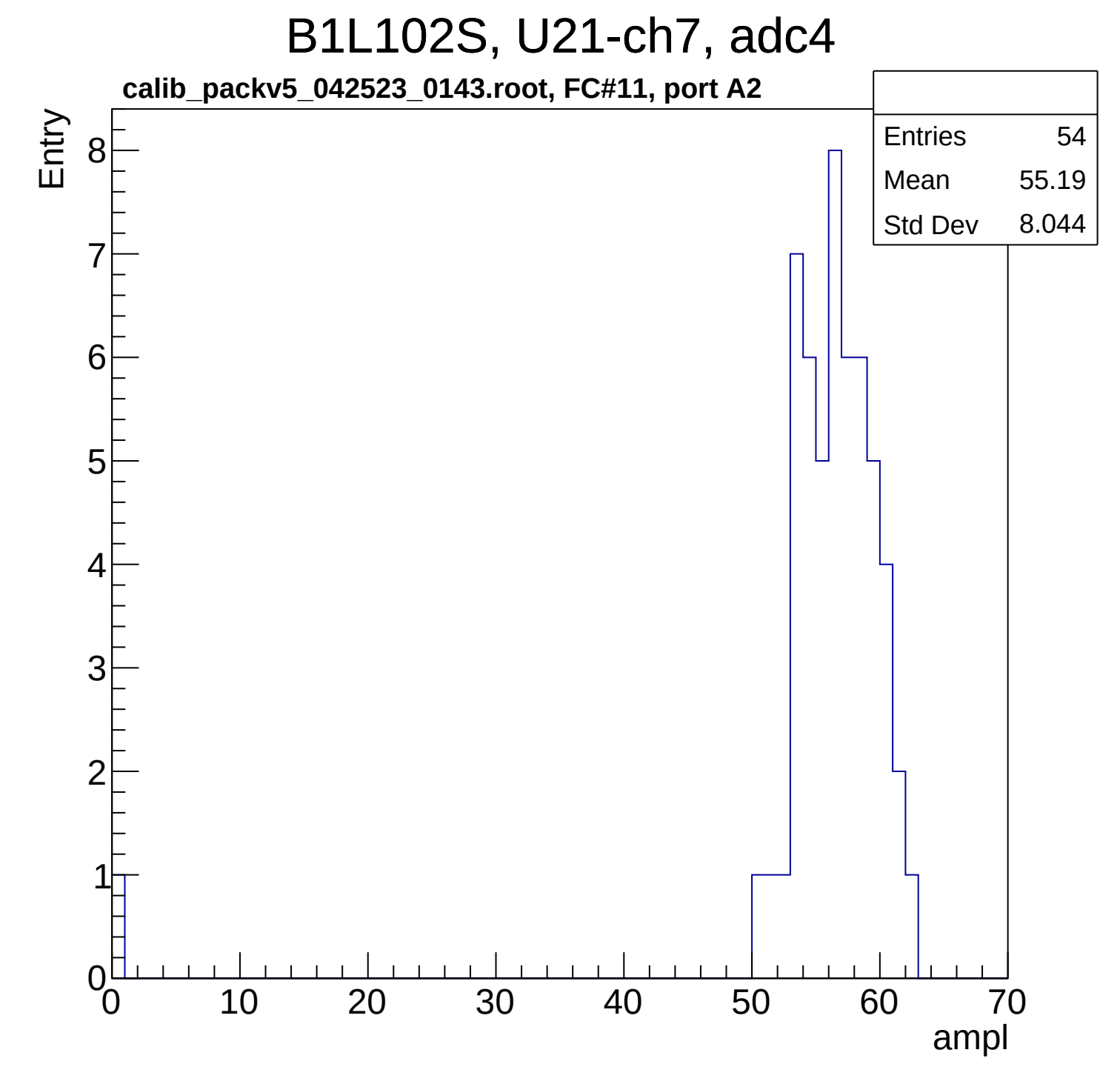
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L102S, U21-ch7, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 50.19
Std Dev 2.904
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch7, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 55.19
Std Dev 8.044
Entry
ampl
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1
2
3
4
5
6
7
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0
10
20
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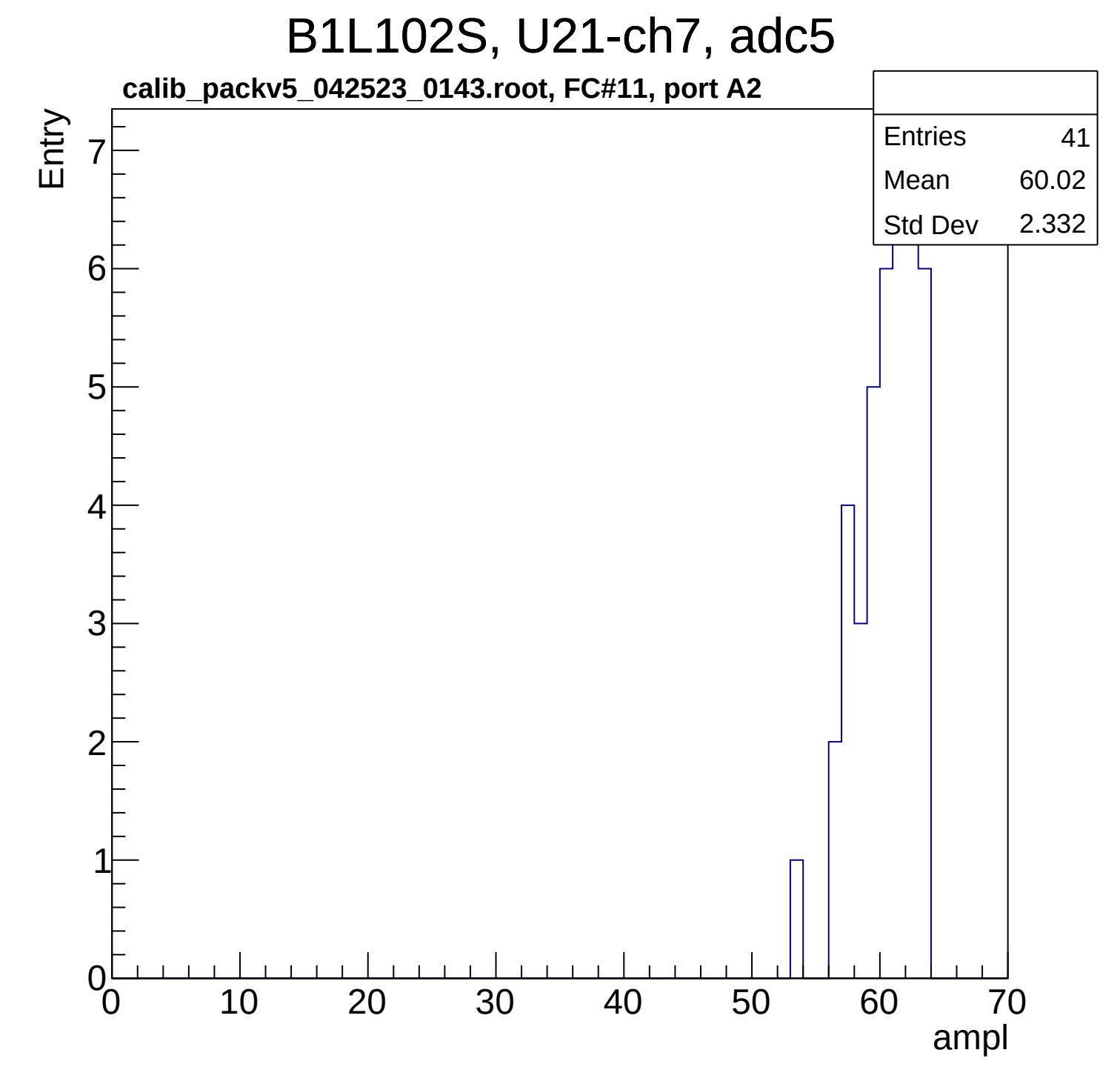
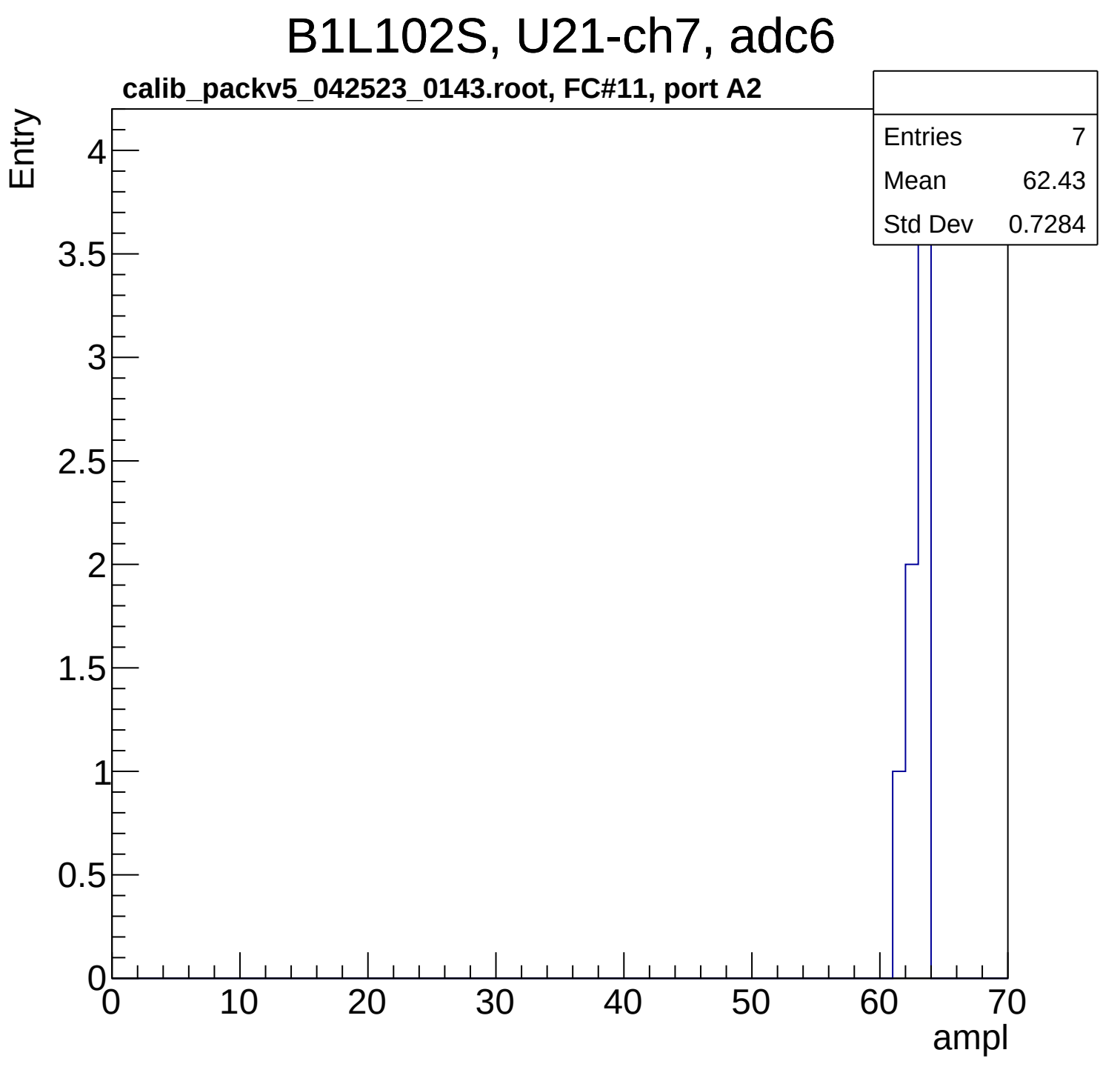
40
50
60
70


B1L102S, U21-ch7, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 41
Mean 60.02
Std Dev 2.332
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch7, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 7
Mean 62.43
Std Dev 0.7284
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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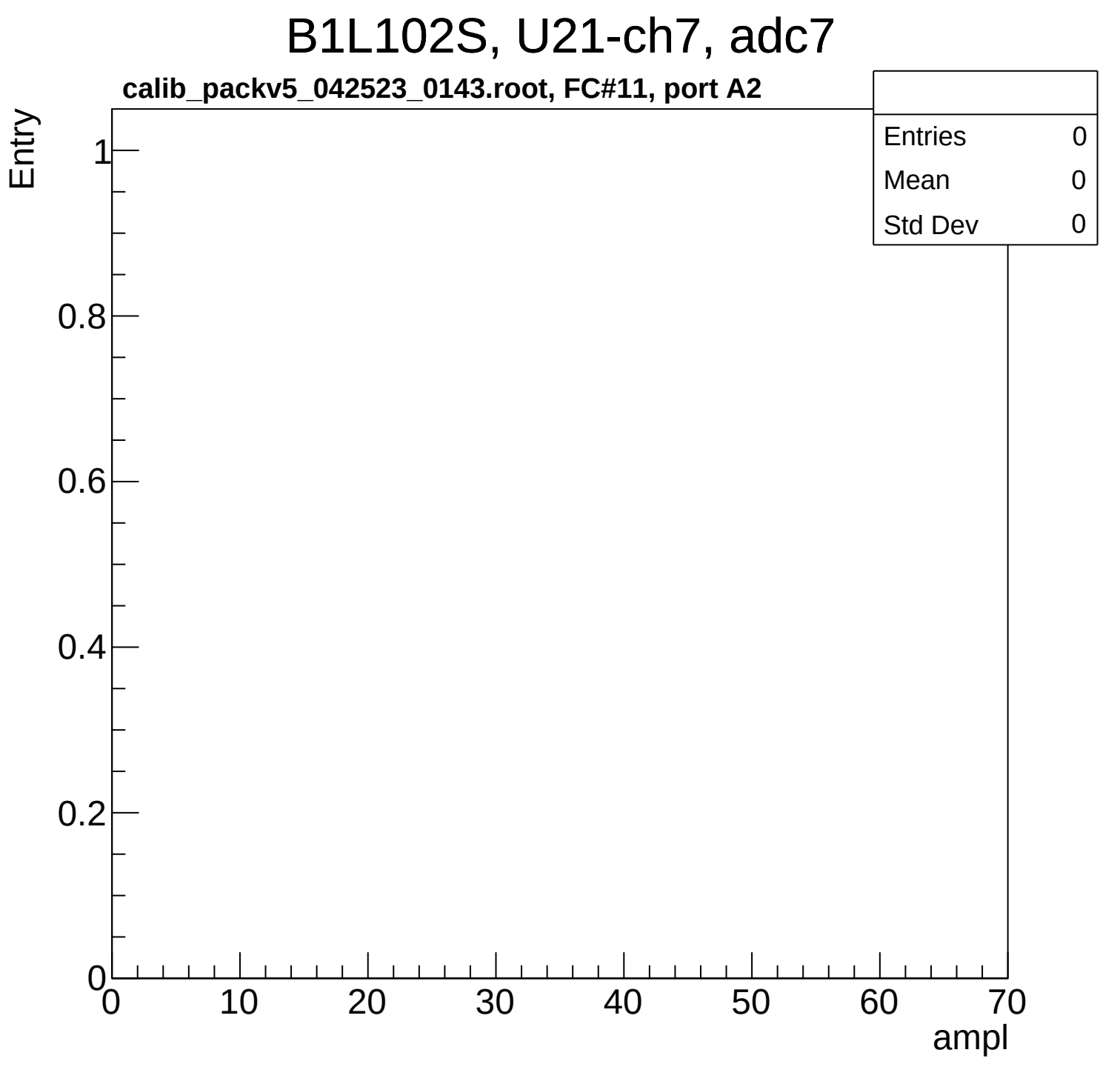
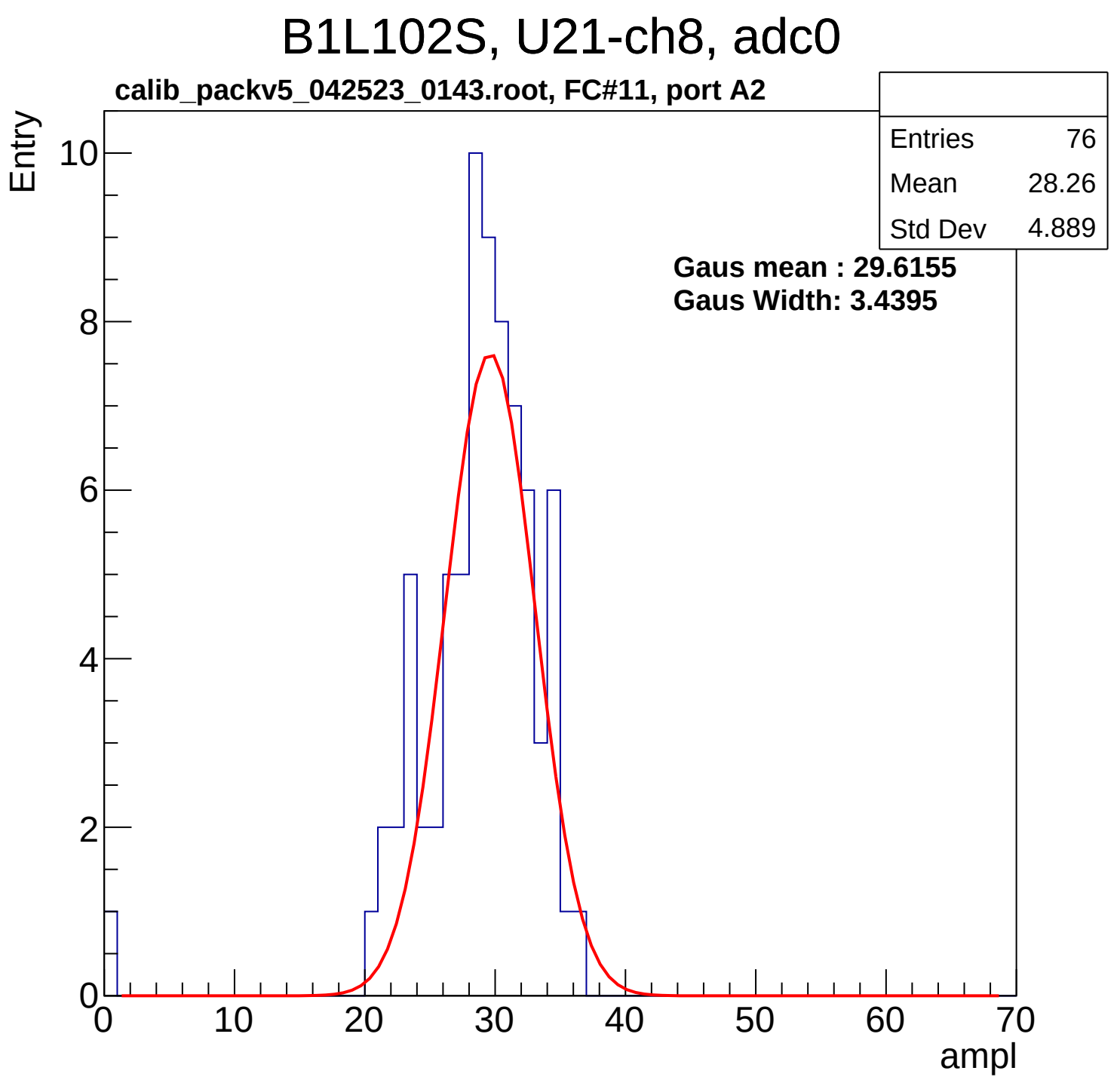
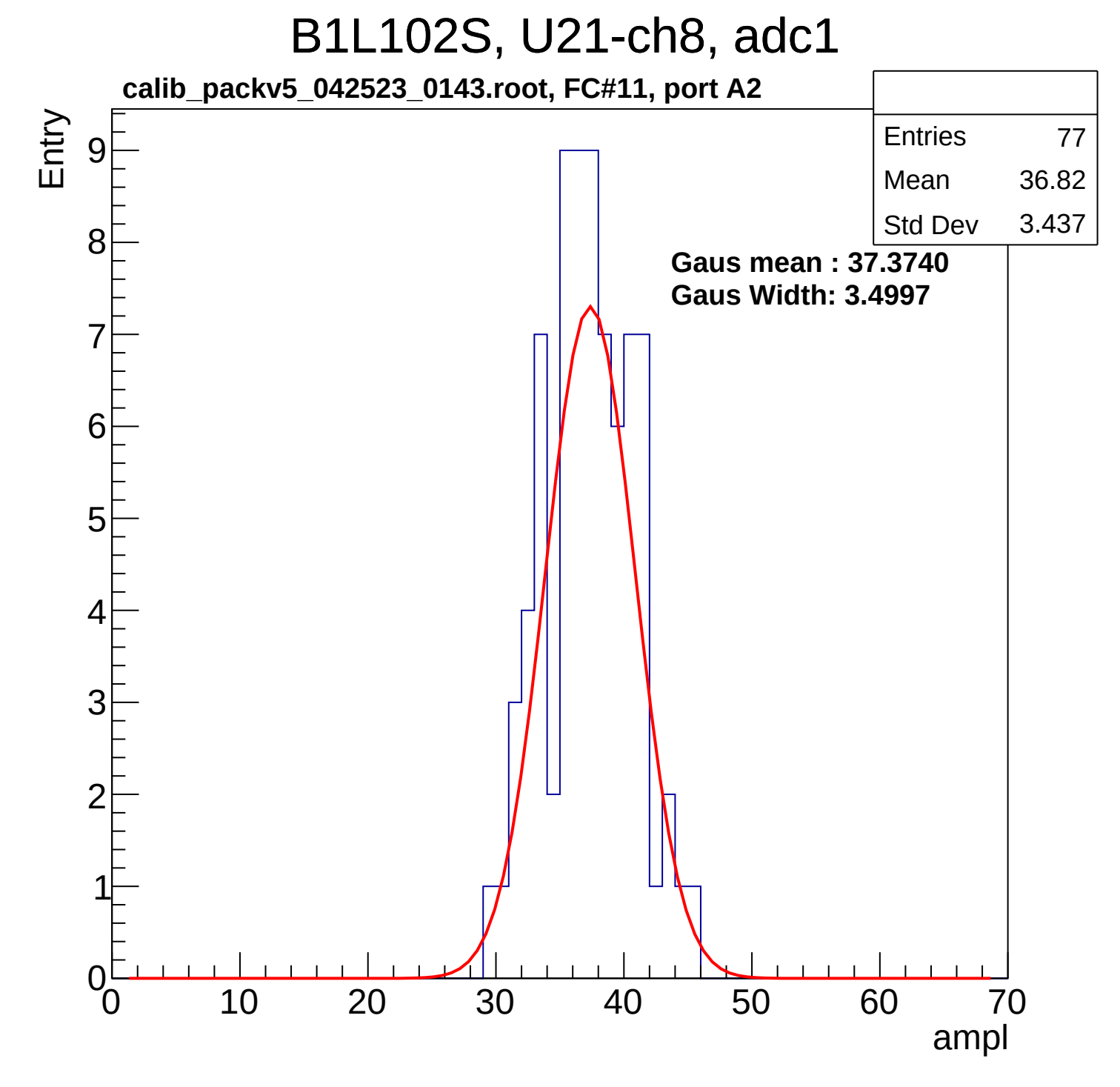

B1L102S, U21-ch7, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch8, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 76
Mean 28.26
Std Dev 4.889
Gaus mean : 29.6155
Gaus Width: 3.4395
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch8, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 36.82
Std Dev 3.437
Gaus mean : 37.3740
Gaus Width: 3.4997
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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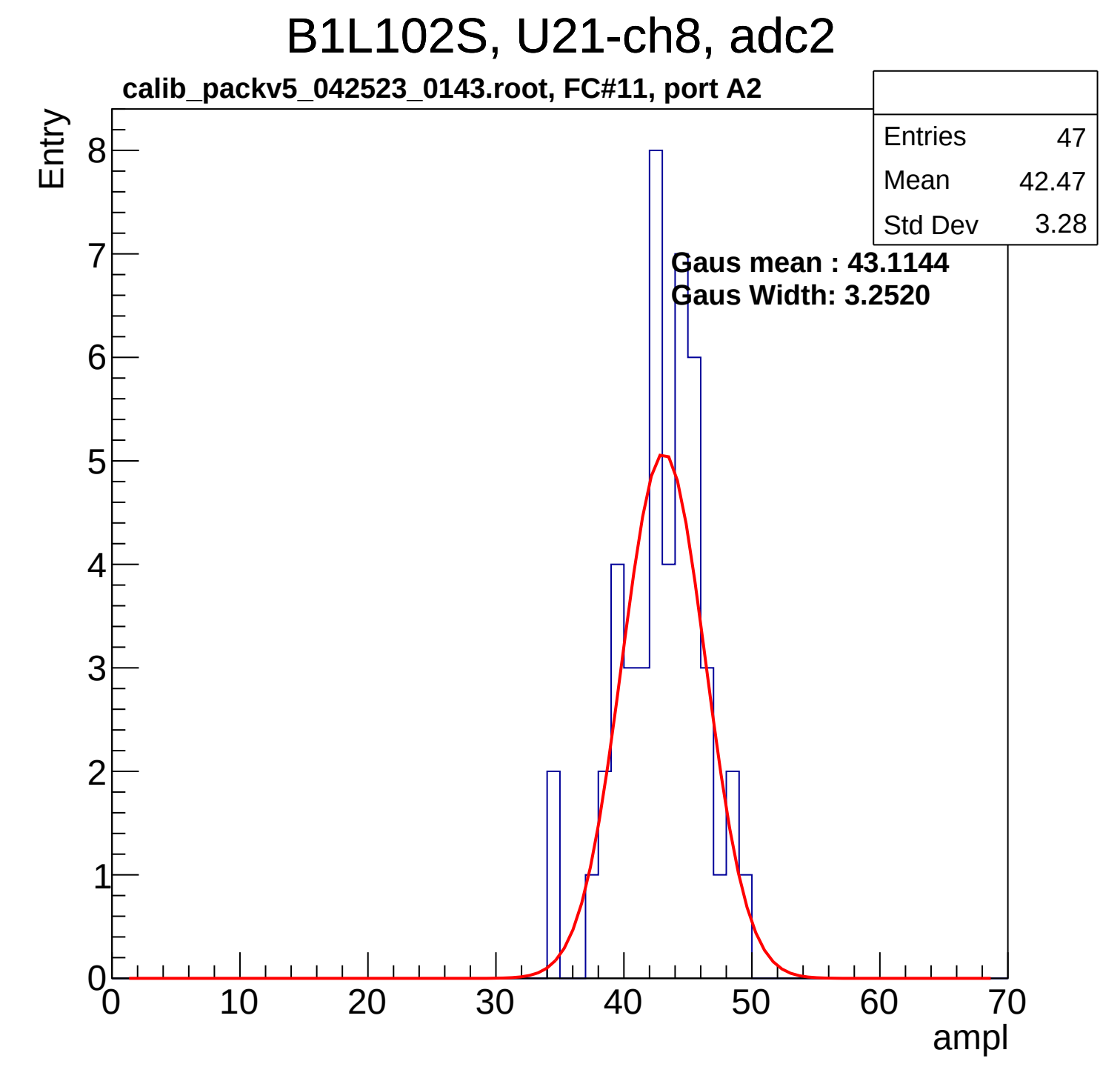
B1L102S, U21-ch8, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 47
Mean 42.47
Std Dev 3.28
Gaus mean : 43.1144
Gaus Width: 3.2520
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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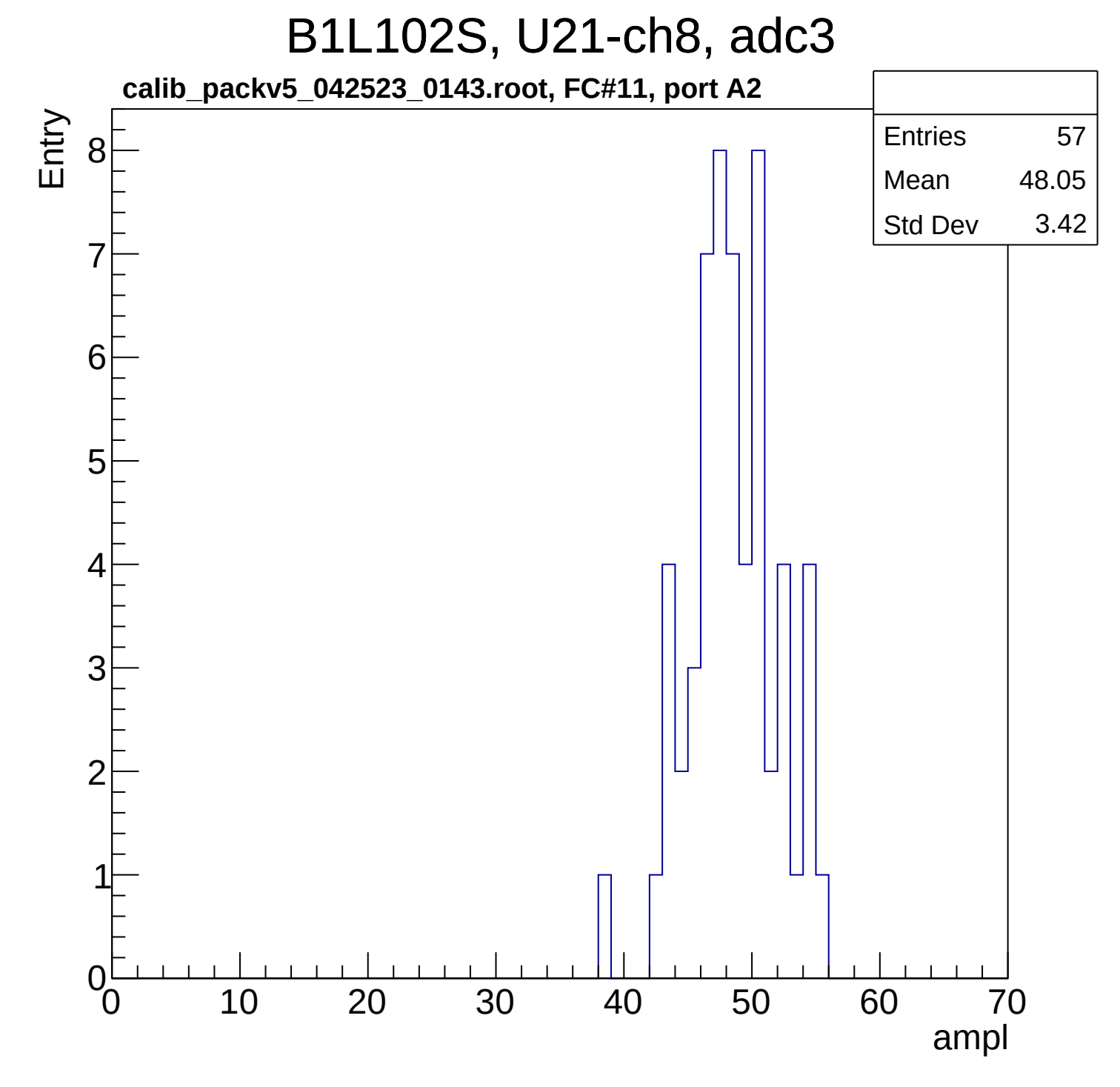
B1L102S, U21-ch8, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 48.05
Std Dev 3.42
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
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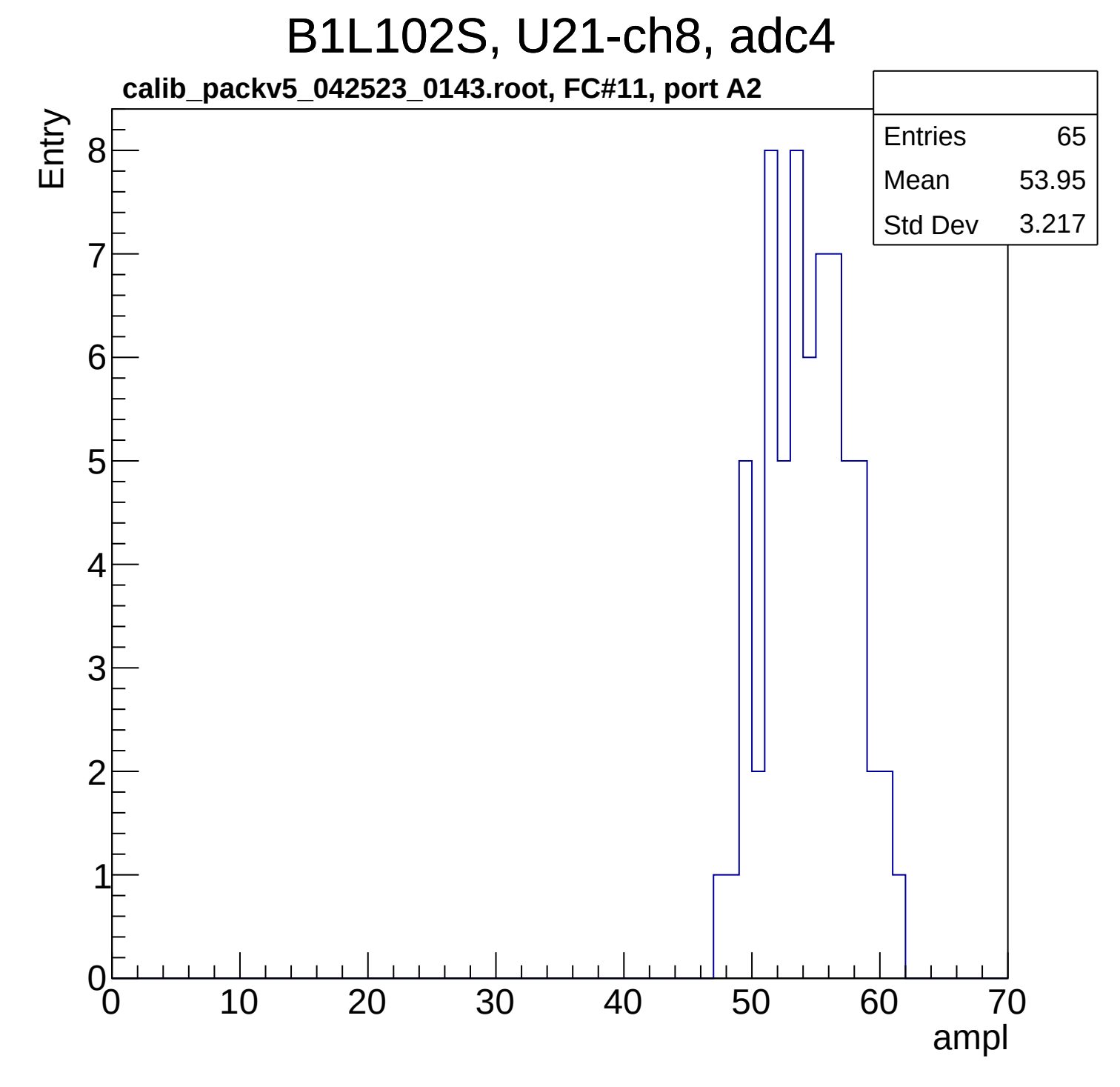
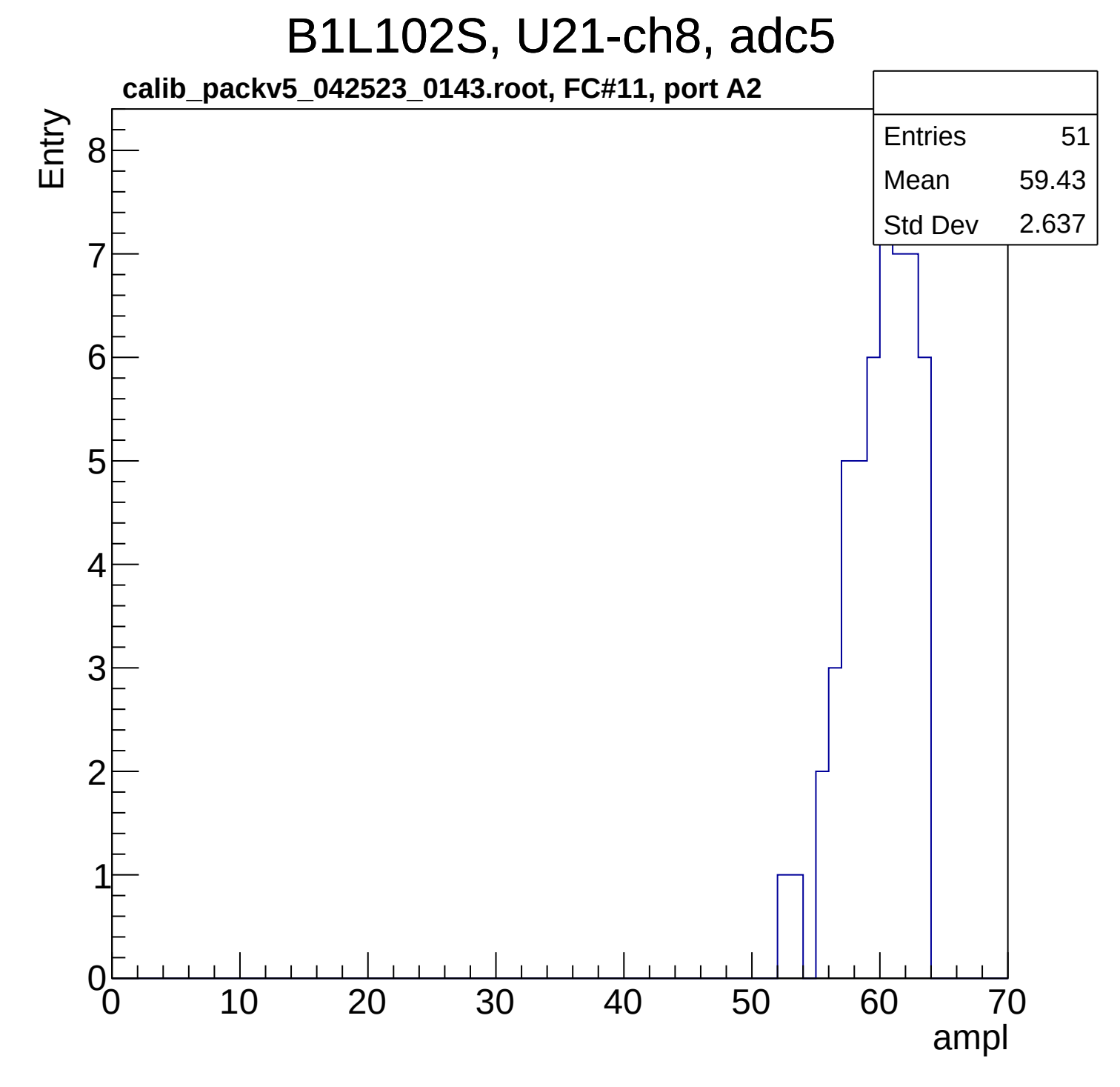
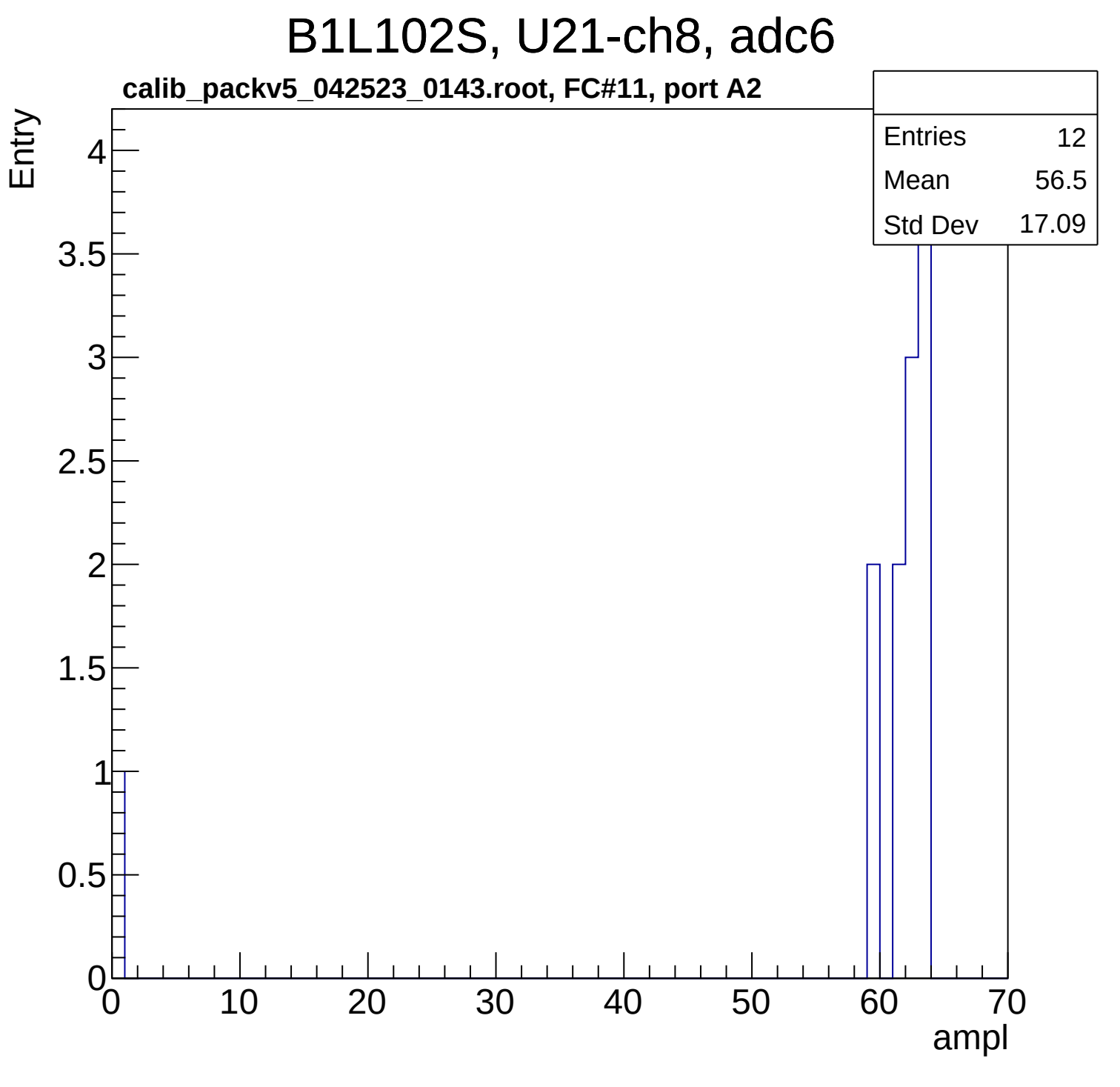
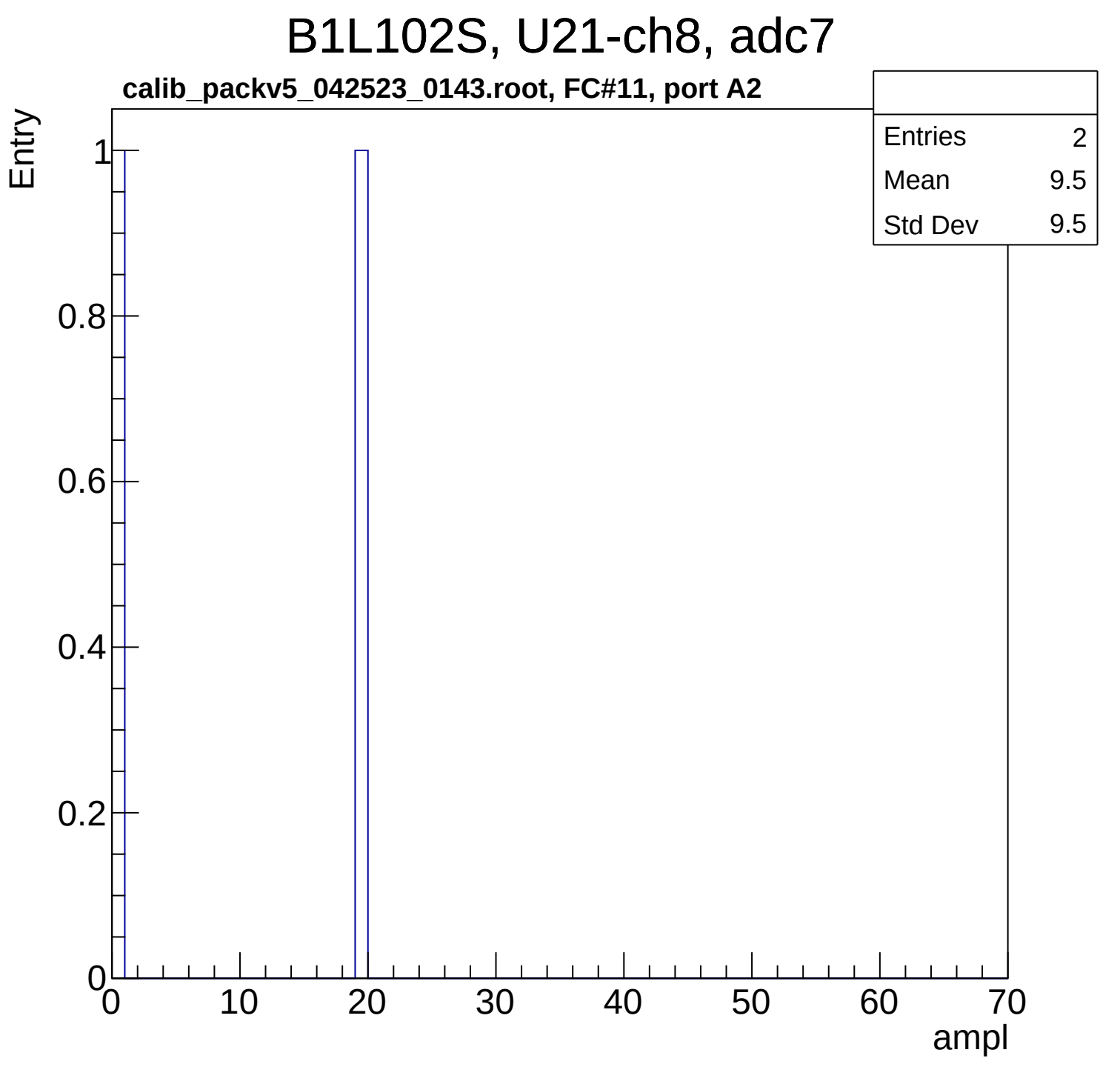
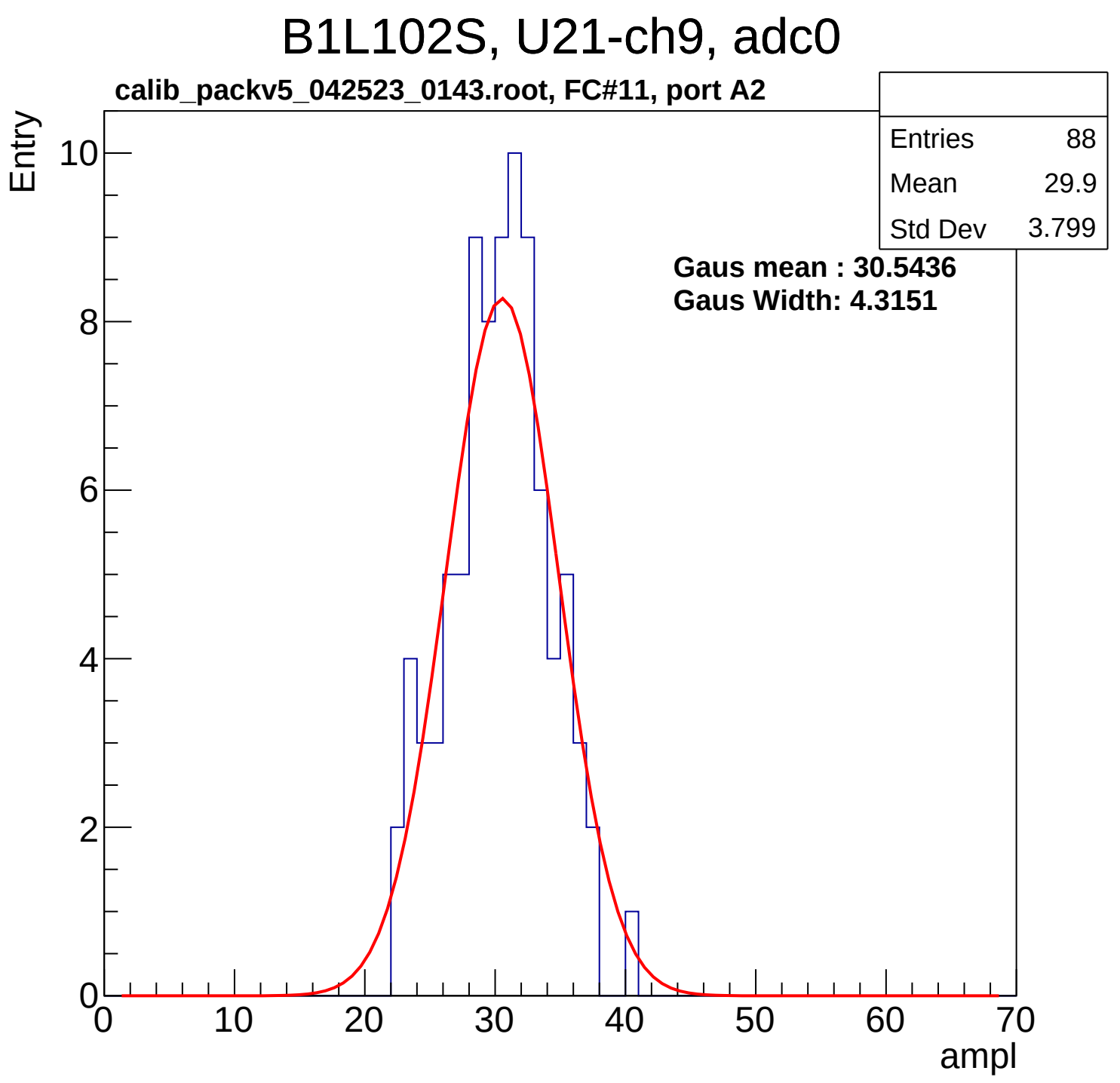
30
40
50
60
70

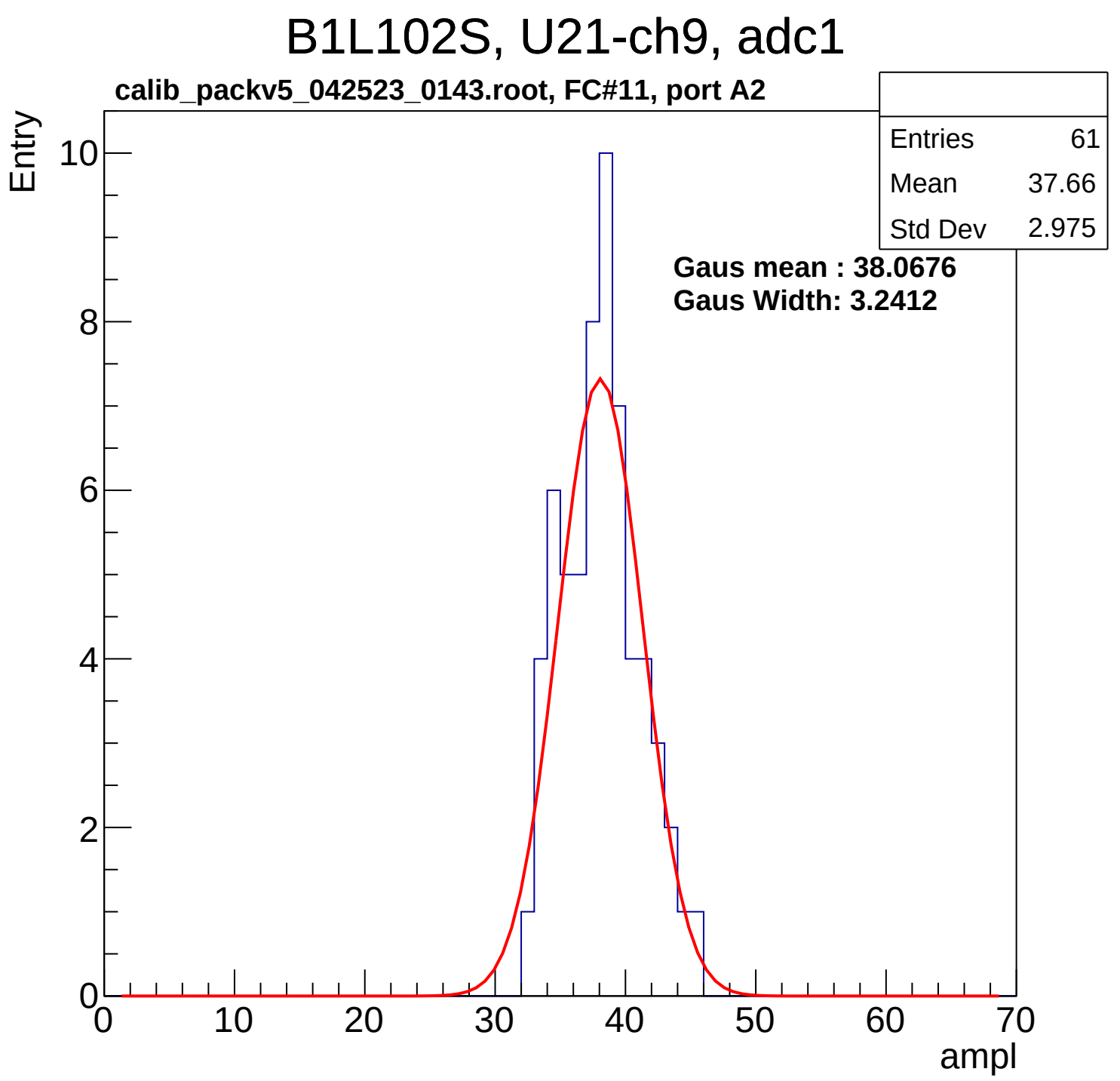

B1L102S, U21-ch8, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 53.95
Std Dev 3.217
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

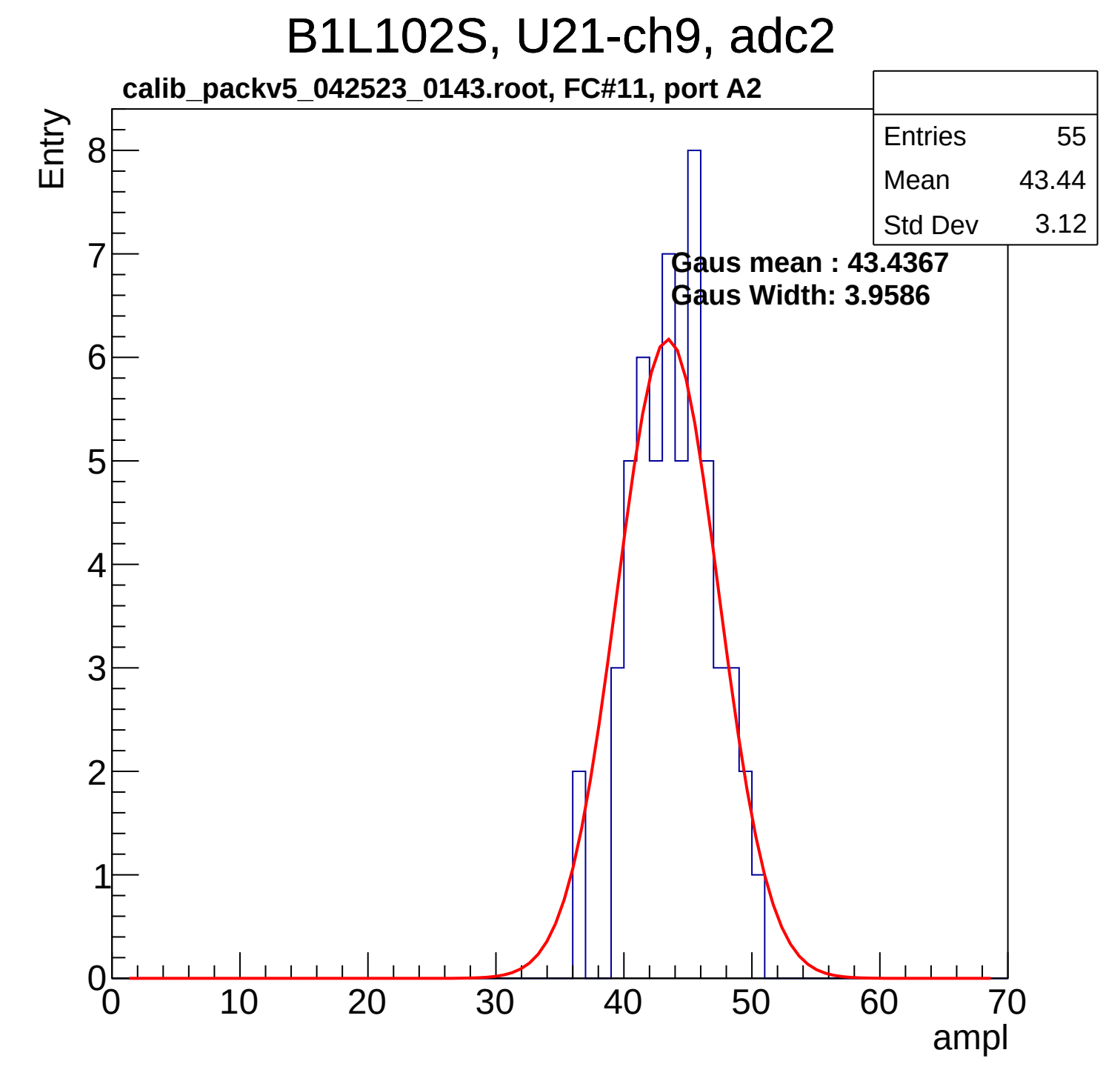

B1L102S, U21-ch8, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 59.43
Std Dev 2.637
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

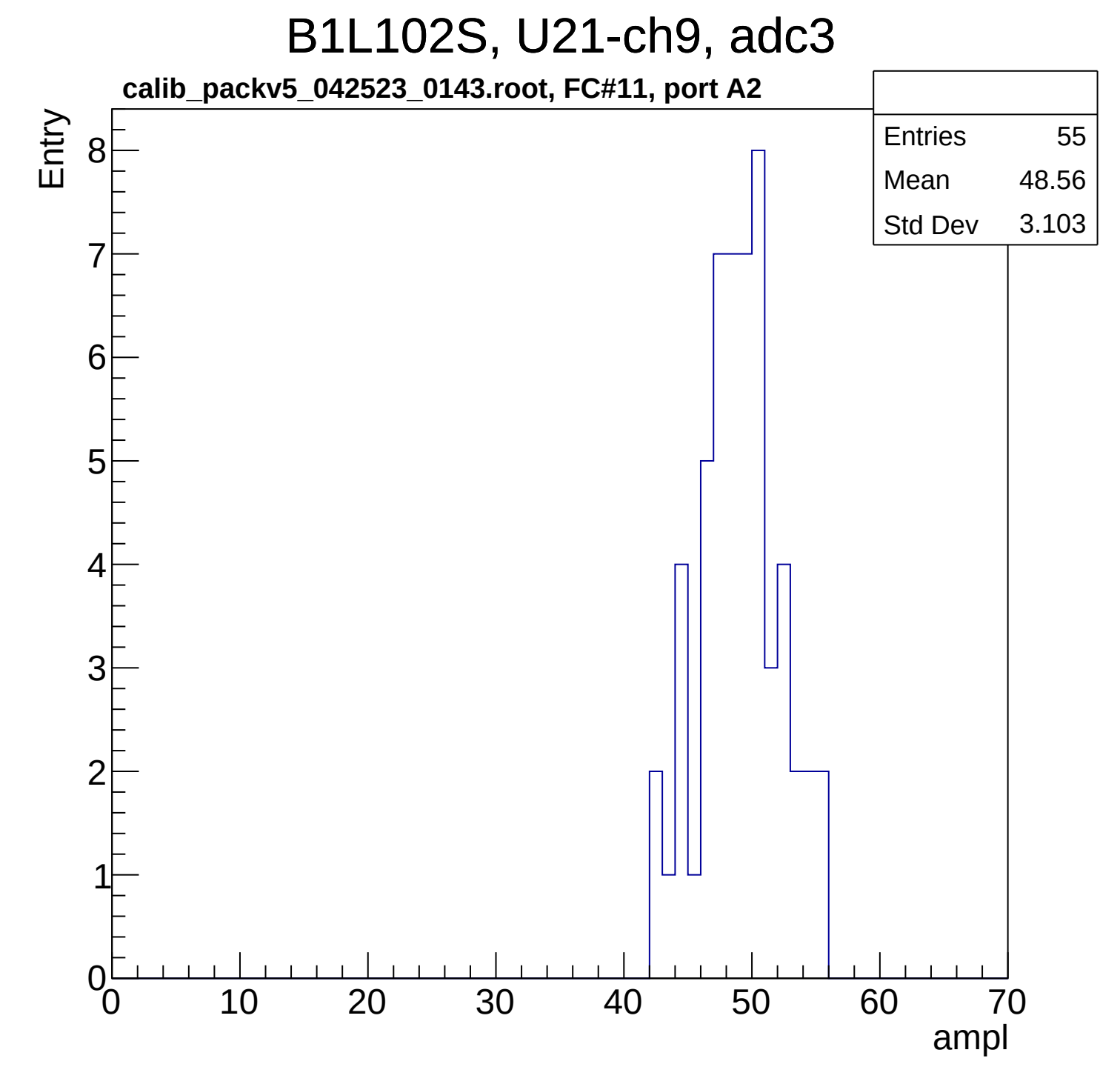

B1L102S, U21-ch8, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 12
Mean 56.5
Std Dev 17.09
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L102S, U21-ch8, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 9.5
Std Dev 9.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch9, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 88
Mean 29.9
Std Dev 3.799
Gaus mean : 30.5436
Gaus Width: 4.3151
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch9, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 37.66
Std Dev 2.975
Gaus mean : 38.0676
Gaus Width: 3.2412
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch9, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 43.44
Std Dev 3.12
Gaus mean : 43.4367
Gaus Width: 3.9586
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch9, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 48.56
Std Dev 3.103
Entry
ampl
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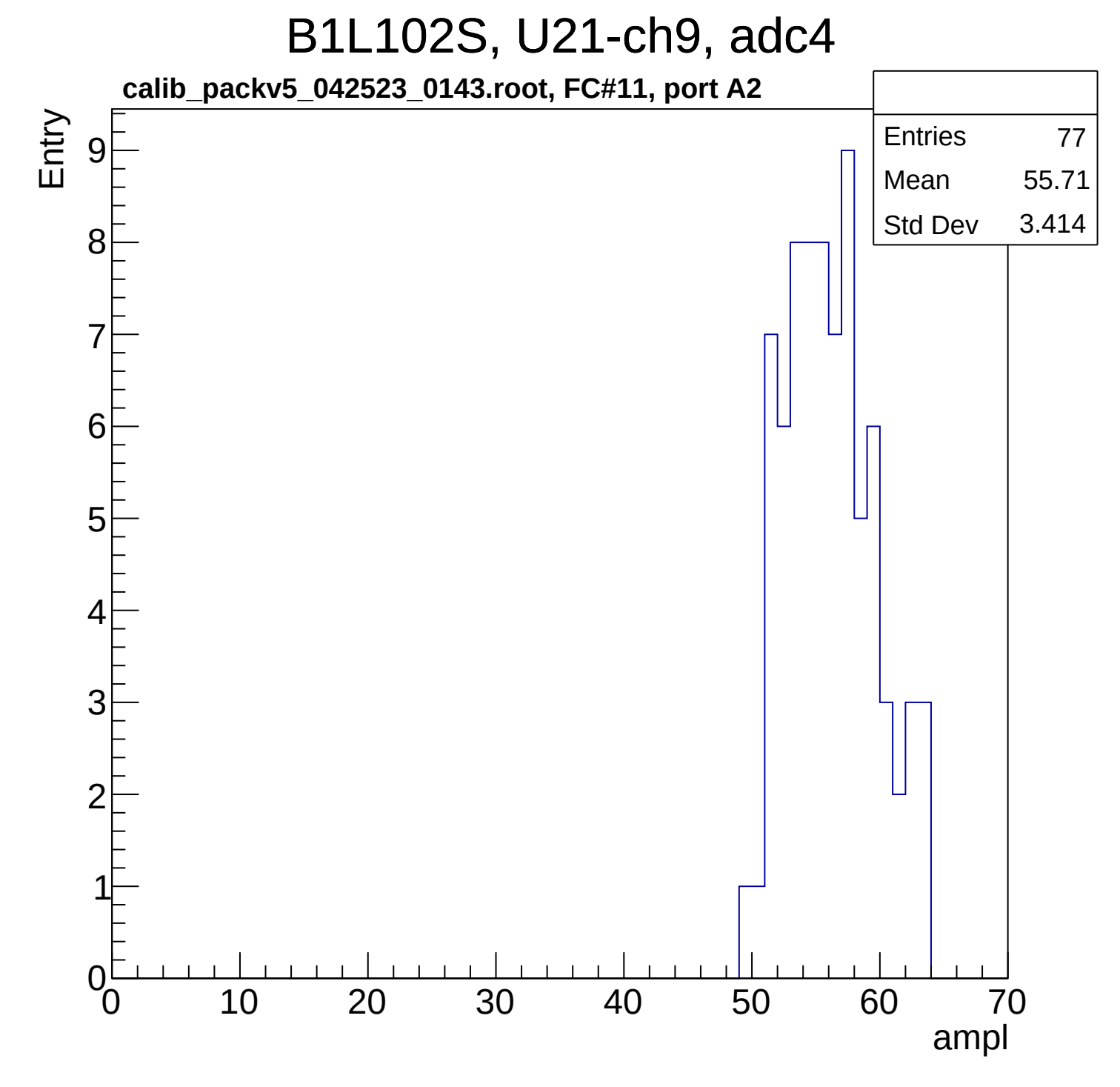
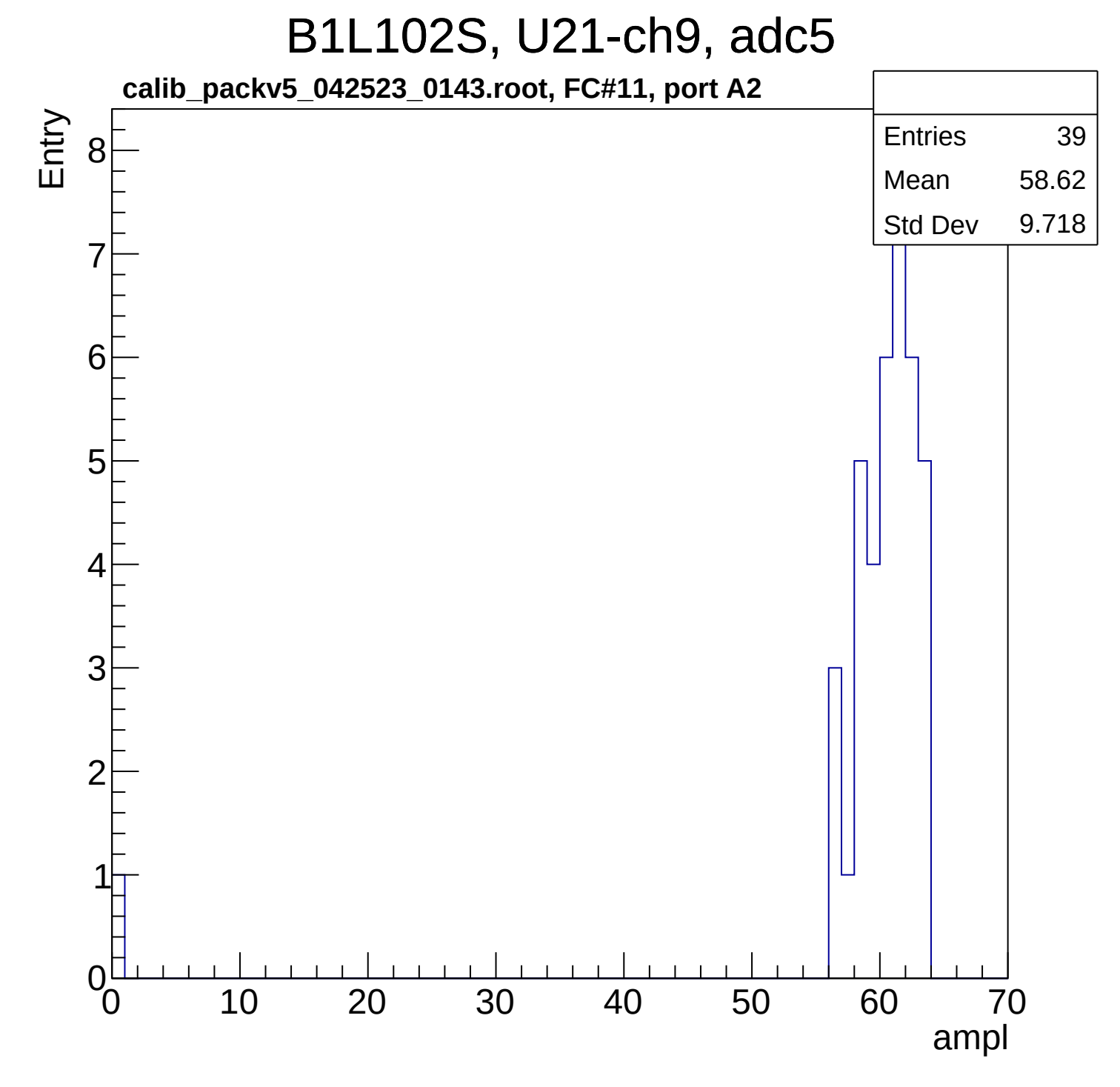
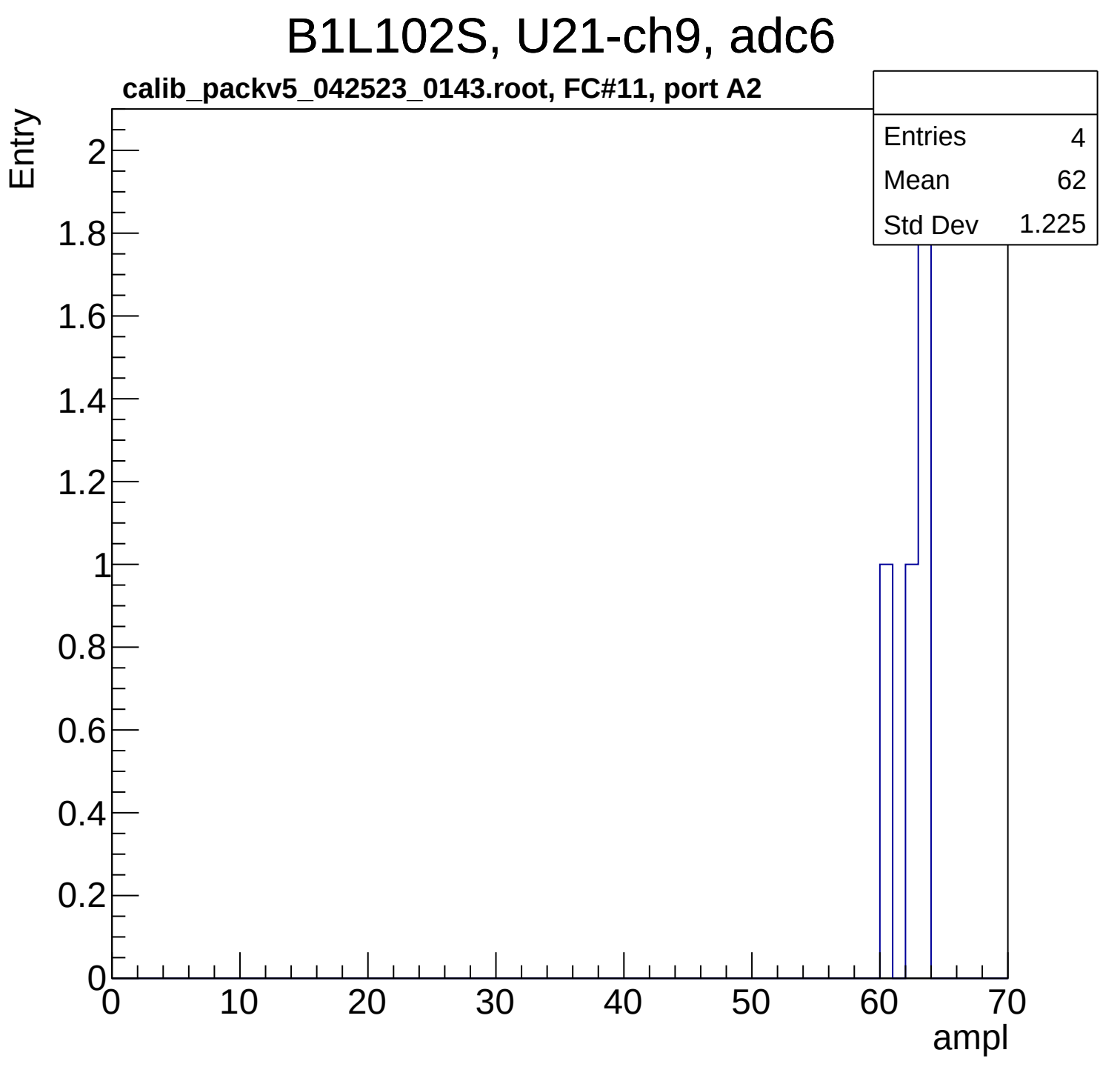
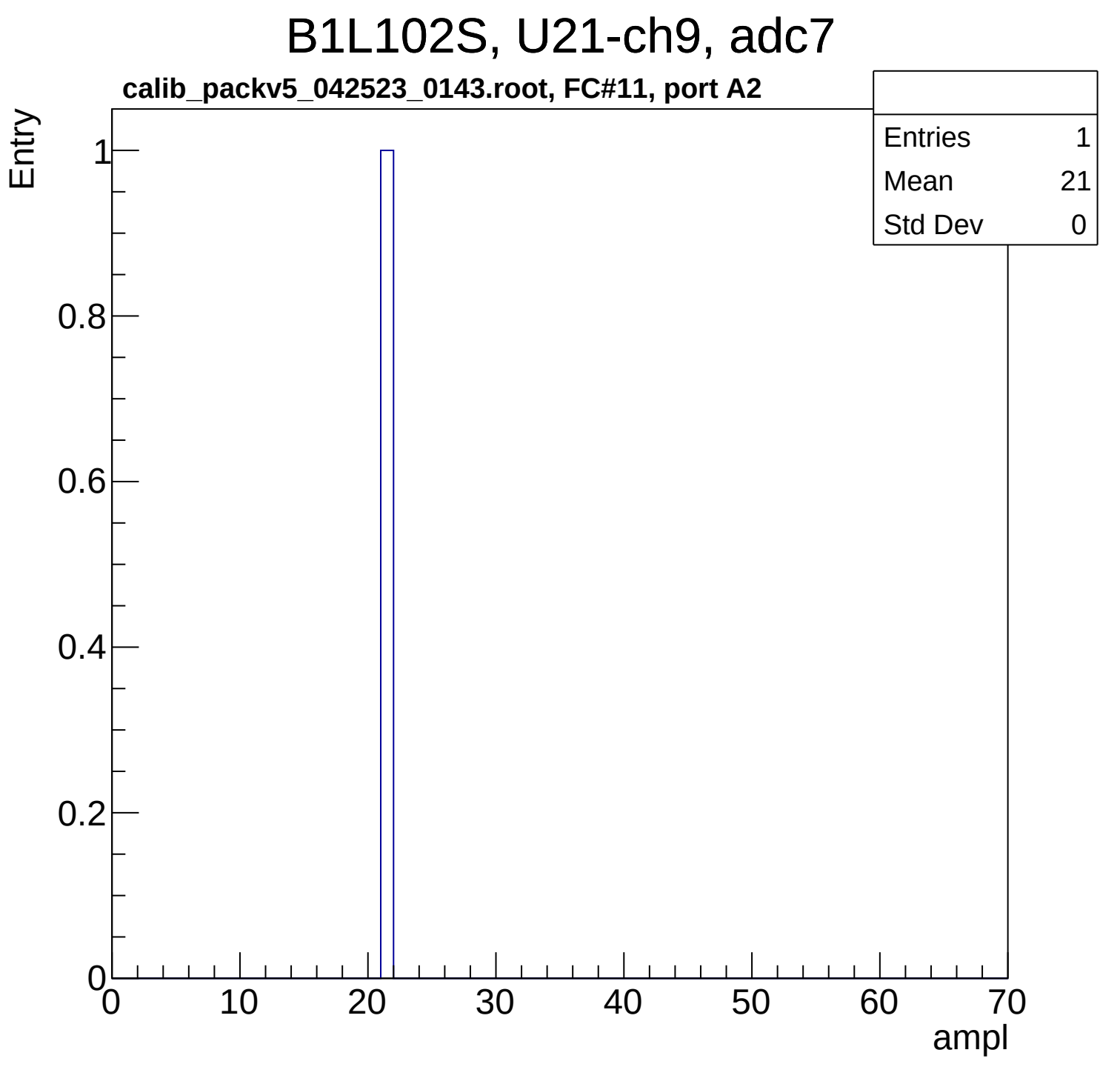
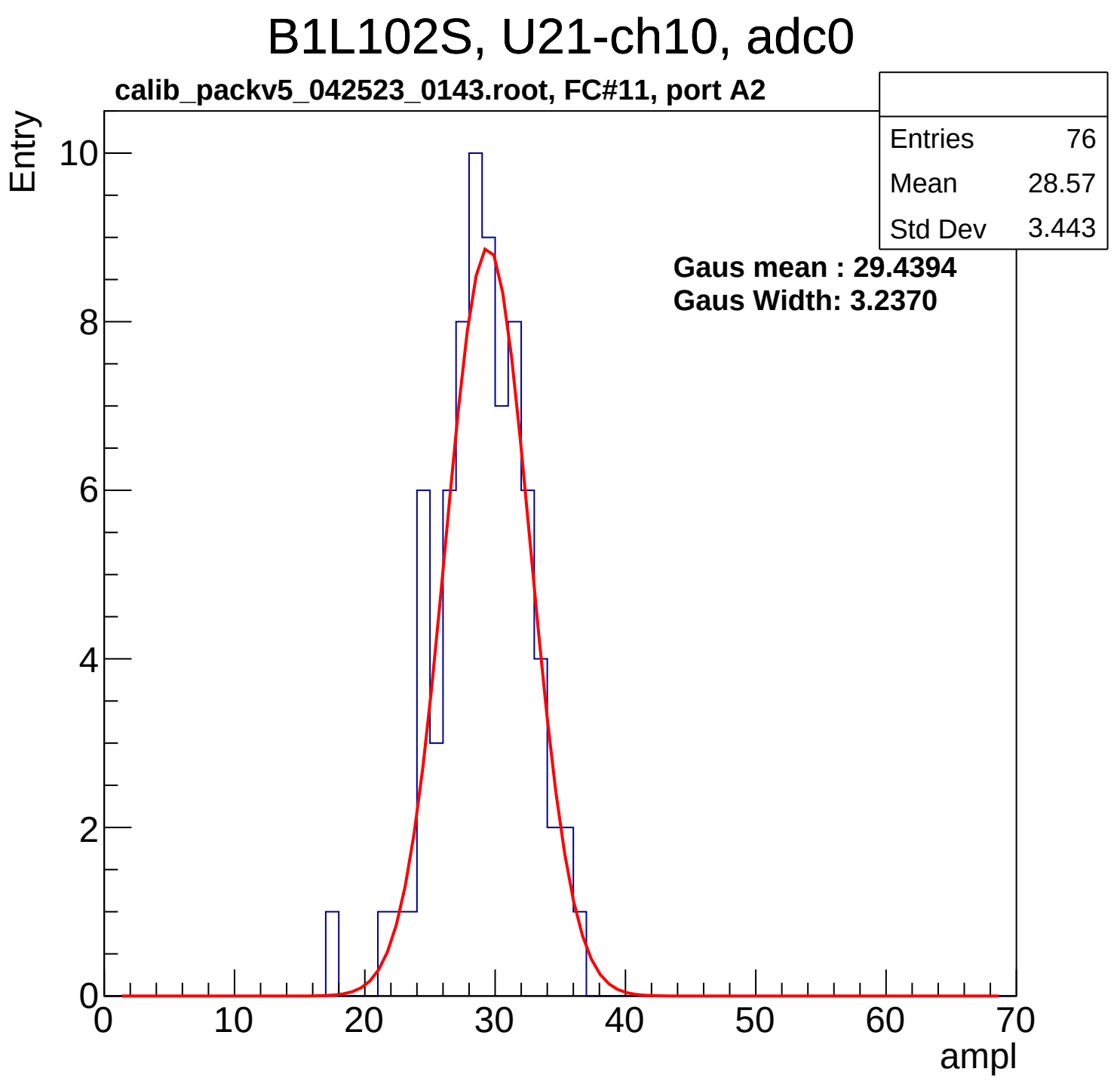
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

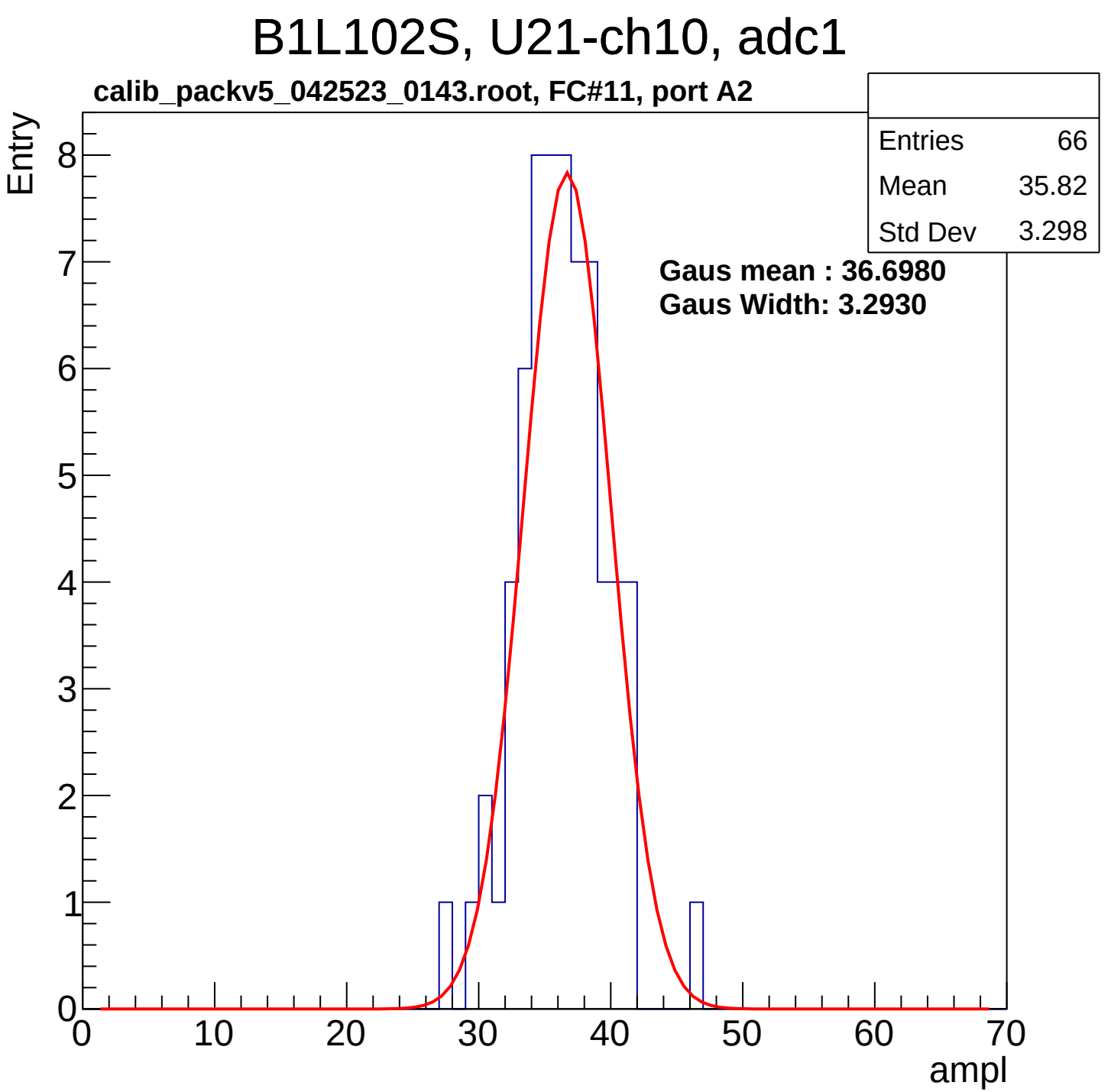

B1L102S, U21-ch9, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 55.71
Std Dev 3.414
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

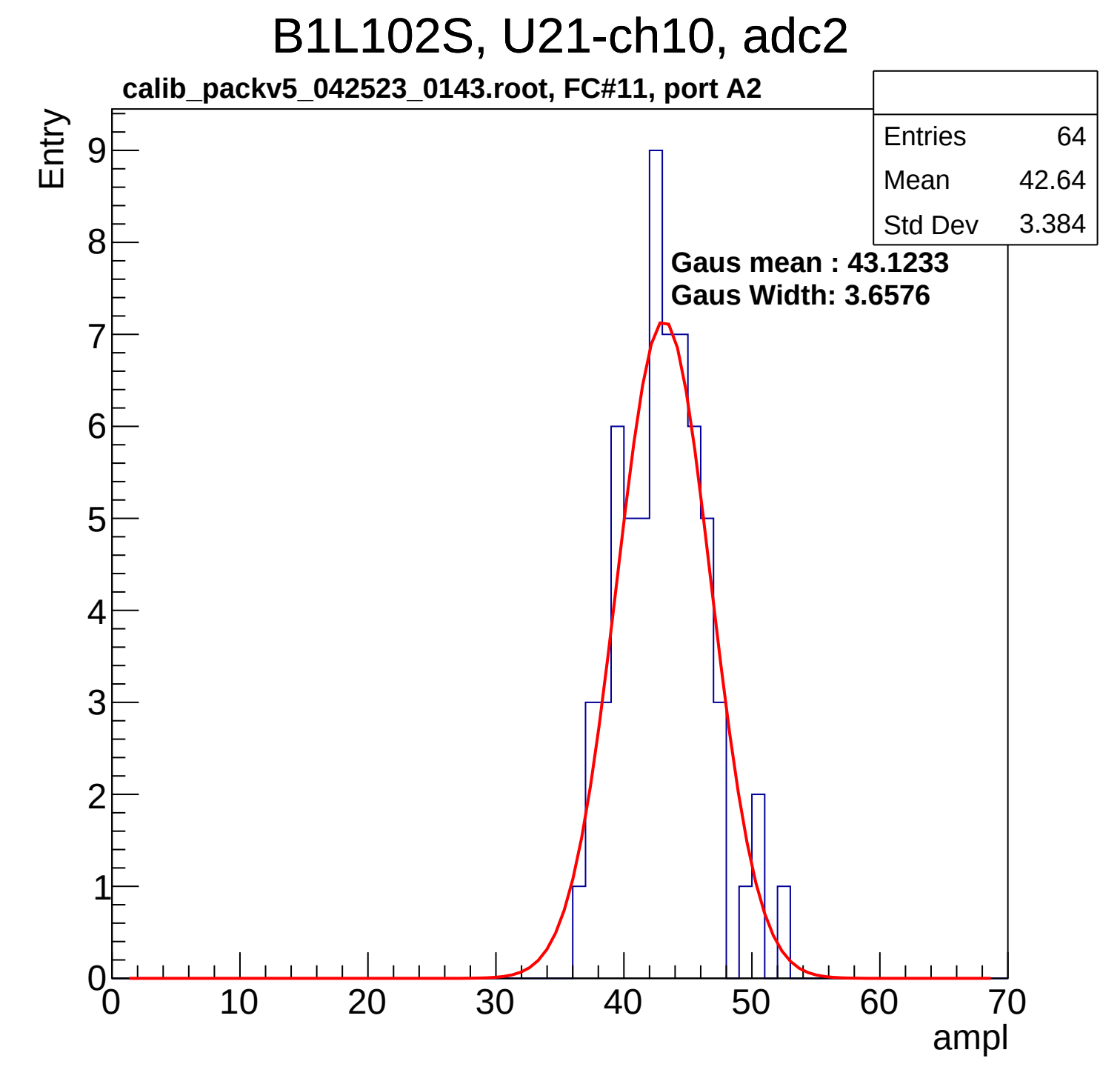

B1L102S, U21-ch9, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 39
Mean 58.62
Std Dev 9.718
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

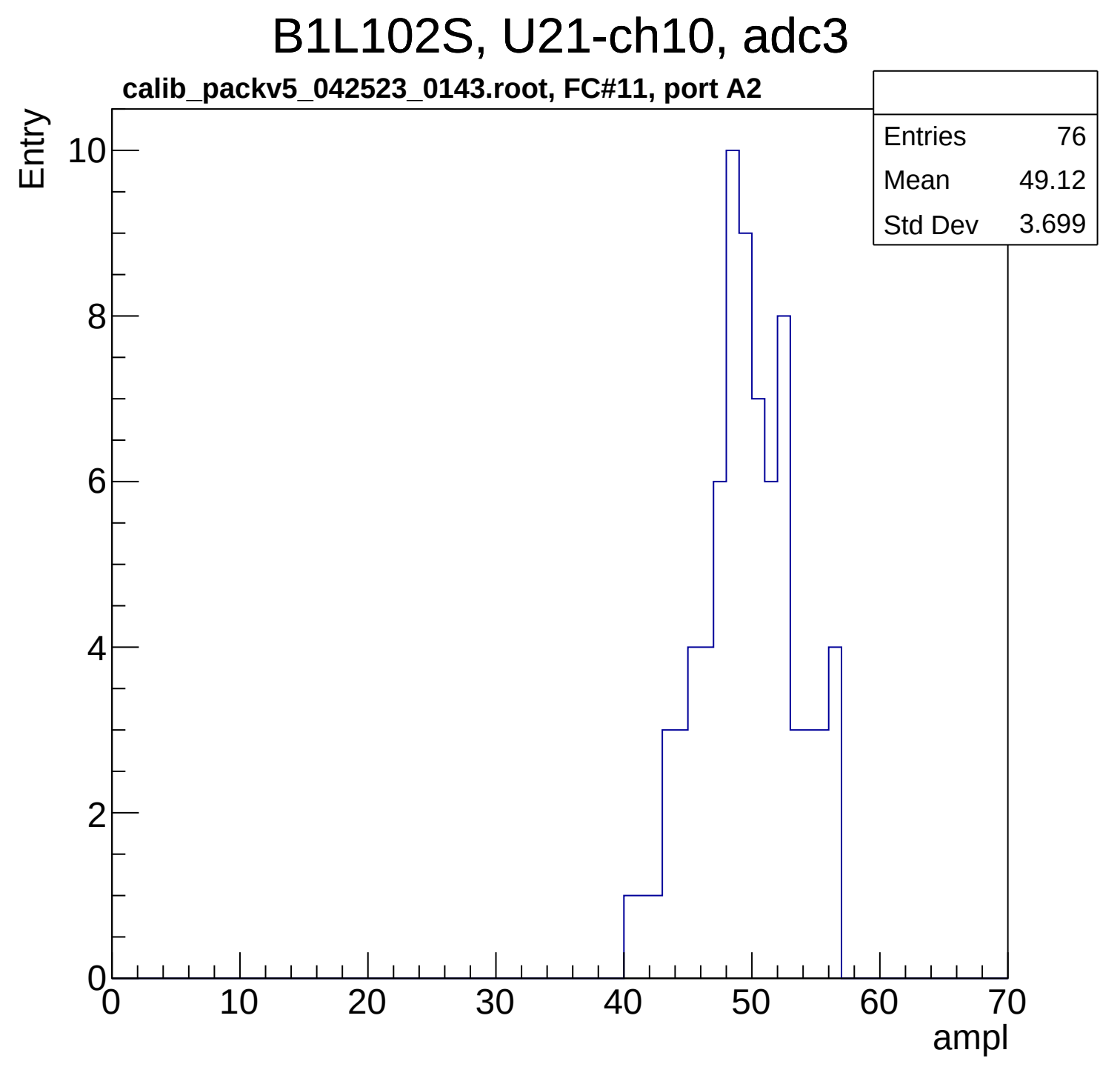

B1L102S, U21-ch9, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 62
Std Dev 1.225
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

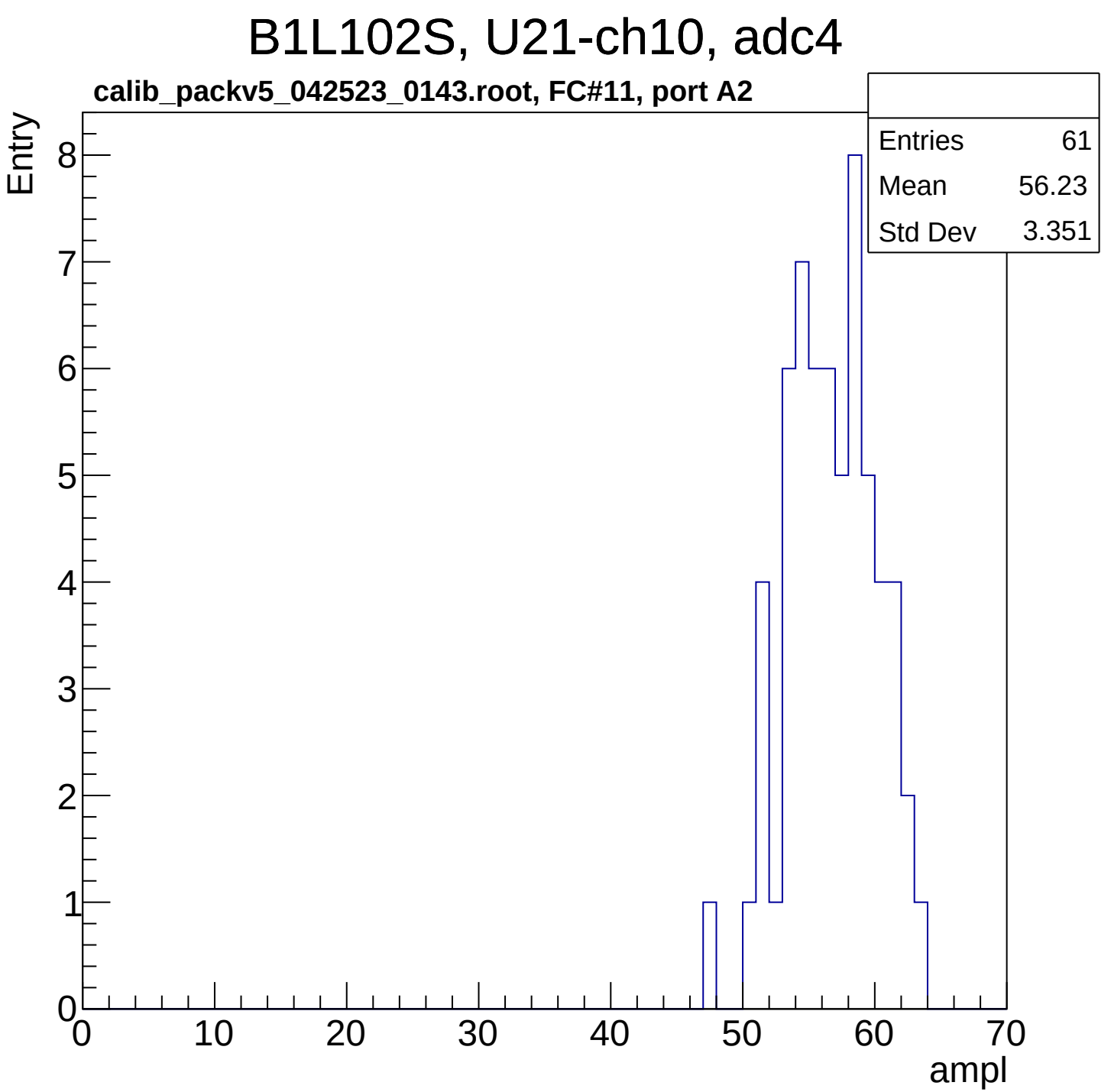

B1L102S, U21-ch9, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 21
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L102S, U21-ch10, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 76
Mean 28.57
Std Dev 3.443
Gaus mean : 29.4394
Gaus Width: 3.2370
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch10, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 35.82
Std Dev 3.298
Gaus mean : 36.6980
Gaus Width: 3.2930
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch10, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 42.64
Std Dev 3.384
Gaus mean : 43.1233
Gaus Width: 3.6576
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch10, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 76
Mean 49.12
Std Dev 3.699
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch10, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 56.23
Std Dev 3.351
Entry
ampl
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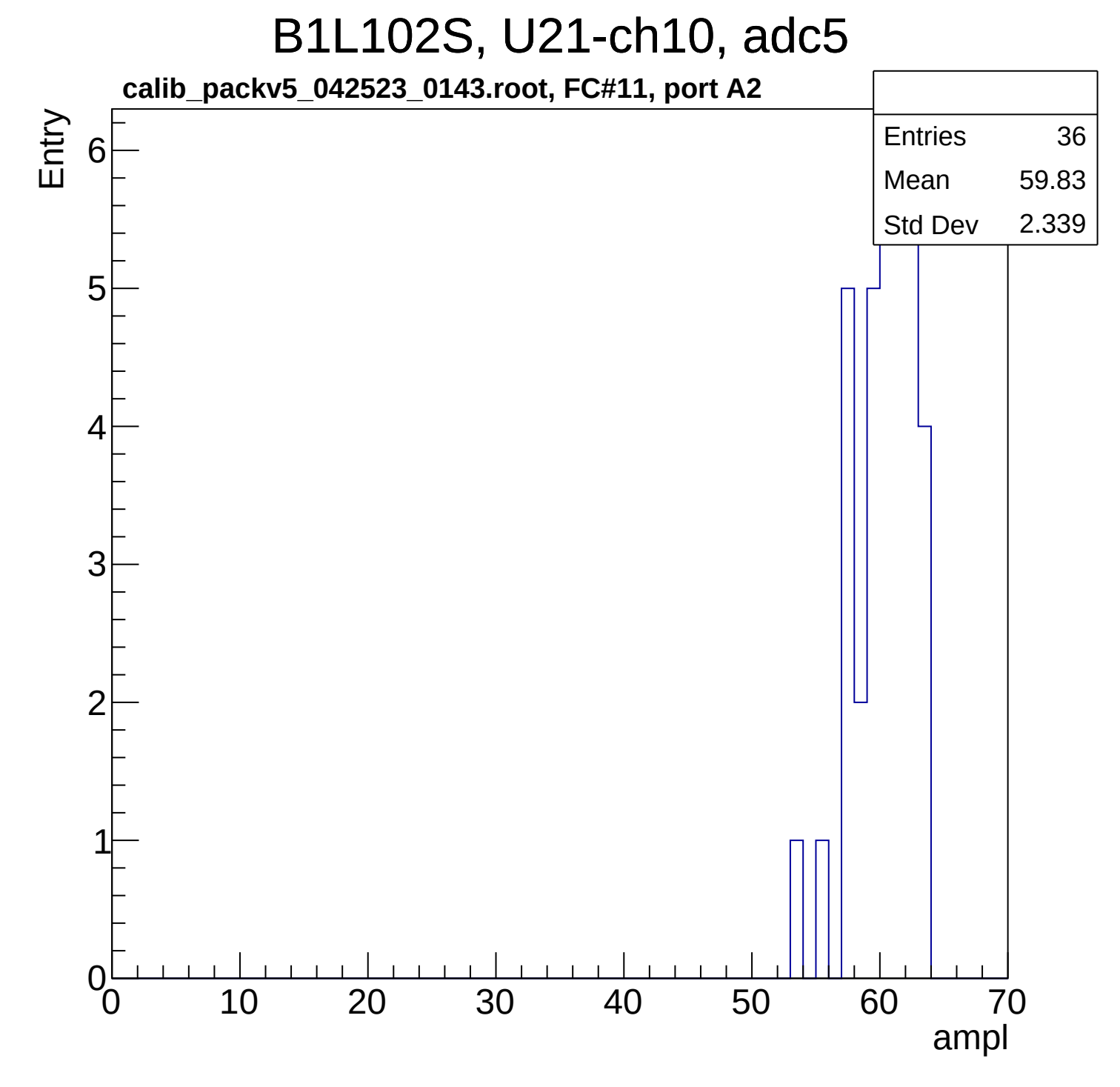
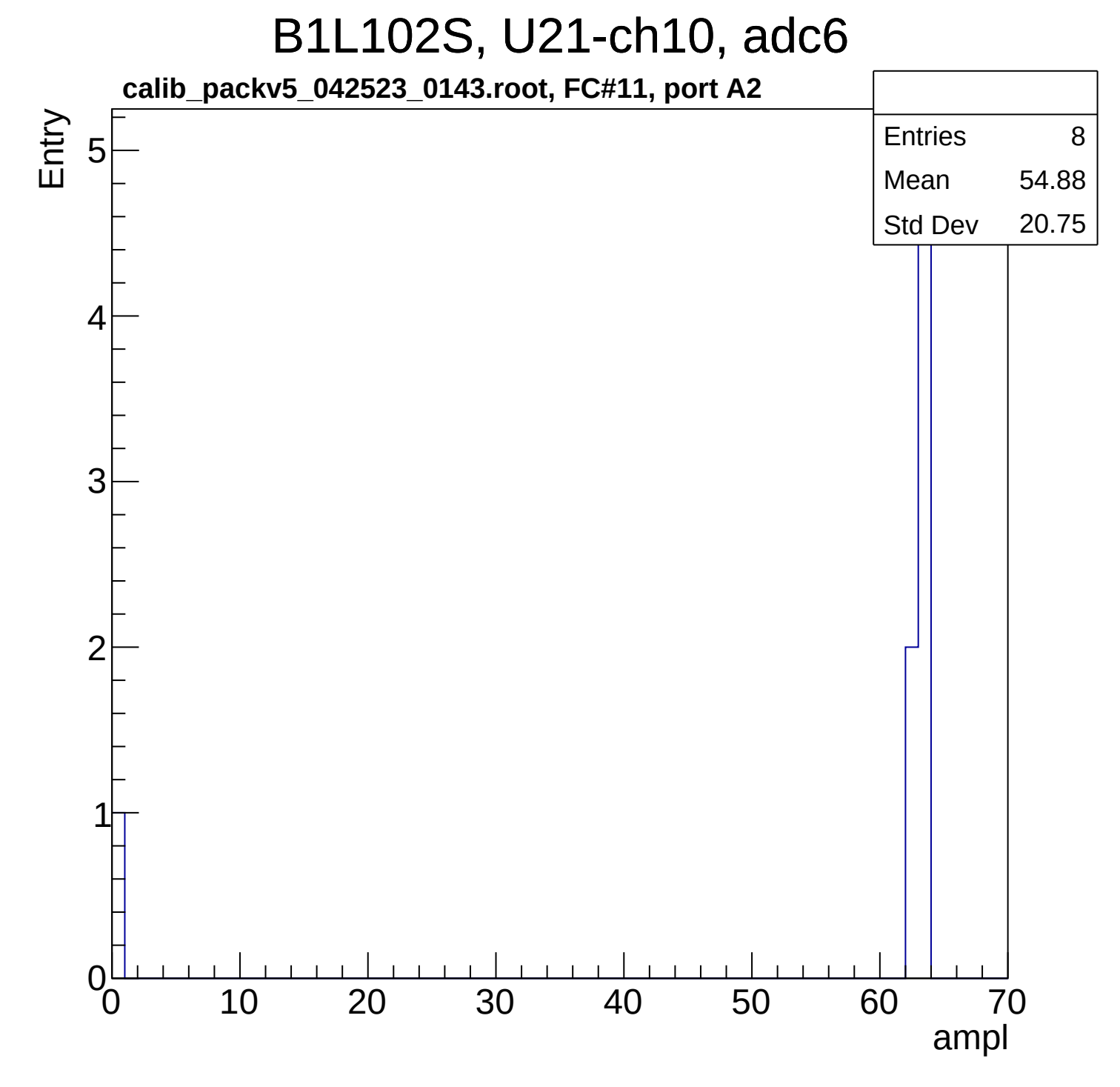
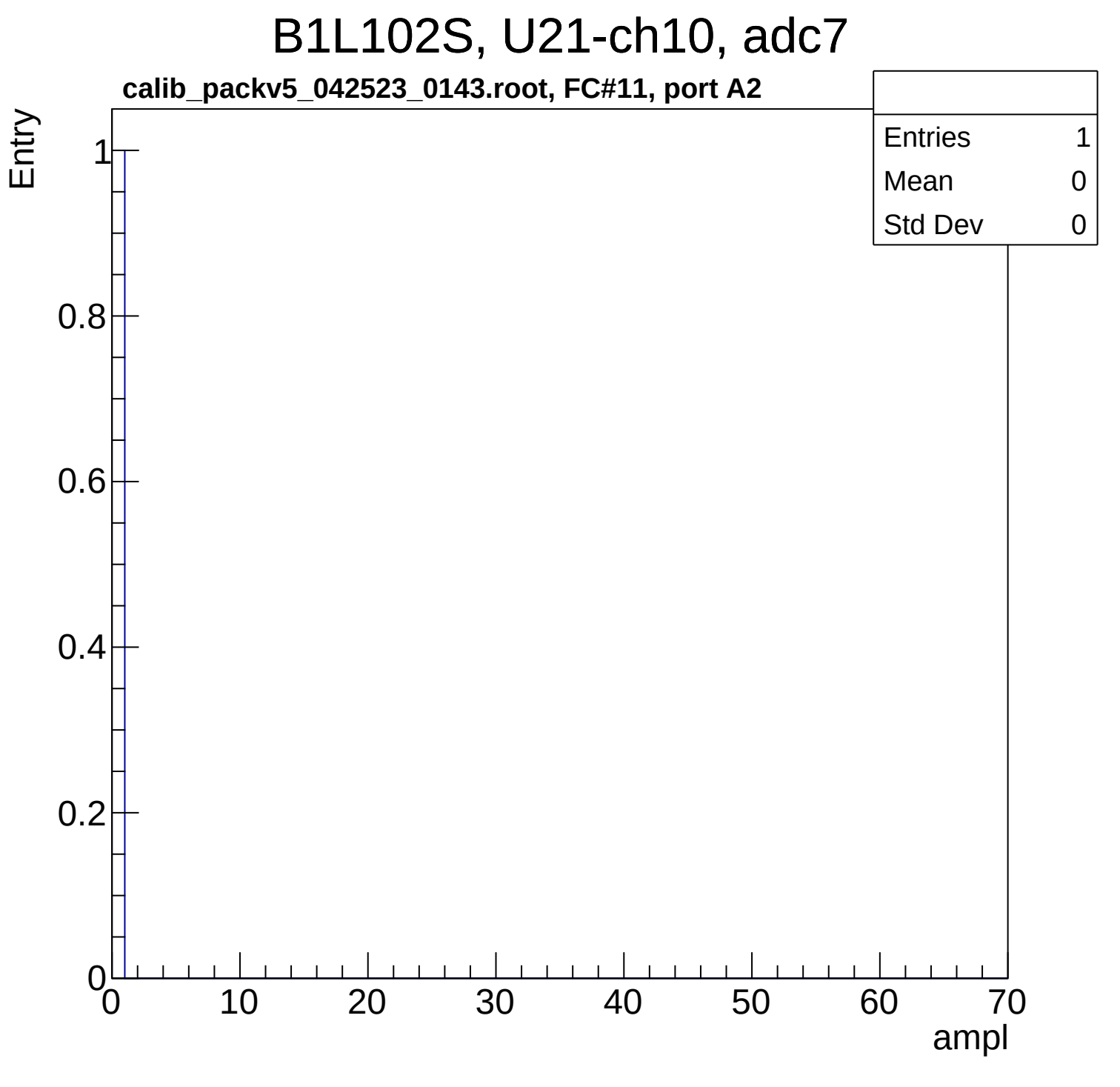
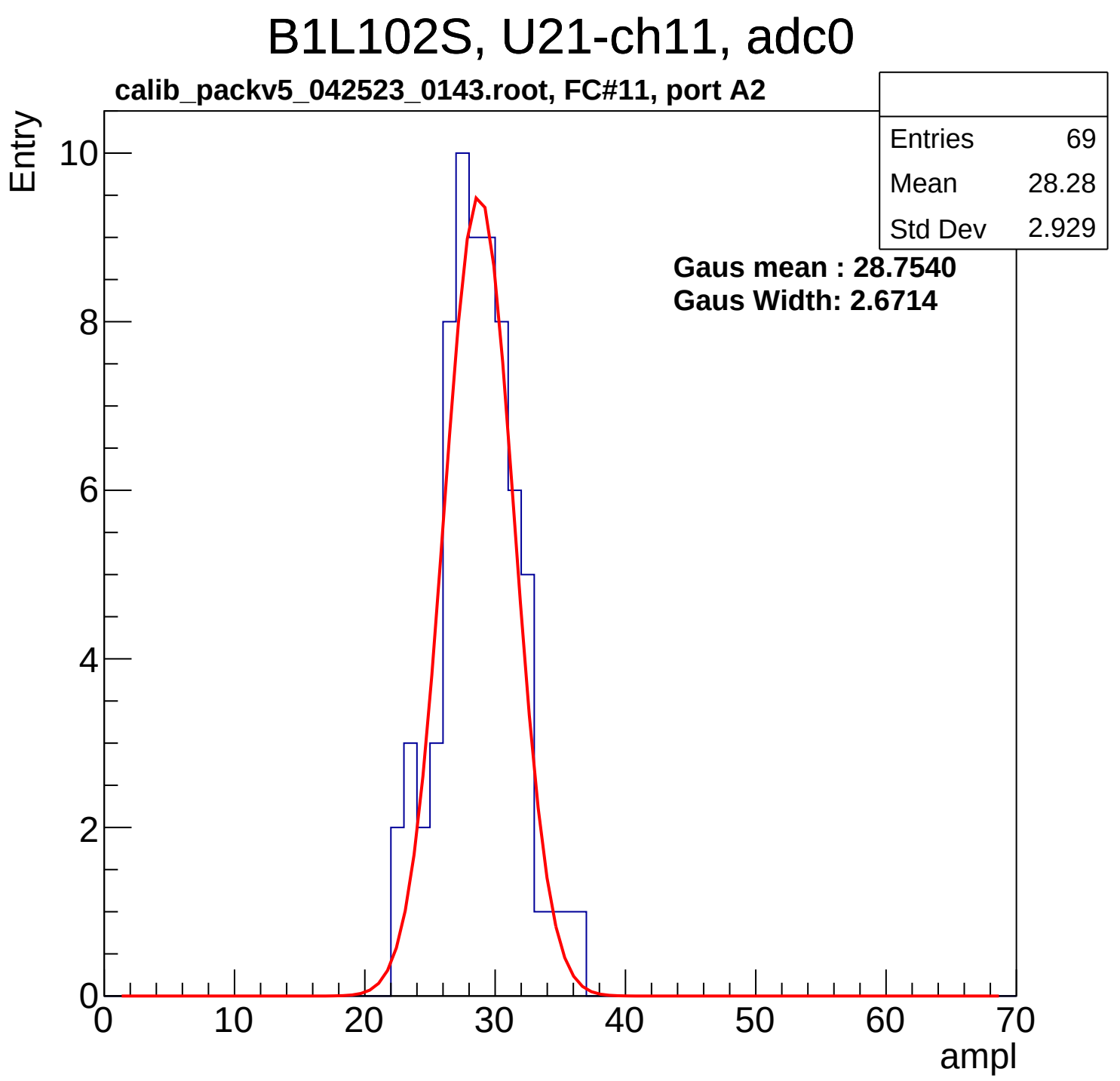
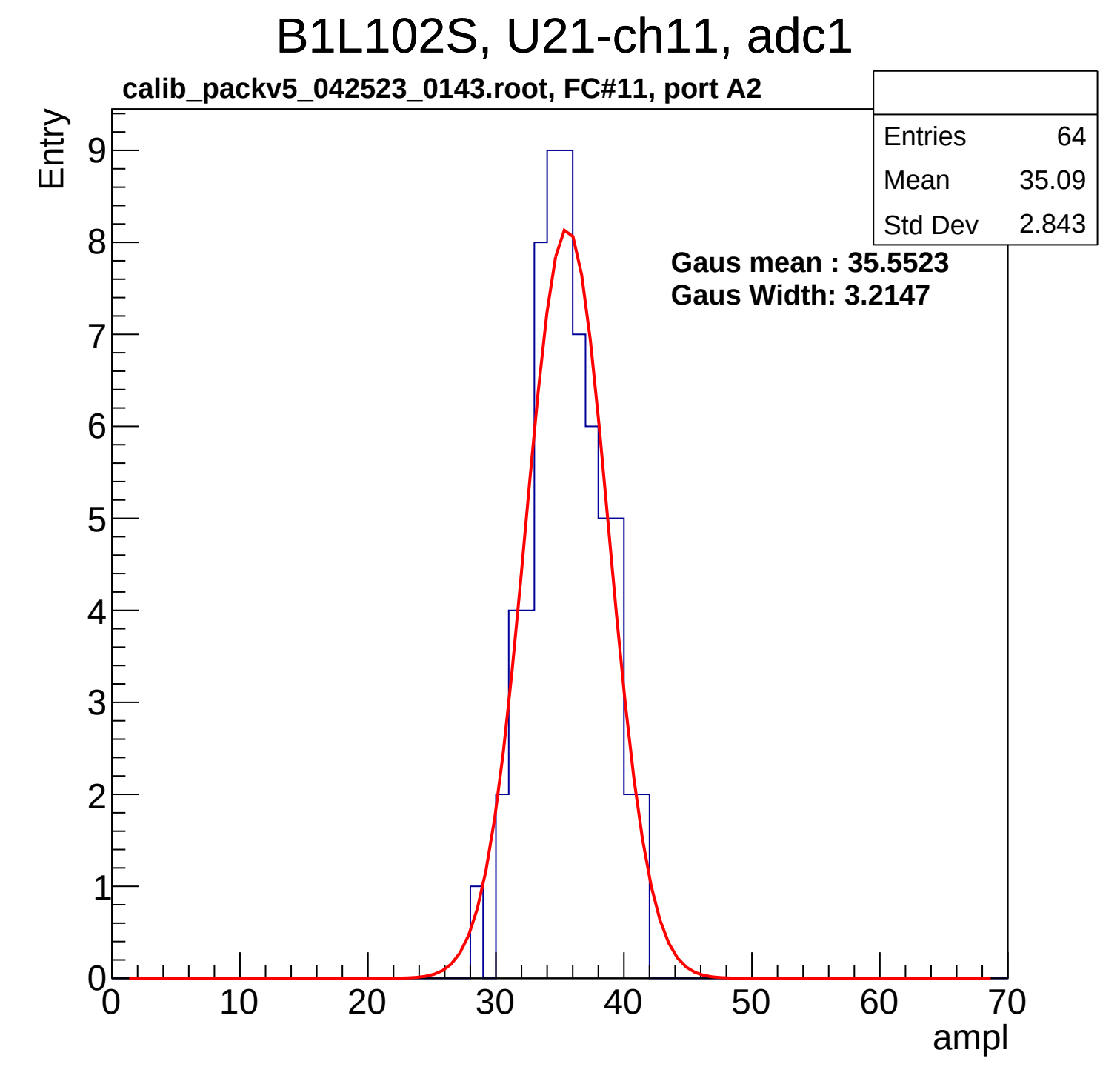
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

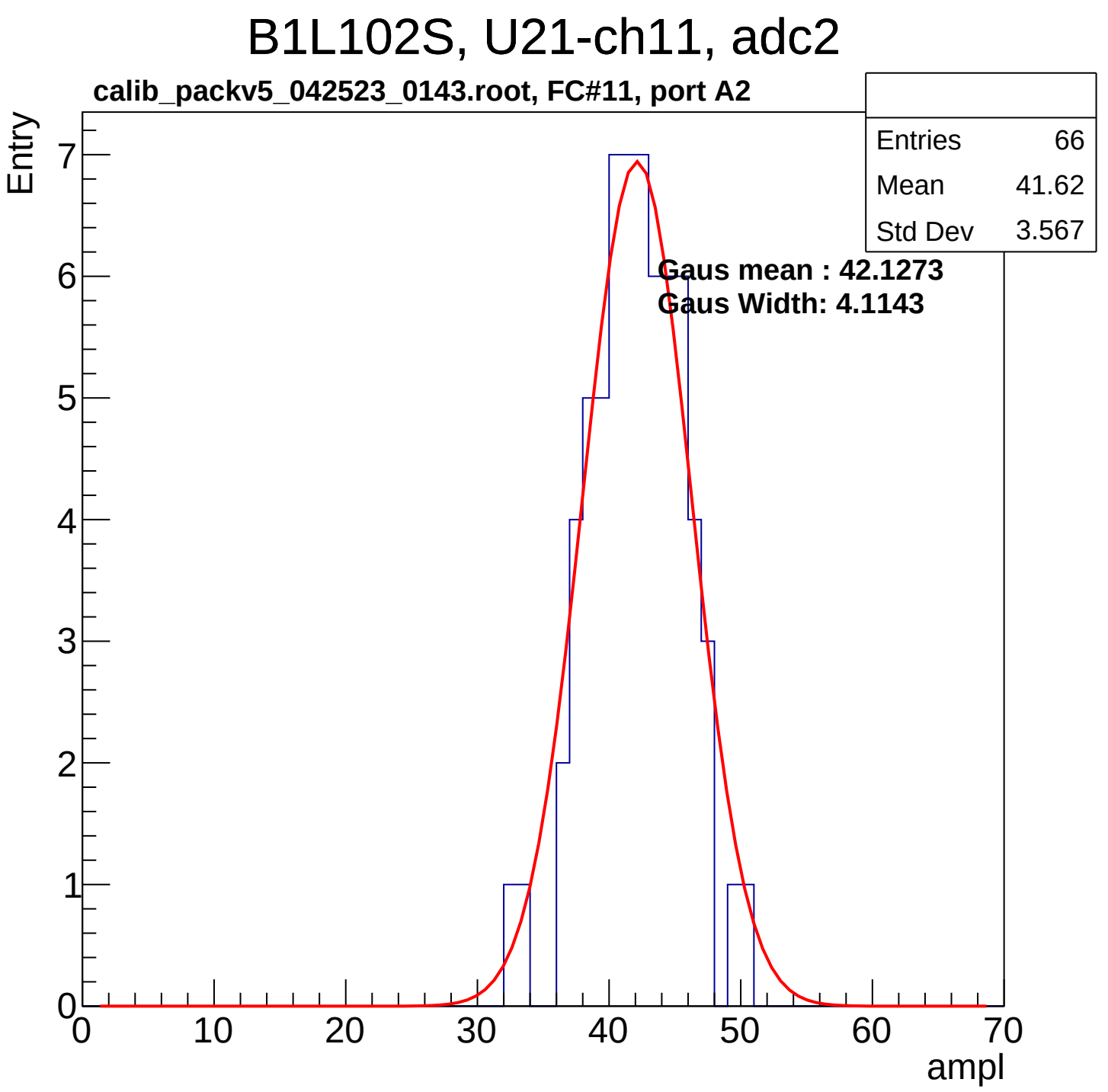

B1L102S, U21-ch10, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 36
Mean 59.83
Std Dev 2.339
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

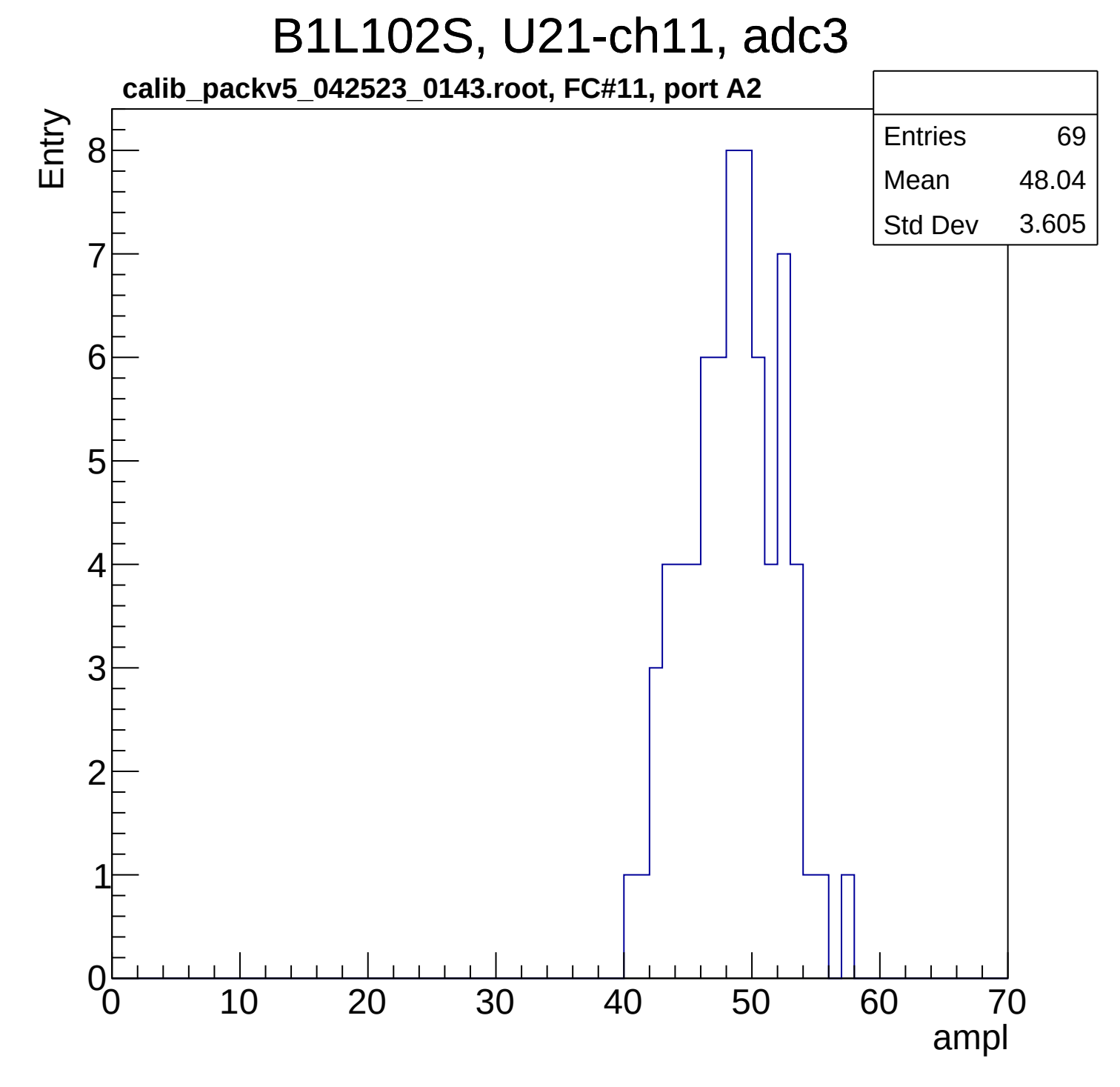

B1L102S, U21-ch10, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 8
Mean 54.88
Std Dev 20.75
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch10, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch11, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 28.28
Std Dev 2.929
Gaus mean : 28.7540
Gaus Width: 2.6714
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch11, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 35.09
Std Dev 2.843
Gaus mean : 35.5523
Gaus Width: 3.2147
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch11, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 41.62
Std Dev 3.567
Gaus mean : 42.1273
Gaus Width: 4.1143
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch11, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 48.04
Std Dev 3.605
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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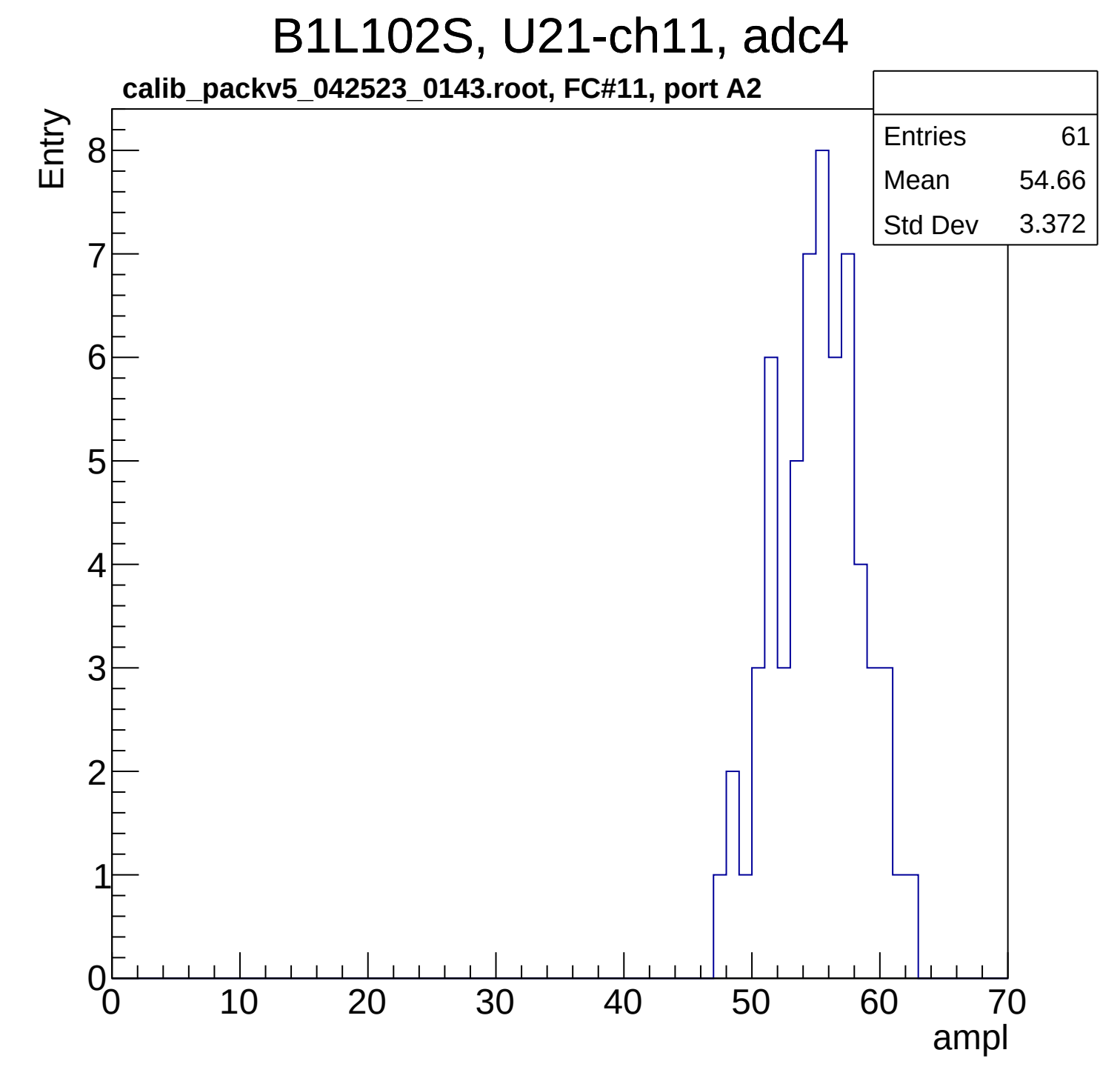
B1L102S, U21-ch11, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 54.66
Std Dev 3.372
Entry
ampl
0
1
2
3
4
5
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7
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0
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60
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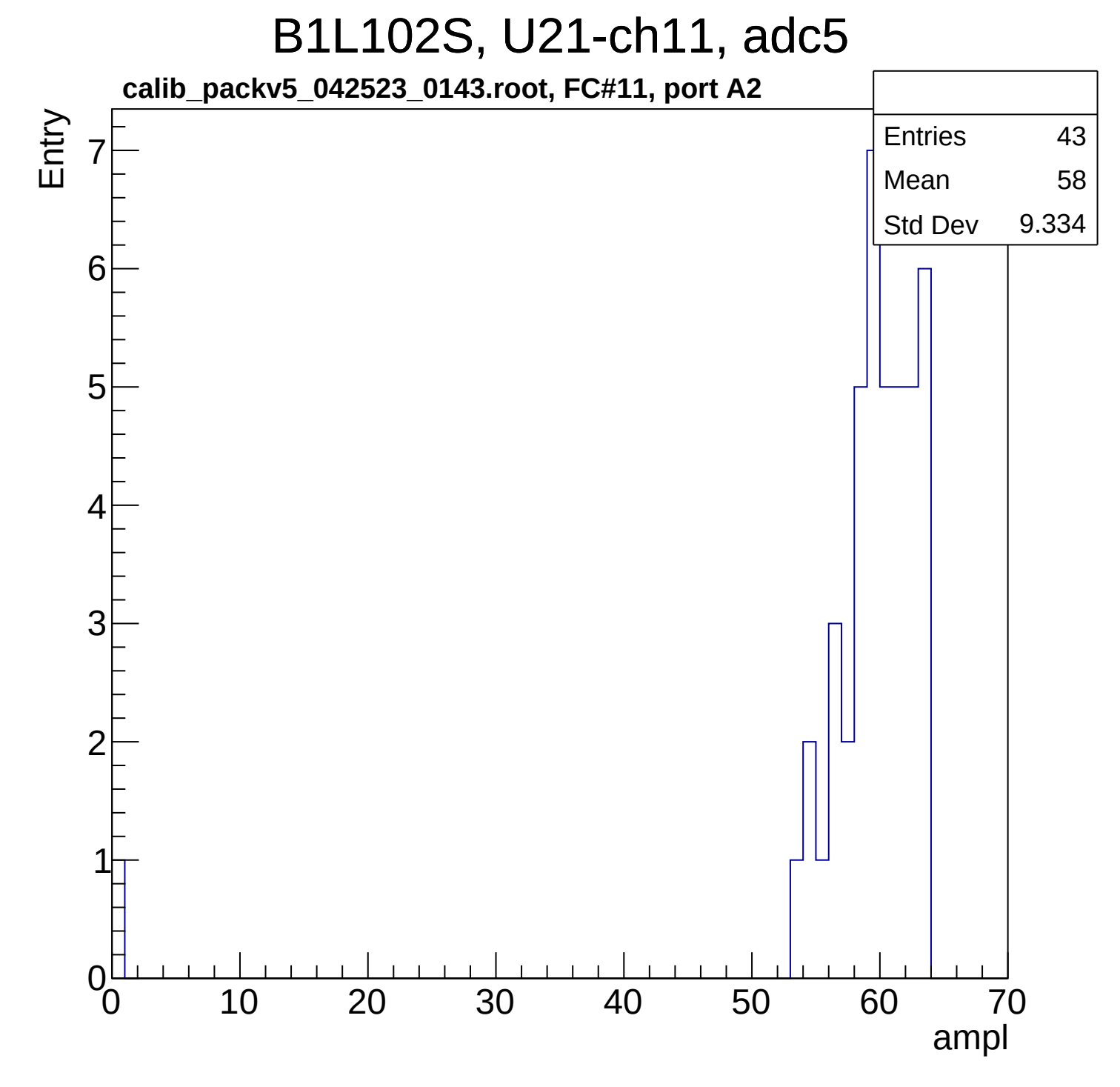
B1L102S, U21-ch11, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 43
Mean 58
Std Dev 9.334
Entry
ampl
0
1
2
3
4
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6
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0
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60
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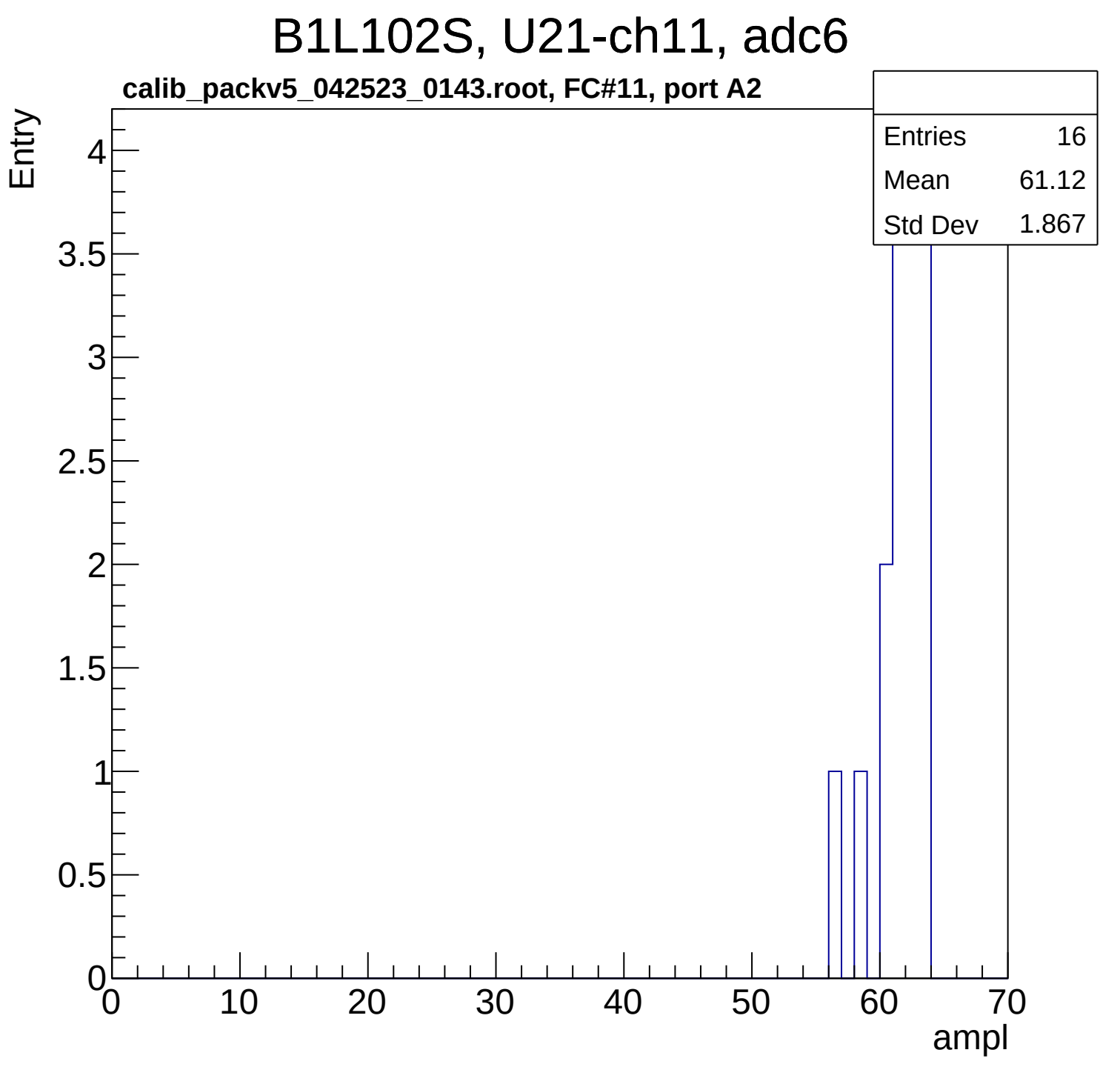
B1L102S, U21-ch11, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 16
Mean 61.12
Std Dev 1.867
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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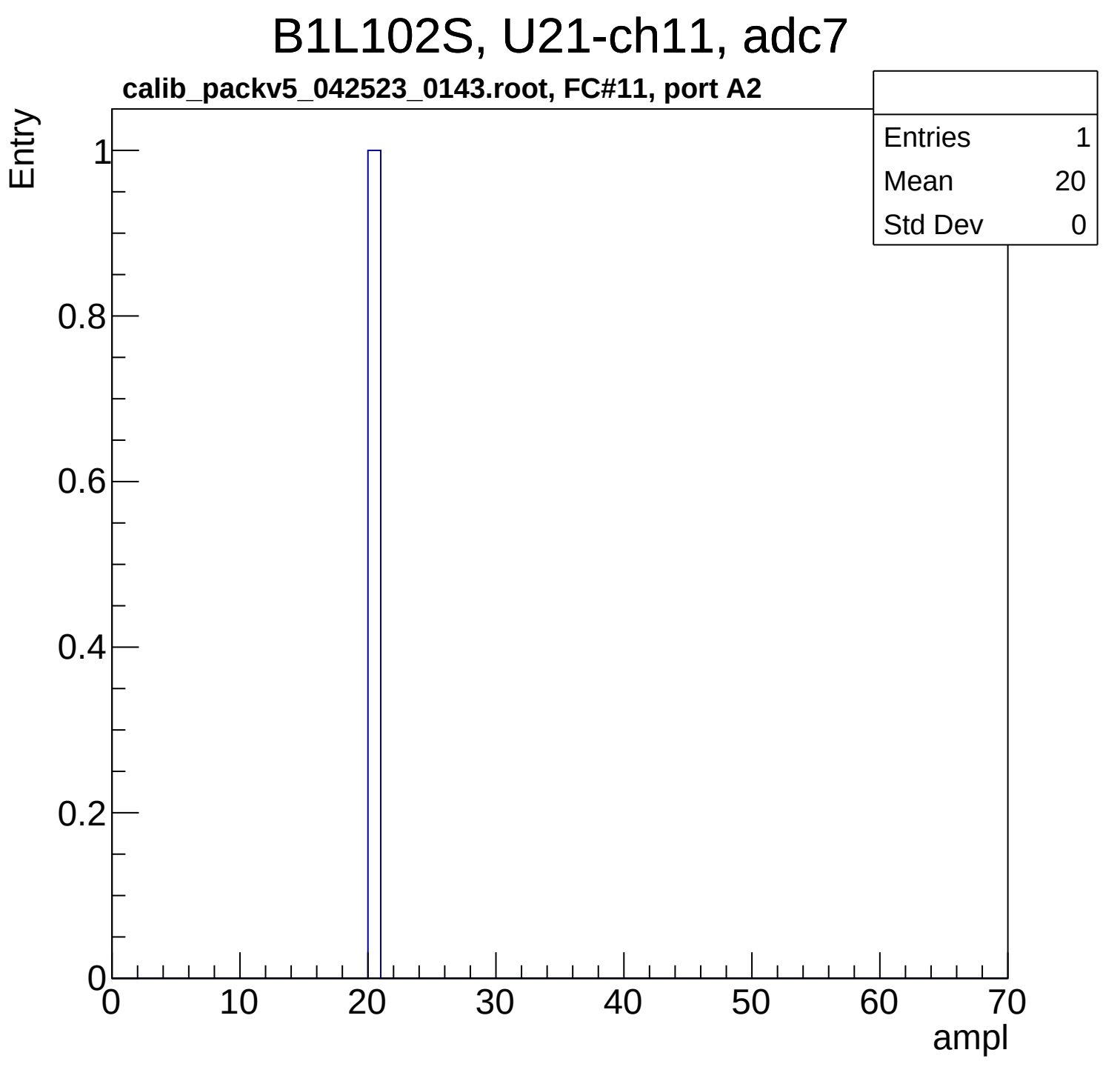
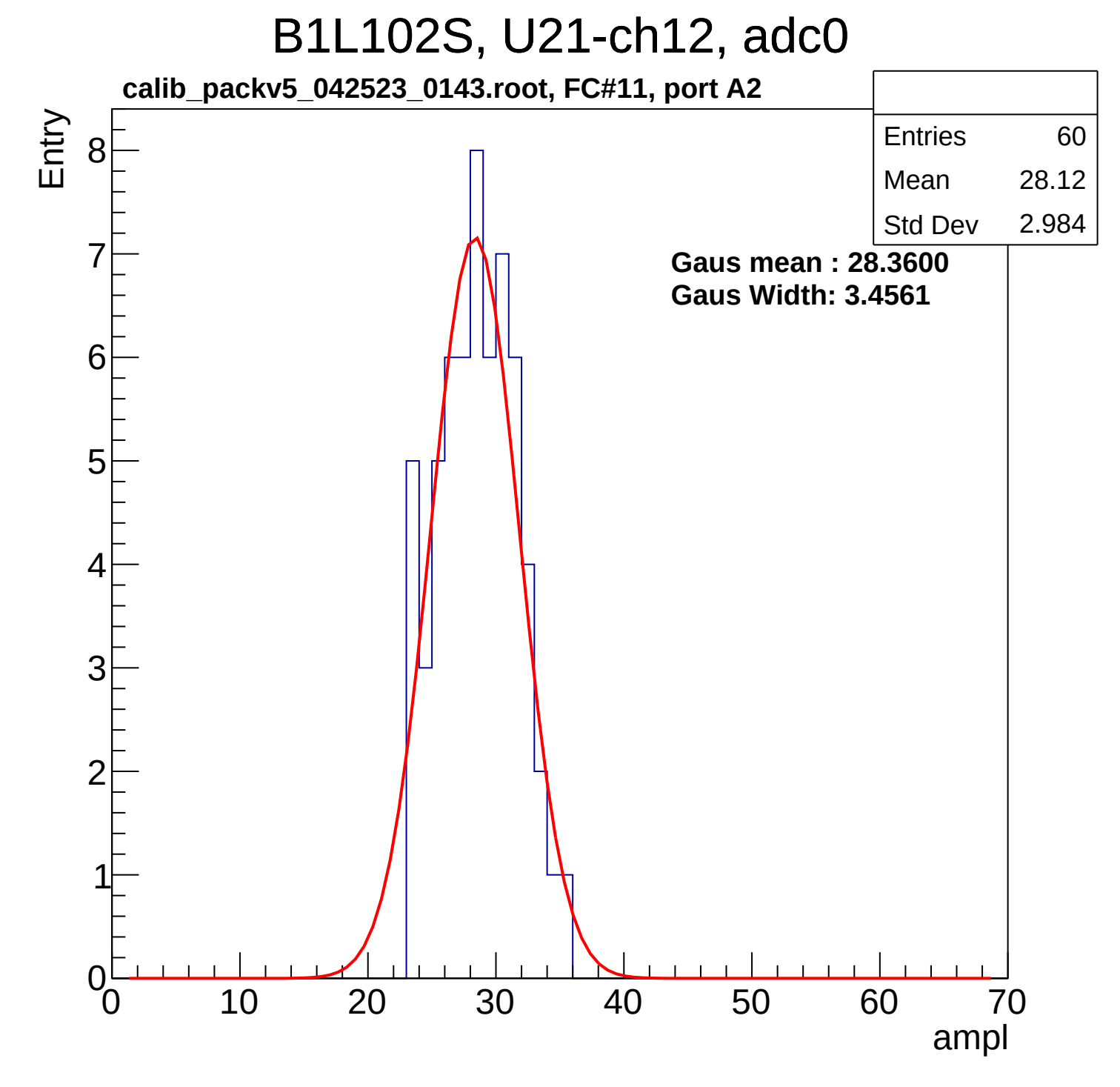
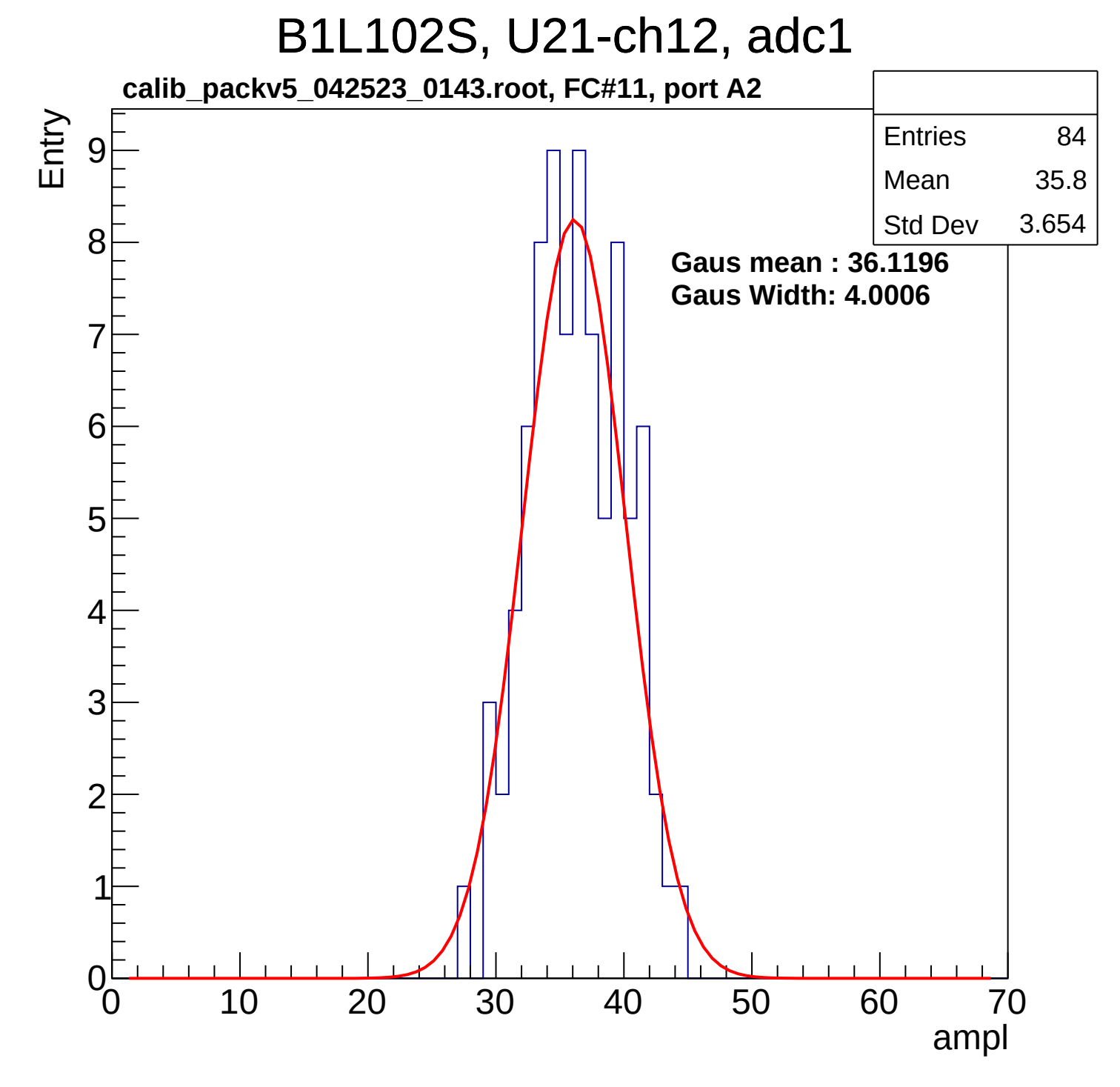

B1L102S, U21-ch11, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 20
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L102S, U21-ch12, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 28.12
Std Dev 2.984
Gaus mean : 28.3600
Gaus Width: 3.4561
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch12, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 84
Mean 35.8
Std Dev 3.654
Gaus mean : 36.1196
Gaus Width: 4.0006
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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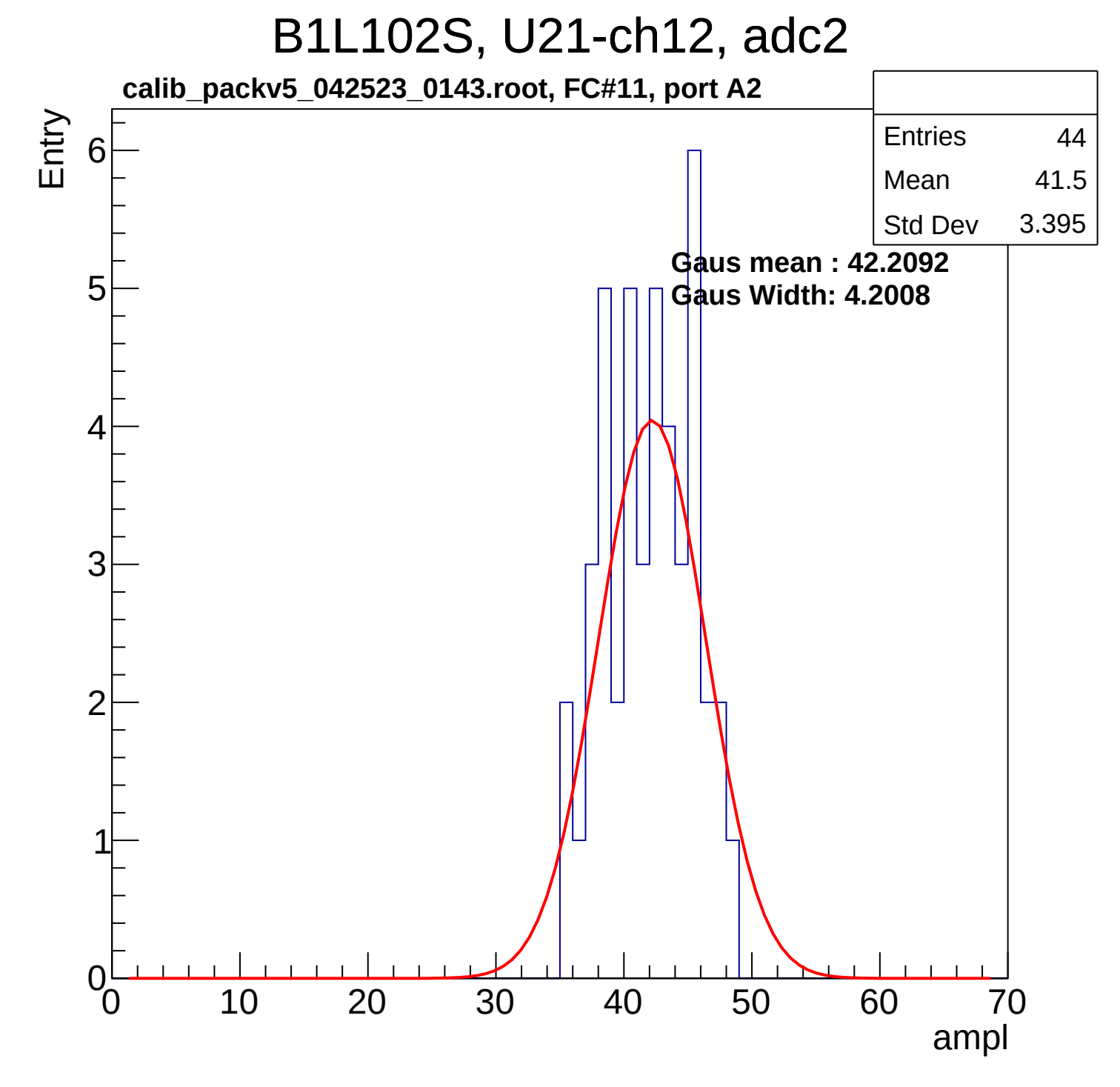
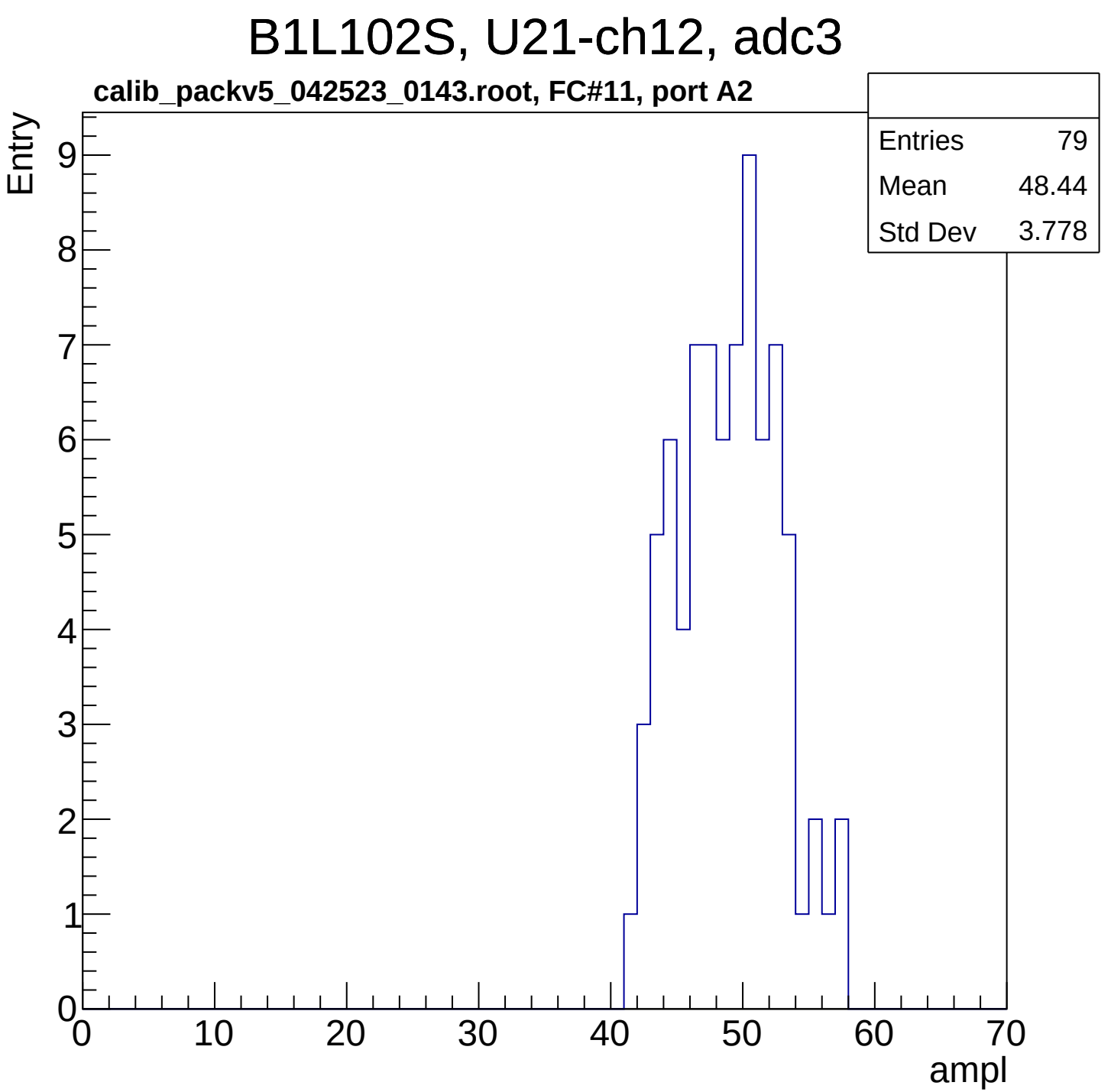
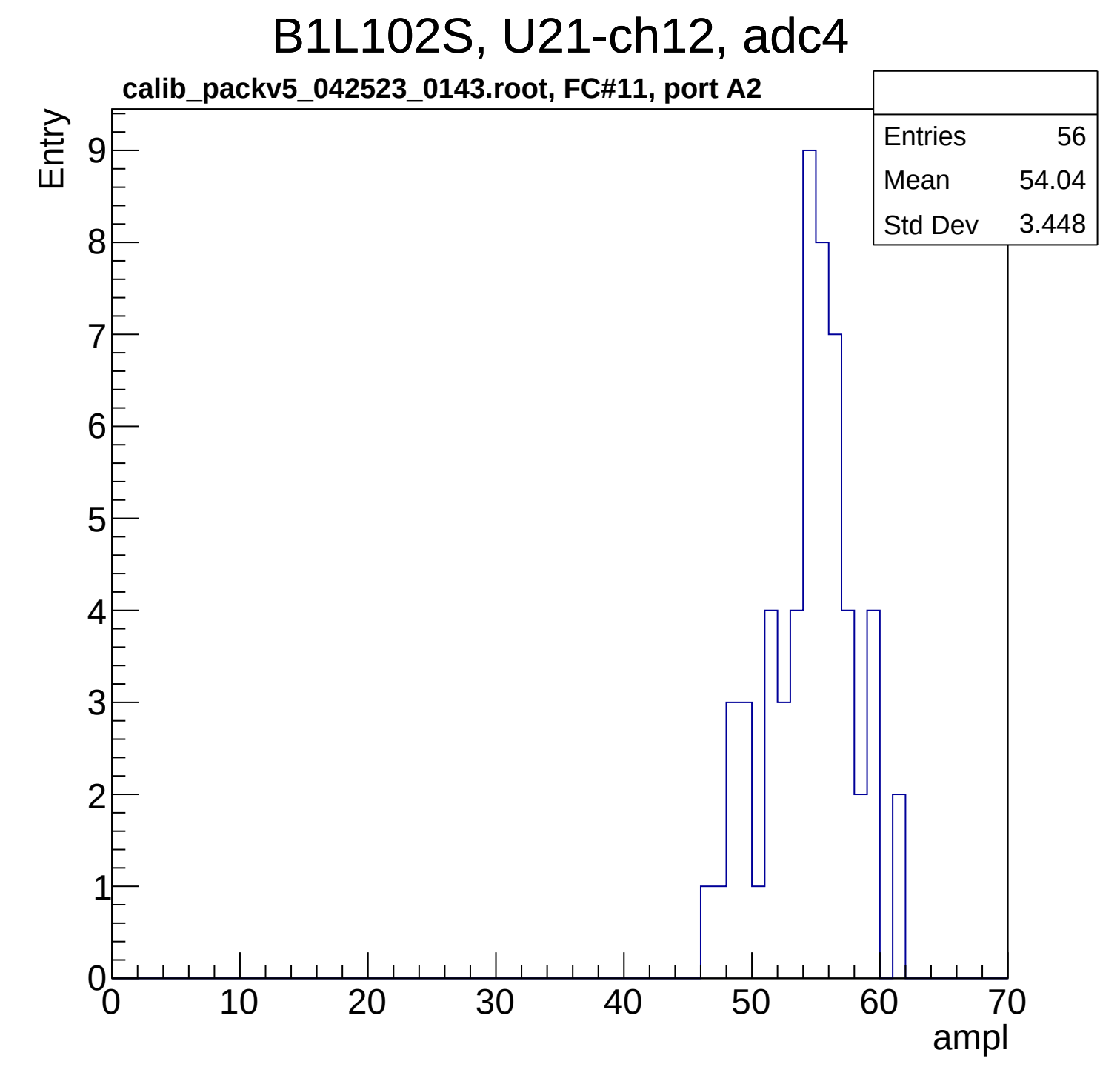

B1L102S, U21-ch12, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 44
Mean 41.5
Std Dev 3.395
Gaus mean : 42.2092
Gaus Width: 4.2008
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U21-ch12, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 48.44
Std Dev 3.778
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch12, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 54.04
Std Dev 3.448
Entry
ampl
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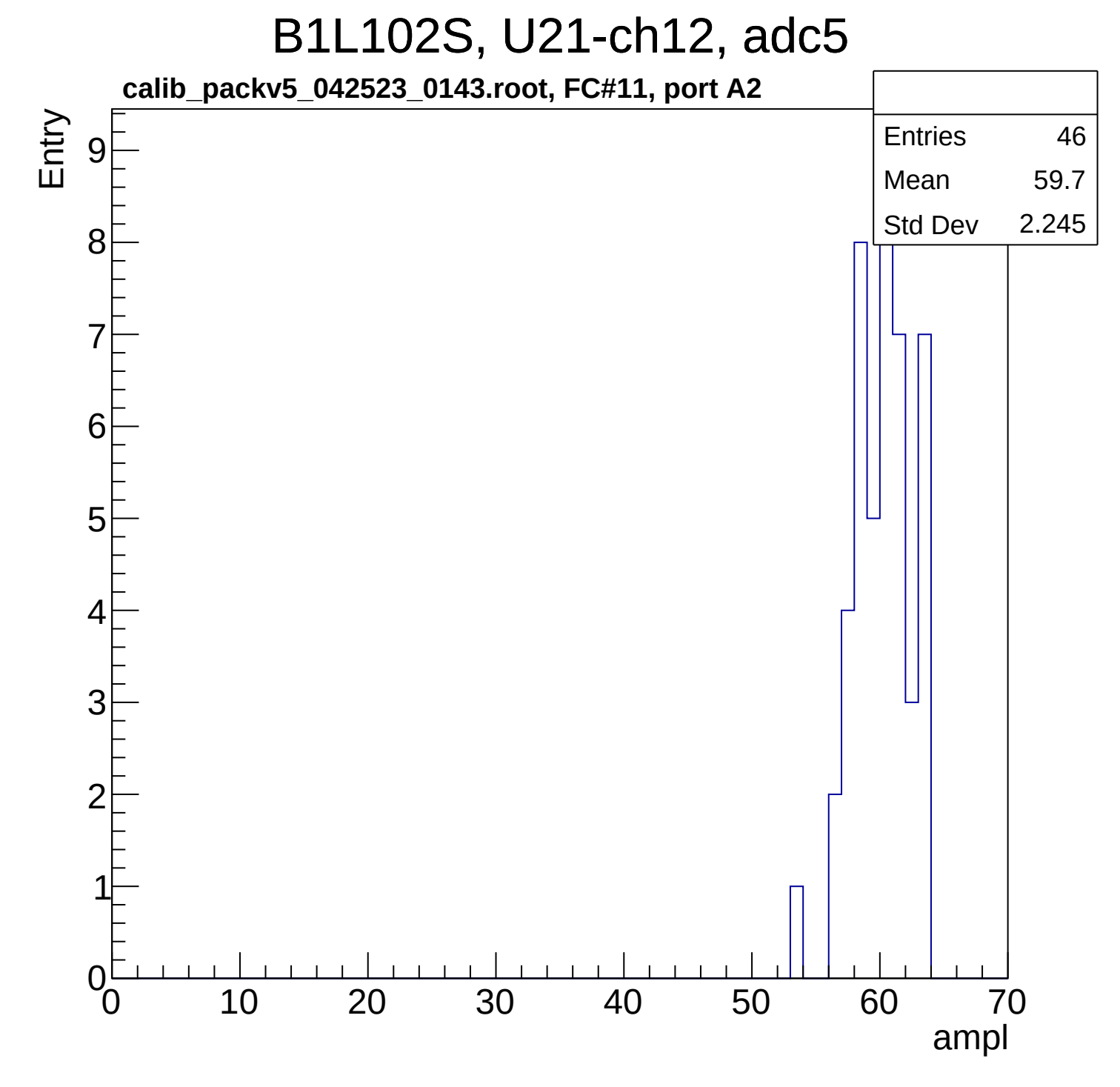
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch12, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 46
Mean 59.7
Std Dev 2.245
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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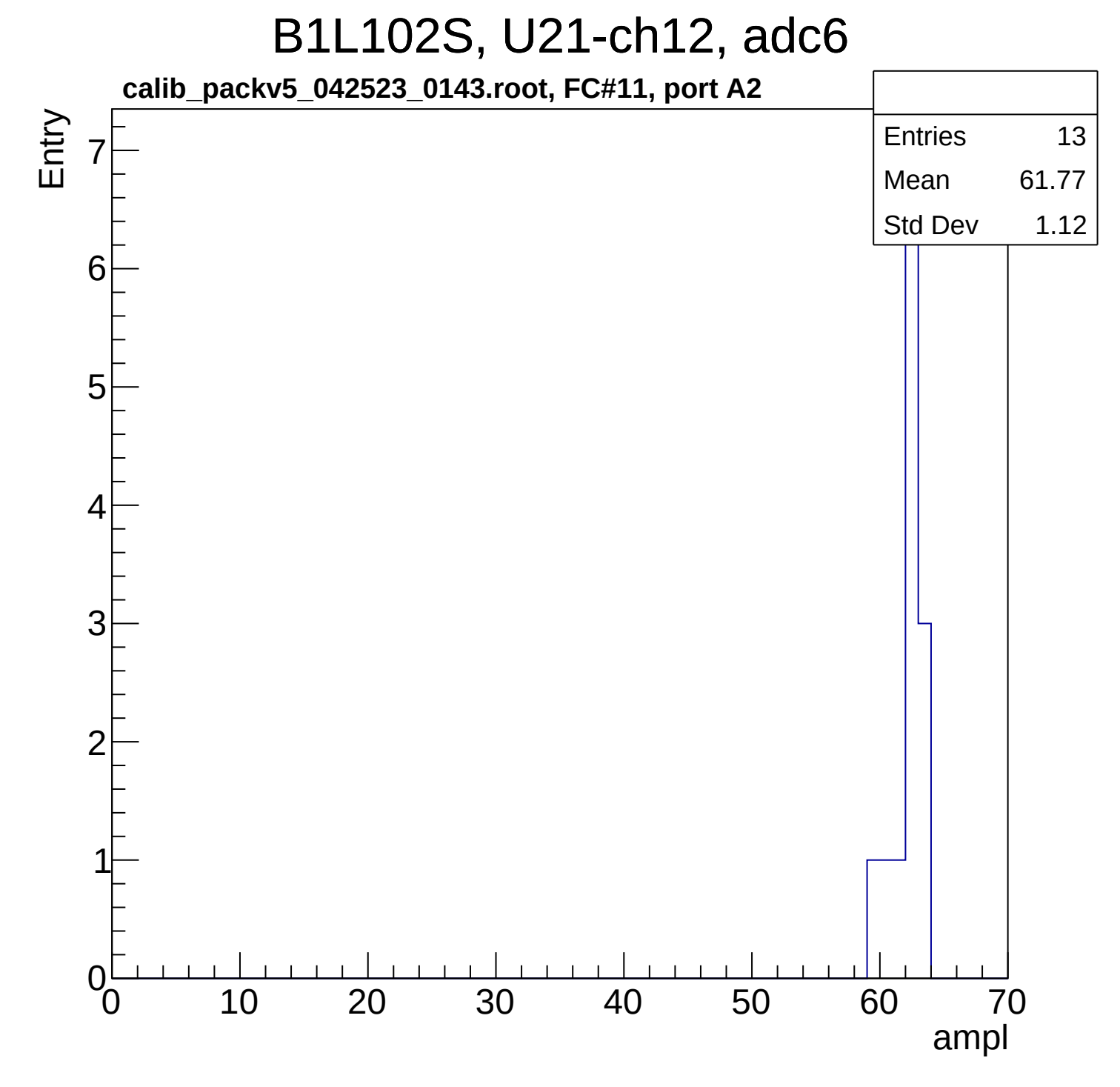
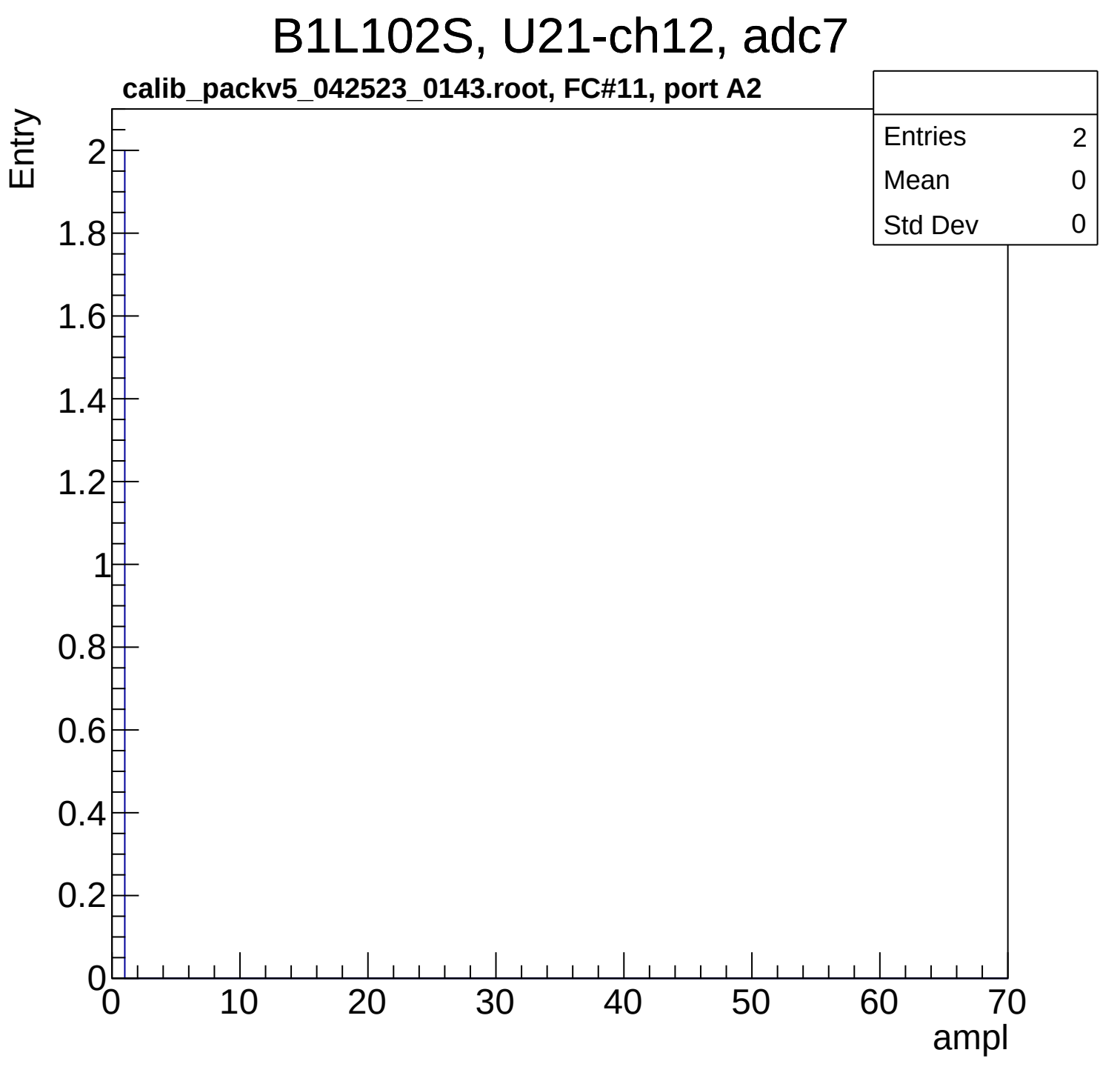

B1L102S, U21-ch12, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 13
Mean 61.77
Std Dev 1.12
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch12, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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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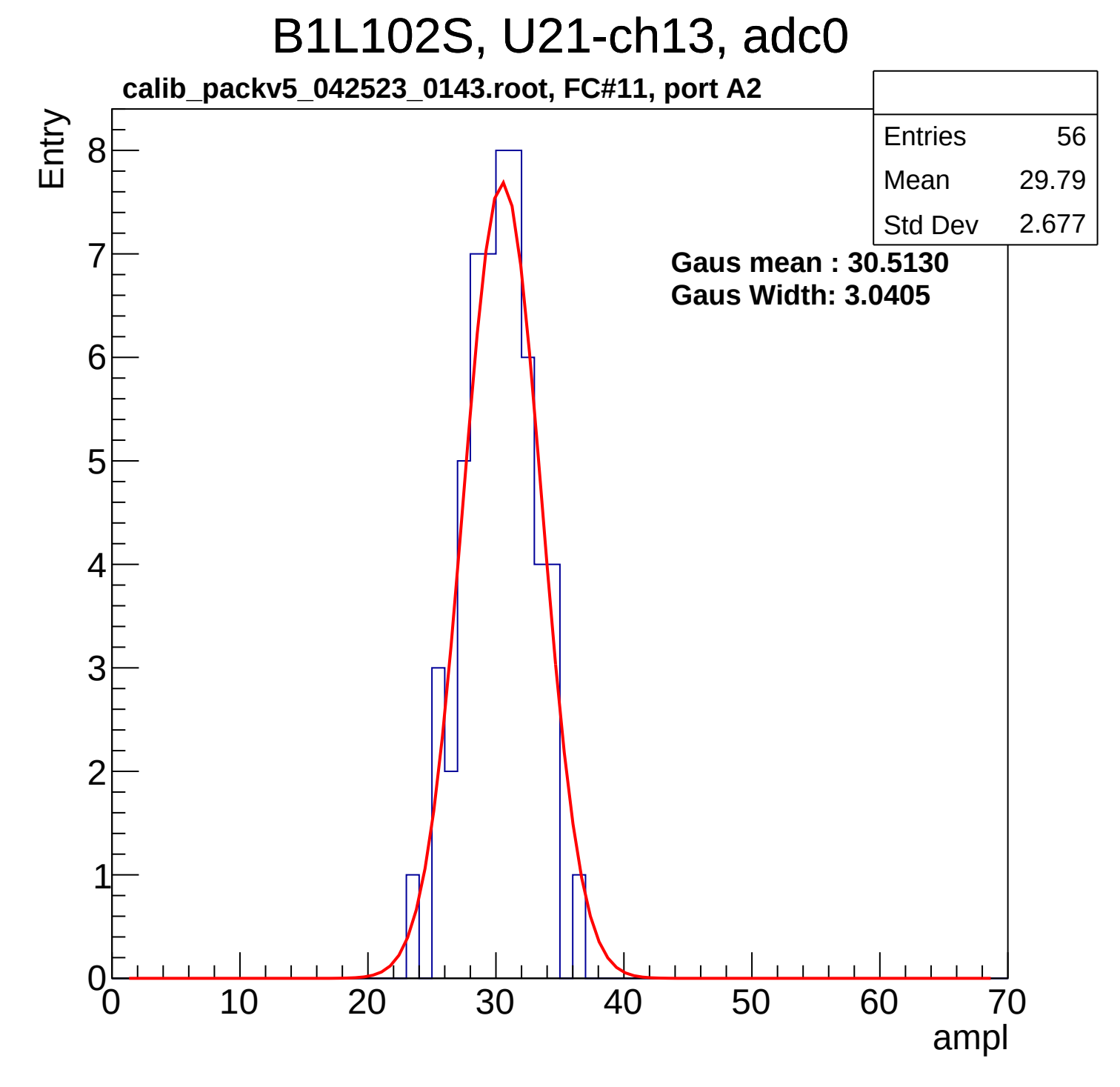
B1L102S, U21-ch13, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 29.79
Std Dev 2.677
Gaus mean : 30.5130
Gaus Width: 3.0405
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
50
60
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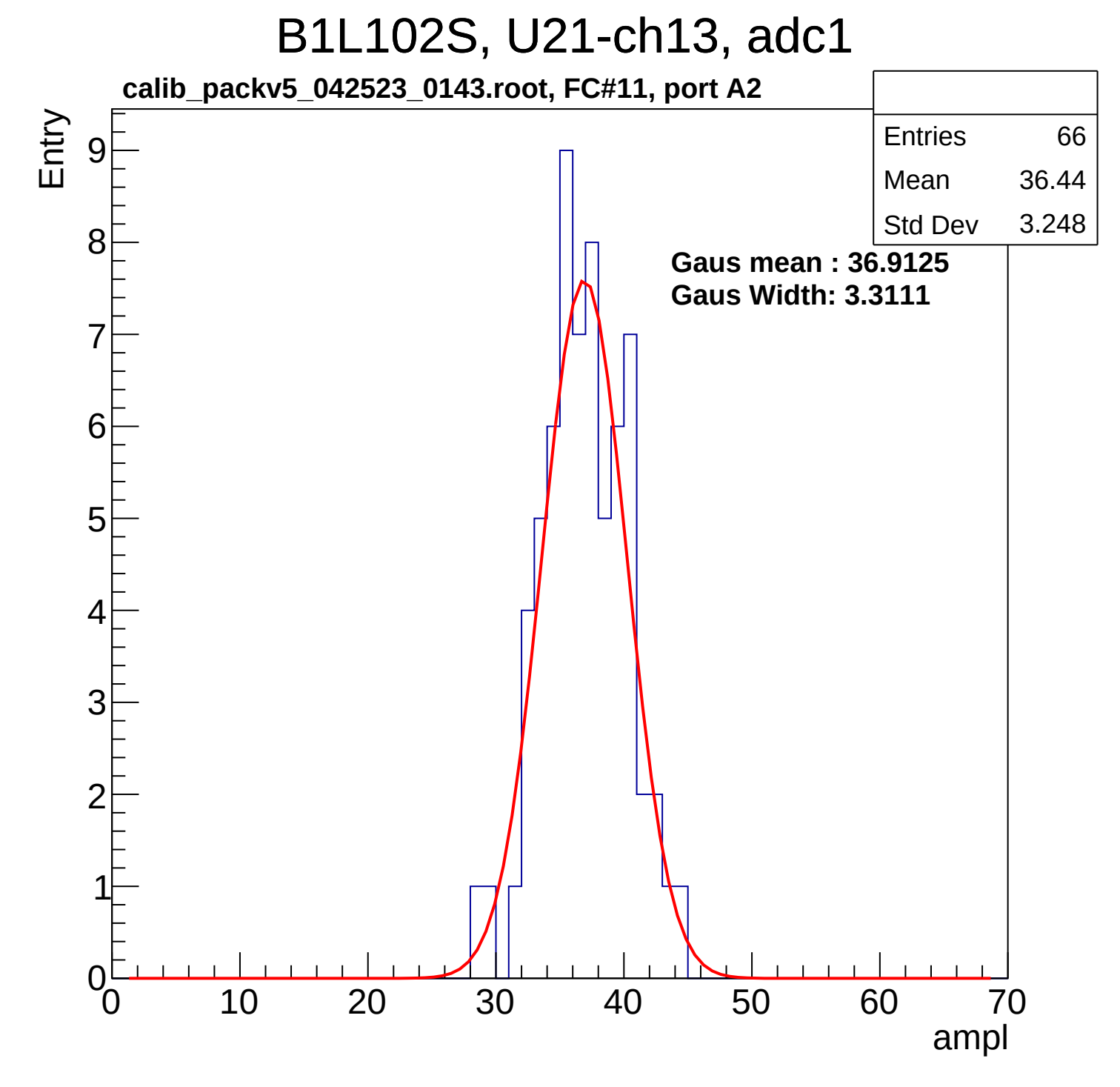
B1L102S, U21-ch13, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 36.44
Std Dev 3.248
Gaus mean : 36.9125
Gaus Width: 3.3111
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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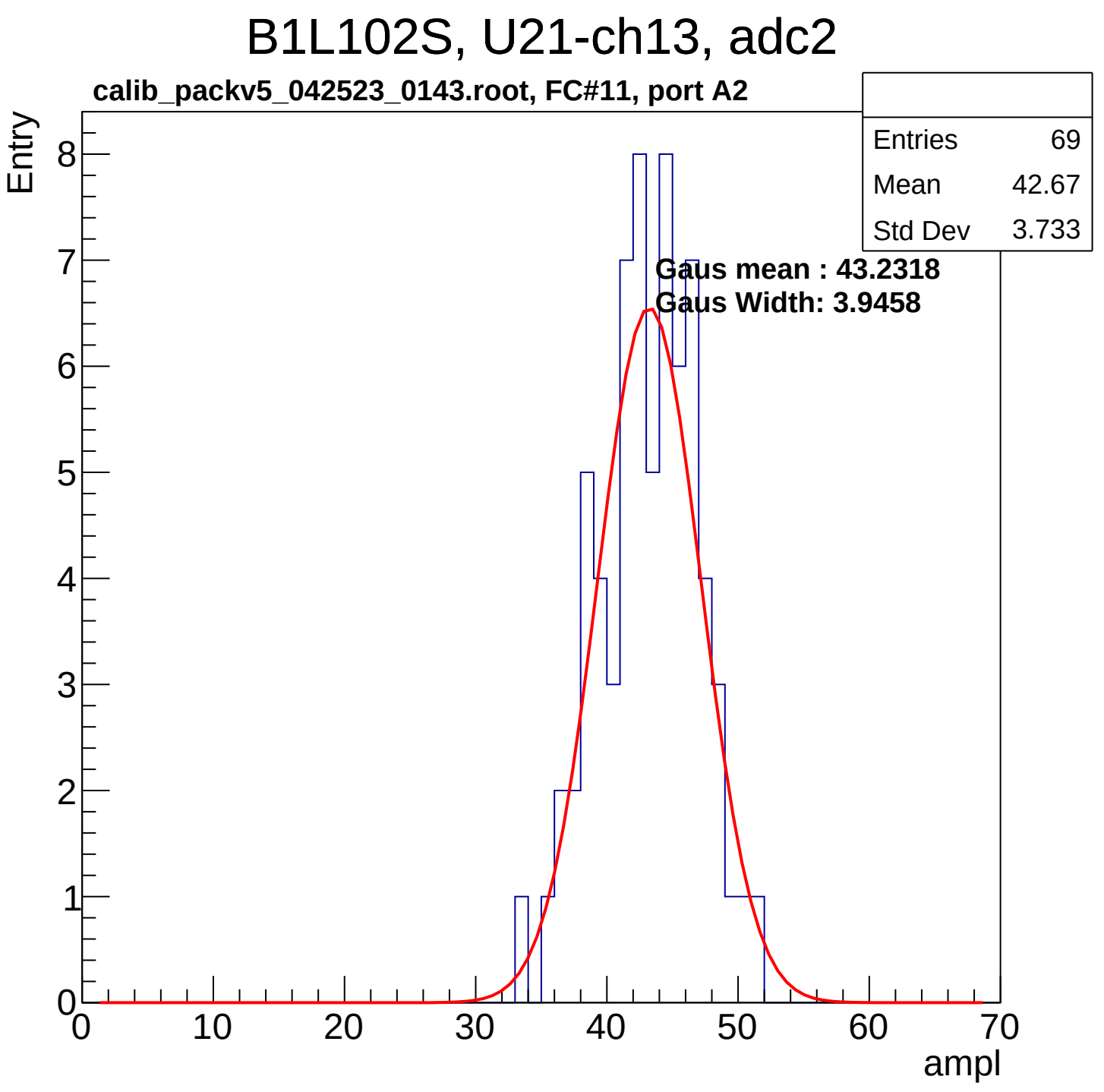
B1L102S, U21-ch13, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 42.67
Std Dev 3.733
Gaus mean : 43.2318
Gaus Width: 3.9458
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
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60
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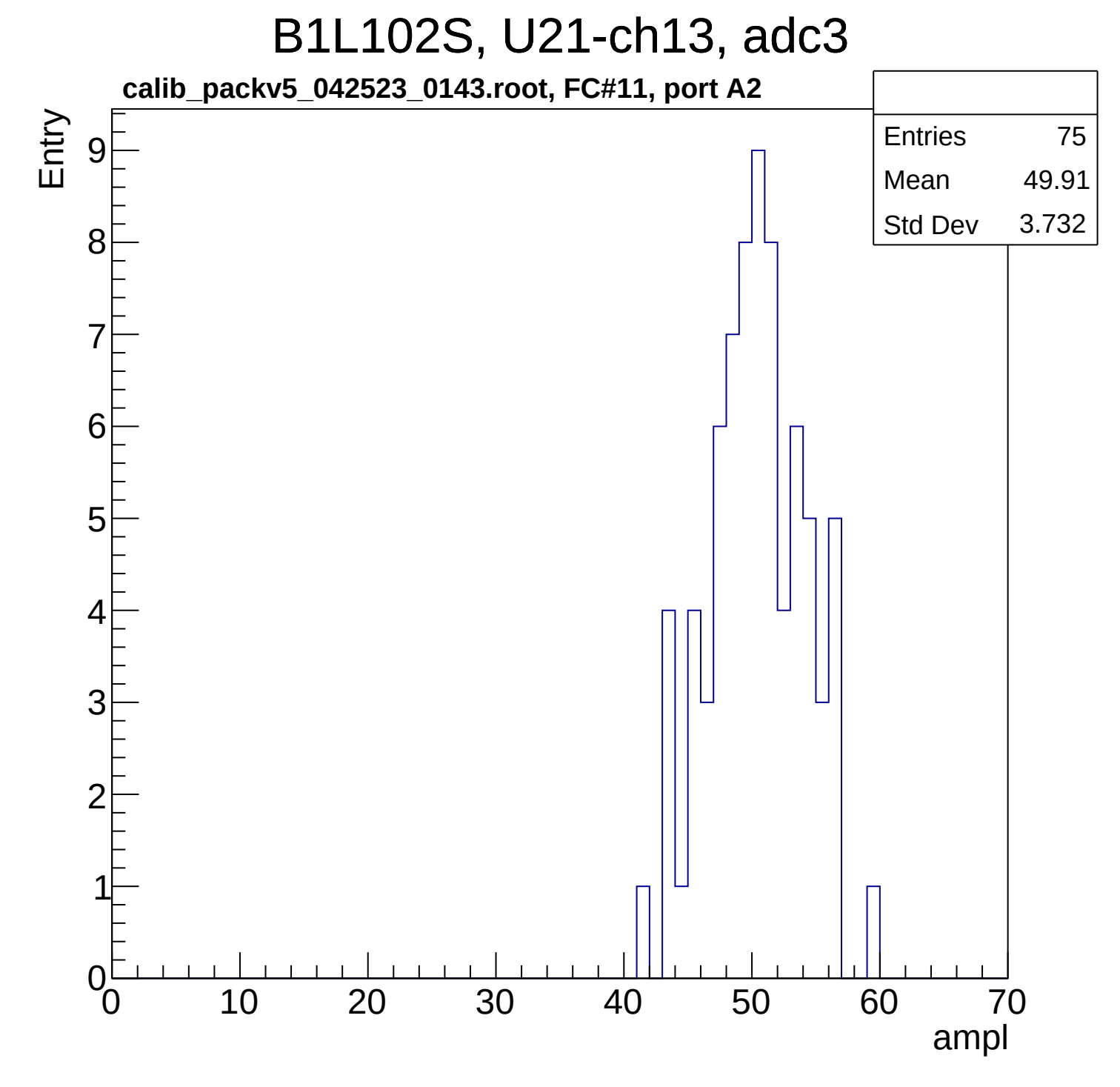
B1L102S, U21-ch13, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 49.91
Std Dev 3.732
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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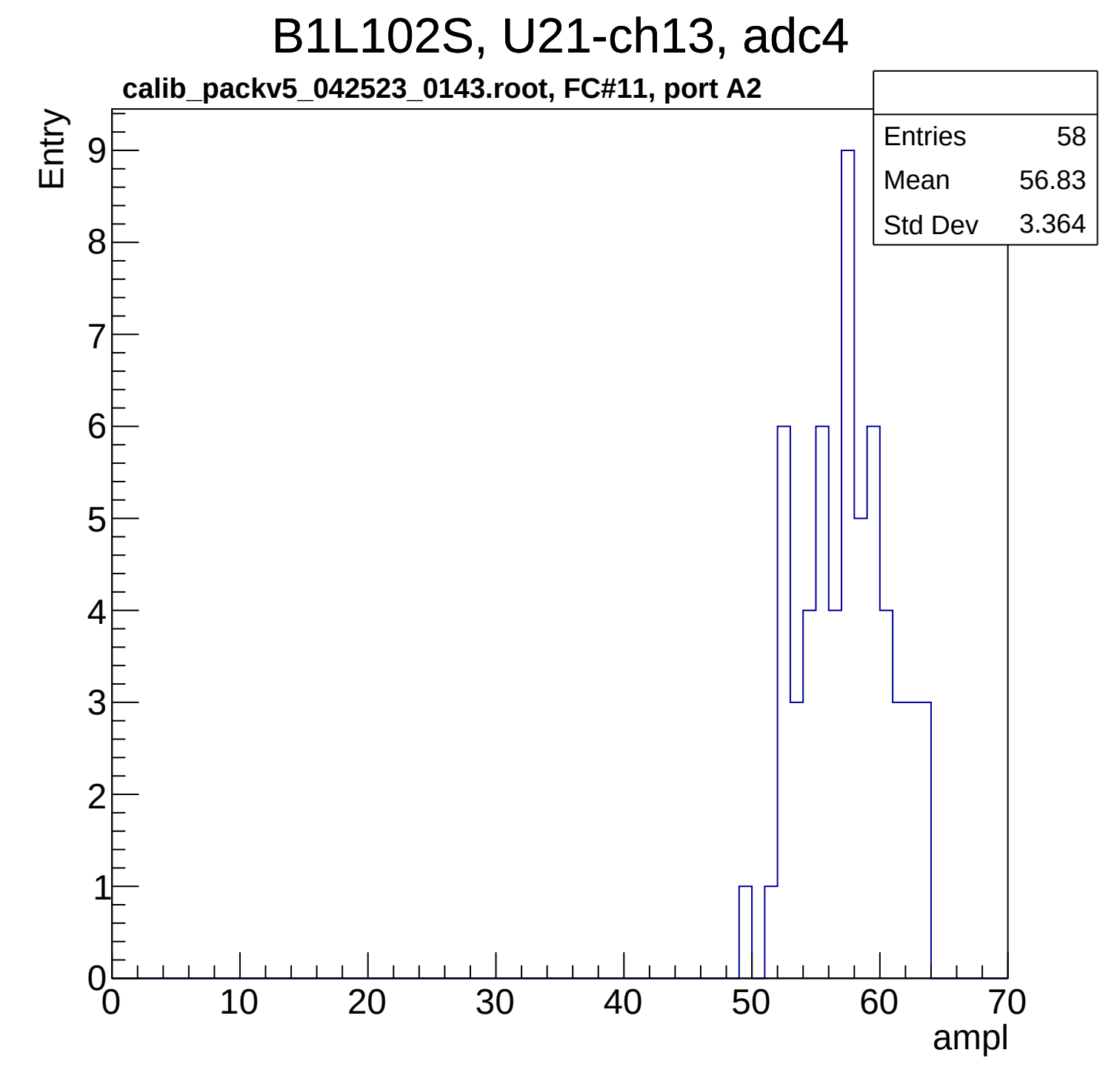
B1L102S, U21-ch13, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 56.83
Std Dev 3.364
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
30
40
50
60
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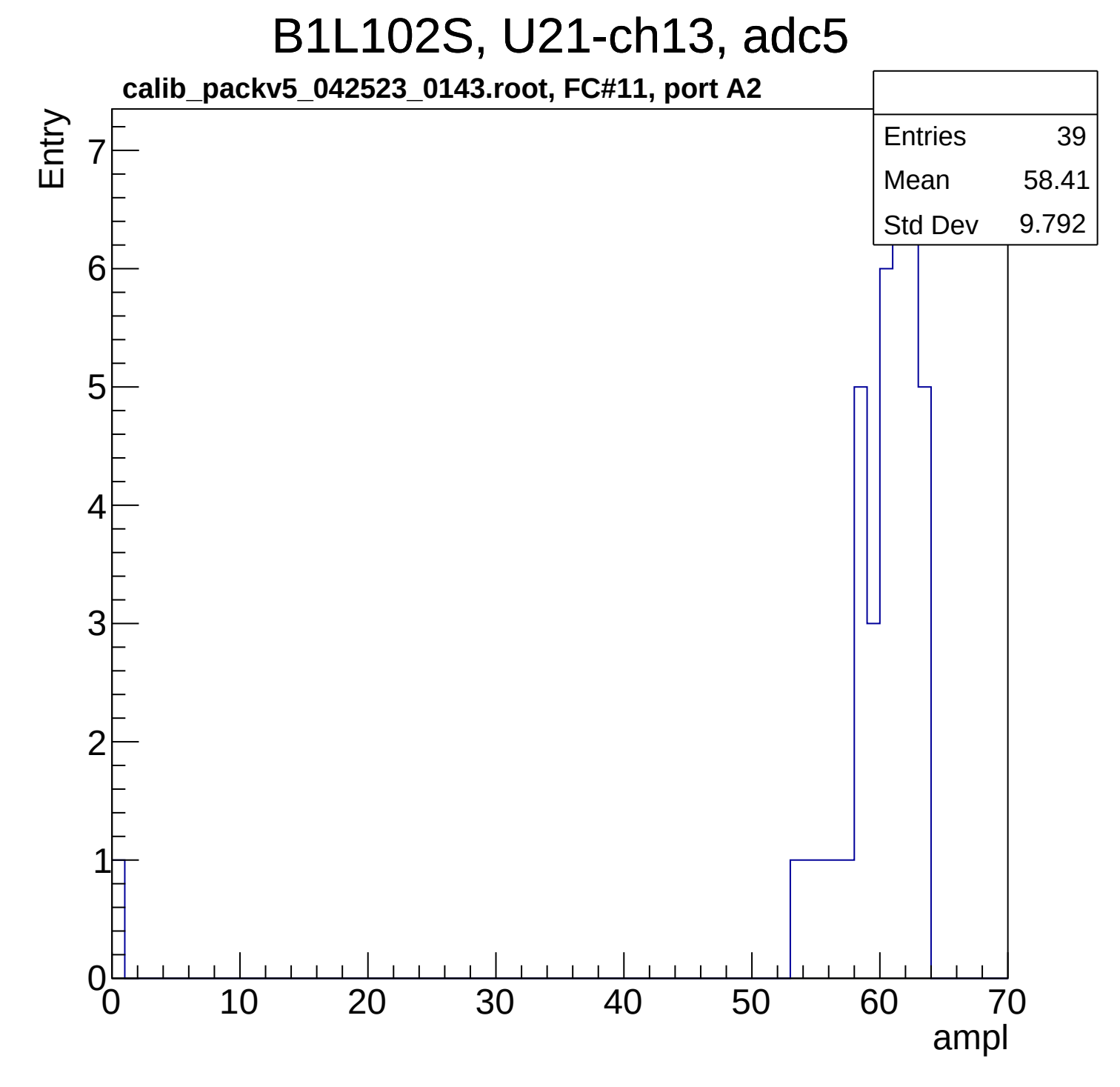
B1L102S, U21-ch13, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 39
Mean 58.41
Std Dev 9.792
Entry
ampl
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1
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3
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0
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40
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60
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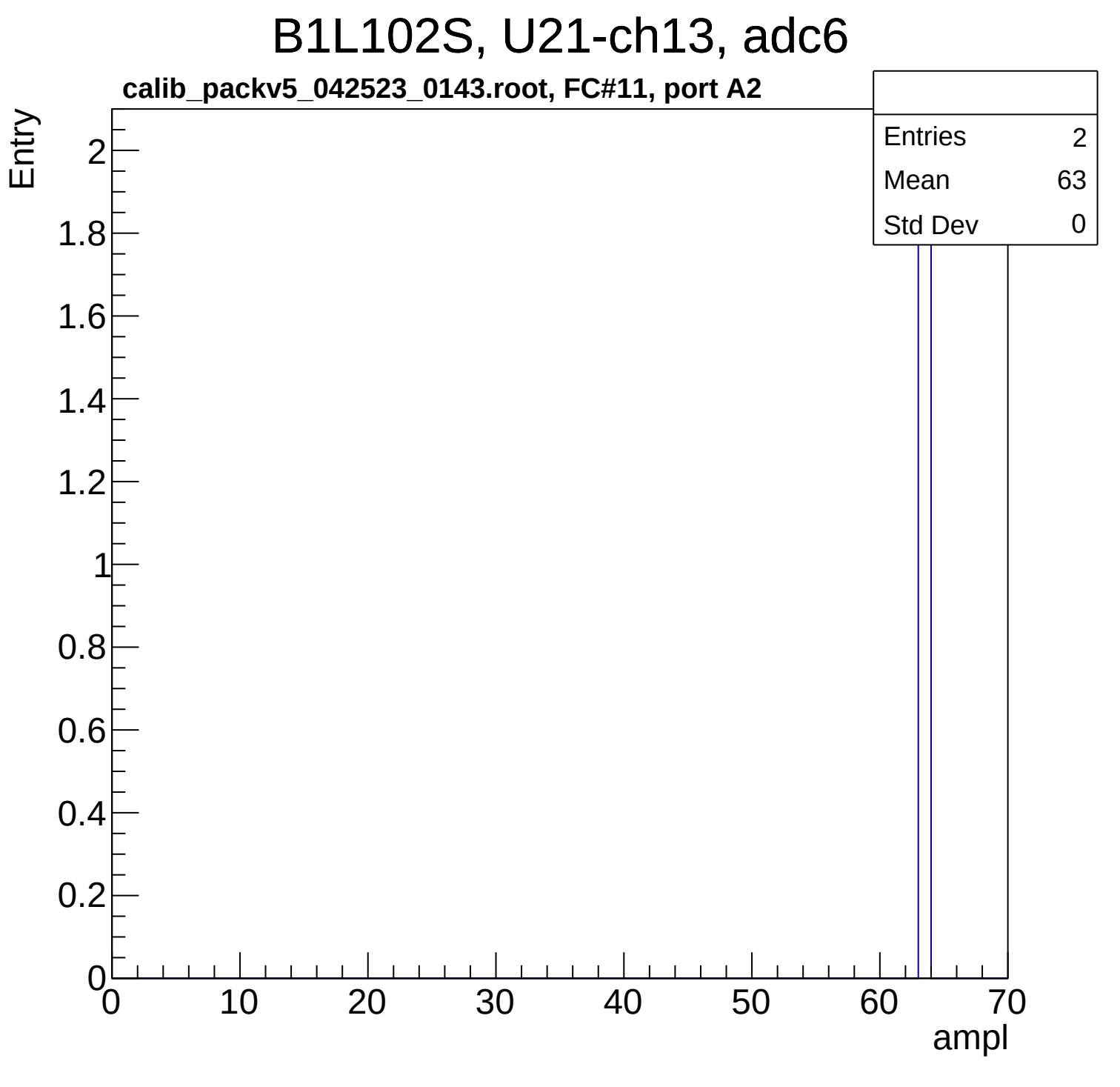
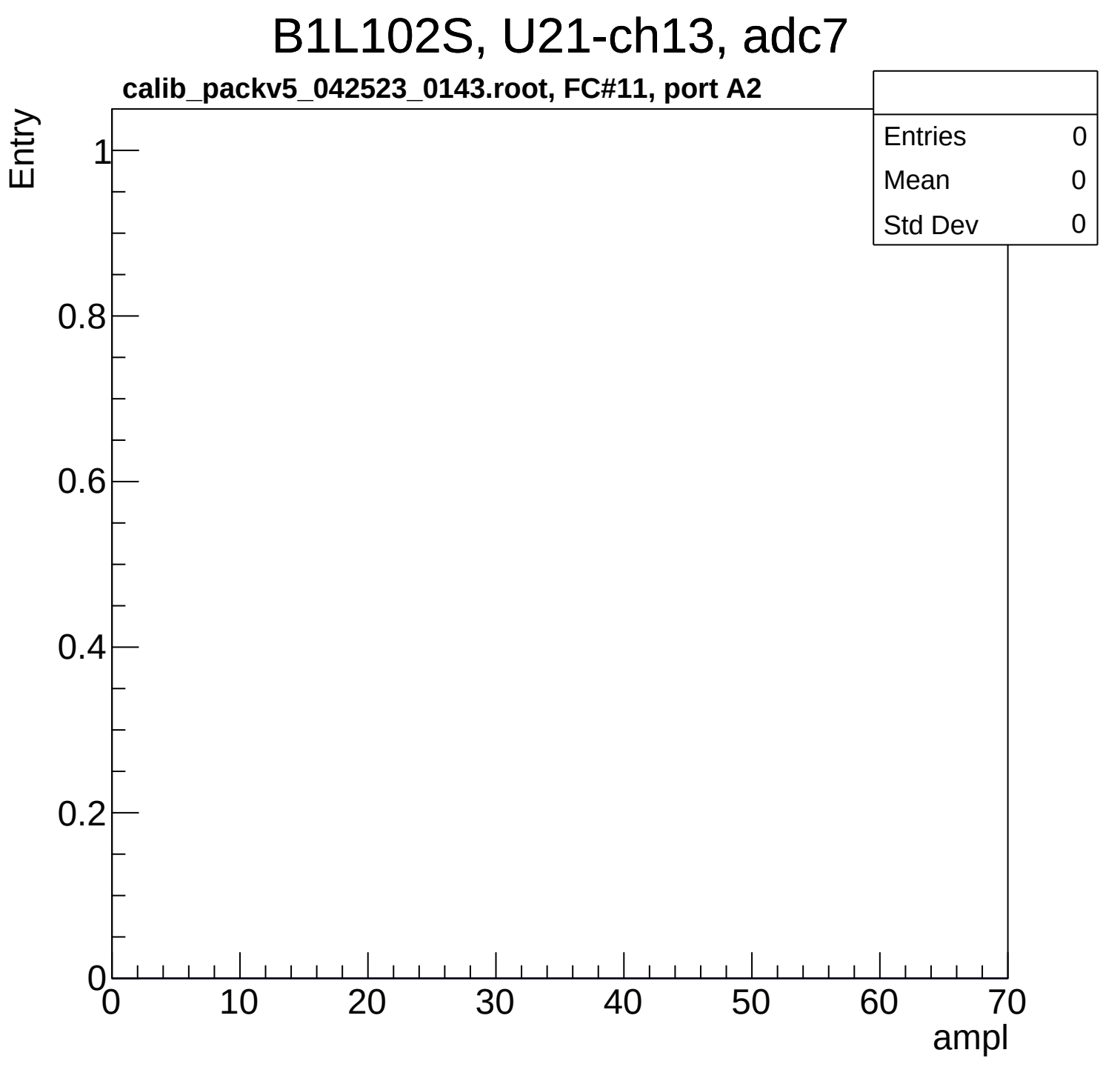

B1L102S, U21-ch13, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L102S, U21-ch13, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
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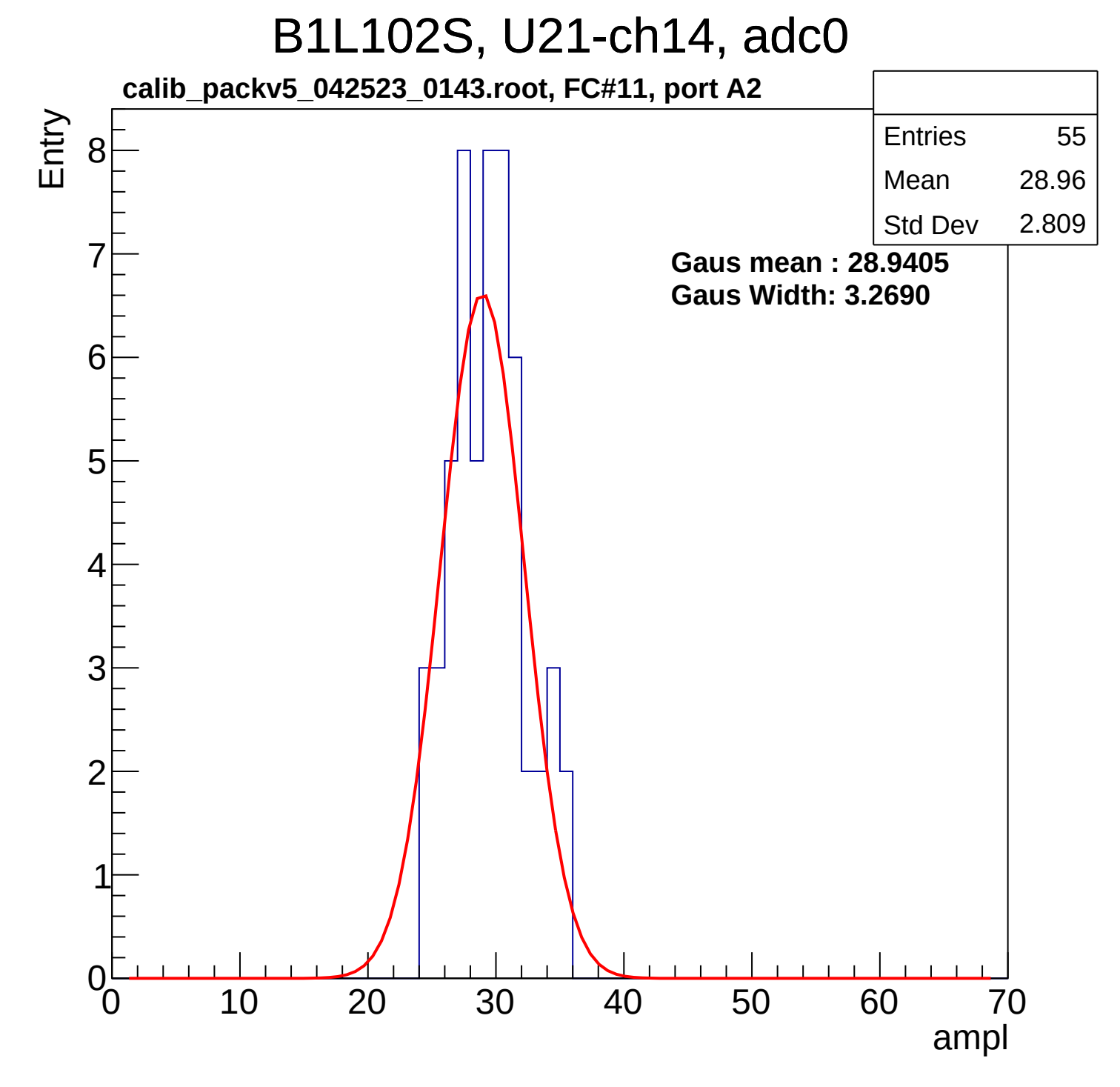
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch14, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 28.96
Std Dev 2.809
Gaus mean : 28.9405
Gaus Width: 3.2690
Entry
ampl
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2
3
4
5
6
7
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0
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40
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60
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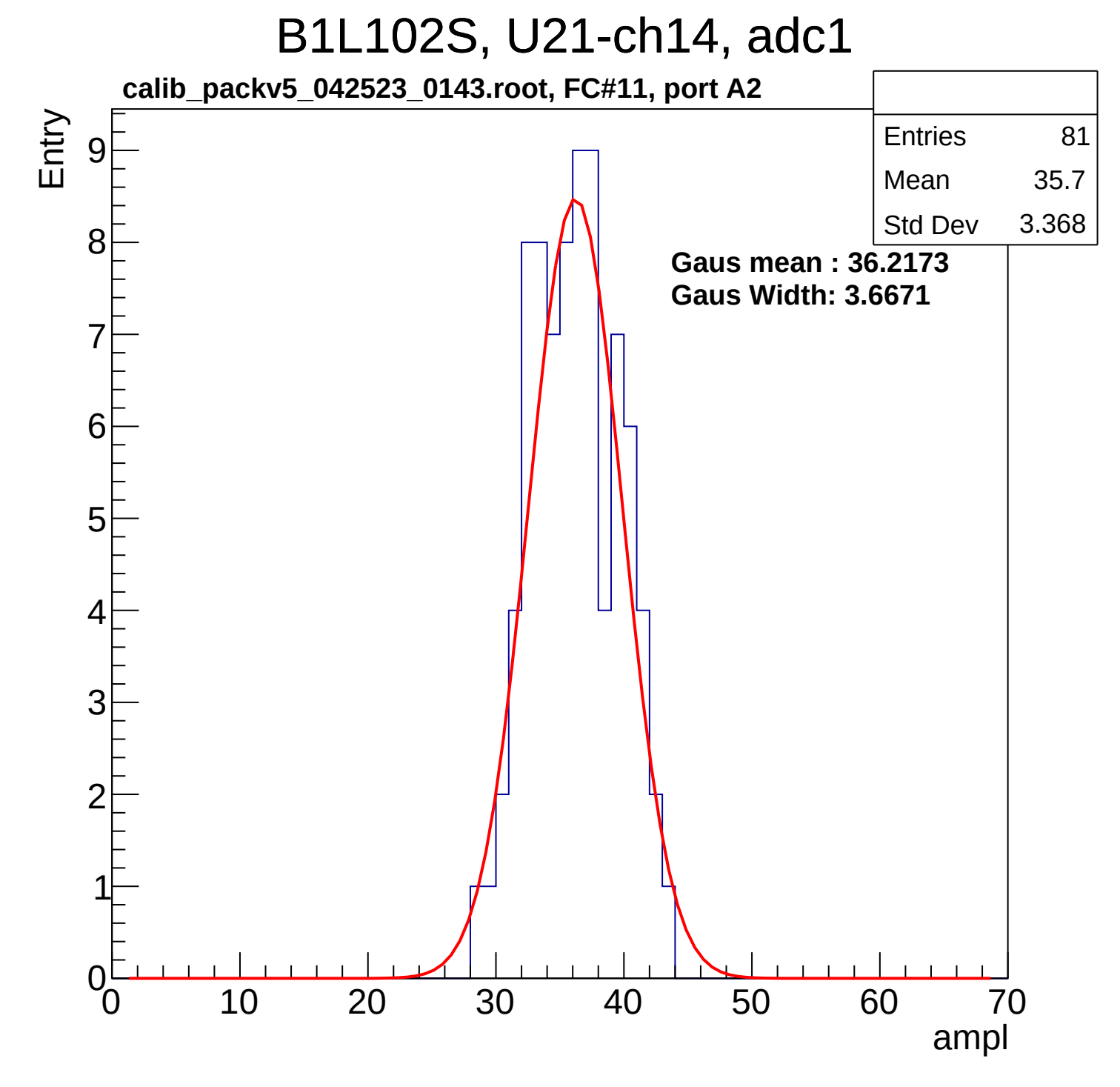
B1L102S, U21-ch14, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 81
Mean 35.7
Std Dev 3.368
Gaus mean : 36.2173
Gaus Width: 3.6671
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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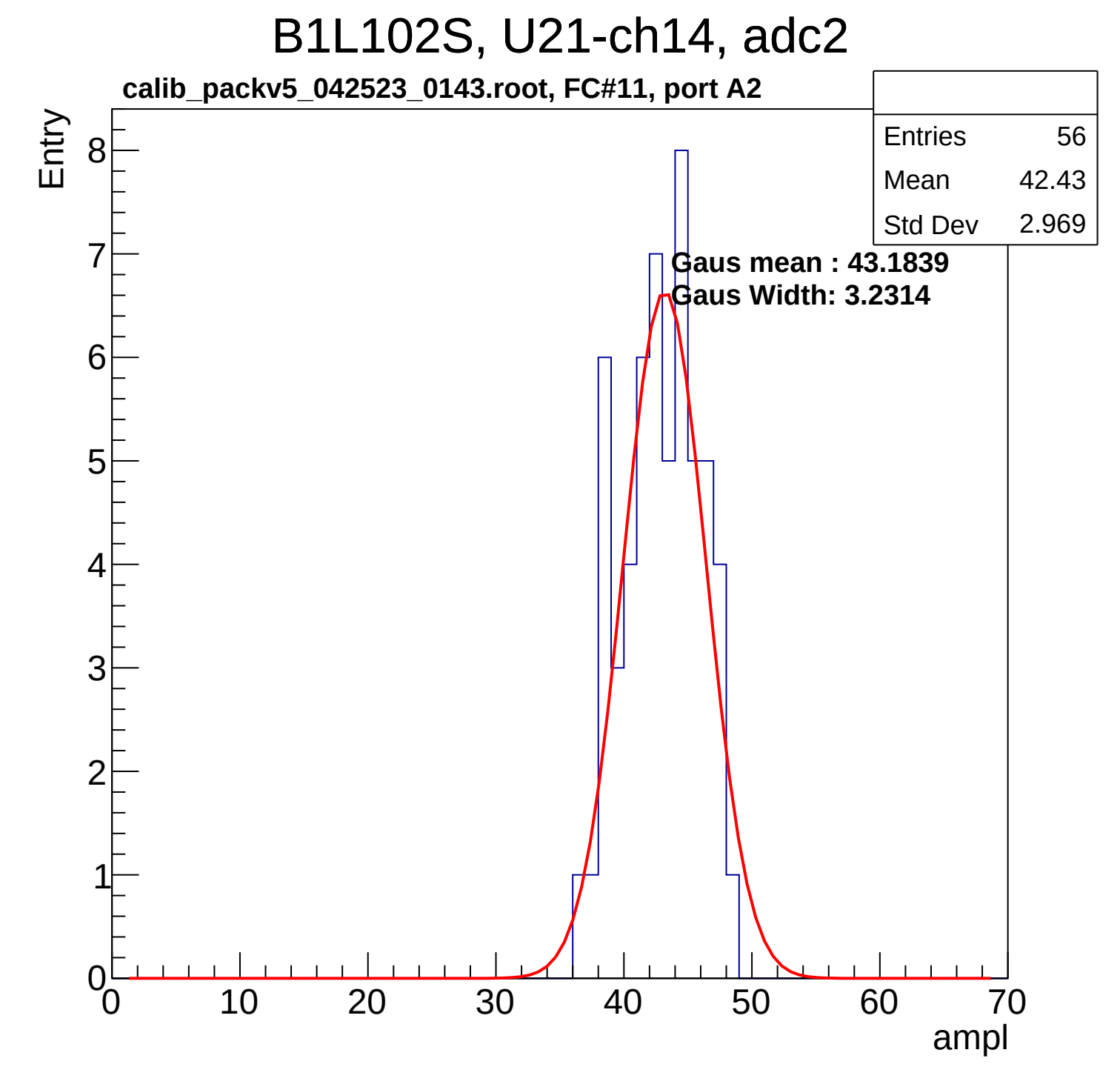
B1L102S, U21-ch14, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 42.43
Std Dev 2.969
Gaus mean : 43.1839
Gaus Width: 3.2314
Entry
ampl
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1
2
3
4
5
6
7
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0
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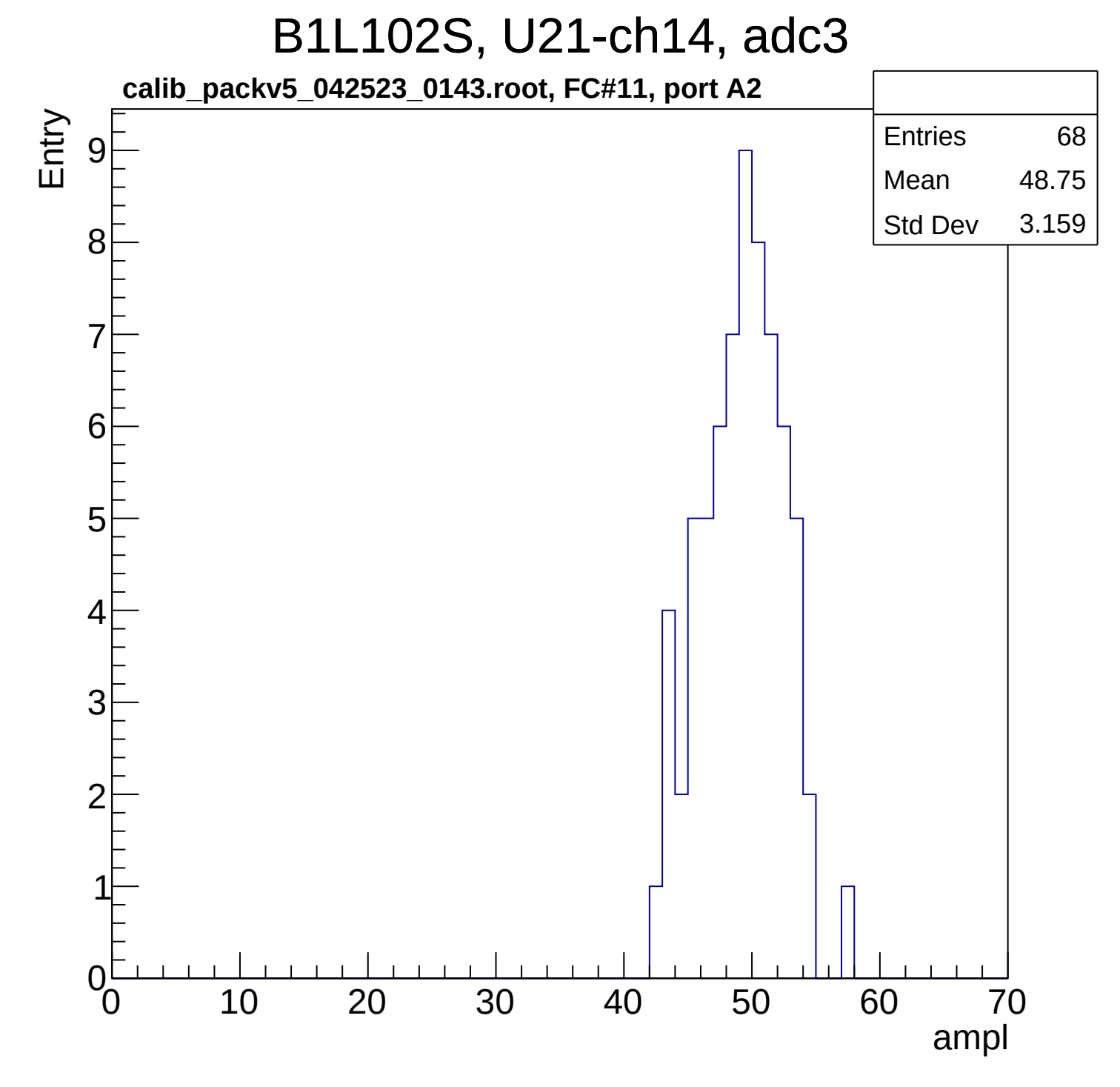
B1L102S, U21-ch14, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 48.75
Std Dev 3.159
Entry
ampl
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4
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6
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0
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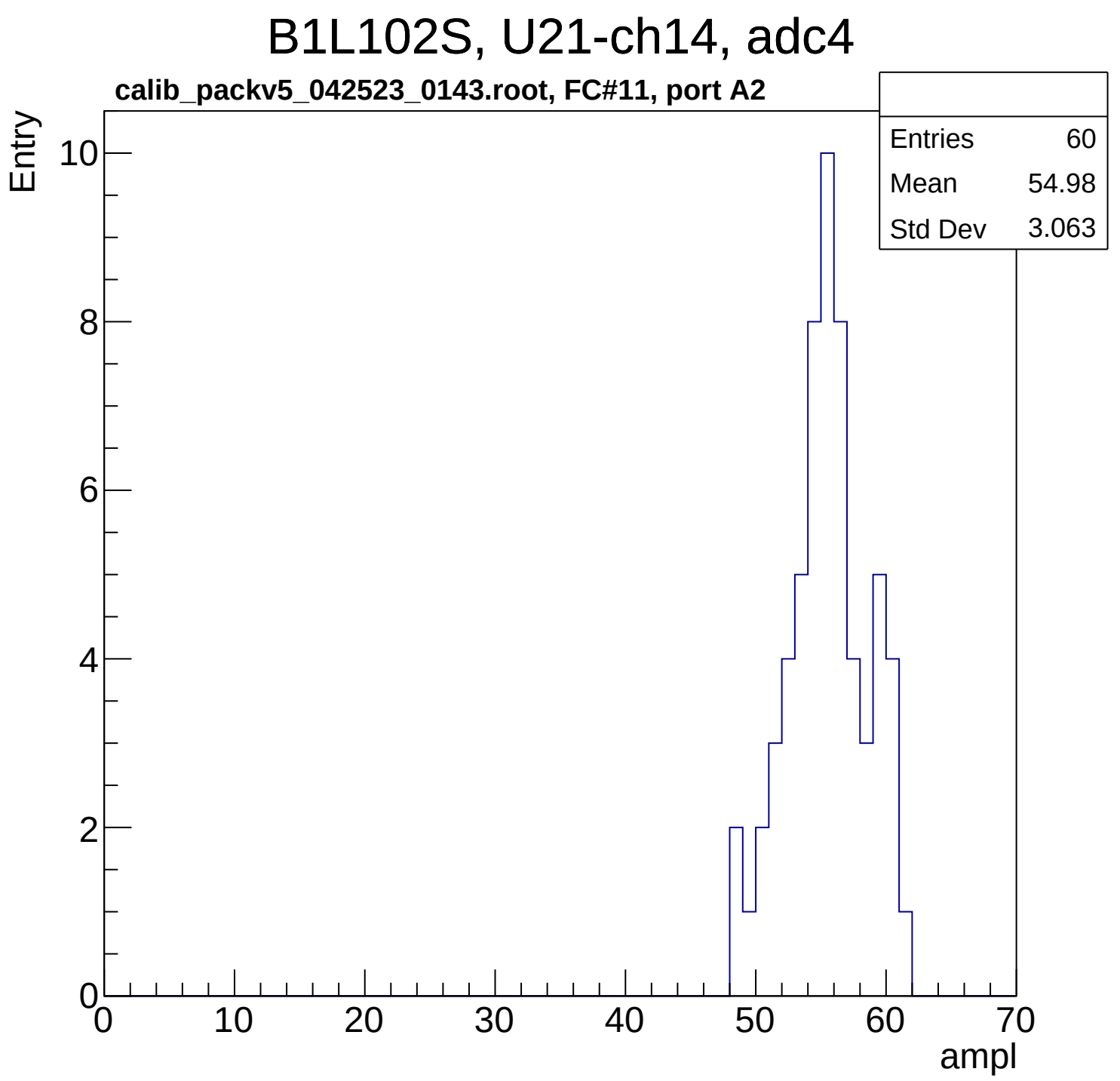
60
70


B1L102S, U21-ch14, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 54.98
Std Dev 3.063
Entry
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2
4
6
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10
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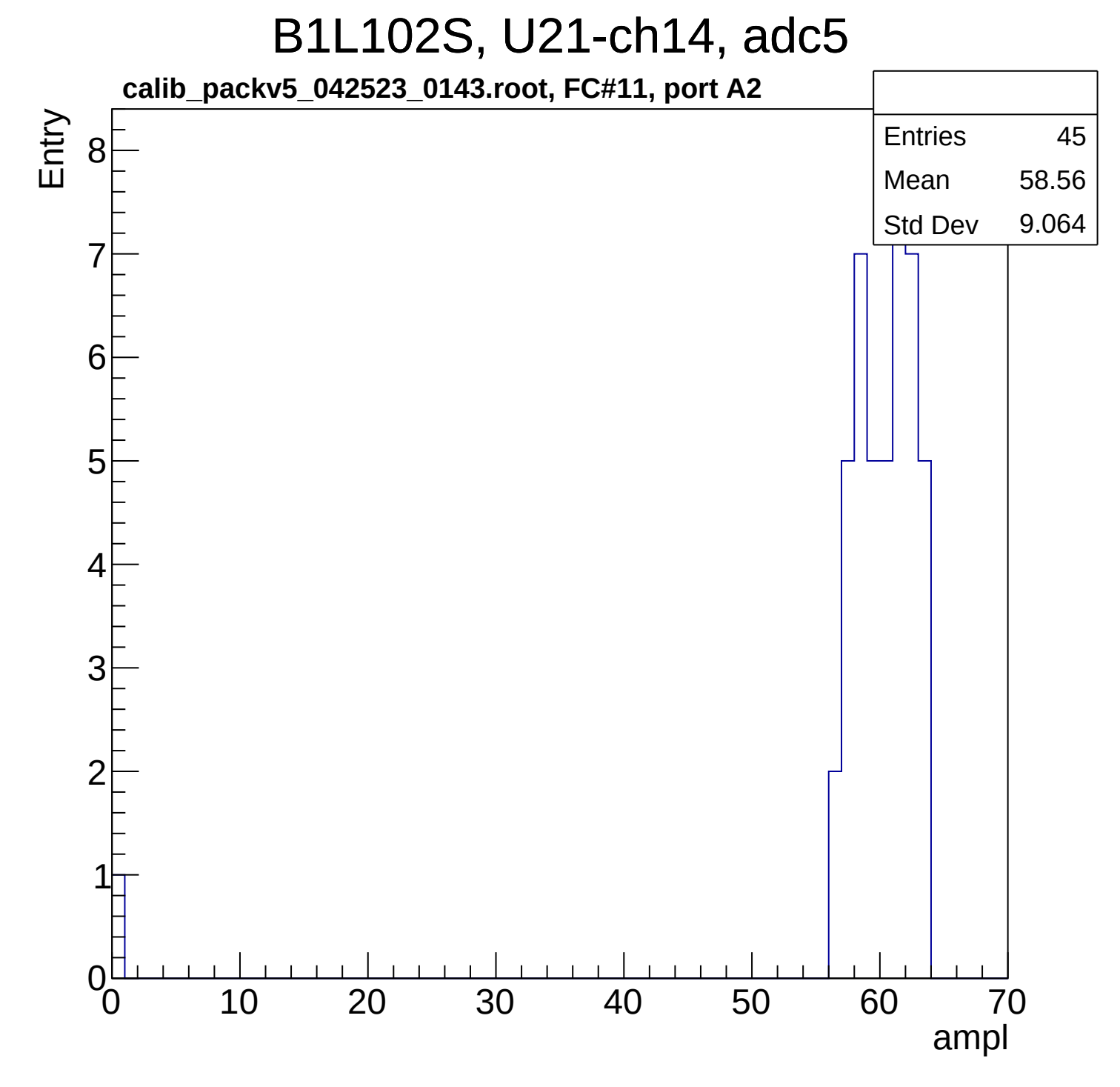
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch14, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 45
Mean 58.56
Std Dev 9.064
Entry
ampl
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2
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4
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7
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0
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20
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60
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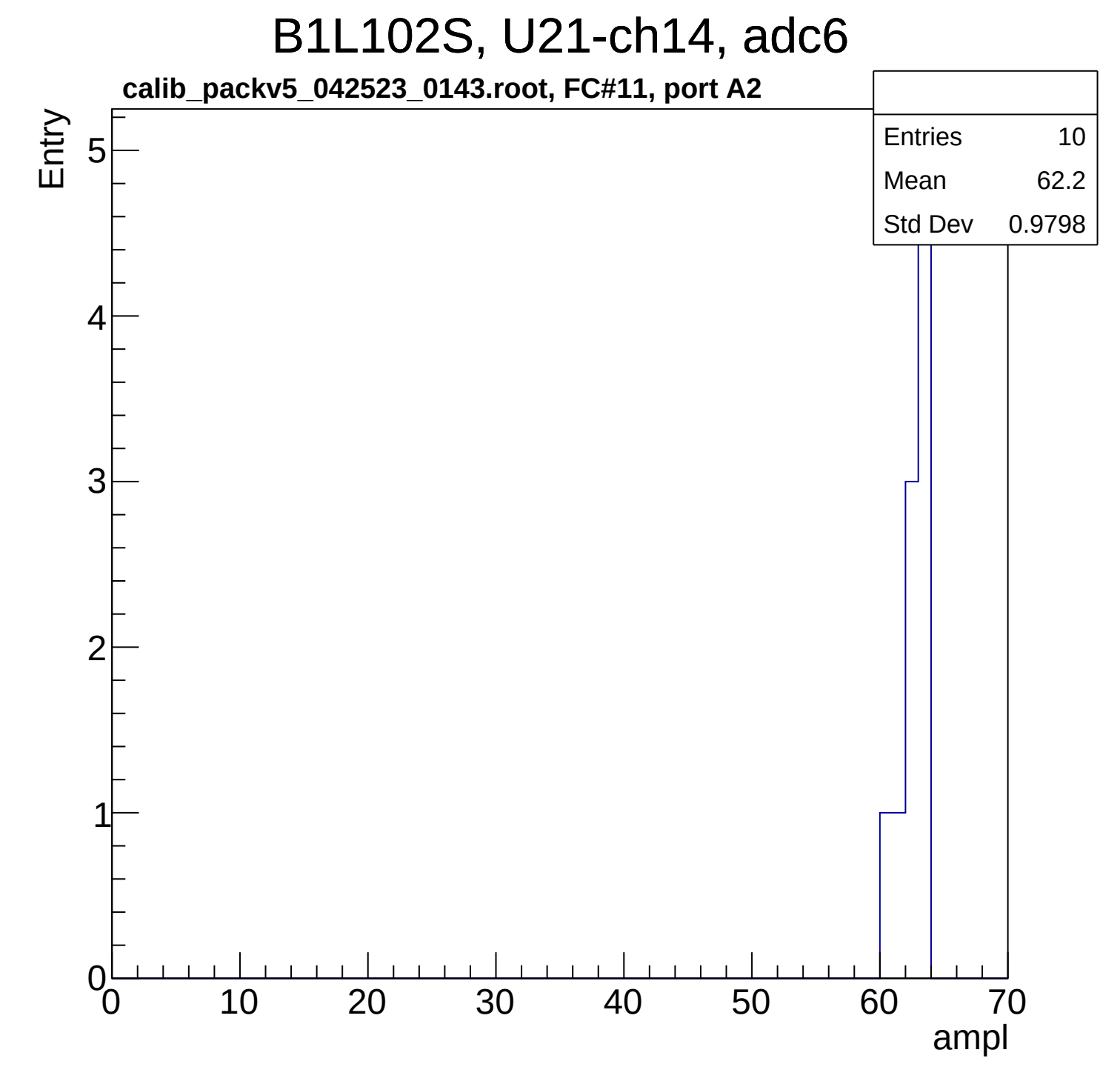
B1L102S, U21-ch14, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 10
Mean 62.2
Std Dev 0.9798
Entry
ampl
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0
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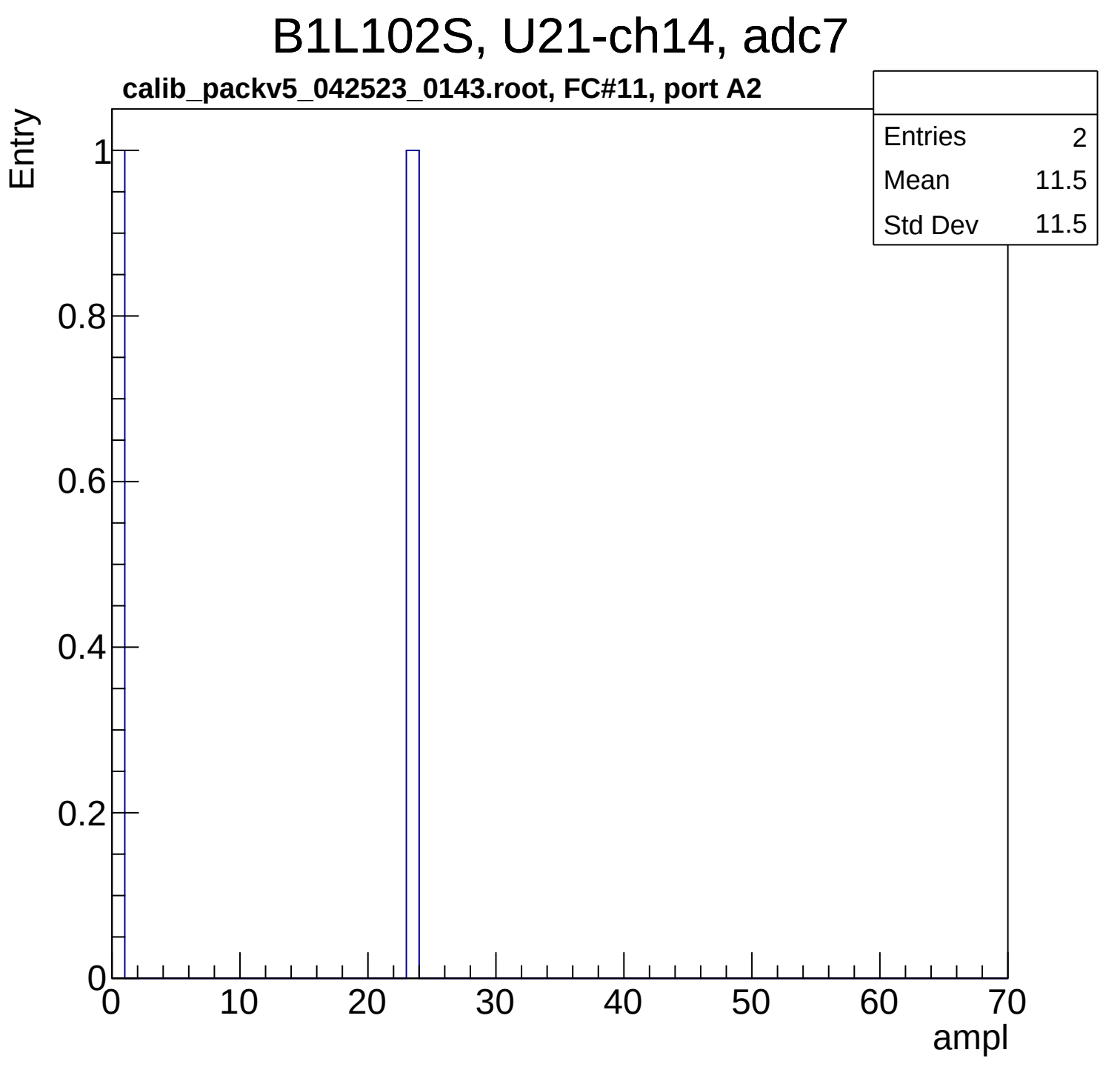
50
60
70


B1L102S, U21-ch14, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 11.5
Std Dev 11.5
Entry
ampl
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0.2
0.4
0.6
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1
0
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20
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40
50
60
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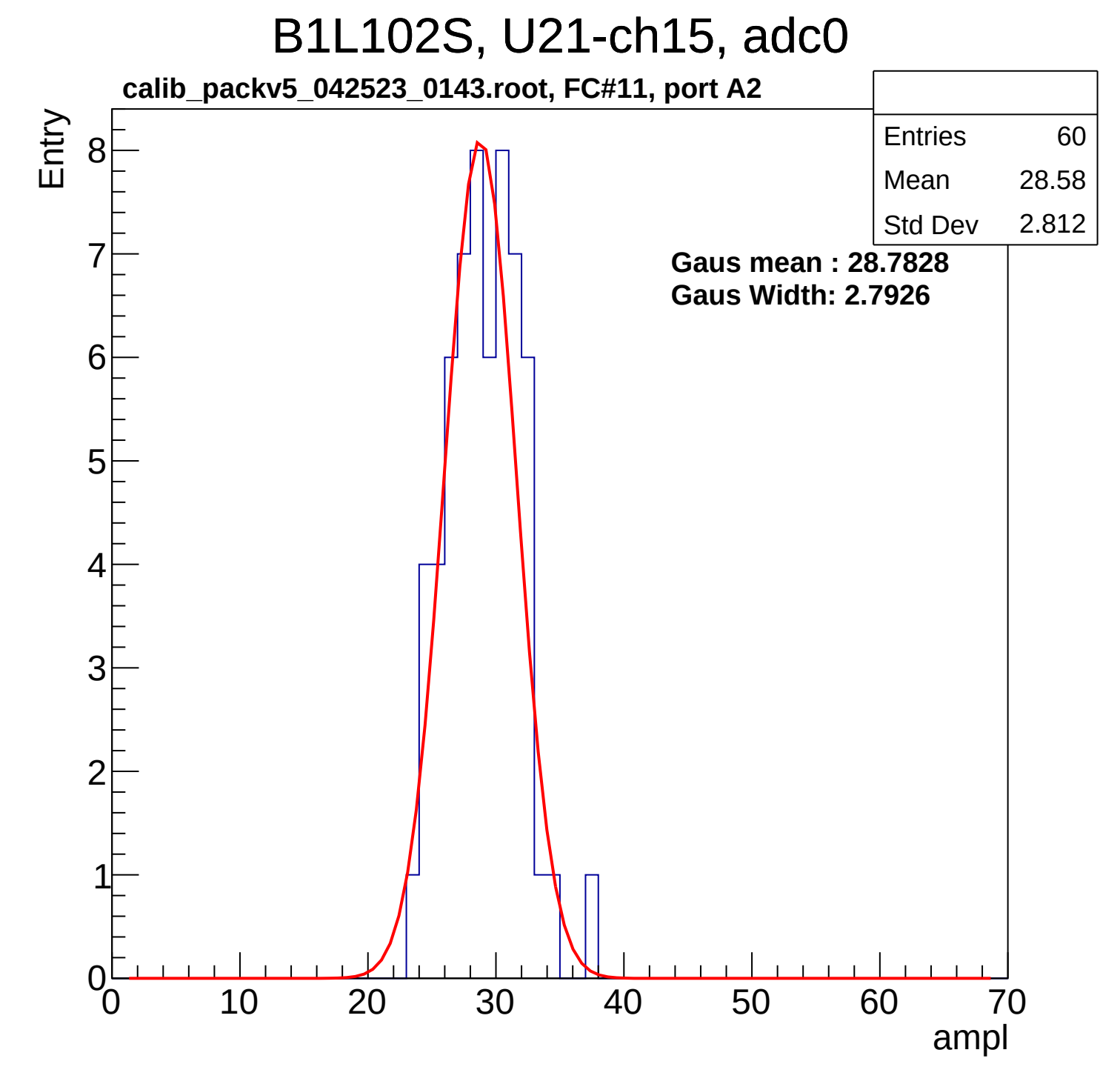
B1L102S, U21-ch15, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 28.58
Std Dev 2.812
Gaus mean : 28.7828
Gaus Width: 2.7926
Entry
ampl
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1
2
3
4
5
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0
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60
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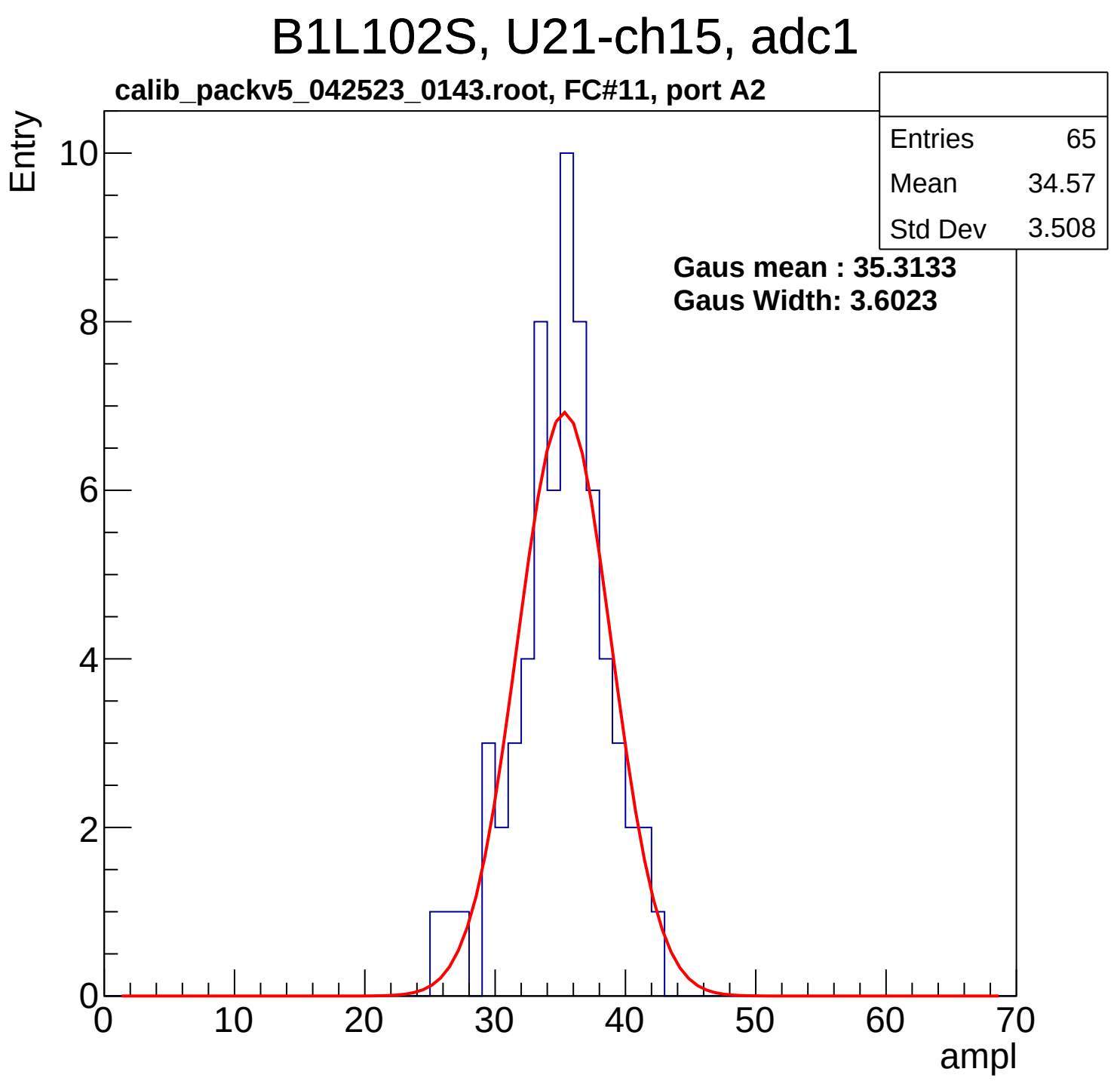
B1L102S, U21-ch15, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 34.57
Std Dev 3.508
Gaus mean : 35.3133
Gaus Width: 3.6023
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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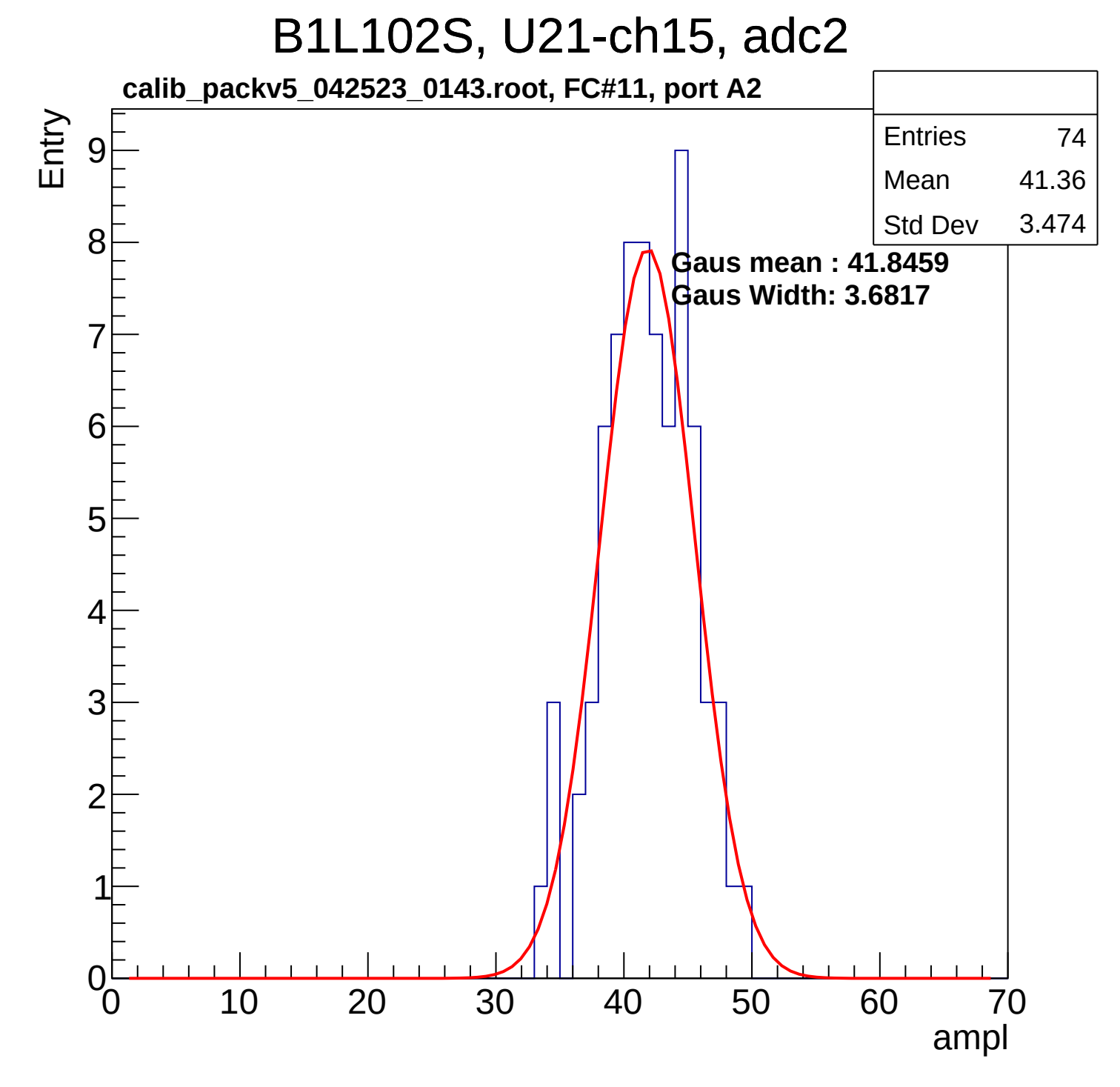
B1L102S, U21-ch15, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 41.36
Std Dev 3.474
Gaus mean : 41.8459
Gaus Width: 3.6817
Entry
ampl
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10
20
30
40
50
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2
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6
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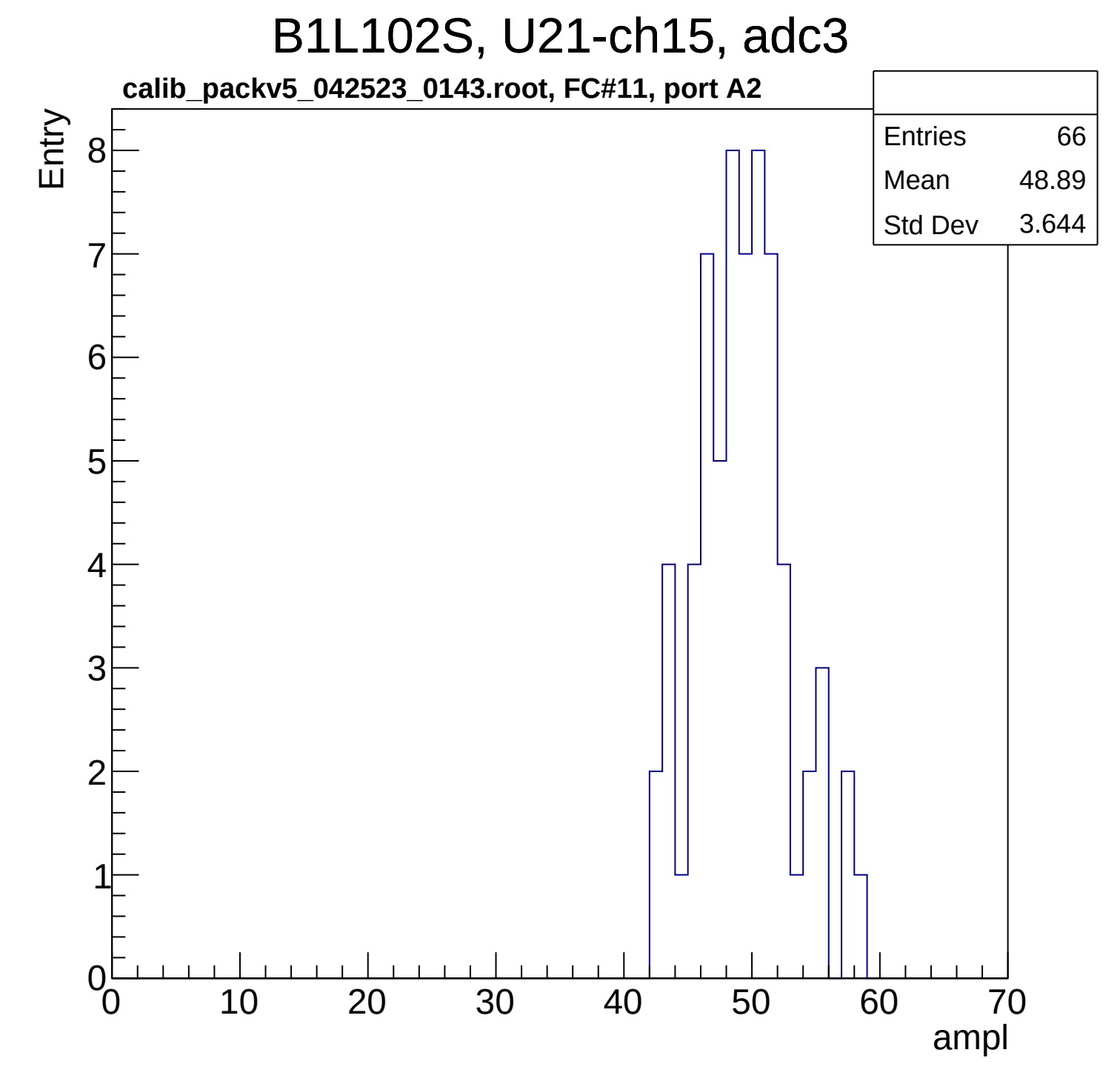
8
9


B1L102S, U21-ch15, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 48.89
Std Dev 3.644
Entry
ampl
0
1
2
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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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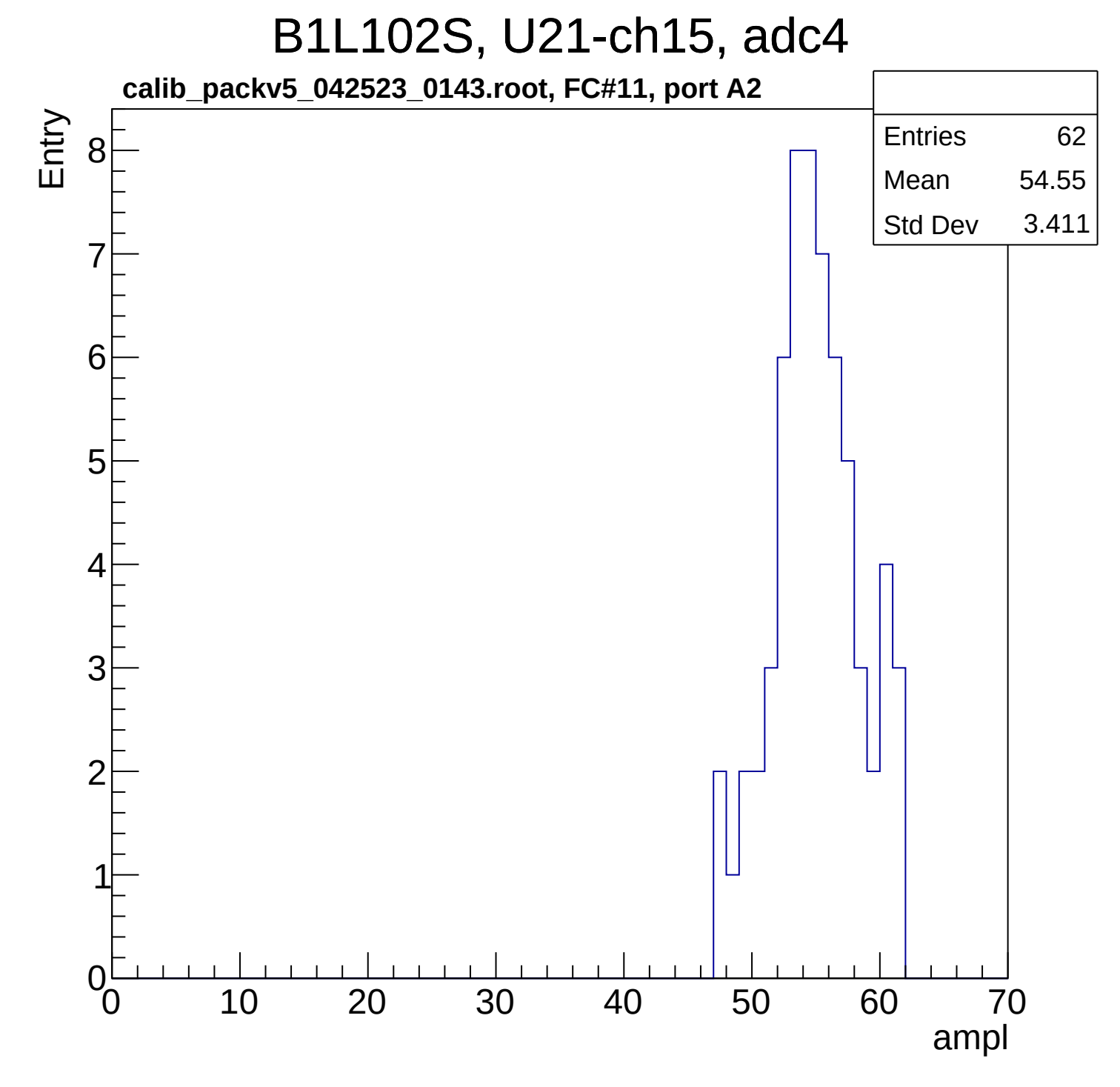
B1L102S, U21-ch15, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 54.55
Std Dev 3.411
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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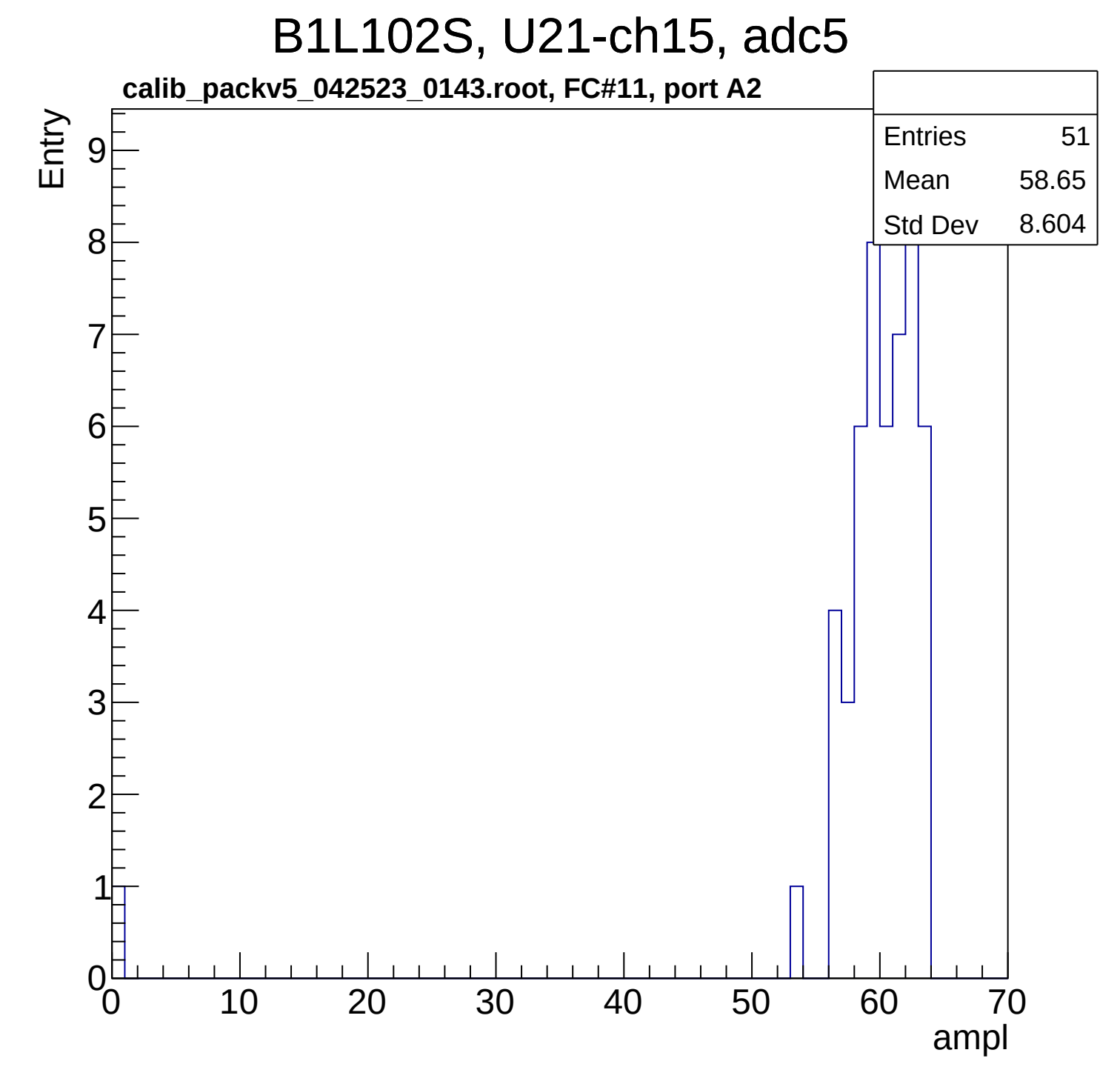
B1L102S, U21-ch15, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 58.65
Std Dev 8.604
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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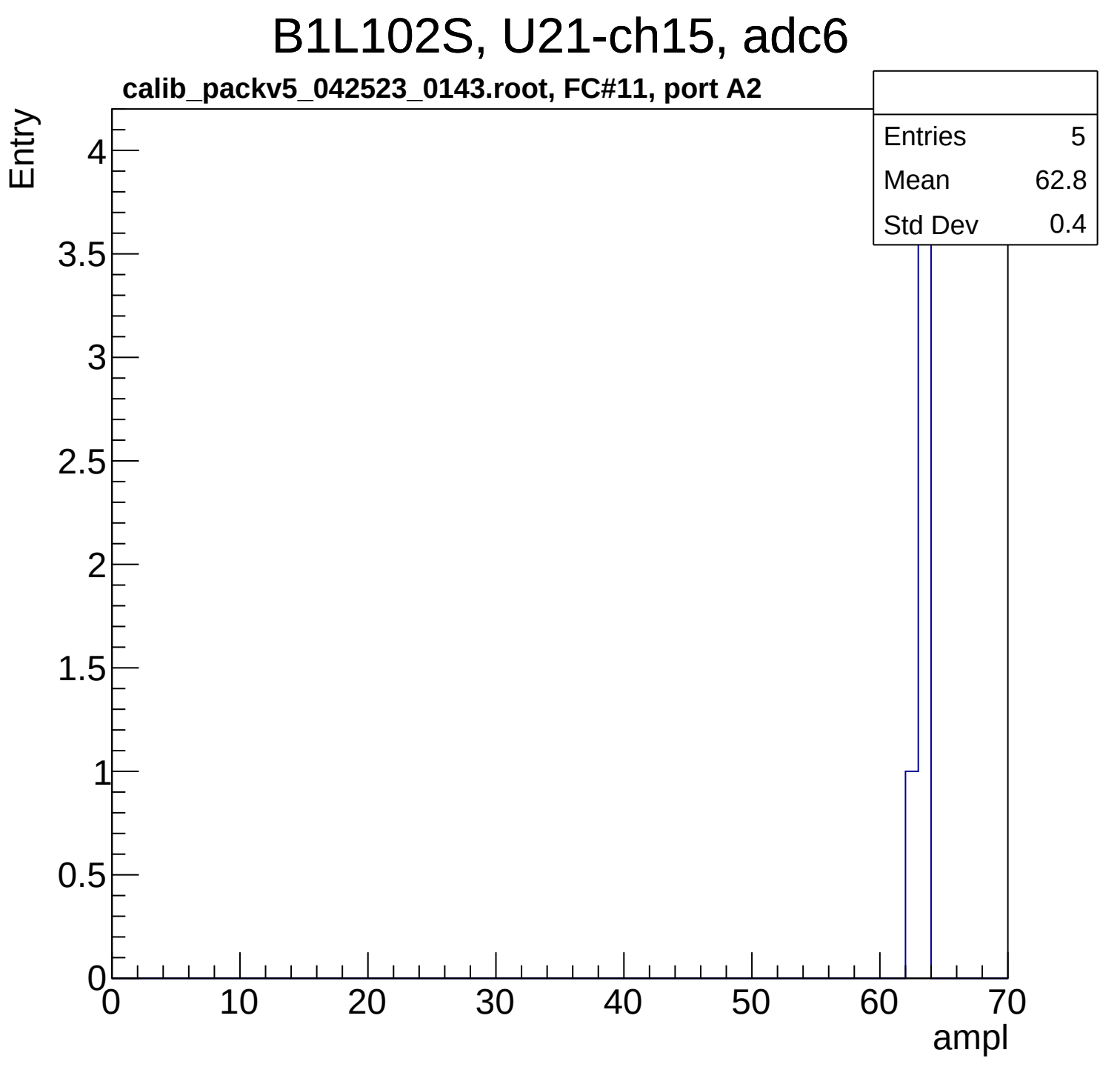
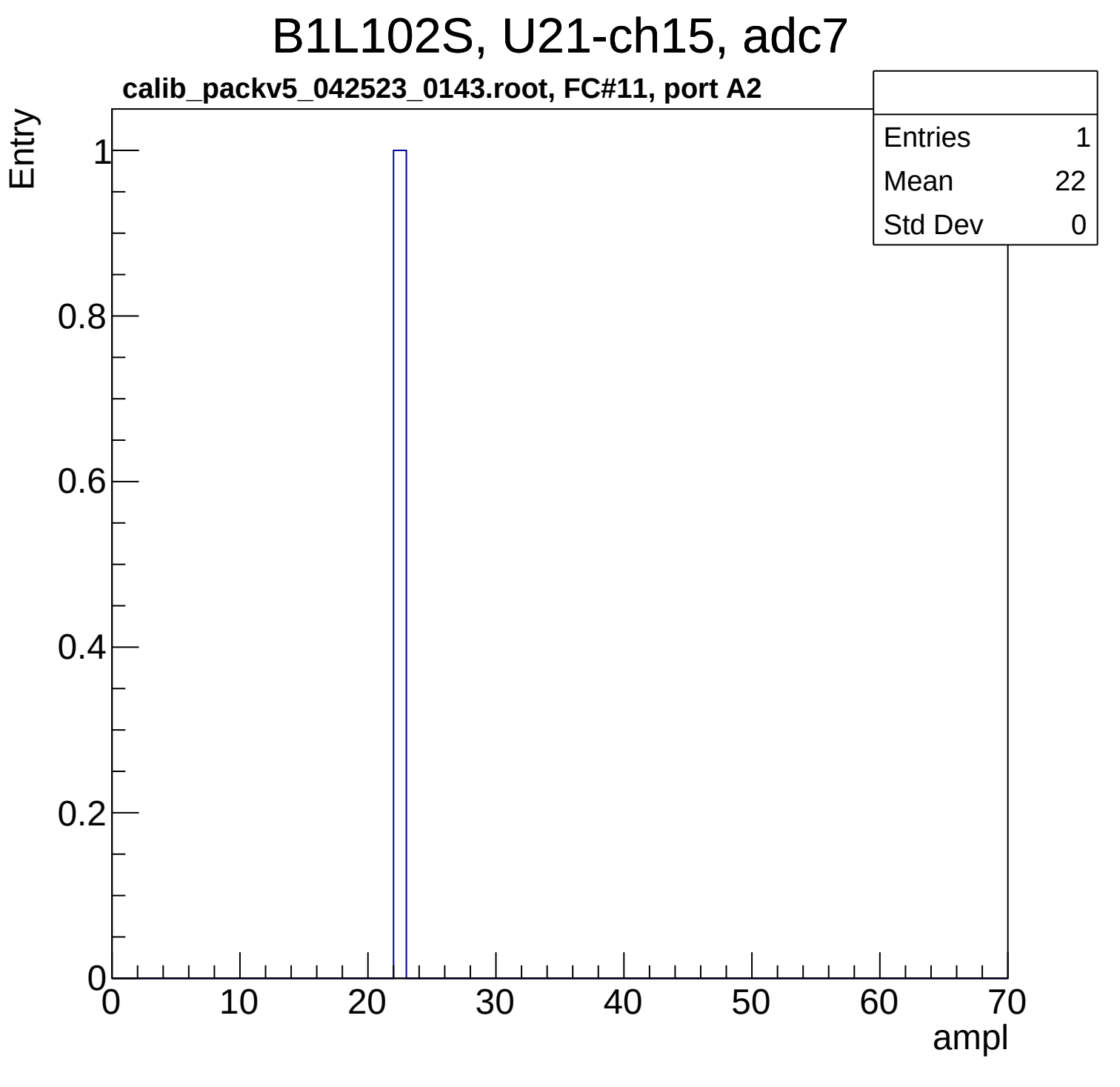
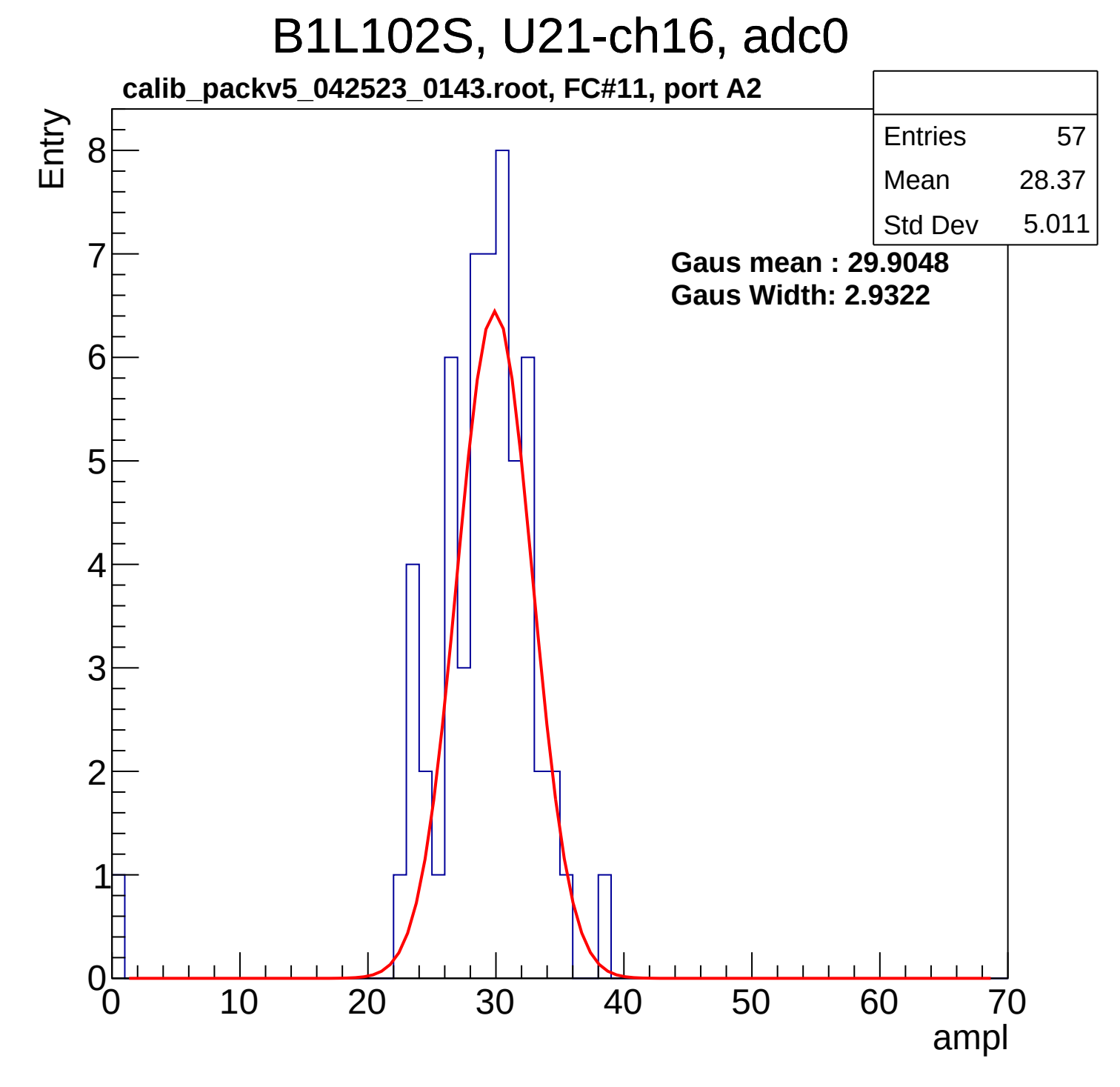

B1L102S, U21-ch15, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 5
Mean 62.8
Std Dev 0.4
Entry
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch15, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 22
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch16, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 28.37
Std Dev 5.011
Gaus mean : 29.9048
Gaus Width: 2.9322
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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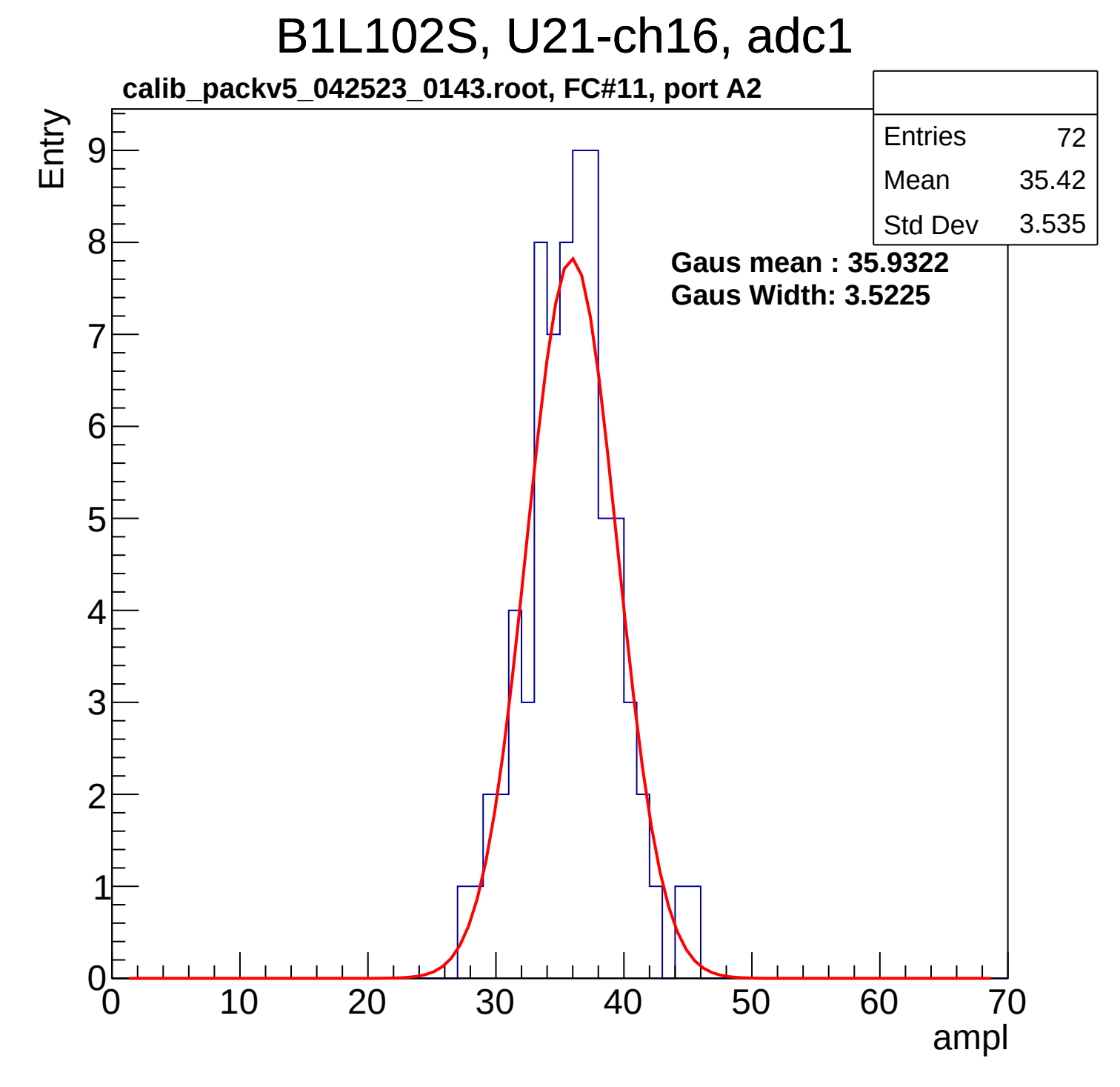
B1L102S, U21-ch16, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 35.42
Std Dev 3.535
Gaus mean : 35.9322
Gaus Width: 3.5225
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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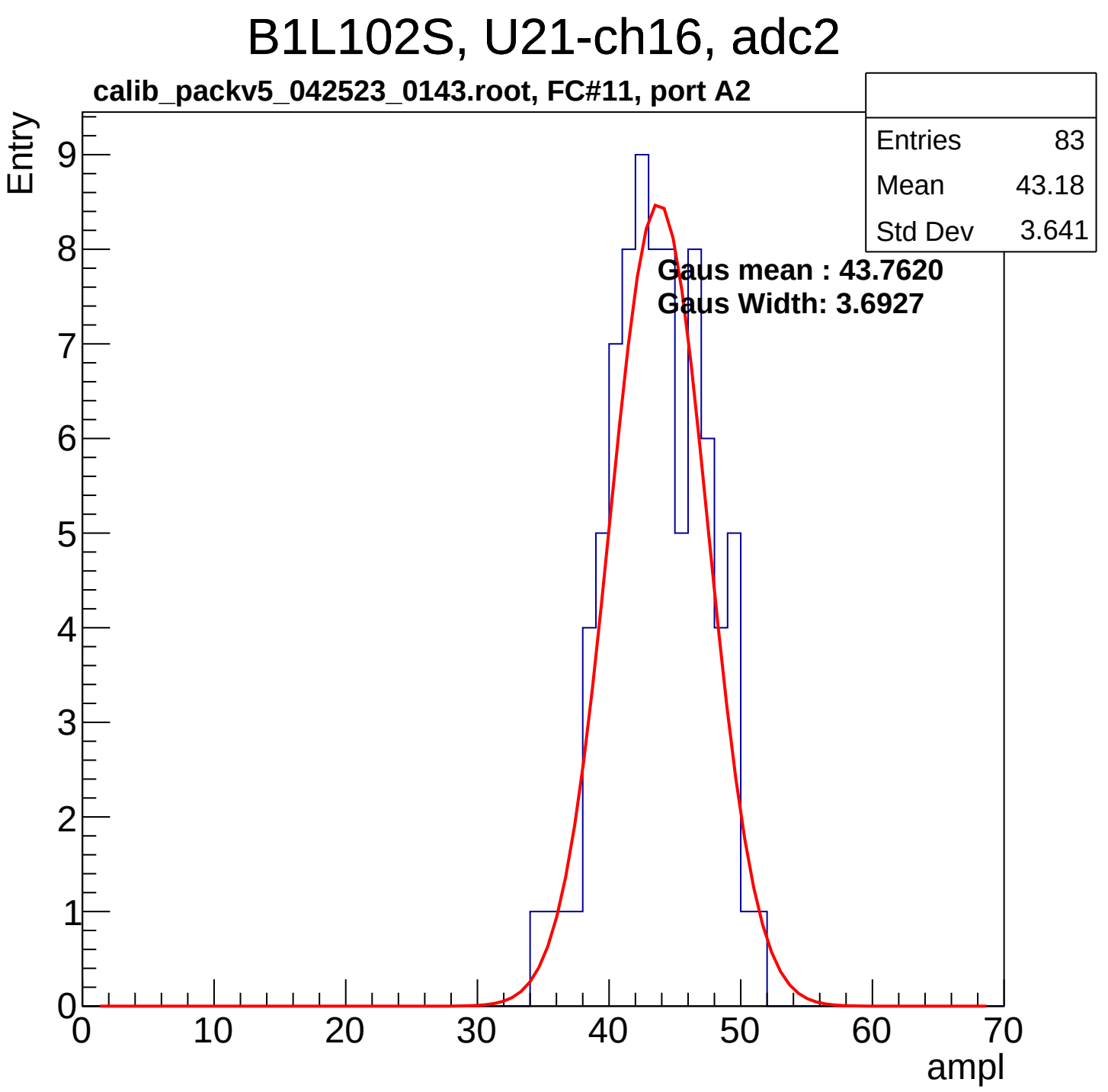
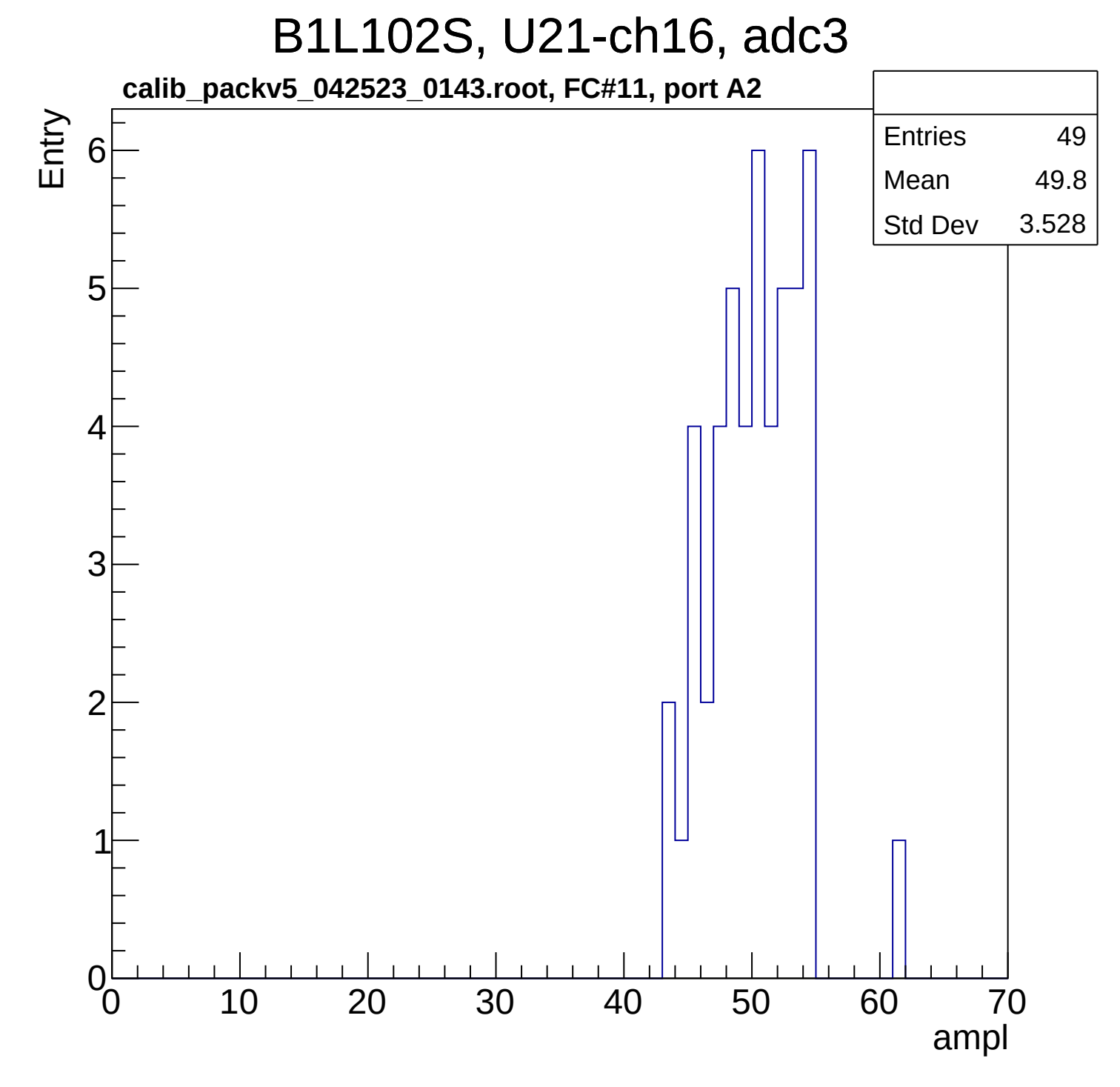
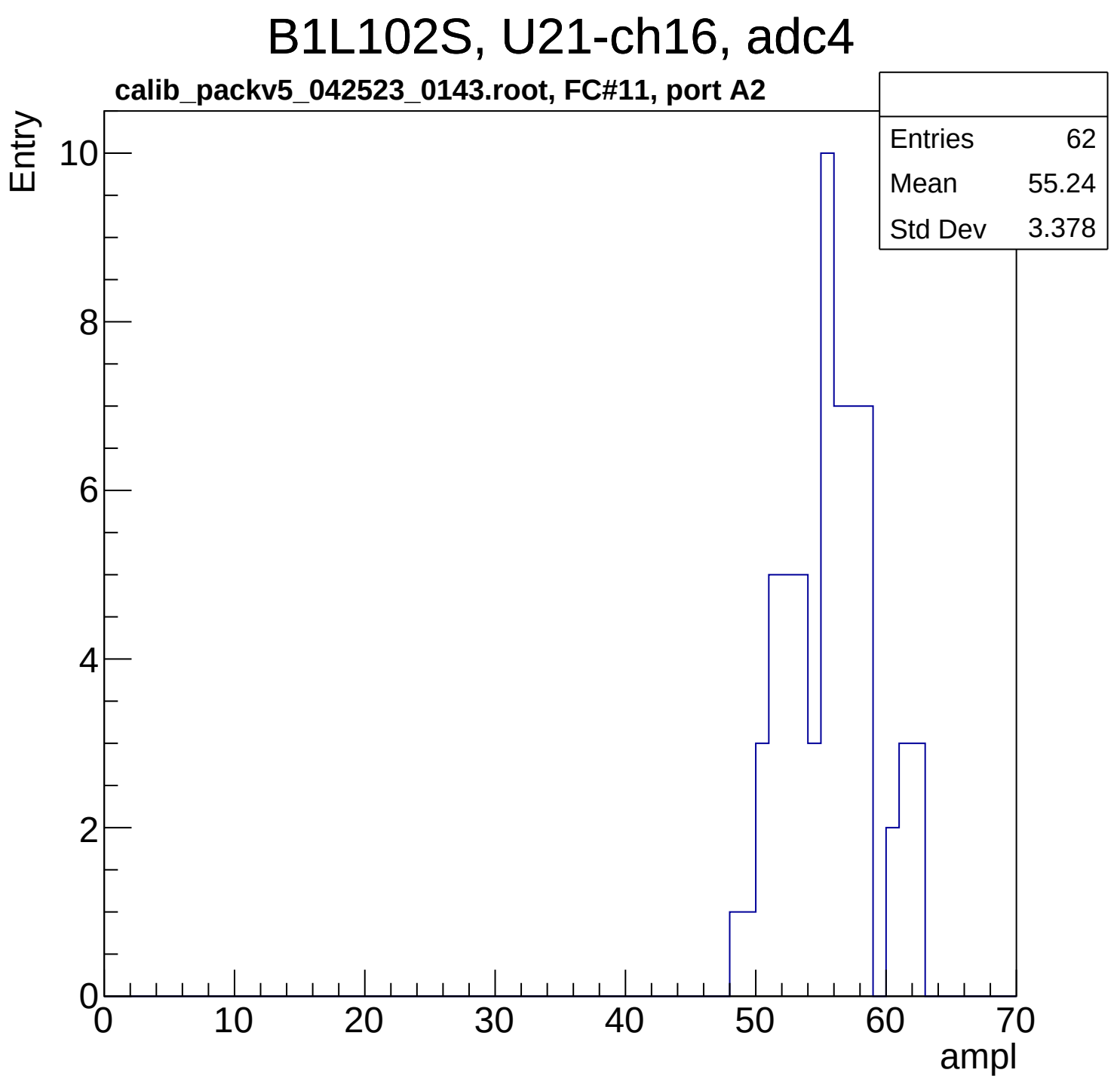
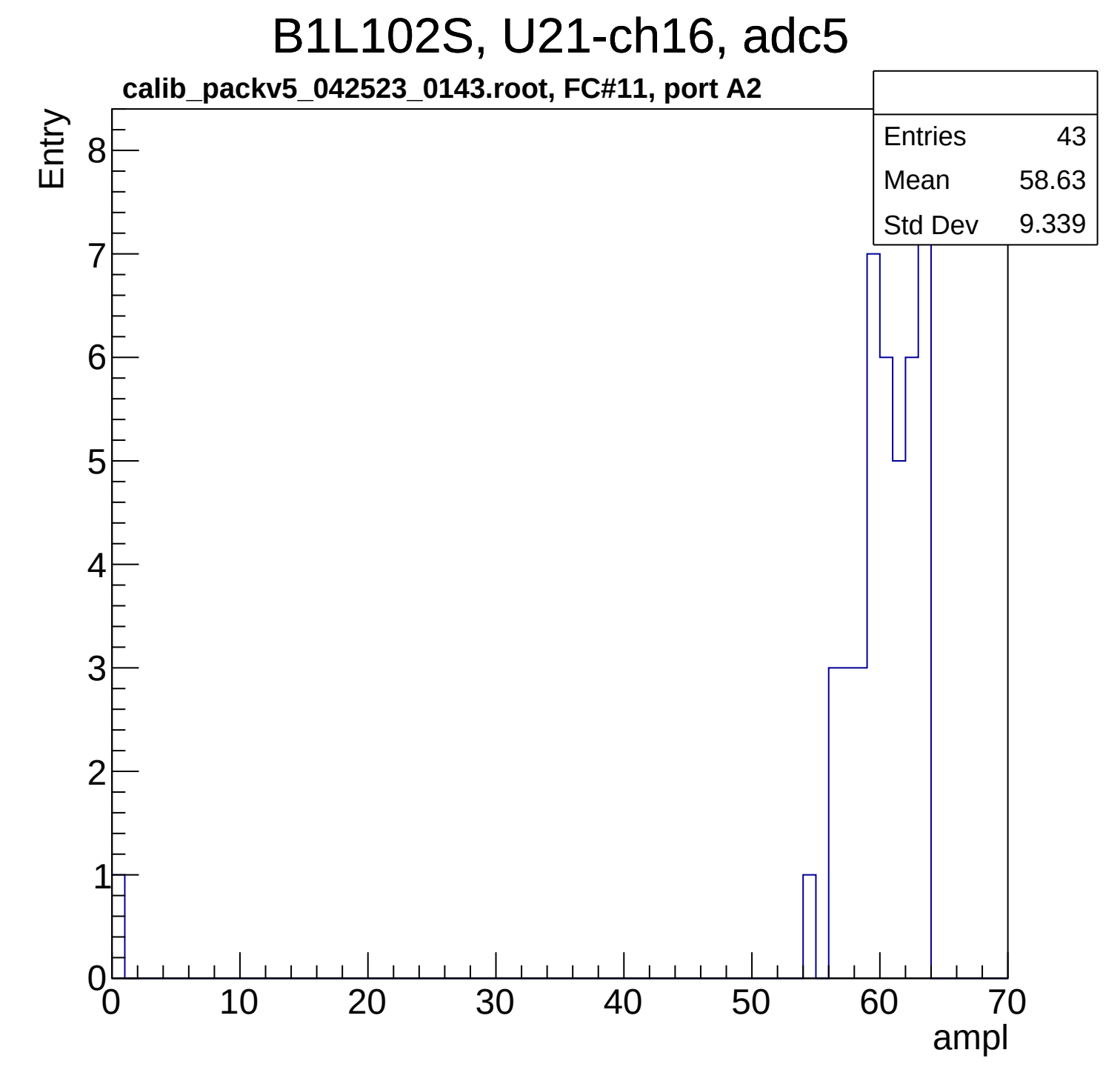

B1L102S, U21-ch16, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 83
Mean 43.18
Std Dev 3.641
Gaus mean : 43.7620
Gaus Width: 3.6927
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L102S, U21-ch16, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 49.8
Std Dev 3.528
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U21-ch16, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 55.24
Std Dev 3.378
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch16, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 43
Mean 58.63
Std Dev 9.339
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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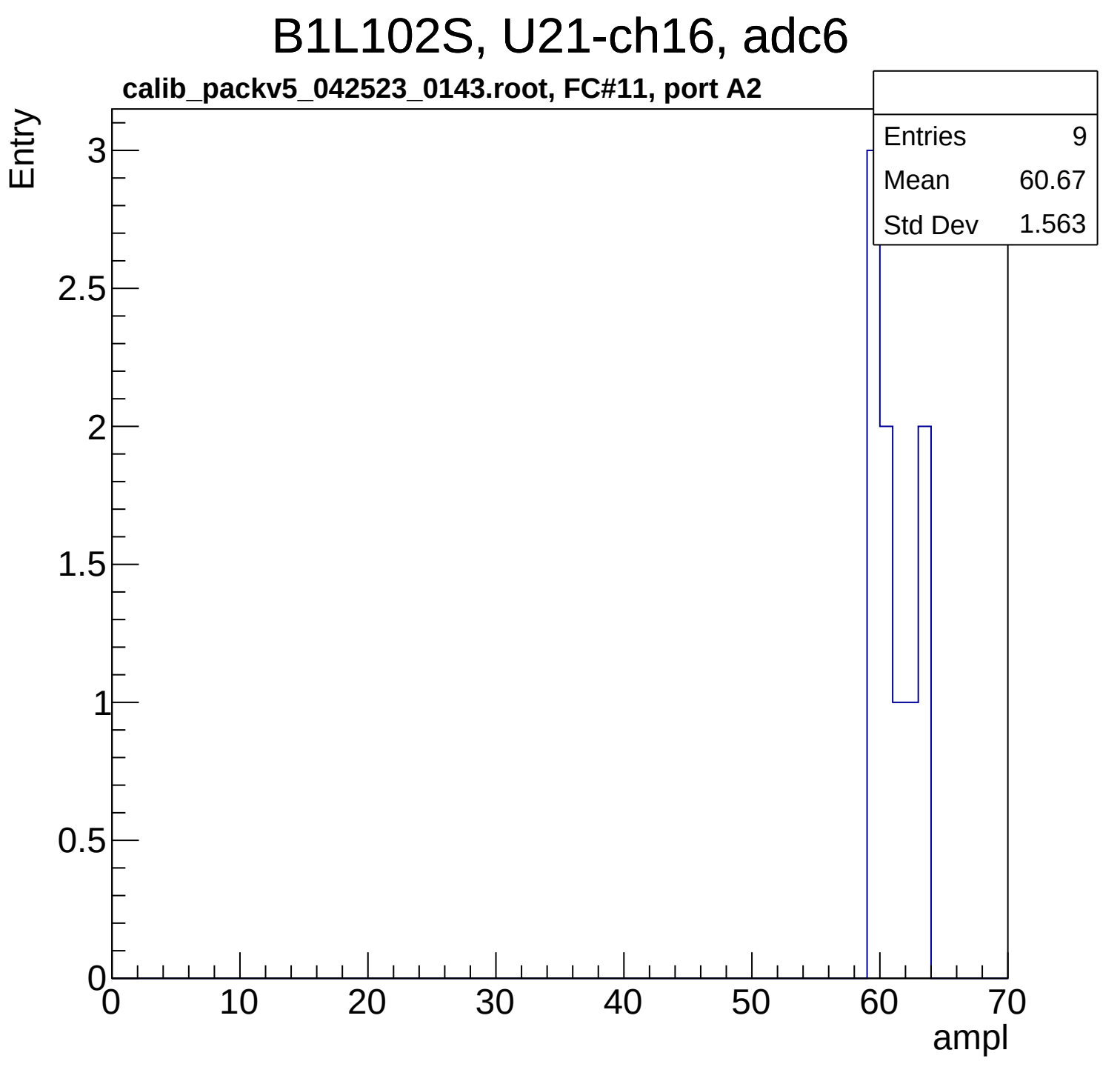
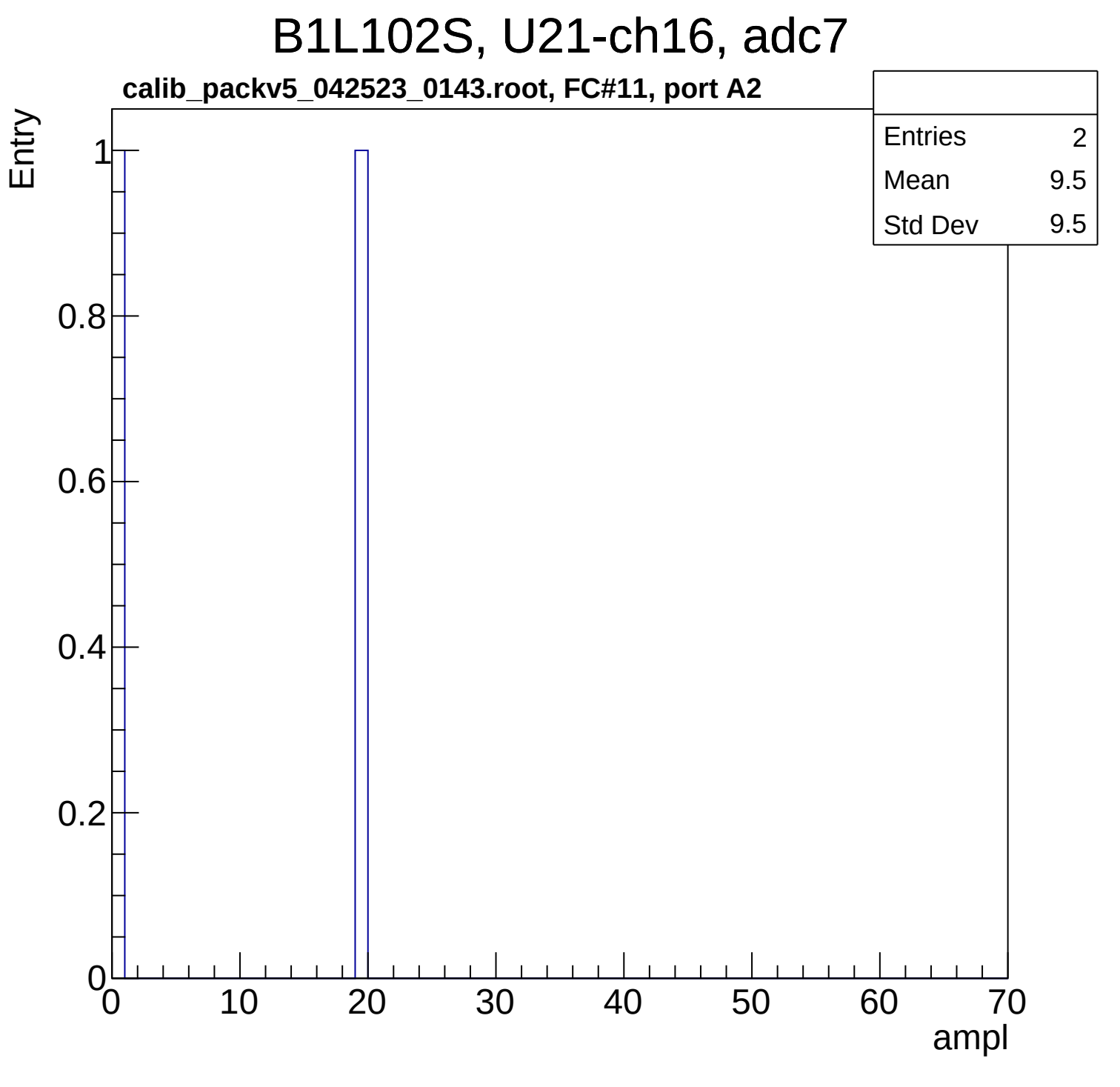

B1L102S, U21-ch16, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 9
Mean 60.67
Std Dev 1.563
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U21-ch16, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 9.5
Std Dev 9.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
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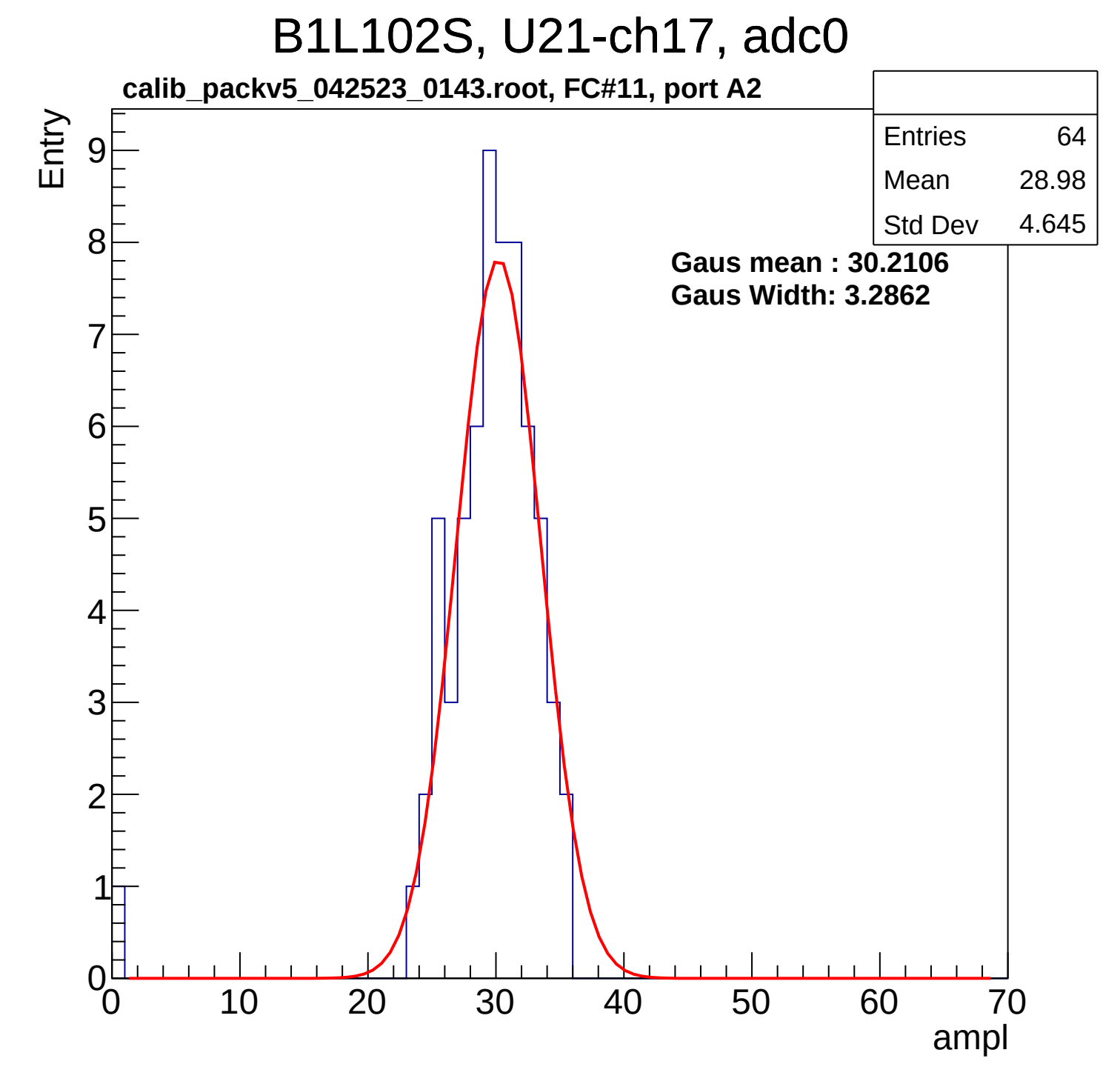
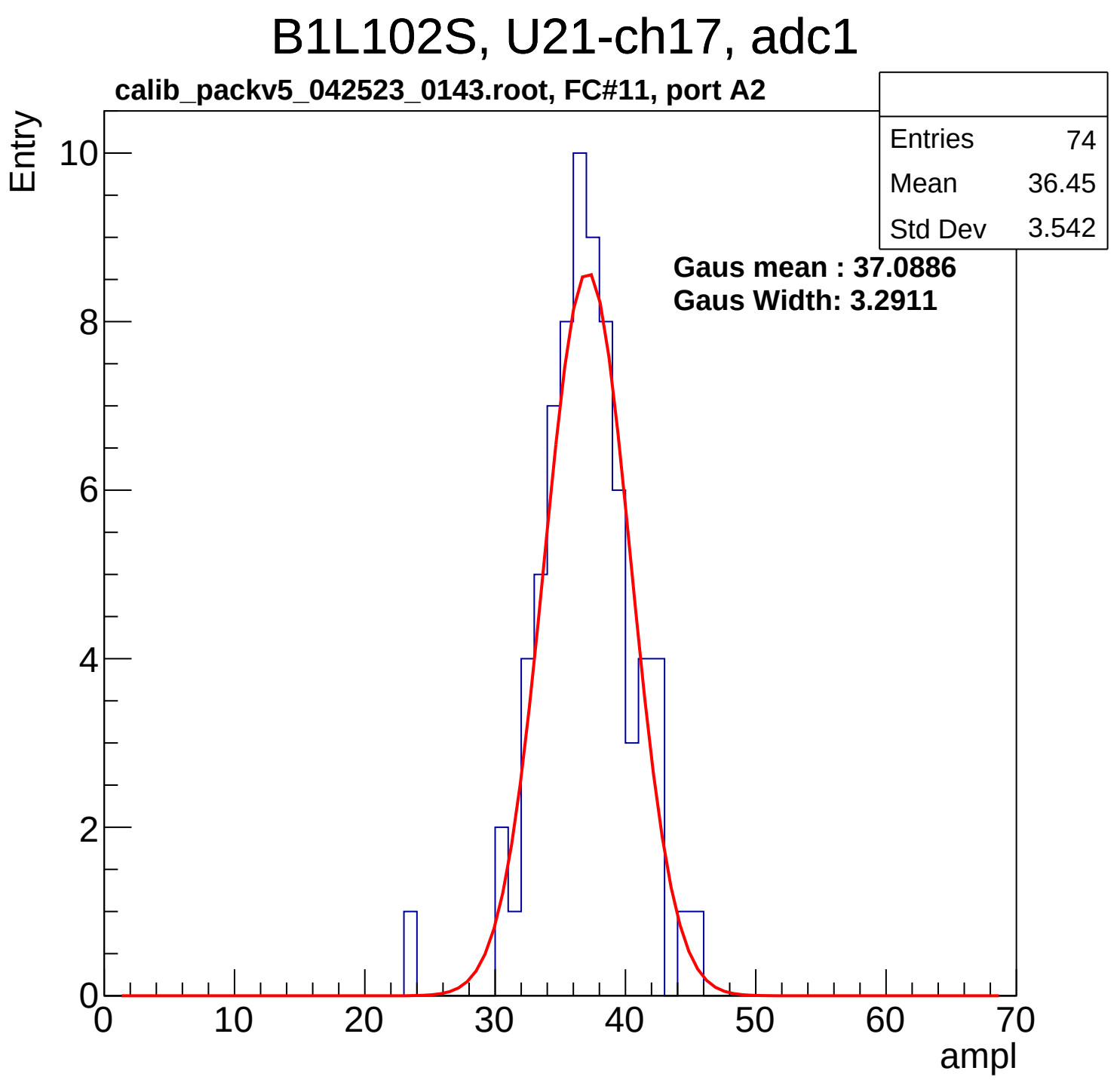
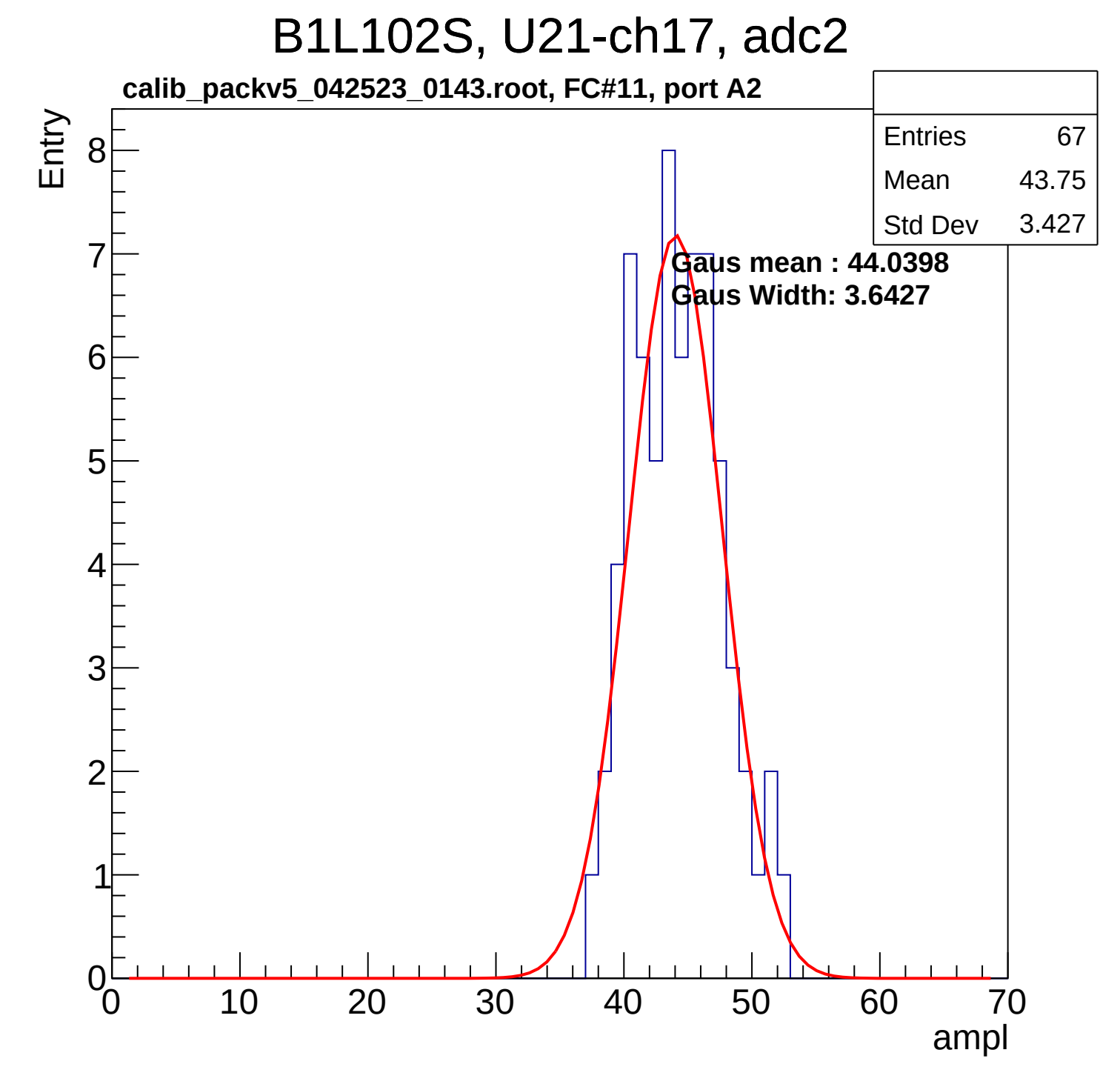
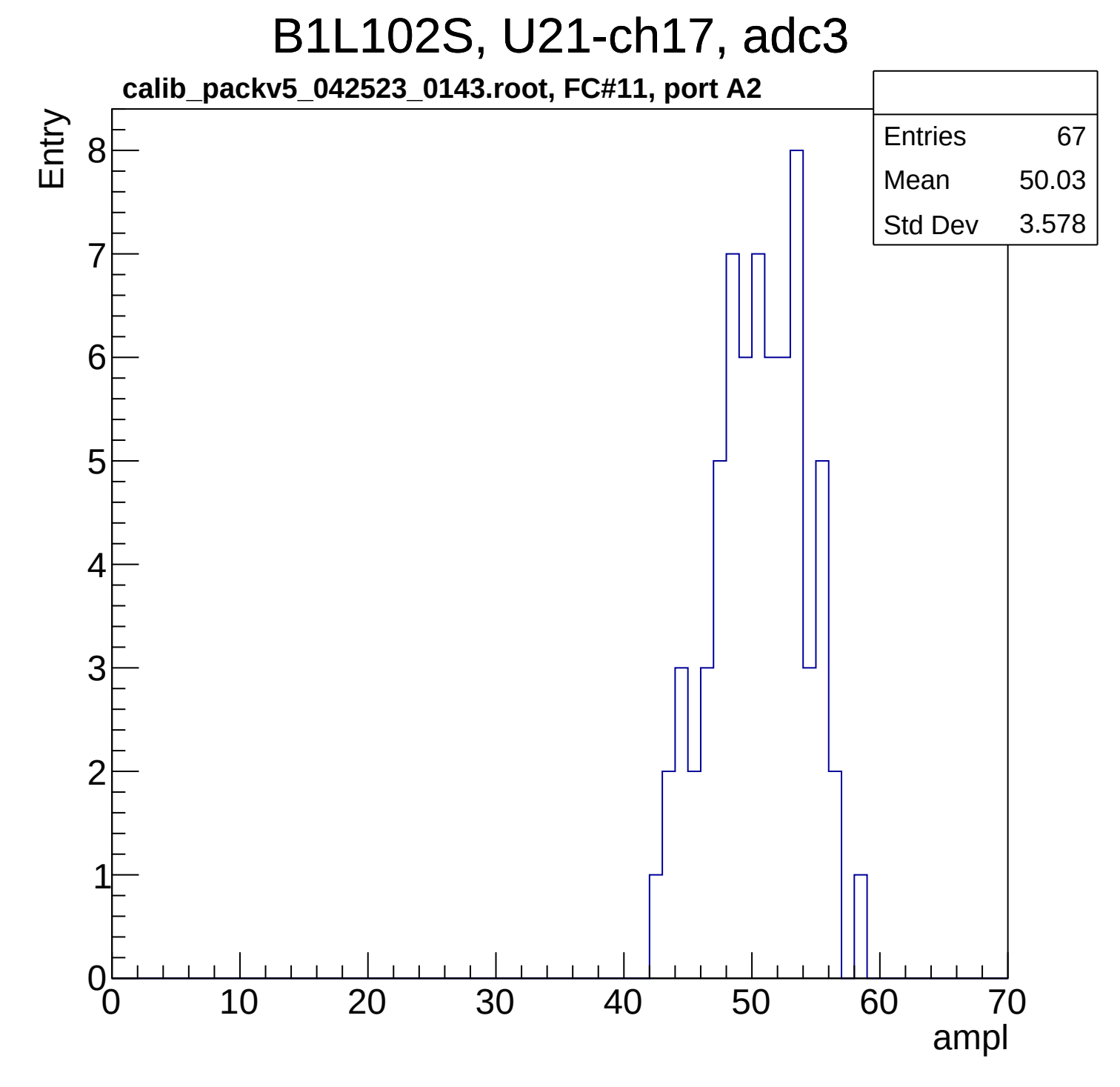
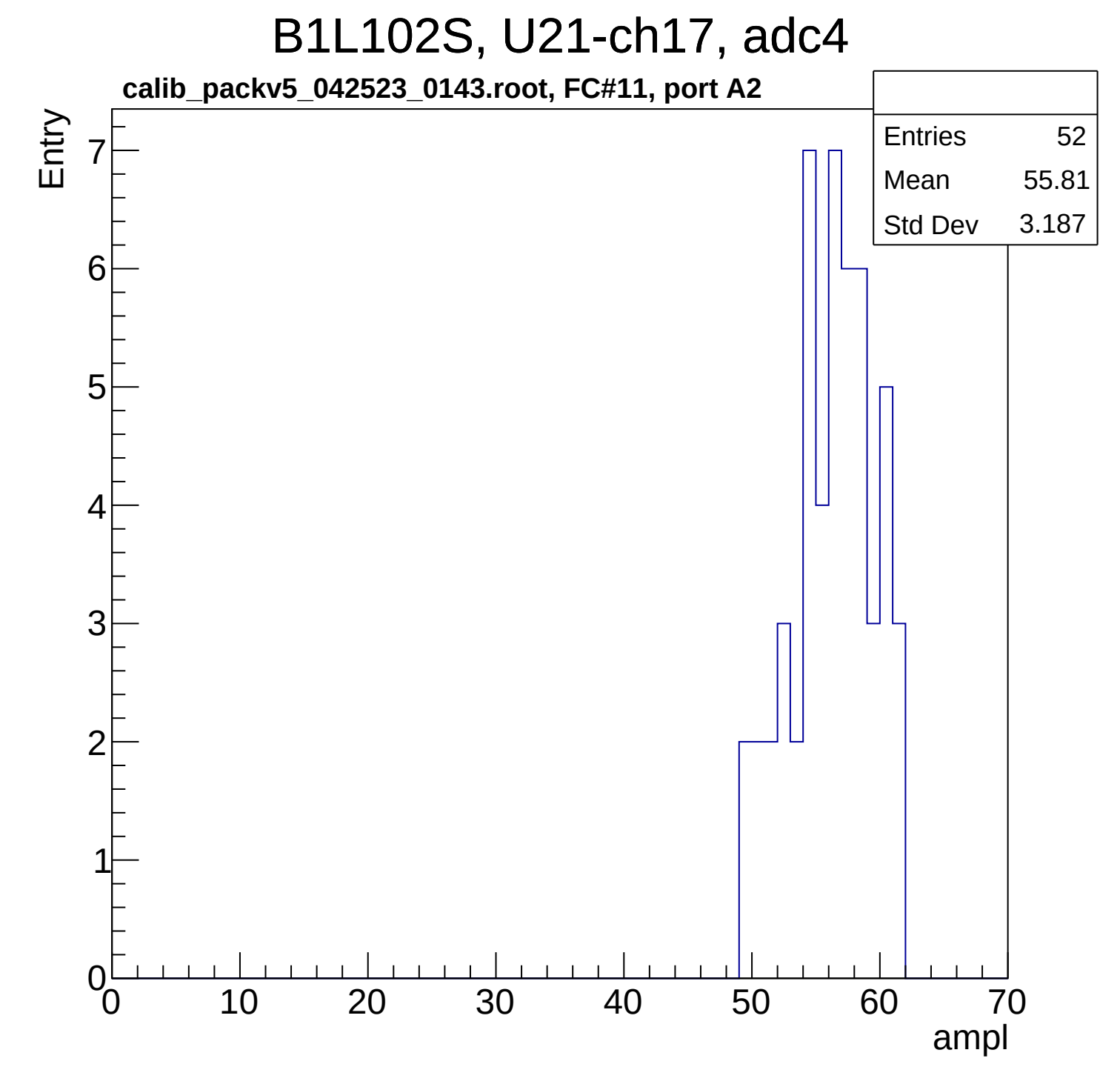
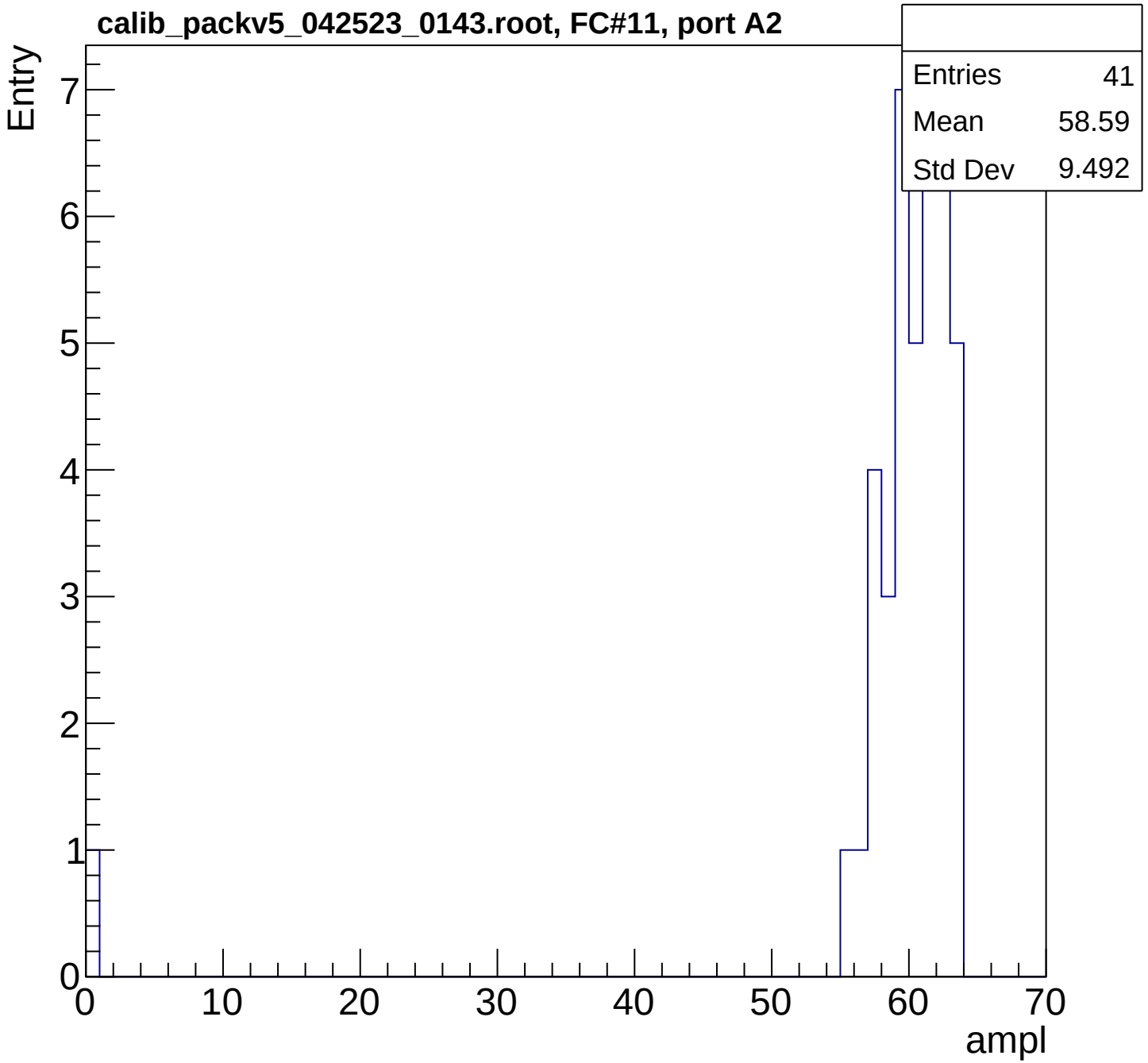

B1L102S, U21-ch17, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 28.98
Std Dev 4.645
Gaus mean : 30.2106
Gaus Width: 3.2862
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch17, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 36.45
Std Dev 3.542
Gaus mean : 37.0886
Gaus Width: 3.2911
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch17, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 43.75
Std Dev 3.427
Gaus mean : 44.0398
Gaus Width: 3.6427
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch17, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 50.03
Std Dev 3.578
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch17, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 55.81
Std Dev 3.187
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch17, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 41
Mean 58.59
Std Dev 9.492
Entry
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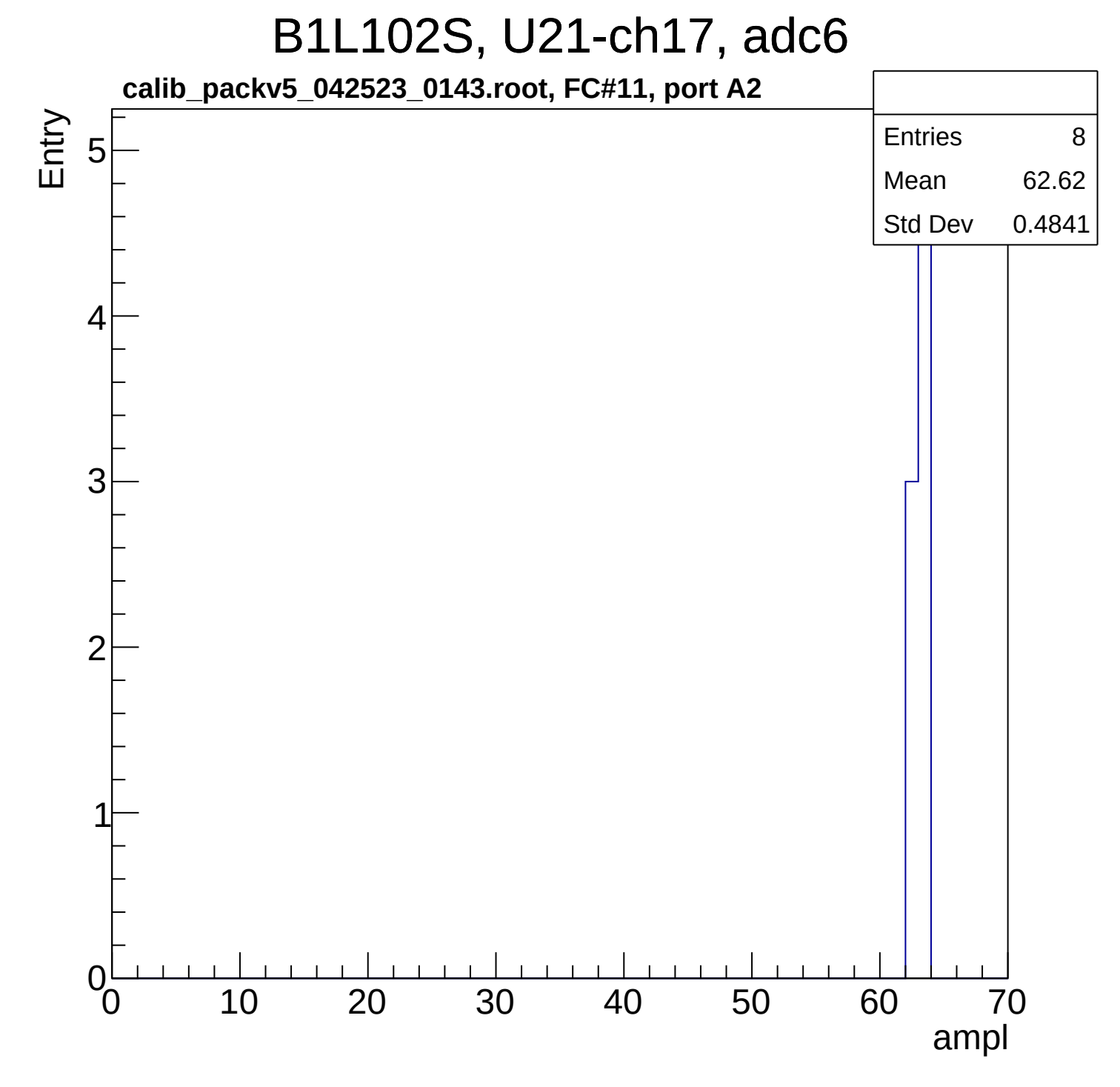
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch17, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 8
Mean 62.62
Std Dev 0.4841
Entry
ampl
0
1
2
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4
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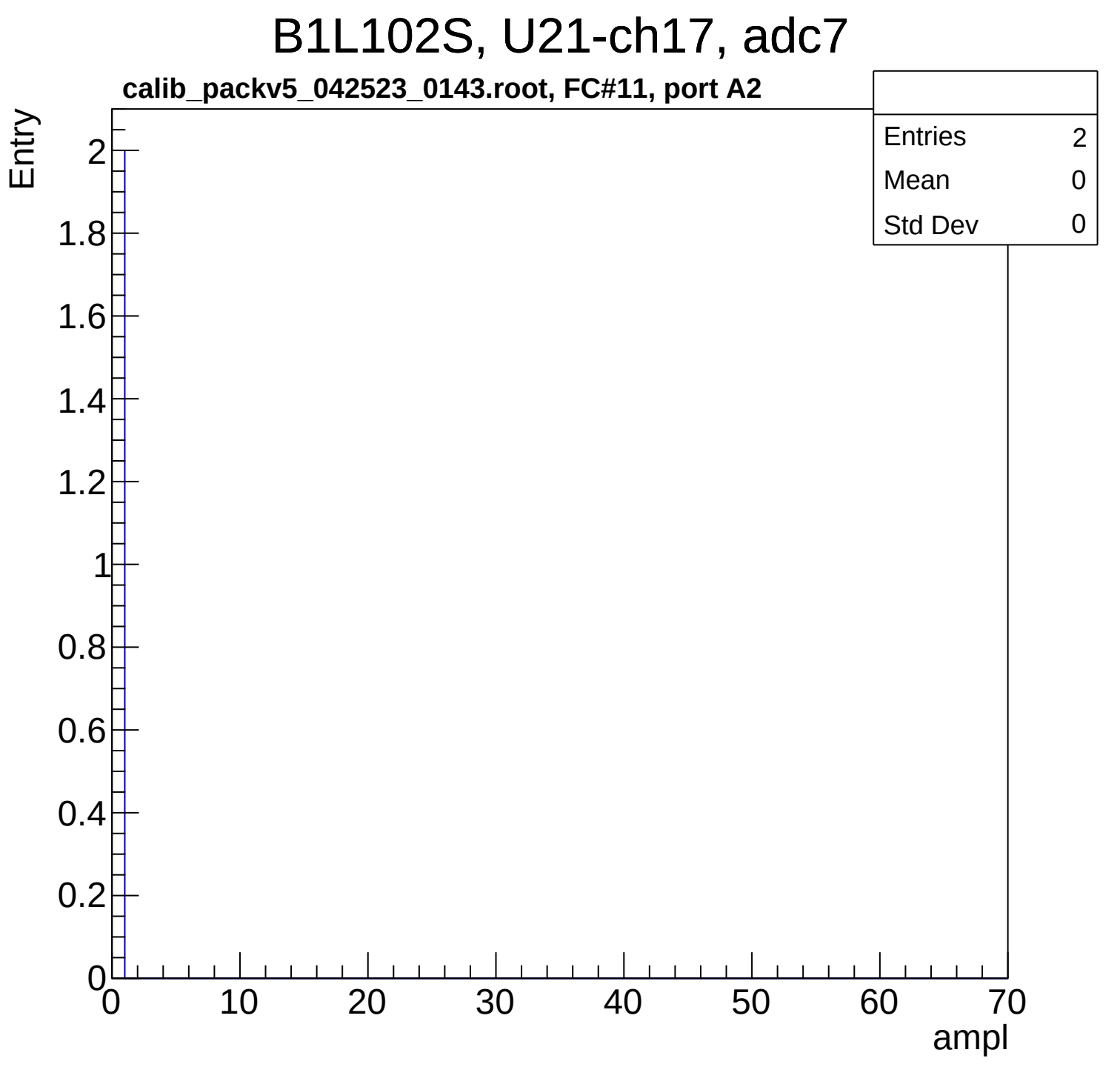
0
10
20
30
40
50
60
70


B1L102S, U21-ch17, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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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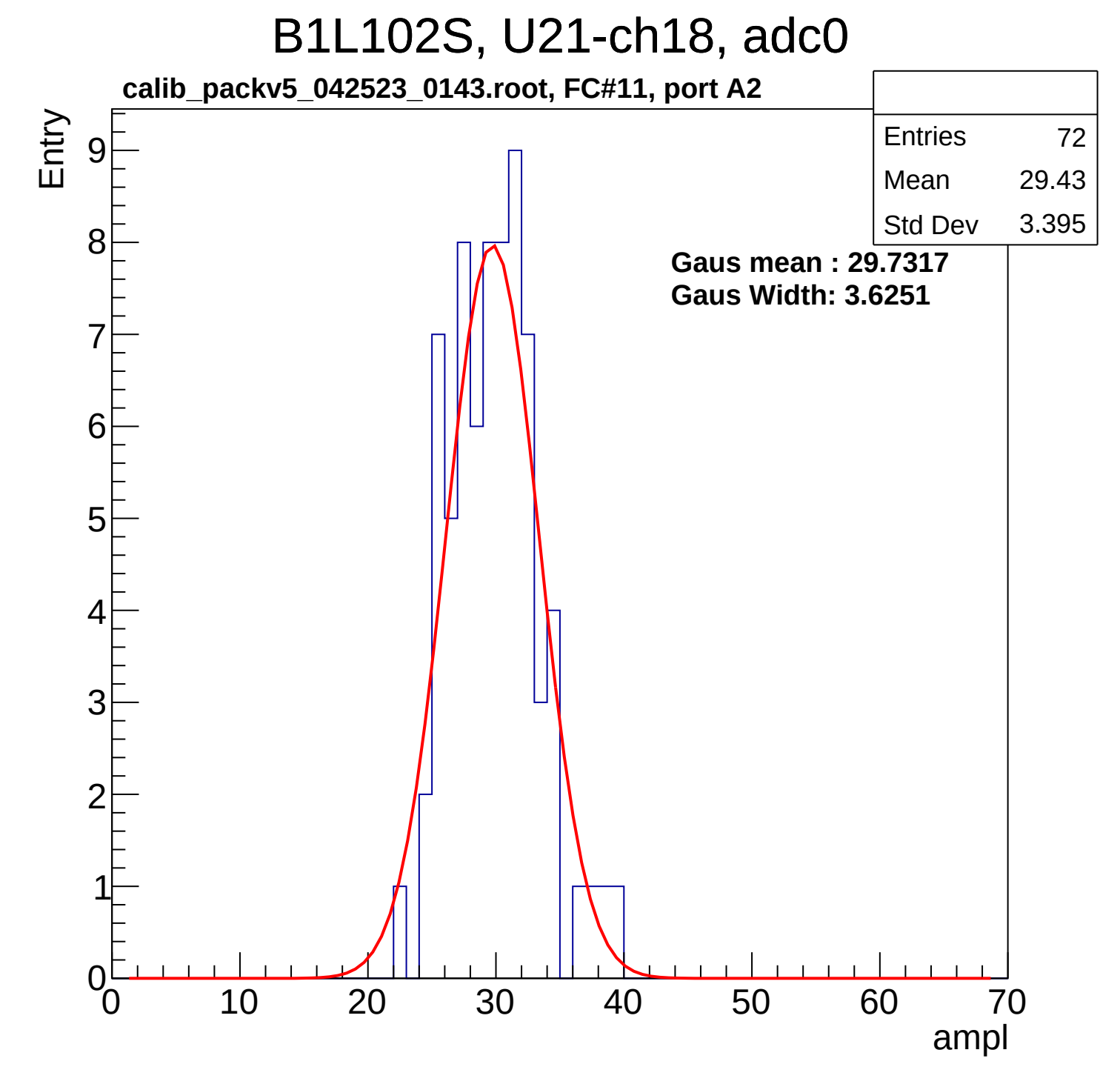
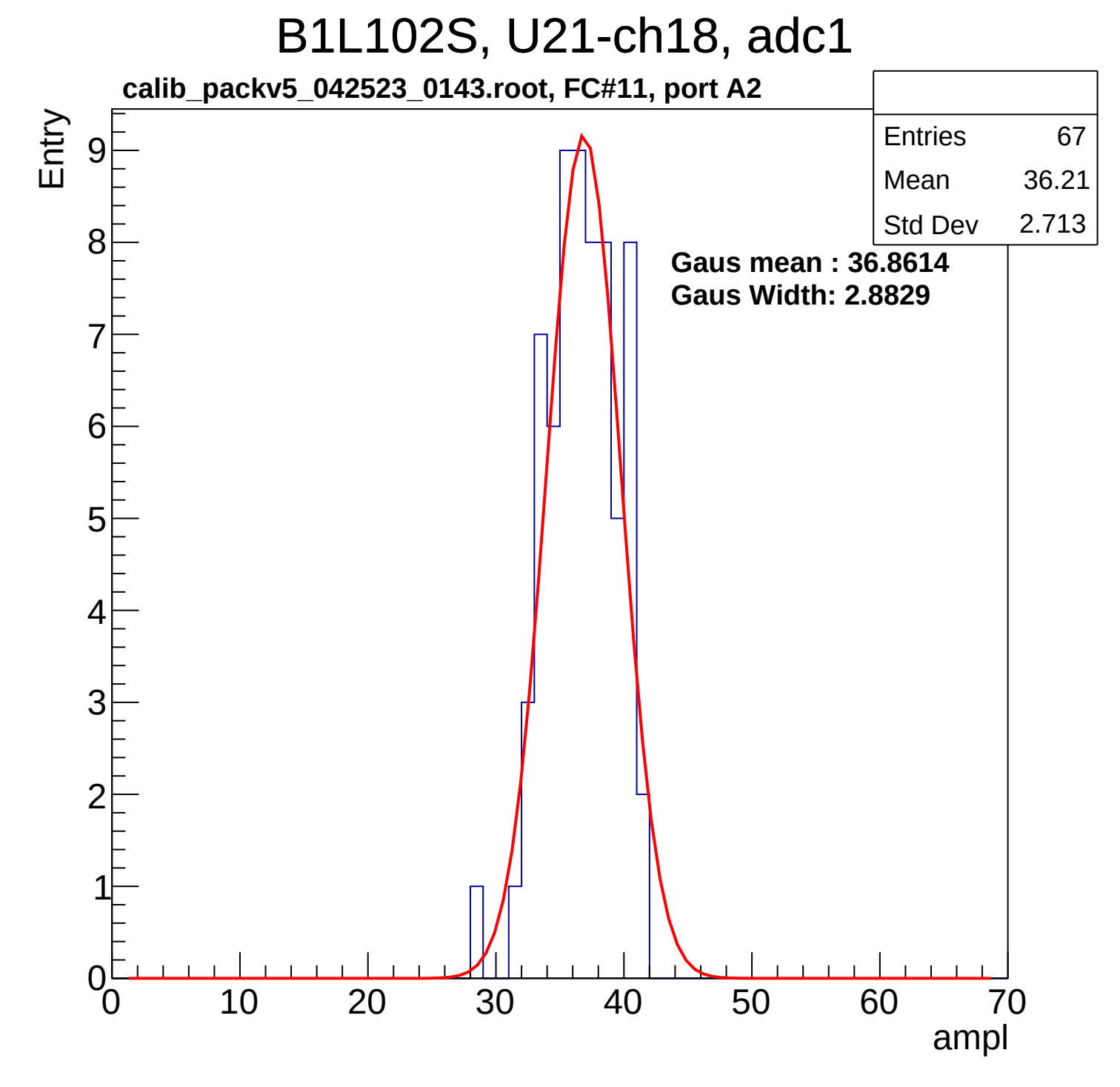
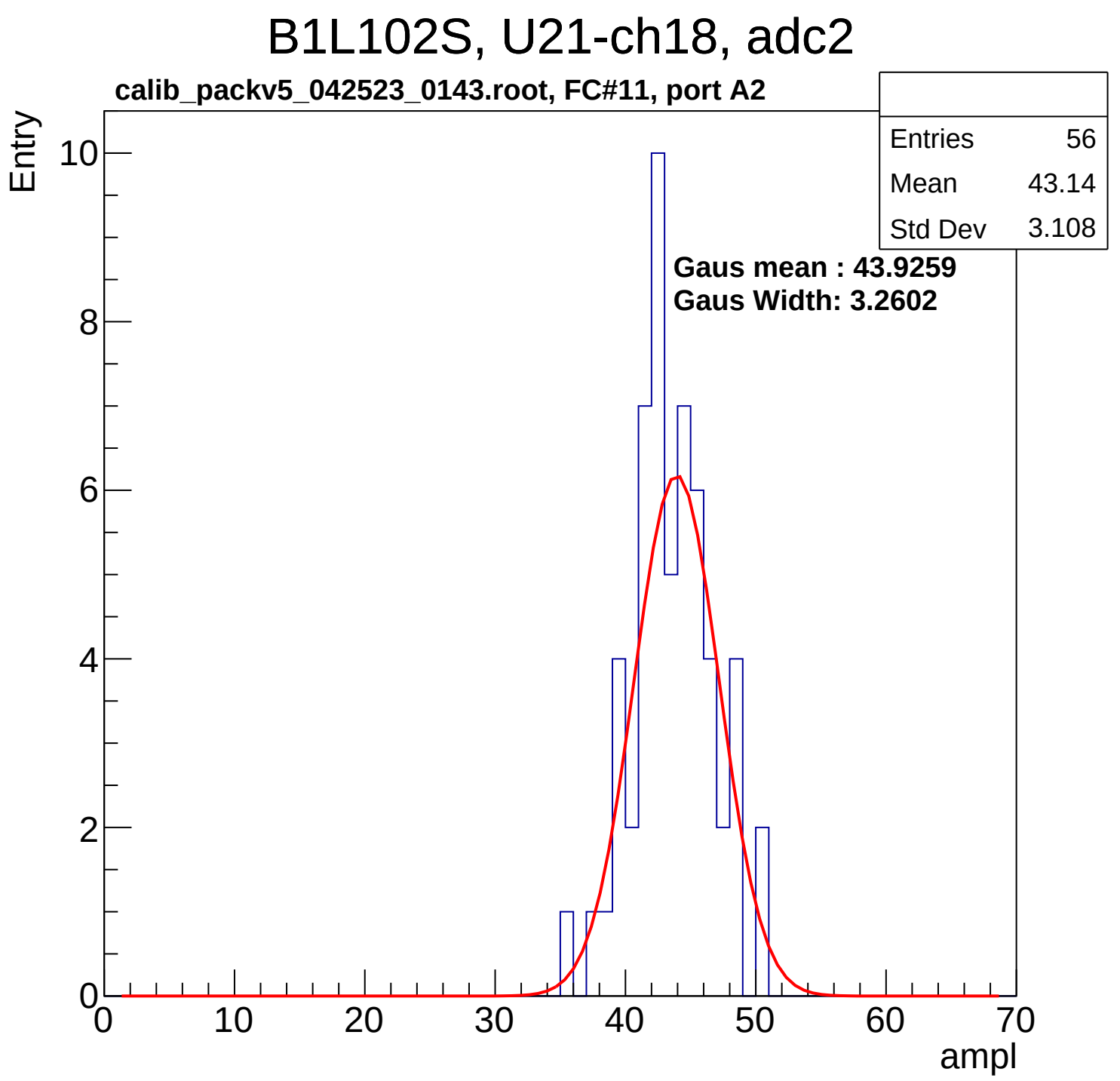
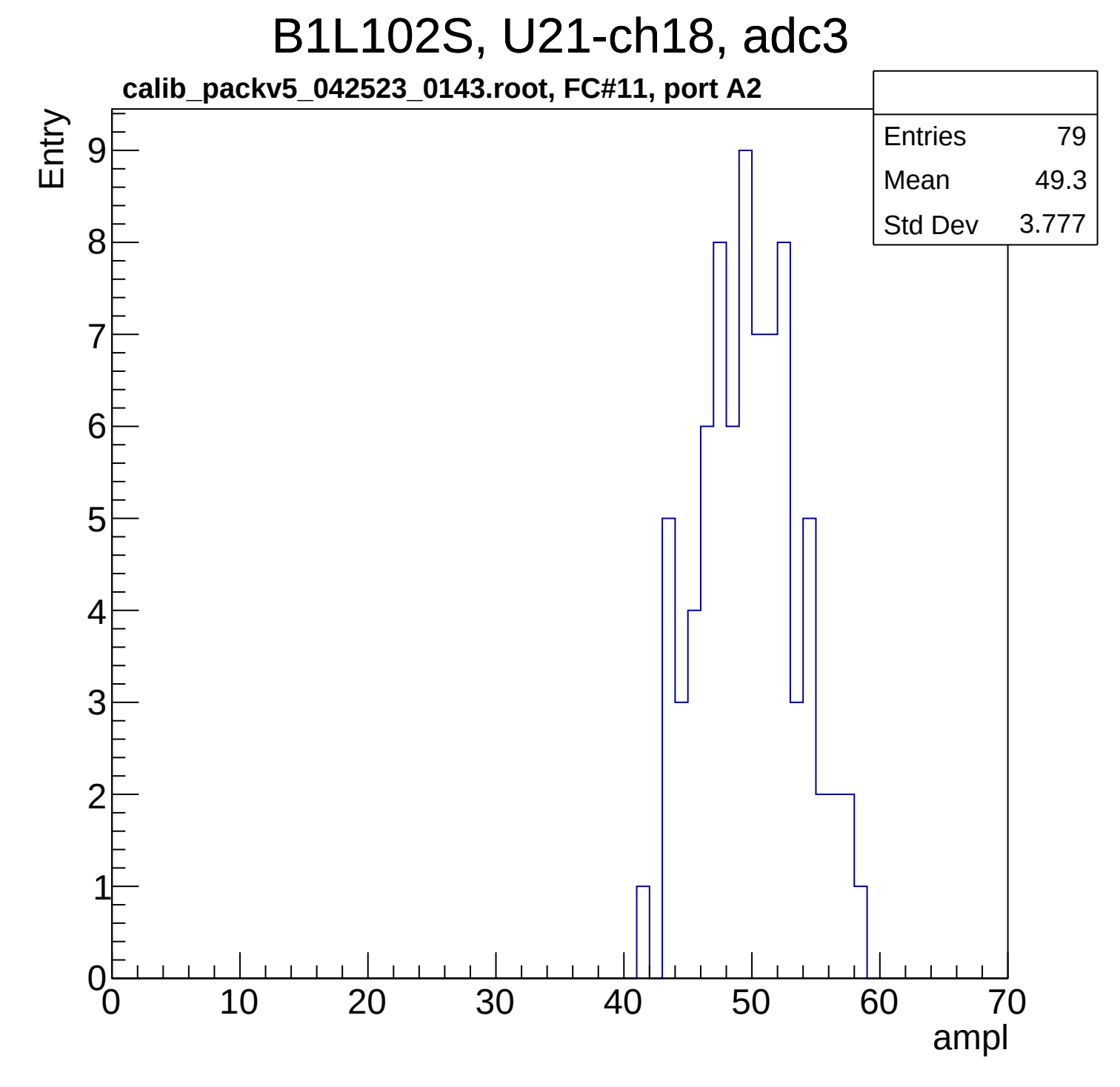

B1L102S, U21-ch18, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 29.43
Std Dev 3.395
Gaus mean : 29.7317
Gaus Width: 3.6251
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch18, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 36.21
Std Dev 2.713
Gaus mean : 36.8614
Gaus Width: 2.8829
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch18, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 43.14
Std Dev 3.108
Gaus mean : 43.9259
Gaus Width: 3.2602
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch18, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 49.3
Std Dev 3.777
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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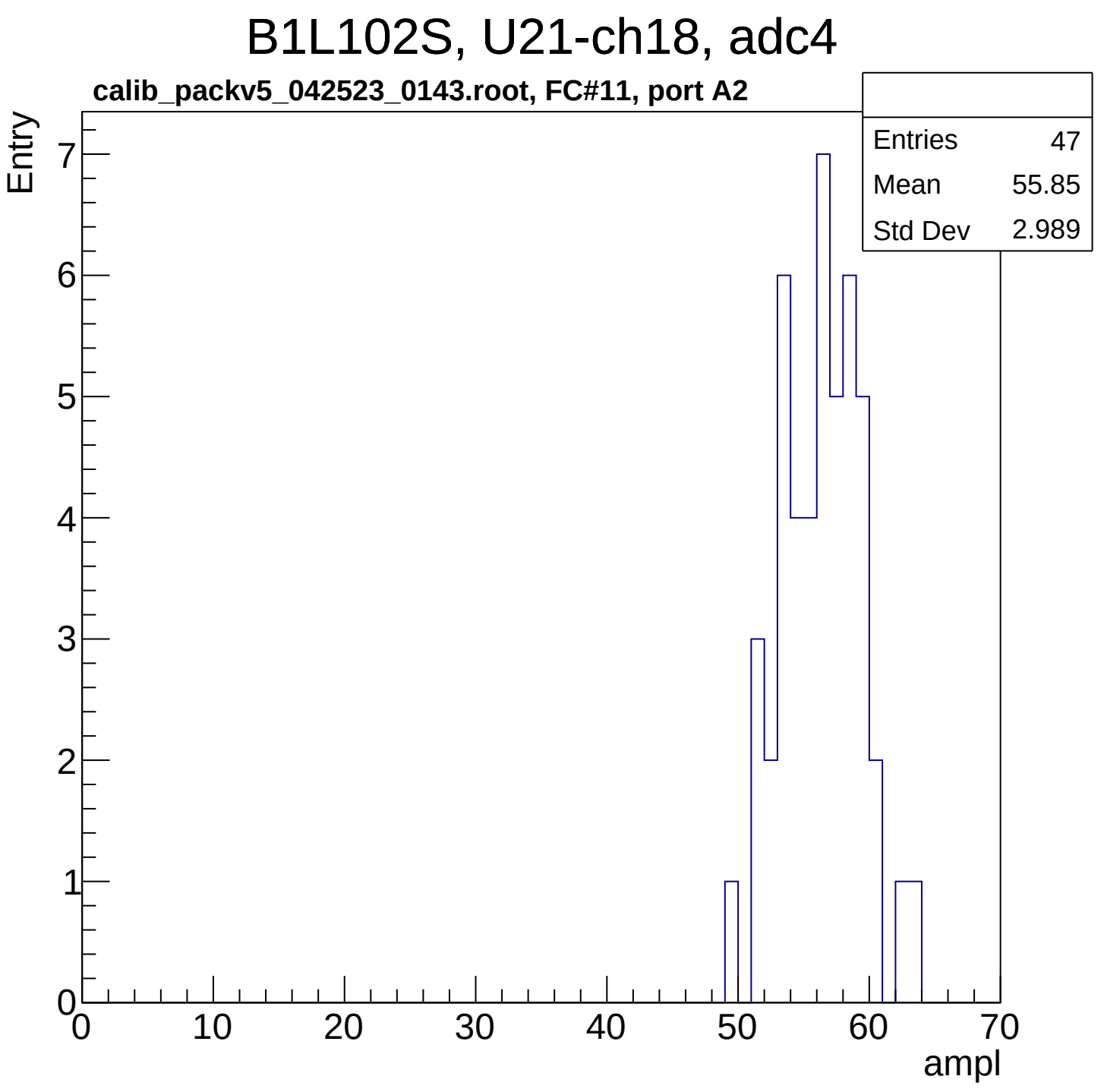
B1L102S, U21-ch18, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 47
Mean 55.85
Std Dev 2.989
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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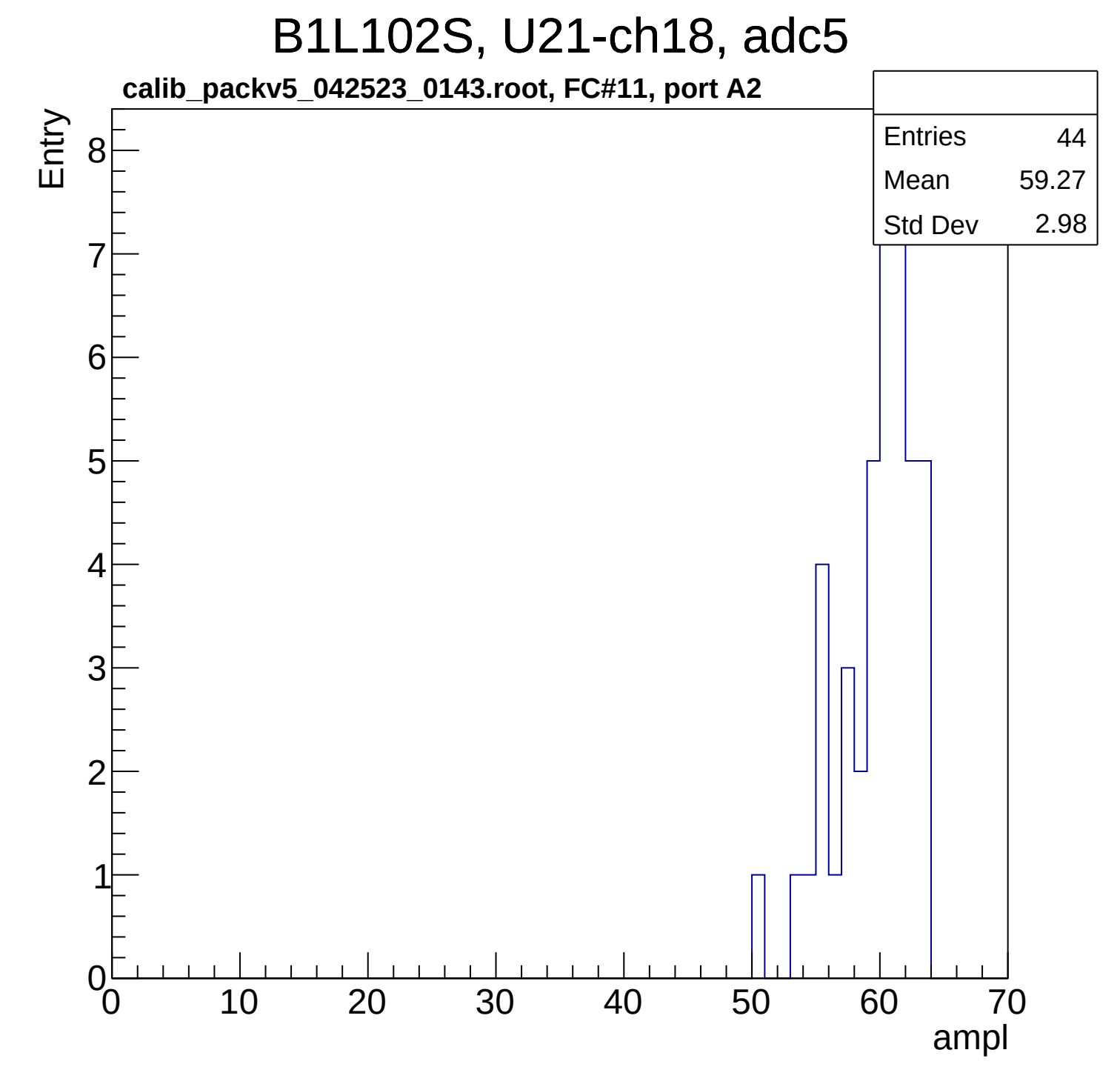
B1L102S, U21-ch18, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 44
Mean 59.27
Std Dev 2.98
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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20
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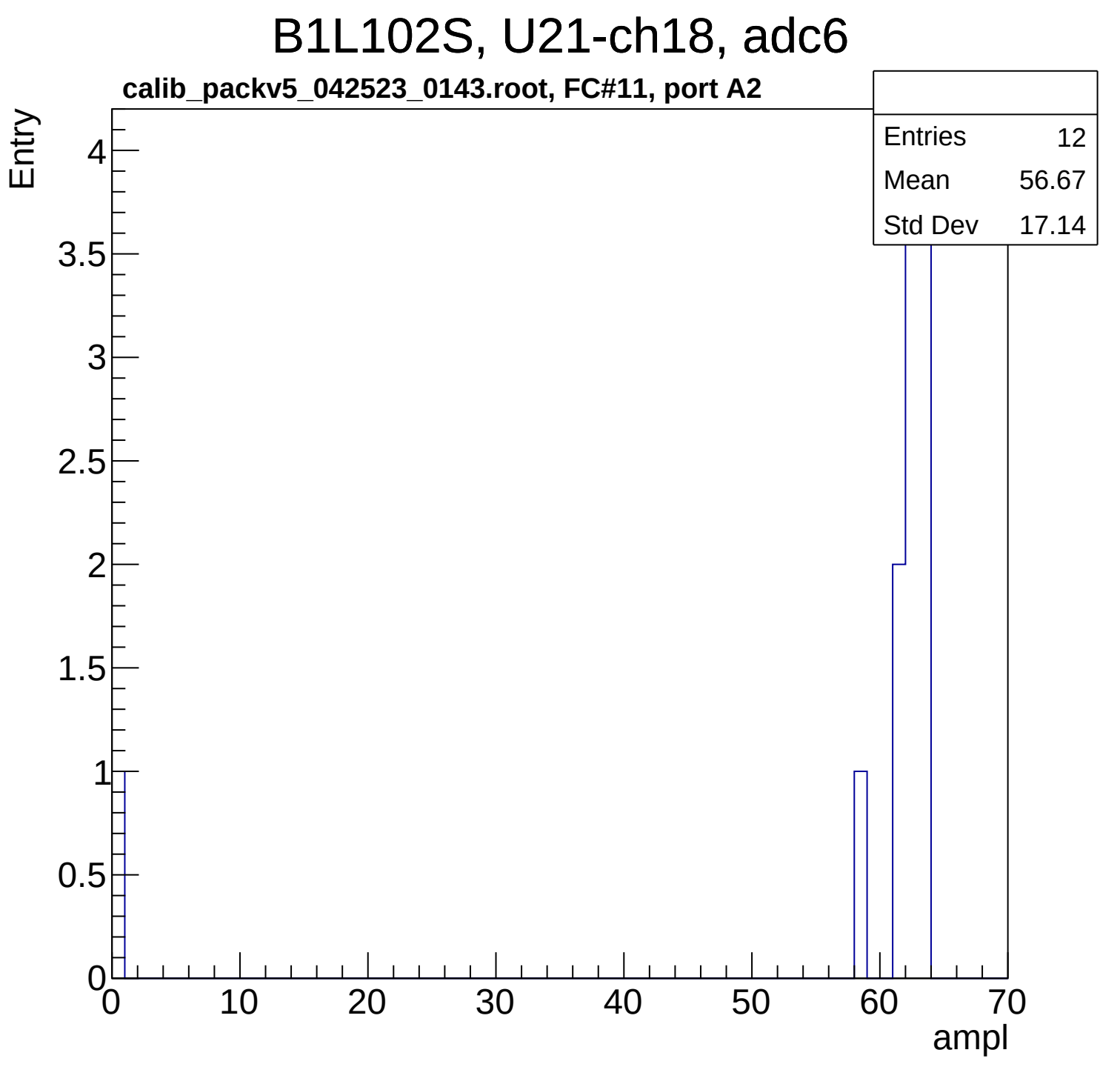
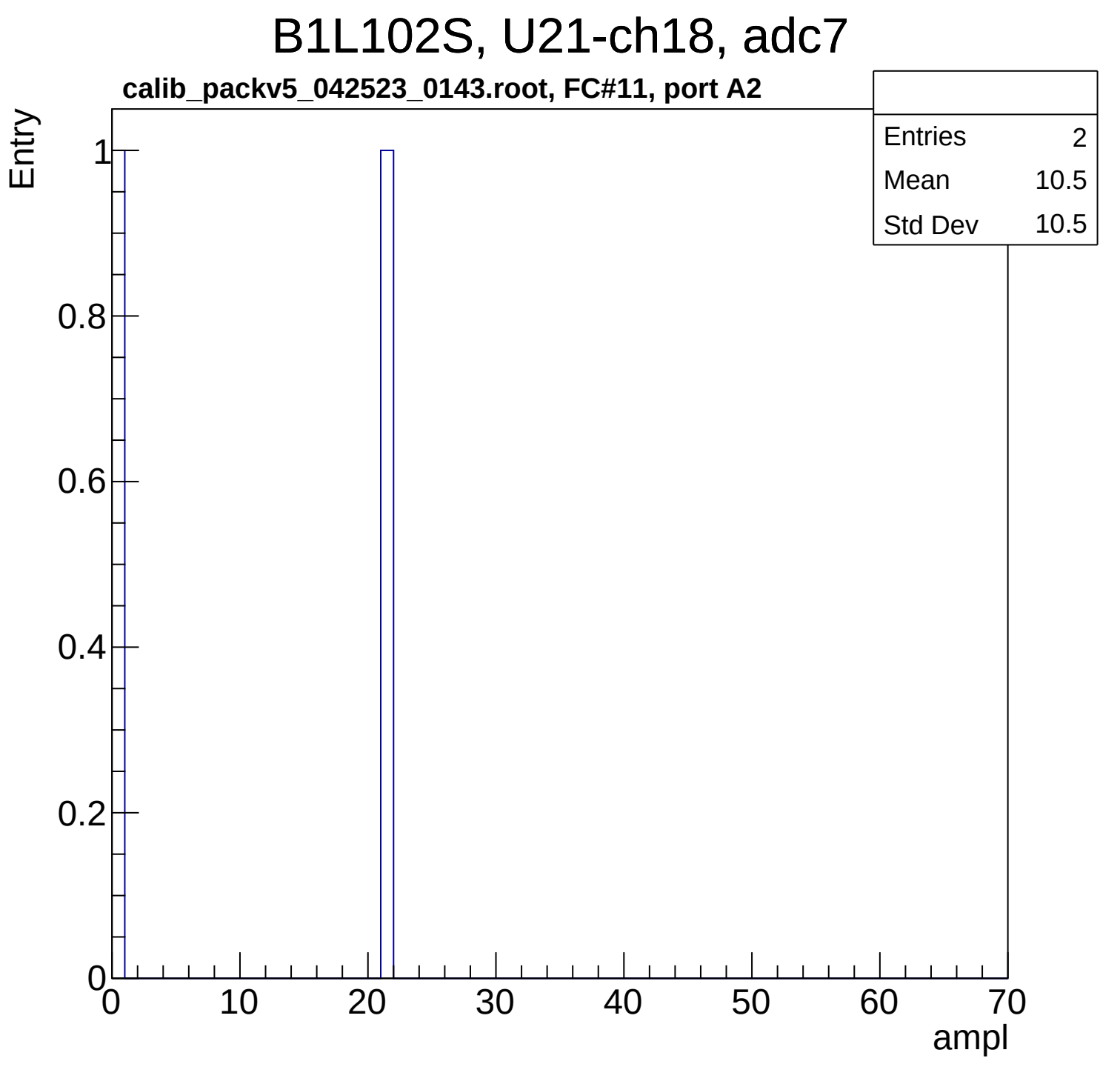
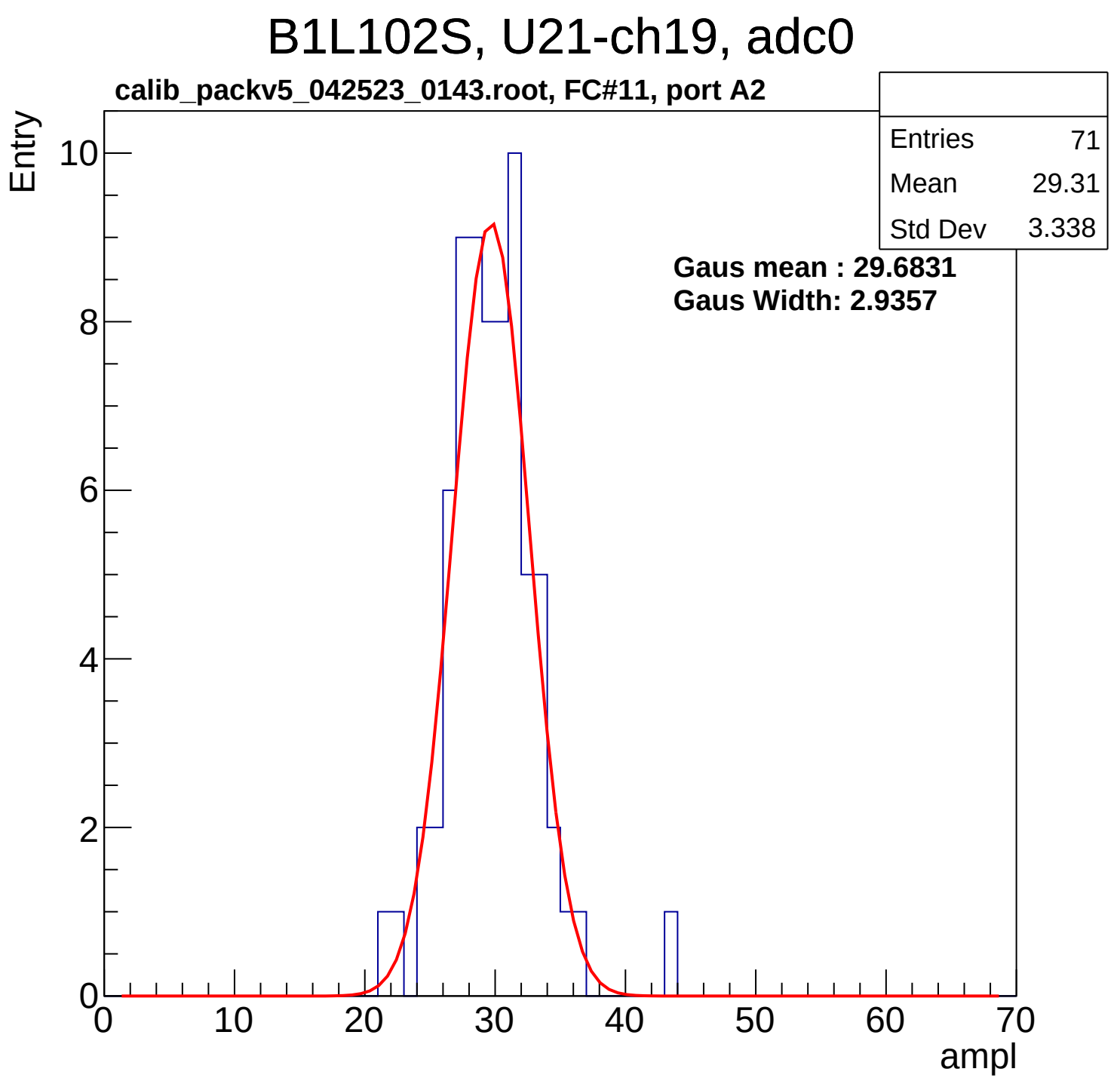
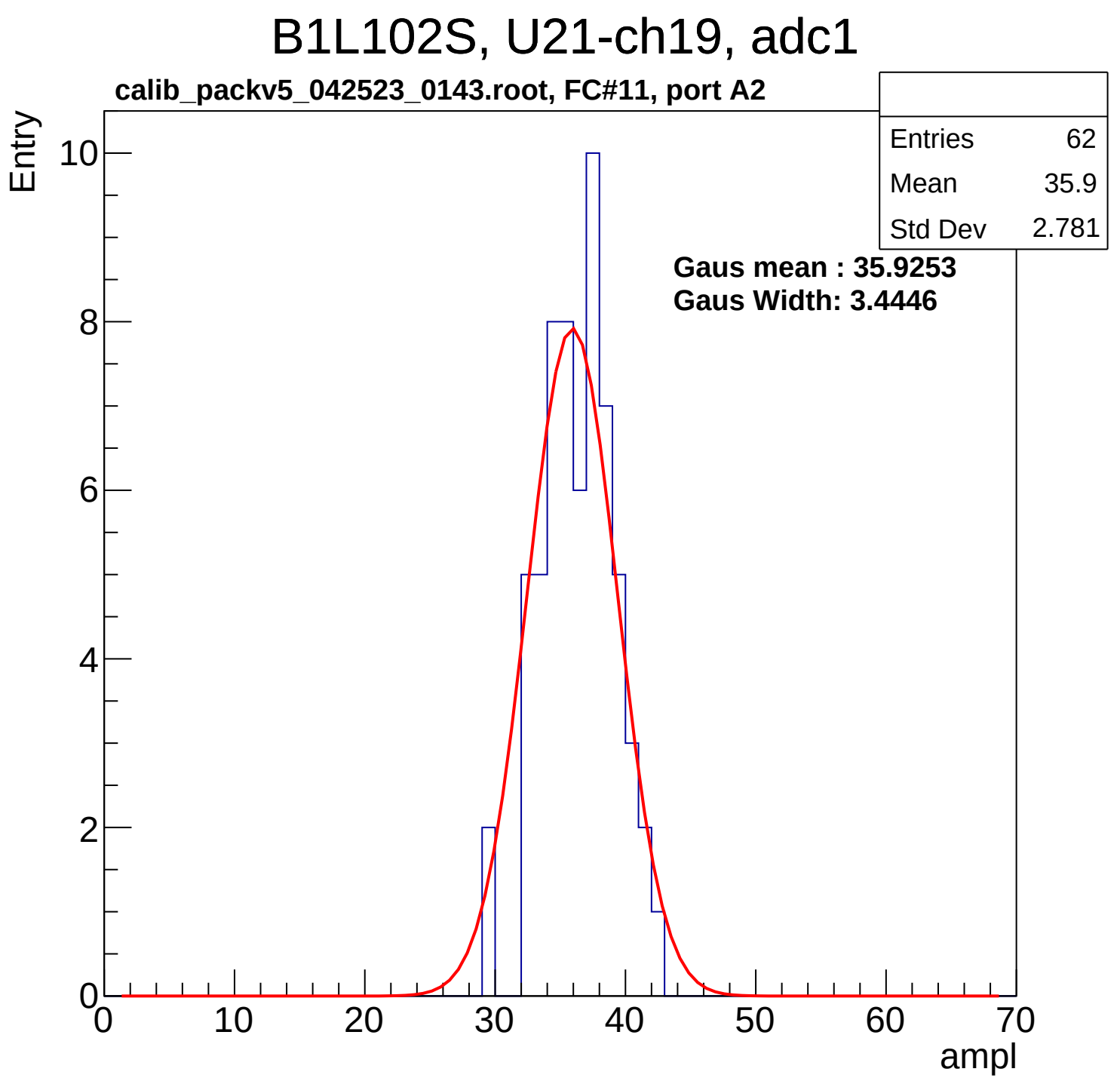
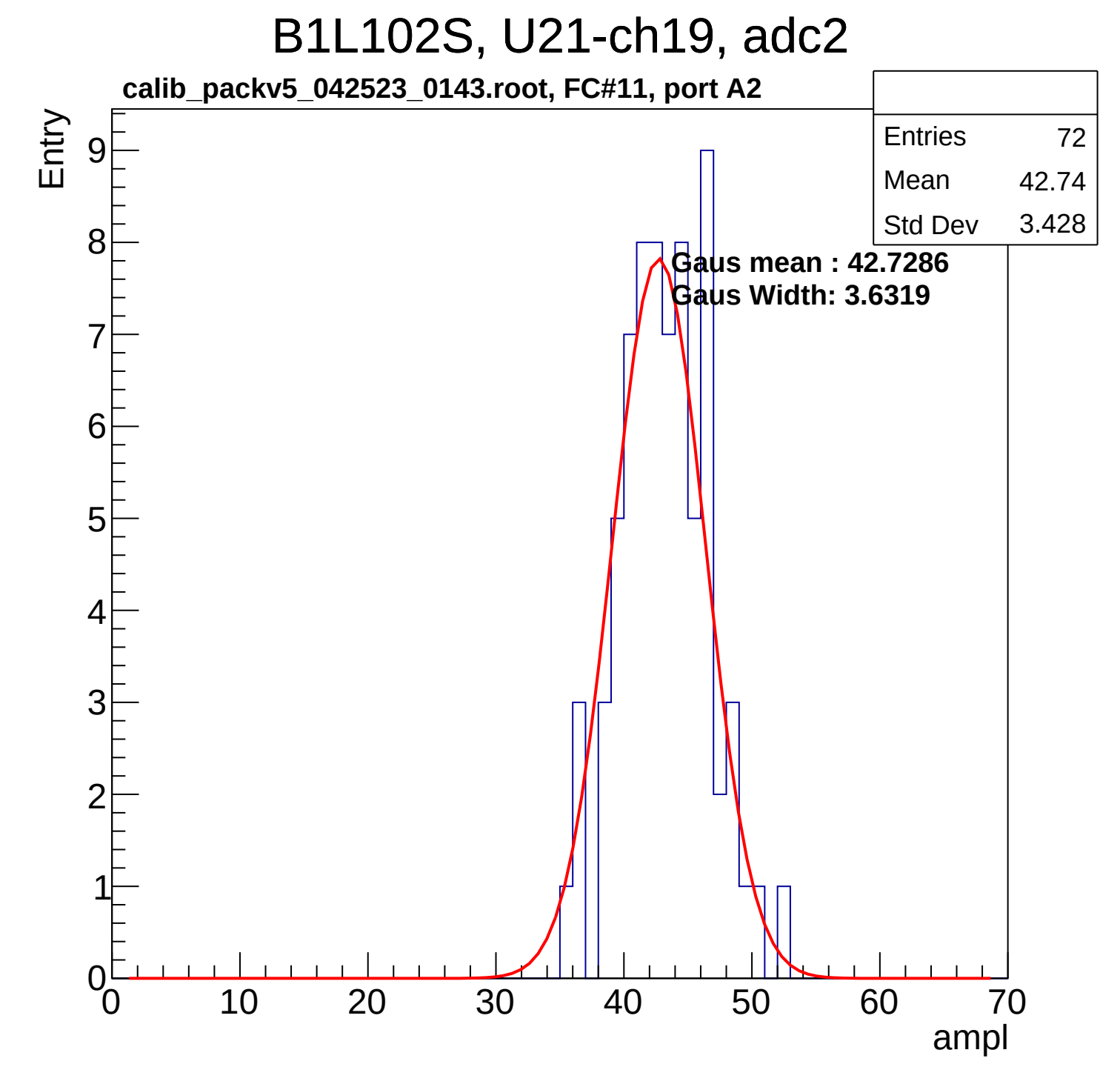
40
50
60
70


B1L102S, U21-ch18, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 12
Mean 56.67
Std Dev 17.14
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L102S, U21-ch18, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 10.5
Std Dev 10.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L102S, U21-ch19, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 29.31
Std Dev 3.338
Gaus mean : 29.6831
Gaus Width: 2.9357
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch19, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 35.9
Std Dev 2.781
Gaus mean : 35.9253
Gaus Width: 3.4446
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch19, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 42.74
Std Dev 3.428
Gaus mean : 42.7286
Gaus Width: 3.6319
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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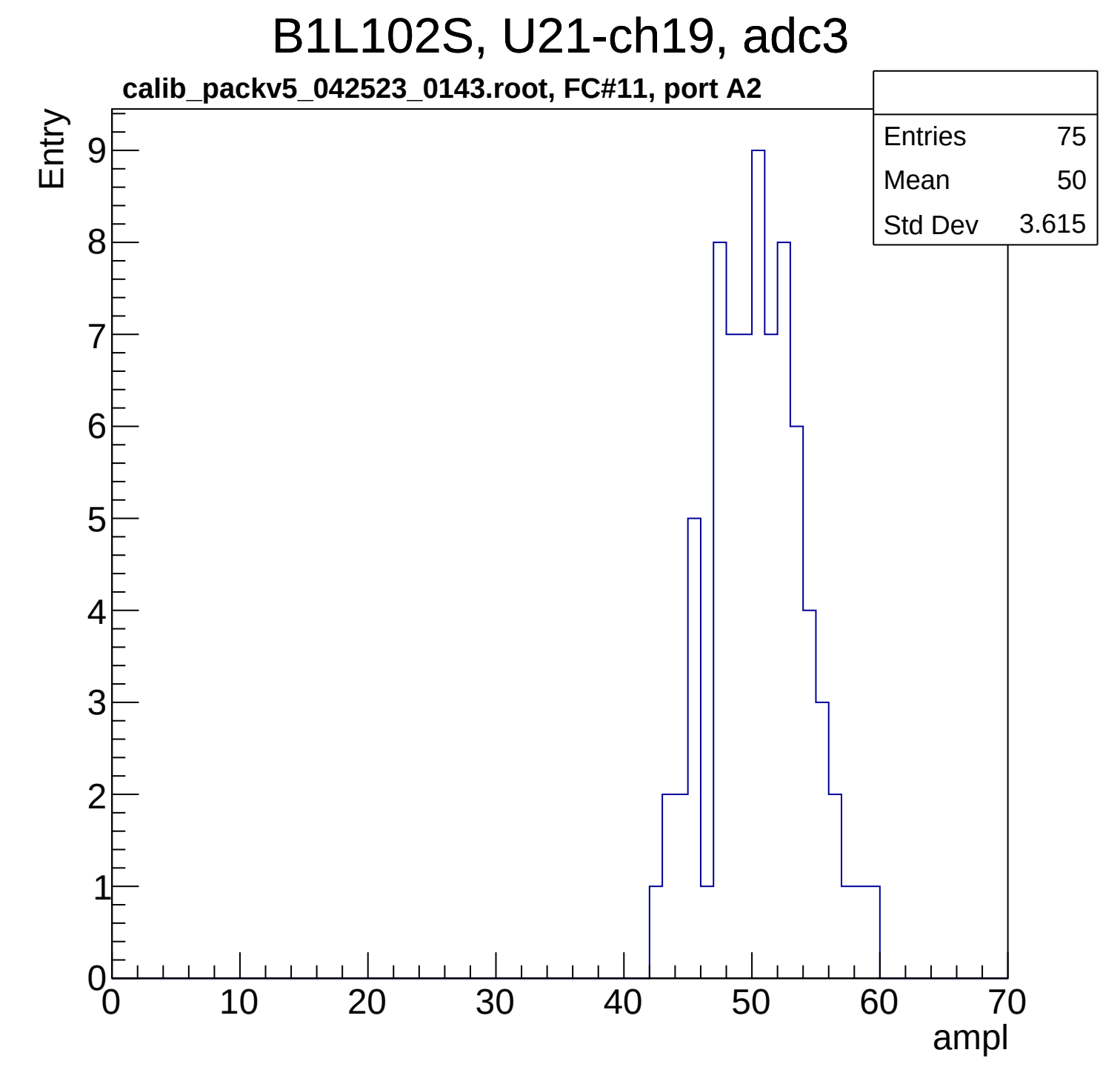
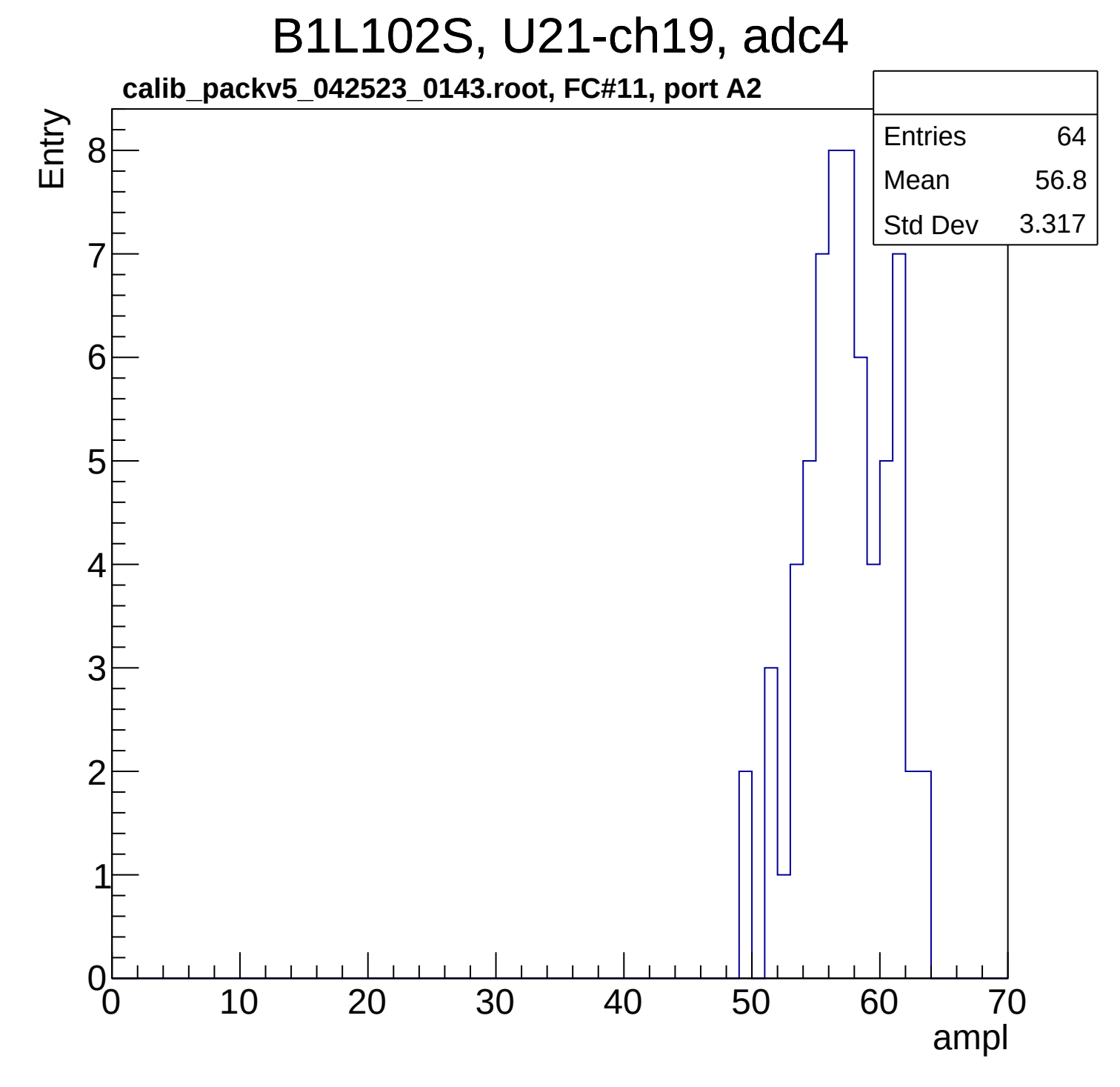
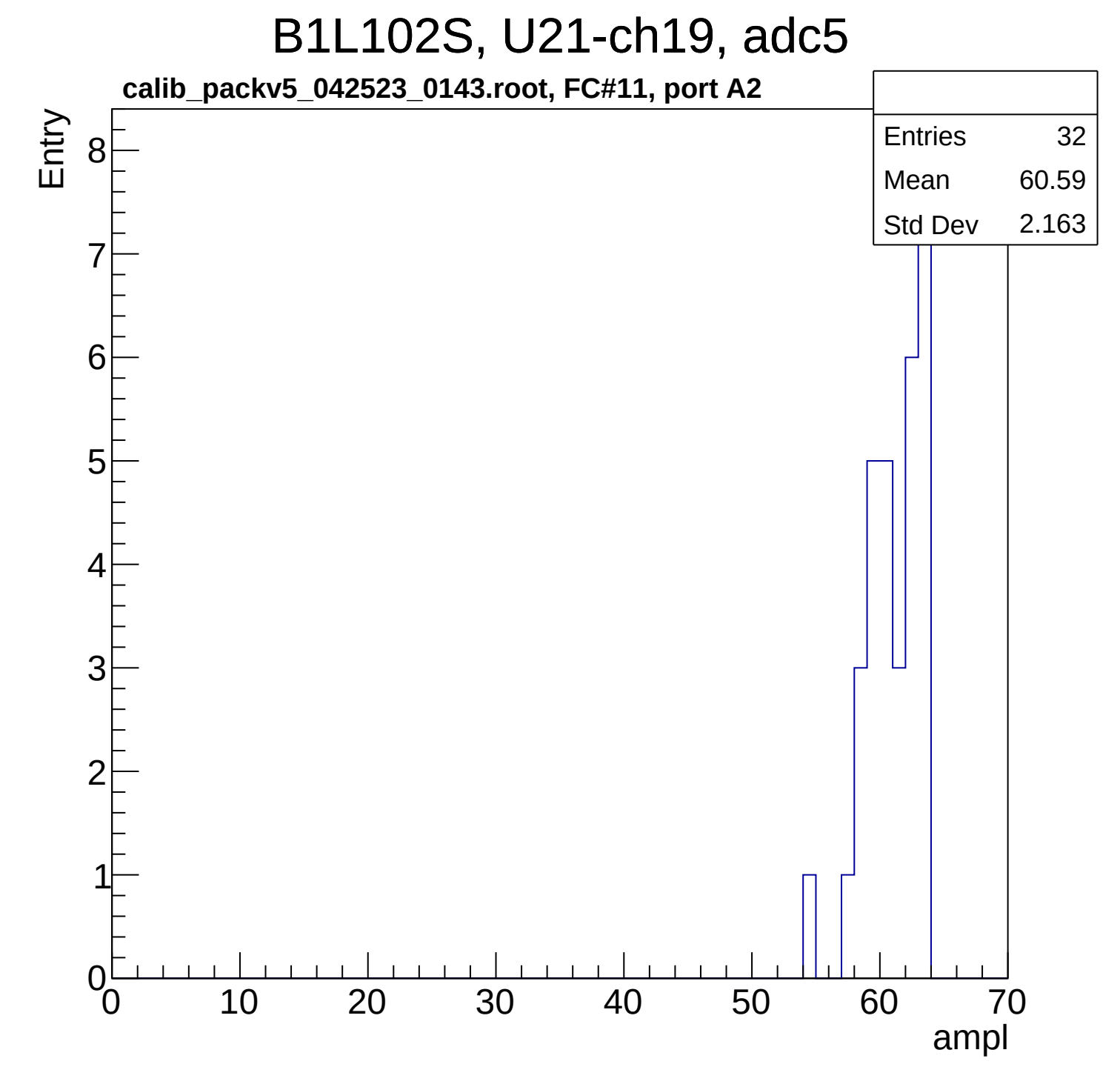
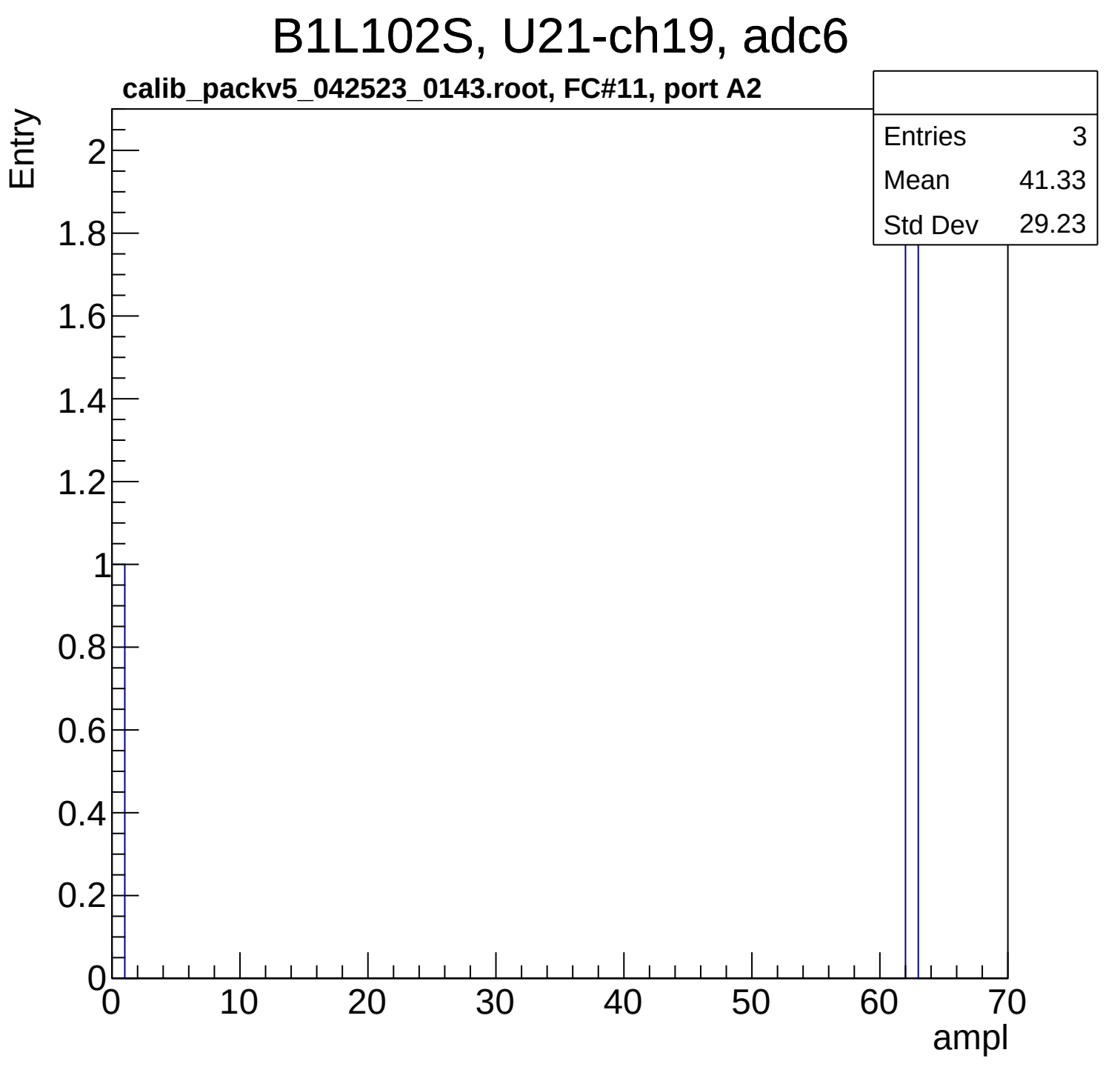

B1L102S, U21-ch19, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 50
Std Dev 3.615
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch19, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 56.8
Std Dev 3.317
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch19, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 32
Mean 60.59
Std Dev 2.163
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch19, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 41.33
Std Dev 29.23
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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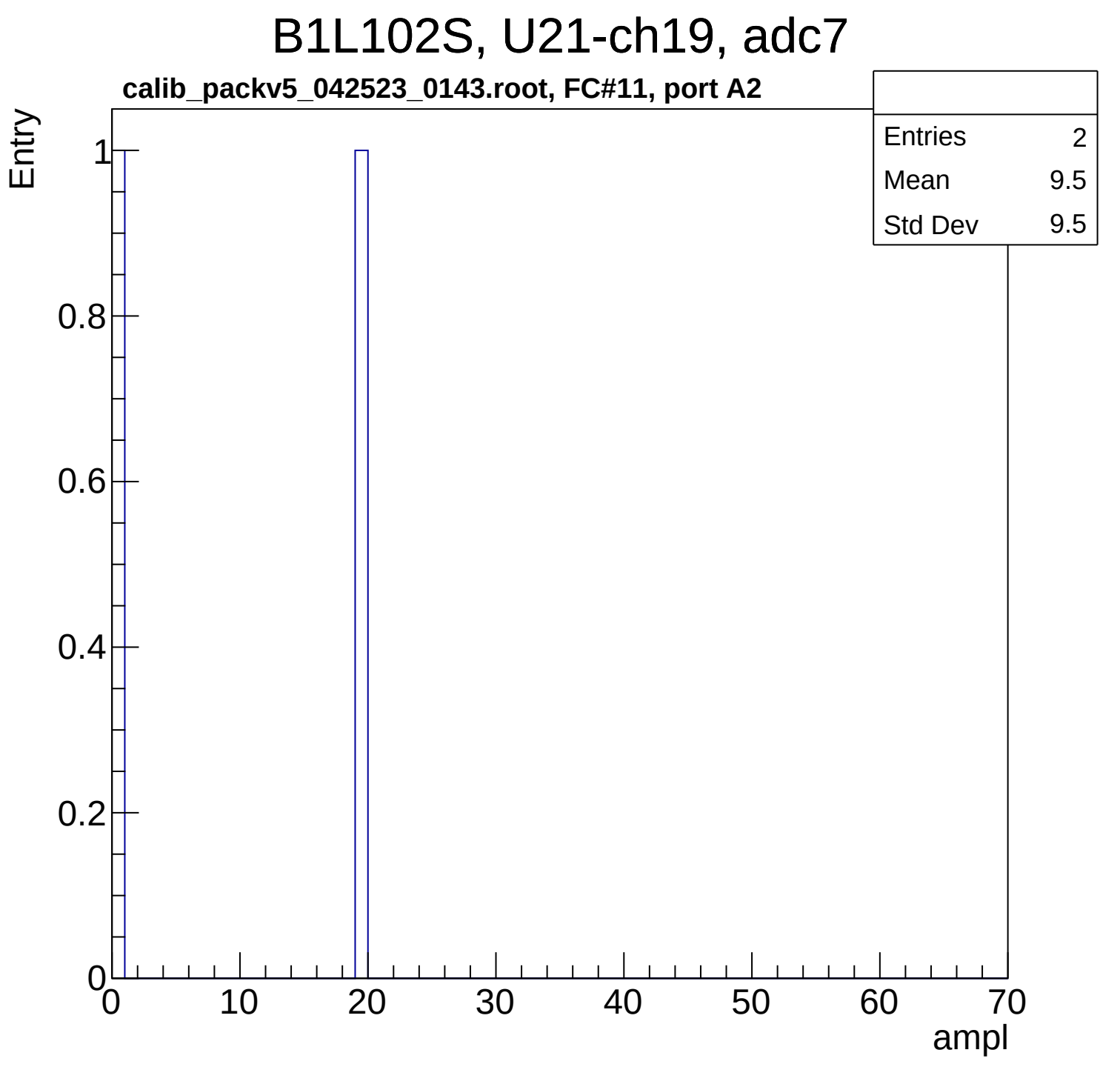
B1L102S, U21-ch19, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 9.5
Std Dev 9.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
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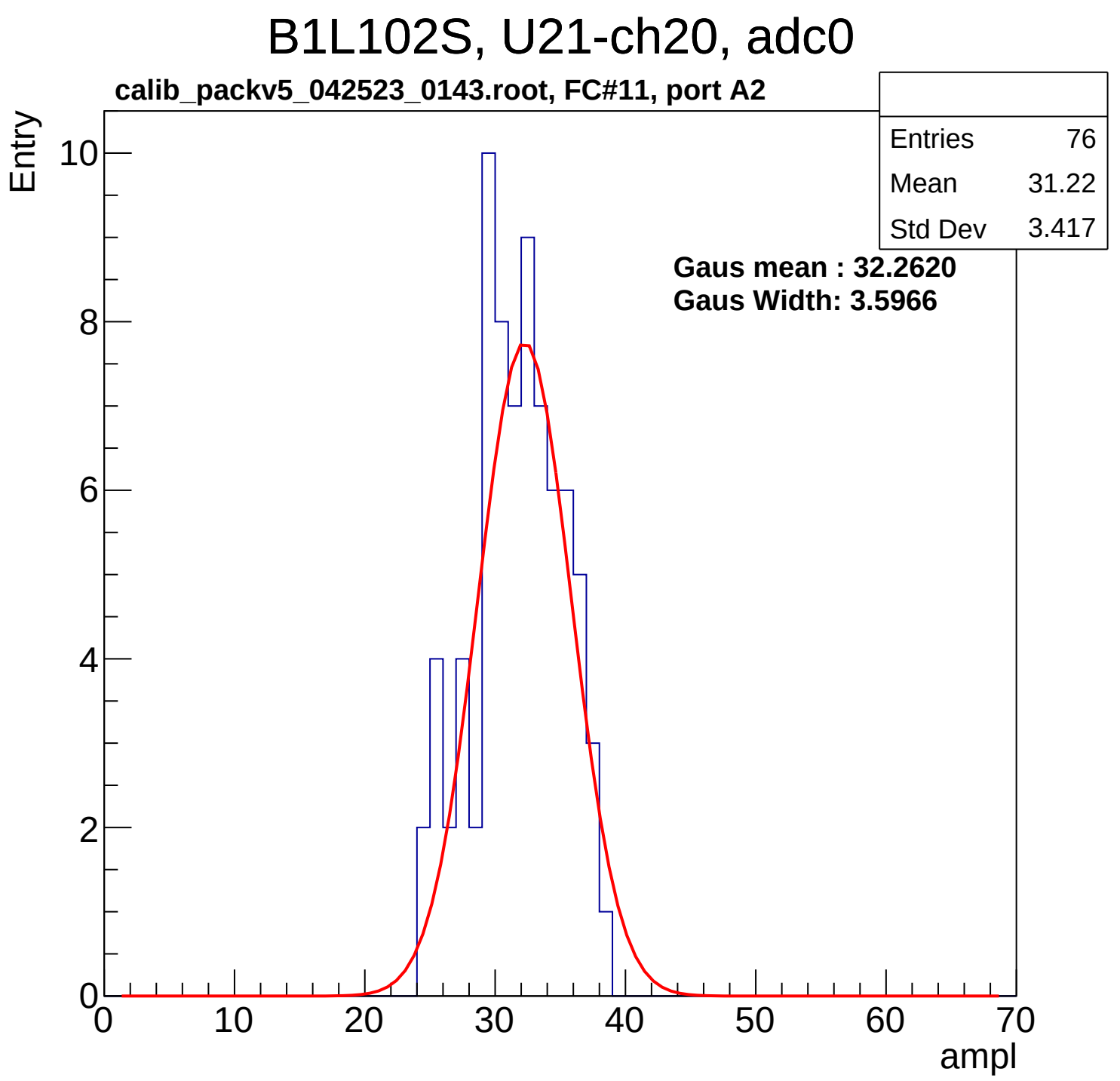
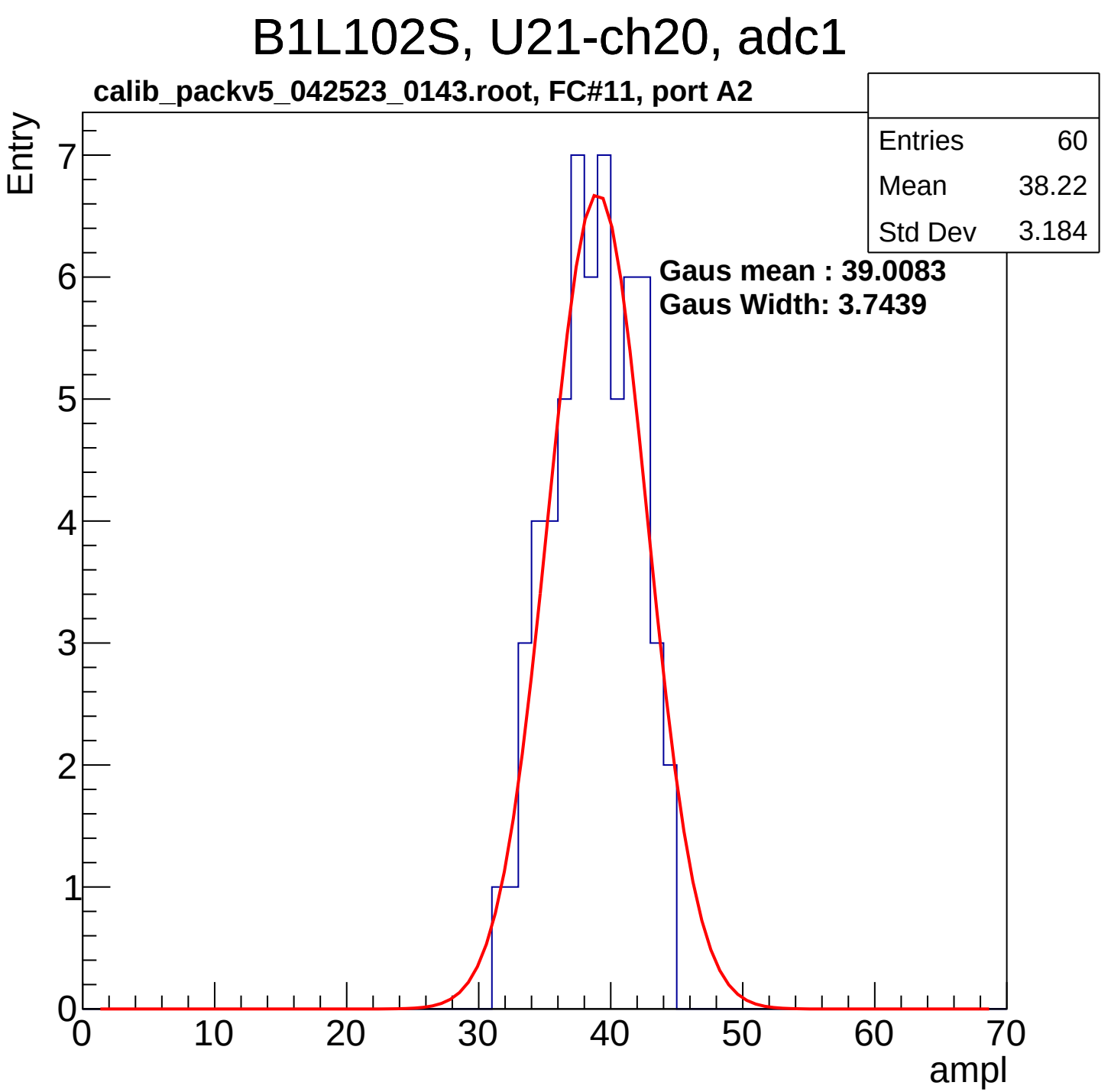
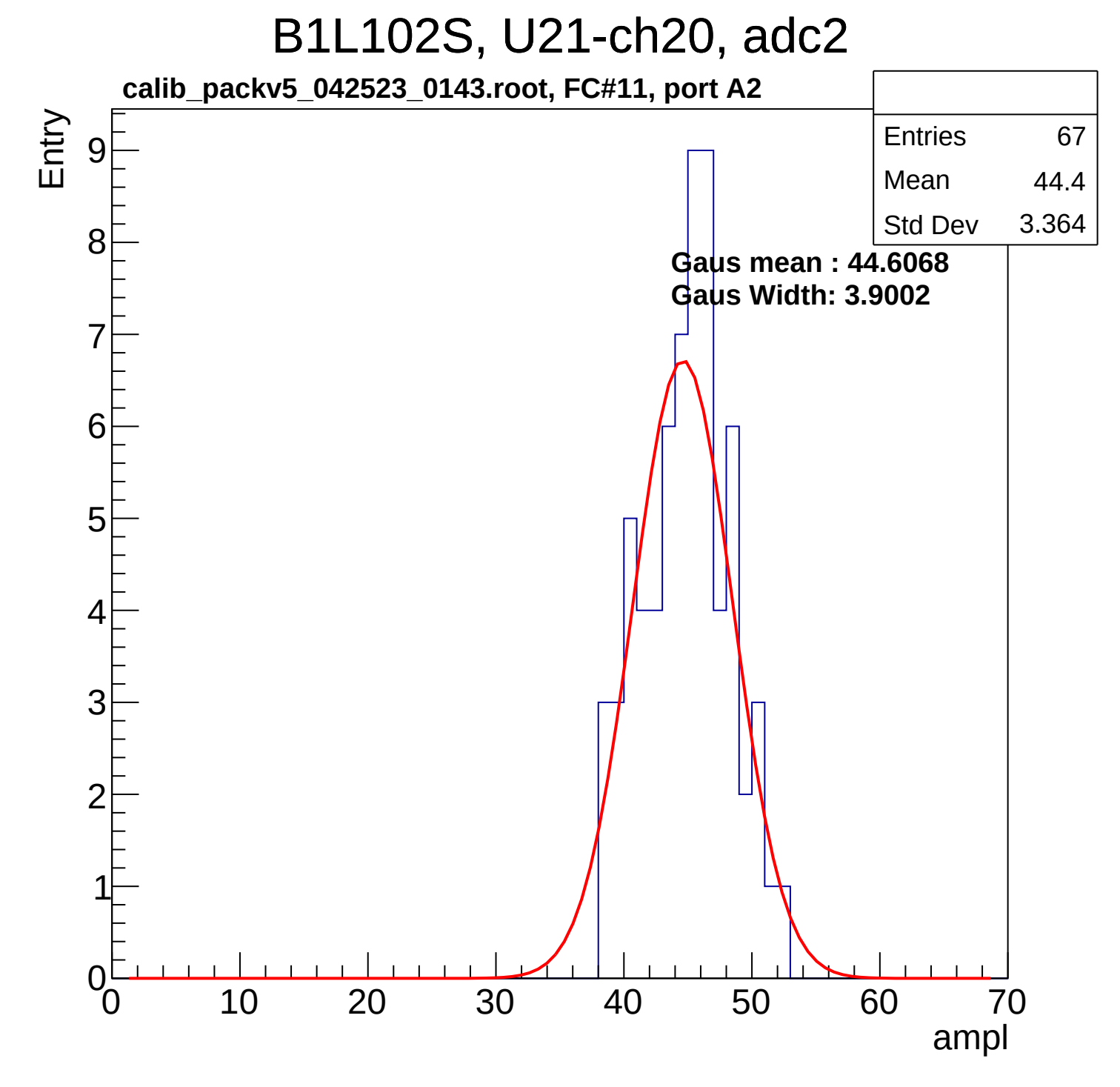
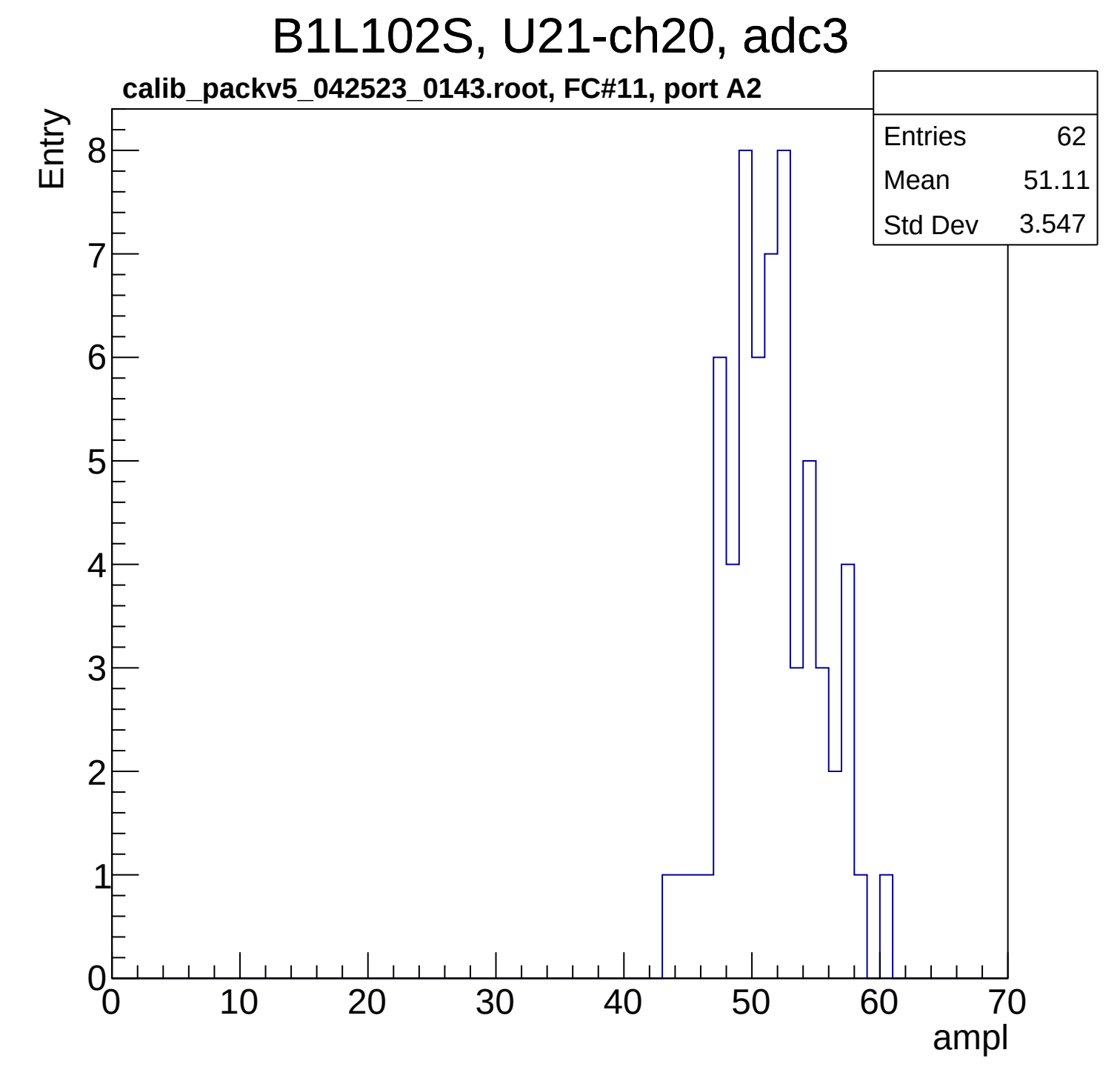
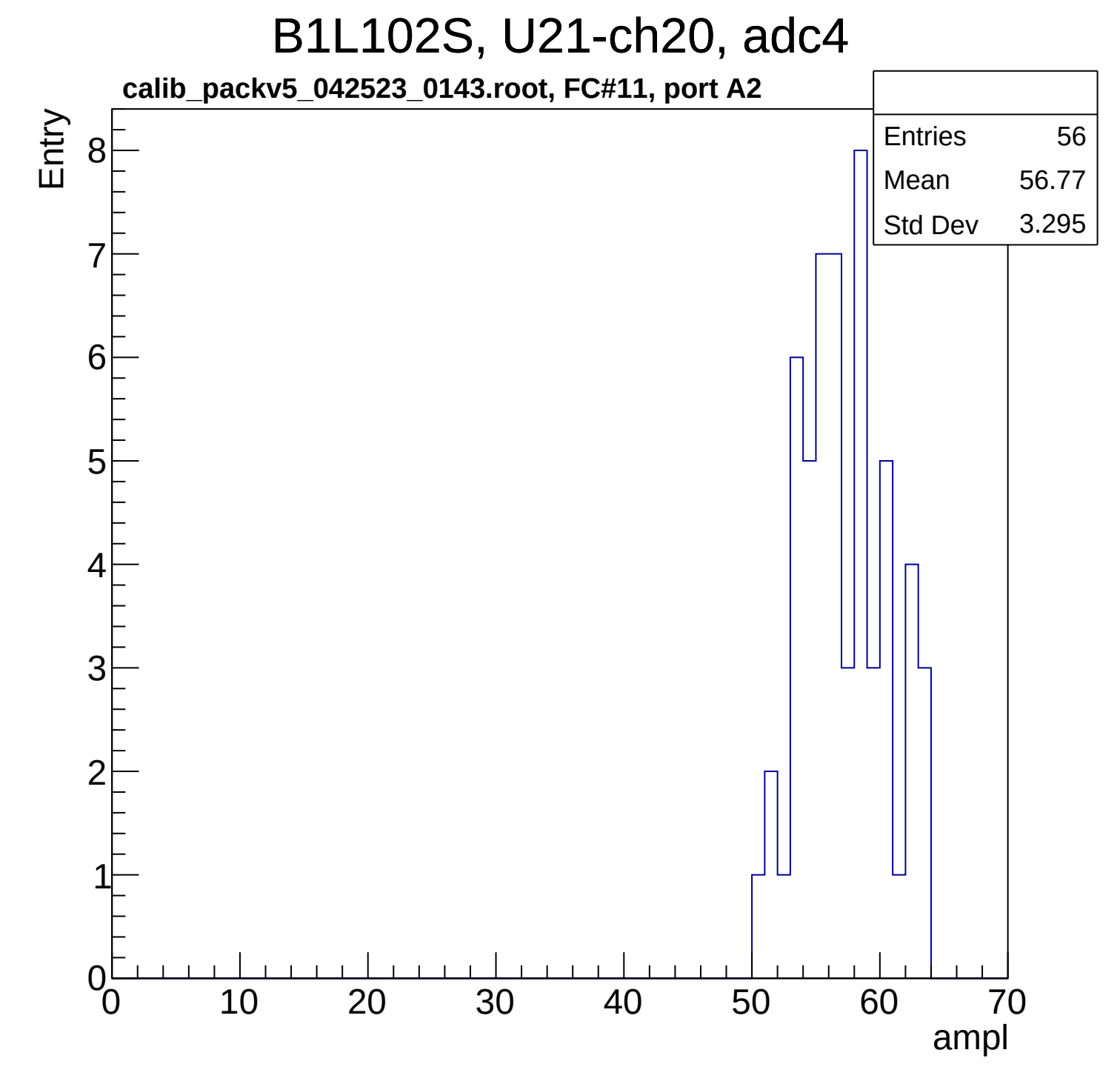

B1L102S, U21-ch20, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 76
Mean 31.22
Std Dev 3.417
Gaus mean : 32.2620
Gaus Width: 3.5966
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch20, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 38.22
Std Dev 3.184
Gaus mean : 39.0083
Gaus Width: 3.7439
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch20, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 44.4
Std Dev 3.364
Gaus mean : 44.6068
Gaus Width: 3.9002
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch20, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 51.11
Std Dev 3.547
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch20, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 56.77
Std Dev 3.295
Entry
ampl
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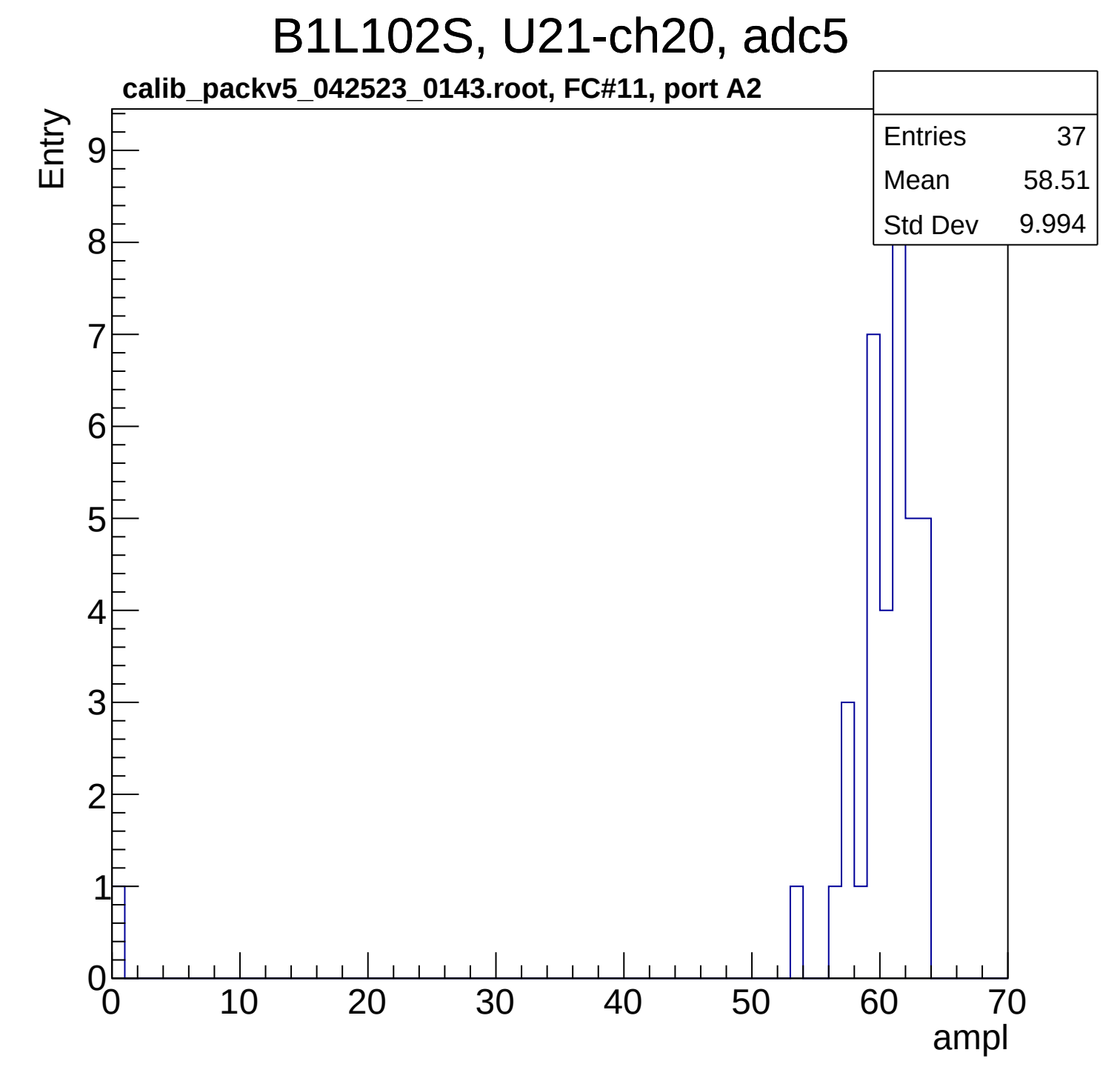
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch20, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 37
Mean 58.51
Std Dev 9.994
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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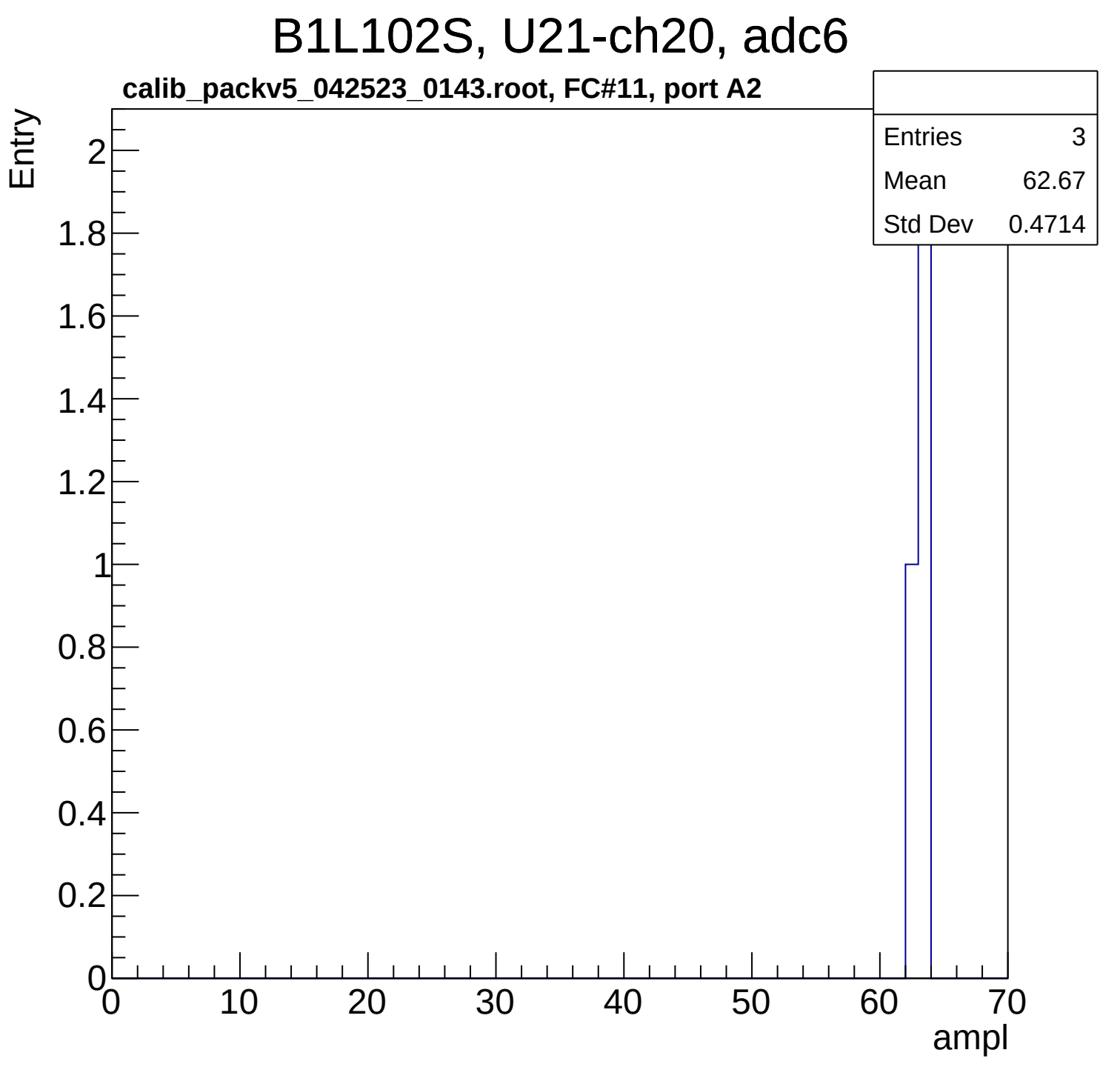
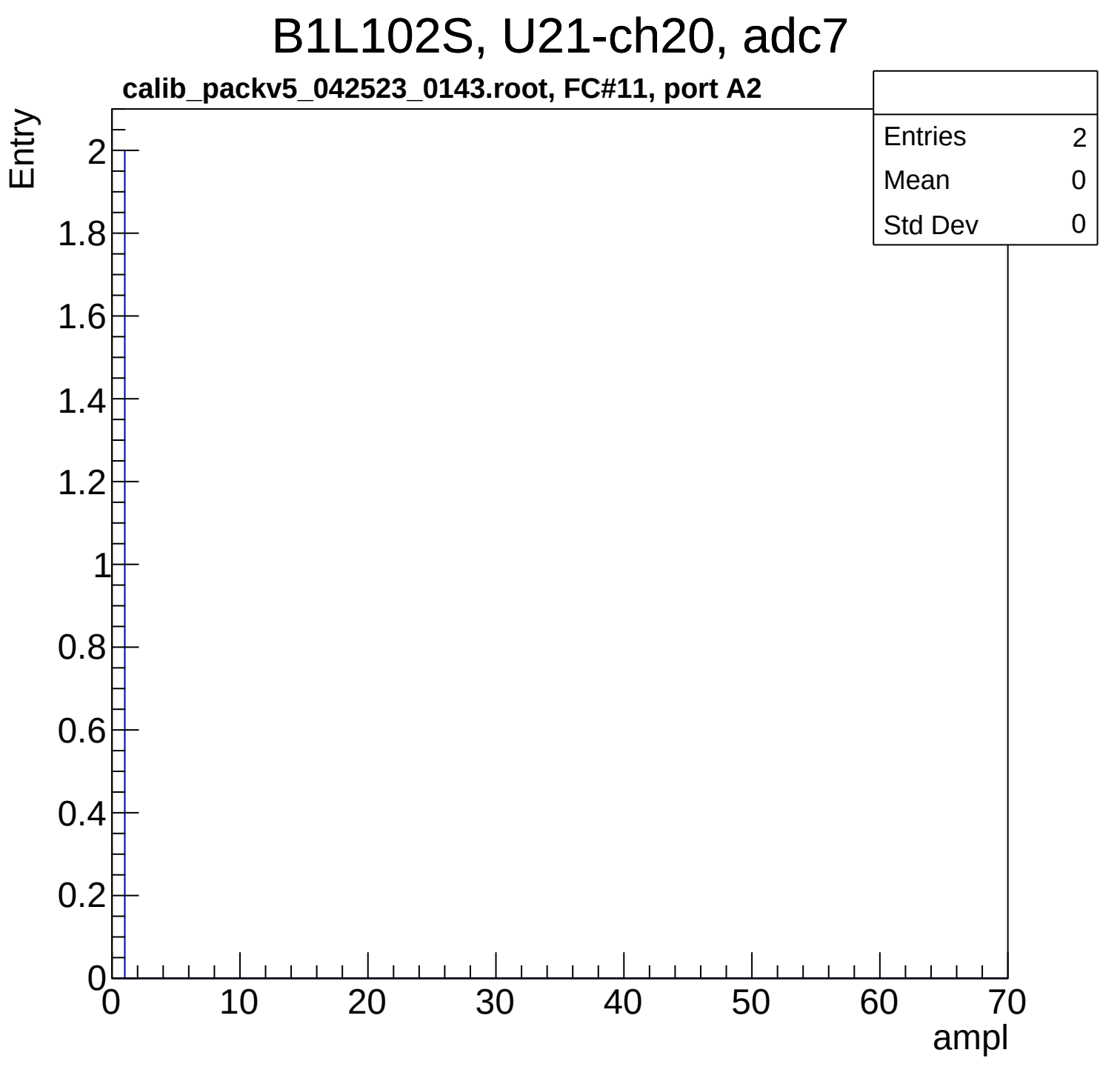

B1L102S, U21-ch20, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 62.67
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L102S, U21-ch20, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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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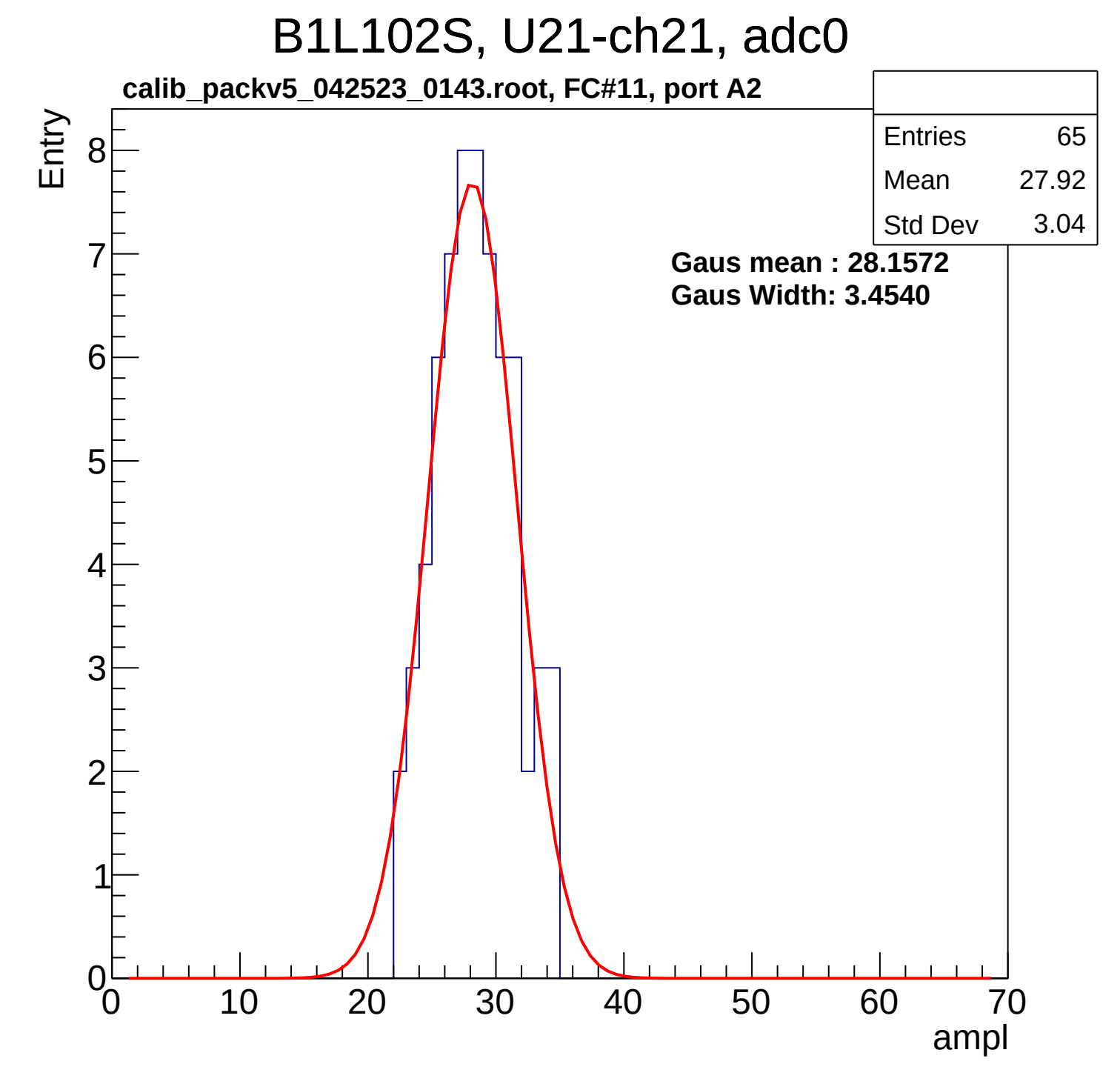
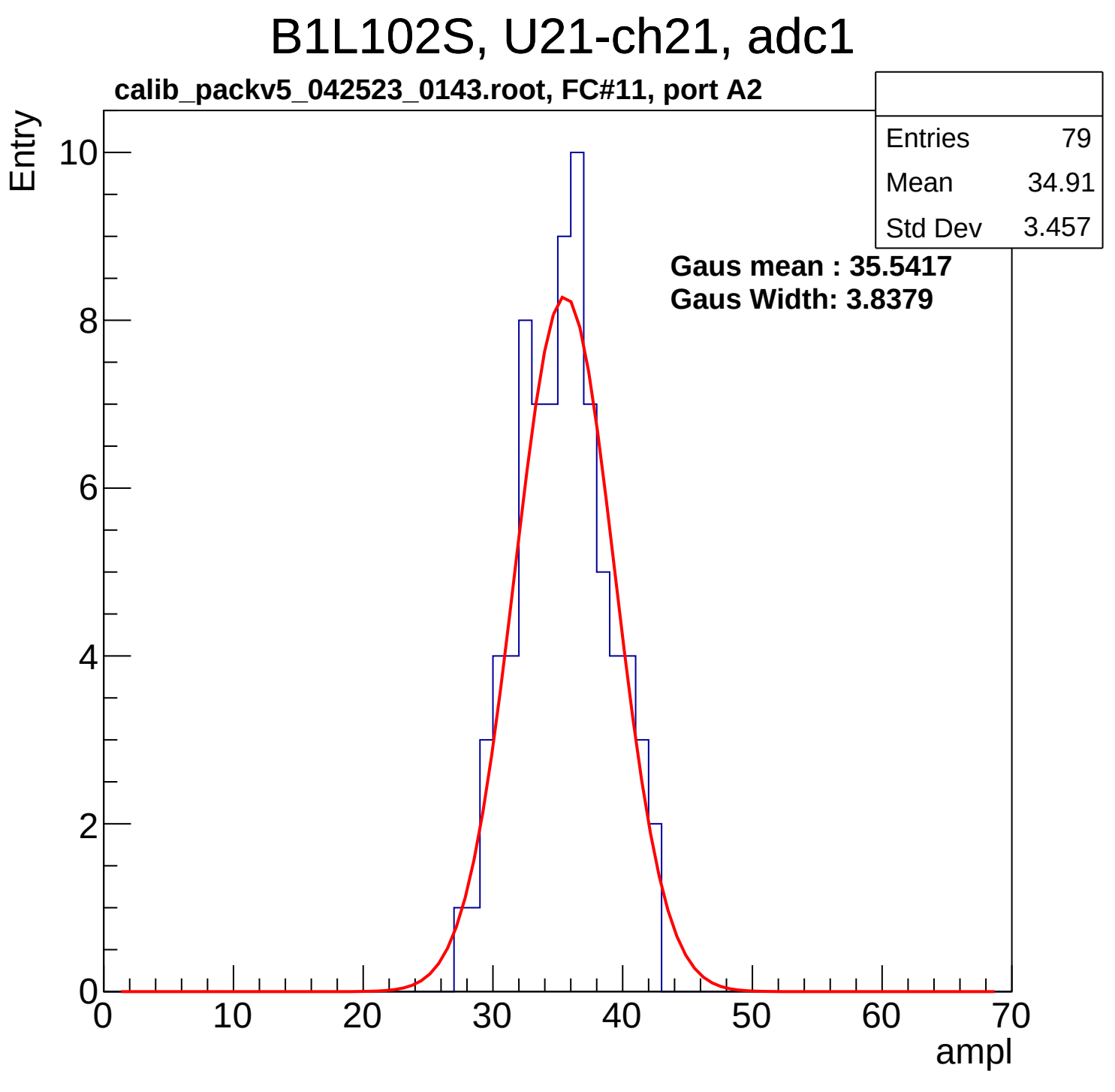
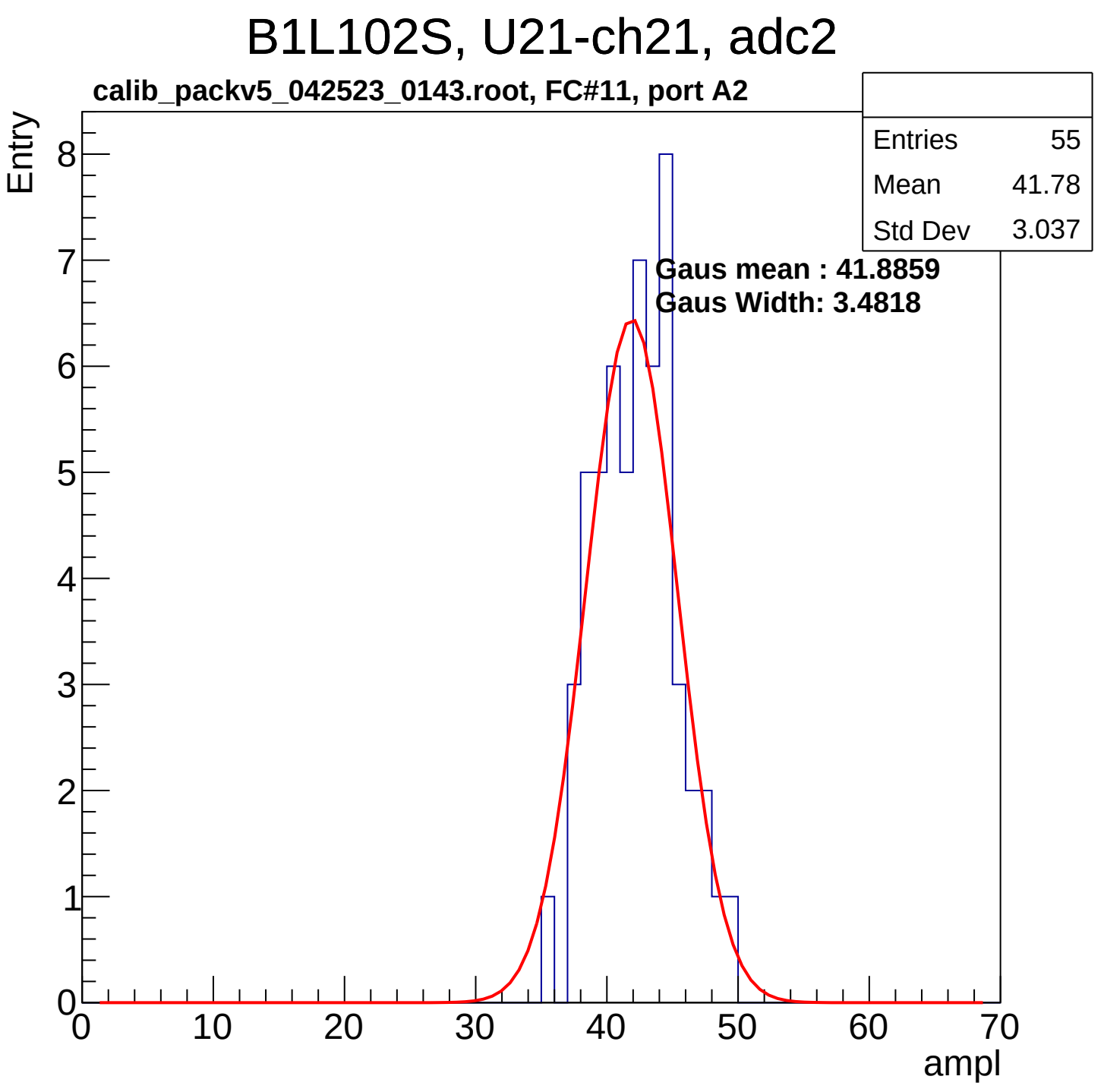

B1L102S, U21-ch21, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 27.92
Std Dev 3.04
Gaus mean : 28.1572
Gaus Width: 3.4540
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch21, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 34.91
Std Dev 3.457
Gaus mean : 35.5417
Gaus Width: 3.8379
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch21, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 41.78
Std Dev 3.037
Gaus mean : 41.8859
Gaus Width: 3.4818
Entry
ampl
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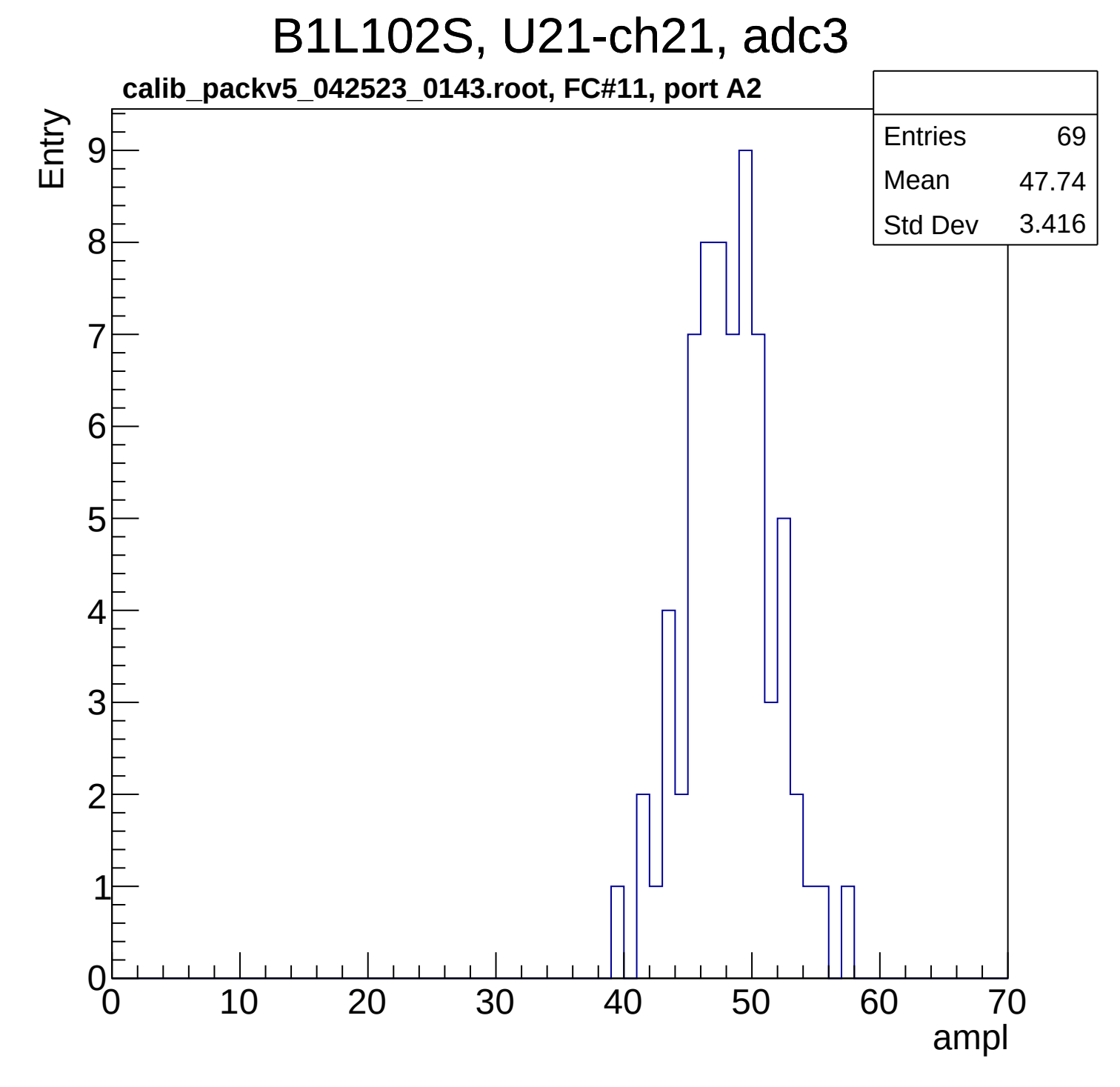
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch21, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 47.74
Std Dev 3.416
Entry
ampl
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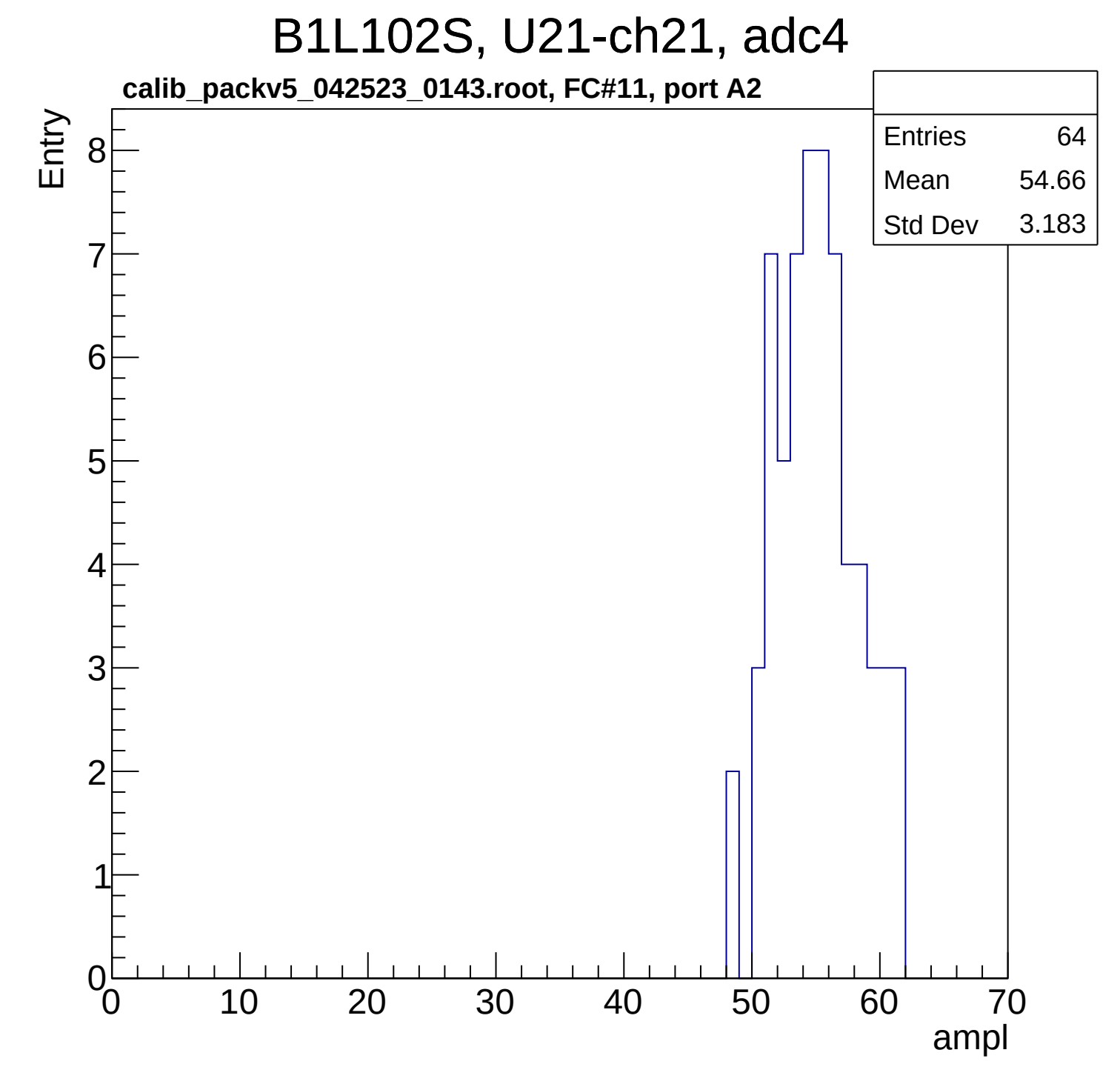
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch21, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 54.66
Std Dev 3.183
Entry
ampl
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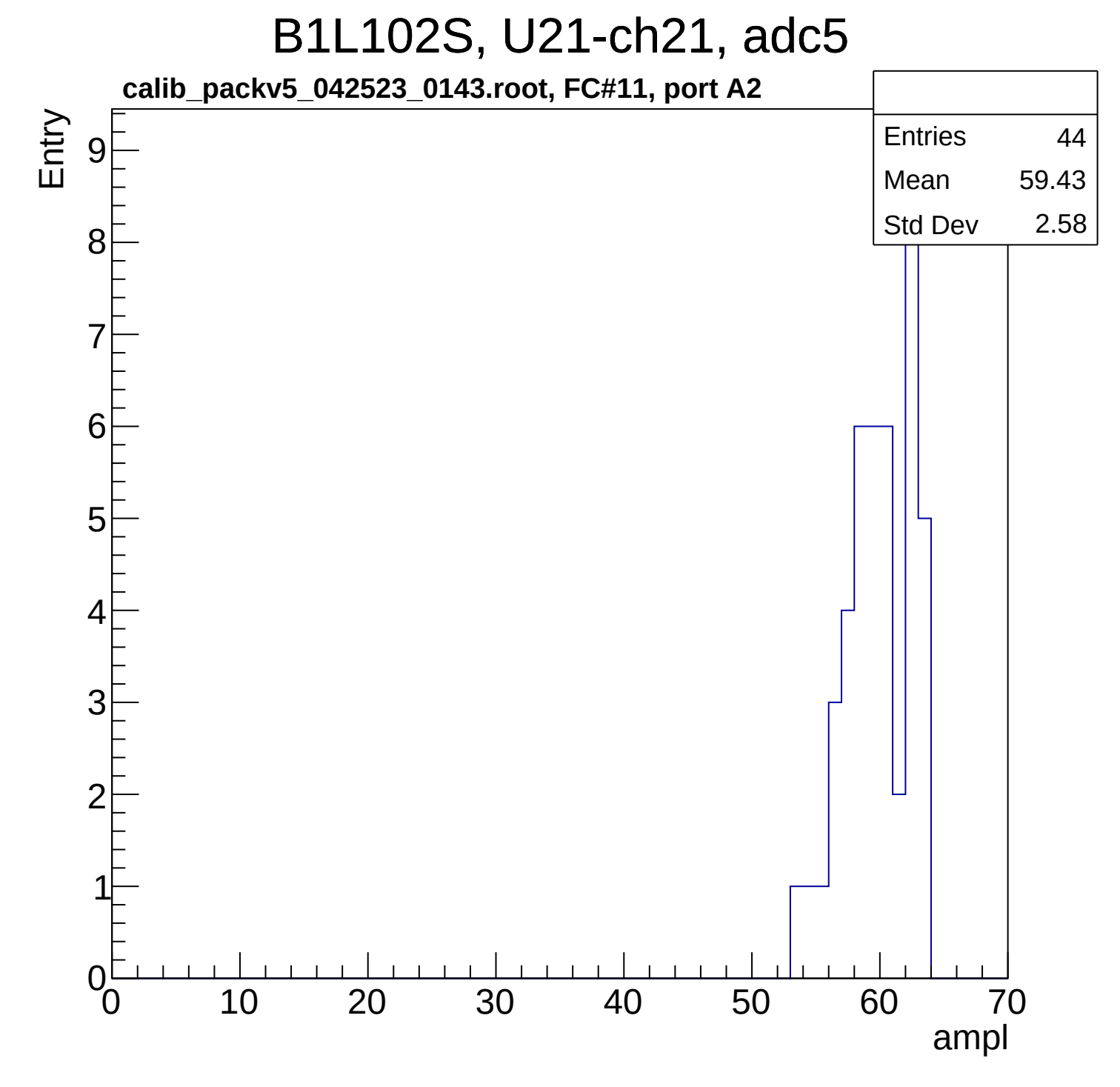
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch21, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 44
Mean 59.43
Std Dev 2.58
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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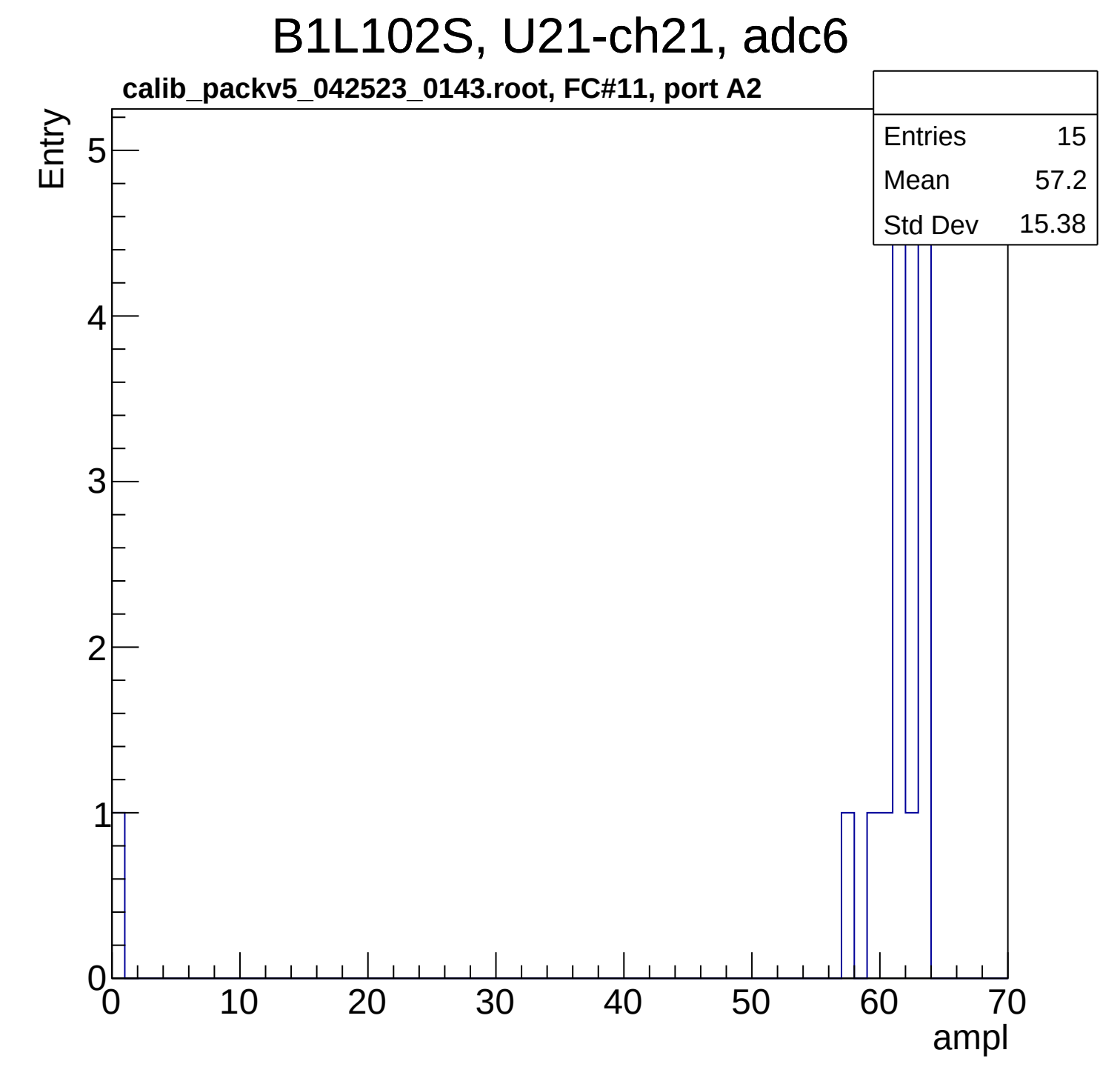
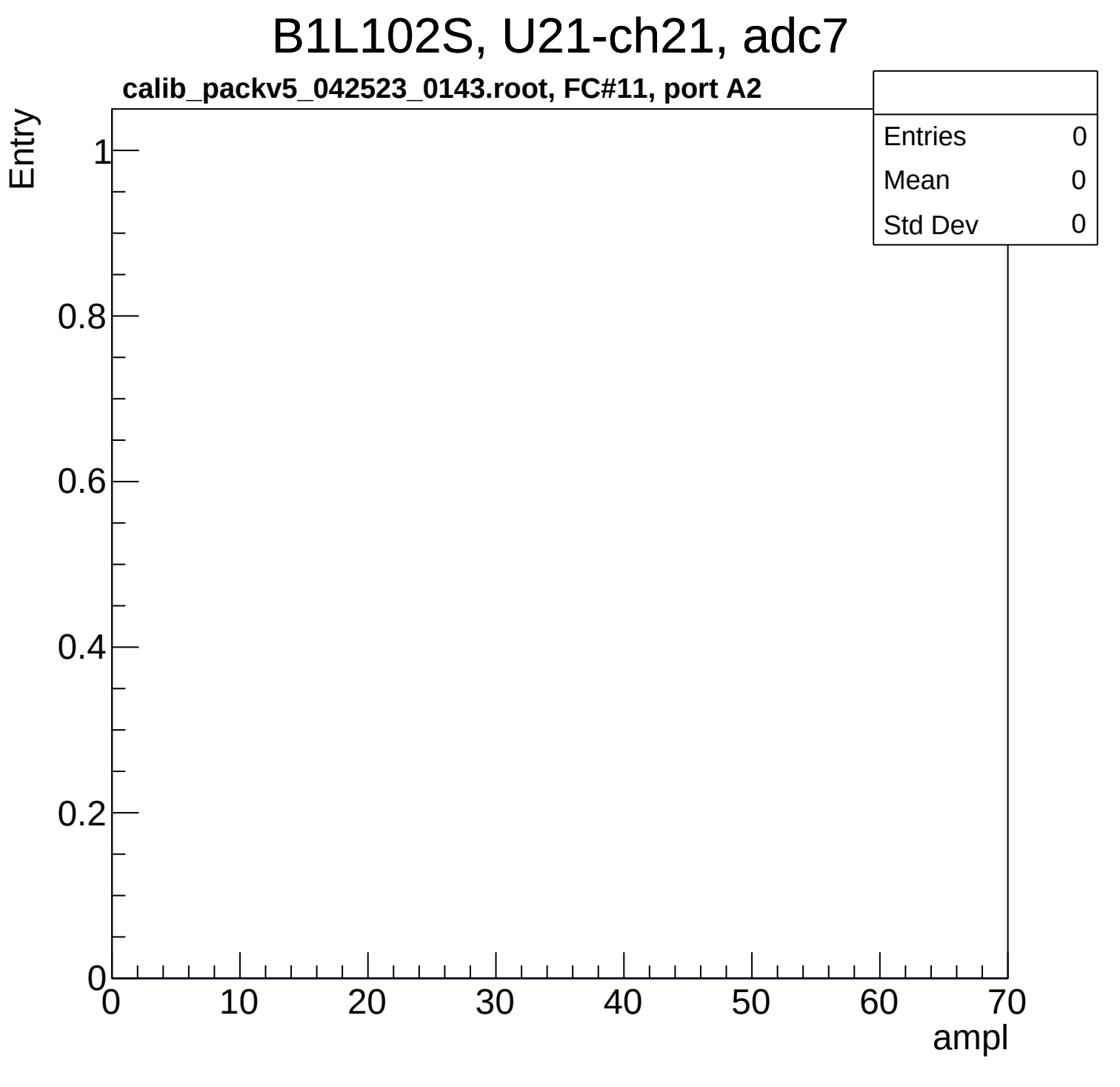

B1L102S, U21-ch21, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 15
Mean 57.2
Std Dev 15.38
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch21, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
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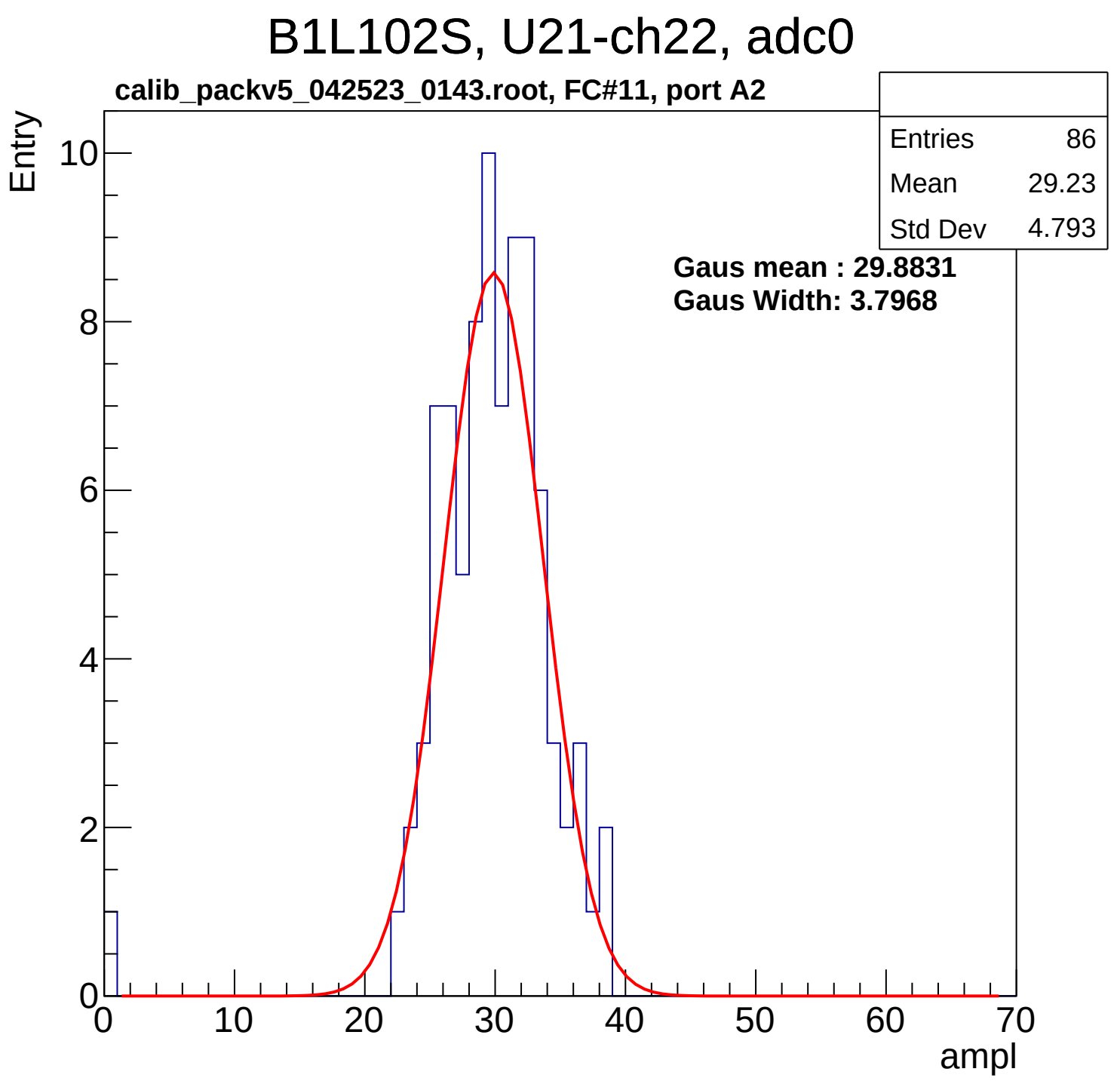
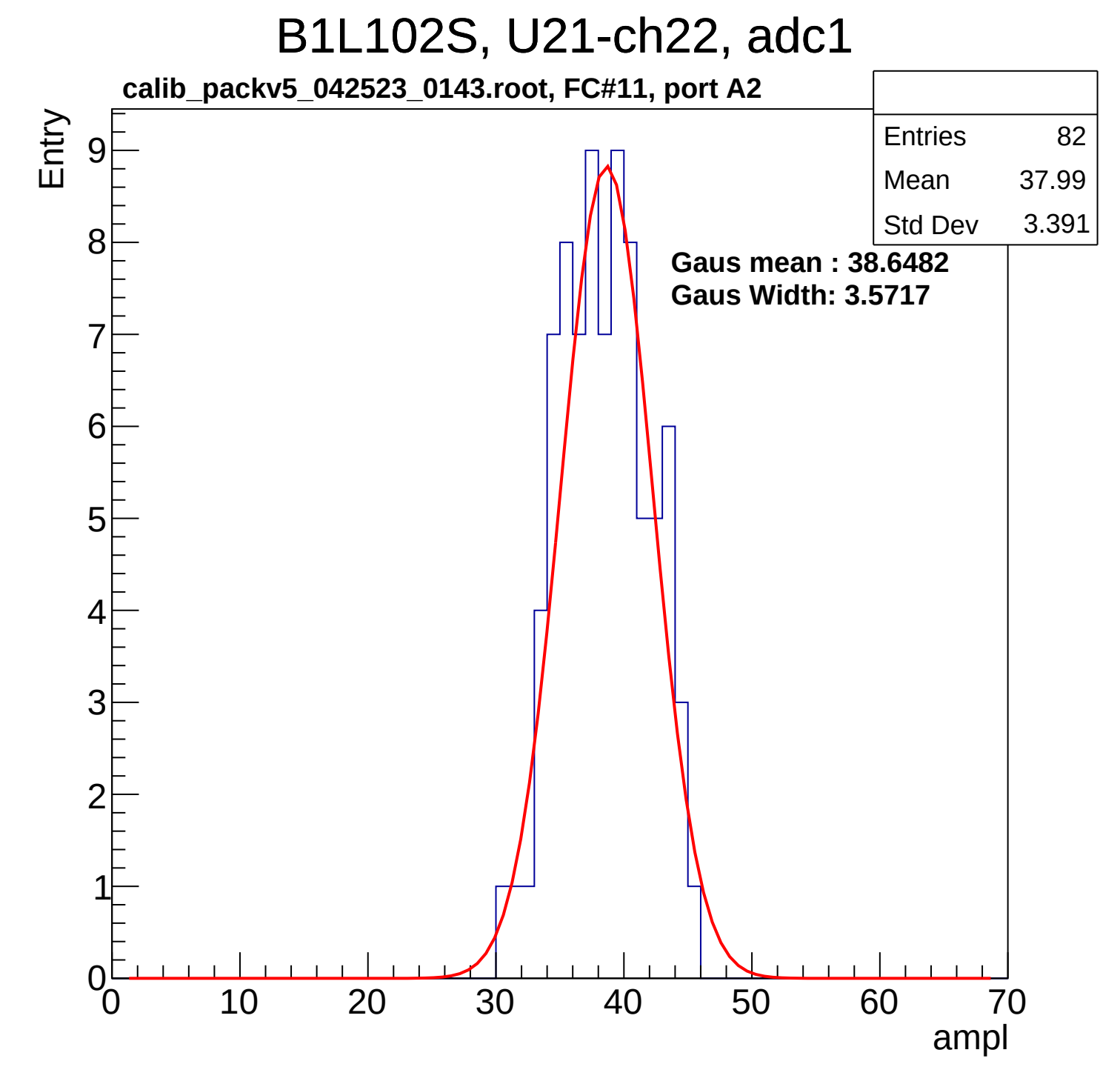
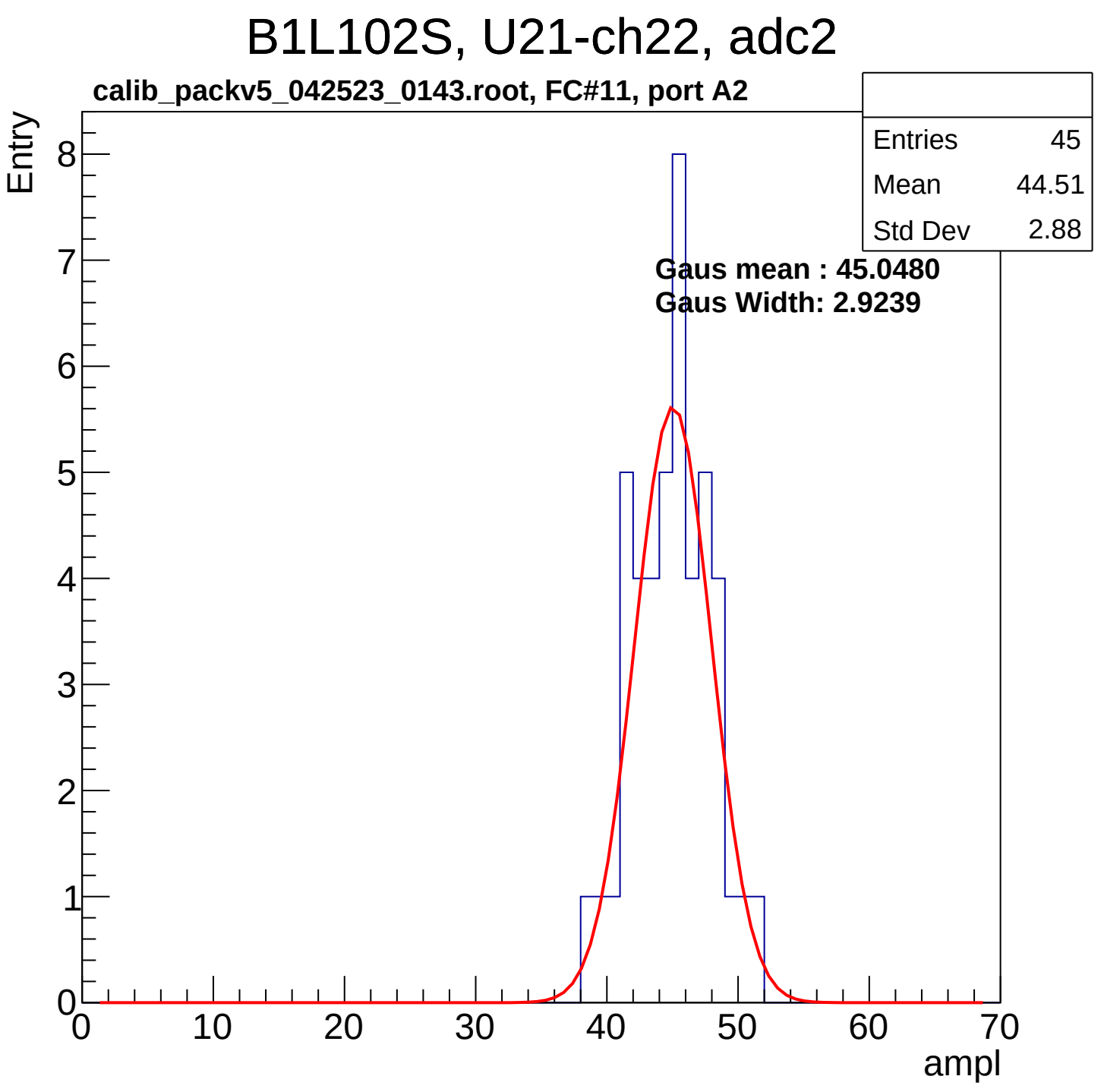
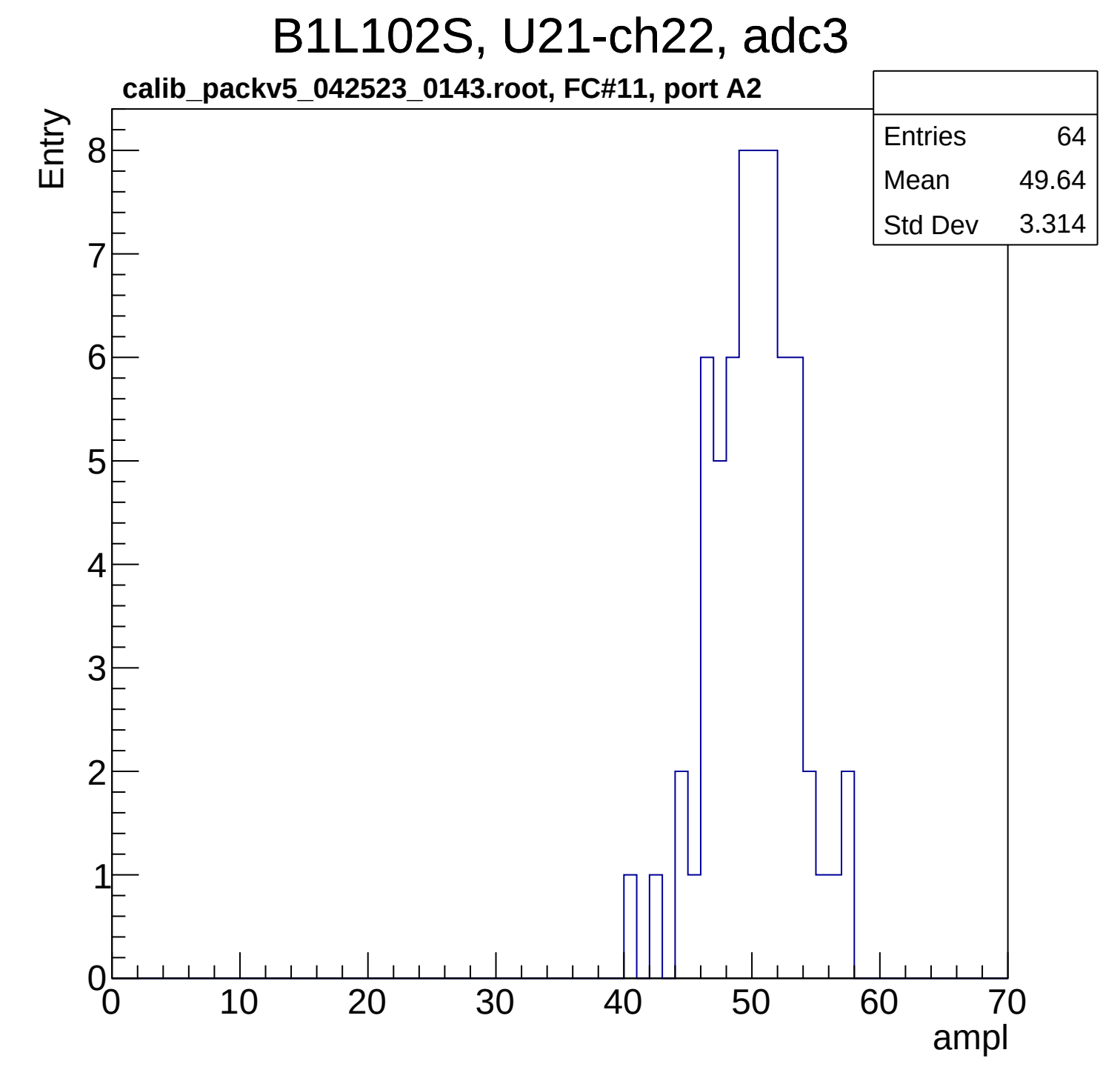
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch22, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 86
Mean 29.23
Std Dev 4.793
Gaus mean : 29.8831
Gaus Width: 3.7968
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch22, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 82
Mean 37.99
Std Dev 3.391
Gaus mean : 38.6482
Gaus Width: 3.5717
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch22, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 45
Mean 44.51
Std Dev 2.88
Gaus mean : 45.0480
Gaus Width: 2.9239
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch22, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 49.64
Std Dev 3.314
Entry
ampl
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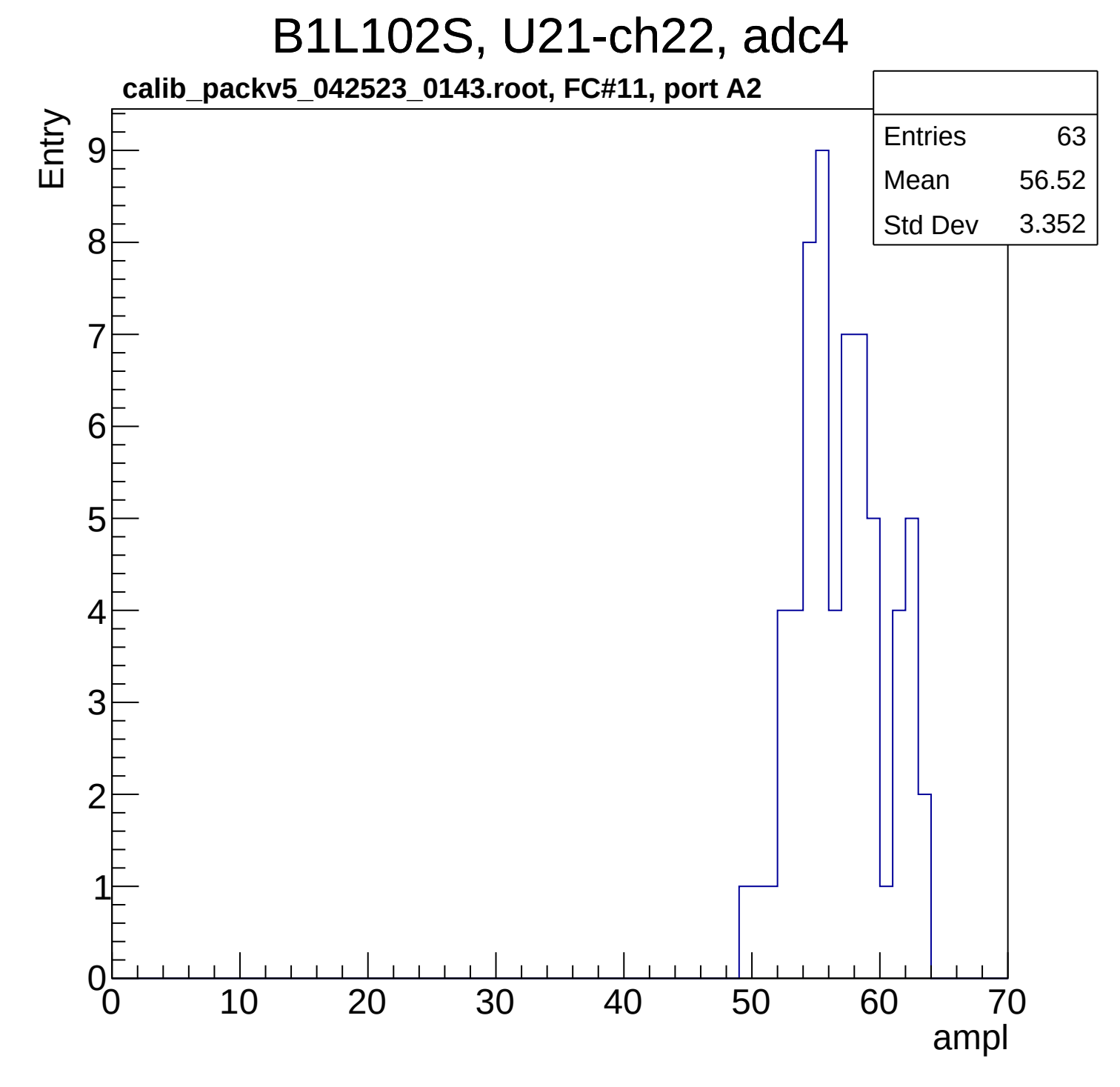
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch22, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 56.52
Std Dev 3.352
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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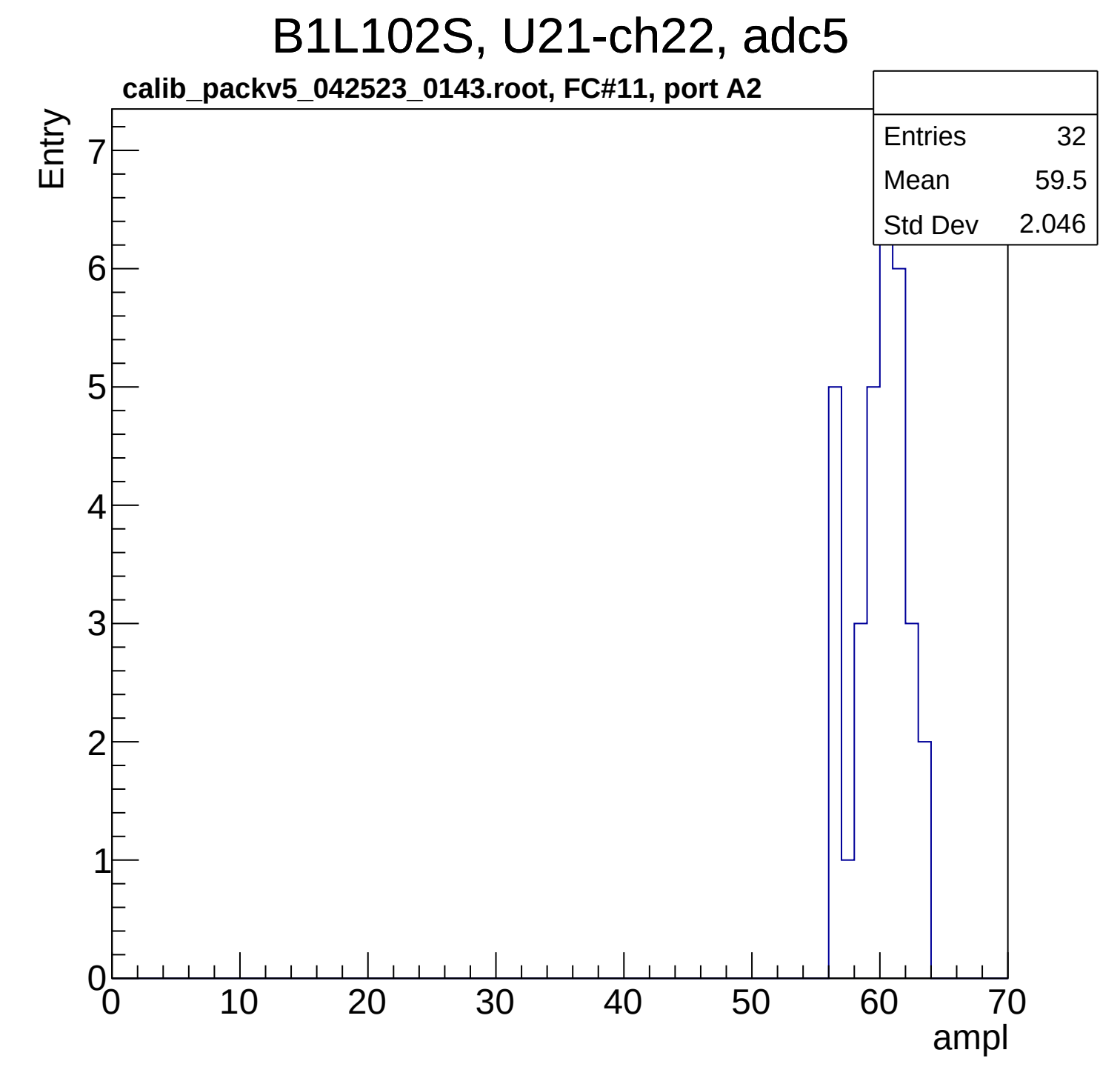
B1L102S, U21-ch22, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 32
Mean 59.5
Std Dev 2.046
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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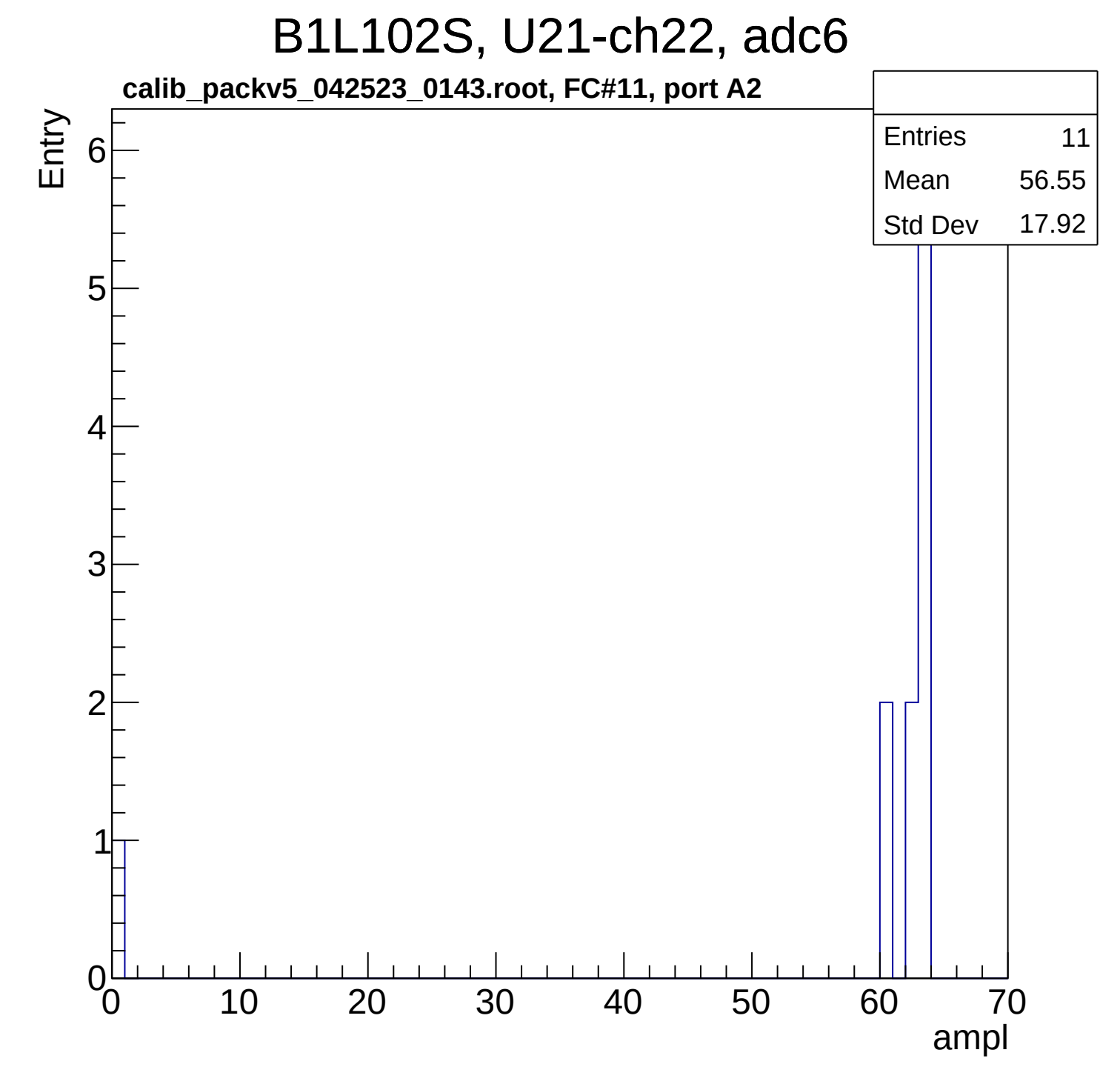
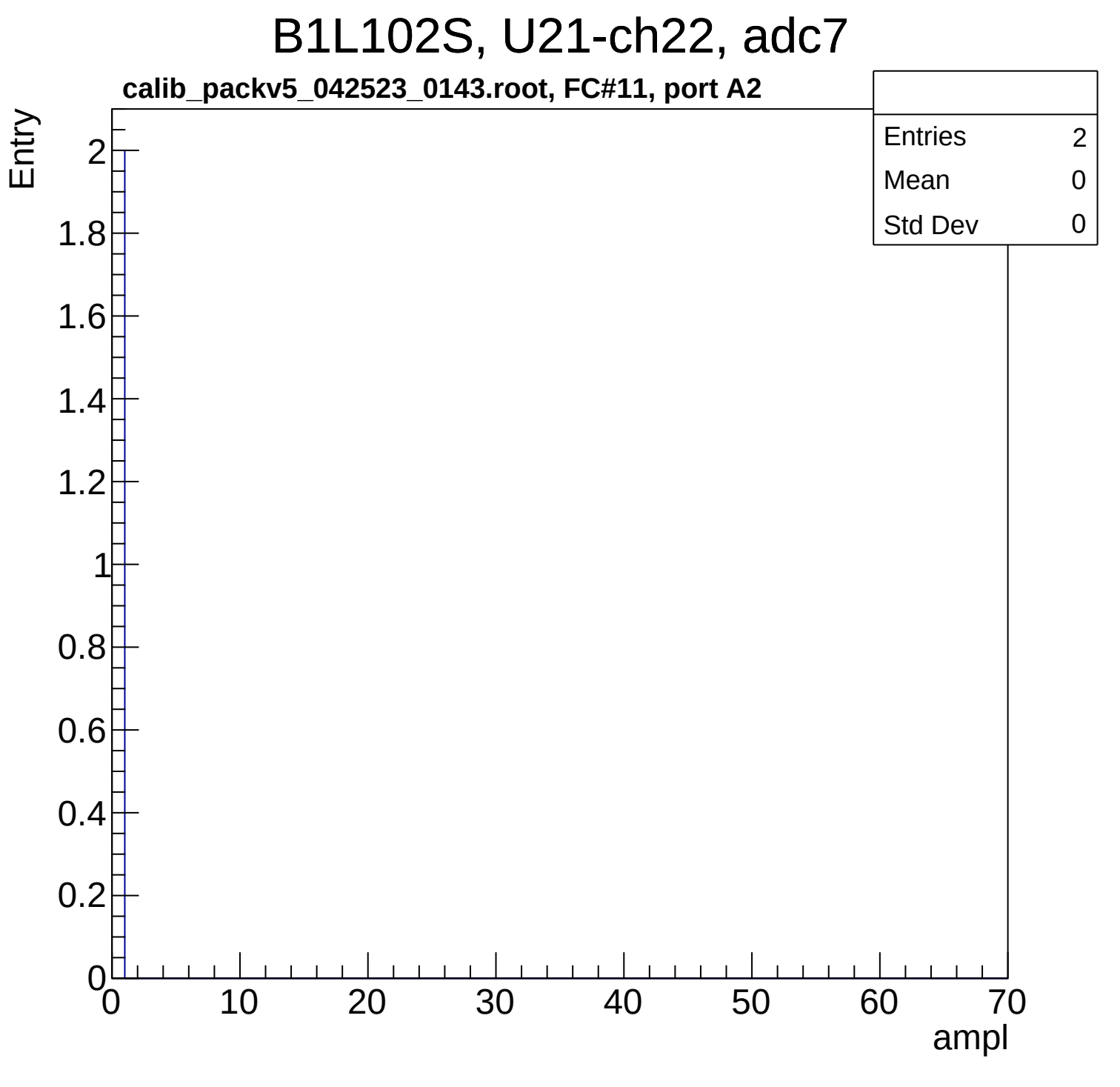

B1L102S, U21-ch22, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 11
Mean 56.55
Std Dev 17.92
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U21-ch22, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
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1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
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60
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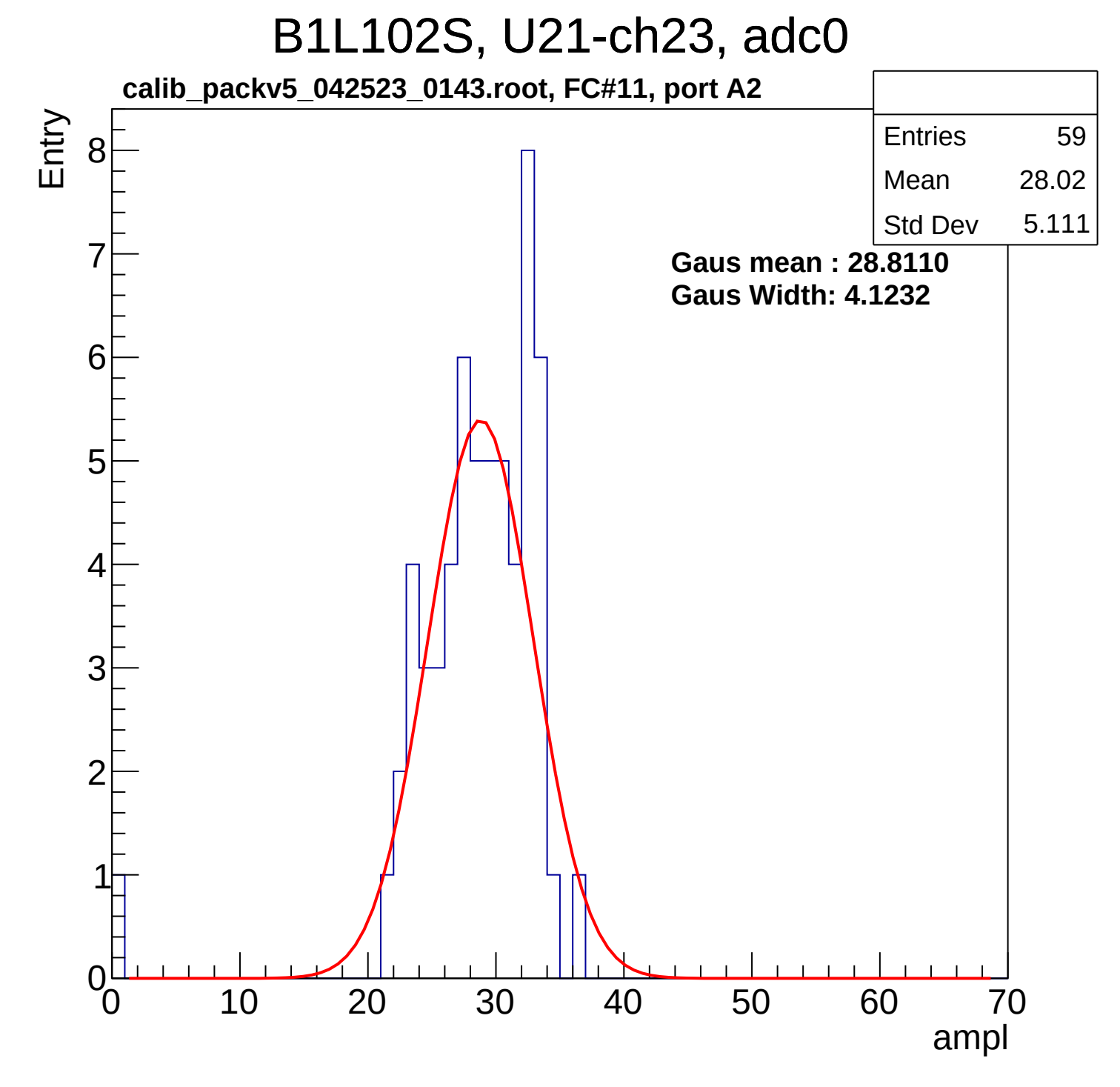
B1L102S, U21-ch23, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 28.02
Std Dev 5.111
Gaus mean : 28.8110
Gaus Width: 4.1232
Entry
ampl
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1
2
3
4
5
6
7
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0
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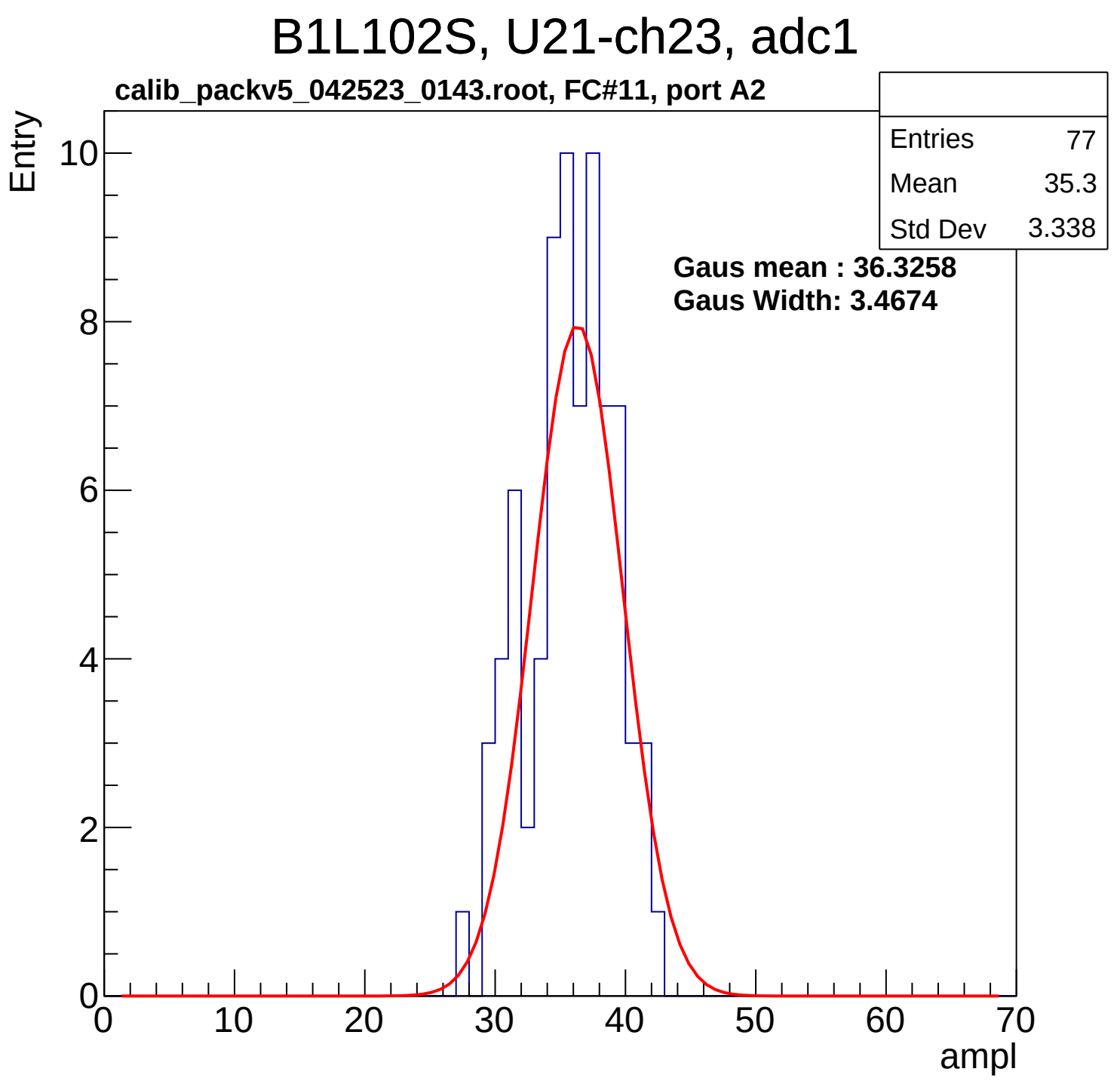
40
50
60
70


B1L102S, U21-ch23, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 35.3
Std Dev 3.338
Gaus mean : 36.3258
Gaus Width: 3.4674
Entry
ampl
0
2
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6
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0
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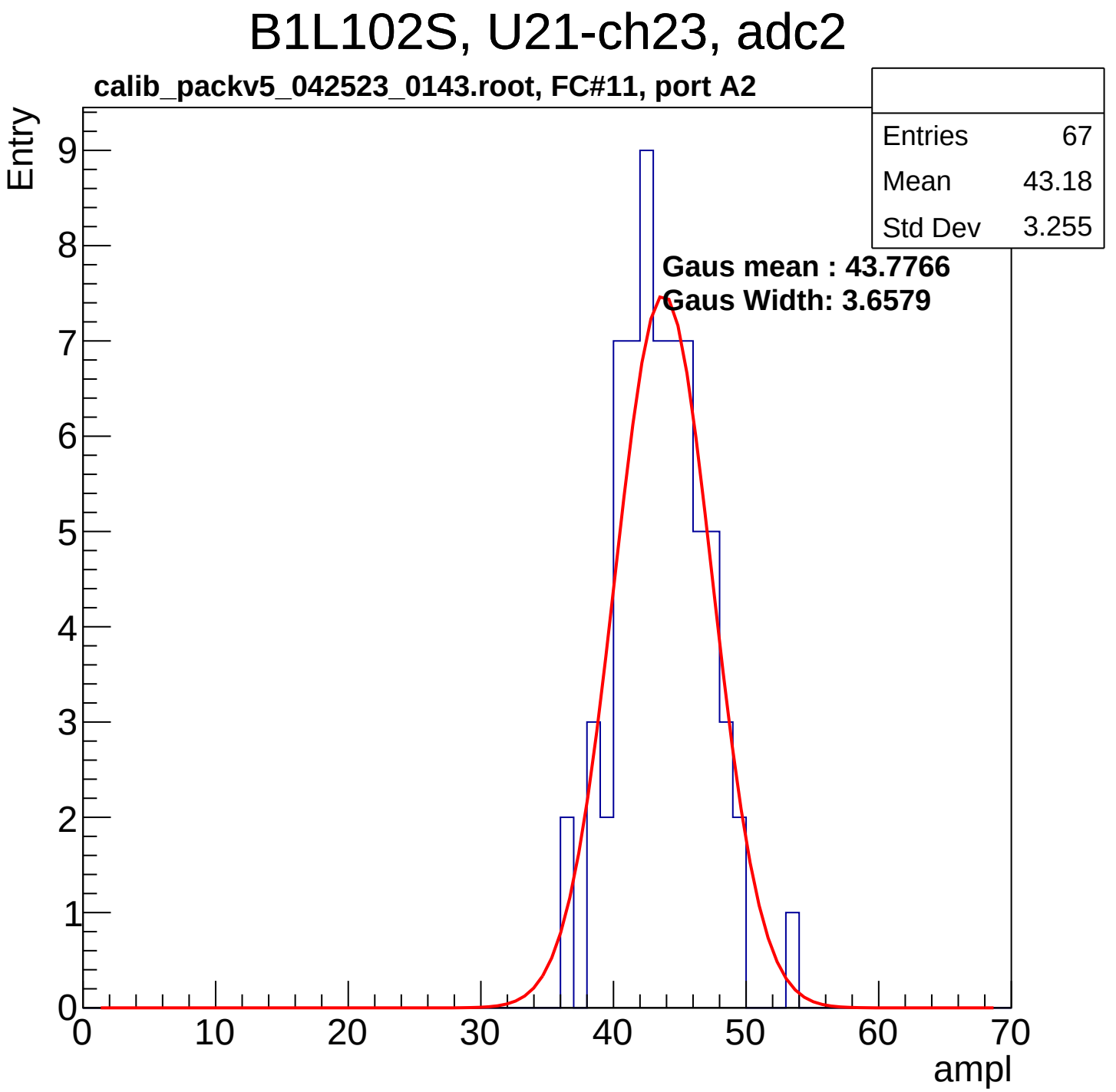
B1L102S, U21-ch23, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 43.18
Std Dev 3.255
Gaus mean : 43.7766
Gaus Width: 3.6579
Entry
ampl
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2
3
4
5
6
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0
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60
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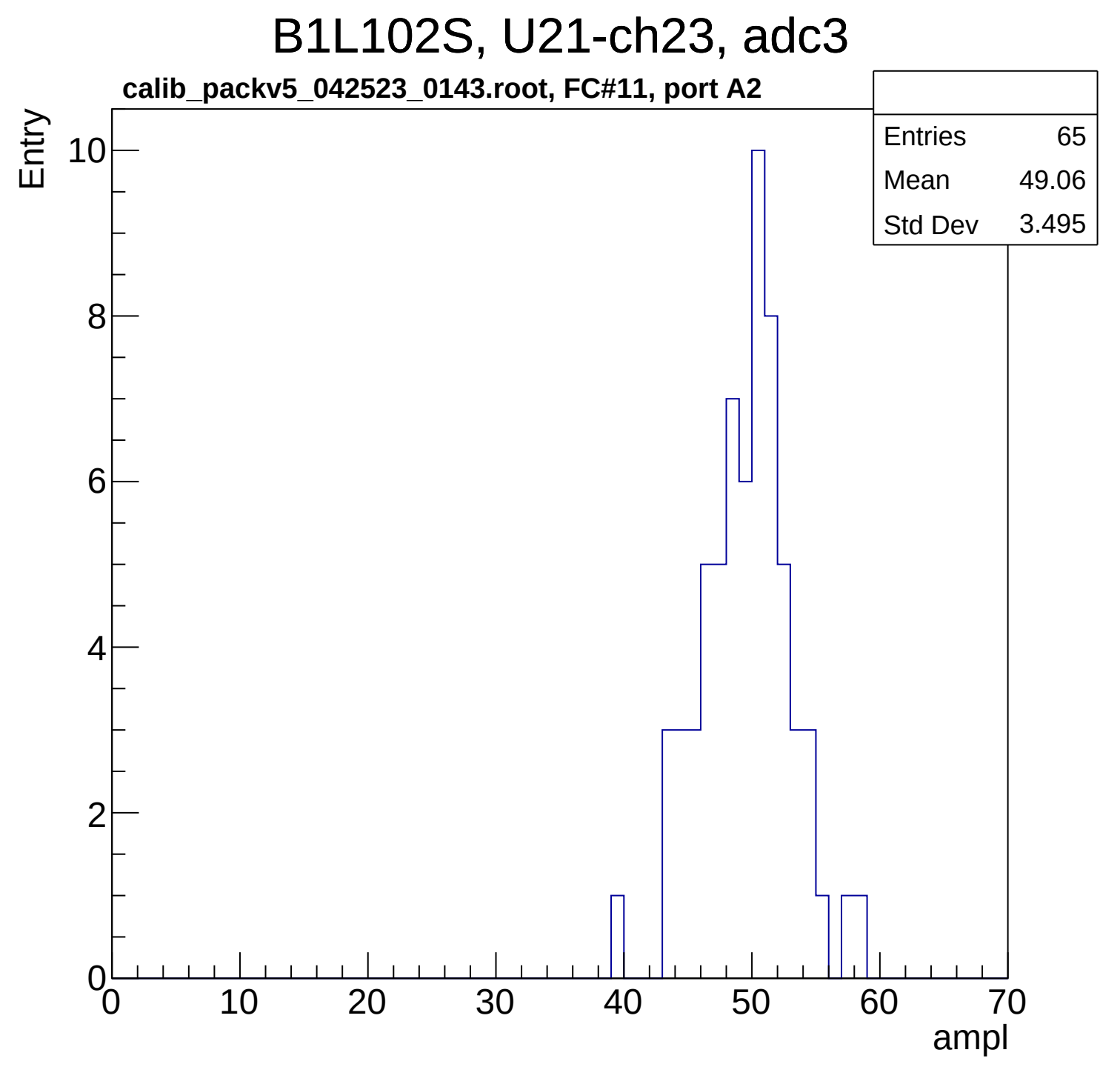
B1L102S, U21-ch23, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 49.06
Std Dev 3.495
Entry
ampl
0
2
4
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8
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0
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40
50
60
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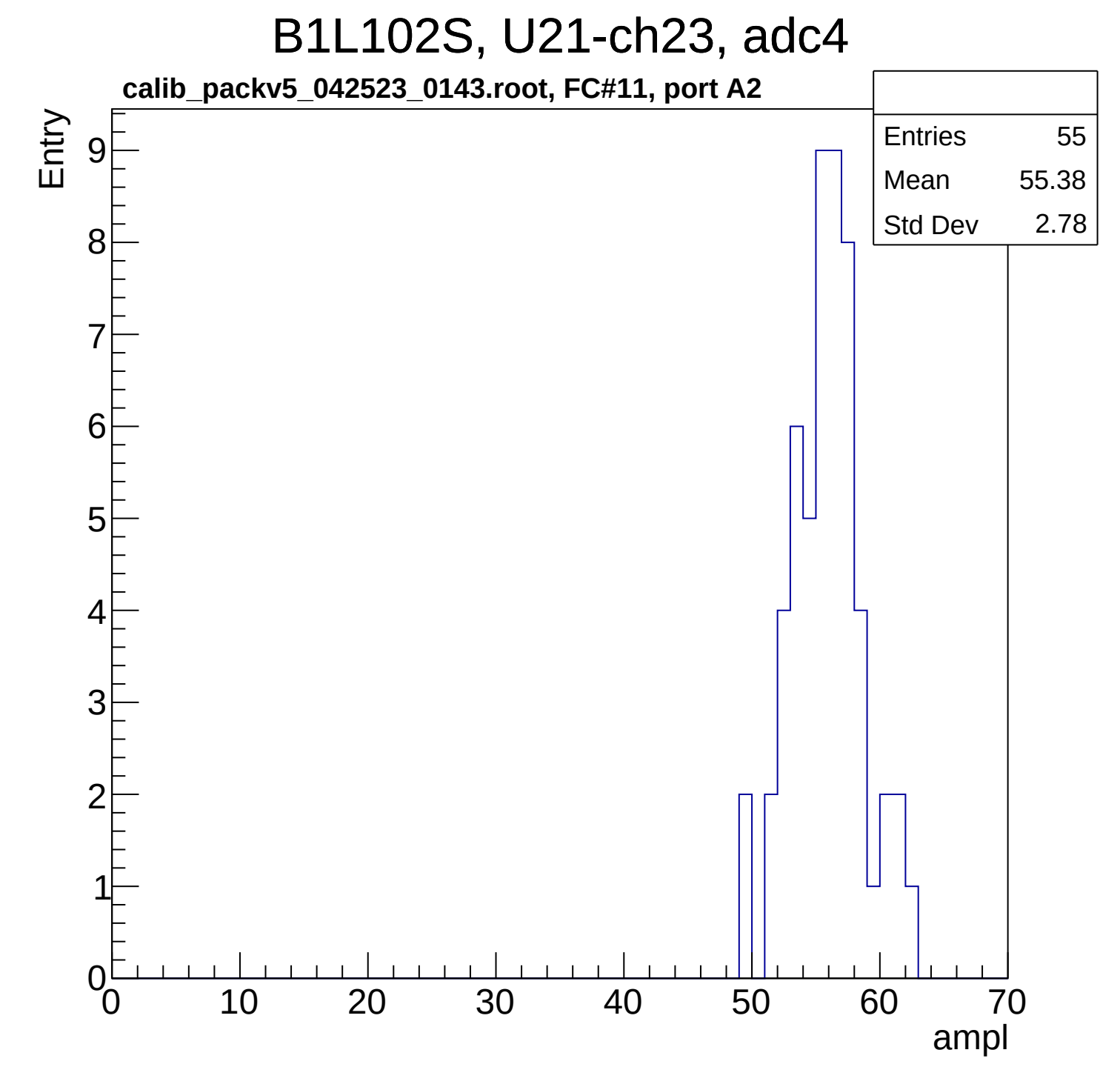
B1L102S, U21-ch23, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 55.38
Std Dev 2.78
Entry
ampl
0
1
2
3
4
5
6
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0
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60
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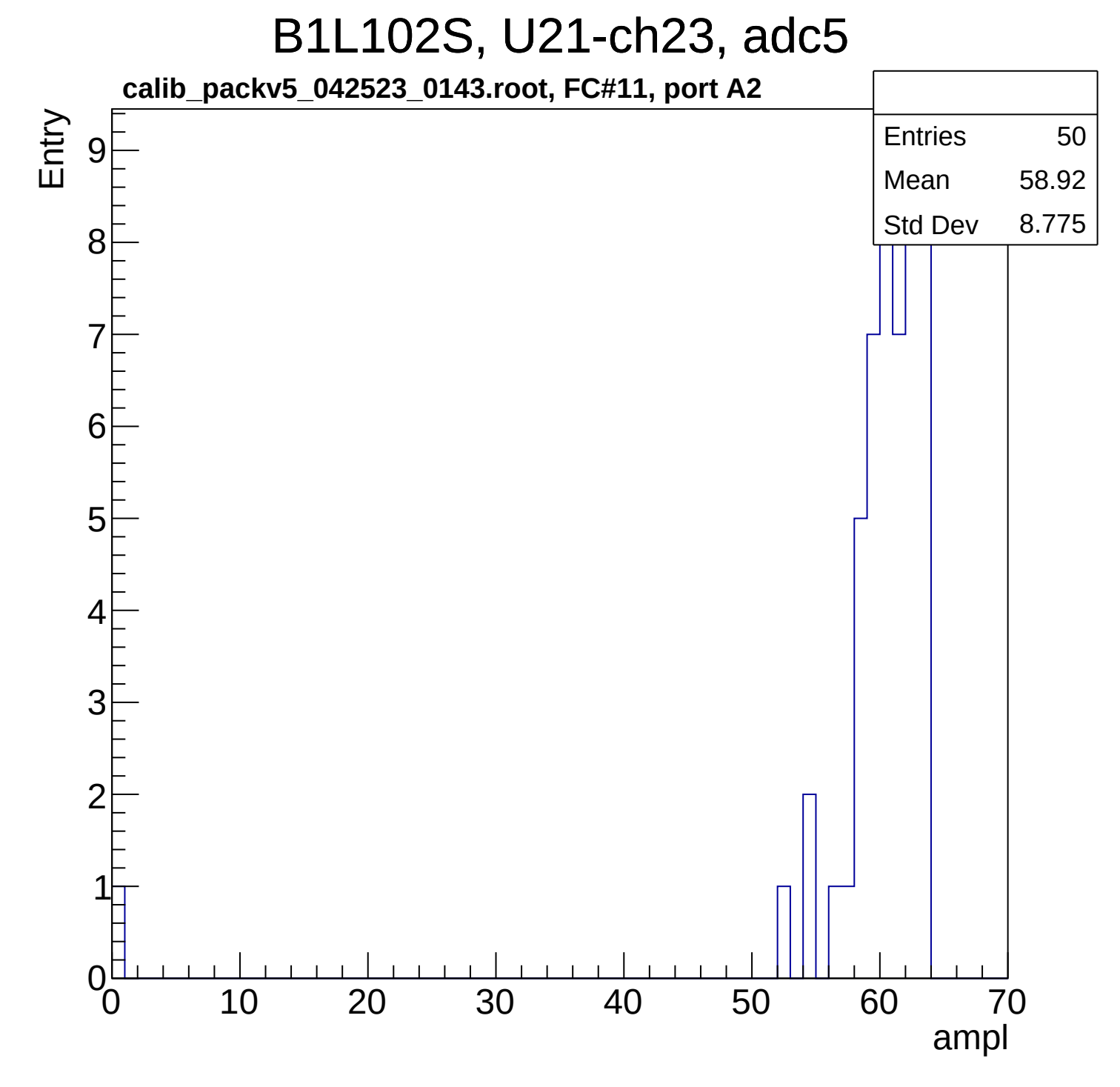
B1L102S, U21-ch23, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 50
Mean 58.92
Std Dev 8.775
Entry
ampl
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2
3
4
5
6
7
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0
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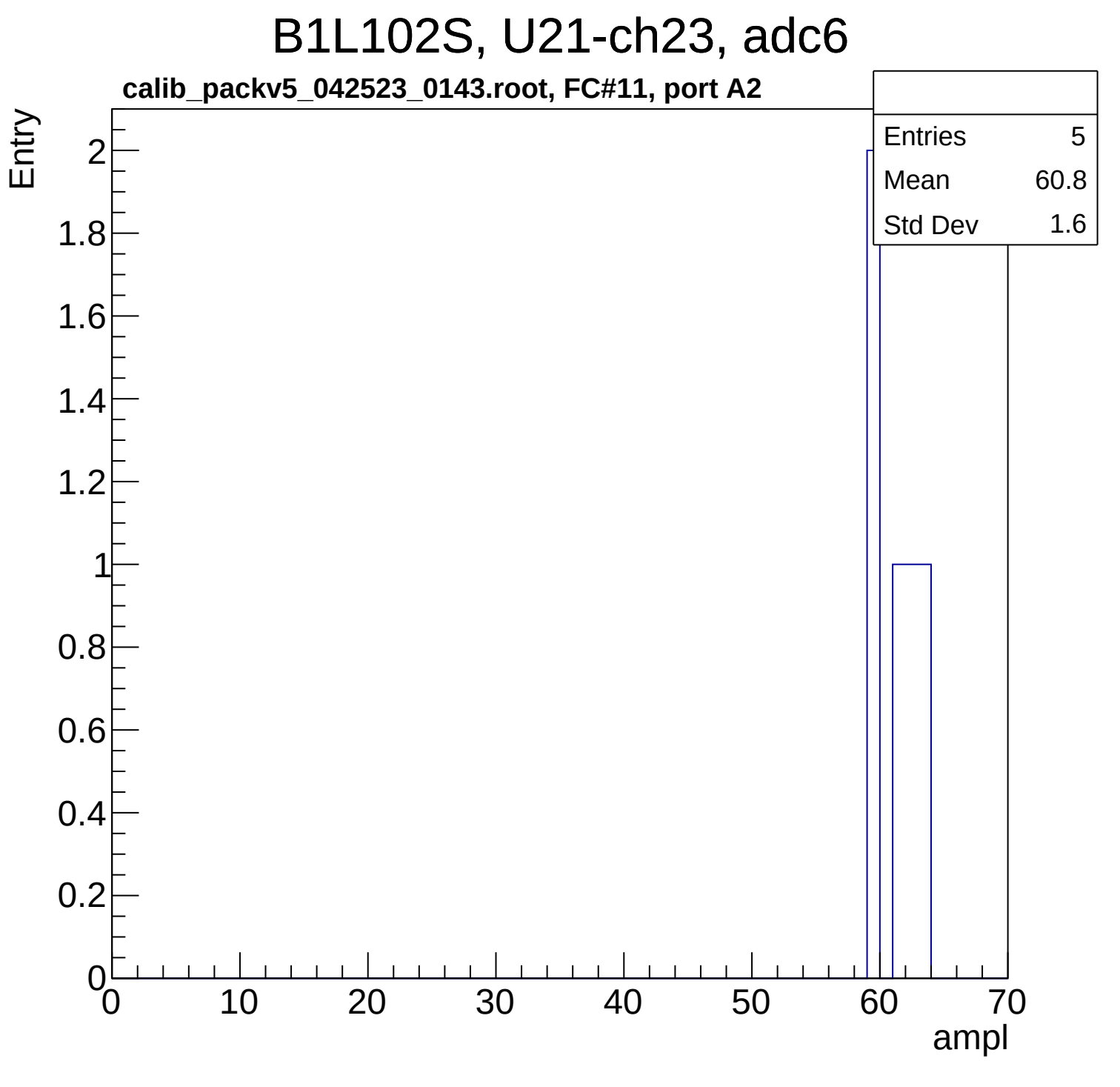
B1L102S, U21-ch23, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 5
Mean 60.8
Std Dev 1.6
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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40
50
60
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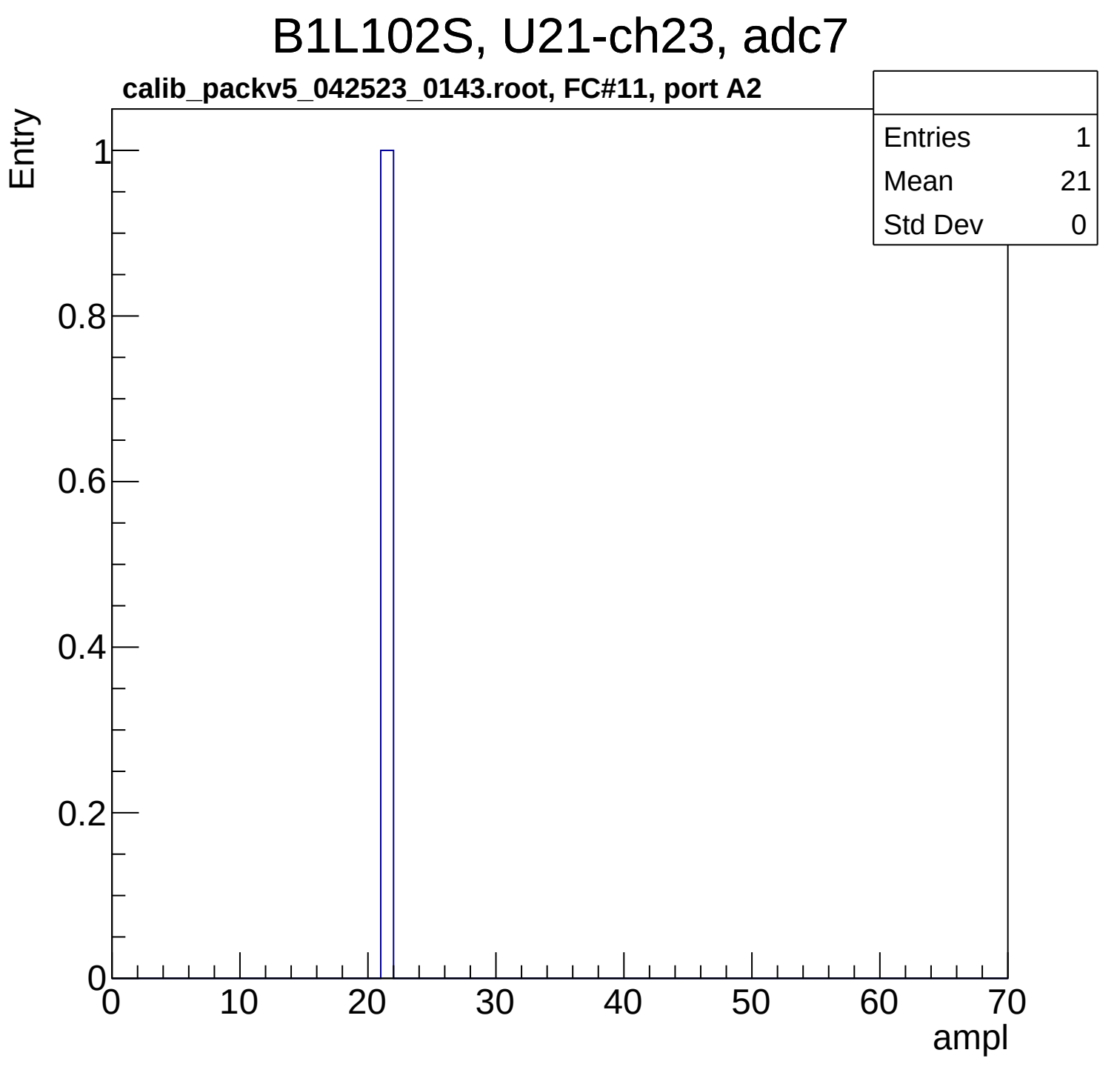
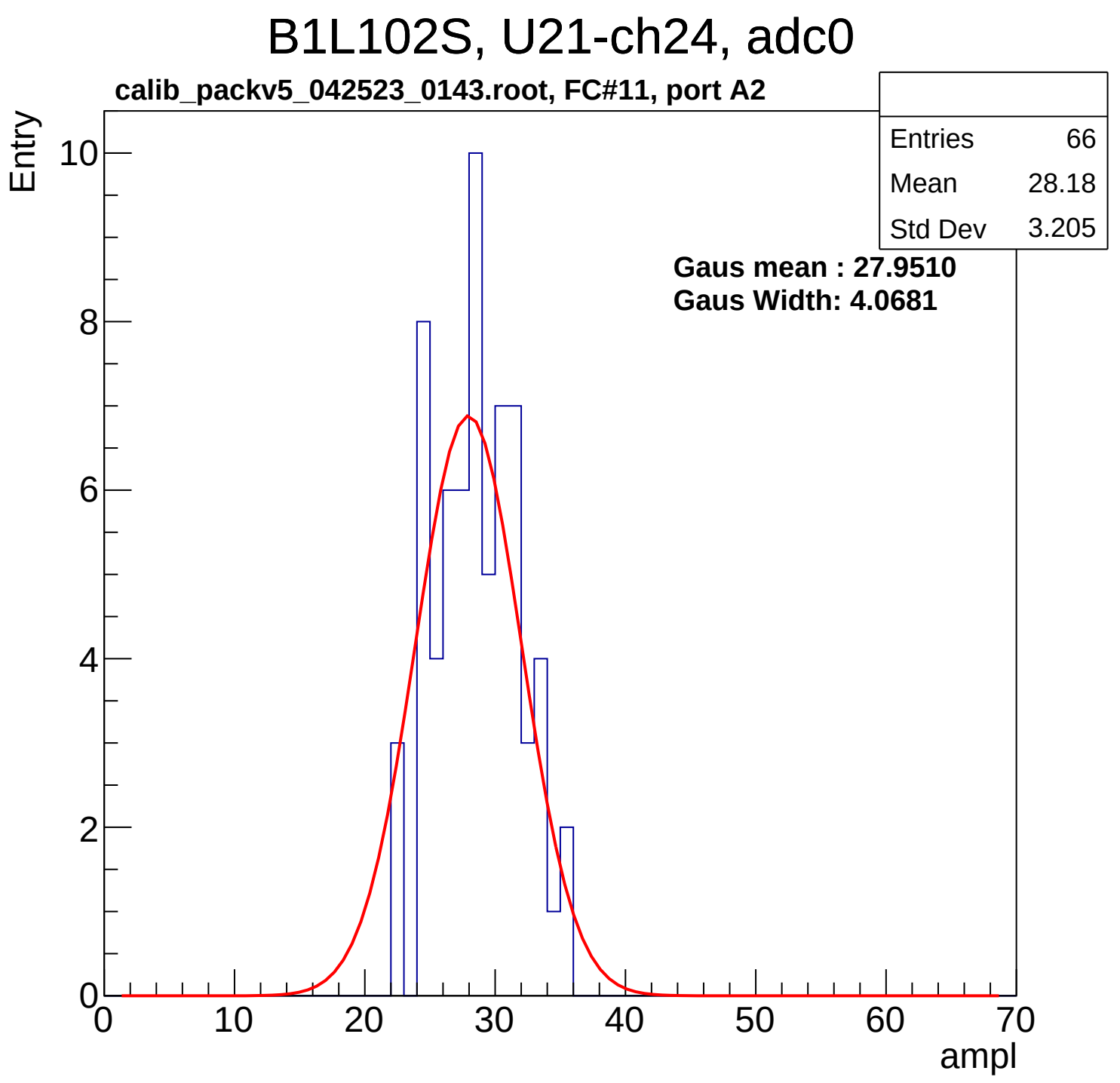

B1L102S, U21-ch23, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 21
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch24, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 28.18
Std Dev 3.205
Gaus mean : 27.9510
Gaus Width: 4.0681
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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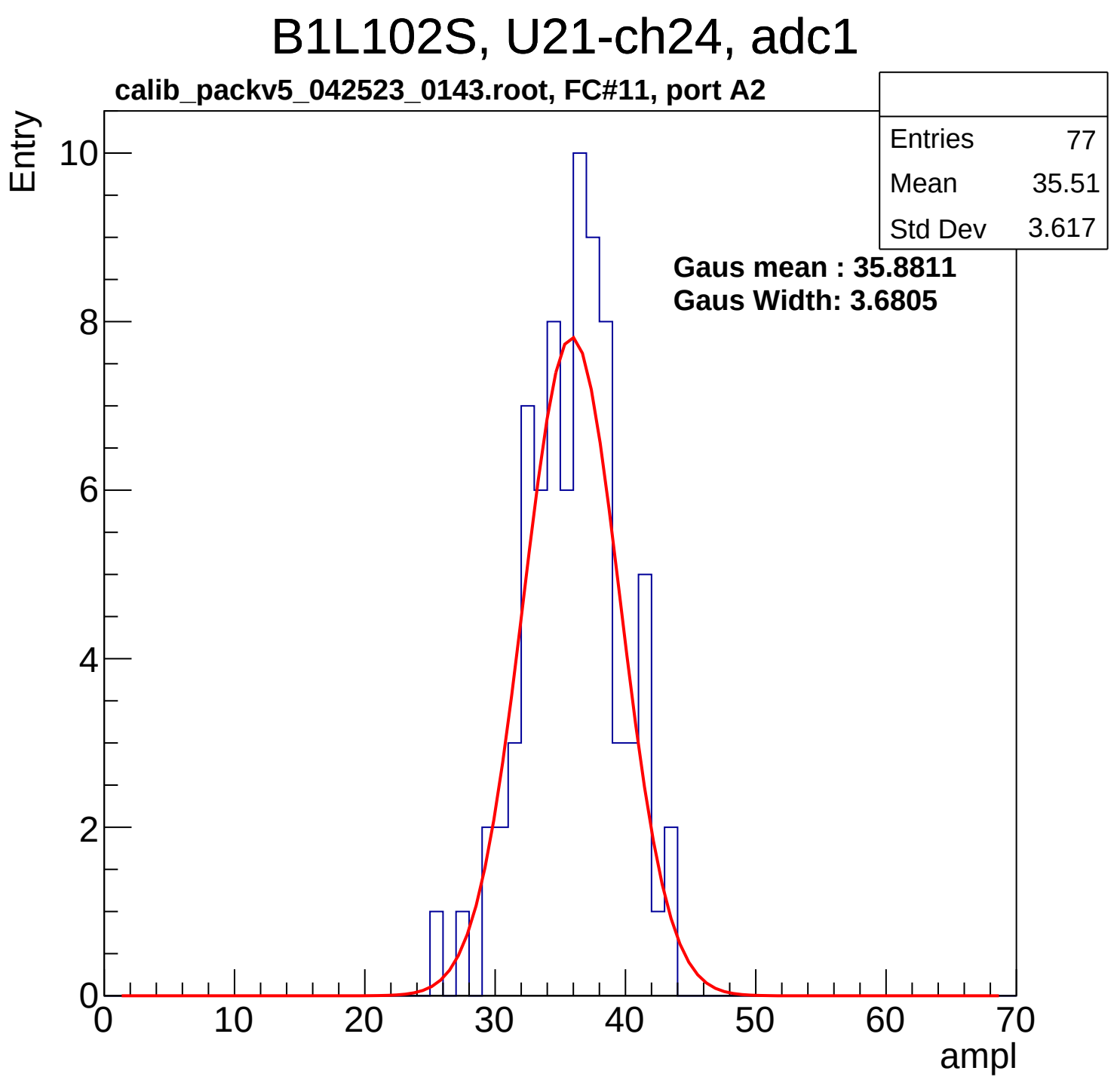
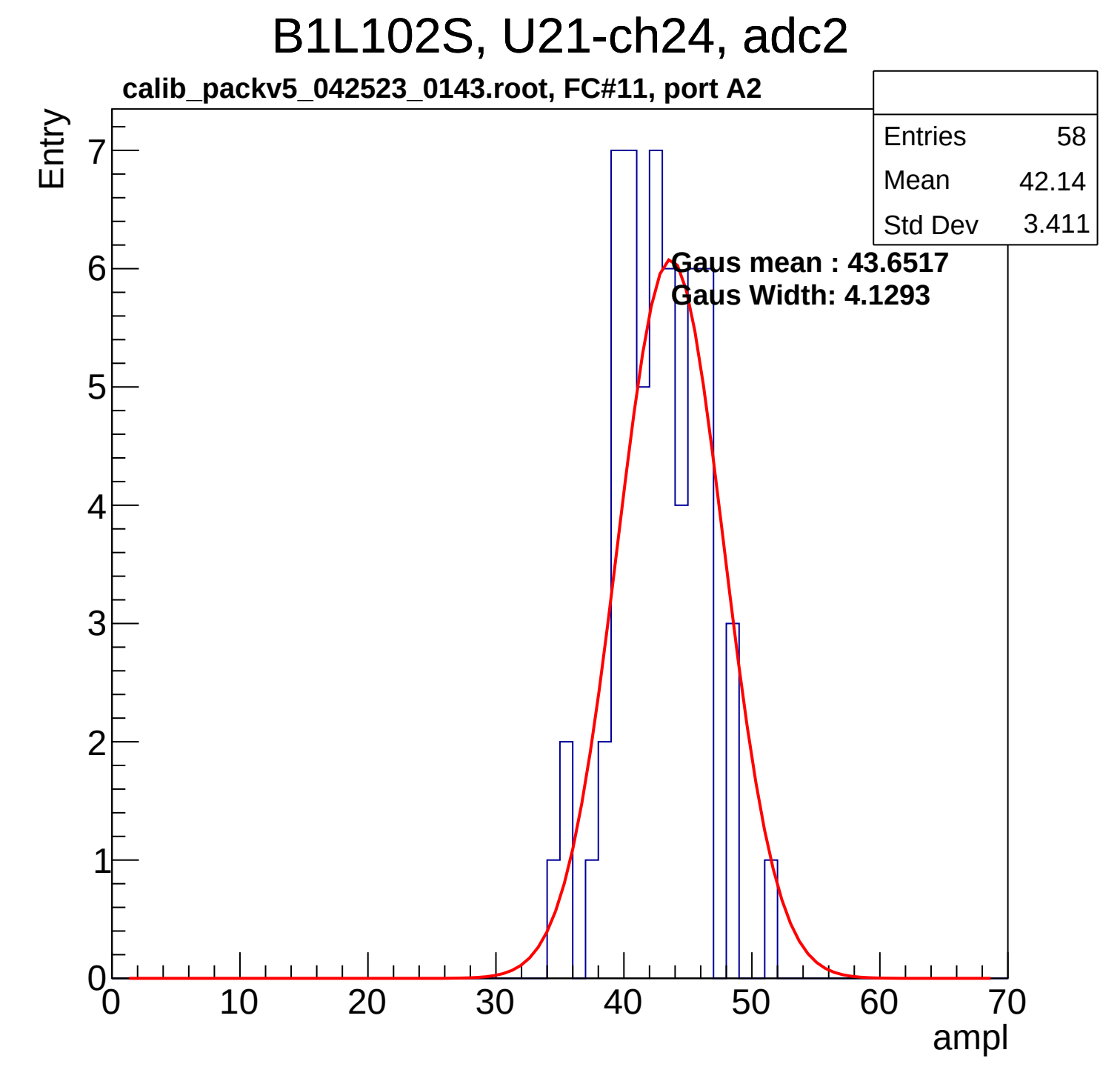
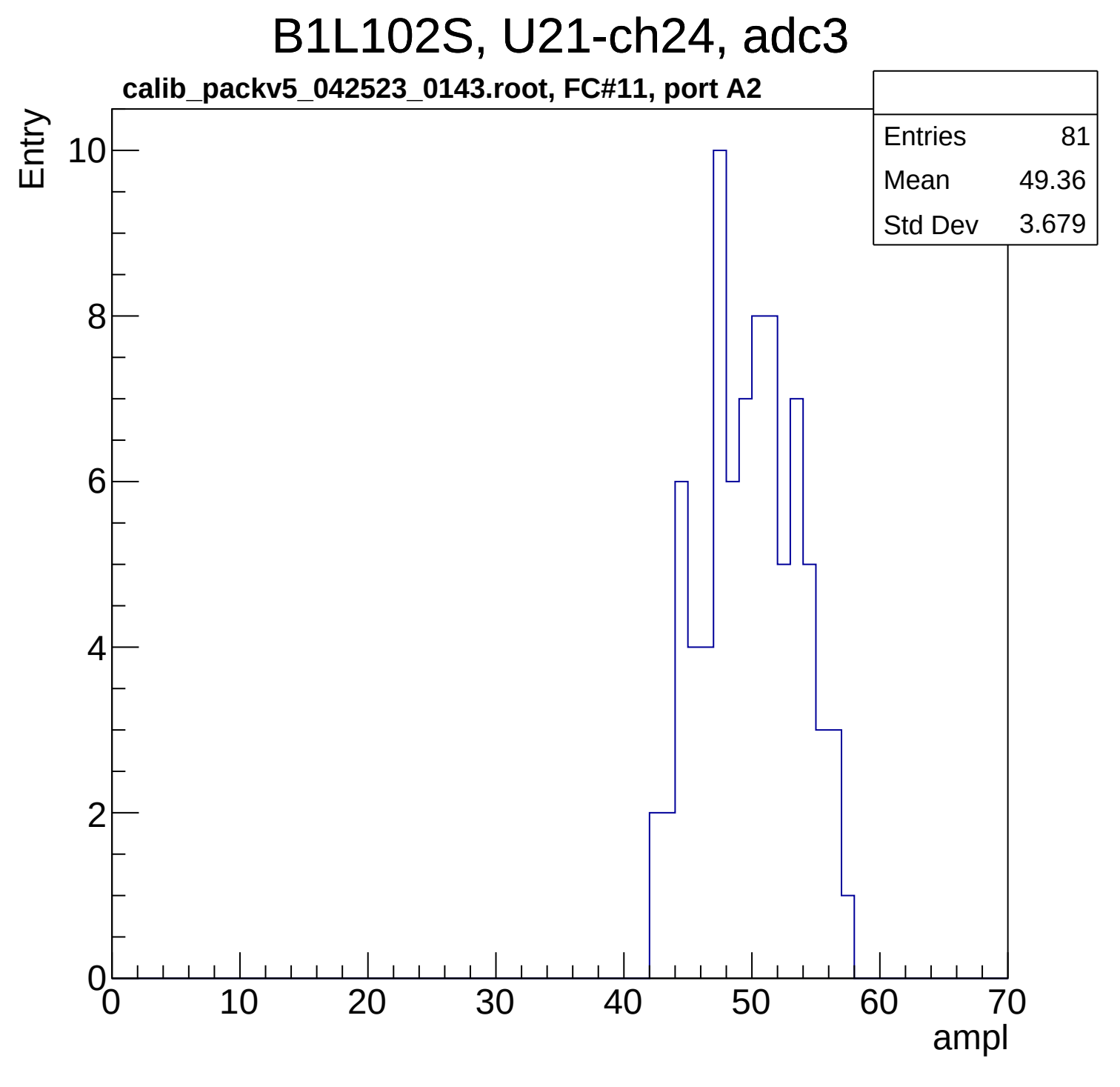
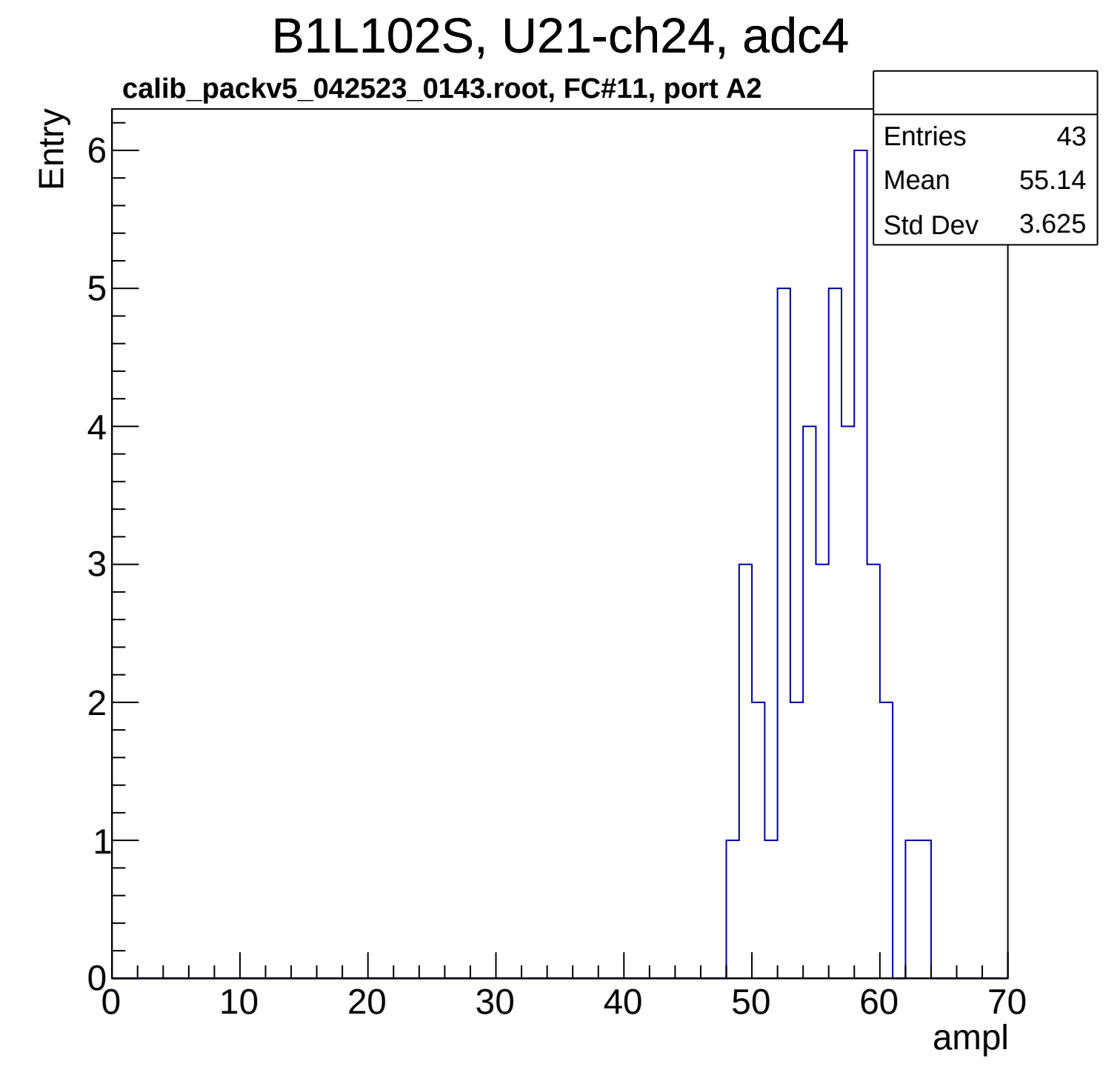

B1L102S, U21-ch24, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 35.51
Std Dev 3.617
Gaus mean : 35.8811
Gaus Width: 3.6805
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch24, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 42.14
Std Dev 3.411
Gaus mean : 43.6517
Gaus Width: 4.1293
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch24, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 81
Mean 49.36
Std Dev 3.679
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch24, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 43
Mean 55.14
Std Dev 3.625
Entry
ampl
0
1
2
3
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0
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40
50
60
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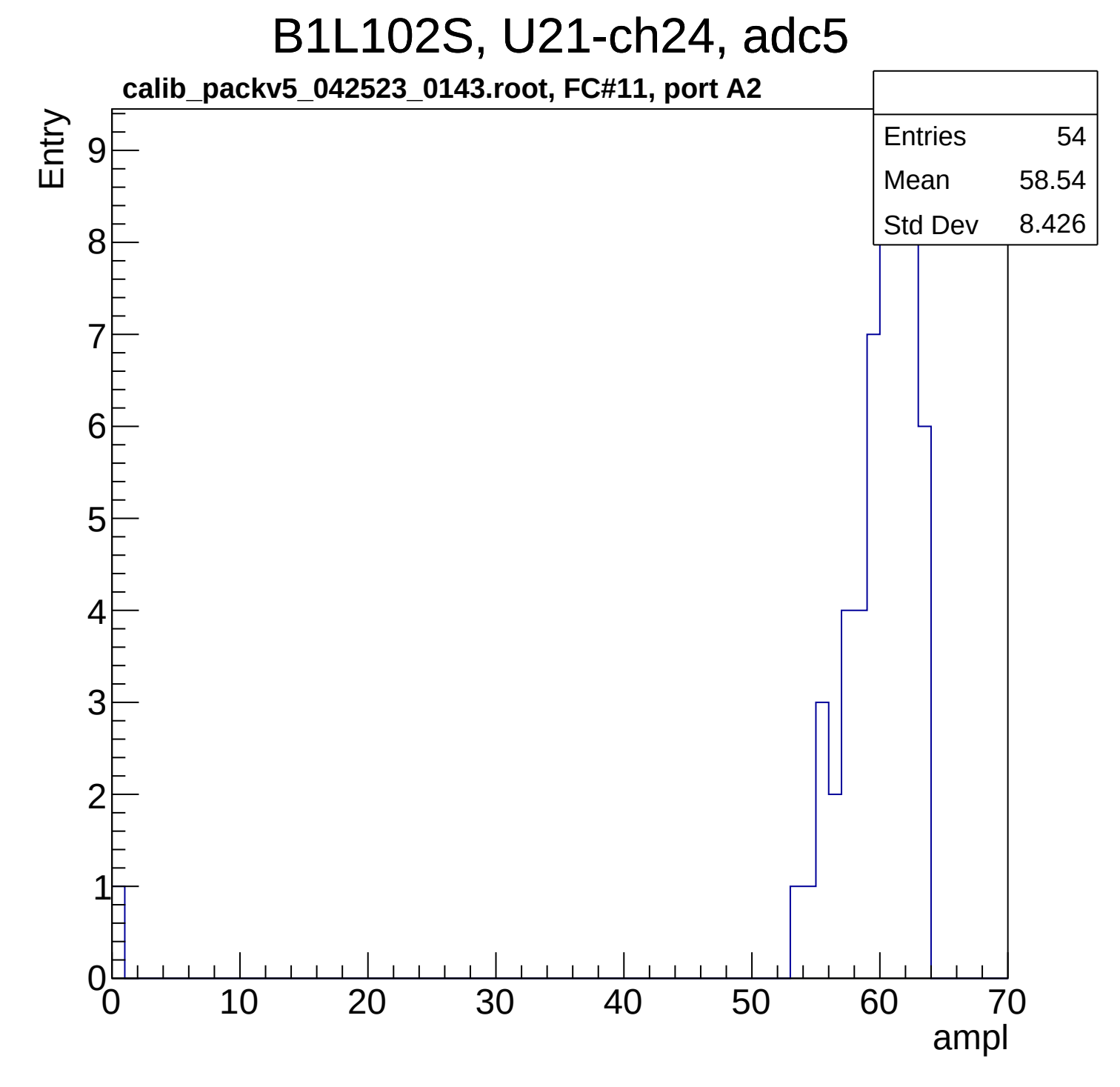
B1L102S, U21-ch24, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 58.54
Std Dev 8.426
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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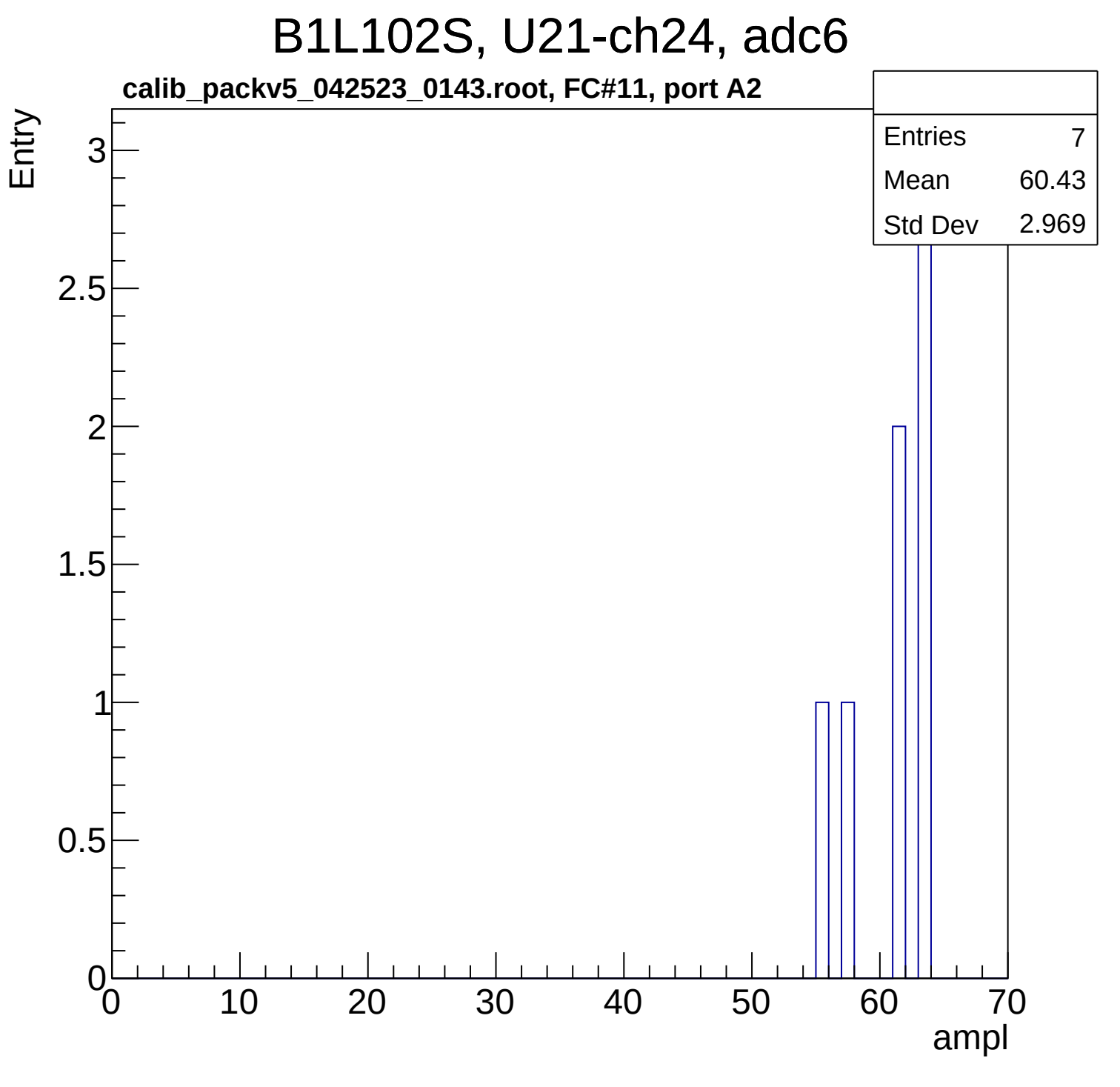
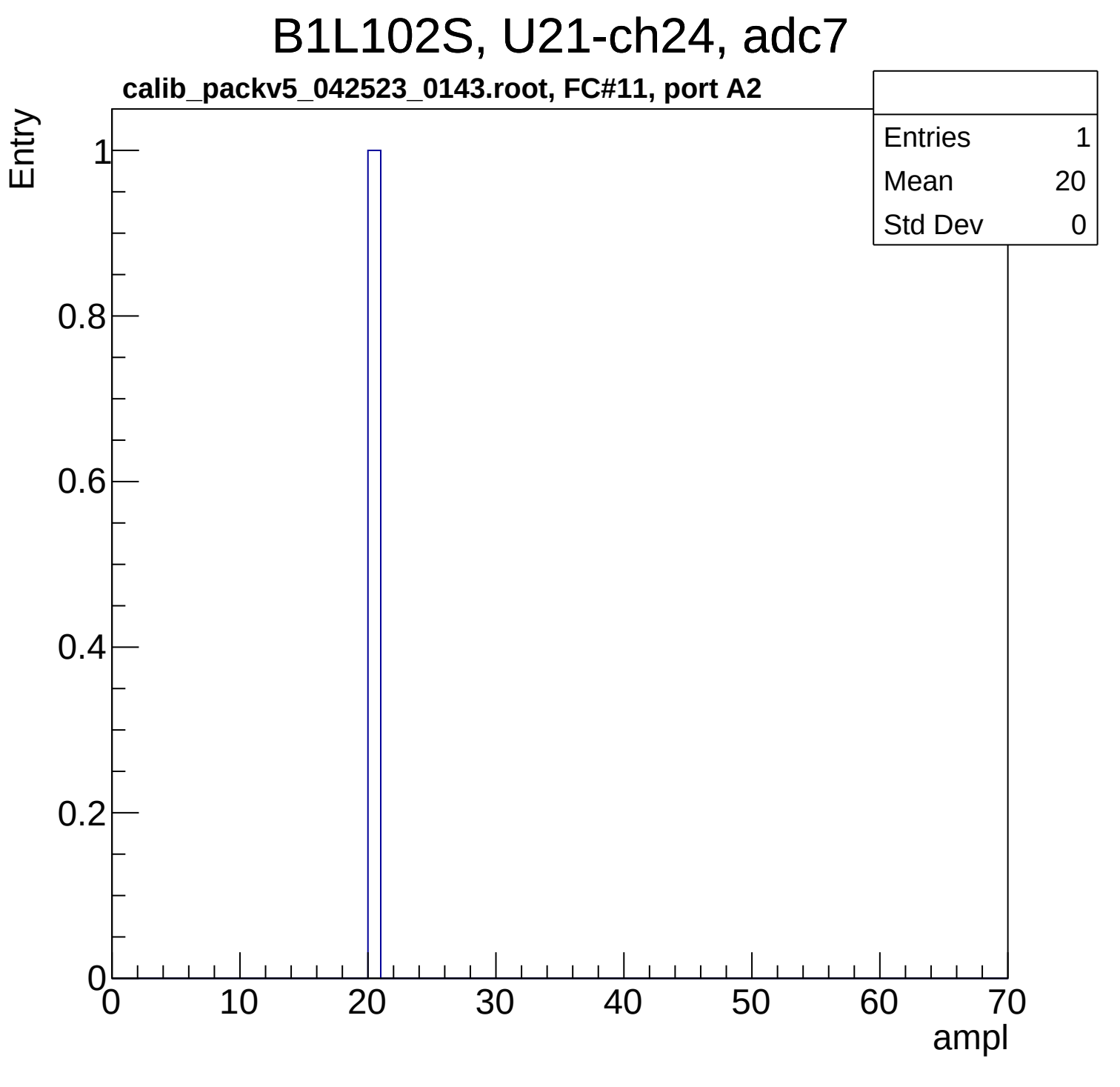
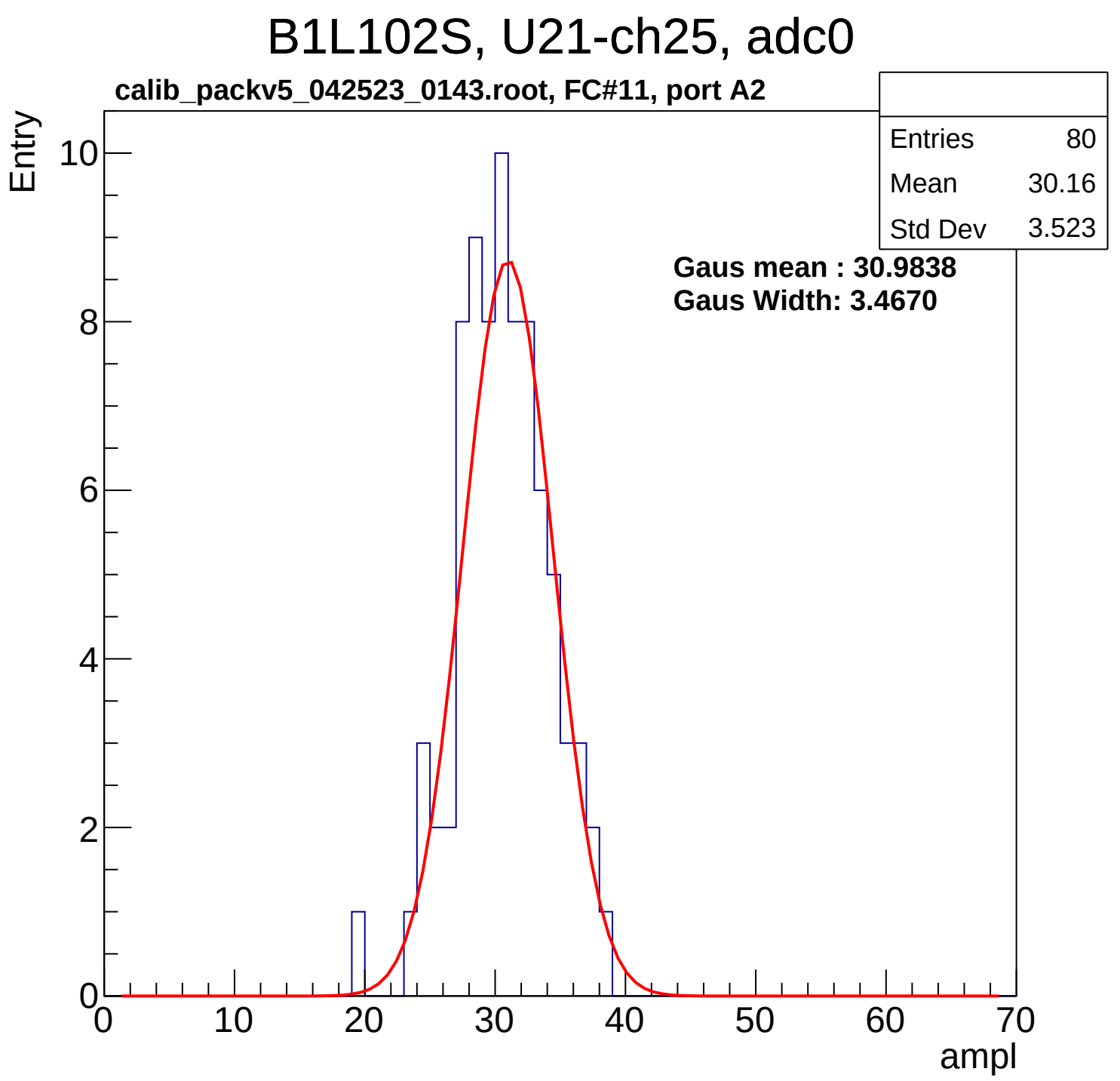
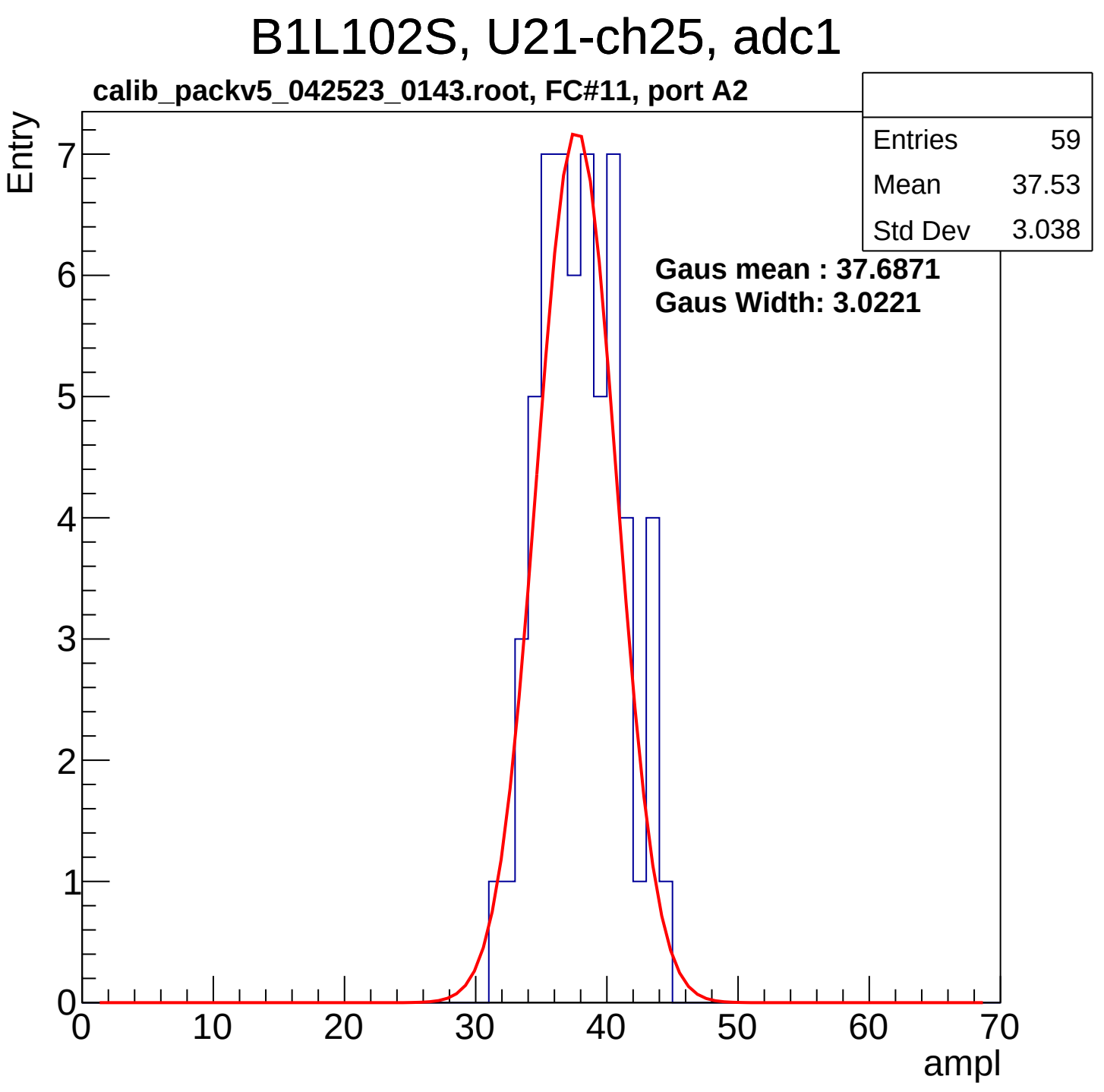
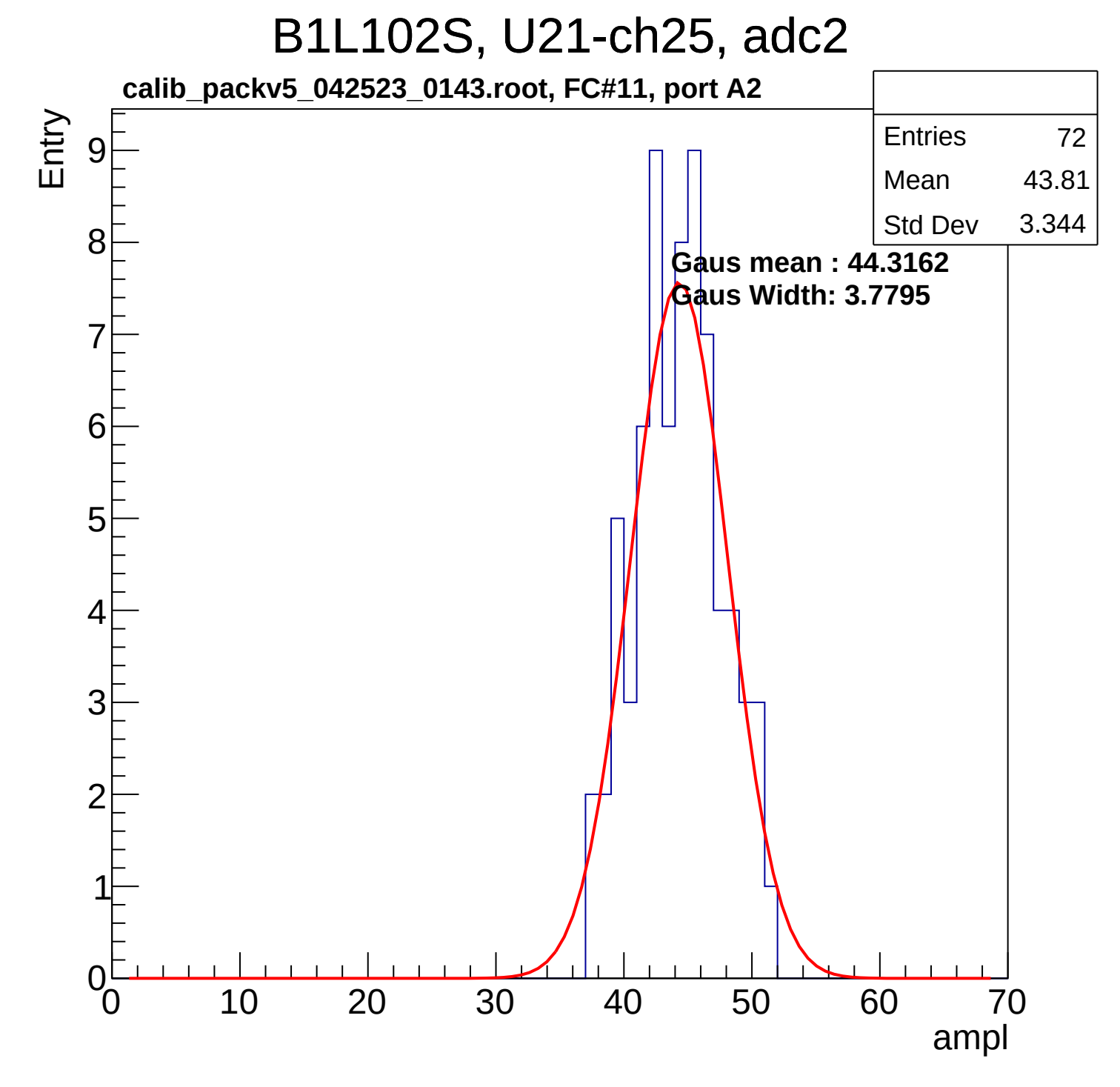

B1L102S, U21-ch24, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 7
Mean 60.43
Std Dev 2.969
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U21-ch24, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 20
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch25, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 80
Mean 30.16
Std Dev 3.523
Gaus mean : 30.9838
Gaus Width: 3.4670
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch25, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 37.53
Std Dev 3.038
Gaus mean : 37.6871
Gaus Width: 3.0221
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch25, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 43.81
Std Dev 3.344
Gaus mean : 44.3162
Gaus Width: 3.7795
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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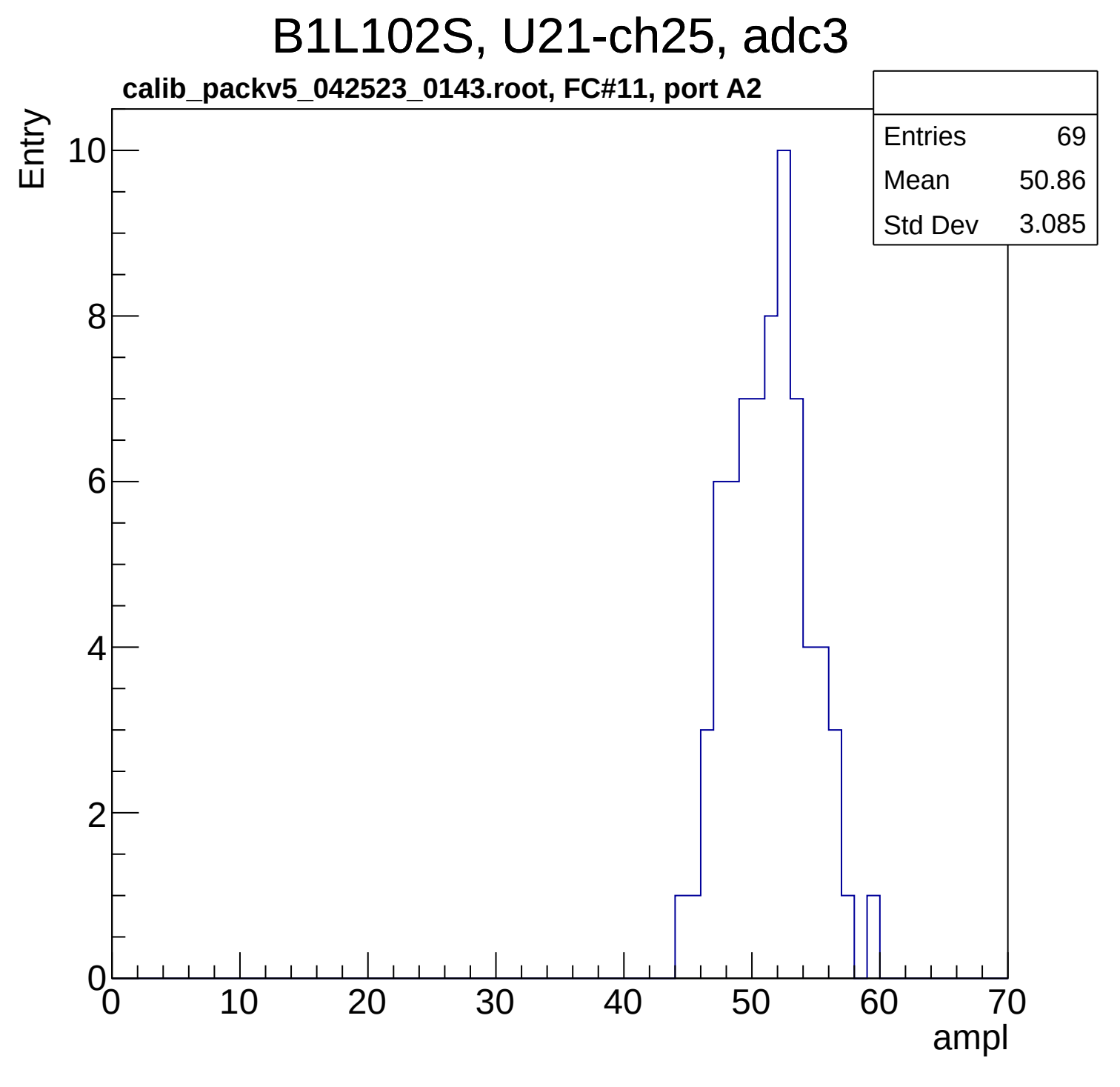
B1L102S, U21-ch25, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 50.86
Std Dev 3.085
Entry
ampl
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2
4
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8
10
0
10
20
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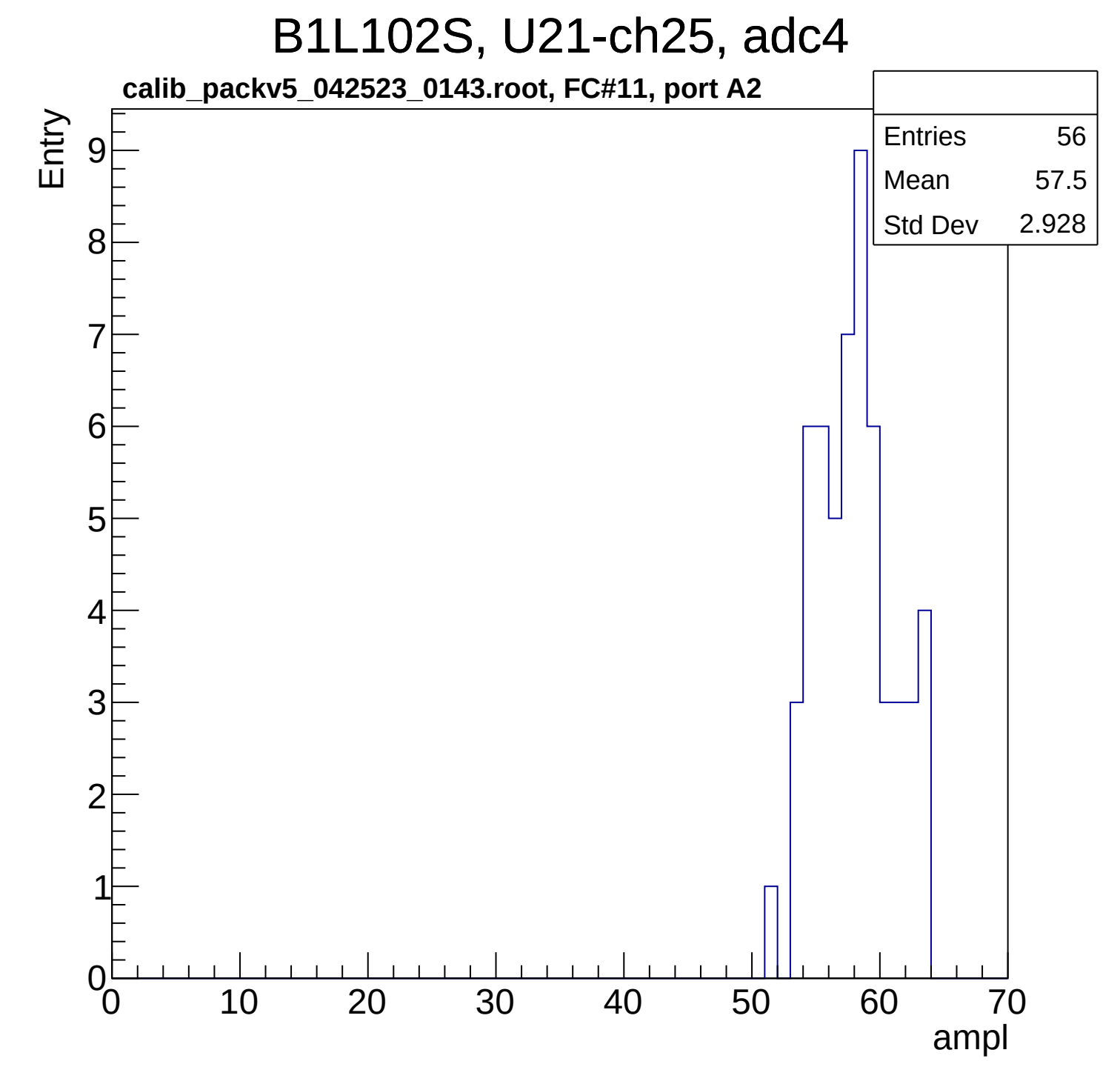
40
50
60
70


B1L102S, U21-ch25, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 57.5
Std Dev 2.928
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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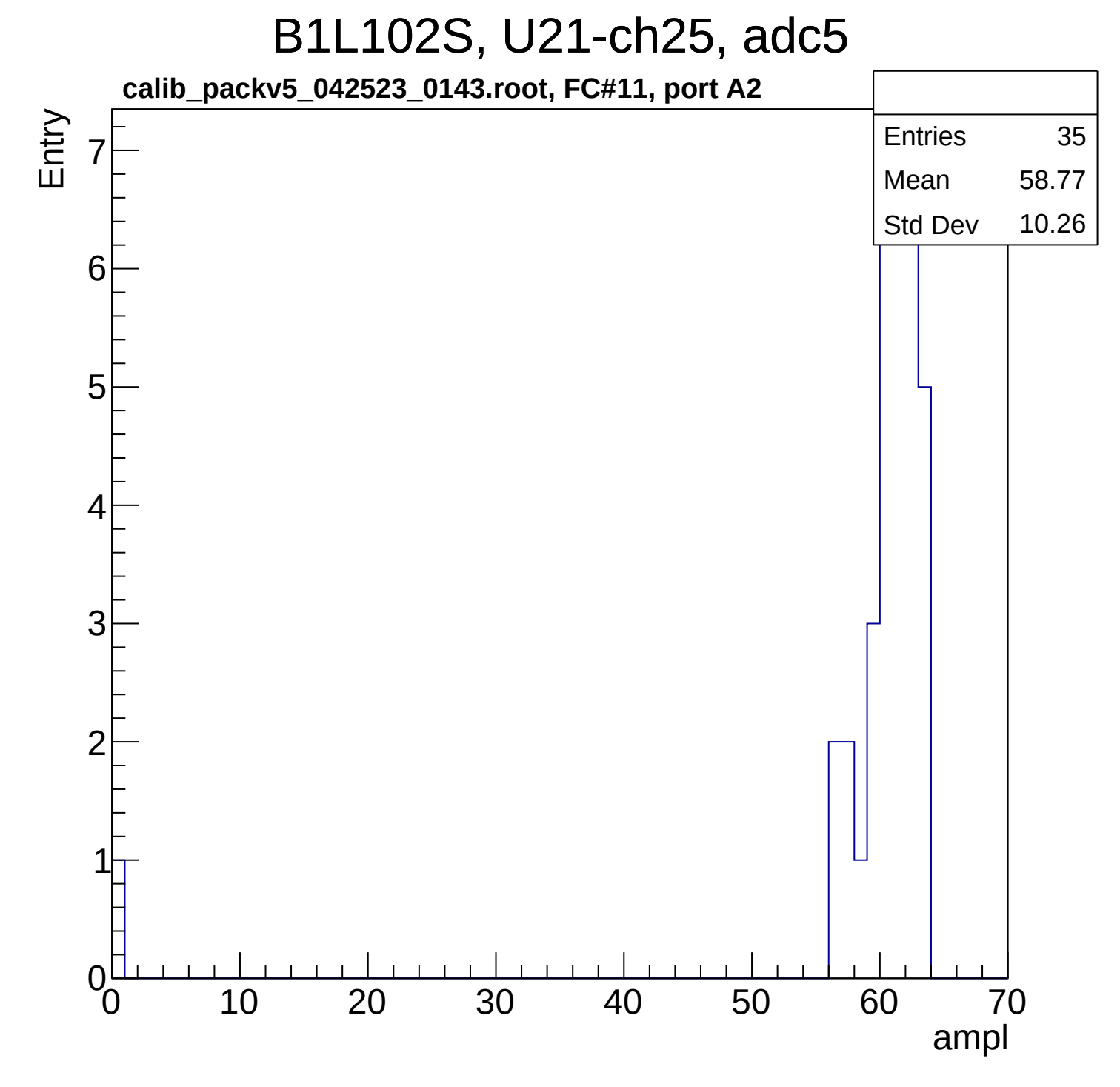
B1L102S, U21-ch25, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 35
Mean 58.77
Std Dev 10.26
Entry
ampl
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3
4
5
6
7
0
10
20
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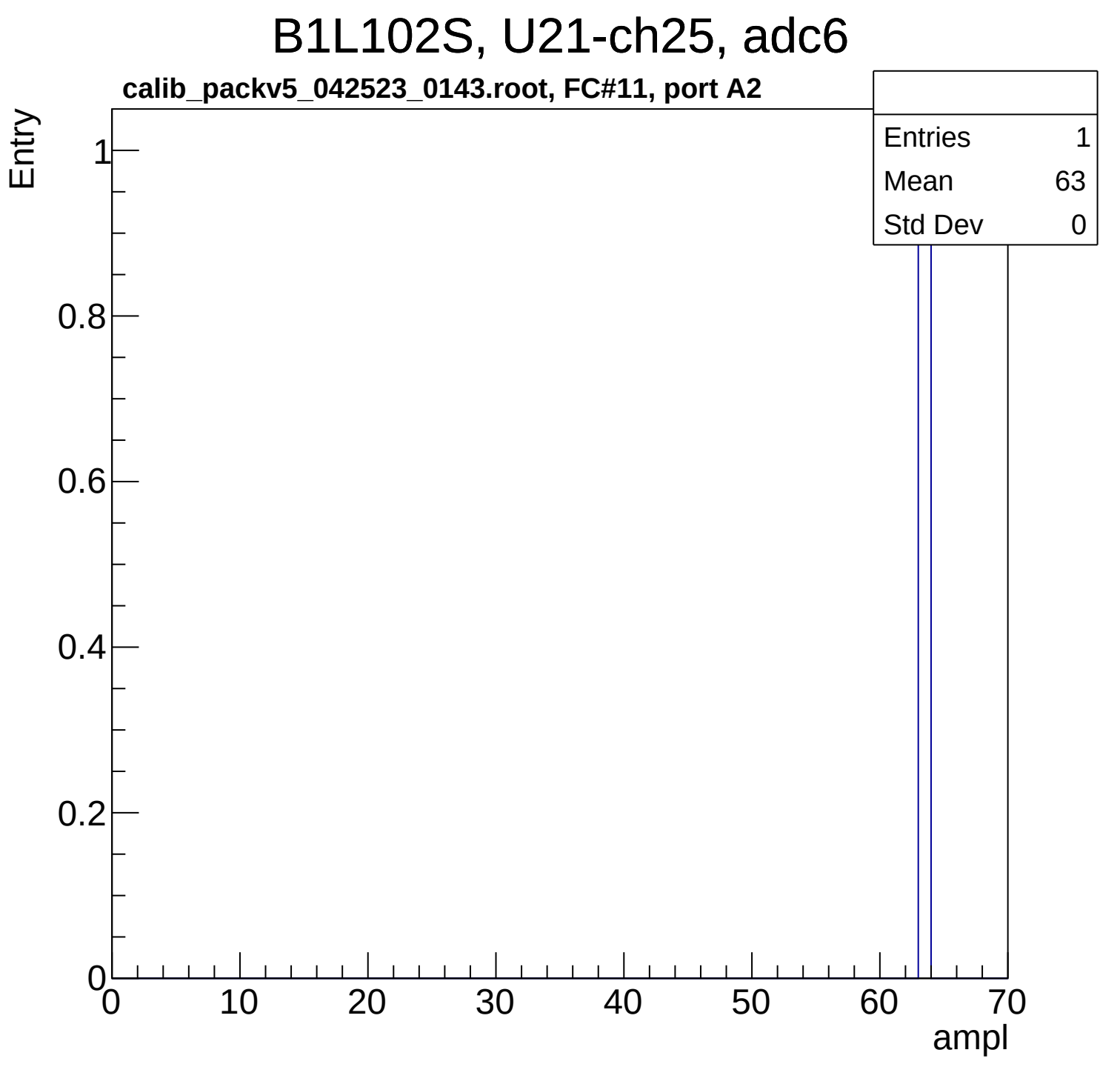
40
50
60
70


B1L102S, U21-ch25, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 63
Std Dev 0
Entry
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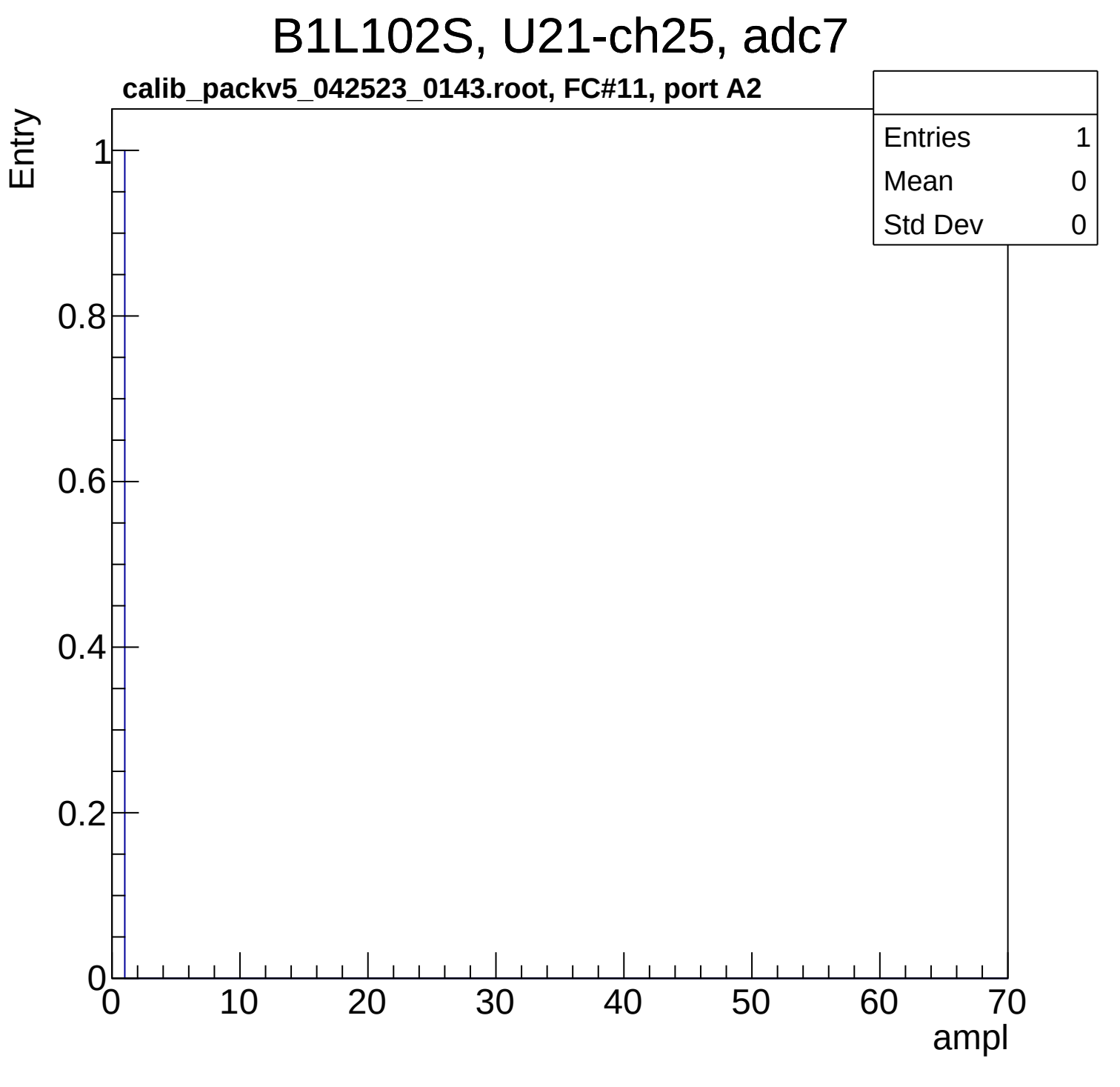
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch25, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
0
0
10
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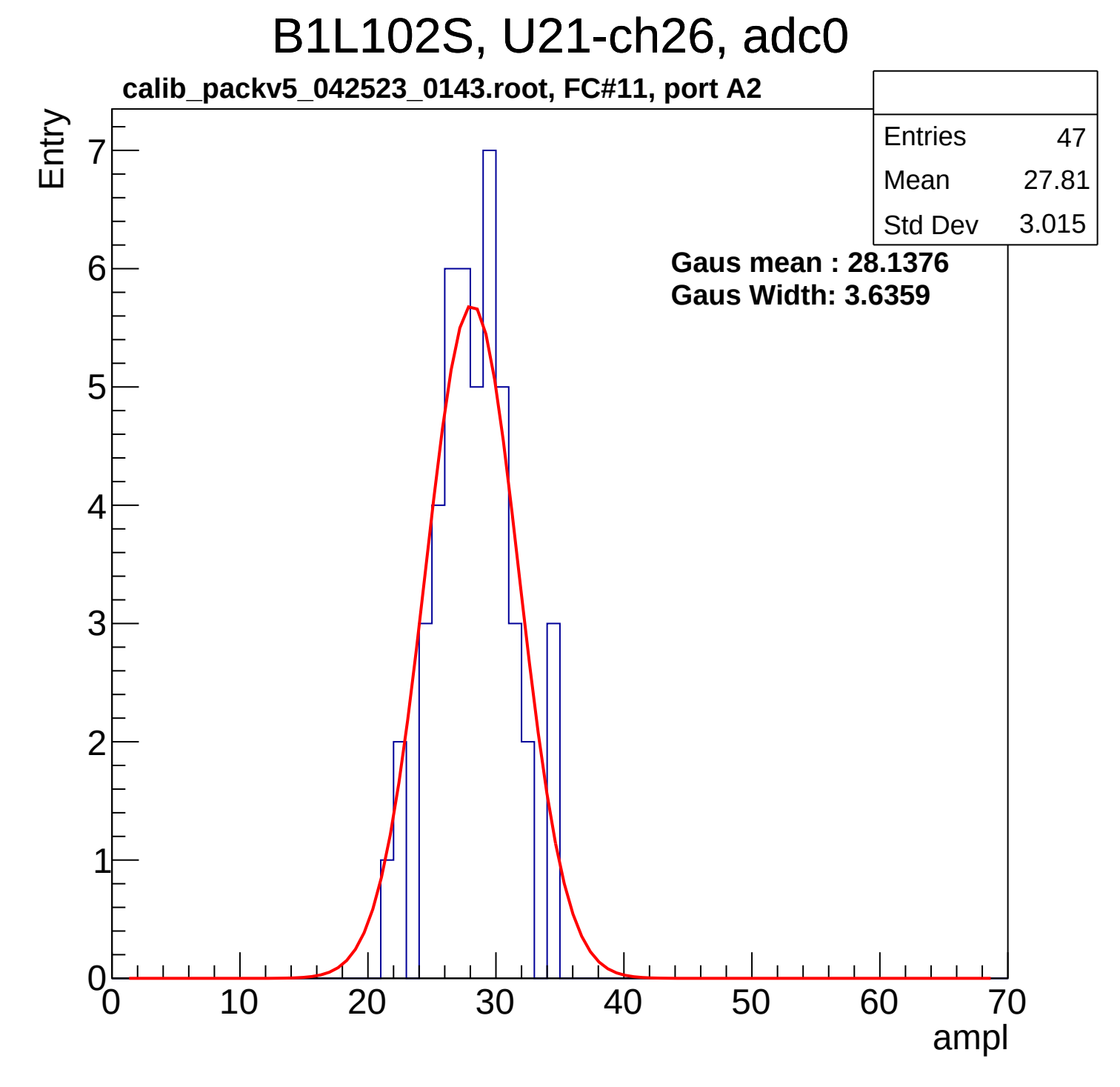
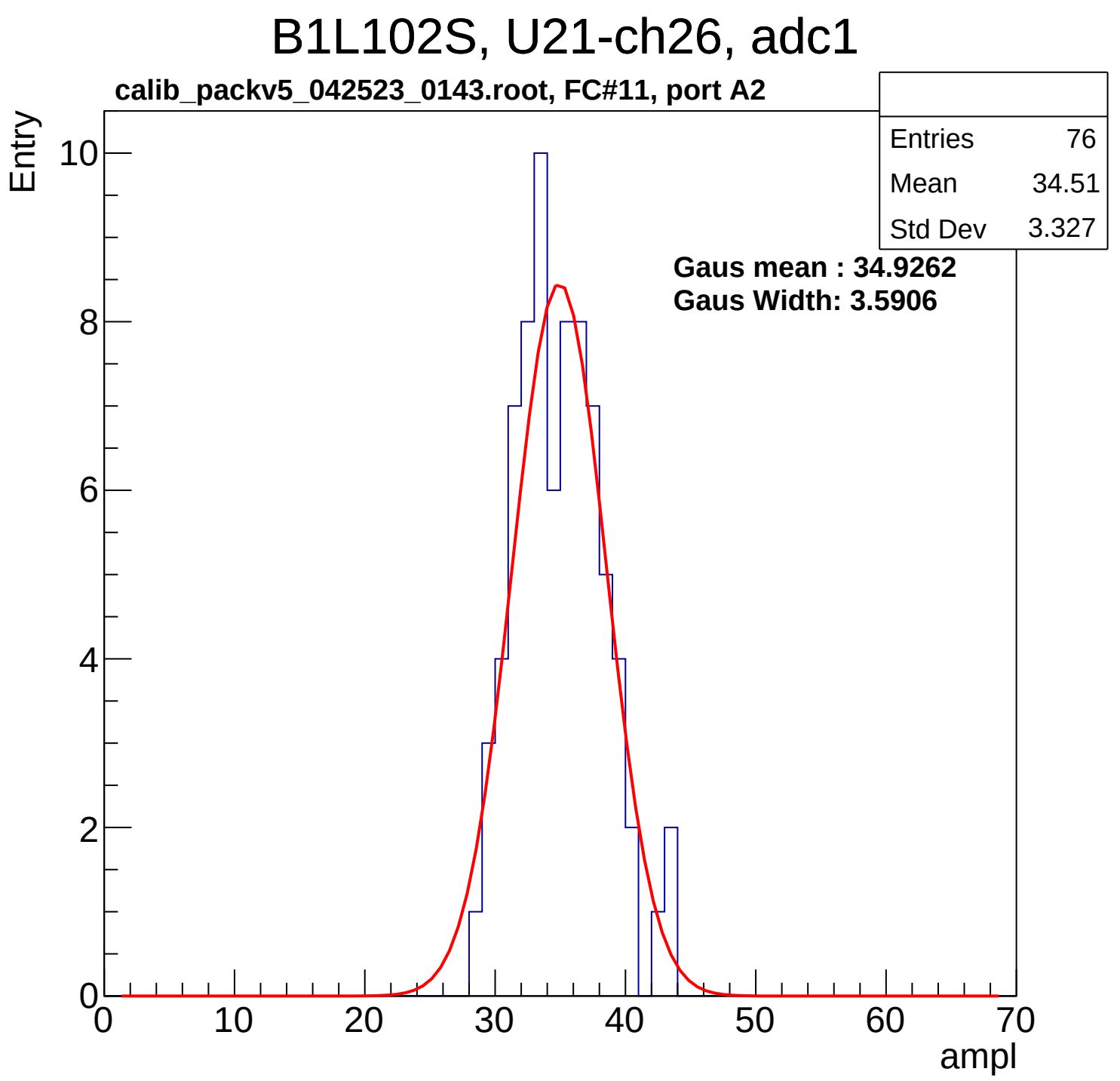
30
40
50
60
70
ampl


B1L102S, U21-ch26, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 47
Mean 27.81
Std Dev 3.015
Gaus mean : 28.1376
Gaus Width: 3.6359
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch26, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 76
Mean 34.51
Std Dev 3.327
Gaus mean : 34.9262
Gaus Width: 3.5906
Entry
ampl
0
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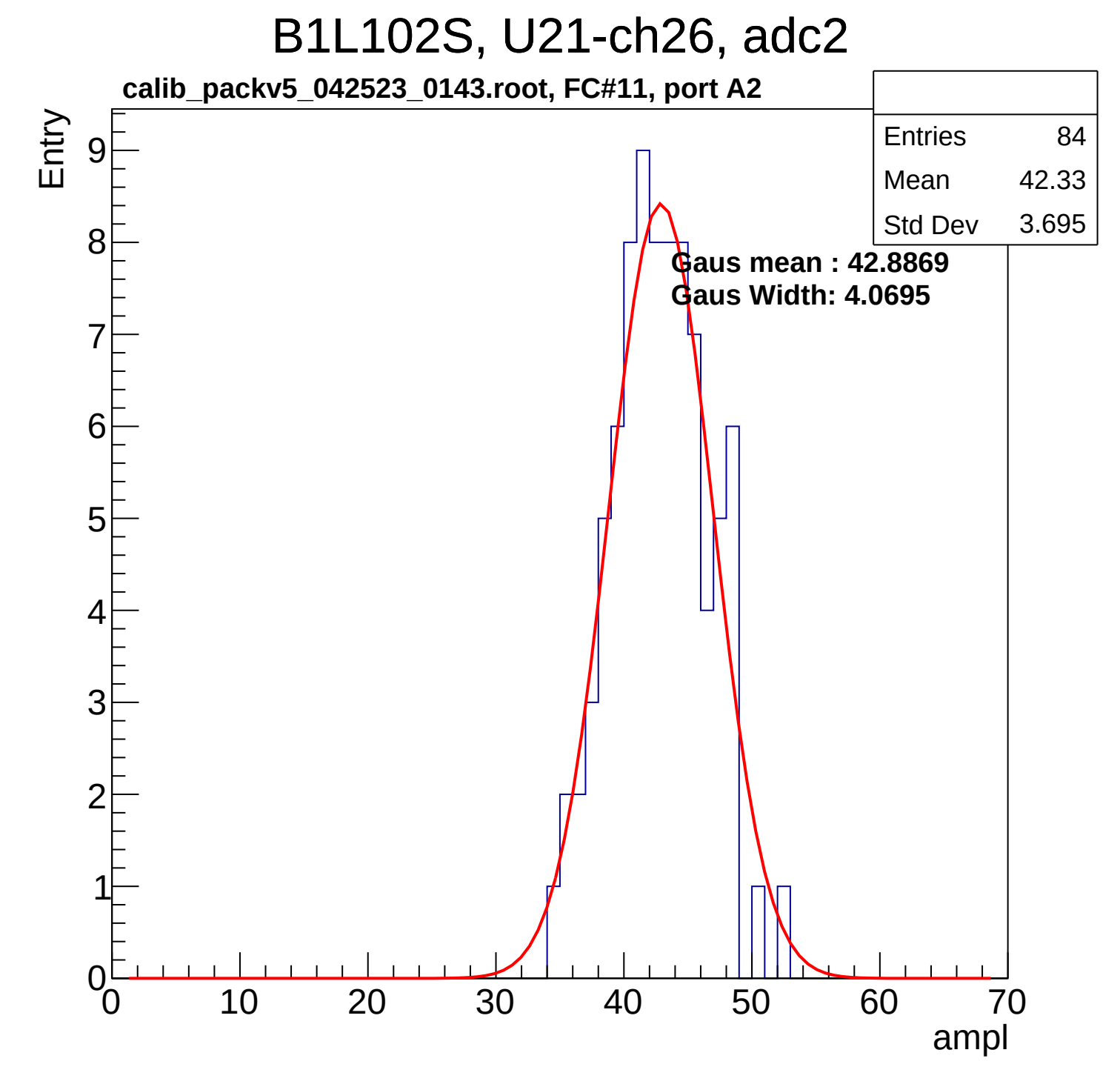
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch26, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 84
Mean 42.33
Std Dev 3.695
Gaus mean : 42.8869
Gaus Width: 4.0695
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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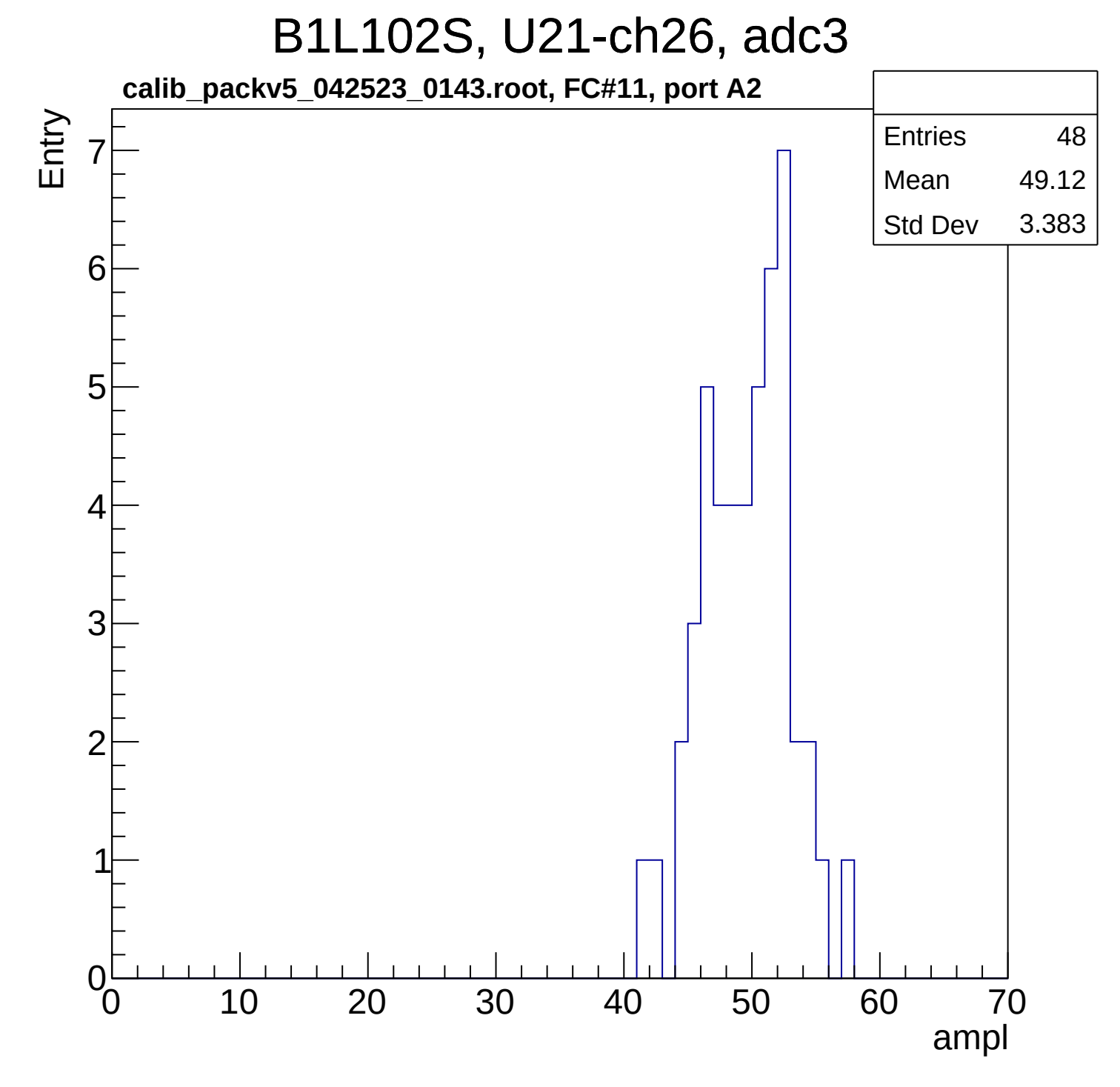
B1L102S, U21-ch26, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 48
Mean 49.12
Std Dev 3.383
Entry
ampl
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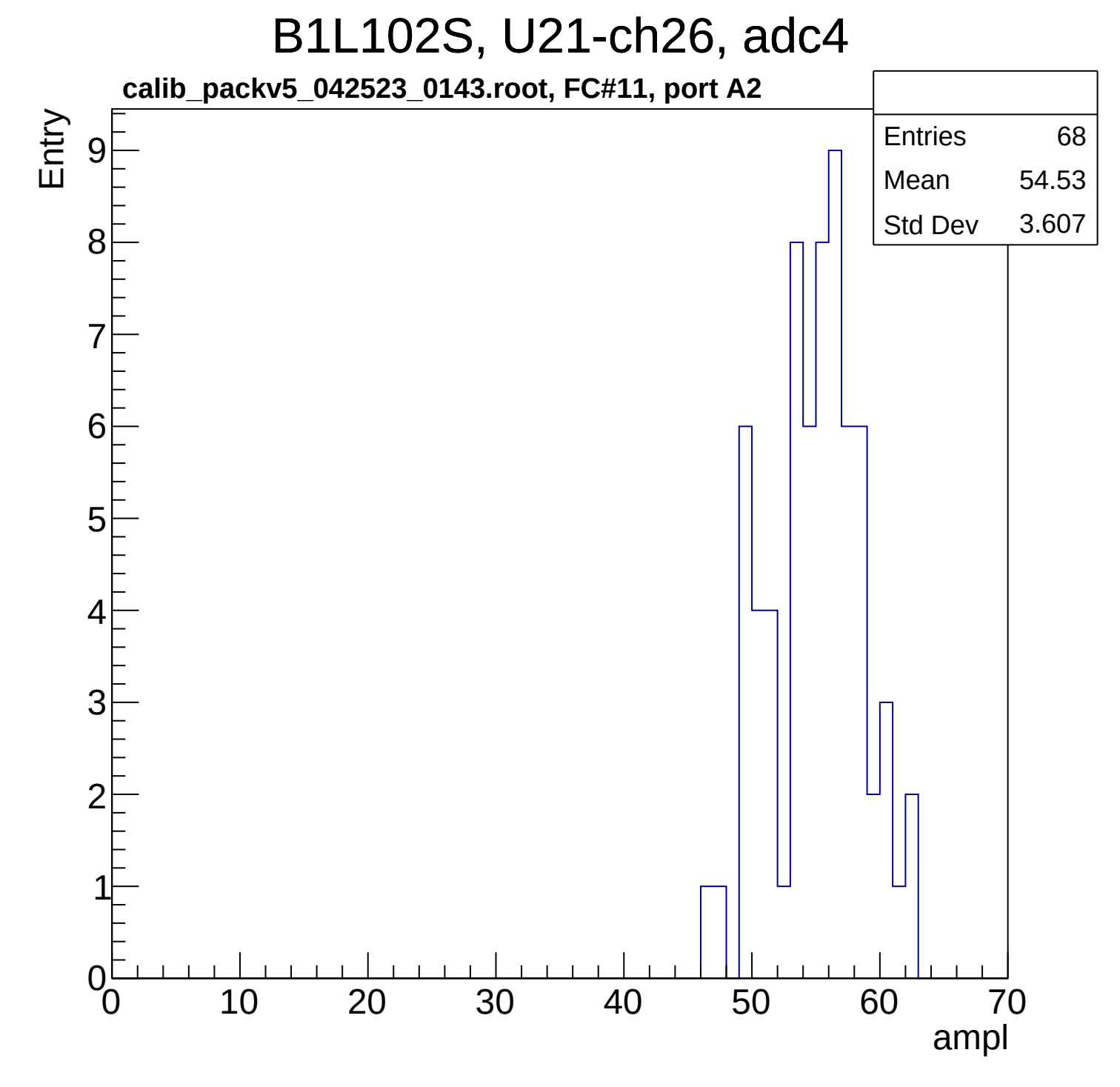
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch26, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 54.53
Std Dev 3.607
Entry
ampl
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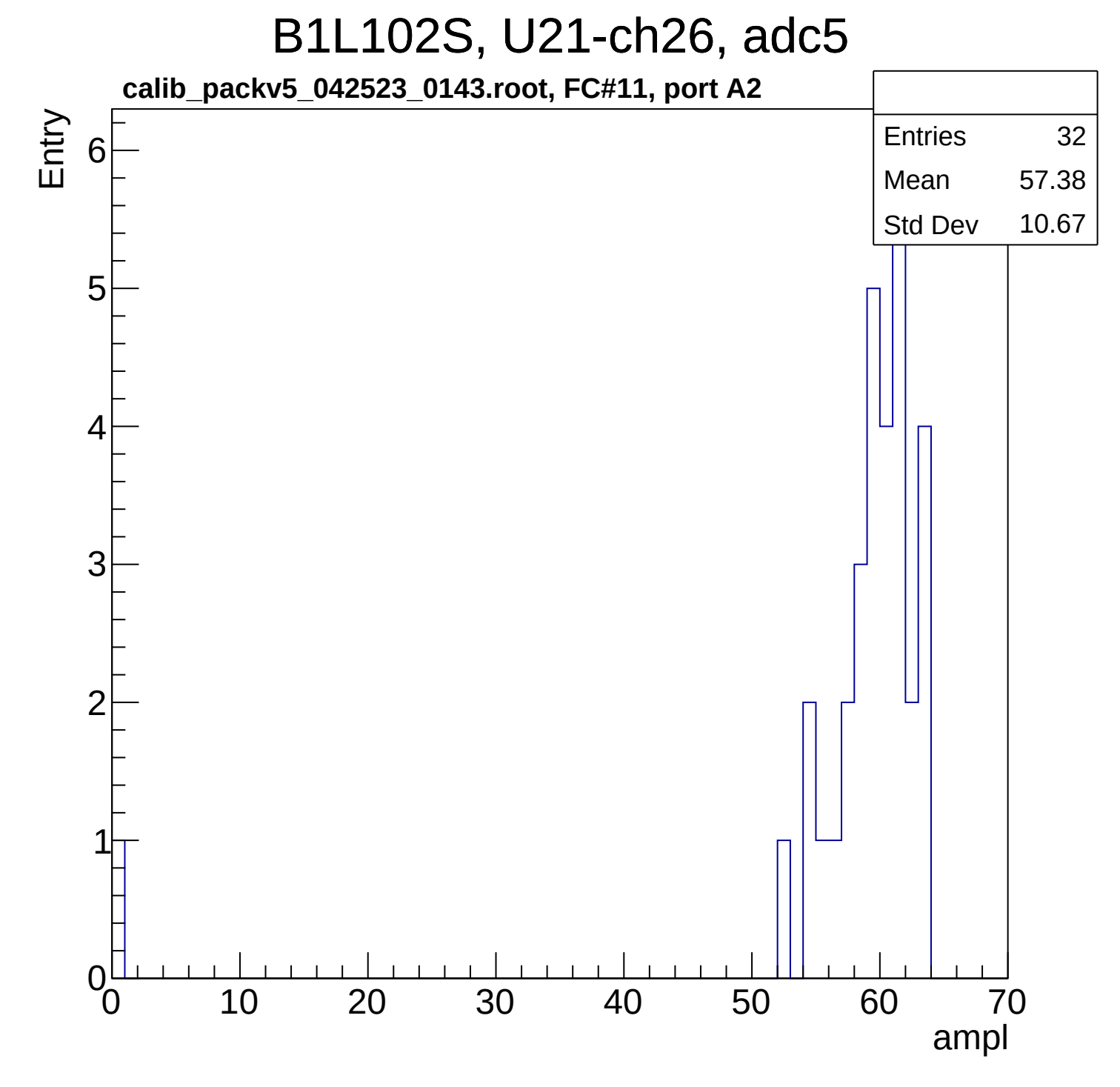
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch26, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 32
Mean 57.38
Std Dev 10.67
Entry
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2
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4
5
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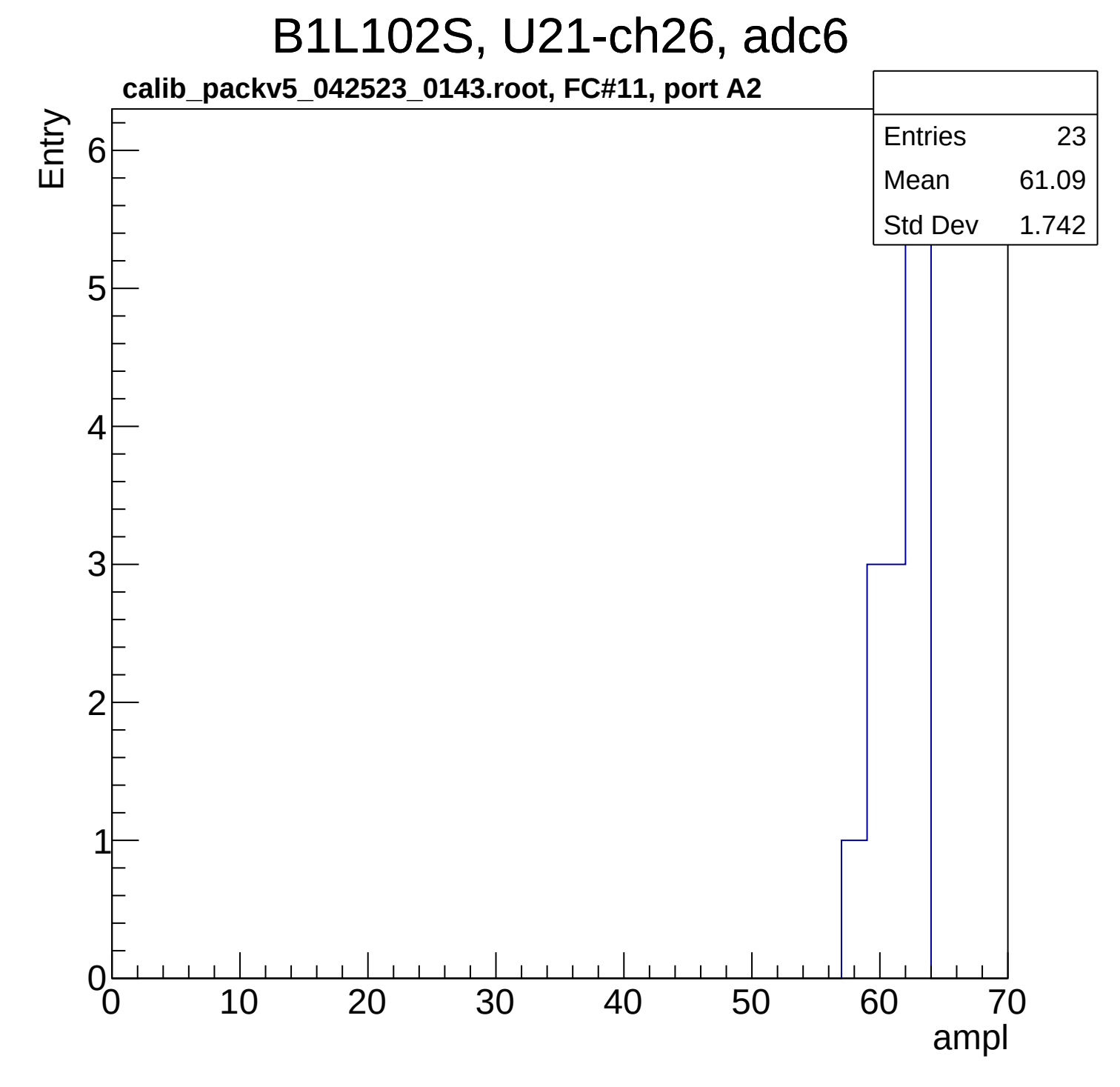
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch26, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 23
Mean 61.09
Std Dev 1.742
Entry
ampl
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1
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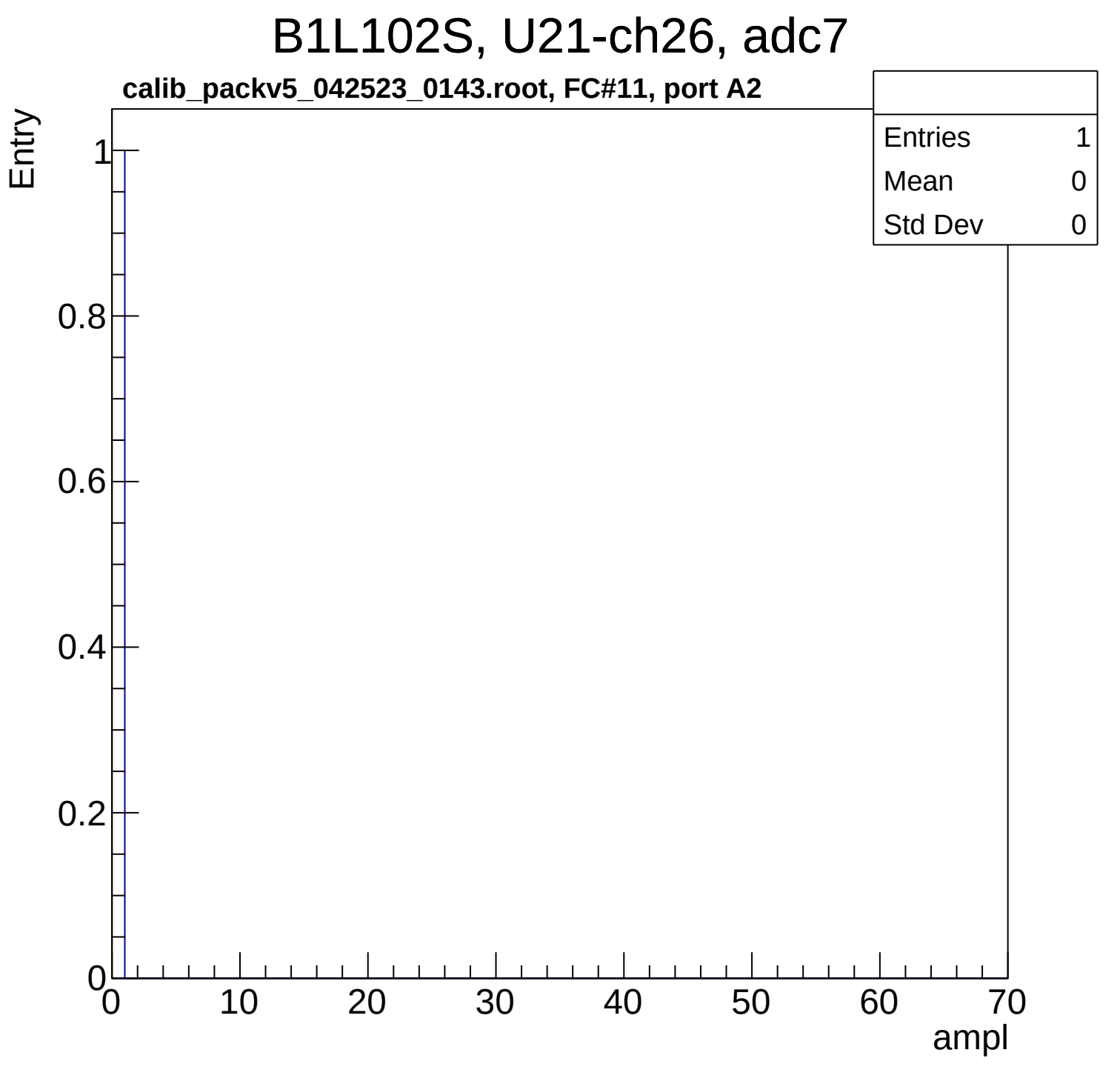
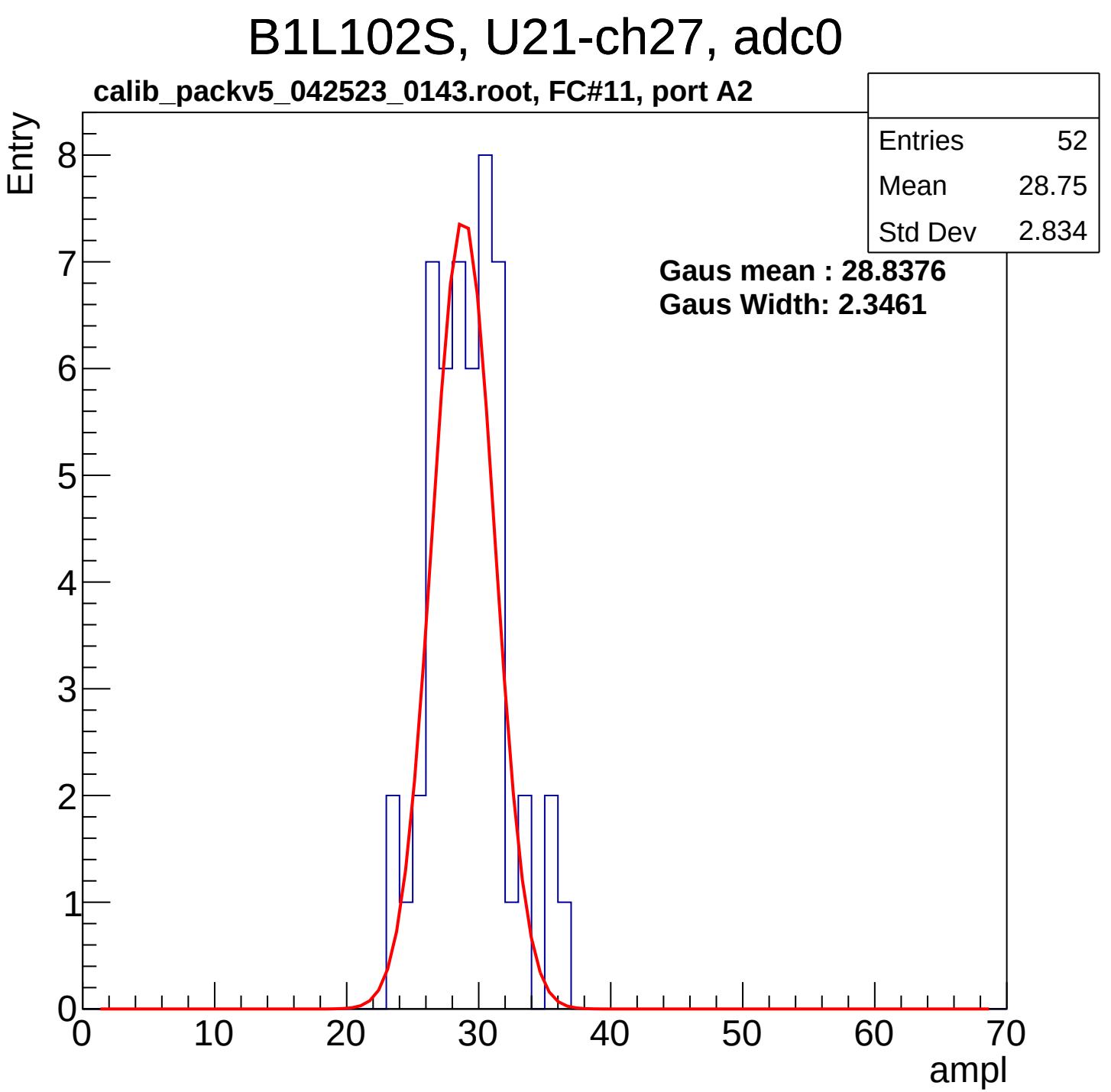
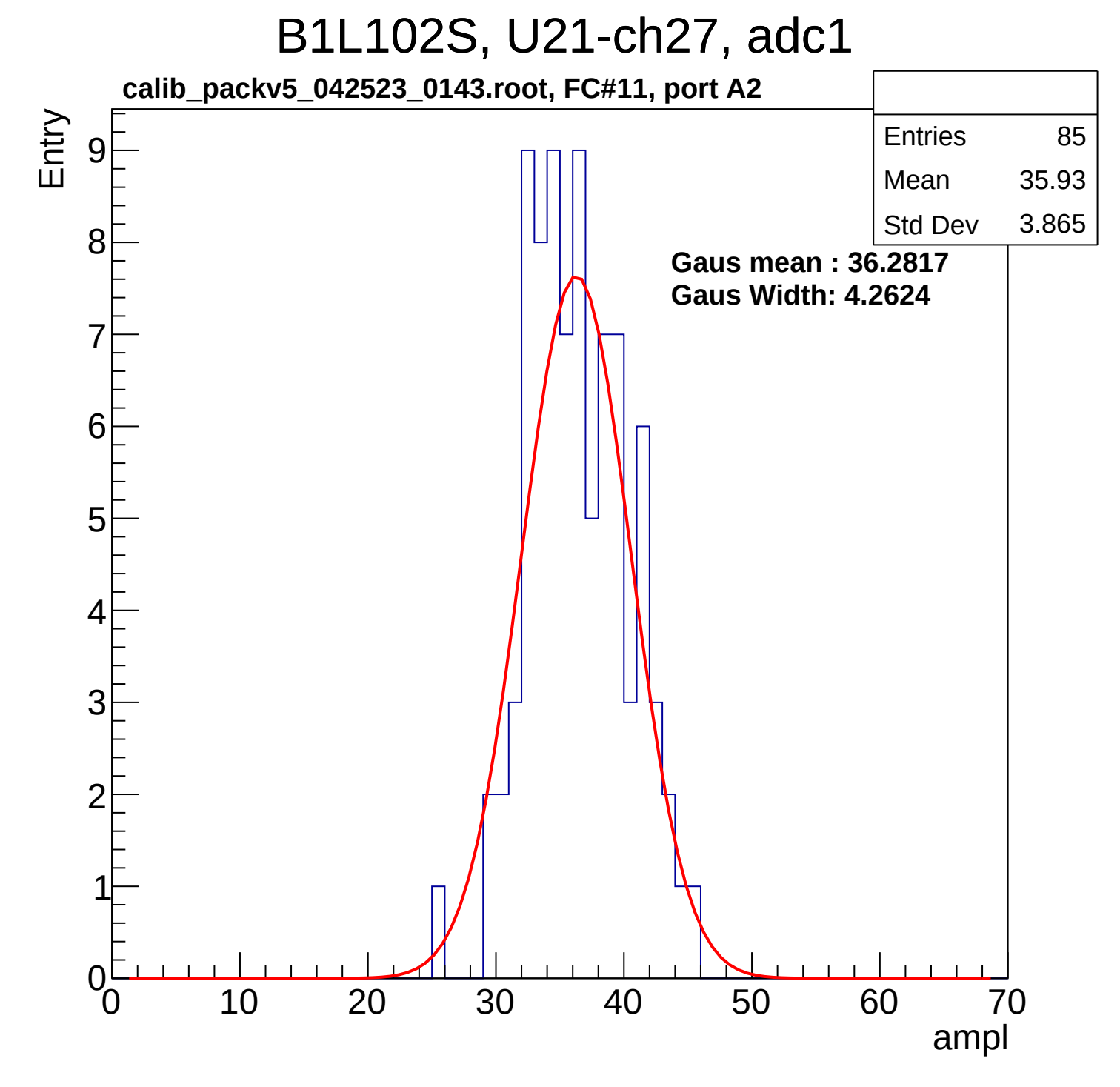
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U21-ch26, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch27, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 28.75
Std Dev 2.834
Gaus mean : 28.8376
Gaus Width: 2.3461
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch27, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 85
Mean 35.93
Std Dev 3.865
Gaus mean : 36.2817
Gaus Width: 4.2624
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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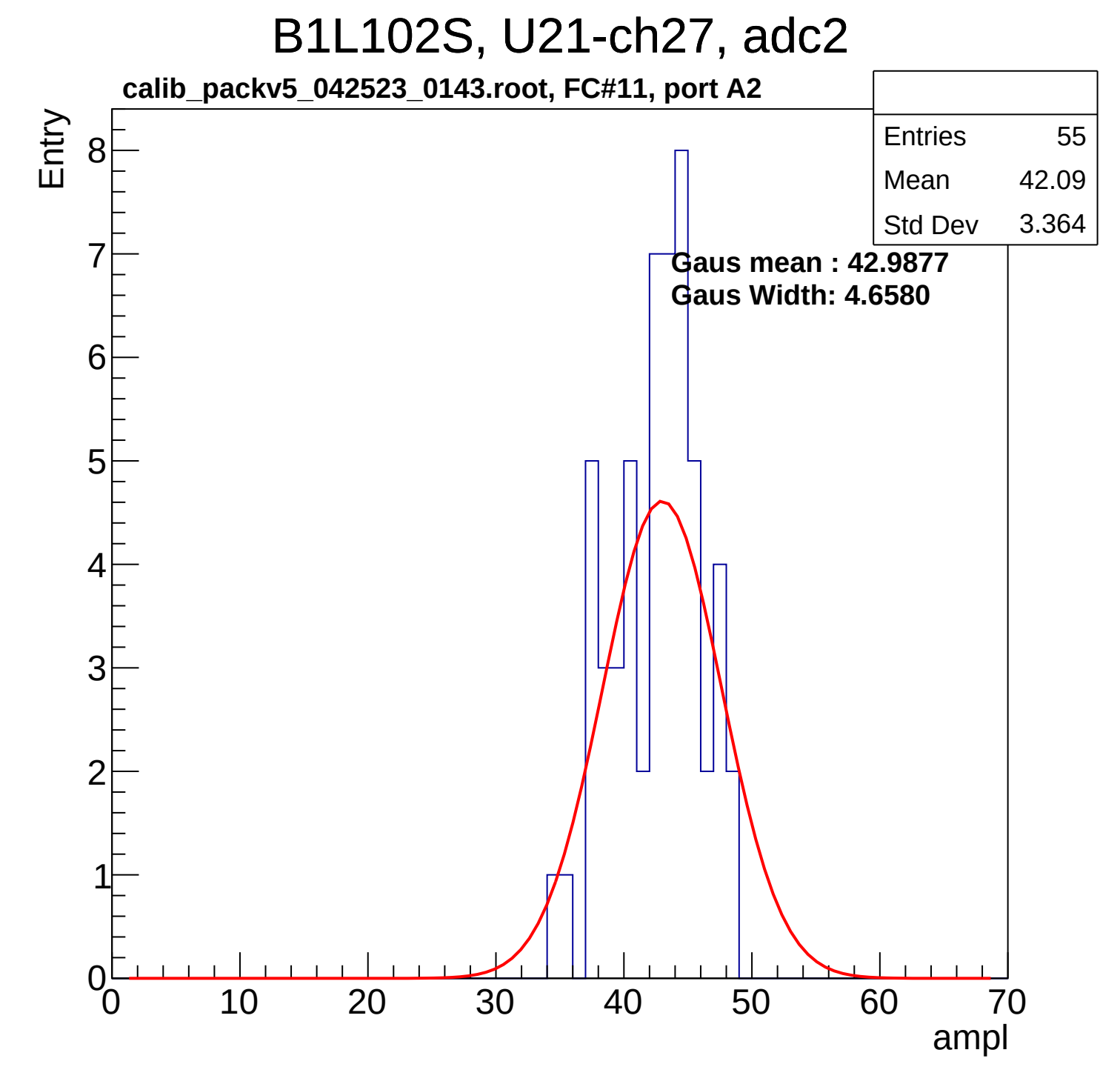
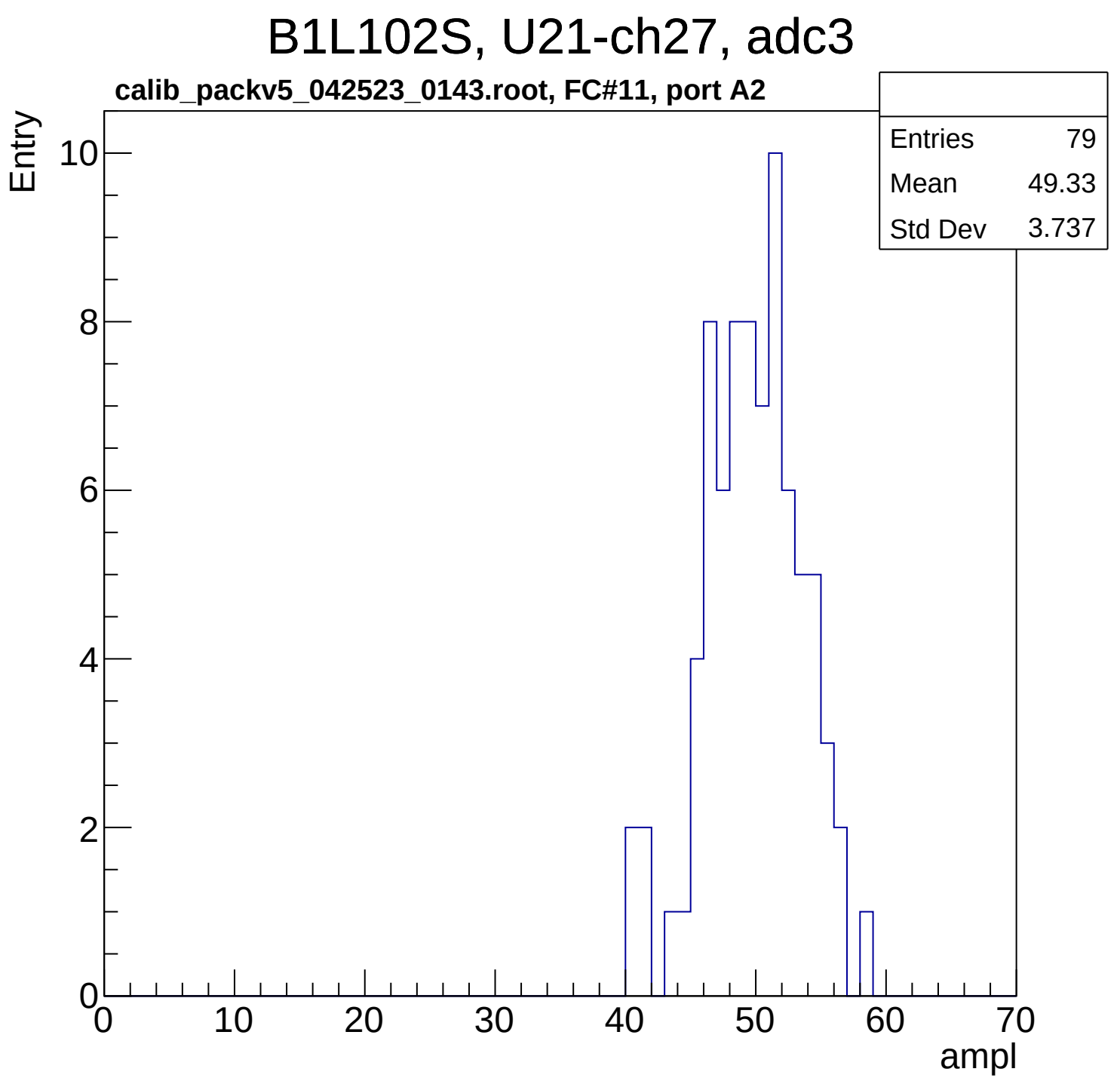
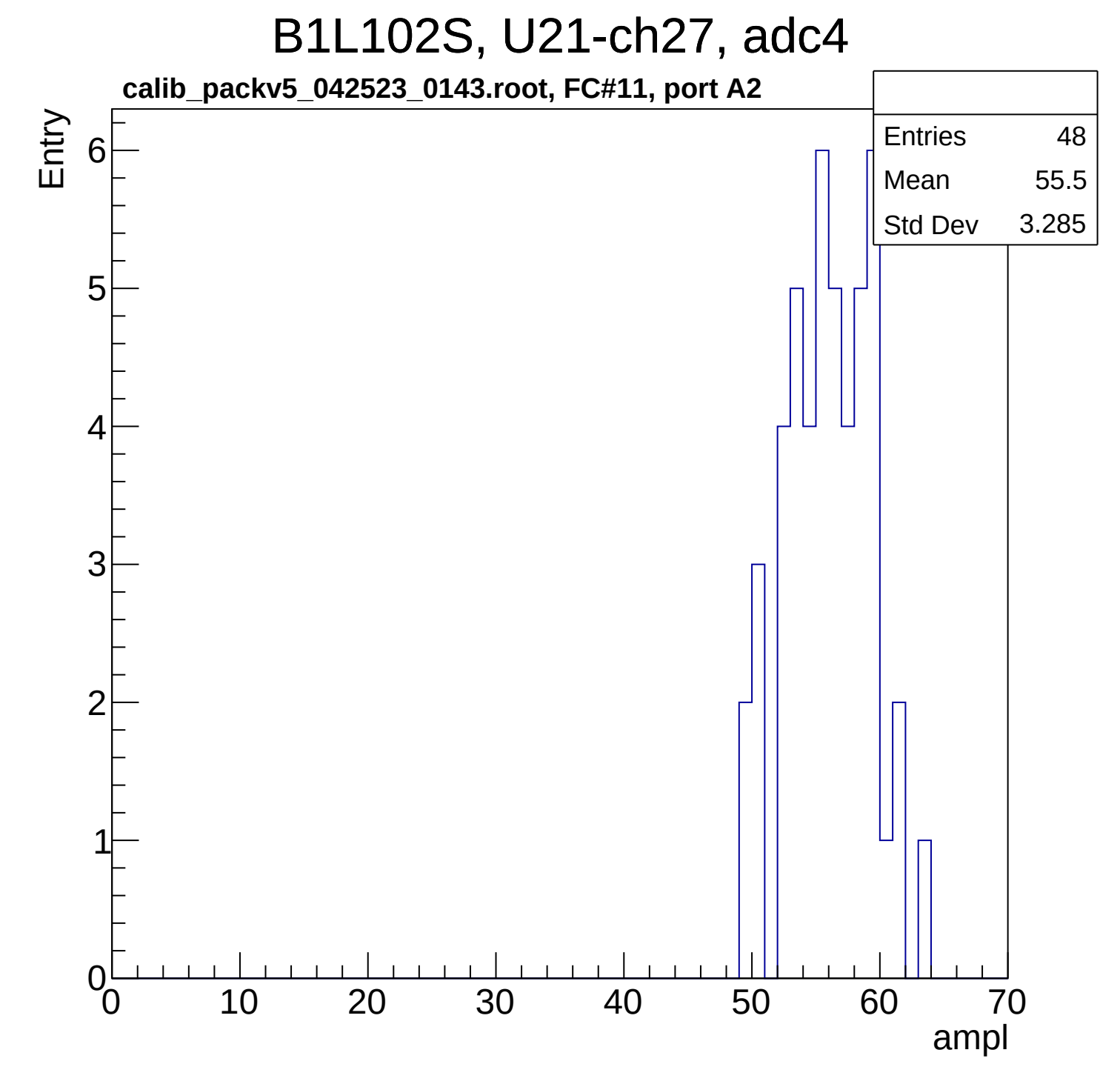
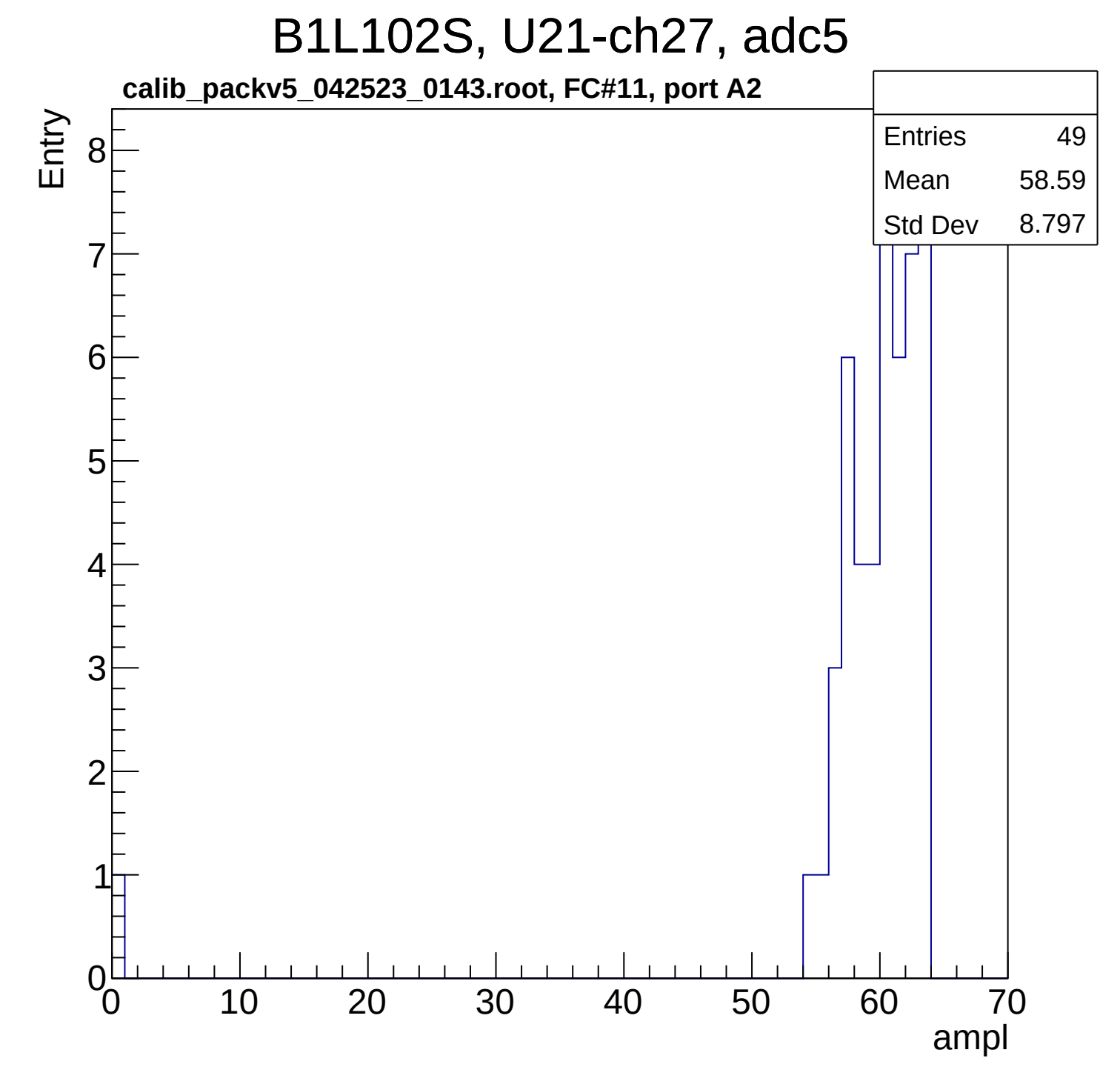
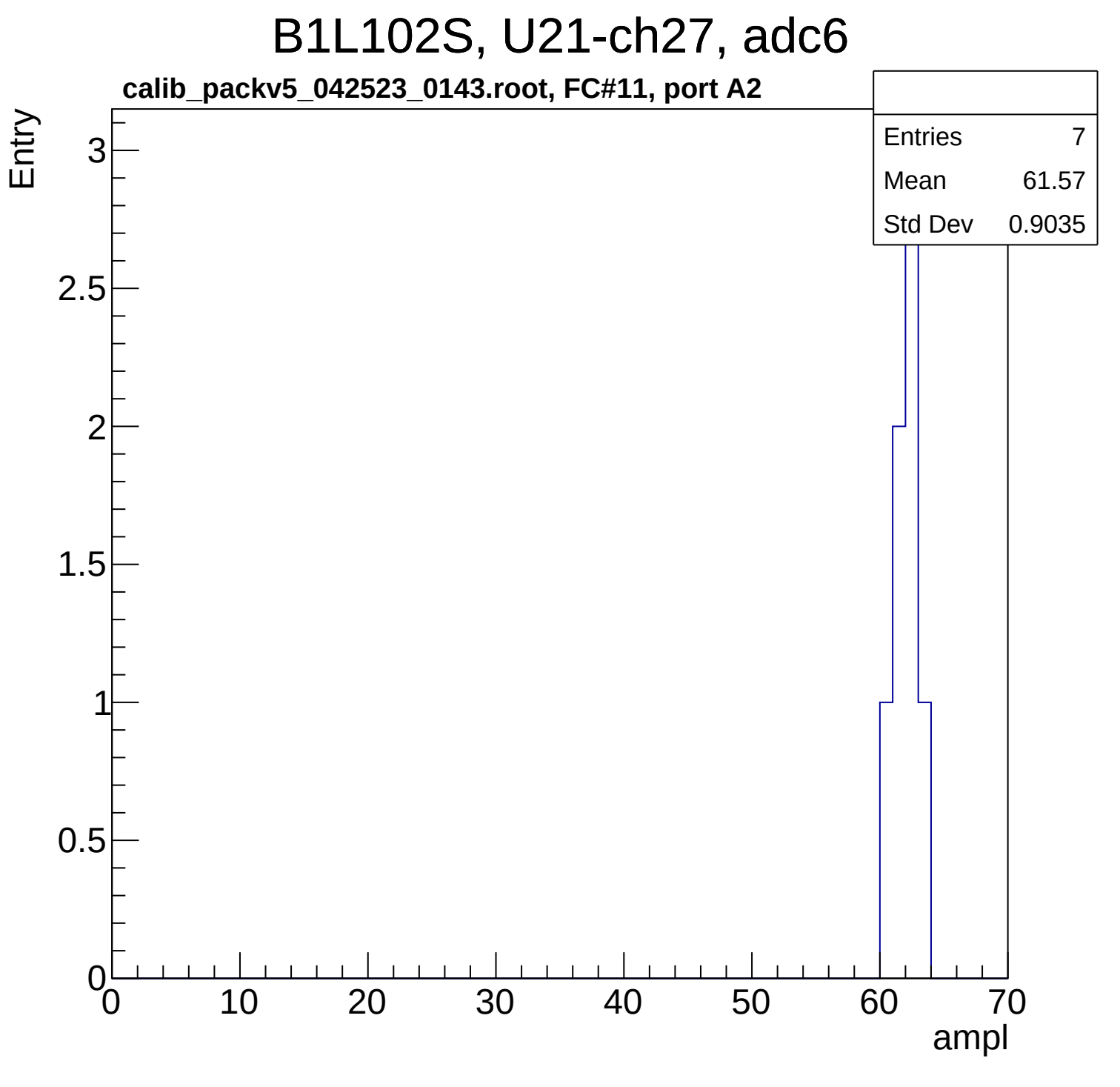
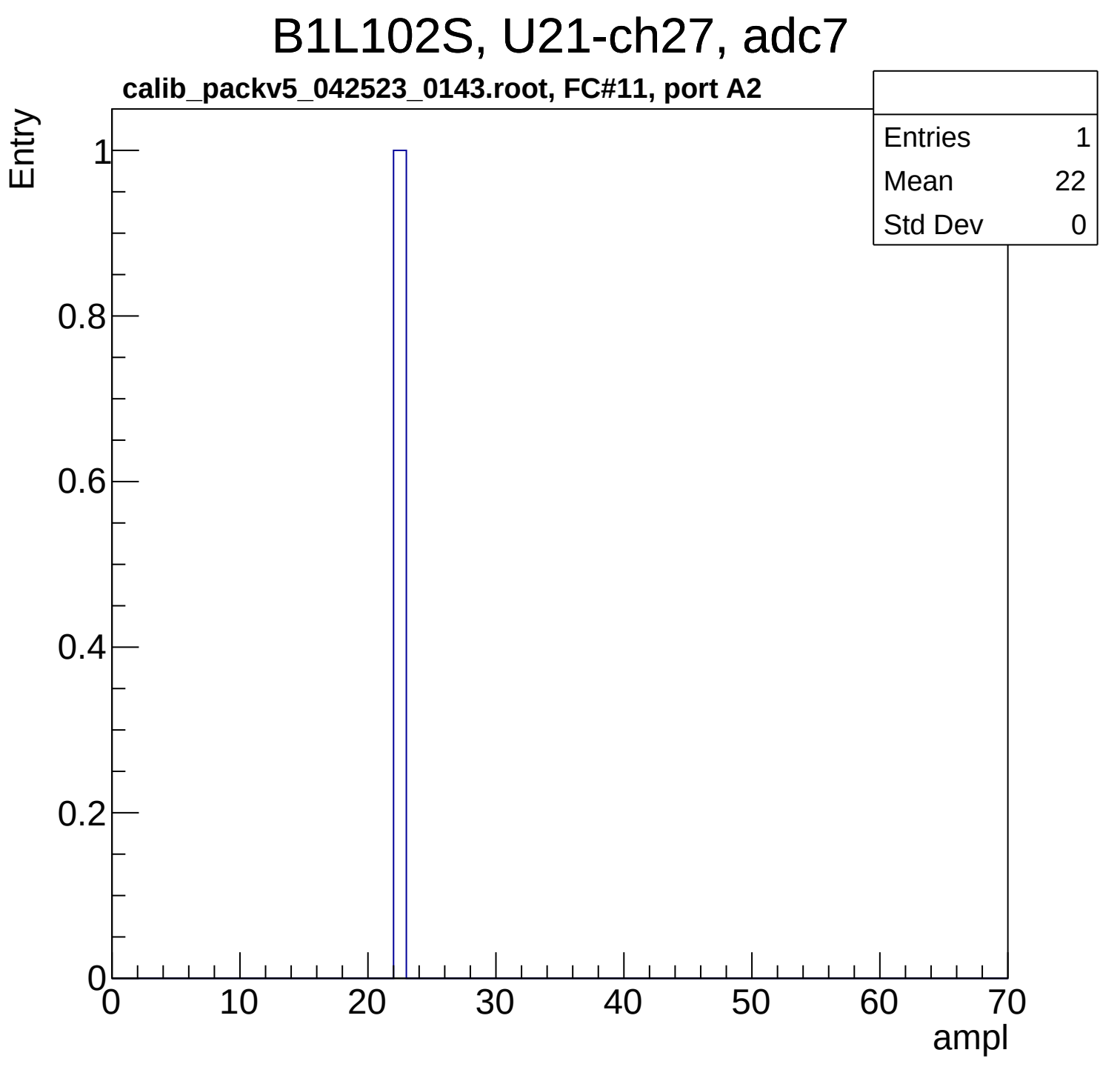

B1L102S, U21-ch27, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 42.09
Std Dev 3.364
Gaus mean : 42.9877
Gaus Width: 4.6580
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

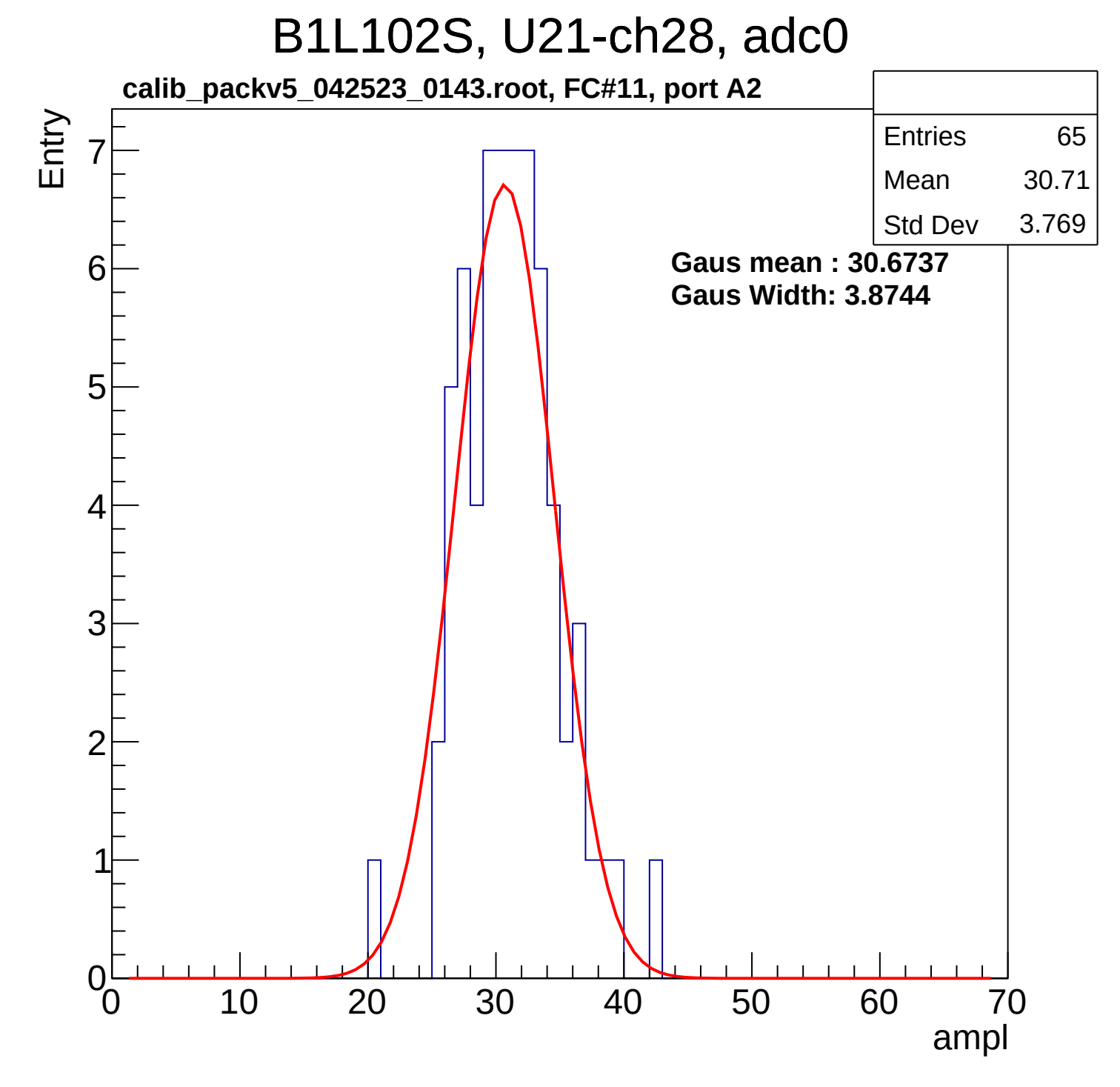

B1L102S, U21-ch27, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 49.33
Std Dev 3.737
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

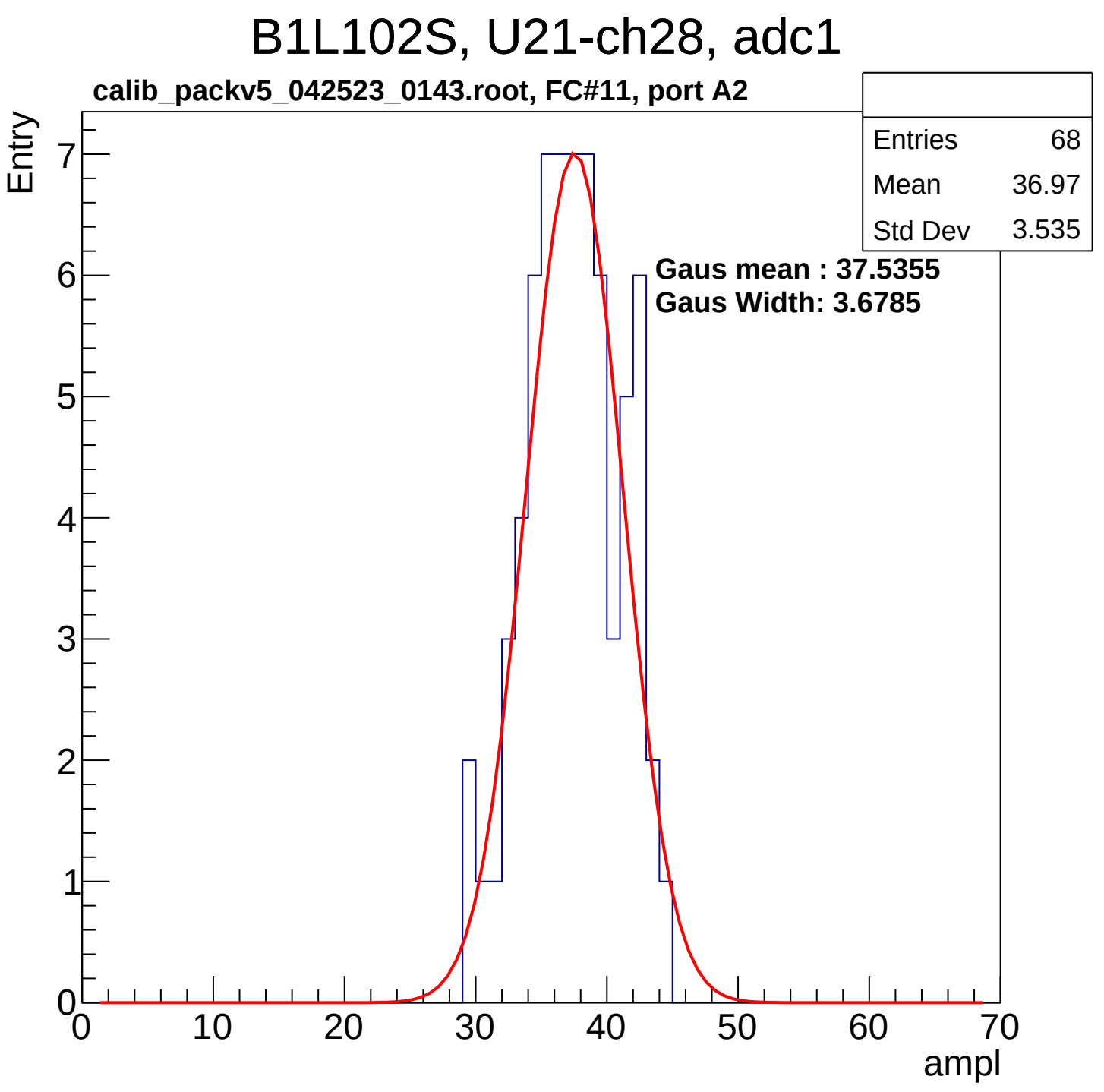

B1L102S, U21-ch27, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 48
Mean 55.5
Std Dev 3.285
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

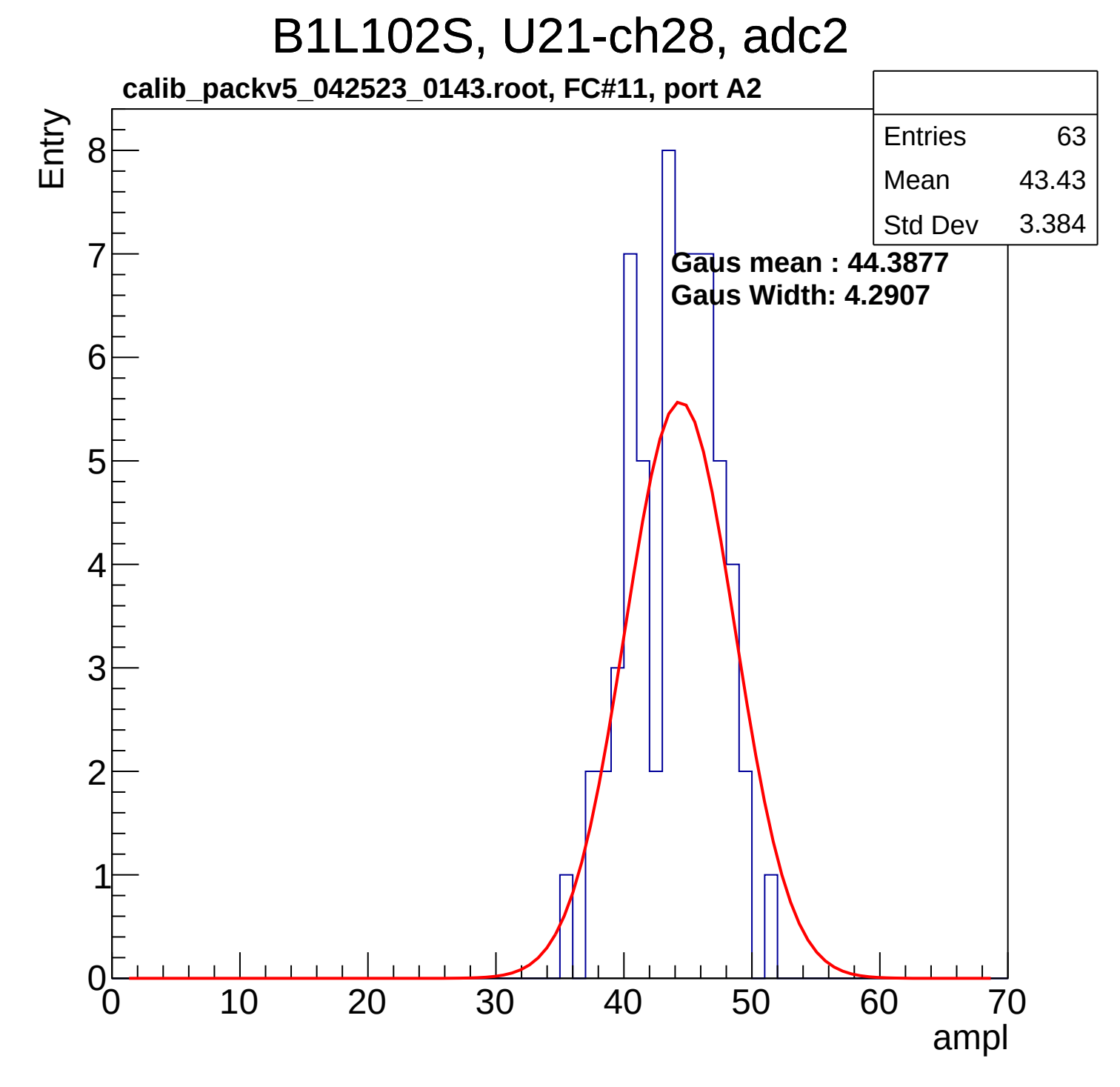

B1L102S, U21-ch27, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 58.59
Std Dev 8.797
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

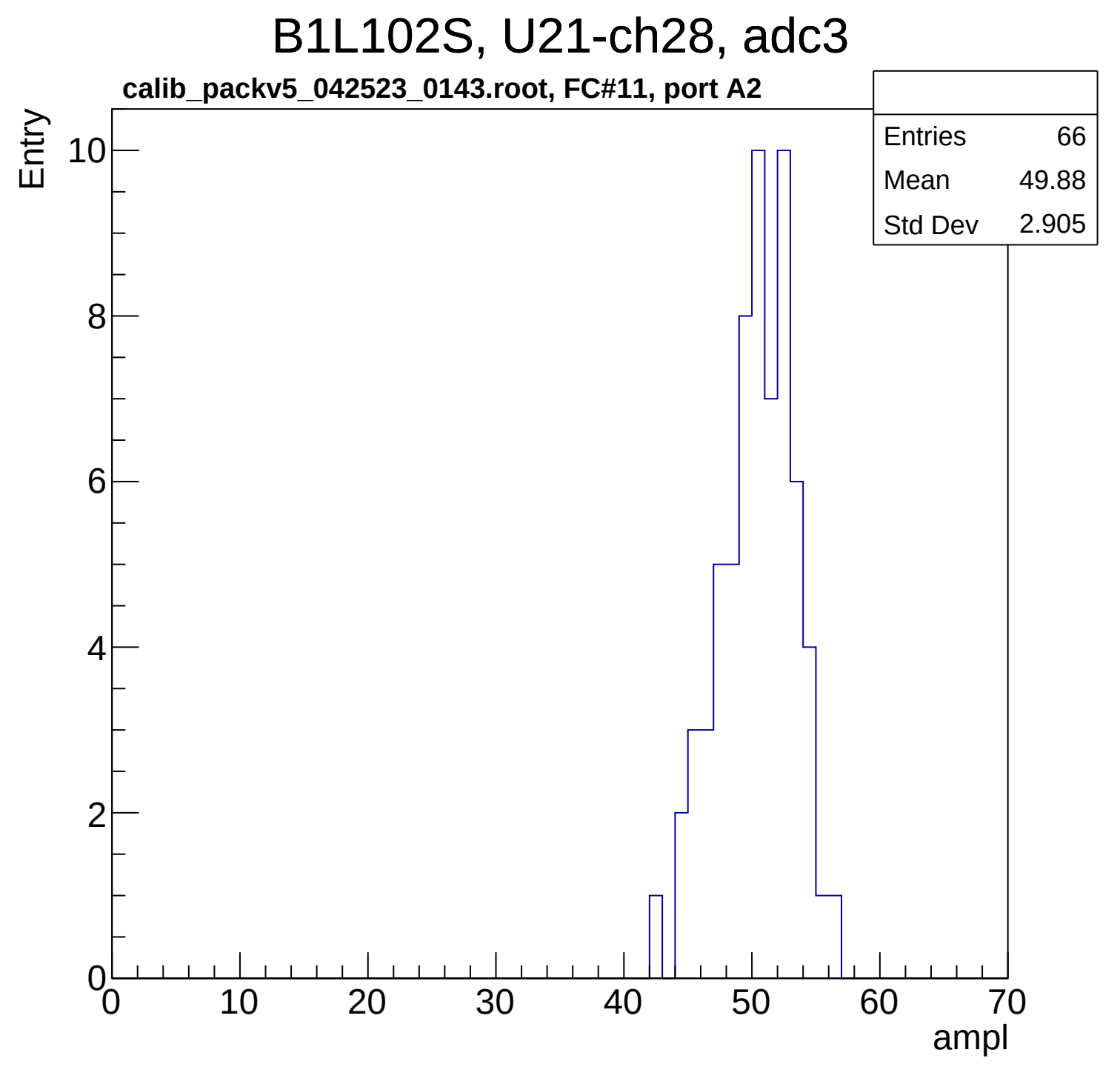

B1L102S, U21-ch27, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 7
Mean 61.57
Std Dev 0.9035
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

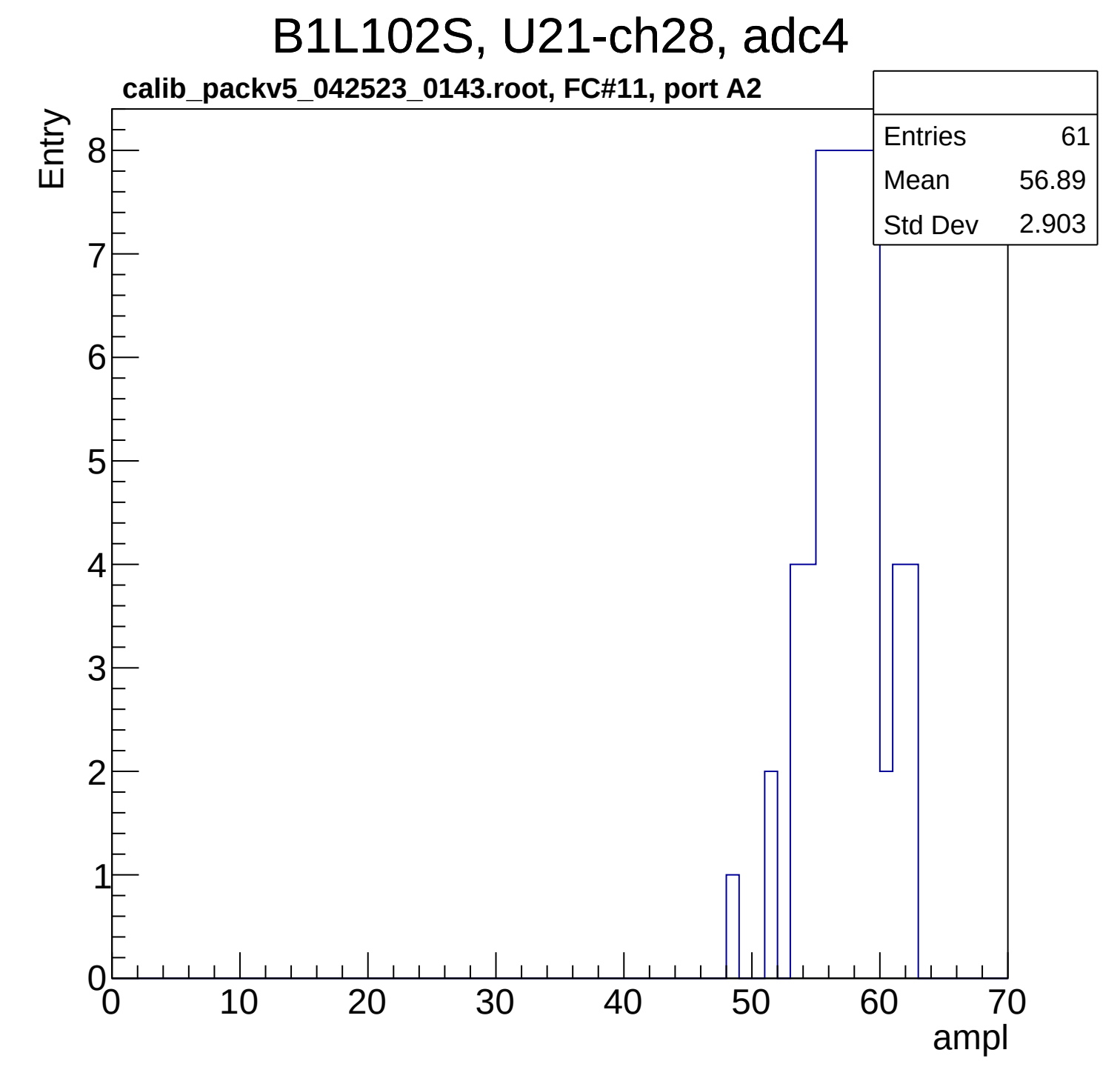

B1L102S, U21-ch27, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 22
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

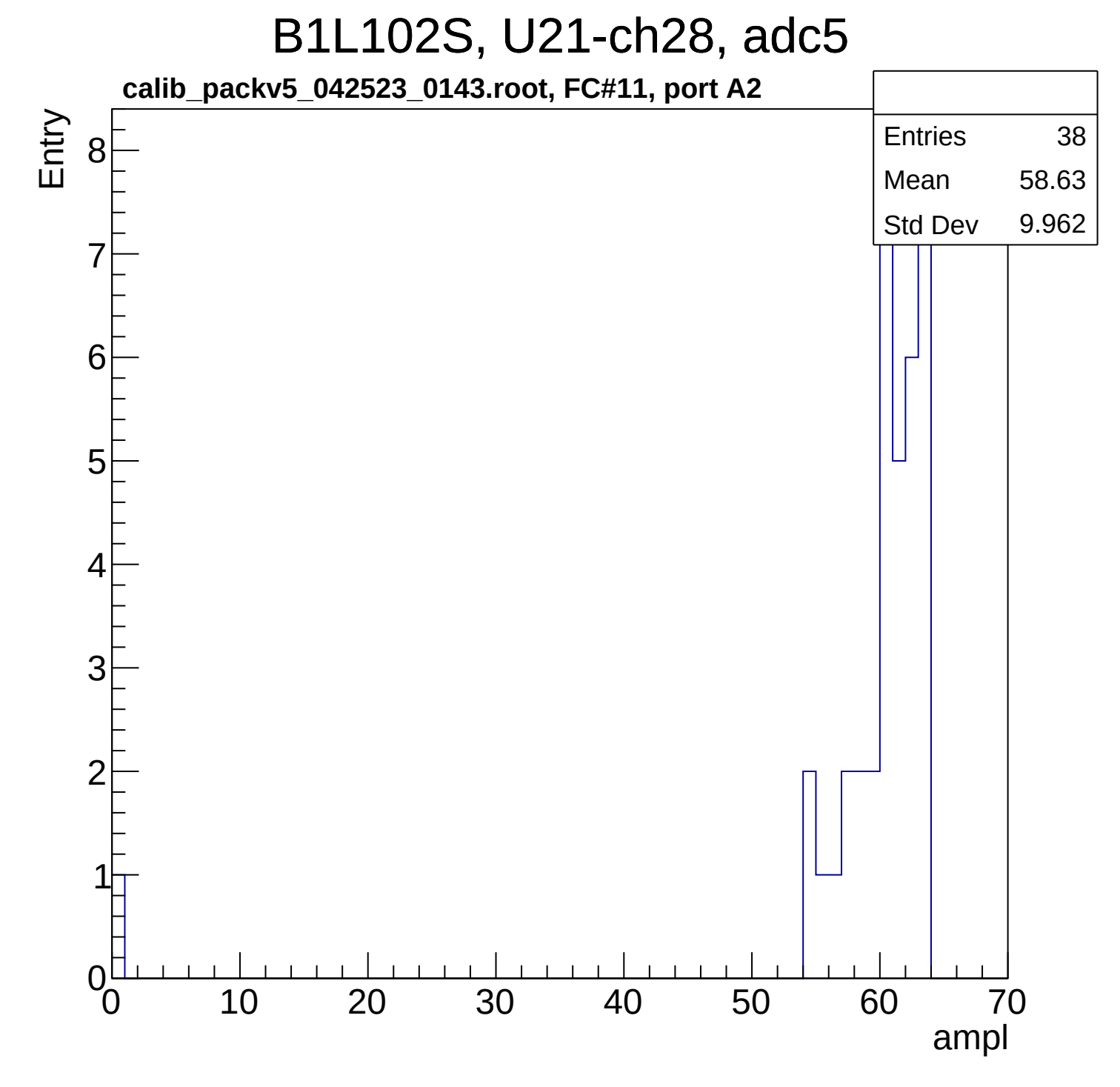

B1L102S, U21-ch28, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 30.71
Std Dev 3.769
Gaus mean : 30.6737
Gaus Width: 3.8744
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

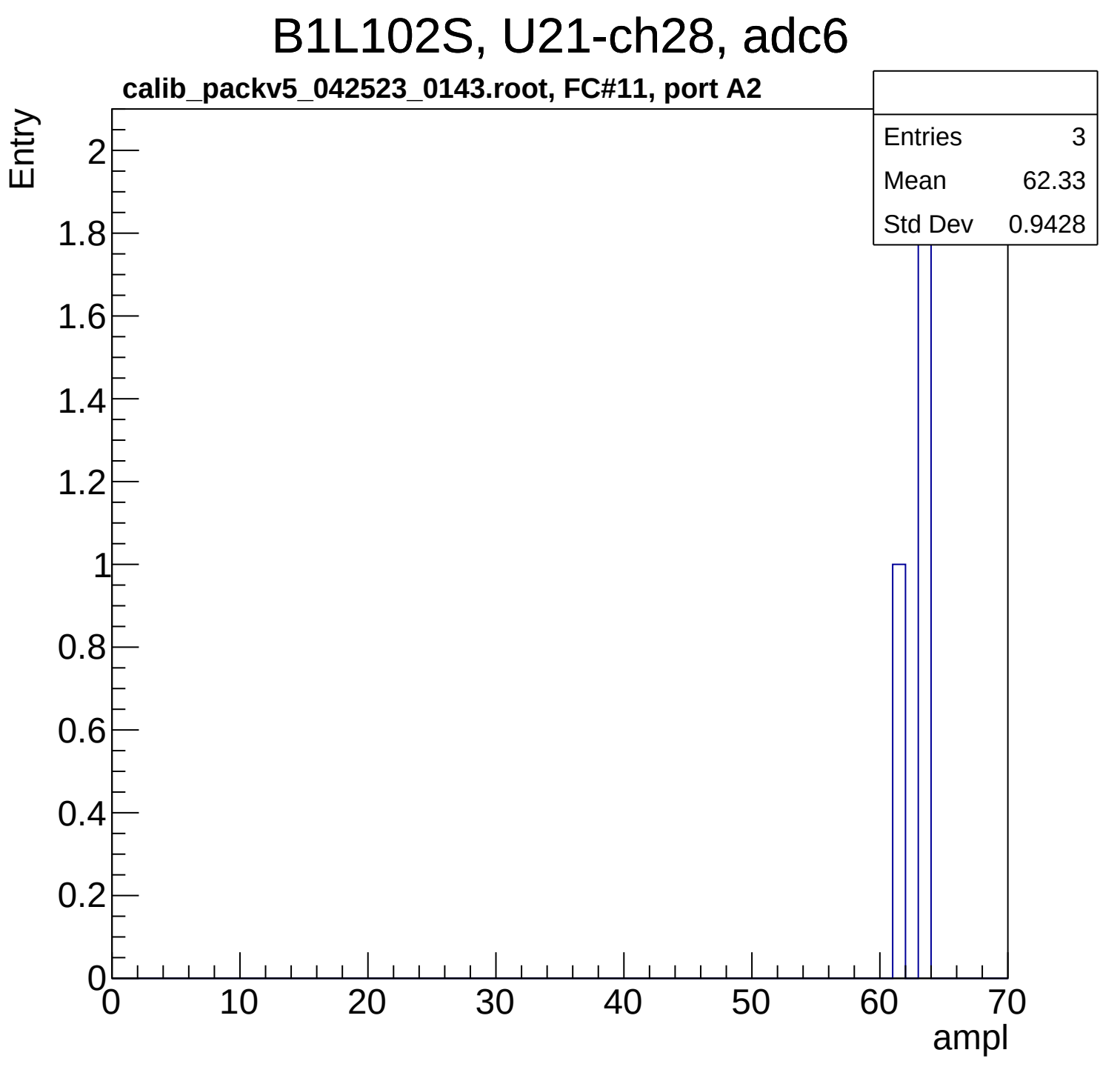

B1L102S, U21-ch28, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 36.97
Std Dev 3.535
Gaus mean : 37.5355
Gaus Width: 3.6785
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

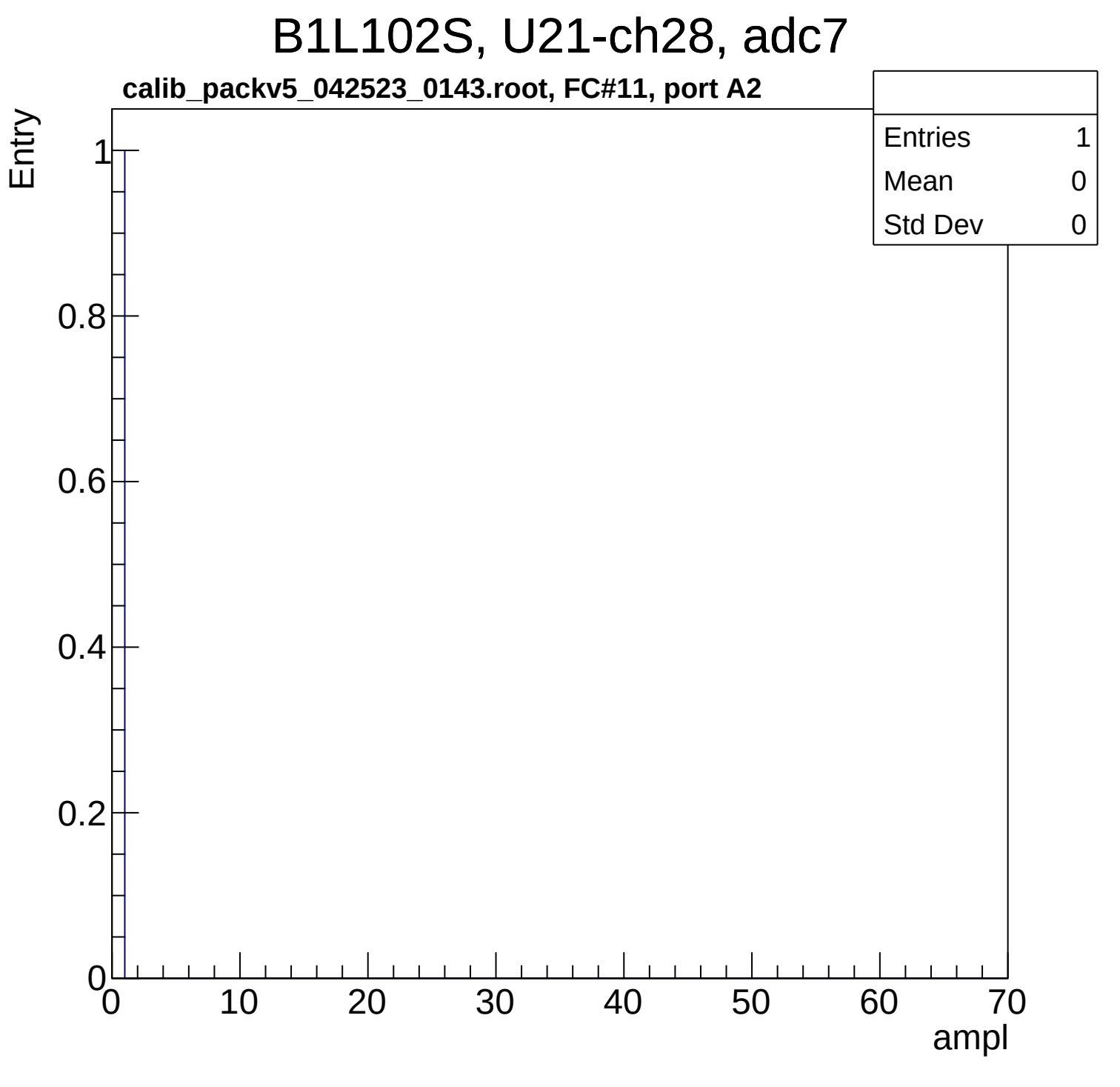

B1L102S, U21-ch28, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 43.43
Std Dev 3.384
Gaus mean : 44.3877
Gaus Width: 4.2907
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

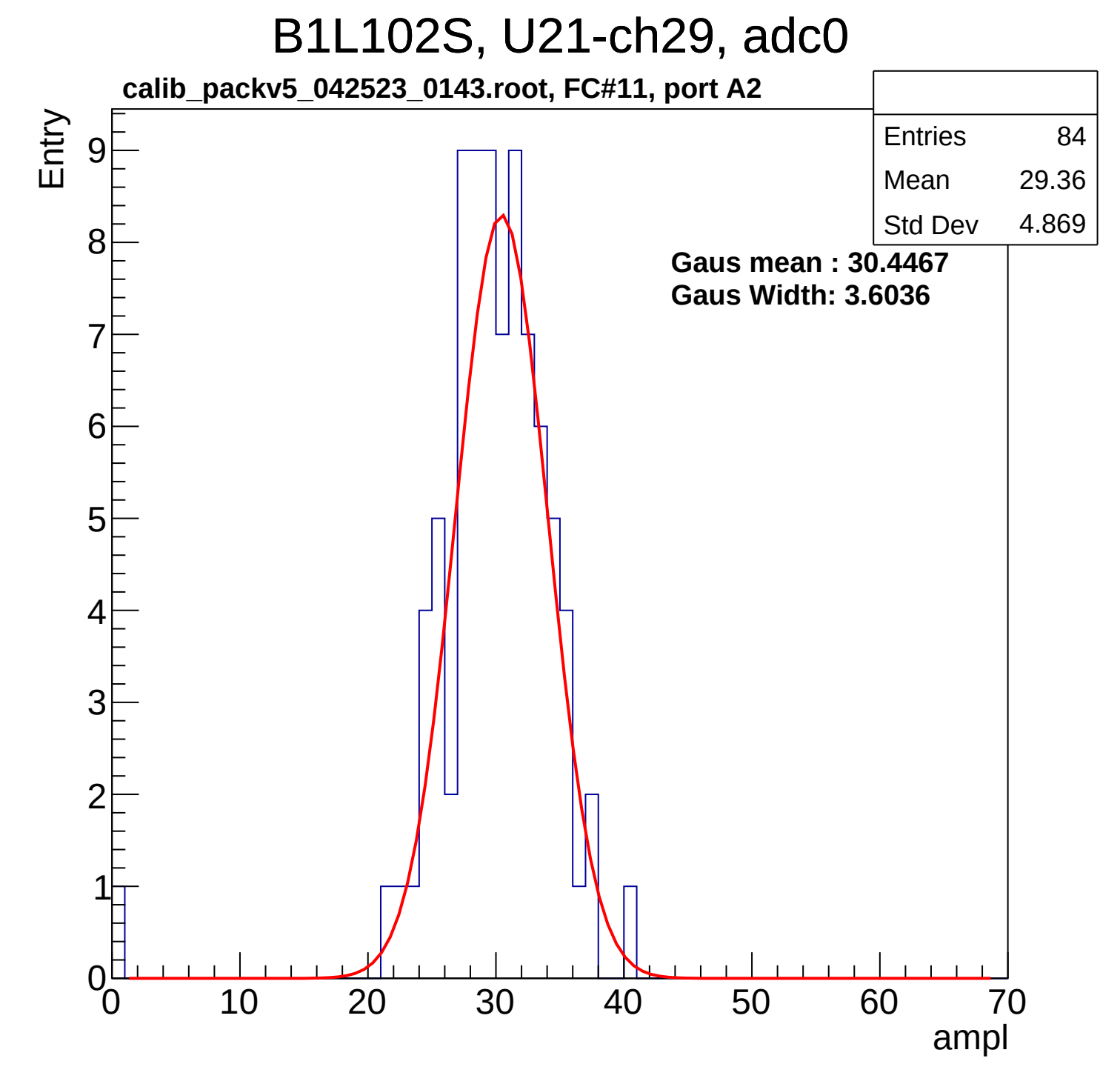

B1L102S, U21-ch28, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 49.88
Std Dev 2.905
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

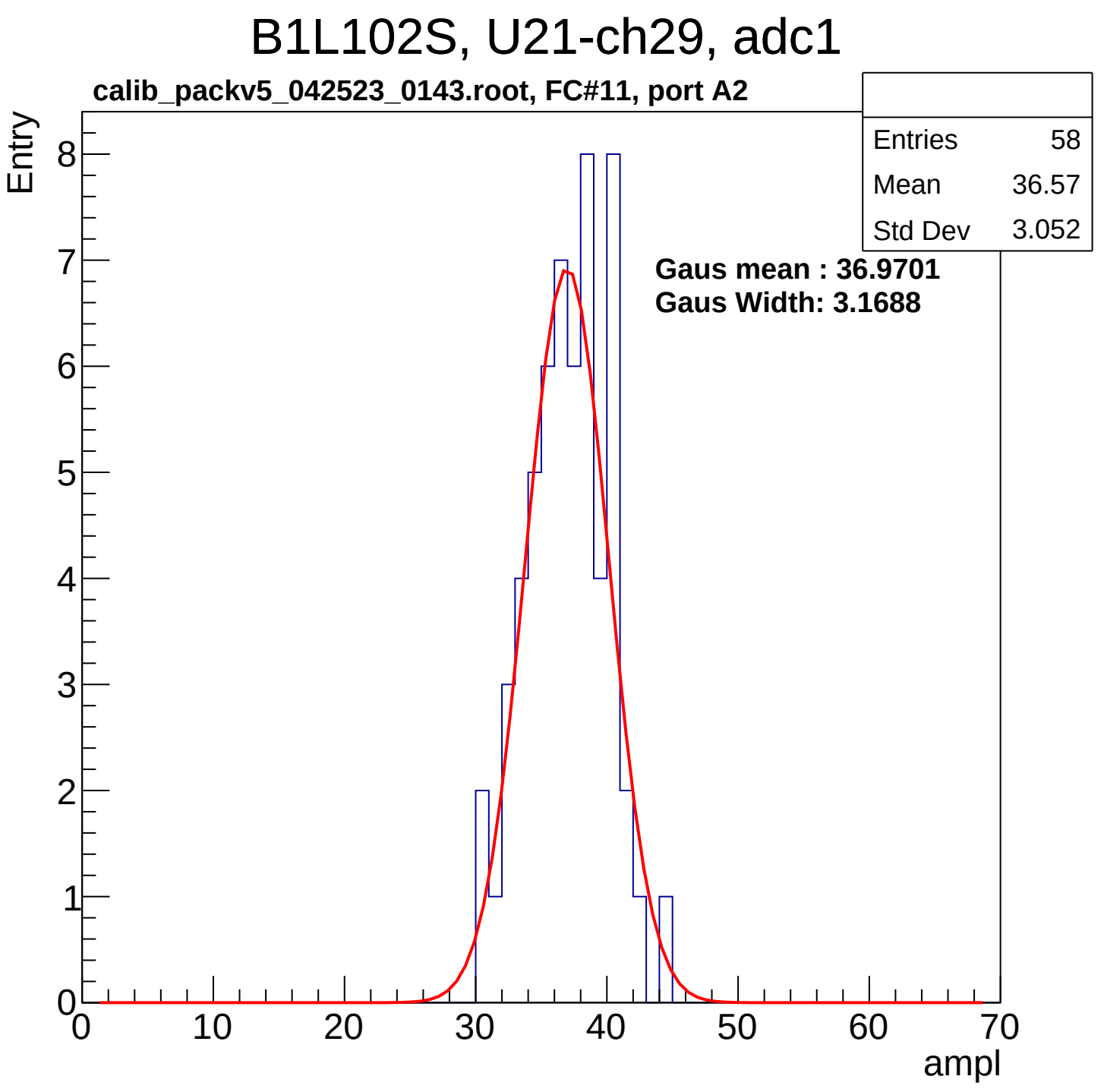

B1L102S, U21-ch28, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 56.89
Std Dev 2.903
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

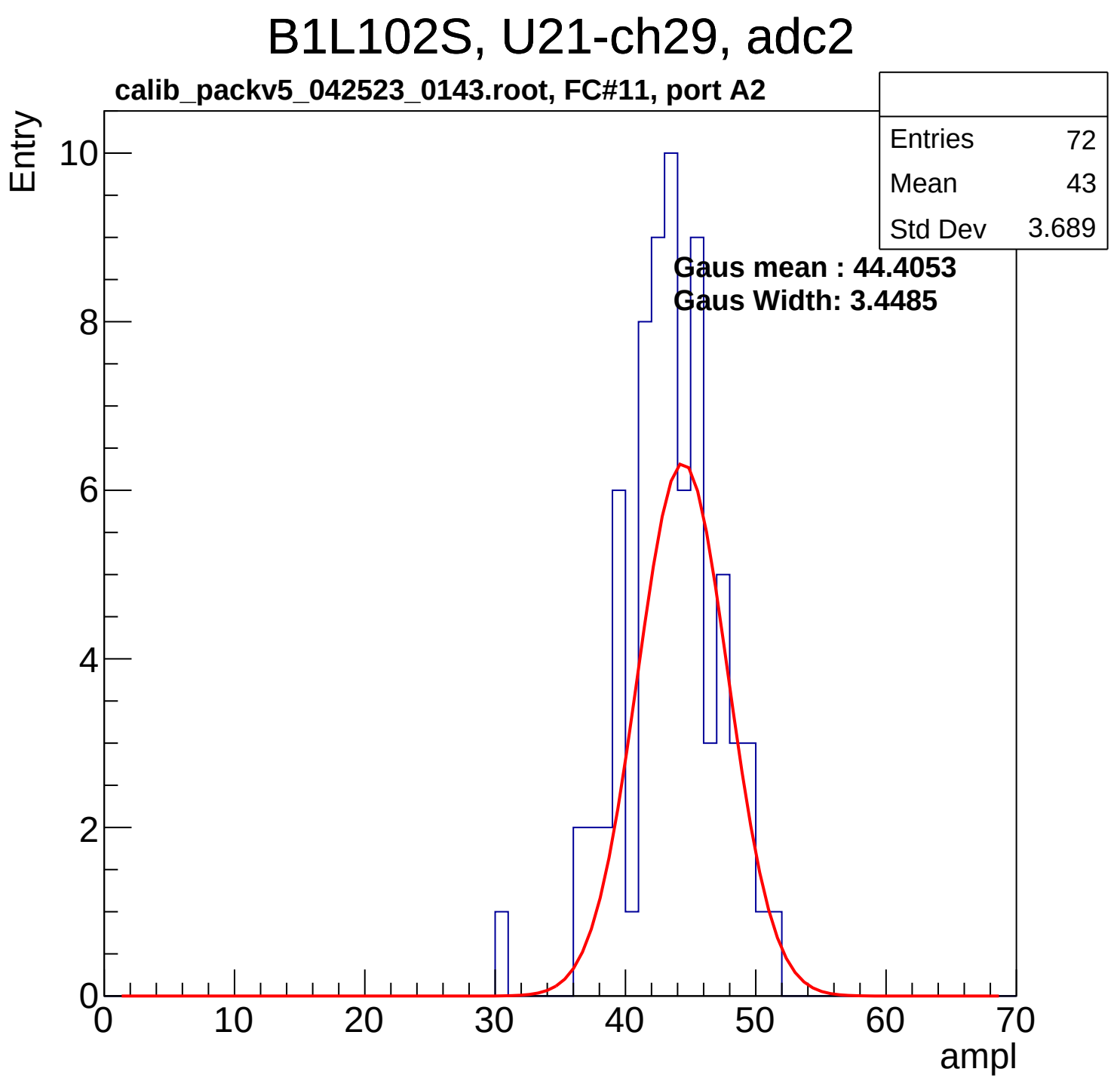

B1L102S, U21-ch28, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 38
Mean 58.63
Std Dev 9.962
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

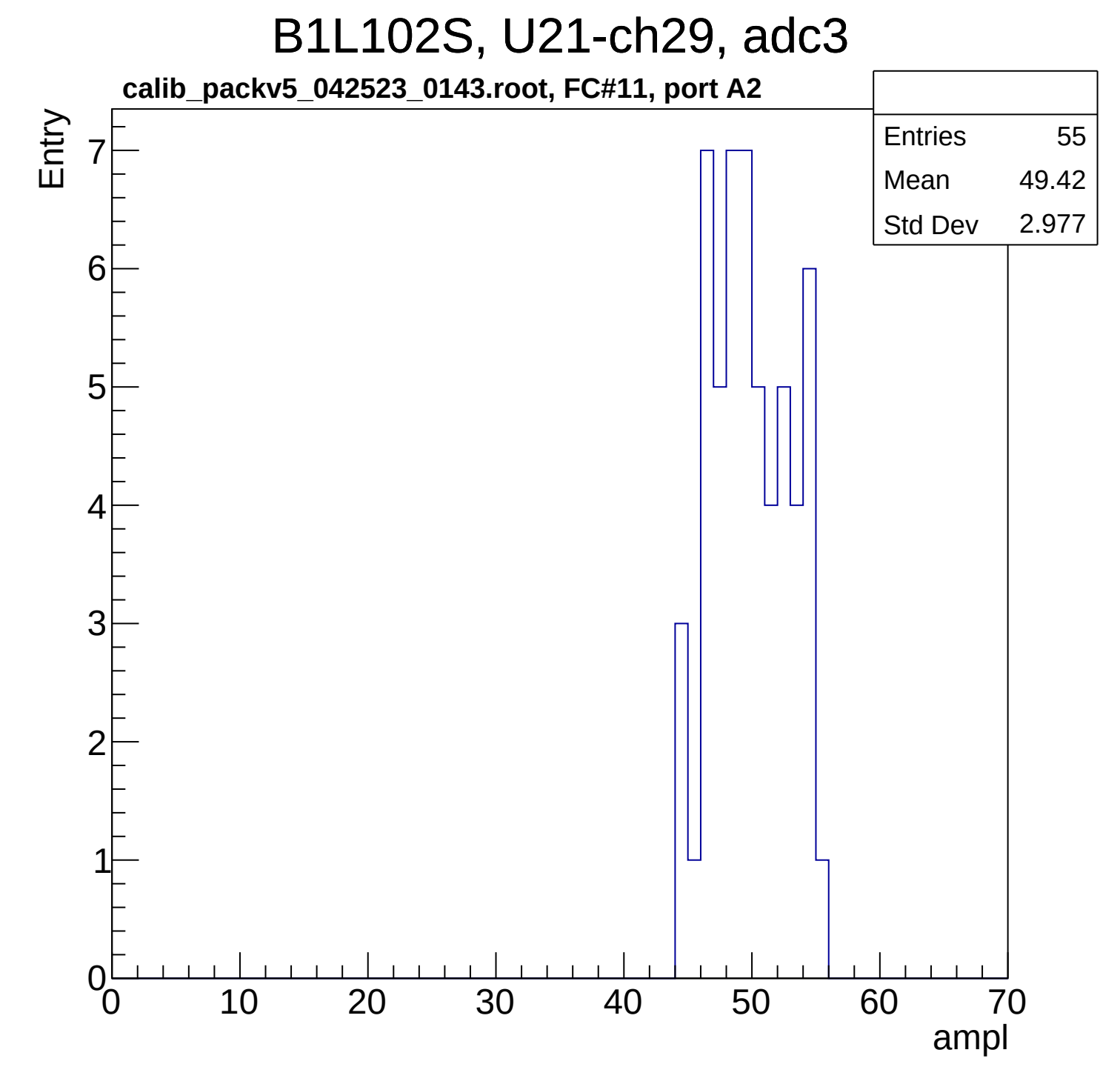

B1L102S, U21-ch28, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 62.33
Std Dev 0.9428
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

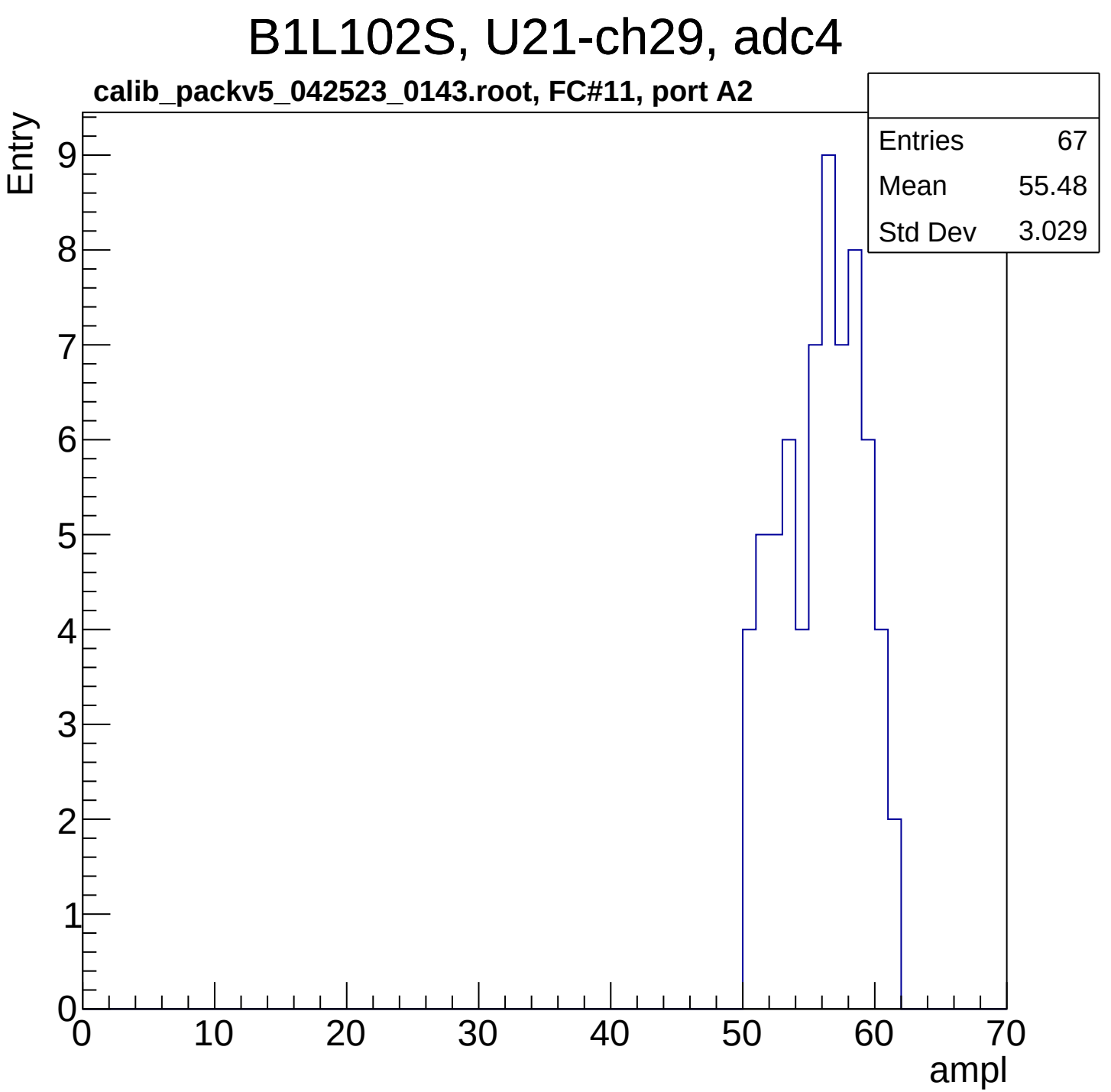

B1L102S, U21-ch28, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch29, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 84
Mean 29.36
Std Dev 4.869
Gaus mean : 30.4467
Gaus Width: 3.6036
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch29, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 36.57
Std Dev 3.052
Gaus mean : 36.9701
Gaus Width: 3.1688
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch29, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 43
Std Dev 3.689
Gaus mean : 44.4053
Gaus Width: 3.4485
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch29, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 49.42
Std Dev 2.977
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch29, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 55.48
Std Dev 3.029
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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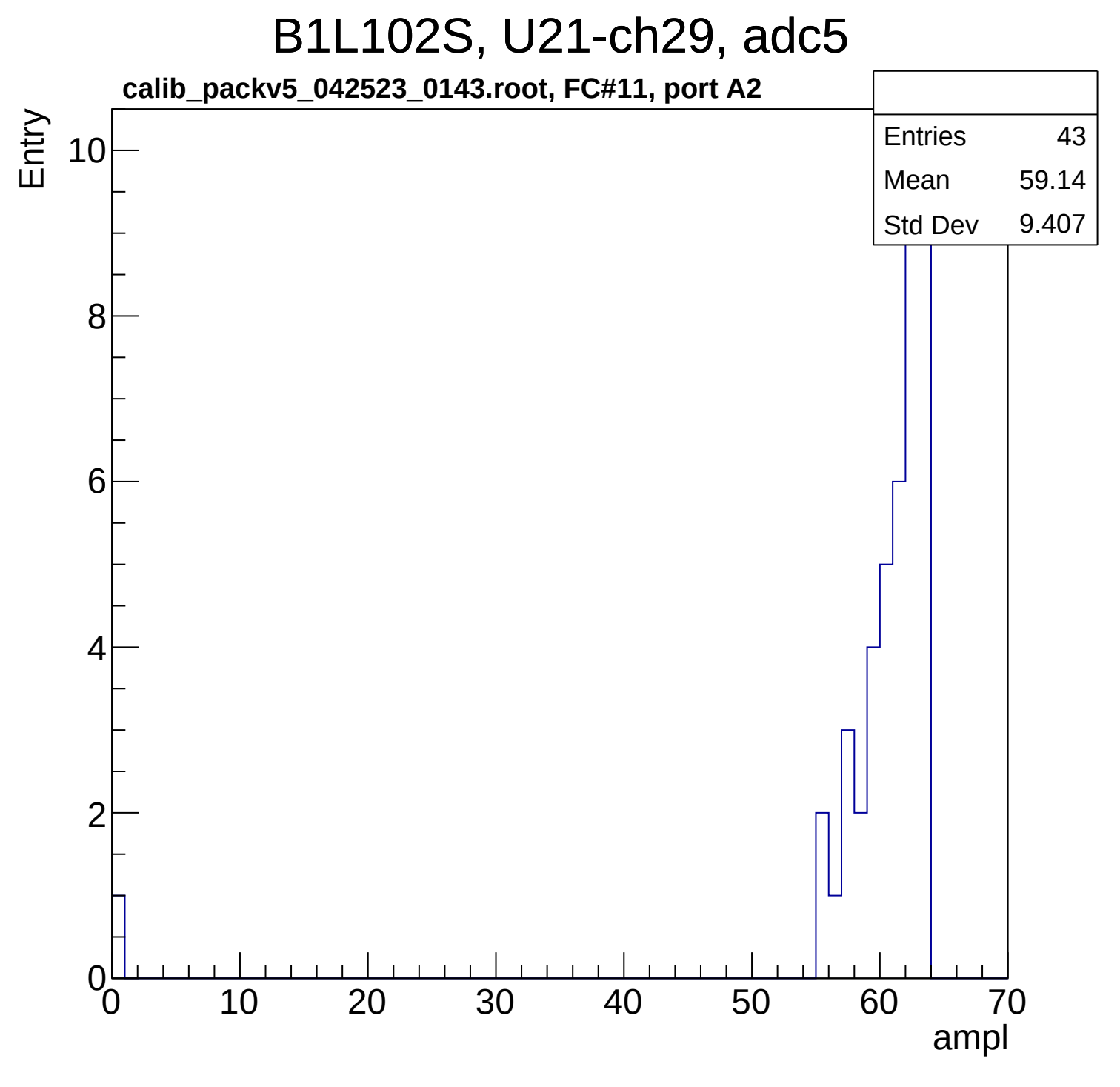
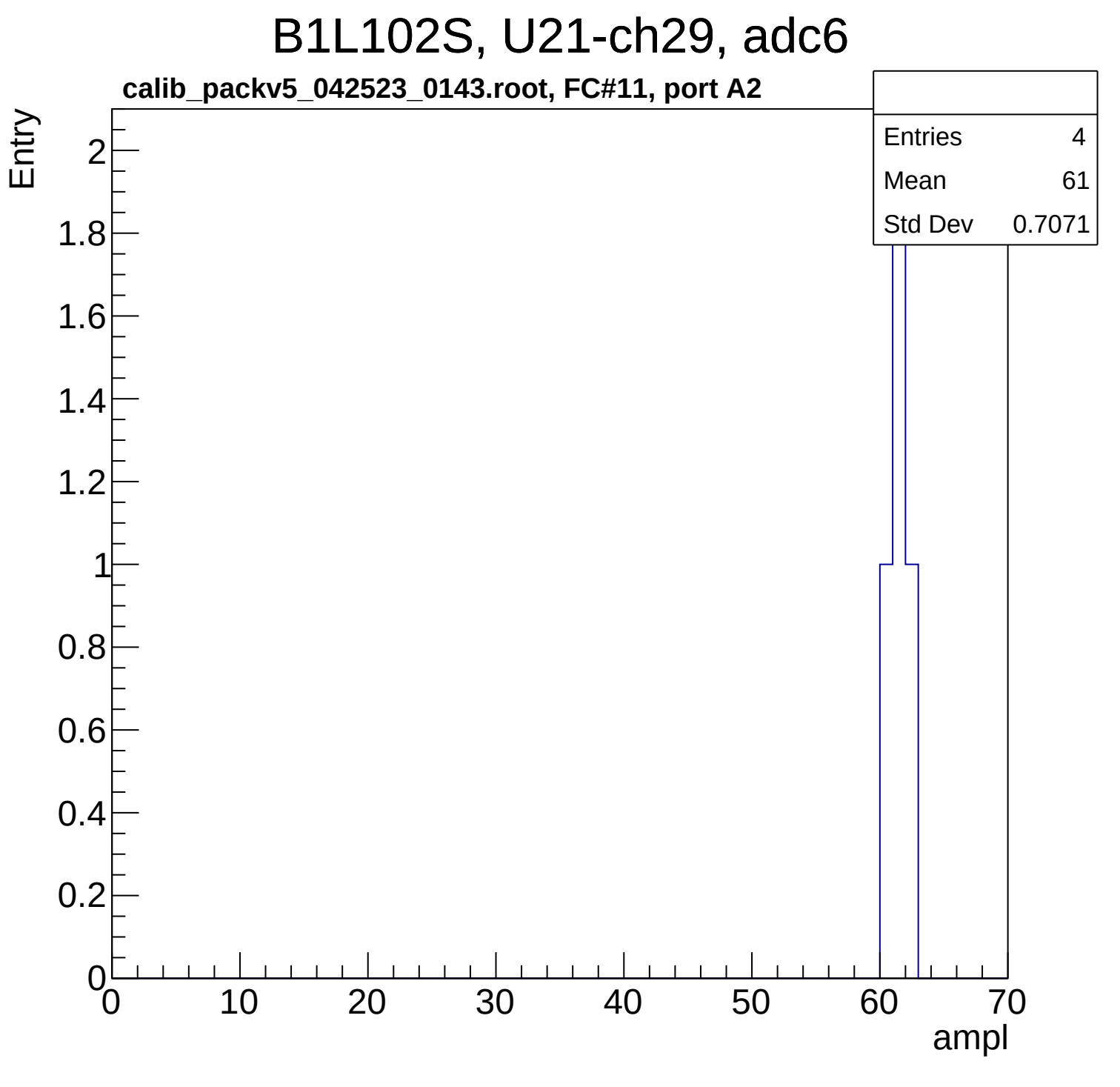
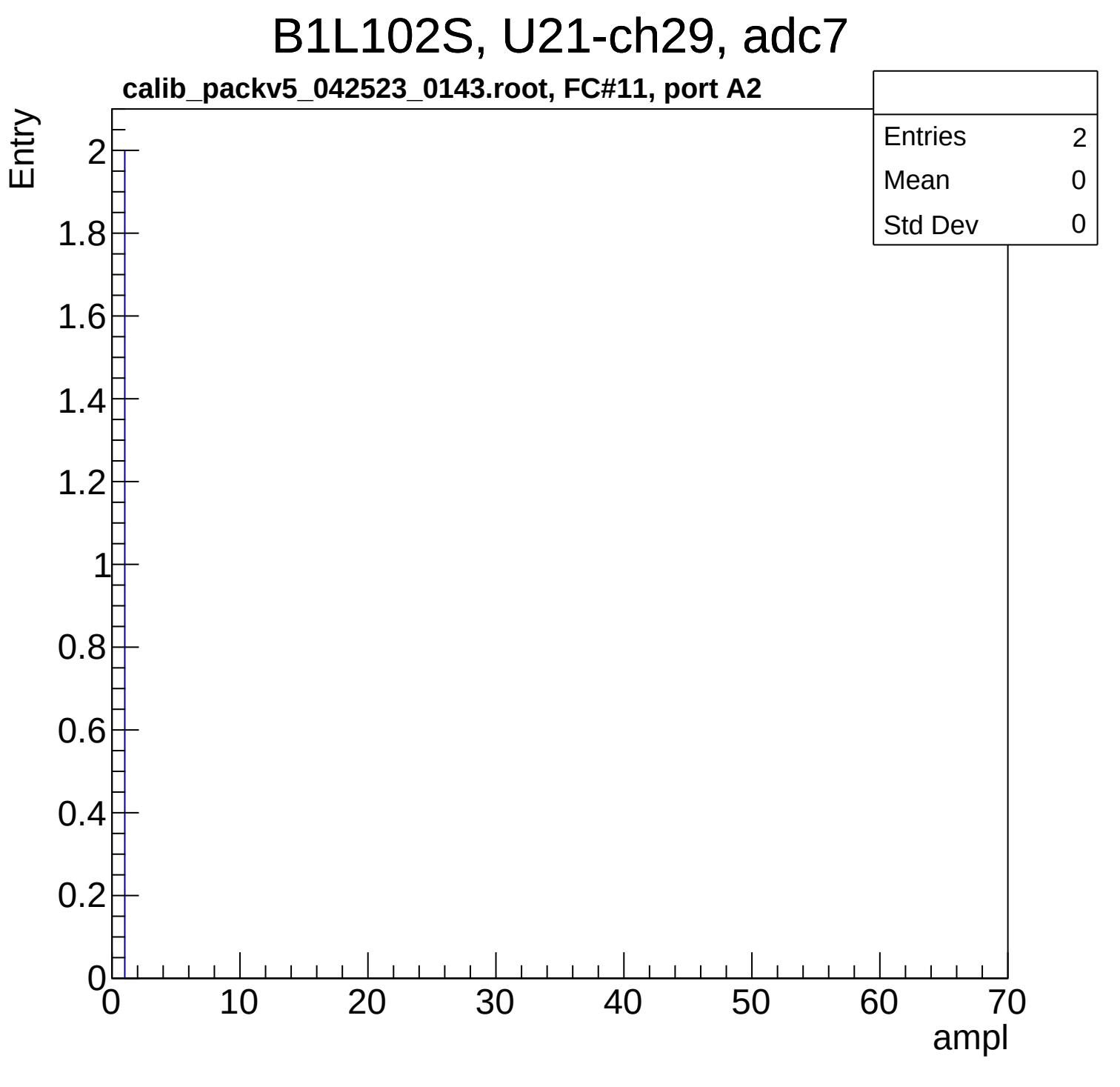
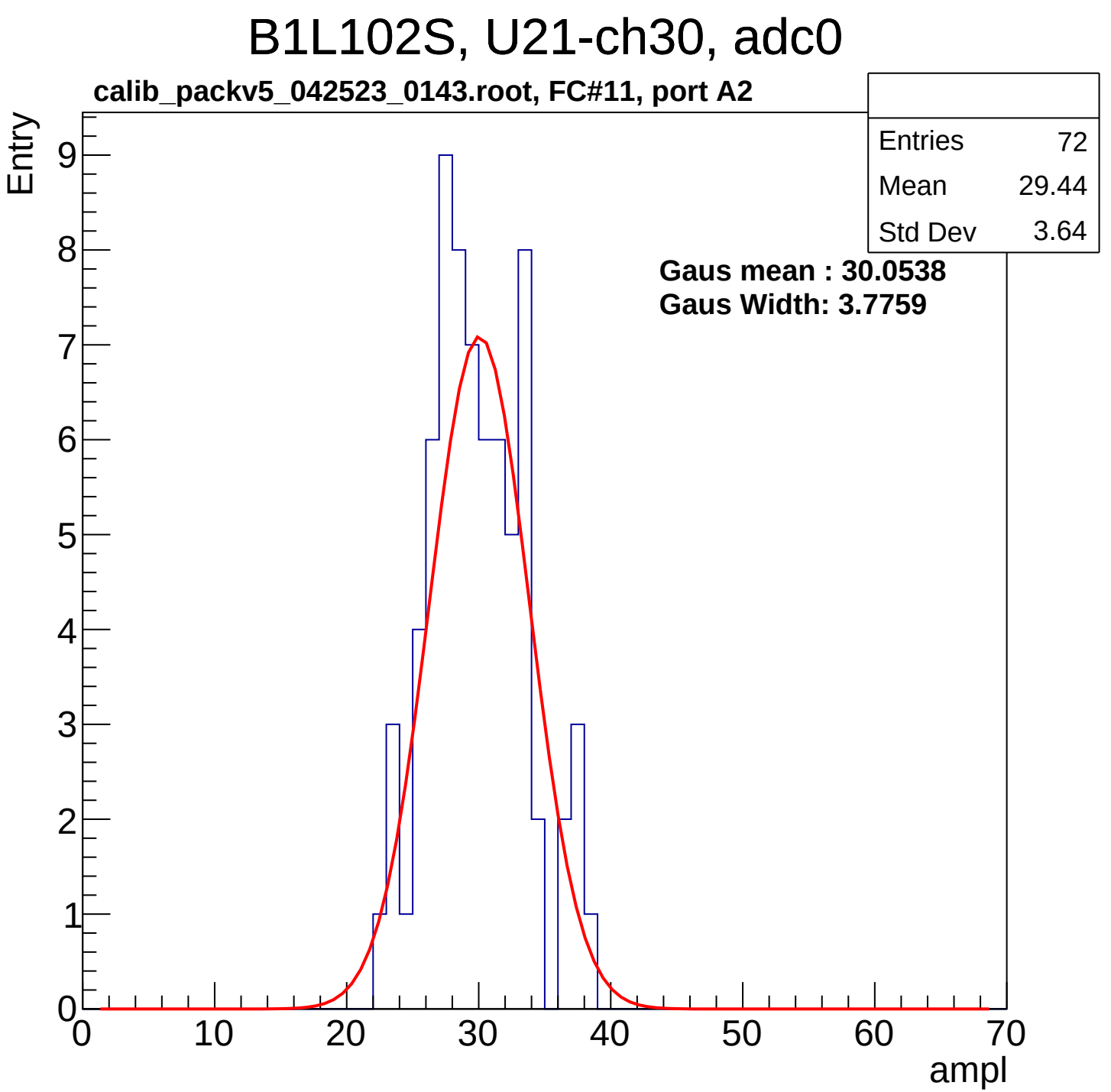
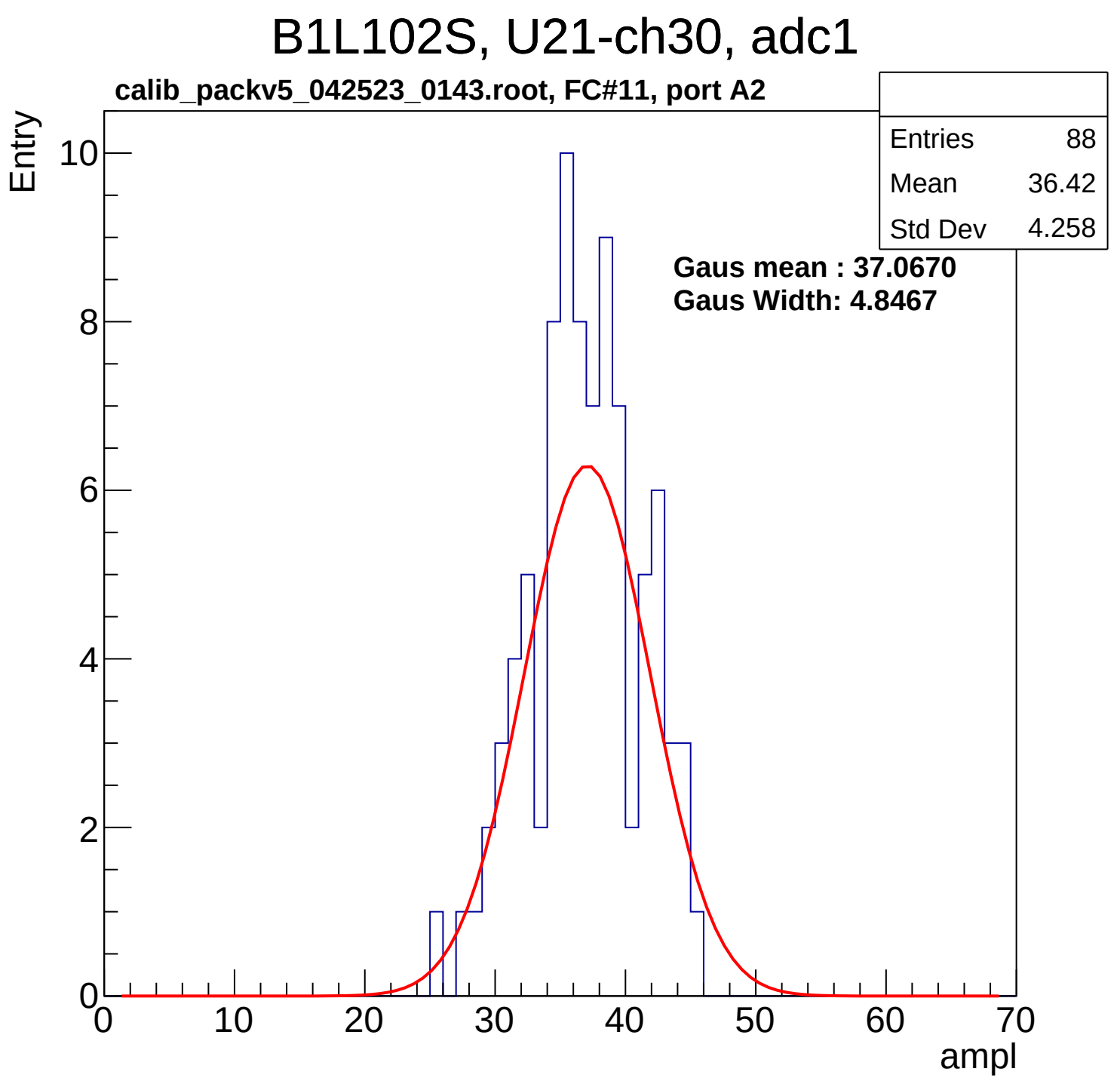
60
70

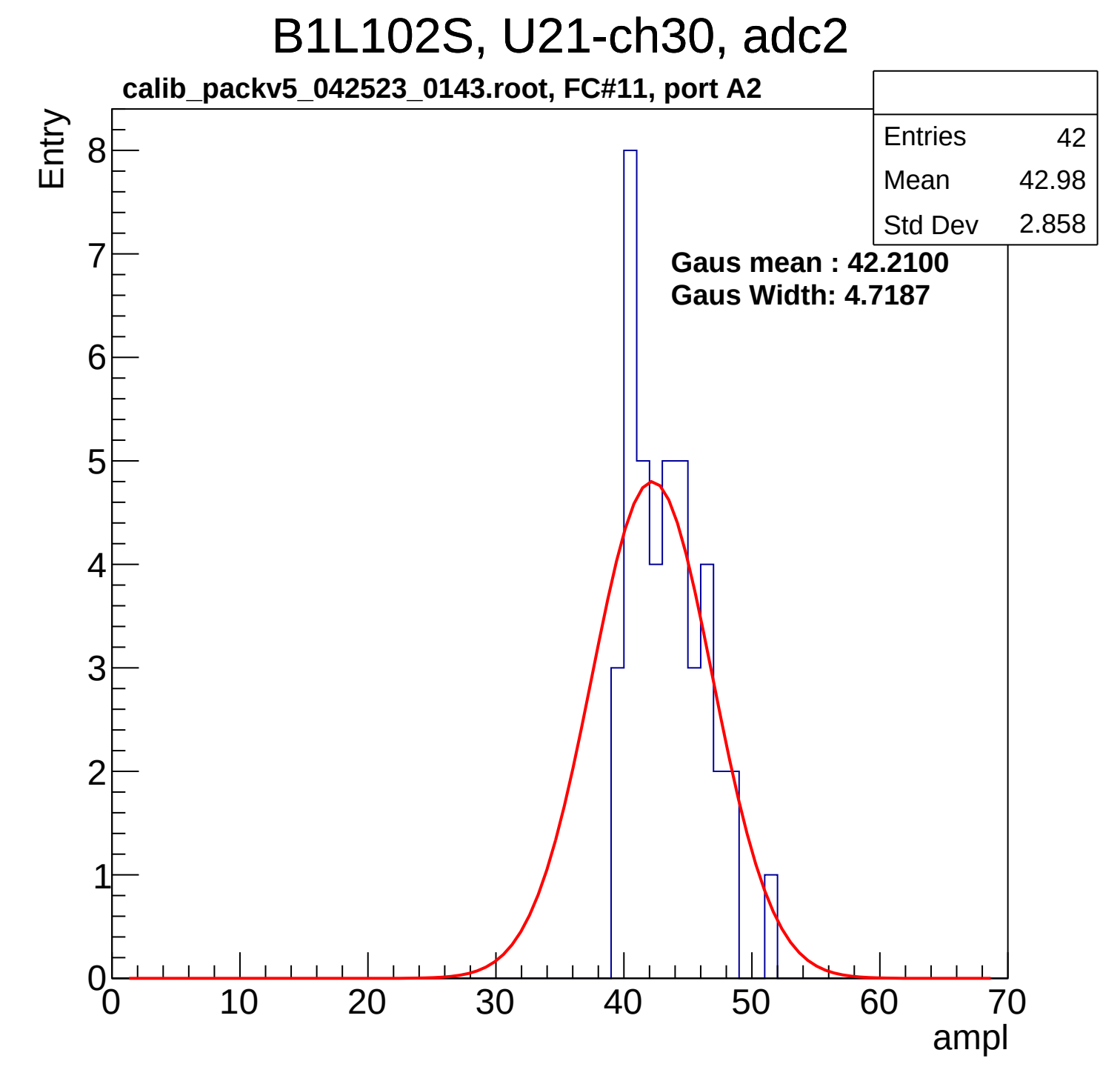

B1L102S, U21-ch29, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 43
Mean 59.14
Std Dev 9.407
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

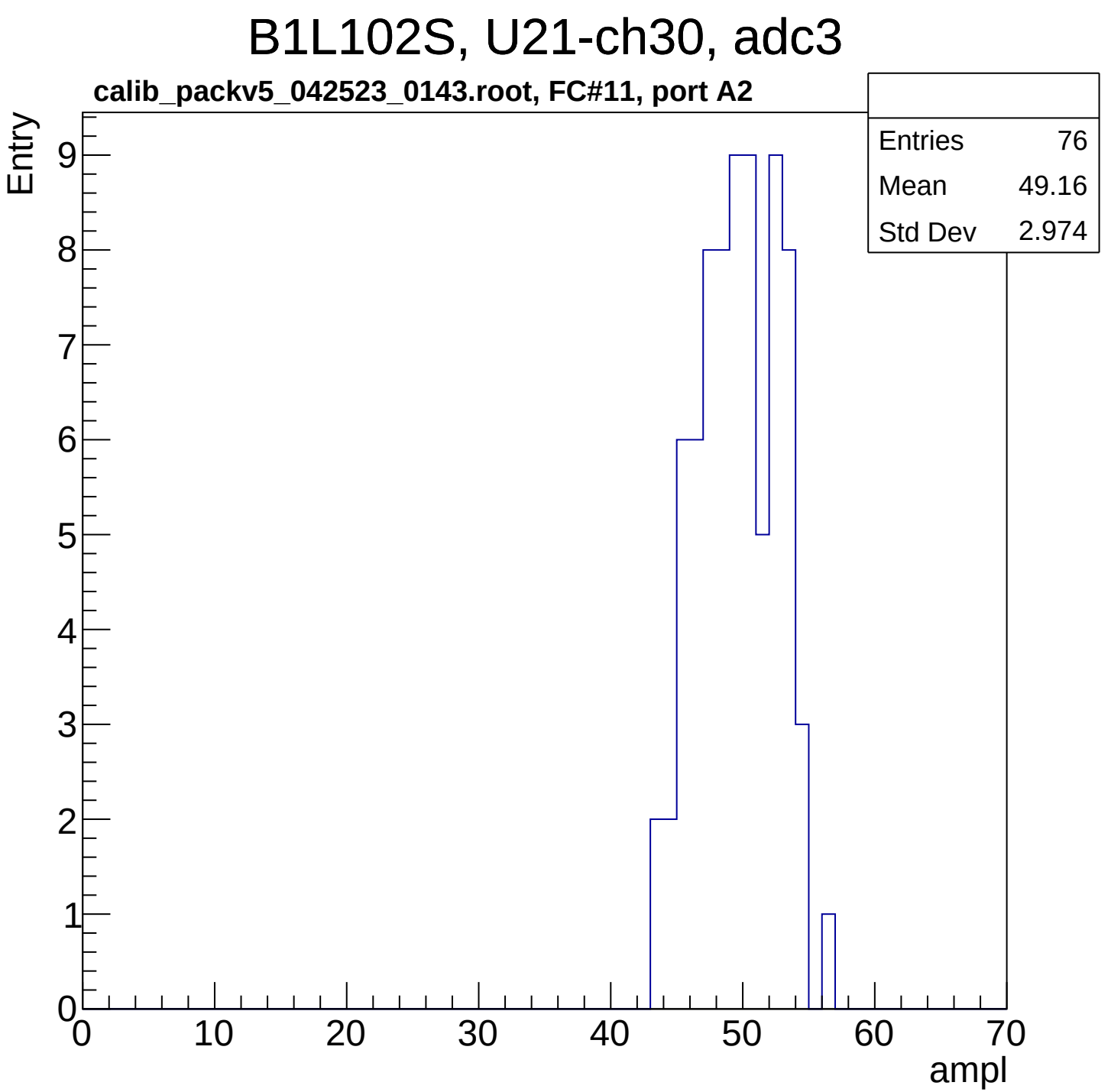

B1L102S, U21-ch29, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 61
Std Dev 0.7071
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L102S, U21-ch29, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch30, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 29.44
Std Dev 3.64
Gaus mean : 30.0538
Gaus Width: 3.7759
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch30, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 88
Mean 36.42
Std Dev 4.258
Gaus mean : 37.0670
Gaus Width: 4.8467
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch30, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 42
Mean 42.98
Std Dev 2.858
Gaus mean : 42.2100
Gaus Width: 4.7187
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch30, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 76
Mean 49.16
Std Dev 2.974
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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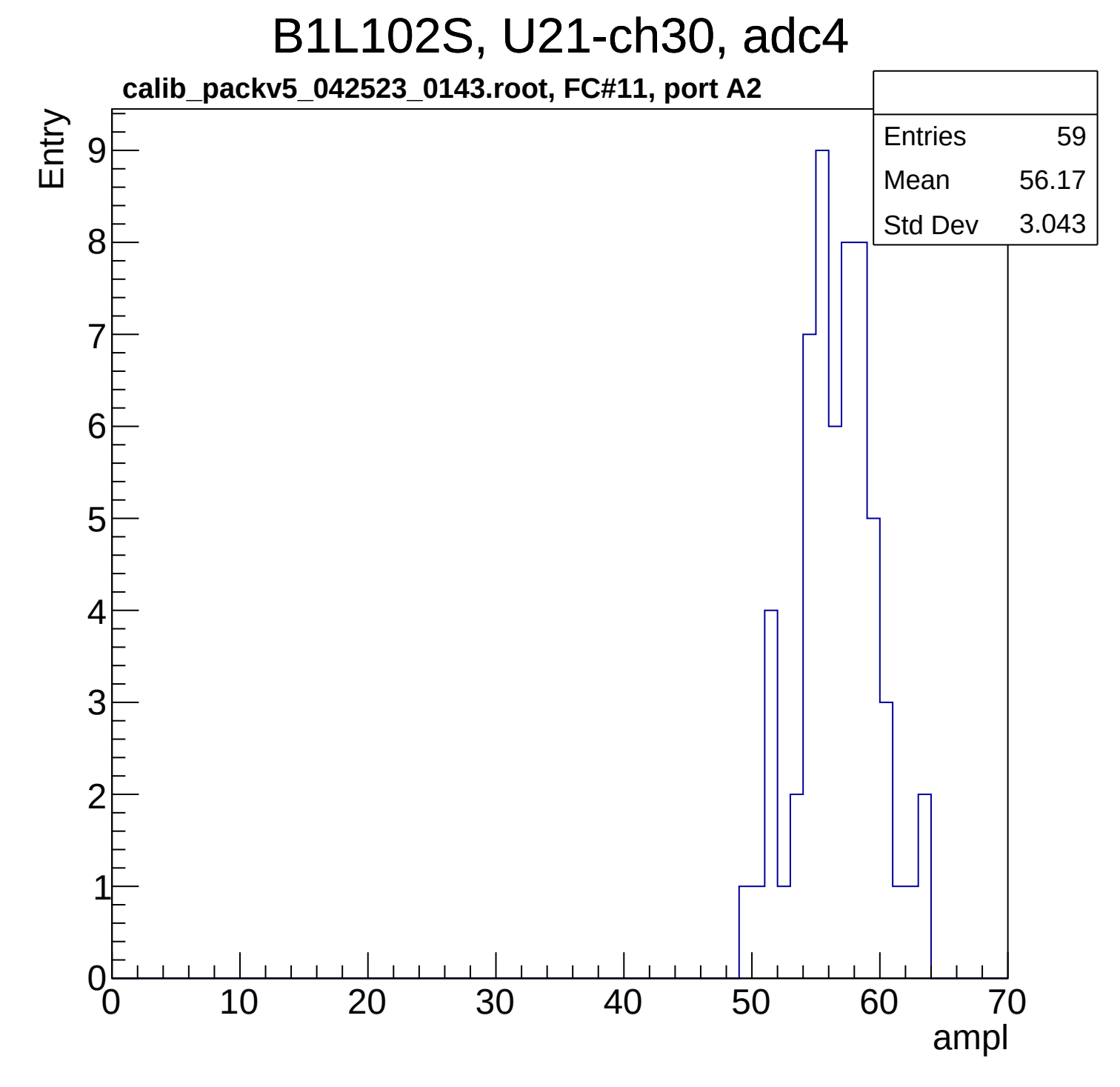
B1L102S, U21-ch30, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 56.17
Std Dev 3.043
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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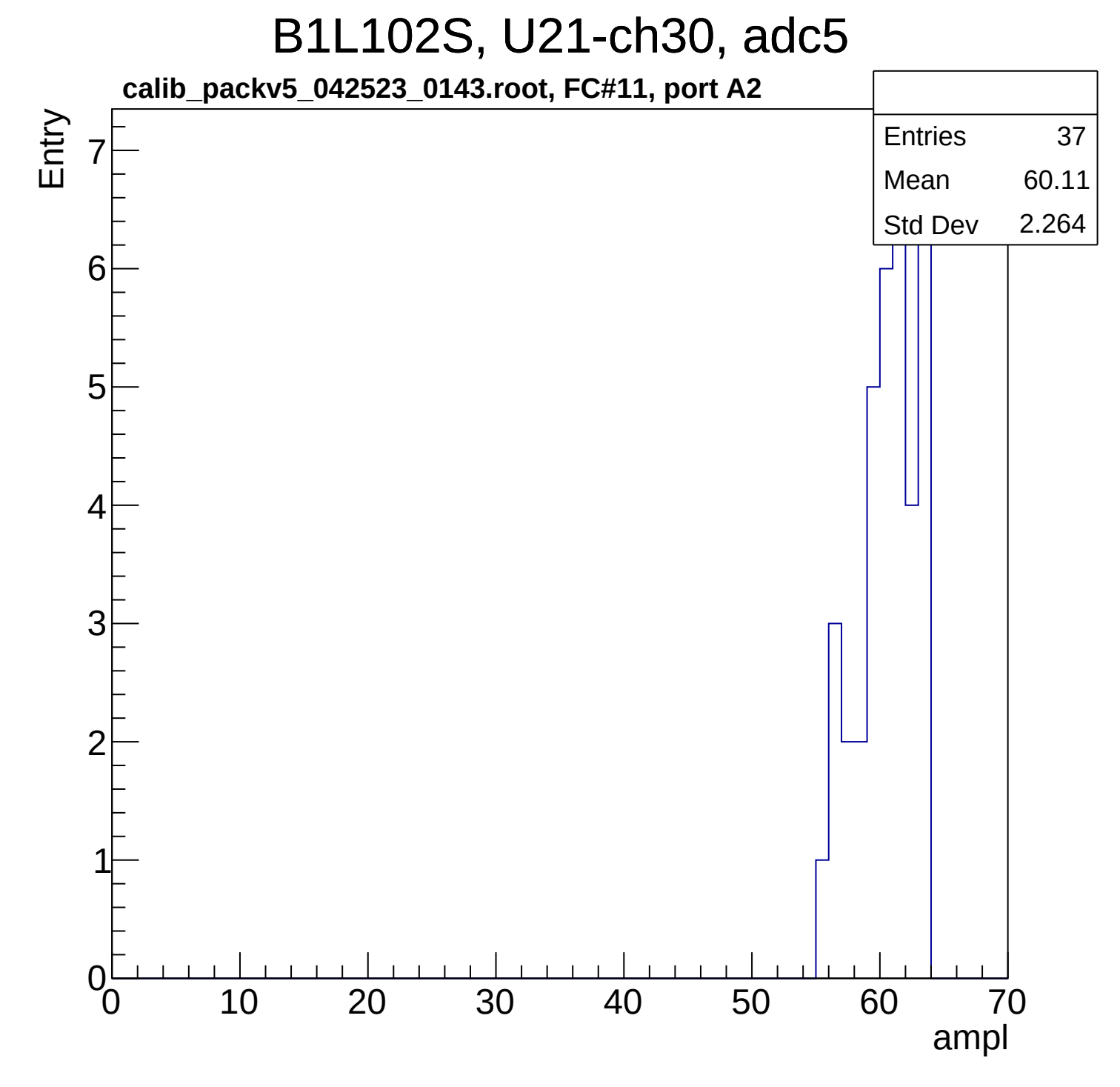
B1L102S, U21-ch30, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 37
Mean 60.11
Std Dev 2.264
Entry
ampl
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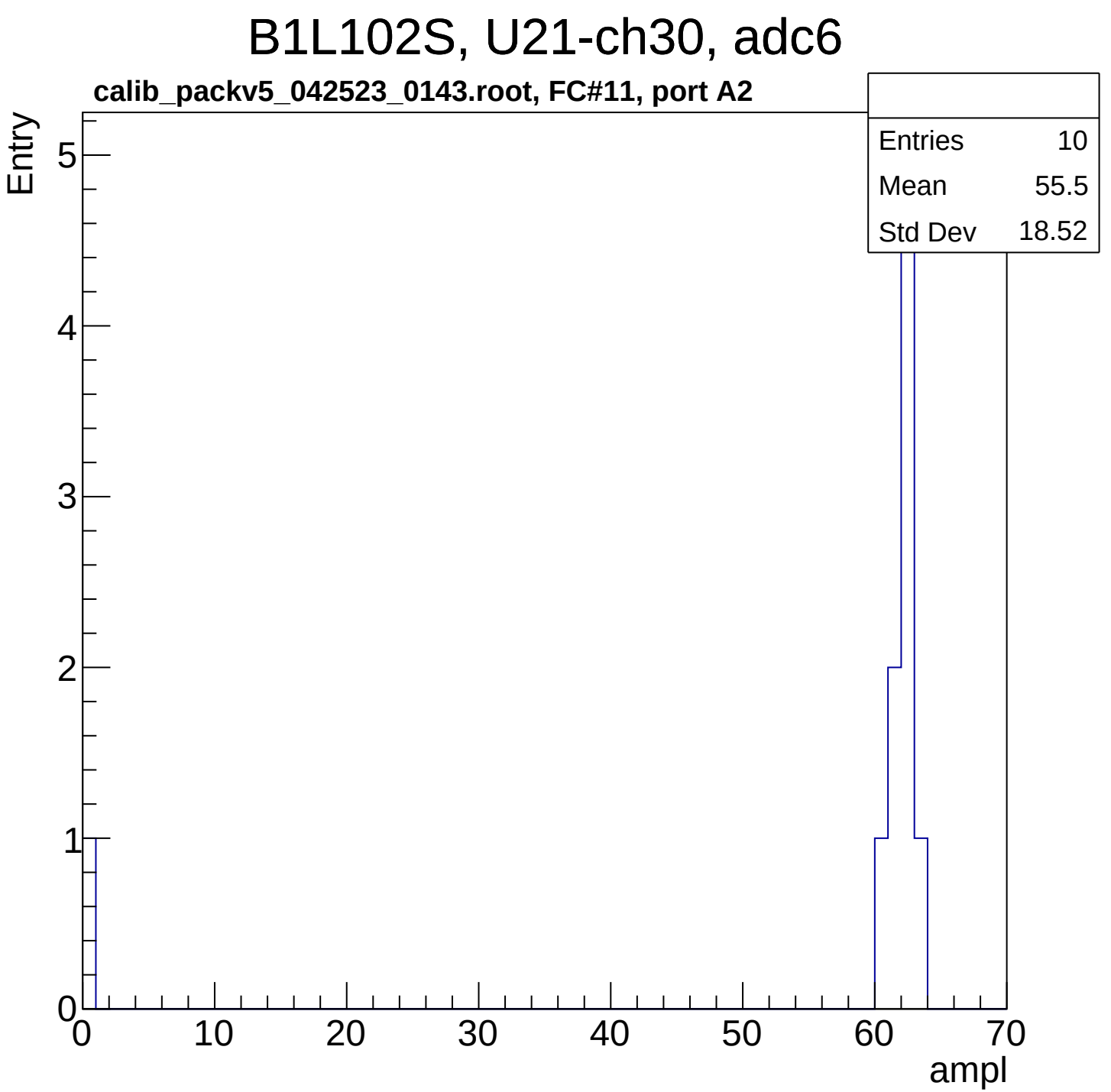
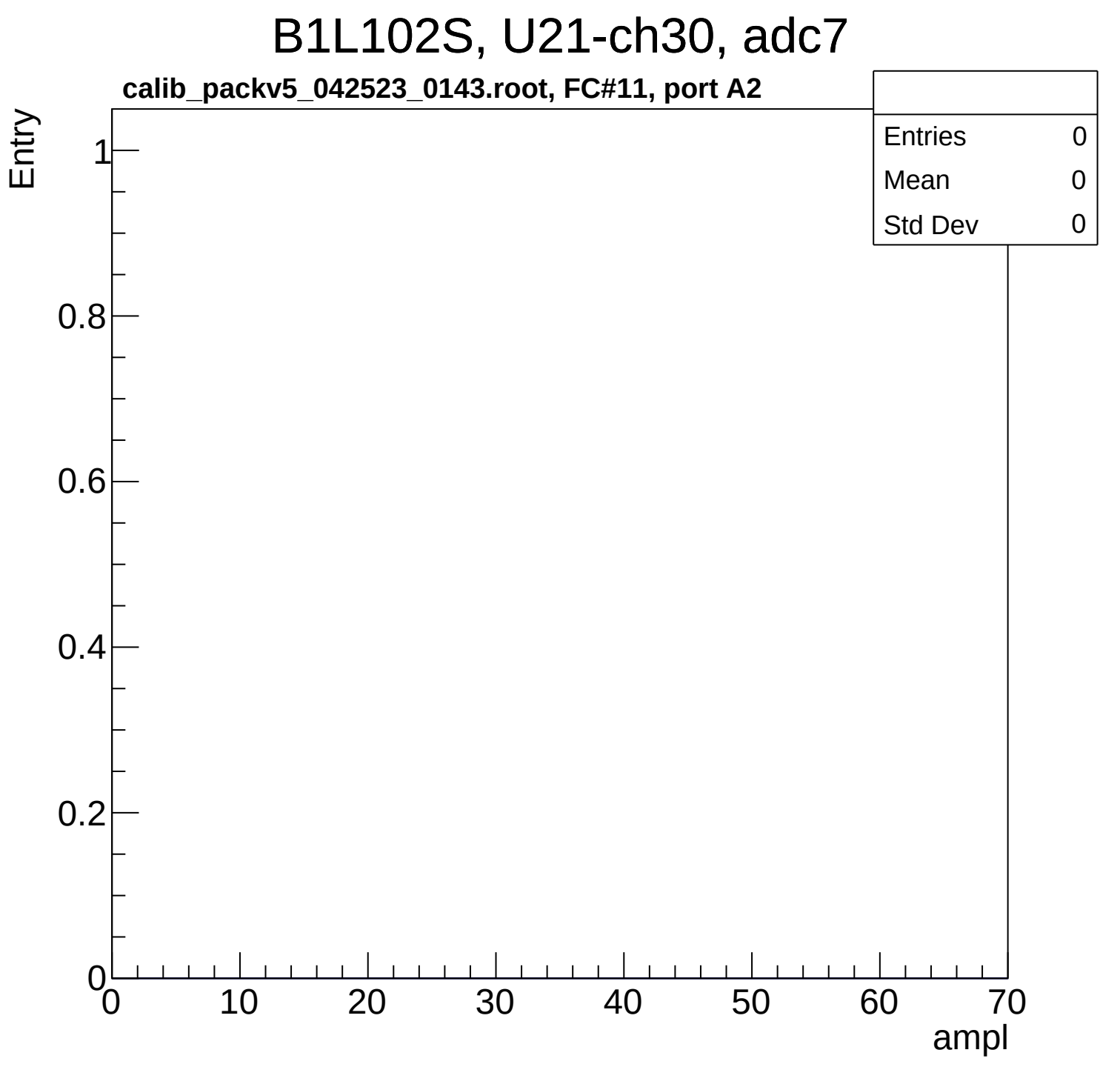
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch30, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 10
Mean 55.5
Std Dev 18.52
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch30, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
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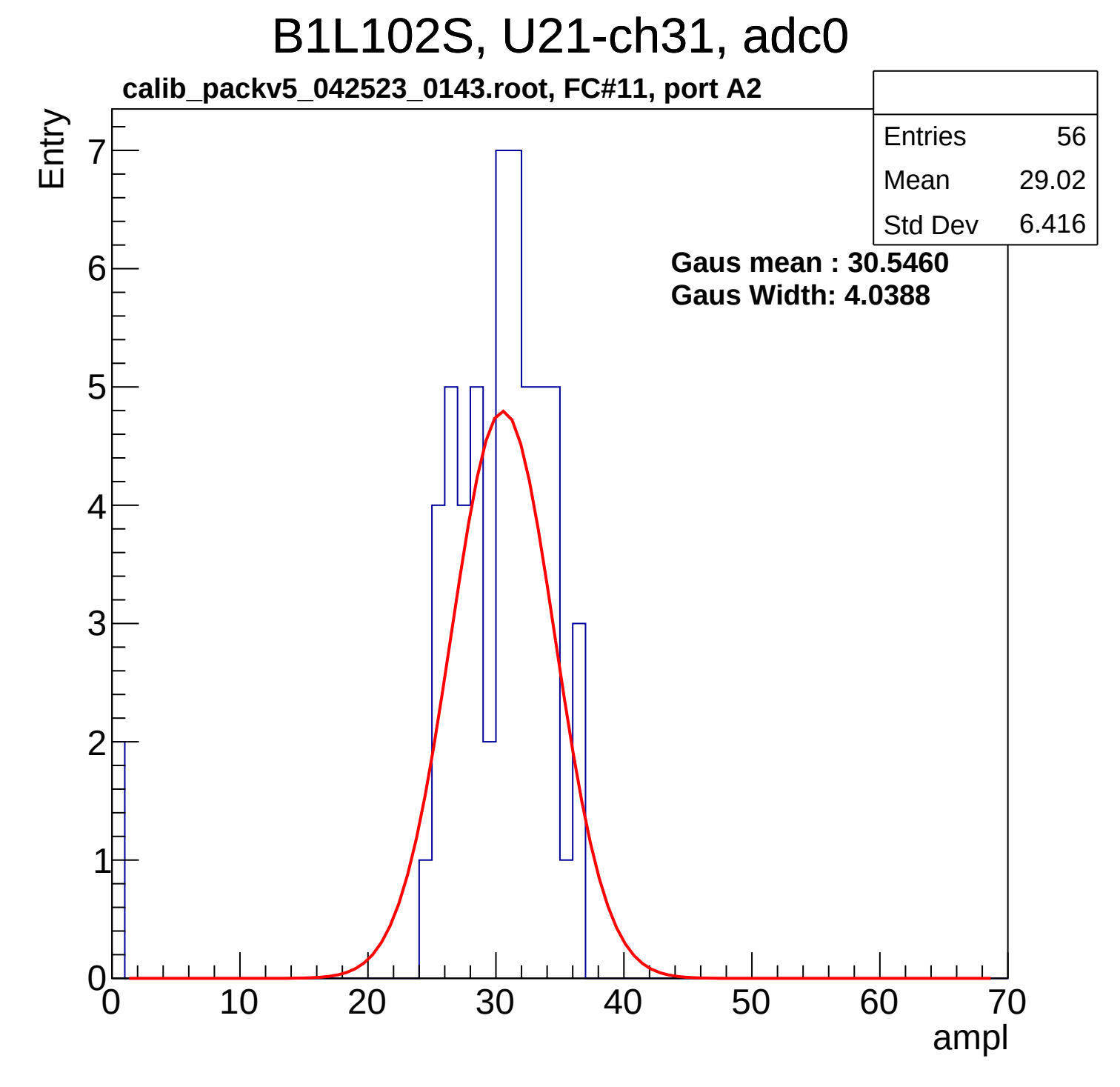
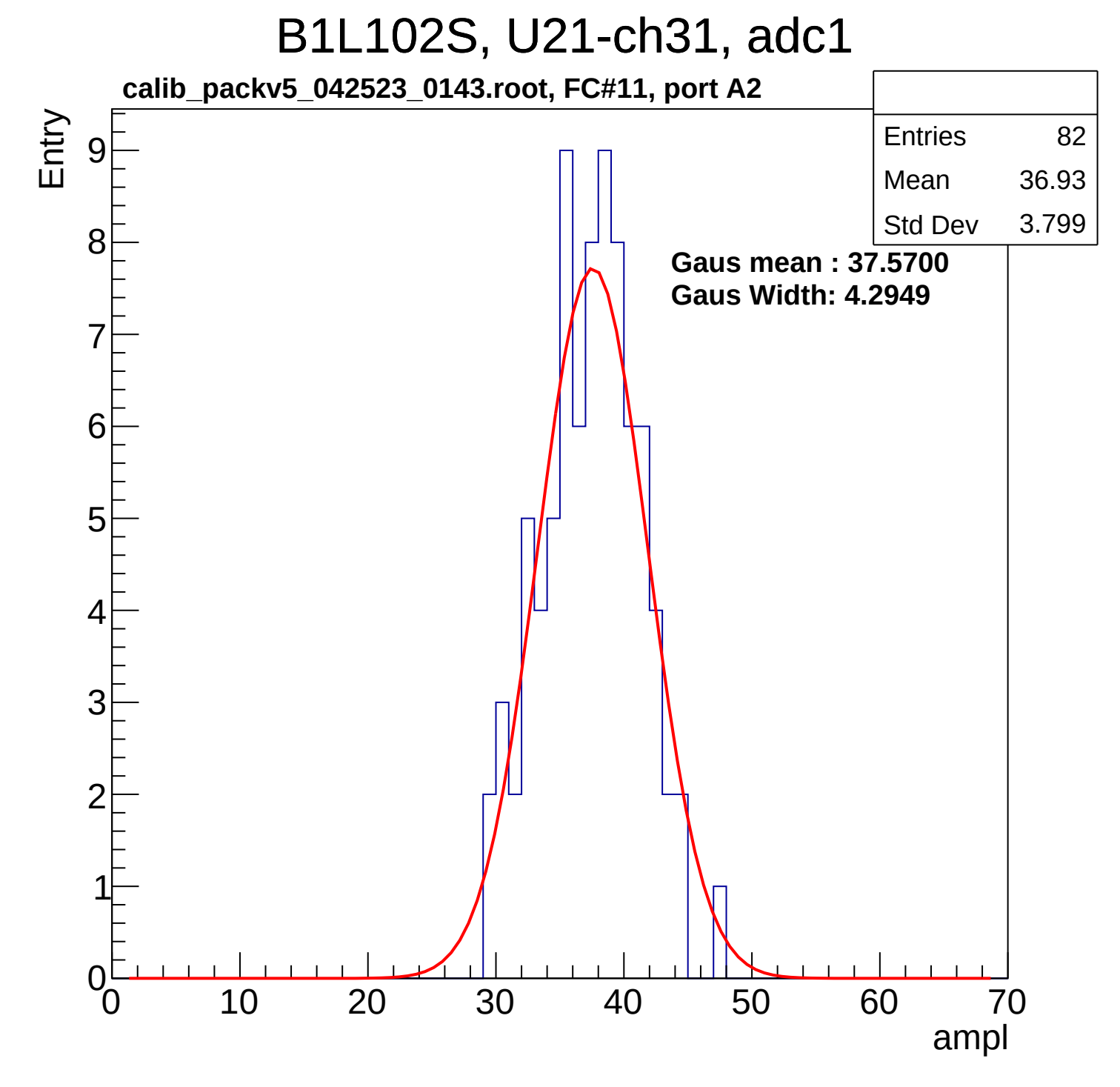
40
50
60
70
ampl


B1L102S, U21-ch31, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 29.02
Std Dev 6.416
Gaus mean : 30.5460
Gaus Width: 4.0388
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch31, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 82
Mean 36.93
Std Dev 3.799
Gaus mean : 37.5700
Gaus Width: 4.2949
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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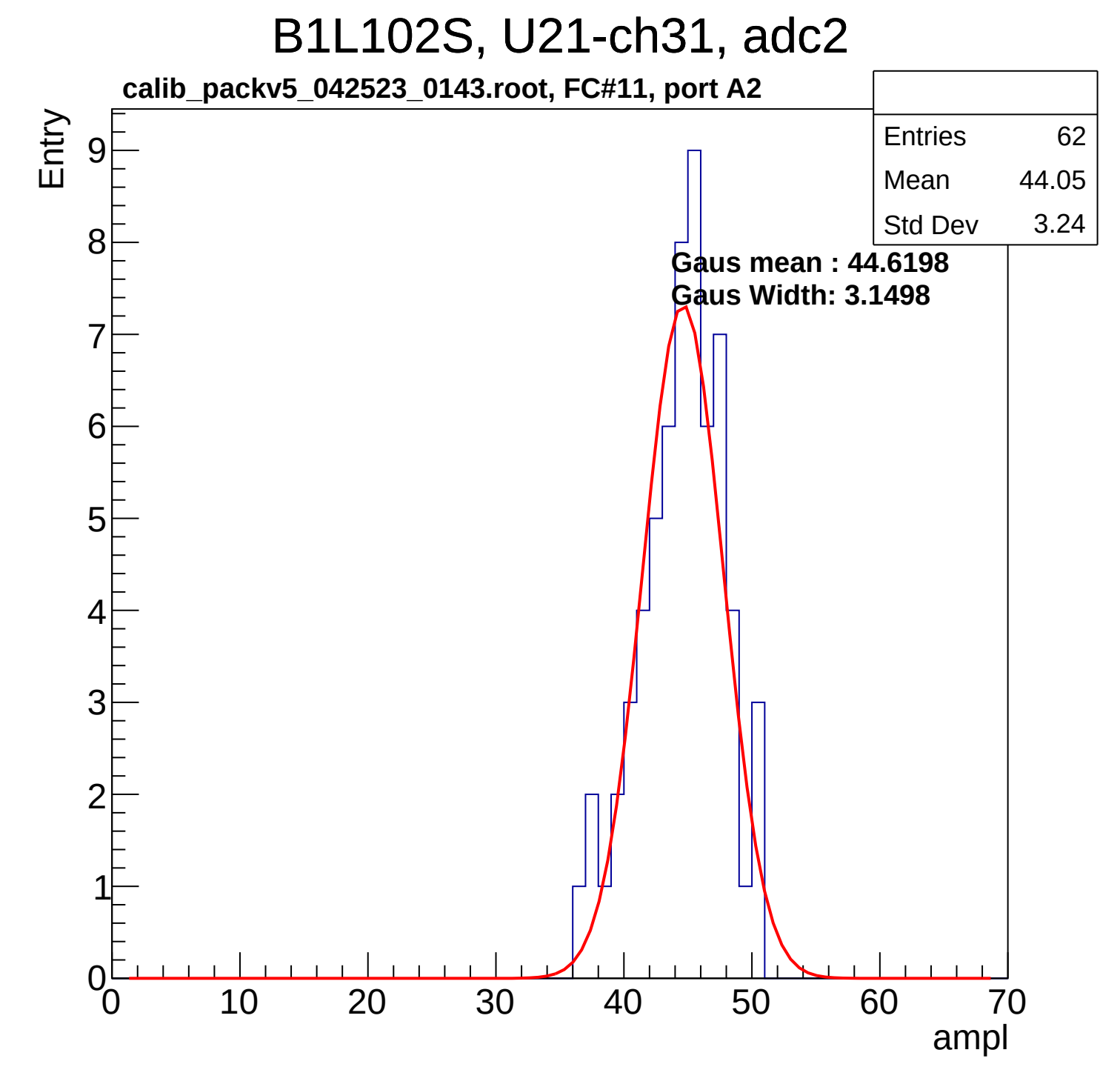
B1L102S, U21-ch31, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 44.05
Std Dev 3.24
Gaus mean : 44.6198
Gaus Width: 3.1498
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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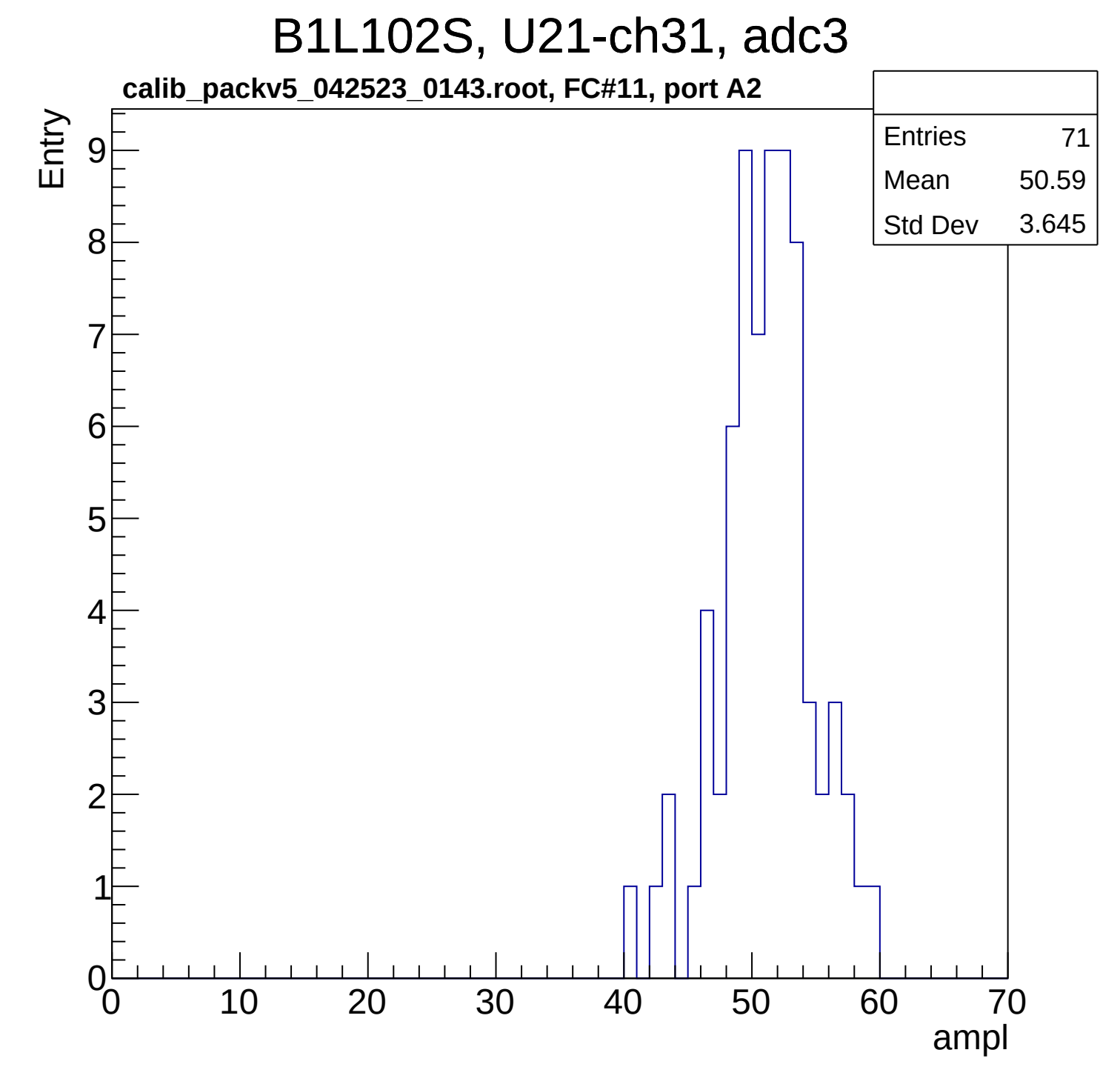
B1L102S, U21-ch31, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 50.59
Std Dev 3.645
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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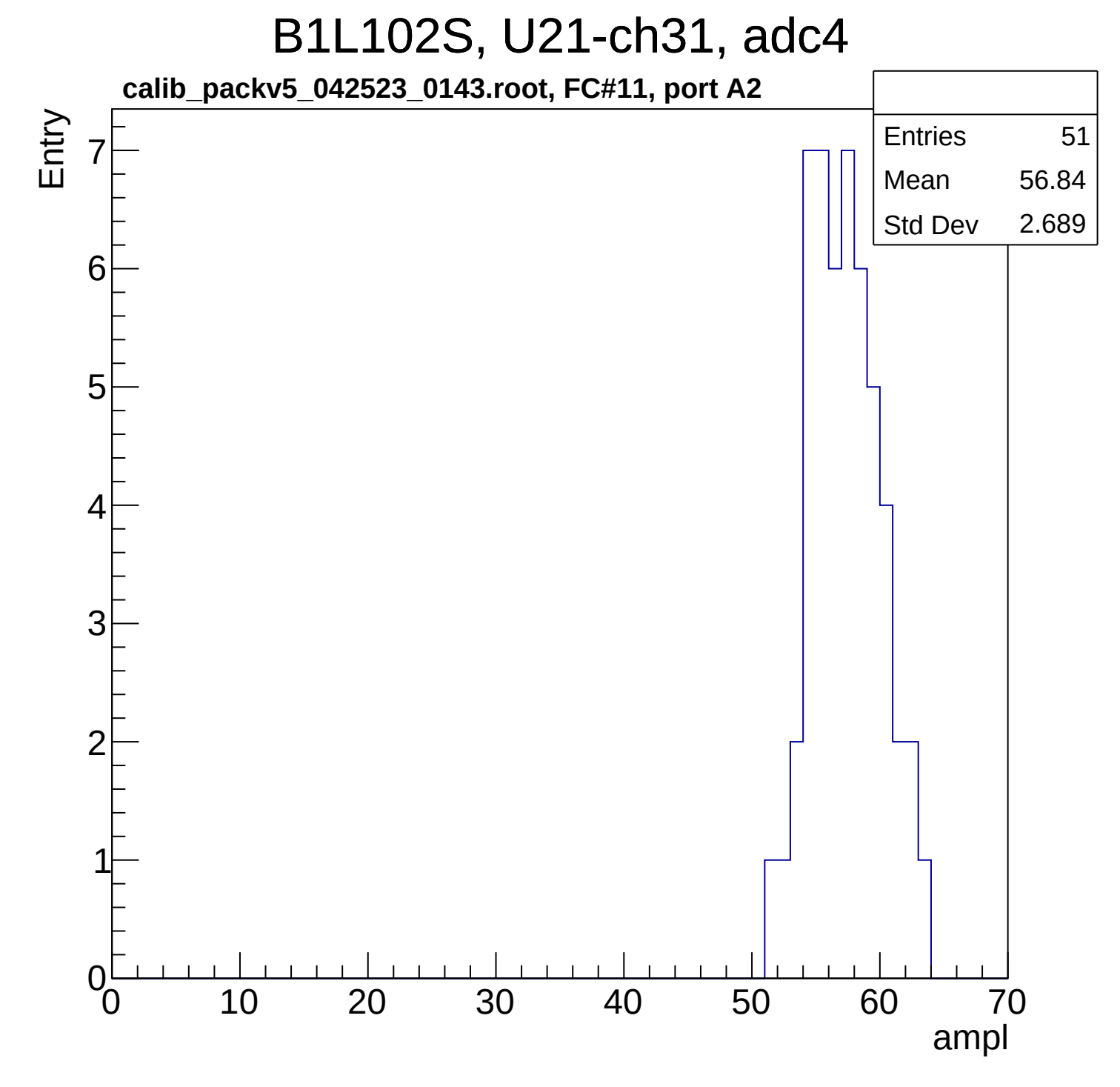
B1L102S, U21-ch31, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 56.84
Std Dev 2.689
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
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60
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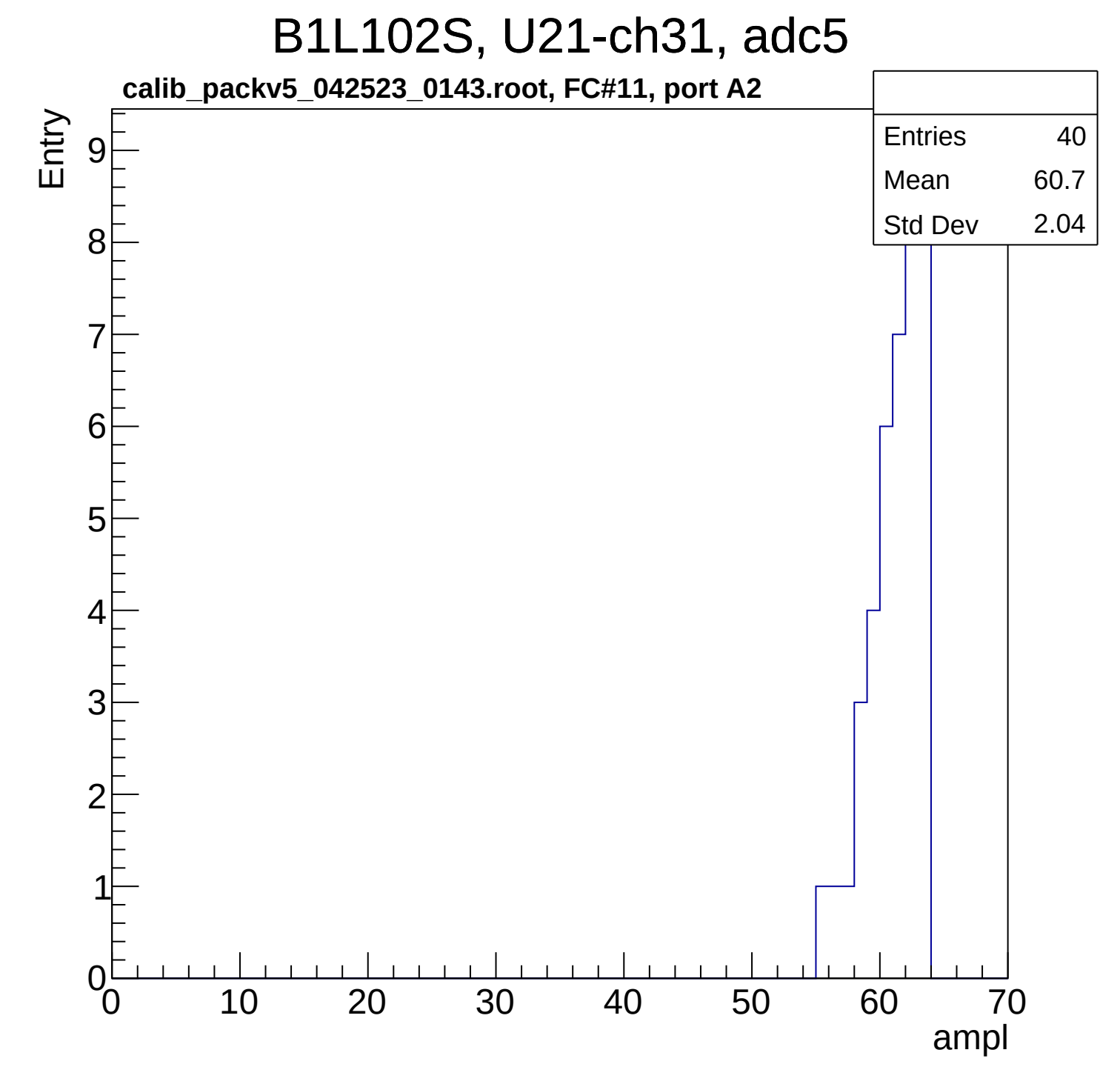
B1L102S, U21-ch31, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 40
Mean 60.7
Std Dev 2.04
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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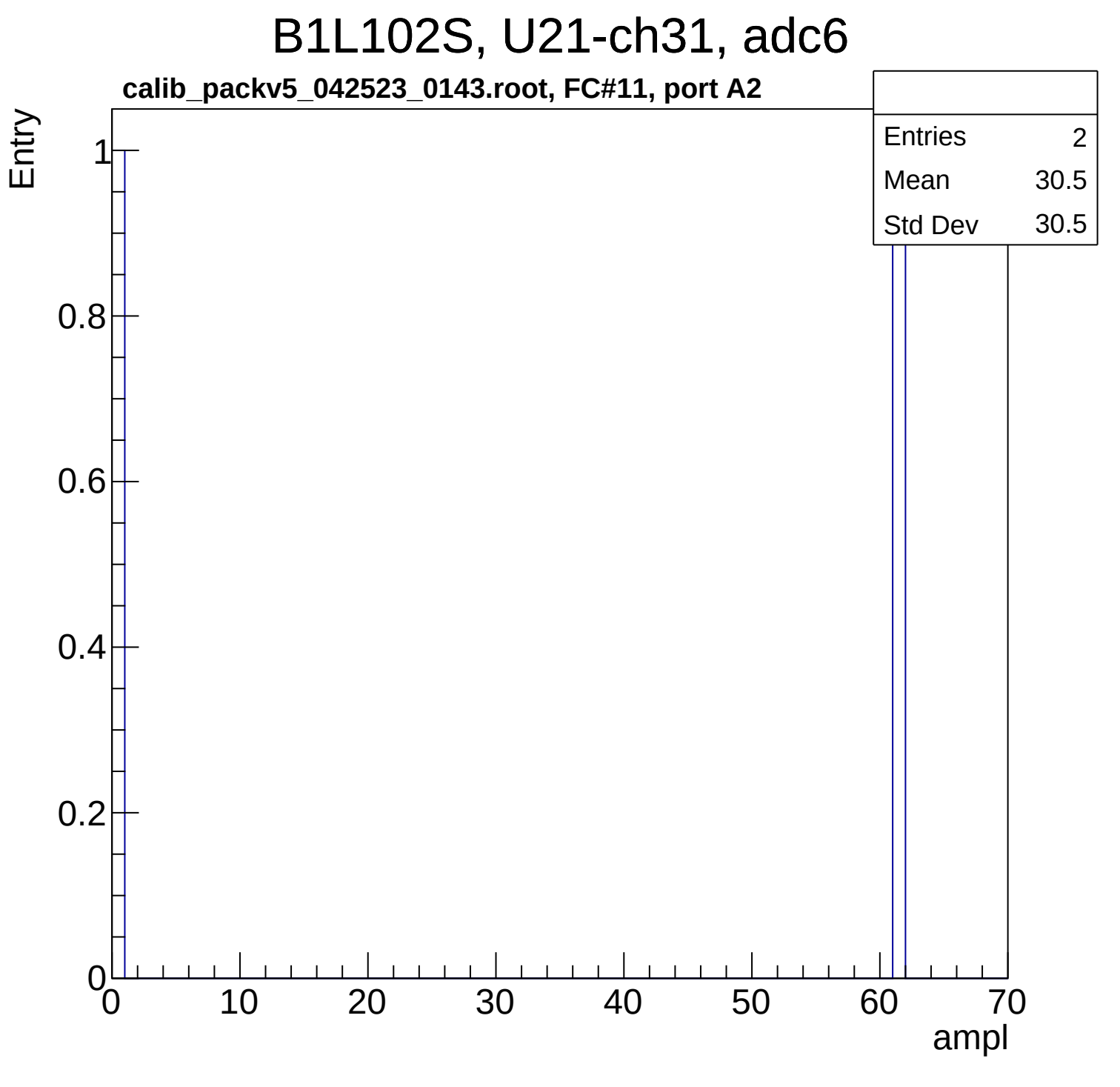
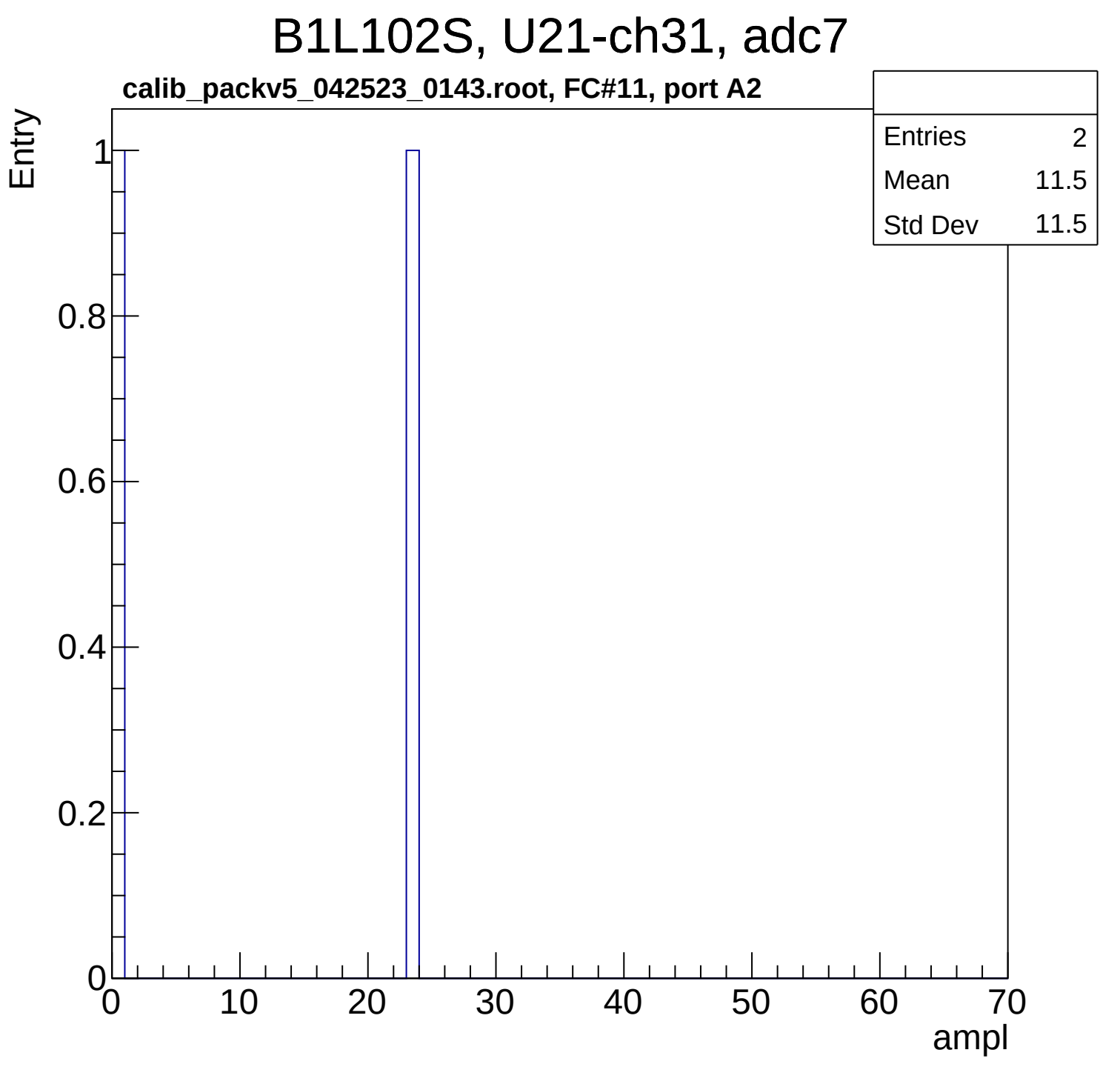
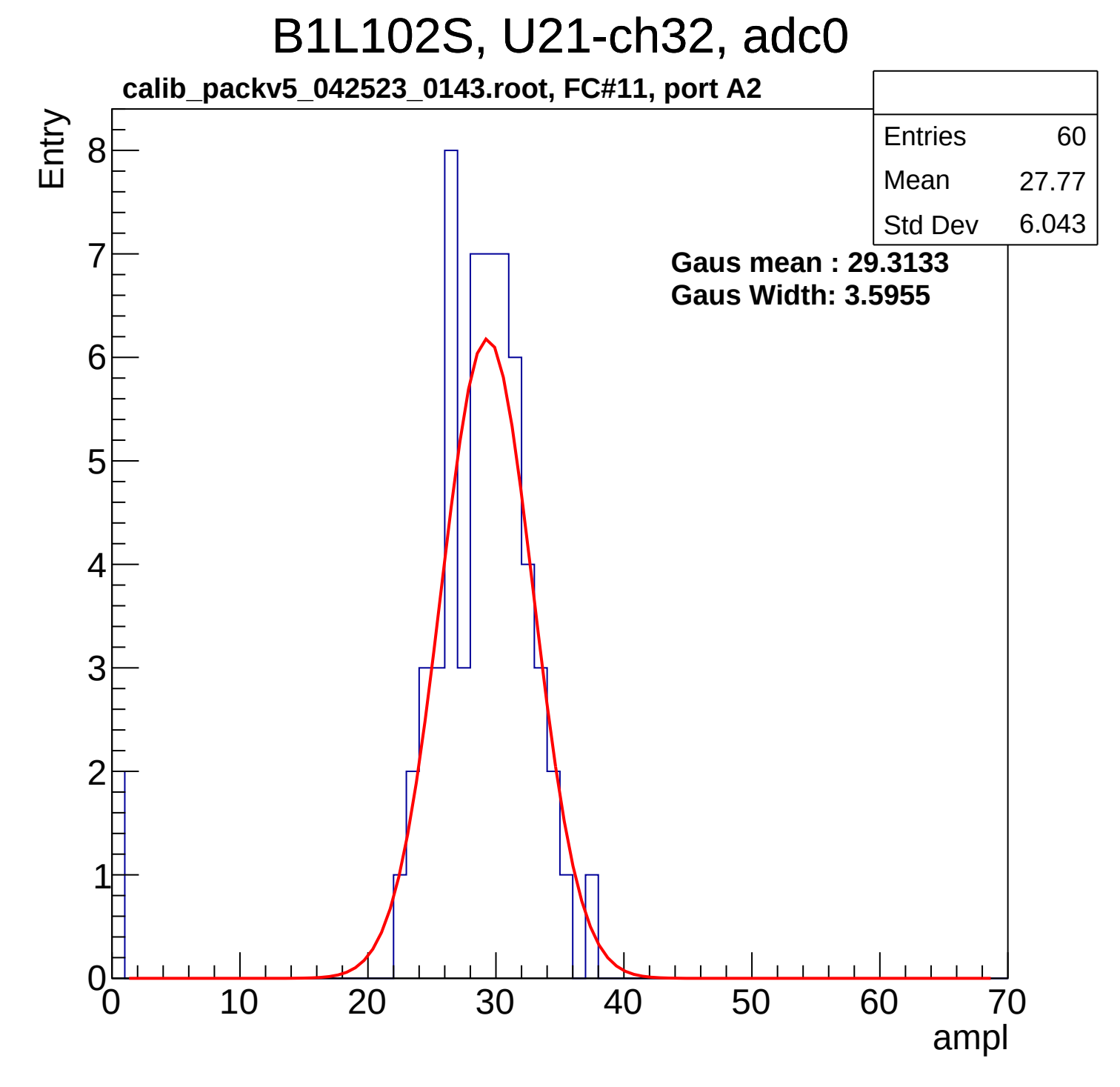
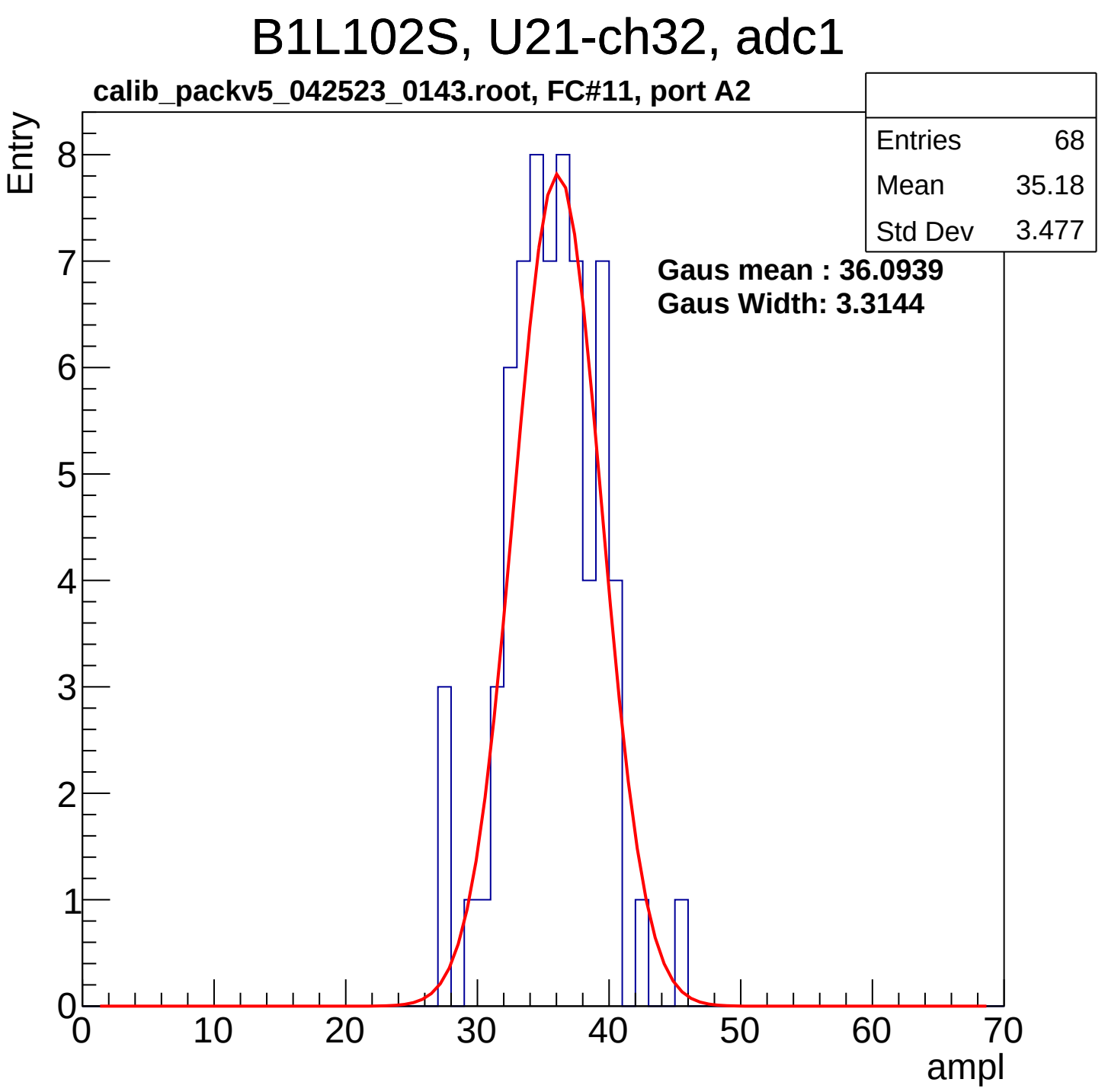

B1L102S, U21-ch31, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 30.5
Std Dev 30.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L102S, U21-ch31, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 11.5
Std Dev 11.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L102S, U21-ch32, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 27.77
Std Dev 6.043
Gaus mean : 29.3133
Gaus Width: 3.5955
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch32, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 35.18
Std Dev 3.477
Gaus mean : 36.0939
Gaus Width: 3.3144
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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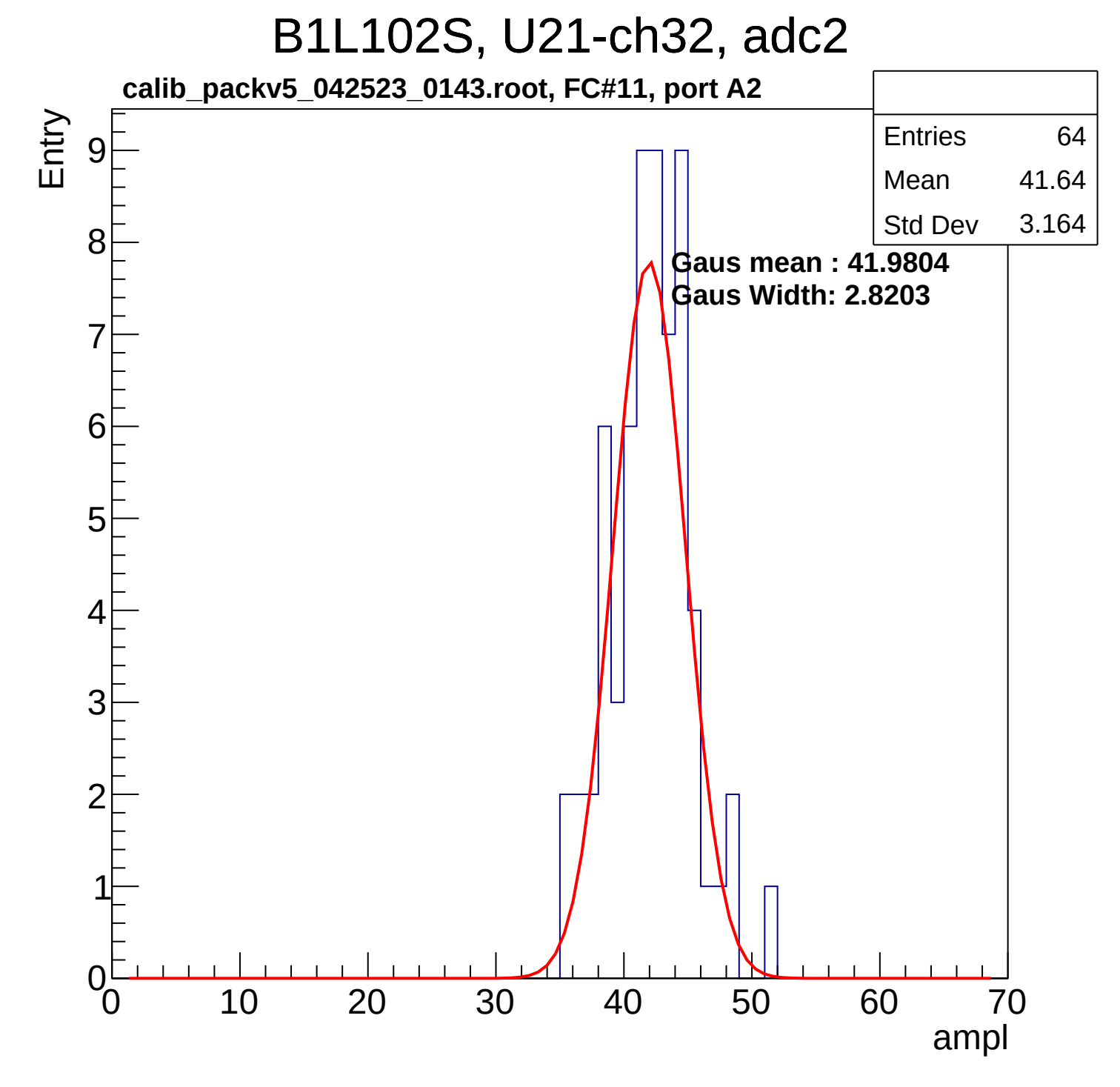
B1L102S, U21-ch32, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 41.64
Std Dev 3.164
Gaus mean : 41.9804
Gaus Width: 2.8203
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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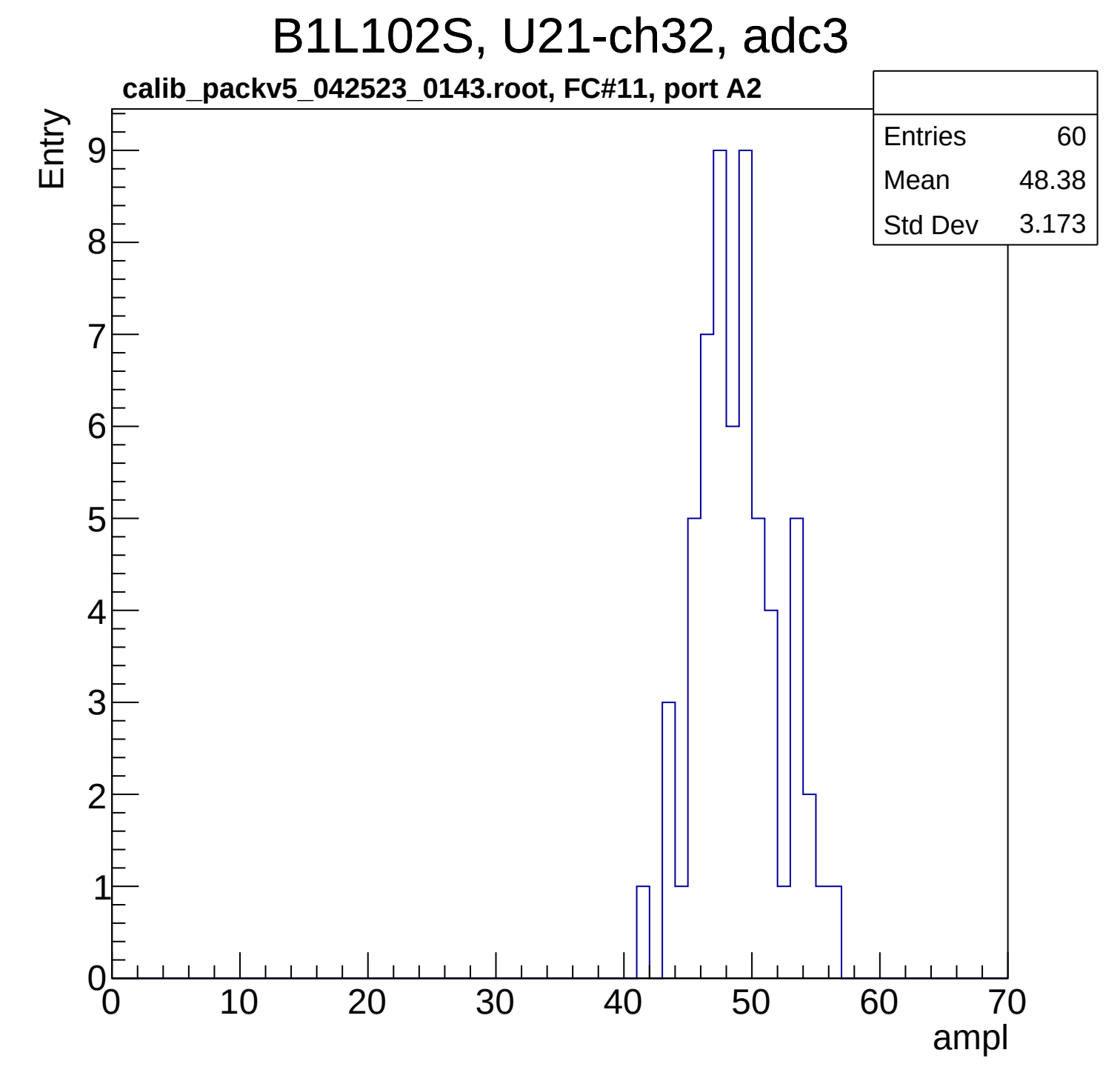
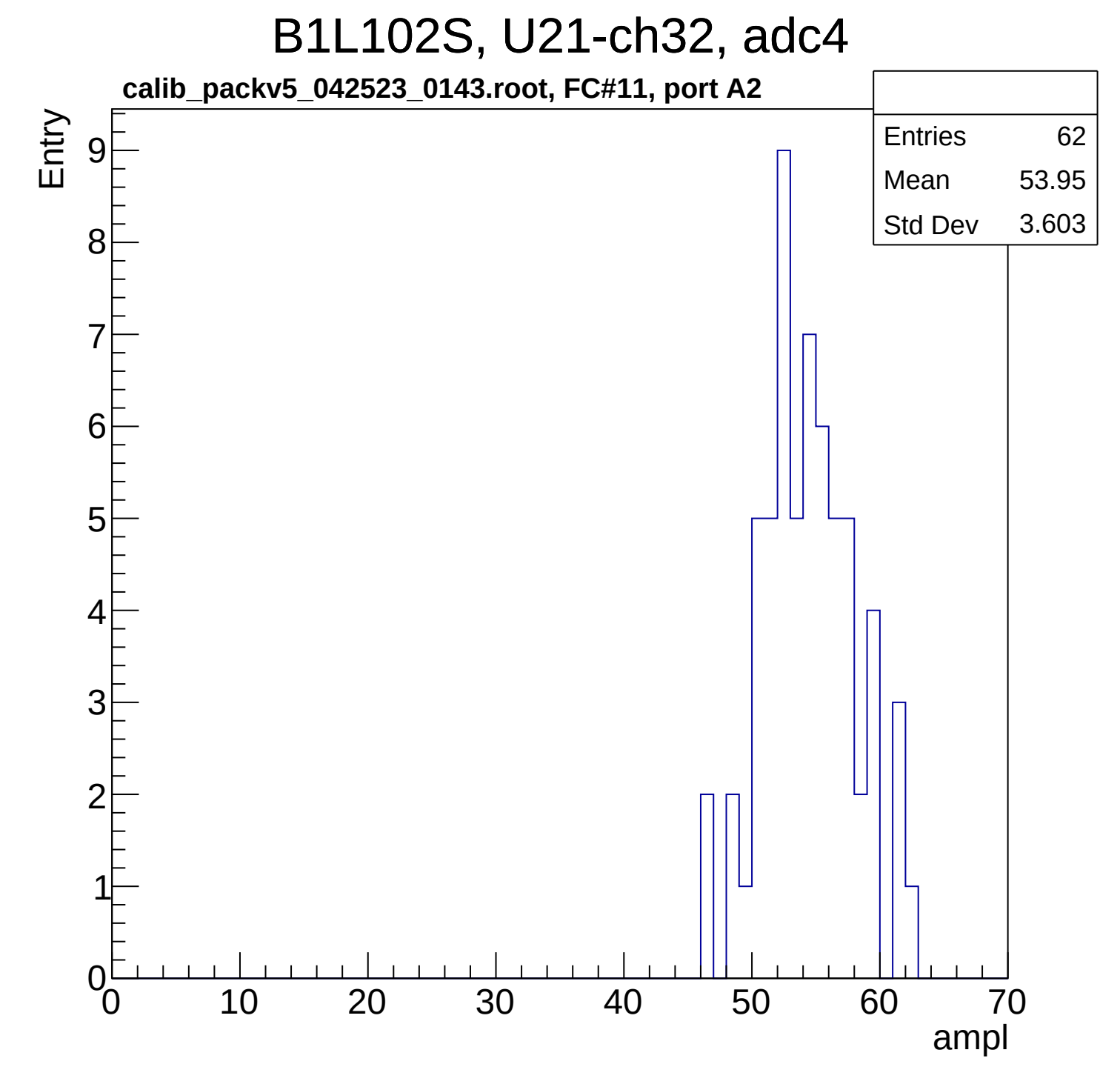
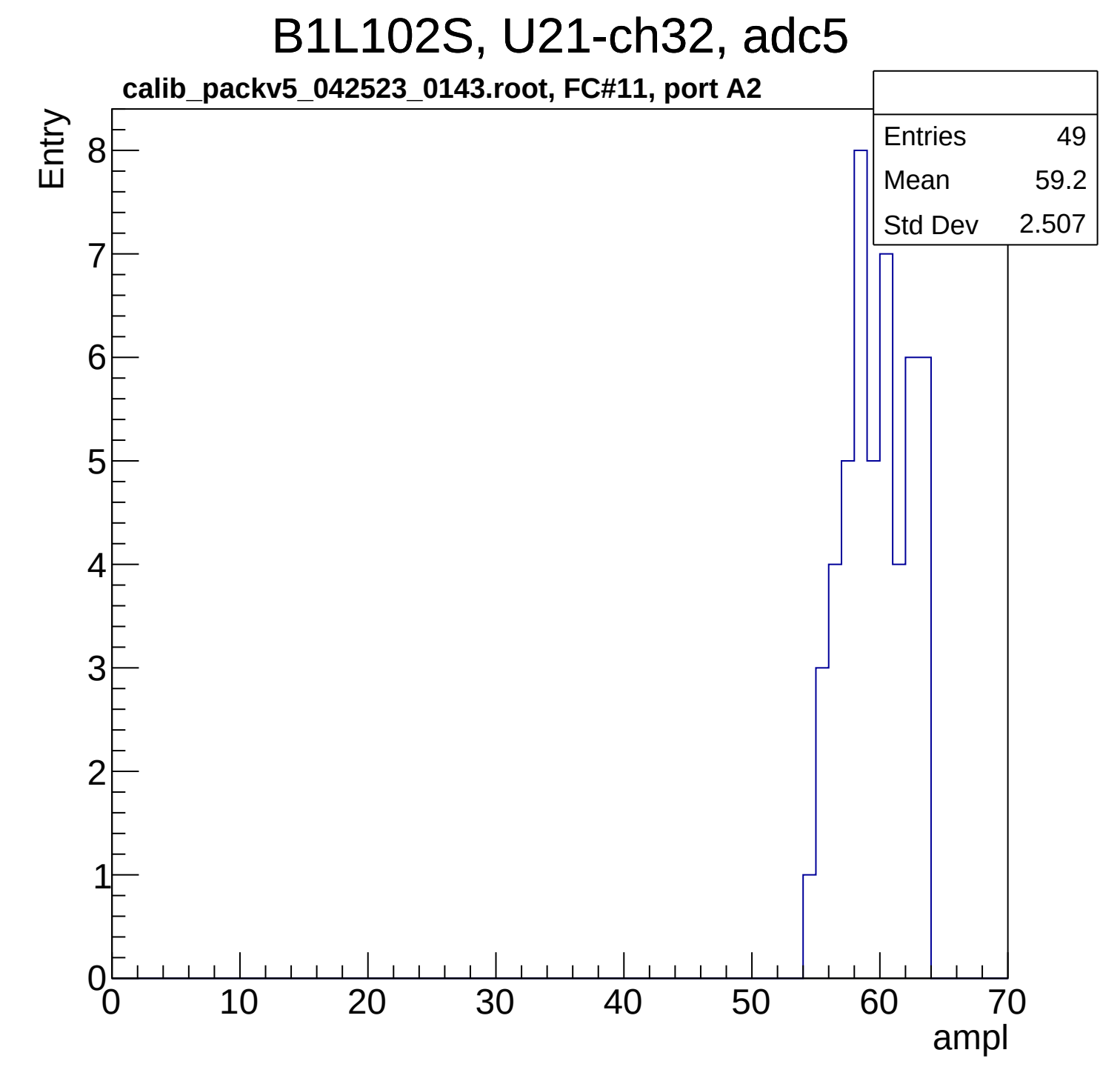

B1L102S, U21-ch32, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 48.38
Std Dev 3.173
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch32, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 53.95
Std Dev 3.603
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch32, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 59.2
Std Dev 2.507
Entry
ampl
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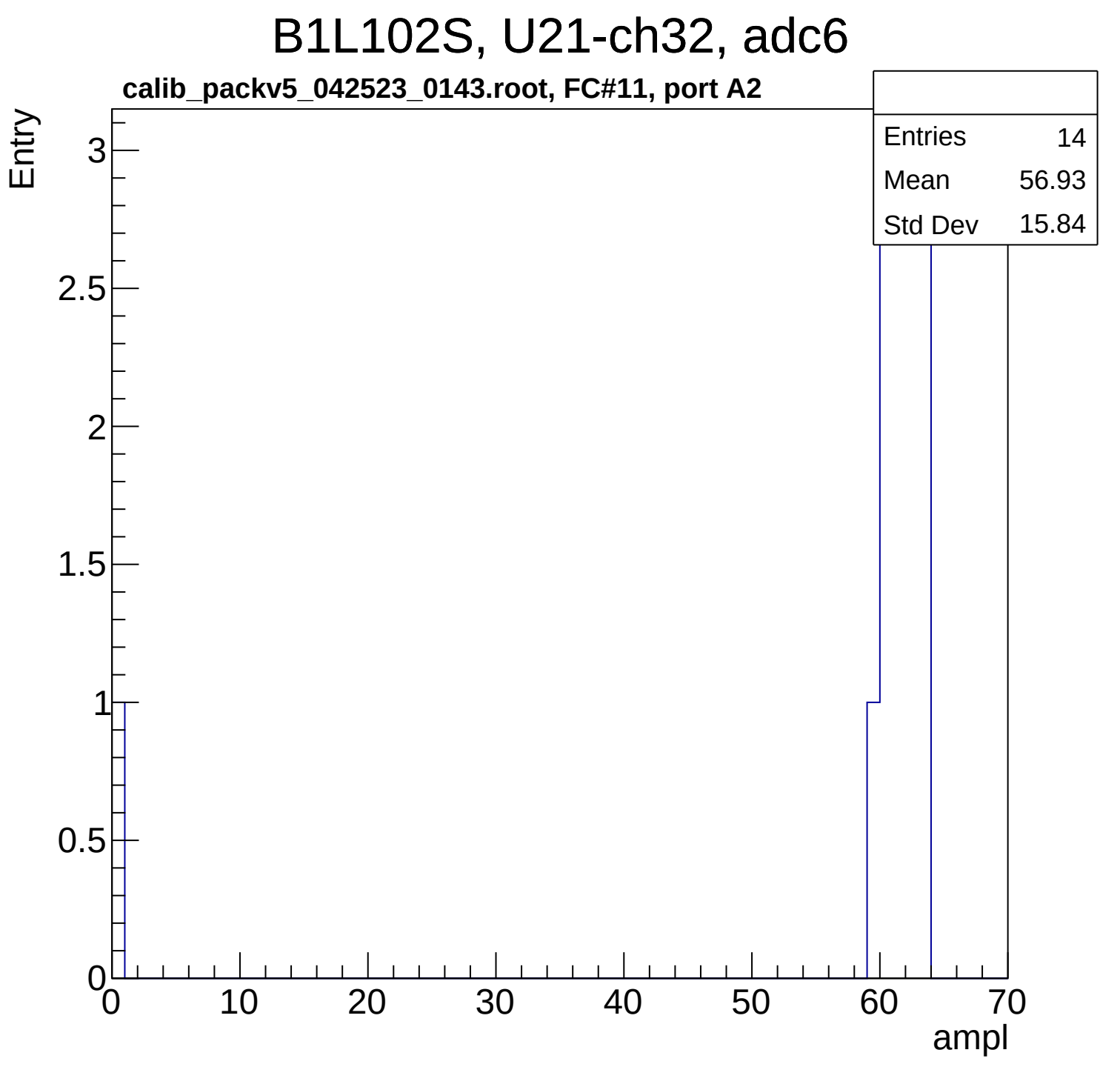
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch32, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 14
Mean 56.93
Std Dev 15.84
Entry
ampl
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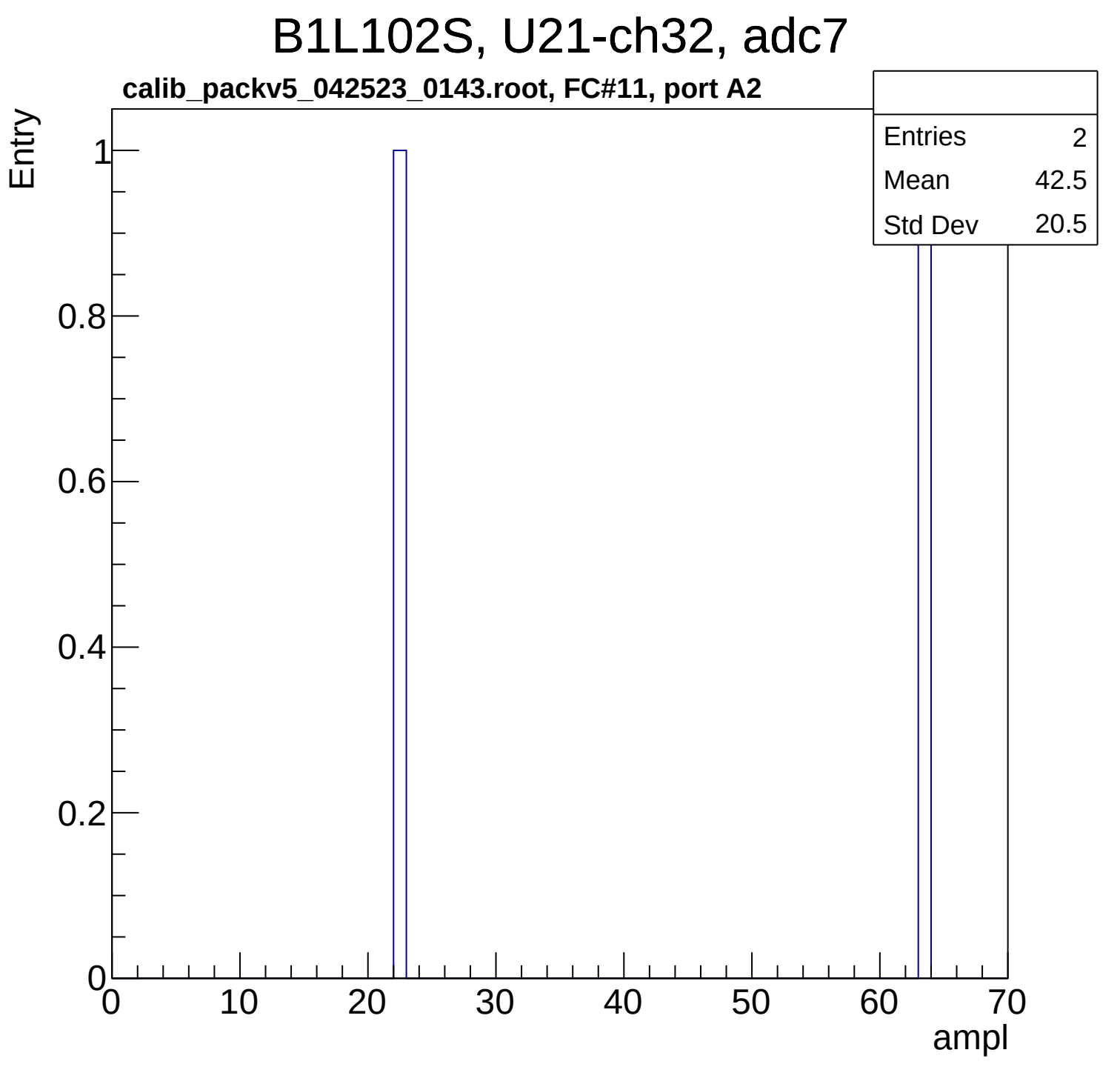
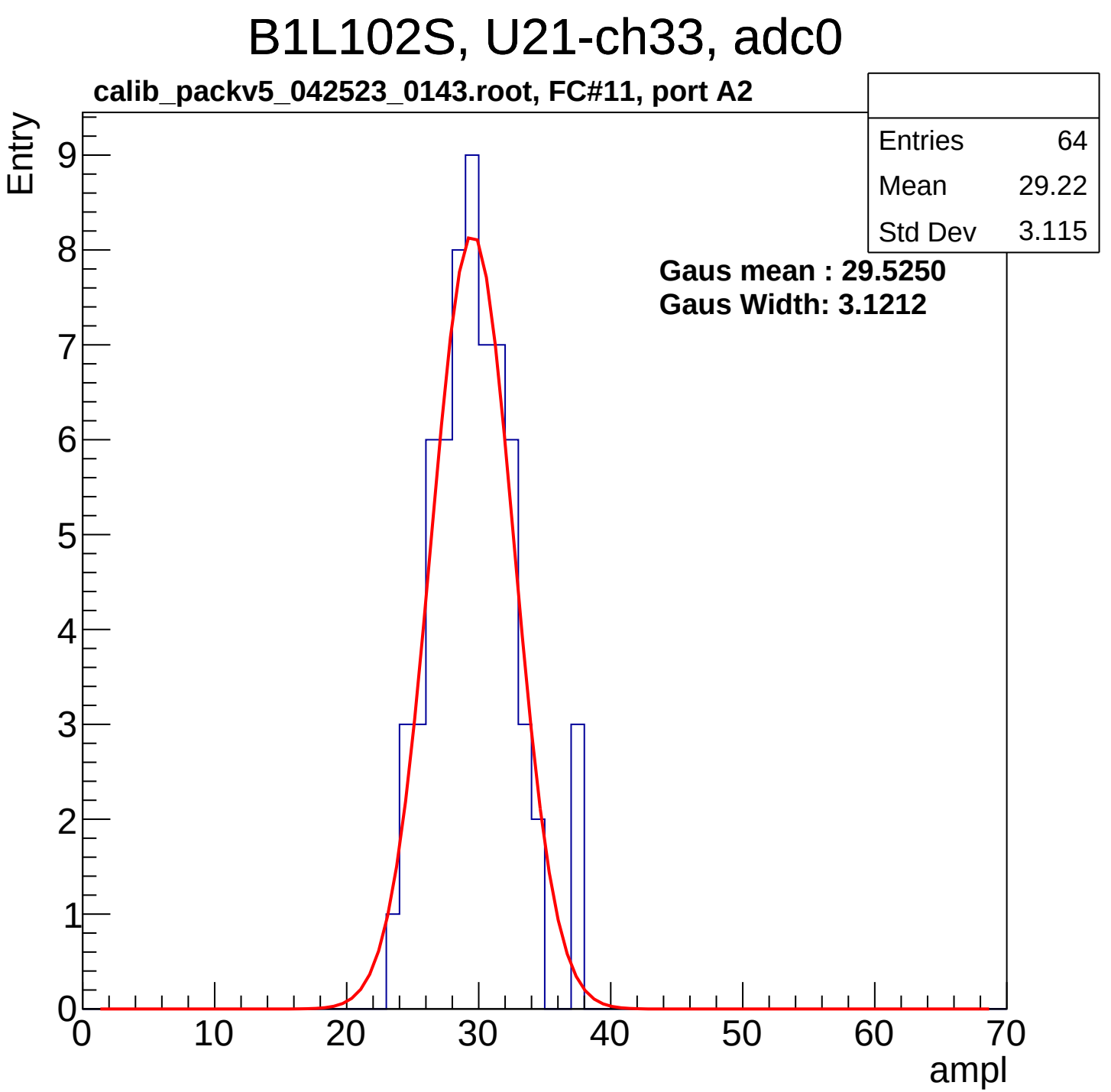
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U21-ch32, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 42.5
Std Dev 20.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L102S, U21-ch33, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 29.22
Std Dev 3.115
Gaus mean : 29.5250
Gaus Width: 3.1212
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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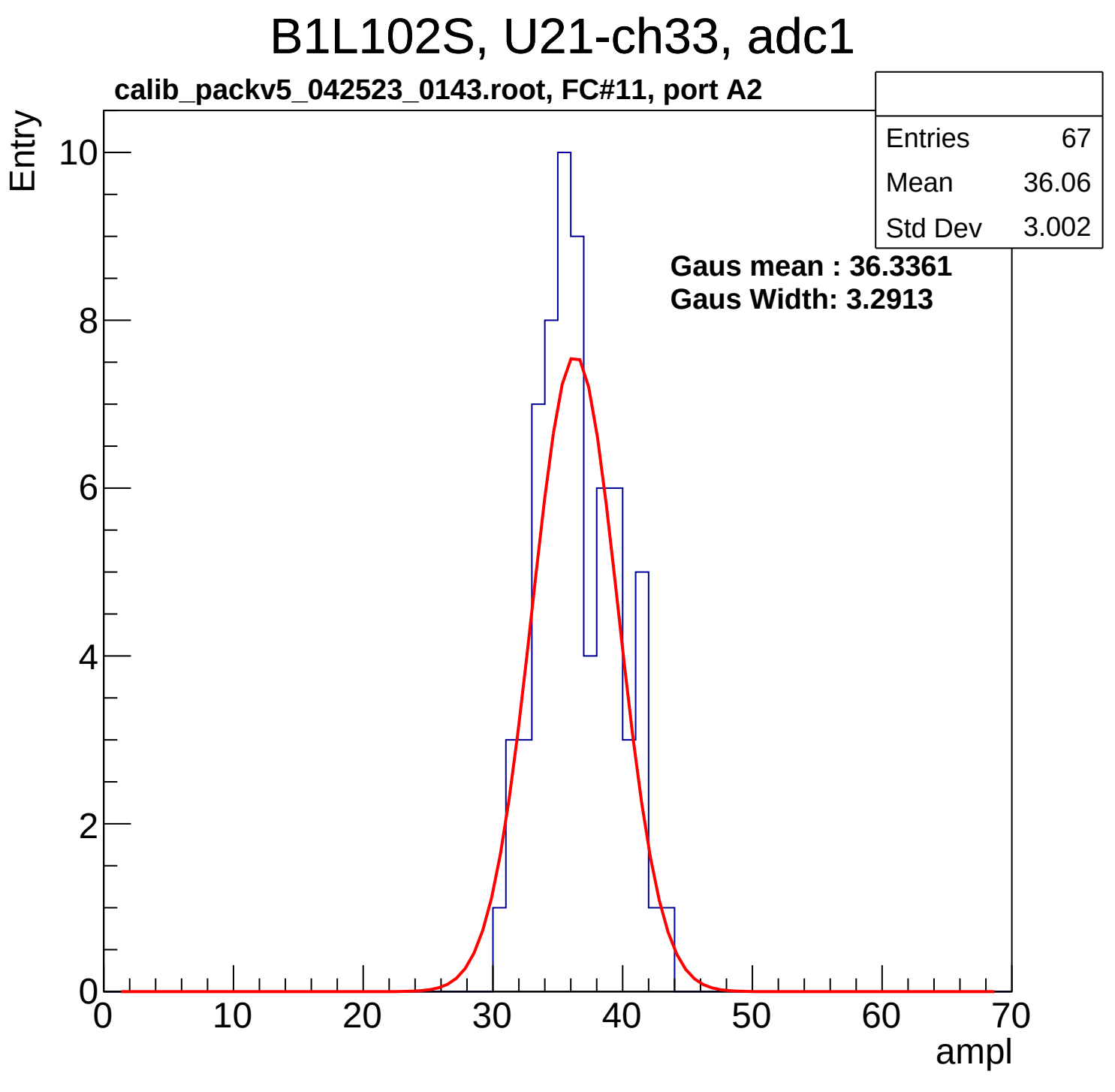
20
30
40
50
60
70


B1L102S, U21-ch33, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 36.06
Std Dev 3.002
Gaus mean : 36.3361
Gaus Width: 3.2913
Entry
ampl
0
2
4
6
8
10
0
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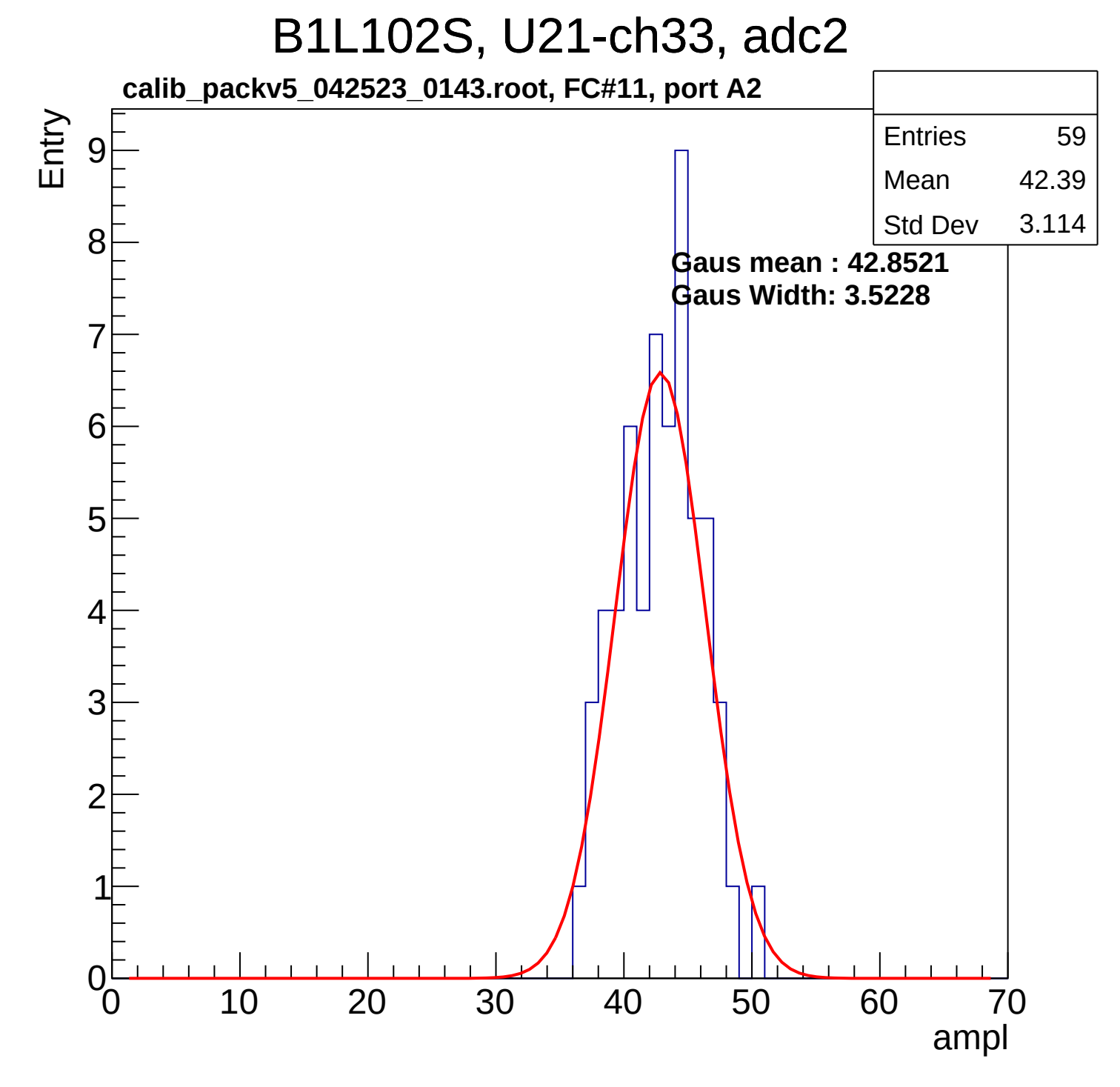
60
70


B1L102S, U21-ch33, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 42.39
Std Dev 3.114
Gaus mean : 42.8521
Gaus Width: 3.5228
Entry
ampl
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3
4
5
6
7
8
9
0
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60
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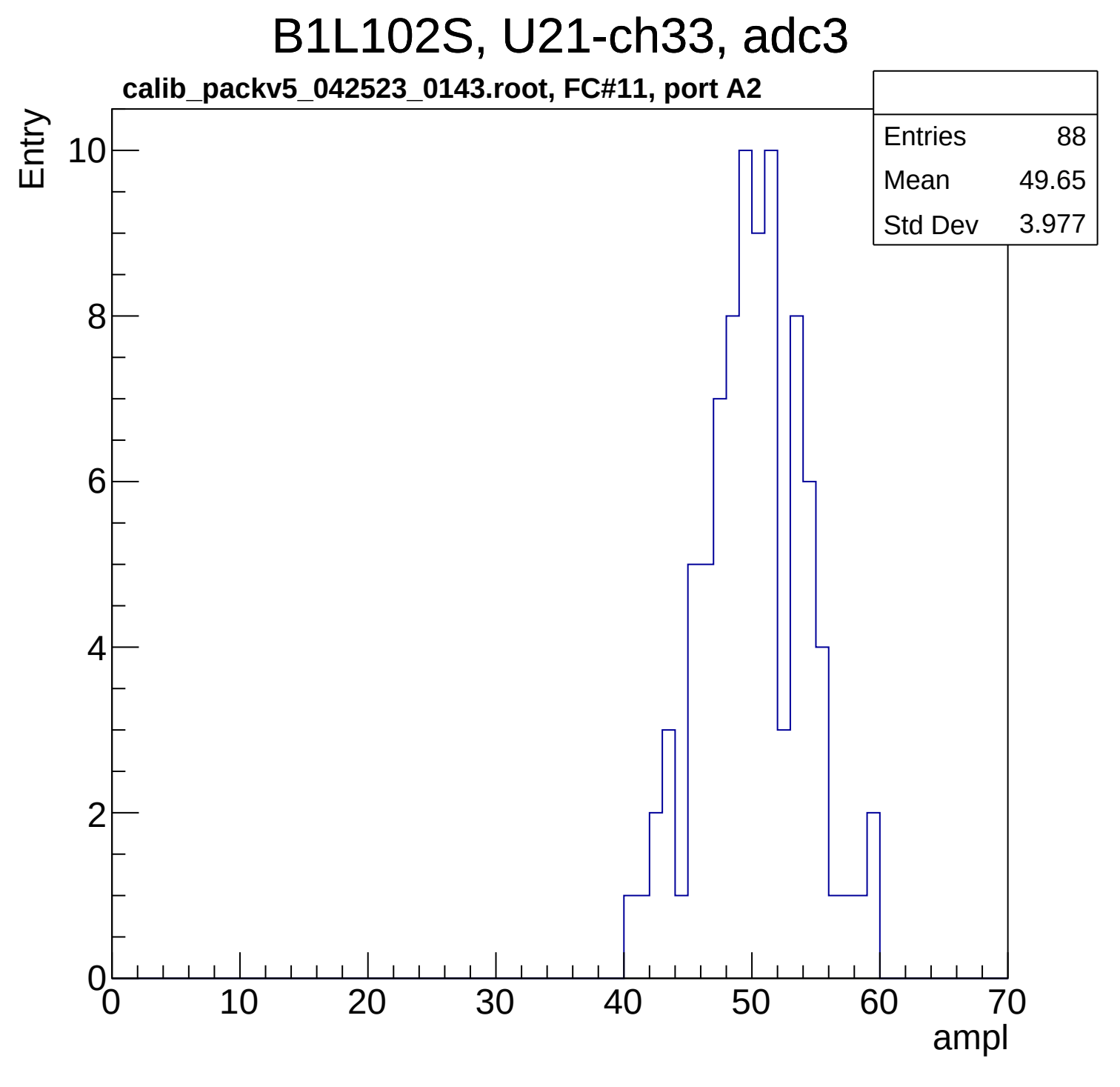
B1L102S, U21-ch33, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 88
Mean 49.65
Std Dev 3.977
Entry
ampl
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2
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40
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60
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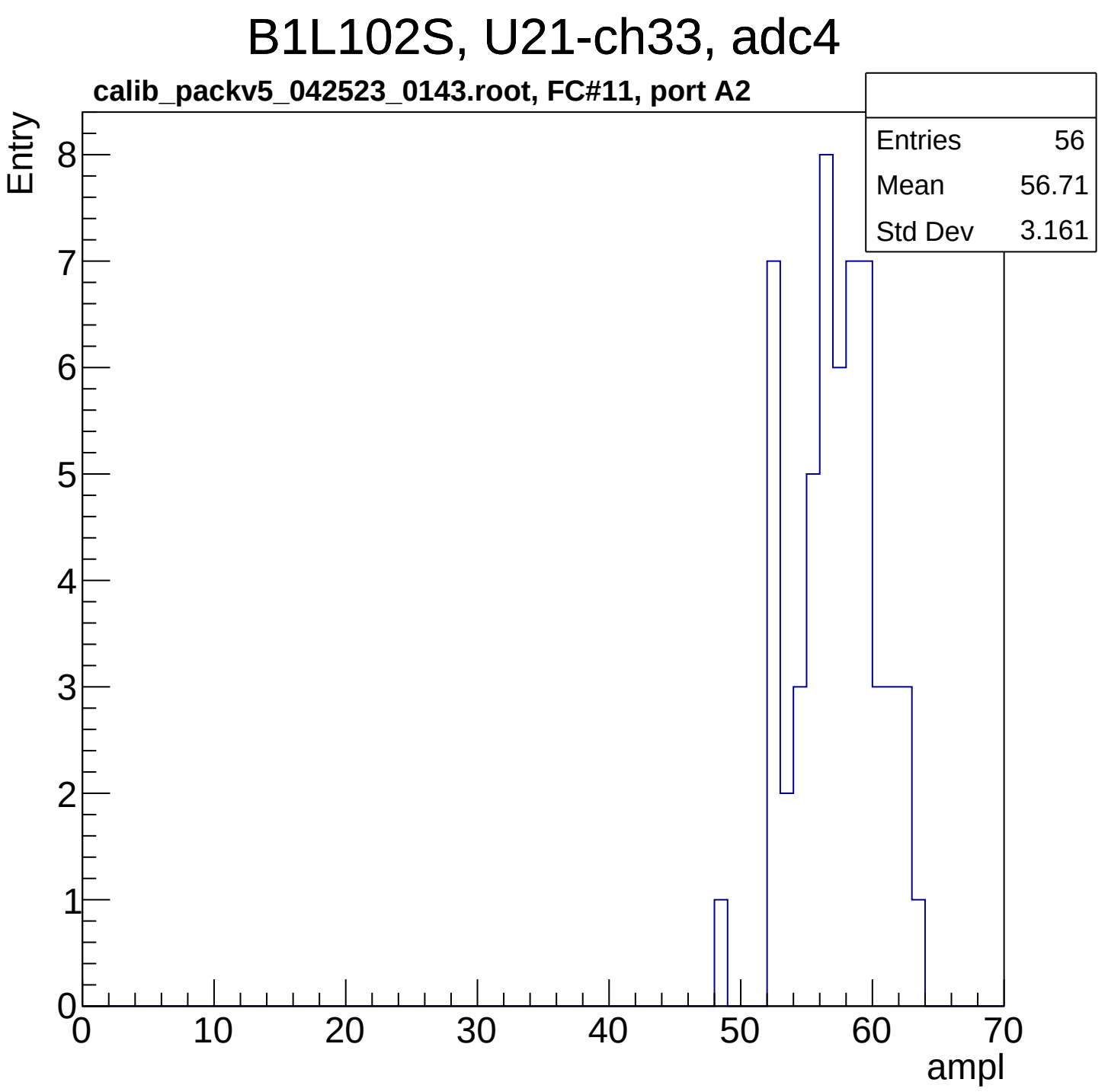
B1L102S, U21-ch33, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 56.71
Std Dev 3.161
Entry
ampl
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1
2
3
4
5
6
7
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0
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40
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60
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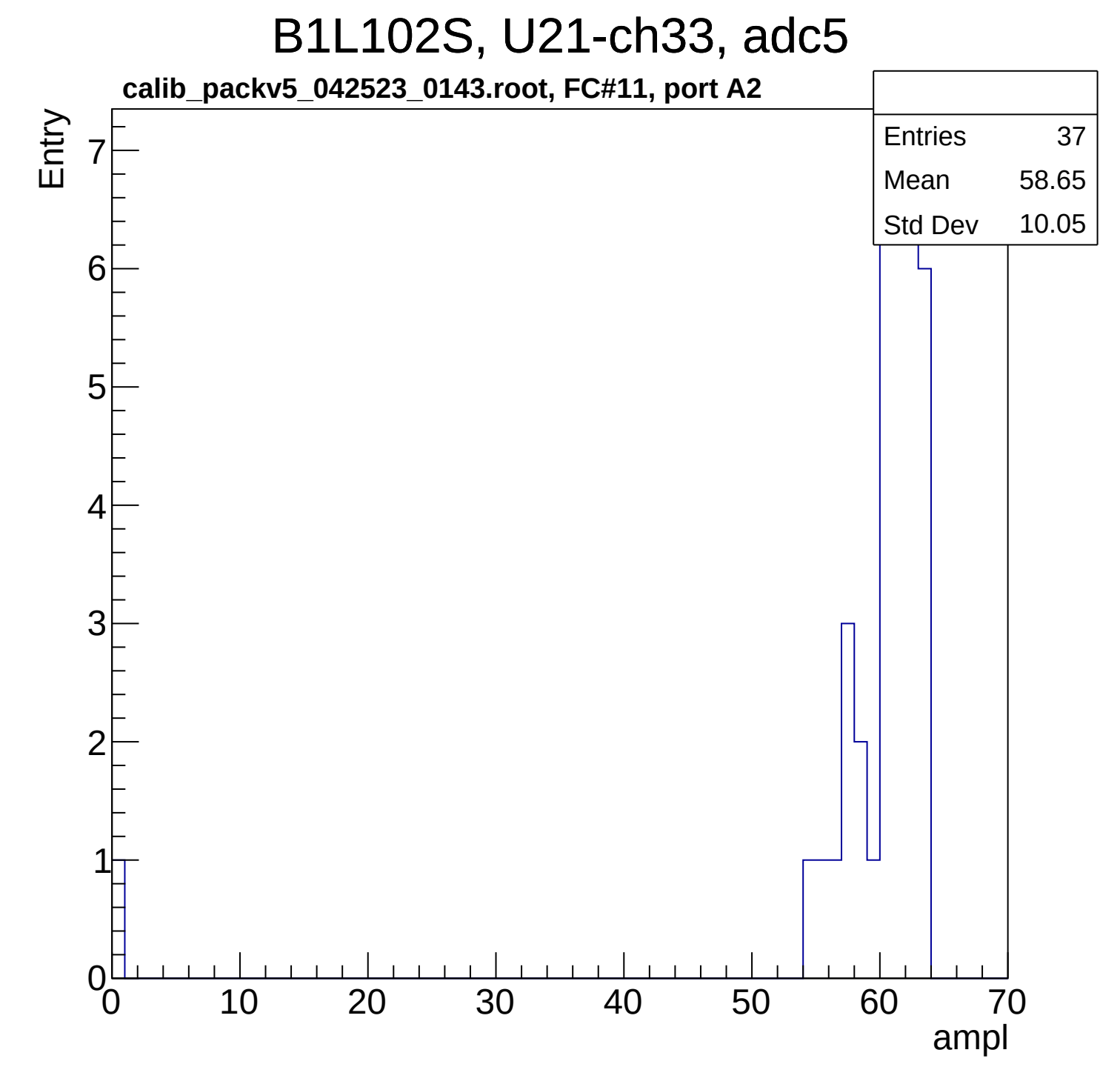
B1L102S, U21-ch33, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 37
Mean 58.65
Std Dev 10.05
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
30
40
50
60
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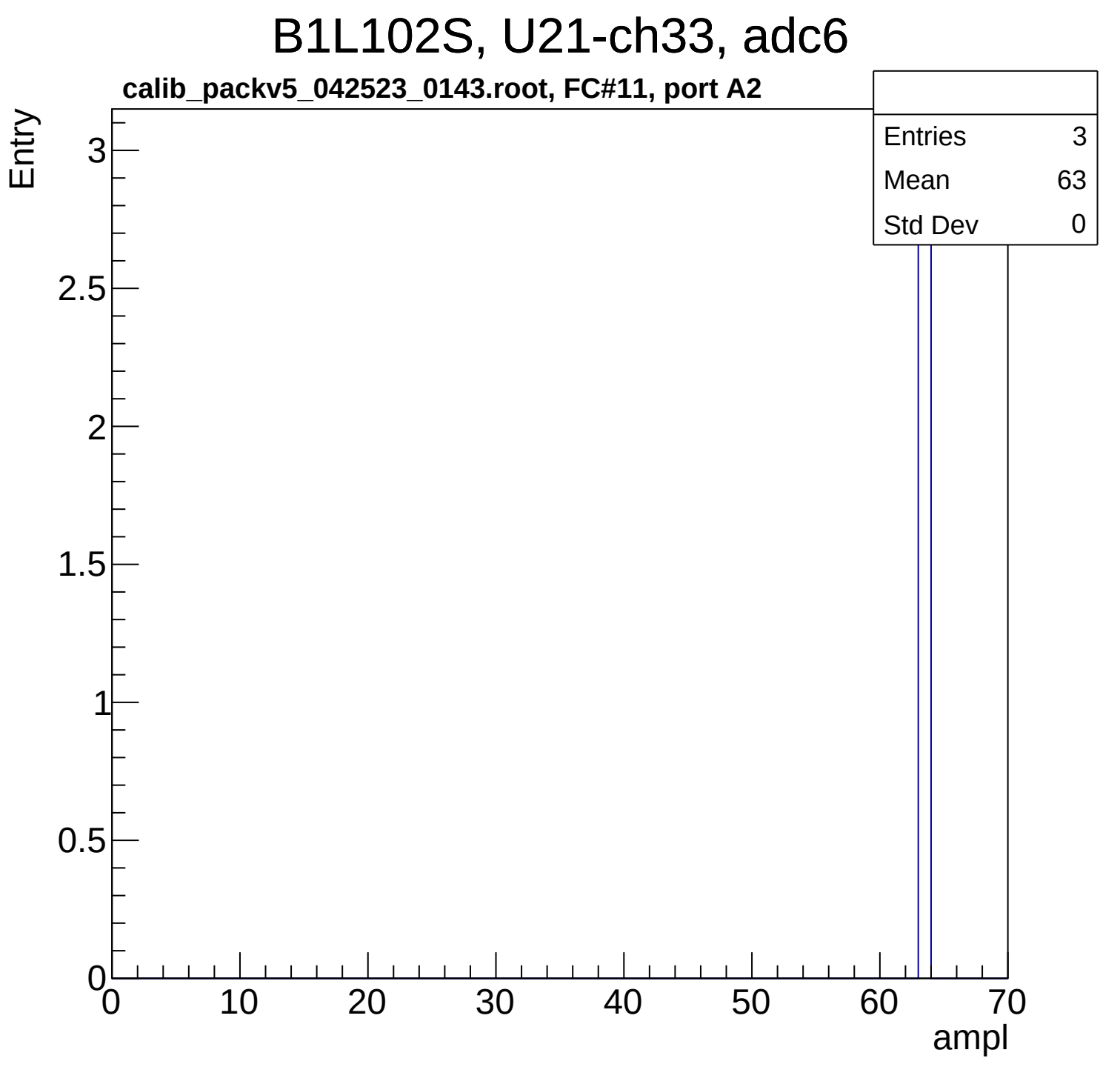
B1L102S, U21-ch33, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 63
Std Dev 0
Entry
ampl
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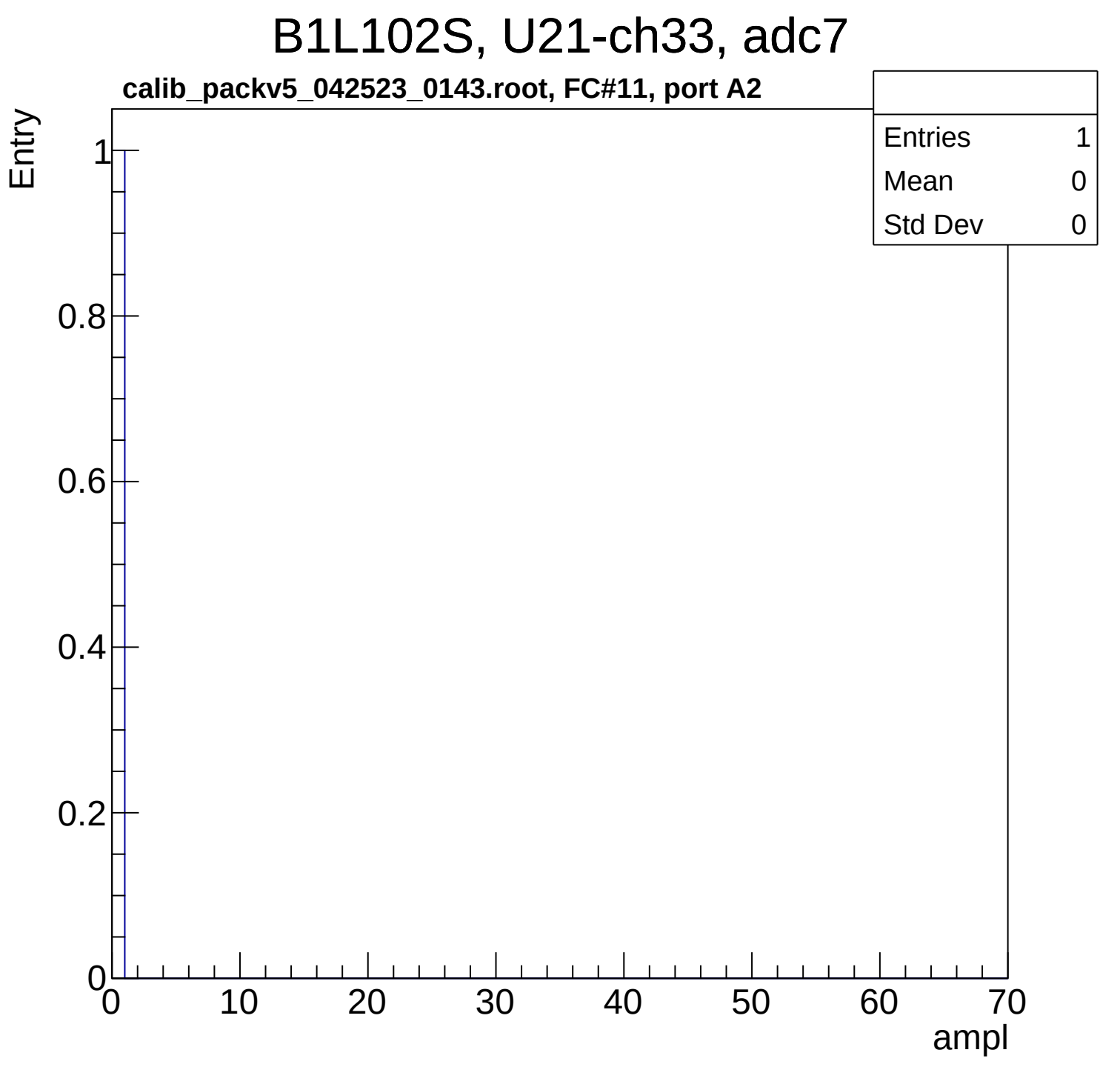
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U21-ch33, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
0.4
0.2
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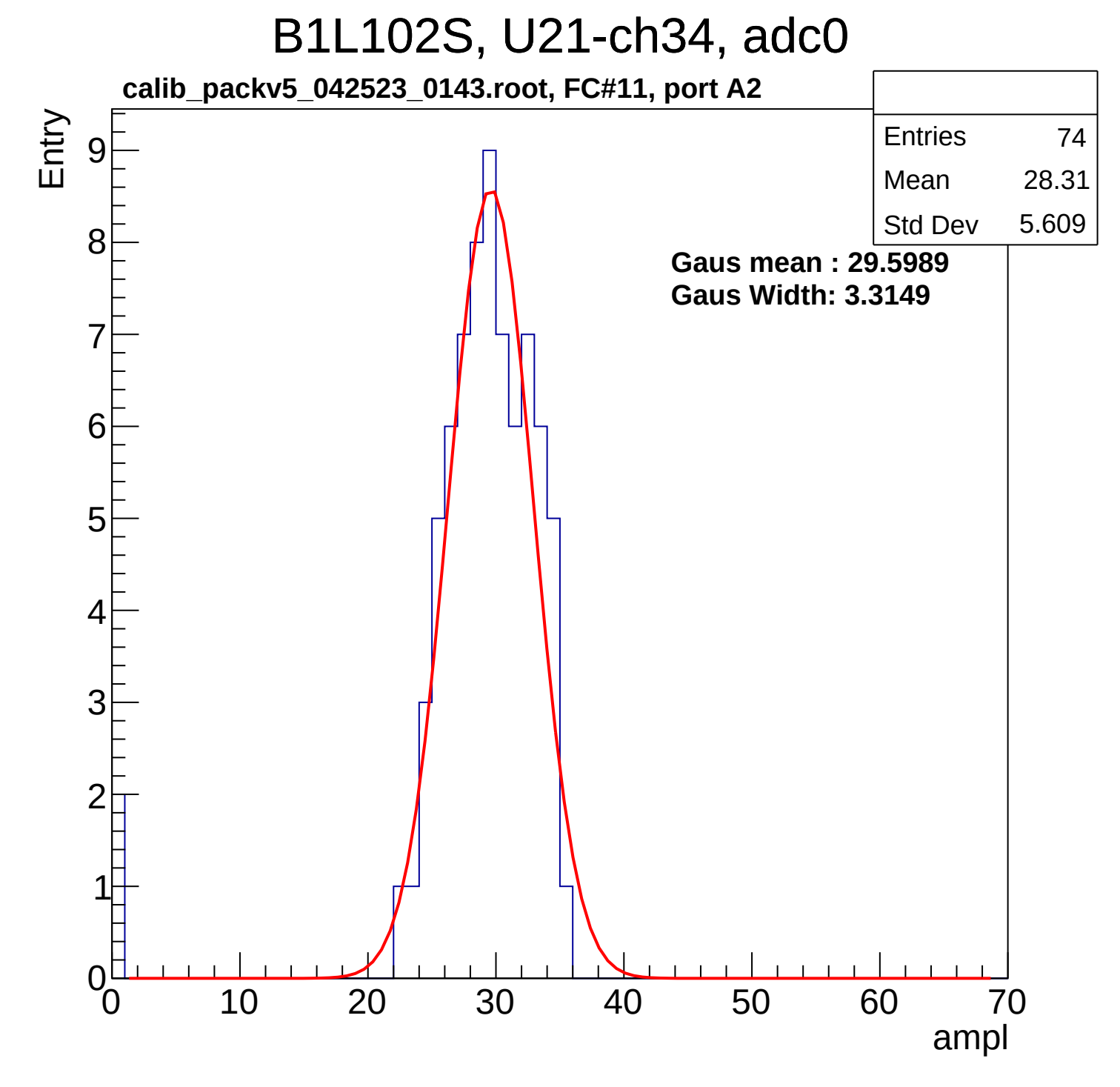
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch34, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 28.31
Std Dev 5.609
Gaus mean : 29.5989
Gaus Width: 3.3149
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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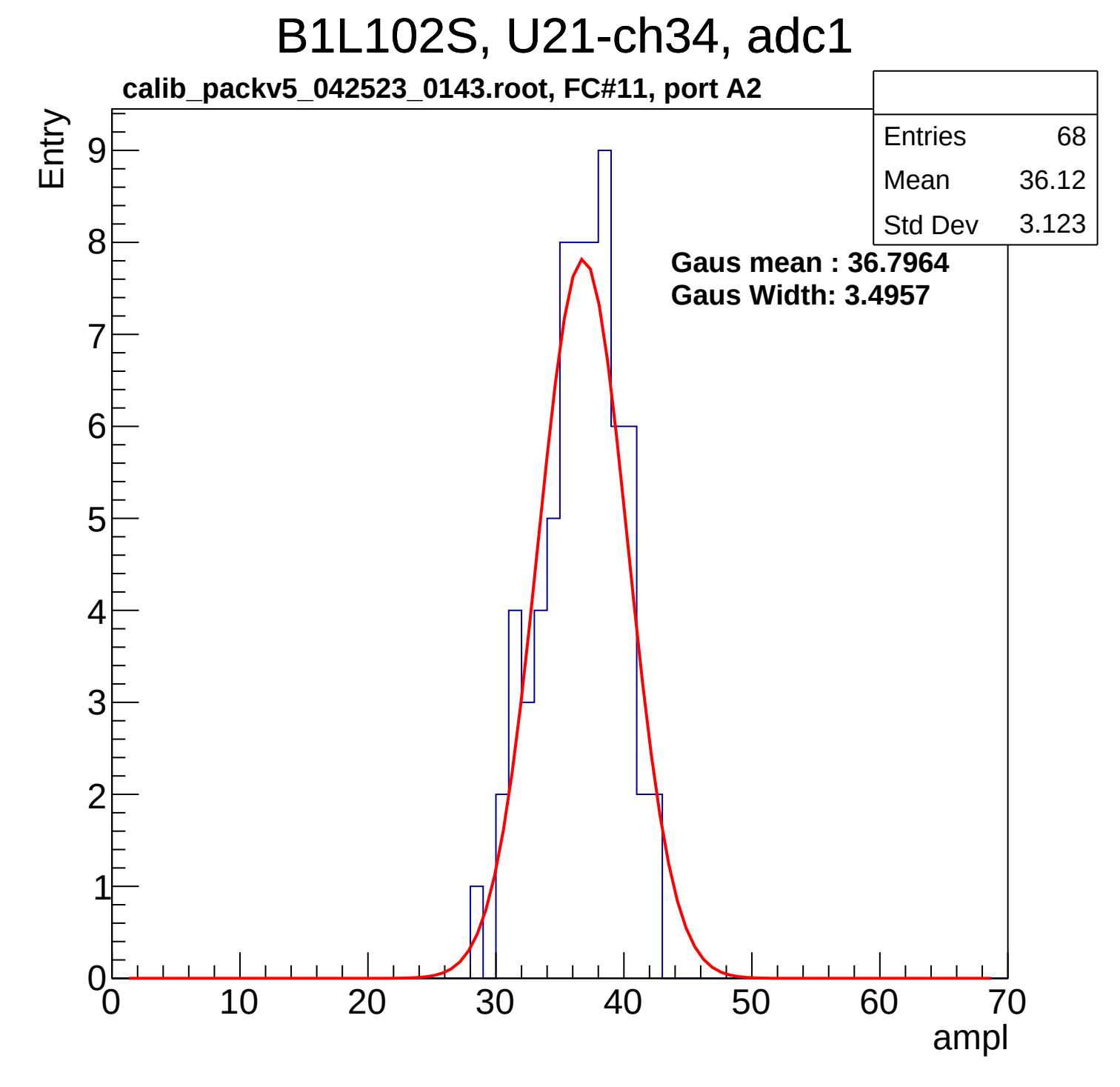
B1L102S, U21-ch34, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 36.12
Std Dev 3.123
Gaus mean : 36.7964
Gaus Width: 3.4957
Entry
ampl
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2
3
4
5
6
7
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9
0
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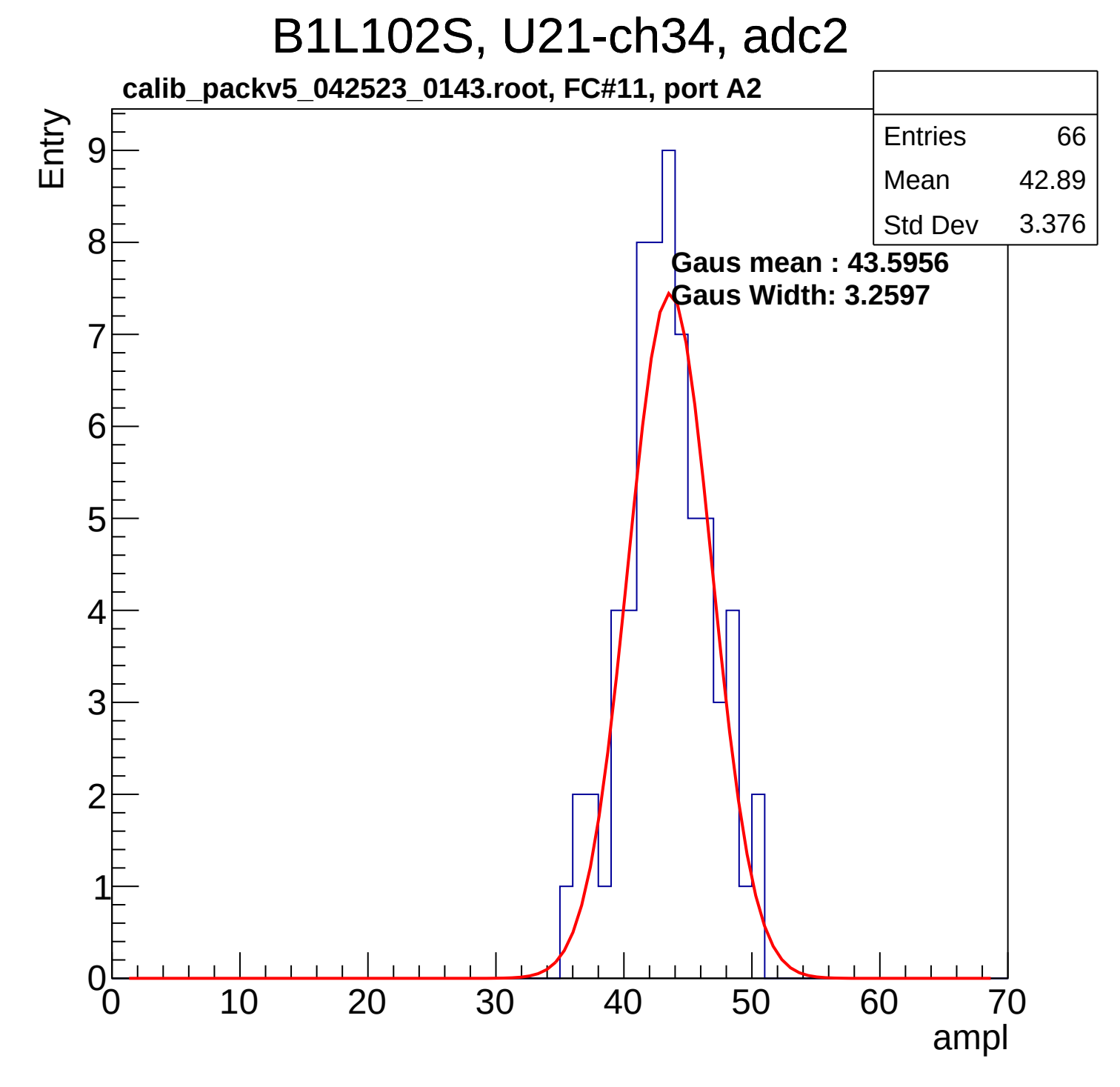
B1L102S, U21-ch34, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 42.89
Std Dev 3.376
Gaus mean : 43.5956
Gaus Width: 3.2597
Entry
ampl
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1
2
3
4
5
6
7
8
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0
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60
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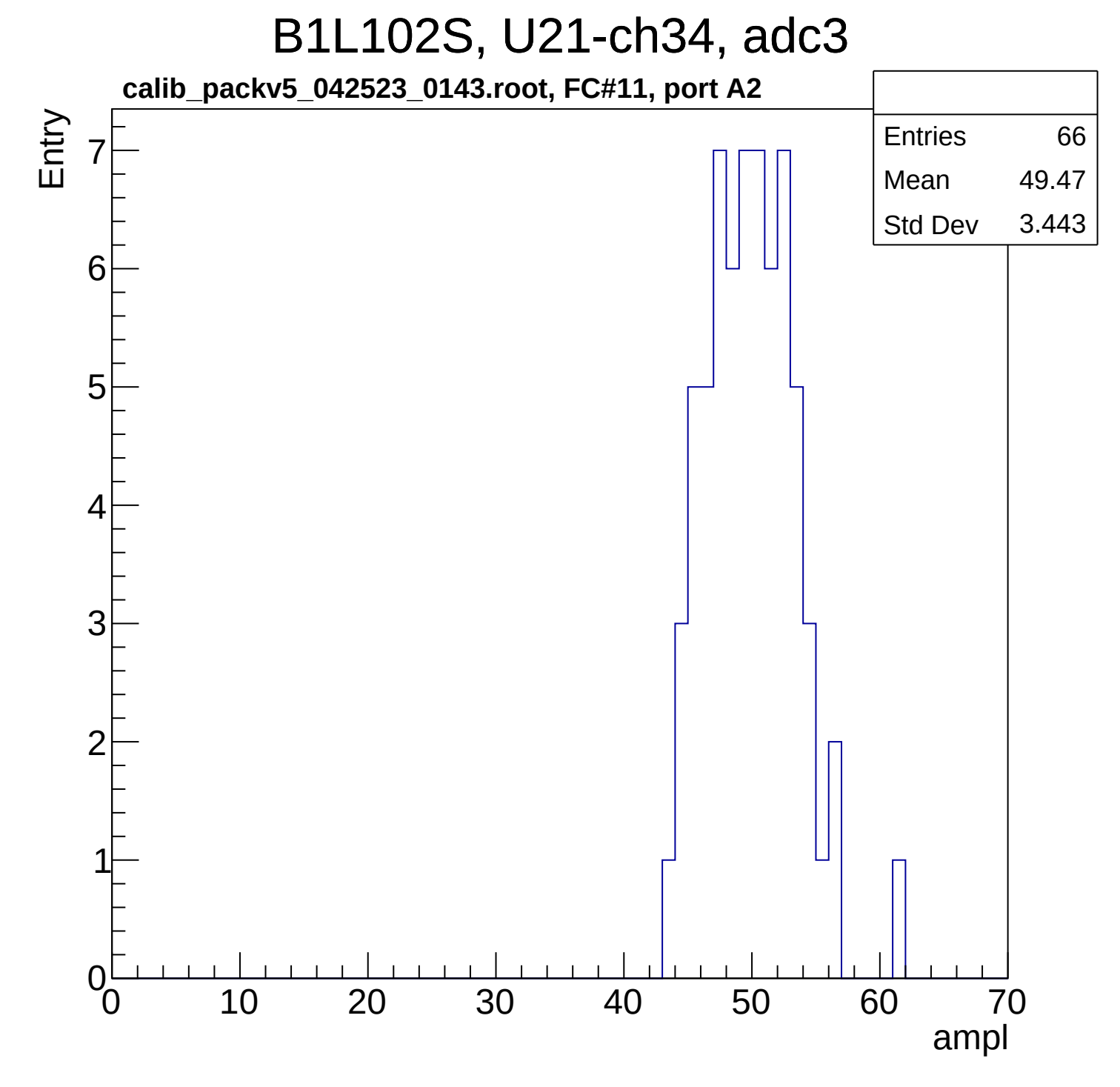
B1L102S, U21-ch34, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 49.47
Std Dev 3.443
Entry
ampl
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60
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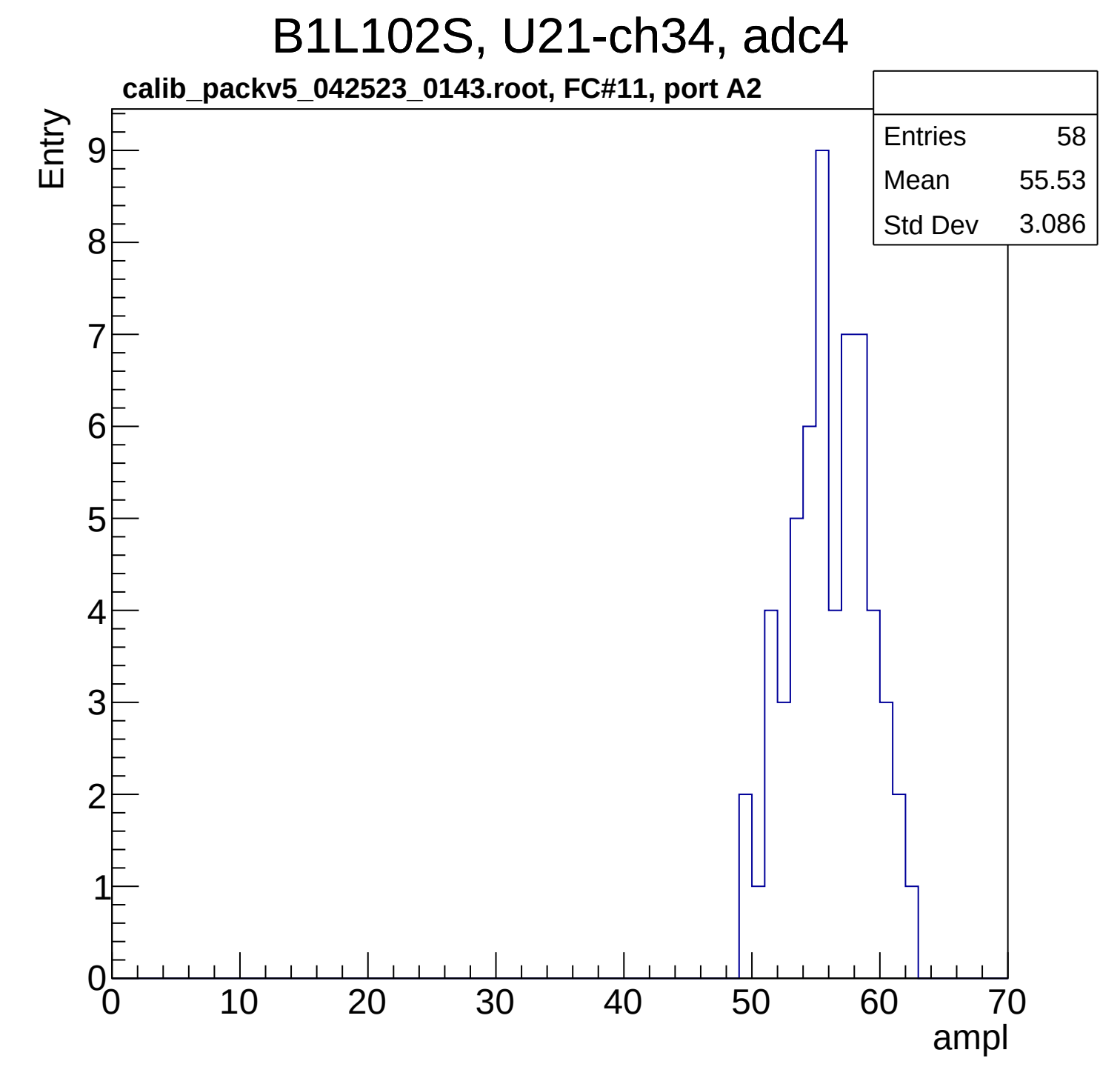
B1L102S, U21-ch34, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 55.53
Std Dev 3.086
Entry
ampl
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3
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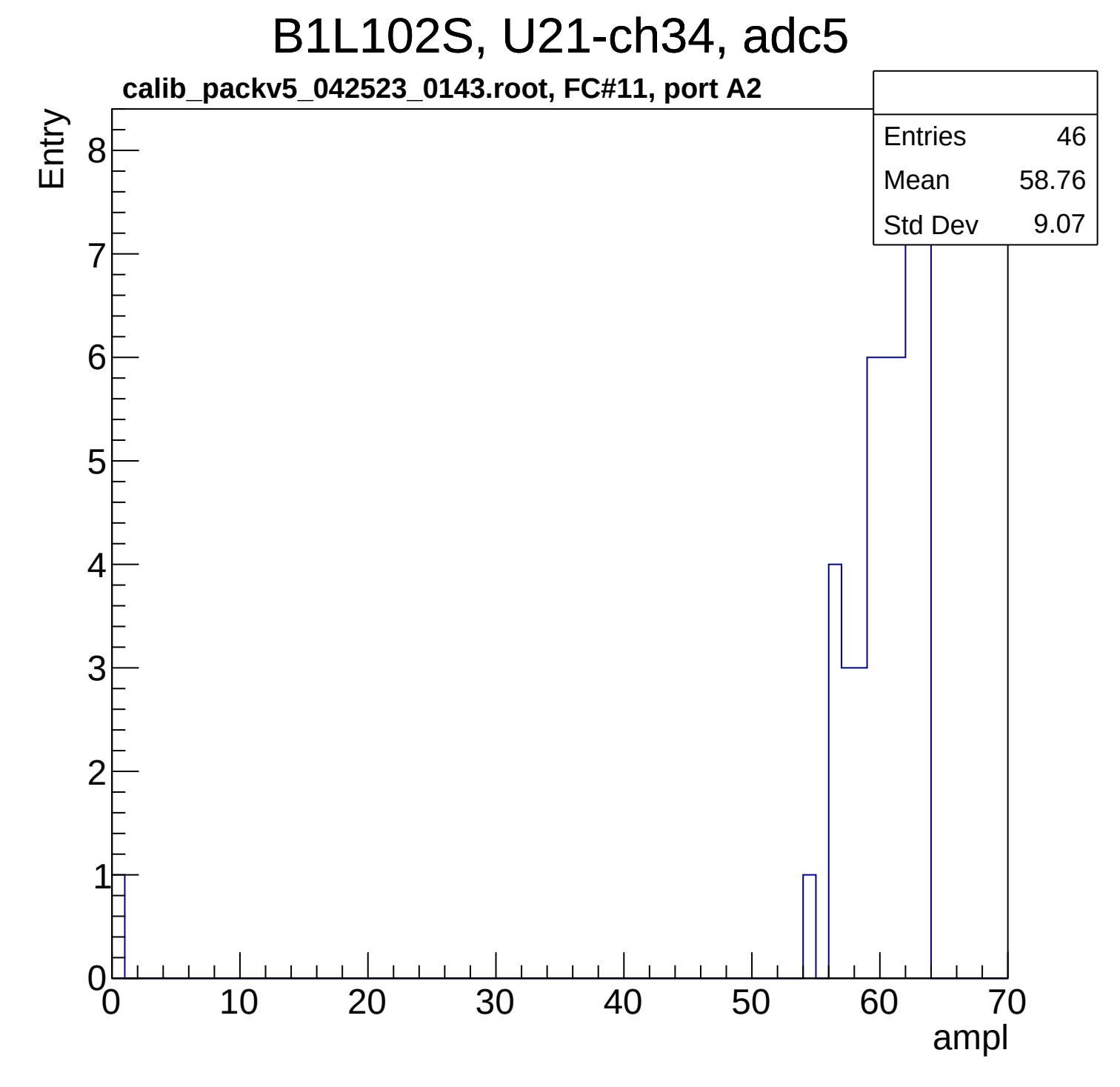
B1L102S, U21-ch34, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 46
Mean 58.76
Std Dev 9.07
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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20
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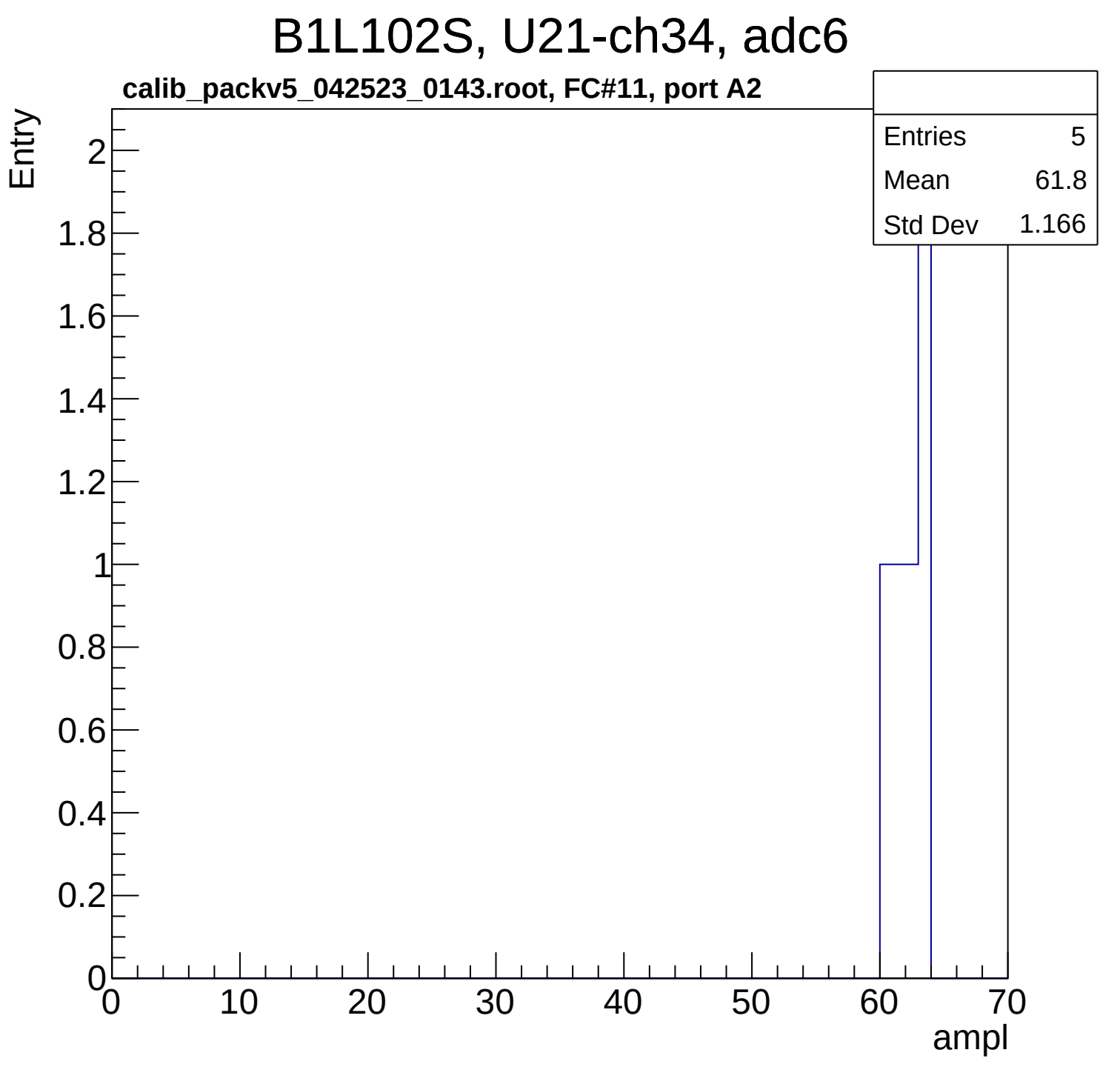
40
50
60
70


B1L102S, U21-ch34, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 5
Mean 61.8
Std Dev 1.166
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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60
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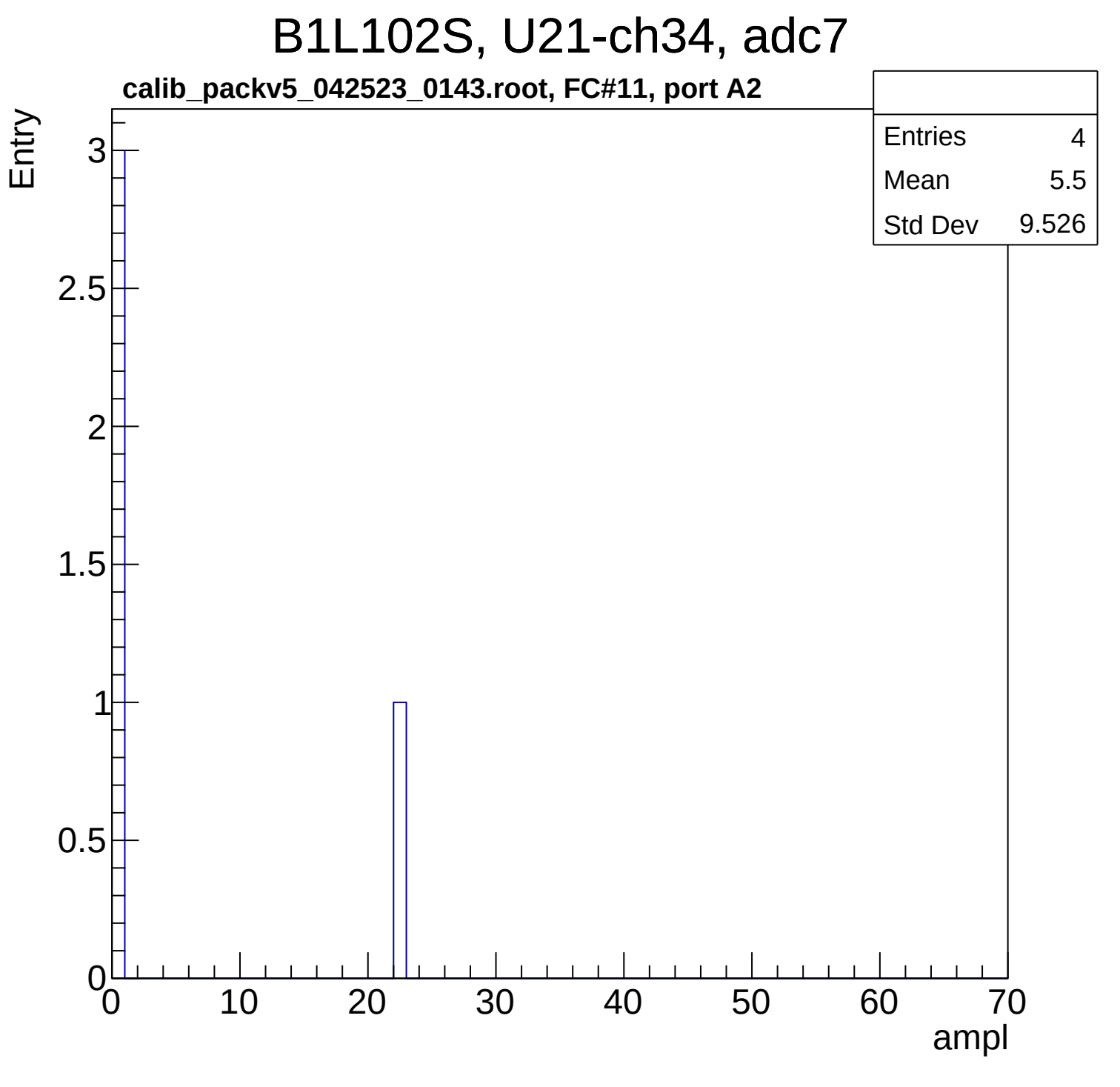
B1L102S, U21-ch34, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 5.5
Std Dev 9.526
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
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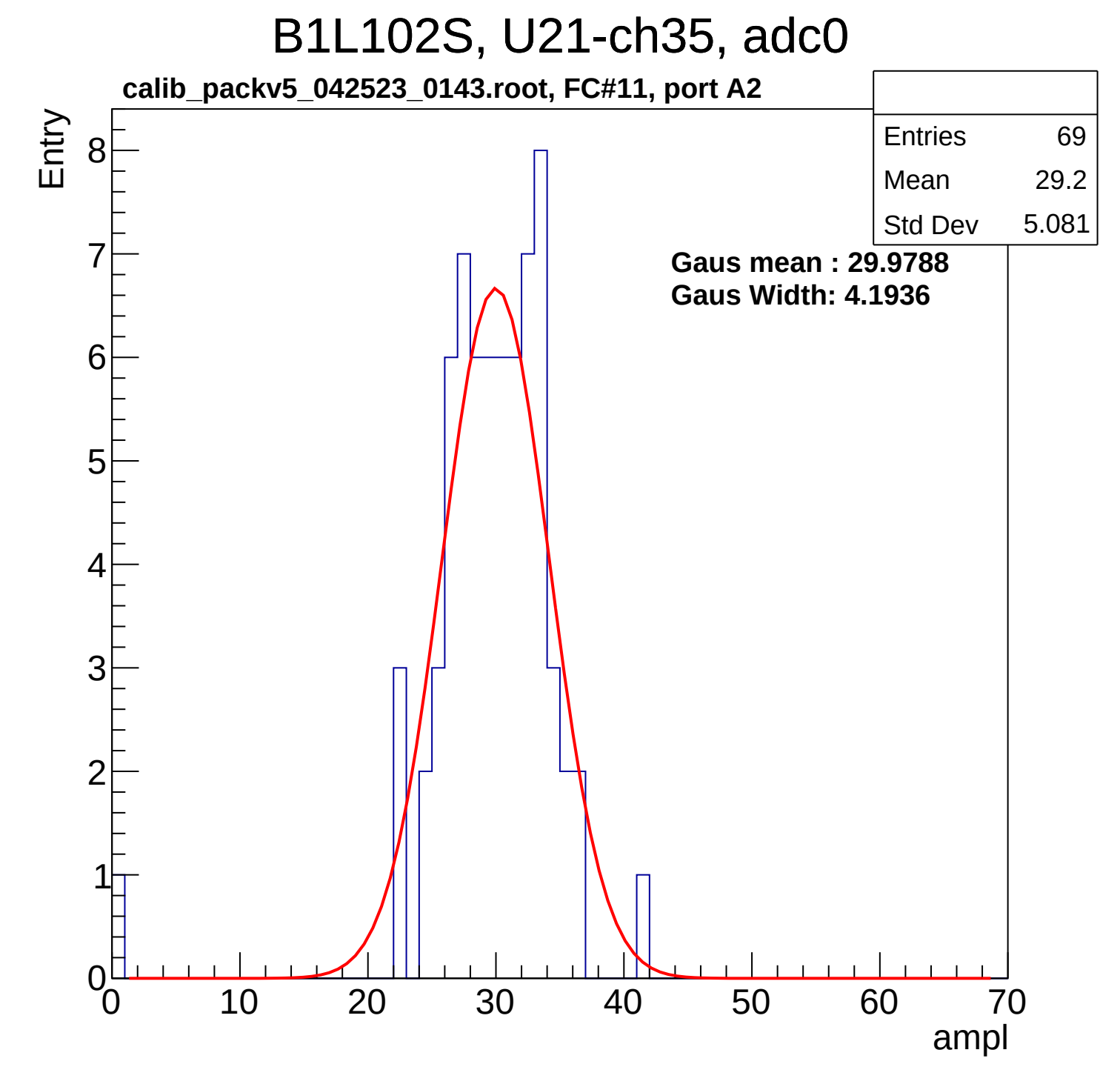
B1L102S, U21-ch35, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 29.2
Std Dev 5.081
Gaus mean : 29.9788
Gaus Width: 4.1936
Entry
ampl
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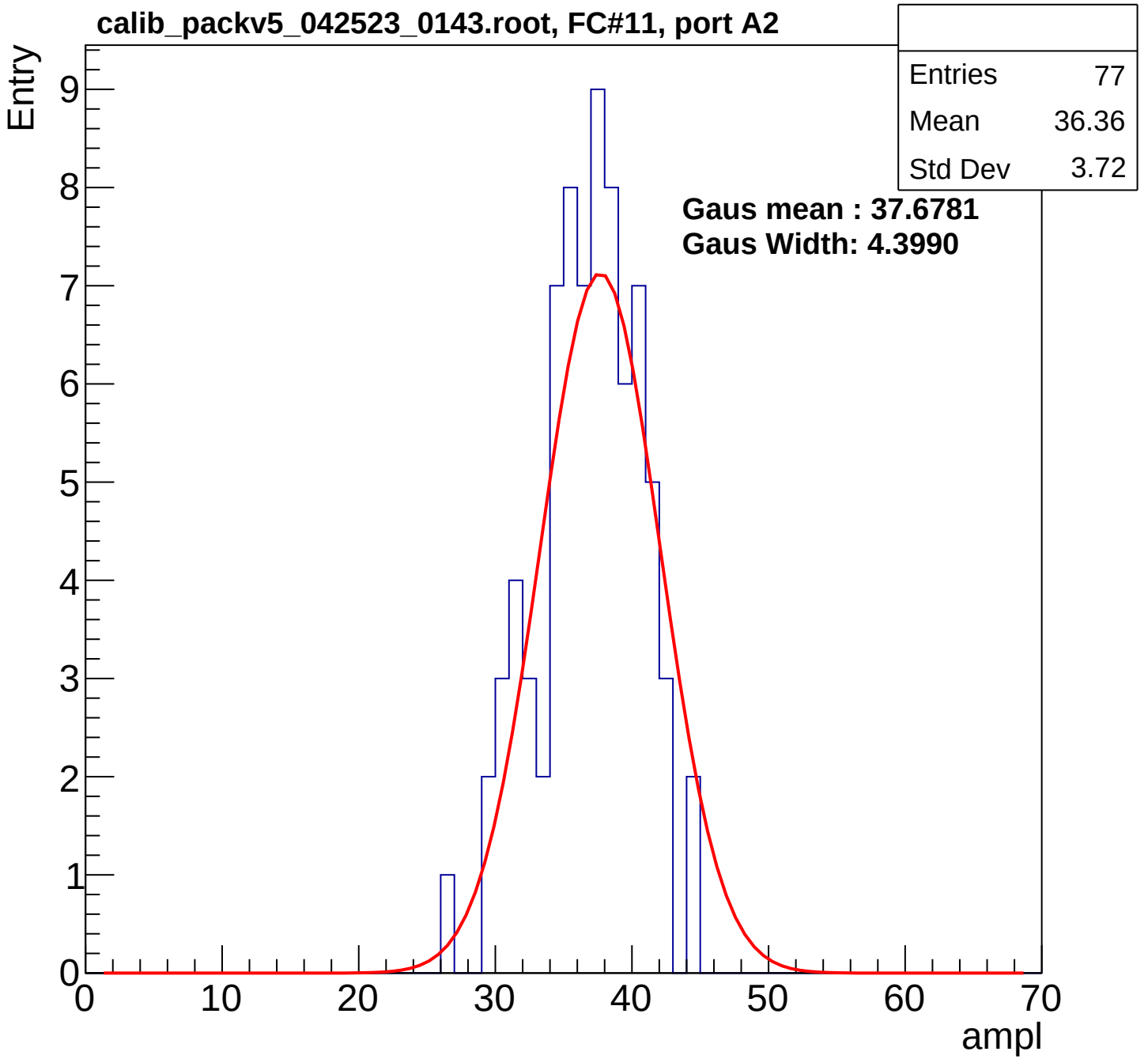
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch35, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 36.36
Std Dev 3.72
Gaus mean : 37.6781
Gaus Width: 4.3990
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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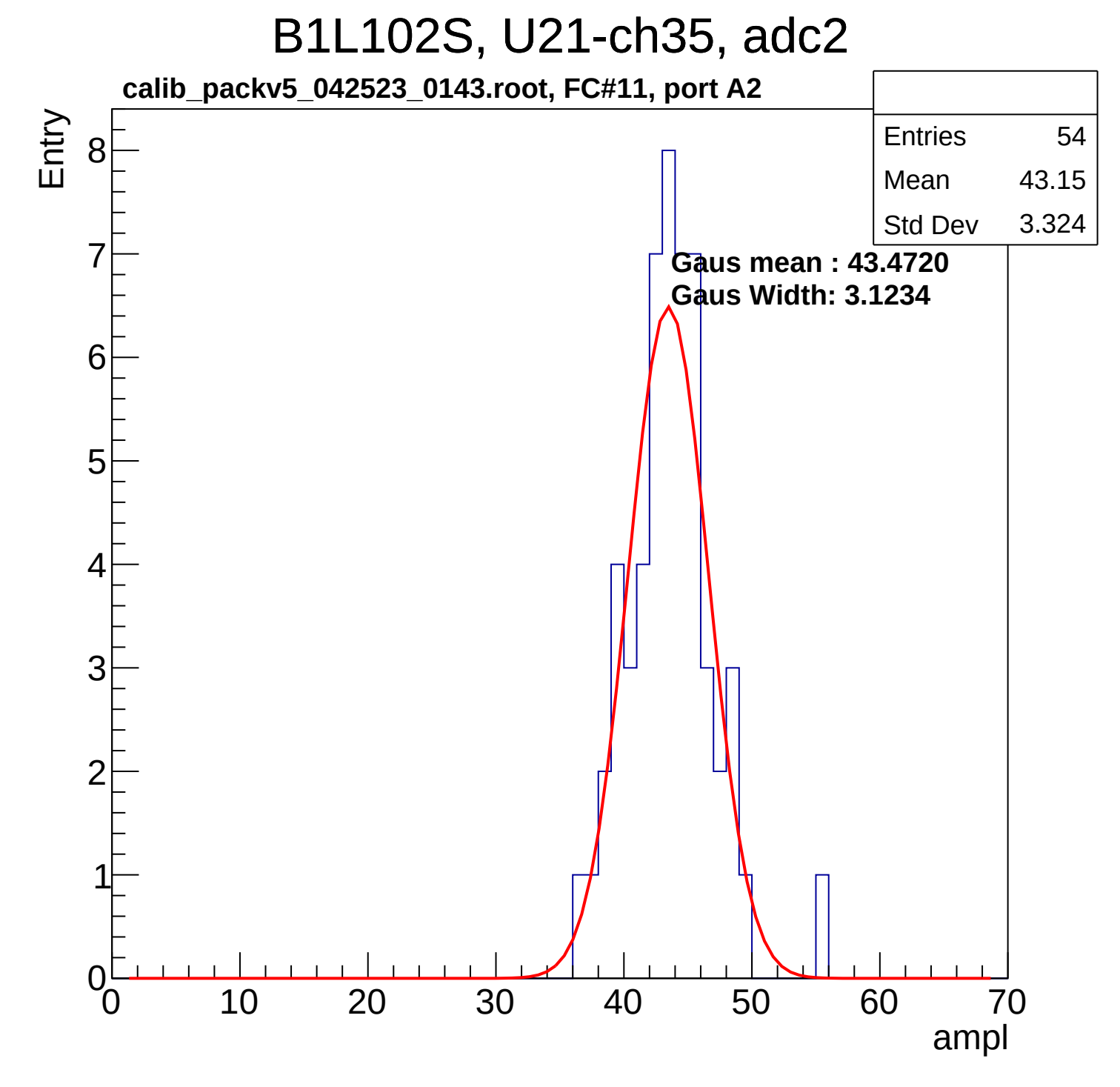
B1L102S, U21-ch35, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 43.15
Std Dev 3.324
Gaus mean : 43.4720
Gaus Width: 3.1234
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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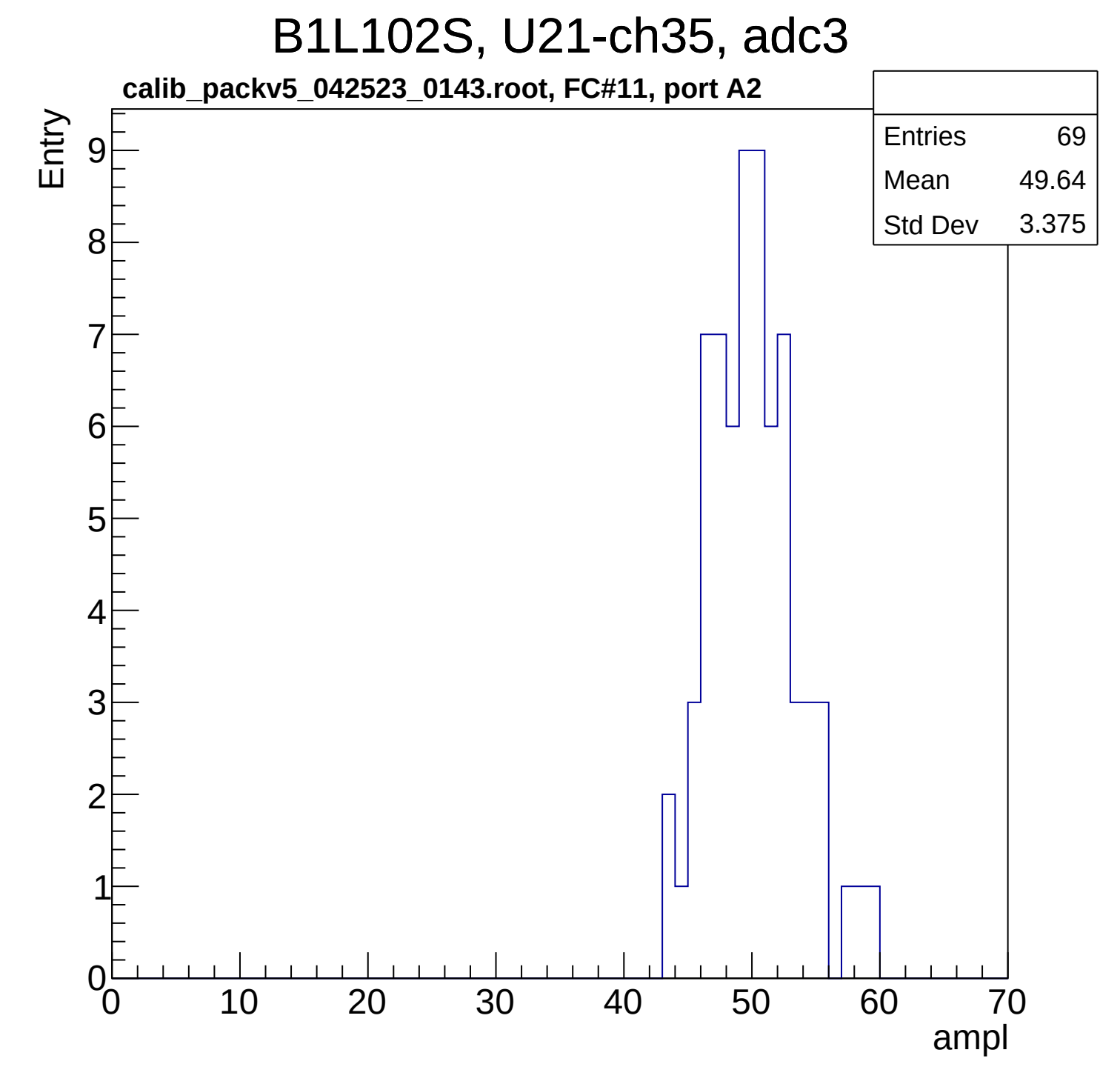
B1L102S, U21-ch35, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 49.64
Std Dev 3.375
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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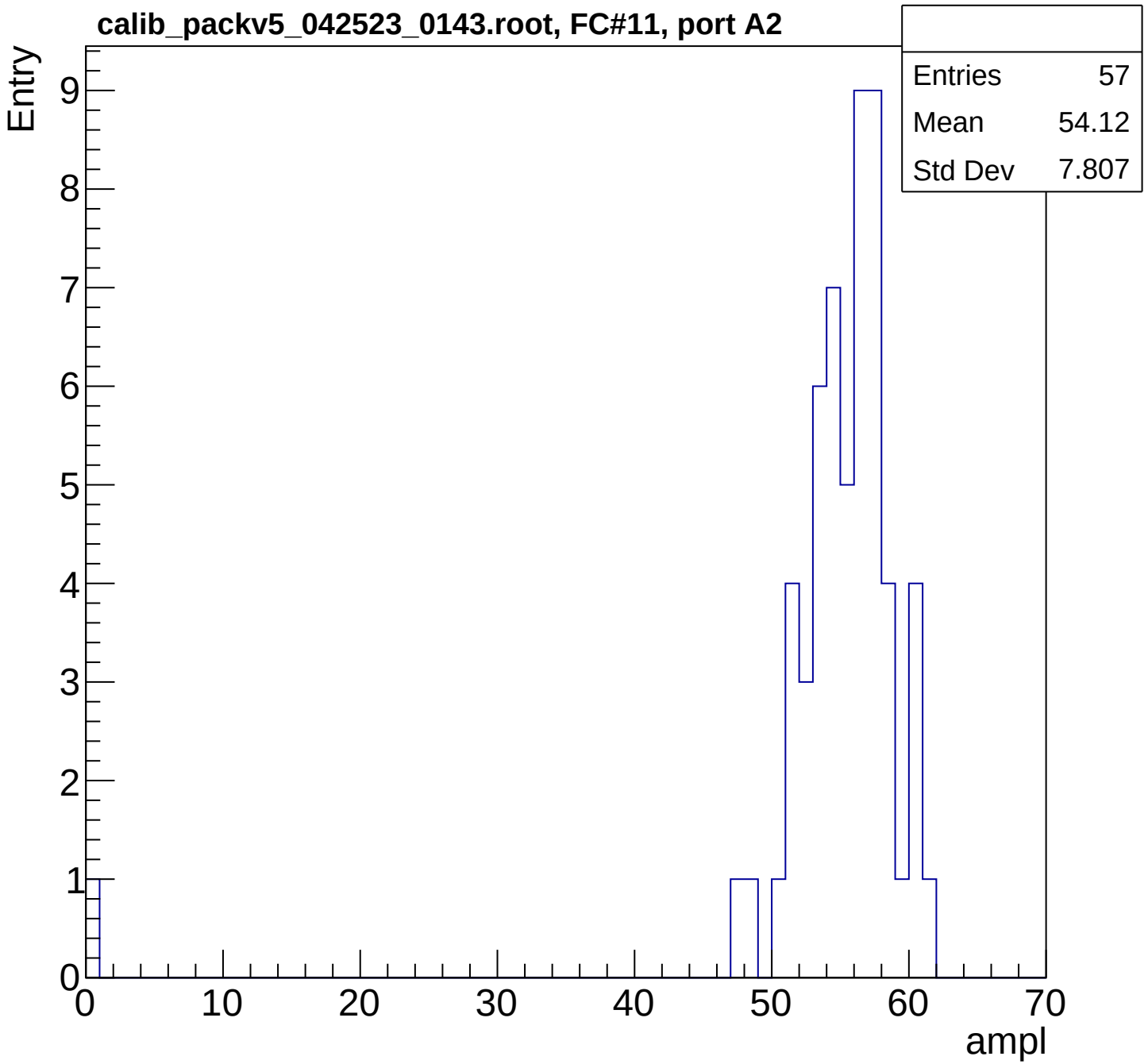
B1L102S, U21-ch35, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 54.12
Std Dev 7.807
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
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60
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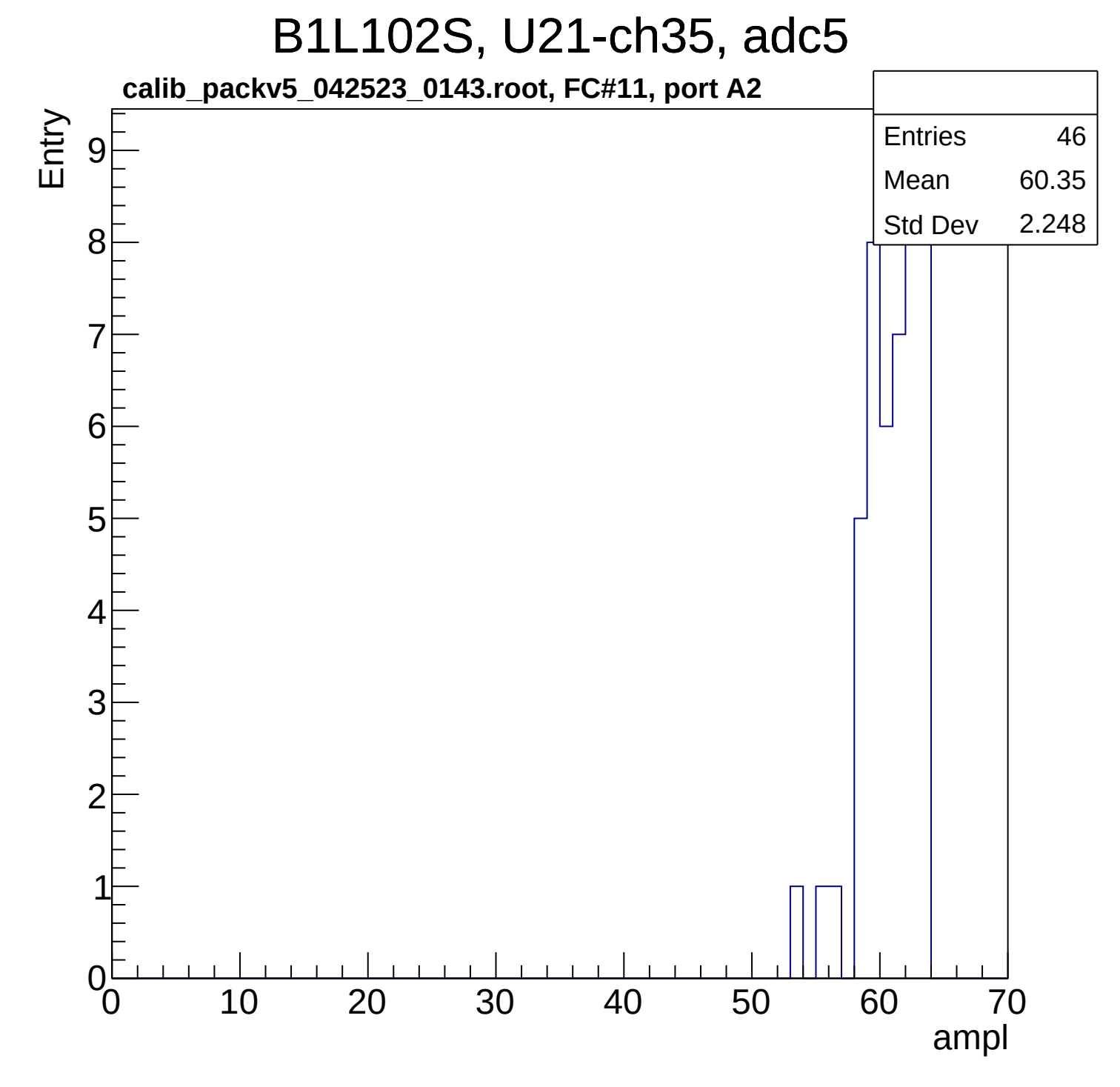
B1L102S, U21-ch35, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 46
Mean 60.35
Std Dev 2.248
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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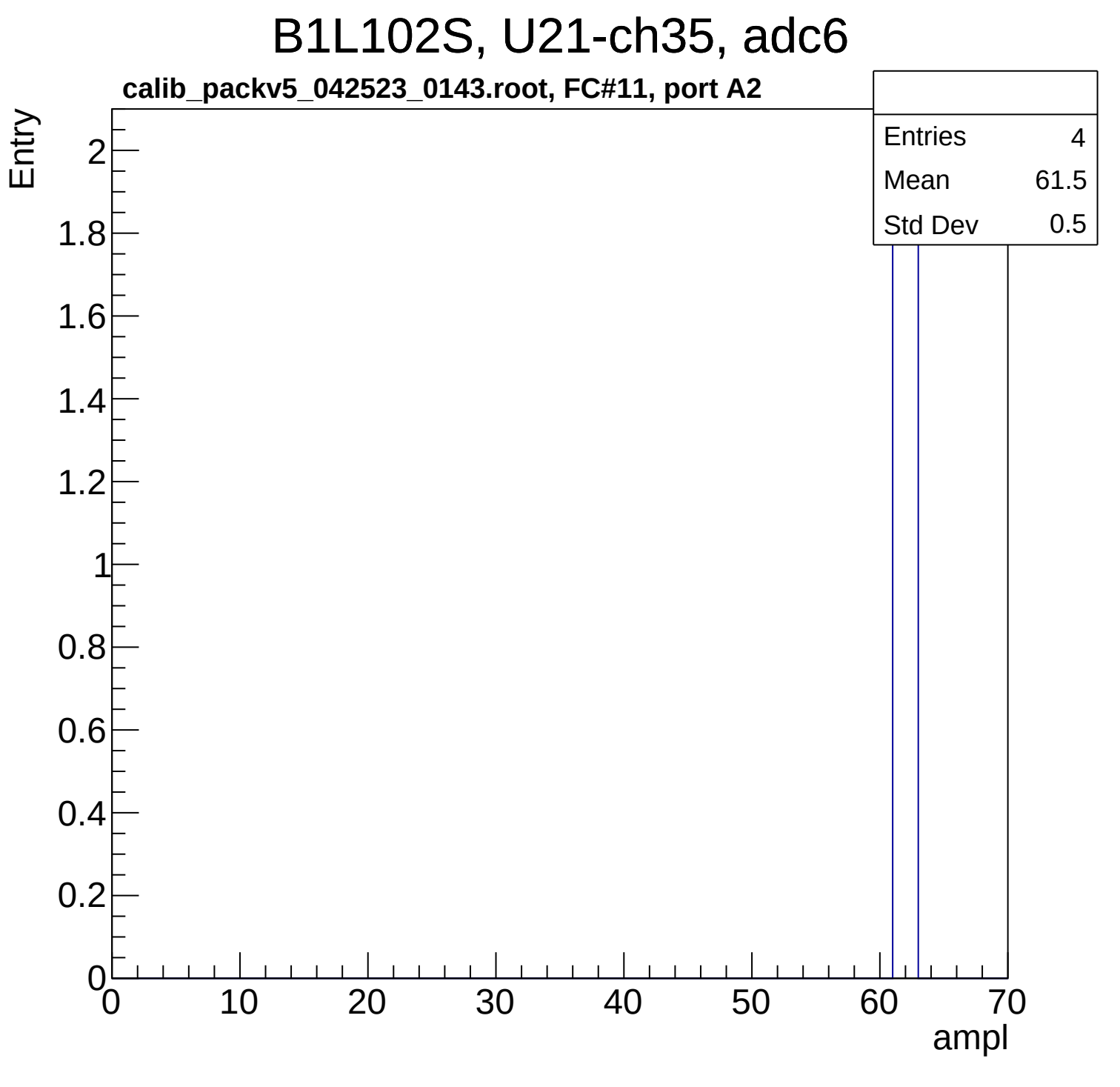
B1L102S, U21-ch35, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 61.5
Std Dev 0.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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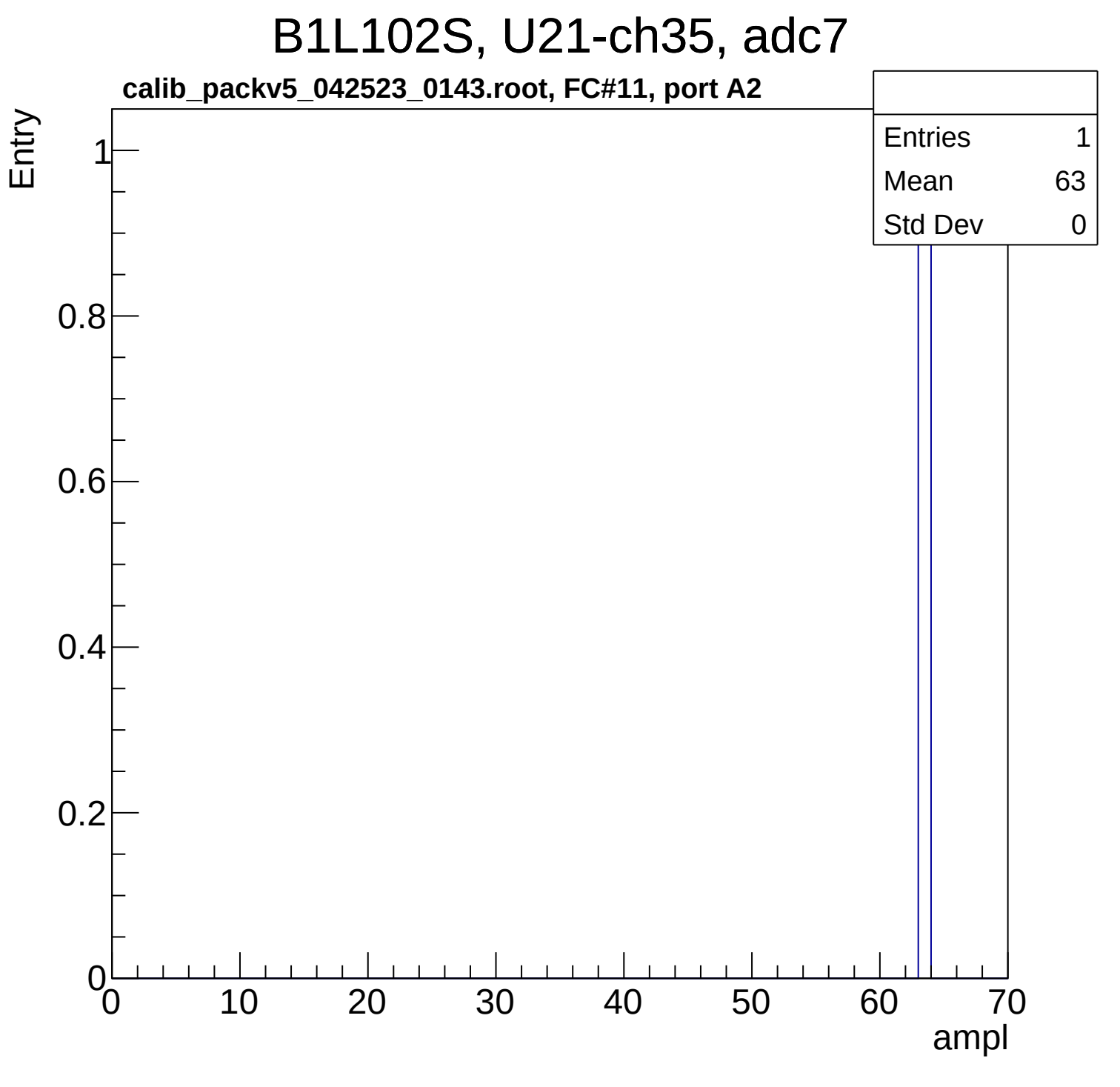
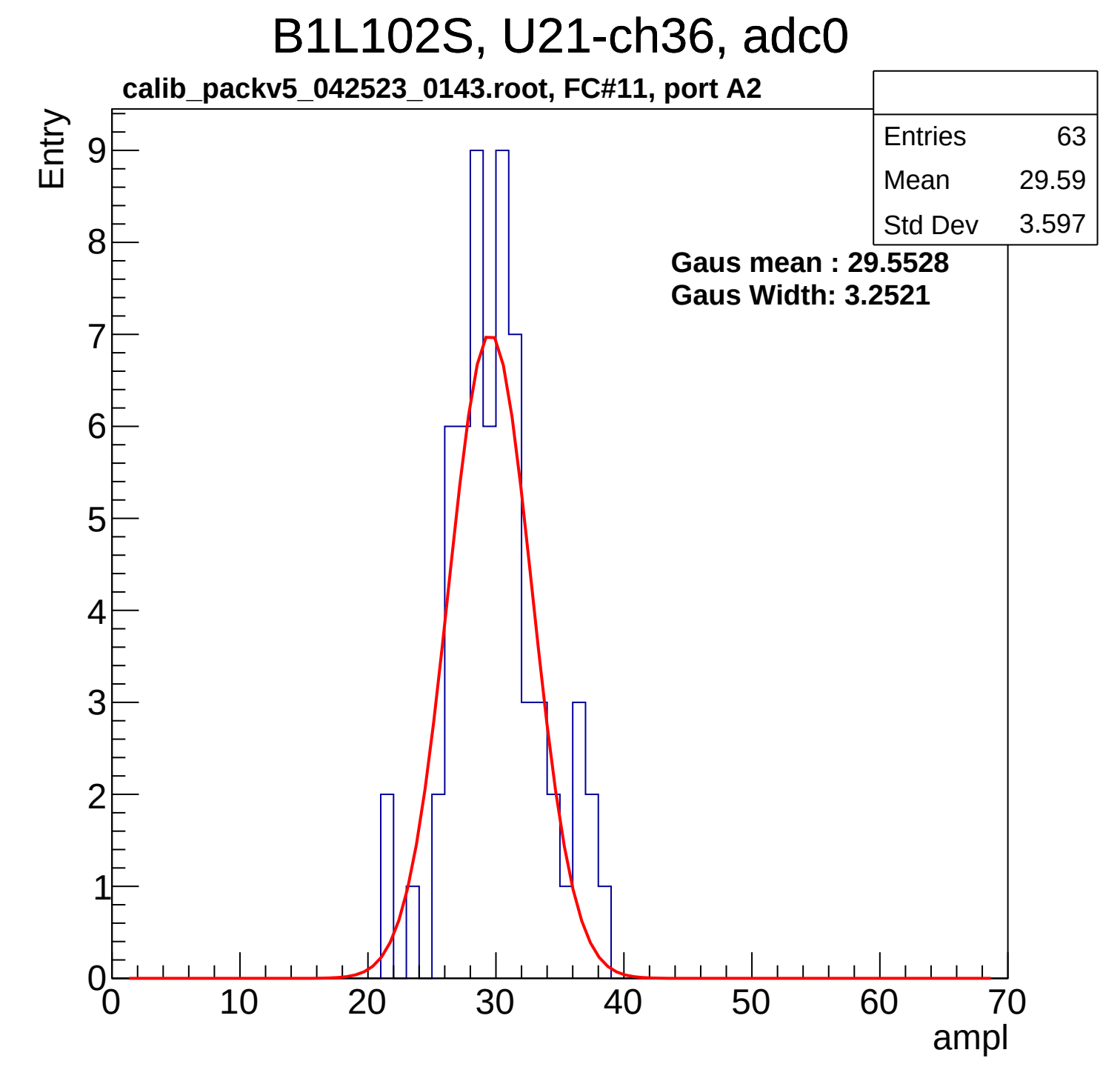
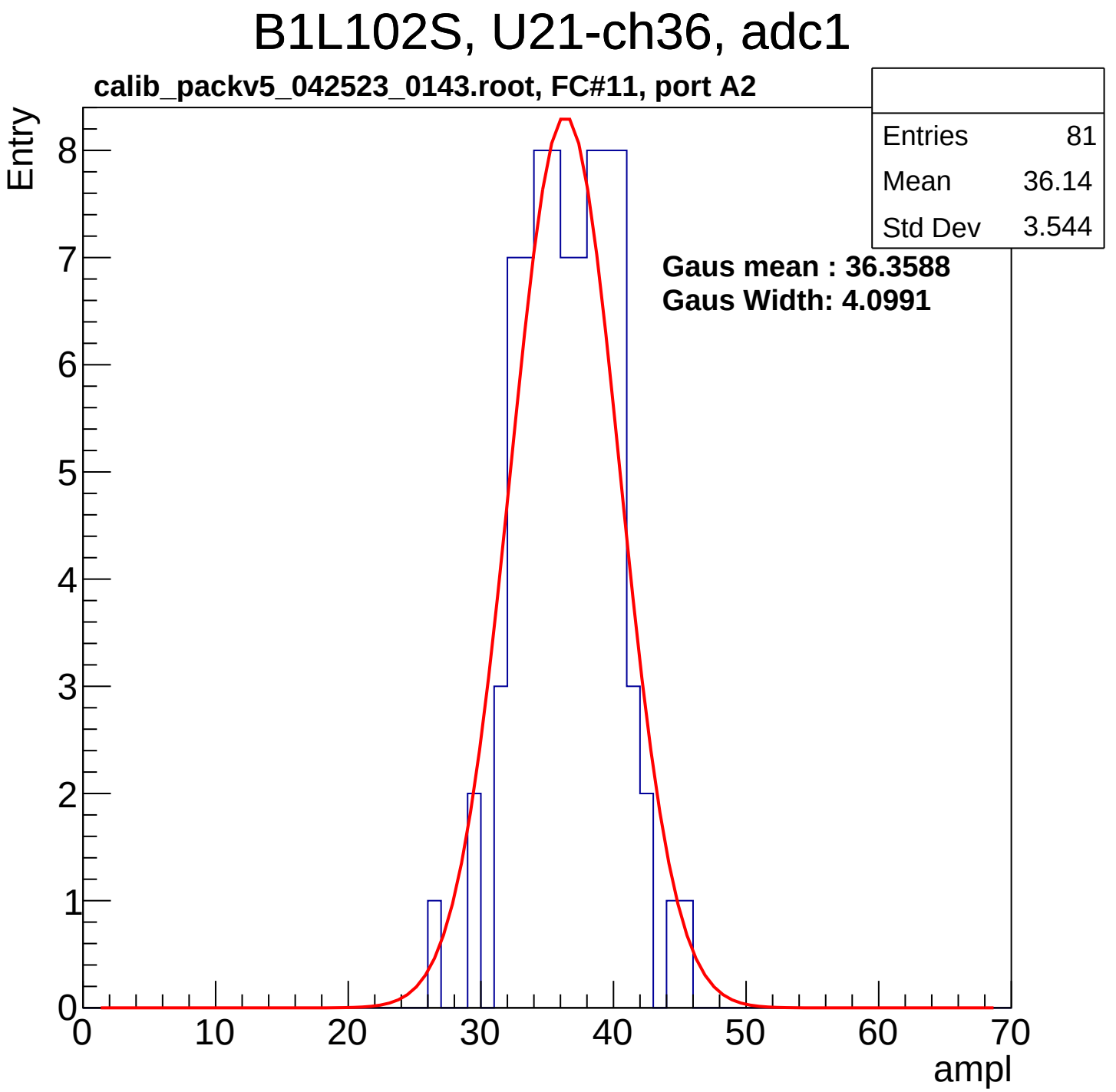

B1L102S, U21-ch35, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch36, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 29.59
Std Dev 3.597
Gaus mean : 29.5528
Gaus Width: 3.2521
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch36, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 81
Mean 36.14
Std Dev 3.544
Gaus mean : 36.3588
Gaus Width: 4.0991
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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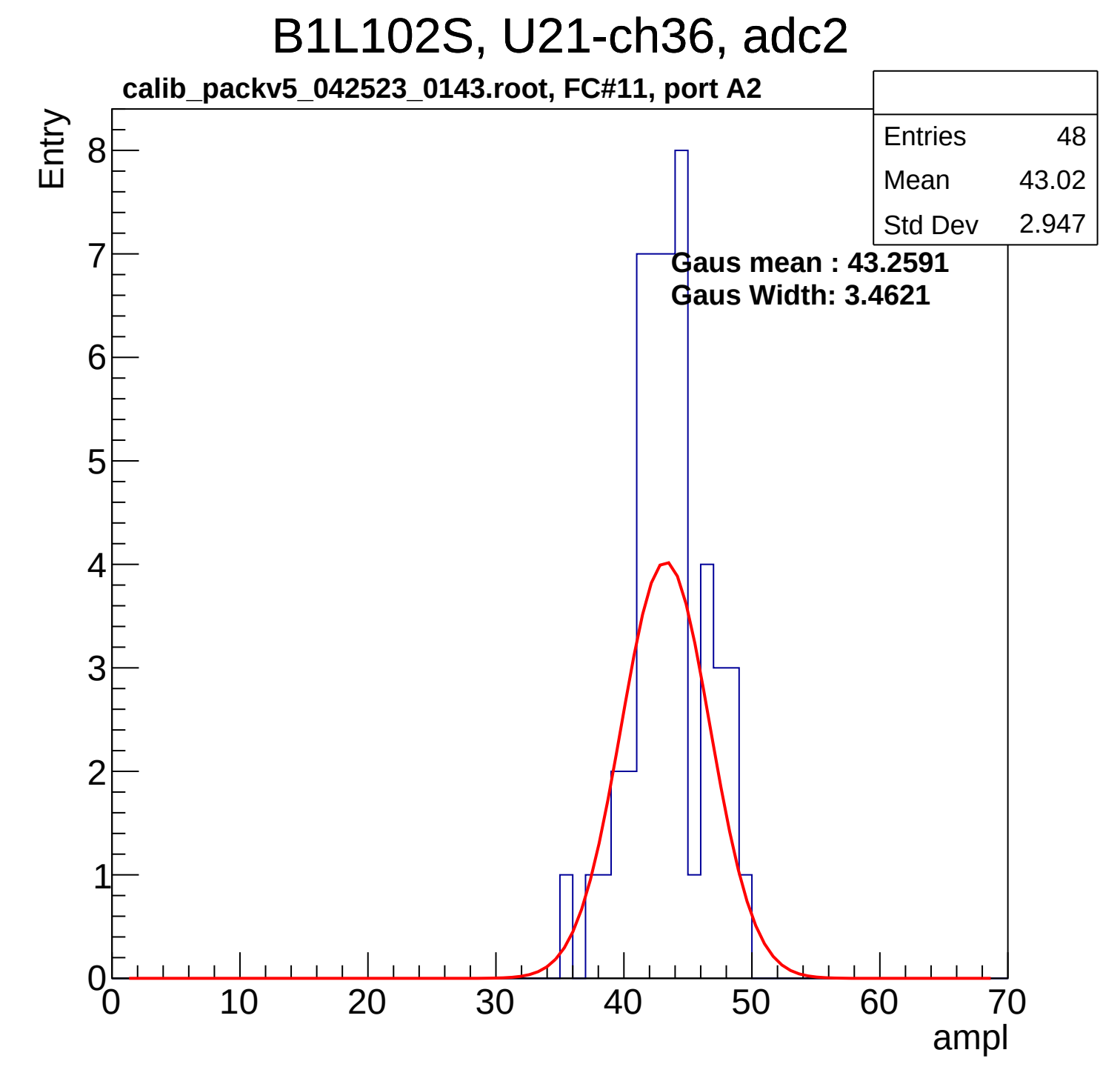
B1L102S, U21-ch36, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 48
Mean 43.02
Std Dev 2.947
Gaus mean : 43.2591
Gaus Width: 3.4621
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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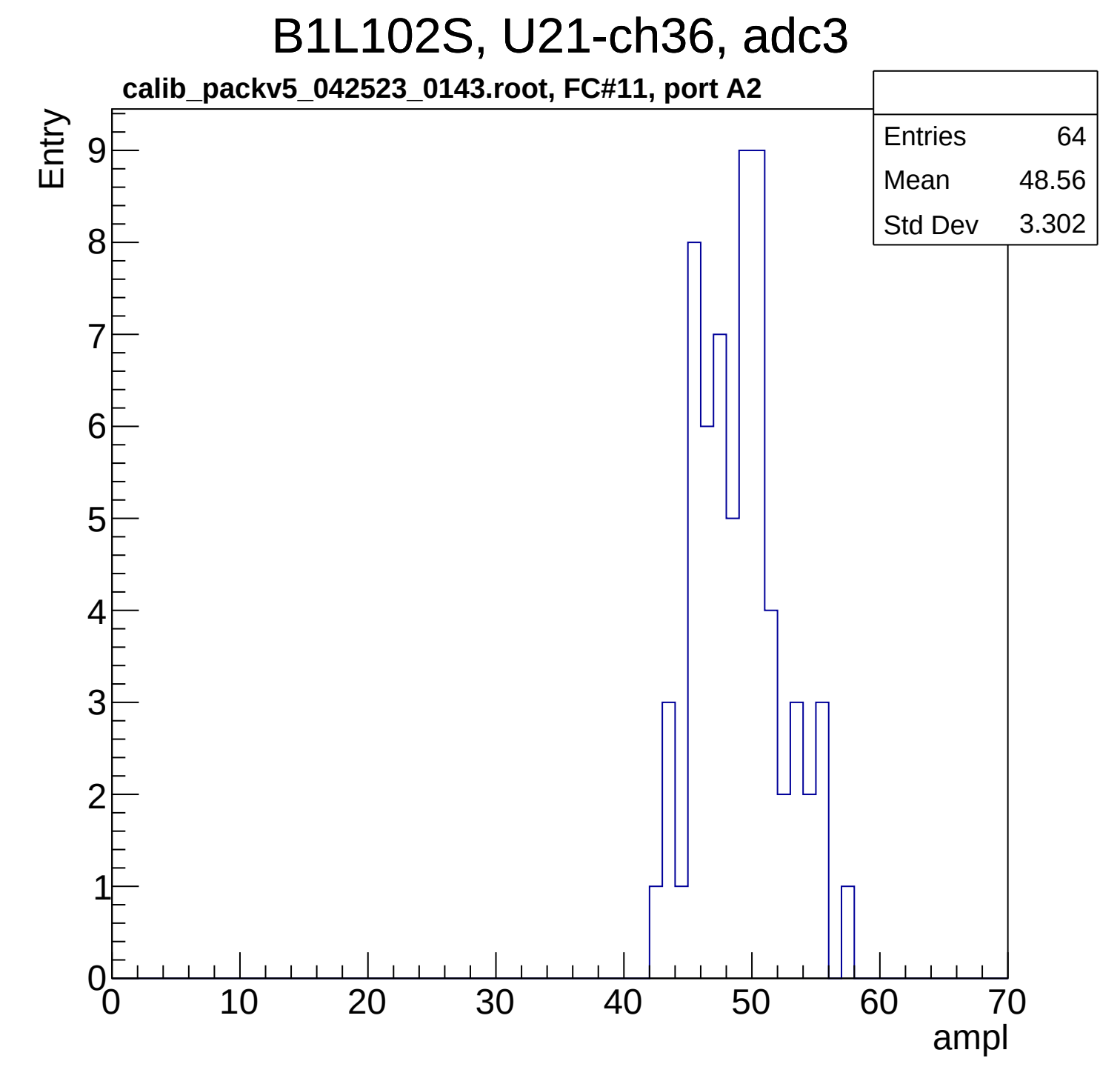
B1L102S, U21-ch36, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 48.56
Std Dev 3.302
Entry
ampl
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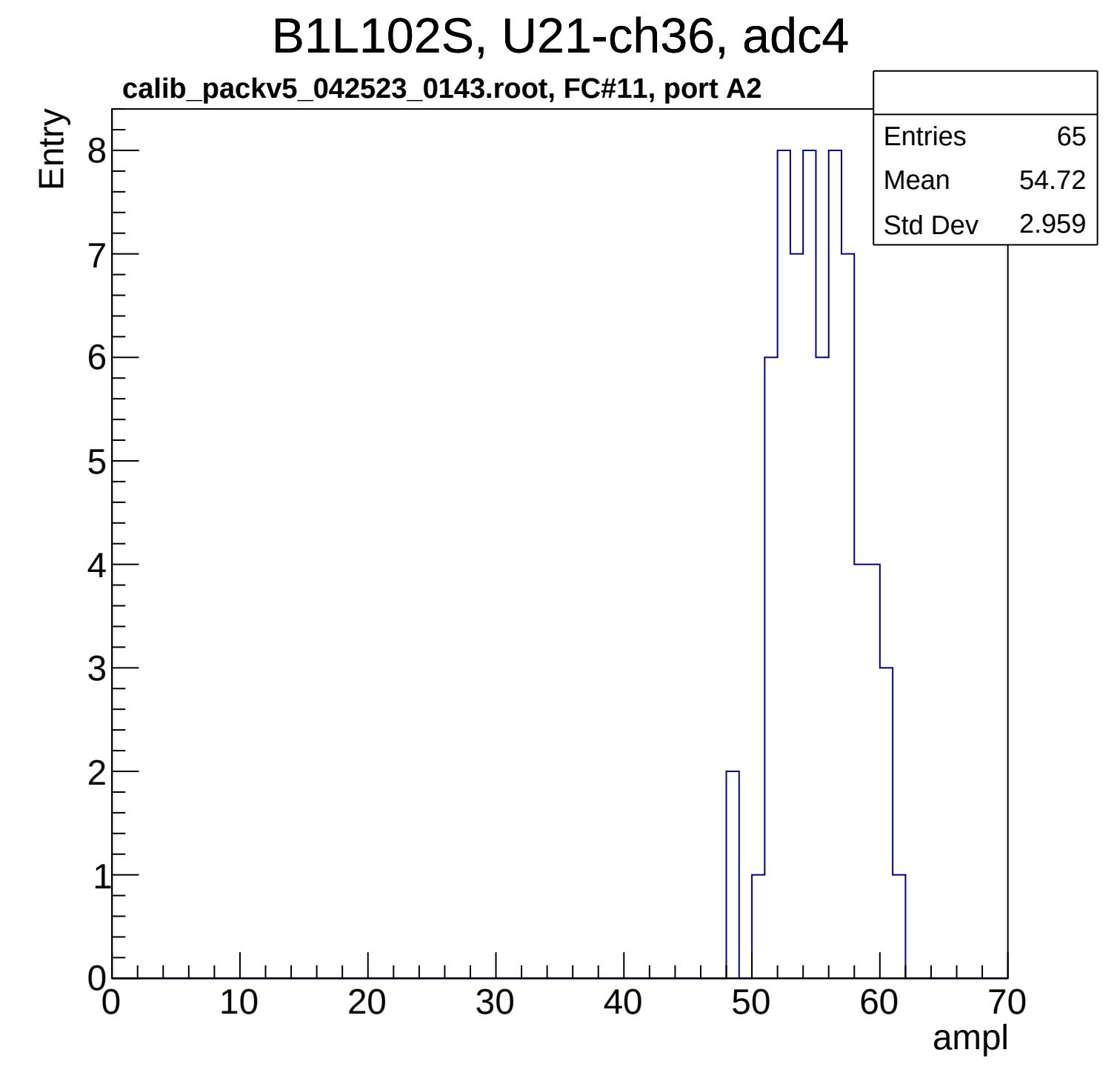
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch36, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 54.72
Std Dev 2.959
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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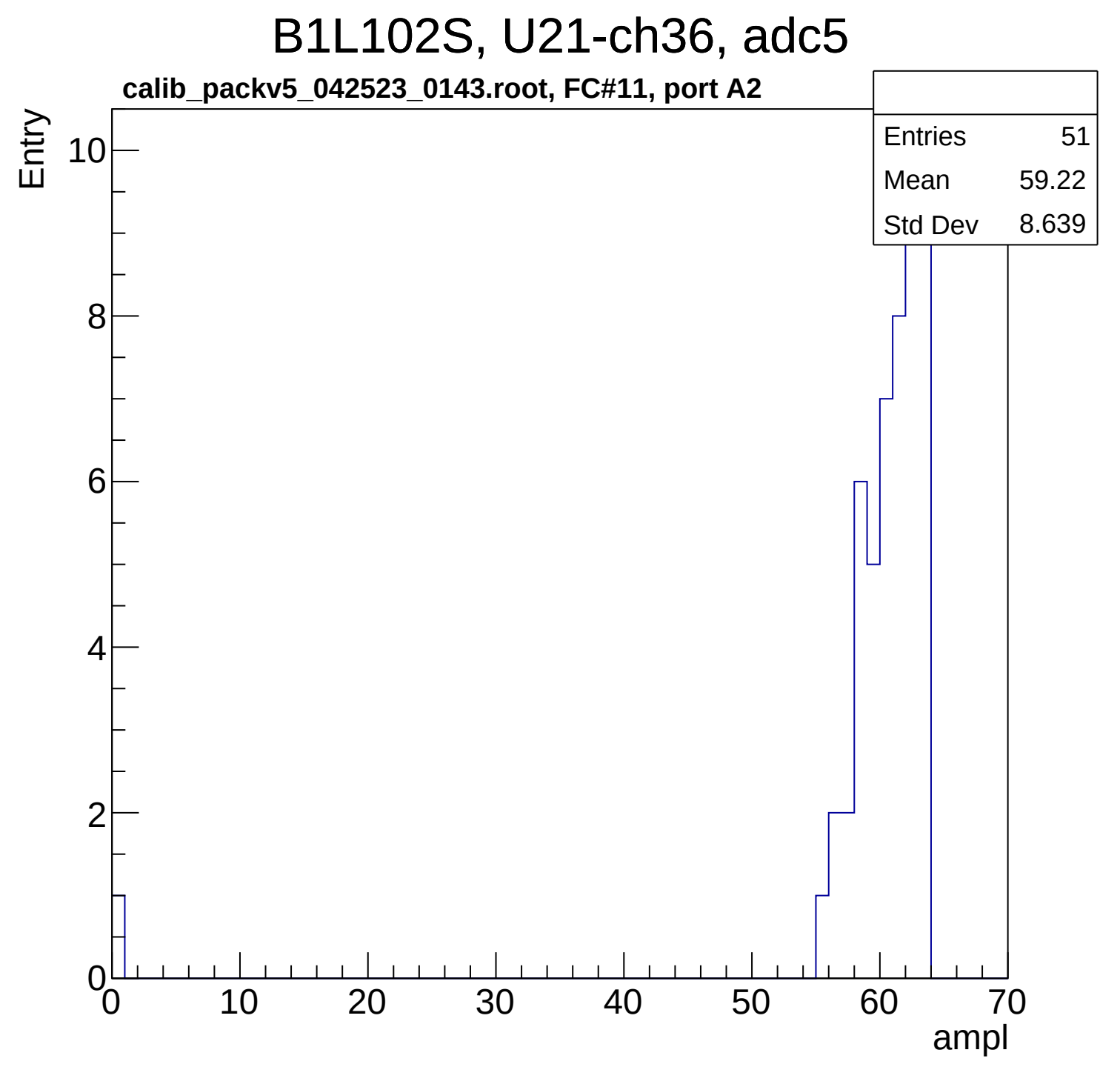
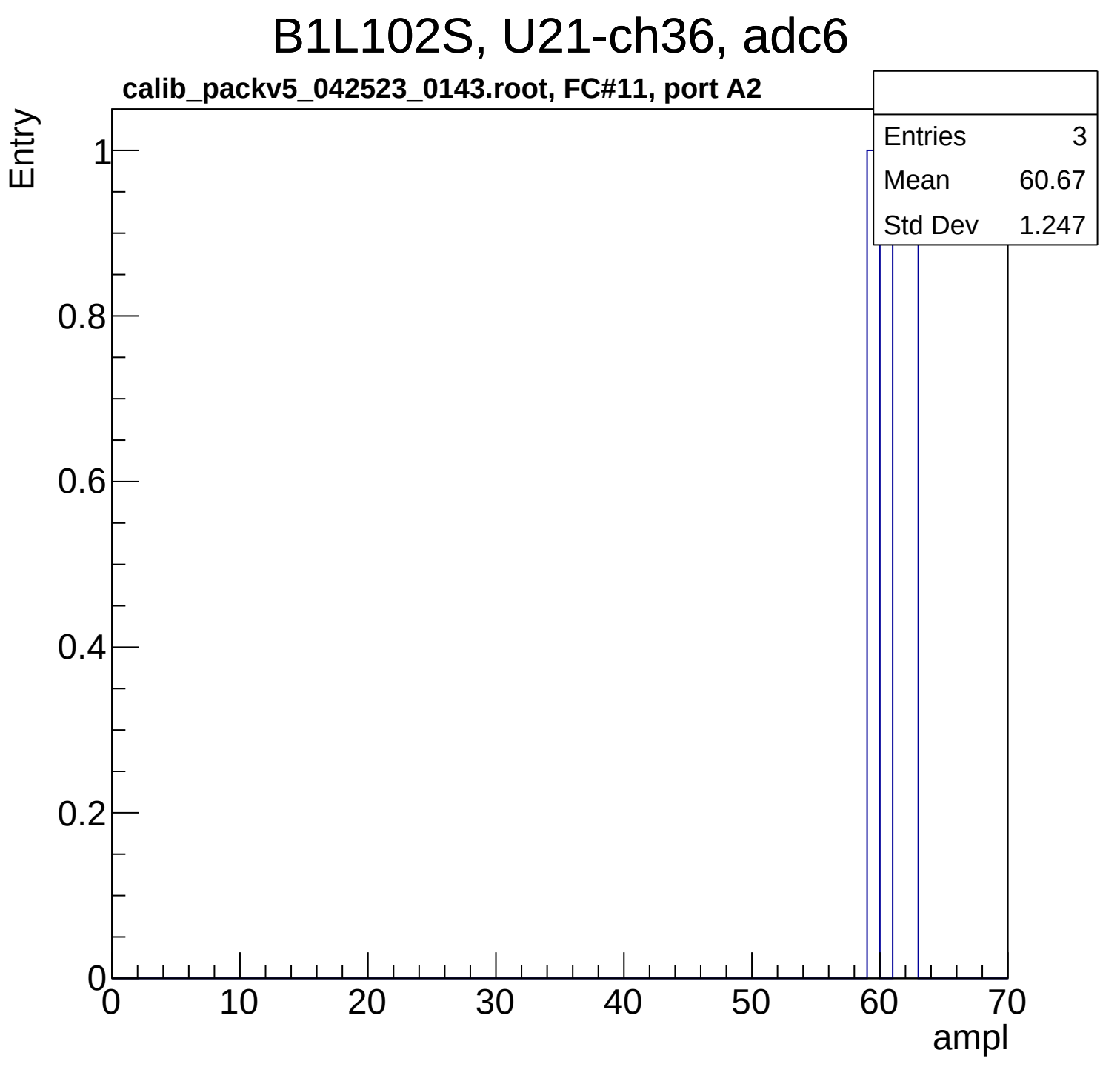
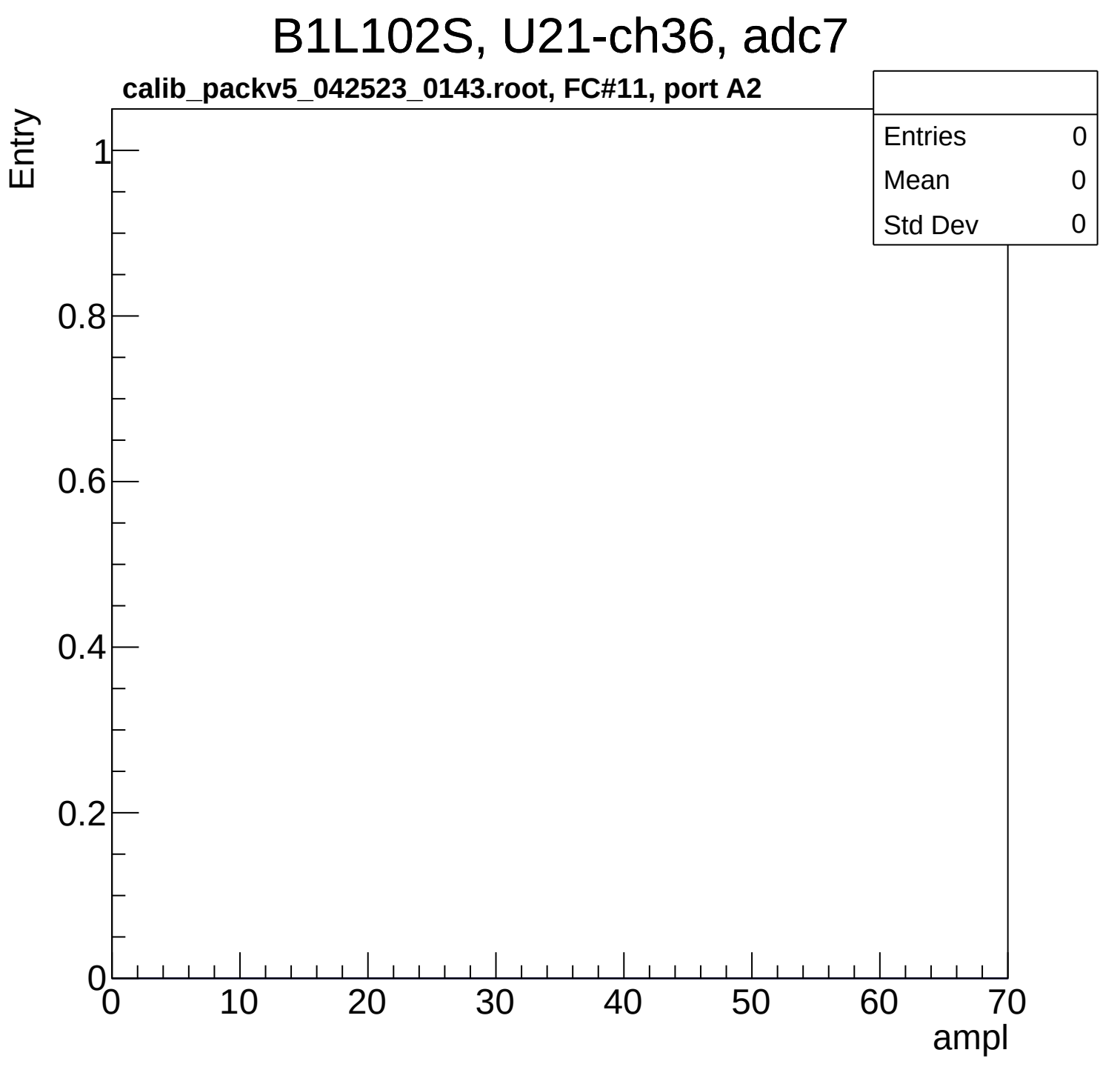

B1L102S, U21-ch36, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 59.22
Std Dev 8.639
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch36, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 60.67
Std Dev 1.247
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L102S, U21-ch36, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
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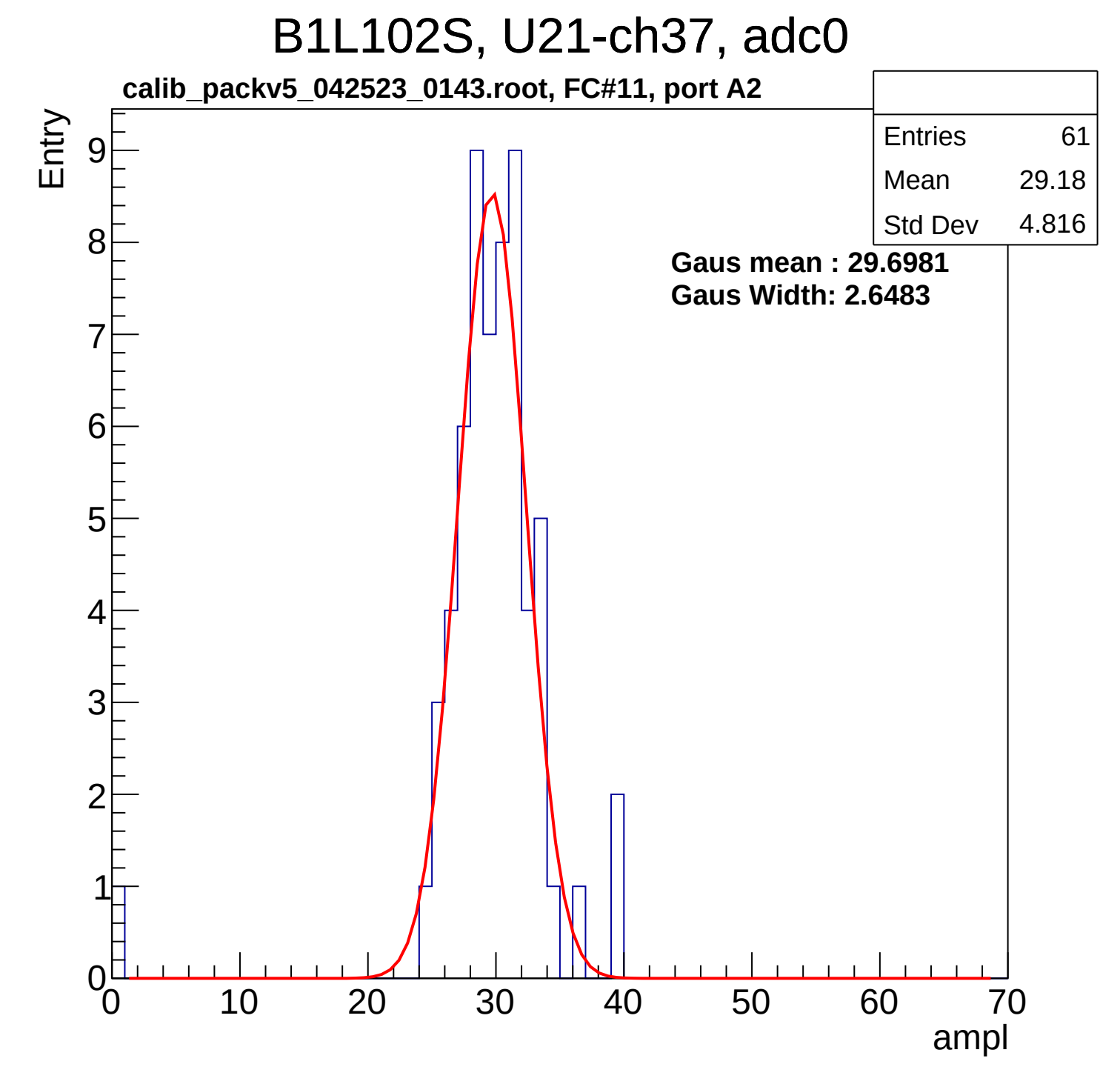
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch37, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 29.18
Std Dev 4.816
Gaus mean : 29.6981
Gaus Width: 2.6483
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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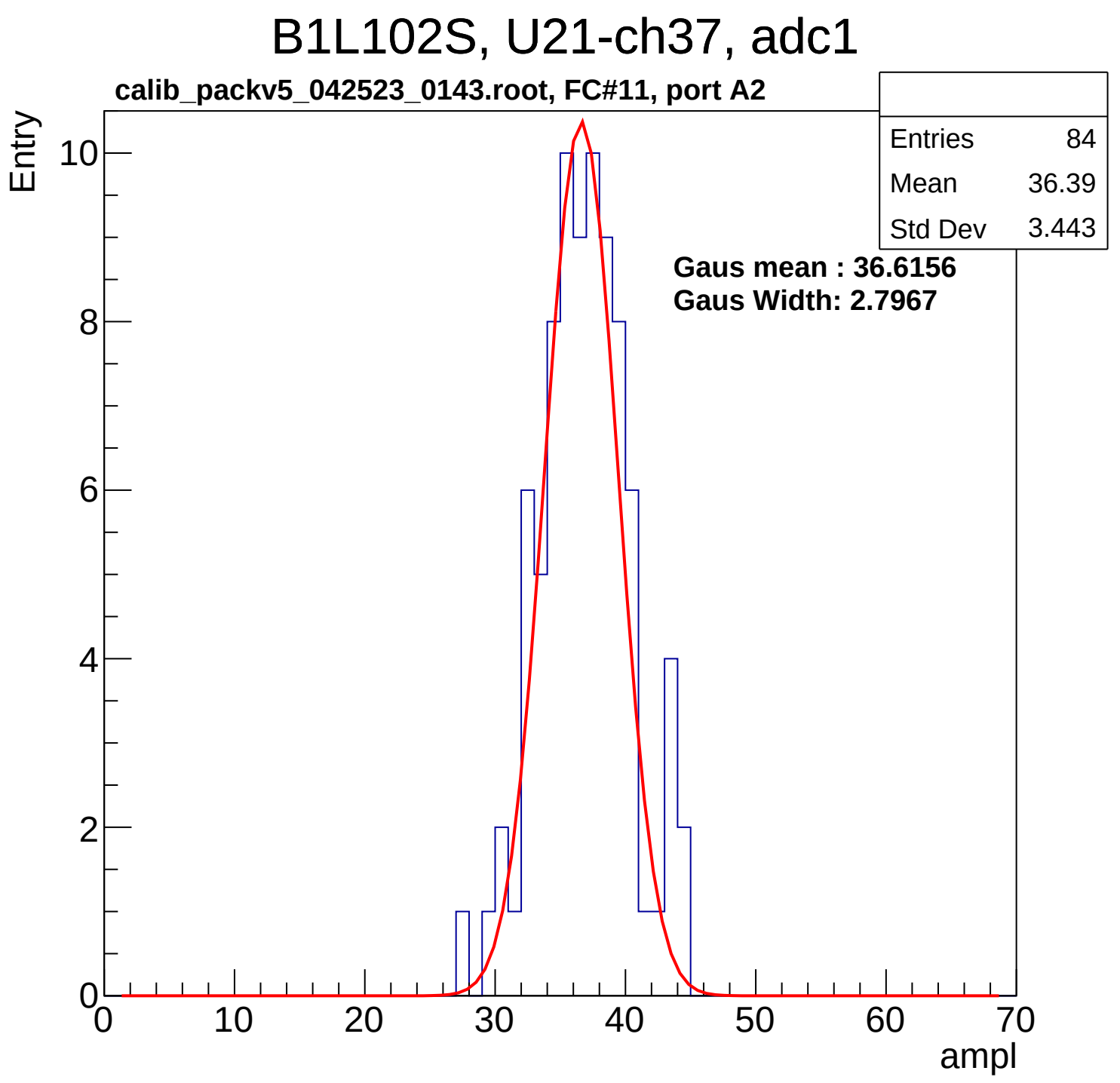
B1L102S, U21-ch37, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 84
Mean 36.39
Std Dev 3.443
Gaus mean : 36.6156
Gaus Width: 2.7967
Entry
ampl
0
2
4
6
8
10
0
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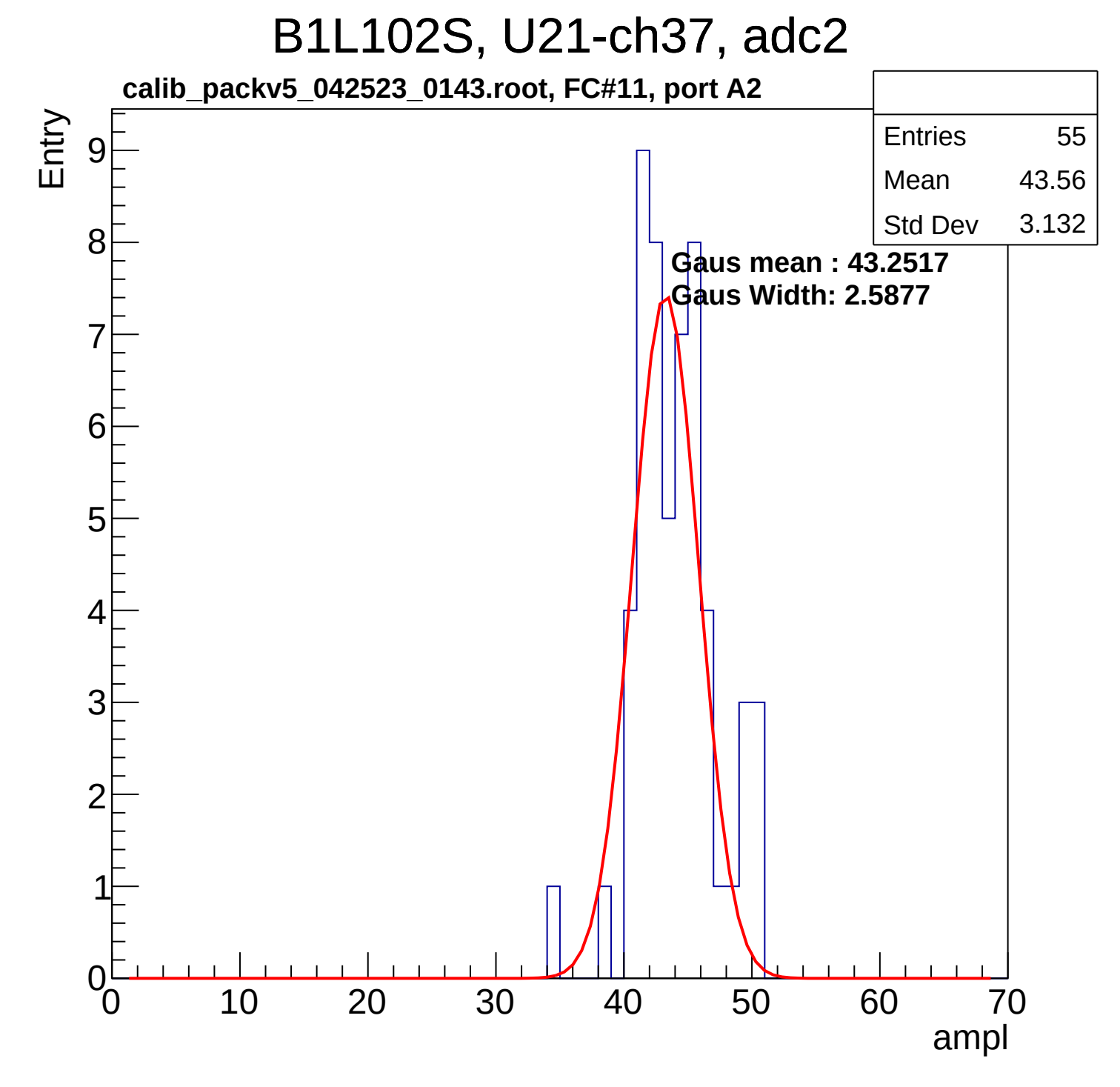
20
30
40
50
60
70


B1L102S, U21-ch37, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 43.56
Std Dev 3.132
Gaus mean : 43.2517
Gaus Width: 2.5877
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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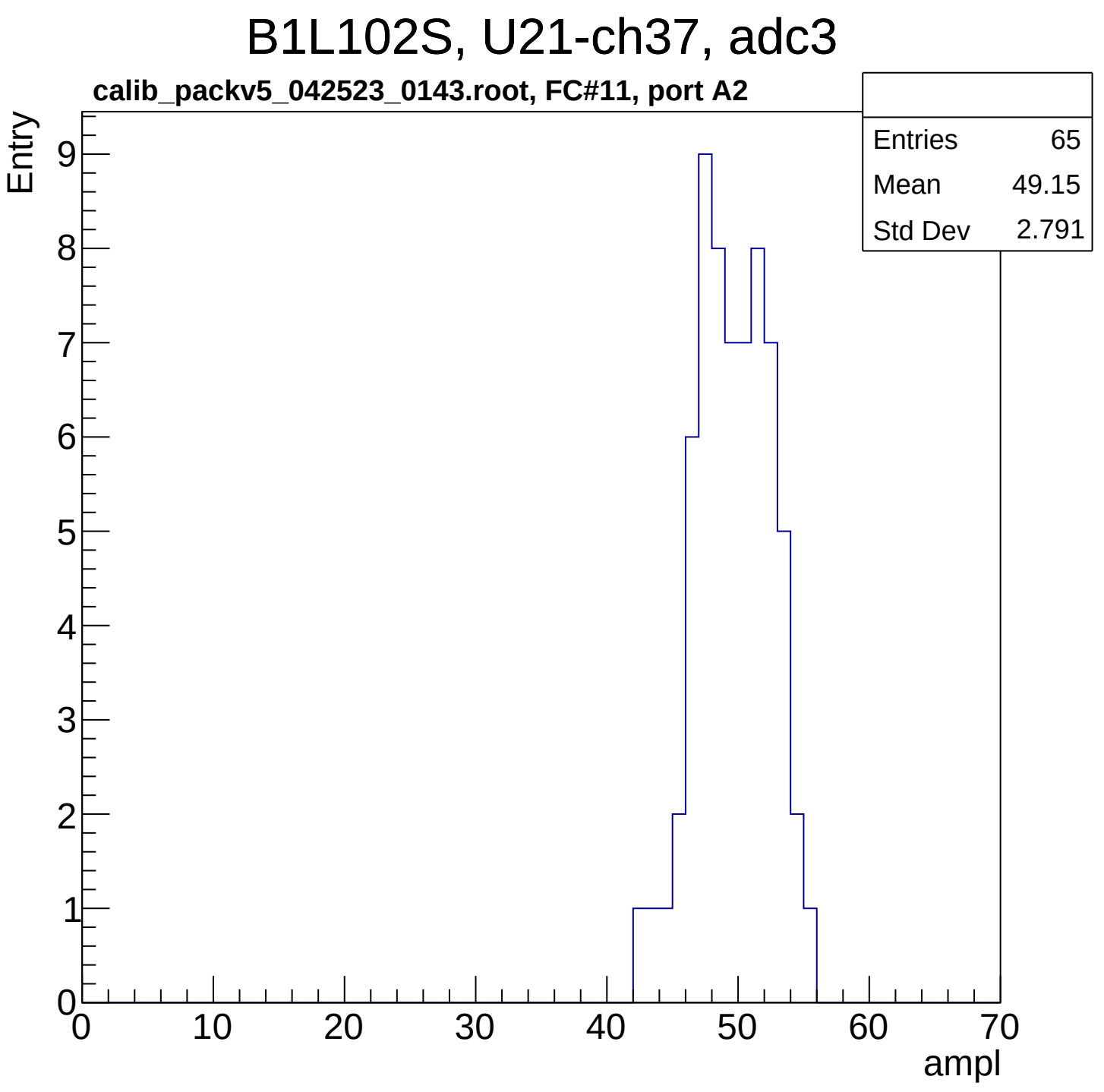
40
50
60
70


B1L102S, U21-ch37, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 49.15
Std Dev 2.791
Entry
ampl
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3
4
5
6
7
8
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0
10
20
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40
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60
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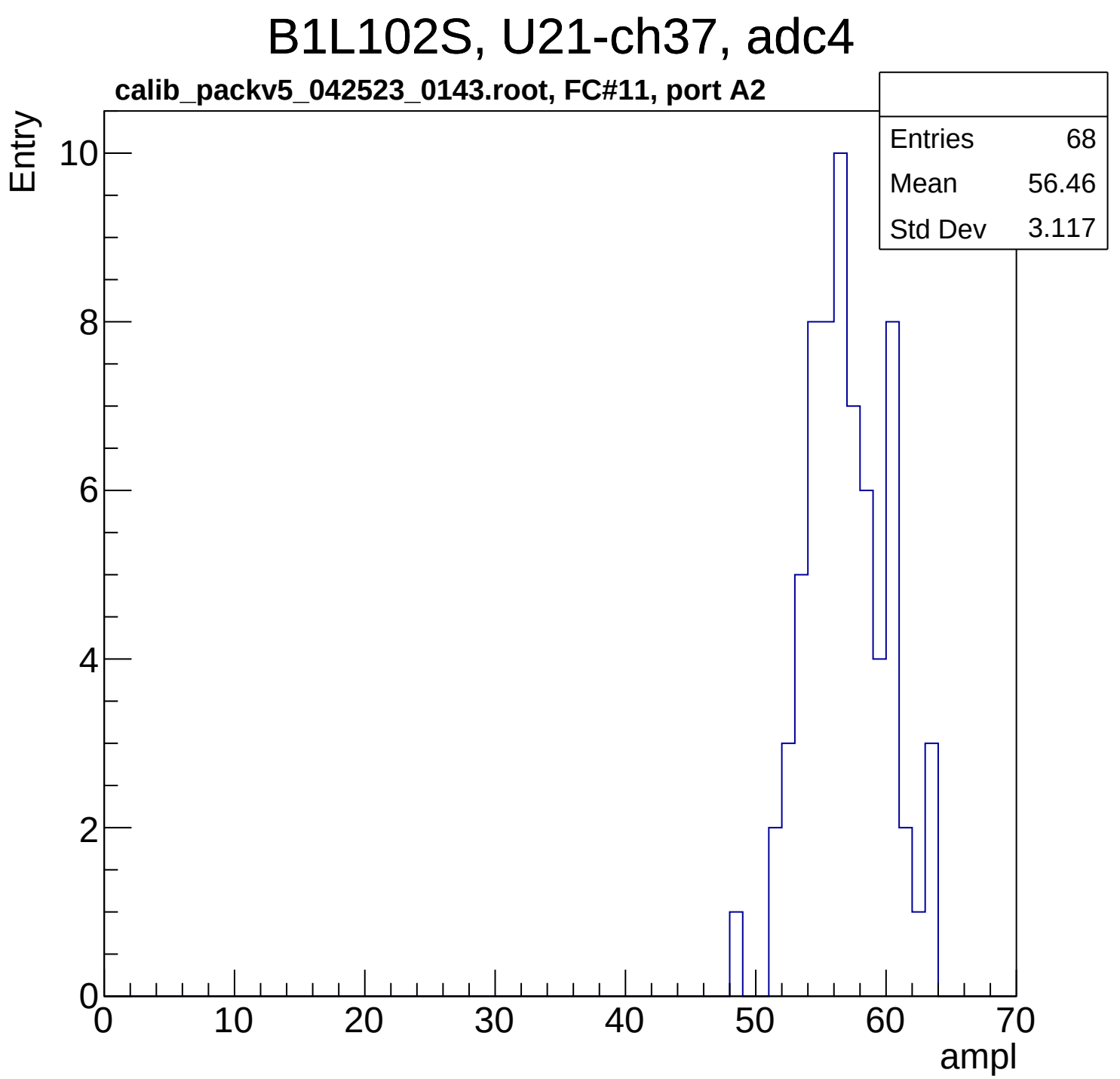
B1L102S, U21-ch37, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 56.46
Std Dev 3.117
Entry
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4
6
8
10
0
10
20
30
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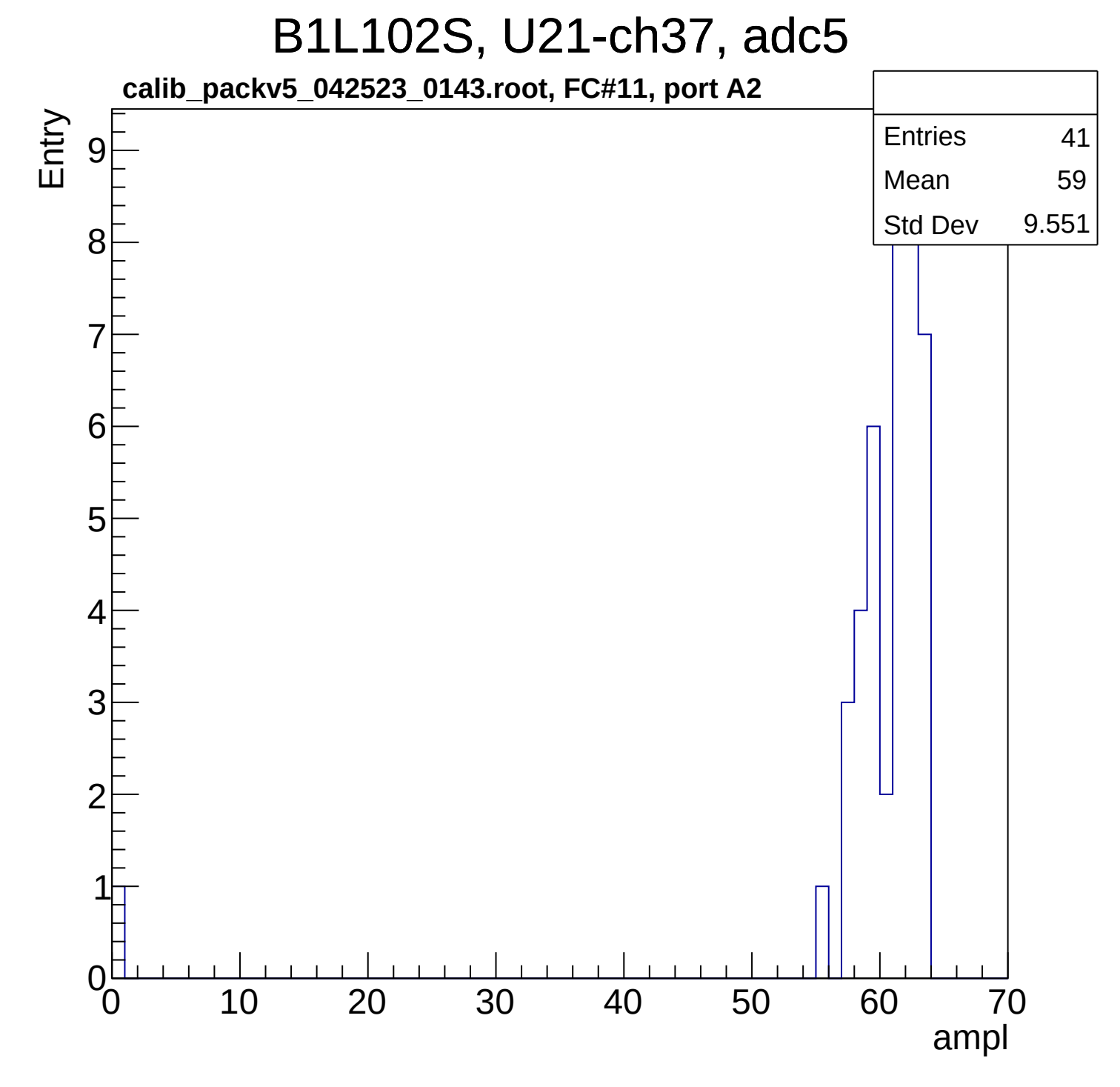
50
60
70
ampl


B1L102S, U21-ch37, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 41
Mean 59
Std Dev 9.551
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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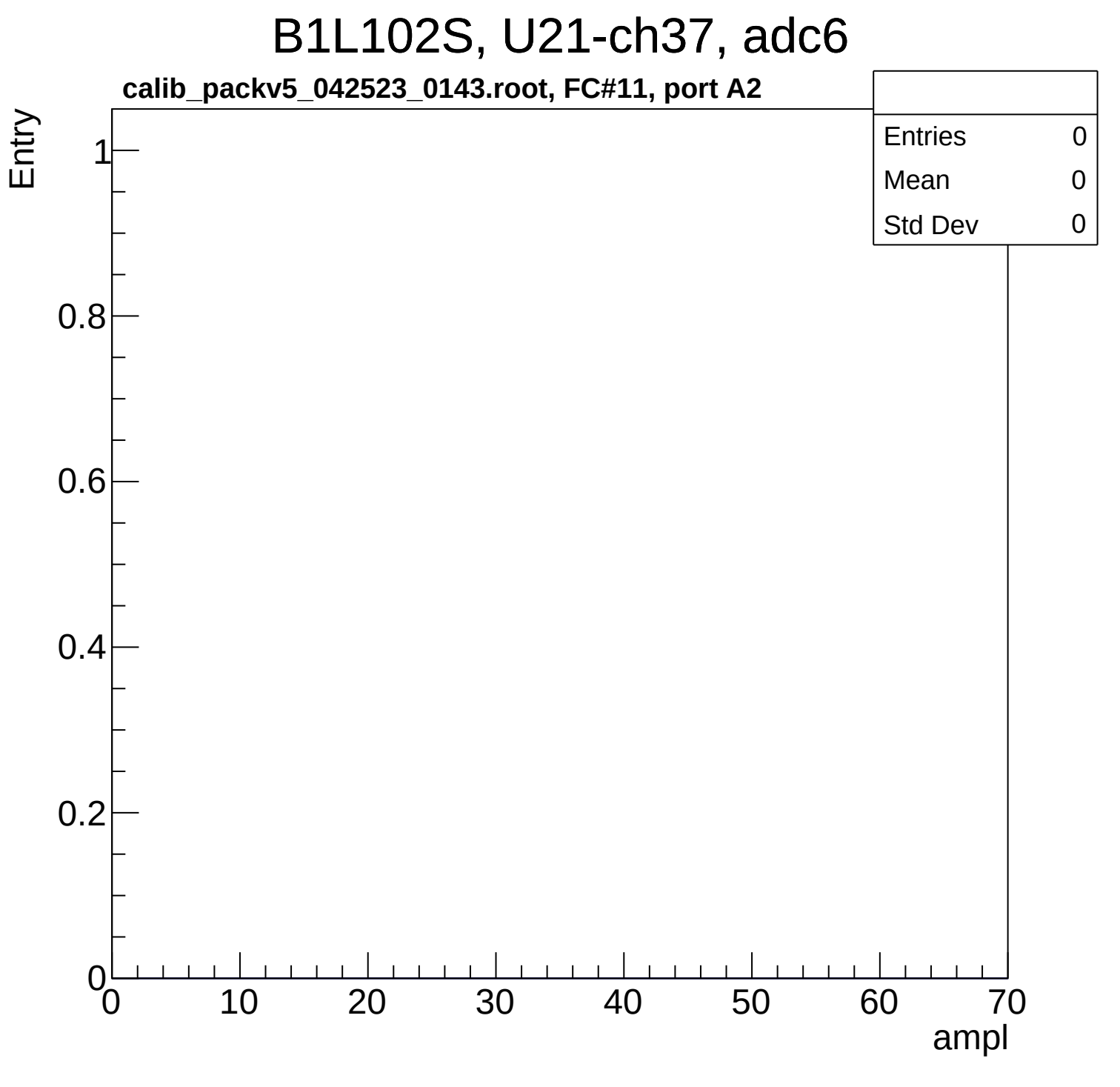
B1L102S, U21-ch37, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
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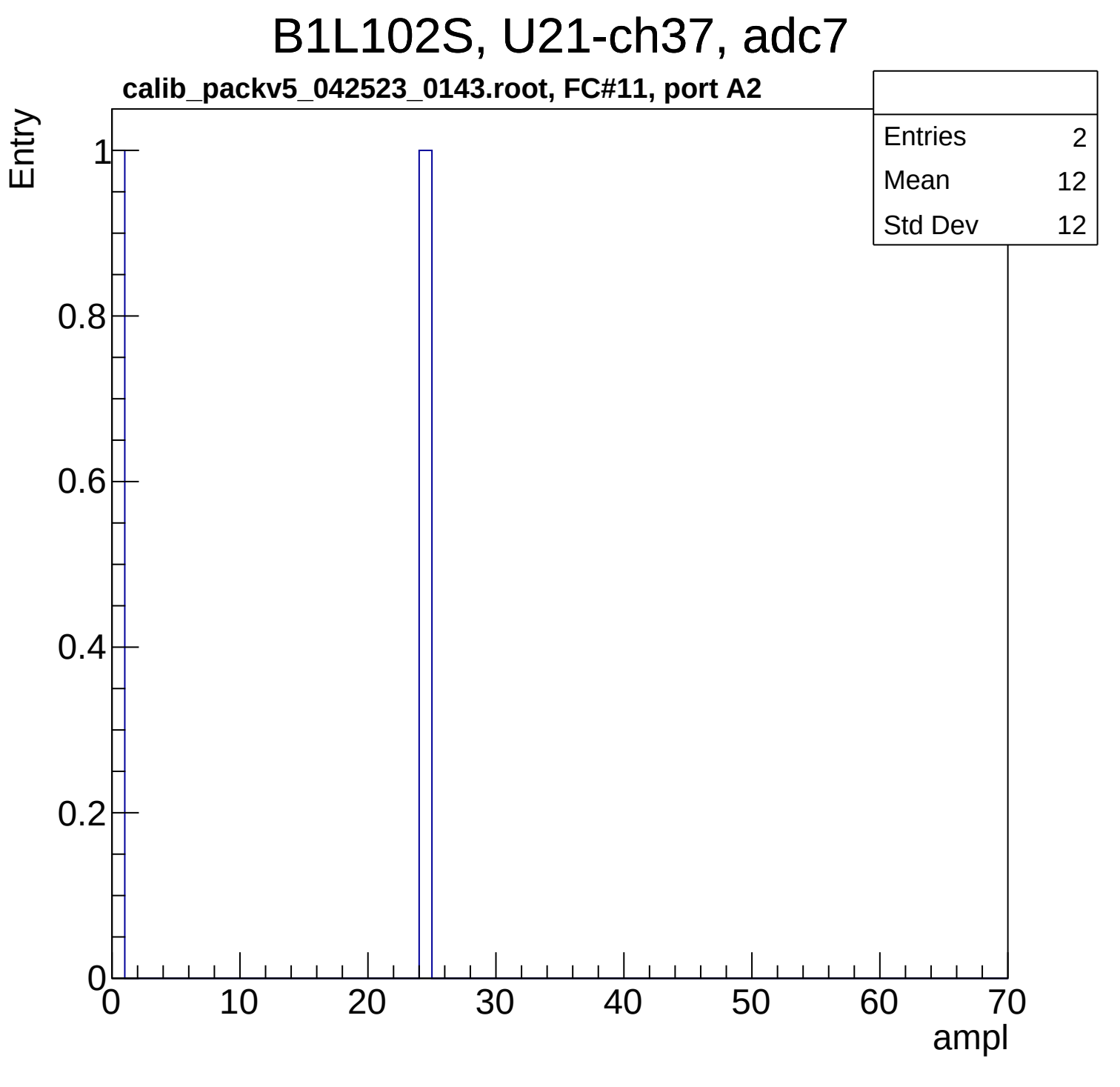
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch37, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 12
Std Dev 12
Entry
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0.6
0.4
0.2
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10
20
30
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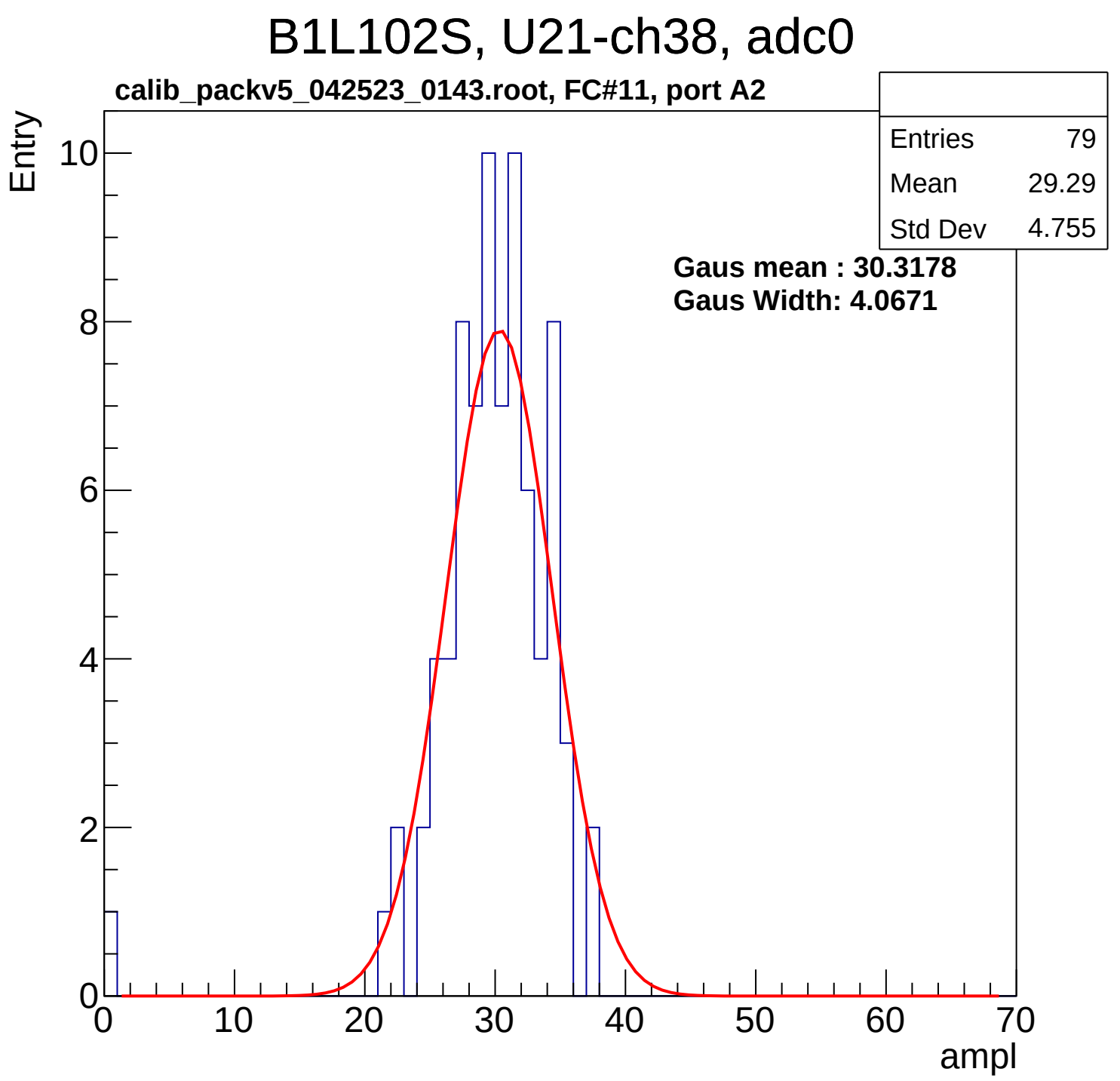
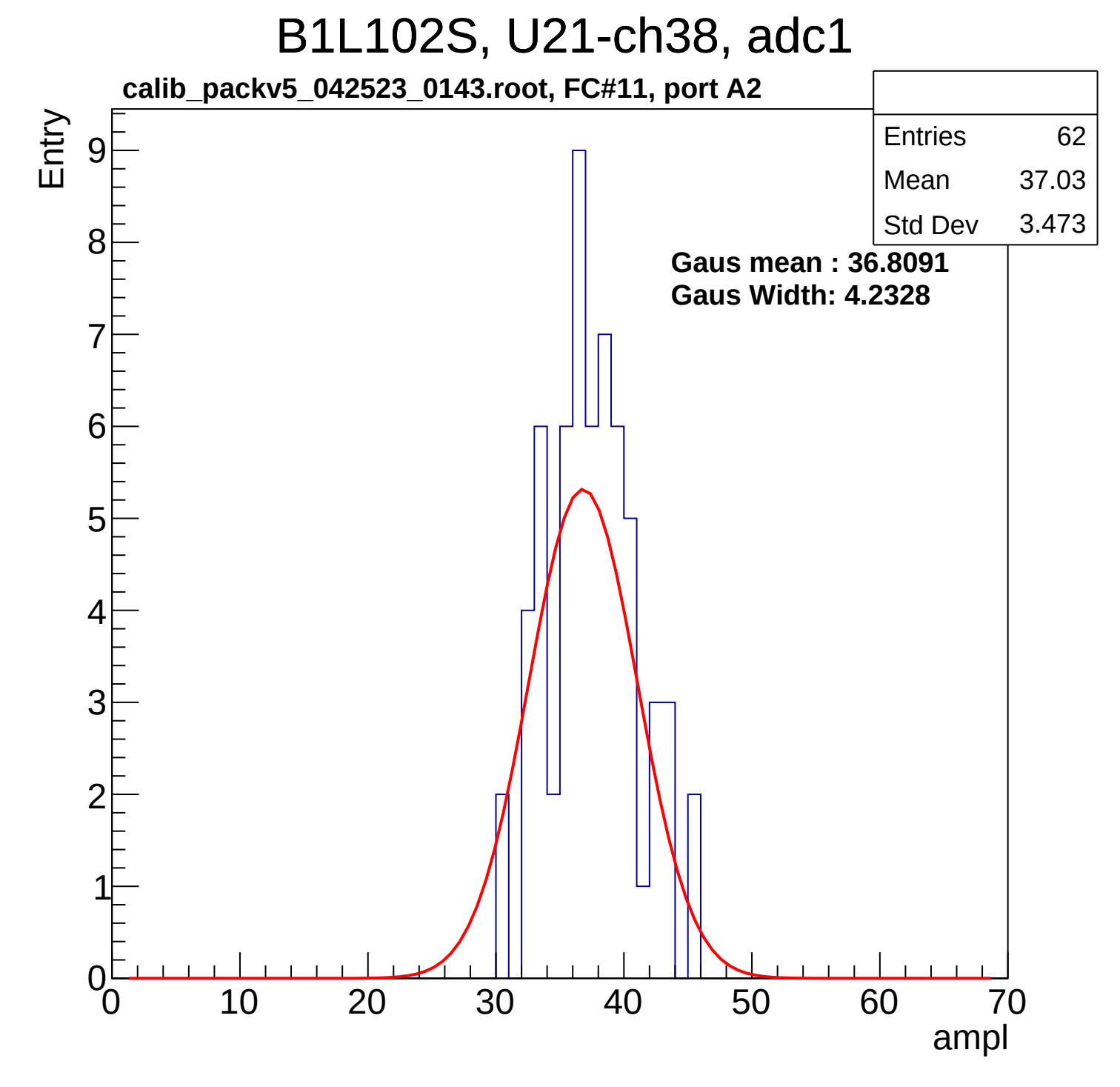
50
60
70
ampl


B1L102S, U21-ch38, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 29.29
Std Dev 4.755
Gaus mean : 30.3178
Gaus Width: 4.0671
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch38, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 37.03
Std Dev 3.473
Gaus mean : 36.8091
Gaus Width: 4.2328
Entry
ampl
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2
3
4
5
6
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8
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0
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40
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60
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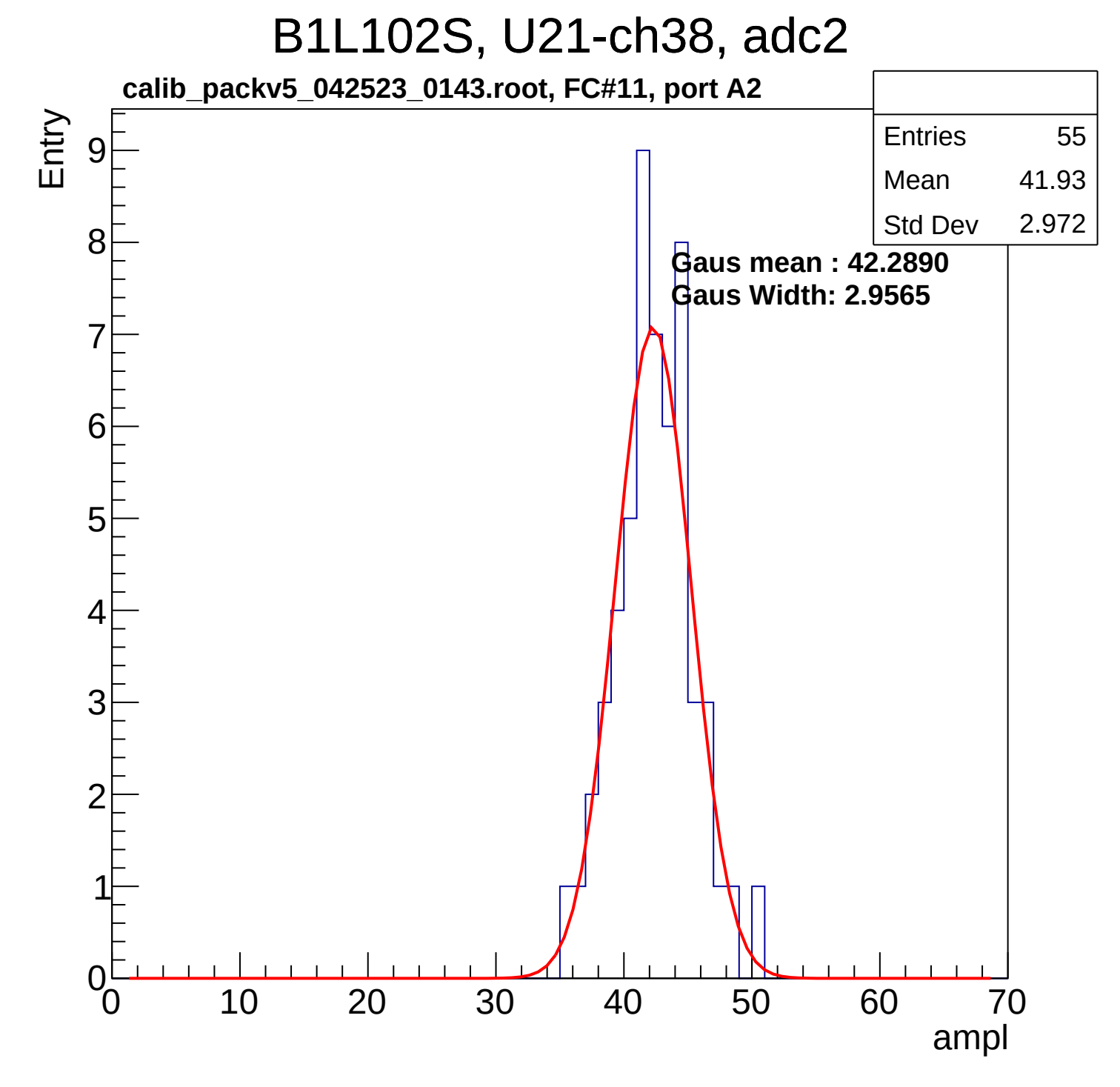
B1L102S, U21-ch38, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 41.93
Std Dev 2.972
Gaus mean : 42.2890
Gaus Width: 2.9565
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
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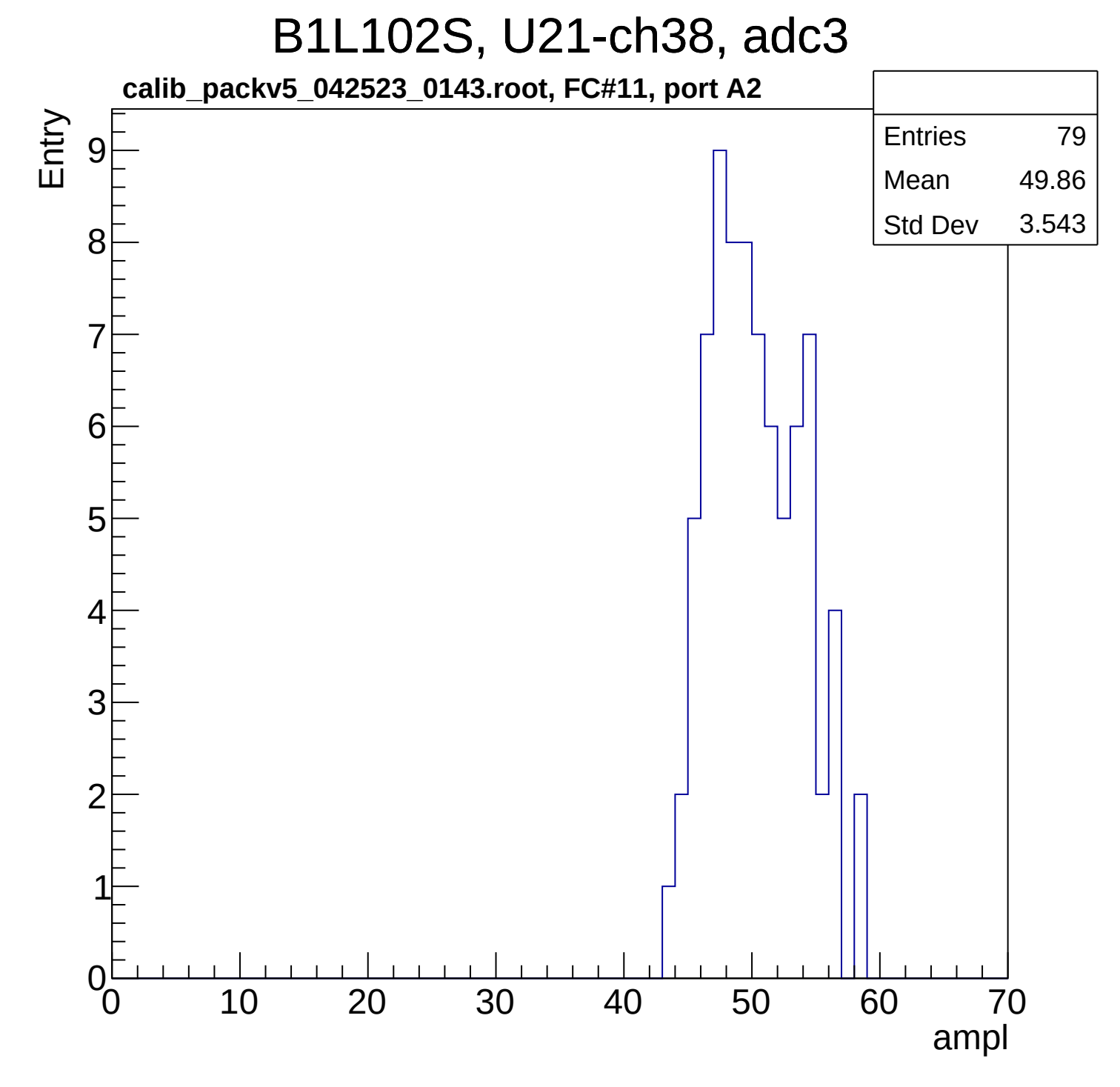
6
7
8
9


B1L102S, U21-ch38, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 49.86
Std Dev 3.543
Entry
ampl
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2
3
4
5
6
7
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9
0
10
20
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40
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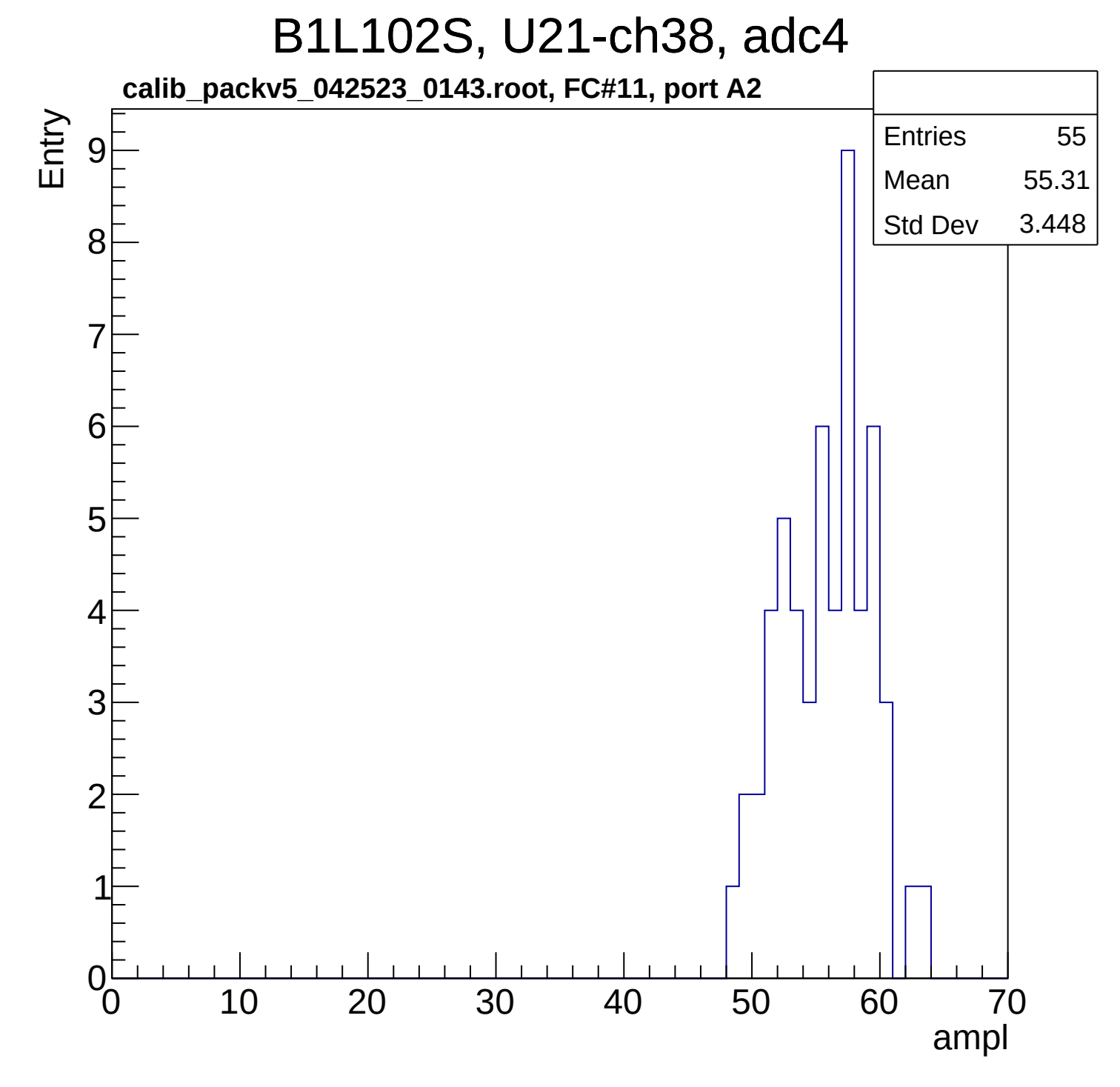
60
70


B1L102S, U21-ch38, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 55.31
Std Dev 3.448
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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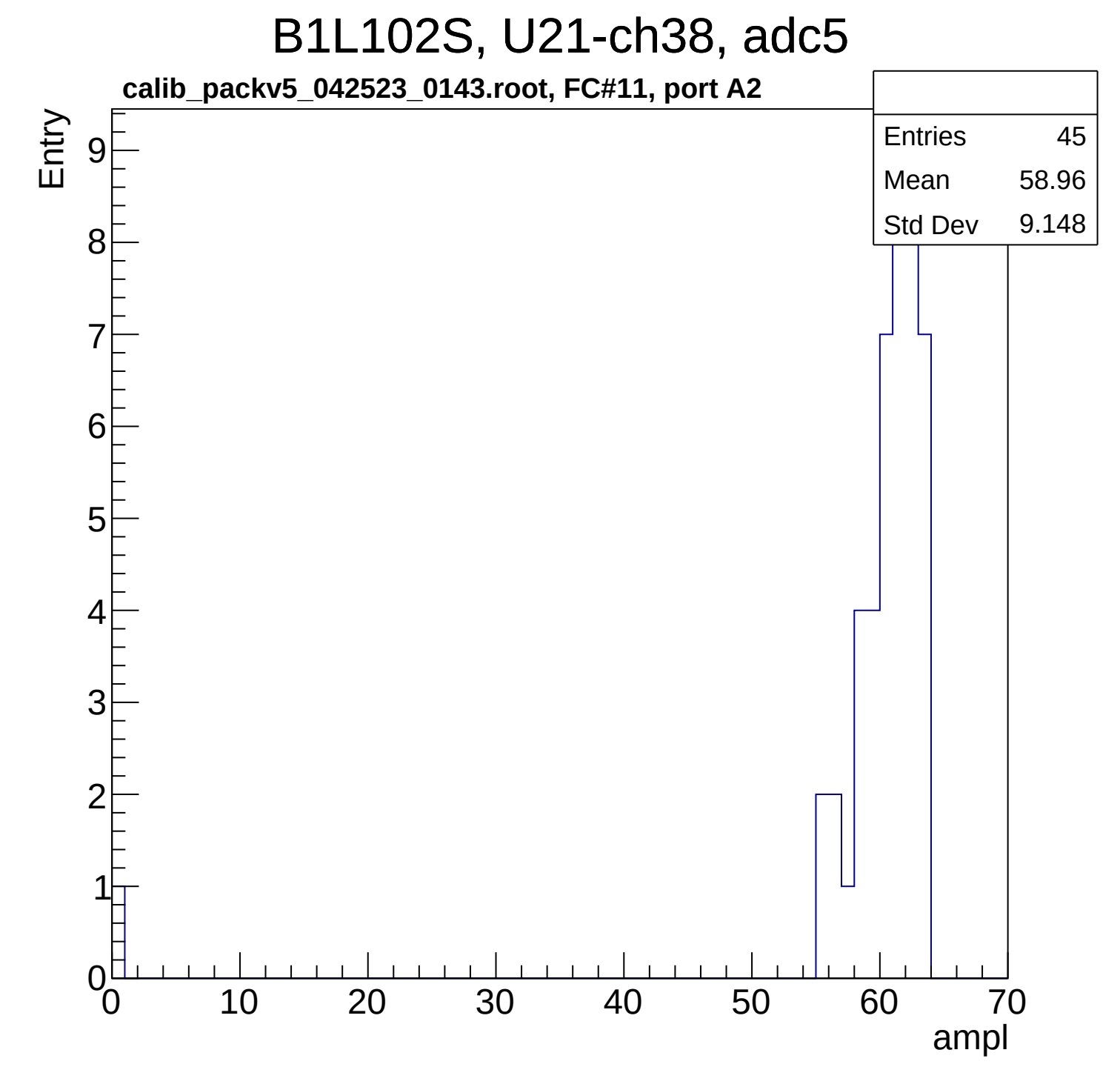
B1L102S, U21-ch38, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 45
Mean 58.96
Std Dev 9.148
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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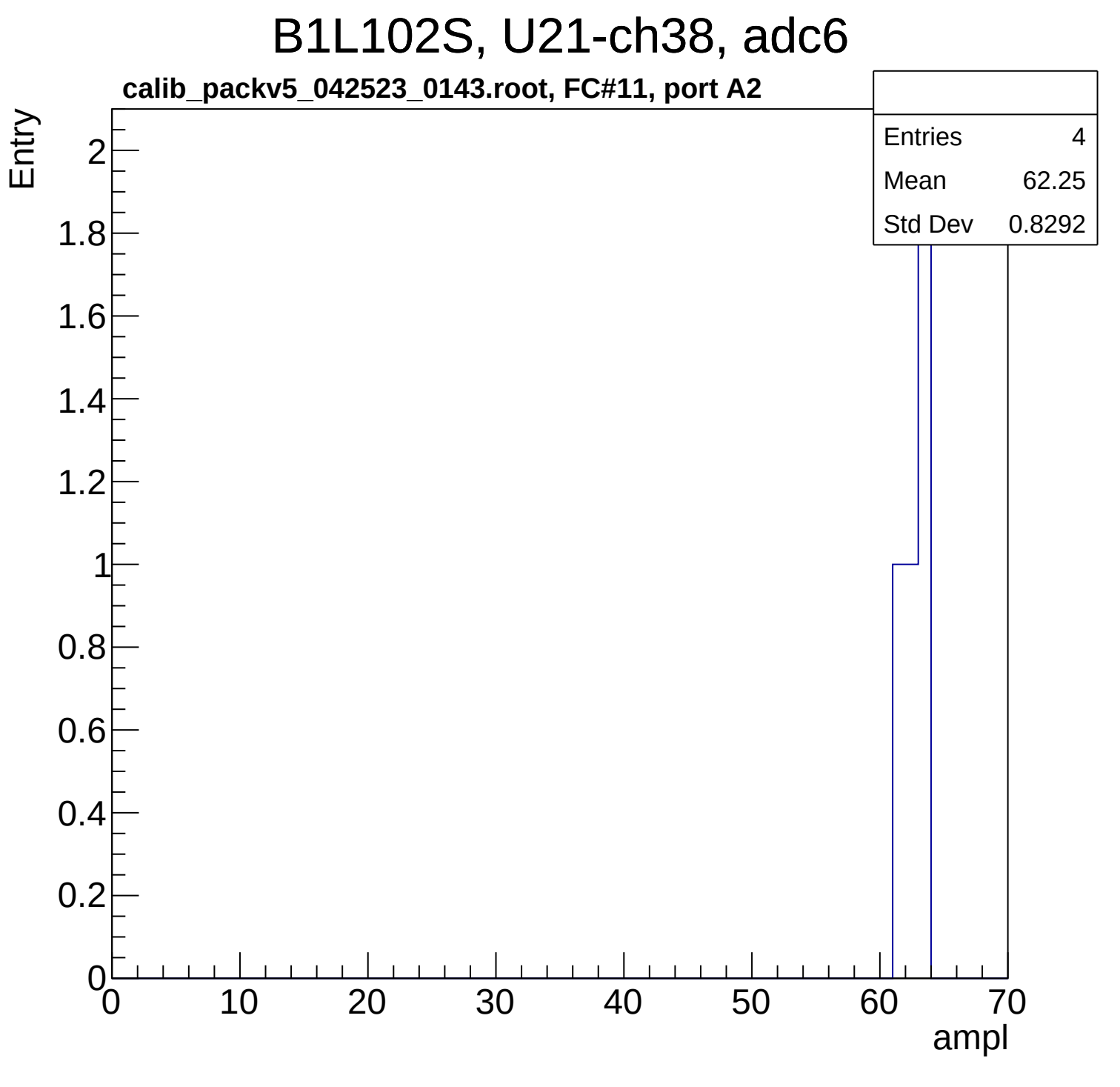
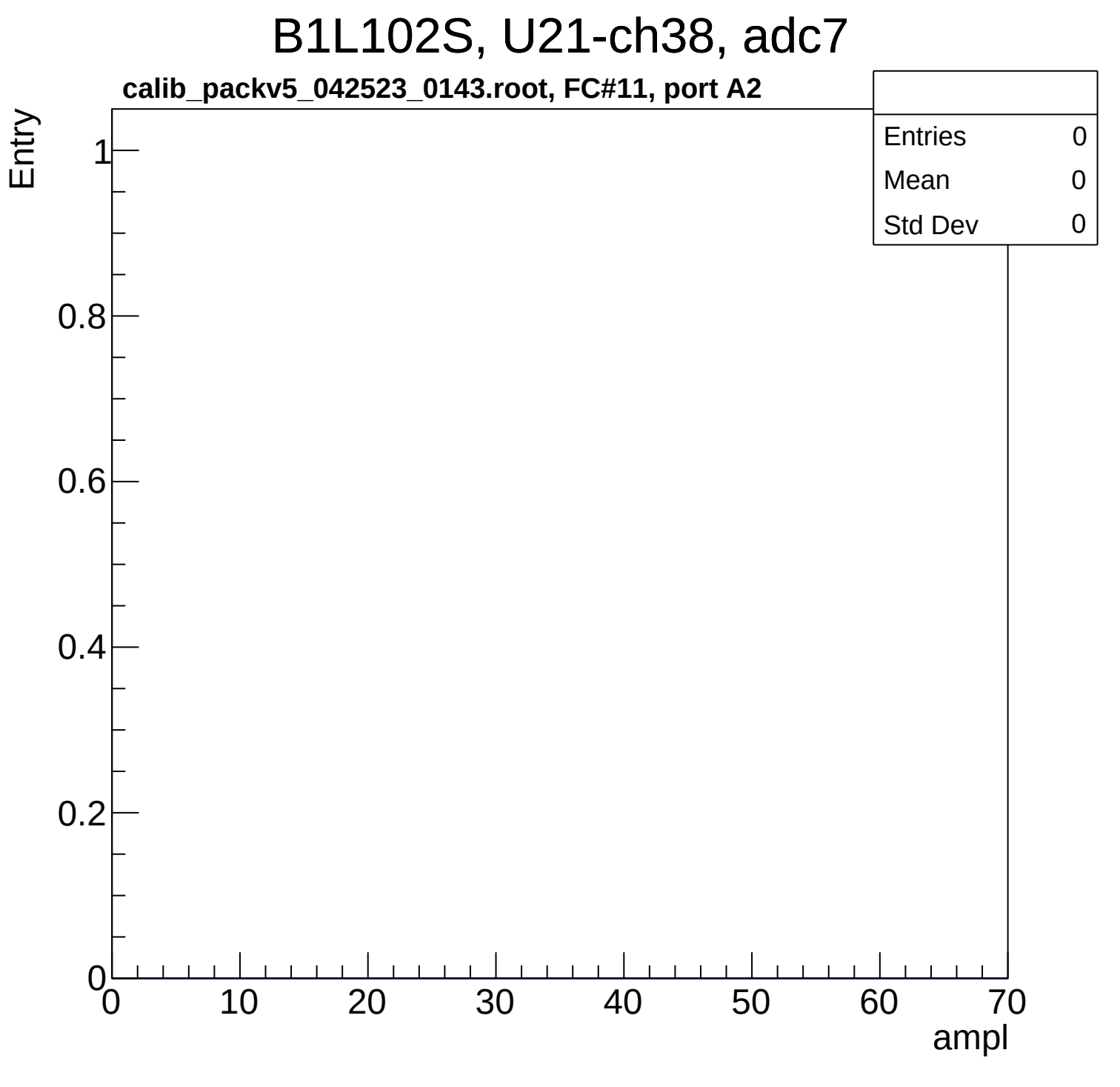
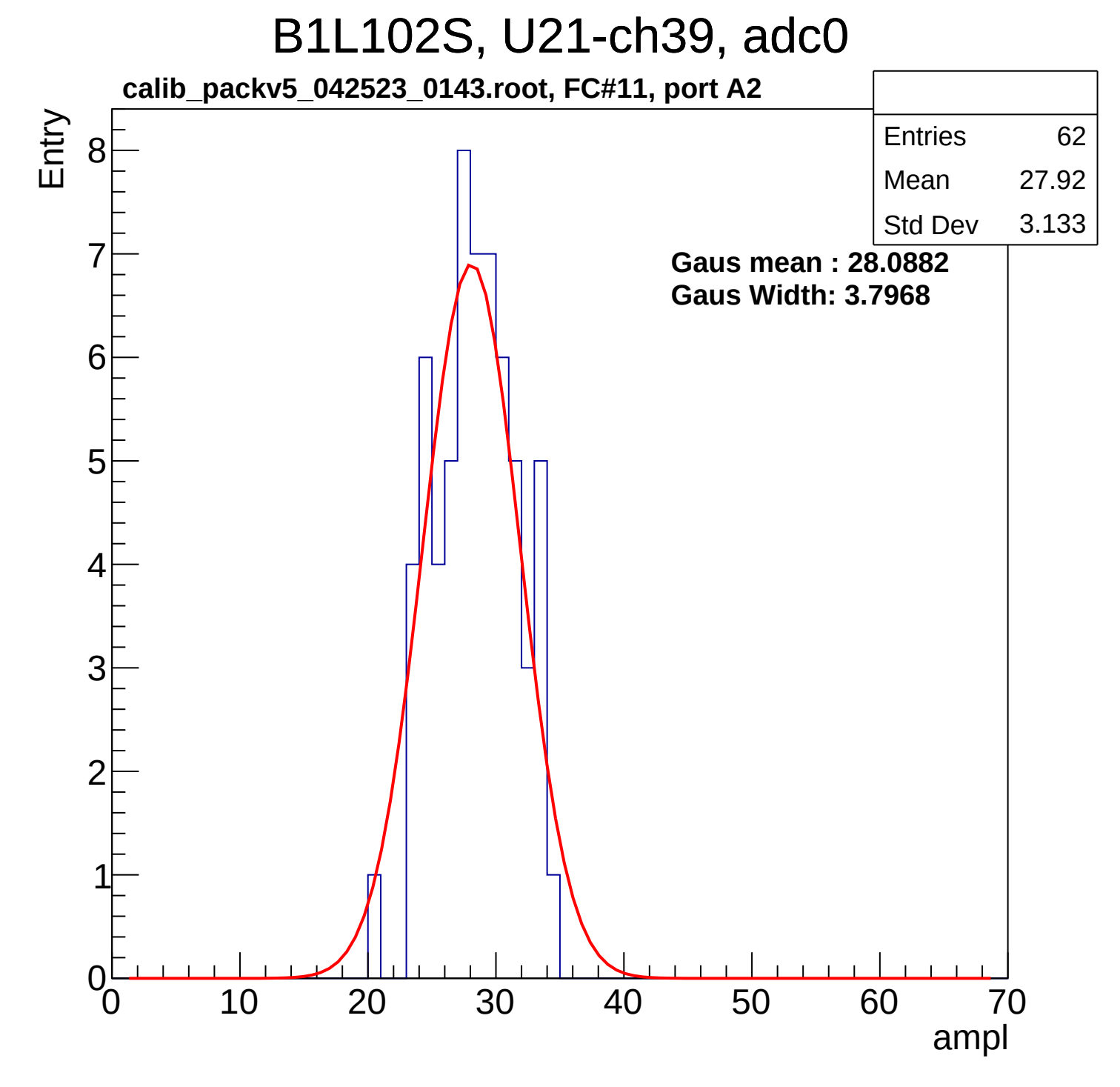
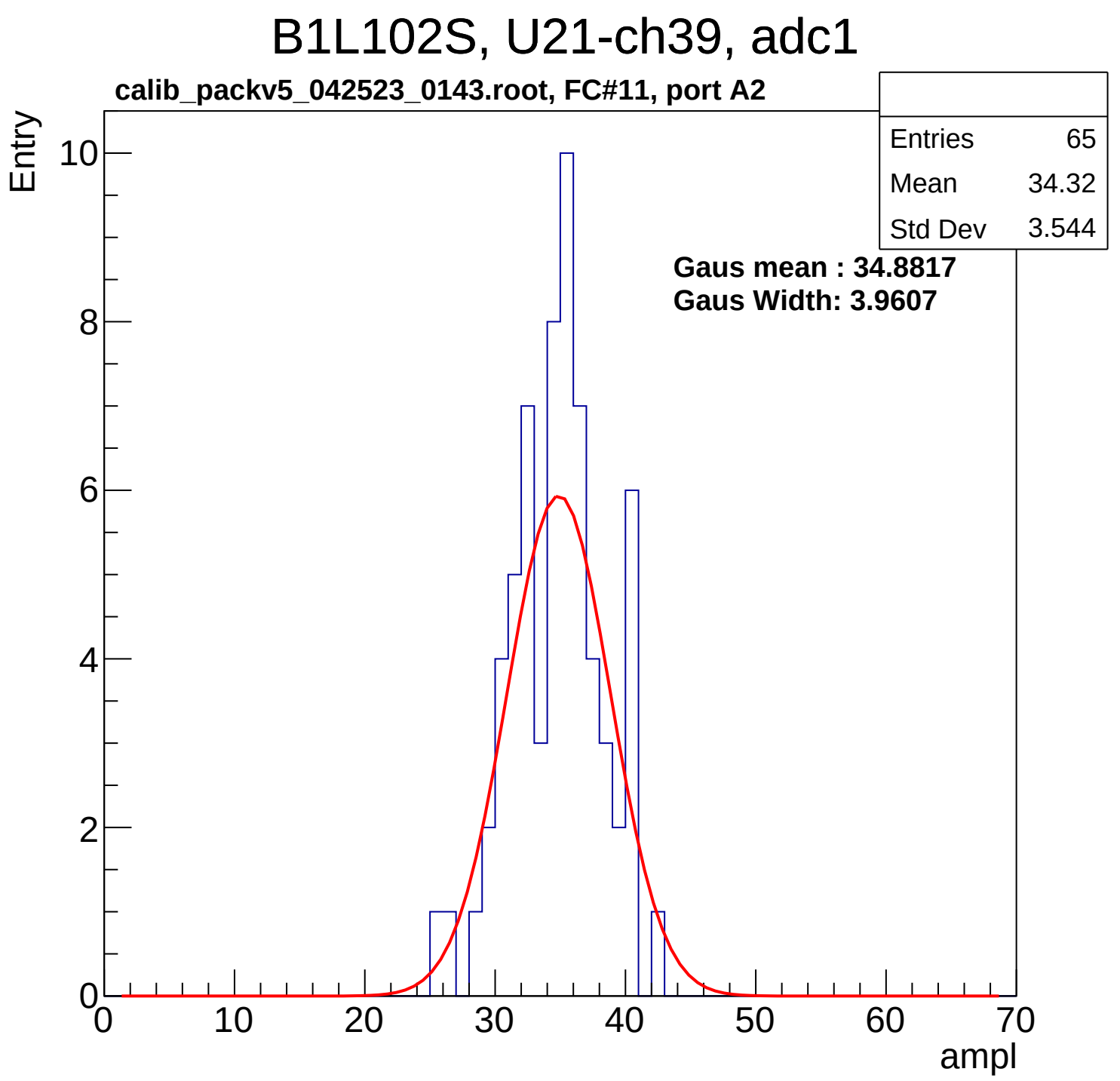
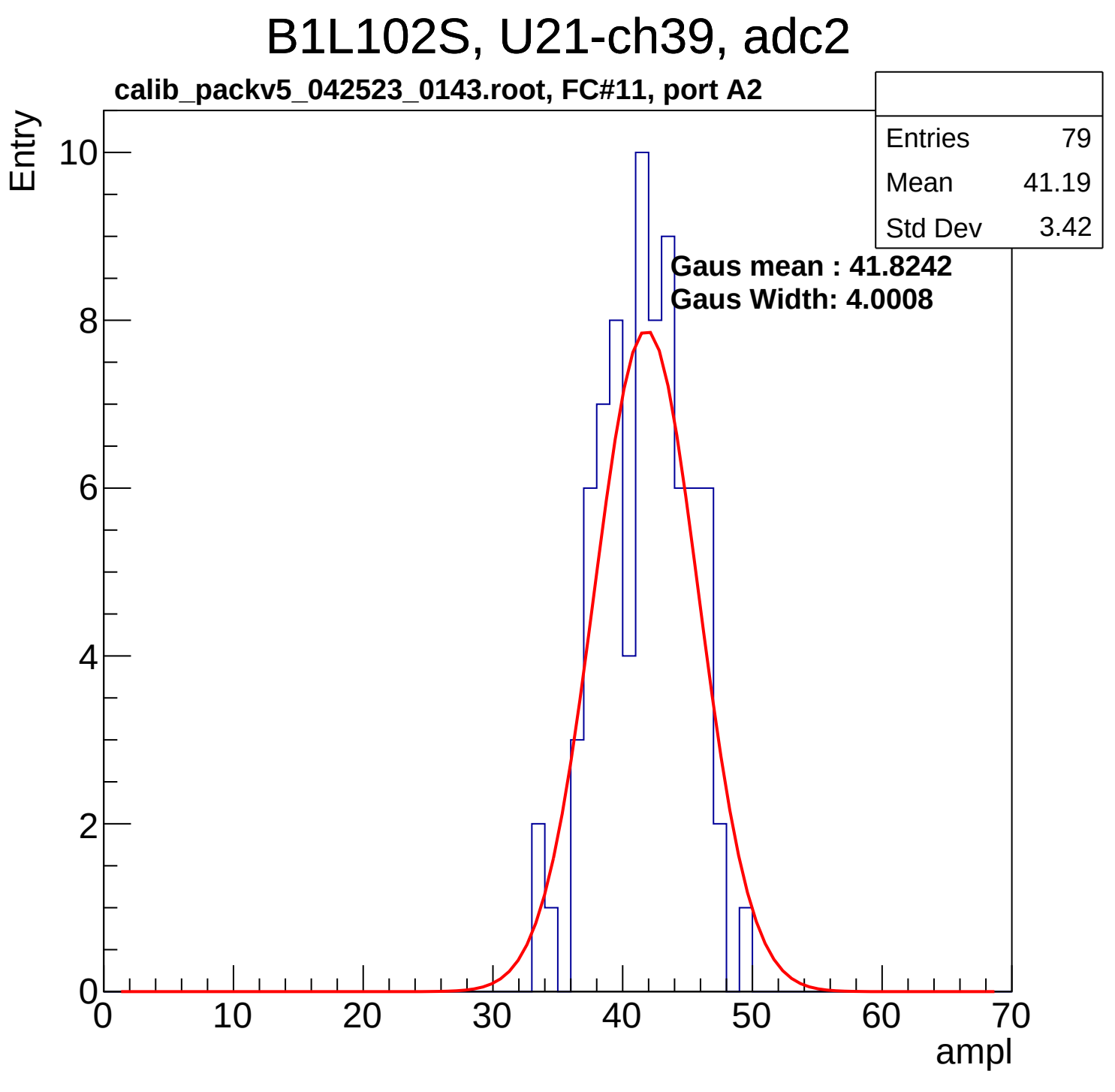

B1L102S, U21-ch38, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 62.25
Std Dev 0.8292
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L102S, U21-ch38, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch39, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 27.92
Std Dev 3.133
Gaus mean : 28.0882
Gaus Width: 3.7968
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch39, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 34.32
Std Dev 3.544
Gaus mean : 34.8817
Gaus Width: 3.9607
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch39, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 41.19
Std Dev 3.42
Gaus mean : 41.8242
Gaus Width: 4.0008
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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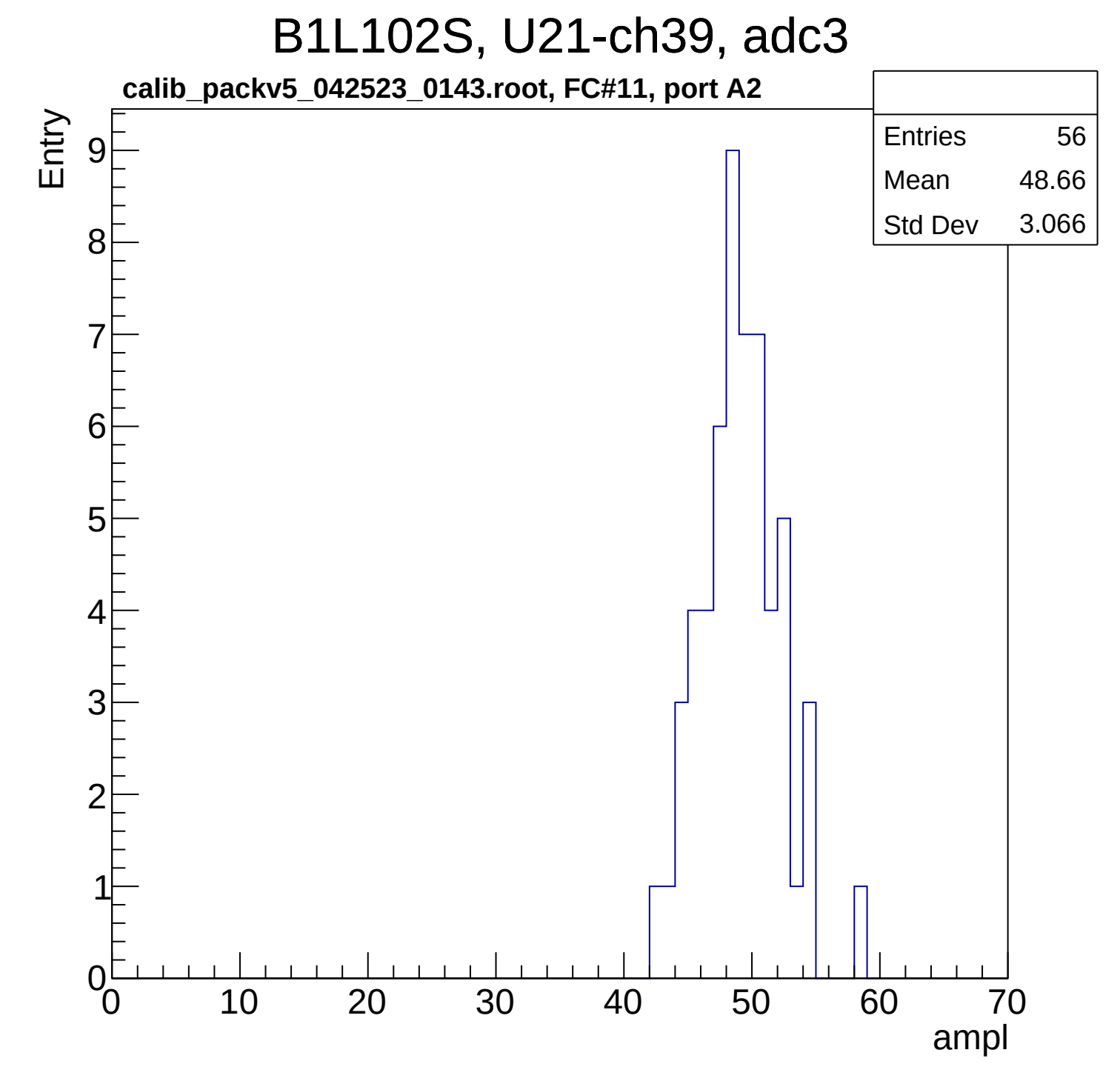
B1L102S, U21-ch39, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 48.66
Std Dev 3.066
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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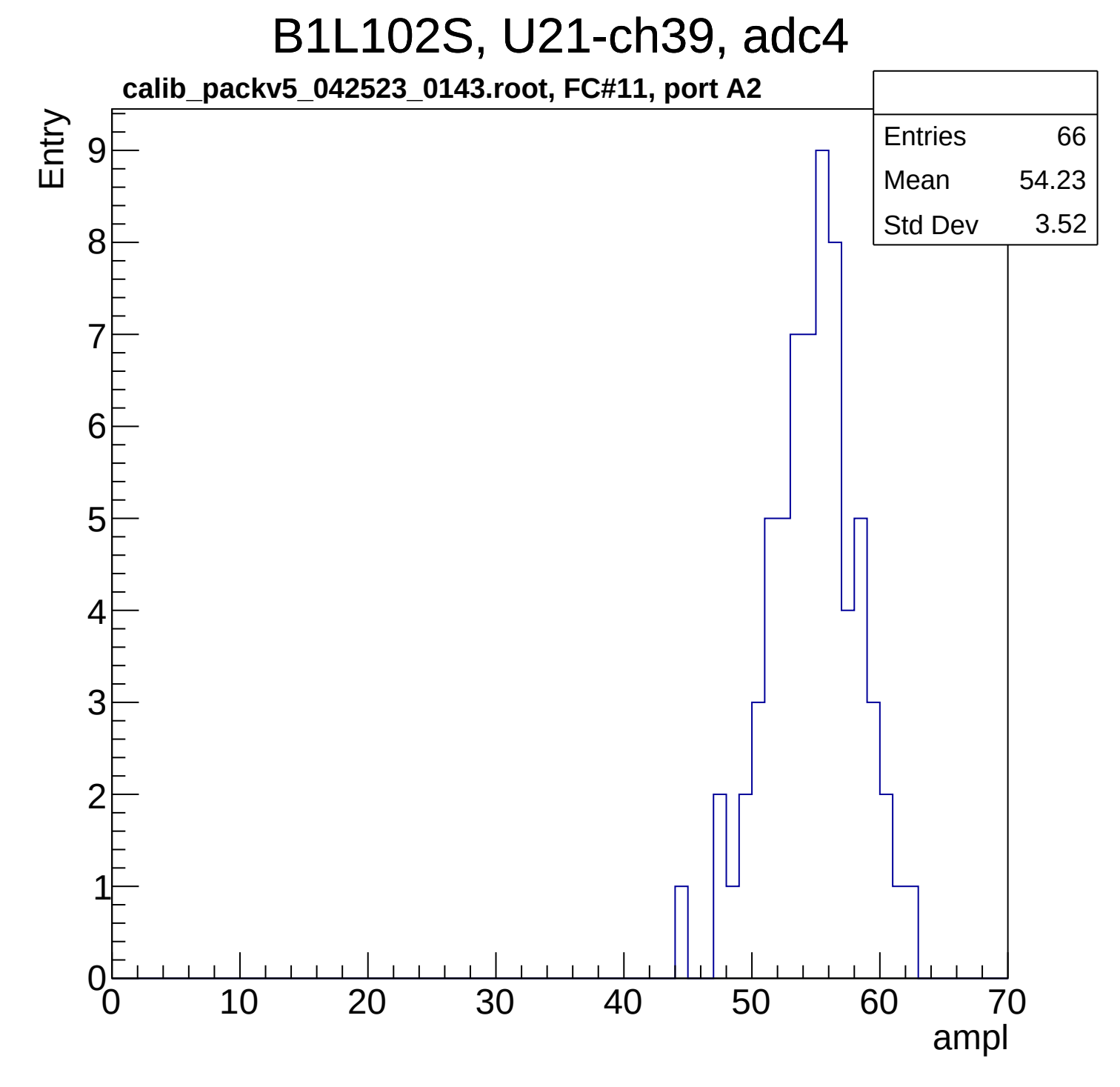
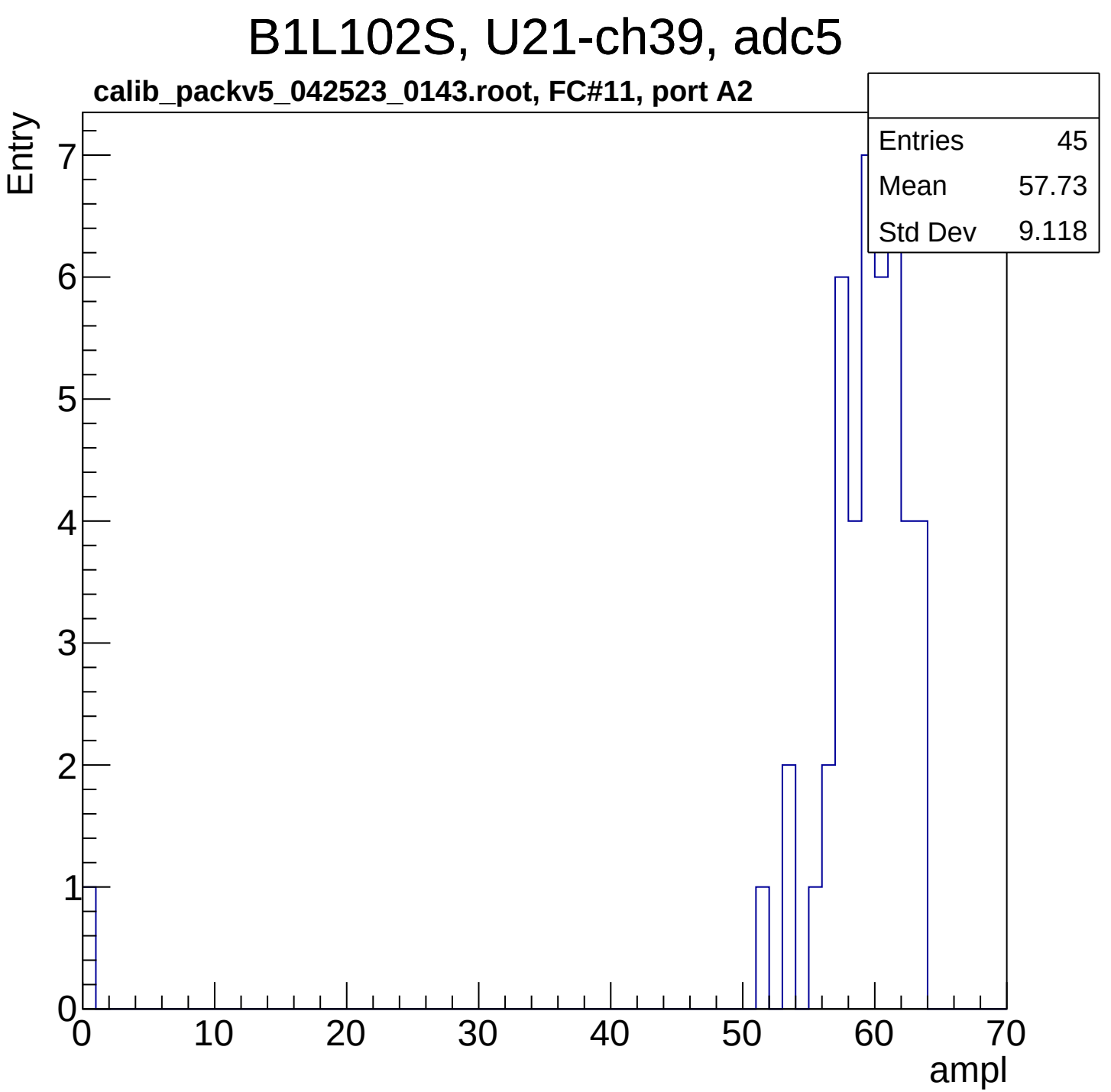
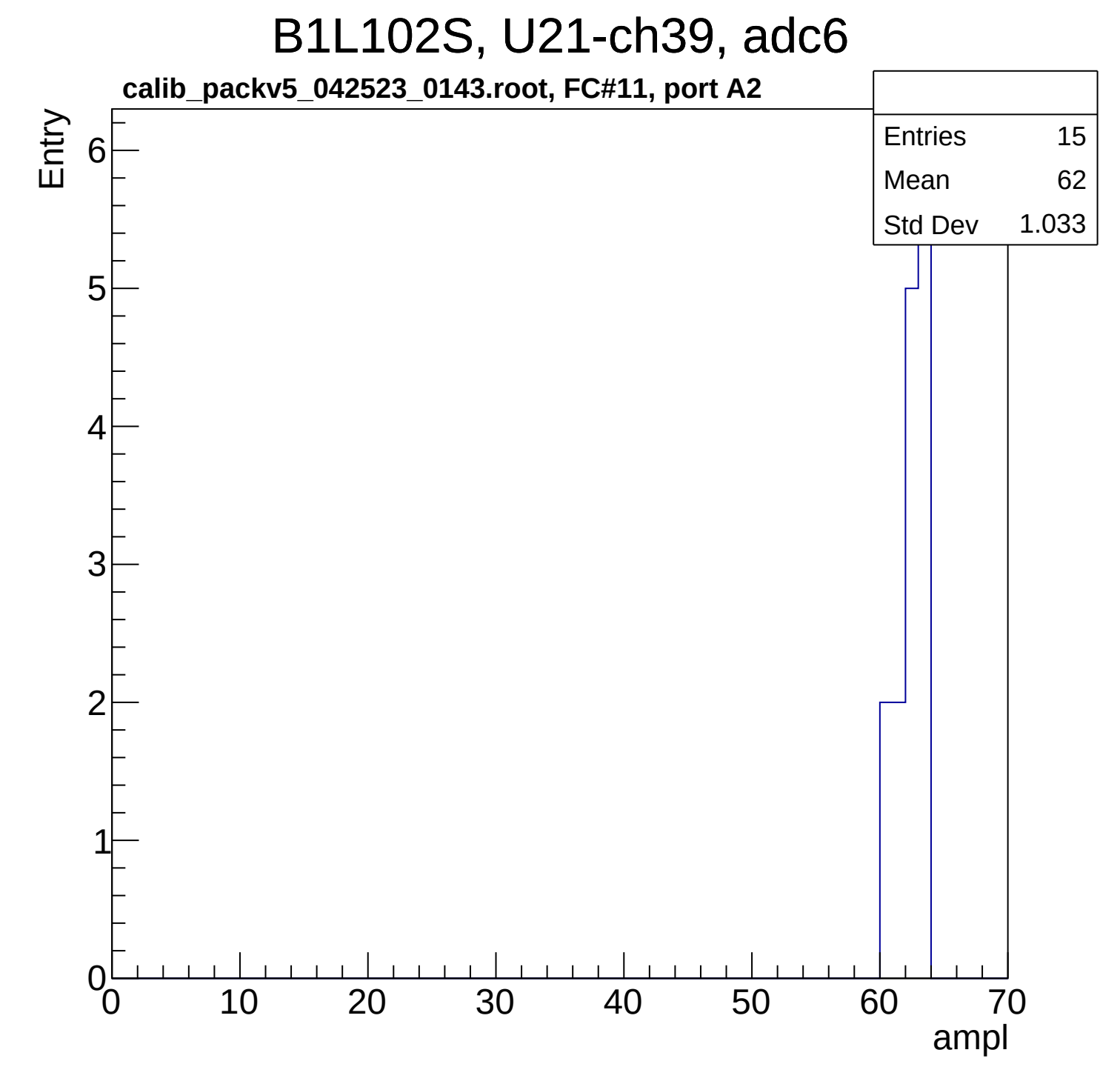
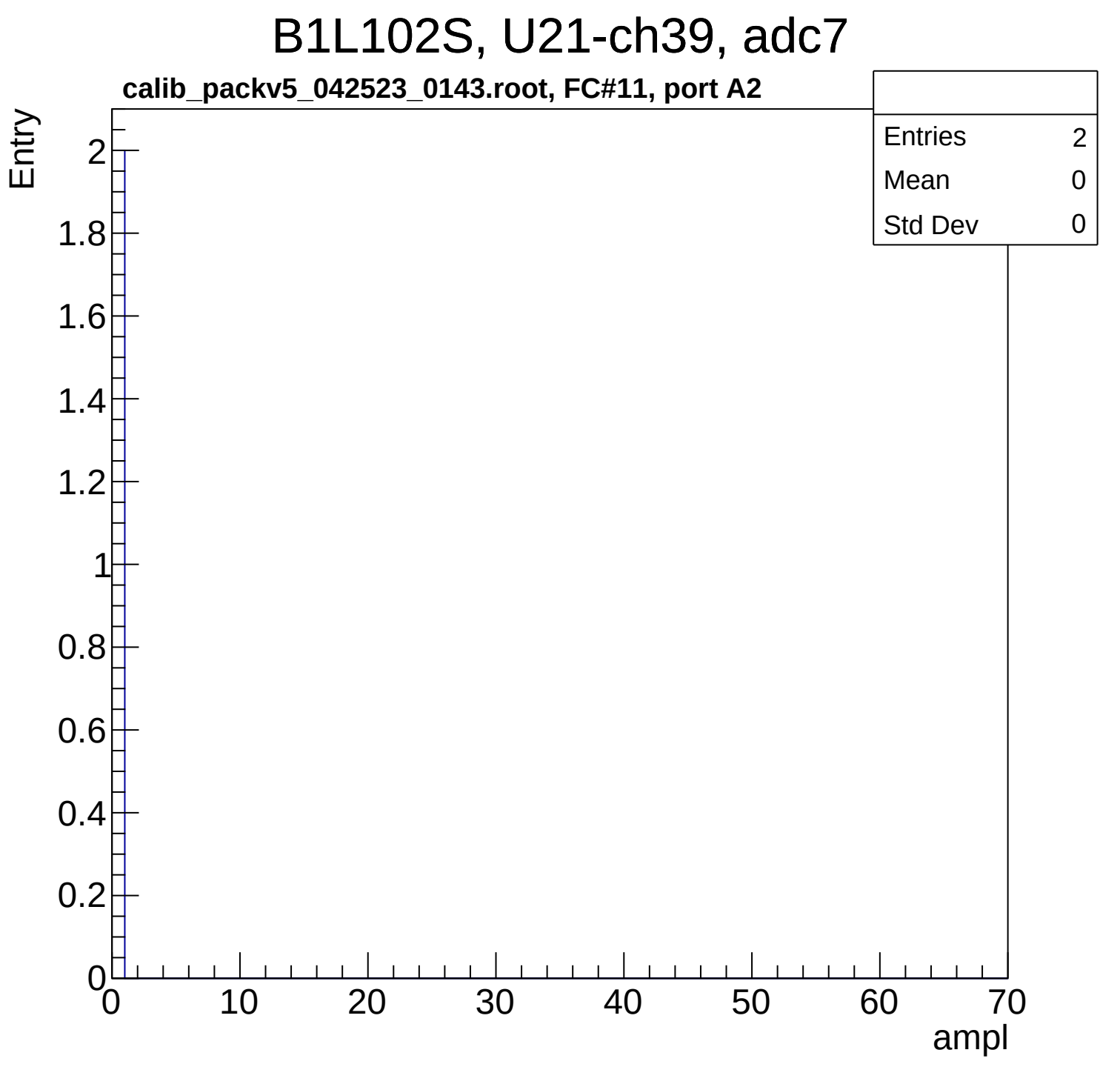
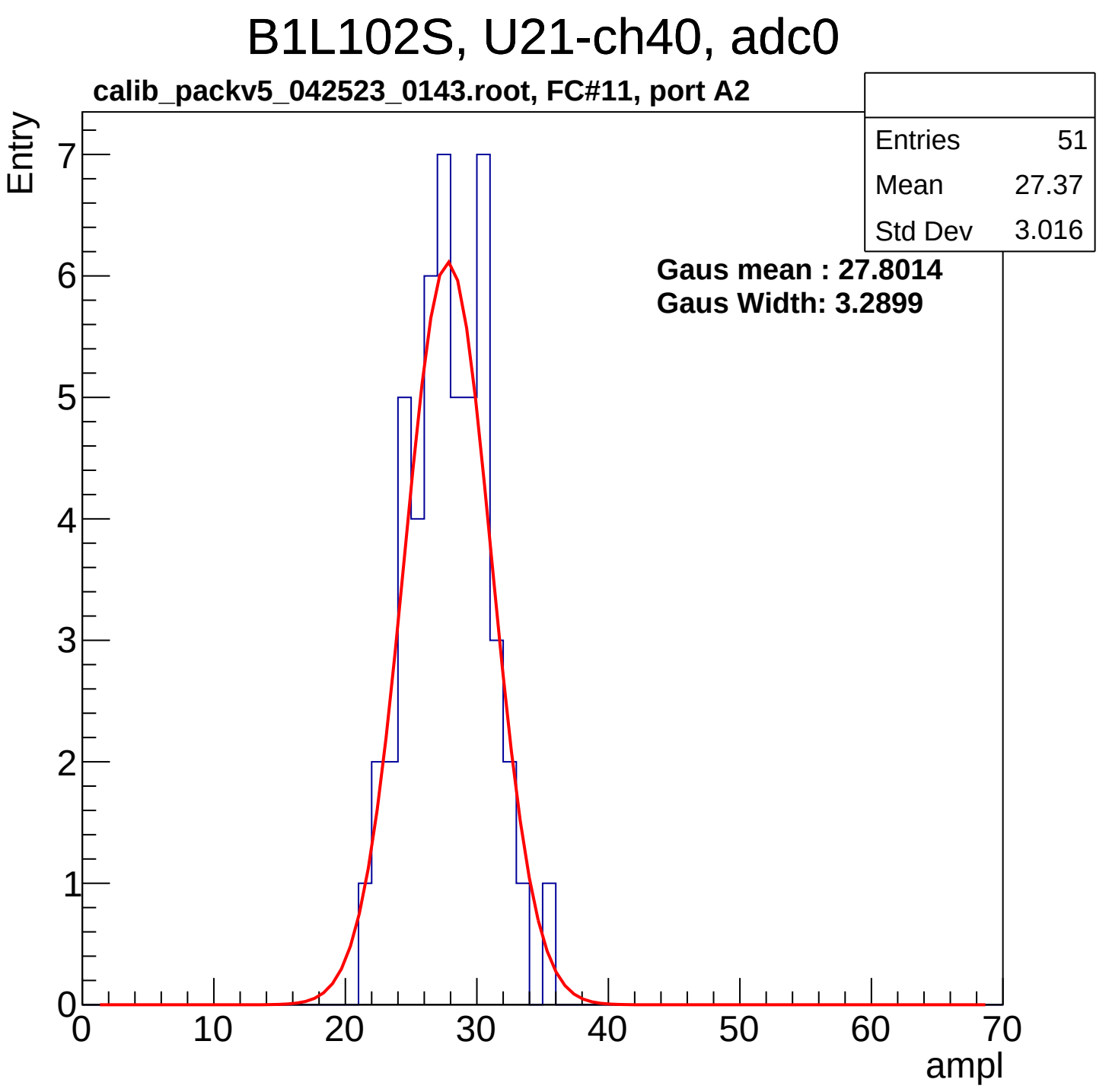
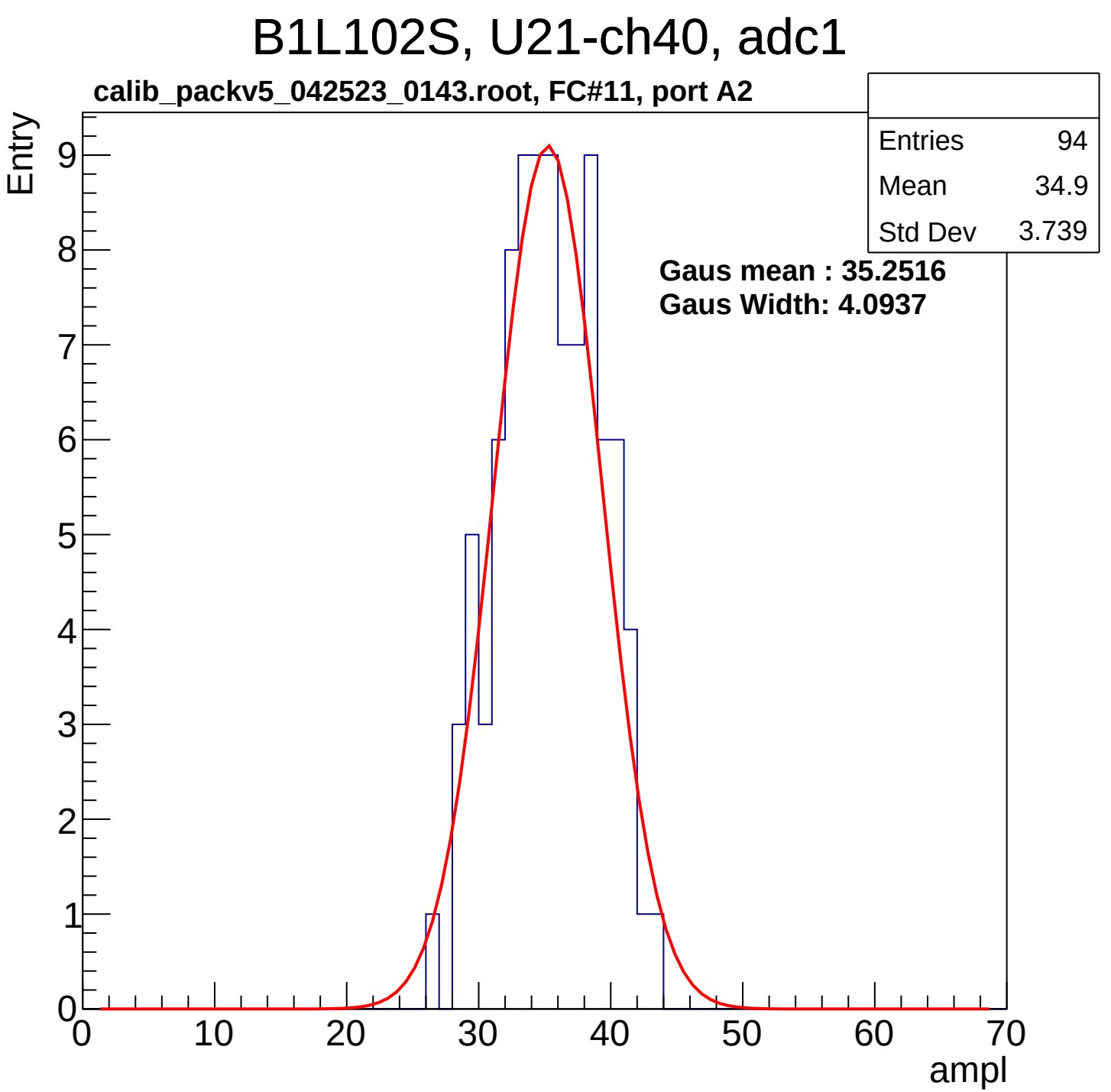

B1L102S, U21-ch39, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 54.23
Std Dev 3.52
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch39, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 45
Mean 57.73
Std Dev 9.118
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch39, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 15
Mean 62
Std Dev 1.033
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch39, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch40, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 27.37
Std Dev 3.016
Gaus mean : 27.8014
Gaus Width: 3.2899
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch40, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 94
Mean 34.9
Std Dev 3.739
Gaus mean : 35.2516
Gaus Width: 4.0937
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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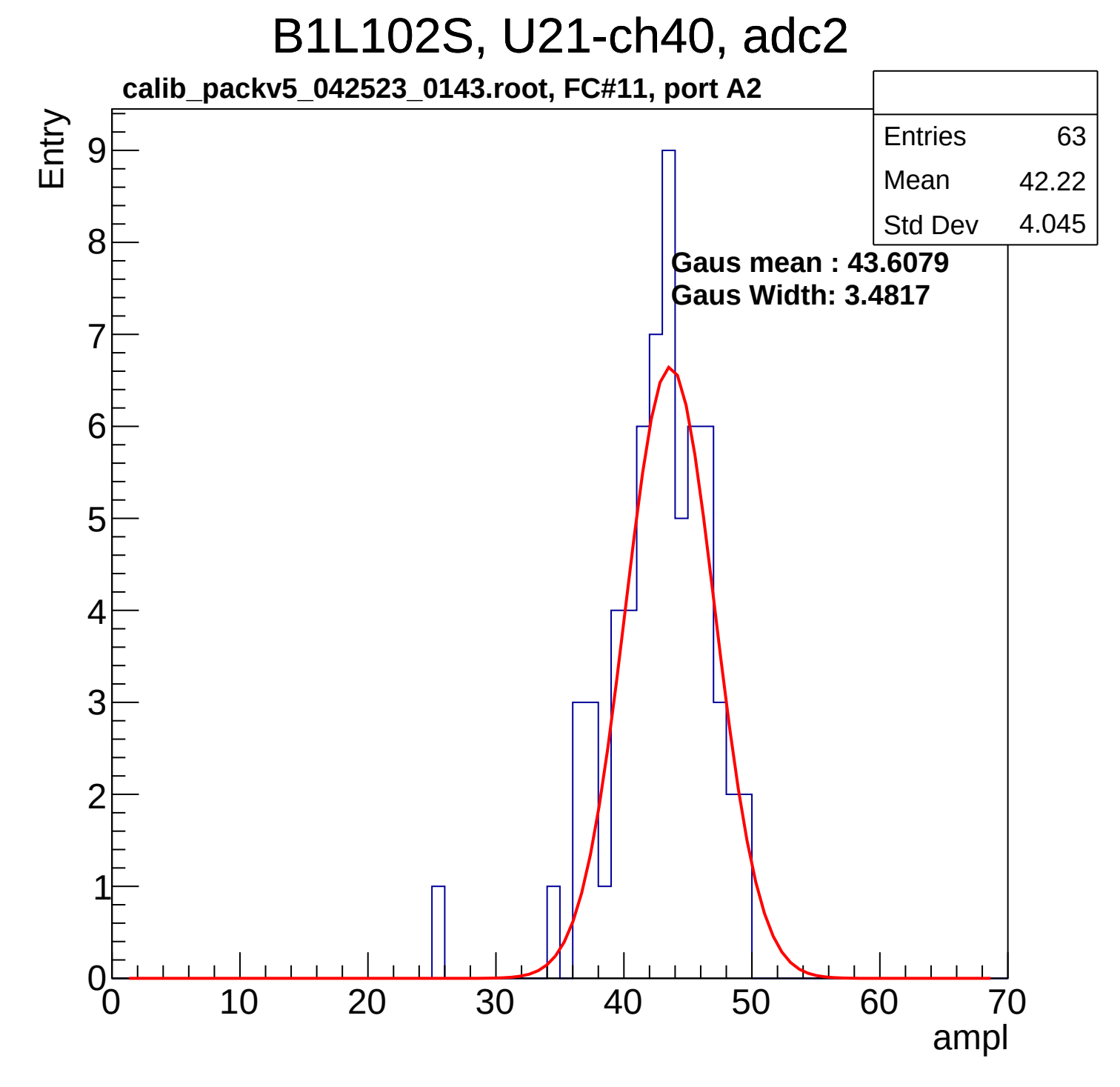
B1L102S, U21-ch40, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 42.22
Std Dev 4.045
Gaus mean : 43.6079
Gaus Width: 3.4817
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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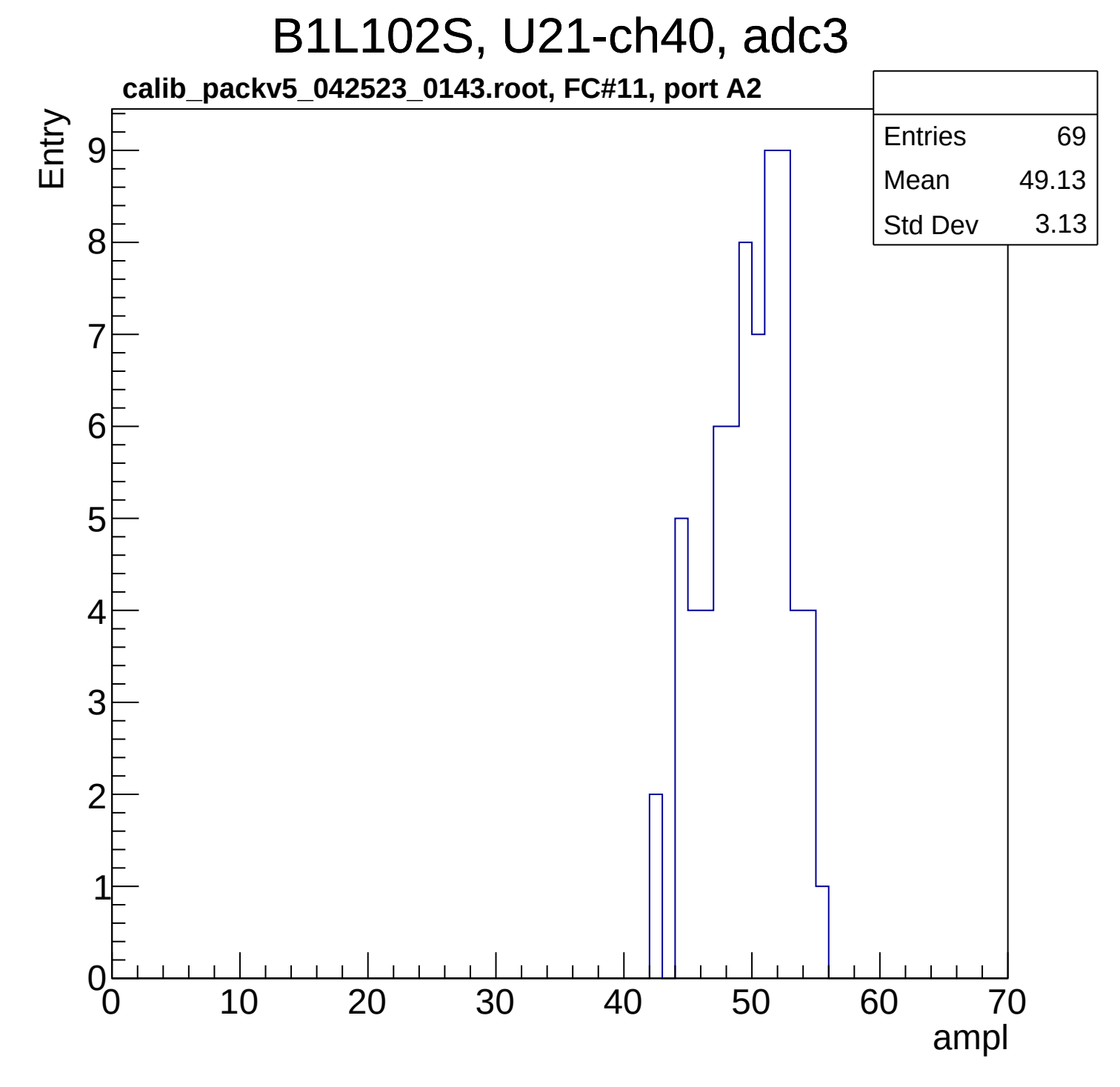
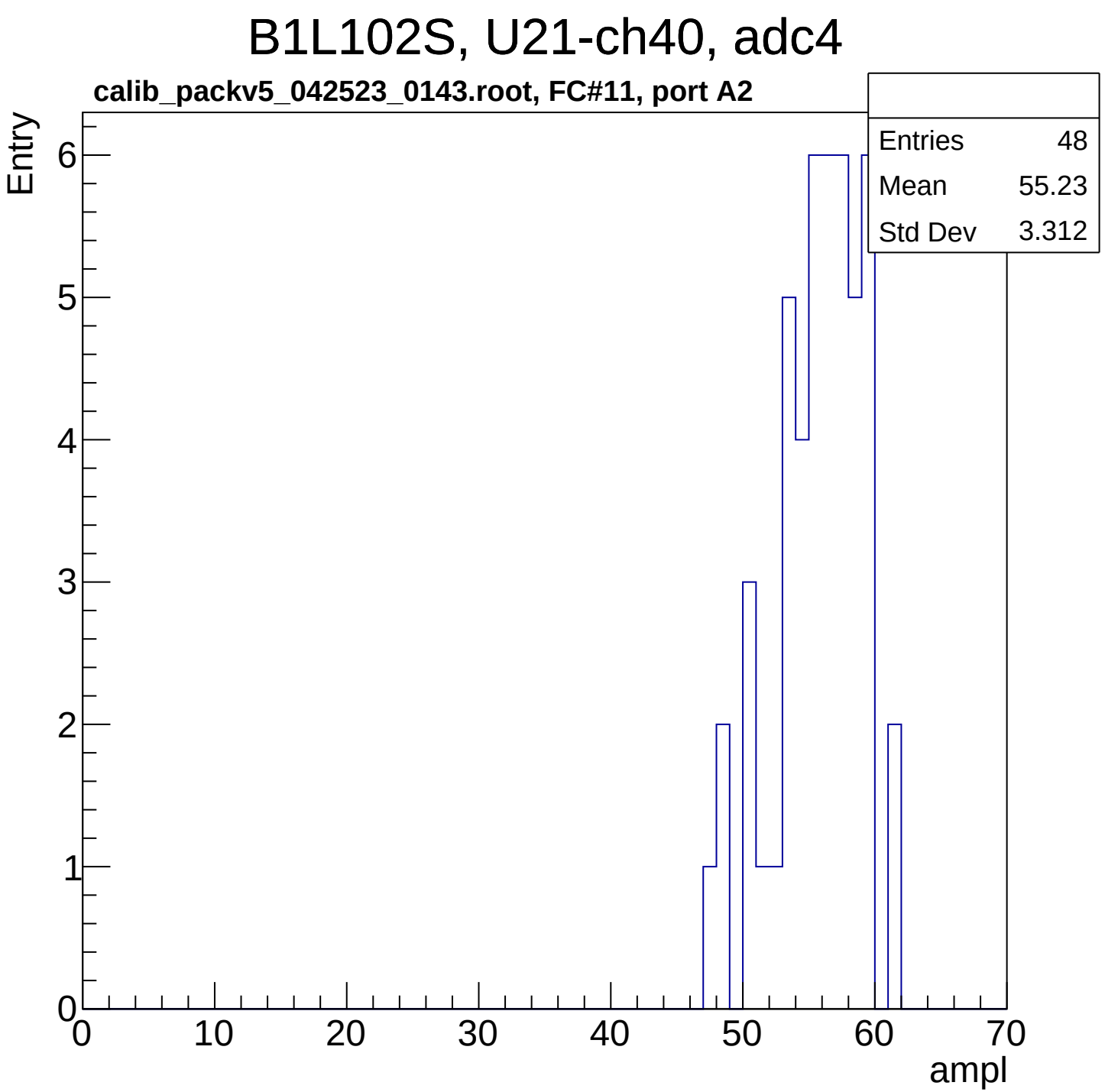
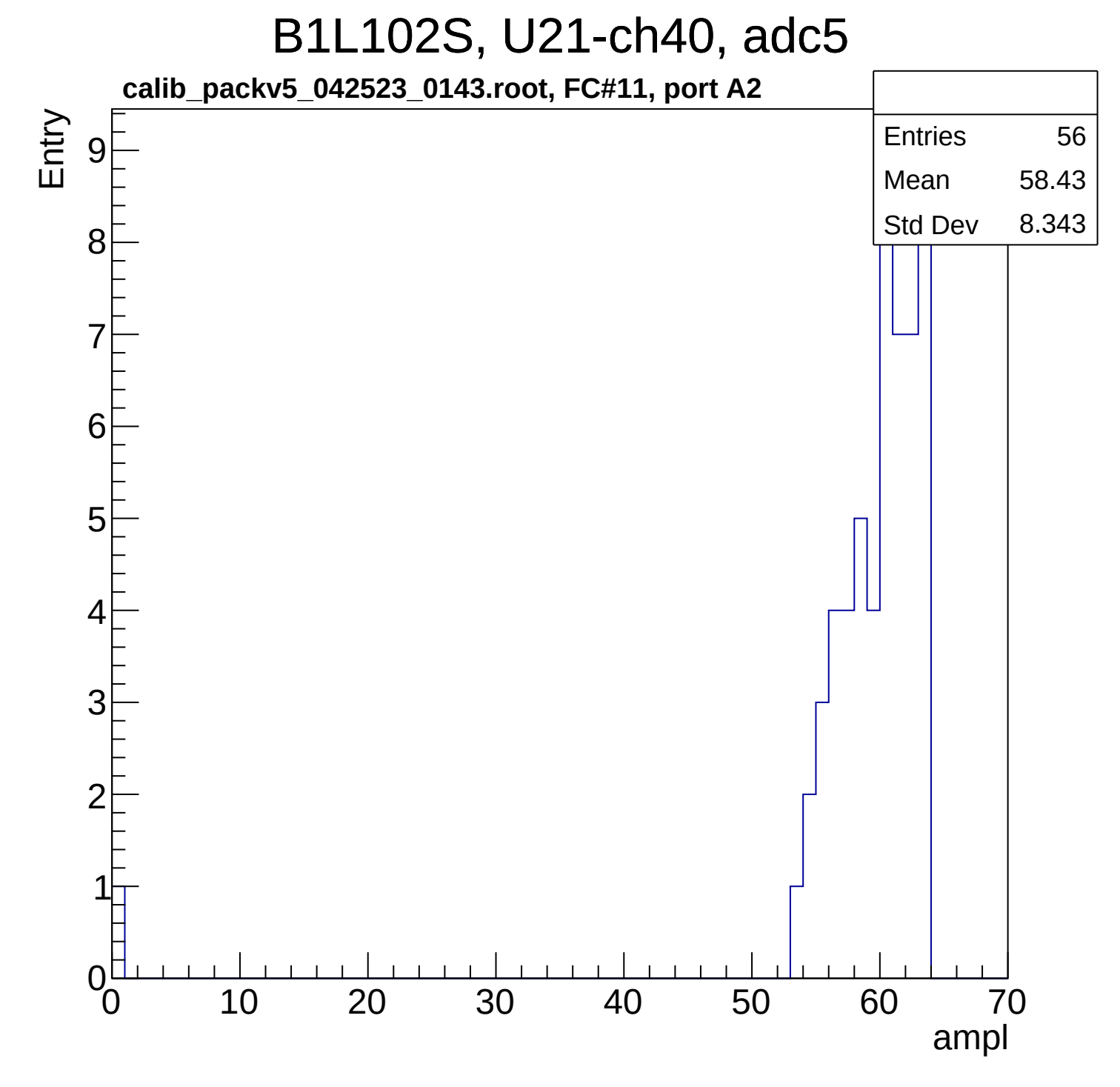

B1L102S, U21-ch40, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 49.13
Std Dev 3.13
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch40, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 48
Mean 55.23
Std Dev 3.312
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch40, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 58.43
Std Dev 8.343
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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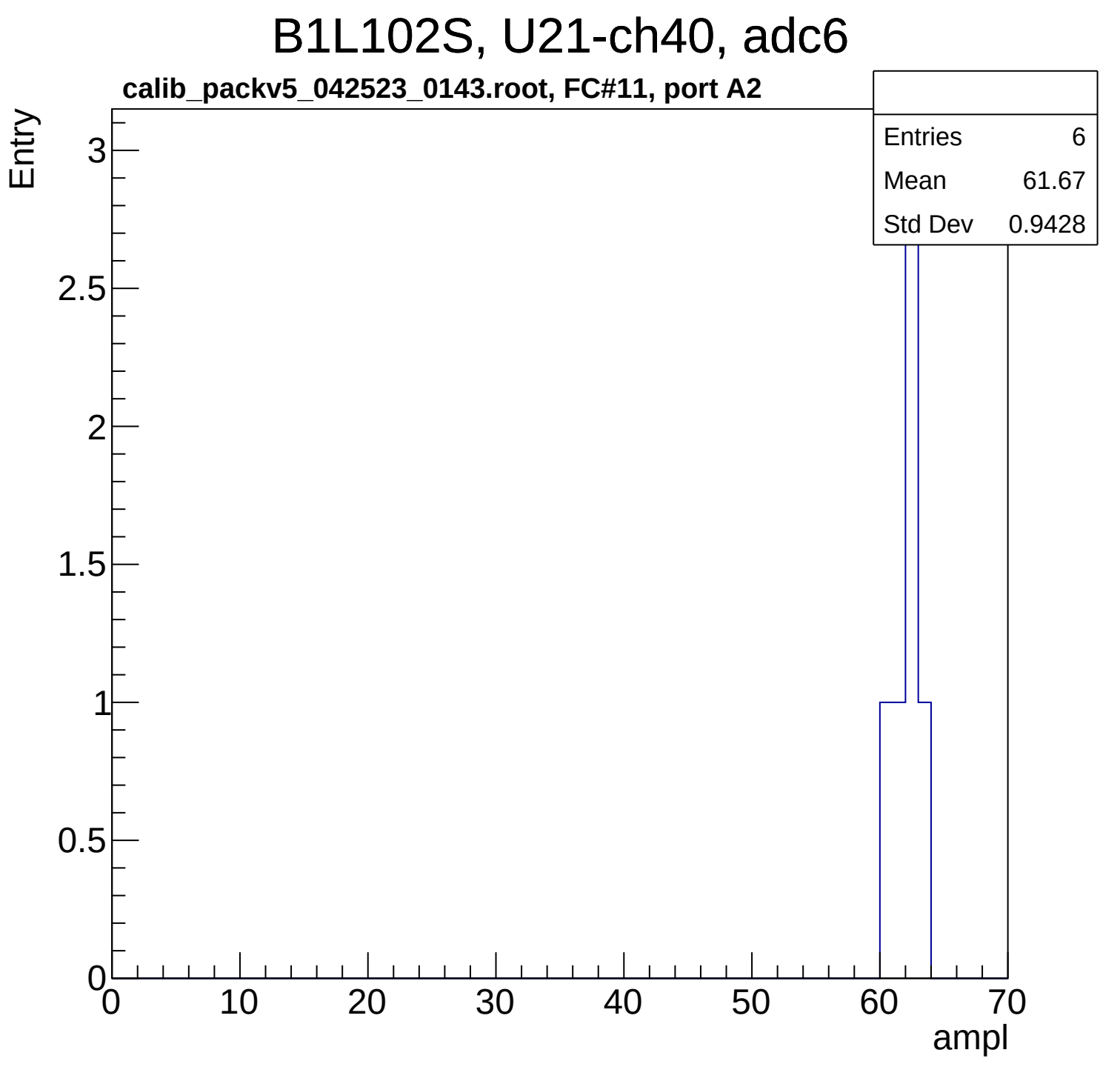
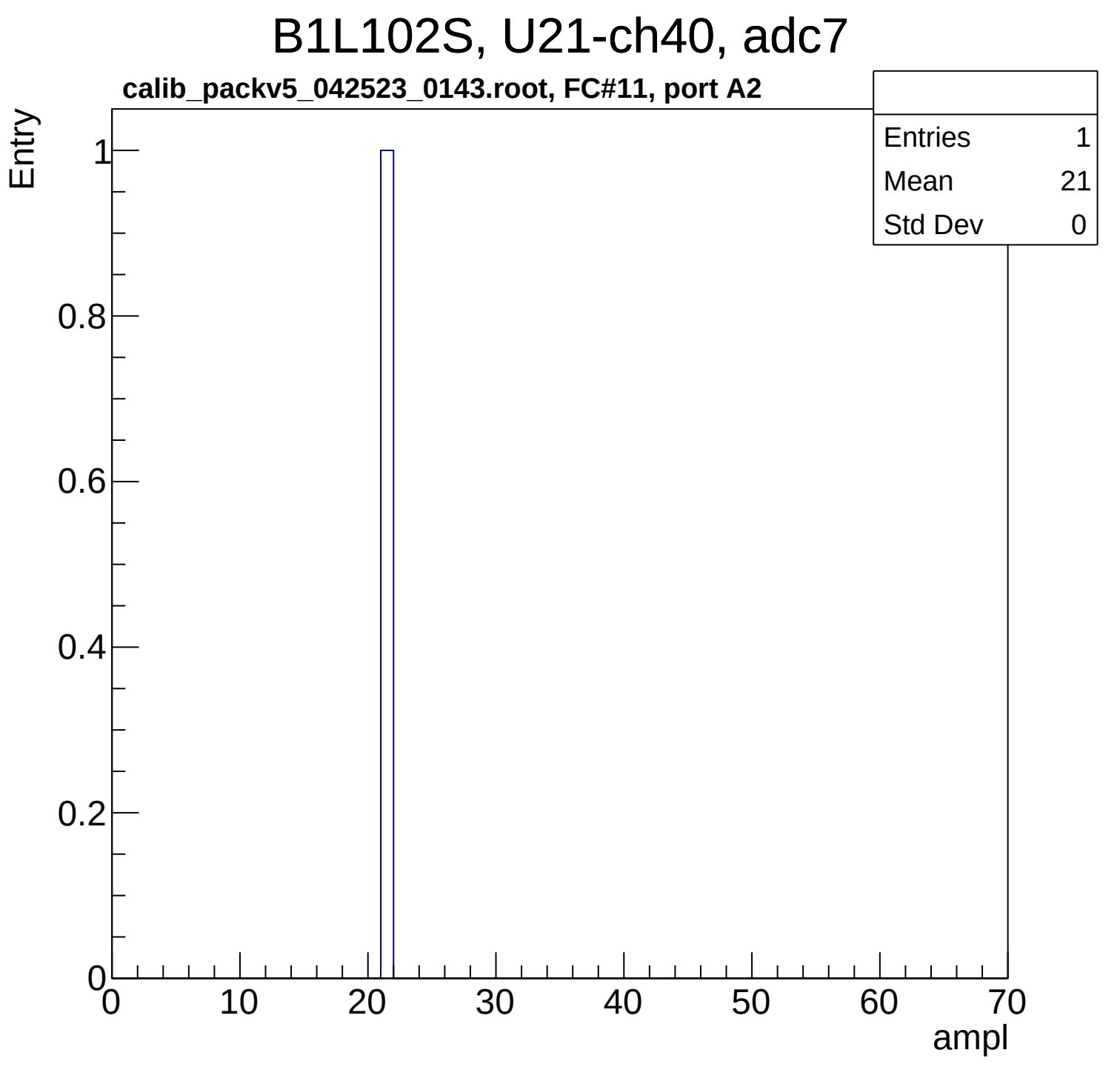
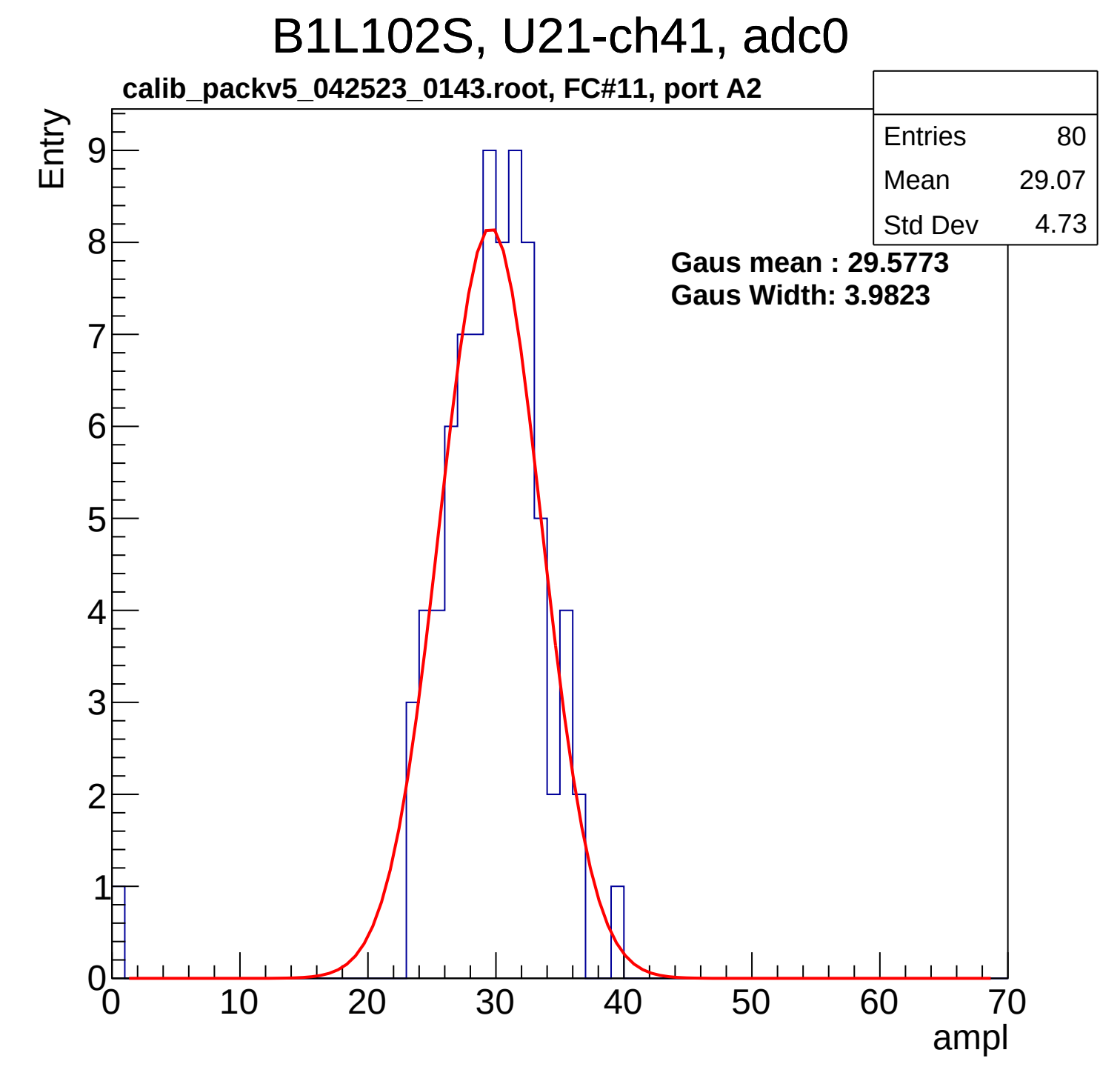

B1L102S, U21-ch40, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 6
Mean 61.67
Std Dev 0.9428
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U21-ch40, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 21
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L102S, U21-ch41, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 80
Mean 29.07
Std Dev 4.73
Gaus mean : 29.5773
Gaus Width: 3.9823
Entry
ampl
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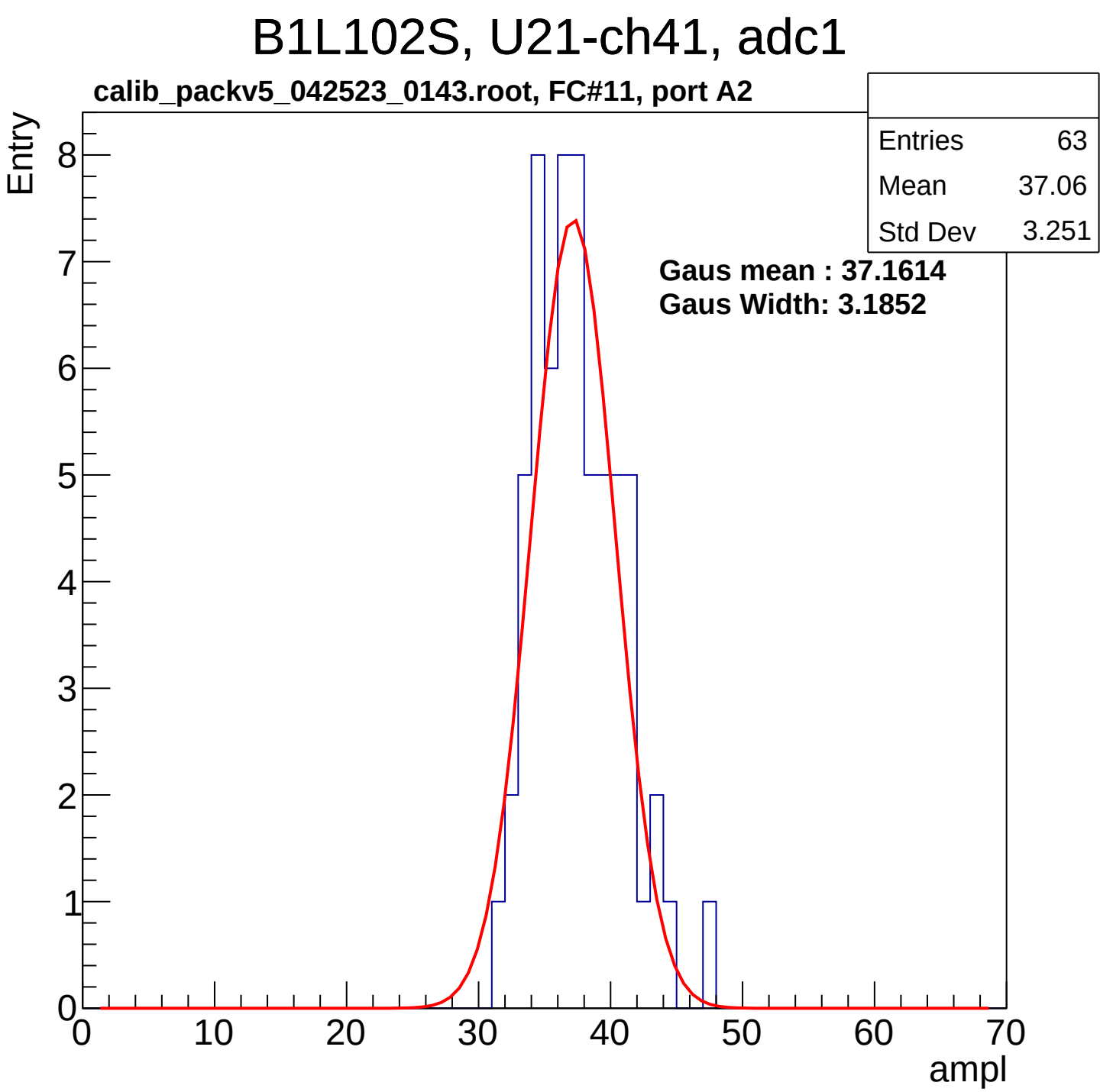
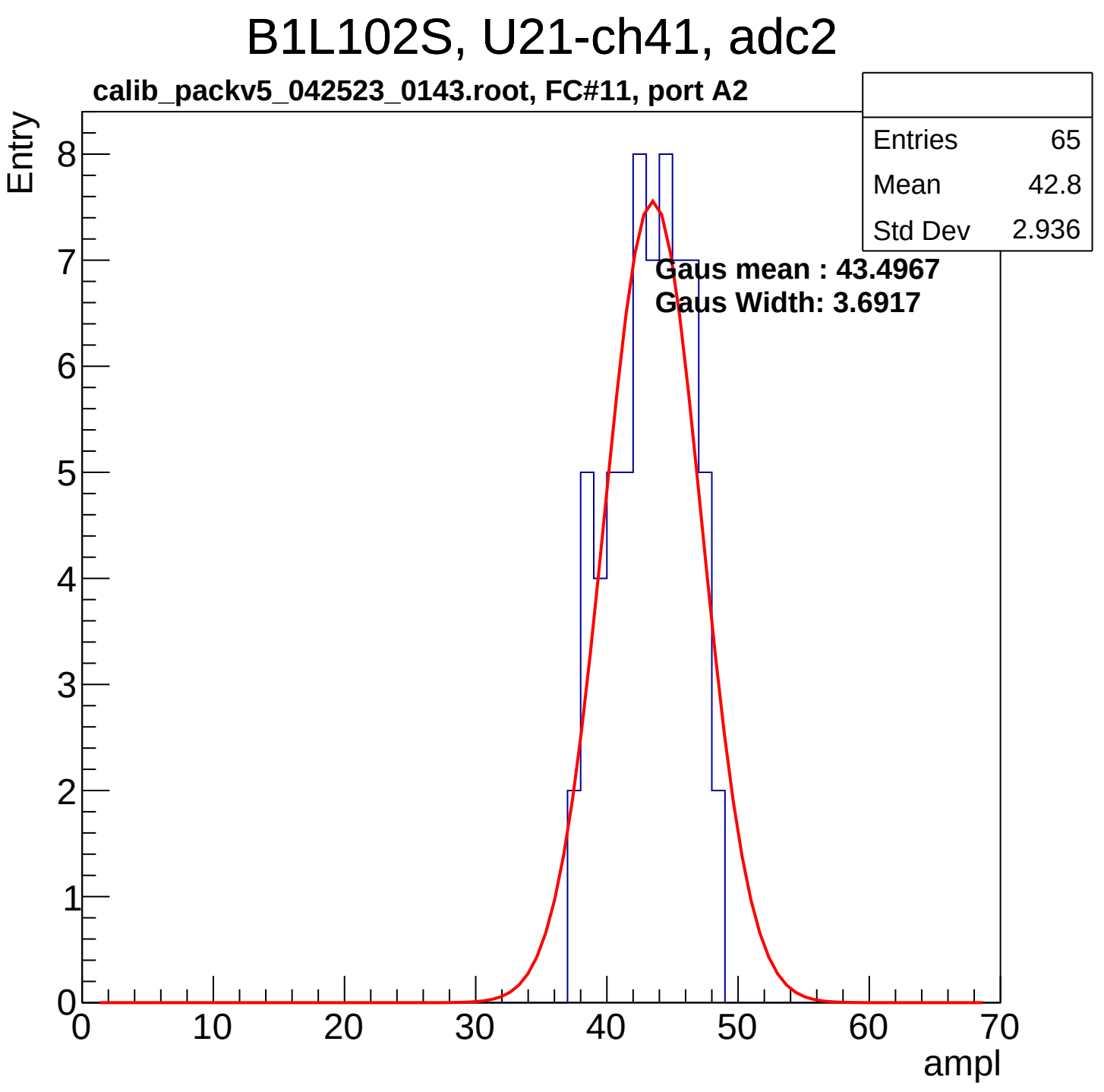
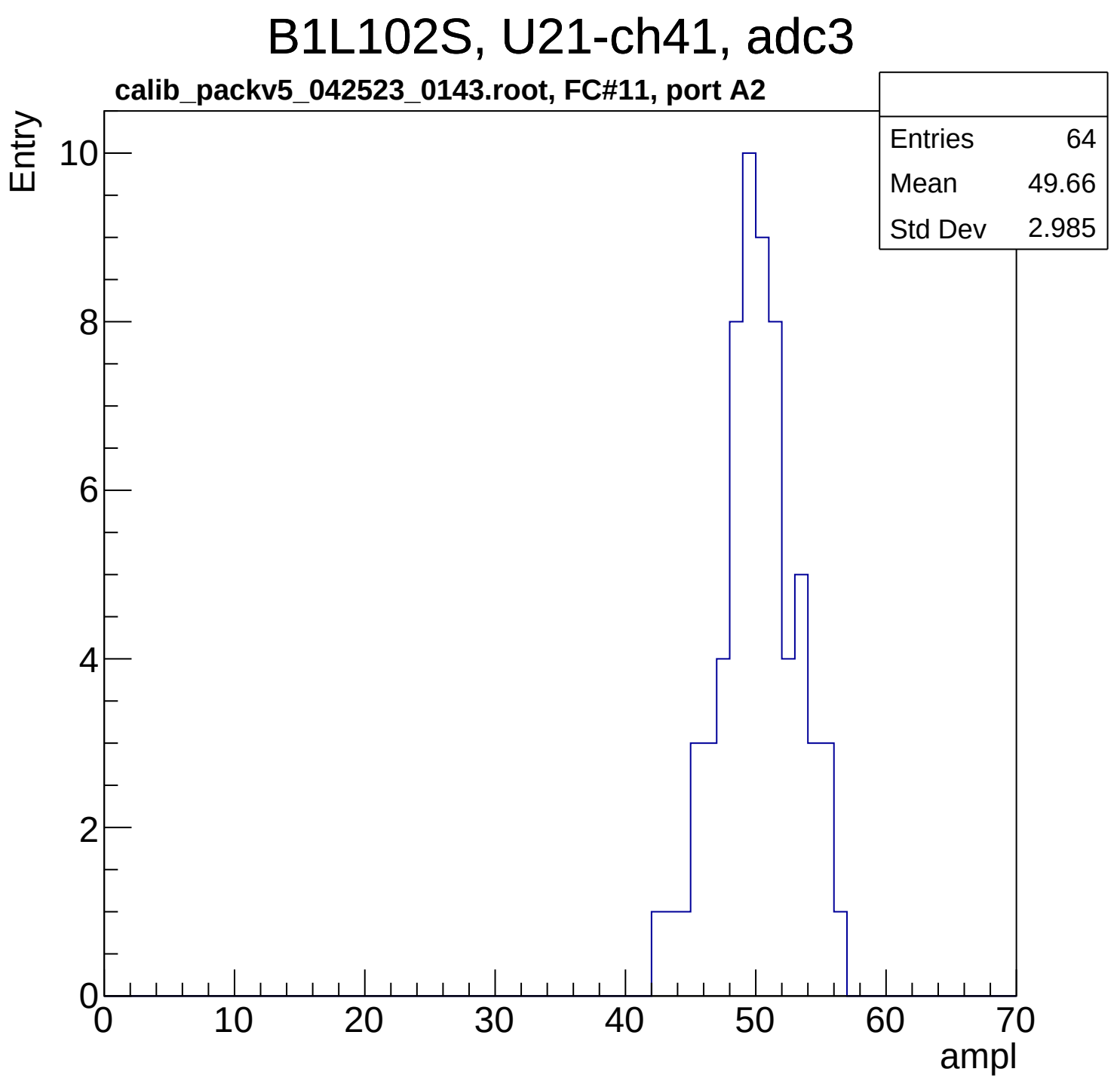
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L102S, U21-ch41, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 37.06
Std Dev 3.251
Gaus mean : 37.1614
Gaus Width: 3.1852
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch41, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 42.8
Std Dev 2.936
Gaus mean : 43.4967
Gaus Width: 3.6917
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch41, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 49.66
Std Dev 2.985
Entry
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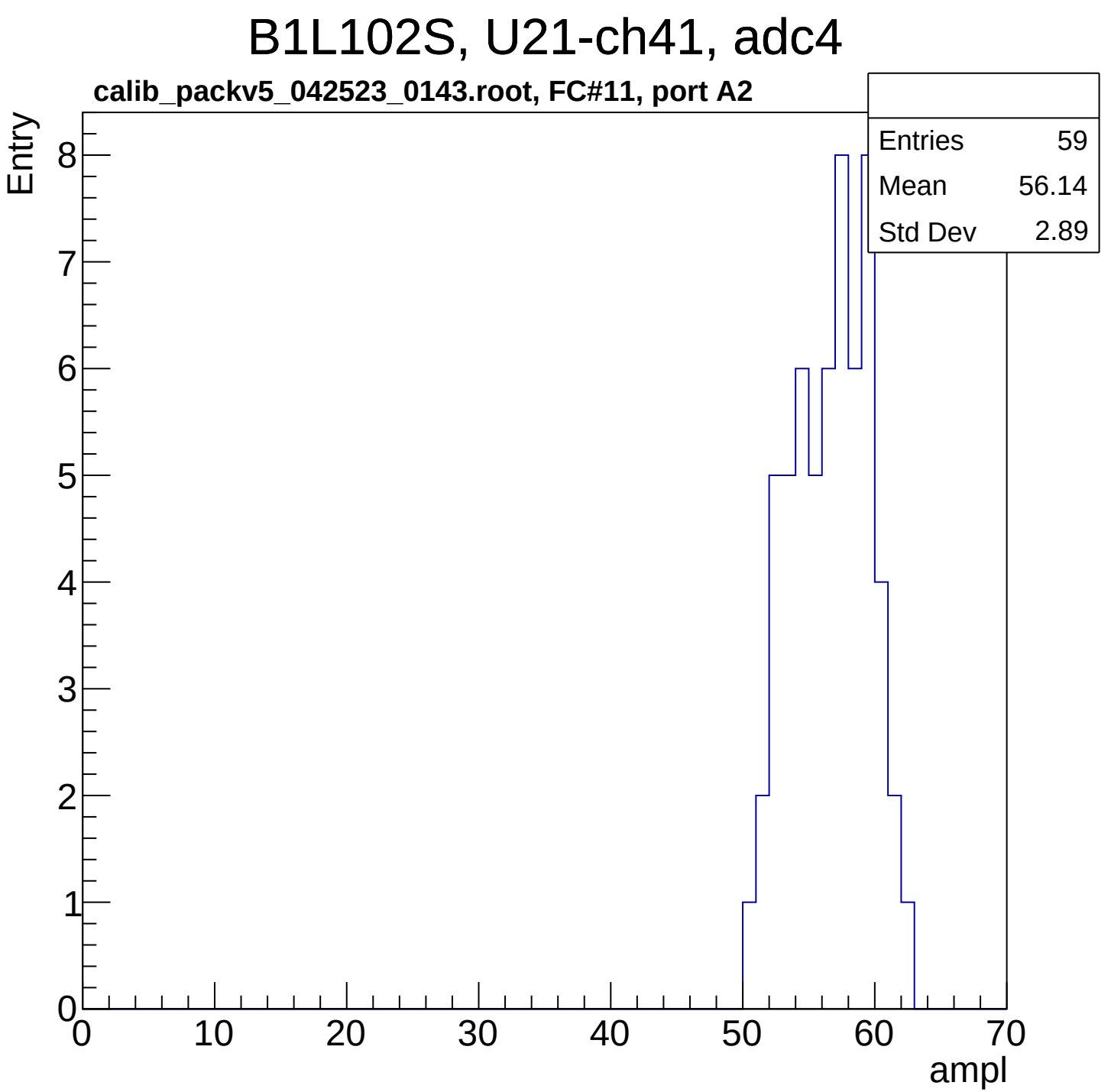
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch41, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 56.14
Std Dev 2.89
Entry
ampl
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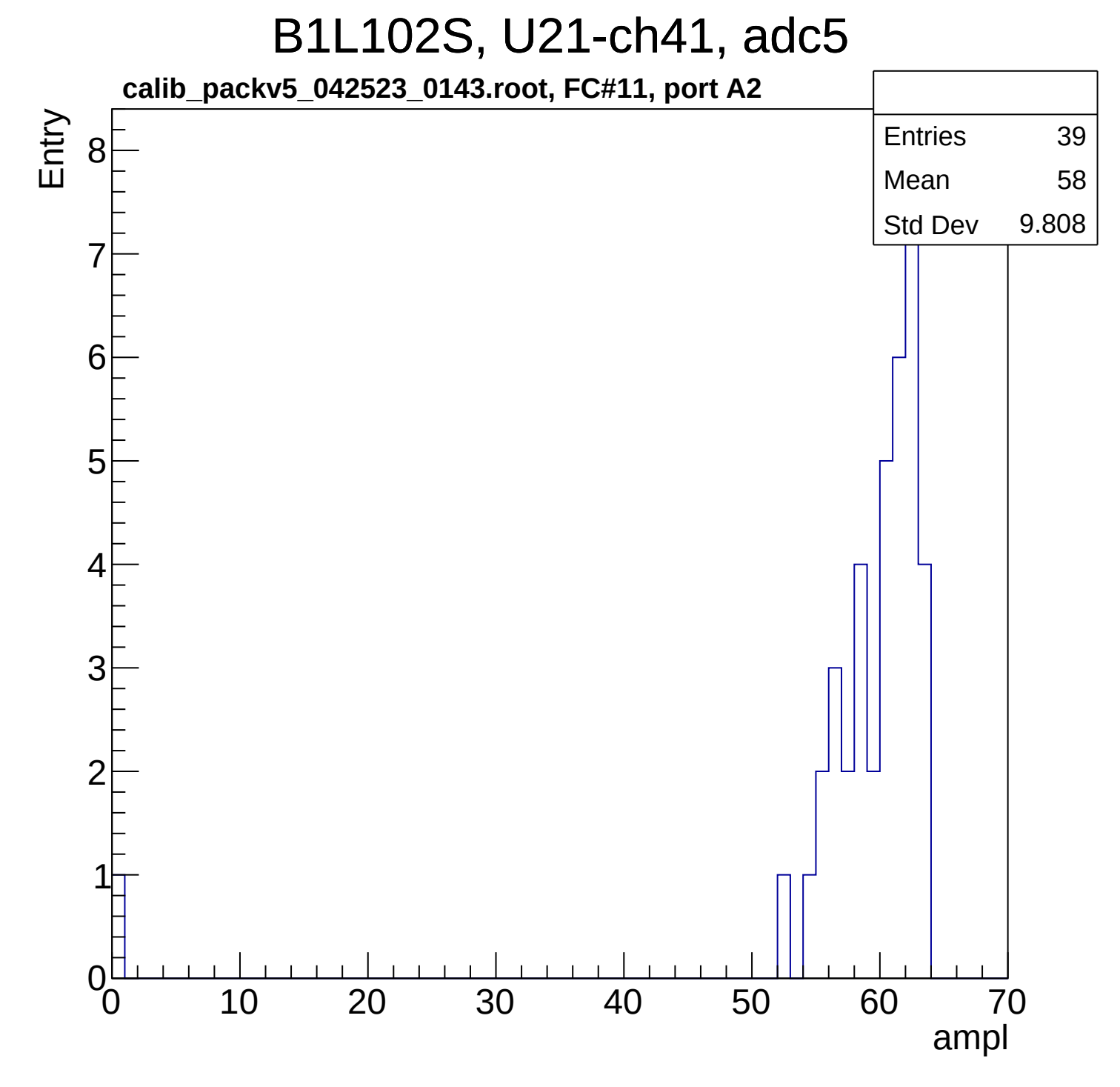
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch41, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 39
Mean 58
Std Dev 9.808
Entry
ampl
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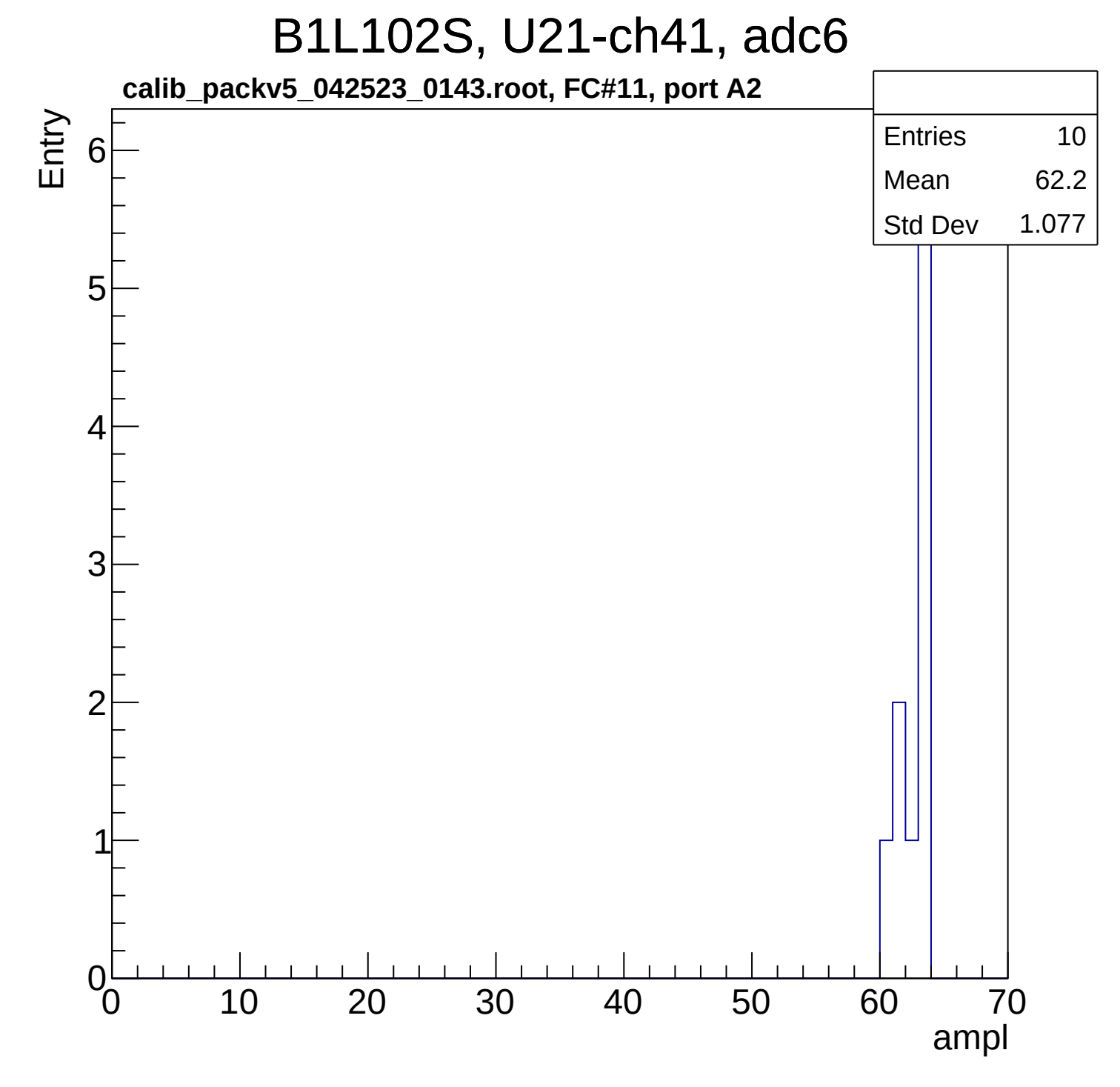
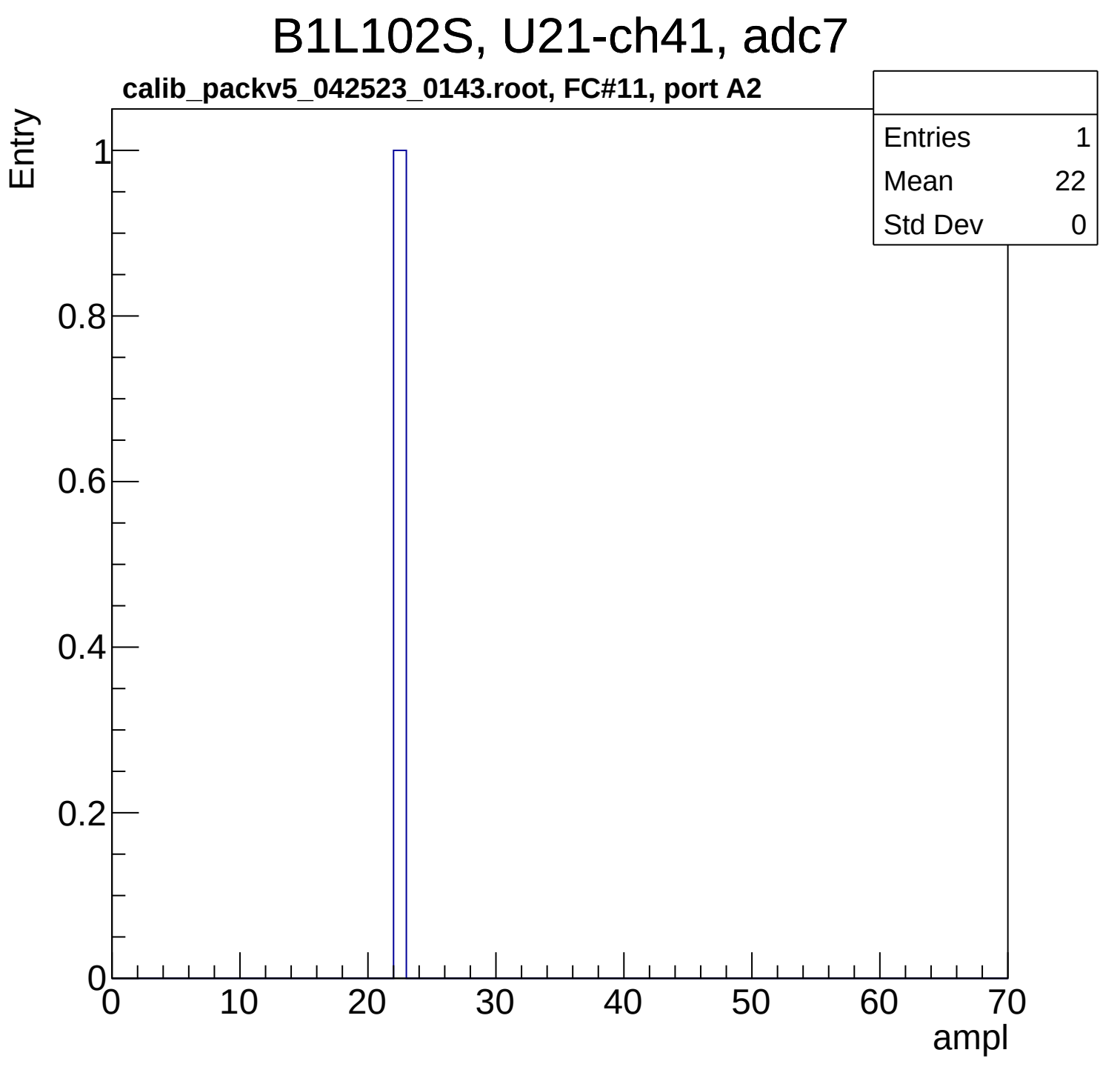
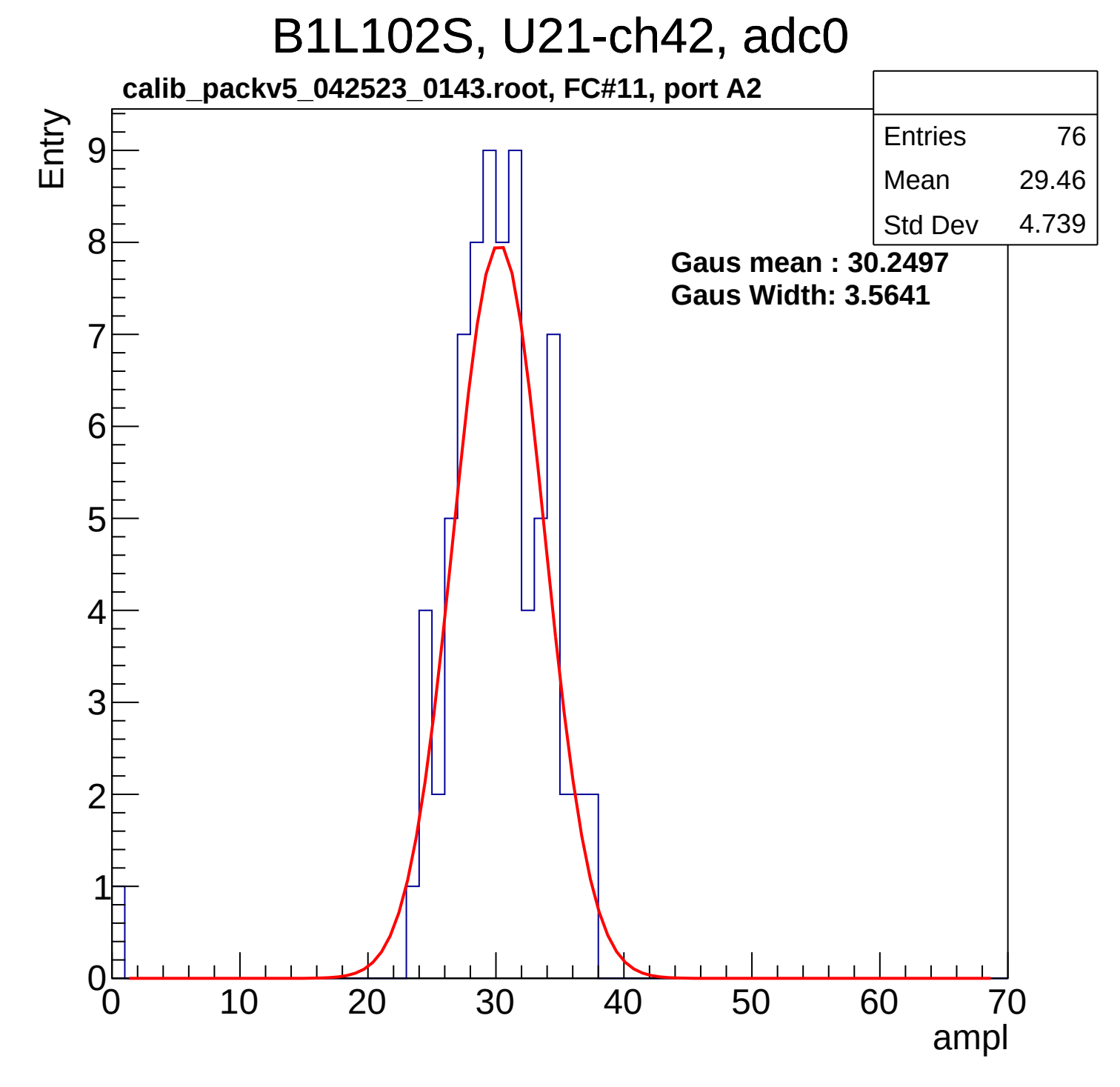
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch41, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 10
Mean 62.2
Std Dev 1.077
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch41, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 22
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch42, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 76
Mean 29.46
Std Dev 4.739
Gaus mean : 30.2497
Gaus Width: 3.5641
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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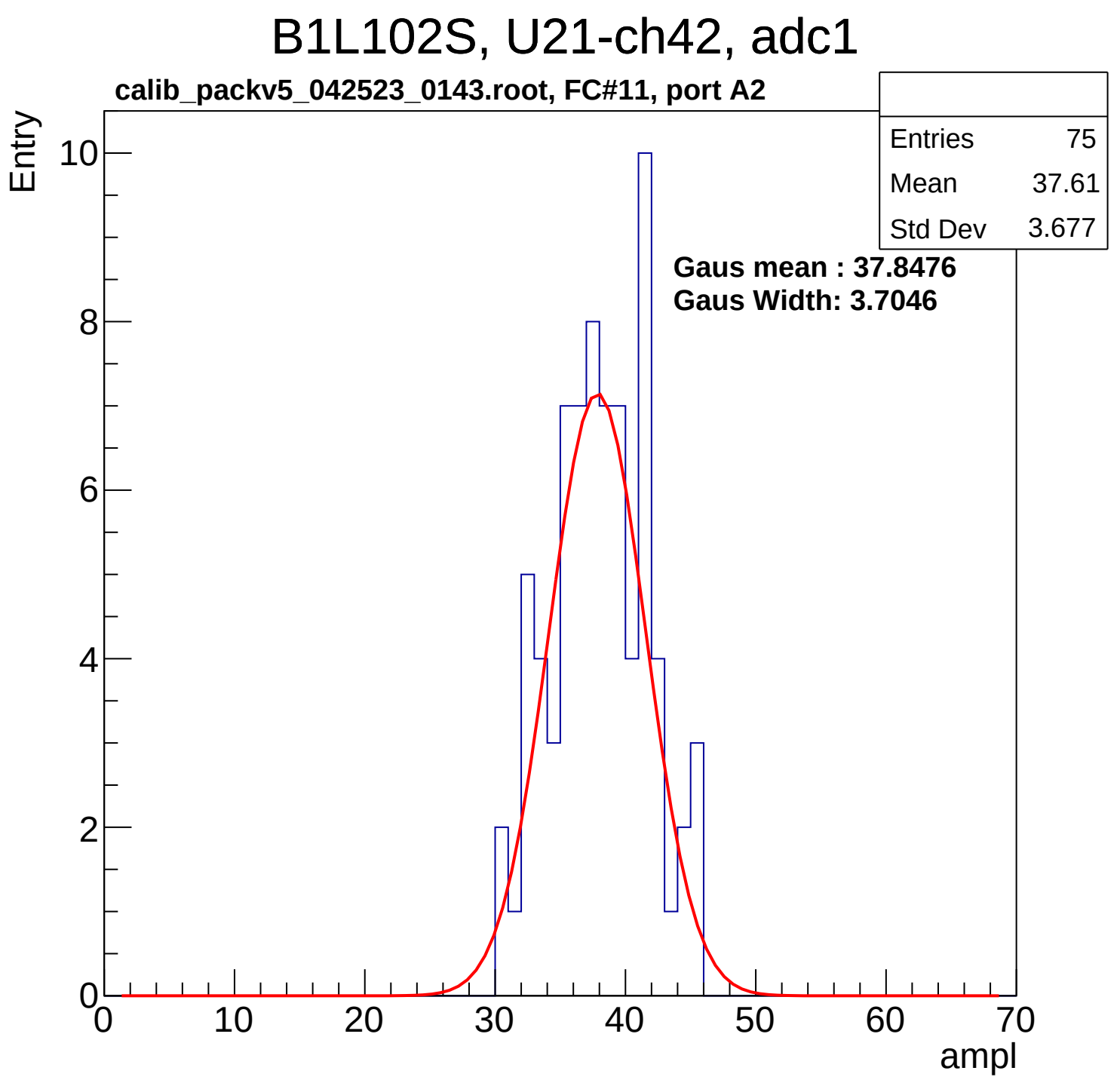
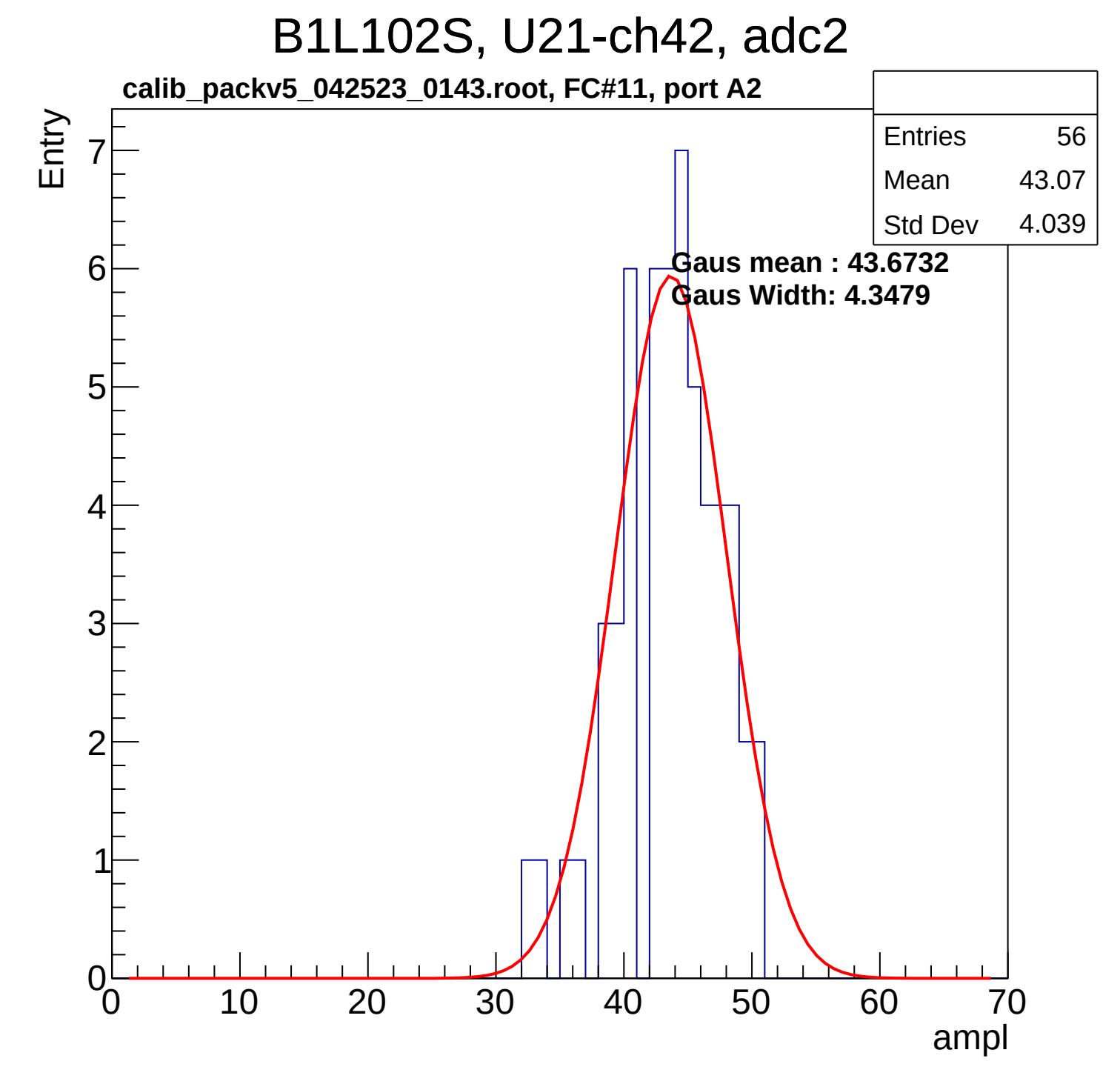

B1L102S, U21-ch42, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 37.61
Std Dev 3.677
Gaus mean : 37.8476
Gaus Width: 3.7046
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch42, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 43.07
Std Dev 4.039
Gaus mean : 43.6732
Gaus Width: 4.3479
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
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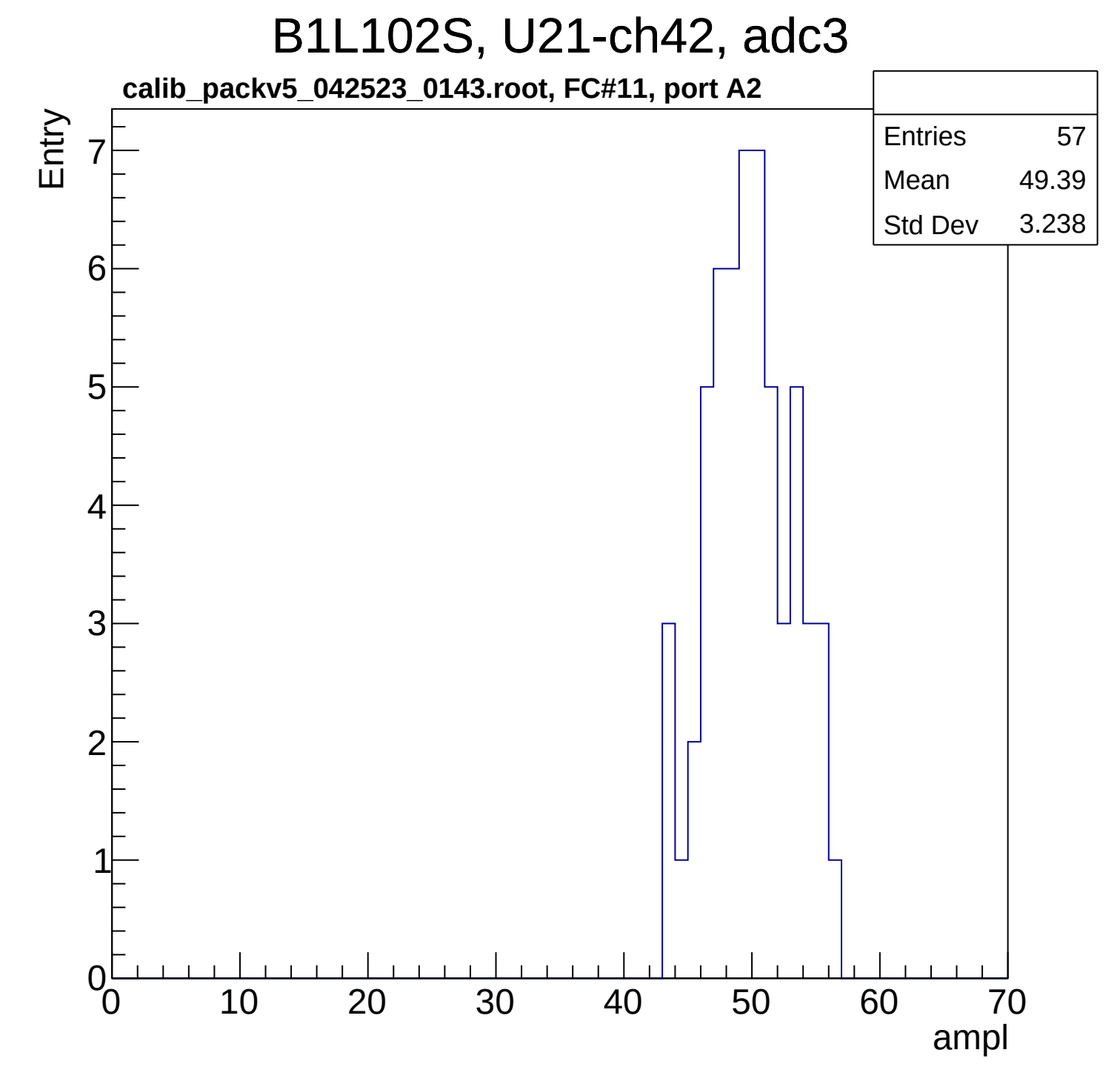
B1L102S, U21-ch42, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 49.39
Std Dev 3.238
Entry
ampl
0
1
2
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4
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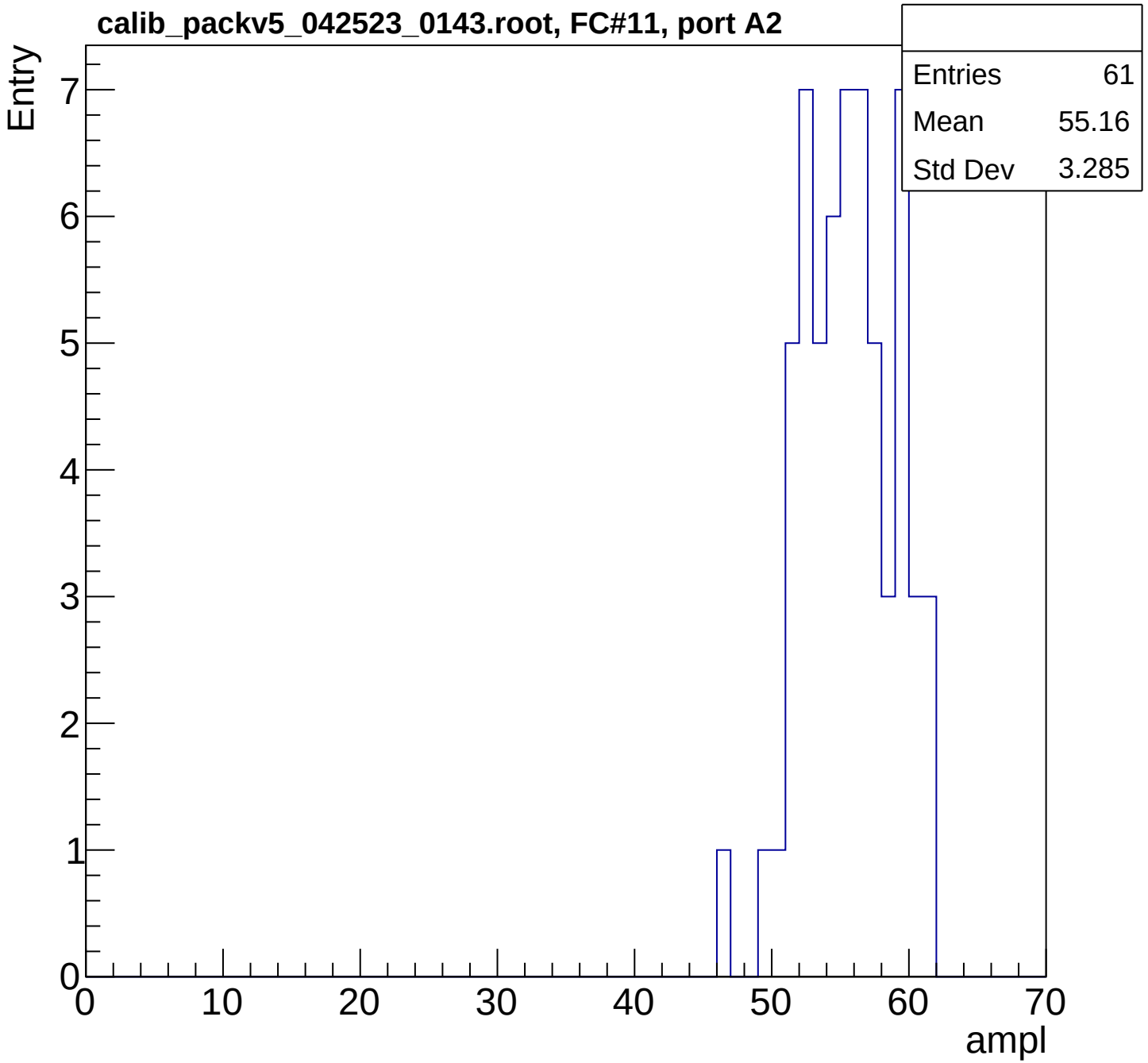
B1L102S, U21-ch42, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 55.16
Std Dev 3.285
Entry
ampl
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1
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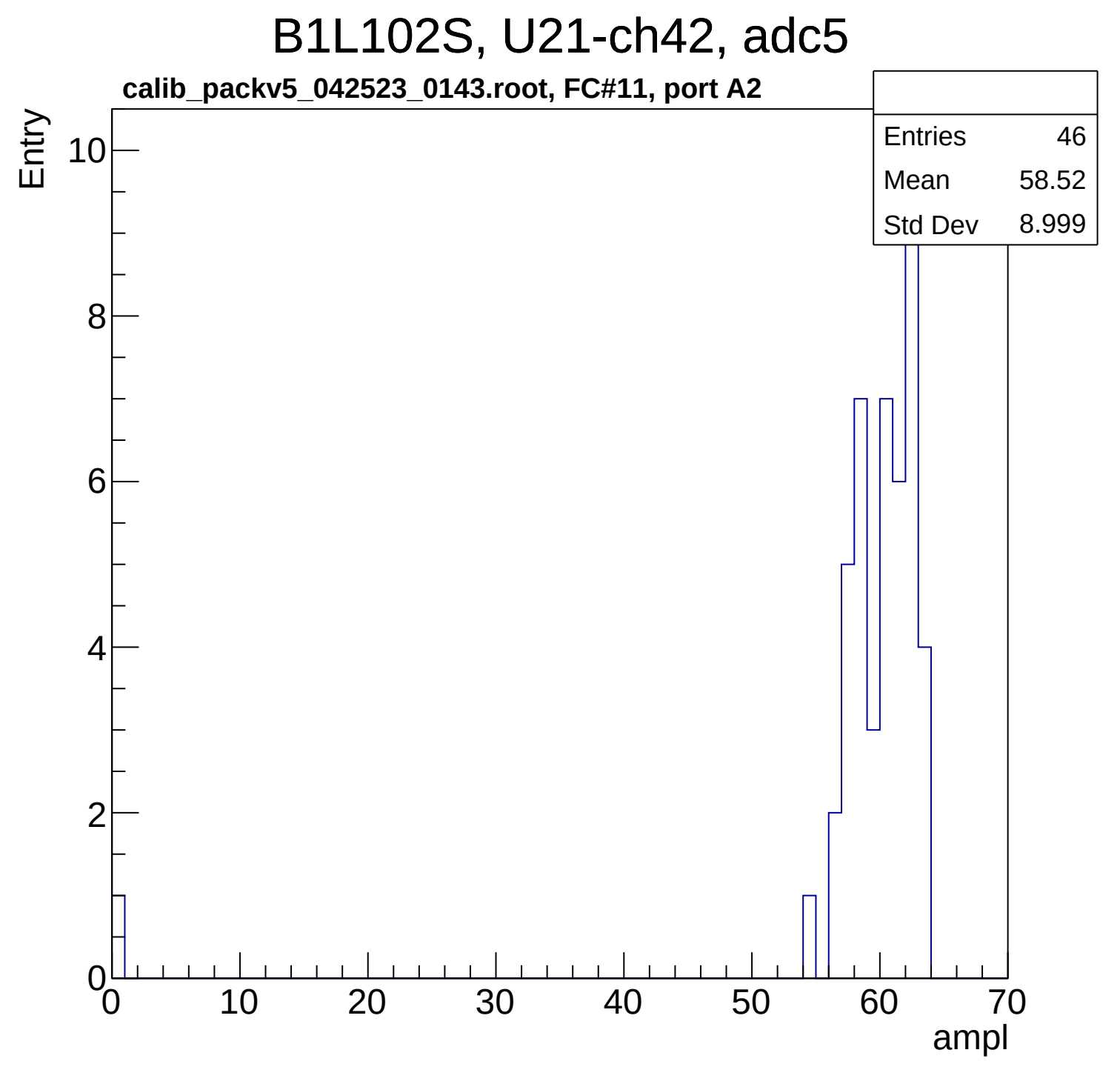
B1L102S, U21-ch42, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 46
Mean 58.52
Std Dev 8.999
Entry
ampl
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2
4
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0
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40
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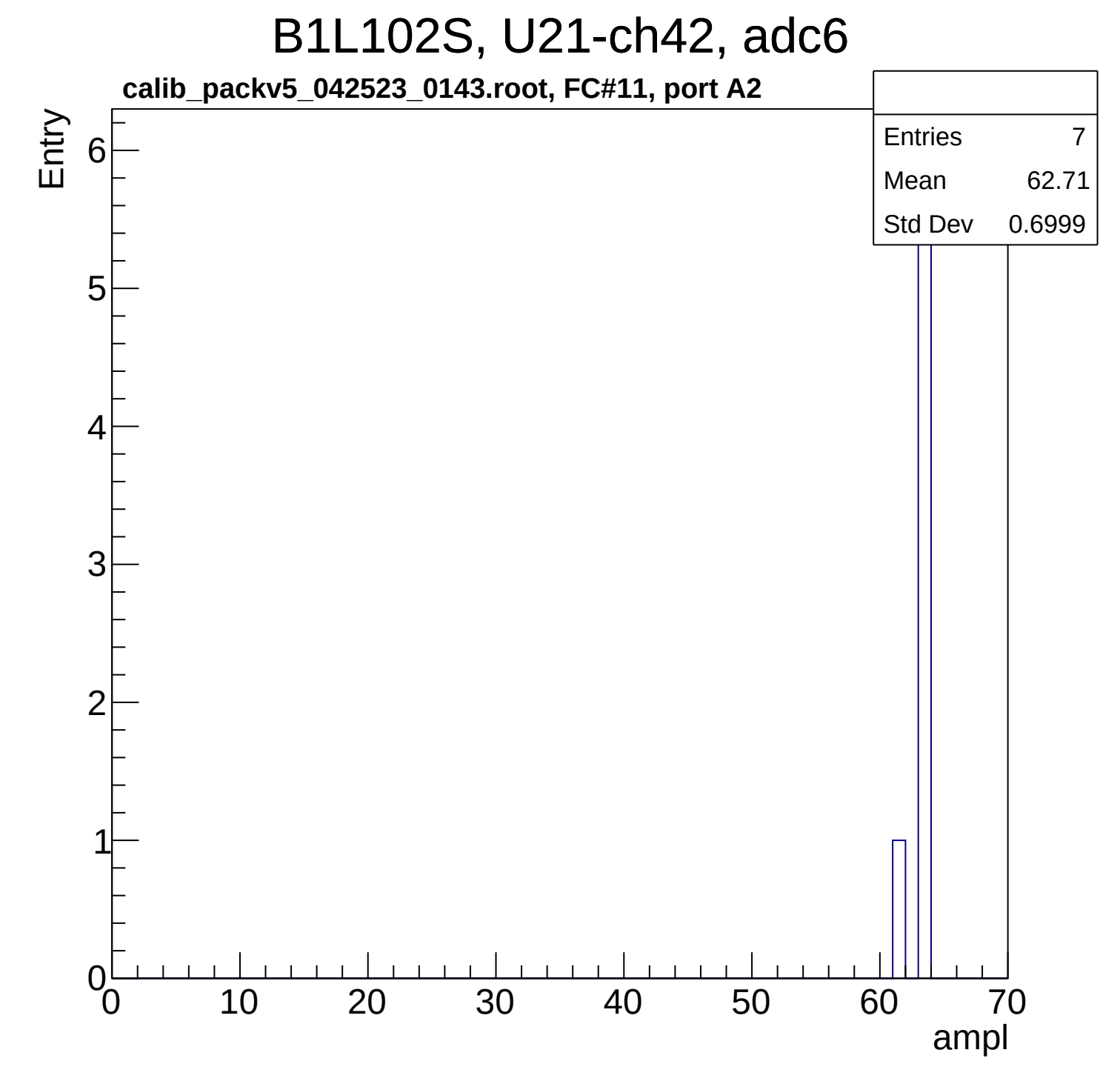
B1L102S, U21-ch42, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 7
Mean 62.71
Std Dev 0.6999
Entry
ampl
0
1
2
3
4
5
6
0
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20
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40
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60
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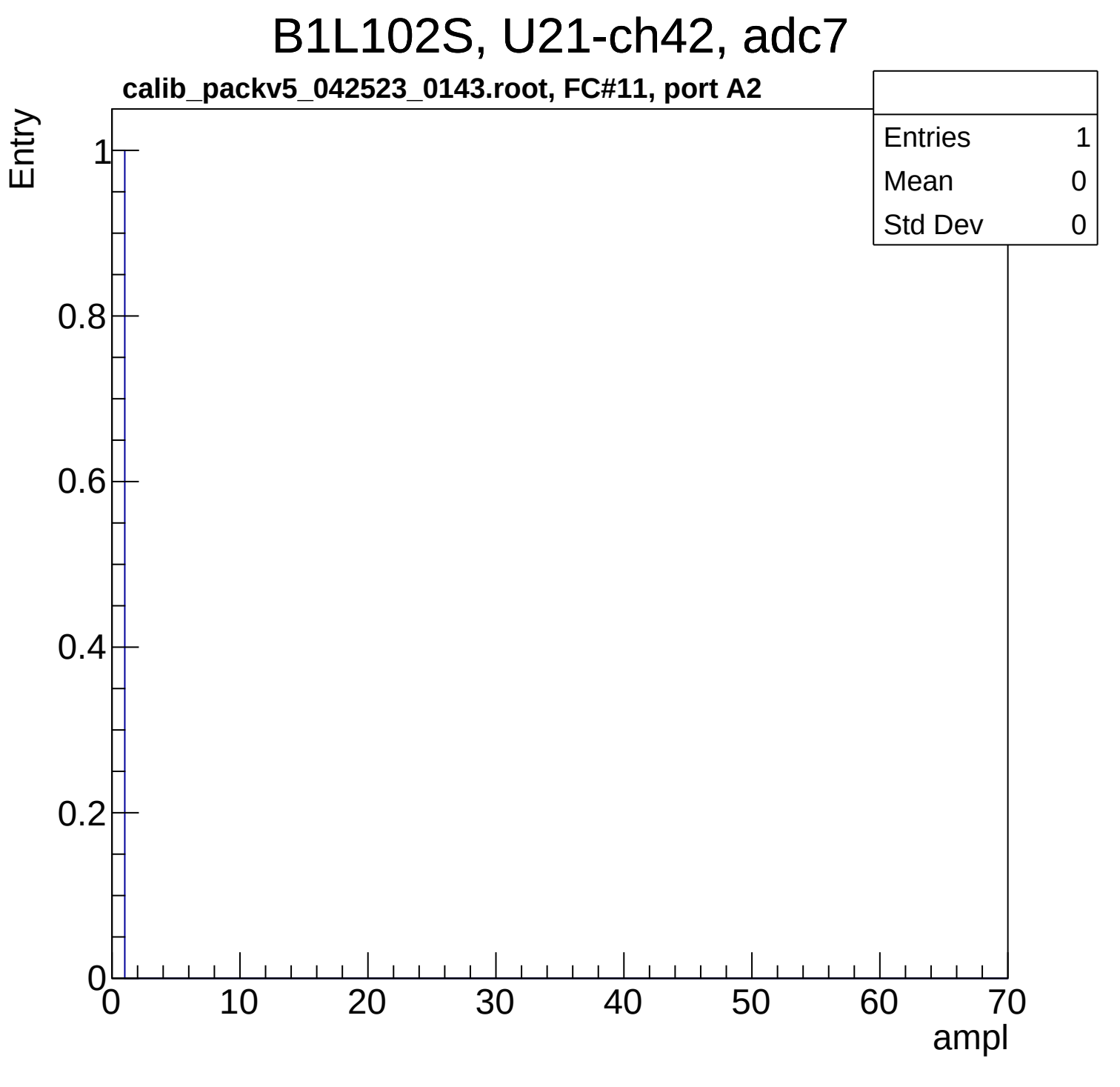
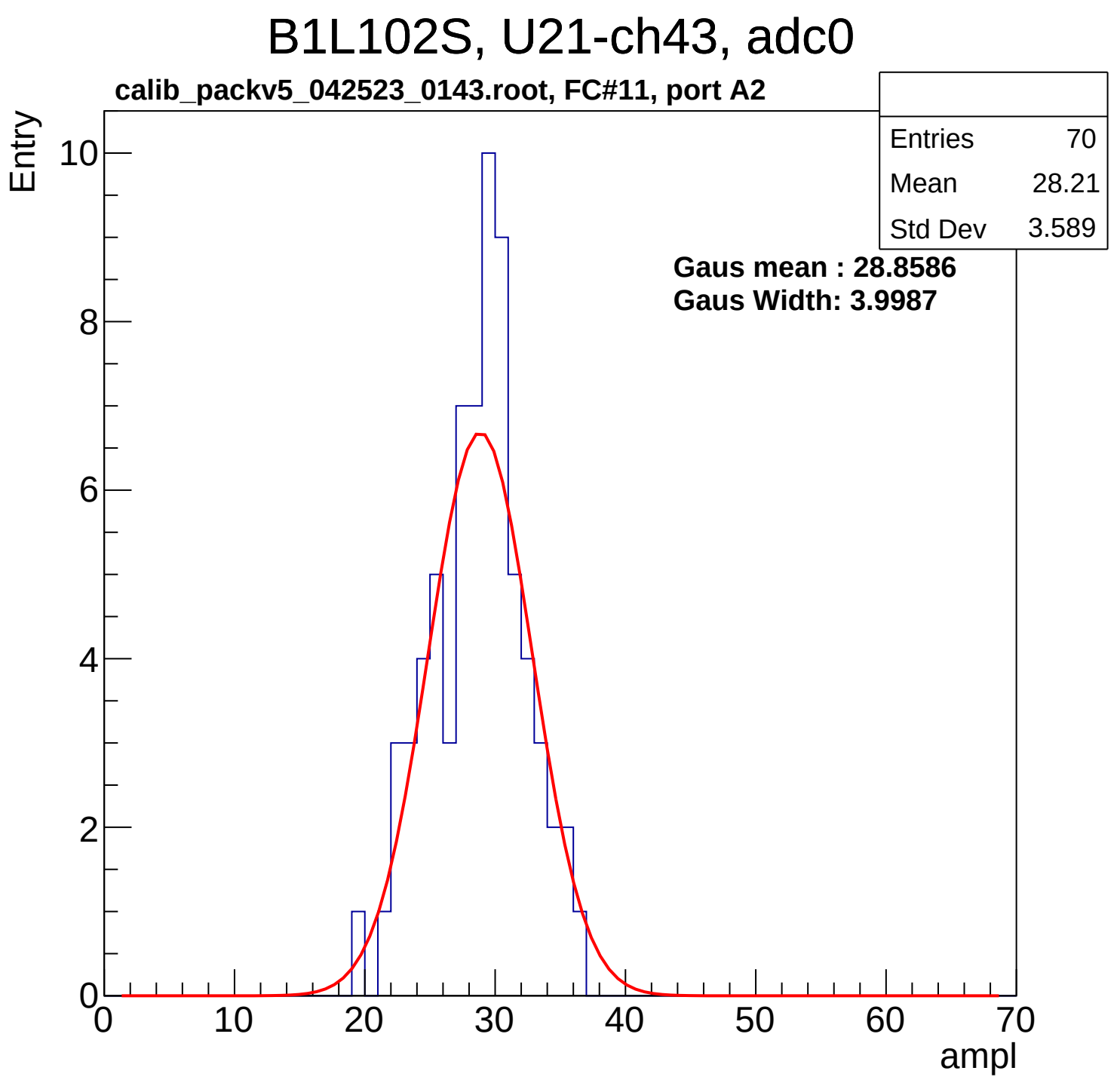

B1L102S, U21-ch42, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch43, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 28.21
Std Dev 3.589
Gaus mean : 28.8586
Gaus Width: 3.9987
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
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60
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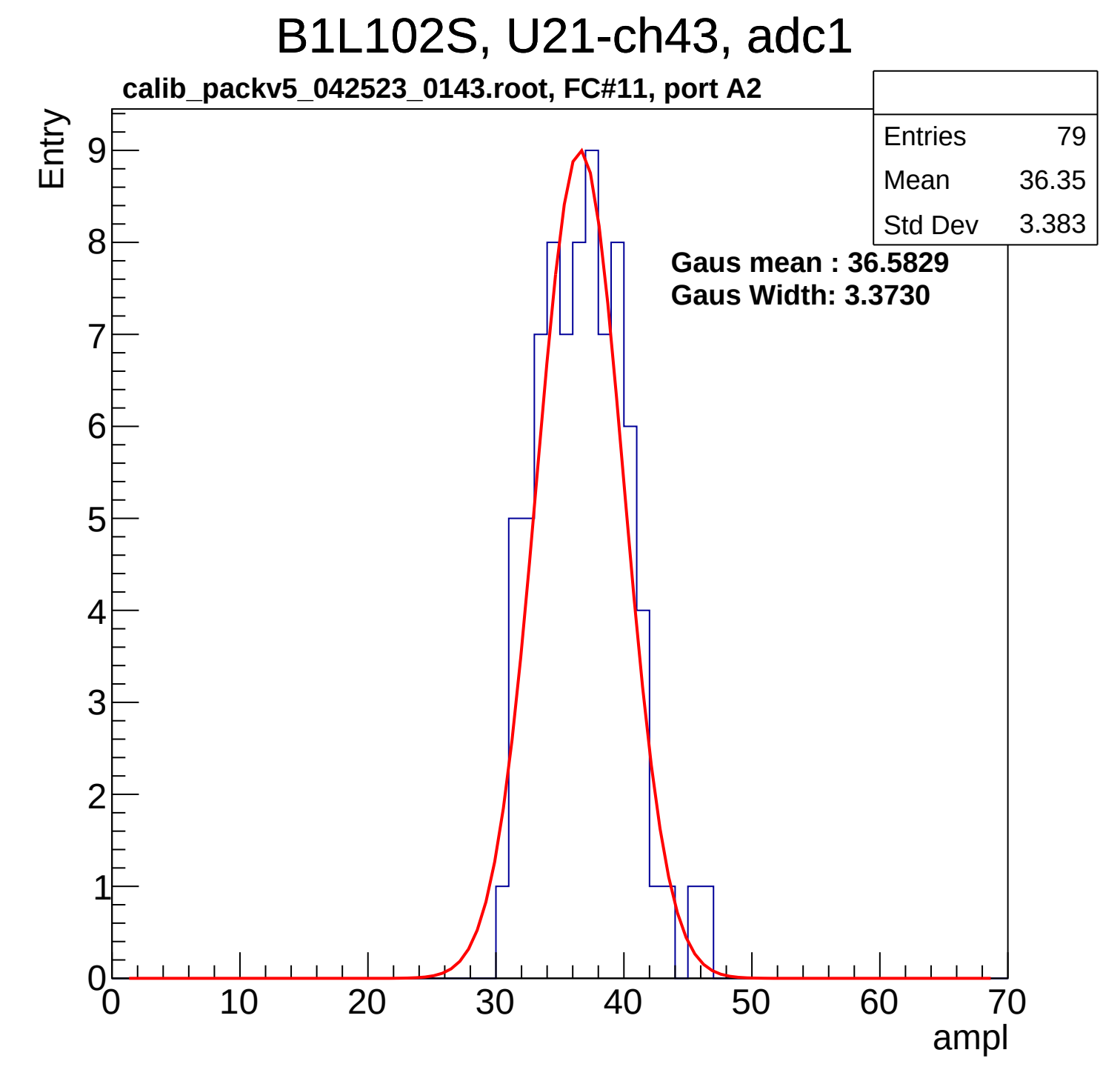
B1L102S, U21-ch43, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 36.35
Std Dev 3.383
Gaus mean : 36.5829
Gaus Width: 3.3730
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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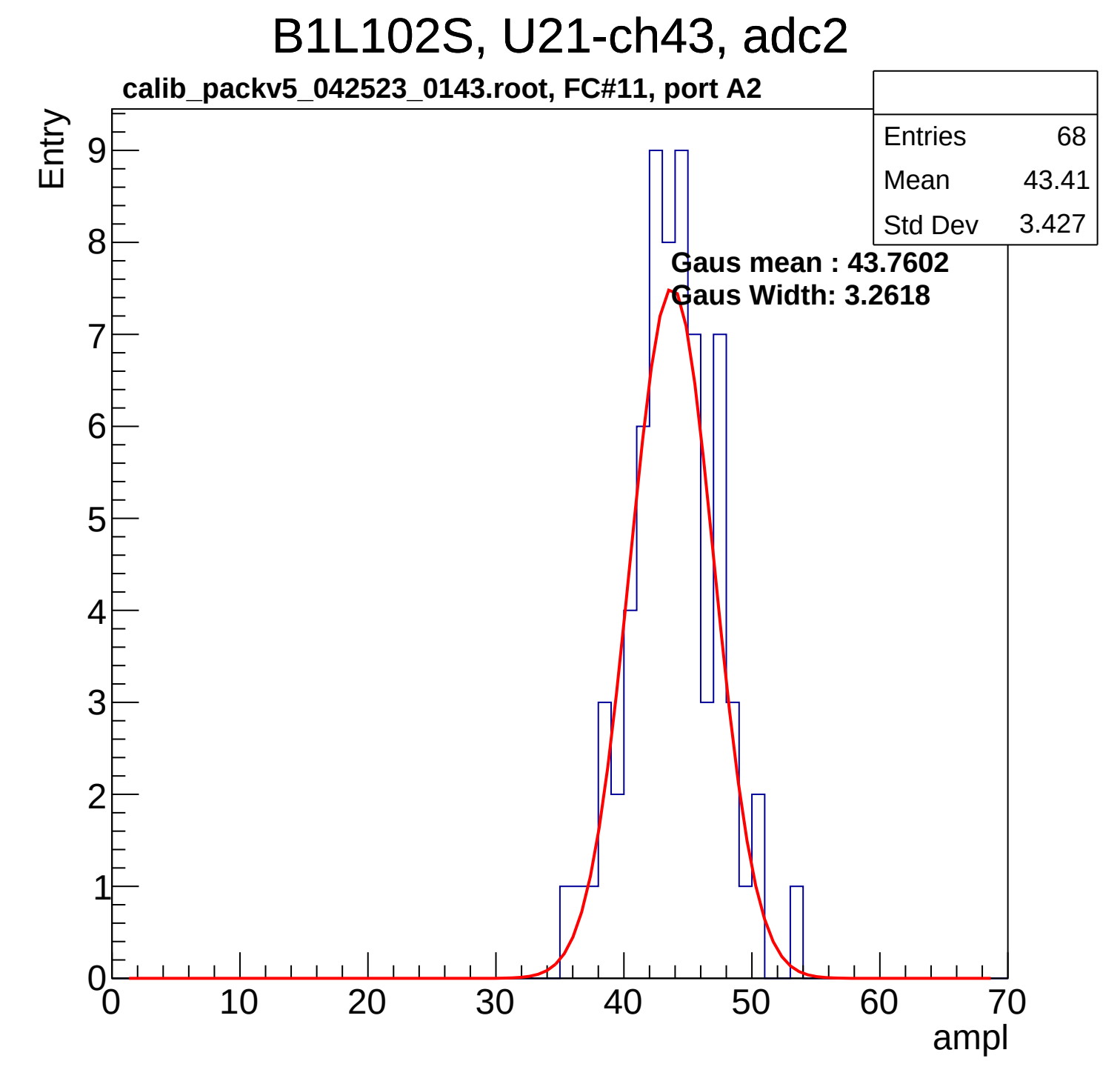
B1L102S, U21-ch43, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 43.41
Std Dev 3.427
Gaus mean : 43.7602
Gaus Width: 3.2618
Entry
ampl
0
1
2
3
4
5
6
7
8
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0
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60
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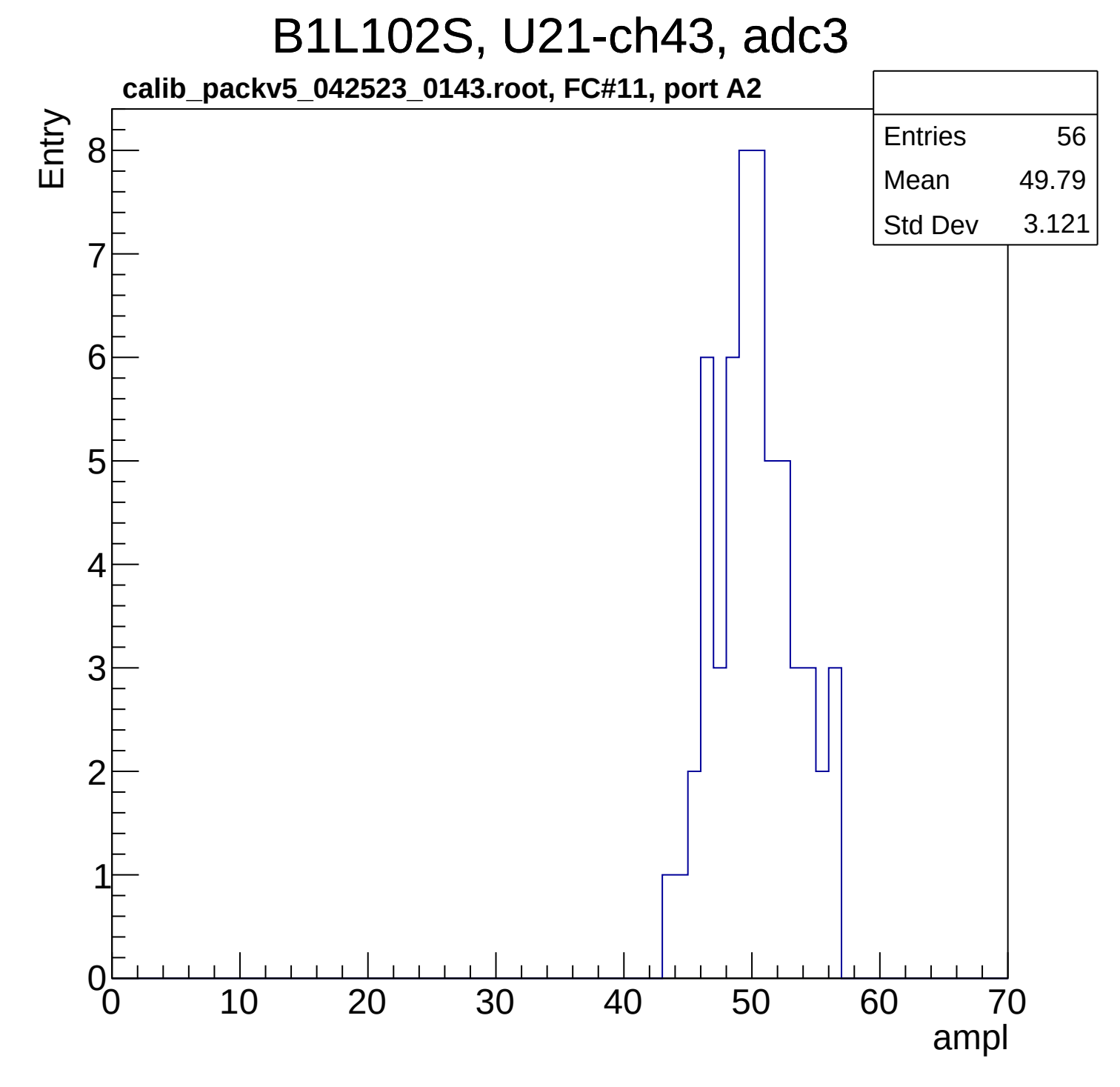
B1L102S, U21-ch43, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 49.79
Std Dev 3.121
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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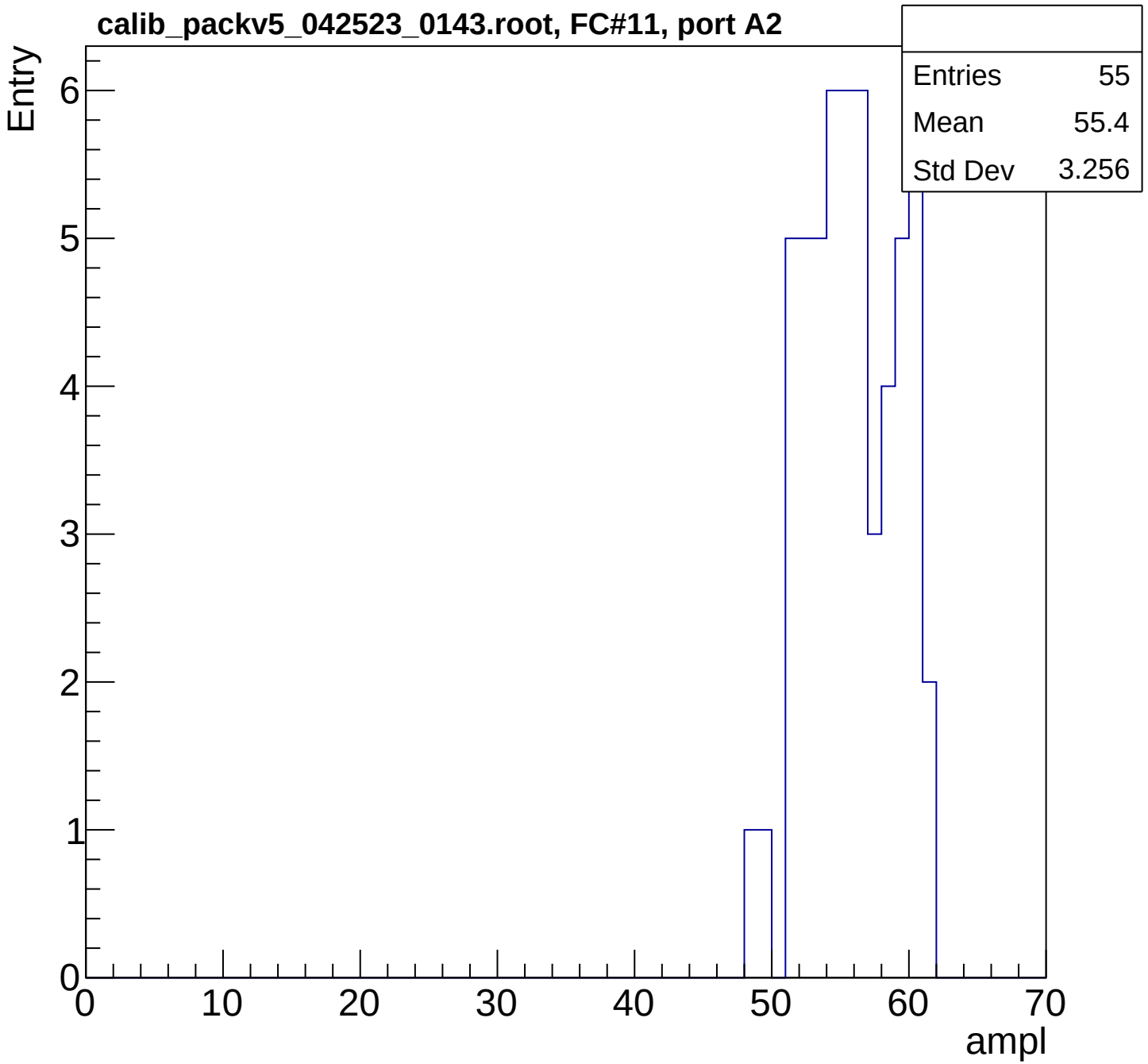
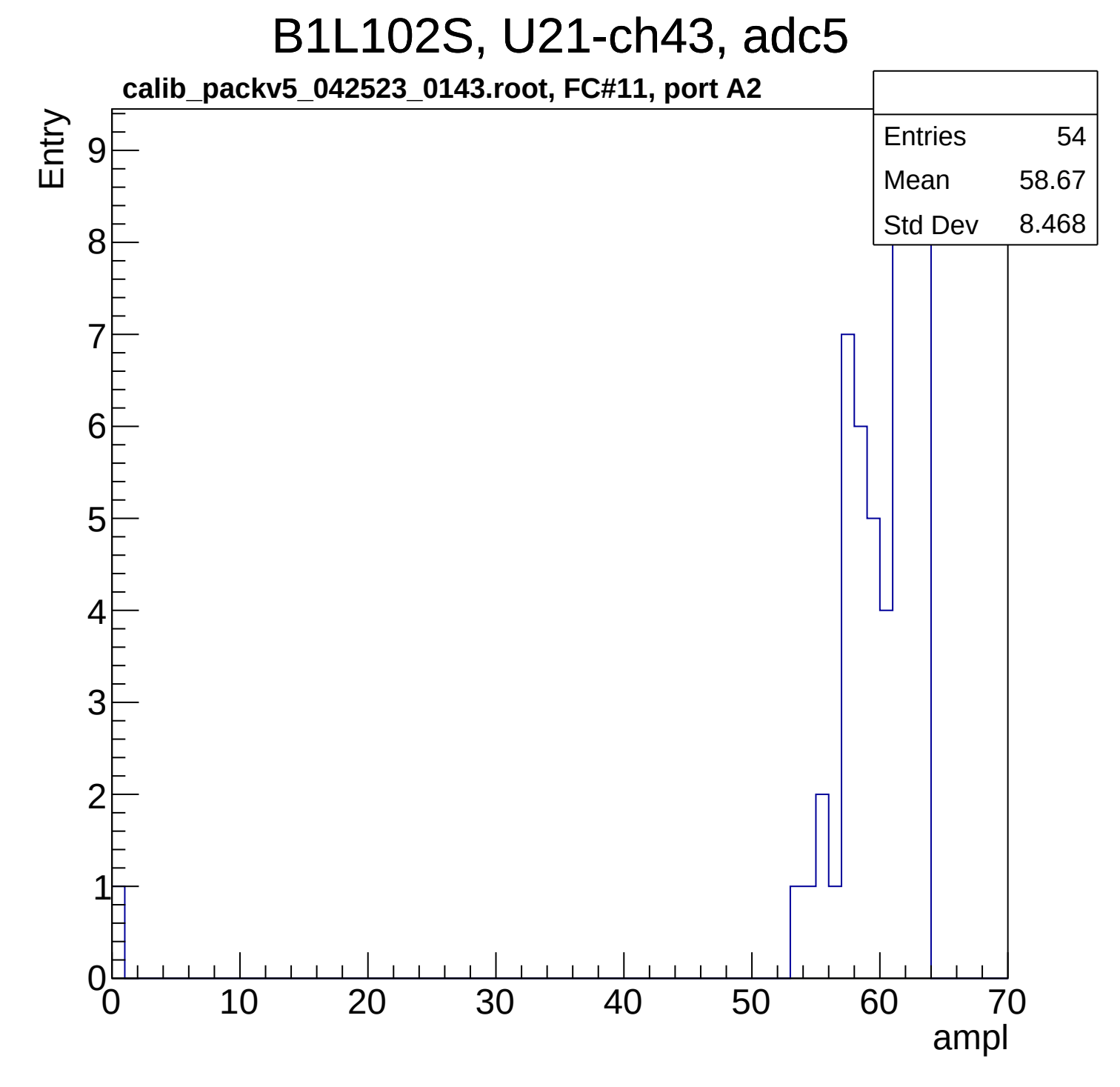

B1L102S, U21-ch43, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 55.4
Std Dev 3.256
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch43, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 58.67
Std Dev 8.468
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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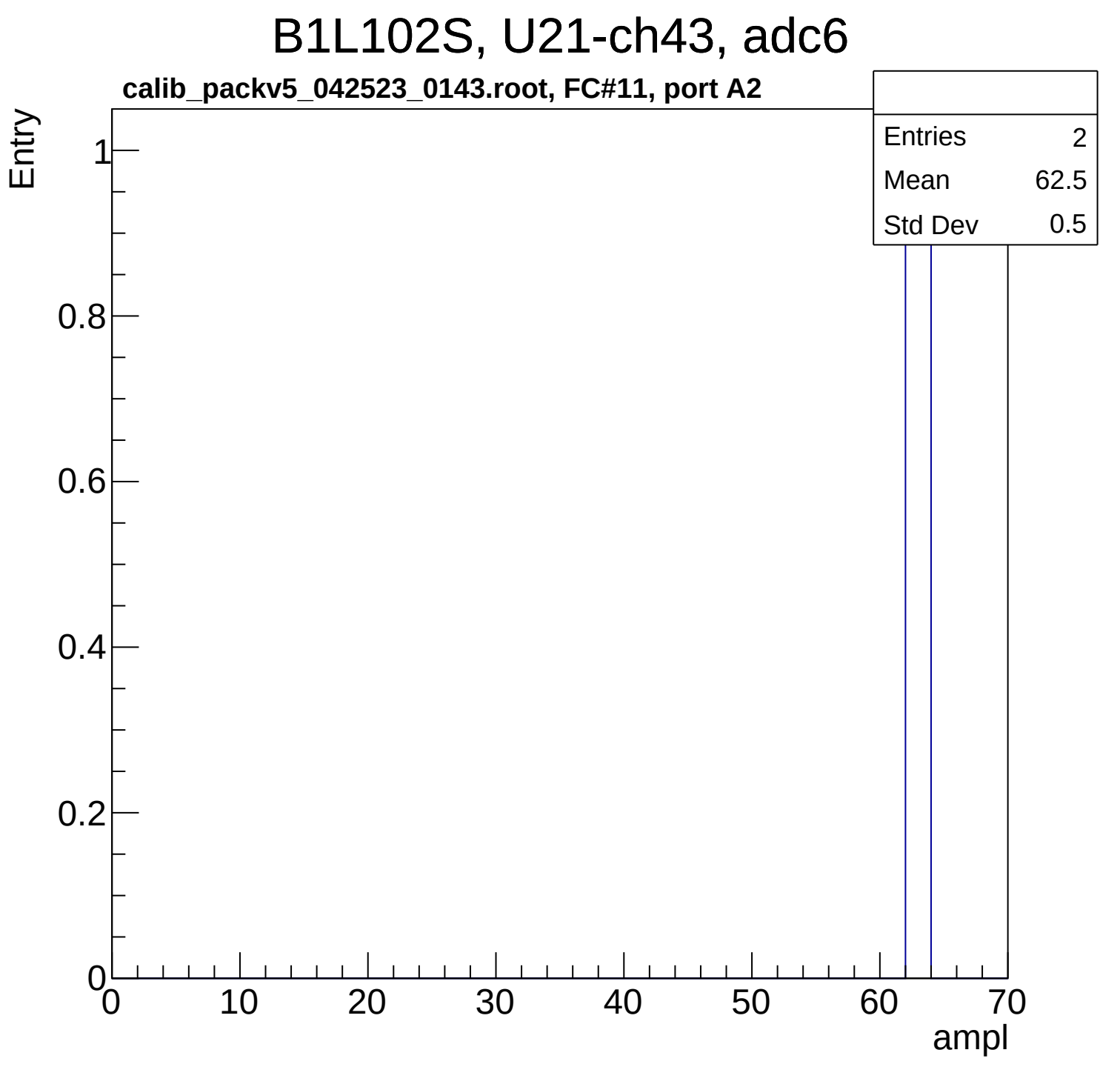
B1L102S, U21-ch43, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
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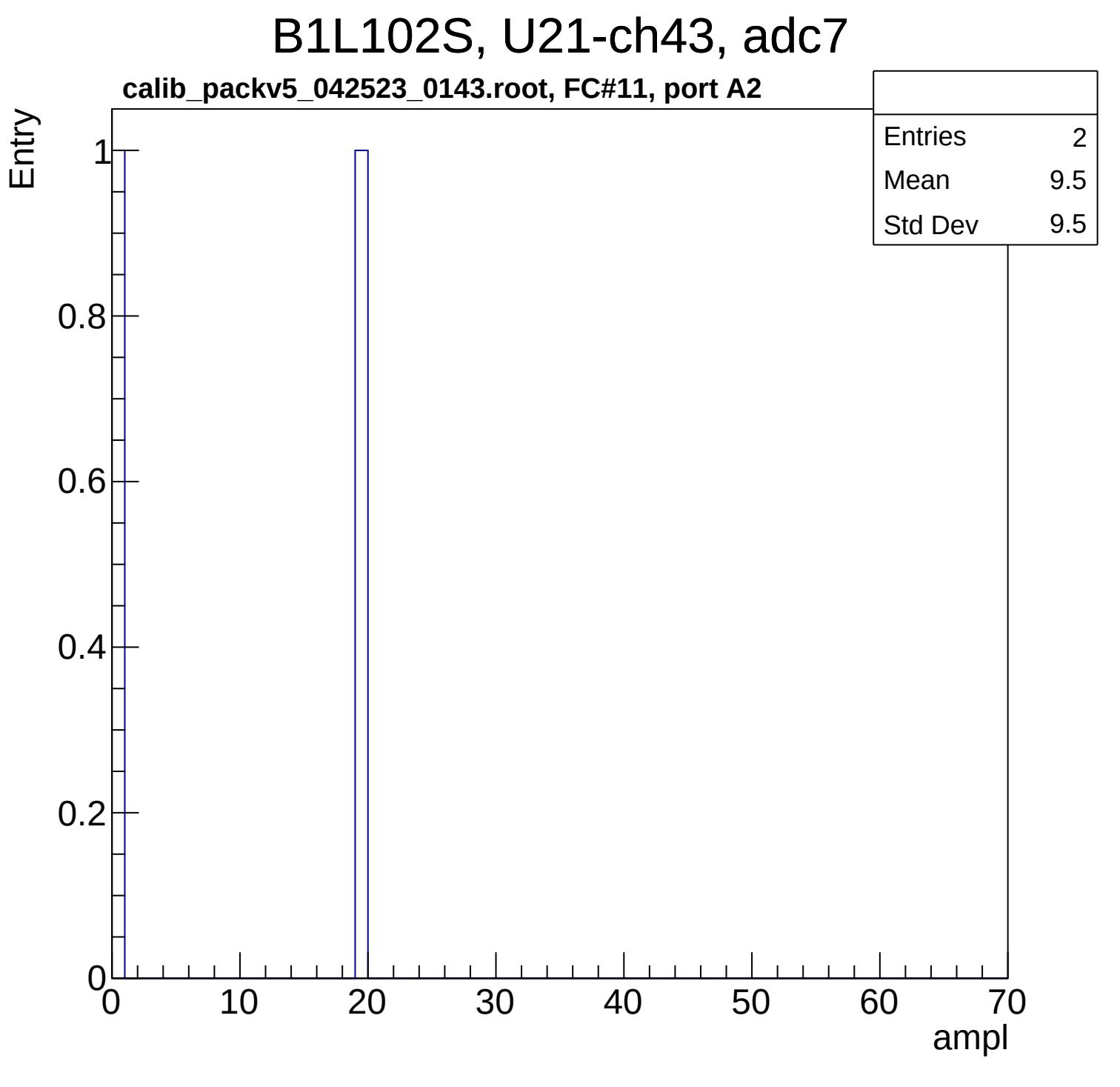
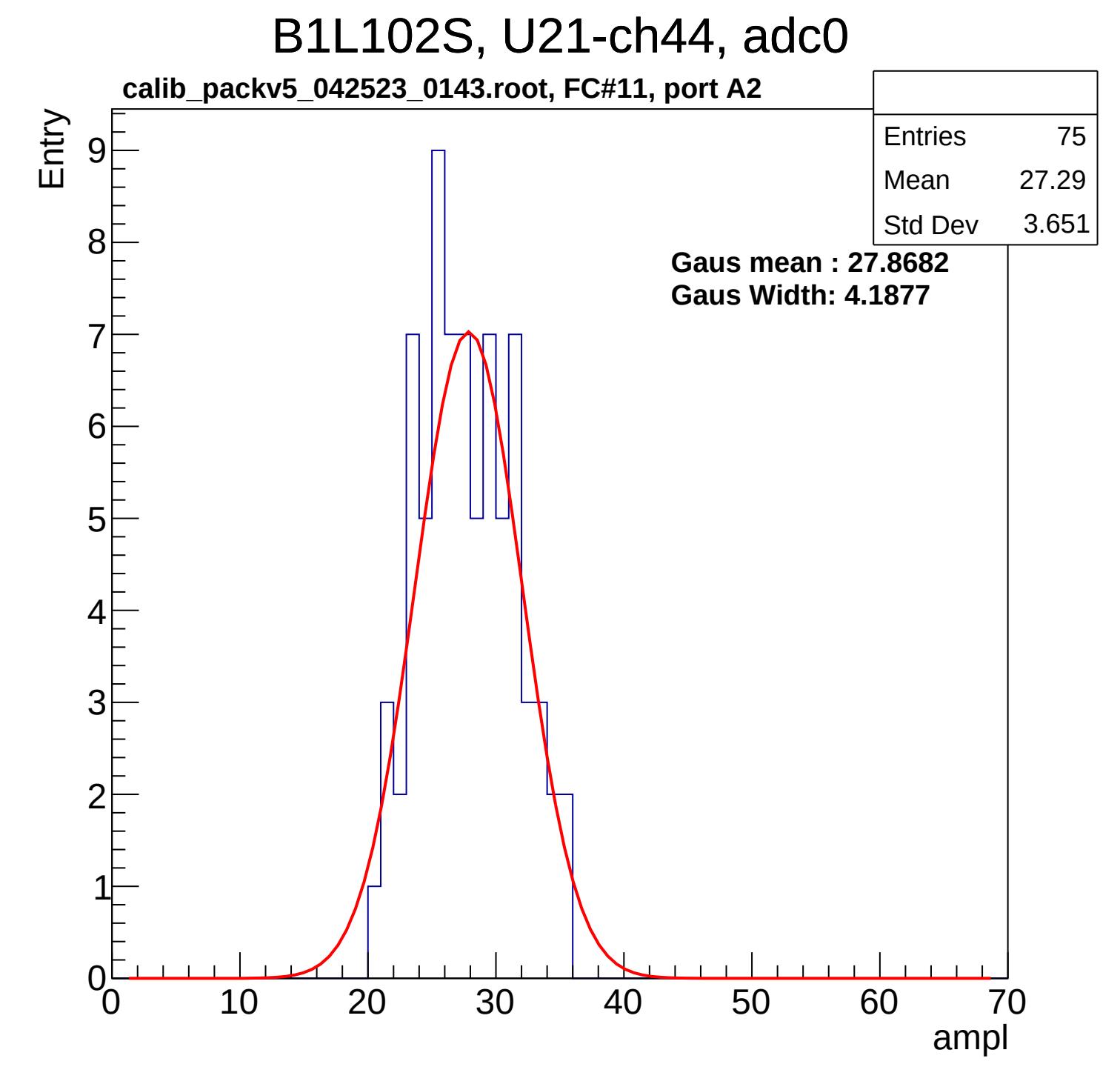
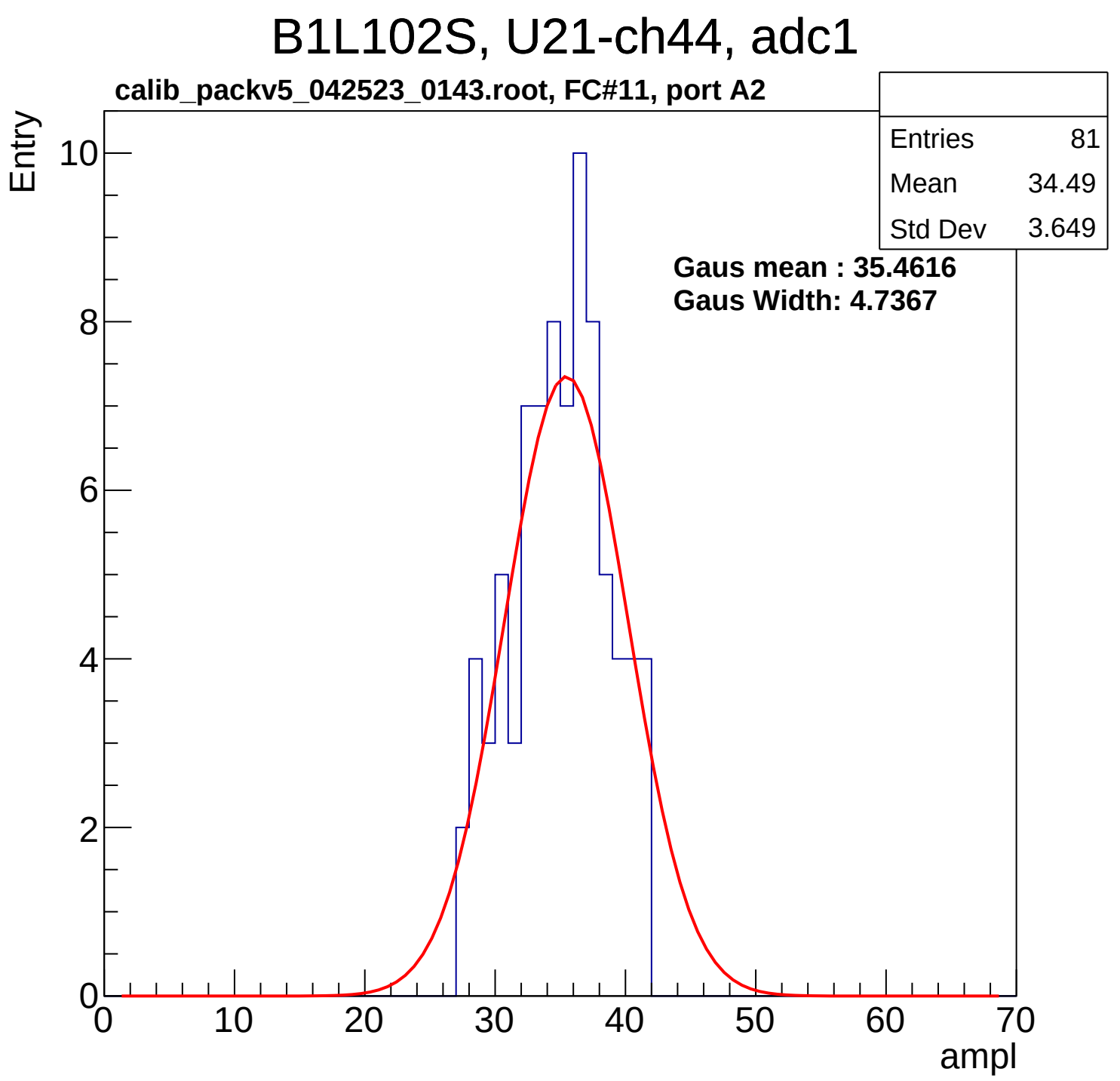
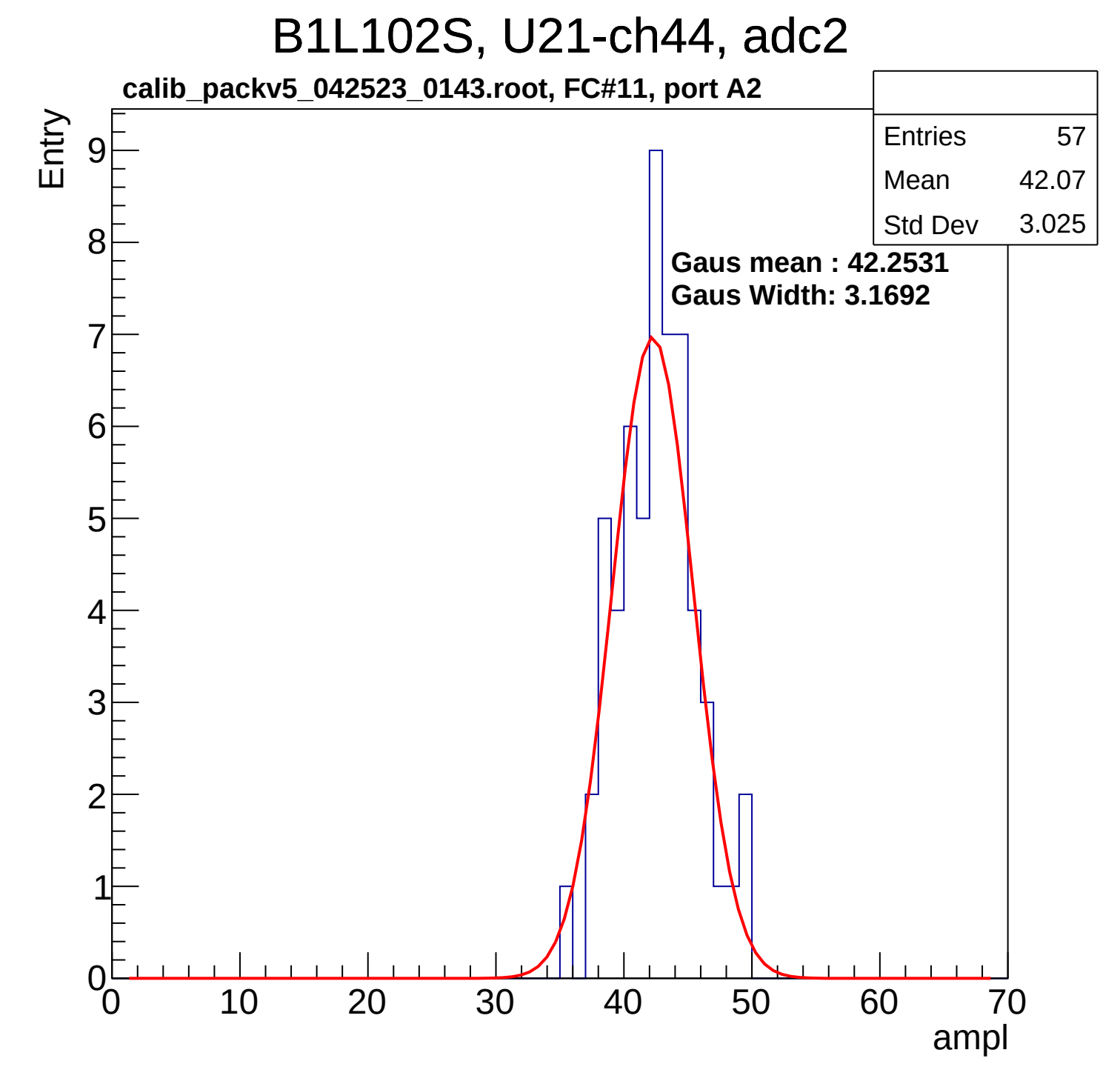
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch43, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 9.5
Std Dev 9.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch44, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 27.29
Std Dev 3.651
Gaus mean : 27.8682
Gaus Width: 4.1877
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch44, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 81
Mean 34.49
Std Dev 3.649
Gaus mean : 35.4616
Gaus Width: 4.7367
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch44, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 42.07
Std Dev 3.025
Gaus mean : 42.2531
Gaus Width: 3.1692
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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40
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60
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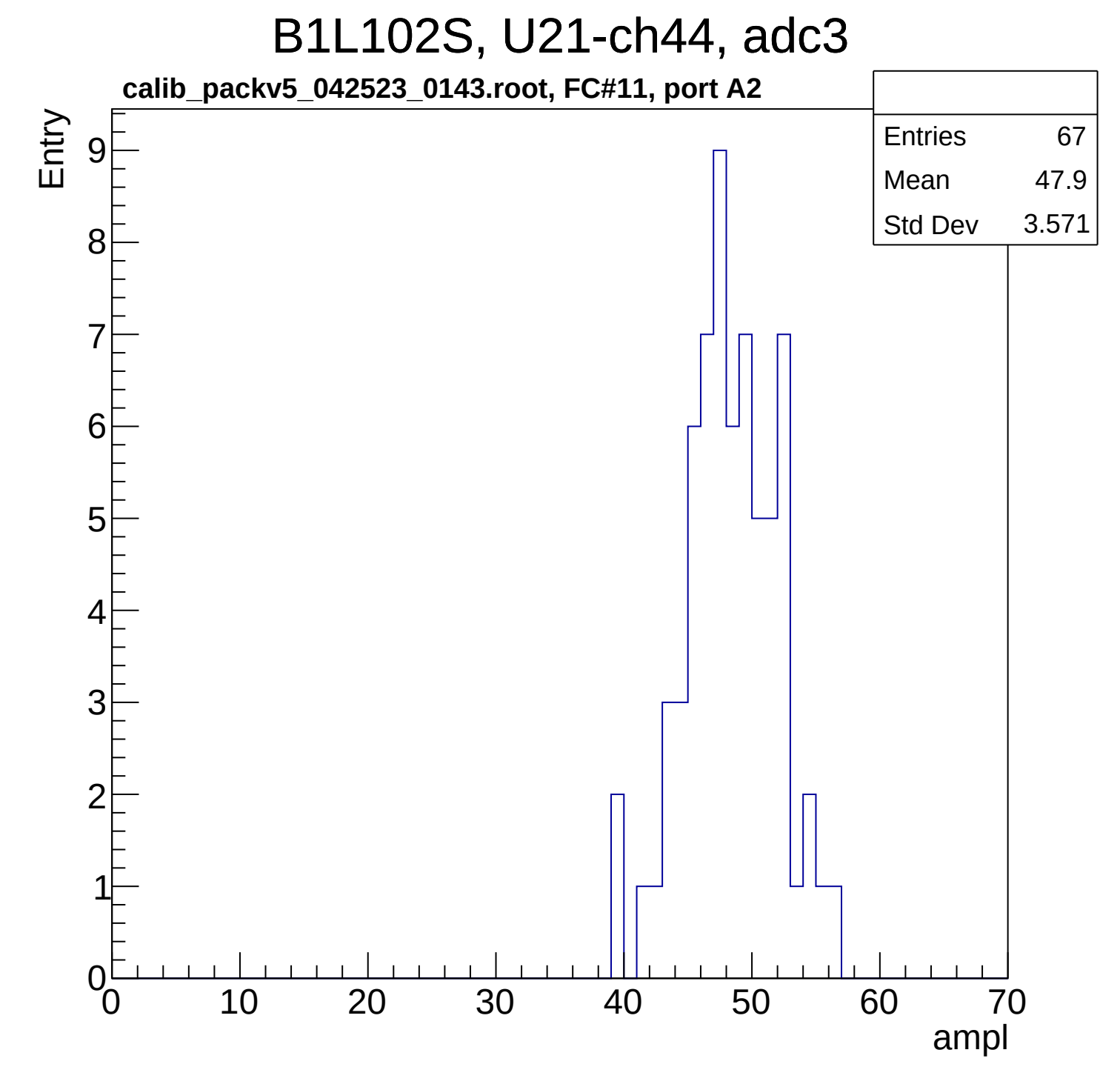
B1L102S, U21-ch44, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 47.9
Std Dev 3.571
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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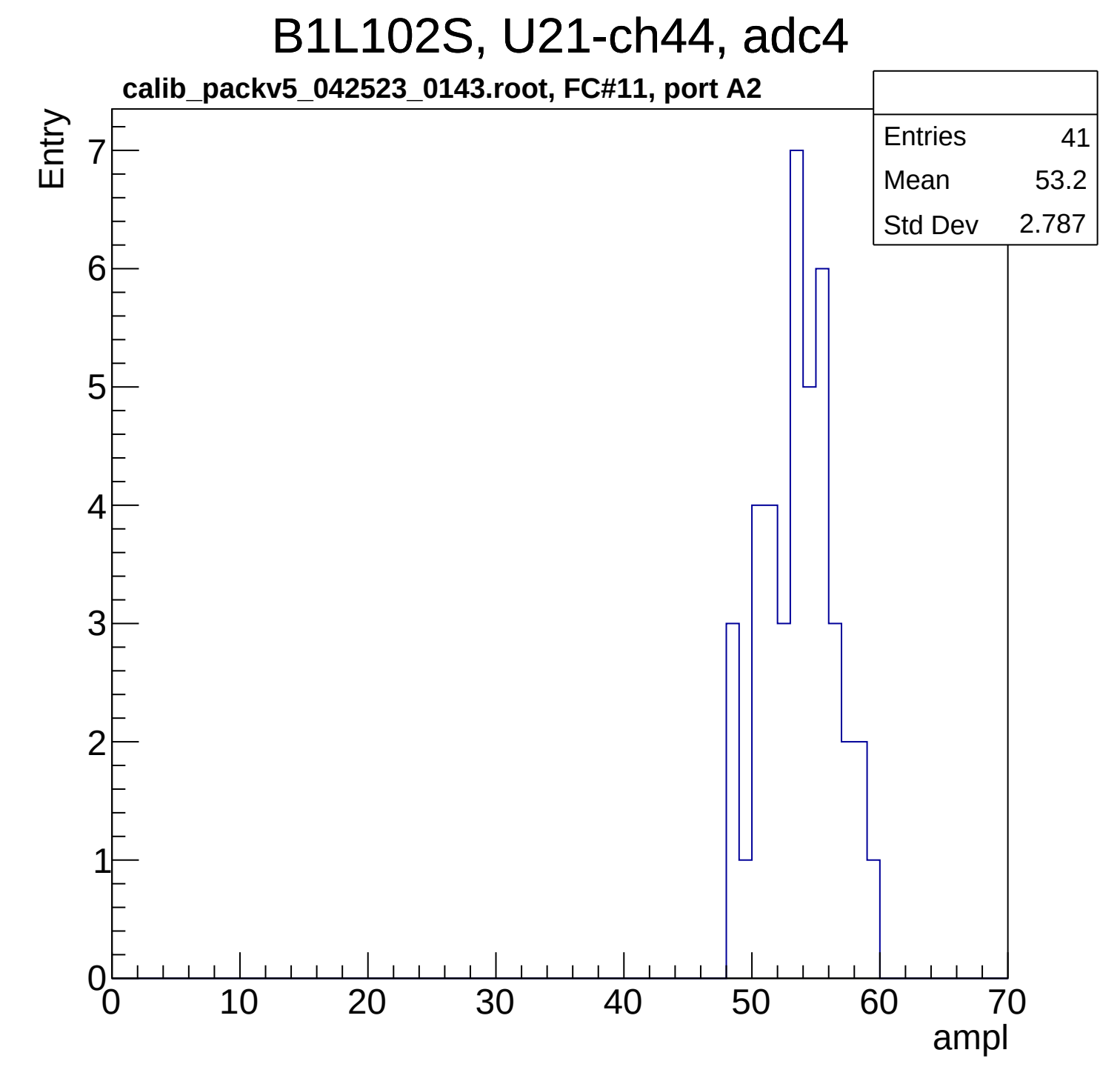
B1L102S, U21-ch44, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 41
Mean 53.2
Std Dev 2.787
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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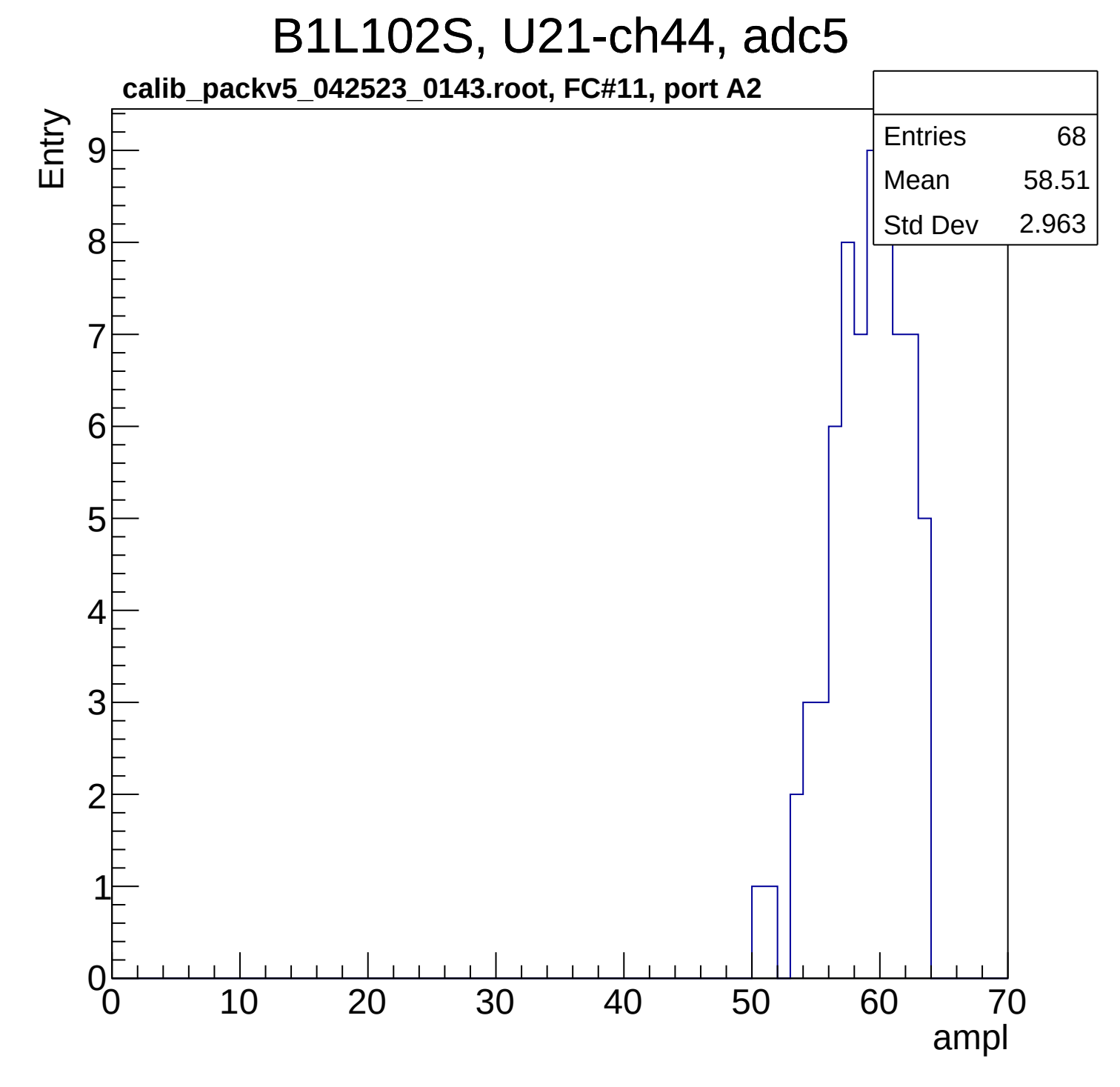
40
50
60
70


B1L102S, U21-ch44, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 58.51
Std Dev 2.963
Entry
ampl
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3
4
5
6
7
8
9
0
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20
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40
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60
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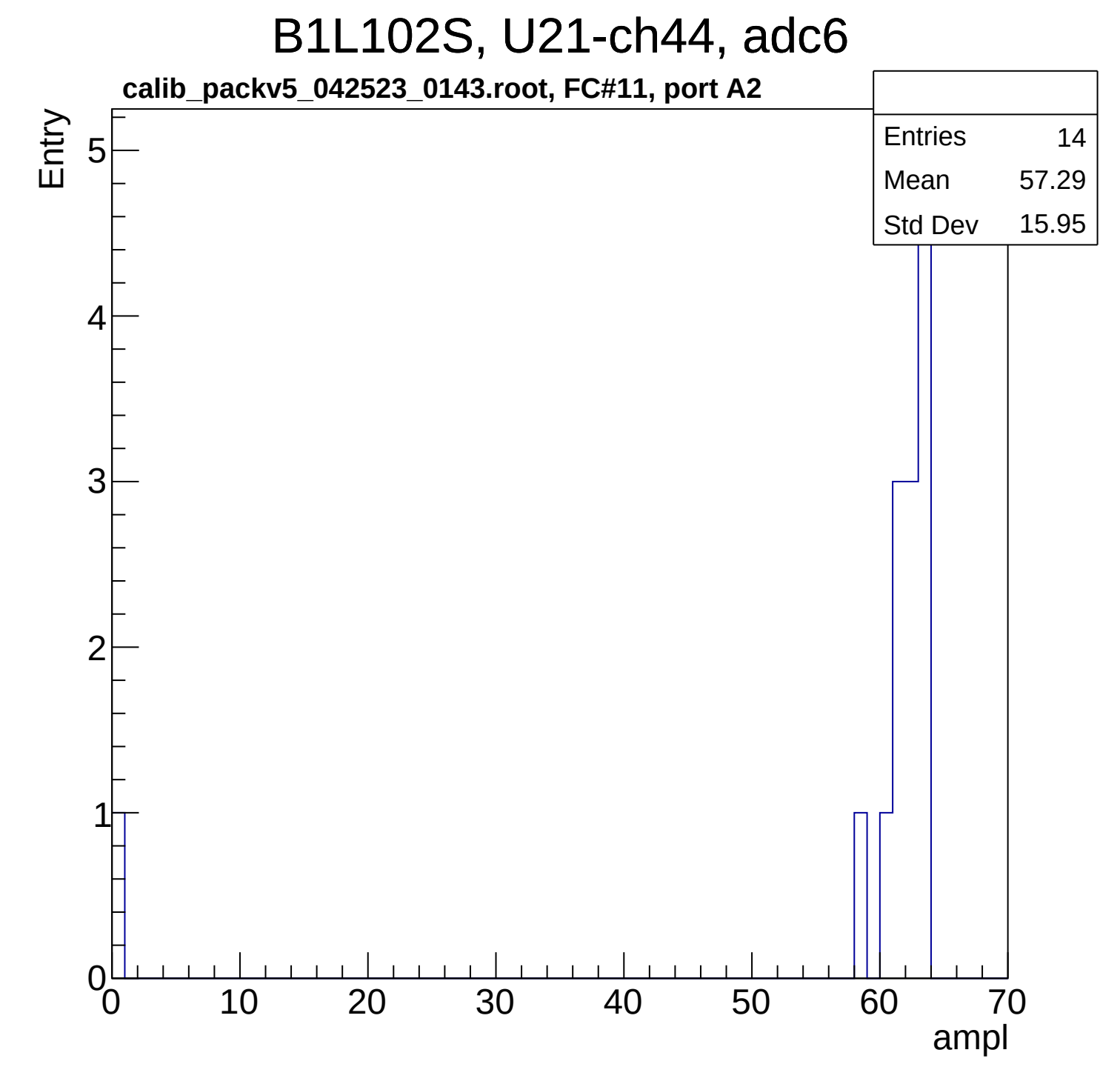
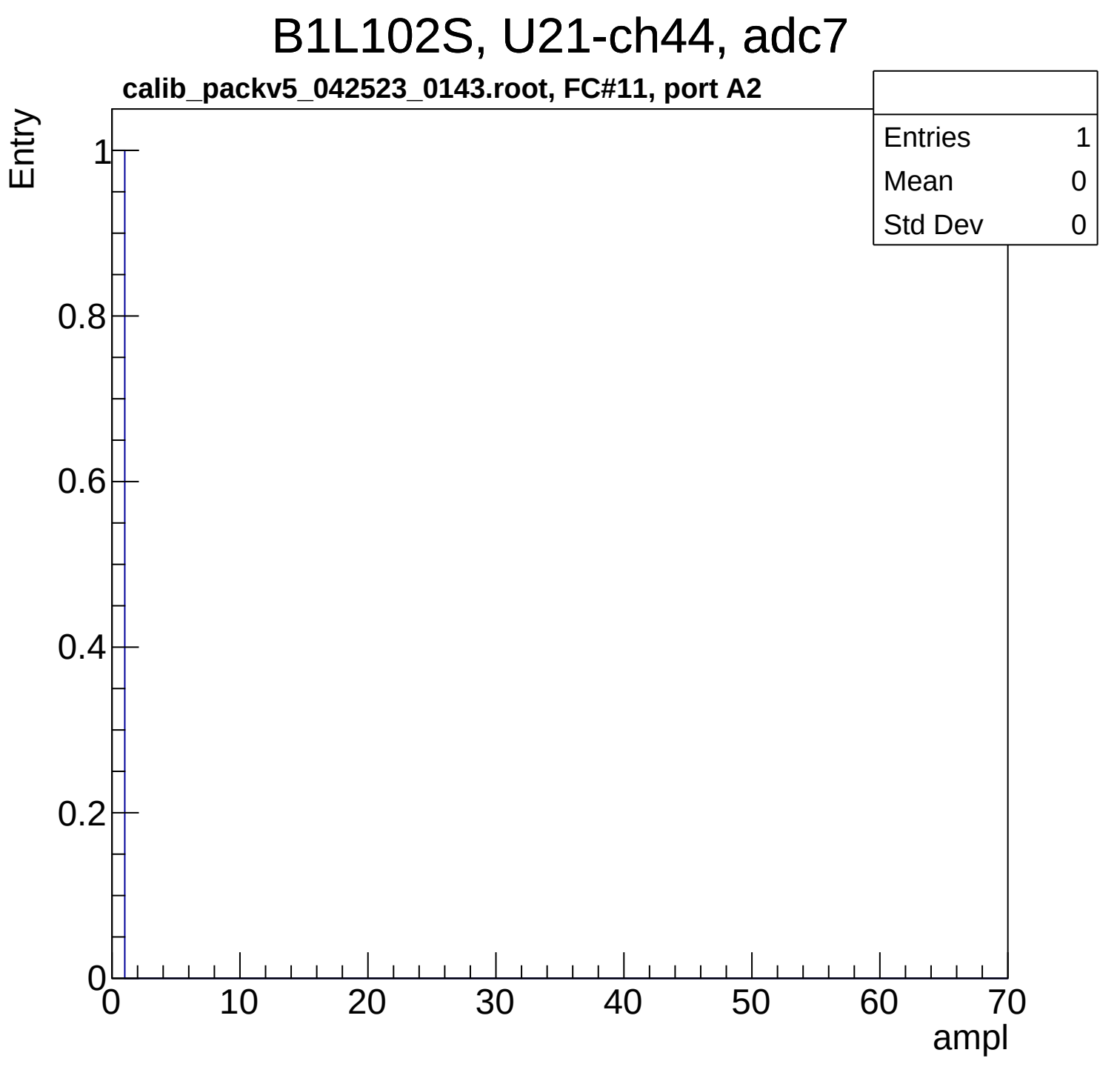

B1L102S, U21-ch44, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 14
Mean 57.29
Std Dev 15.95
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch44, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 0
Std Dev 0
Entry
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0.6
0.4
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0
10
20
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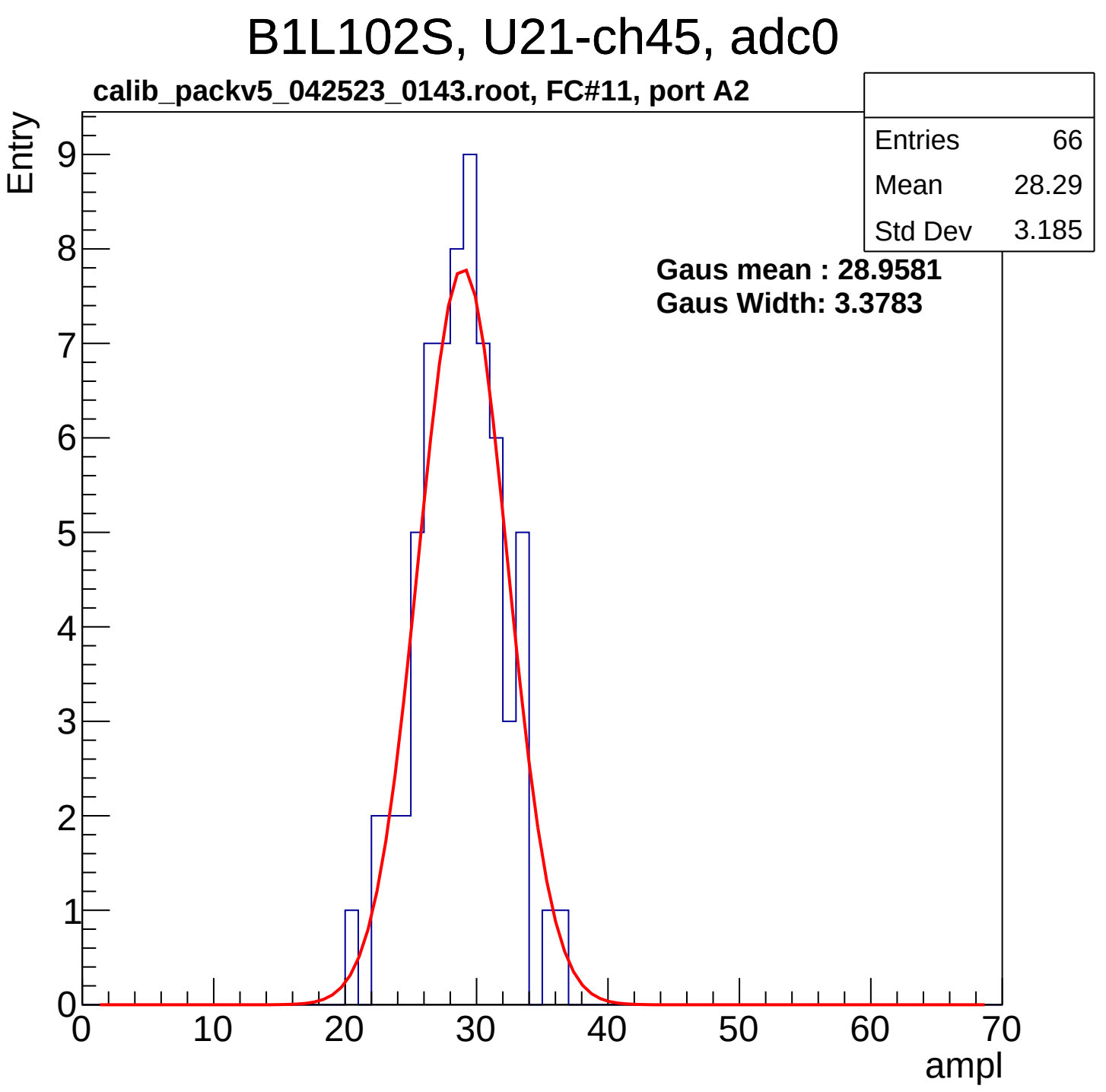
50
60
70
ampl


B1L102S, U21-ch45, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 28.29
Std Dev 3.185
Gaus mean : 28.9581
Gaus Width: 3.3783
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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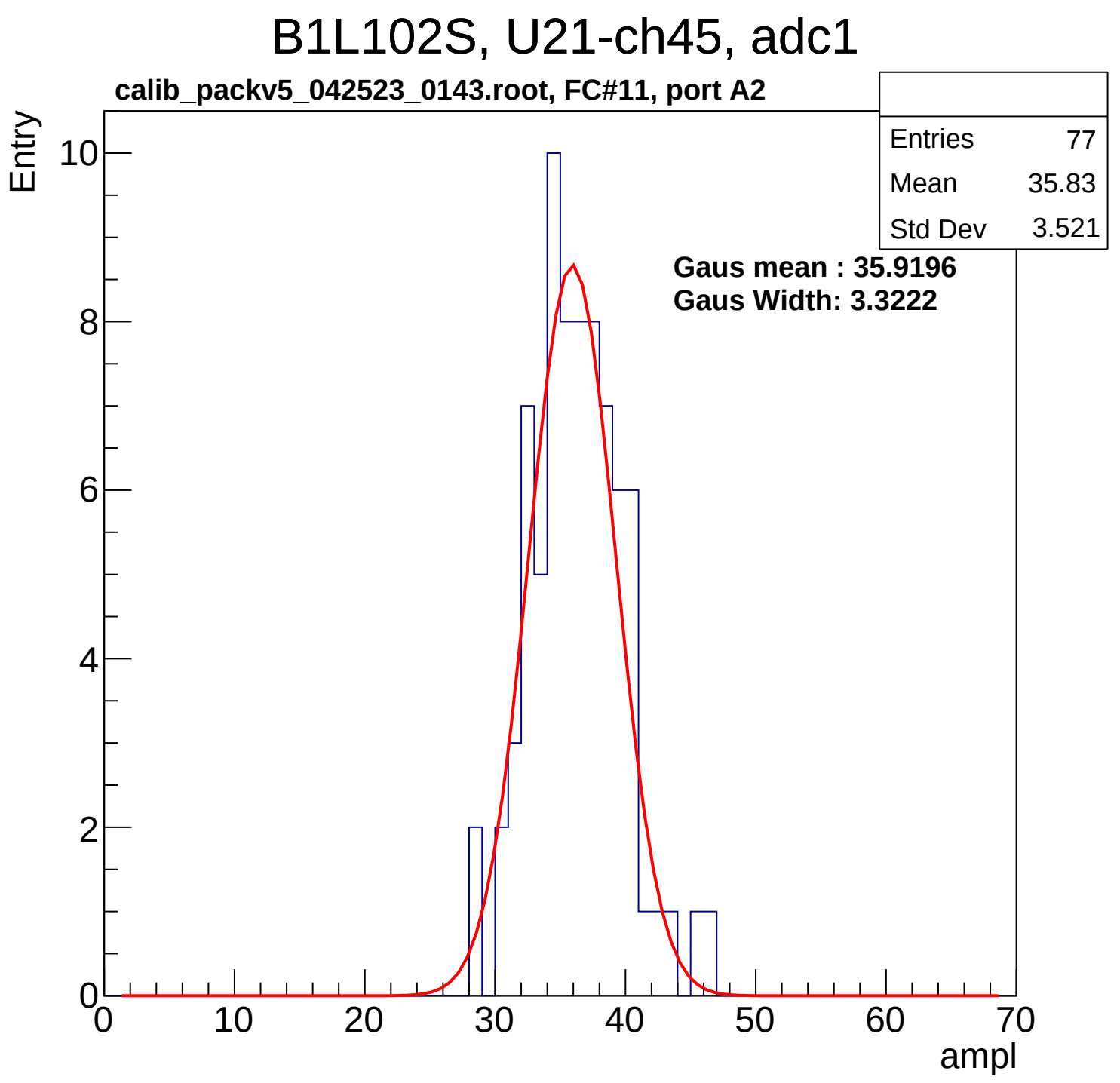
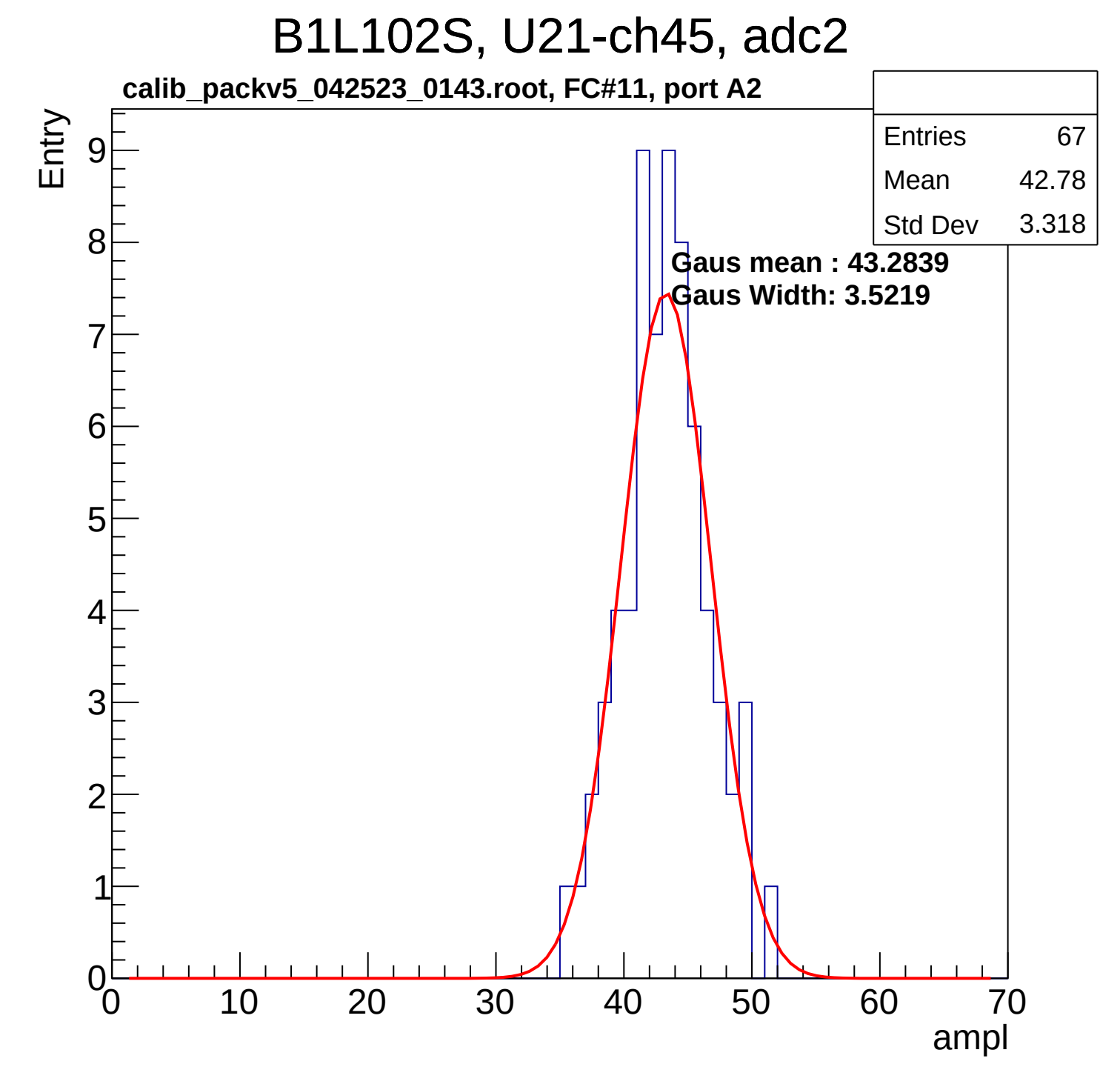
40
50
60
70


B1L102S, U21-ch45, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 35.83
Std Dev 3.521
Gaus mean : 35.9196
Gaus Width: 3.3222
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch45, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 42.78
Std Dev 3.318
Gaus mean : 43.2839
Gaus Width: 3.5219
Entry
ampl
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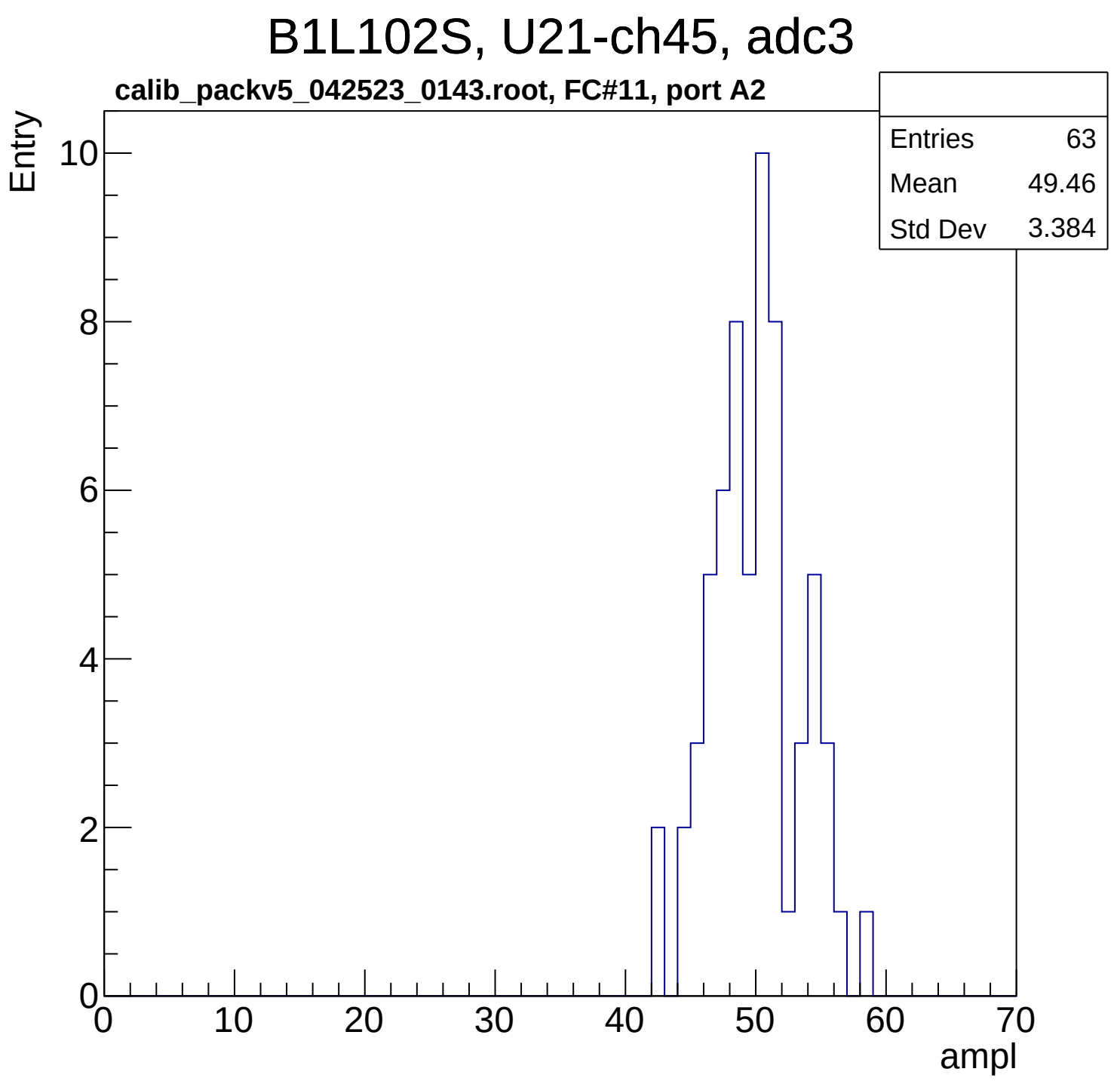
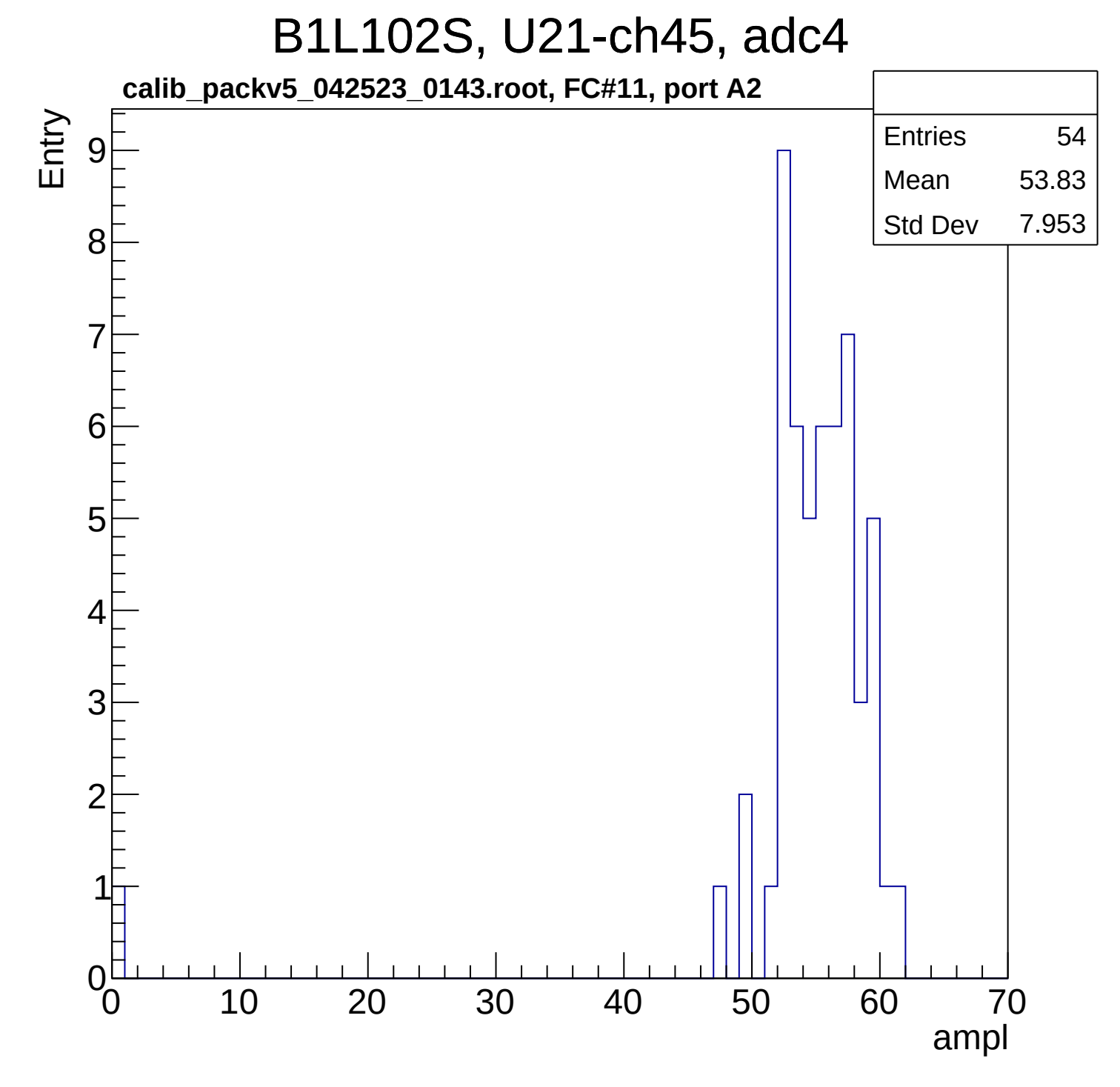
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch45, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 49.46
Std Dev 3.384
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch45, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 53.83
Std Dev 7.953
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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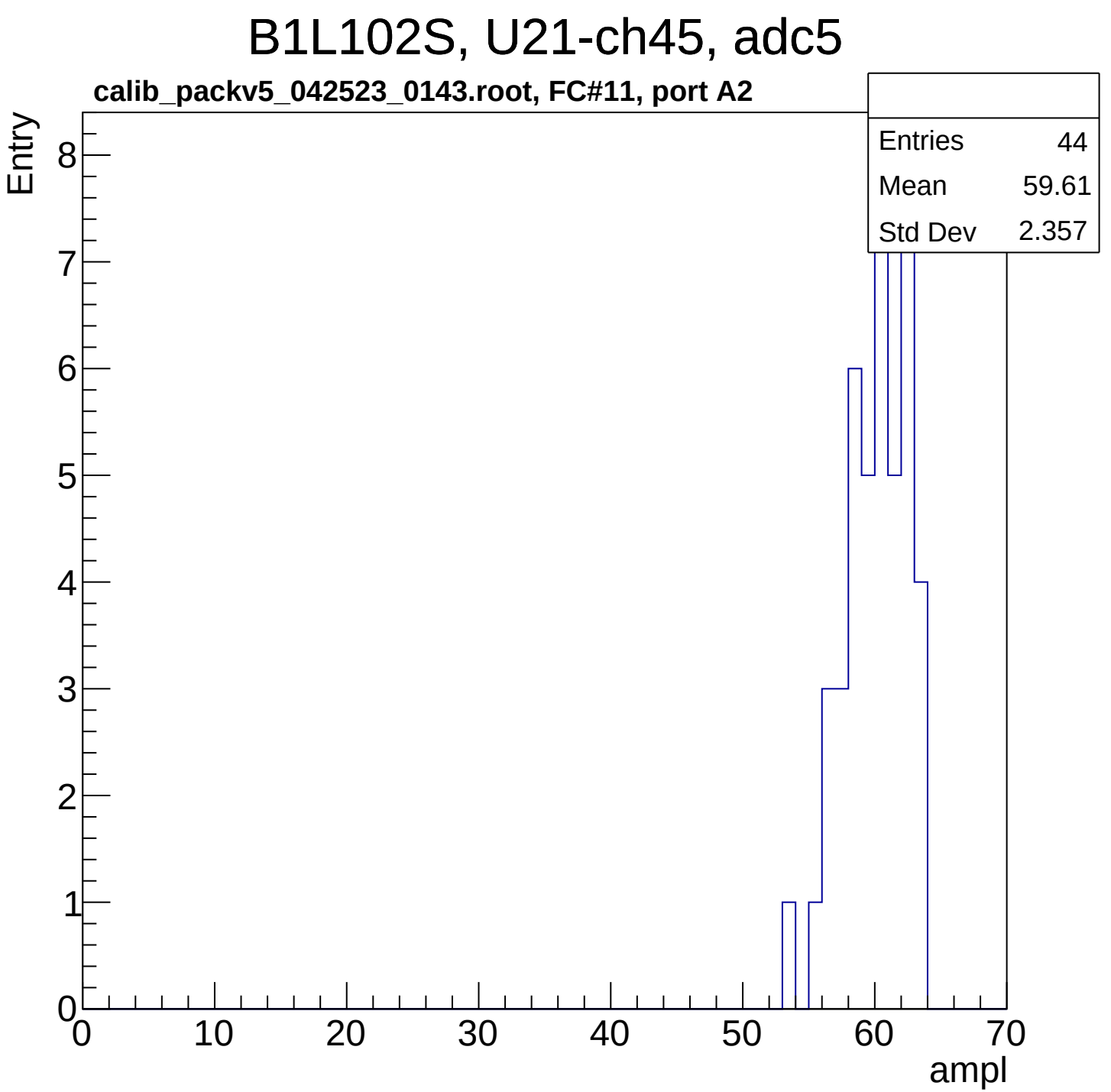
B1L102S, U21-ch45, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 44
Mean 59.61
Std Dev 2.357
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
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40
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60
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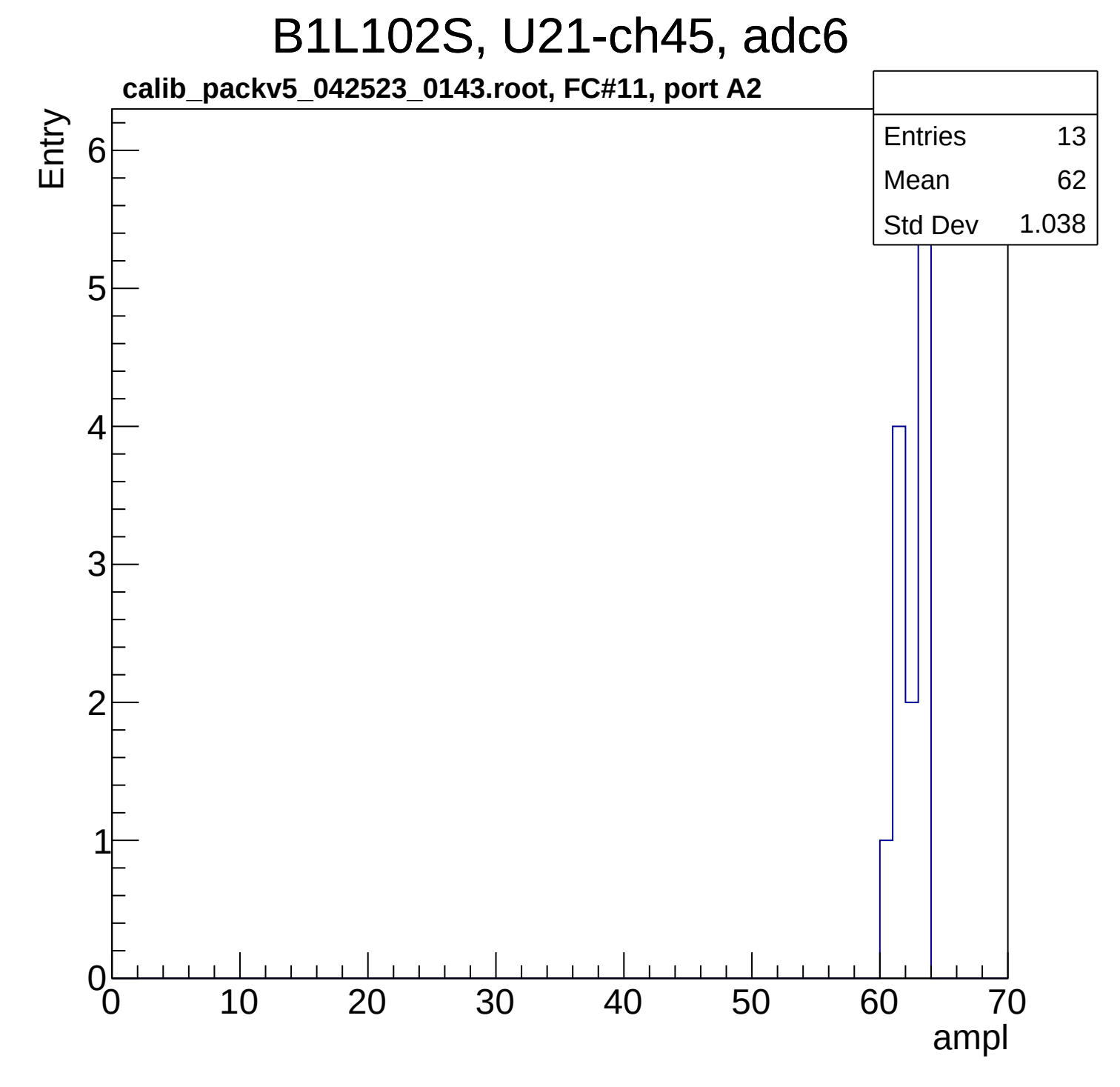
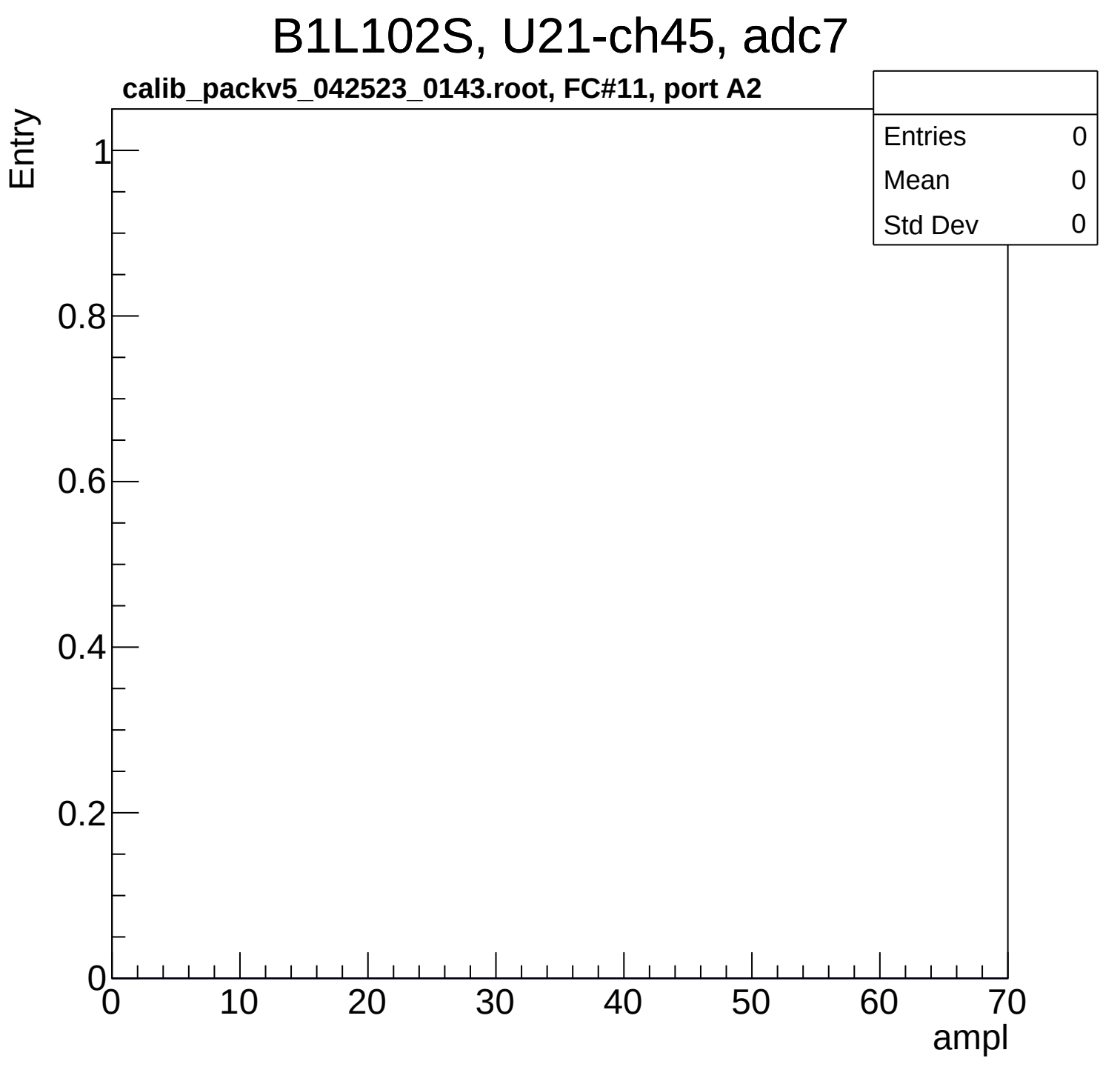

B1L102S, U21-ch45, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 13
Mean 62
Std Dev 1.038
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch45, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
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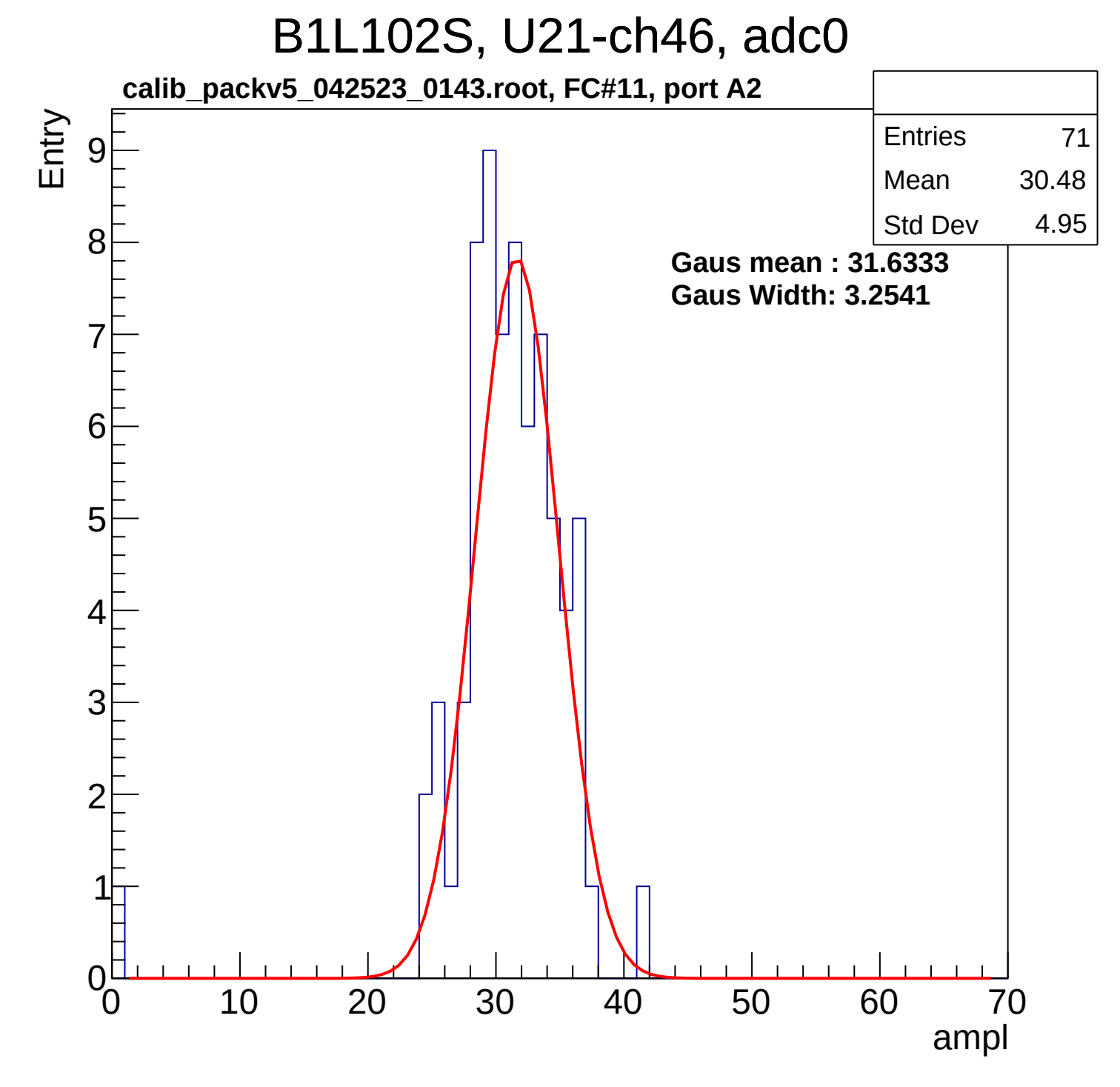
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch46, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 30.48
Std Dev 4.95
Gaus mean : 31.6333
Gaus Width: 3.2541
Entry
ampl
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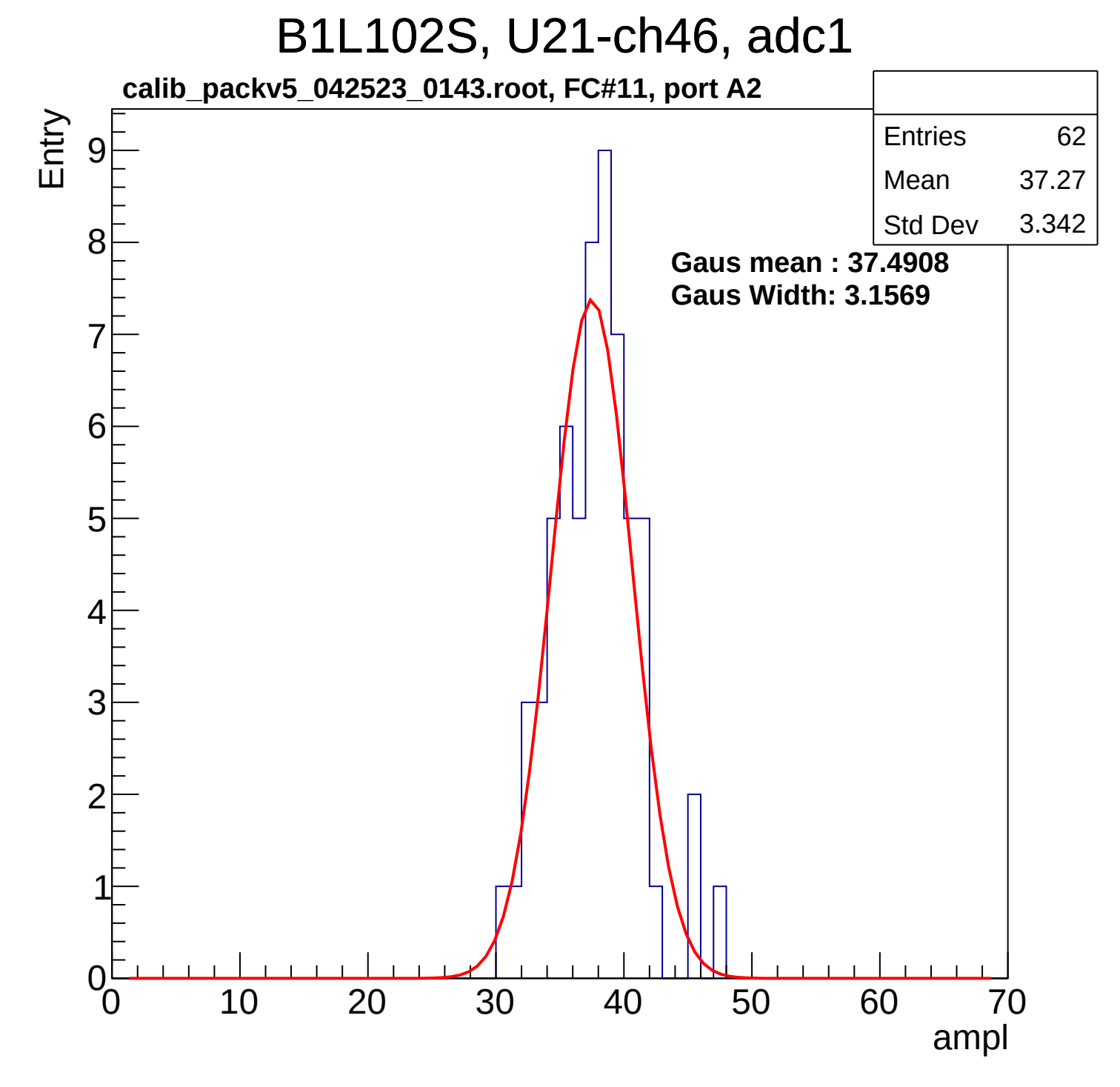
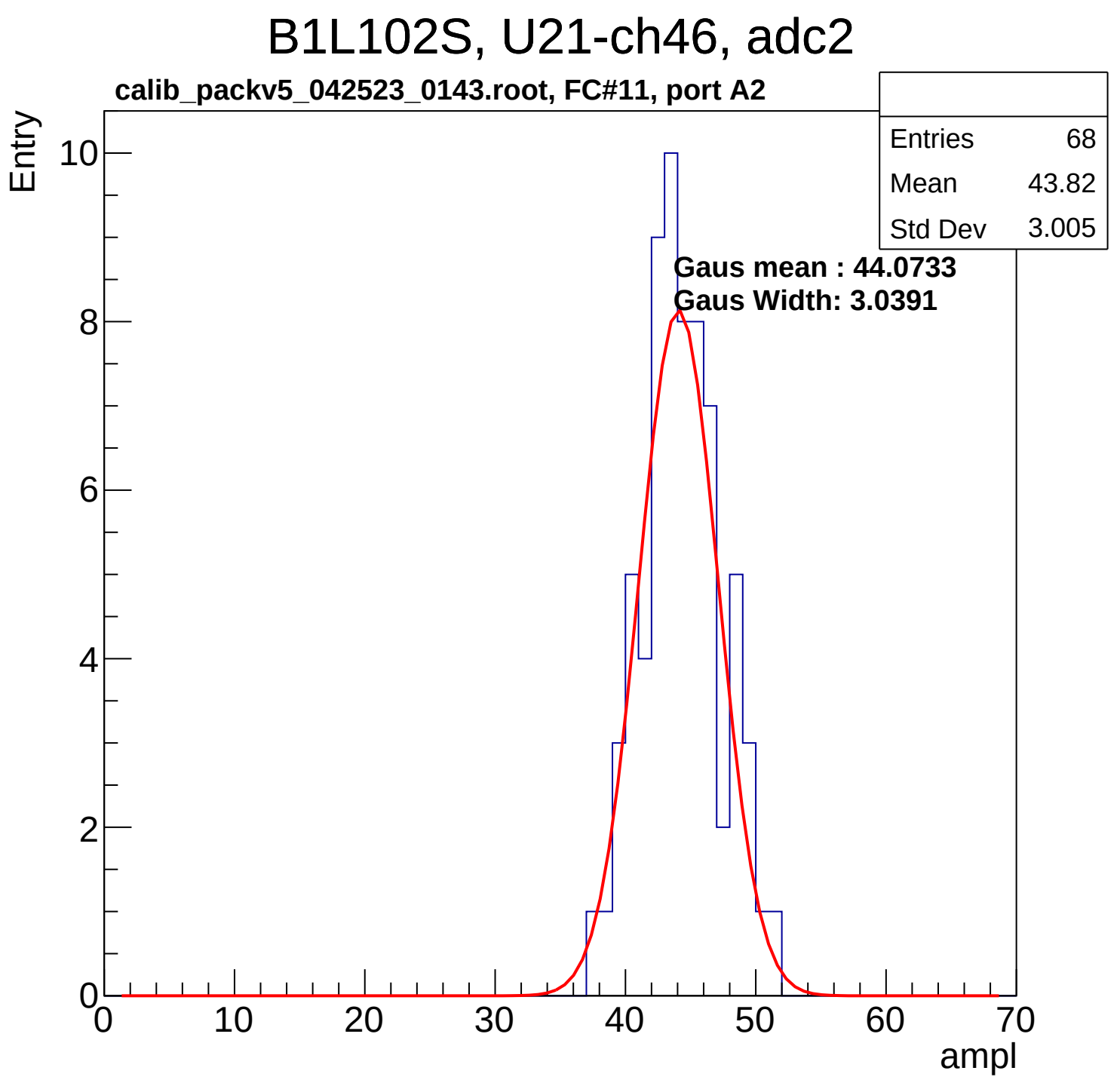
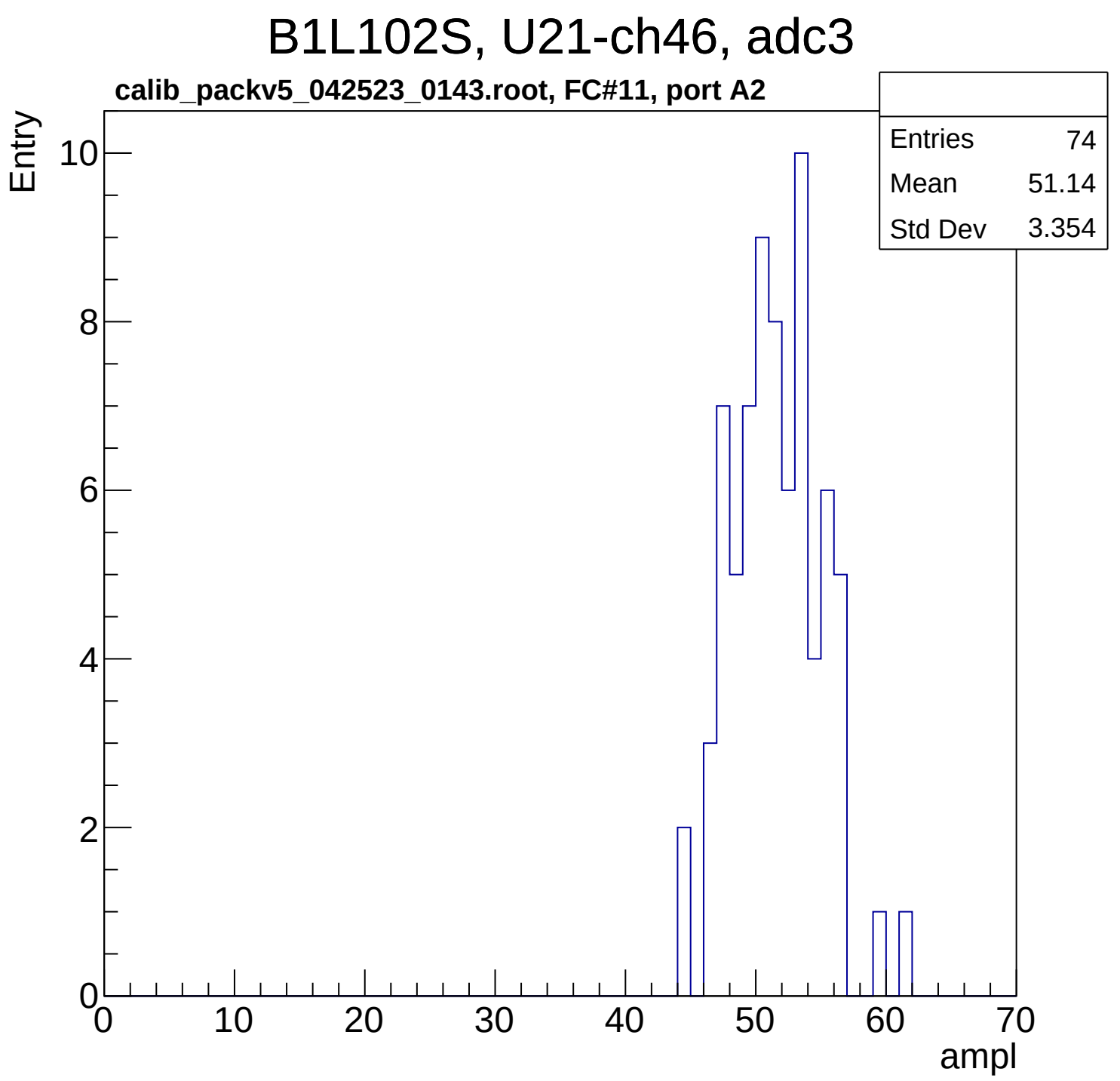
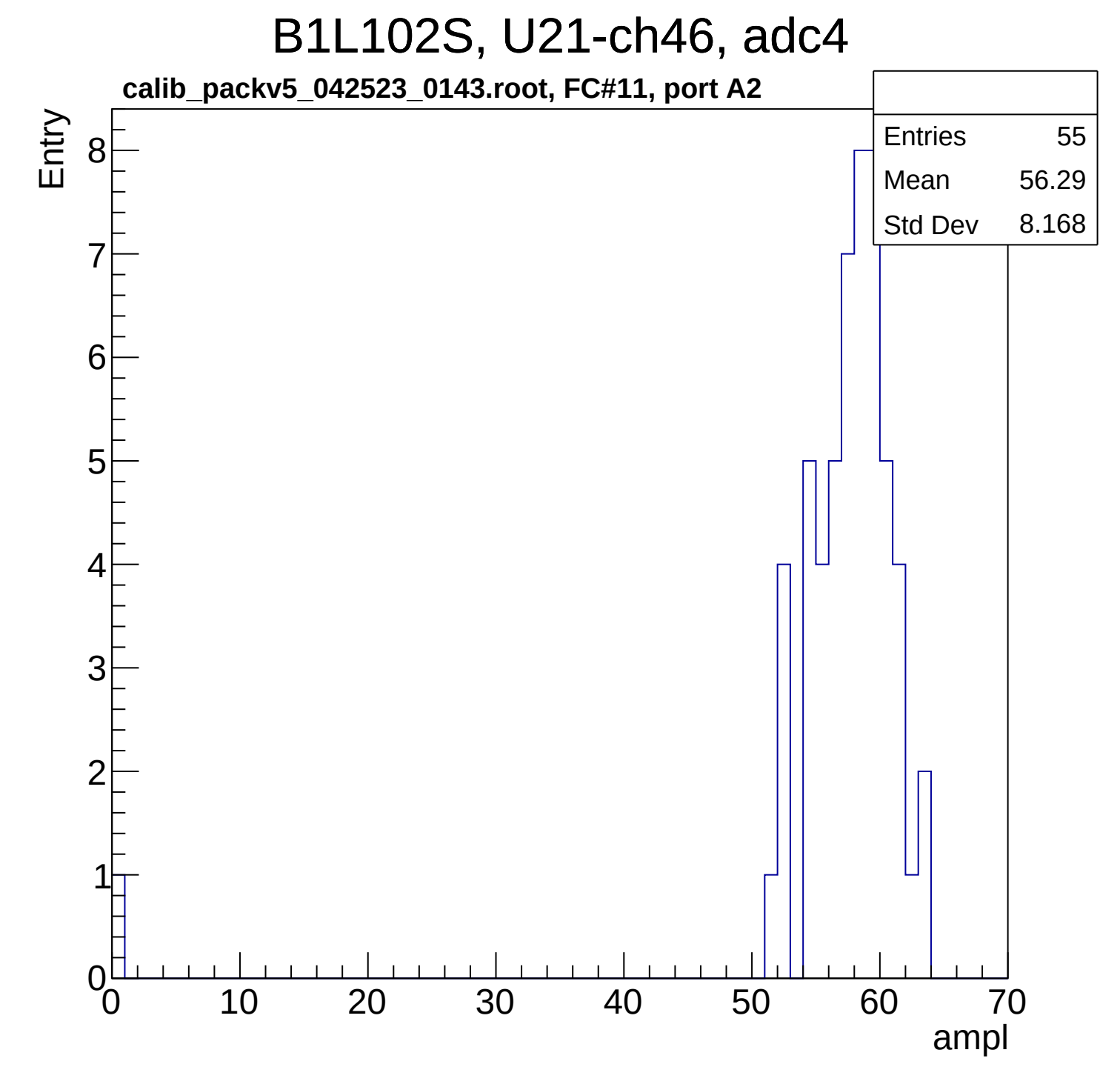
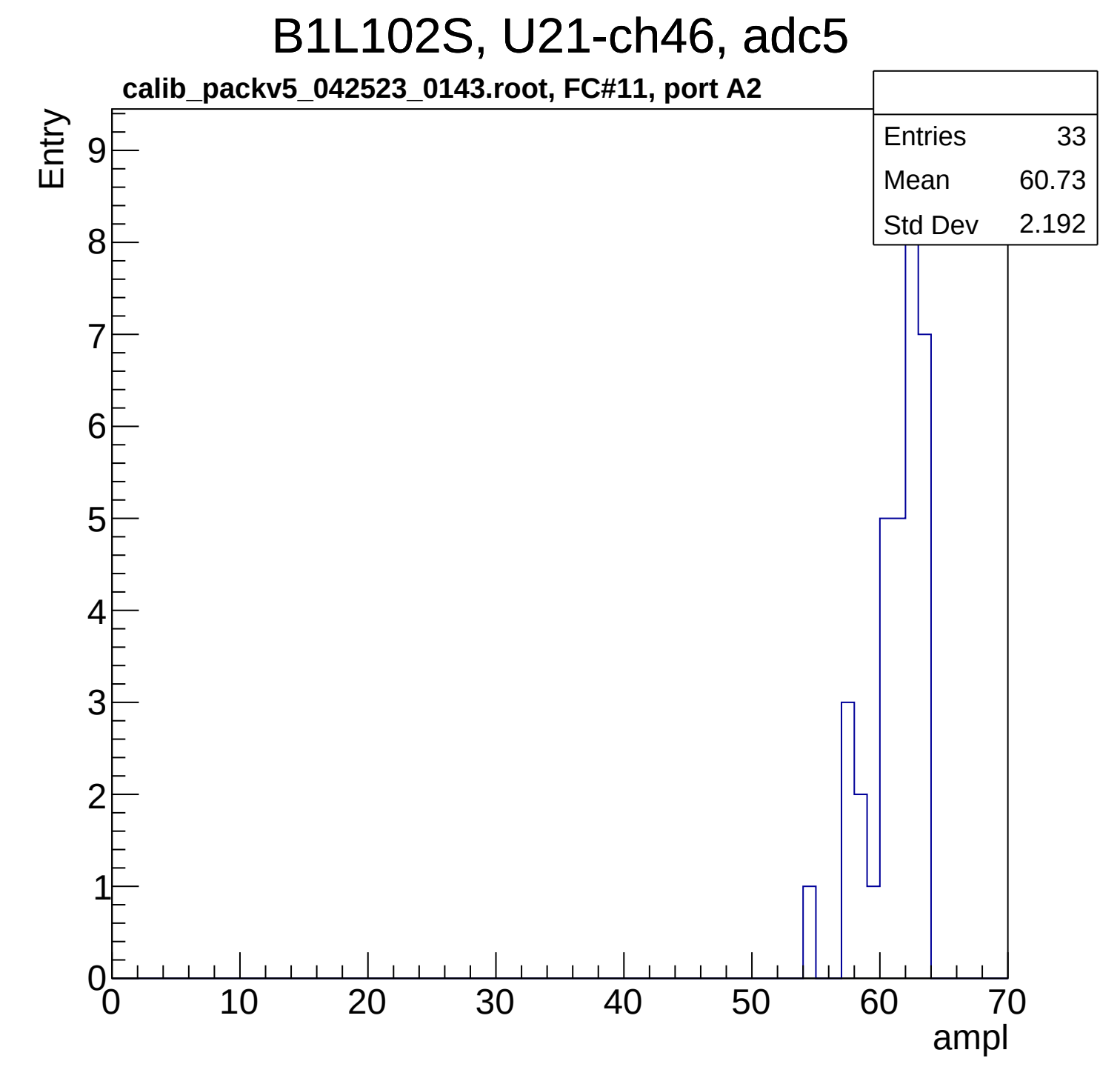
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch46, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 37.27
Std Dev 3.342
Gaus mean : 37.4908
Gaus Width: 3.1569
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch46, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 43.82
Std Dev 3.005
Gaus mean : 44.0733
Gaus Width: 3.0391
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch46, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 51.14
Std Dev 3.354
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch46, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 56.29
Std Dev 8.168
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch46, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 33
Mean 60.73
Std Dev 2.192
Entry
ampl
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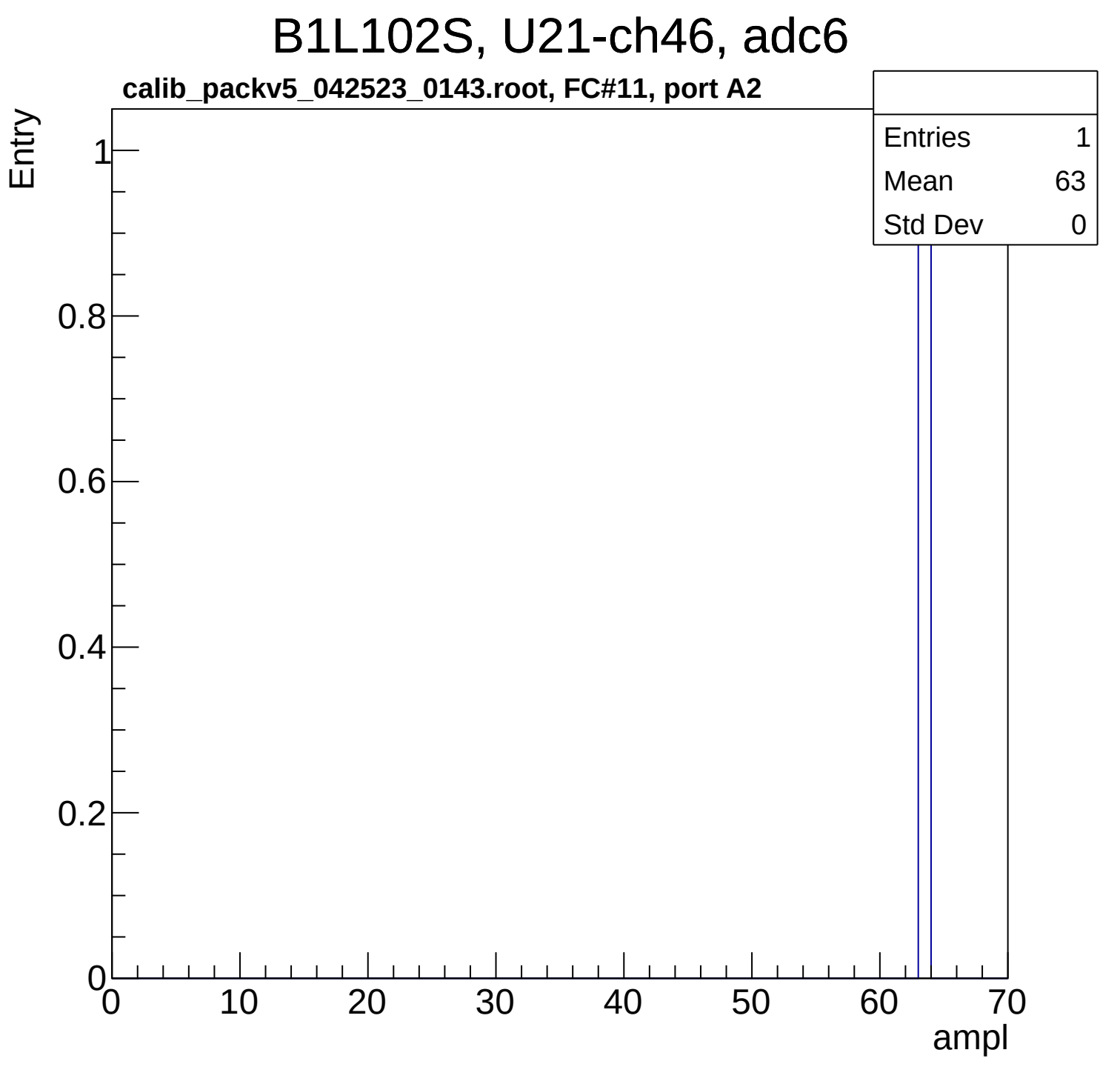
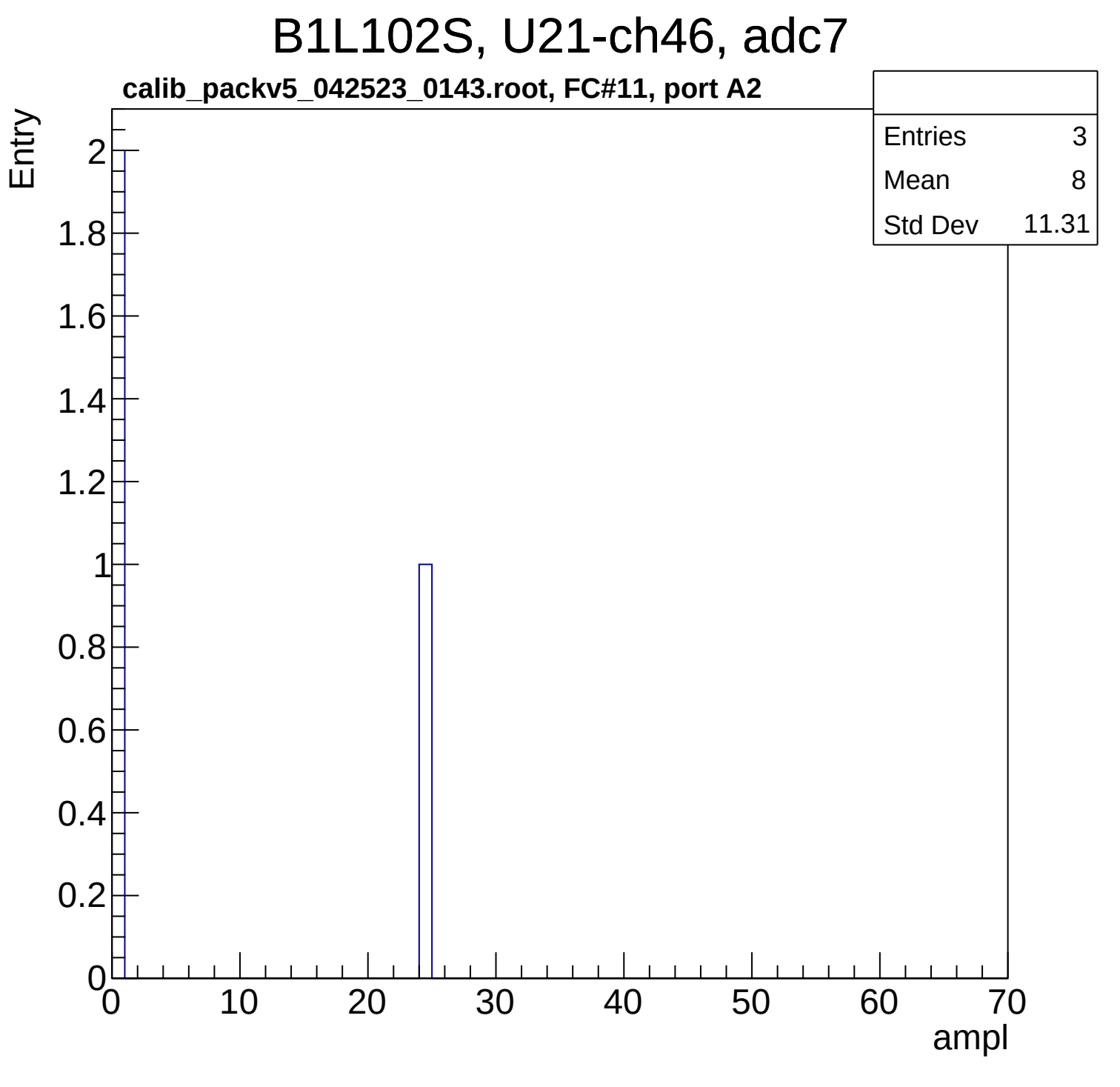
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch46, adc6
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch46, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 8
Std Dev 11.31
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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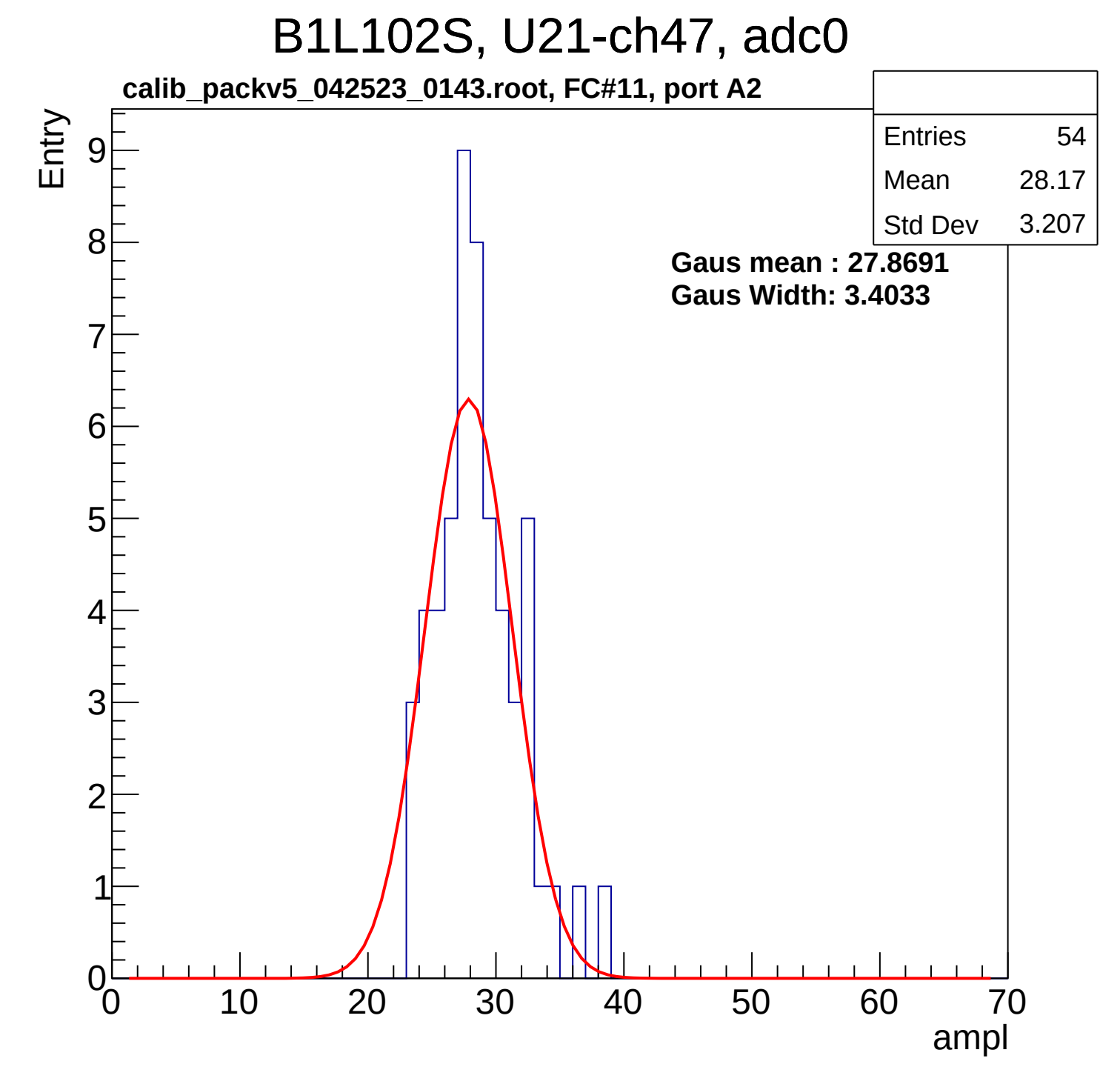
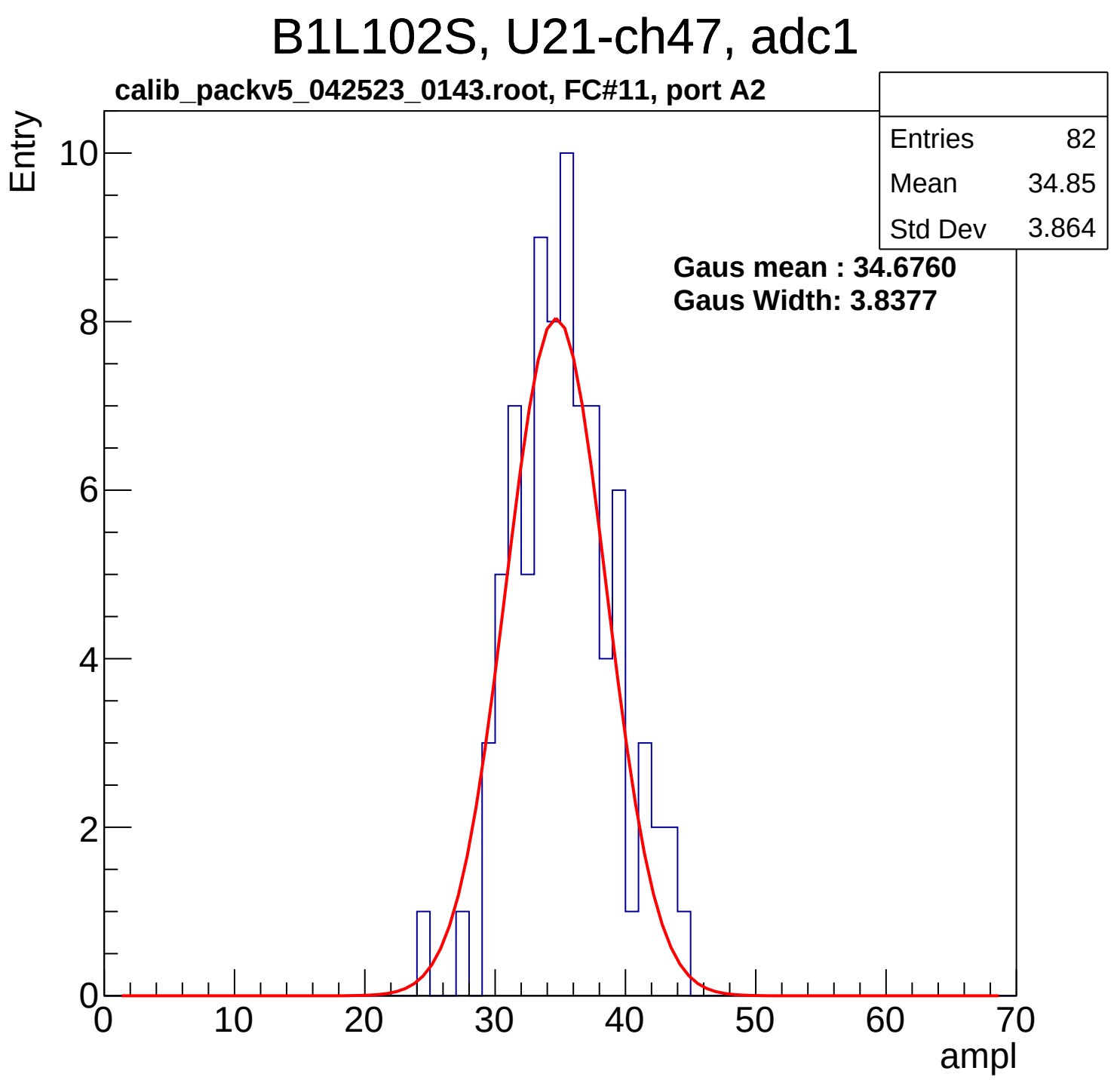
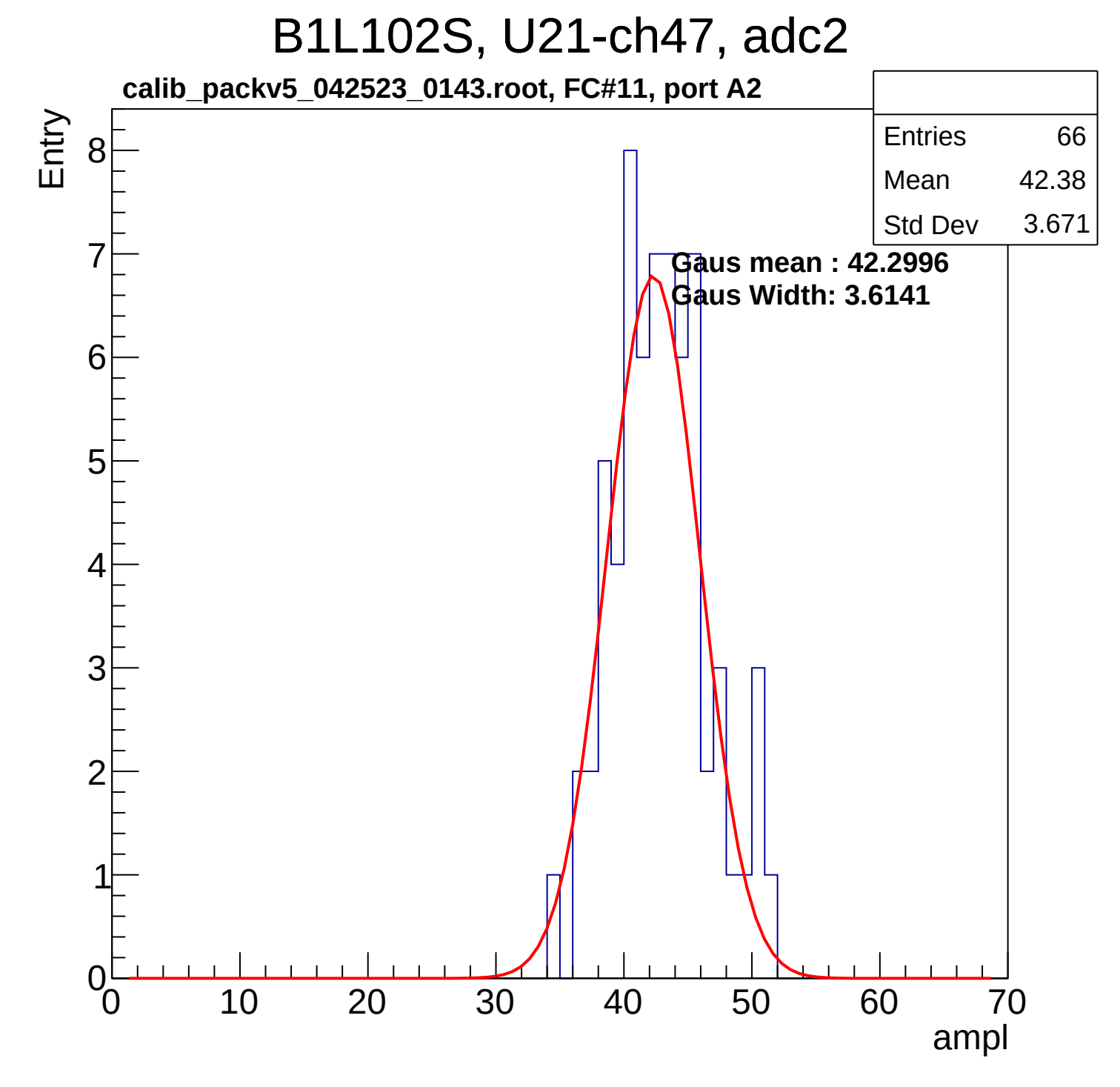
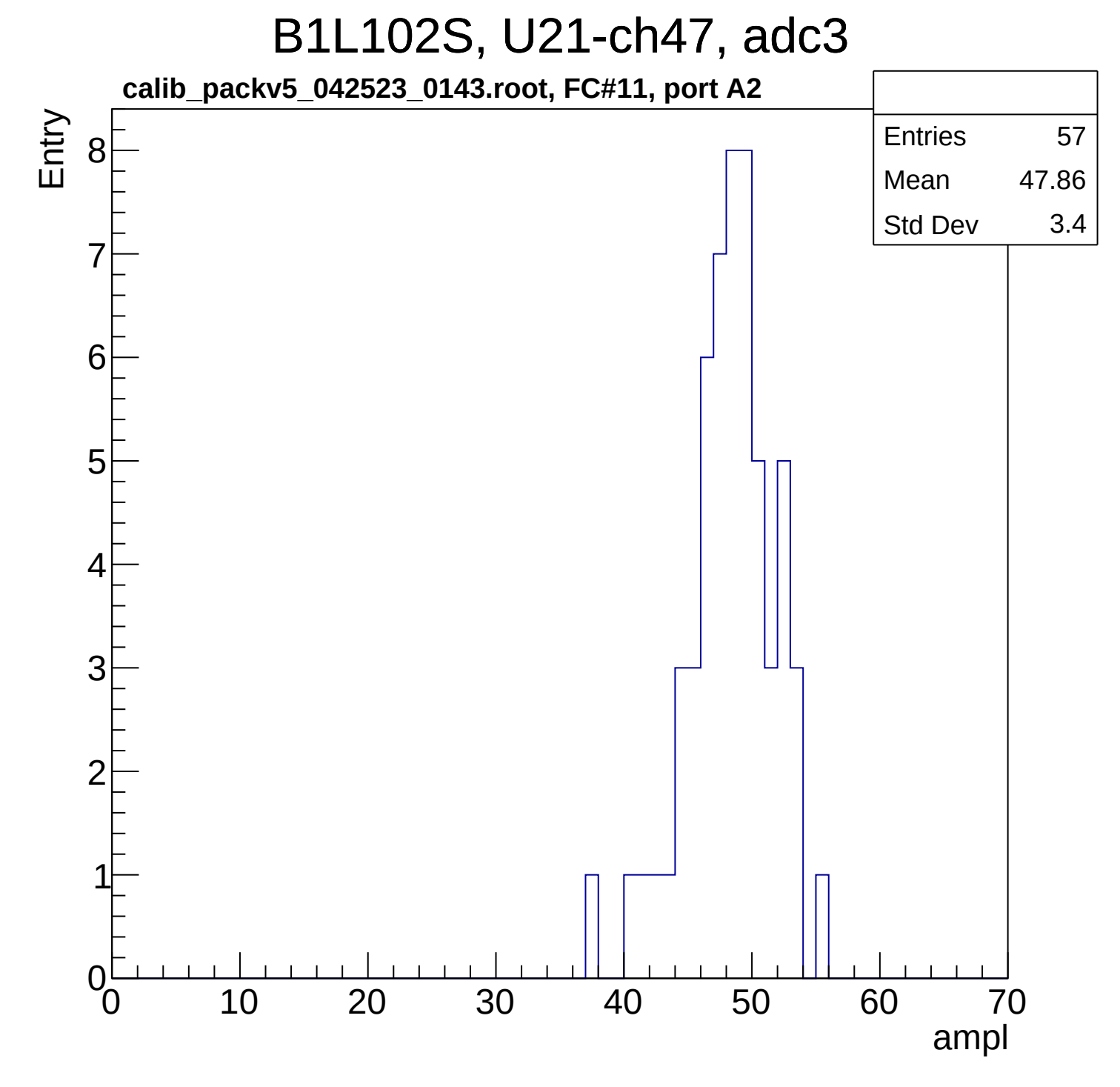
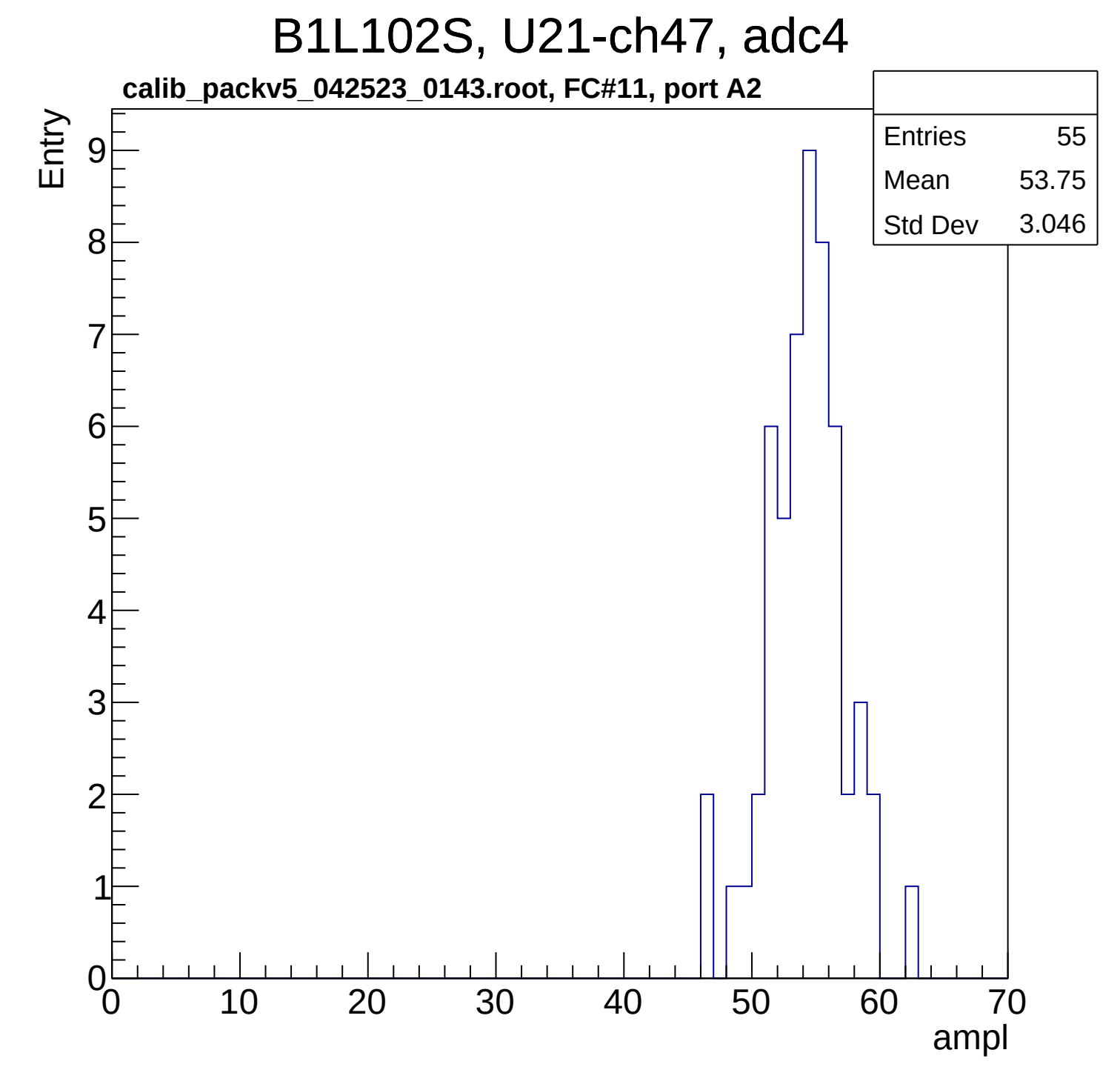
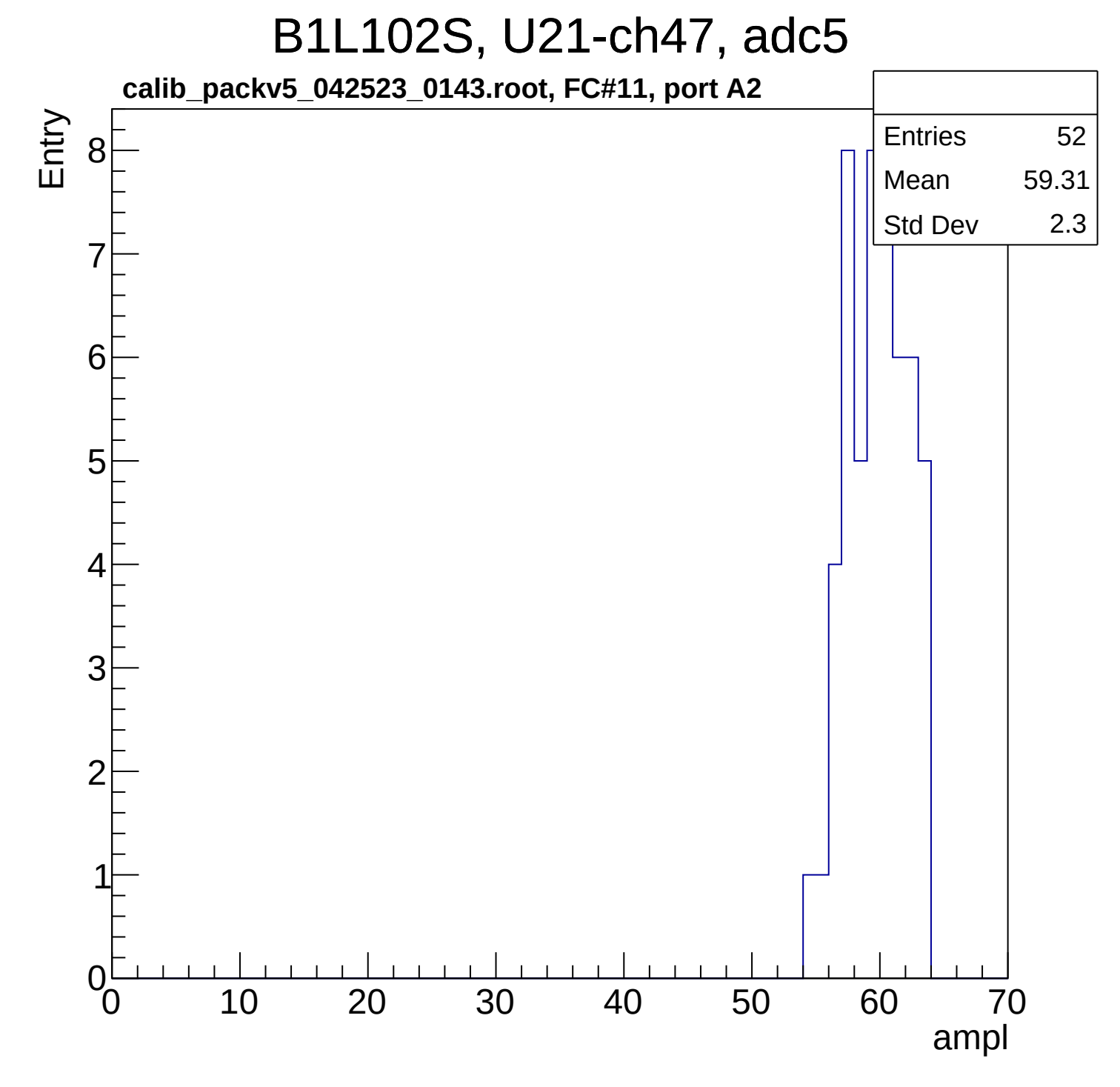

B1L102S, U21-ch47, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 28.17
Std Dev 3.207
Gaus mean : 27.8691
Gaus Width: 3.4033
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

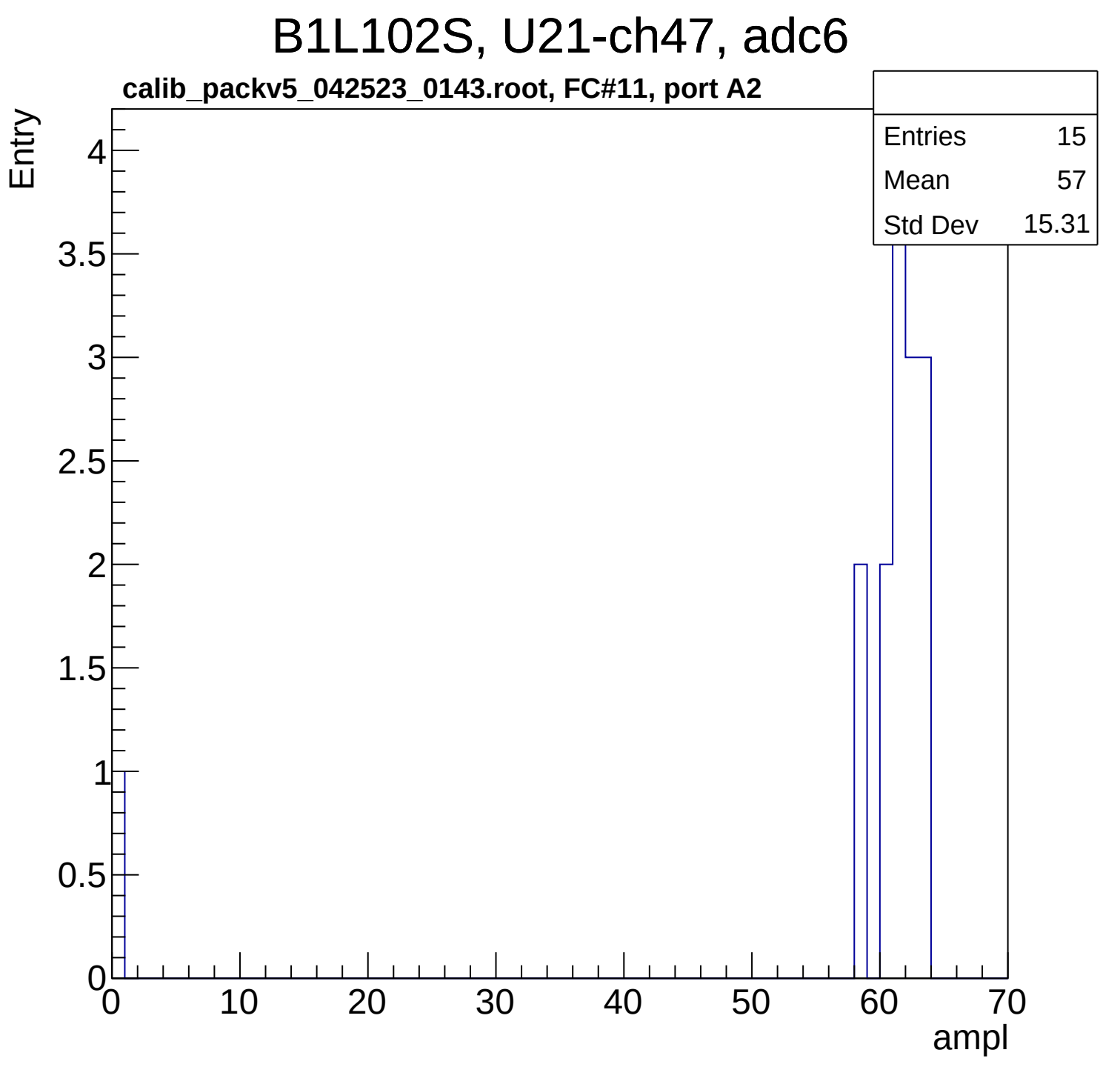

B1L102S, U21-ch47, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 82
Mean 34.85
Std Dev 3.864
Gaus mean : 34.6760
Gaus Width: 3.8377
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

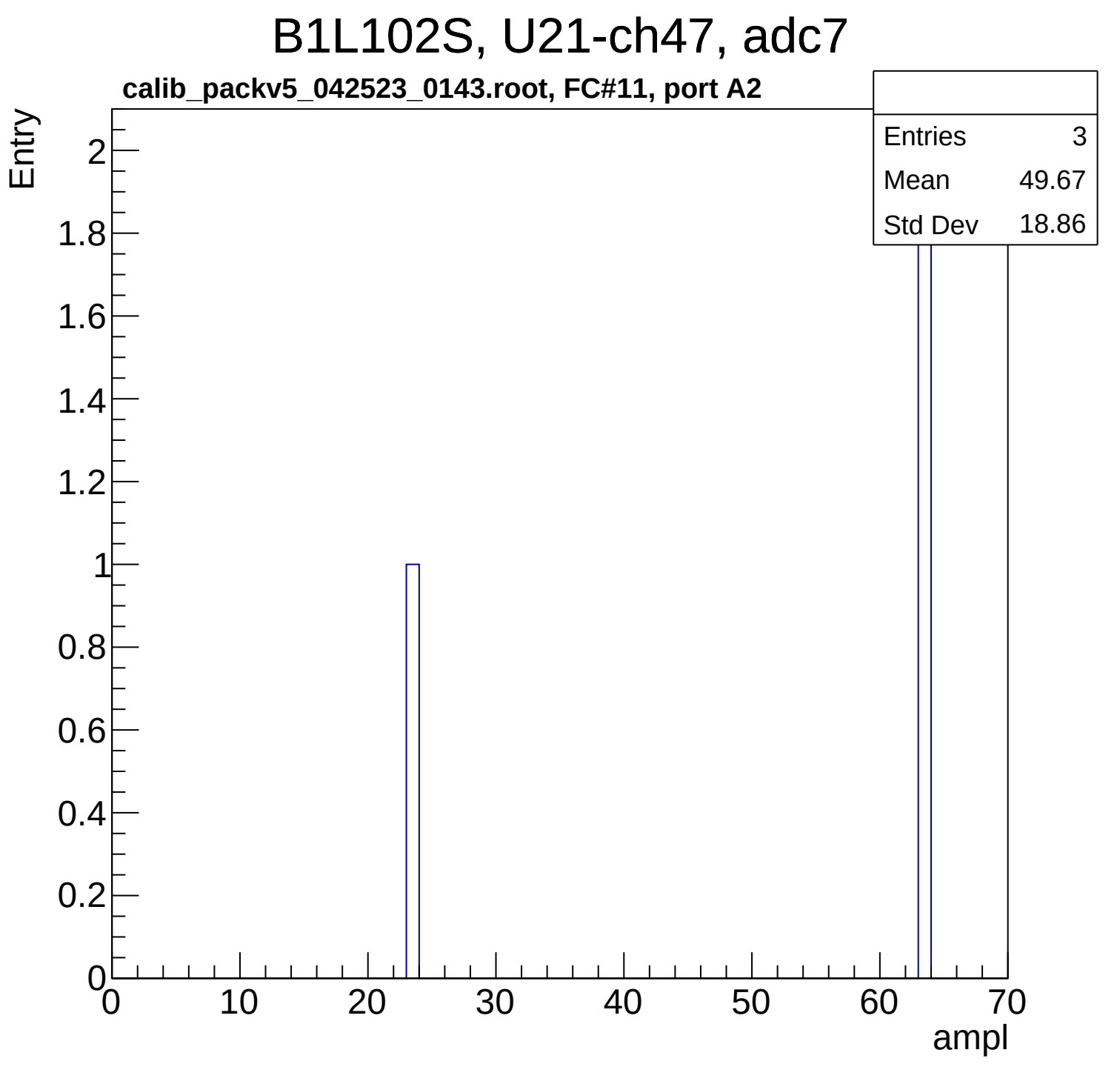

B1L102S, U21-ch47, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 42.38
Std Dev 3.671
Gaus mean : 42.2996
Gaus Width: 3.6141
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

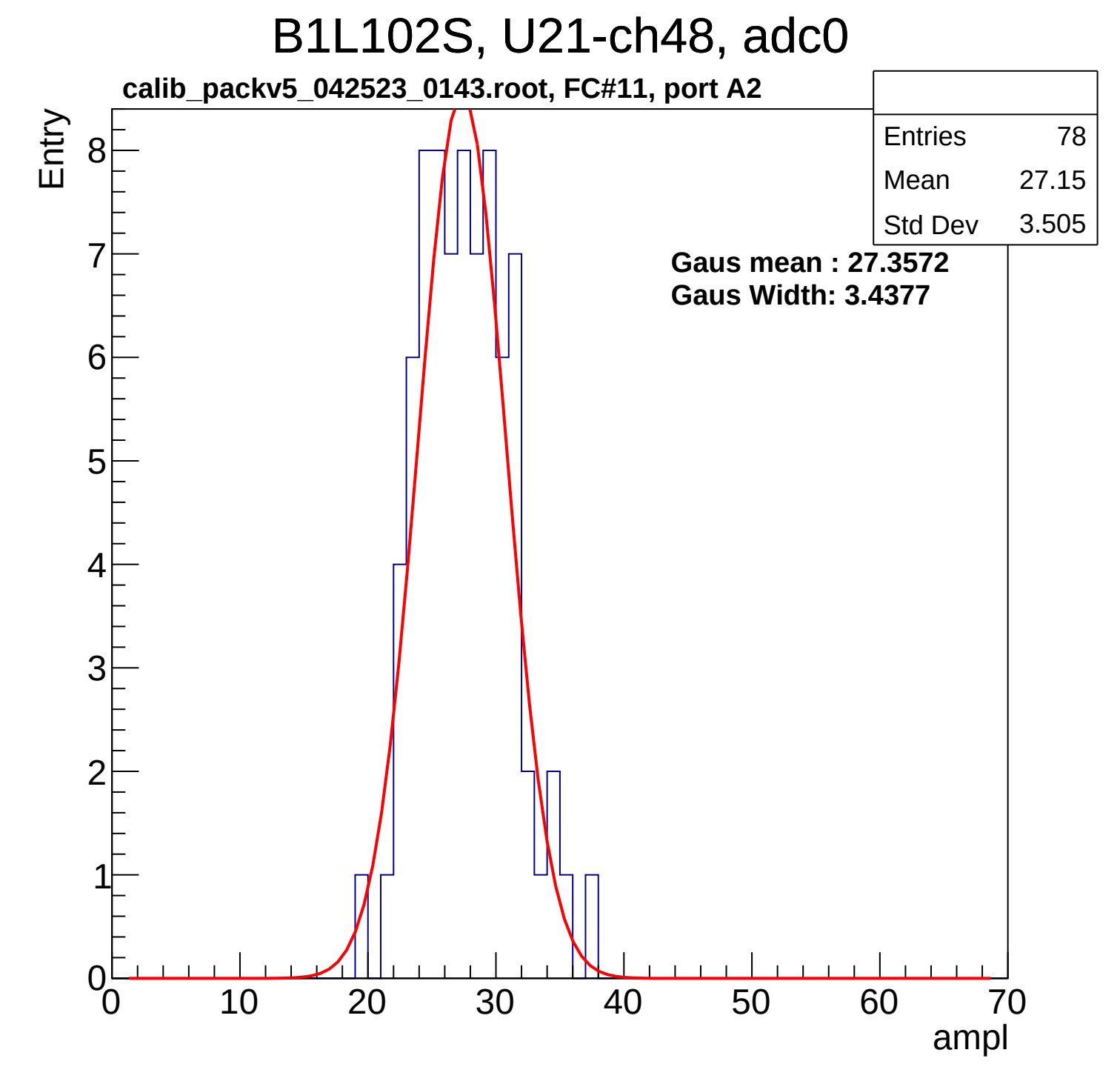

B1L102S, U21-ch47, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 47.86
Std Dev 3.4
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

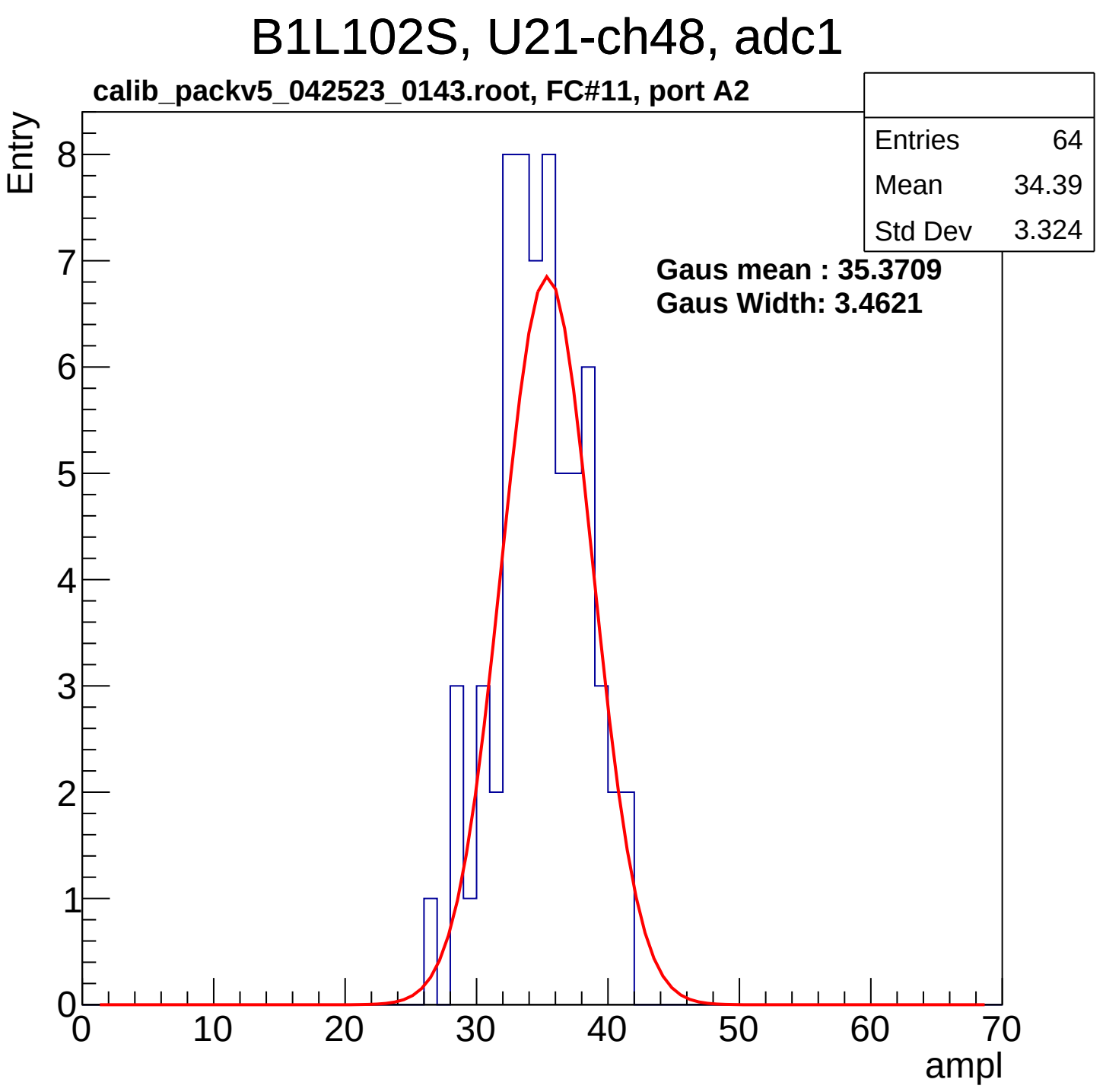

B1L102S, U21-ch47, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 53.75
Std Dev 3.046
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

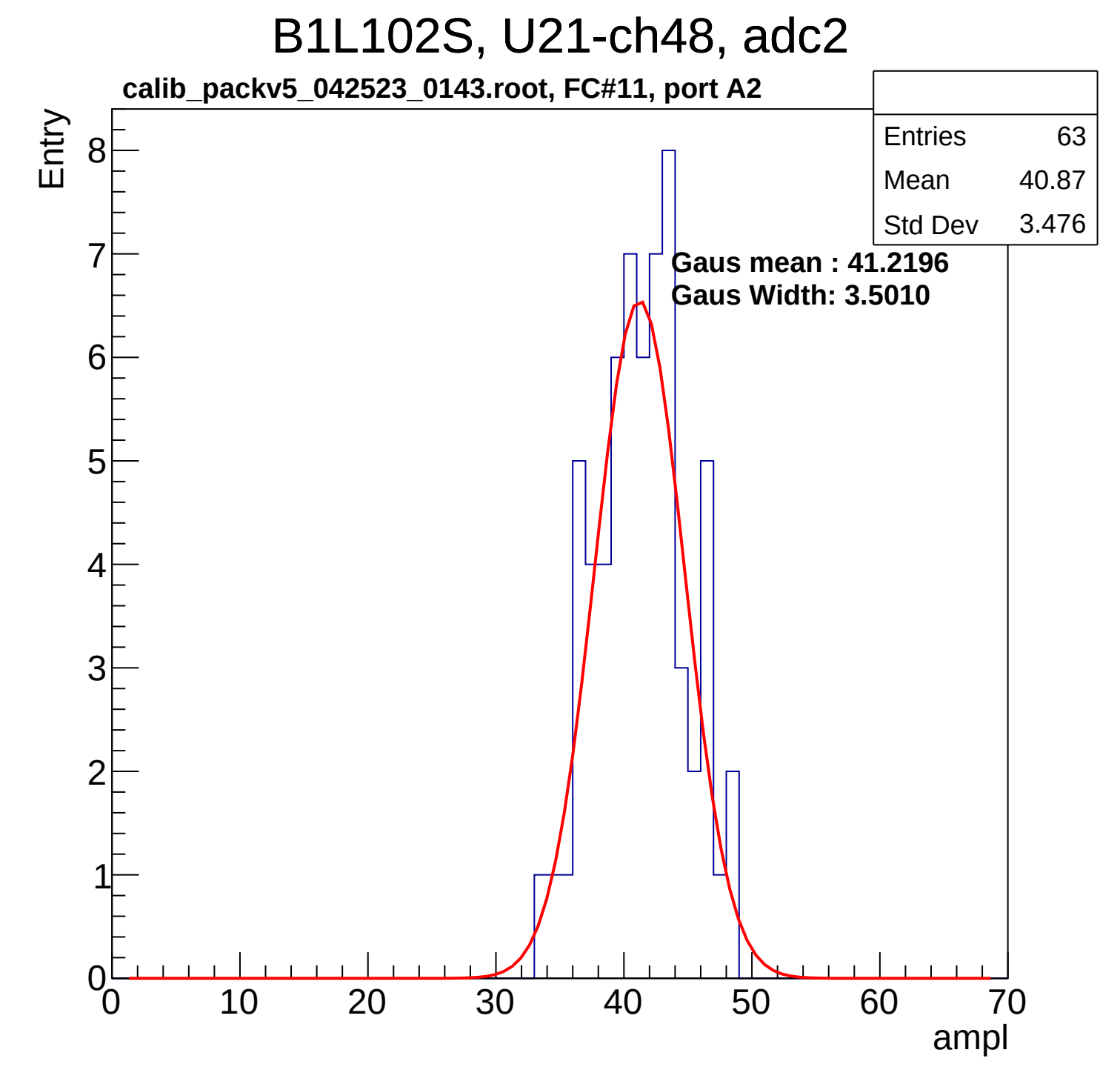

B1L102S, U21-ch47, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 59.31
Std Dev 2.3
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

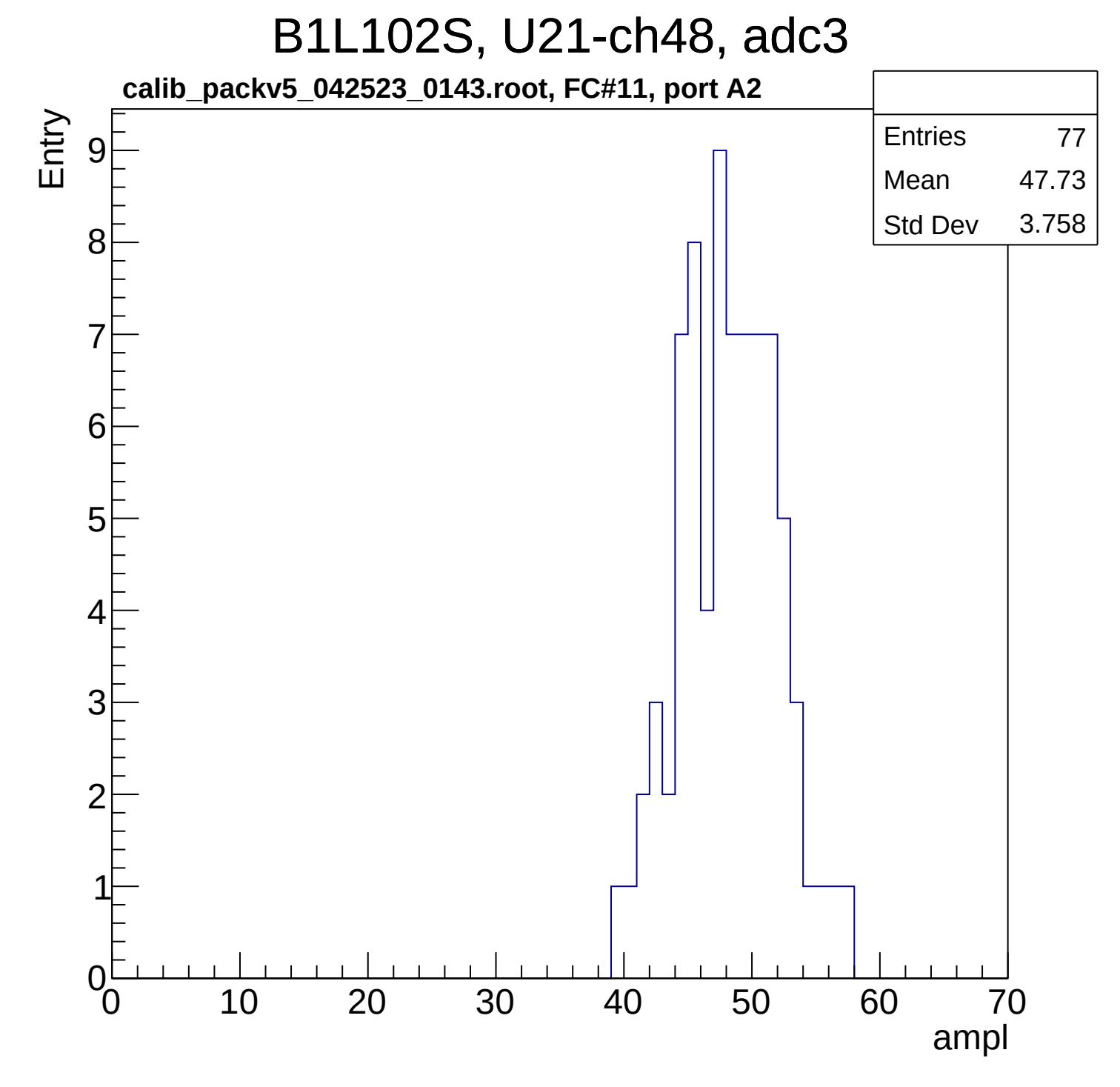

B1L102S, U21-ch47, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 15
Mean 57
Std Dev 15.31
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

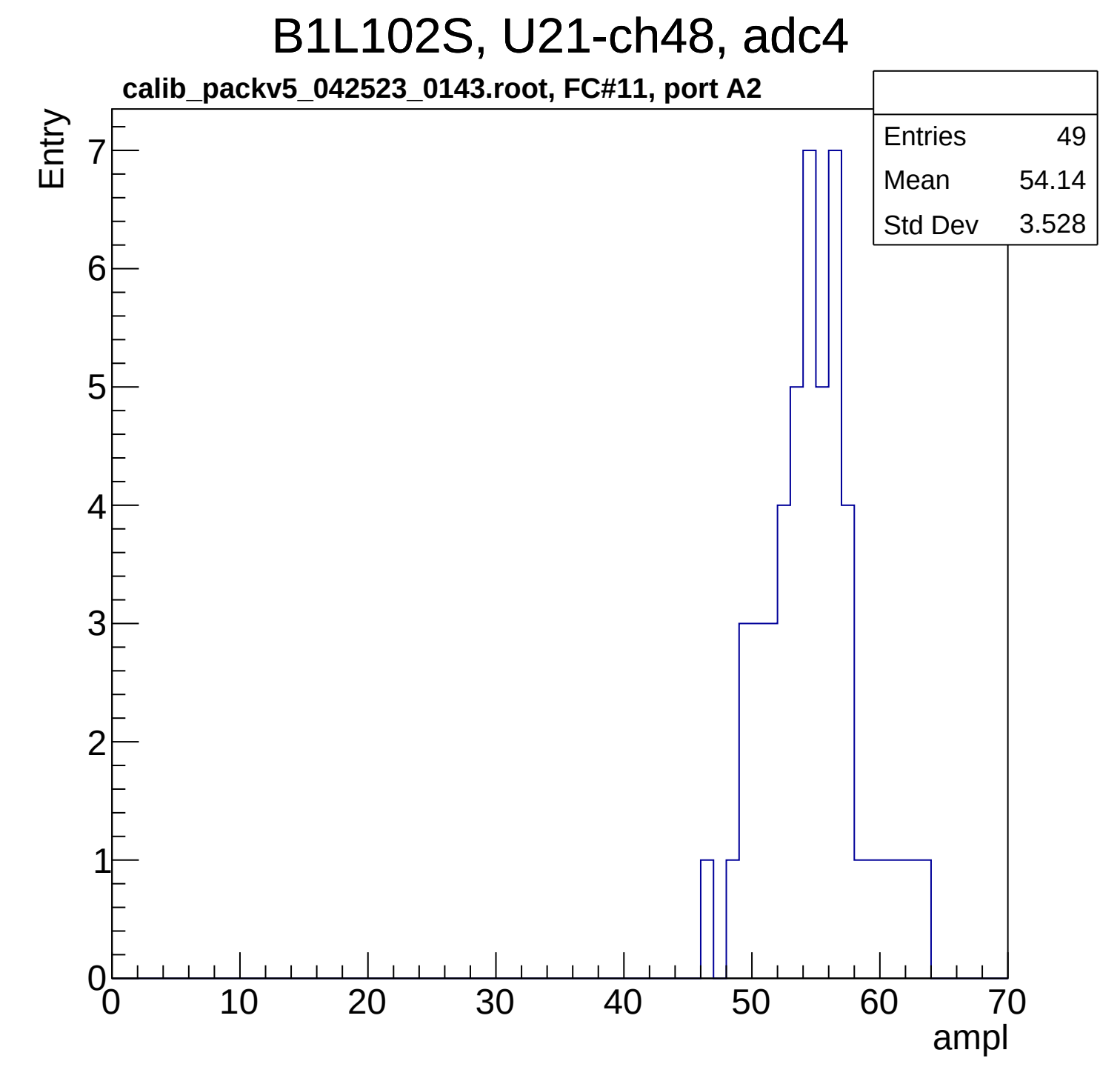

B1L102S, U21-ch47, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 49.67
Std Dev 18.86
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

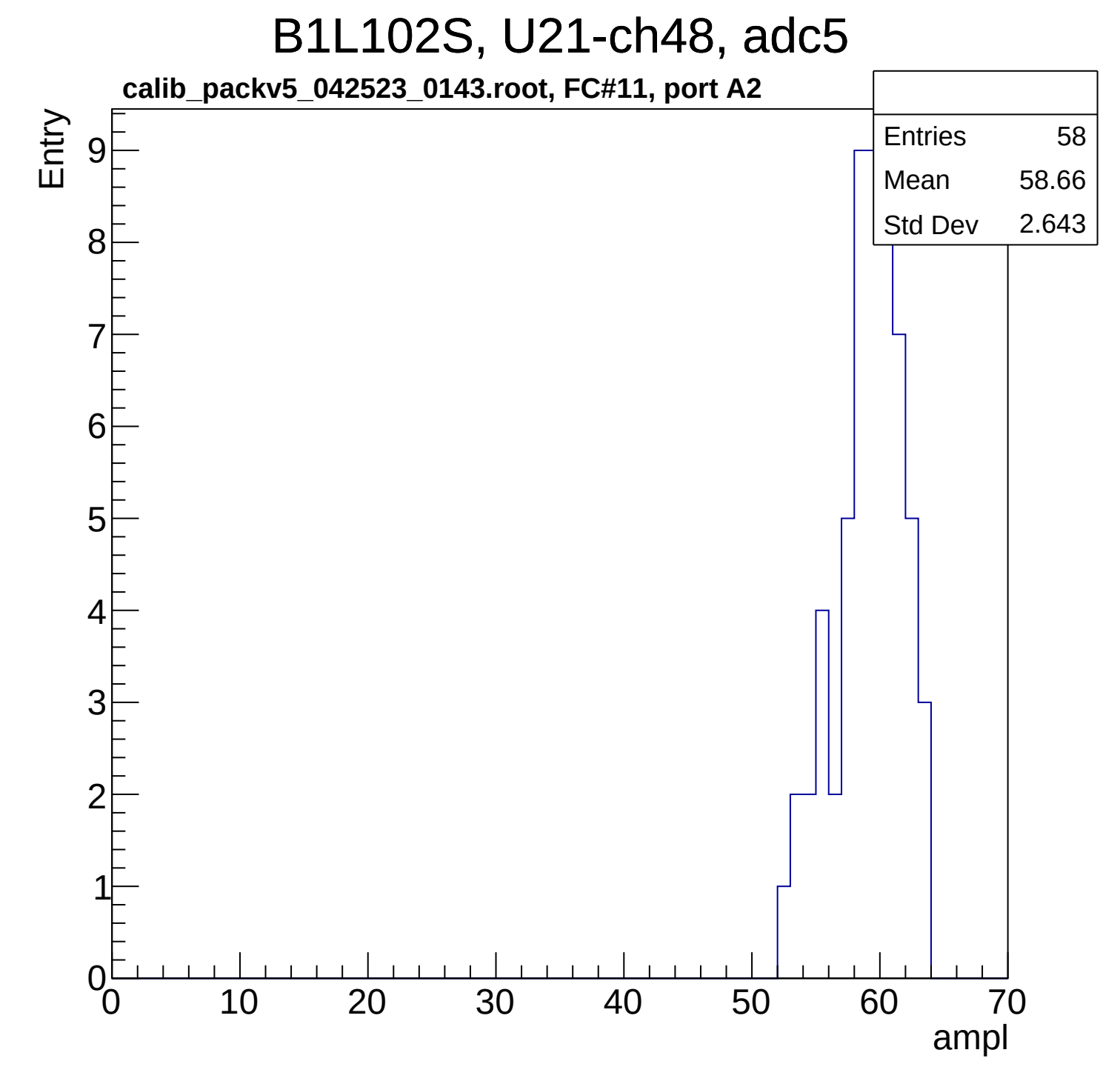

B1L102S, U21-ch48, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 78
Mean 27.15
Std Dev 3.505
Gaus mean : 27.3572
Gaus Width: 3.4377
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch48, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 34.39
Std Dev 3.324
Gaus mean : 35.3709
Gaus Width: 3.4621
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch48, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 40.87
Std Dev 3.476
Gaus mean : 41.2196
Gaus Width: 3.5010
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch48, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 47.73
Std Dev 3.758
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch48, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 54.14
Std Dev 3.528
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch48, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 58.66
Std Dev 2.643
Entry
ampl
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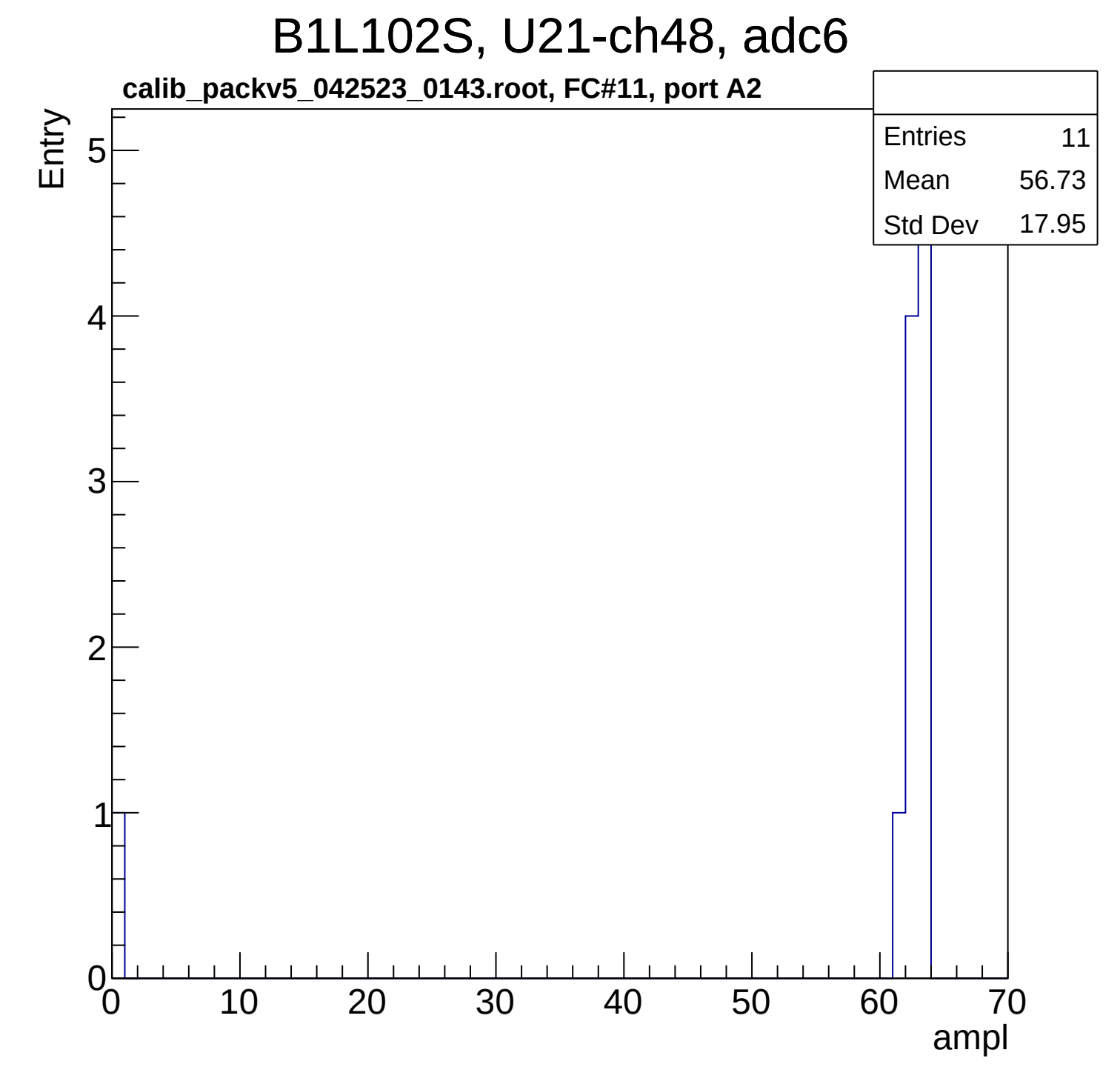
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch48, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 11
Mean 56.73
Std Dev 17.95
Entry
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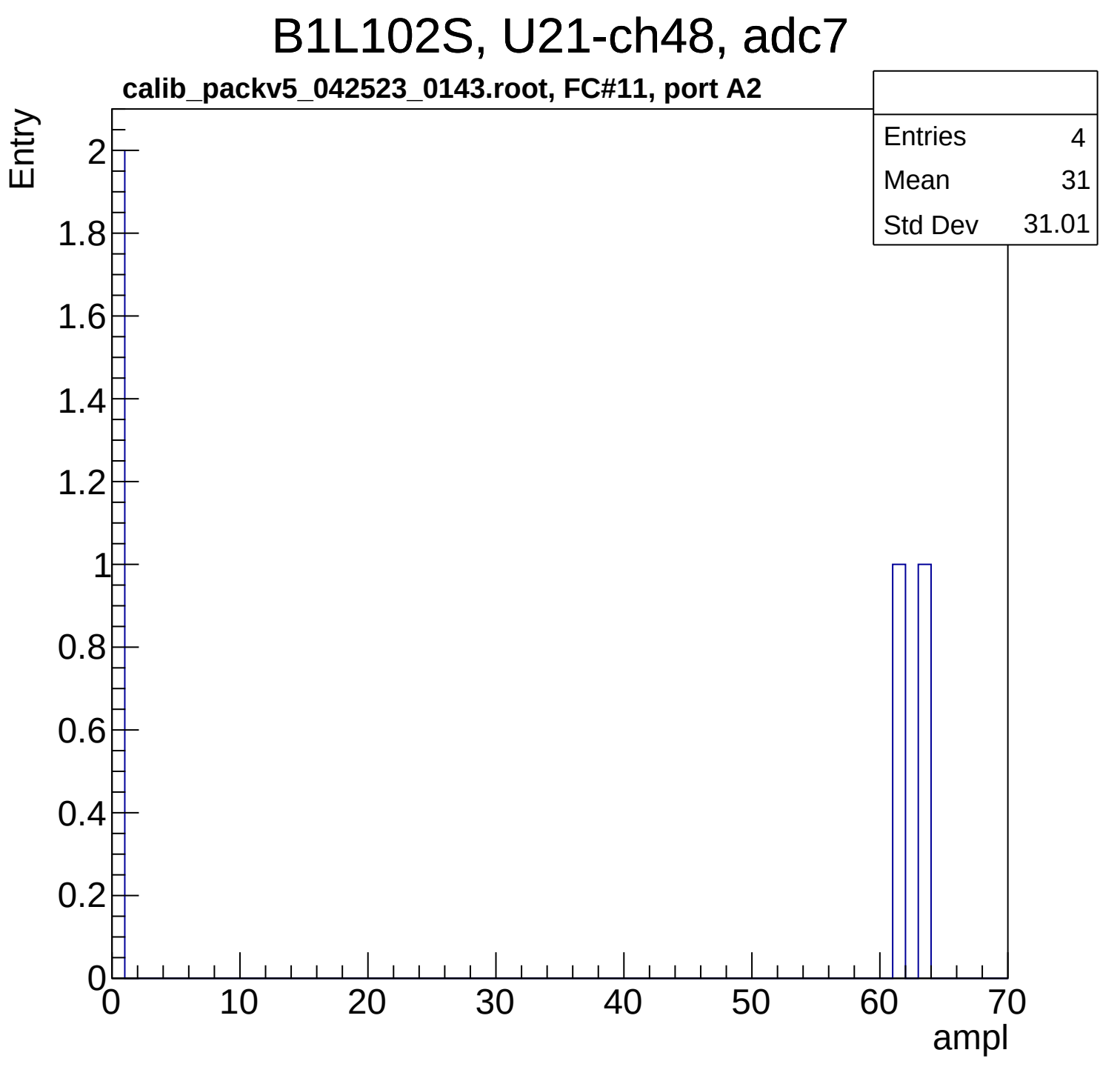
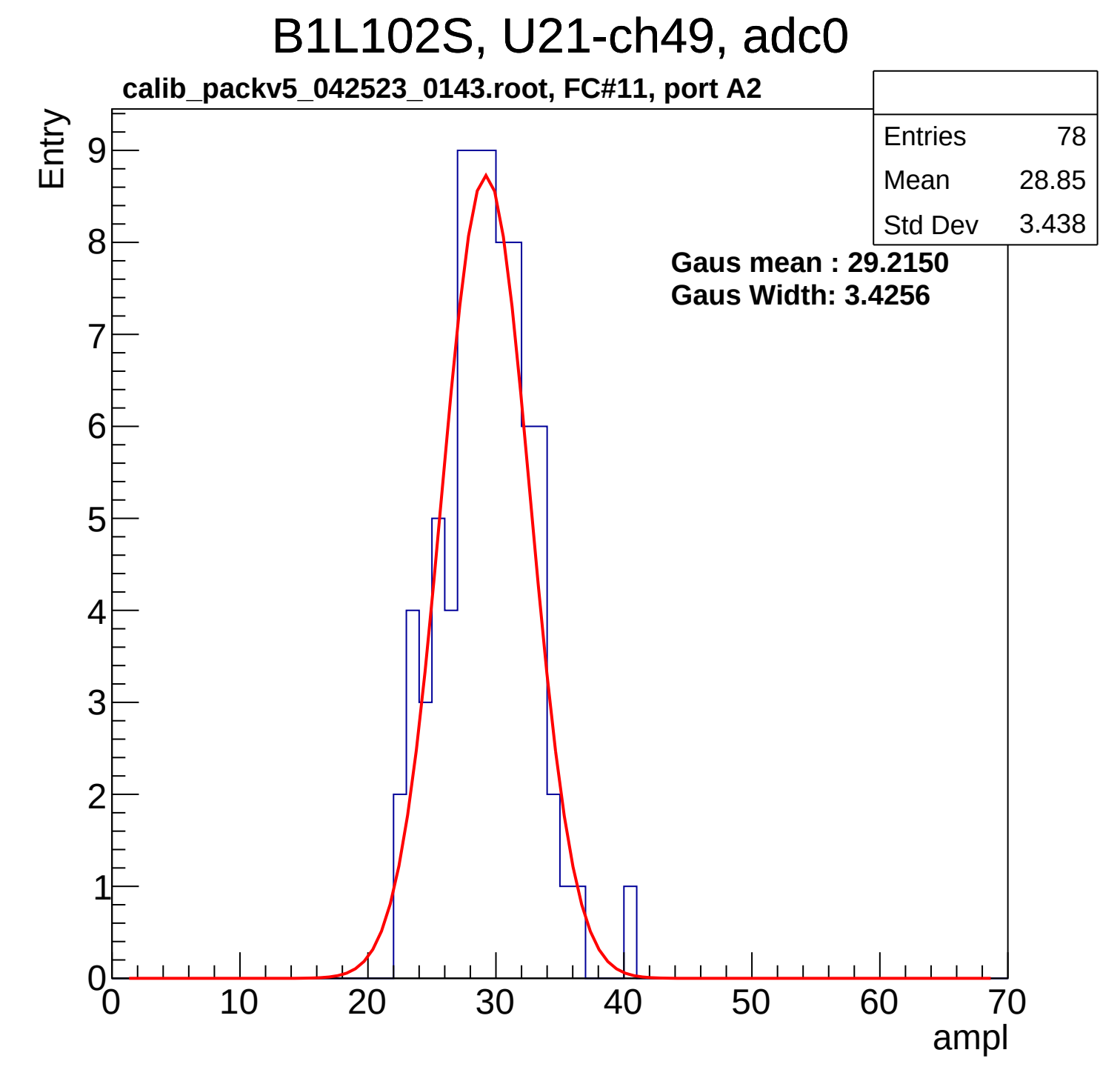
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch48, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 31
Std Dev 31.01
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L102S, U21-ch49, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 78
Mean 28.85
Std Dev 3.438
Gaus mean : 29.2150
Gaus Width: 3.4256
Entry
ampl
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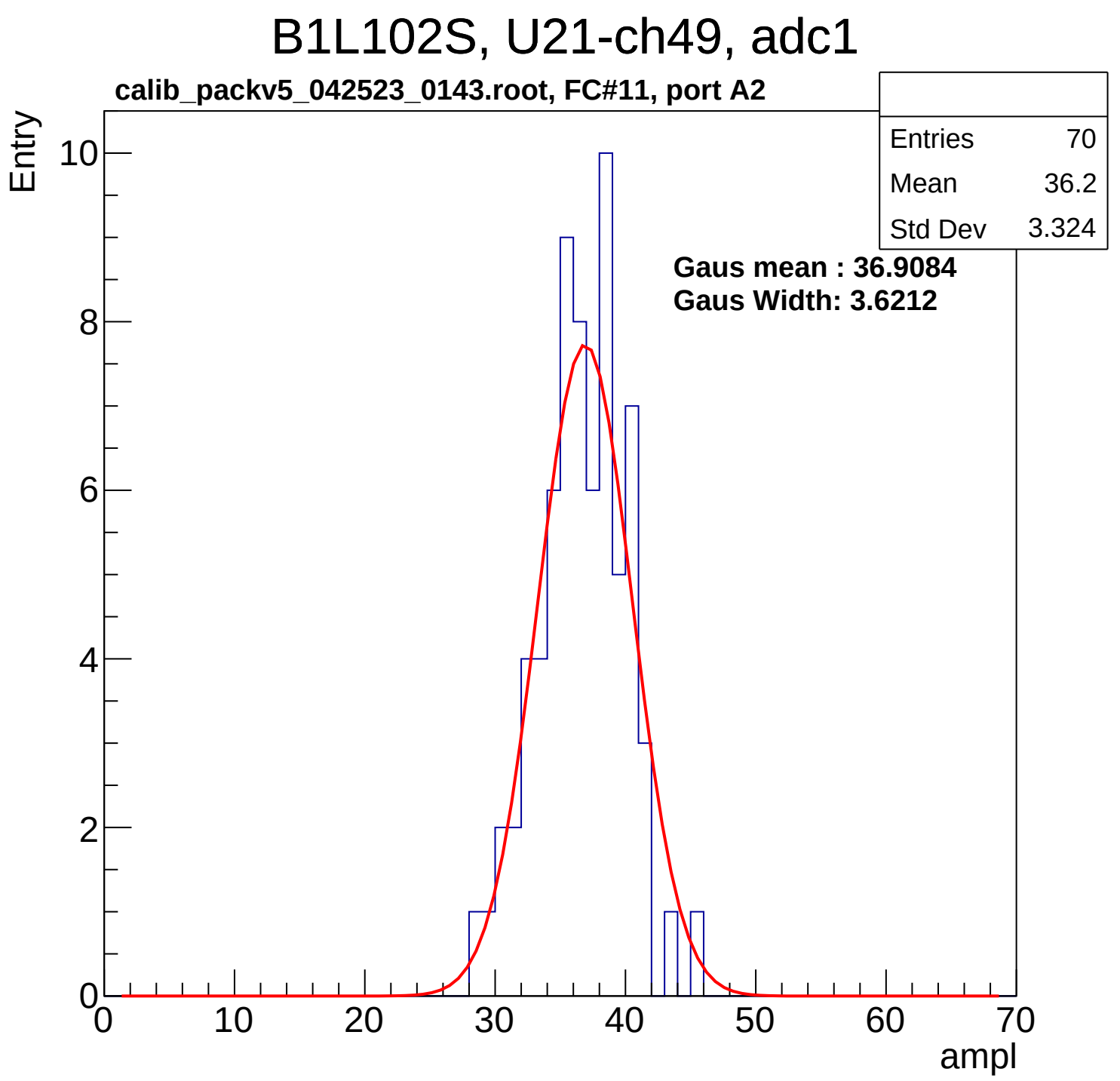
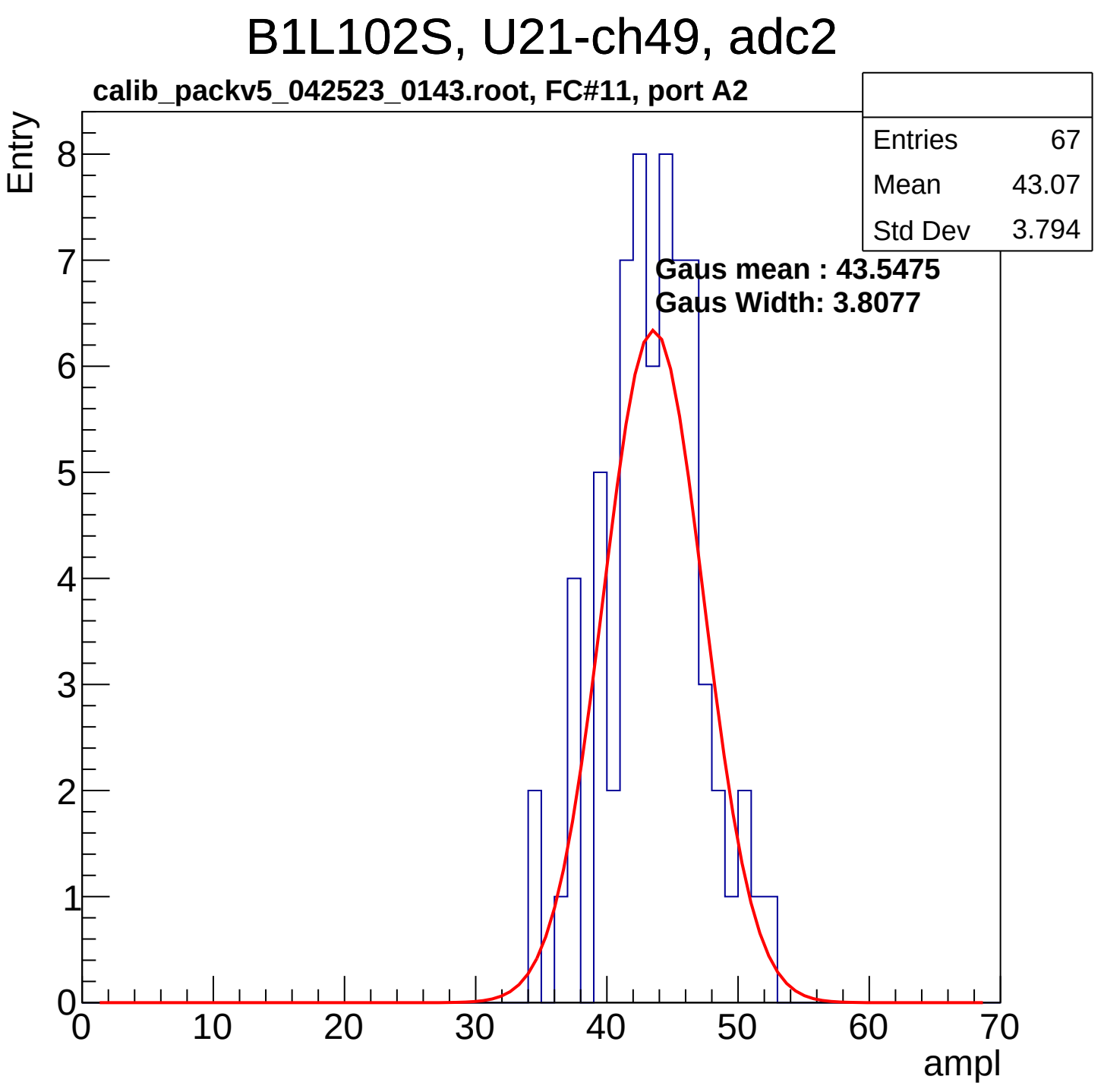
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch49, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 36.2
Std Dev 3.324
Gaus mean : 36.9084
Gaus Width: 3.6212
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch49, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 43.07
Std Dev 3.794
Gaus mean : 43.5475
Gaus Width: 3.8077
Entry
ampl
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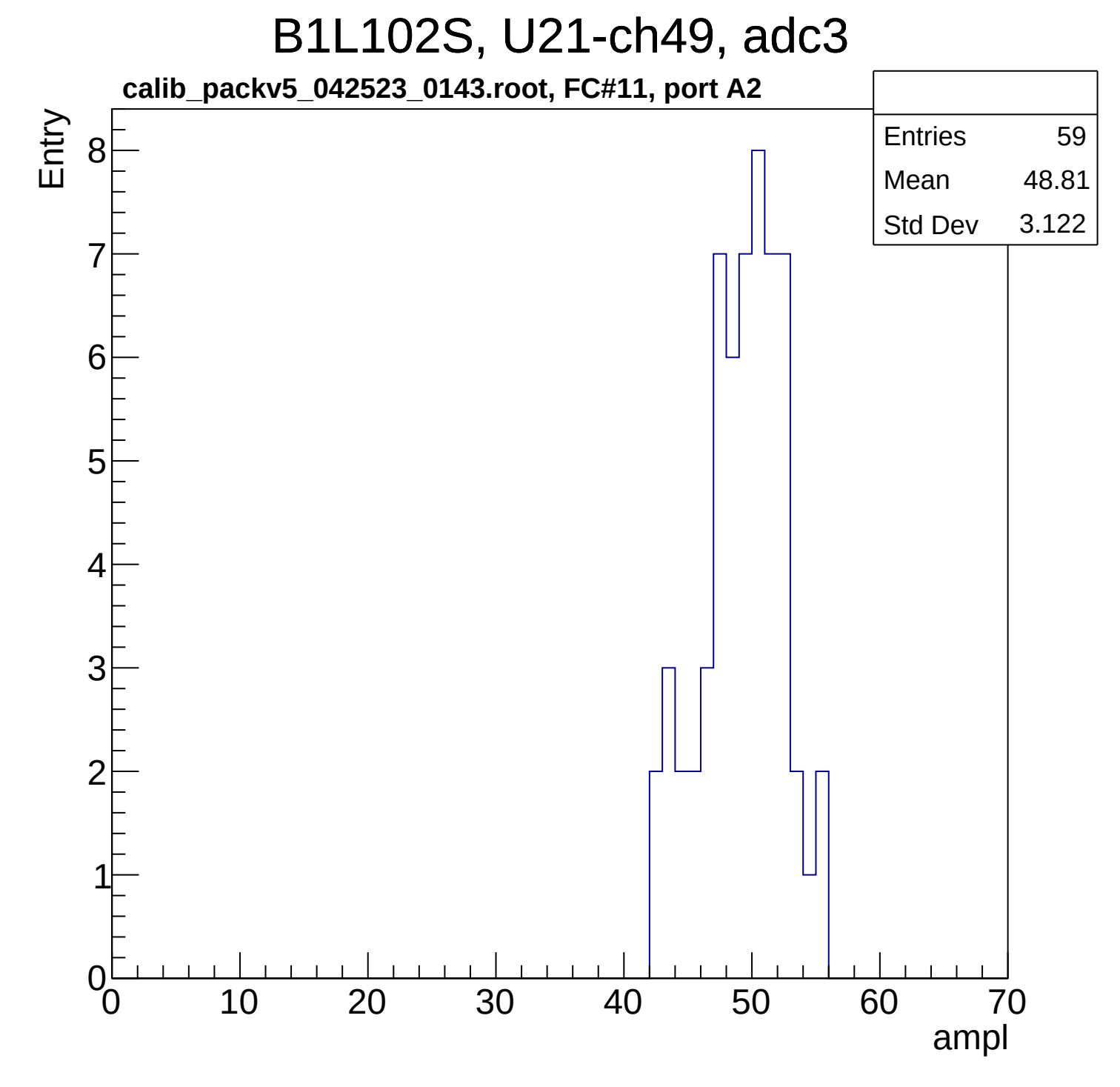
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch49, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 48.81
Std Dev 3.122
Entry
ampl
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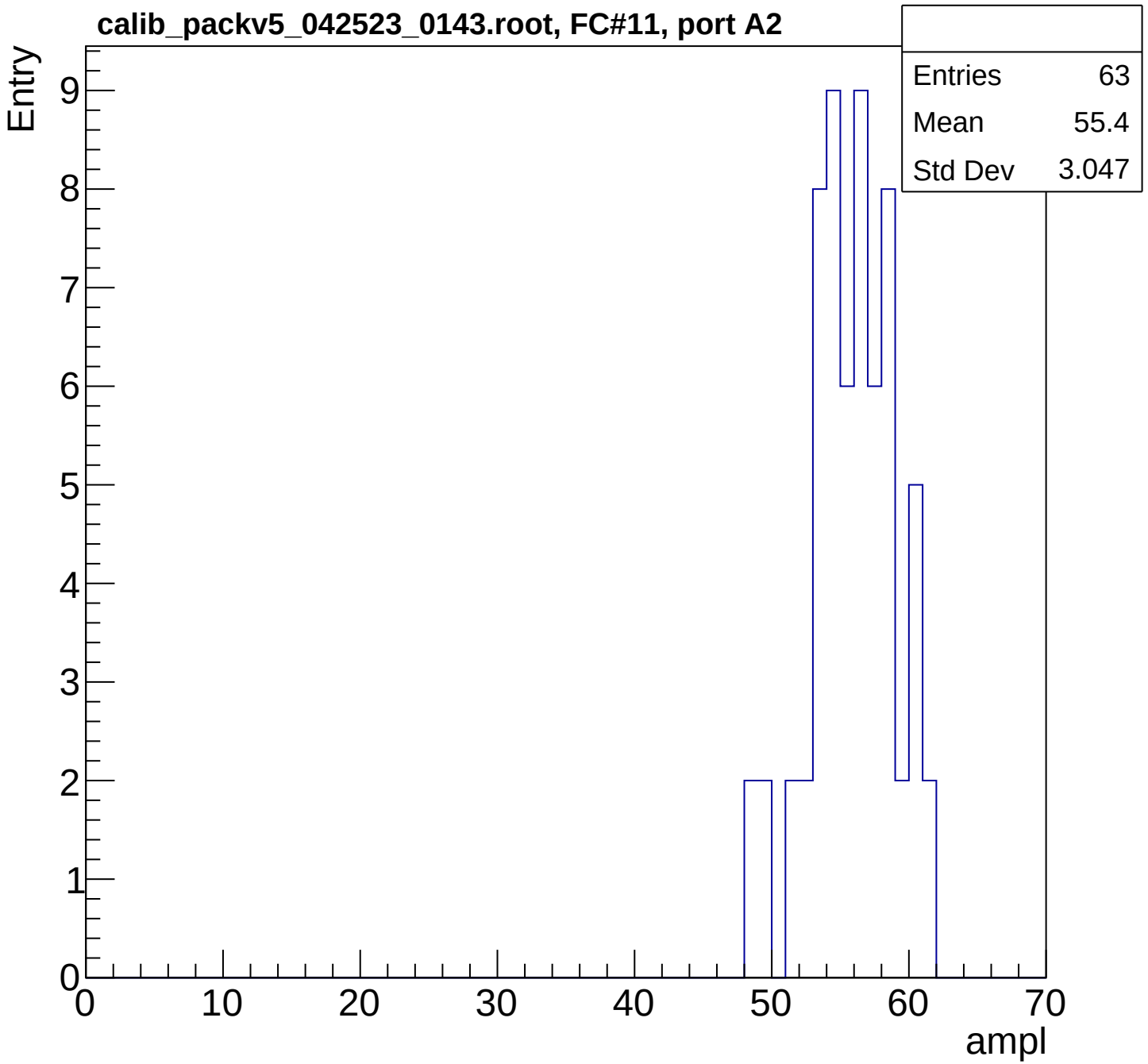
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch49, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 55.4
Std Dev 3.047
Entry
0
1
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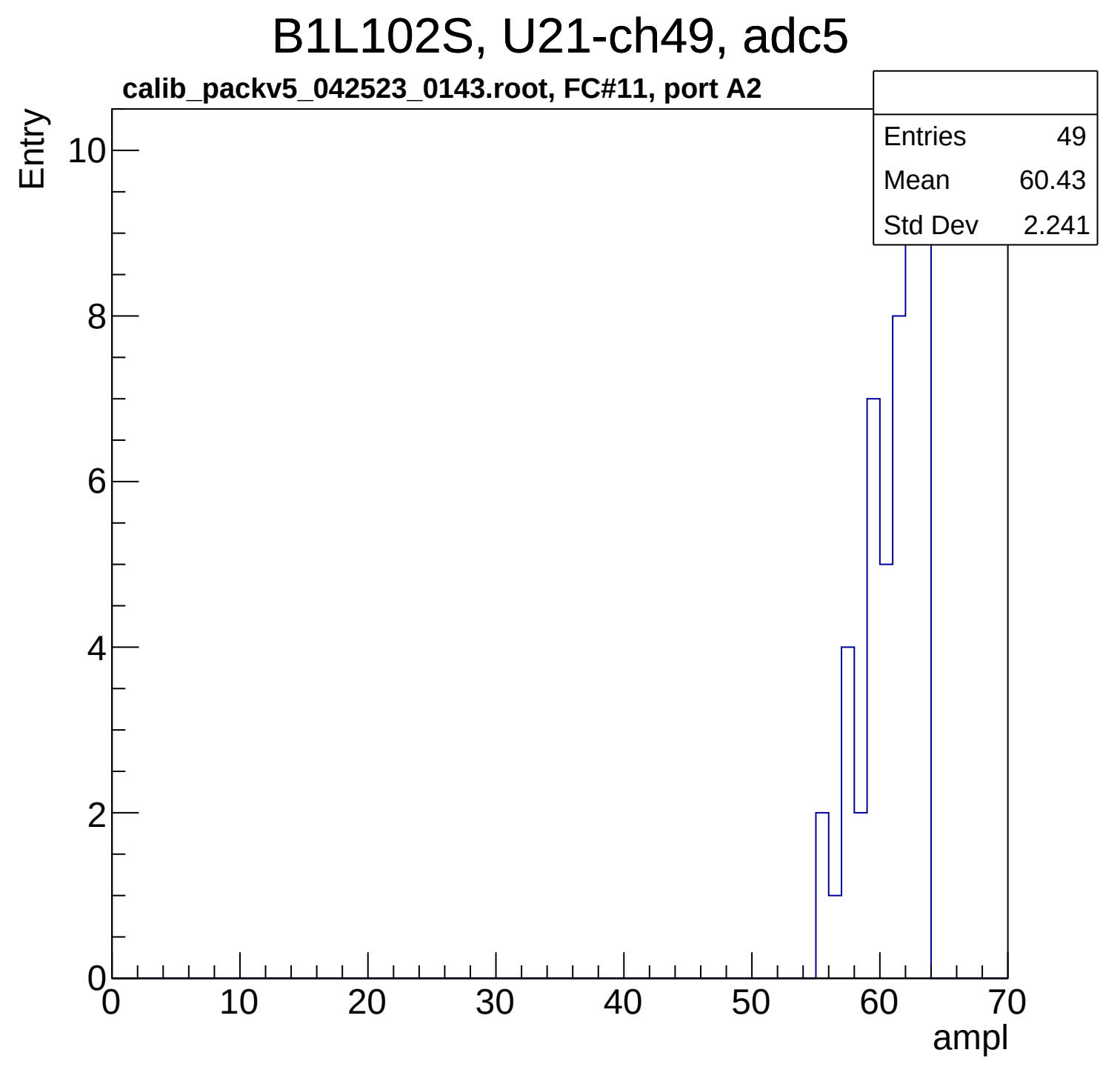
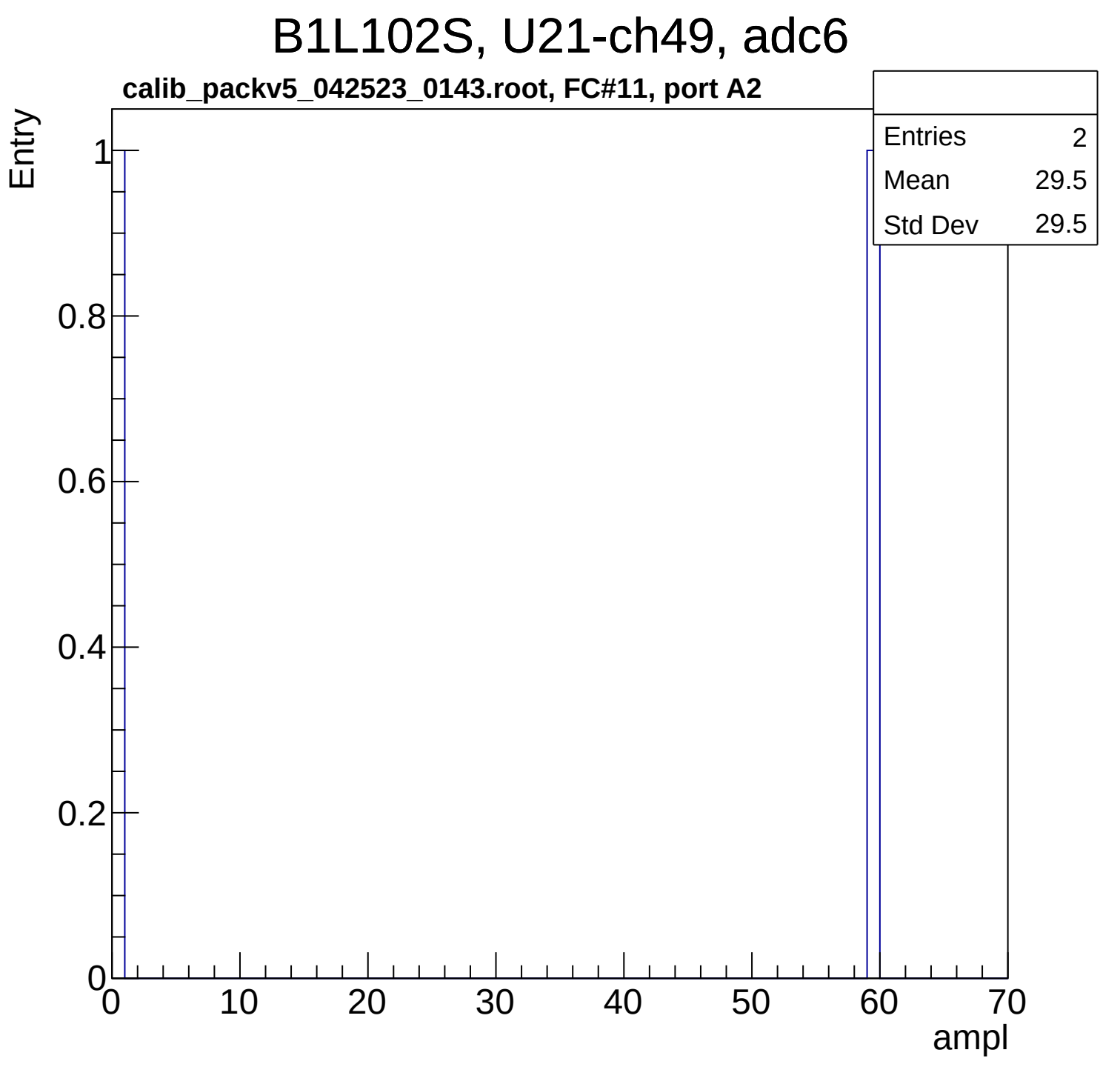
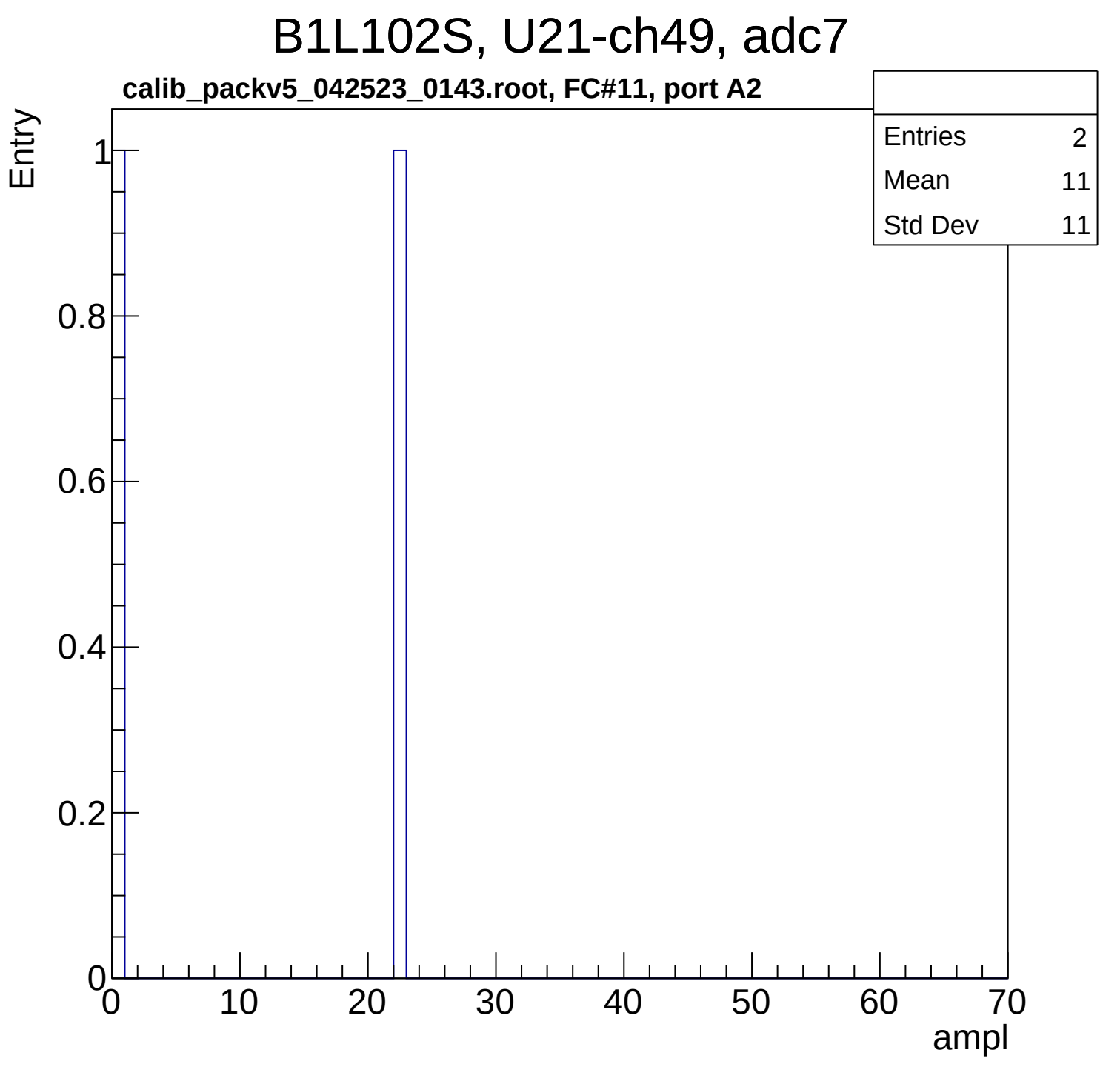
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch49, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 60.43
Std Dev 2.241
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch49, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 29.5
Std Dev 29.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L102S, U21-ch49, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 11
Std Dev 11
Entry
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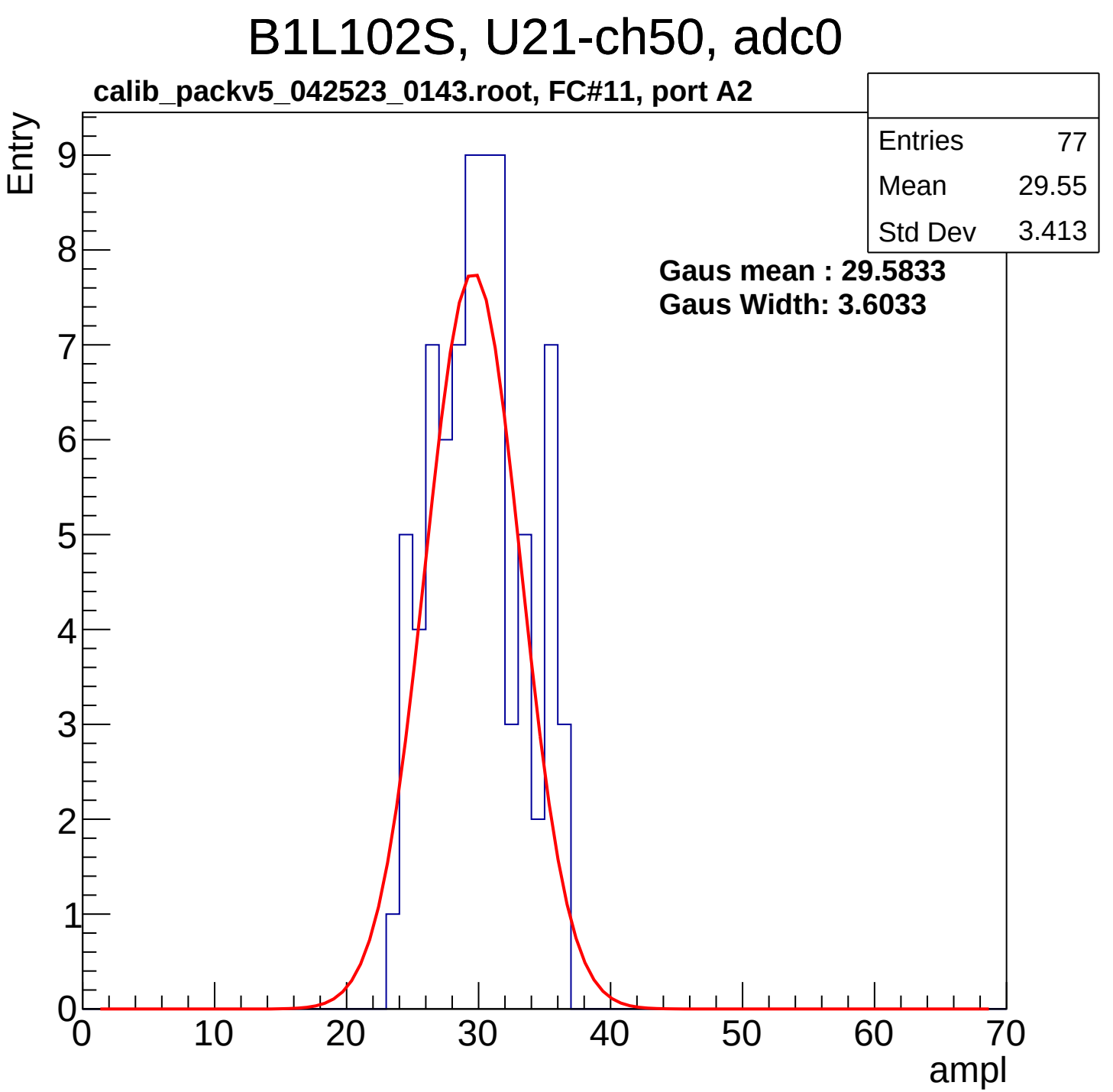
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch50, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 29.55
Std Dev 3.413
Gaus mean : 29.5833
Gaus Width: 3.6033
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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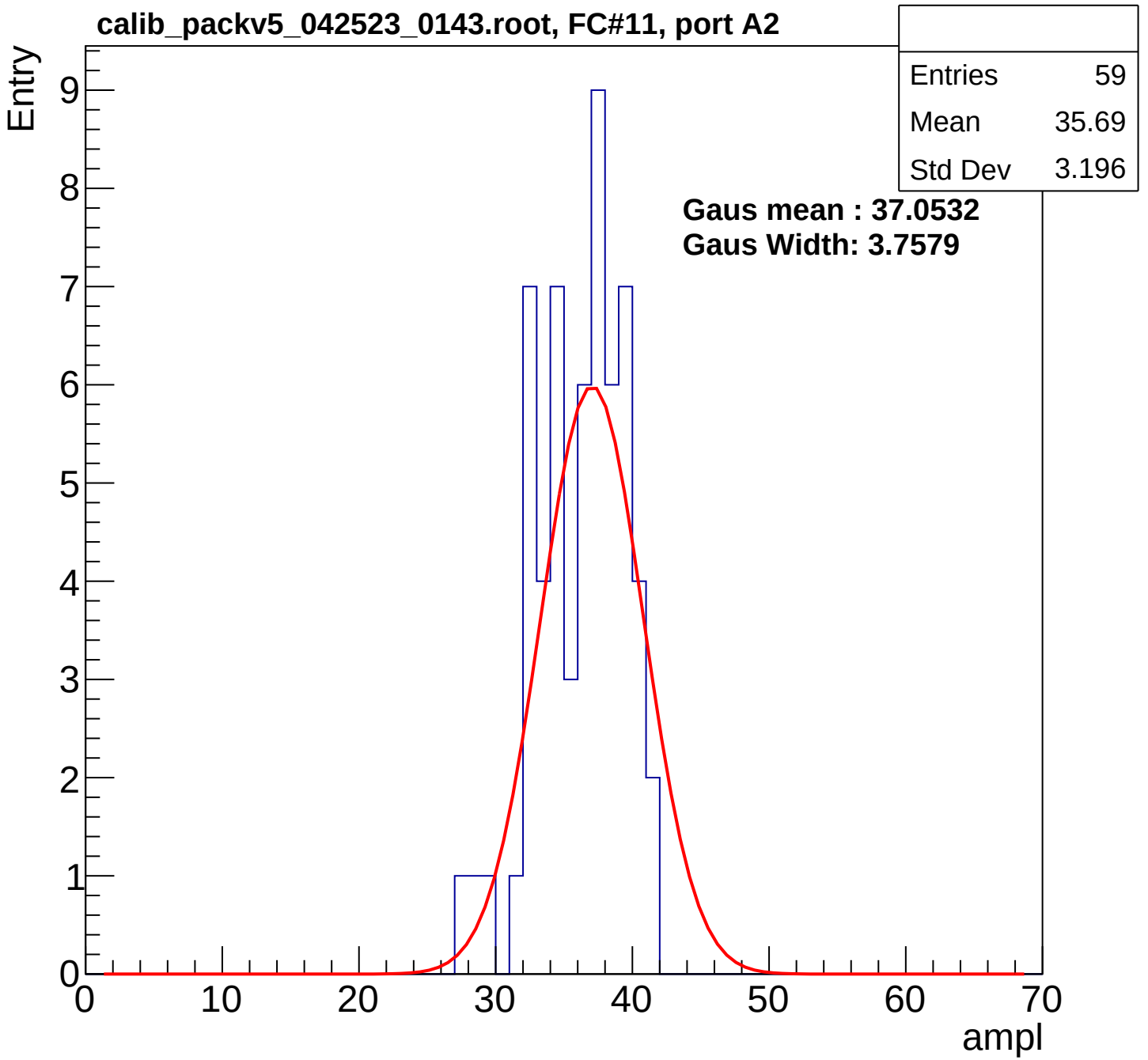
40
50
60
70


B1L102S, U21-ch50, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 35.69
Std Dev 3.196
Gaus mean : 37.0532
Gaus Width: 3.7579
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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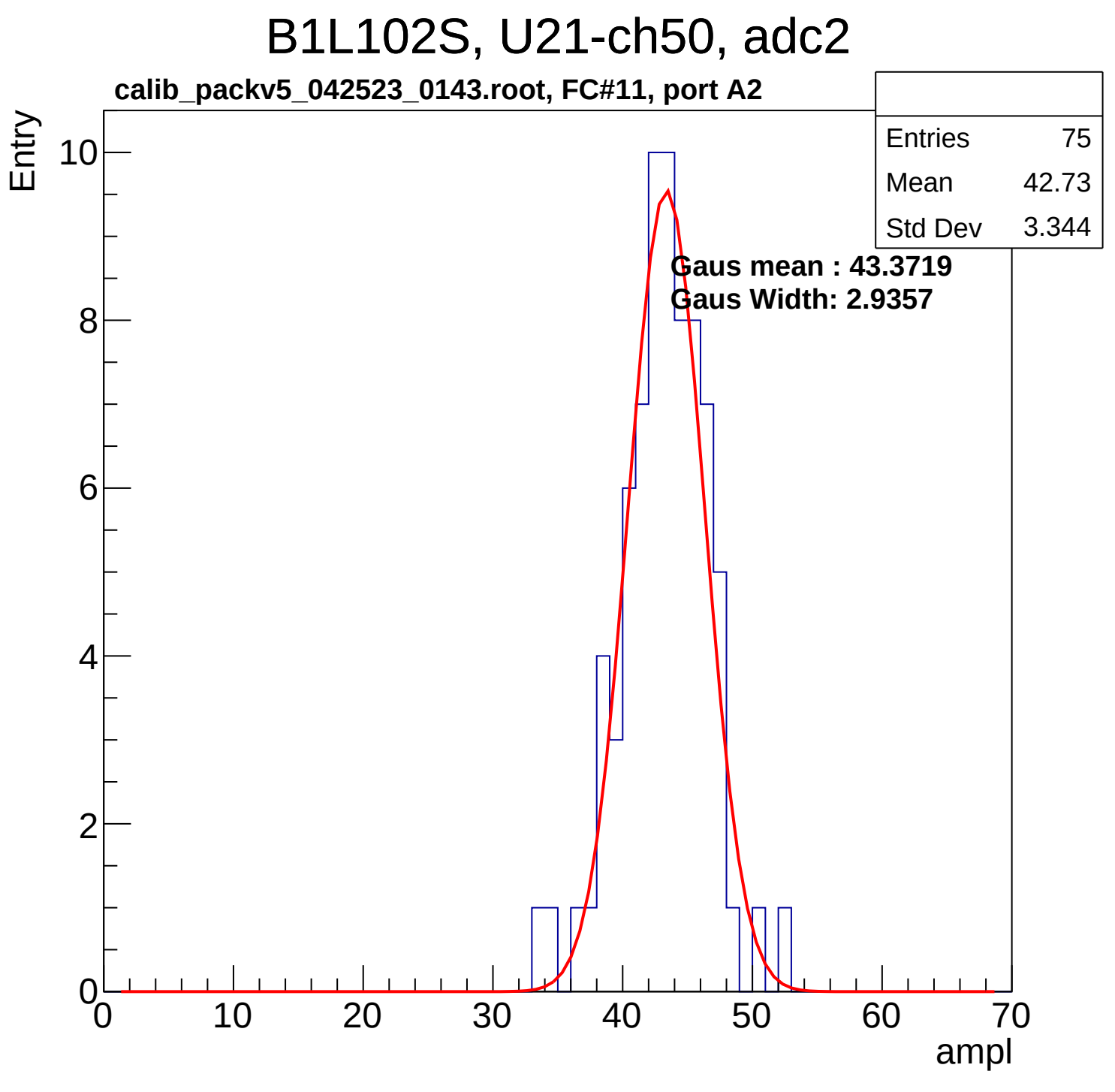
B1L102S, U21-ch50, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 42.73
Std Dev 3.344
Gaus mean : 43.3719
Gaus Width: 2.9357
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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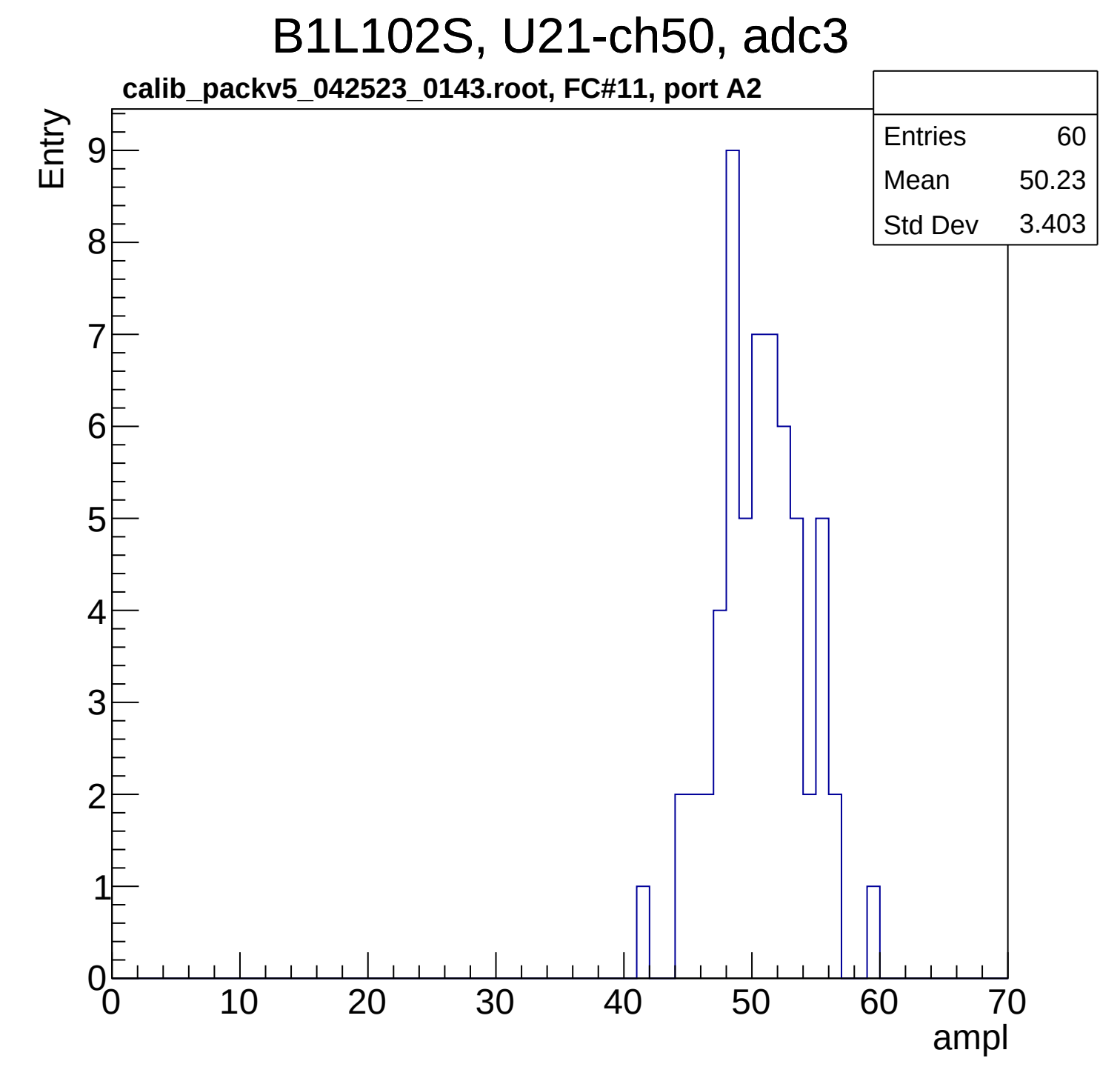
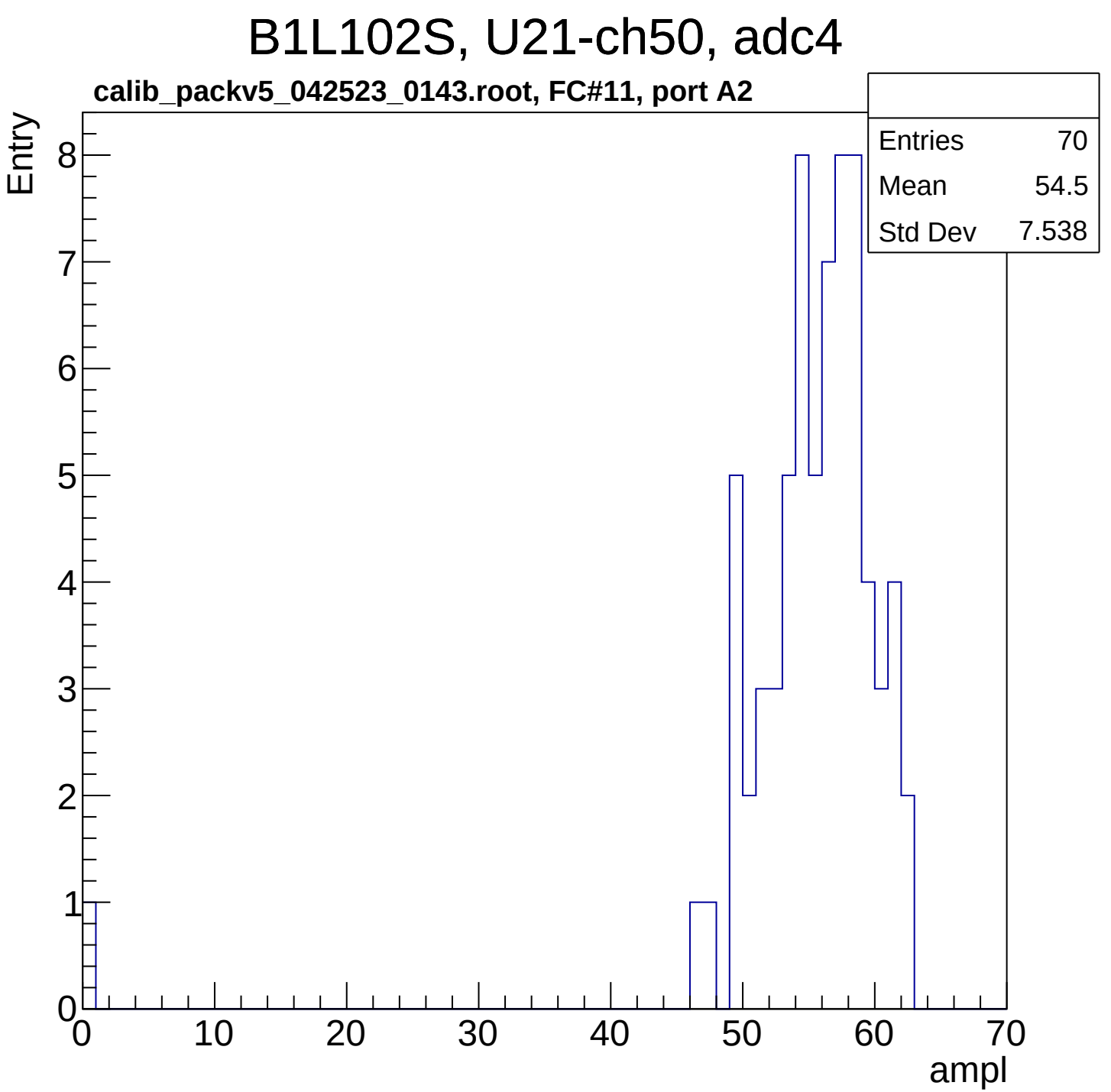

B1L102S, U21-ch50, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 50.23
Std Dev 3.403
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch50, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 54.5
Std Dev 7.538
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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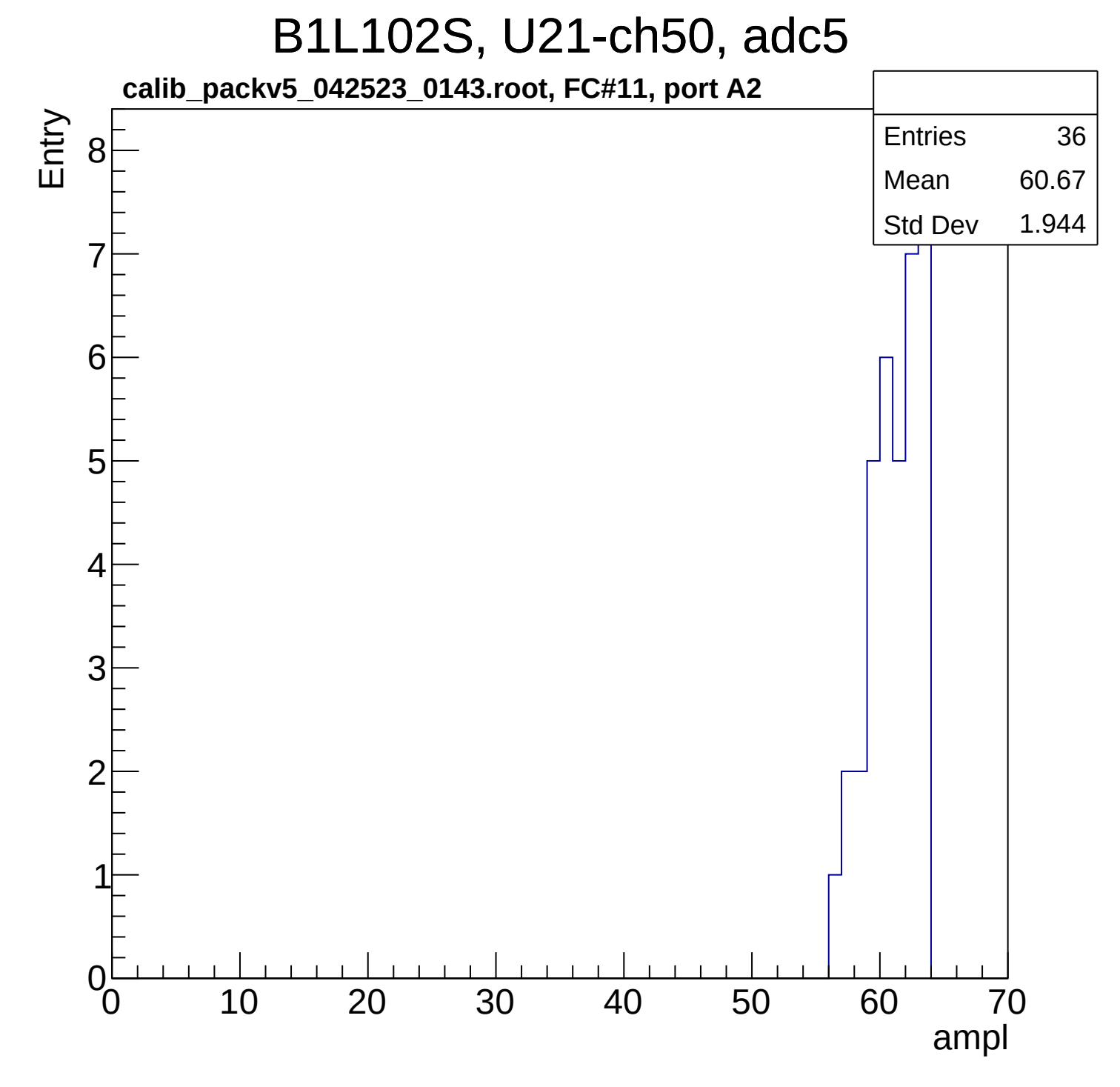
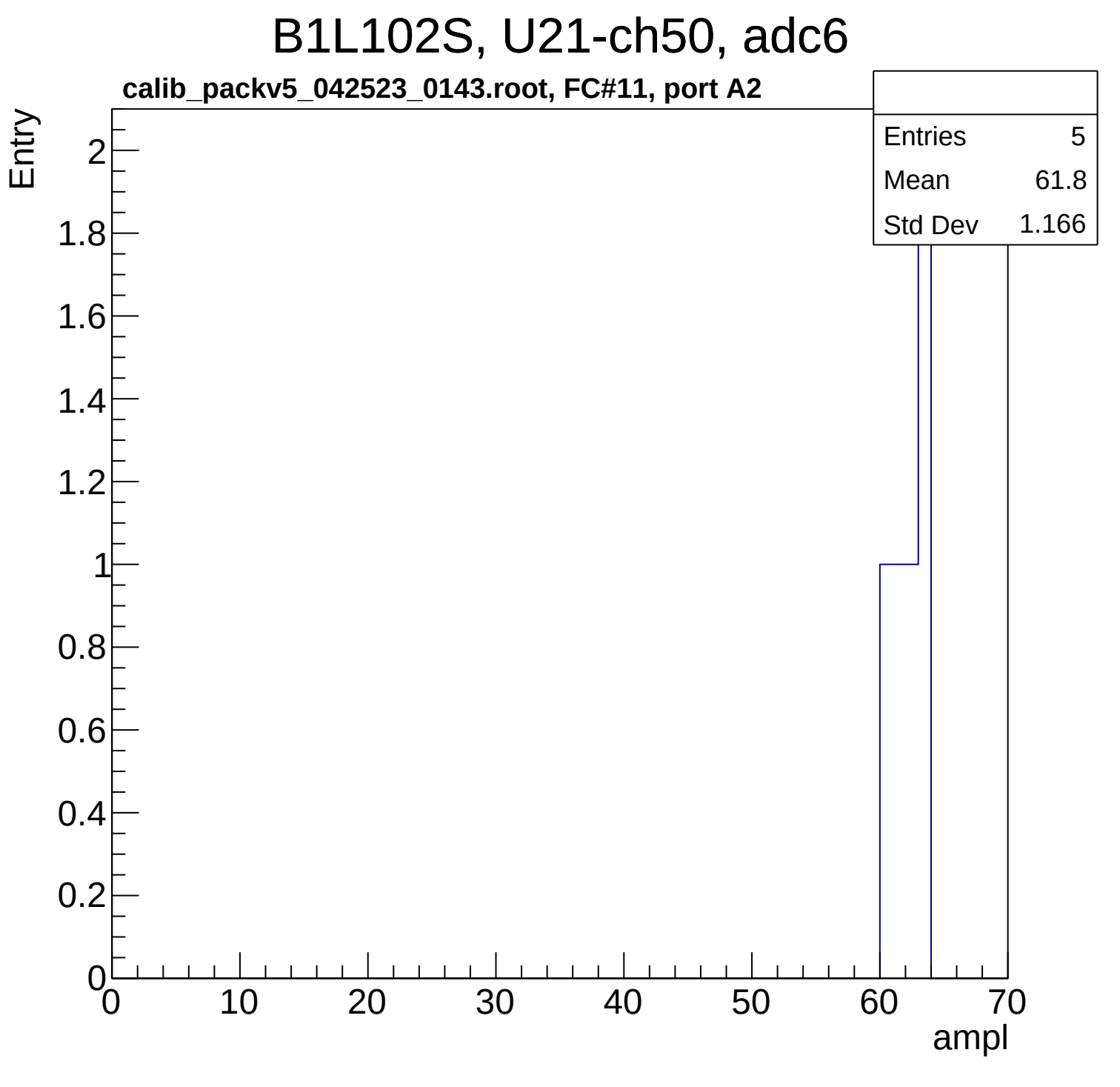
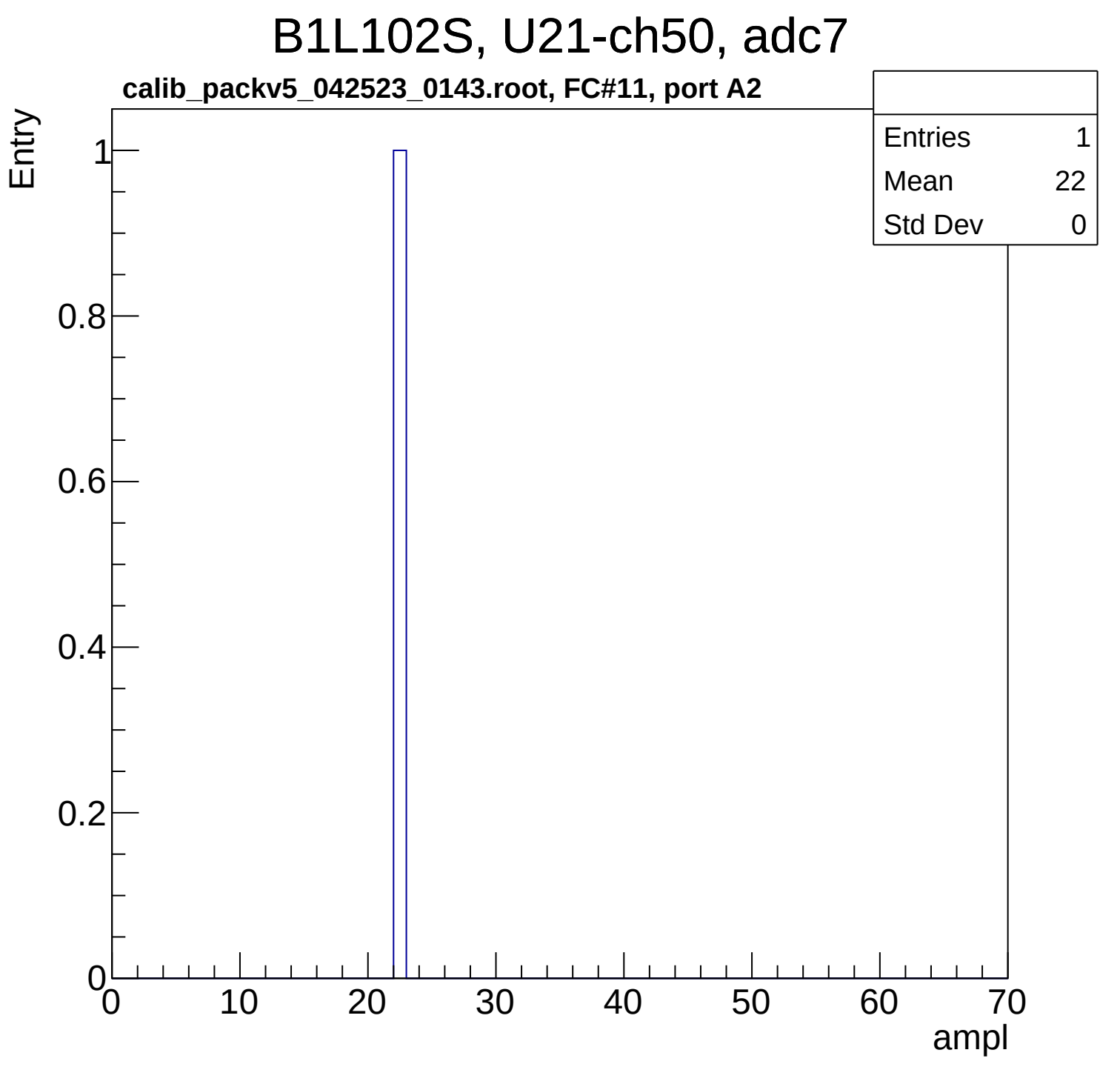
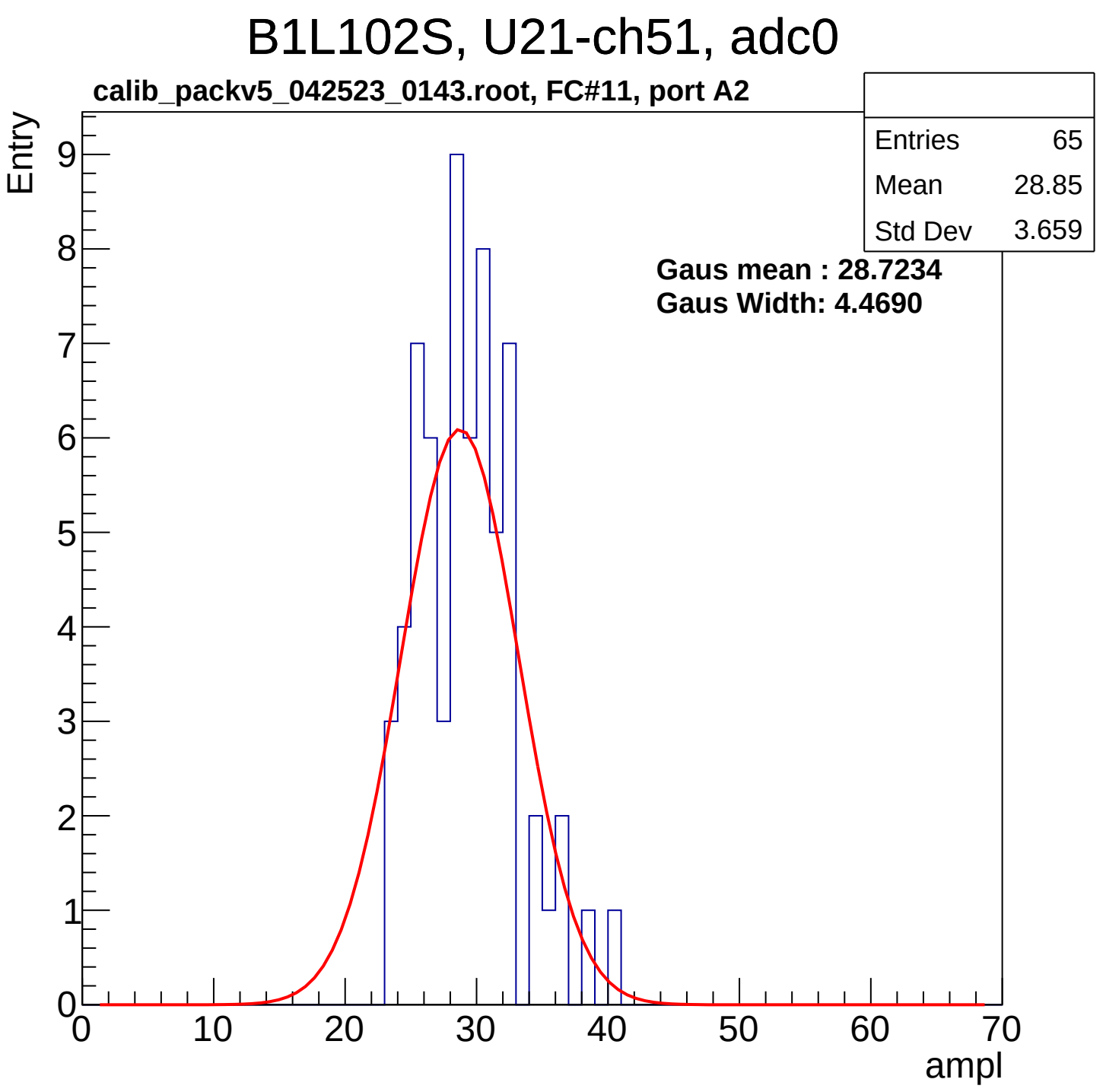
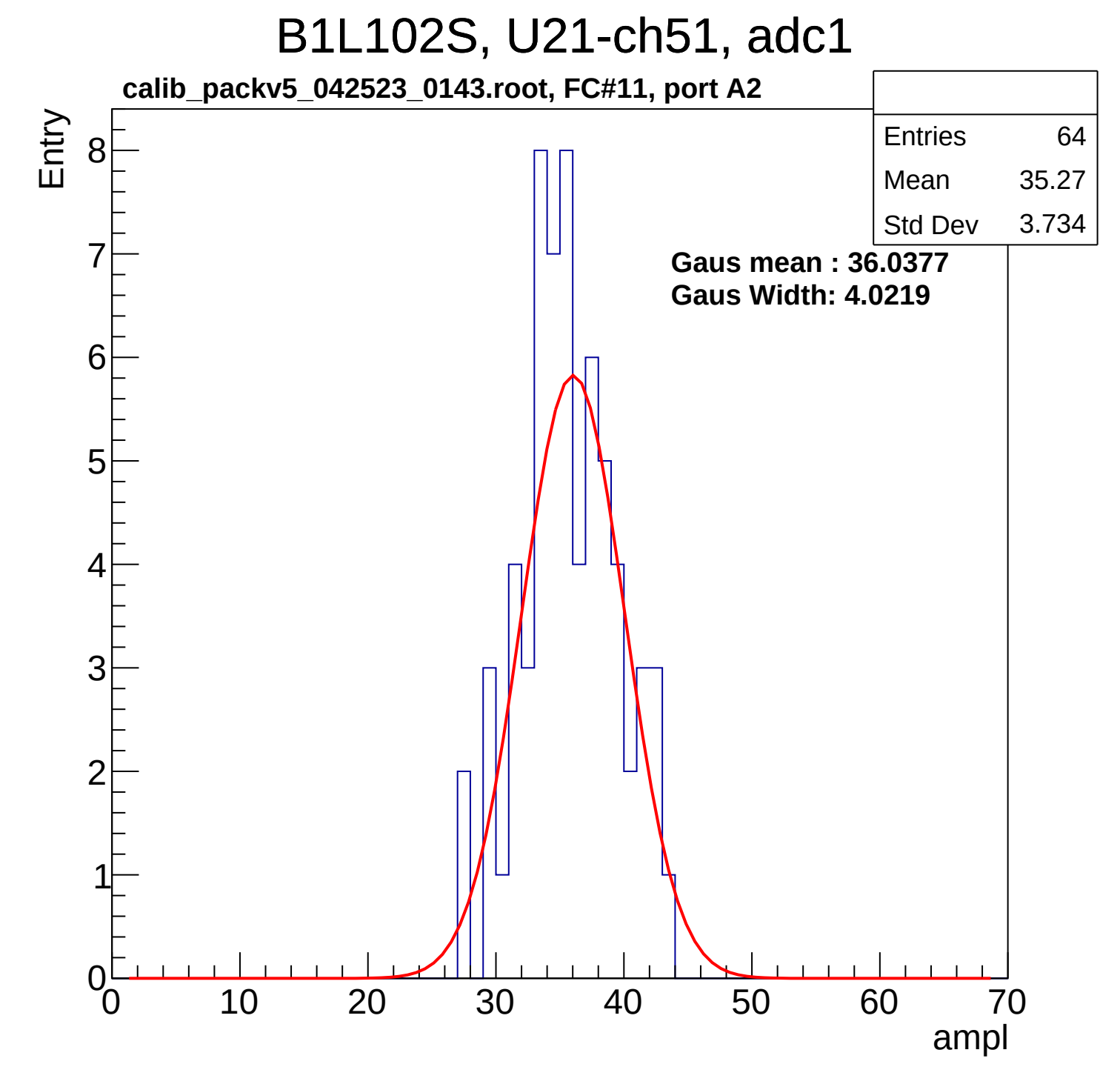
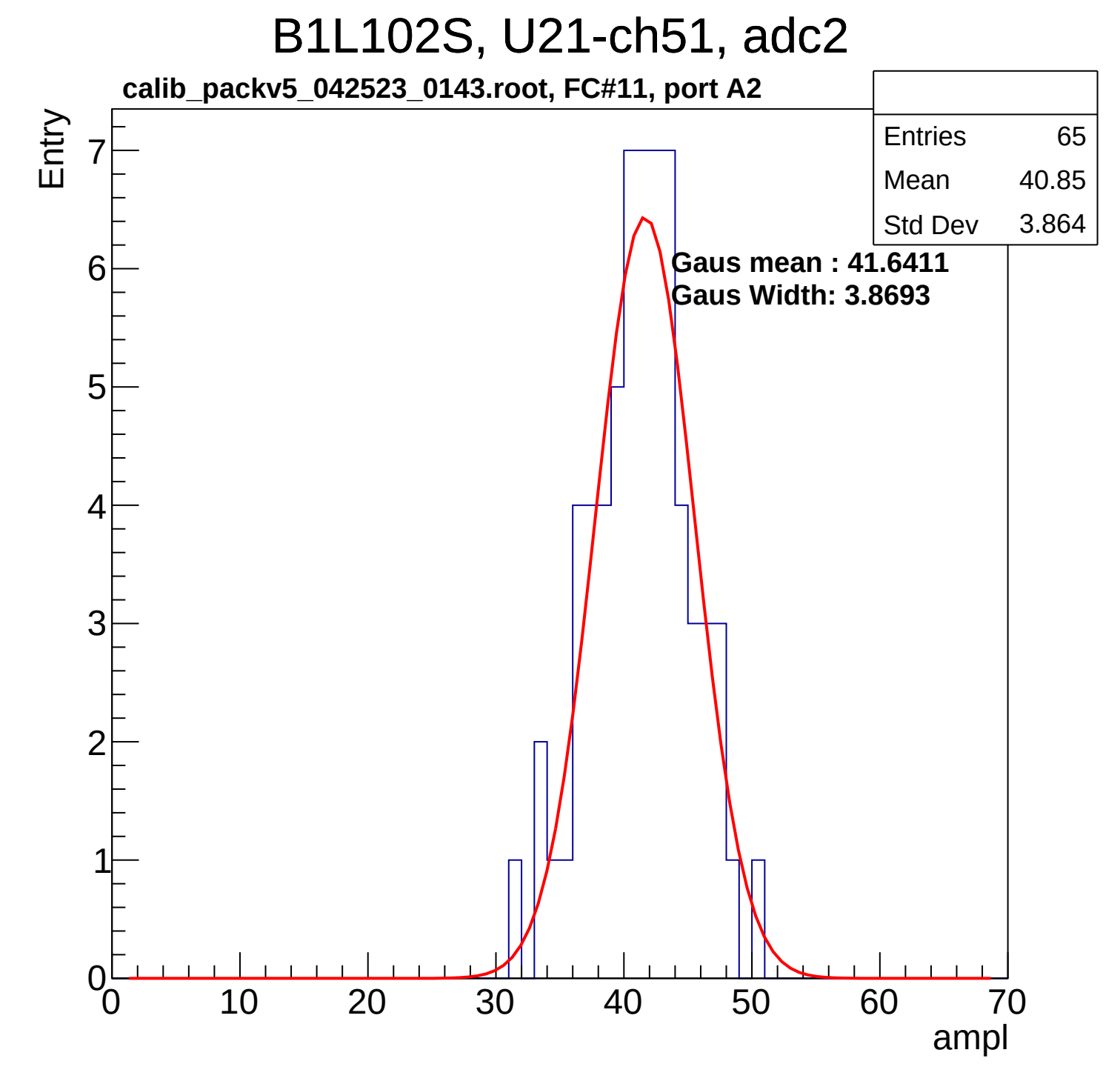

B1L102S, U21-ch50, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 36
Mean 60.67
Std Dev 1.944
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

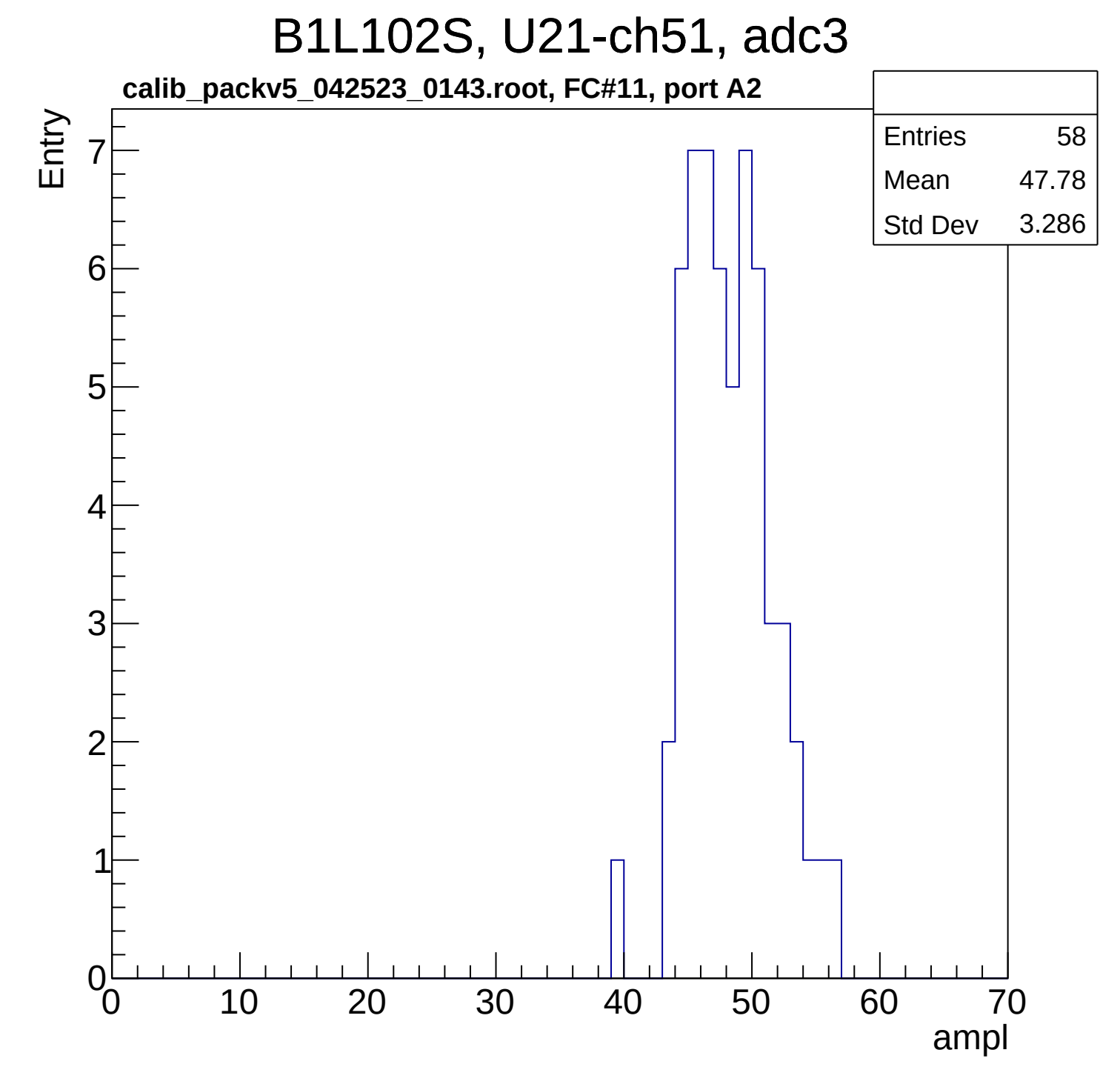

B1L102S, U21-ch50, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 5
Mean 61.8
Std Dev 1.166
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

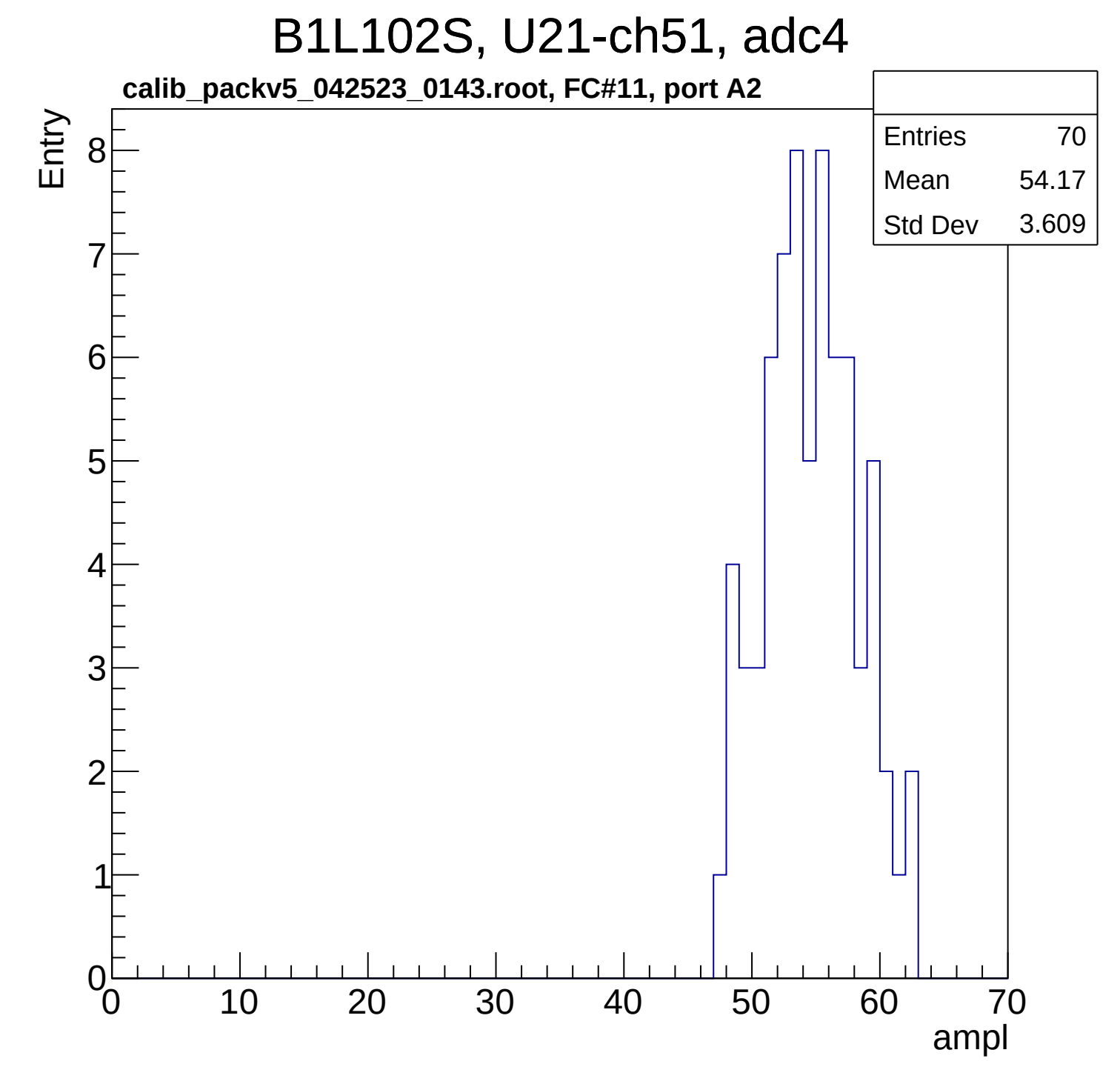

B1L102S, U21-ch50, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 22
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch51, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 28.85
Std Dev 3.659
Gaus mean : 28.7234
Gaus Width: 4.4690
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L102S, U21-ch51, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 35.27
Std Dev 3.734
Gaus mean : 36.0377
Gaus Width: 4.0219
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch51, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 40.85
Std Dev 3.864
Gaus mean : 41.6411
Gaus Width: 3.8693
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch51, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 47.78
Std Dev 3.286
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch51, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 54.17
Std Dev 3.609
Entry
ampl
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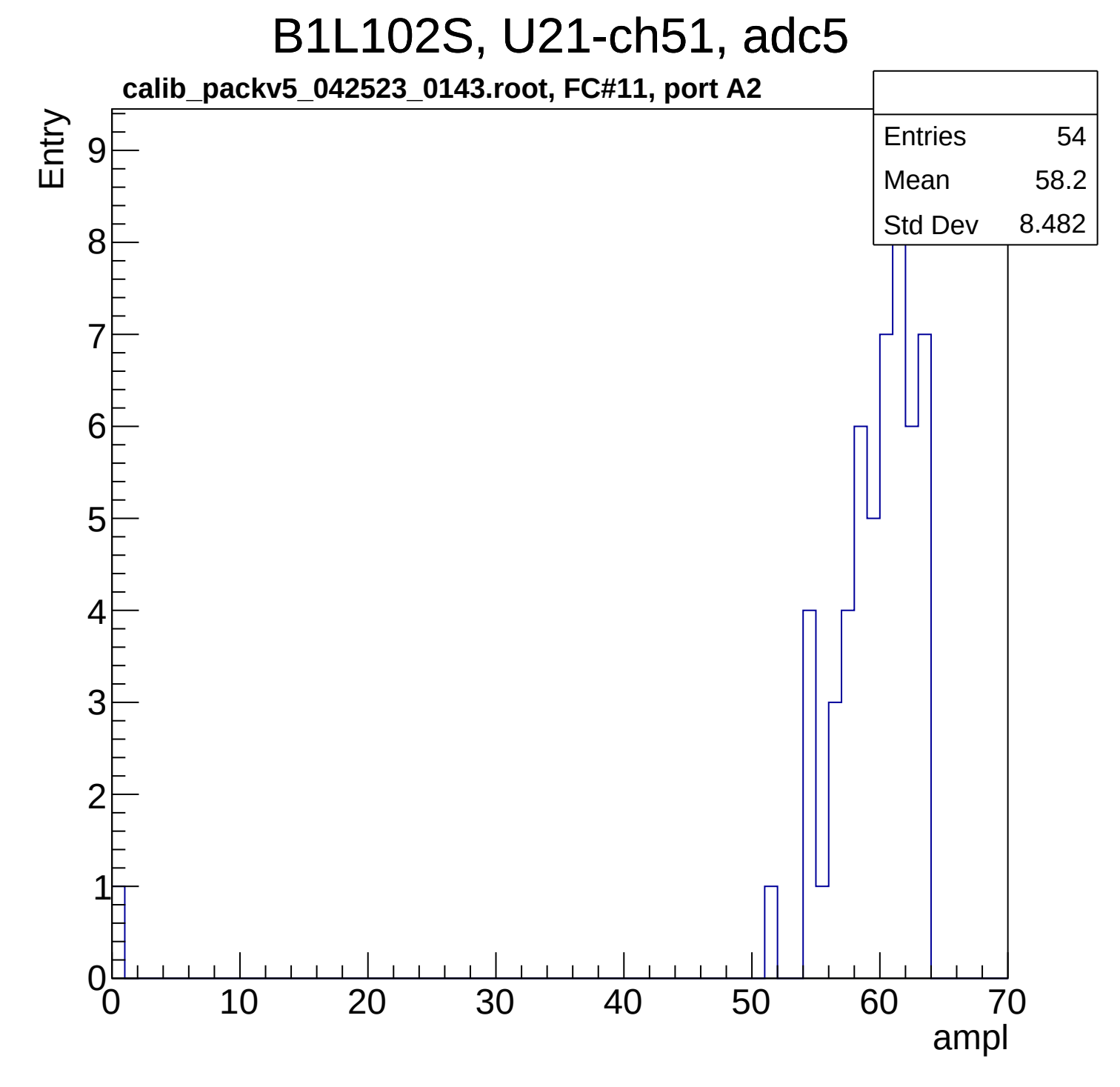
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch51, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 58.2
Std Dev 8.482
Entry
ampl
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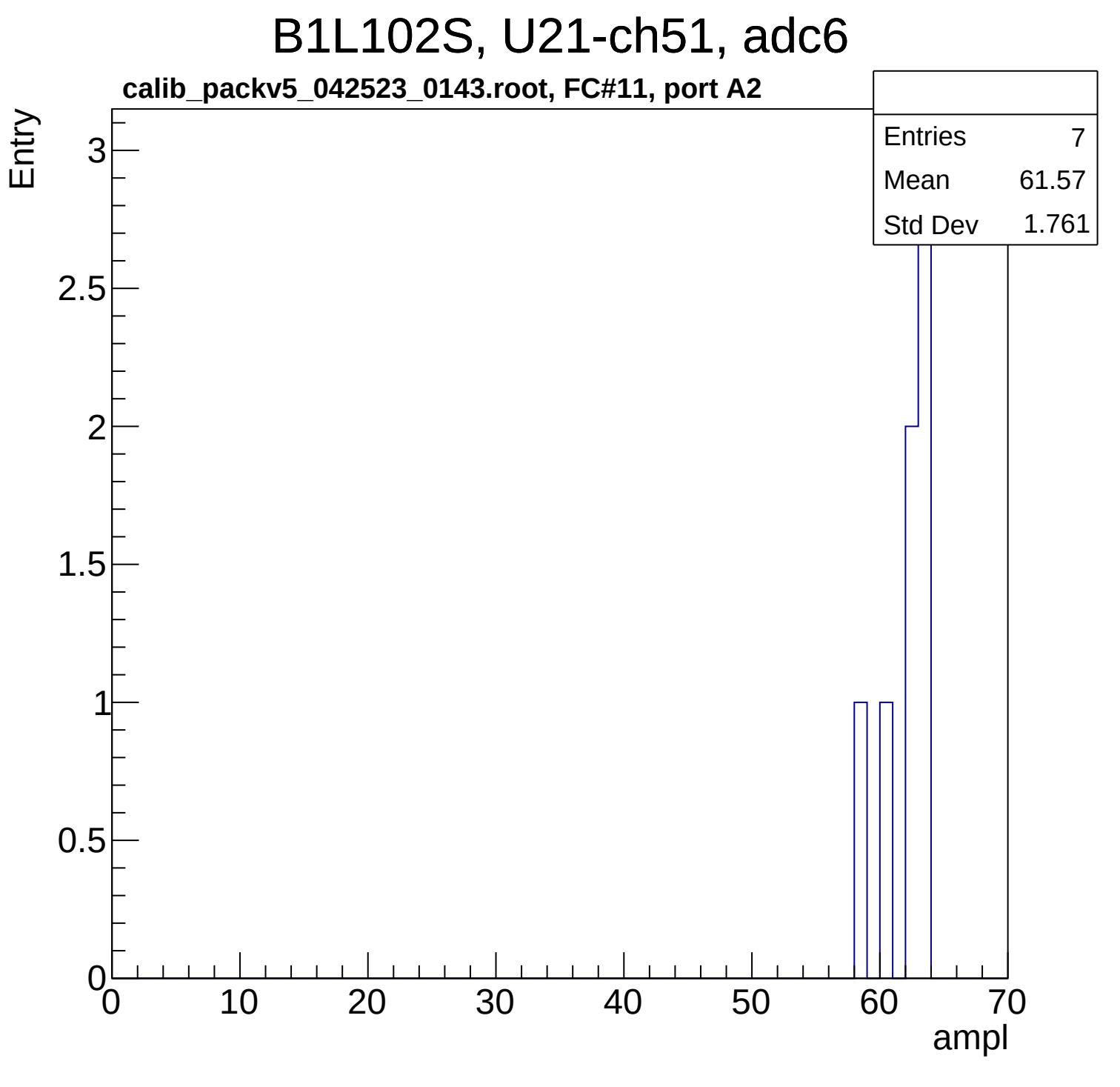
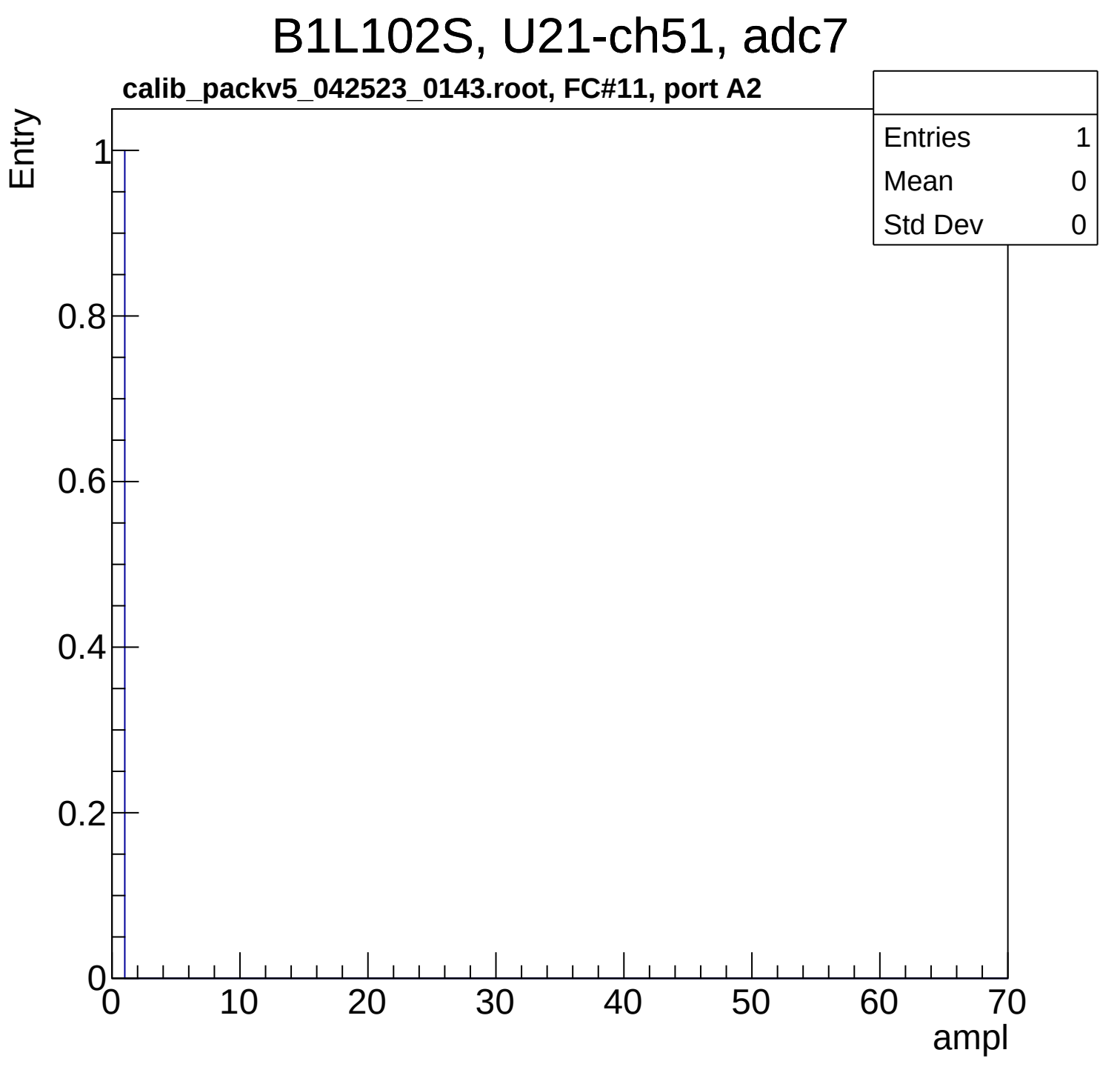
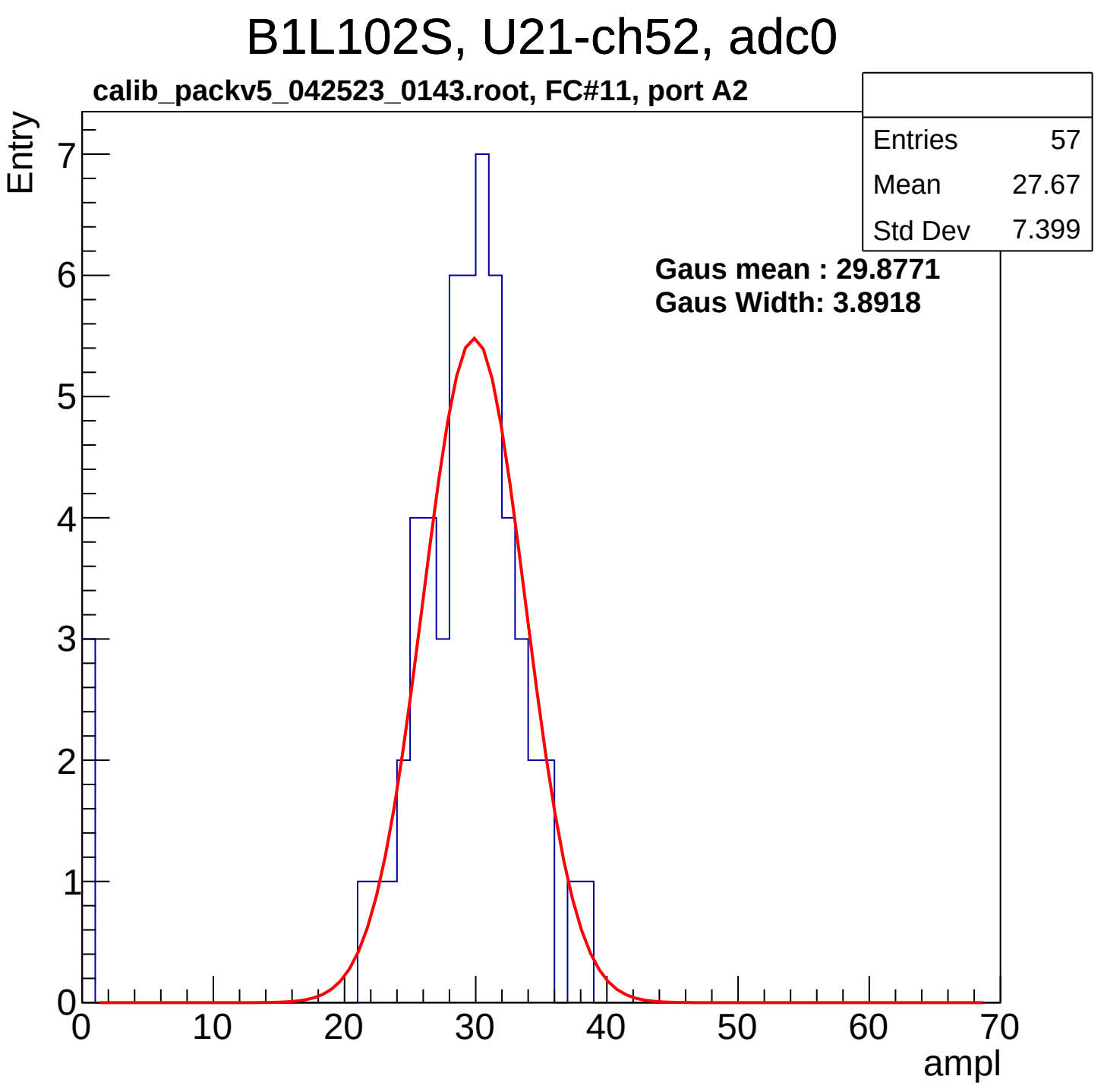
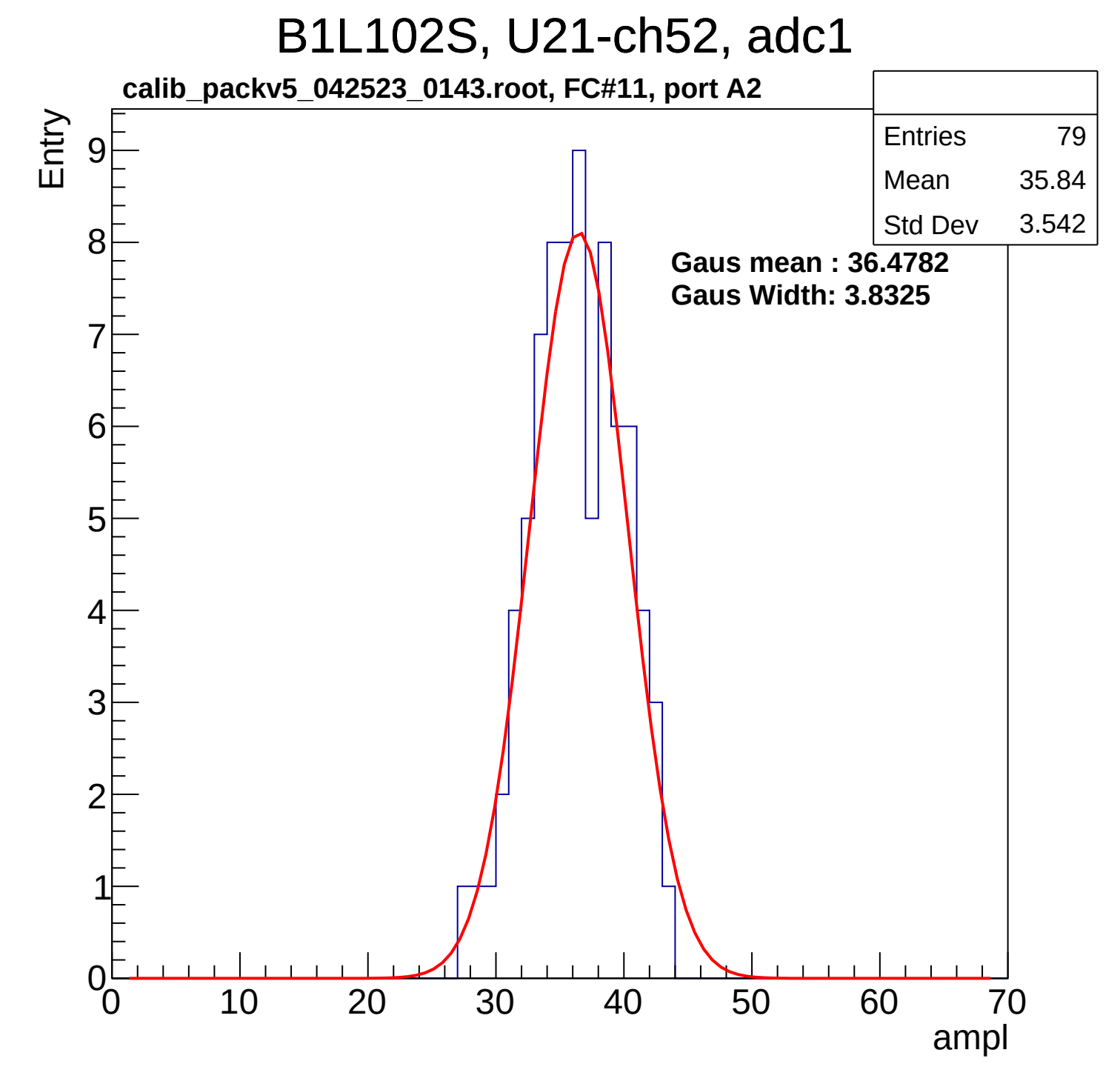
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch51, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 7
Mean 61.57
Std Dev 1.761
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U21-ch51, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch52, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 27.67
Std Dev 7.399
Gaus mean : 29.8771
Gaus Width: 3.8918
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch52, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 35.84
Std Dev 3.542
Gaus mean : 36.4782
Gaus Width: 3.8325
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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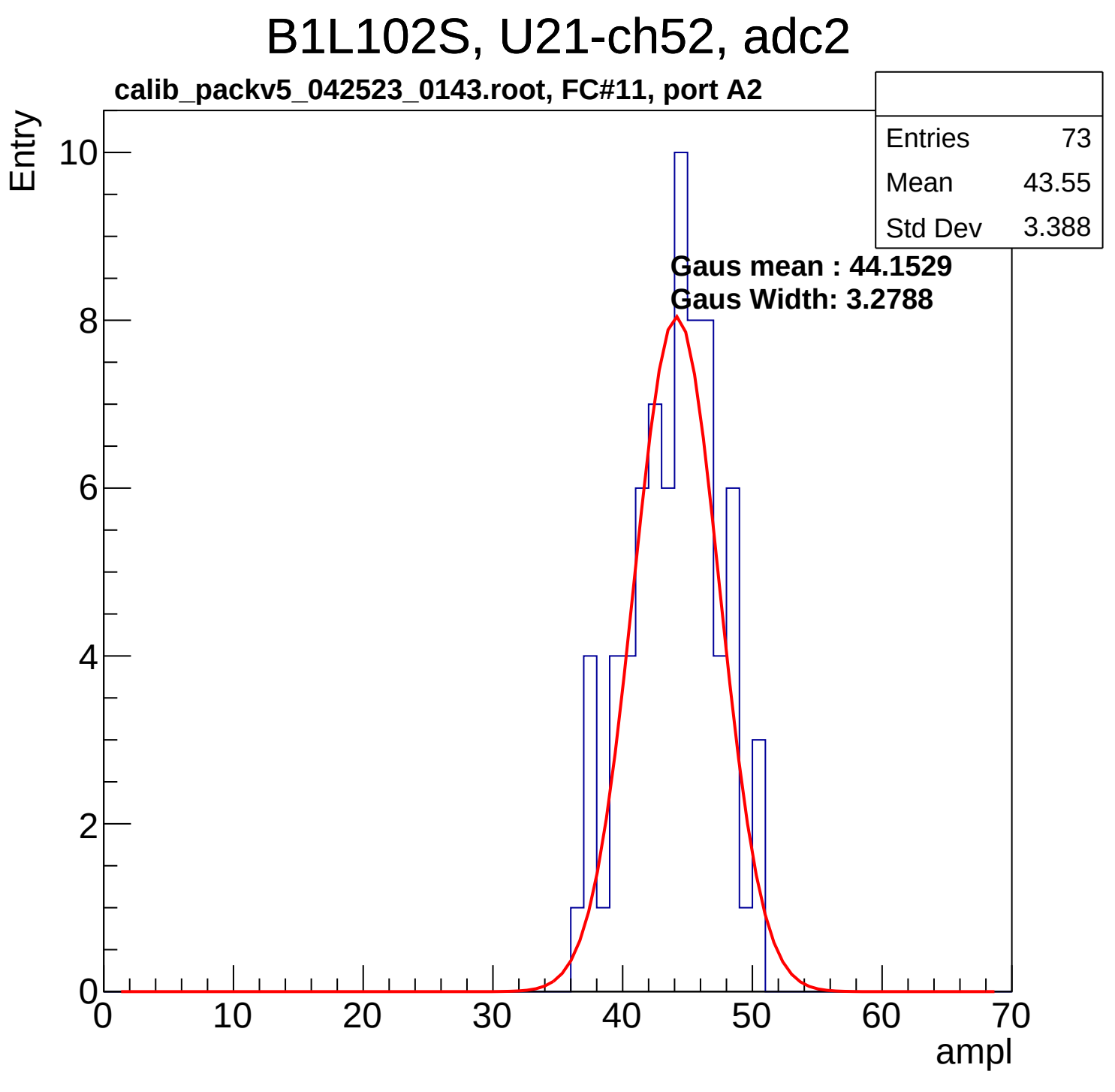
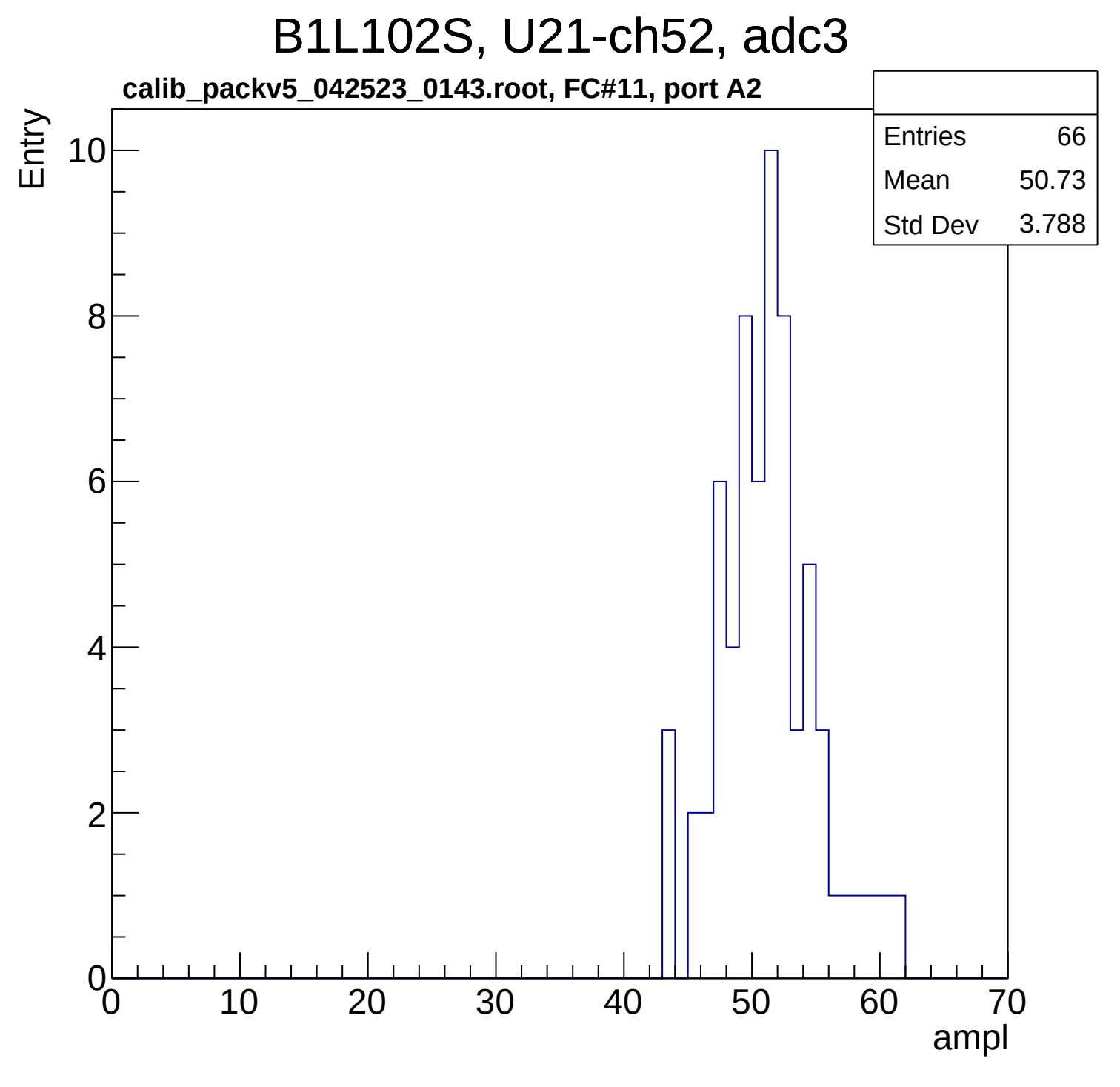
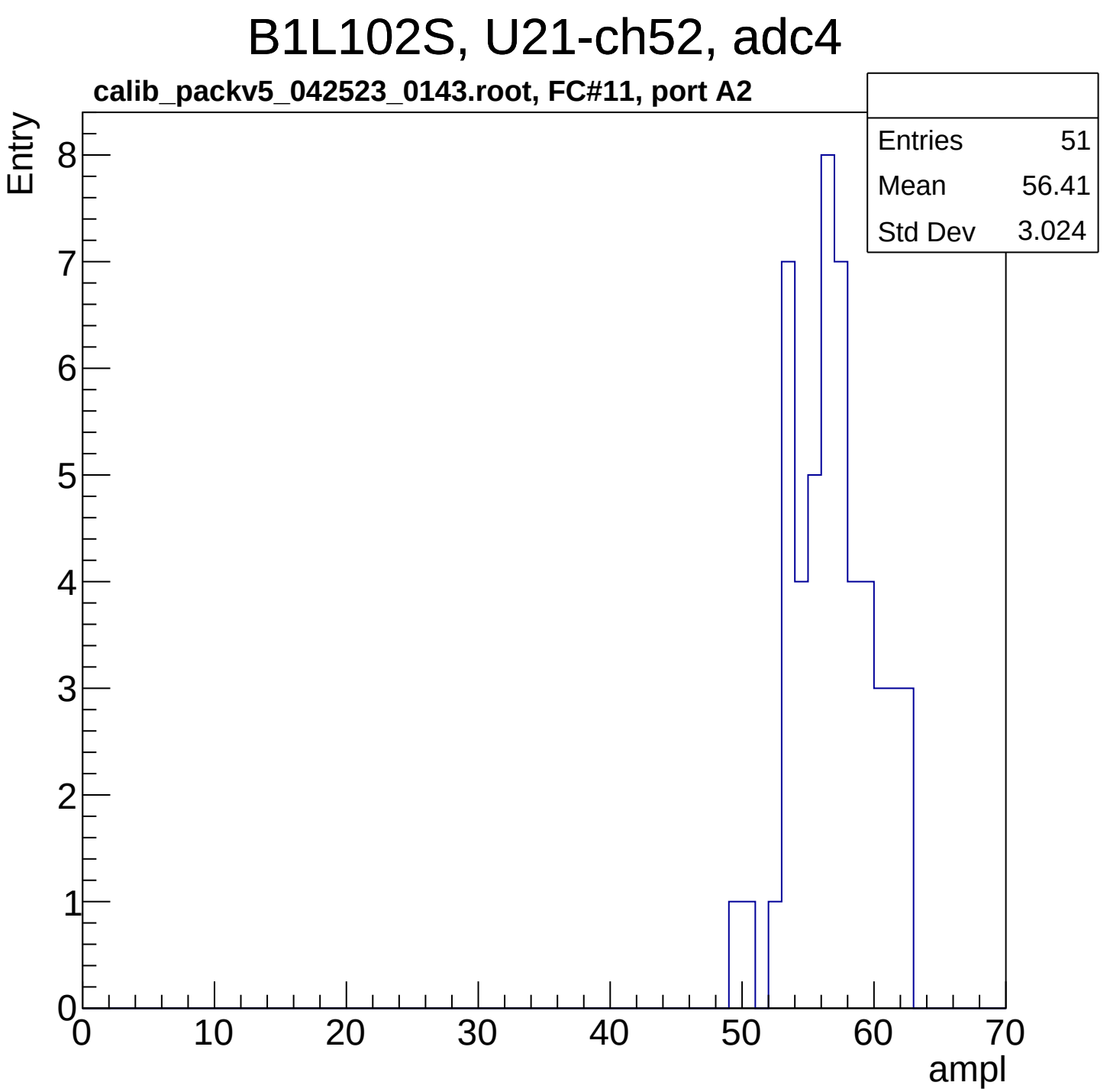

B1L102S, U21-ch52, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 43.55
Std Dev 3.388
Gaus mean : 44.1529
Gaus Width: 3.2788
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch52, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 50.73
Std Dev 3.788
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch52, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 56.41
Std Dev 3.024
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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60
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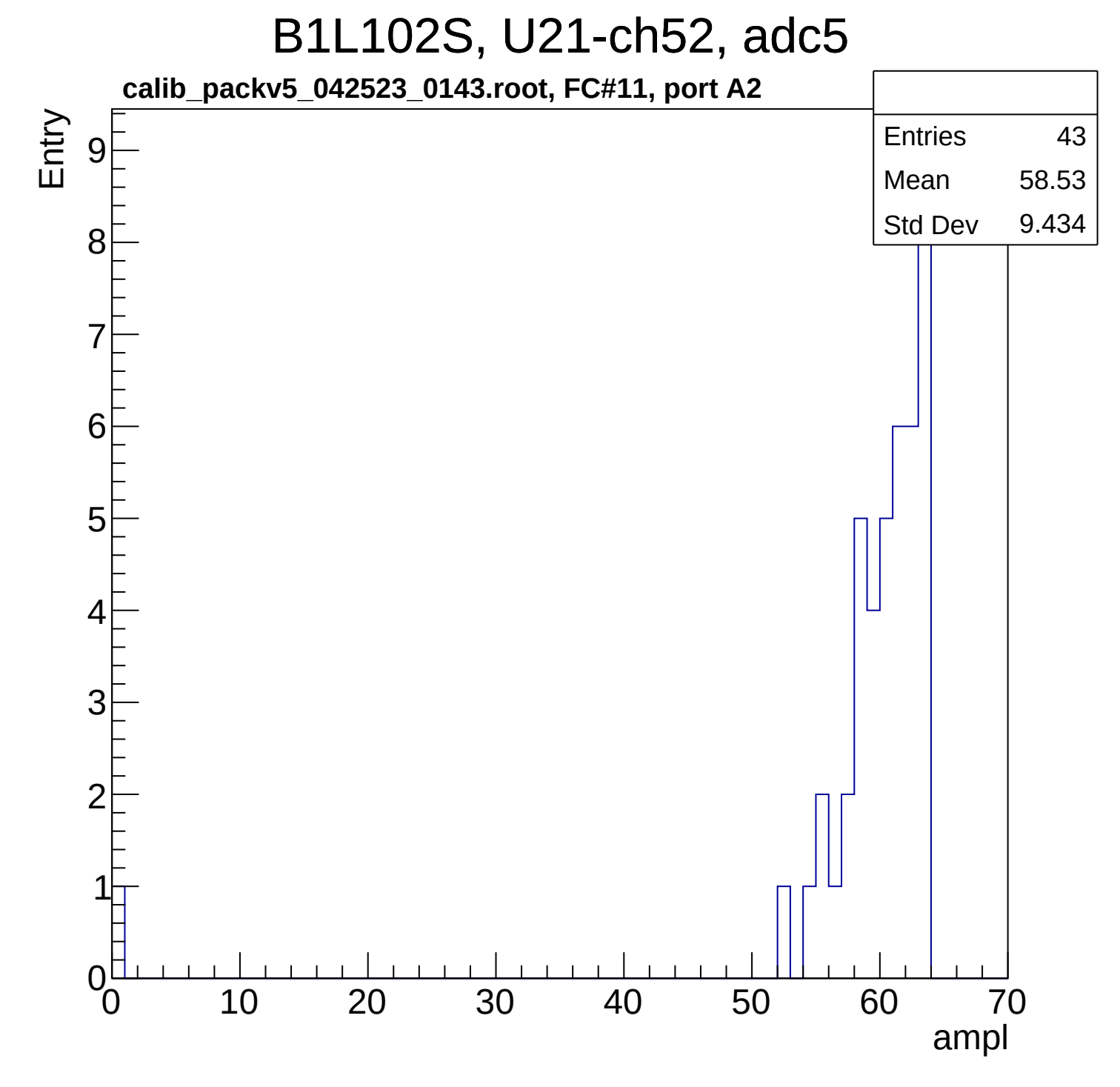
B1L102S, U21-ch52, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 43
Mean 58.53
Std Dev 9.434
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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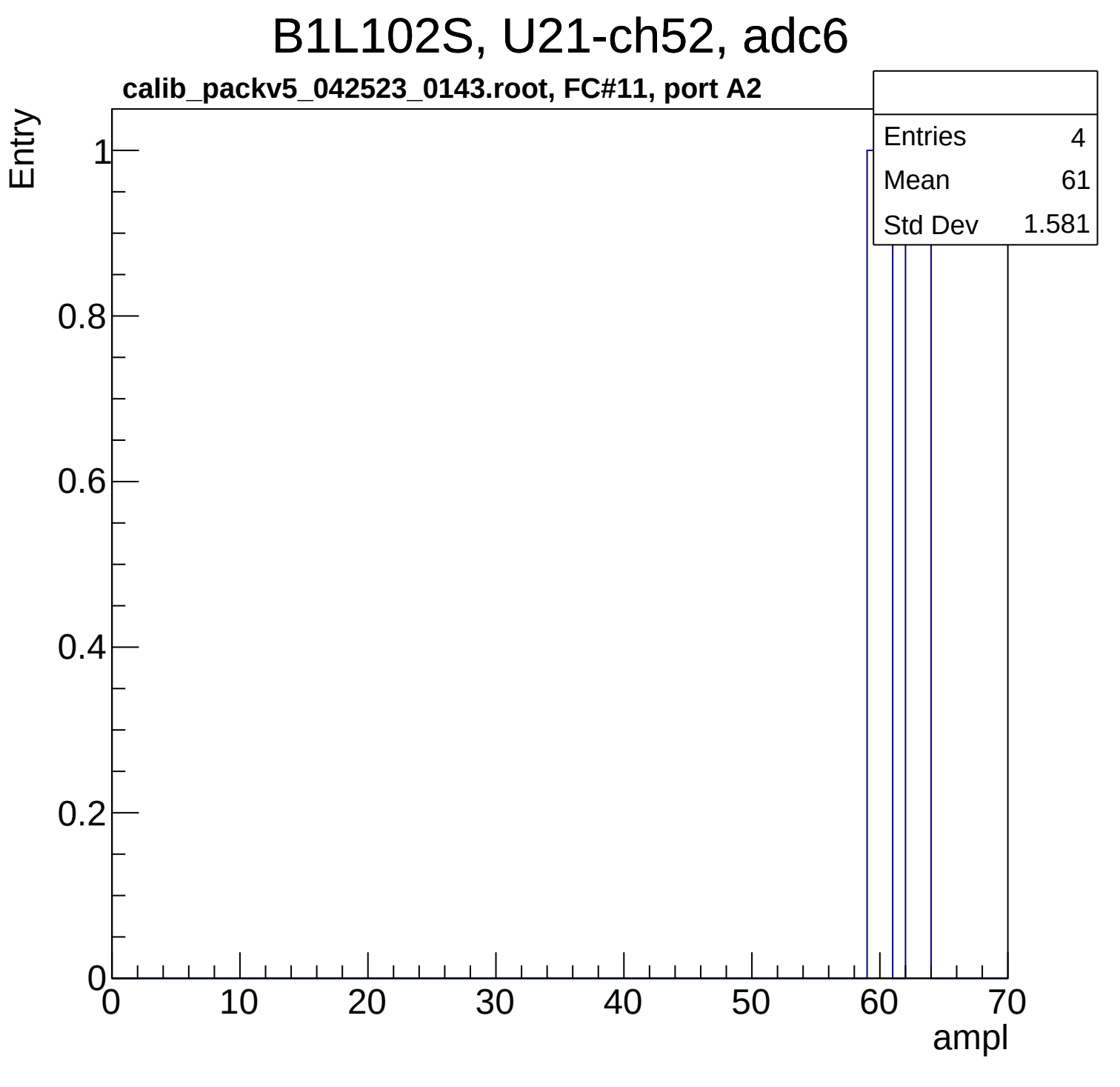
B1L102S, U21-ch52, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 61
Std Dev 1.581
Entry
ampl
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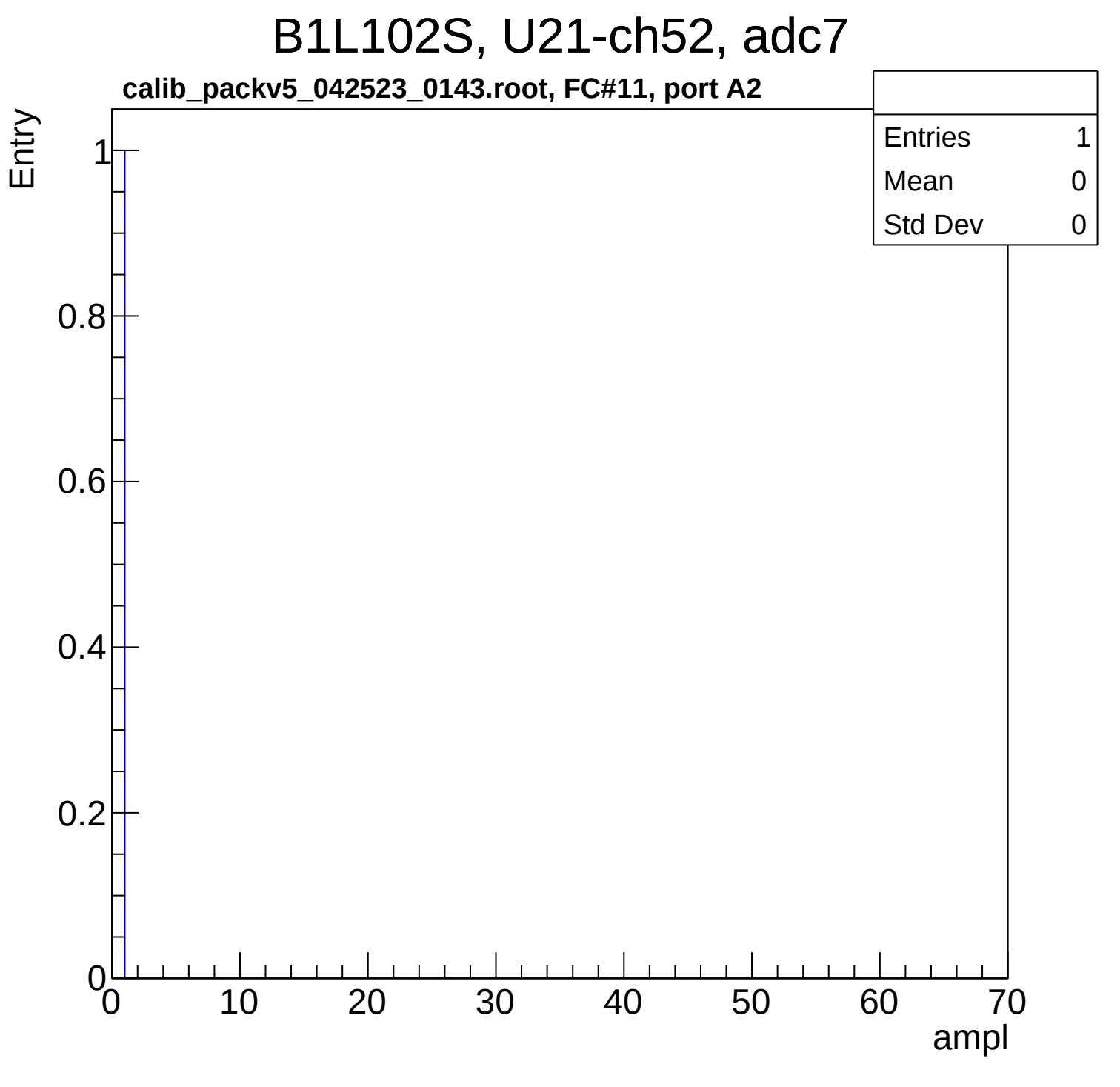
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L102S, U21-ch52, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 0
Std Dev 0
Entry
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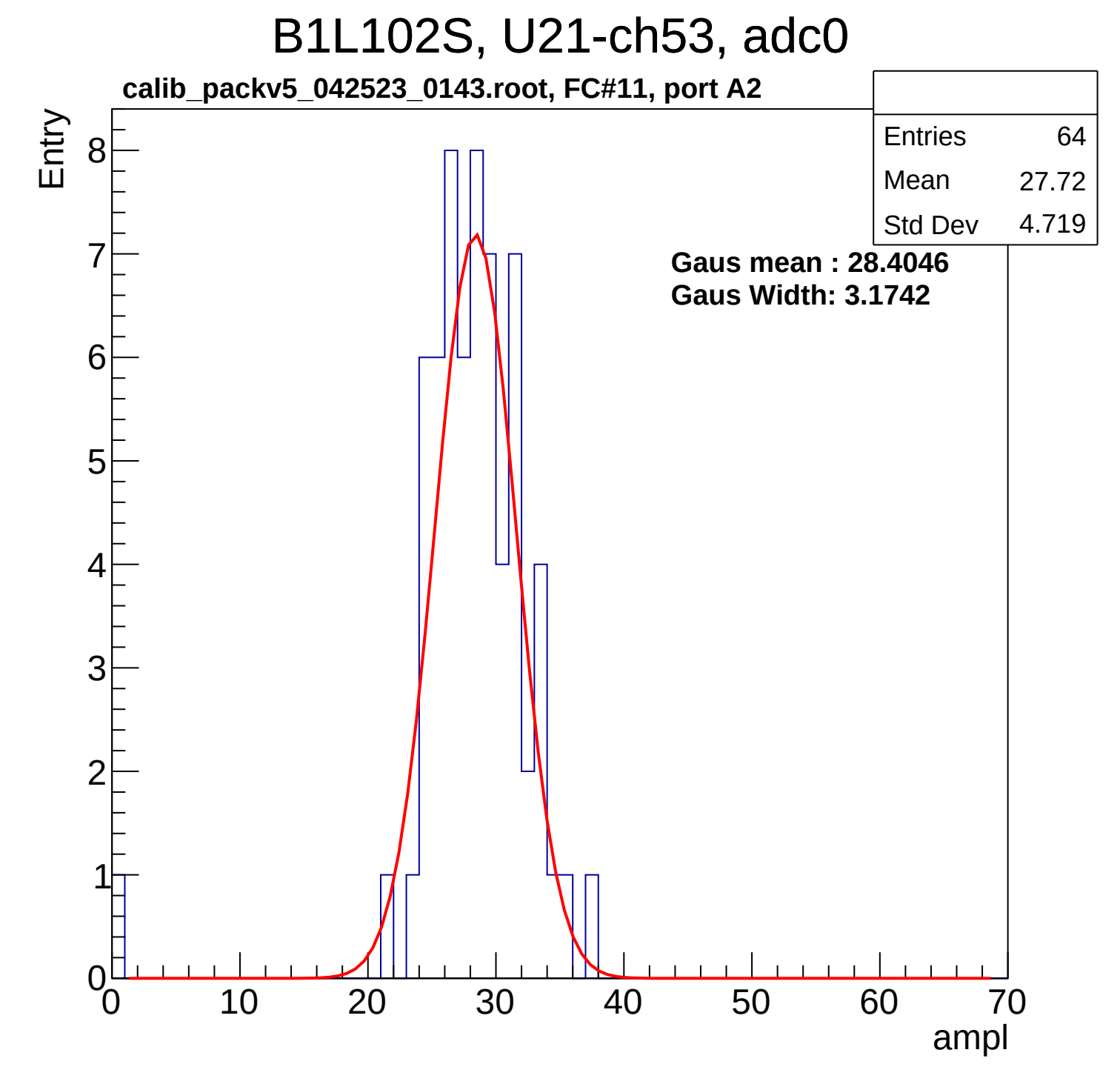
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch53, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 27.72
Std Dev 4.719
Gaus mean : 28.4046
Gaus Width: 3.1742
Entry
ampl
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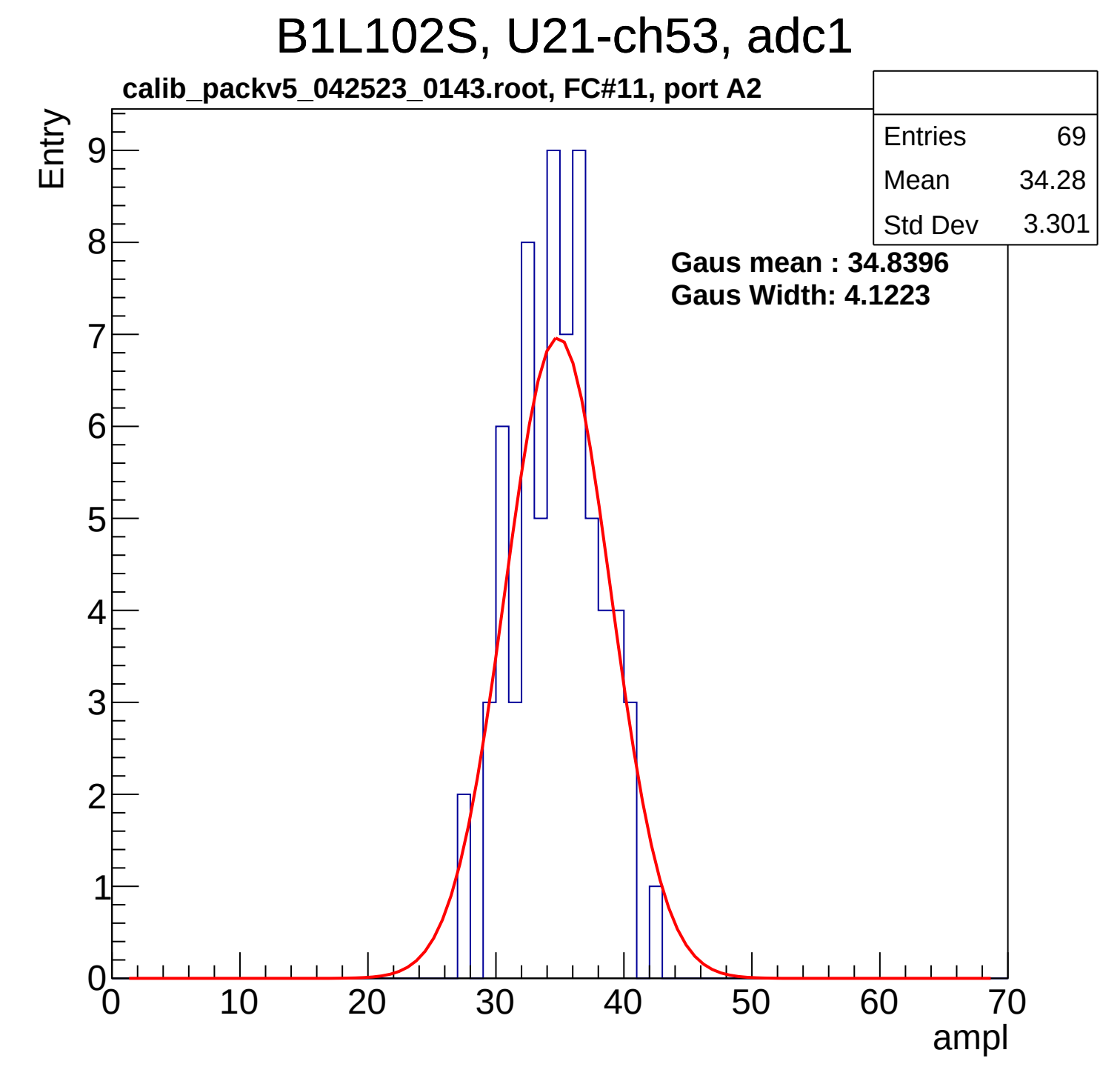
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch53, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 34.28
Std Dev 3.301
Gaus mean : 34.8396
Gaus Width: 4.1223
Entry
ampl
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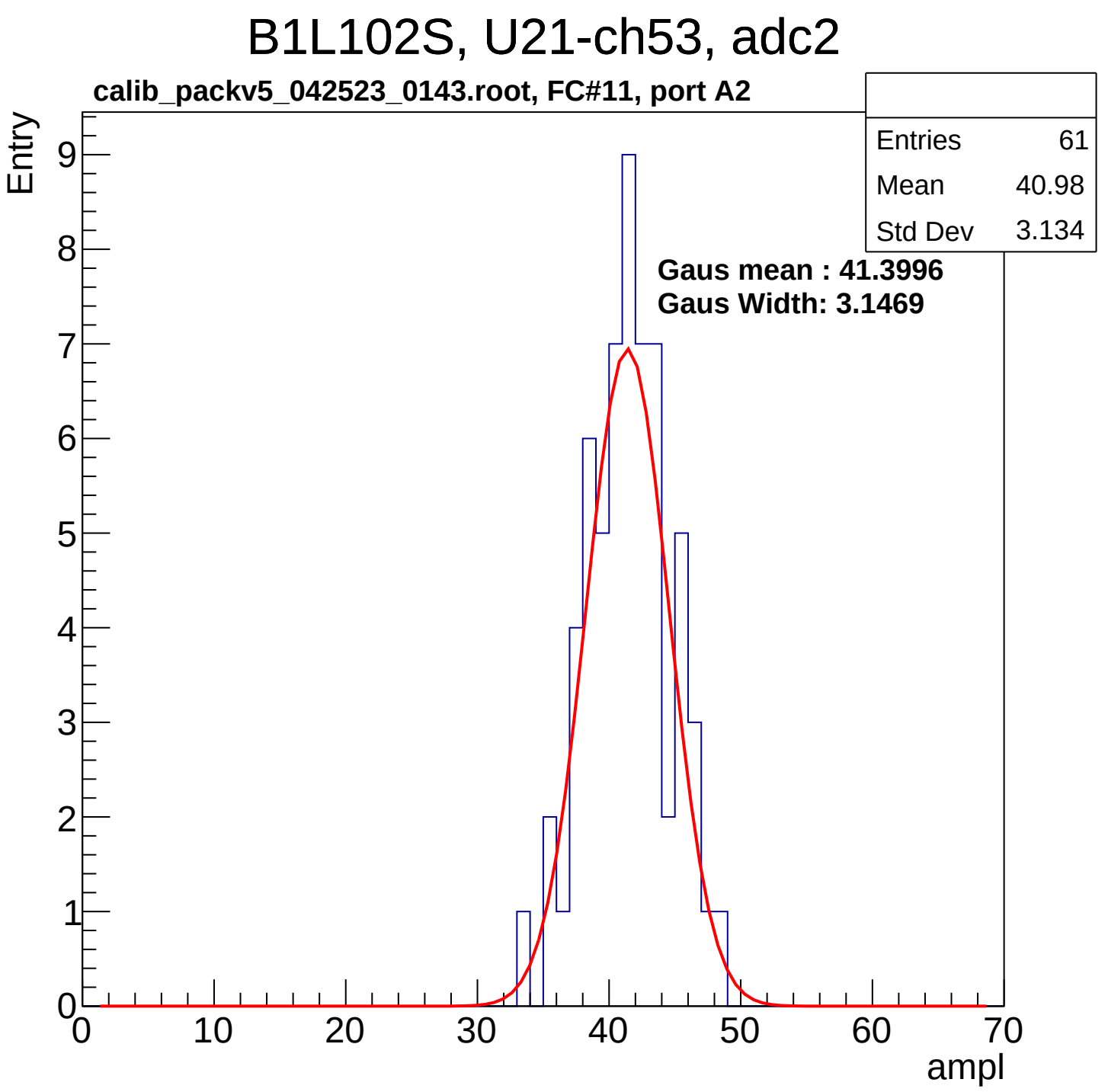
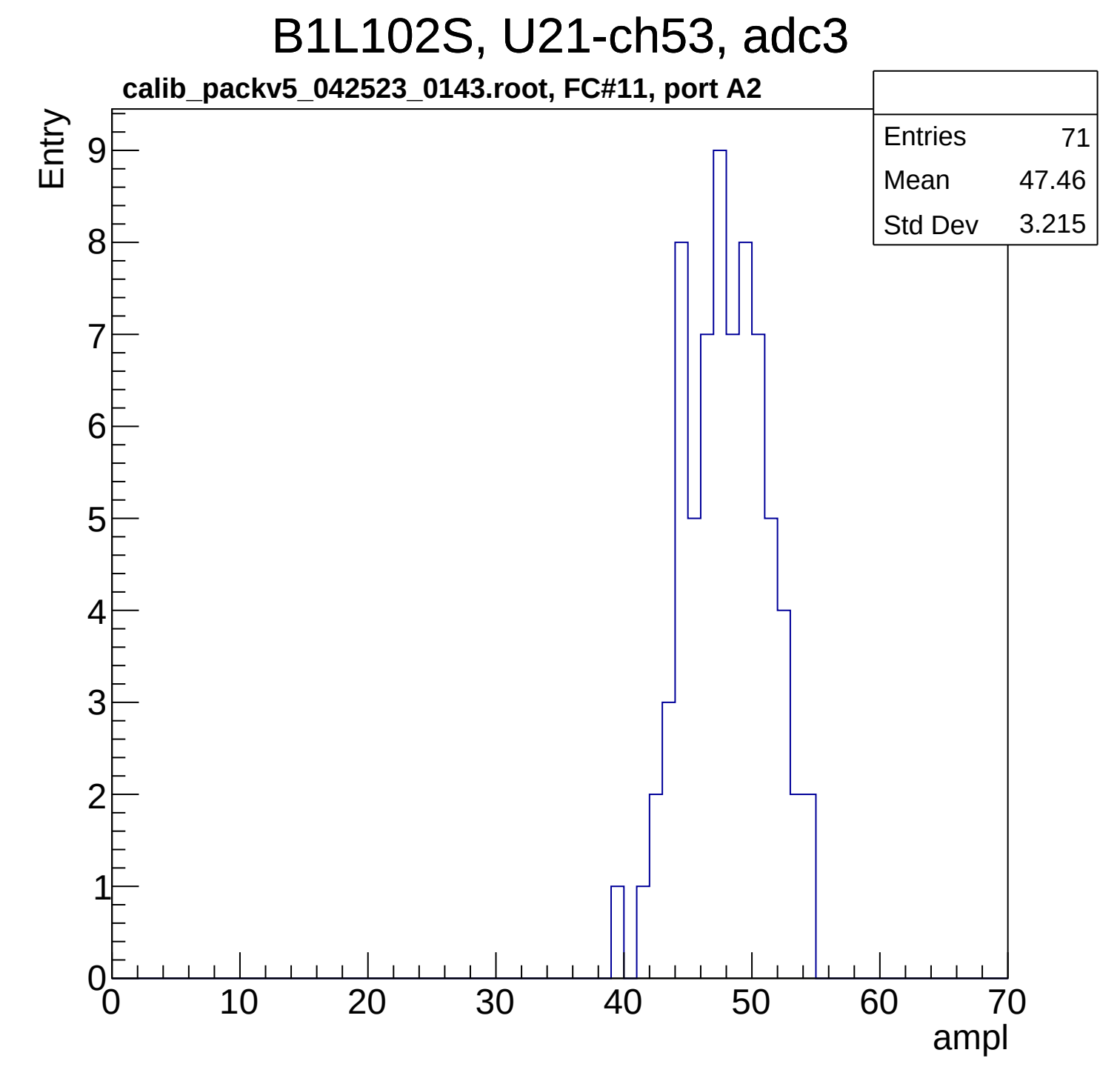
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch53, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 40.98
Std Dev 3.134
Gaus mean : 41.3996
Gaus Width: 3.1469
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch53, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 47.46
Std Dev 3.215
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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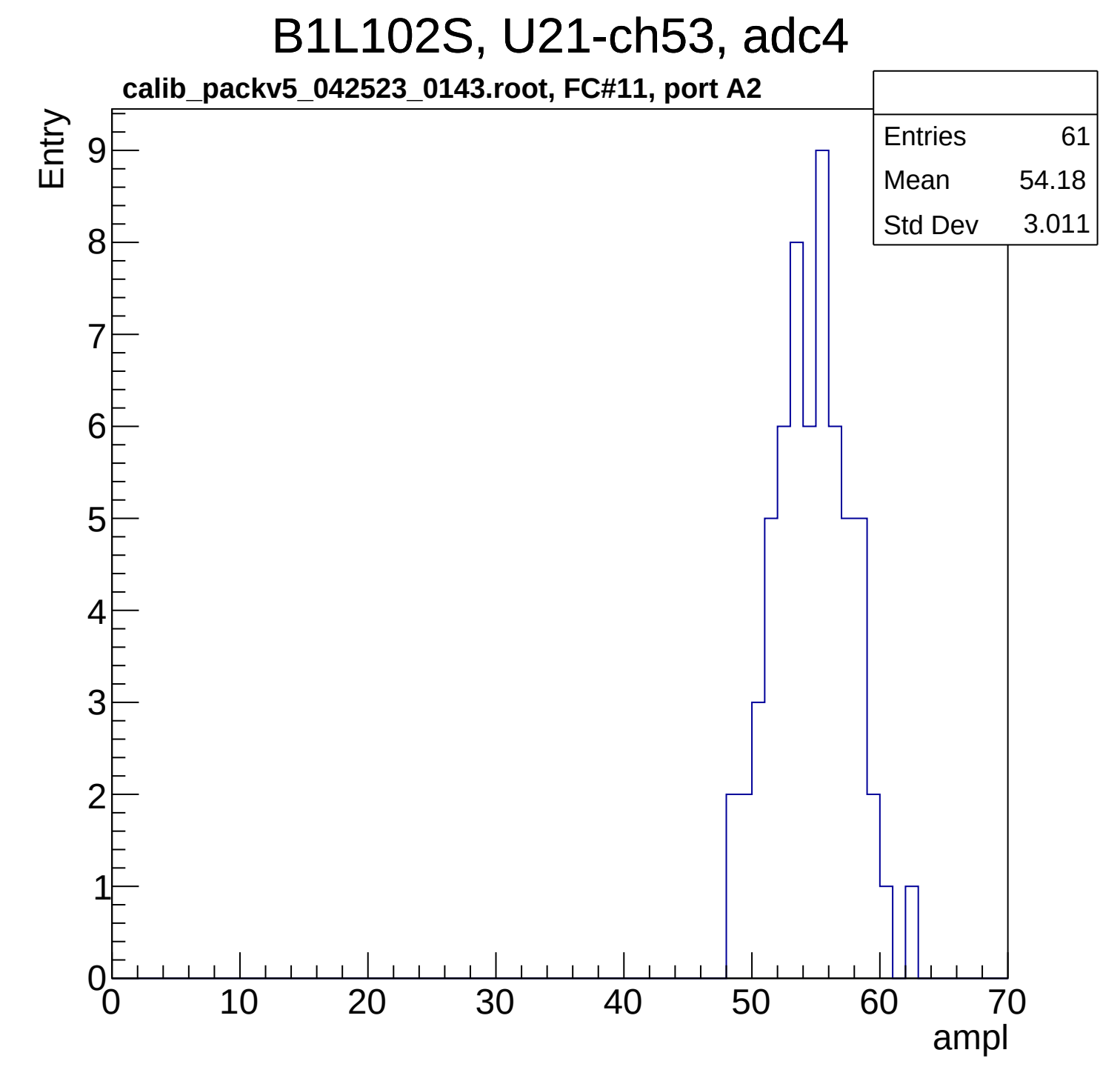
40
50
60
70


B1L102S, U21-ch53, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 54.18
Std Dev 3.011
Entry
ampl
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2
3
4
5
6
7
8
9
0
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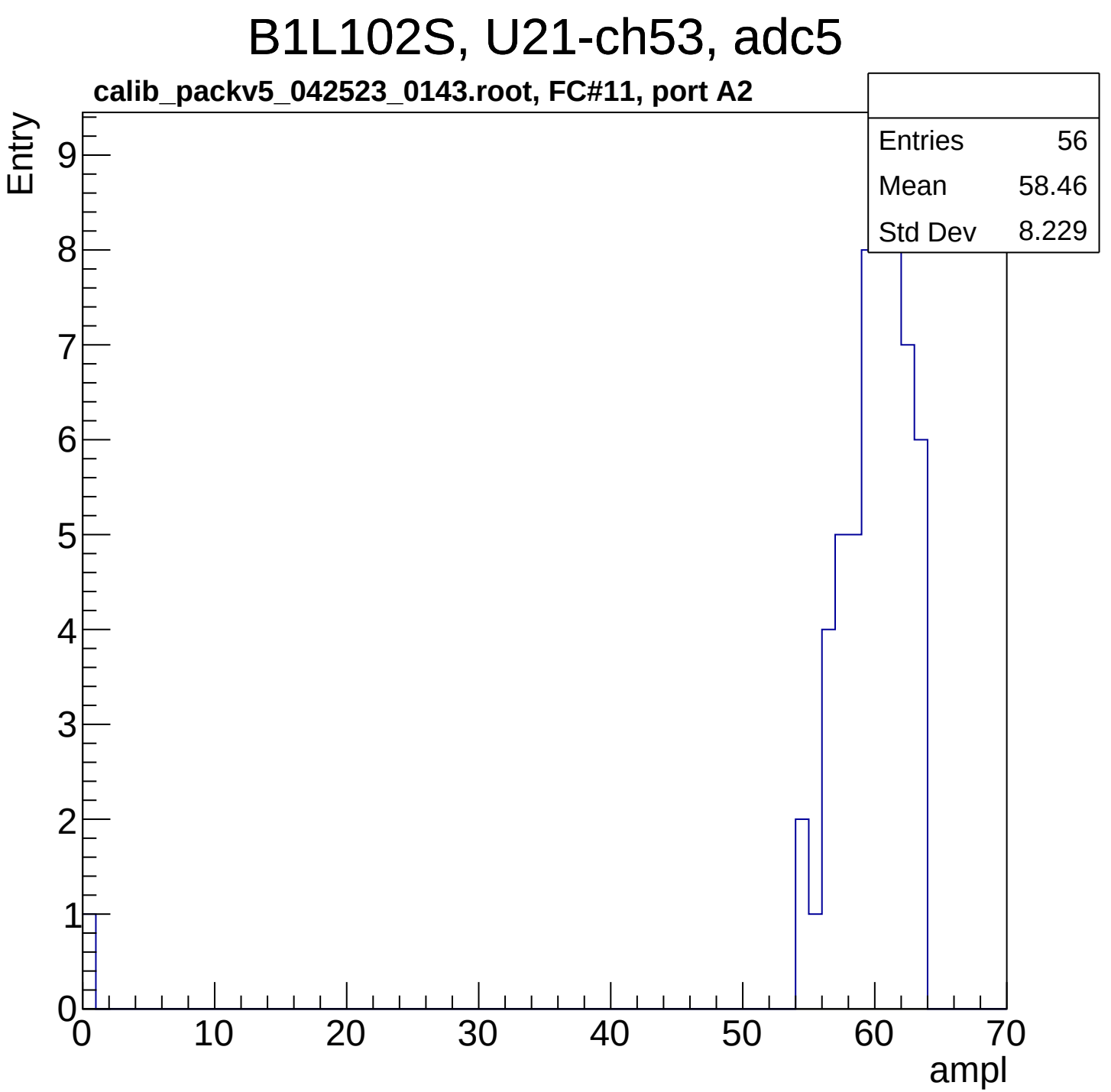
20
30
40
50
60
70


B1L102S, U21-ch53, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 58.46
Std Dev 8.229
Entry
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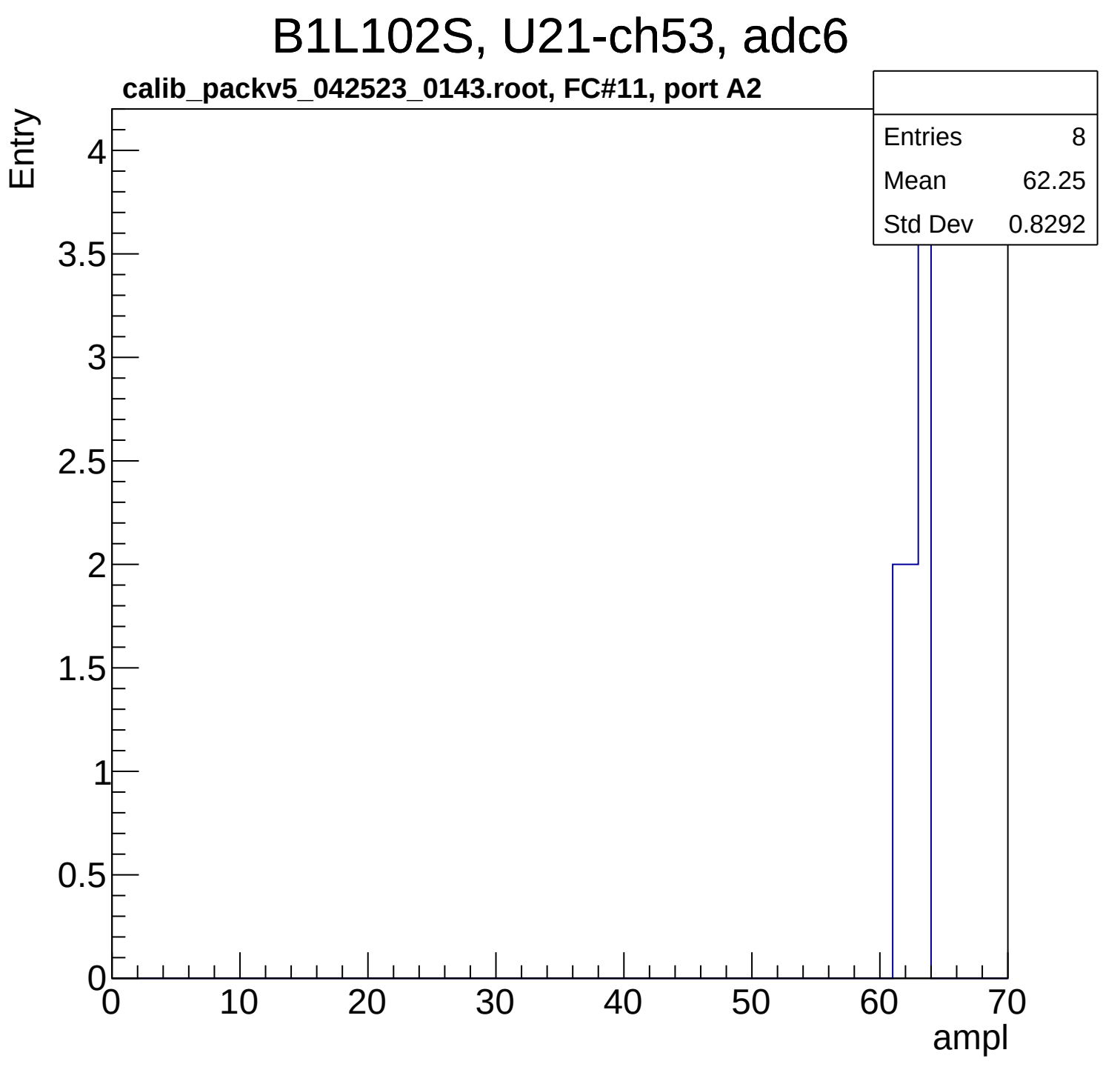
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch53, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 8
Mean 62.25
Std Dev 0.8292
Entry
ampl
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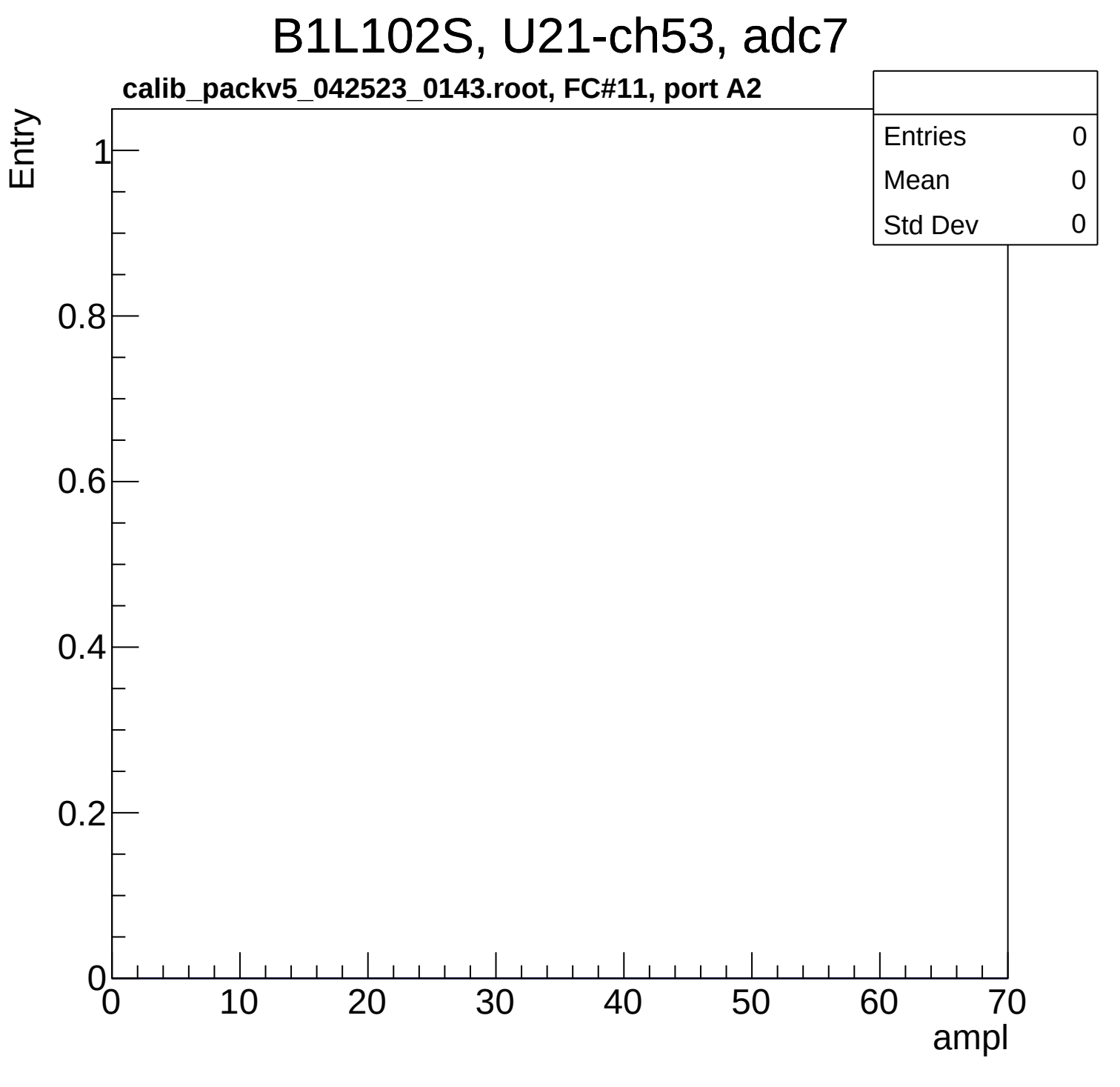
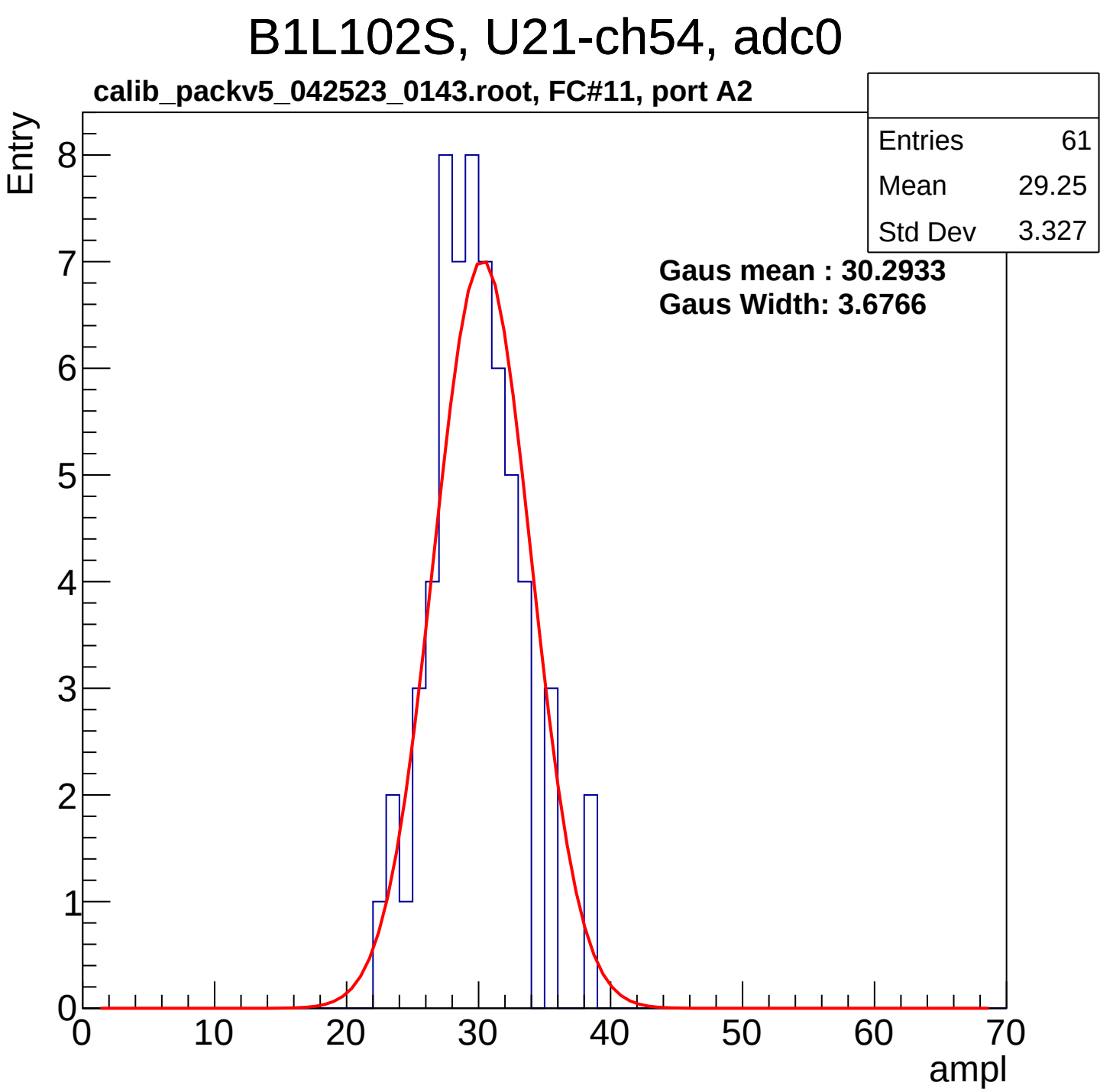
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L102S, U21-ch53, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch54, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 29.25
Std Dev 3.327
Gaus mean : 30.2933
Gaus Width: 3.6766
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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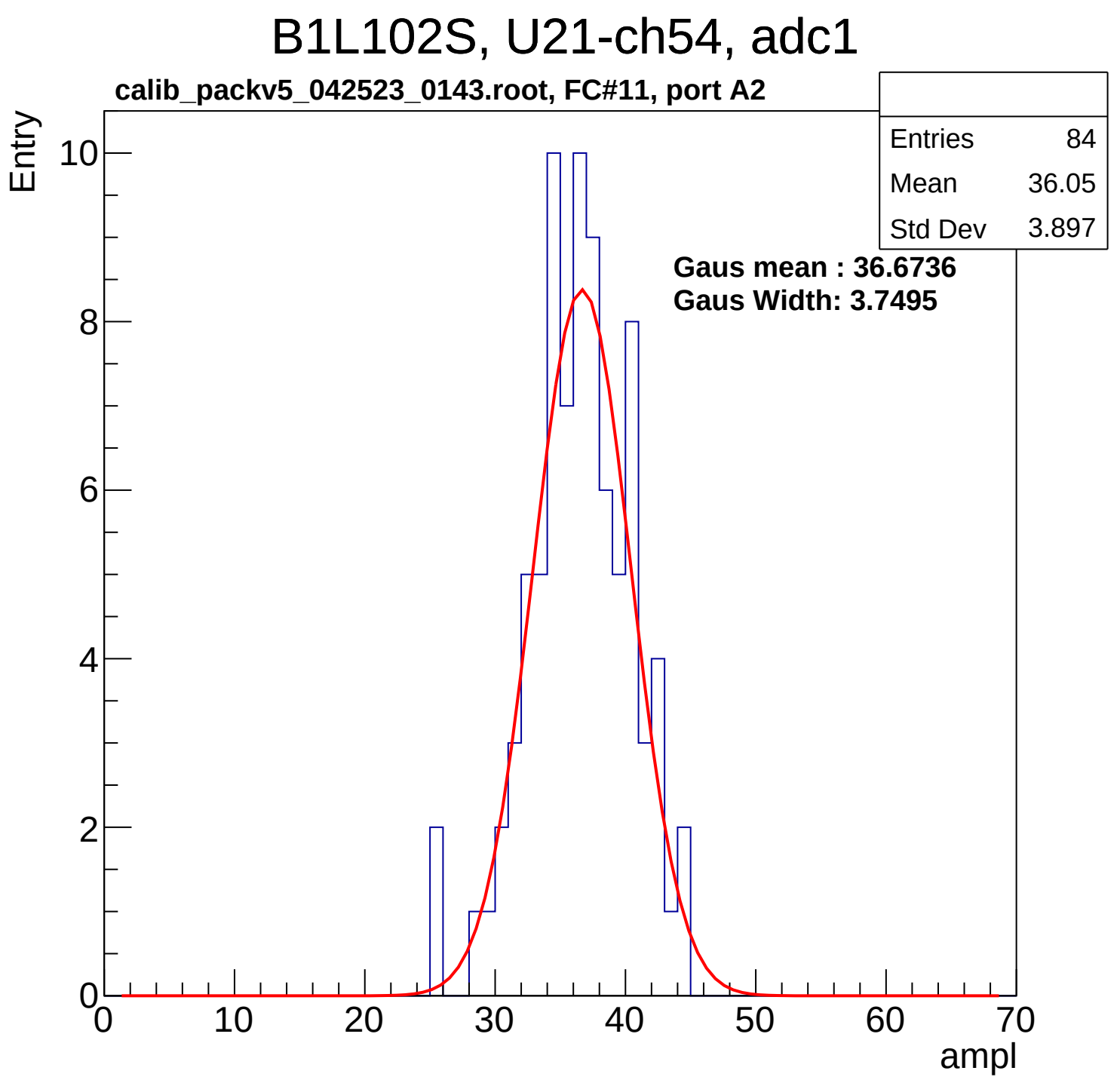
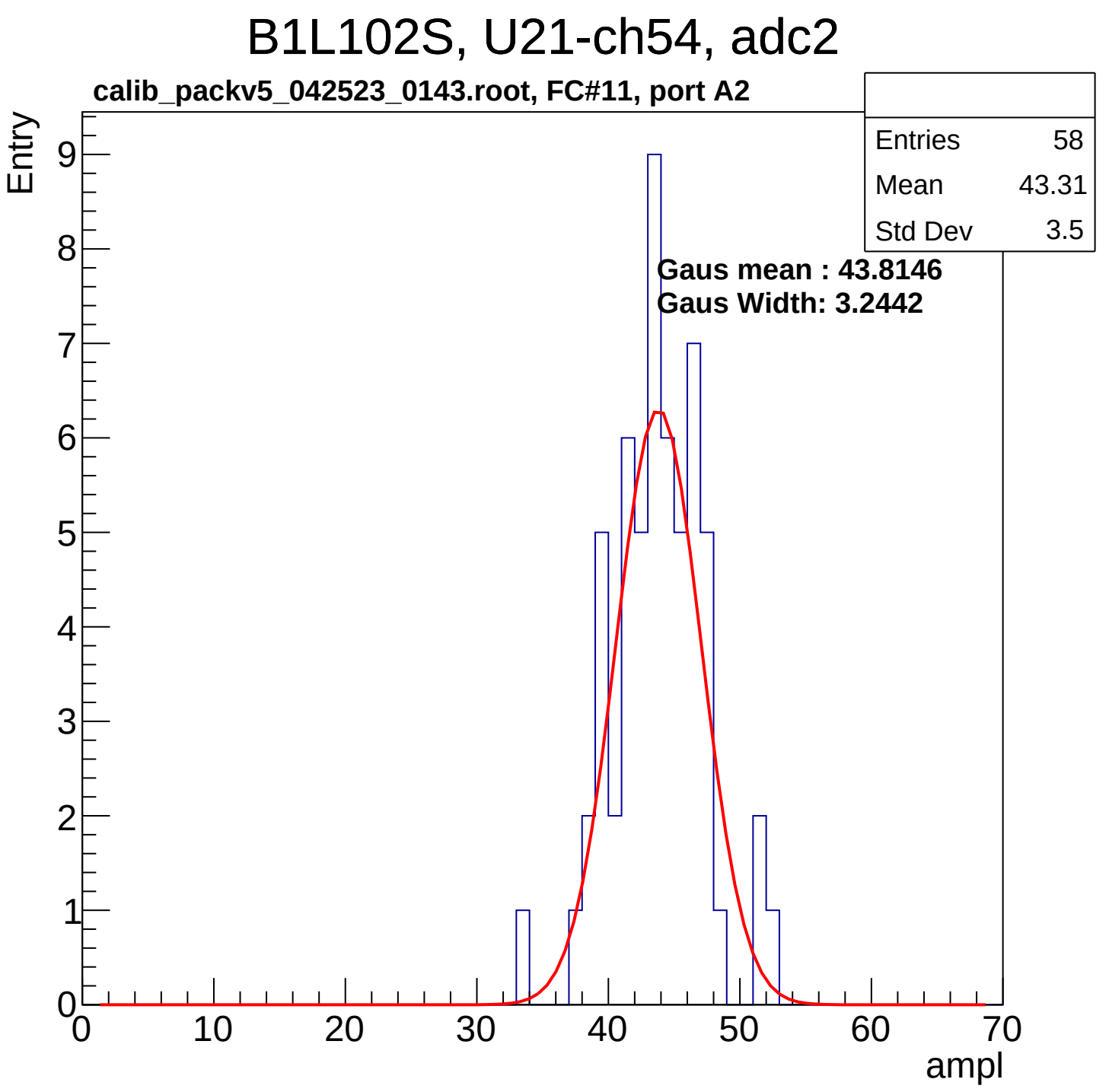

B1L102S, U21-ch54, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 84
Mean 36.05
Std Dev 3.897
Gaus mean : 36.6736
Gaus Width: 3.7495
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch54, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 43.31
Std Dev 3.5
Gaus mean : 43.8146
Gaus Width: 3.2442
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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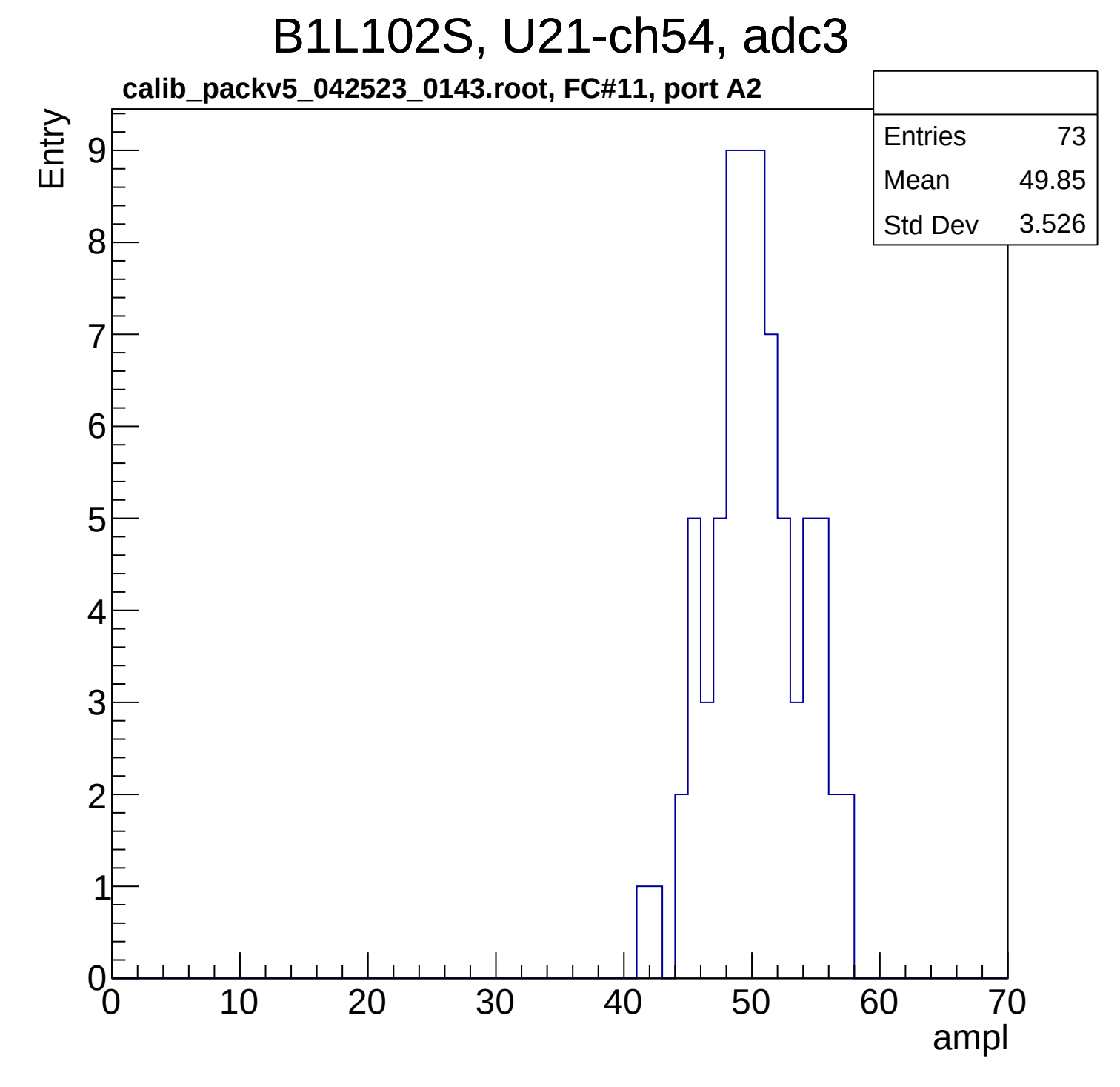
B1L102S, U21-ch54, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 49.85
Std Dev 3.526
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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40
50
60
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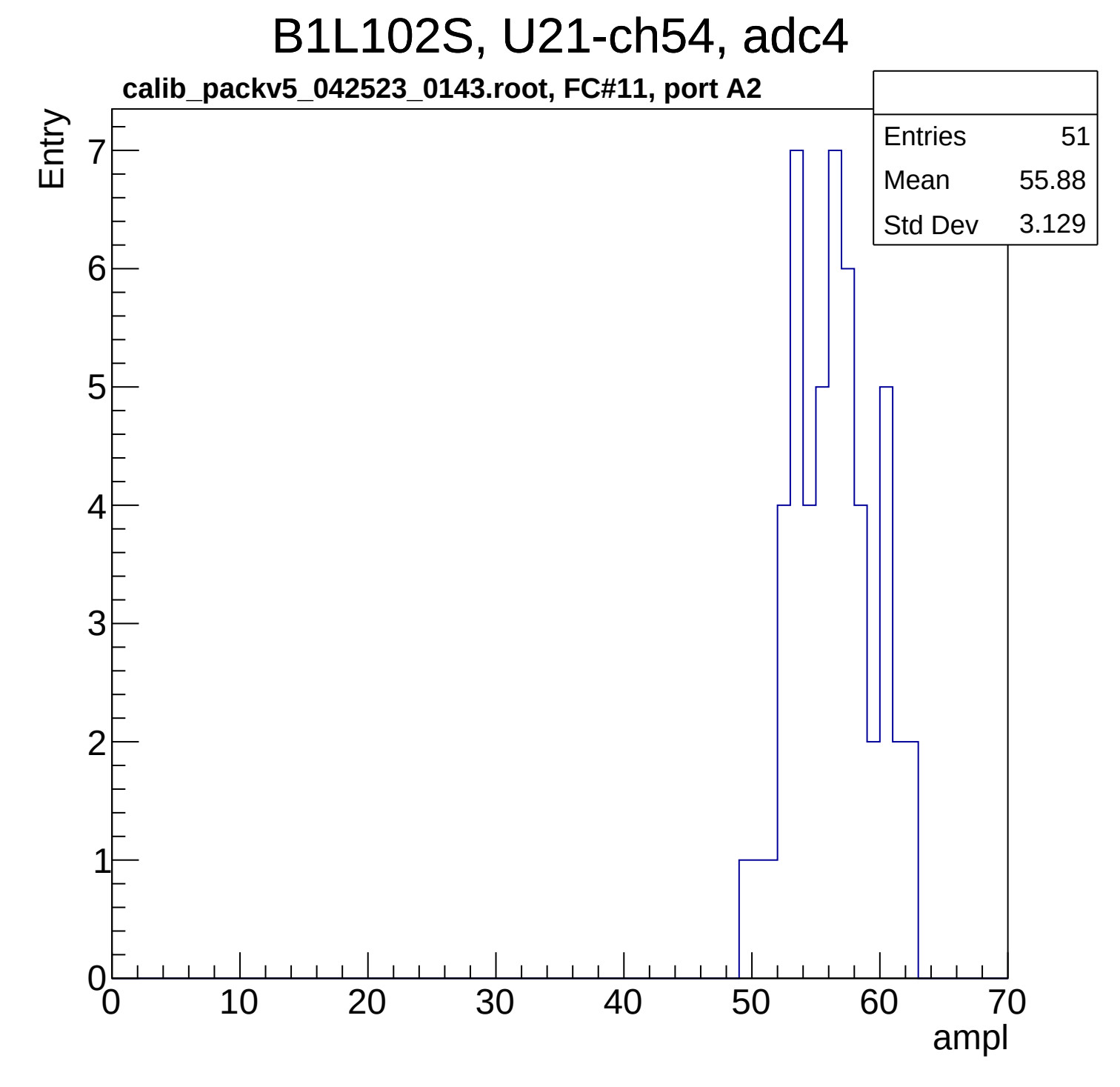
B1L102S, U21-ch54, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 55.88
Std Dev 3.129
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
30
40
50
60
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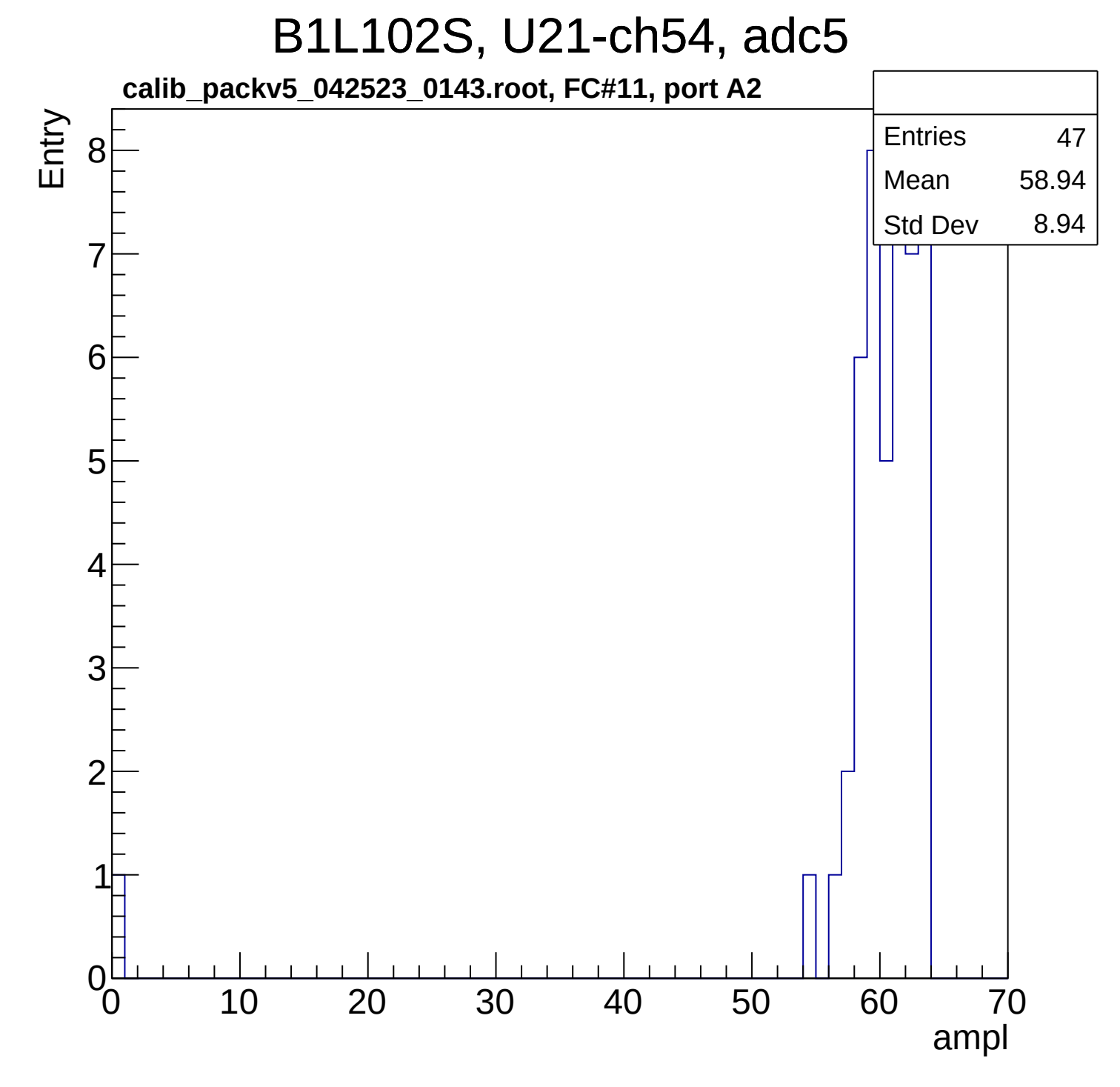
B1L102S, U21-ch54, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 47
Mean 58.94
Std Dev 8.94
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
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40
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60
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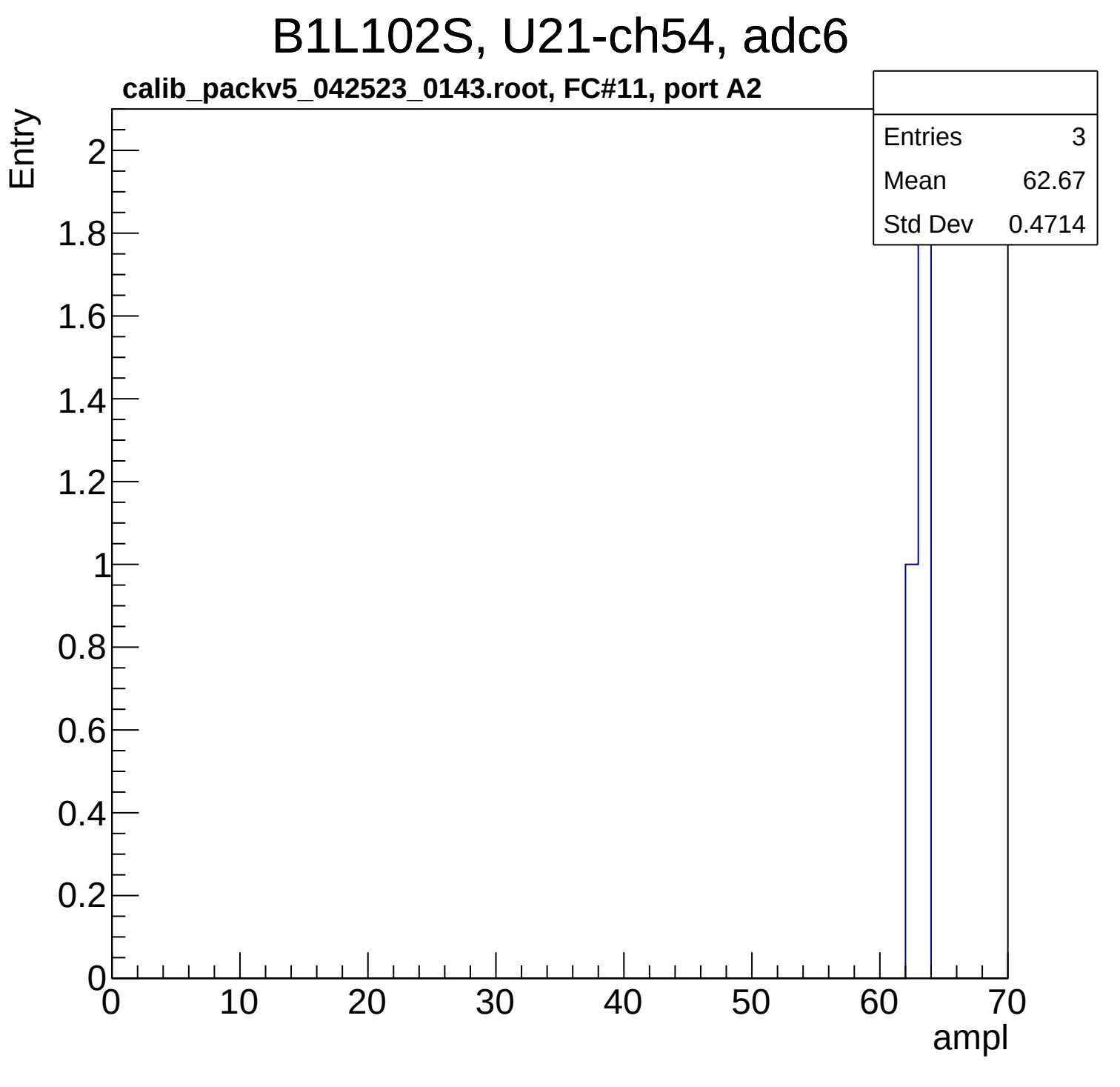
B1L102S, U21-ch54, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 62.67
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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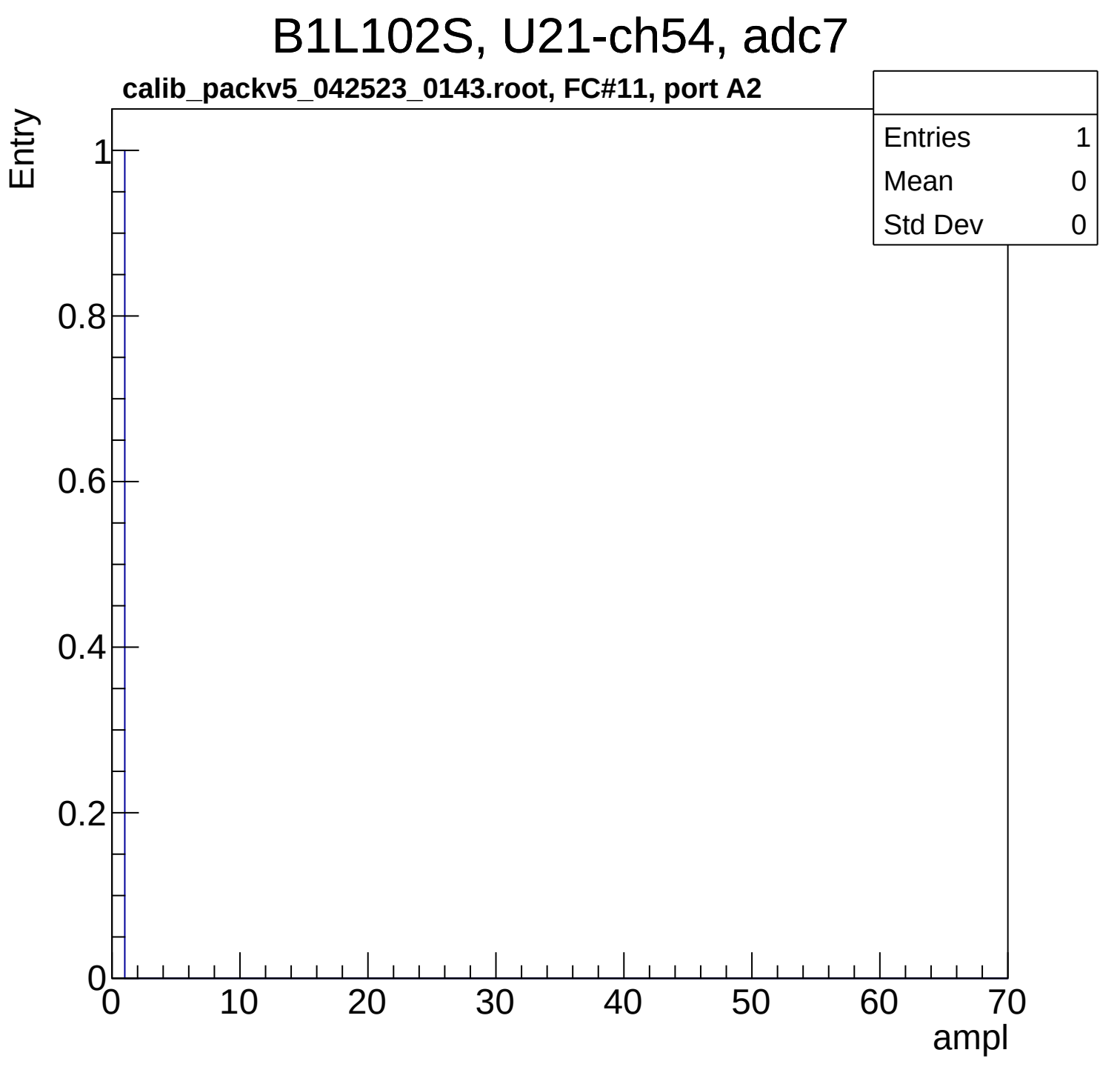
B1L102S, U21-ch54, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 0
Std Dev 0
Entry
1
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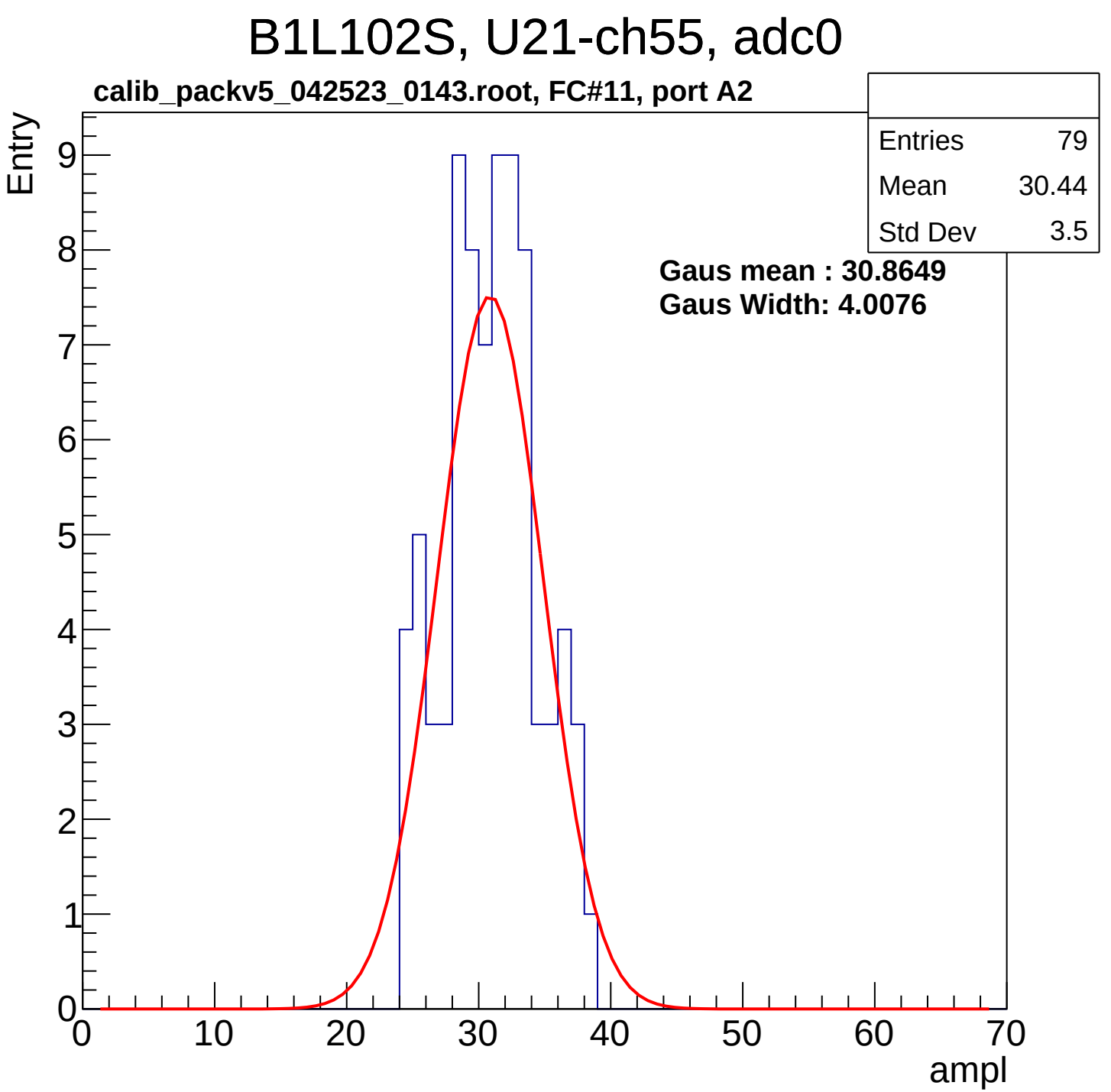
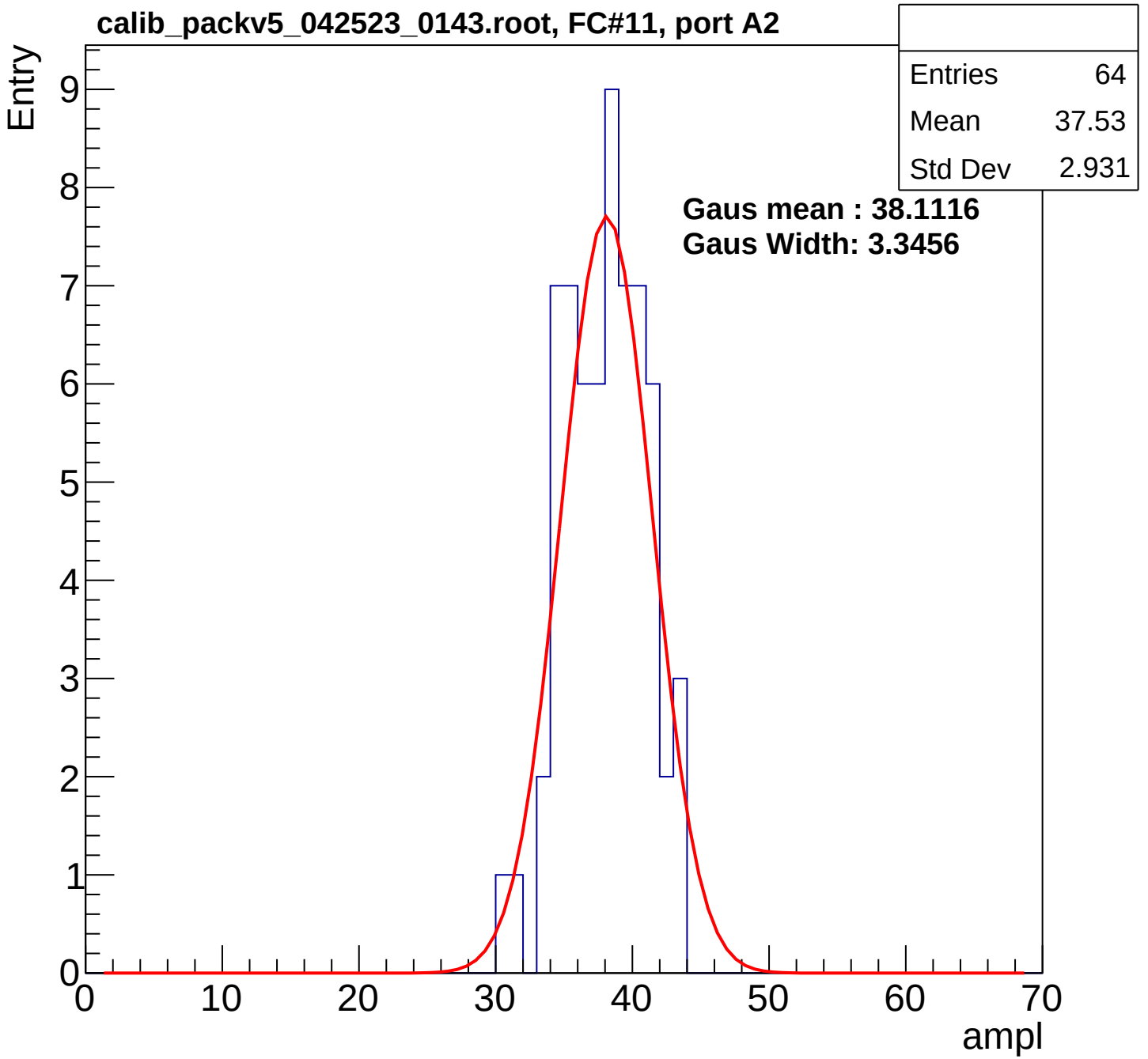
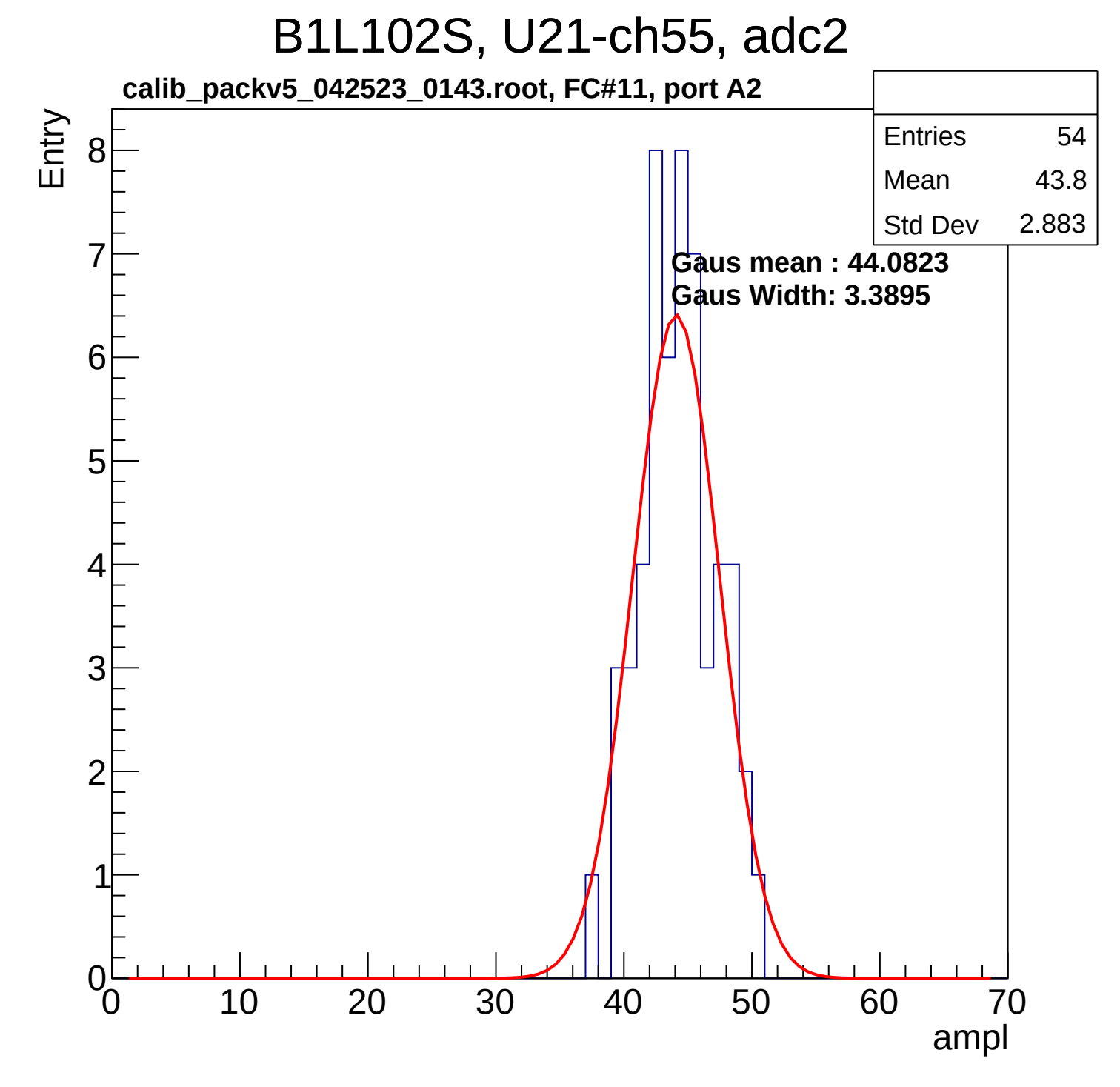
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch55, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 30.44
Std Dev 3.5
Gaus mean : 30.8649
Gaus Width: 4.0076
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch55, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 37.53
Std Dev 2.931
Gaus mean : 38.1116
Gaus Width: 3.3456
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch55, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 43.8
Std Dev 2.883
Gaus mean : 44.0823
Gaus Width: 3.3895
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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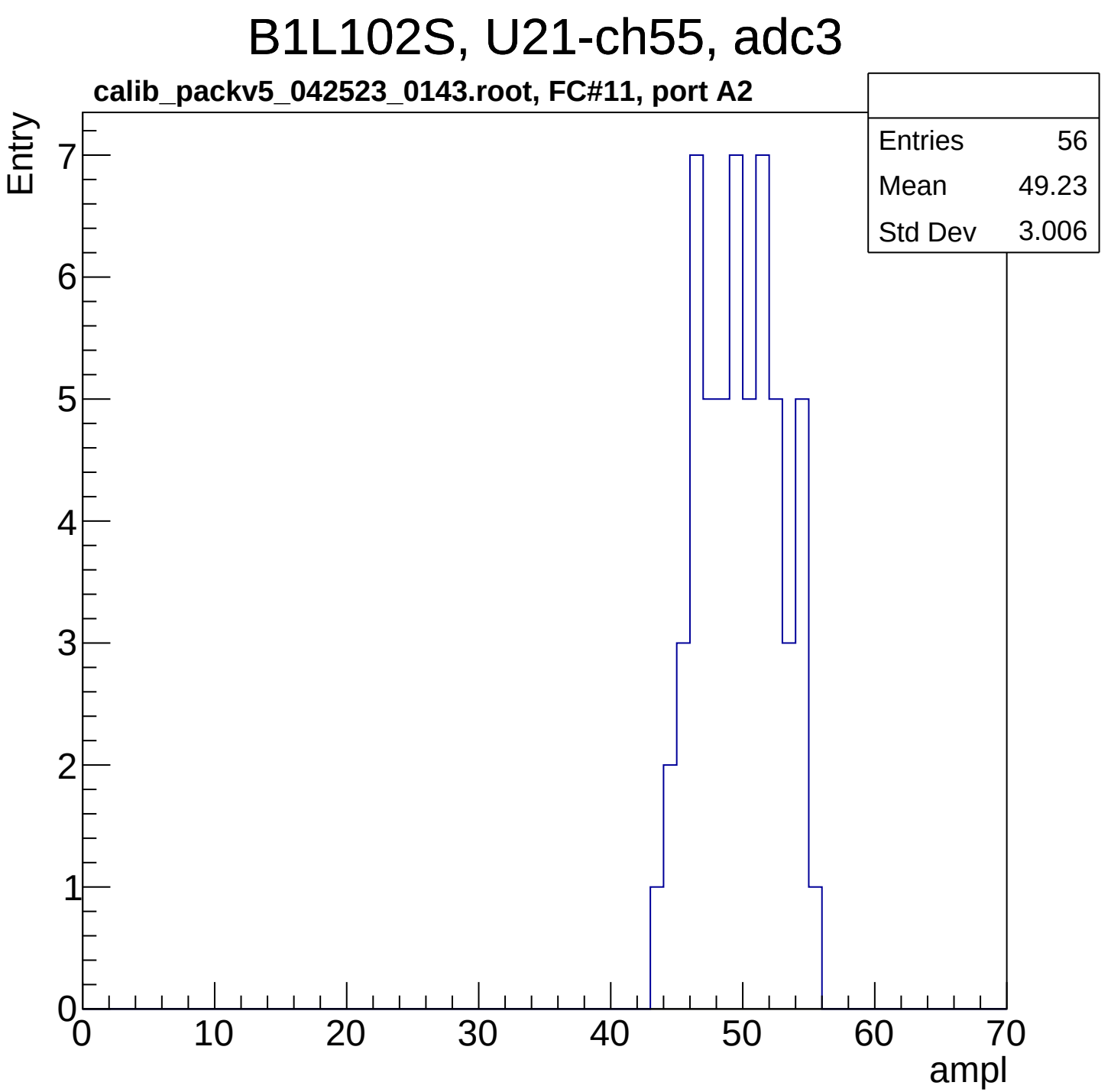
B1L102S, U21-ch55, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 49.23
Std Dev 3.006
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
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40
50
60
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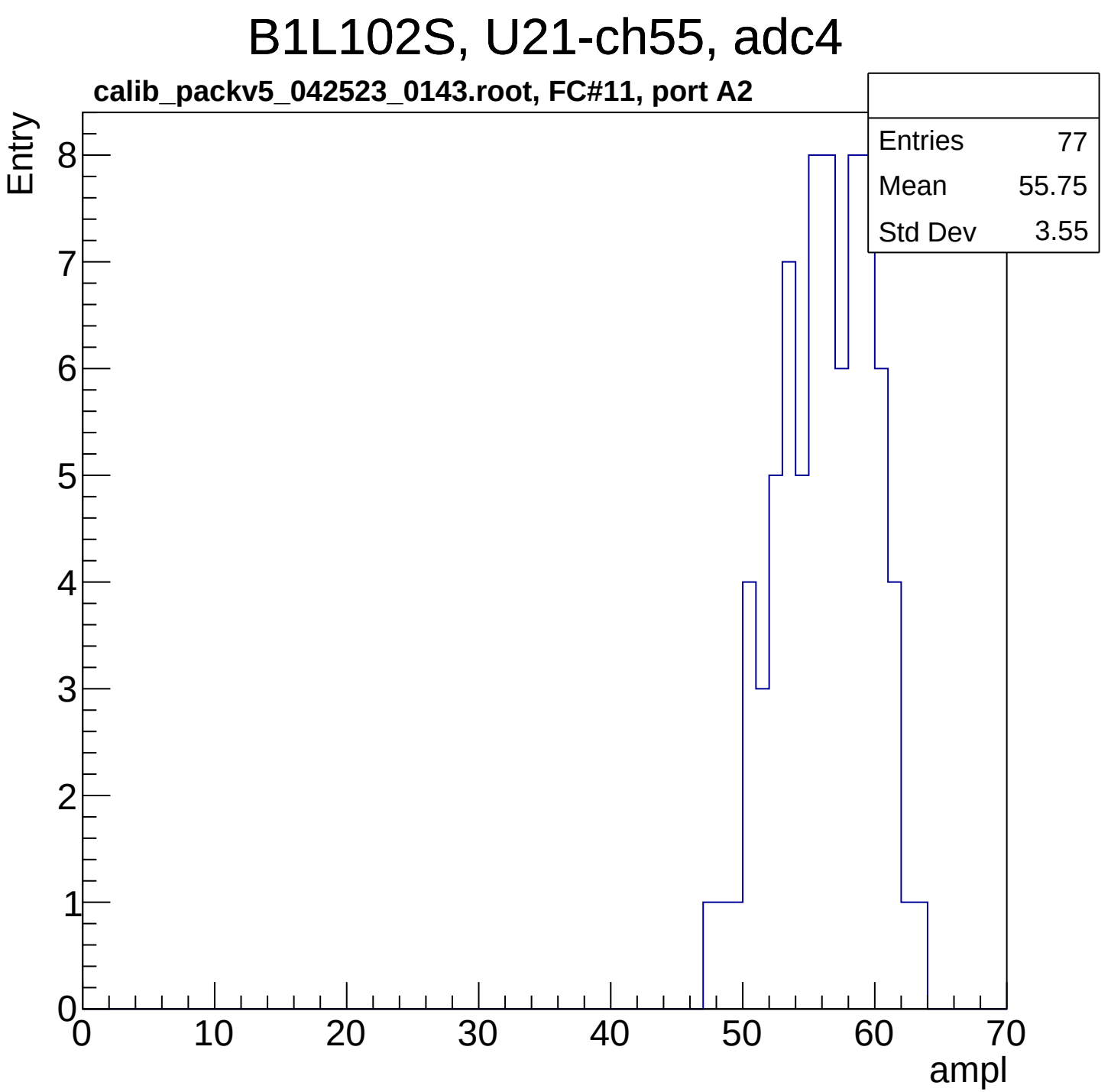
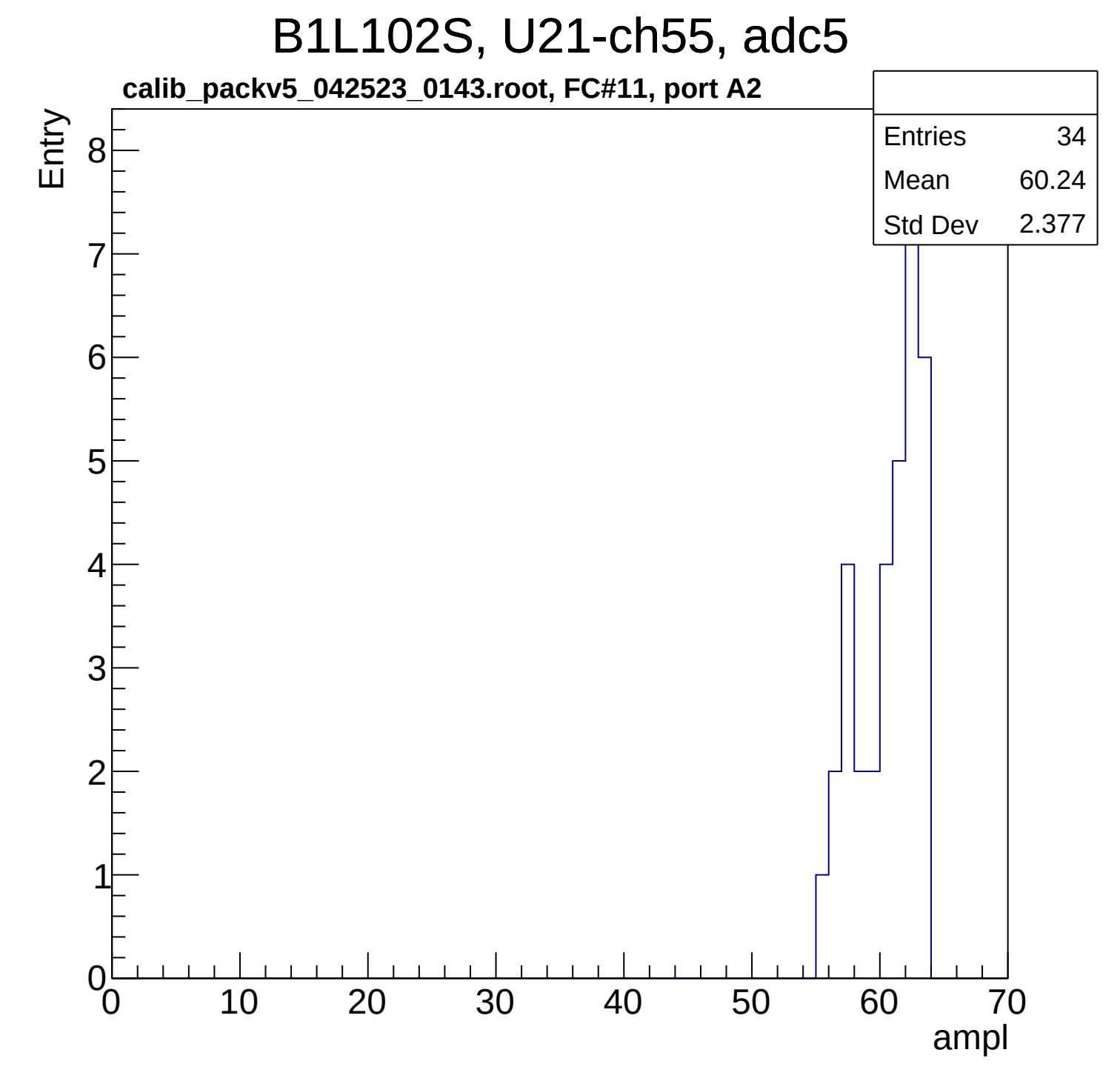

B1L102S, U21-ch55, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 55.75
Std Dev 3.55
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch55, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 34
Mean 60.24
Std Dev 2.377
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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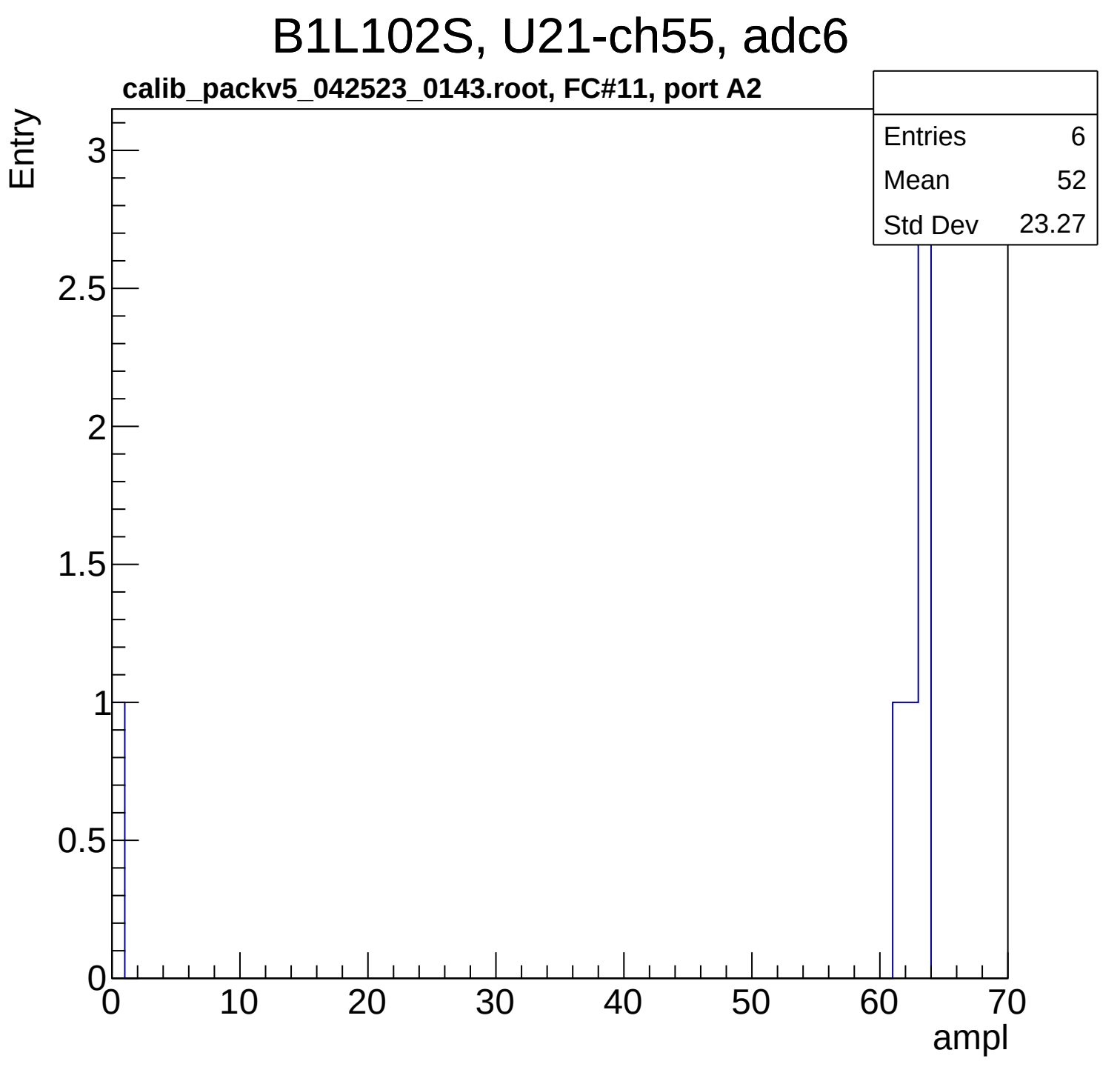
B1L102S, U21-ch55, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 6
Mean 52
Std Dev 23.27
Entry
ampl
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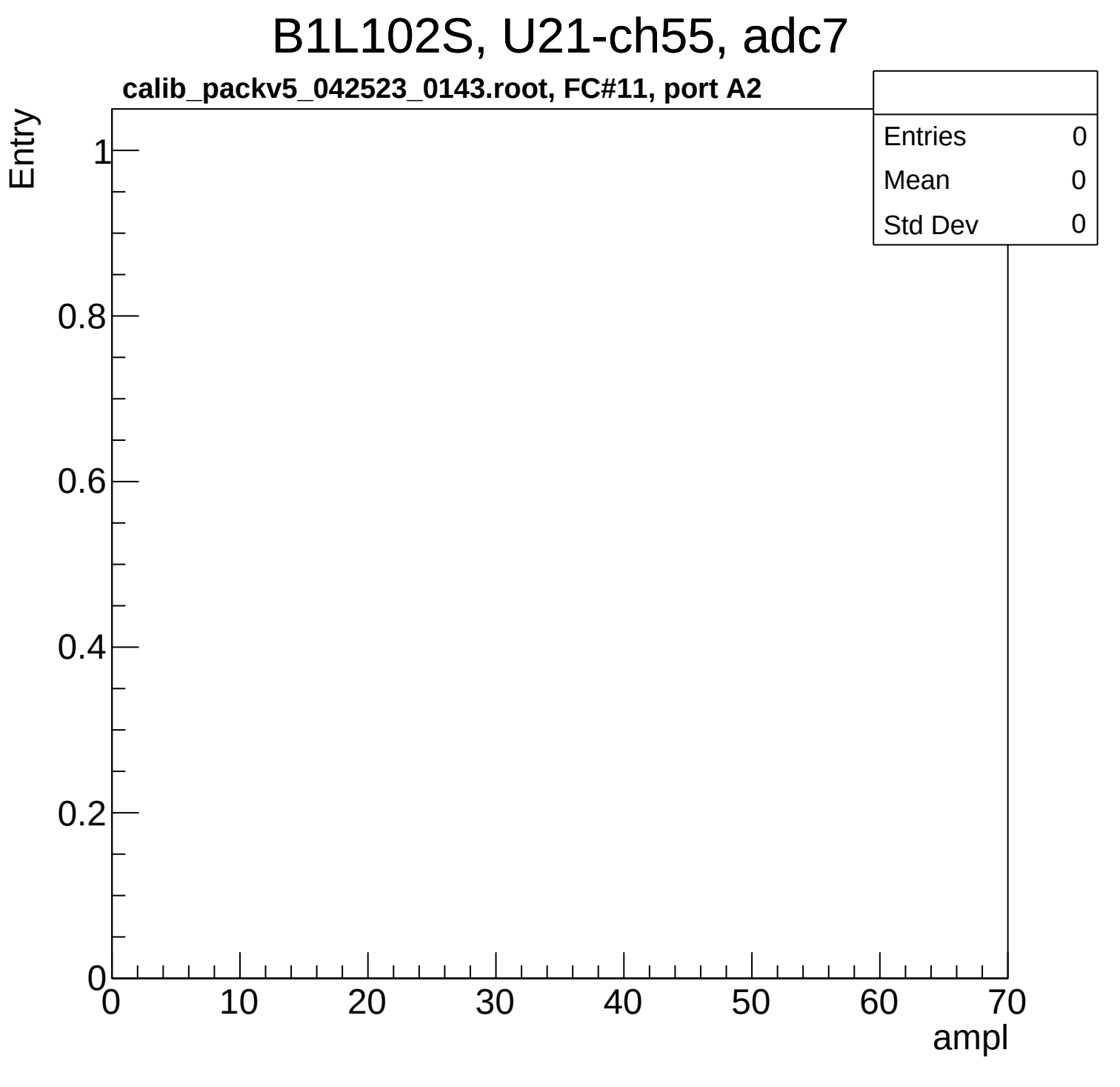
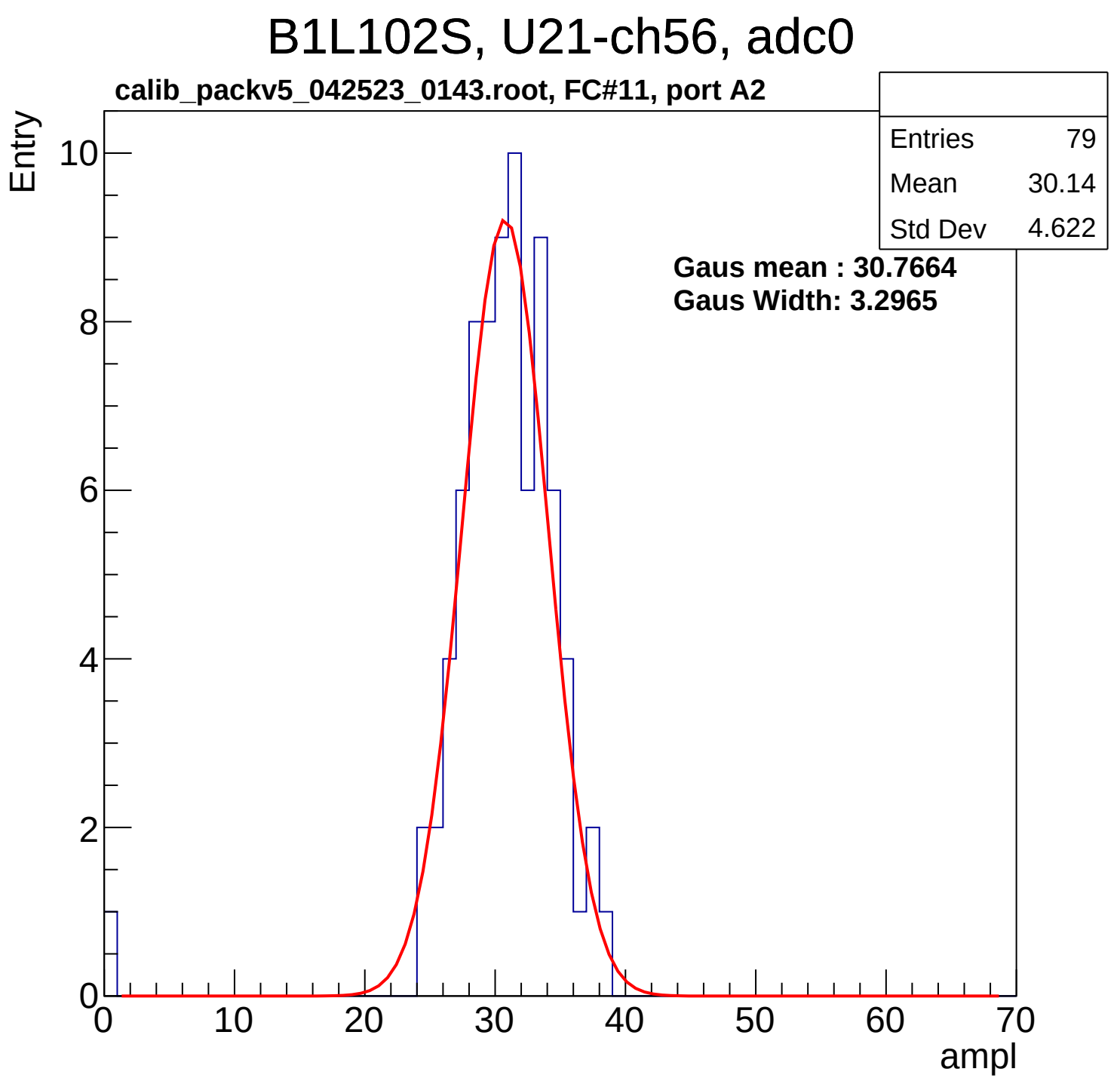
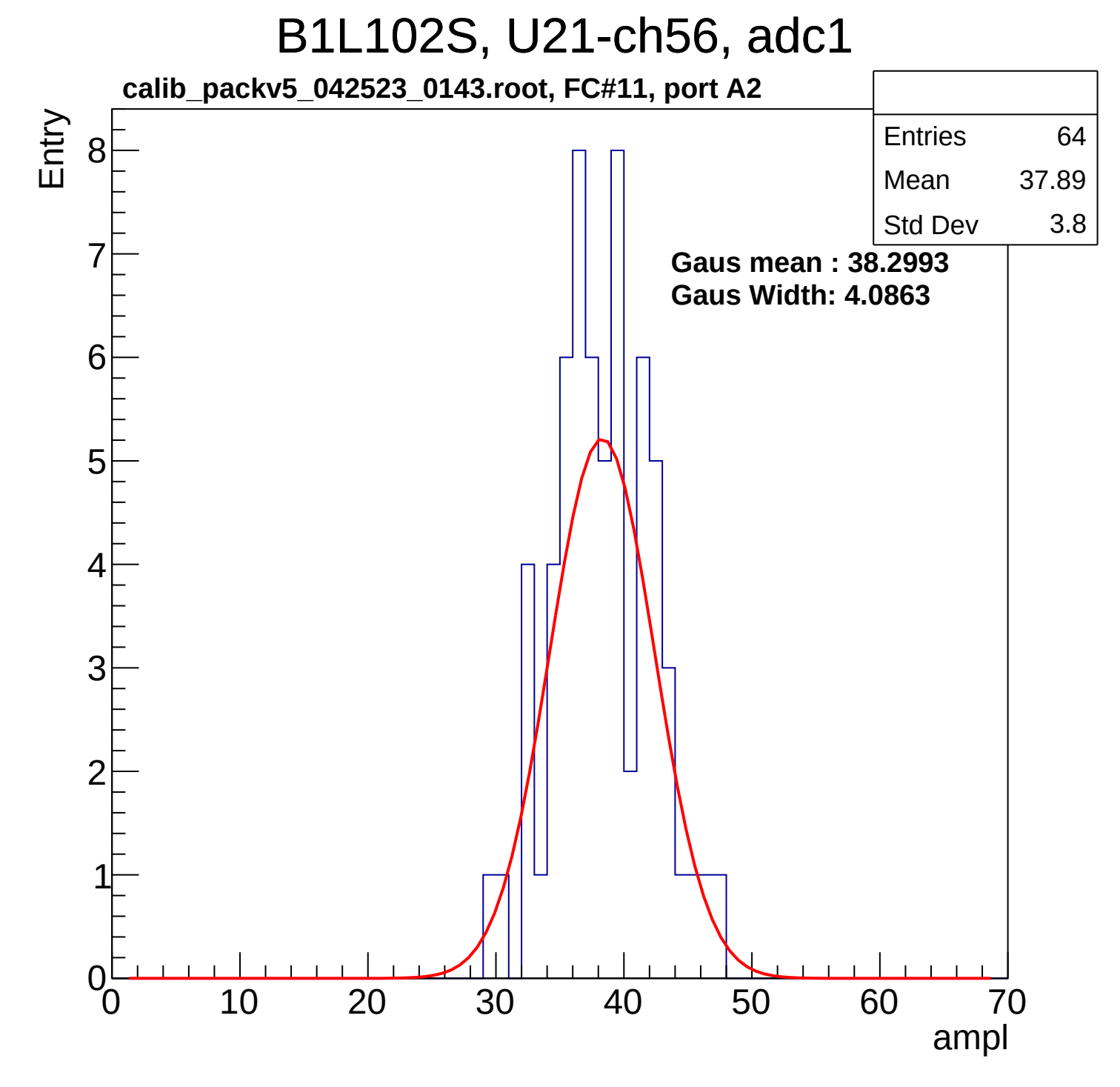
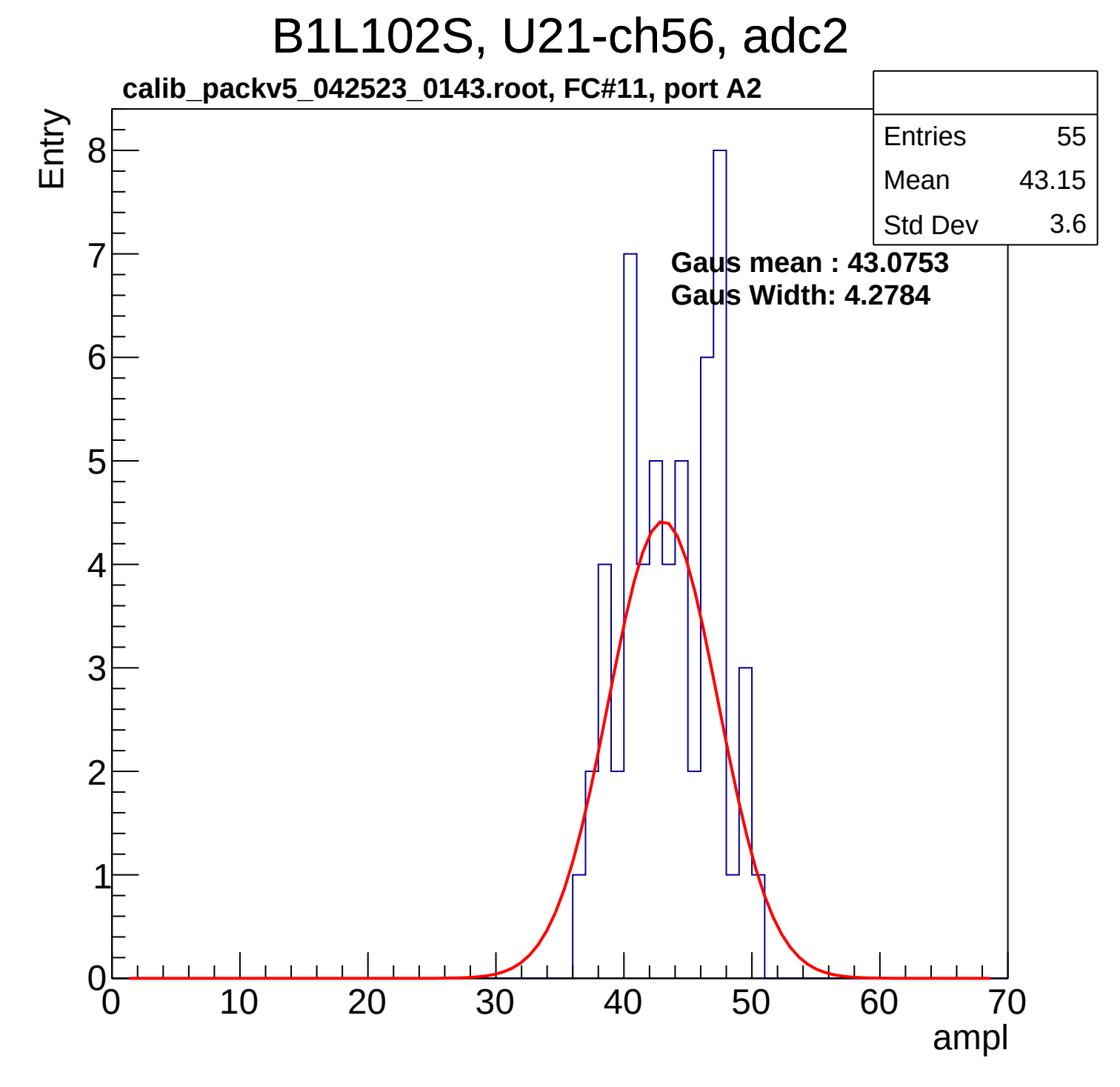
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U21-ch55, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch56, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 30.14
Std Dev 4.622
Gaus mean : 30.7664
Gaus Width: 3.2965
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch56, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 37.89
Std Dev 3.8
Gaus mean : 38.2993
Gaus Width: 4.0863
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch56, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 43.15
Std Dev 3.6
Gaus mean : 43.0753
Gaus Width: 4.2784
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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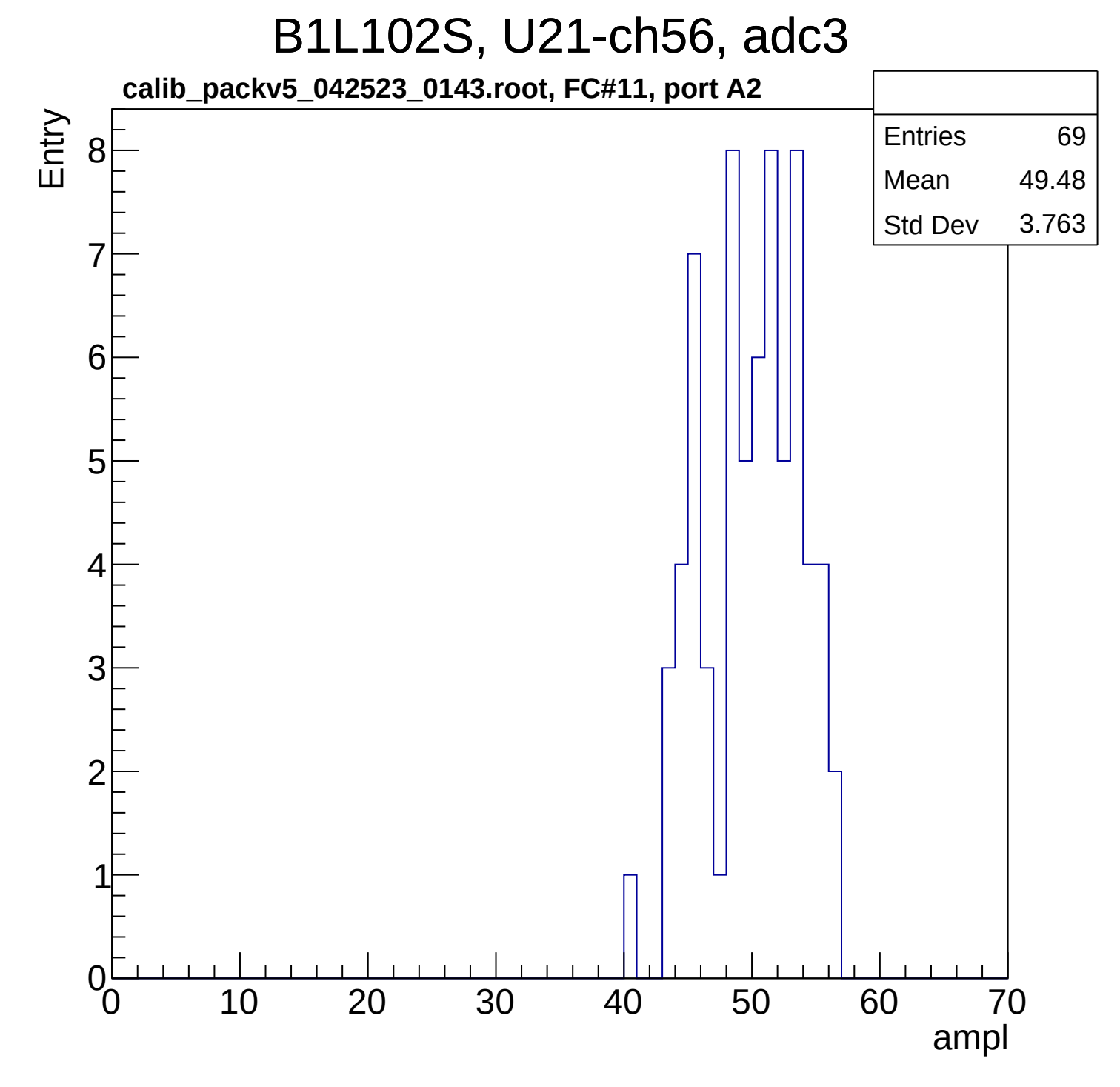
B1L102S, U21-ch56, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 49.48
Std Dev 3.763
Entry
ampl
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7
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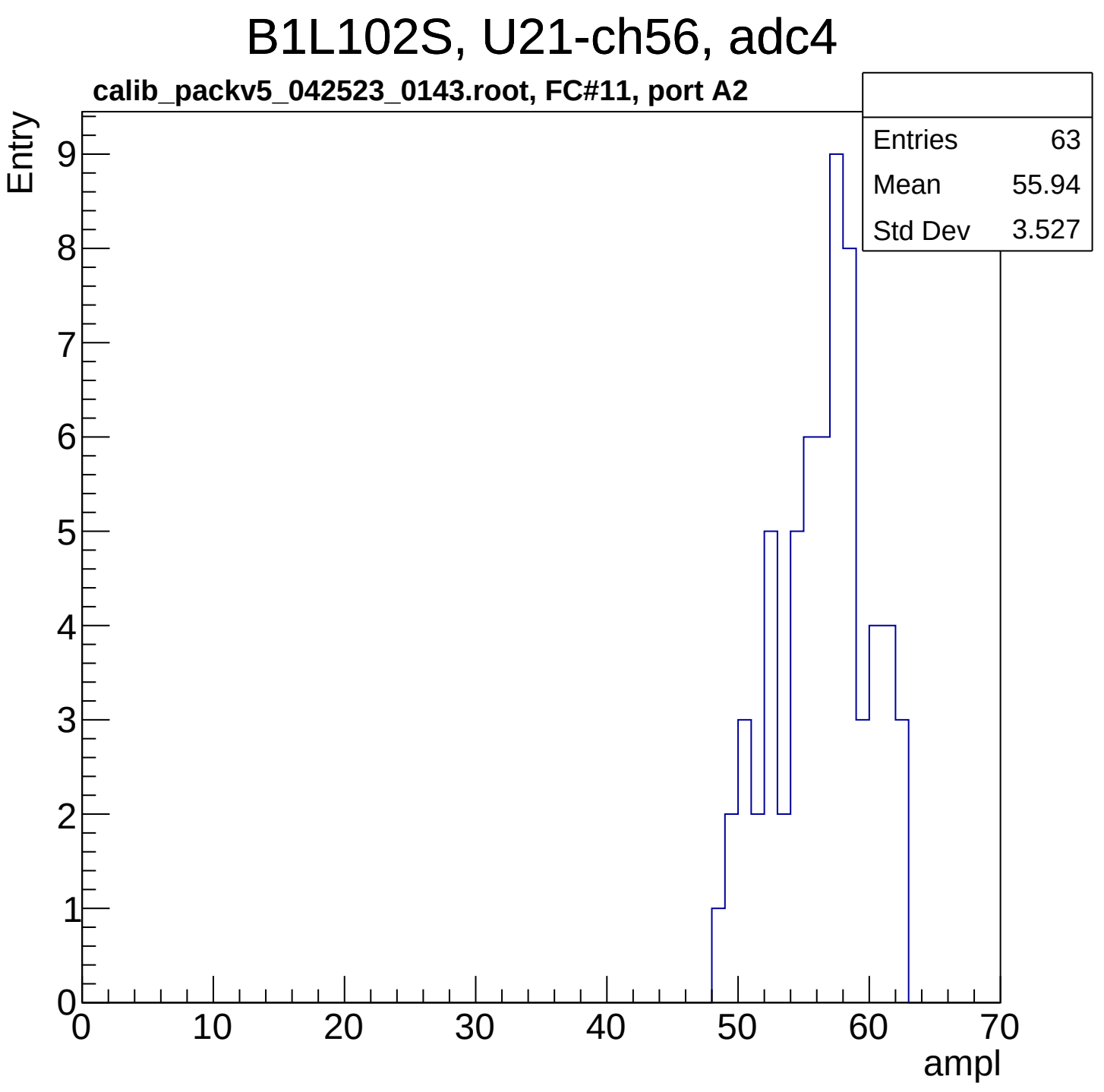
B1L102S, U21-ch56, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 55.94
Std Dev 3.527
Entry
ampl
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6
7
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60
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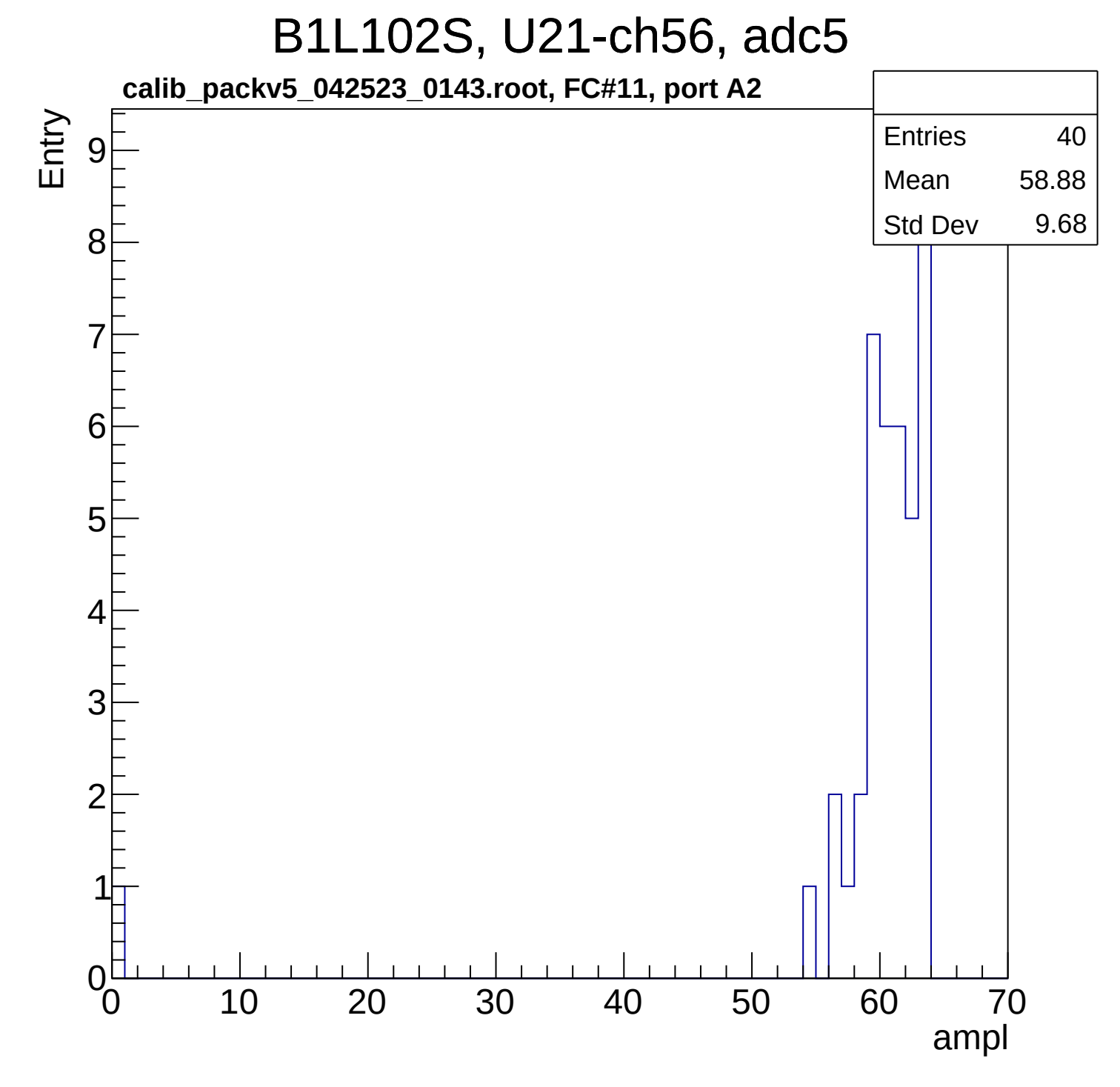
B1L102S, U21-ch56, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 40
Mean 58.88
Std Dev 9.68
Entry
ampl
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3
4
5
6
7
8
9
0
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20
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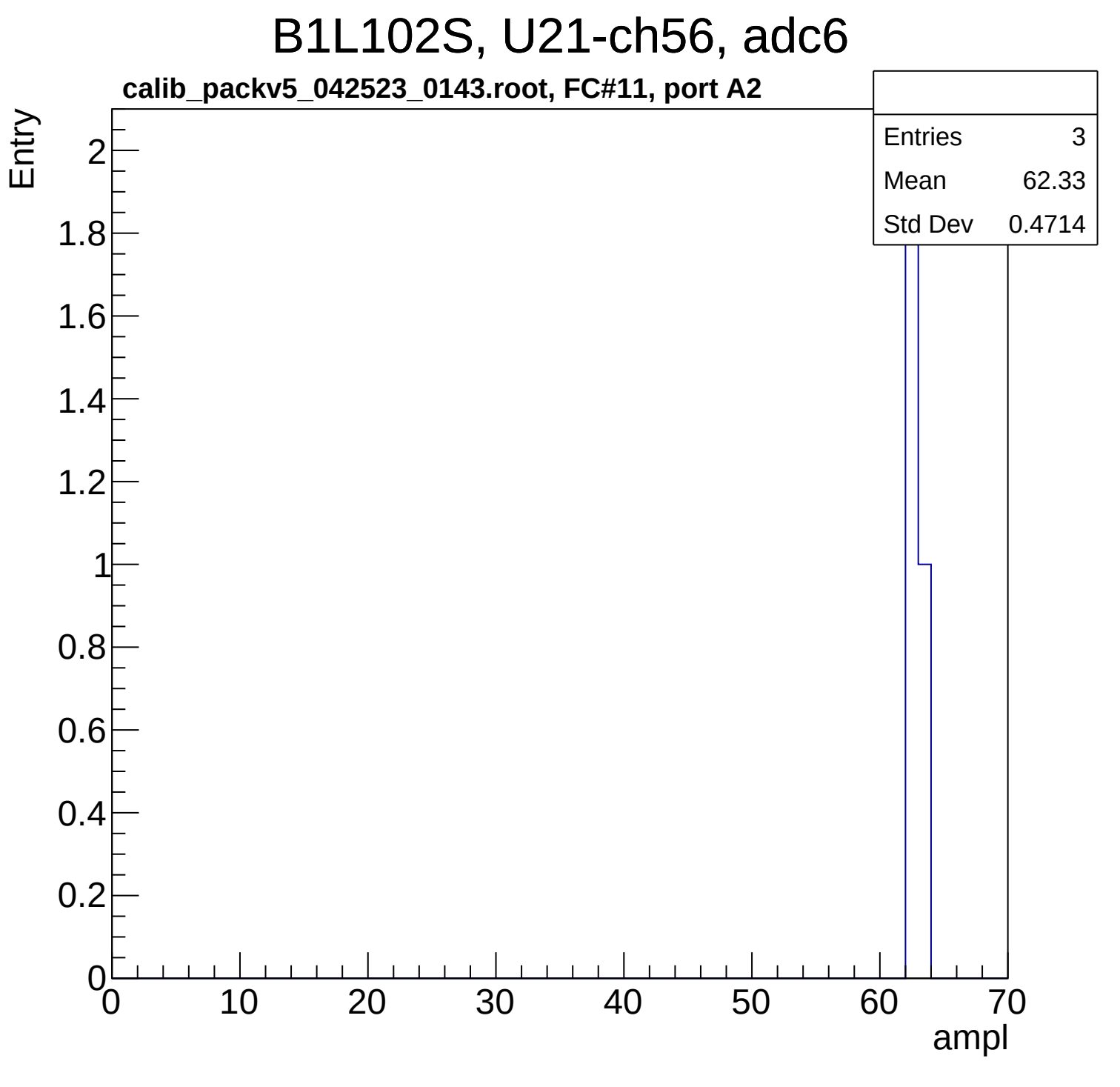
40
50
60
70


B1L102S, U21-ch56, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 62.33
Std Dev 0.4714
Entry
ampl
0
0.2
0.4
0.6
0.8
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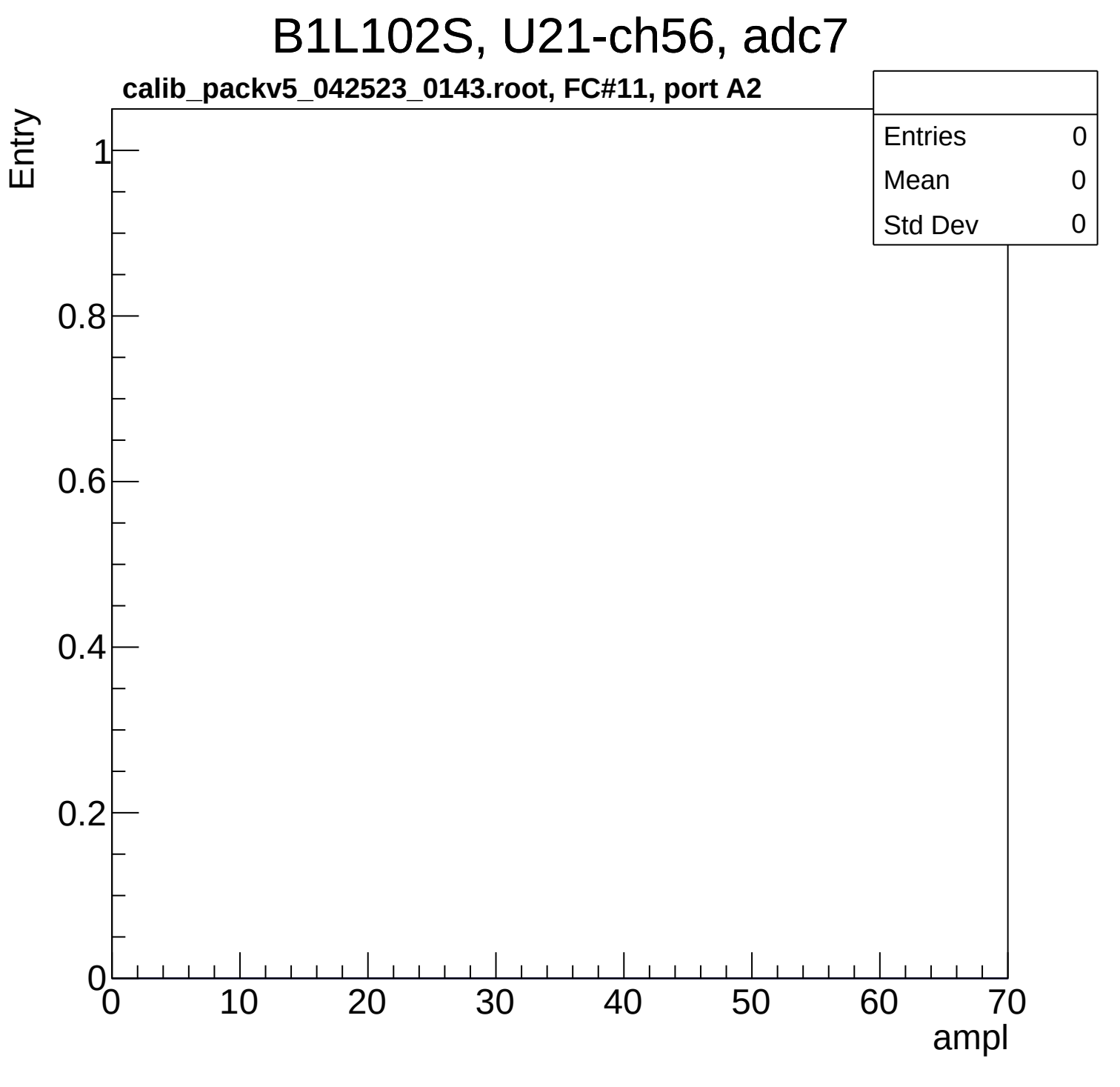
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L102S, U21-ch56, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
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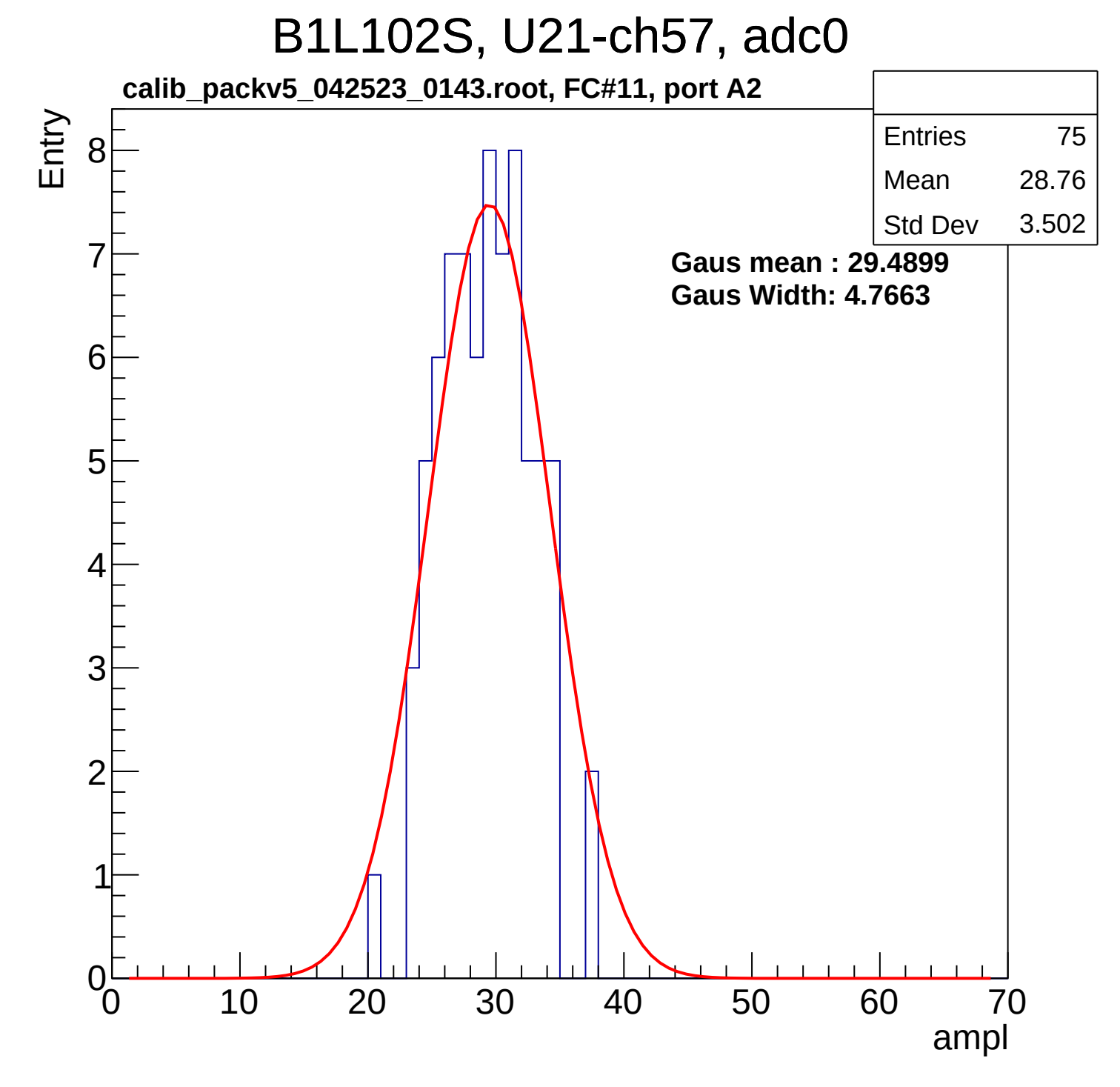
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch57, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 28.76
Std Dev 3.502
Gaus mean : 29.4899
Gaus Width: 4.7663
Entry
ampl
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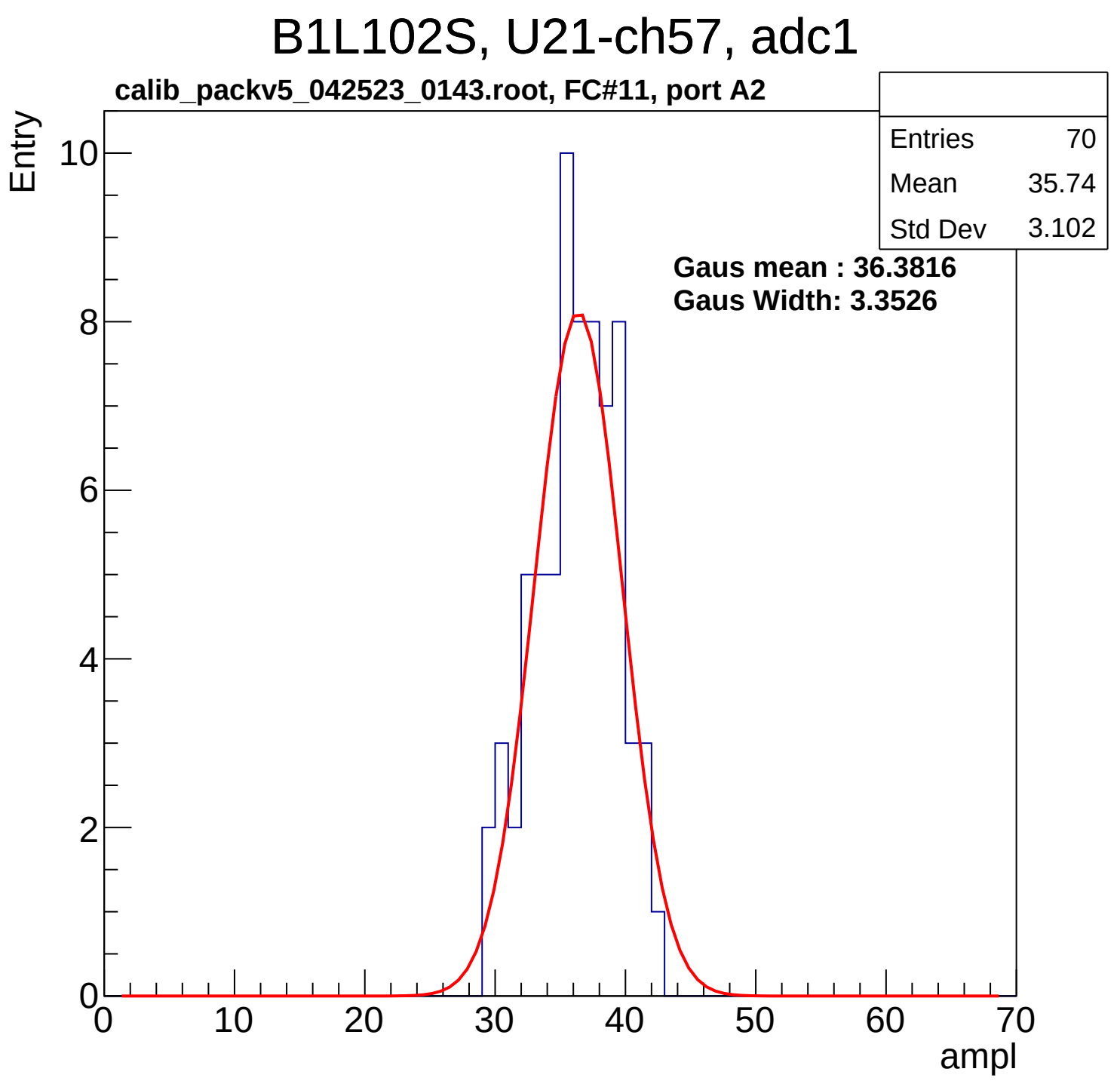
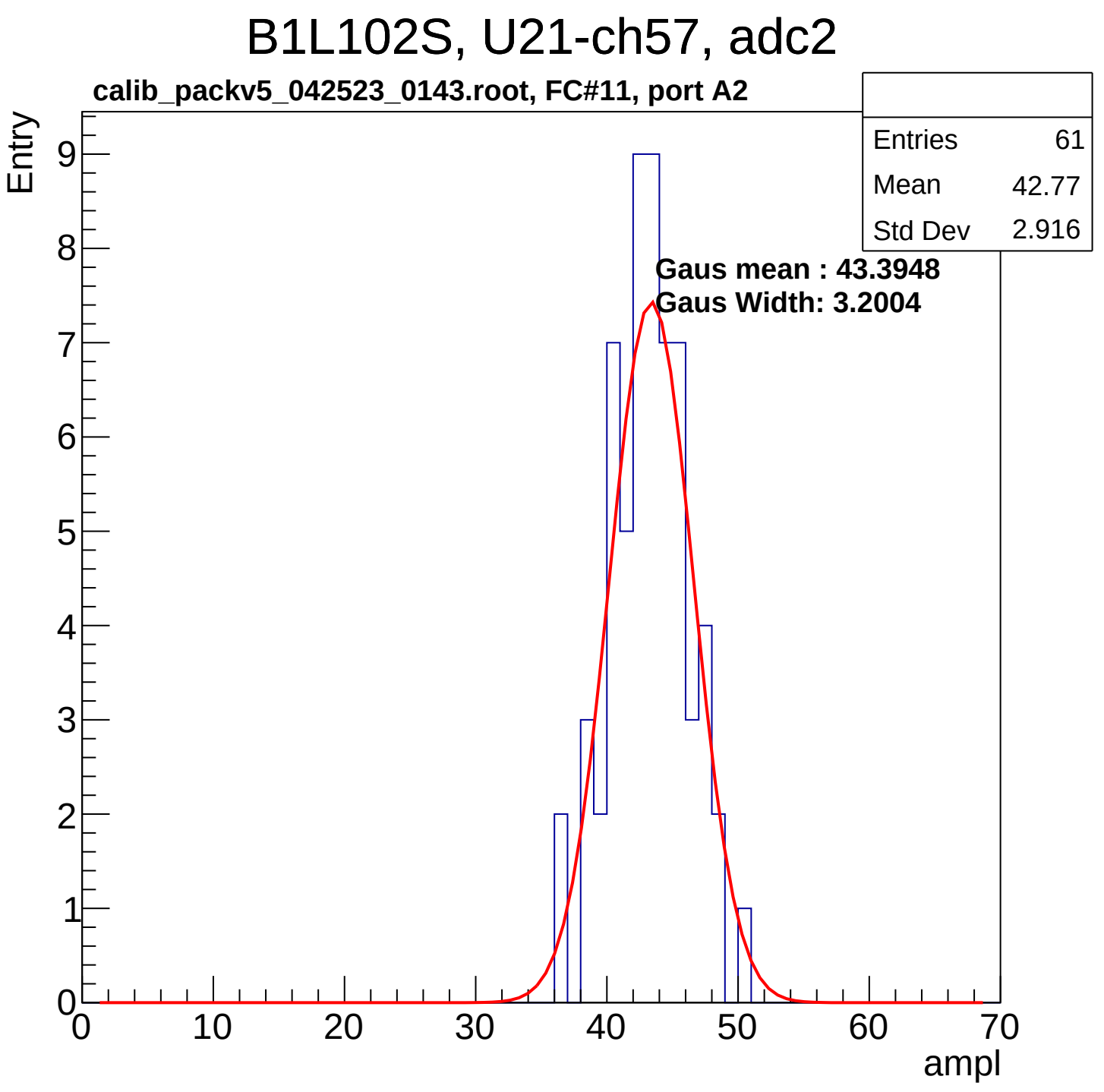
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch57, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 35.74
Std Dev 3.102
Gaus mean : 36.3816
Gaus Width: 3.3526
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch57, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 42.77
Std Dev 2.916
Gaus mean : 43.3948
Gaus Width: 3.2004
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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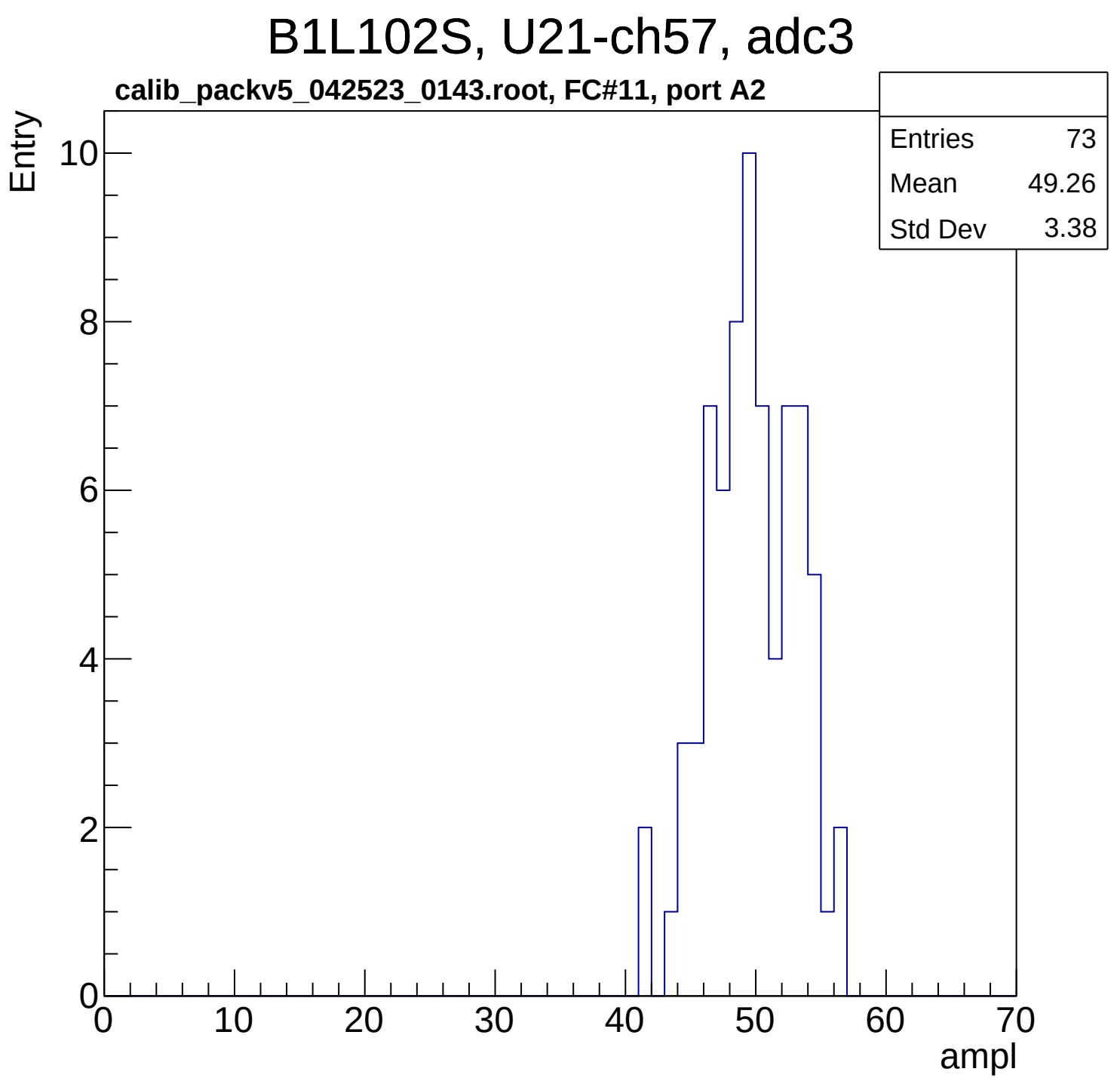
B1L102S, U21-ch57, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 49.26
Std Dev 3.38
Entry
0
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4
6
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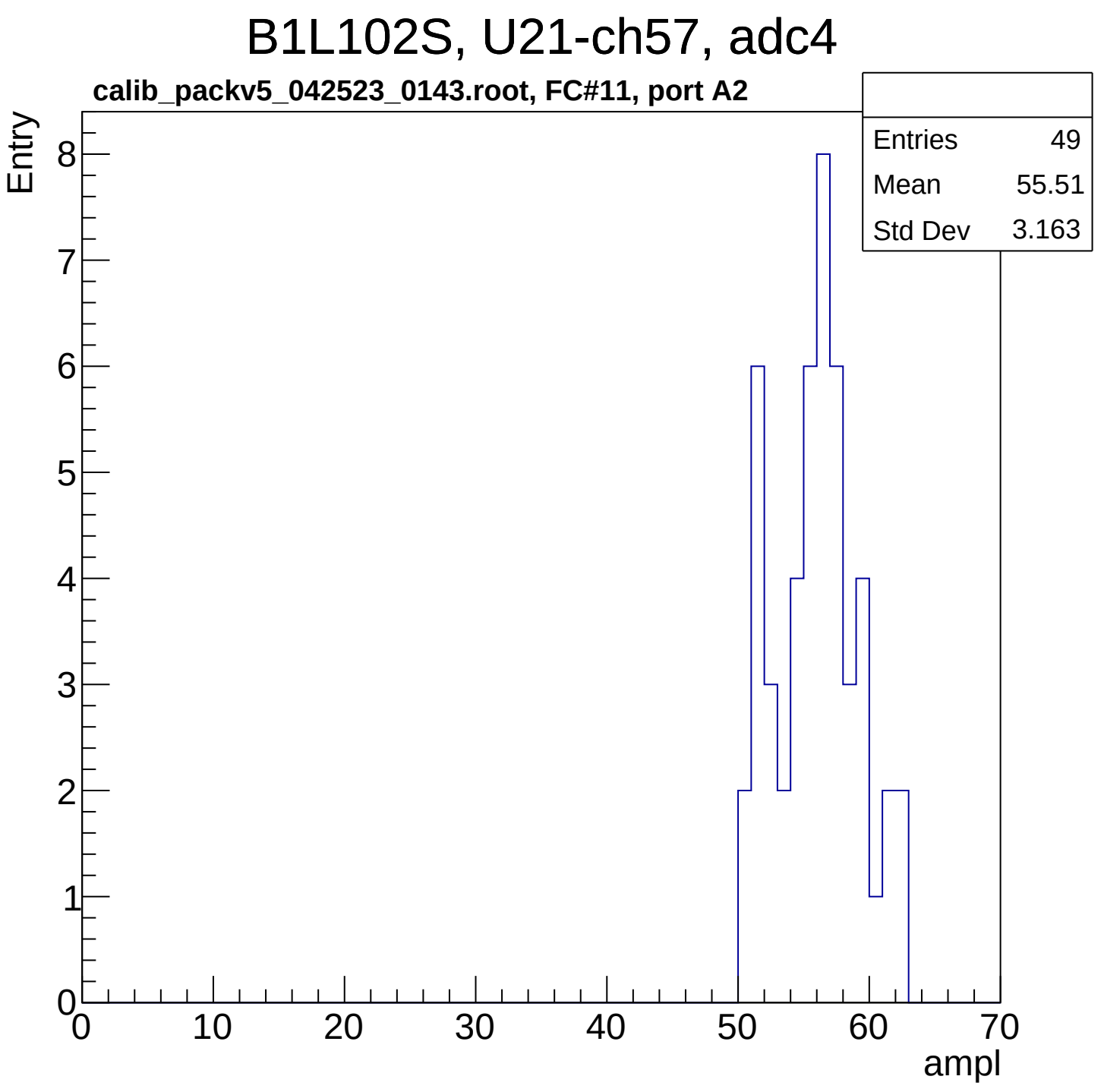
ampl


B1L102S, U21-ch57, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 55.51
Std Dev 3.163
Entry
ampl
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2
3
4
5
6
7
8
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10
20
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40
50
60
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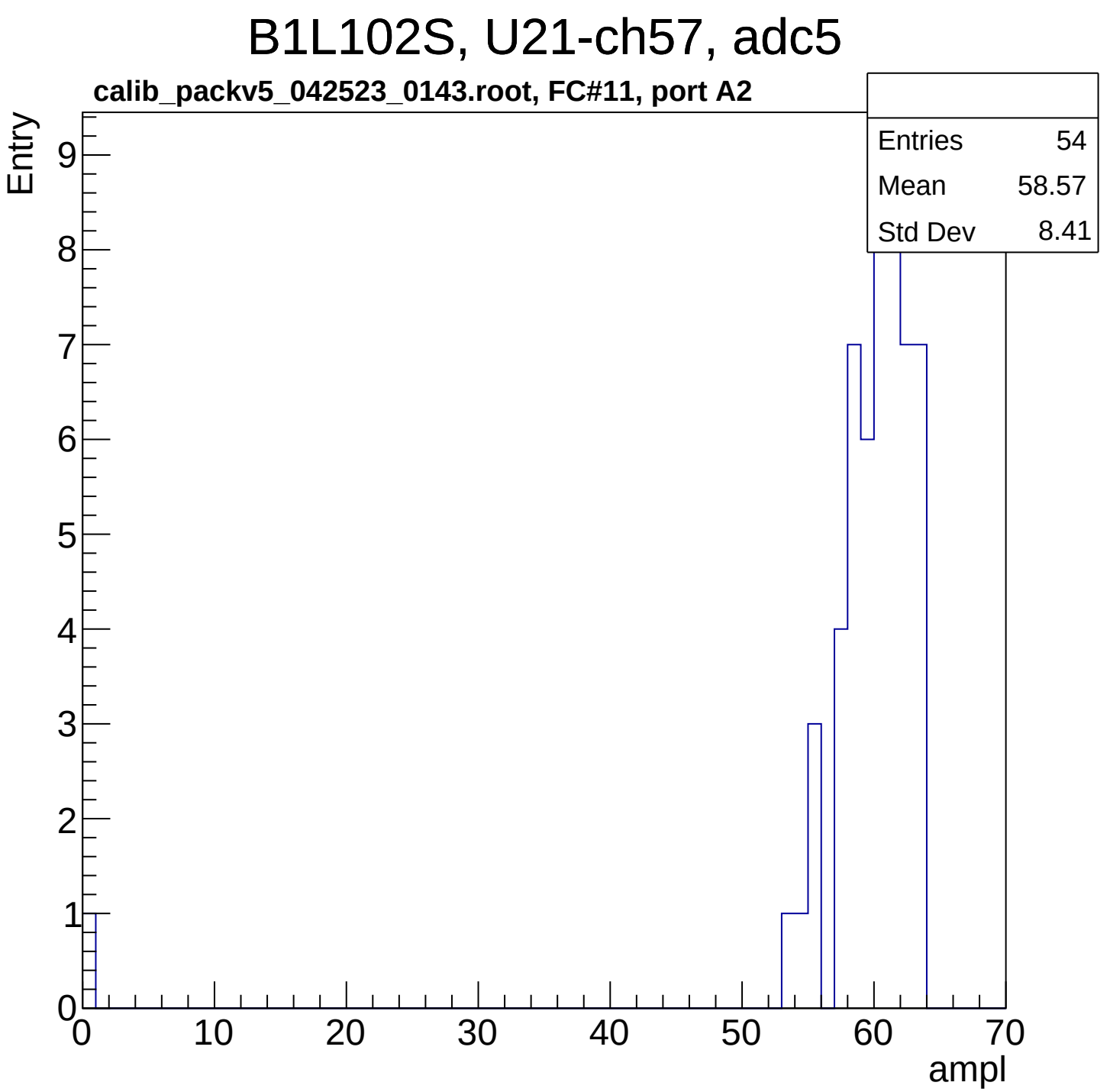
B1L102S, U21-ch57, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 58.57
Std Dev 8.41
Entry
ampl
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2
3
4
5
6
7
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0
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40
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60
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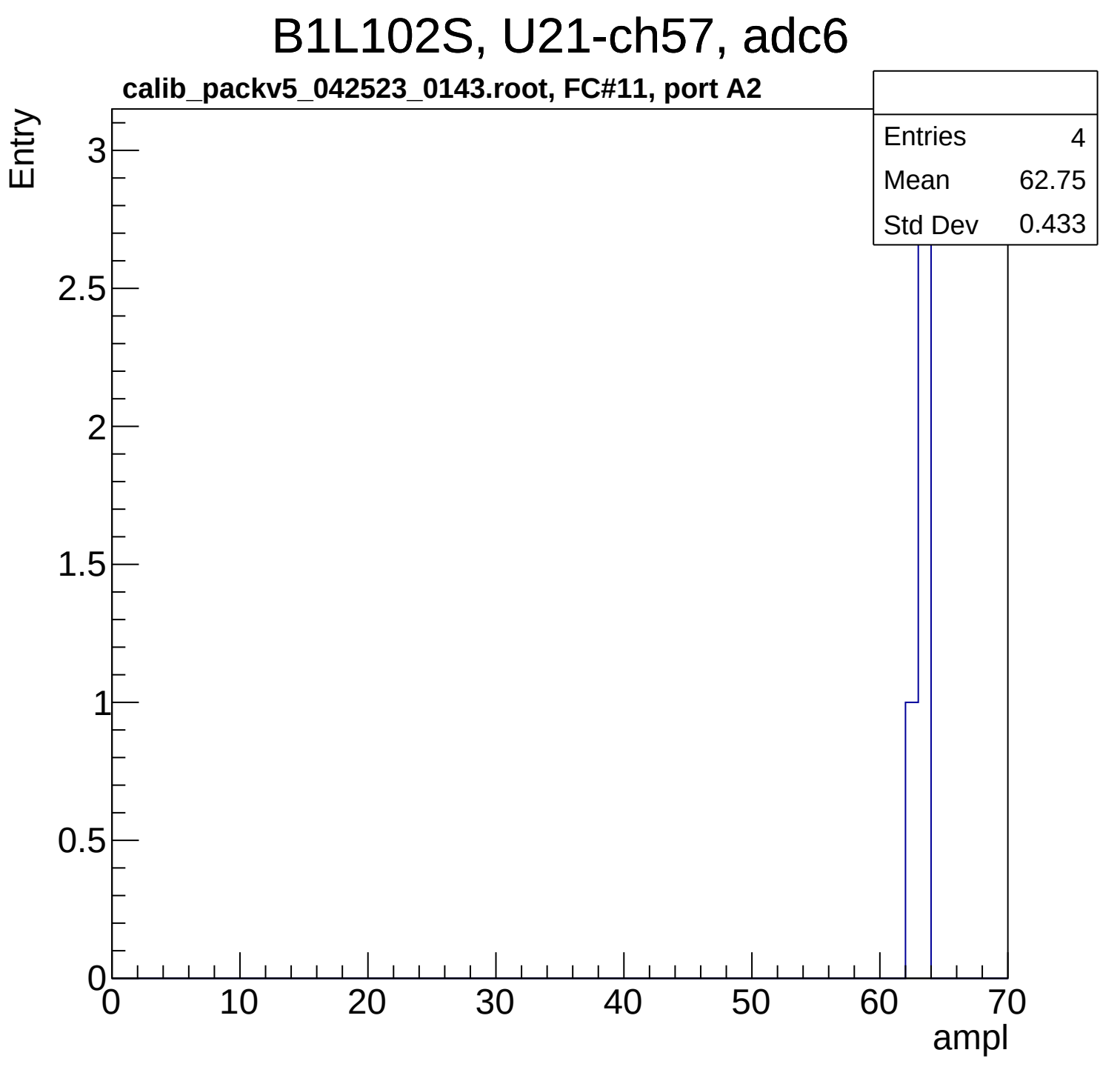
B1L102S, U21-ch57, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 62.75
Std Dev 0.433
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
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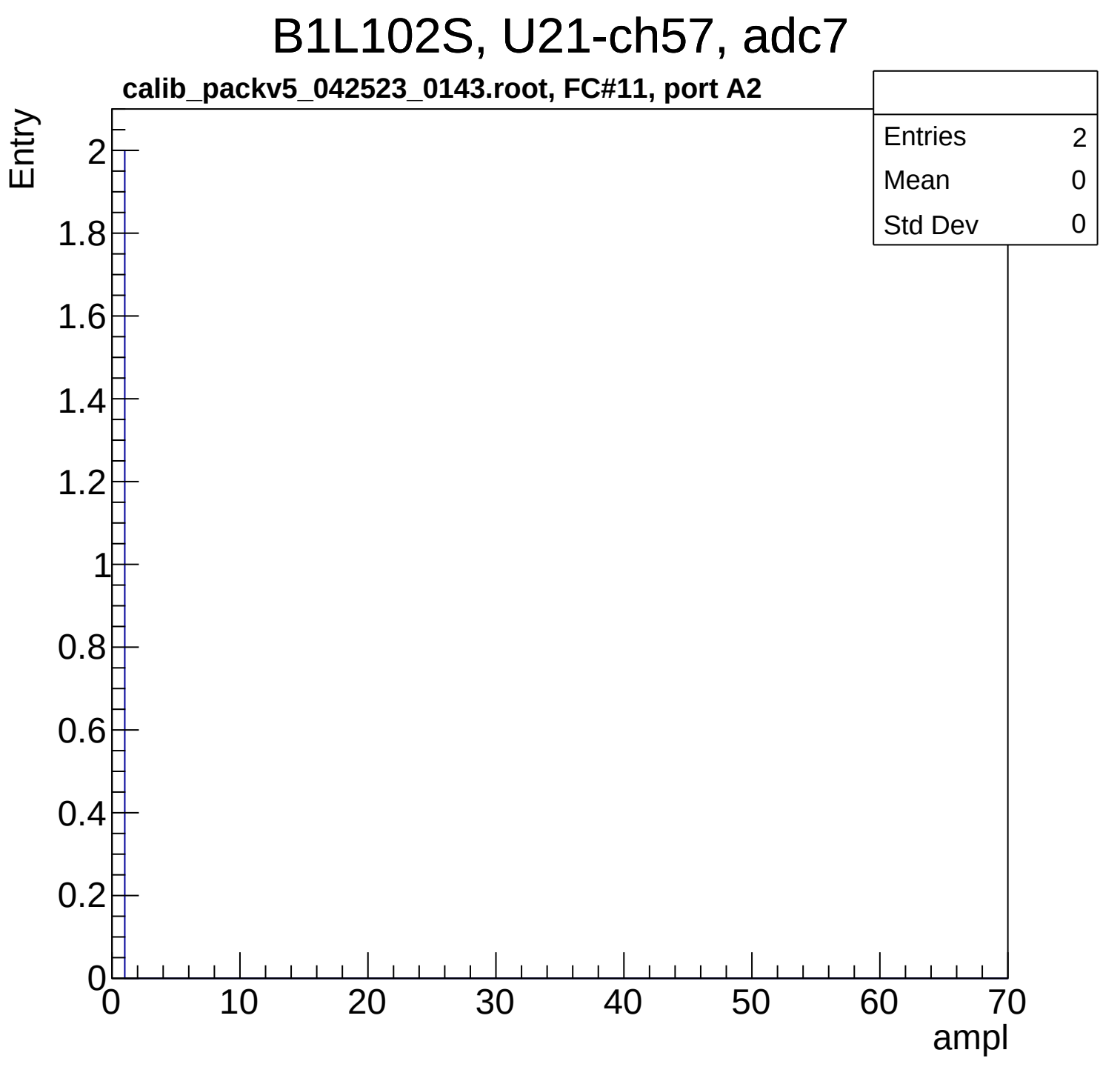
40
50
60
70


B1L102S, U21-ch57, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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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40
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60
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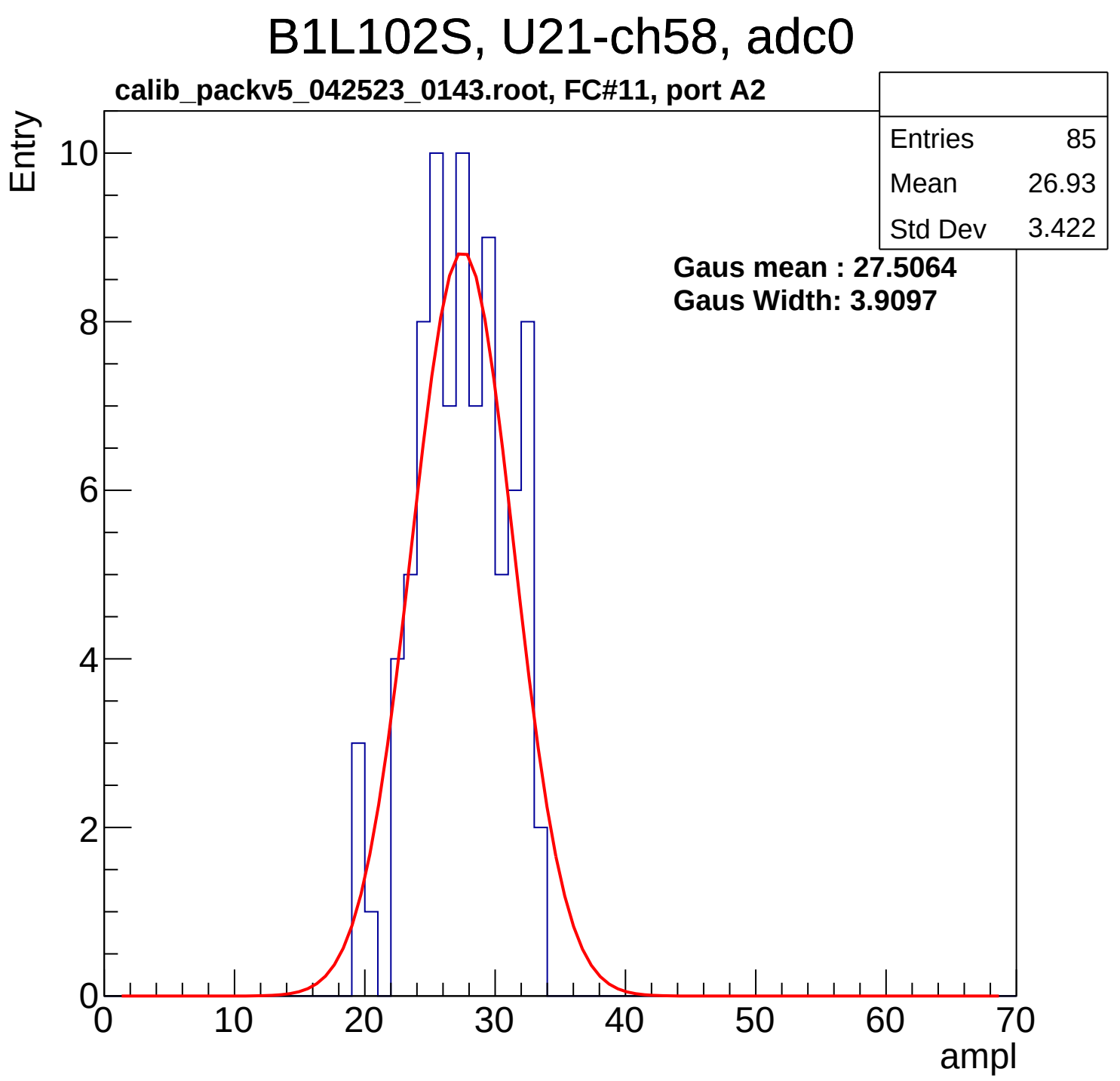
B1L102S, U21-ch58, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 85
Mean 26.93
Std Dev 3.422
Gaus mean : 27.5064
Gaus Width: 3.9097
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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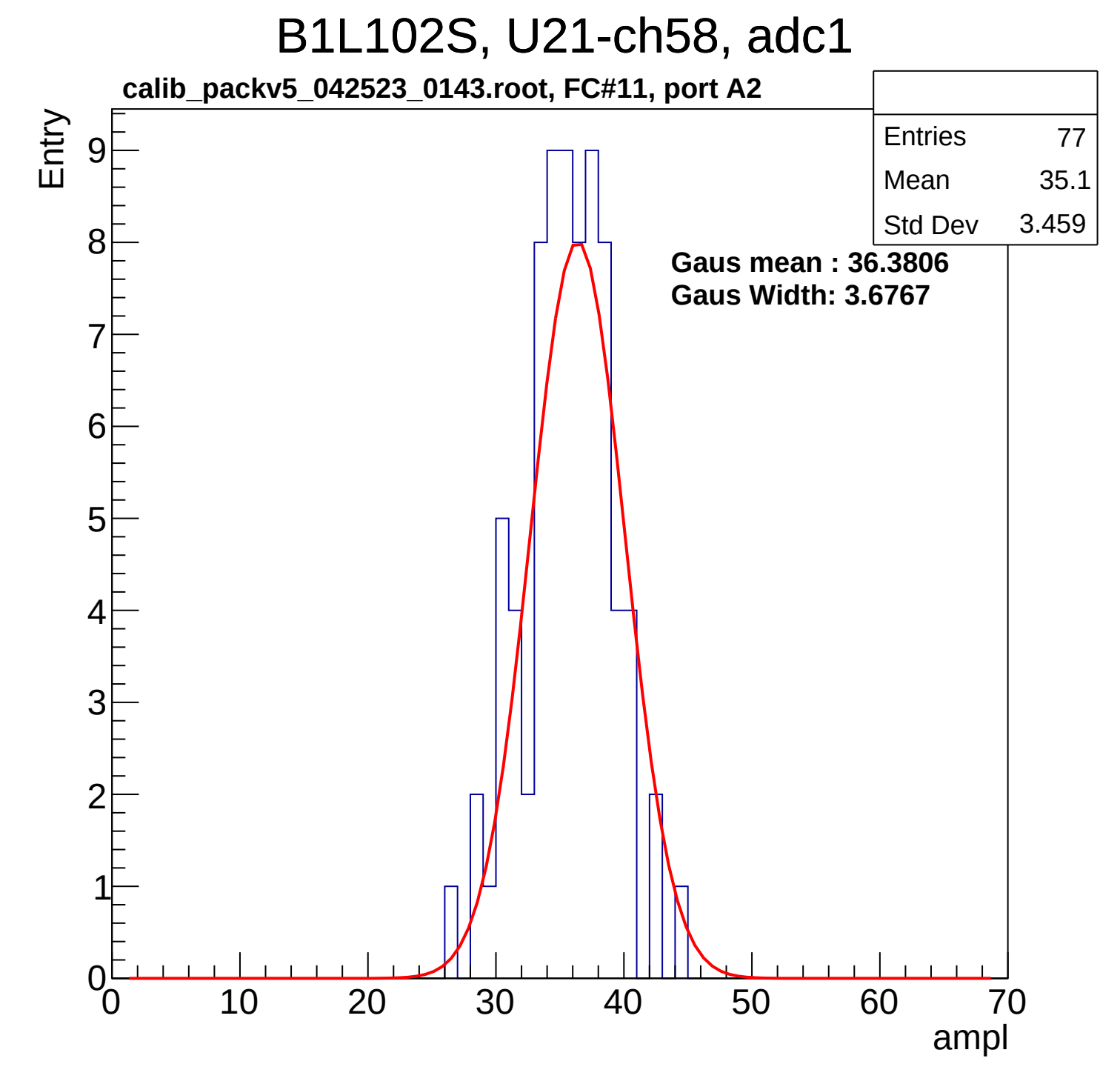
B1L102S, U21-ch58, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 35.1
Std Dev 3.459
Gaus mean : 36.3806
Gaus Width: 3.6767
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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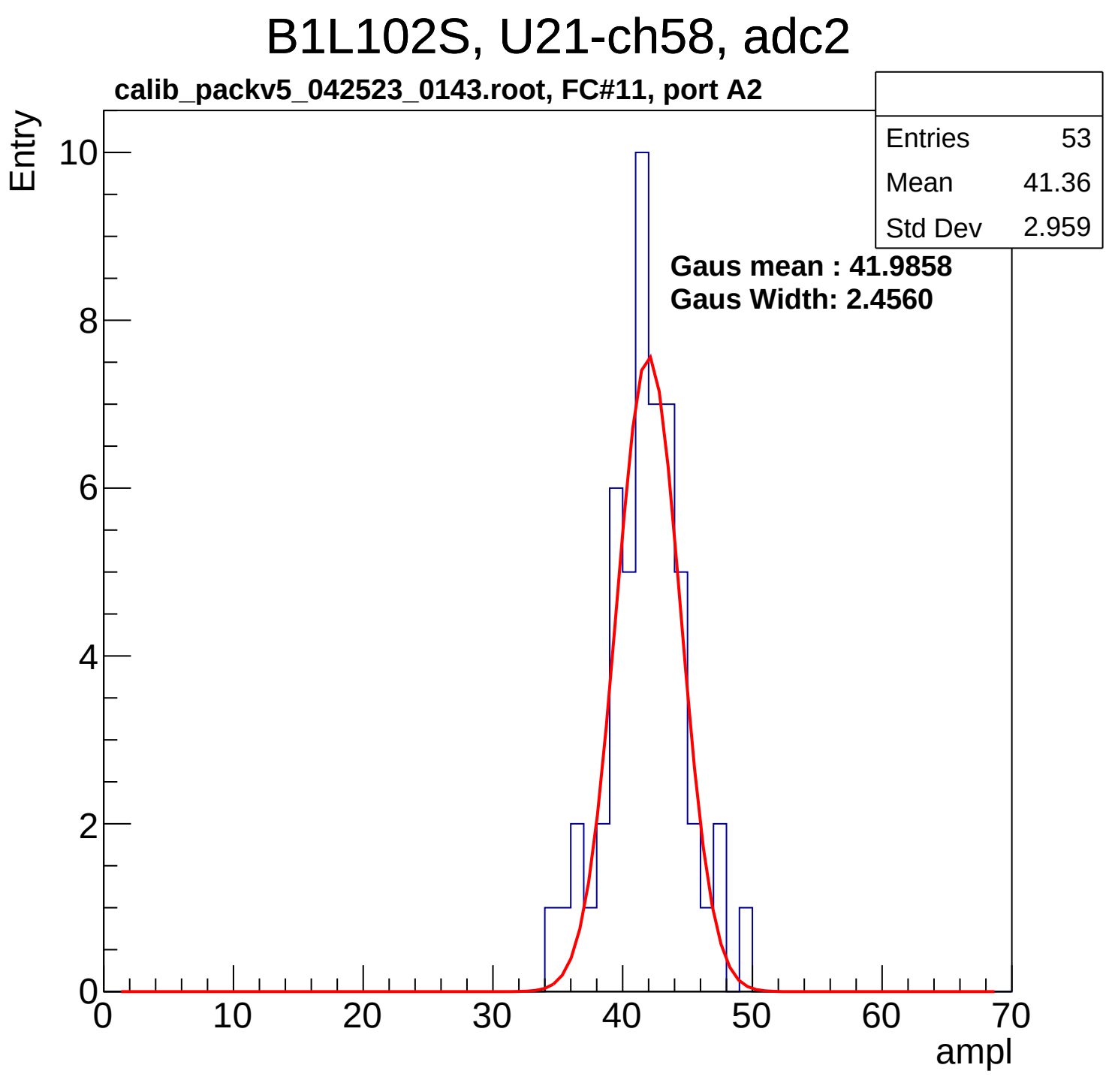
B1L102S, U21-ch58, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 53
Mean 41.36
Std Dev 2.959
Gaus mean : 41.9858
Gaus Width: 2.4560
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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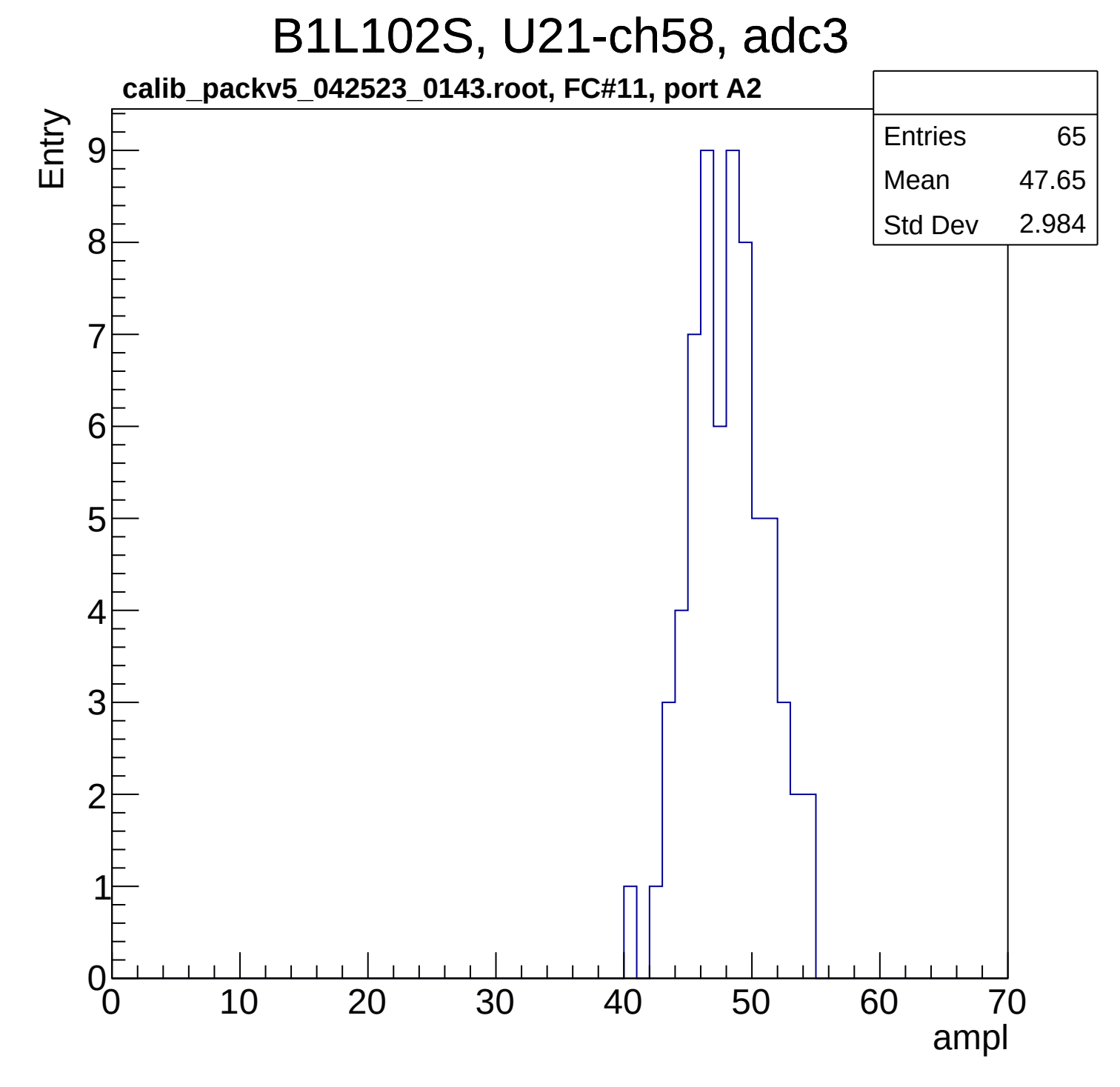
B1L102S, U21-ch58, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 47.65
Std Dev 2.984
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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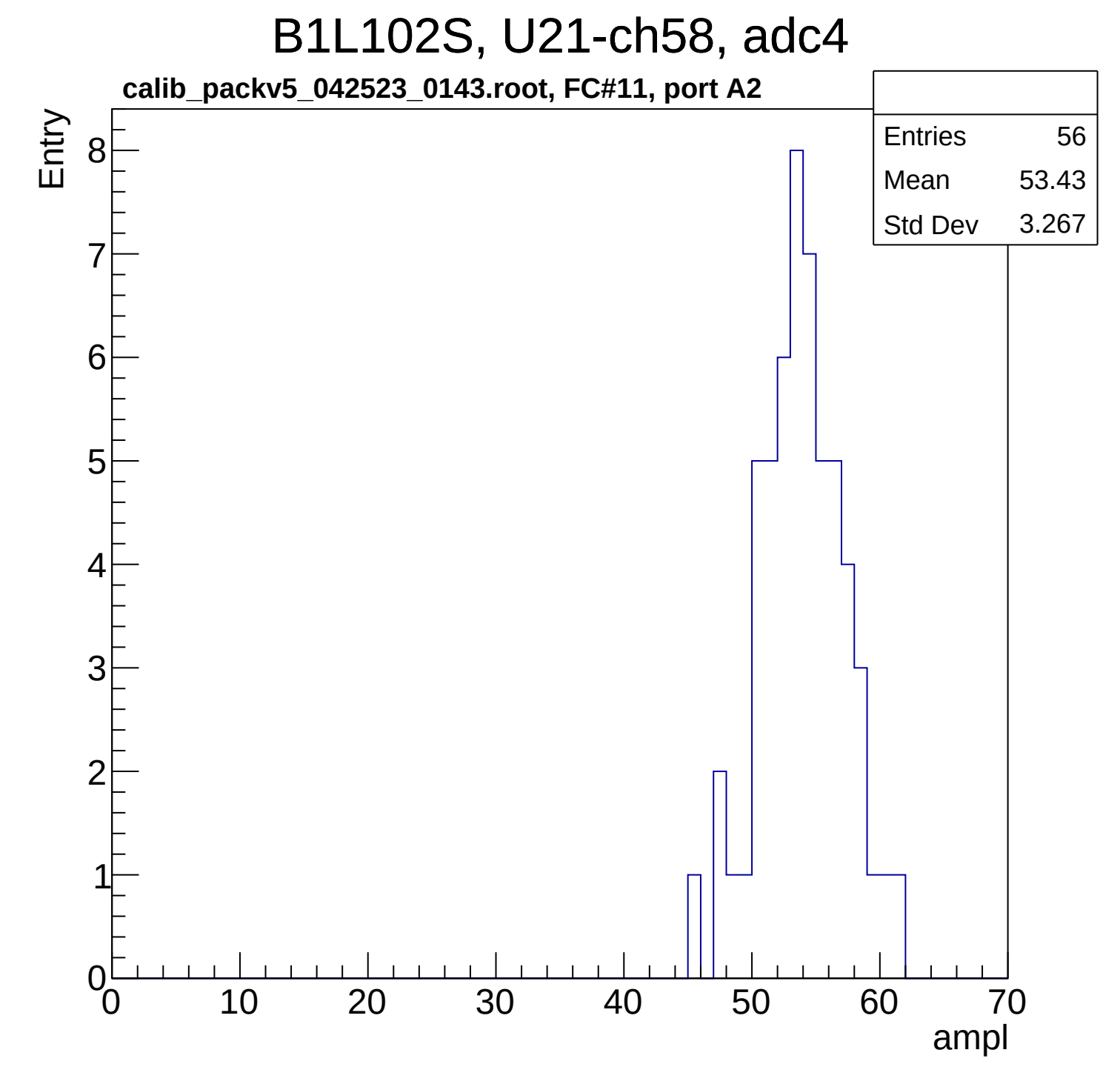
B1L102S, U21-ch58, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 53.43
Std Dev 3.267
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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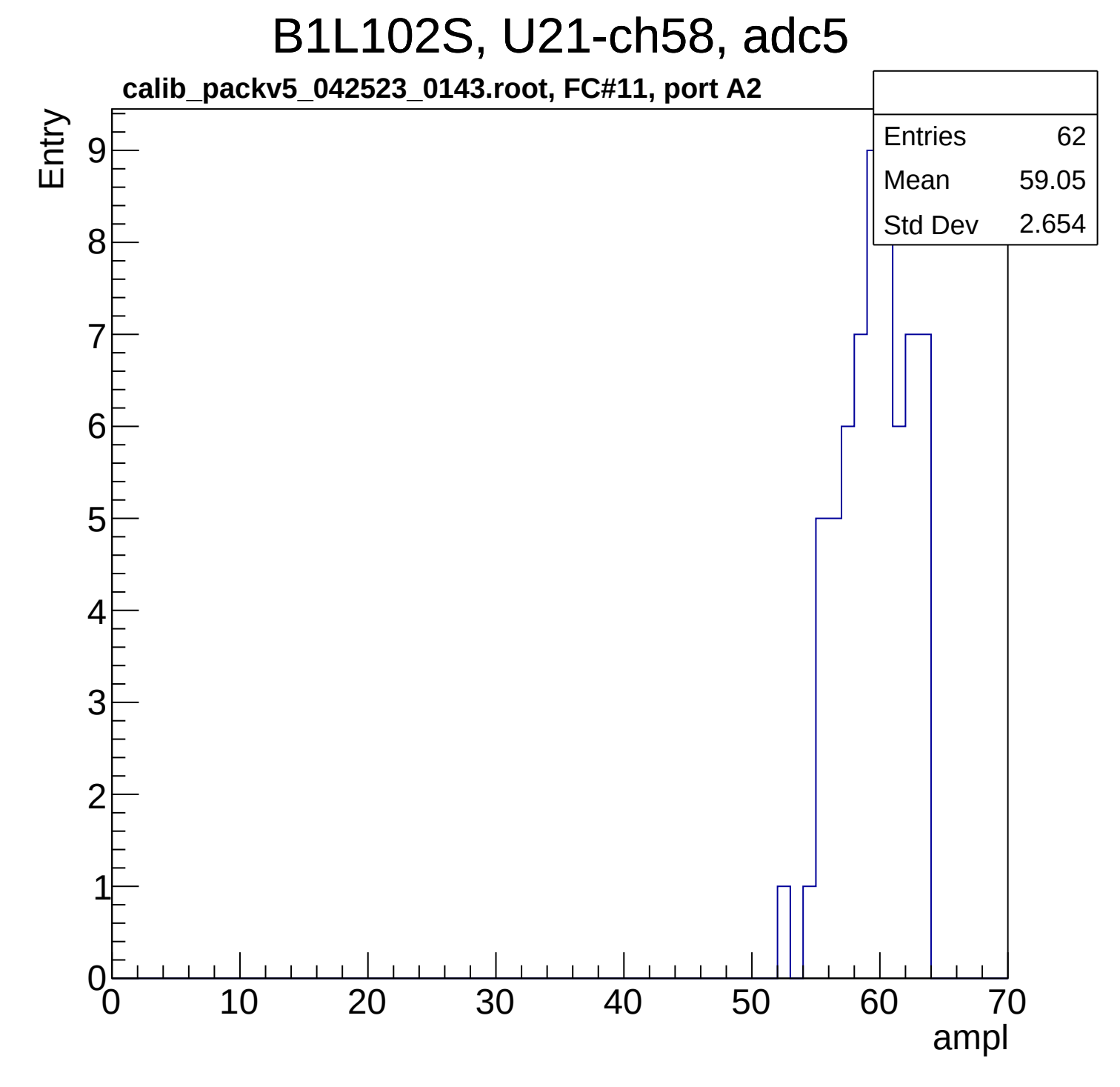
B1L102S, U21-ch58, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 59.05
Std Dev 2.654
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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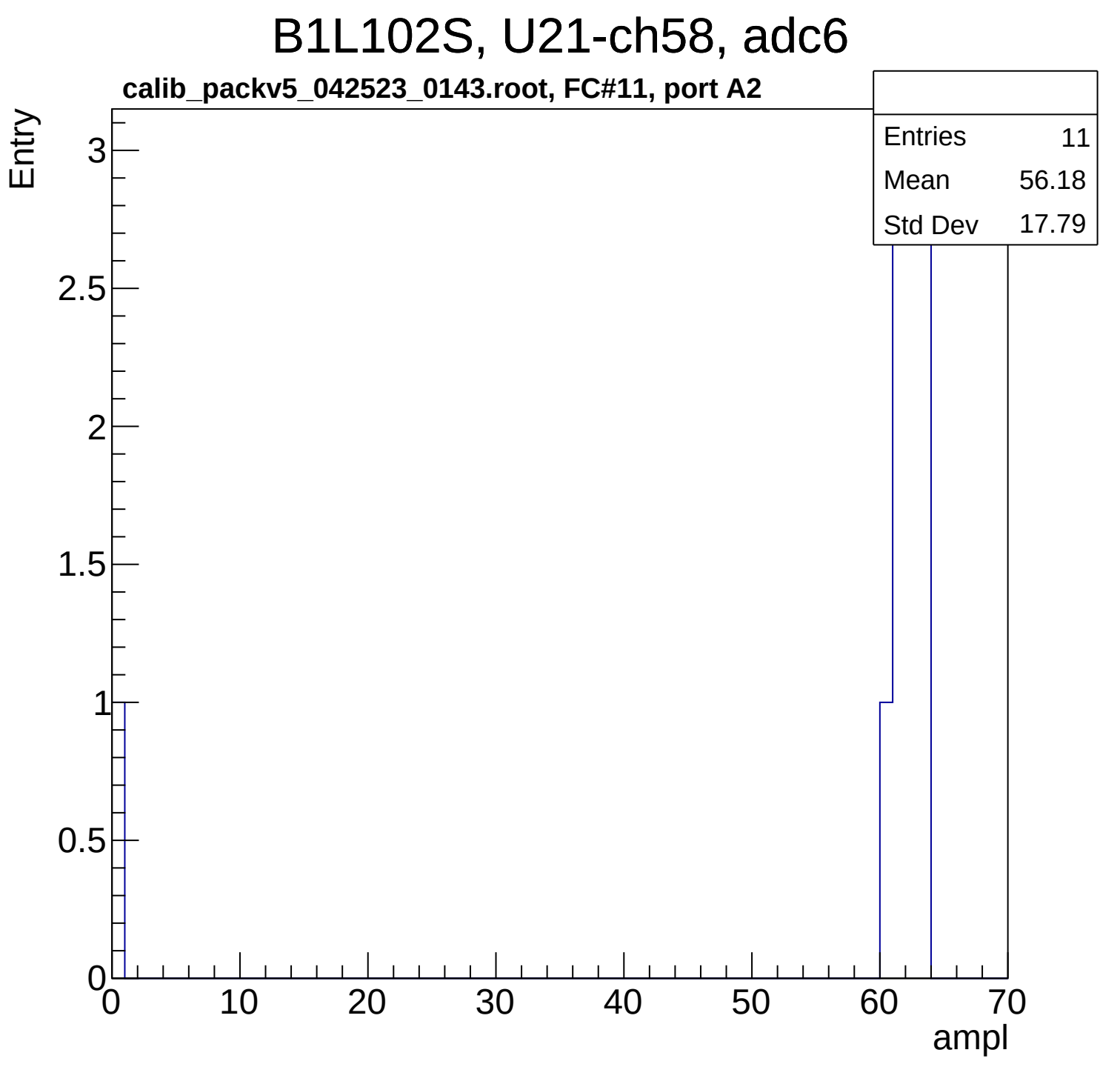
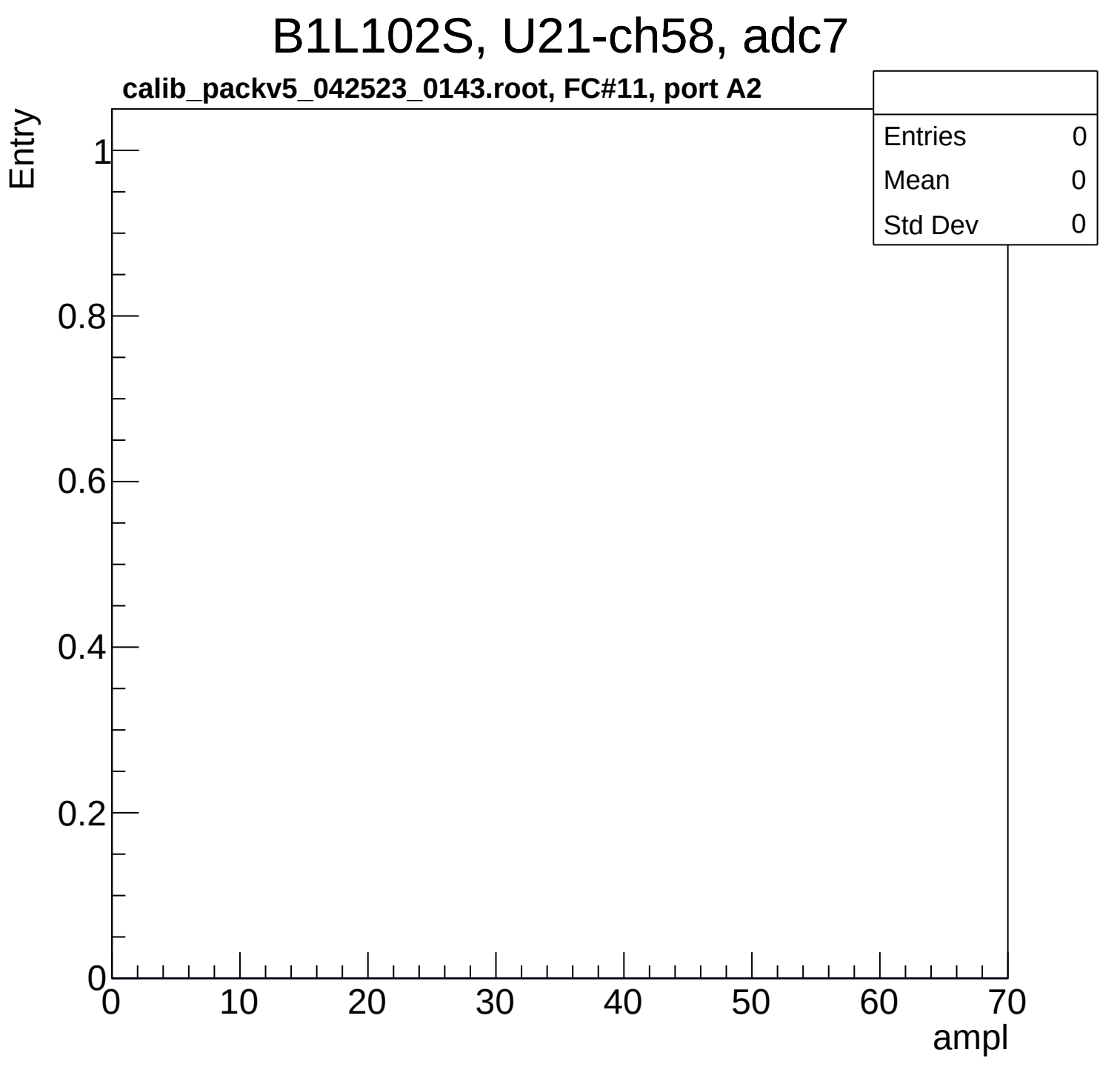
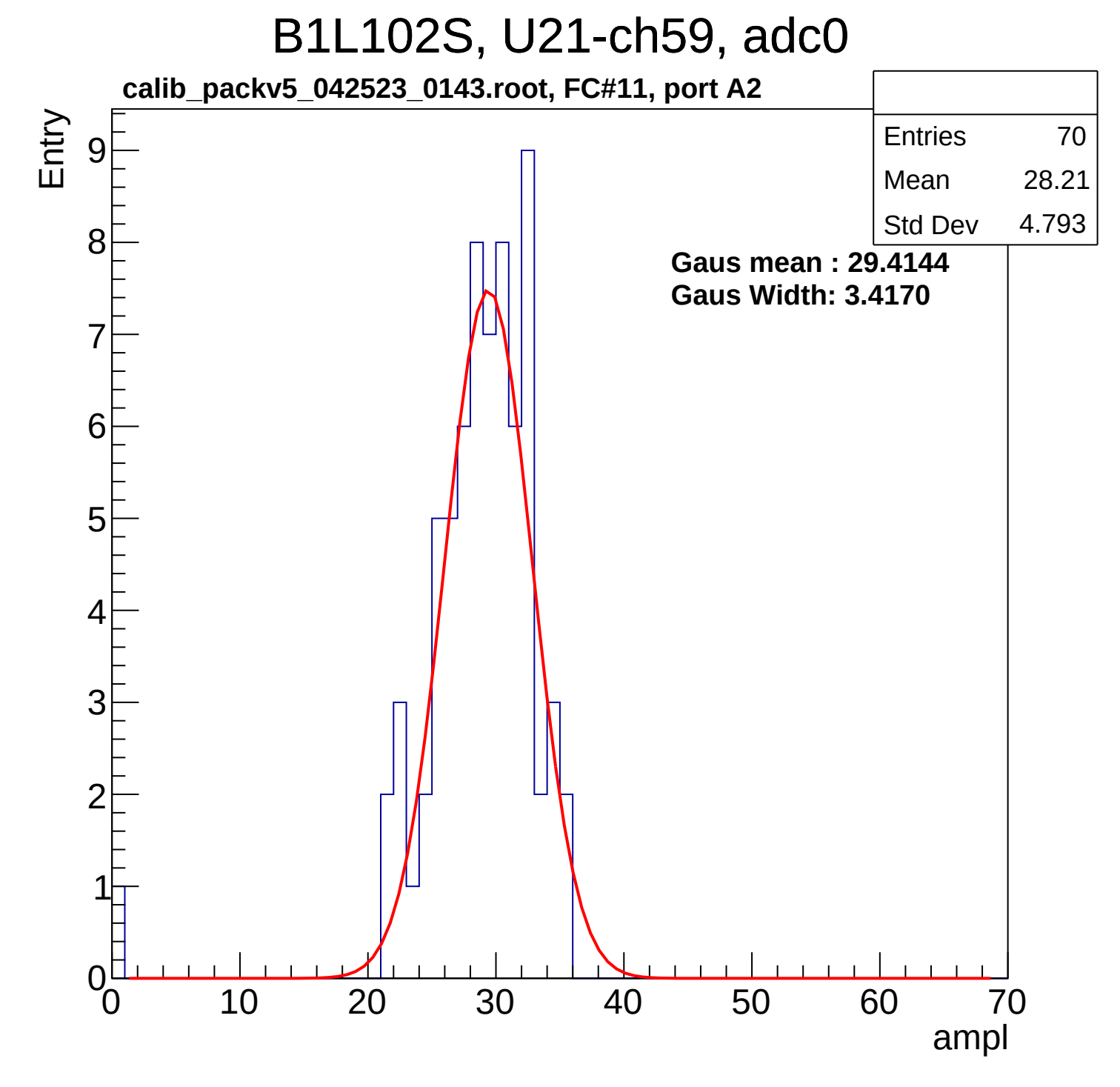
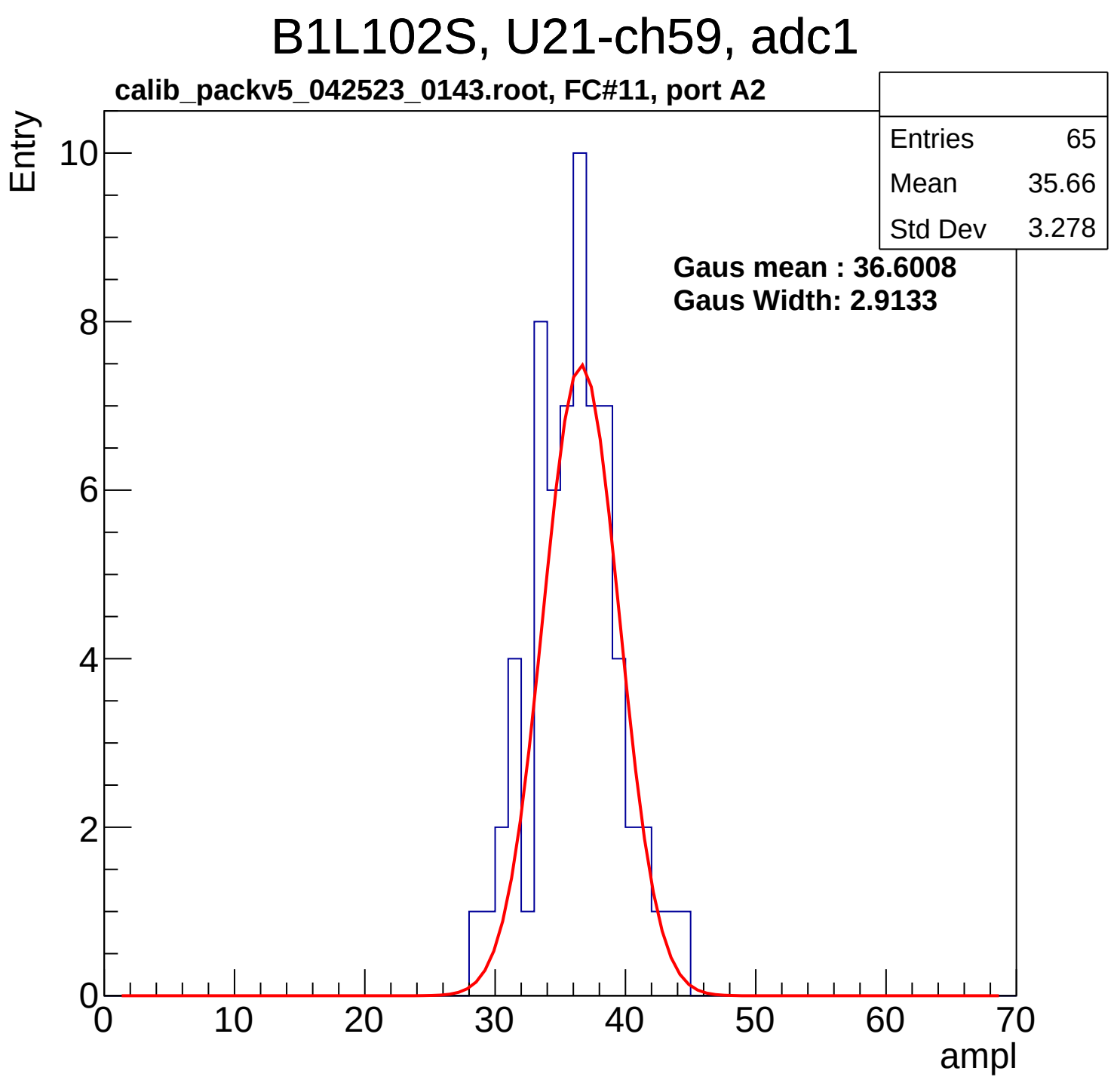
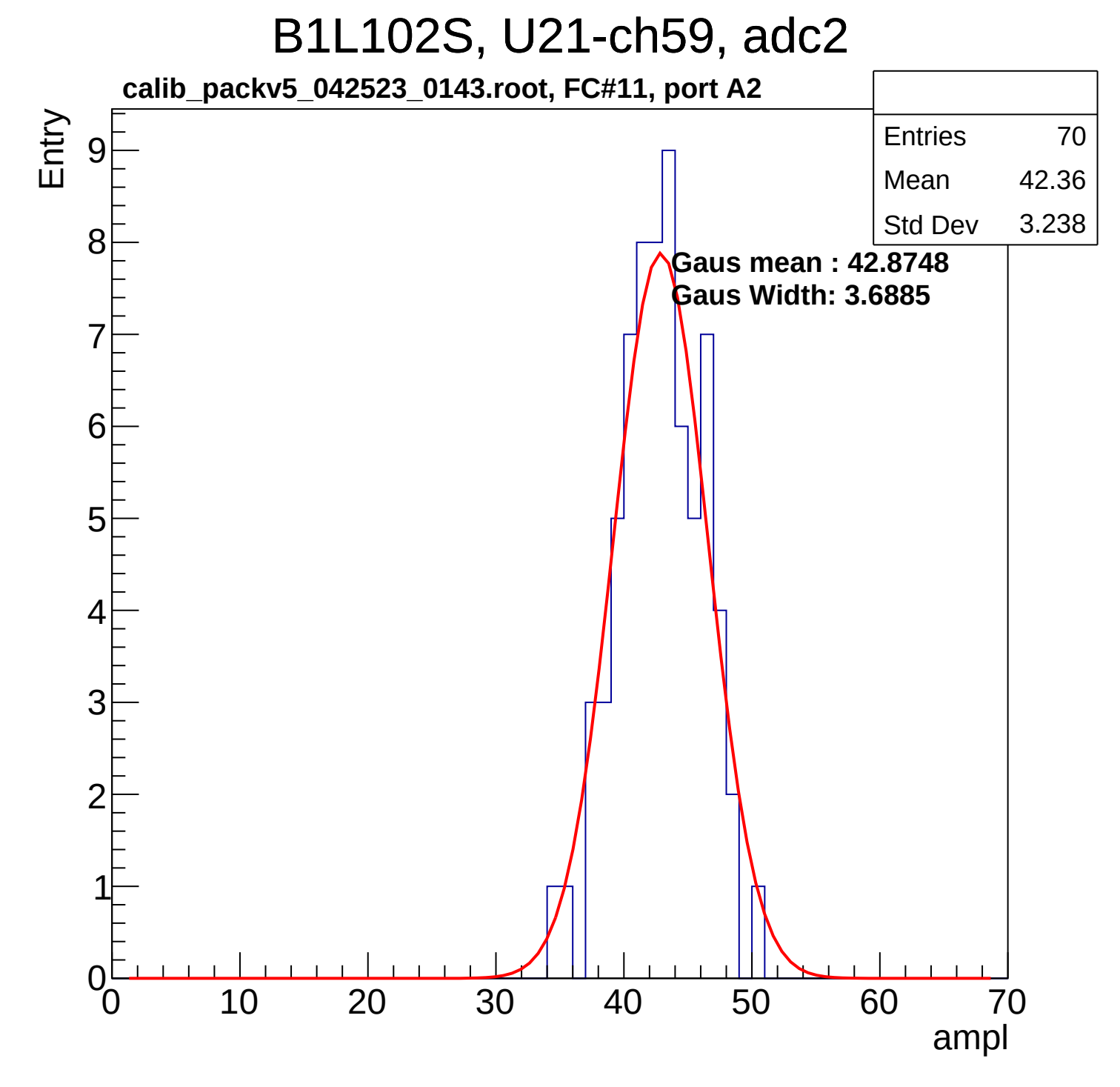

B1L102S, U21-ch58, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 11
Mean 56.18
Std Dev 17.79
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U21-ch58, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch59, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 28.21
Std Dev 4.793
Gaus mean : 29.4144
Gaus Width: 3.4170
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch59, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 35.66
Std Dev 3.278
Gaus mean : 36.6008
Gaus Width: 2.9133
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch59, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 42.36
Std Dev 3.238
Gaus mean : 42.8748
Gaus Width: 3.6885
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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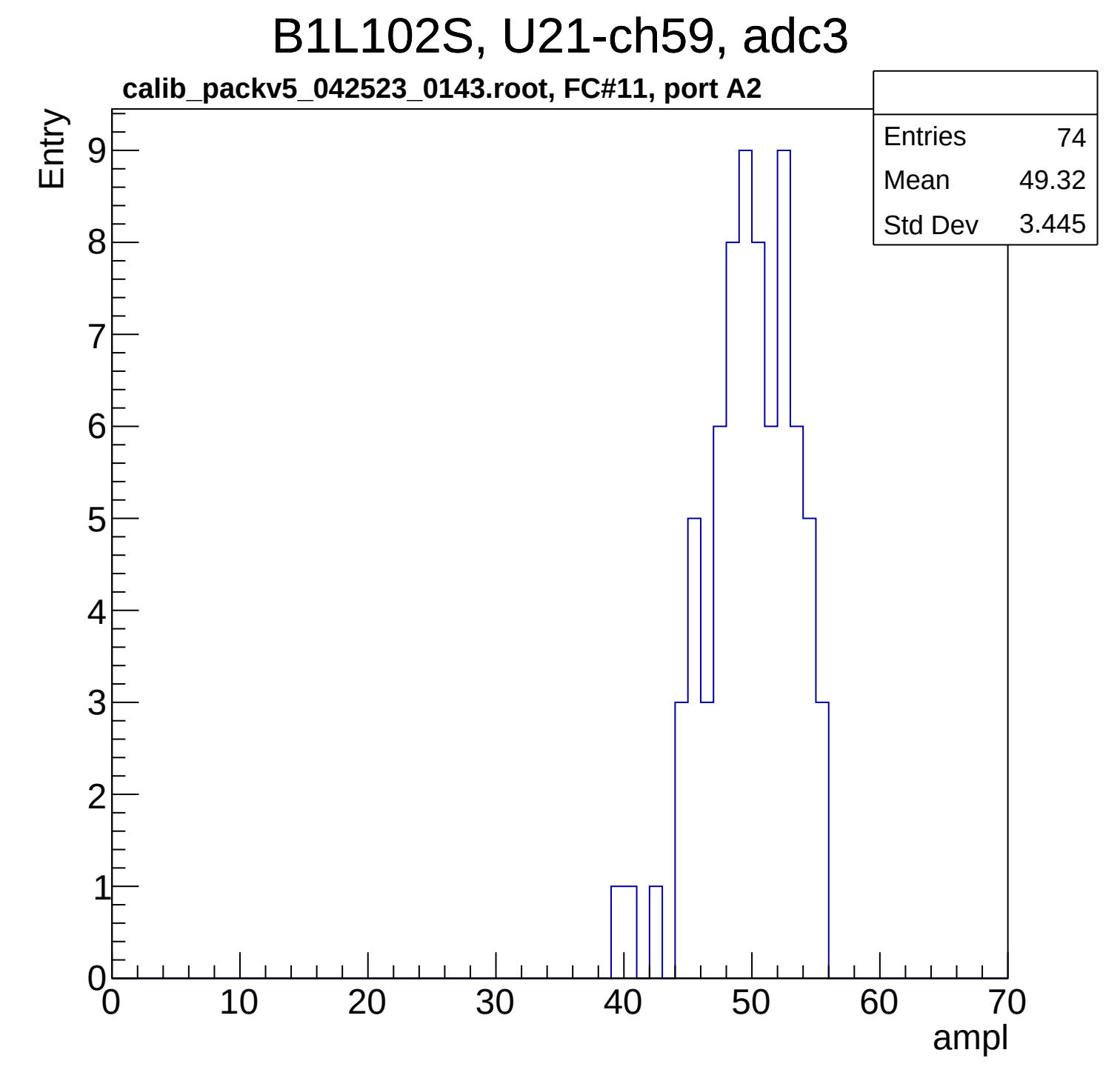
B1L102S, U21-ch59, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 49.32
Std Dev 3.445
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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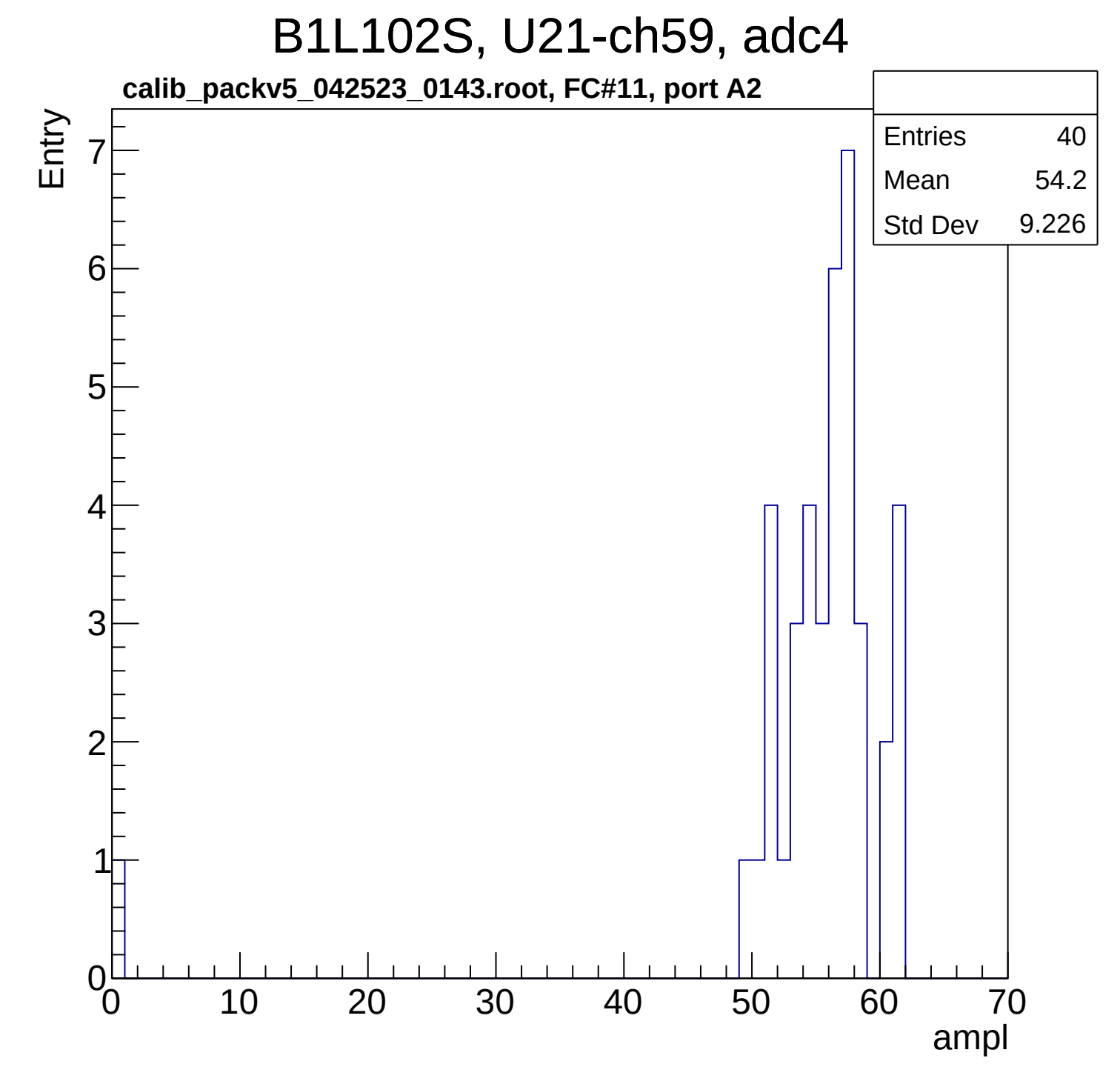
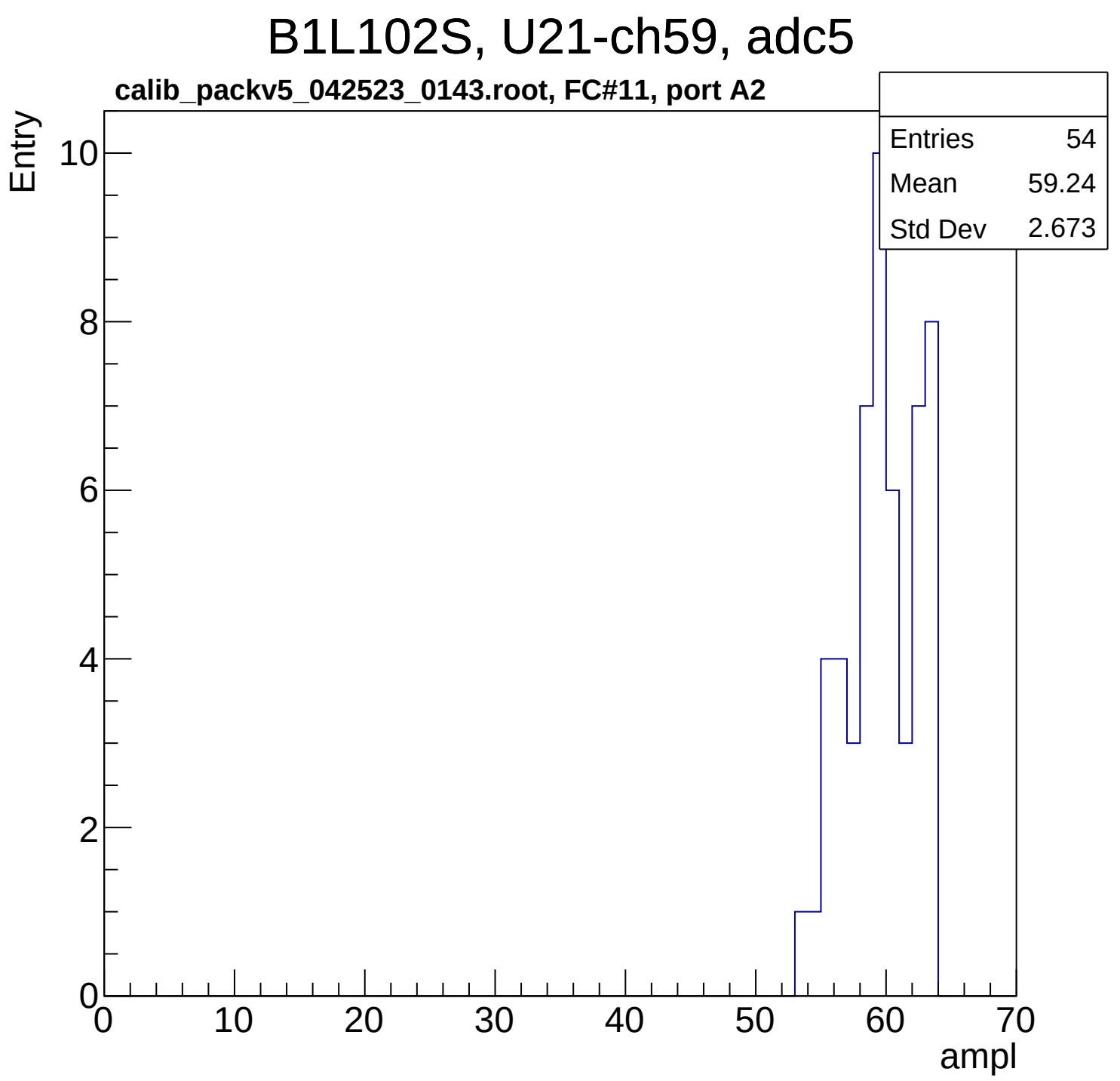
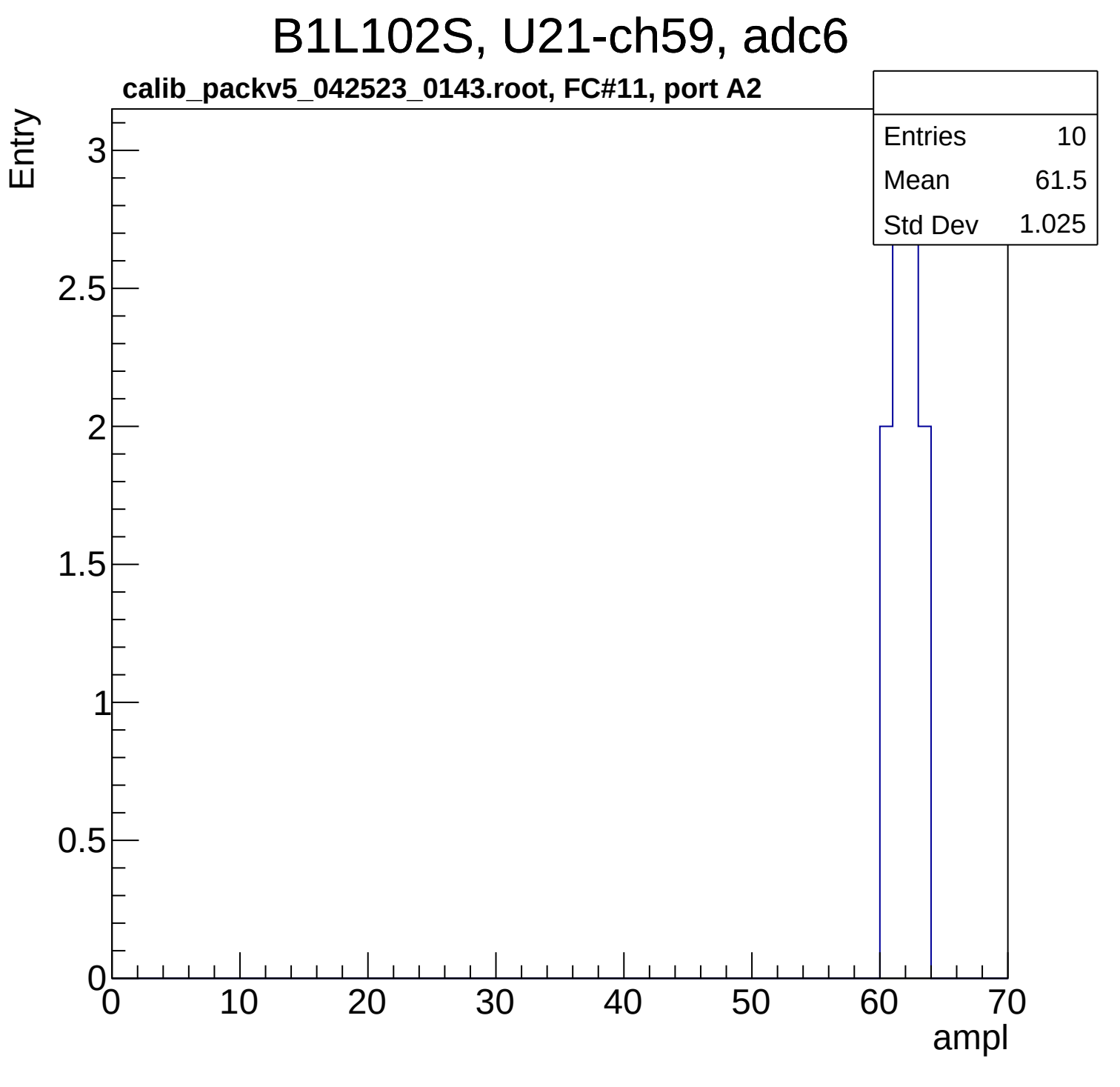
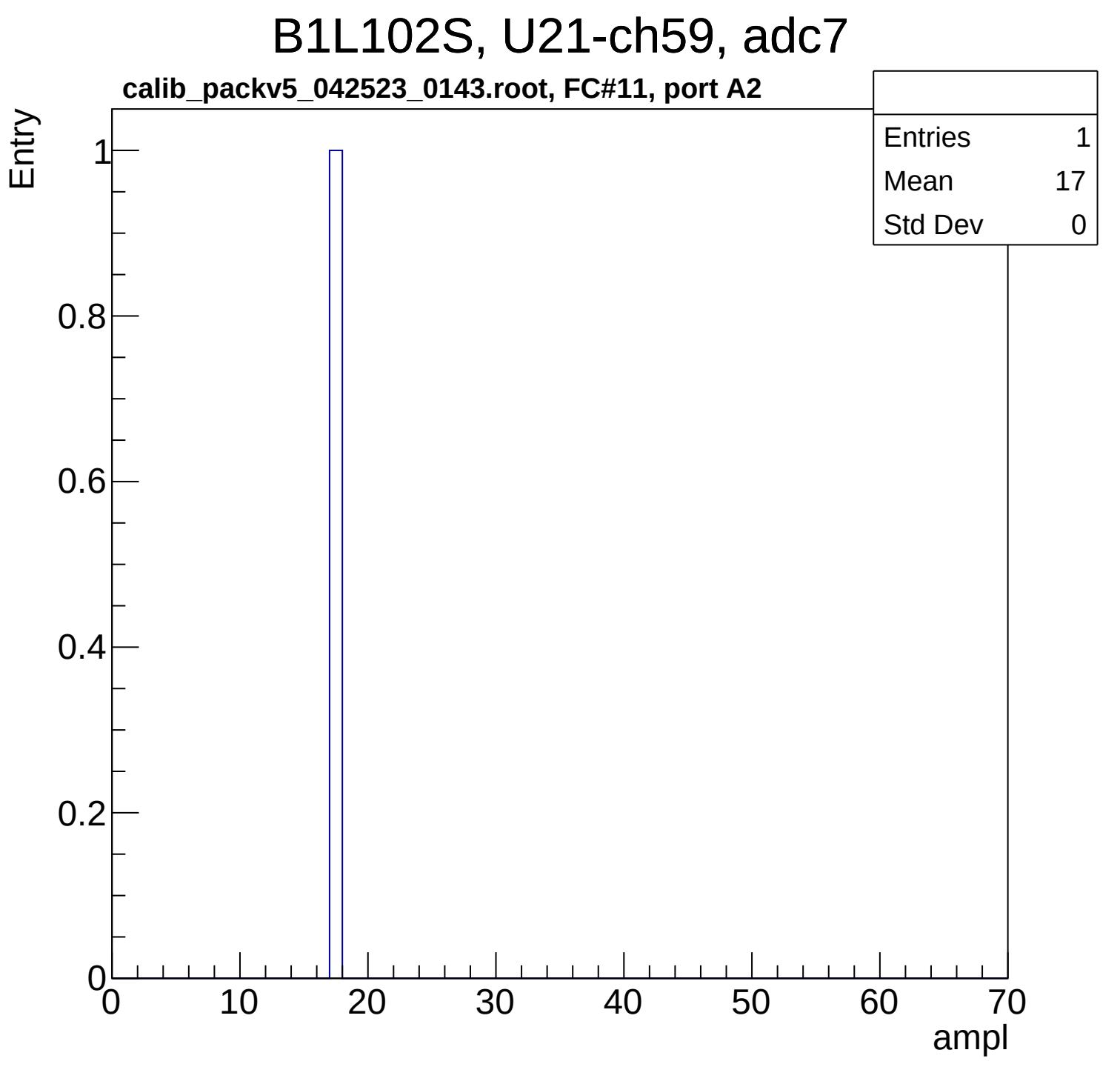
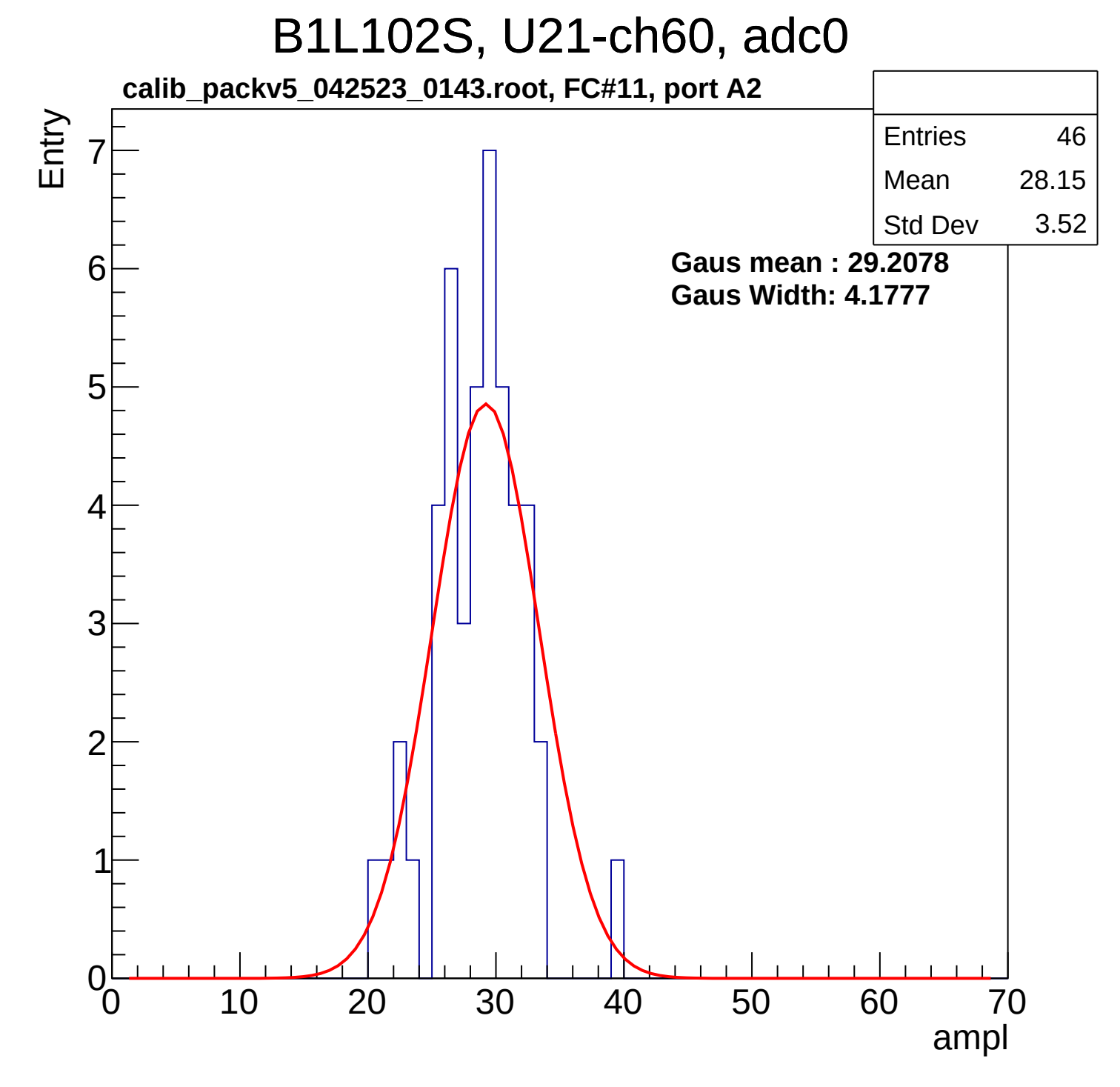
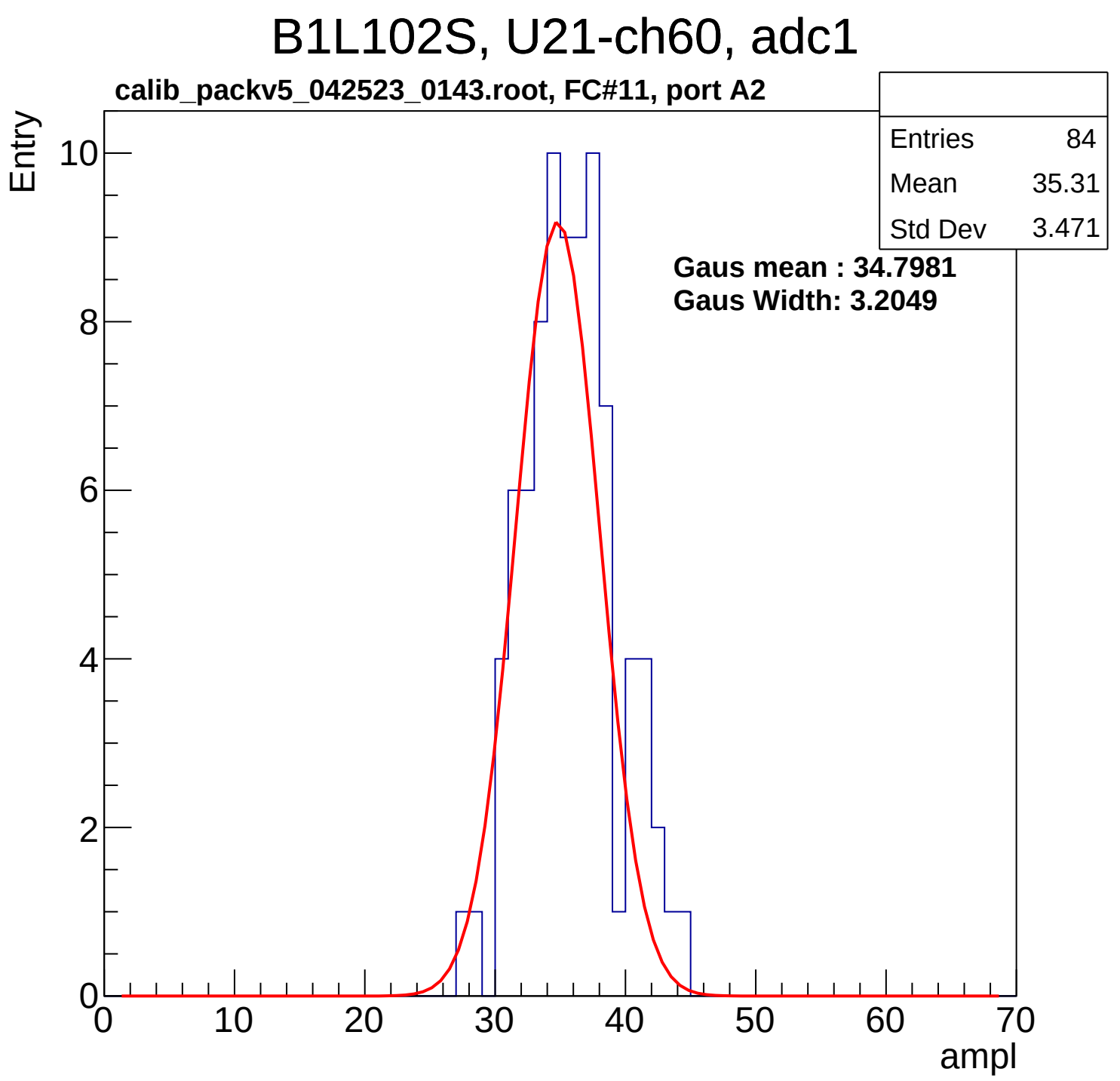

B1L102S, U21-ch59, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 40
Mean 54.2
Std Dev 9.226
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

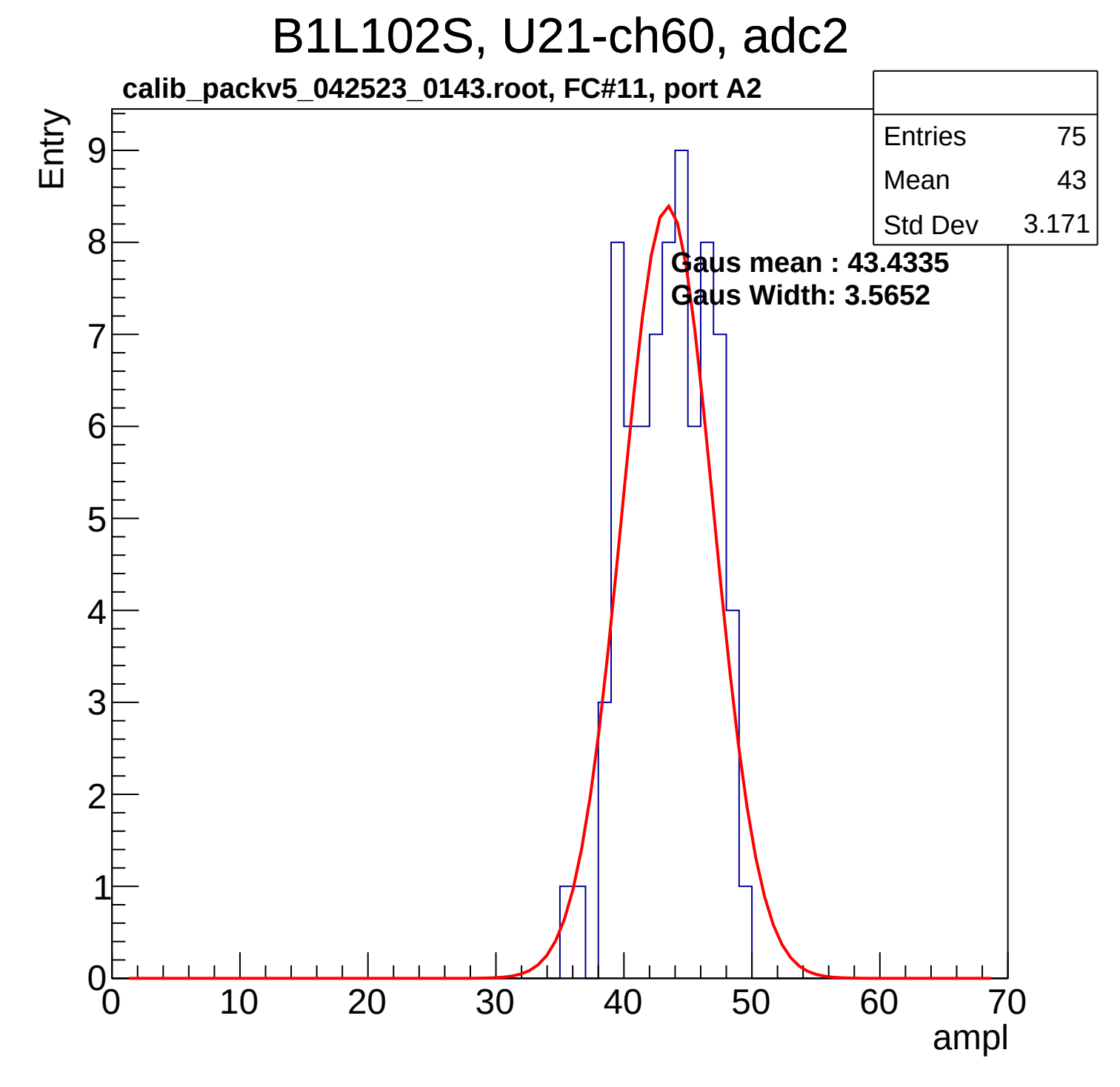

B1L102S, U21-ch59, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 59.24
Std Dev 2.673
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

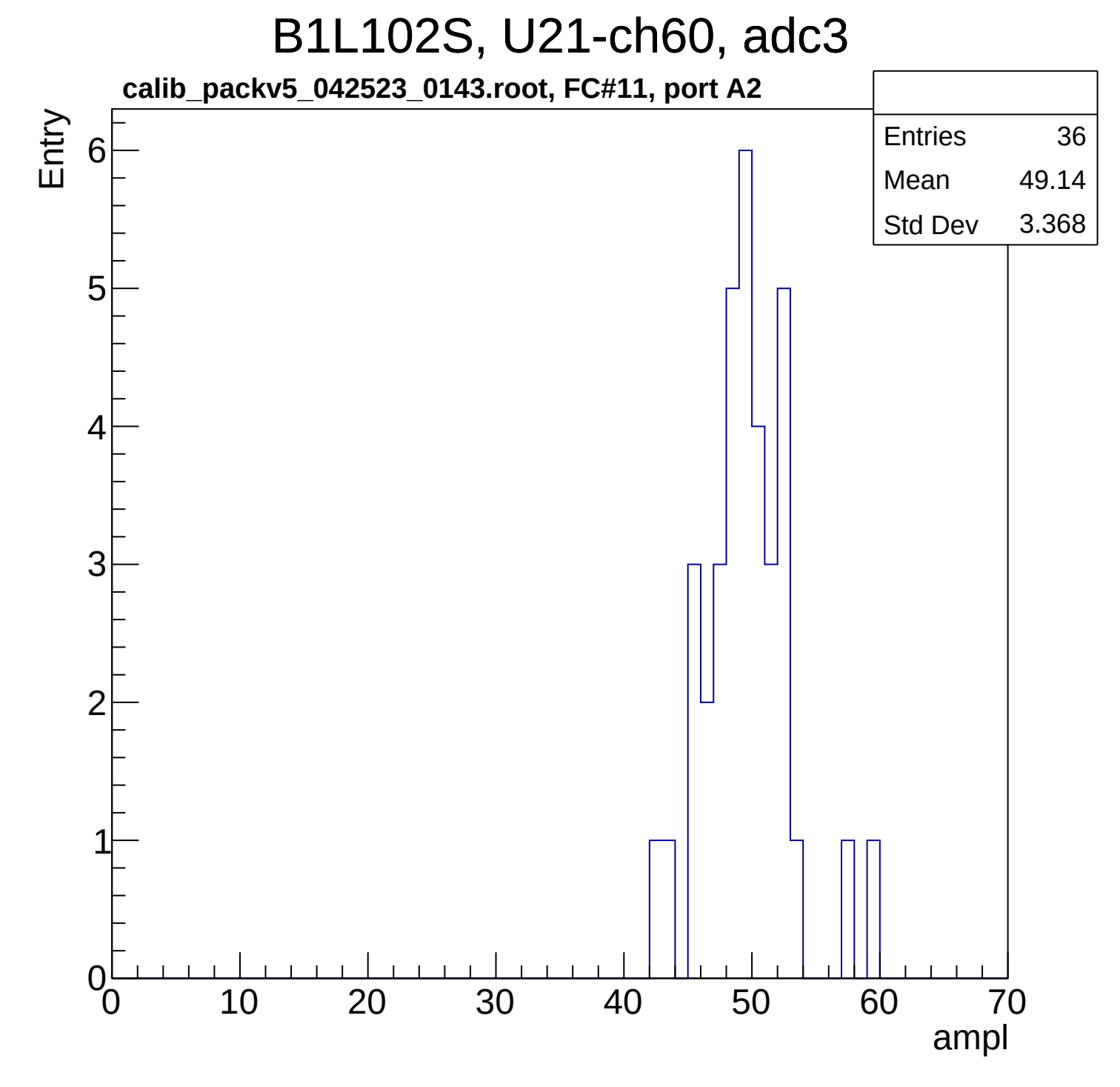

B1L102S, U21-ch59, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 10
Mean 61.5
Std Dev 1.025
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

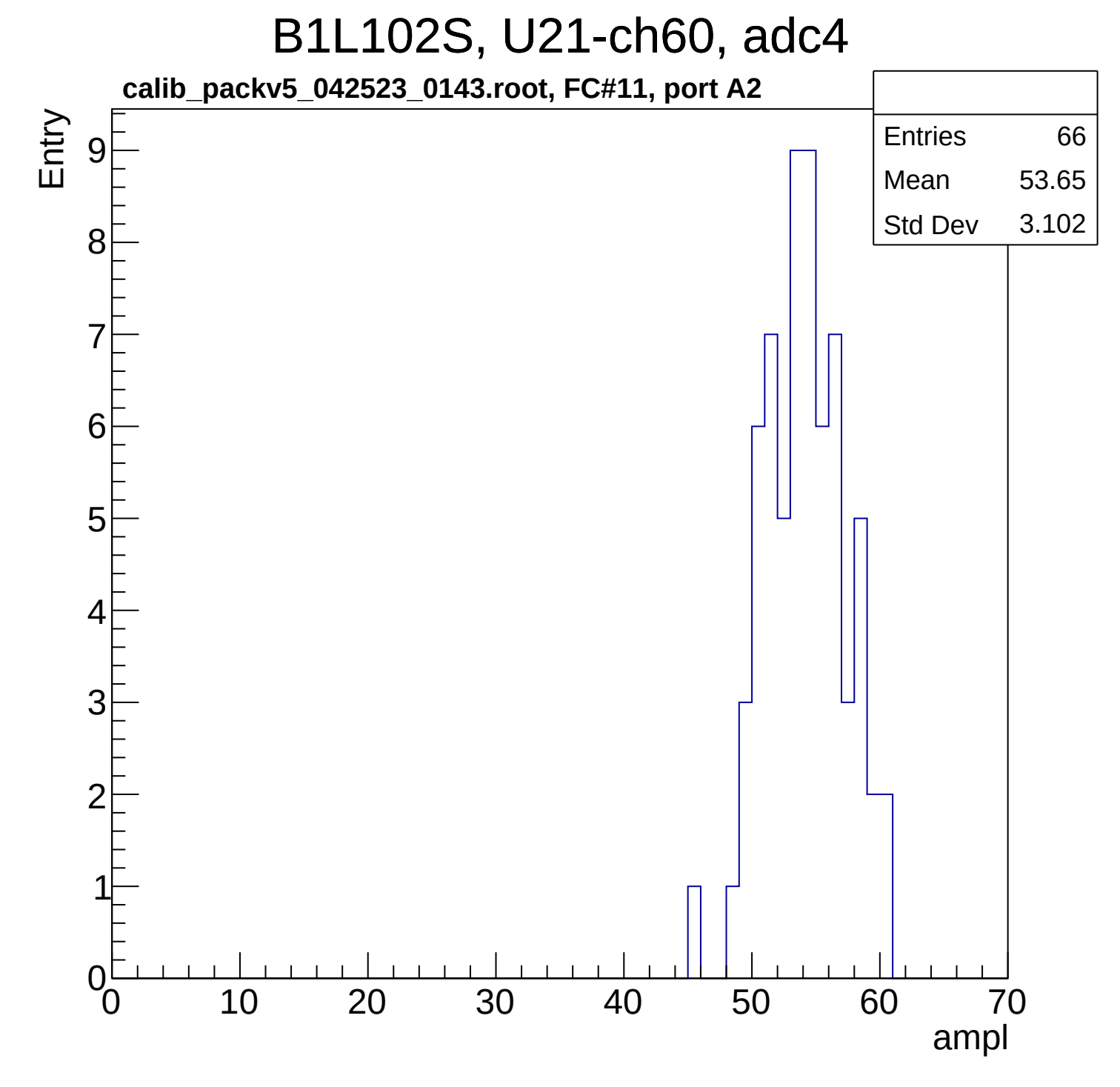

B1L102S, U21-ch59, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 17
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L102S, U21-ch60, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 46
Mean 28.15
Std Dev 3.52
Gaus mean : 29.2078
Gaus Width: 4.1777
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch60, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 84
Mean 35.31
Std Dev 3.471
Gaus mean : 34.7981
Gaus Width: 3.2049
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch60, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 43
Std Dev 3.171
Gaus mean : 43.4335
Gaus Width: 3.5652
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch60, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 36
Mean 49.14
Std Dev 3.368
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch60, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 53.65
Std Dev 3.102
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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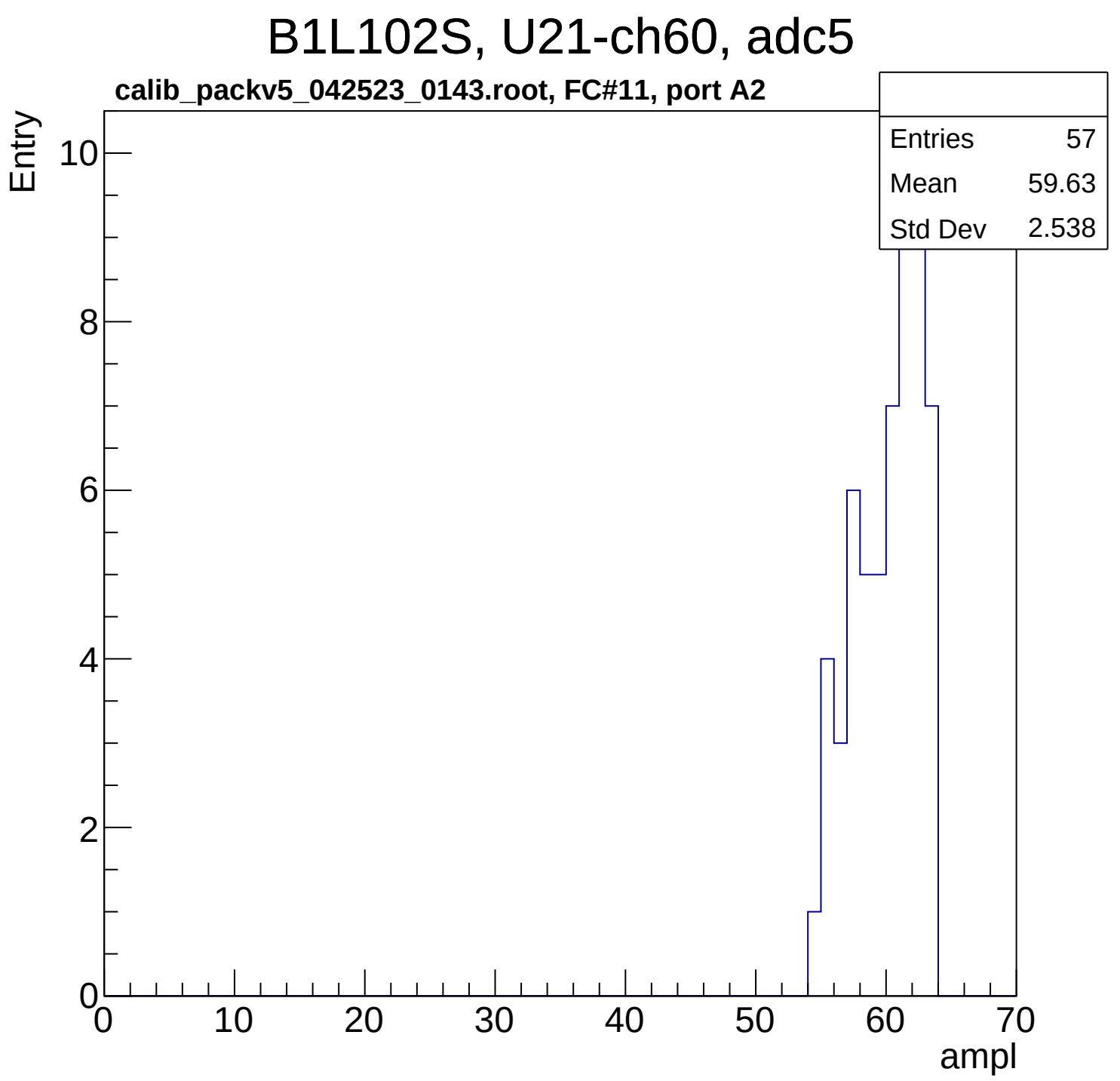
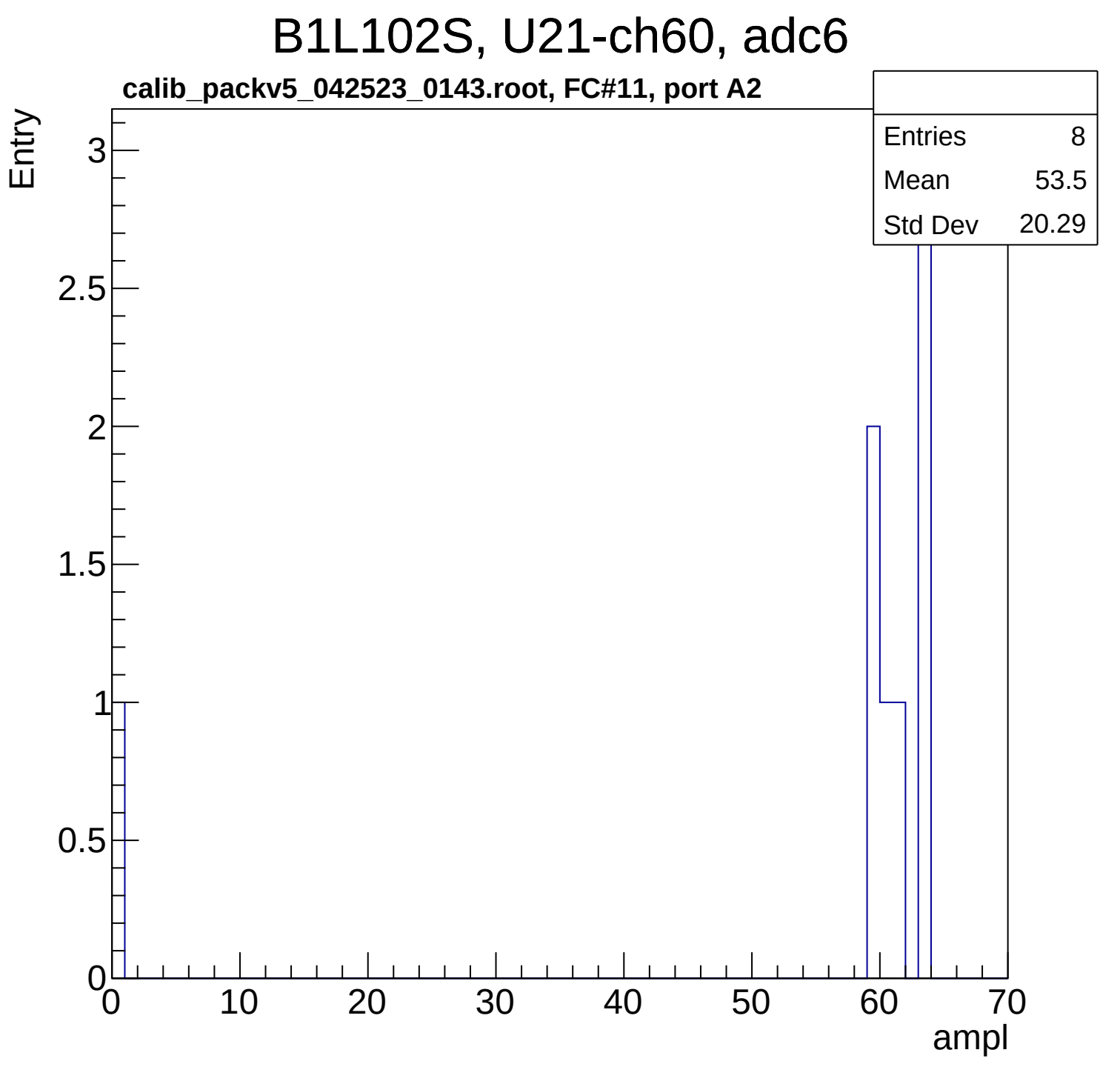

B1L102S, U21-ch60, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 59.63
Std Dev 2.538
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch60, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 8
Mean 53.5
Std Dev 20.29
Entry
ampl
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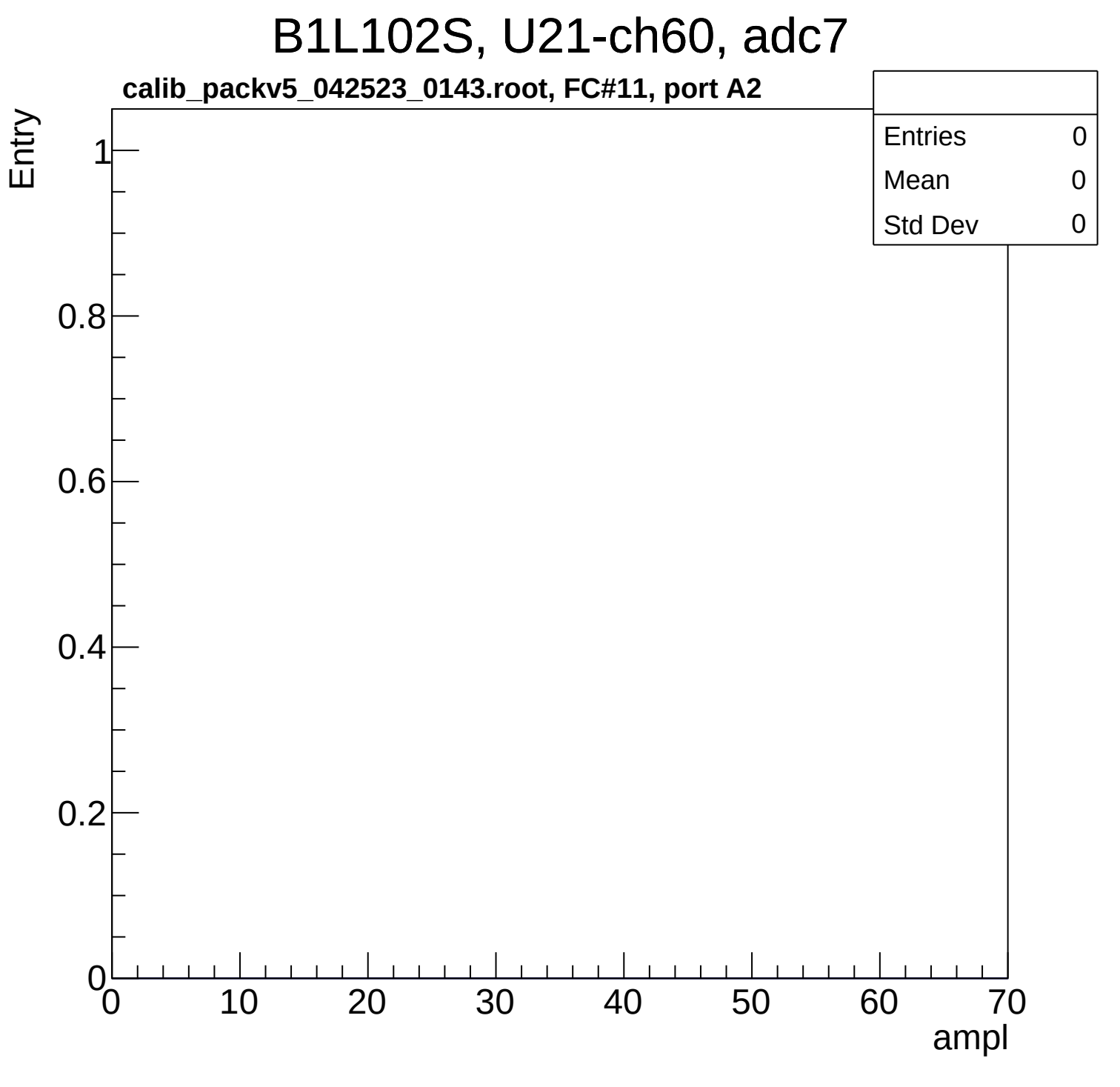
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U21-ch60, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
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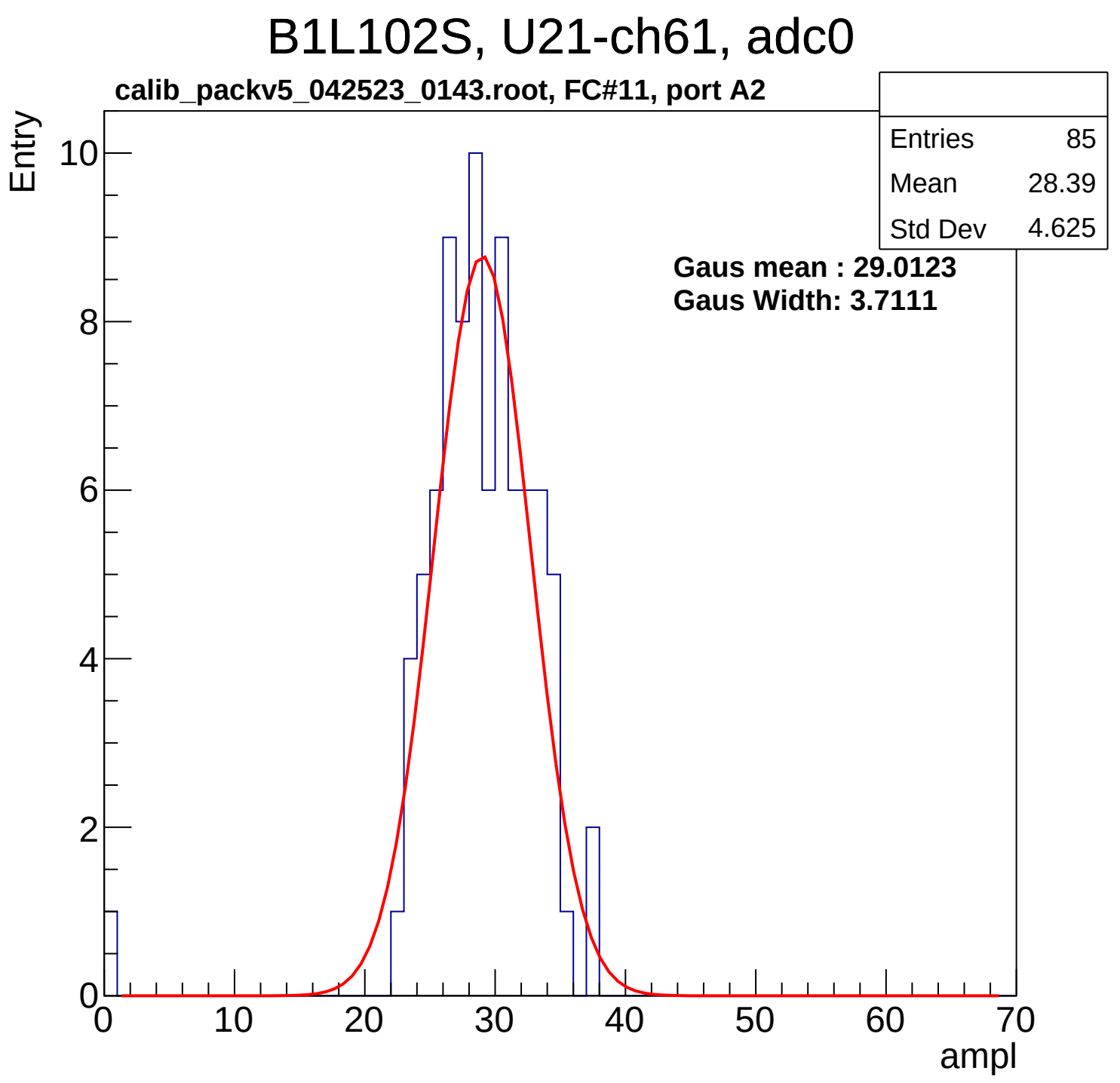
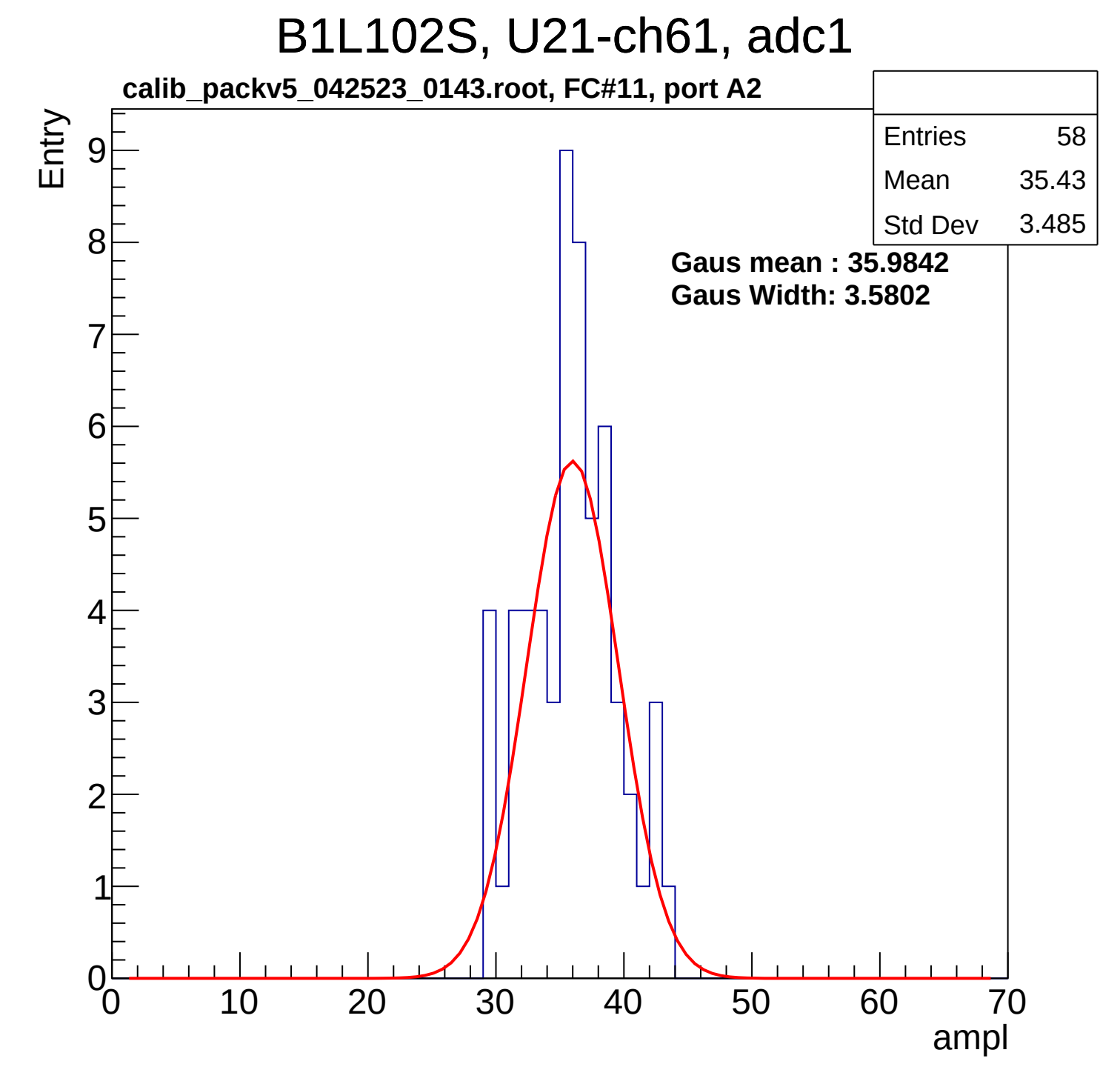
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch61, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 85
Mean 28.39
Std Dev 4.625
Gaus mean : 29.0123
Gaus Width: 3.7111
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch61, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 35.43
Std Dev 3.485
Gaus mean : 35.9842
Gaus Width: 3.5802
Entry
ampl
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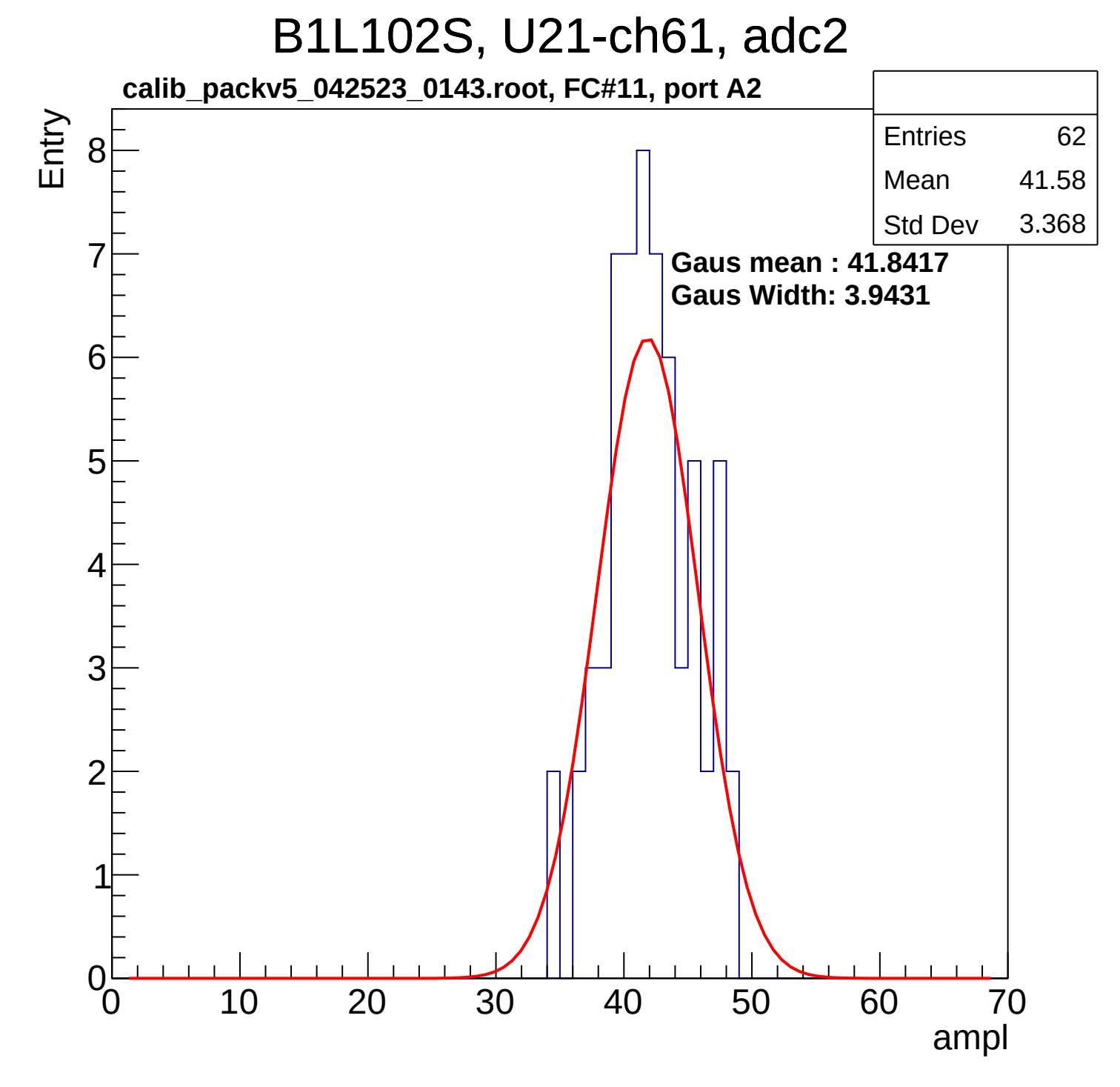
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L102S, U21-ch61, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 41.58
Std Dev 3.368
Gaus mean : 41.8417
Gaus Width: 3.9431
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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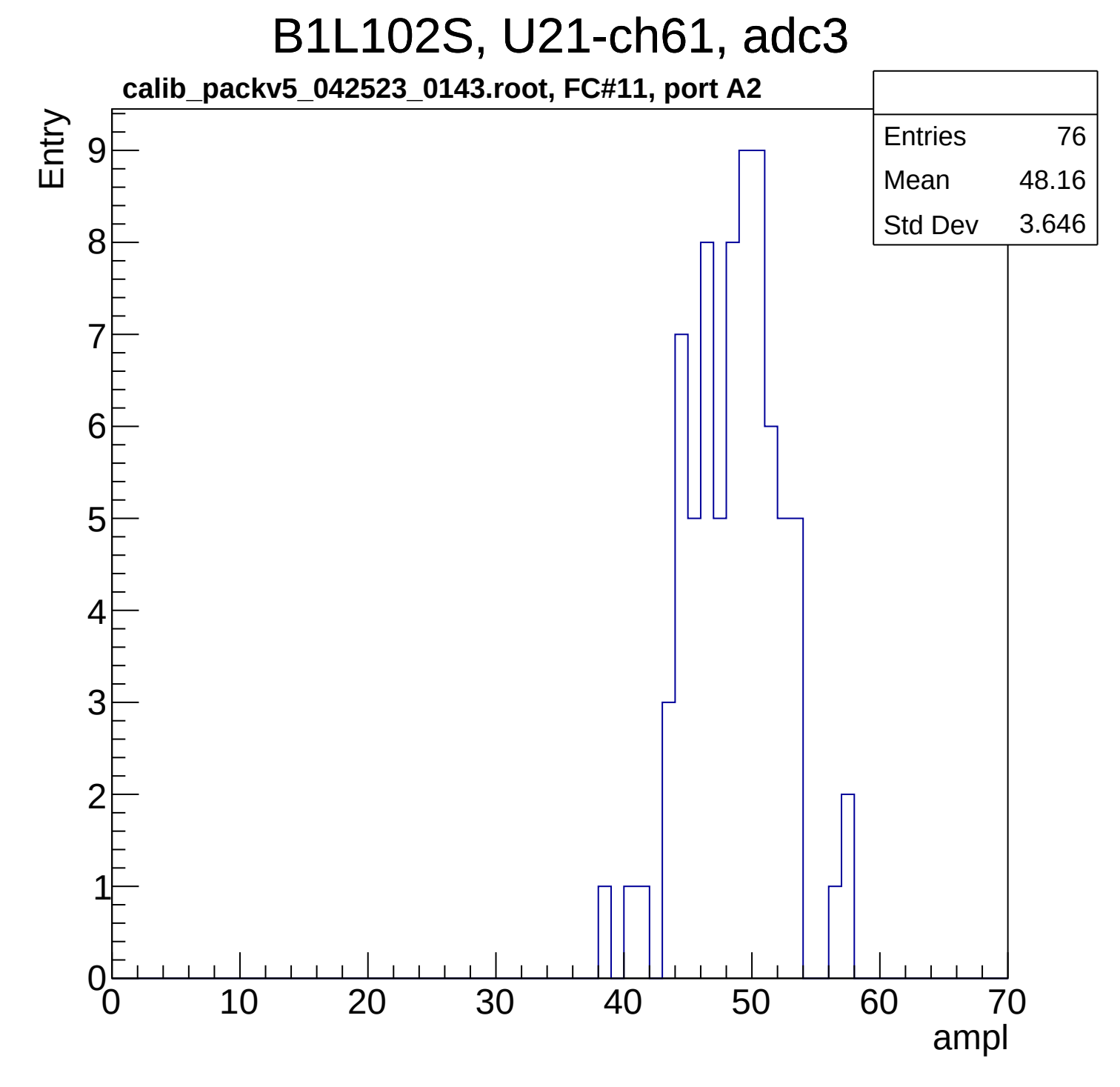
B1L102S, U21-ch61, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 76
Mean 48.16
Std Dev 3.646
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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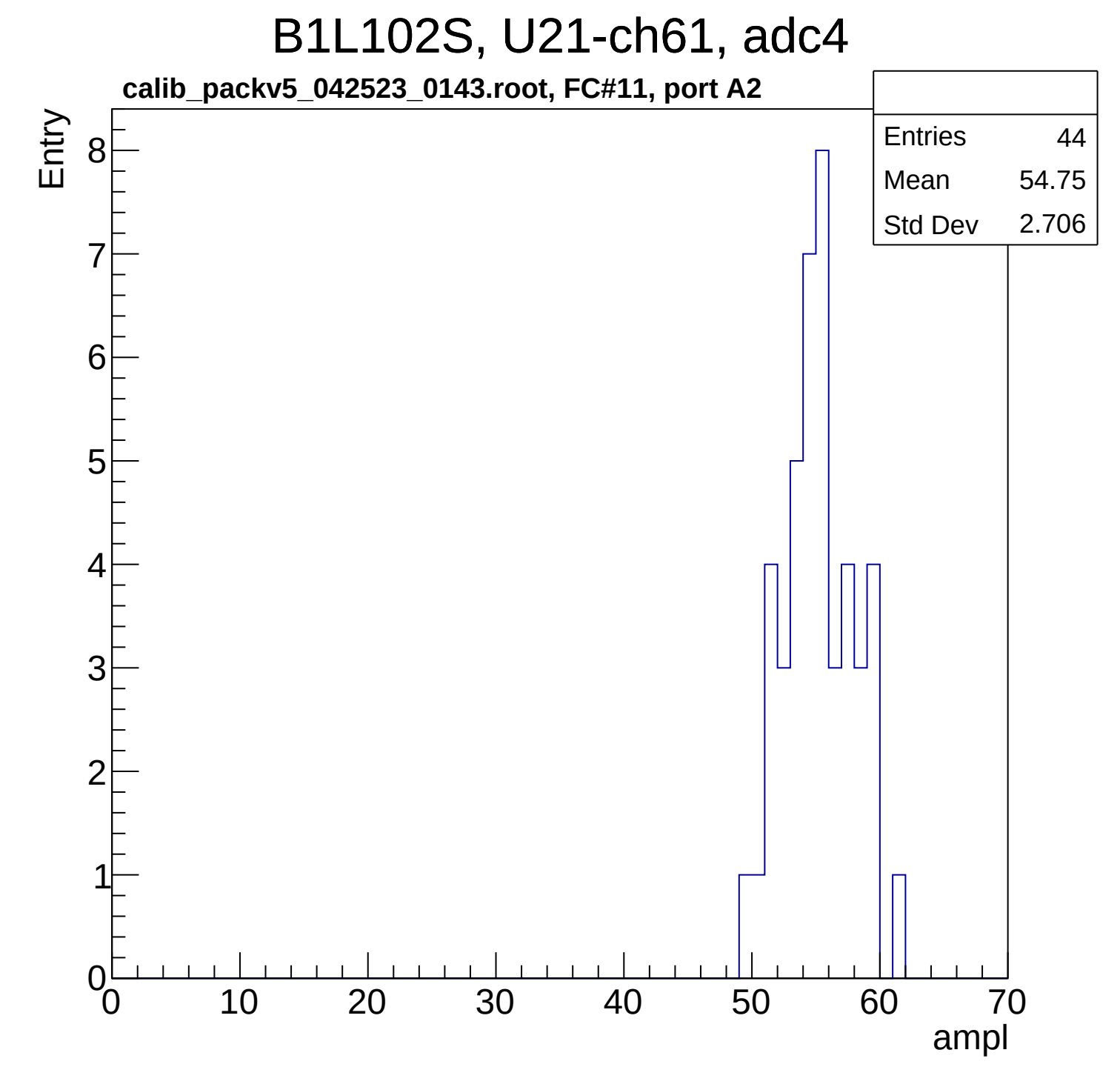
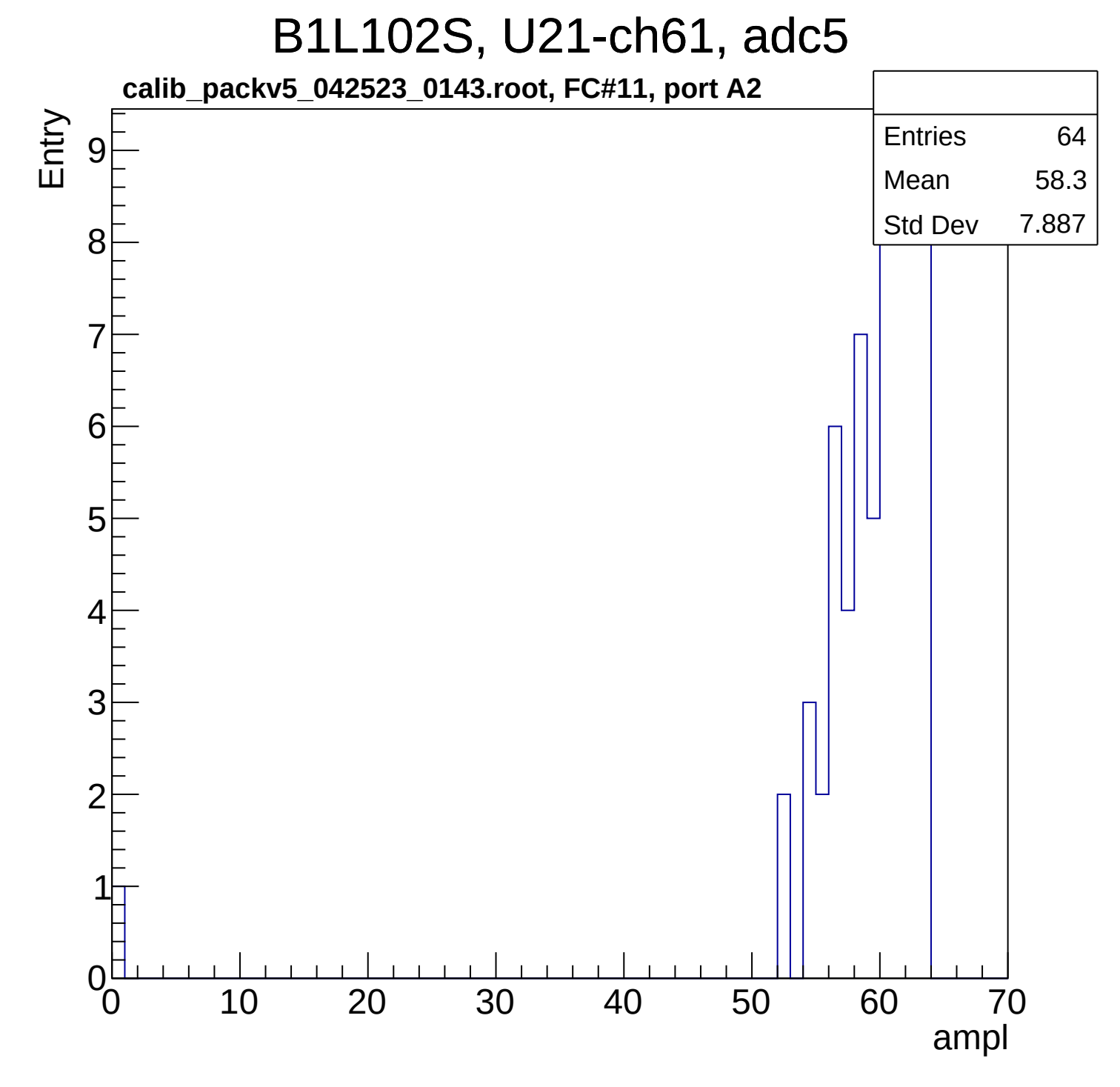

B1L102S, U21-ch61, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 44
Mean 54.75
Std Dev 2.706
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch61, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 58.3
Std Dev 7.887
Entry
ampl
0
1
2
3
4
5
6
7
8
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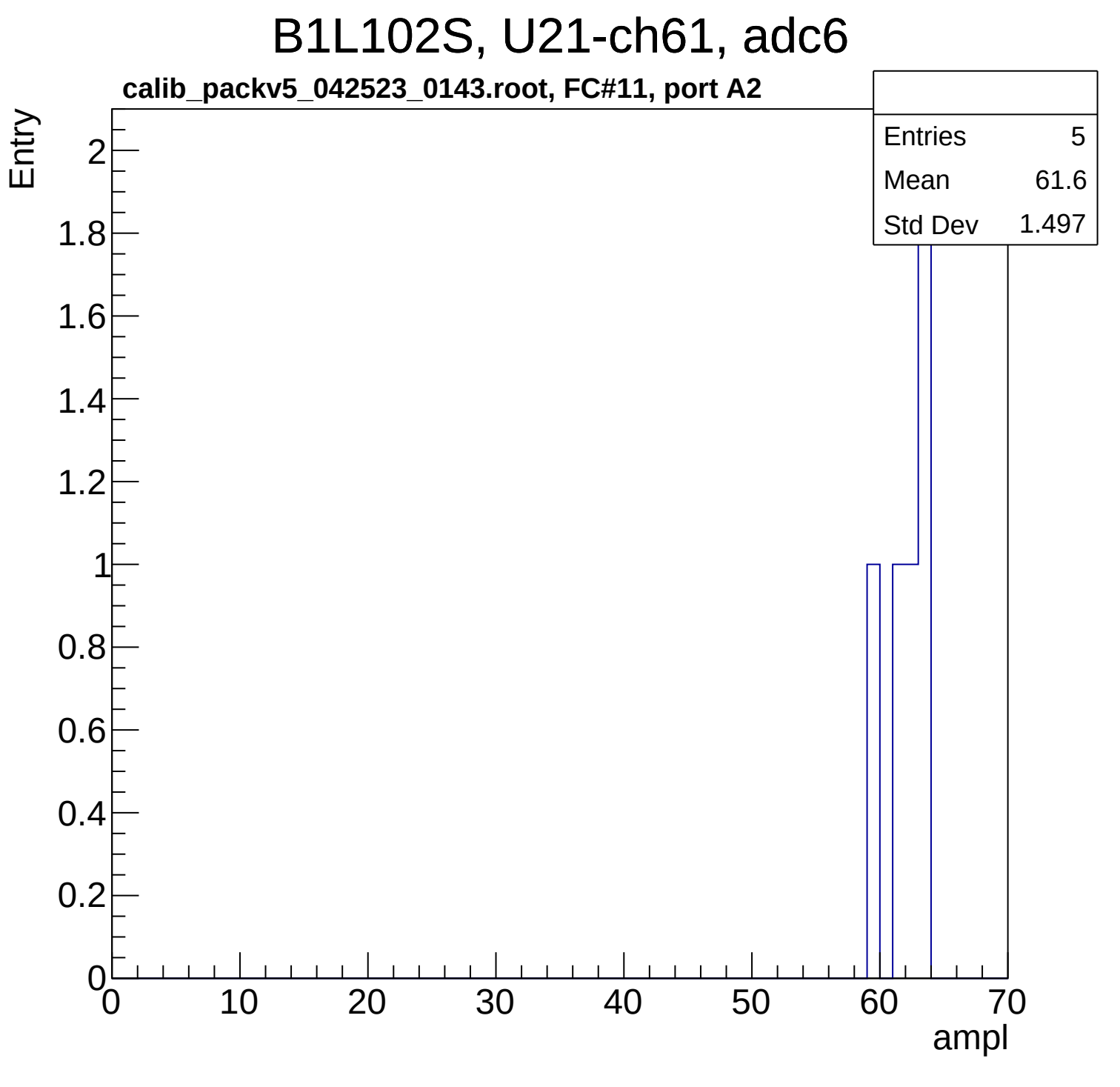
B1L102S, U21-ch61, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 5
Mean 61.6
Std Dev 1.497
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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60
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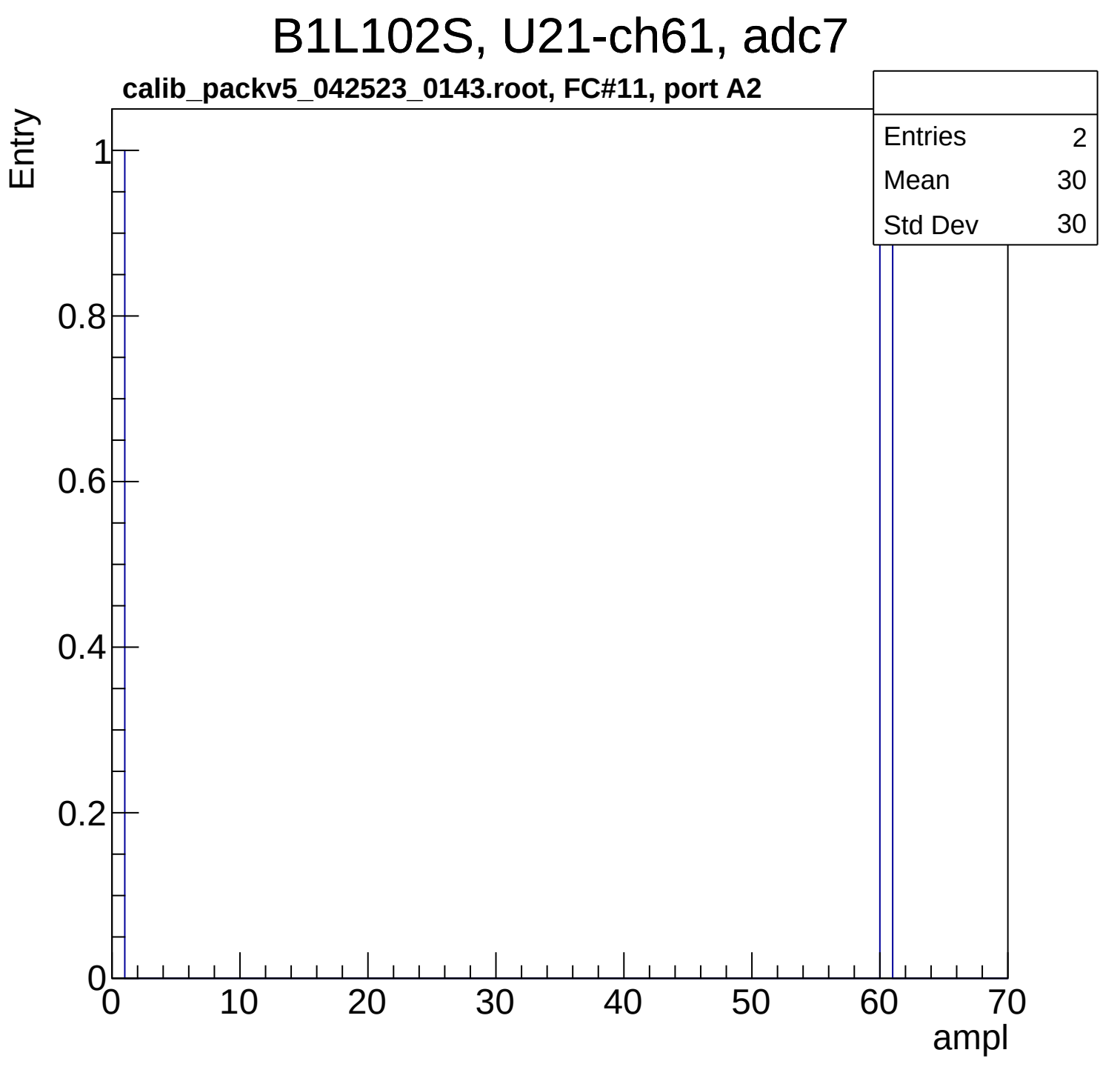
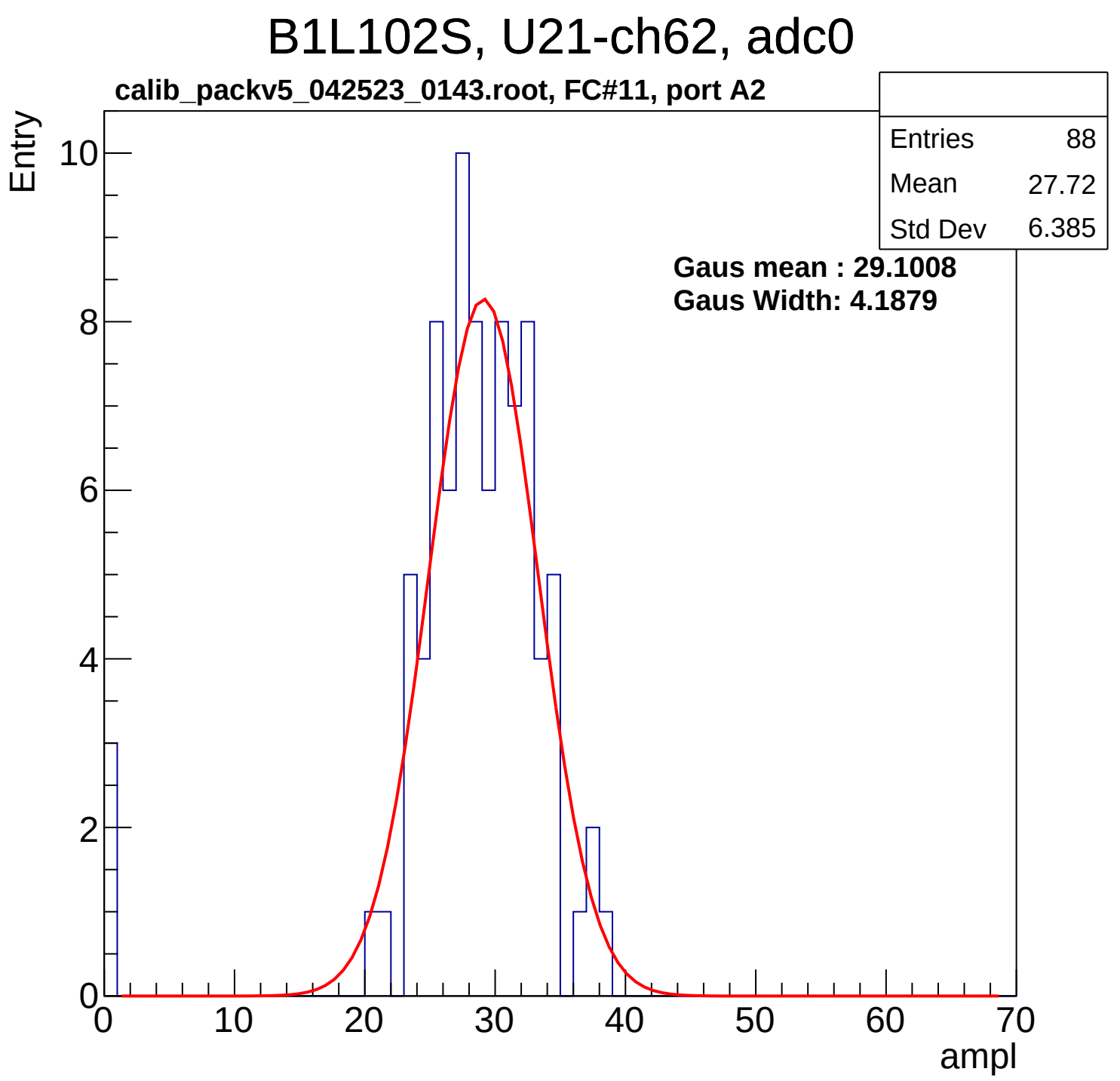

B1L102S, U21-ch61, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 30
Std Dev 30
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch62, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 88
Mean 27.72
Std Dev 6.385
Gaus mean : 29.1008
Gaus Width: 4.1879
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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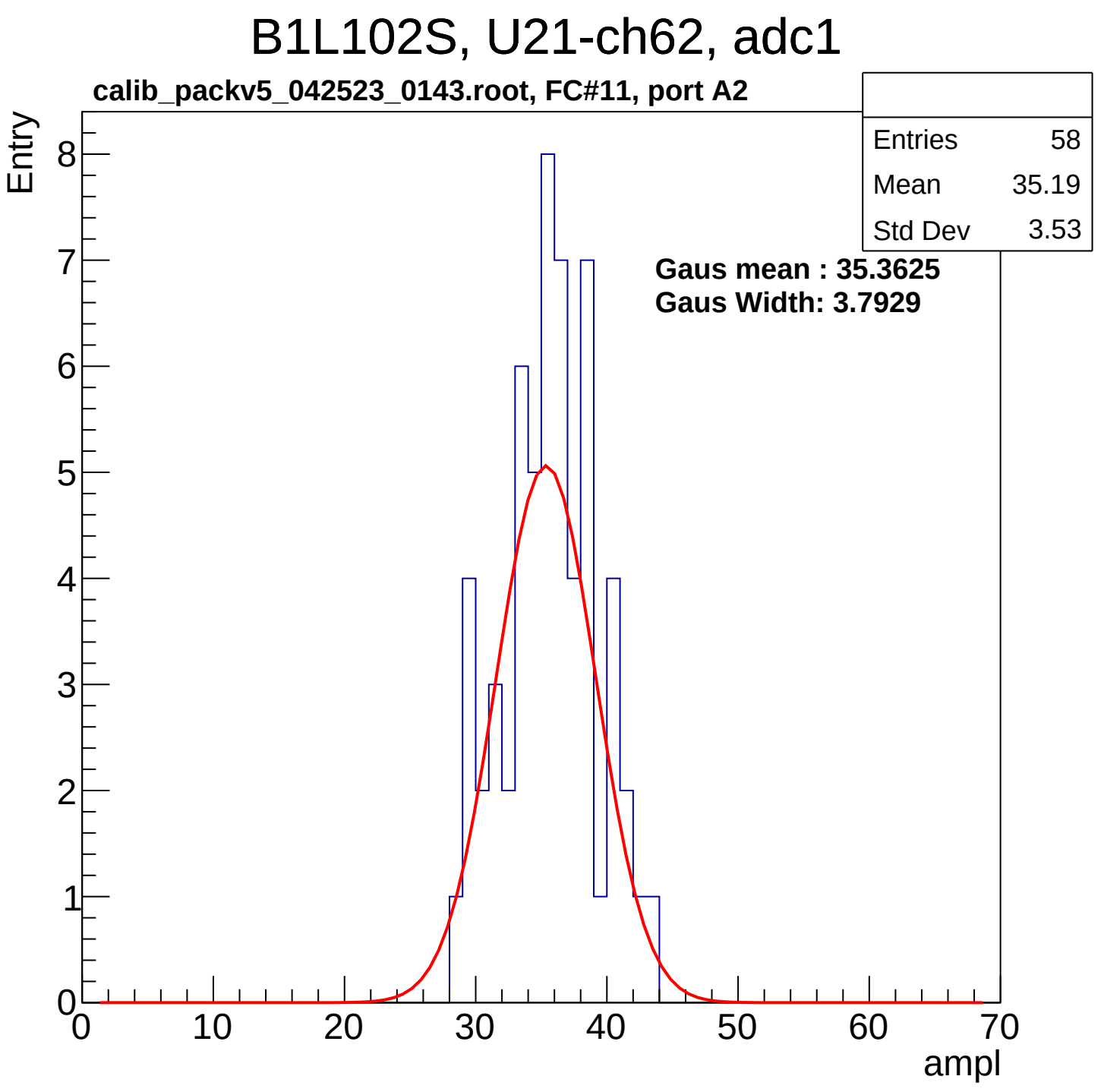
B1L102S, U21-ch62, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 35.19
Std Dev 3.53
Gaus mean : 35.3625
Gaus Width: 3.7929
Entry
ampl
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1
2
3
4
5
6
7
8
0
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40
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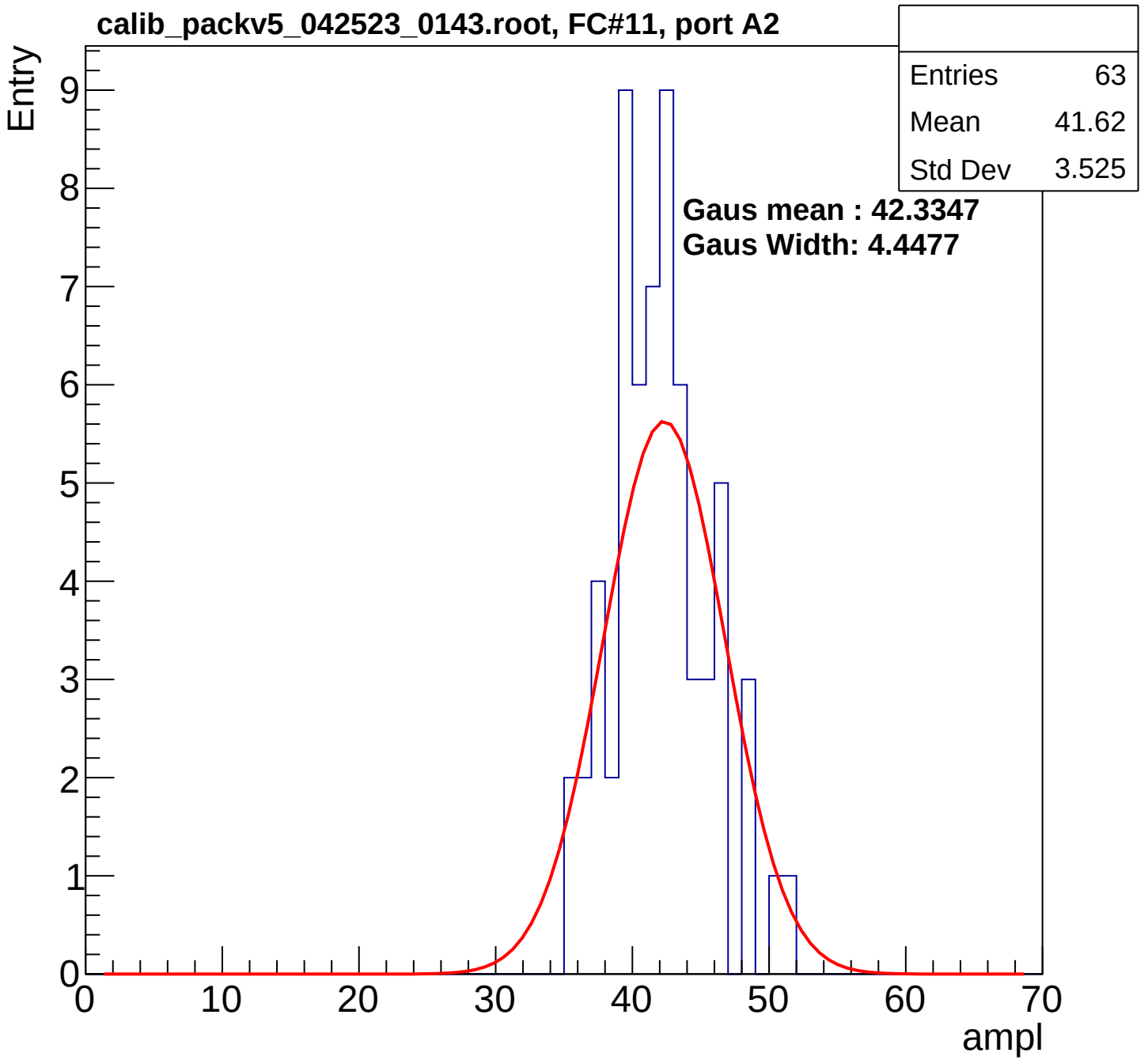
B1L102S, U21-ch62, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 41.62
Std Dev 3.525
Gaus mean : 42.3347
Gaus Width: 4.4477
Entry
ampl
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2
3
4
5
6
7
8
9
0
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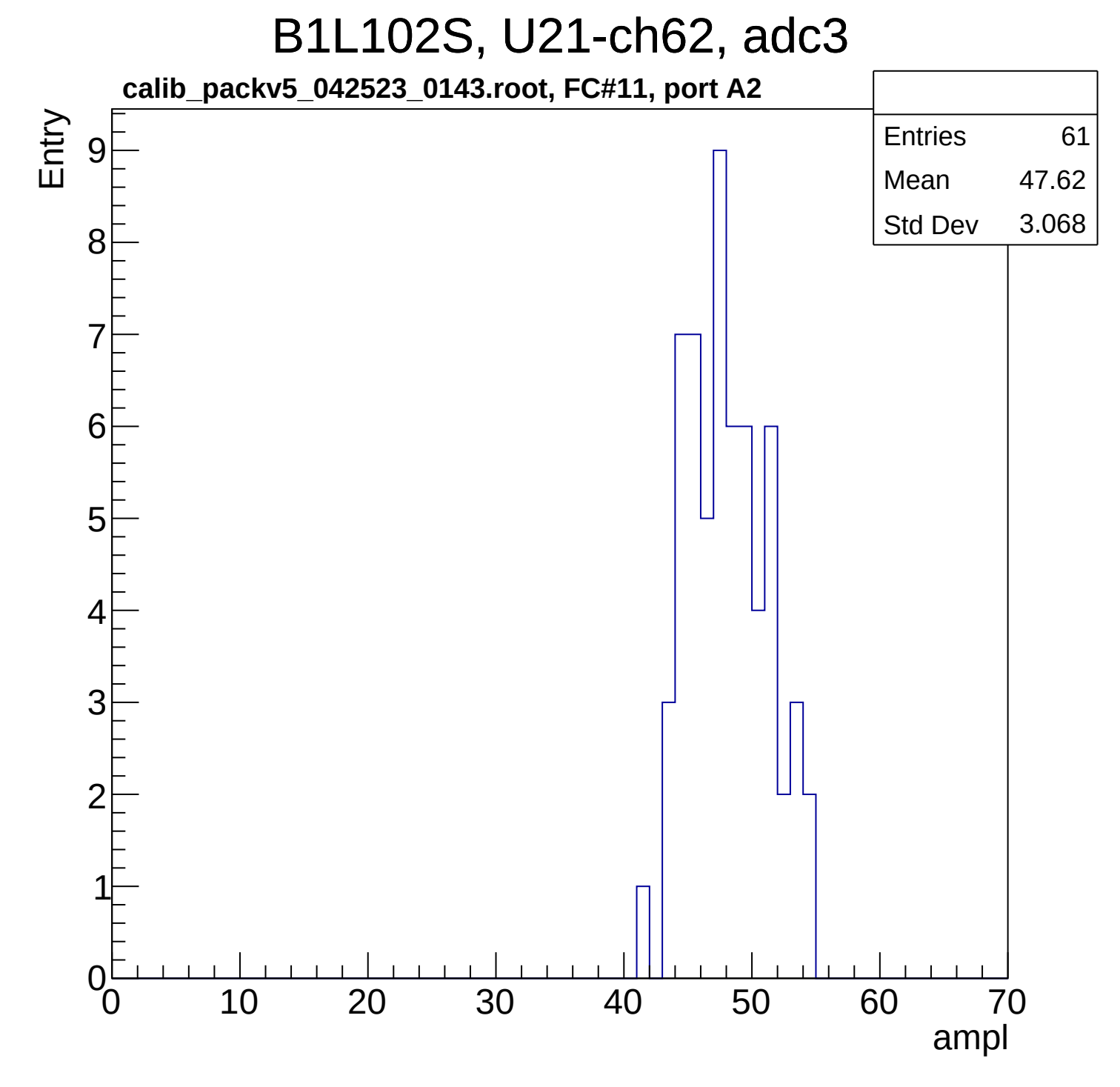
B1L102S, U21-ch62, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 47.62
Std Dev 3.068
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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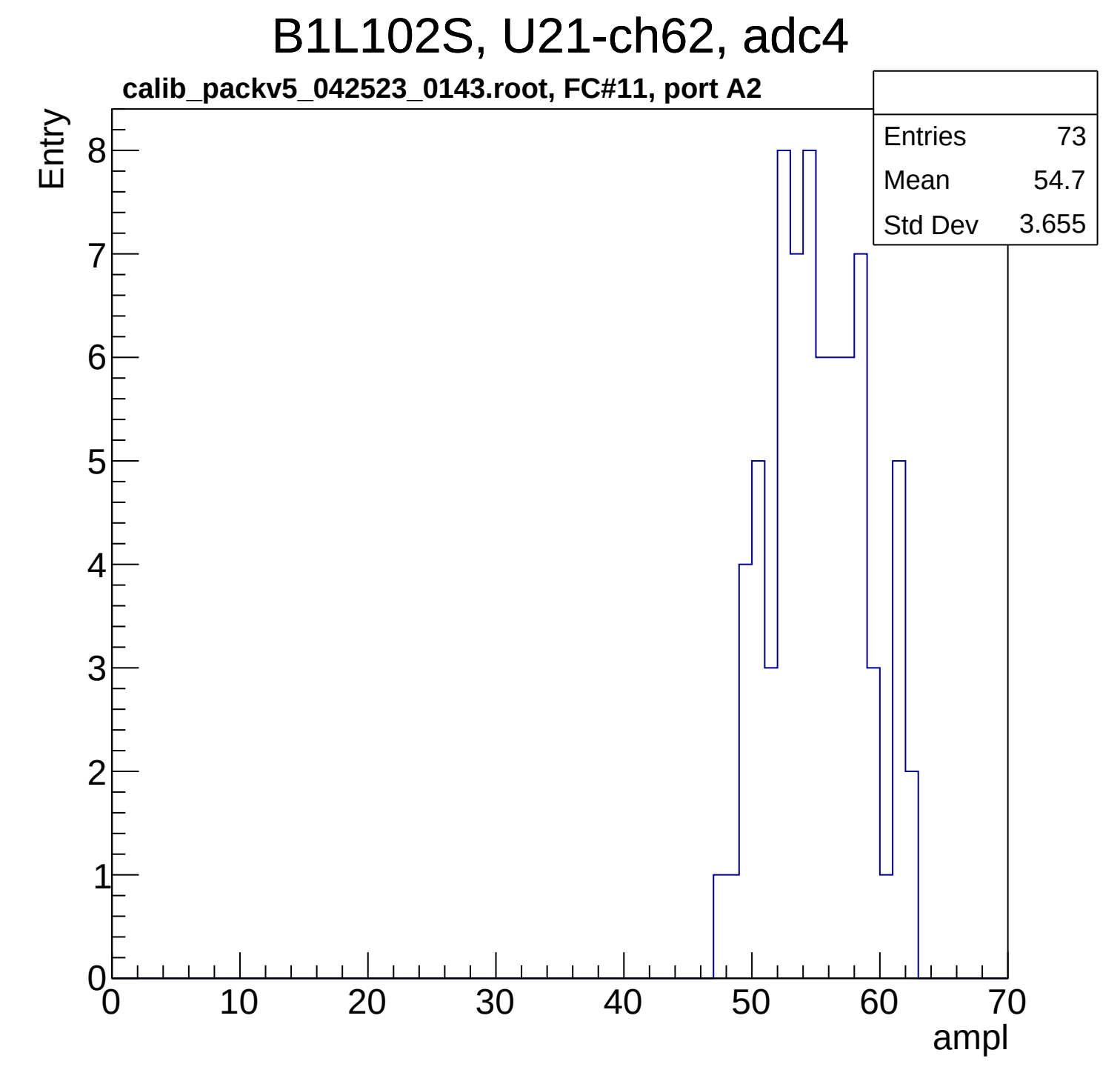
B1L102S, U21-ch62, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 54.7
Std Dev 3.655
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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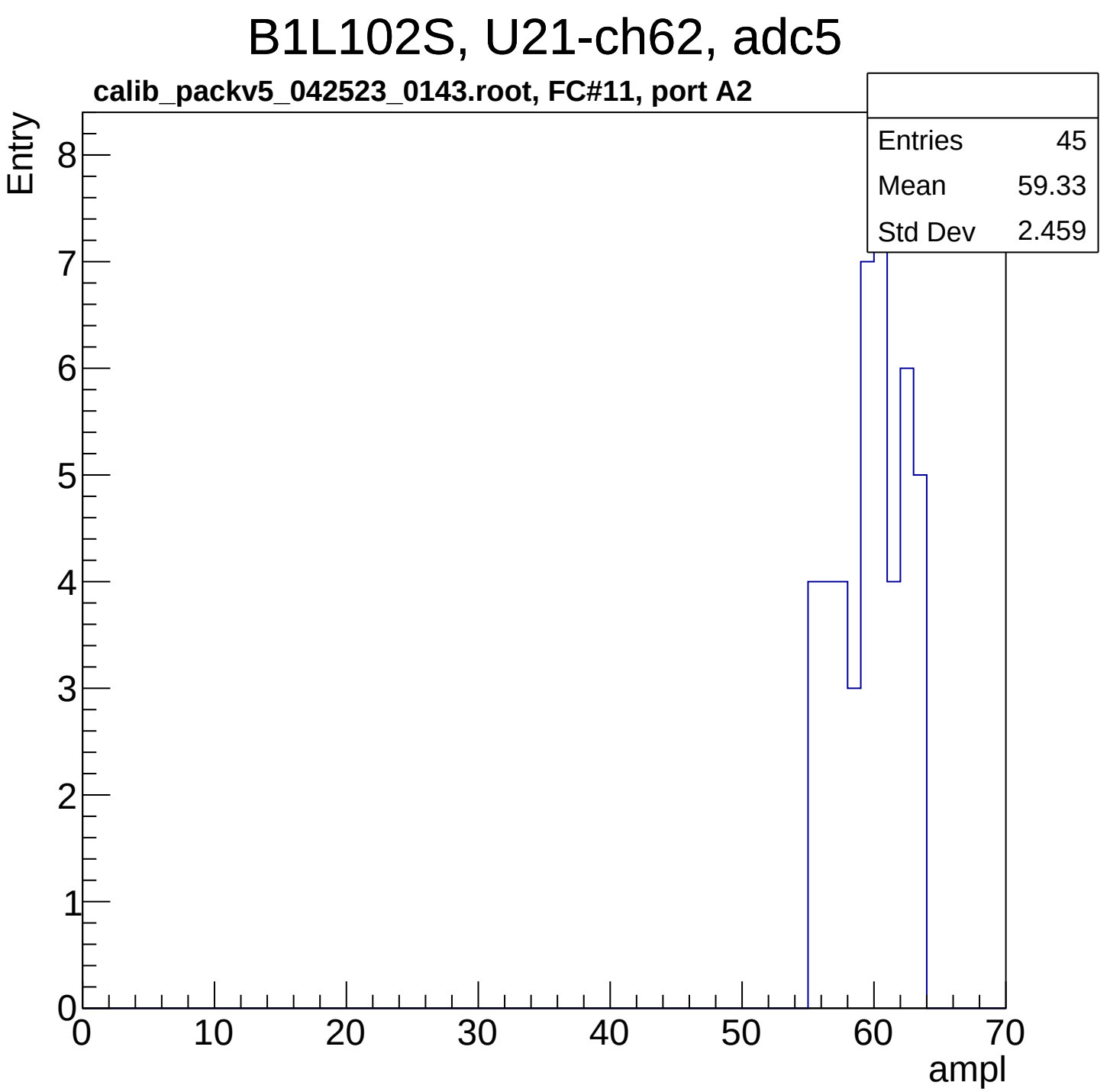
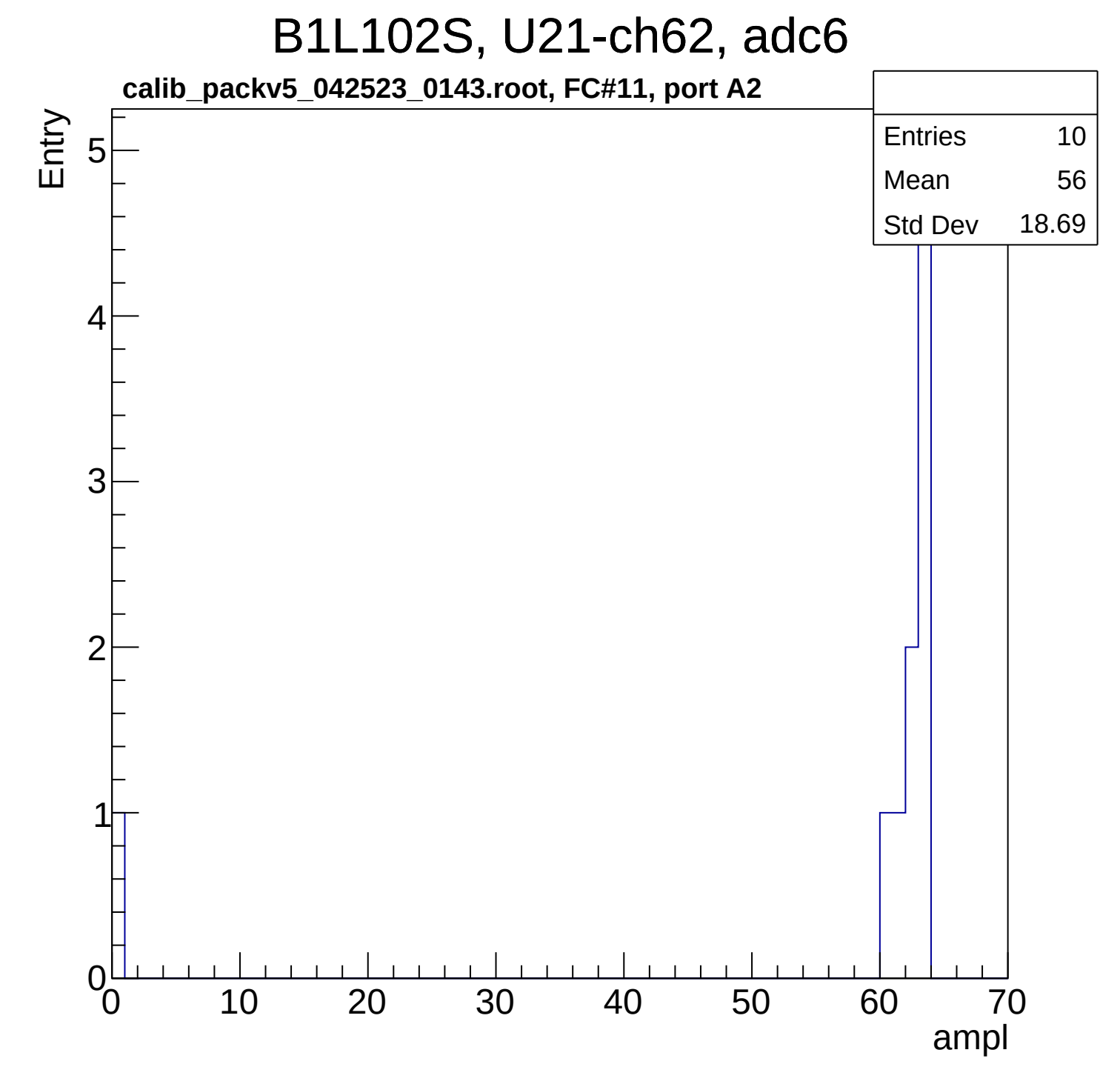
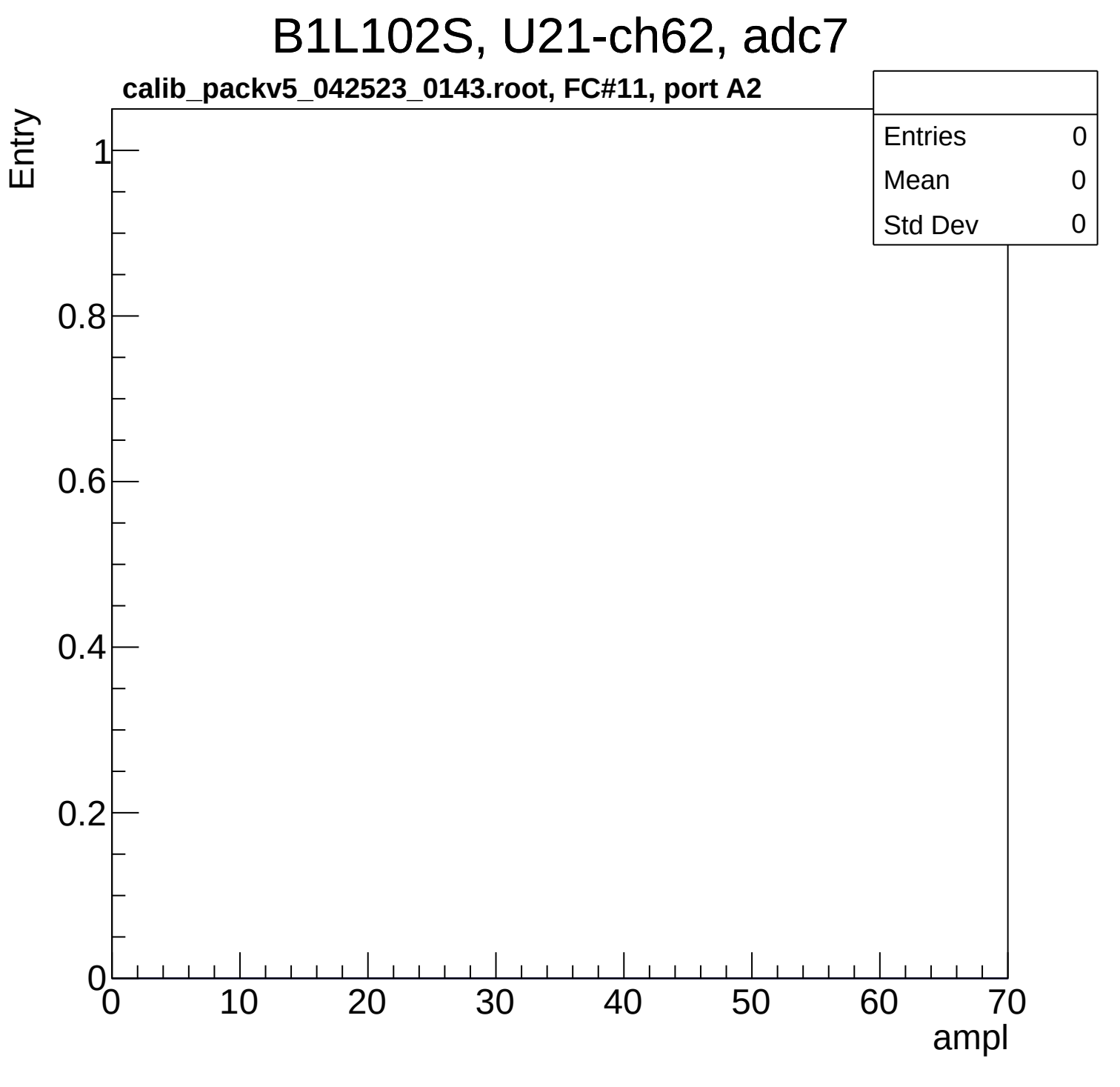

B1L102S, U21-ch62, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 45
Mean 59.33
Std Dev 2.459
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch62, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 10
Mean 56
Std Dev 18.69
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L102S, U21-ch62, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
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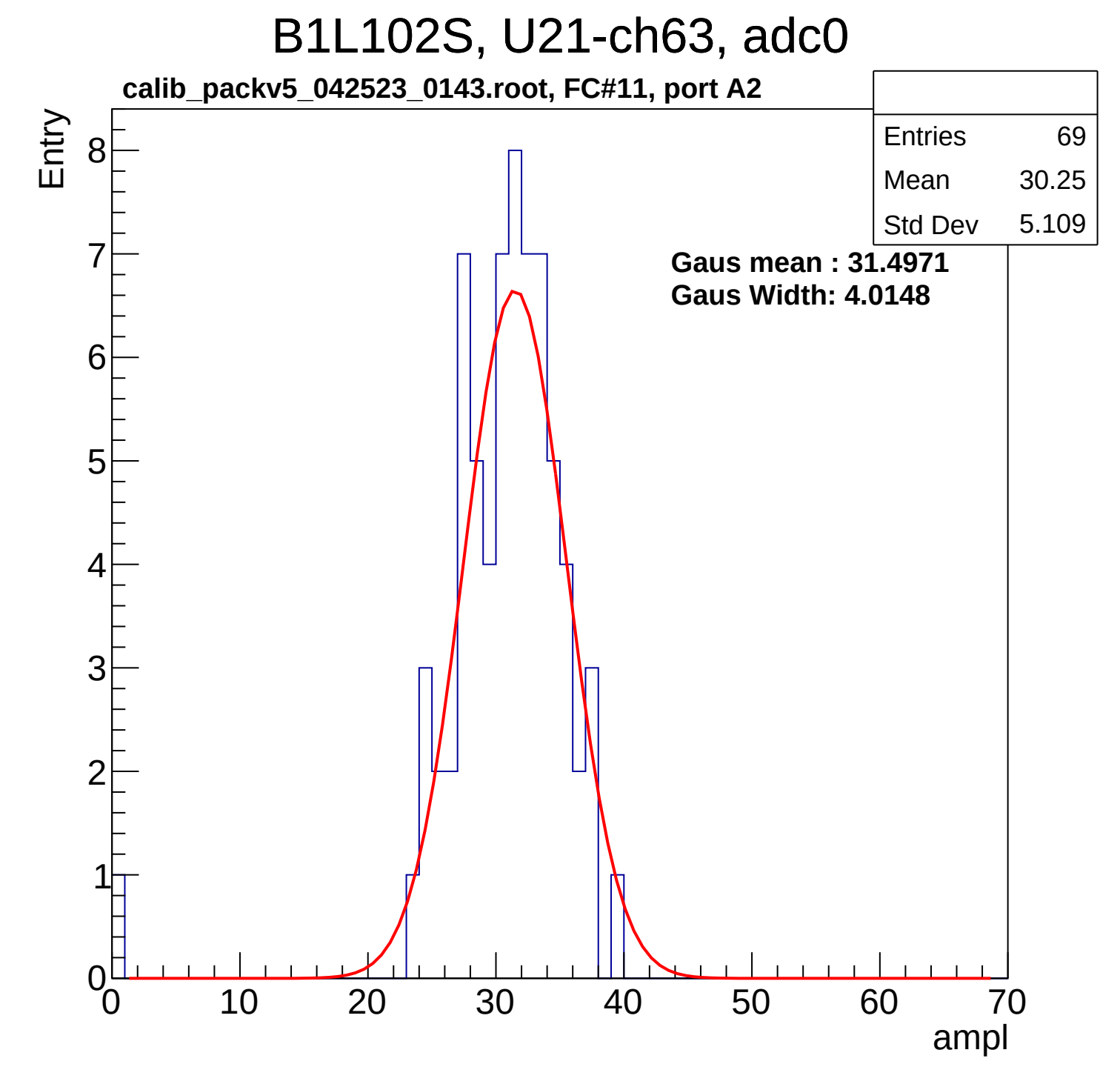
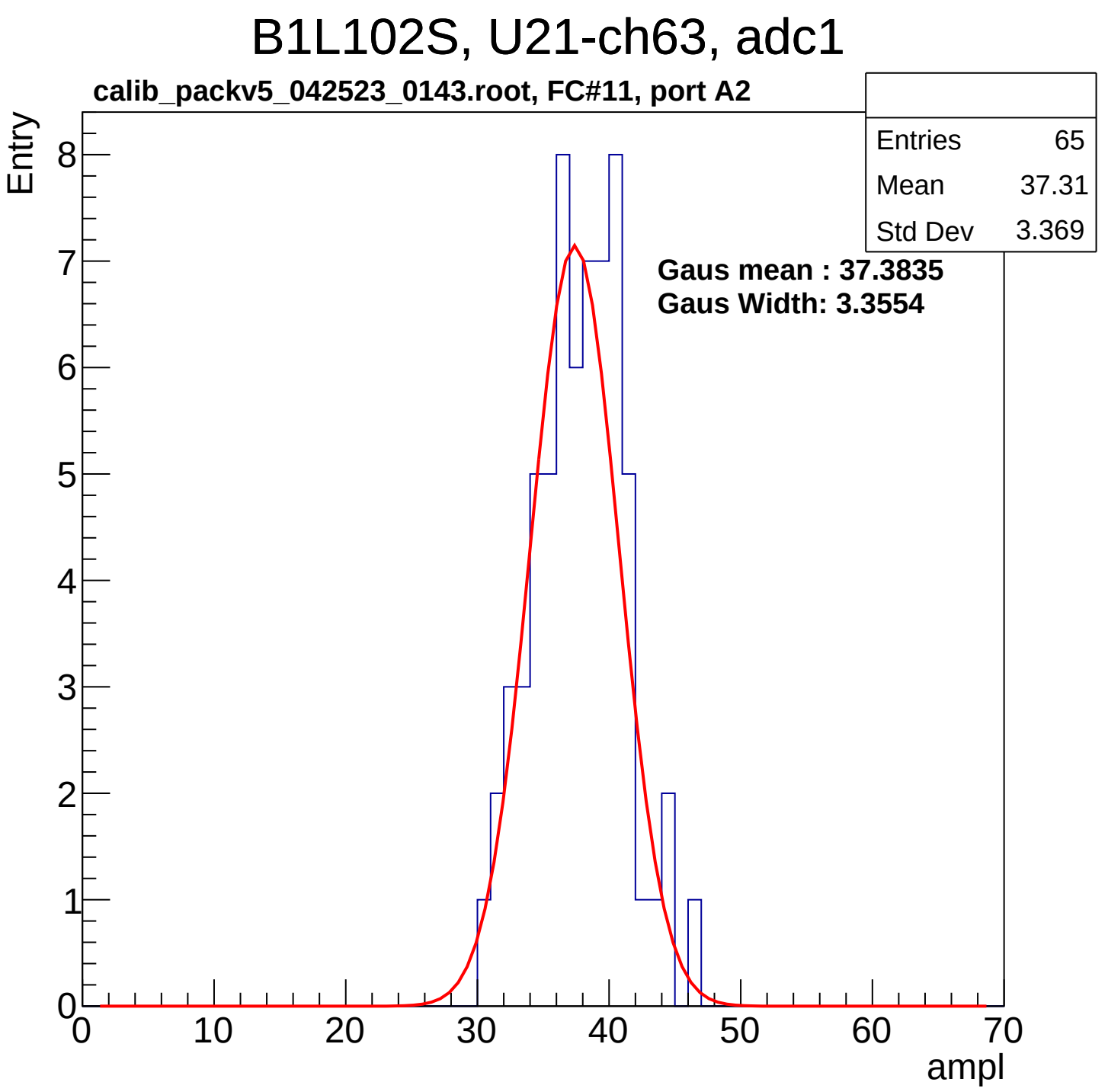
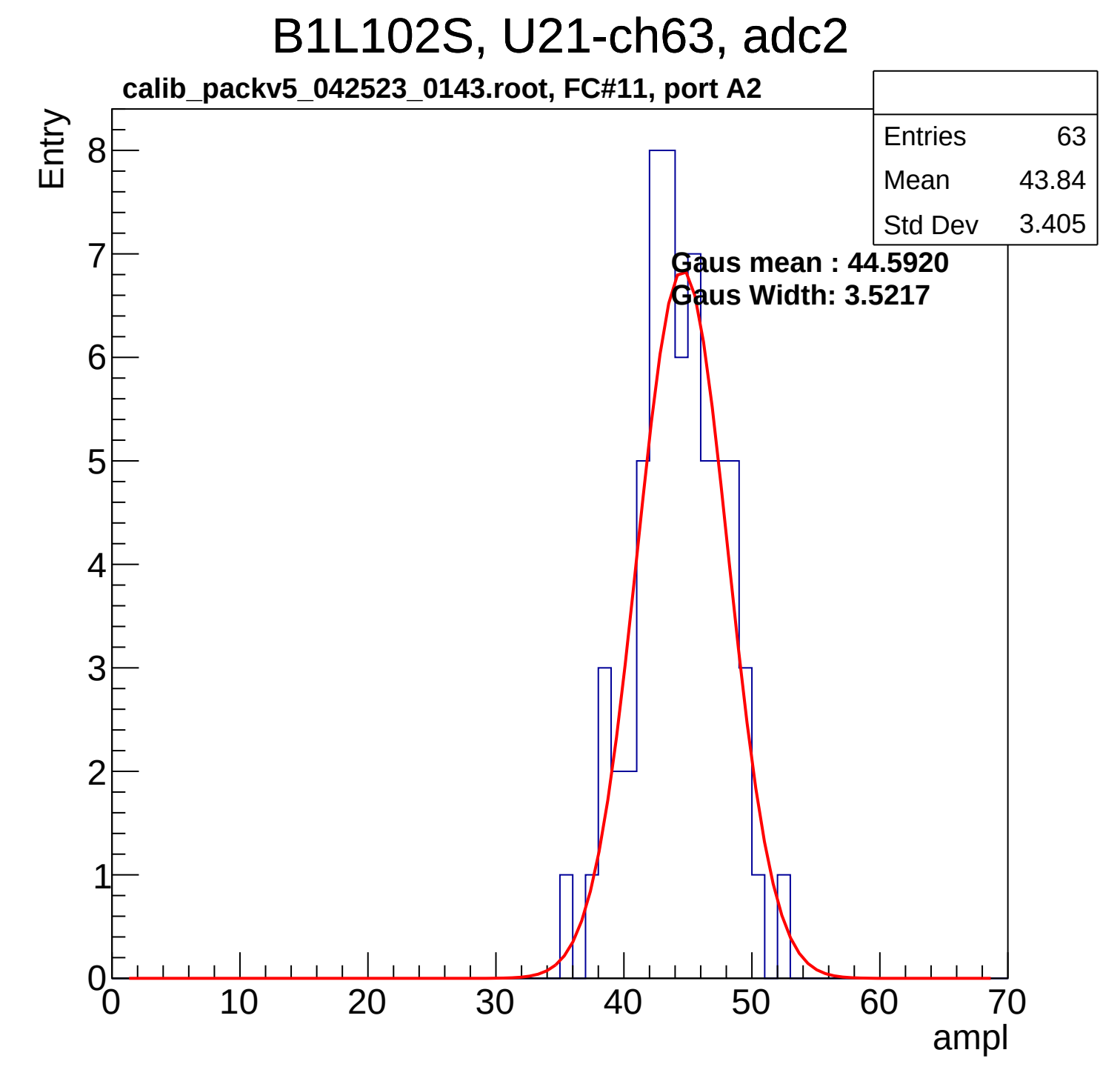
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch63, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 30.25
Std Dev 5.109
Gaus mean : 31.4971
Gaus Width: 4.0148
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch63, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 37.31
Std Dev 3.369
Gaus mean : 37.3835
Gaus Width: 3.3554
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch63, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 43.84
Std Dev 3.405
Gaus mean : 44.5920
Gaus Width: 3.5217
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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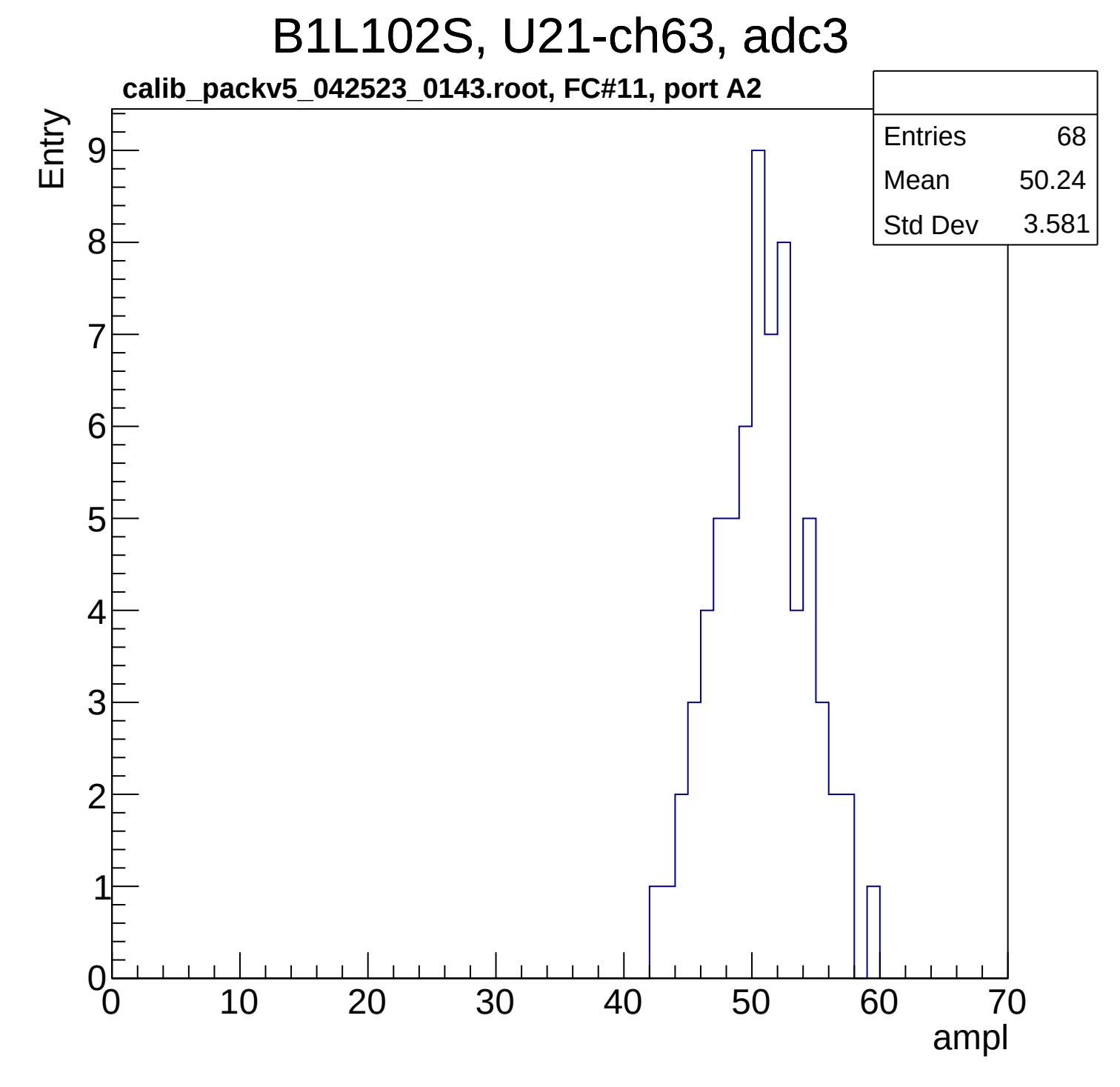
B1L102S, U21-ch63, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 50.24
Std Dev 3.581
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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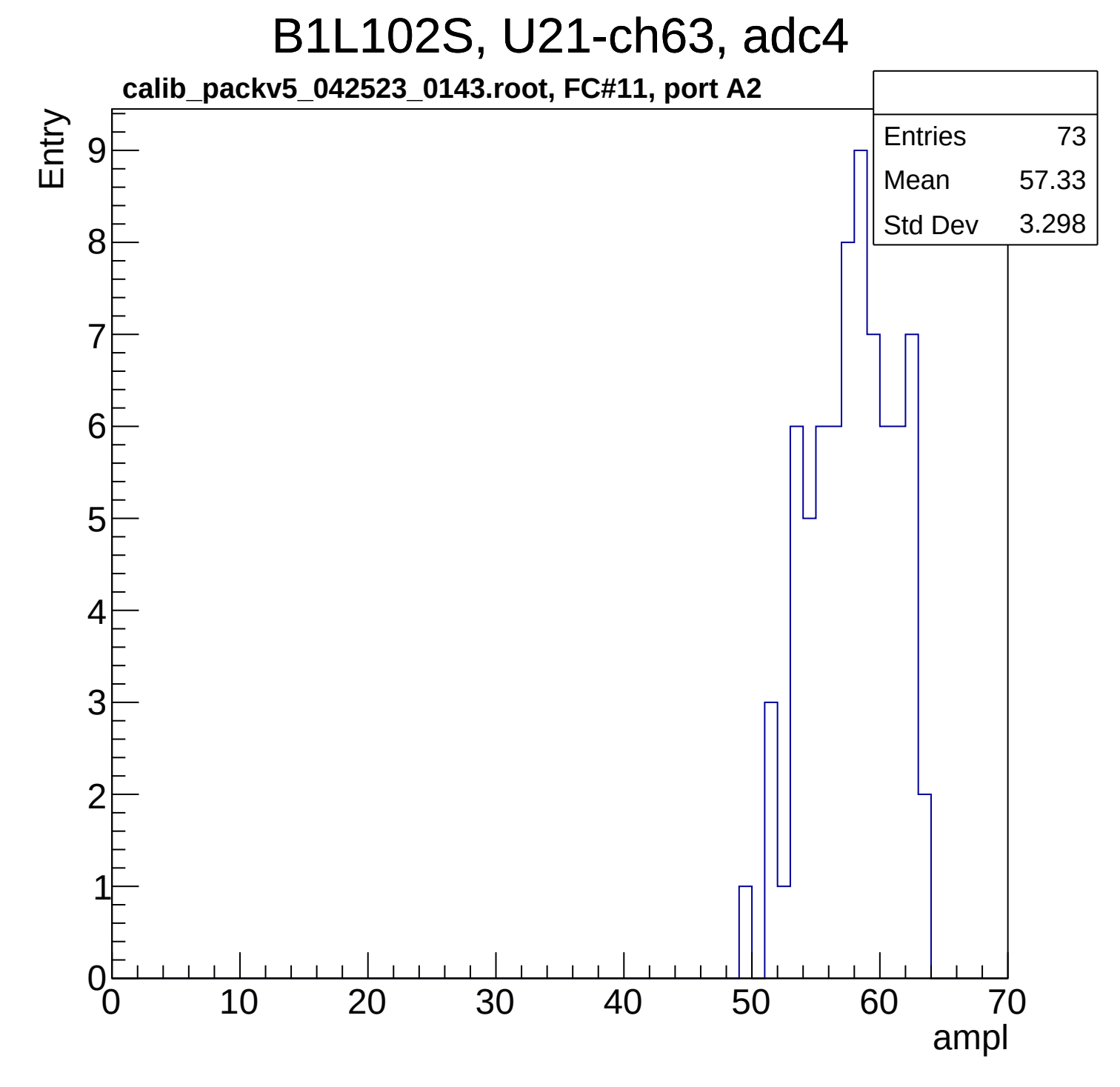
B1L102S, U21-ch63, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 57.33
Std Dev 3.298
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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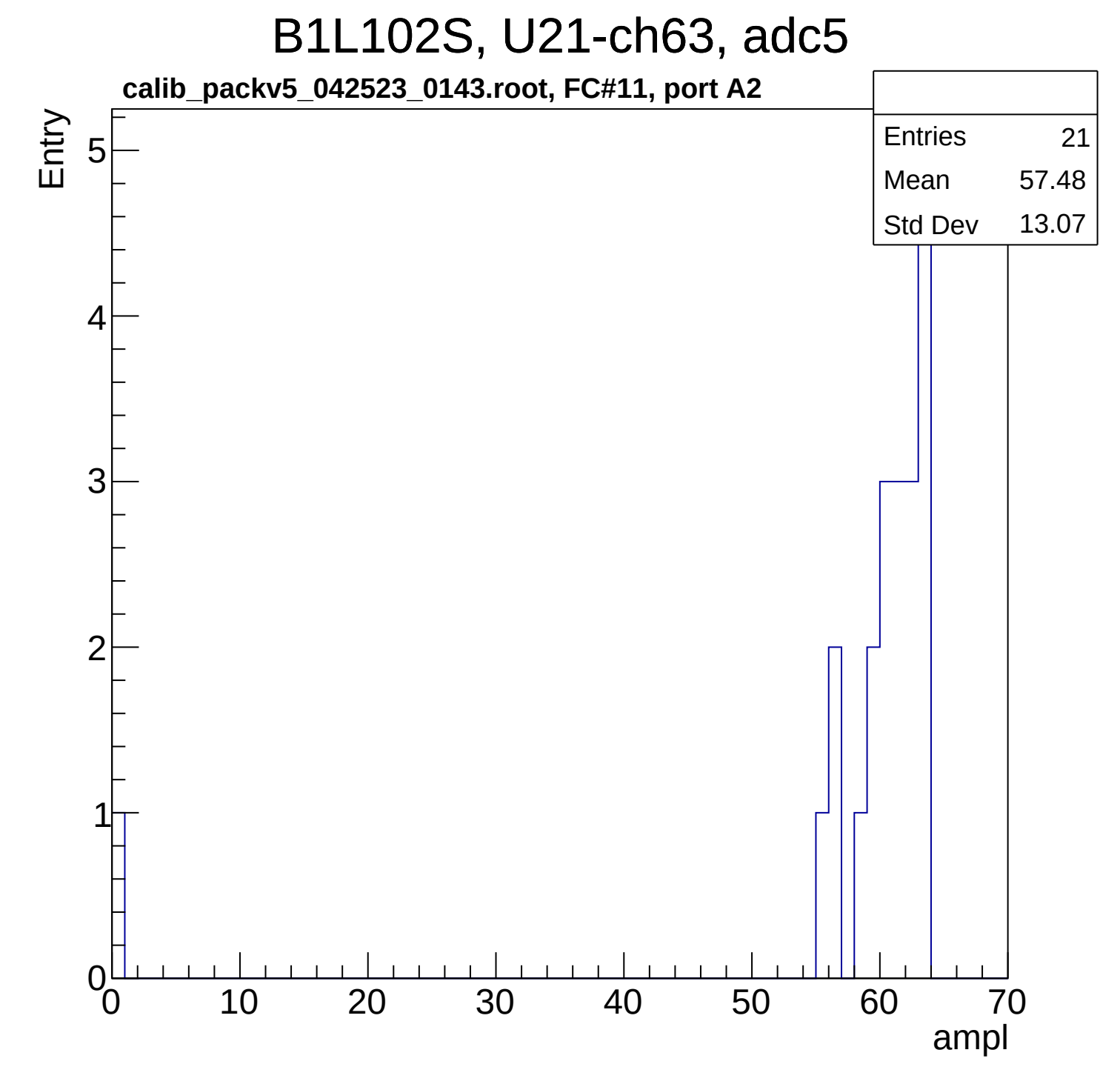
B1L102S, U21-ch63, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 21
Mean 57.48
Std Dev 13.07
Entry
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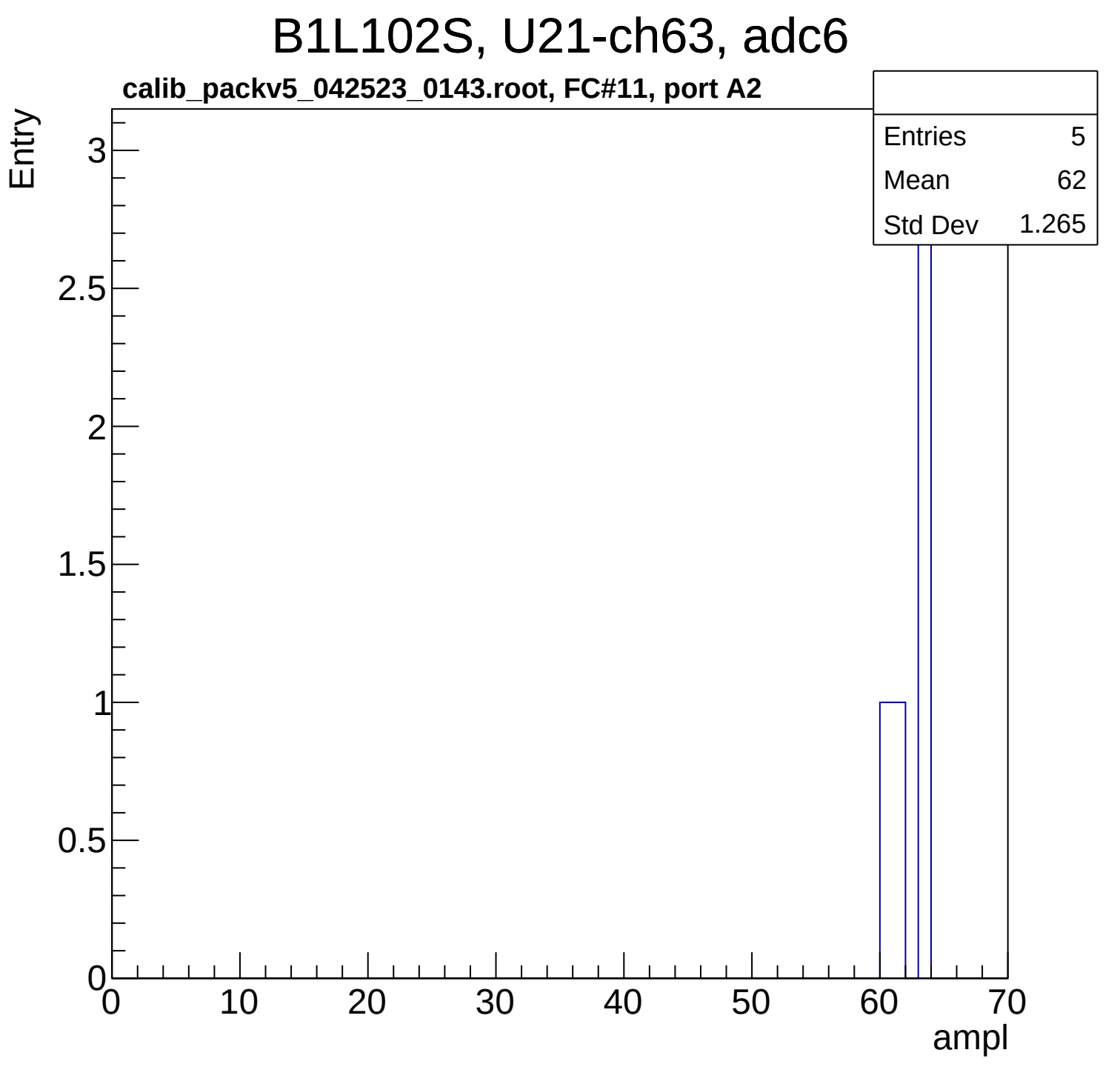
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch63, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 5
Mean 62
Std Dev 1.265
Entry
ampl
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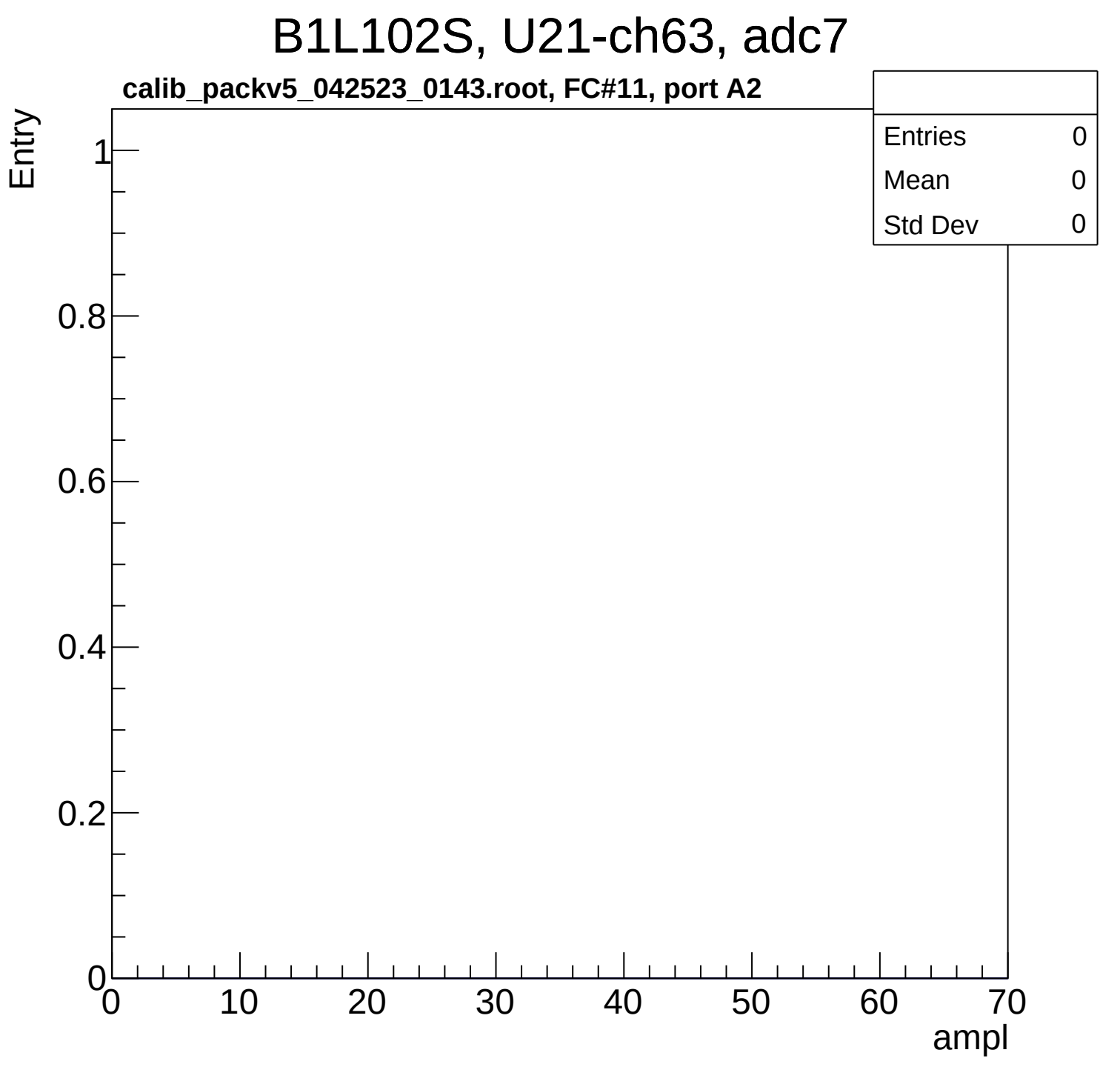
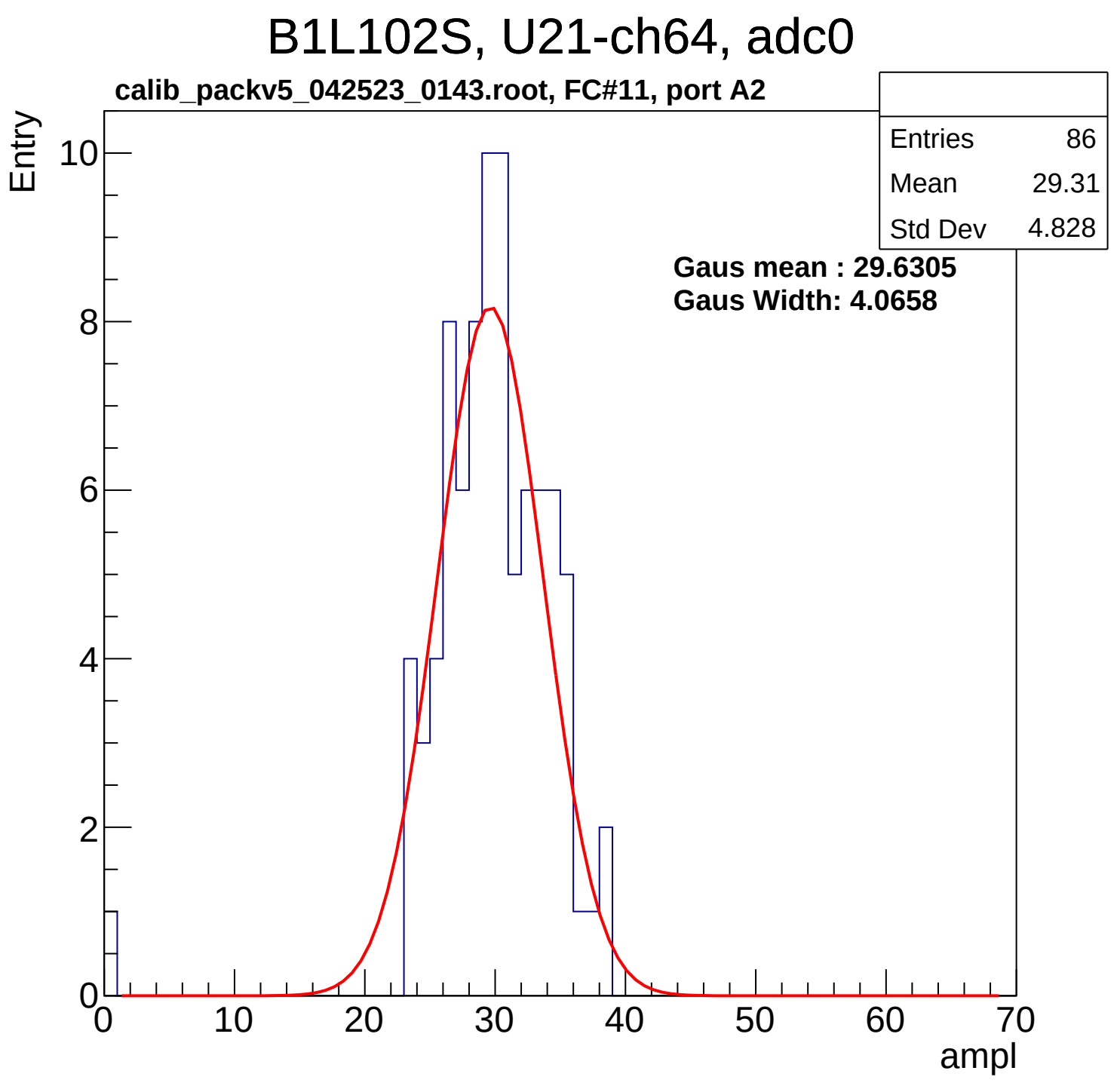
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U21-ch63, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch64, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 86
Mean 29.31
Std Dev 4.828
Gaus mean : 29.6305
Gaus Width: 4.0658
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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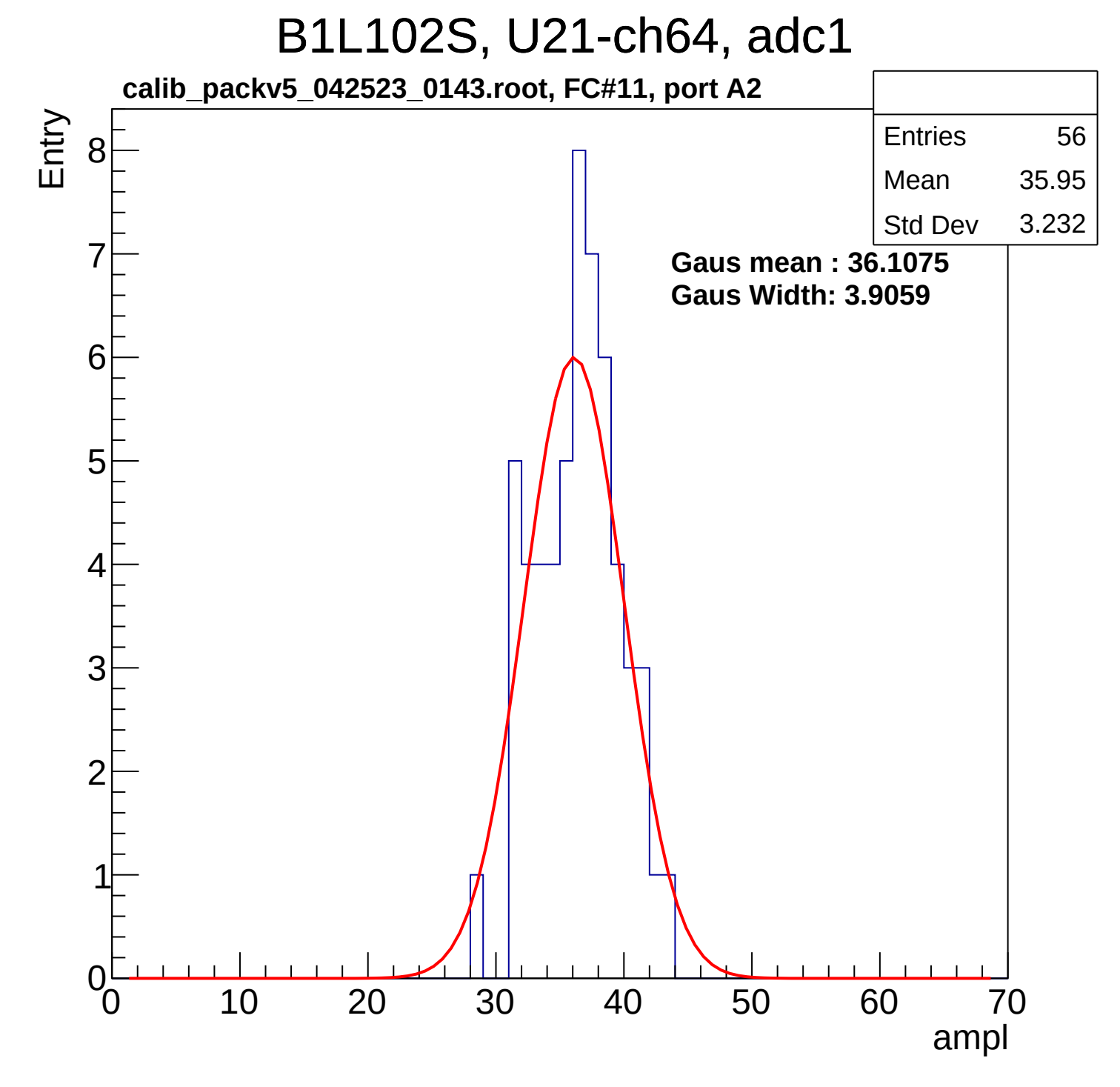
B1L102S, U21-ch64, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 35.95
Std Dev 3.232
Gaus mean : 36.1075
Gaus Width: 3.9059
Entry
ampl
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1
2
3
4
5
6
7
8
0
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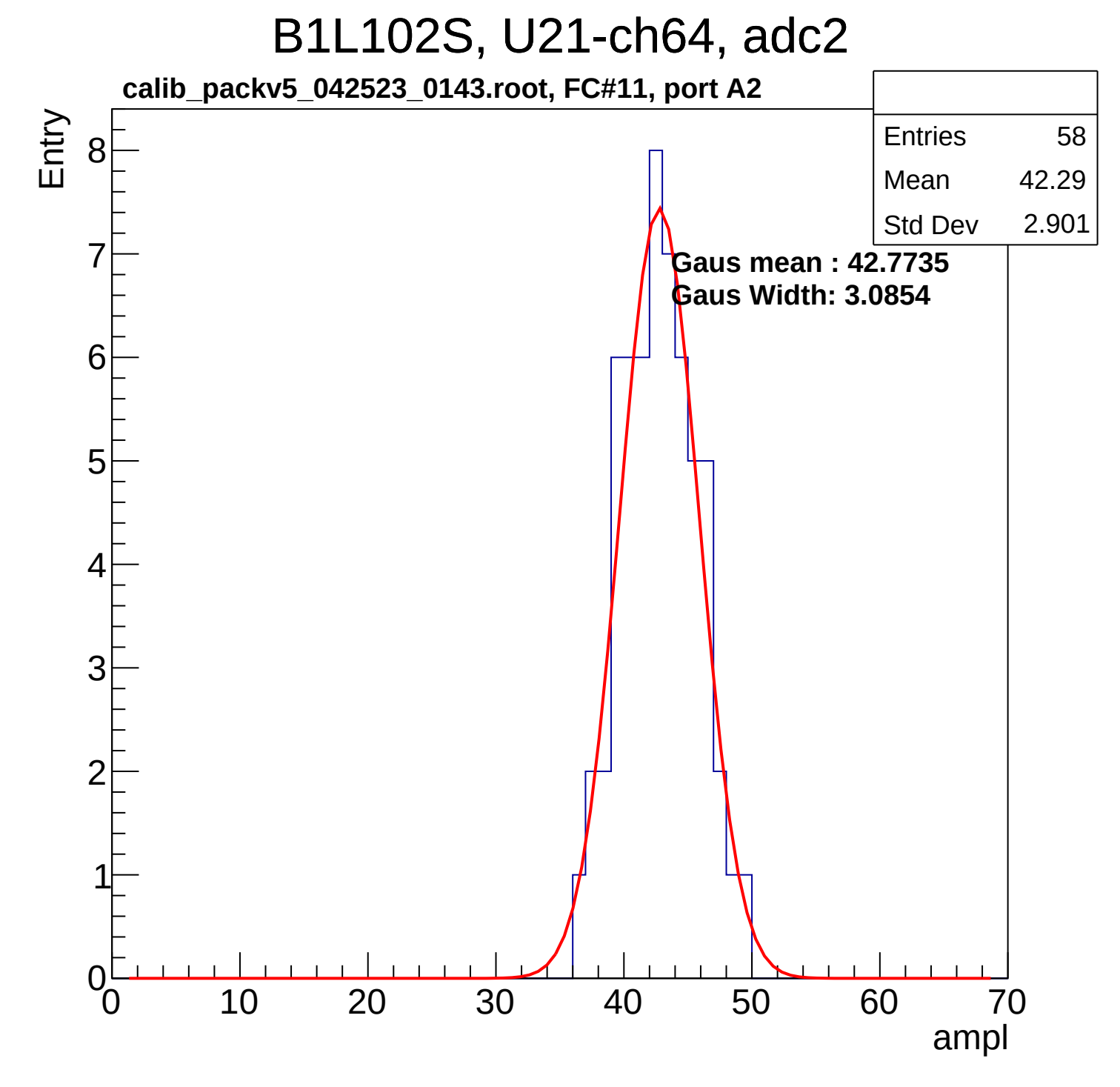
20
30
40
50
60
70


B1L102S, U21-ch64, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 42.29
Std Dev 2.901
Gaus mean : 42.7735
Gaus Width: 3.0854
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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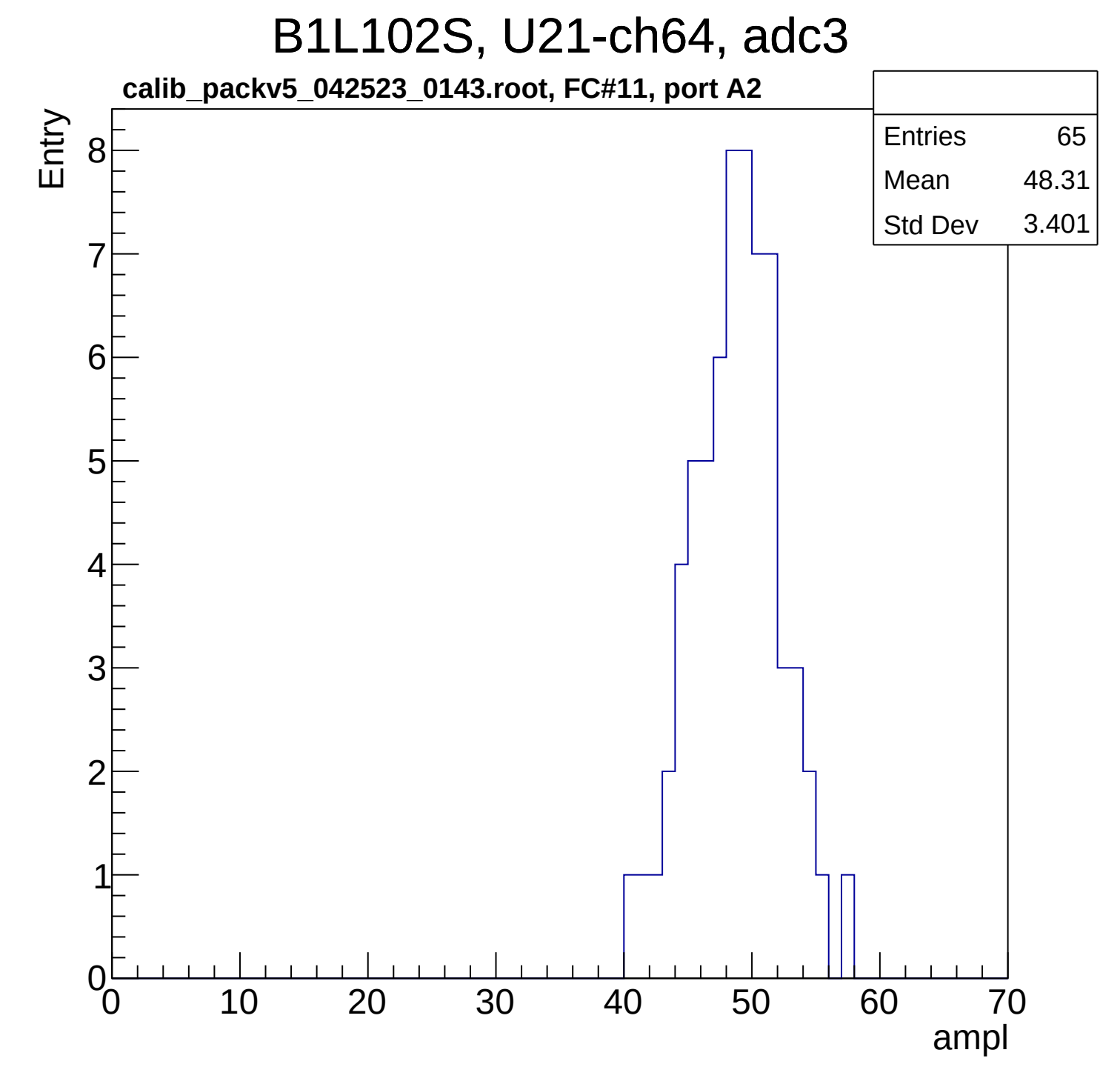
B1L102S, U21-ch64, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 48.31
Std Dev 3.401
Entry
ampl
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3
4
5
6
7
8
0
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20
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60
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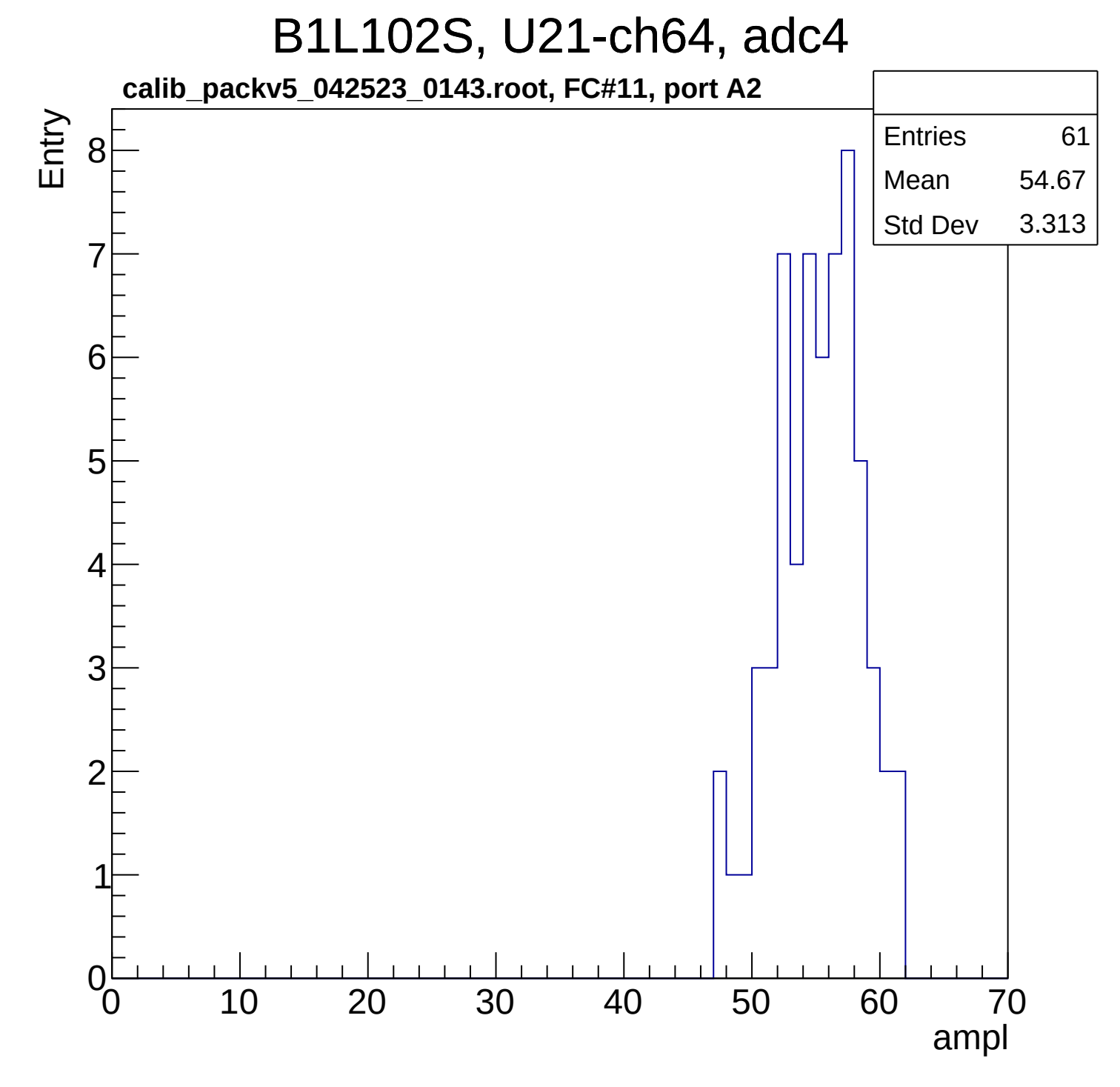
B1L102S, U21-ch64, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 54.67
Std Dev 3.313
Entry
ampl
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2
3
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7
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0
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60
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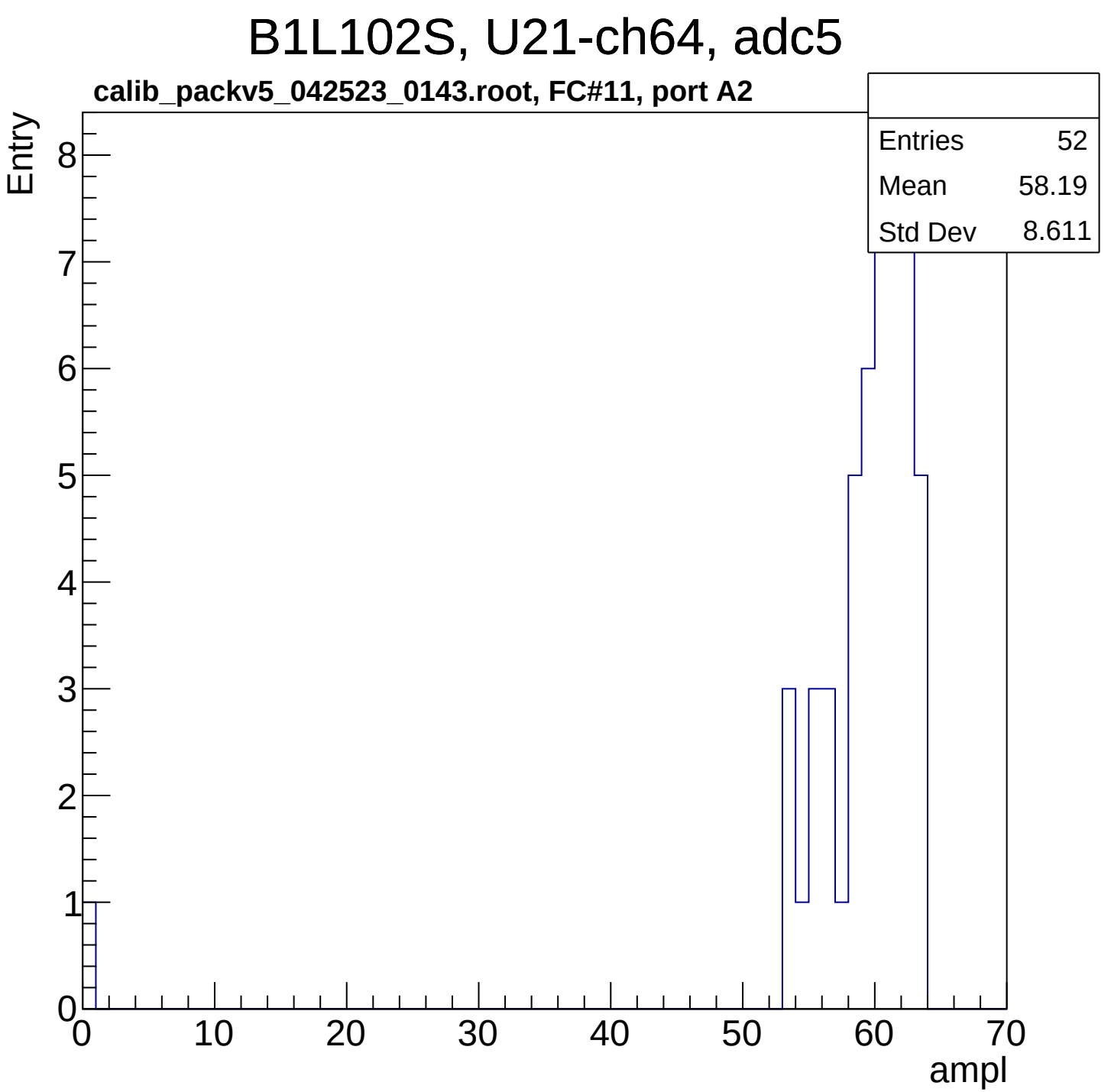
B1L102S, U21-ch64, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 58.19
Std Dev 8.611
Entry
ampl
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4
5
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7
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0
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60
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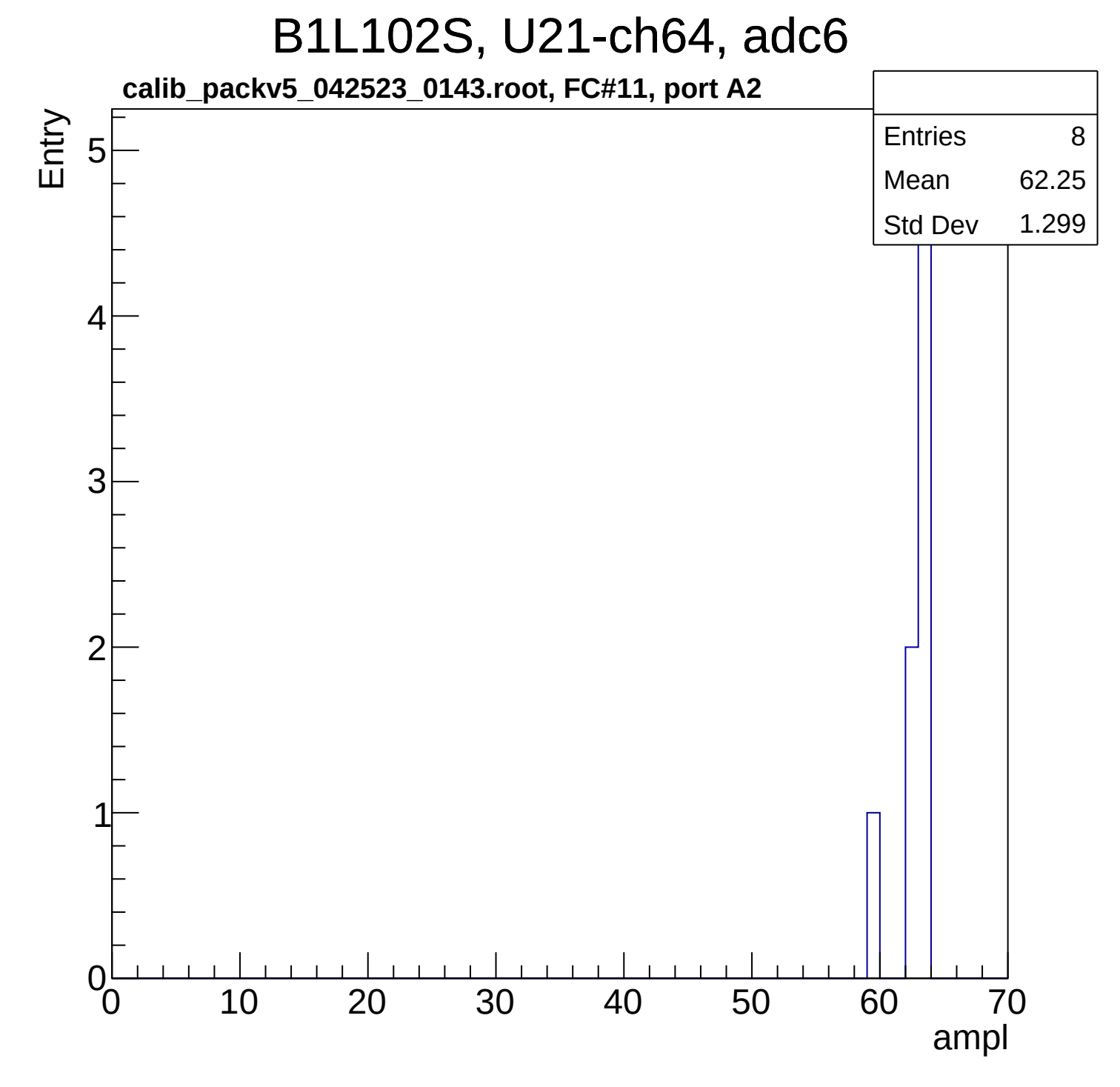
B1L102S, U21-ch64, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 8
Mean 62.25
Std Dev 1.299
Entry
ampl
0
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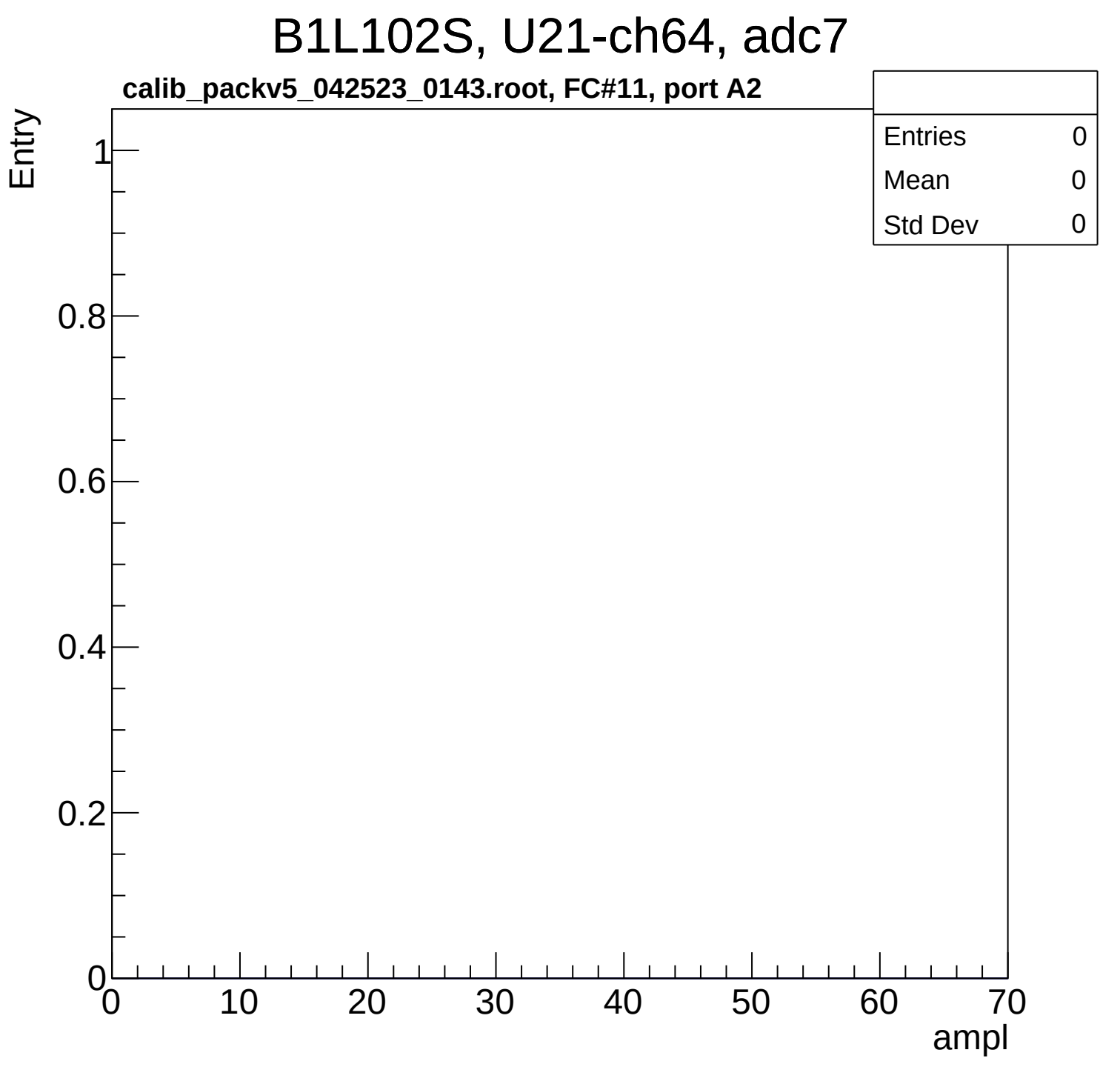
2
3
4
5
0
10
20
30
40
50
60
70


B1L102S, U21-ch64, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
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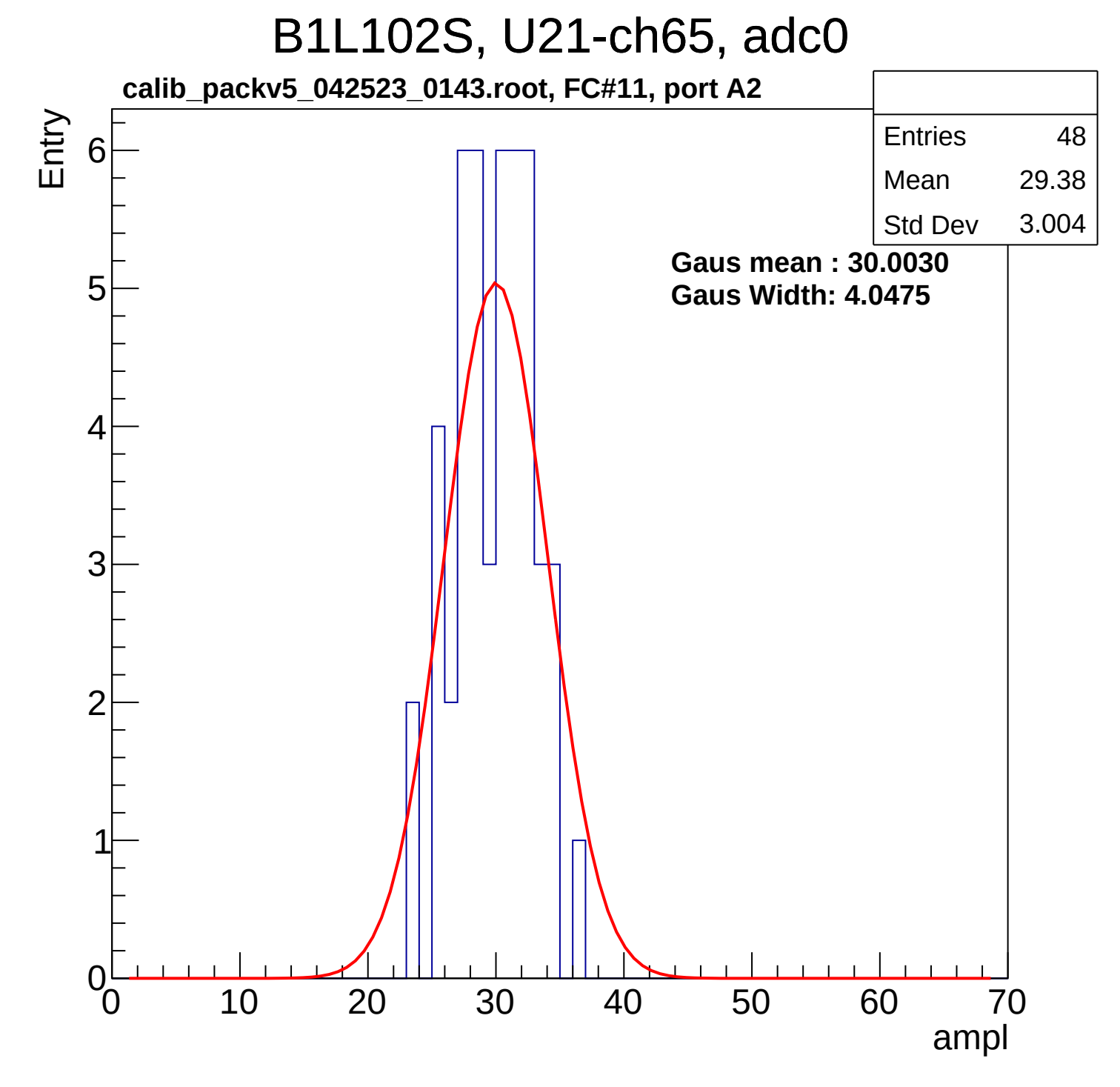
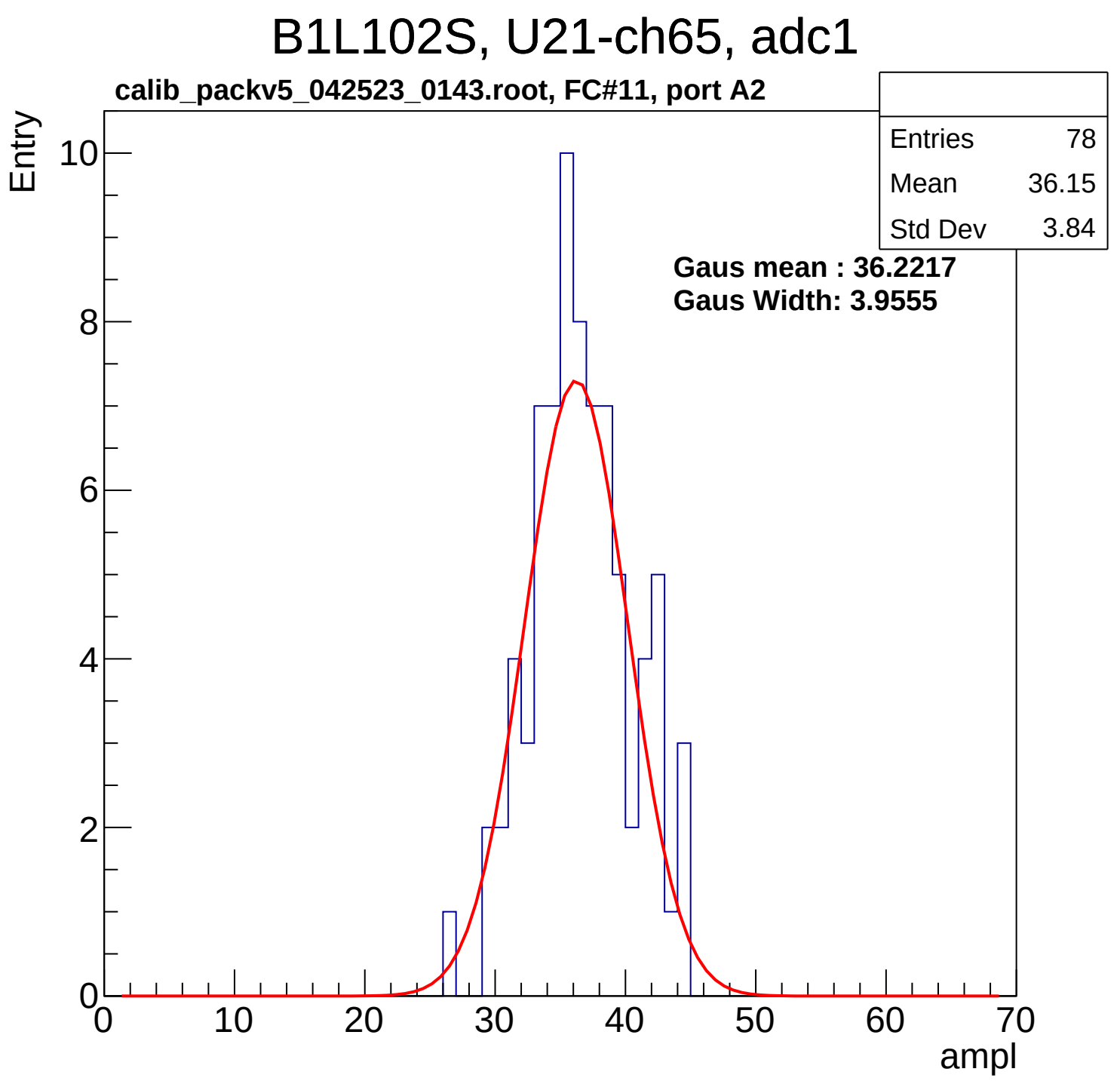
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch65, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 48
Mean 29.38
Std Dev 3.004
Gaus mean : 30.0030
Gaus Width: 4.0475
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U21-ch65, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 78
Mean 36.15
Std Dev 3.84
Gaus mean : 36.2217
Gaus Width: 3.9555
Entry
ampl
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8
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0
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40
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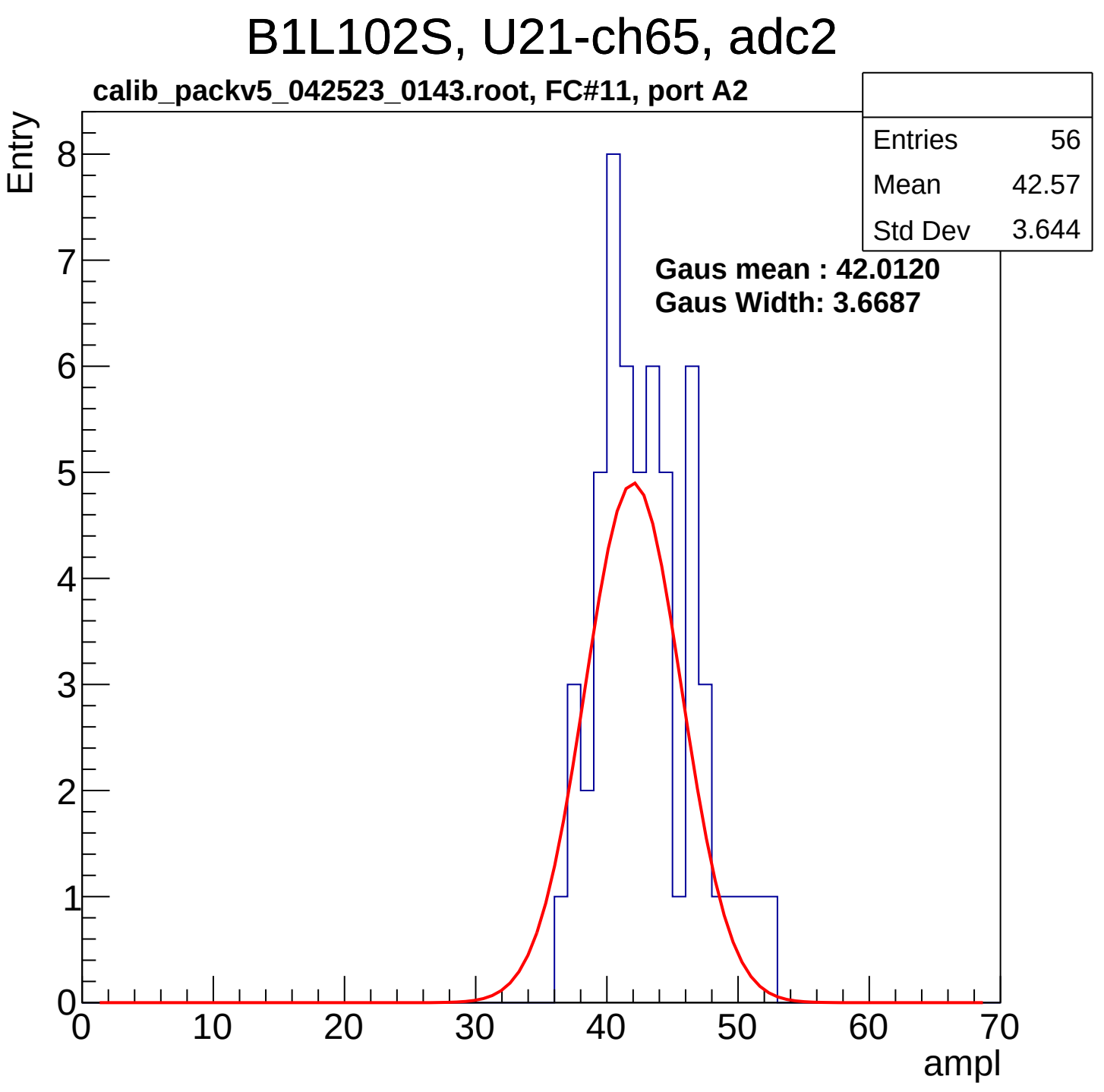
B1L102S, U21-ch65, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 42.57
Std Dev 3.644
Gaus mean : 42.0120
Gaus Width: 3.6687
Entry
ampl
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1
2
3
4
5
6
7
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0
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40
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60
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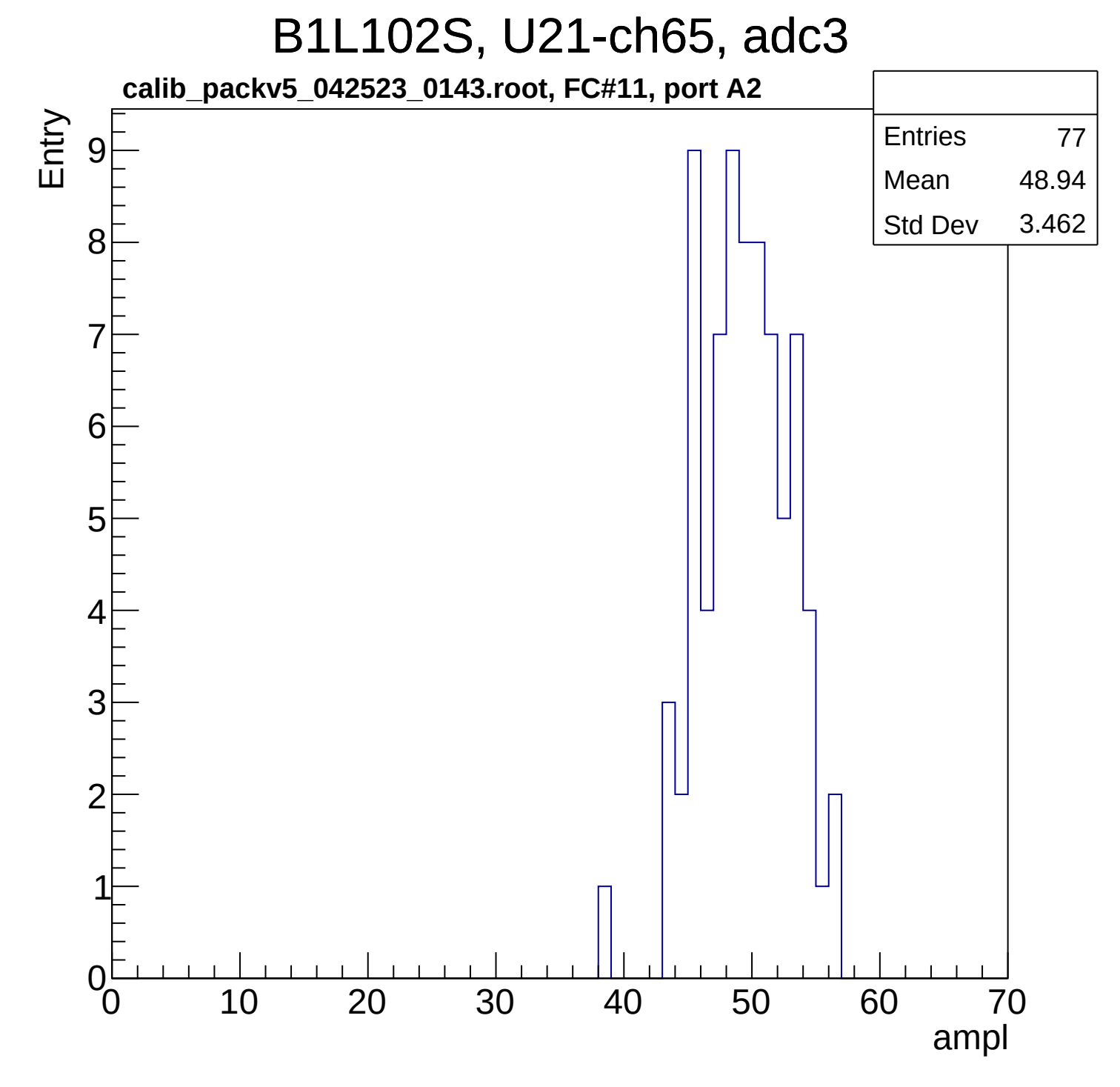
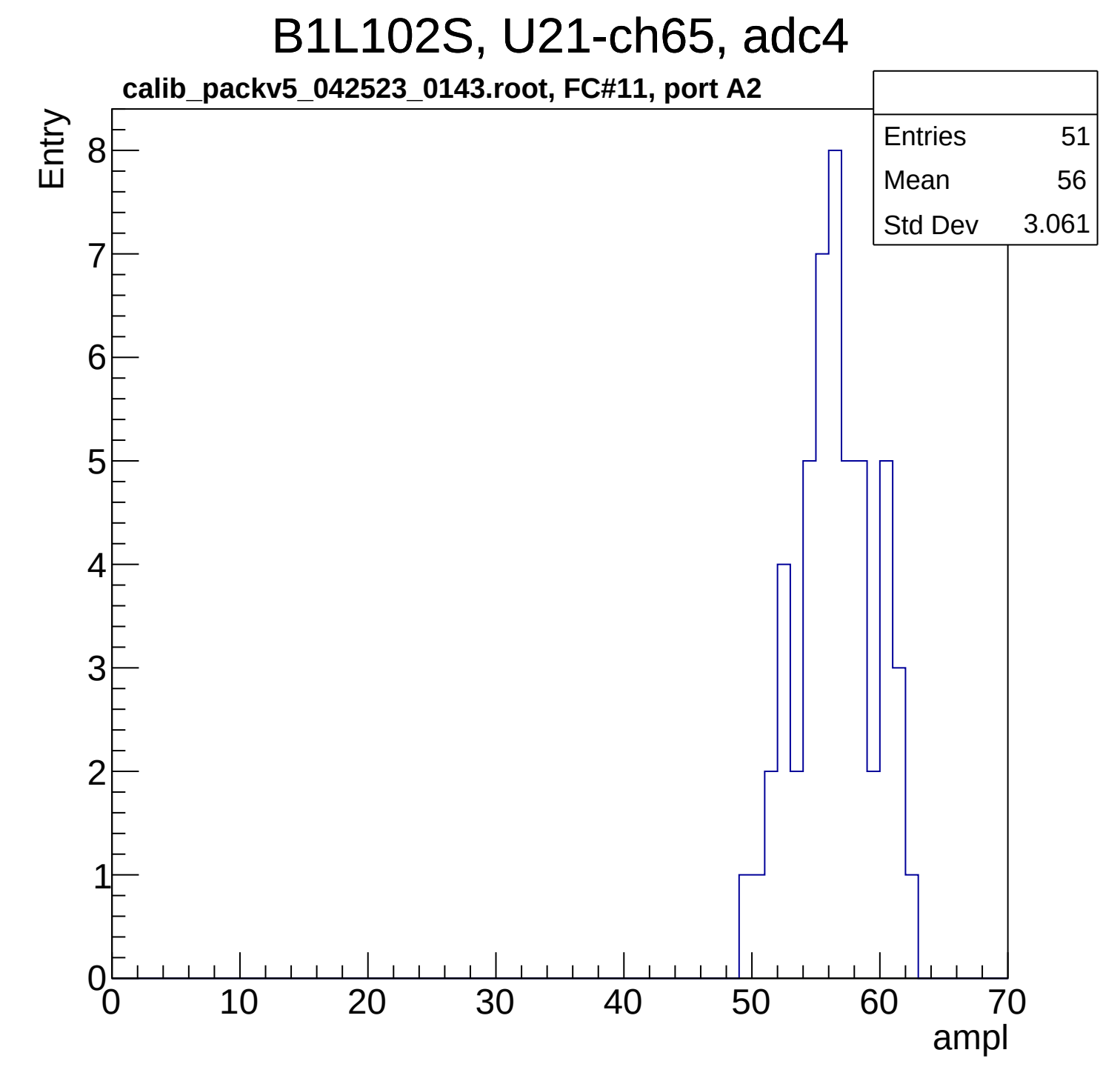

B1L102S, U21-ch65, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 48.94
Std Dev 3.462
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch65, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 56
Std Dev 3.061
Entry
ampl
0
1
2
3
4
5
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7
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0
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60
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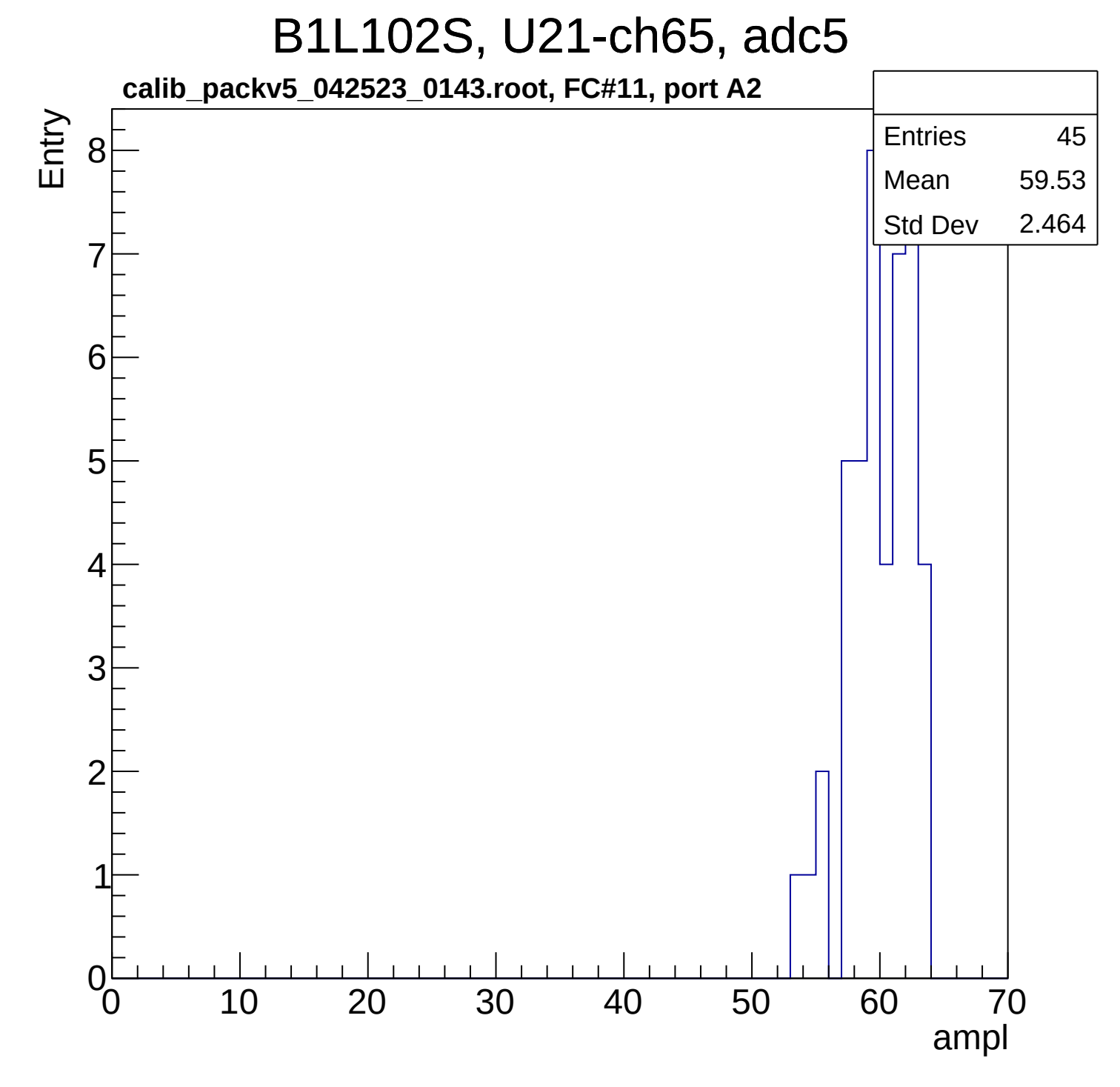
B1L102S, U21-ch65, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 45
Mean 59.53
Std Dev 2.464
Entry
ampl
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1
2
3
4
5
6
7
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60
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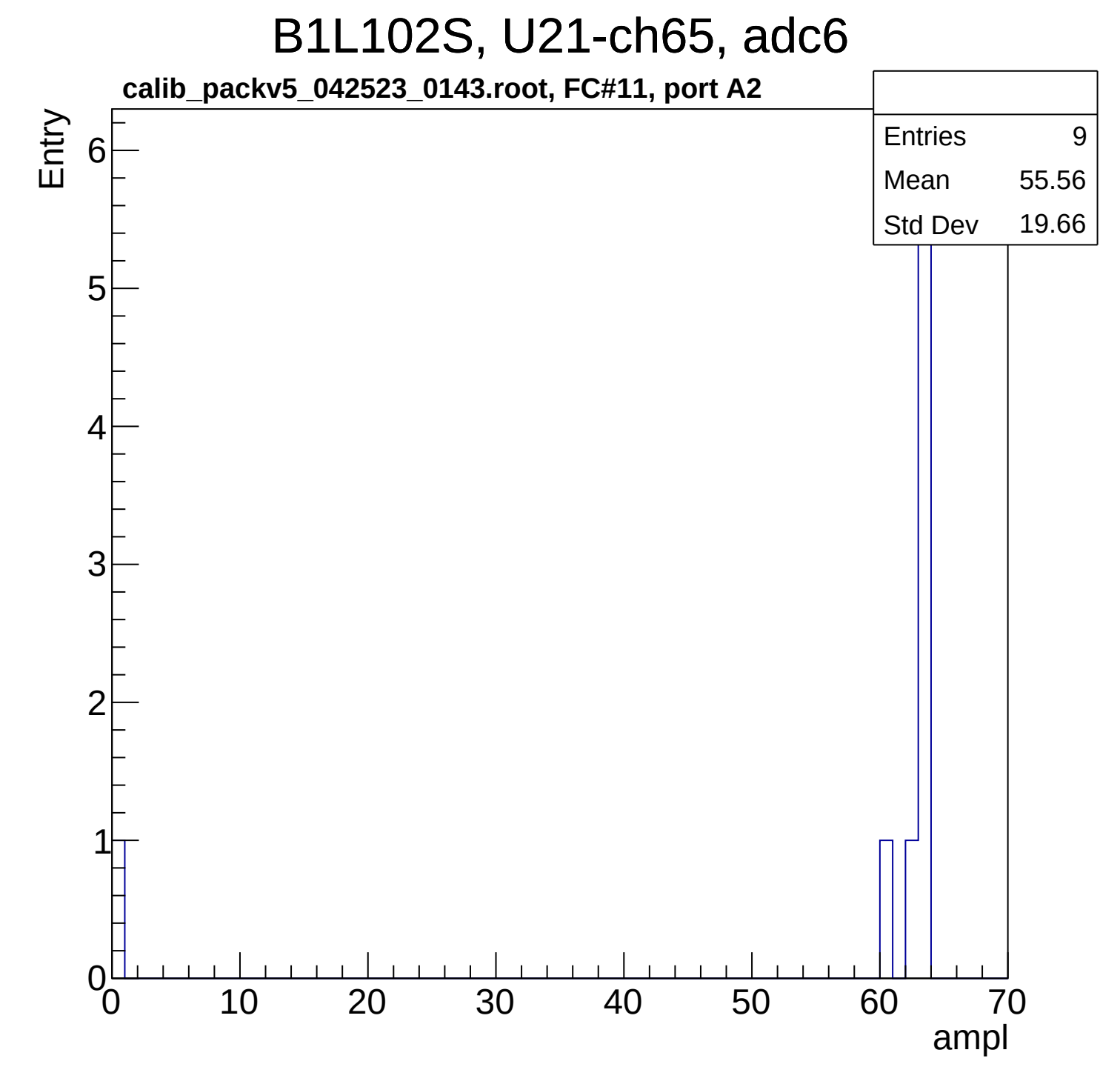
B1L102S, U21-ch65, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 9
Mean 55.56
Std Dev 19.66
Entry
ampl
0
1
2
3
4
5
6
0
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20
30
40
50
60
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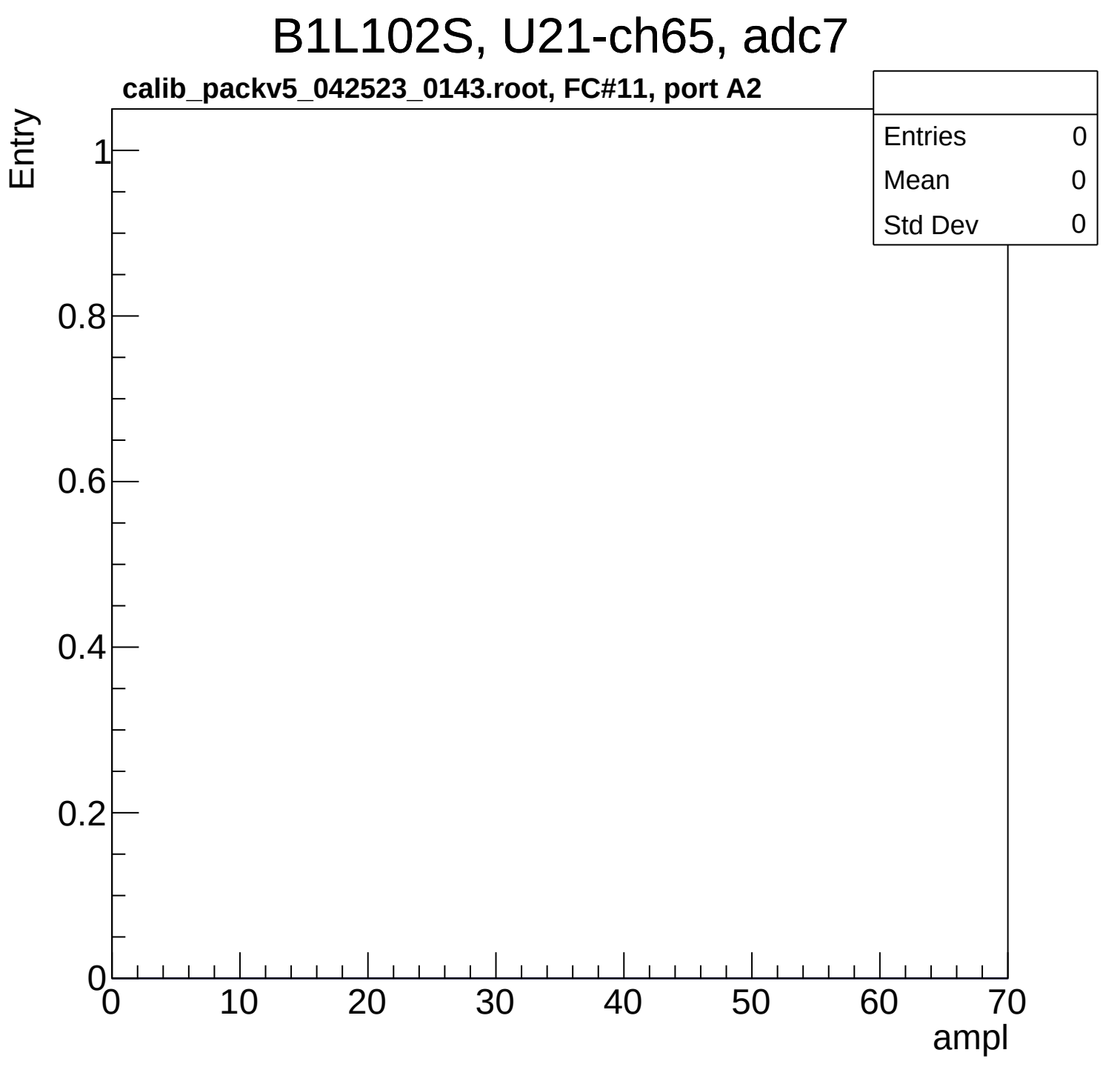
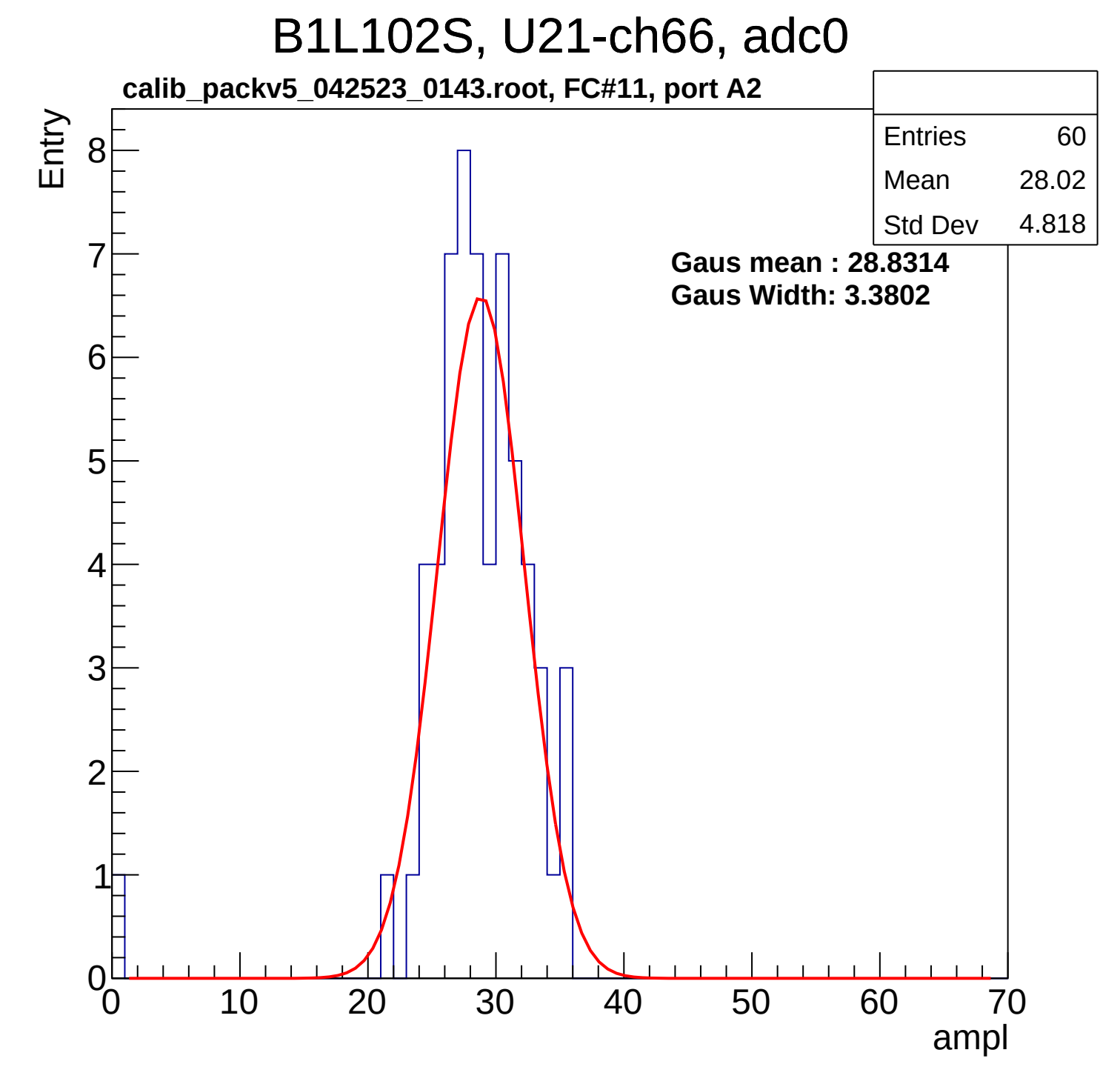
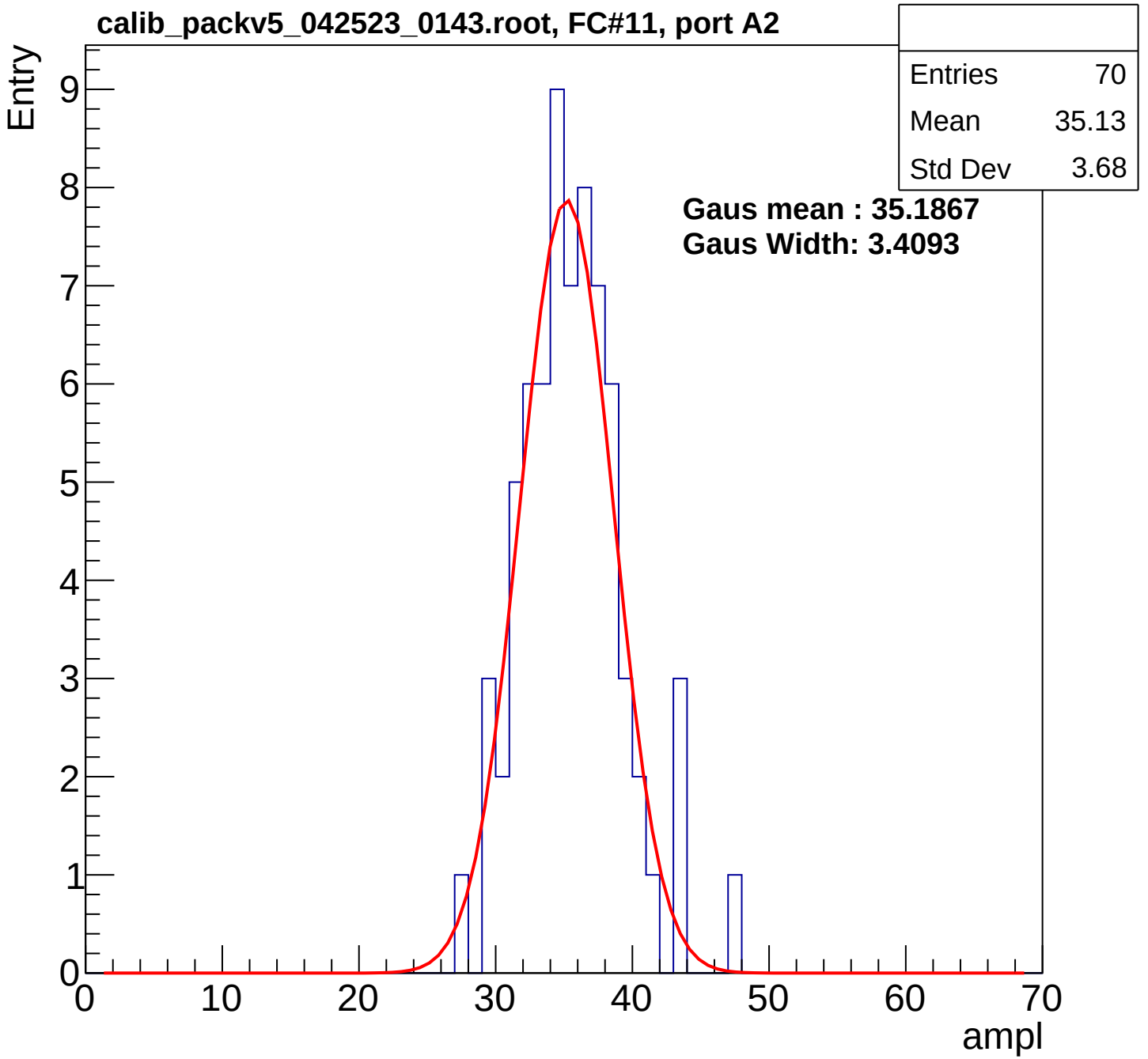

B1L102S, U21-ch65, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch66, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 28.02
Std Dev 4.818
Gaus mean : 28.8314
Gaus Width: 3.3802
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch66, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 35.13
Std Dev 3.68
Gaus mean : 35.1867
Gaus Width: 3.4093
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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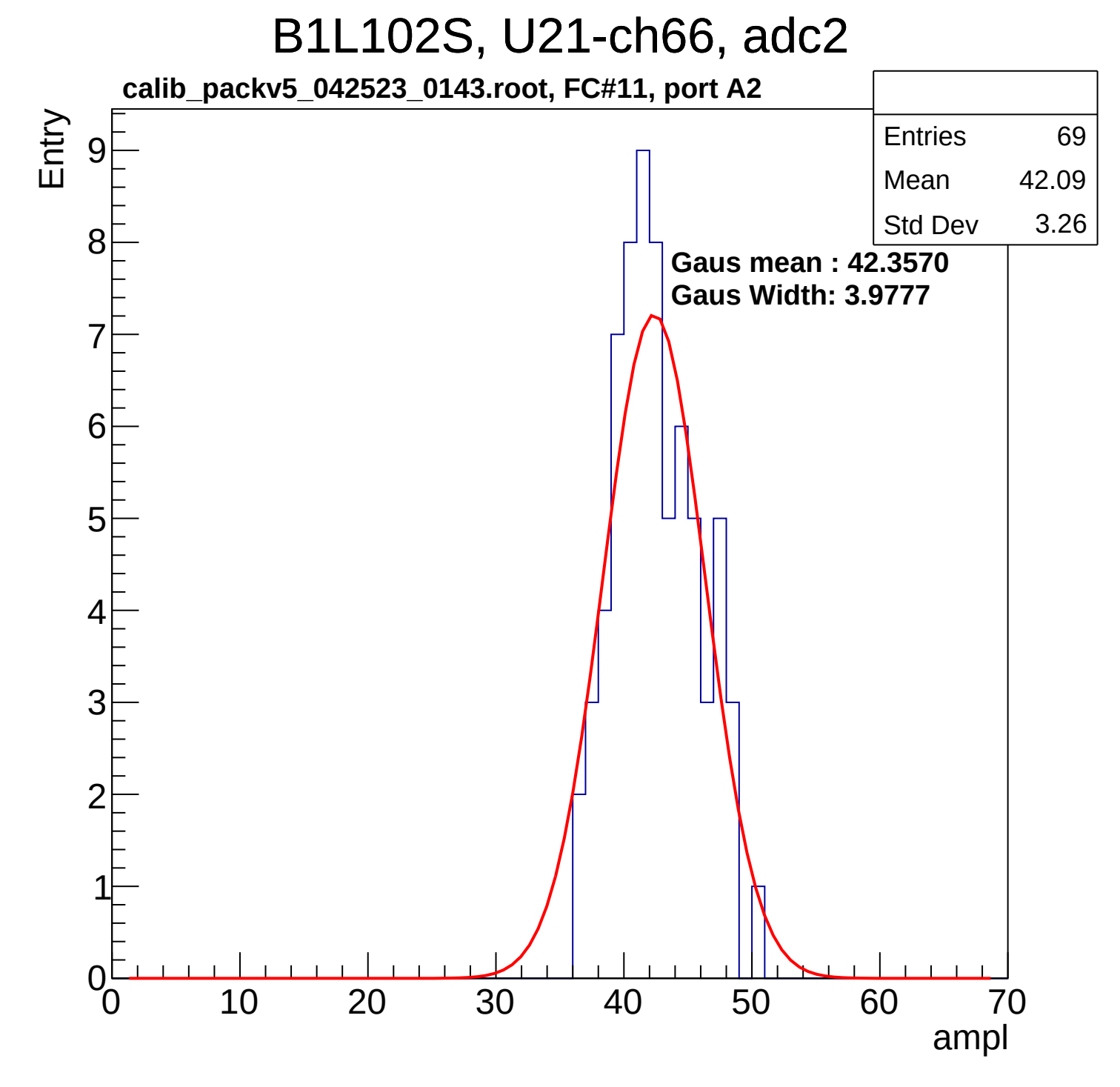
B1L102S, U21-ch66, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 42.09
Std Dev 3.26
Gaus mean : 42.3570
Gaus Width: 3.9777
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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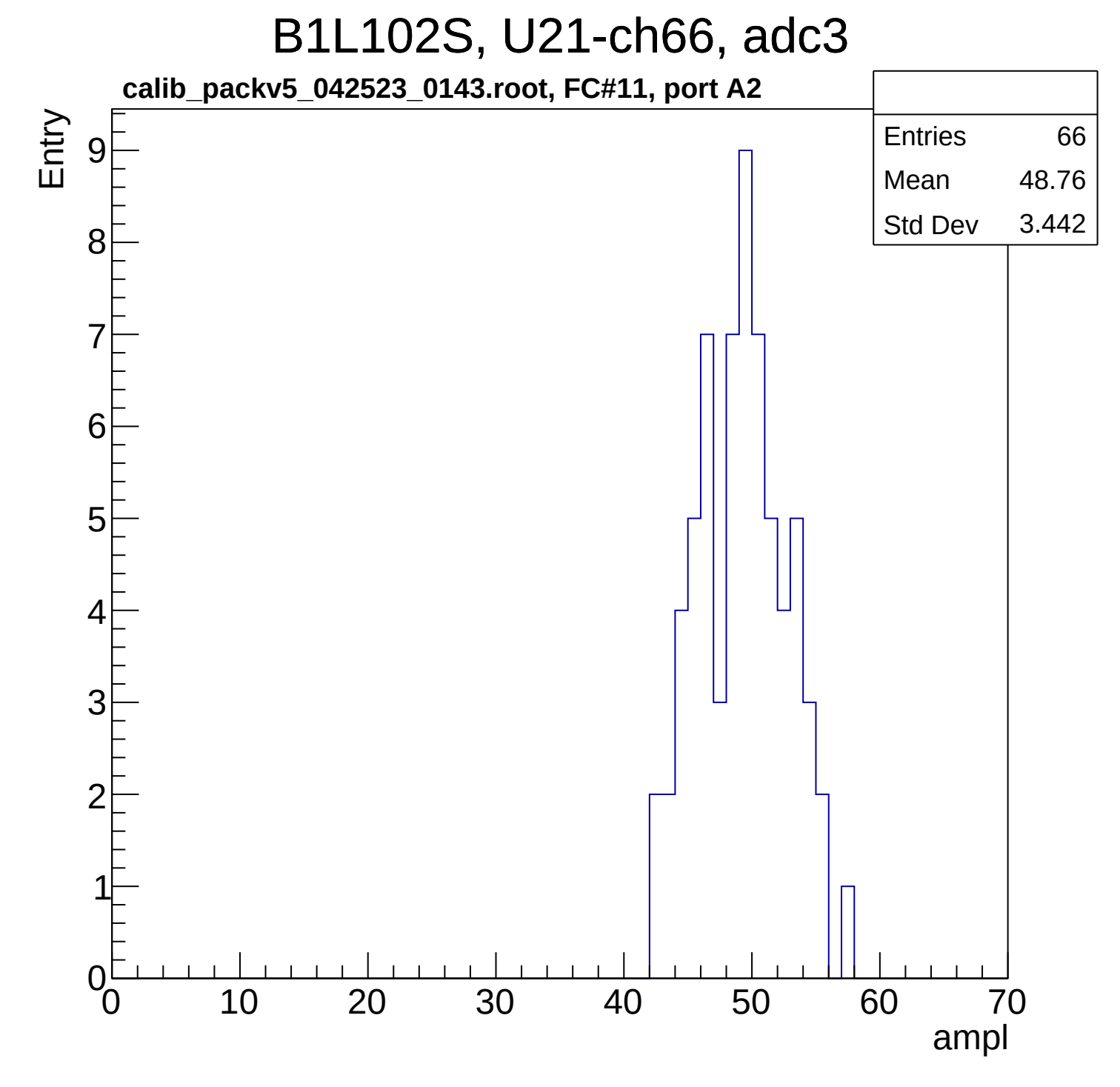
B1L102S, U21-ch66, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 48.76
Std Dev 3.442
Entry
ampl
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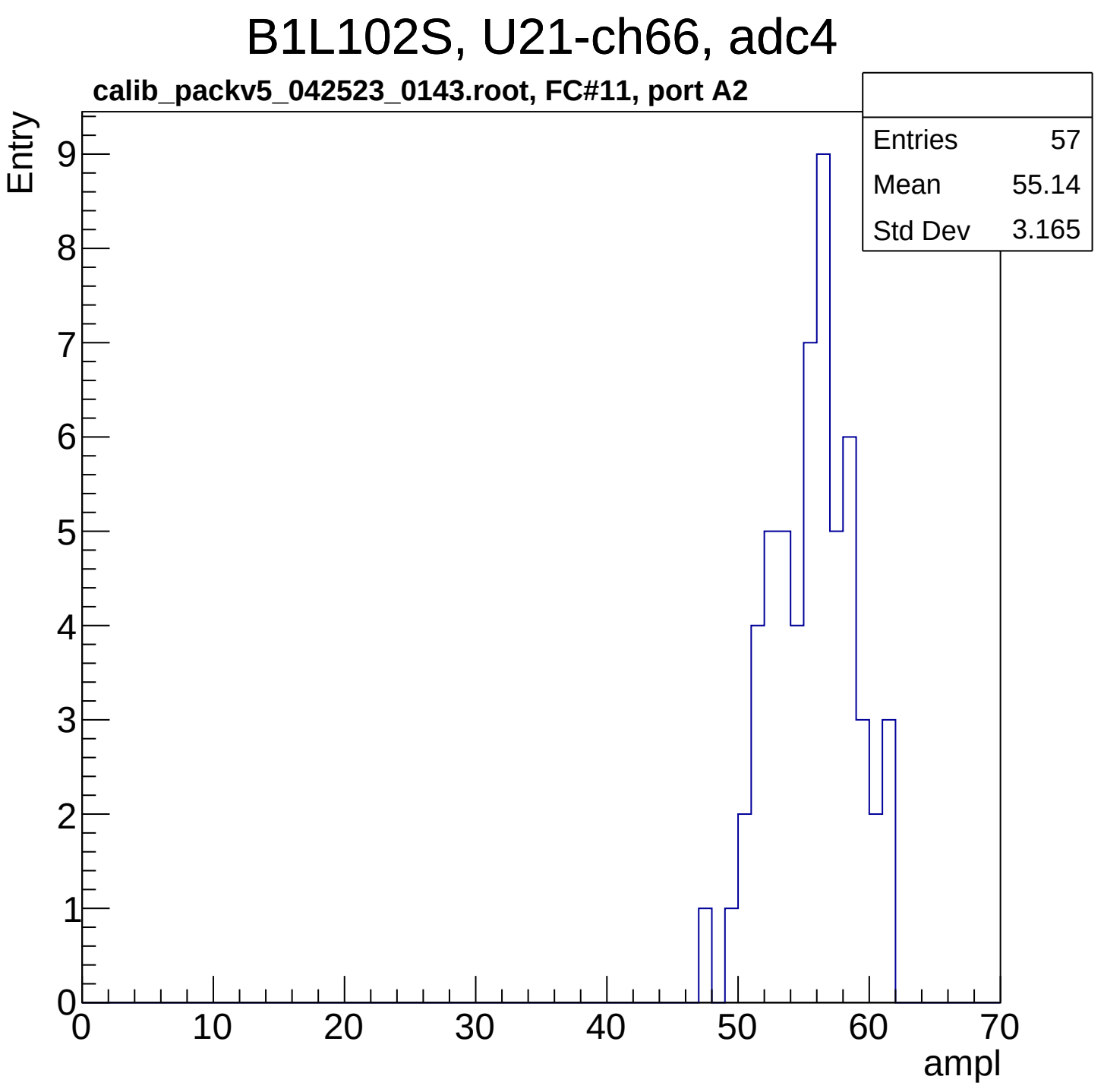
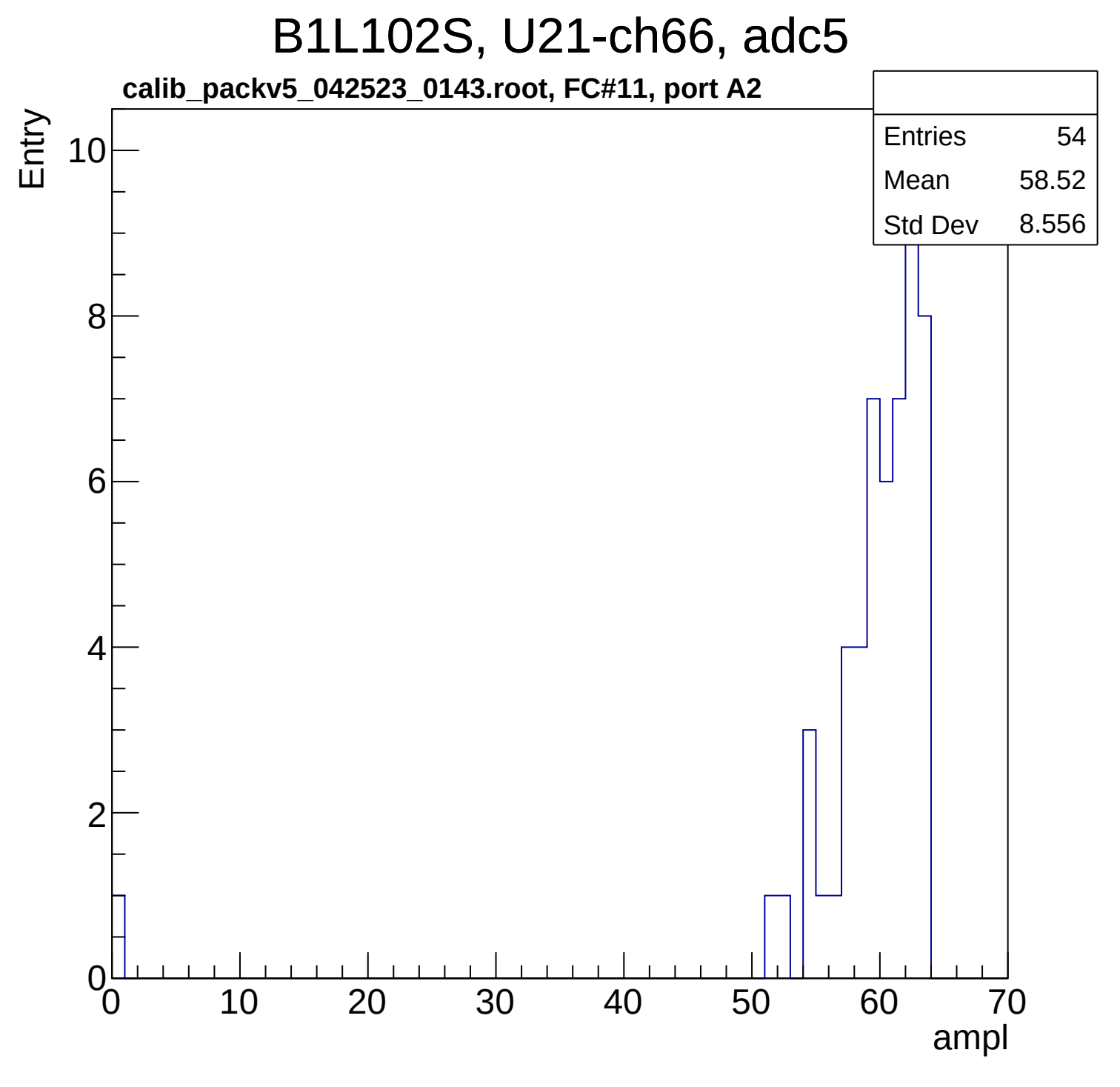
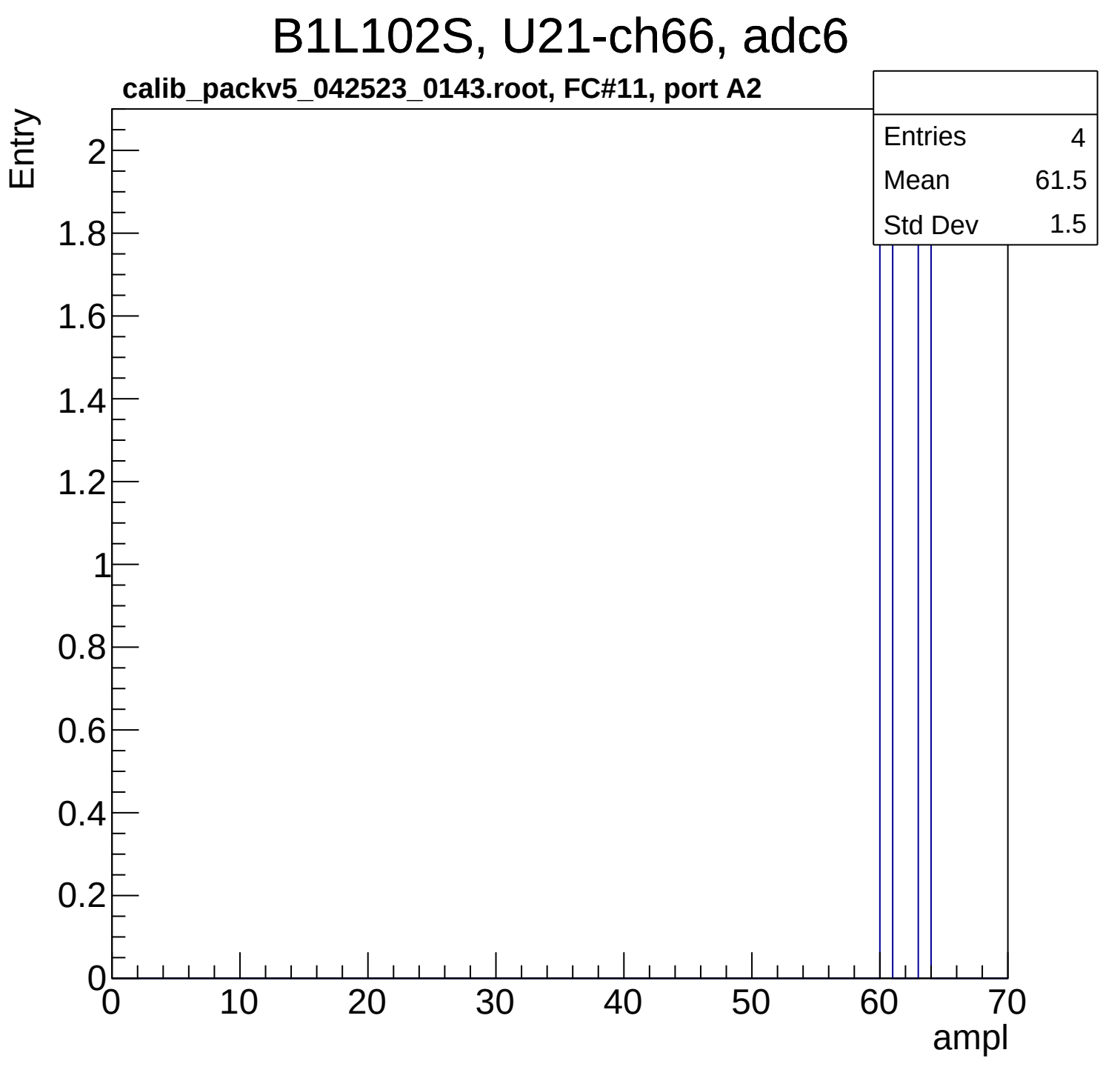
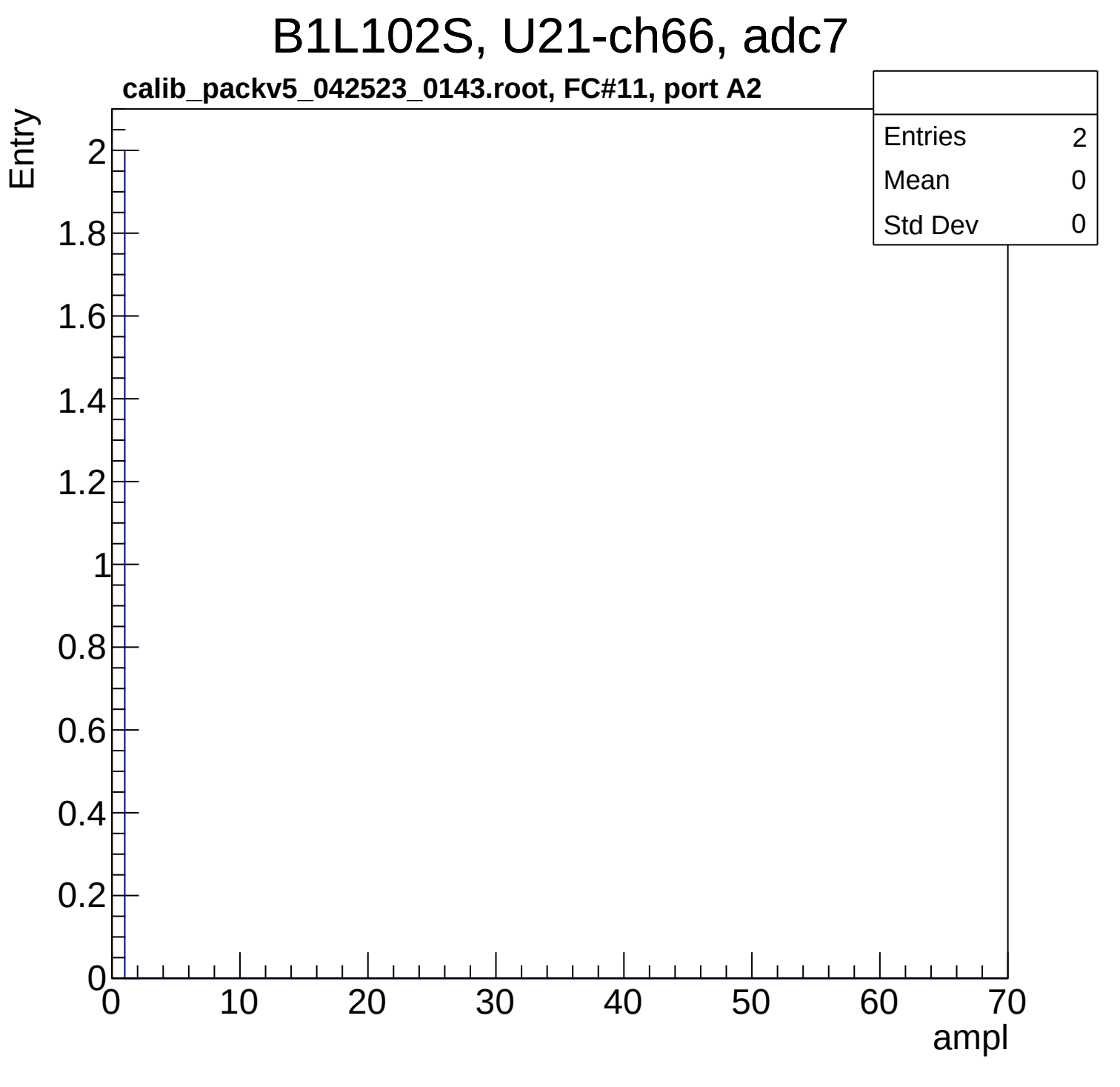
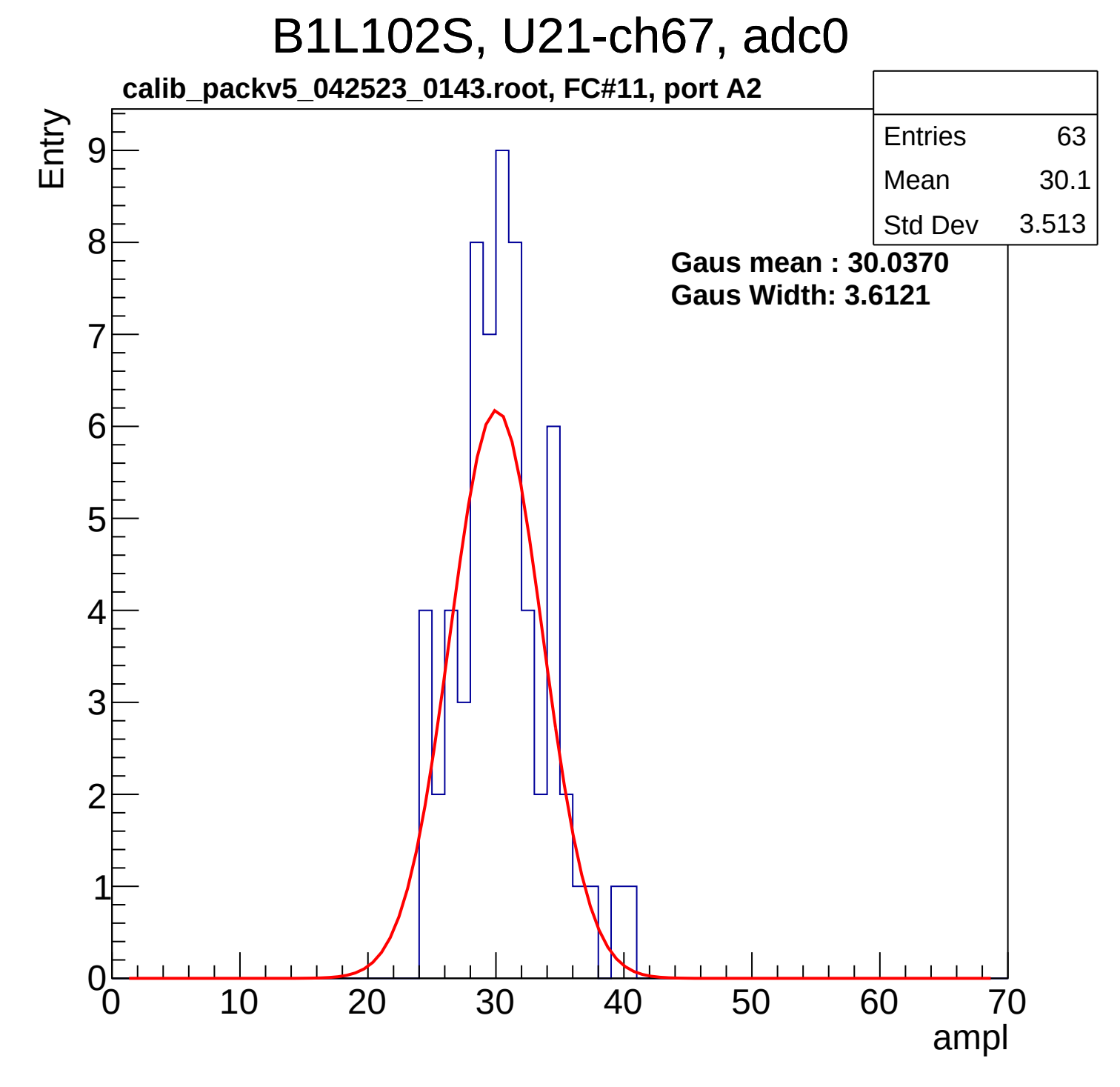
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch66, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 55.14
Std Dev 3.165
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch66, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 58.52
Std Dev 8.556
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch66, adc6
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch66, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch67, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 30.1
Std Dev 3.513
Gaus mean : 30.0370
Gaus Width: 3.6121
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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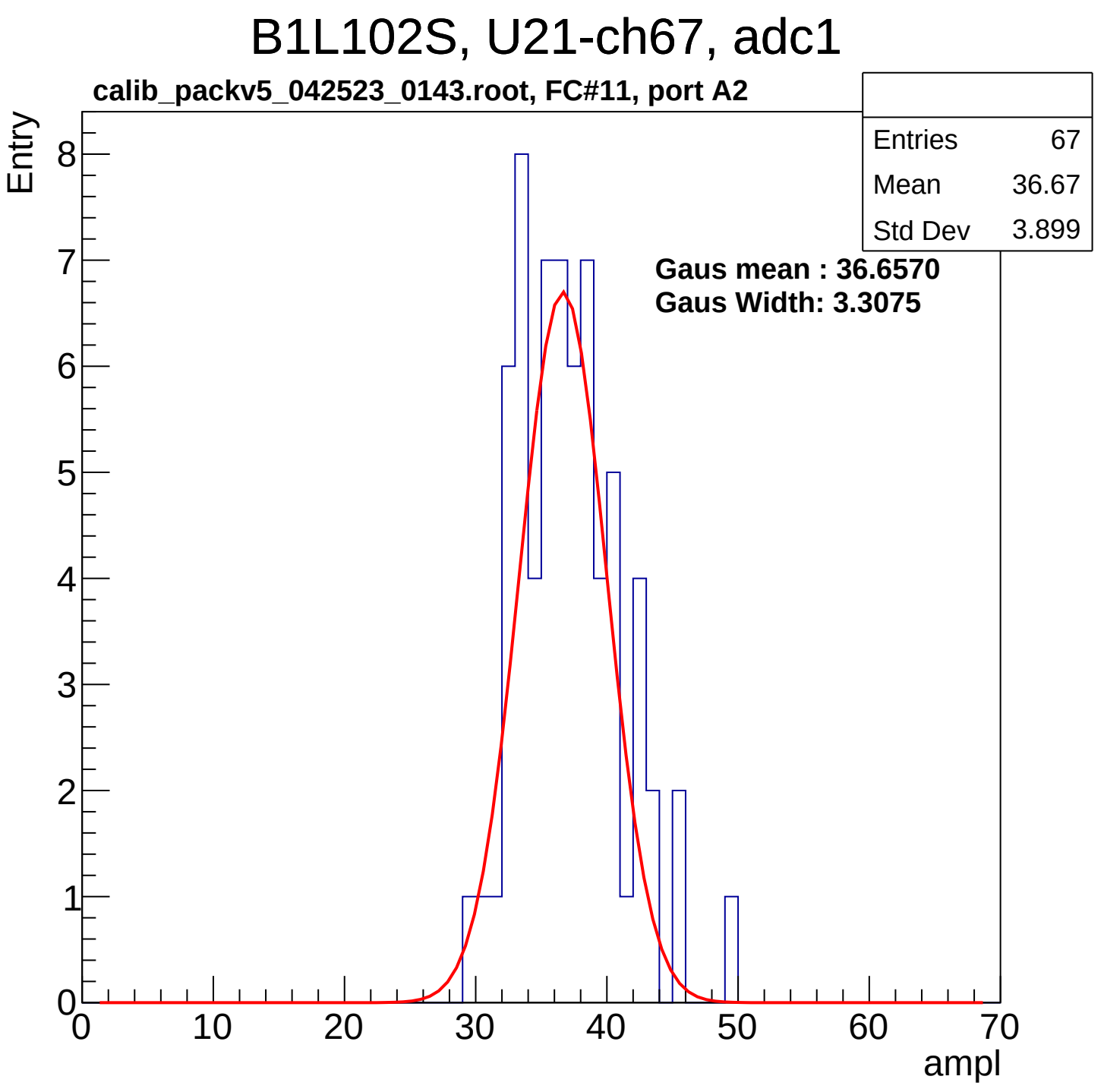
B1L102S, U21-ch67, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 36.67
Std Dev 3.899
Gaus mean : 36.6570
Gaus Width: 3.3075
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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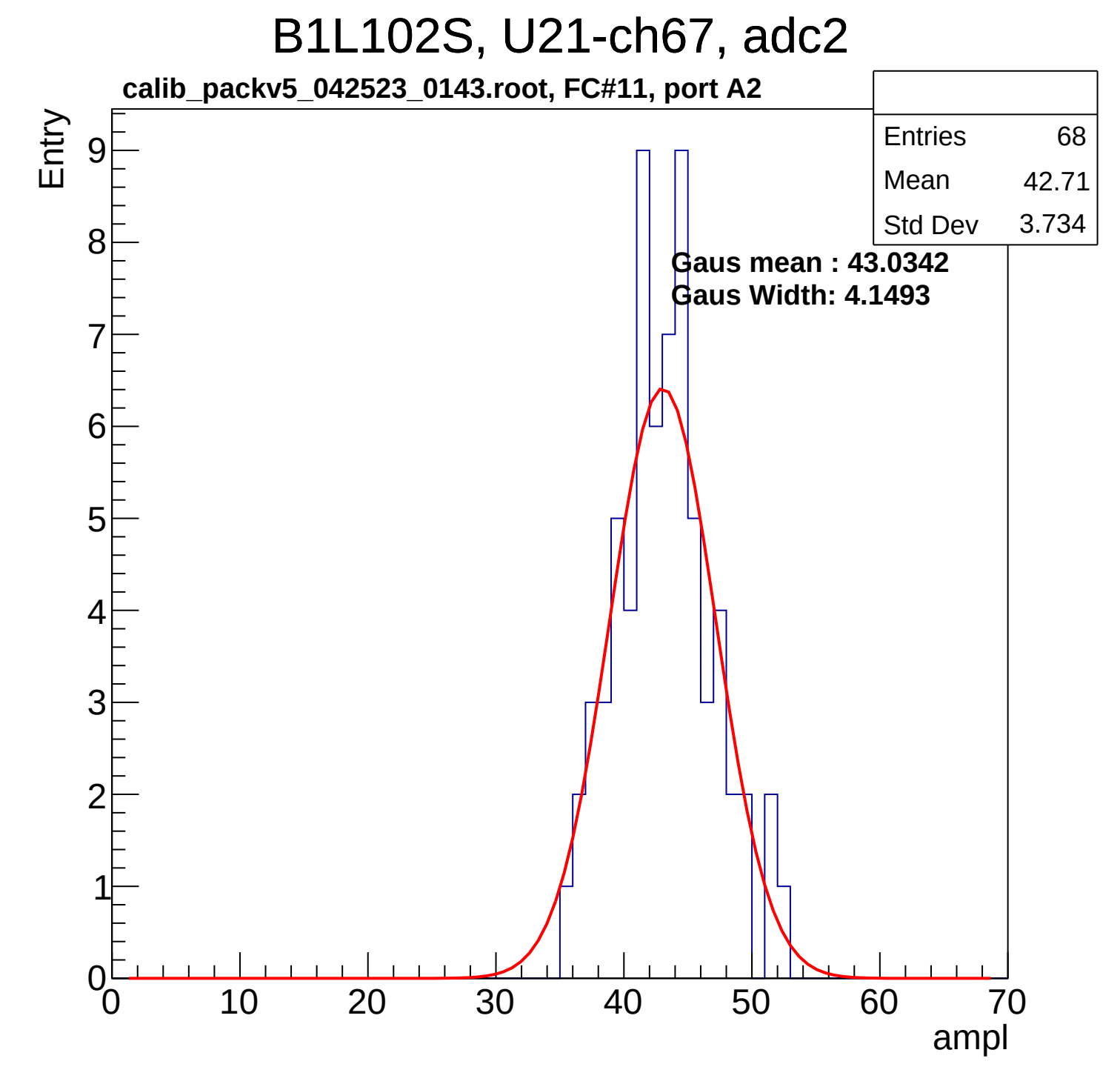
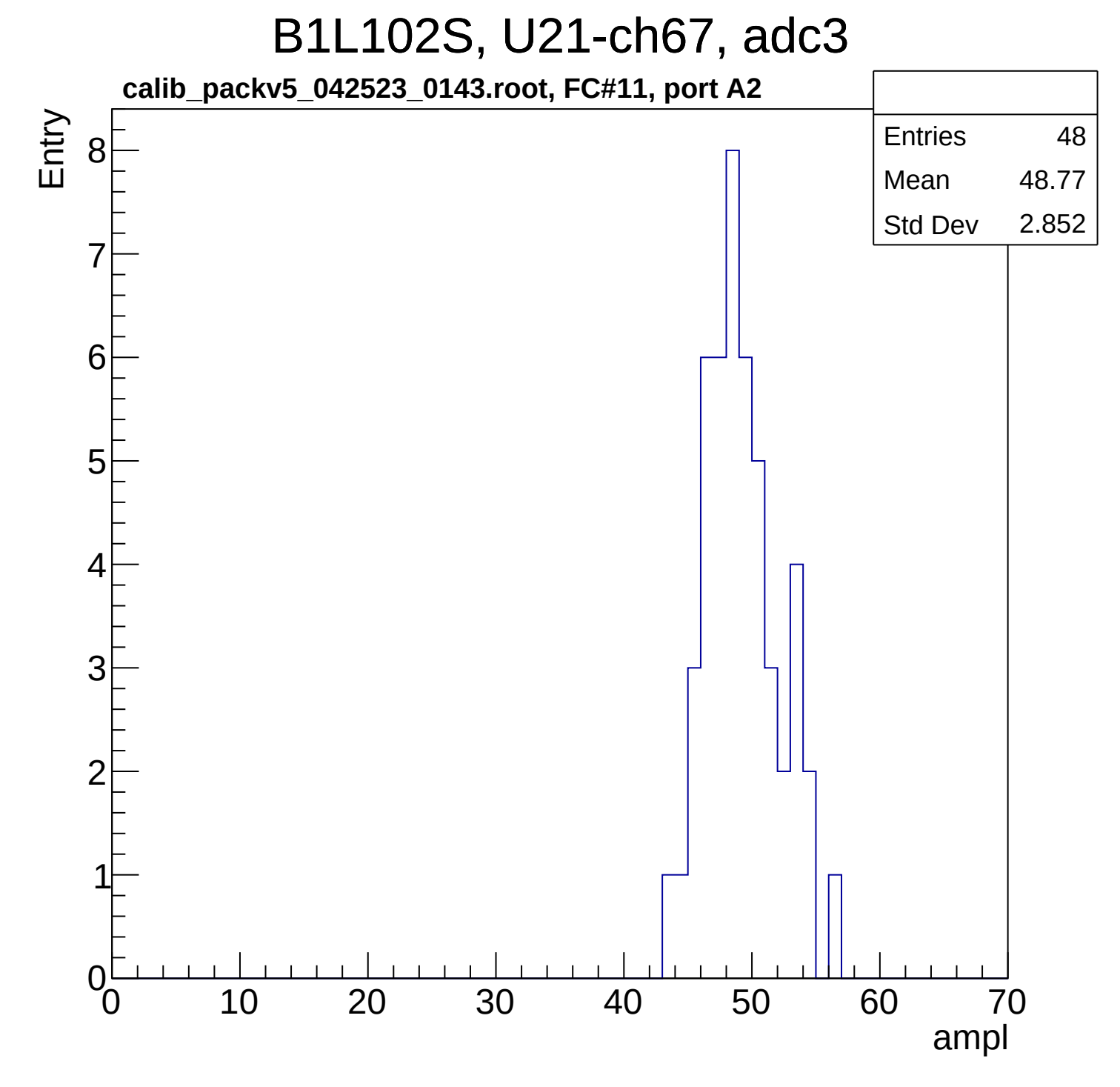

B1L102S, U21-ch67, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 42.71
Std Dev 3.734
Gaus mean : 43.0342
Gaus Width: 4.1493
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch67, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 48
Mean 48.77
Std Dev 2.852
Entry
ampl
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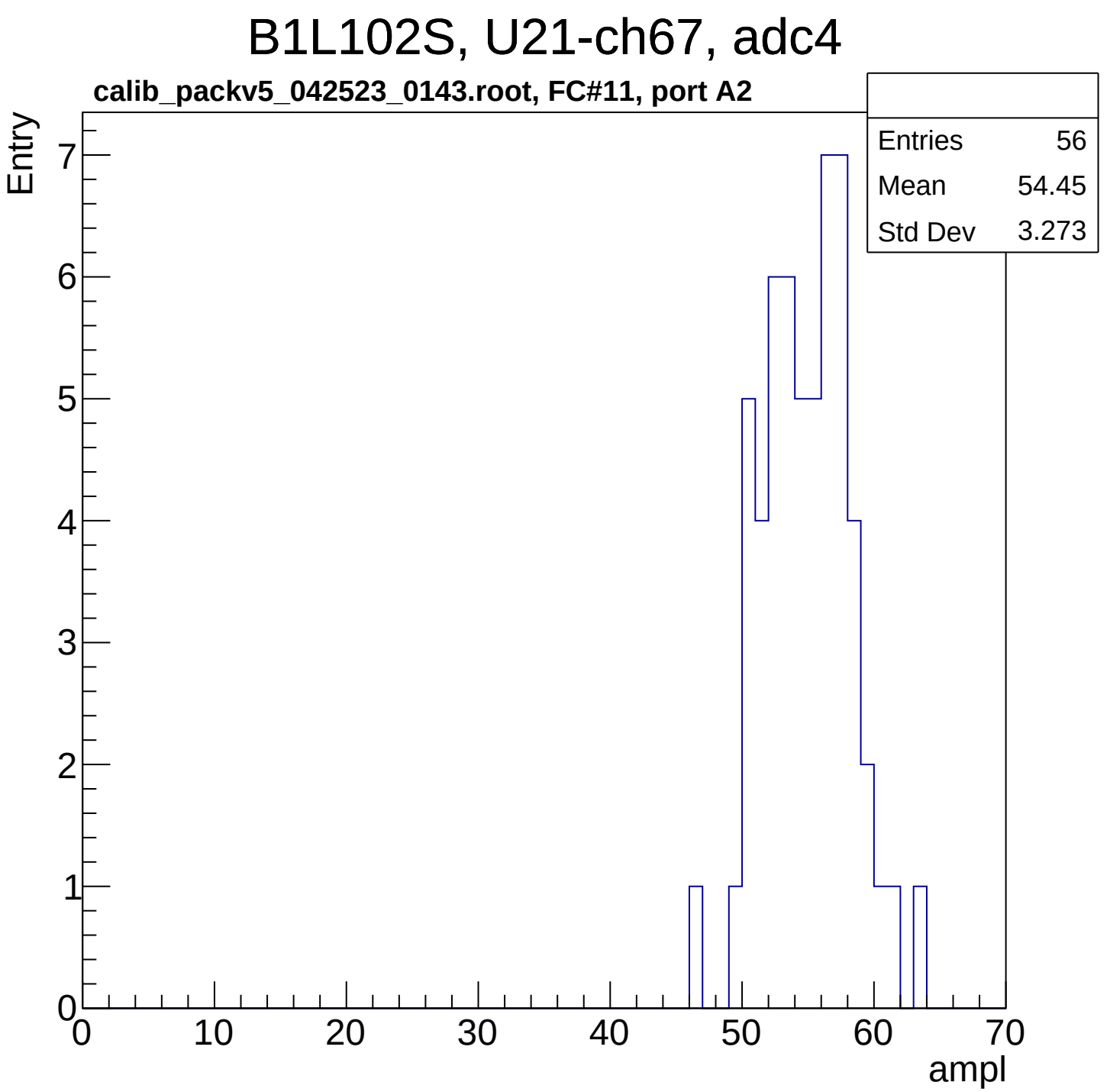
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch67, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 54.45
Std Dev 3.273
Entry
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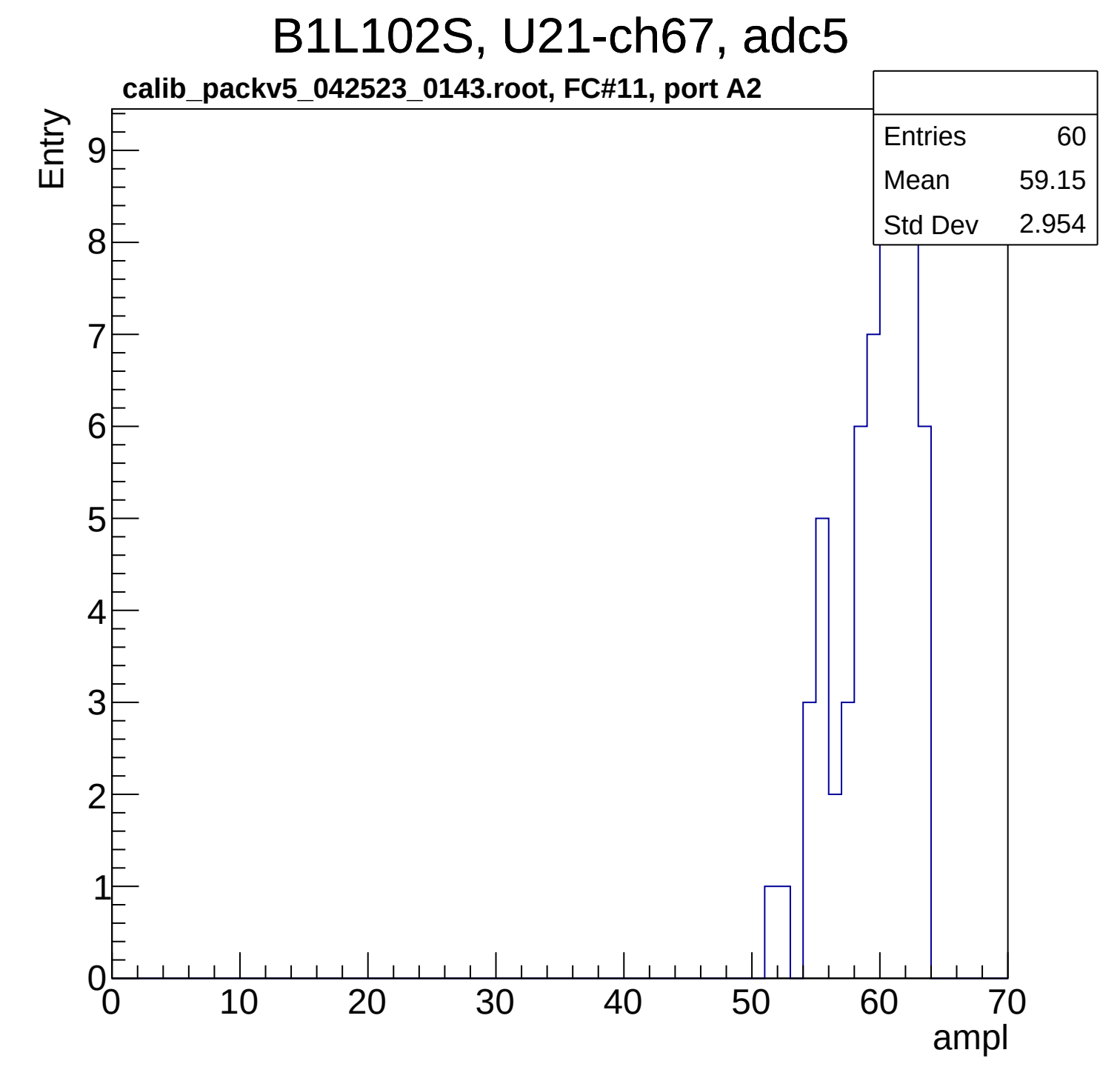
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch67, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 59.15
Std Dev 2.954
Entry
ampl
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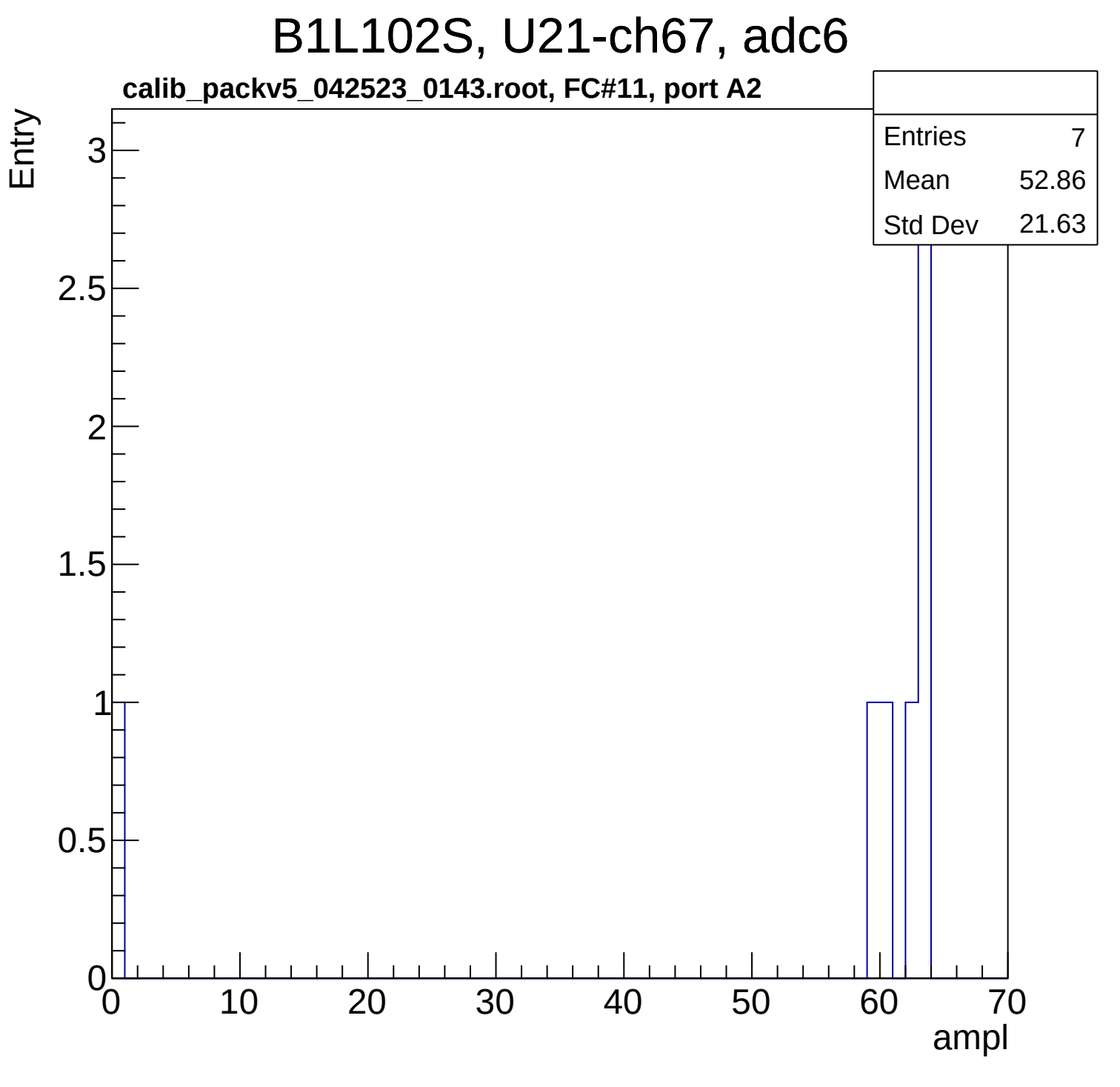
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch67, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 7
Mean 52.86
Std Dev 21.63
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
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40
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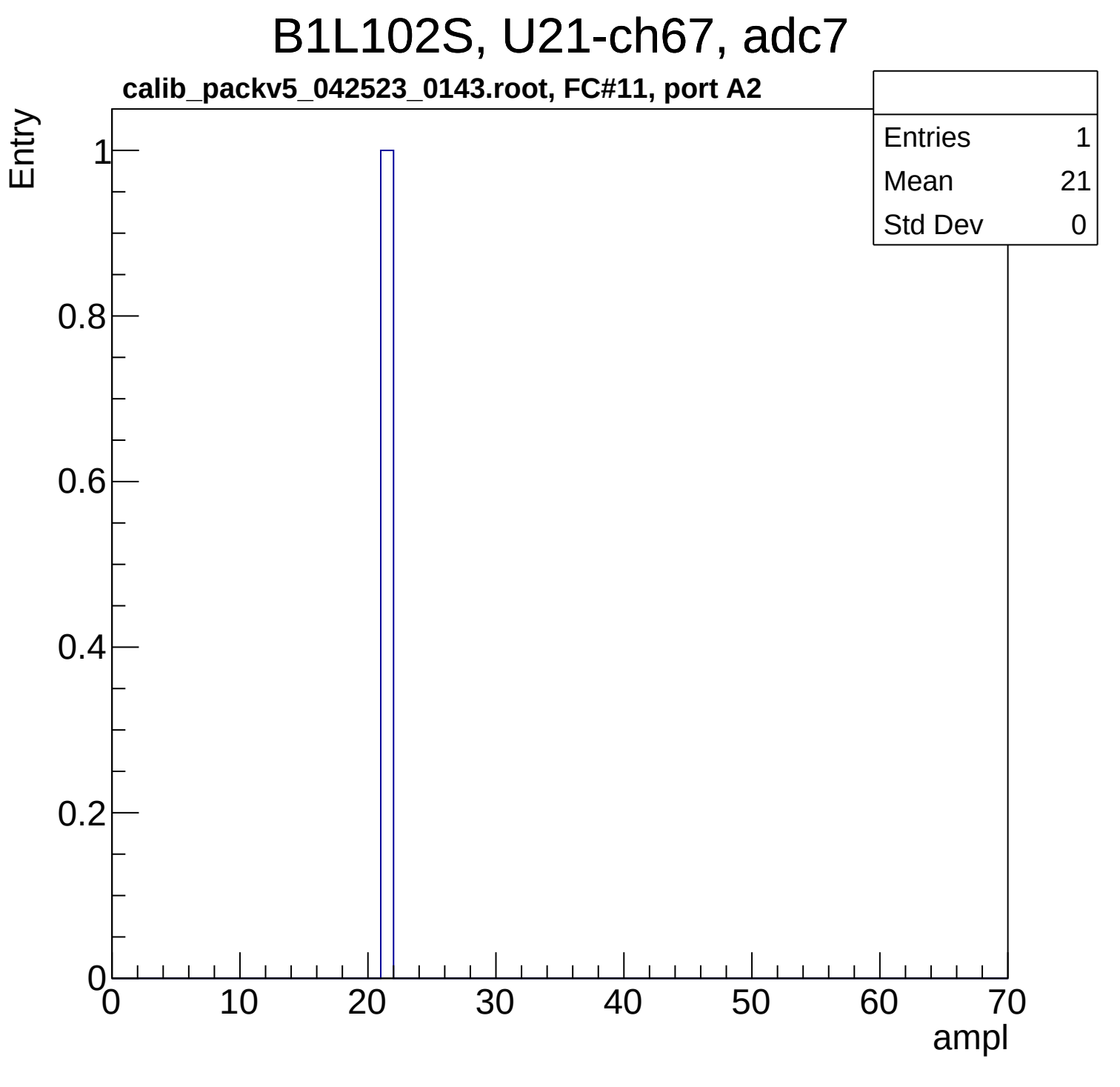
B1L102S, U21-ch67, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 21
Std Dev 0
Entry
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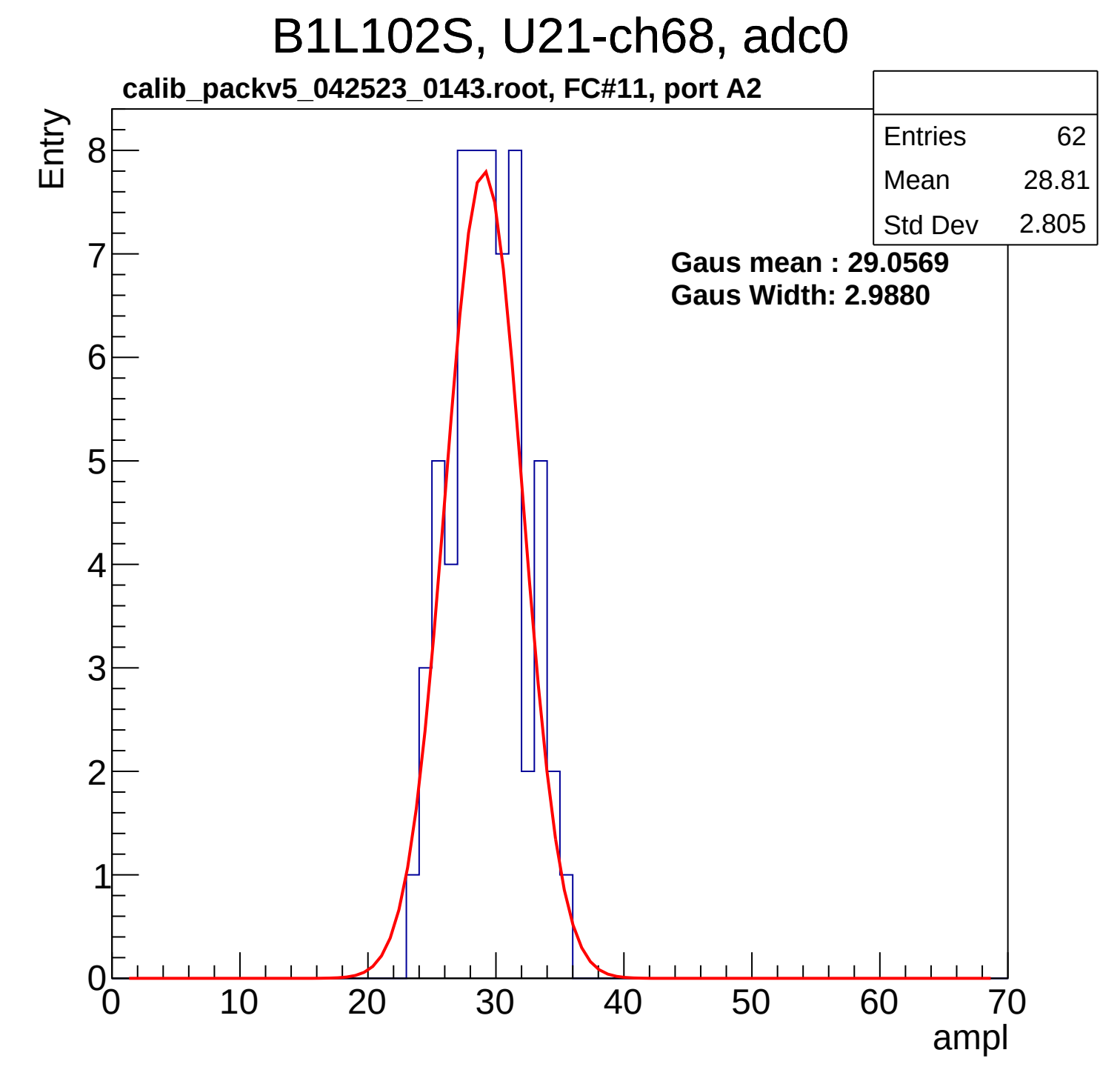
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch68, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 28.81
Std Dev 2.805
Gaus mean : 29.0569
Gaus Width: 2.9880
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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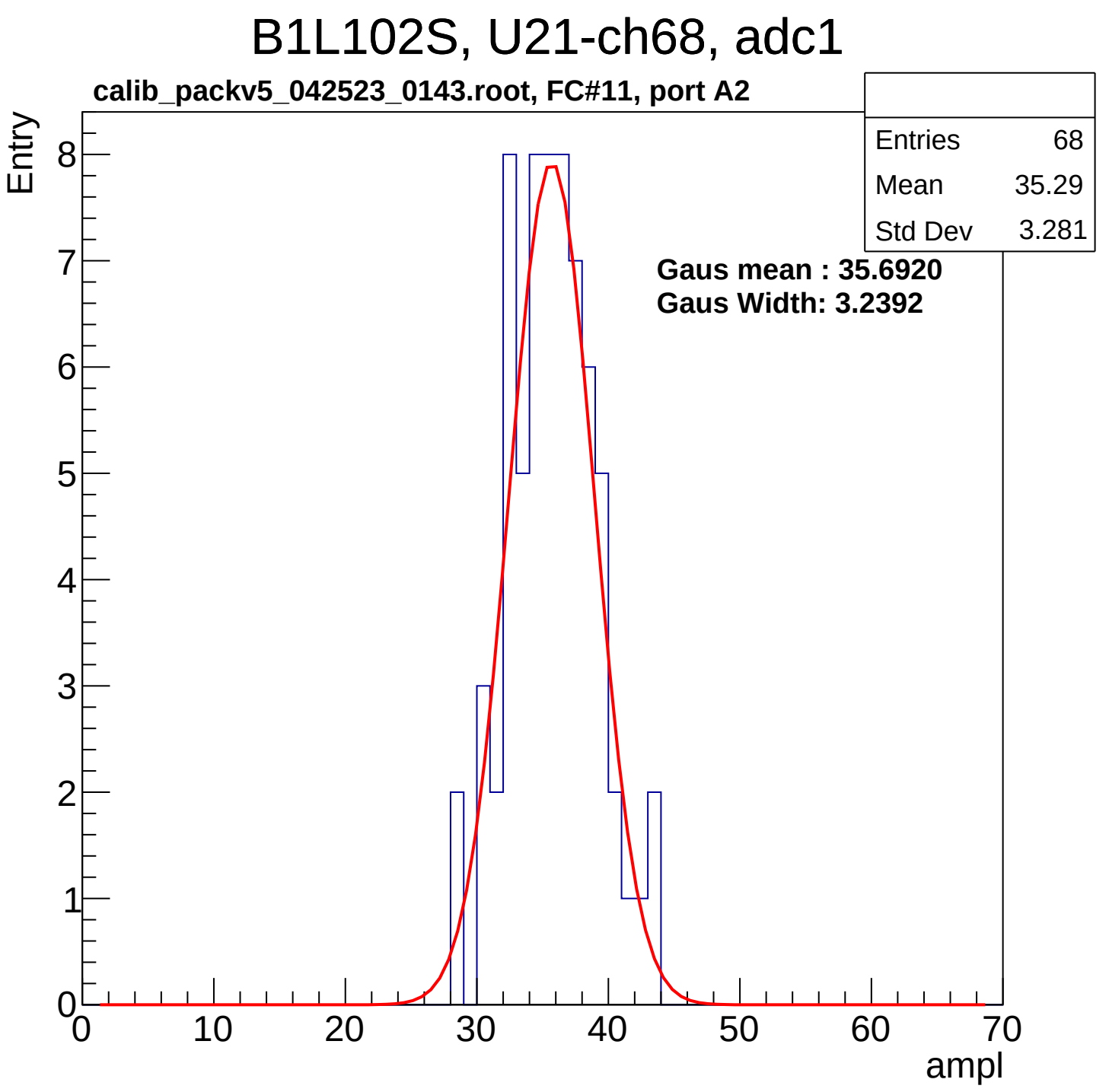
40
50
60
70


B1L102S, U21-ch68, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 35.29
Std Dev 3.281
Gaus mean : 35.6920
Gaus Width: 3.2392
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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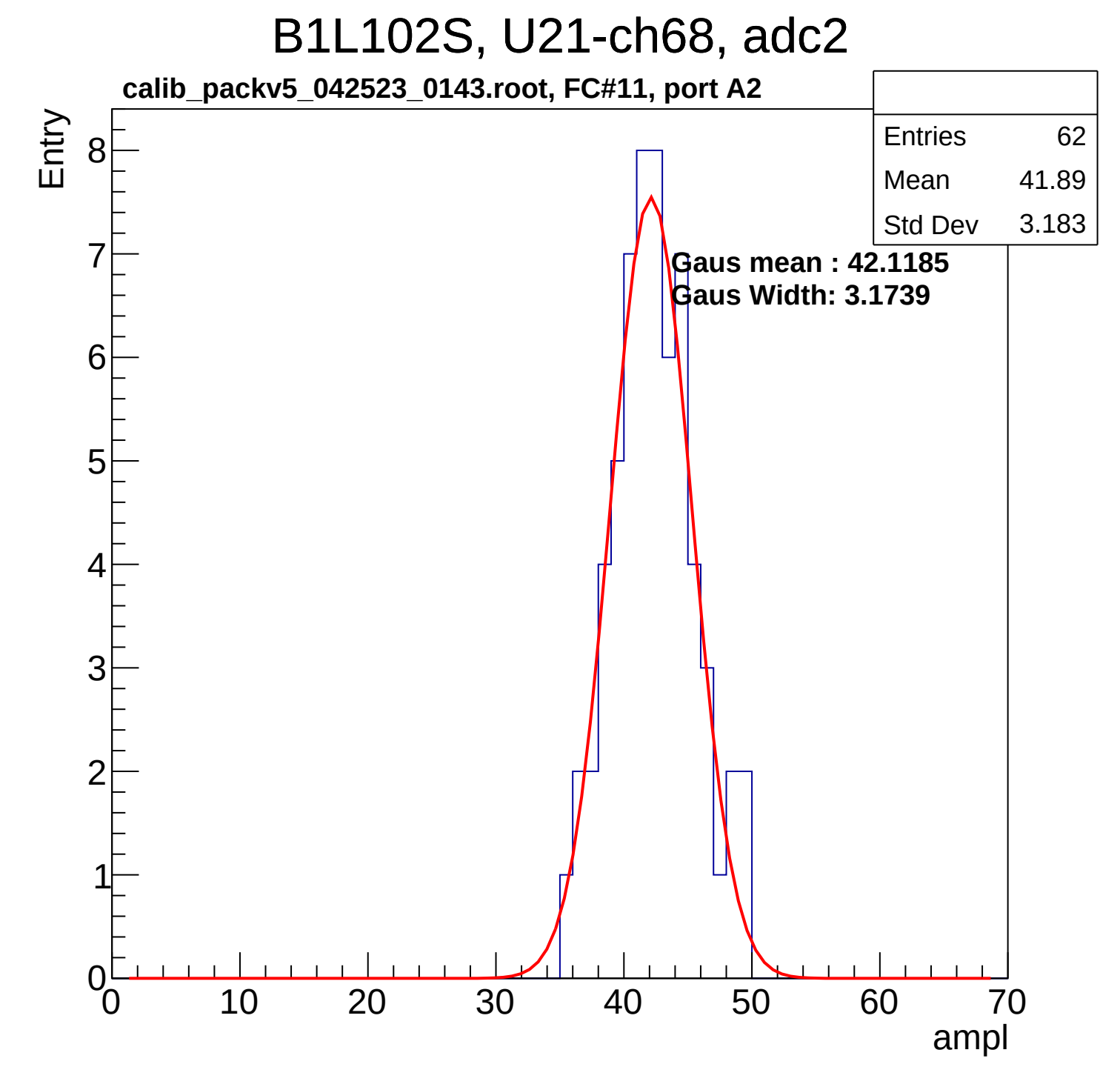
40
50
60
70


B1L102S, U21-ch68, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 41.89
Std Dev 3.183
Gaus mean : 42.1185
Gaus Width: 3.1739
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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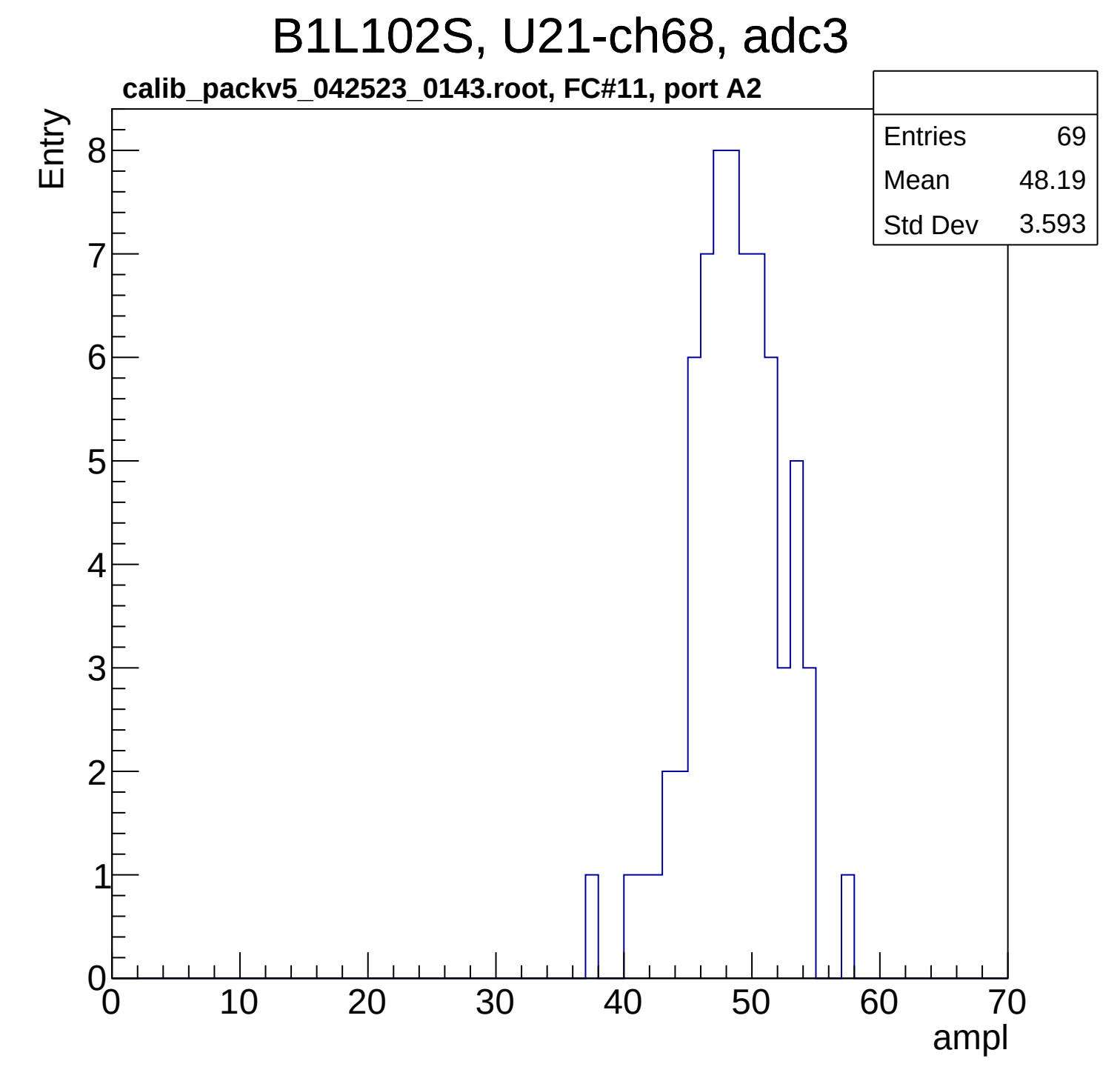
B1L102S, U21-ch68, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 48.19
Std Dev 3.593
Entry
ampl
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2
3
4
5
6
7
8
0
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40
50
60
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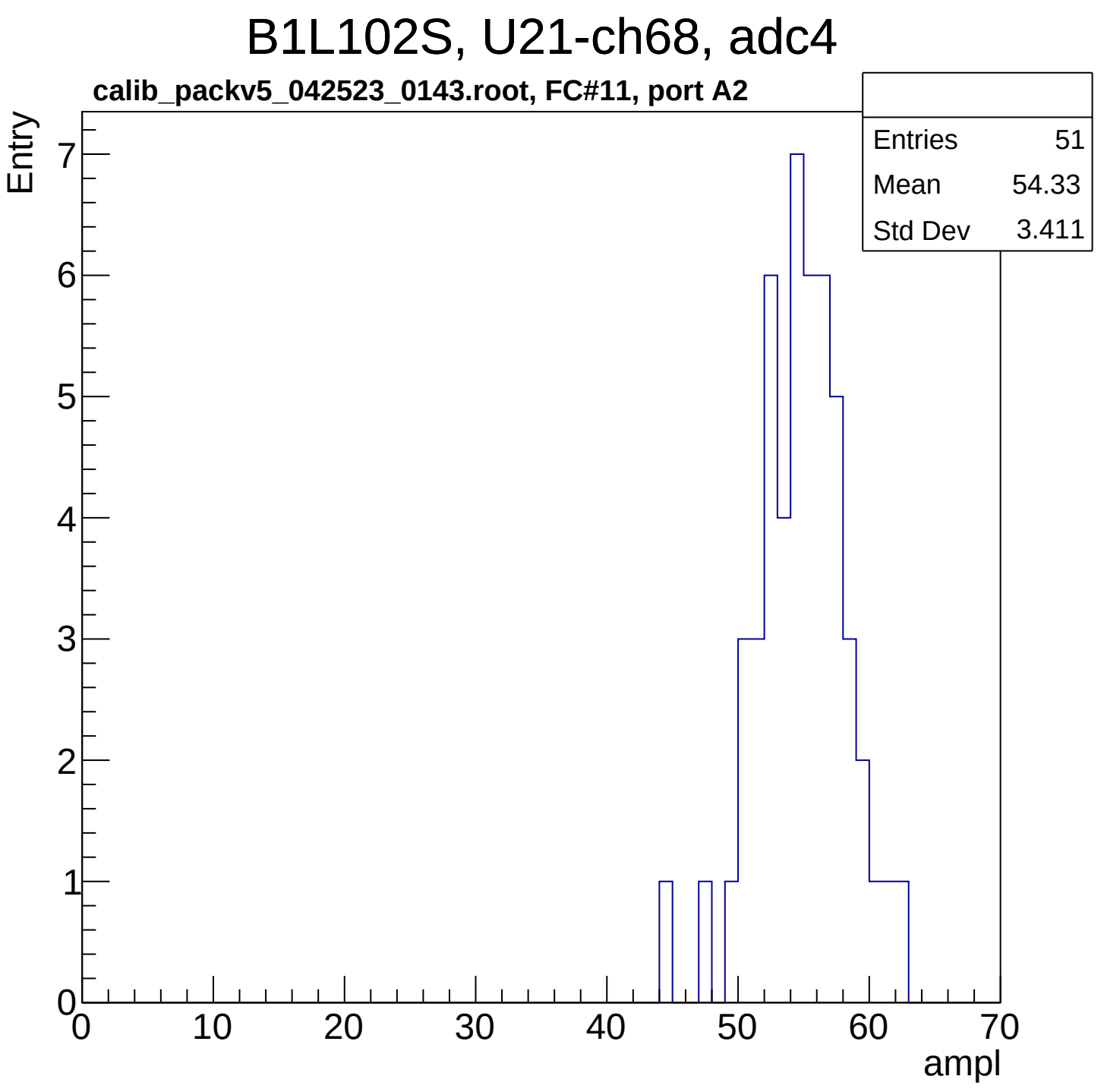
B1L102S, U21-ch68, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 54.33
Std Dev 3.411
Entry
ampl
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60
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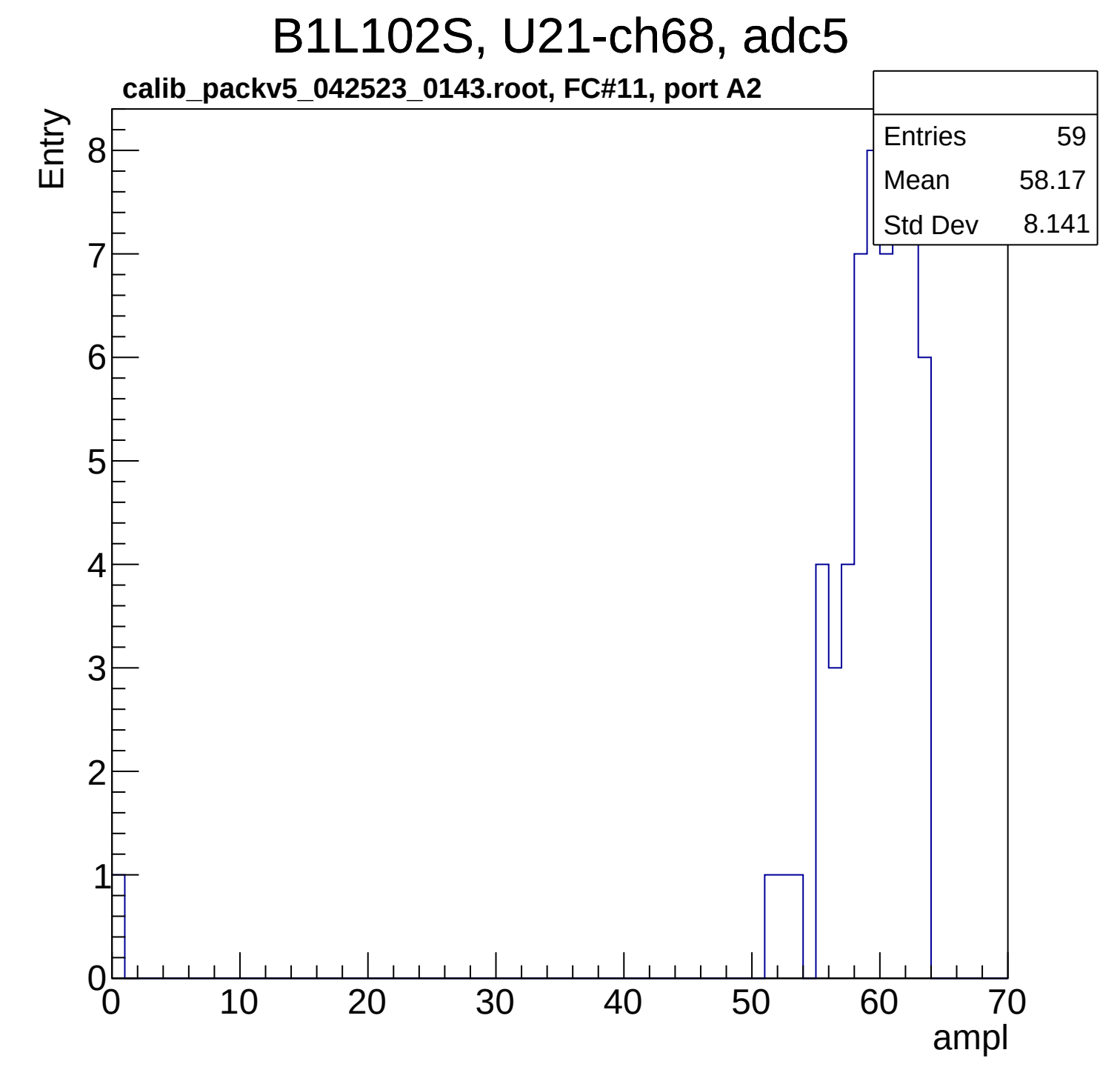
B1L102S, U21-ch68, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 58.17
Std Dev 8.141
Entry
ampl
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3
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5
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0
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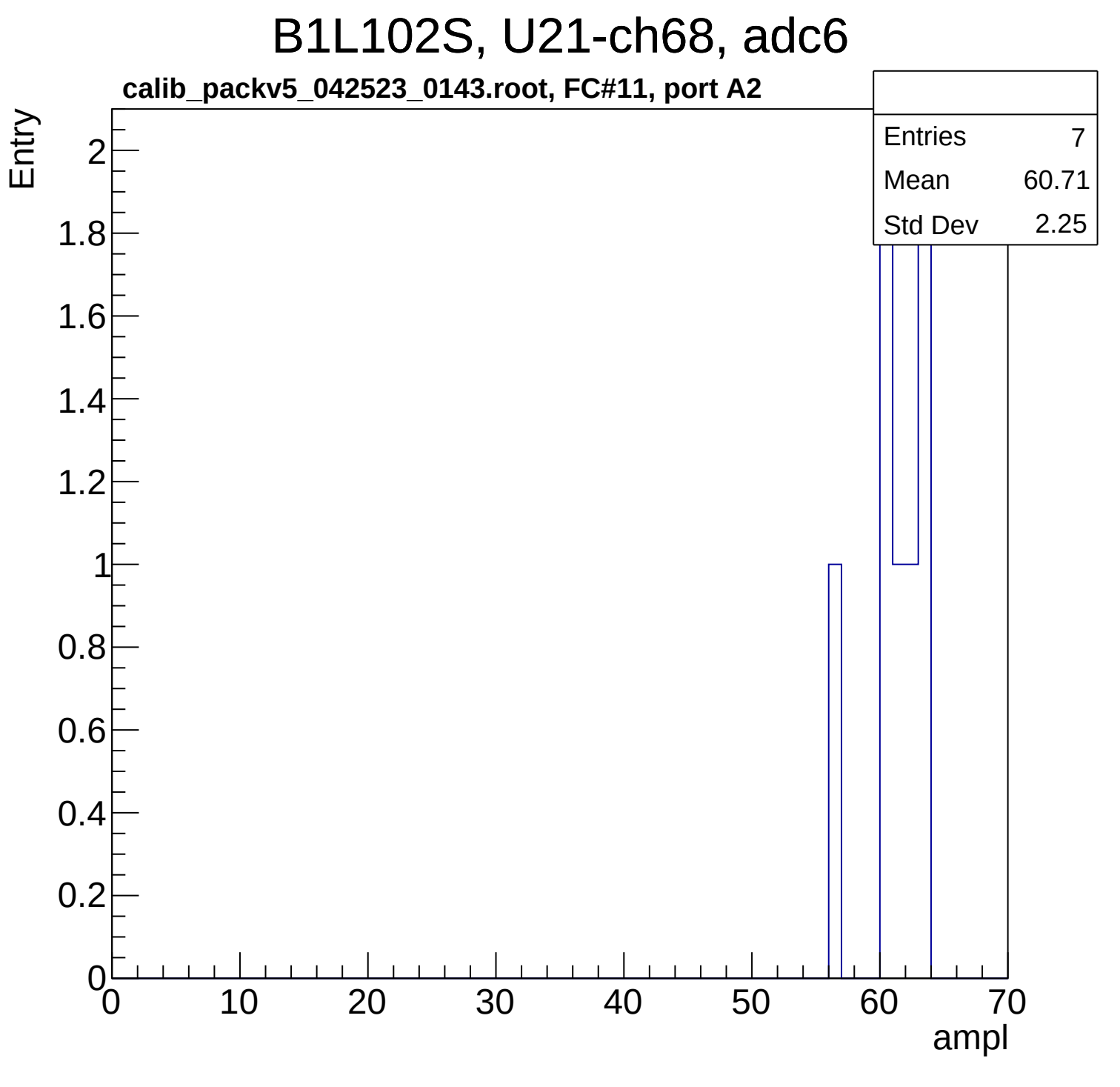
B1L102S, U21-ch68, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 7
Mean 60.71
Std Dev 2.25
Entry
ampl
0
0.2
0.4
0.6
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1.2
1.4
1.6
1.8
2
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40
50
60
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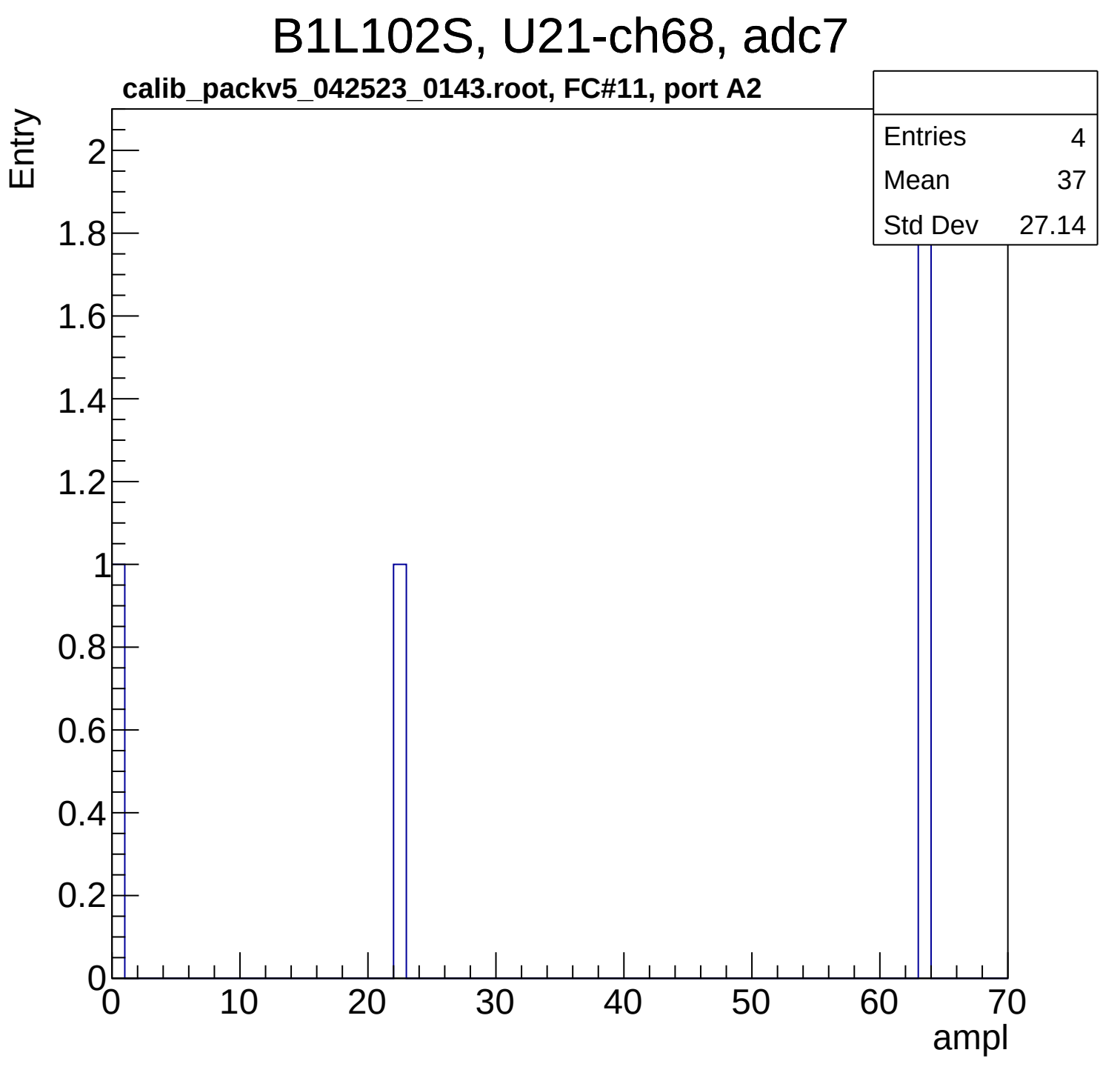
B1L102S, U21-ch68, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 37
Std Dev 27.14
Entry
ampl
0
0.2
0.4
0.6
0.8
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1.2
1.4
1.6
1.8
2
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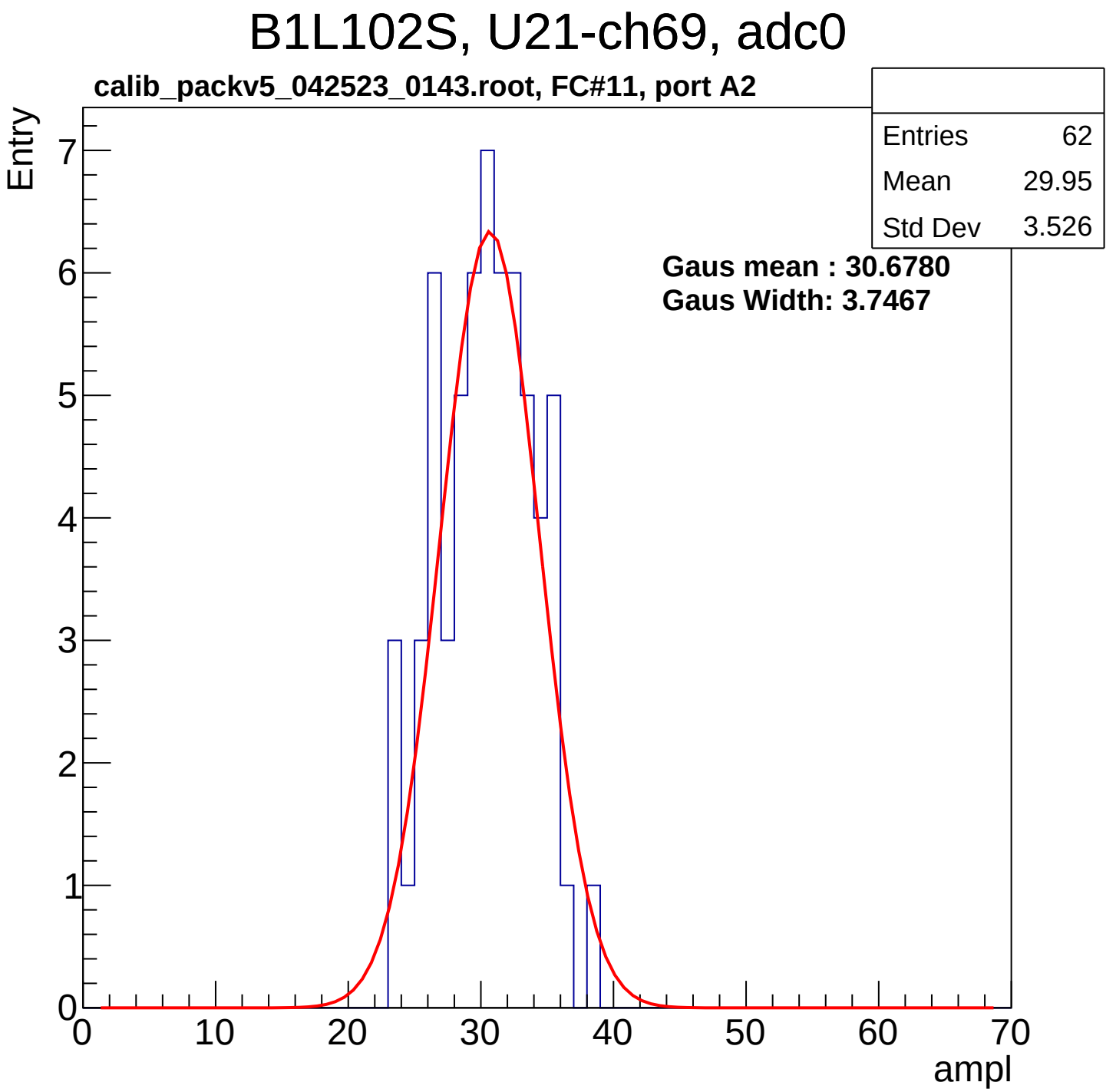
B1L102S, U21-ch69, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 29.95
Std Dev 3.526
Gaus mean : 30.6780
Gaus Width: 3.7467
Entry
ampl
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2
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4
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0
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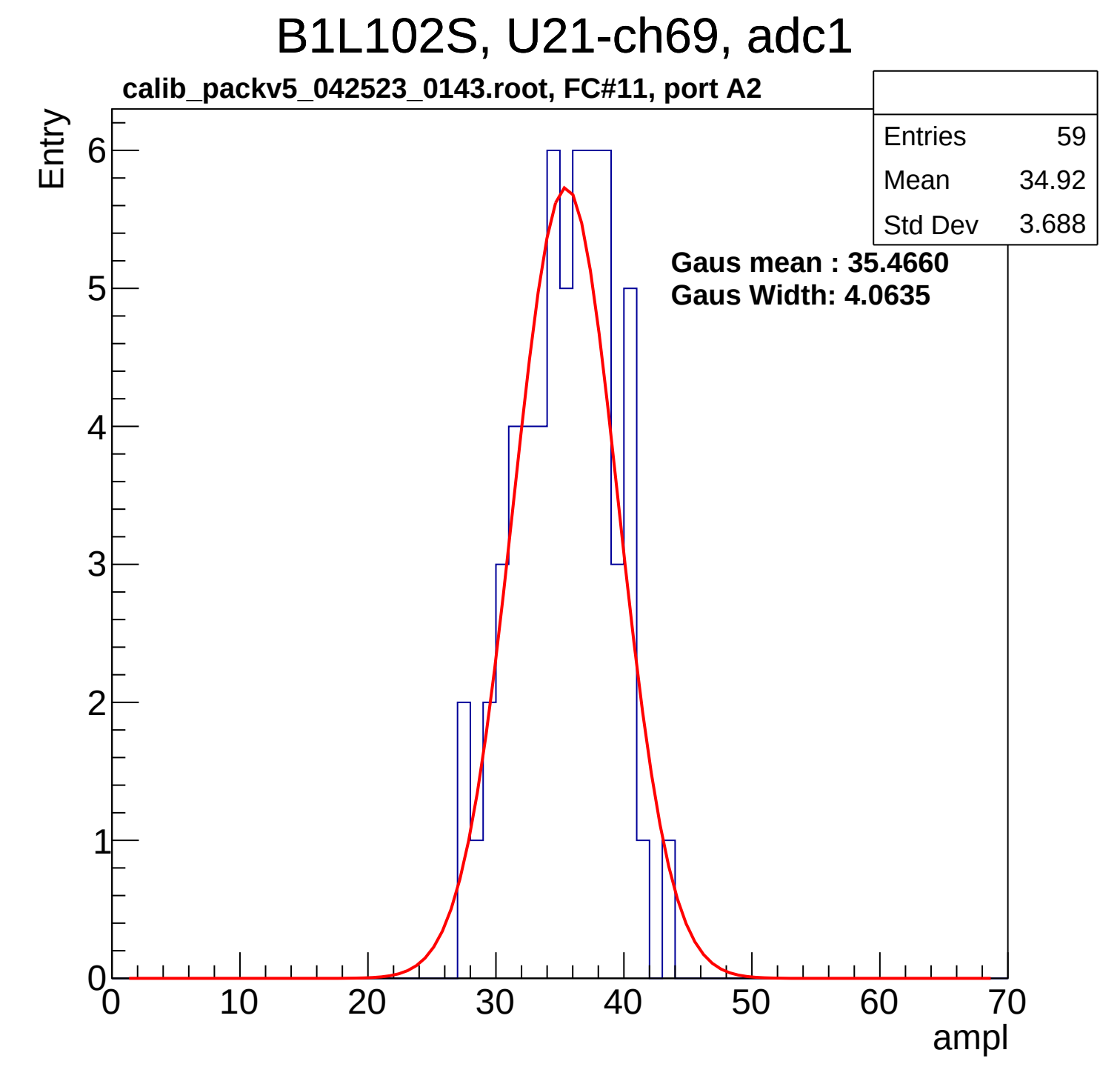
B1L102S, U21-ch69, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 34.92
Std Dev 3.688
Gaus mean : 35.4660
Gaus Width: 4.0635
Entry
ampl
0
1
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3
4
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0
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20
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40
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60
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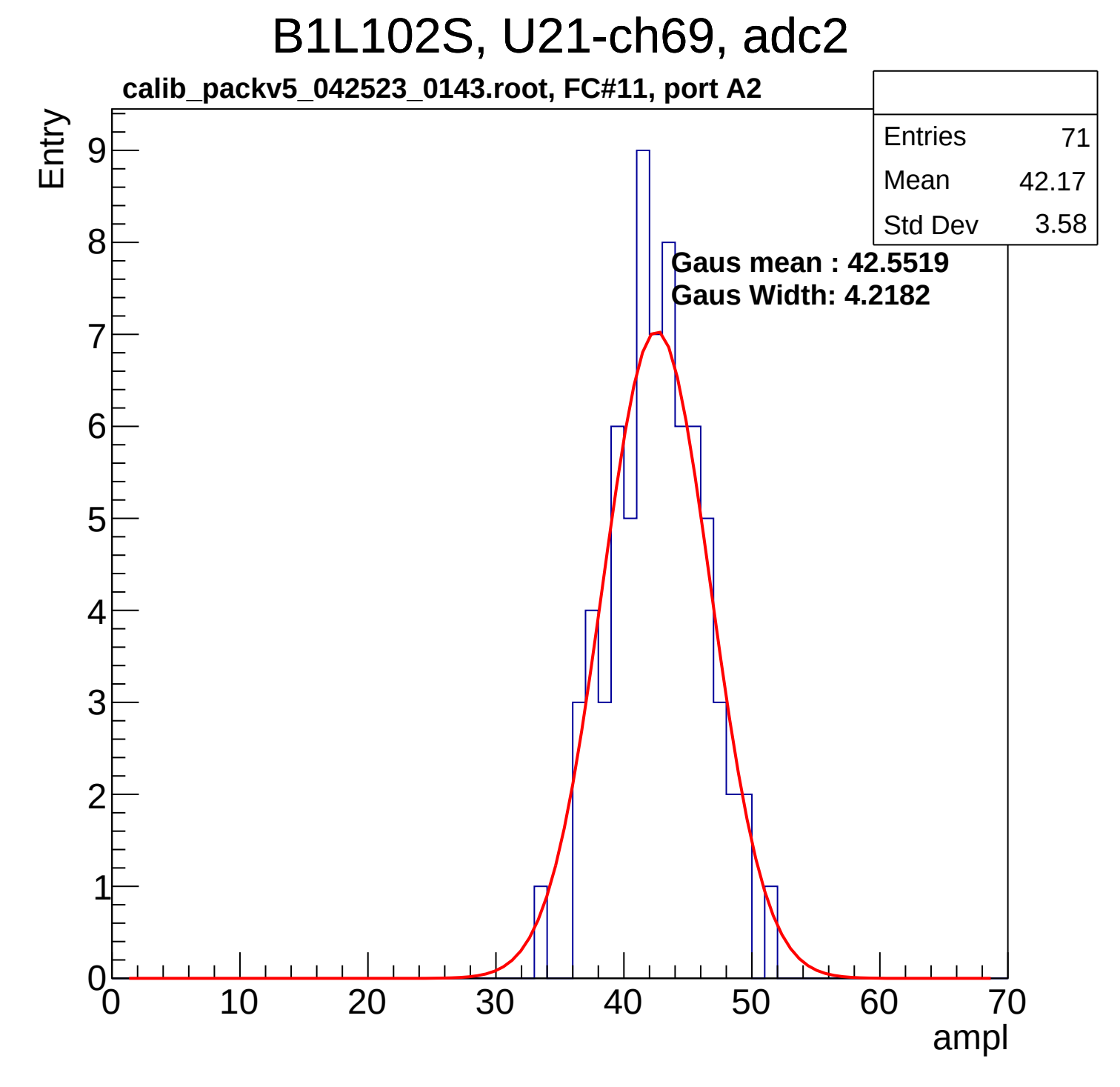
B1L102S, U21-ch69, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 42.17
Std Dev 3.58
Gaus mean : 42.5519
Gaus Width: 4.2182
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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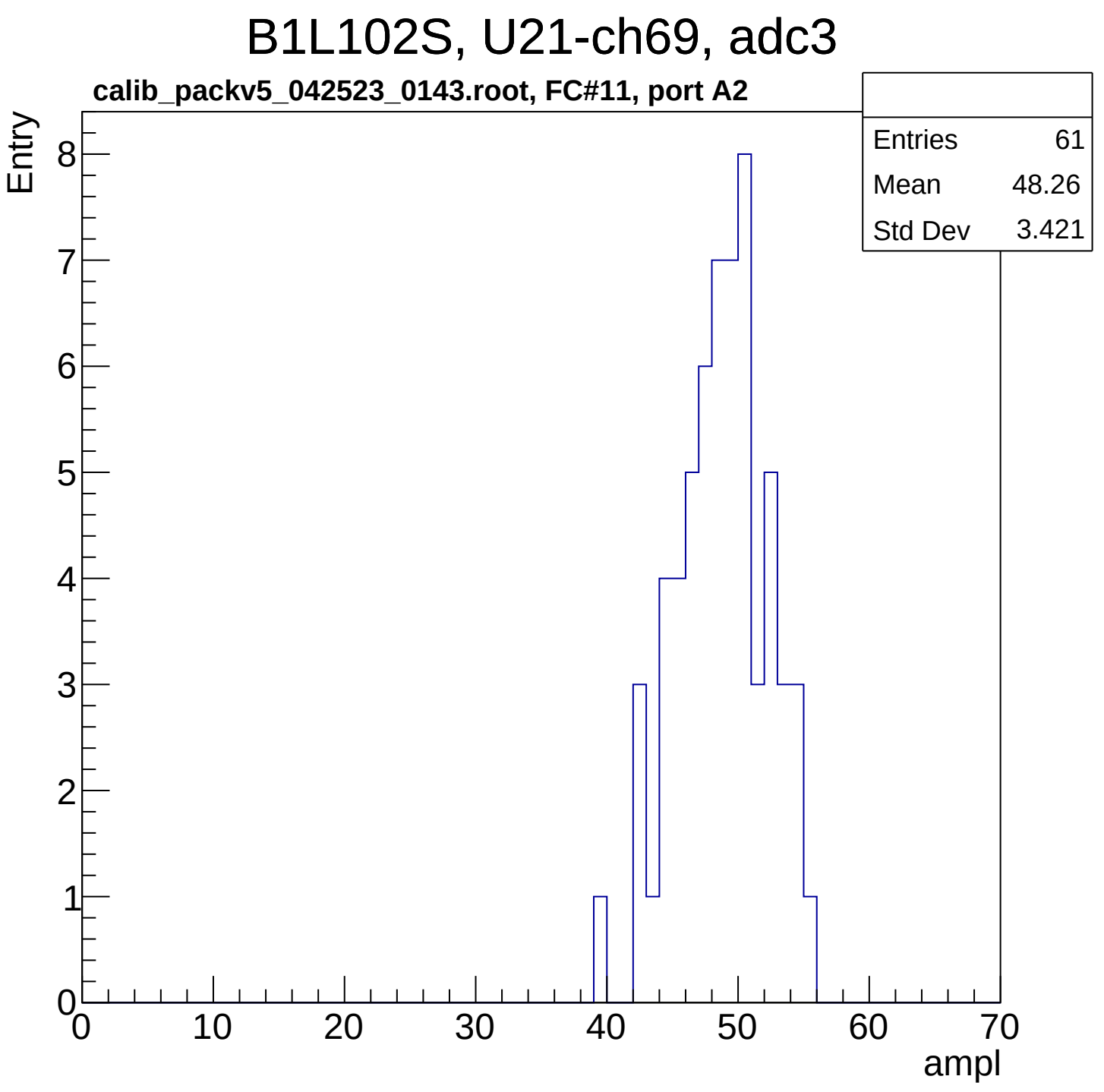
B1L102S, U21-ch69, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 48.26
Std Dev 3.421
Entry
ampl
0
1
2
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4
5
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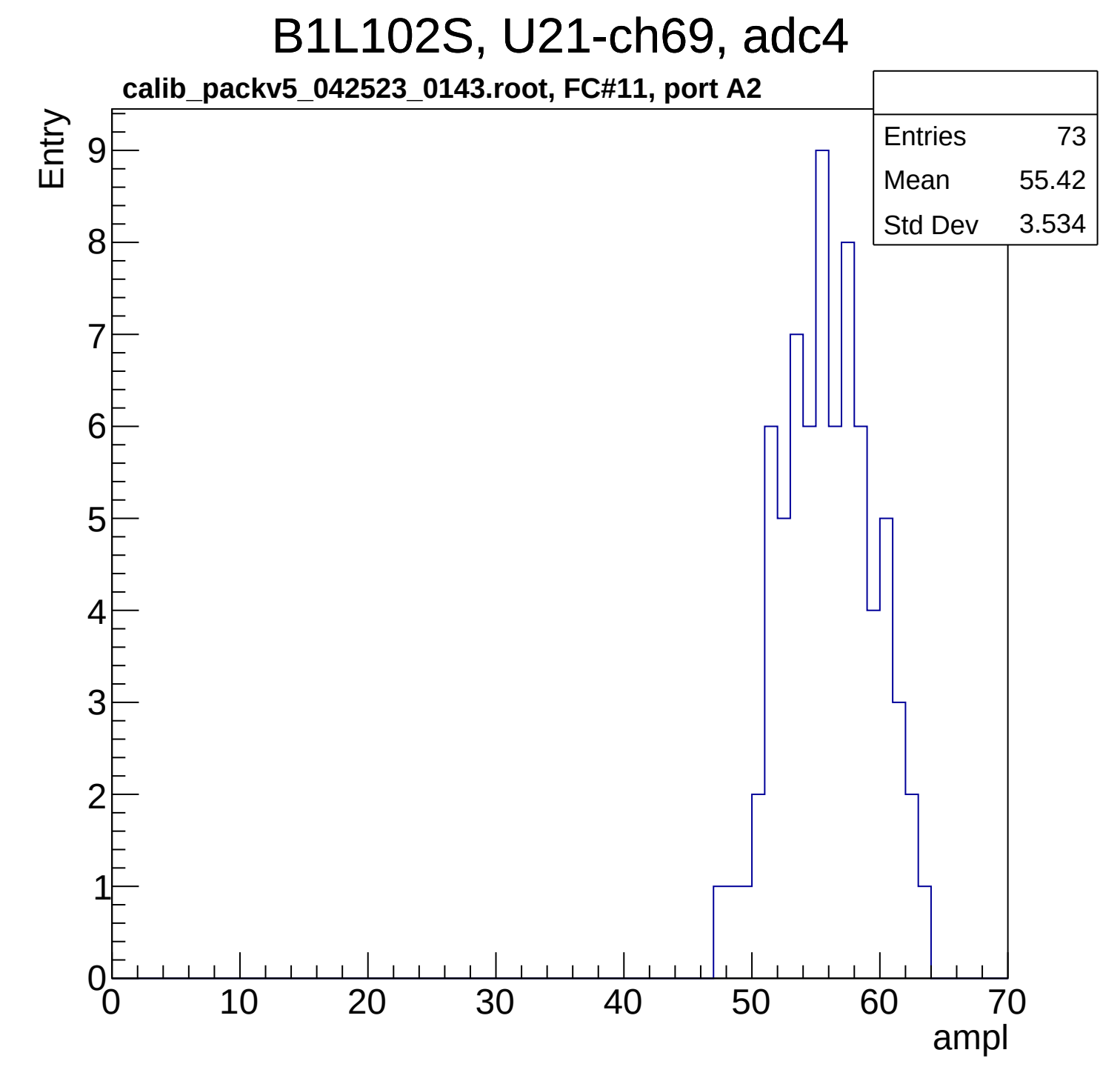
B1L102S, U21-ch69, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 55.42
Std Dev 3.534
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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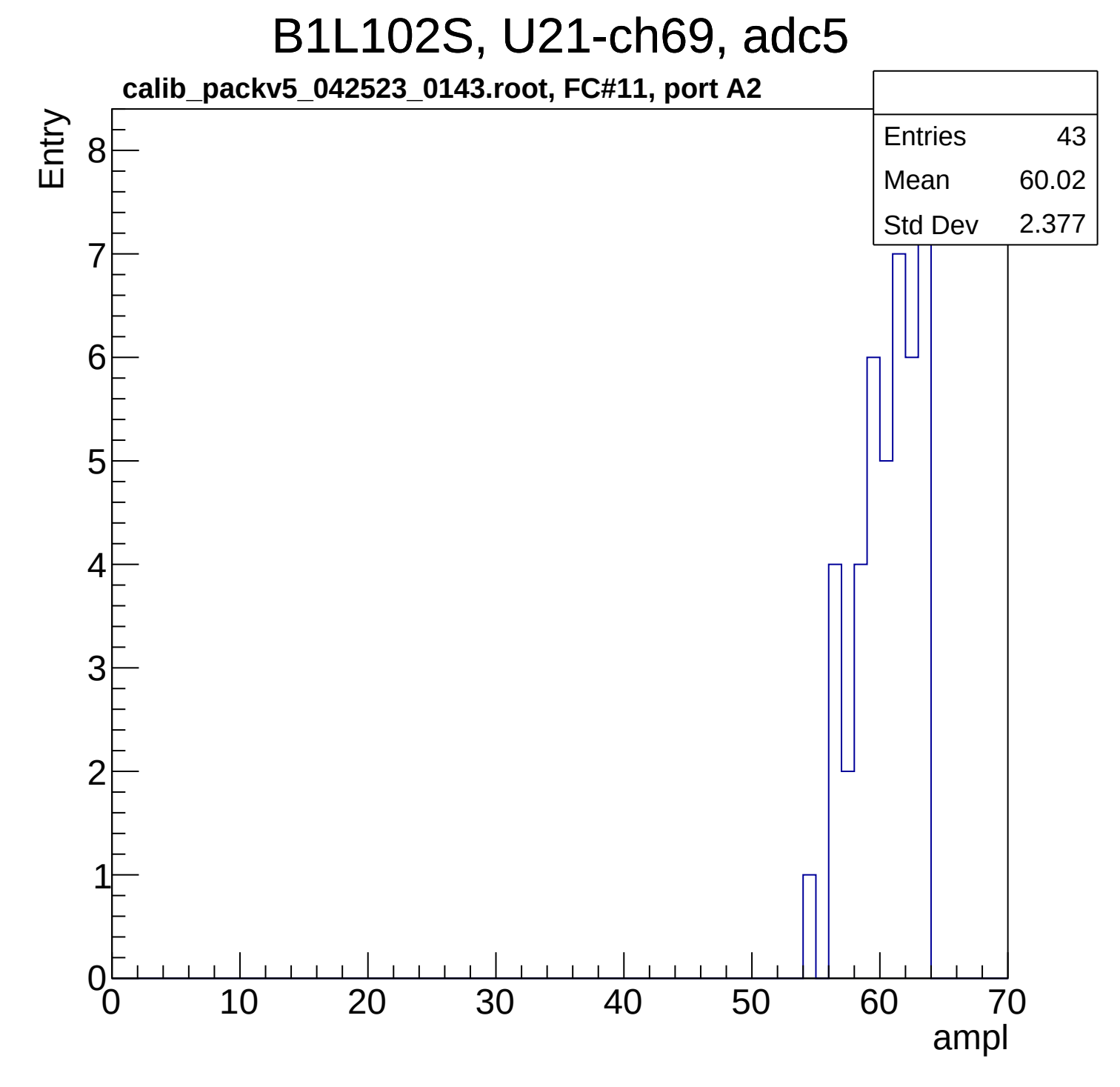
B1L102S, U21-ch69, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 43
Mean 60.02
Std Dev 2.377
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
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40
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60
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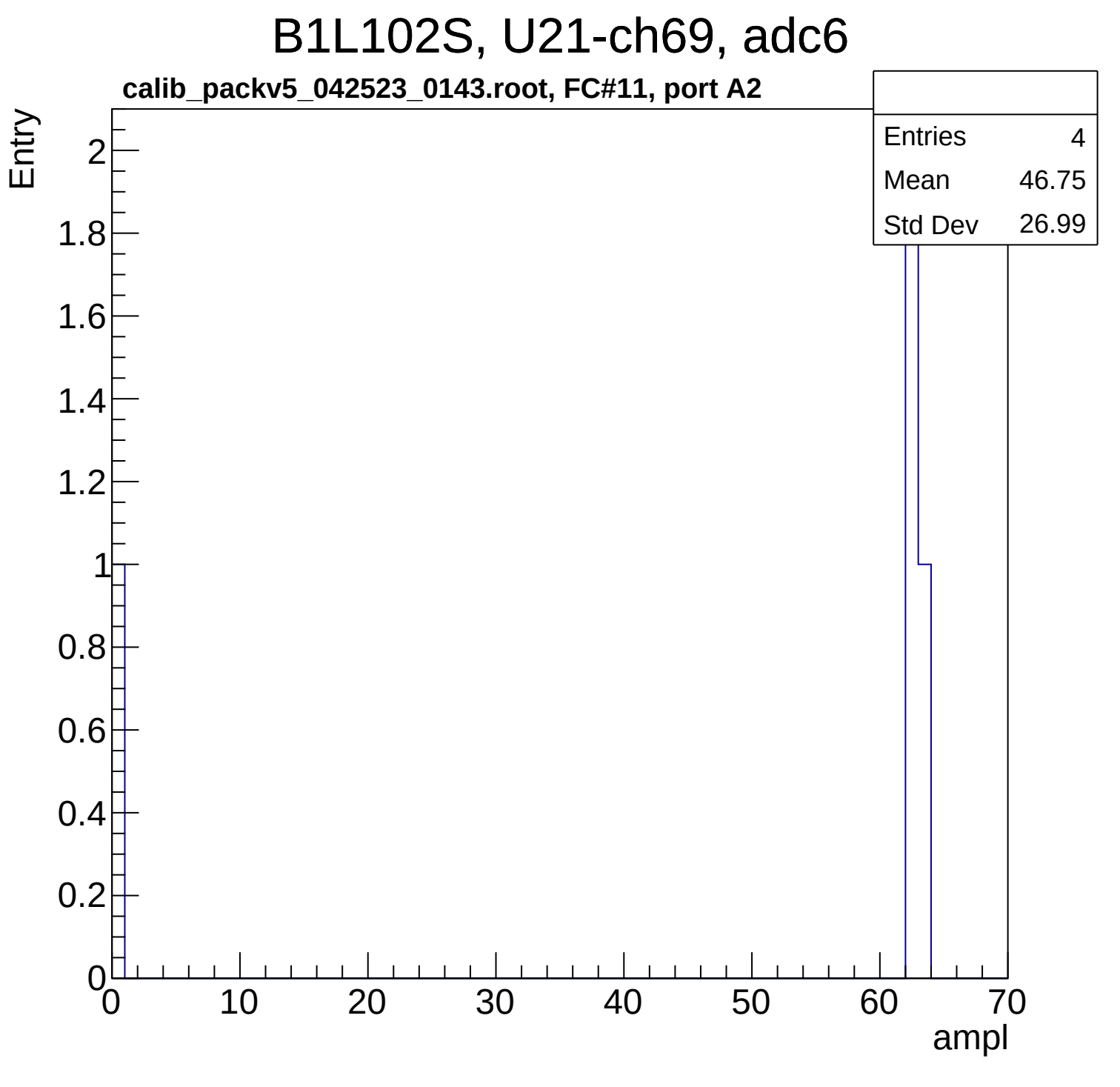
B1L102S, U21-ch69, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 46.75
Std Dev 26.99
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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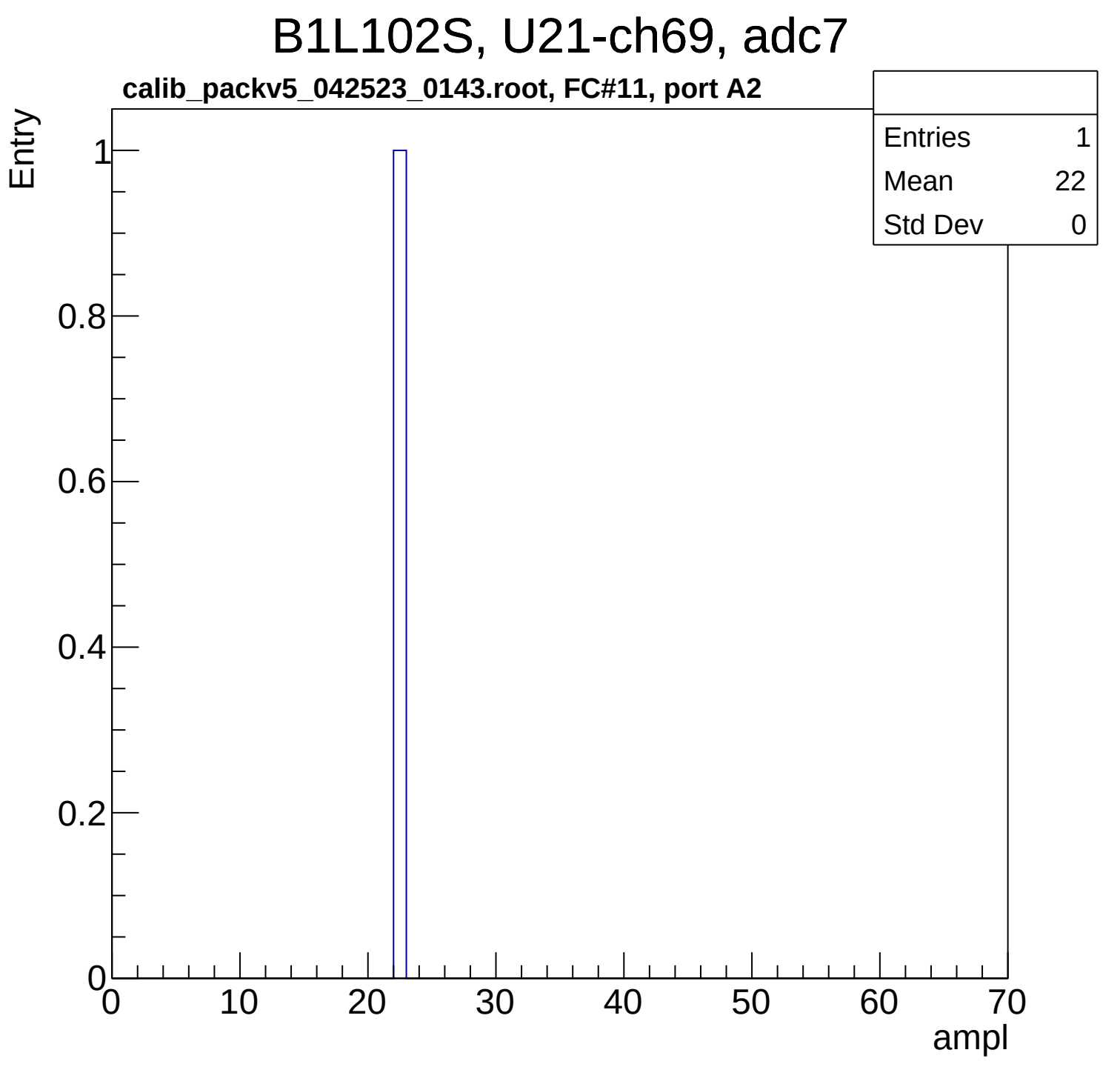
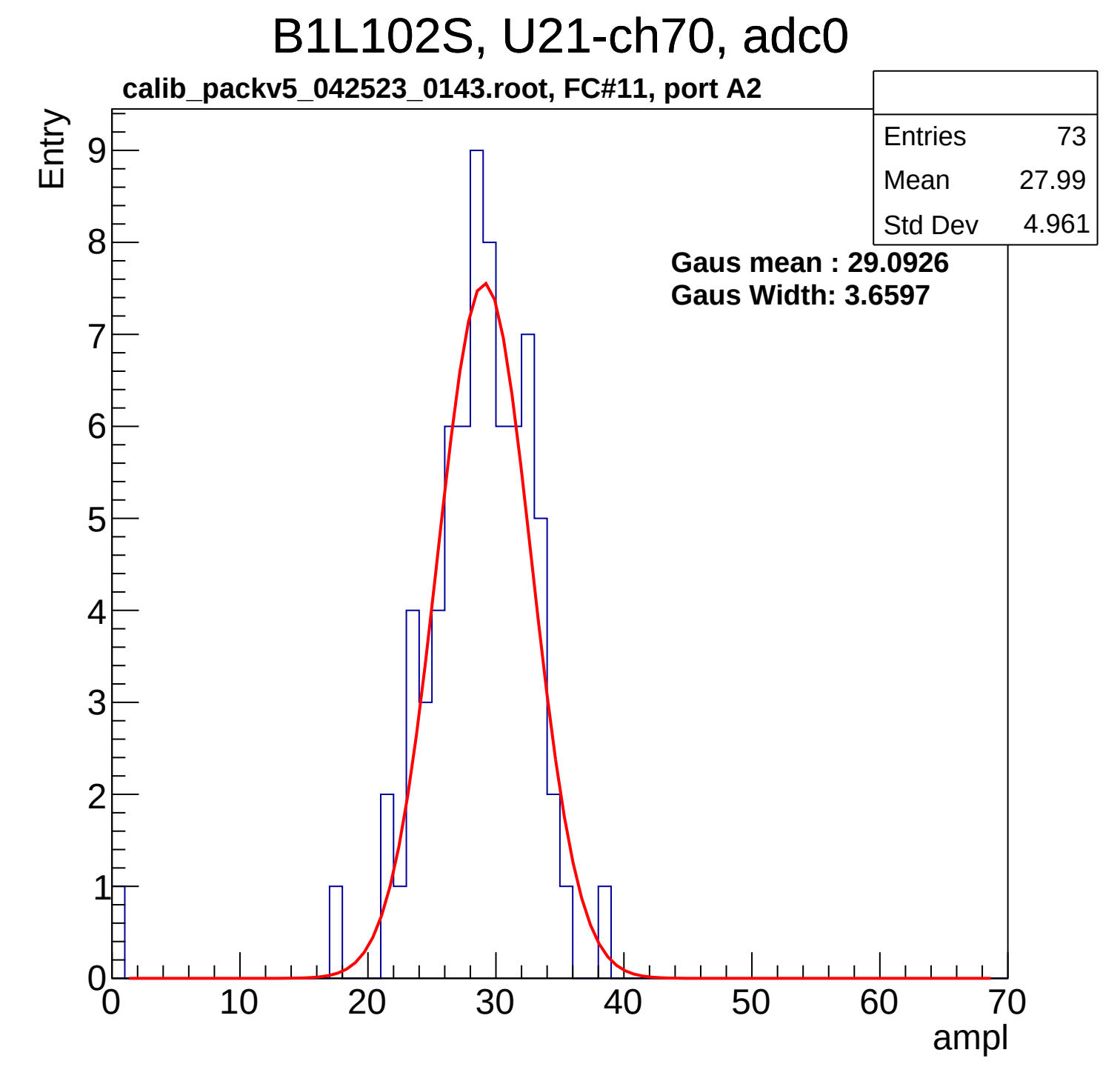

B1L102S, U21-ch69, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 22
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch70, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 27.99
Std Dev 4.961
Gaus mean : 29.0926
Gaus Width: 3.6597
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
30
40
50
60
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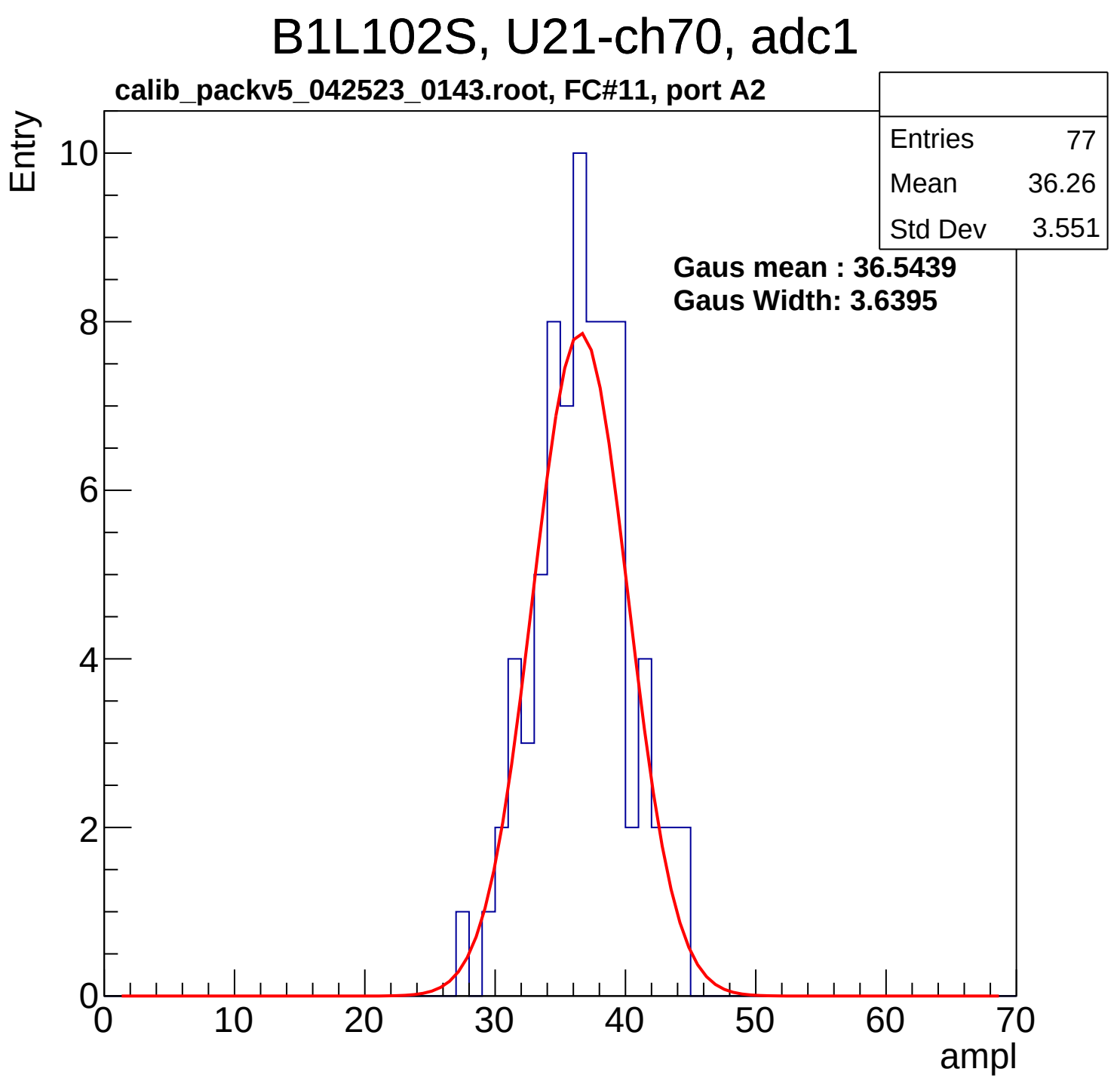
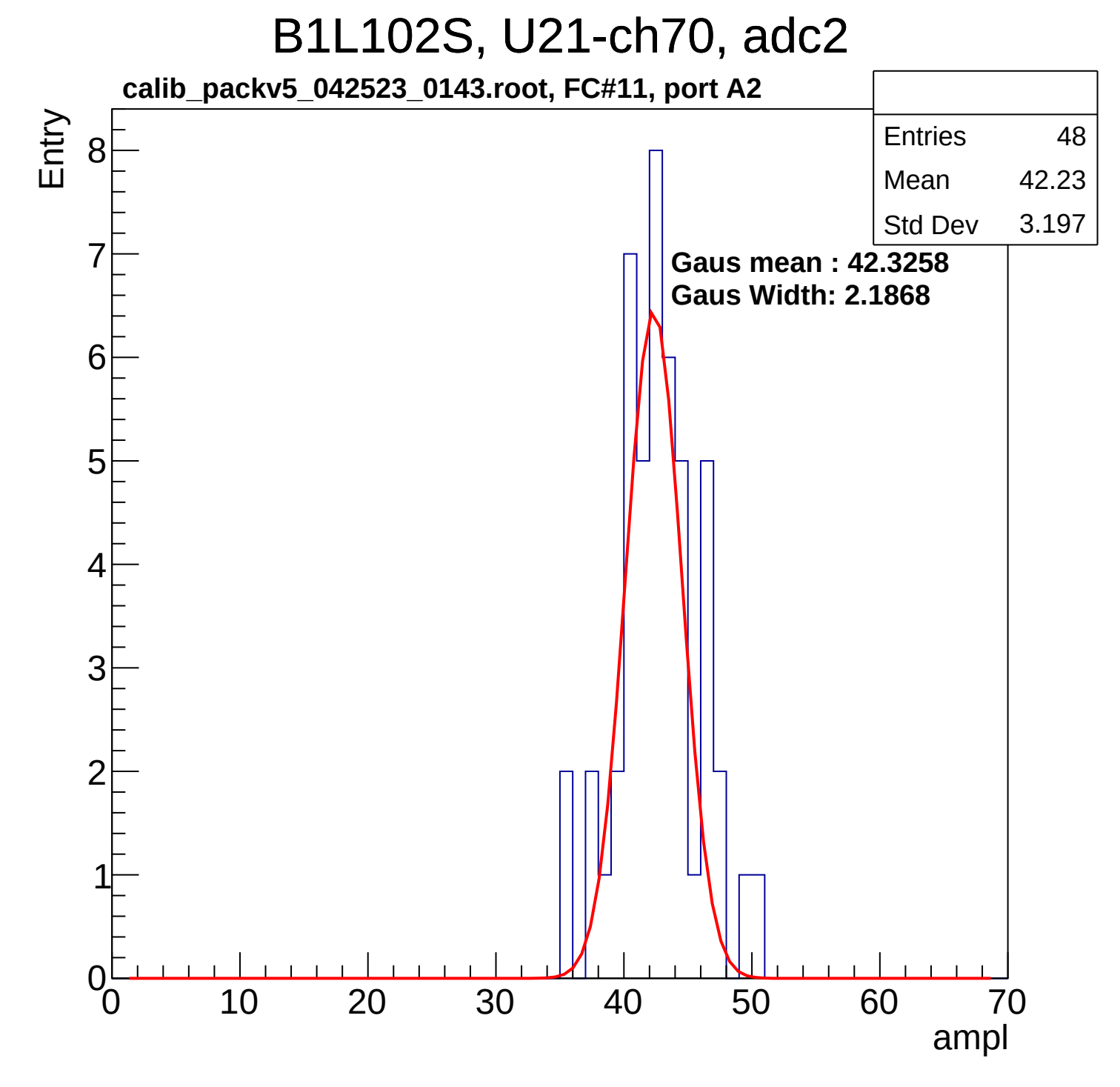

B1L102S, U21-ch70, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 36.26
Std Dev 3.551
Gaus mean : 36.5439
Gaus Width: 3.6395
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch70, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 48
Mean 42.23
Std Dev 3.197
Gaus mean : 42.3258
Gaus Width: 2.1868
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
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40
50
60
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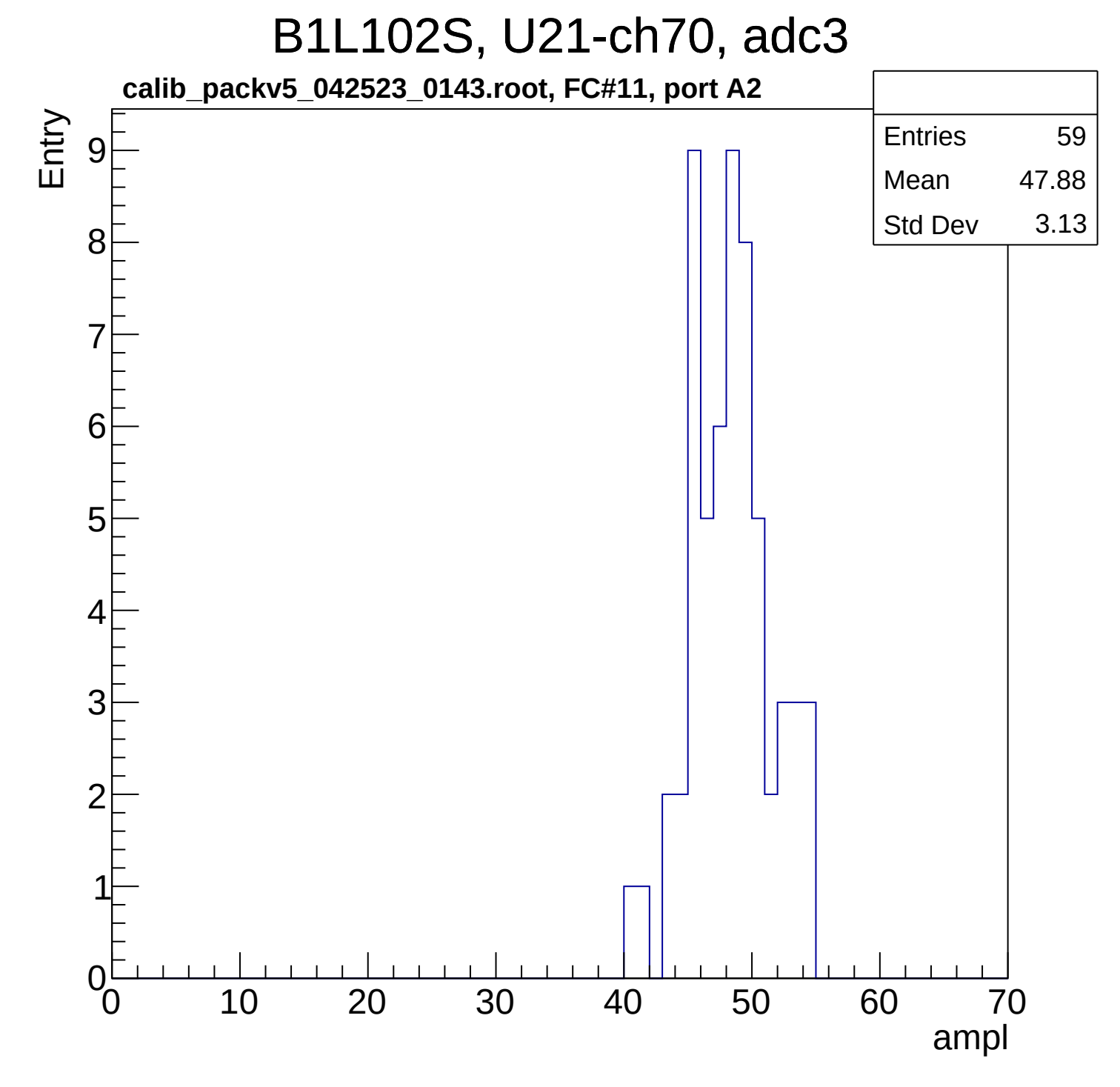
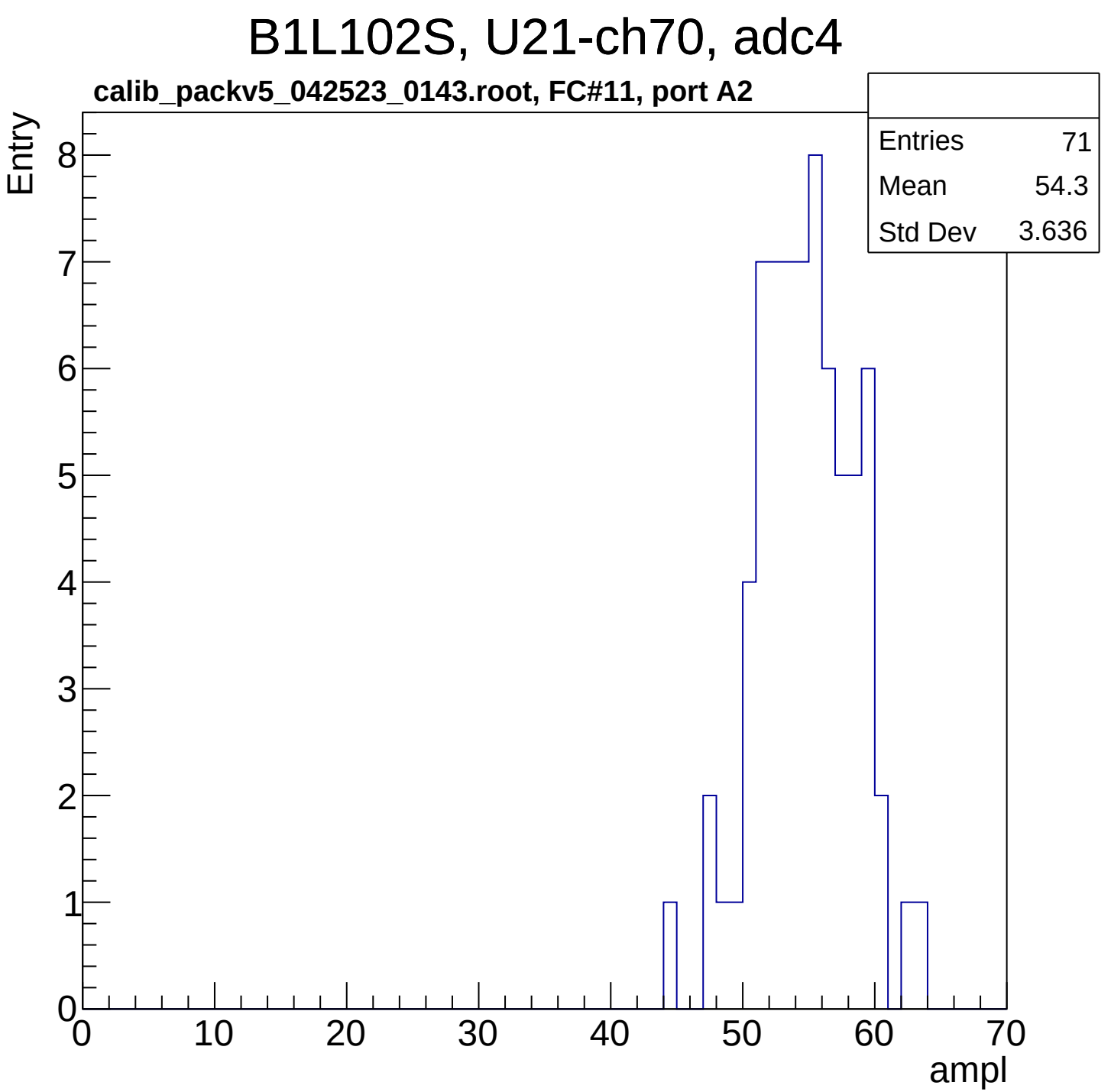

B1L102S, U21-ch70, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 47.88
Std Dev 3.13
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch70, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 54.3
Std Dev 3.636
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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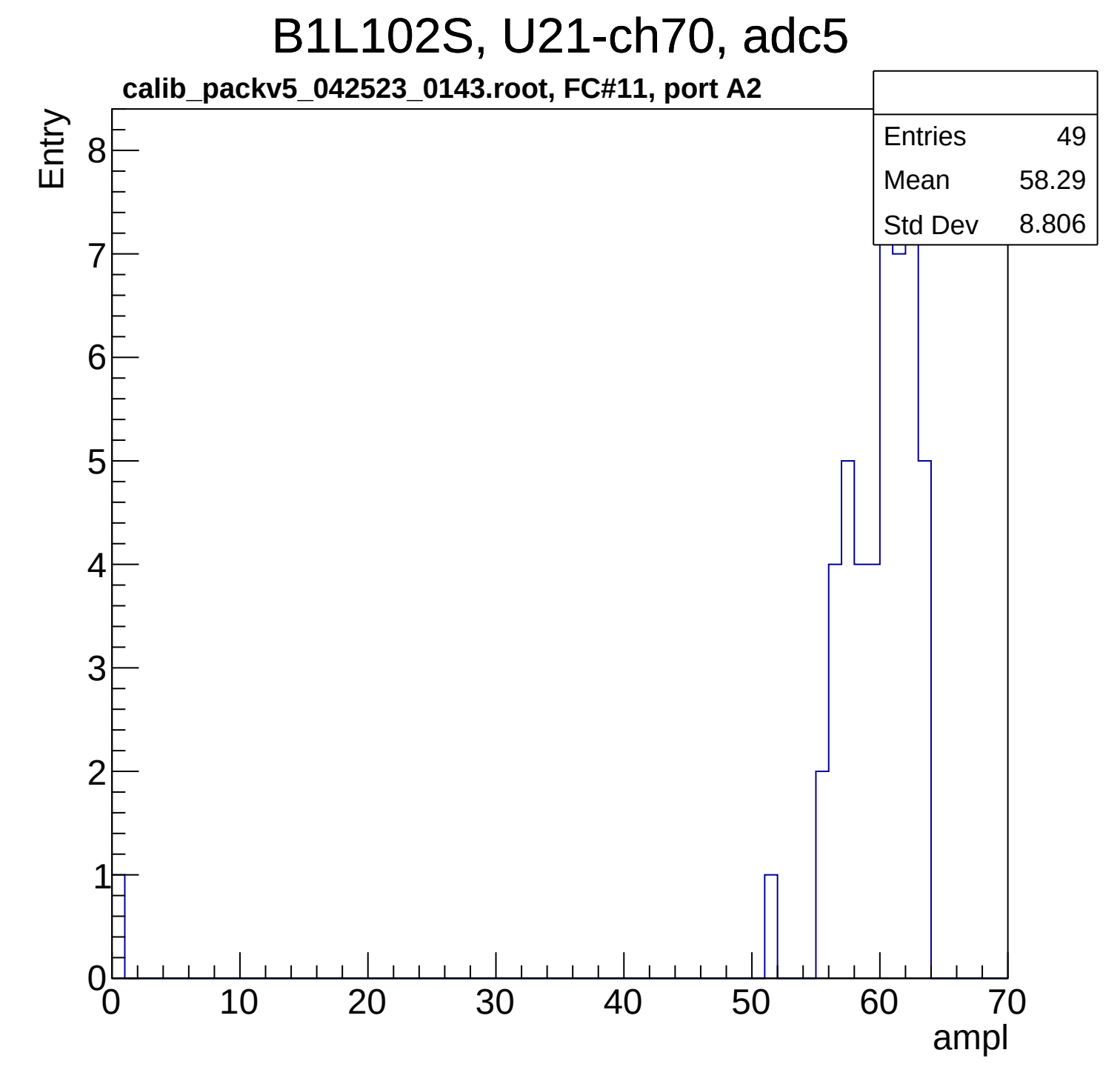
B1L102S, U21-ch70, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 58.29
Std Dev 8.806
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
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40
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60
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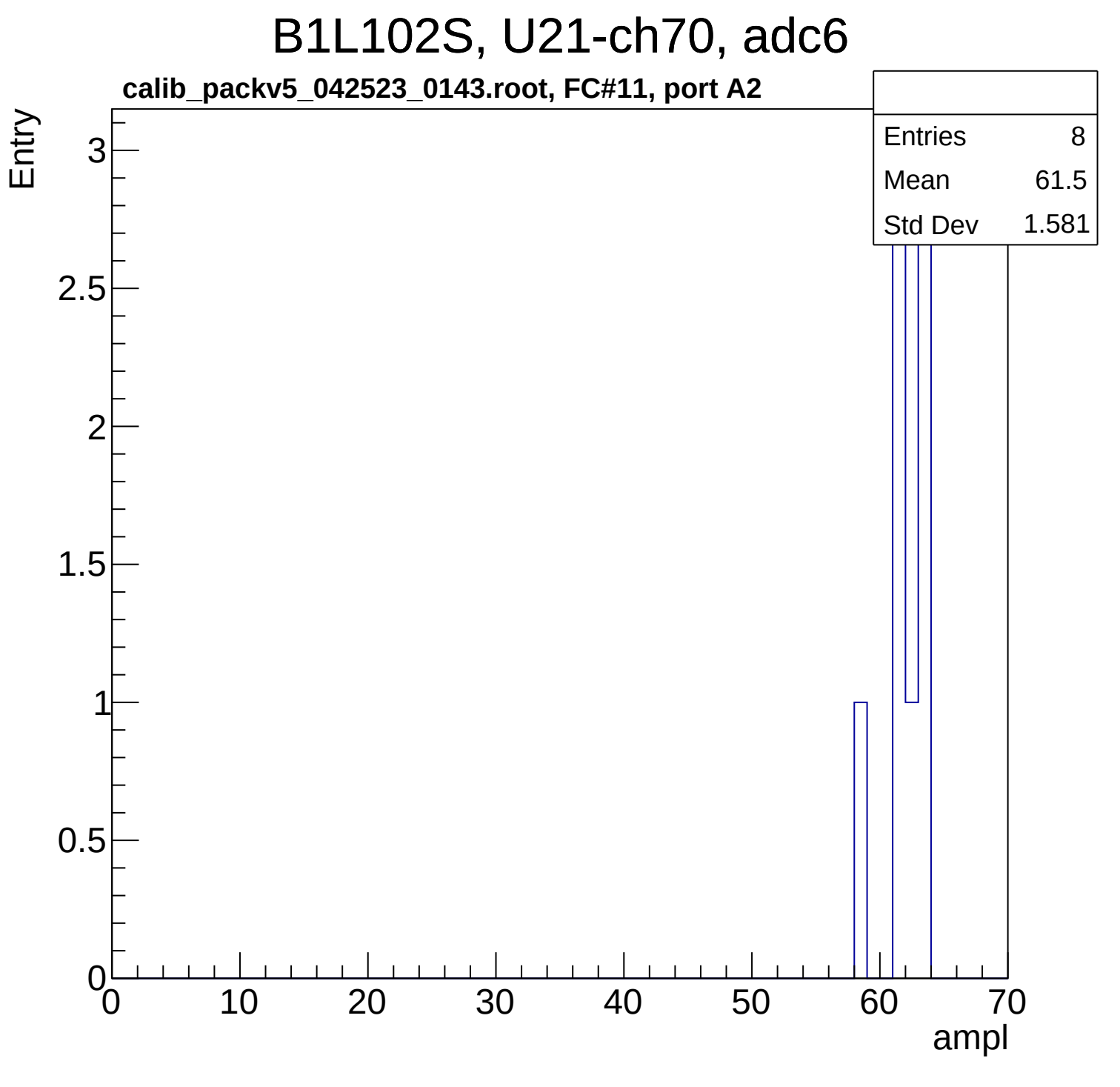
B1L102S, U21-ch70, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 8
Mean 61.5
Std Dev 1.581
Entry
ampl
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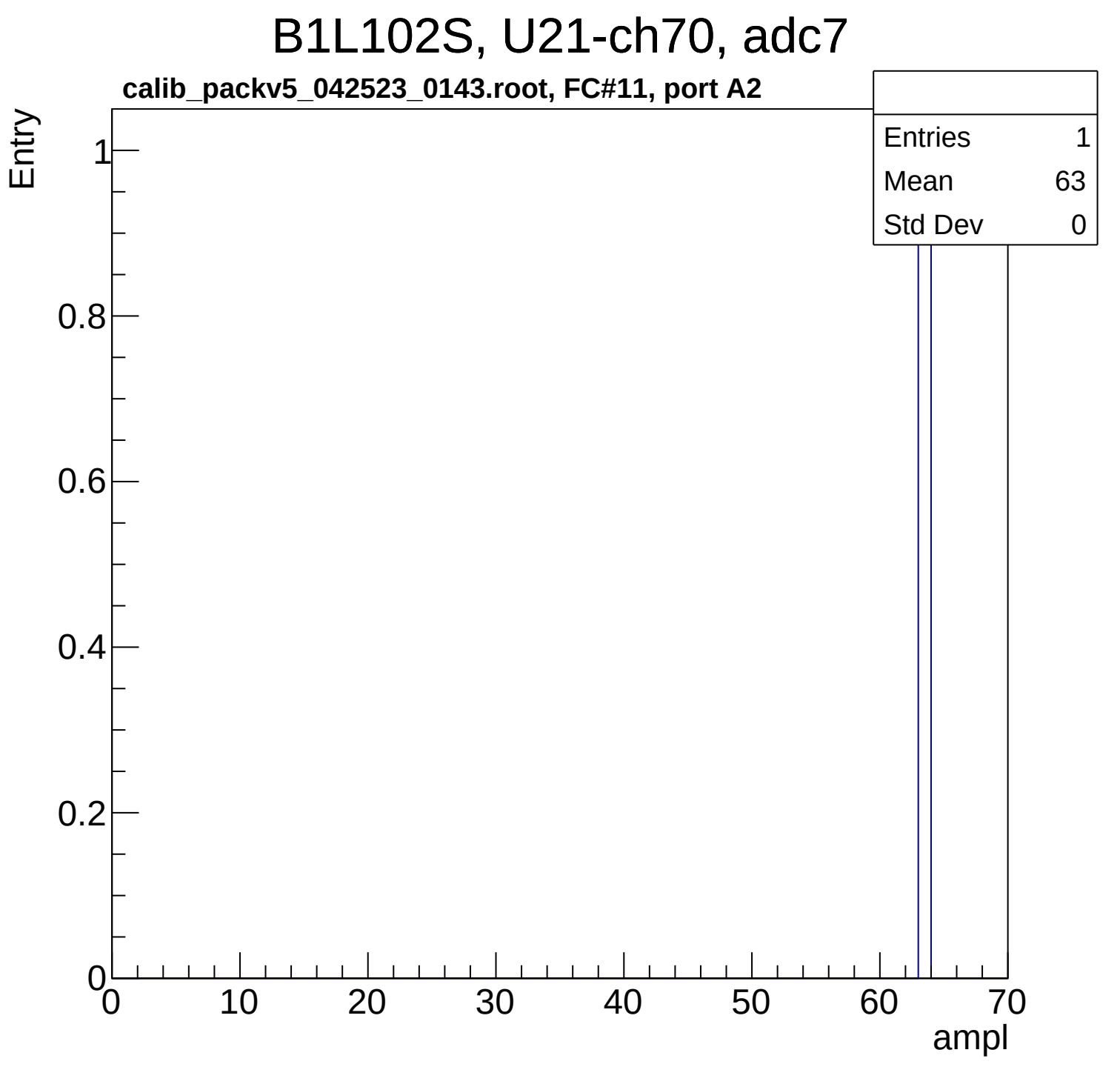
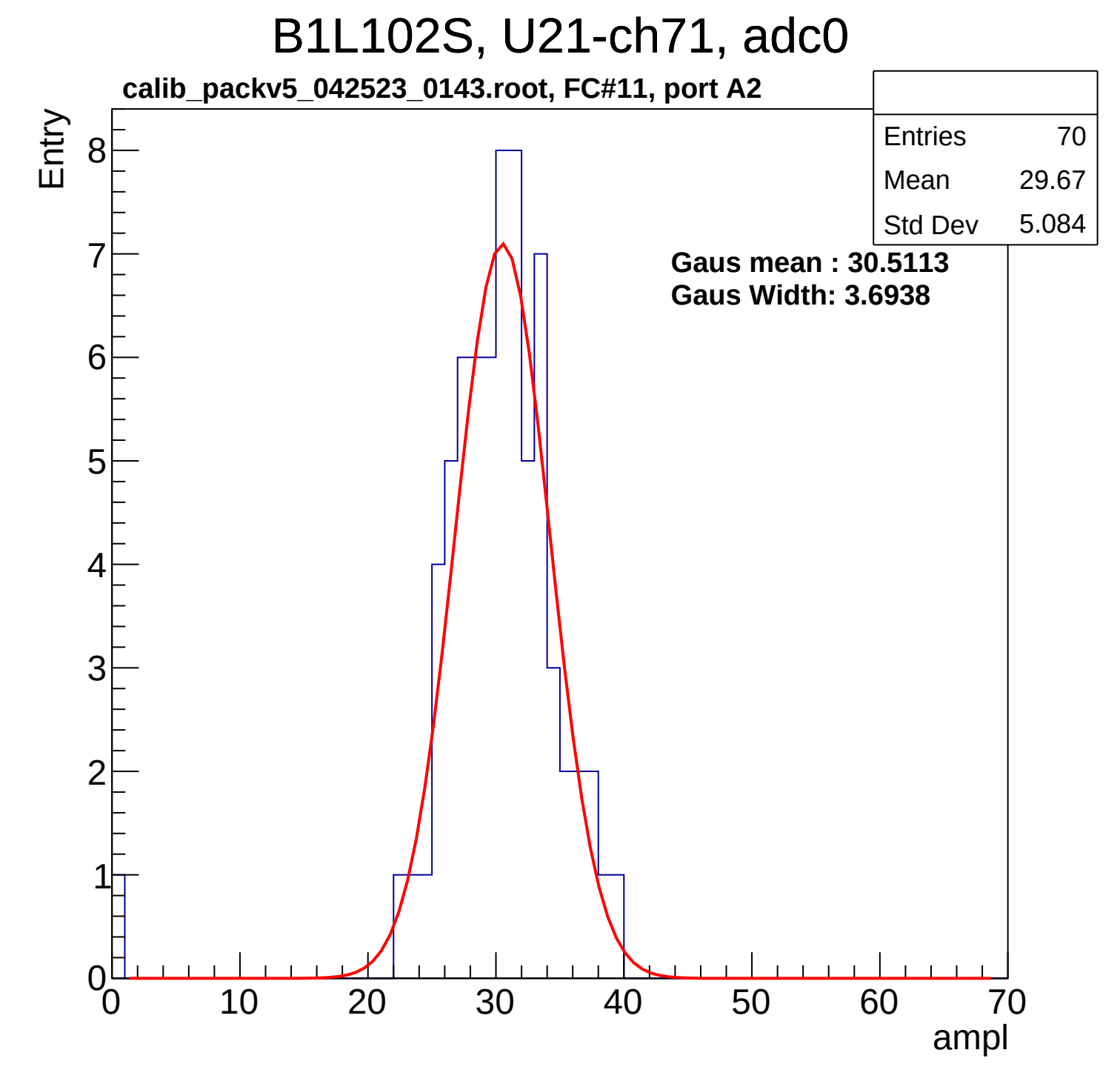
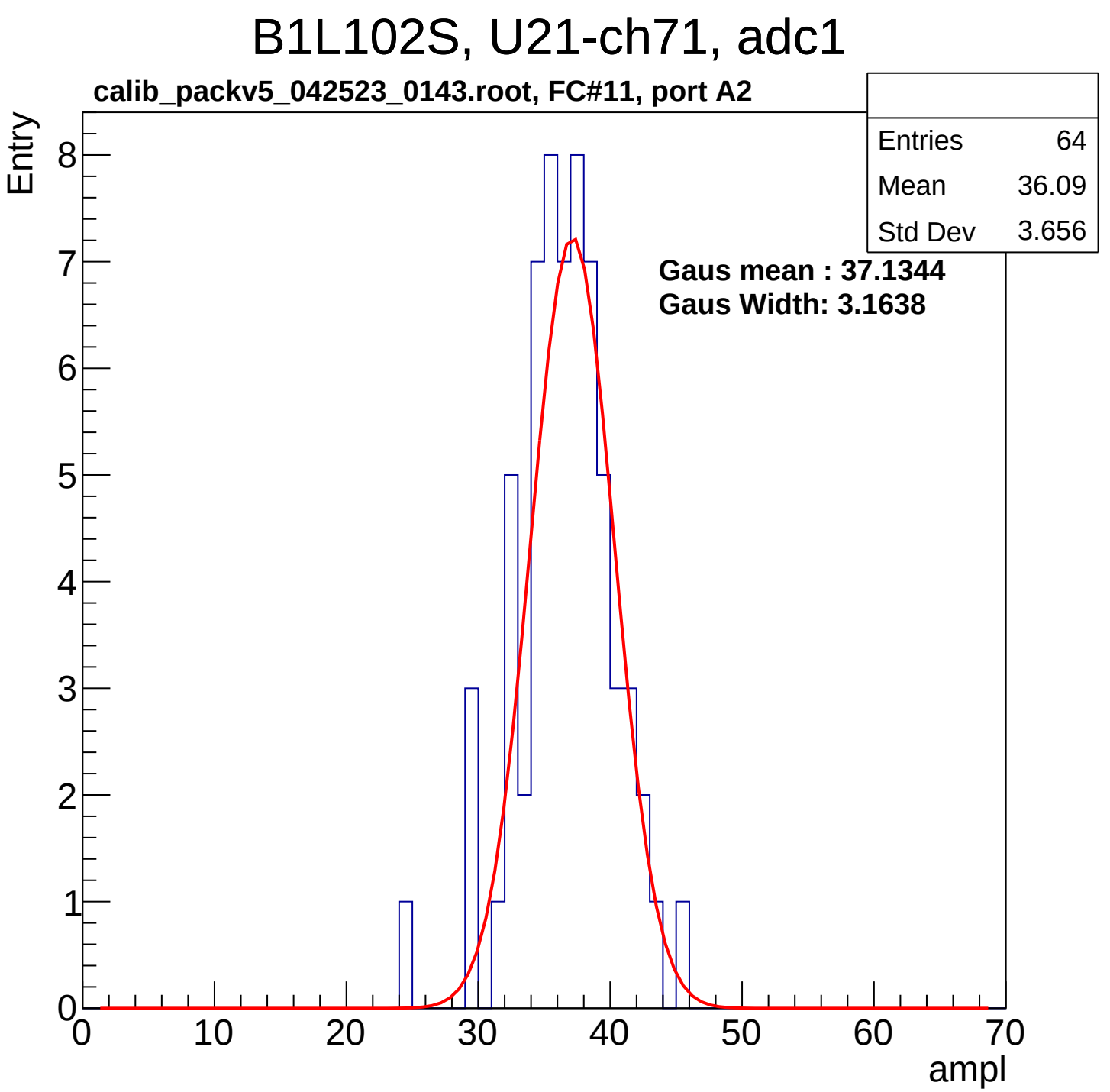
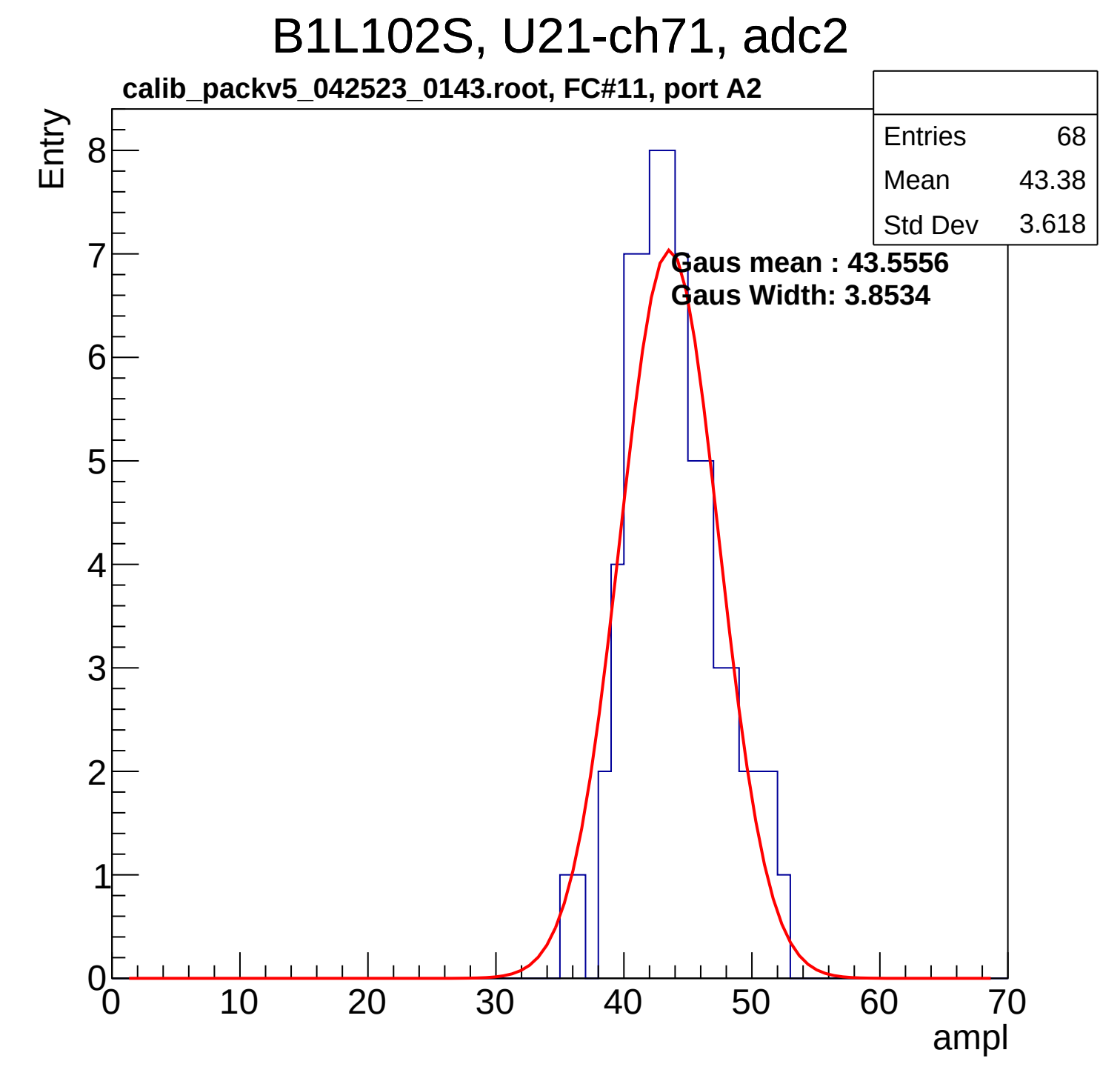
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U21-ch70, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch71, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 29.67
Std Dev 5.084
Gaus mean : 30.5113
Gaus Width: 3.6938
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch71, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 36.09
Std Dev 3.656
Gaus mean : 37.1344
Gaus Width: 3.1638
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch71, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 43.38
Std Dev 3.618
Gaus mean : 43.5556
Gaus Width: 3.8534
Entry
ampl
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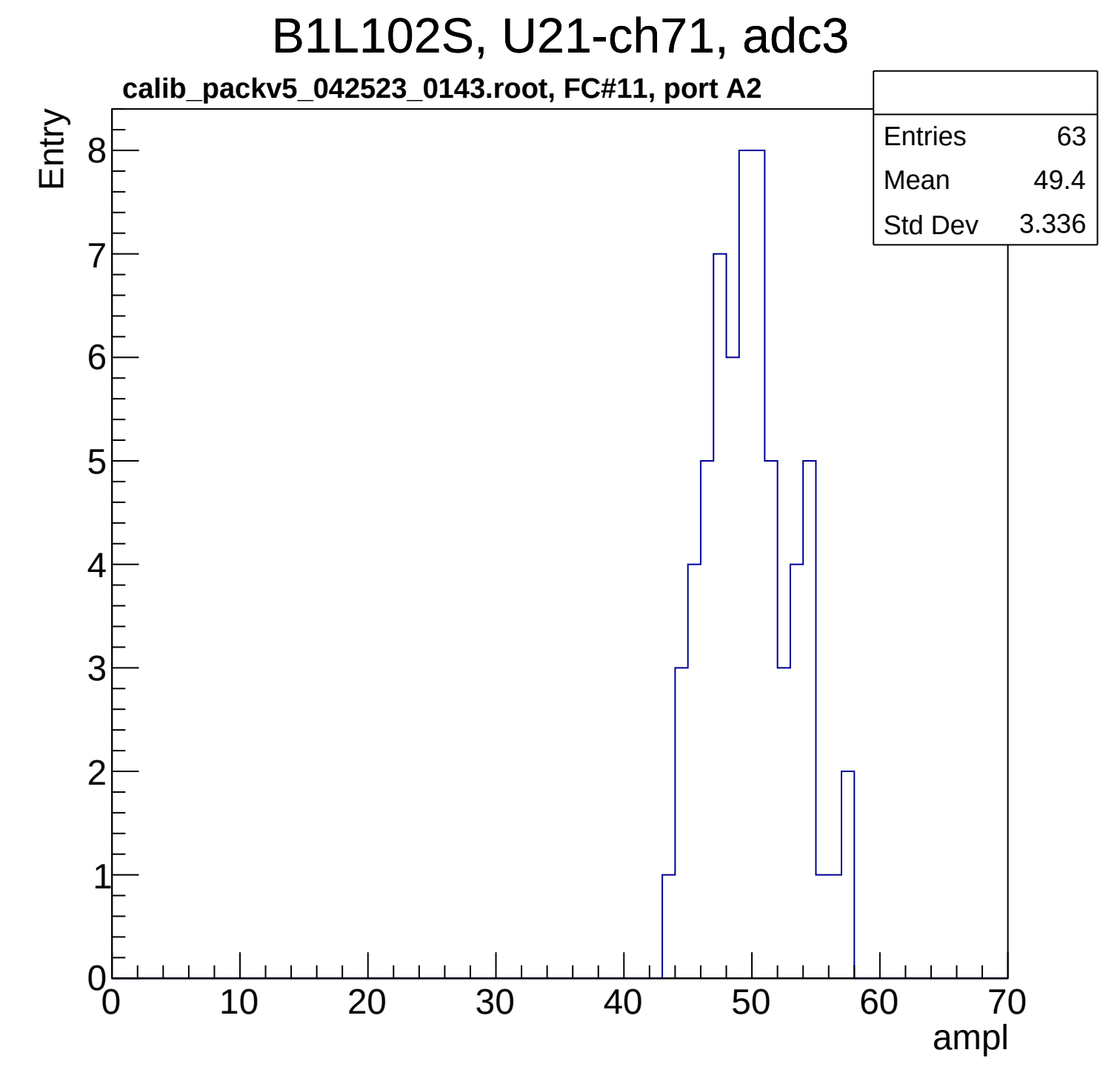
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch71, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 49.4
Std Dev 3.336
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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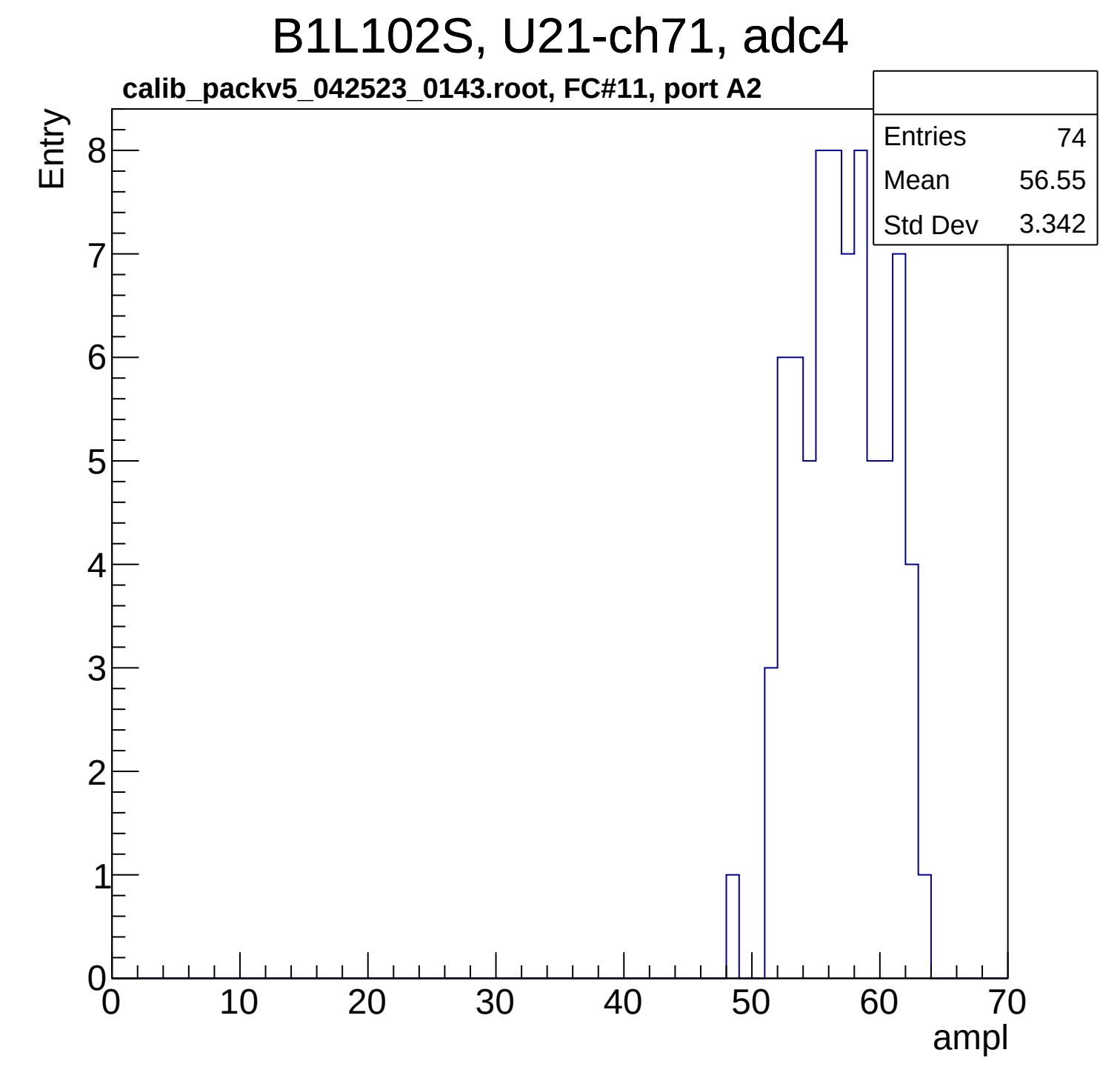
40
50
60
70


B1L102S, U21-ch71, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 56.55
Std Dev 3.342
Entry
ampl
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1
2
3
4
5
6
7
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0
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20
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40
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60
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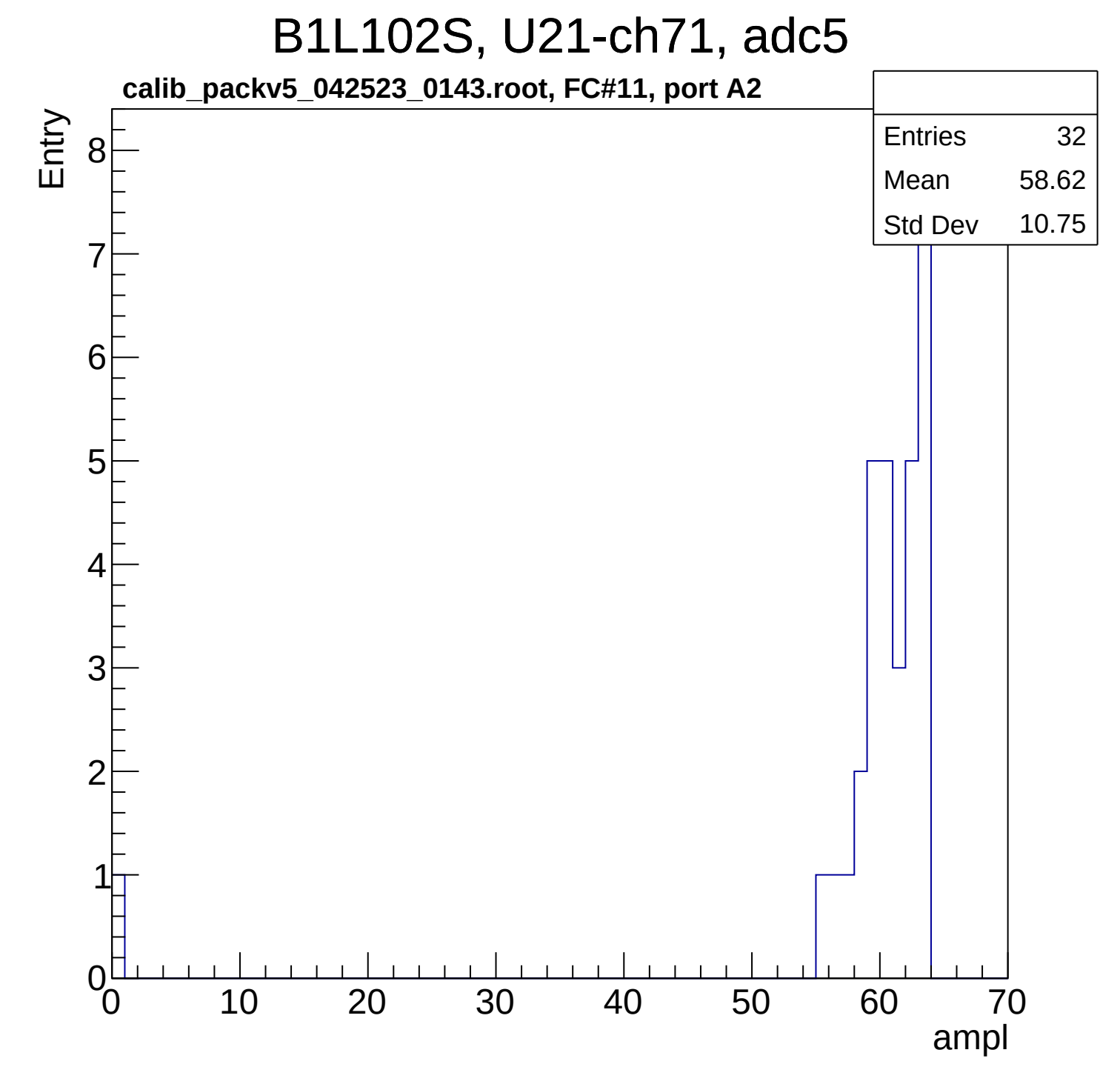
B1L102S, U21-ch71, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 32
Mean 58.62
Std Dev 10.75
Entry
ampl
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3
4
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6
7
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0
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60
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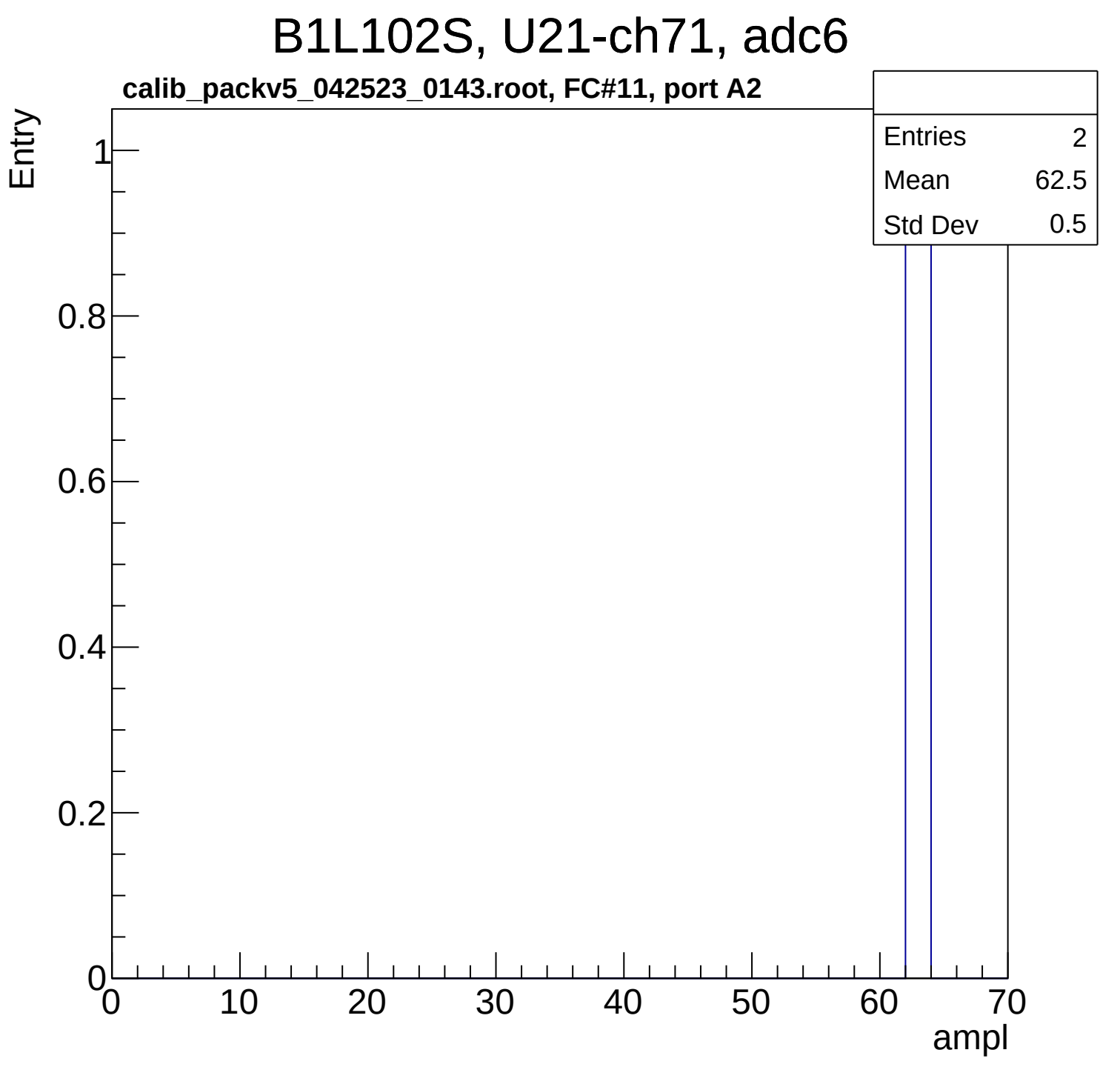
B1L102S, U21-ch71, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
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0.4
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10
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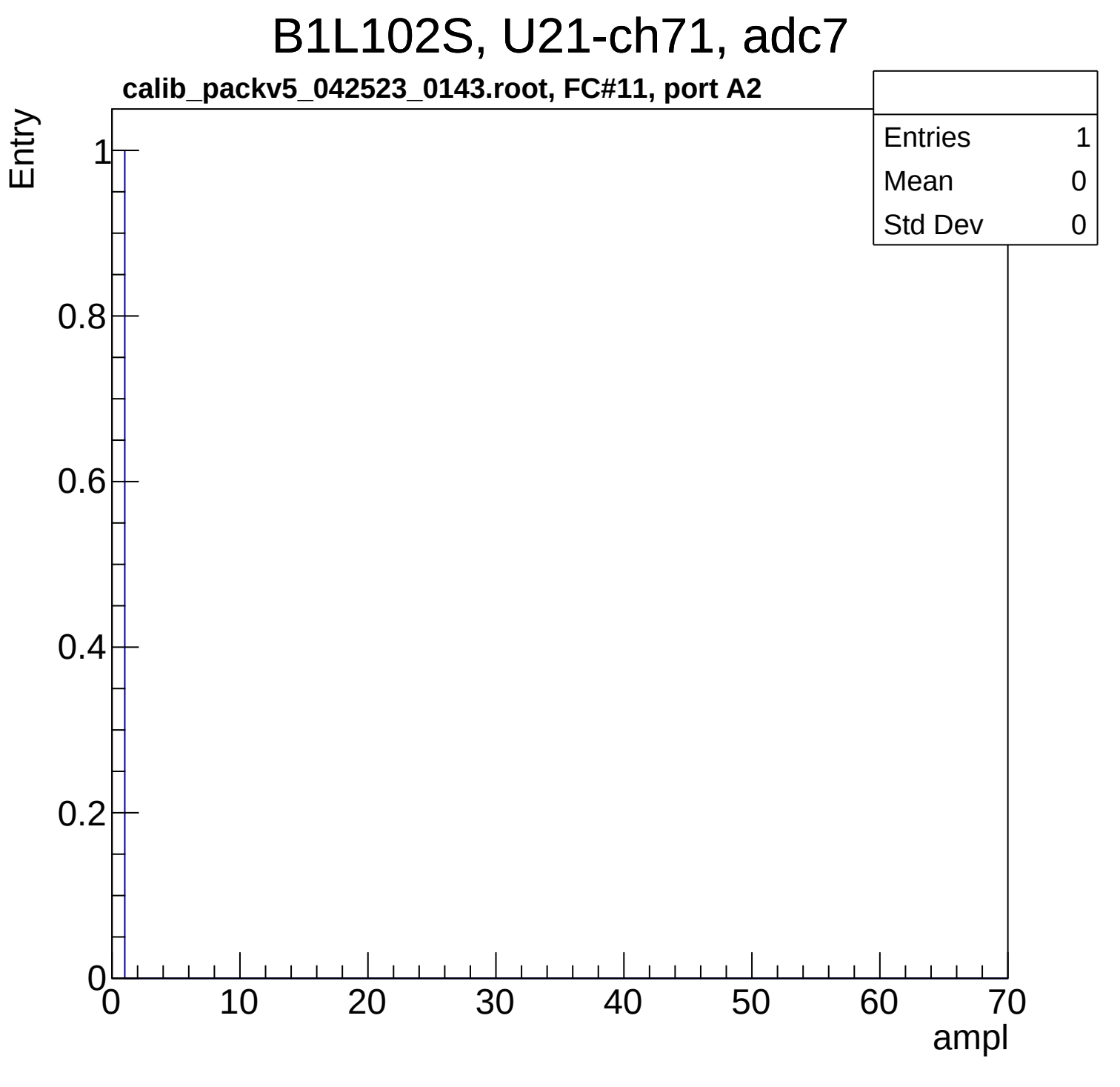
50
60
70
ampl


B1L102S, U21-ch71, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 0
Std Dev 0
Entry
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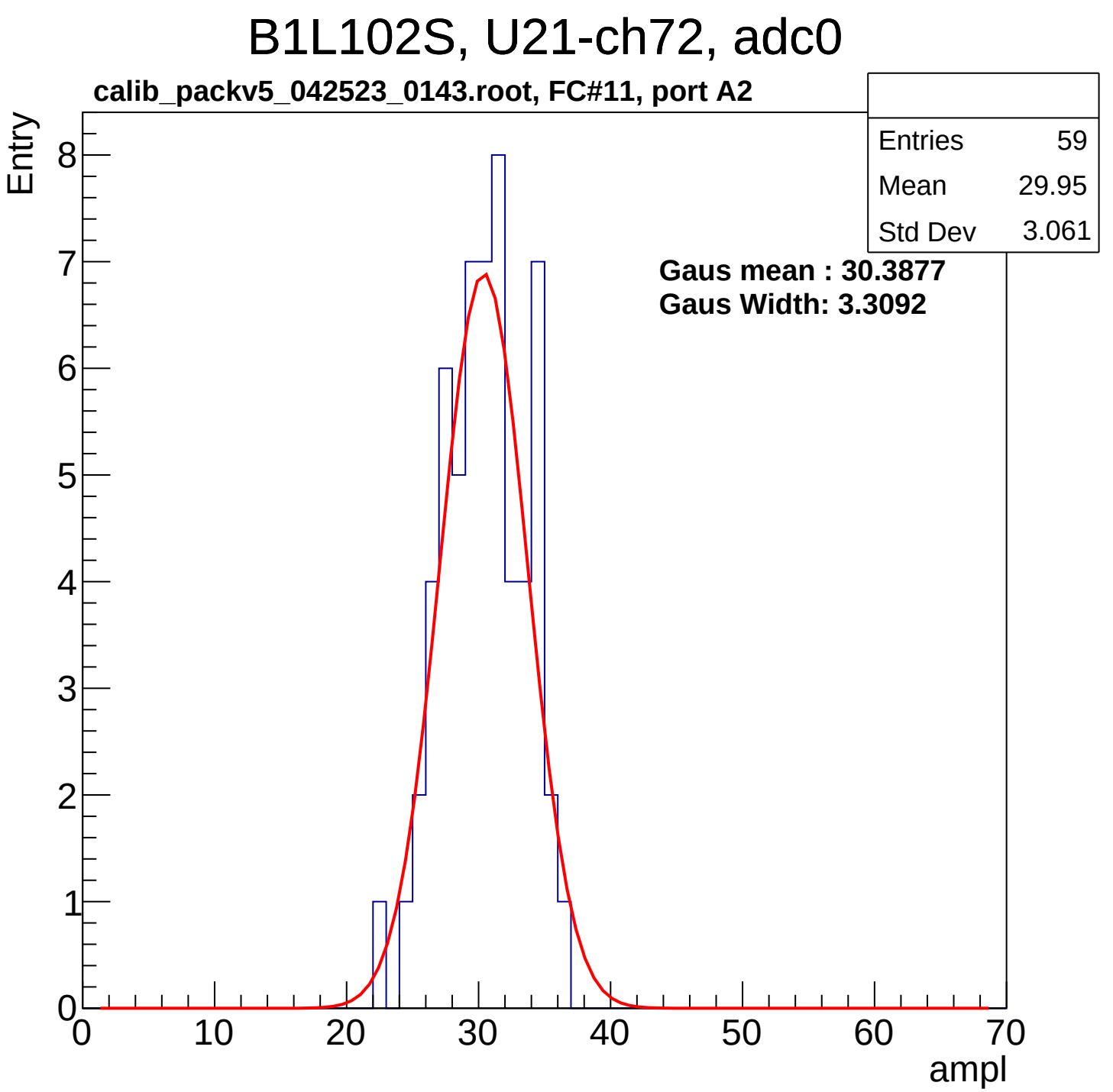
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch72, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 29.95
Std Dev 3.061
Gaus mean : 30.3877
Gaus Width: 3.3092
Entry
ampl
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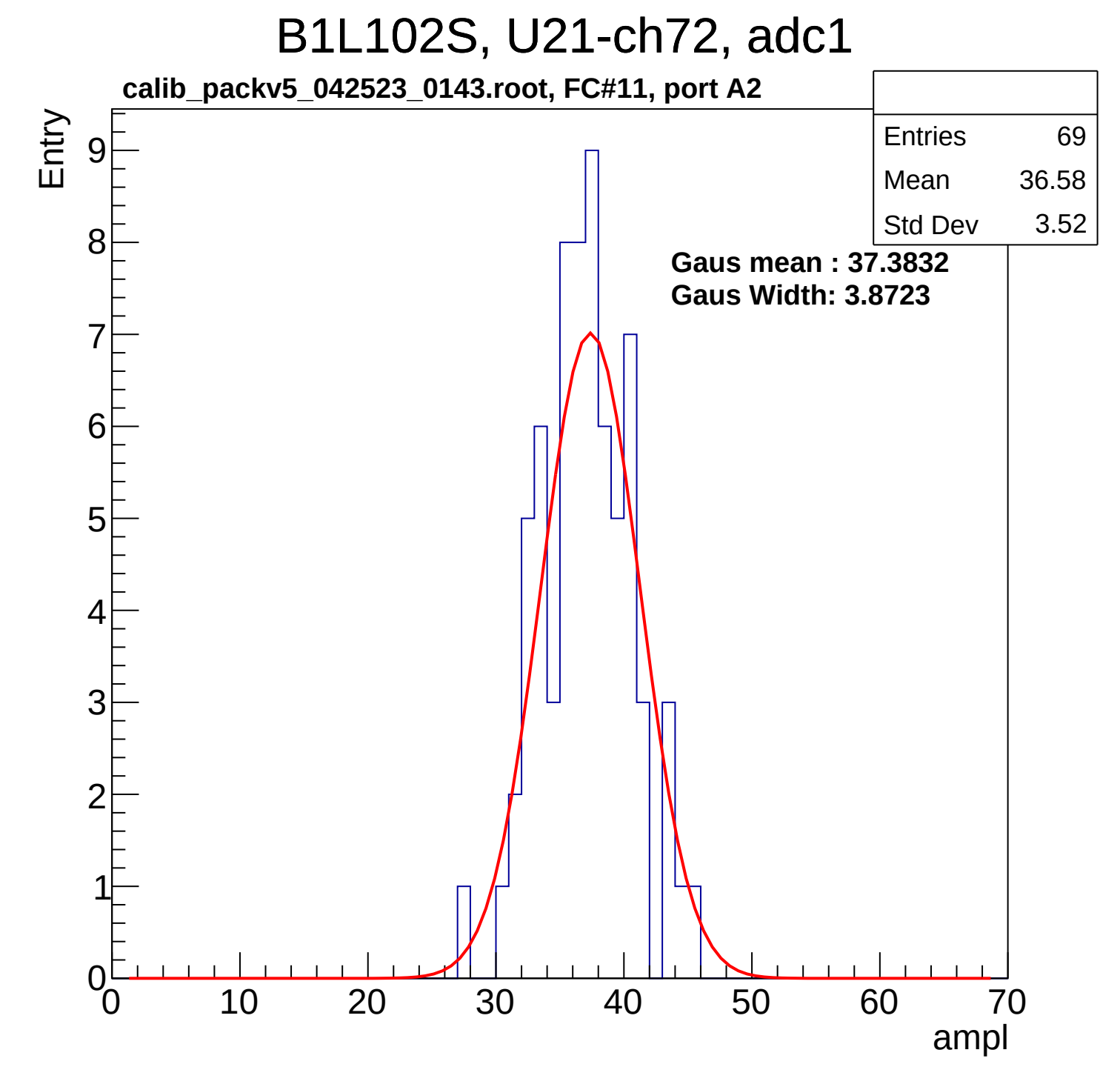
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch72, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 36.58
Std Dev 3.52
Gaus mean : 37.3832
Gaus Width: 3.8723
Entry
ampl
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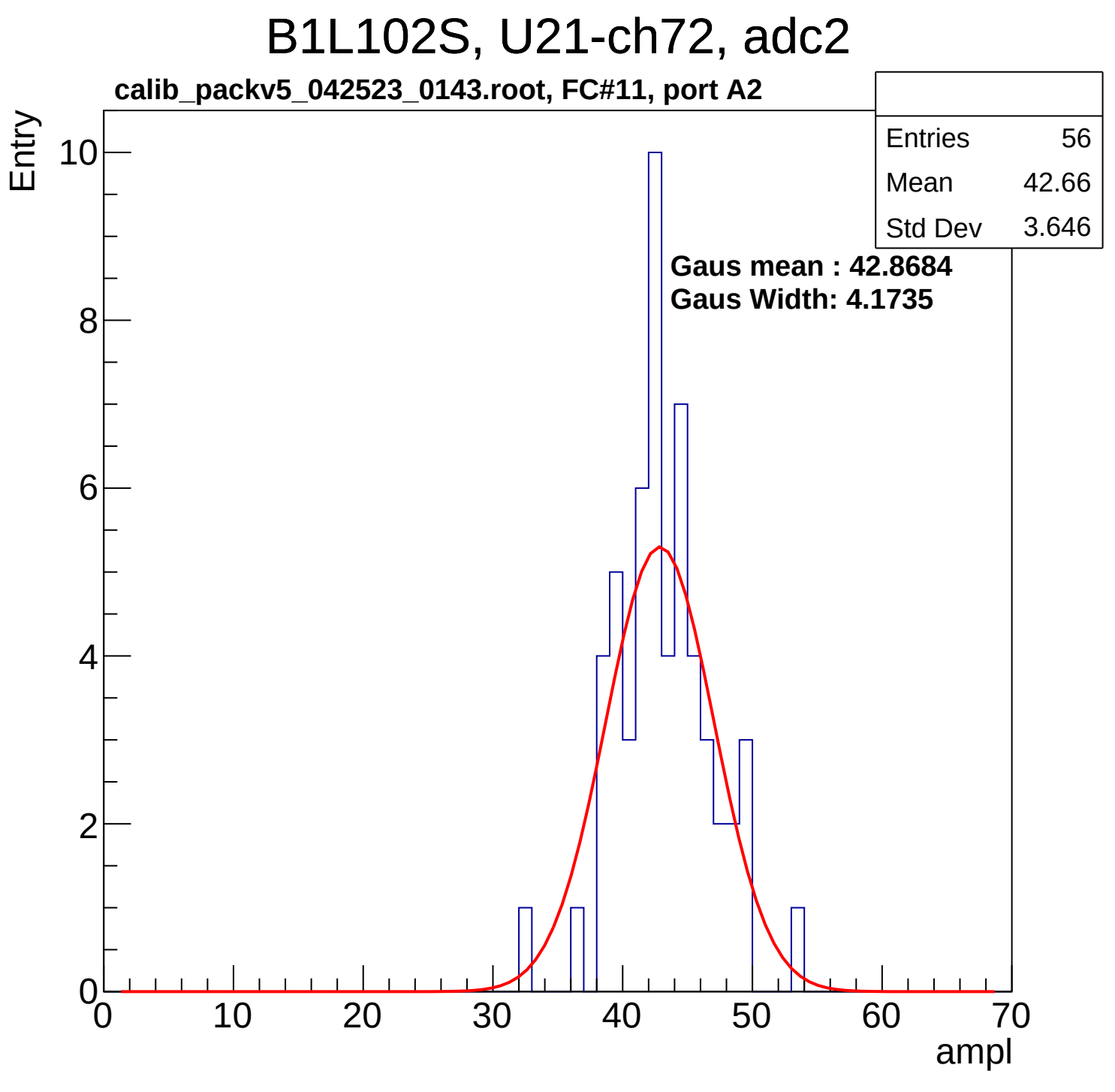
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch72, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 42.66
Std Dev 3.646
Gaus mean : 42.8684
Gaus Width: 4.1735
Entry
ampl
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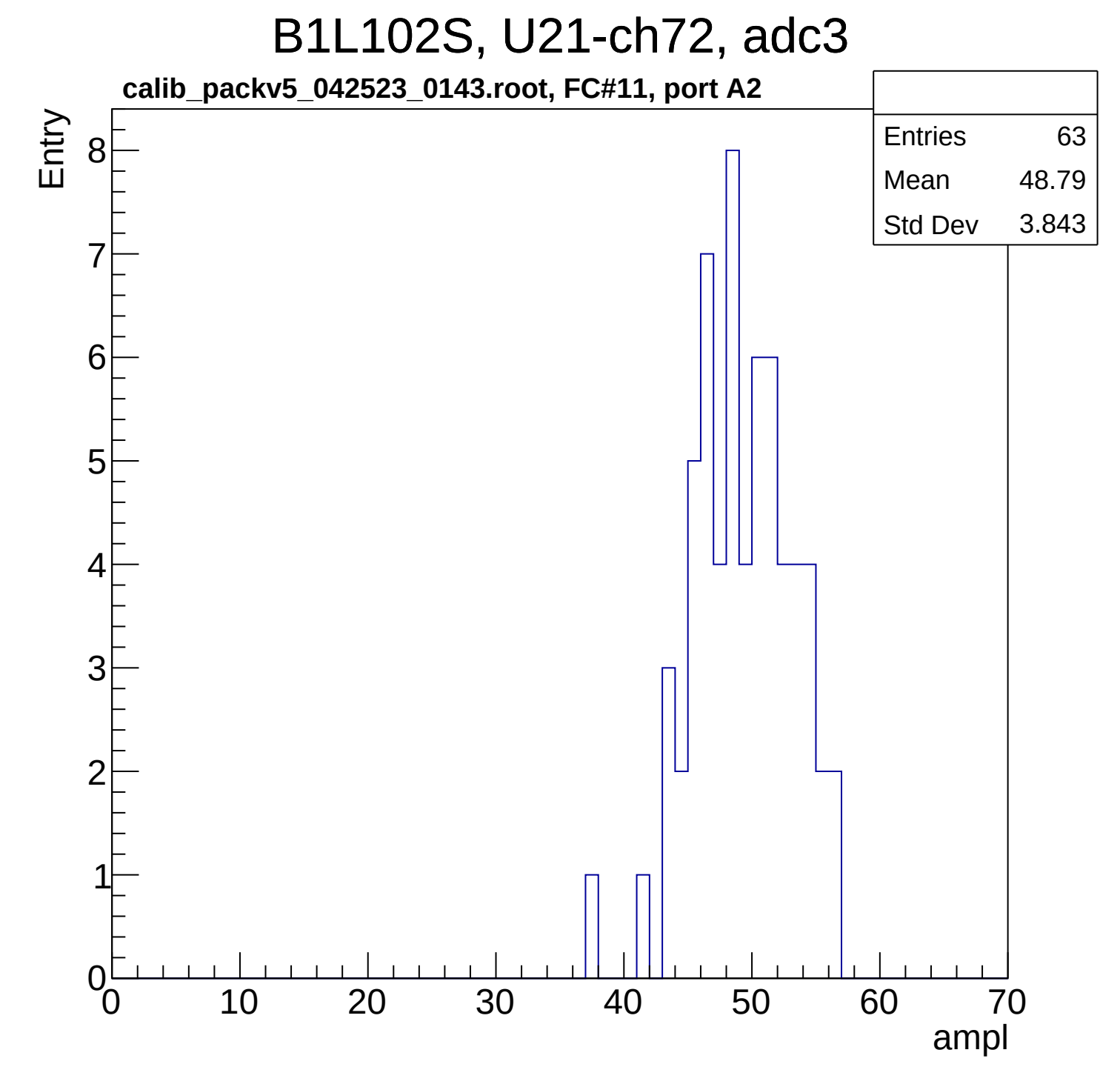
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch72, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 48.79
Std Dev 3.843
Entry
ampl
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2
3
4
5
6
7
8
0
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50
60
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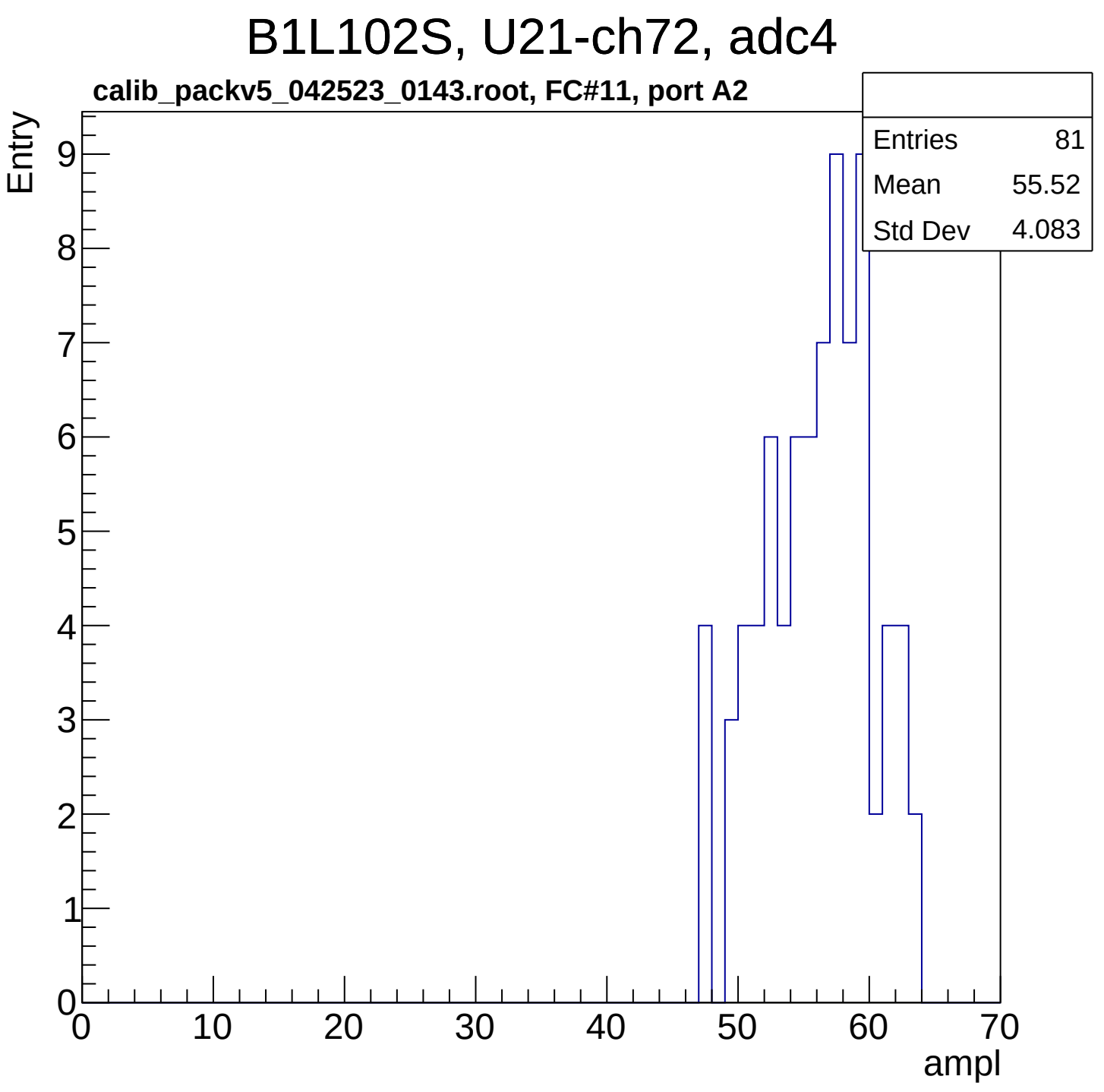
B1L102S, U21-ch72, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 81
Mean 55.52
Std Dev 4.083
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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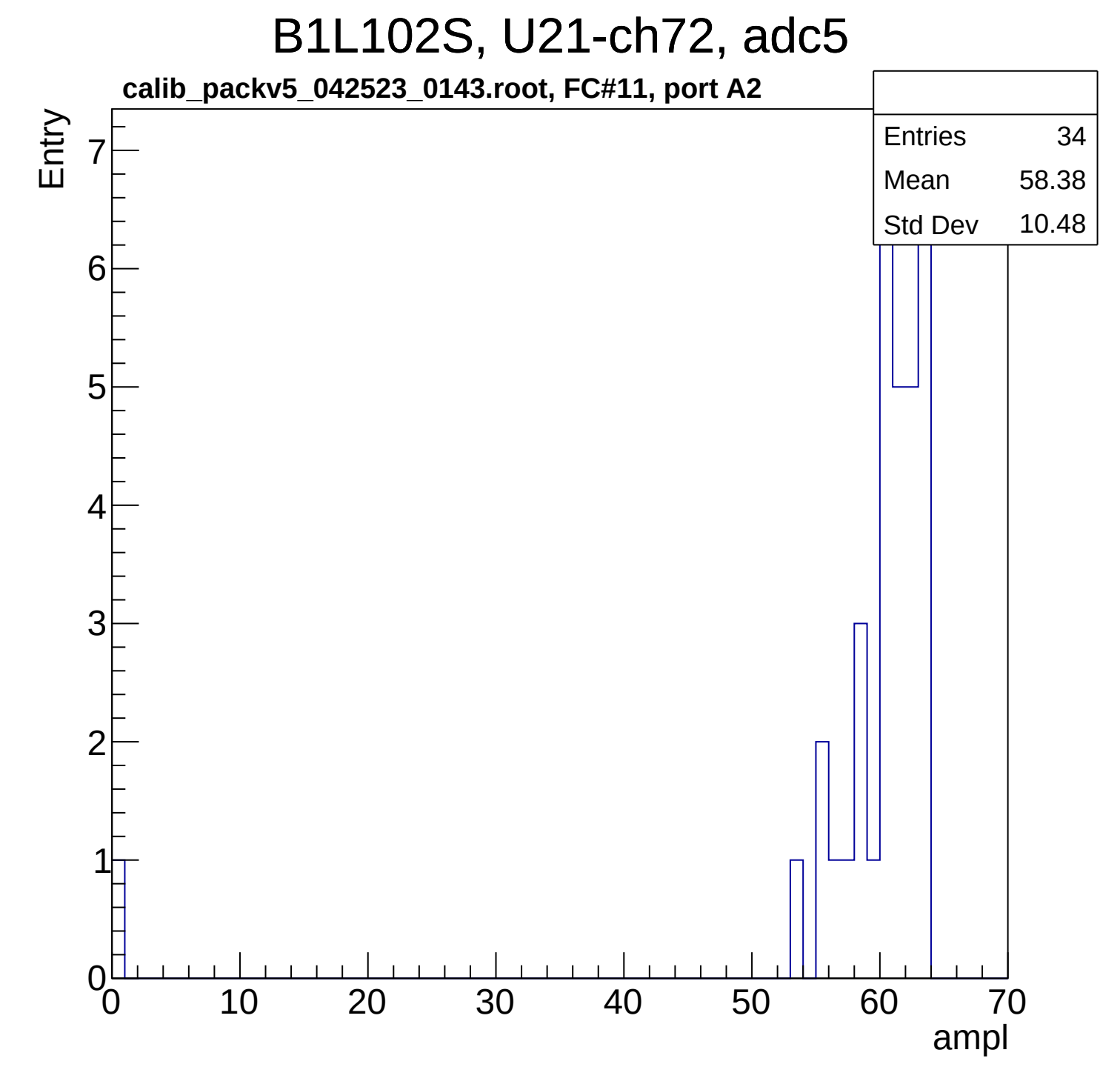
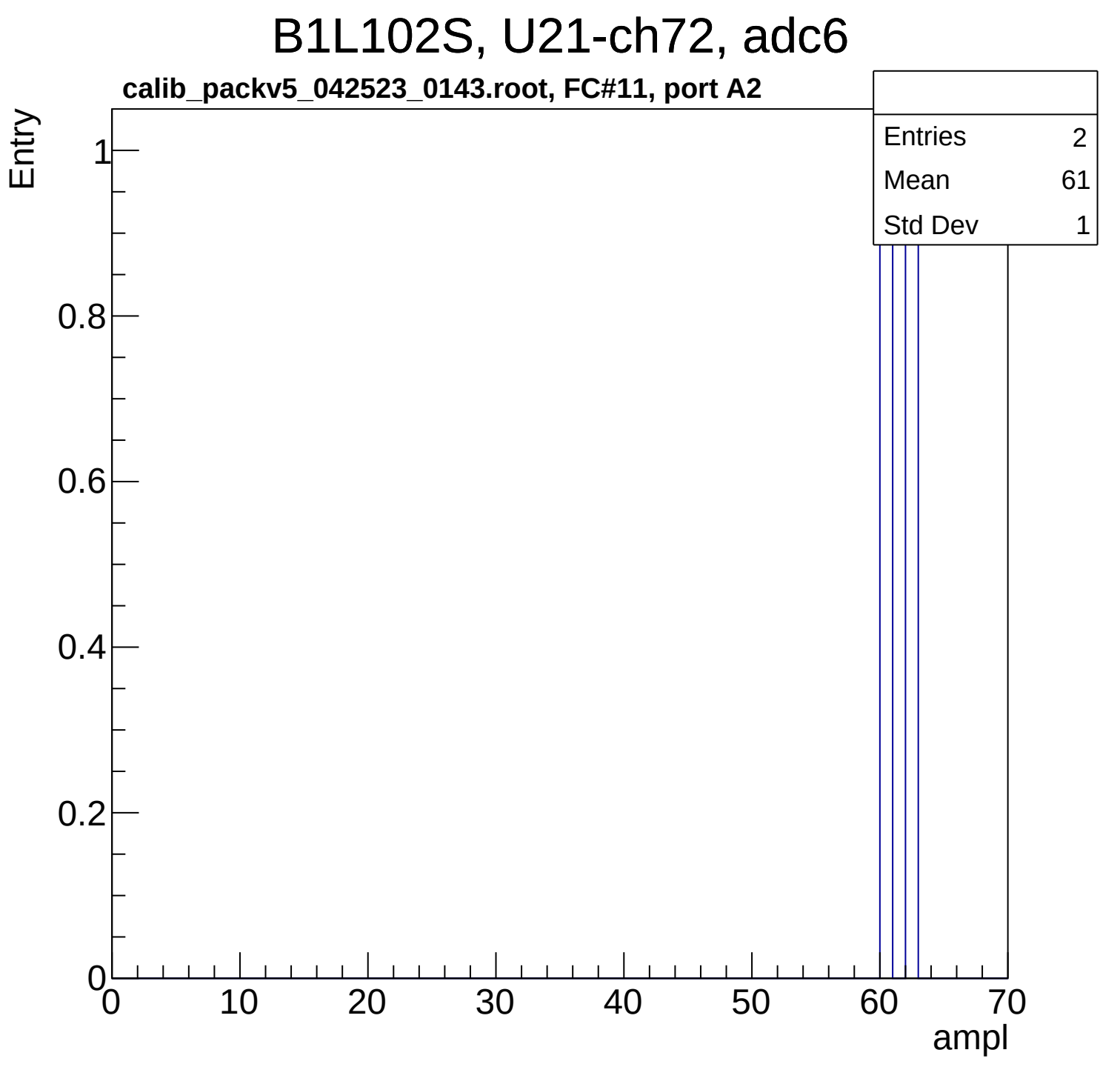
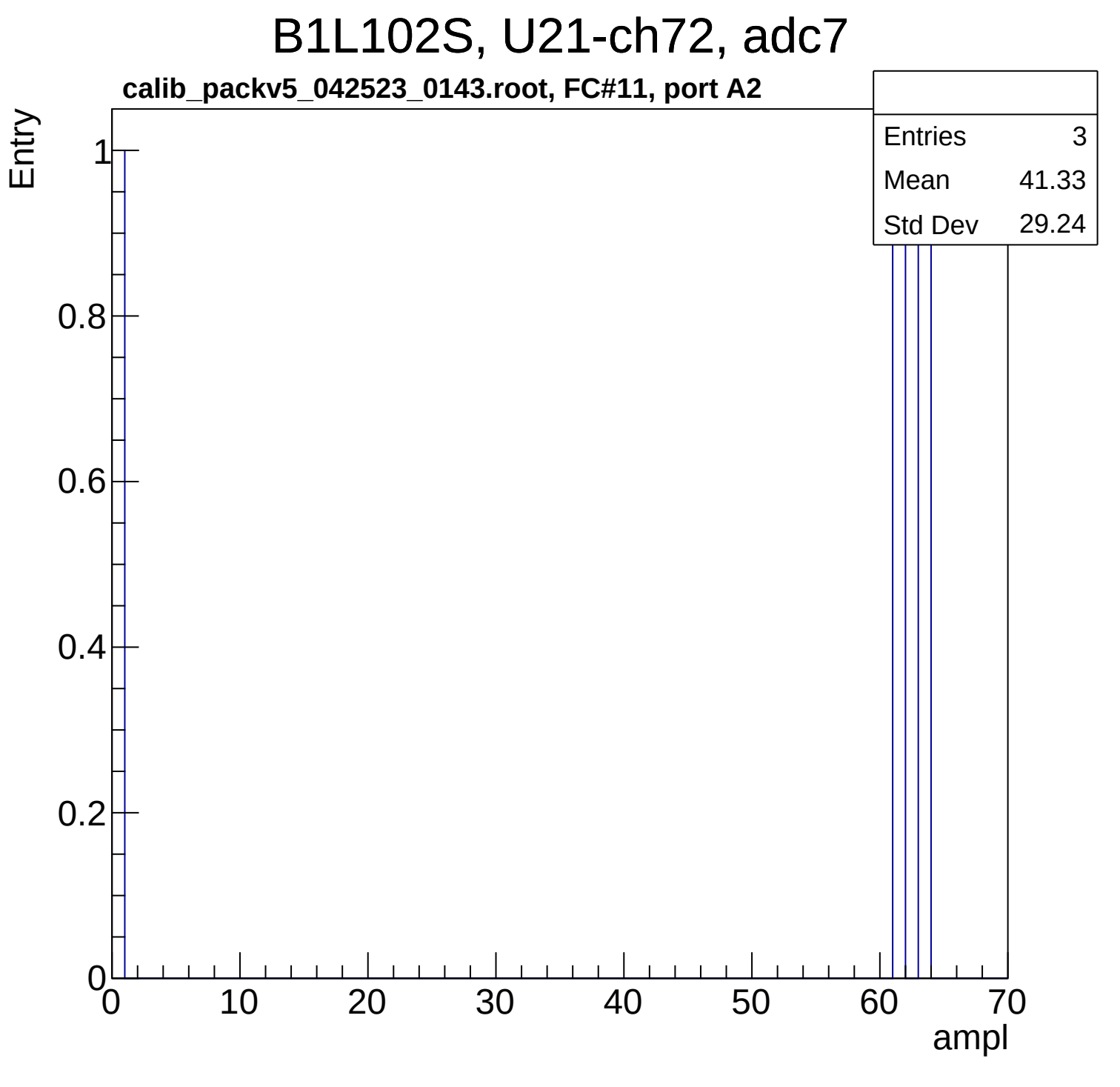

B1L102S, U21-ch72, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 34
Mean 58.38
Std Dev 10.48
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch72, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 61
Std Dev 1
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch72, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 41.33
Std Dev 29.24
Entry
ampl
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0.6
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0
10
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40
50
60
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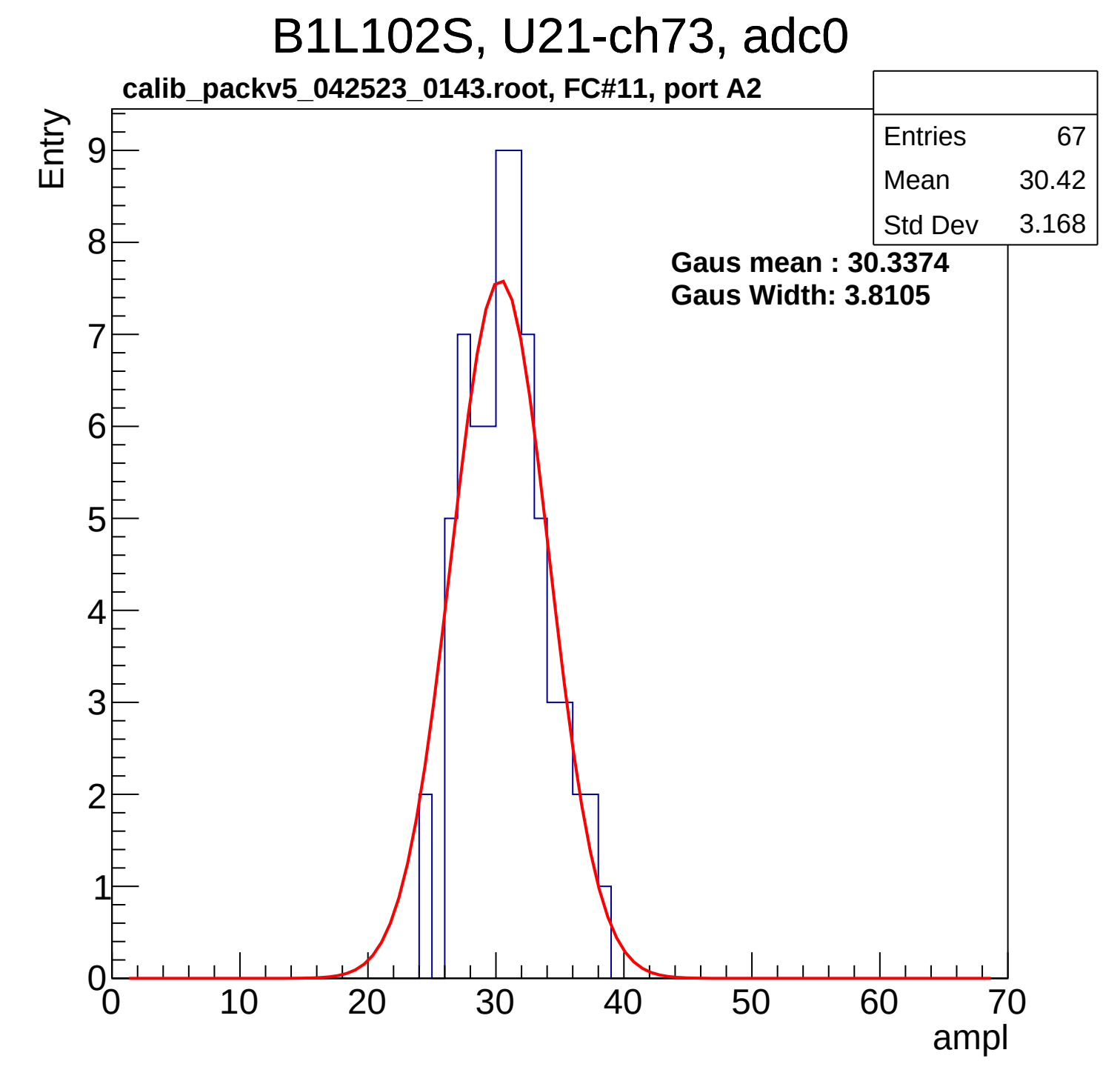
B1L102S, U21-ch73, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 30.42
Std Dev 3.168
Gaus mean : 30.3374
Gaus Width: 3.8105
Entry
ampl
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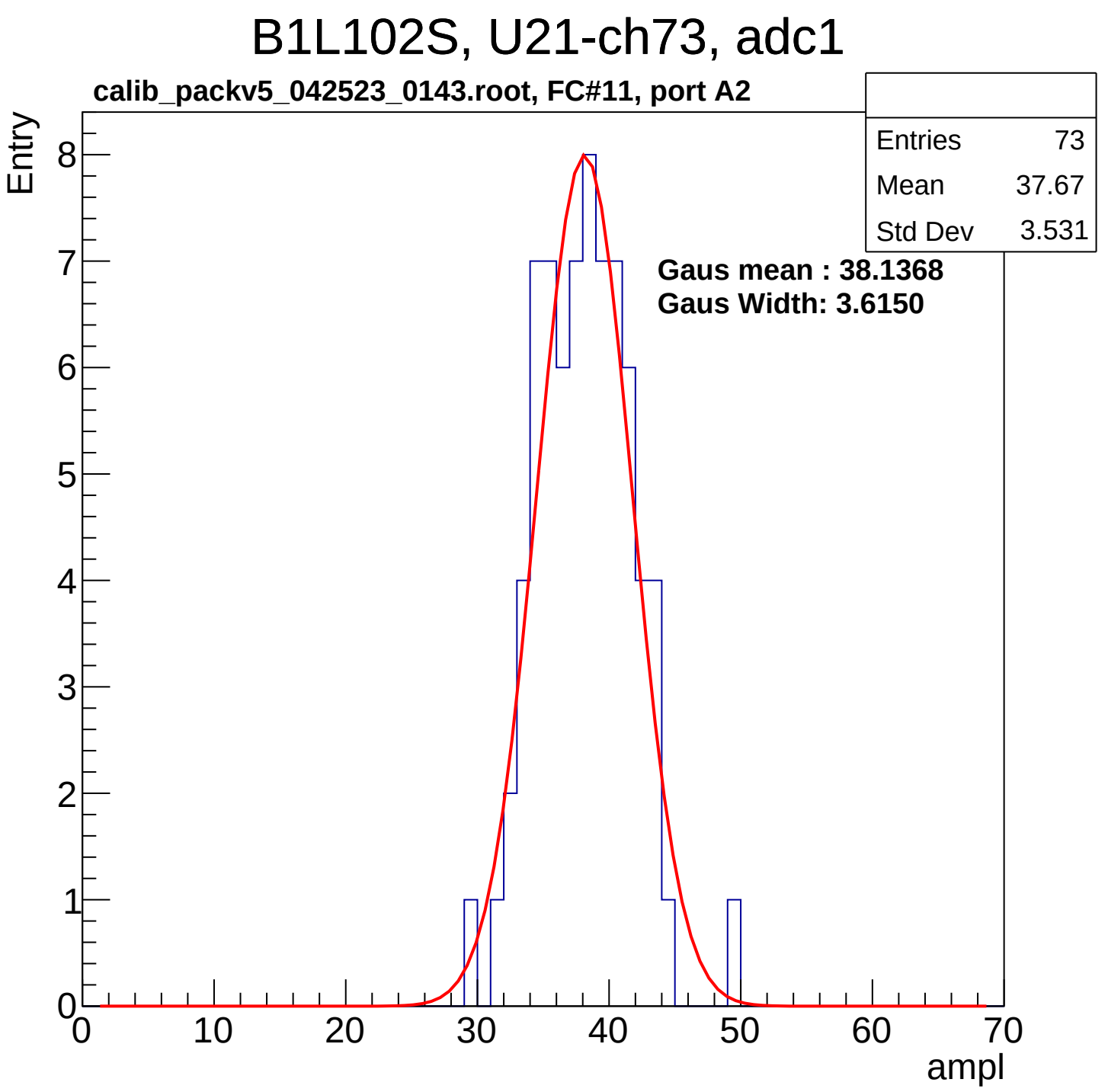
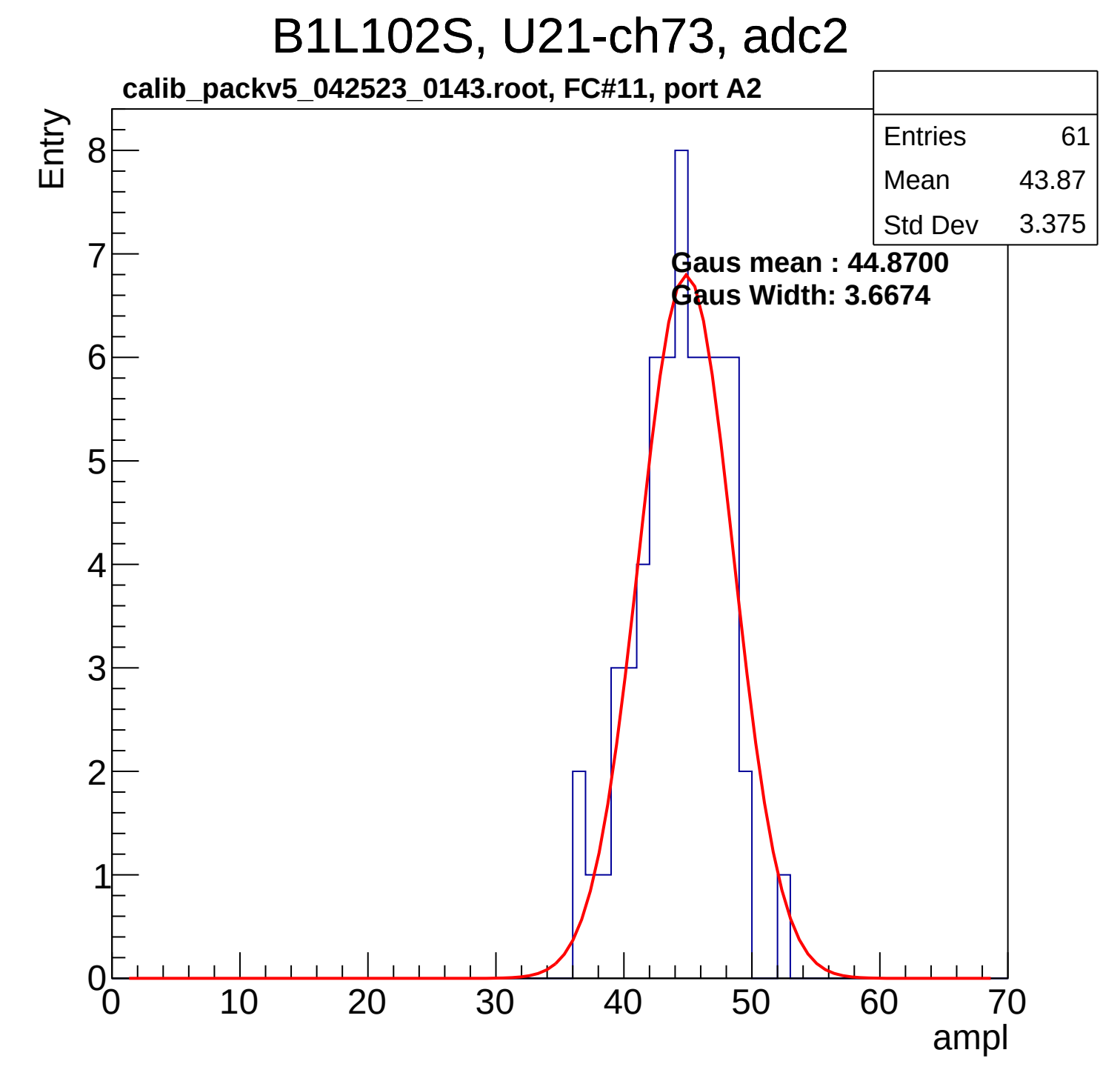
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch73, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 37.67
Std Dev 3.531
Gaus mean : 38.1368
Gaus Width: 3.6150
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch73, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 43.87
Std Dev 3.375
Gaus mean : 44.8700
Gaus Width: 3.6674
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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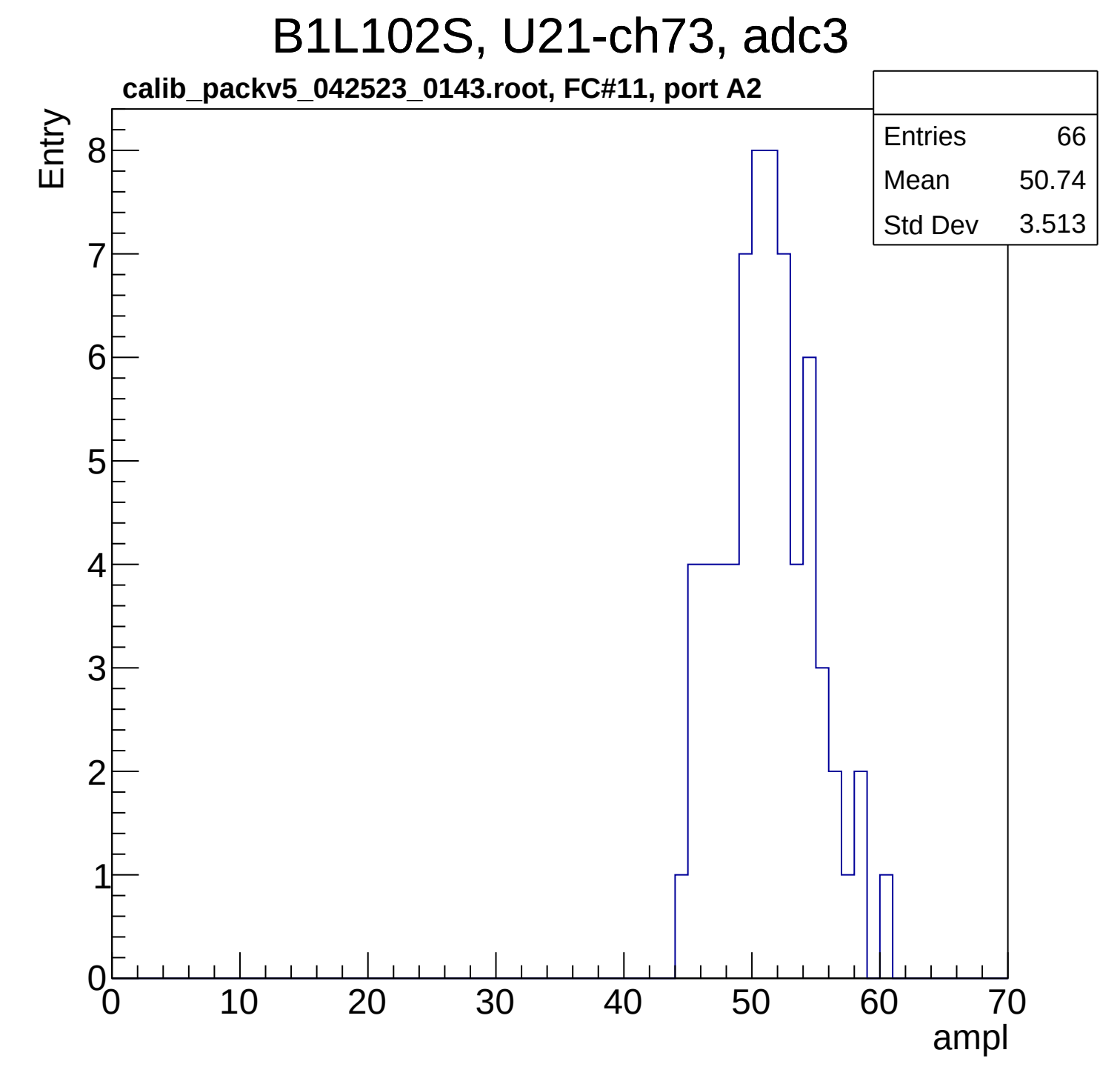
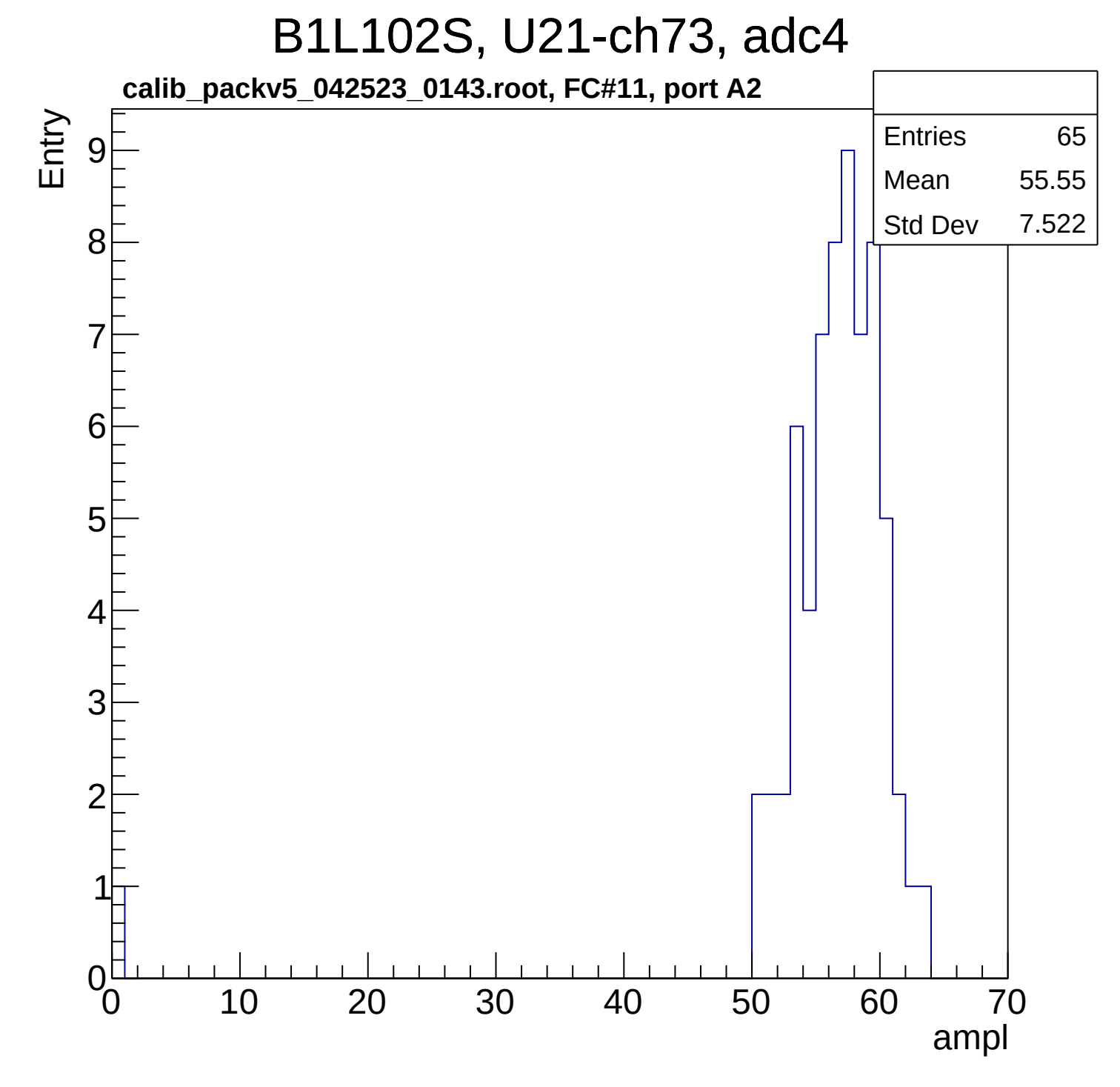
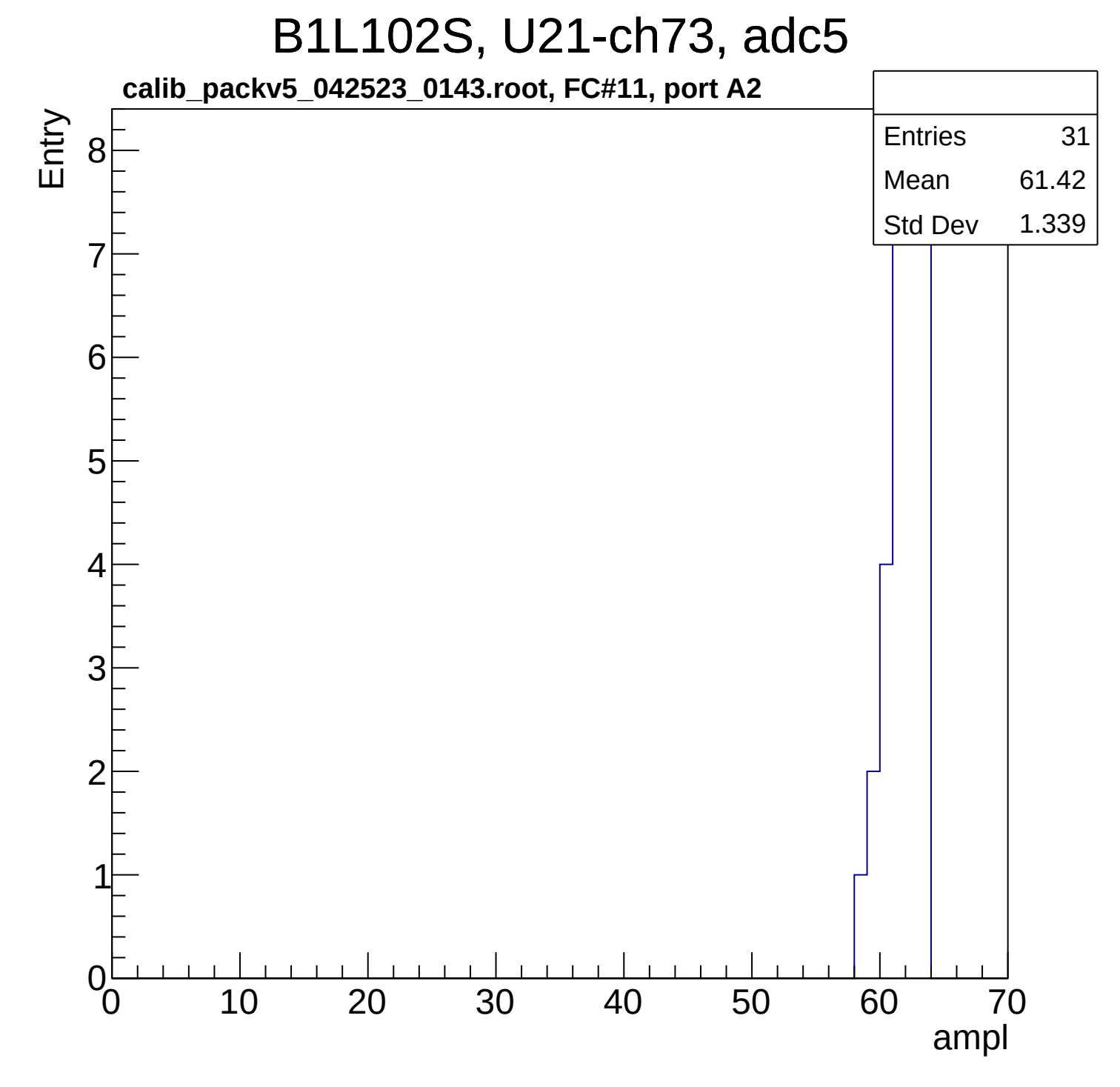
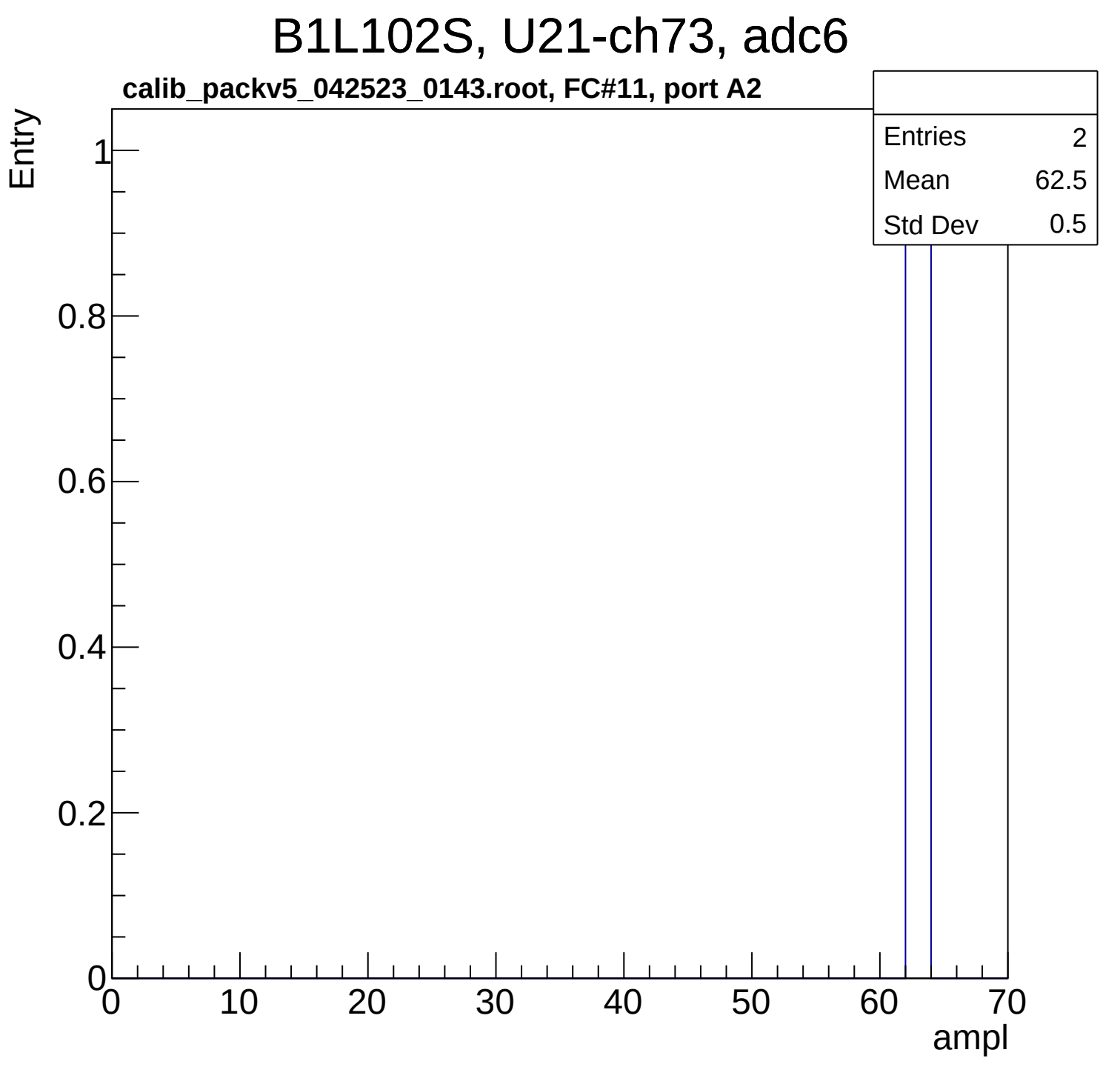
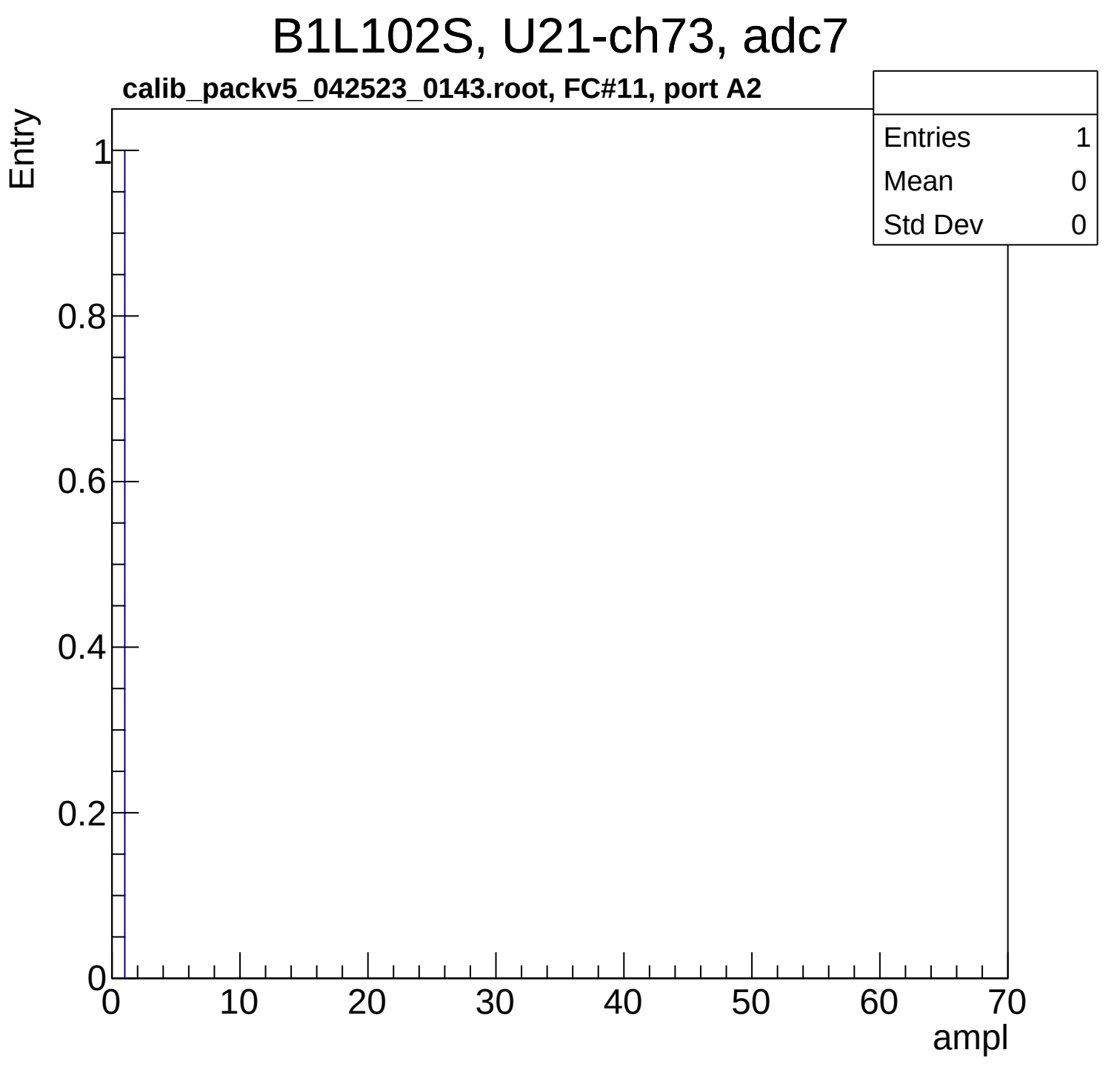
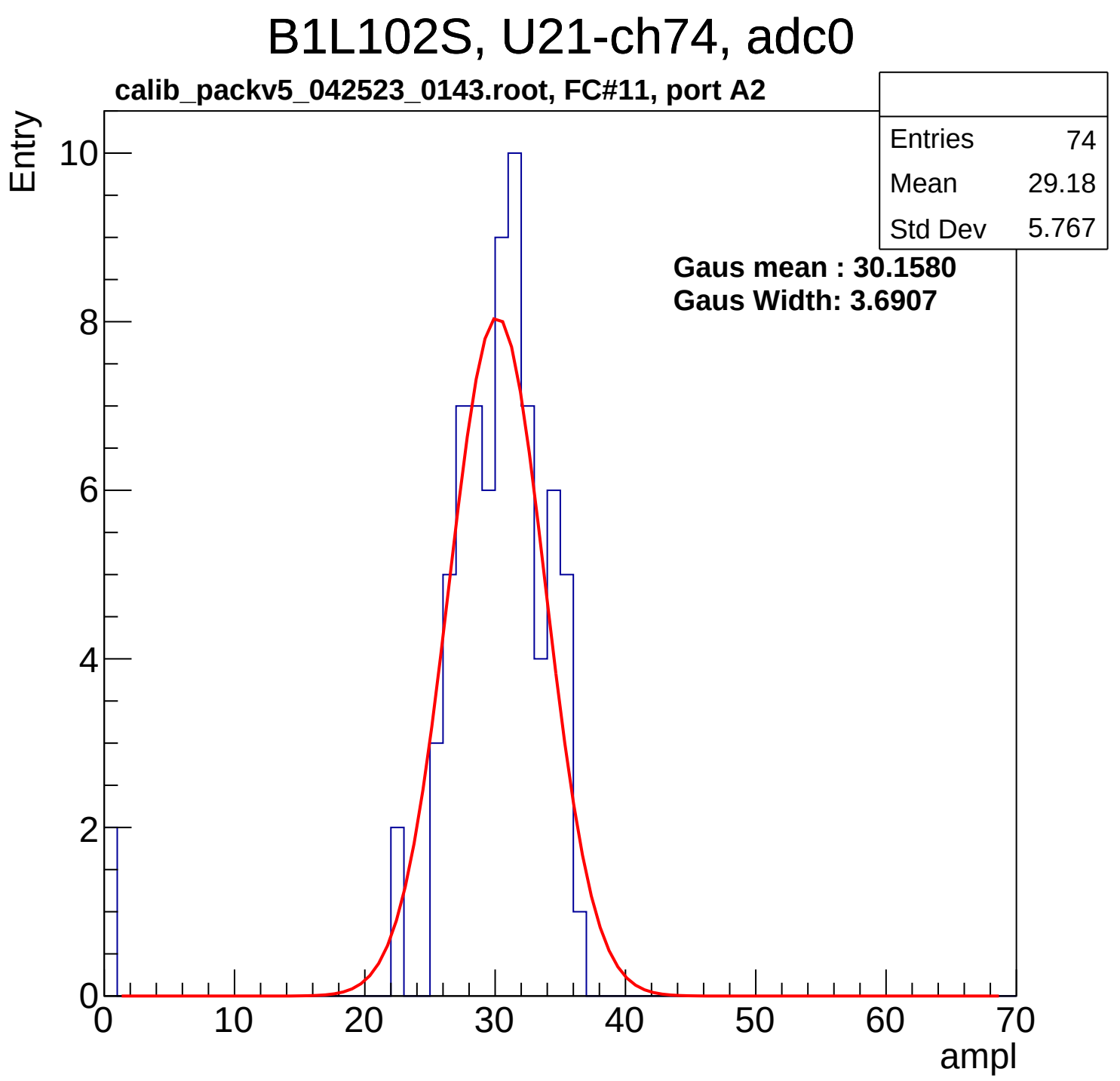

B1L102S, U21-ch73, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 50.74
Std Dev 3.513
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

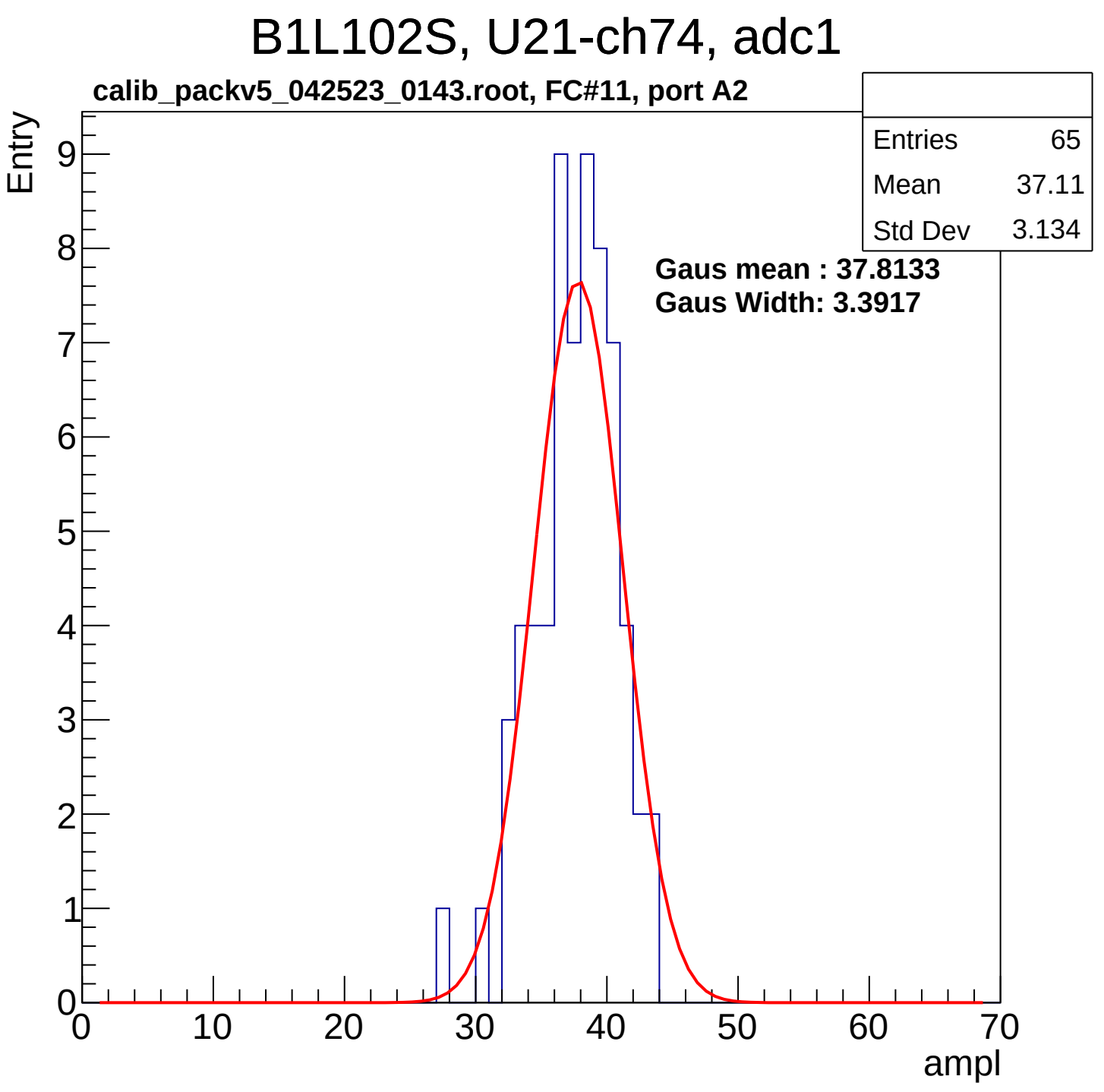

B1L102S, U21-ch73, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 55.55
Std Dev 7.522
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

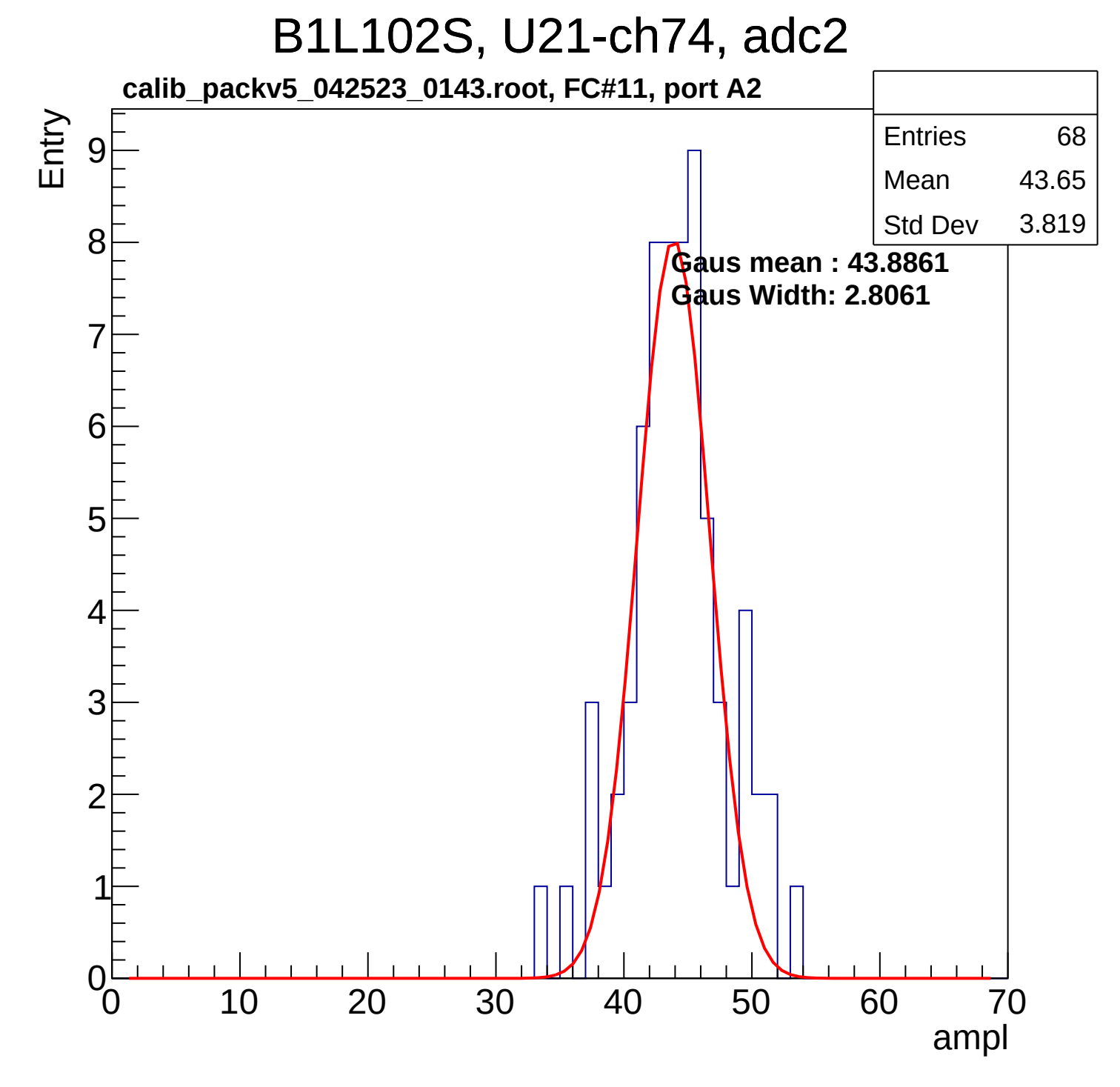

B1L102S, U21-ch73, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 31
Mean 61.42
Std Dev 1.339
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

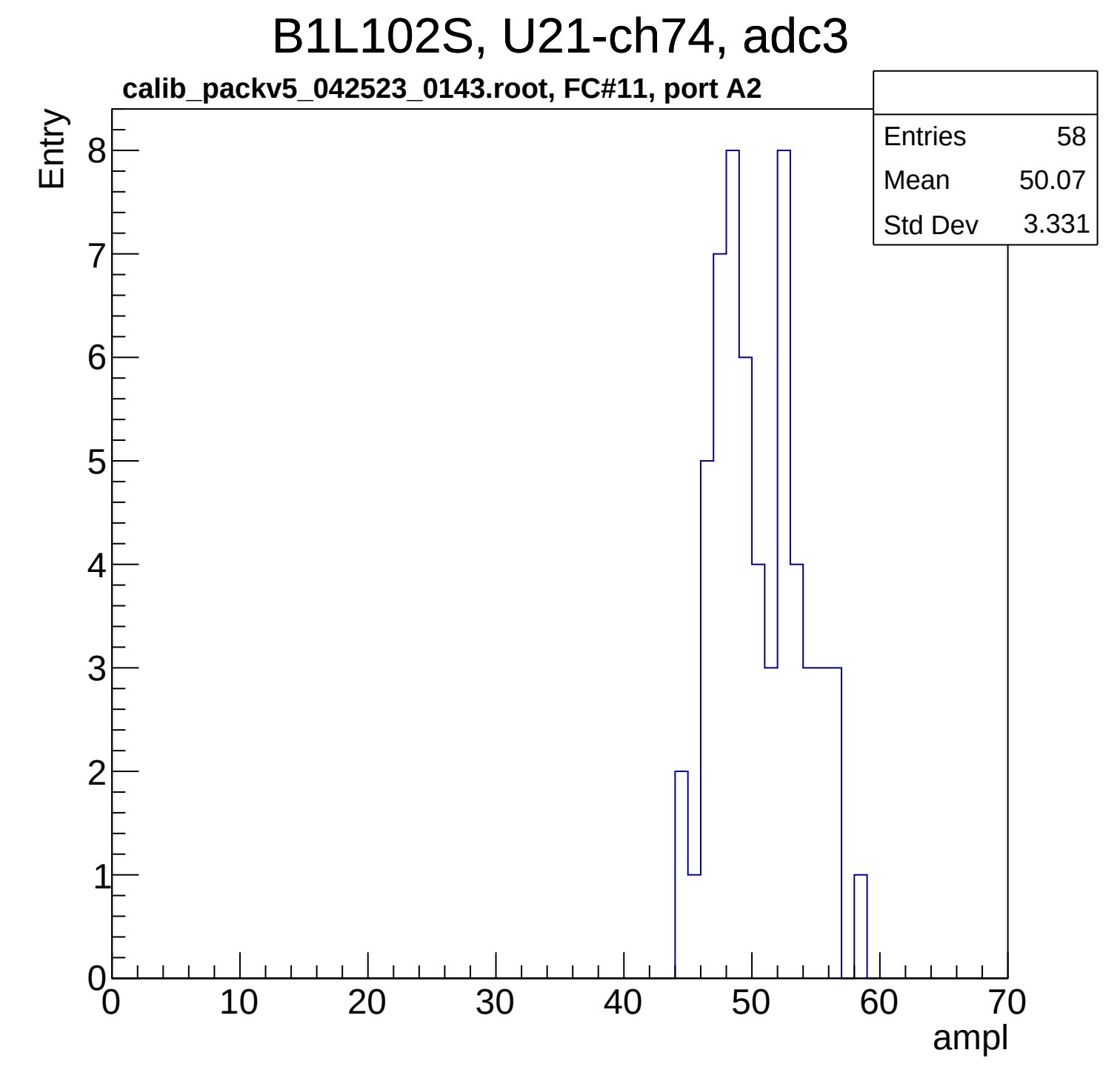

B1L102S, U21-ch73, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 62.5
Std Dev 0.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

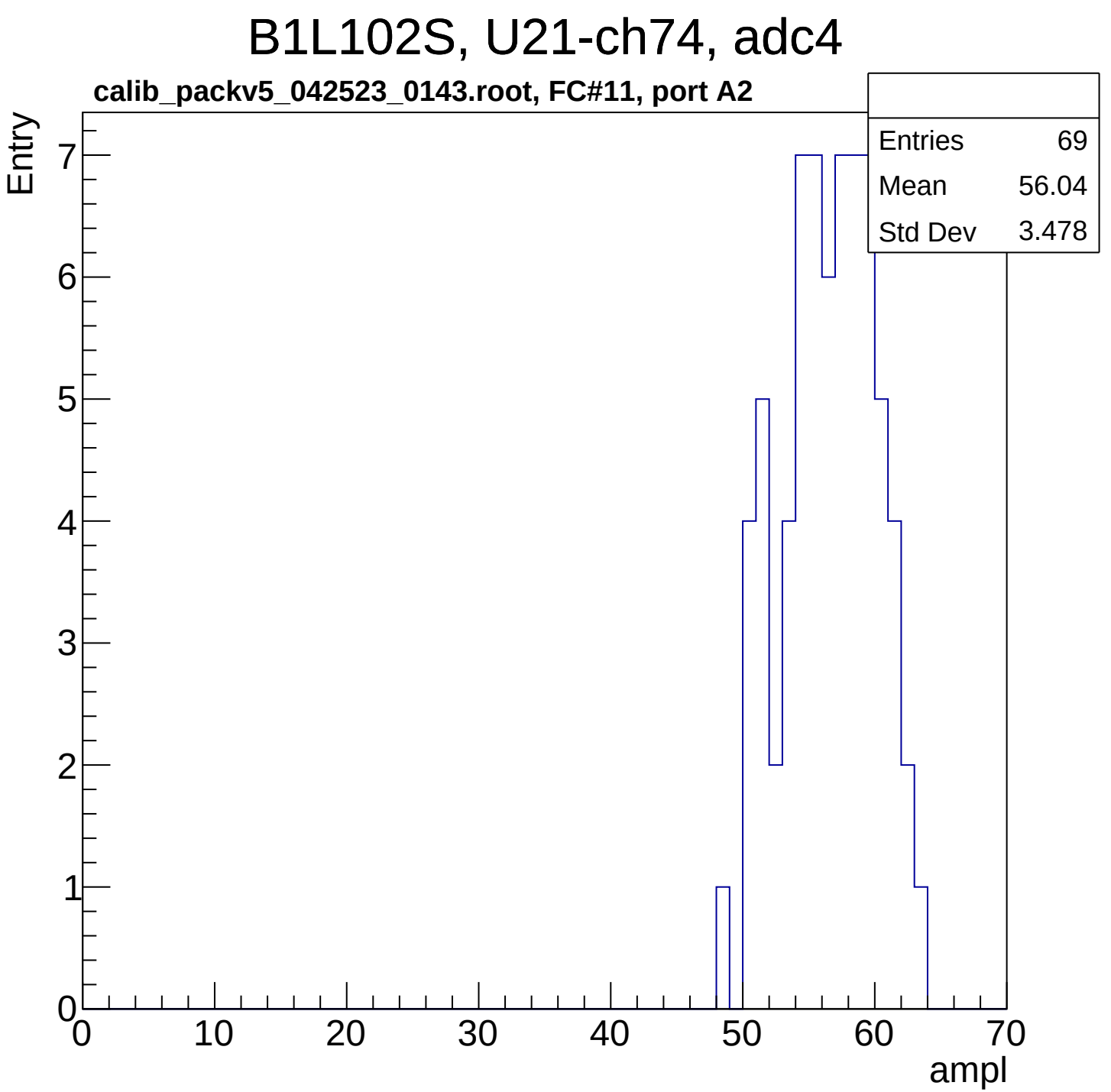

B1L102S, U21-ch73, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch74, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 29.18
Std Dev 5.767
Gaus mean : 30.1580
Gaus Width: 3.6907
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch74, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 37.11
Std Dev 3.134
Gaus mean : 37.8133
Gaus Width: 3.3917
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch74, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 43.65
Std Dev 3.819
Gaus mean : 43.8861
Gaus Width: 2.8061
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch74, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 50.07
Std Dev 3.331
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch74, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 56.04
Std Dev 3.478
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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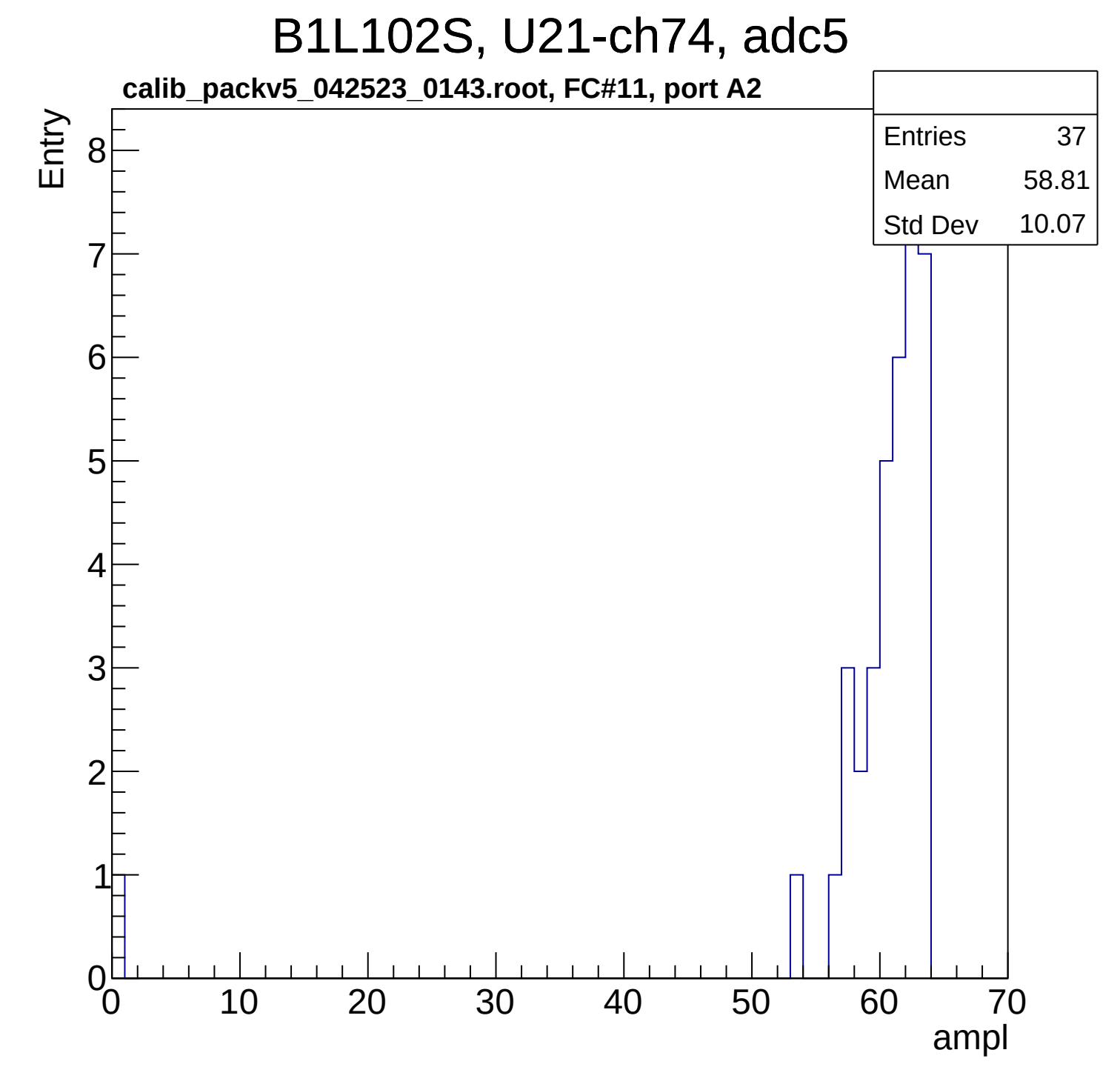
B1L102S, U21-ch74, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 37
Mean 58.81
Std Dev 10.07
Entry
ampl
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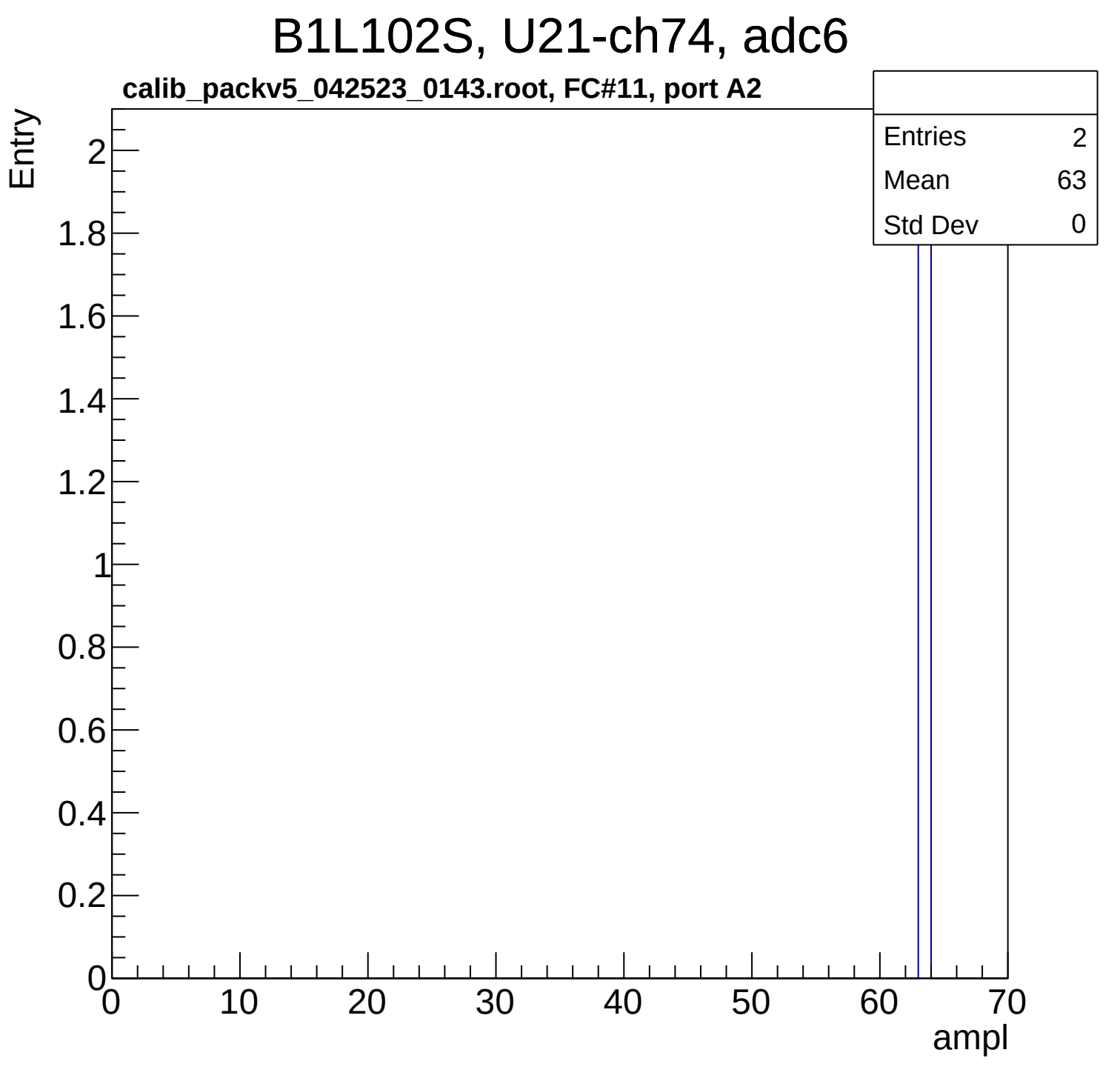
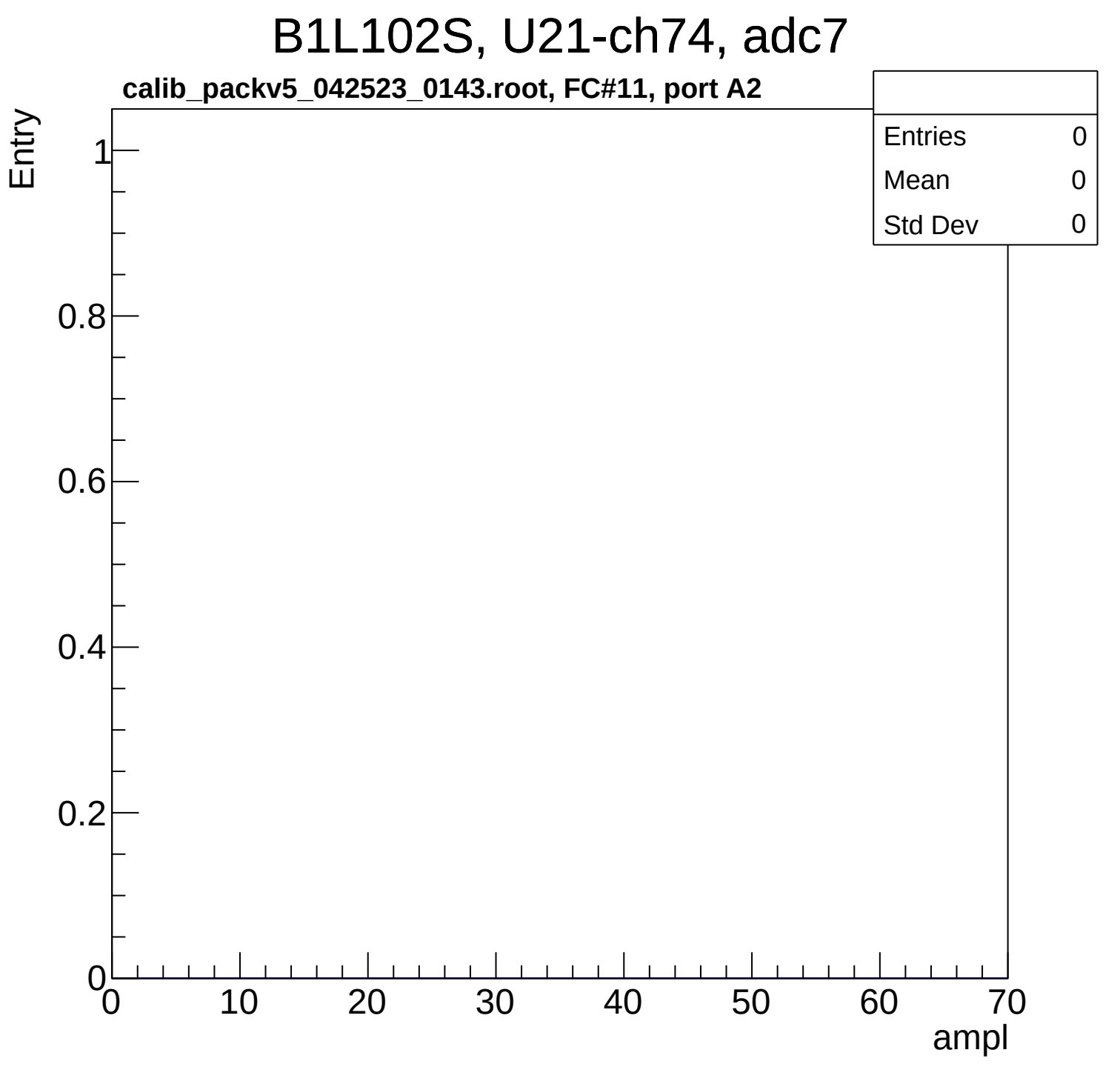
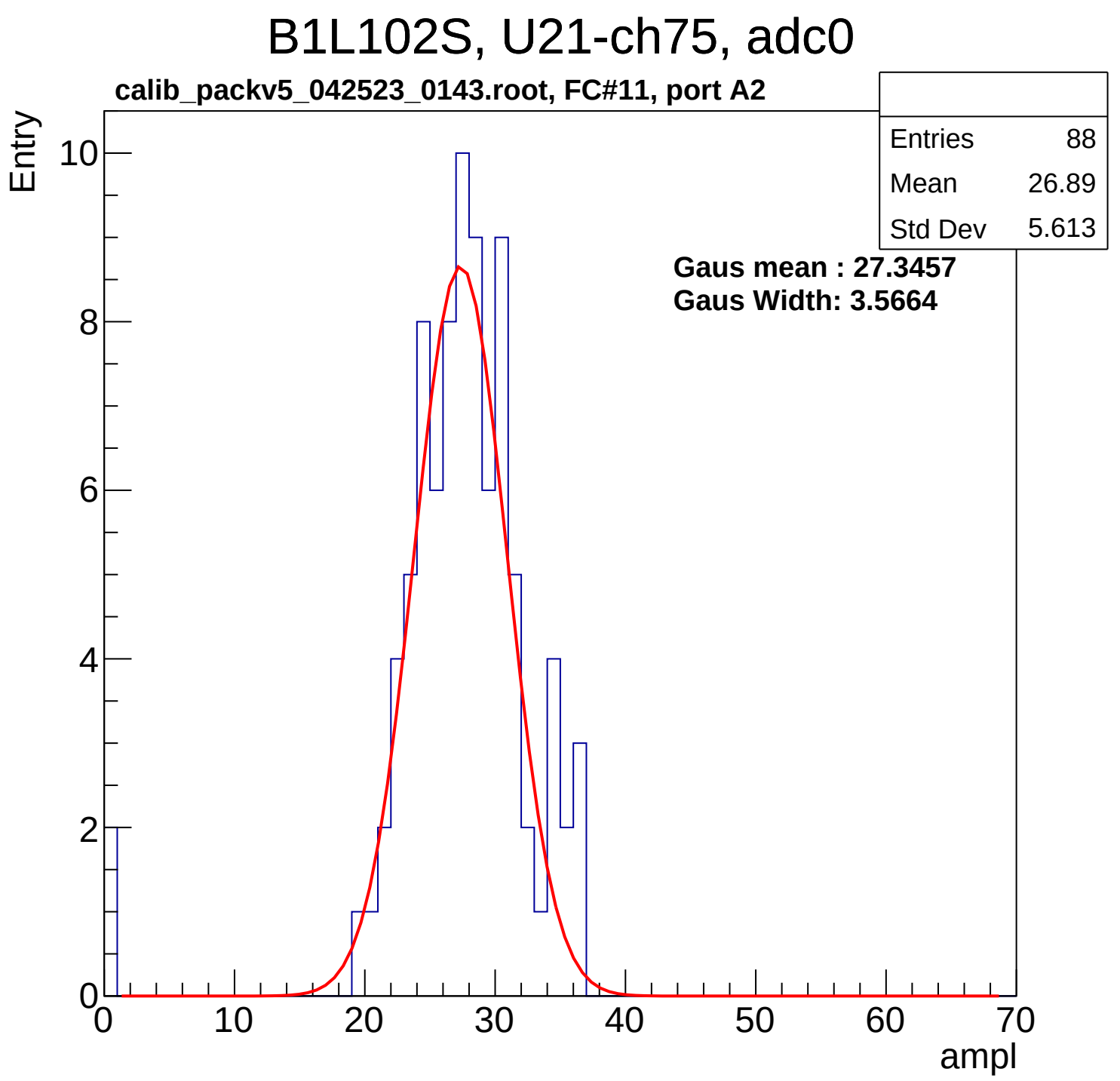
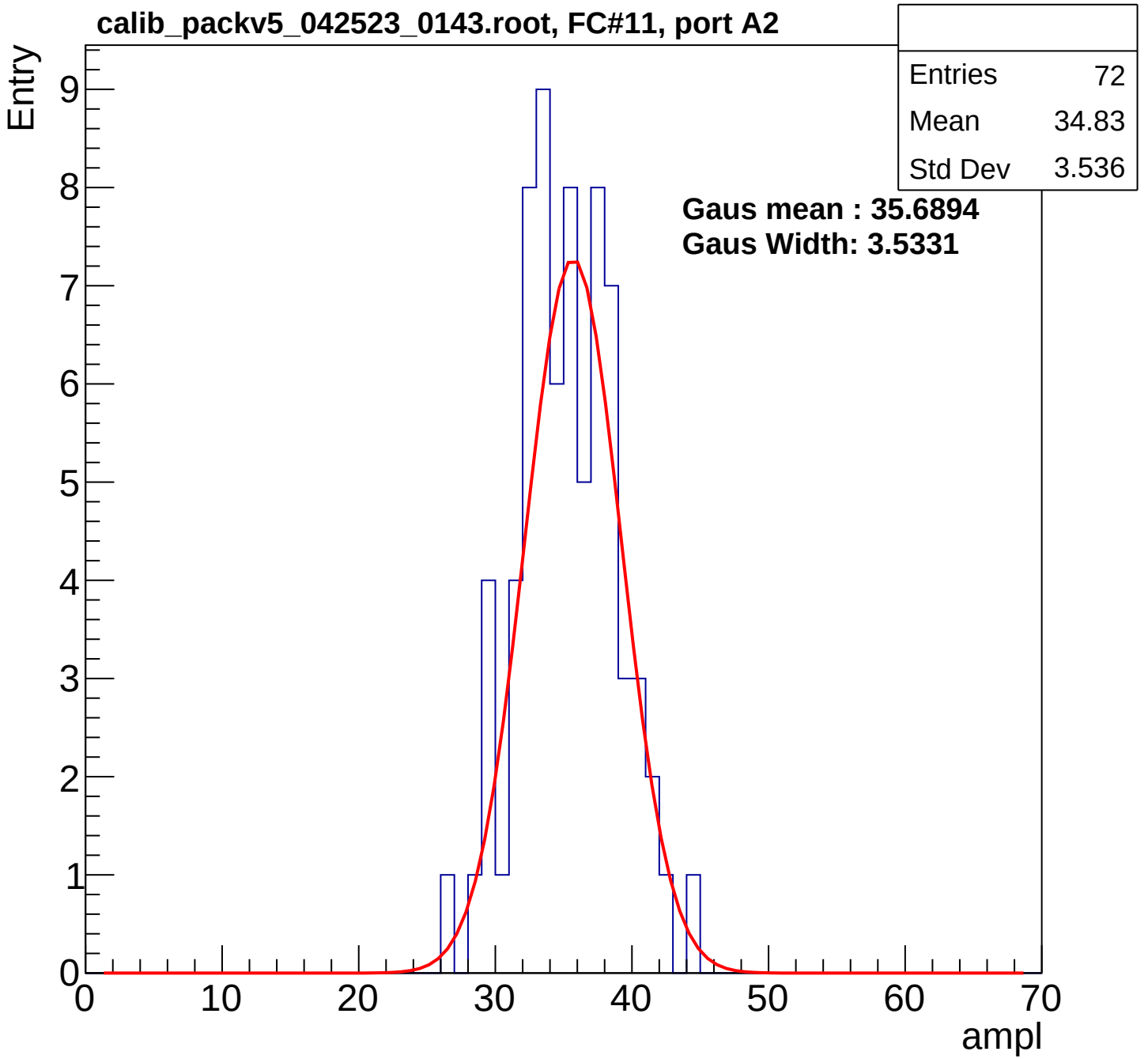
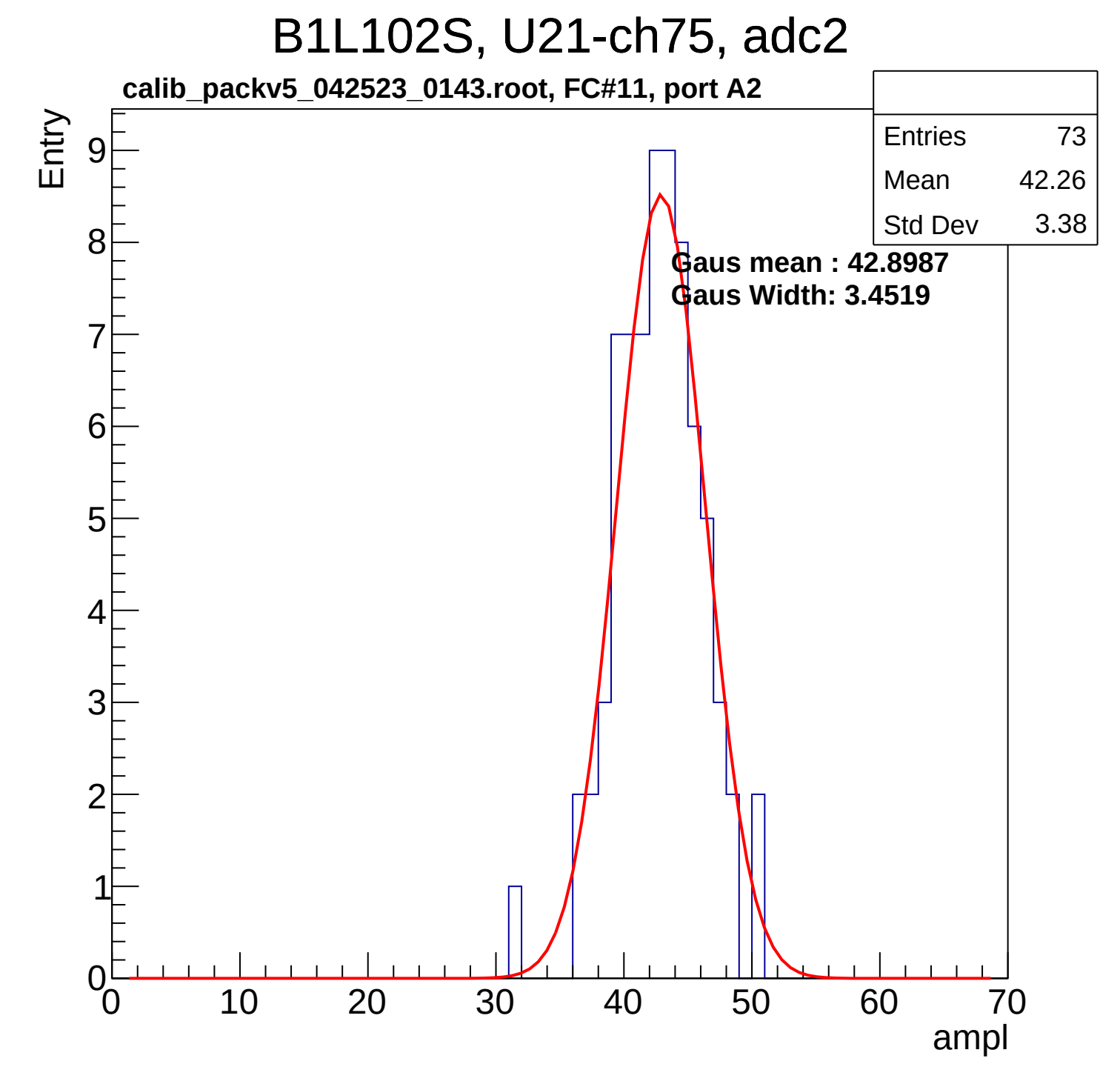
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

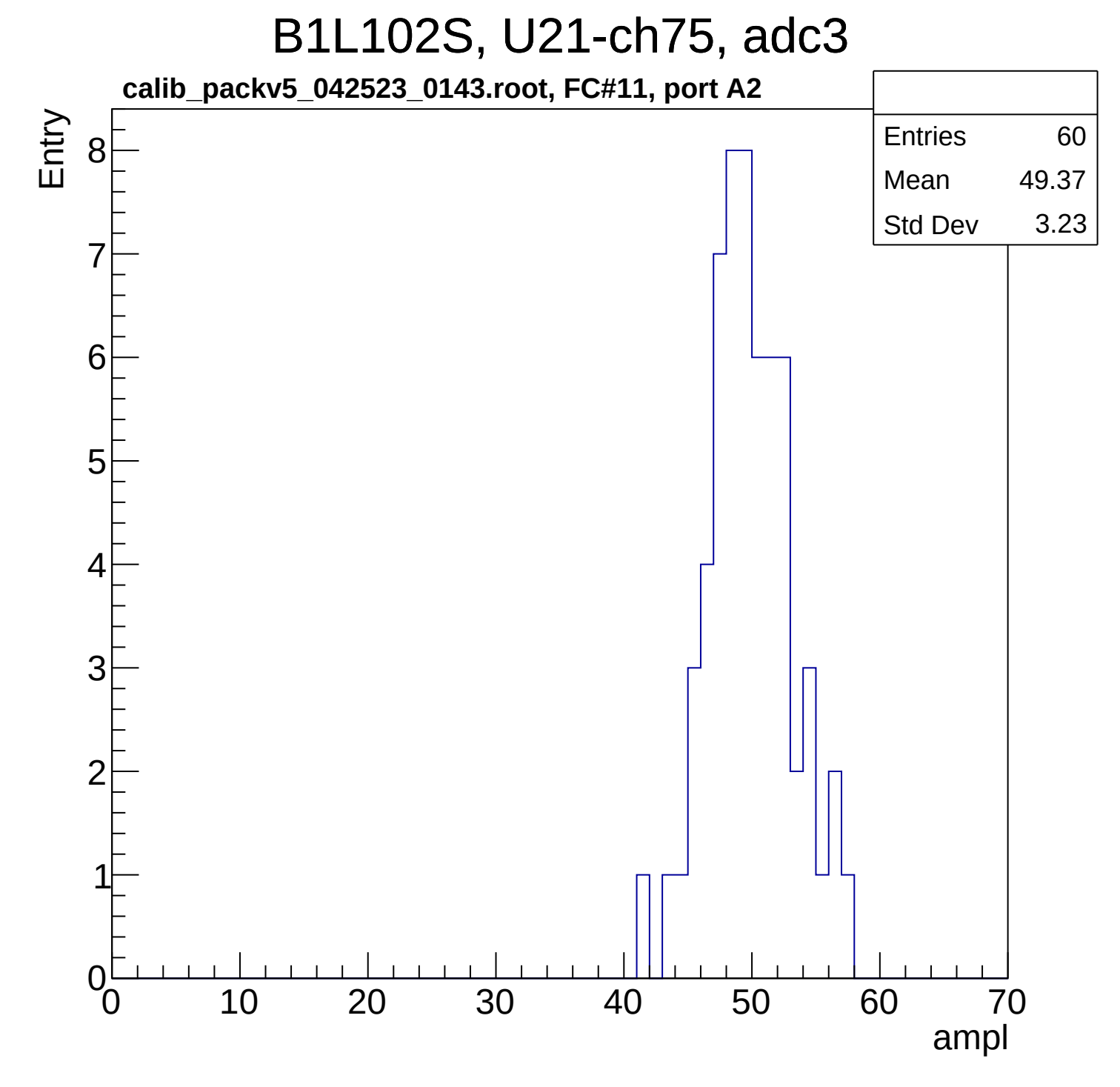

B1L102S, U21-ch74, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 63
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L102S, U21-ch74, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch75, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 88
Mean 26.89
Std Dev 5.613
Gaus mean : 27.3457
Gaus Width: 3.5664
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch75, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 34.83
Std Dev 3.536
Gaus mean : 35.6894
Gaus Width: 3.5331
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L102S, U21-ch75, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 42.26
Std Dev 3.38
Gaus mean : 42.8987
Gaus Width: 3.4519
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch75, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 49.37
Std Dev 3.23
Entry
ampl
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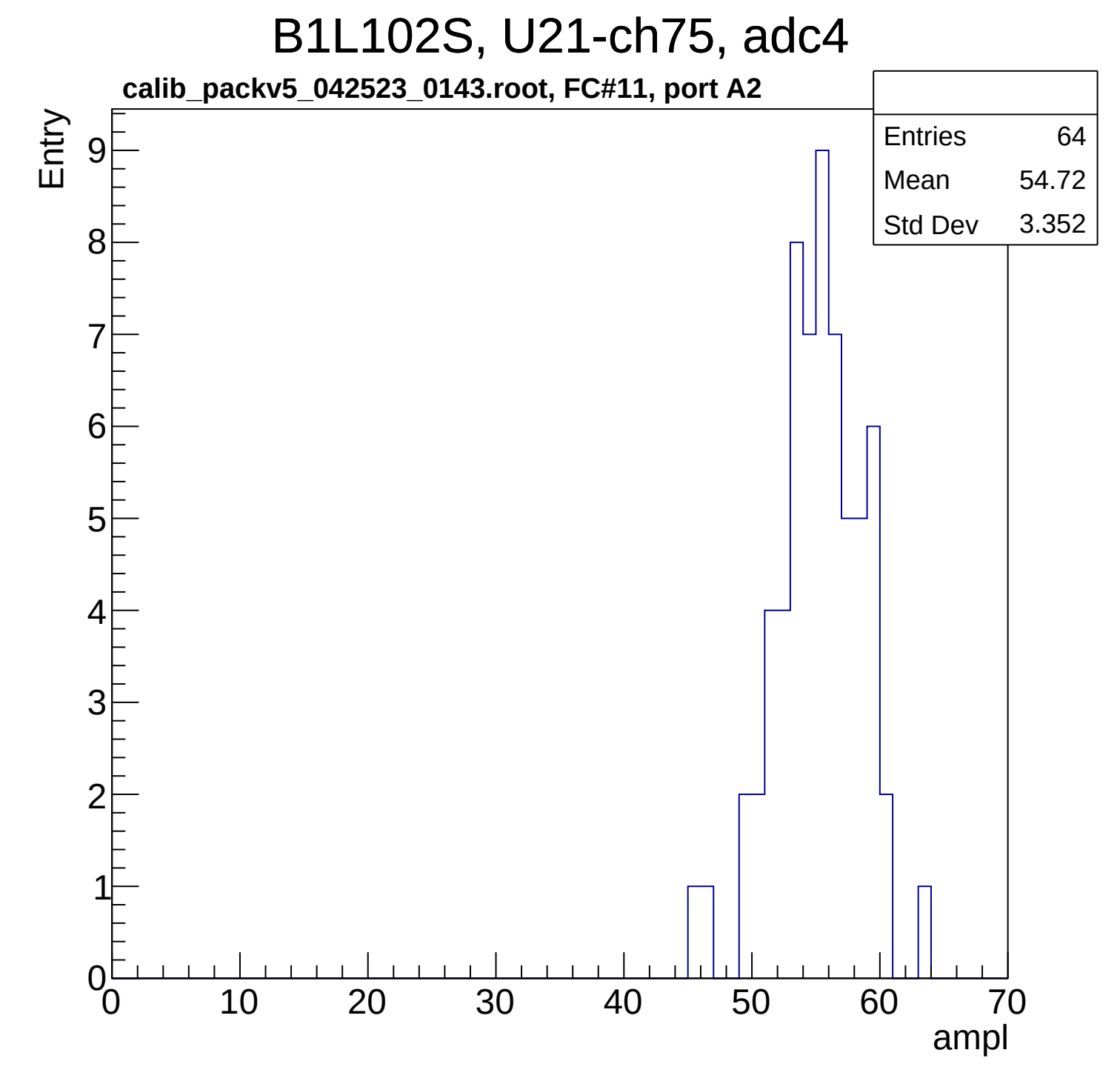
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch75, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 54.72
Std Dev 3.352
Entry
ampl
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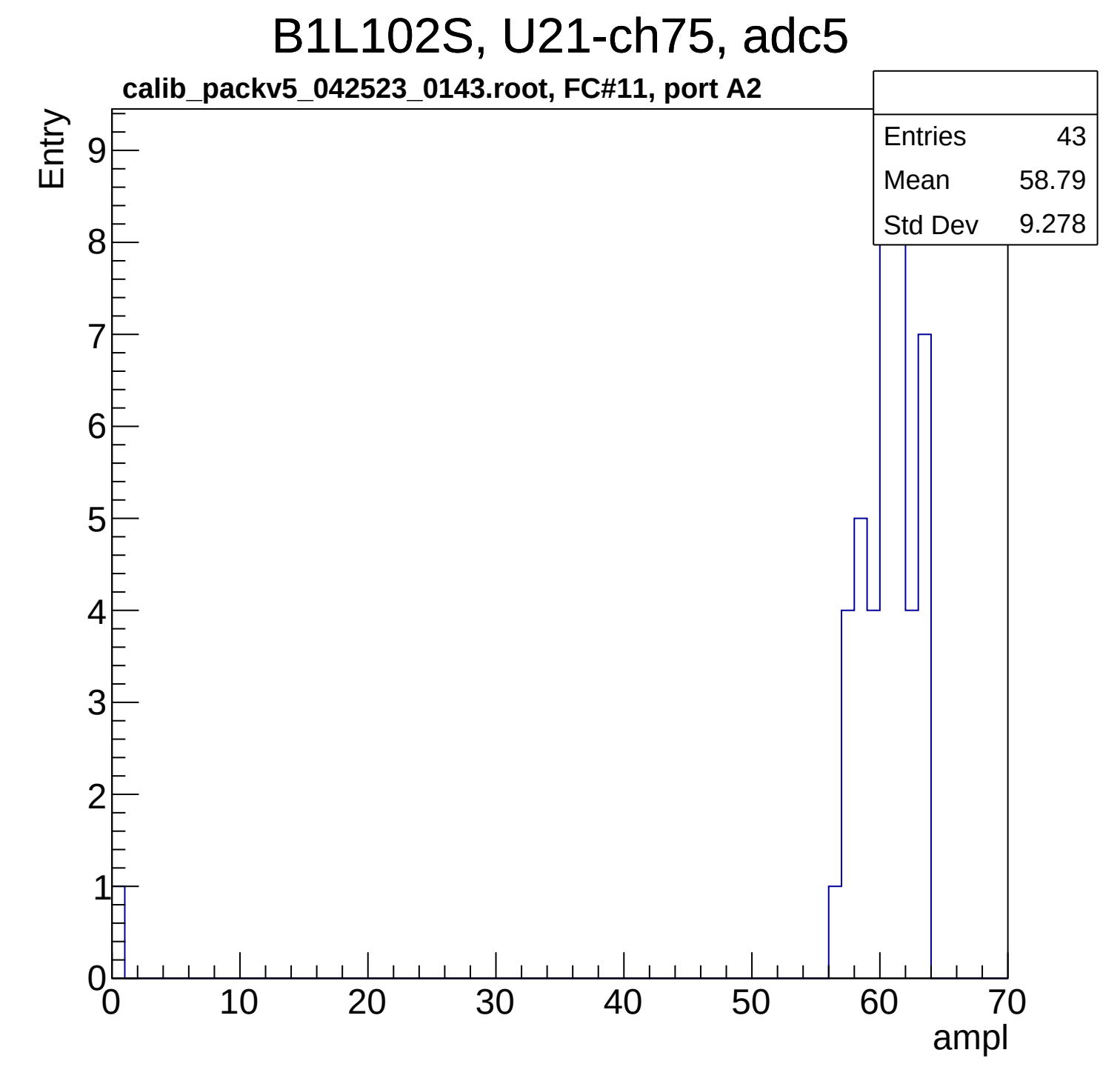
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch75, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 43
Mean 58.79
Std Dev 9.278
Entry
ampl
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0
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60
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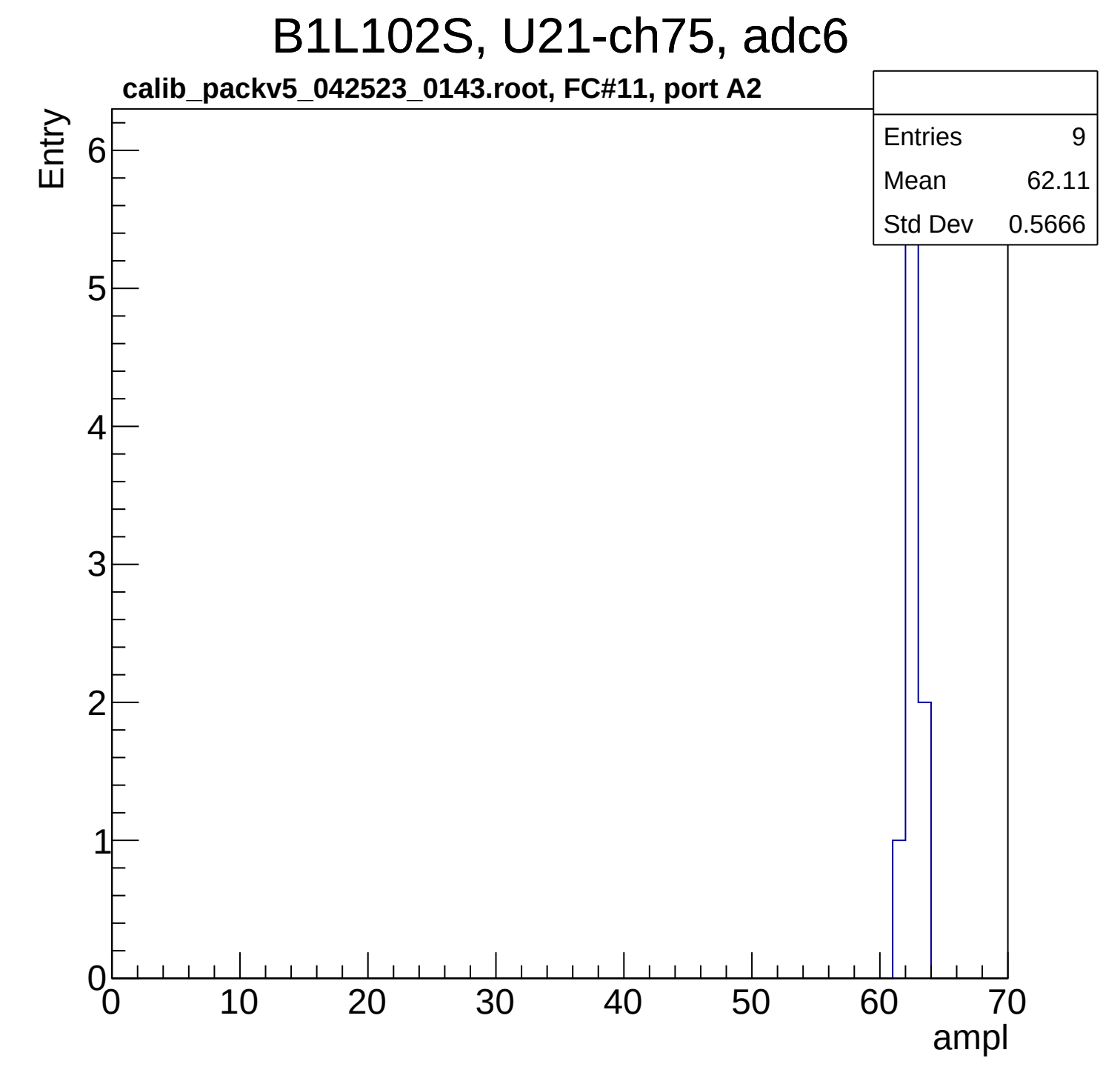
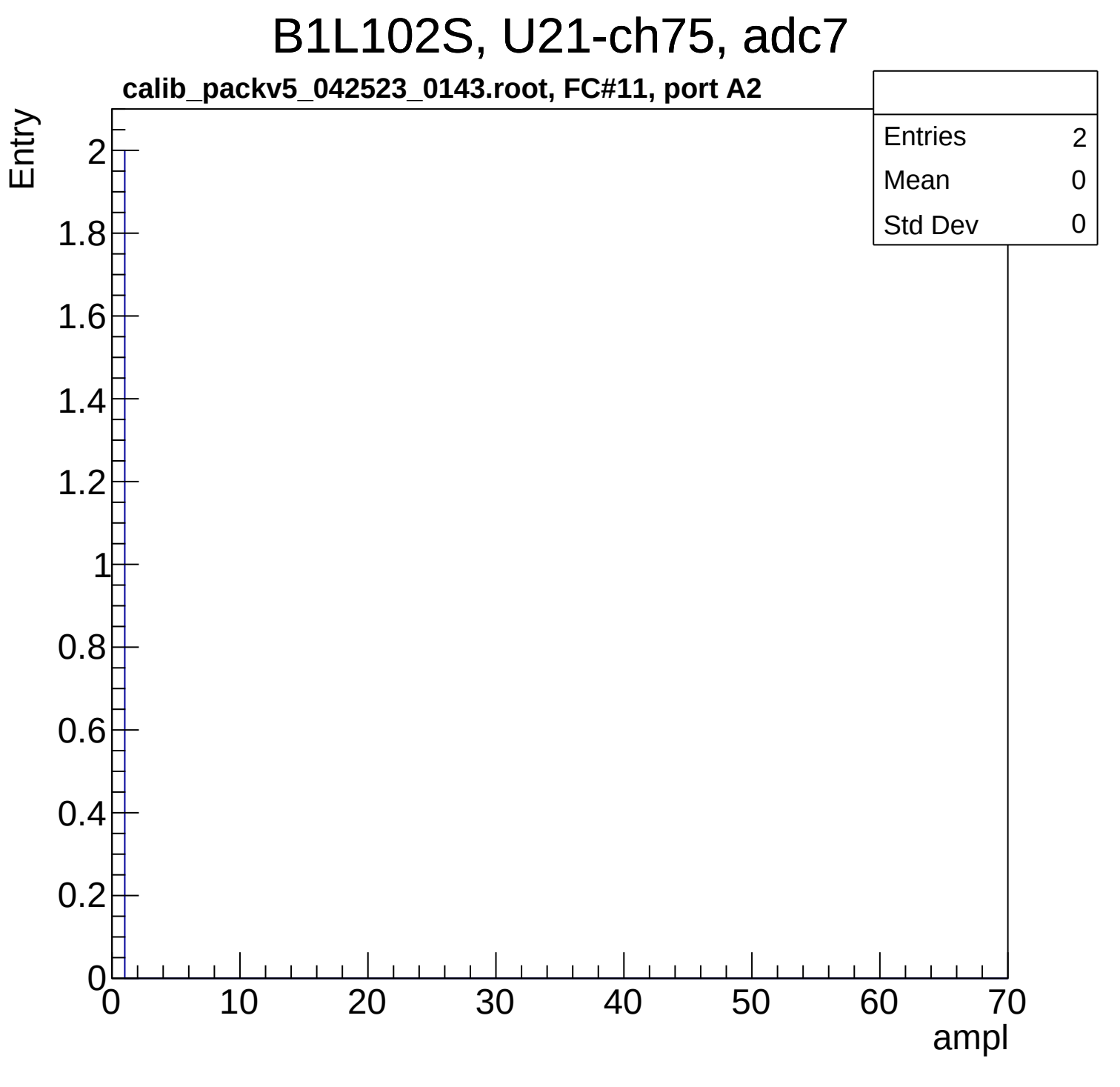
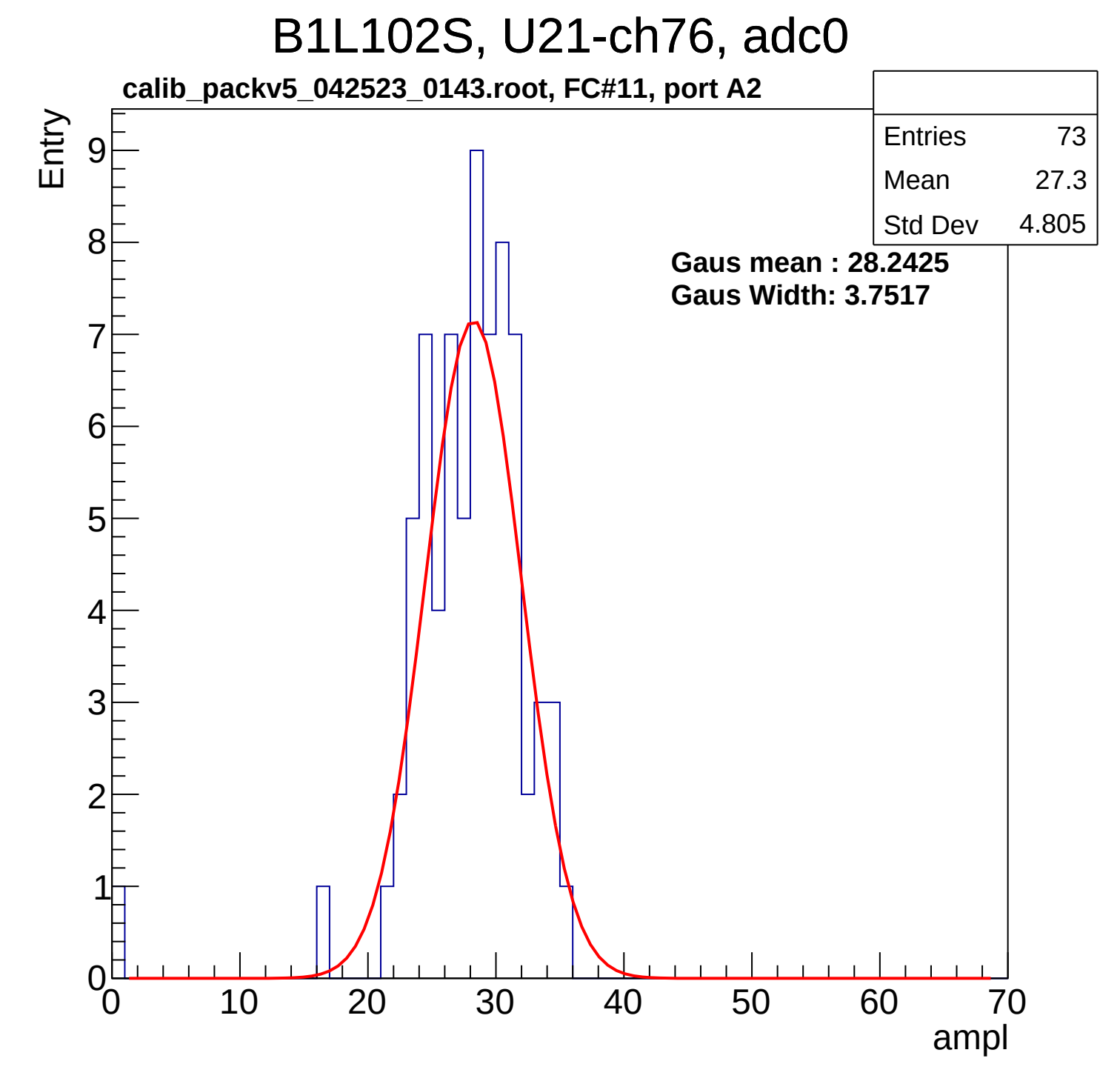
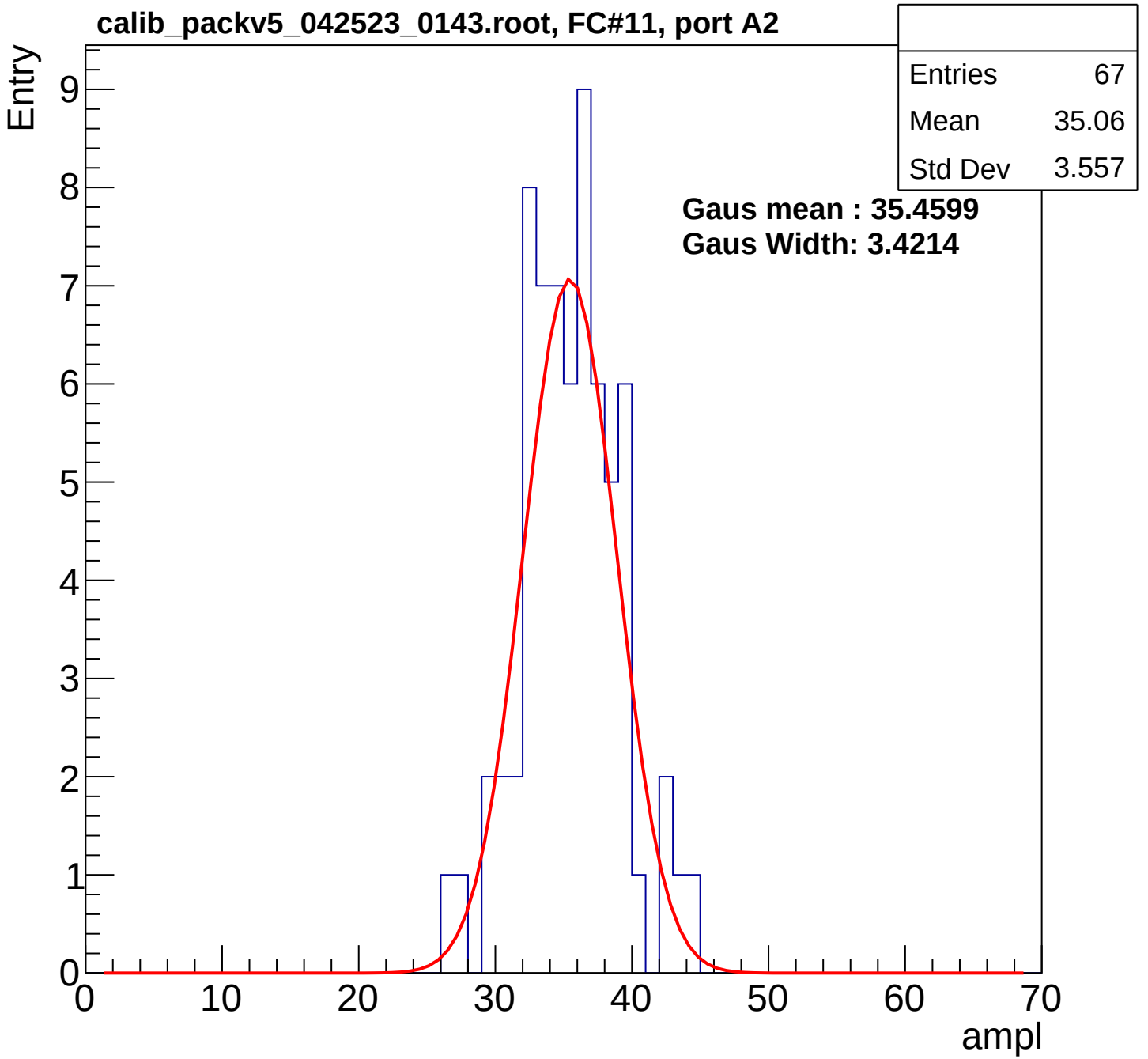
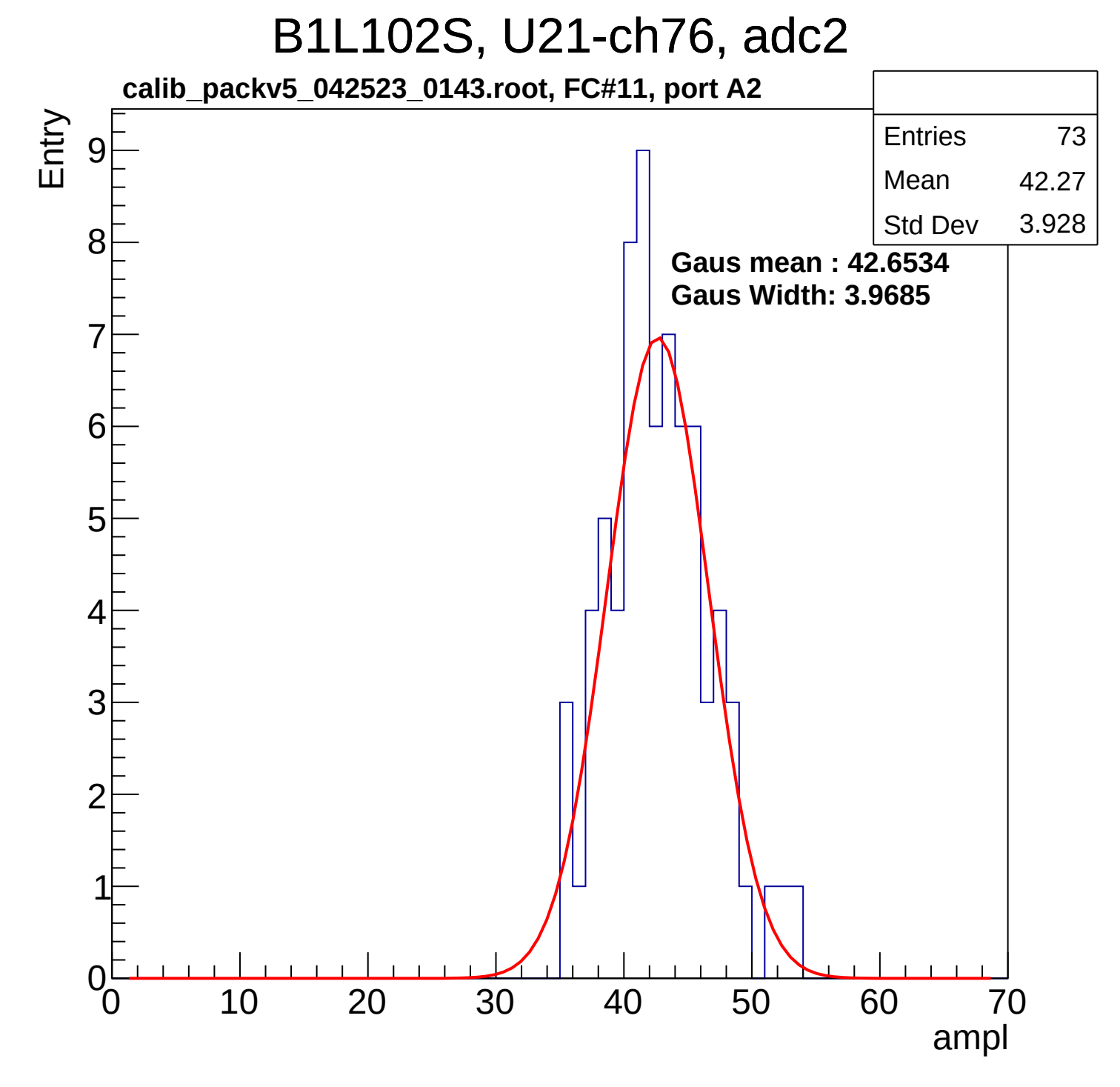

B1L102S, U21-ch75, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 9
Mean 62.11
Std Dev 0.5666
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch75, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch76, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 27.3
Std Dev 4.805
Gaus mean : 28.2425
Gaus Width: 3.7517
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch76, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 35.06
Std Dev 3.557
Gaus mean : 35.4599
Gaus Width: 3.4214
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch76, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 42.27
Std Dev 3.928
Gaus mean : 42.6534
Gaus Width: 3.9685
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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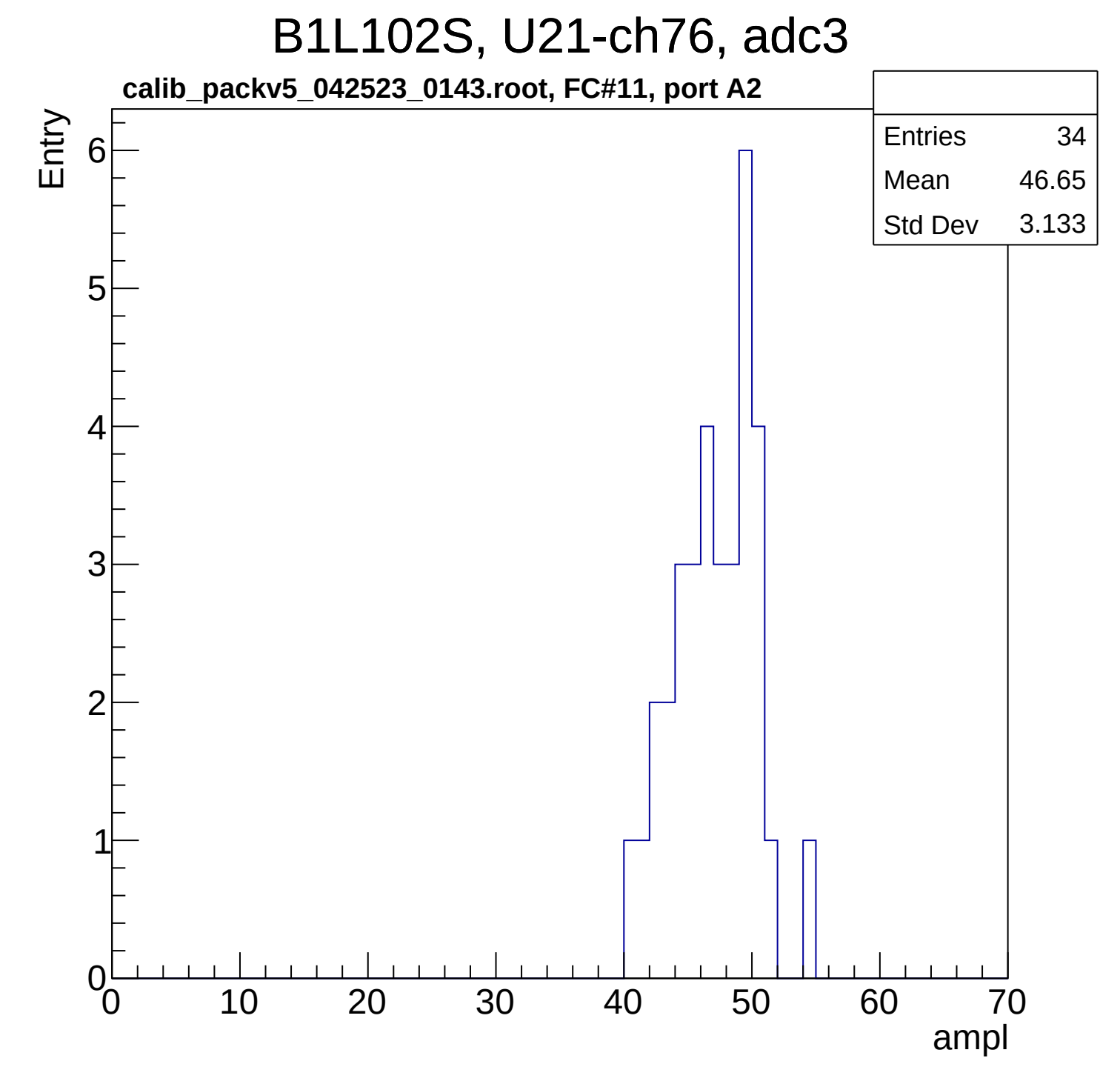
B1L102S, U21-ch76, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 34
Mean 46.65
Std Dev 3.133
Entry
ampl
0
1
2
3
4
5
6
0
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20
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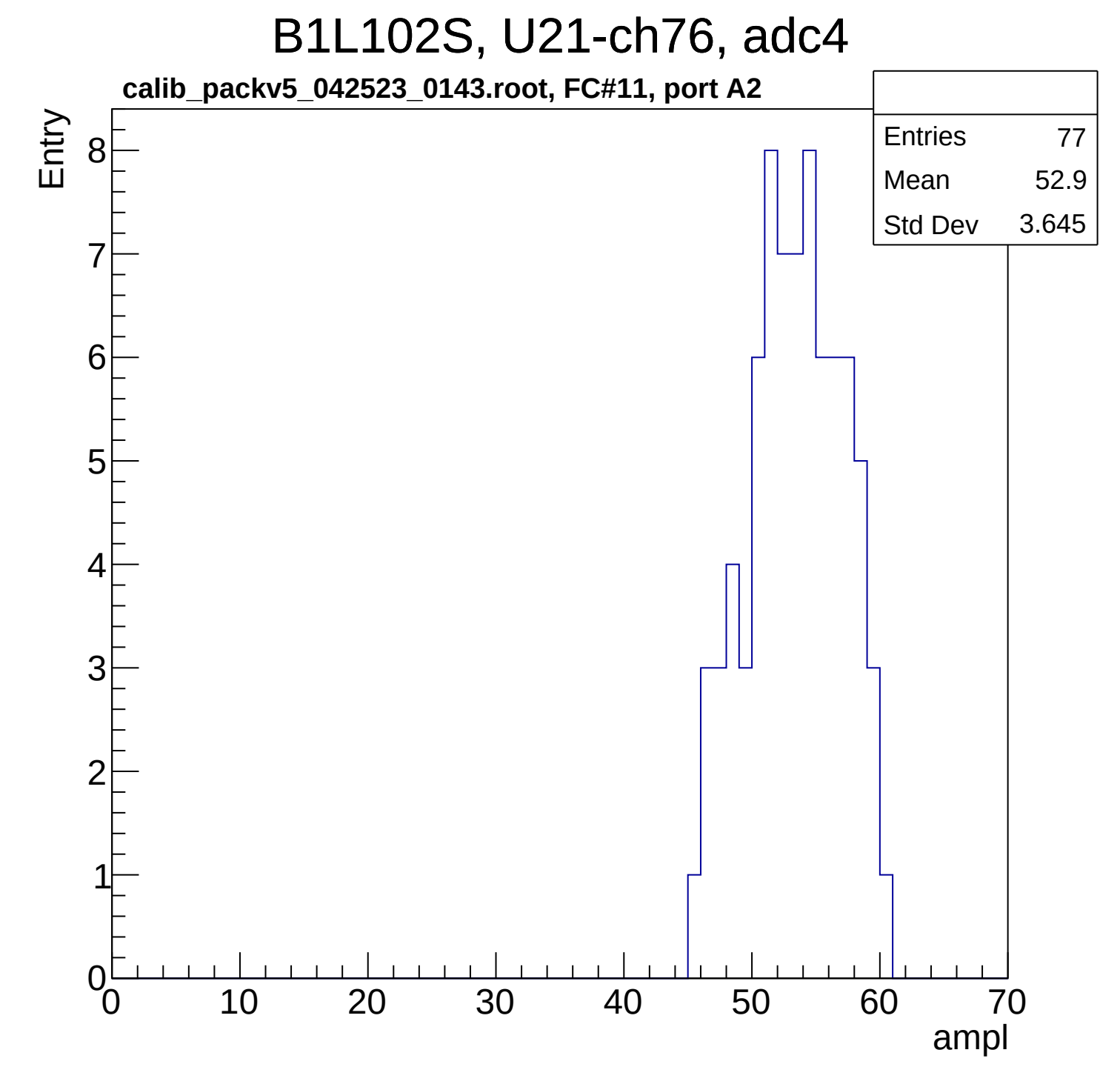
40
50
60
70


B1L102S, U21-ch76, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 52.9
Std Dev 3.645
Entry
ampl
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1
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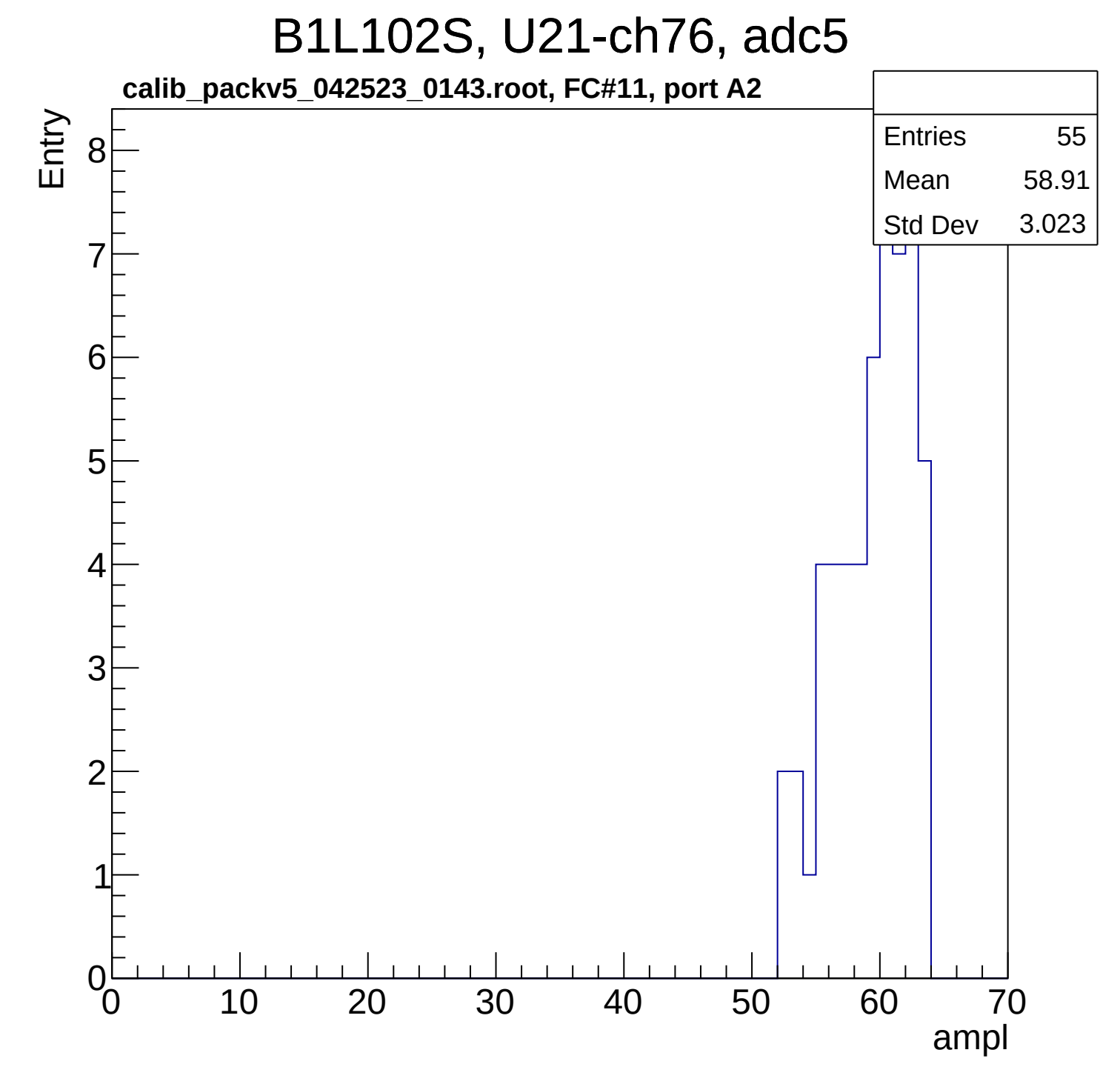
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch76, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 58.91
Std Dev 3.023
Entry
ampl
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1
2
3
4
5
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7
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40
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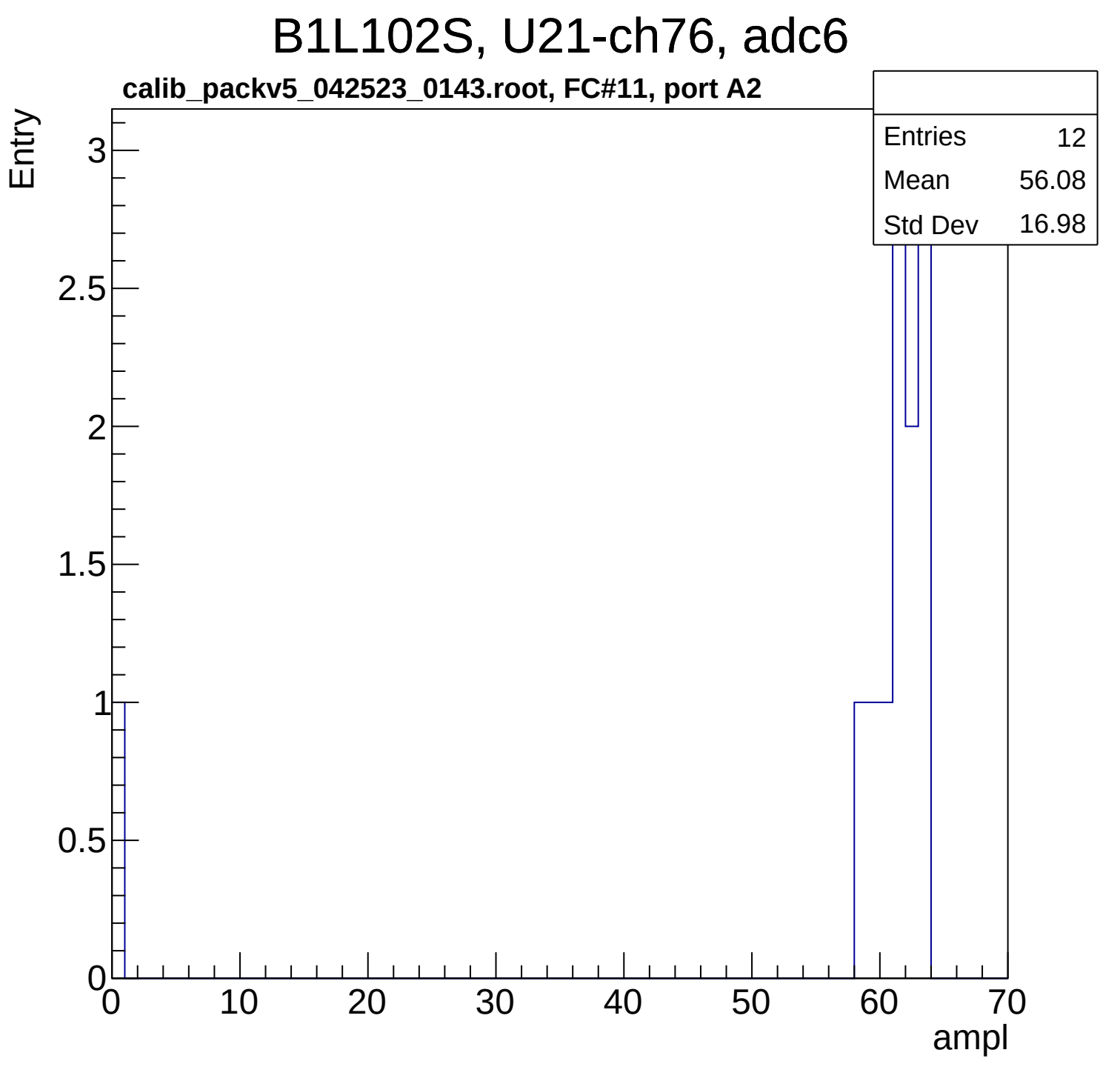
B1L102S, U21-ch76, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 12
Mean 56.08
Std Dev 16.98
Entry
ampl
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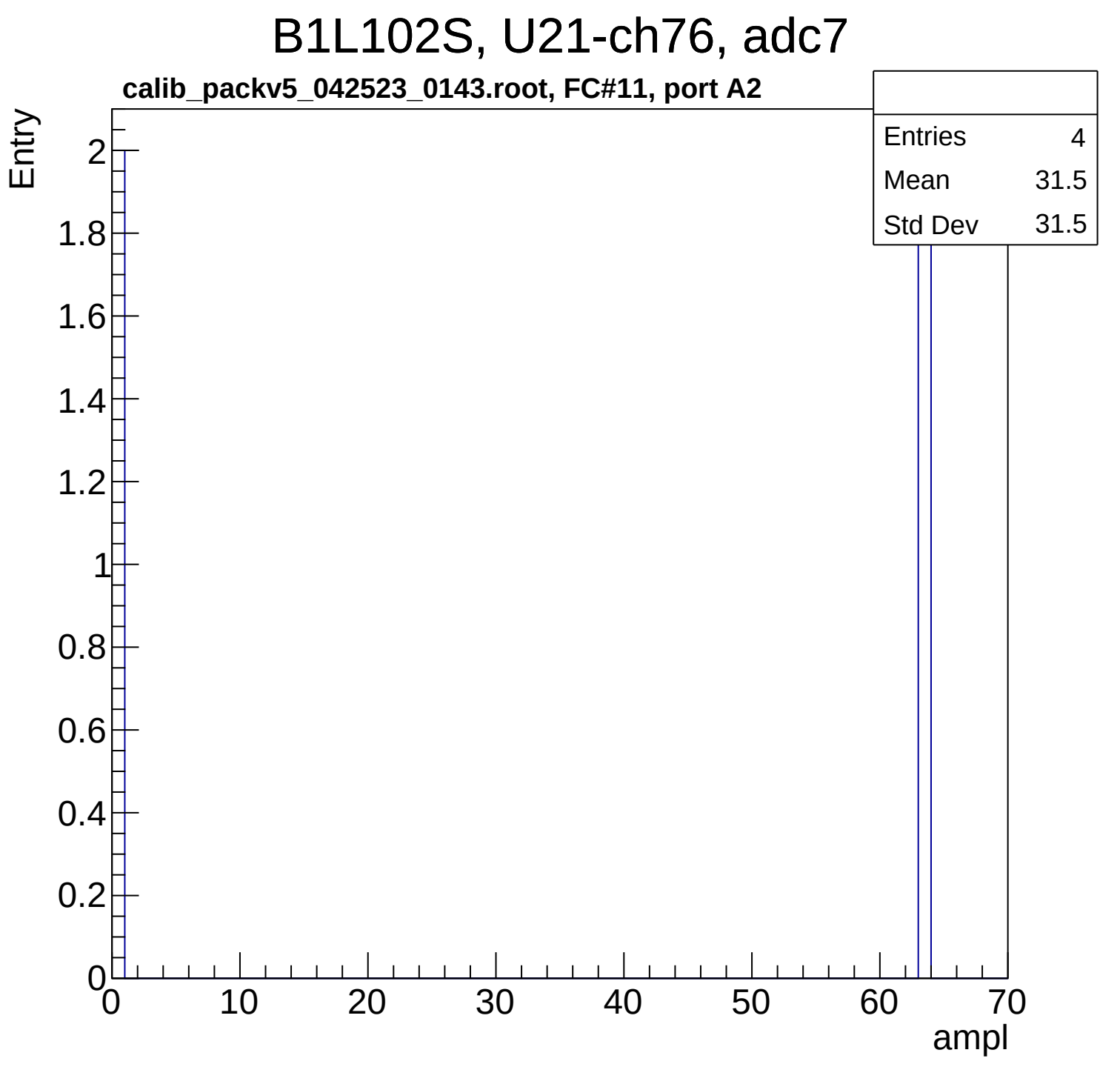
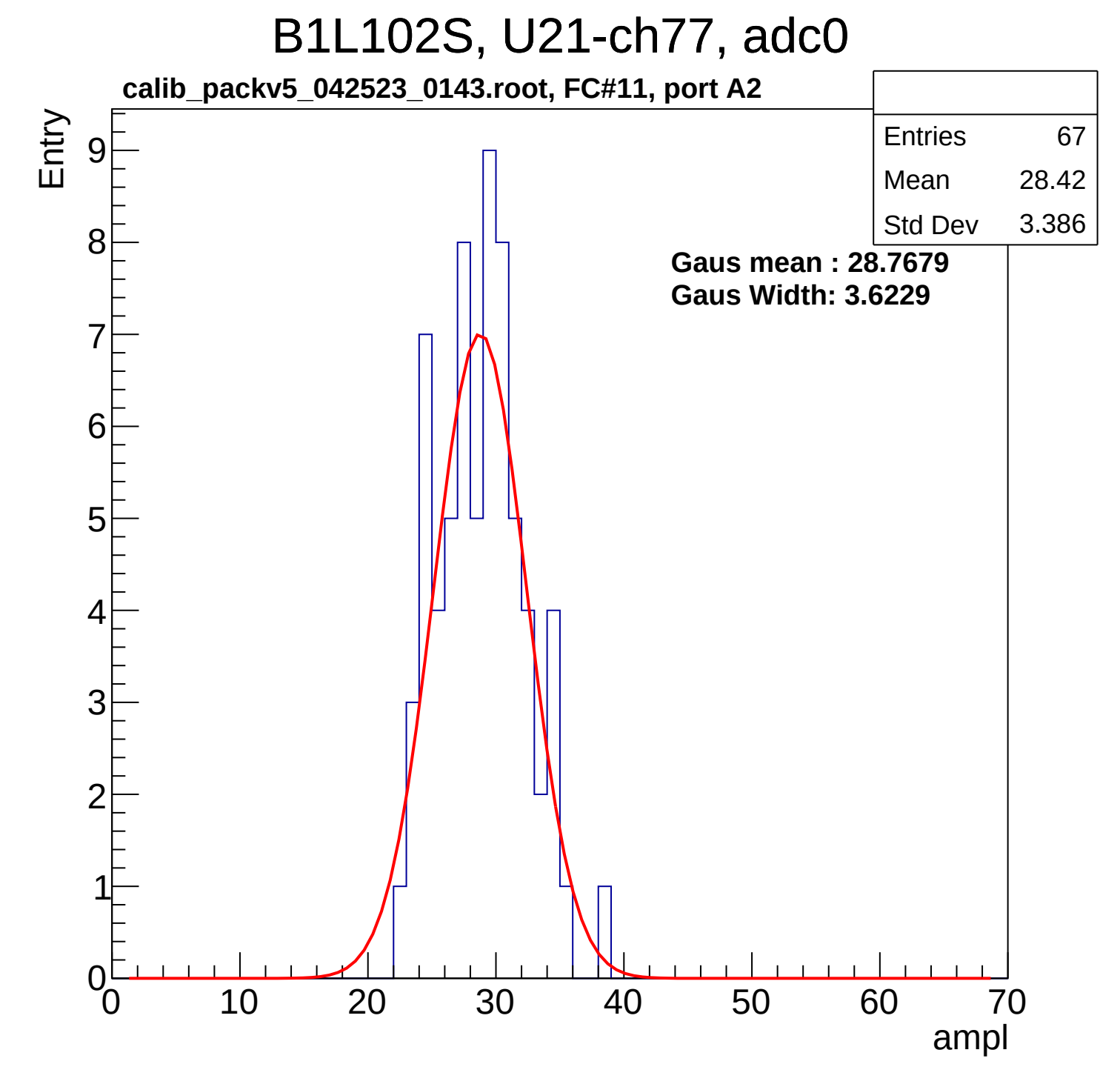
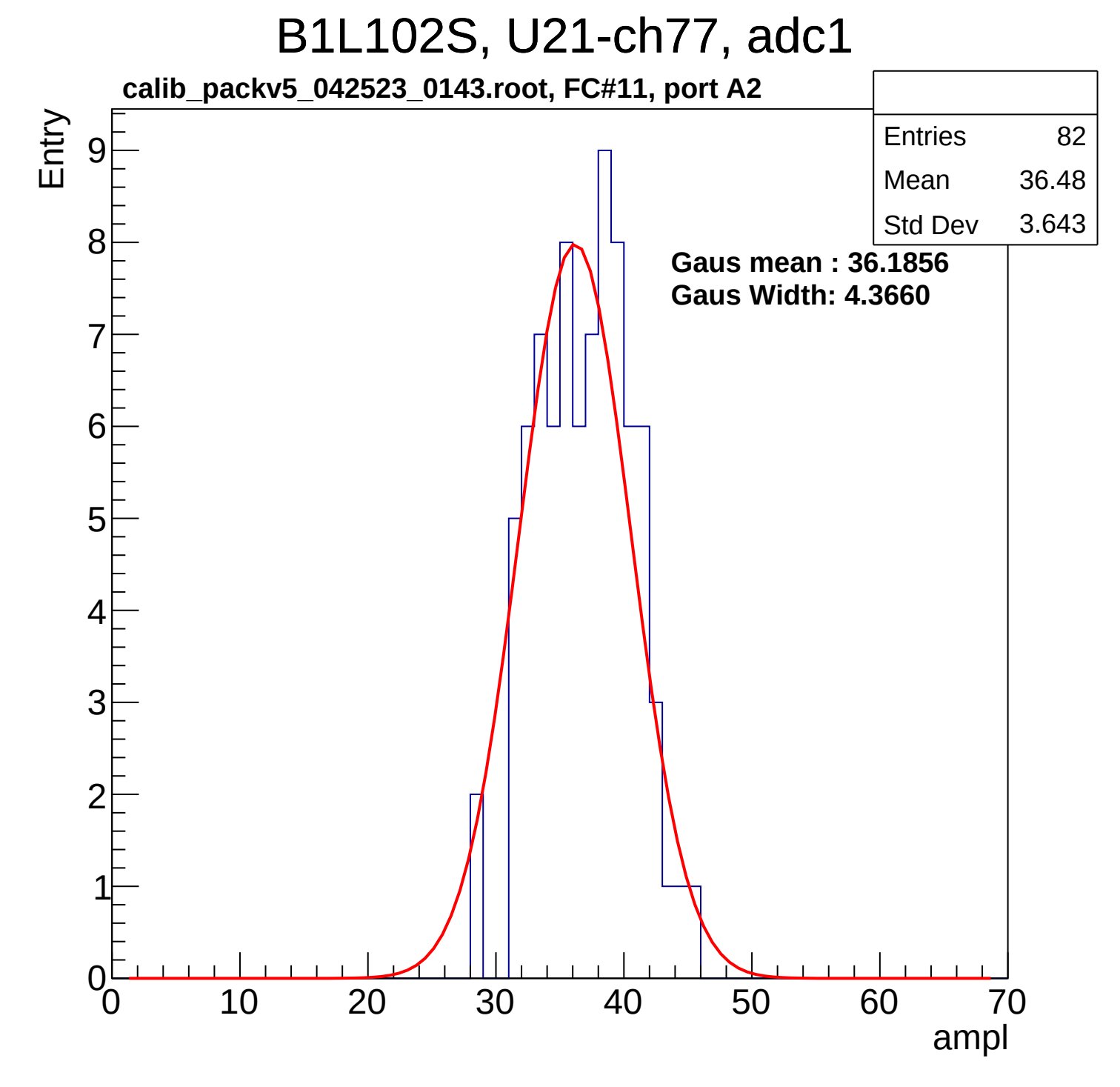
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U21-ch76, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 31.5
Std Dev 31.5
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


B1L102S, U21-ch77, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 28.42
Std Dev 3.386
Gaus mean : 28.7679
Gaus Width: 3.6229
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L102S, U21-ch77, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 82
Mean 36.48
Std Dev 3.643
Gaus mean : 36.1856
Gaus Width: 4.3660
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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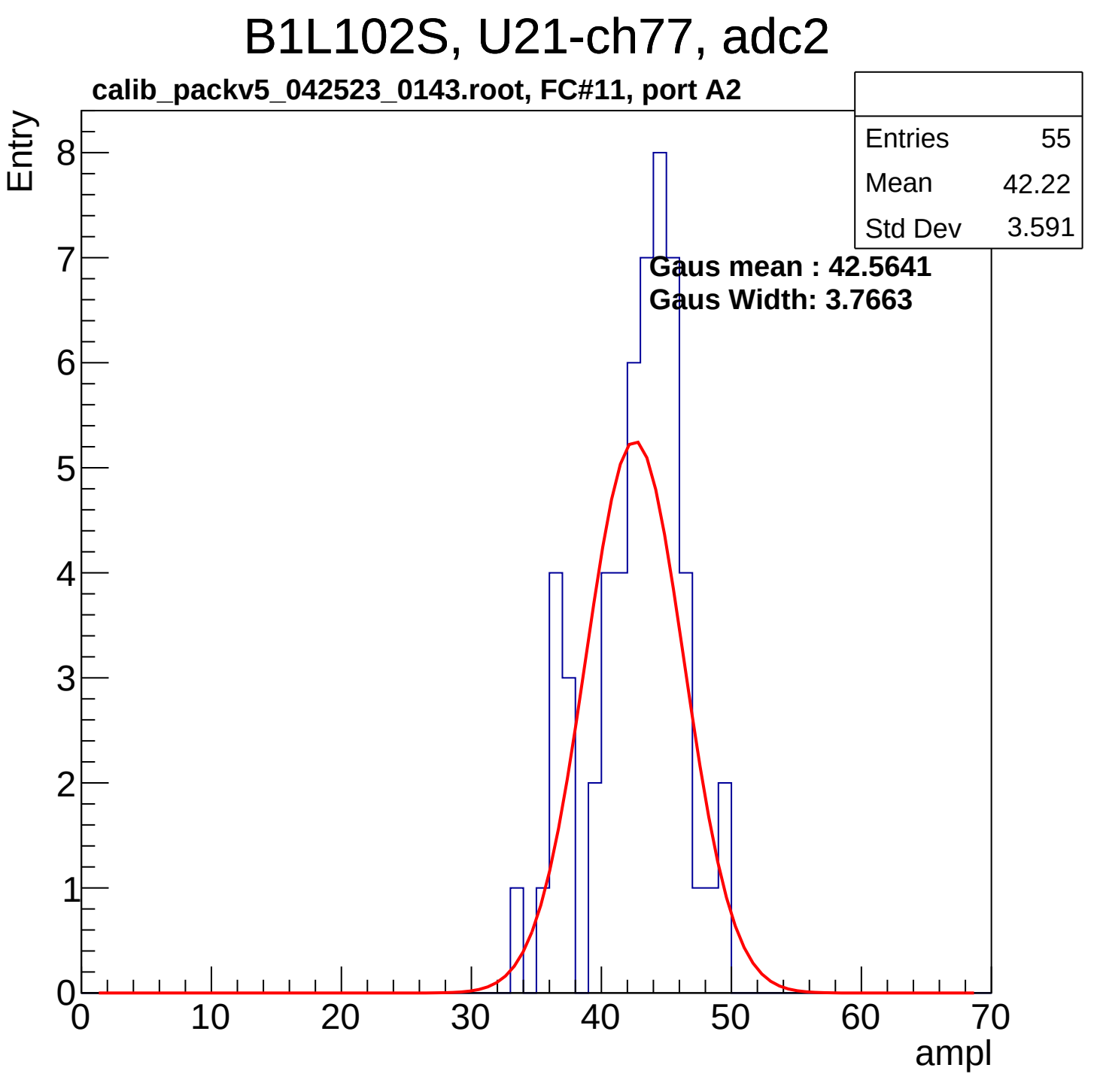
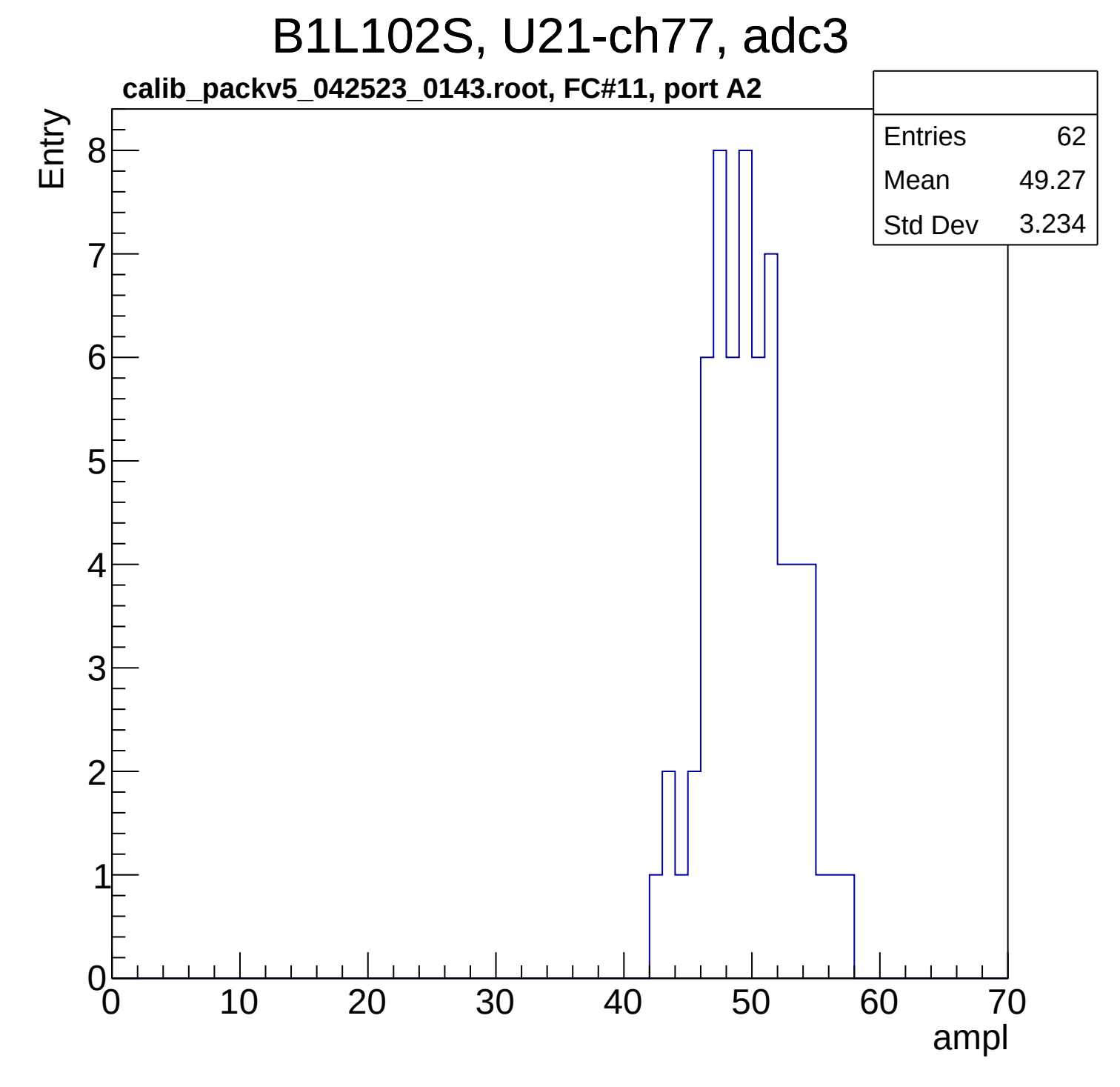
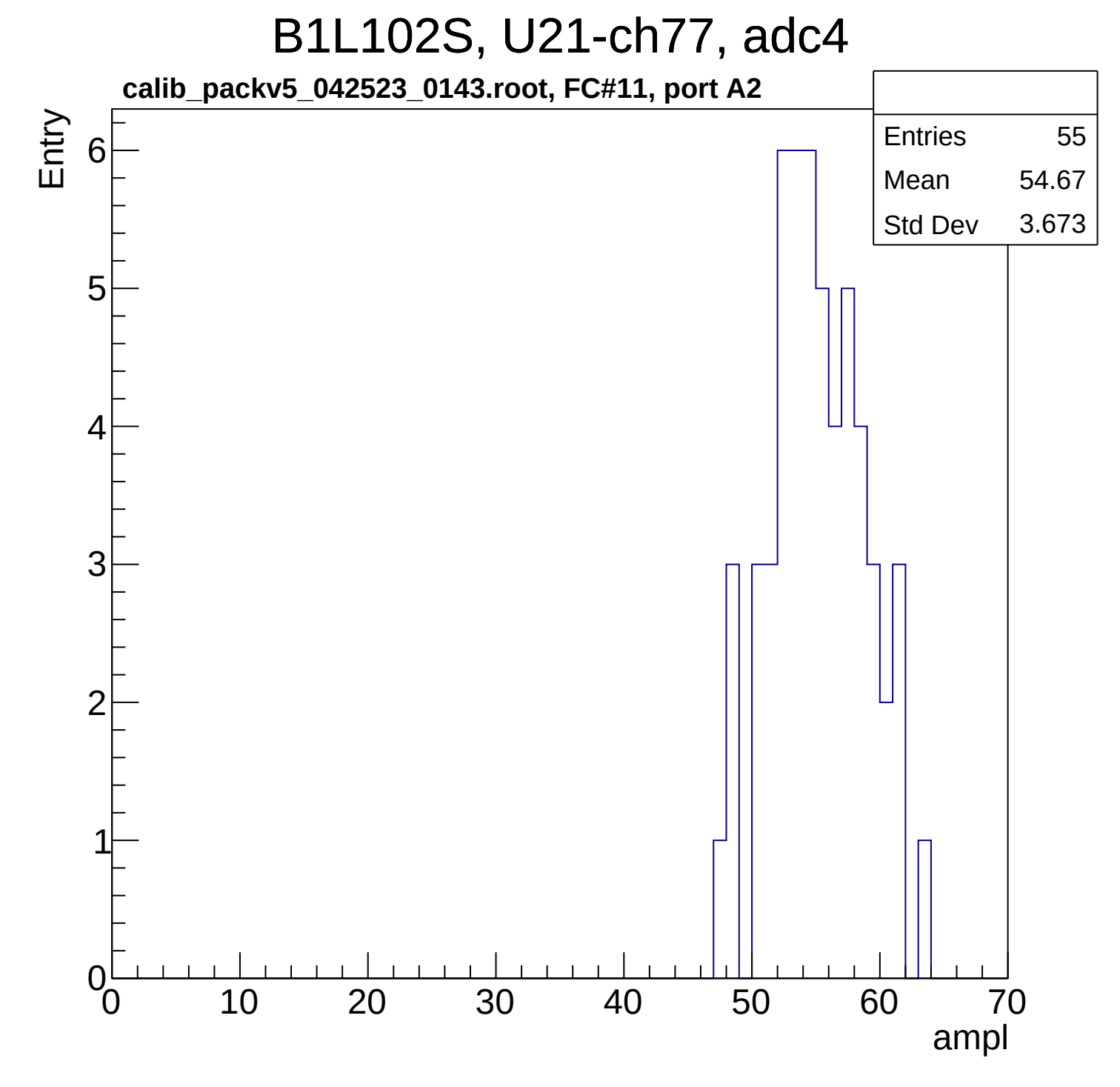
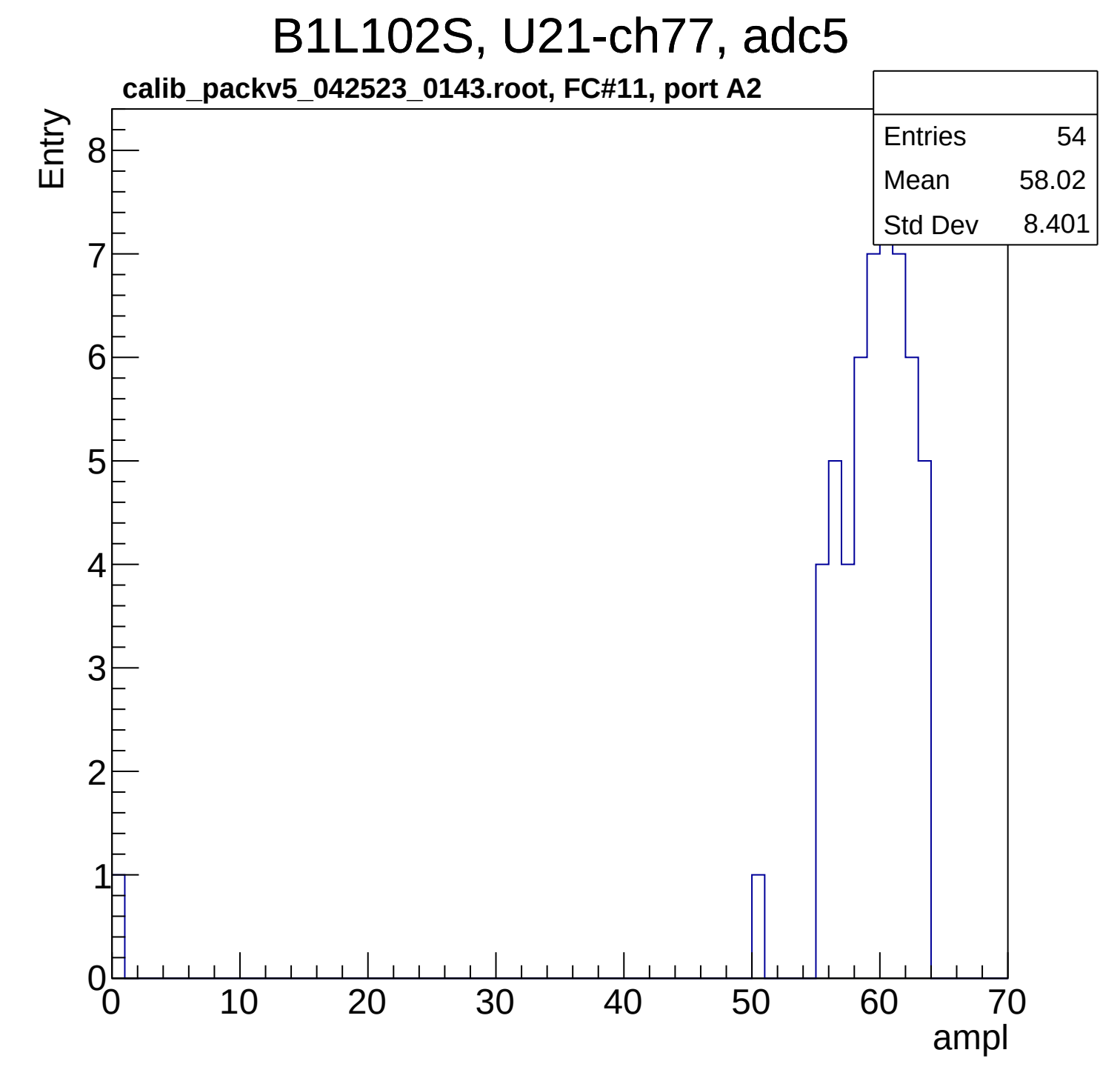

B1L102S, U21-ch77, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 42.22
Std Dev 3.591
Gaus mean : 42.5641
Gaus Width: 3.7663
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch77, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 49.27
Std Dev 3.234
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch77, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 54.67
Std Dev 3.673
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch77, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 58.02
Std Dev 8.401
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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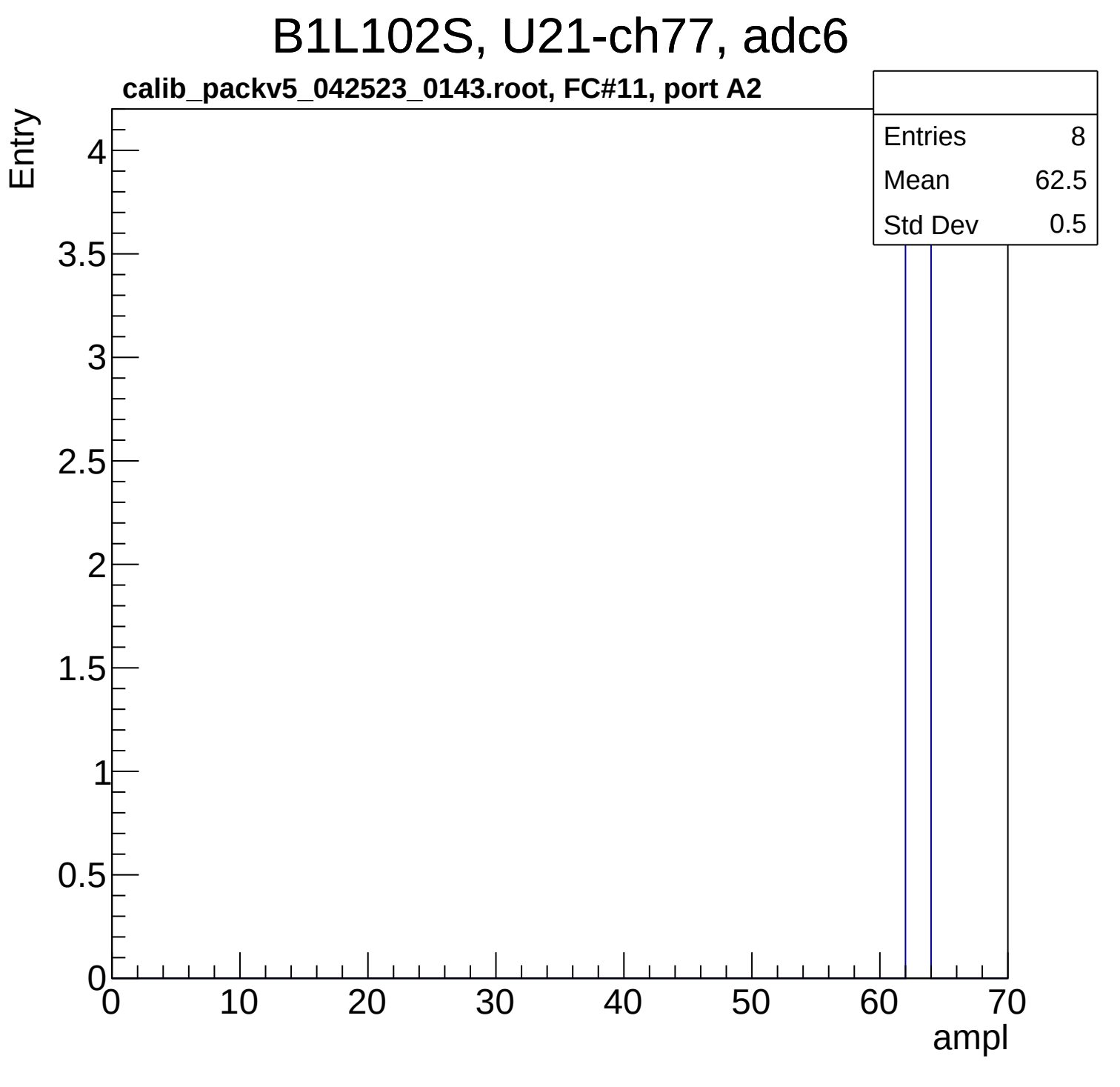
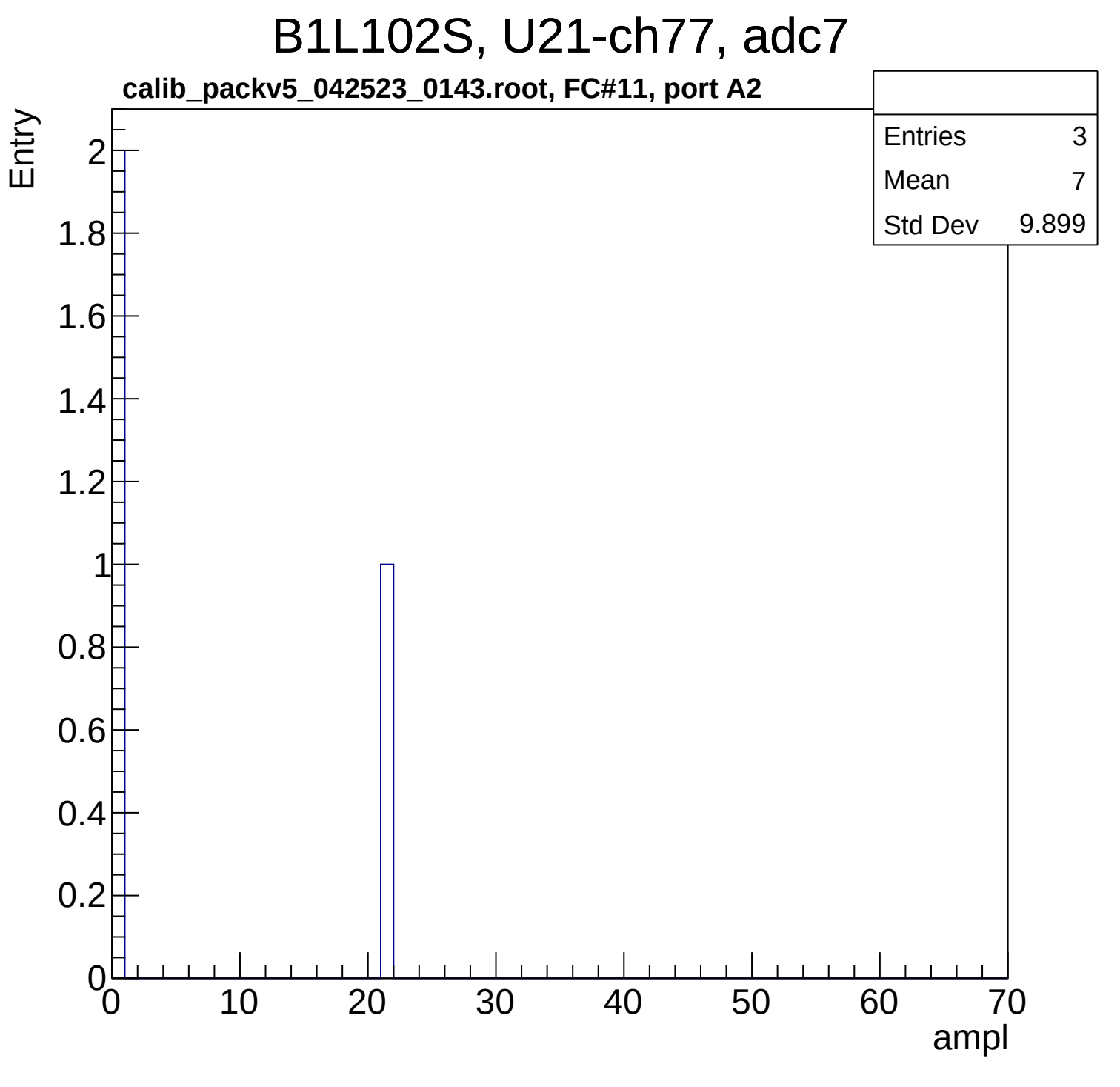

B1L102S, U21-ch77, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 8
Mean 62.5
Std Dev 0.5
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L102S, U21-ch77, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 7
Std Dev 9.899
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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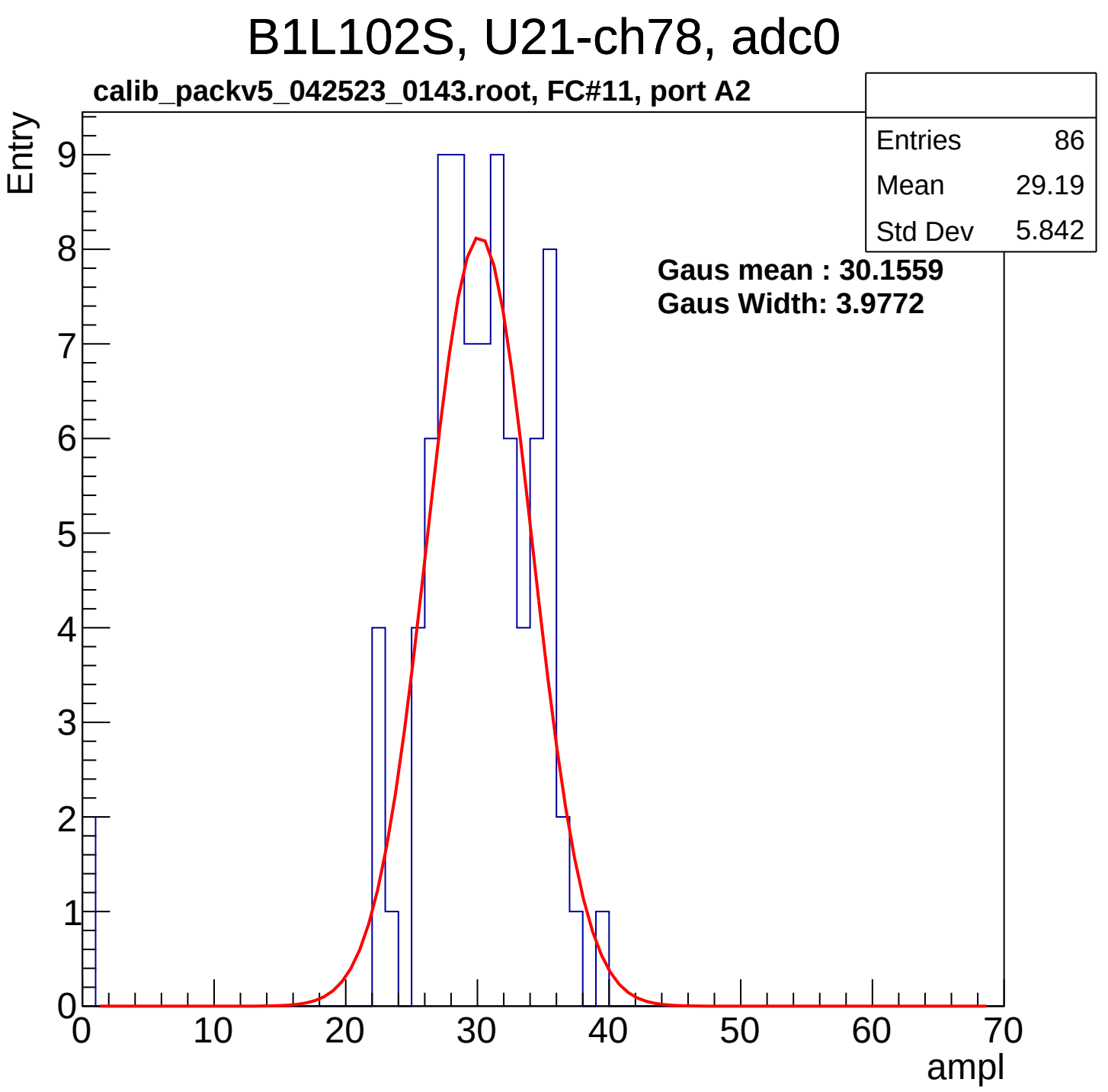
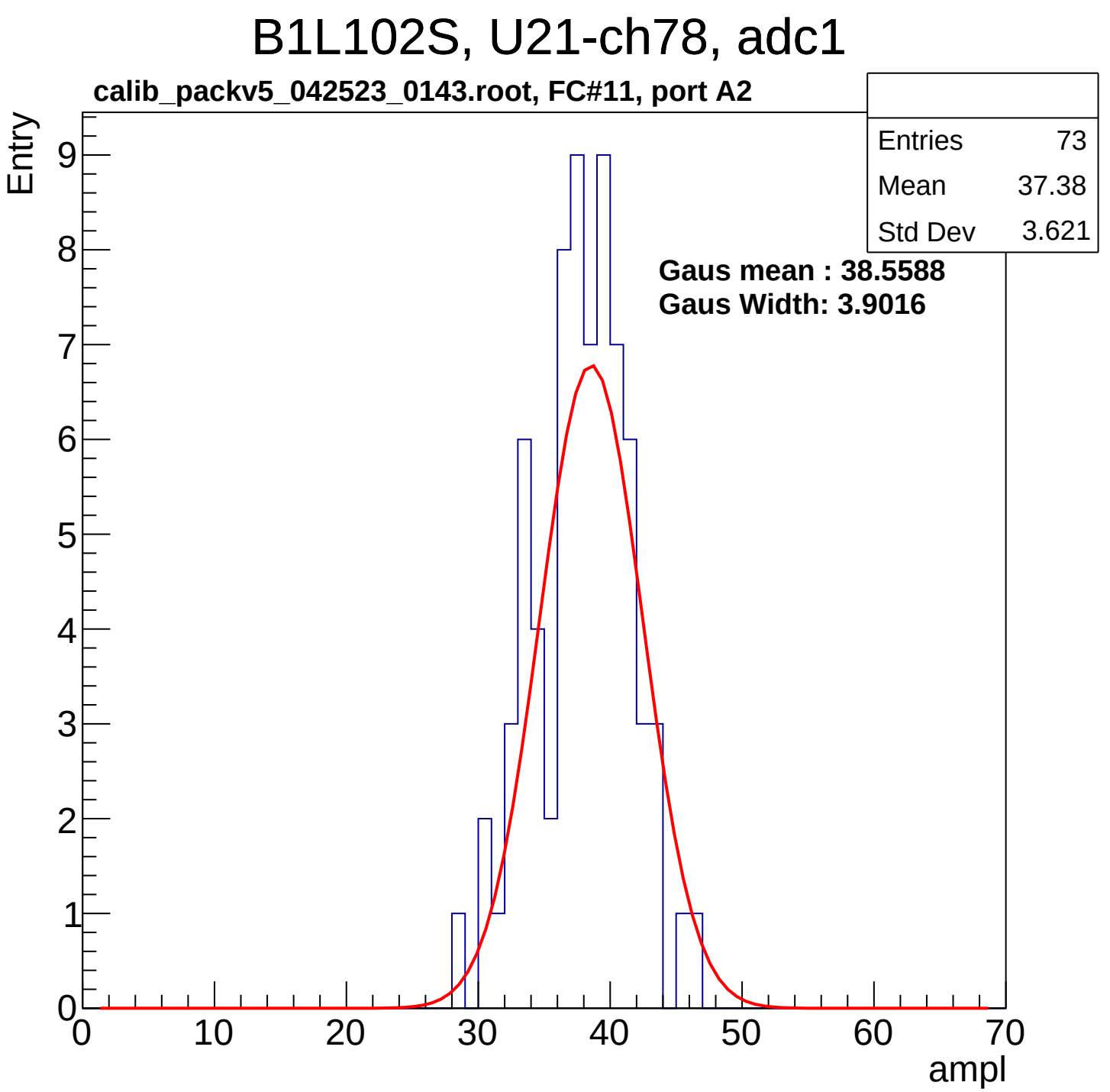

B1L102S, U21-ch78, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 86
Mean 29.19
Std Dev 5.842
Gaus mean : 30.1559
Gaus Width: 3.9772
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch78, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 37.38
Std Dev 3.621
Gaus mean : 38.5588
Gaus Width: 3.9016
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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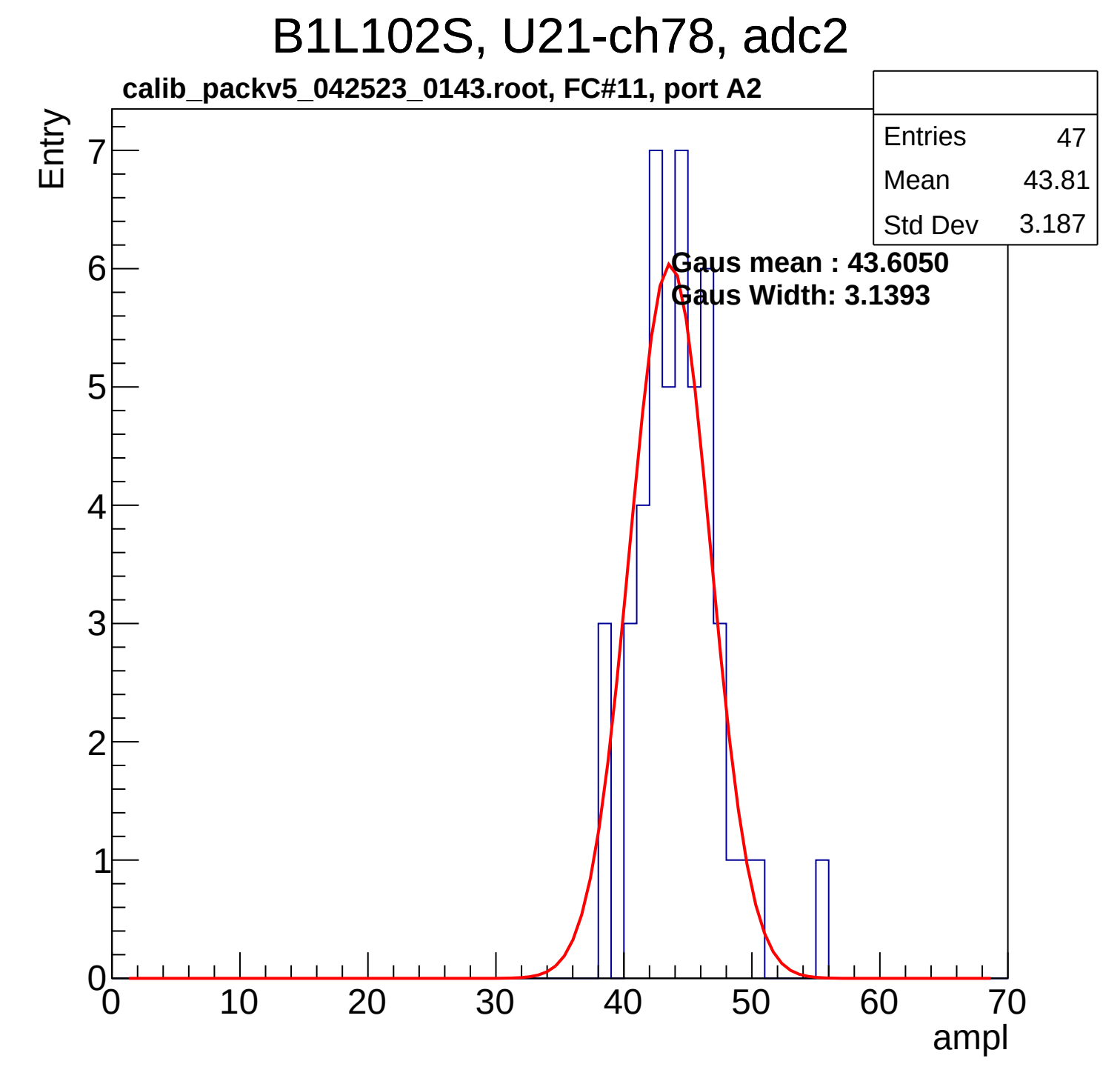
B1L102S, U21-ch78, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 47
Mean 43.81
Std Dev 3.187
Gaus mean : 43.6050
Gaus Width: 3.1393
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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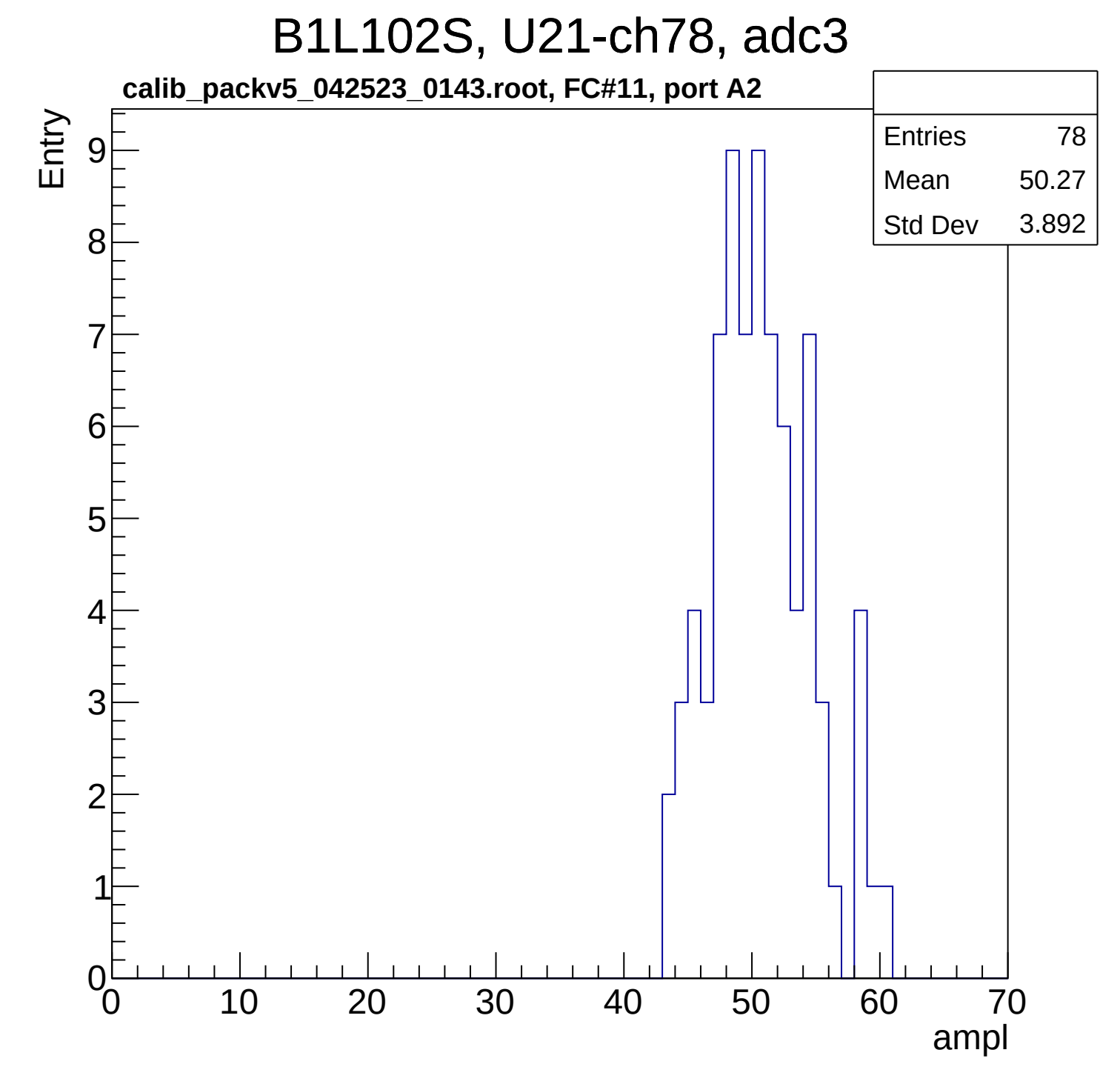
B1L102S, U21-ch78, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 78
Mean 50.27
Std Dev 3.892
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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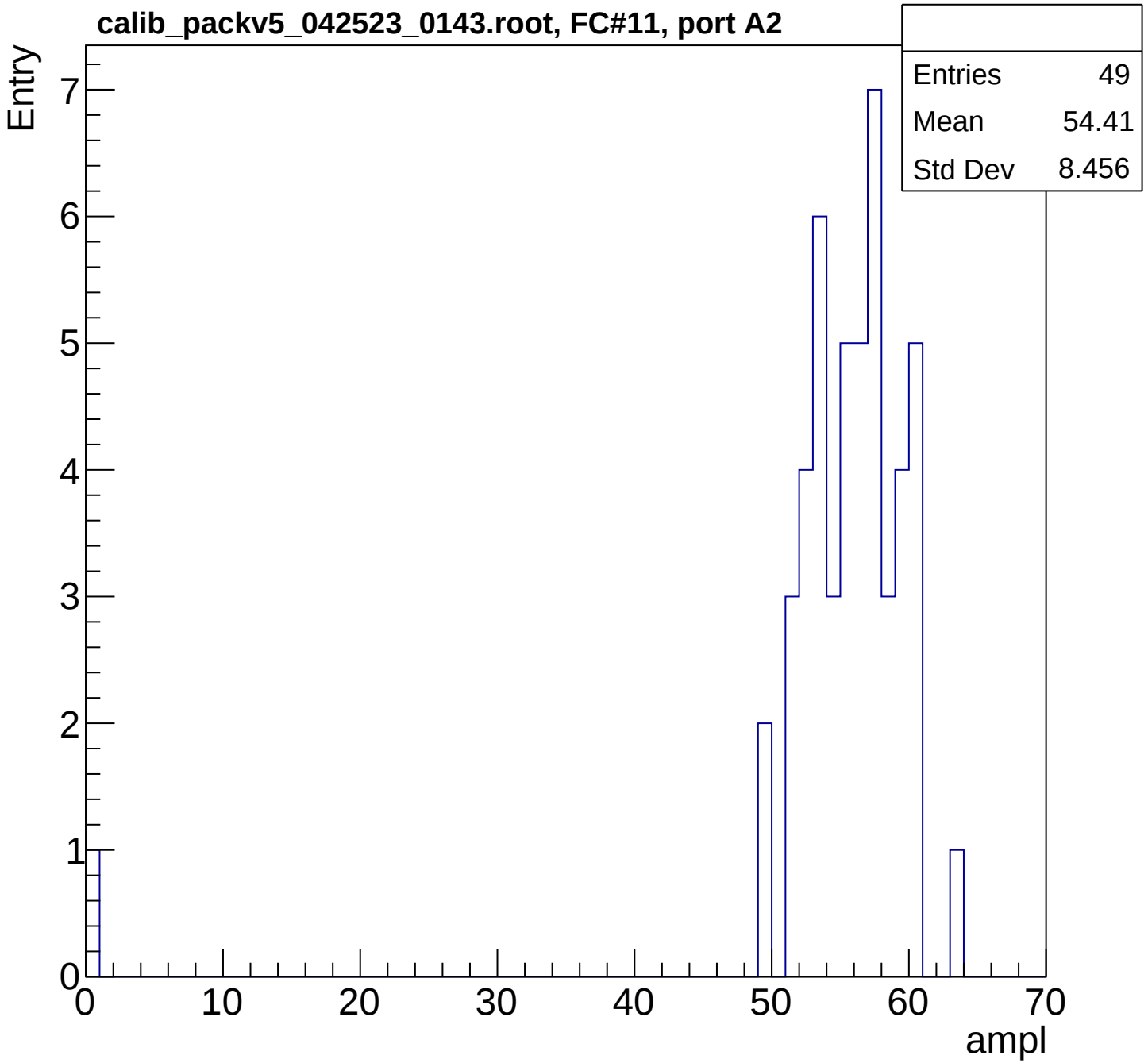
B1L102S, U21-ch78, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 54.41
Std Dev 8.456
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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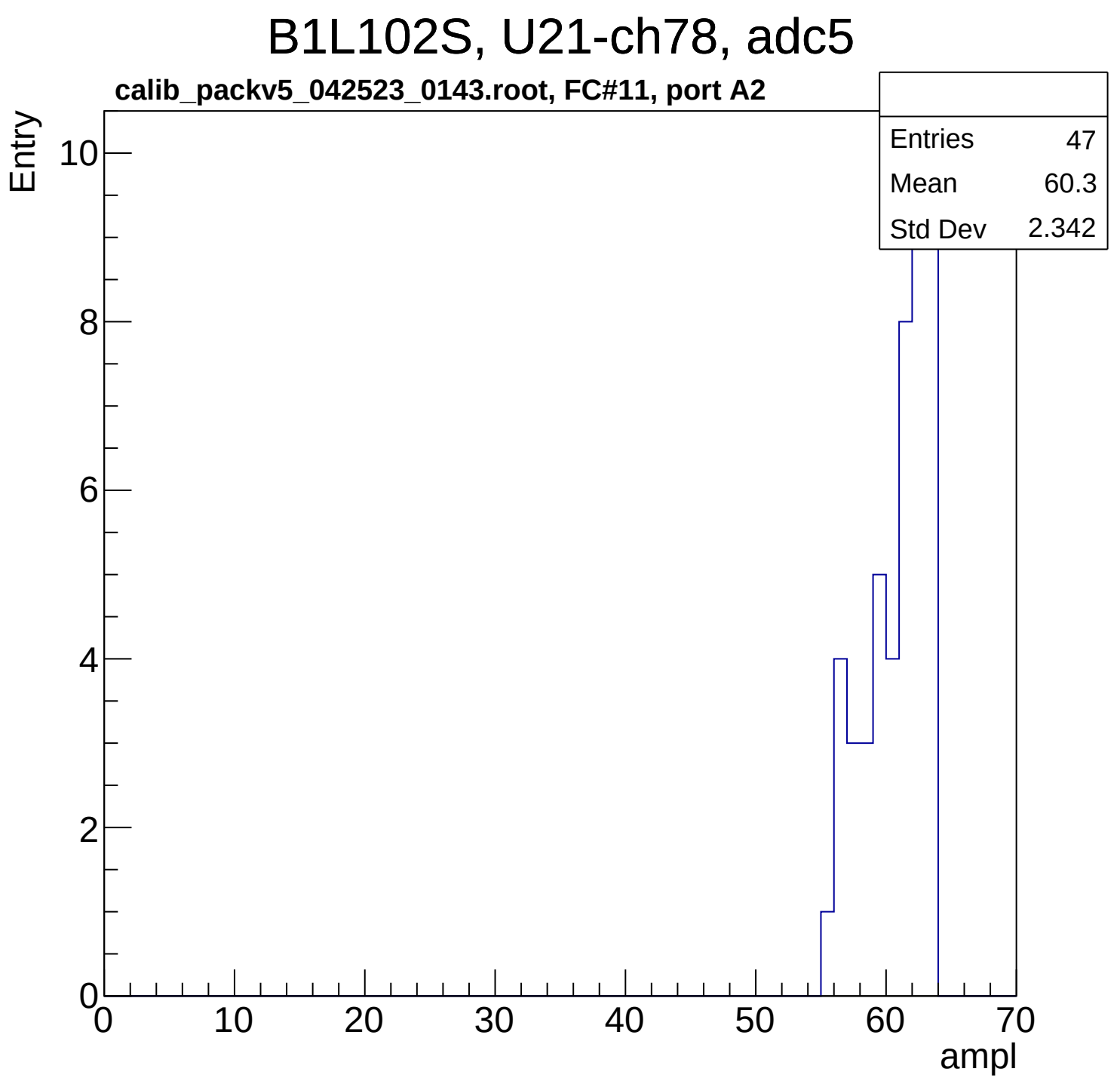
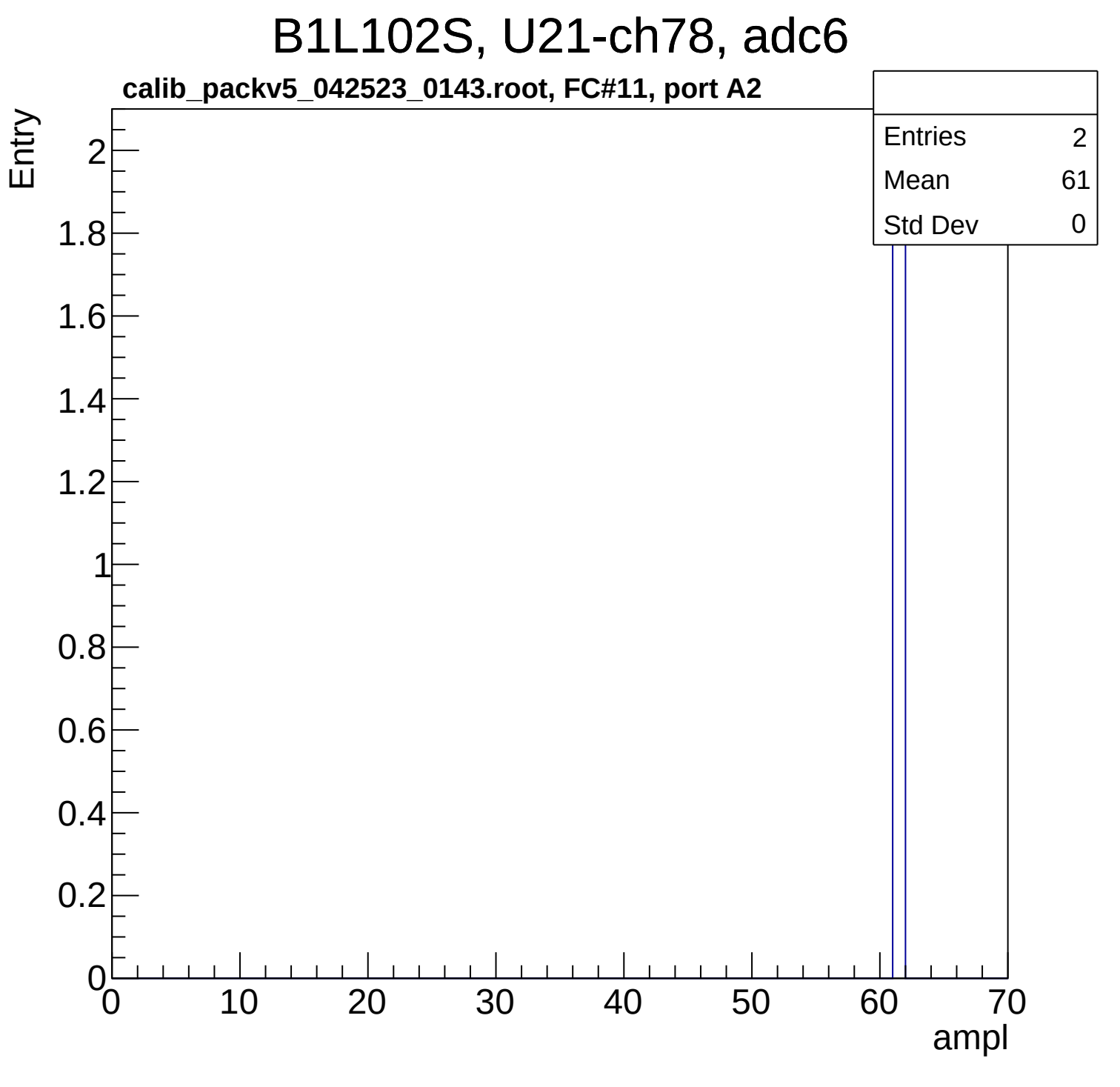
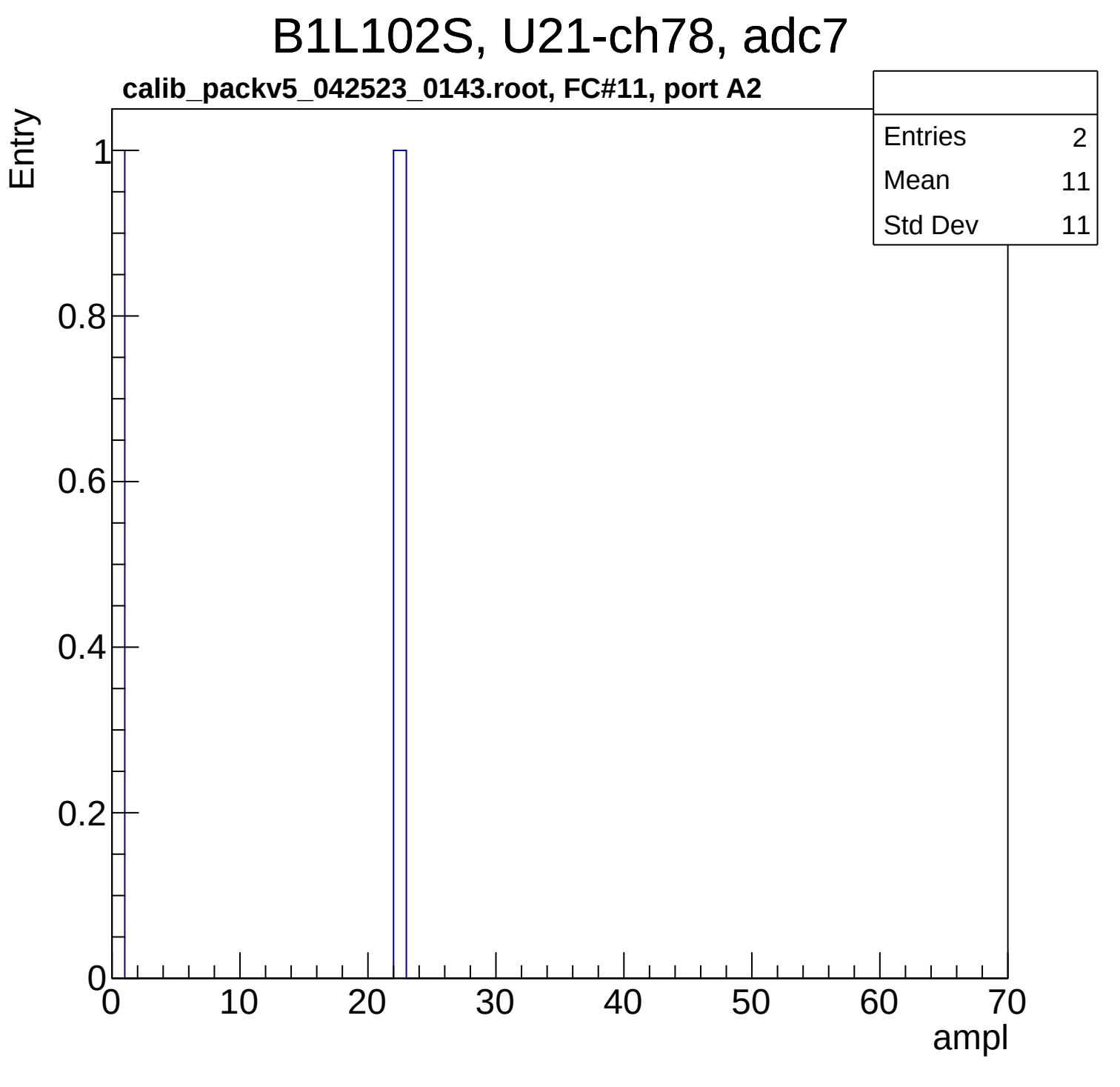
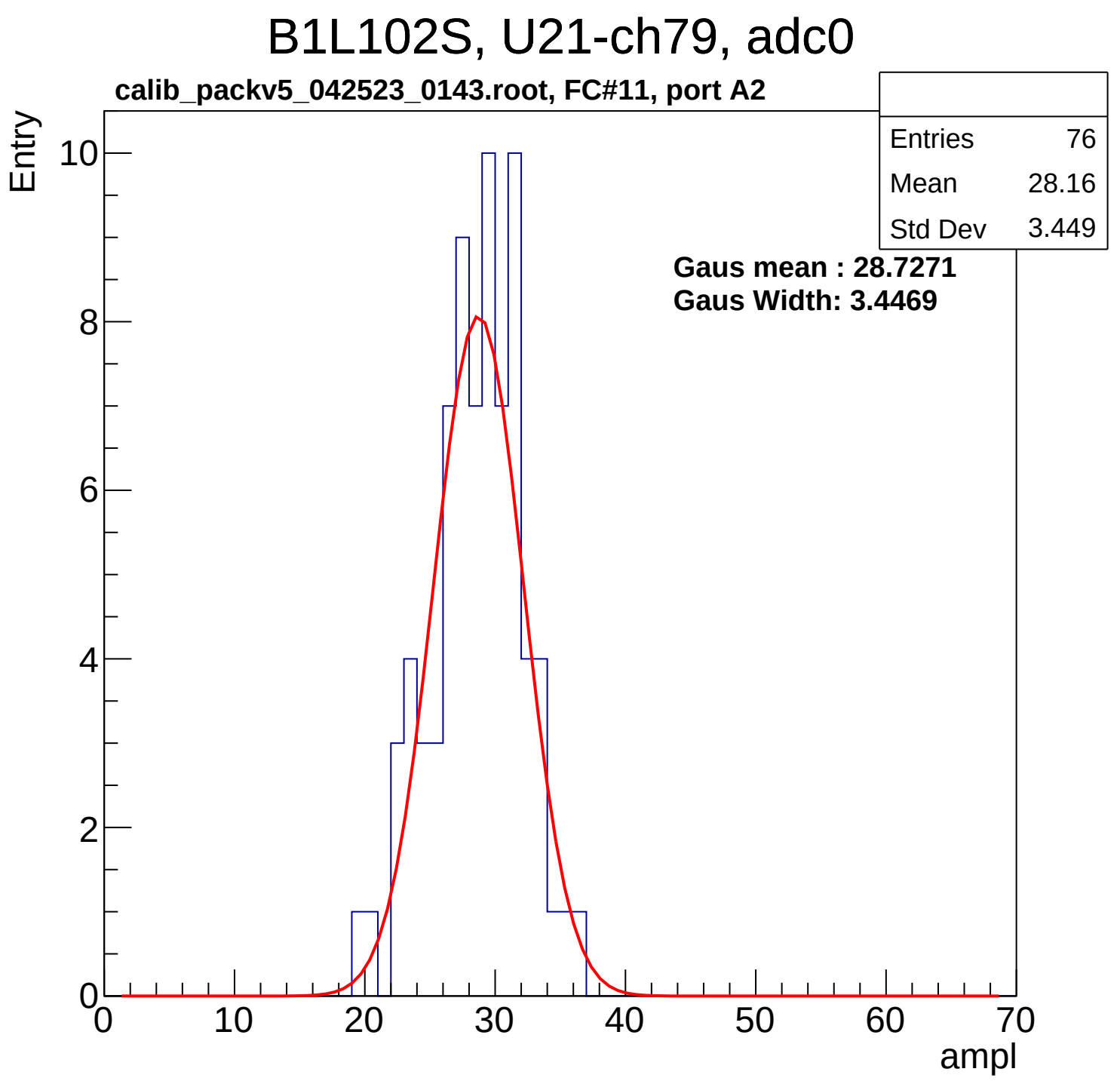
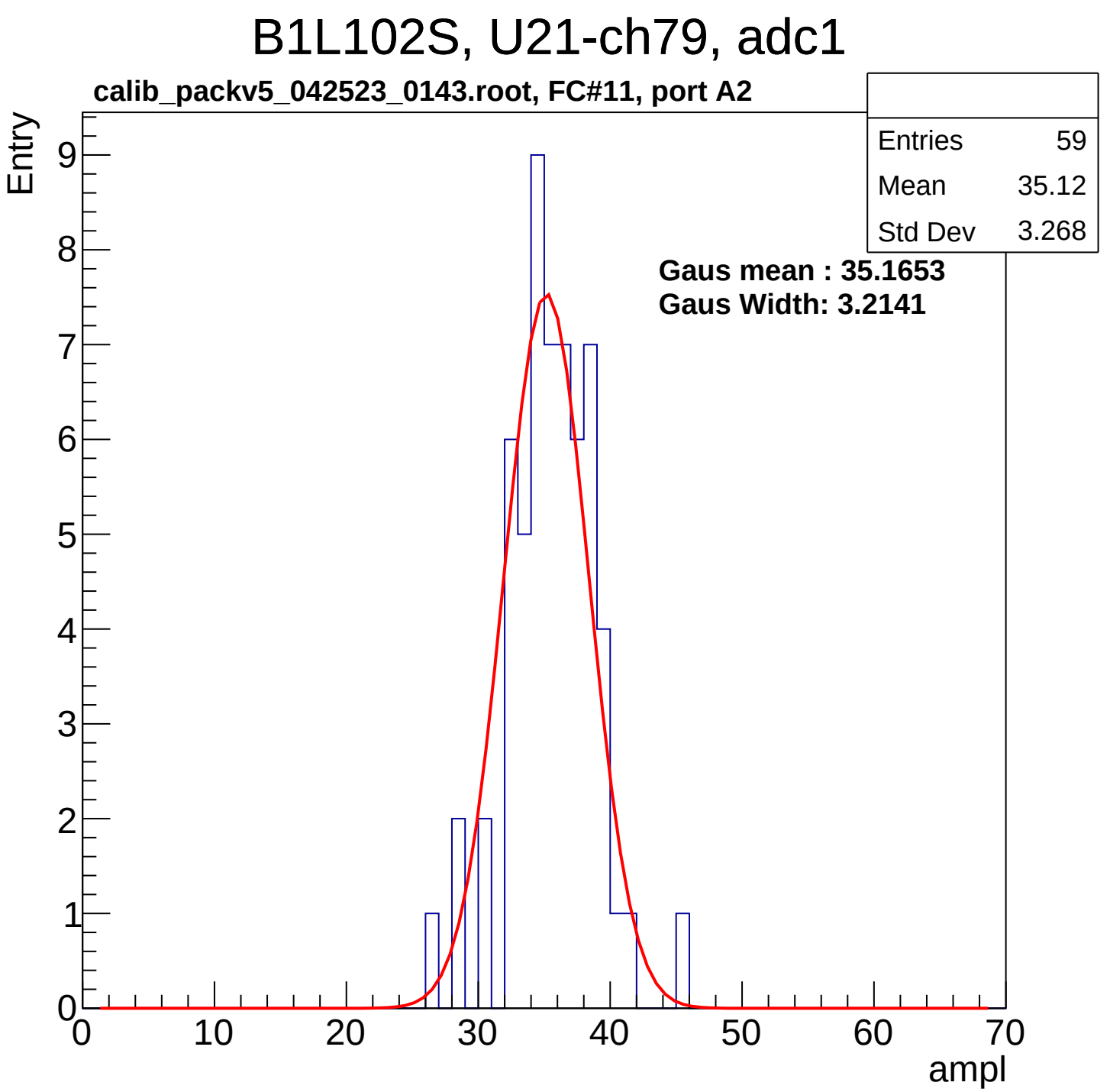
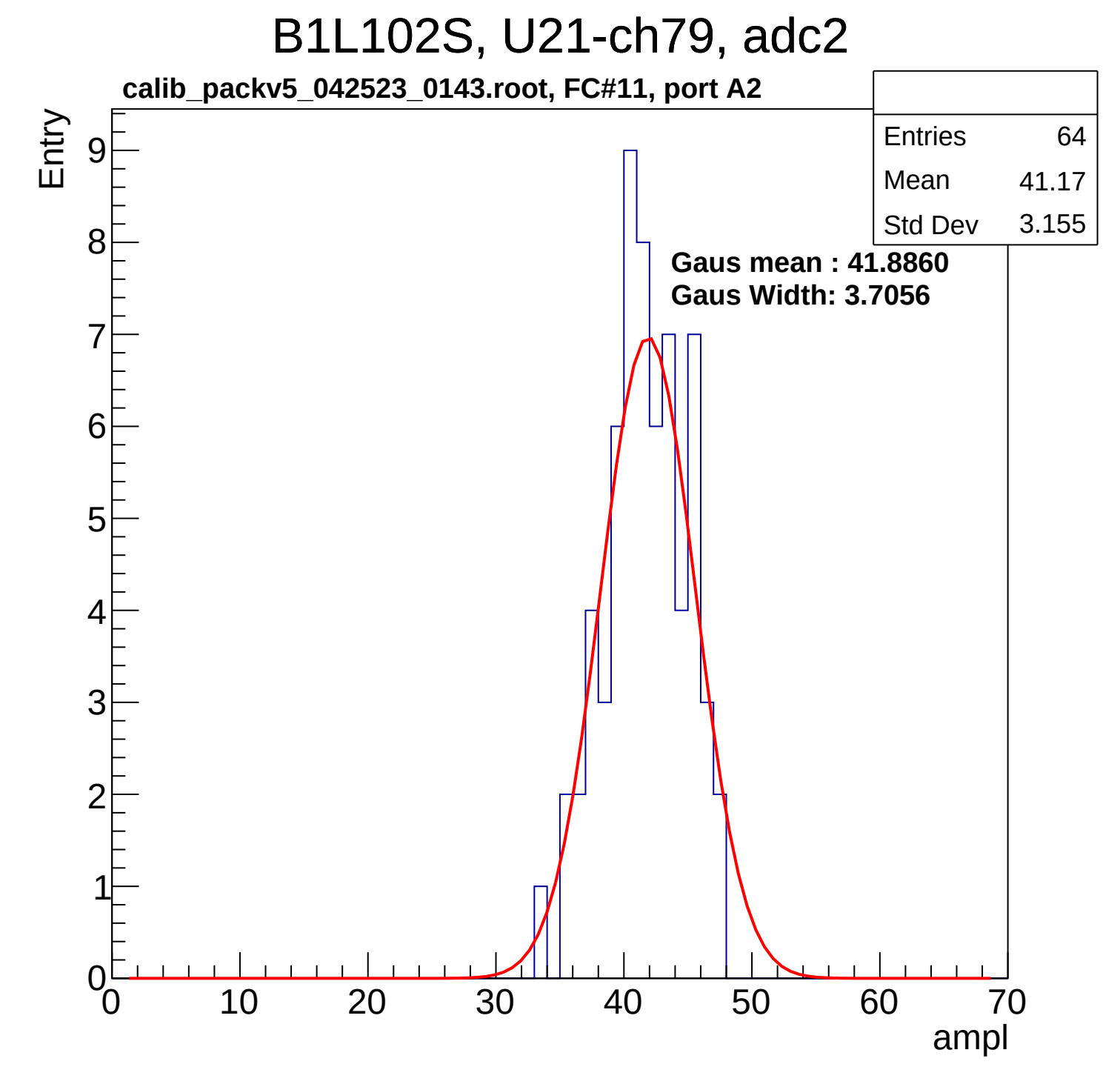

B1L102S, U21-ch78, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 47
Mean 60.3
Std Dev 2.342
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

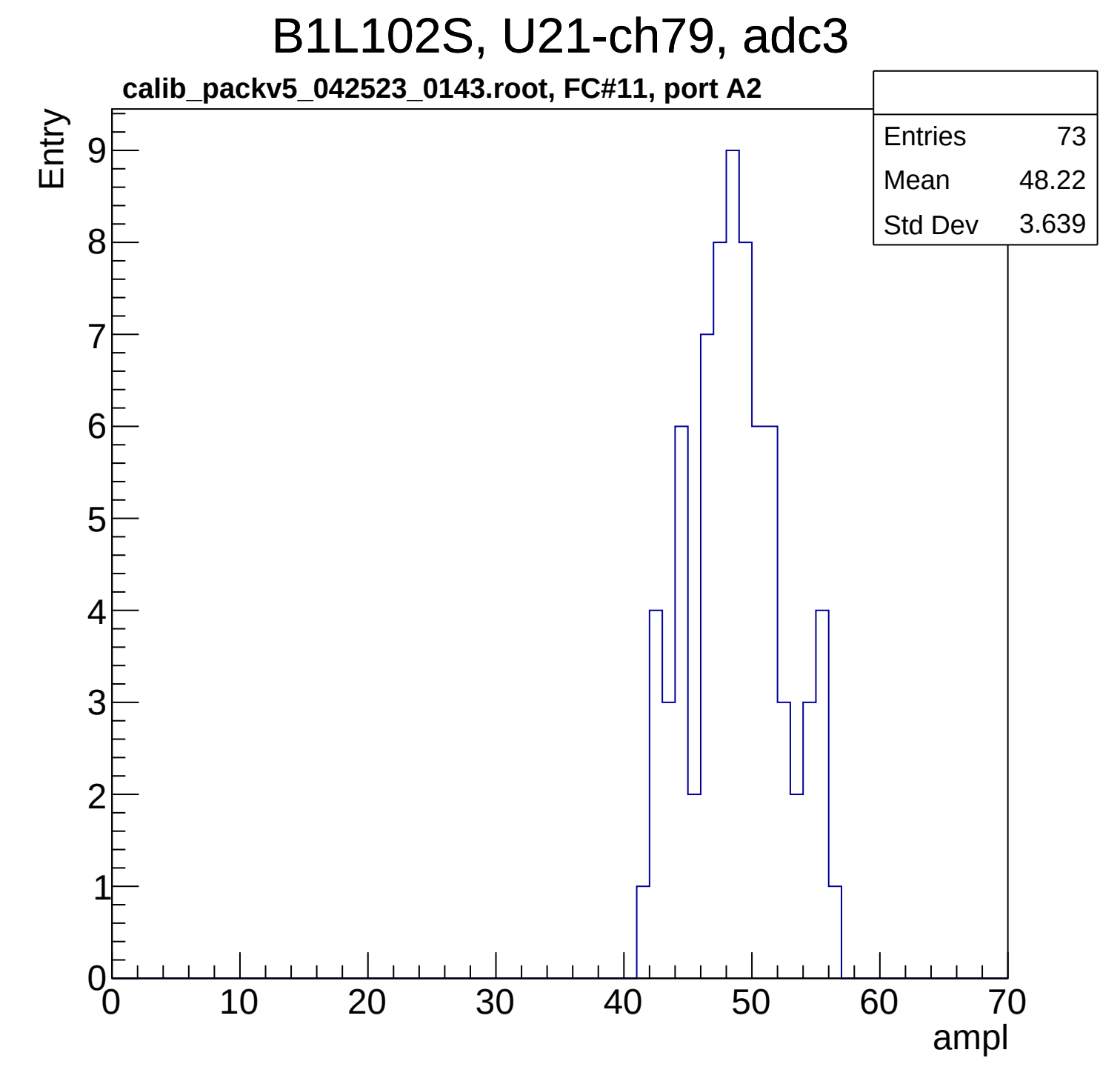

B1L102S, U21-ch78, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 61
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L102S, U21-ch78, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch79, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 76
Mean 28.16
Std Dev 3.449
Gaus mean : 28.7271
Gaus Width: 3.4469
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch79, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 35.12
Std Dev 3.268
Gaus mean : 35.1653
Gaus Width: 3.2141
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch79, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 41.17
Std Dev 3.155
Gaus mean : 41.8860
Gaus Width: 3.7056
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L102S, U21-ch79, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 48.22
Std Dev 3.639
Entry
ampl
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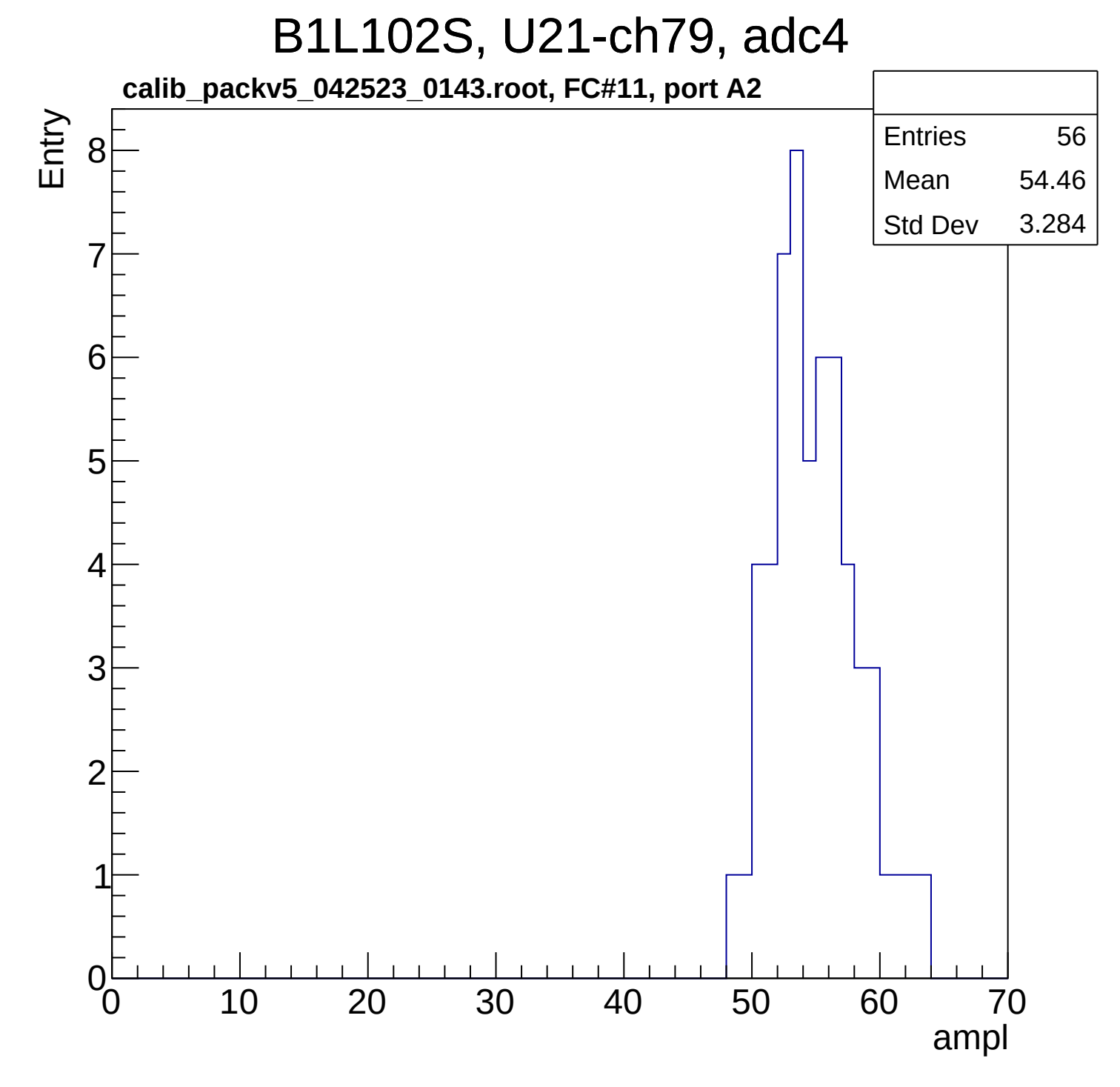
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch79, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 54.46
Std Dev 3.284
Entry
ampl
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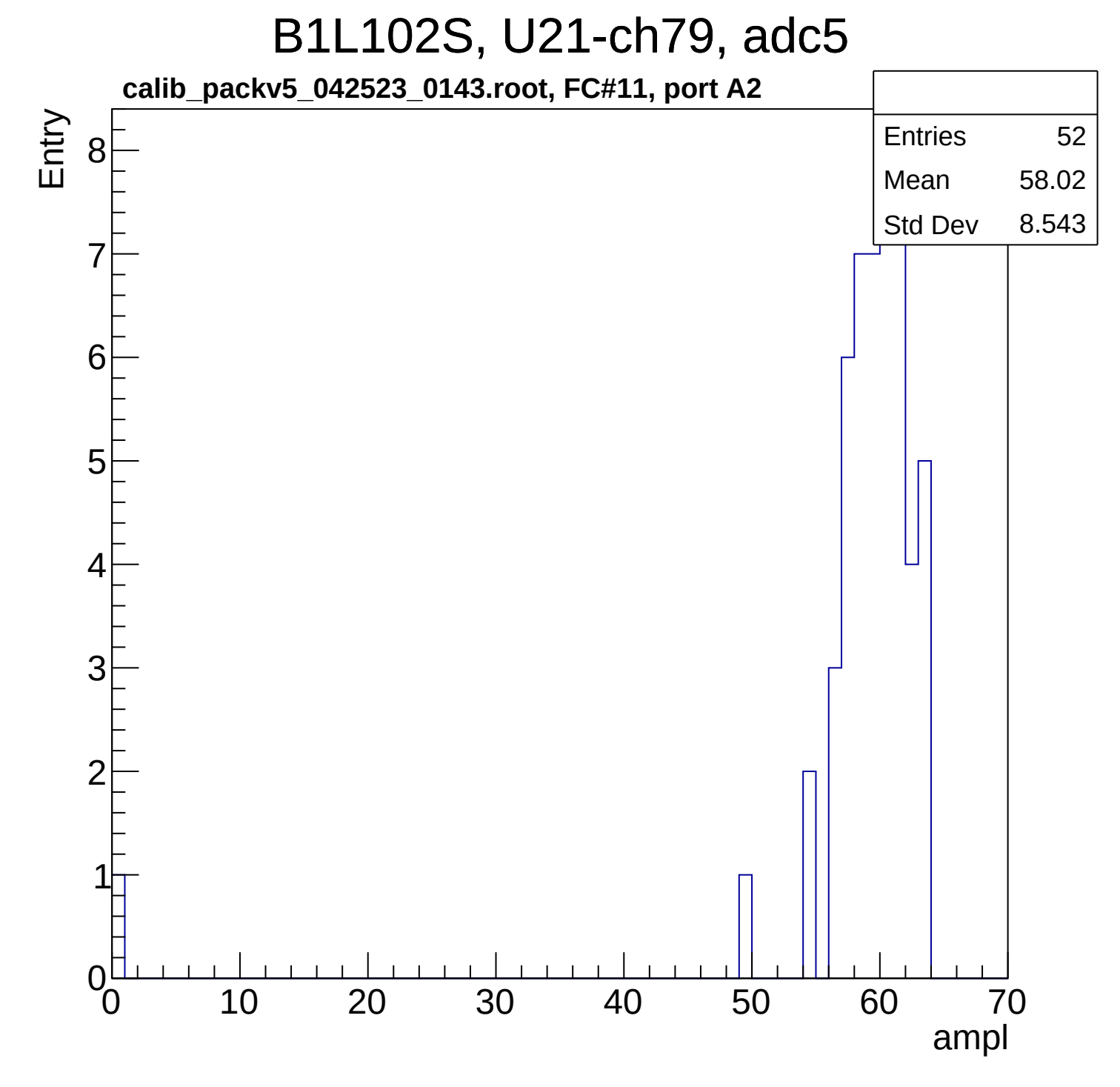
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch79, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 58.02
Std Dev 8.543
Entry
ampl
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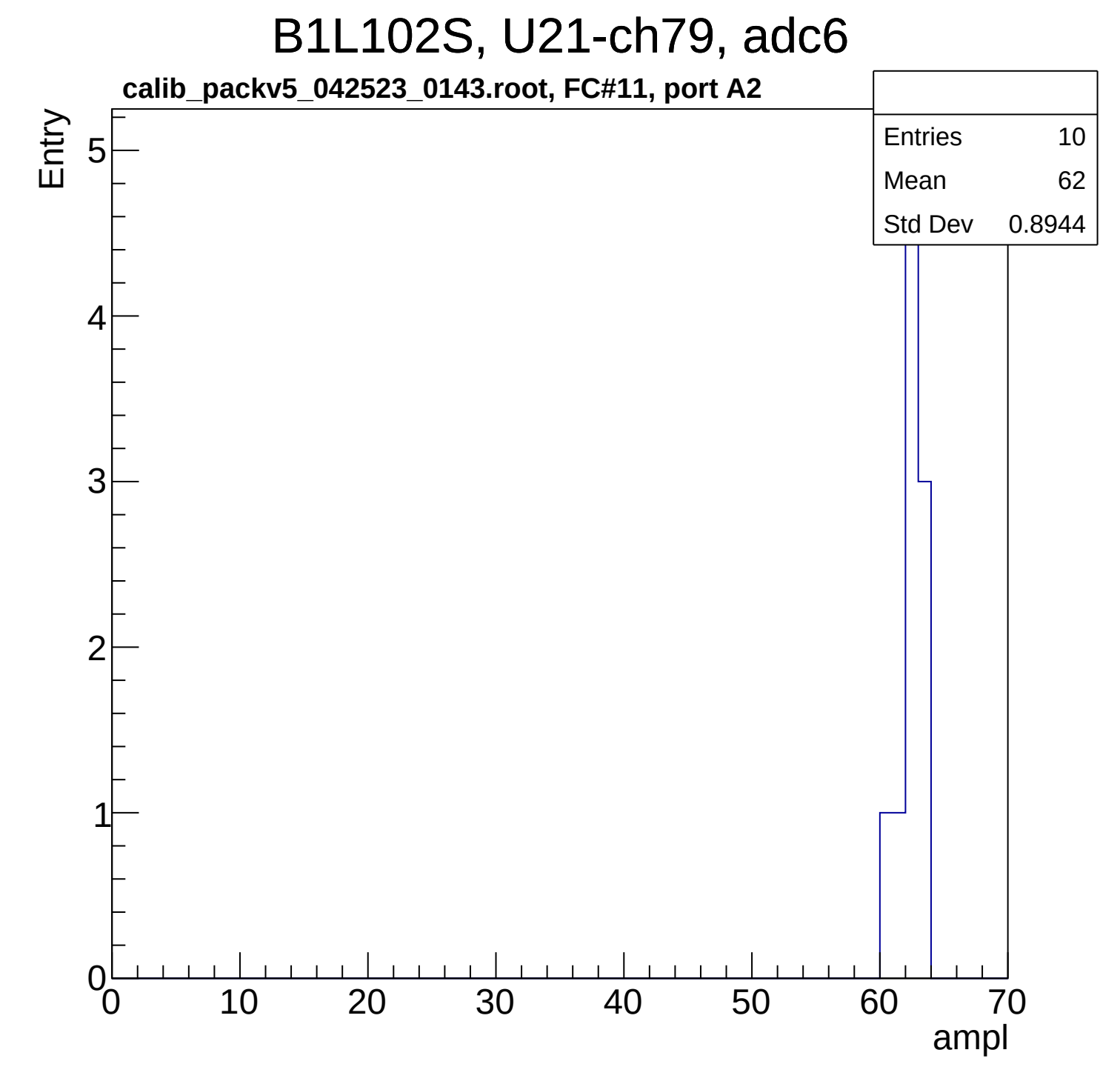
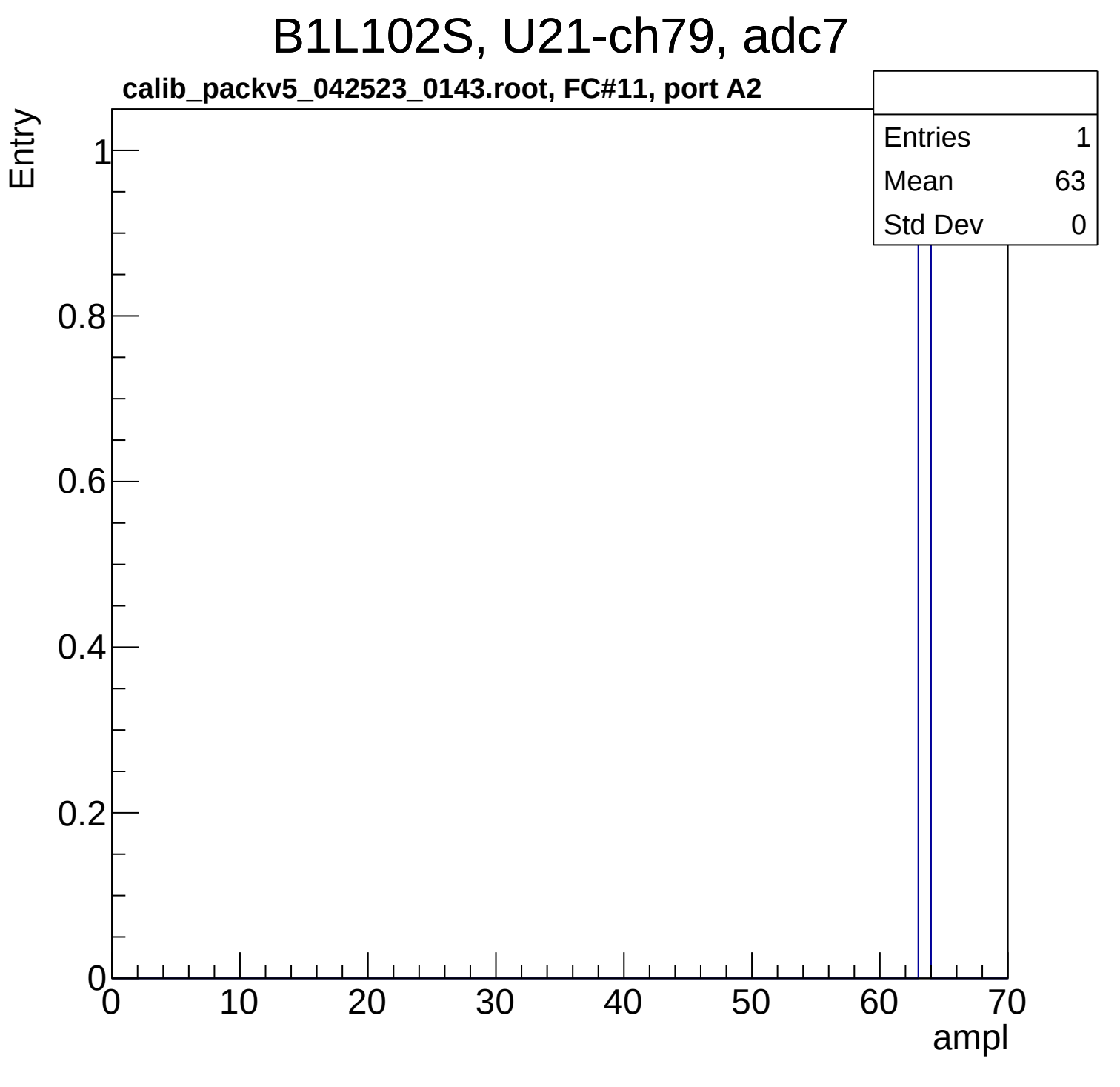
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch79, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 10
Mean 62
Std Dev 0.8944
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch79, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 63
Std Dev 0
Entry
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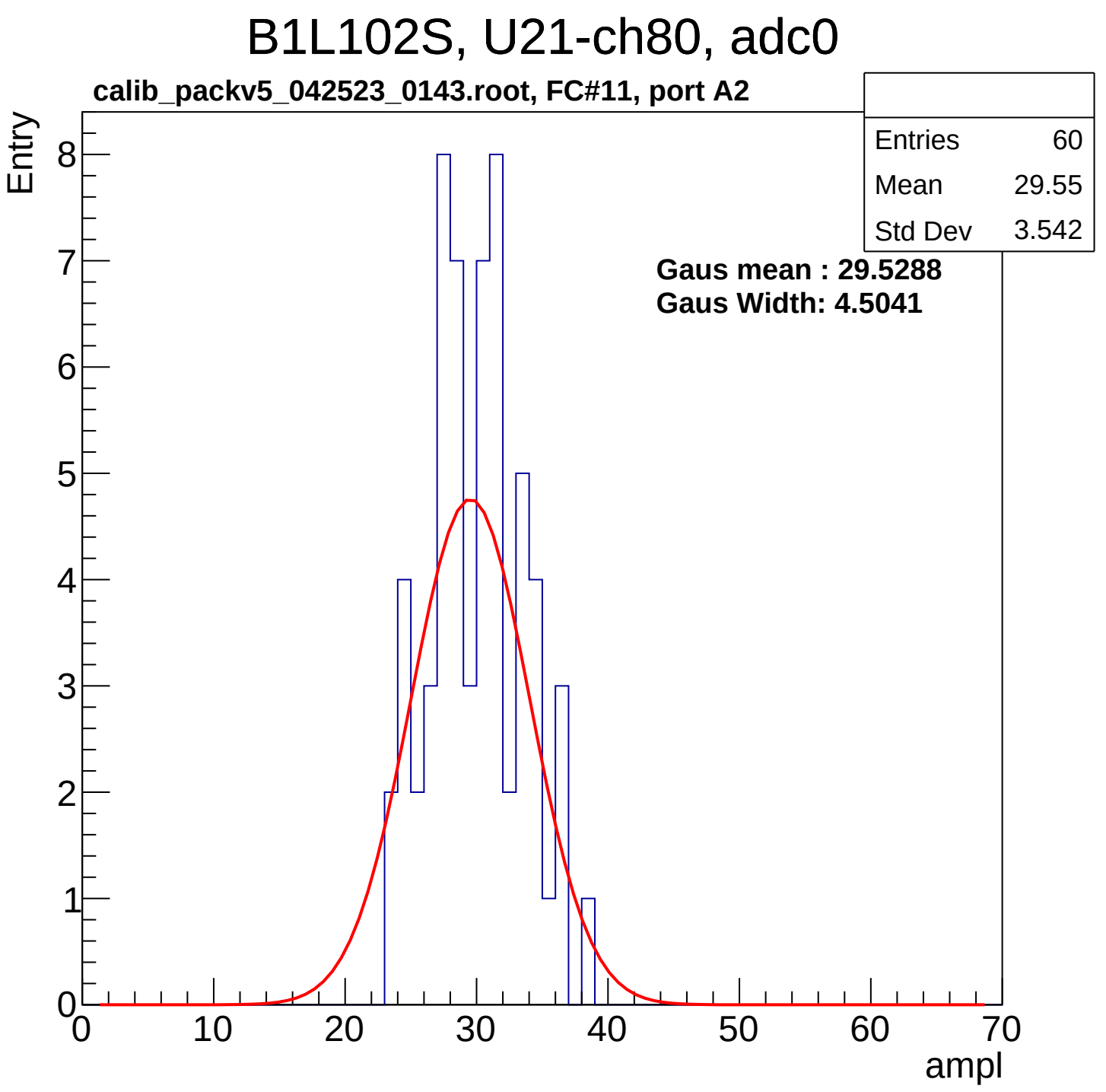
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch80, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 29.55
Std Dev 3.542
Gaus mean : 29.5288
Gaus Width: 4.5041
Entry
ampl
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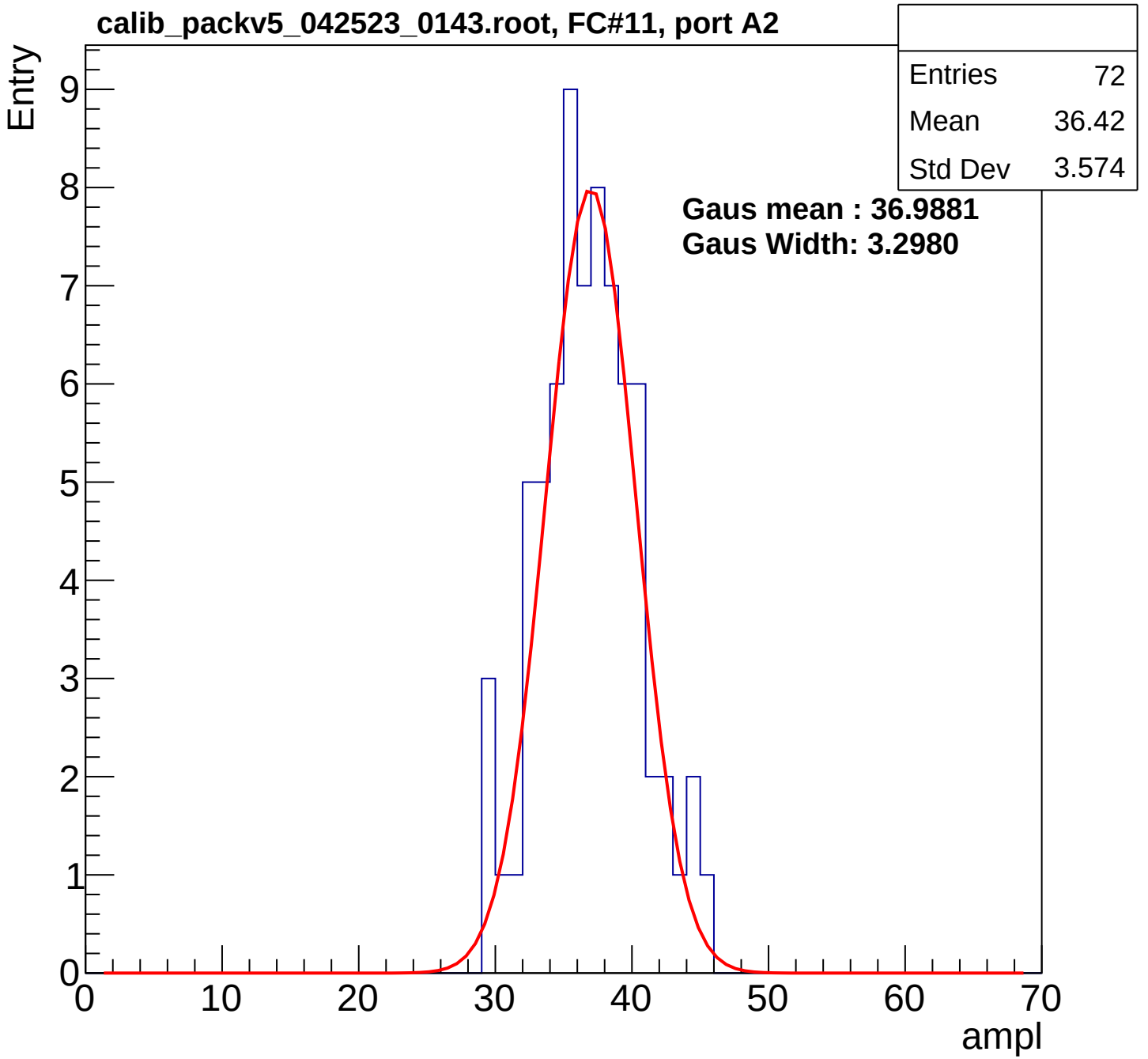
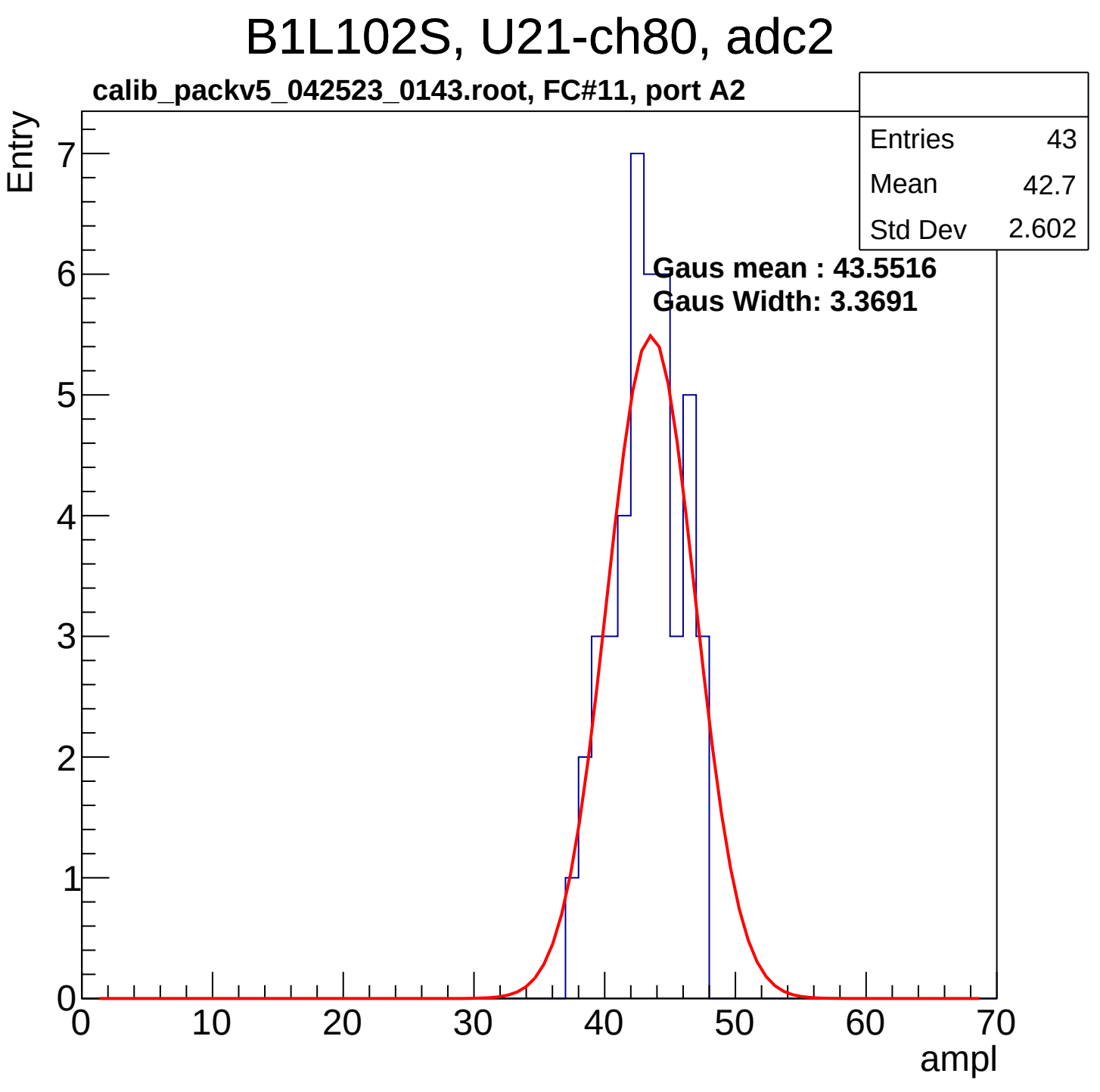
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch80, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 36.42
Std Dev 3.574
Gaus mean : 36.9881
Gaus Width: 3.2980
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch80, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 43
Mean 42.7
Std Dev 2.602
Gaus mean : 43.5516
Gaus Width: 3.3691
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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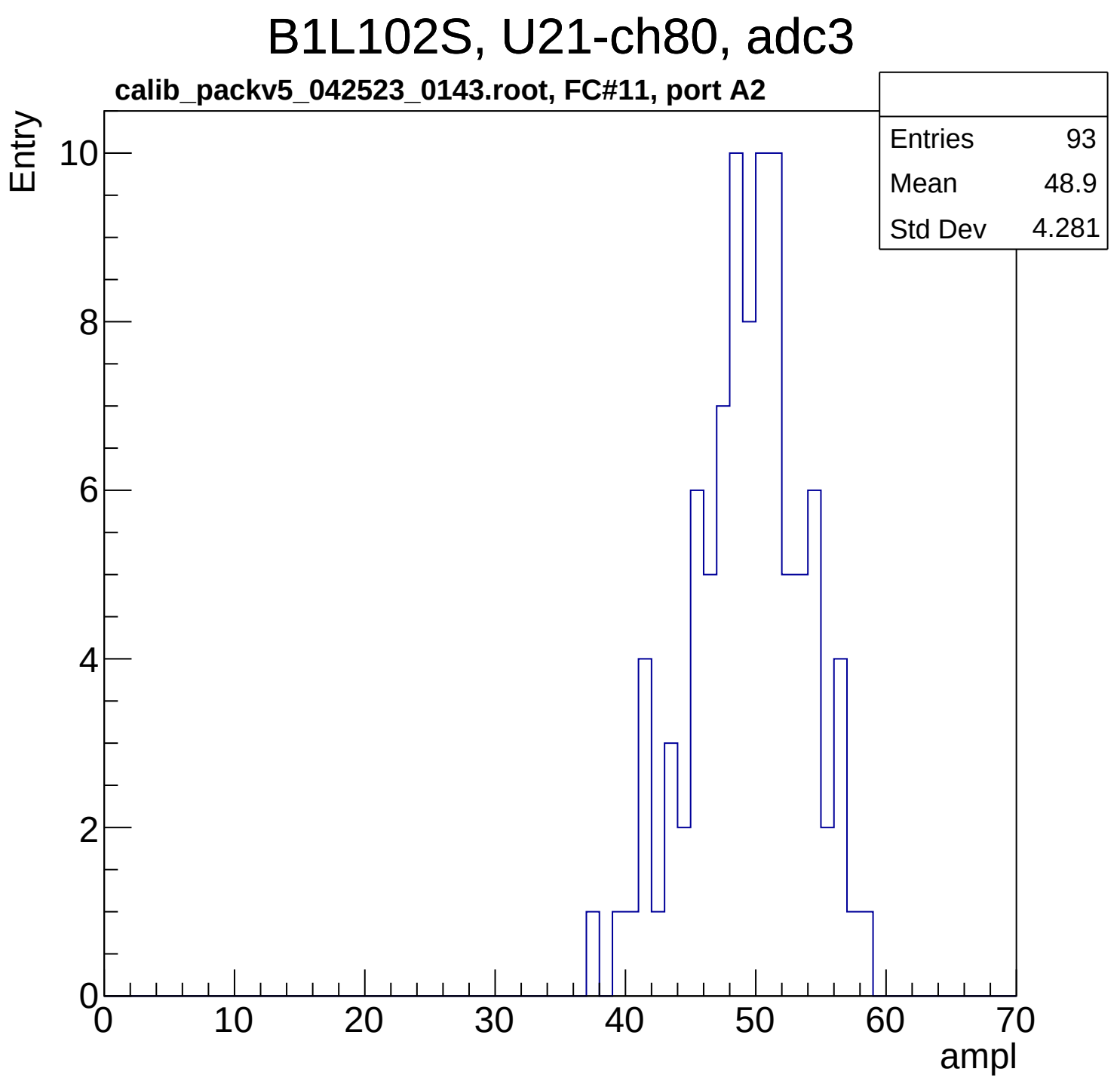
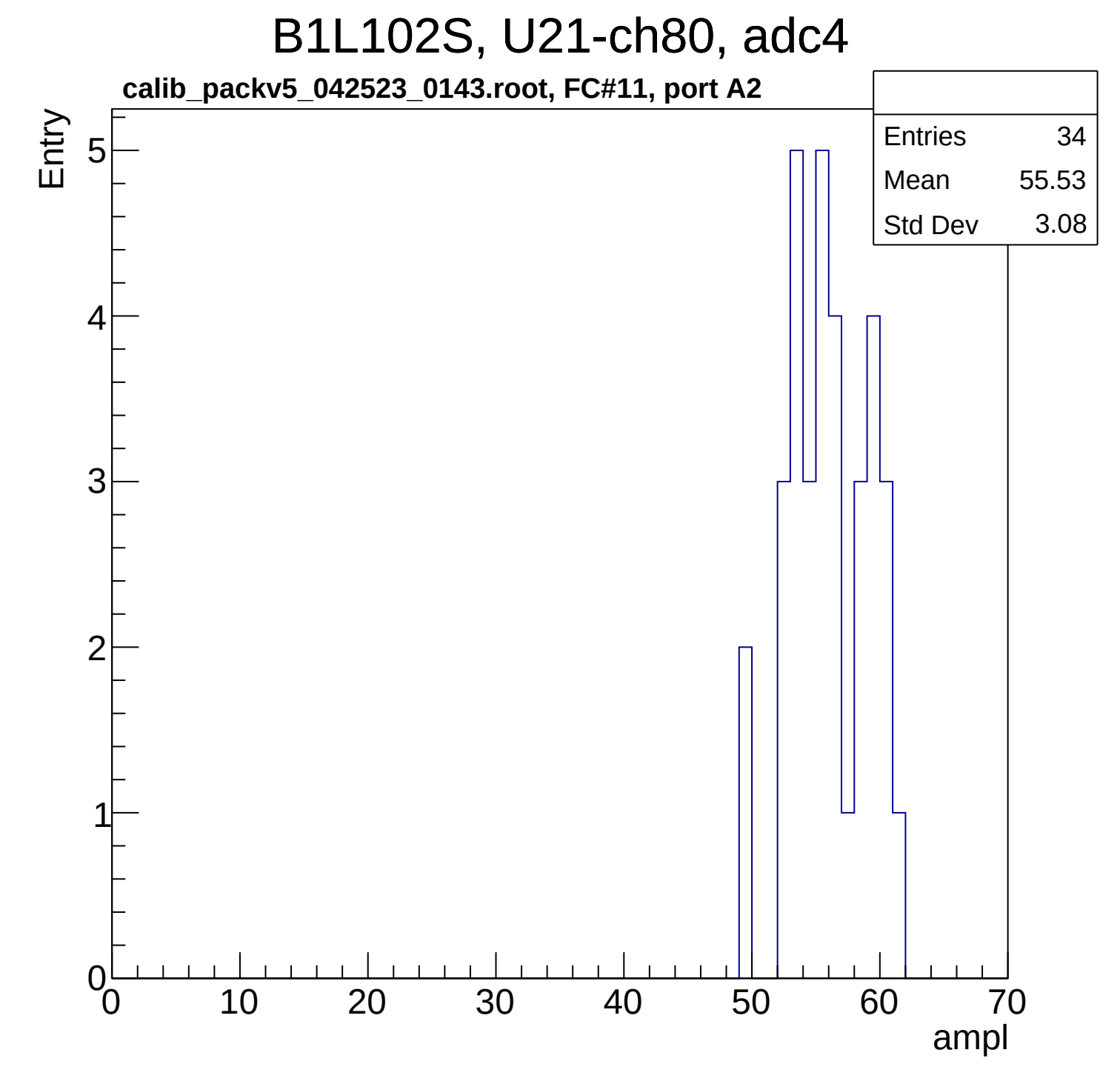
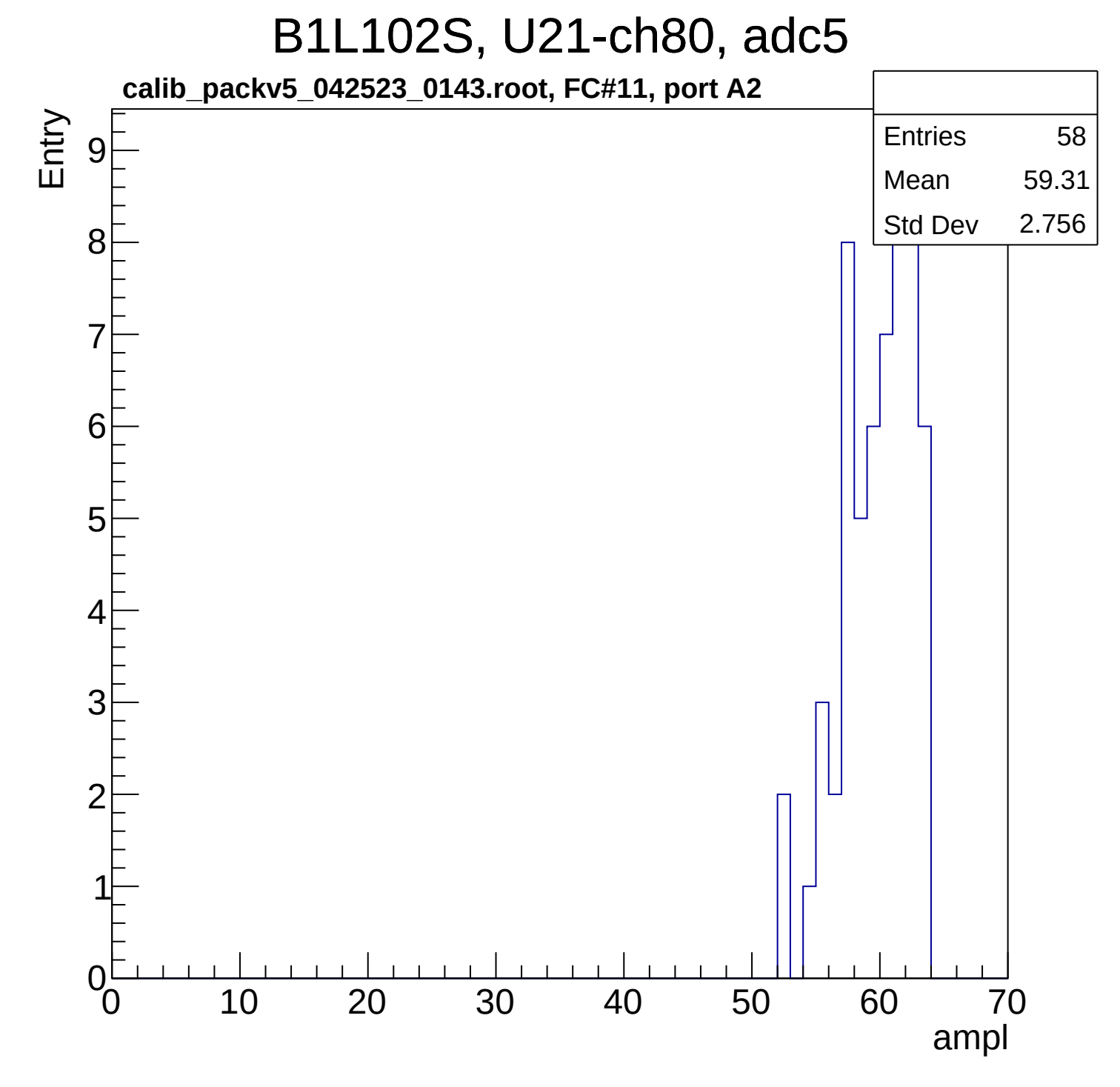

B1L102S, U21-ch80, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 93
Mean 48.9
Std Dev 4.281
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch80, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 34
Mean 55.53
Std Dev 3.08
Entry
0
1
2
3
4
5
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch80, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 59.31
Std Dev 2.756
Entry
ampl
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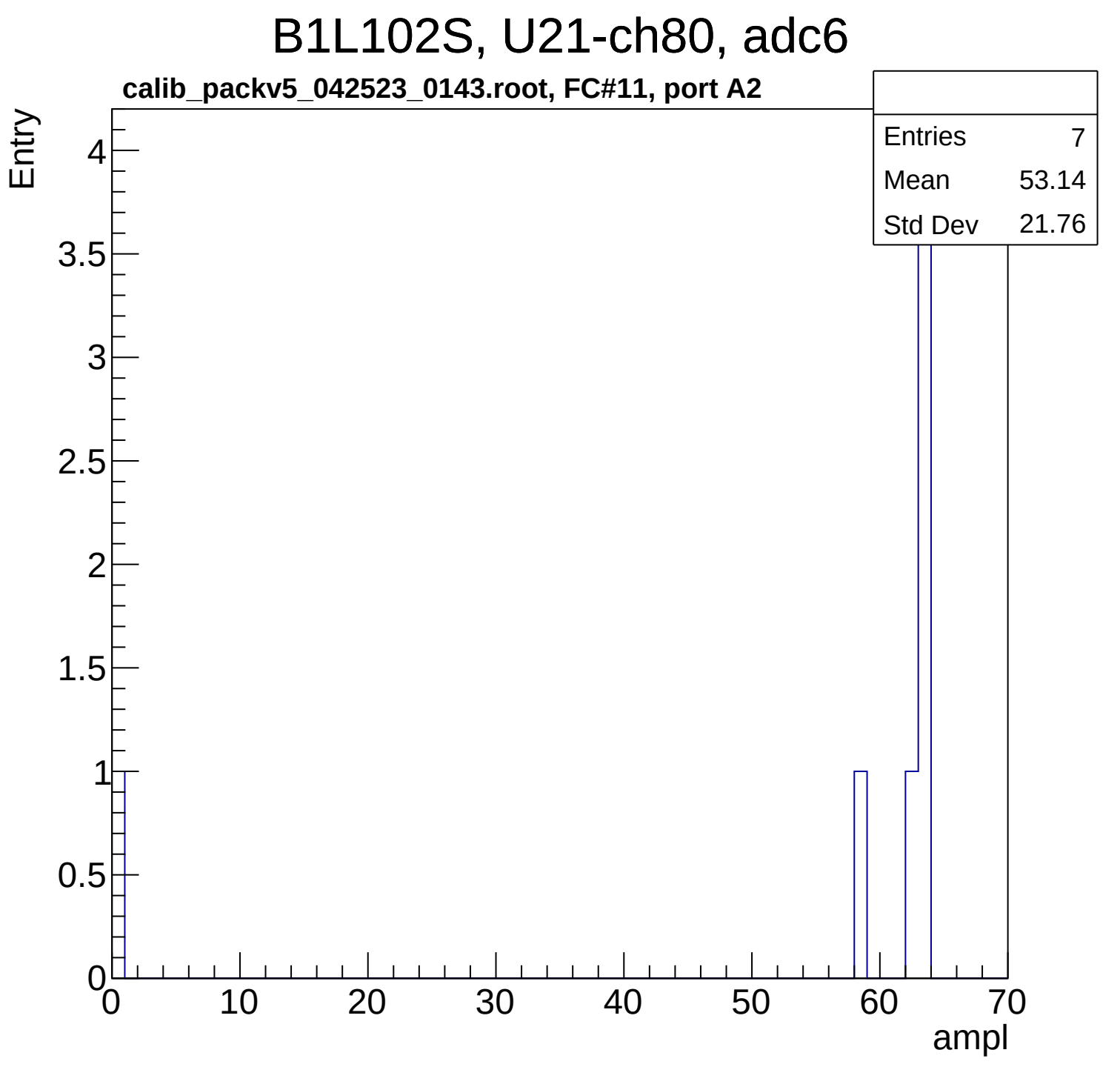
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch80, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 7
Mean 53.14
Std Dev 21.76
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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60
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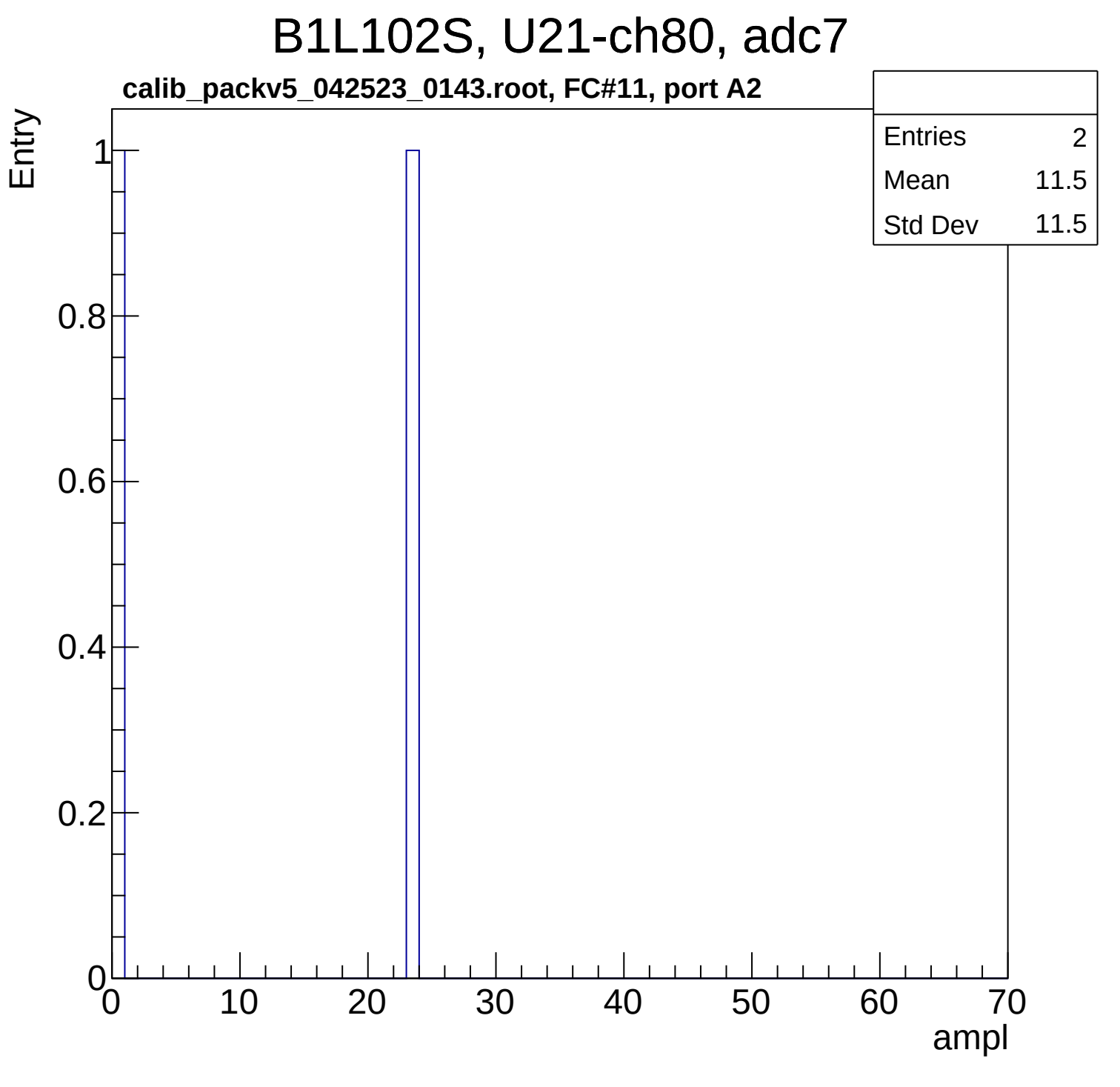
B1L102S, U21-ch80, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 11.5
Std Dev 11.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
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20
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40
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60
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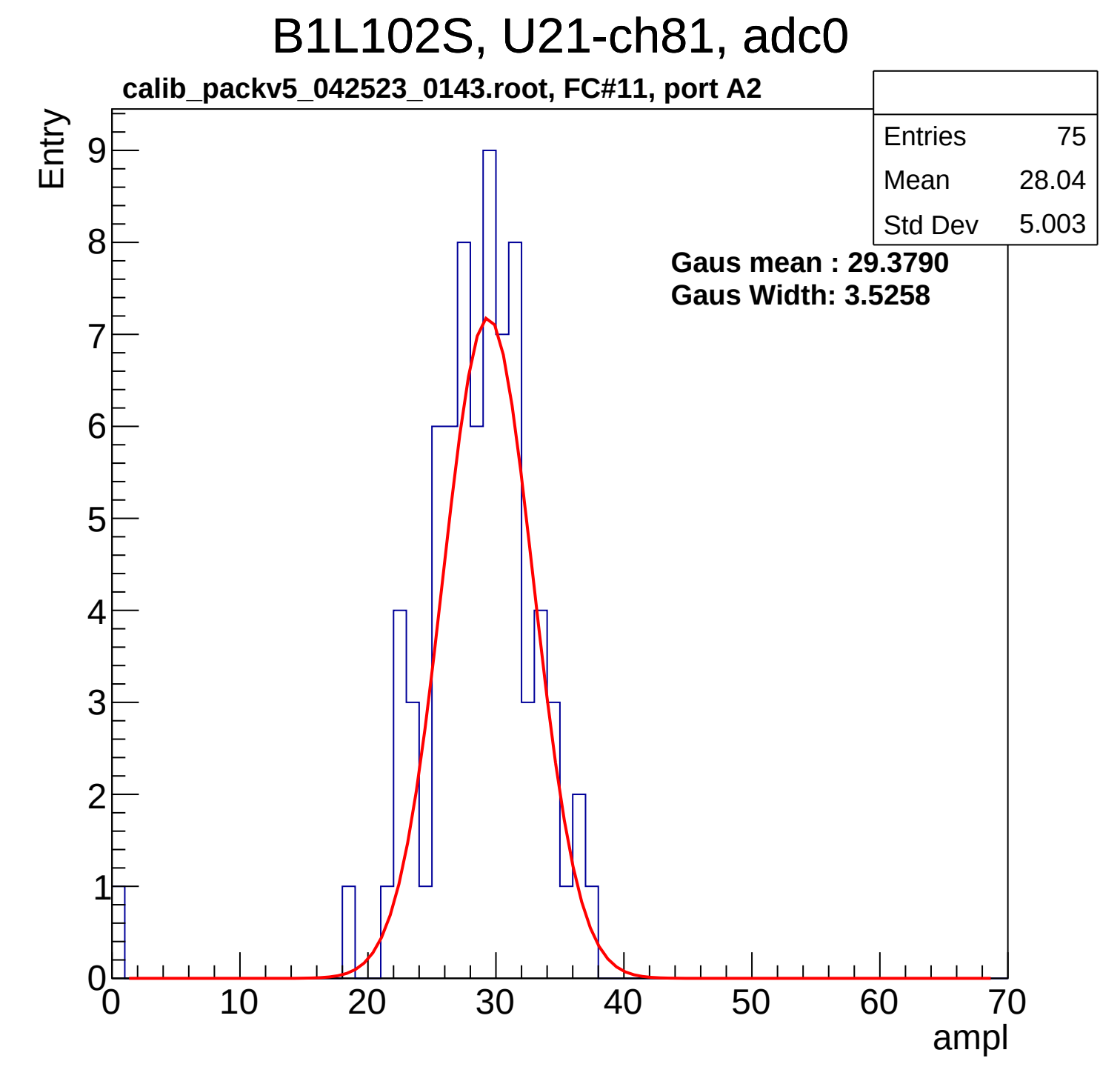
B1L102S, U21-ch81, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 28.04
Std Dev 5.003
Gaus mean : 29.3790
Gaus Width: 3.5258
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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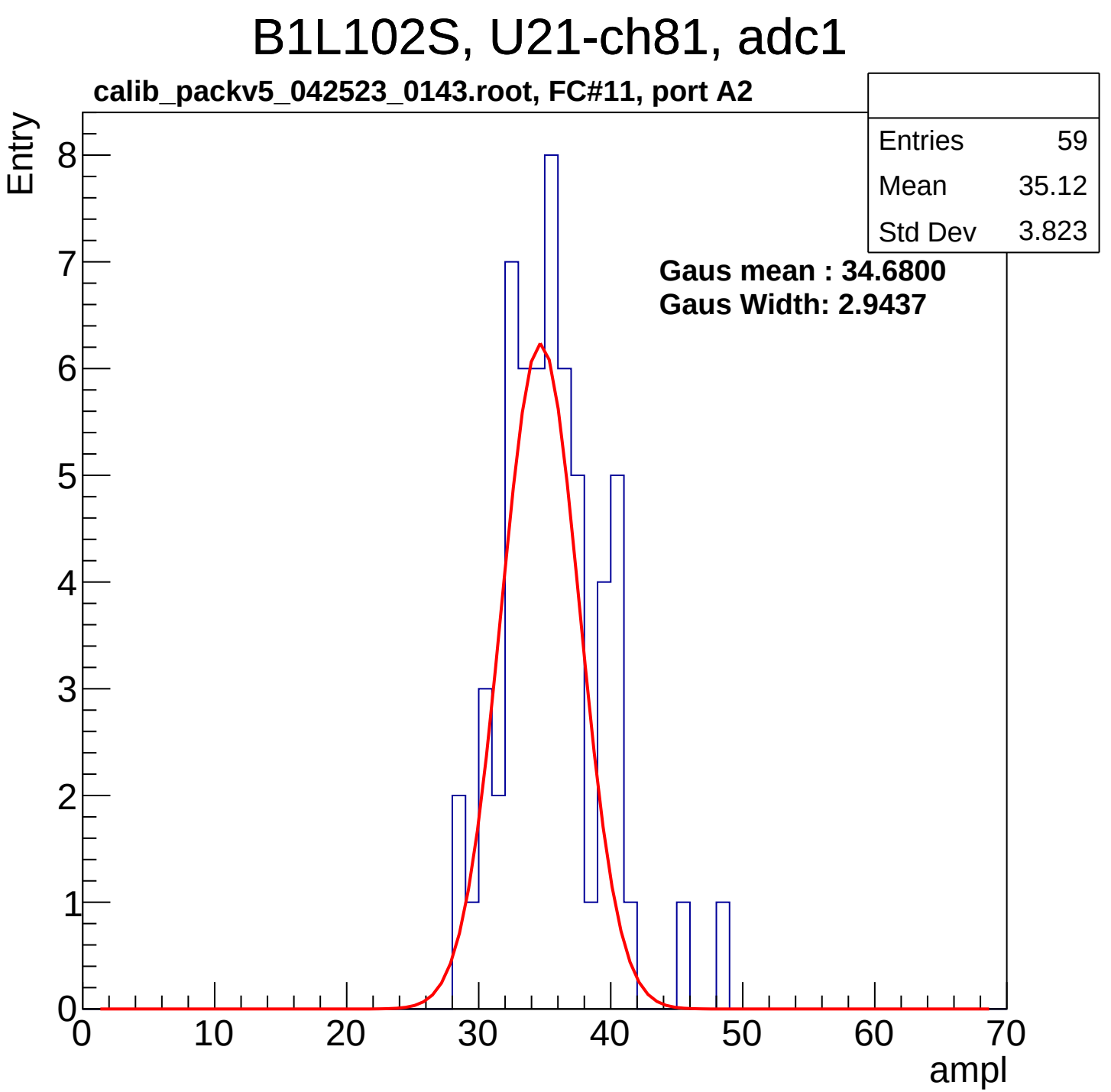
B1L102S, U21-ch81, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 35.12
Std Dev 3.823
Gaus mean : 34.6800
Gaus Width: 2.9437
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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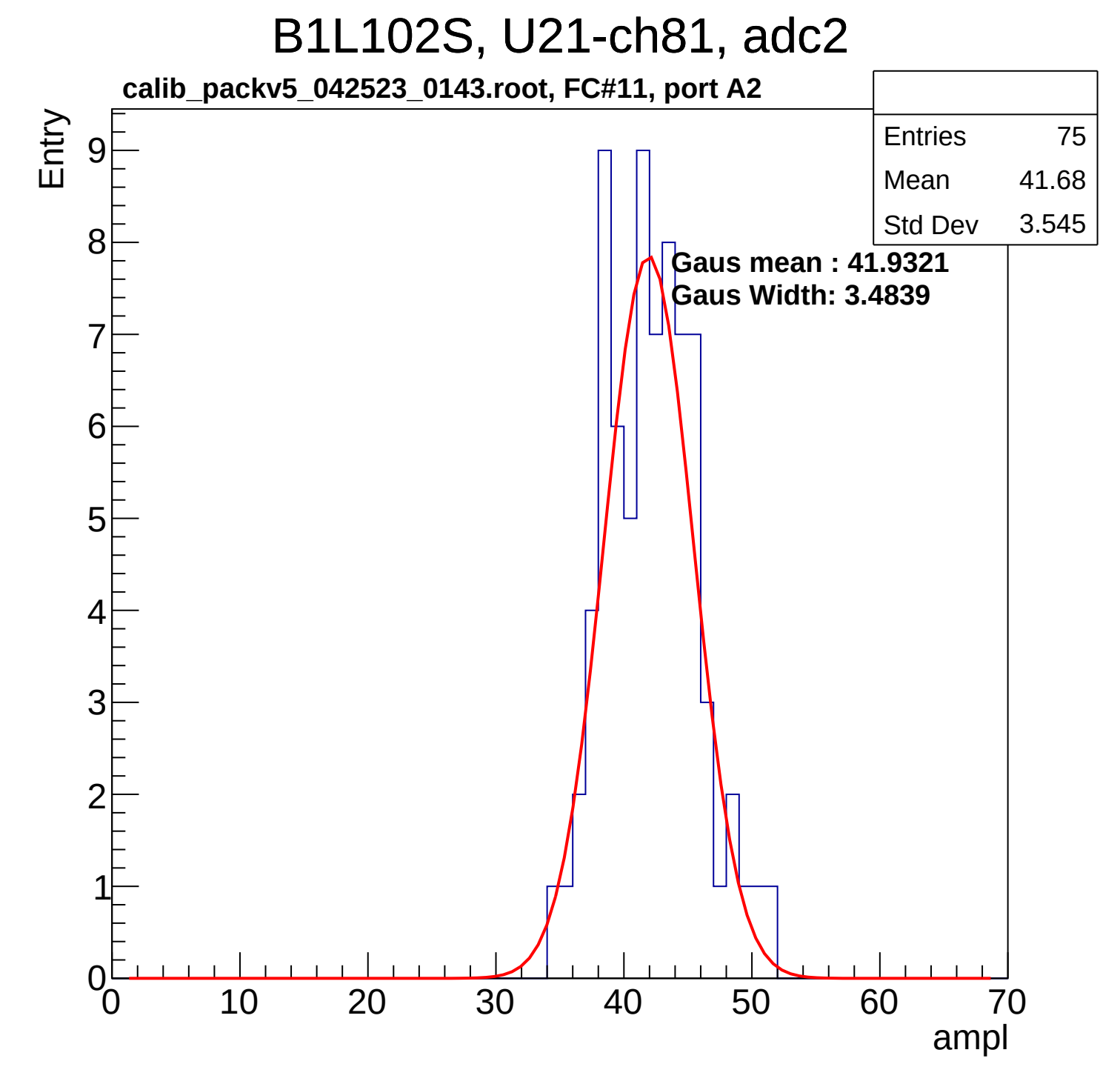
B1L102S, U21-ch81, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 41.68
Std Dev 3.545
Gaus mean : 41.9321
Gaus Width: 3.4839
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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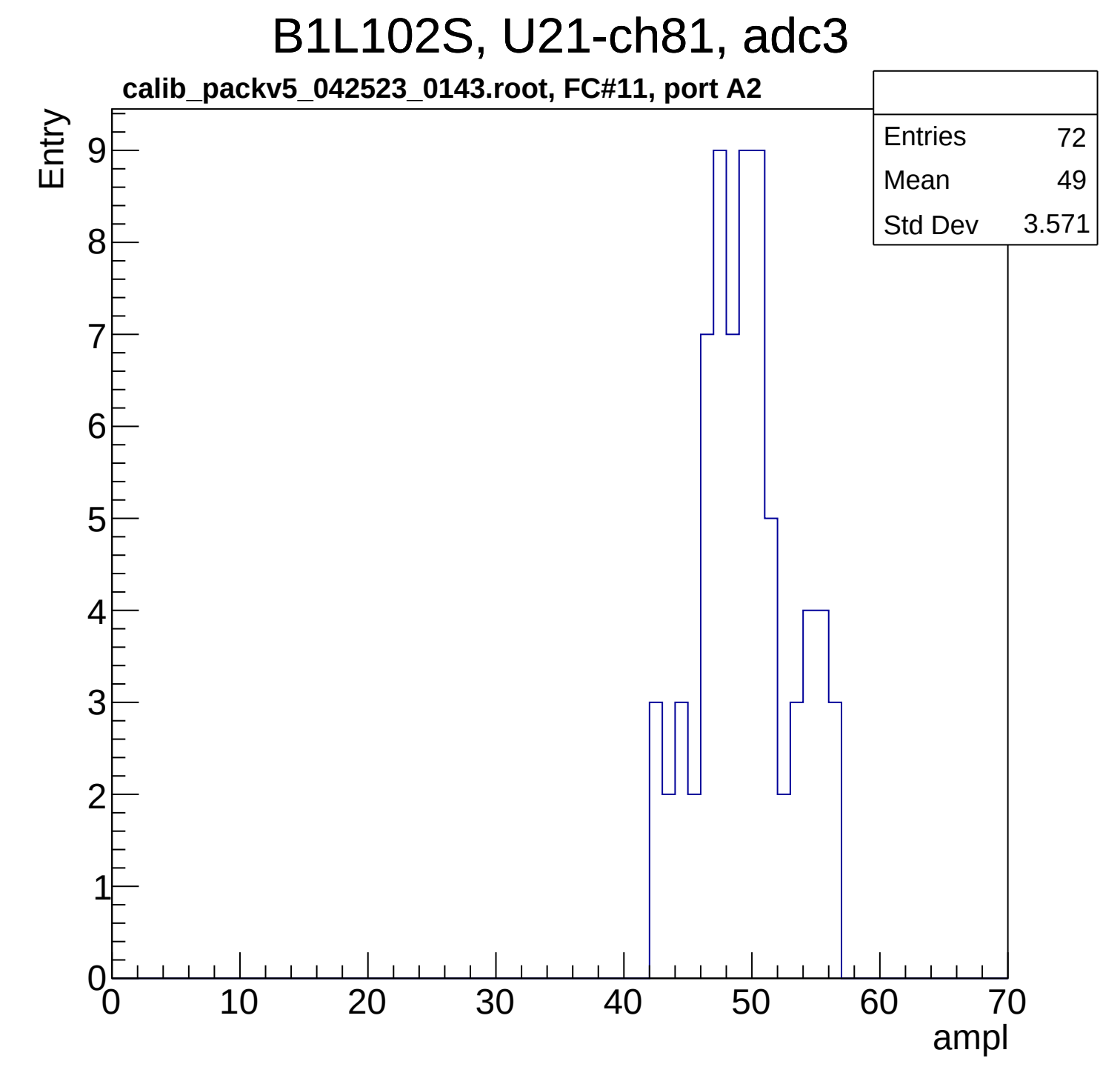
B1L102S, U21-ch81, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 49
Std Dev 3.571
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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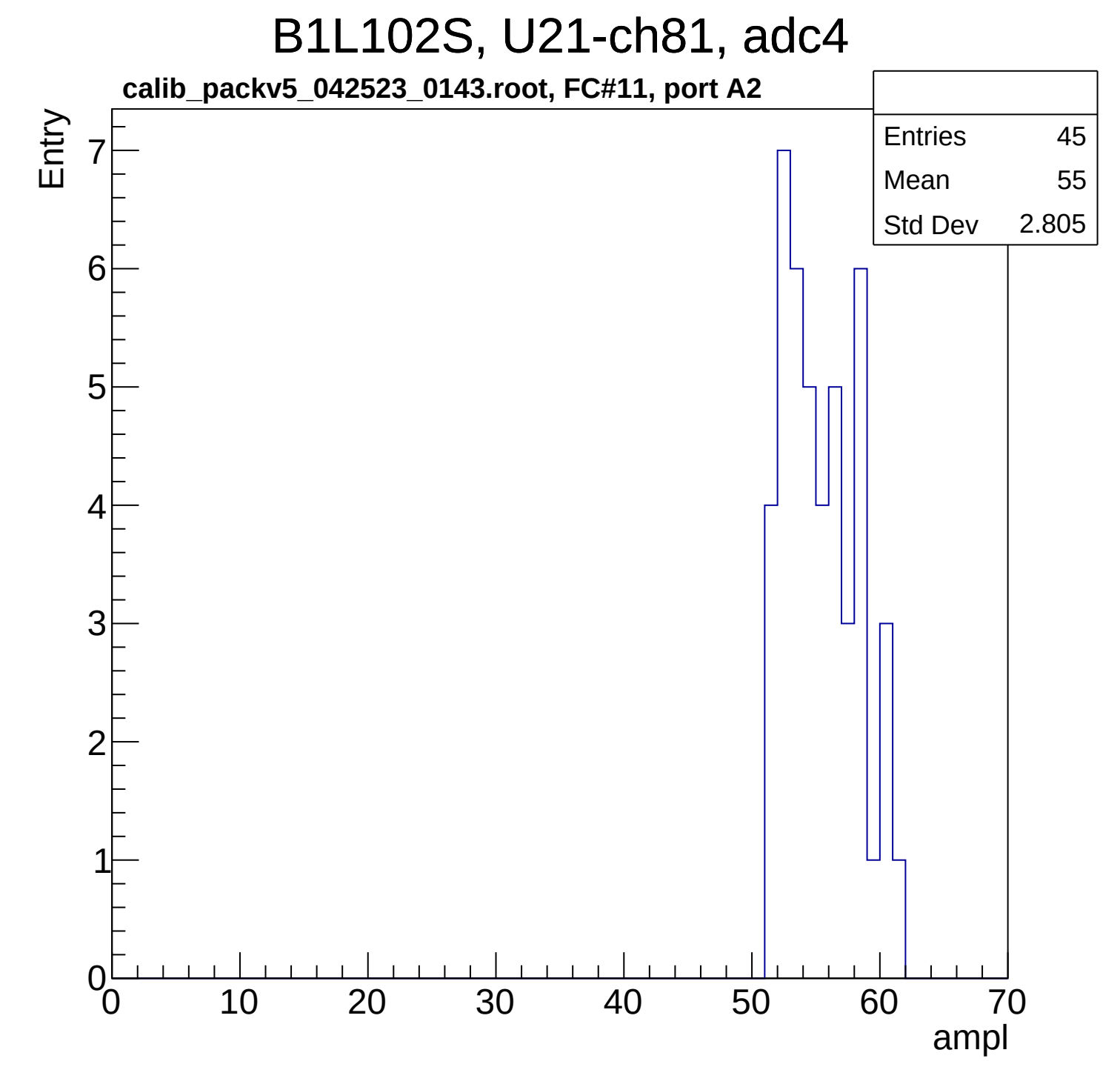
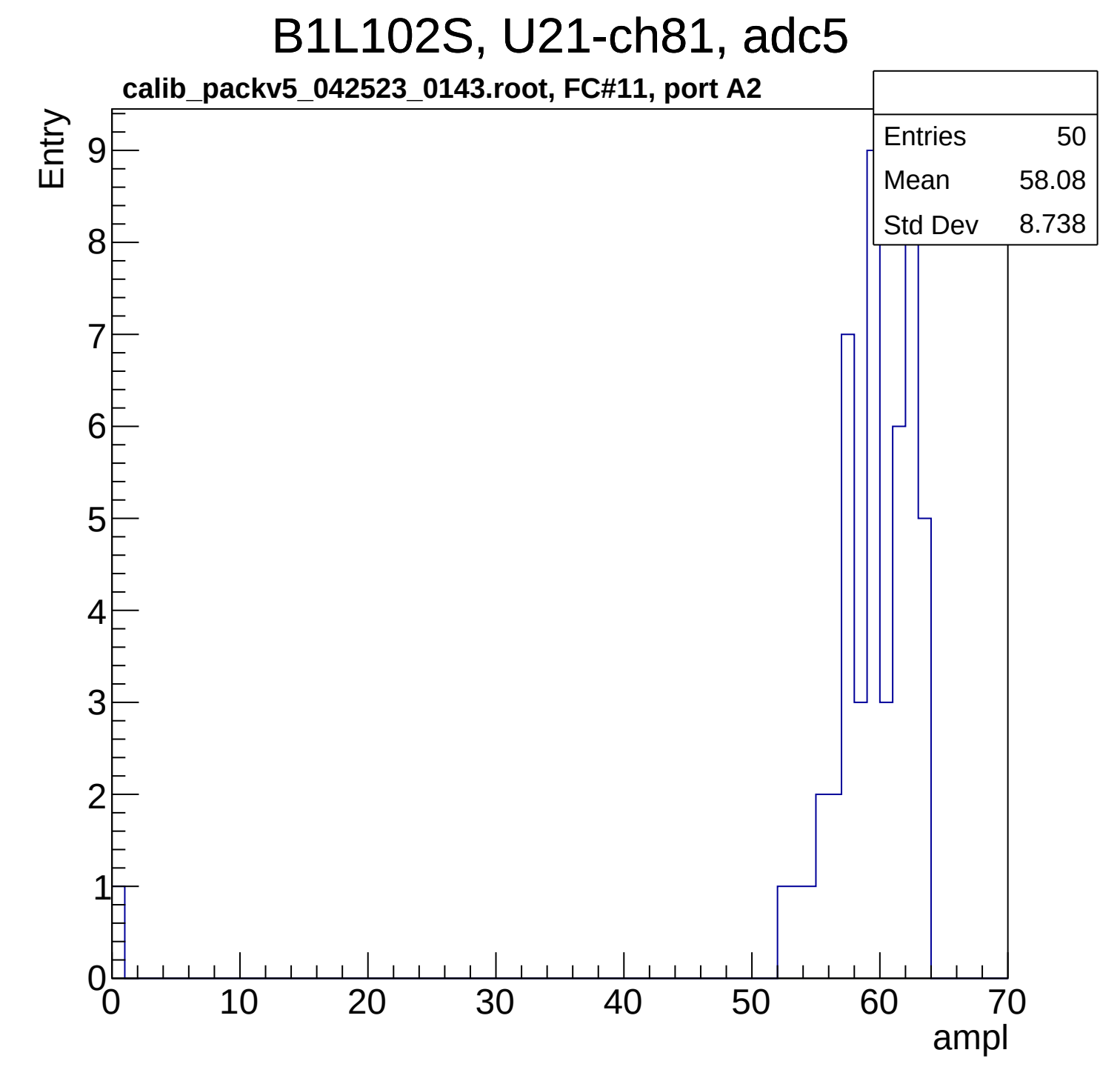

B1L102S, U21-ch81, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 45
Mean 55
Std Dev 2.805
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch81, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 50
Mean 58.08
Std Dev 8.738
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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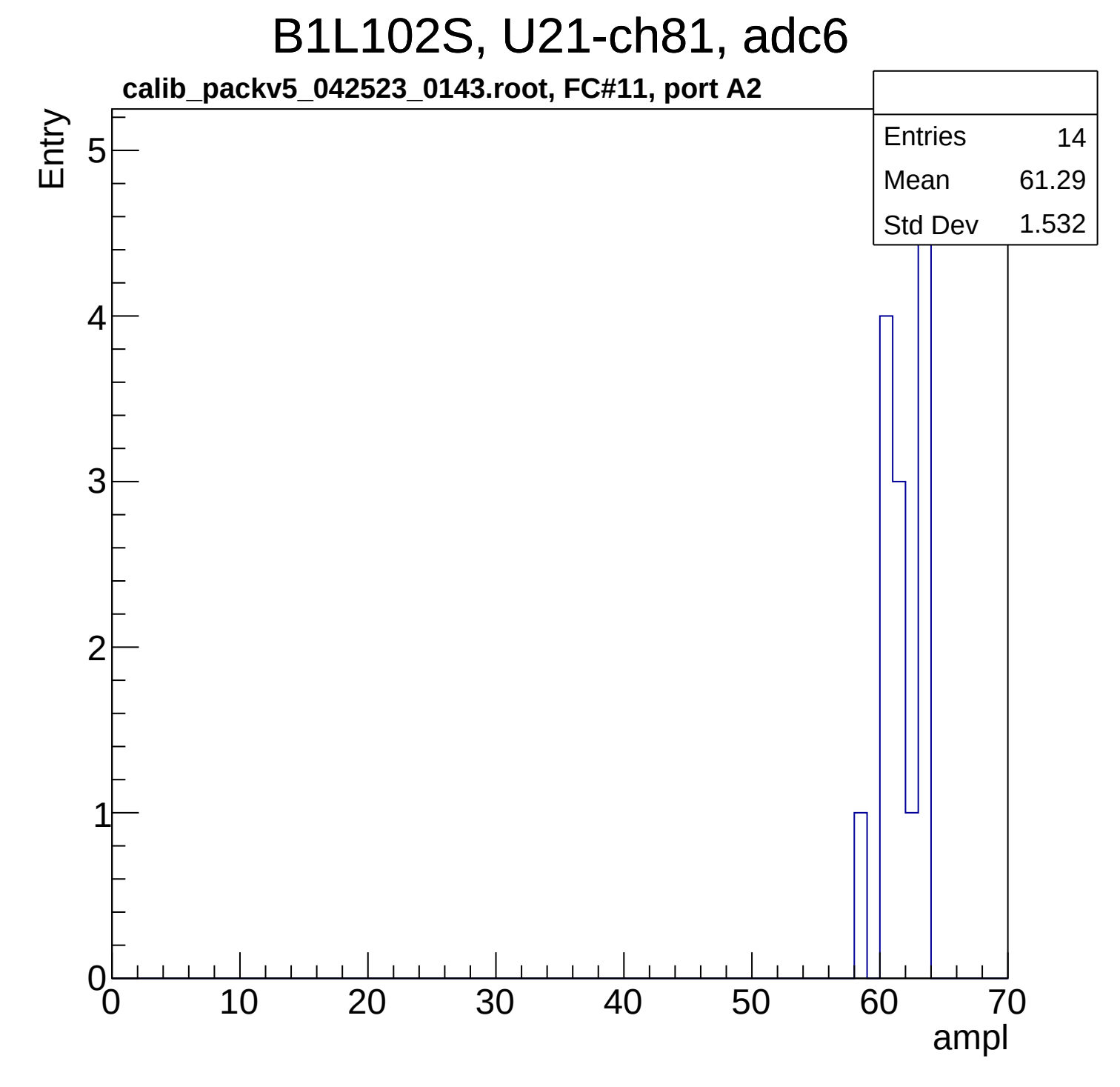
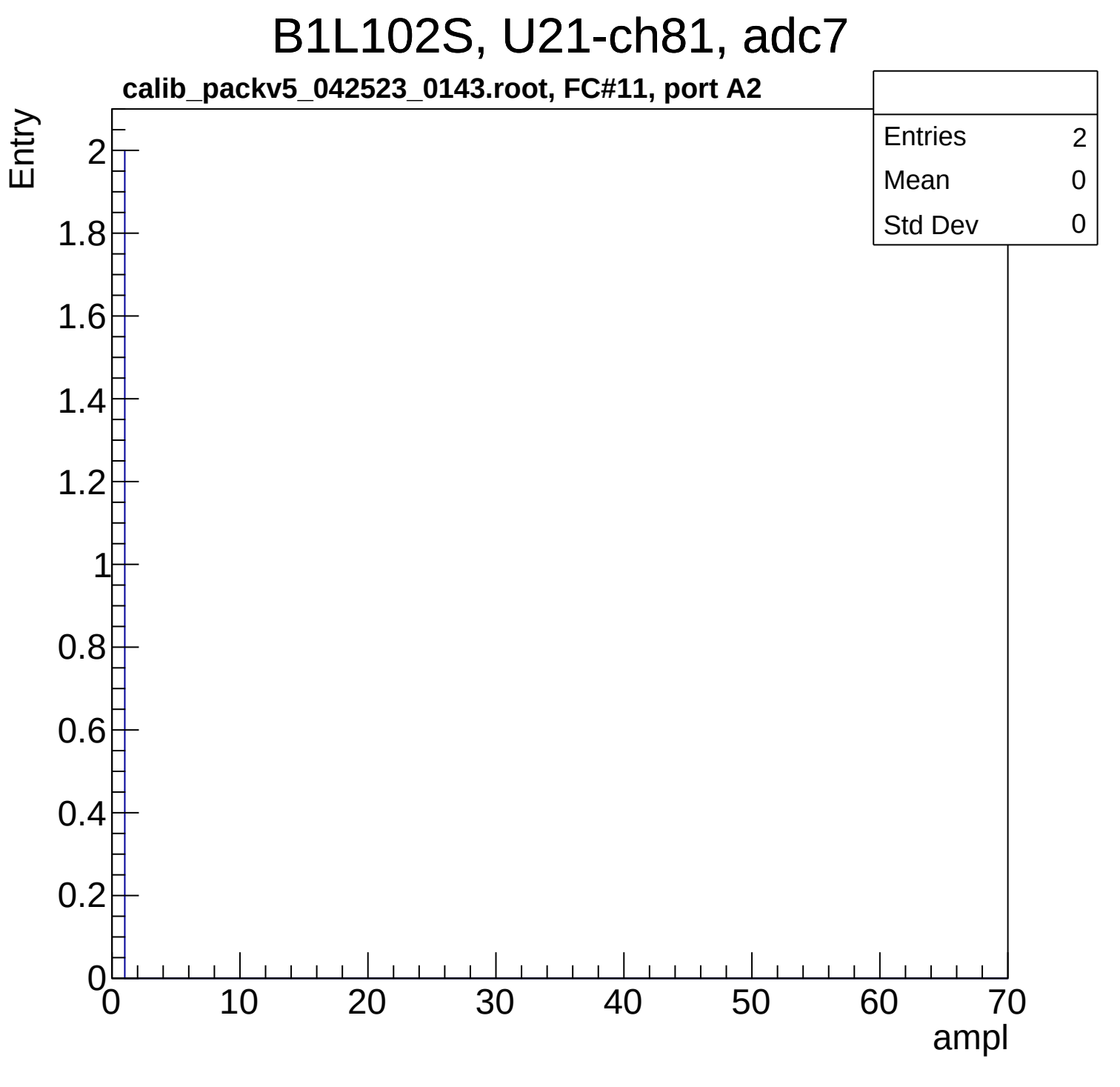
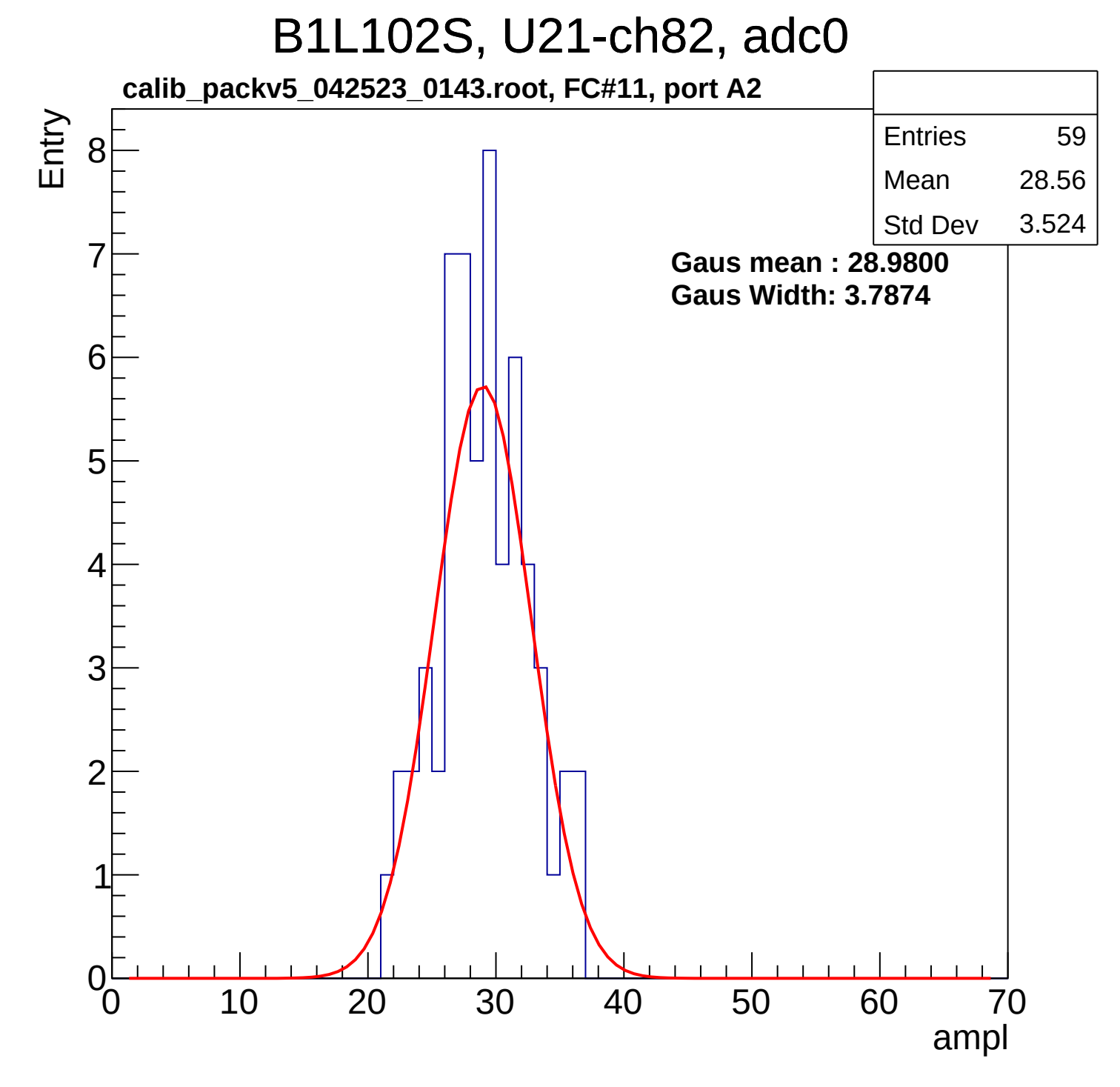
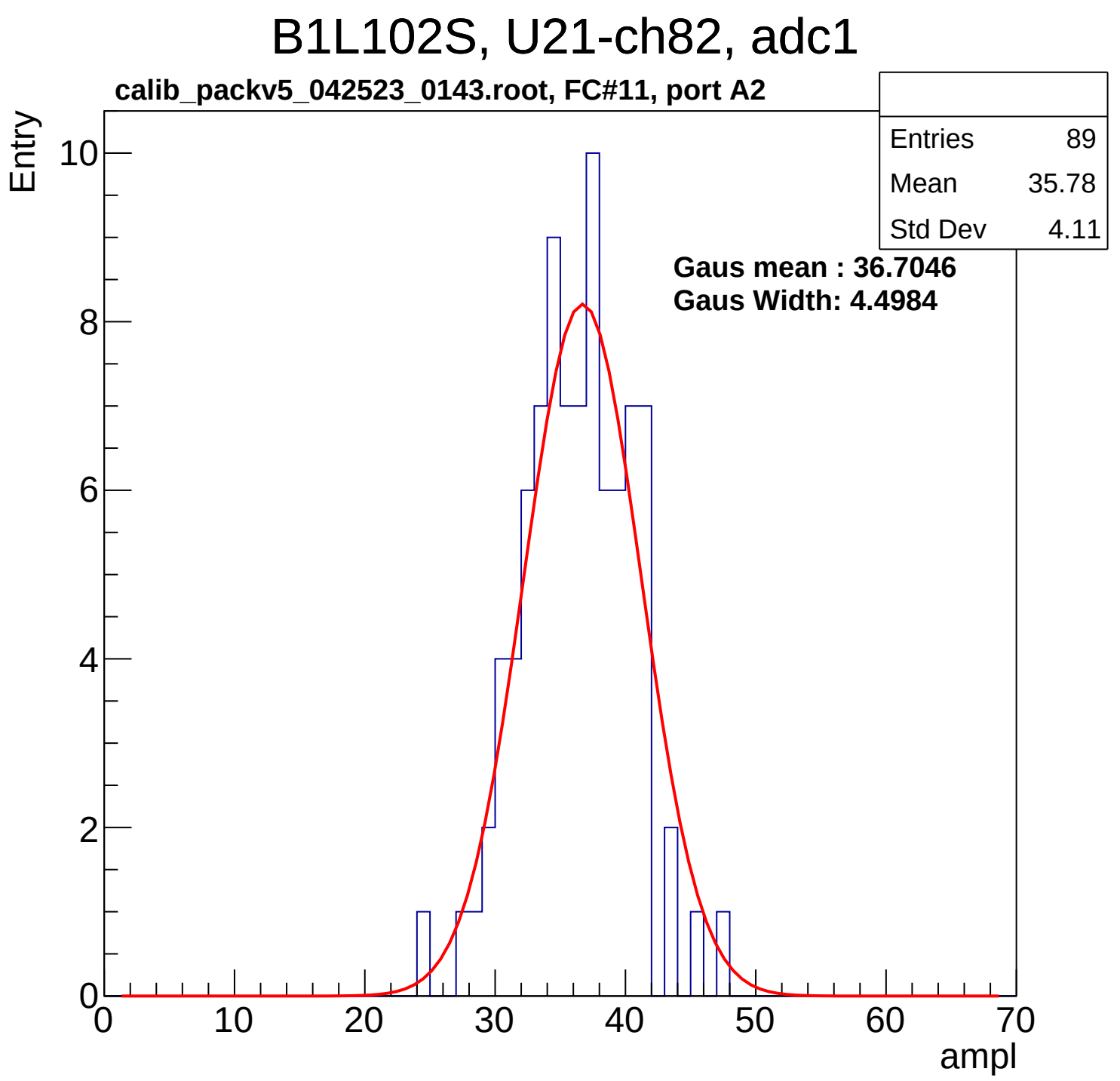

B1L102S, U21-ch81, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 14
Mean 61.29
Std Dev 1.532
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L102S, U21-ch81, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch82, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 28.56
Std Dev 3.524
Gaus mean : 28.9800
Gaus Width: 3.7874
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch82, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 89
Mean 35.78
Std Dev 4.11
Gaus mean : 36.7046
Gaus Width: 4.4984
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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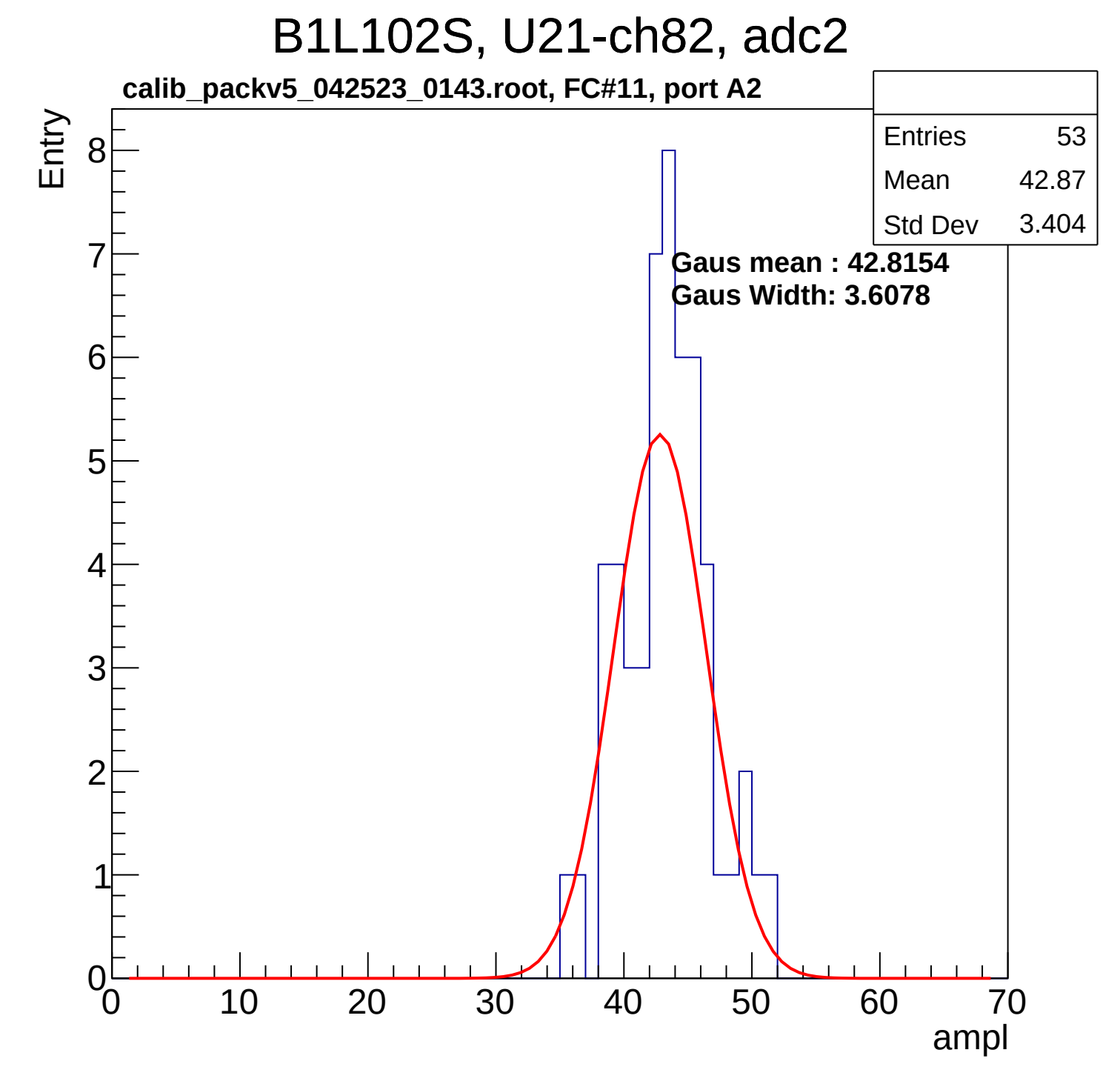
B1L102S, U21-ch82, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 53
Mean 42.87
Std Dev 3.404
Gaus mean : 42.8154
Gaus Width: 3.6078
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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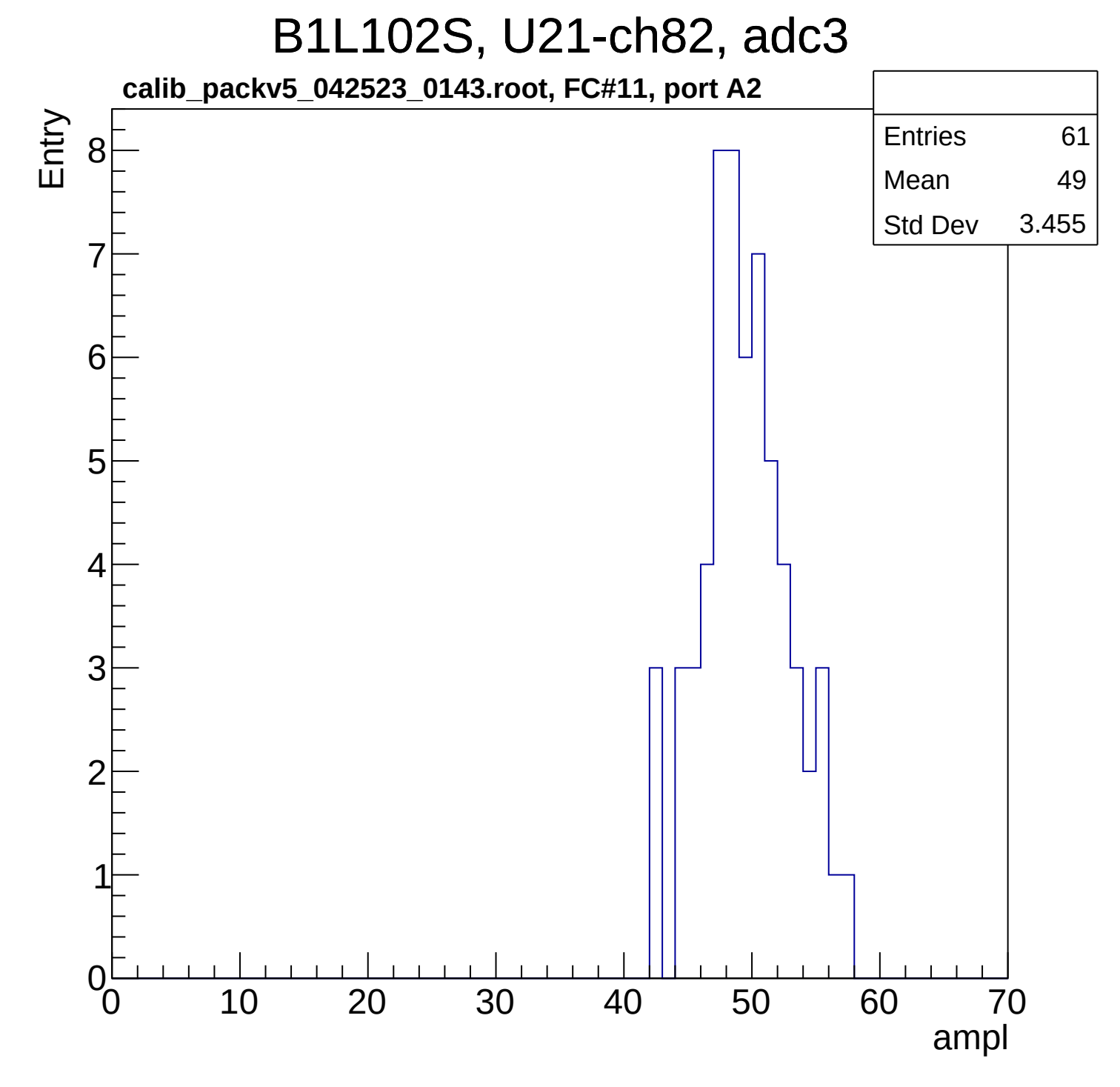
B1L102S, U21-ch82, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 49
Std Dev 3.455
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
50
60
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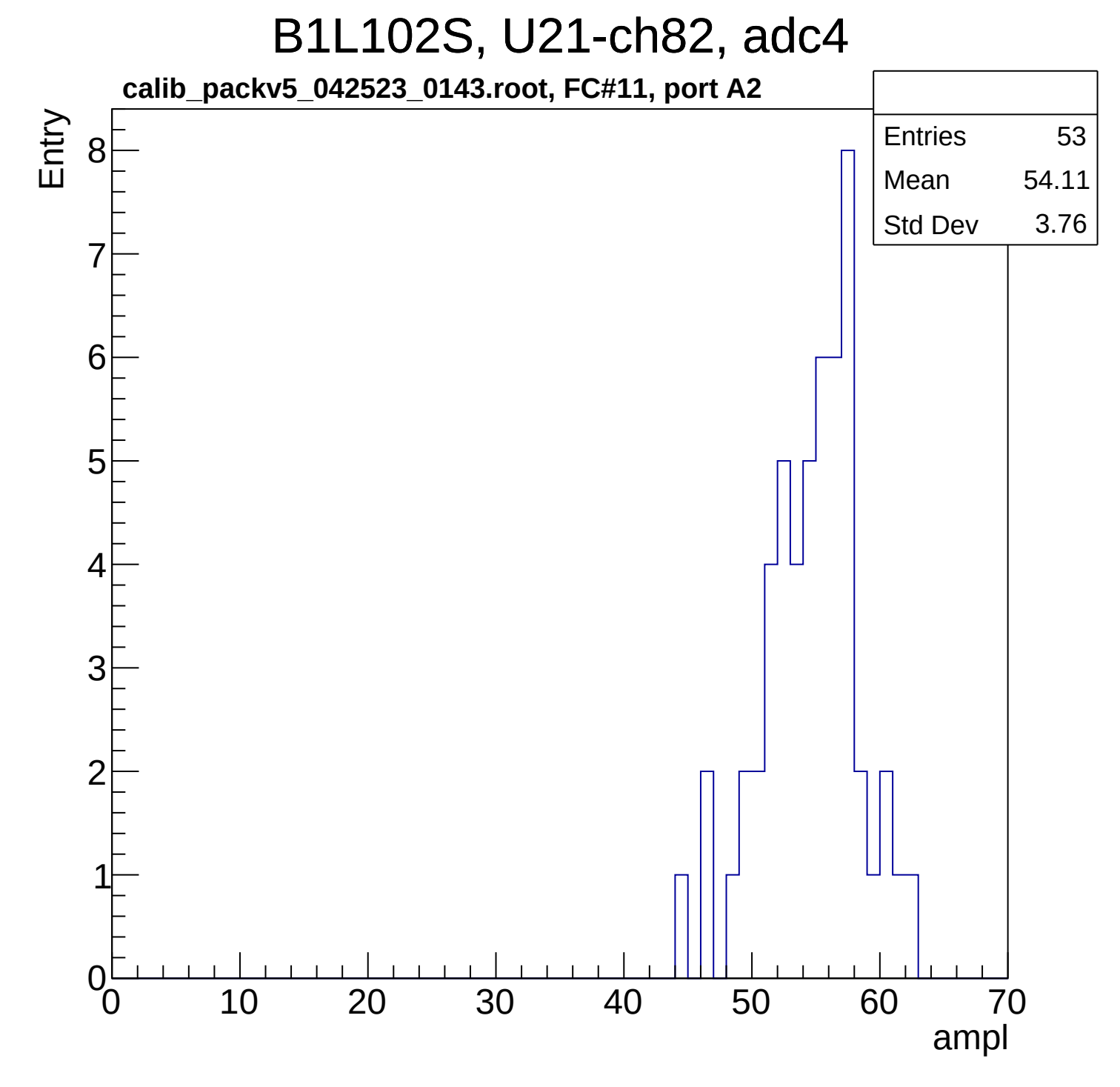
B1L102S, U21-ch82, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 53
Mean 54.11
Std Dev 3.76
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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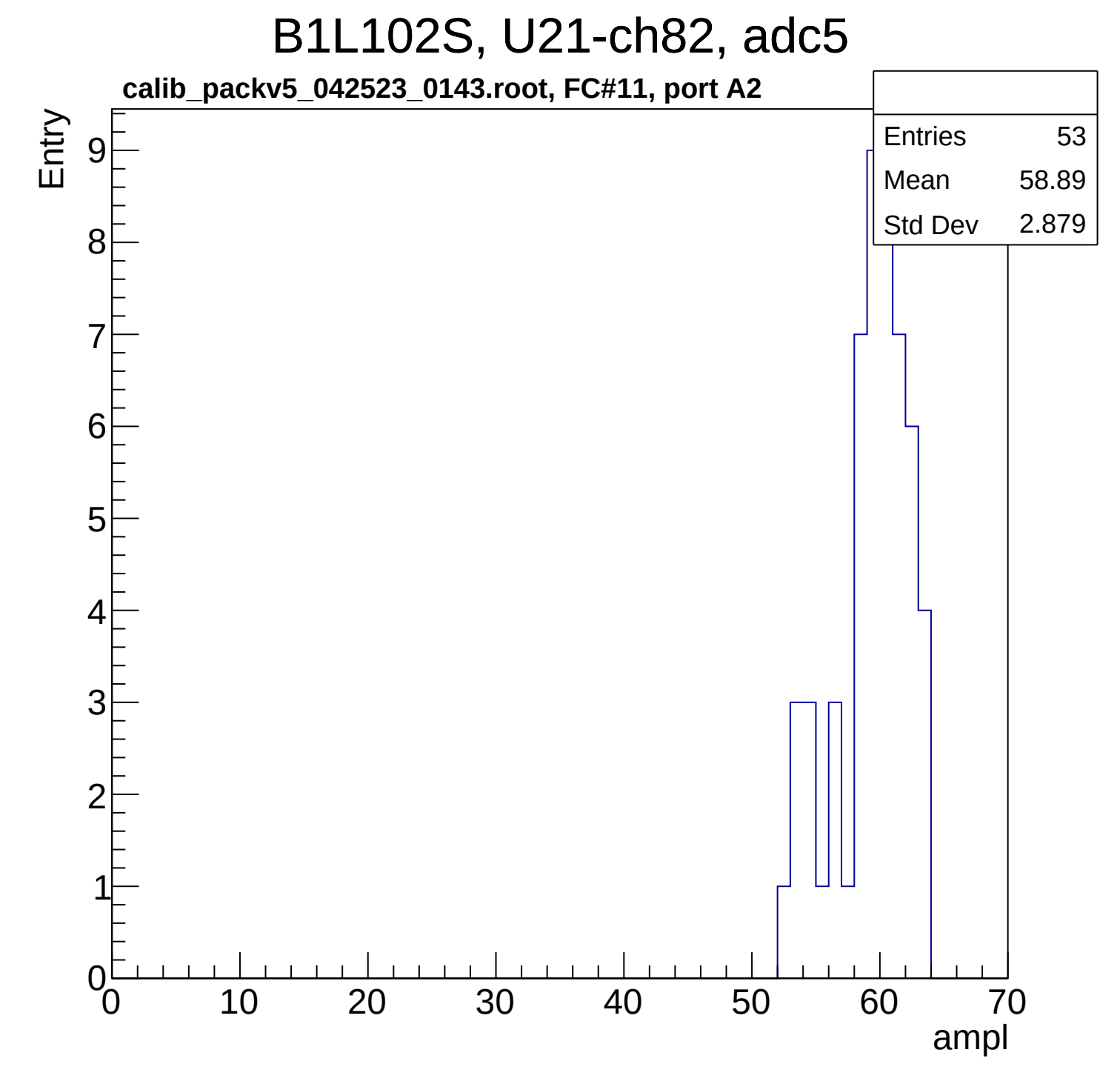
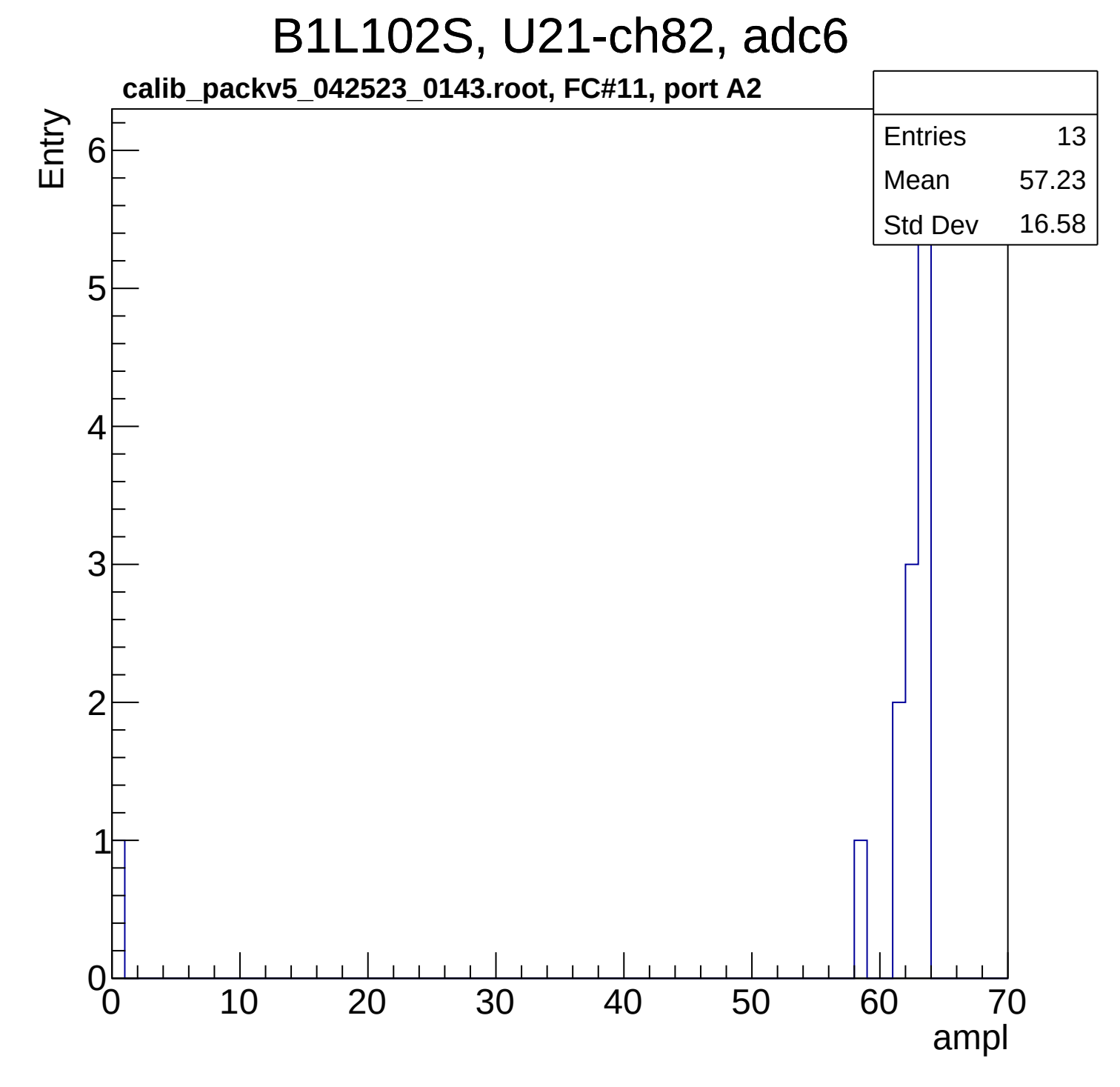
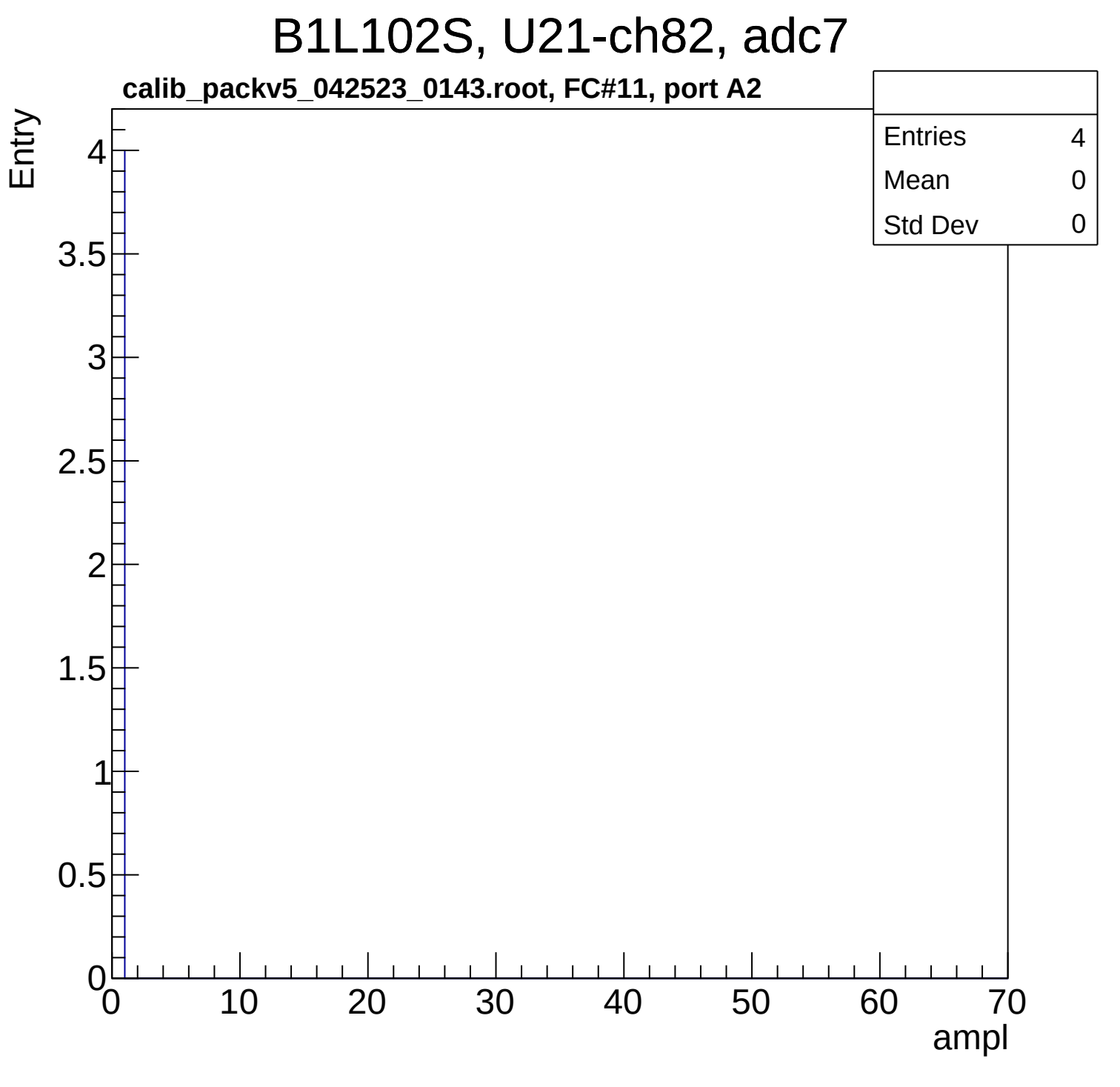
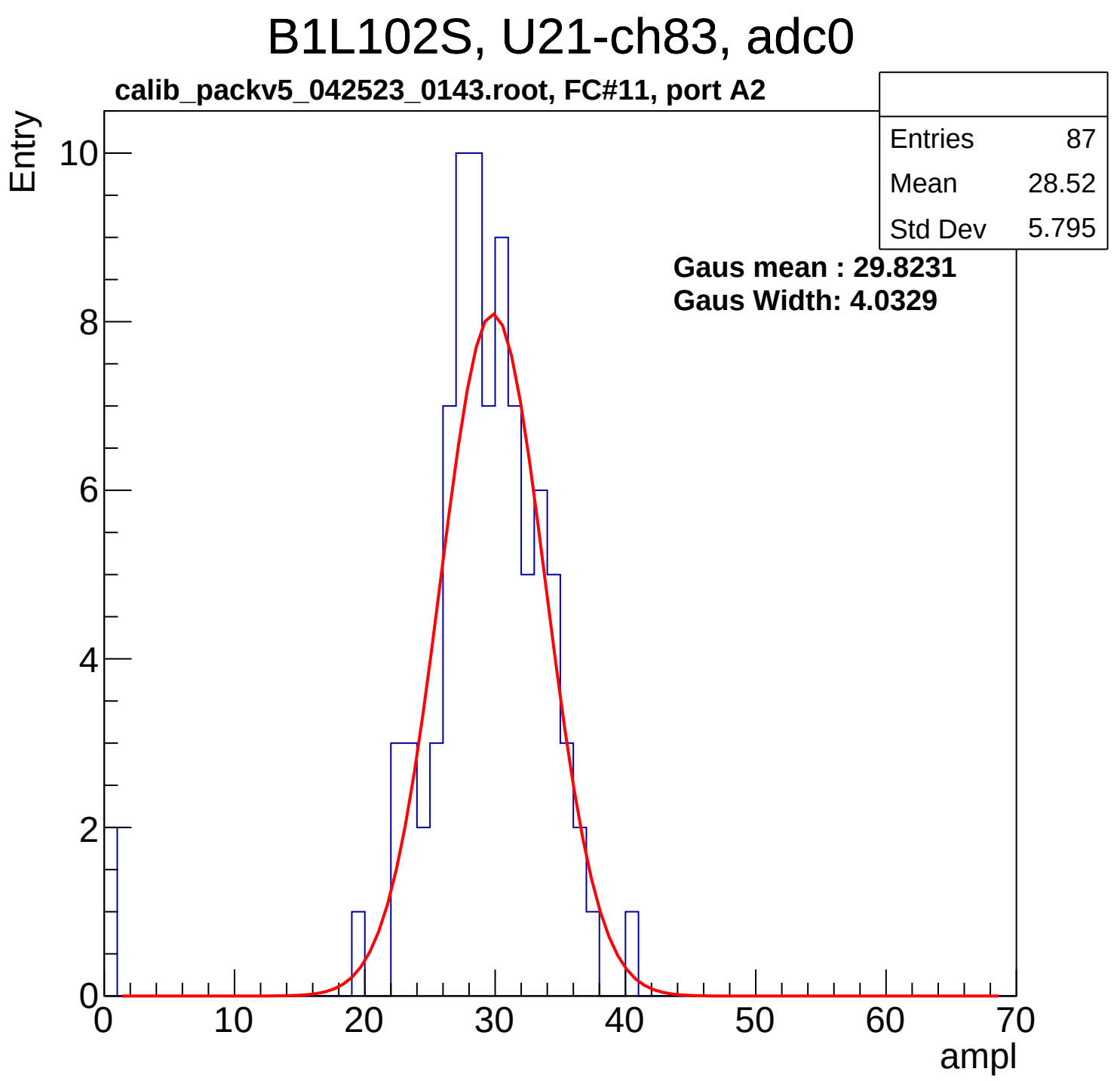
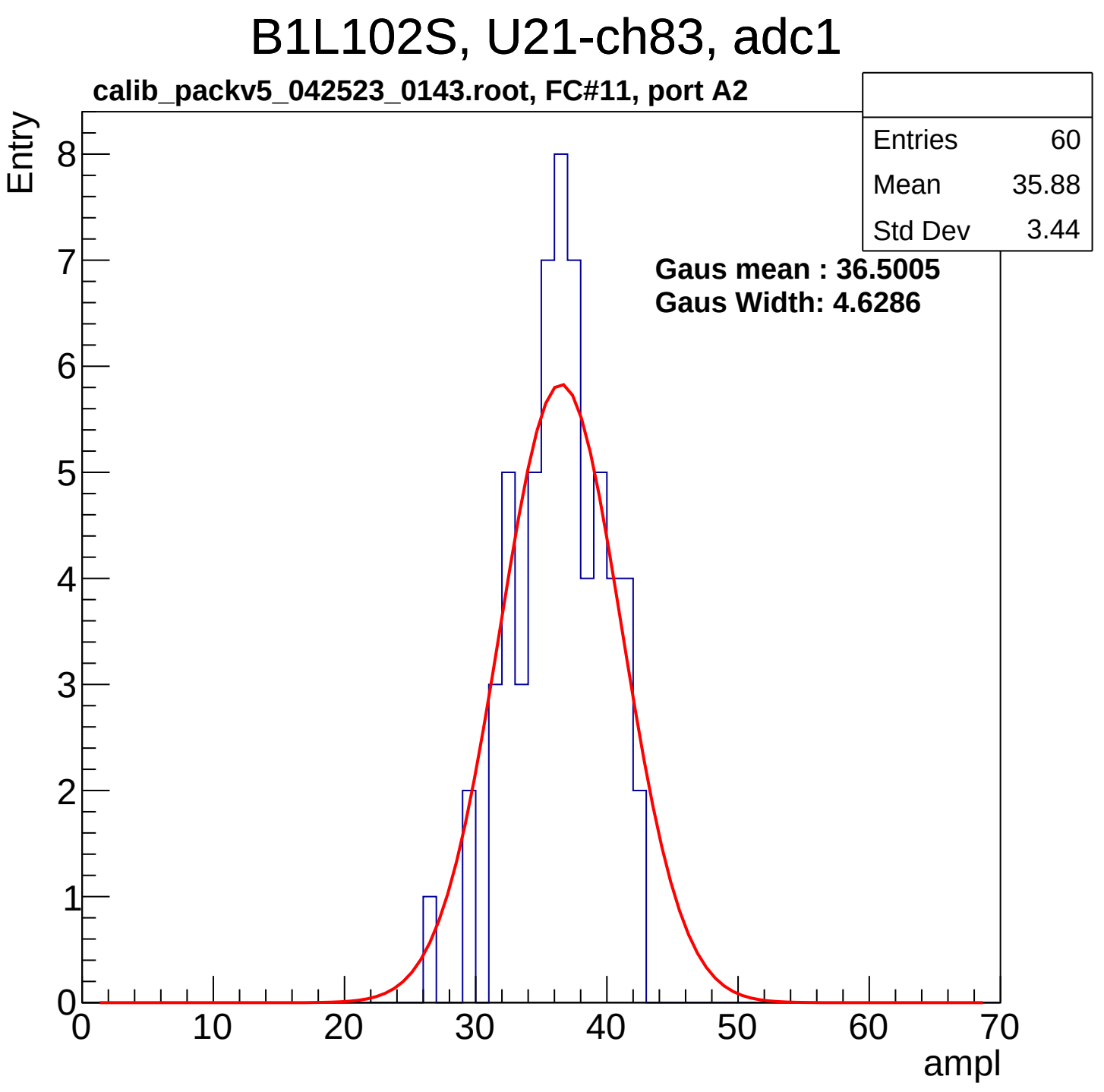
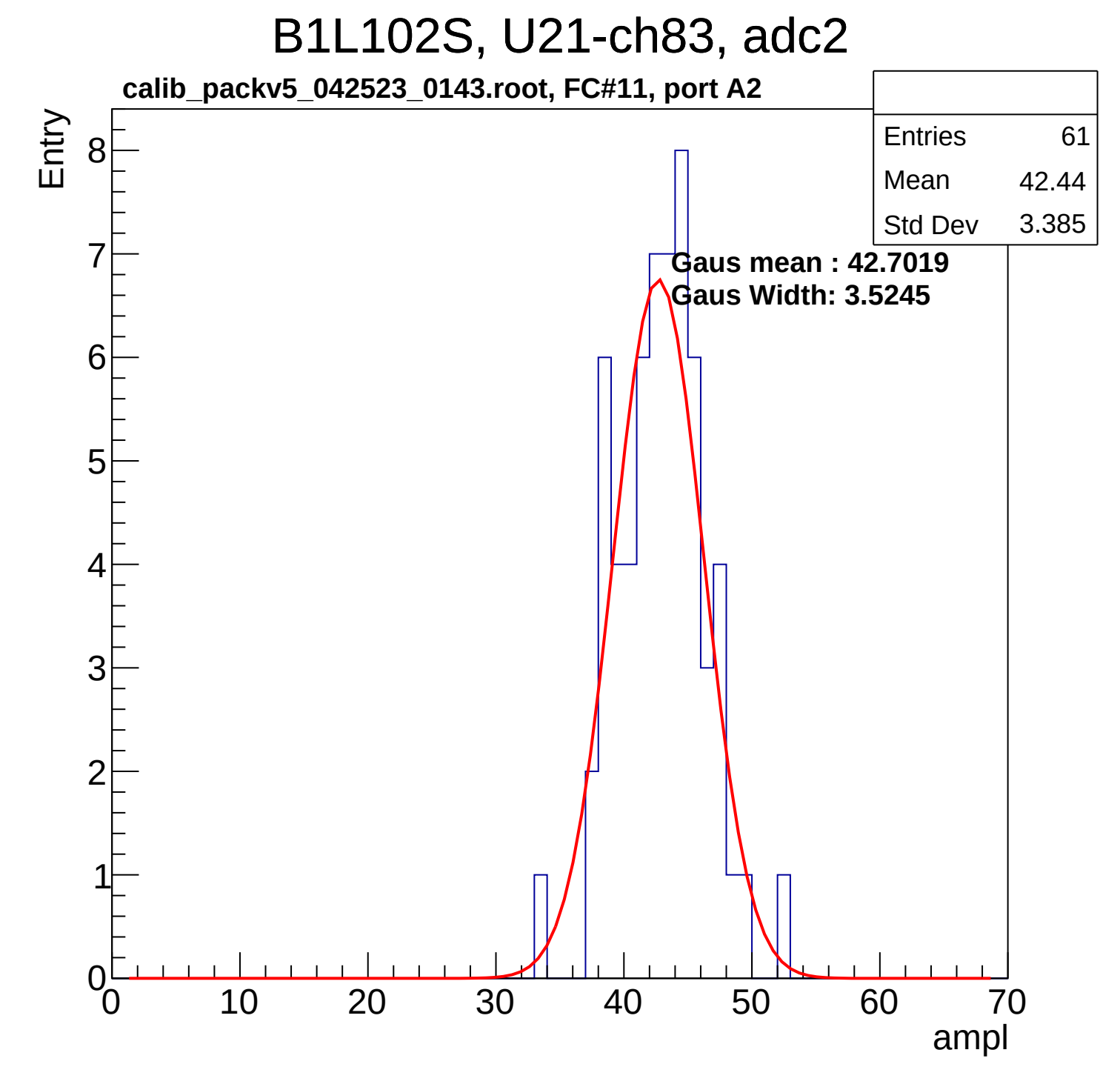

B1L102S, U21-ch82, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 53
Mean 58.89
Std Dev 2.879
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch82, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 13
Mean 57.23
Std Dev 16.58
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch82, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch83, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 87
Mean 28.52
Std Dev 5.795
Gaus mean : 29.8231
Gaus Width: 4.0329
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch83, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 35.88
Std Dev 3.44
Gaus mean : 36.5005
Gaus Width: 4.6286
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch83, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 42.44
Std Dev 3.385
Gaus mean : 42.7019
Gaus Width: 3.5245
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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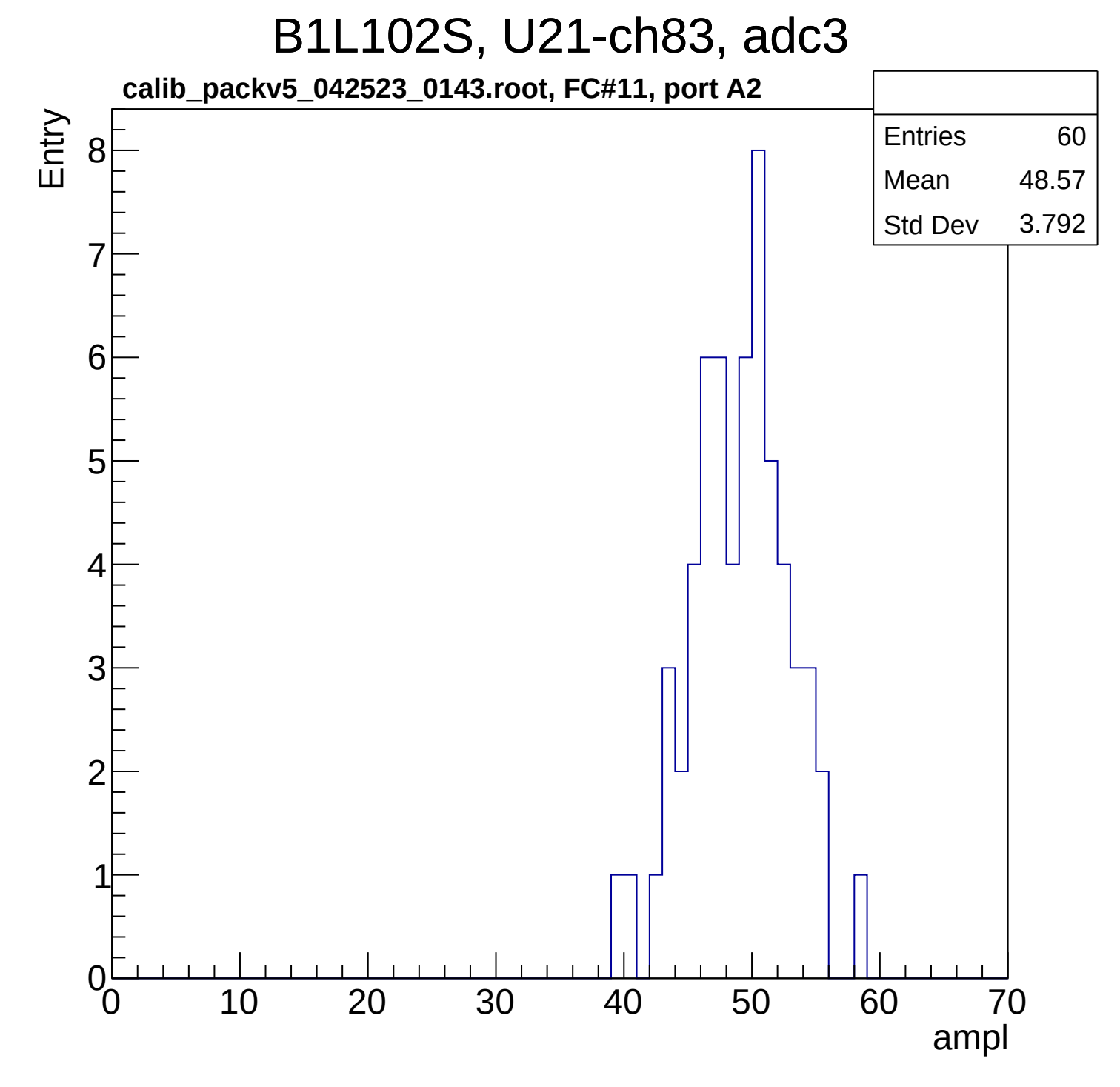
B1L102S, U21-ch83, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 48.57
Std Dev 3.792
Entry
ampl
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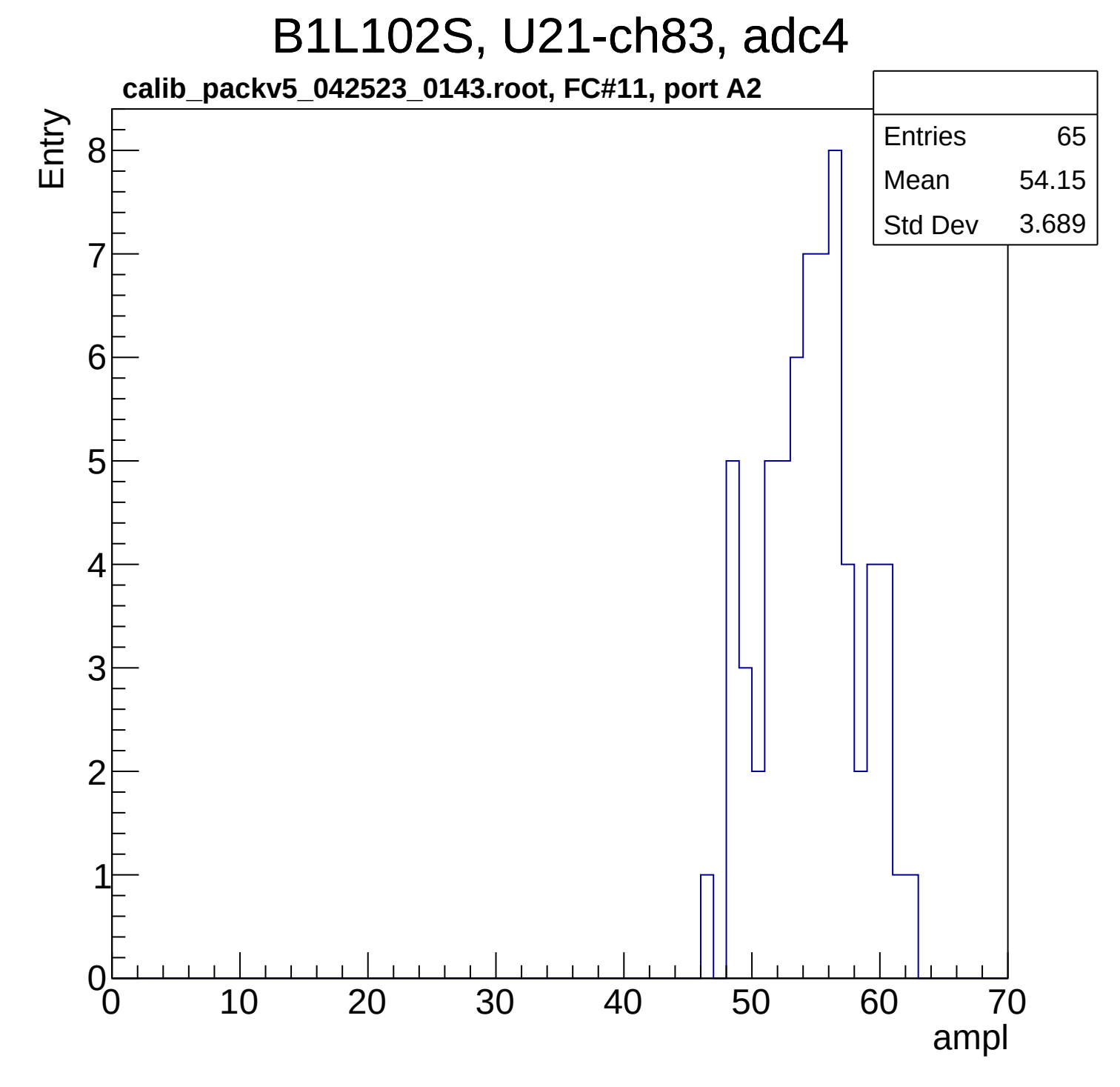
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch83, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 54.15
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
50
60
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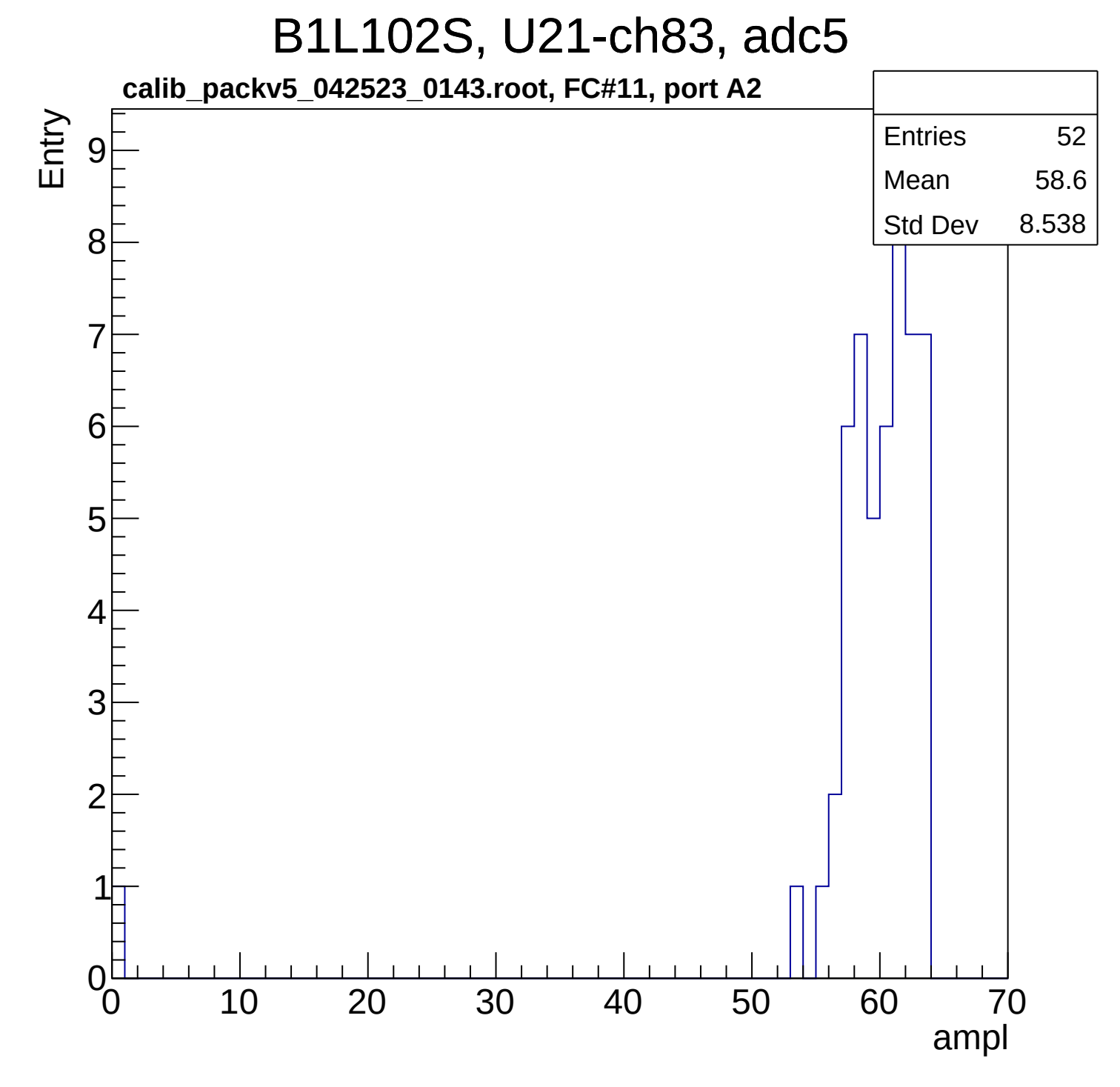
B1L102S, U21-ch83, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 58.6
Std Dev 8.538
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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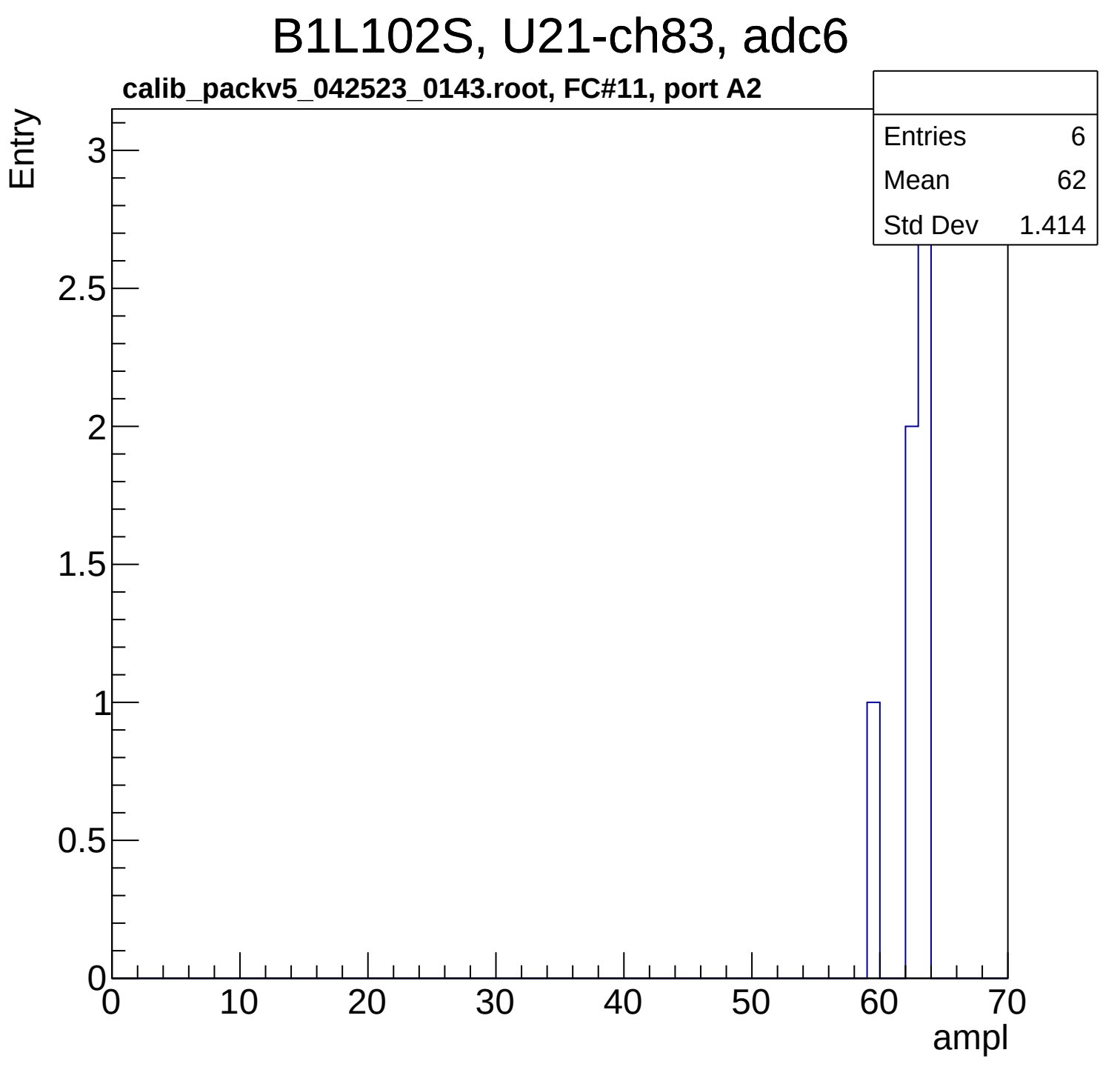
B1L102S, U21-ch83, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 6
Mean 62
Std Dev 1.414
Entry
ampl
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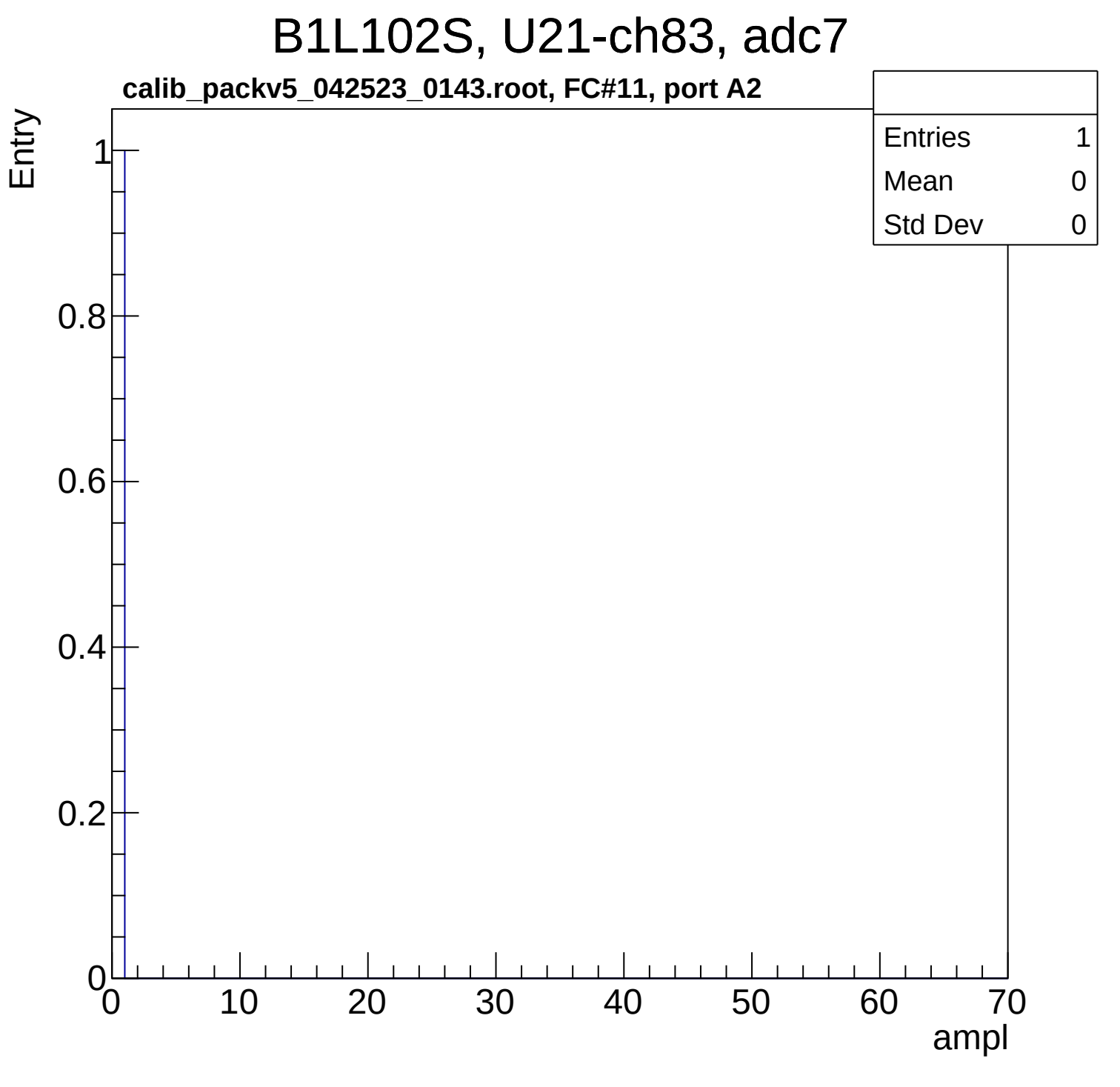
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U21-ch83, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 0
Std Dev 0
Entry
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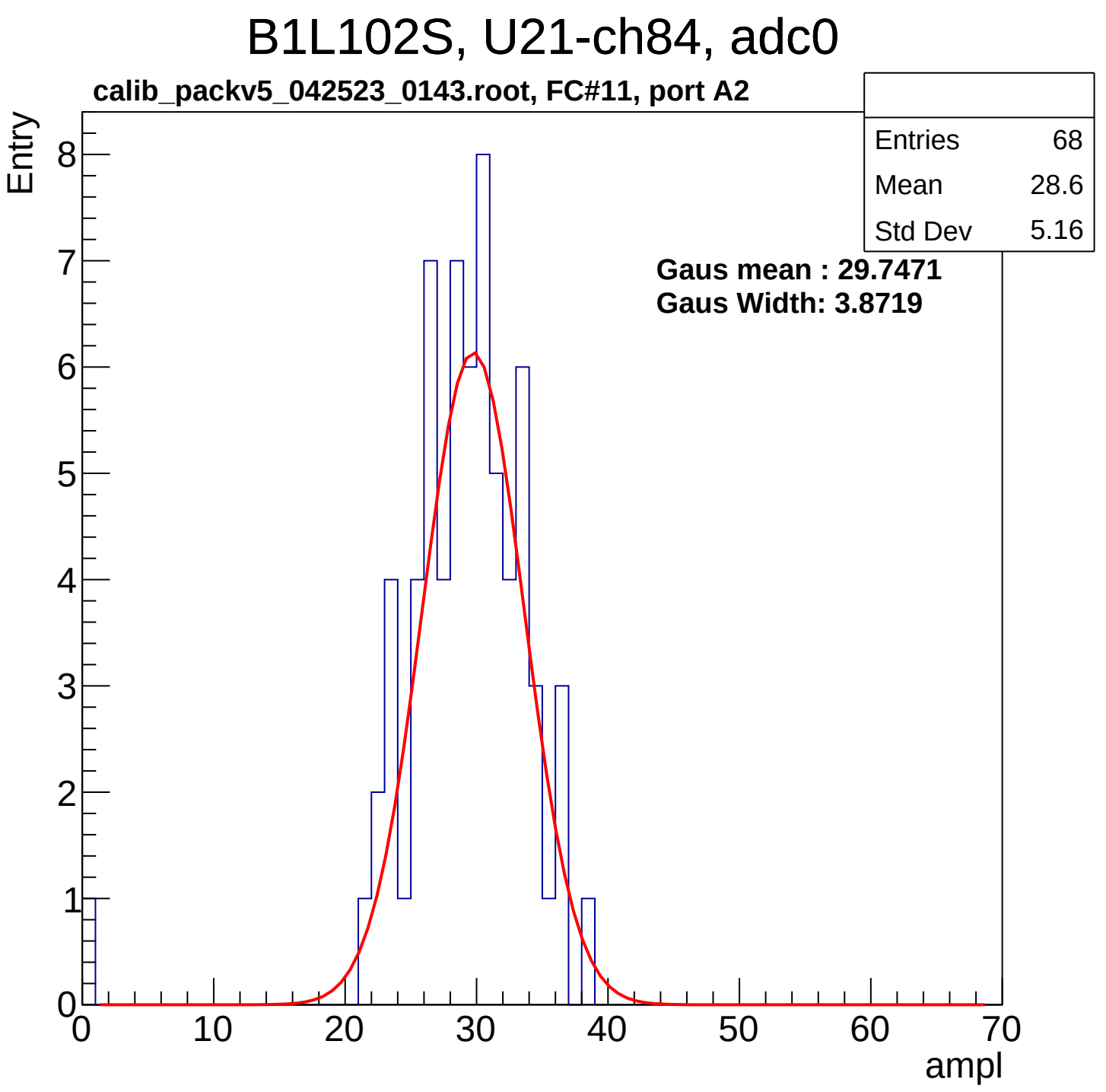
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch84, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 28.6
Std Dev 5.16
Gaus mean : 29.7471
Gaus Width: 3.8719
Entry
ampl
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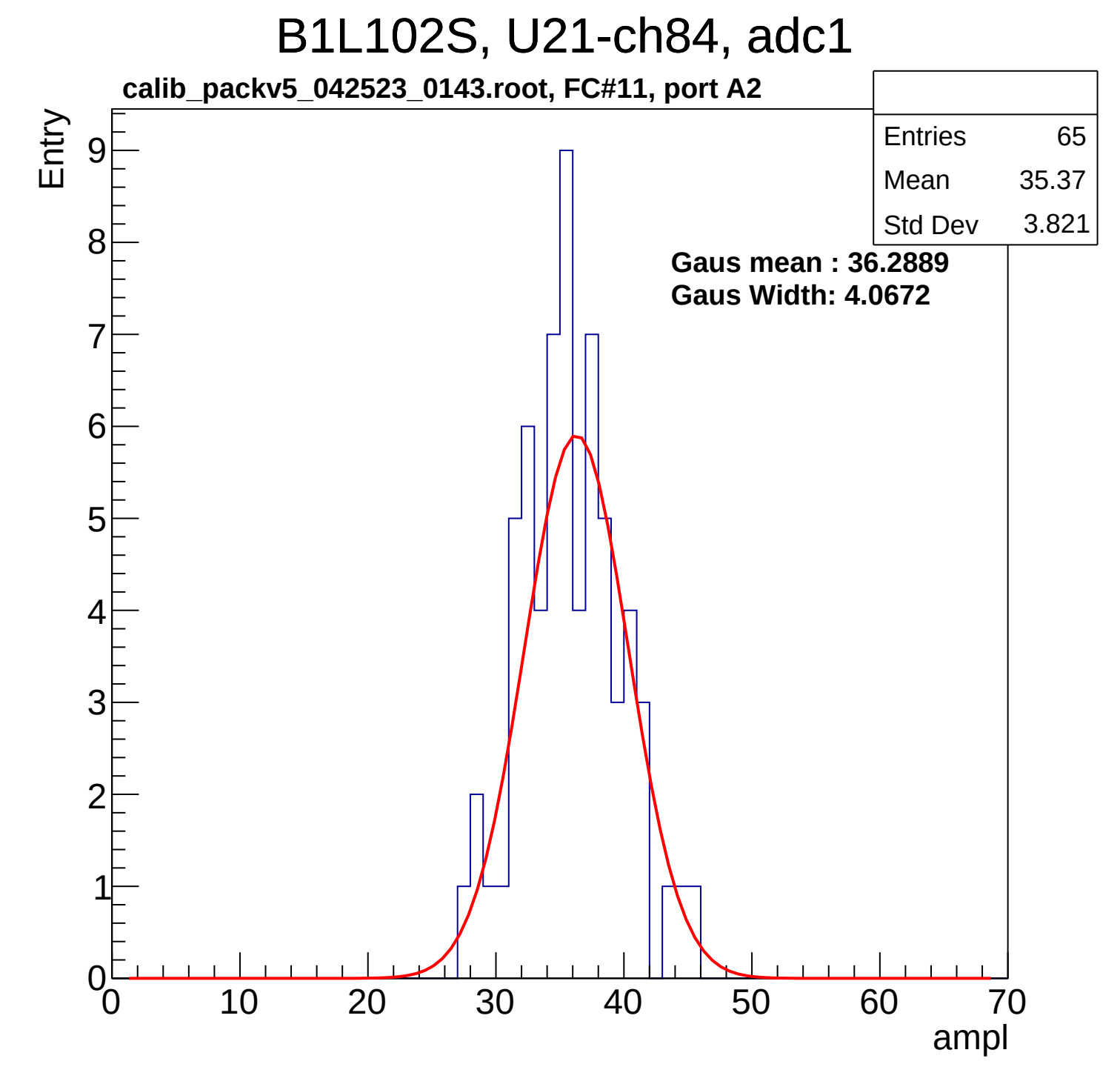
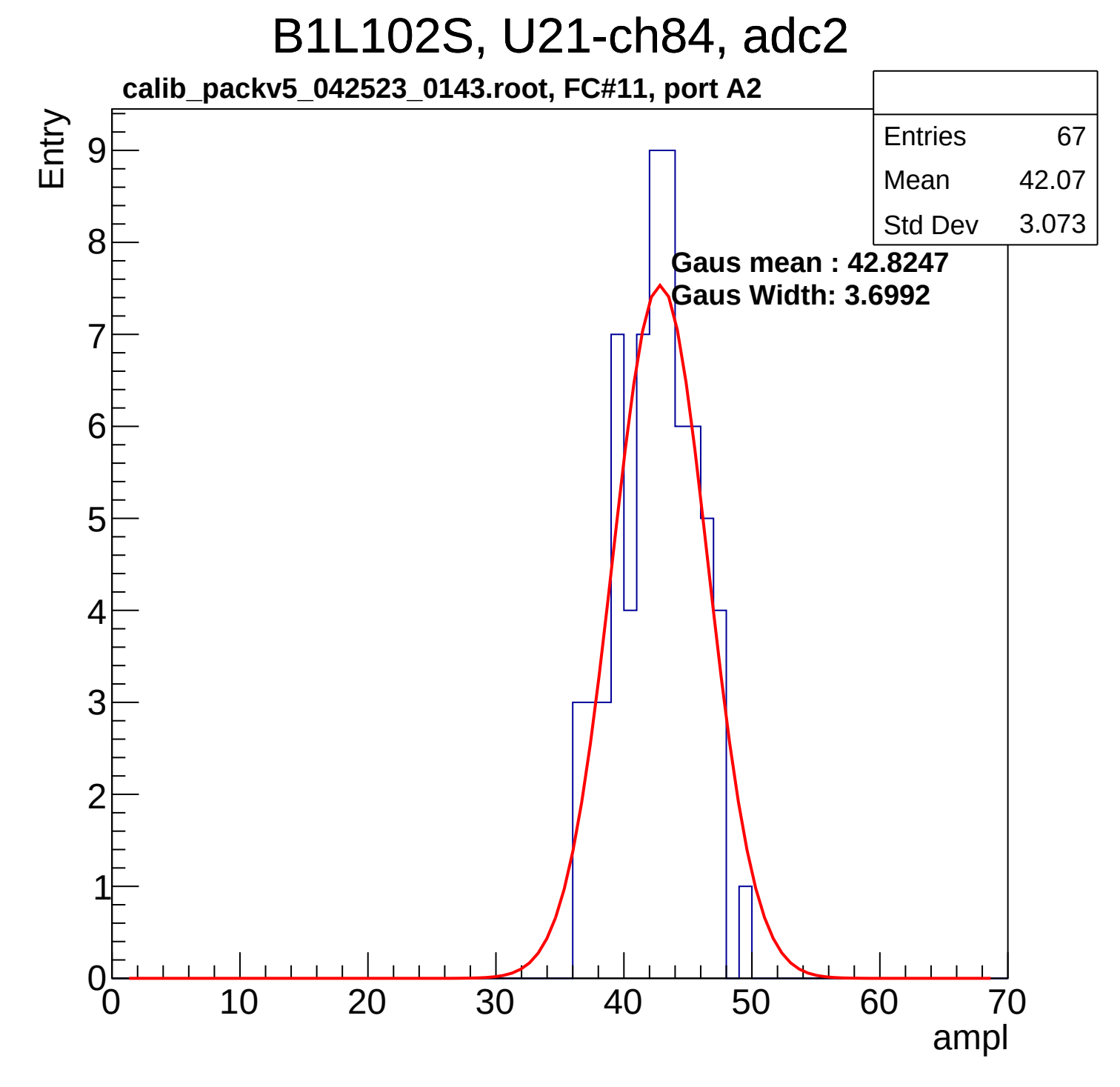
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch84, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 35.37
Std Dev 3.821
Gaus mean : 36.2889
Gaus Width: 4.0672
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch84, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 42.07
Std Dev 3.073
Gaus mean : 42.8247
Gaus Width: 3.6992
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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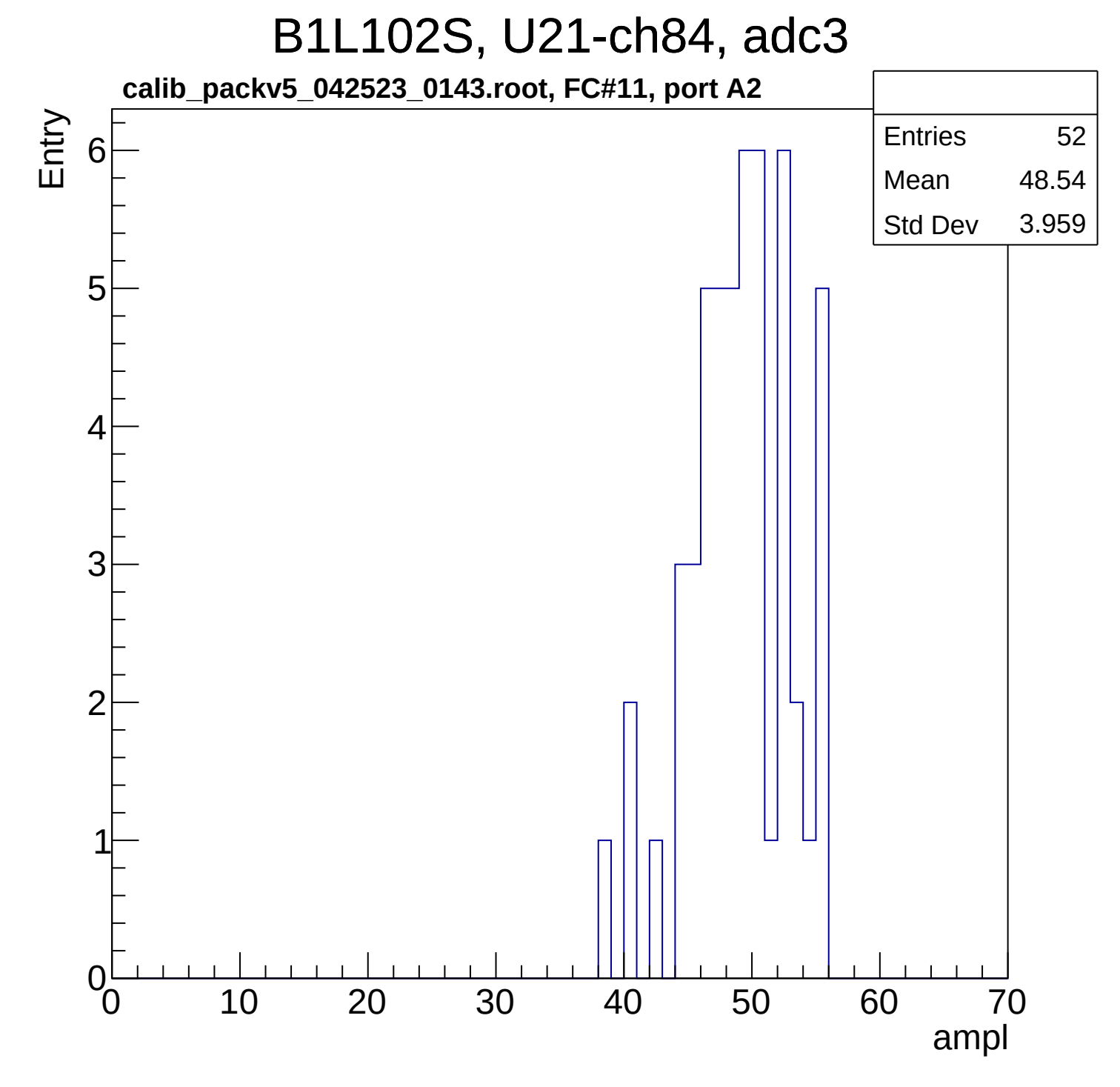
B1L102S, U21-ch84, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 48.54
Std Dev 3.959
Entry
ampl
0
1
2
3
4
5
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0
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20
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40
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60
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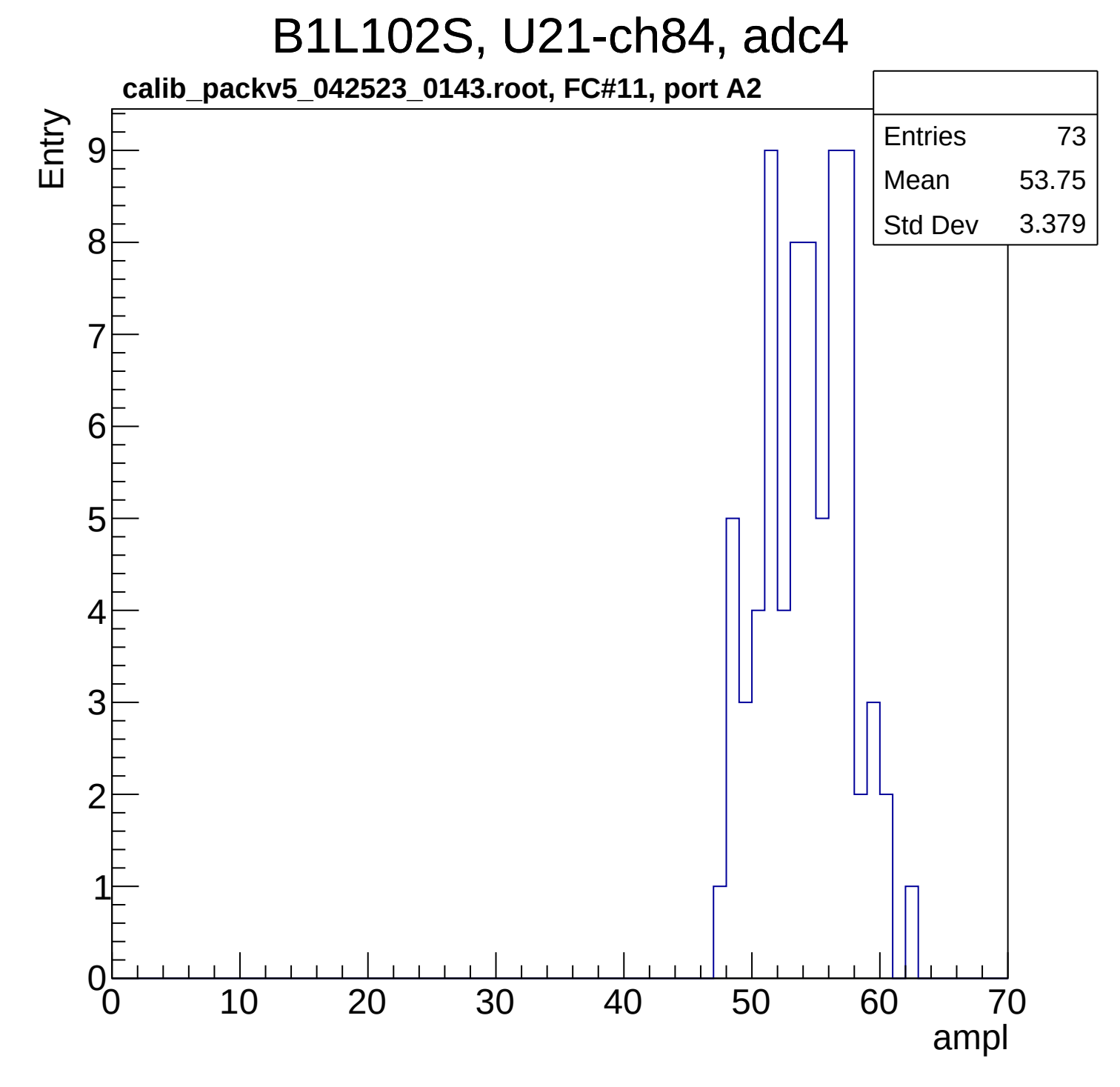
B1L102S, U21-ch84, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 53.75
Std Dev 3.379
Entry
ampl
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2
3
4
5
6
7
8
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60
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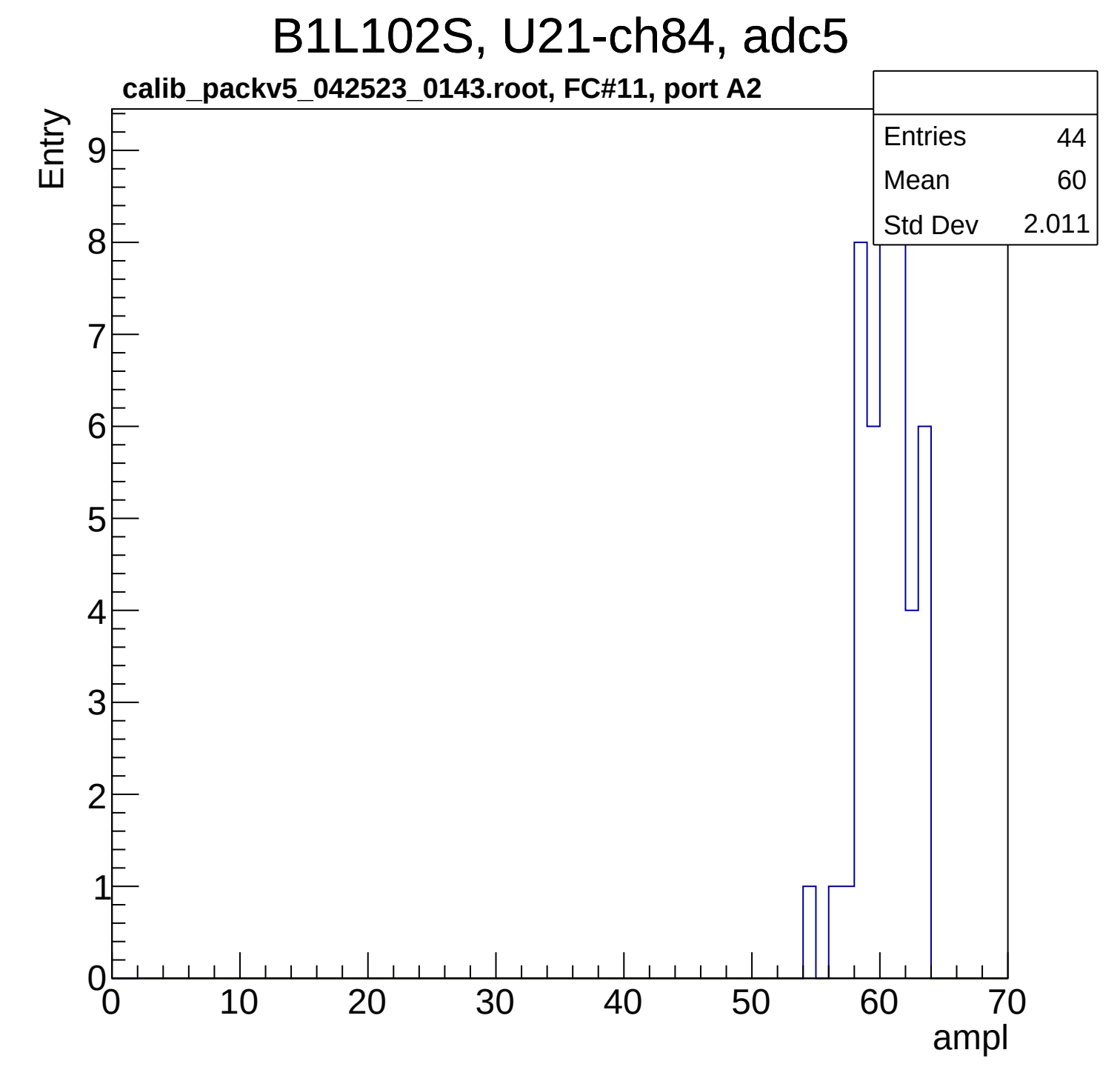
B1L102S, U21-ch84, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 44
Mean 60
Std Dev 2.011
Entry
ampl
0
1
2
3
4
5
6
7
8
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0
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20
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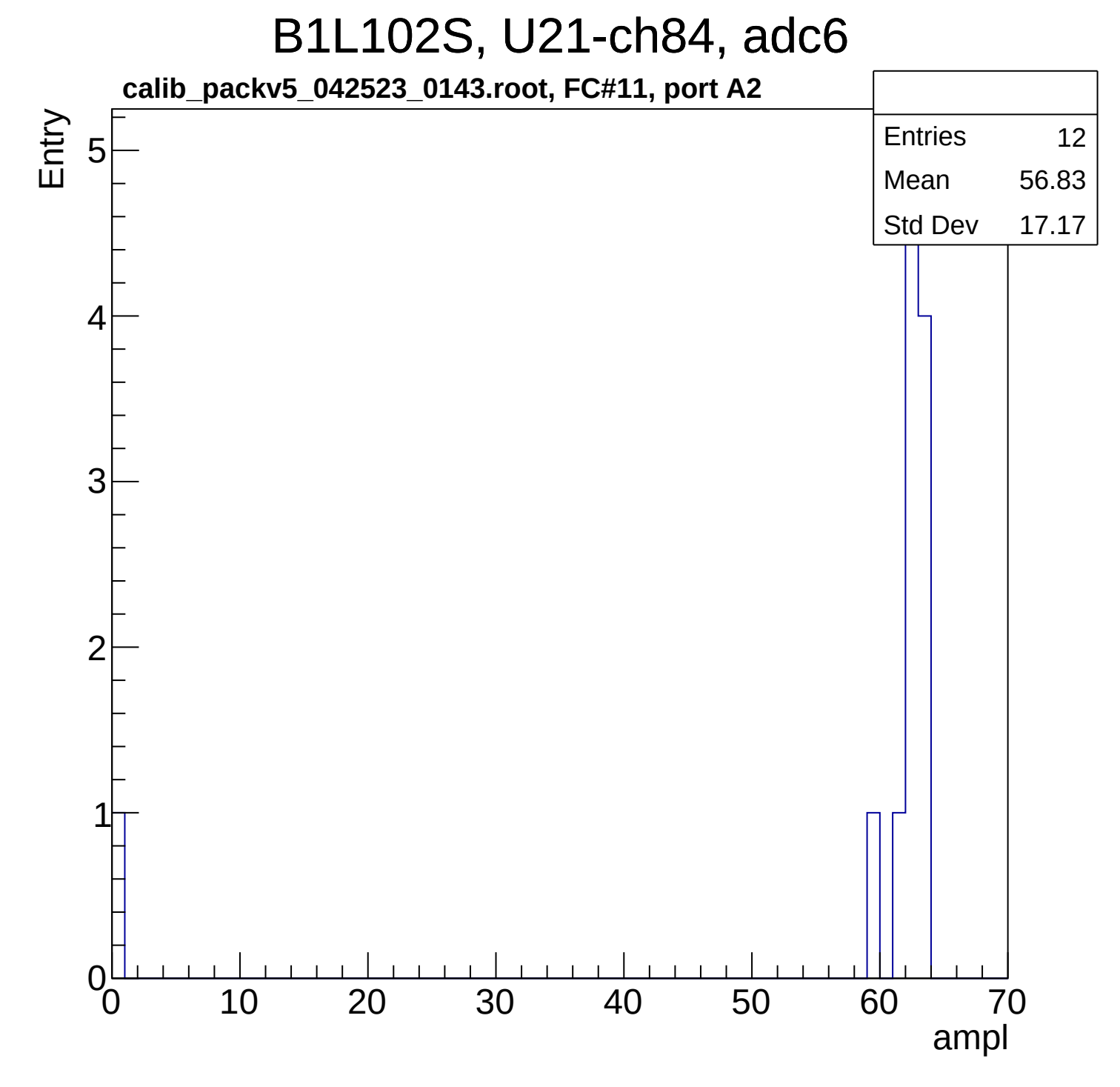
60
70


B1L102S, U21-ch84, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 12
Mean 56.83
Std Dev 17.17
Entry
0
1
2
3
4
5
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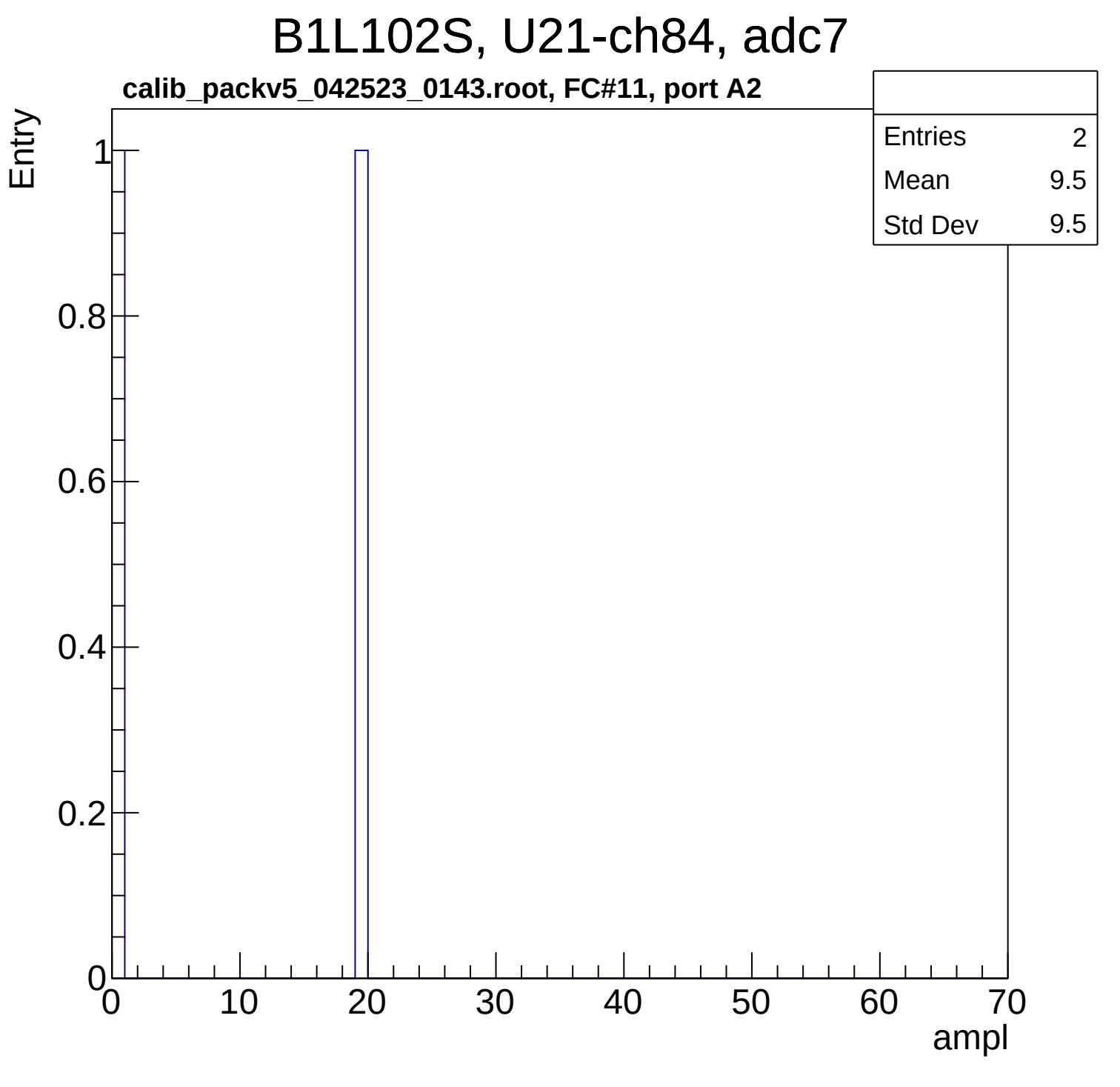
50
60
70
ampl


B1L102S, U21-ch84, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 9.5
Std Dev 9.5
Entry
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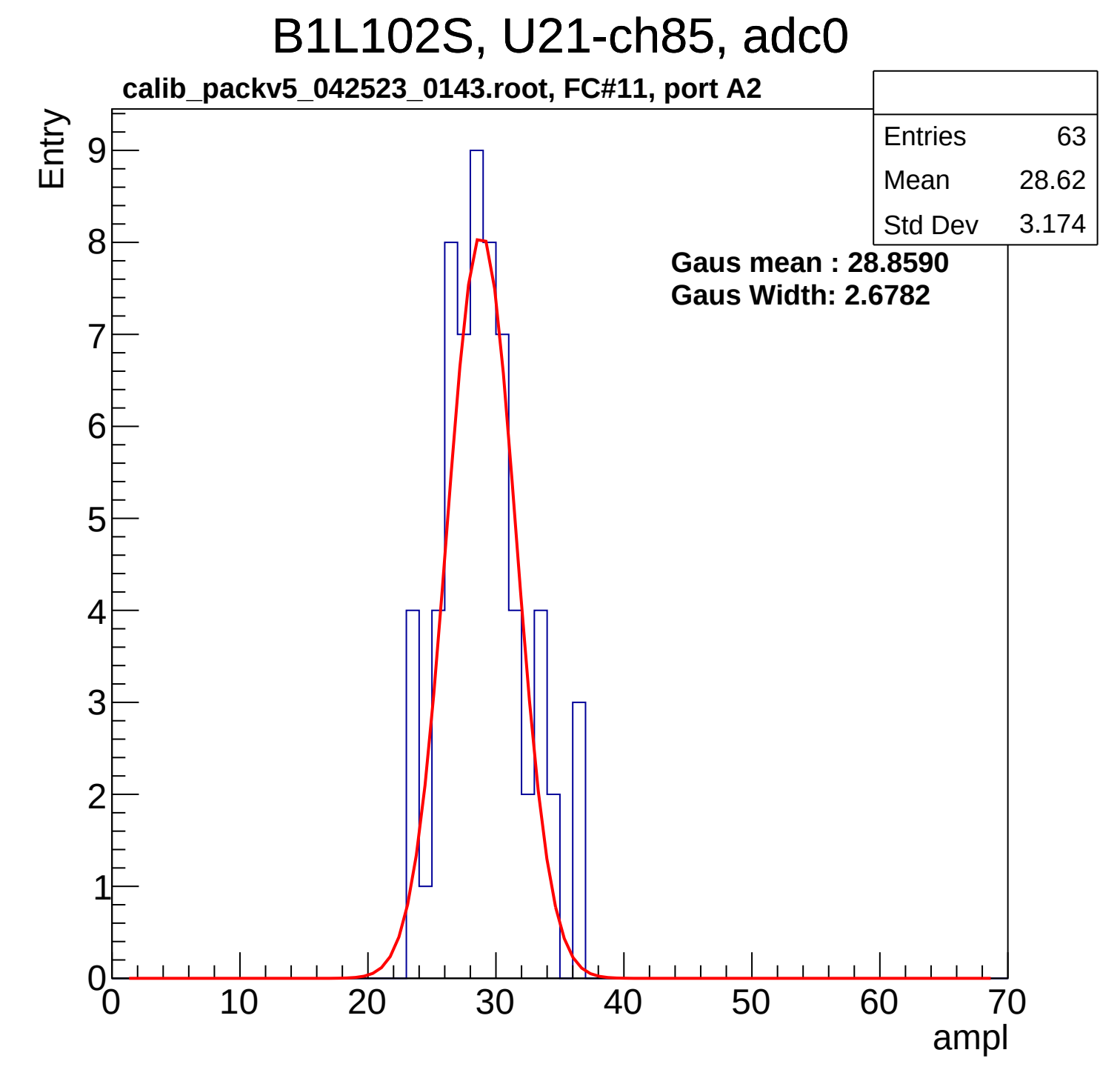
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch85, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 28.62
Std Dev 3.174
Gaus mean : 28.8590
Gaus Width: 2.6782
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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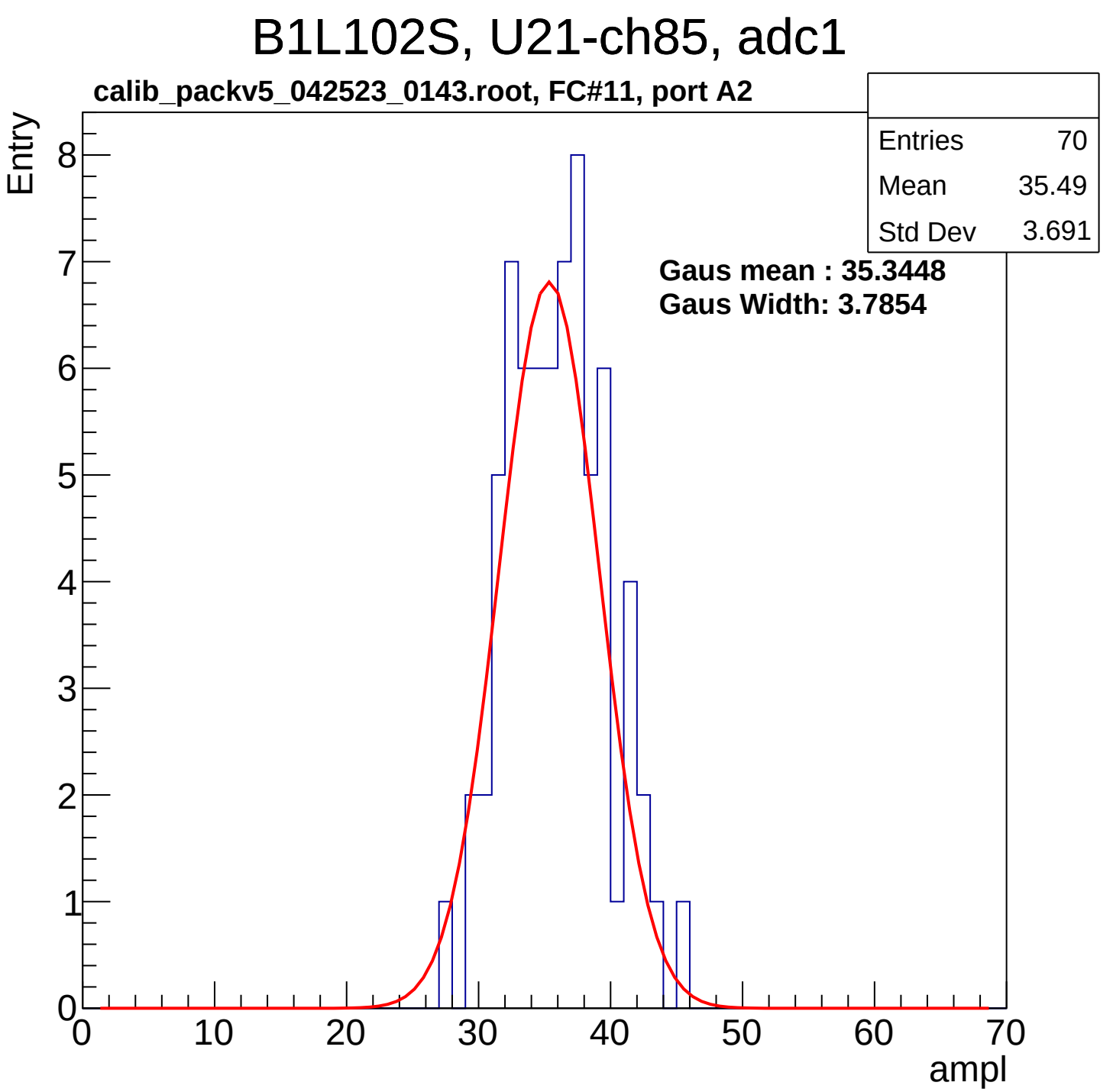
B1L102S, U21-ch85, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 35.49
Std Dev 3.691
Gaus mean : 35.3448
Gaus Width: 3.7854
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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40
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60
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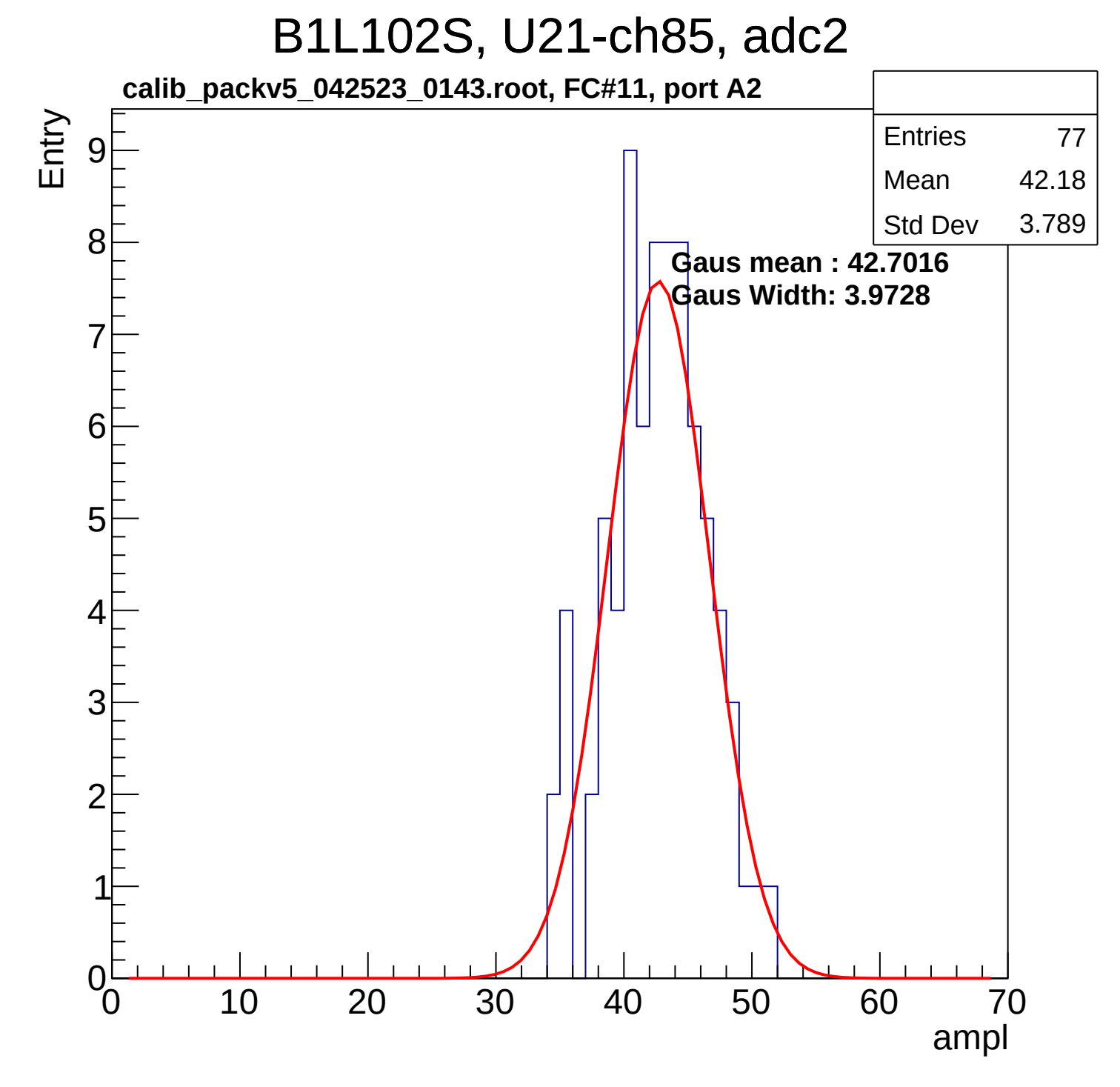
B1L102S, U21-ch85, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 42.18
Std Dev 3.789
Gaus mean : 42.7016
Gaus Width: 3.9728
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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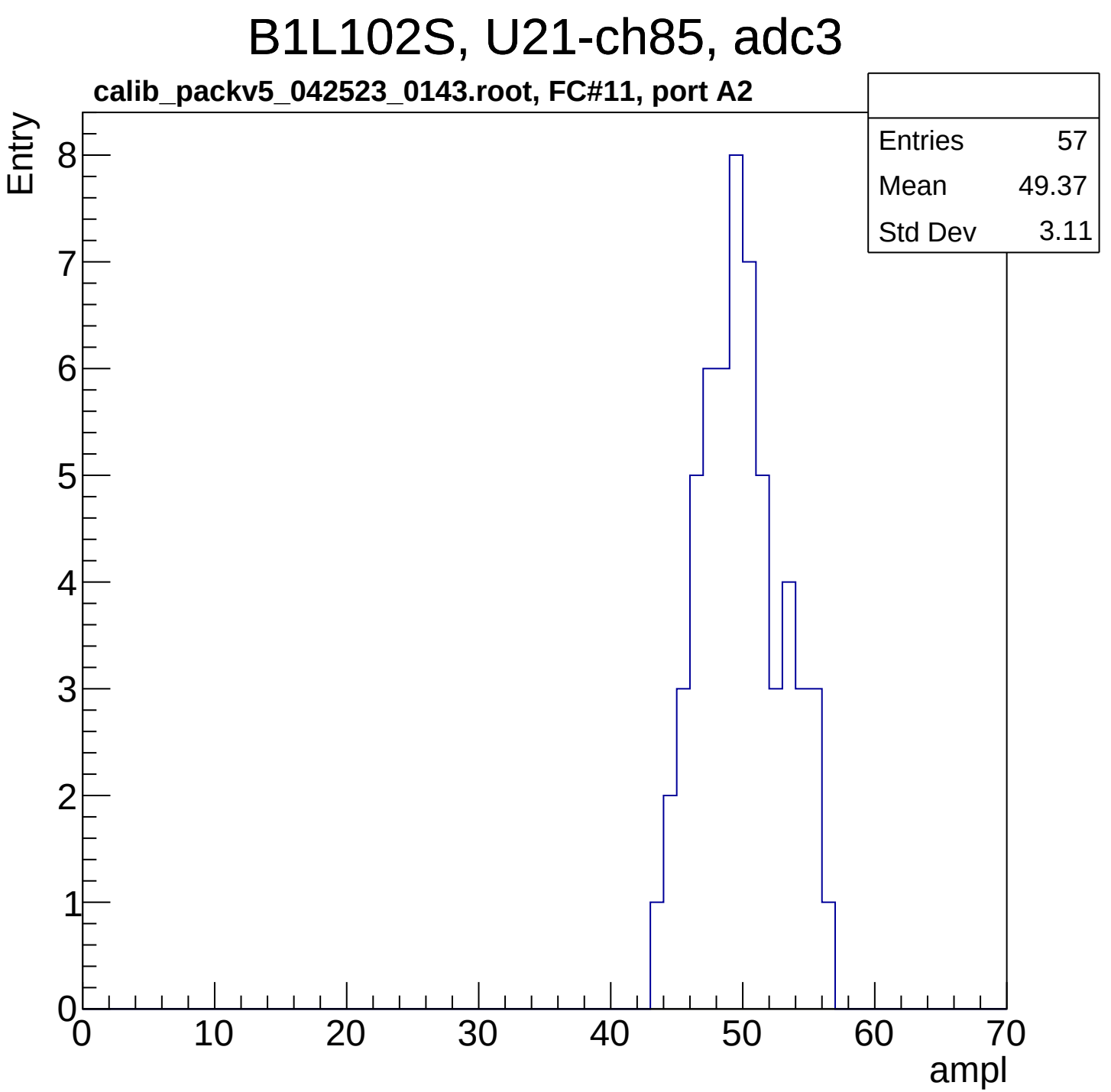
B1L102S, U21-ch85, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 49.37
Std Dev 3.11
Entry
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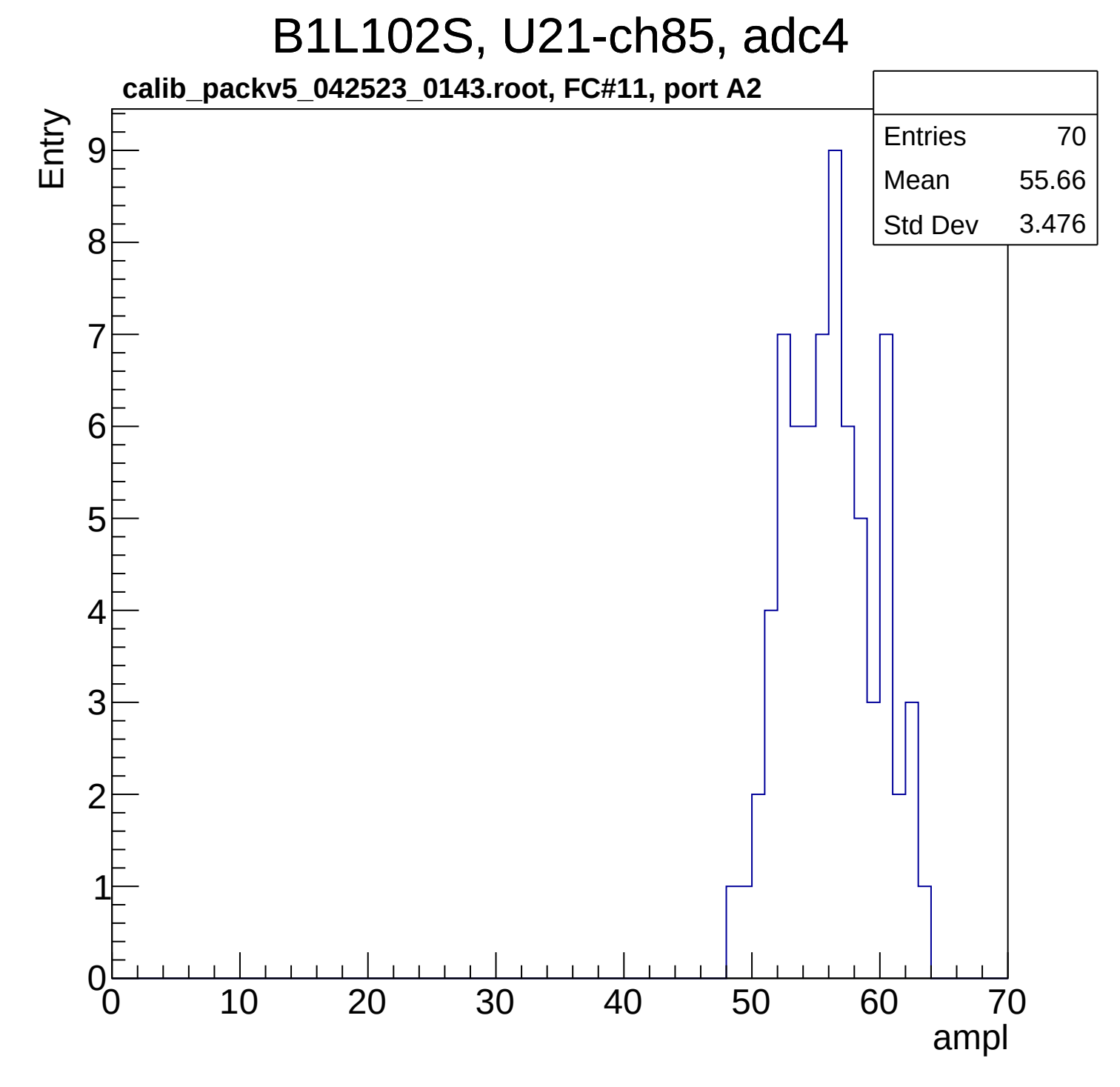
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch85, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 55.66
Std Dev 3.476
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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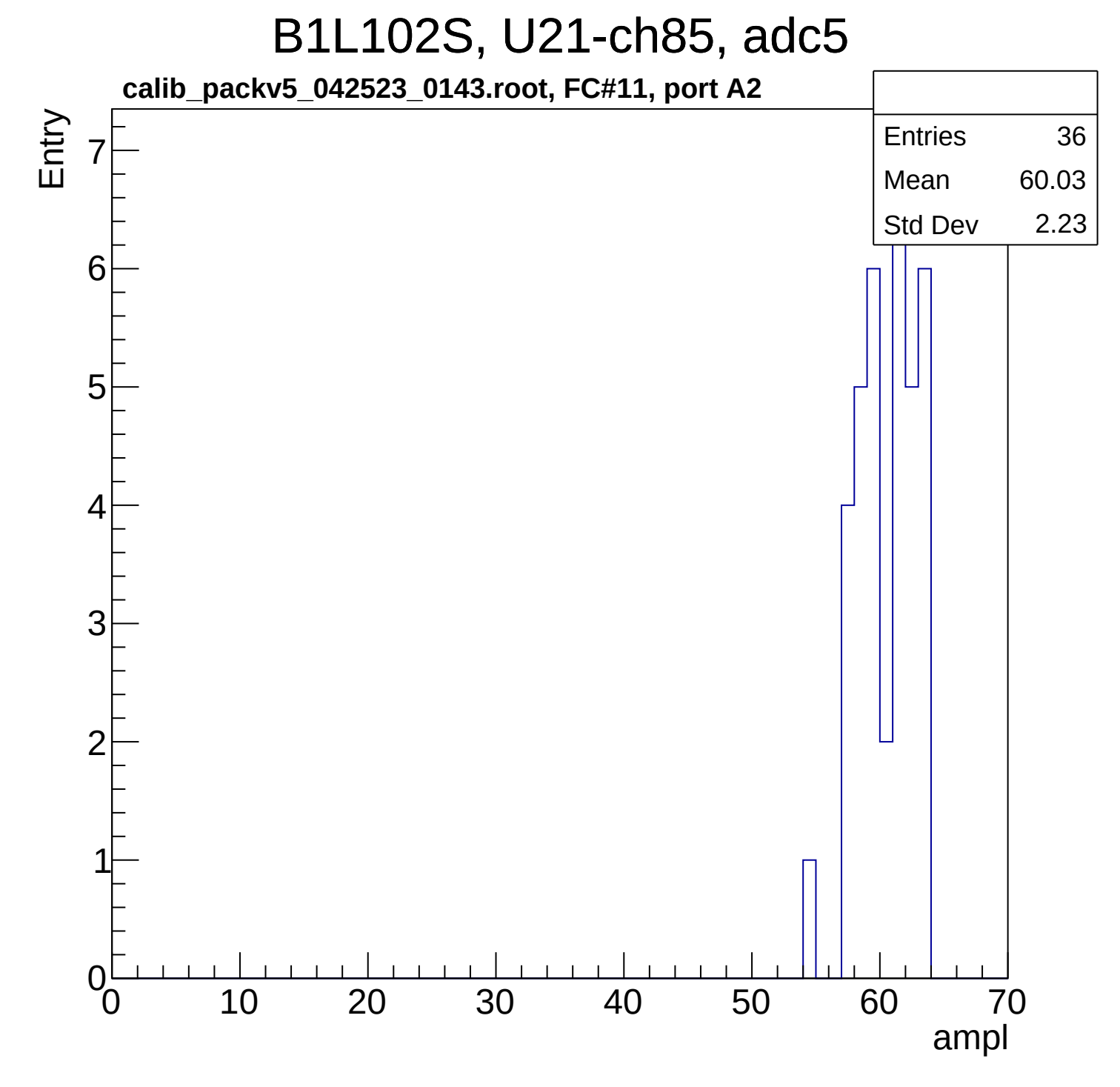
B1L102S, U21-ch85, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 36
Mean 60.03
Std Dev 2.23
Entry
ampl
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1
2
3
4
5
6
7
0
10
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40
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60
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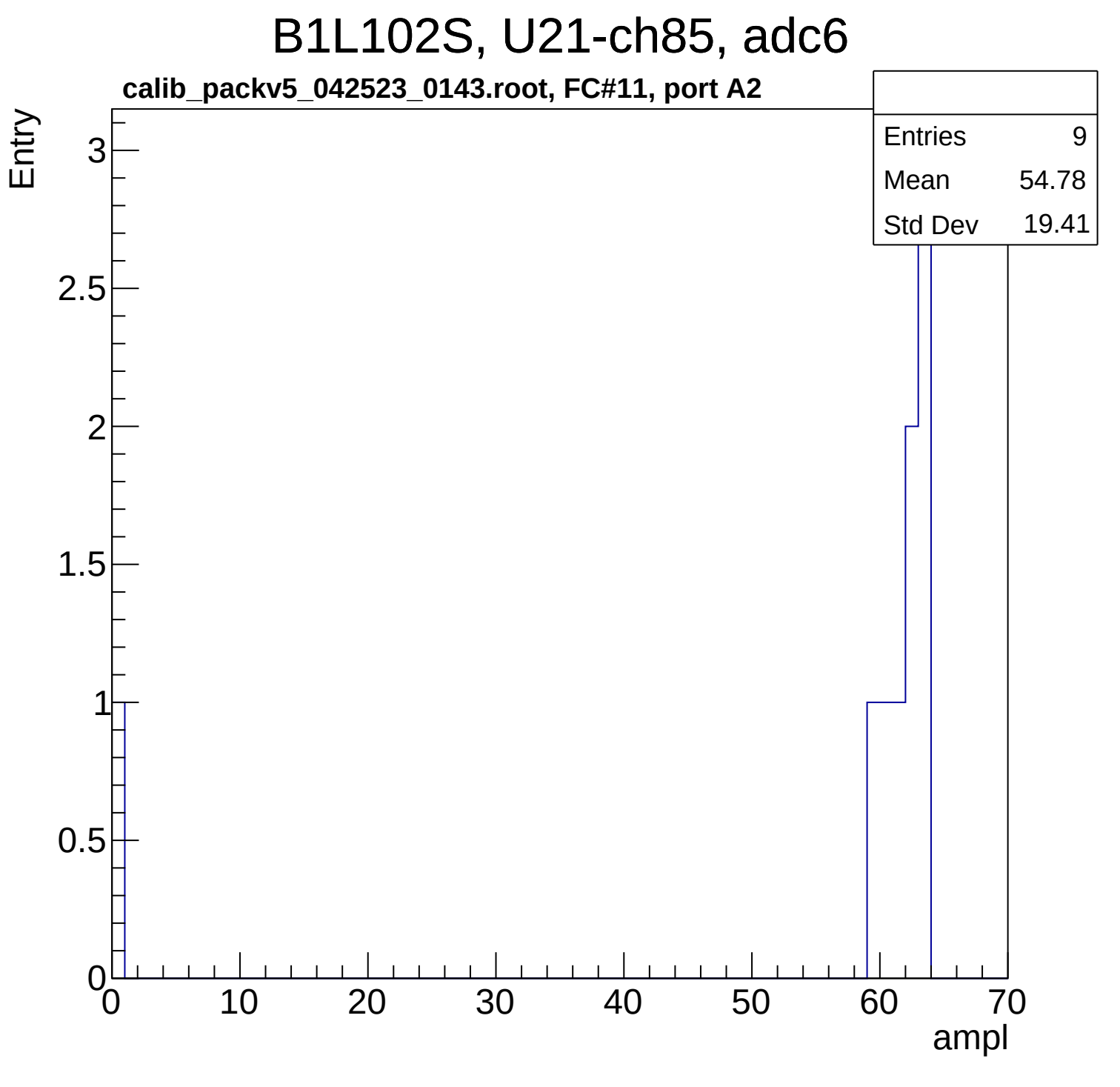
B1L102S, U21-ch85, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 9
Mean 54.78
Std Dev 19.41
Entry
ampl
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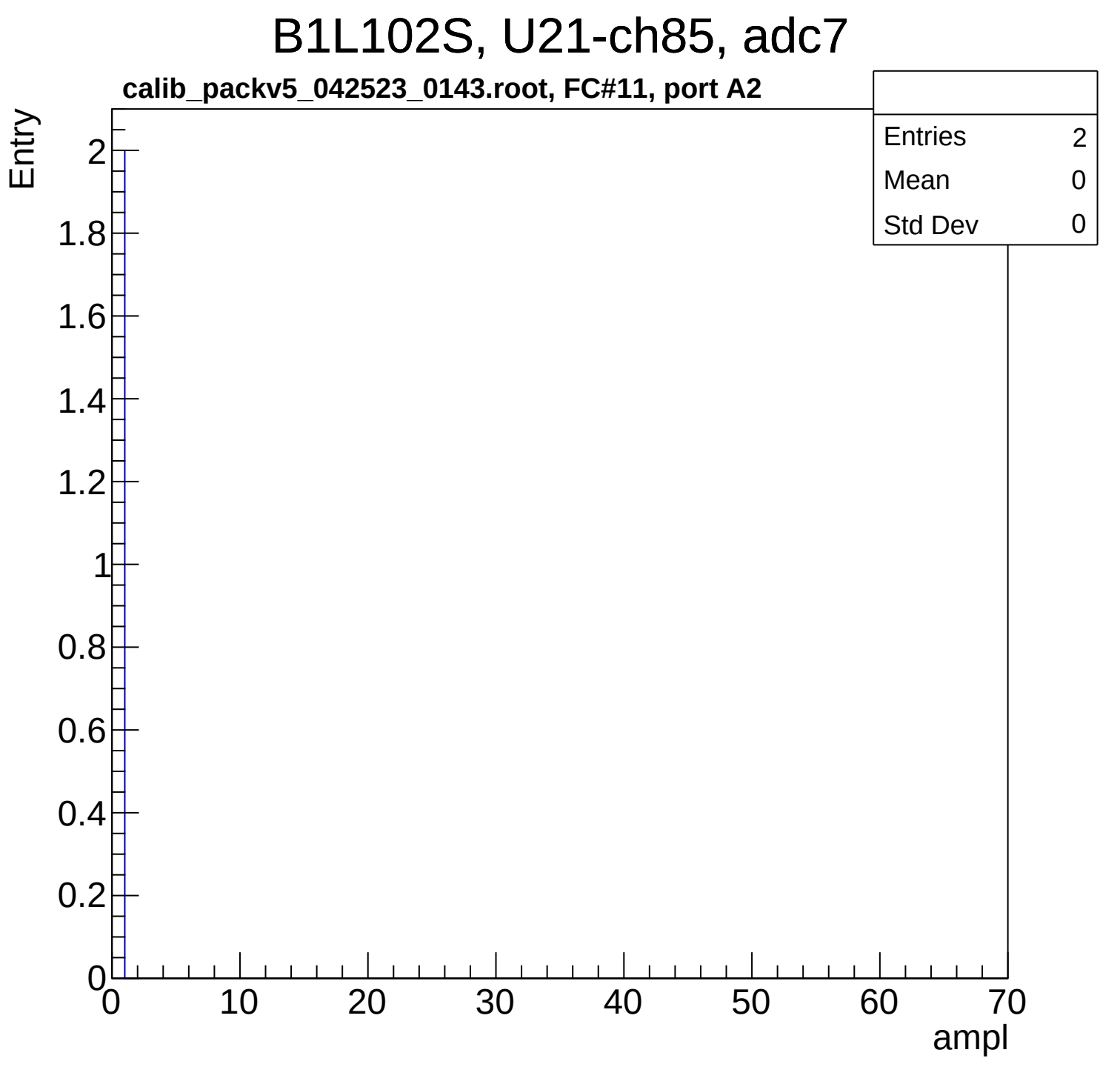
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U21-ch85, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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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30
40
50
60
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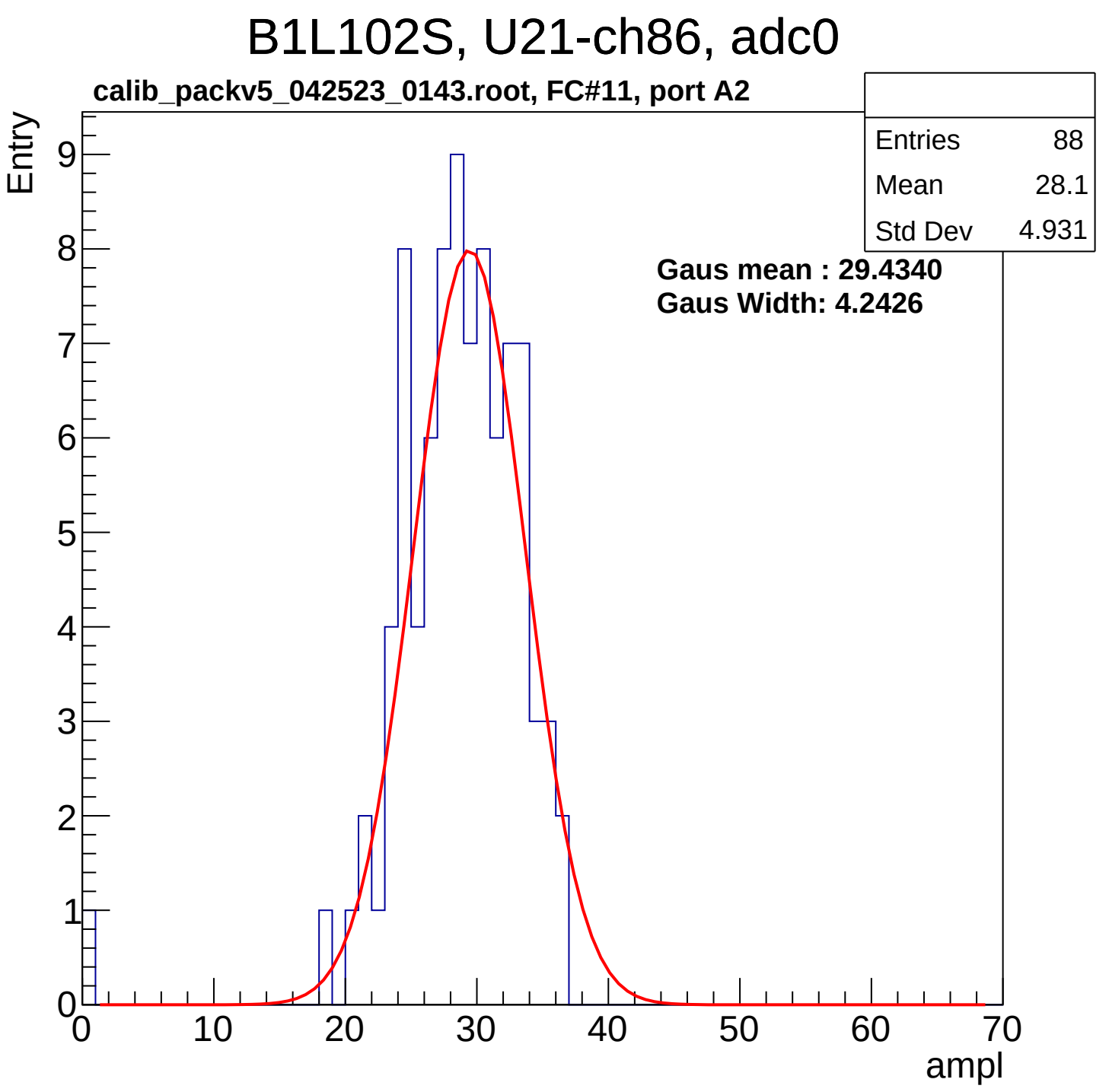
B1L102S, U21-ch86, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 88
Mean 28.1
Std Dev 4.931
Gaus mean : 29.4340
Gaus Width: 4.2426
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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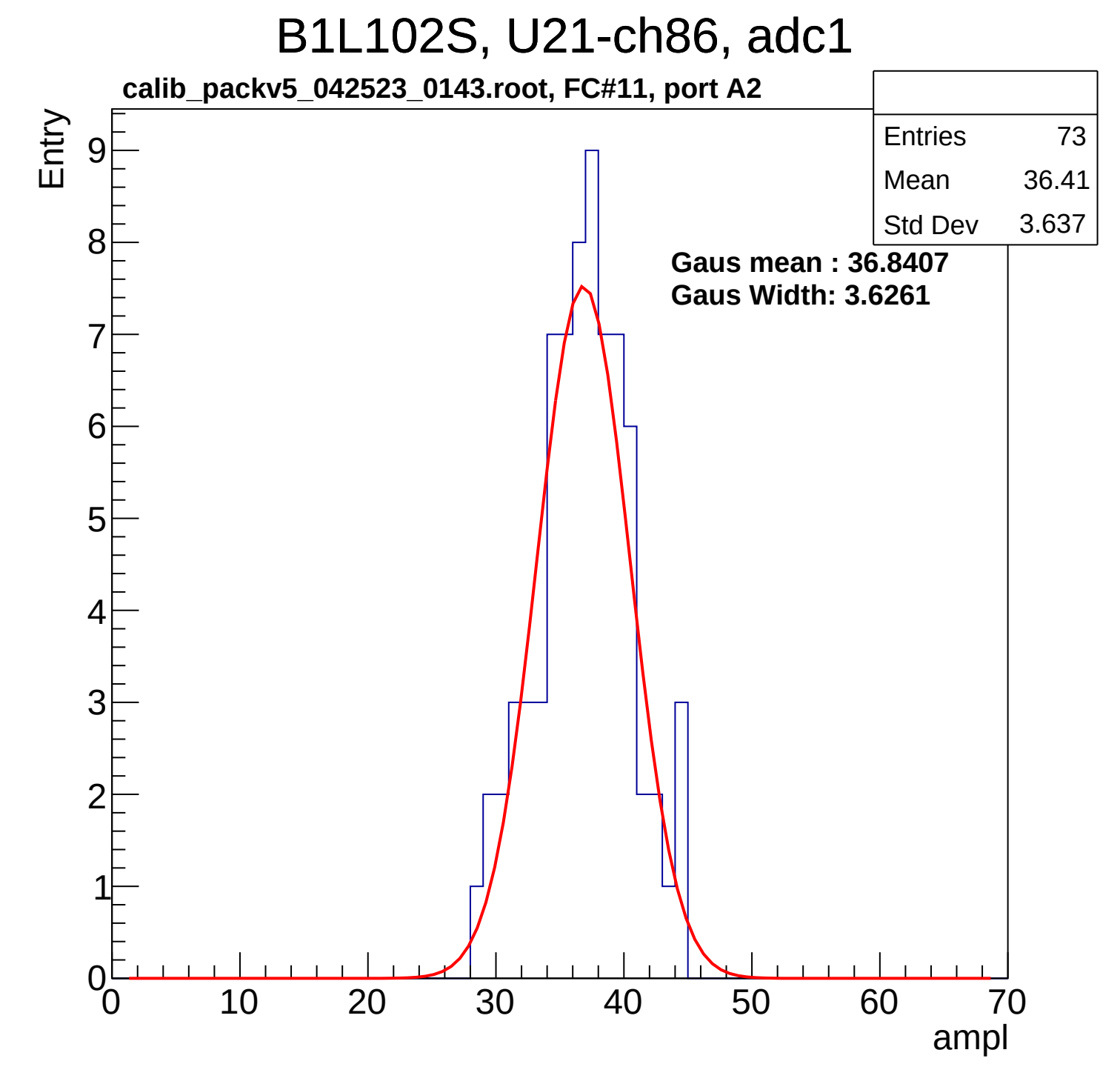
B1L102S, U21-ch86, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 36.41
Std Dev 3.637
Gaus mean : 36.8407
Gaus Width: 3.6261
Entry
ampl
0
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2
3
4
5
6
7
8
9
0
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20
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40
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60
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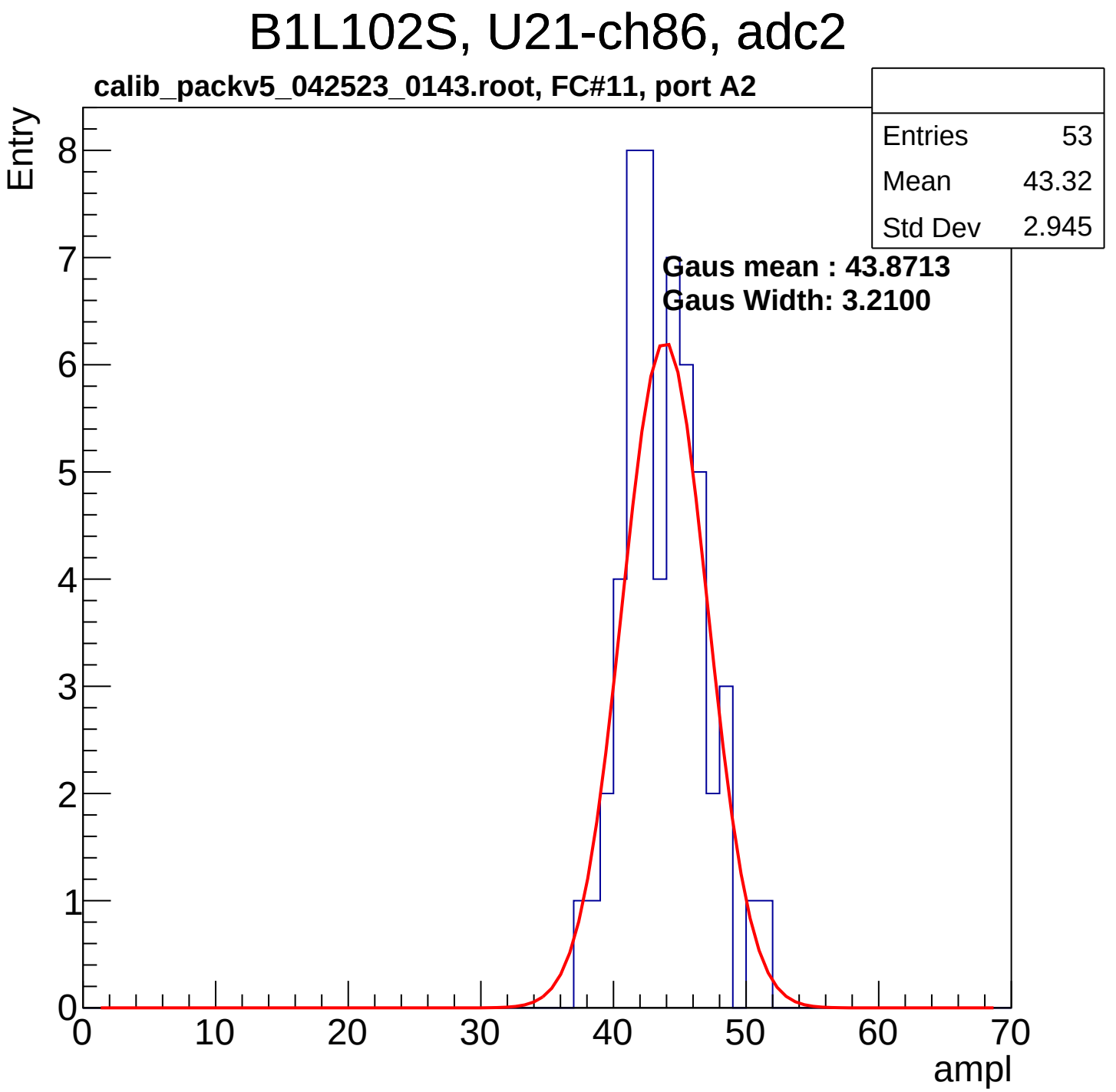
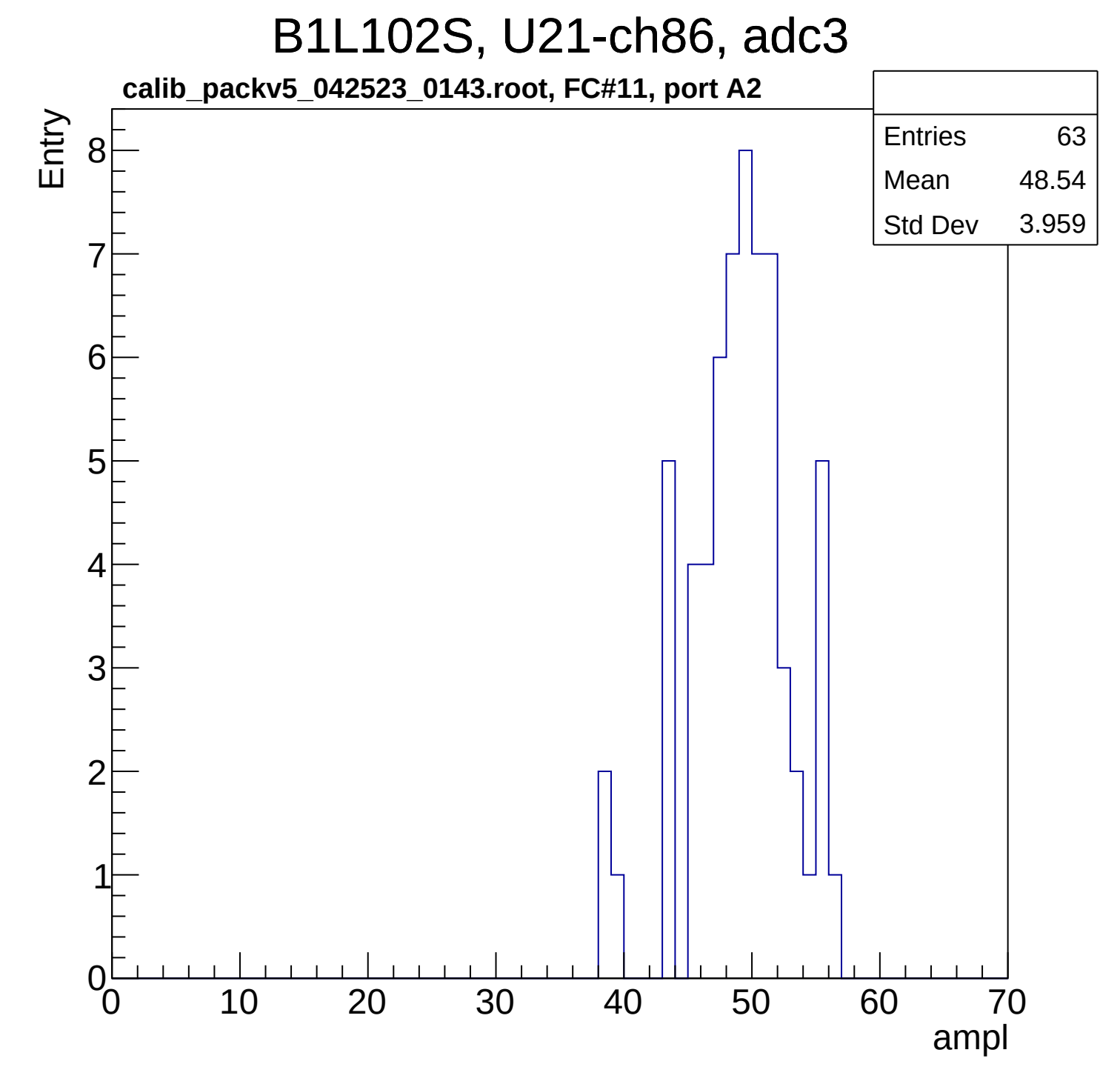

B1L102S, U21-ch86, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 53
Mean 43.32
Std Dev 2.945
Gaus mean : 43.8713
Gaus Width: 3.2100
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch86, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 48.54
Std Dev 3.959
Entry
ampl
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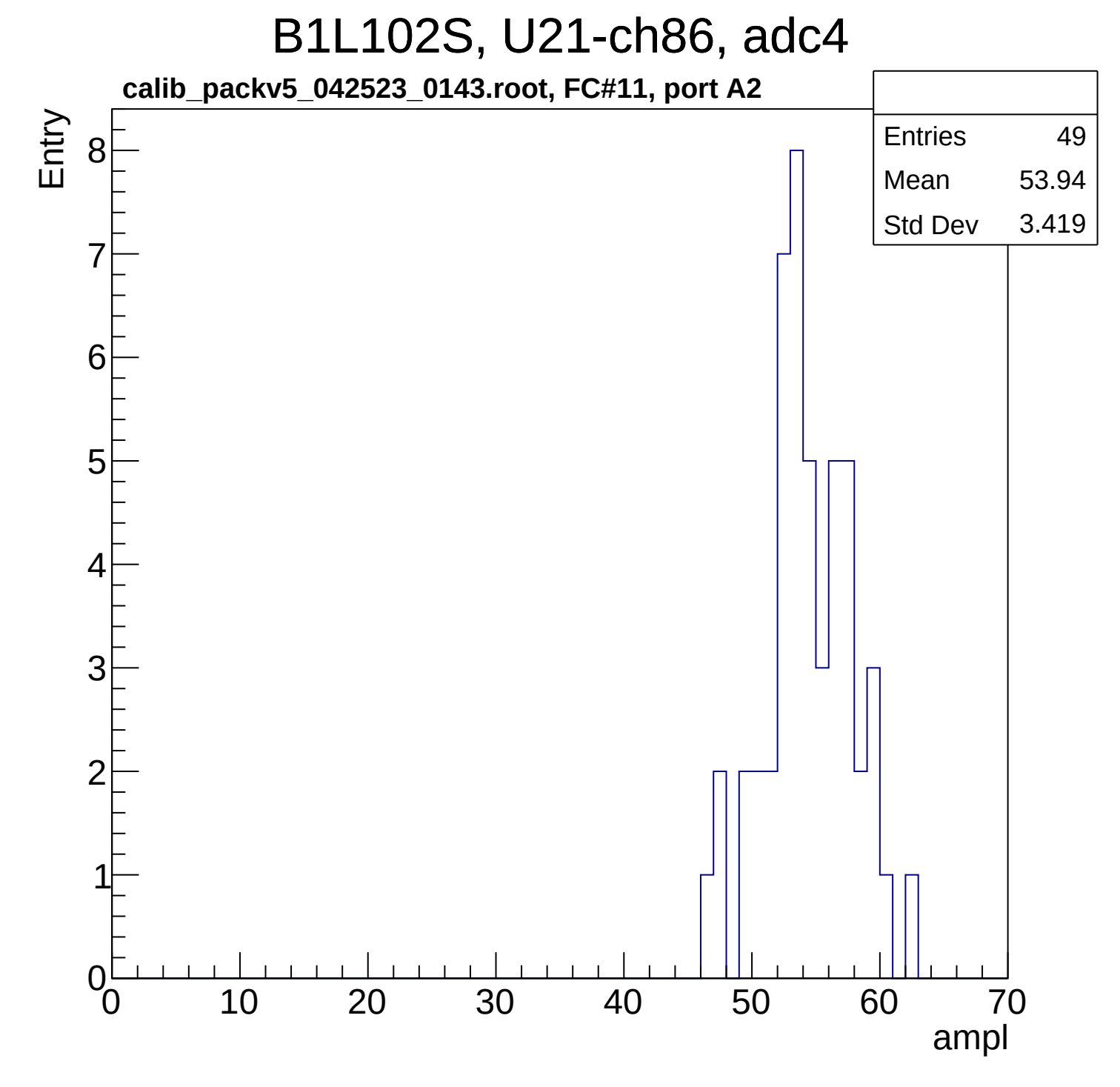
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch86, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 53.94
Std Dev 3.419
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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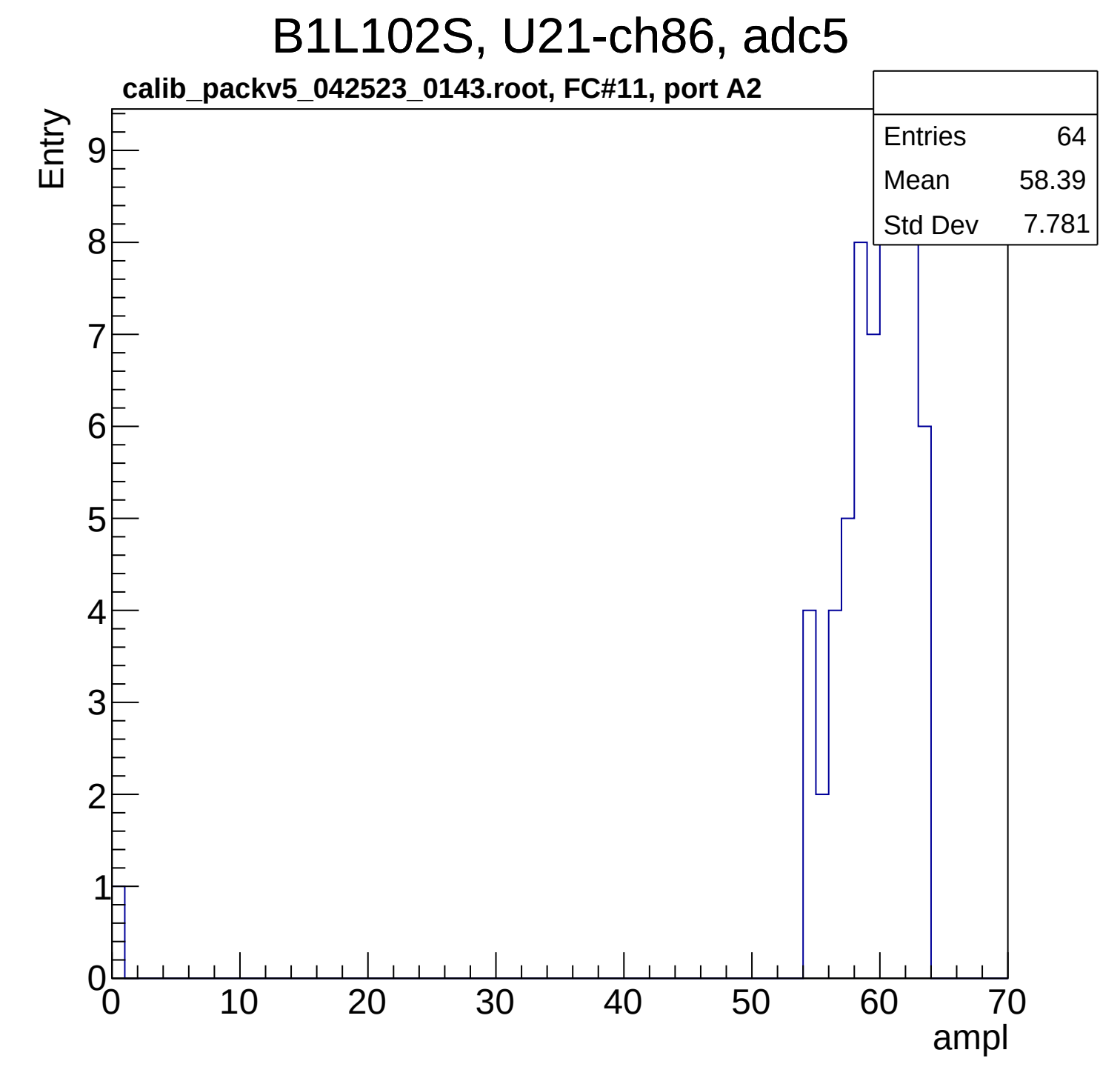
B1L102S, U21-ch86, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 58.39
Std Dev 7.781
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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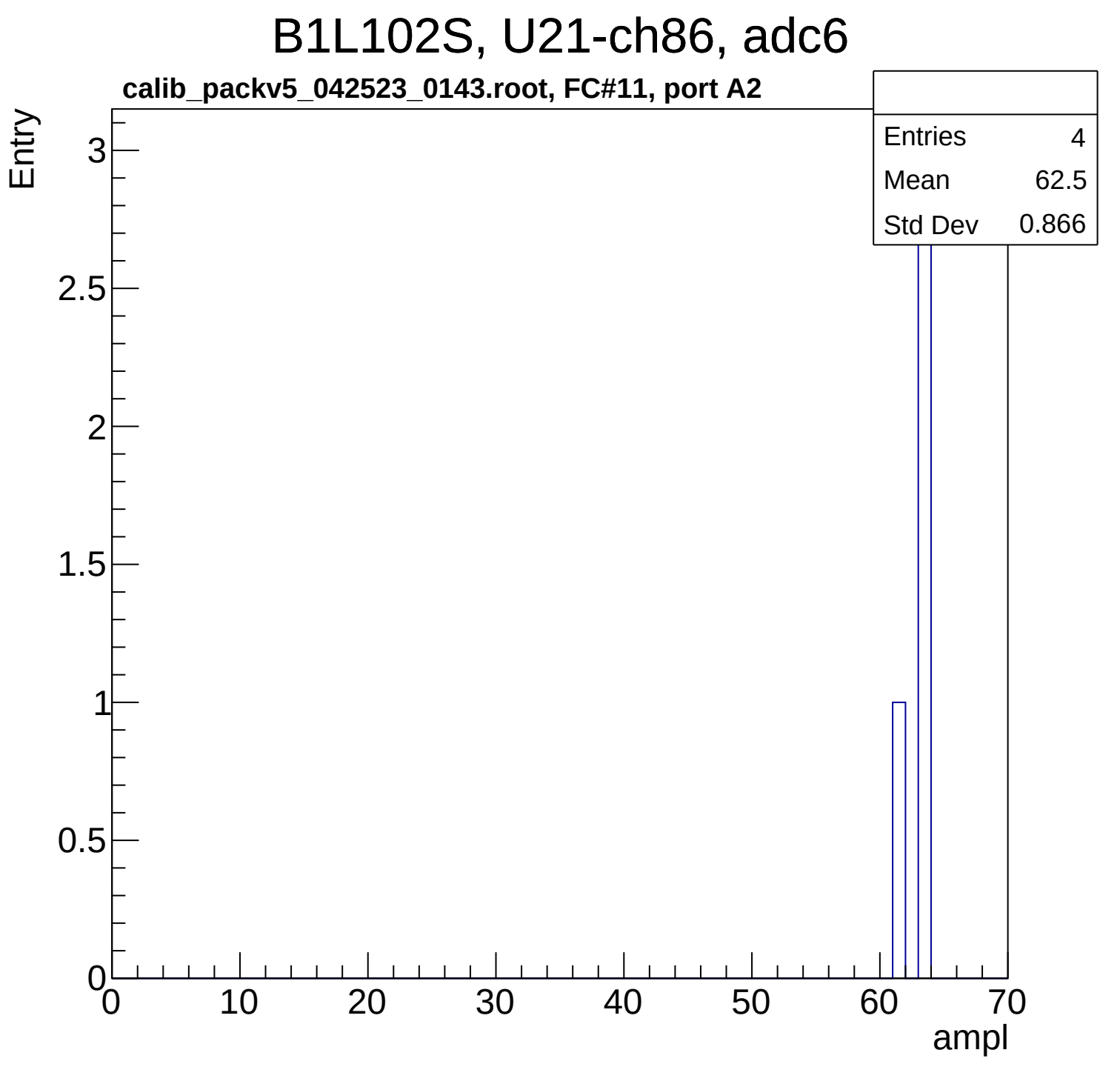
B1L102S, U21-ch86, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 62.5
Std Dev 0.866
Entry
ampl
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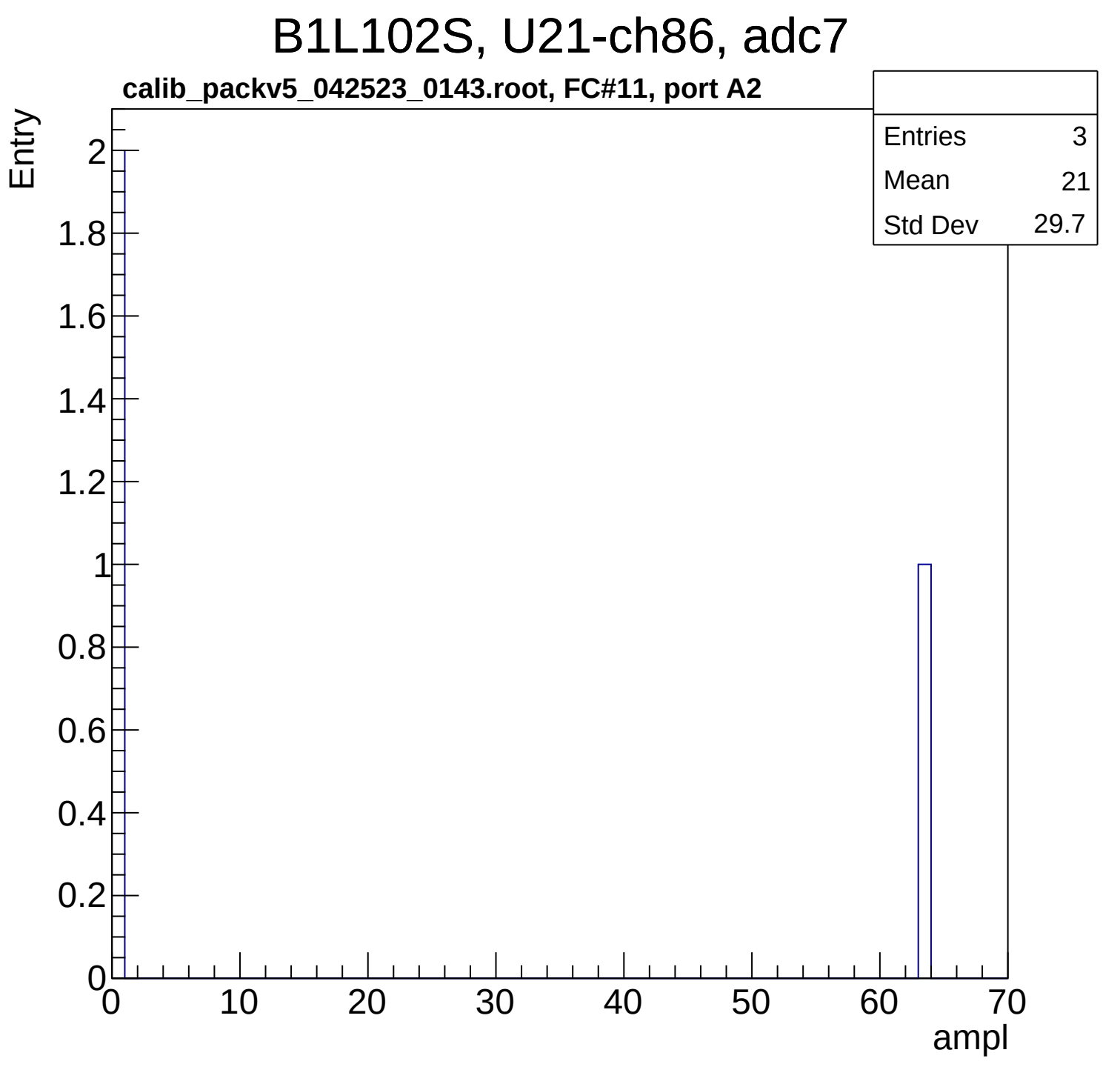
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U21-ch86, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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
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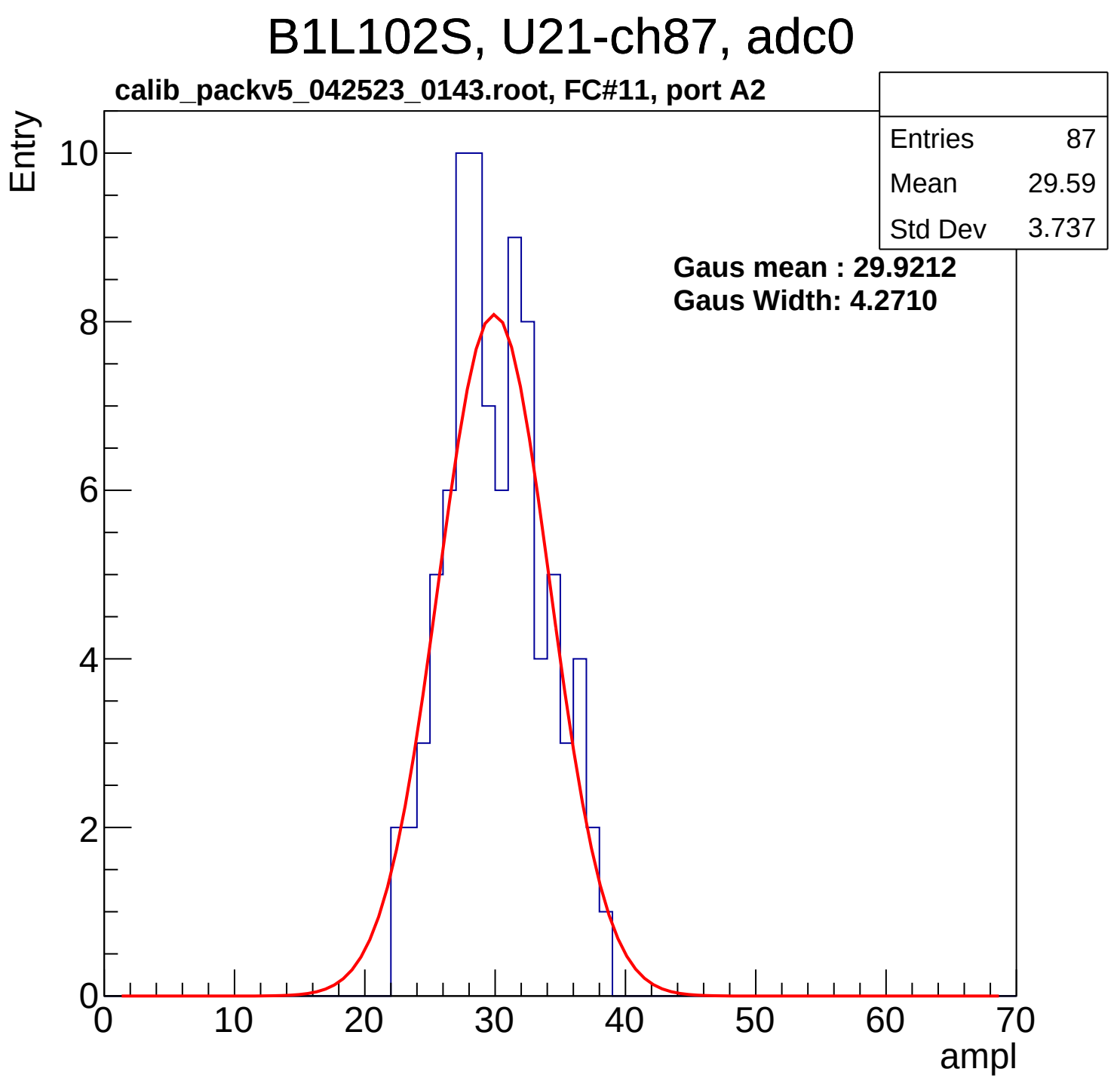
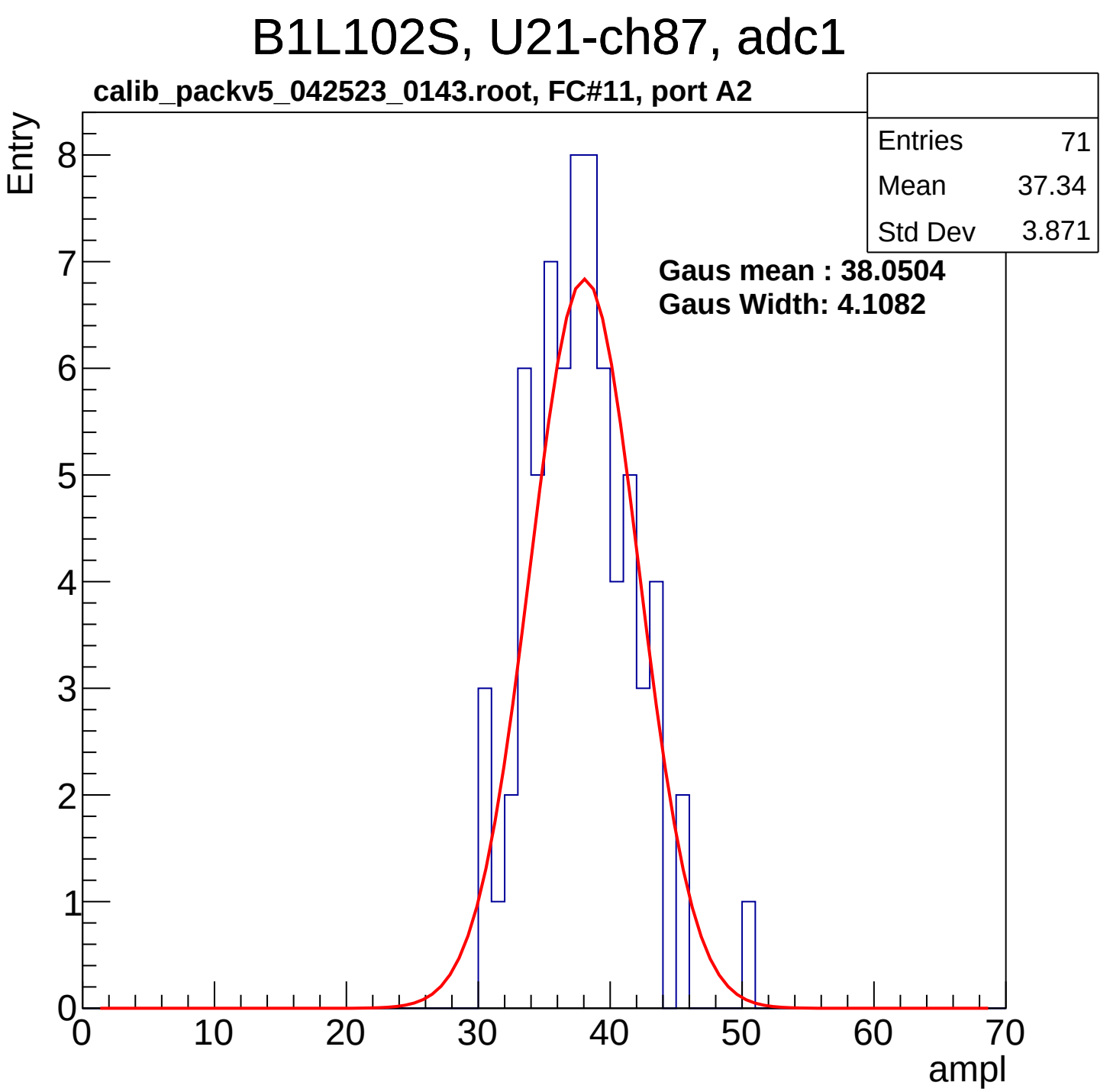

B1L102S, U21-ch87, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 87
Mean 29.59
Std Dev 3.737
Gaus mean : 29.9212
Gaus Width: 4.2710
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch87, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 37.34
Std Dev 3.871
Gaus mean : 38.0504
Gaus Width: 4.1082
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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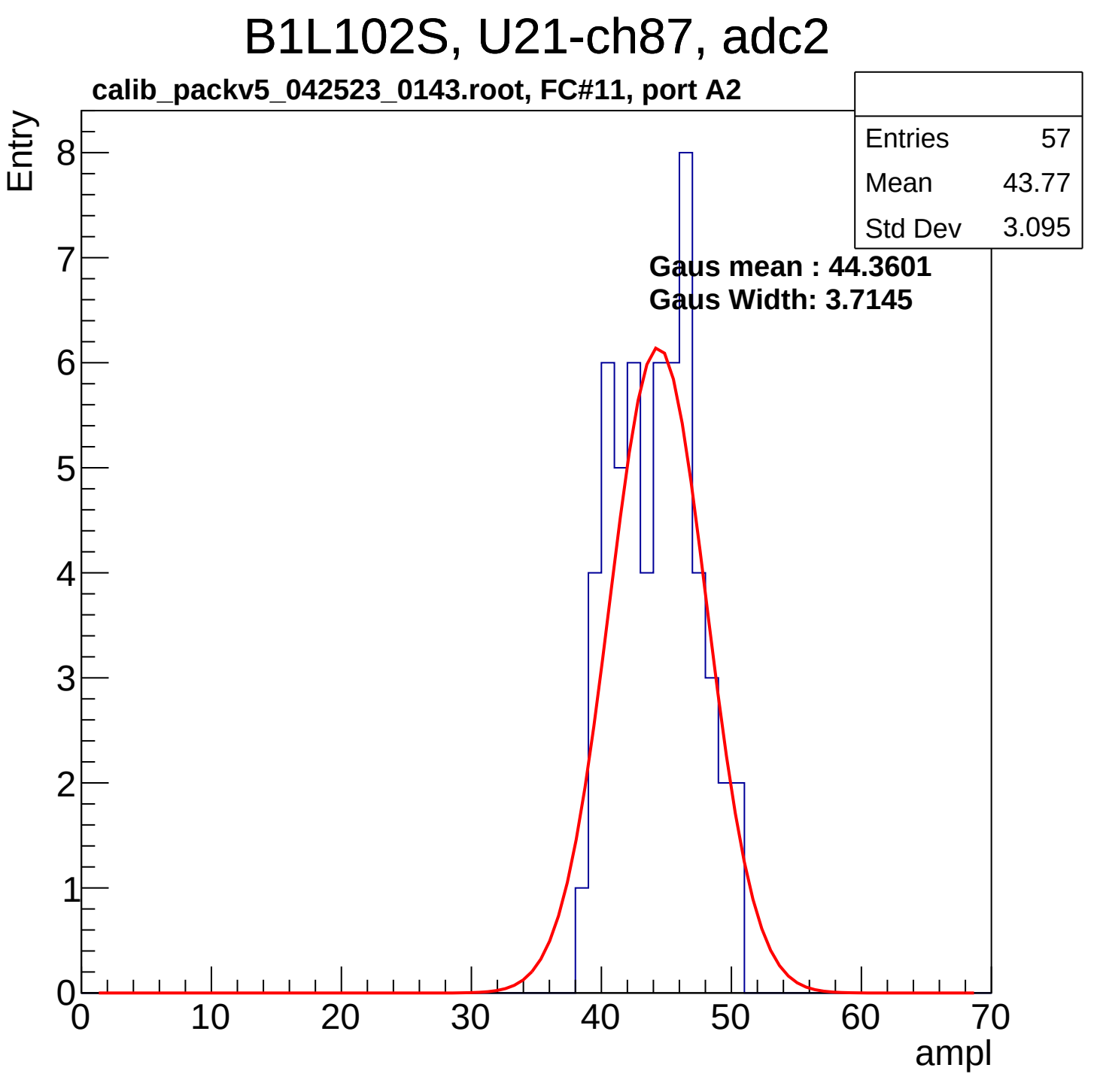
B1L102S, U21-ch87, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 43.77
Std Dev 3.095
Gaus mean : 44.3601
Gaus Width: 3.7145
Entry
ampl
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1
2
3
4
5
6
7
8
0
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60
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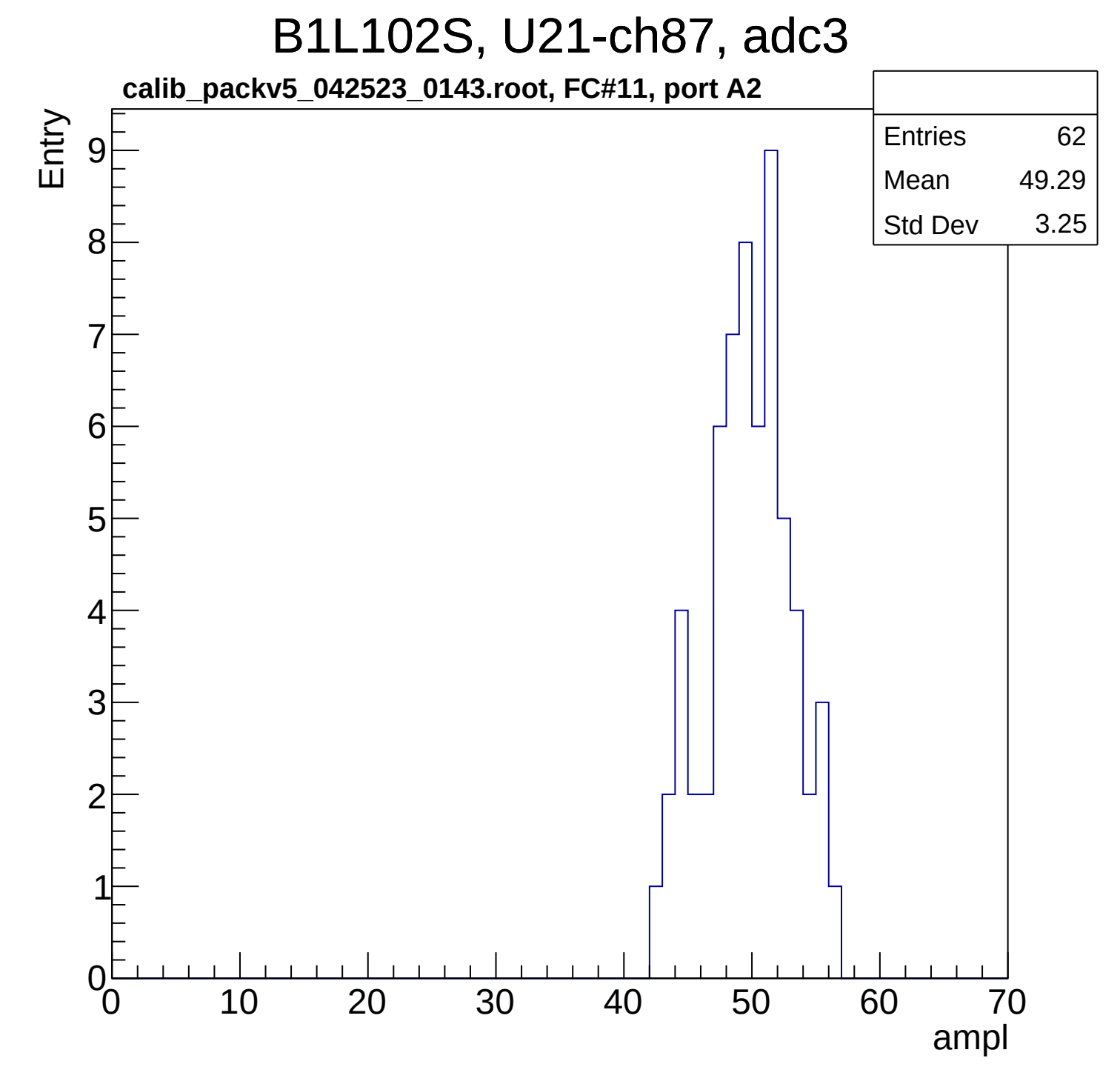
B1L102S, U21-ch87, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 49.29
Std Dev 3.25
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
10
20
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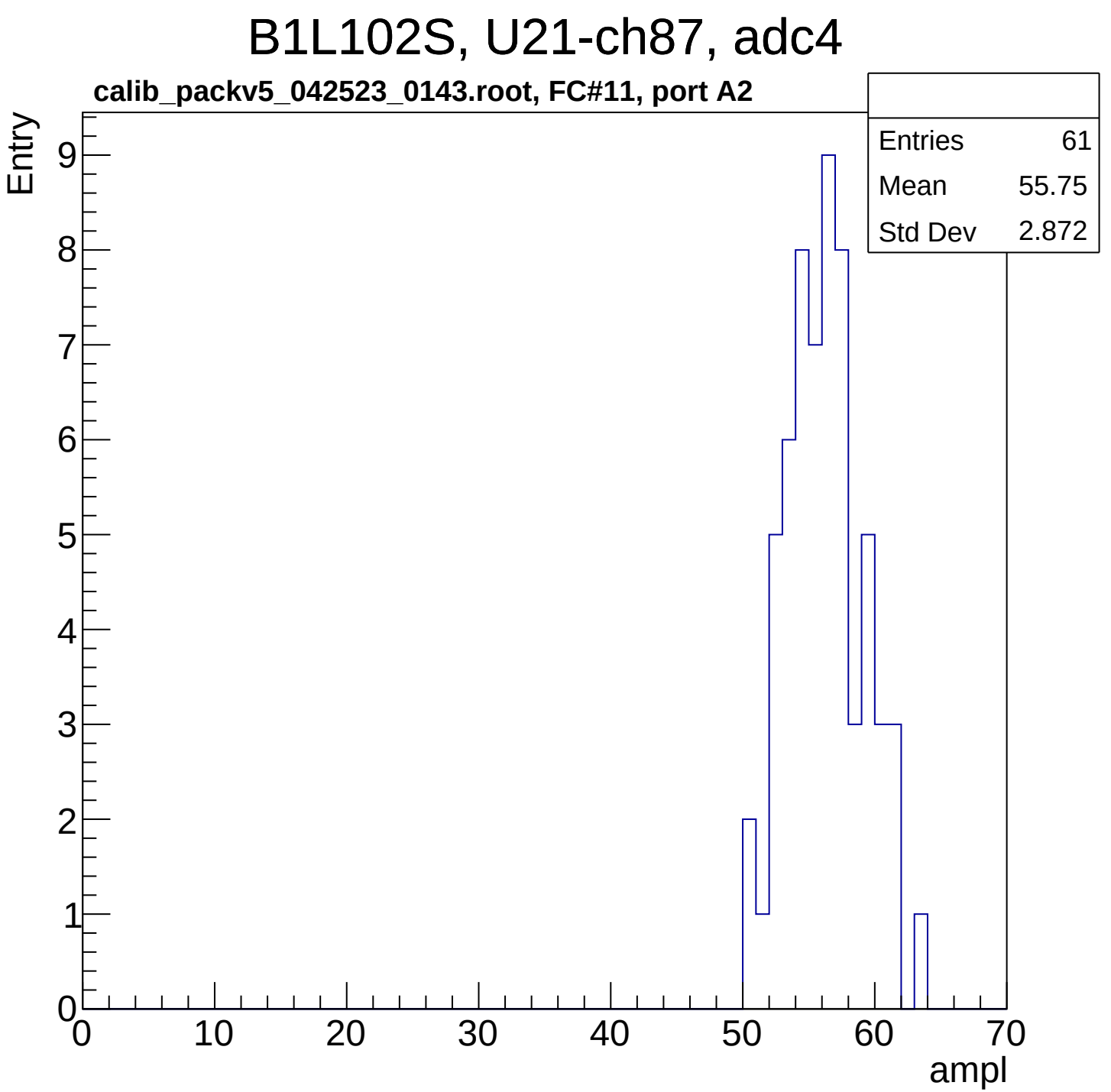
40
50
60
70


B1L102S, U21-ch87, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 55.75
Std Dev 2.872
Entry
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5
6
7
8
9
0
10
20
30
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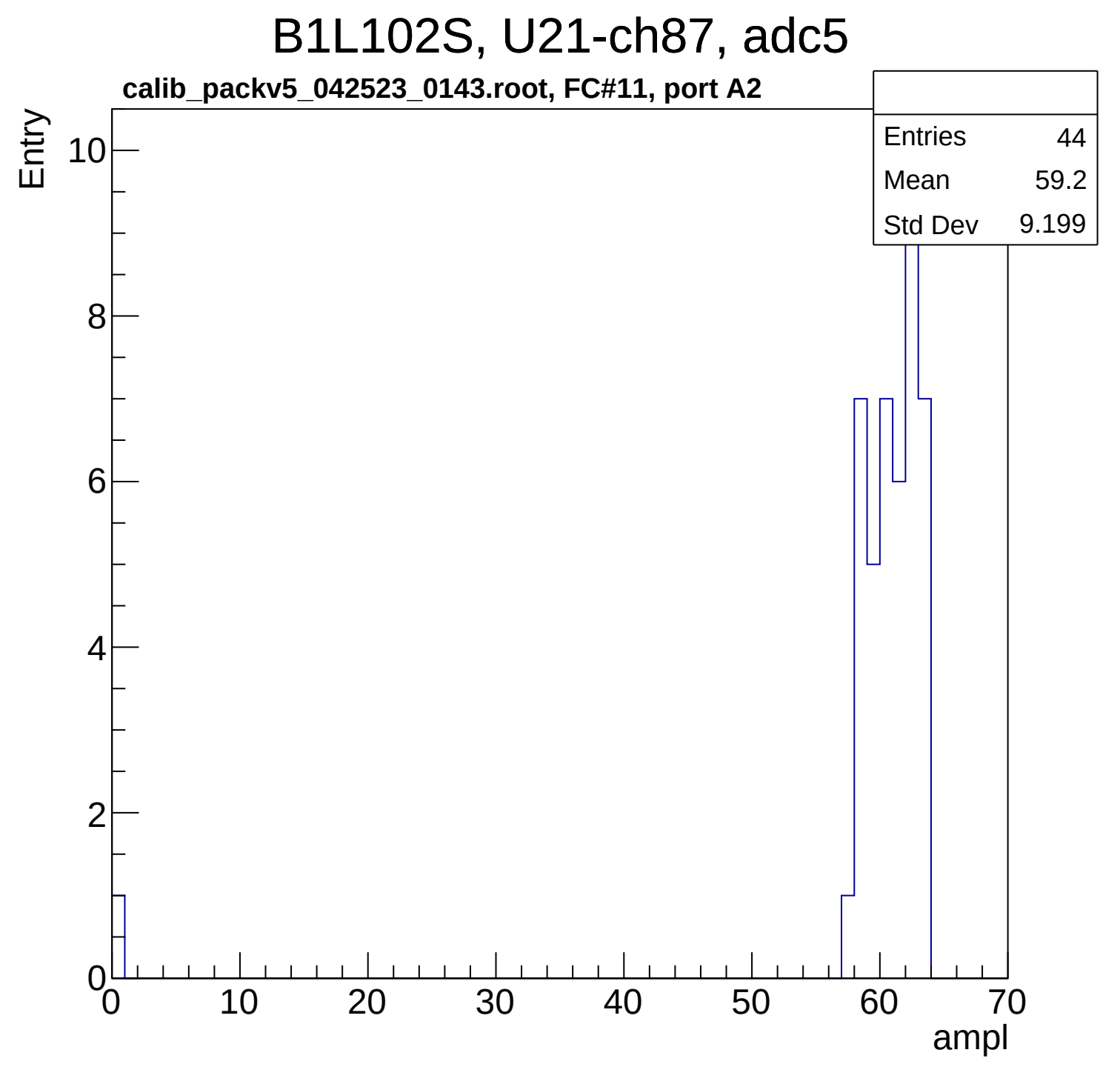
50
60
70
ampl


B1L102S, U21-ch87, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 44
Mean 59.2
Std Dev 9.199
Entry
0
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4
6
8
10
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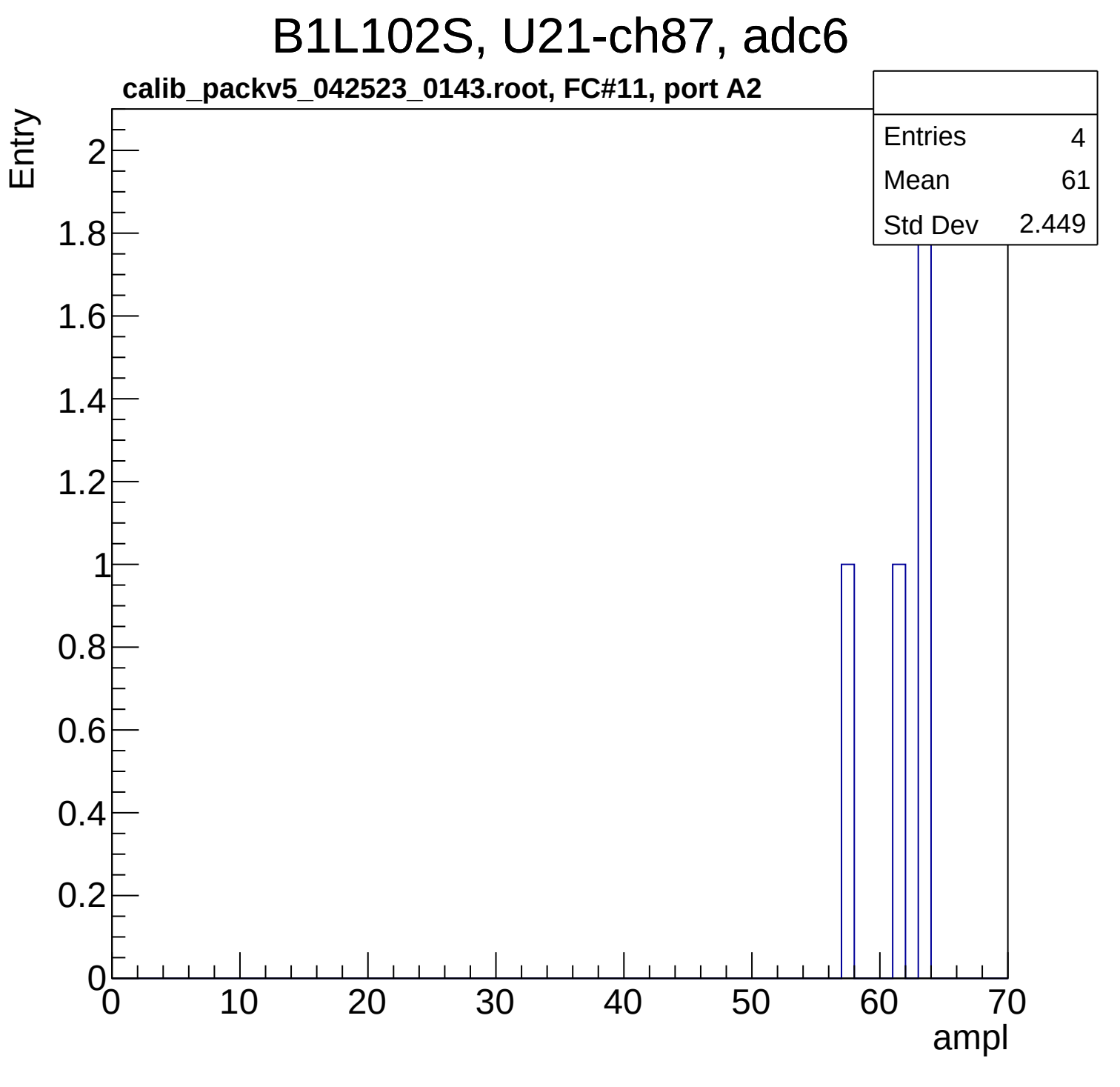
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch87, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 61
Std Dev 2.449
Entry
ampl
0
0.2
0.4
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1.2
1.4
1.6
1.8
2
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60
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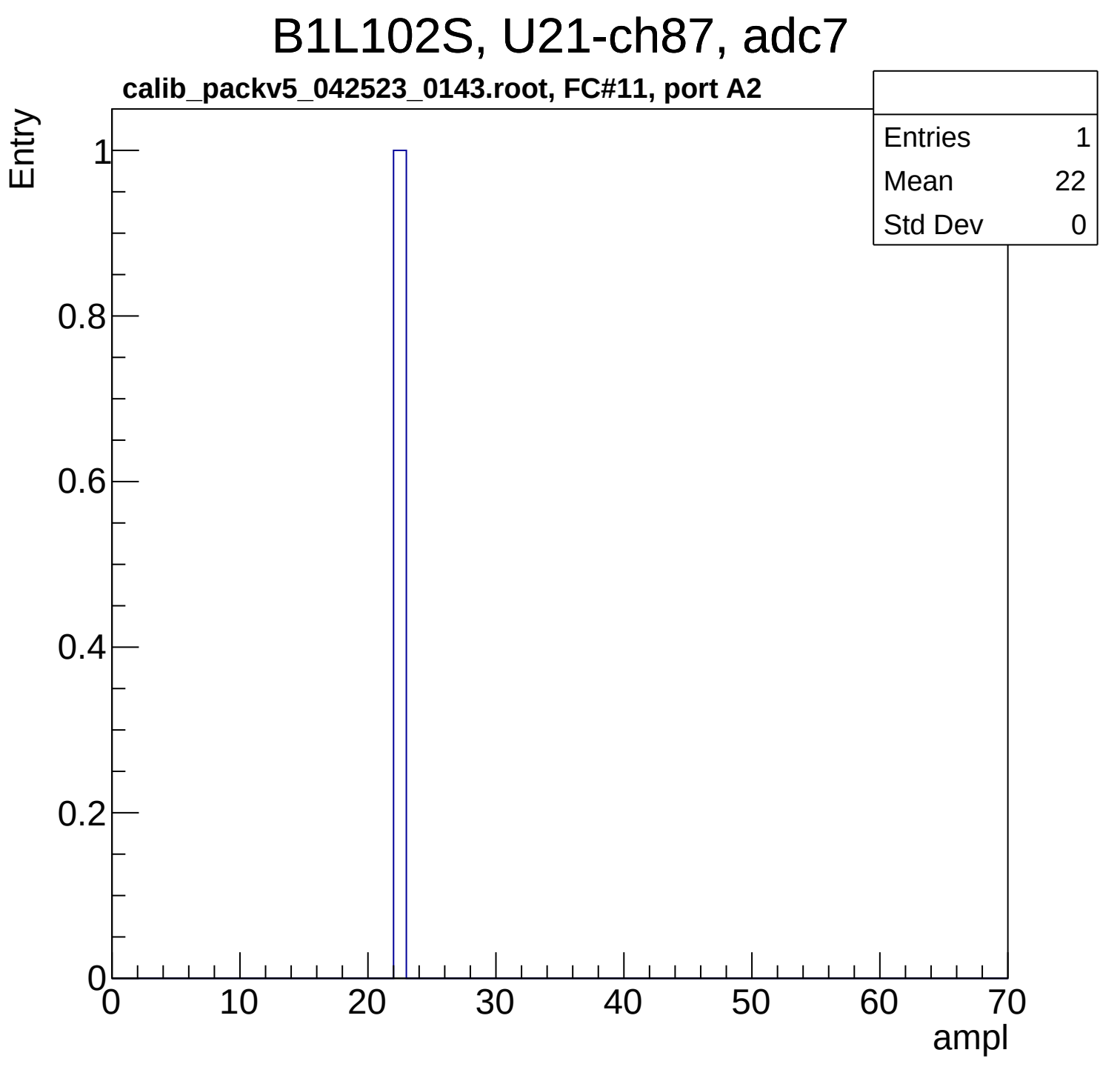
B1L102S, U21-ch87, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 22
Std Dev 0
Entry
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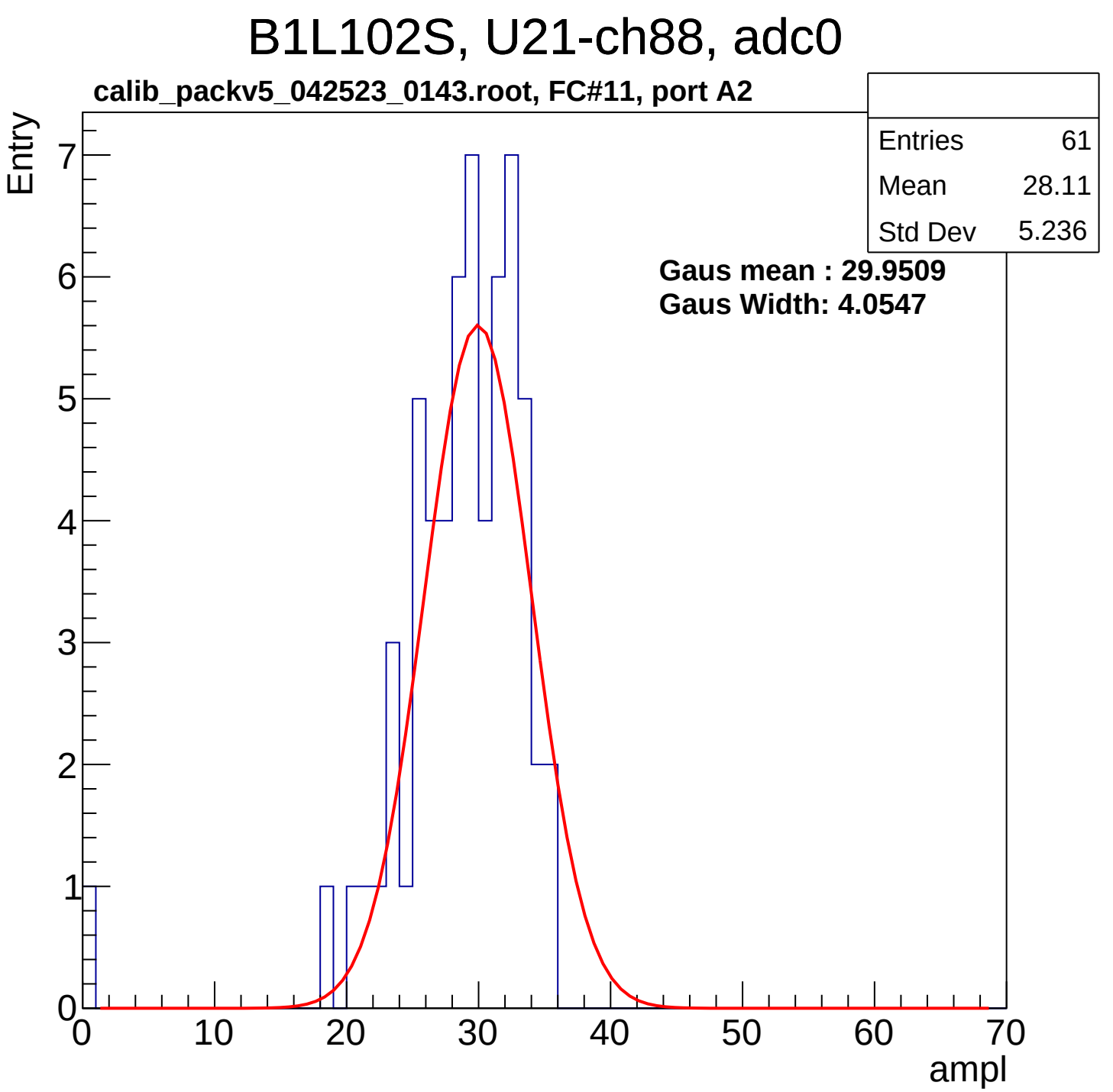
50
60
70
ampl


B1L102S, U21-ch88, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 28.11
Std Dev 5.236
Gaus mean : 29.9509
Gaus Width: 4.0547
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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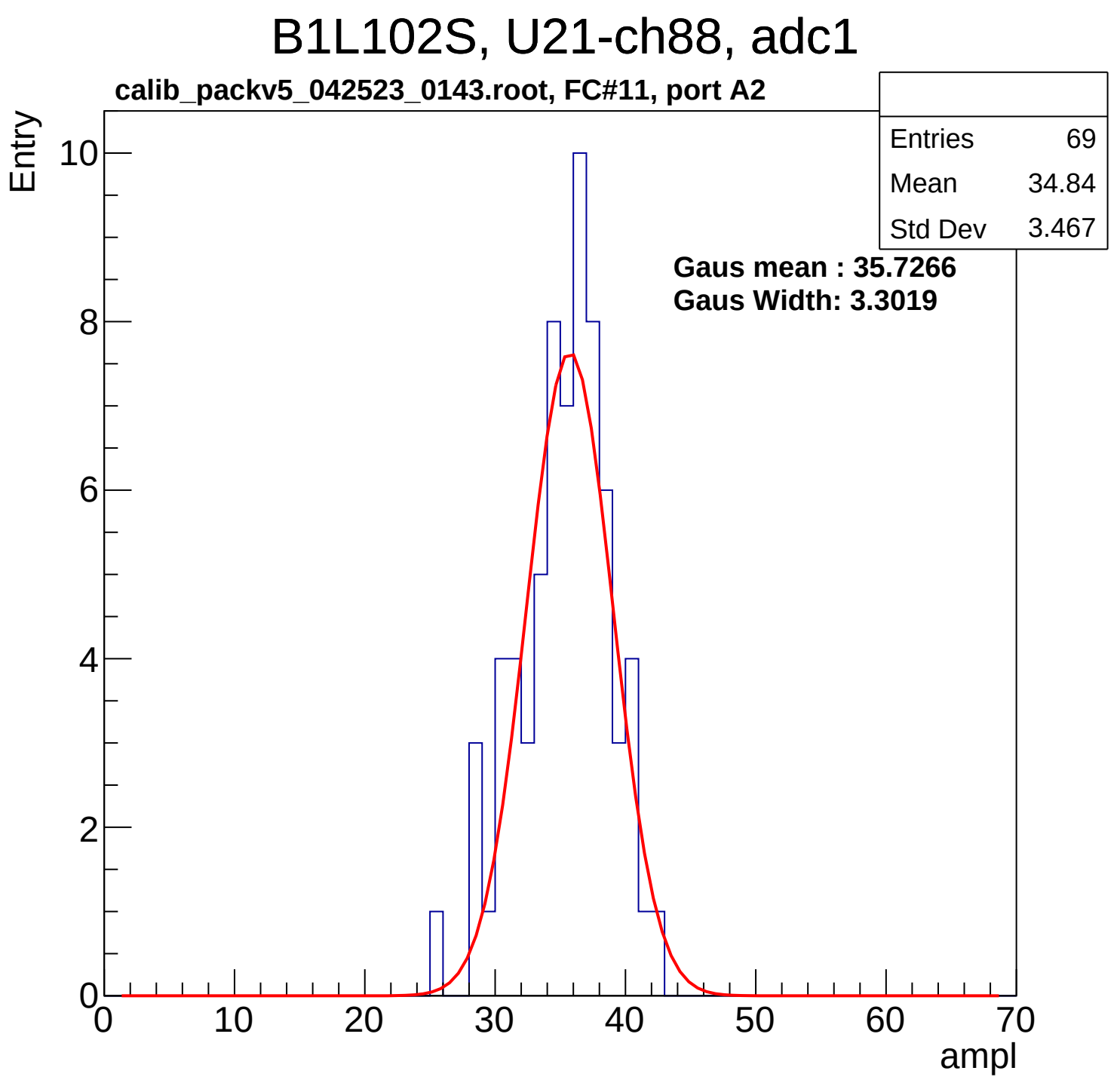
B1L102S, U21-ch88, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 34.84
Std Dev 3.467
Gaus mean : 35.7266
Gaus Width: 3.3019
Entry
ampl
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4
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0
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50
60
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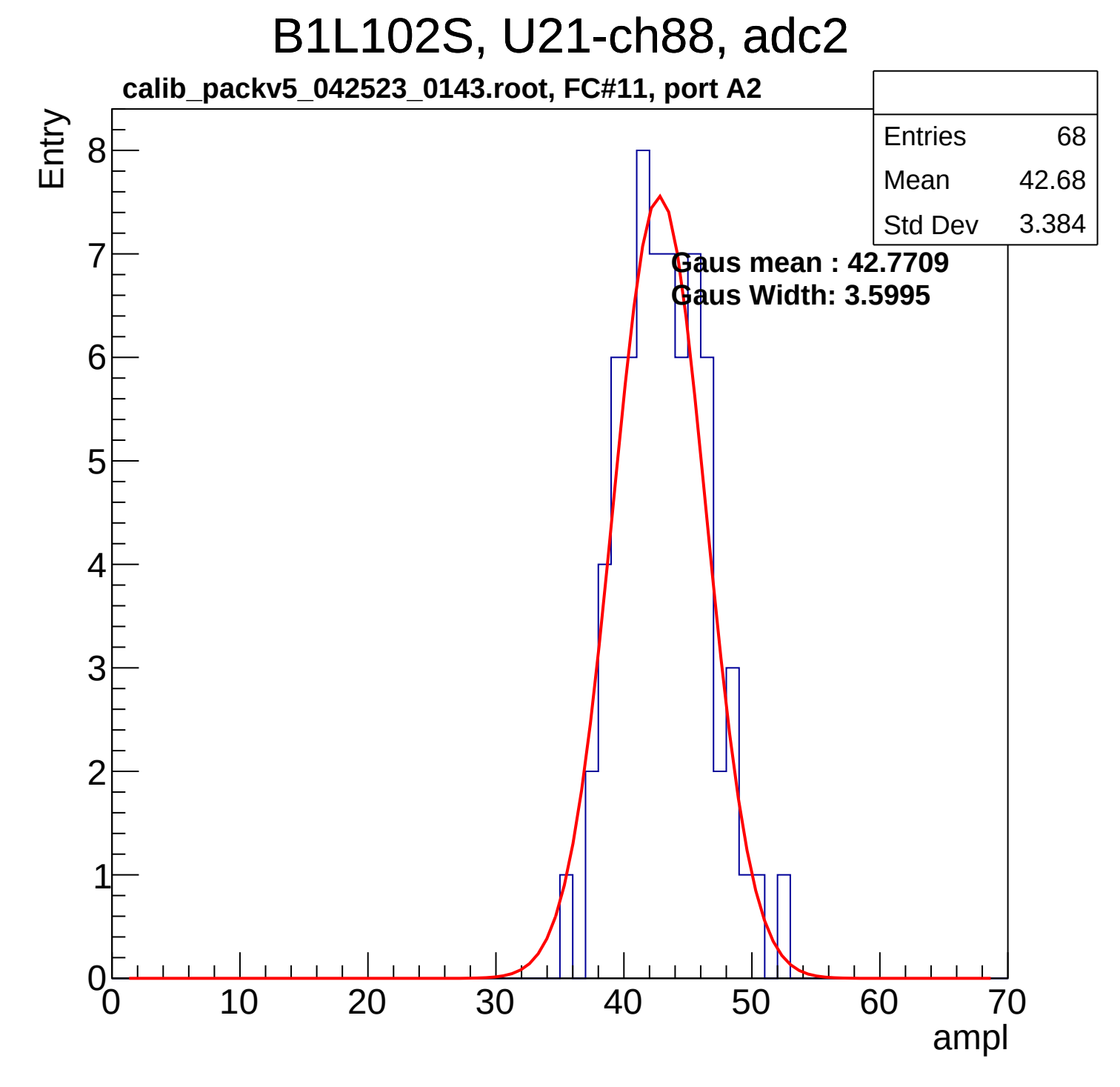
B1L102S, U21-ch88, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 42.68
Std Dev 3.384
Gaus mean : 42.7709
Gaus Width: 3.5995
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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40
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60
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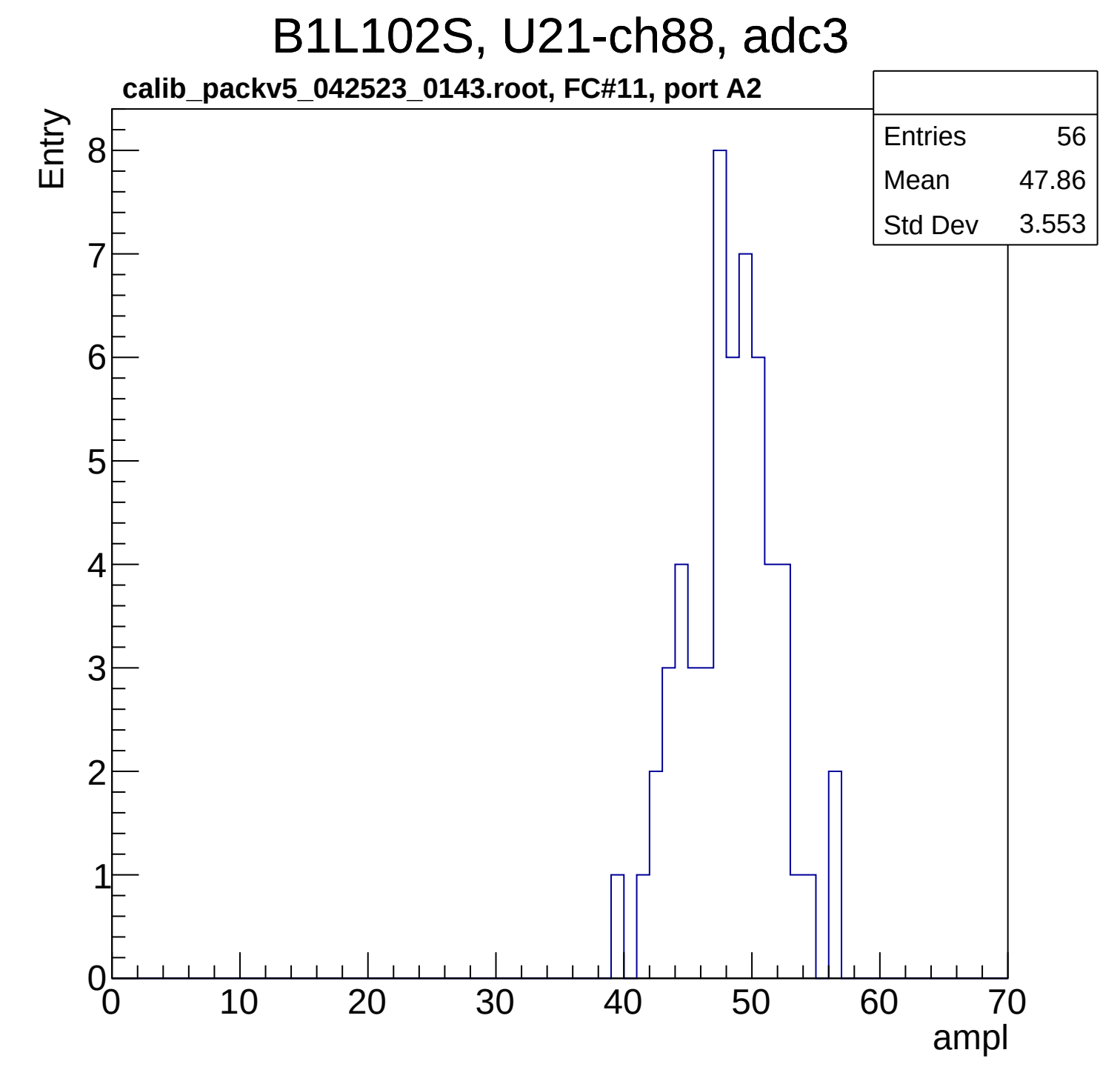
B1L102S, U21-ch88, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 47.86
Std Dev 3.553
Entry
ampl
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2
3
4
5
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7
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0
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40
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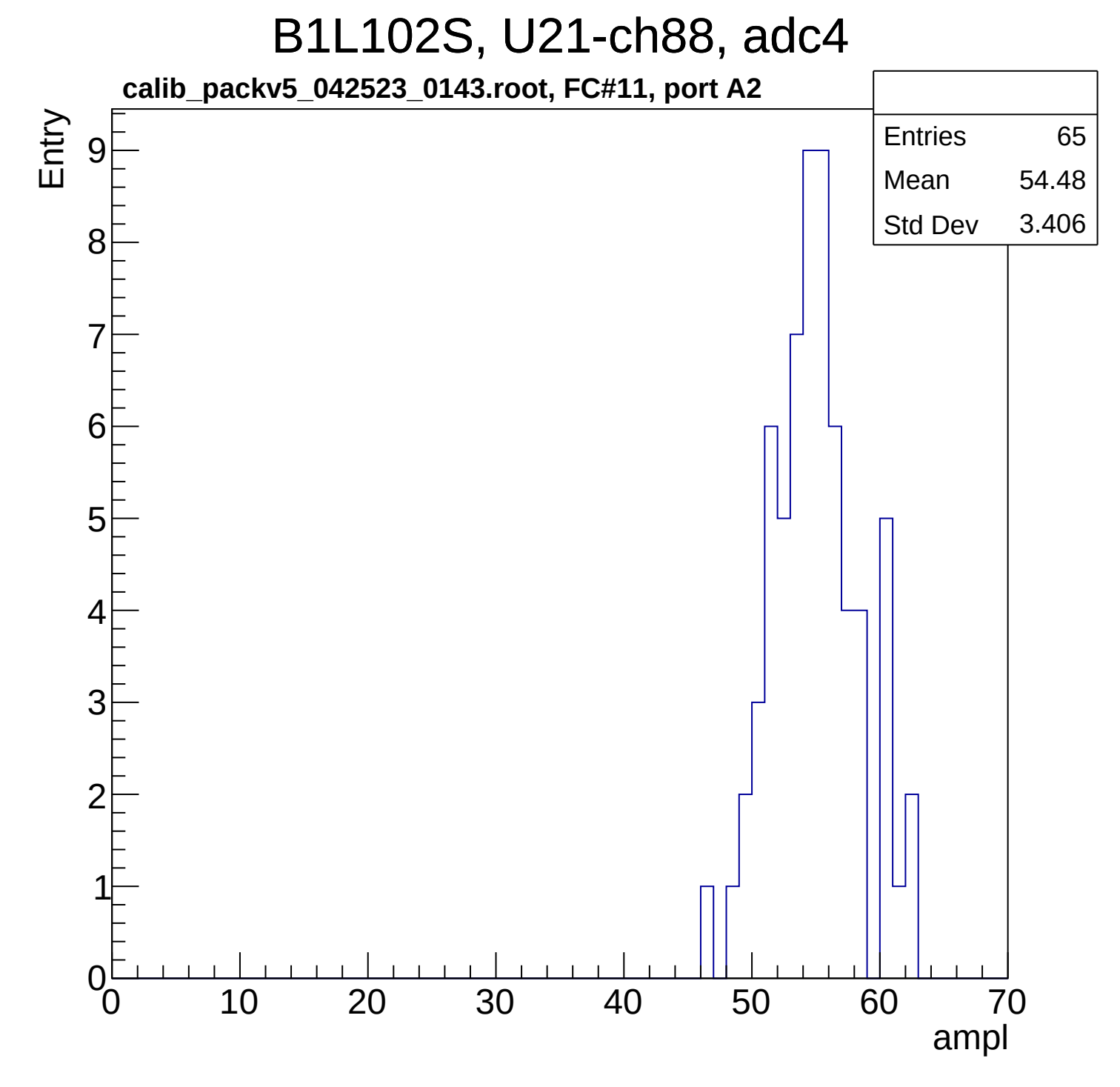
B1L102S, U21-ch88, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 54.48
Std Dev 3.406
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
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40
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60
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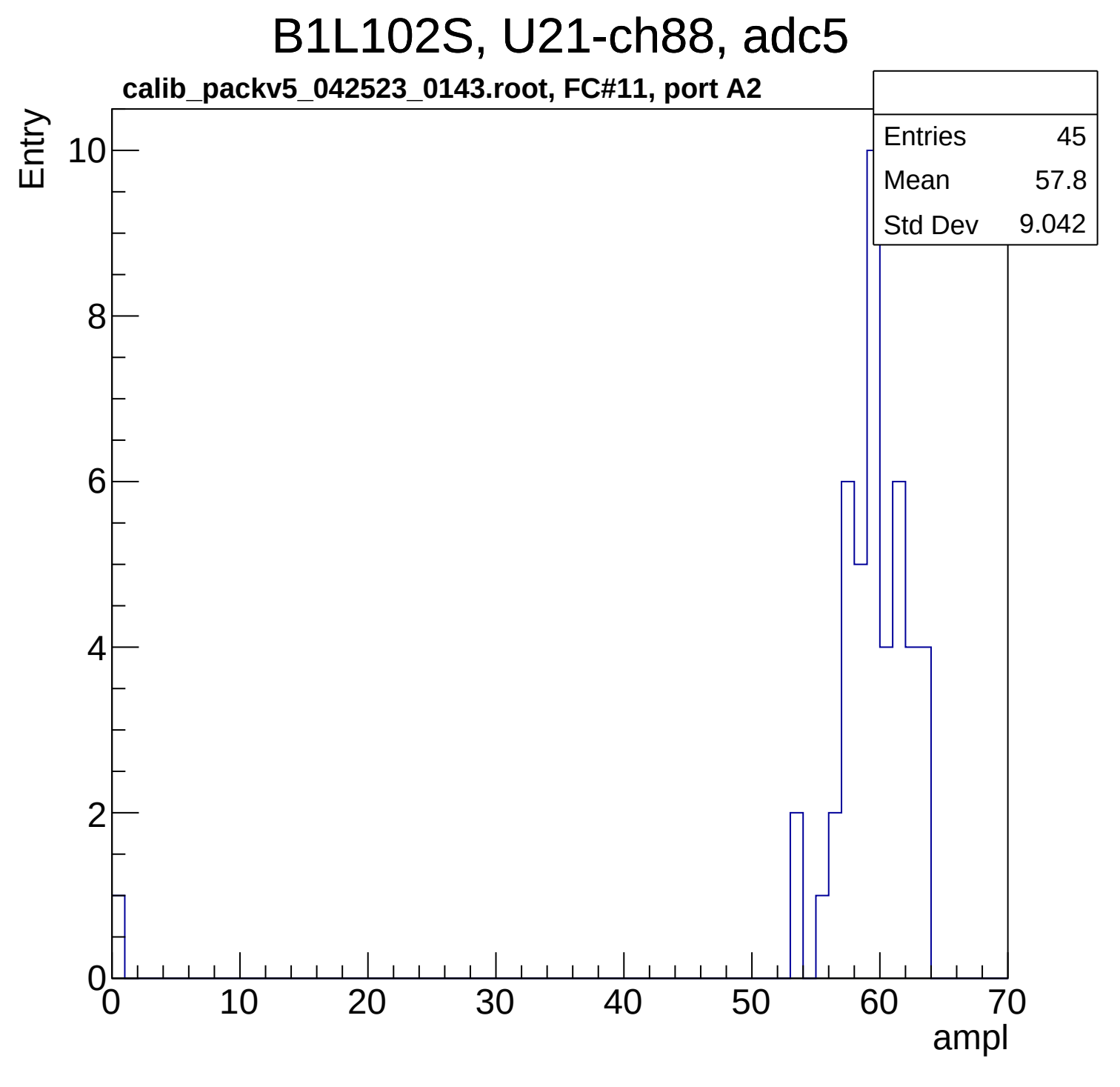
B1L102S, U21-ch88, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 45
Mean 57.8
Std Dev 9.042
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
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60
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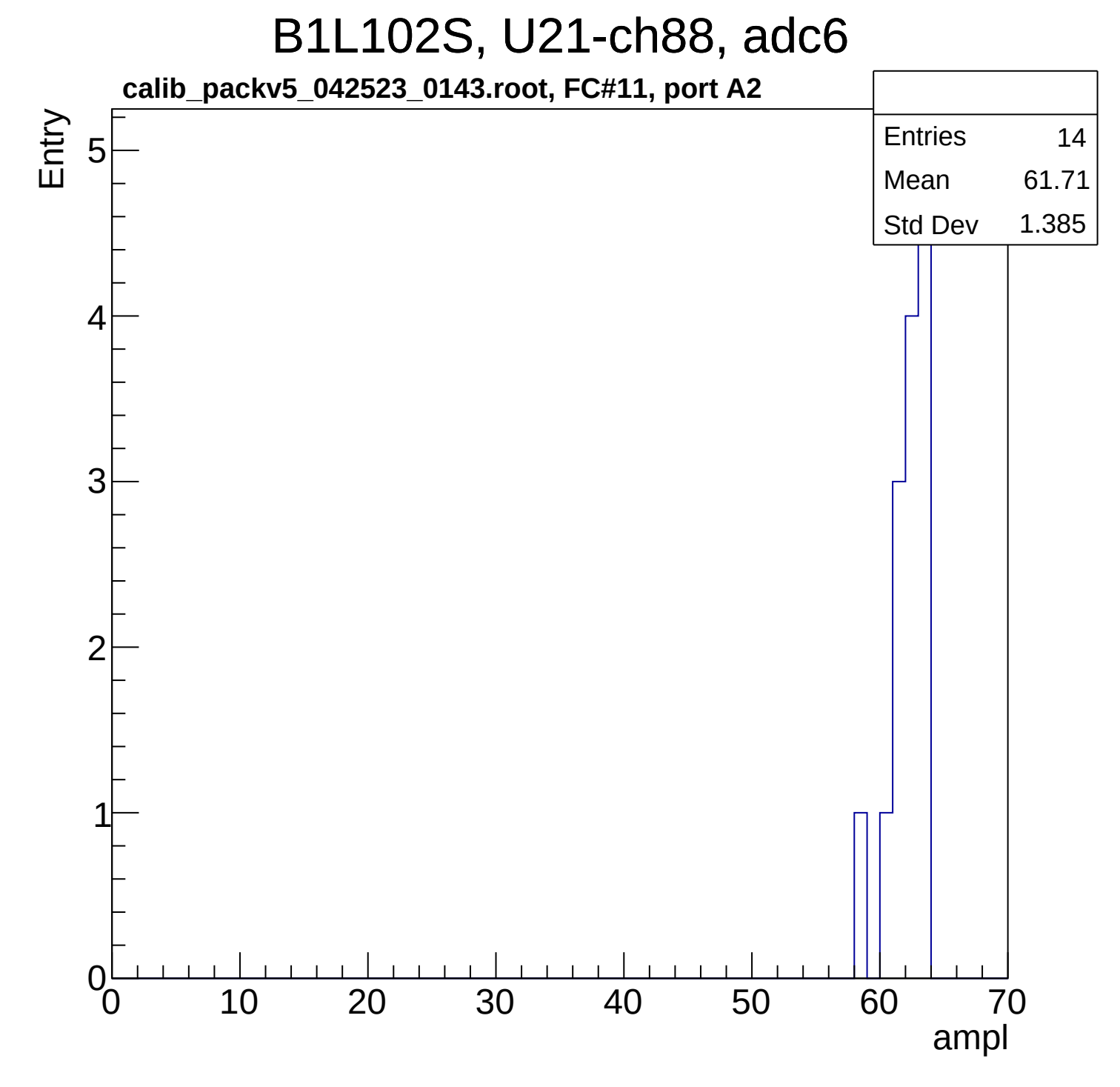
B1L102S, U21-ch88, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 14
Mean 61.71
Std Dev 1.385
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
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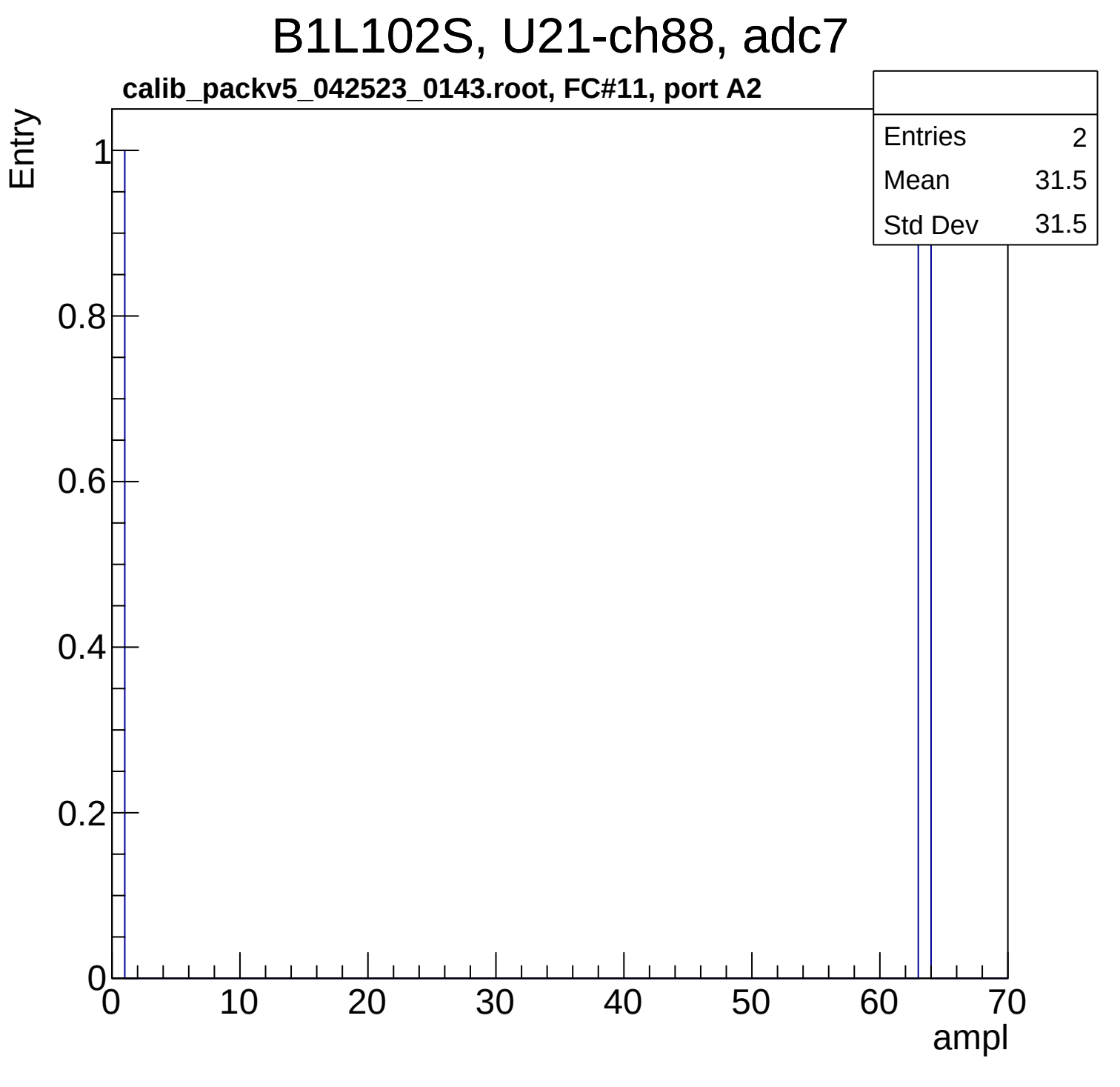
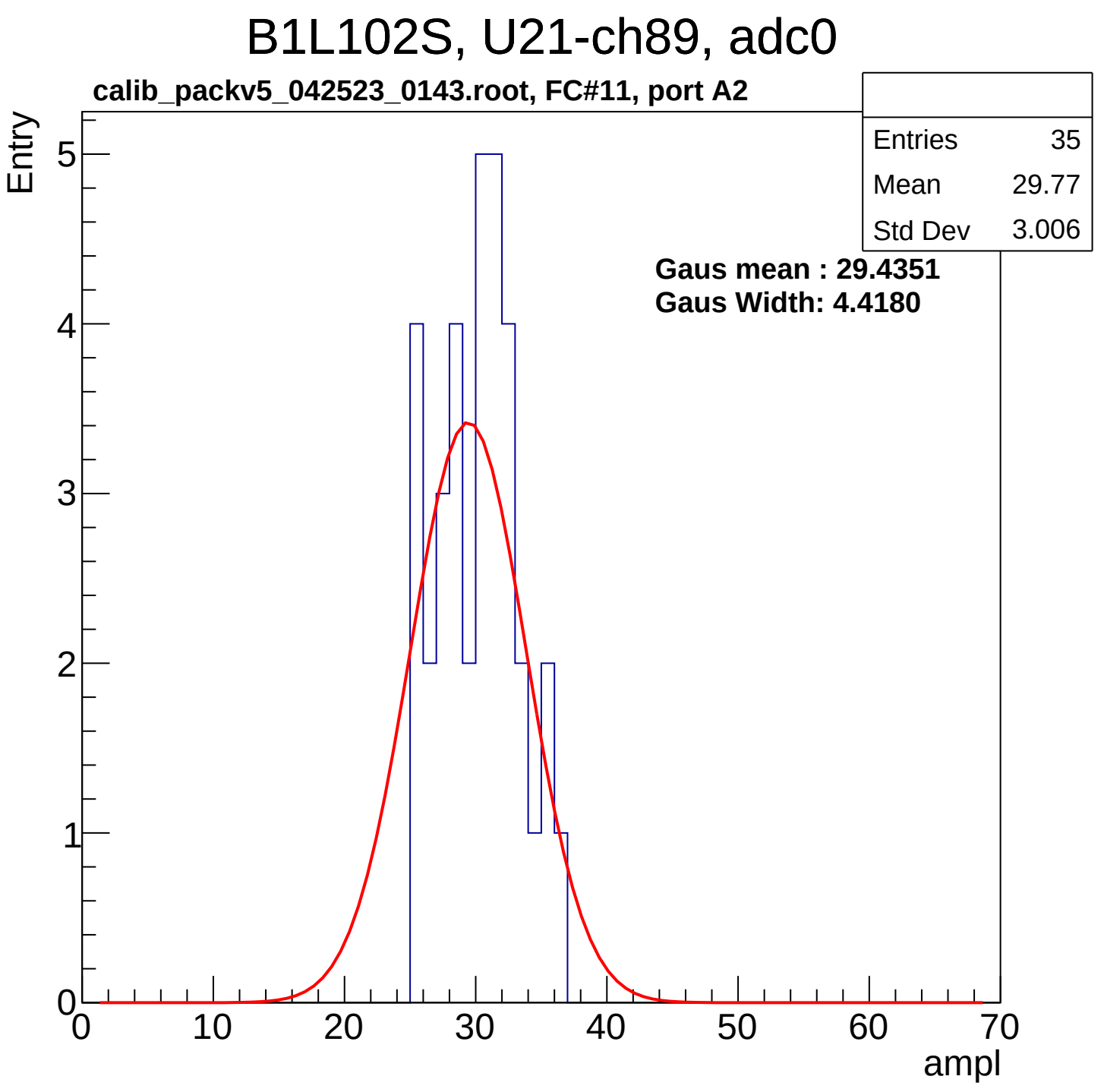
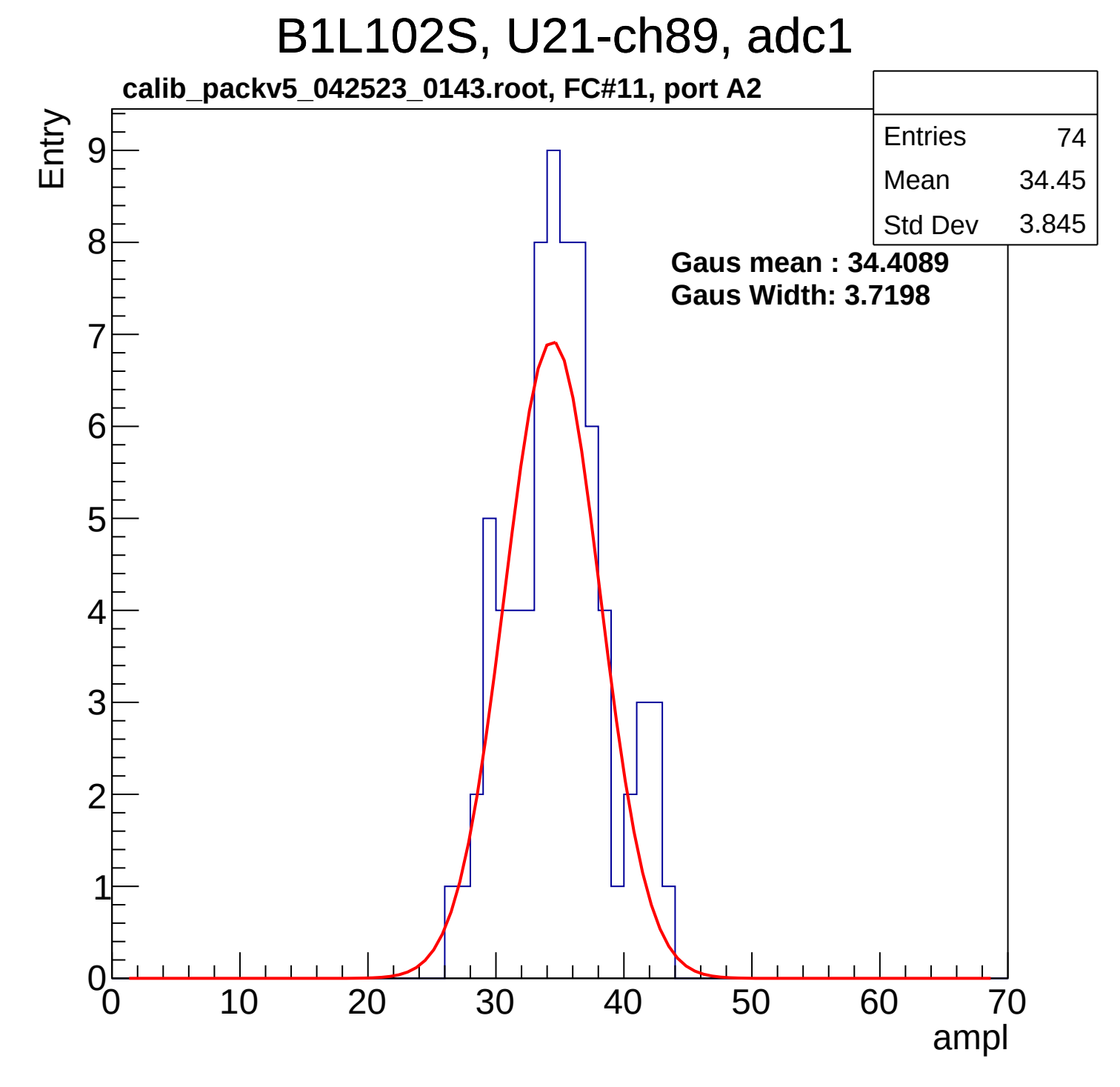

B1L102S, U21-ch88, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 31.5
Std Dev 31.5
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch89, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 35
Mean 29.77
Std Dev 3.006
Gaus mean : 29.4351
Gaus Width: 4.4180
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L102S, U21-ch89, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 74
Mean 34.45
Std Dev 3.845
Gaus mean : 34.4089
Gaus Width: 3.7198
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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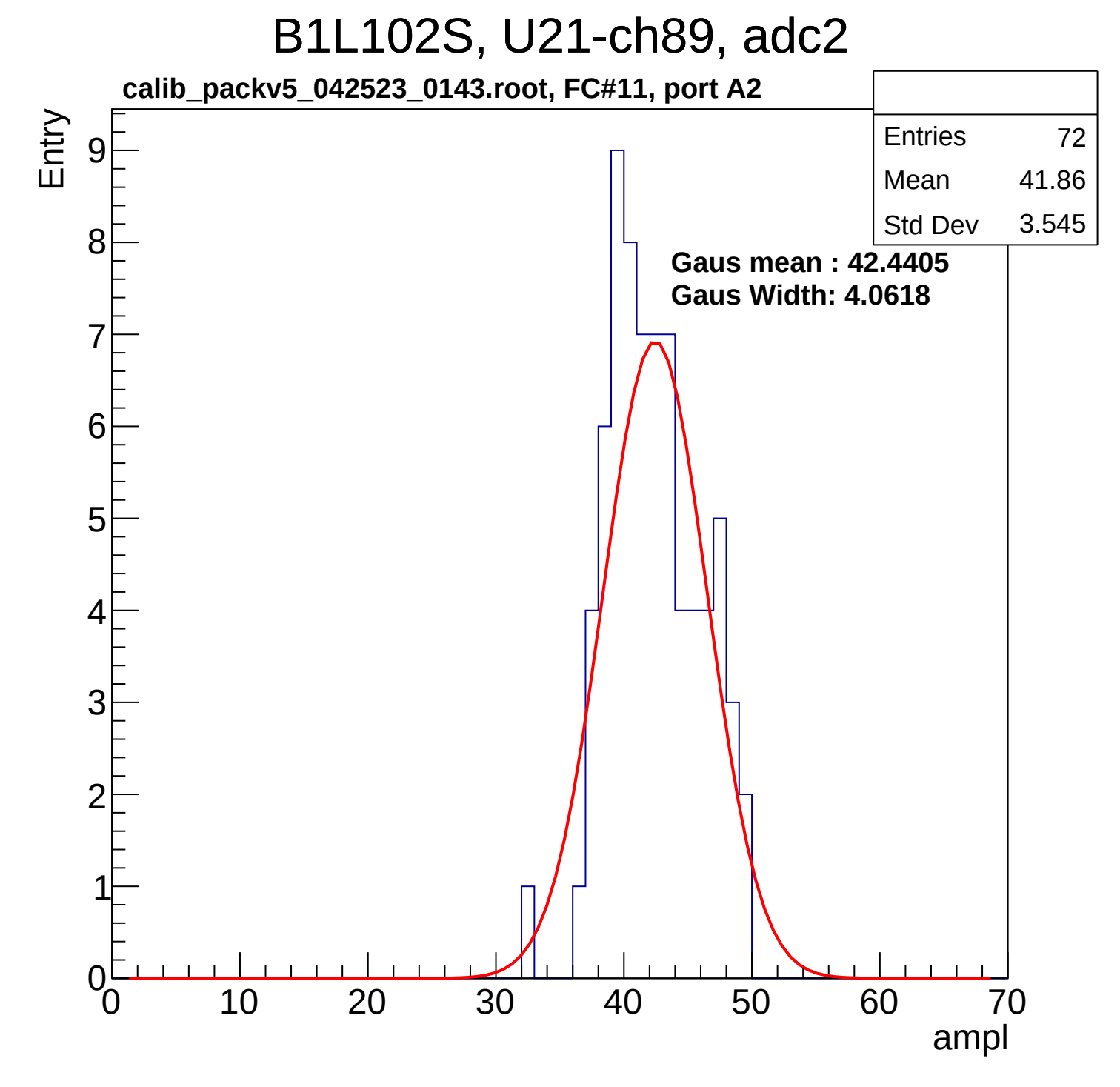
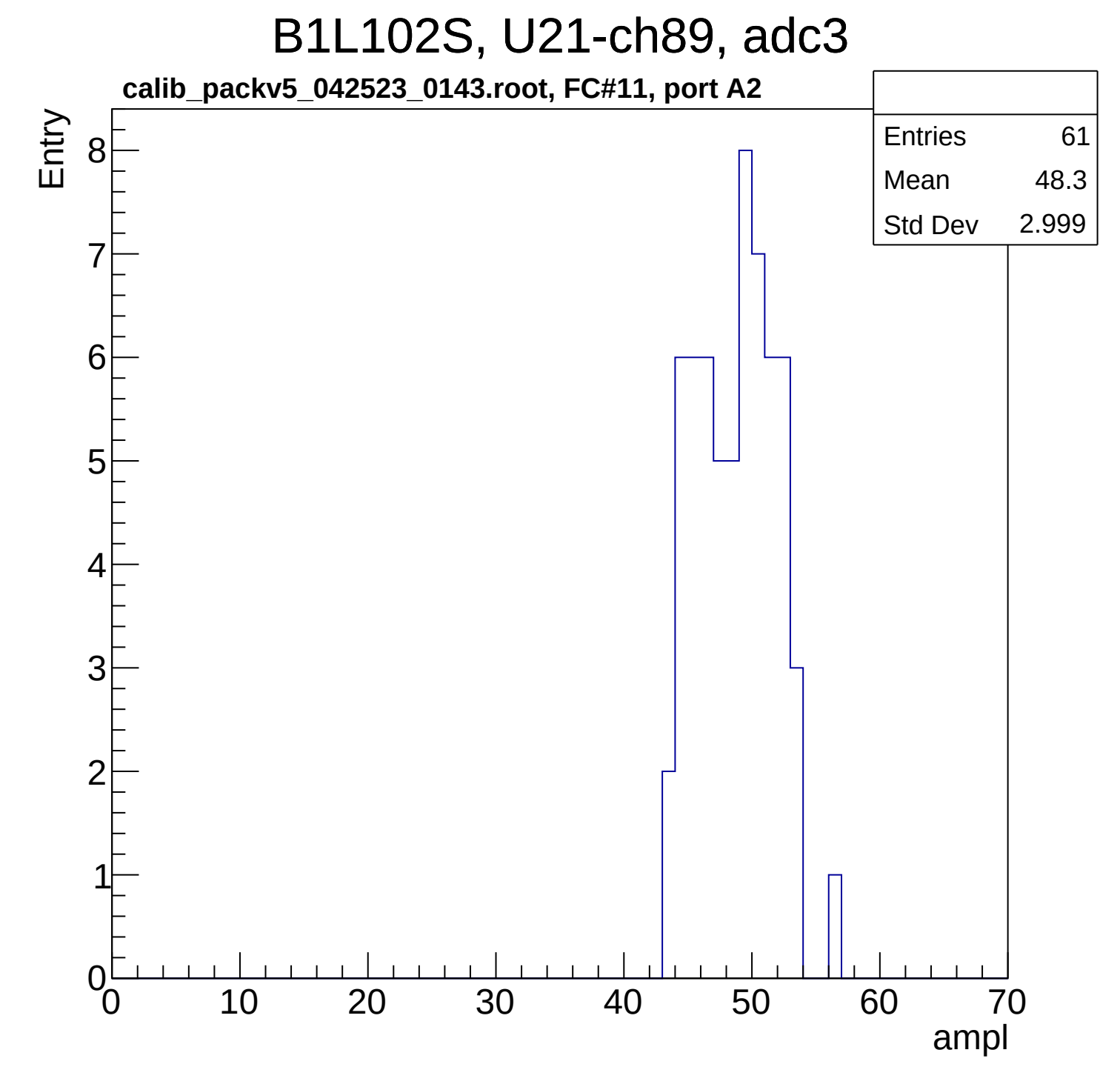
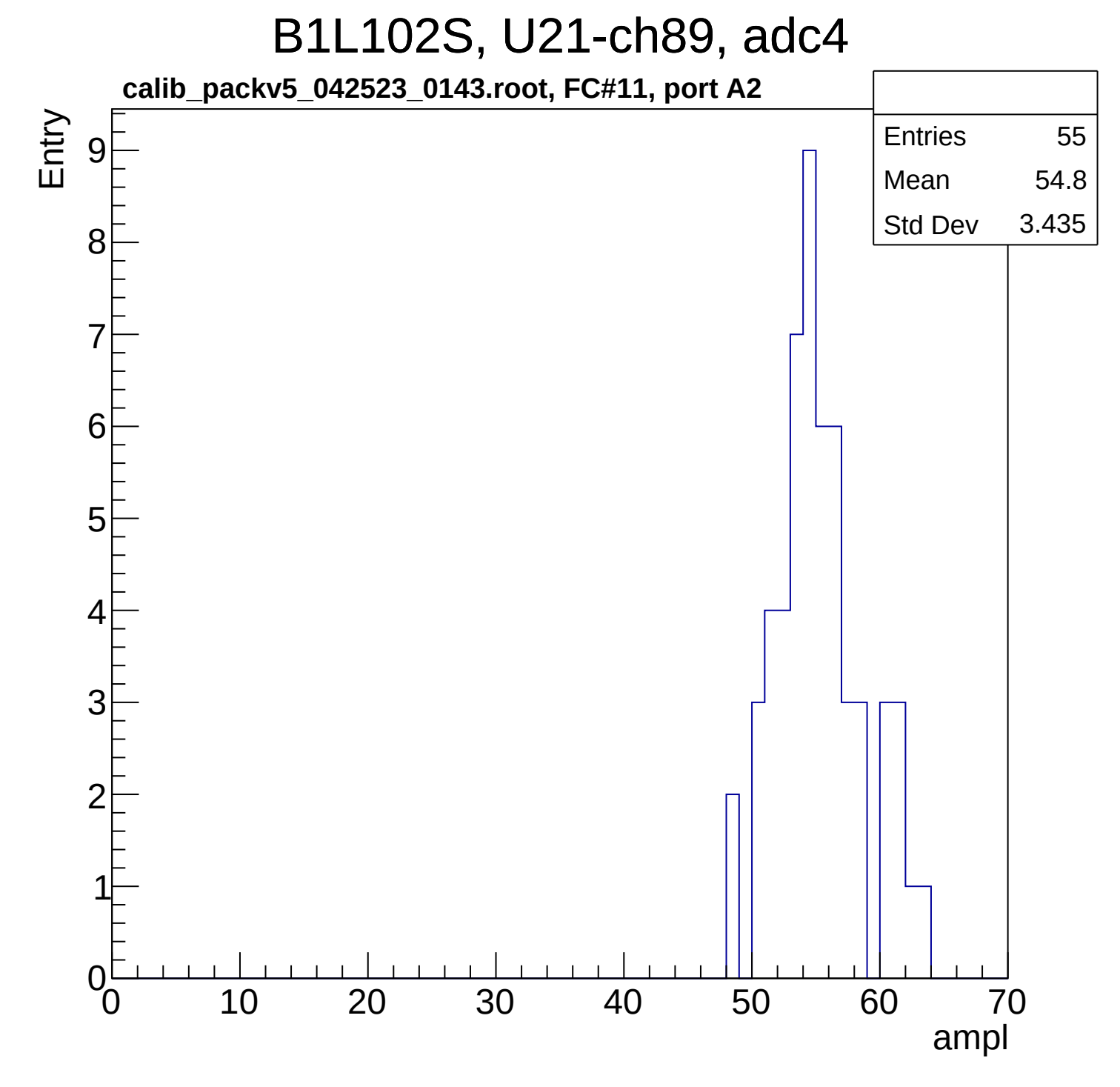
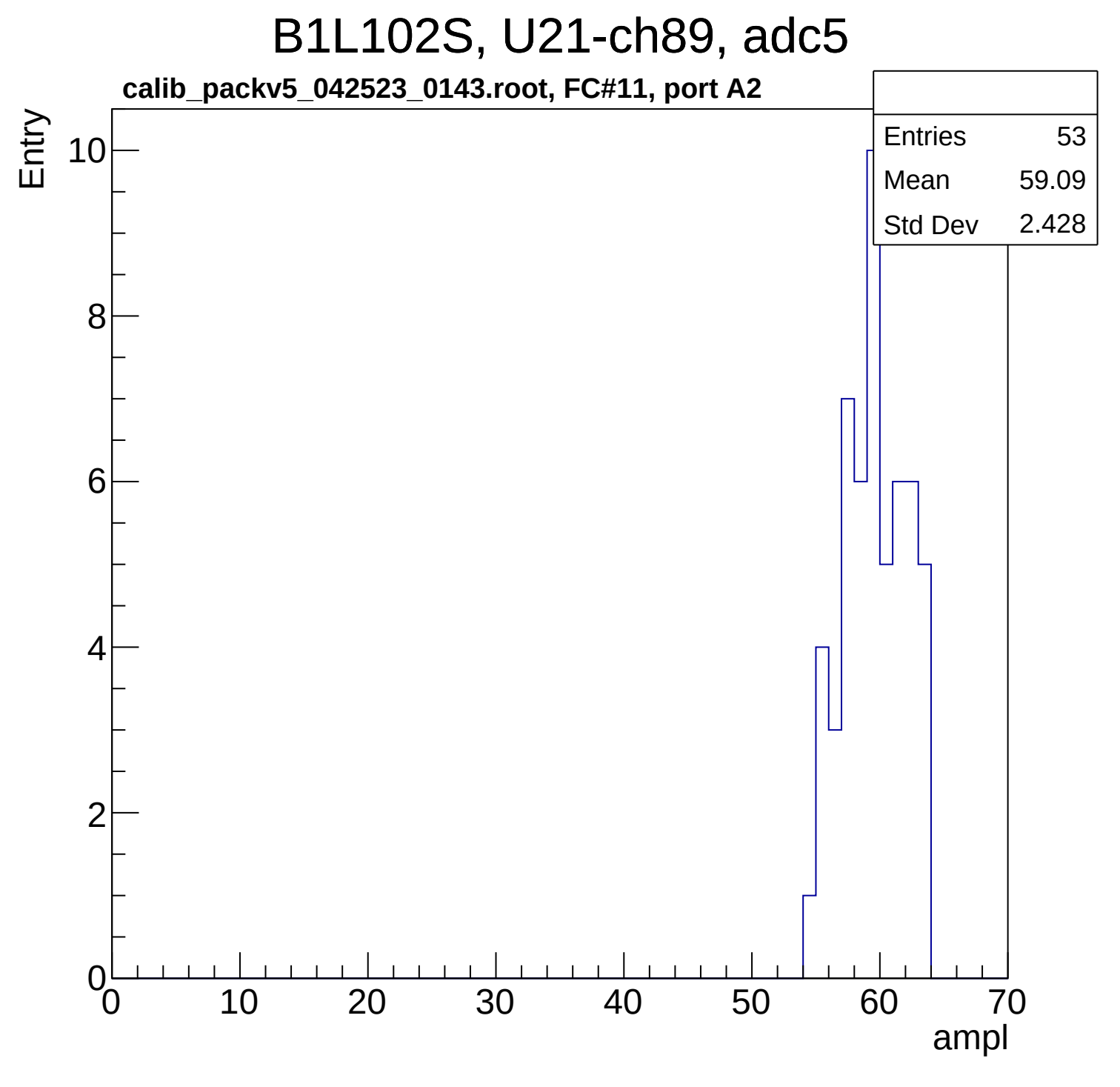
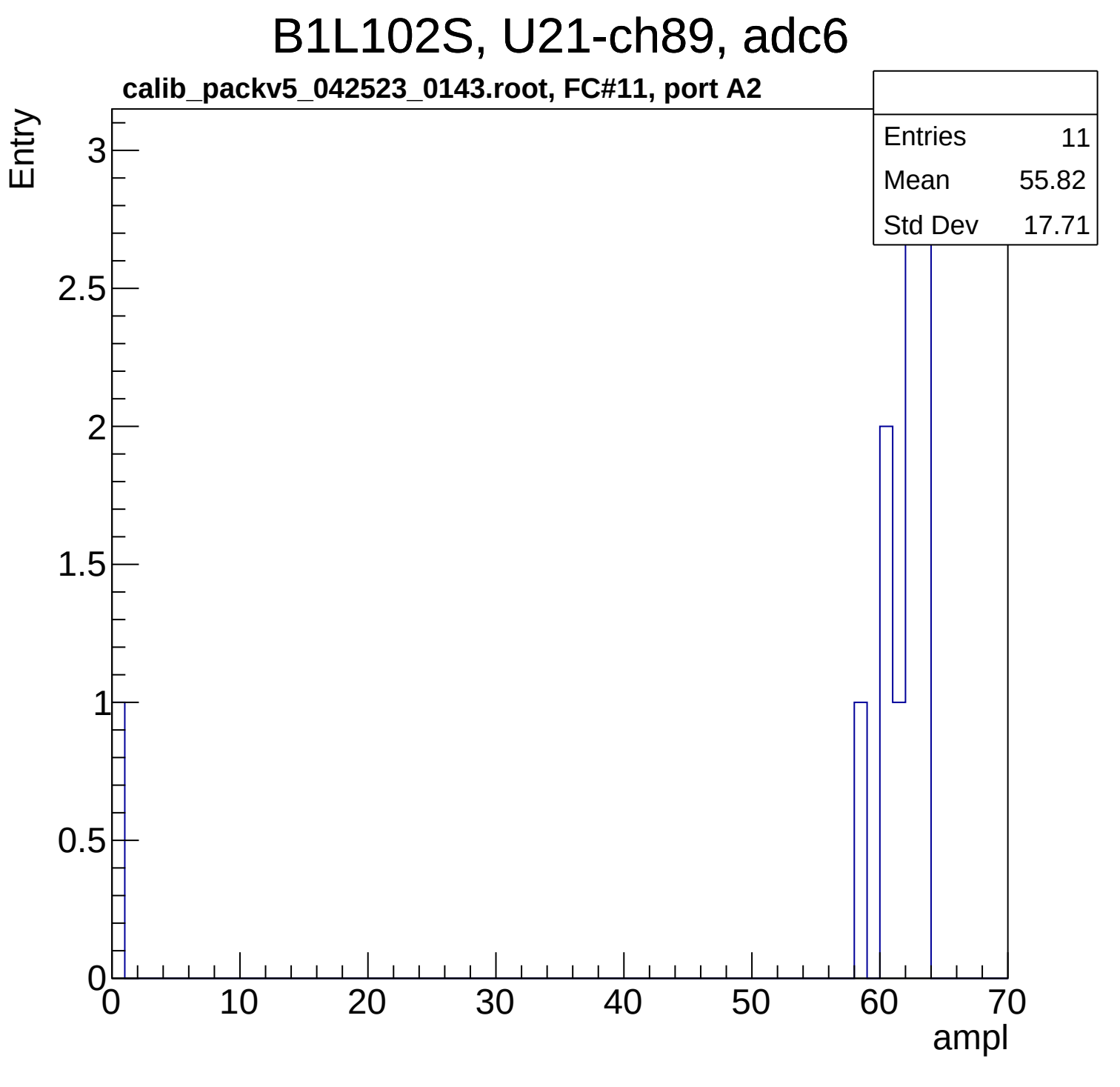
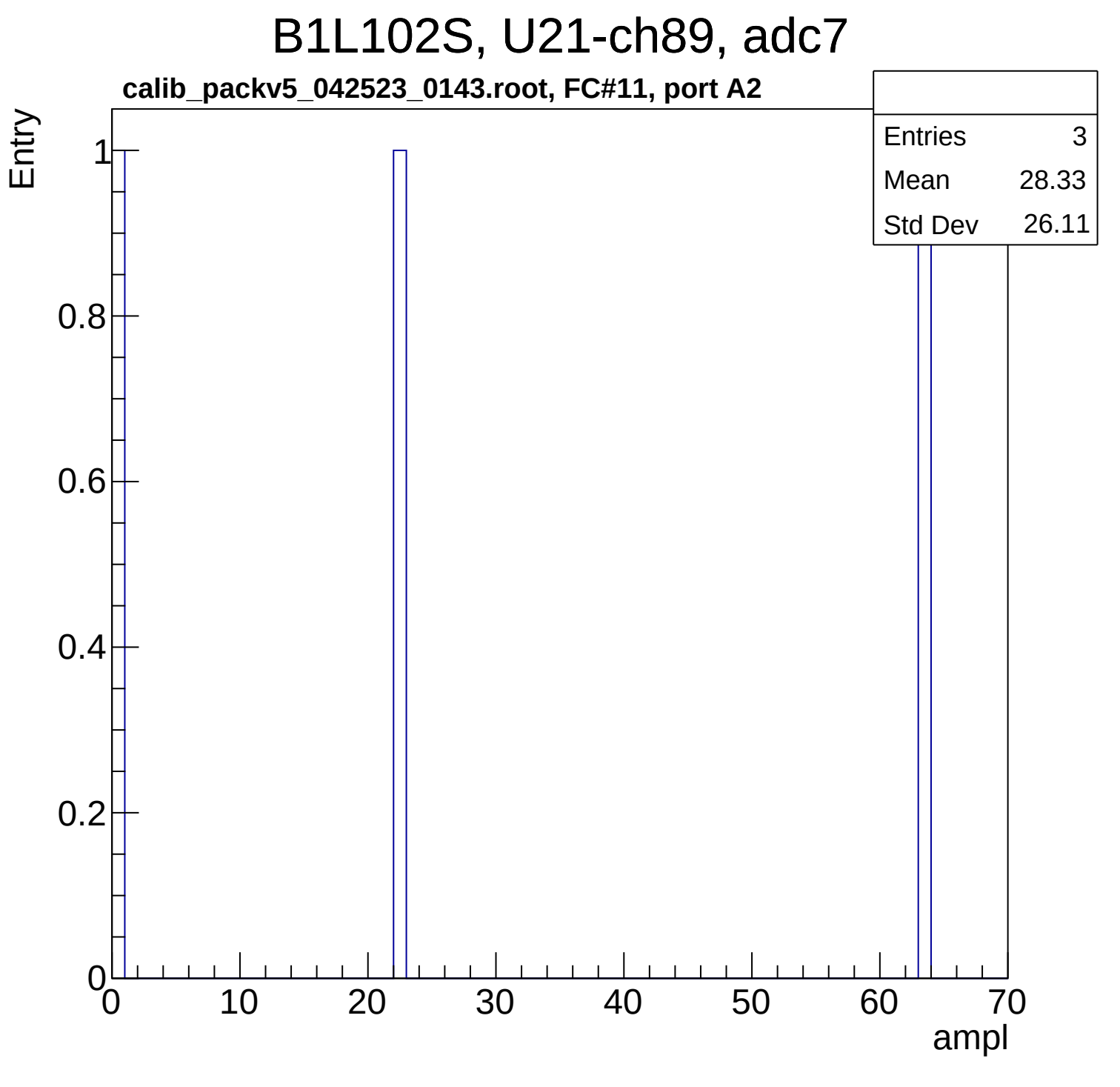

B1L102S, U21-ch89, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 41.86
Std Dev 3.545
Gaus mean : 42.4405
Gaus Width: 4.0618
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

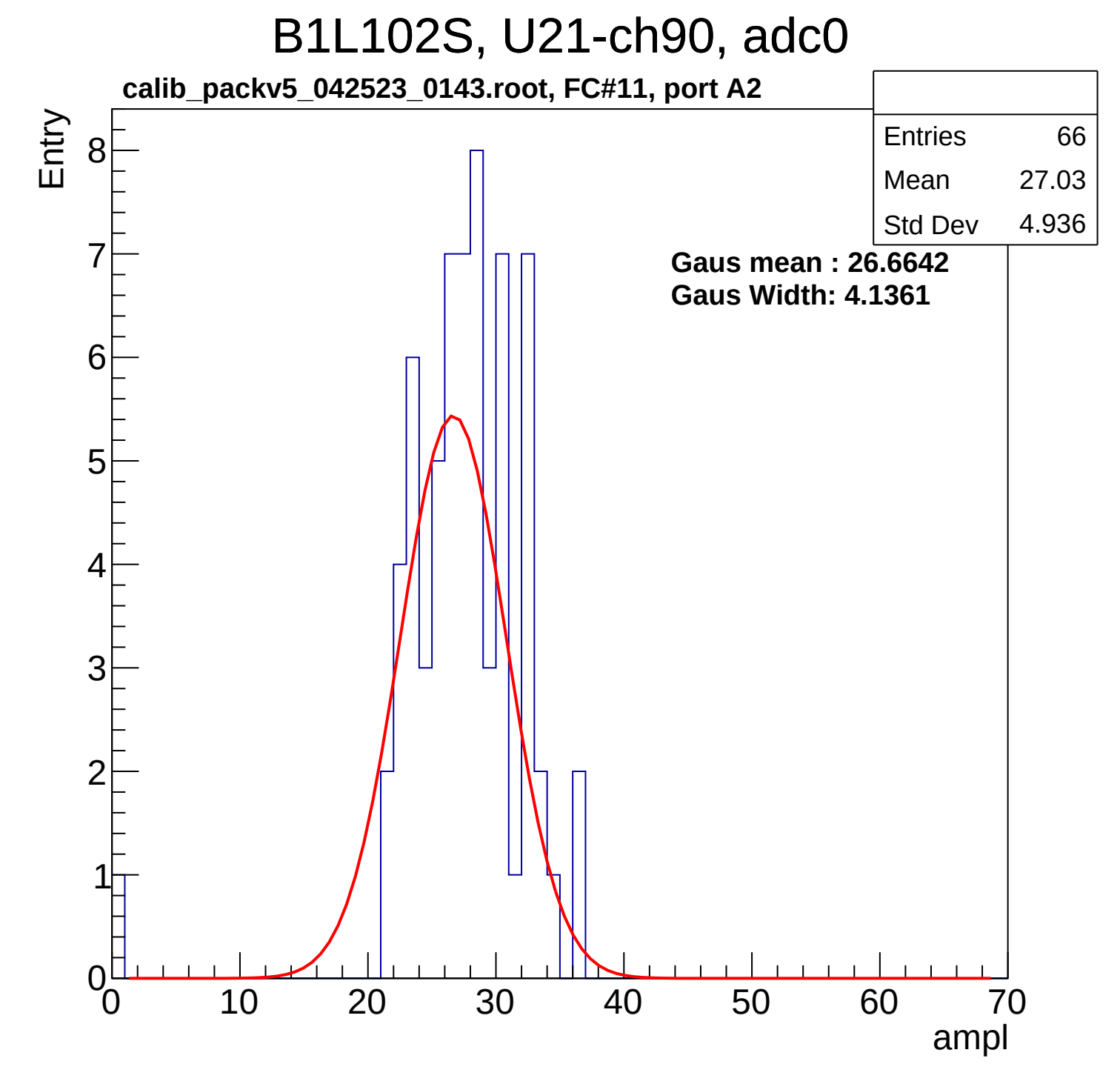

B1L102S, U21-ch89, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 48.3
Std Dev 2.999
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch89, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 54.8
Std Dev 3.435
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch89, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 53
Mean 59.09
Std Dev 2.428
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch89, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 11
Mean 55.82
Std Dev 17.71
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70


B1L102S, U21-ch89, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 28.33
Std Dev 26.11
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L102S, U21-ch90, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 27.03
Std Dev 4.936
Gaus mean : 26.6642
Gaus Width: 4.1361
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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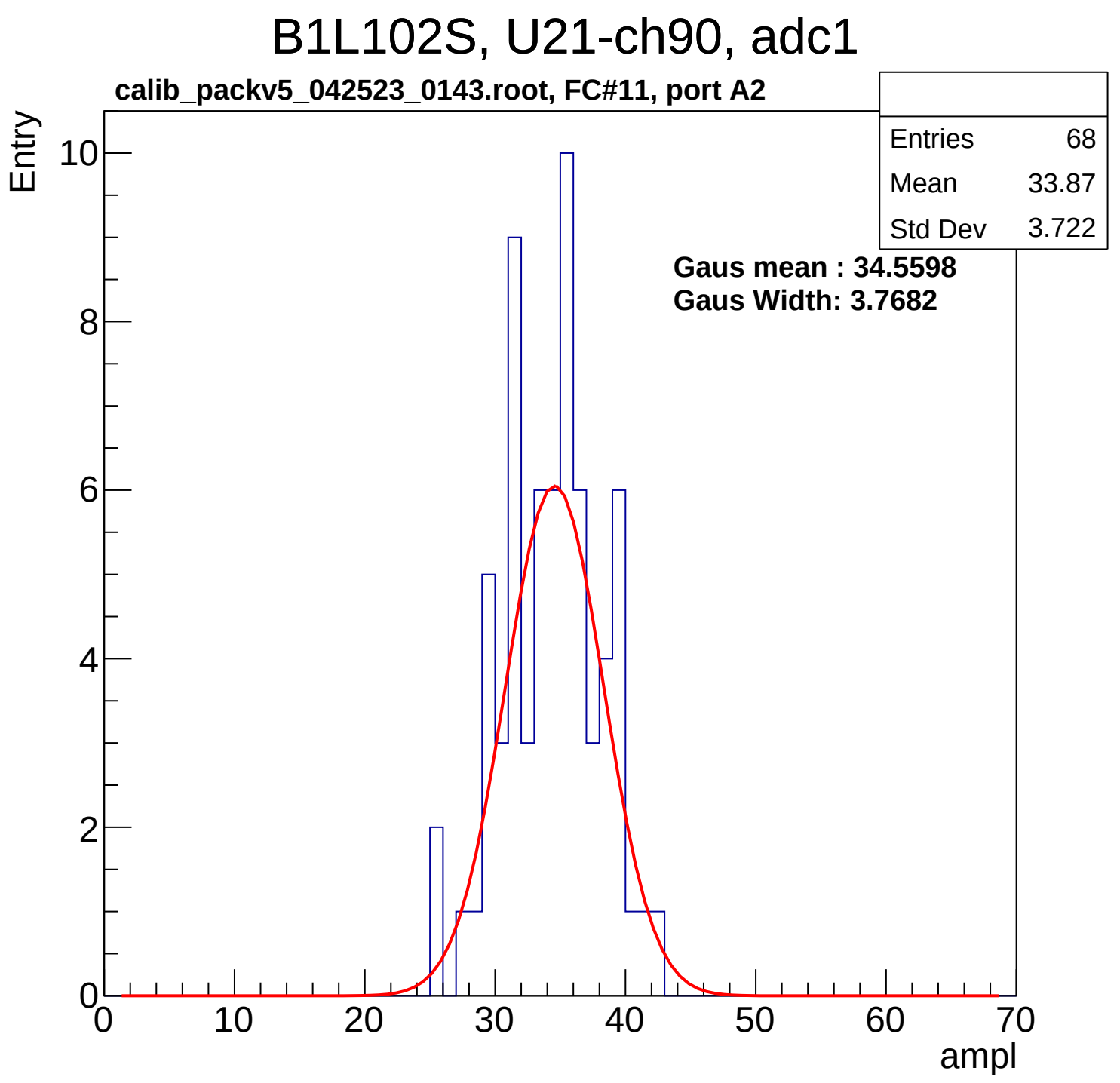
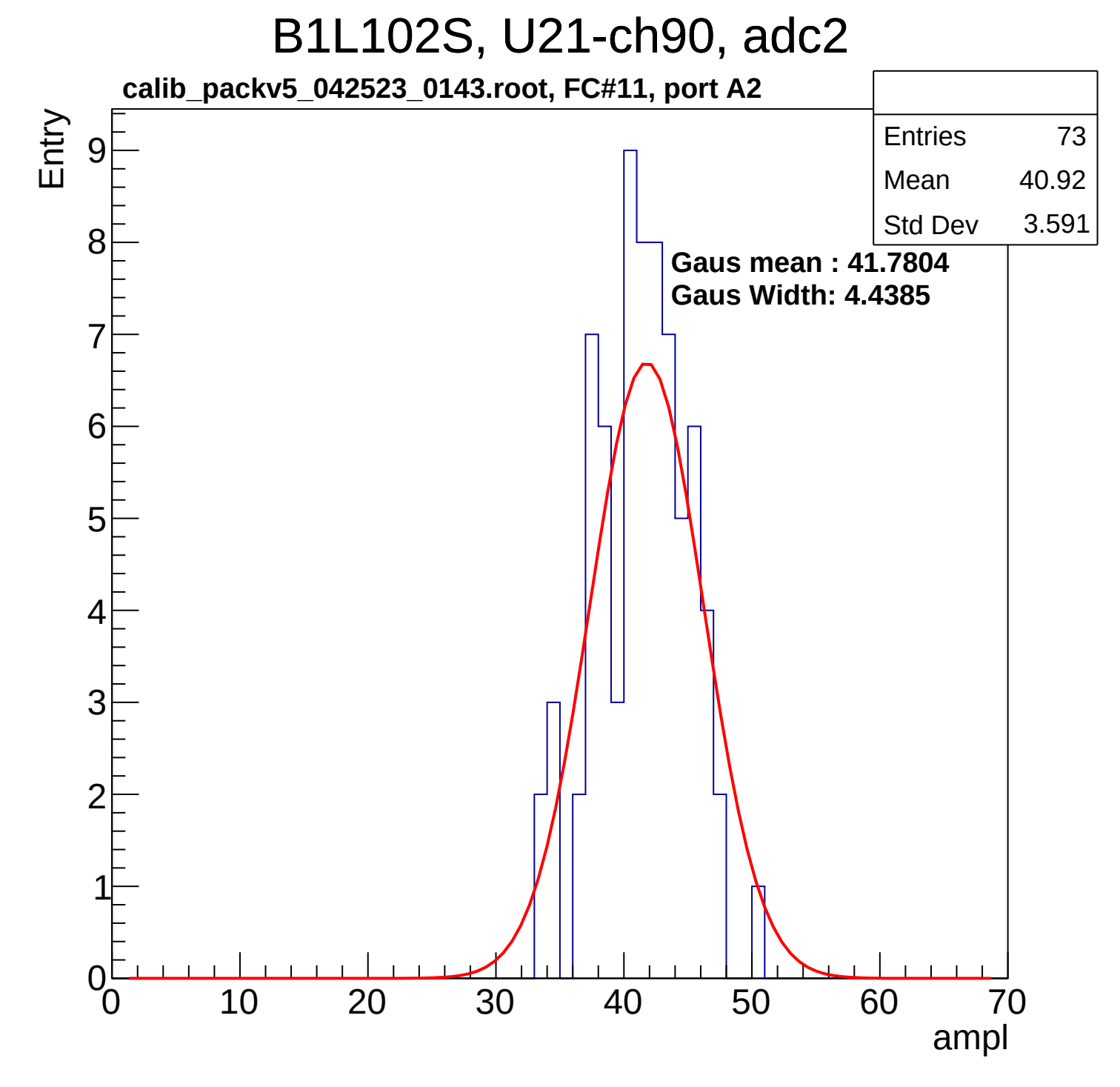

B1L102S, U21-ch90, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 33.87
Std Dev 3.722
Gaus mean : 34.5598
Gaus Width: 3.7682
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch90, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 40.92
Std Dev 3.591
Gaus mean : 41.7804
Gaus Width: 4.4385
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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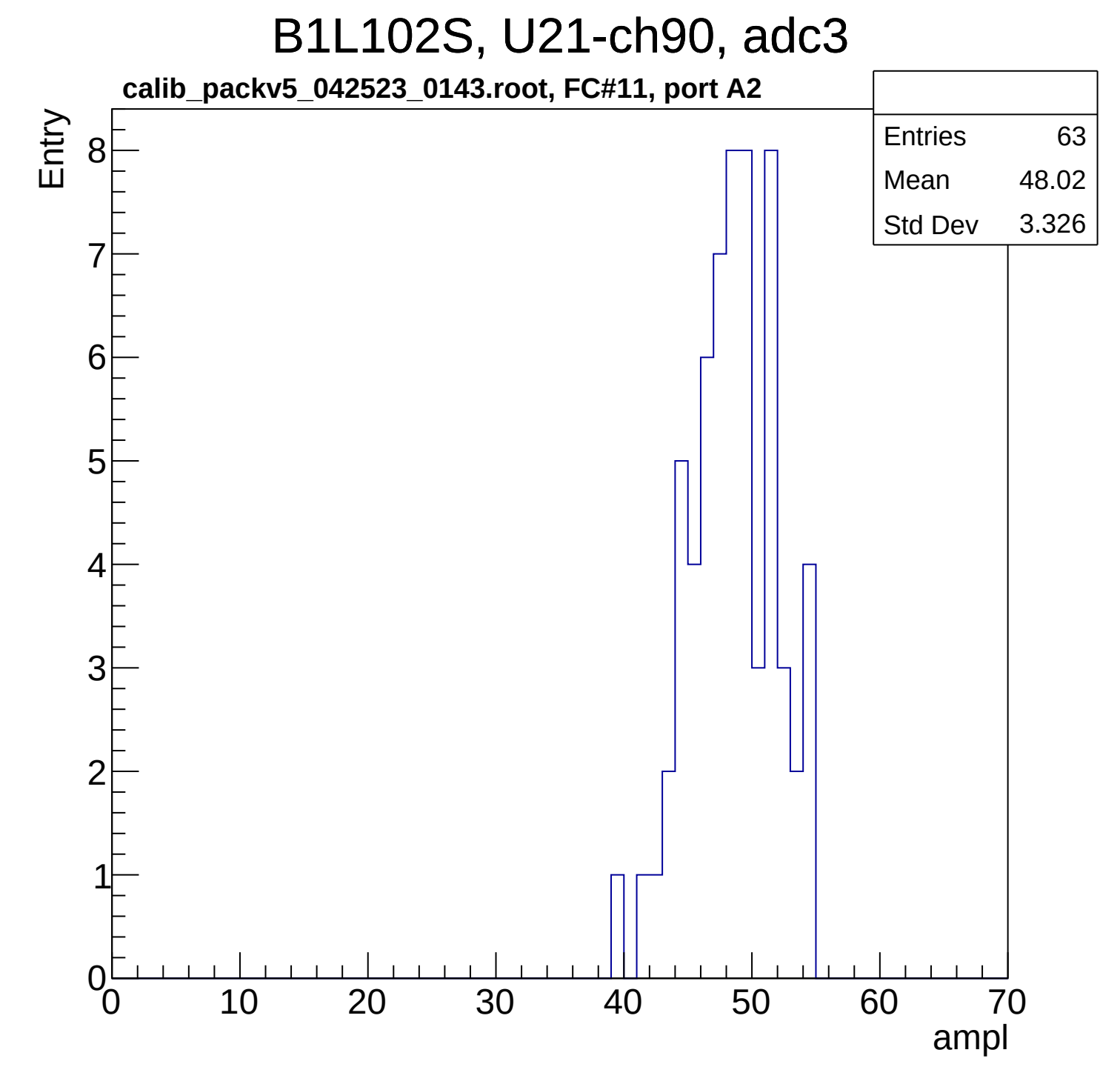
B1L102S, U21-ch90, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 48.02
Std Dev 3.326
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
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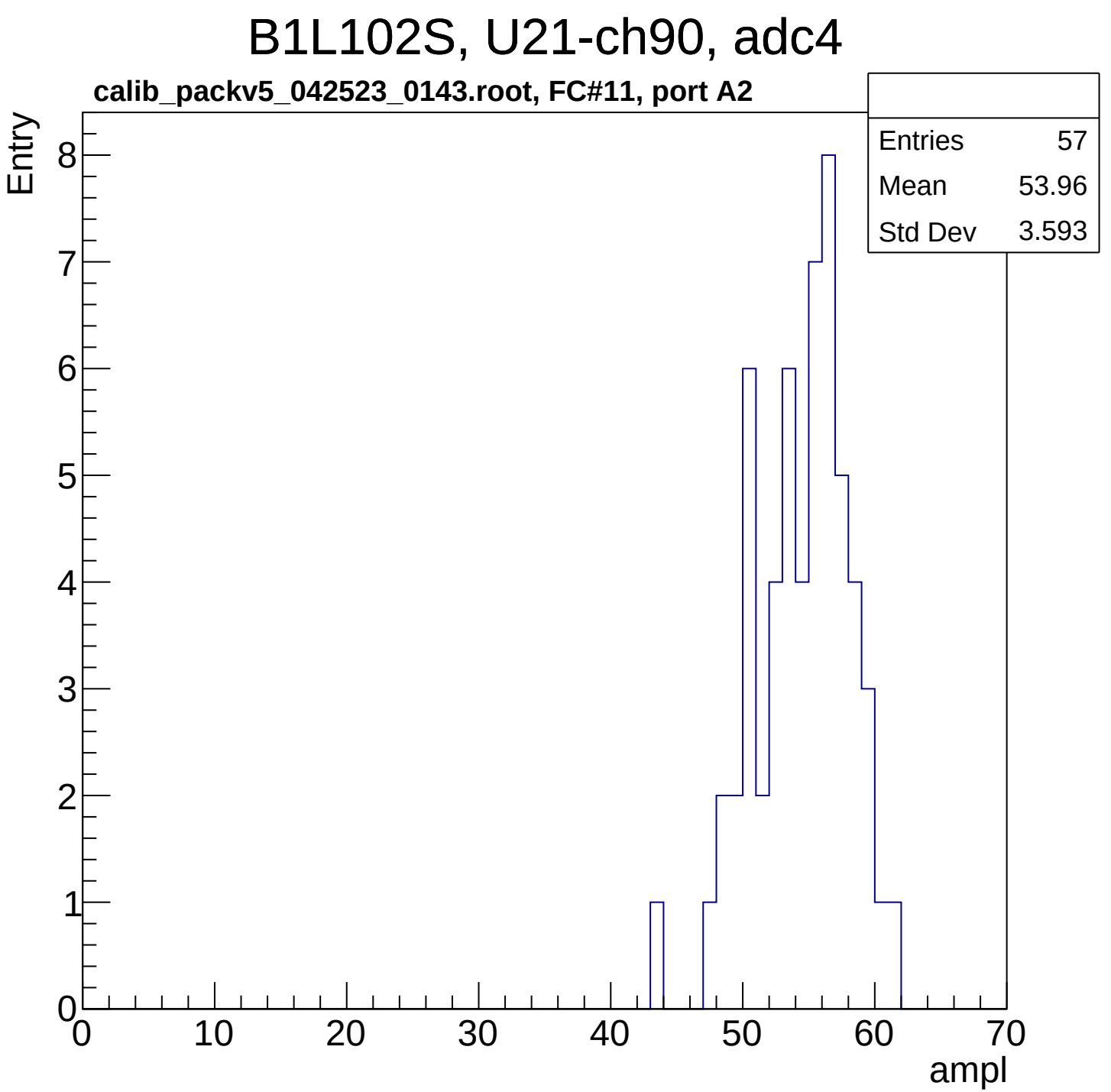
40
50
60
70


B1L102S, U21-ch90, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 53.96
Std Dev 3.593
Entry
ampl
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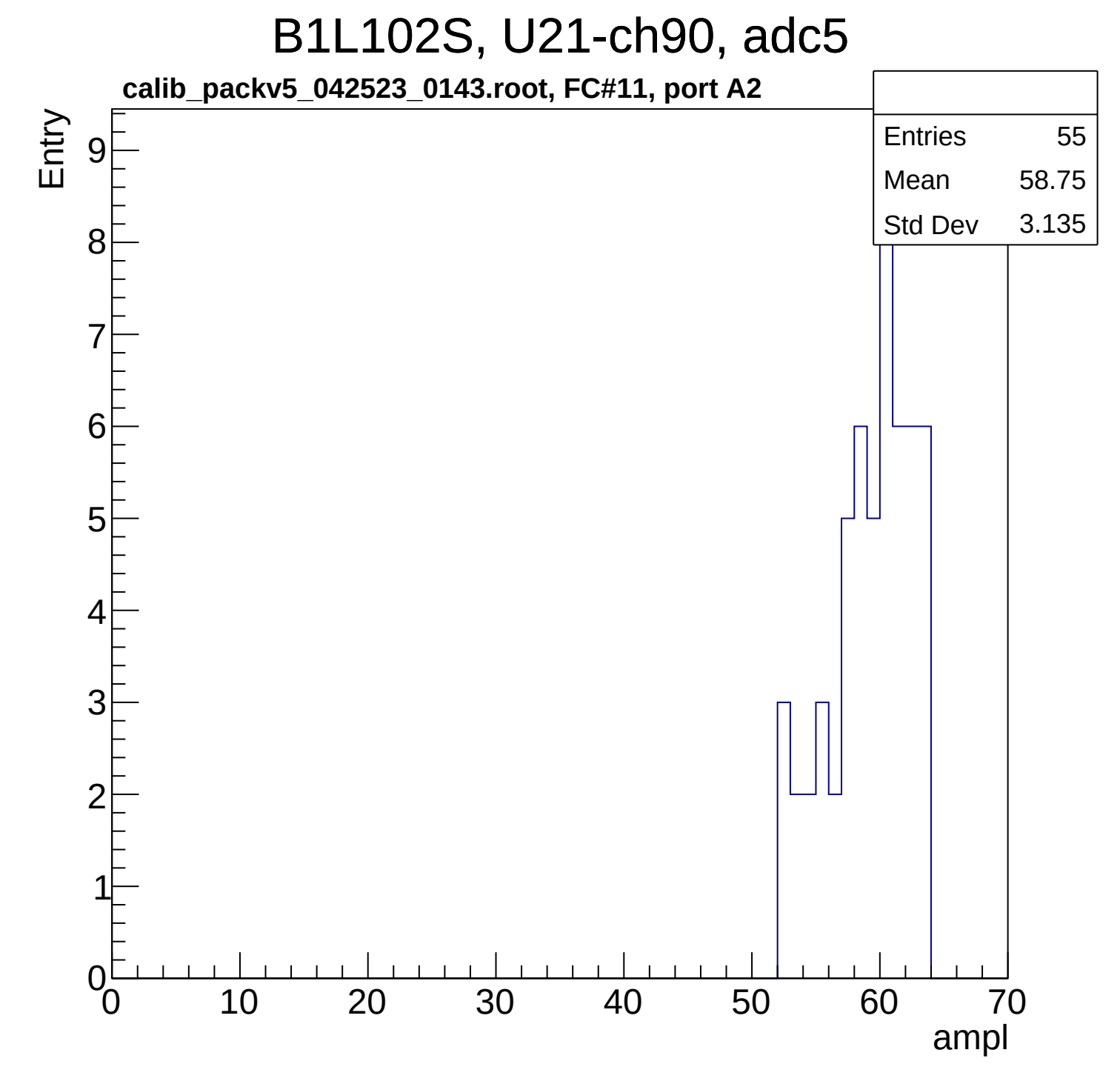
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch90, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 58.75
Std Dev 3.135
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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20
30
40
50
60
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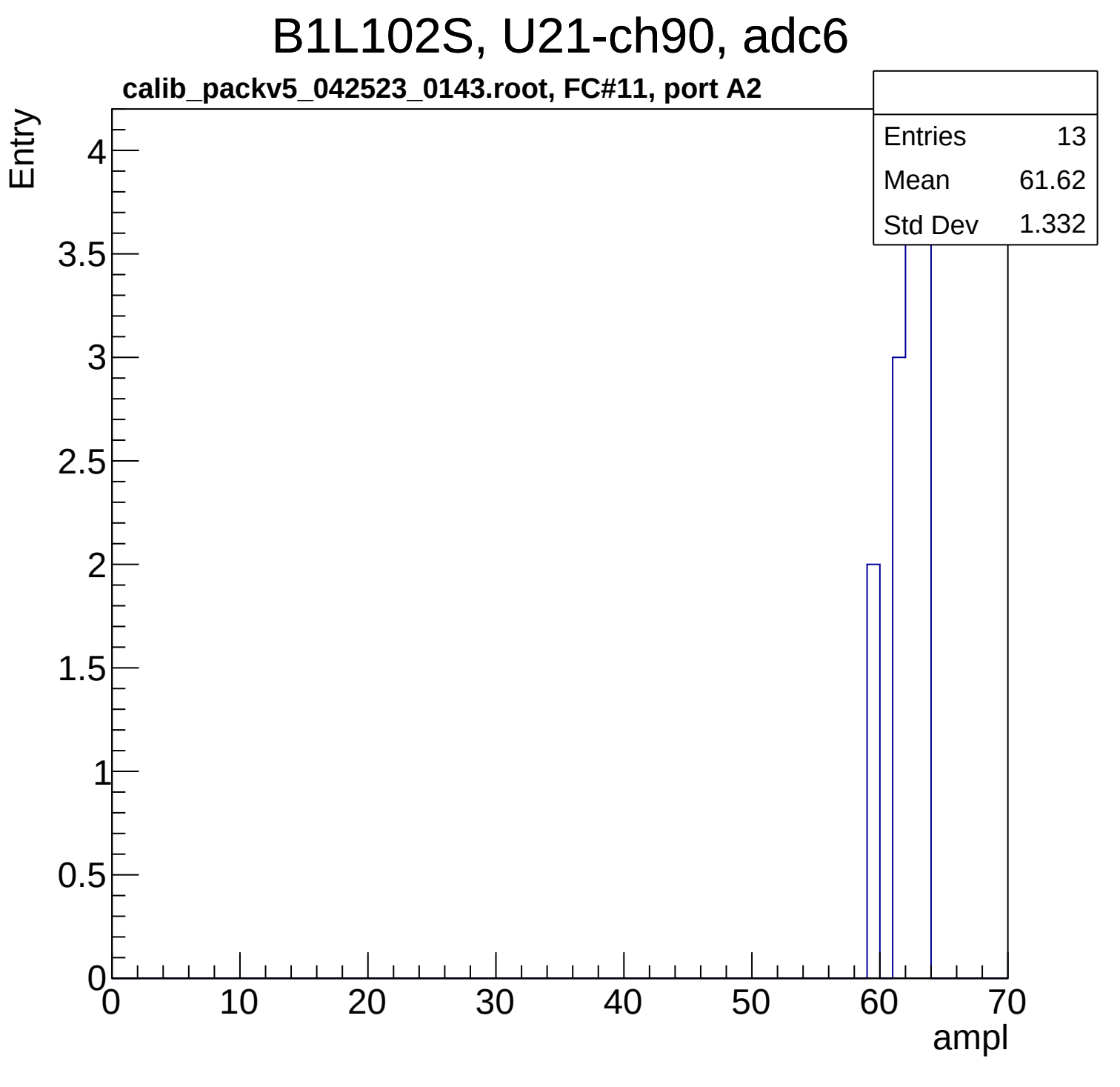
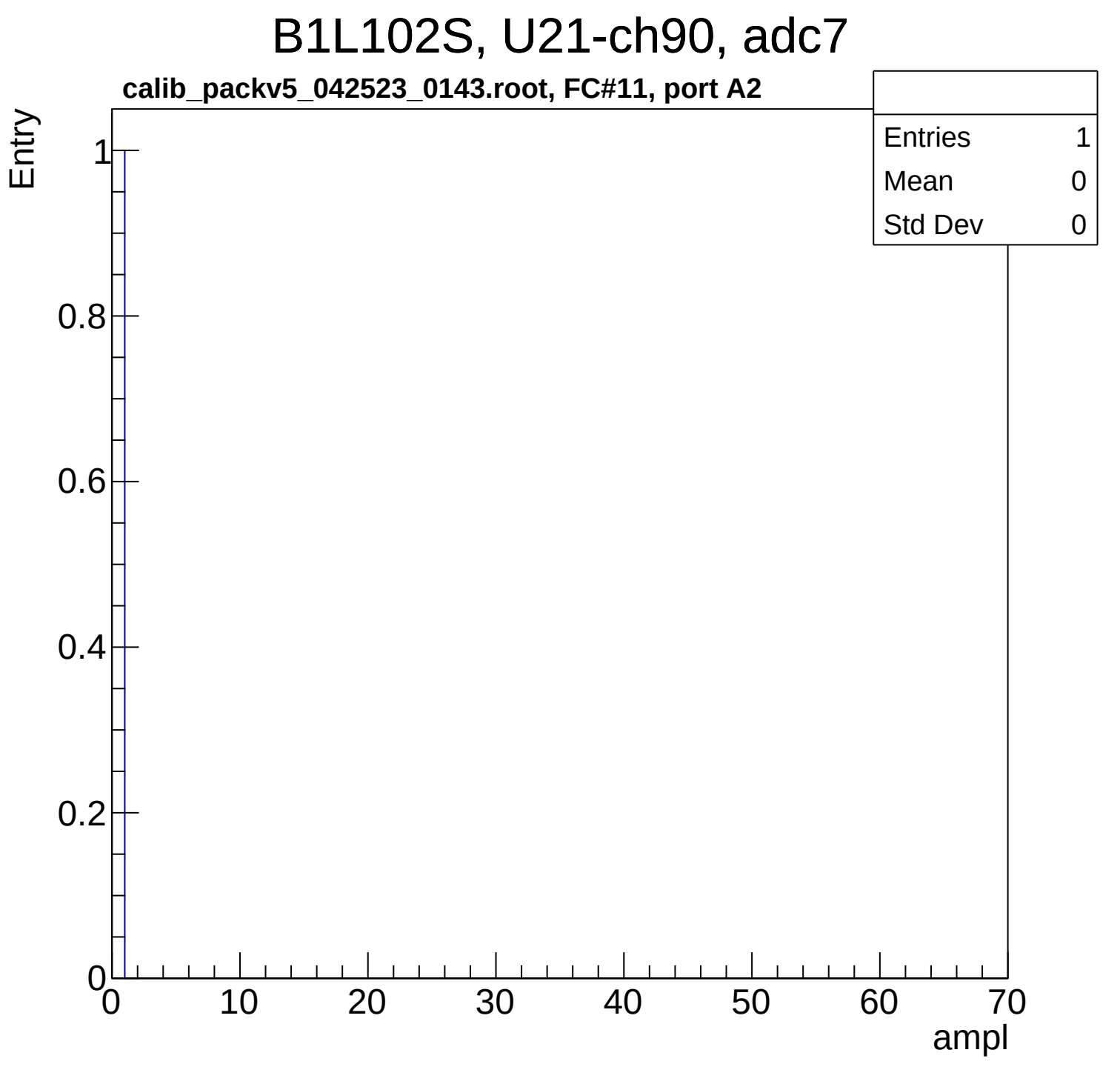
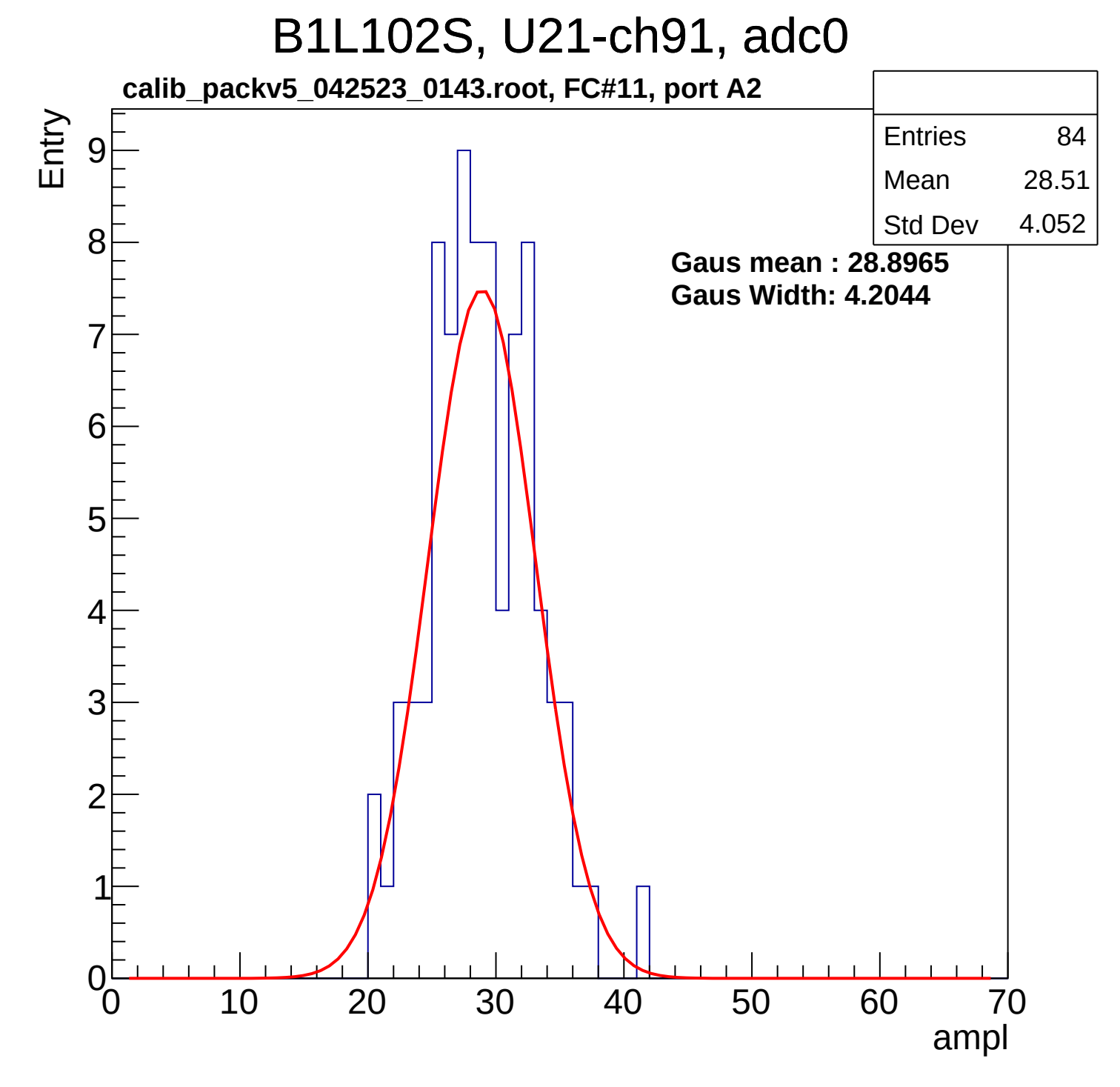
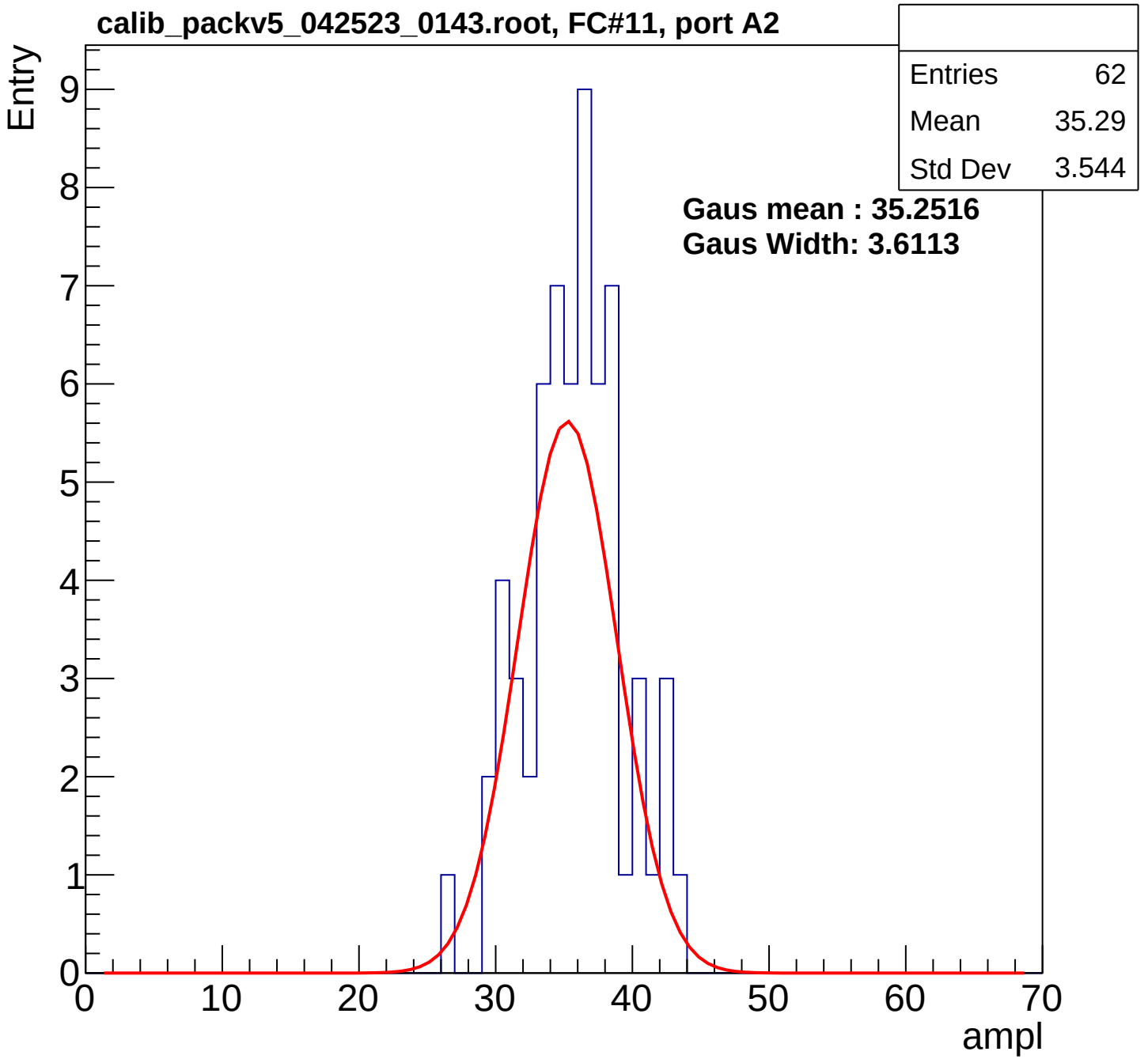

B1L102S, U21-ch90, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 13
Mean 61.62
Std Dev 1.332
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L102S, U21-ch90, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch91, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 84
Mean 28.51
Std Dev 4.052
Gaus mean : 28.8965
Gaus Width: 4.2044
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch91, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 35.29
Std Dev 3.544
Gaus mean : 35.2516
Gaus Width: 3.6113
Entry
ampl
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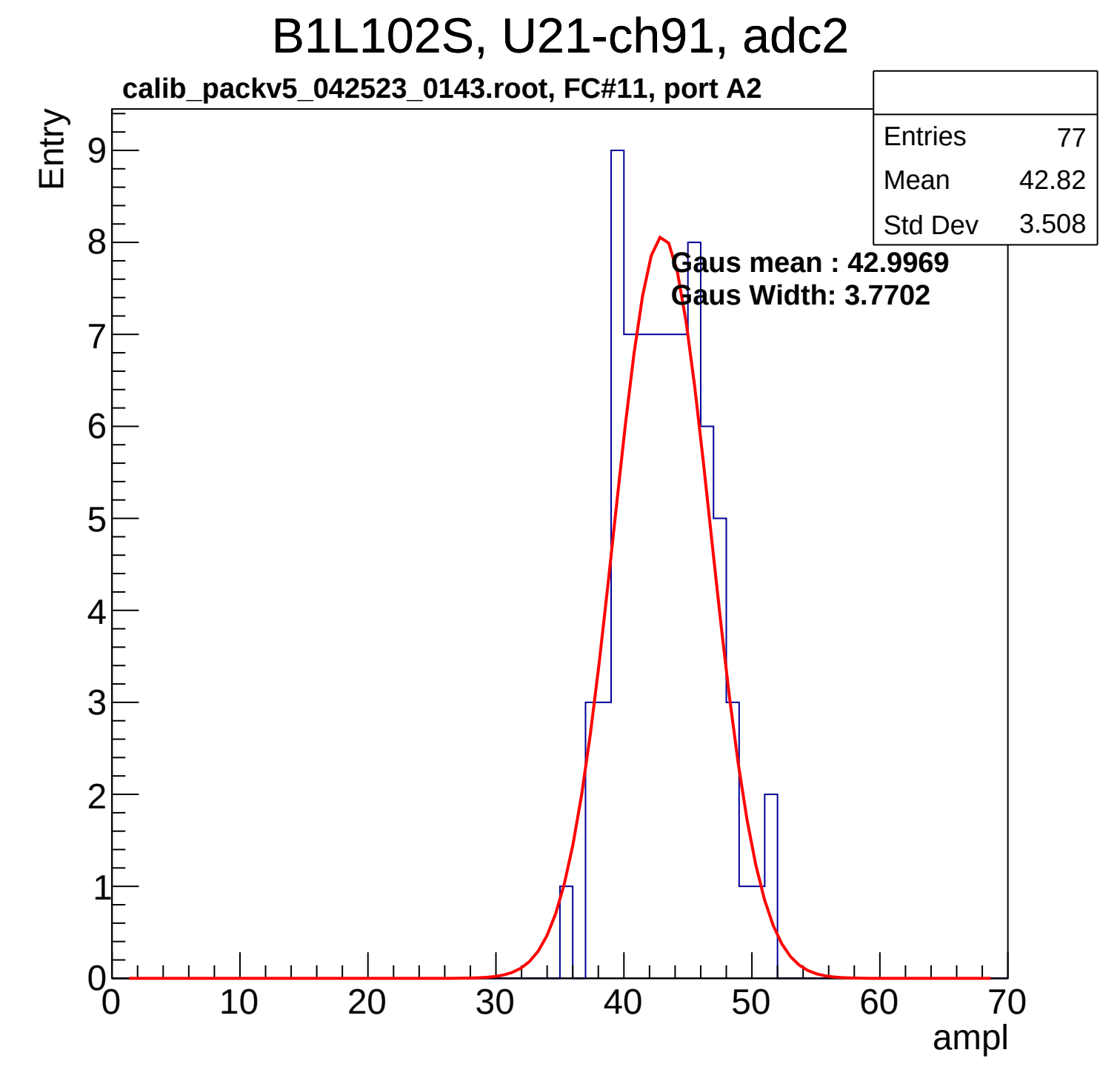
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L102S, U21-ch91, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 42.82
Std Dev 3.508
Gaus mean : 42.9969
Gaus Width: 3.7702
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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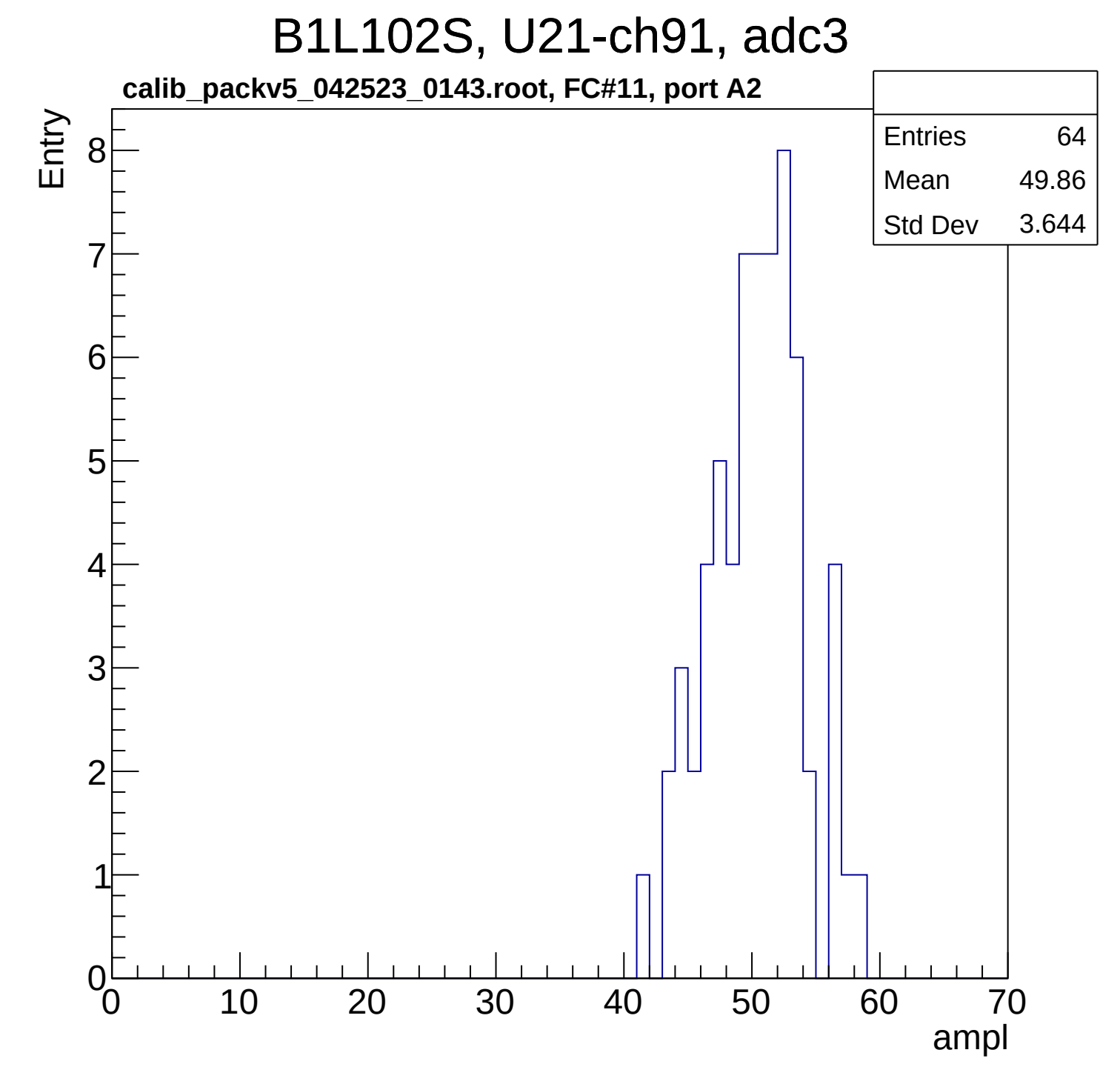
B1L102S, U21-ch91, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 49.86
Std Dev 3.644
Entry
ampl
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0
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60
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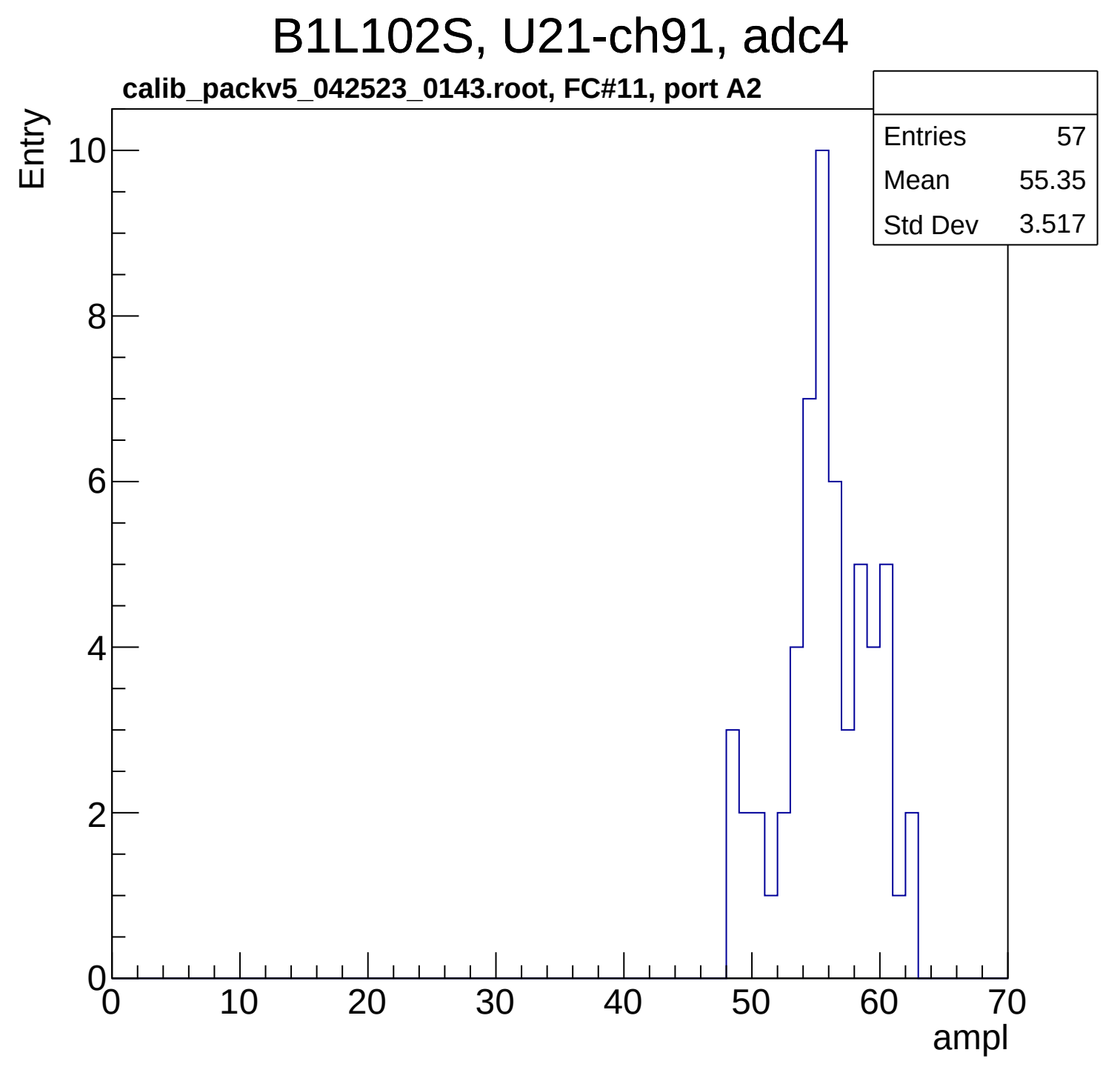
B1L102S, U21-ch91, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 55.35
Std Dev 3.517
Entry
ampl
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4
6
8
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0
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20
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40
50
60
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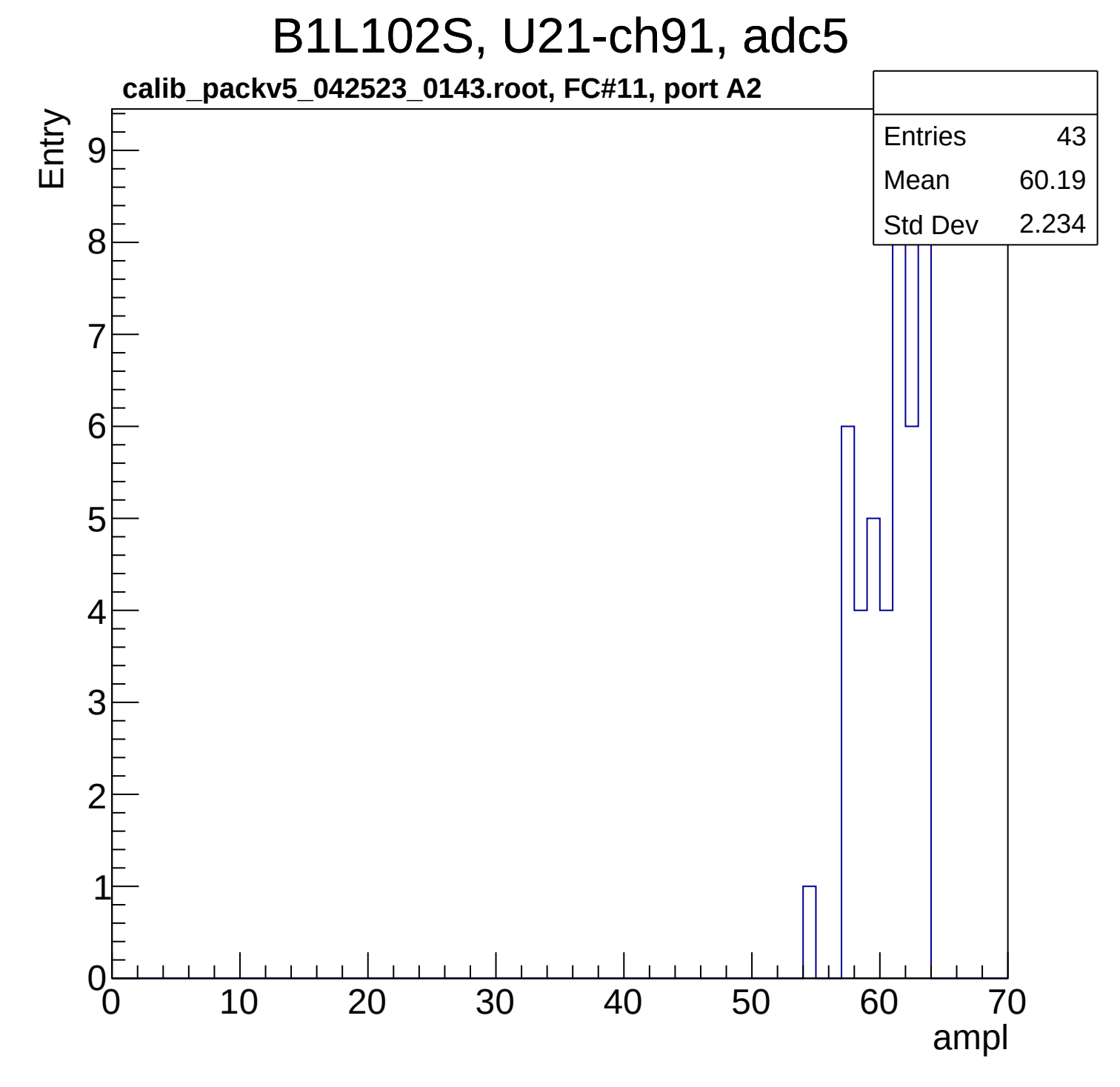
B1L102S, U21-ch91, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 43
Mean 60.19
Std Dev 2.234
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
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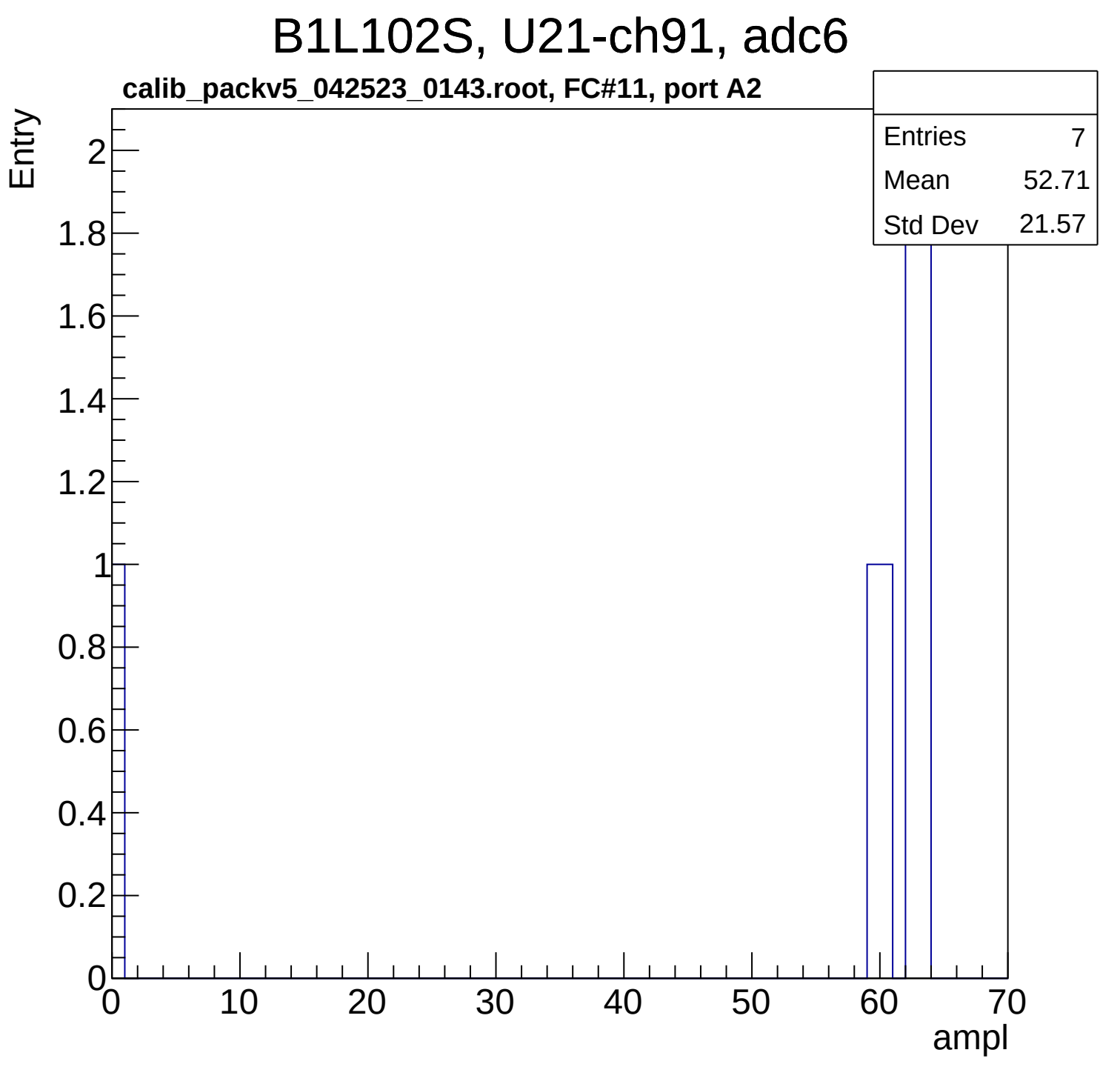
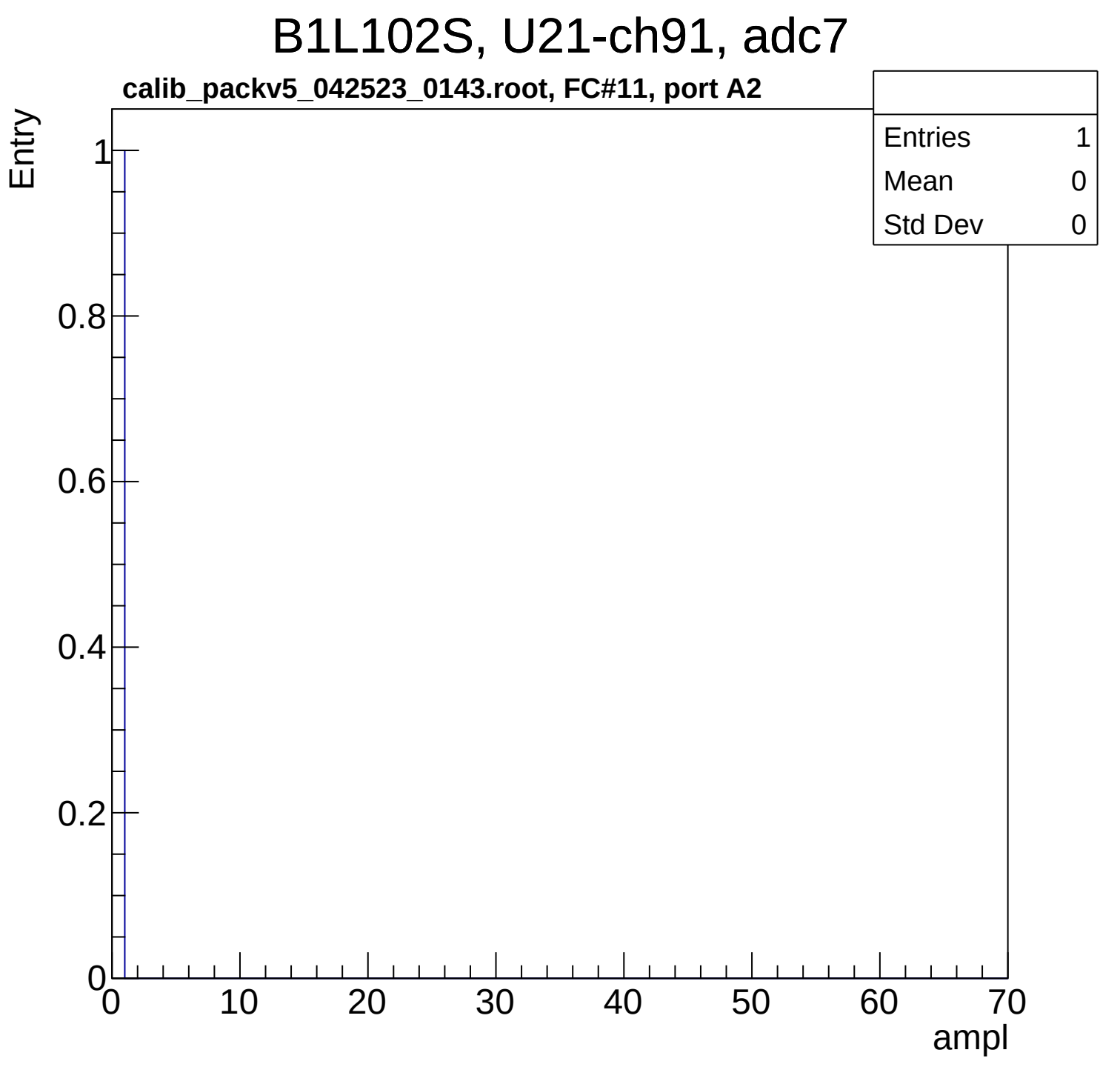
40
50
60
70


B1L102S, U21-ch91, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 7
Mean 52.71
Std Dev 21.57
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


B1L102S, U21-ch91, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 0
Std Dev 0
Entry
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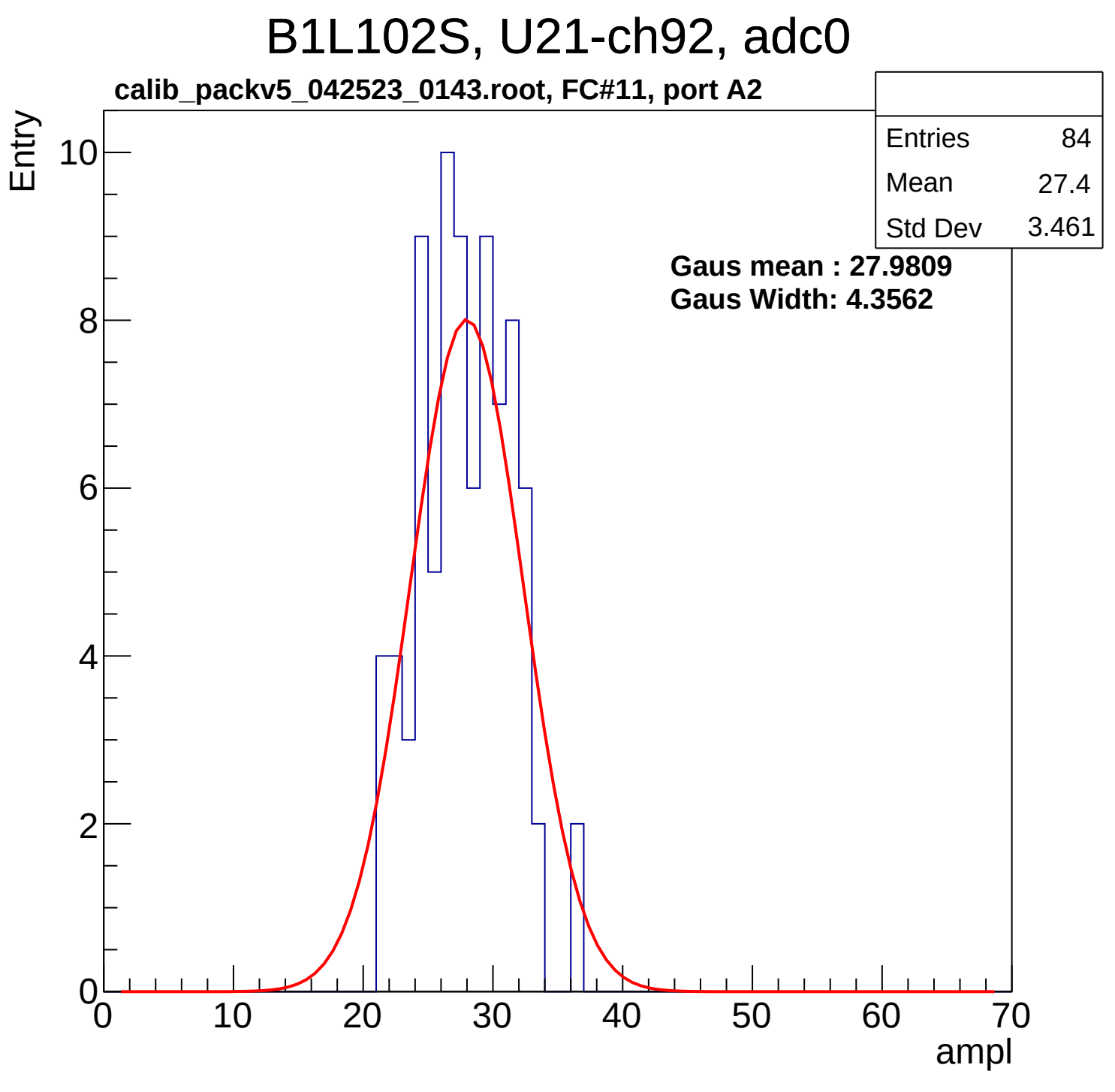
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch92, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 84
Mean 27.4
Std Dev 3.461
Gaus mean : 27.9809
Gaus Width: 4.3562
Entry
ampl
0
2
4
6
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0
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40
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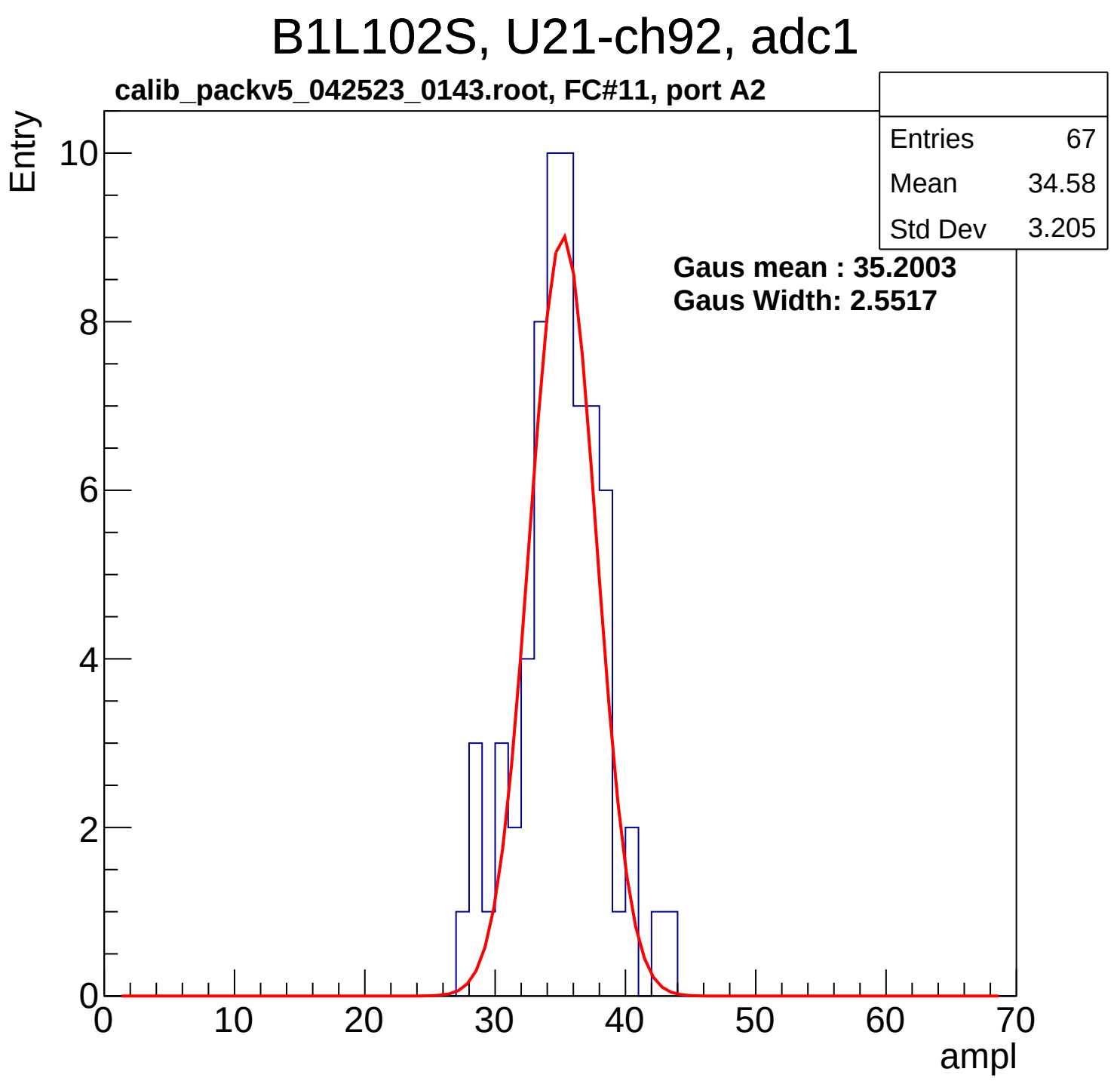
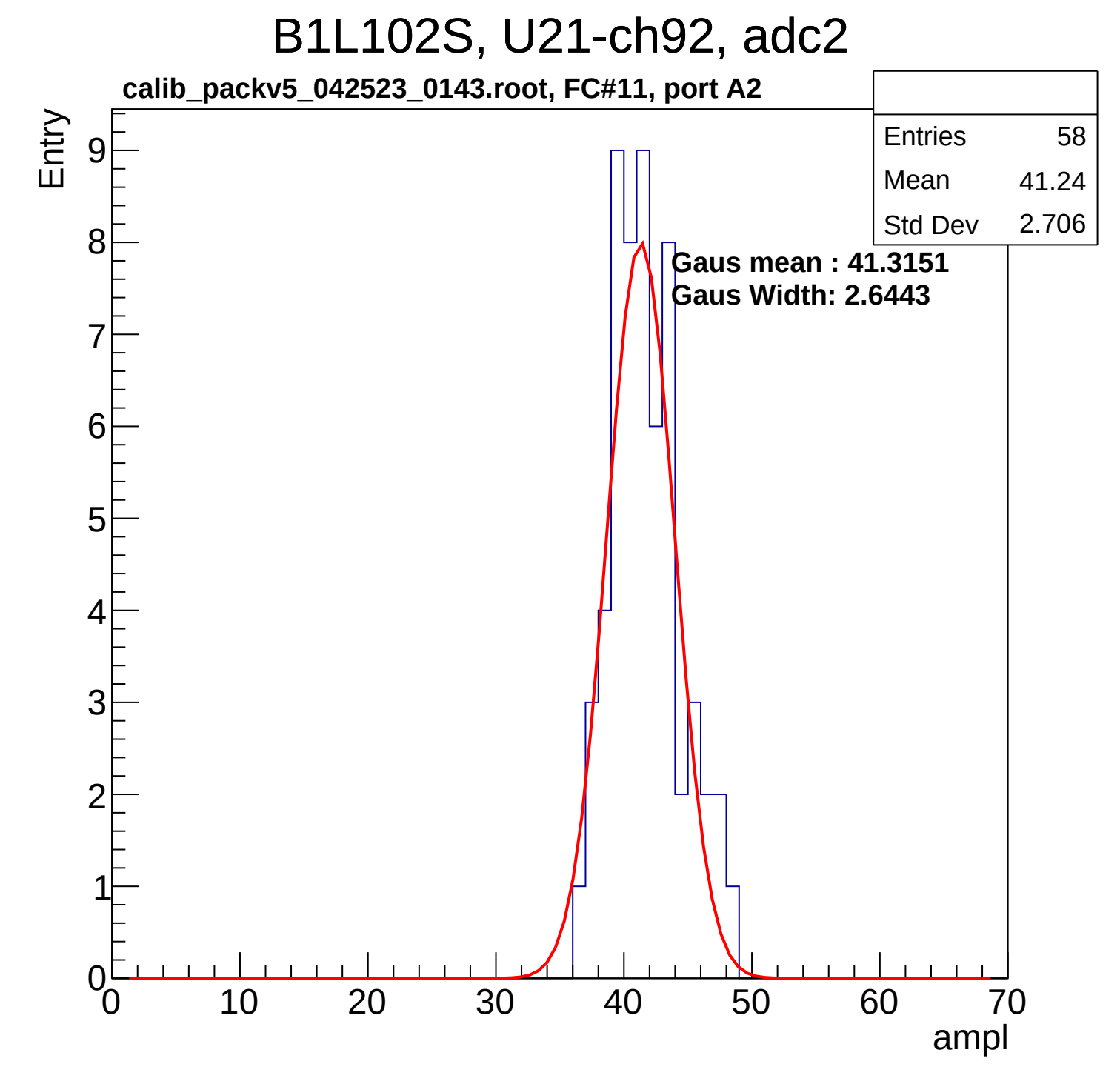
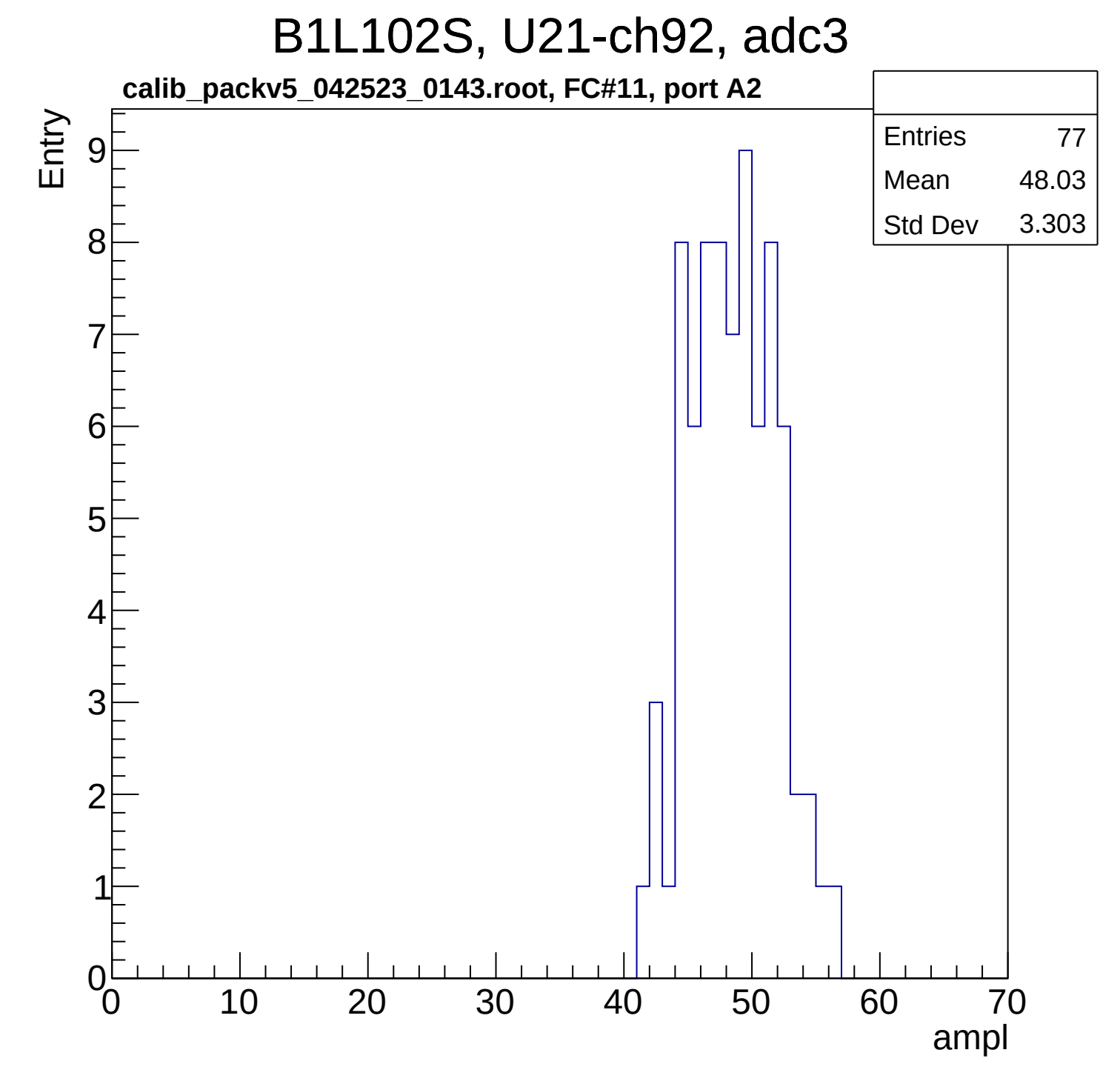

B1L102S, U21-ch92, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 34.58
Std Dev 3.205
Gaus mean : 35.2003
Gaus Width: 2.5517
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch92, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 41.24
Std Dev 2.706
Gaus mean : 41.3151
Gaus Width: 2.6443
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch92, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 48.03
Std Dev 3.303
Entry
ampl
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1
2
3
4
5
6
7
8
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0
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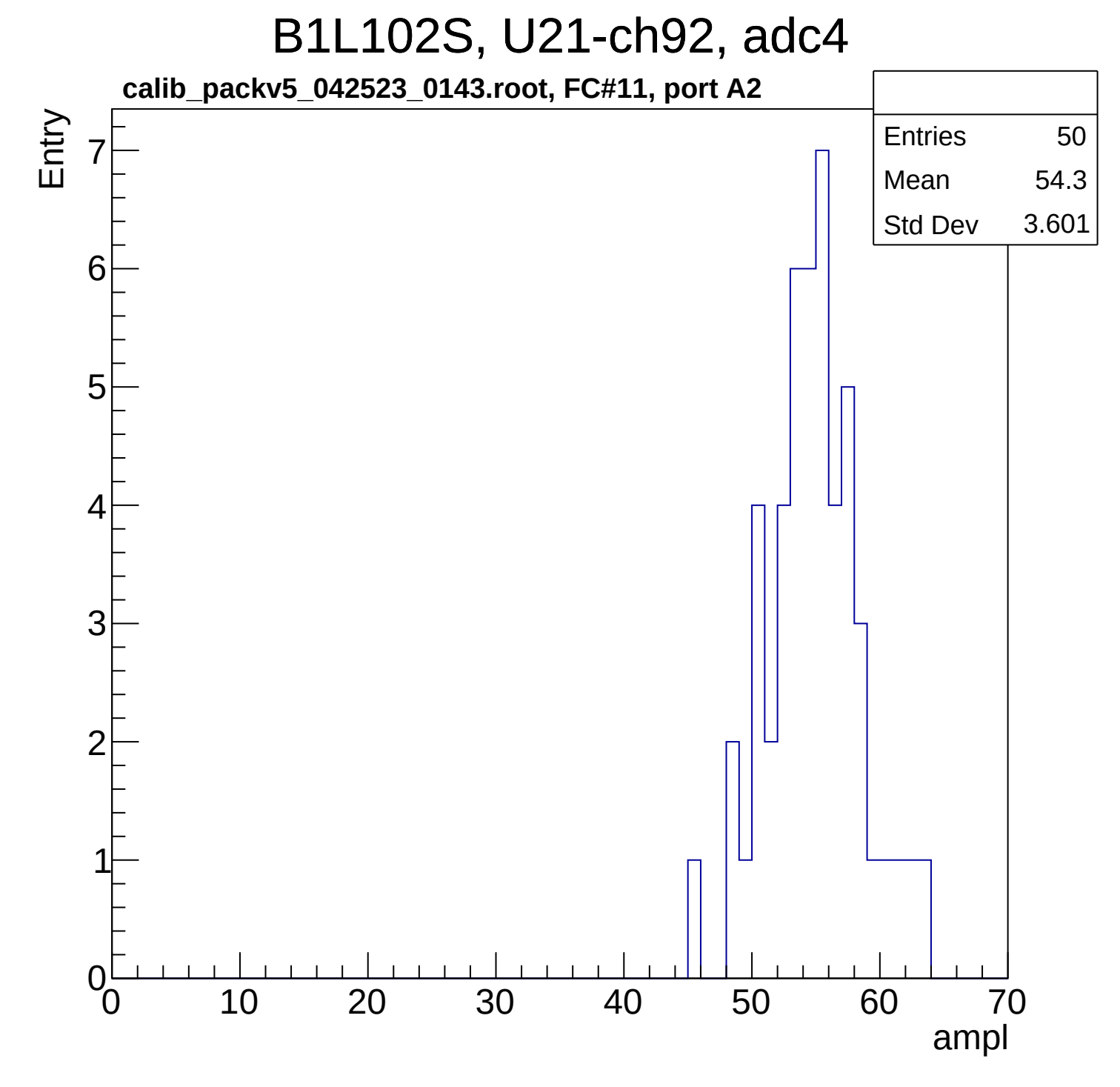
B1L102S, U21-ch92, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 50
Mean 54.3
Std Dev 3.601
Entry
ampl
0
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4
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0
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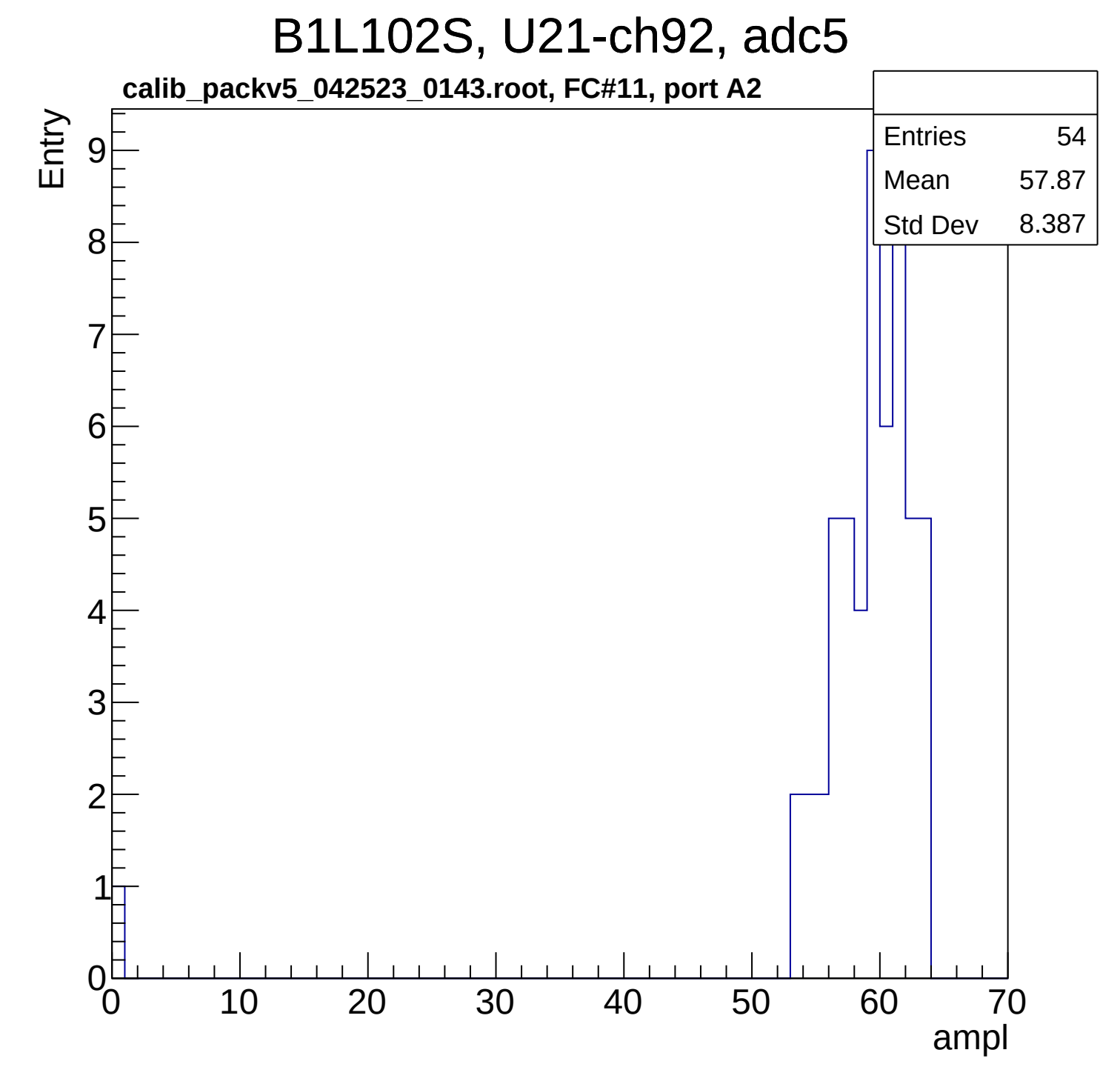
B1L102S, U21-ch92, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 57.87
Std Dev 8.387
Entry
ampl
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3
4
5
6
7
8
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0
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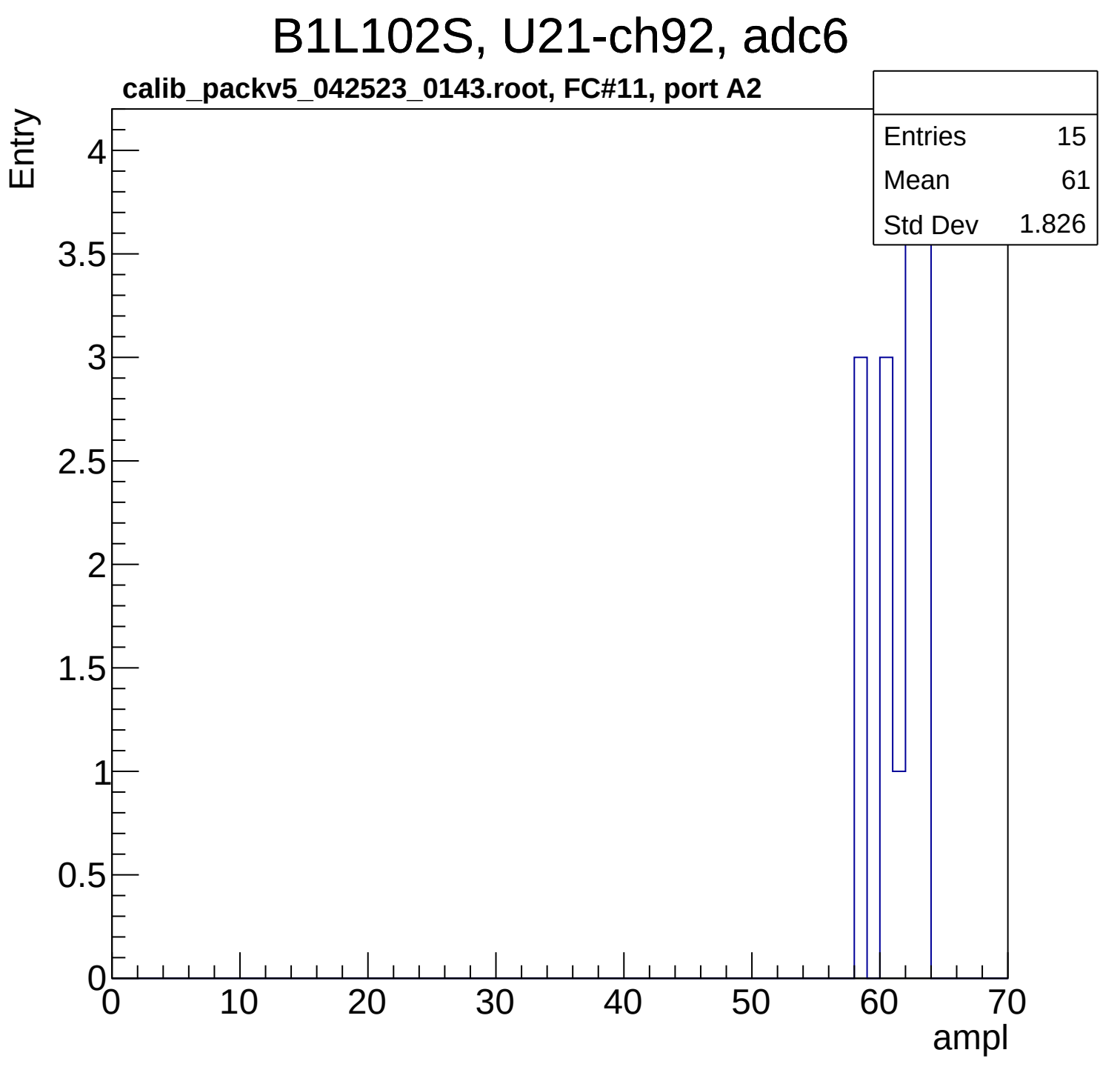
B1L102S, U21-ch92, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 15
Mean 61
Std Dev 1.826
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
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40
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60
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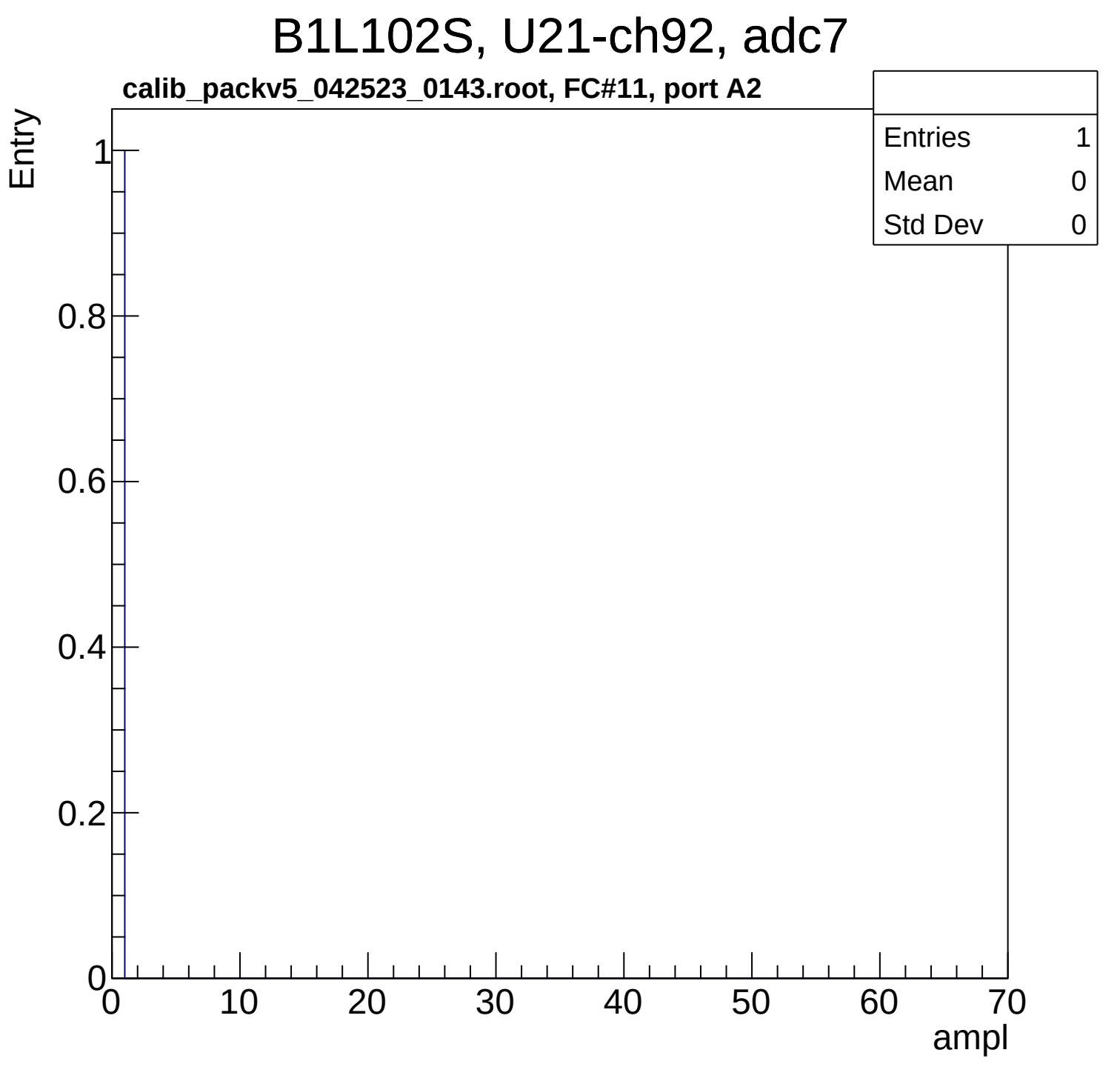
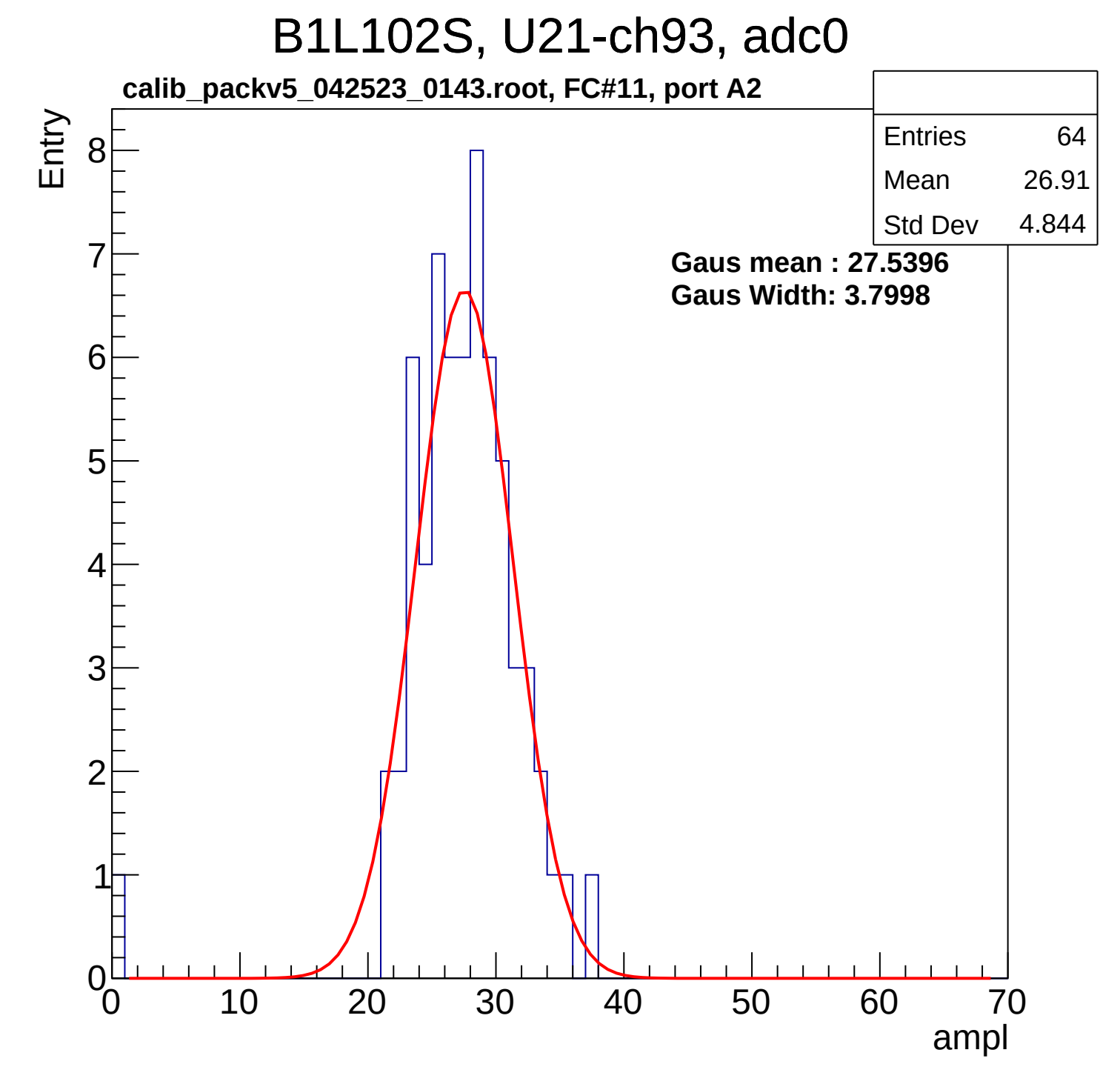

B1L102S, U21-ch92, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch93, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 26.91
Std Dev 4.844
Gaus mean : 27.5396
Gaus Width: 3.7998
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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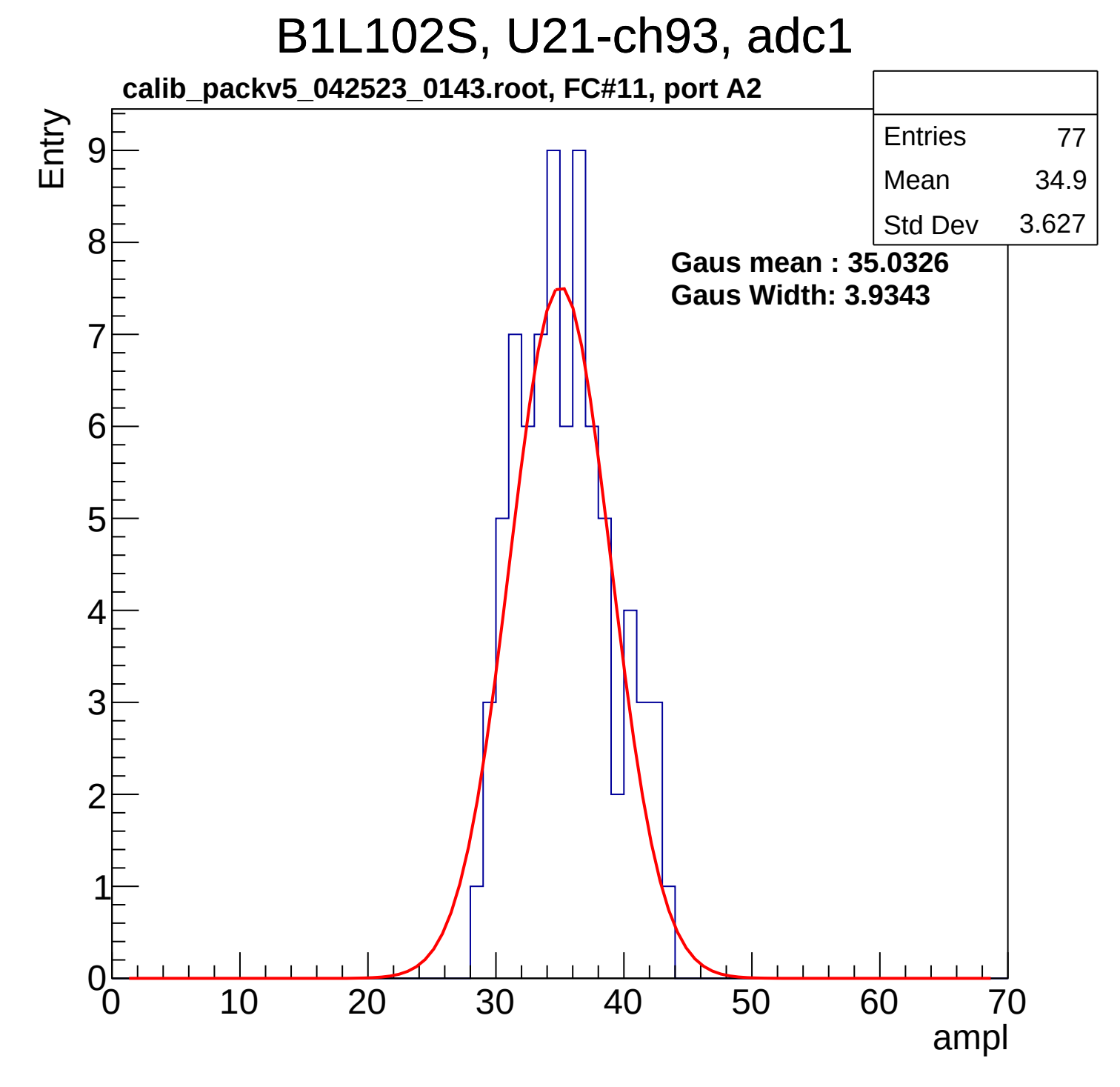
B1L102S, U21-ch93, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 34.9
Std Dev 3.627
Gaus mean : 35.0326
Gaus Width: 3.9343
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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40
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60
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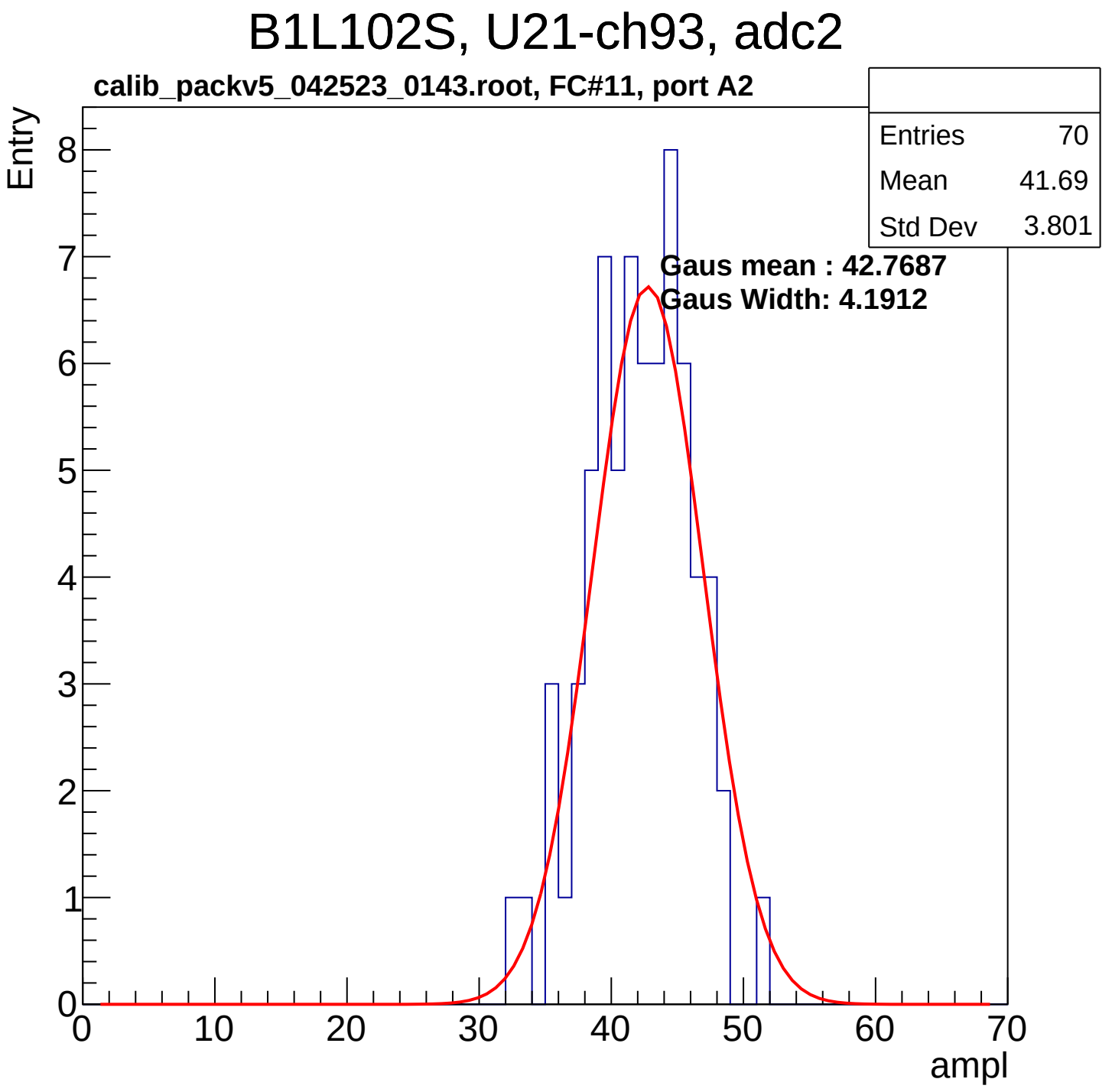
B1L102S, U21-ch93, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 41.69
Std Dev 3.801
Gaus mean : 42.7687
Gaus Width: 4.1912
Entry
ampl
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1
2
3
4
5
6
7
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0
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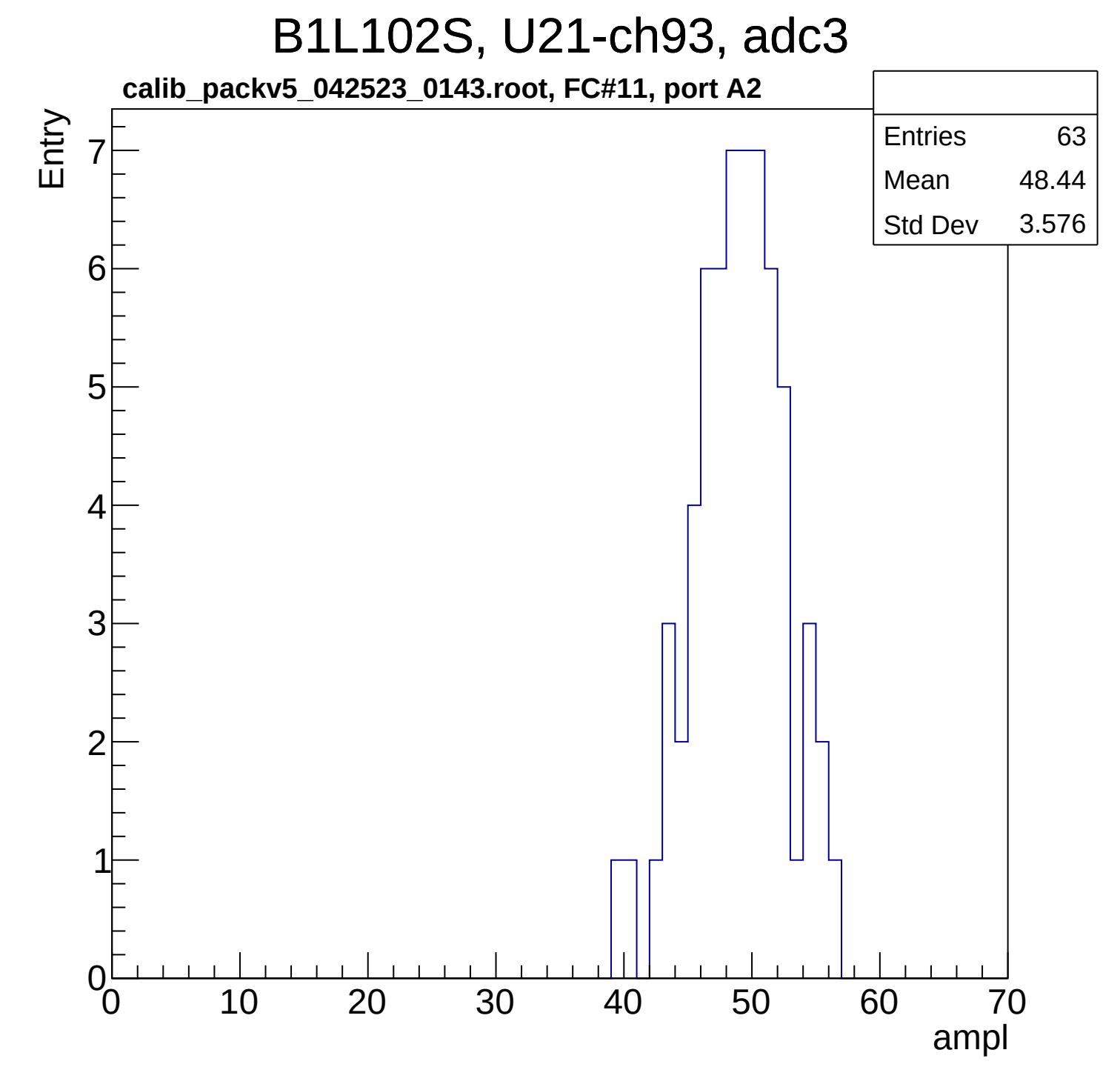
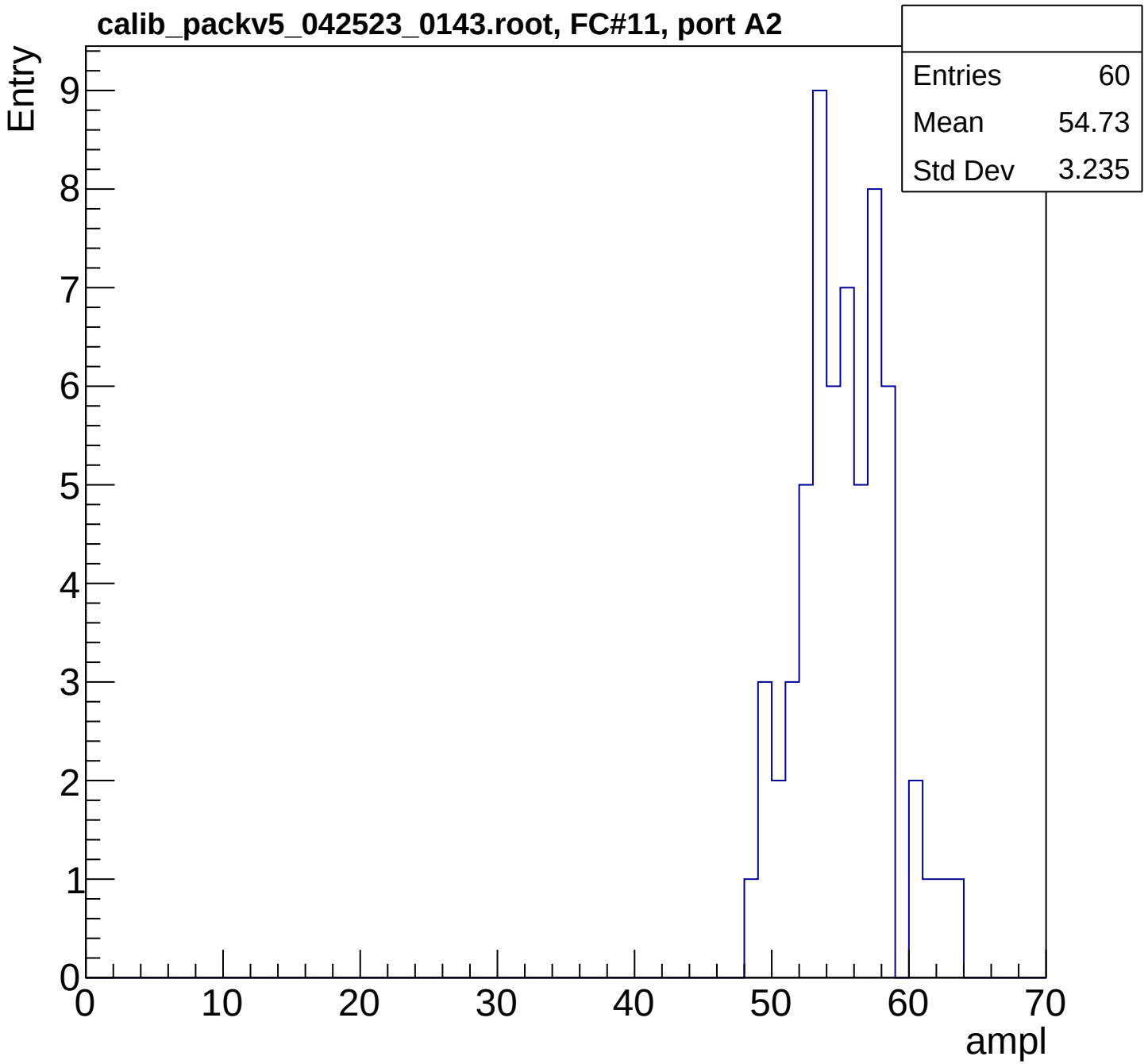

B1L102S, U21-ch93, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 48.44
Std Dev 3.576
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch93, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 54.73
Std Dev 3.235
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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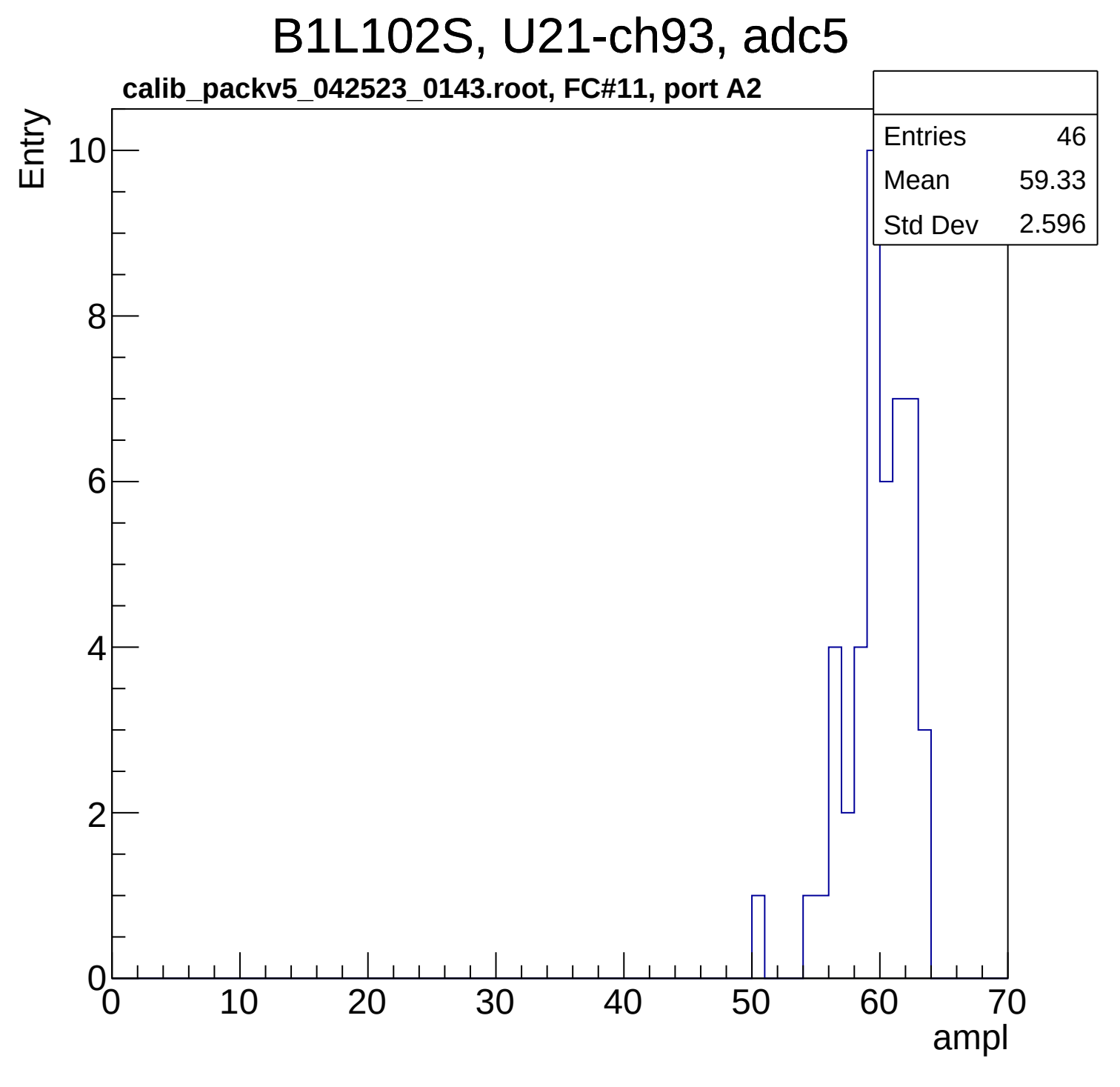
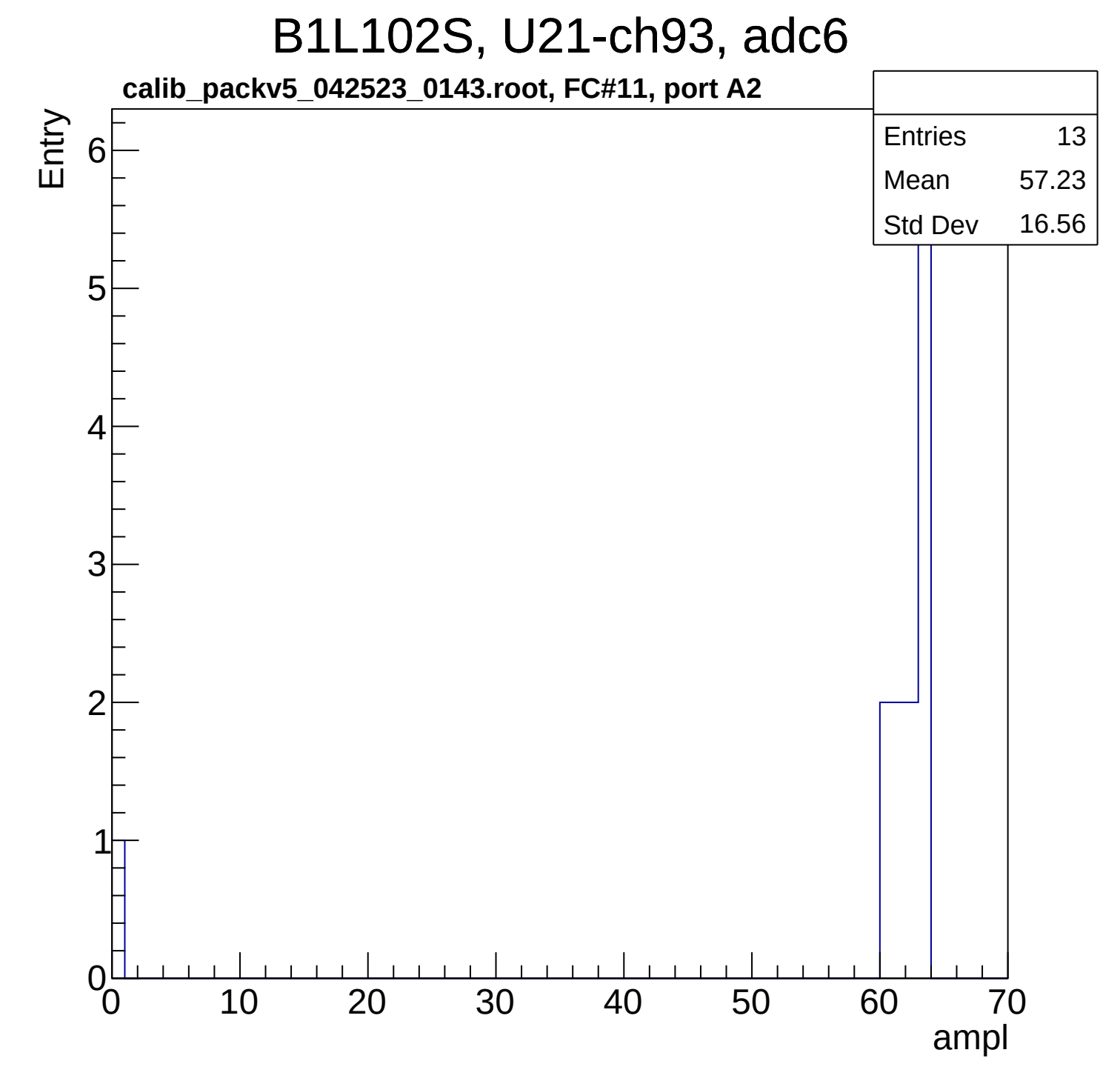
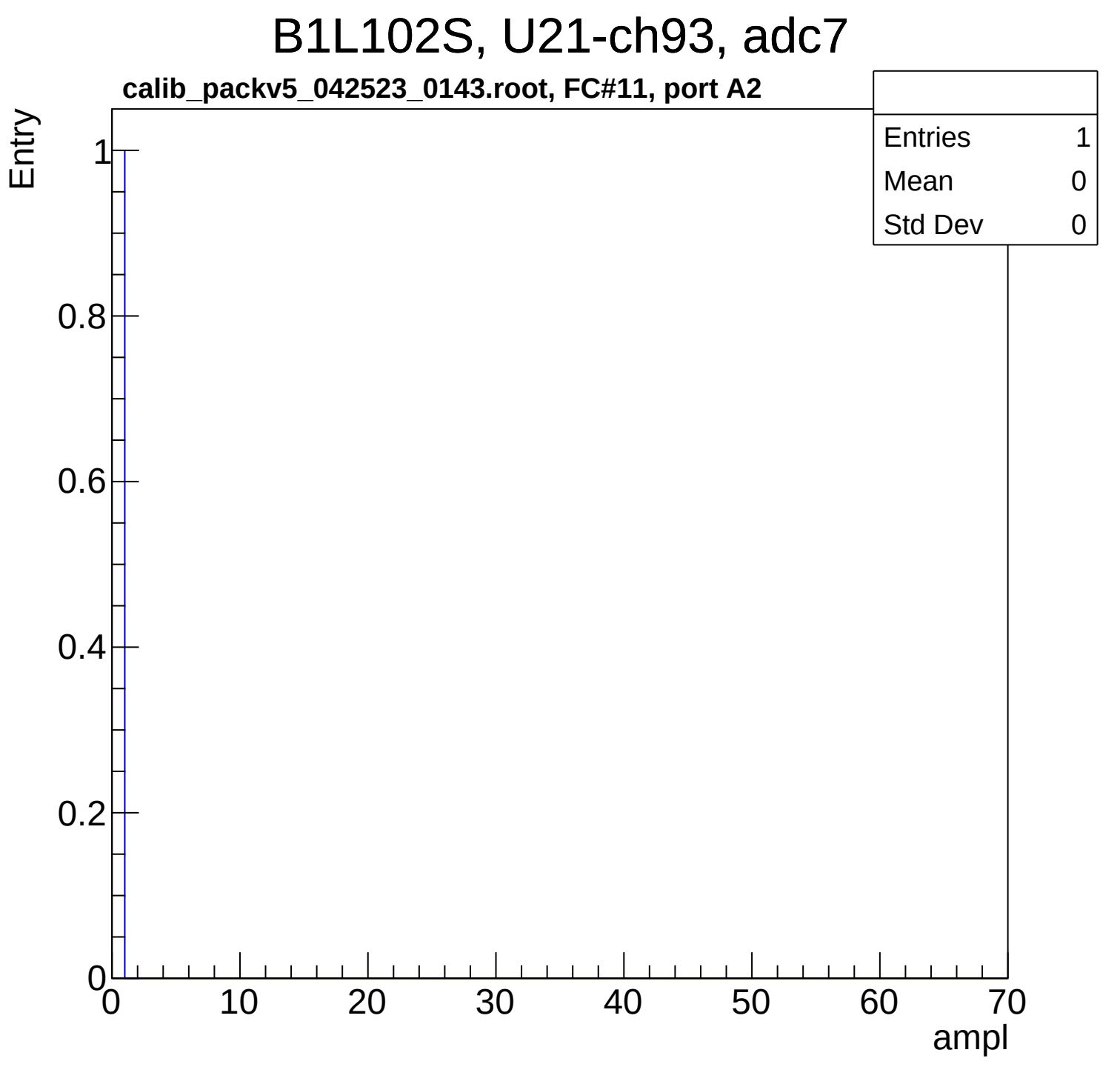
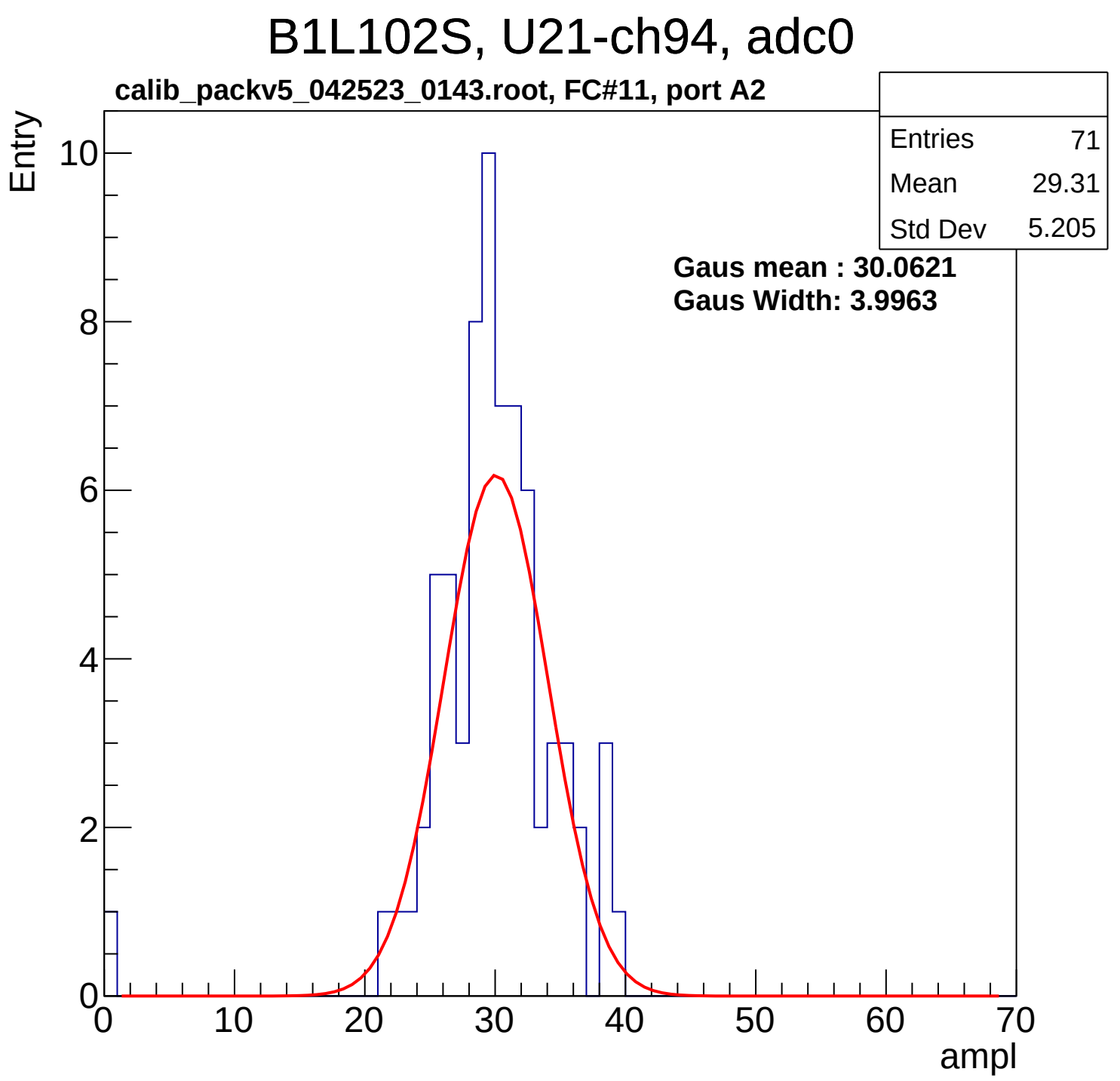
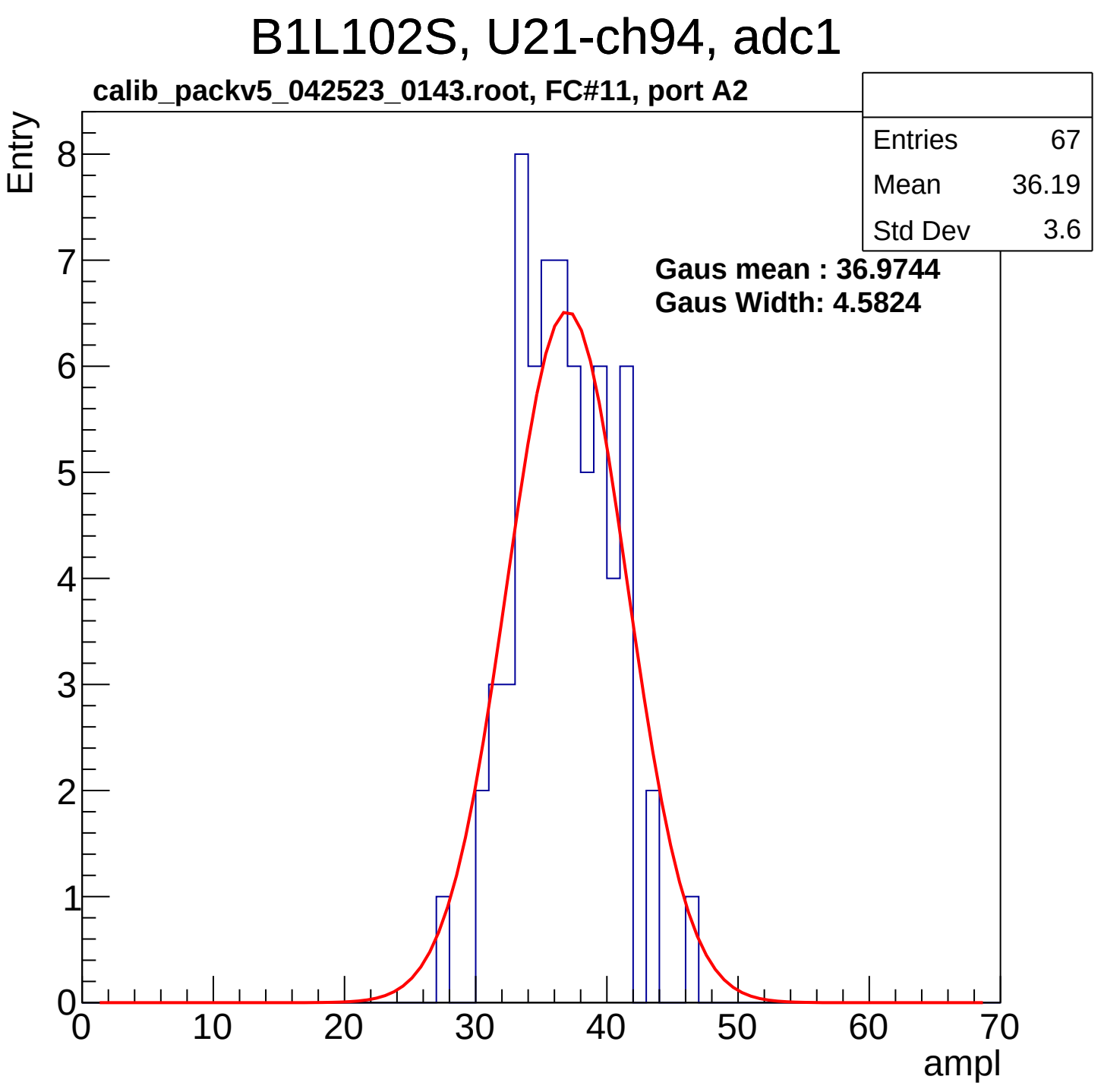
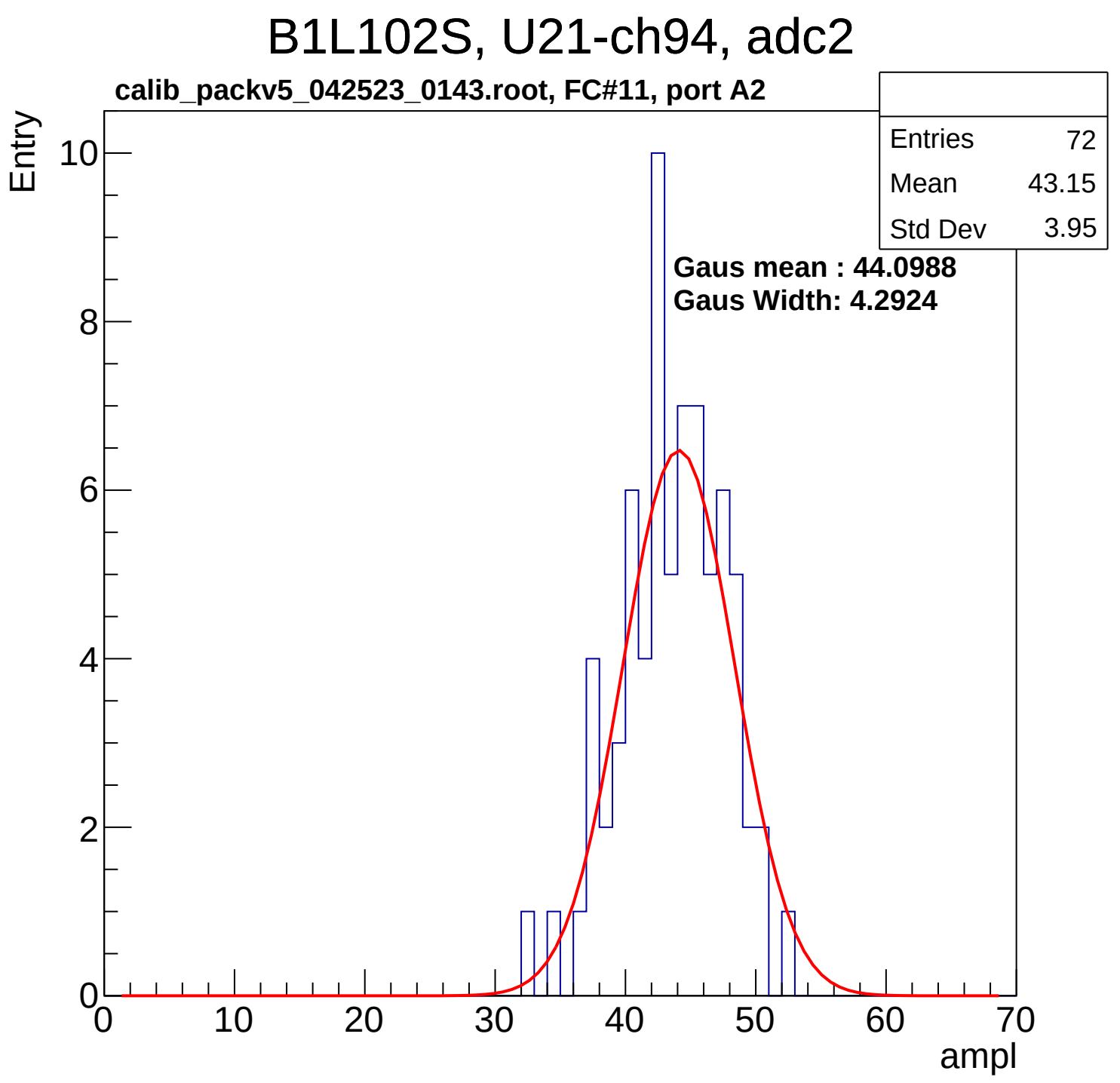

B1L102S, U21-ch93, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 46
Mean 59.33
Std Dev 2.596
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

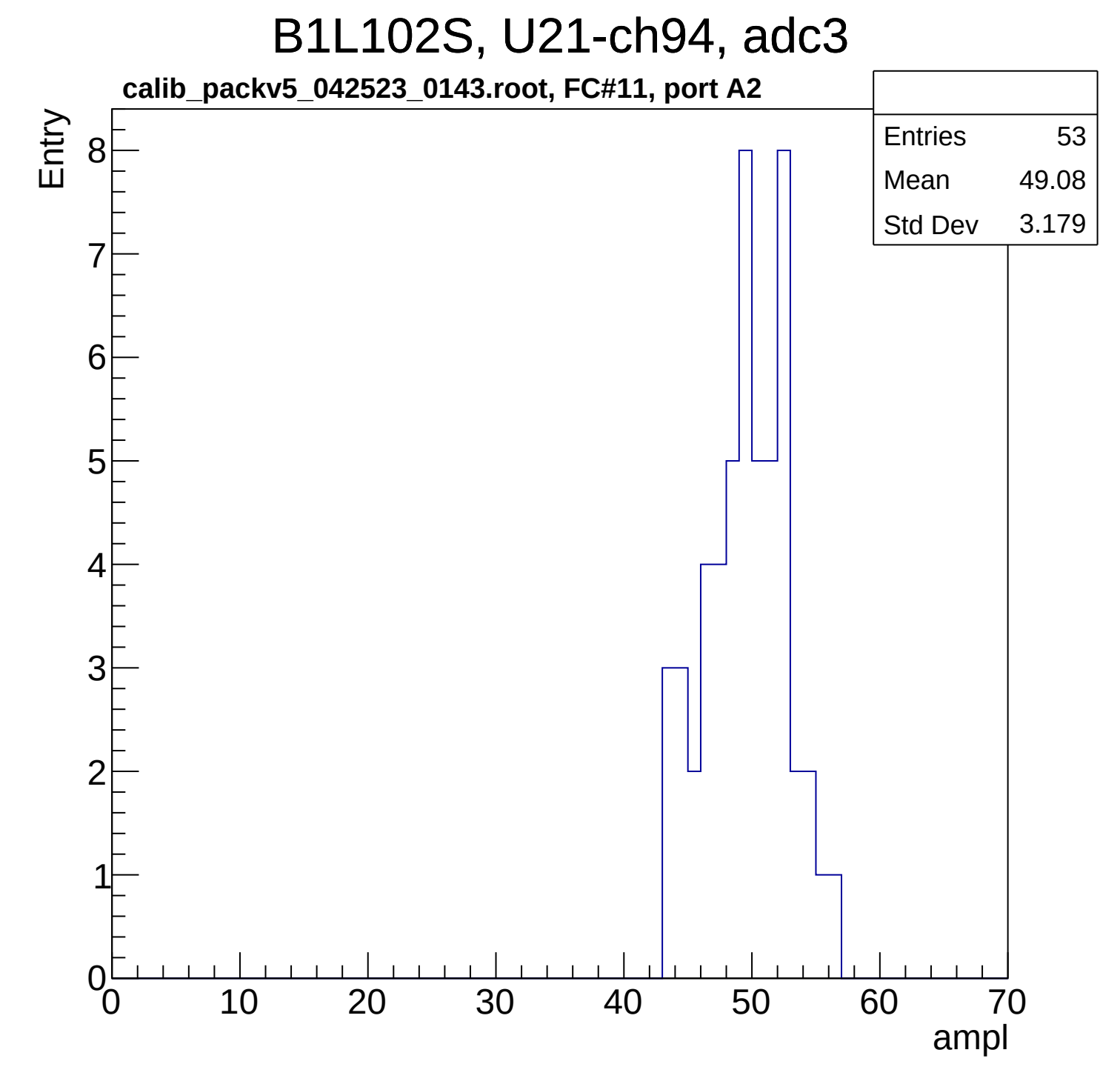

B1L102S, U21-ch93, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 13
Mean 57.23
Std Dev 16.56
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch93, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch94, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 29.31
Std Dev 5.205
Gaus mean : 30.0621
Gaus Width: 3.9963
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch94, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 36.19
Std Dev 3.6
Gaus mean : 36.9744
Gaus Width: 4.5824
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch94, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 43.15
Std Dev 3.95
Gaus mean : 44.0988
Gaus Width: 4.2924
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch94, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 53
Mean 49.08
Std Dev 3.179
Entry
ampl
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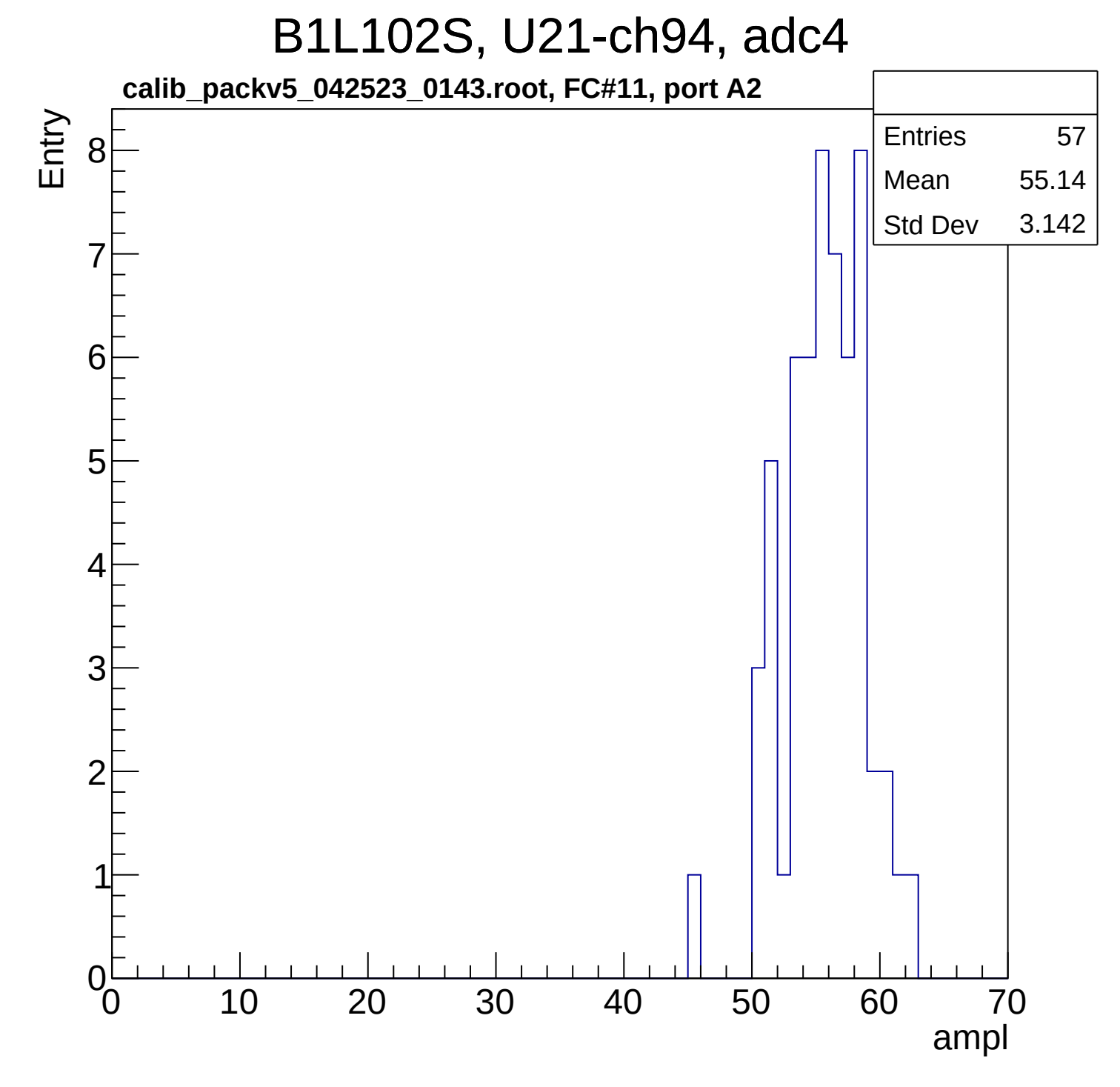
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch94, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 55.14
Std Dev 3.142
Entry
ampl
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1
2
3
4
5
6
7
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0
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20
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40
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60
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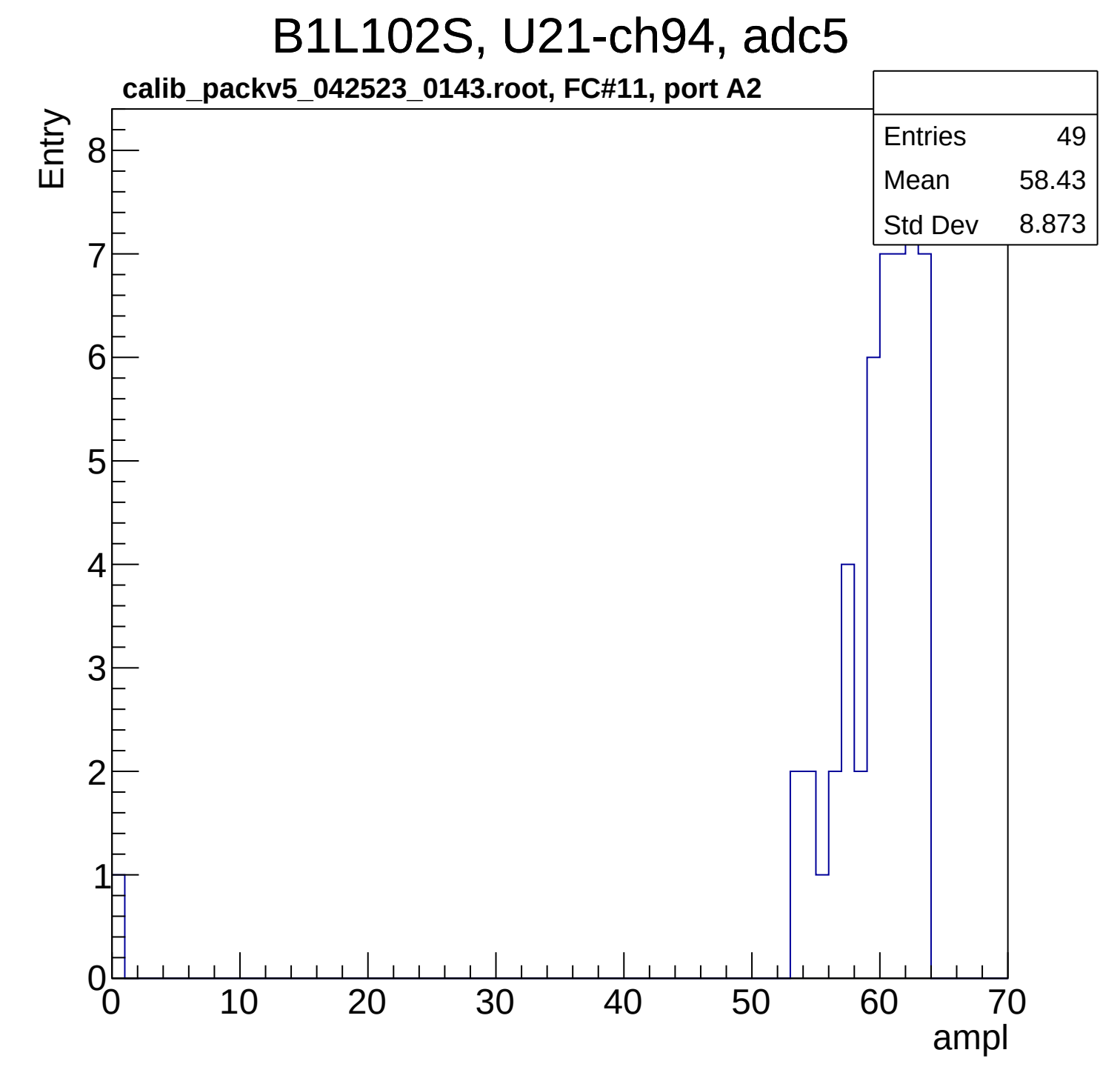
B1L102S, U21-ch94, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 58.43
Std Dev 8.873
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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60
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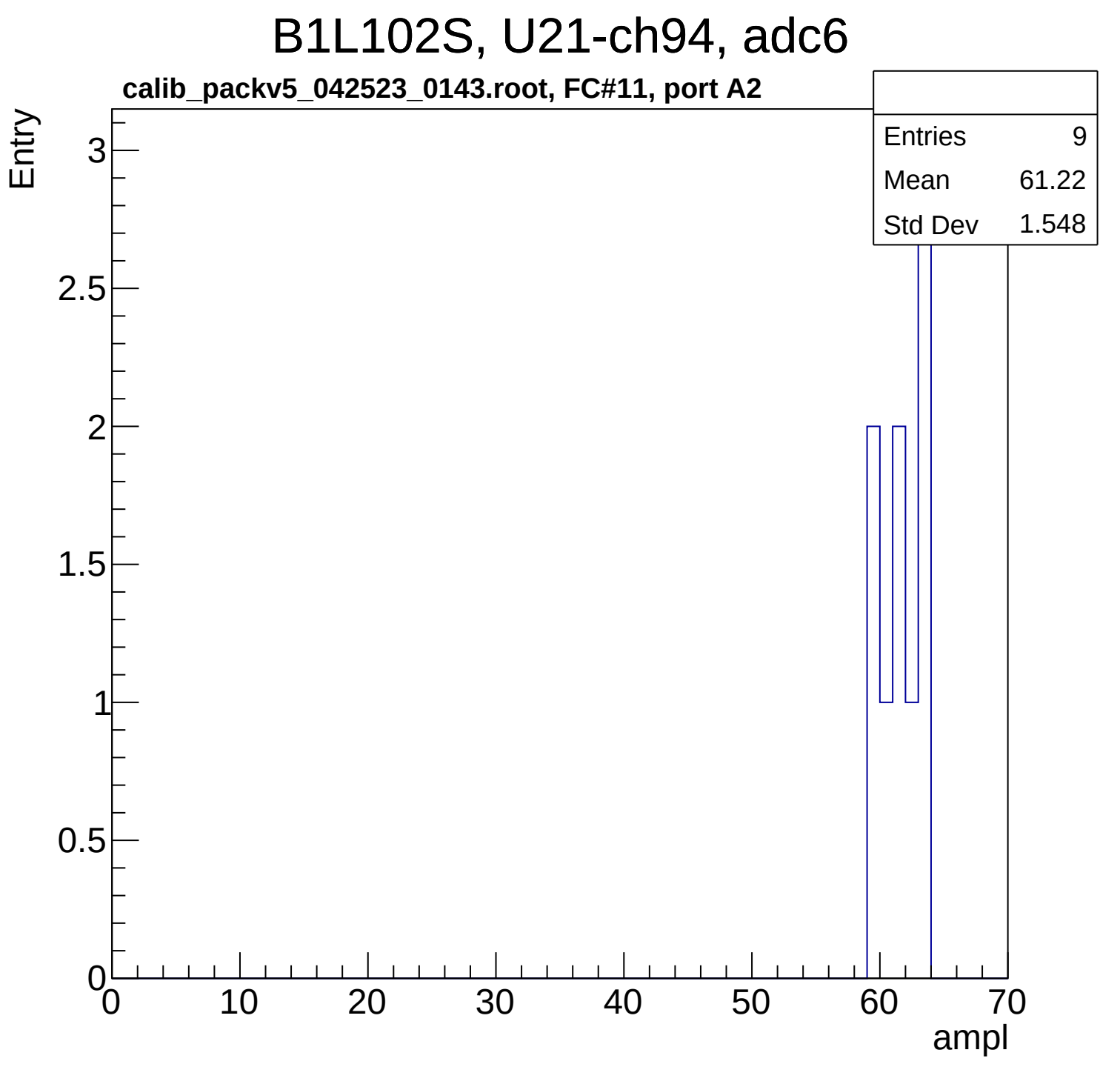
B1L102S, U21-ch94, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 9
Mean 61.22
Std Dev 1.548
Entry
ampl
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0.5
1
1.5
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2.5
3
0
10
20
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40
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60
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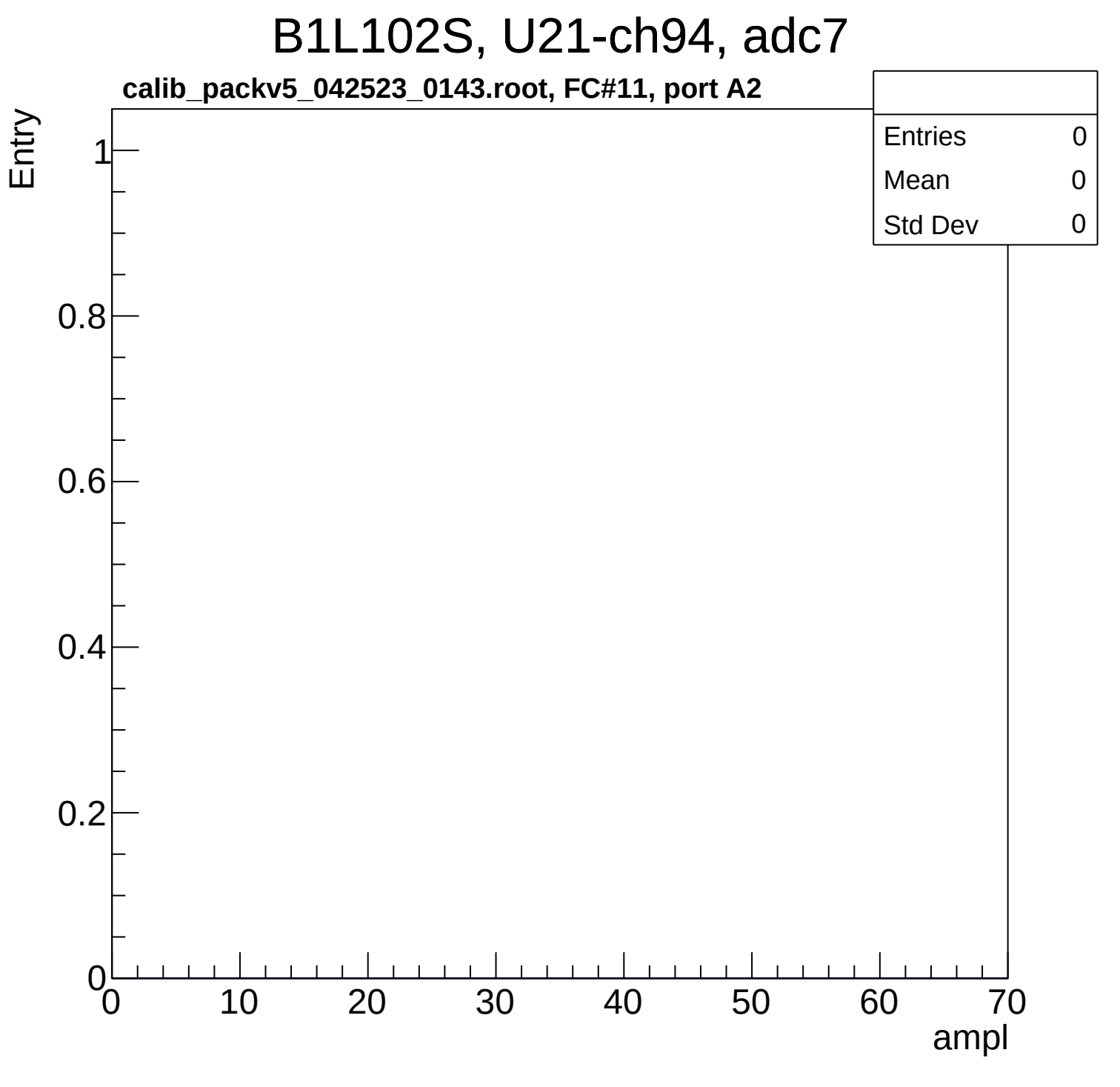
B1L102S, U21-ch94, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
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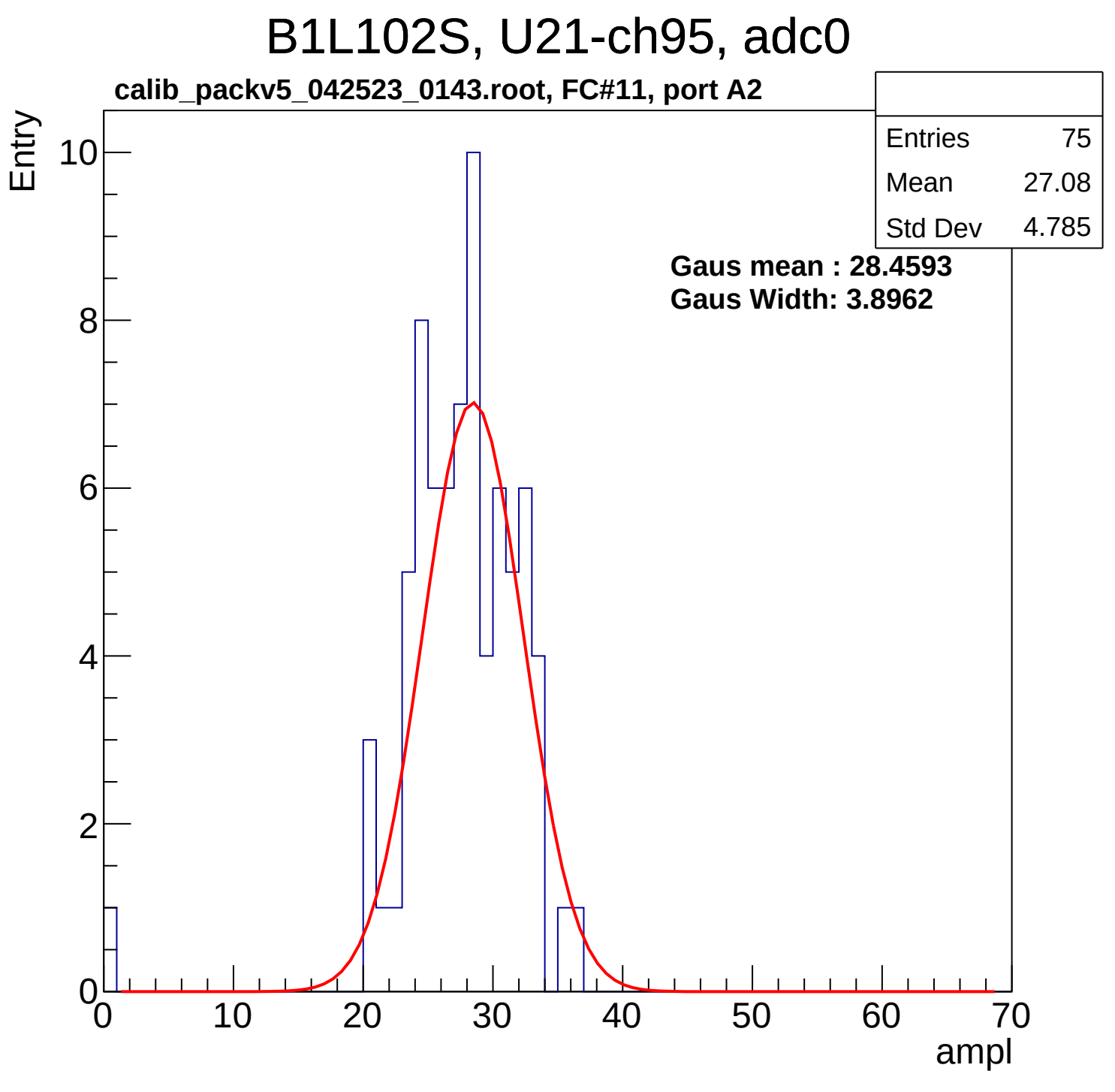
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch95, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 27.08
Std Dev 4.785
Gaus mean : 28.4593
Gaus Width: 3.8962
Entry
ampl
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2
4
6
8
10
0
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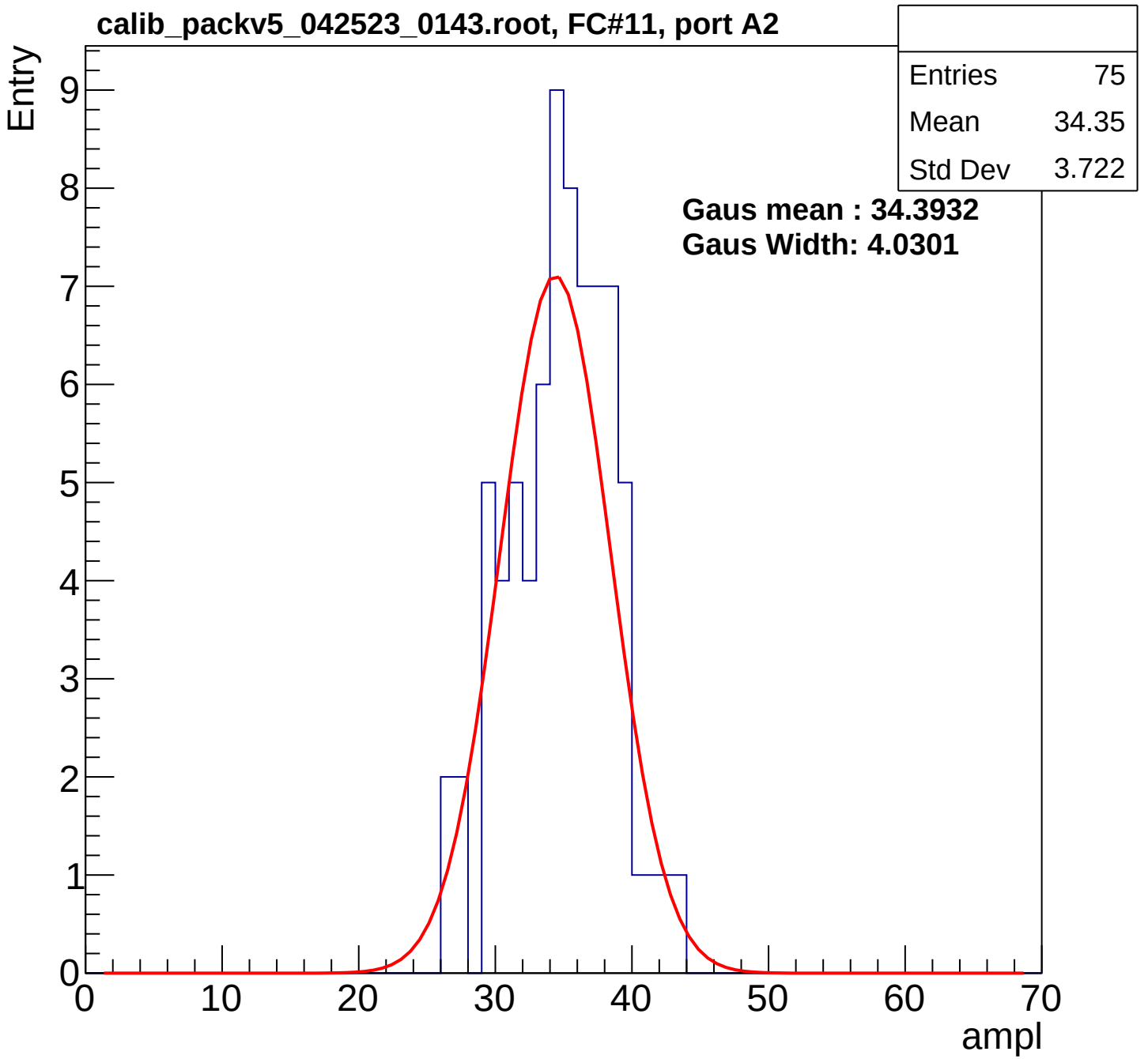
20
30
40
50
60
70


B1L102S, U21-ch95, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 34.35
Std Dev 3.722
Gaus mean : 34.3932
Gaus Width: 4.0301
Entry
ampl
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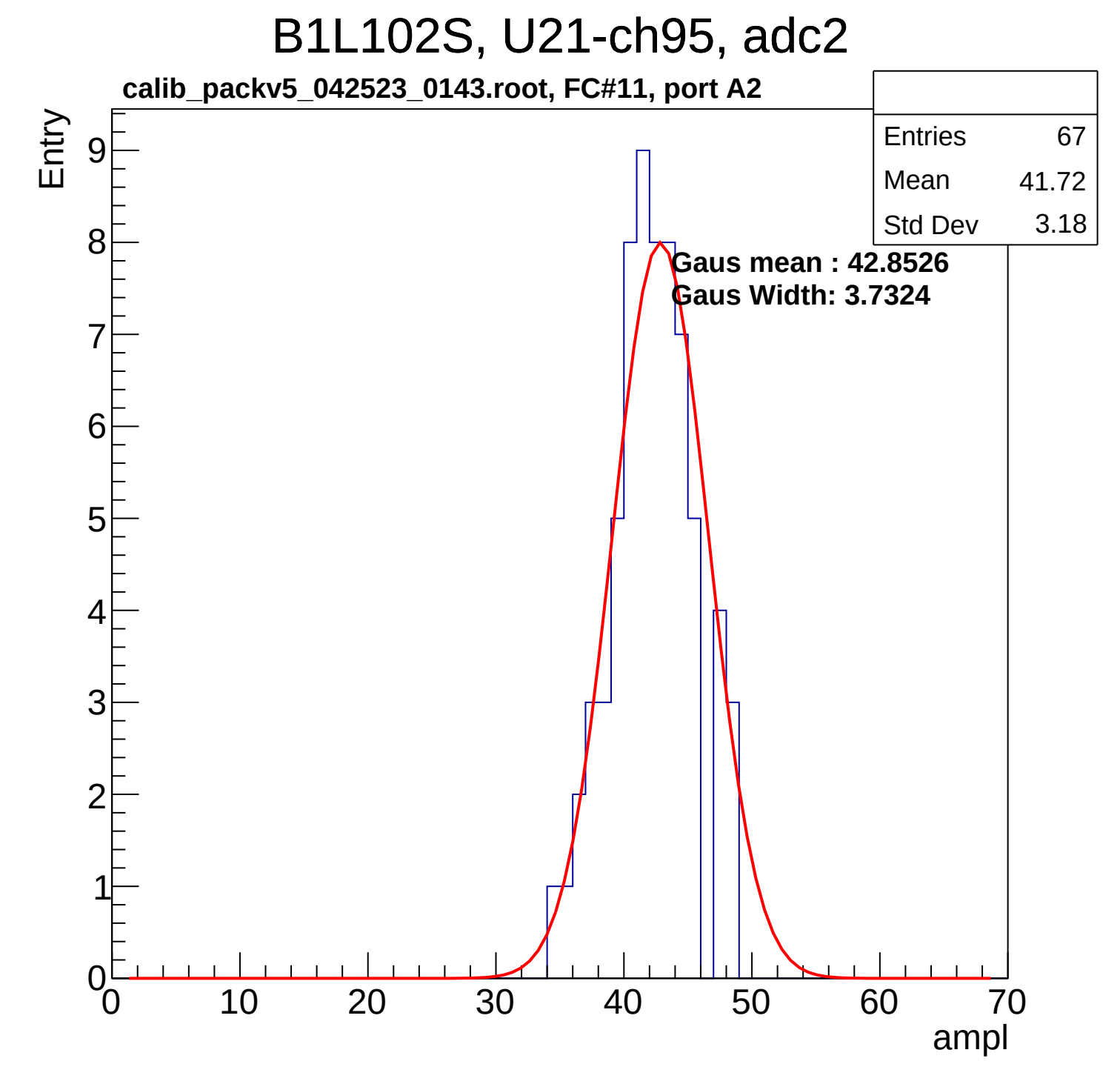
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch95, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 41.72
Std Dev 3.18
Gaus mean : 42.8526
Gaus Width: 3.7324
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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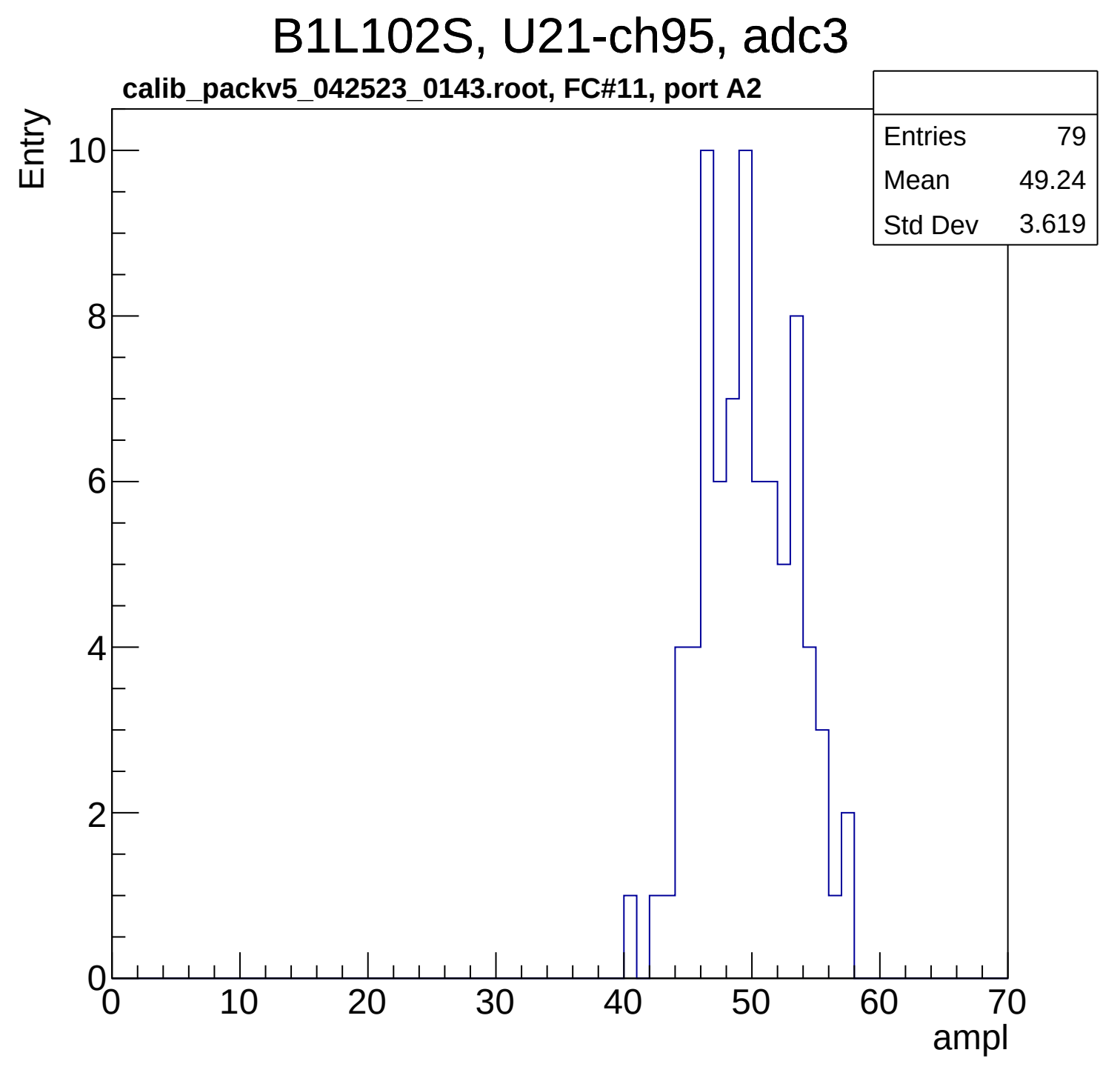
B1L102S, U21-ch95, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 49.24
Std Dev 3.619
Entry
ampl
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2
4
6
8
10
0
10
20
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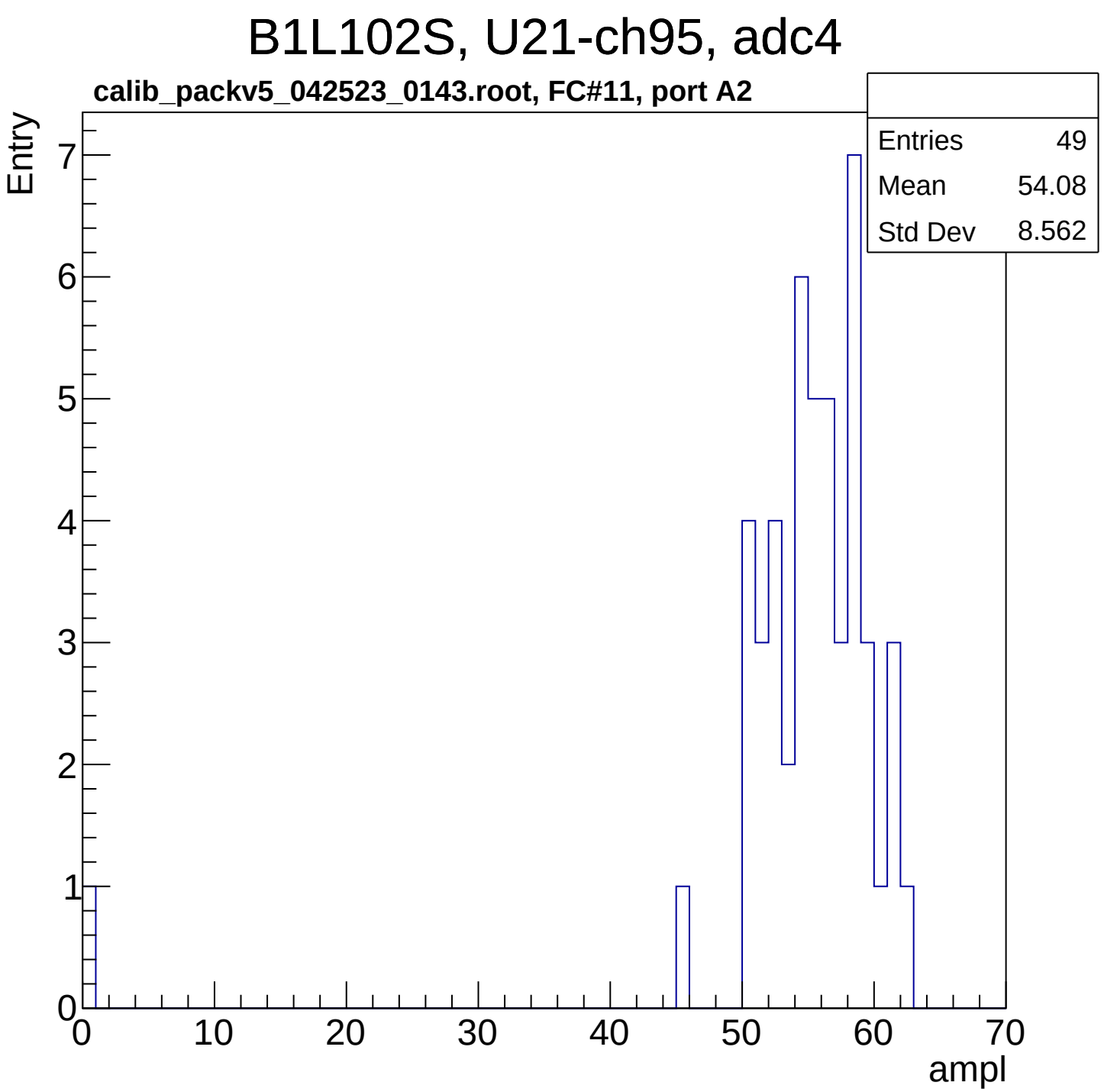
40
50
60
70


B1L102S, U21-ch95, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 54.08
Std Dev 8.562
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
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40
50
60
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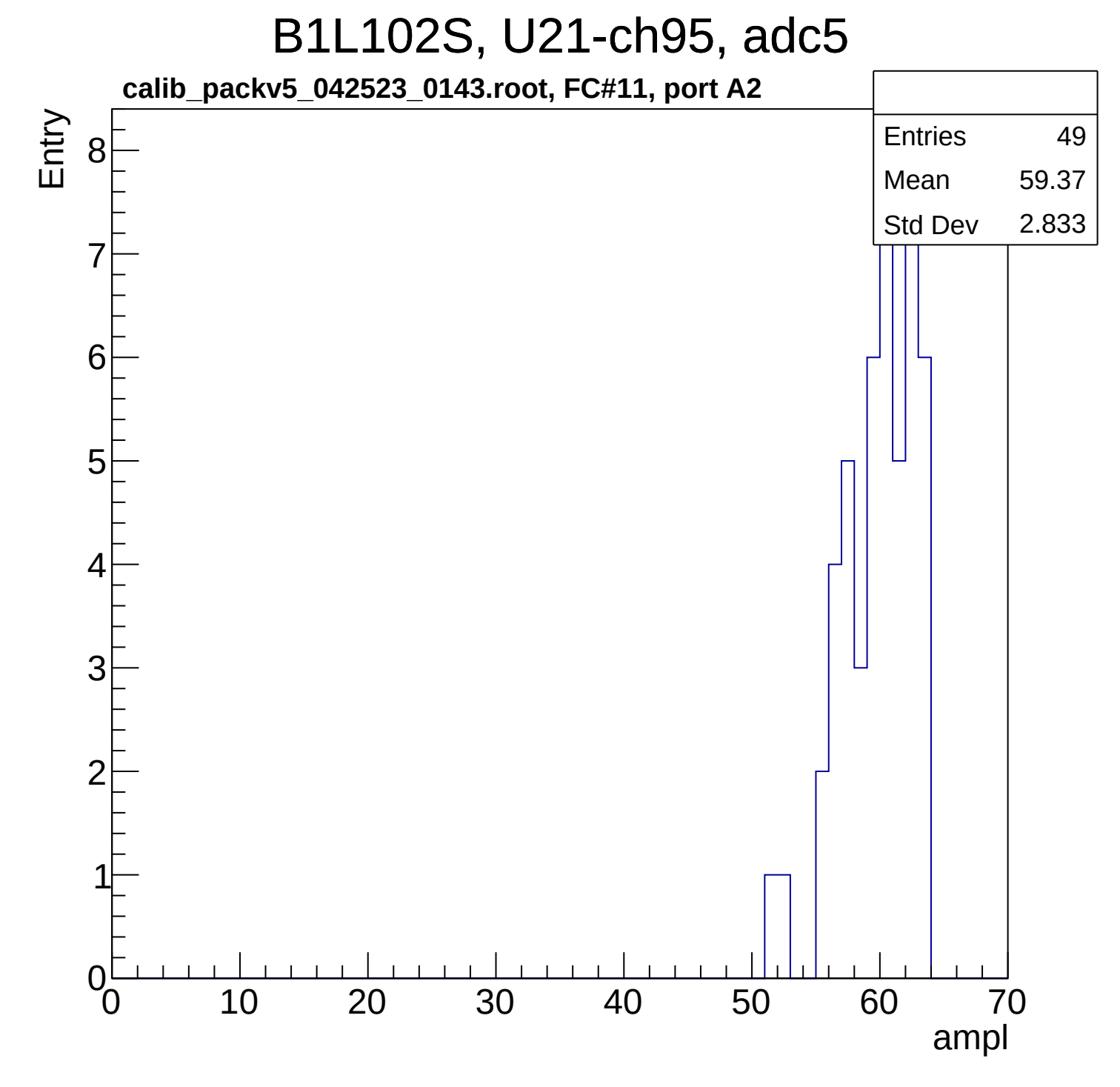
B1L102S, U21-ch95, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 59.37
Std Dev 2.833
Entry
ampl
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1
2
3
4
5
6
7
8
0
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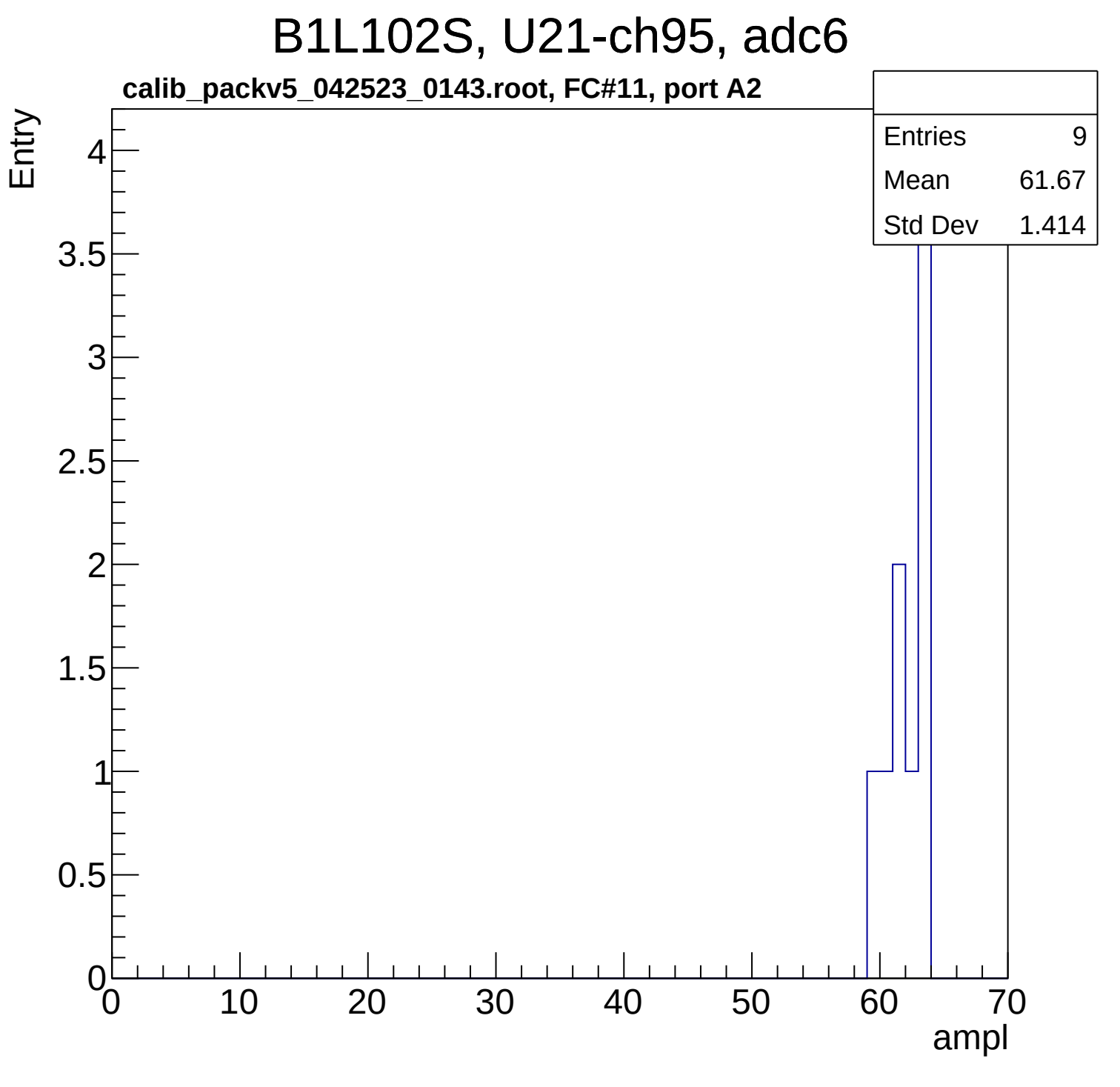
20
30
40
50
60
70


B1L102S, U21-ch95, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 9
Mean 61.67
Std Dev 1.414
Entry
ampl
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1.5
2
2.5
3
3.5
4
0
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20
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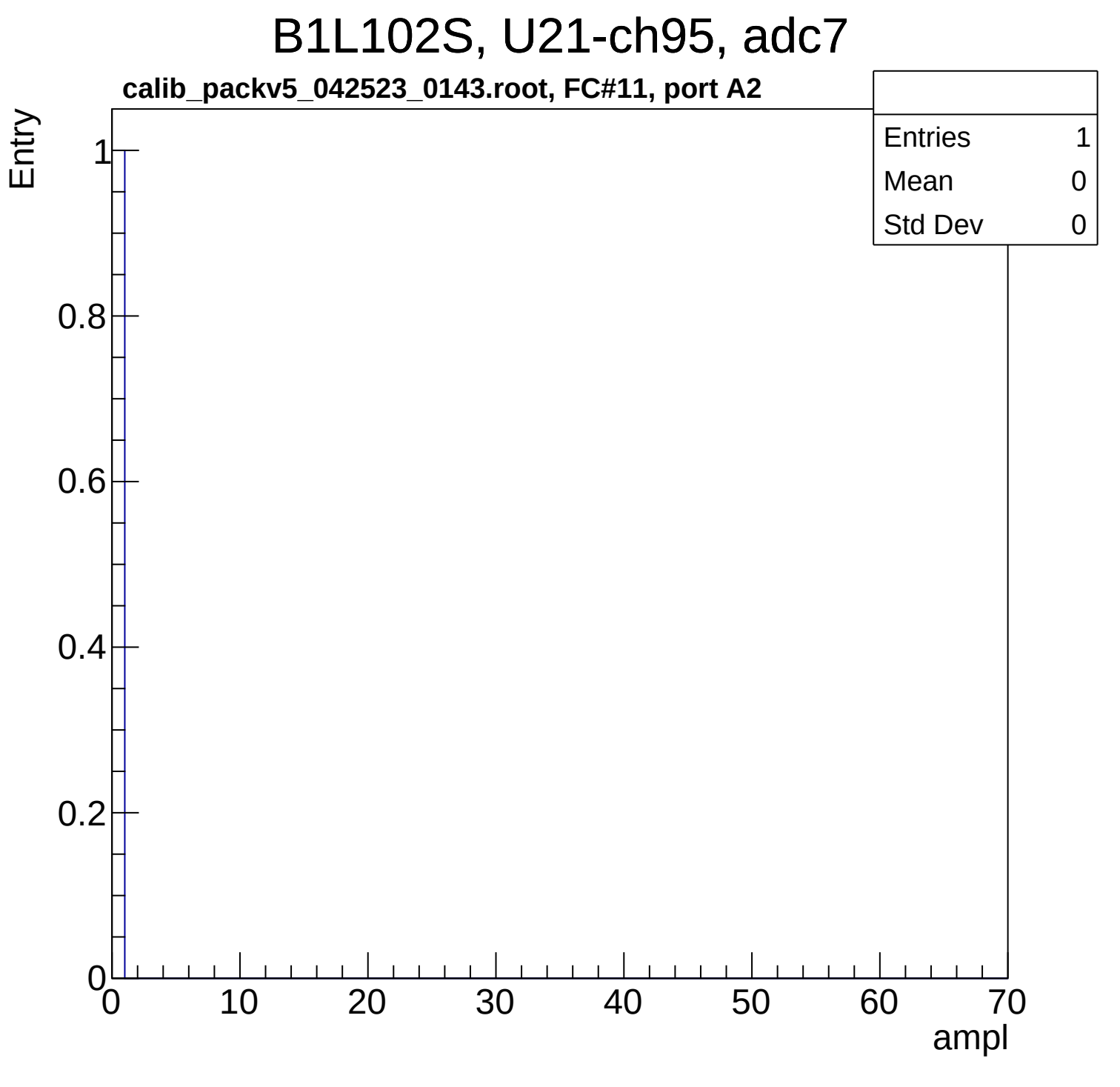
40
50
60
70


B1L102S, U21-ch95, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 0
Std Dev 0
Entry
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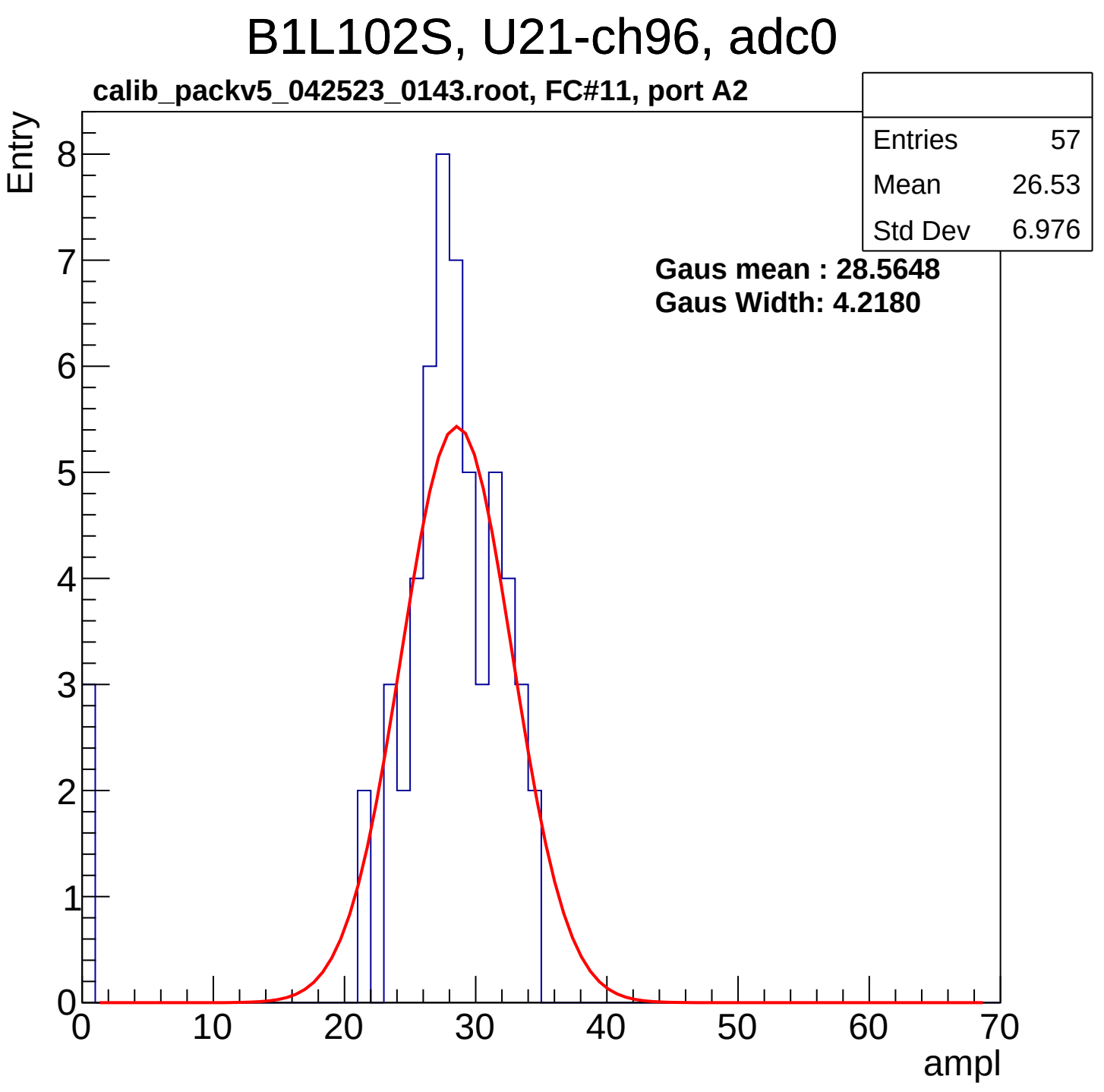
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch96, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 26.53
Std Dev 6.976
Gaus mean : 28.5648
Gaus Width: 4.2180
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
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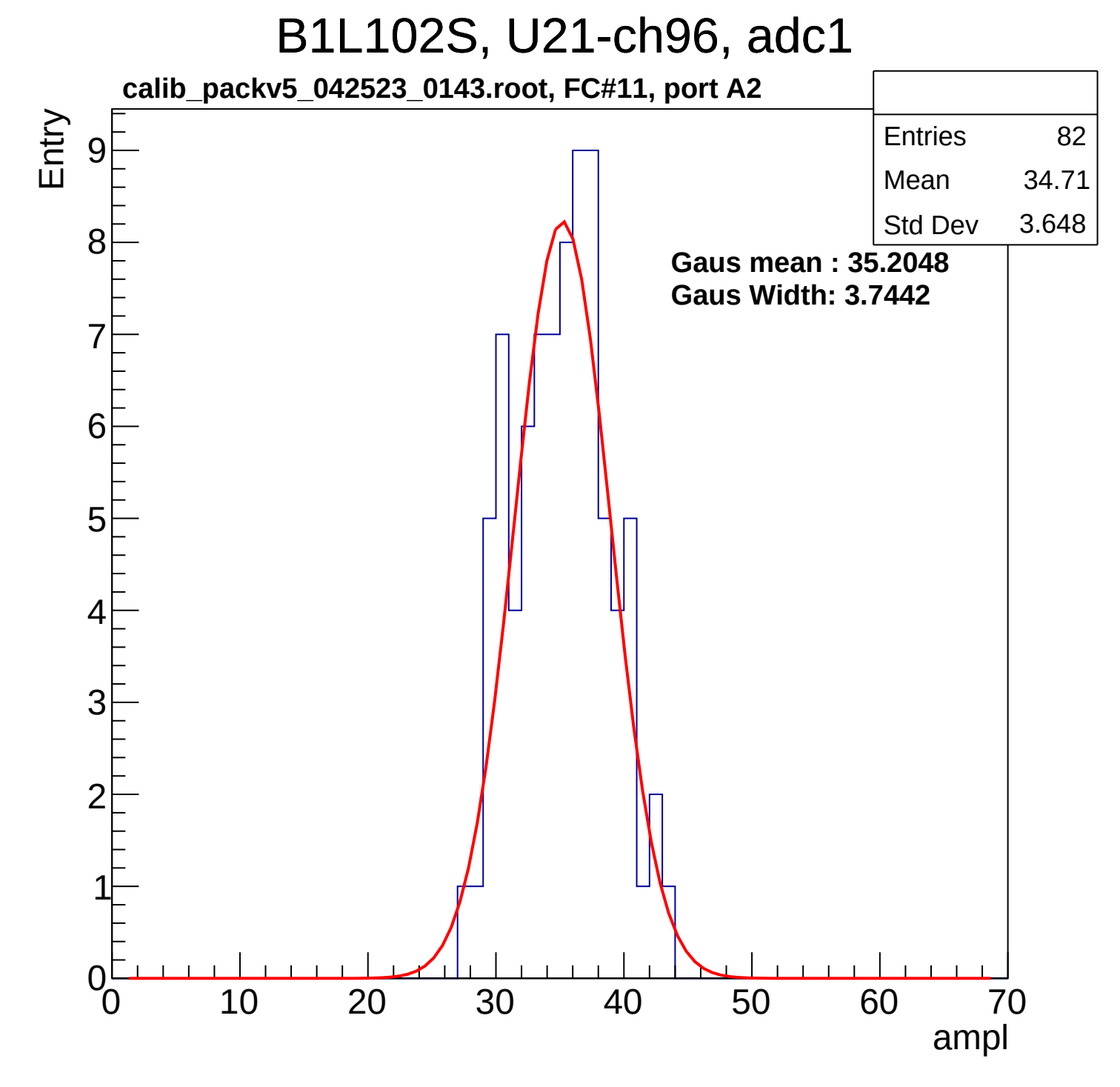
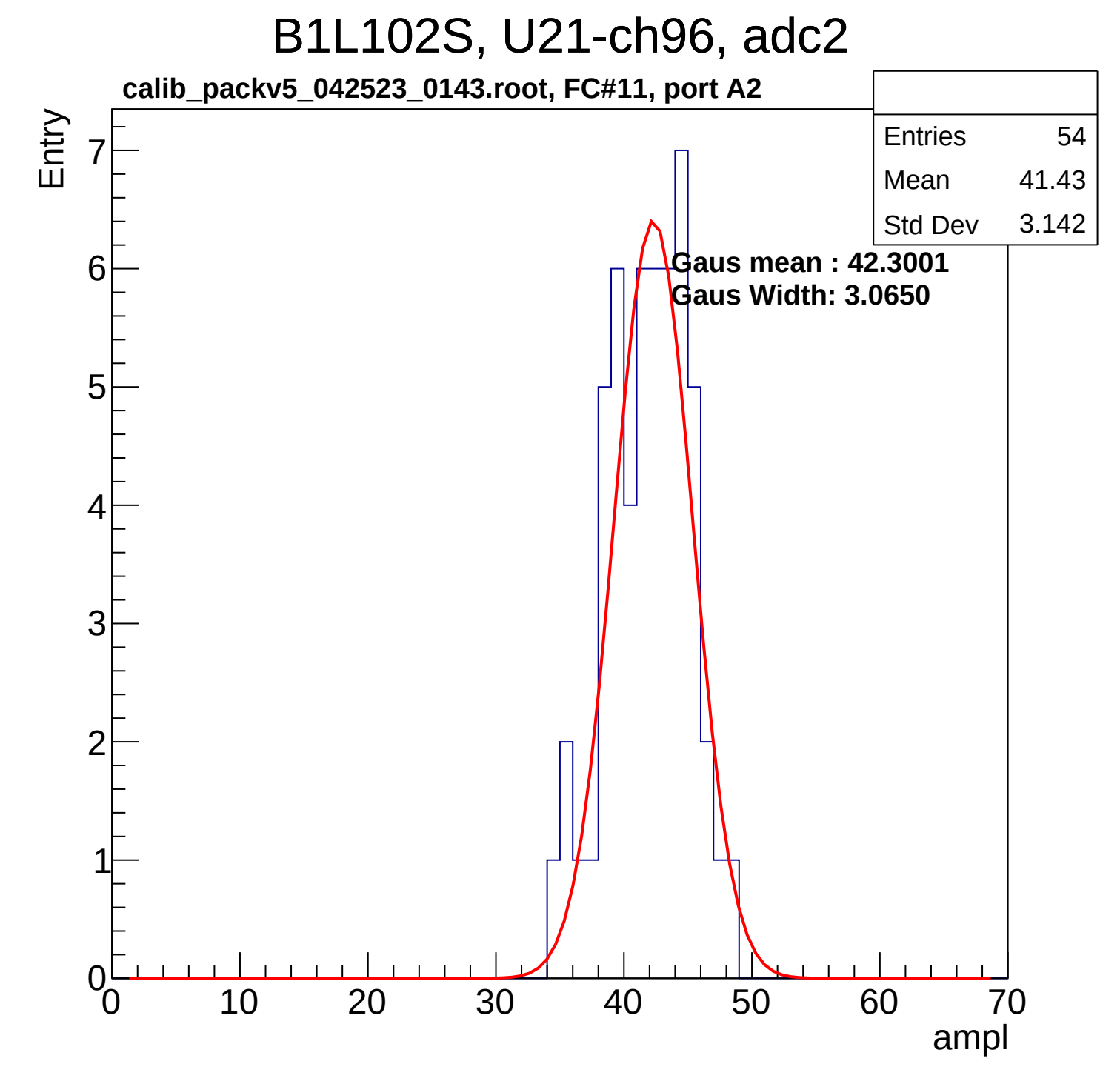

B1L102S, U21-ch96, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 82
Mean 34.71
Std Dev 3.648
Gaus mean : 35.2048
Gaus Width: 3.7442
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch96, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 41.43
Std Dev 3.142
Gaus mean : 42.3001
Gaus Width: 3.0650
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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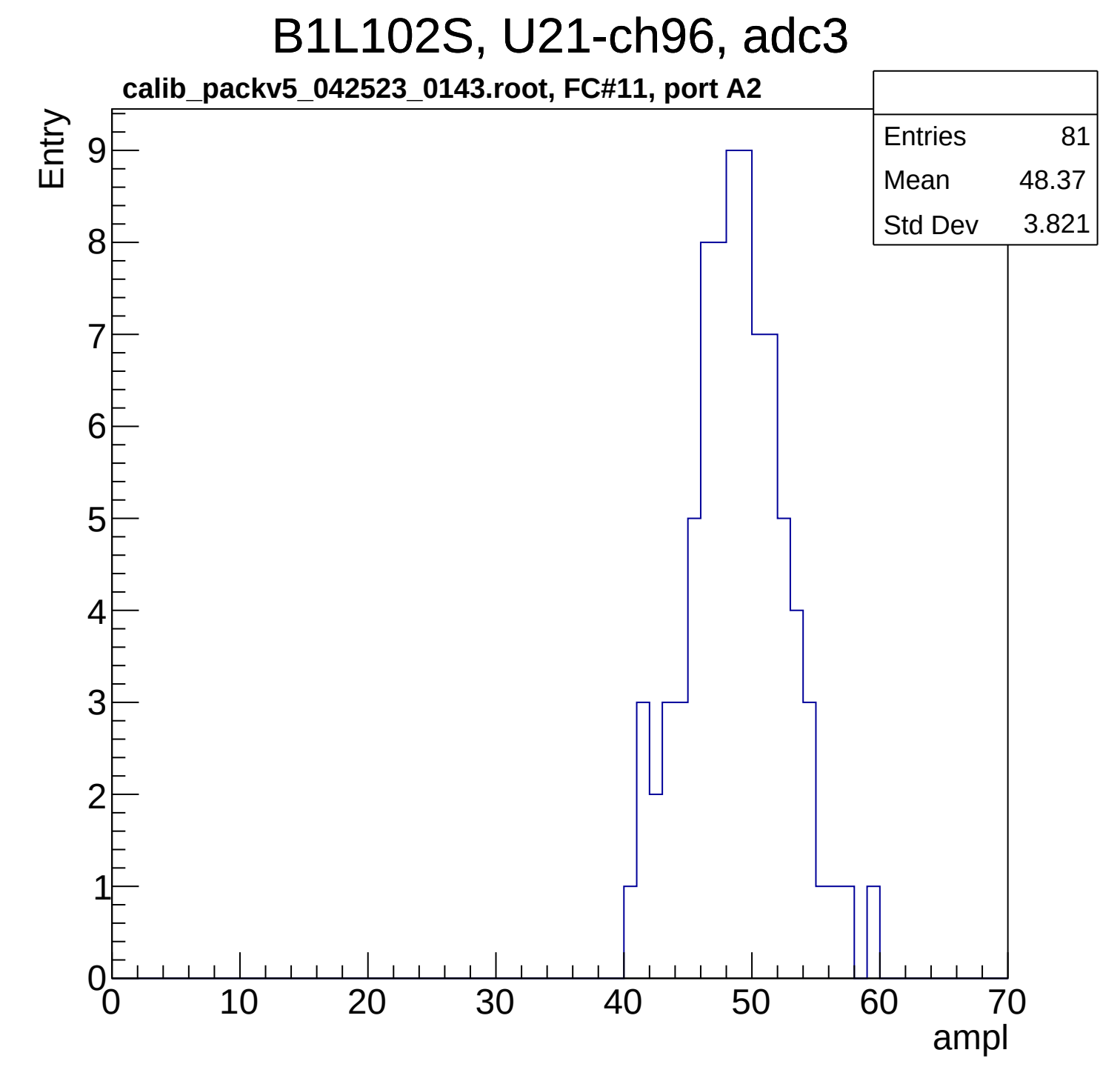
B1L102S, U21-ch96, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 81
Mean 48.37
Std Dev 3.821
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
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40
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60
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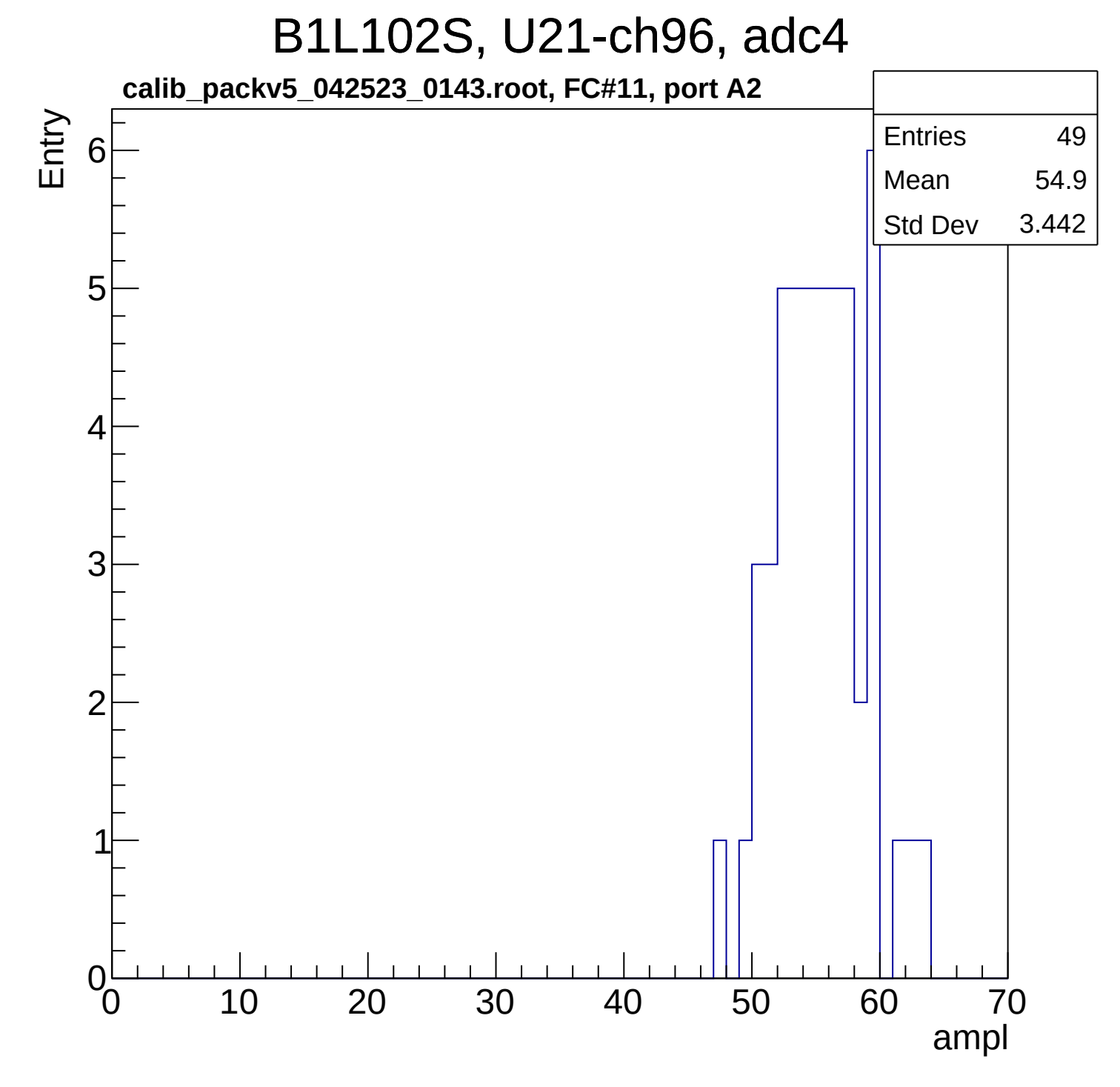
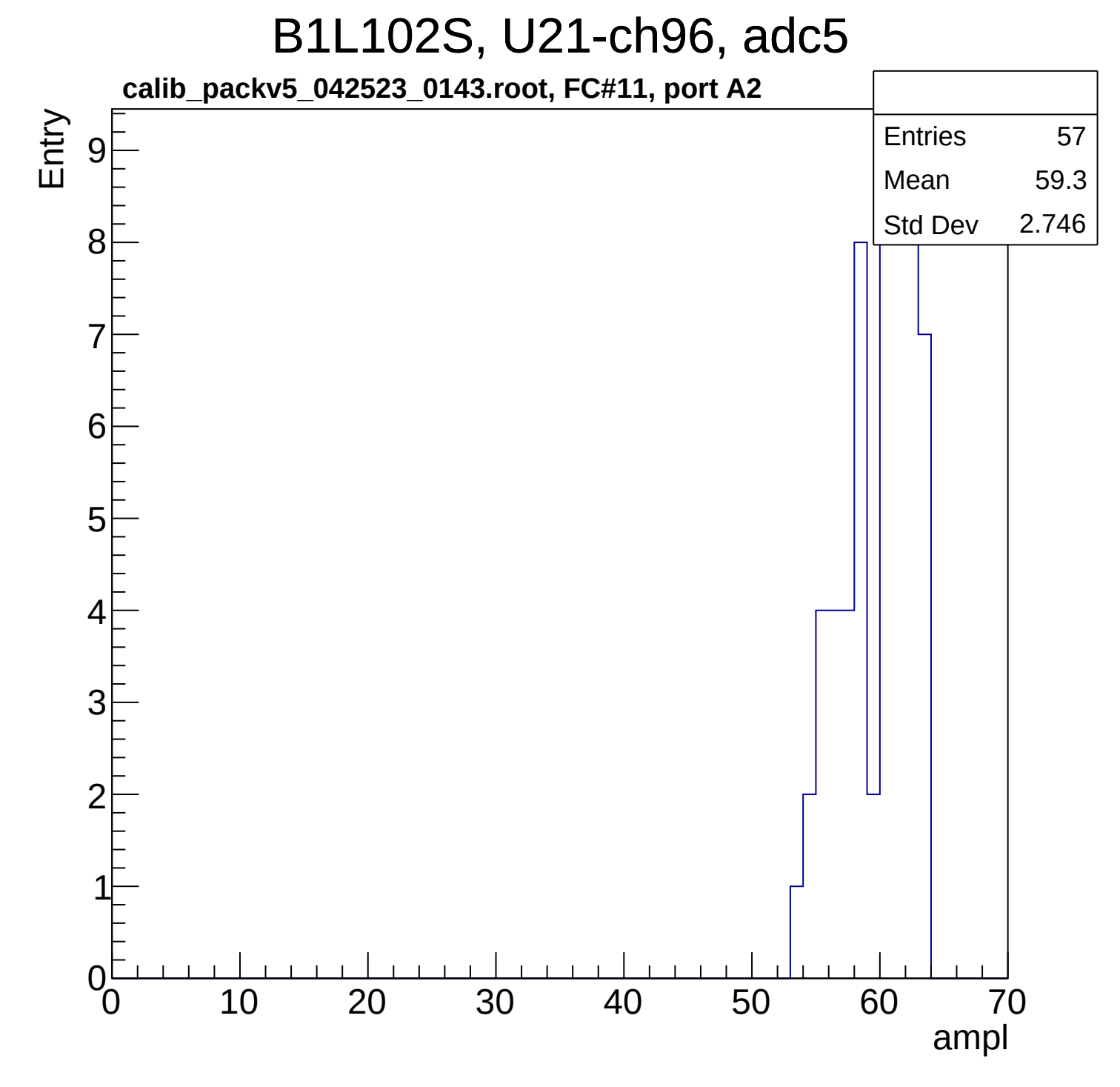

B1L102S, U21-ch96, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 54.9
Std Dev 3.442
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U21-ch96, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 59.3
Std Dev 2.746
Entry
ampl
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1
2
3
4
5
6
7
8
9
0
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40
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60
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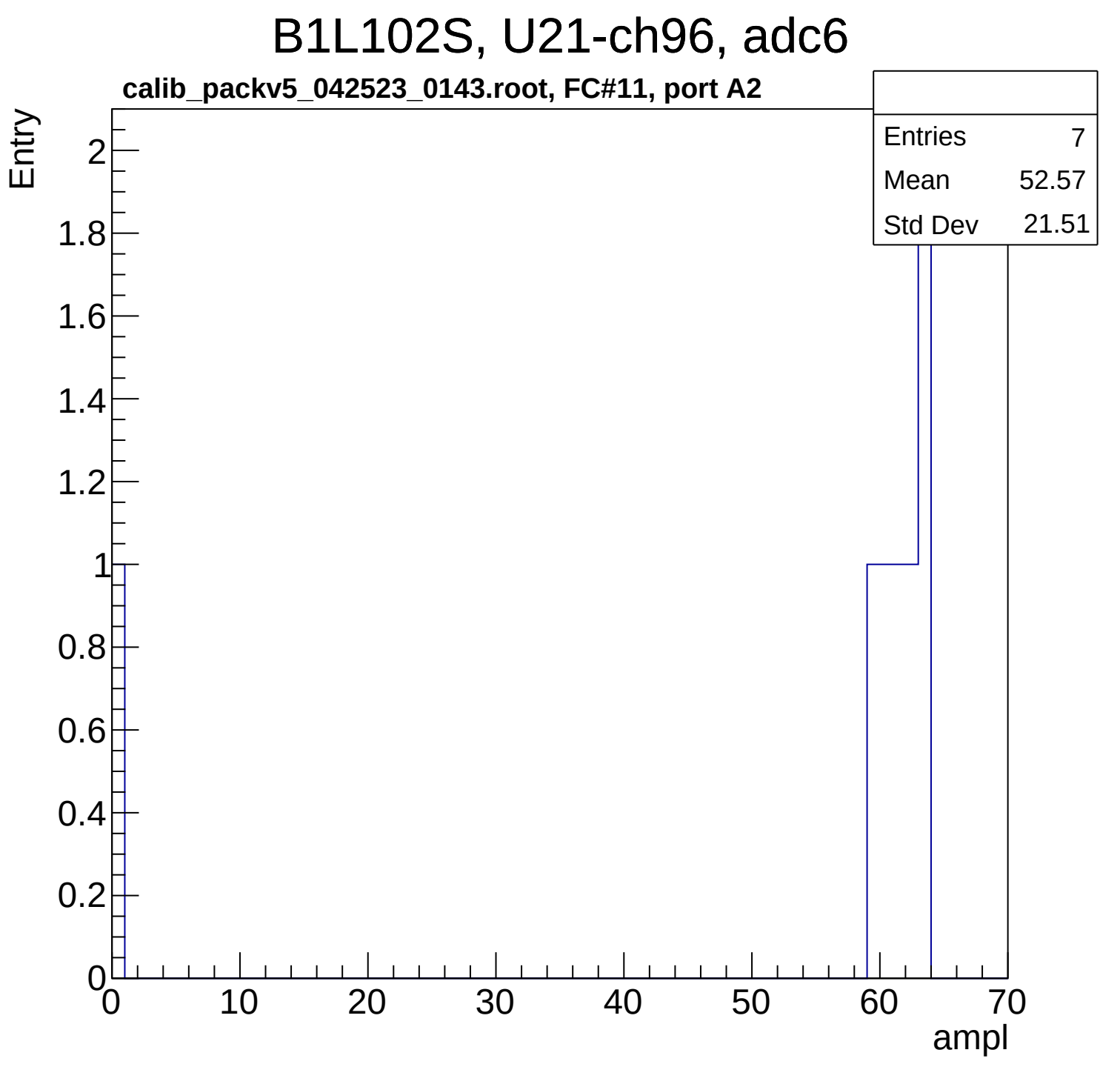
B1L102S, U21-ch96, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 7
Mean 52.57
Std Dev 21.51
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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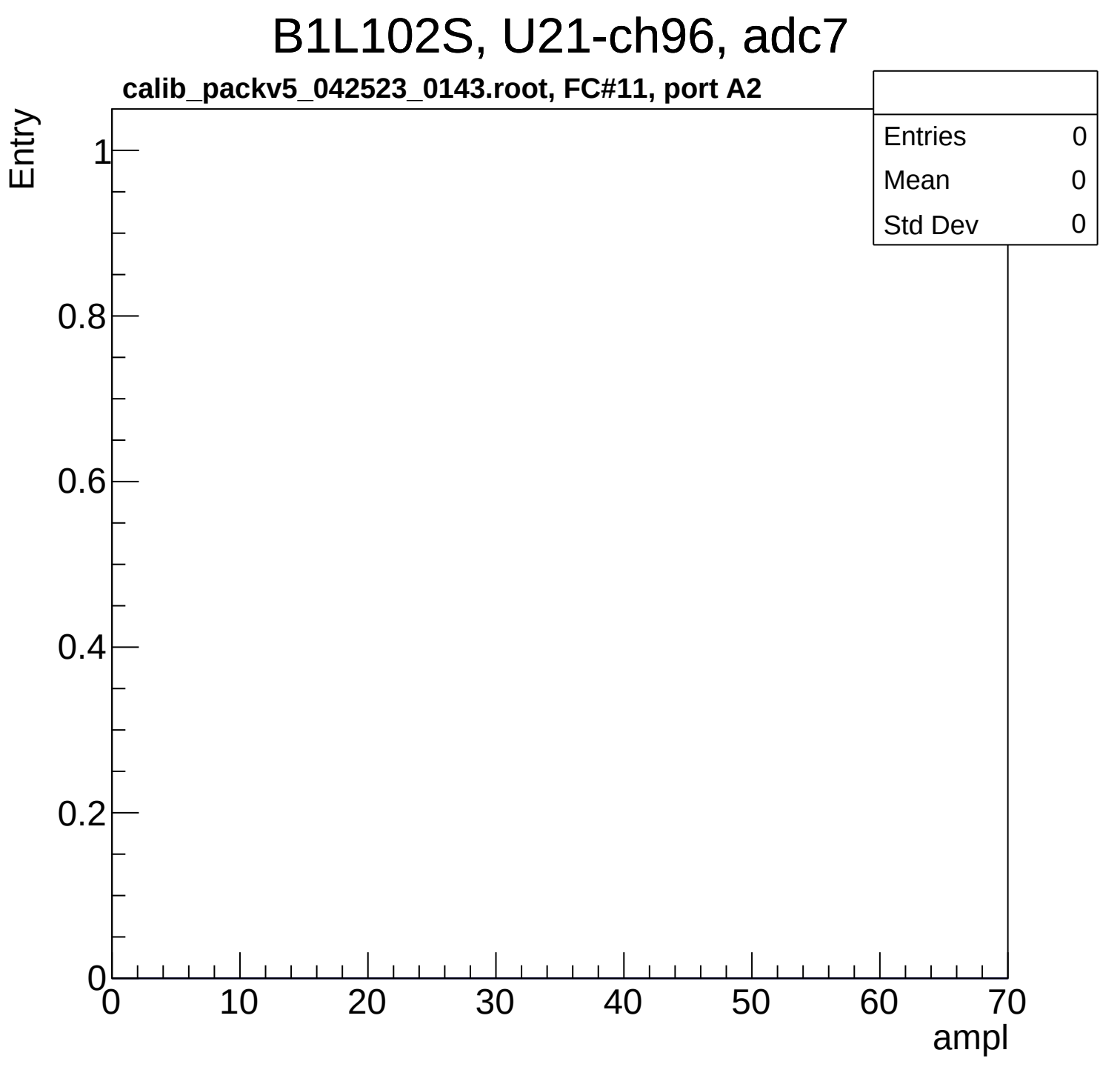
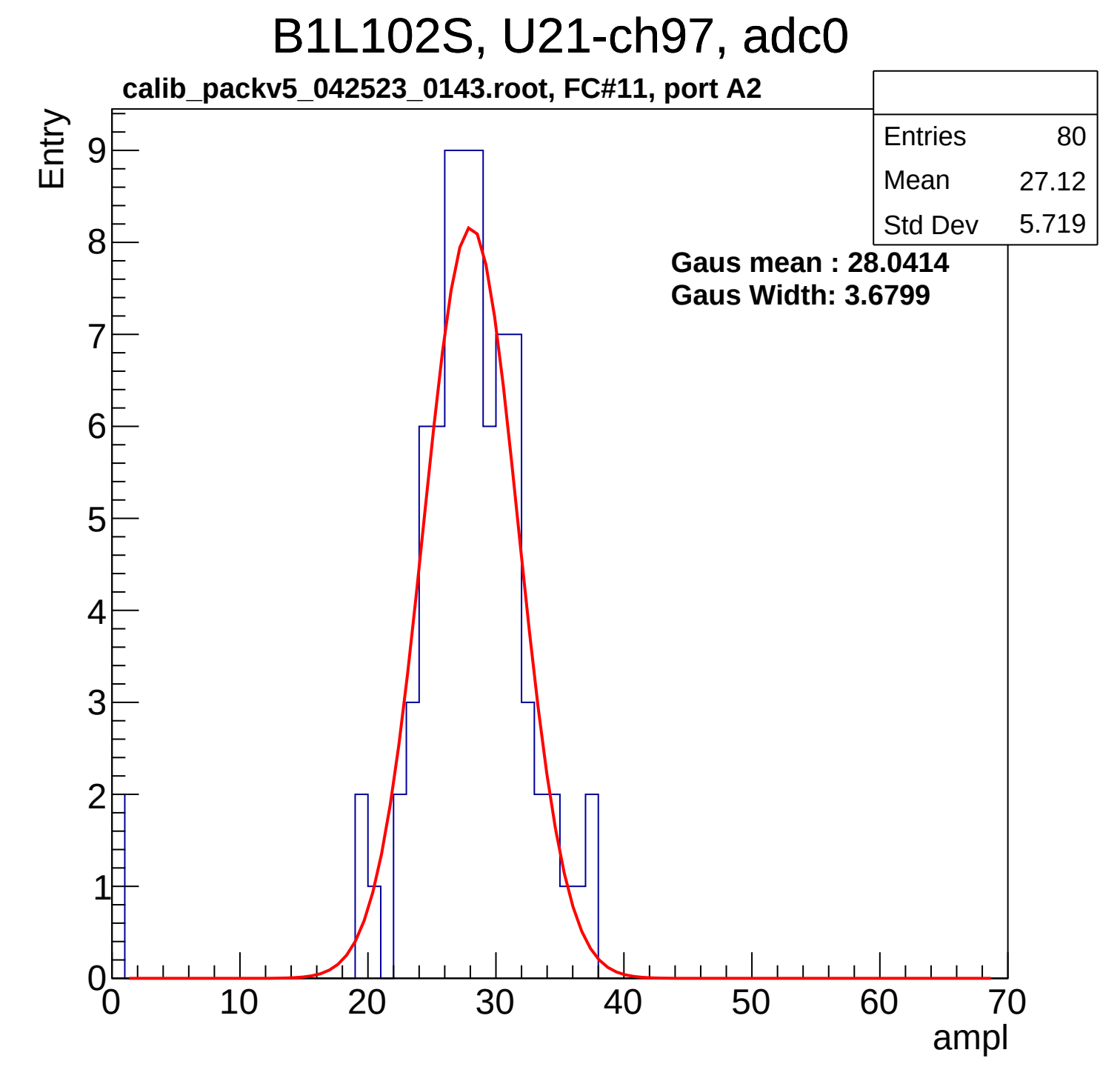
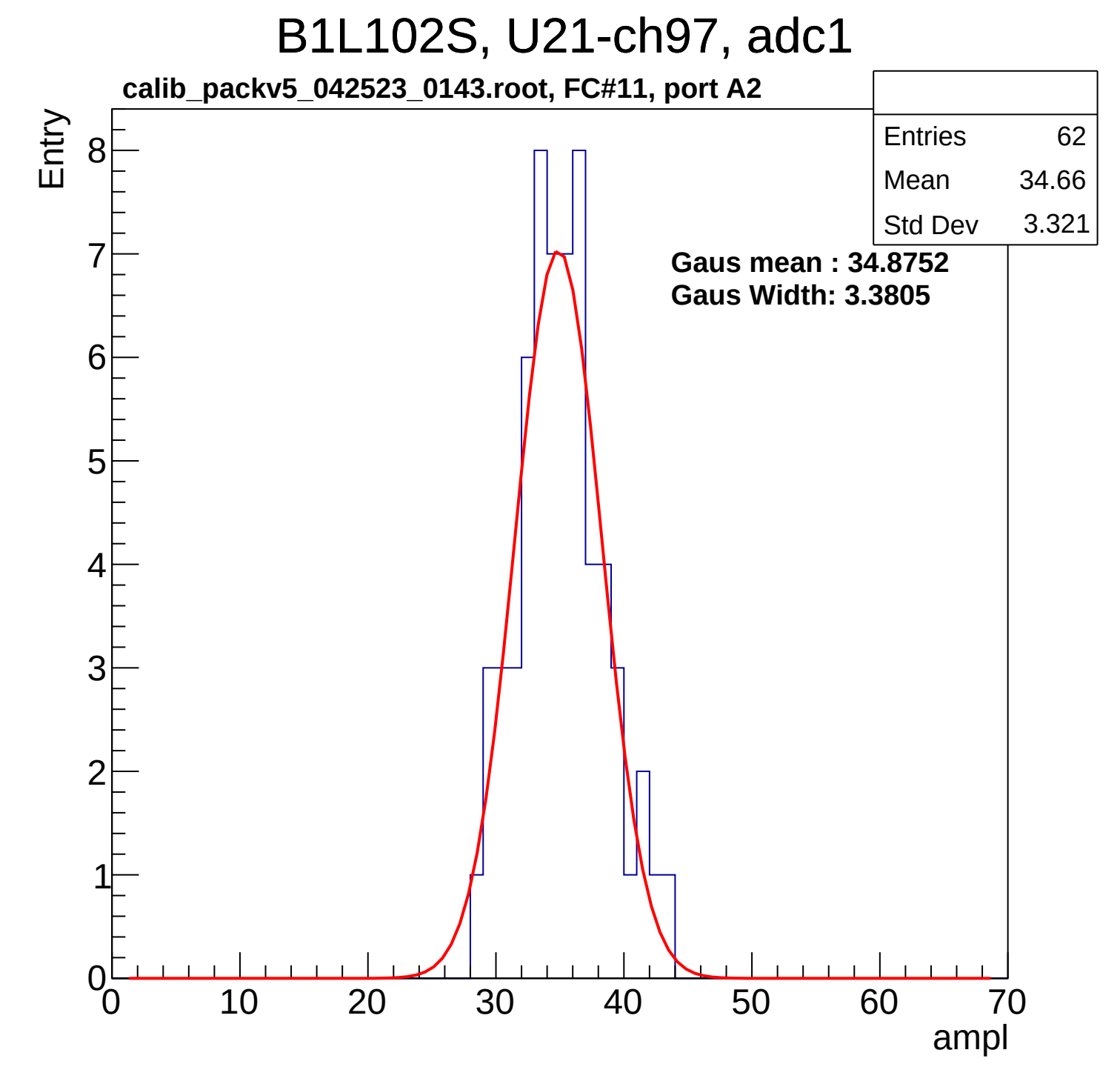
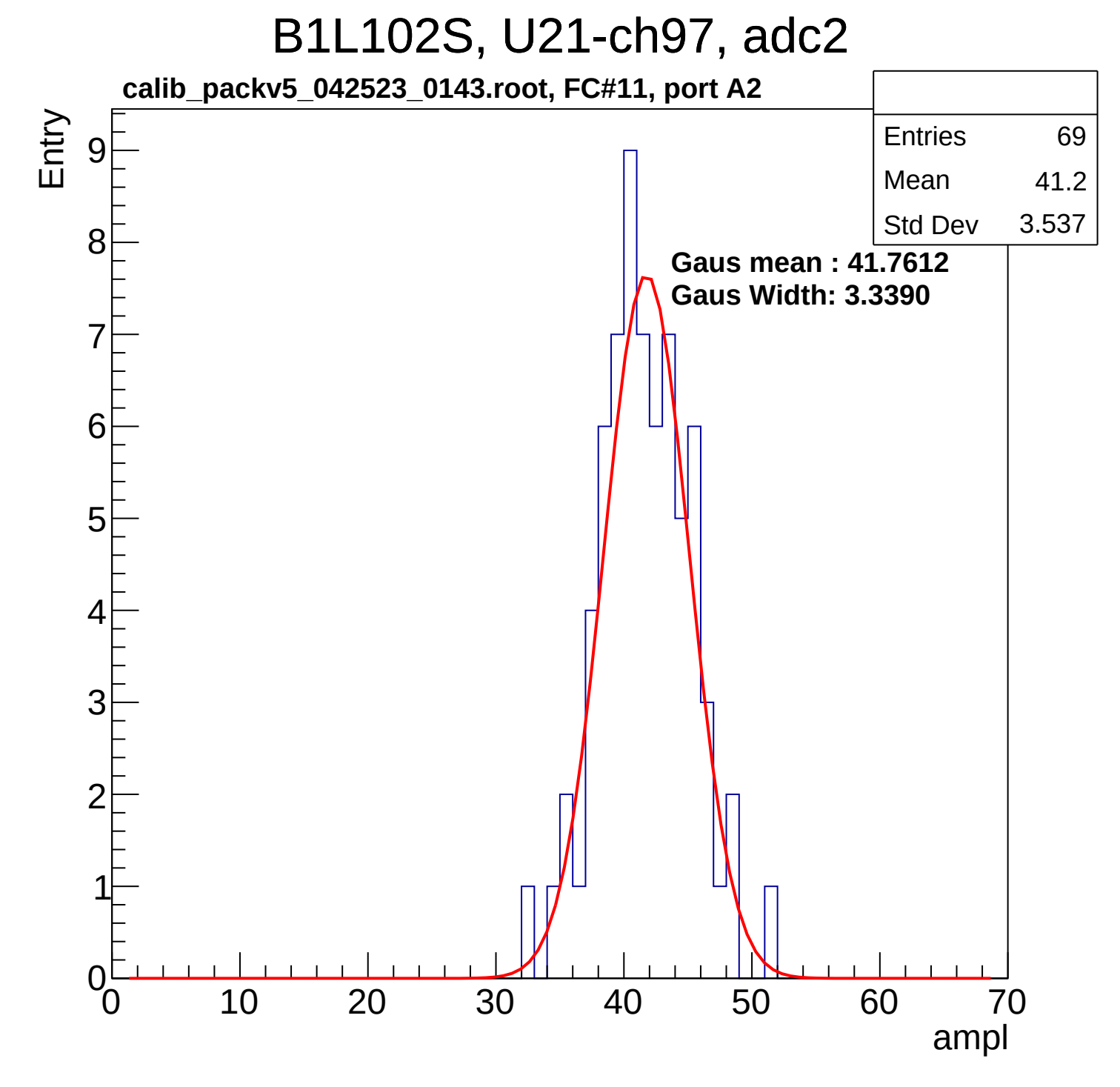

B1L102S, U21-ch96, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch97, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 80
Mean 27.12
Std Dev 5.719
Gaus mean : 28.0414
Gaus Width: 3.6799
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch97, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 34.66
Std Dev 3.321
Gaus mean : 34.8752
Gaus Width: 3.3805
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch97, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 41.2
Std Dev 3.537
Gaus mean : 41.7612
Gaus Width: 3.3390
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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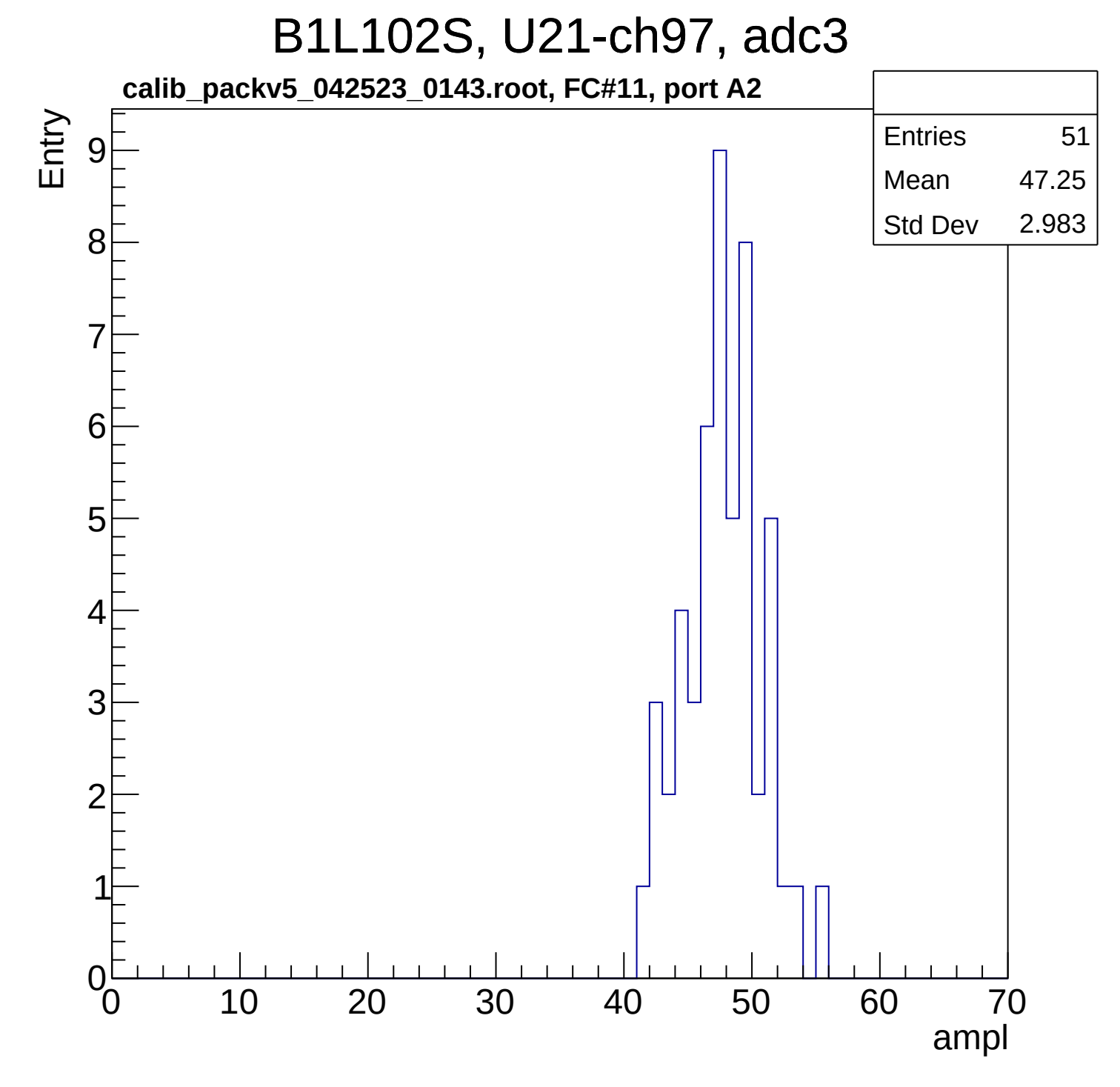
B1L102S, U21-ch97, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 47.25
Std Dev 2.983
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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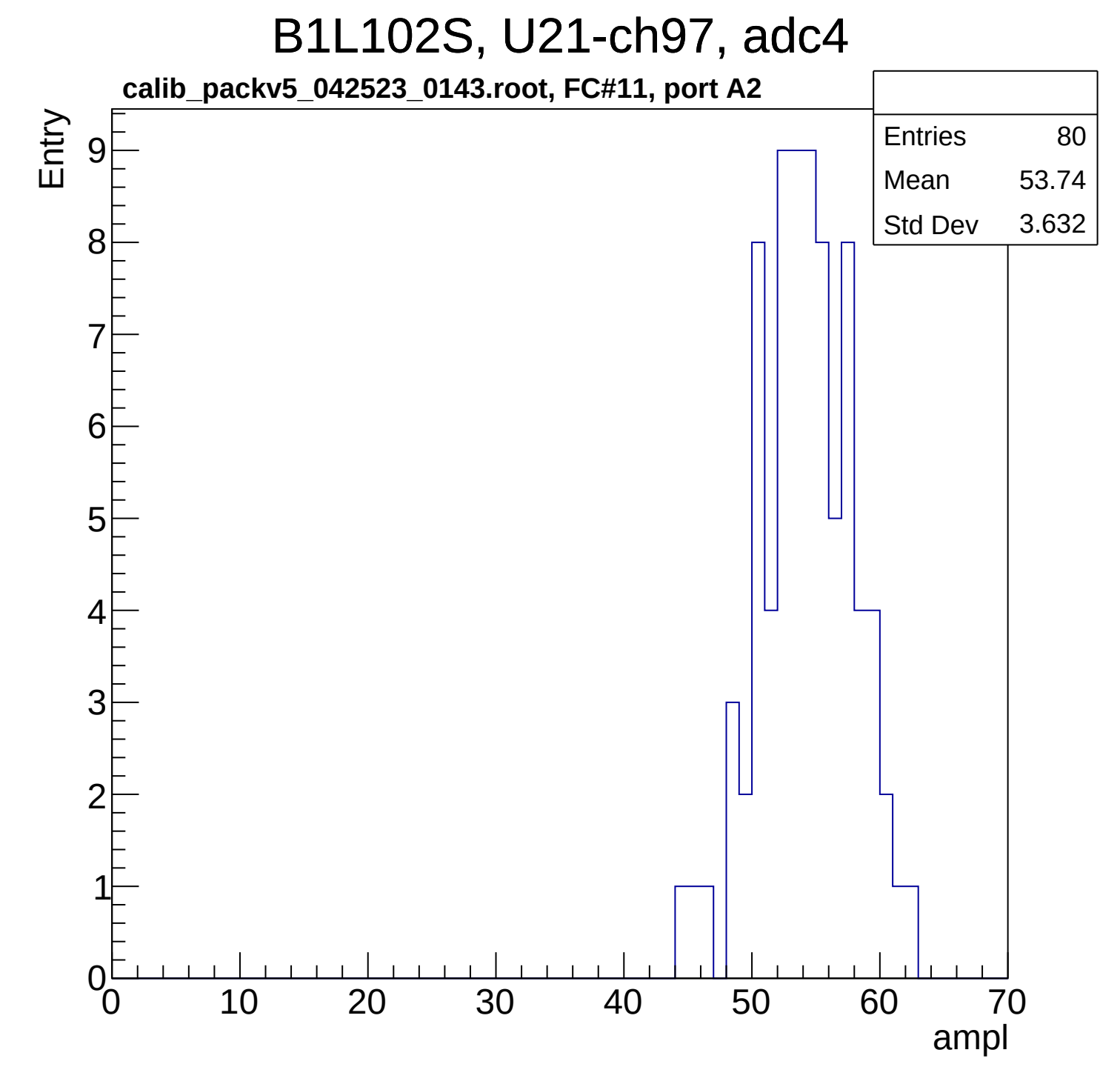
B1L102S, U21-ch97, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 80
Mean 53.74
Std Dev 3.632
Entry
ampl
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2
3
4
5
6
7
8
9
0
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20
30
40
50
60
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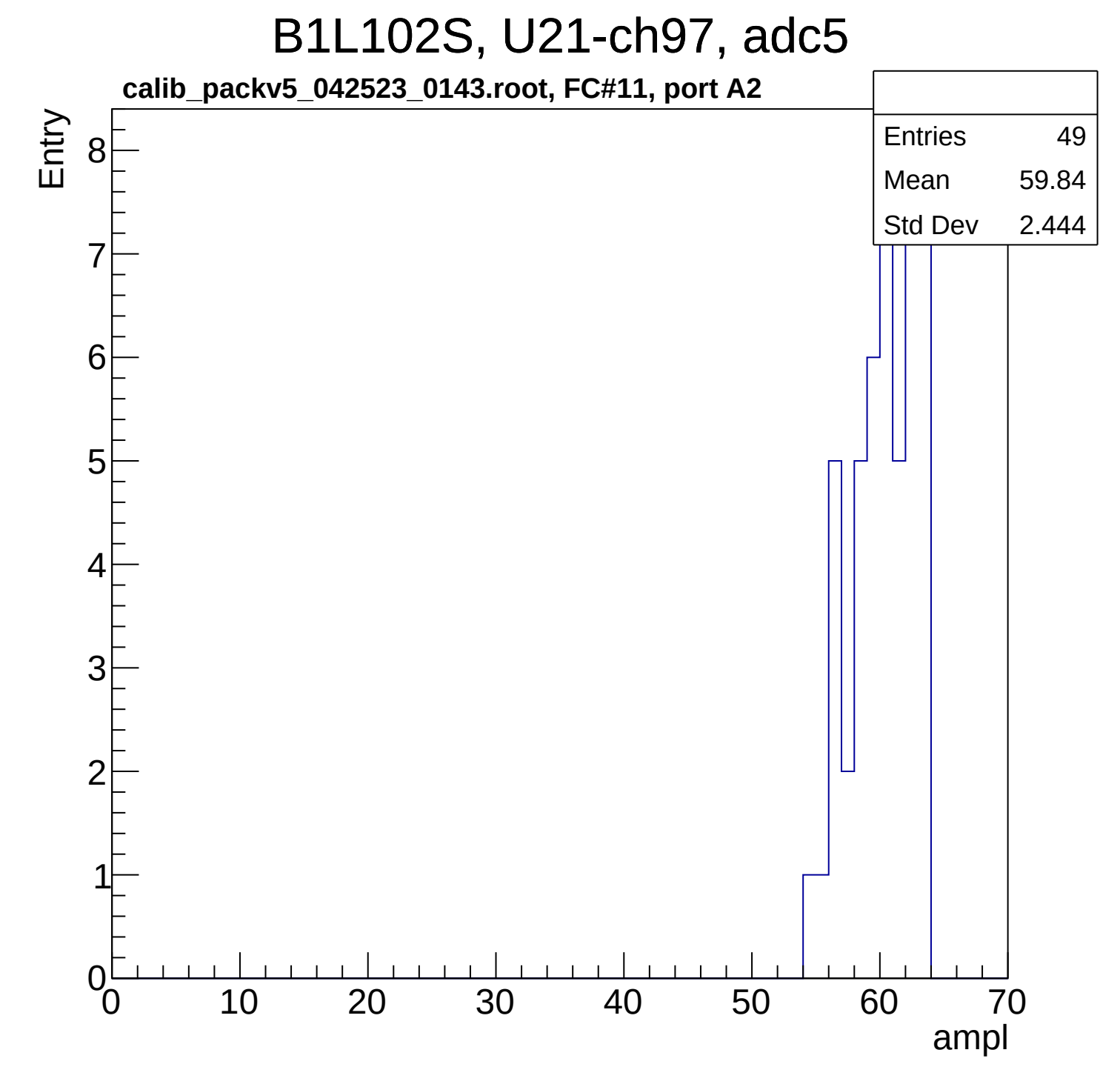
B1L102S, U21-ch97, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 59.84
Std Dev 2.444
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
30
40
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60
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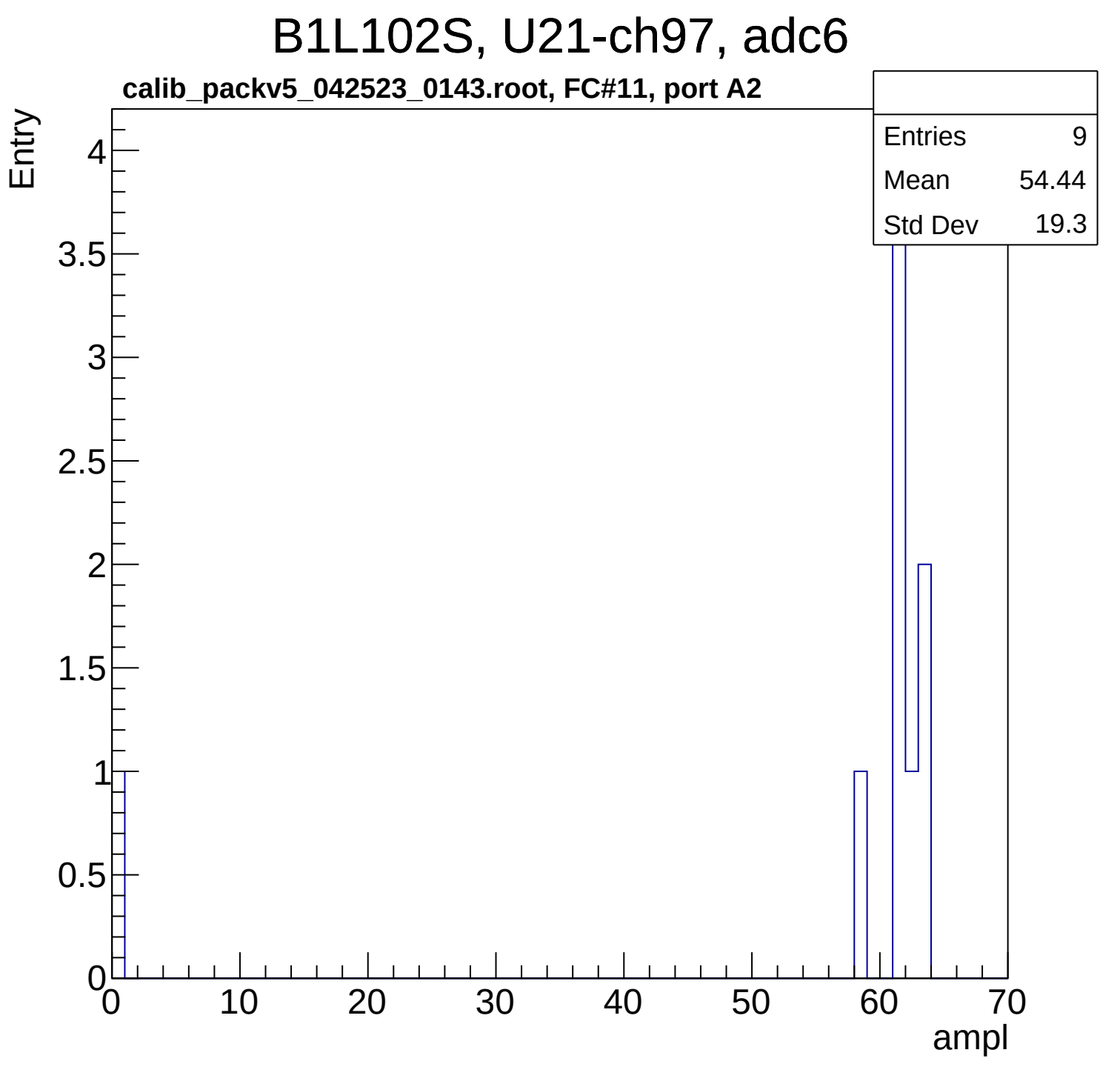
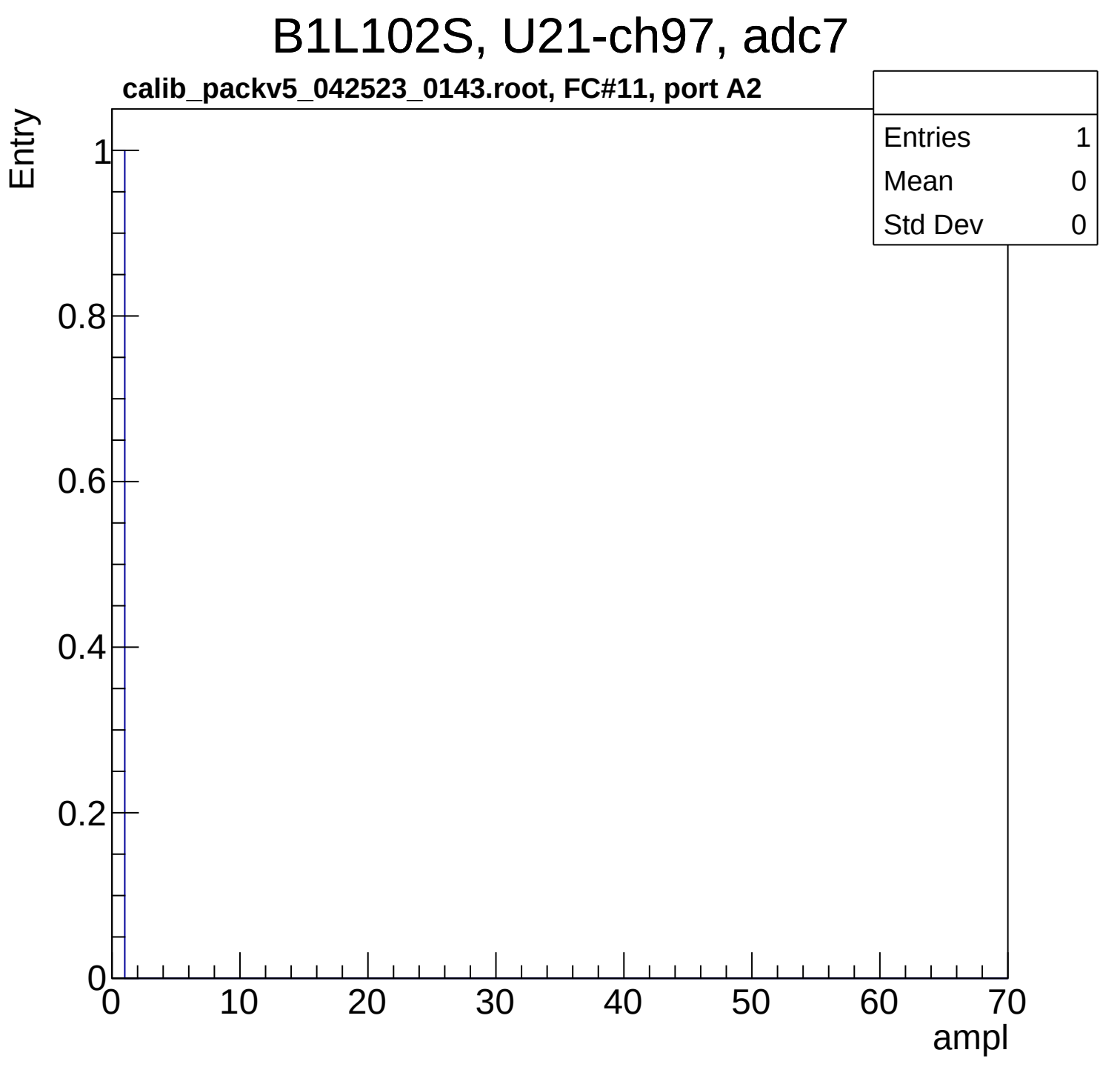
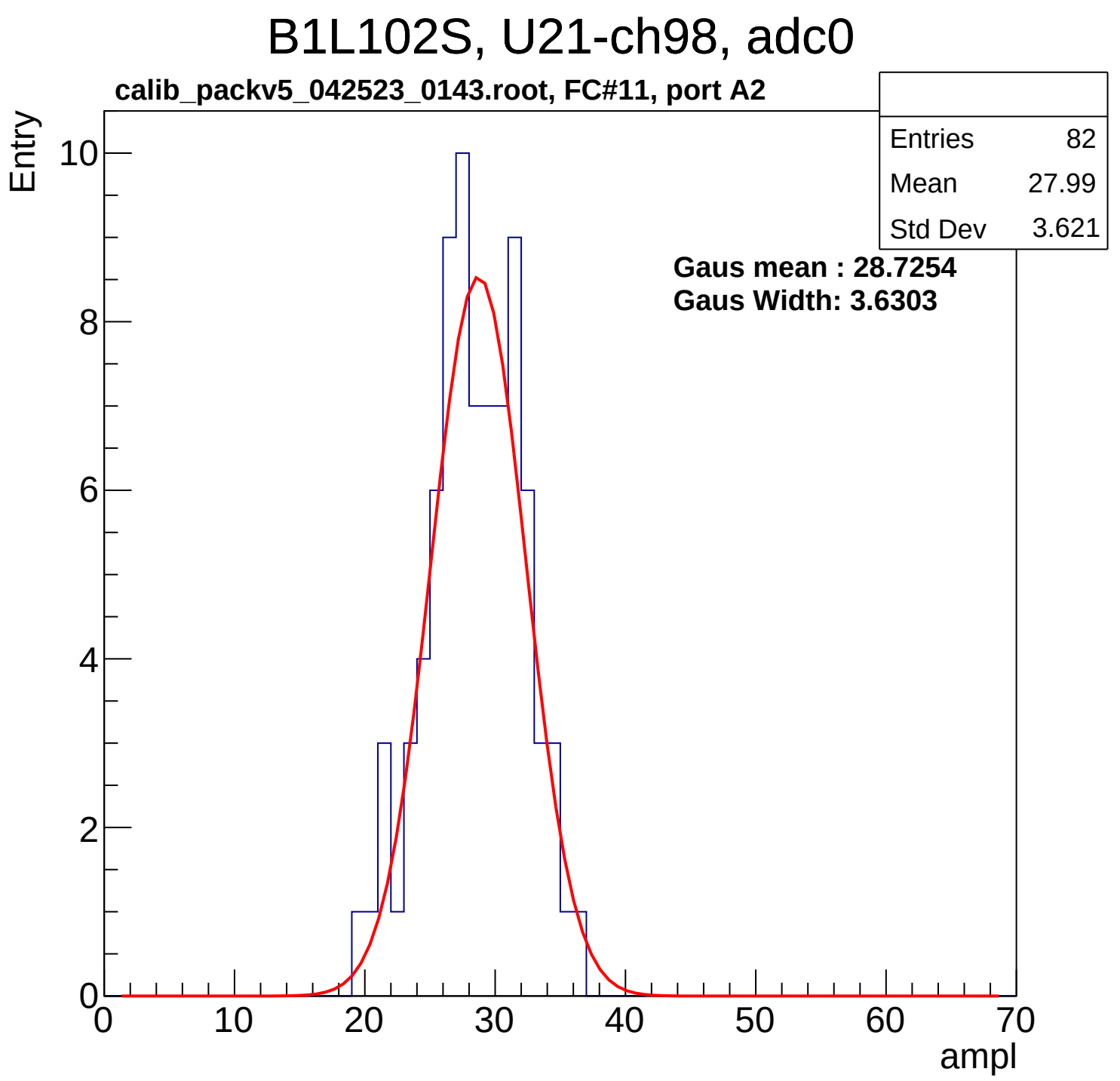
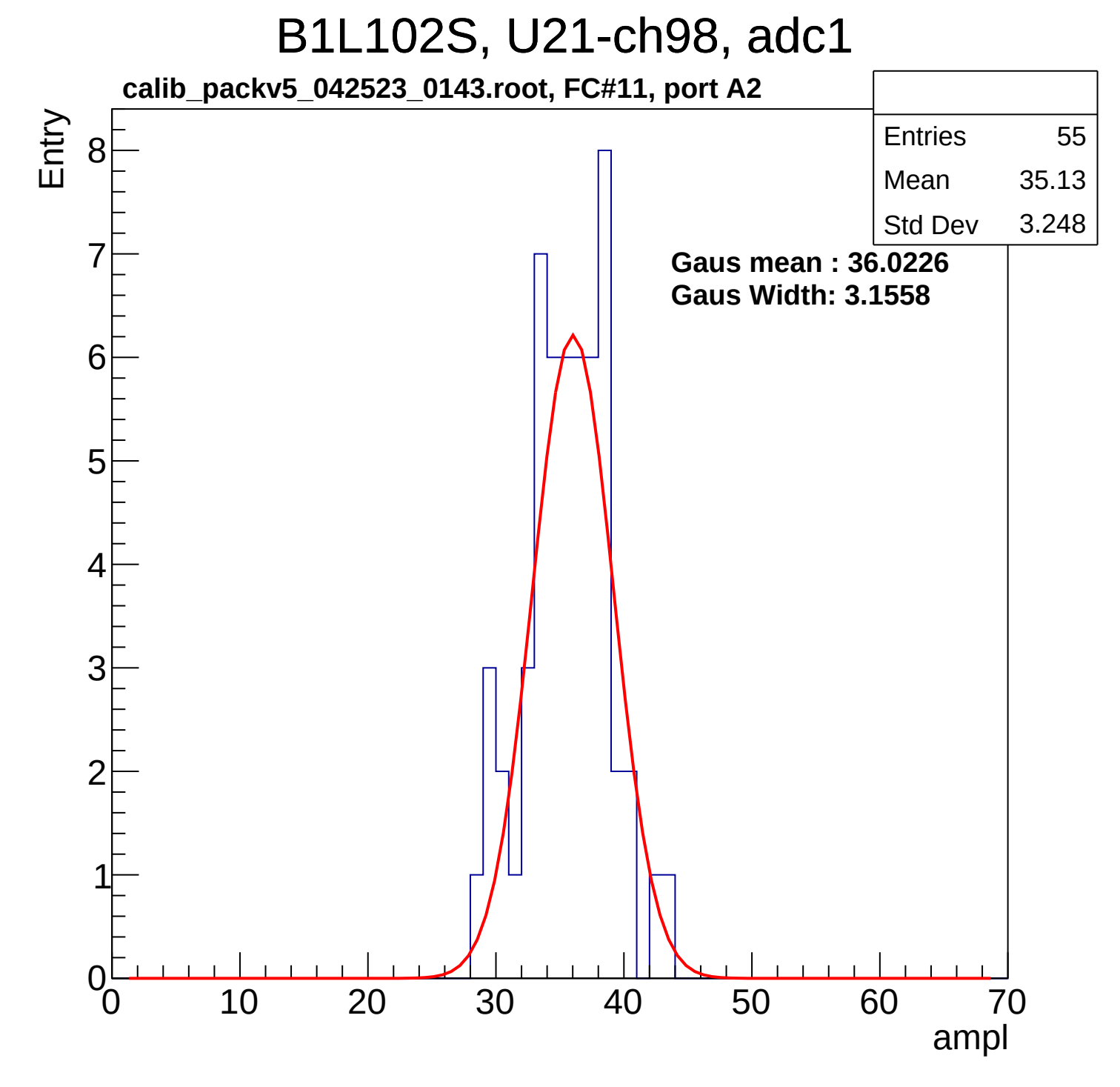

B1L102S, U21-ch97, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 9
Mean 54.44
Std Dev 19.3
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L102S, U21-ch97, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch98, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 82
Mean 27.99
Std Dev 3.621
Gaus mean : 28.7254
Gaus Width: 3.6303
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch98, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 35.13
Std Dev 3.248
Gaus mean : 36.0226
Gaus Width: 3.1558
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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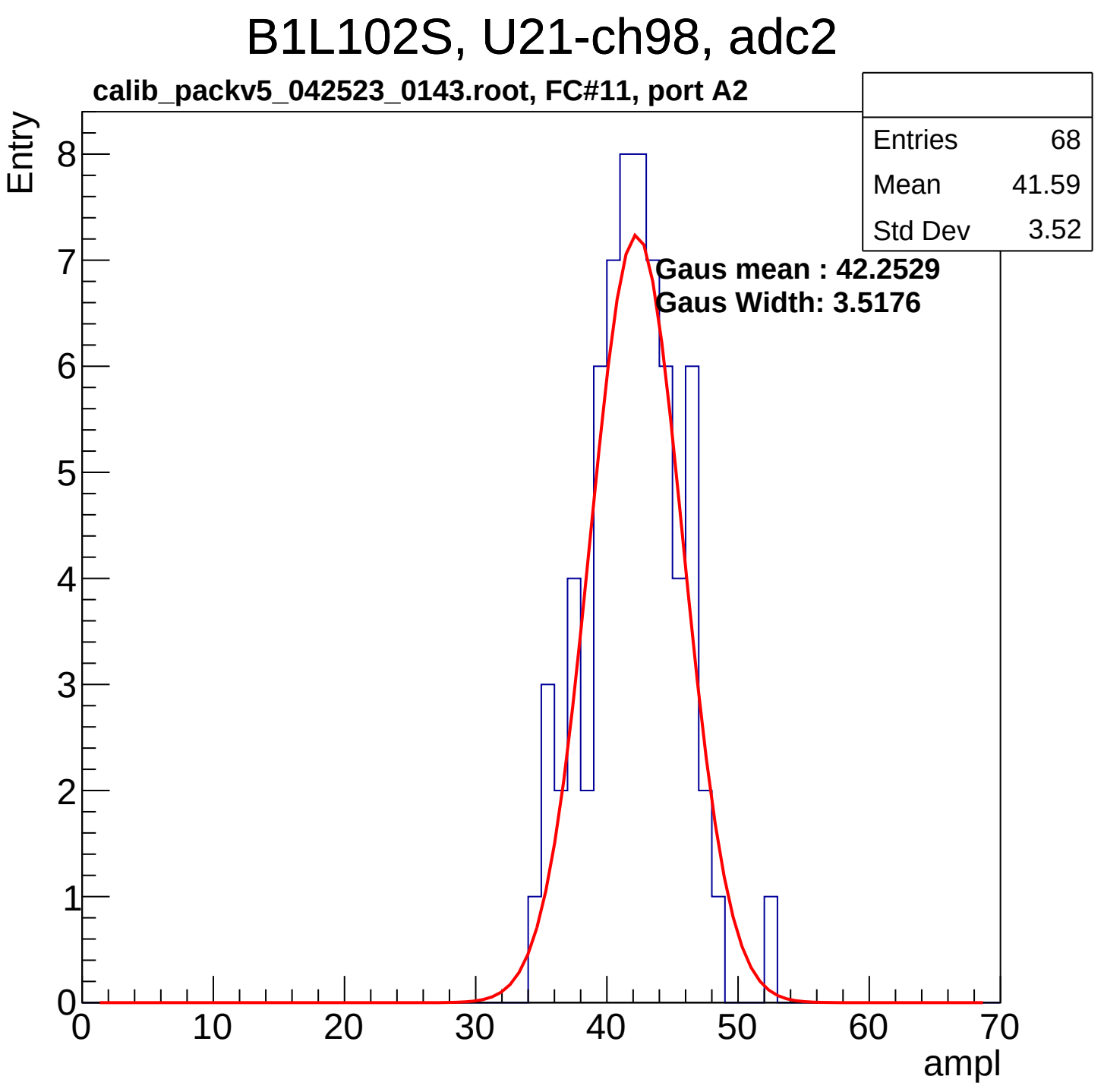
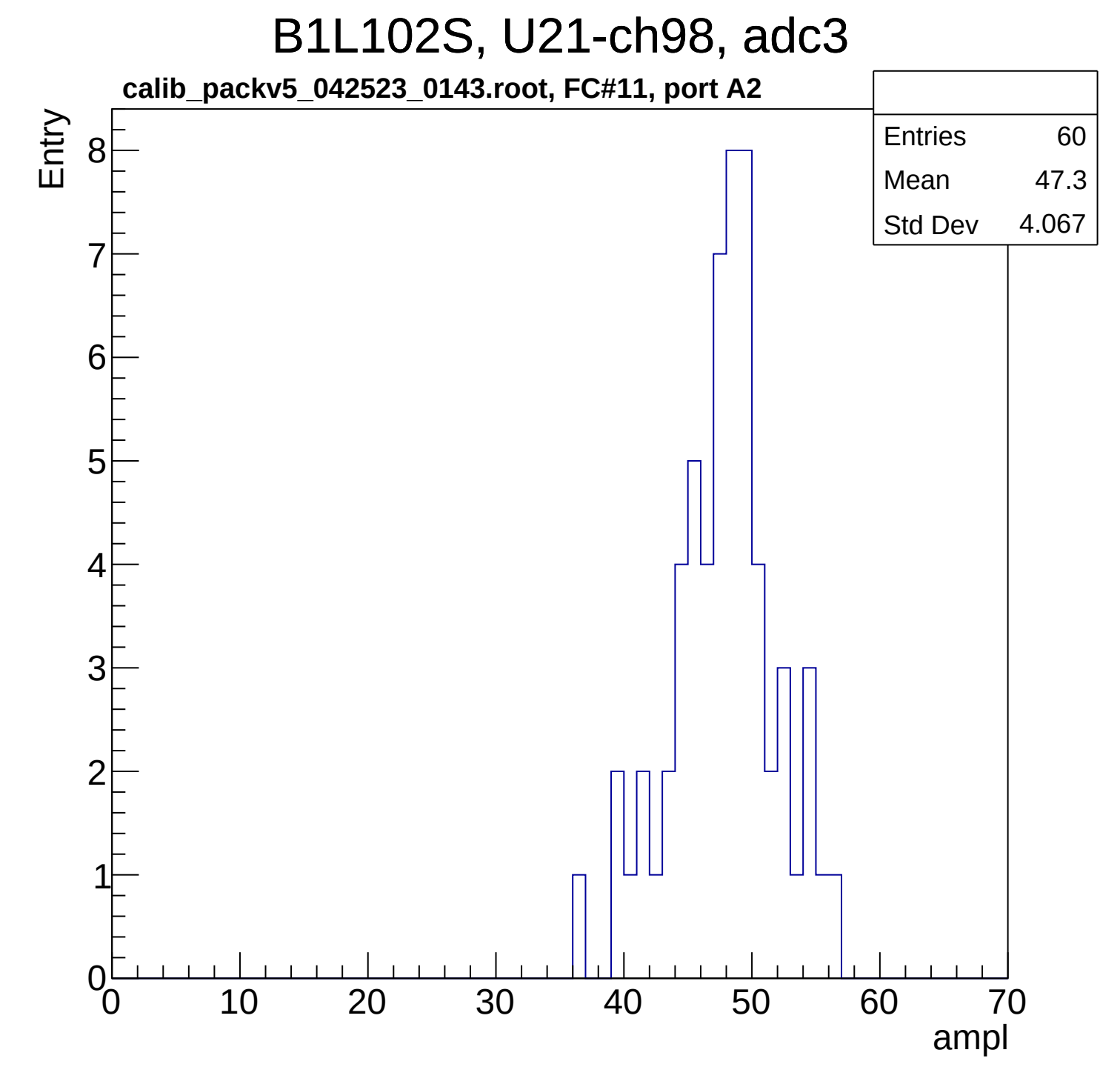

B1L102S, U21-ch98, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 41.59
Std Dev 3.52
Gaus mean : 42.2529
Gaus Width: 3.5176
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch98, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 47.3
Std Dev 4.067
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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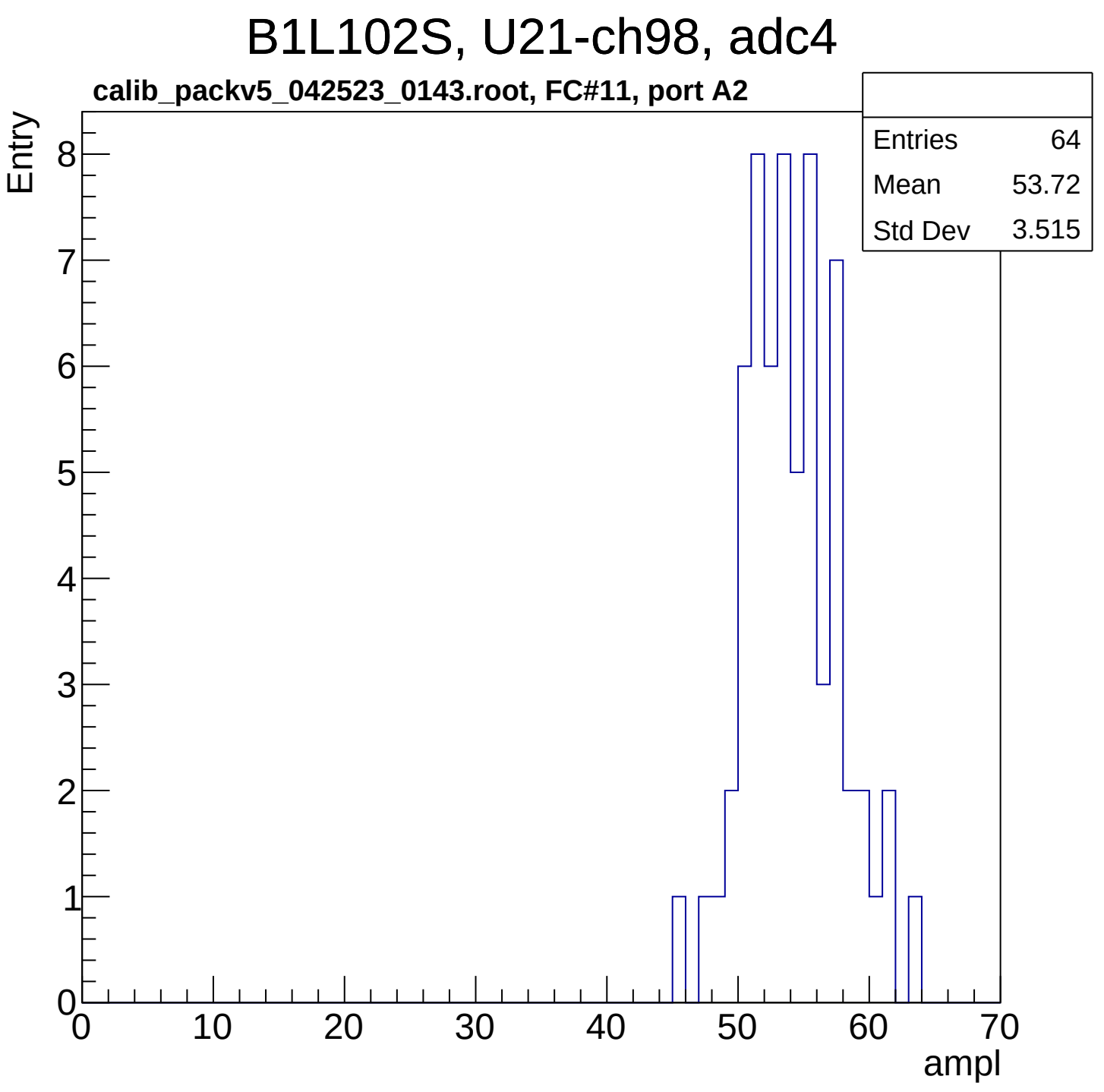
B1L102S, U21-ch98, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 53.72
Std Dev 3.515
Entry
ampl
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2
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4
5
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7
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0
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20
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40
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60
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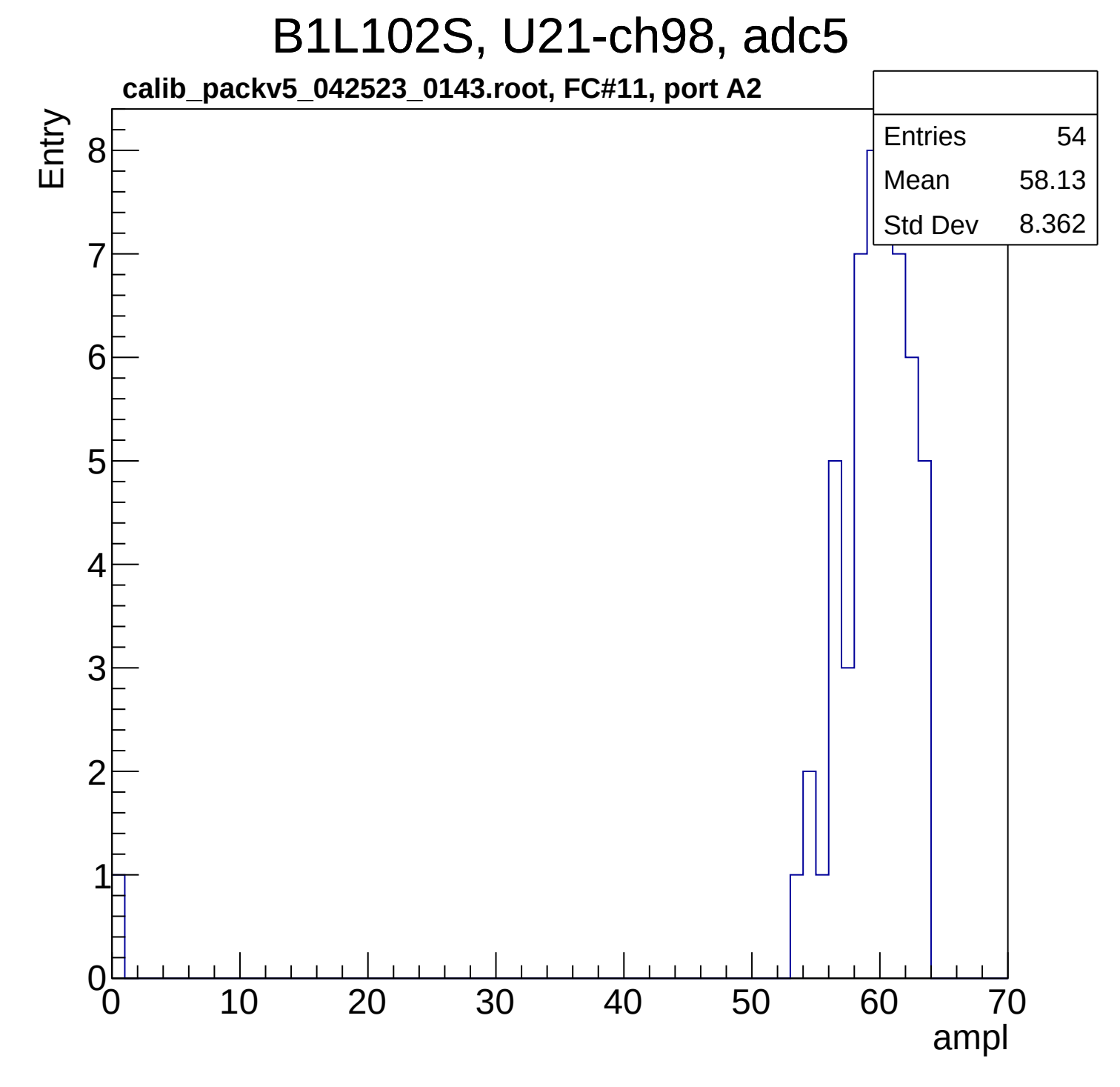
B1L102S, U21-ch98, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 58.13
Std Dev 8.362
Entry
ampl
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4
5
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0
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40
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60
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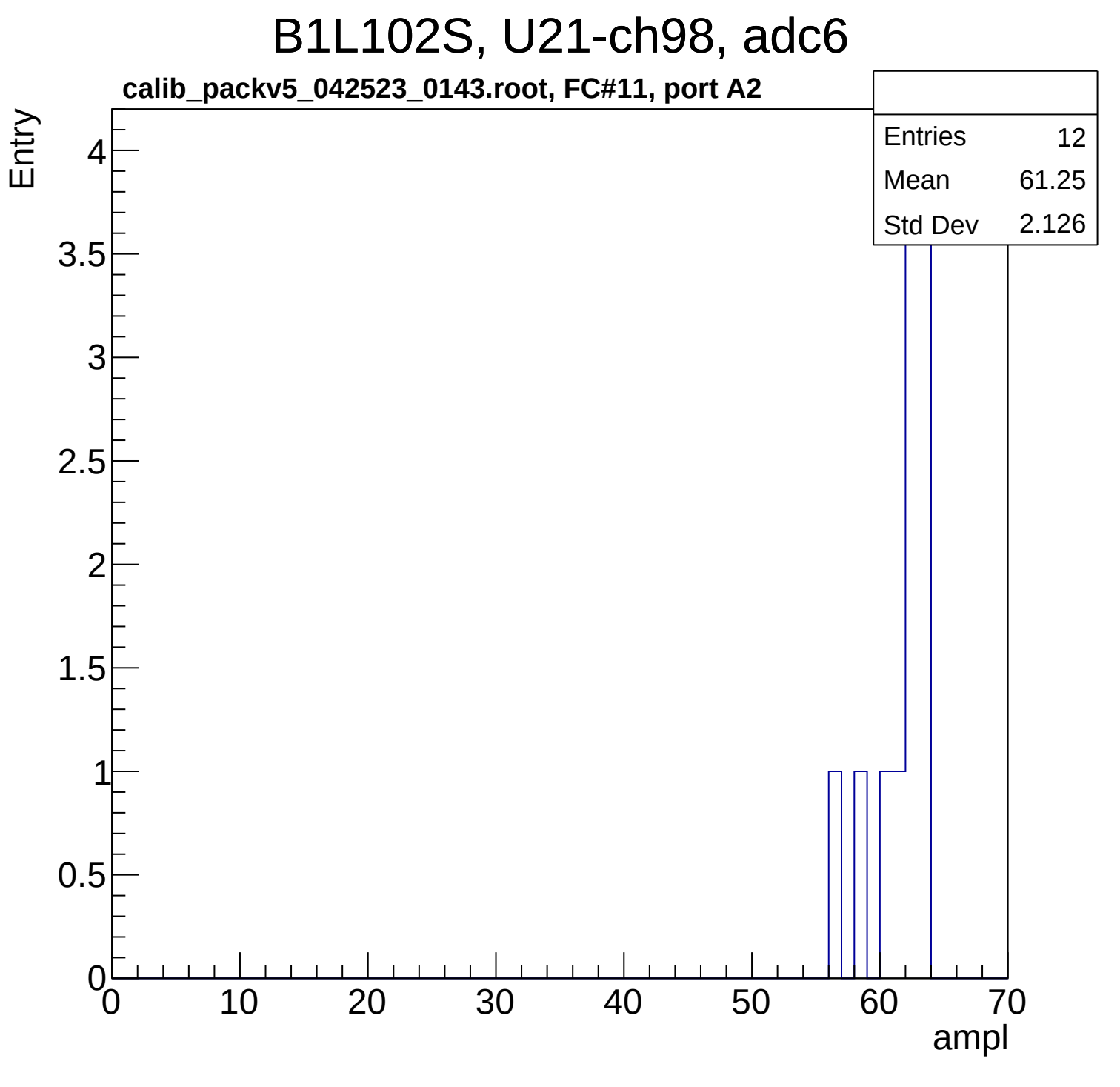
B1L102S, U21-ch98, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 12
Mean 61.25
Std Dev 2.126
Entry
ampl
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1.5
2
2.5
3
3.5
4
0
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20
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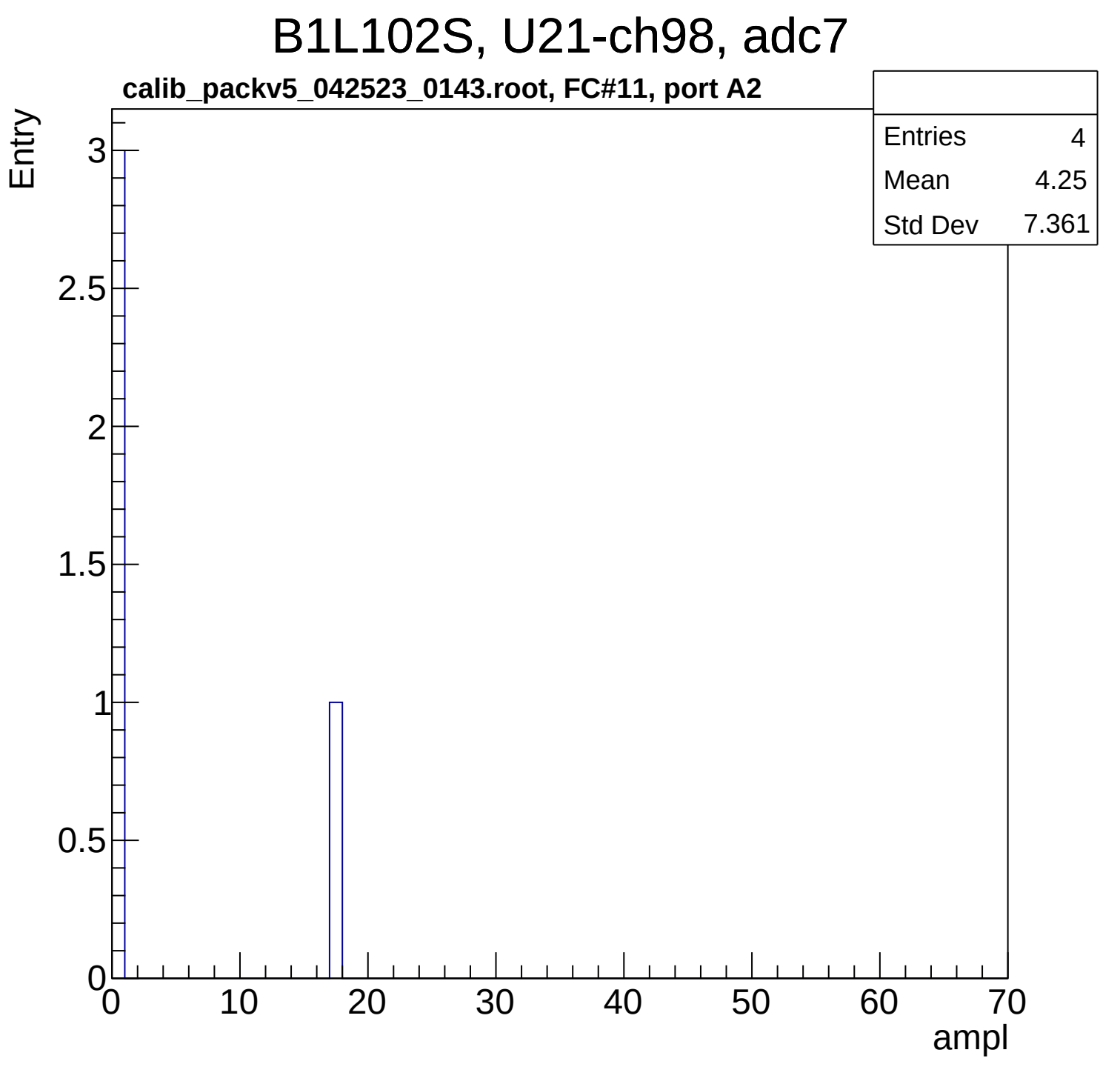
50
60
70


B1L102S, U21-ch98, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 4.25
Std Dev 7.361
Entry
ampl
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0.5
1
1.5
2
2.5
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0
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60
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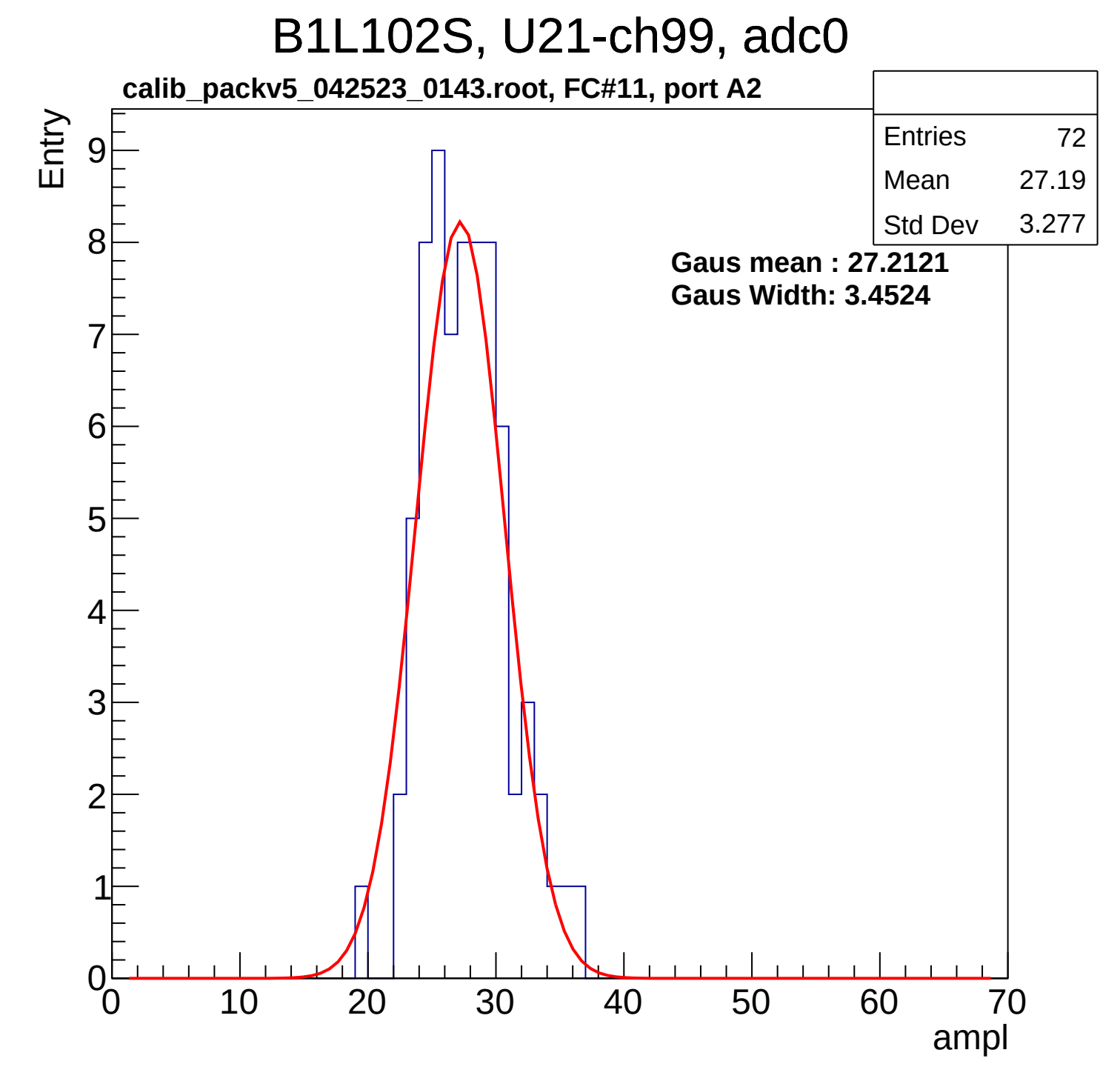
B1L102S, U21-ch99, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 27.19
Std Dev 3.277
Gaus mean : 27.2121
Gaus Width: 3.4524
Entry
ampl
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2
3
4
5
6
7
8
9
0
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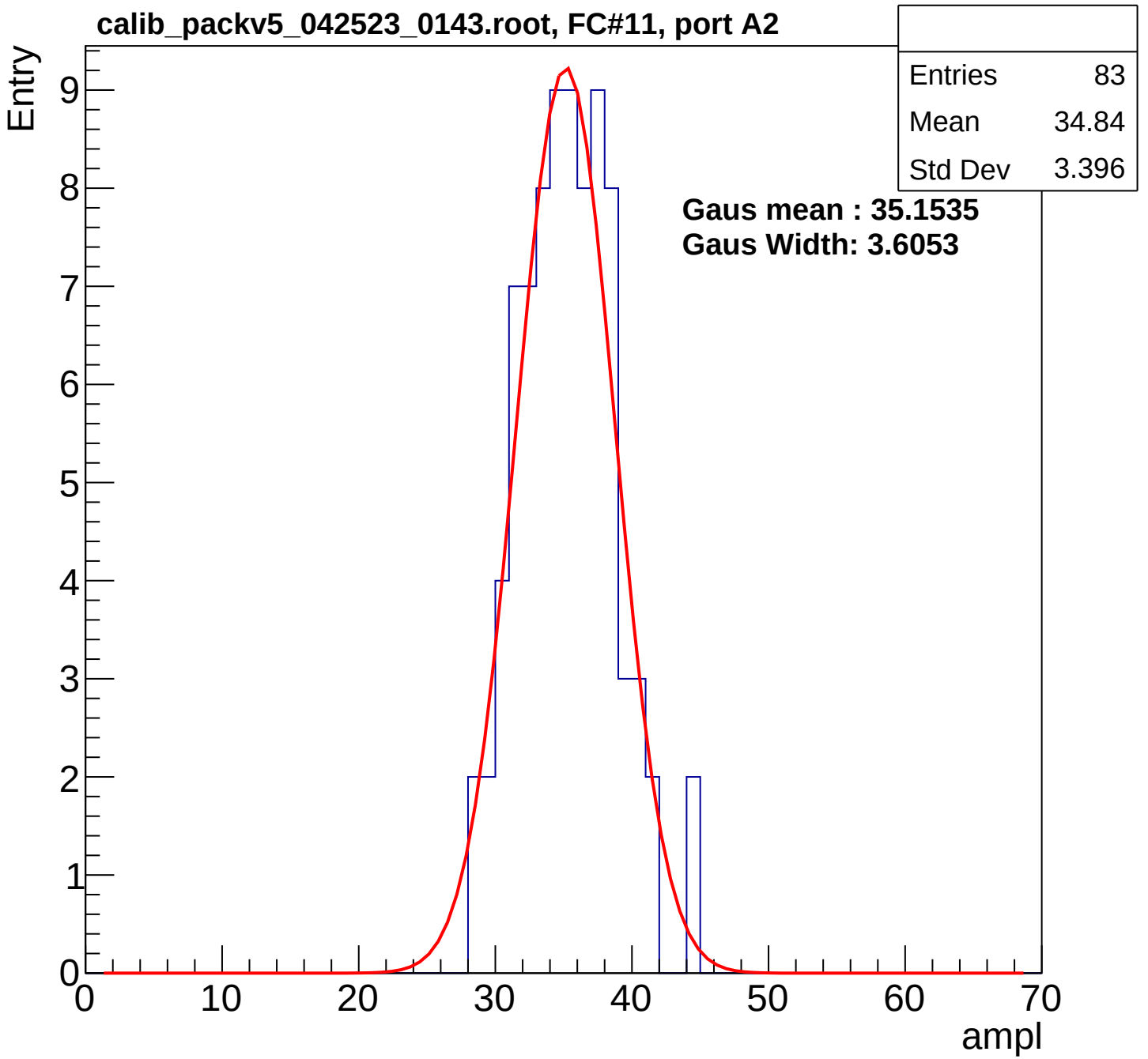
20
30
40
50
60
70


B1L102S, U21-ch99, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 83
Mean 34.84
Std Dev 3.396
Gaus mean : 35.1535
Gaus Width: 3.6053
Entry
ampl
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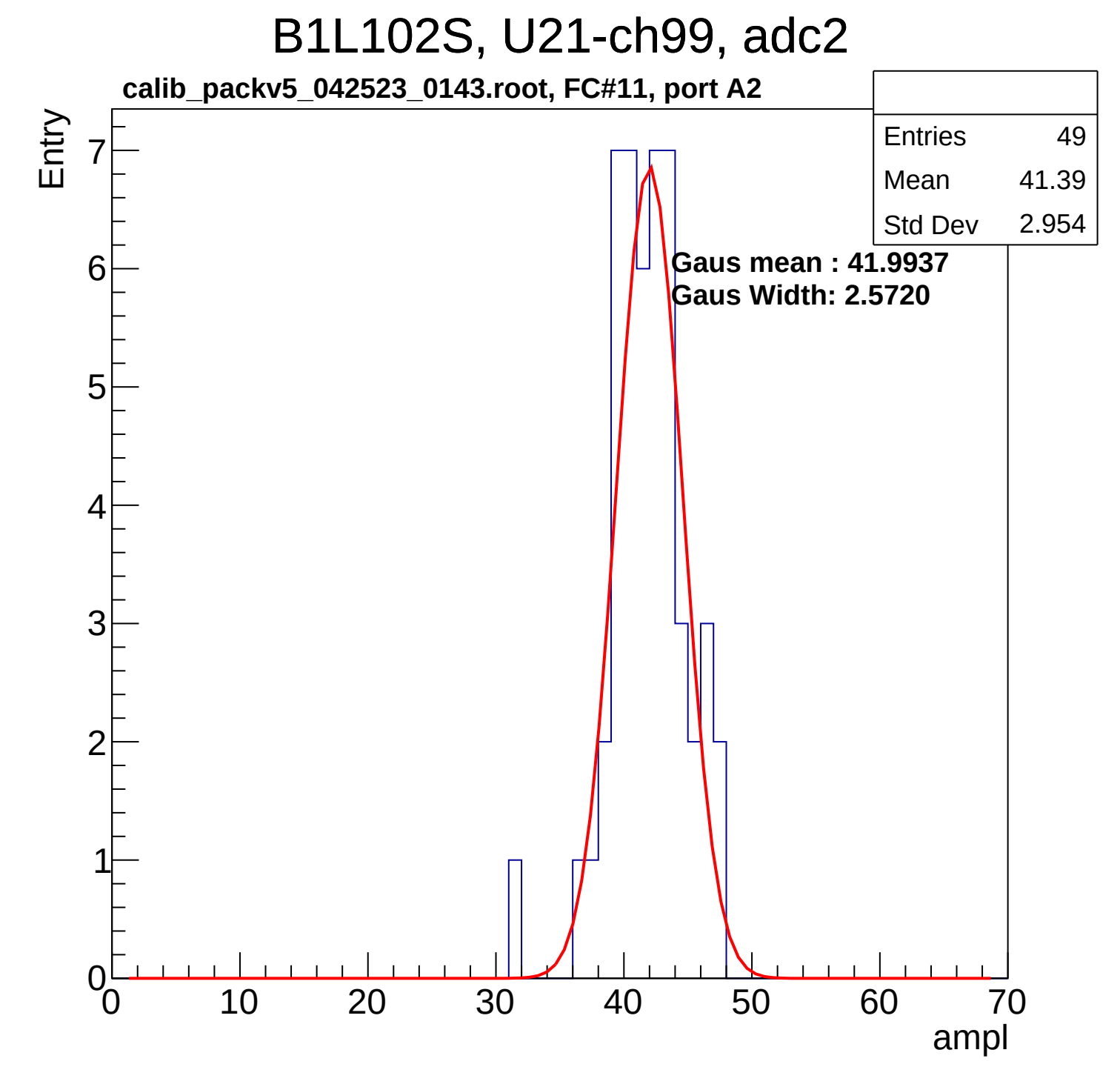
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch99, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 41.39
Std Dev 2.954
Gaus mean : 41.9937
Gaus Width: 2.5720
Entry
ampl
0
1
2
3
4
5
6
7
0
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60
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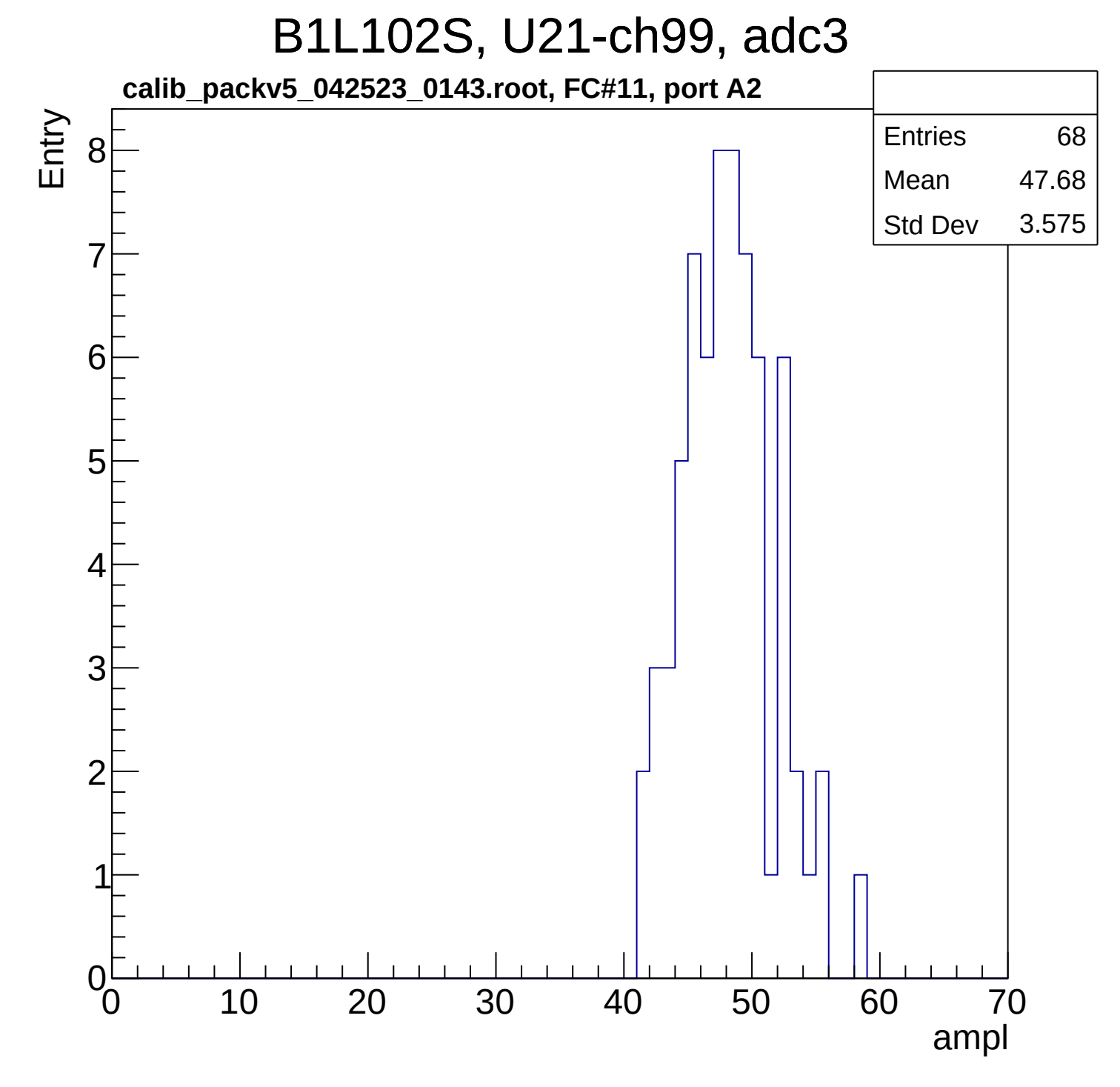
B1L102S, U21-ch99, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 47.68
Std Dev 3.575
Entry
ampl
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2
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4
5
6
7
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0
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60
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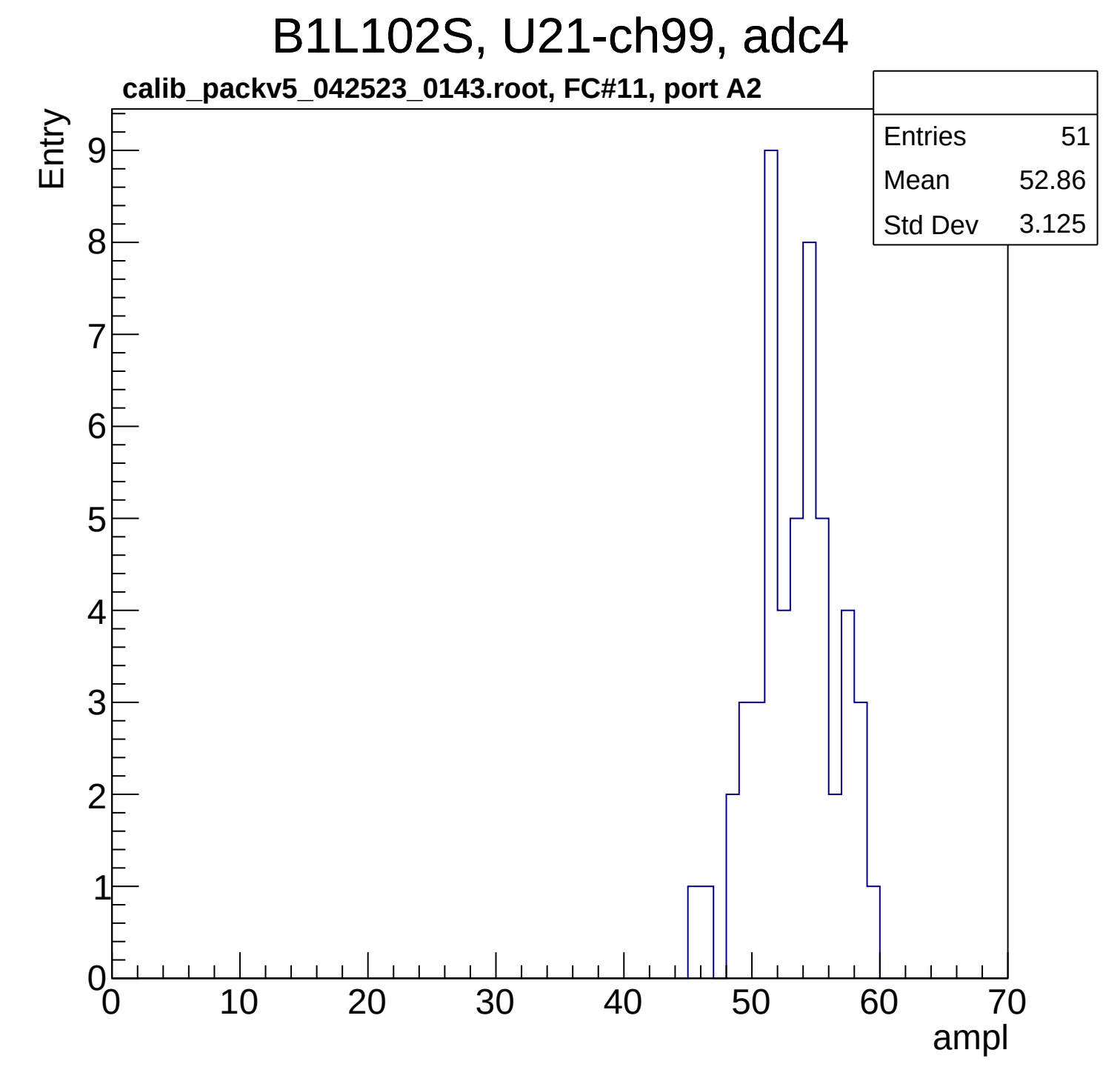
B1L102S, U21-ch99, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 52.86
Std Dev 3.125
Entry
ampl
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2
3
4
5
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7
8
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0
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40
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60
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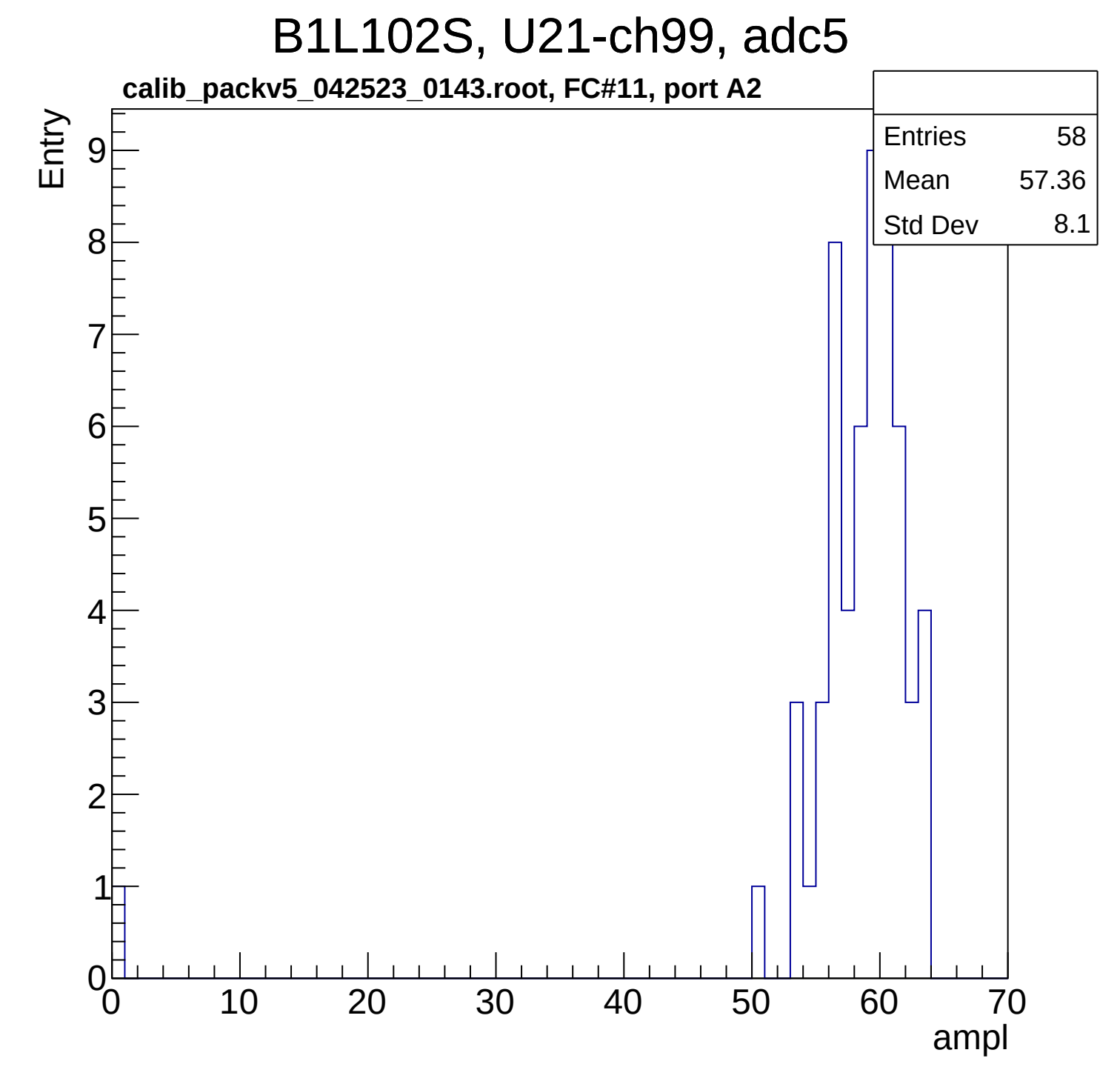
B1L102S, U21-ch99, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 57.36
Std Dev 8.1
Entry
ampl
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2
3
4
5
6
7
8
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40
50
60
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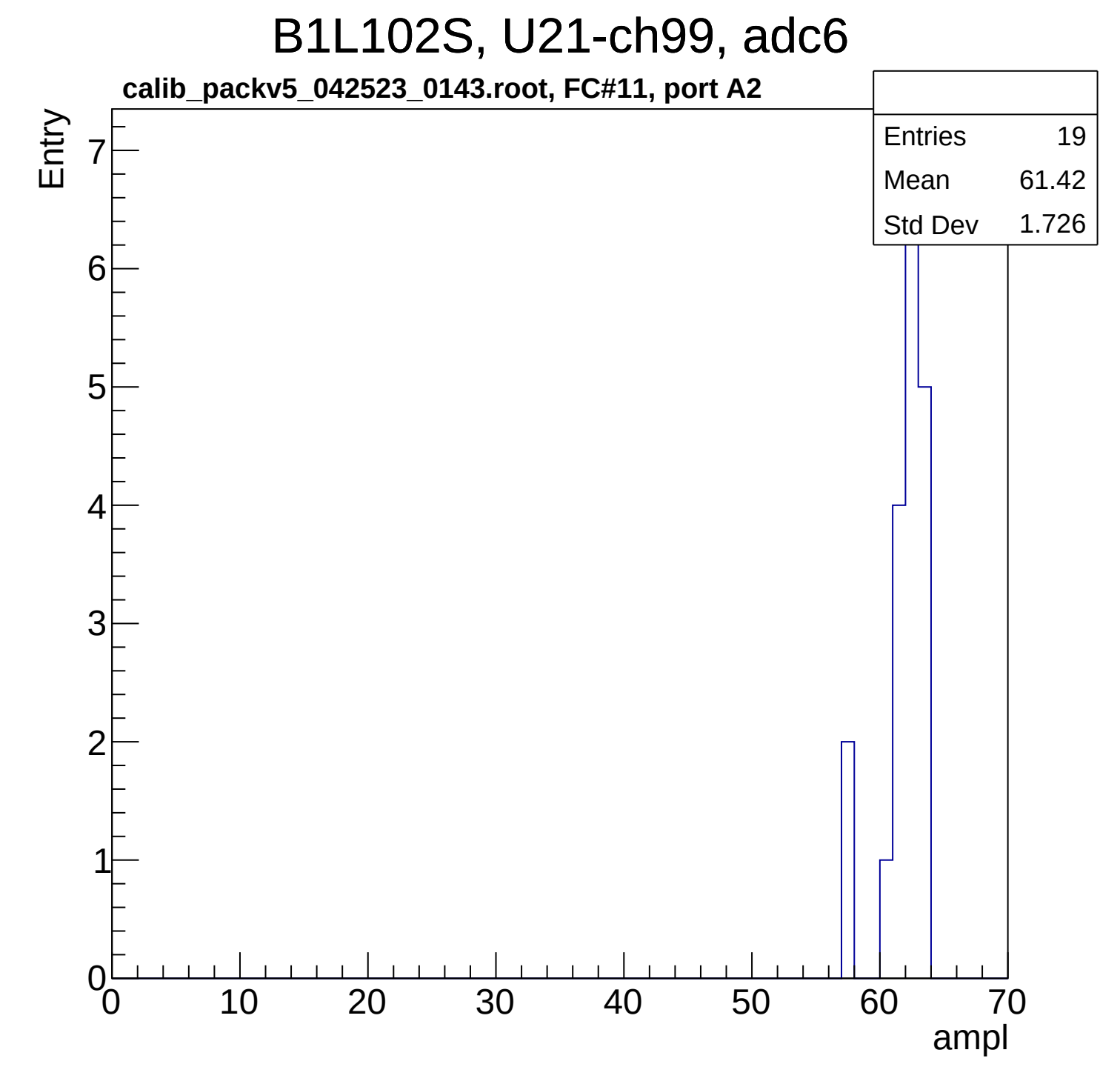
B1L102S, U21-ch99, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 19
Mean 61.42
Std Dev 1.726
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
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60
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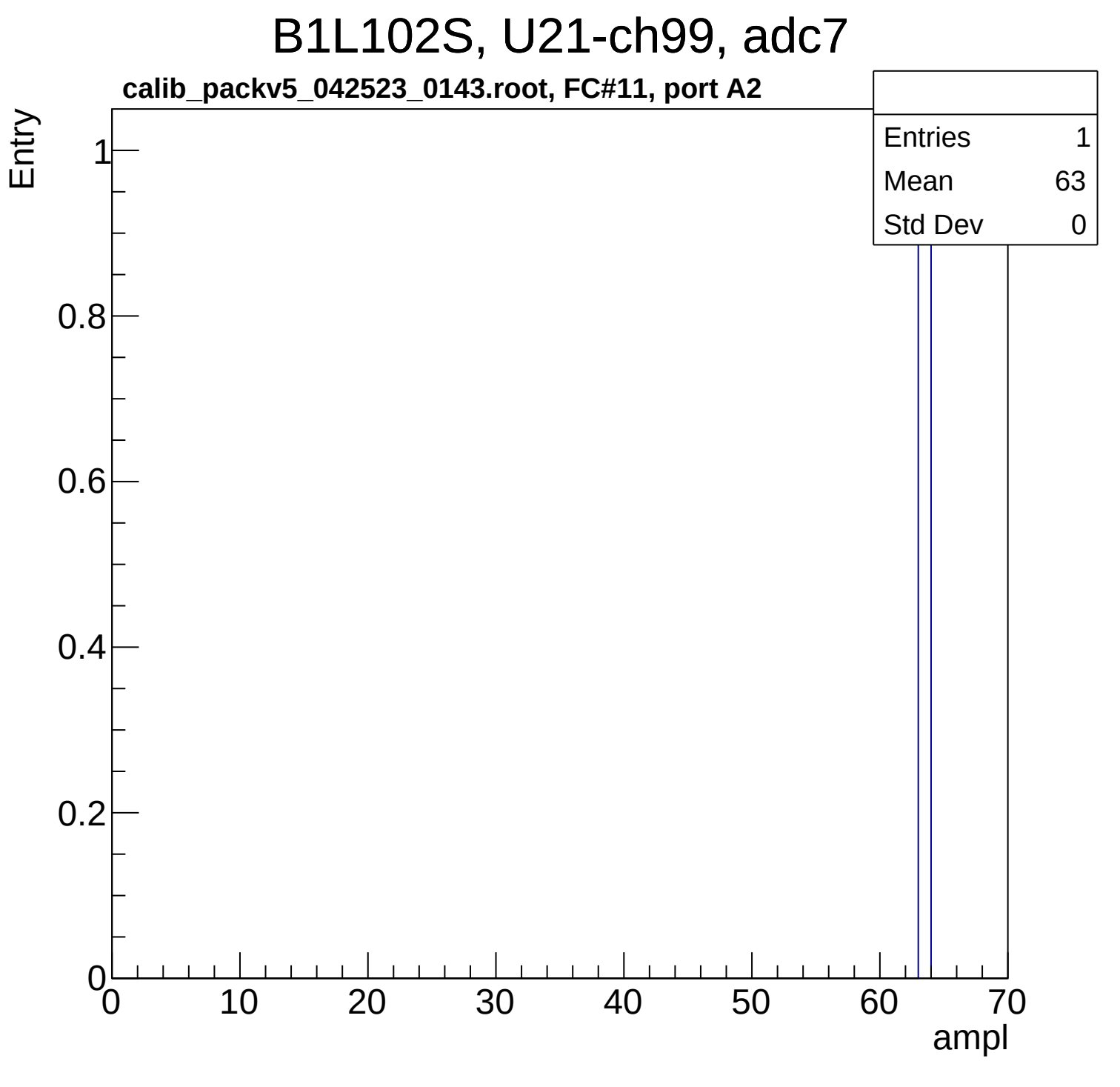
B1L102S, U21-ch99, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 63
Std Dev 0
Entry
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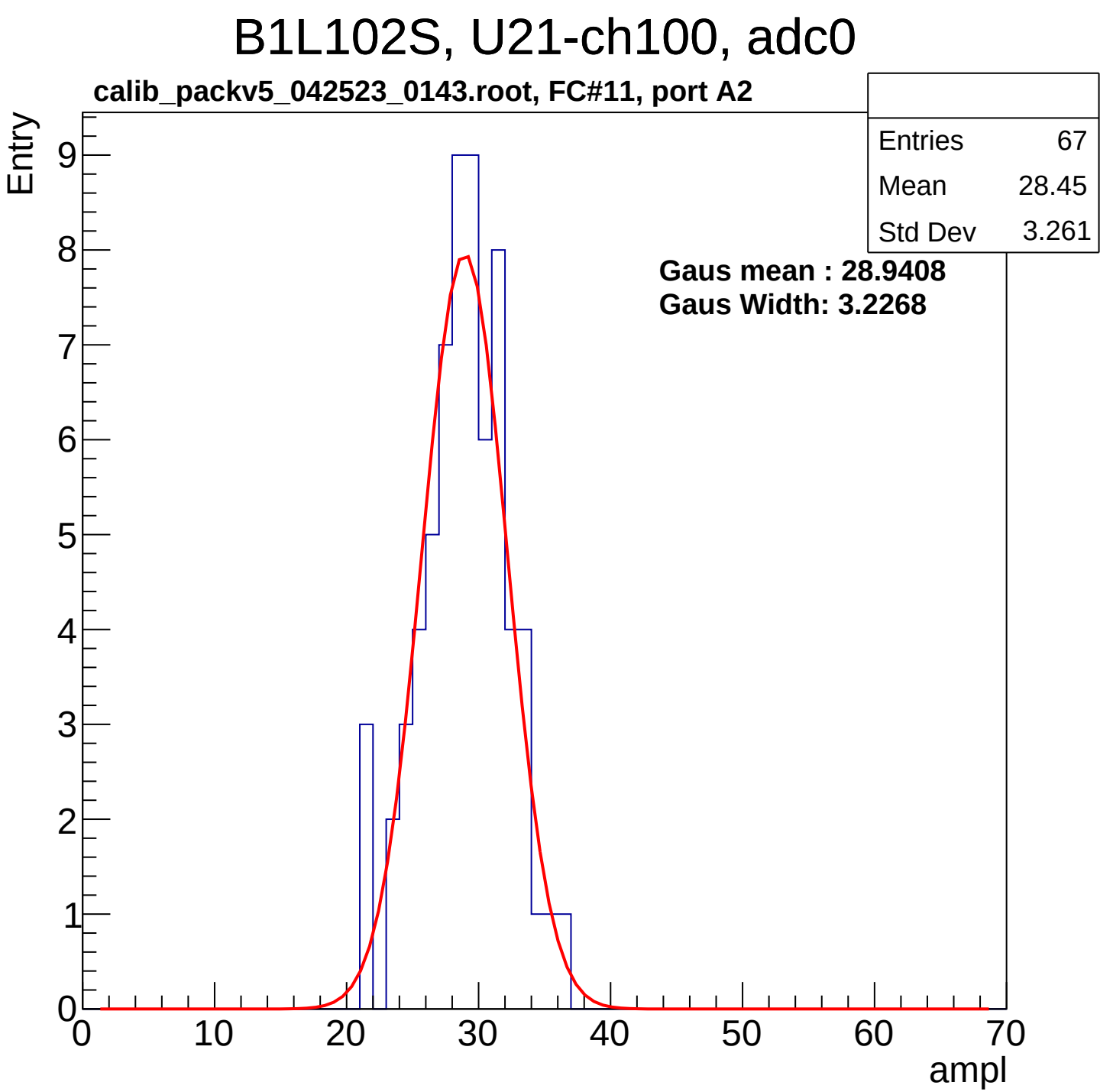
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch100, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 28.45
Std Dev 3.261
Gaus mean : 28.9408
Gaus Width: 3.2268
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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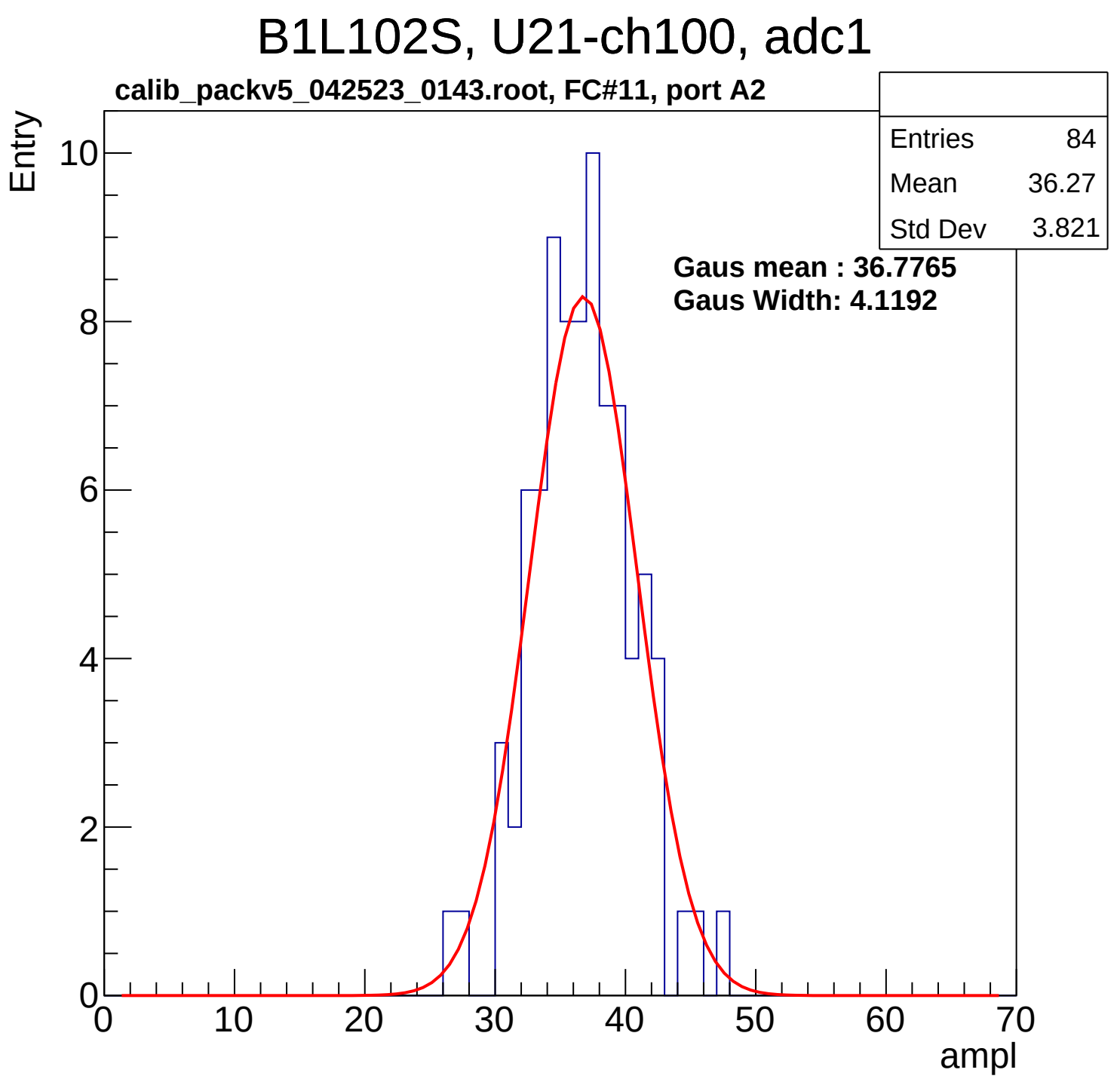
40
50
60
70


B1L102S, U21-ch100, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 84
Mean 36.27
Std Dev 3.821
Gaus mean : 36.7765
Gaus Width: 4.1192
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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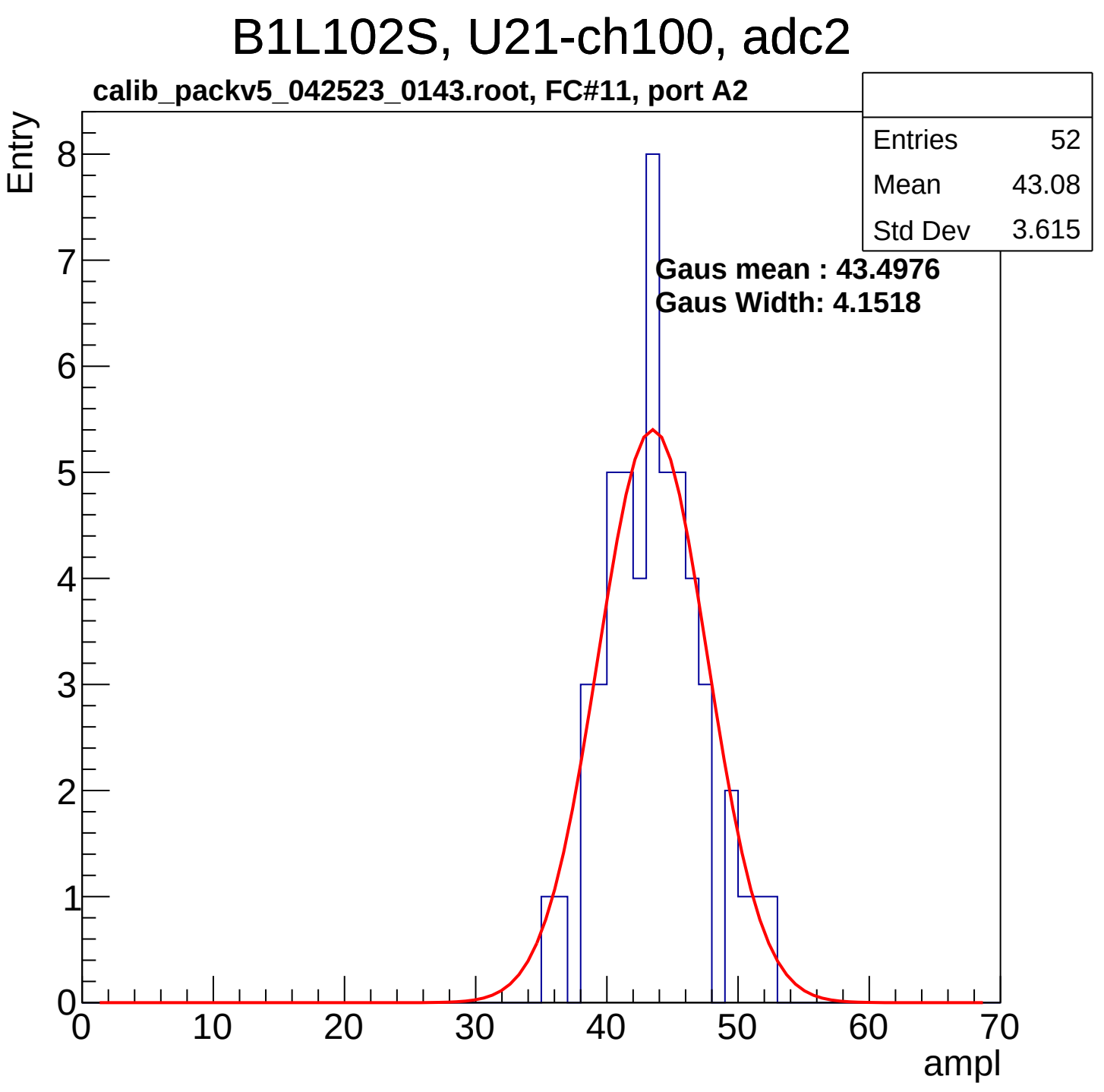
B1L102S, U21-ch100, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 43.08
Std Dev 3.615
Gaus mean : 43.4976
Gaus Width: 4.1518
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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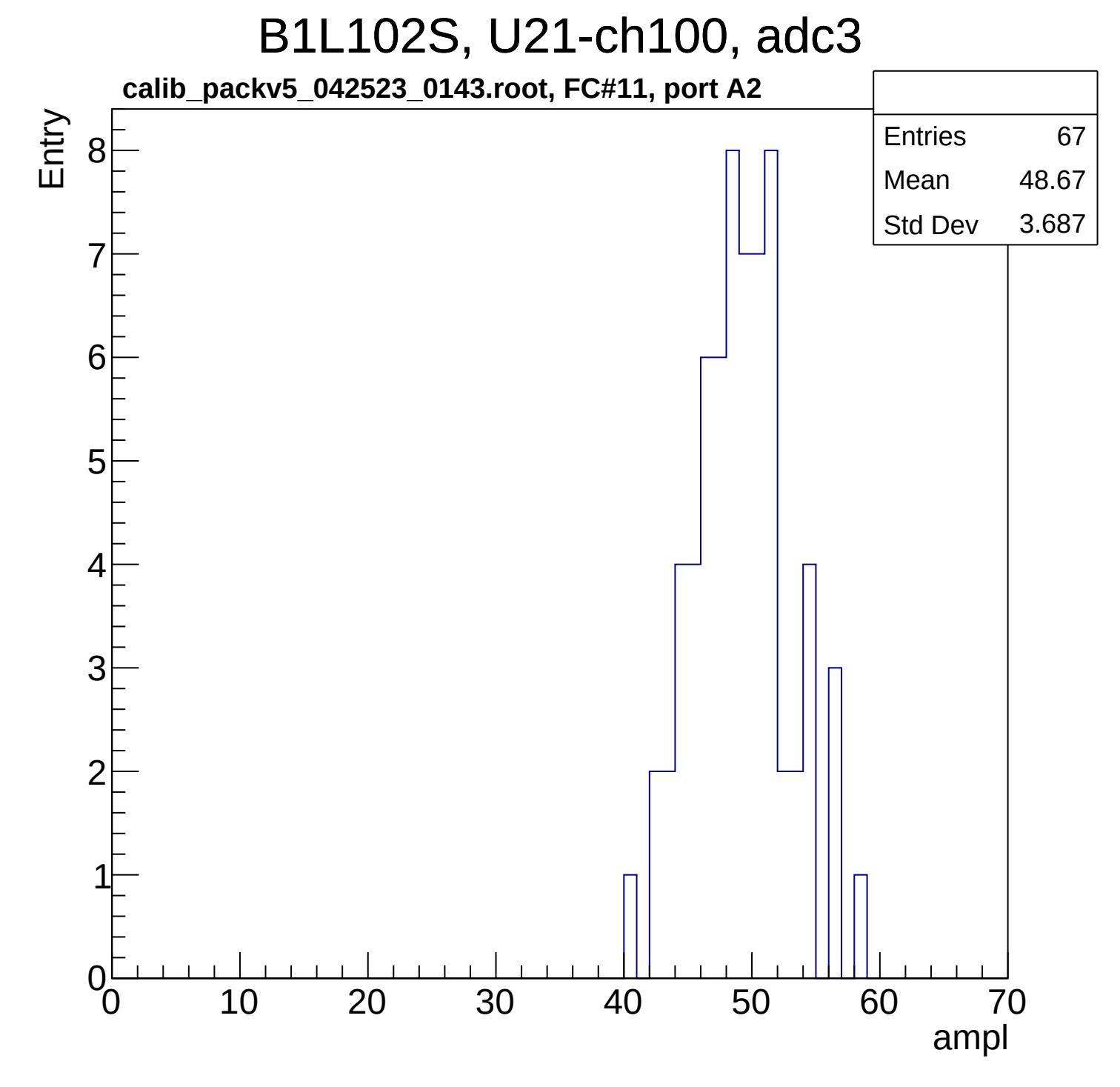
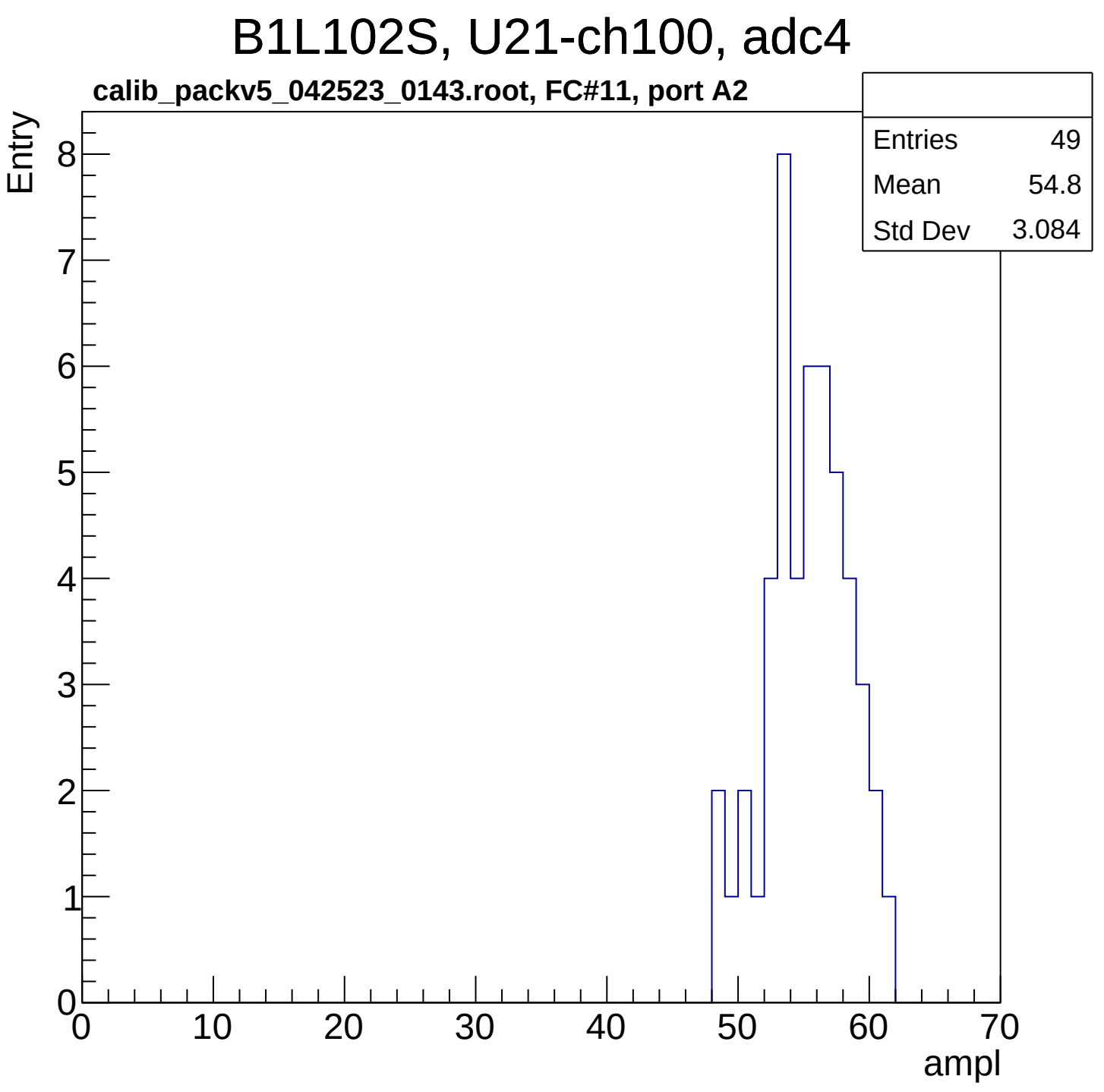
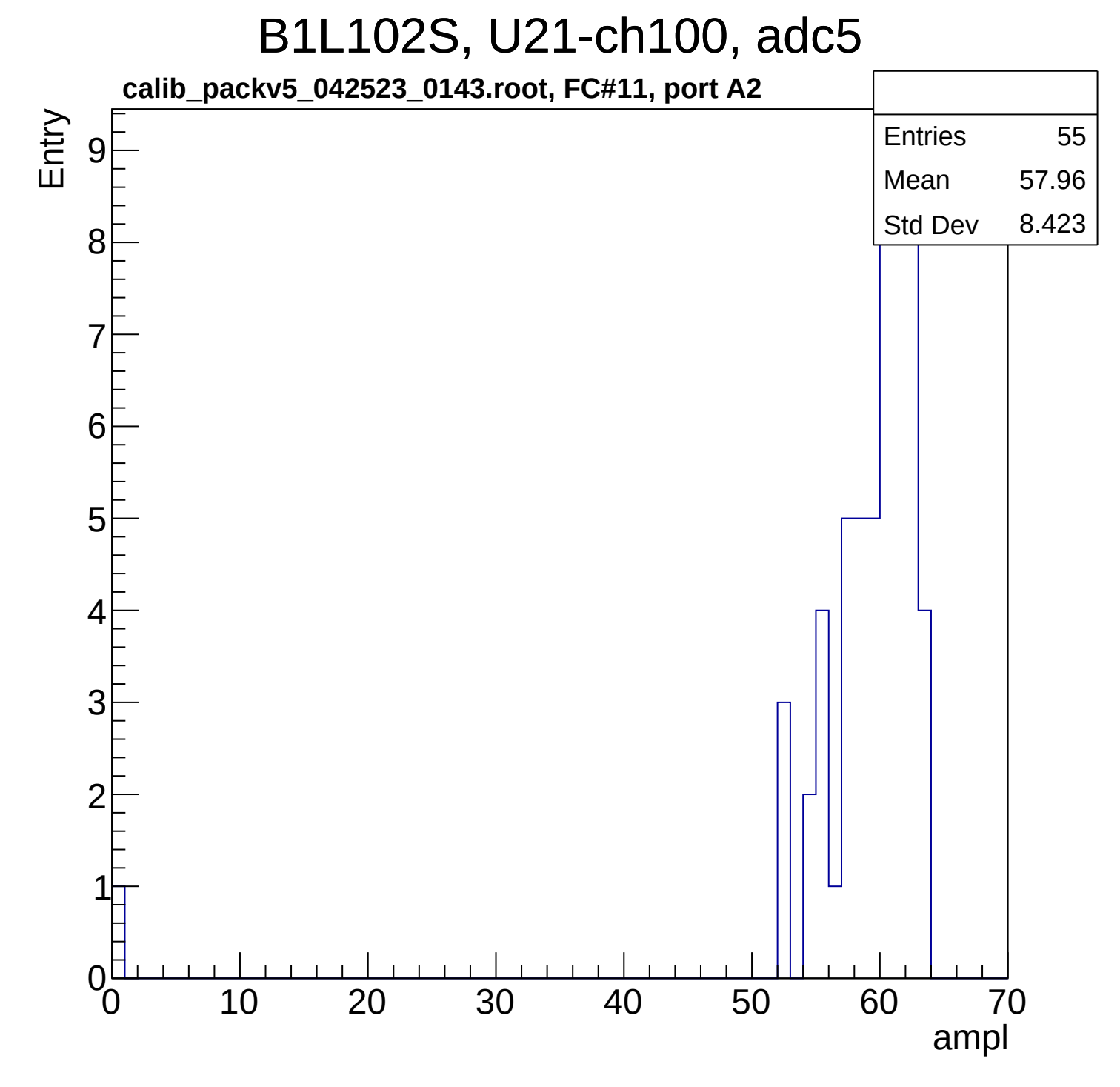
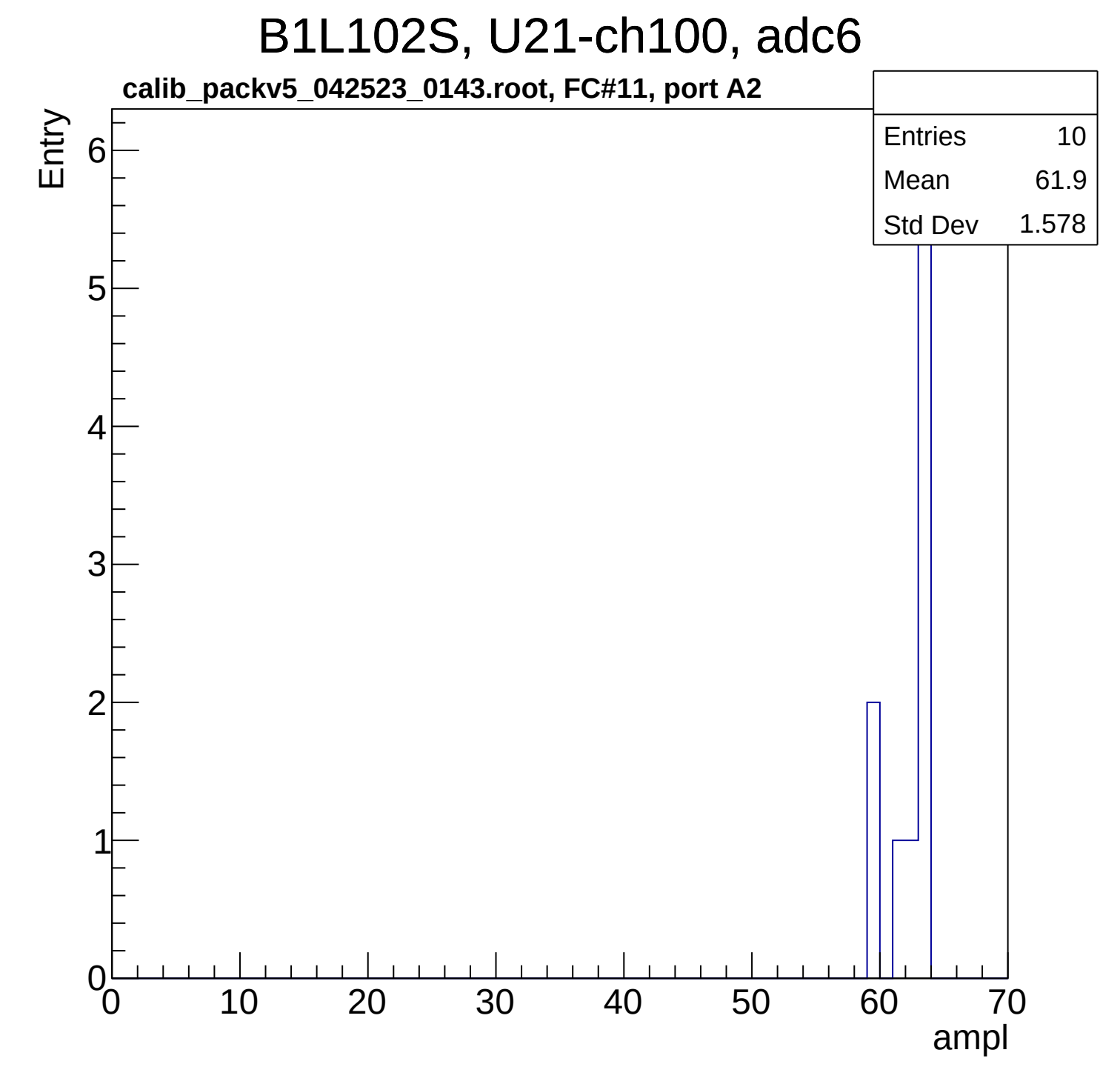
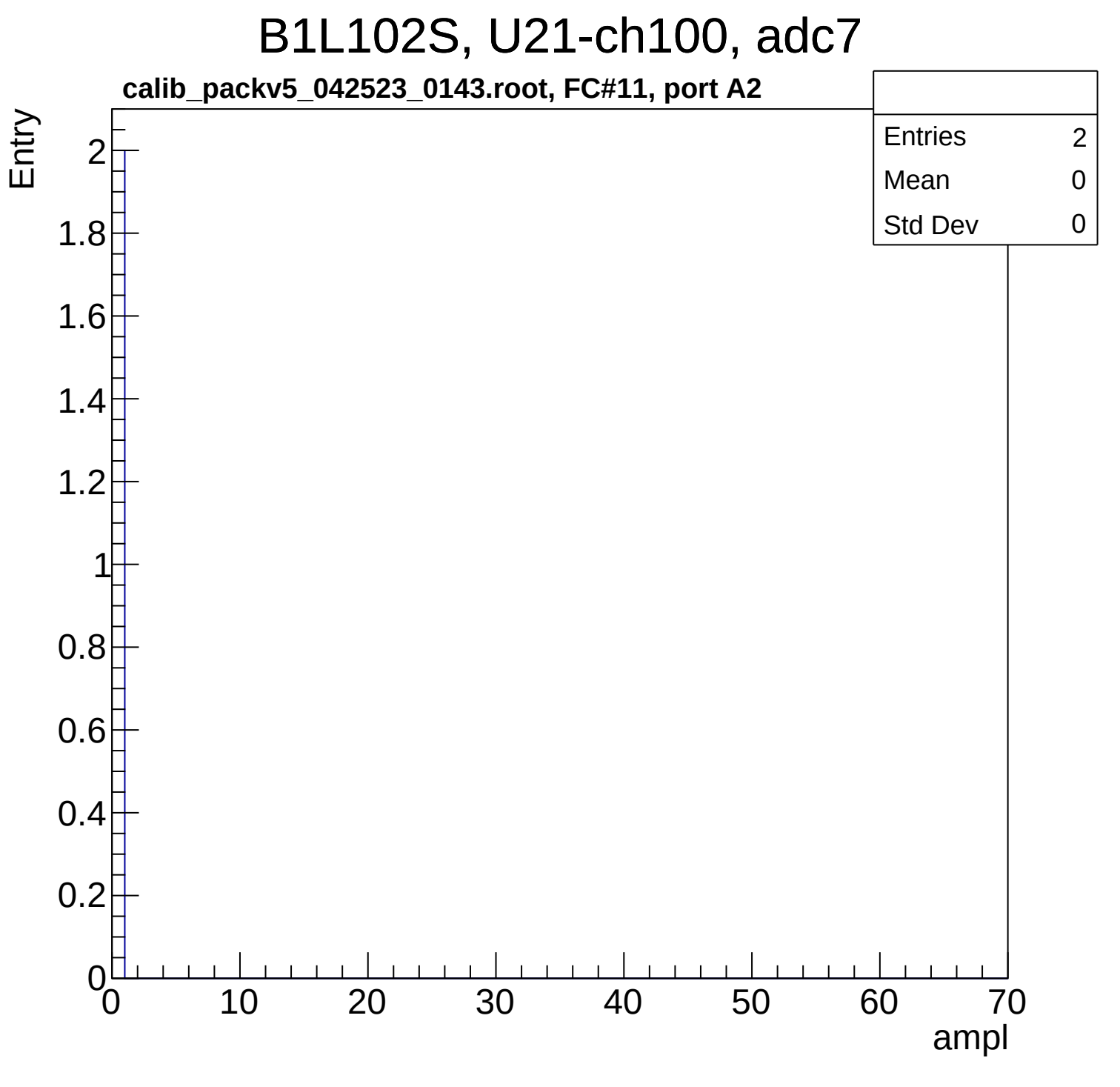
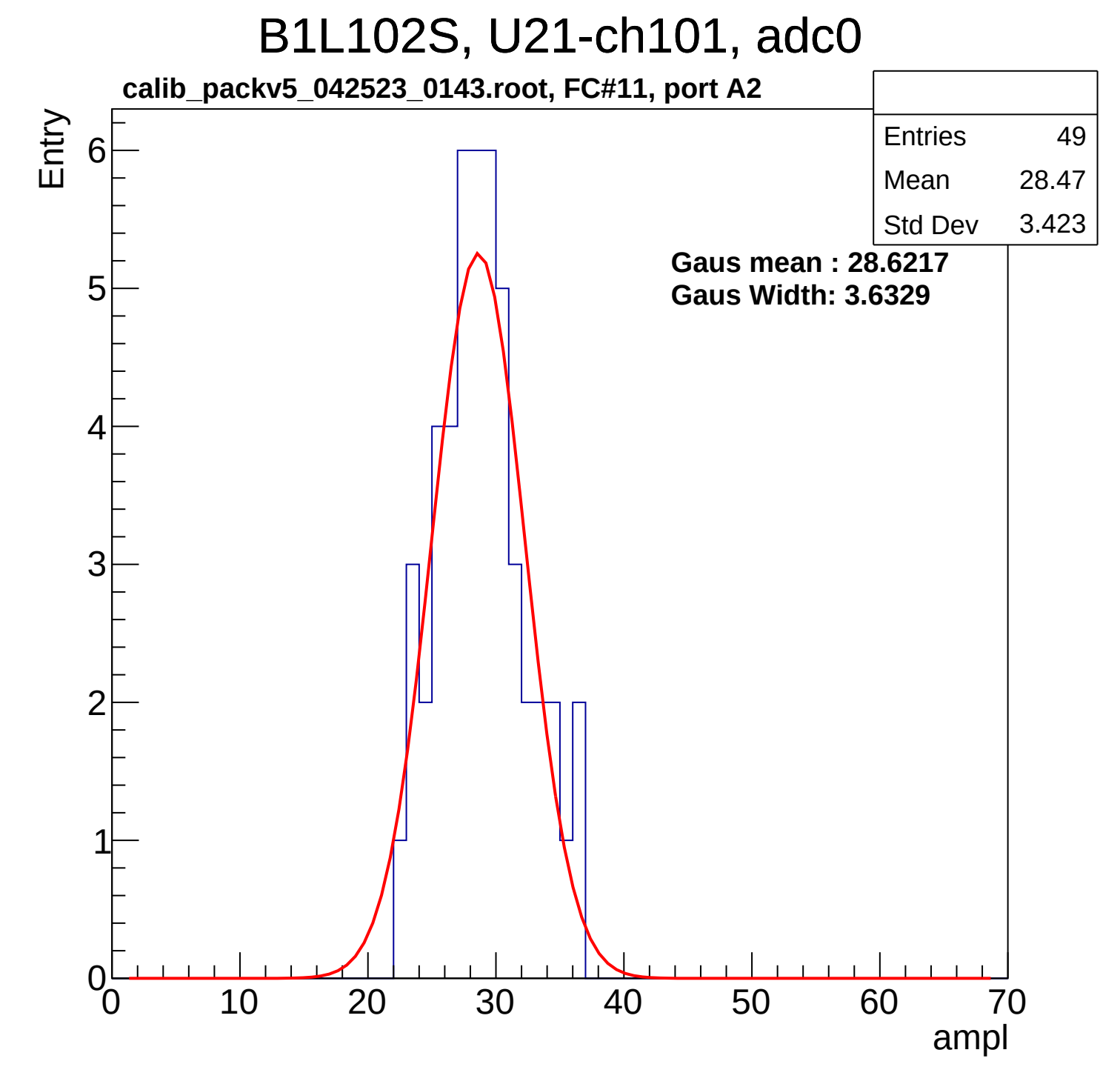

B1L102S, U21-ch100, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 48.67
Std Dev 3.687
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

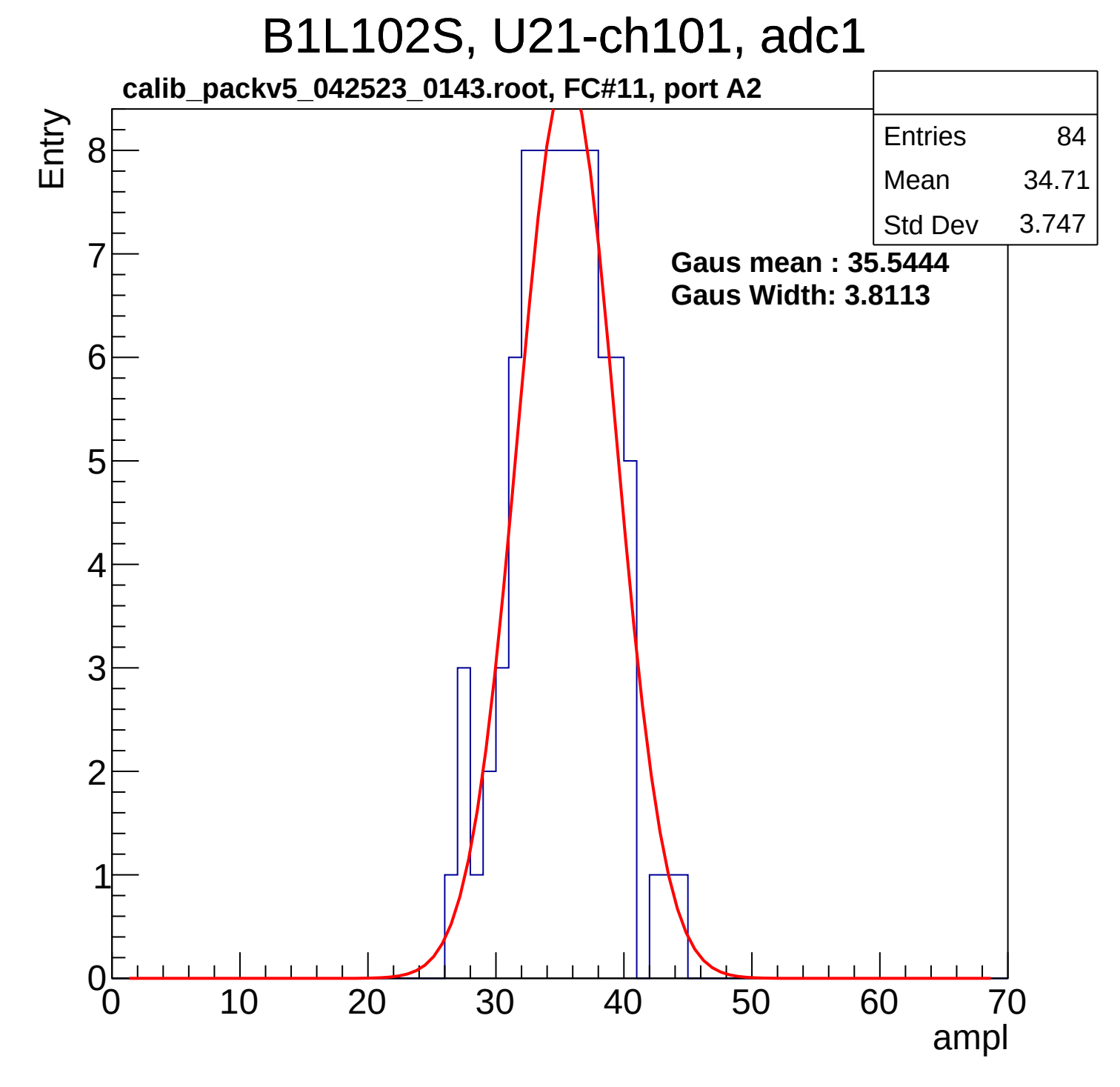

B1L102S, U21-ch100, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 54.8
Std Dev 3.084
Entry
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70
ampl

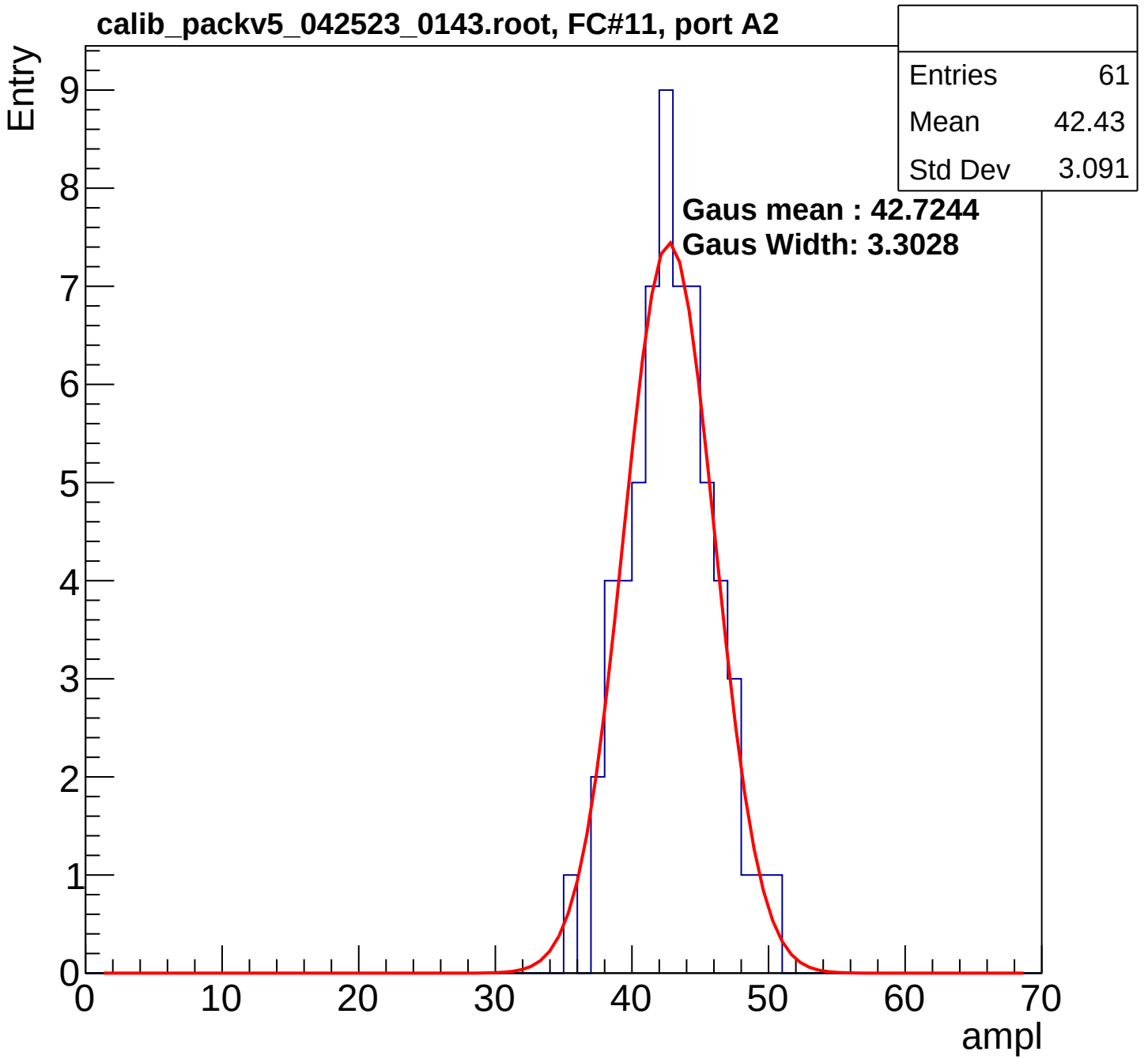

B1L102S, U21-ch100, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 57.96
Std Dev 8.423
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70

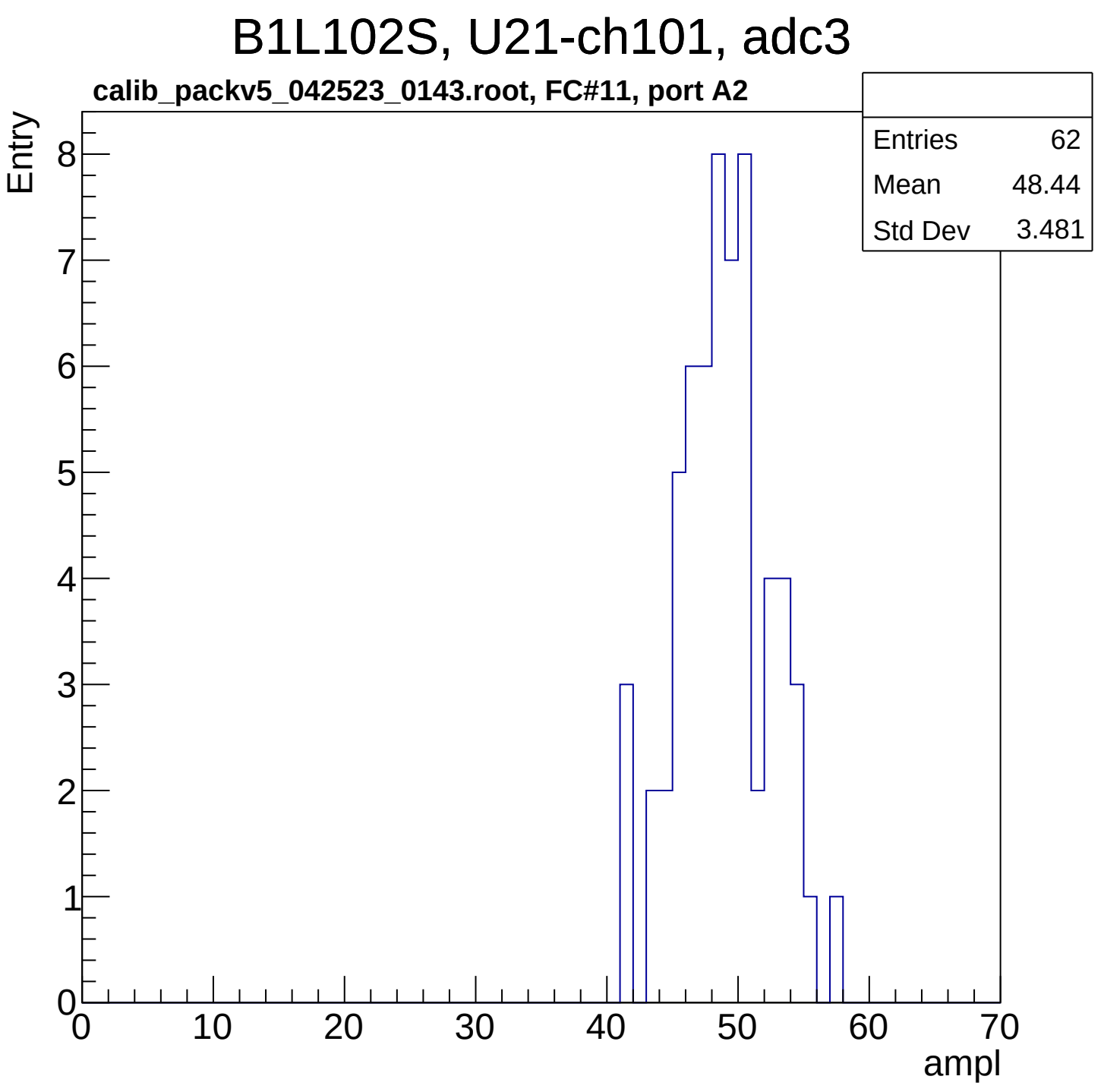

B1L102S, U21-ch100, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 10
Mean 61.9
Std Dev 1.578
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U21-ch100, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch101, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 28.47
Std Dev 3.423
Gaus mean : 28.6217
Gaus Width: 3.6329
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U21-ch101, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 84
Mean 34.71
Std Dev 3.747
Gaus mean : 35.5444
Gaus Width: 3.8113
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch101, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 42.43
Std Dev 3.091
Gaus mean : 42.7244
Gaus Width: 3.3028
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch101, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 48.44
Std Dev 3.481
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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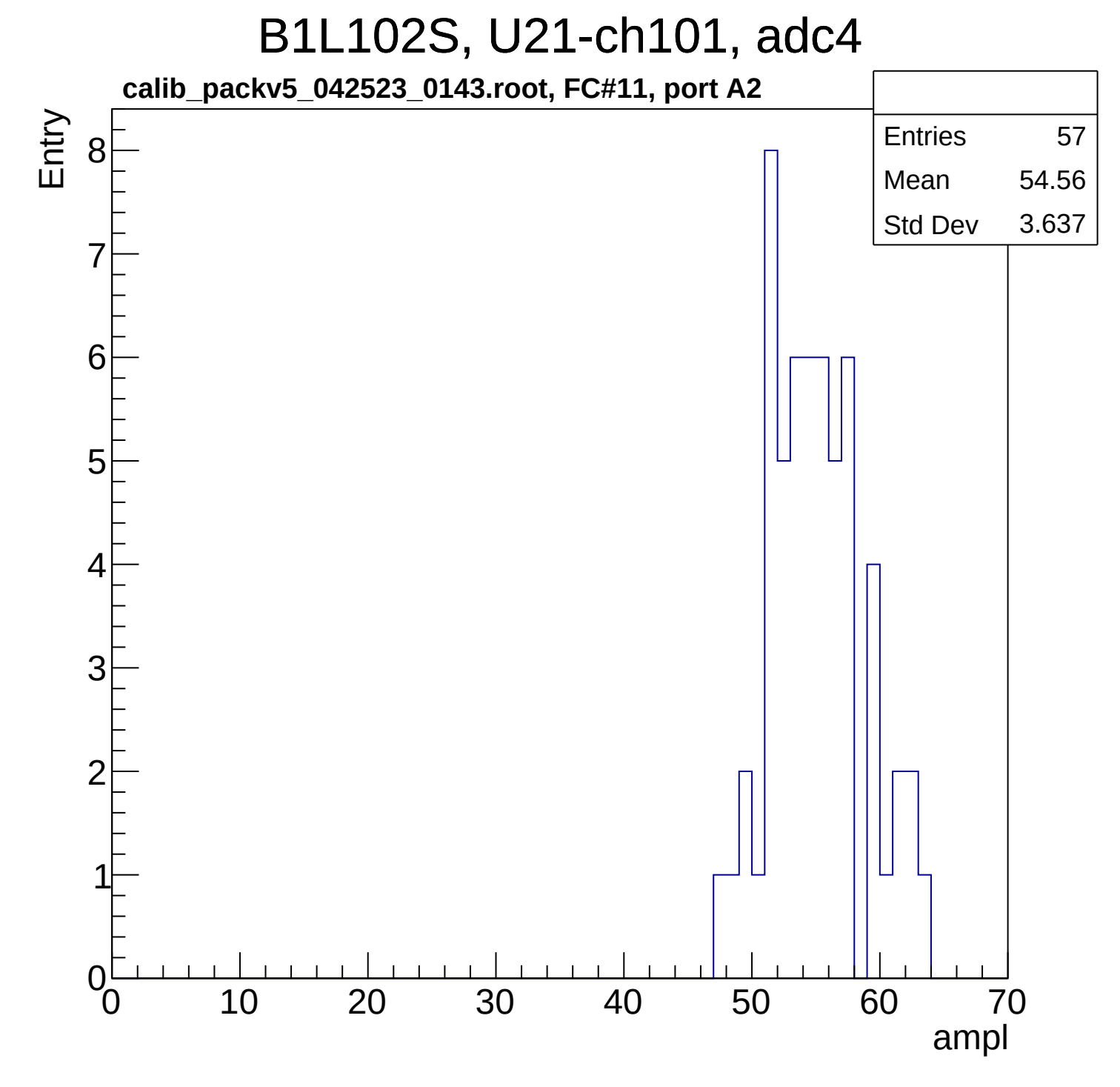
B1L102S, U21-ch101, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 54.56
Std Dev 3.637
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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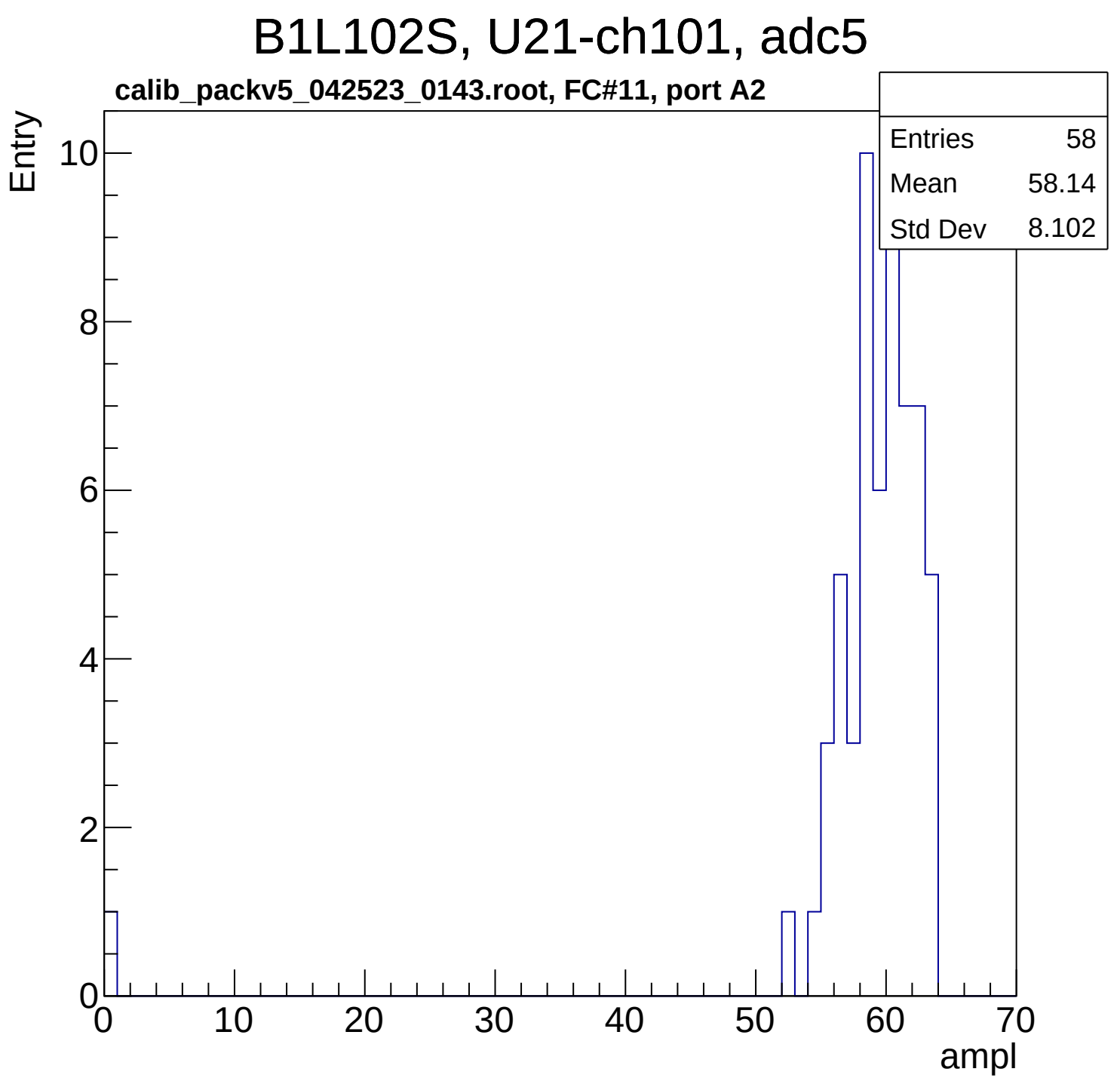
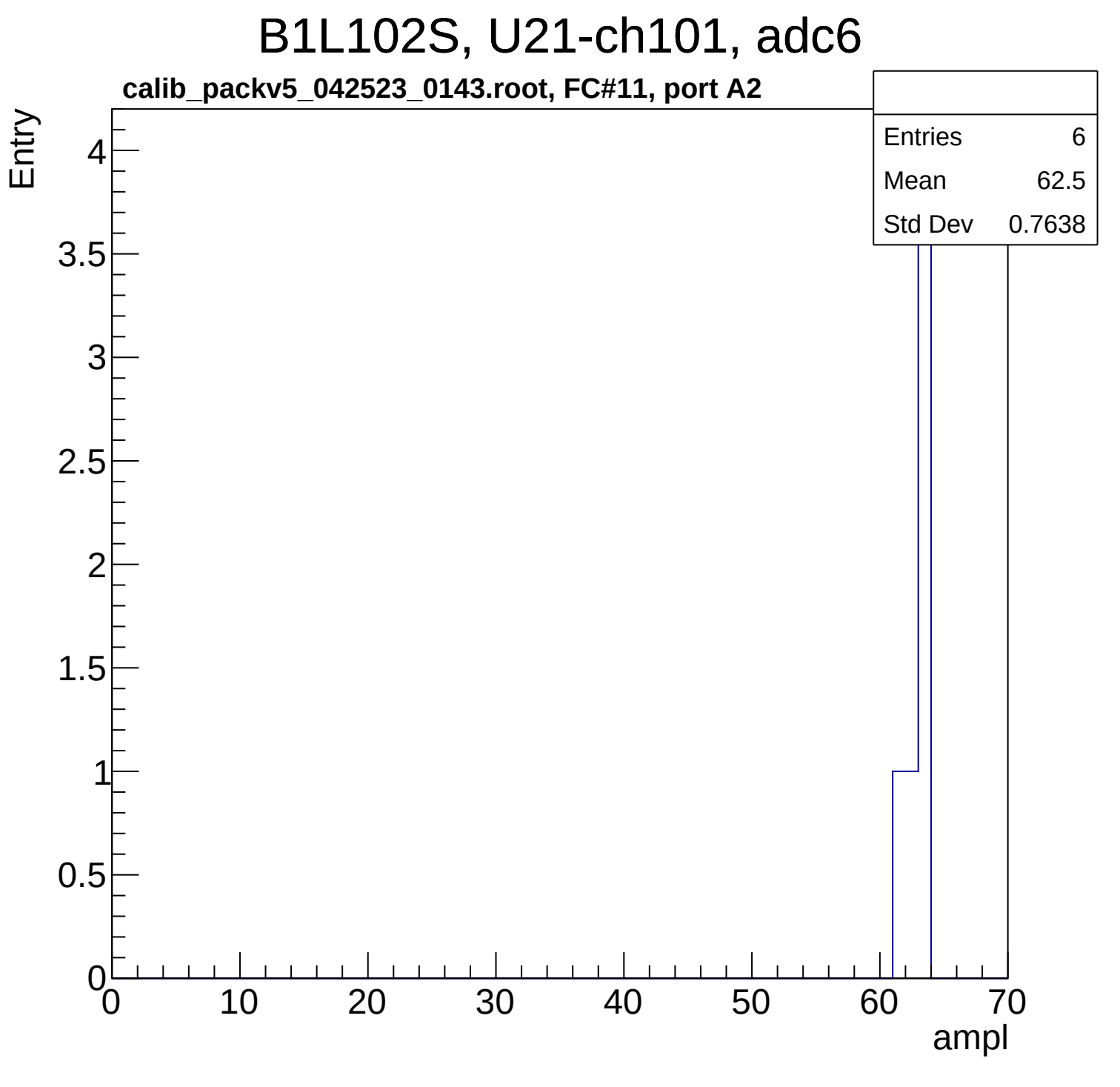
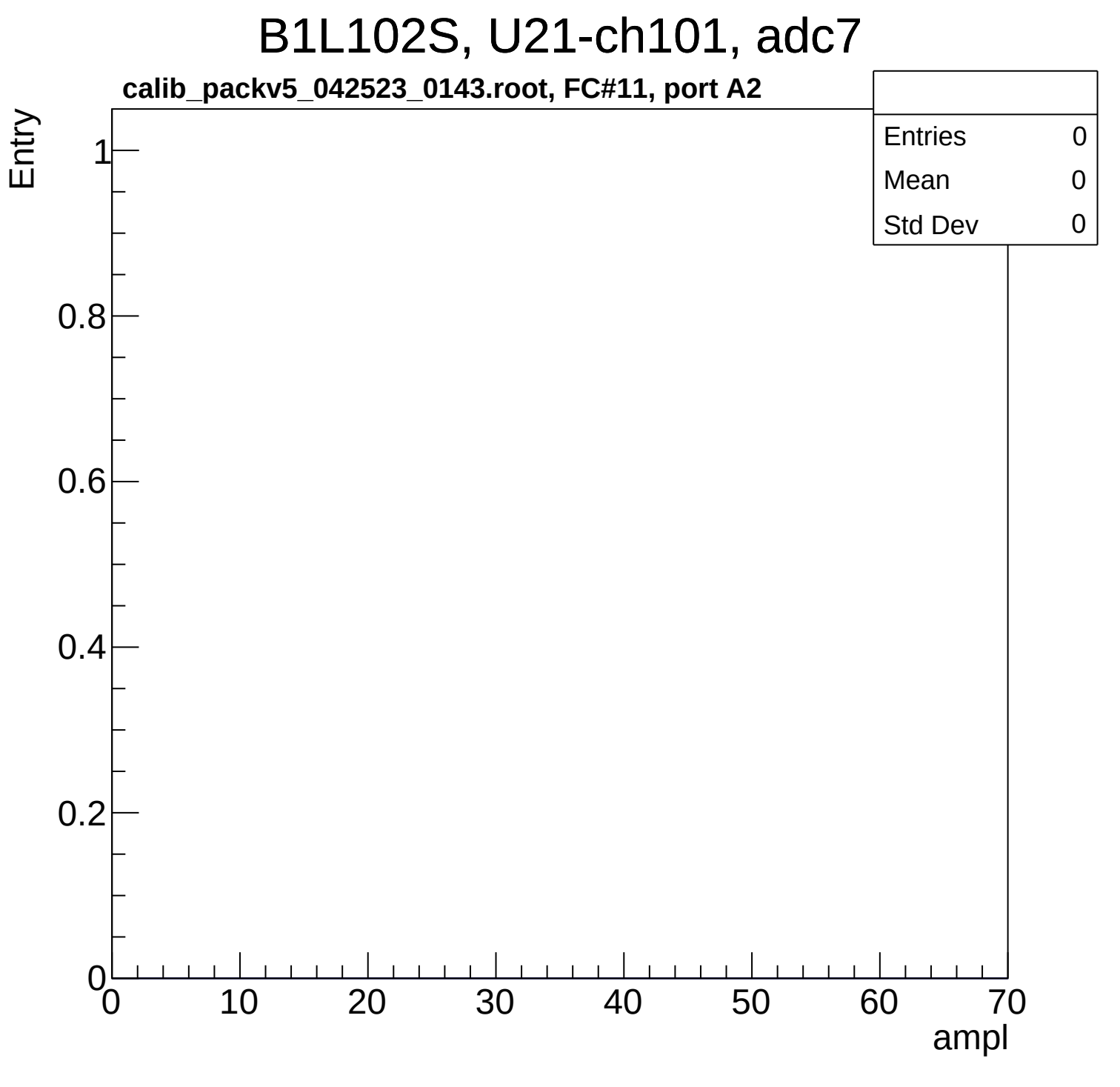
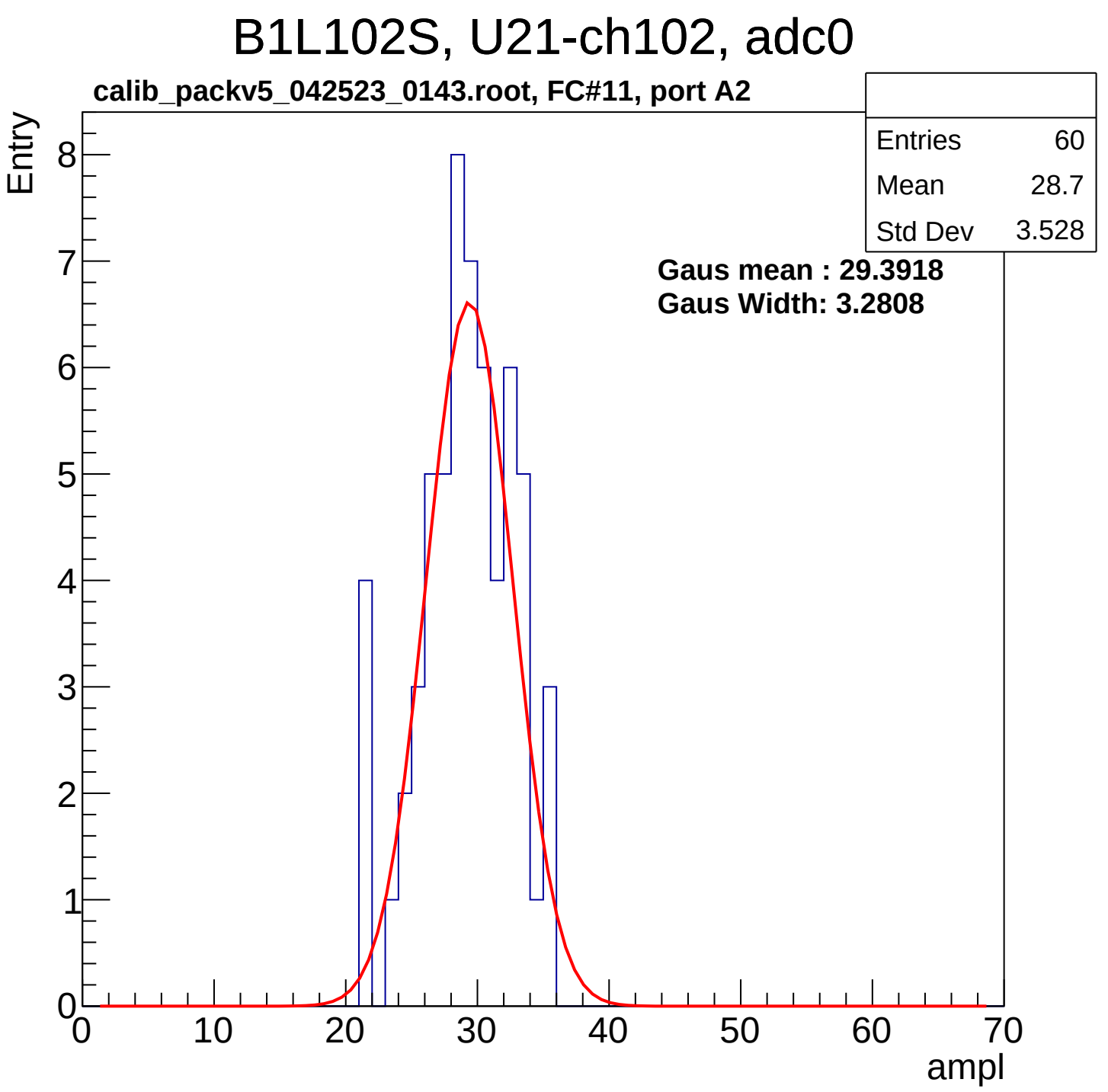
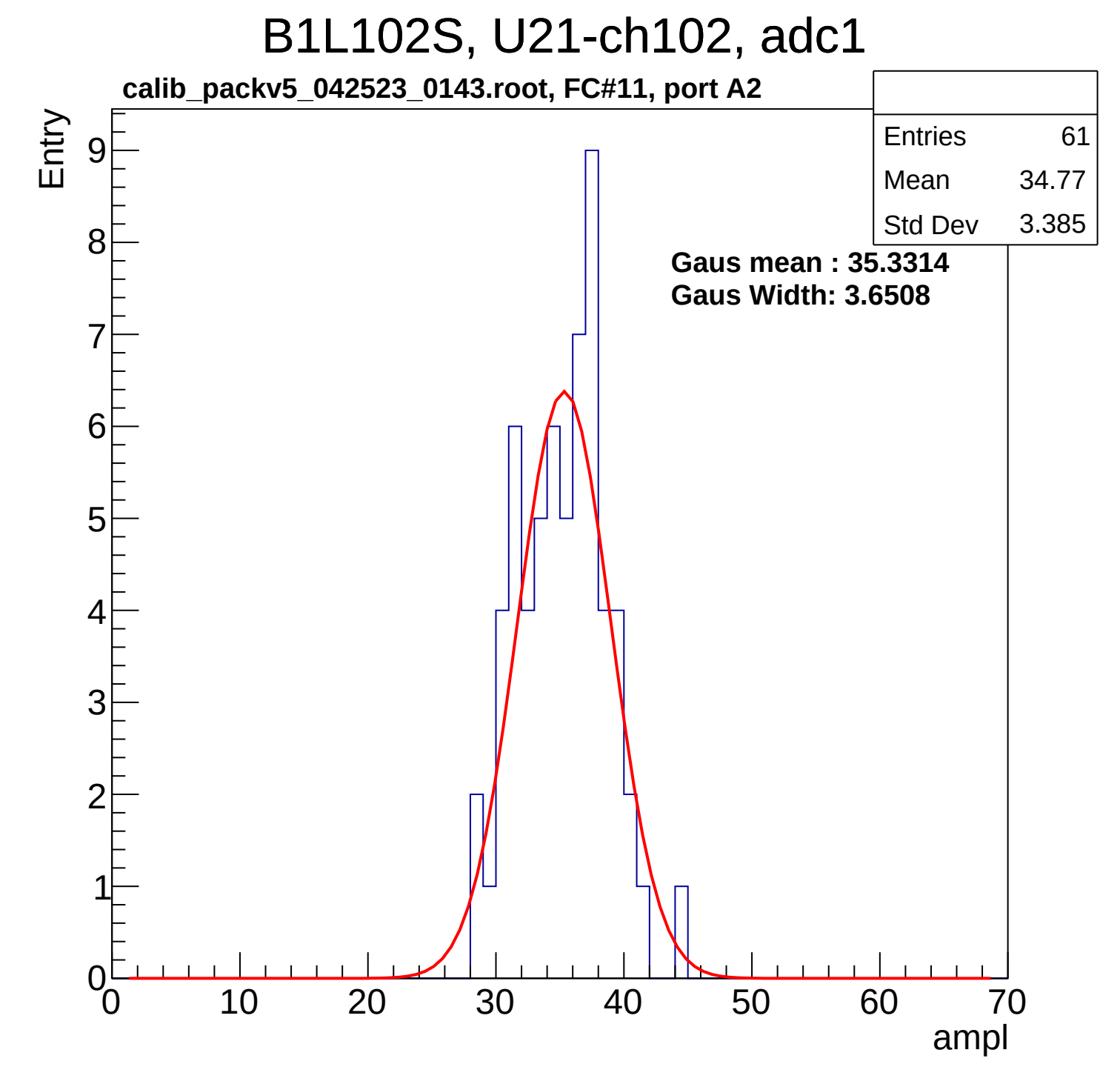
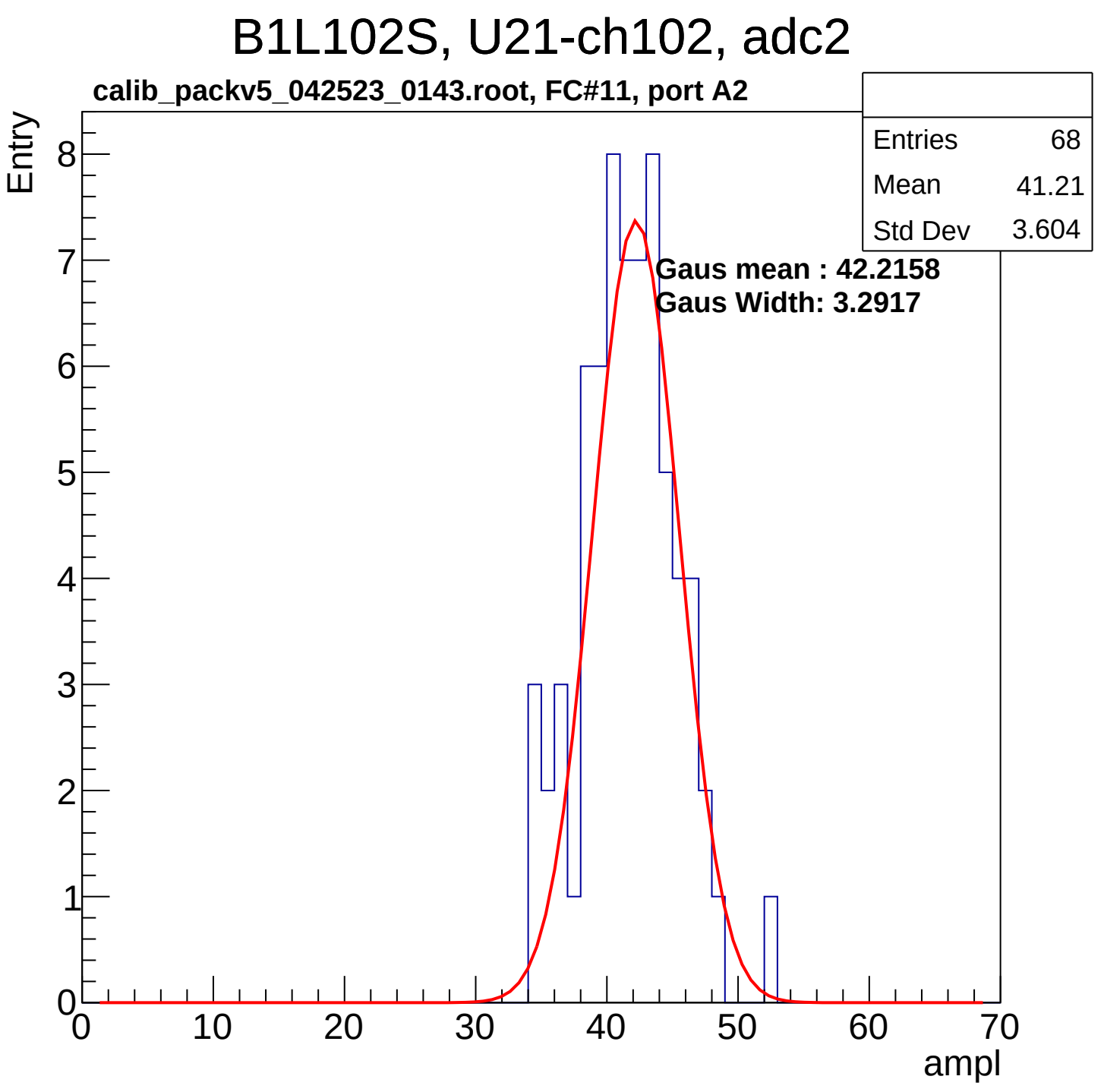

B1L102S, U21-ch101, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 58.14
Std Dev 8.102
Entry
0
2
4
6
8
10
0
10
20
30
40
50
60
70
ampl

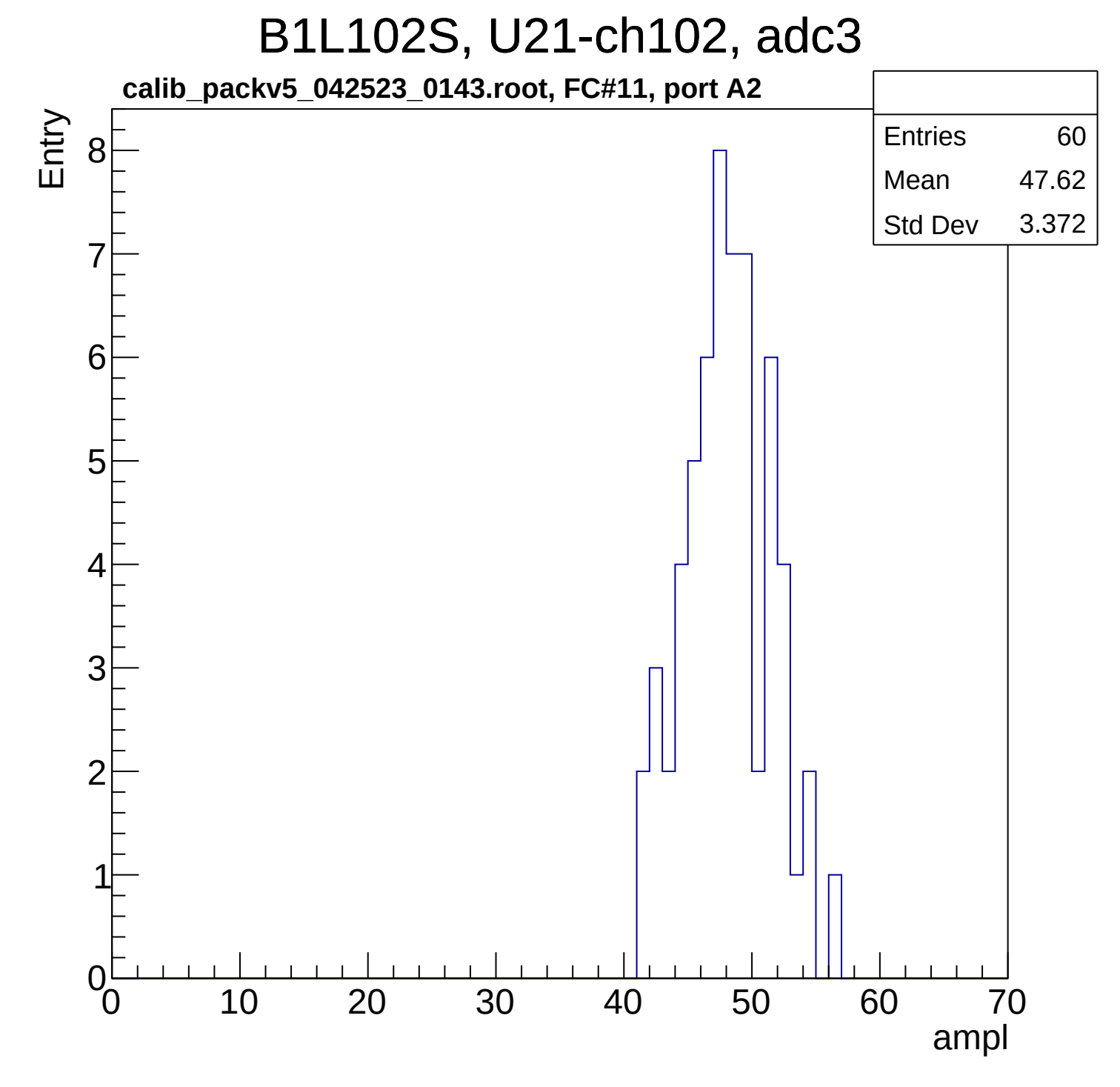

B1L102S, U21-ch101, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 6
Mean 62.5
Std Dev 0.7638
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70


B1L102S, U21-ch101, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch102, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 28.7
Std Dev 3.528
Gaus mean : 29.3918
Gaus Width: 3.2808
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch102, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 34.77
Std Dev 3.385
Gaus mean : 35.3314
Gaus Width: 3.6508
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch102, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 41.21
Std Dev 3.604
Gaus mean : 42.2158
Gaus Width: 3.2917
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch102, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 47.62
Std Dev 3.372
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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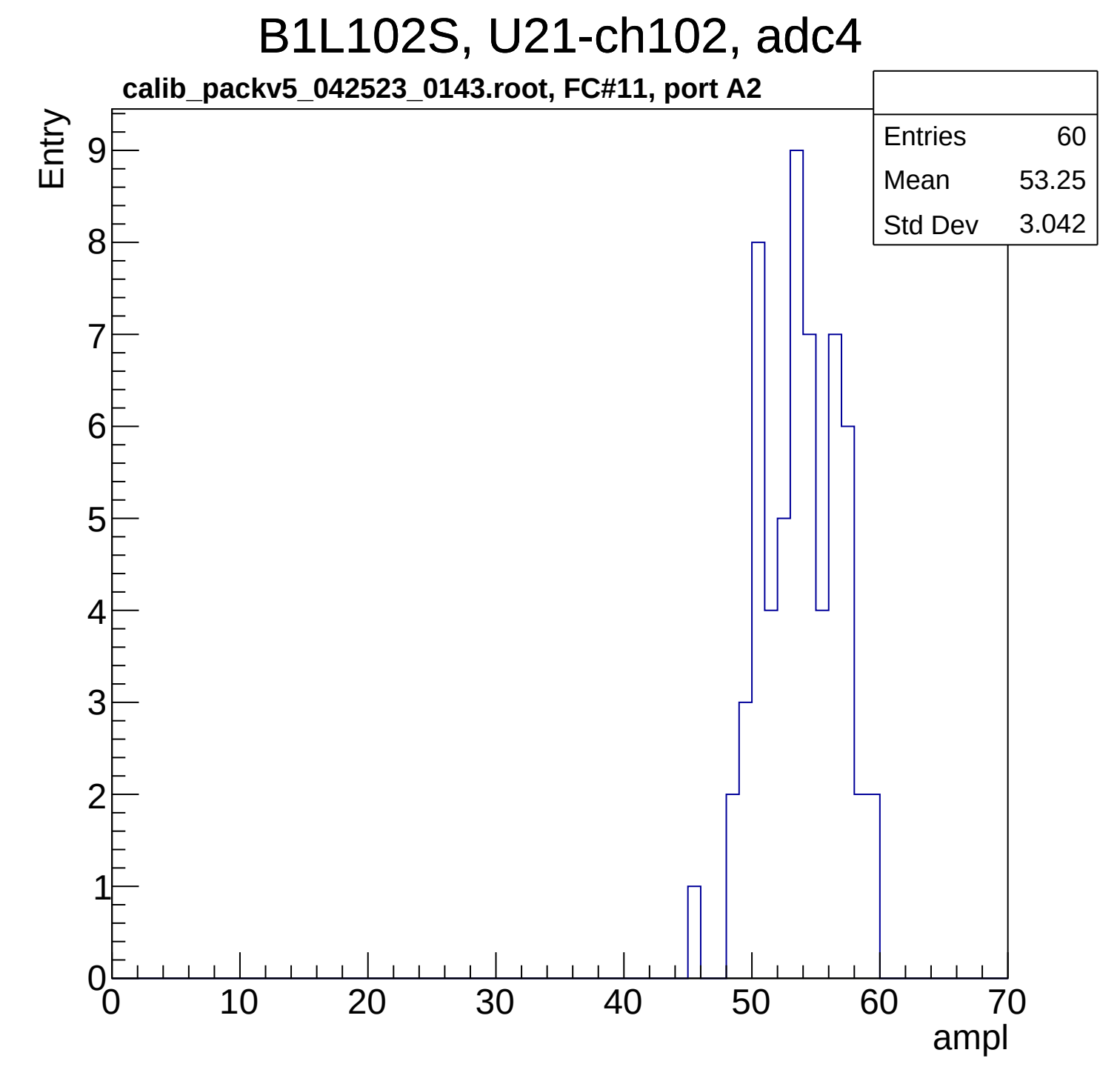
40
50
60
70


B1L102S, U21-ch102, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 53.25
Std Dev 3.042
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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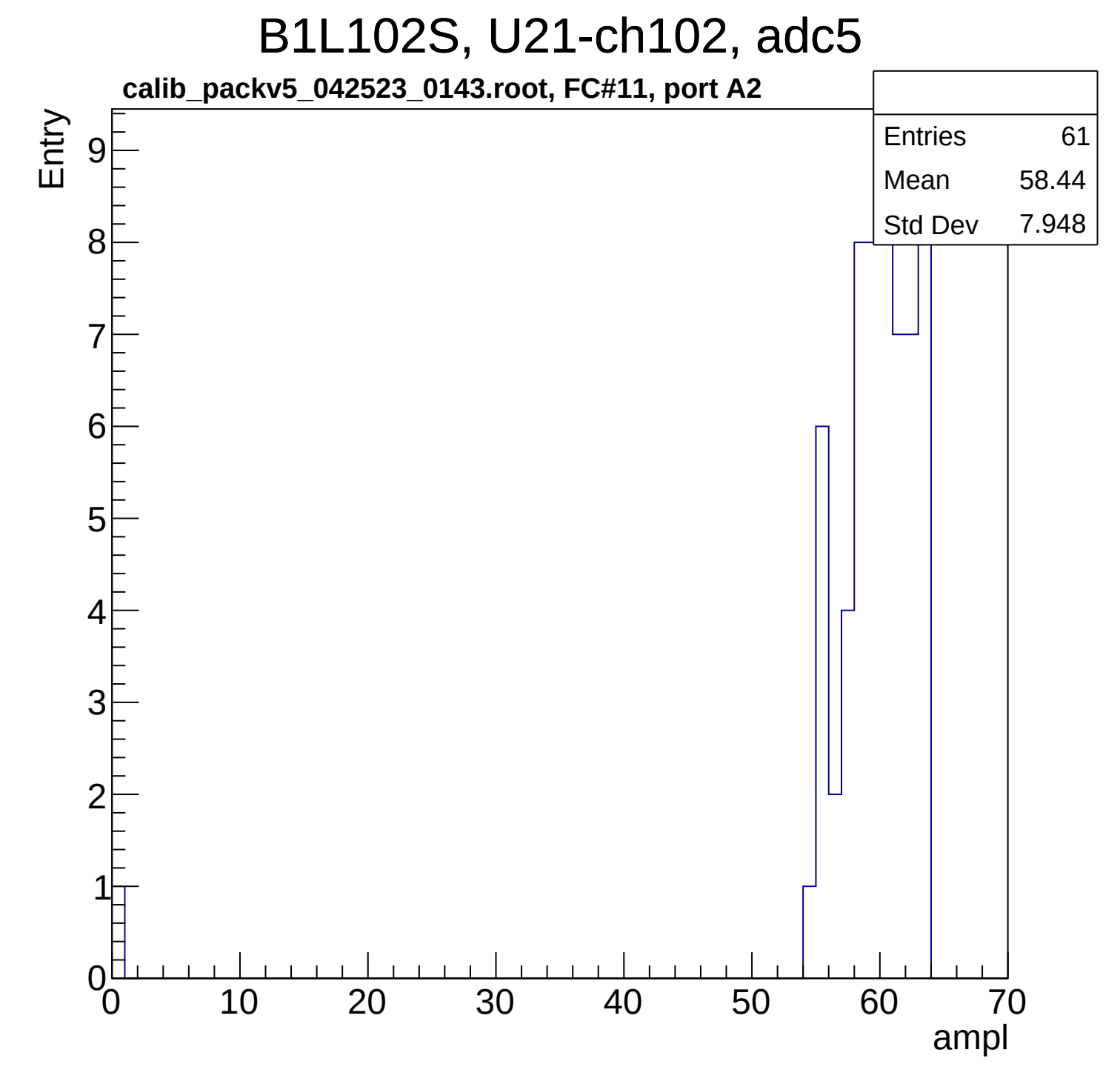
B1L102S, U21-ch102, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 58.44
Std Dev 7.948
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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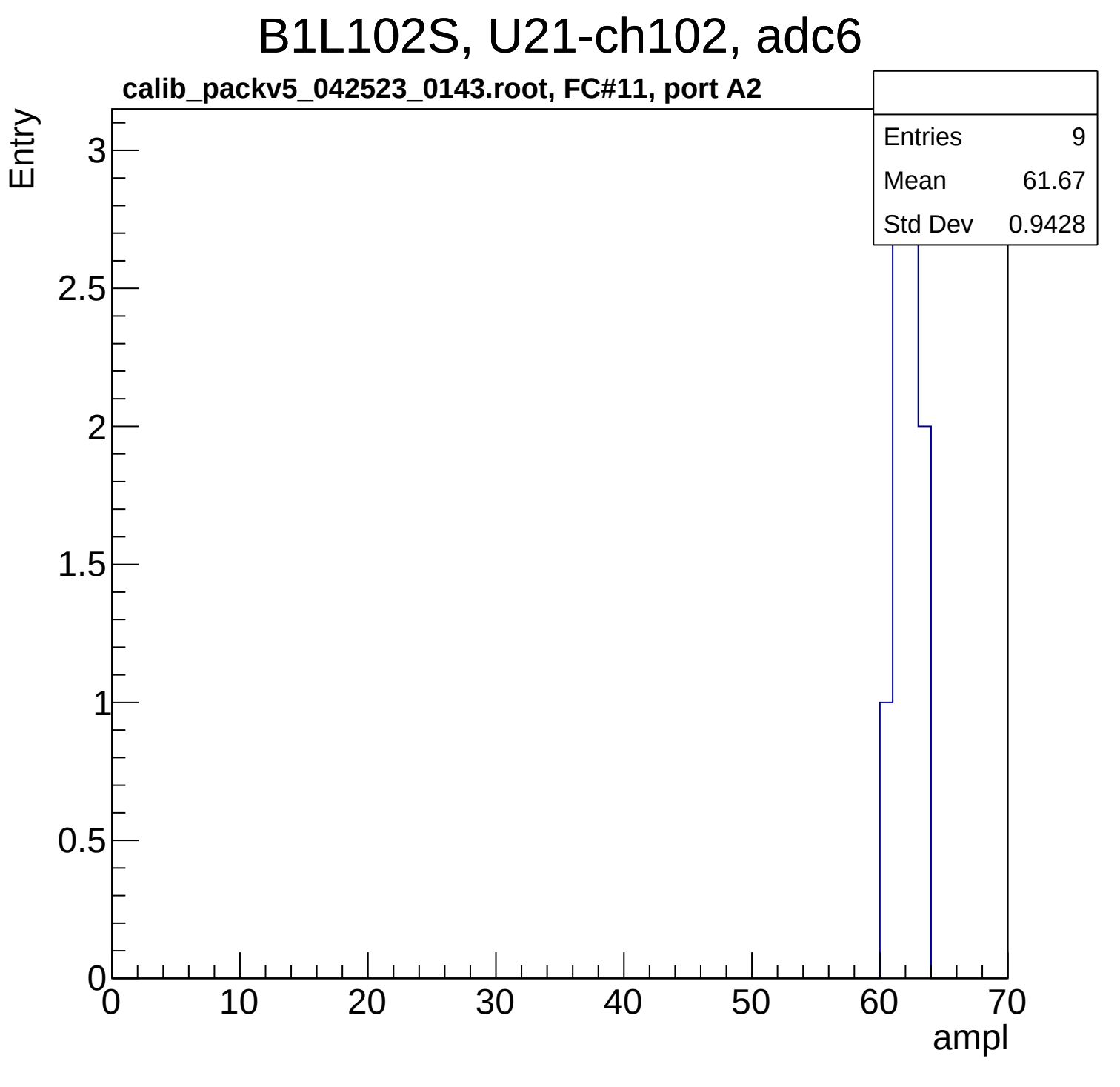
60
70


B1L102S, U21-ch102, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 9
Mean 61.67
Std Dev 0.9428
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
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20
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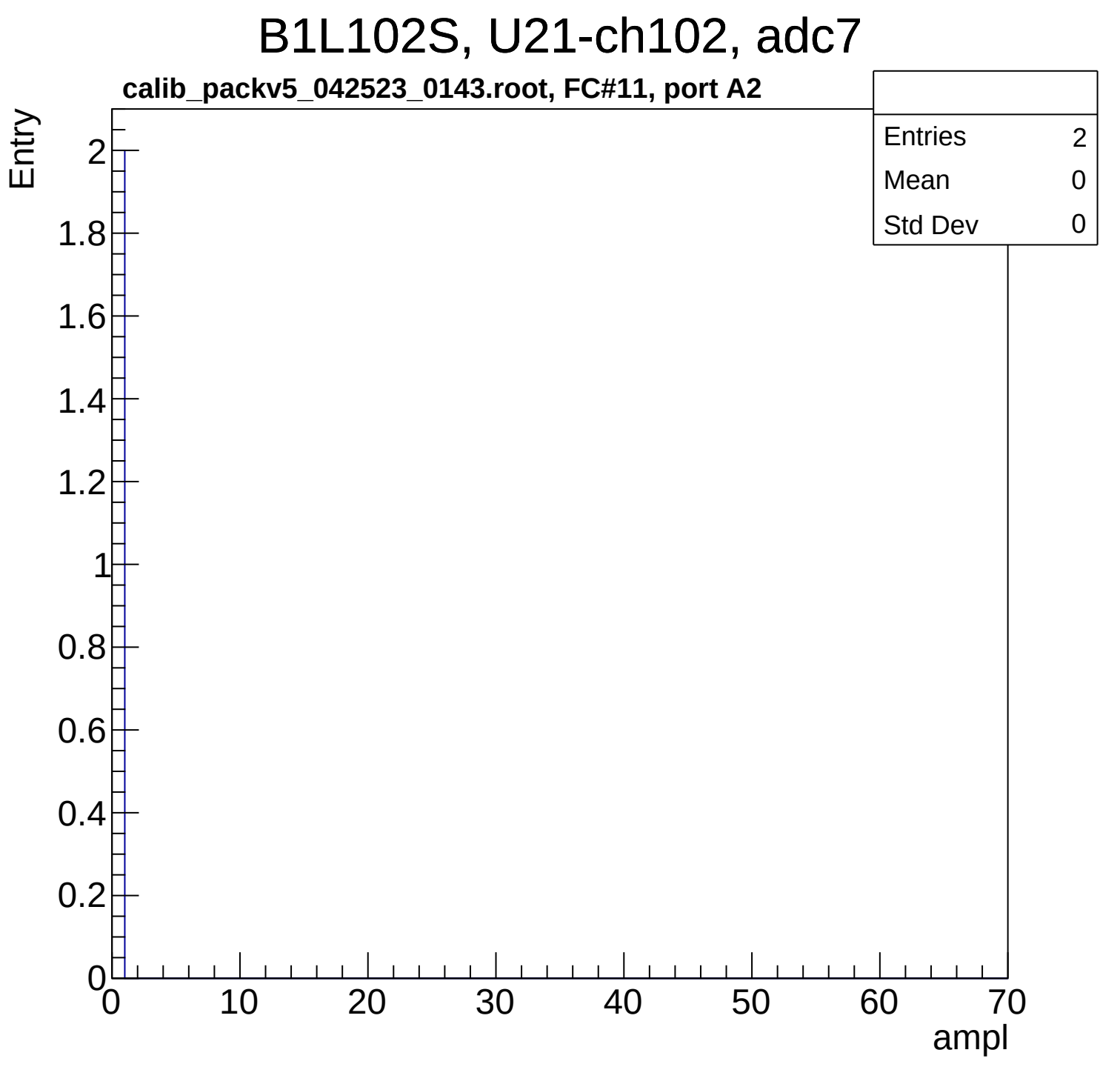
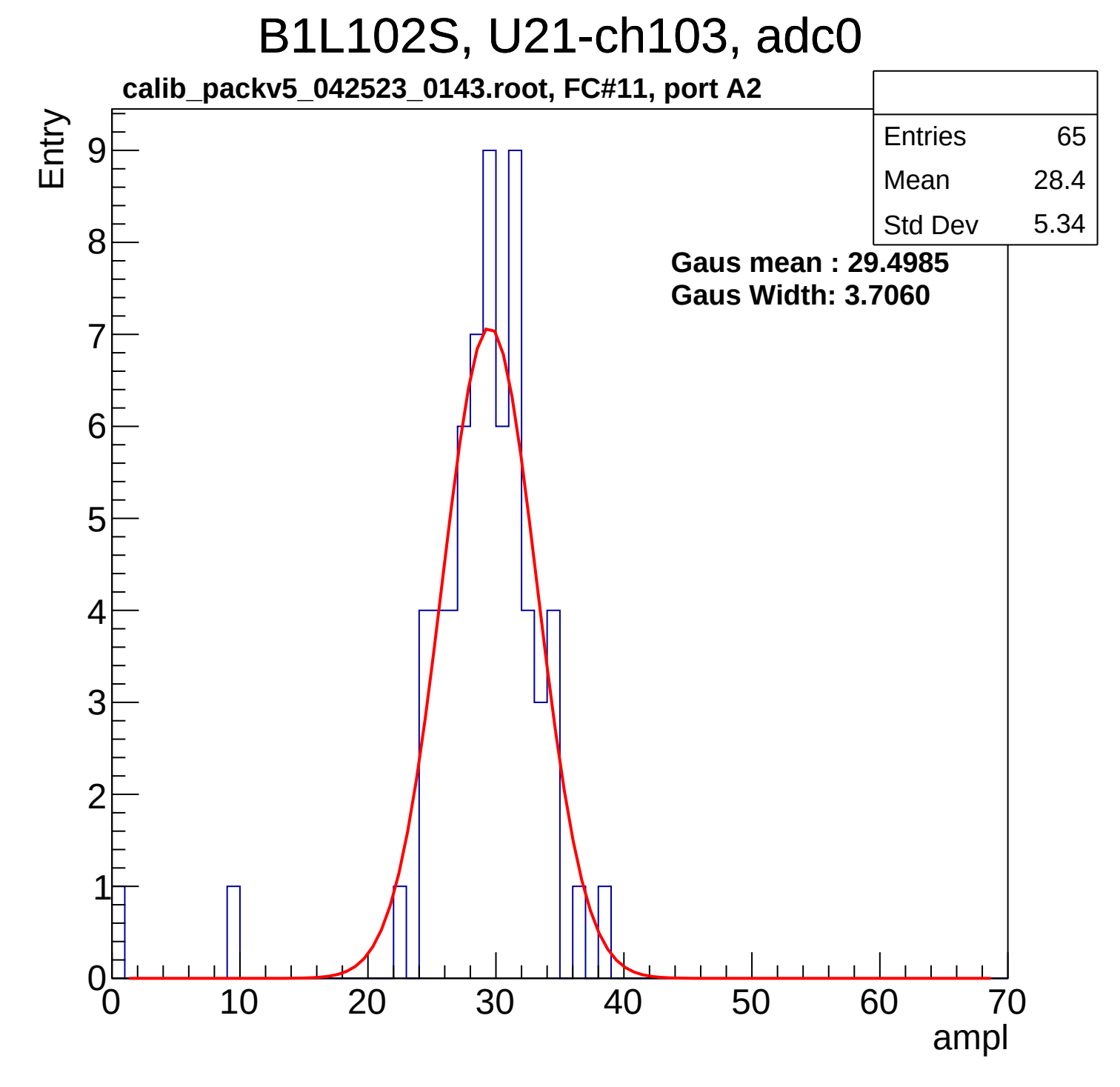
40
50
60
70


B1L102S, U21-ch102, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch103, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 28.4
Std Dev 5.34
Gaus mean : 29.4985
Gaus Width: 3.7060
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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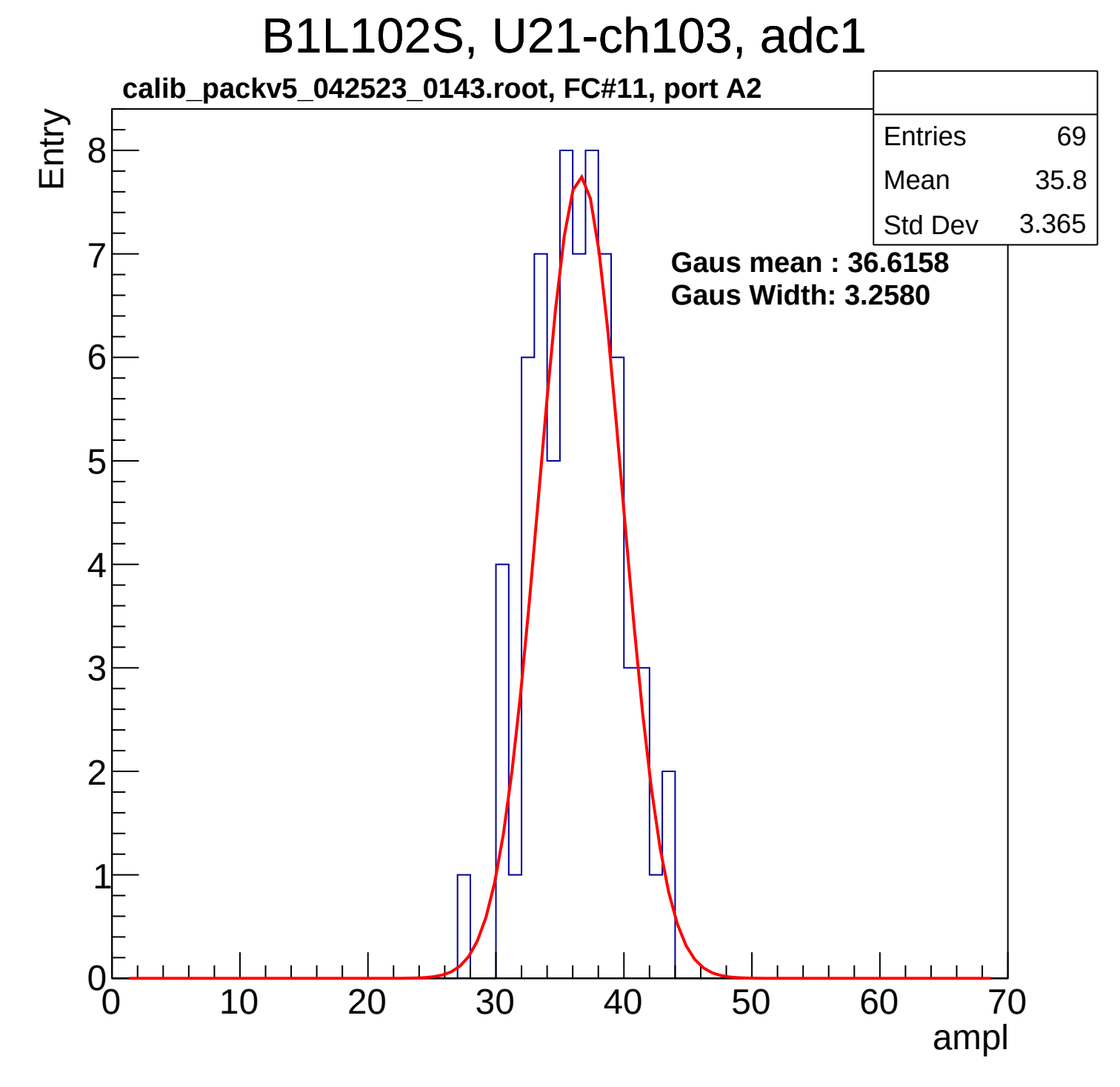
B1L102S, U21-ch103, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 35.8
Std Dev 3.365
Gaus mean : 36.6158
Gaus Width: 3.2580
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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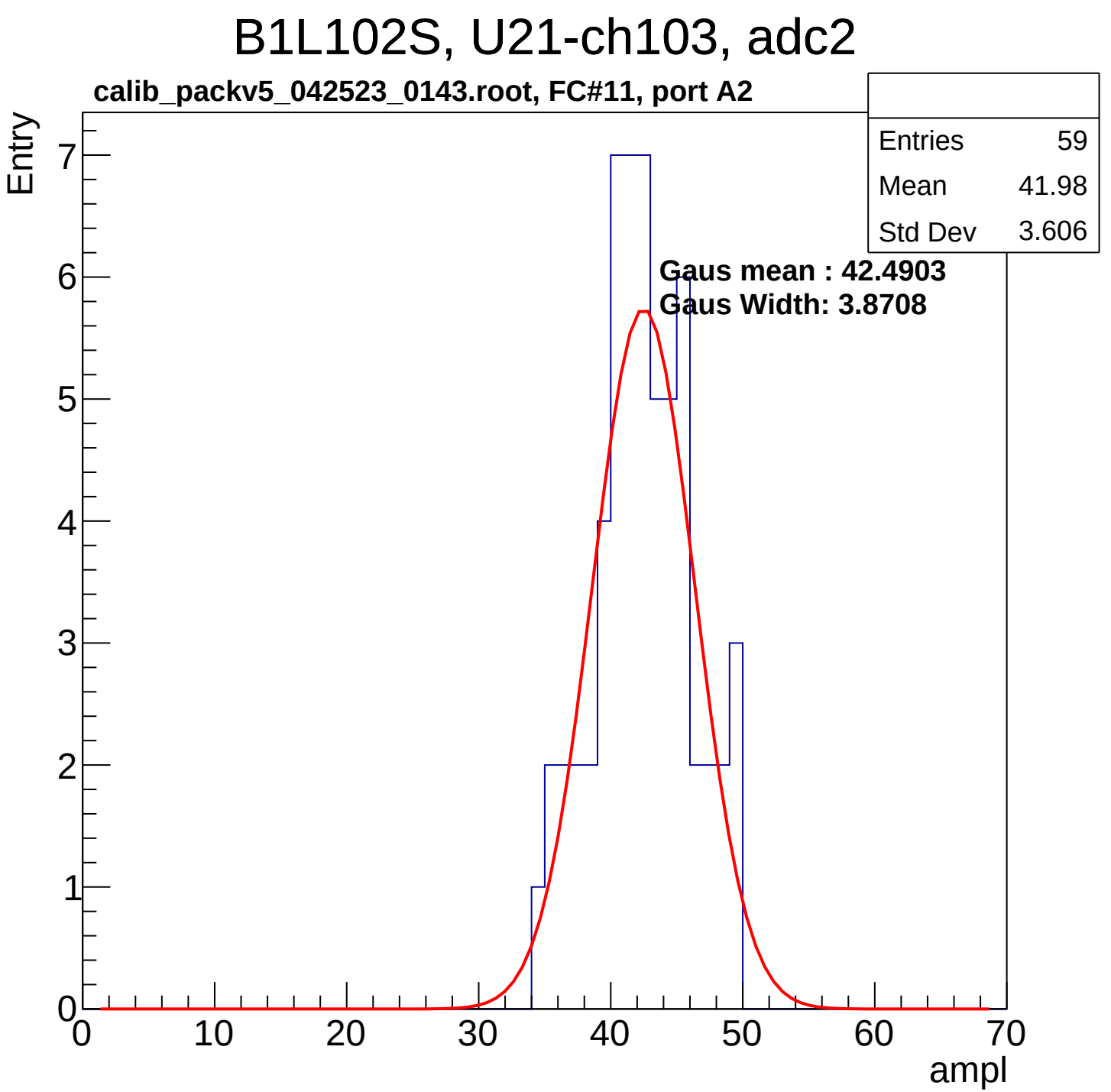
B1L102S, U21-ch103, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 41.98
Std Dev 3.606
Gaus mean : 42.4903
Gaus Width: 3.8708
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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60
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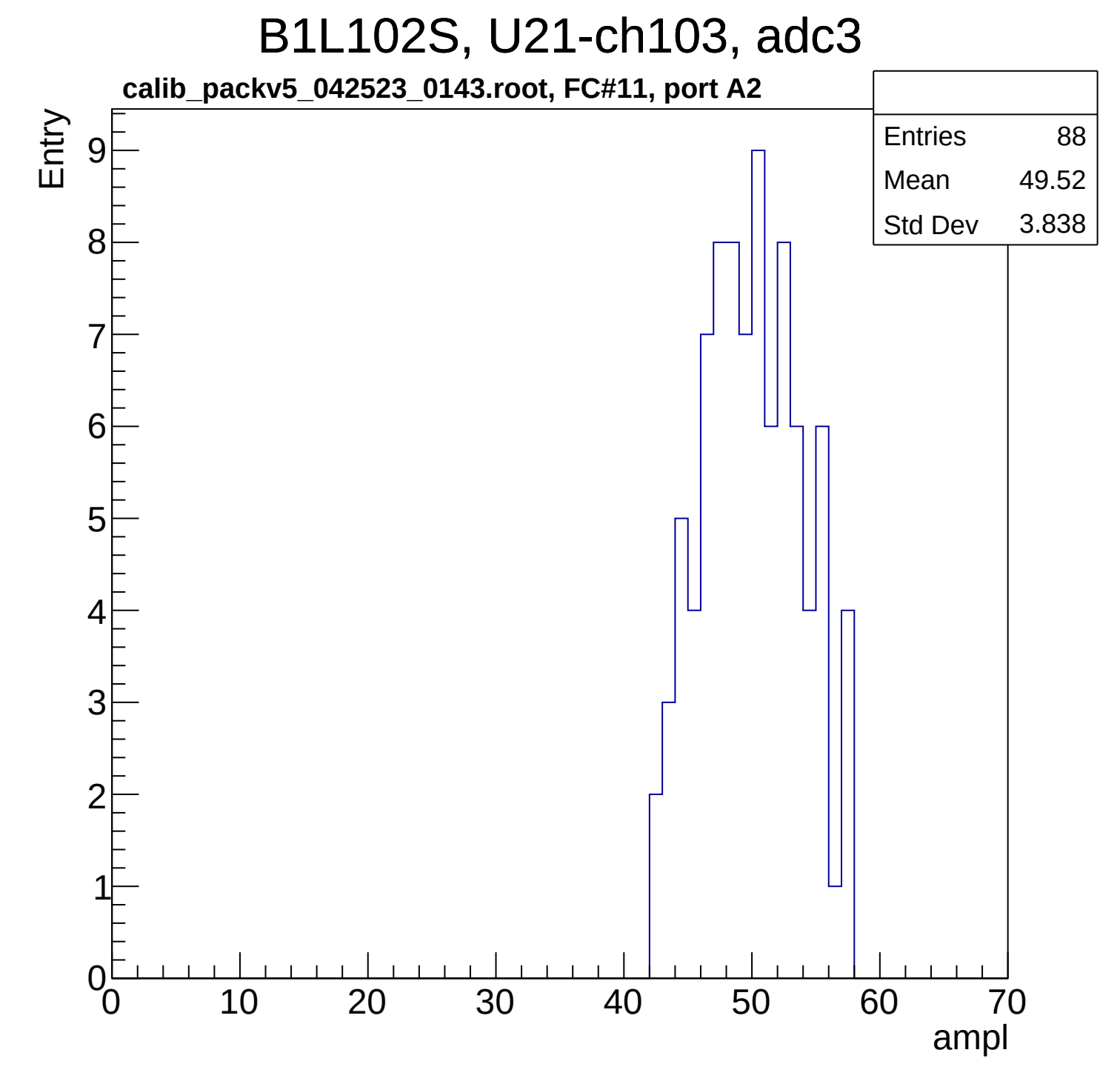
B1L102S, U21-ch103, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 88
Mean 49.52
Std Dev 3.838
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
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40
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60
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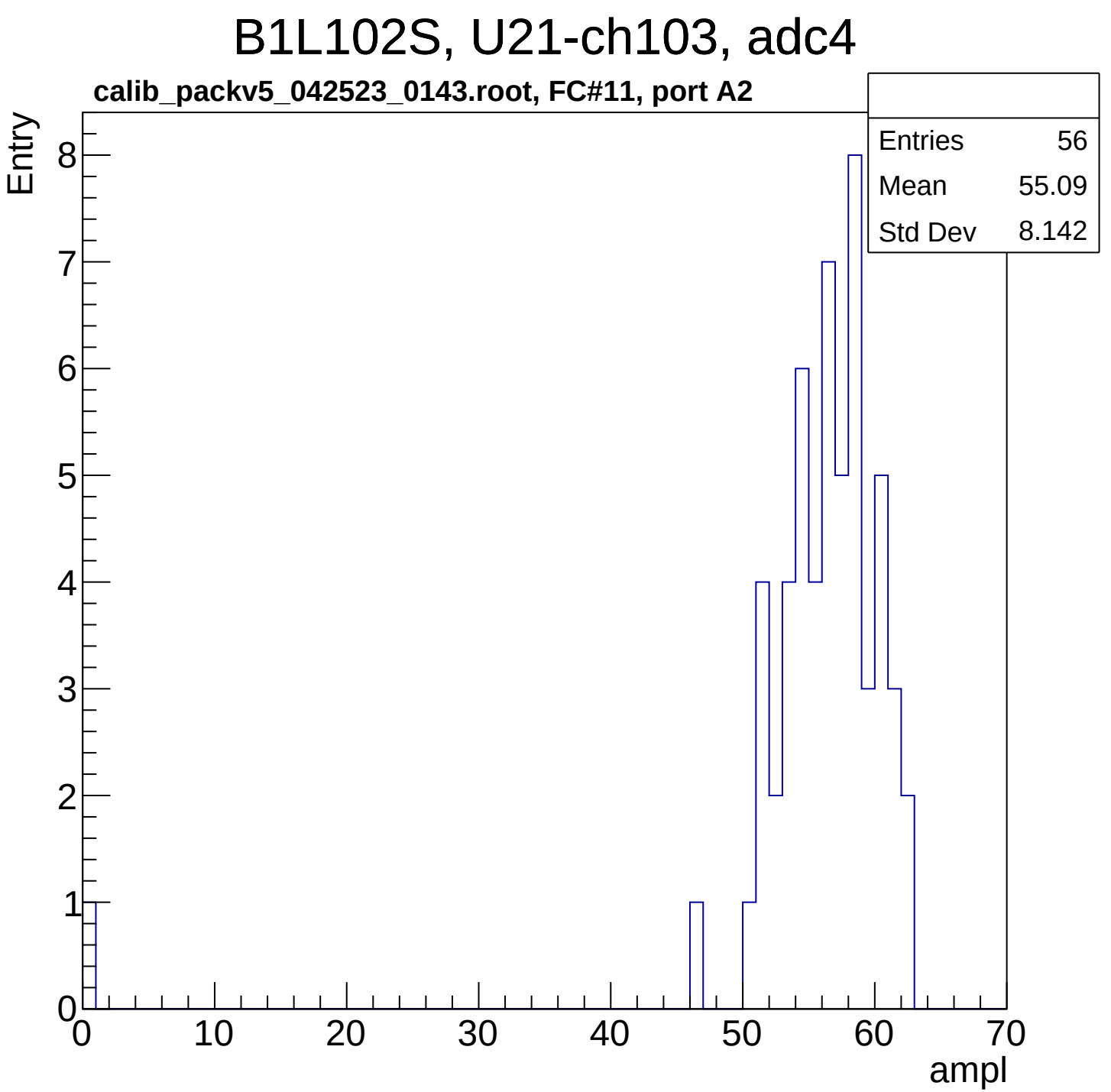
B1L102S, U21-ch103, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 55.09
Std Dev 8.142
Entry
ampl
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6
7
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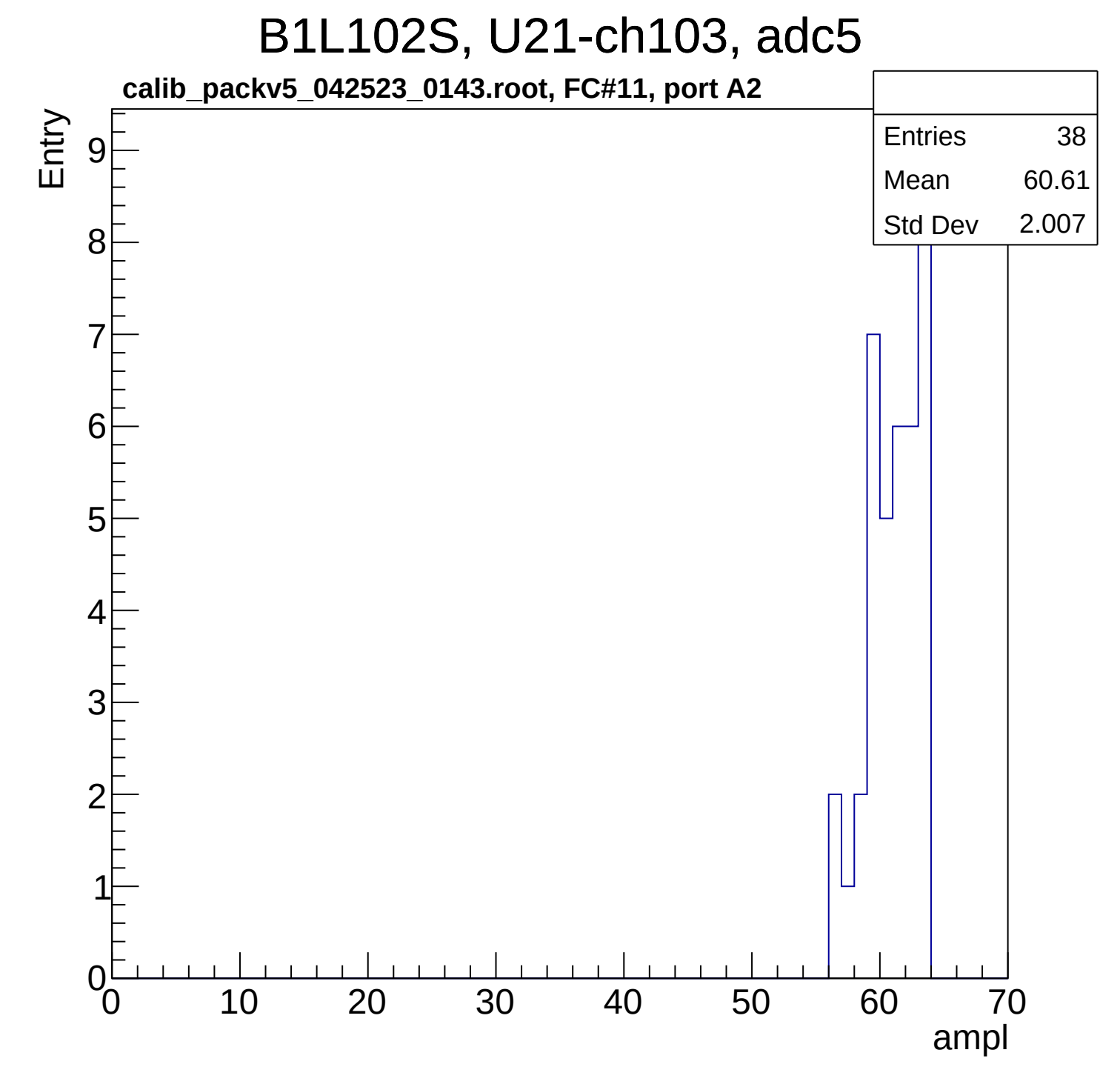
B1L102S, U21-ch103, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 38
Mean 60.61
Std Dev 2.007
Entry
ampl
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3
4
5
6
7
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9
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60
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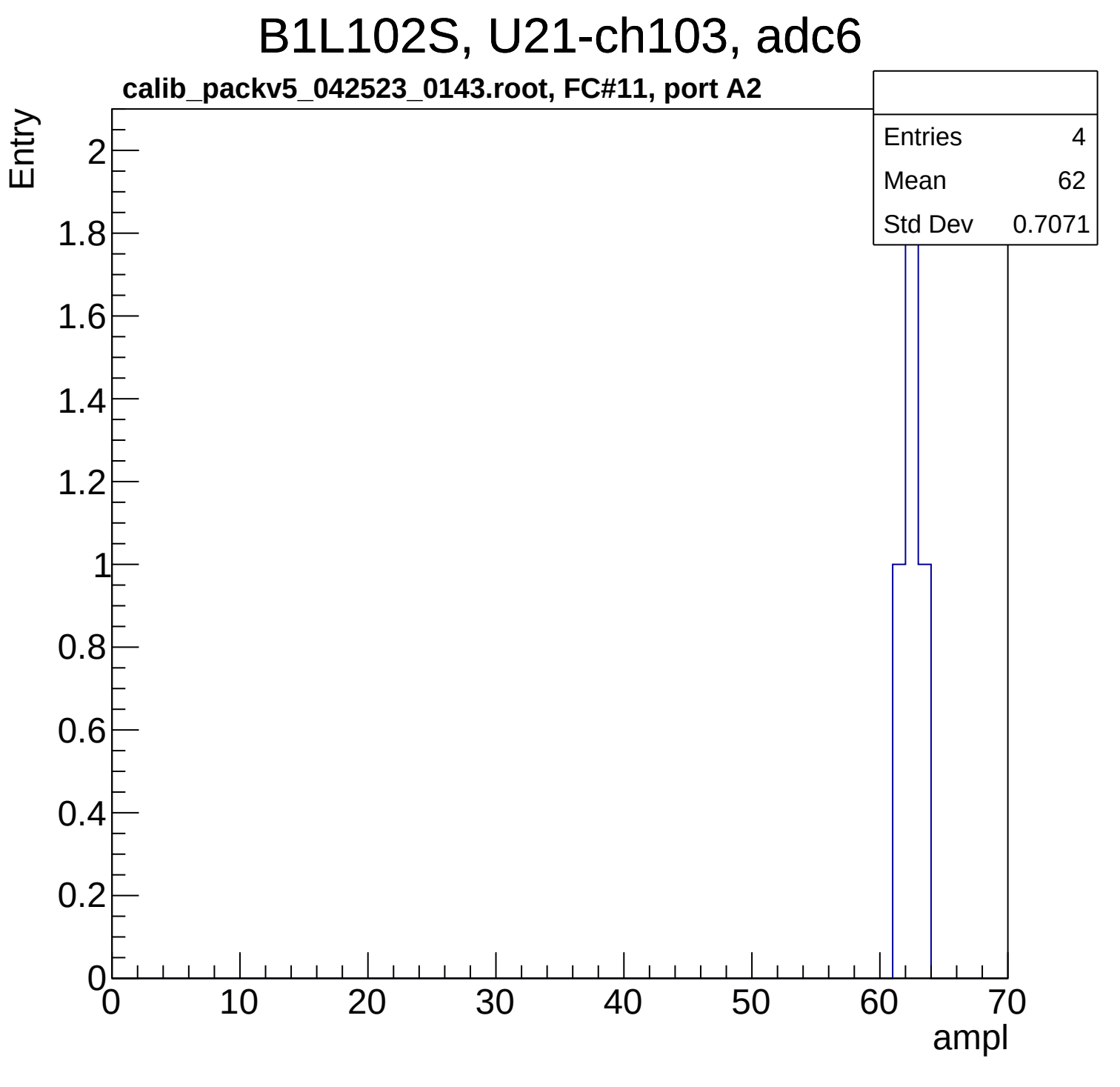
B1L102S, U21-ch103, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 62
Std Dev 0.7071
Entry
ampl
0
0.2
0.4
0.6
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1.2
1.4
1.6
1.8
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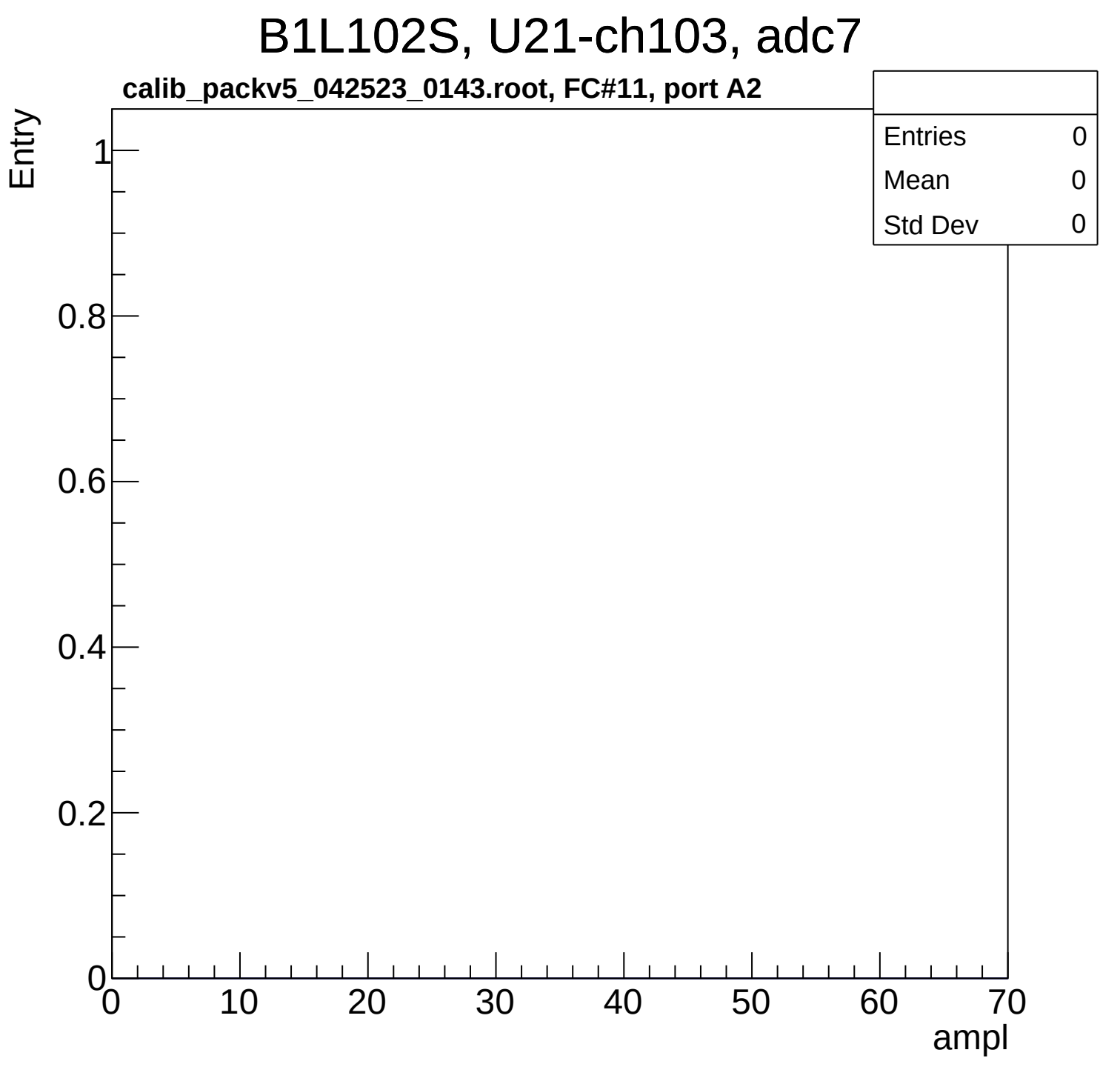
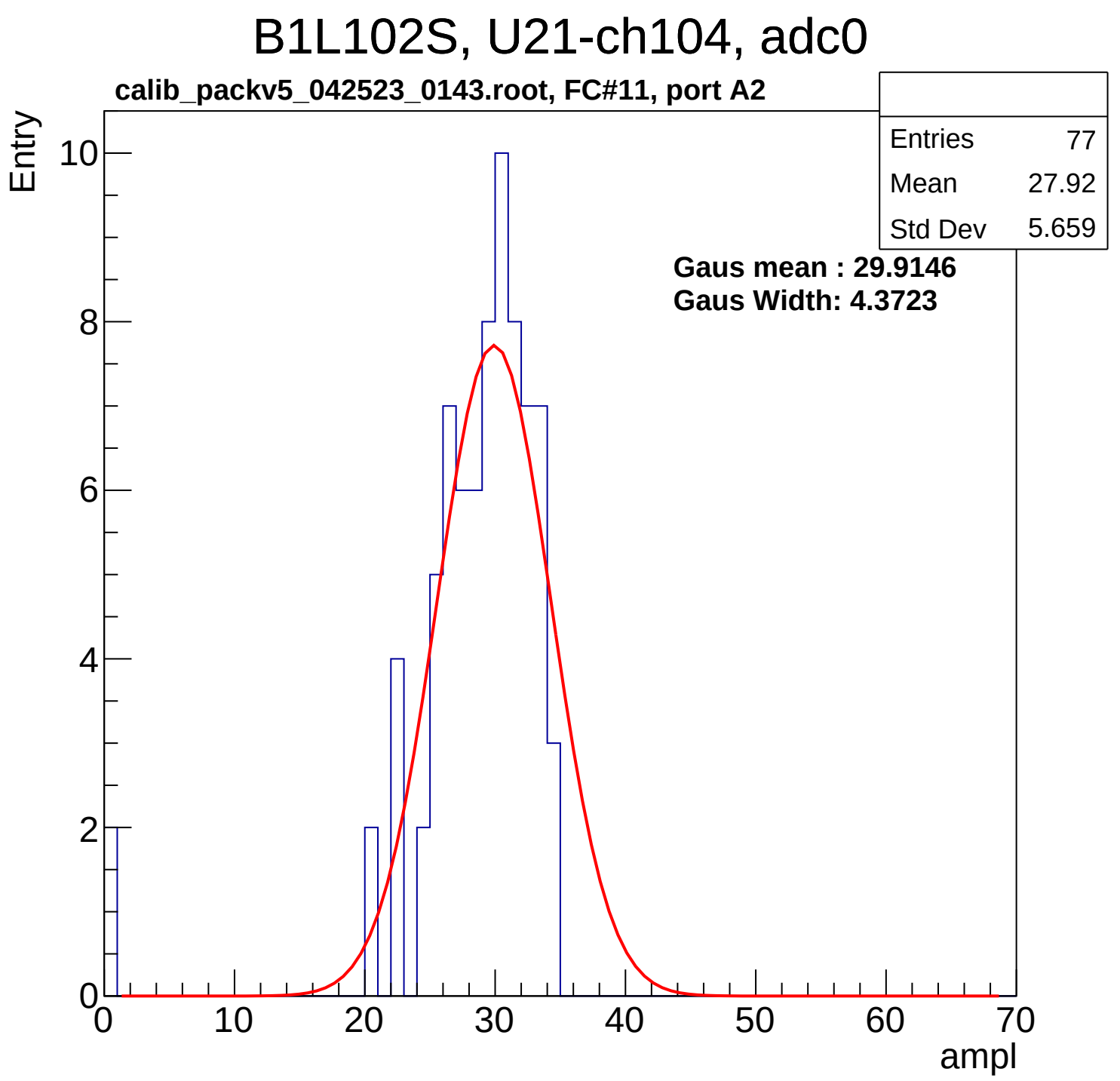
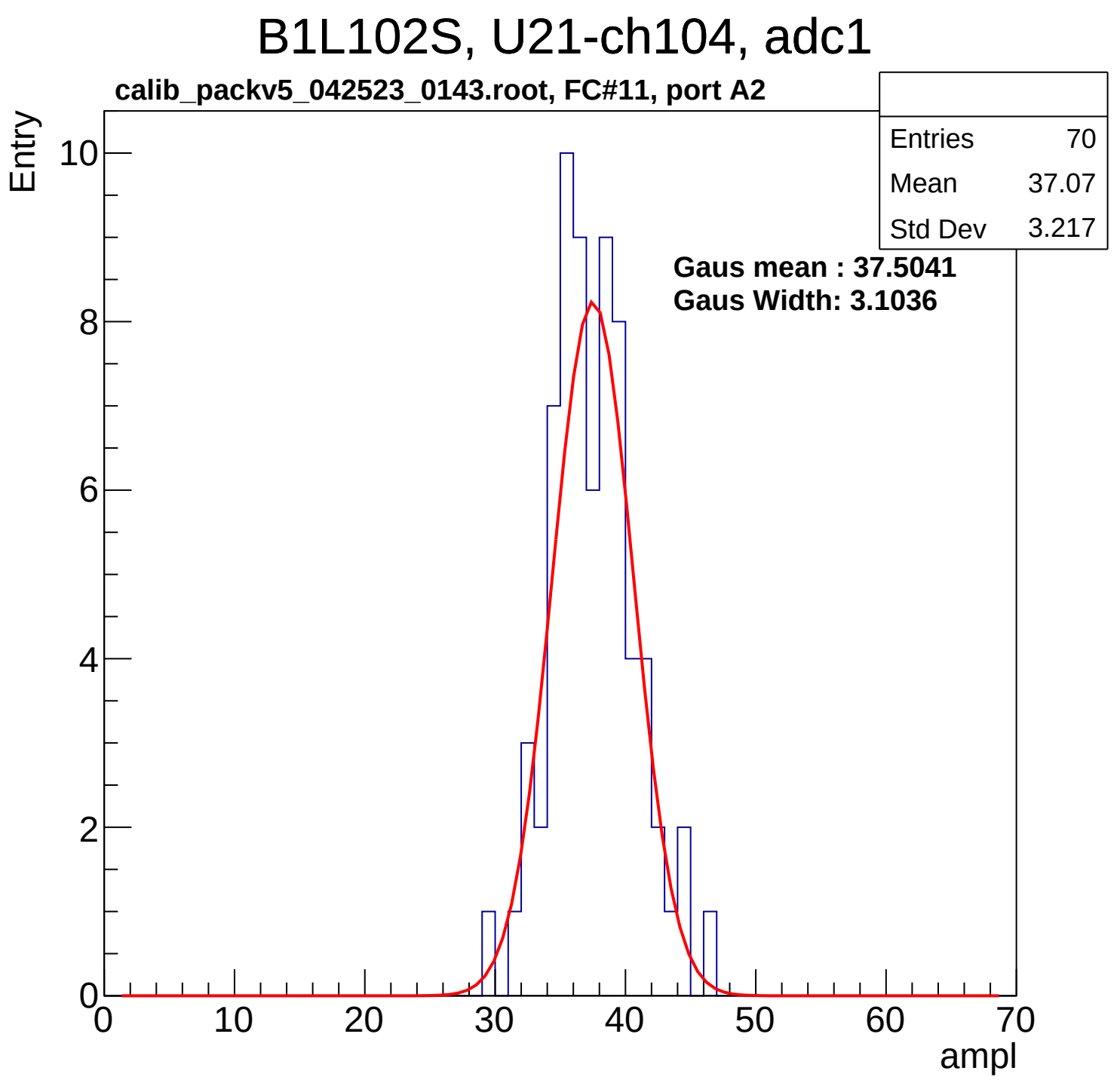
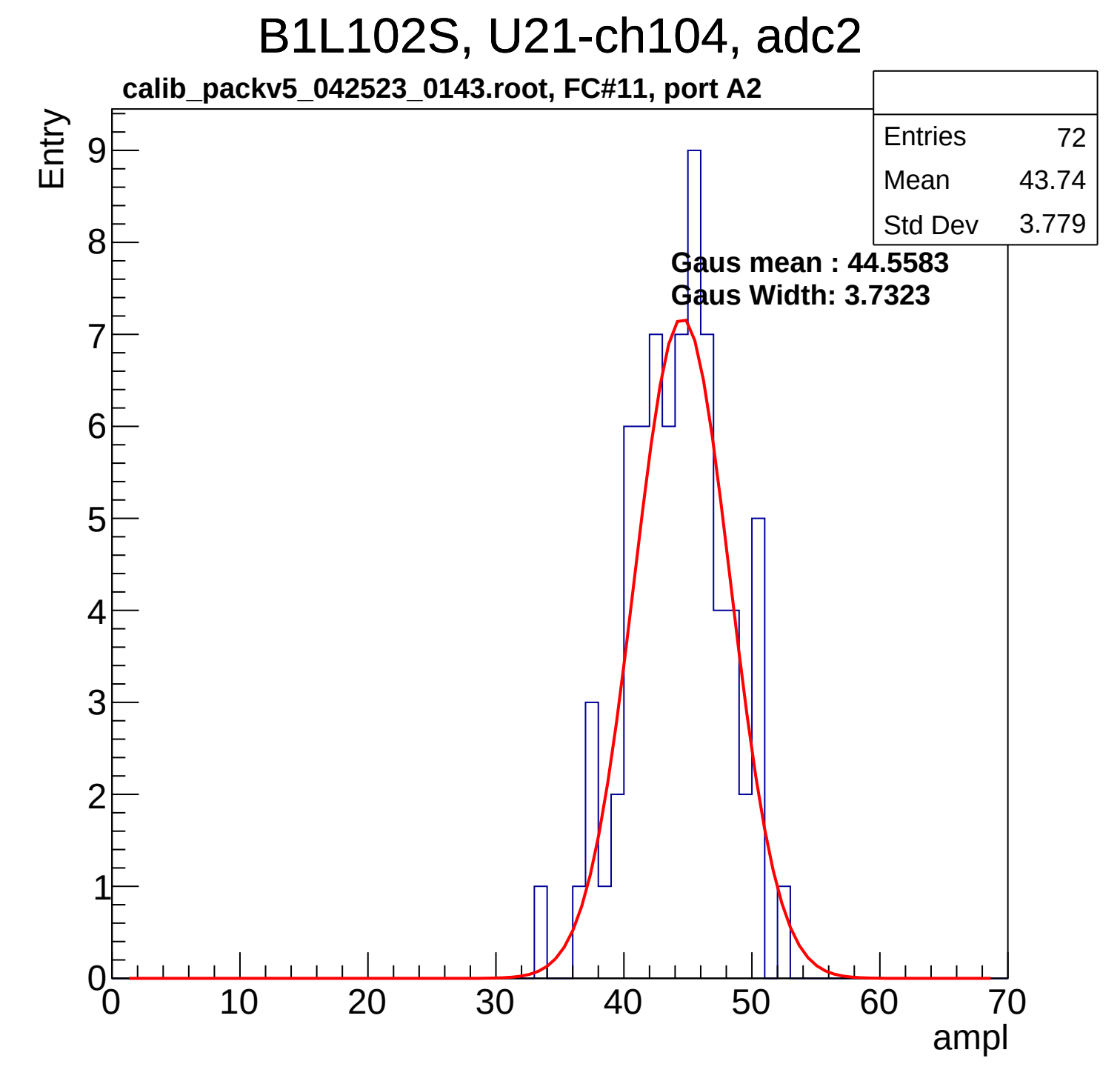

B1L102S, U21-ch103, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch104, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 27.92
Std Dev 5.659
Gaus mean : 29.9146
Gaus Width: 4.3723
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch104, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 37.07
Std Dev 3.217
Gaus mean : 37.5041
Gaus Width: 3.1036
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch104, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 43.74
Std Dev 3.779
Gaus mean : 44.5583
Gaus Width: 3.7323
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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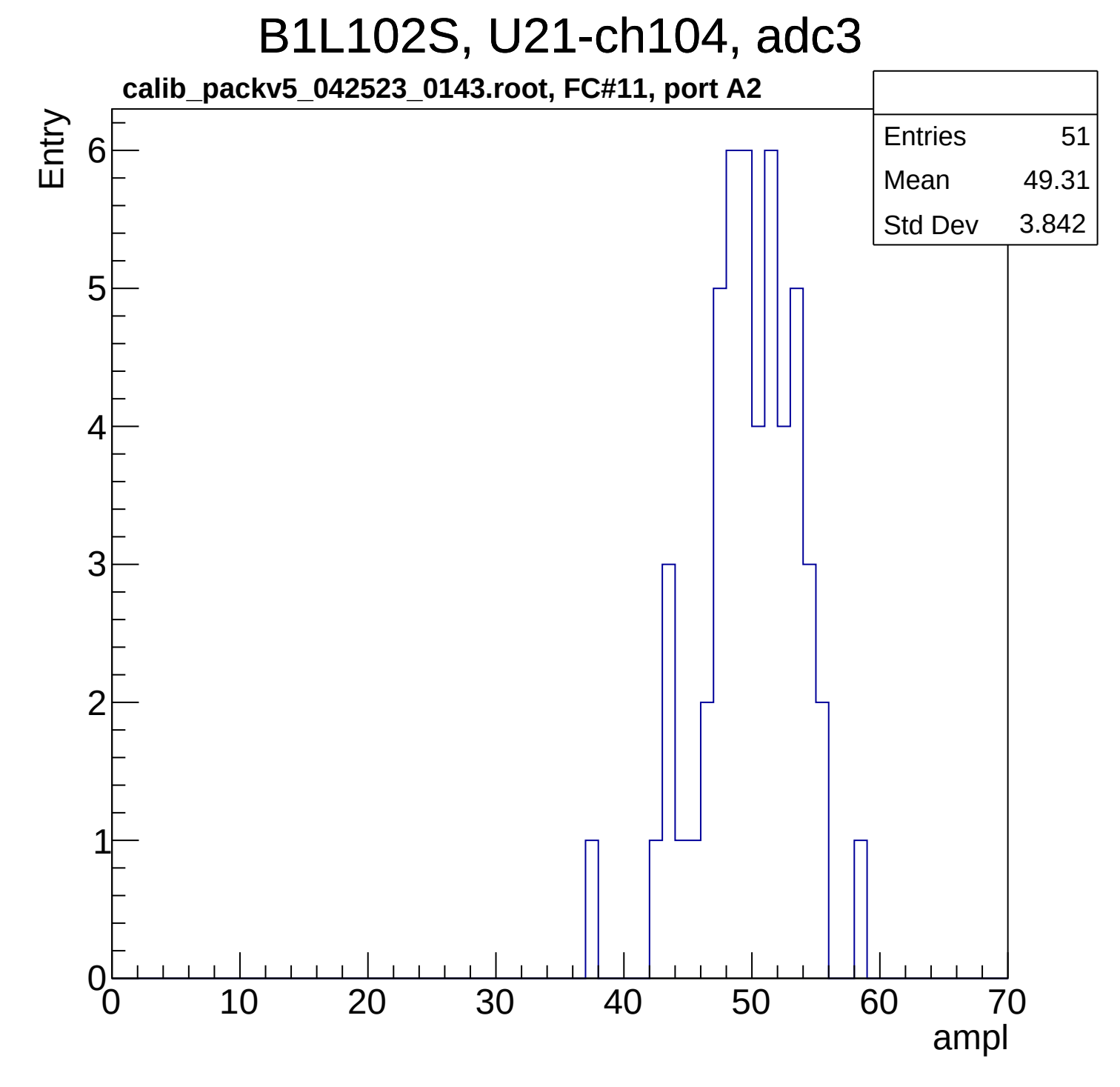
B1L102S, U21-ch104, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 49.31
Std Dev 3.842
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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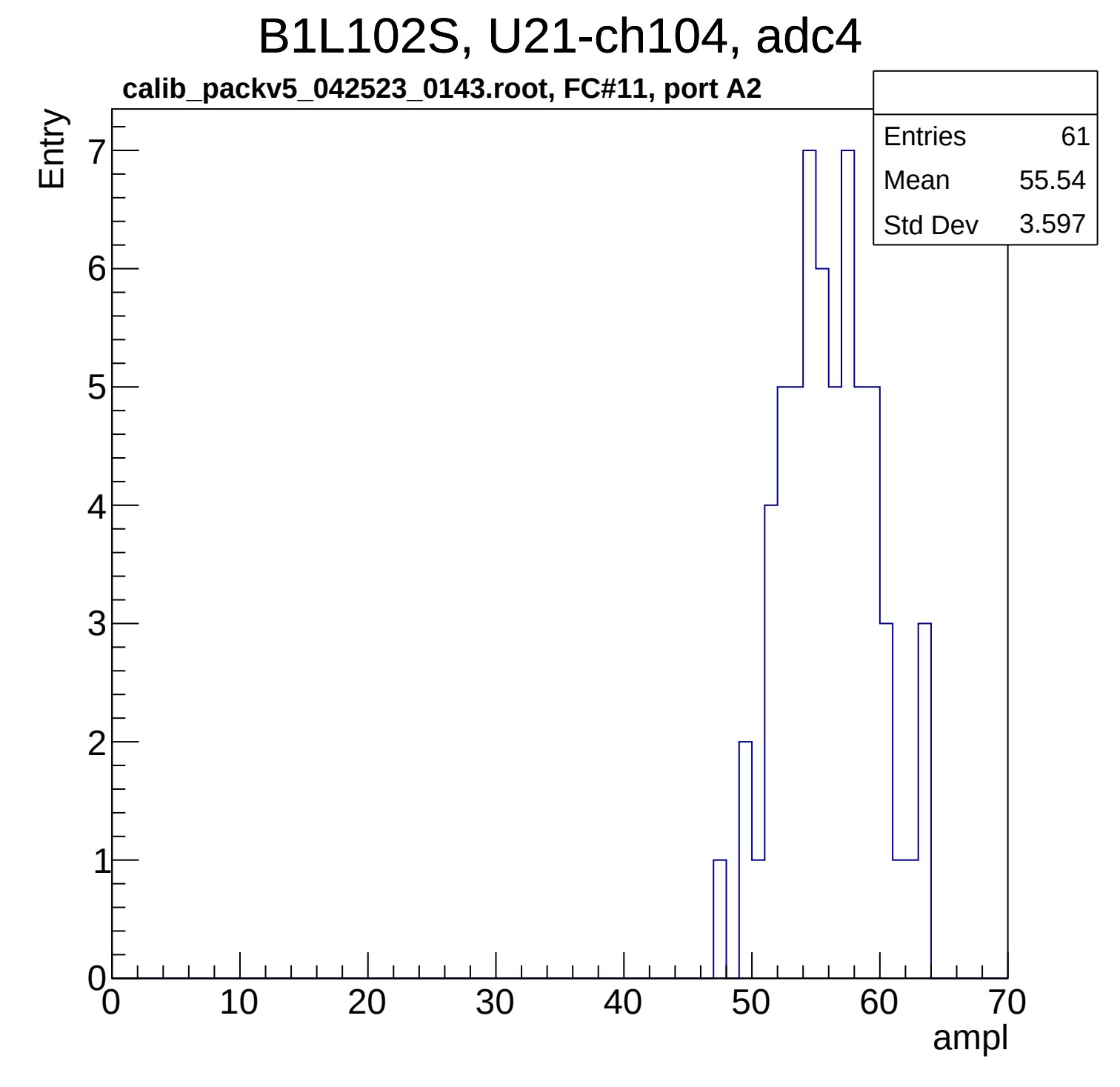
B1L102S, U21-ch104, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 55.54
Std Dev 3.597
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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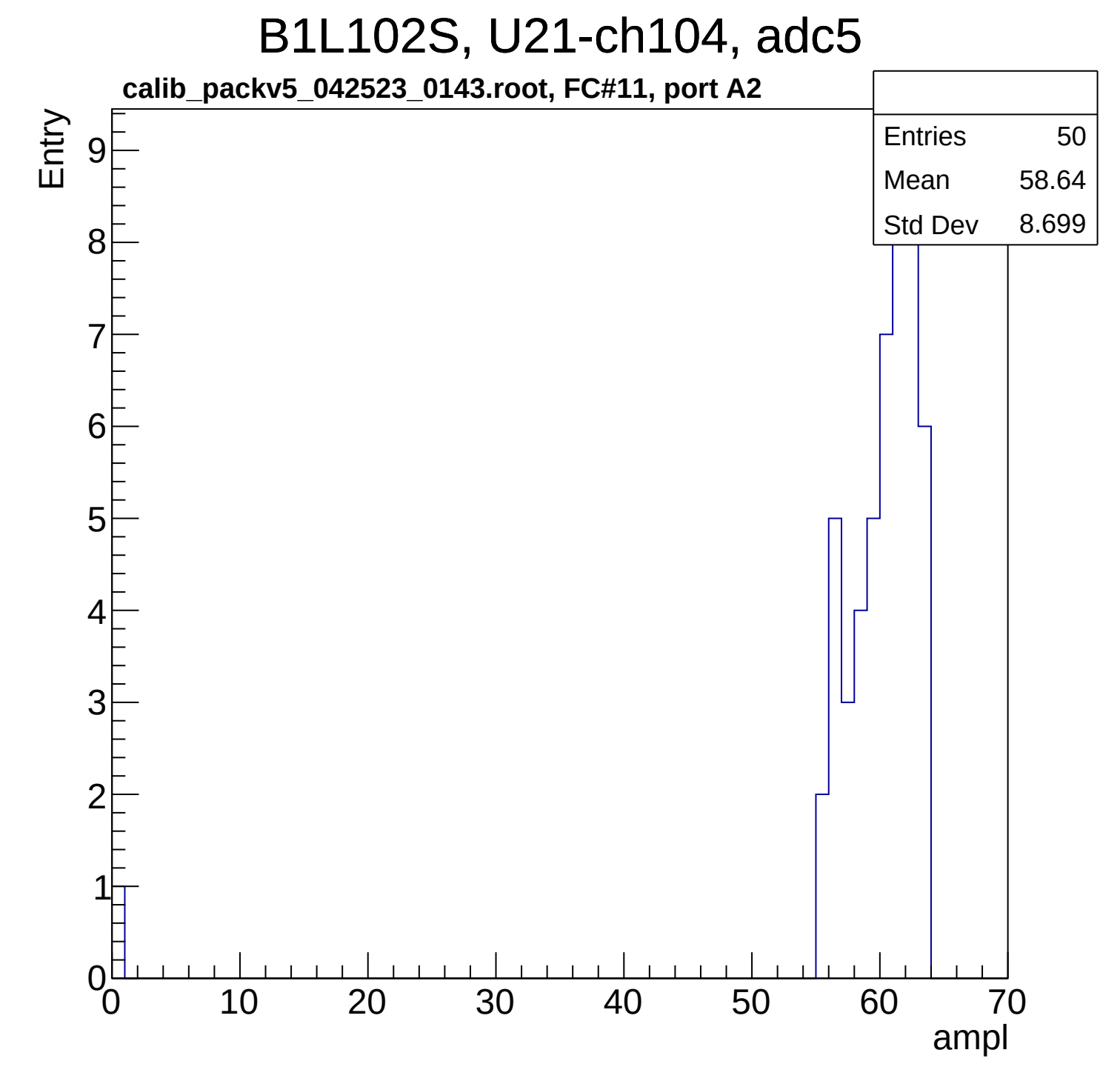
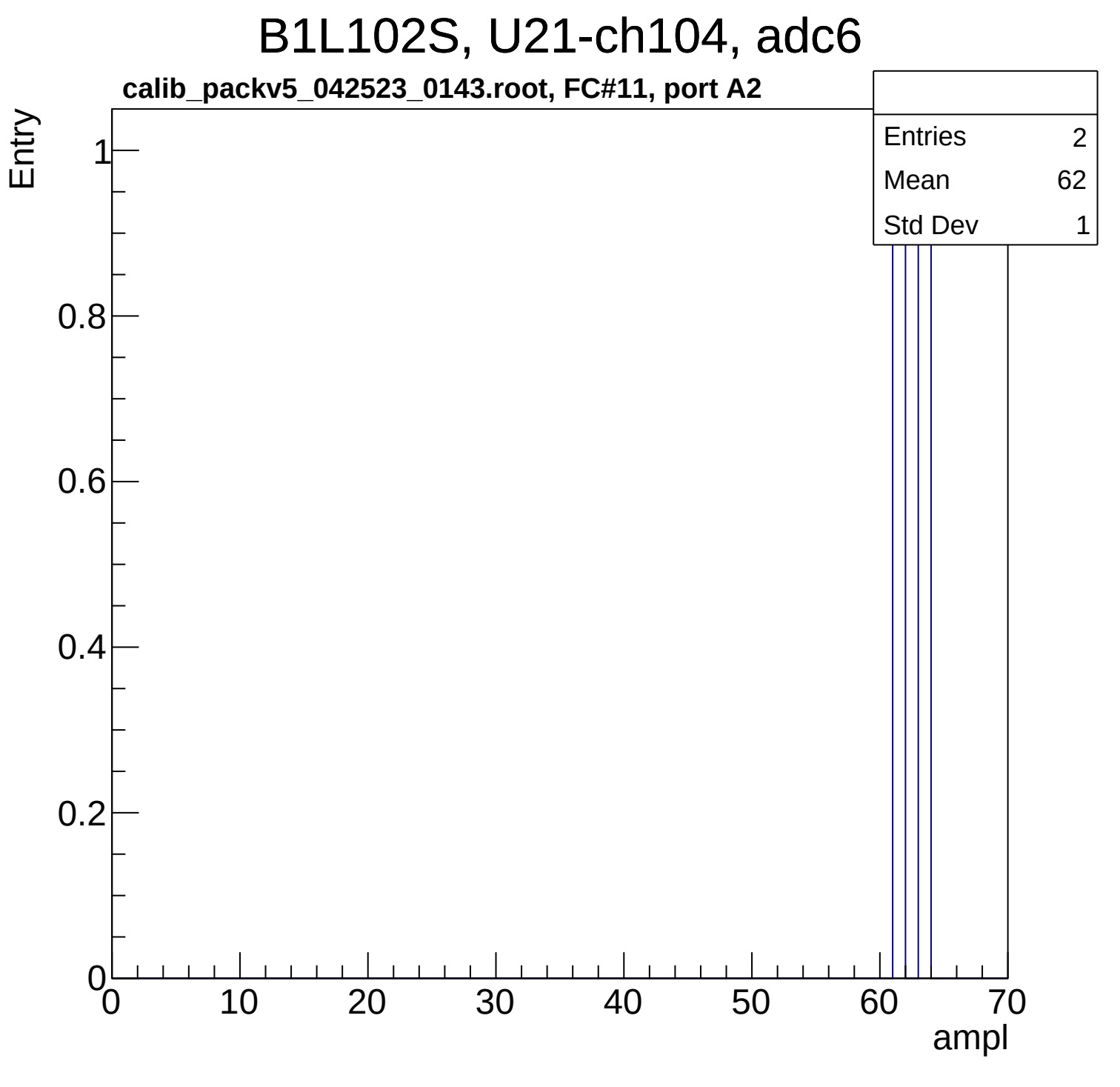
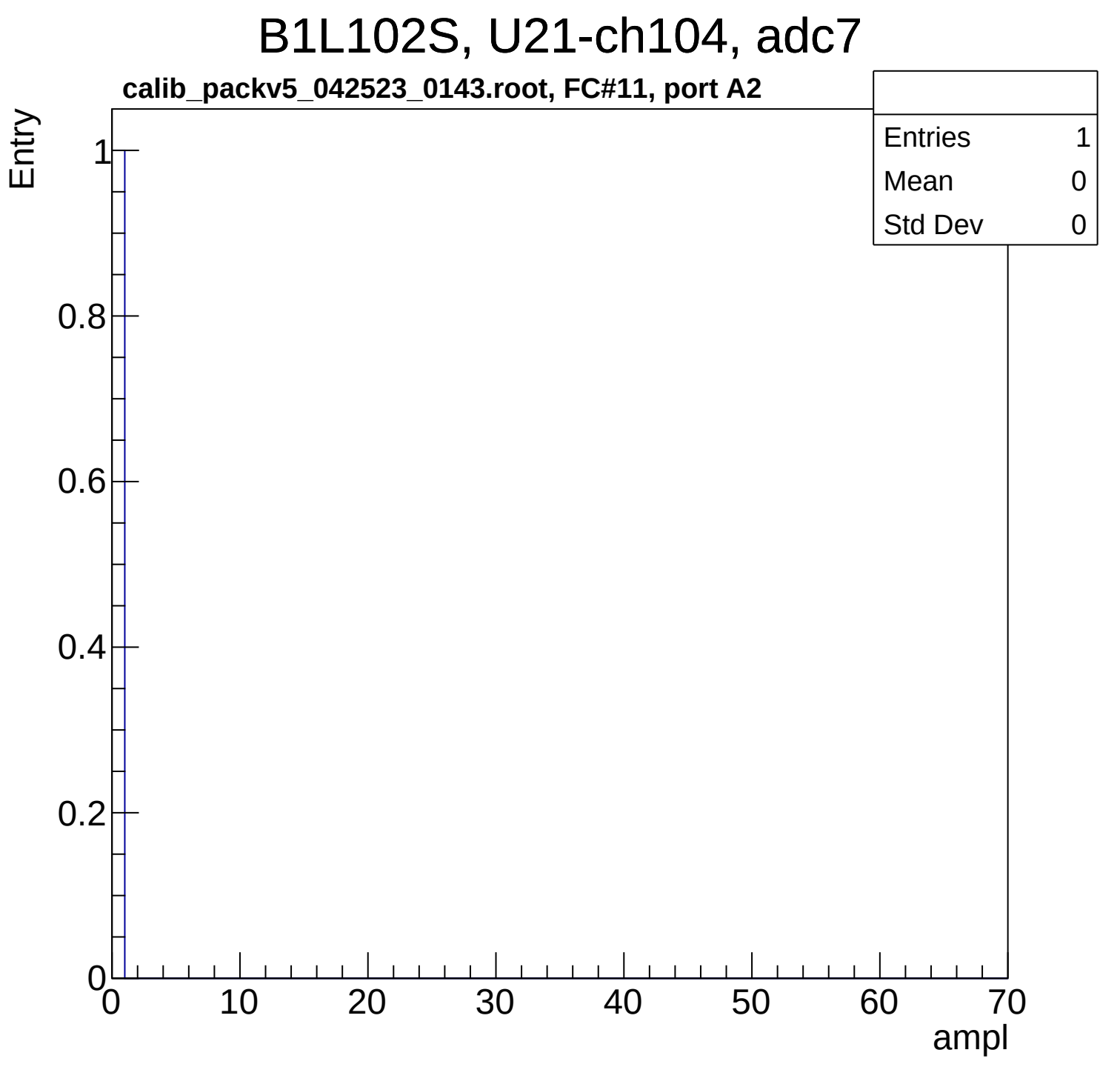

B1L102S, U21-ch104, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 50
Mean 58.64
Std Dev 8.699
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch104, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 62
Std Dev 1
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch104, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 0
Std Dev 0
Entry
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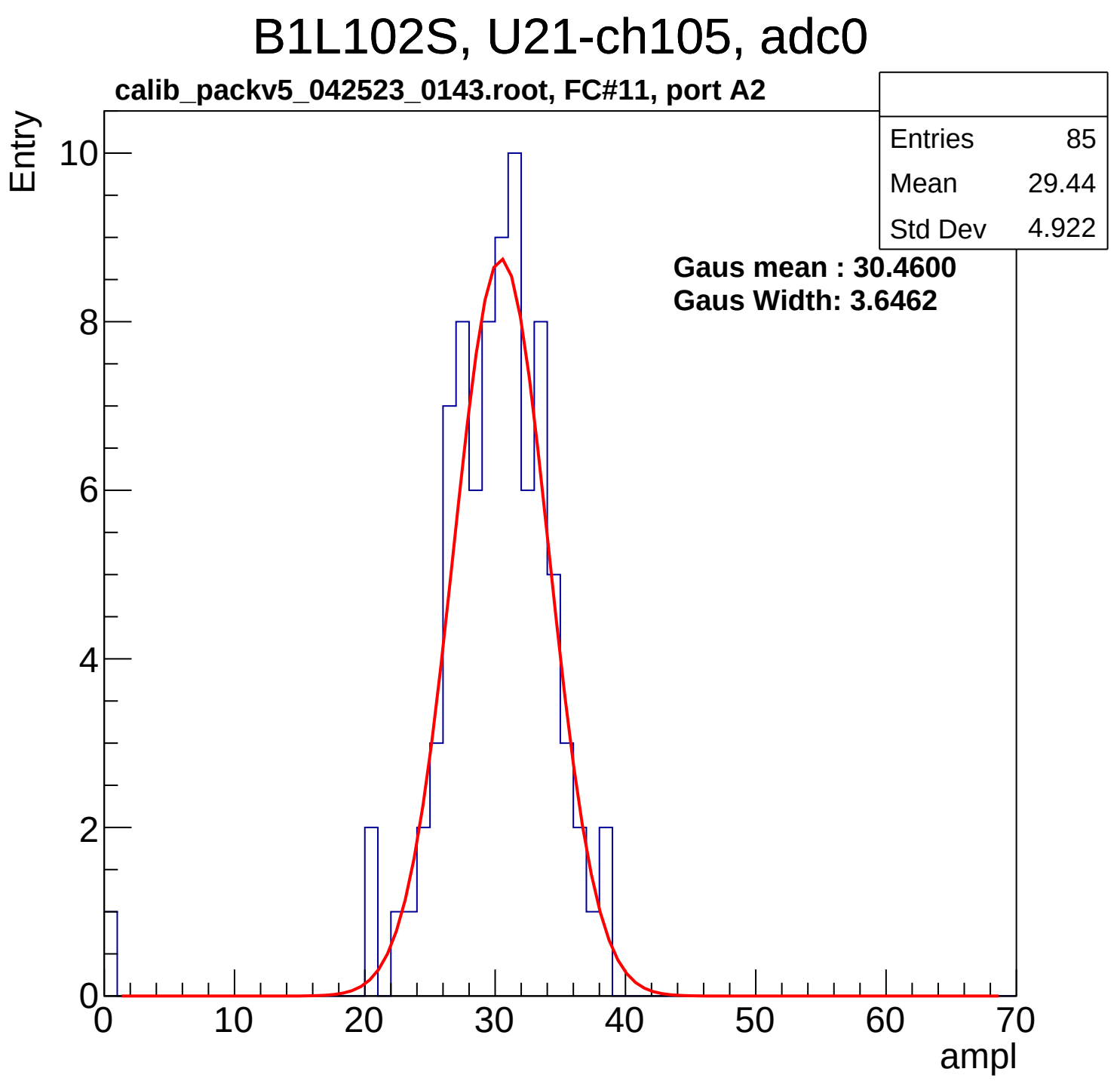
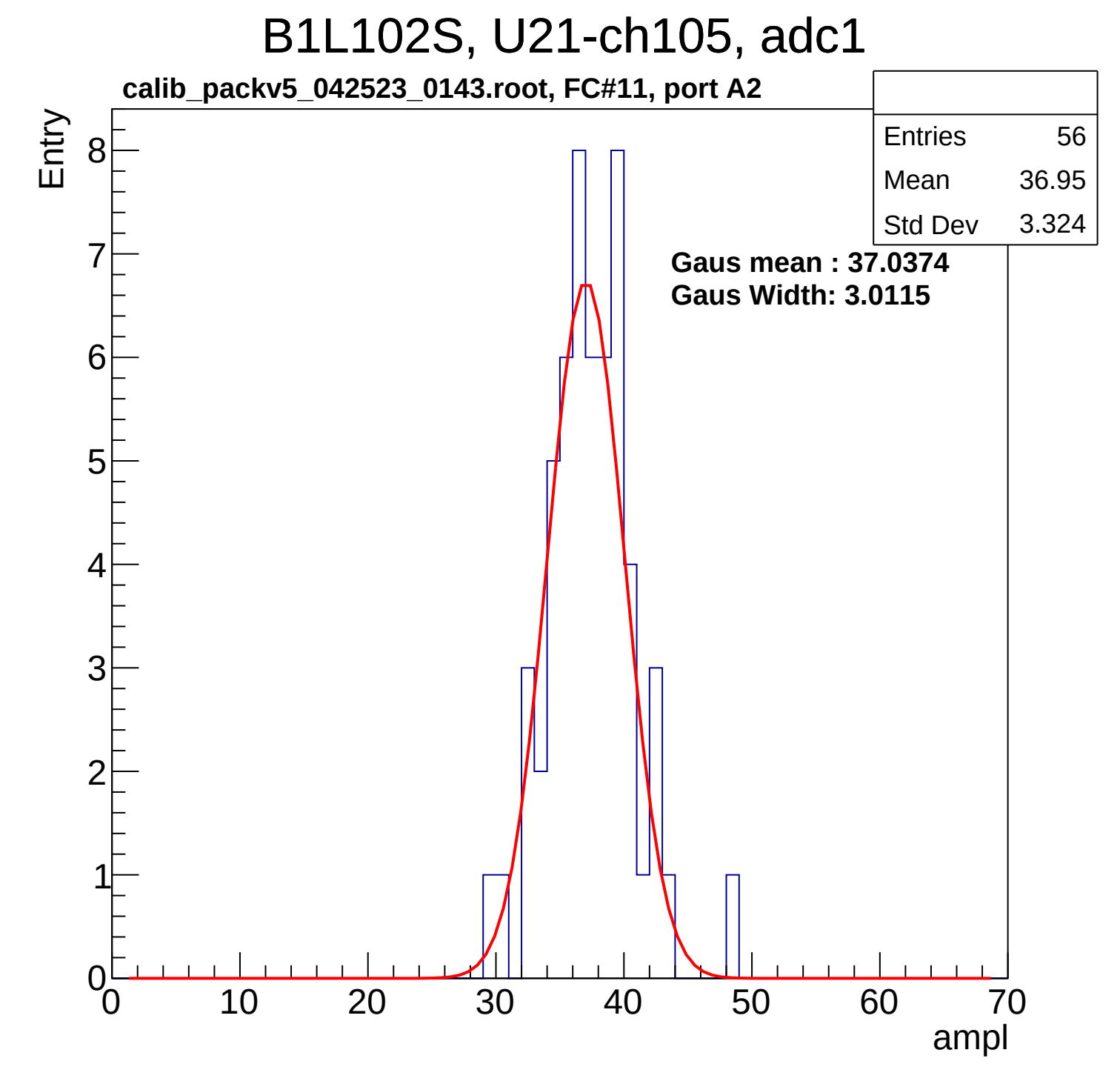
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch105, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 85
Mean 29.44
Std Dev 4.922
Gaus mean : 30.4600
Gaus Width: 3.6462
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch105, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 36.95
Std Dev 3.324
Gaus mean : 37.0374
Gaus Width: 3.0115
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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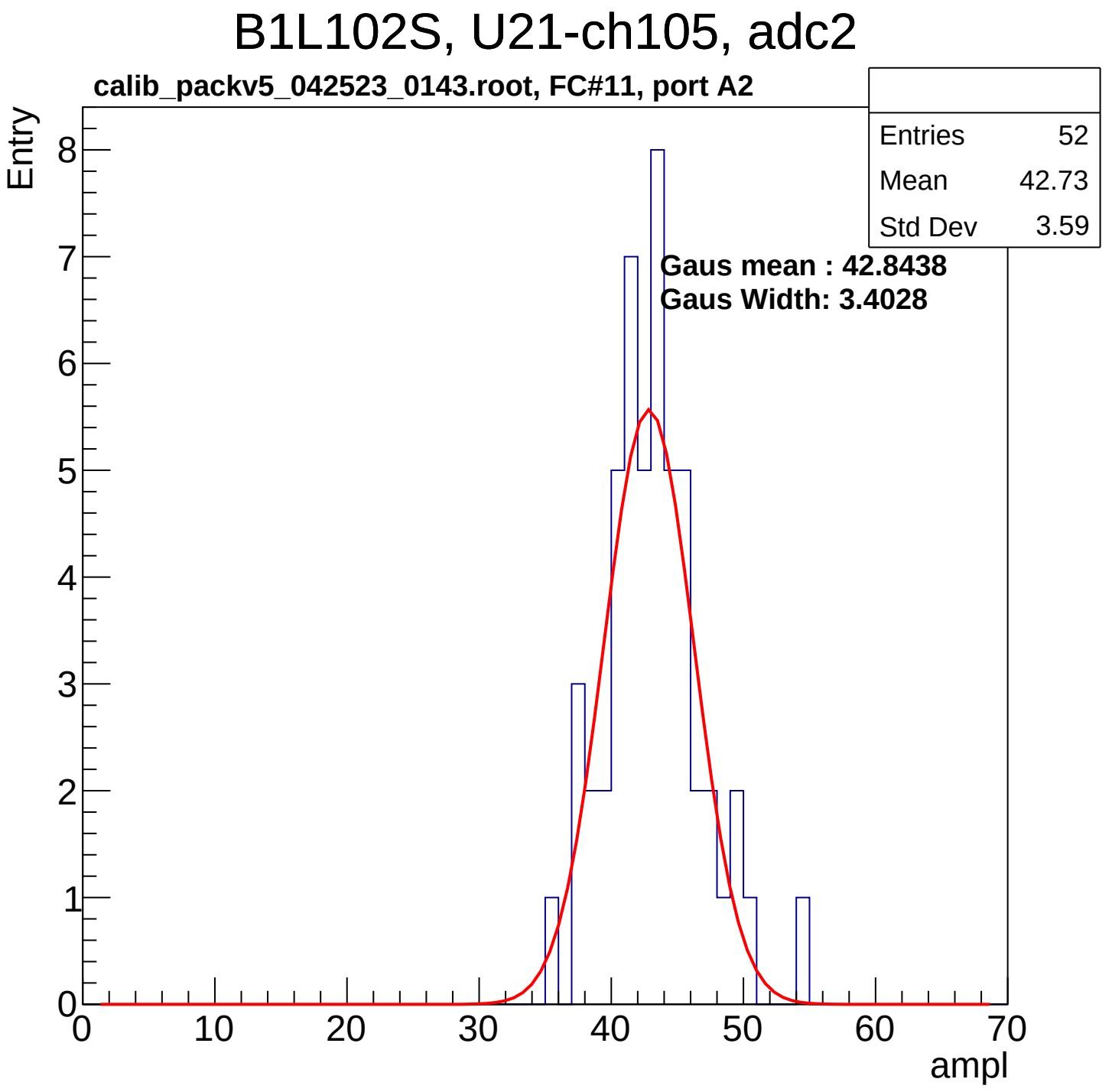
B1L102S, U21-ch105, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 42.73
Std Dev 3.59
Gaus mean : 42.8438
Gaus Width: 3.4028
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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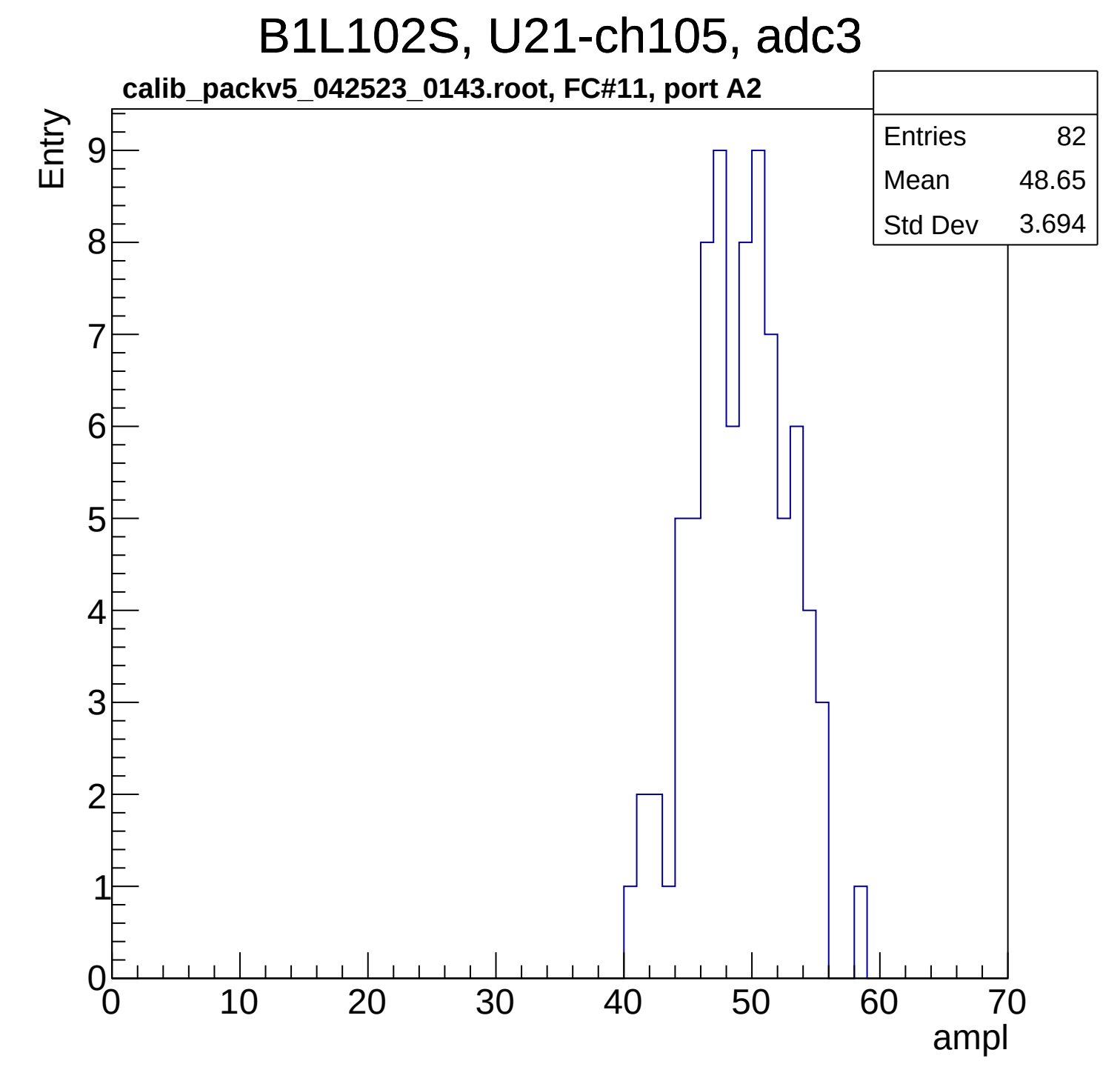
B1L102S, U21-ch105, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 82
Mean 48.65
Std Dev 3.694
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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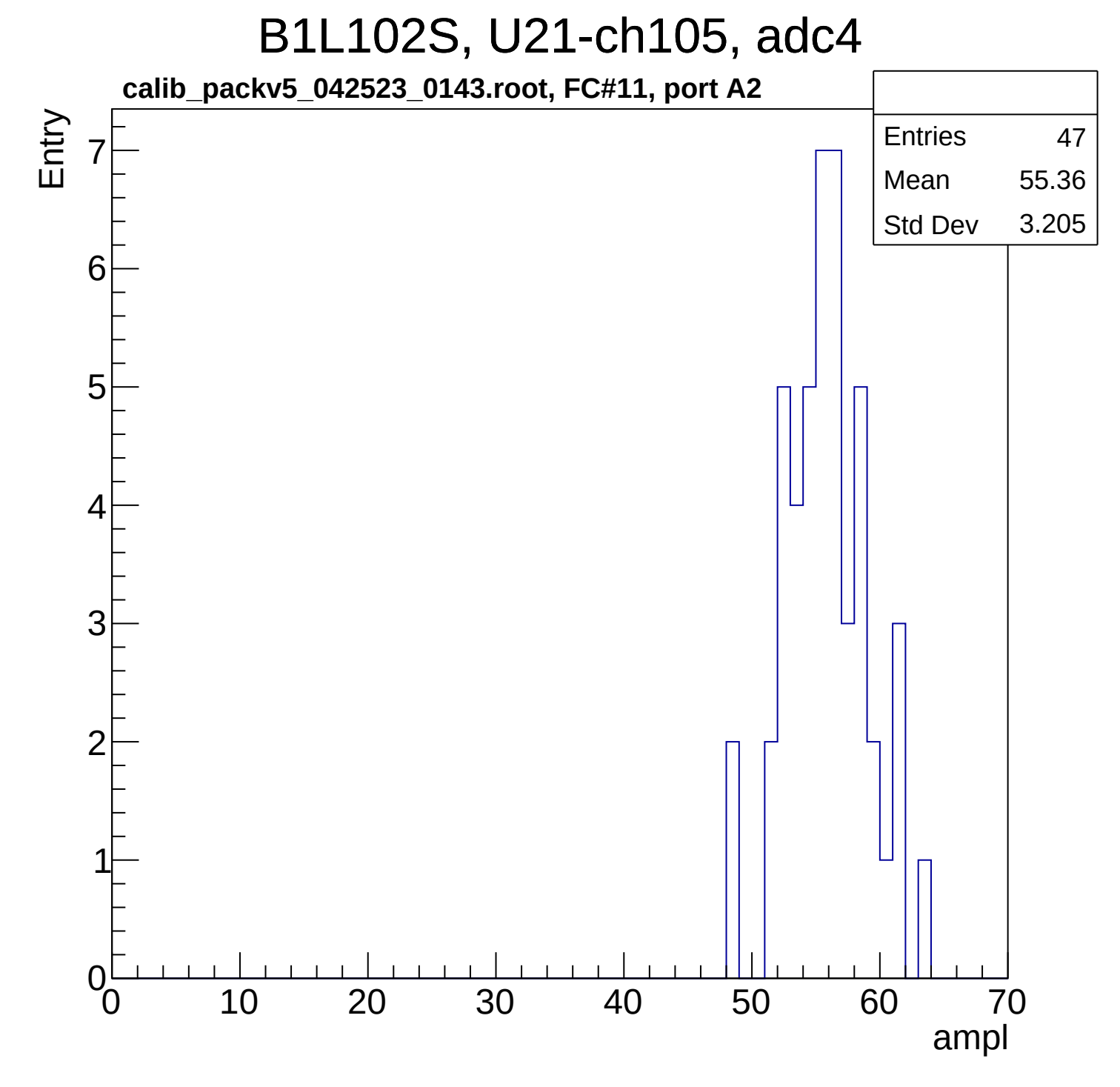
B1L102S, U21-ch105, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 47
Mean 55.36
Std Dev 3.205
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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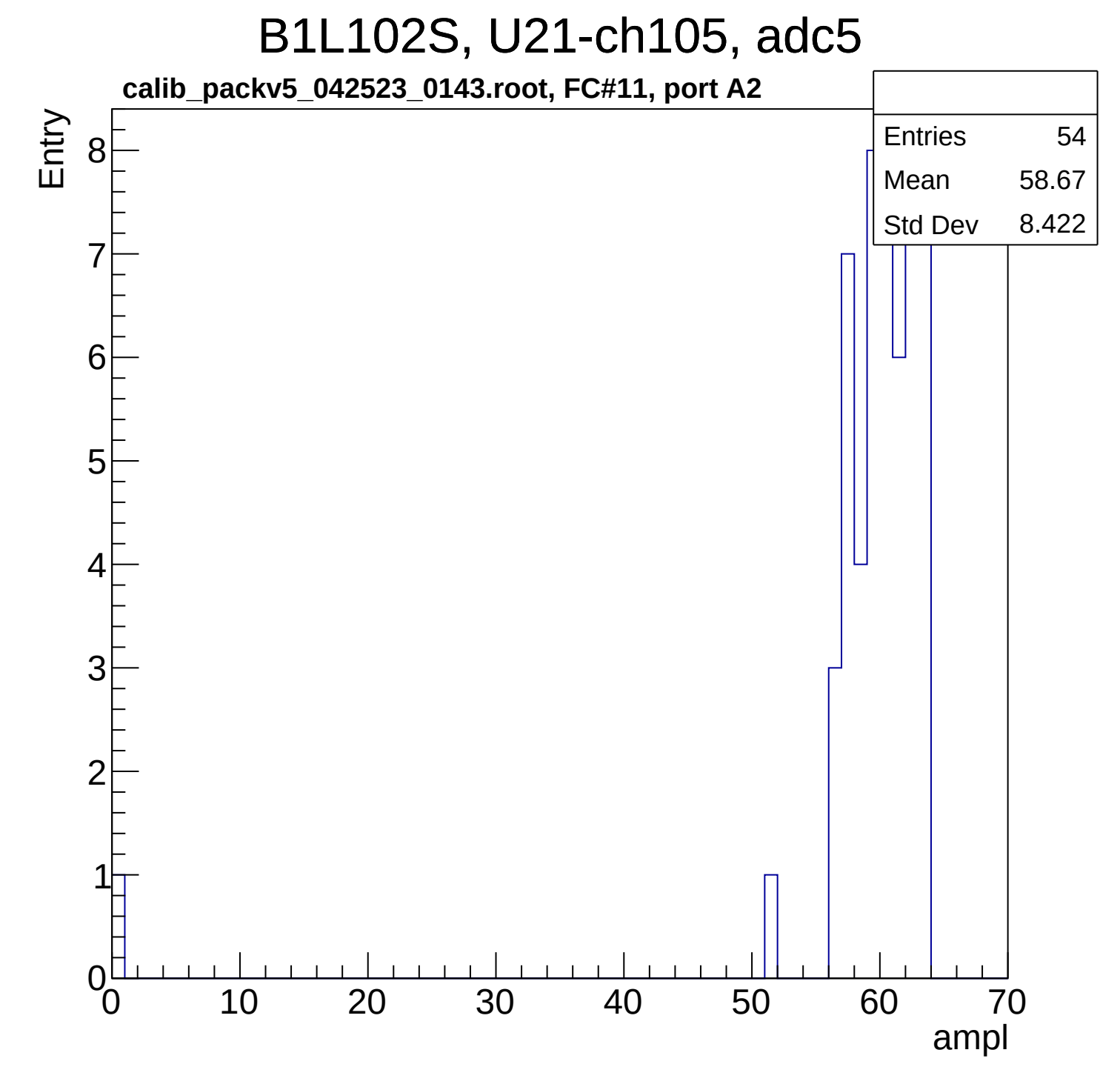
B1L102S, U21-ch105, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 58.67
Std Dev 8.422
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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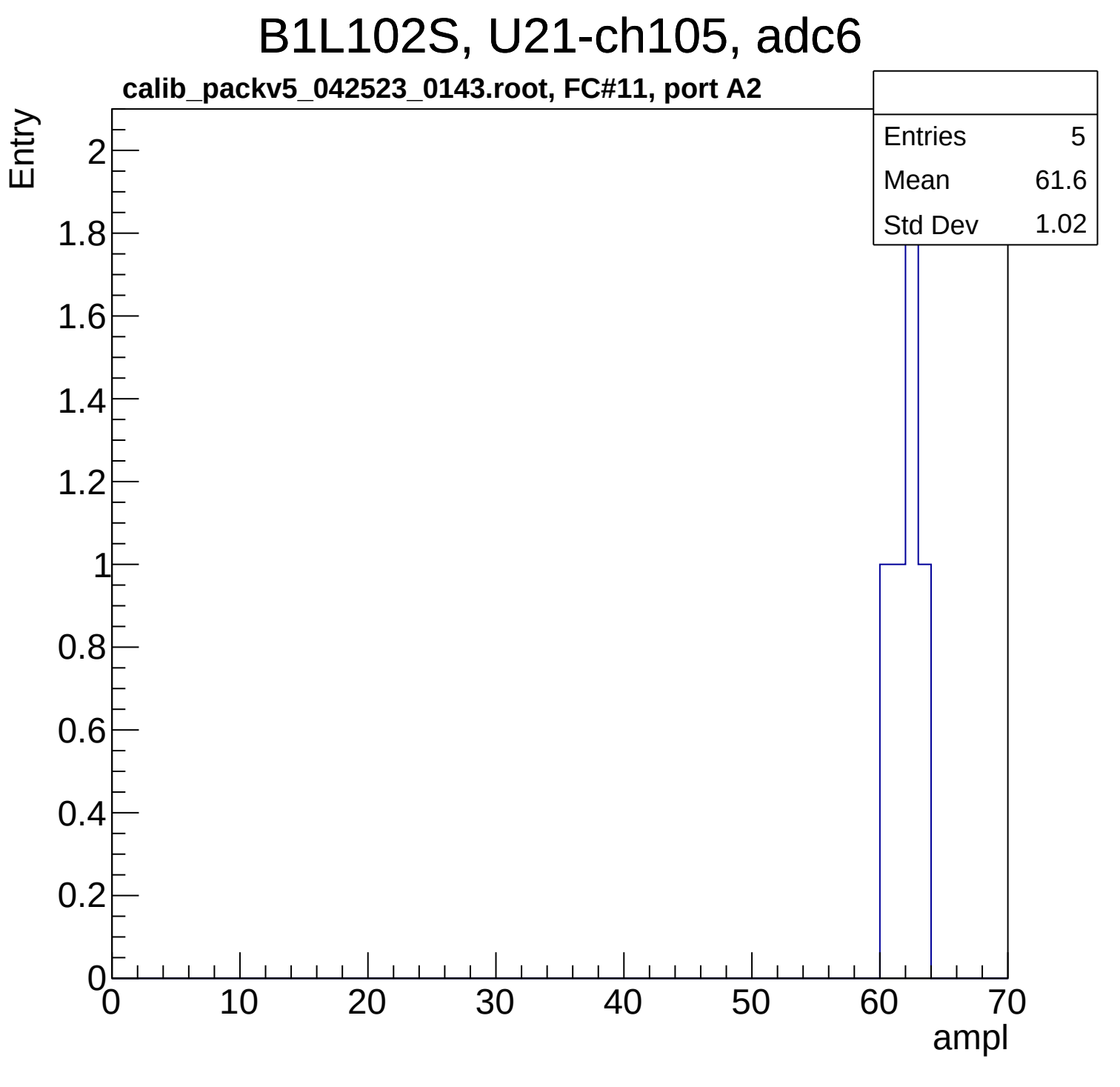
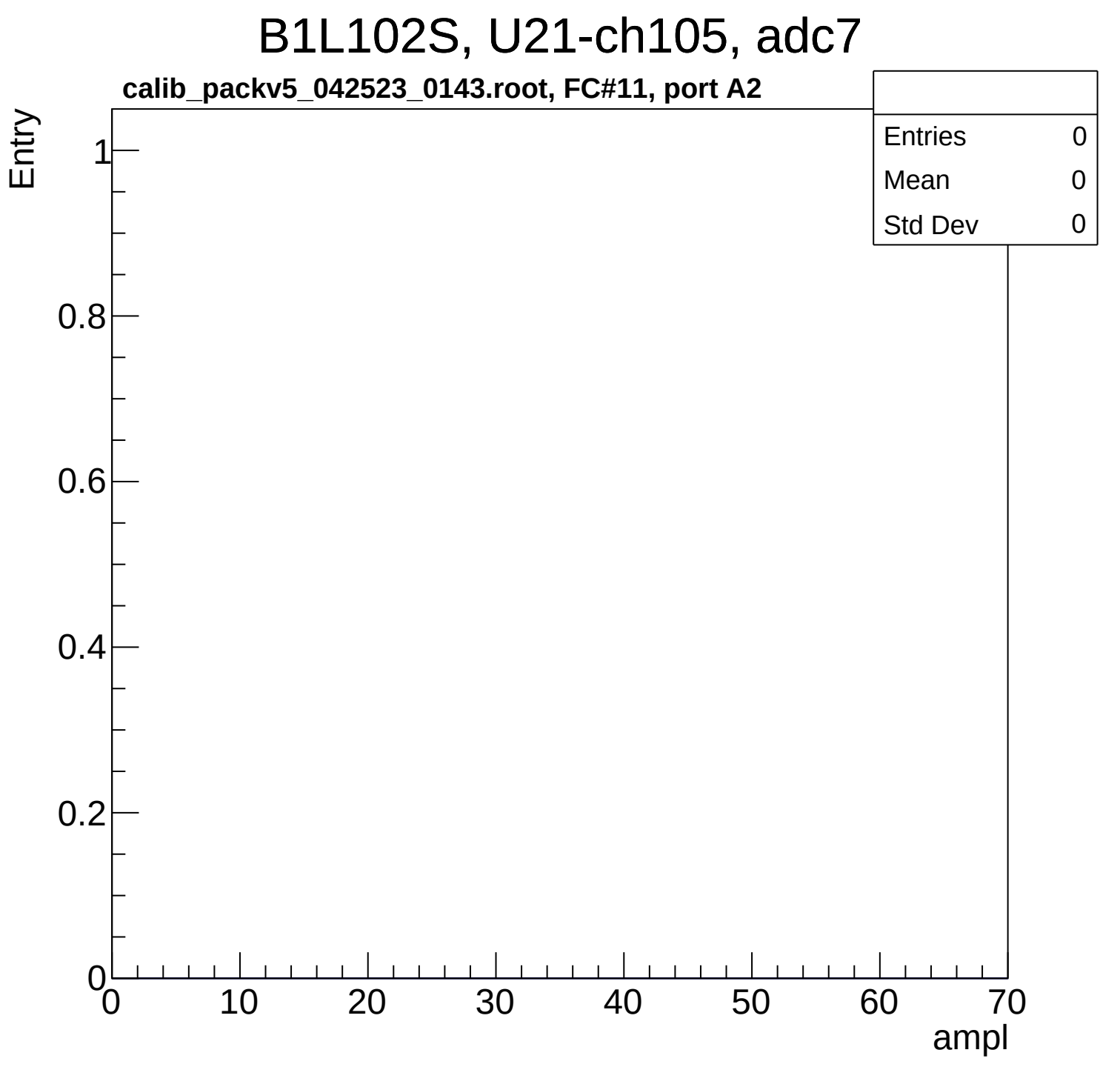
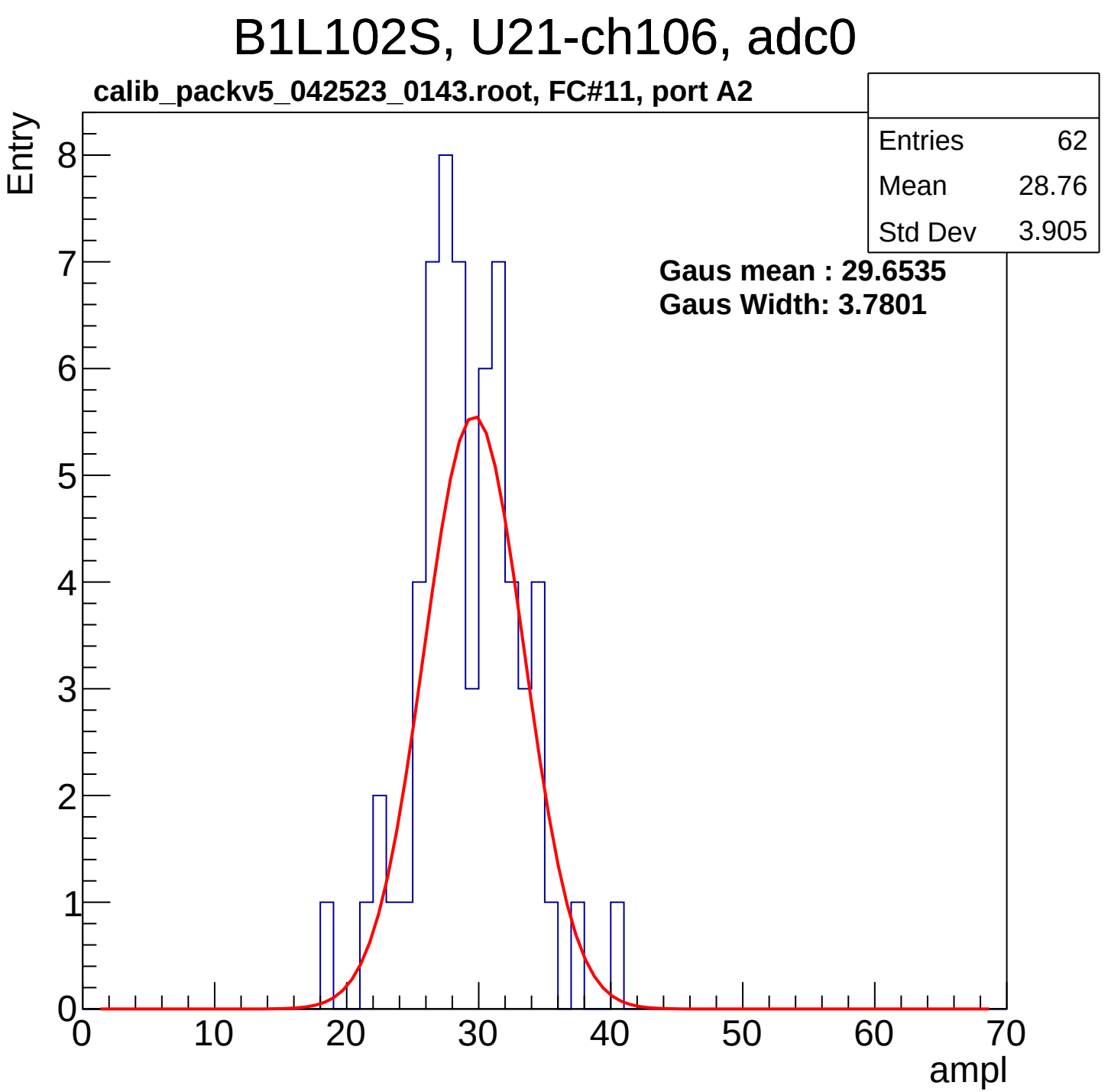

B1L102S, U21-ch105, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 5
Mean 61.6
Std Dev 1.02
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L102S, U21-ch105, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch106, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 62
Mean 28.76
Std Dev 3.905
Gaus mean : 29.6535
Gaus Width: 3.7801
Entry
ampl
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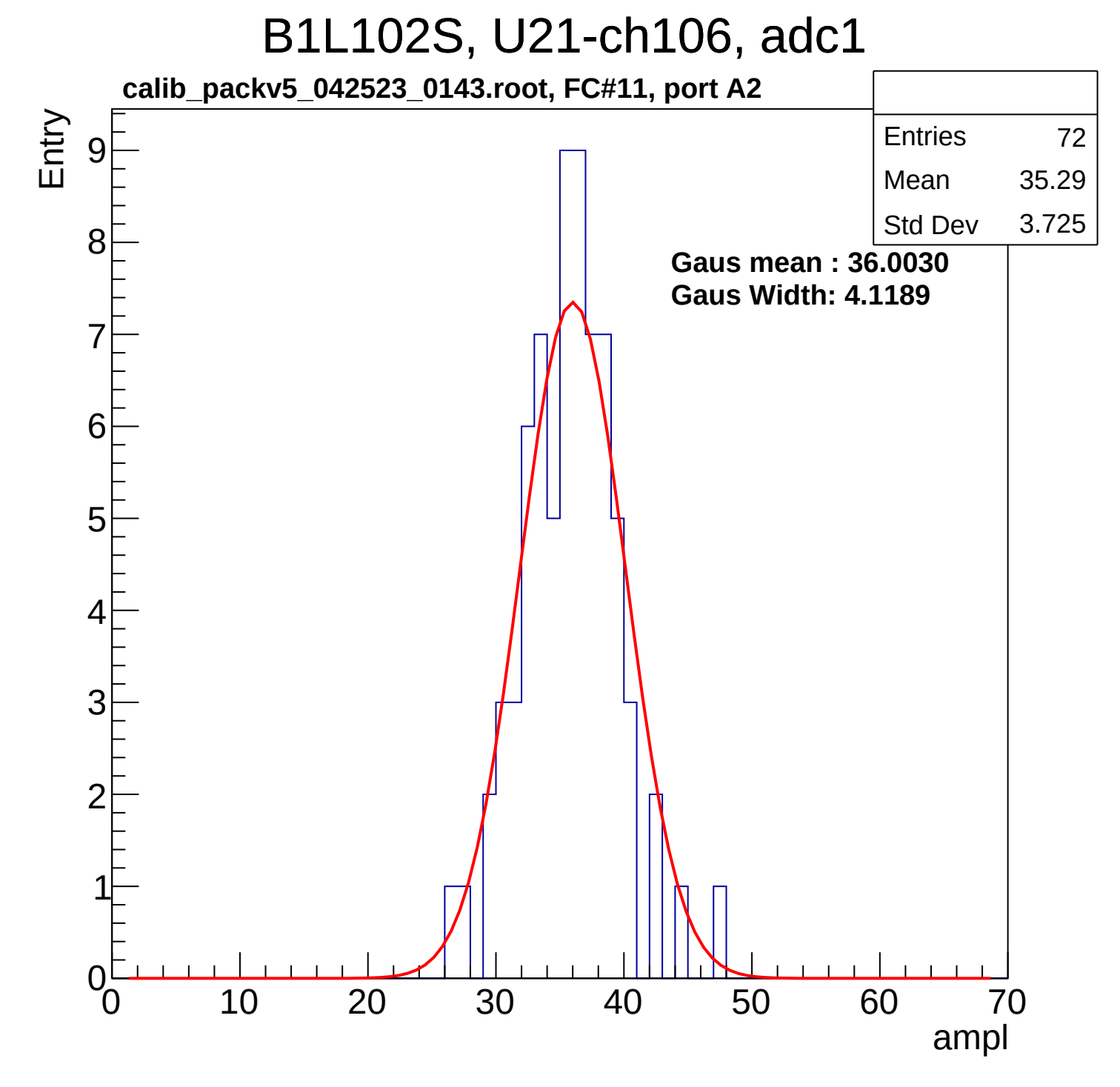
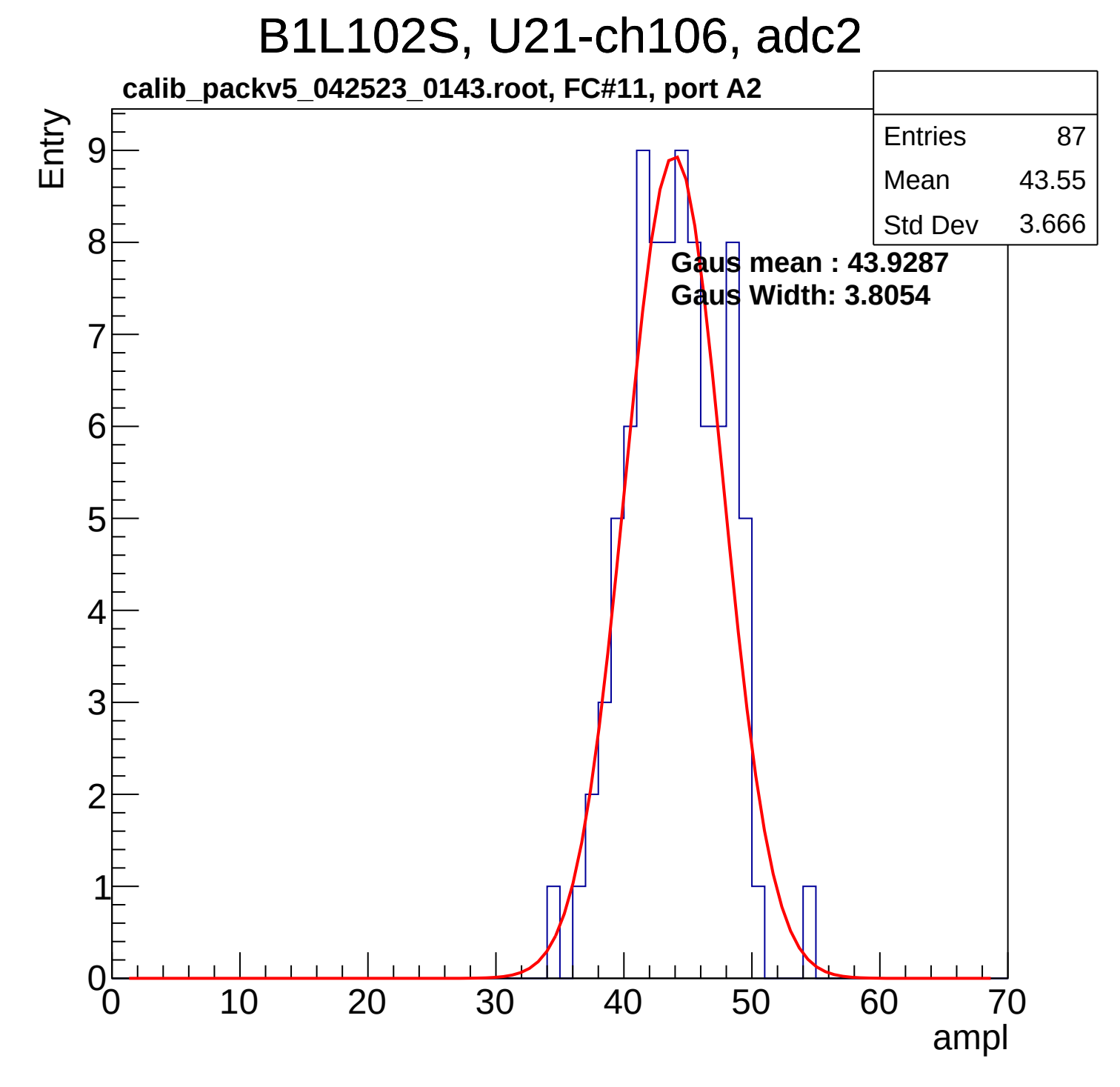
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch106, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 35.29
Std Dev 3.725
Gaus mean : 36.0030
Gaus Width: 4.1189
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch106, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 87
Mean 43.55
Std Dev 3.666
Gaus mean : 43.9287
Gaus Width: 3.8054
Entry
ampl
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2
3
4
5
6
7
8
9
0
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60
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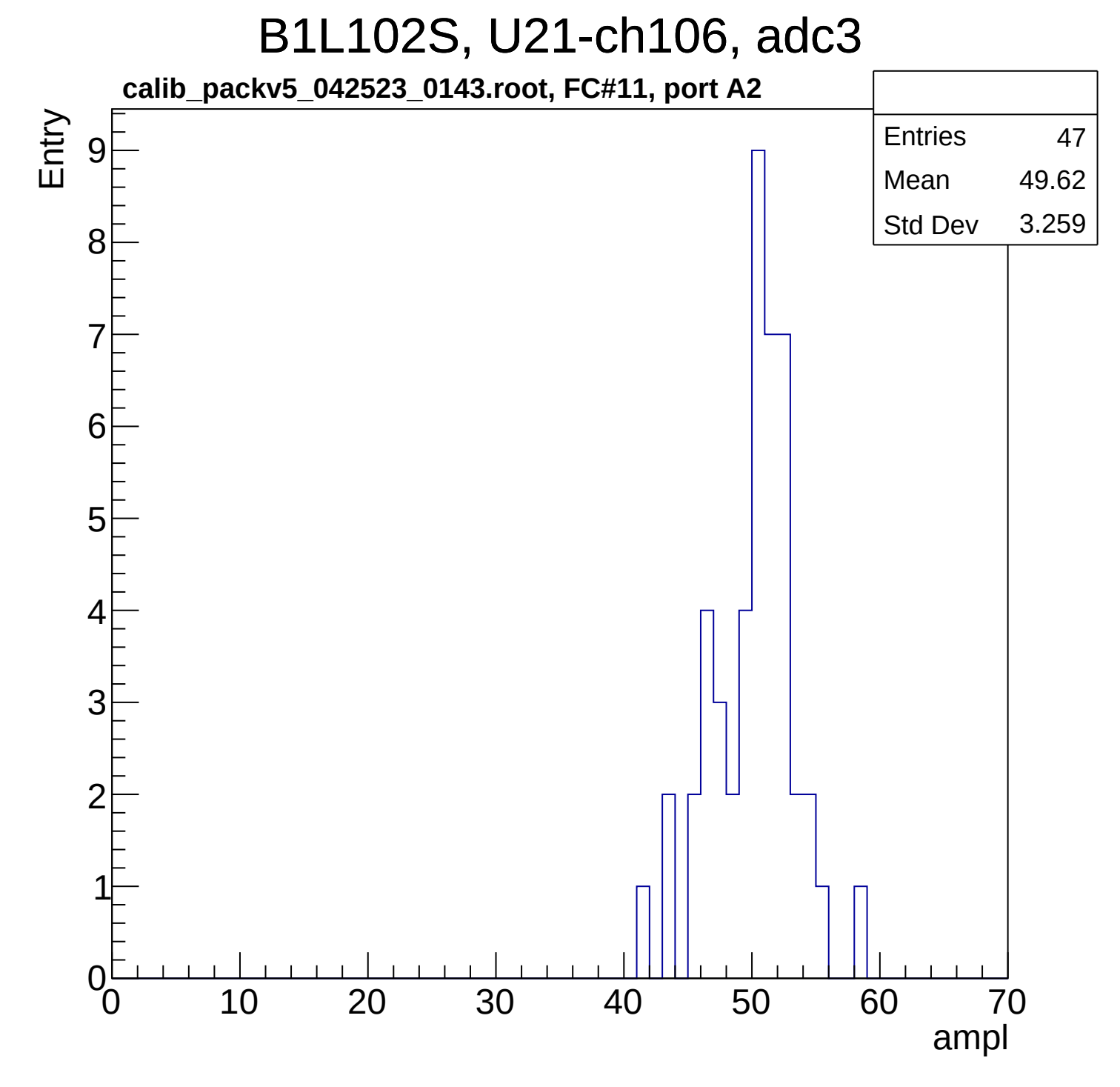
B1L102S, U21-ch106, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 47
Mean 49.62
Std Dev 3.259
Entry
ampl
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5
6
7
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0
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60
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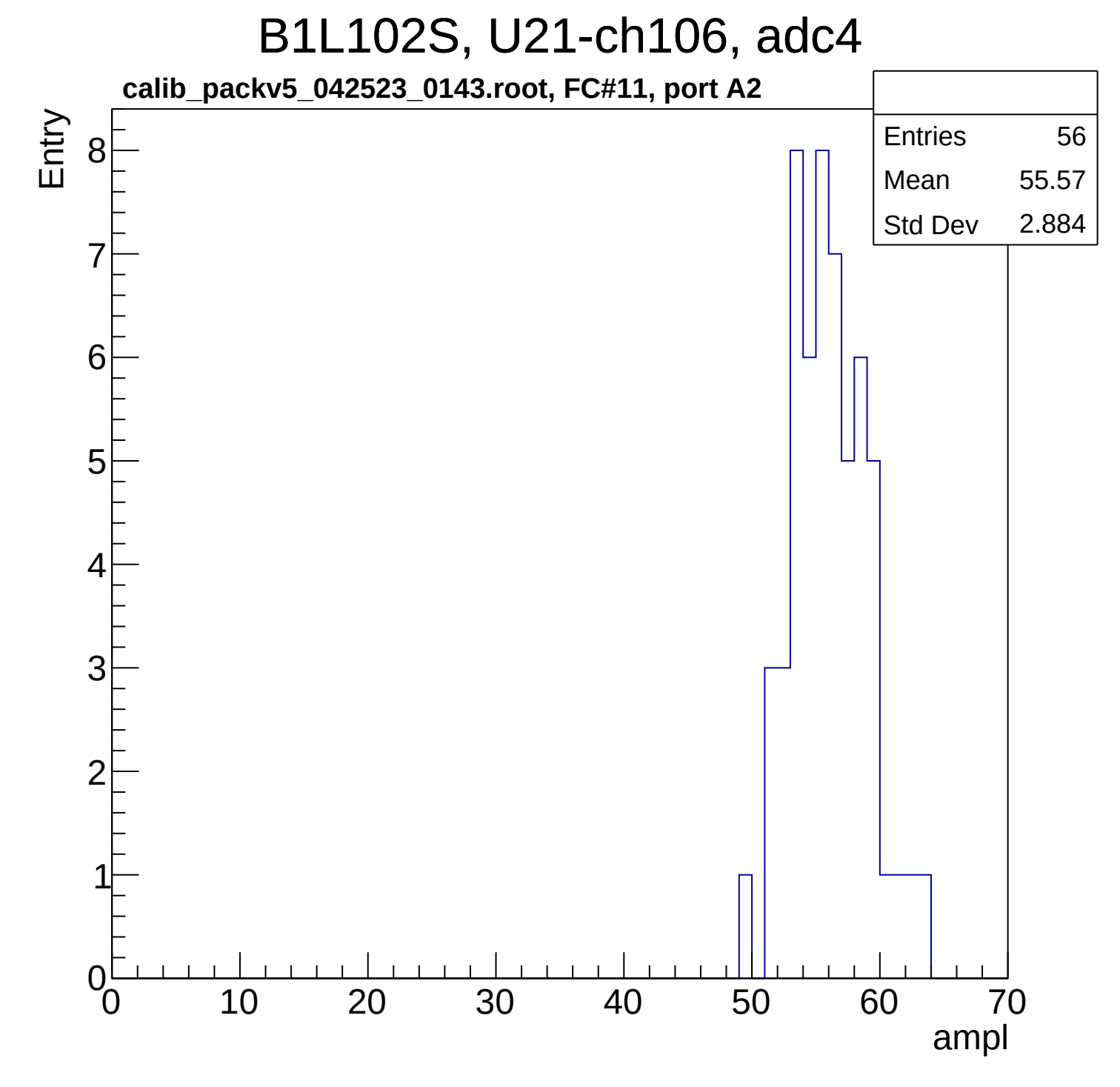
B1L102S, U21-ch106, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 55.57
Std Dev 2.884
Entry
ampl
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5
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0
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60
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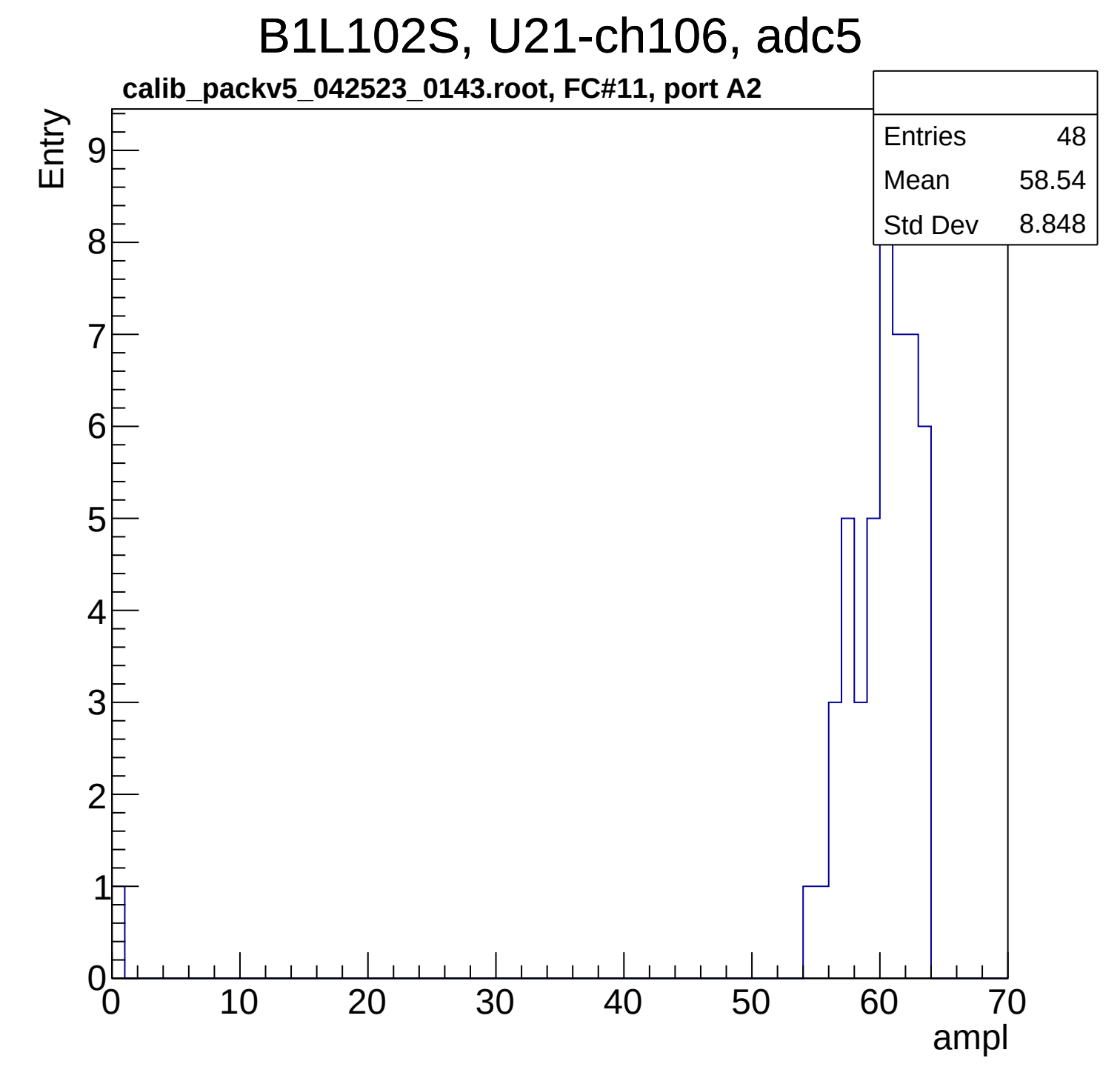
B1L102S, U21-ch106, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 48
Mean 58.54
Std Dev 8.848
Entry
ampl
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3
4
5
6
7
8
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0
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60
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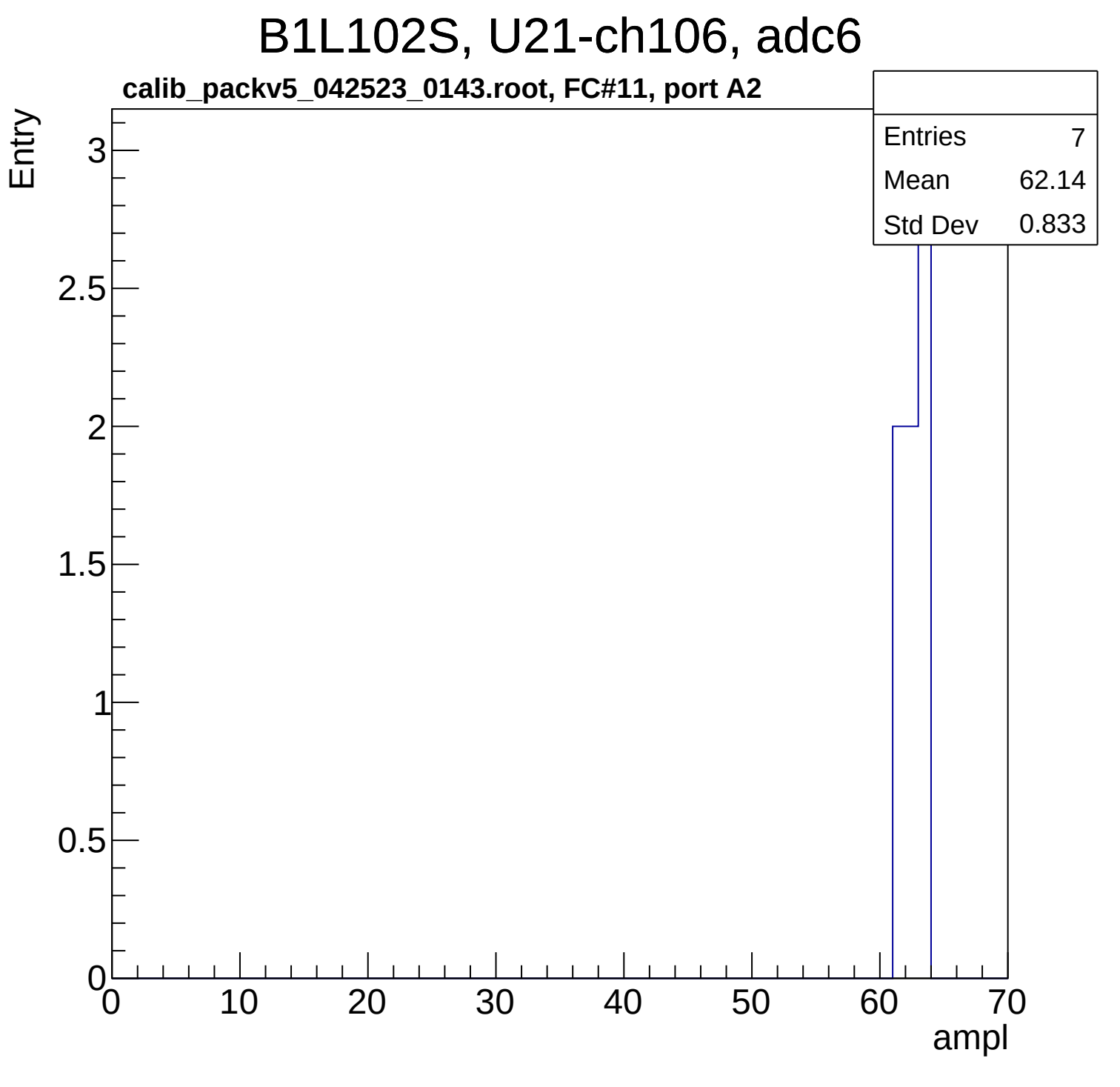
B1L102S, U21-ch106, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 7
Mean 62.14
Std Dev 0.833
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
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20
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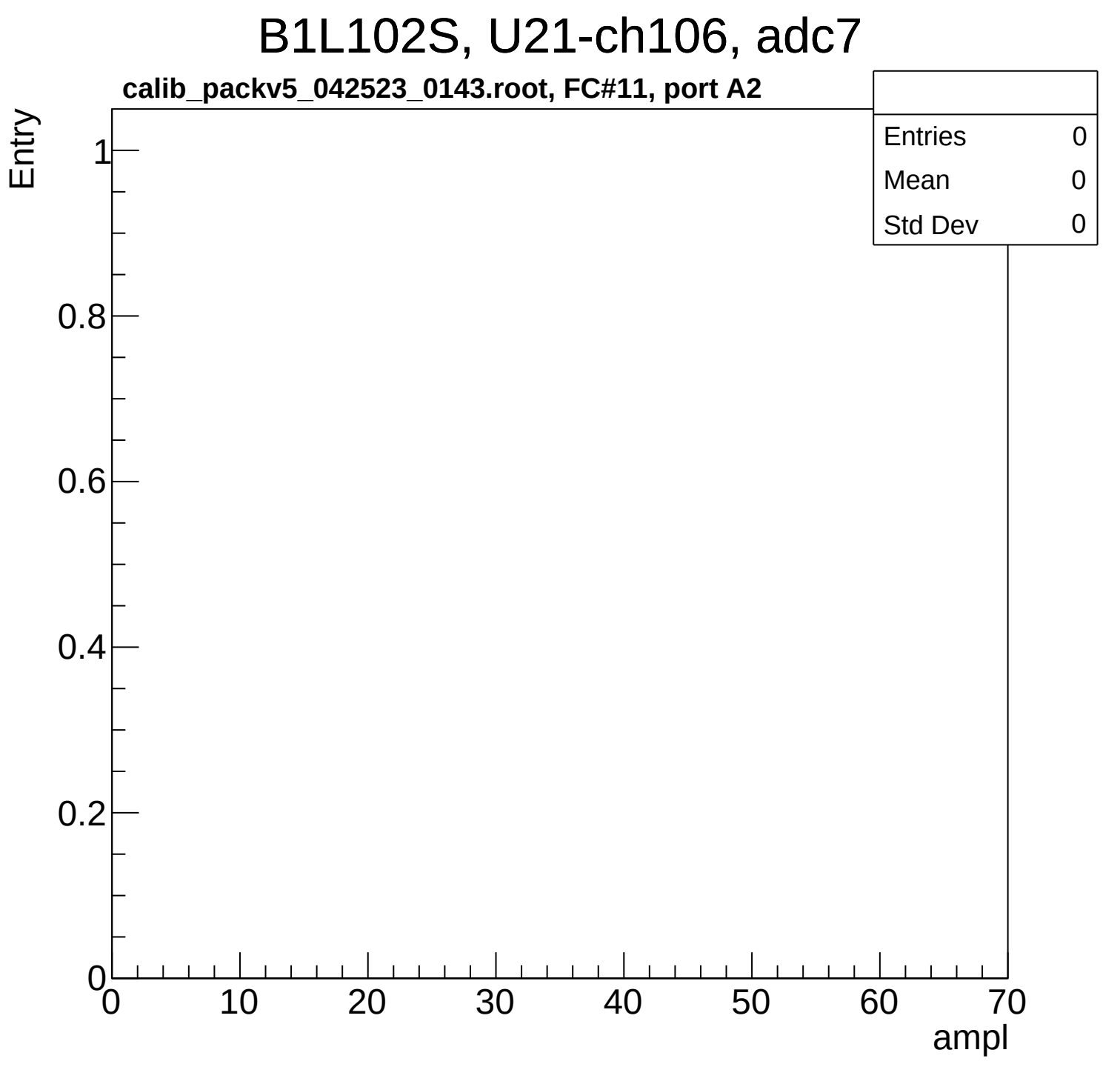
40
50
60
70


B1L102S, U21-ch106, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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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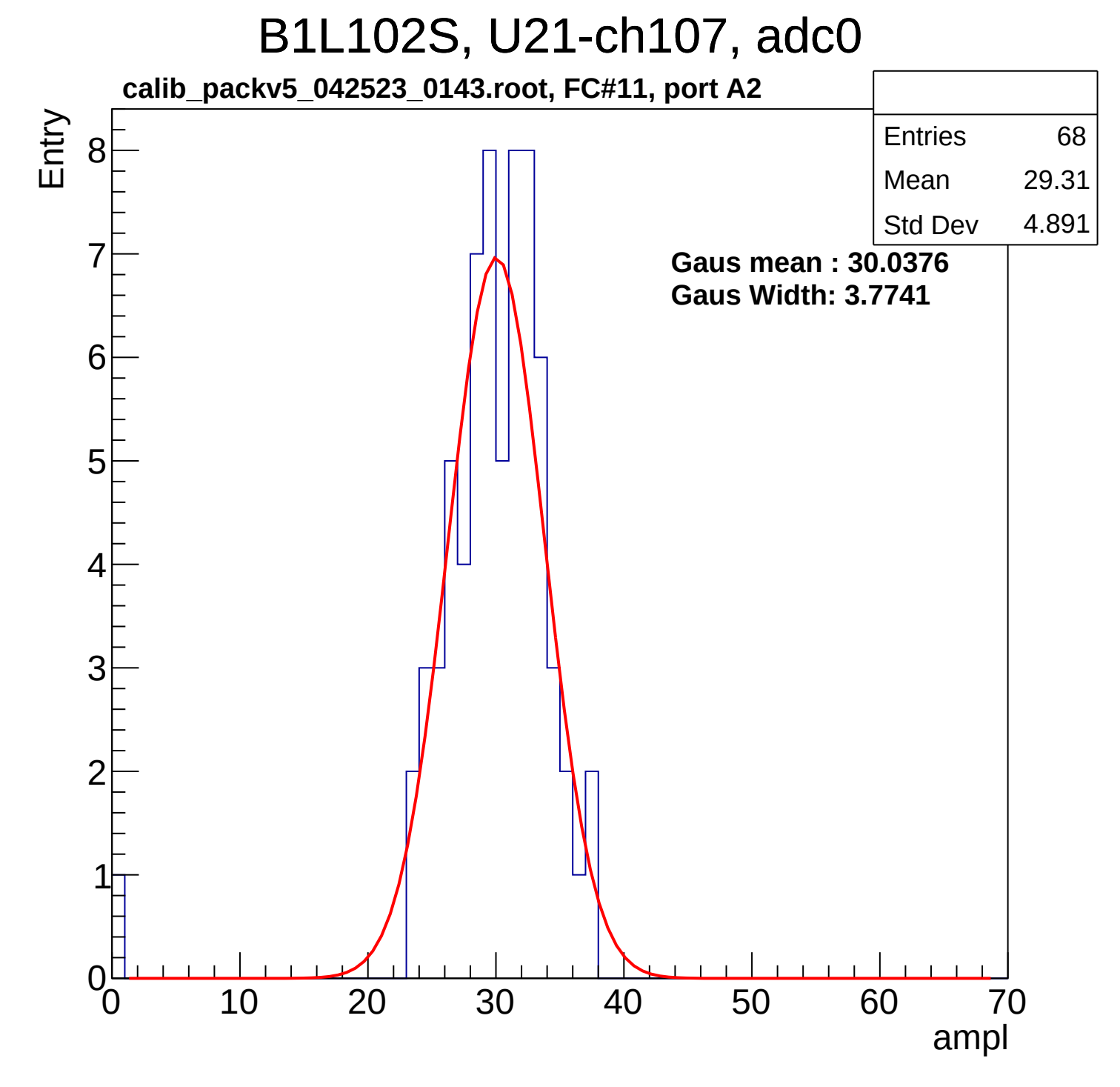
40
50
60
70
ampl


B1L102S, U21-ch107, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 29.31
Std Dev 4.891
Gaus mean : 30.0376
Gaus Width: 3.7741
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
30
40
50
60
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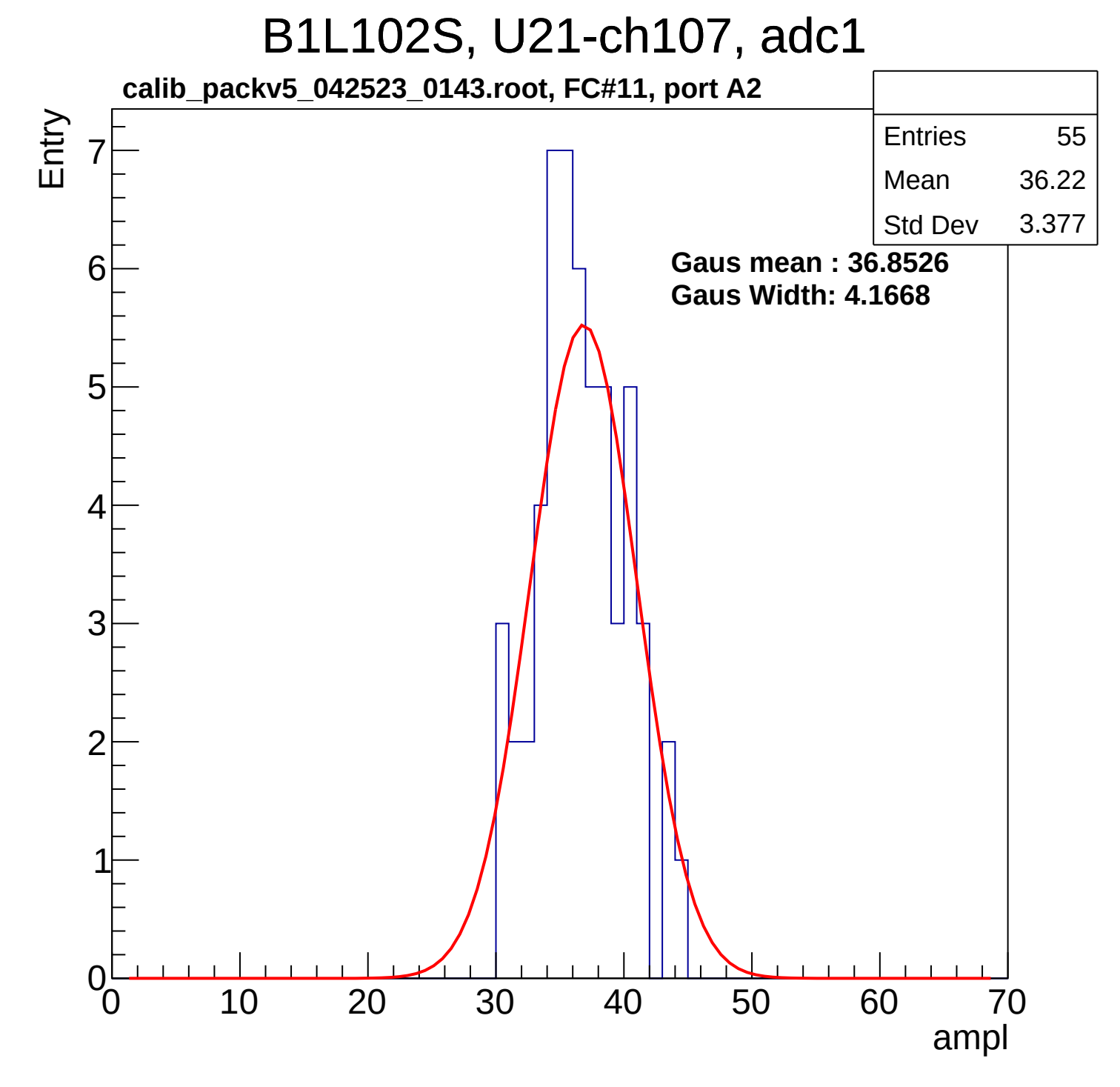
B1L102S, U21-ch107, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 36.22
Std Dev 3.377
Gaus mean : 36.8526
Gaus Width: 4.1668
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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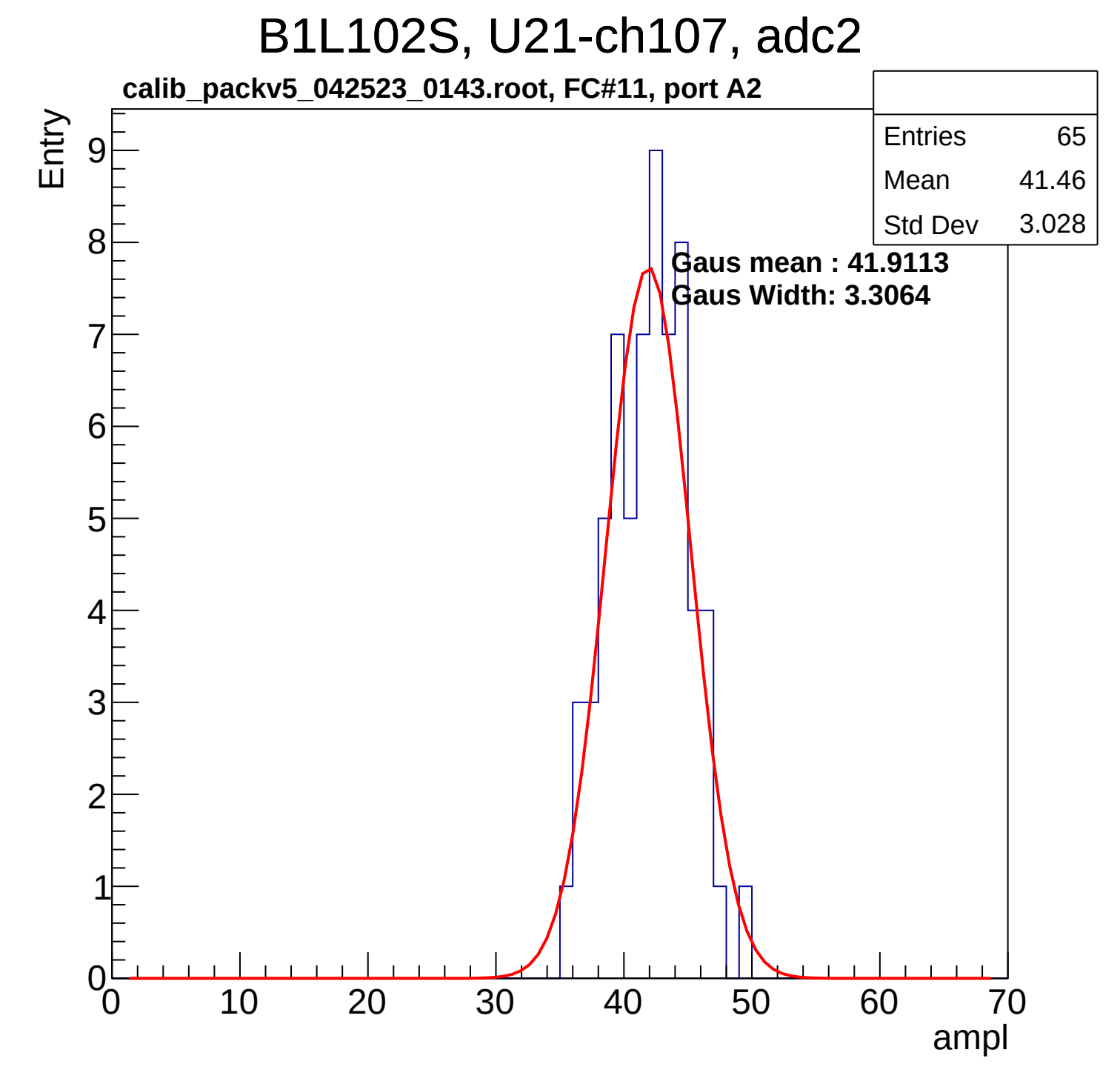
B1L102S, U21-ch107, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 41.46
Std Dev 3.028
Gaus mean : 41.9113
Gaus Width: 3.3064
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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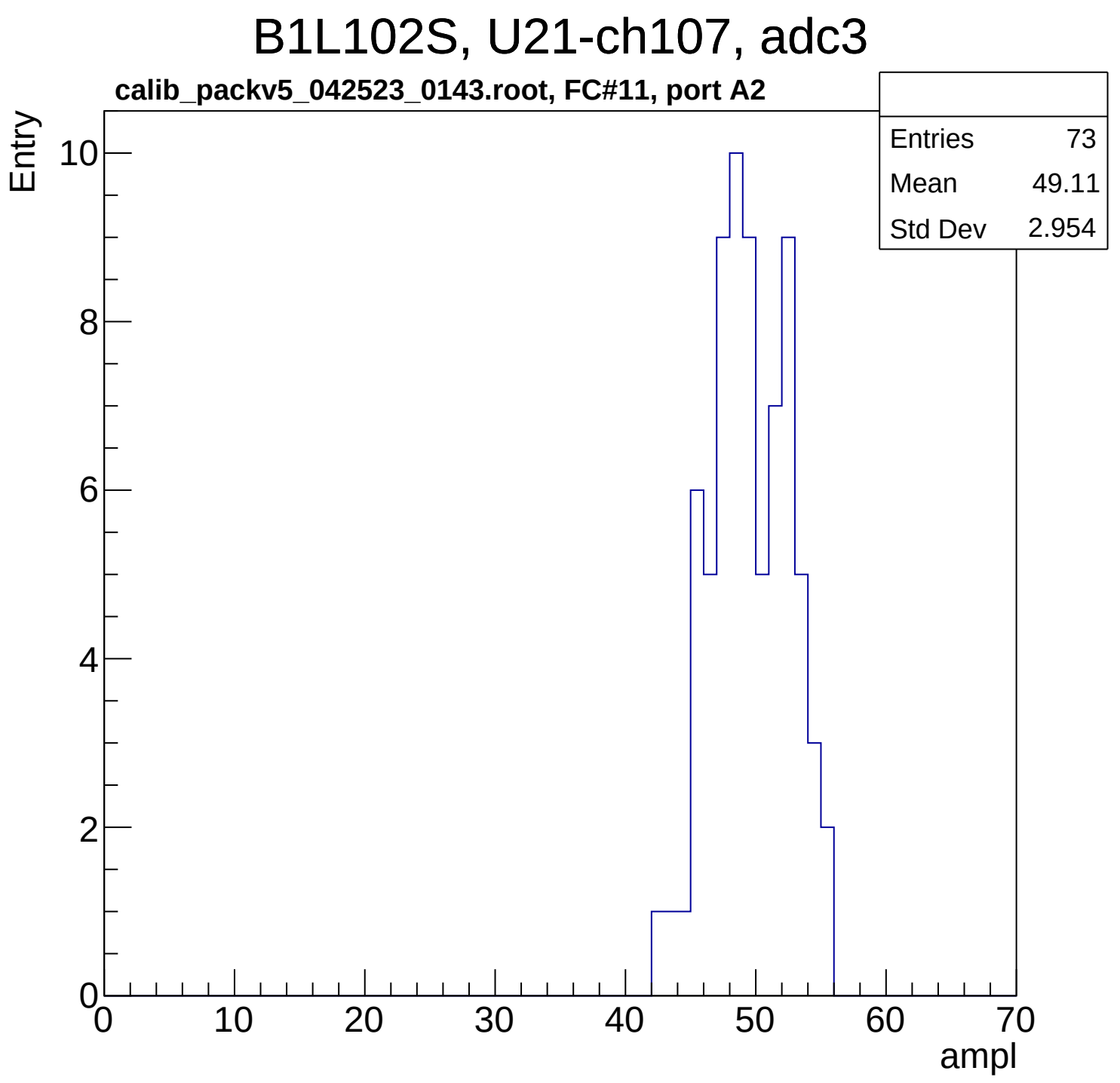
B1L102S, U21-ch107, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 49.11
Std Dev 2.954
Entry
0
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4
6
8
10
0
10
20
30
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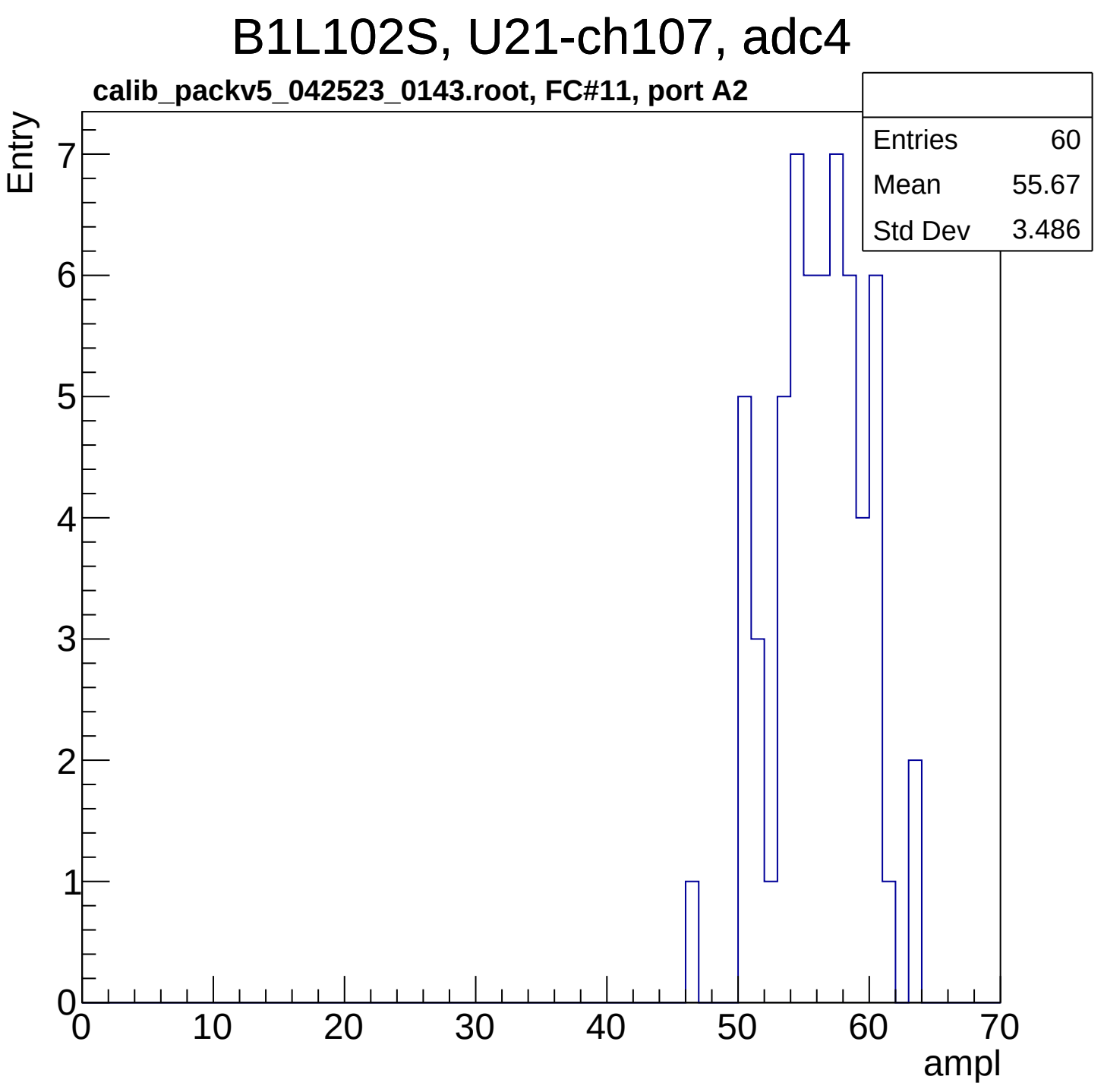
50
60
70
ampl


B1L102S, U21-ch107, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 55.67
Std Dev 3.486
Entry
ampl
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4
5
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7
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40
50
60
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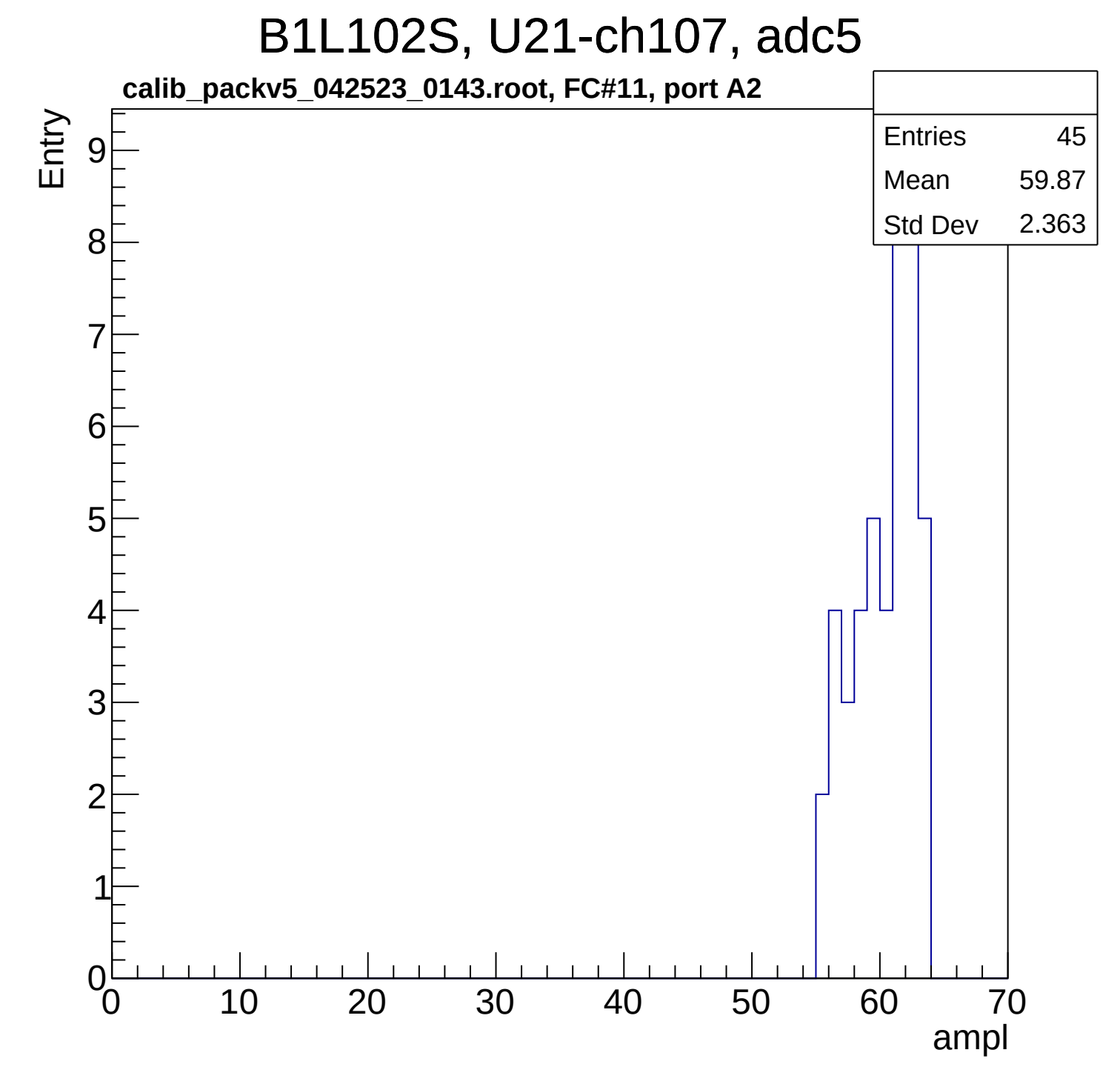
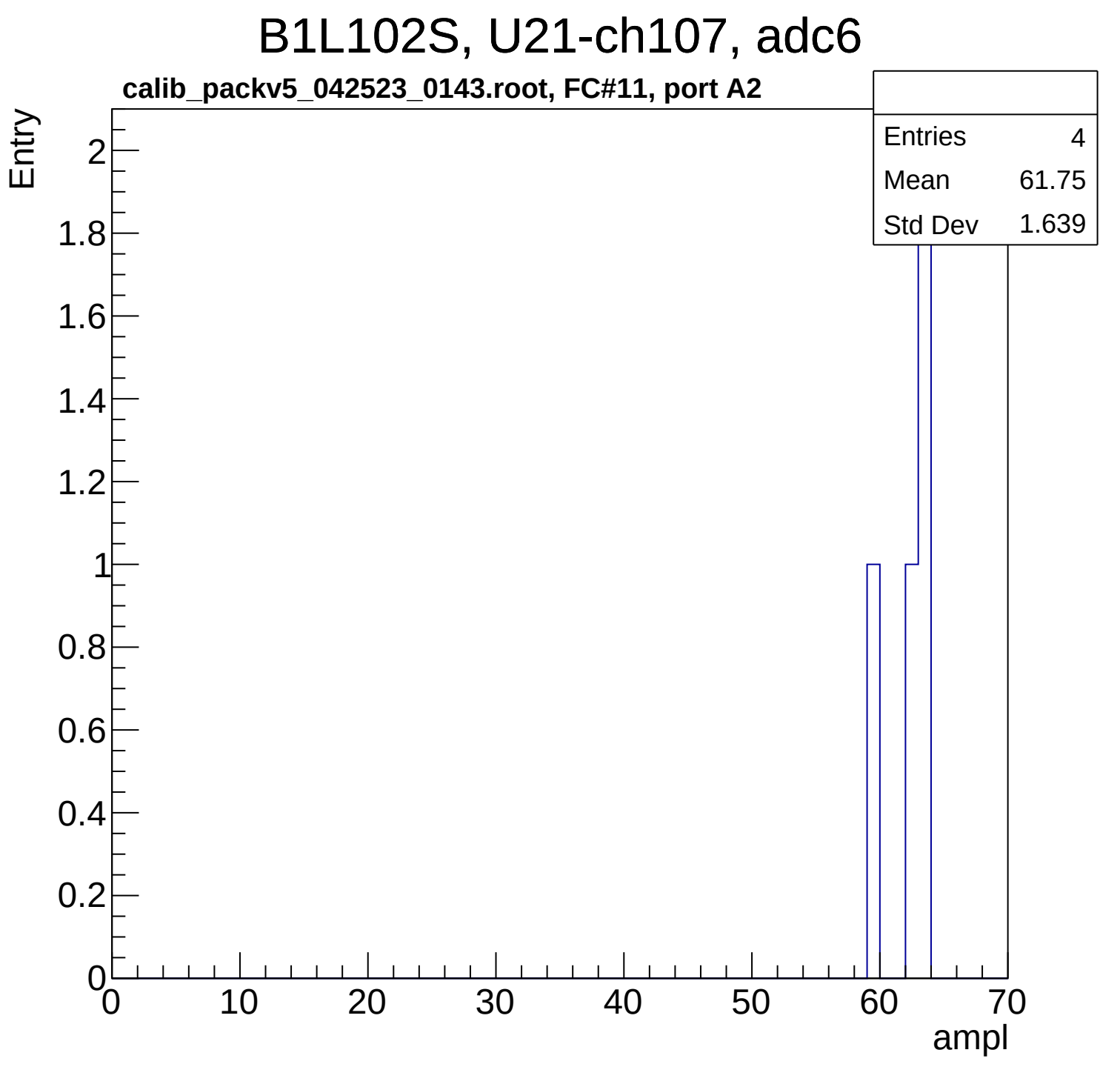
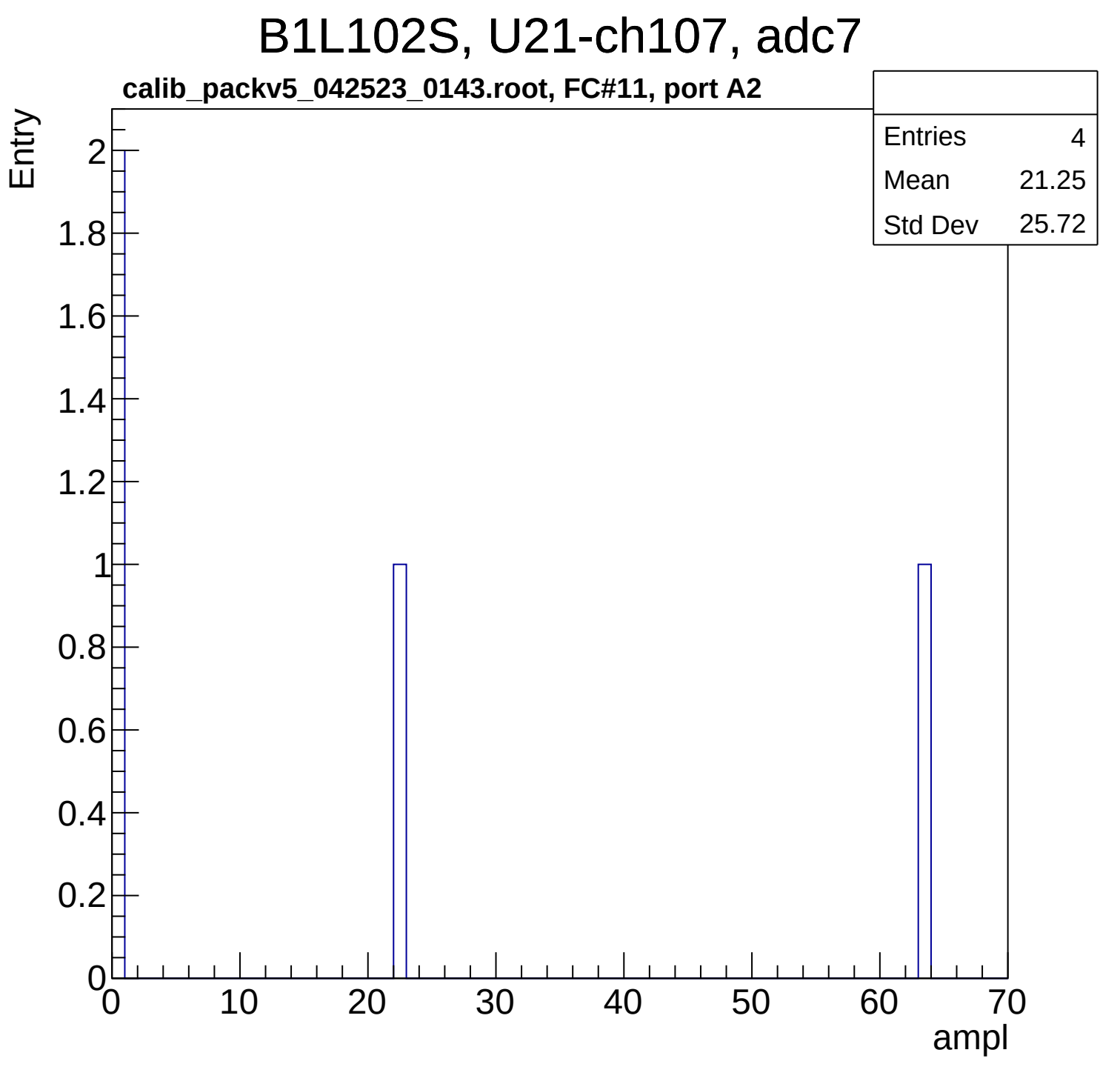

B1L102S, U21-ch107, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 45
Mean 59.87
Std Dev 2.363
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch107, adc6
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch107, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 21.25
Std Dev 25.72
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
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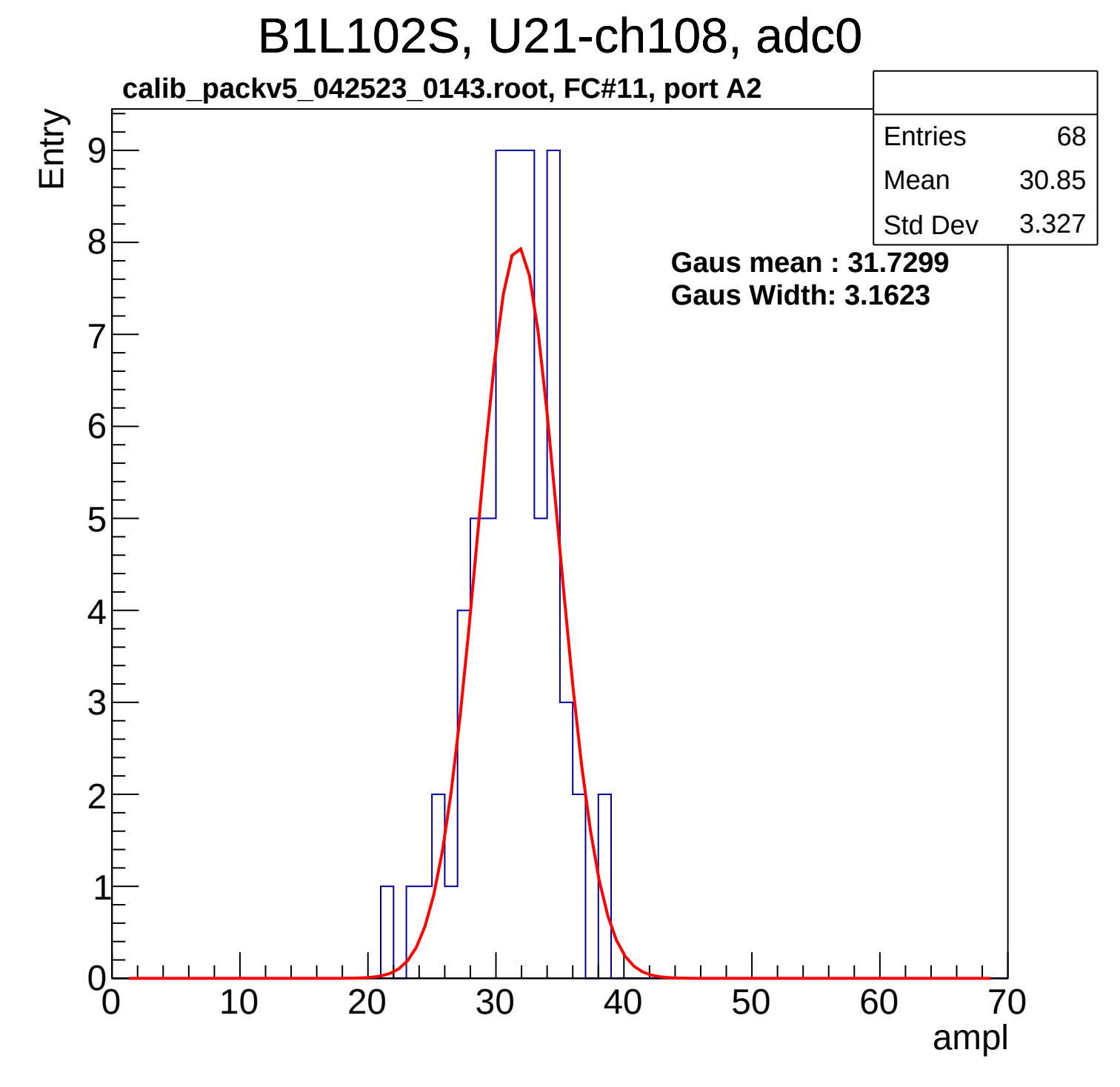
B1L102S, U21-ch108, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 30.85
Std Dev 3.327
Gaus mean : 31.7299
Gaus Width: 3.1623
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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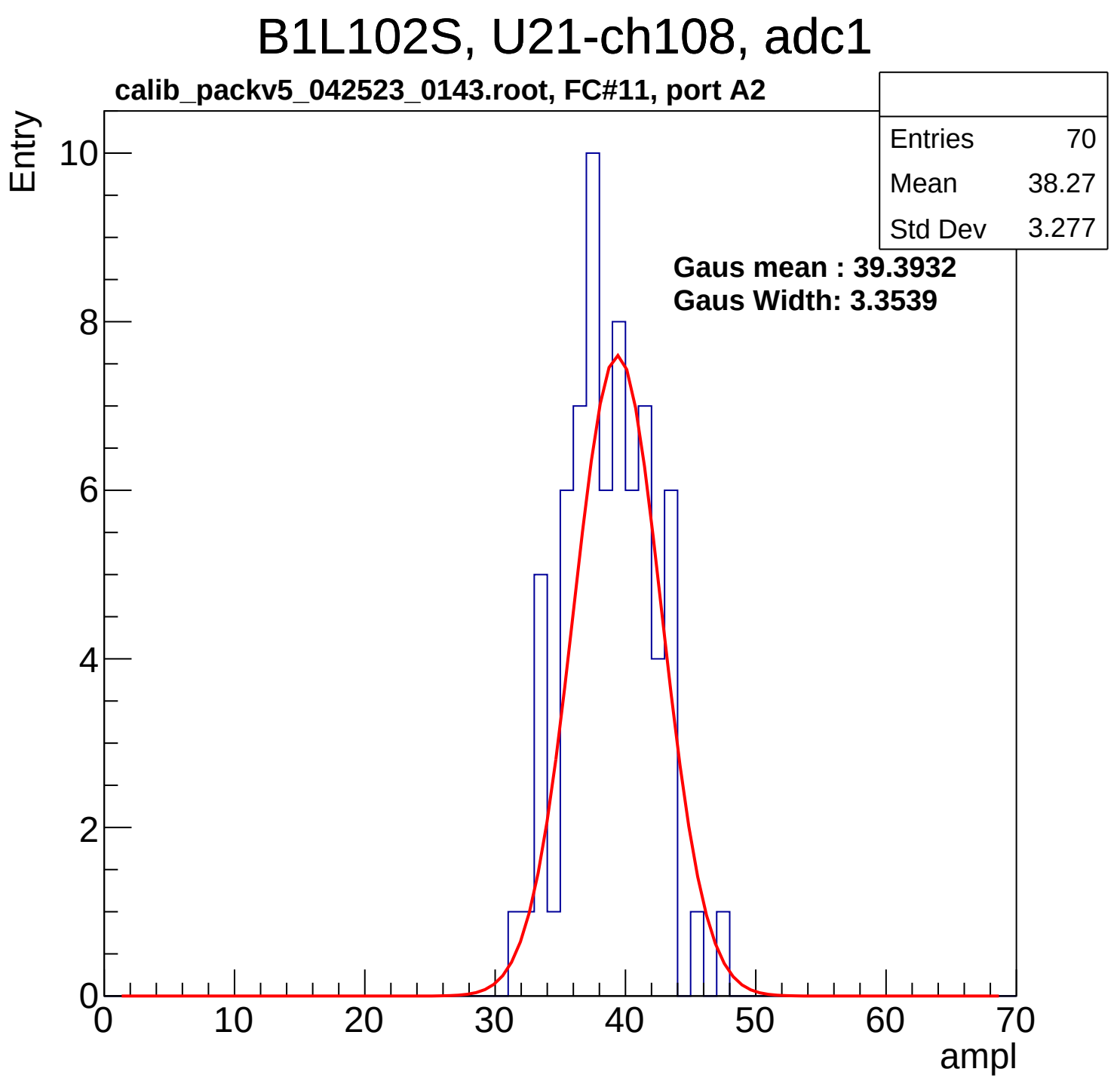
B1L102S, U21-ch108, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 38.27
Std Dev 3.277
Gaus mean : 39.3932
Gaus Width: 3.3539
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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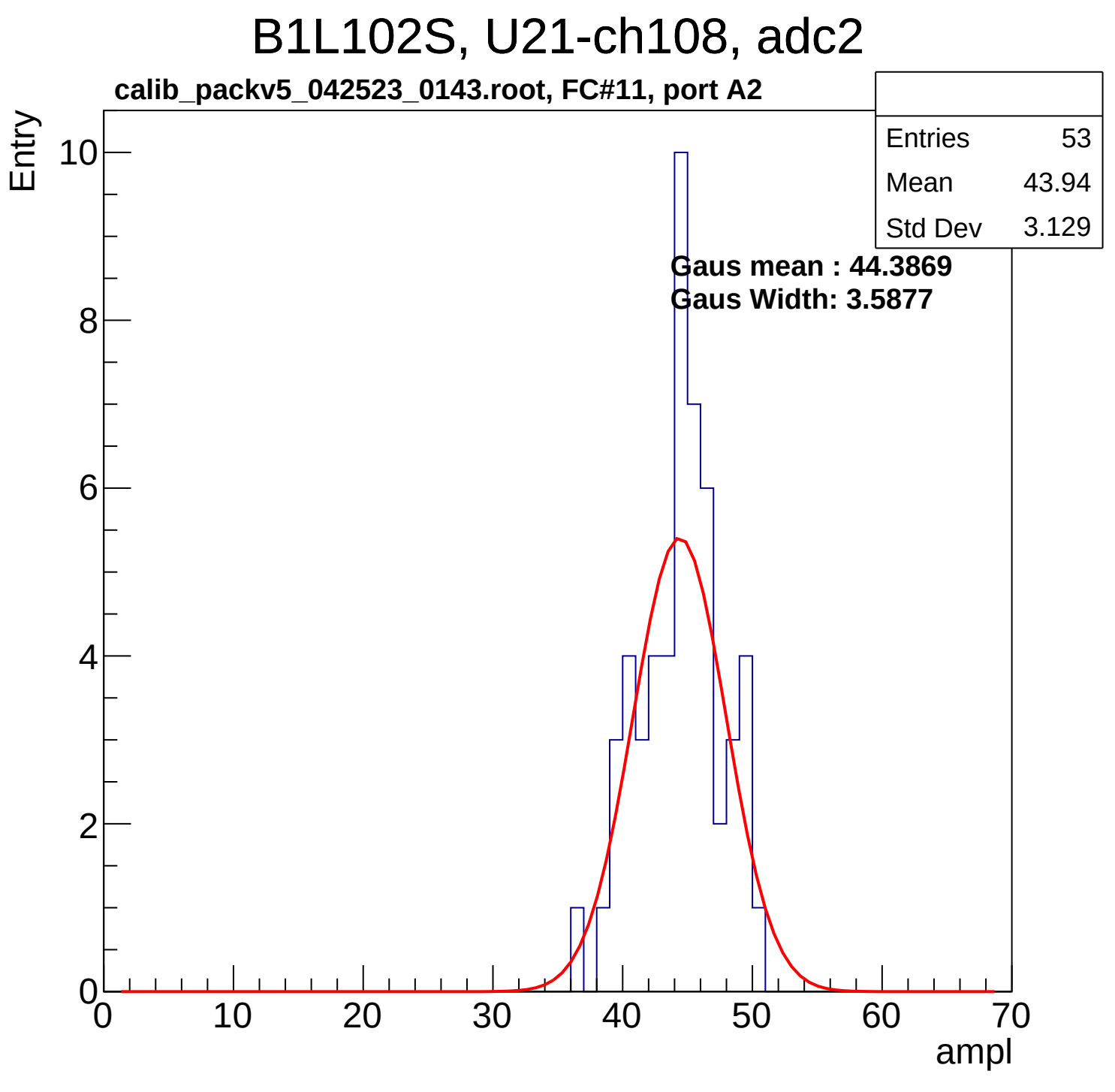
B1L102S, U21-ch108, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 53
Mean 43.94
Std Dev 3.129
Gaus mean : 44.3869
Gaus Width: 3.5877
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
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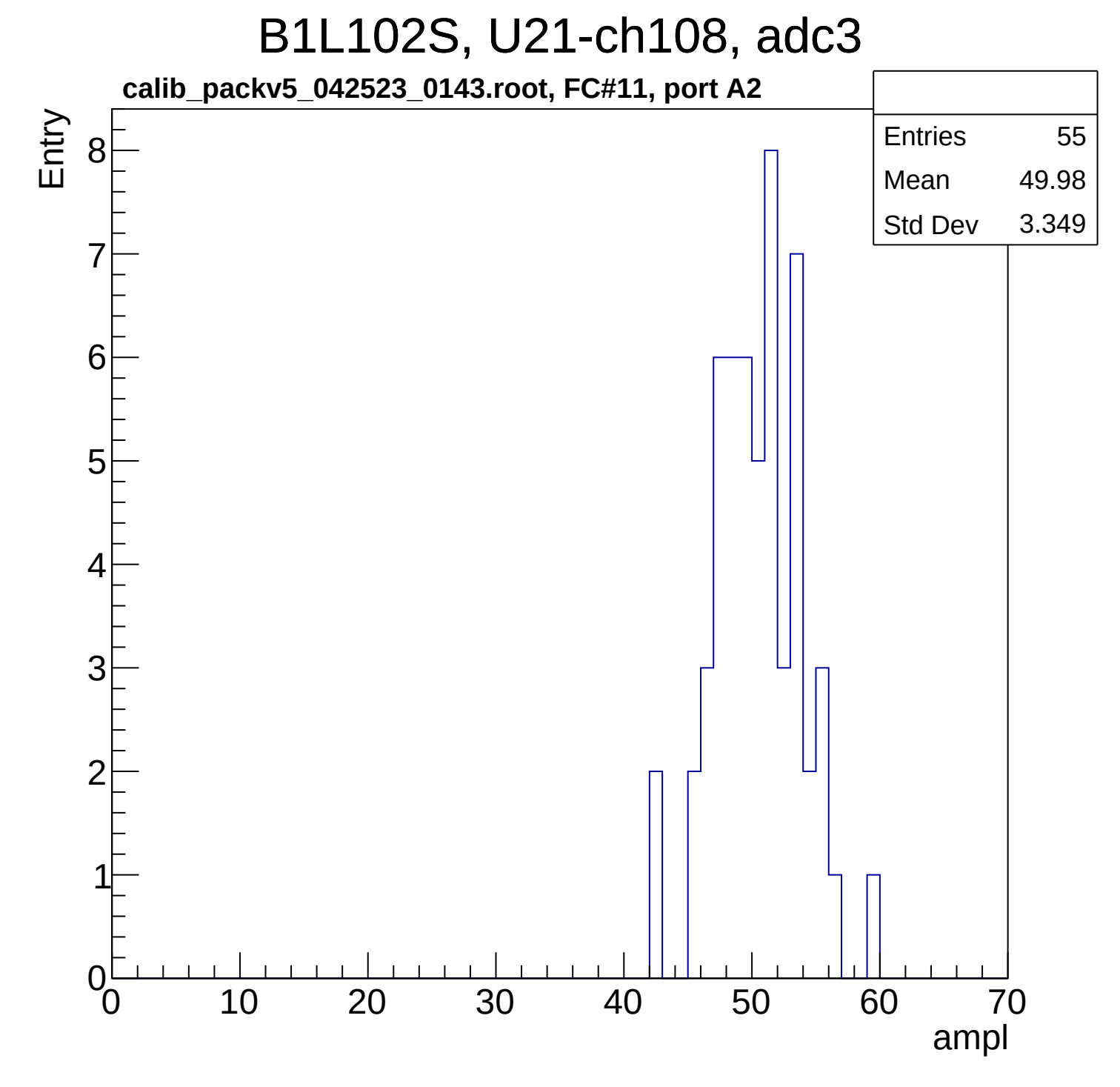
B1L102S, U21-ch108, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 49.98
Std Dev 3.349
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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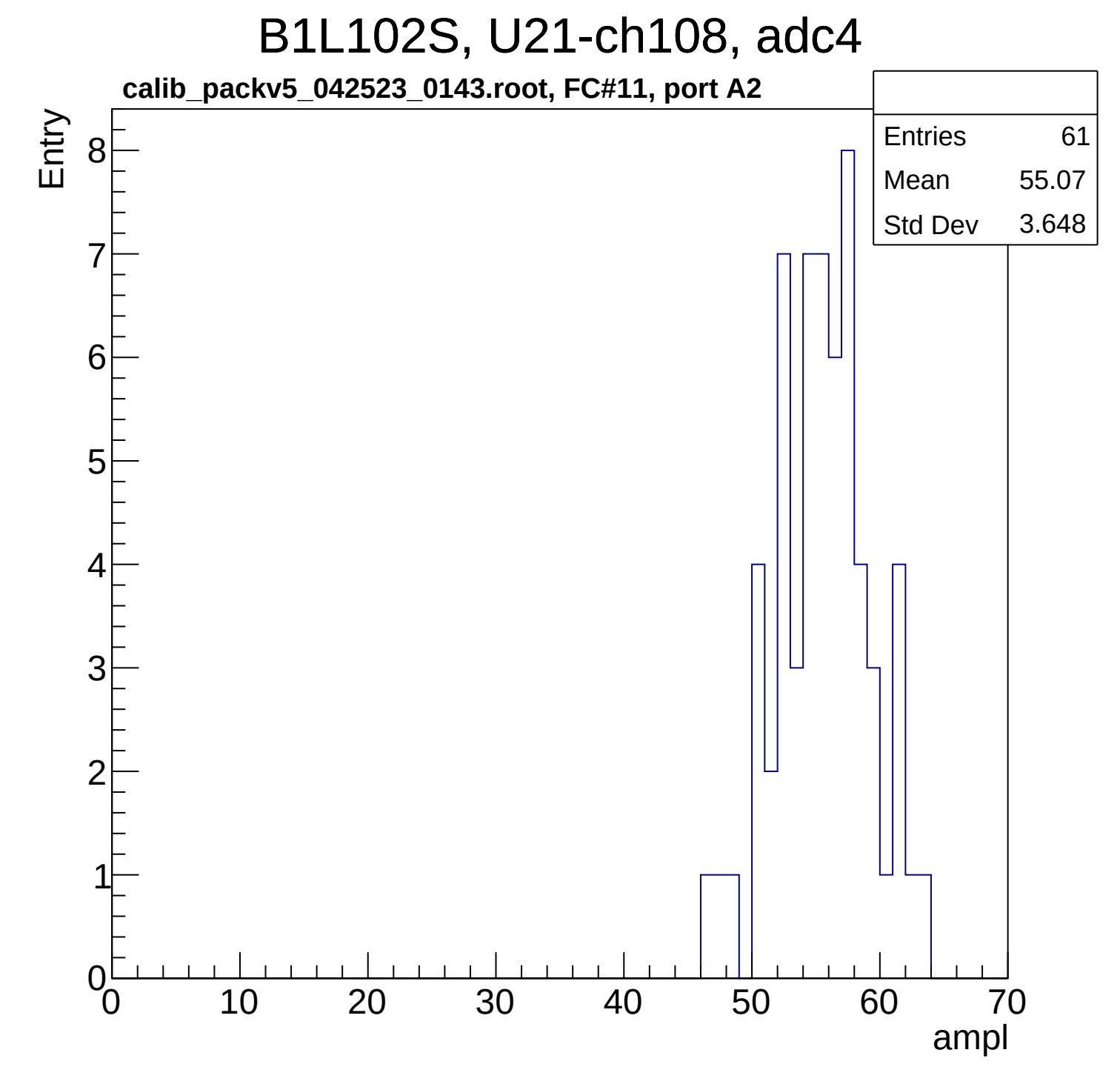
B1L102S, U21-ch108, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 55.07
Std Dev 3.648
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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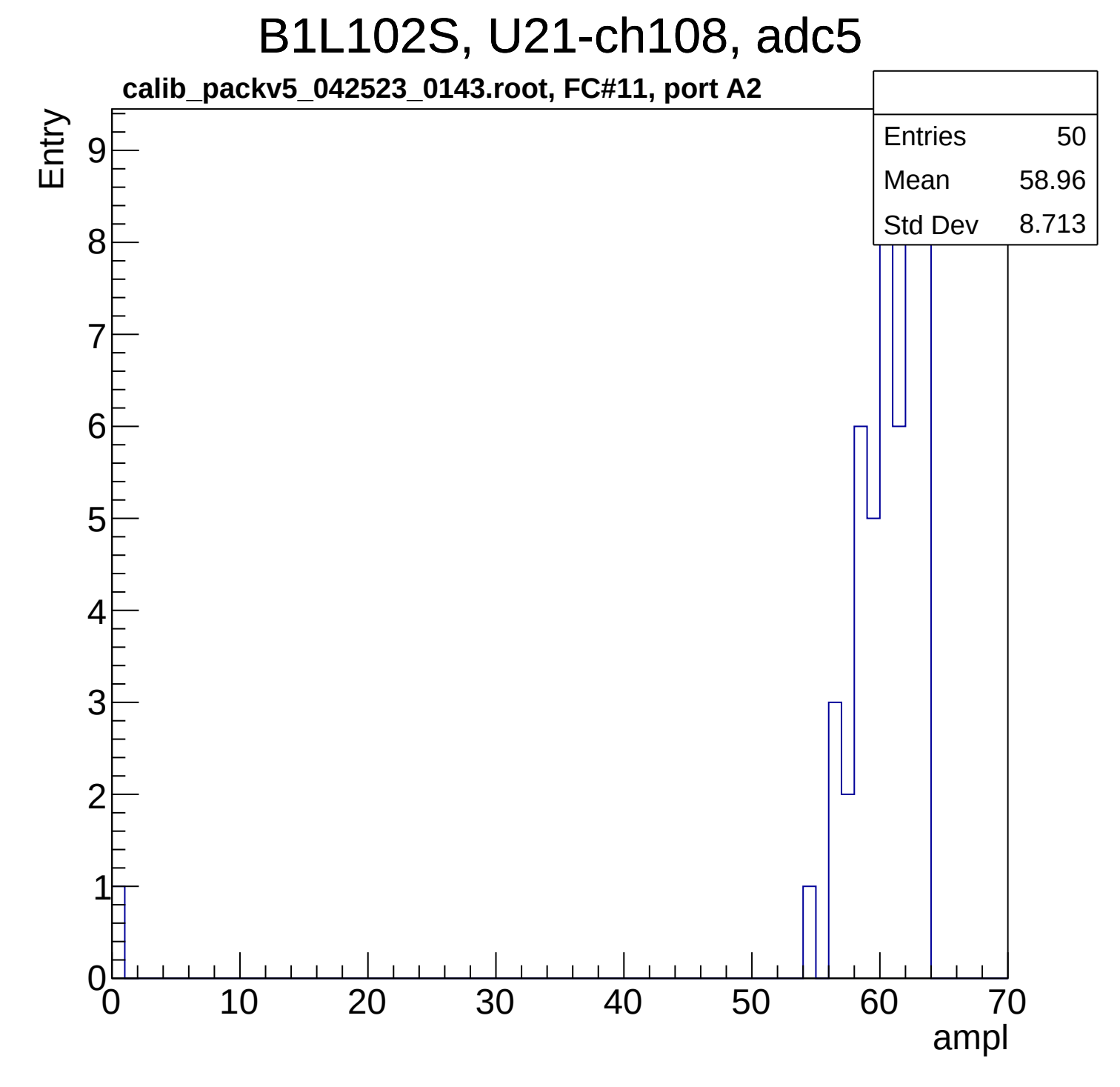
B1L102S, U21-ch108, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 50
Mean 58.96
Std Dev 8.713
Entry
ampl
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2
3
4
5
6
7
8
9
0
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40
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60
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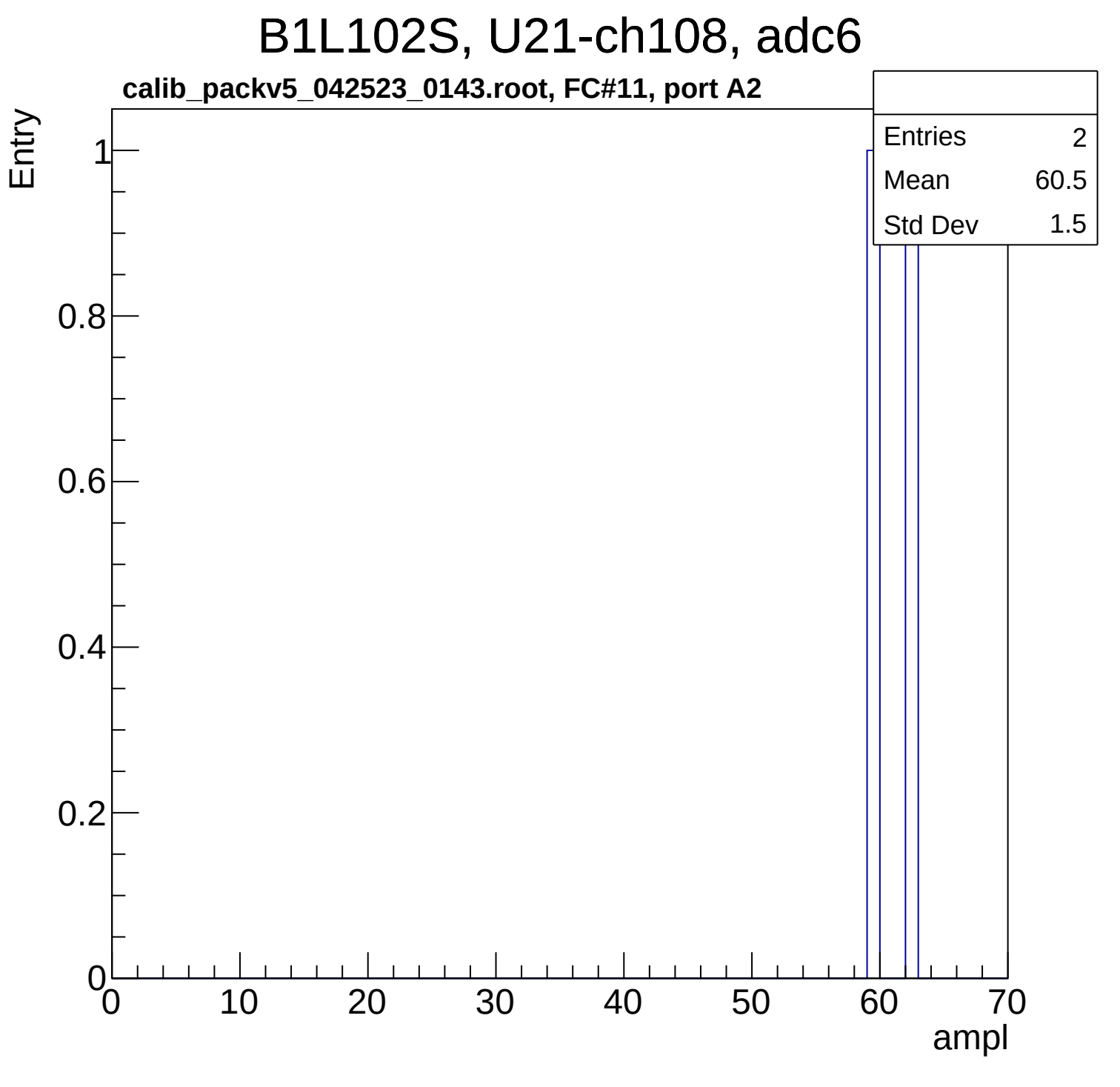
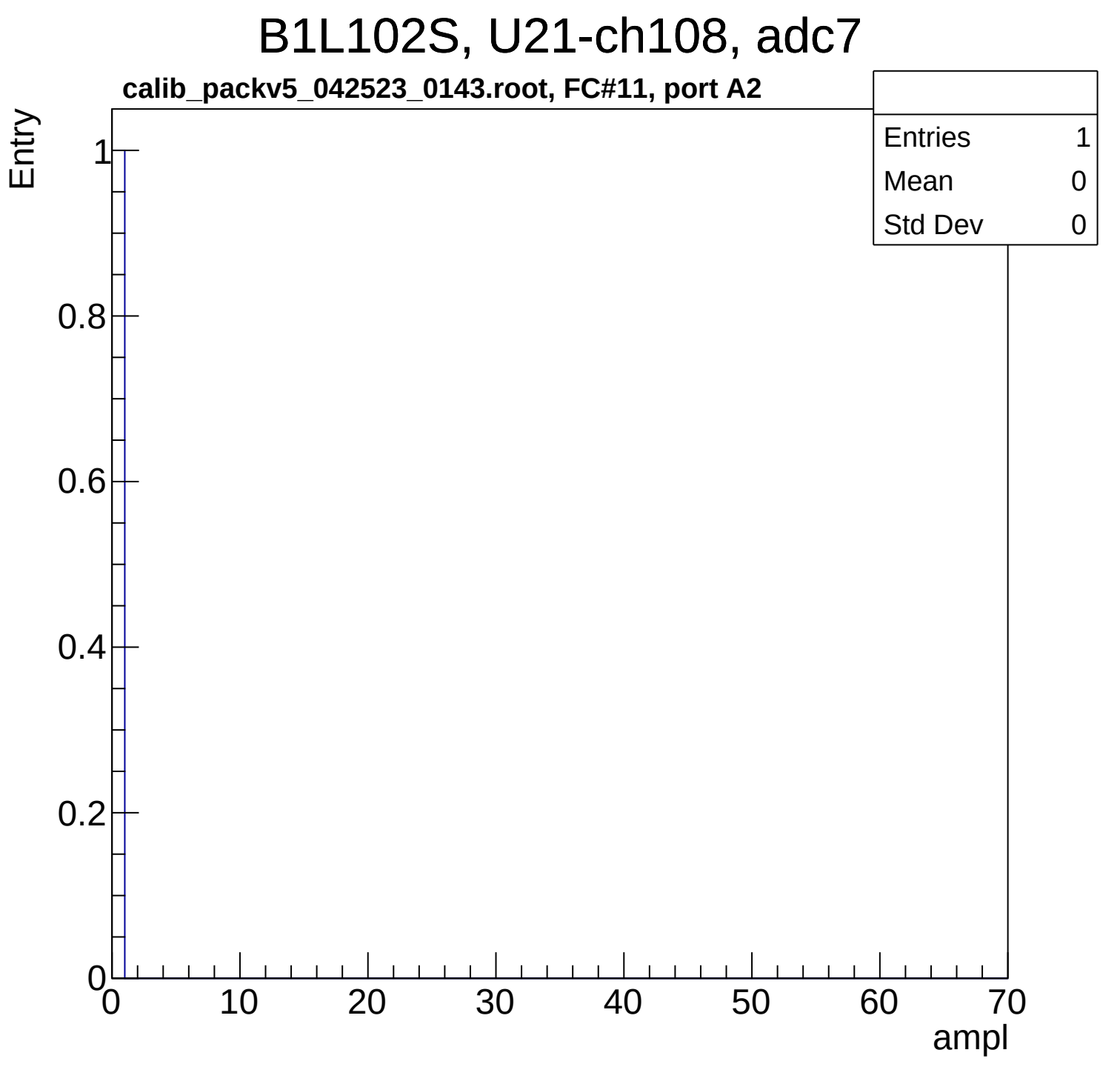
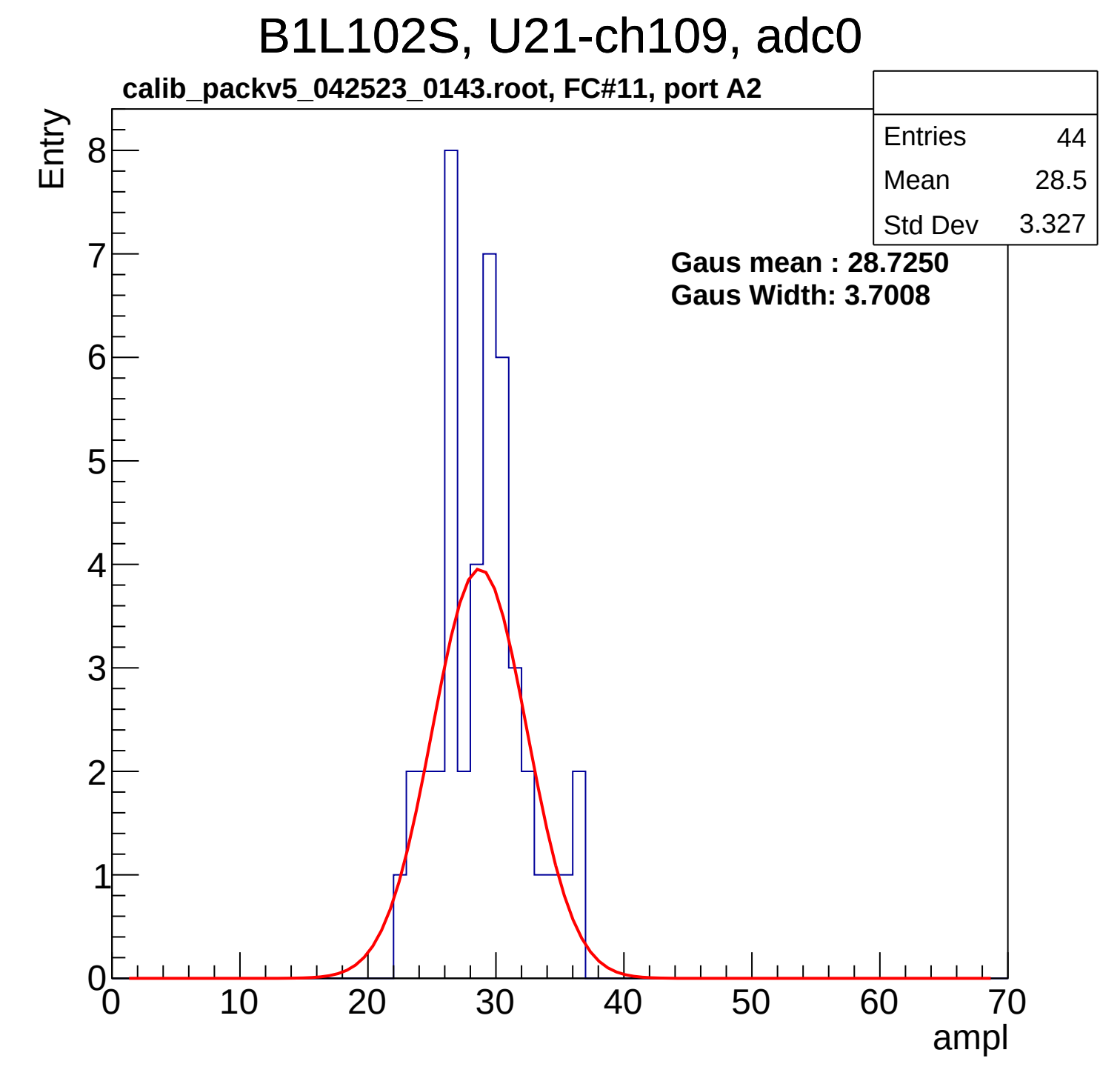

B1L102S, U21-ch108, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 60.5
Std Dev 1.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L102S, U21-ch108, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch109, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 44
Mean 28.5
Std Dev 3.327
Gaus mean : 28.7250
Gaus Width: 3.7008
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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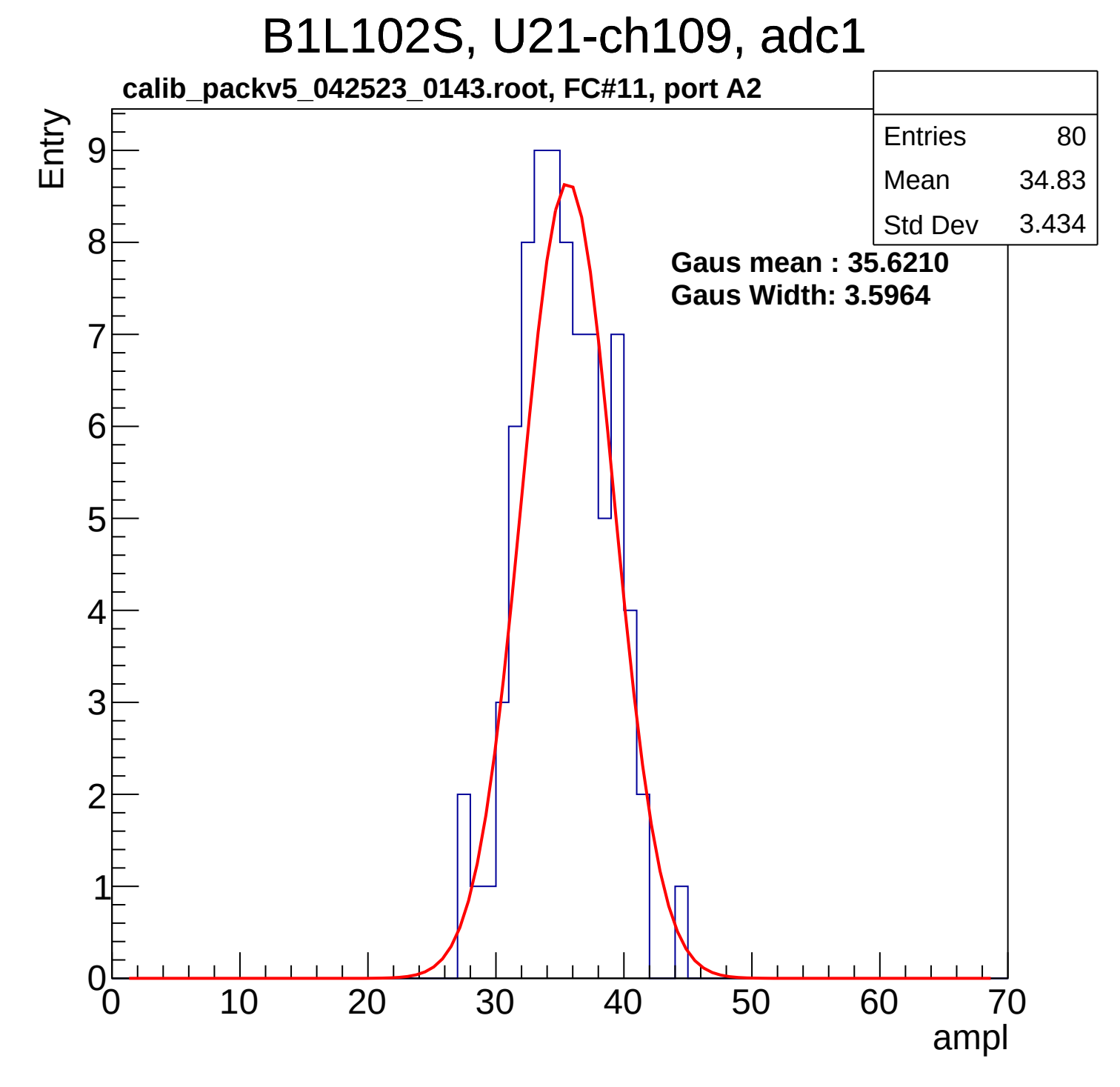
B1L102S, U21-ch109, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 80
Mean 34.83
Std Dev 3.434
Gaus mean : 35.6210
Gaus Width: 3.5964
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
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60
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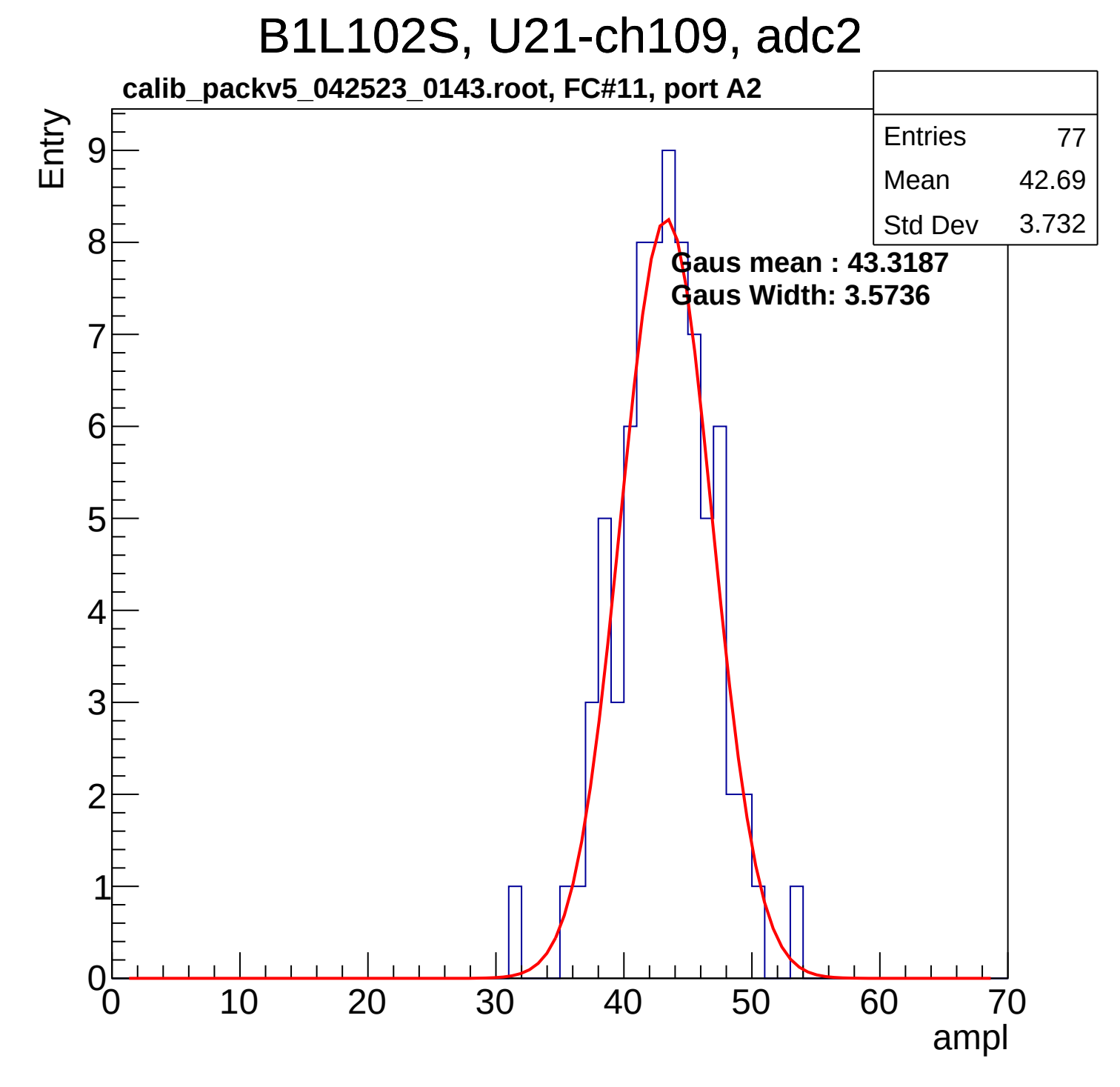
B1L102S, U21-ch109, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 42.69
Std Dev 3.732
Gaus mean : 43.3187
Gaus Width: 3.5736
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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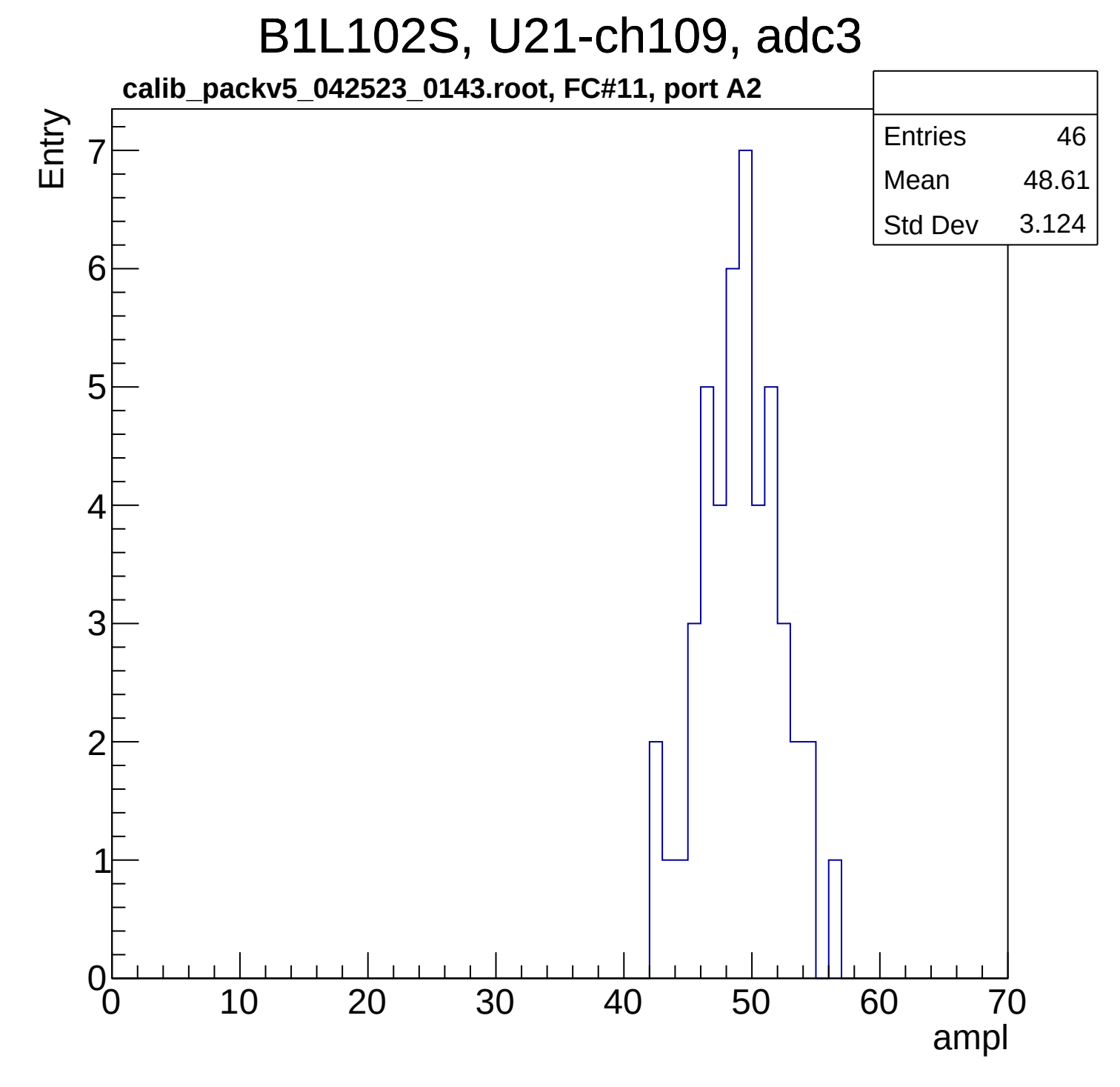
B1L102S, U21-ch109, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 46
Mean 48.61
Std Dev 3.124
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
30
40
50
60
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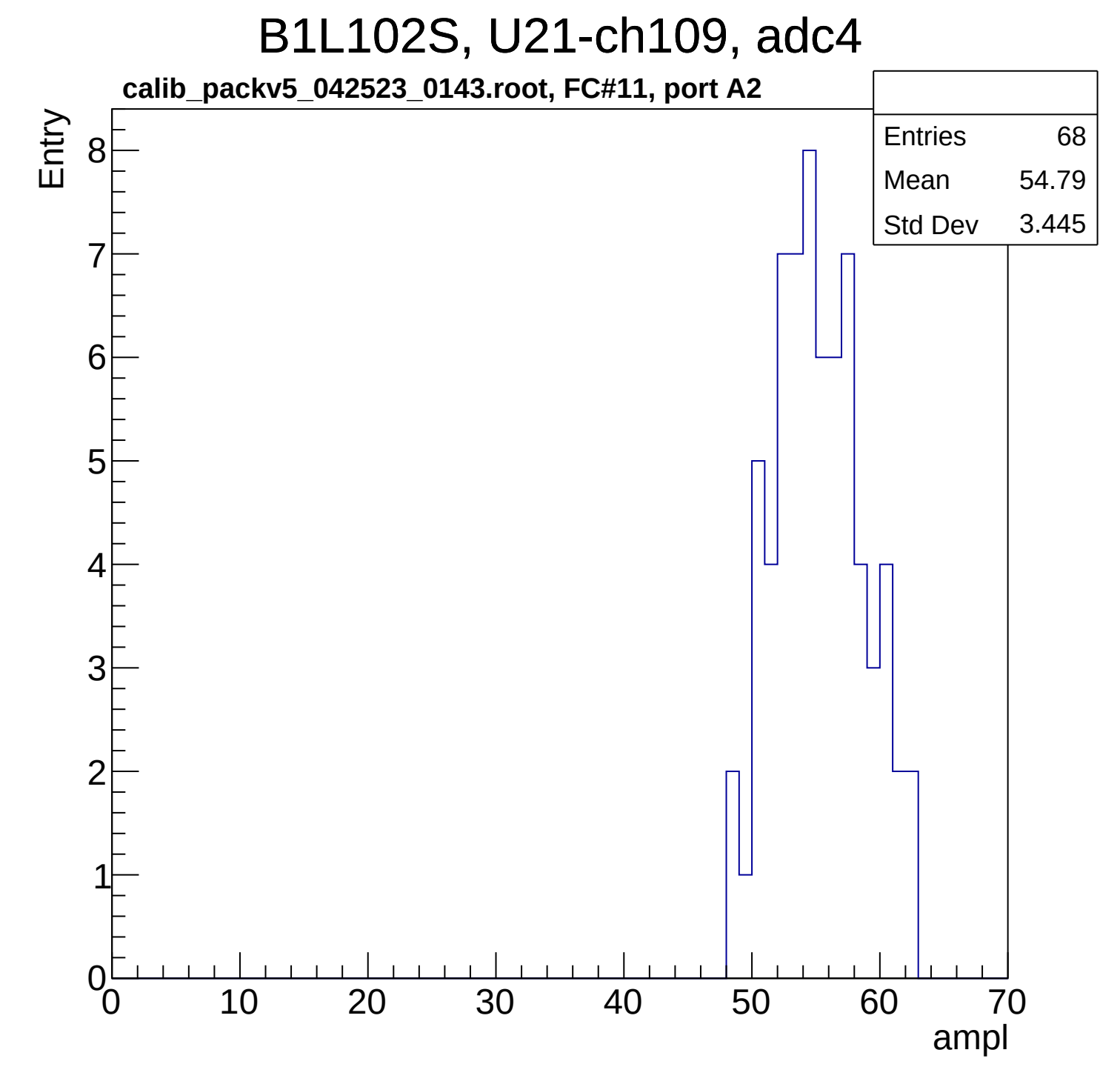
B1L102S, U21-ch109, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 54.79
Std Dev 3.445
Entry
ampl
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1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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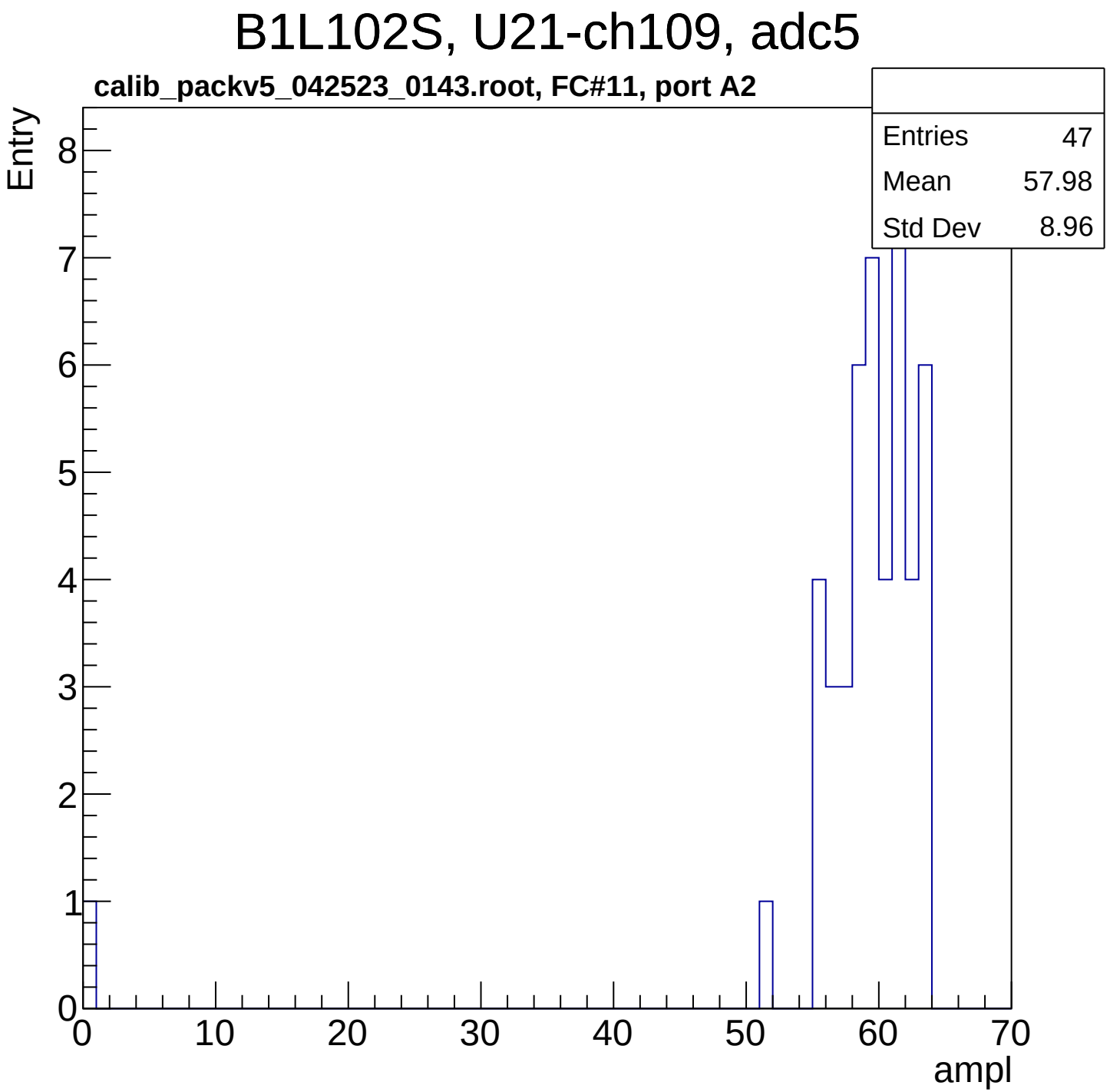
B1L102S, U21-ch109, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 47
Mean 57.98
Std Dev 8.96
Entry
ampl
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1
2
3
4
5
6
7
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0
10
20
30
40
50
60
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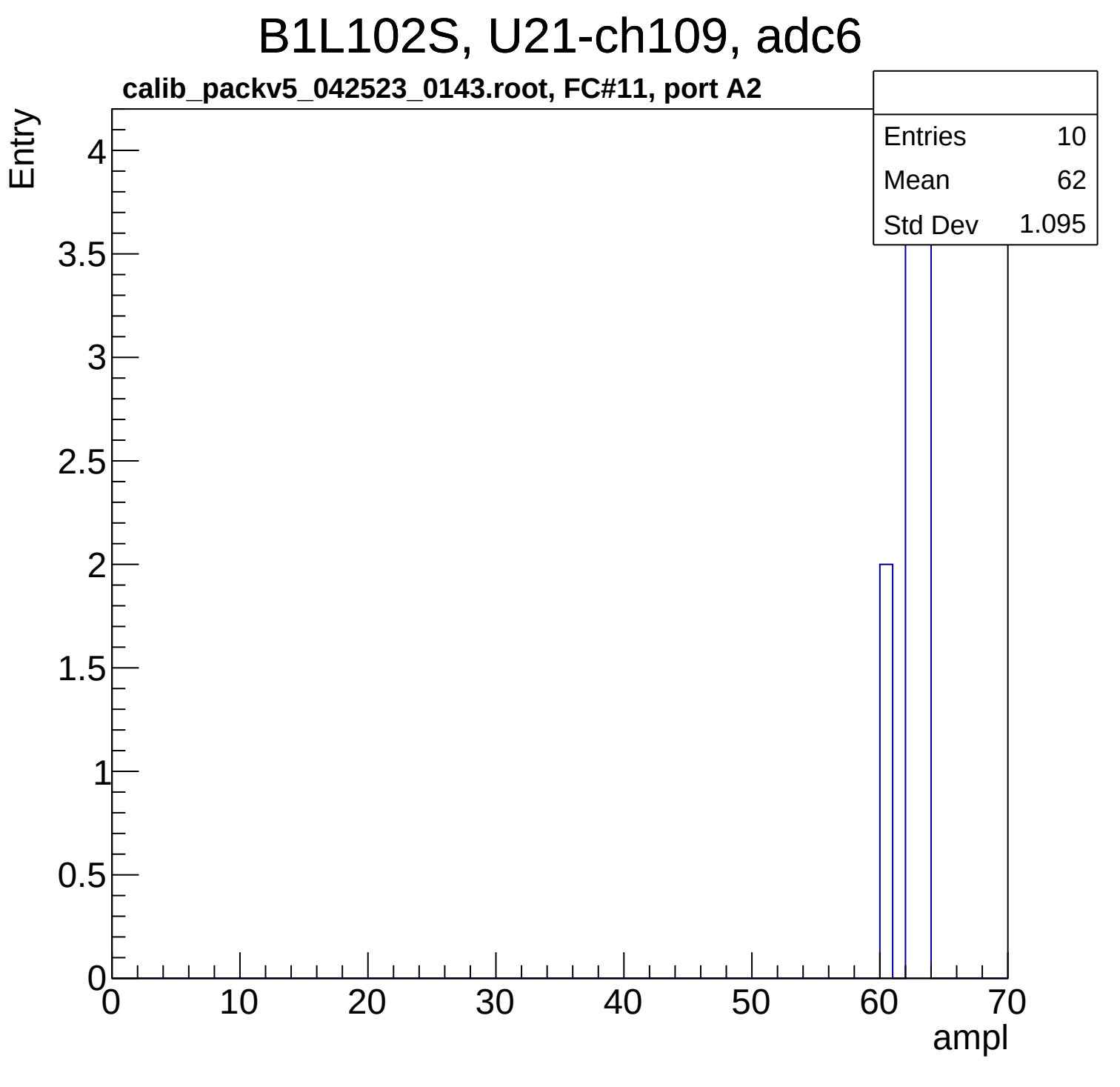
B1L102S, U21-ch109, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 10
Mean 62
Std Dev 1.095
Entry
ampl
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1.5
2
2.5
3
3.5
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0
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40
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60
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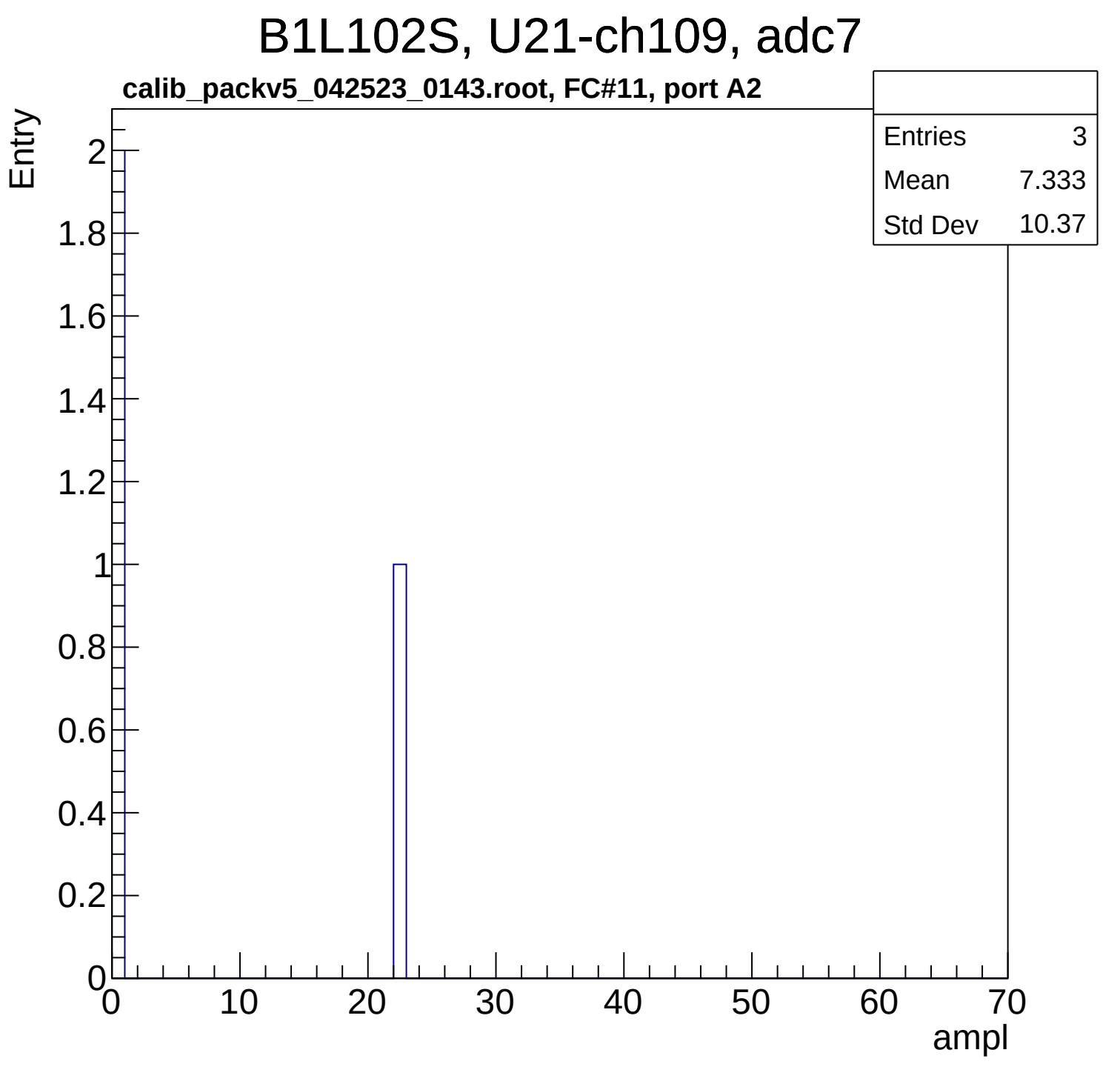
B1L102S, U21-ch109, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 7.333
Std Dev 10.37
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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20
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40
50
60
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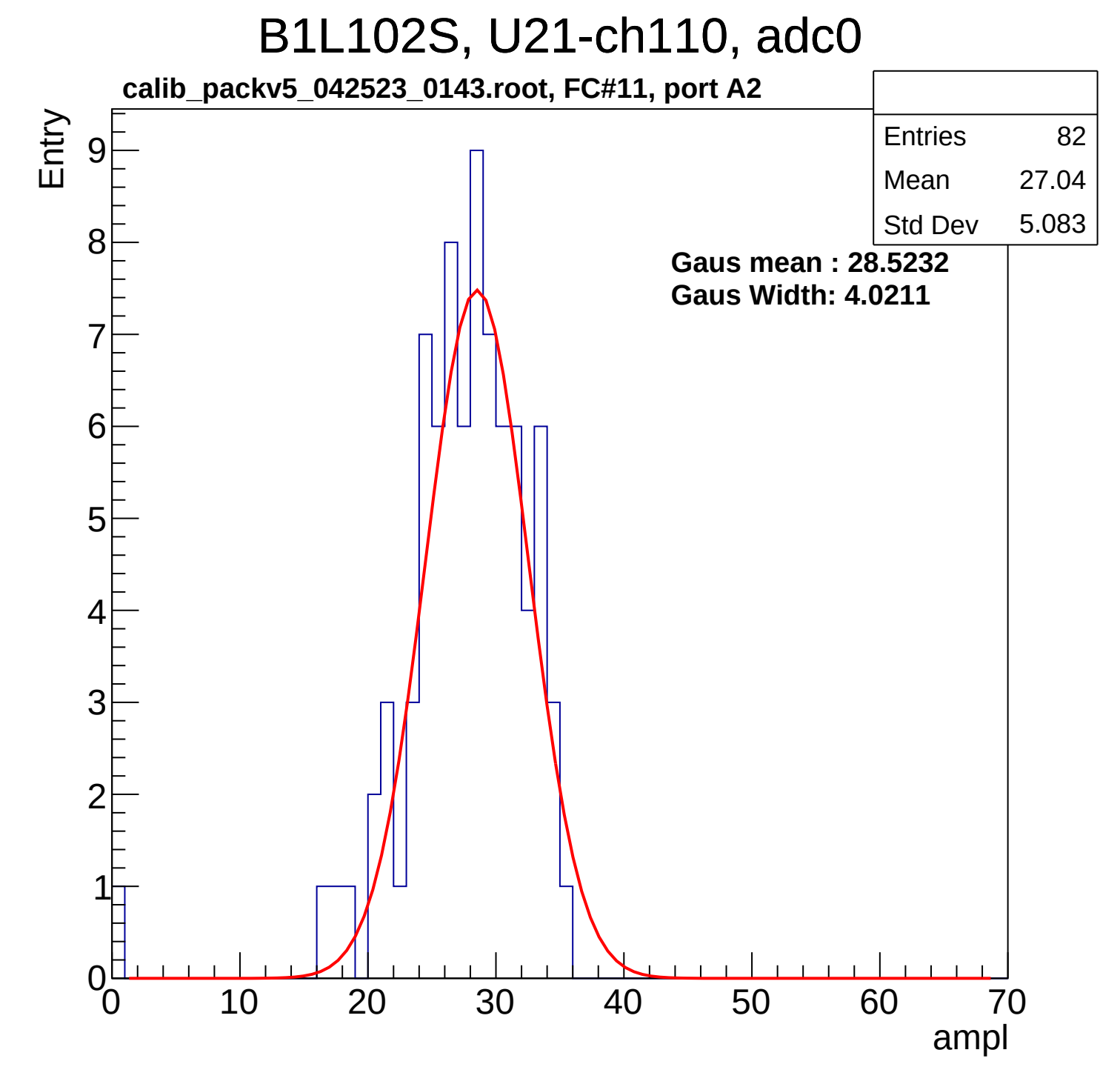
B1L102S, U21-ch110, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 82
Mean 27.04
Std Dev 5.083
Gaus mean : 28.5232
Gaus Width: 4.0211
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
30
40
50
60
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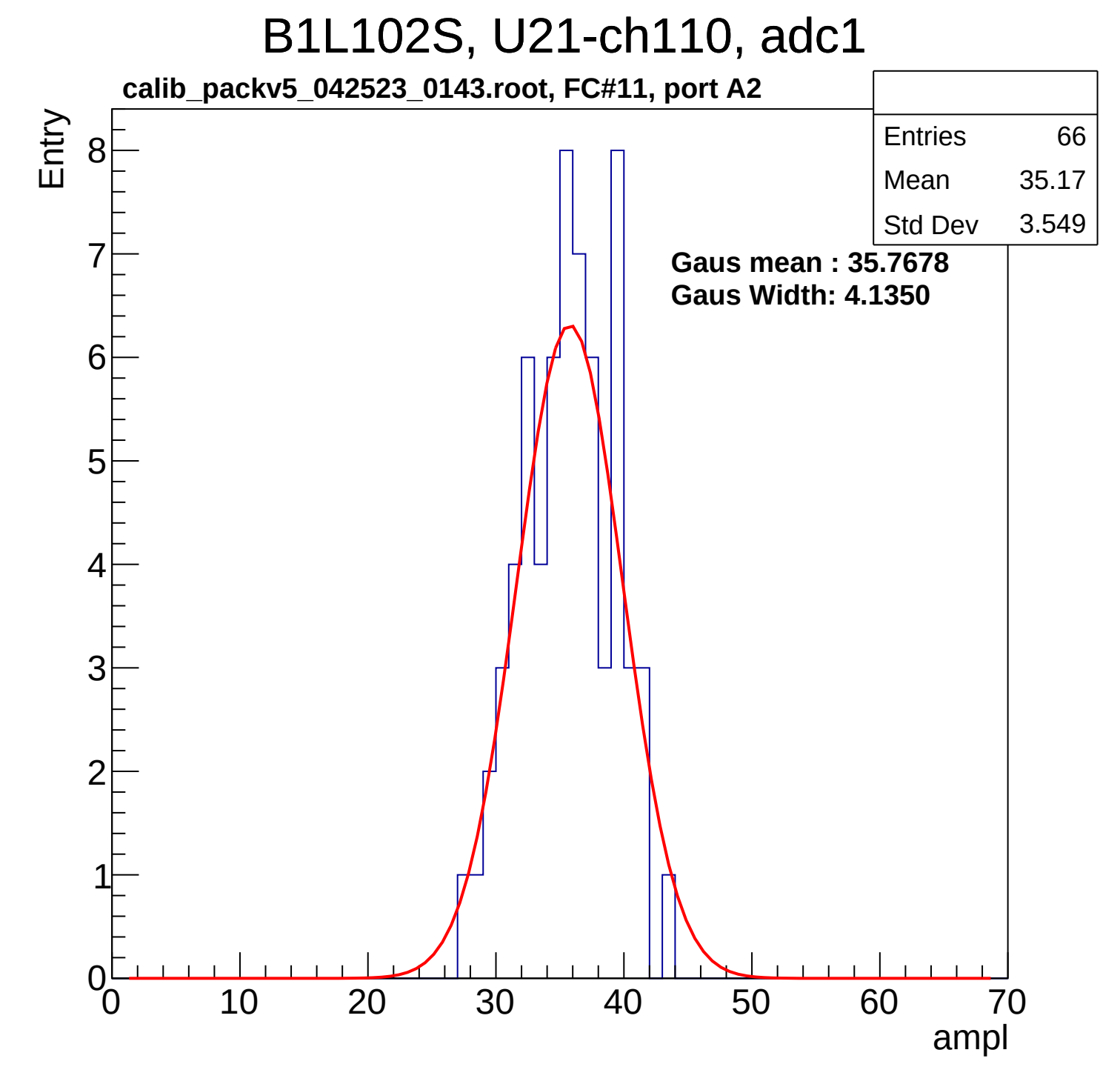
B1L102S, U21-ch110, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 35.17
Std Dev 3.549
Gaus mean : 35.7678
Gaus Width: 4.1350
Entry
ampl
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2
3
4
5
6
7
8
0
10
20
30
40
50
60
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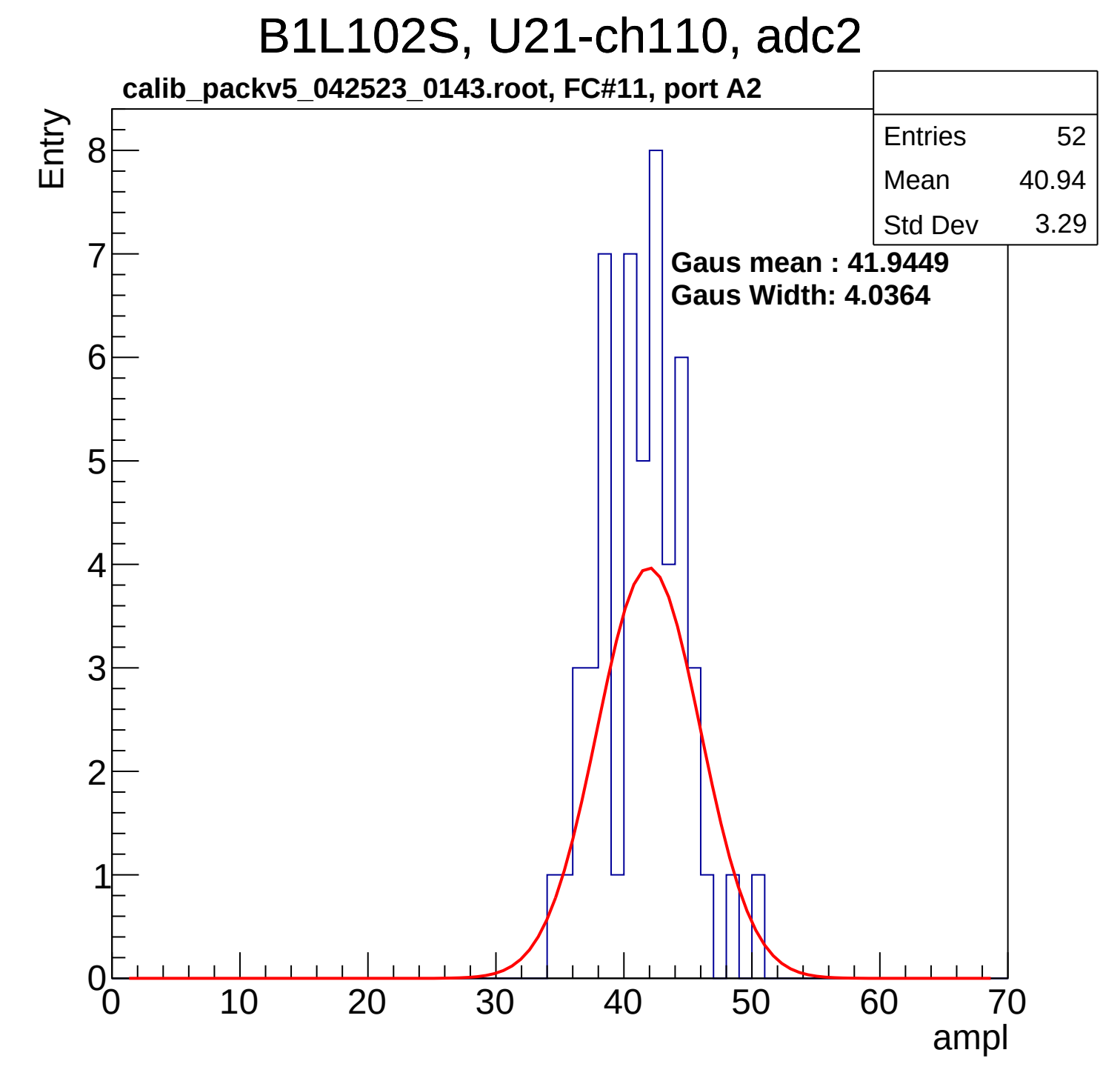
B1L102S, U21-ch110, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 40.94
Std Dev 3.29
Gaus mean : 41.9449
Gaus Width: 4.0364
Entry
ampl
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2
3
4
5
6
7
8
0
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20
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40
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60
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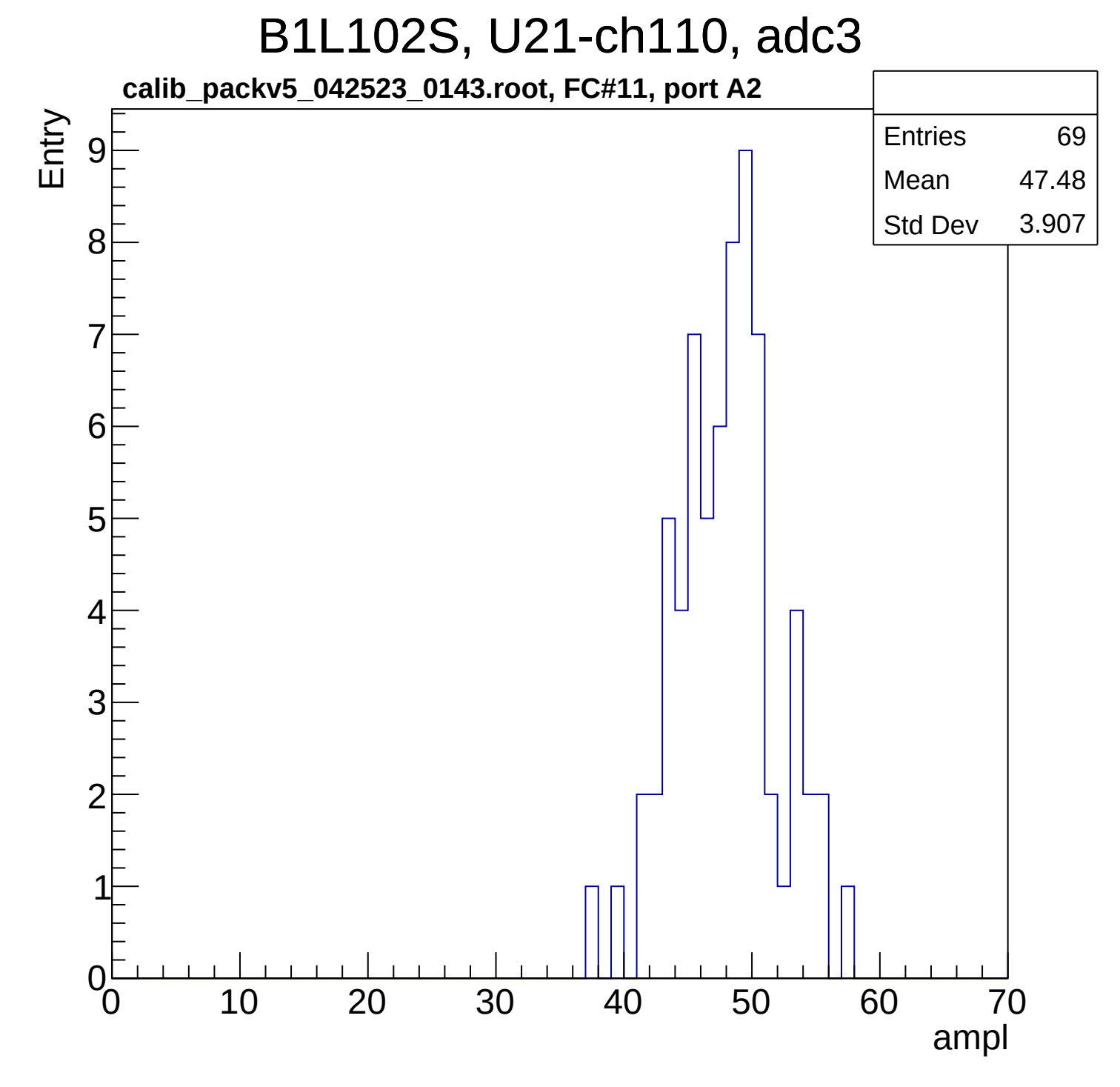
B1L102S, U21-ch110, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 47.48
Std Dev 3.907
Entry
ampl
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6
7
8
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0
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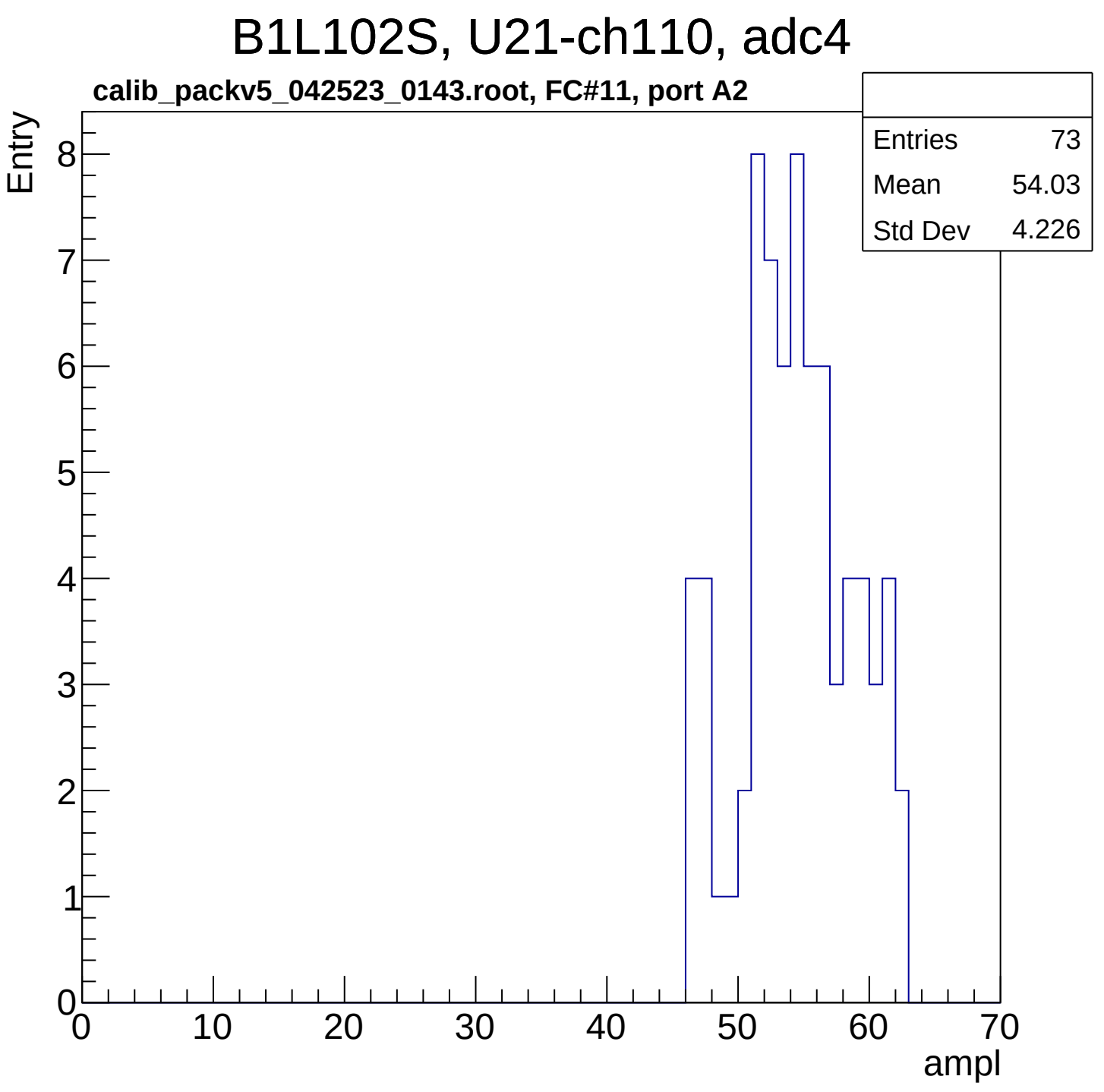
B1L102S, U21-ch110, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 54.03
Std Dev 4.226
Entry
ampl
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5
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7
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0
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20
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60
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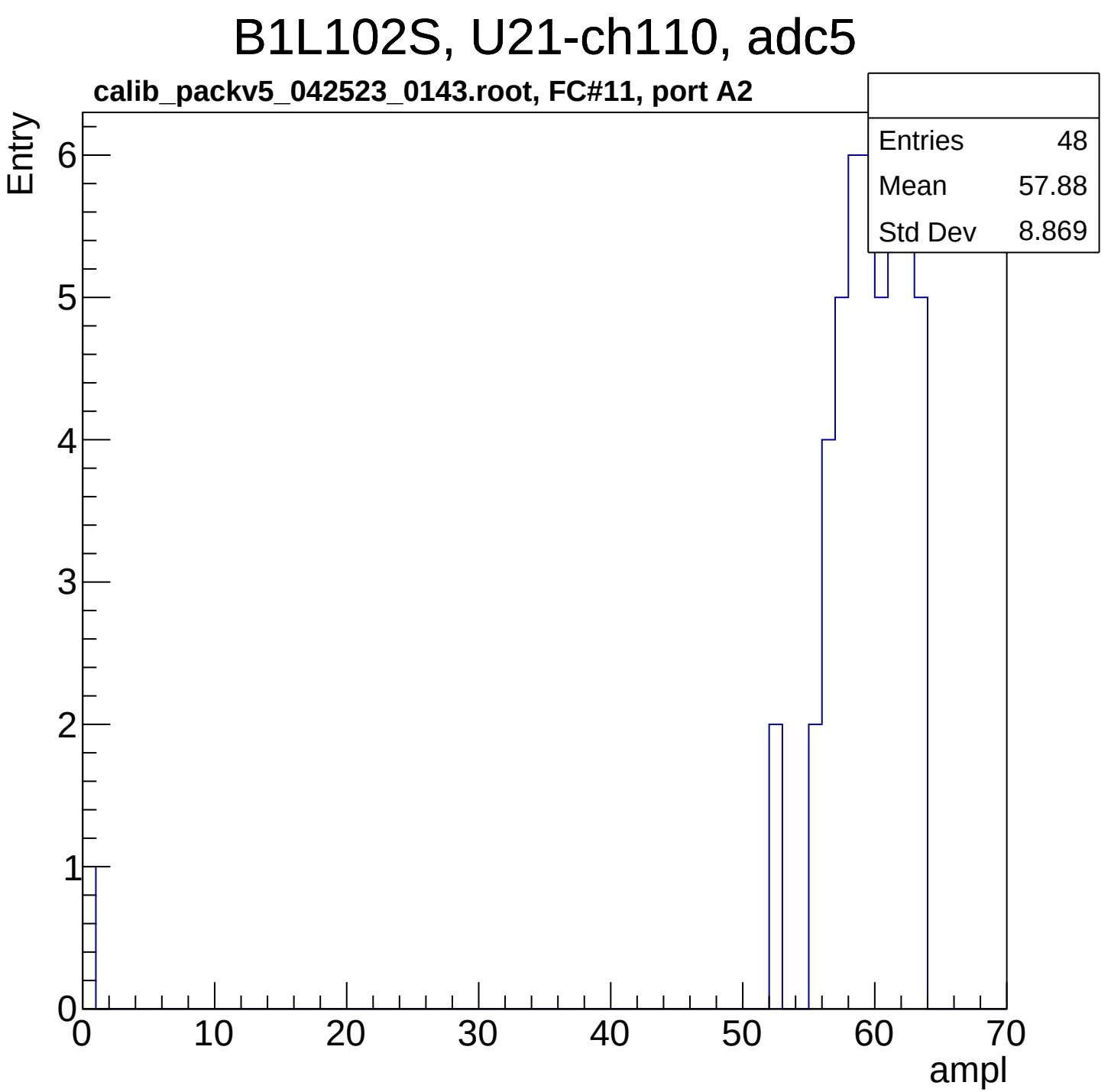
B1L102S, U21-ch110, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 48
Mean 57.88
Std Dev 8.869
Entry
ampl
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60
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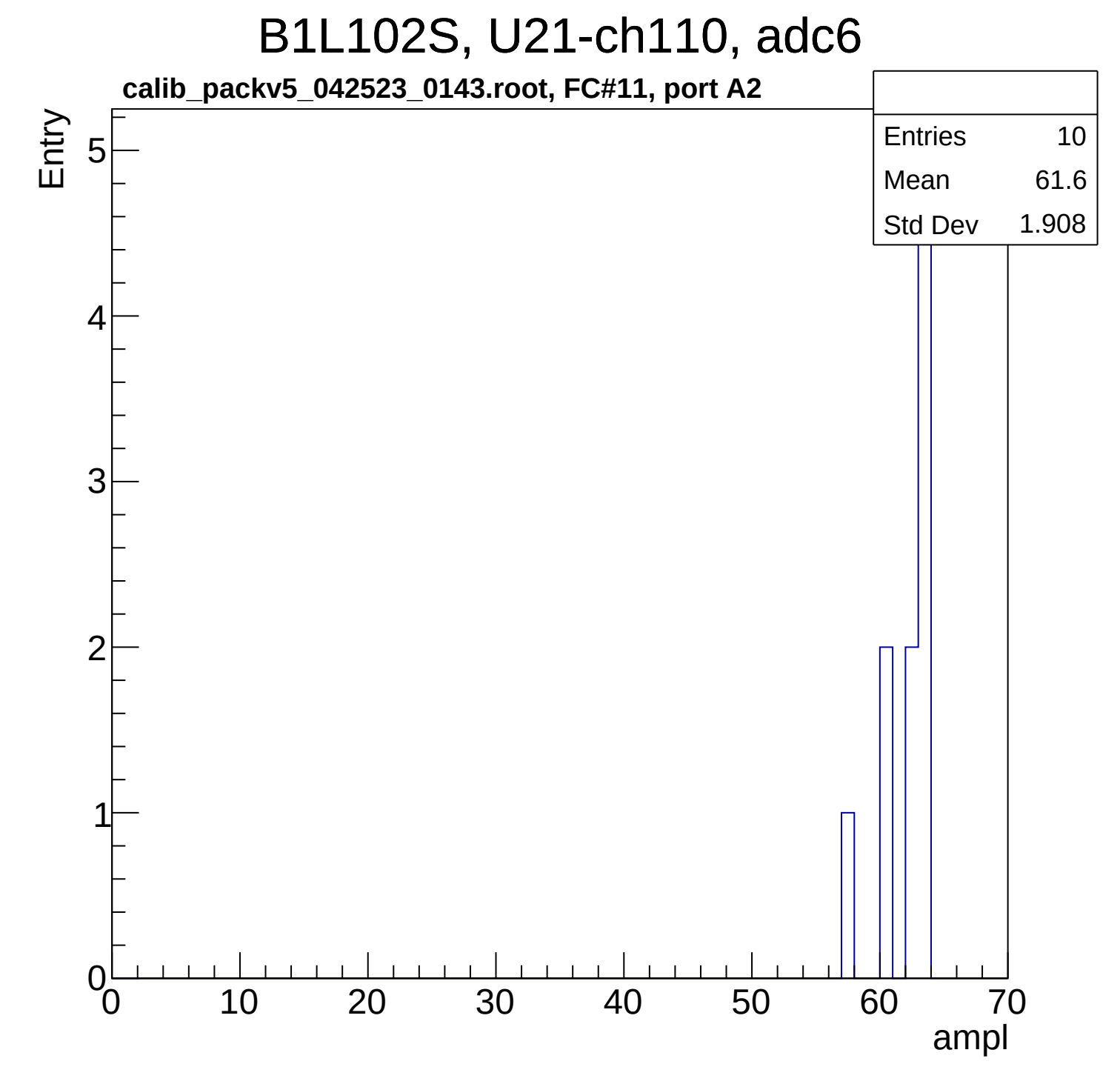
B1L102S, U21-ch110, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 10
Mean 61.6
Std Dev 1.908
Entry
ampl
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40
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60
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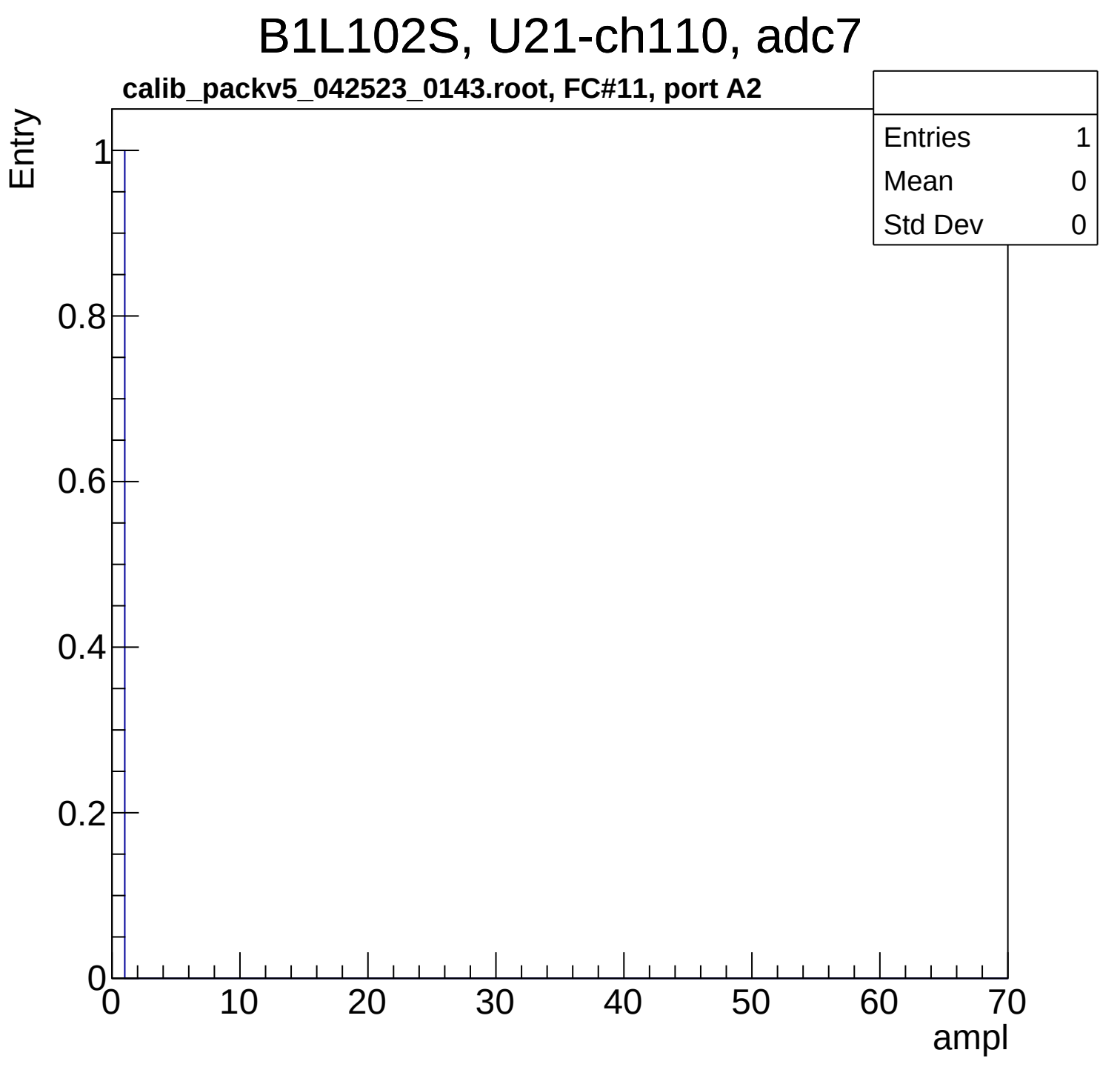
B1L102S, U21-ch110, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 0
Std Dev 0
Entry
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0.4
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10
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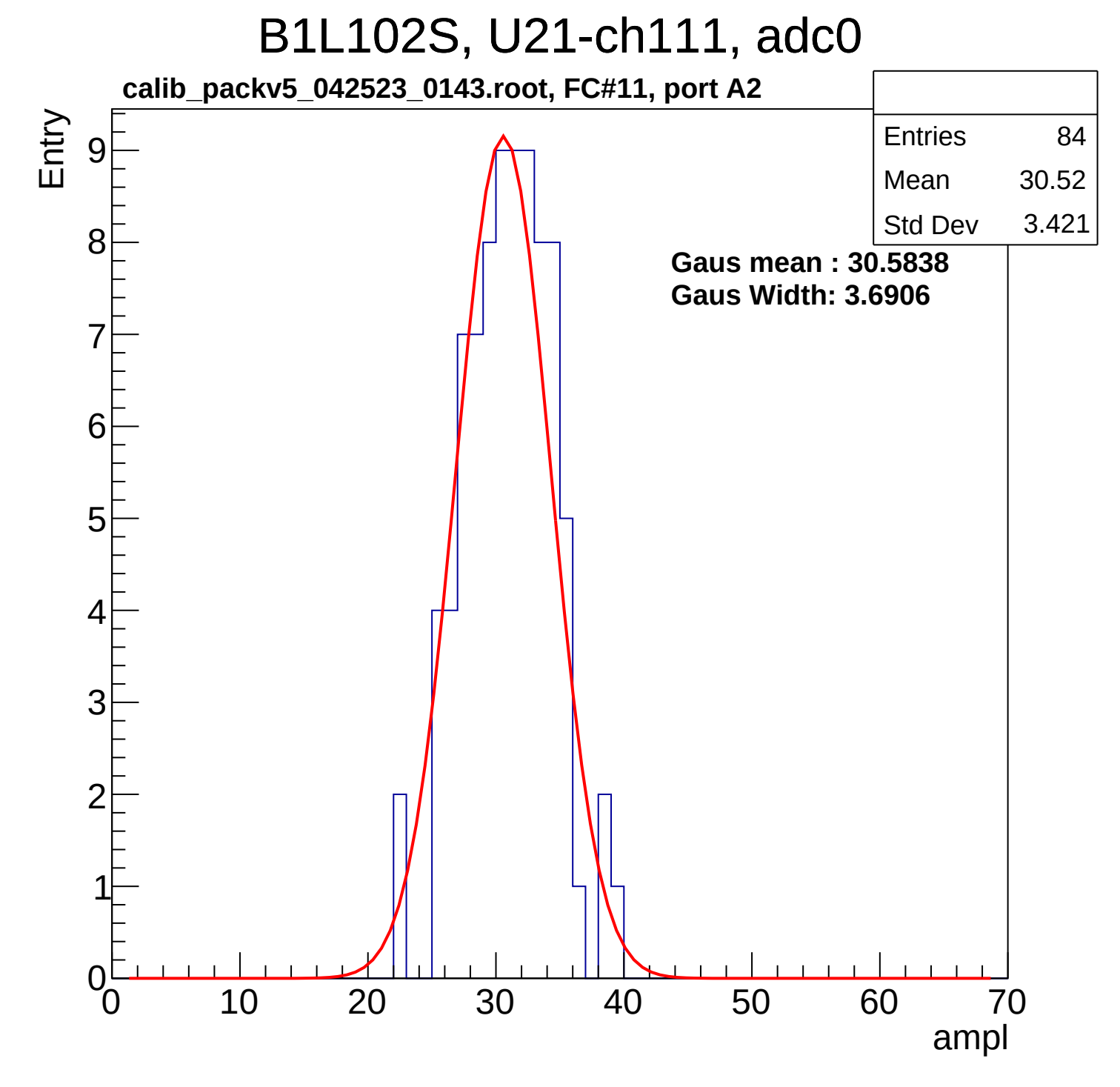
40
50
60
70
ampl


B1L102S, U21-ch111, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 84
Mean 30.52
Std Dev 3.421
Gaus mean : 30.5838
Gaus Width: 3.6906
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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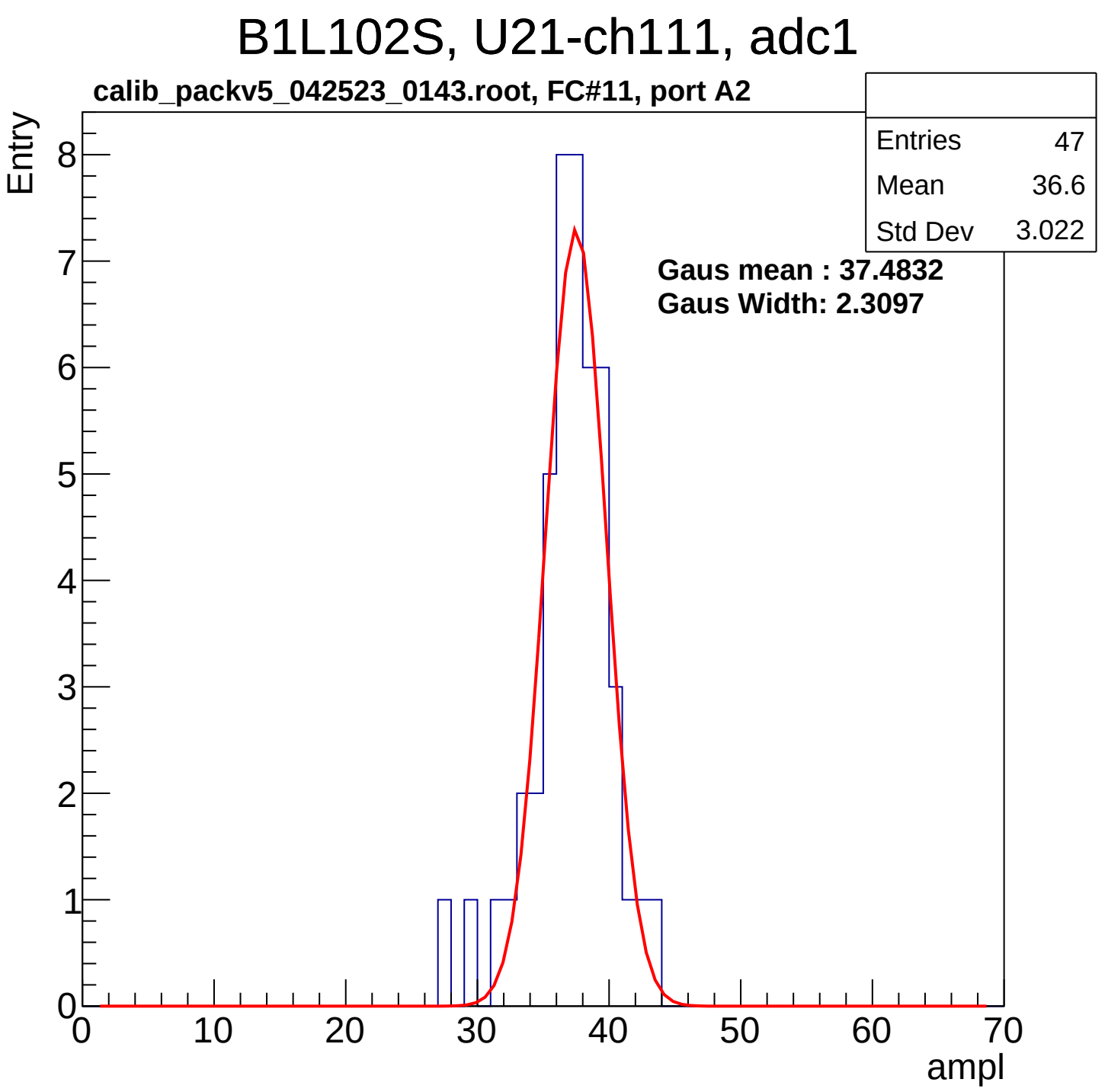
B1L102S, U21-ch111, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 47
Mean 36.6
Std Dev 3.022
Gaus mean : 37.4832
Gaus Width: 2.3097
Entry
ampl
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1
2
3
4
5
6
7
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0
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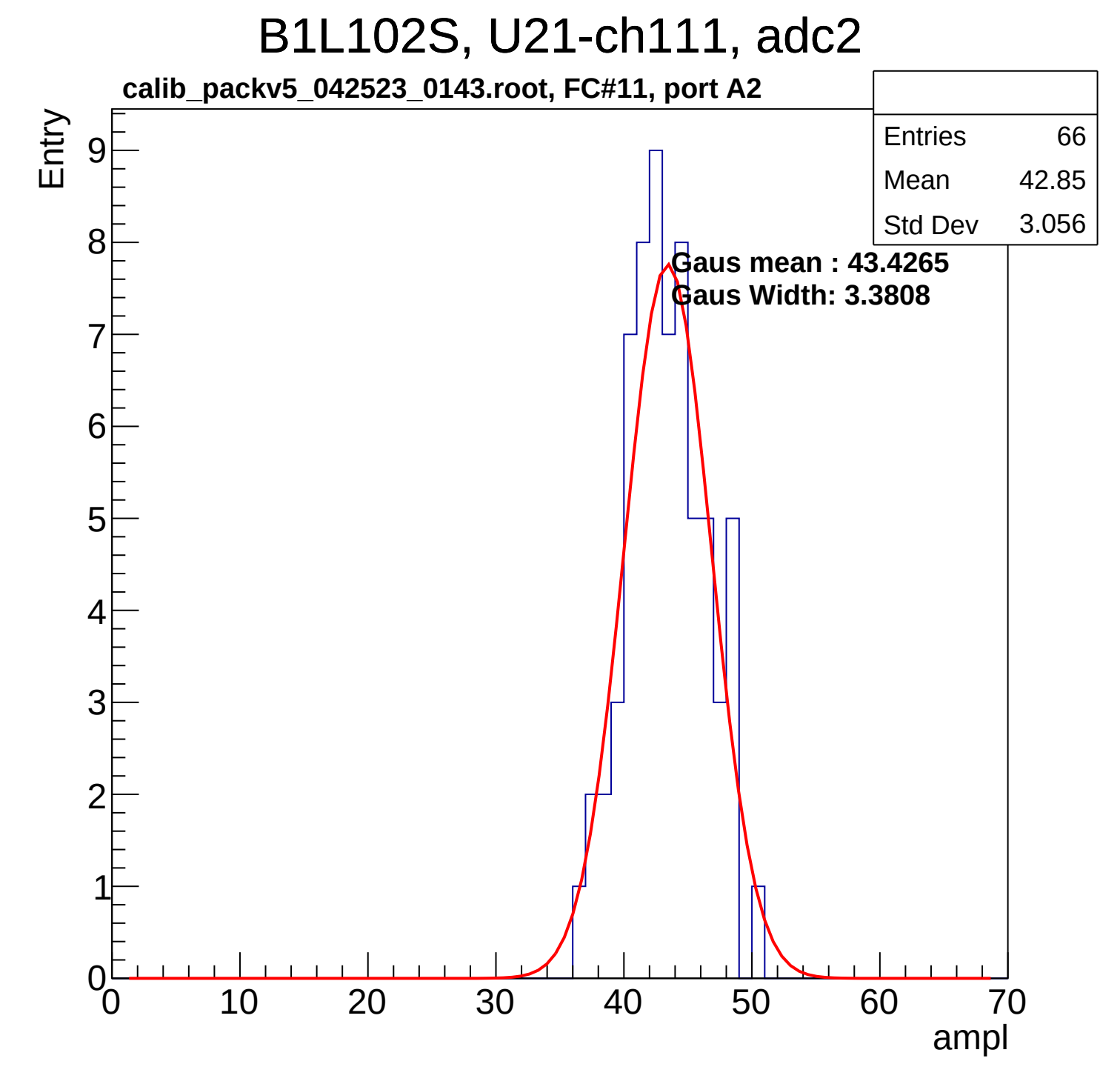
B1L102S, U21-ch111, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 42.85
Std Dev 3.056
Gaus mean : 43.4265
Gaus Width: 3.3808
Entry
ampl
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2
3
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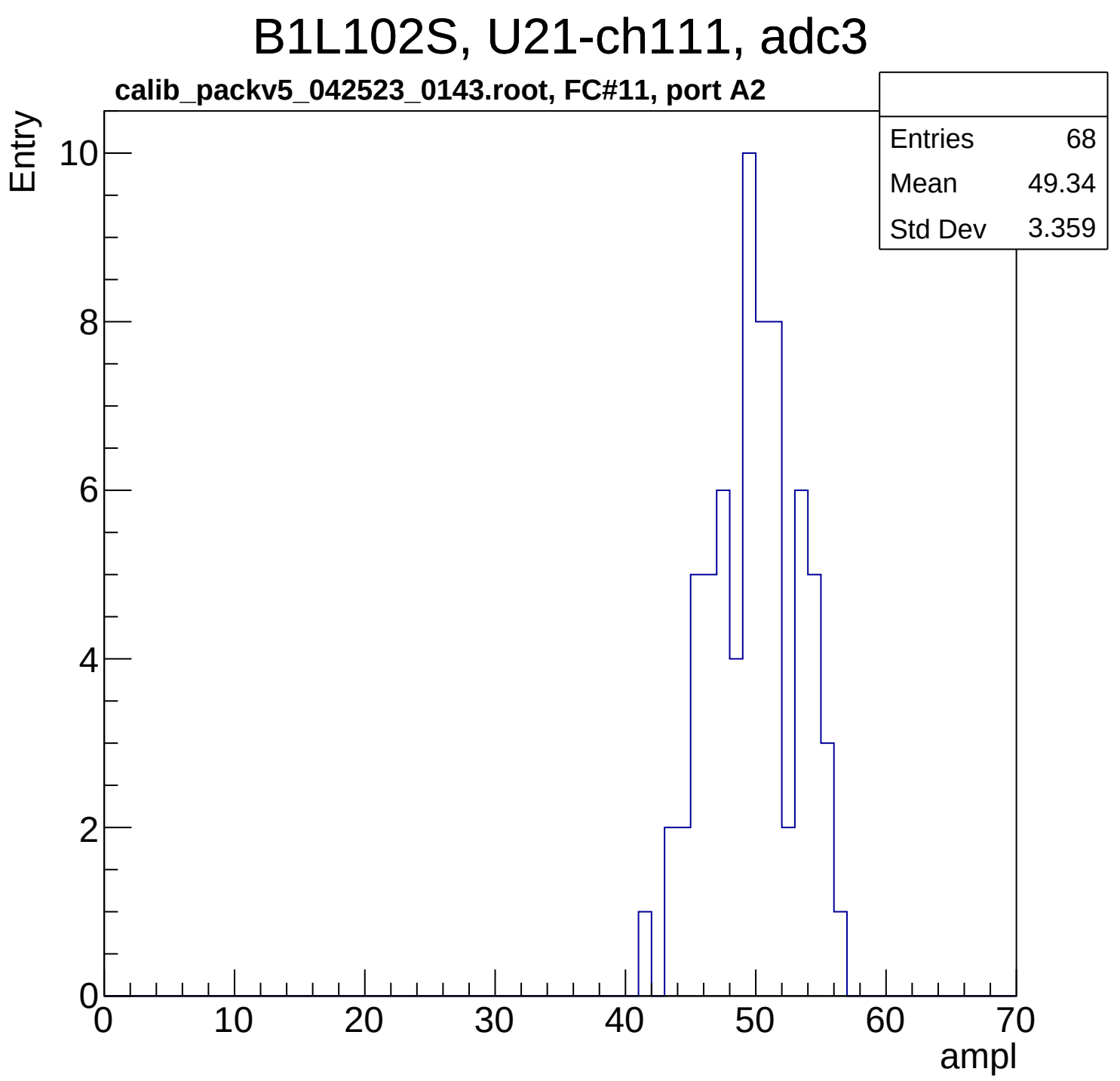
B1L102S, U21-ch111, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 49.34
Std Dev 3.359
Entry
ampl
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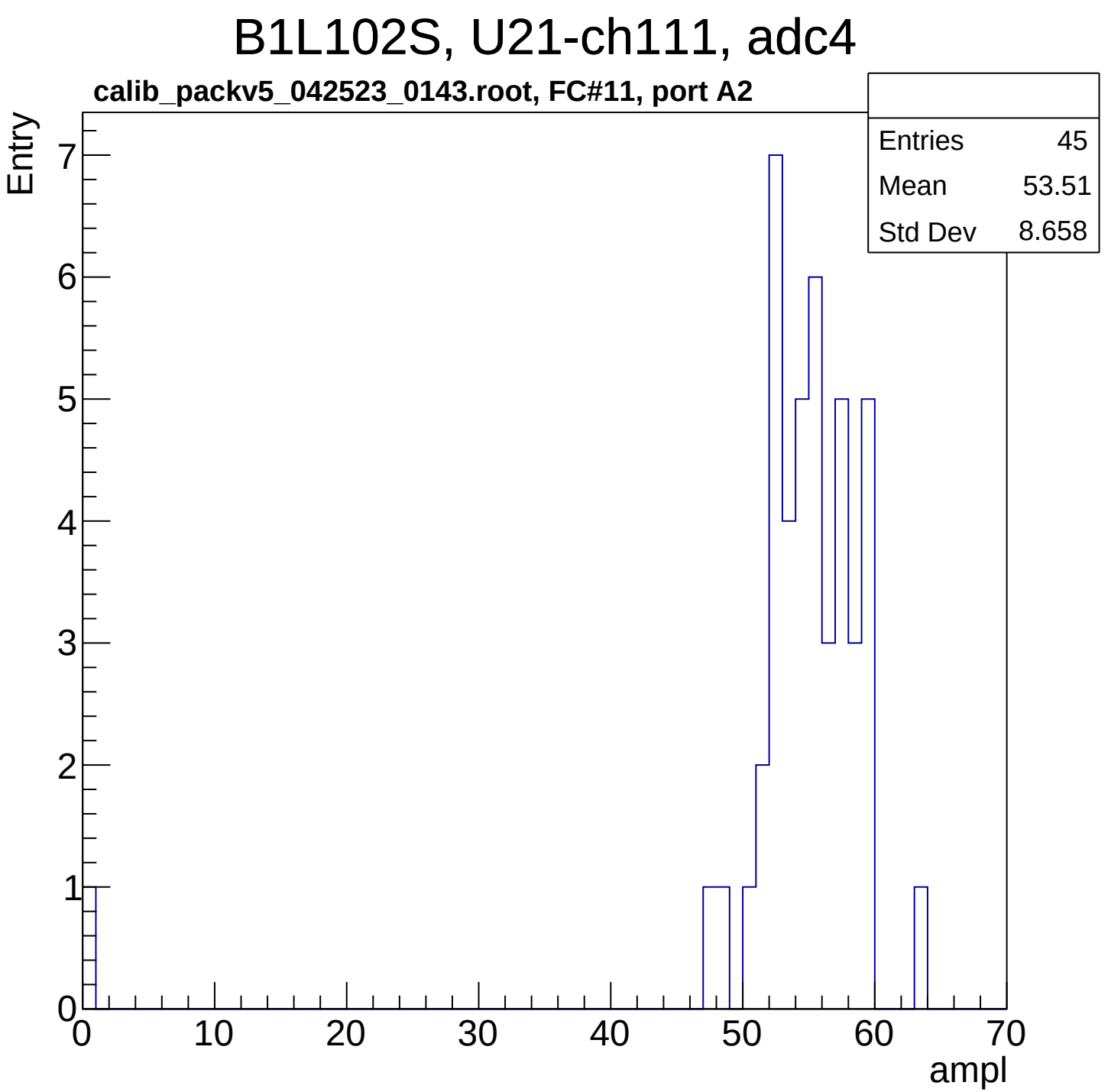
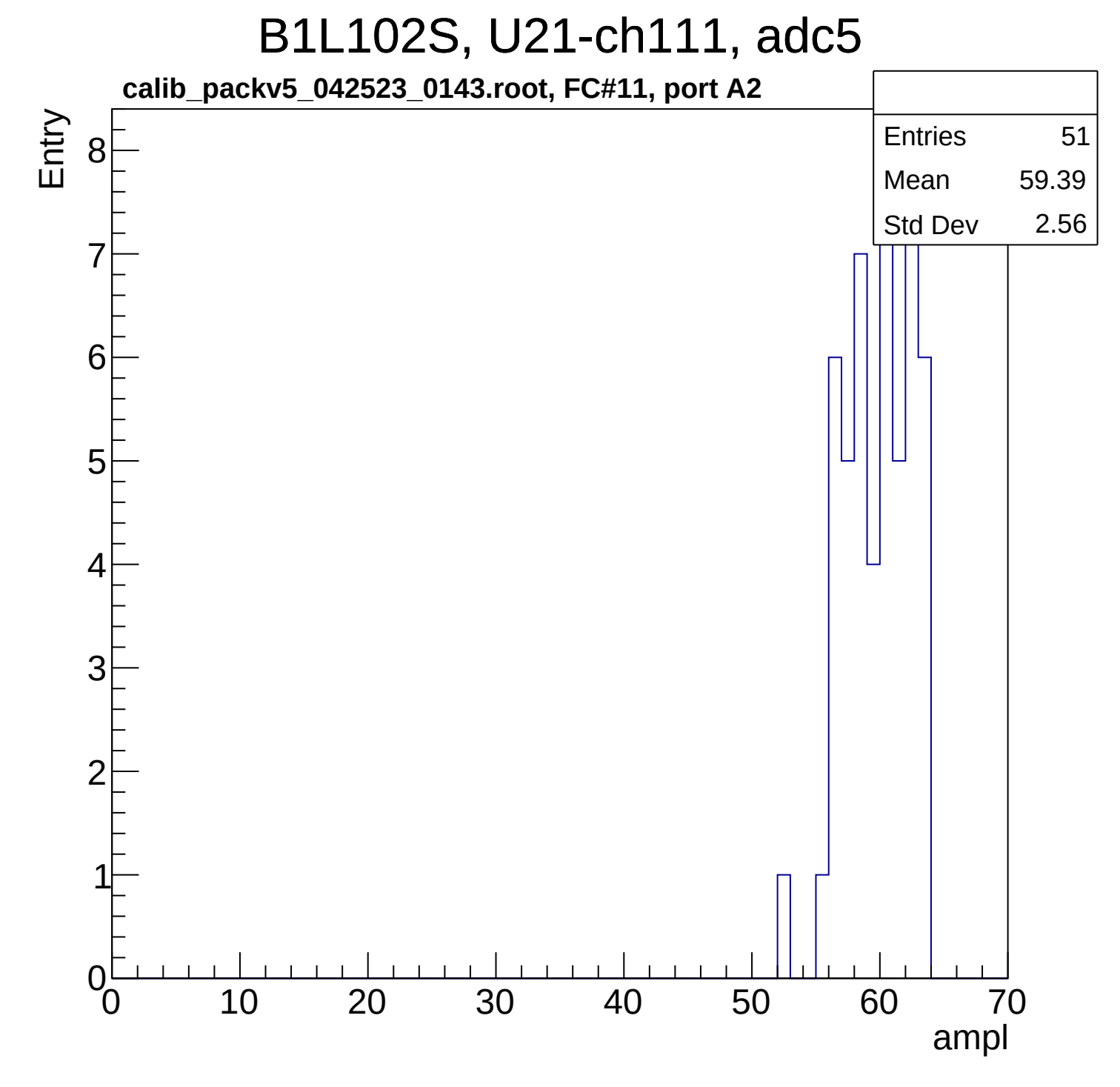

B1L102S, U21-ch111, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 45
Mean 53.51
Std Dev 8.658
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch111, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 59.39
Std Dev 2.56
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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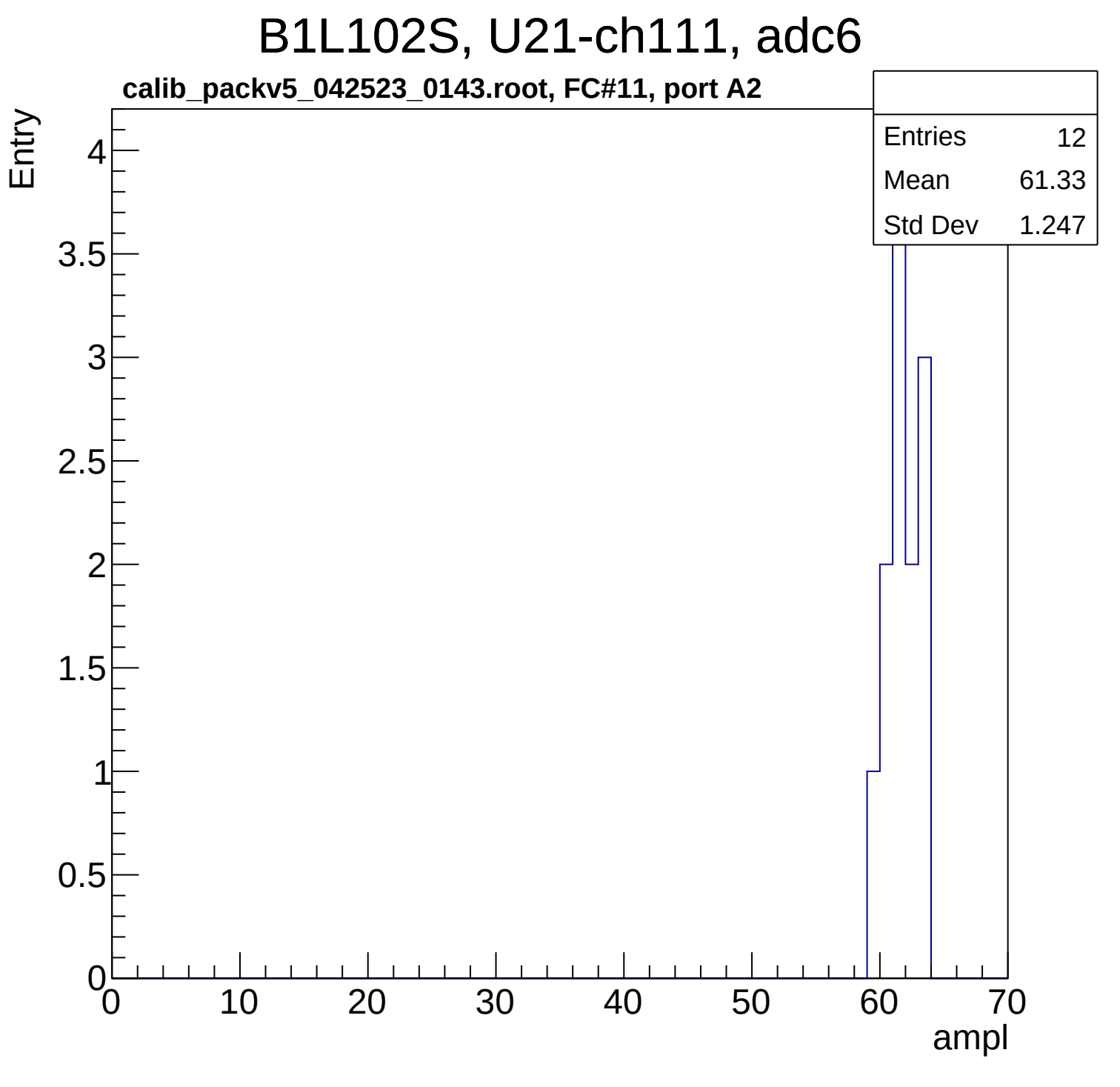
B1L102S, U21-ch111, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 12
Mean 61.33
Std Dev 1.247
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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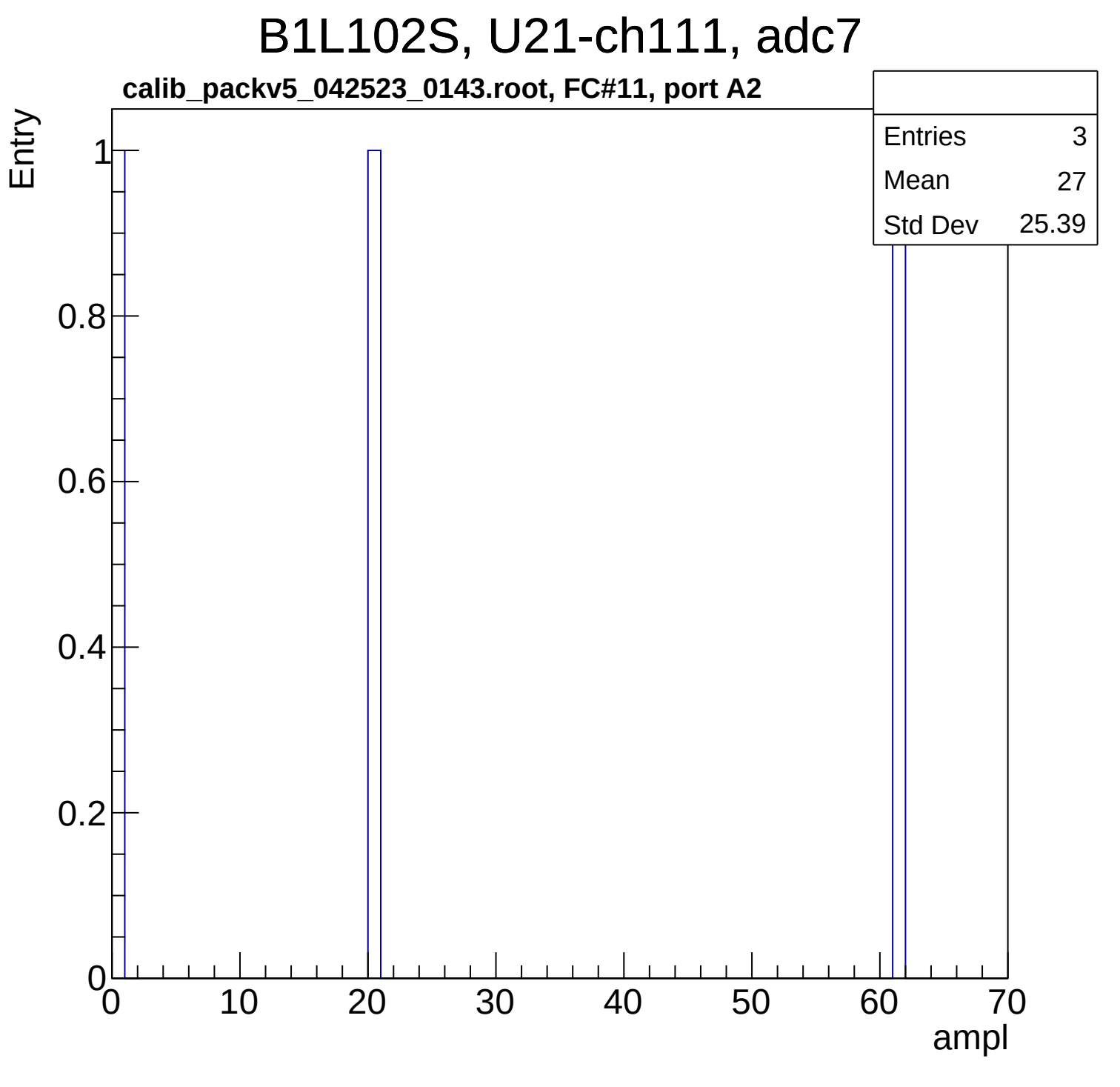
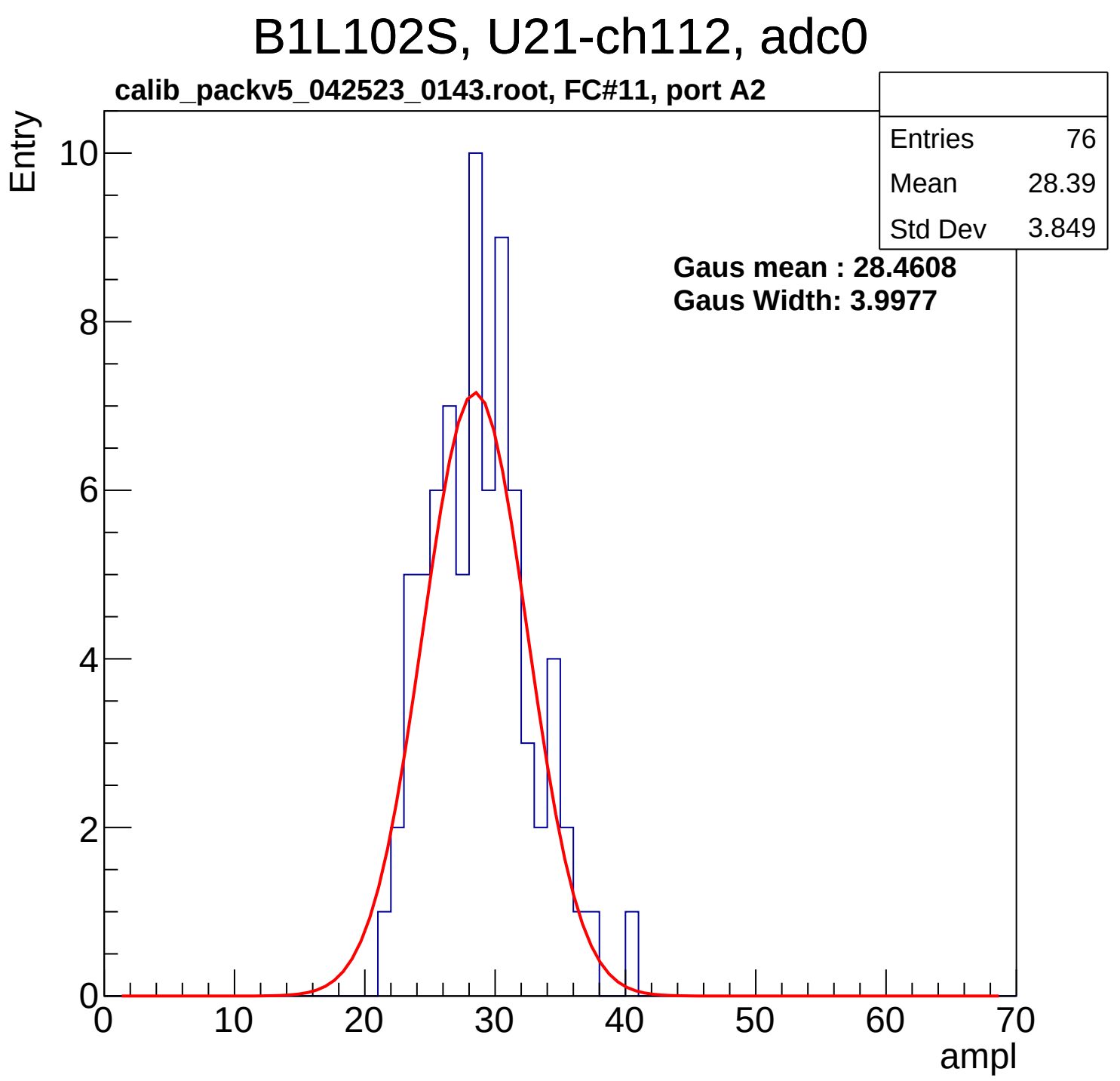
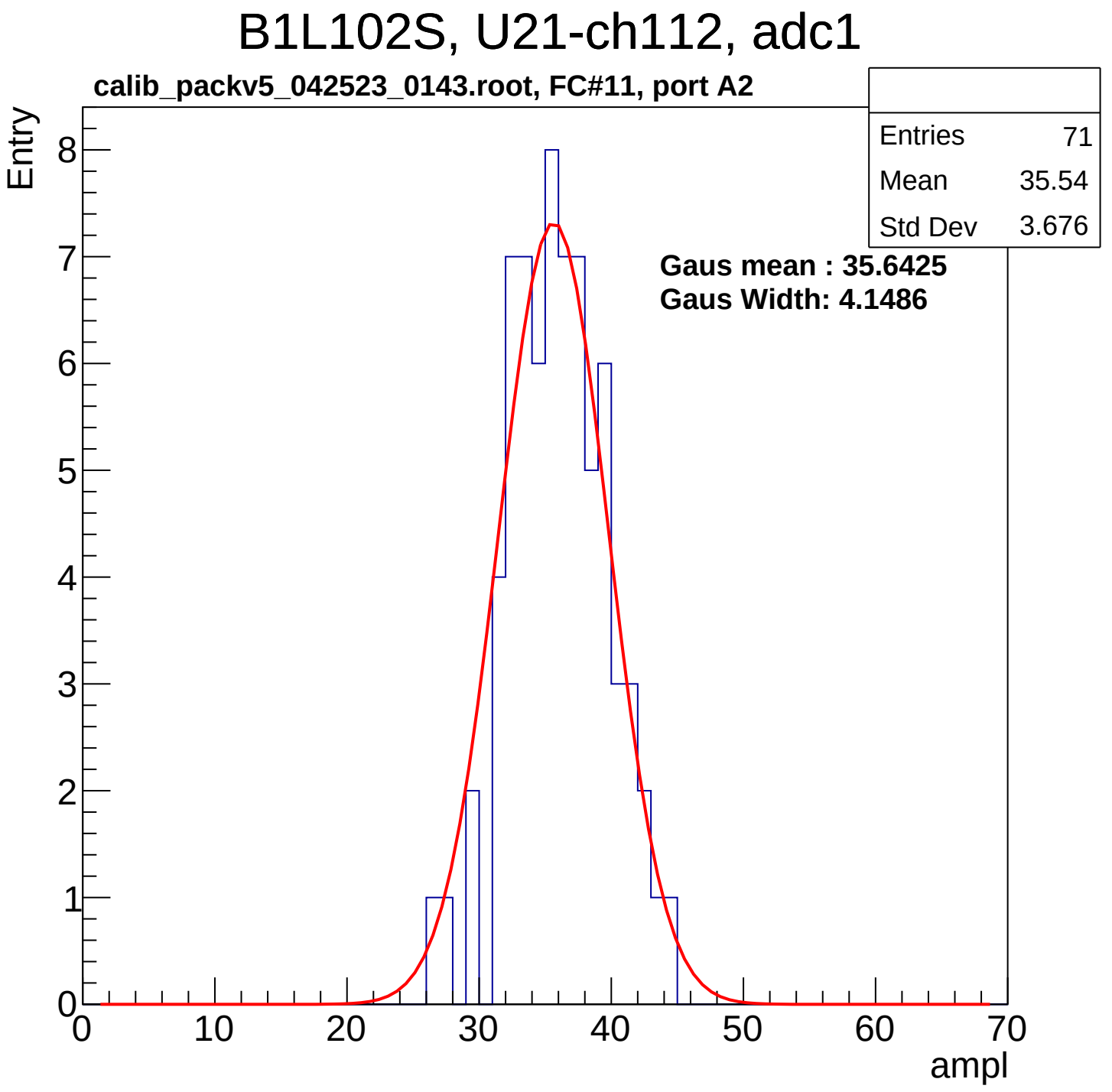

B1L102S, U21-ch111, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 27
Std Dev 25.39
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L102S, U21-ch112, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 76
Mean 28.39
Std Dev 3.849
Gaus mean : 28.4608
Gaus Width: 3.9977
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch112, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 71
Mean 35.54
Std Dev 3.676
Gaus mean : 35.6425
Gaus Width: 4.1486
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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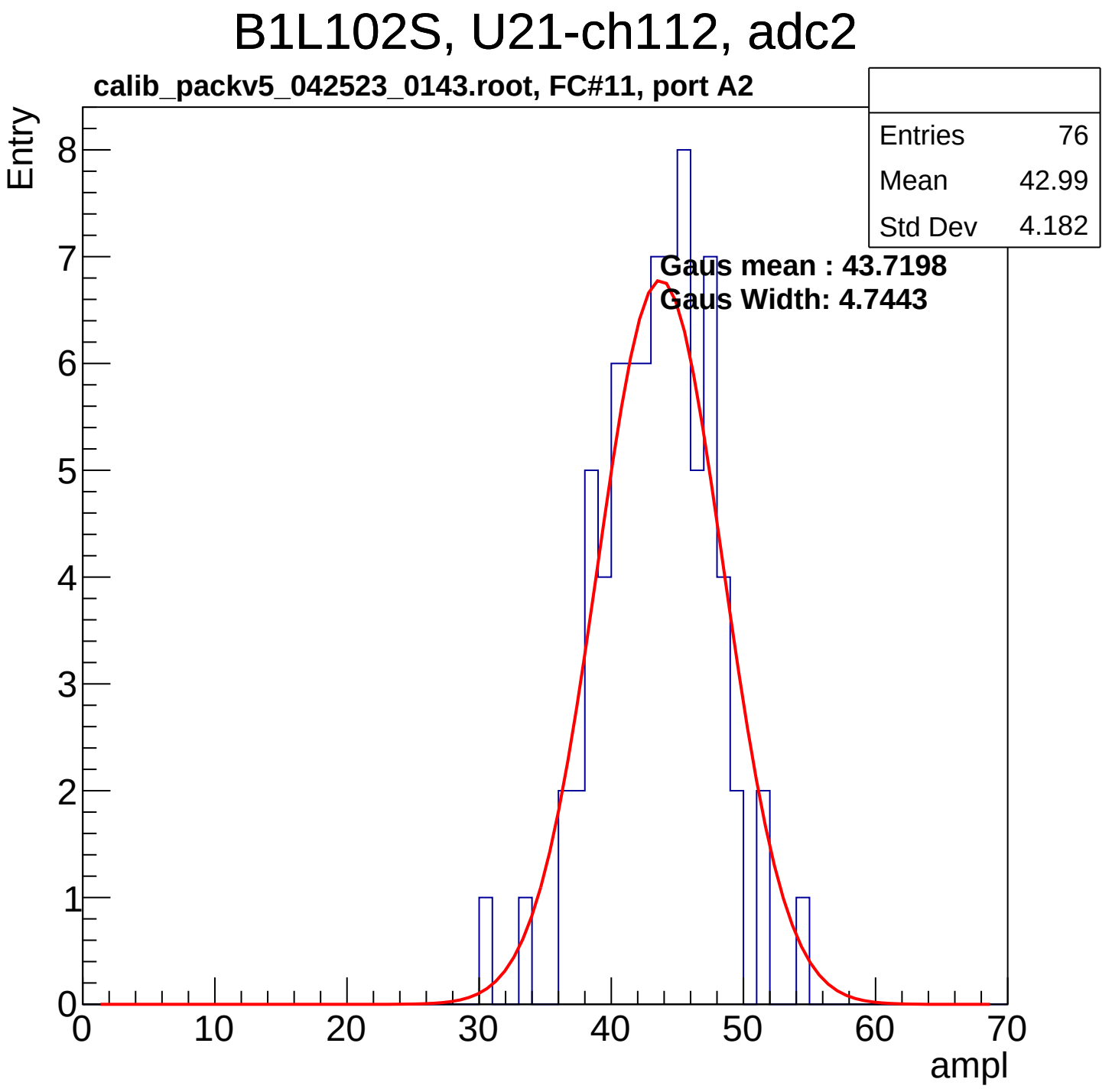
B1L102S, U21-ch112, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 76
Mean 42.99
Std Dev 4.182
Gaus mean : 43.7198
Gaus Width: 4.7443
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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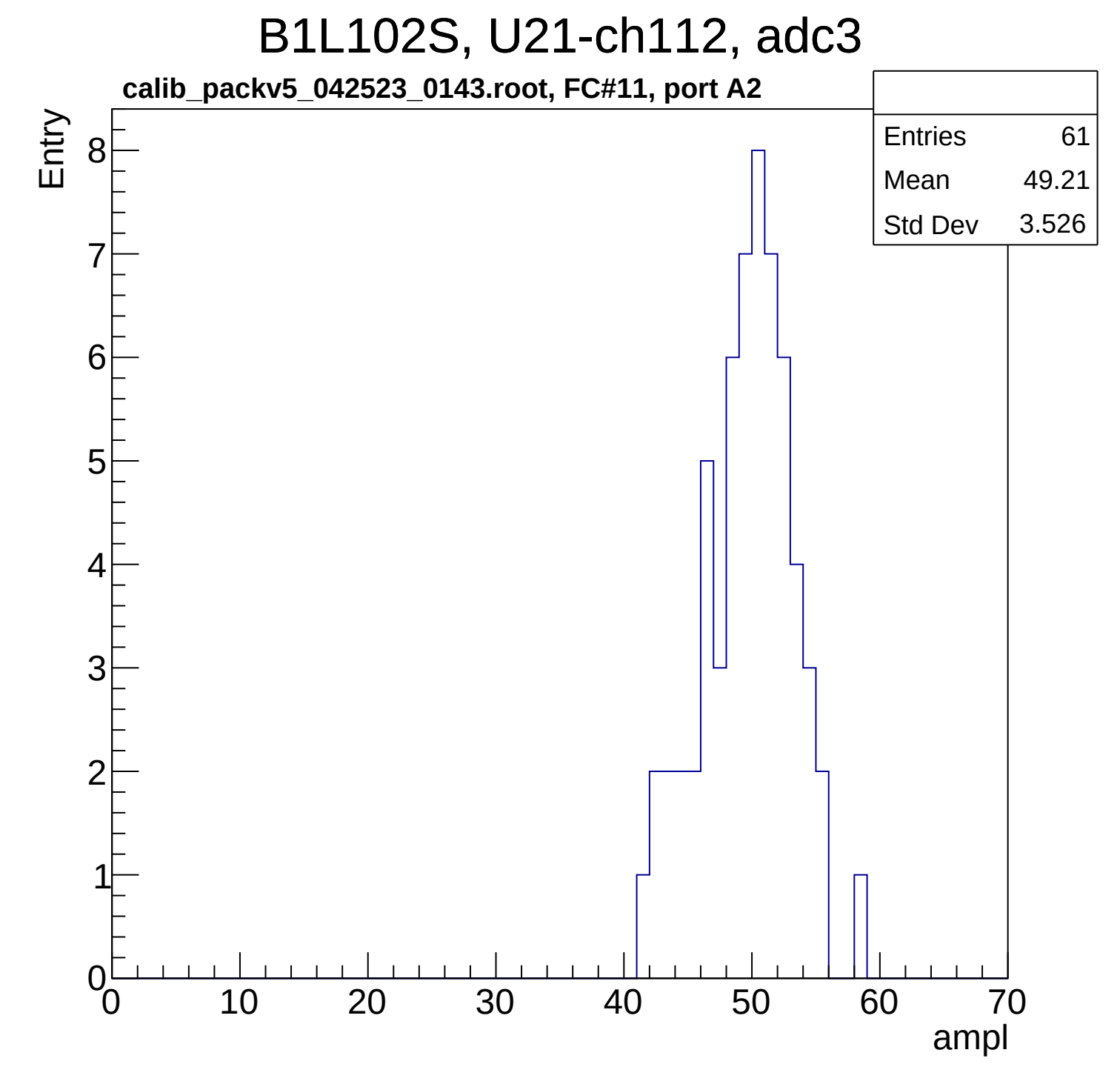
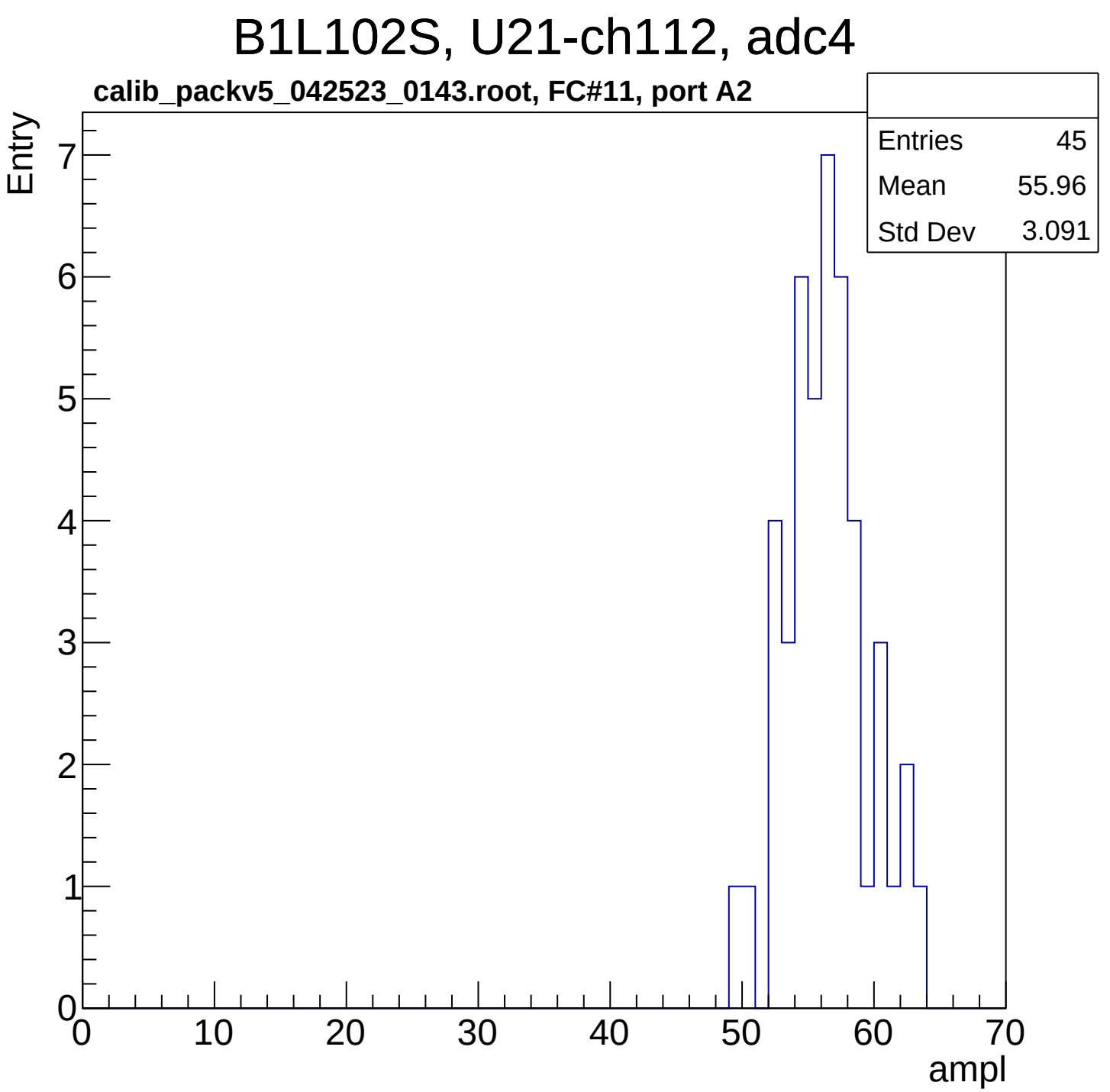
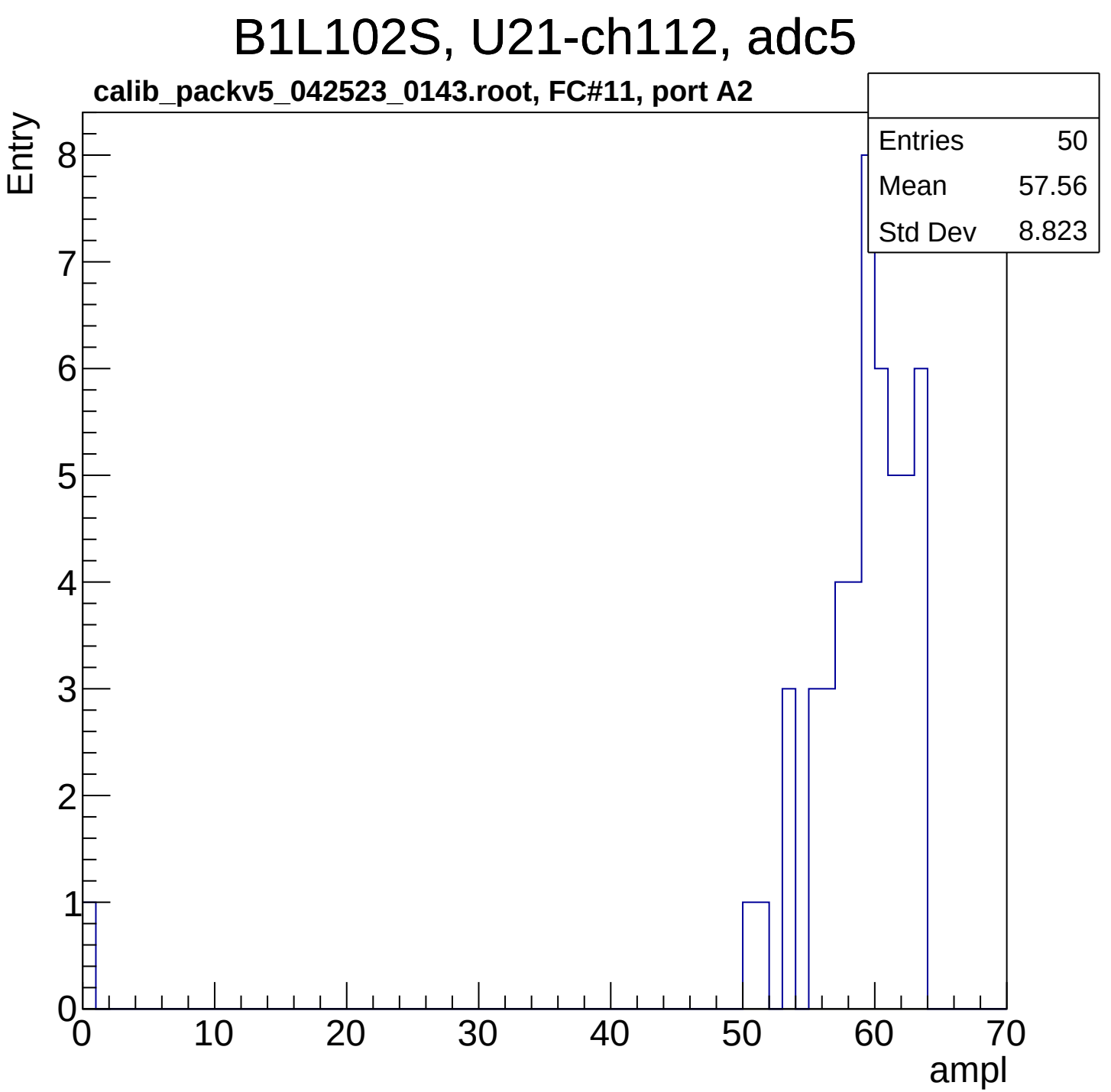
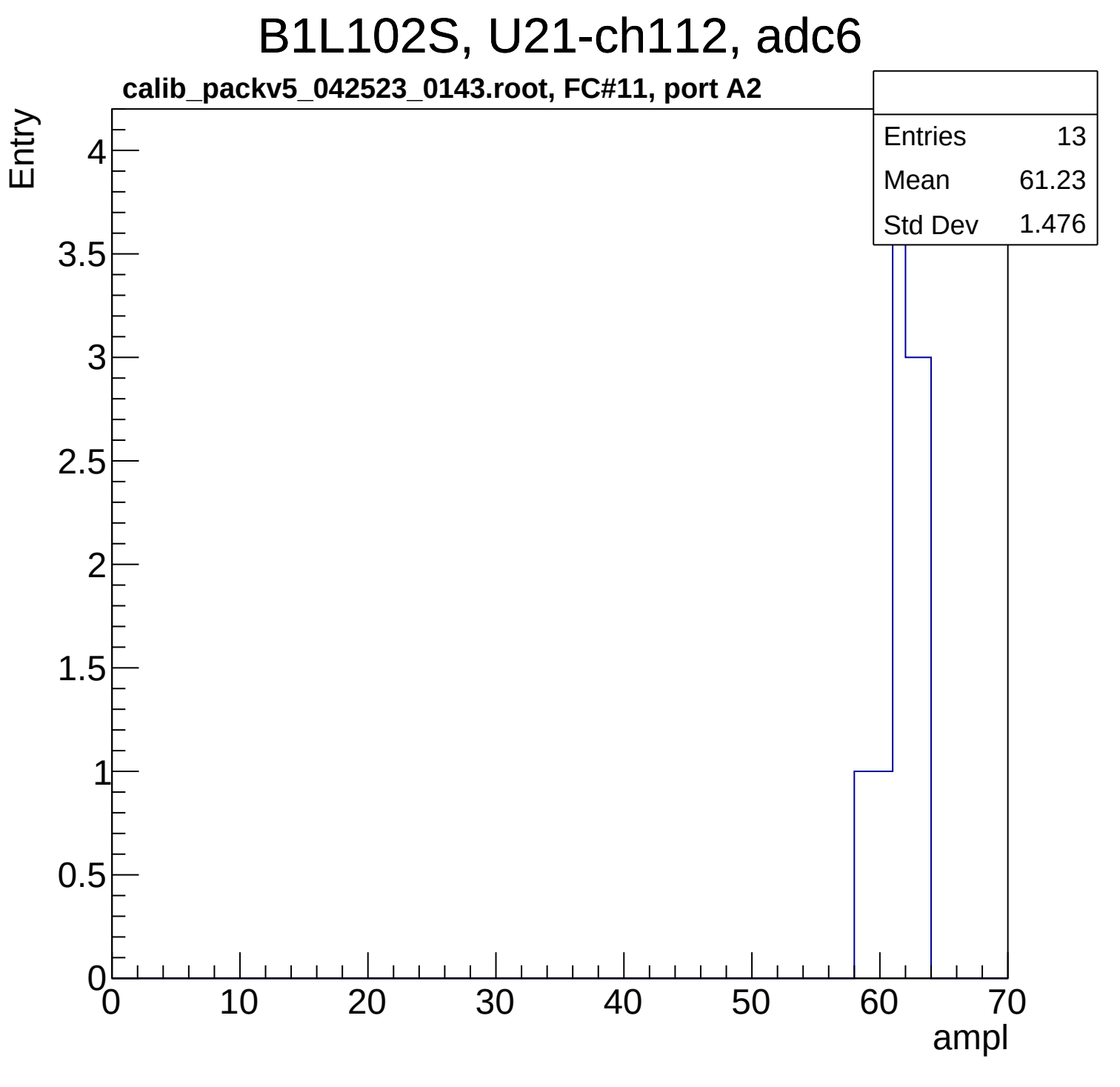
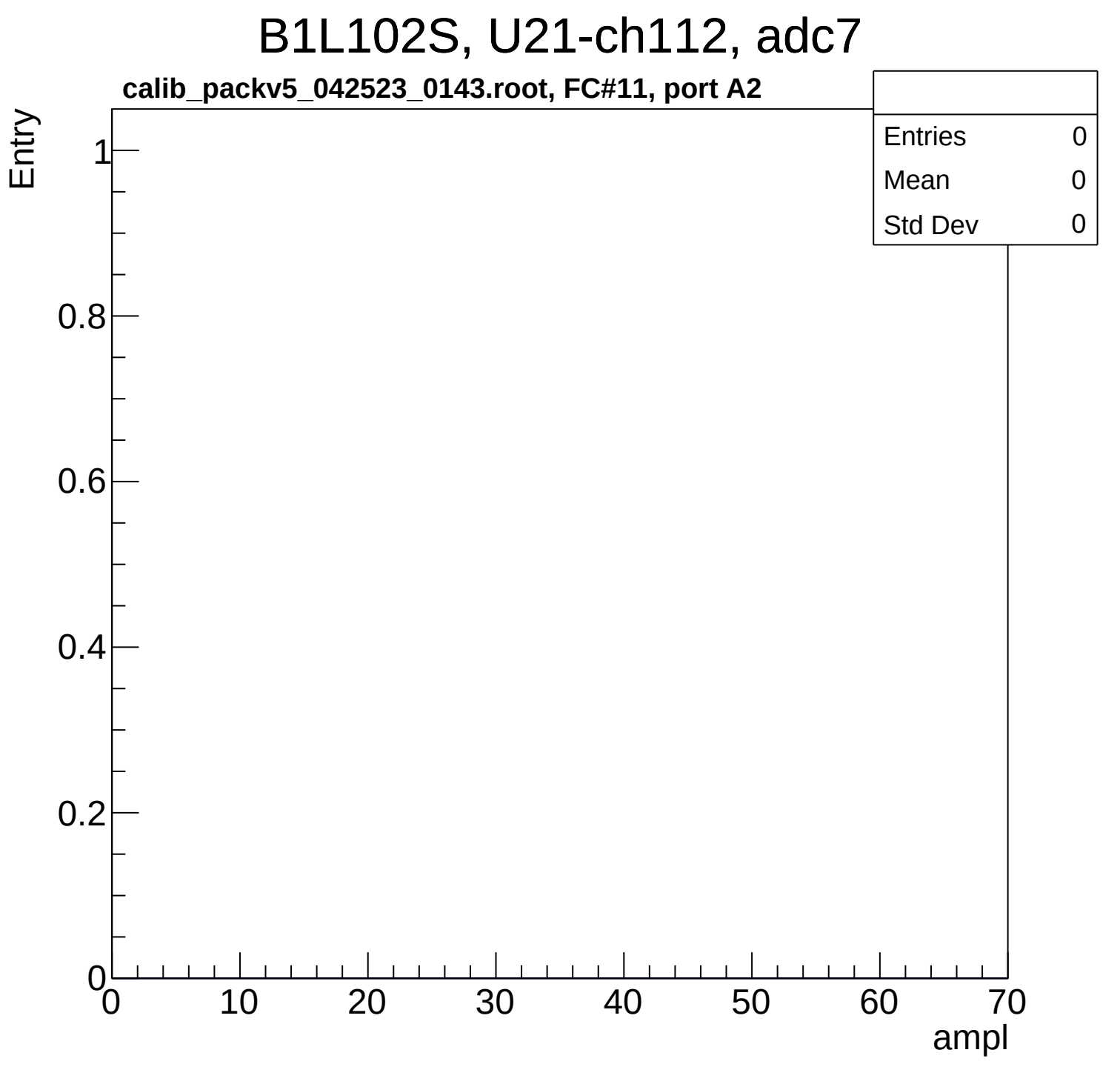
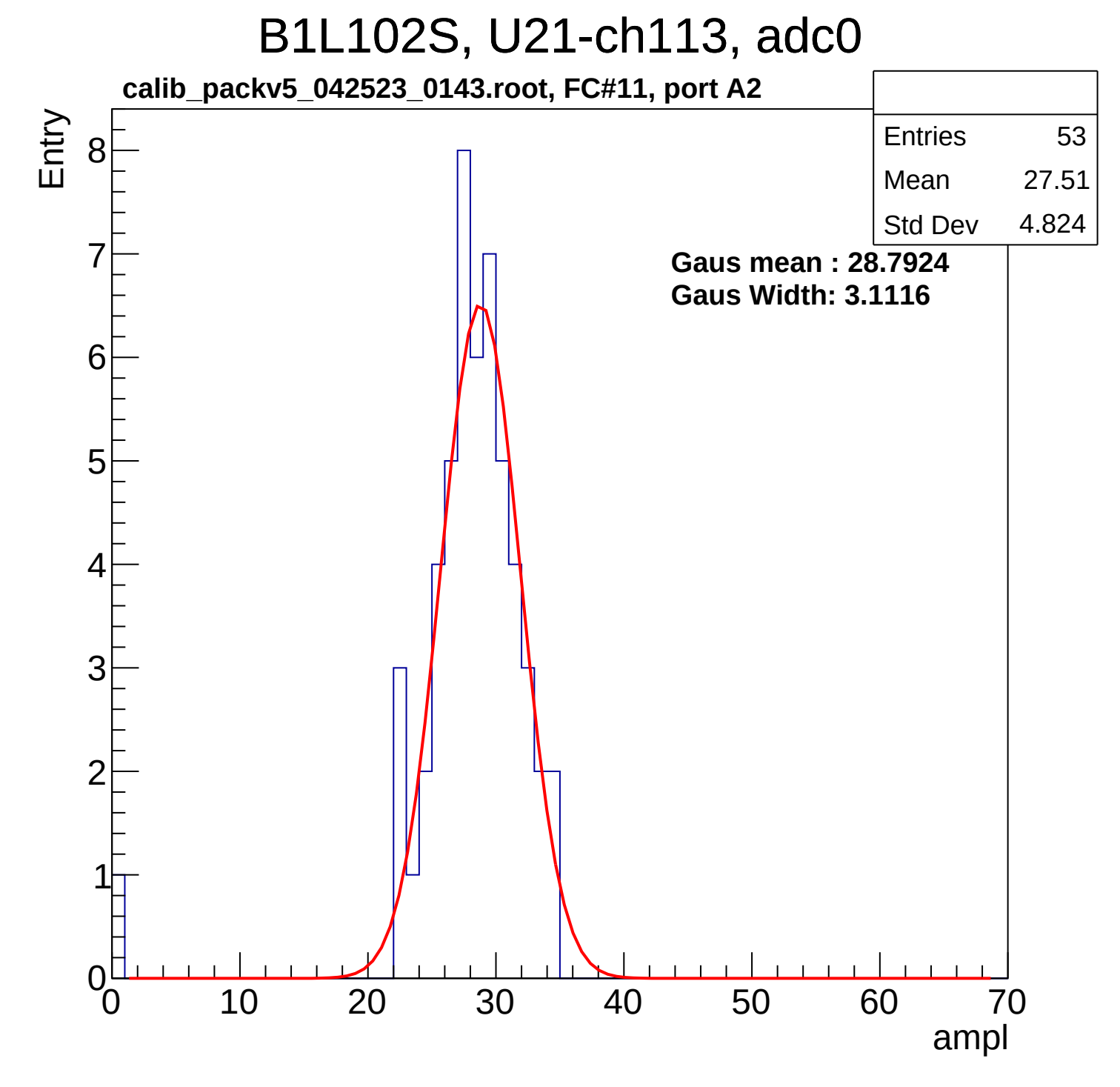

B1L102S, U21-ch112, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 49.21
Std Dev 3.526
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

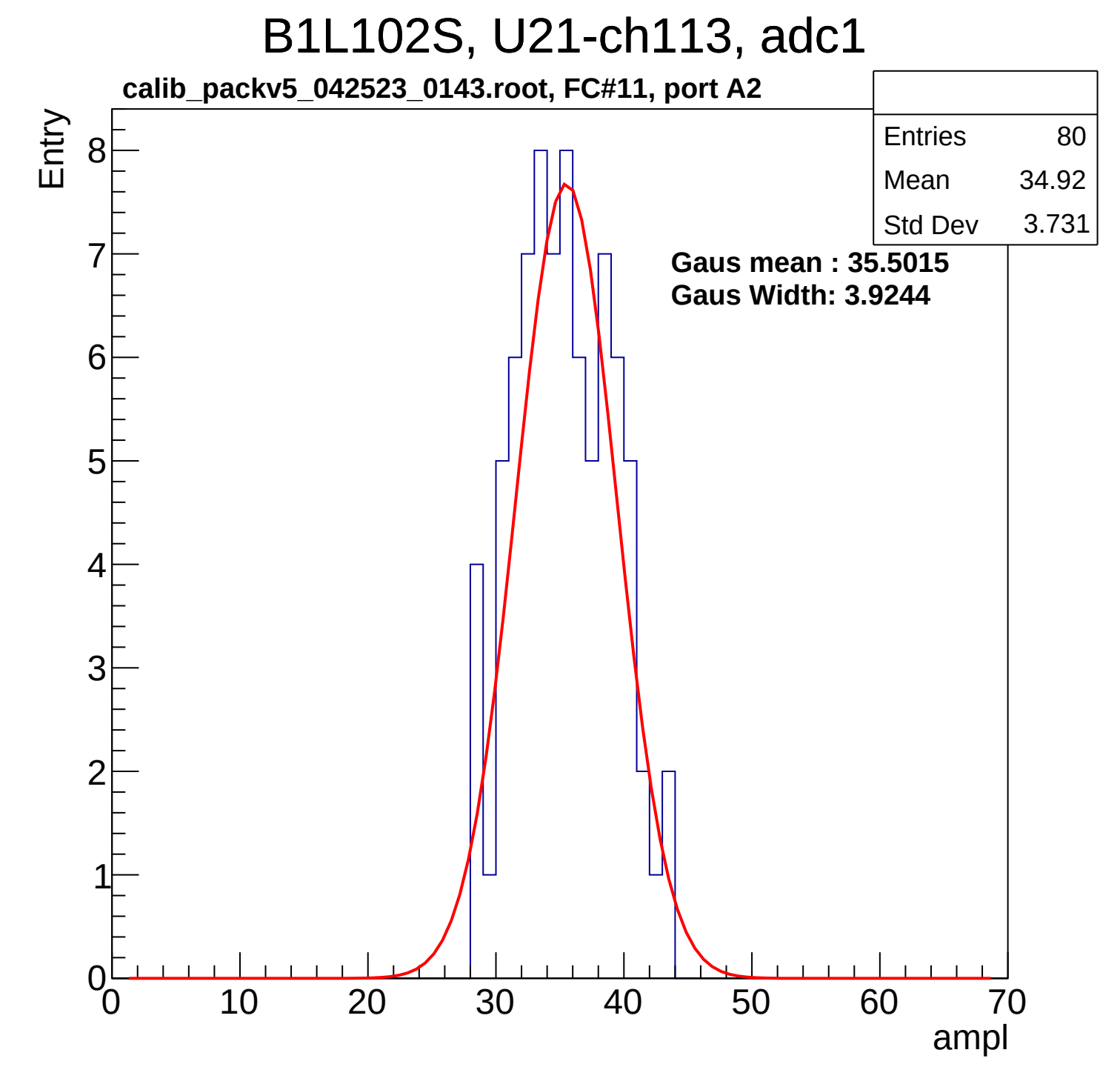

B1L102S, U21-ch112, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 45
Mean 55.96
Std Dev 3.091
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70

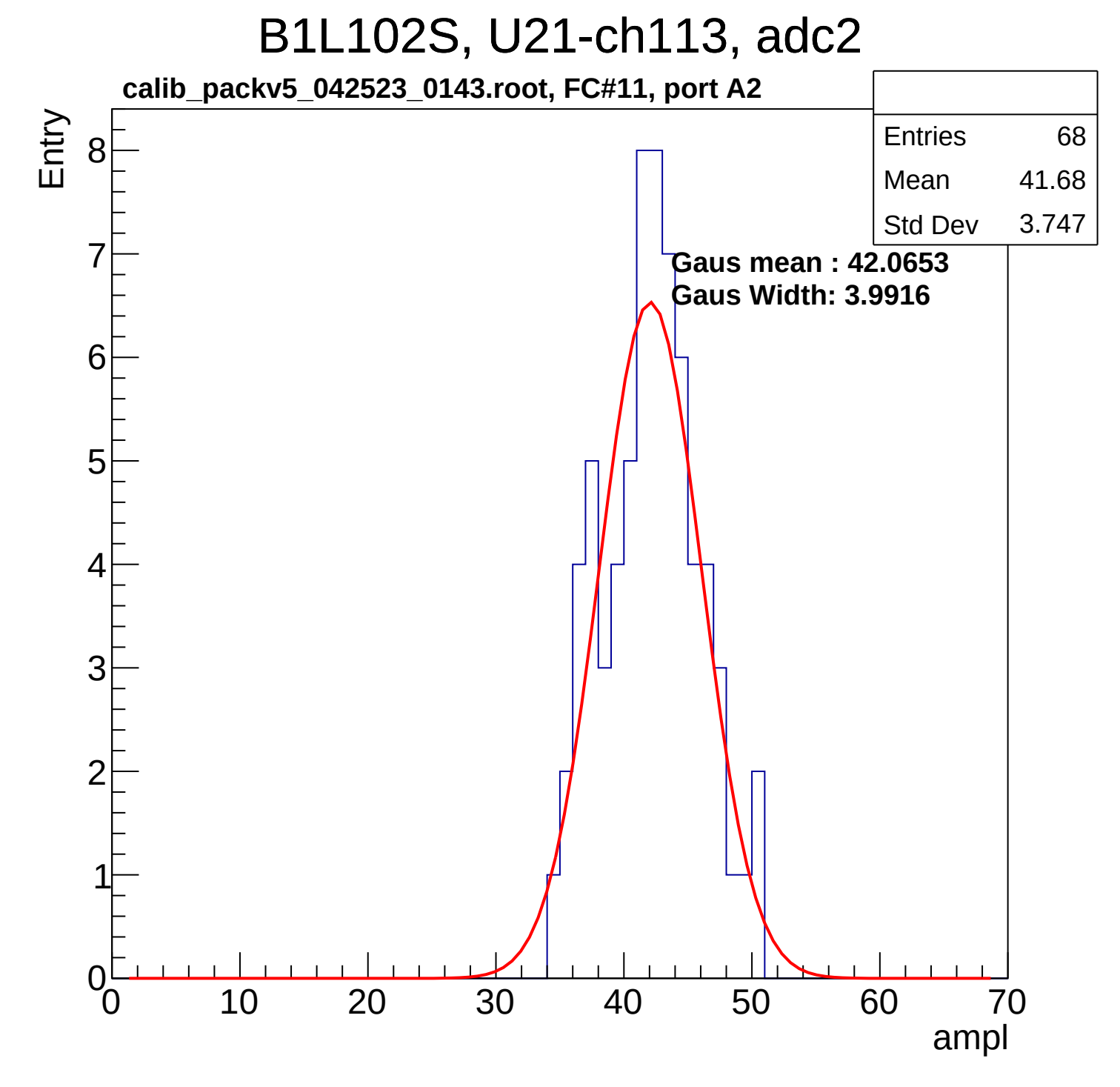

B1L102S, U21-ch112, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 50
Mean 57.56
Std Dev 8.823
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

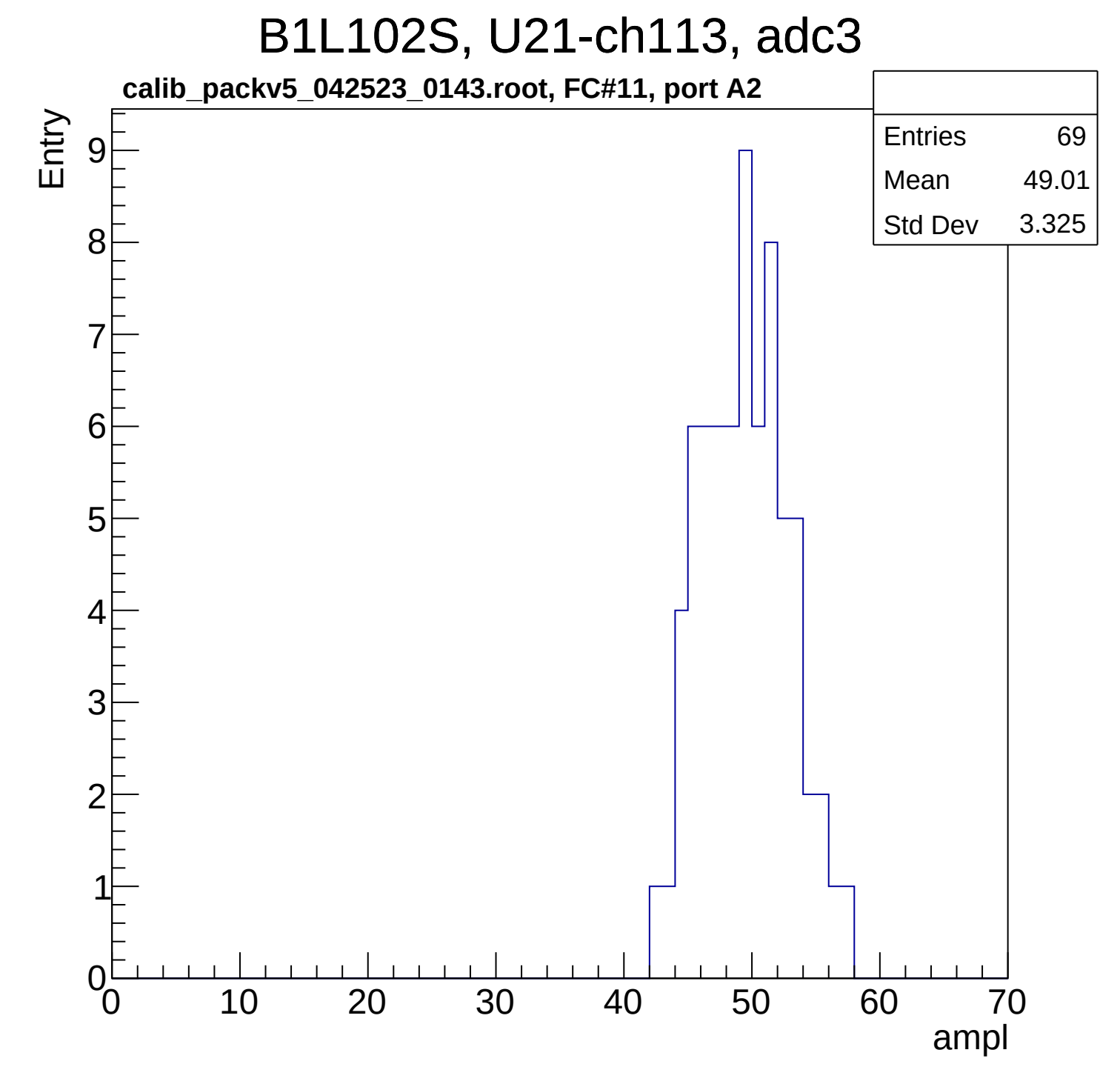

B1L102S, U21-ch112, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 13
Mean 61.23
Std Dev 1.476
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70

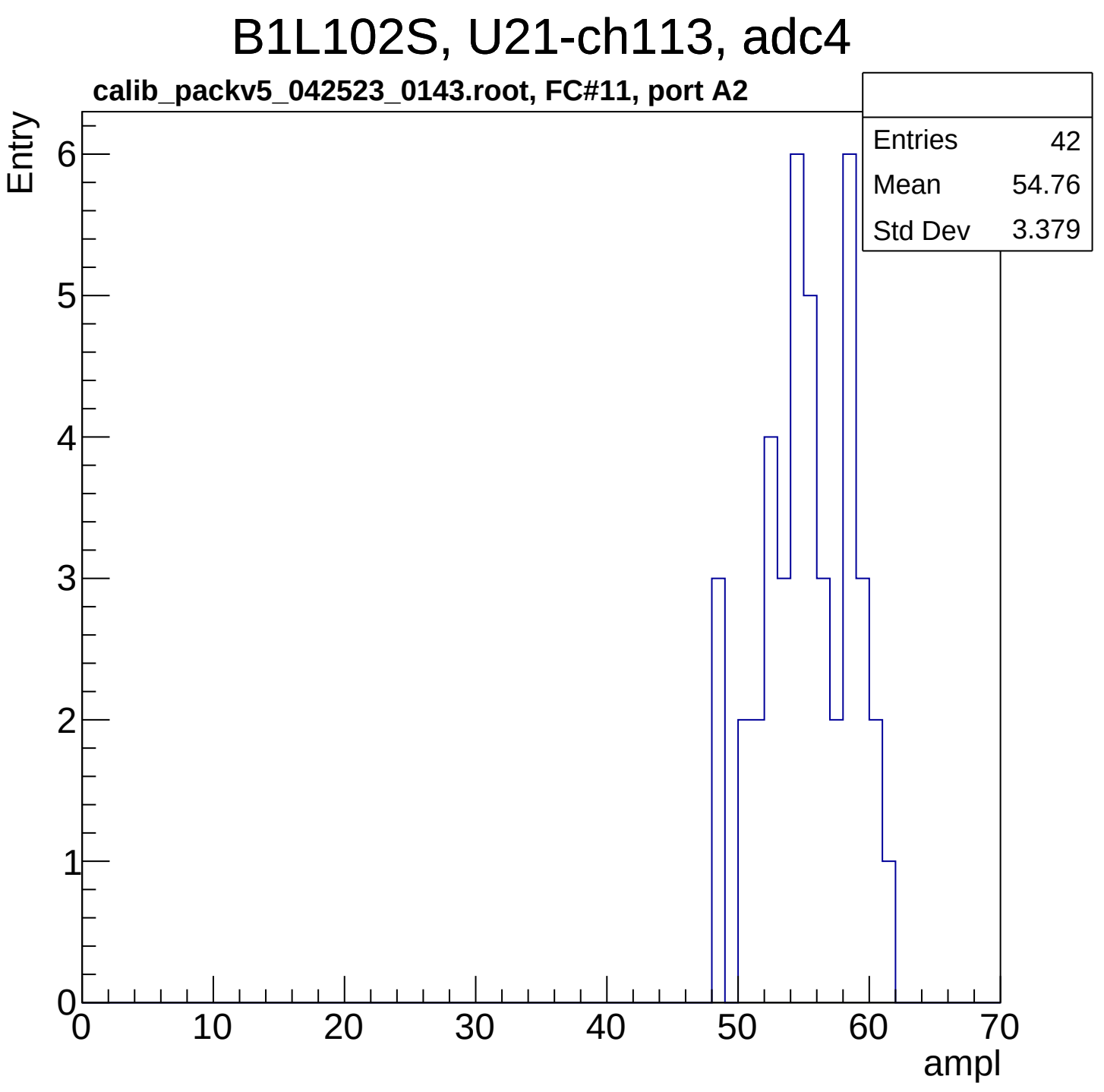

B1L102S, U21-ch112, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

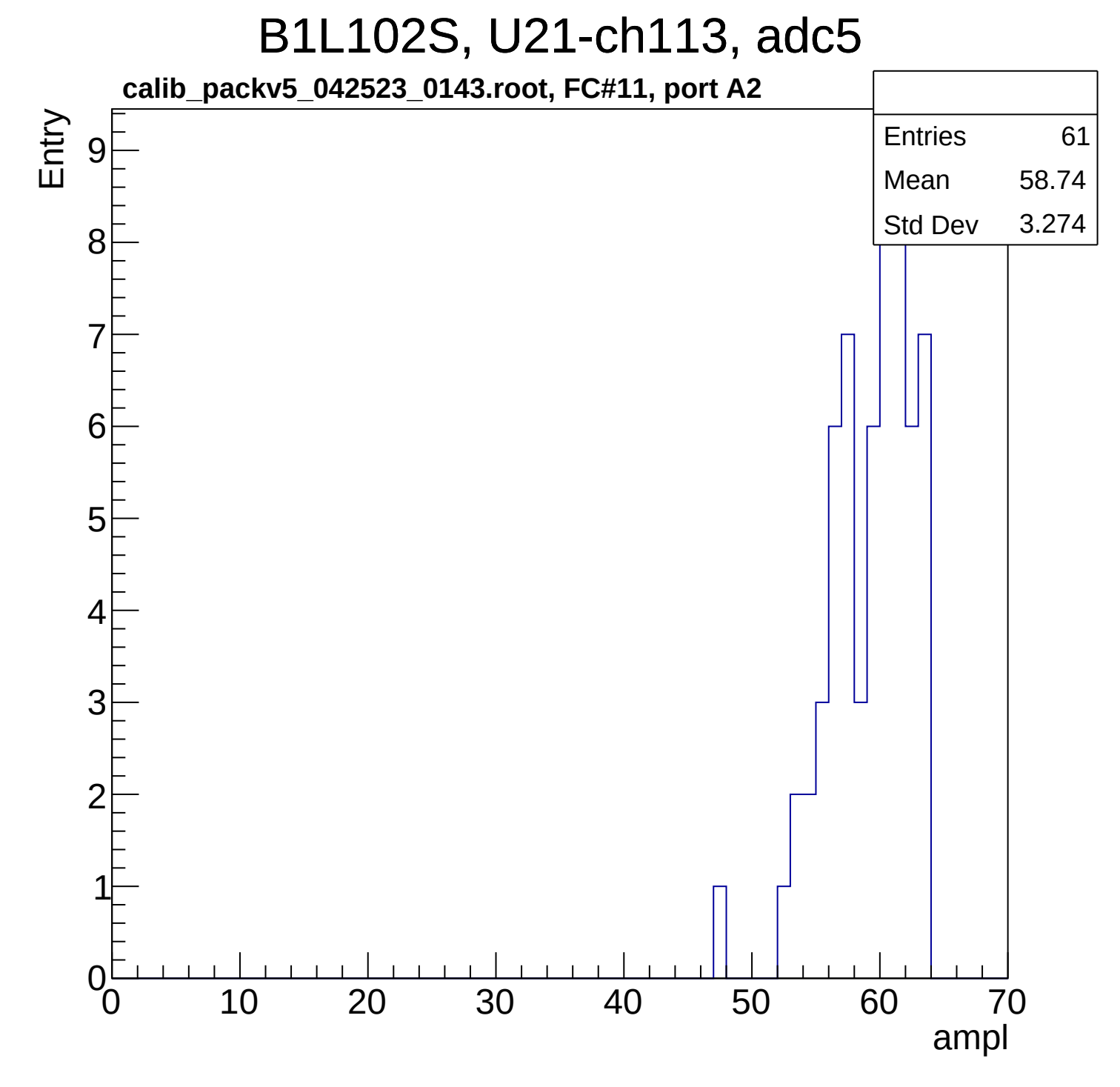

B1L102S, U21-ch113, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 53
Mean 27.51
Std Dev 4.824
Gaus mean : 28.7924
Gaus Width: 3.1116
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch113, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 80
Mean 34.92
Std Dev 3.731
Gaus mean : 35.5015
Gaus Width: 3.9244
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch113, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 41.68
Std Dev 3.747
Gaus mean : 42.0653
Gaus Width: 3.9916
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch113, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 49.01
Std Dev 3.325
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch113, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 42
Mean 54.76
Std Dev 3.379
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch113, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 58.74
Std Dev 3.274
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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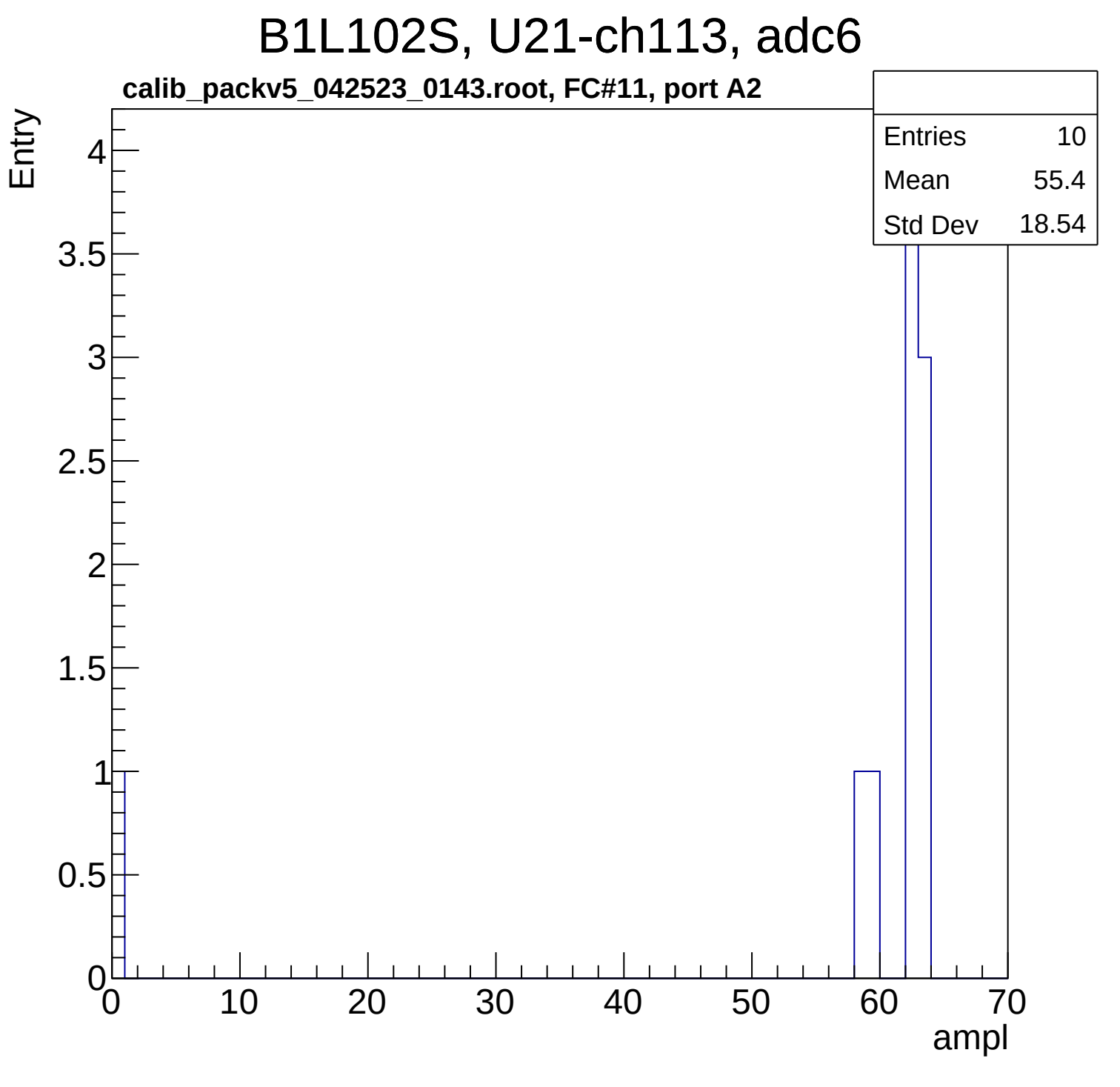
60
70


B1L102S, U21-ch113, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 10
Mean 55.4
Std Dev 18.54
Entry
ampl
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0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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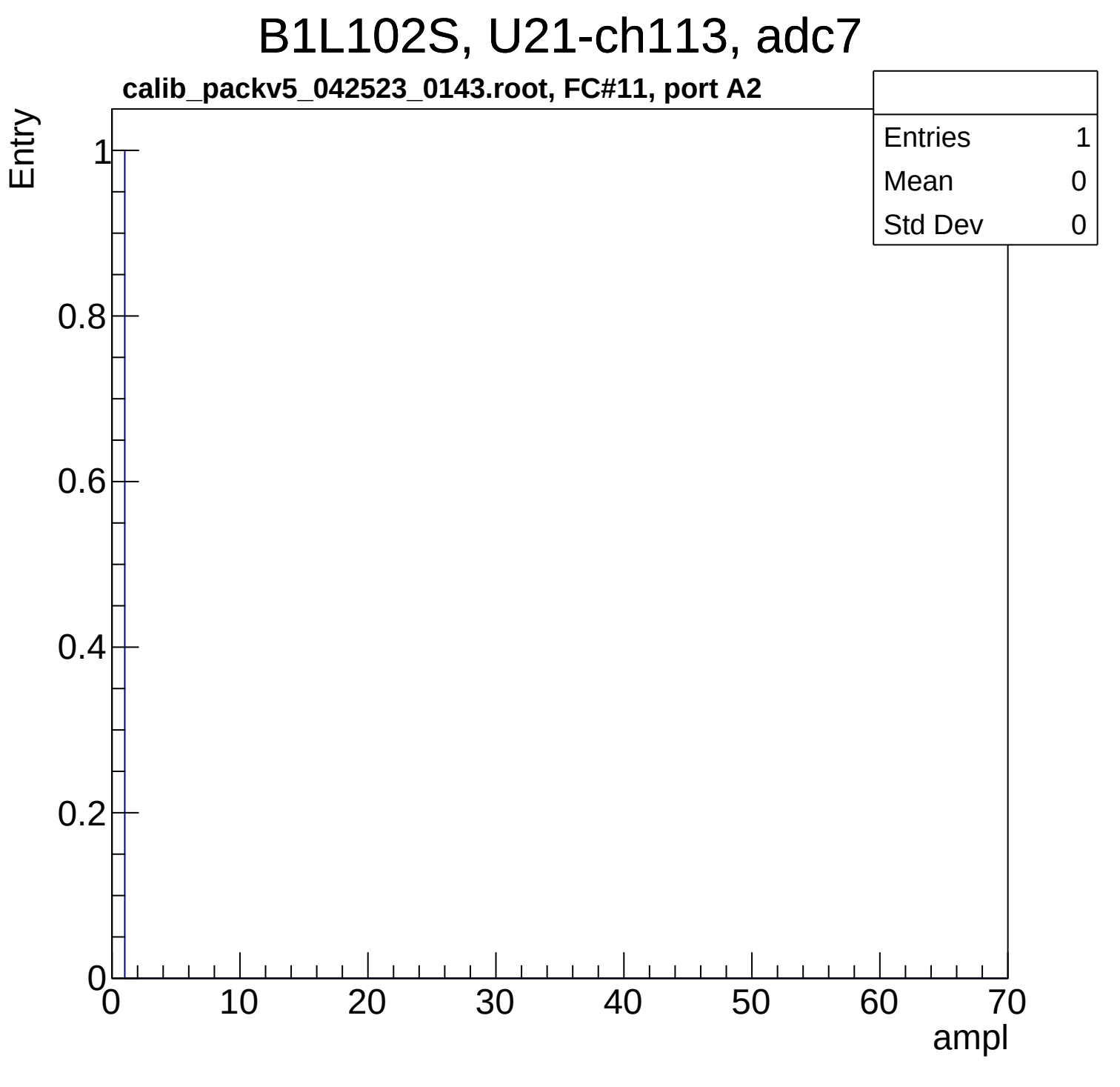
B1L102S, U21-ch113, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 0
Std Dev 0
Entry
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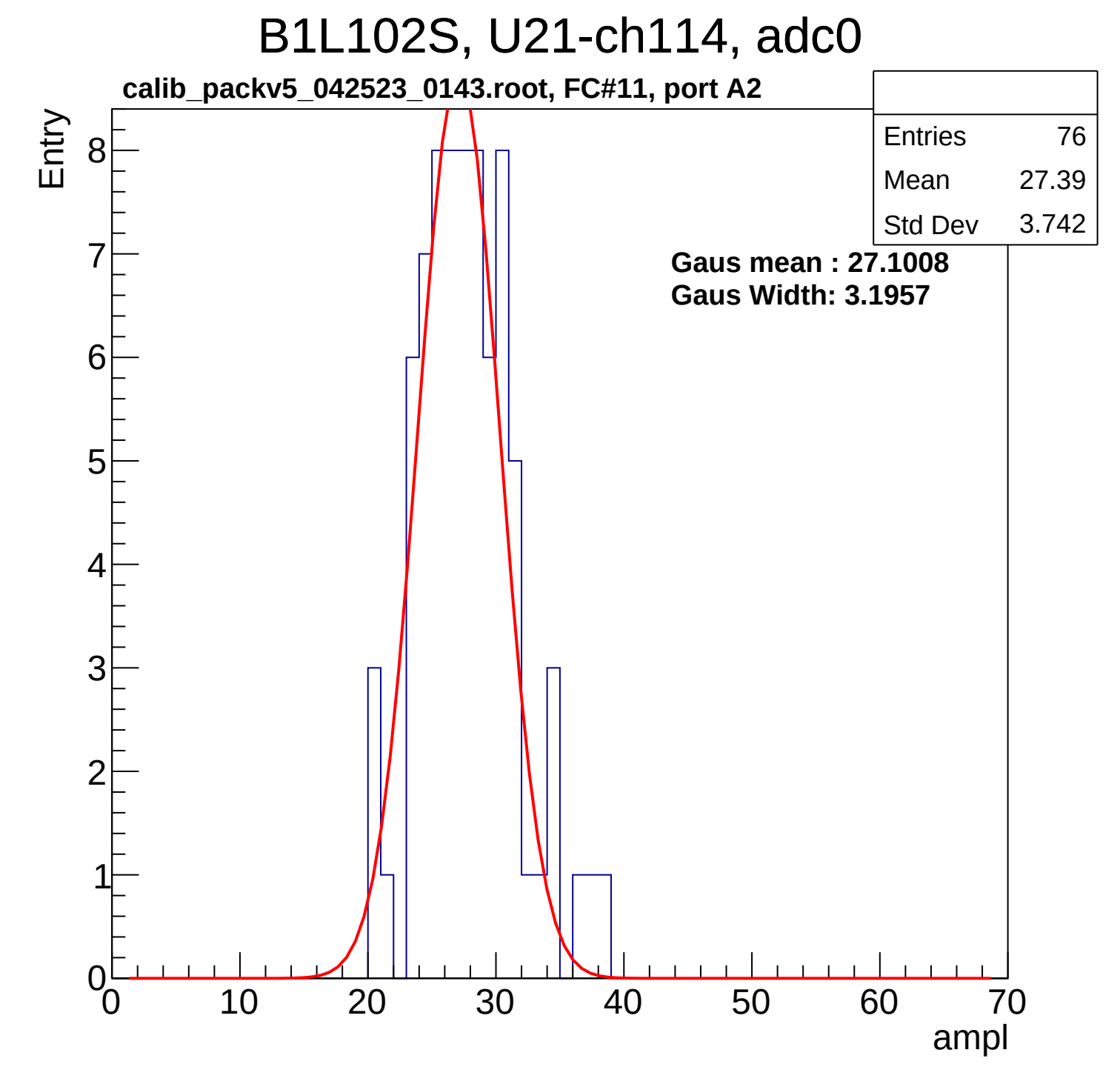
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch114, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 76
Mean 27.39
Std Dev 3.742
Gaus mean : 27.1008
Gaus Width: 3.1957
Entry
ampl
0
1
2
3
4
5
6
7
8
0
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20
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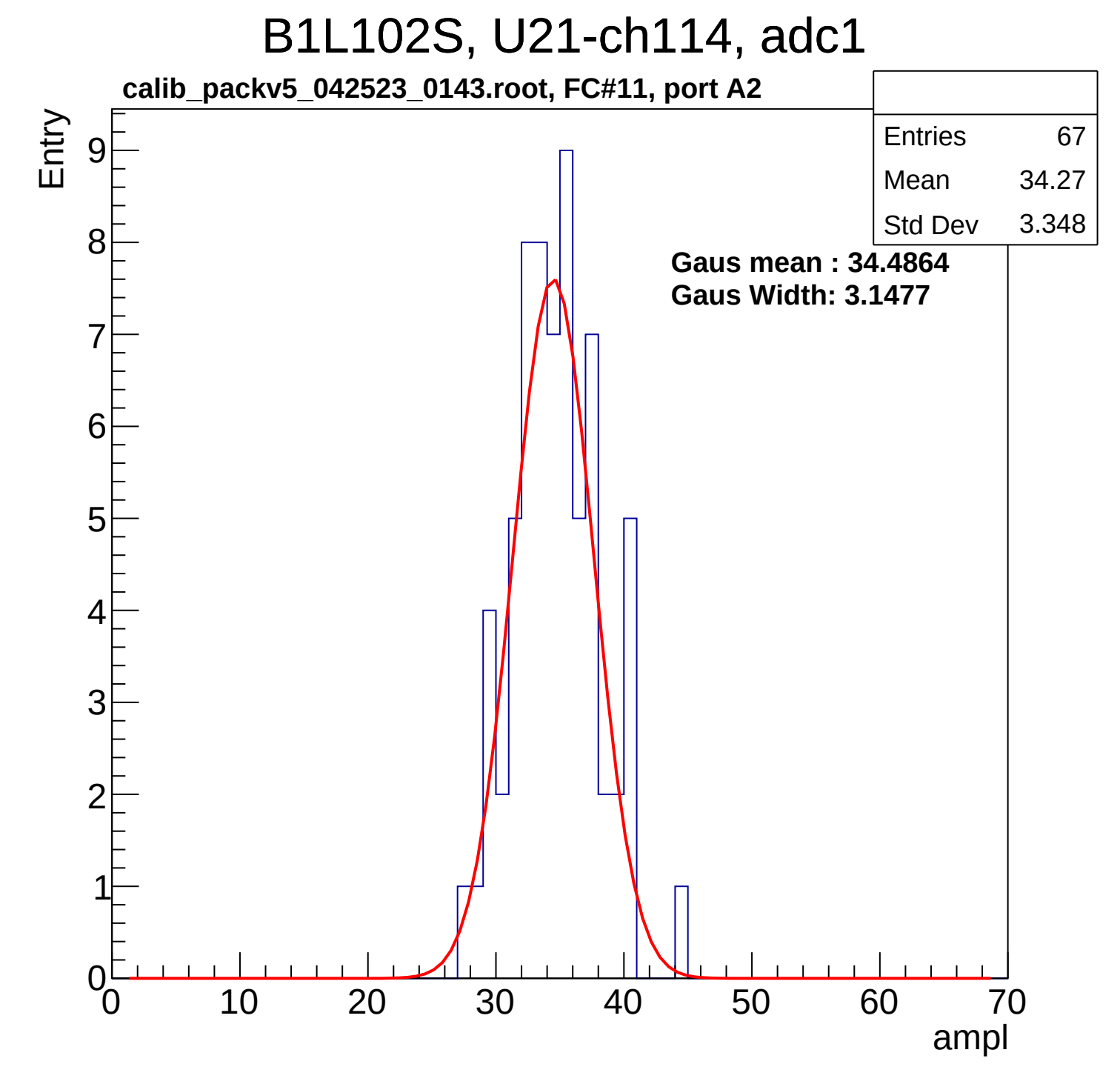
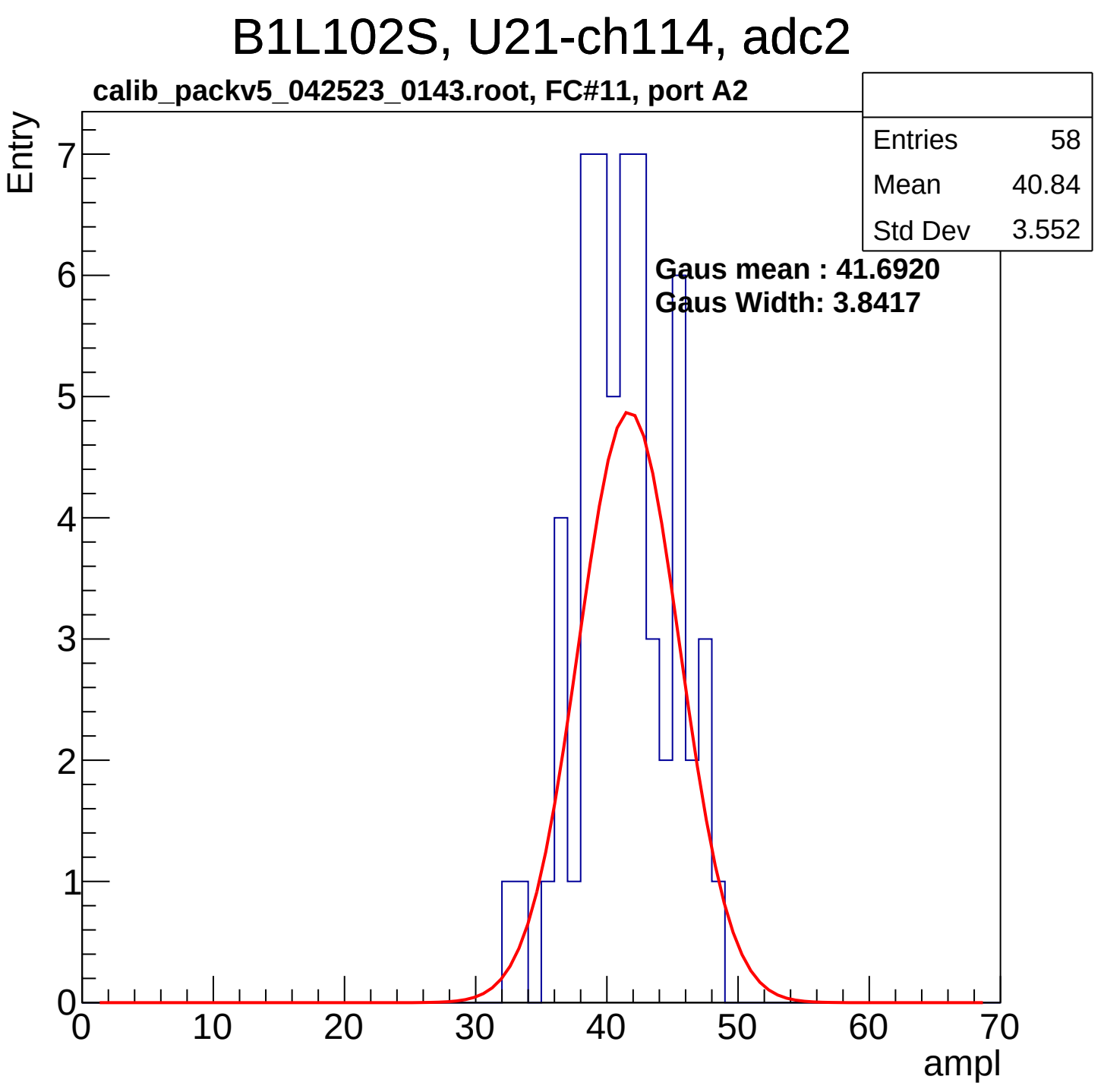
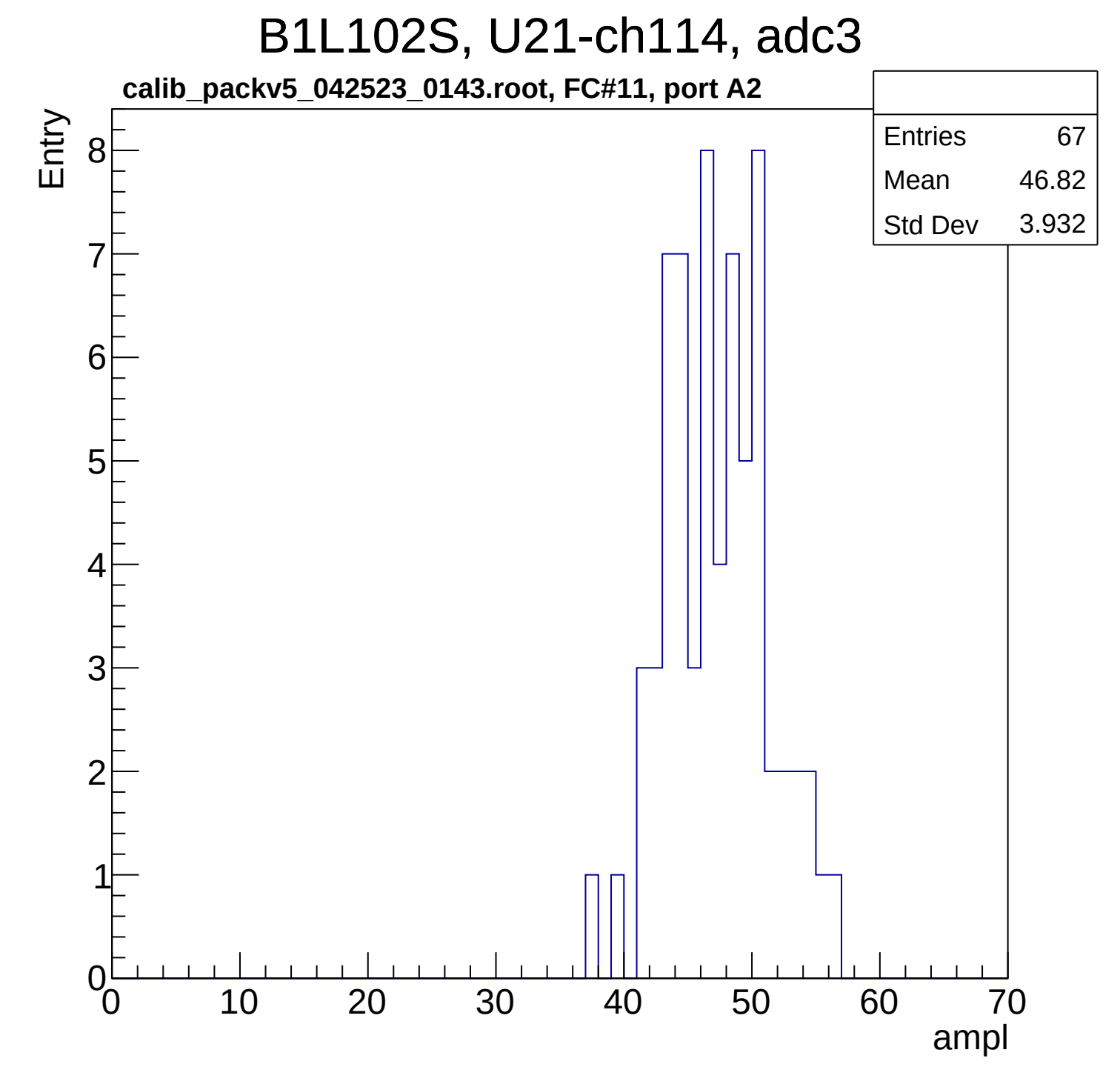
40
50
60
70


B1L102S, U21-ch114, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 34.27
Std Dev 3.348
Gaus mean : 34.4864
Gaus Width: 3.1477
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch114, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 40.84
Std Dev 3.552
Gaus mean : 41.6920
Gaus Width: 3.8417
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch114, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 46.82
Std Dev 3.932
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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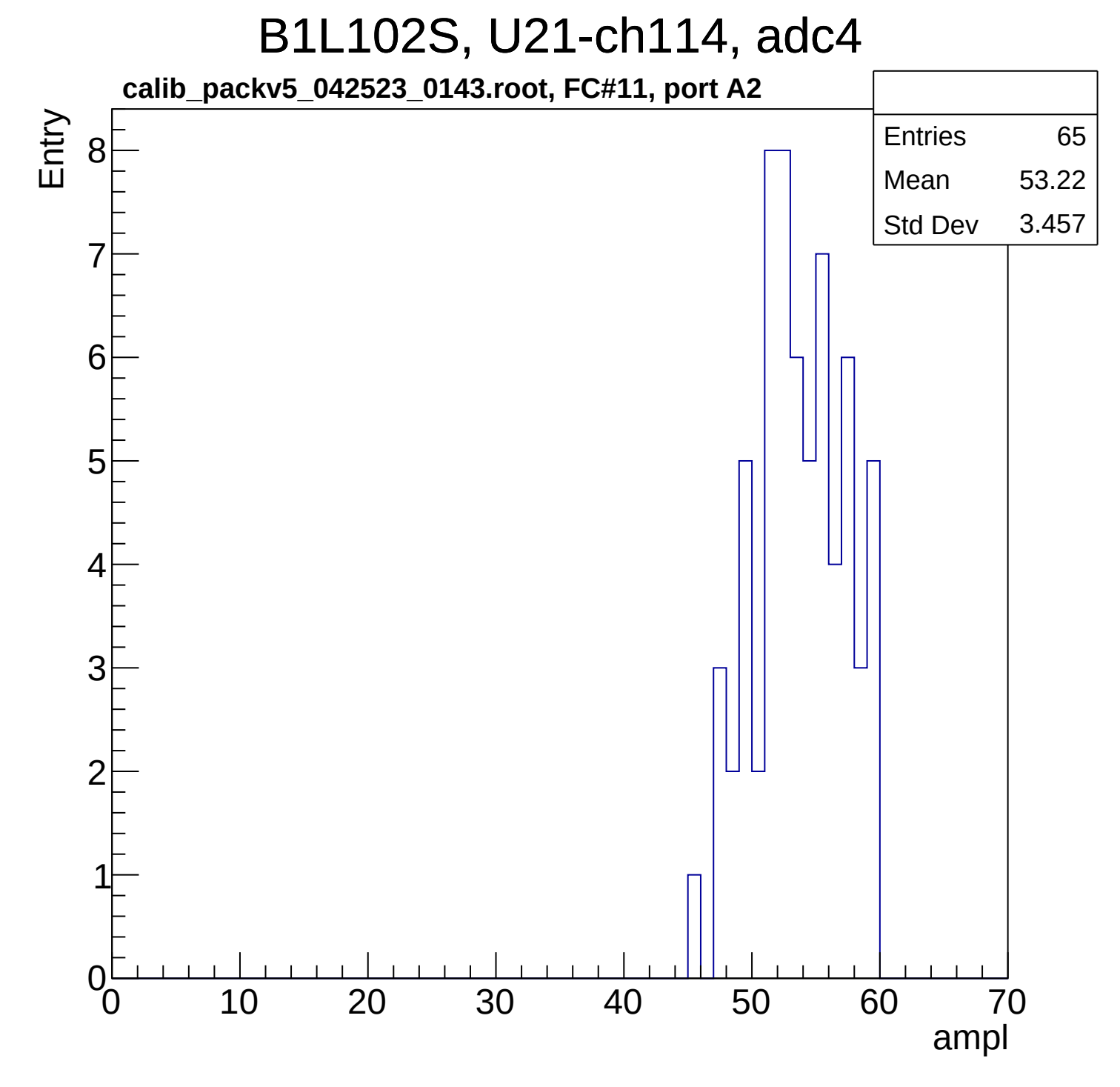
B1L102S, U21-ch114, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 53.22
Std Dev 3.457
Entry
ampl
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2
3
4
5
6
7
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0
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20
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40
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60
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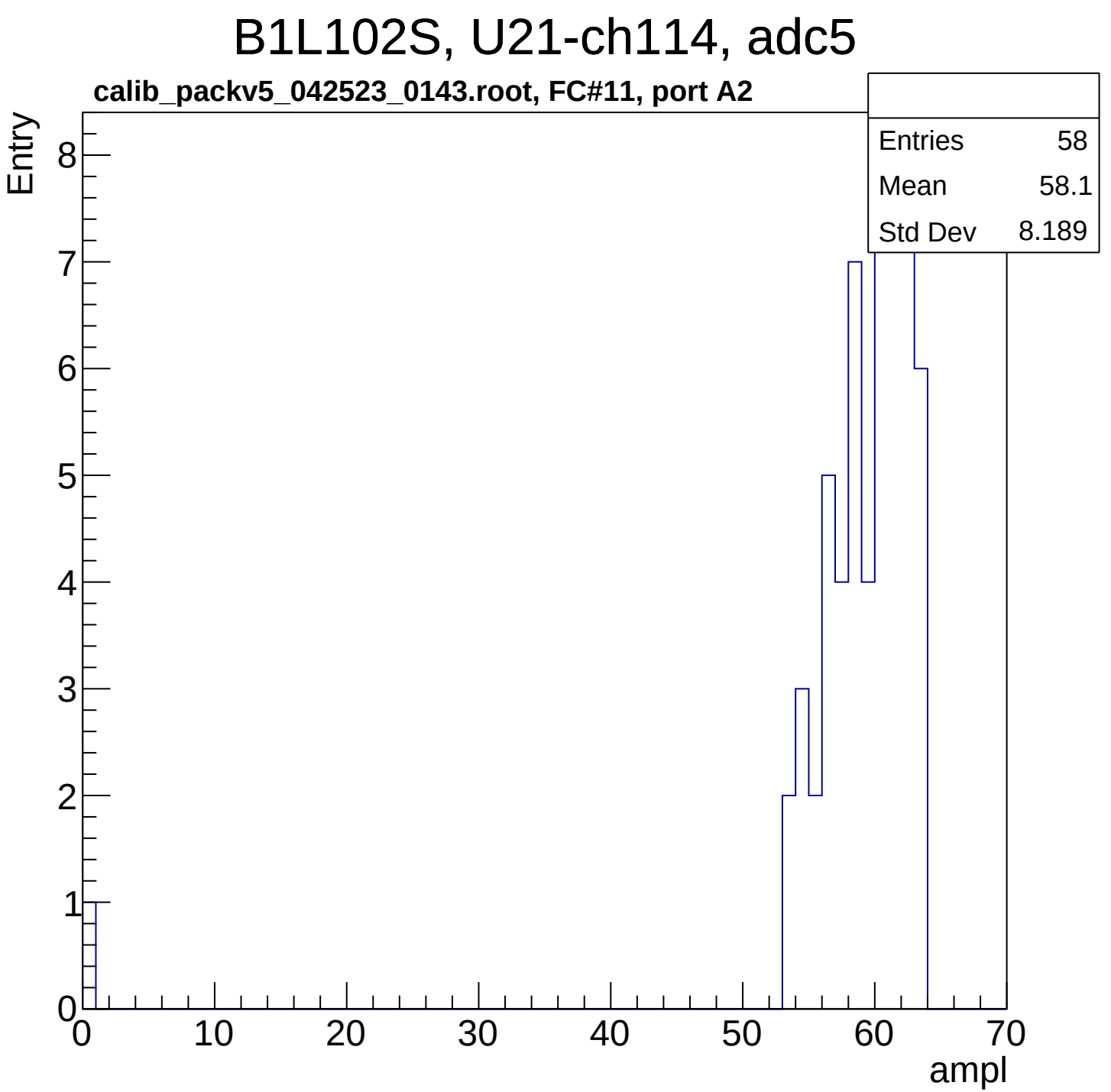
B1L102S, U21-ch114, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 58.1
Std Dev 8.189
Entry
ampl
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2
3
4
5
6
7
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0
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20
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60
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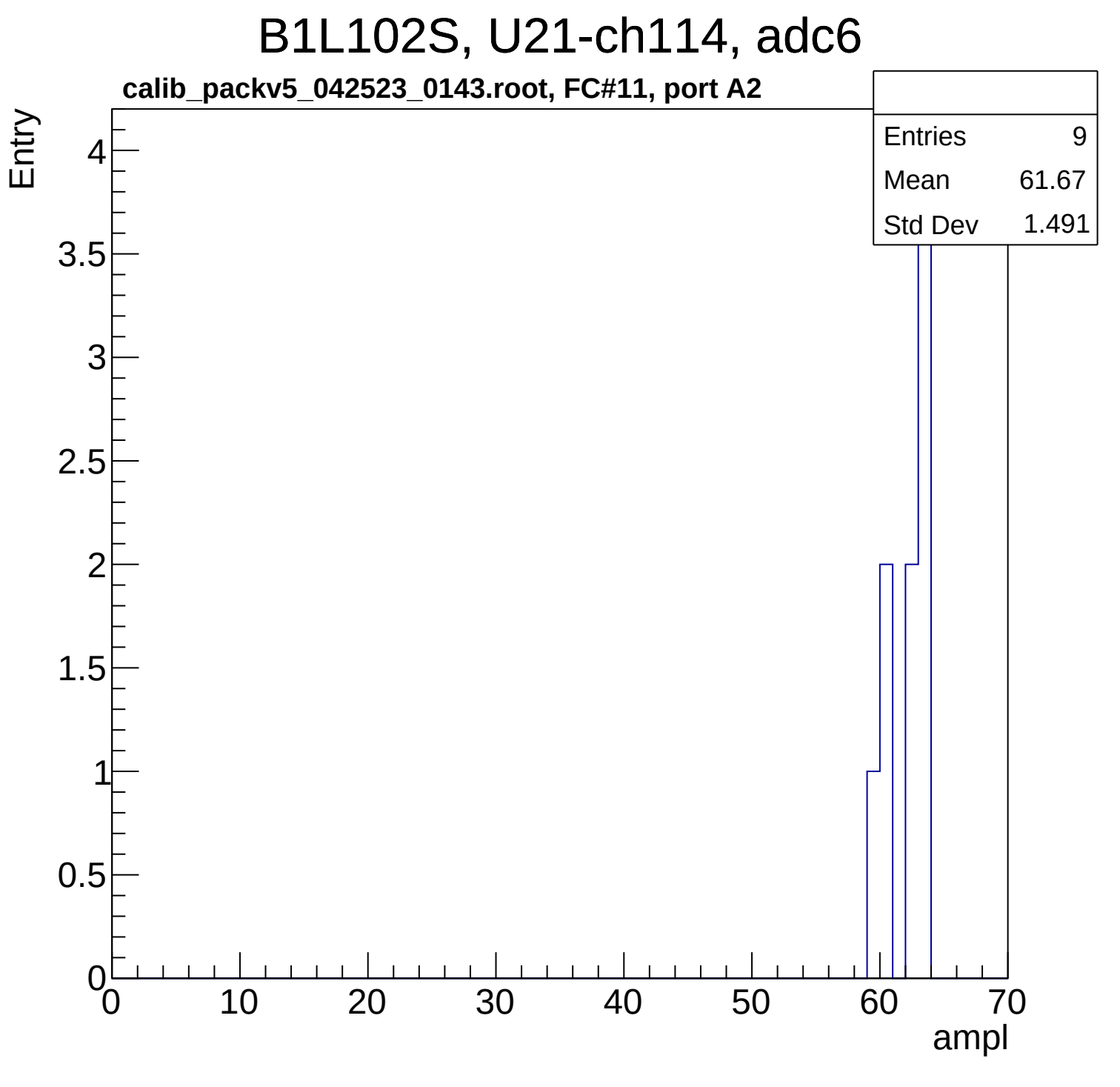
B1L102S, U21-ch114, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 9
Mean 61.67
Std Dev 1.491
Entry
ampl
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1.5
2
2.5
3
3.5
4
0
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60
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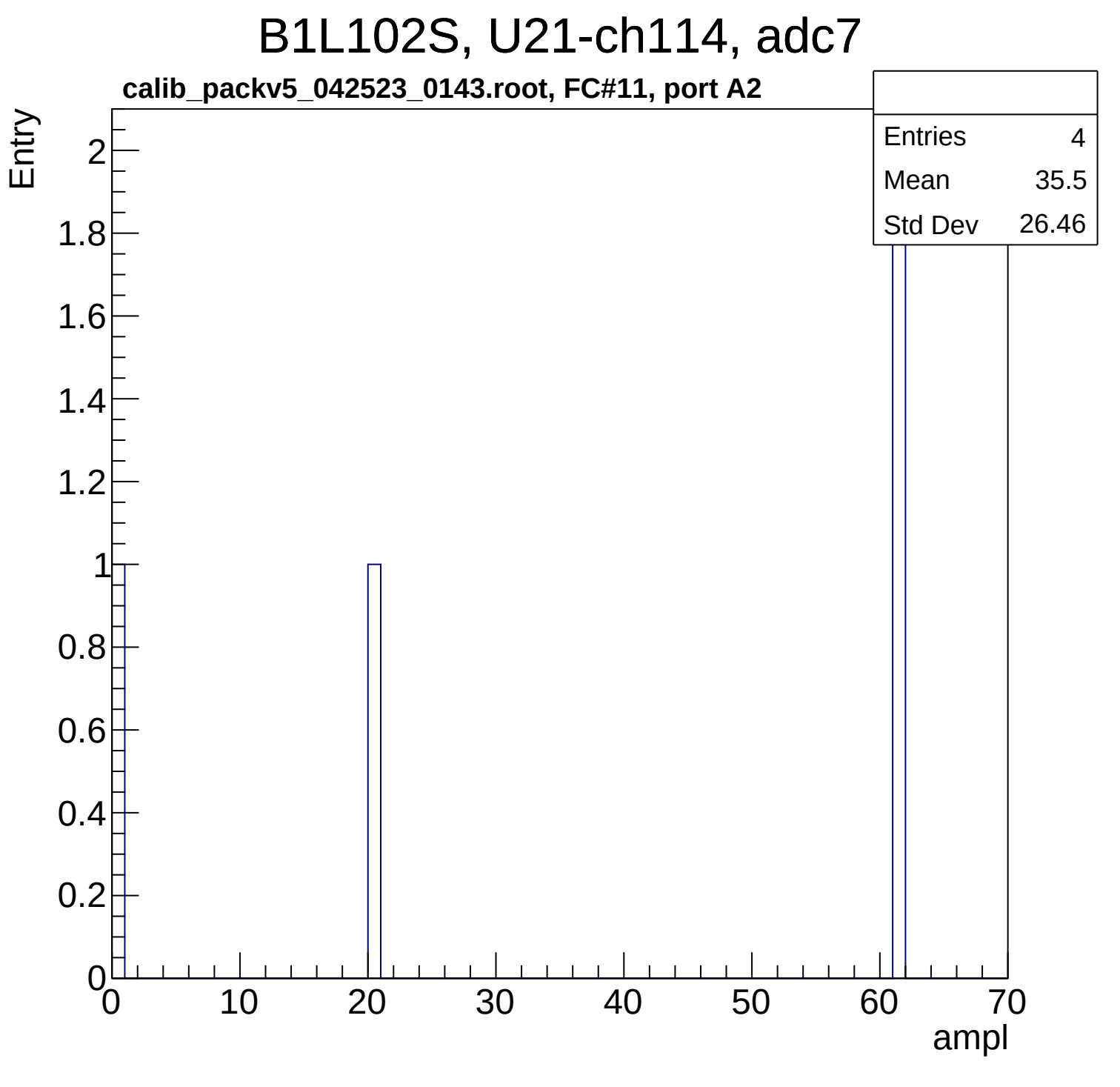
B1L102S, U21-ch114, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 4
Mean 35.5
Std Dev 26.46
Entry
ampl
0
0.2
0.4
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0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
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40
50
60
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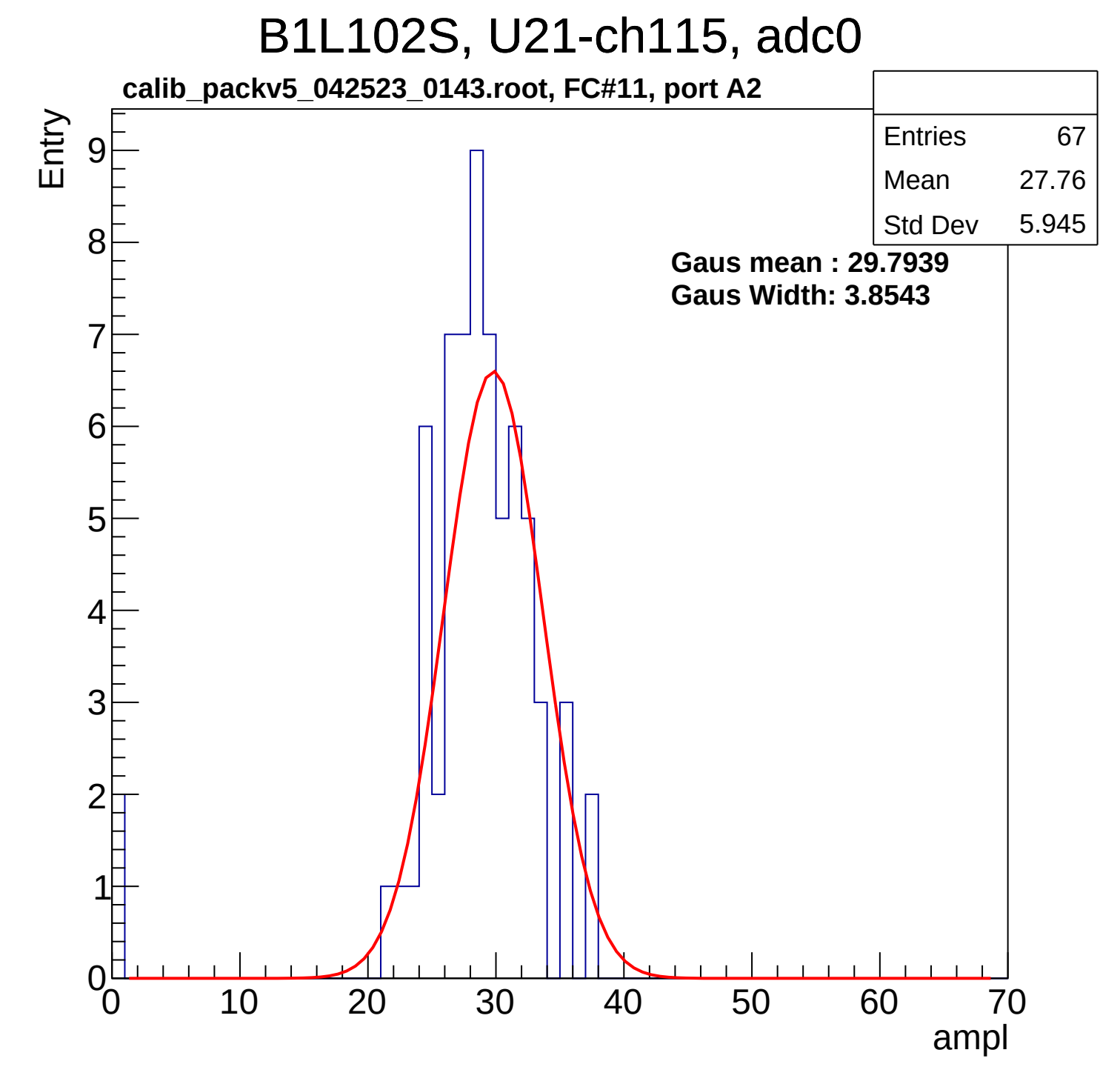
B1L102S, U21-ch115, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 27.76
Std Dev 5.945
Gaus mean : 29.7939
Gaus Width: 3.8543
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
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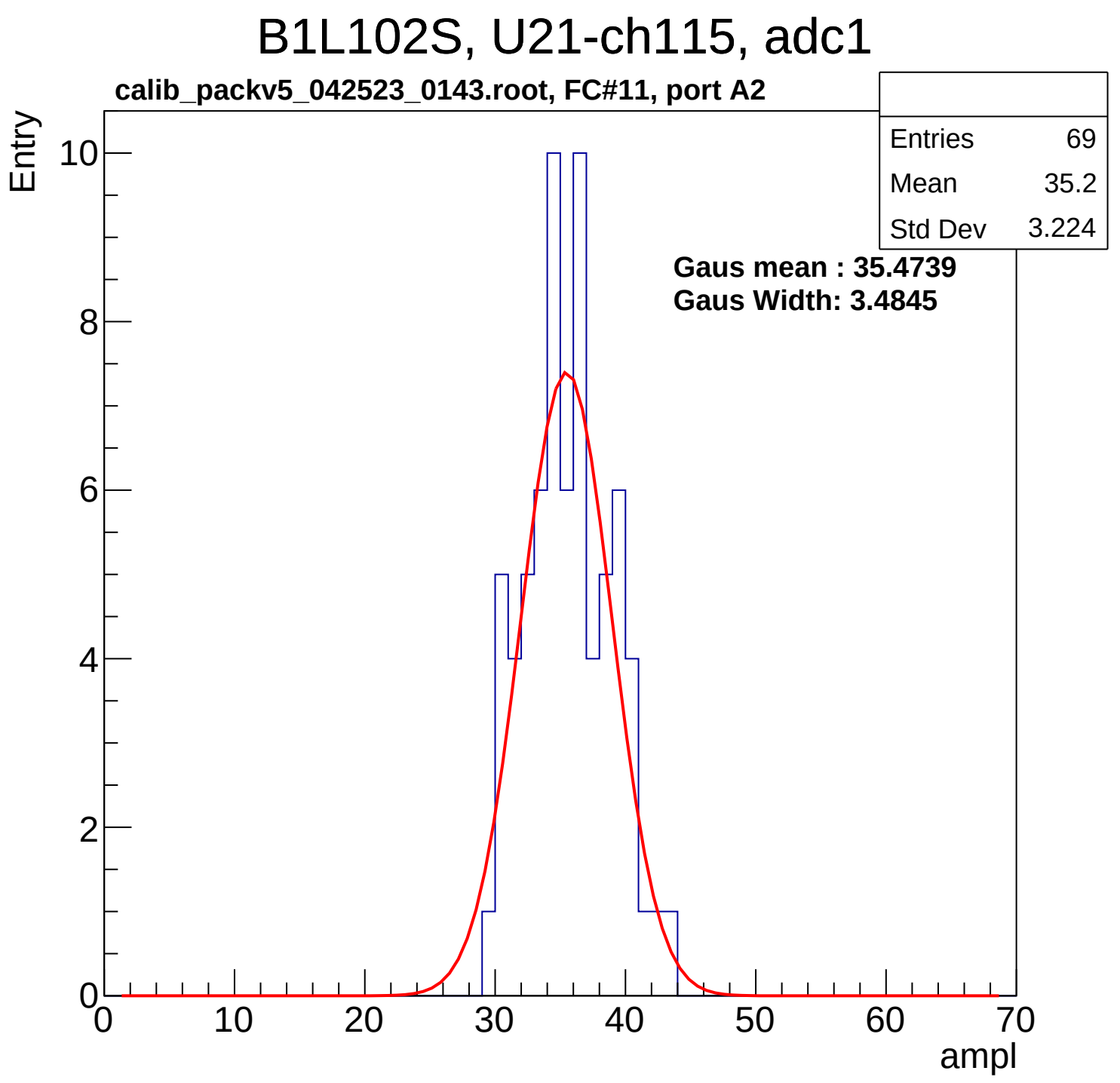
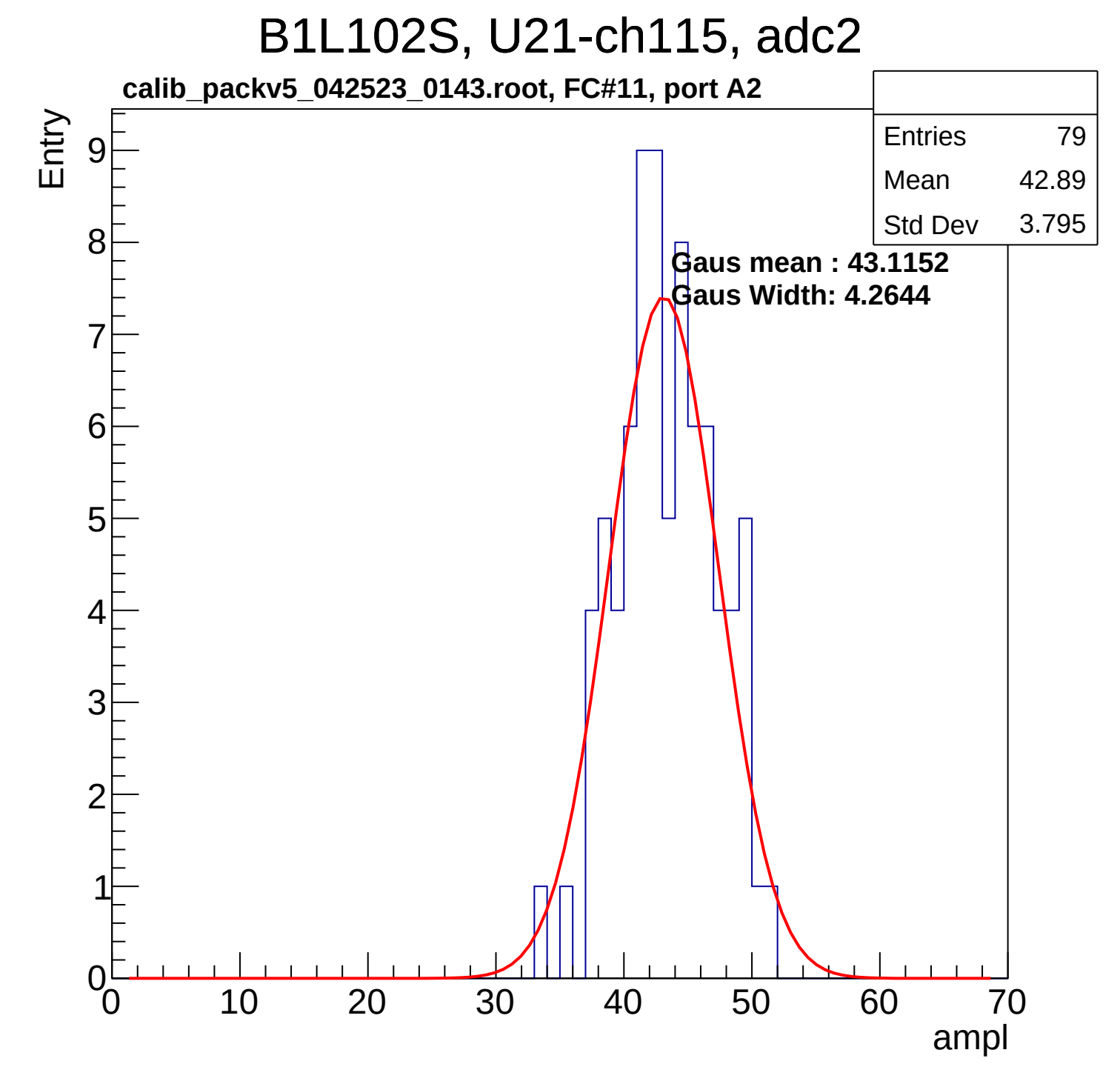

B1L102S, U21-ch115, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 35.2
Std Dev 3.224
Gaus mean : 35.4739
Gaus Width: 3.4845
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch115, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 79
Mean 42.89
Std Dev 3.795
Gaus mean : 43.1152
Gaus Width: 4.2644
Entry
ampl
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2
3
4
5
6
7
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0
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30
40
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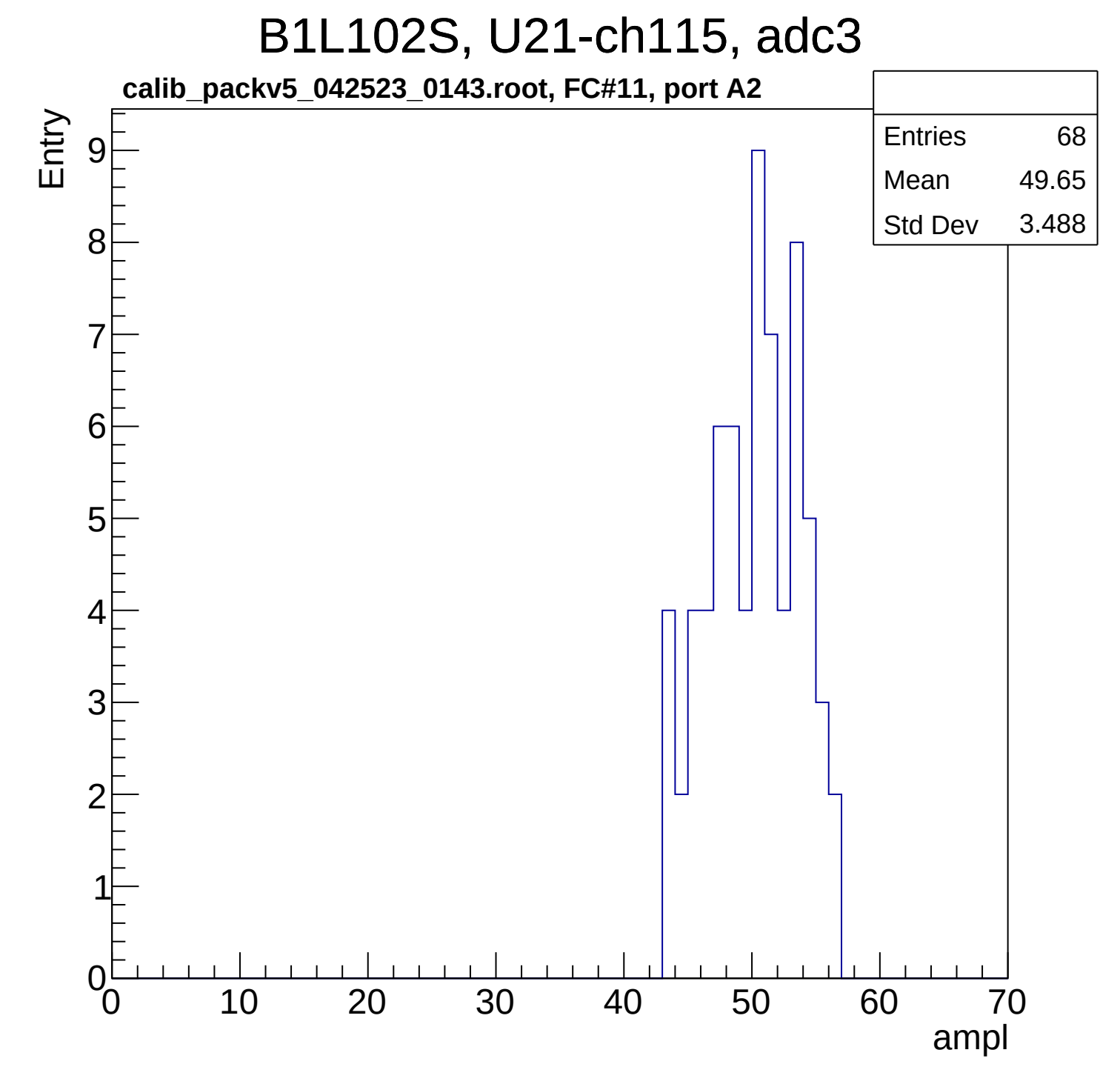
B1L102S, U21-ch115, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 68
Mean 49.65
Std Dev 3.488
Entry
ampl
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2
3
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6
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0
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60
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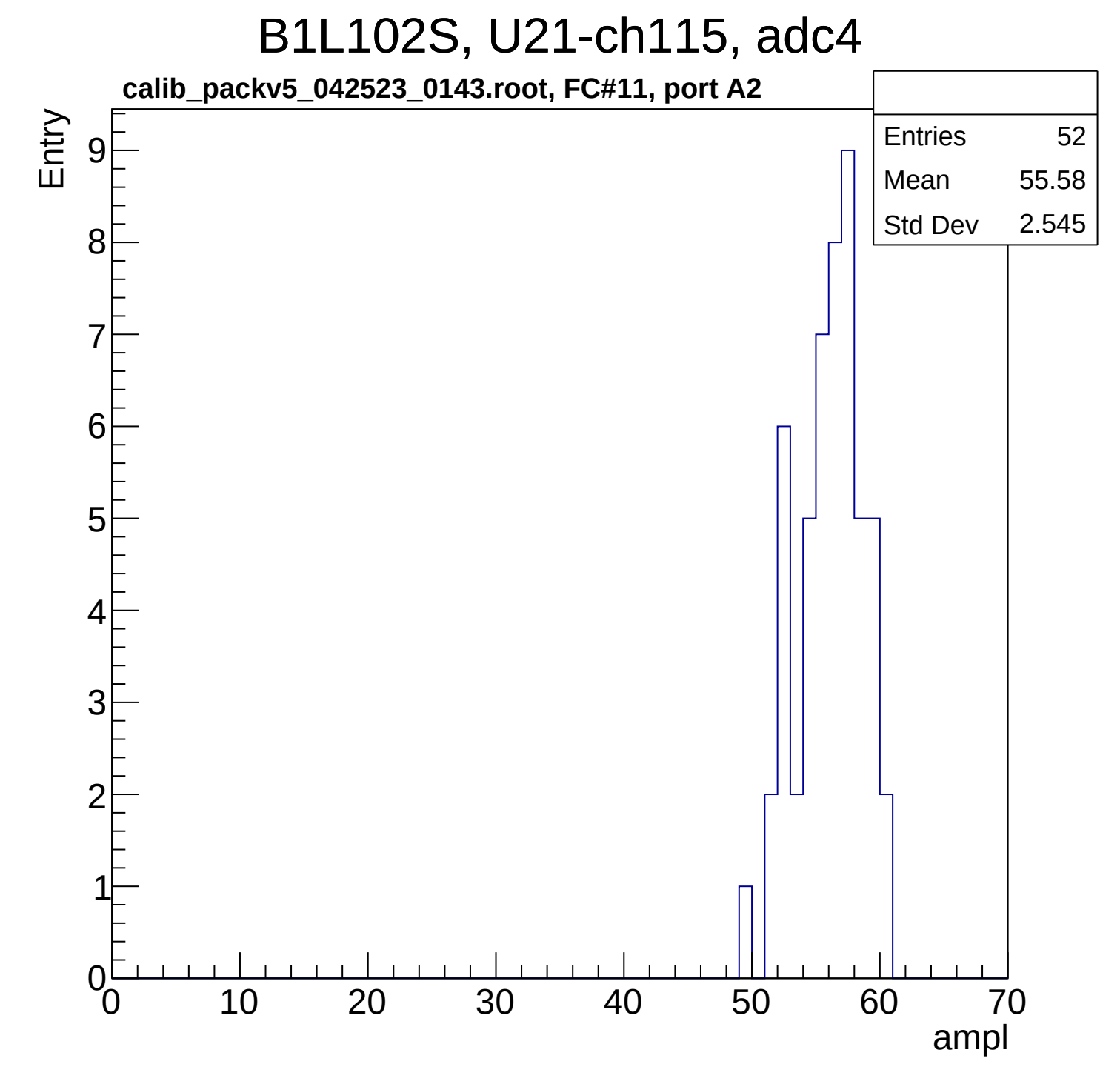
B1L102S, U21-ch115, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 55.58
Std Dev 2.545
Entry
ampl
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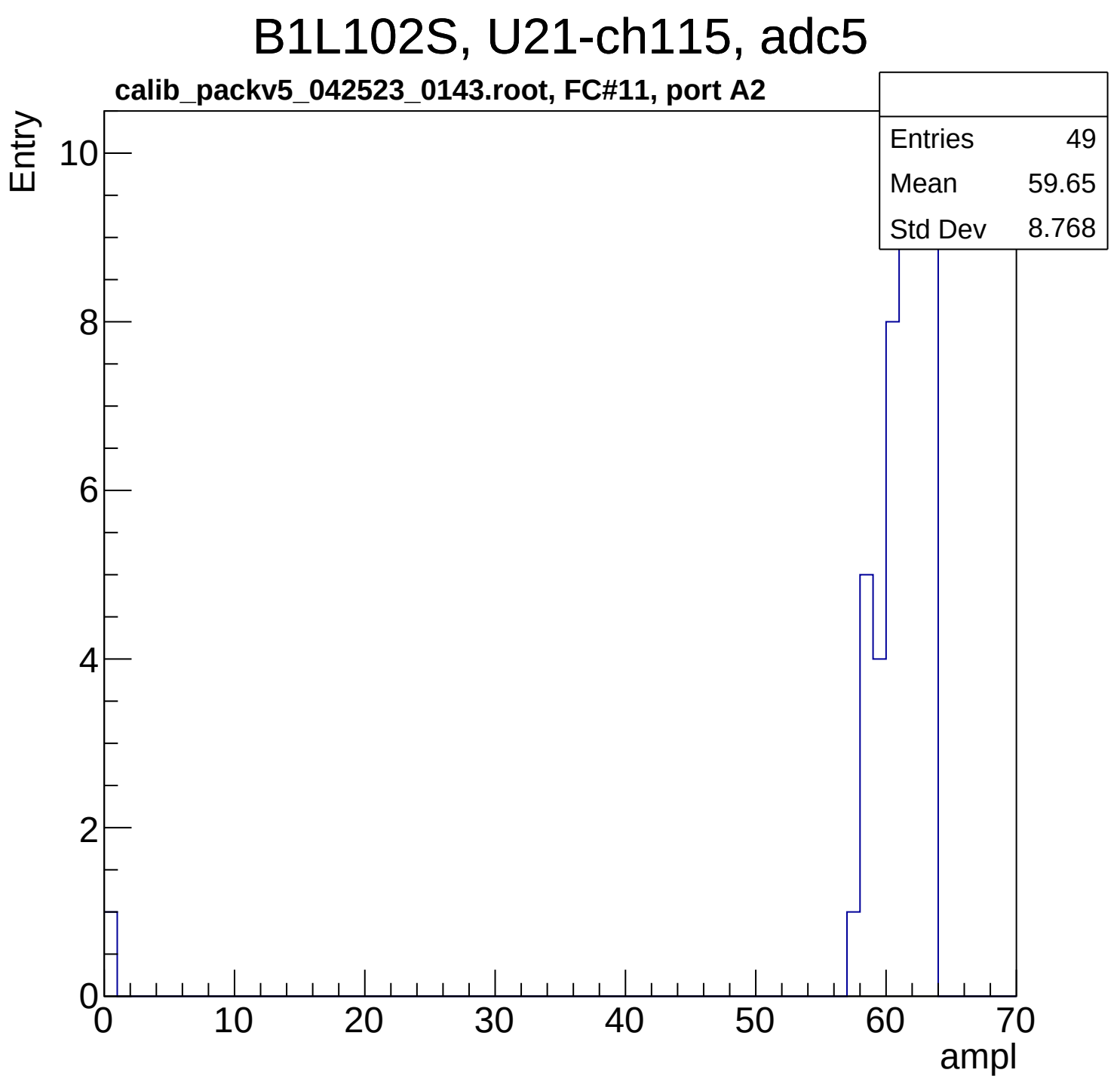
B1L102S, U21-ch115, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 59.65
Std Dev 8.768
Entry
0
2
4
6
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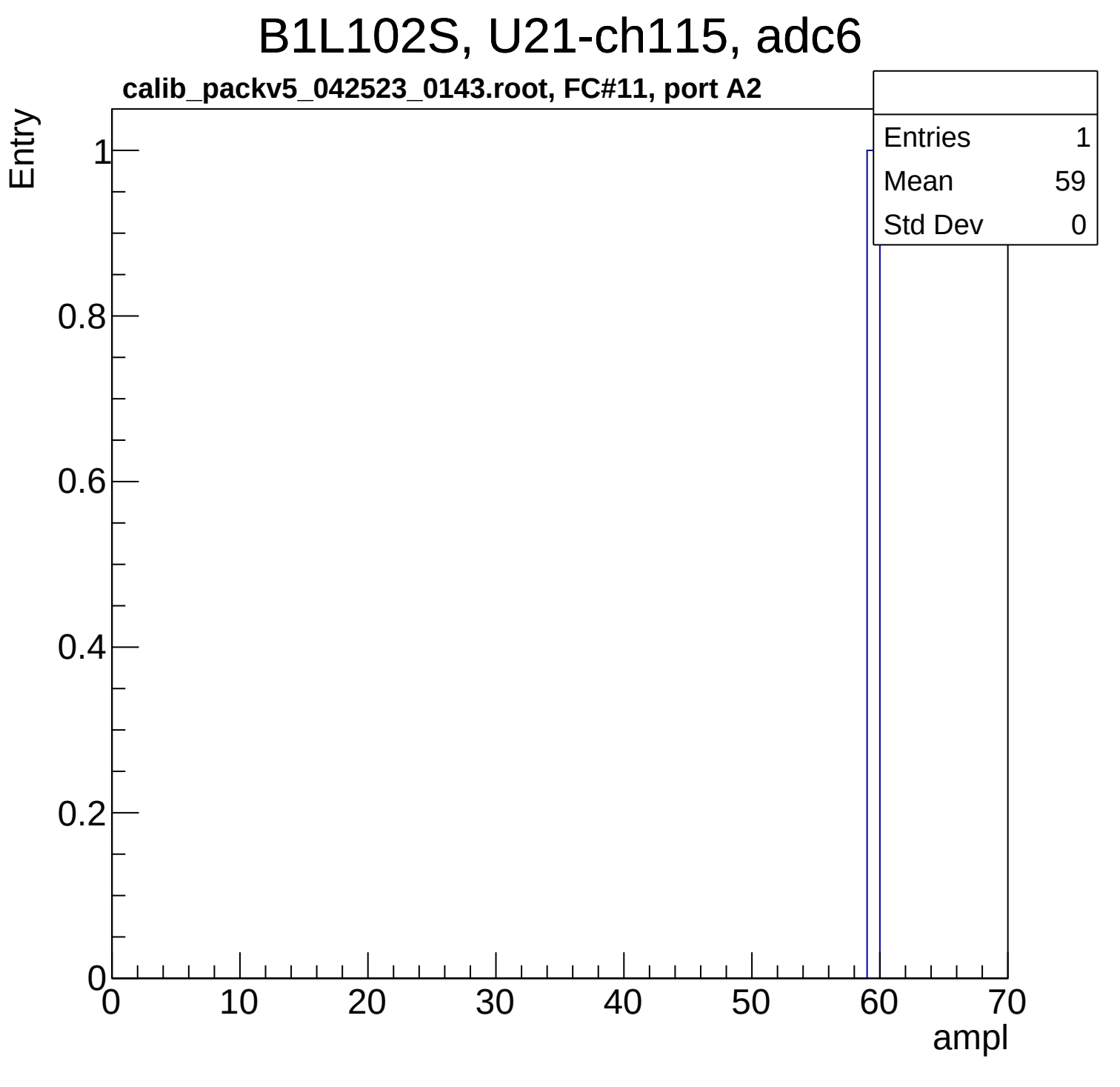
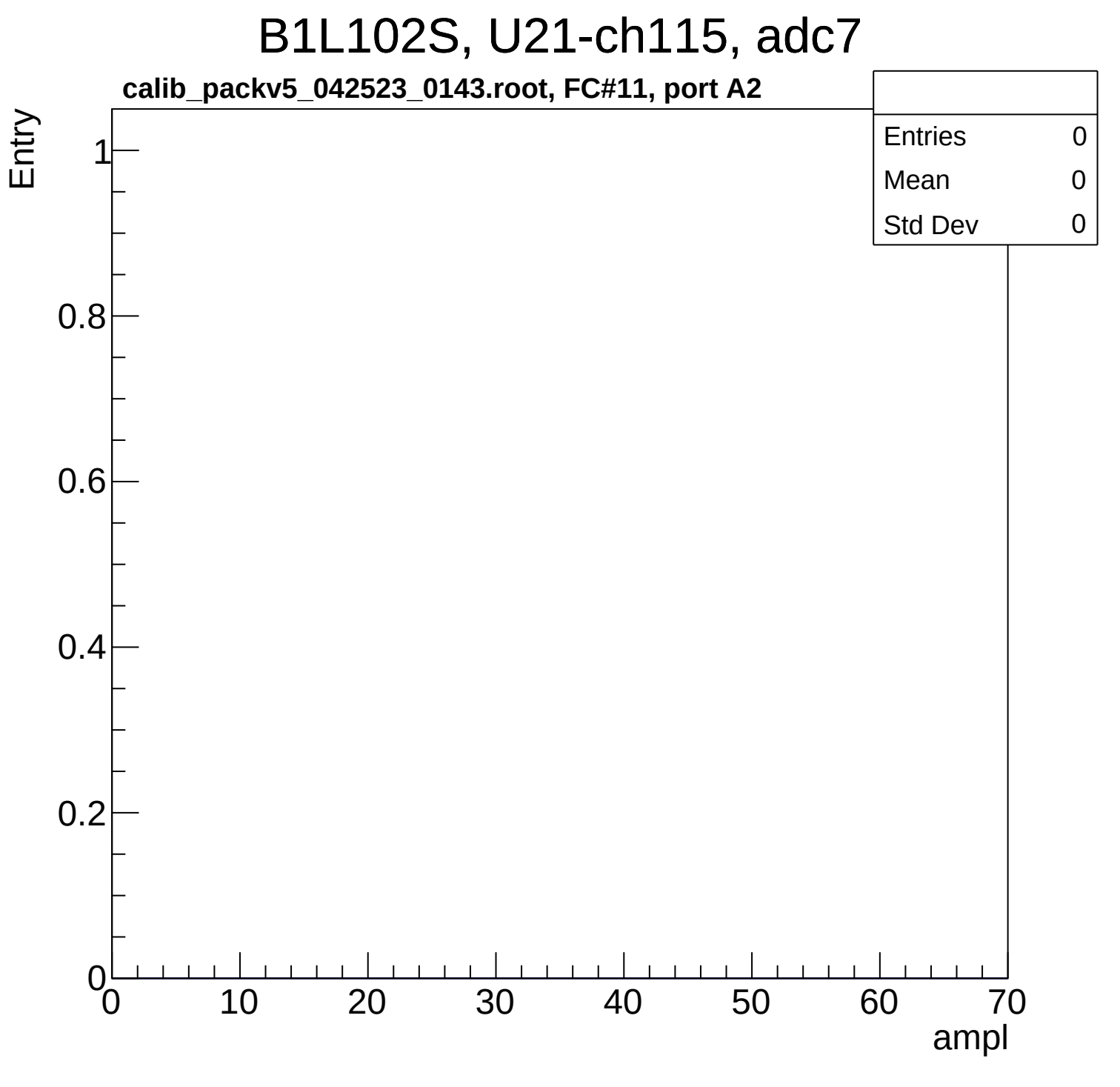
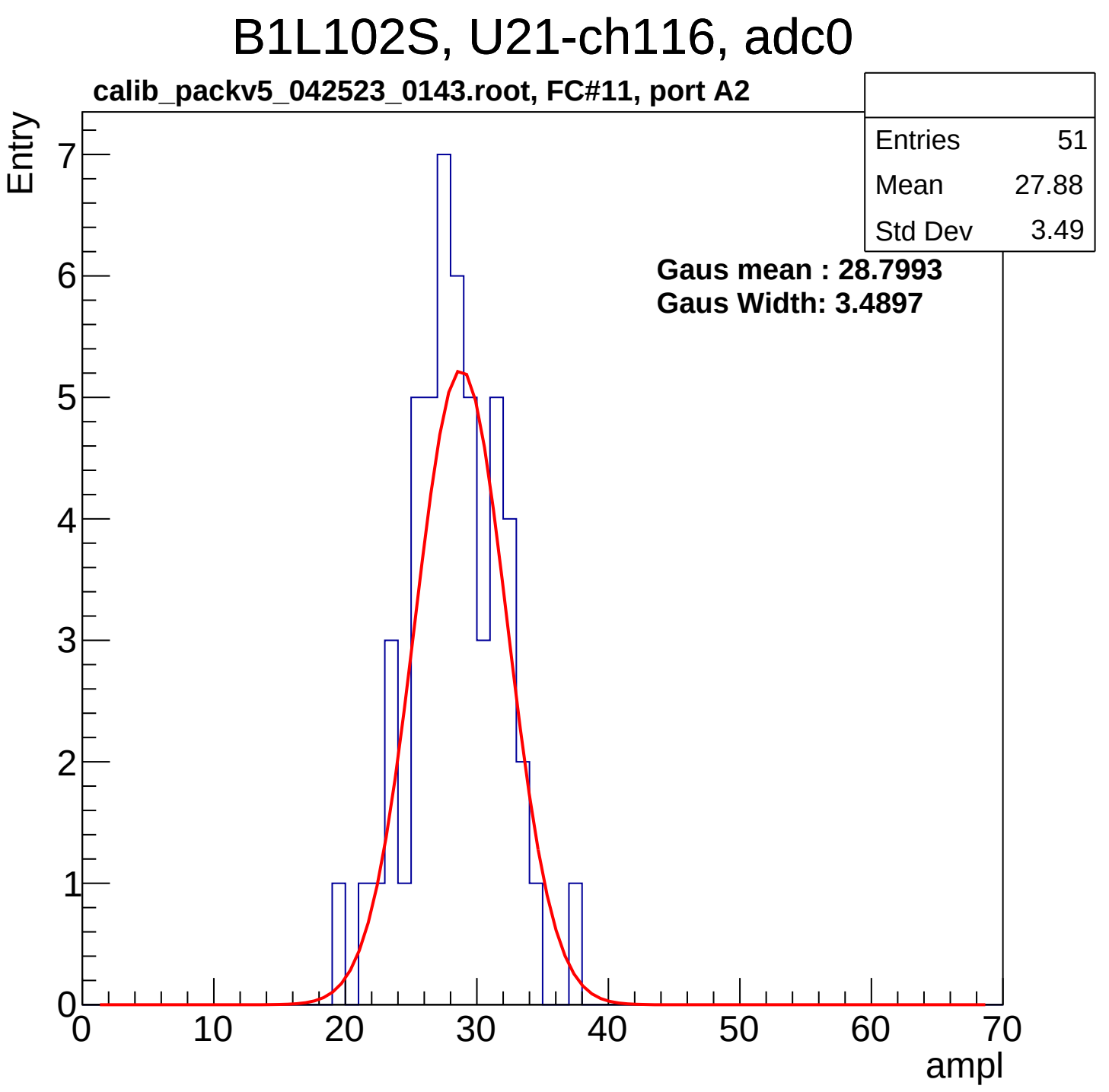
10
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch115, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 59
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch115, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch116, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 27.88
Std Dev 3.49
Gaus mean : 28.7993
Gaus Width: 3.4897
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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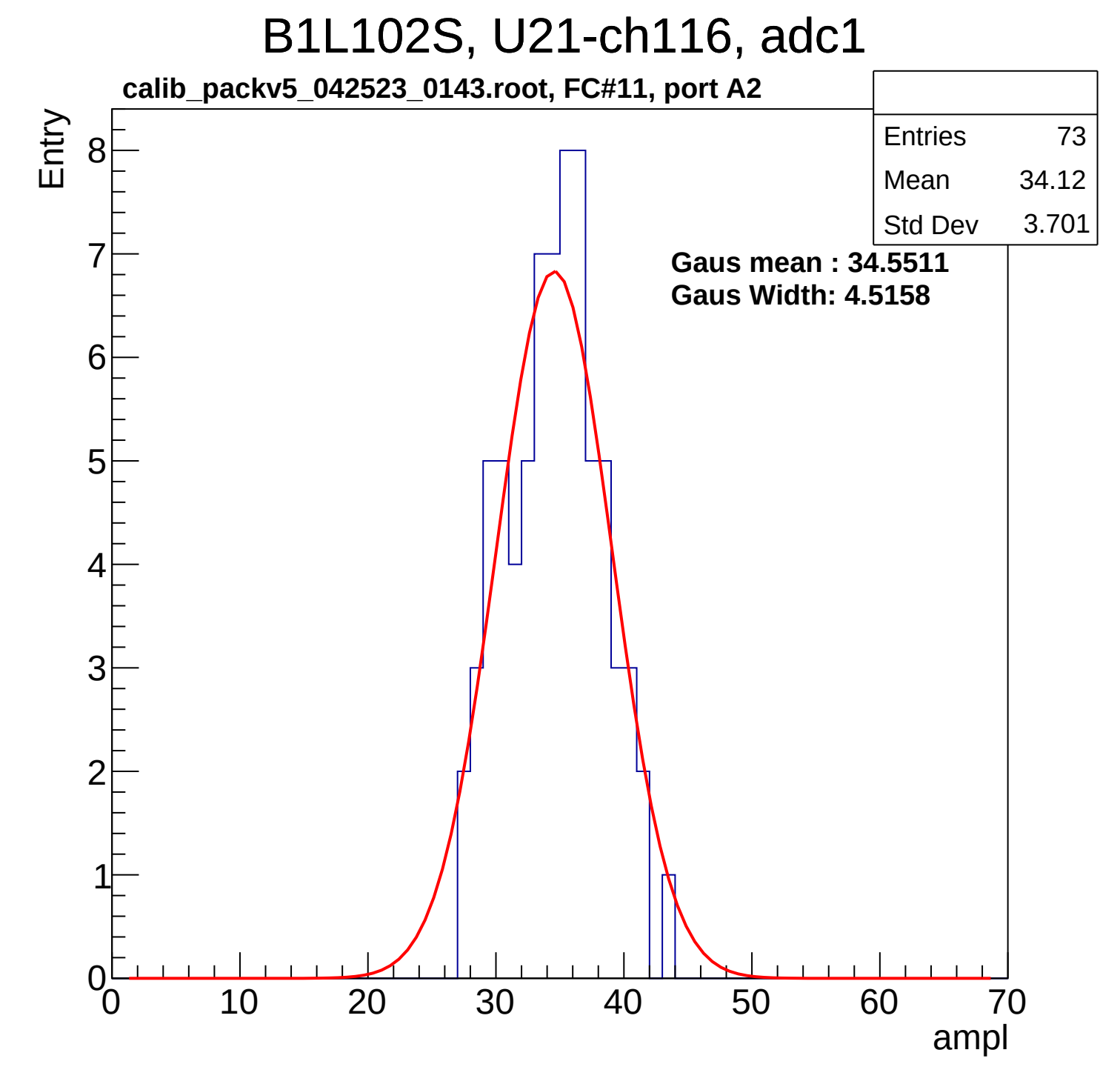
B1L102S, U21-ch116, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 34.12
Std Dev 3.701
Gaus mean : 34.5511
Gaus Width: 4.5158
Entry
ampl
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2
3
4
5
6
7
8
0
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40
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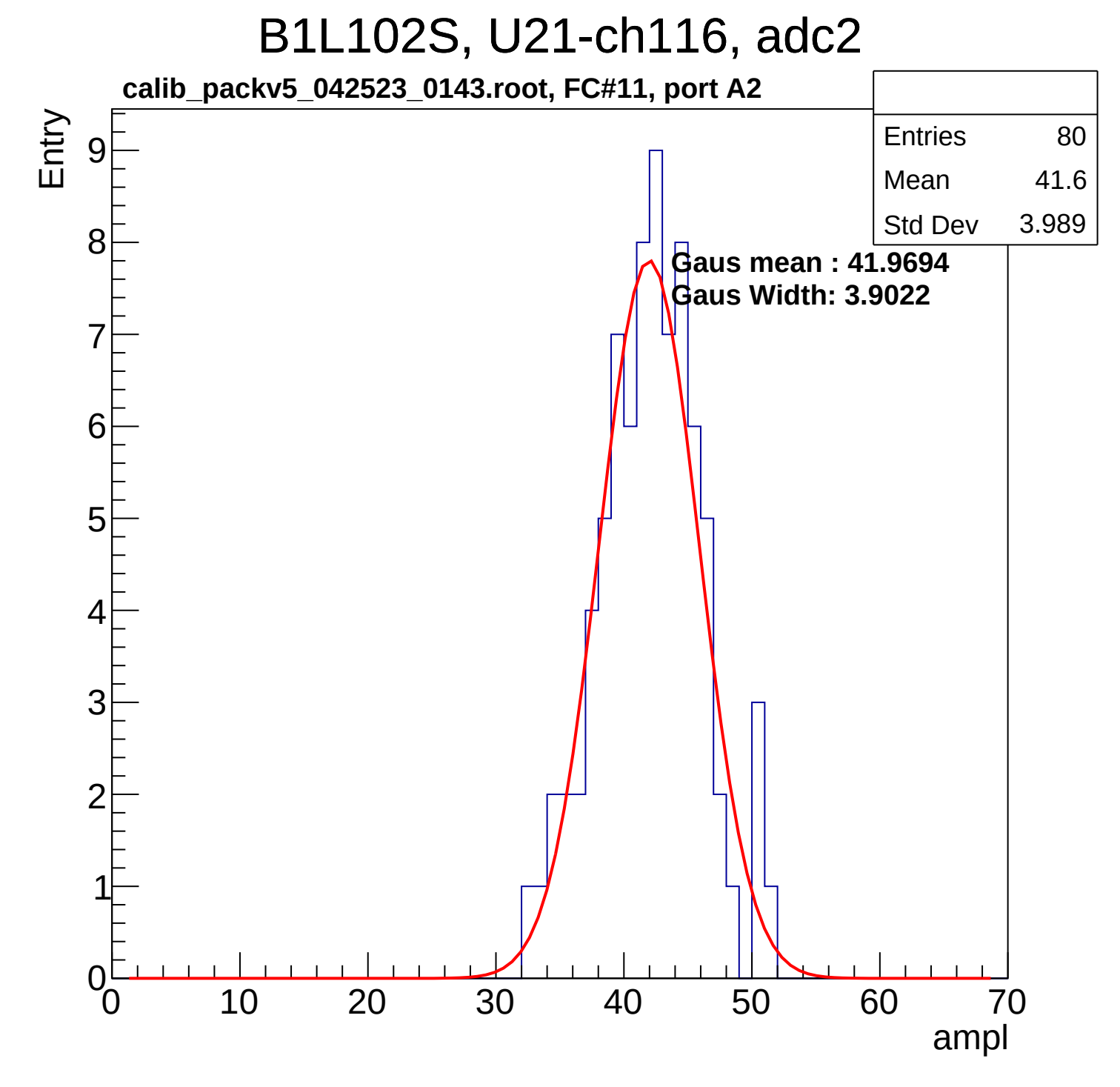
B1L102S, U21-ch116, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 80
Mean 41.6
Std Dev 3.989
Gaus mean : 41.9694
Gaus Width: 3.9022
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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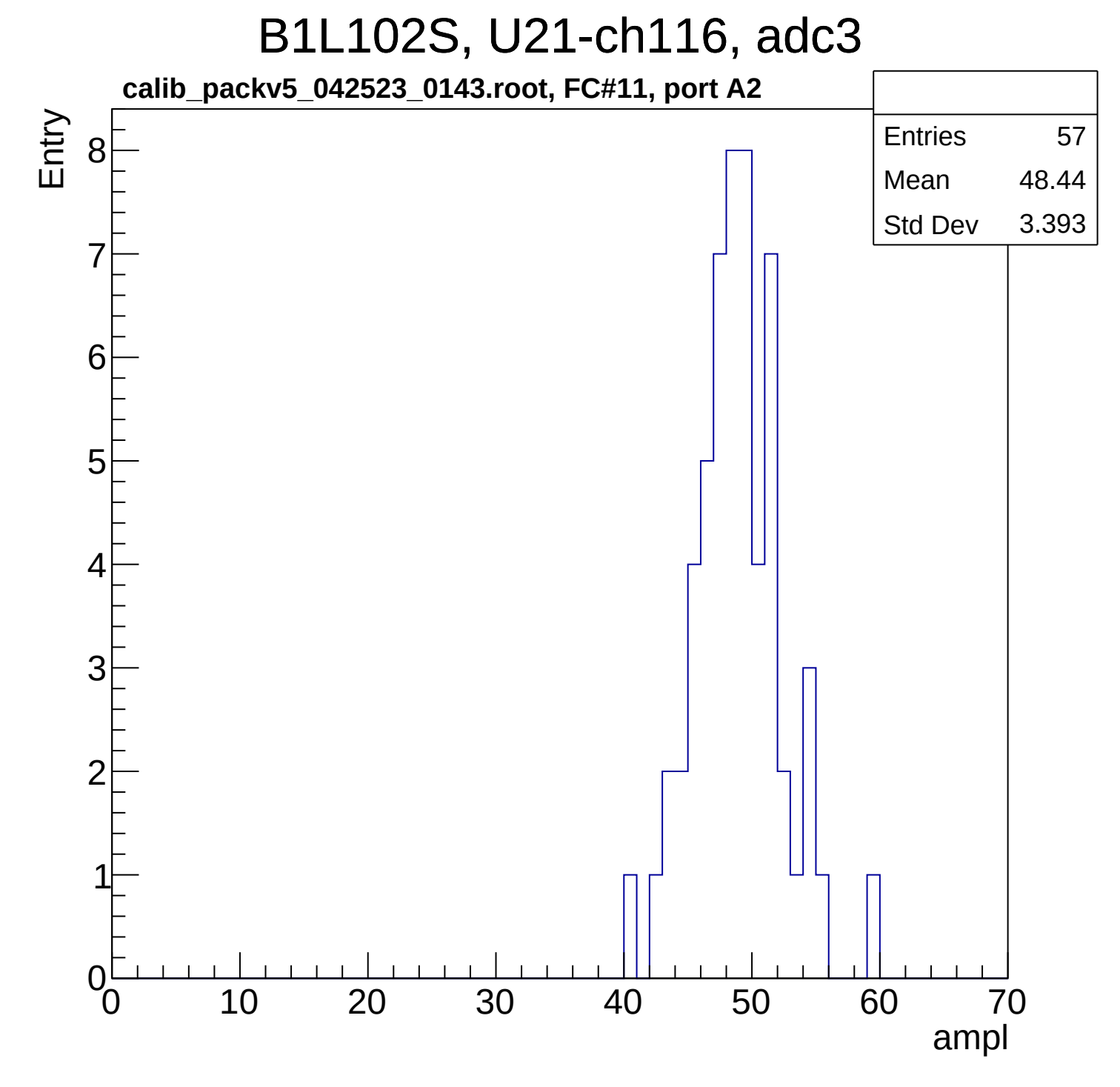
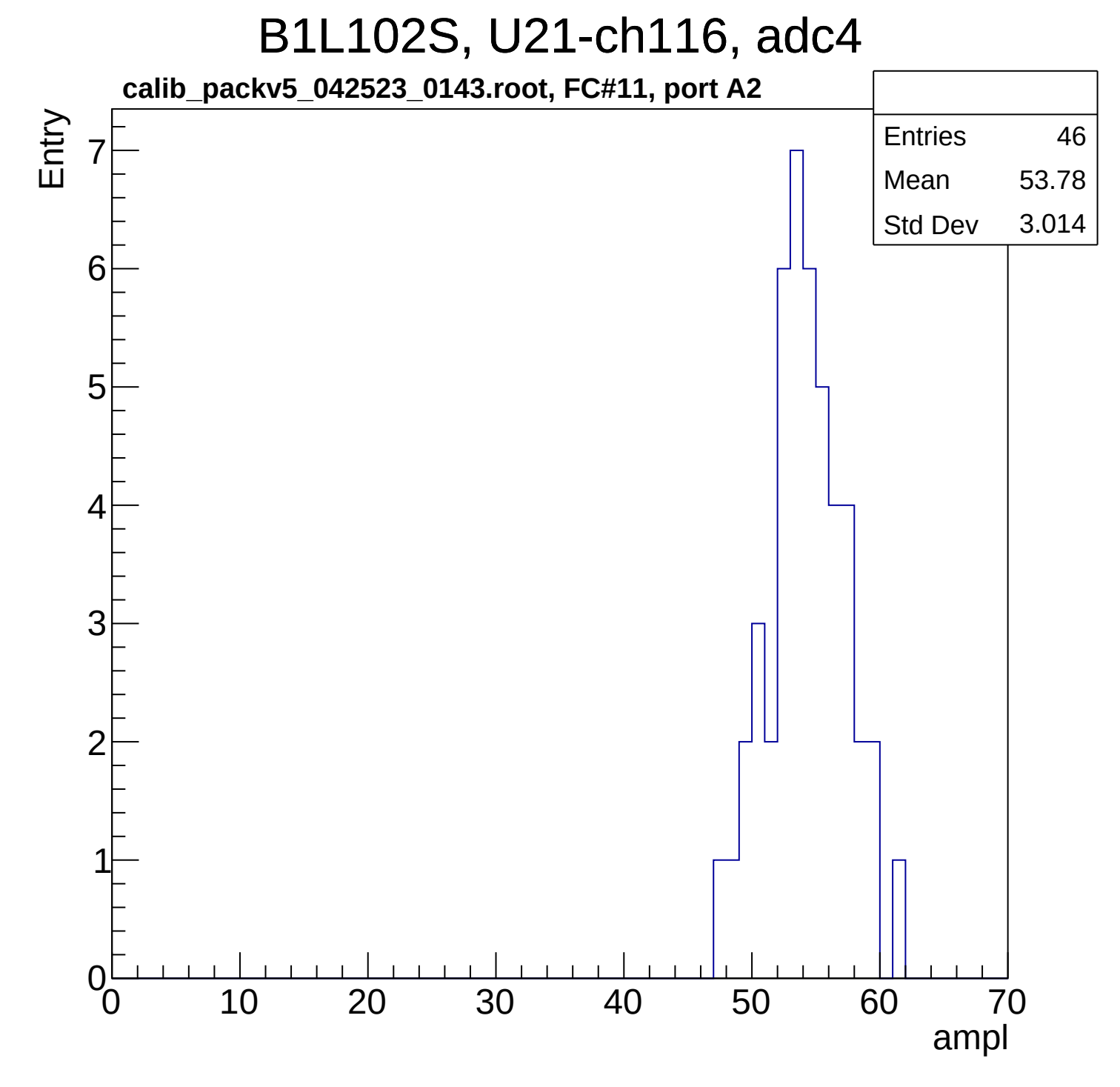
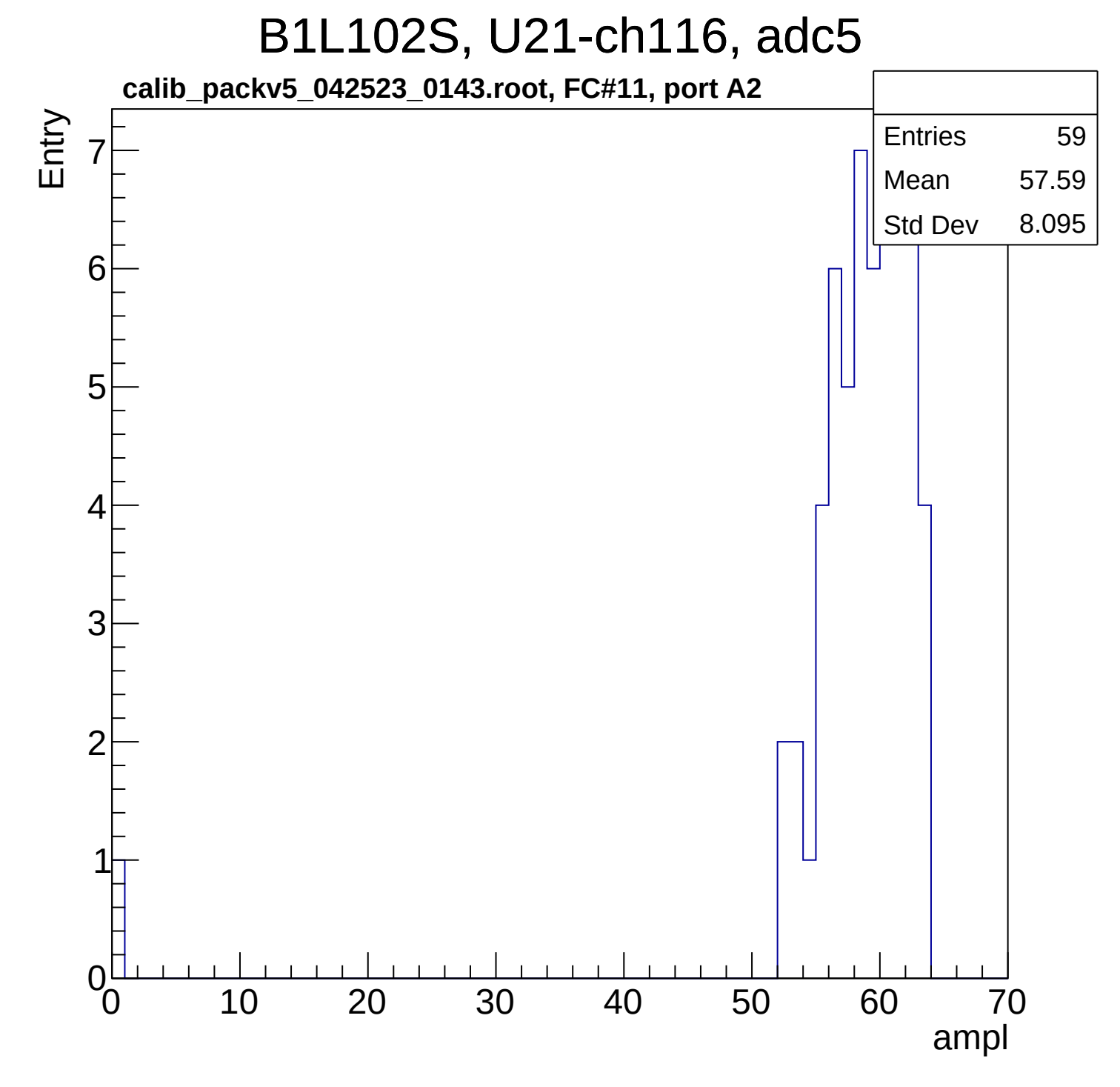

B1L102S, U21-ch116, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 48.44
Std Dev 3.393
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch116, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 46
Mean 53.78
Std Dev 3.014
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch116, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 57.59
Std Dev 8.095
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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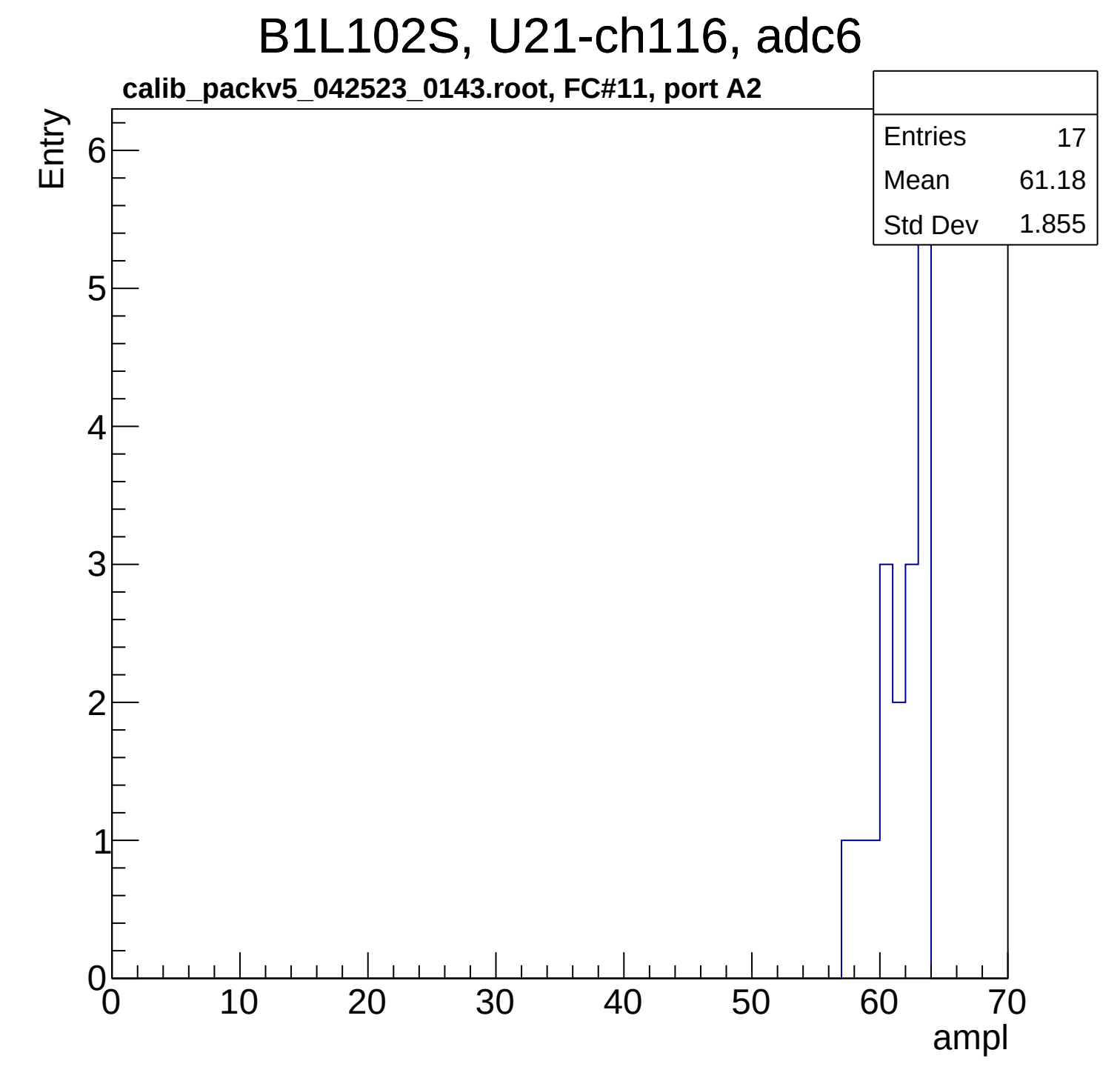
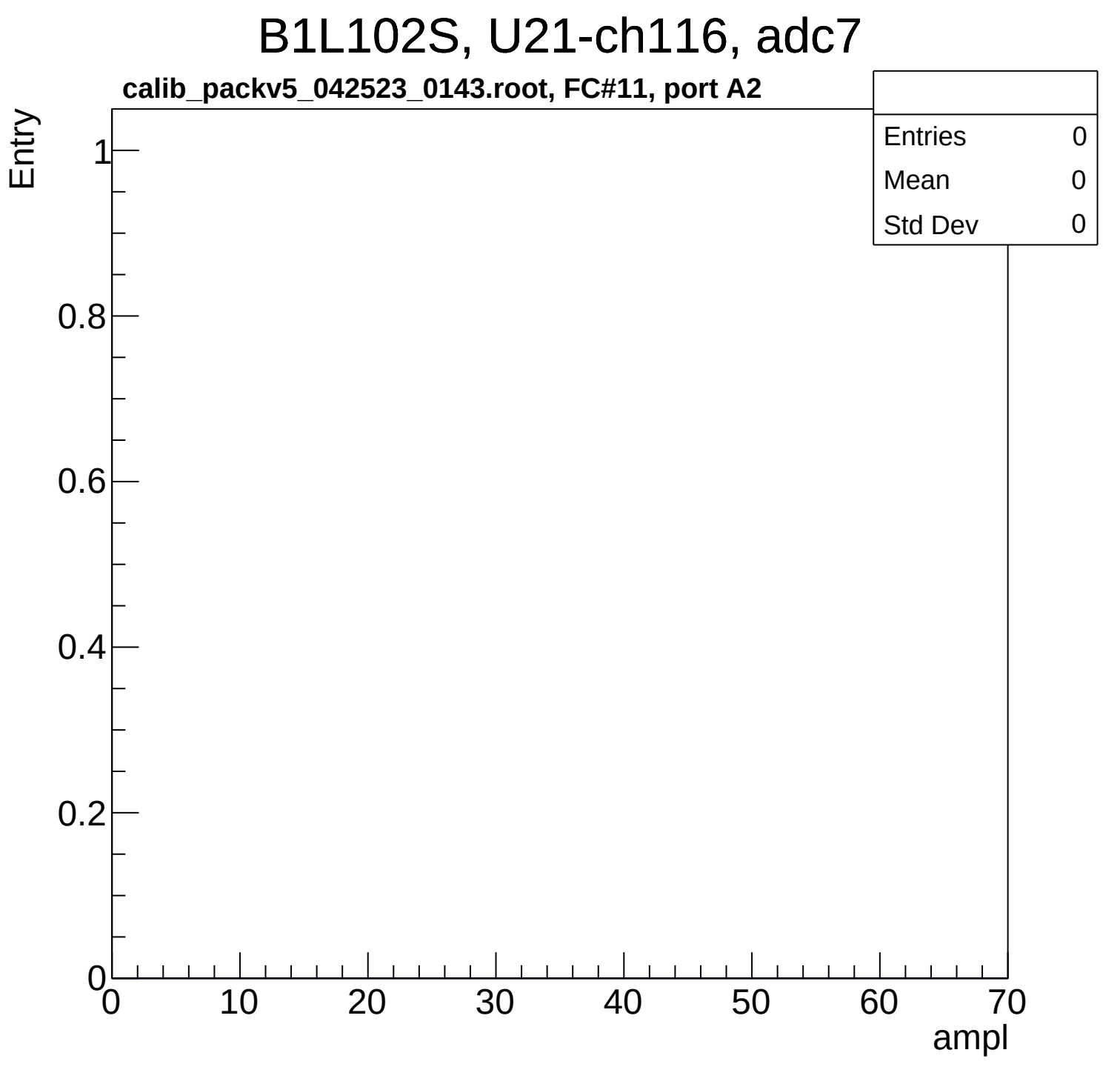
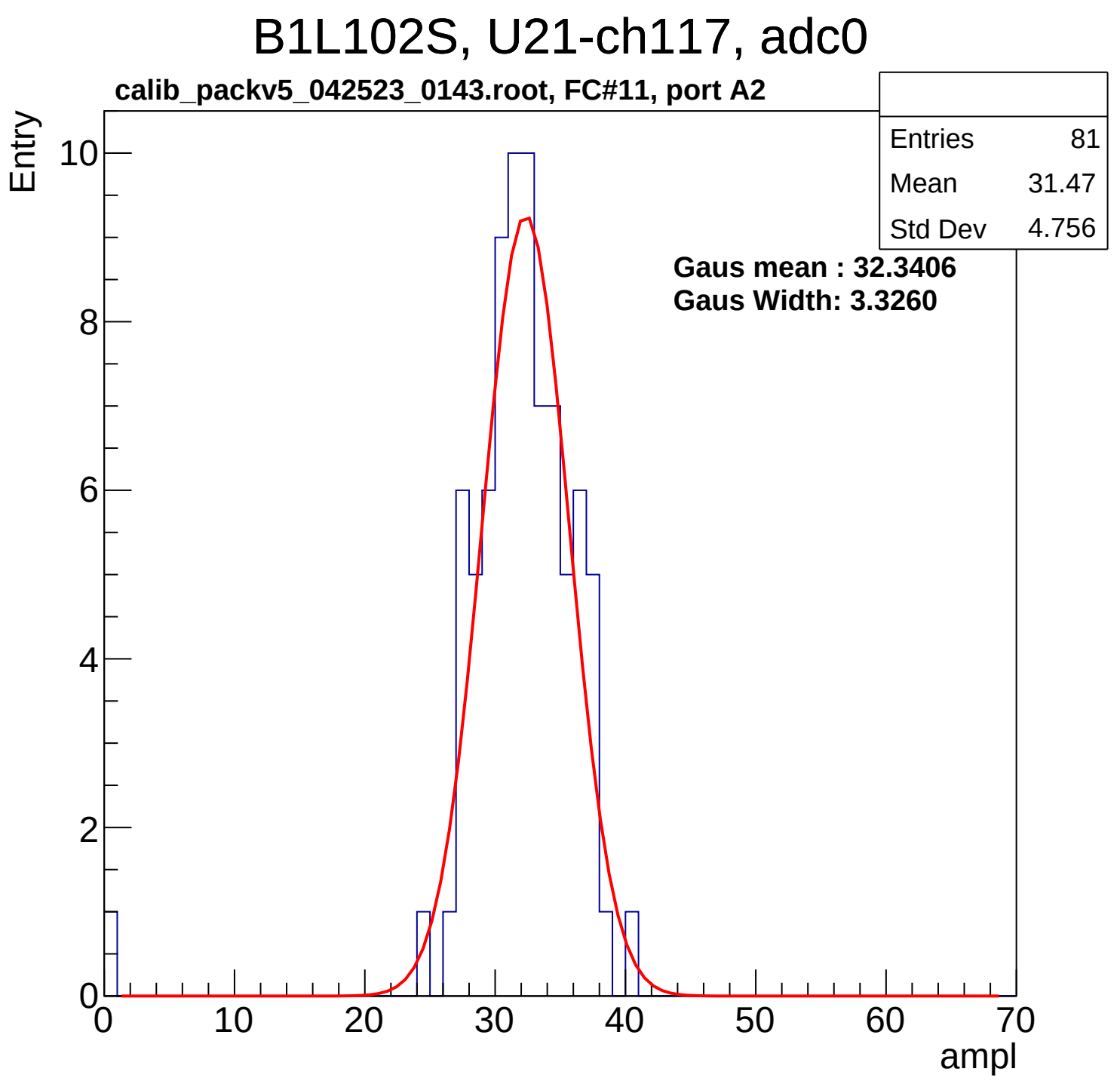
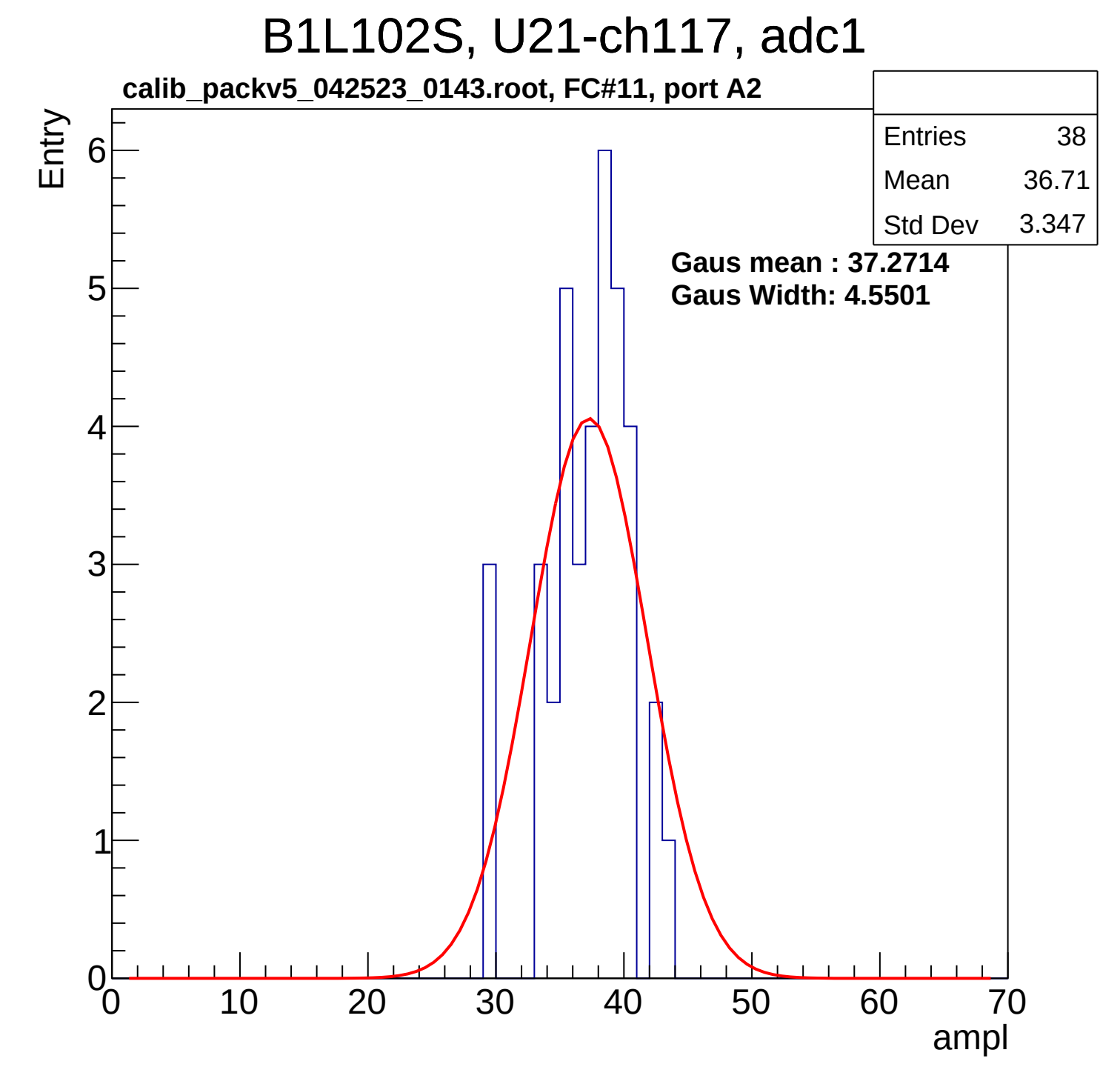
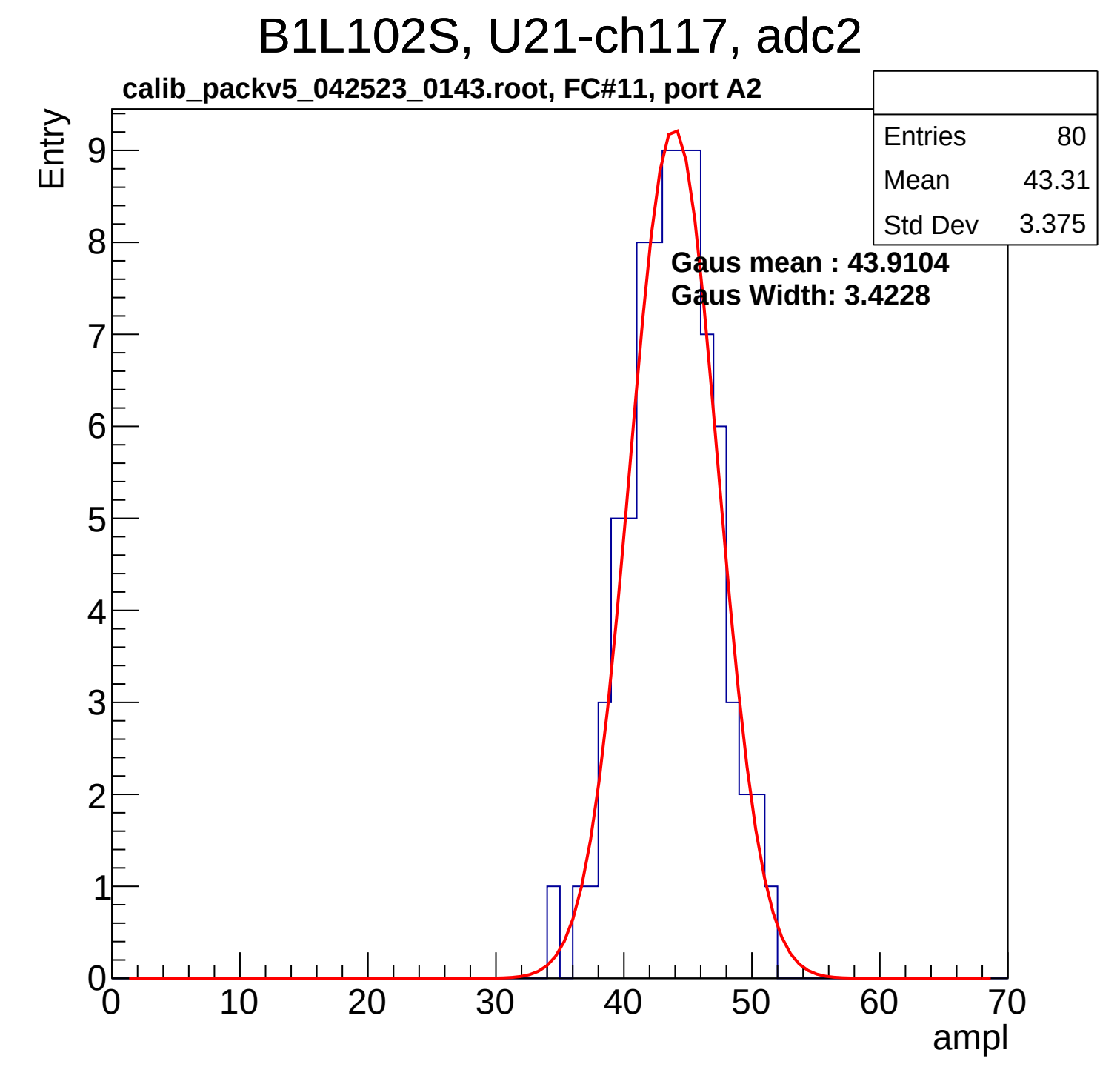
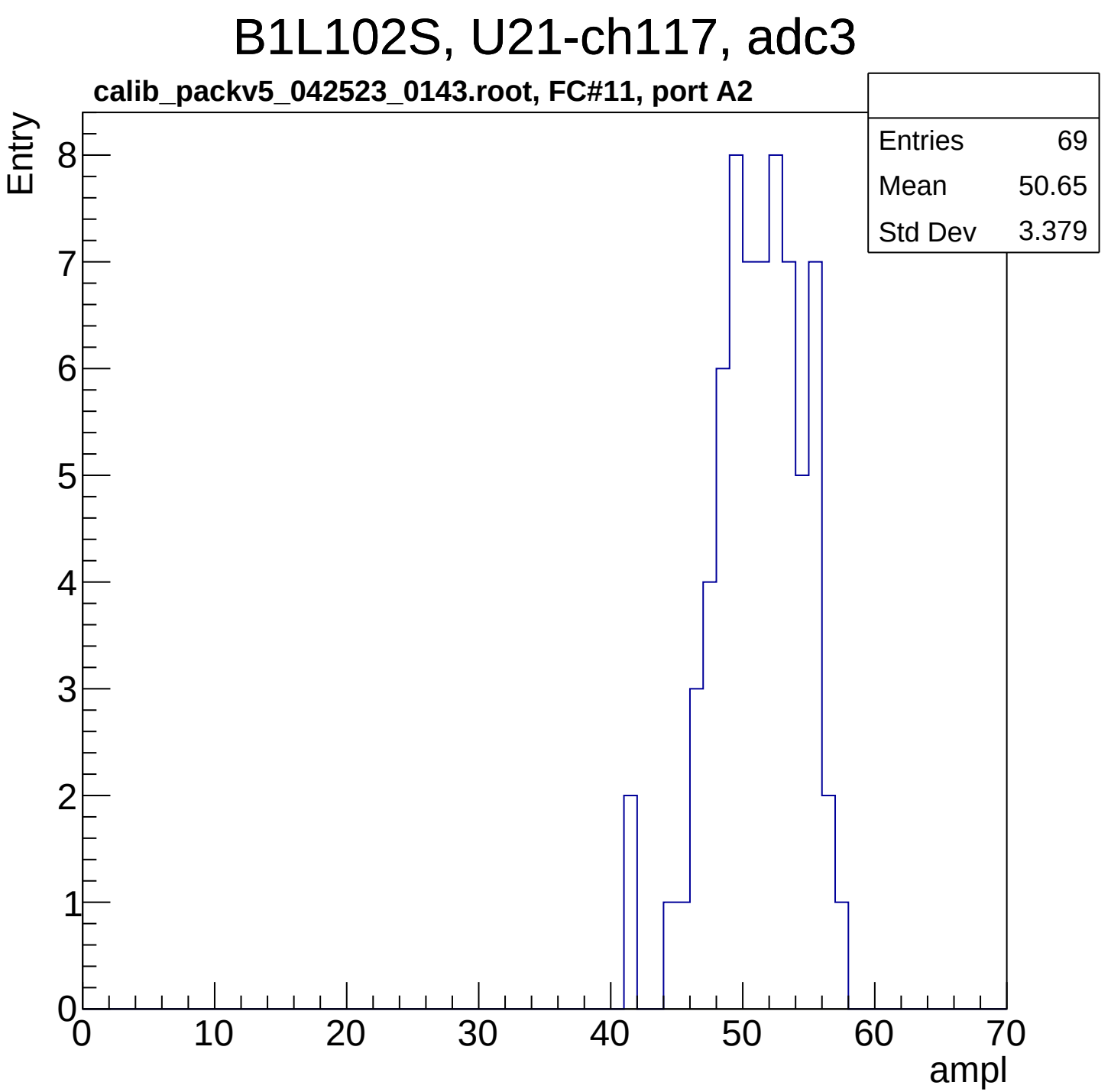

B1L102S, U21-ch116, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 17
Mean 61.18
Std Dev 1.855
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70

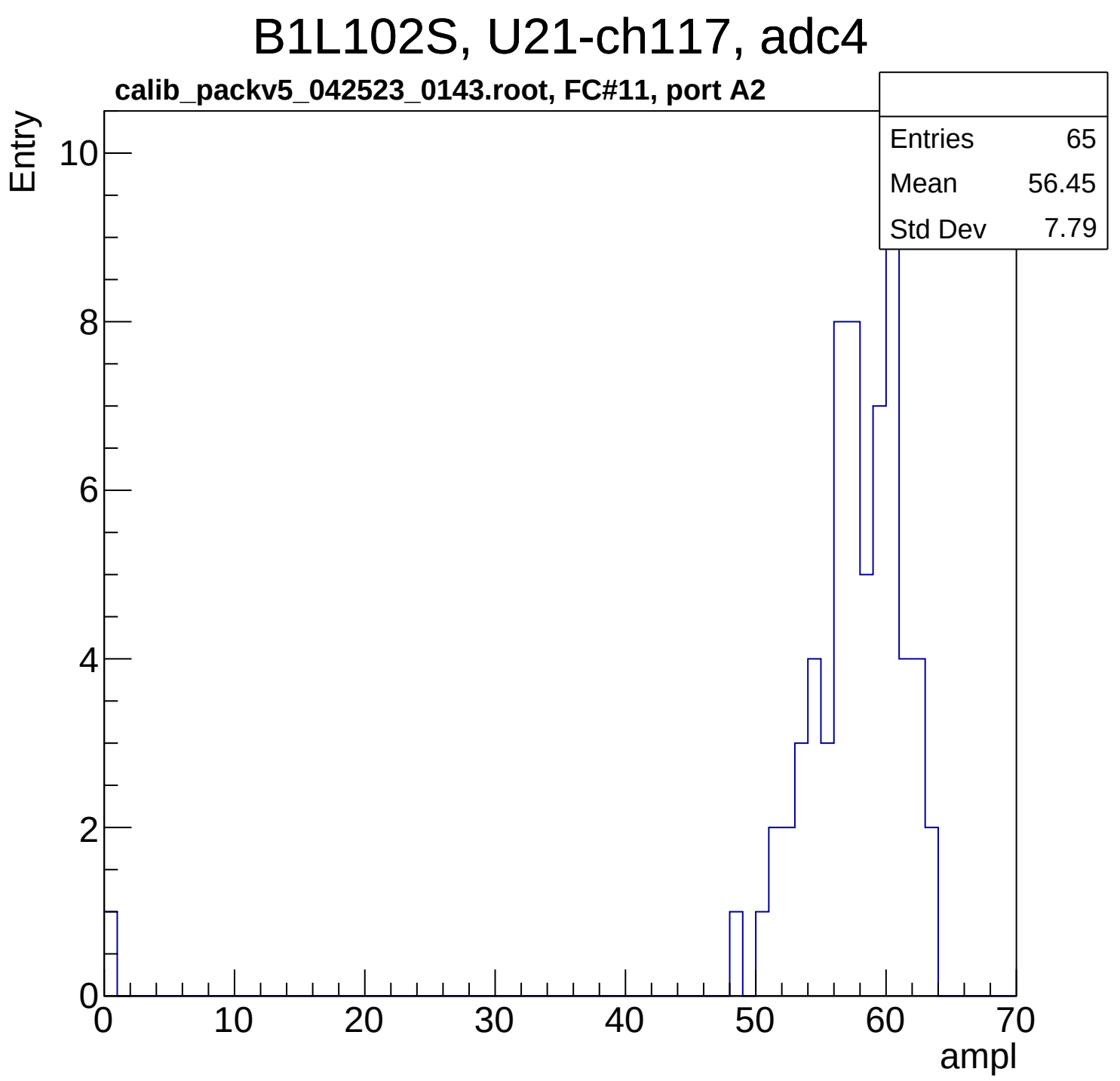

B1L102S, U21-ch116, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

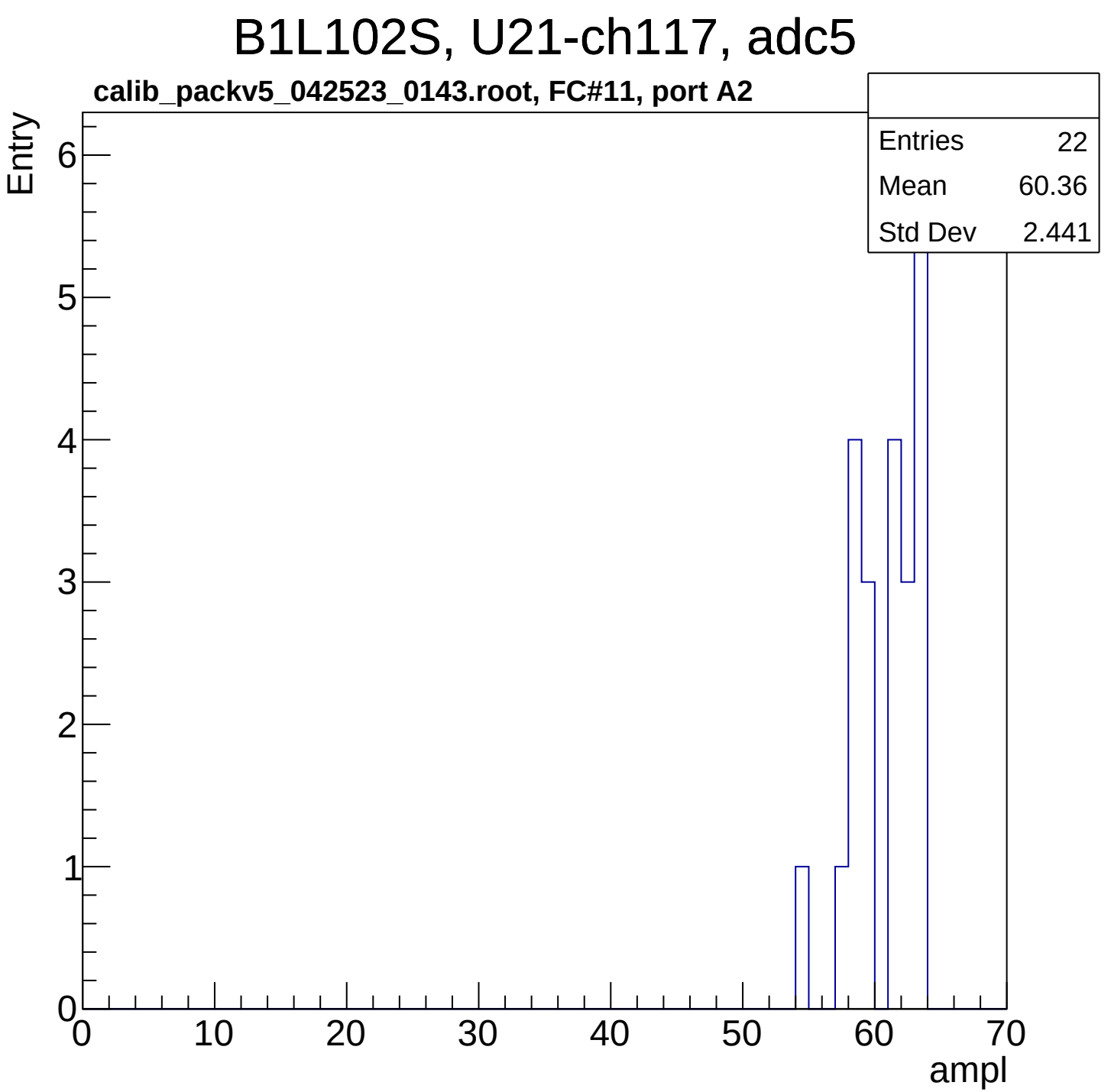

B1L102S, U21-ch117, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 81
Mean 31.47
Std Dev 4.756
Gaus mean : 32.3406
Gaus Width: 3.3260
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

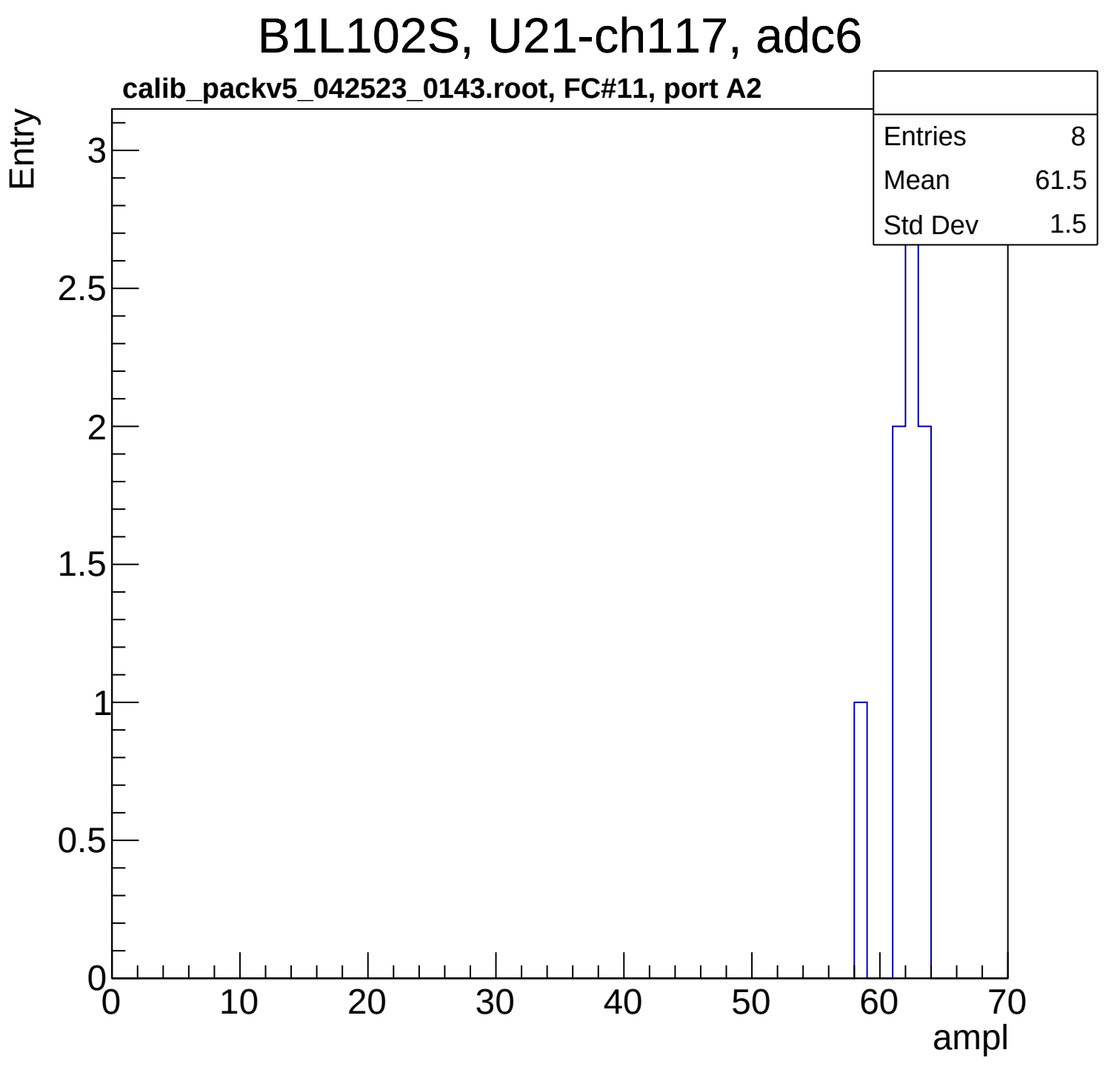

B1L102S, U21-ch117, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 38
Mean 36.71
Std Dev 3.347
Gaus mean : 37.2714
Gaus Width: 4.5501
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70


B1L102S, U21-ch117, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 80
Mean 43.31
Std Dev 3.375
Gaus mean : 43.9104
Gaus Width: 3.4228
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch117, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 50.65
Std Dev 3.379
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch117, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 56.45
Std Dev 7.79
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch117, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 22
Mean 60.36
Std Dev 2.441
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch117, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 8
Mean 61.5
Std Dev 1.5
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
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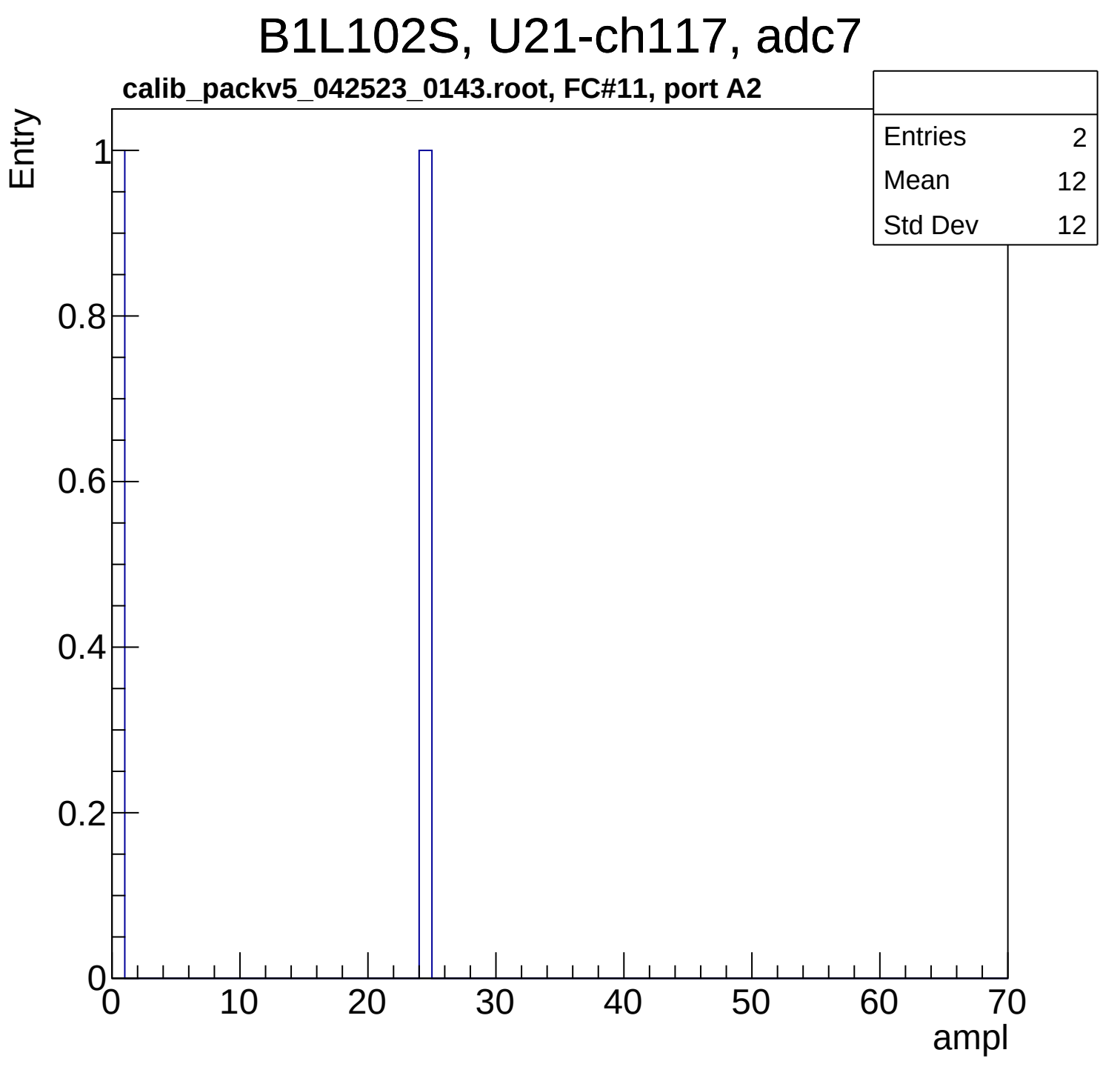
40
50
60
70


B1L102S, U21-ch117, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 12
Std Dev 12
Entry
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0.4
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50
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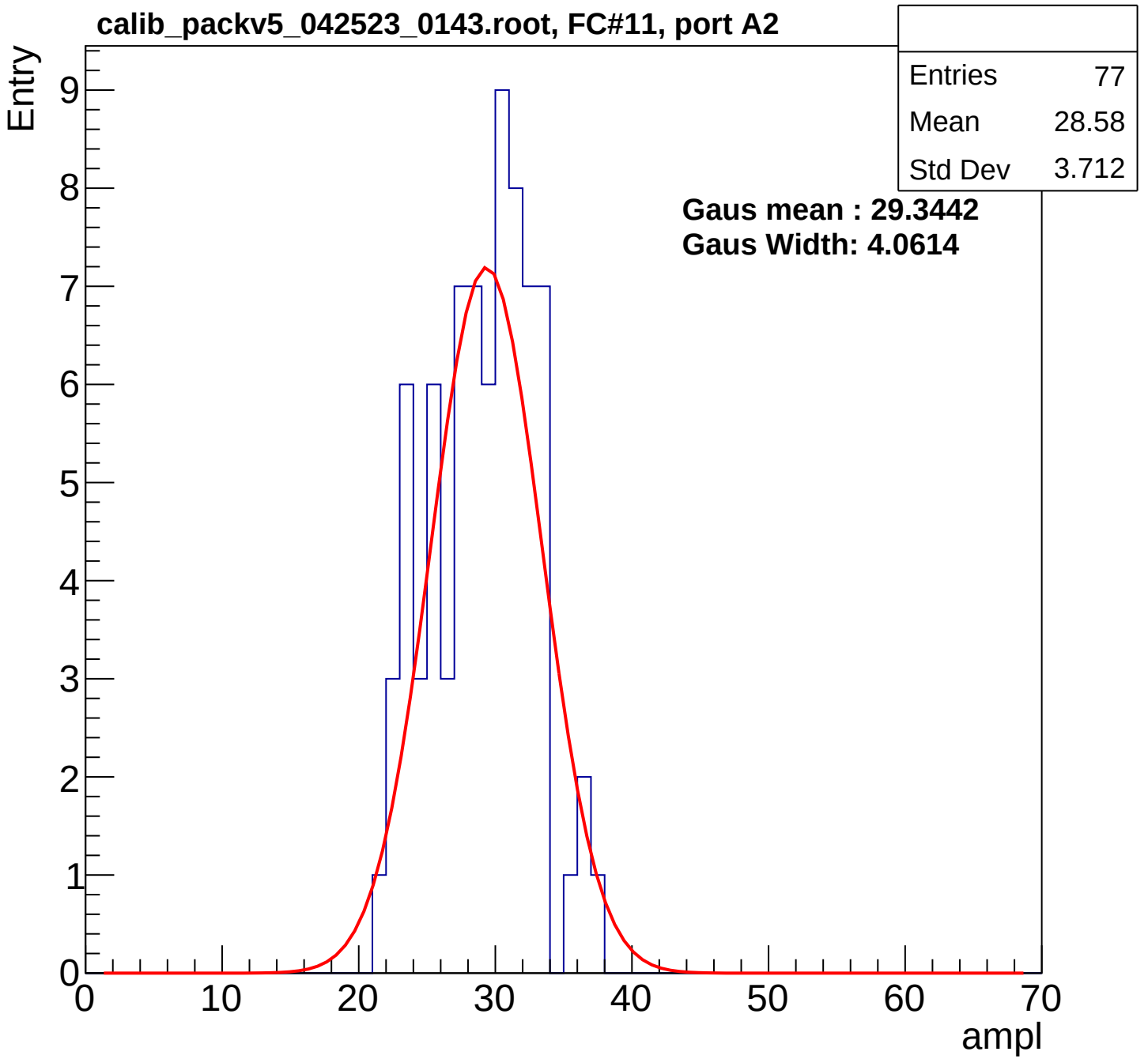
70
ampl


B1L102S, U21-ch118, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 28.58
Std Dev 3.712
Gaus mean : 29.3442
Gaus Width: 4.0614
Entry
ampl
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2
3
4
5
6
7
8
9
0
10
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30
40
50
60
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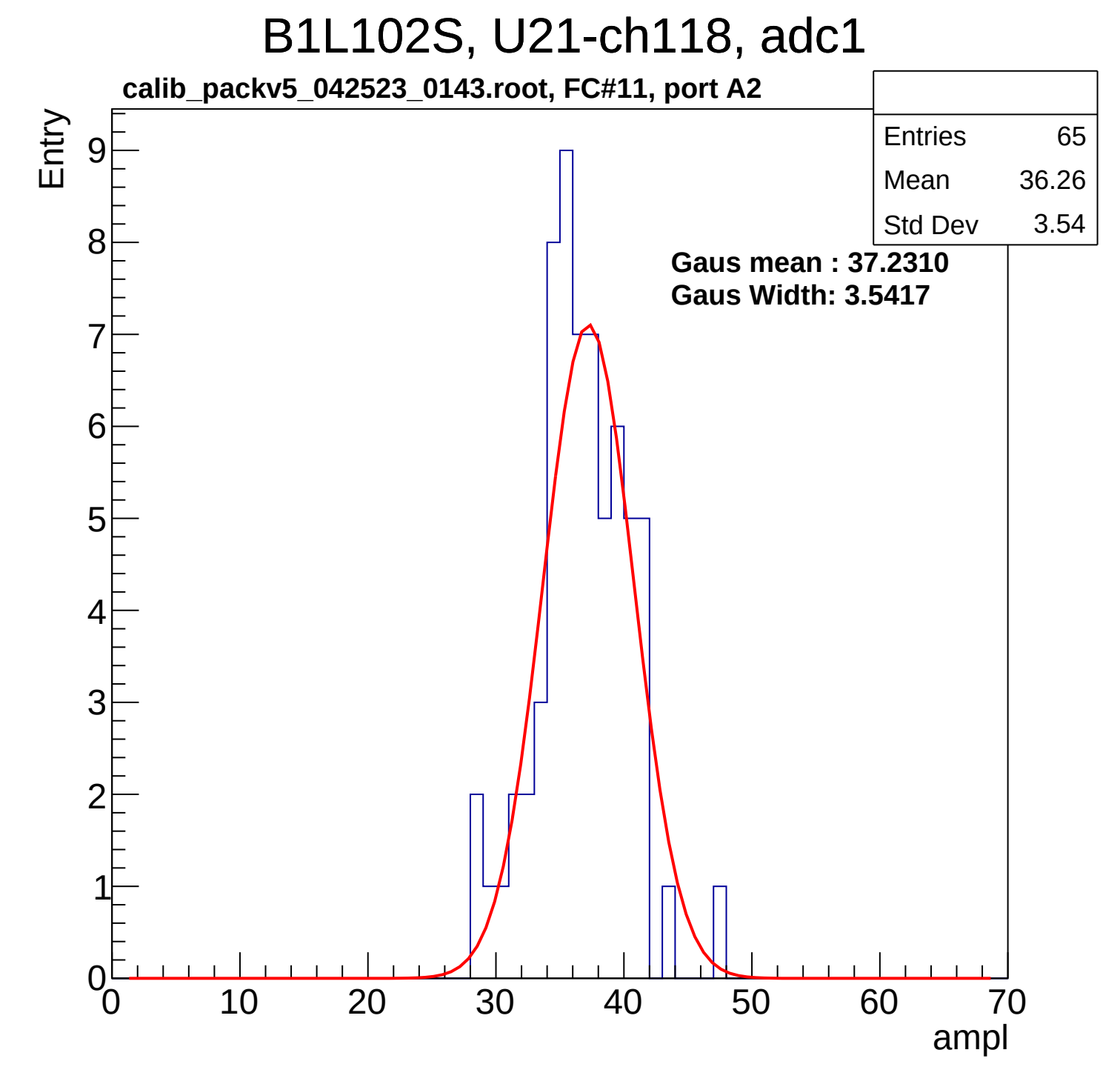
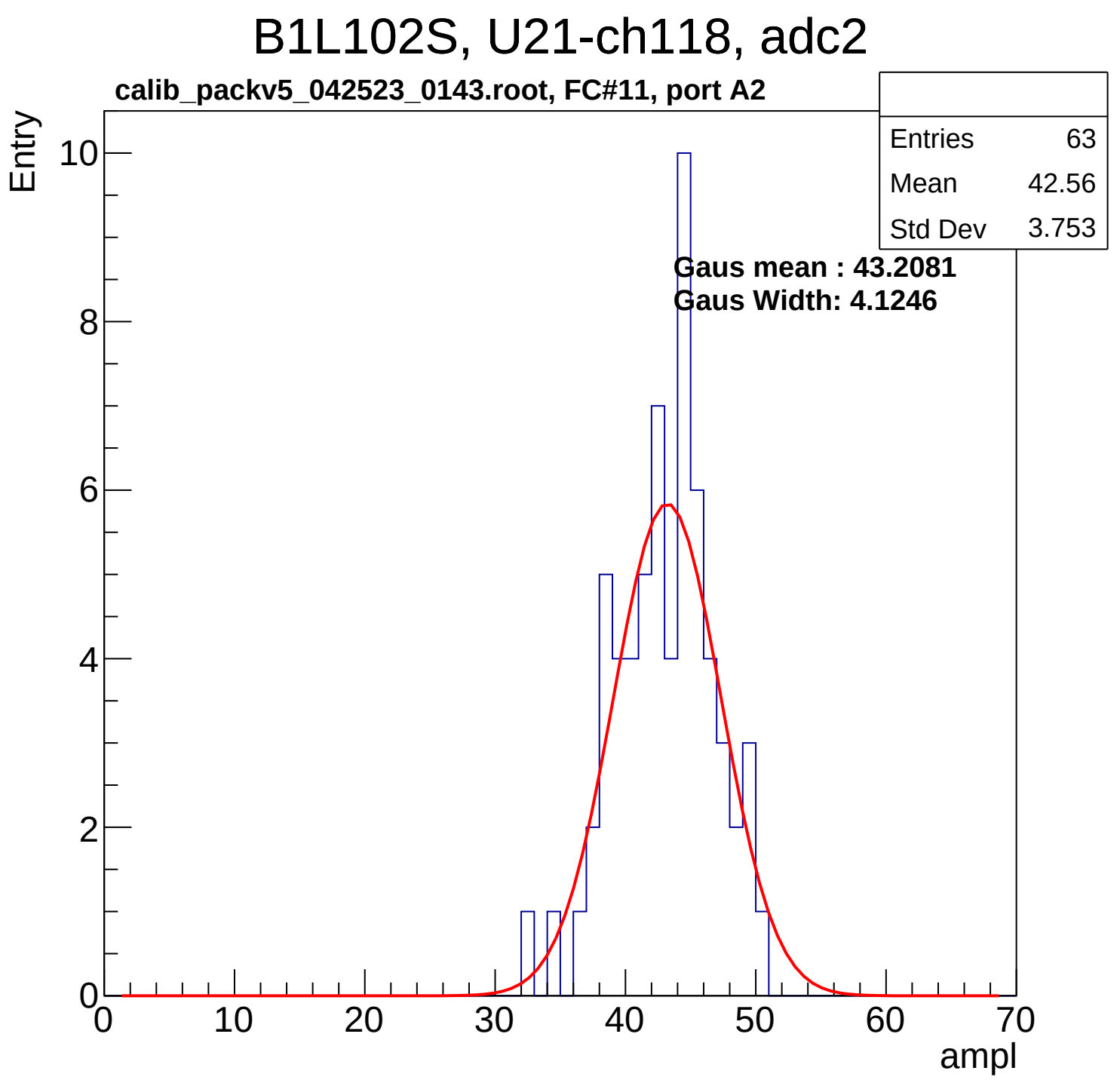
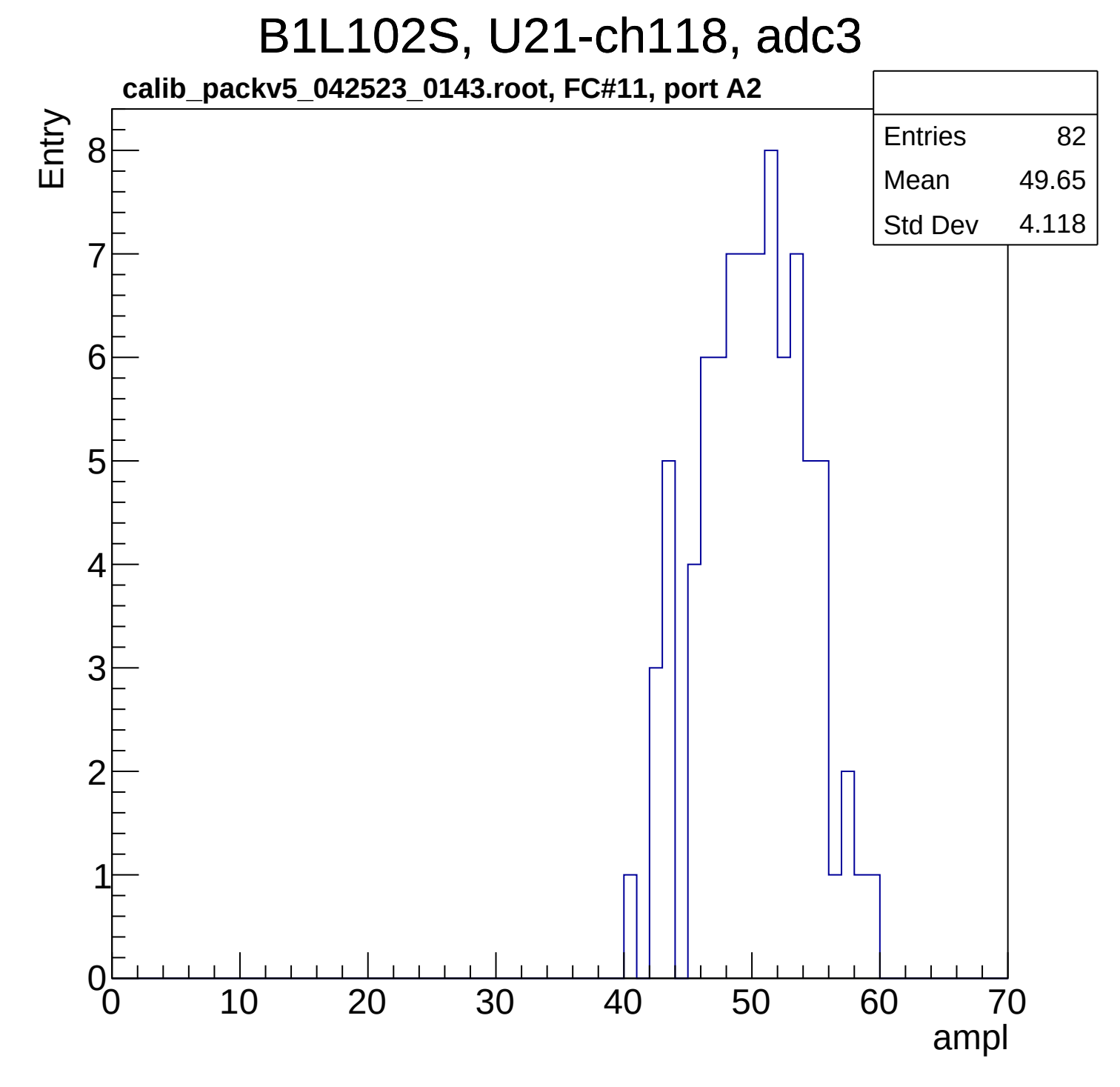

B1L102S, U21-ch118, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 36.26
Std Dev 3.54
Gaus mean : 37.2310
Gaus Width: 3.5417
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch118, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 42.56
Std Dev 3.753
Gaus mean : 43.2081
Gaus Width: 4.1246
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch118, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 82
Mean 49.65
Std Dev 4.118
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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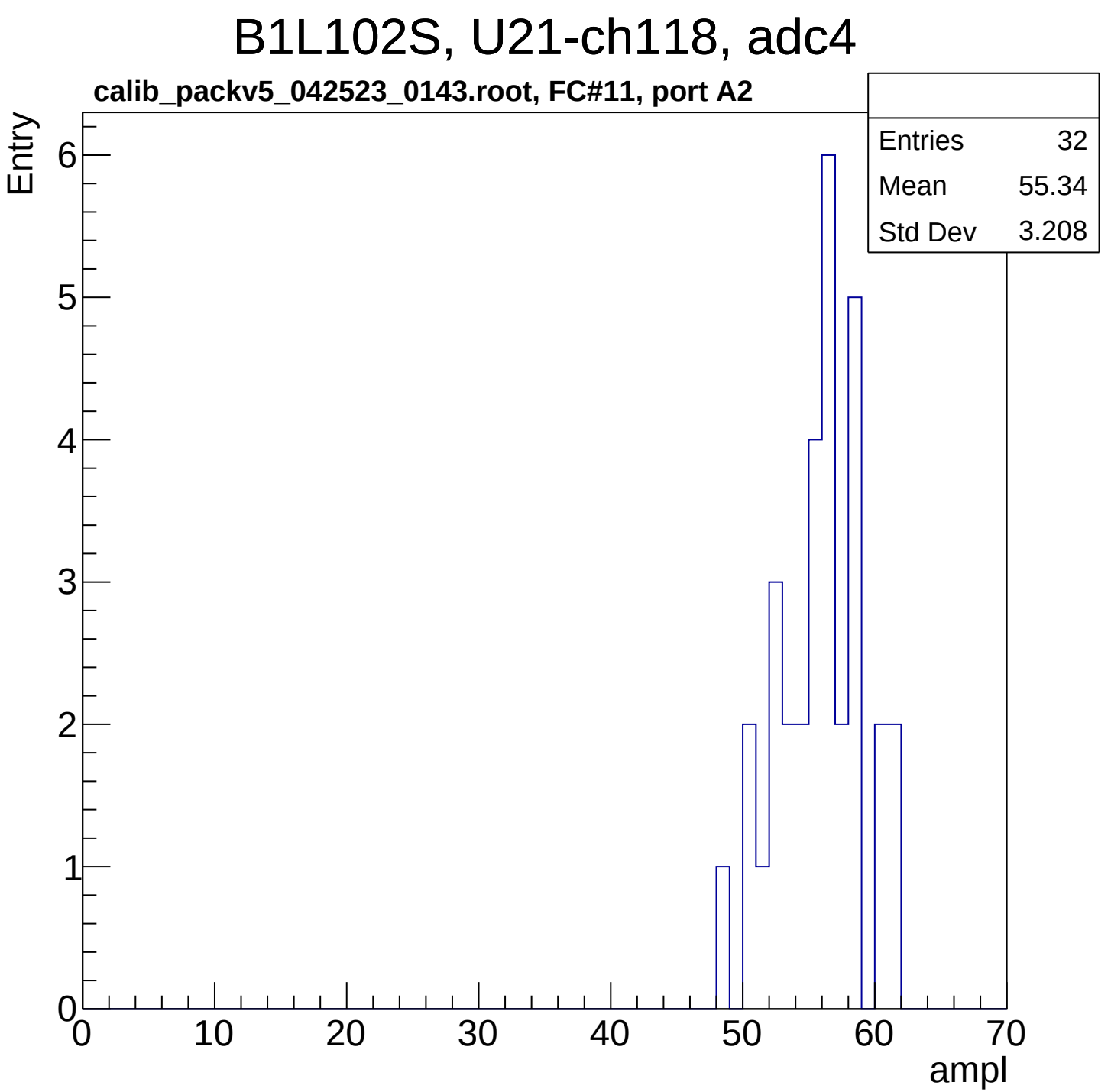
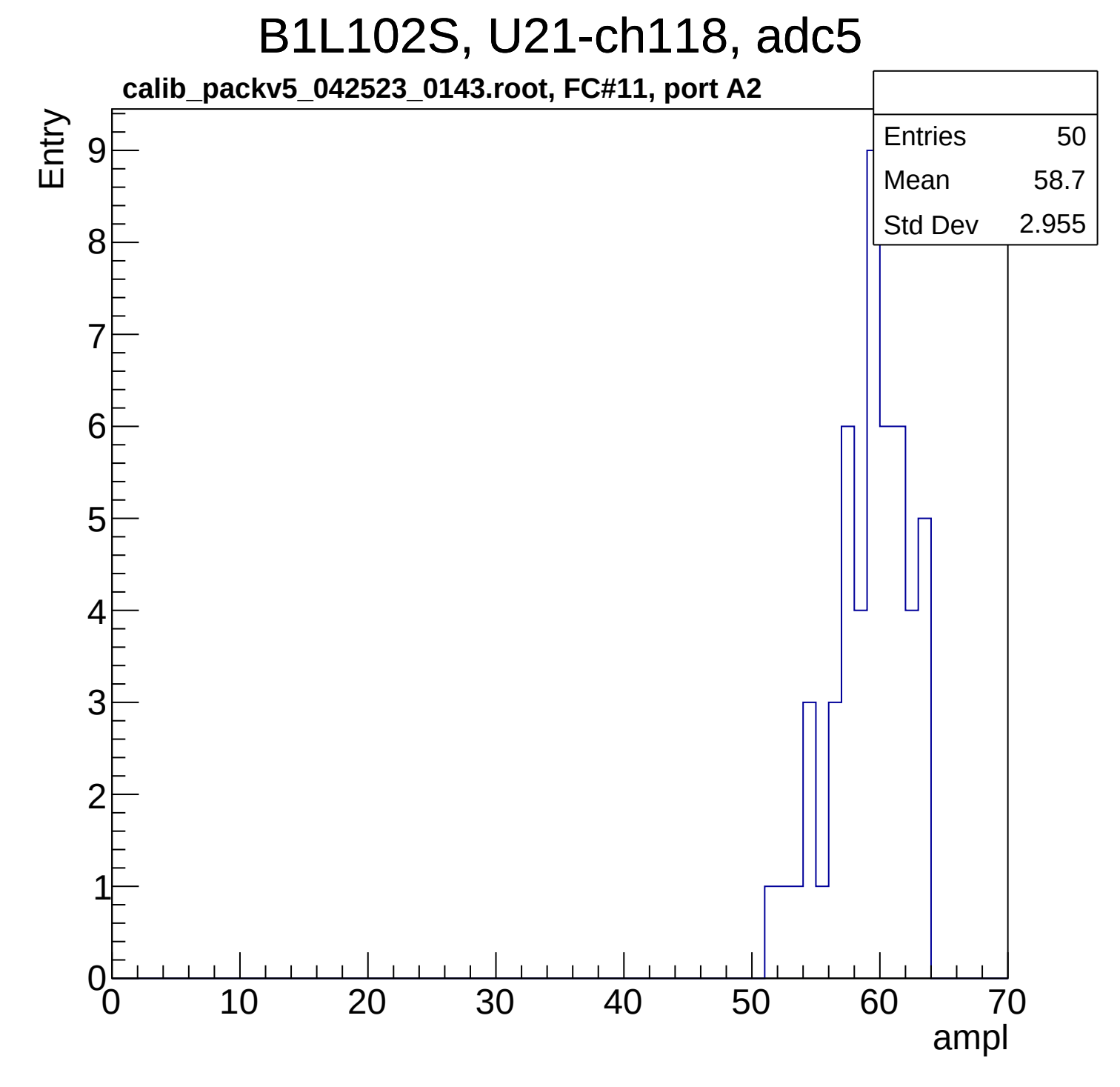
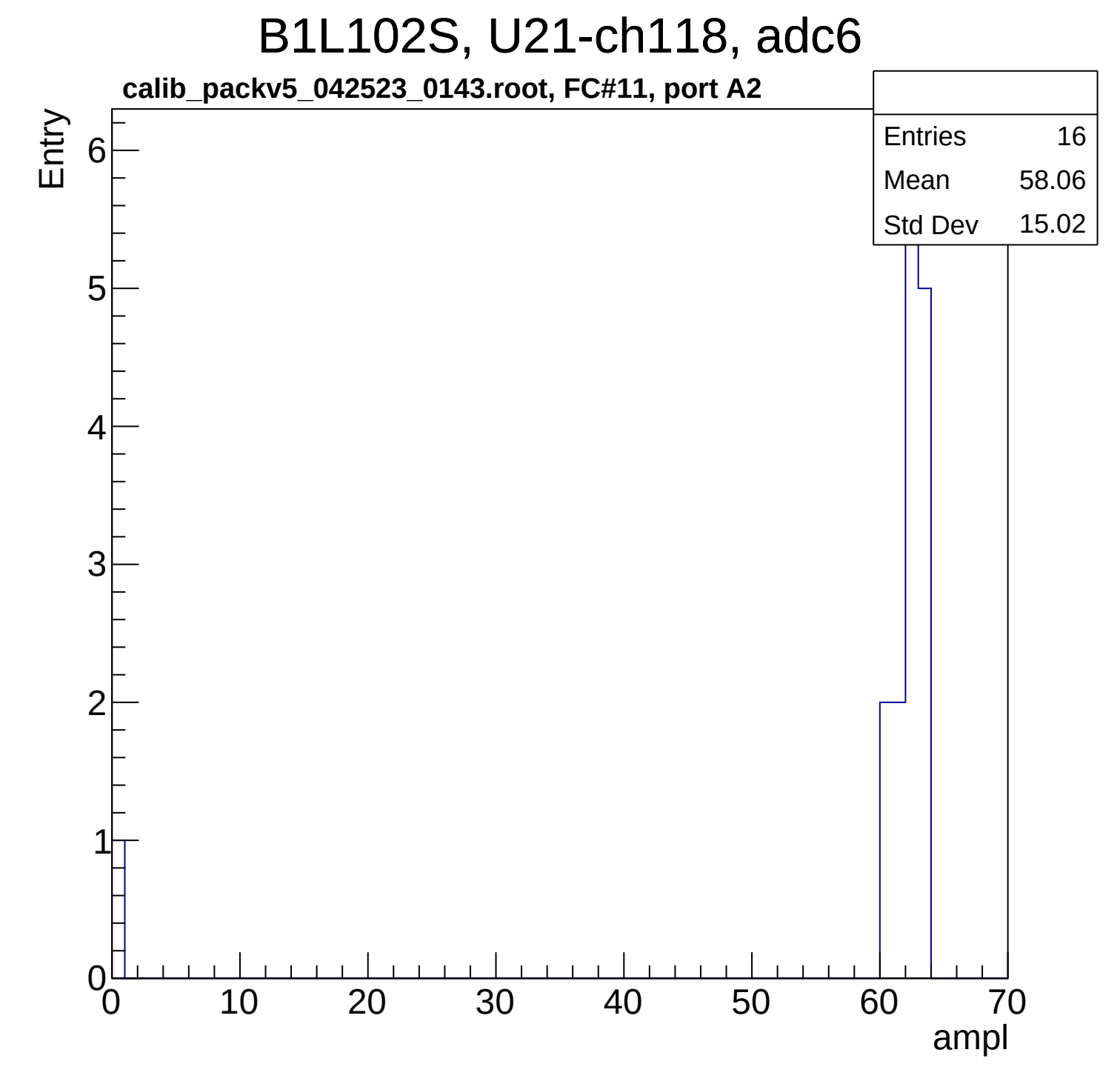
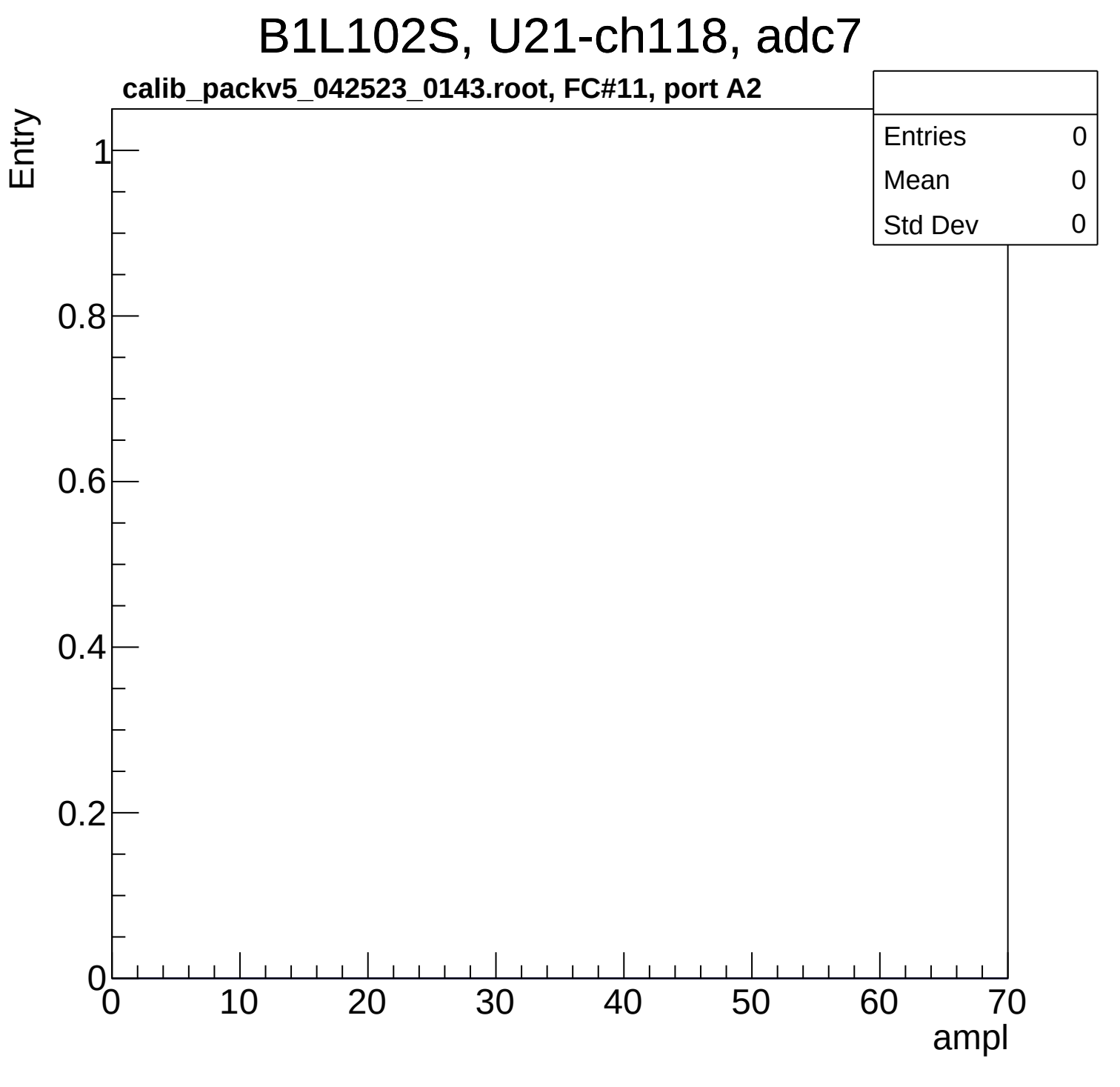

B1L102S, U21-ch118, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 32
Mean 55.34
Std Dev 3.208
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch118, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 50
Mean 58.7
Std Dev 2.955
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch118, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 16
Mean 58.06
Std Dev 15.02
Entry
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch118, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
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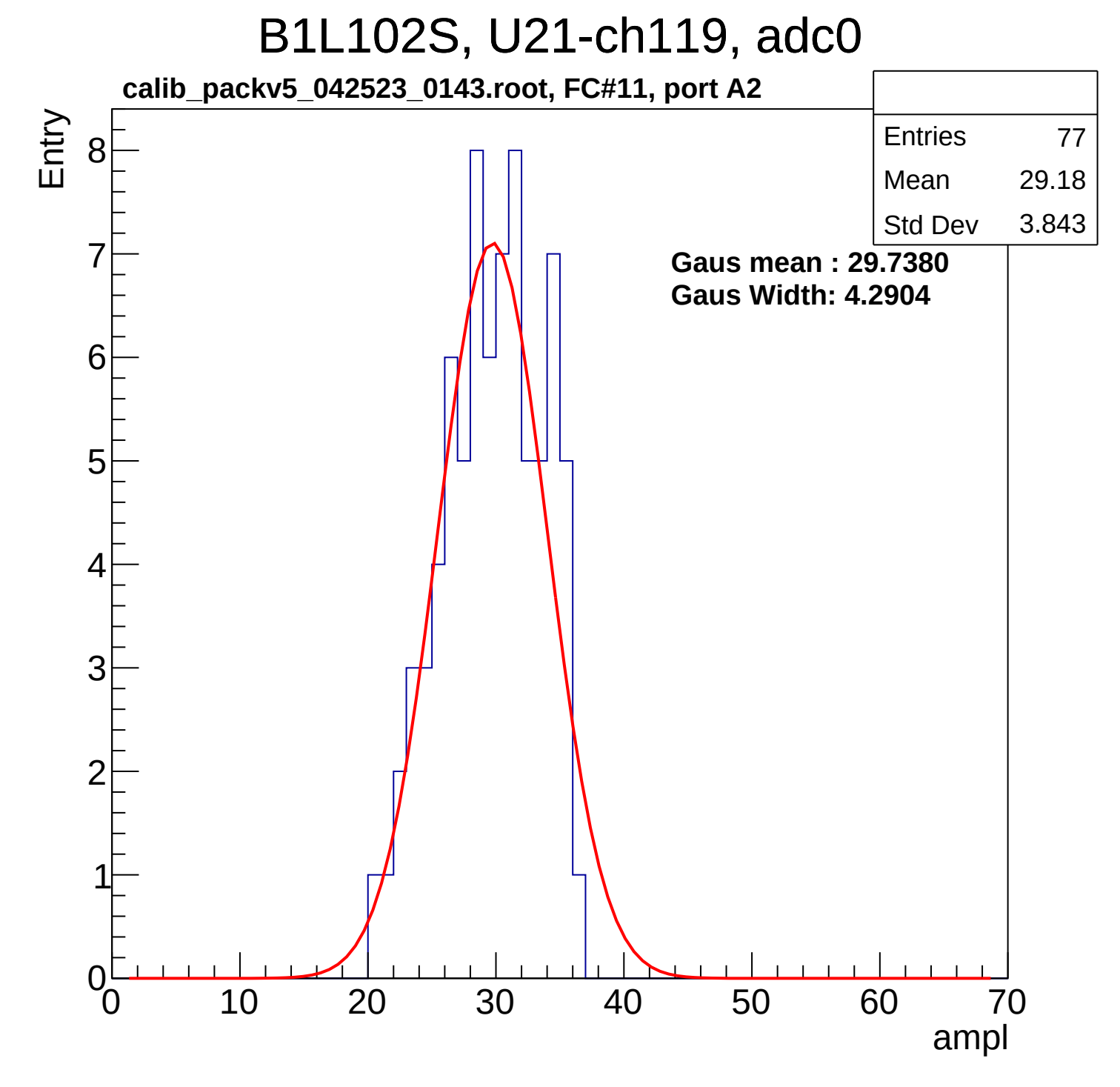
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch119, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 77
Mean 29.18
Std Dev 3.843
Gaus mean : 29.7380
Gaus Width: 4.2904
Entry
ampl
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1
2
3
4
5
6
7
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0
10
20
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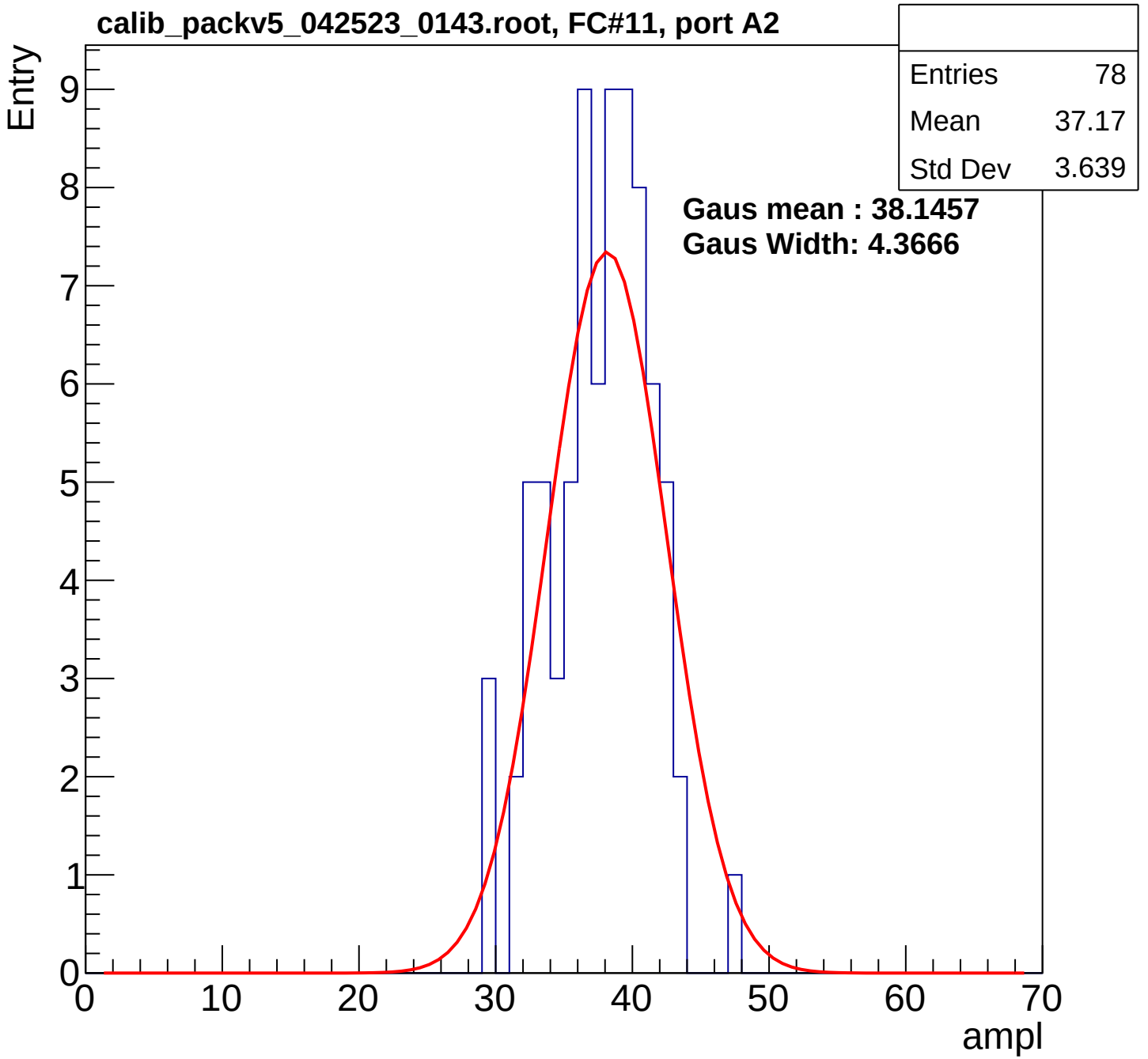
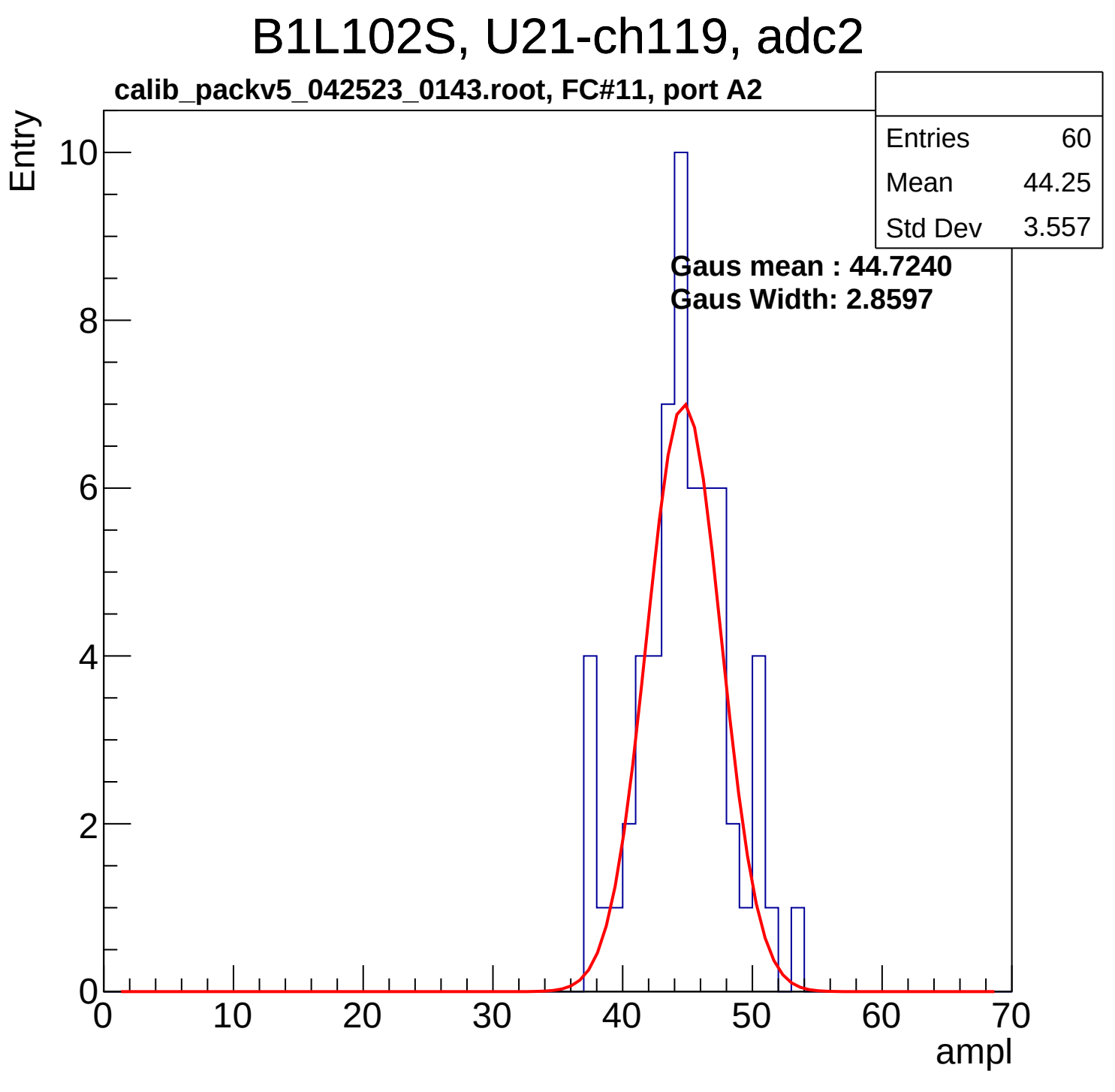

B1L102S, U21-ch119, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 78
Mean 37.17
Std Dev 3.639
Gaus mean : 38.1457
Gaus Width: 4.3666
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch119, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 60
Mean 44.25
Std Dev 3.557
Gaus mean : 44.7240
Gaus Width: 2.8597
Entry
ampl
0
2
4
6
8
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40
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60
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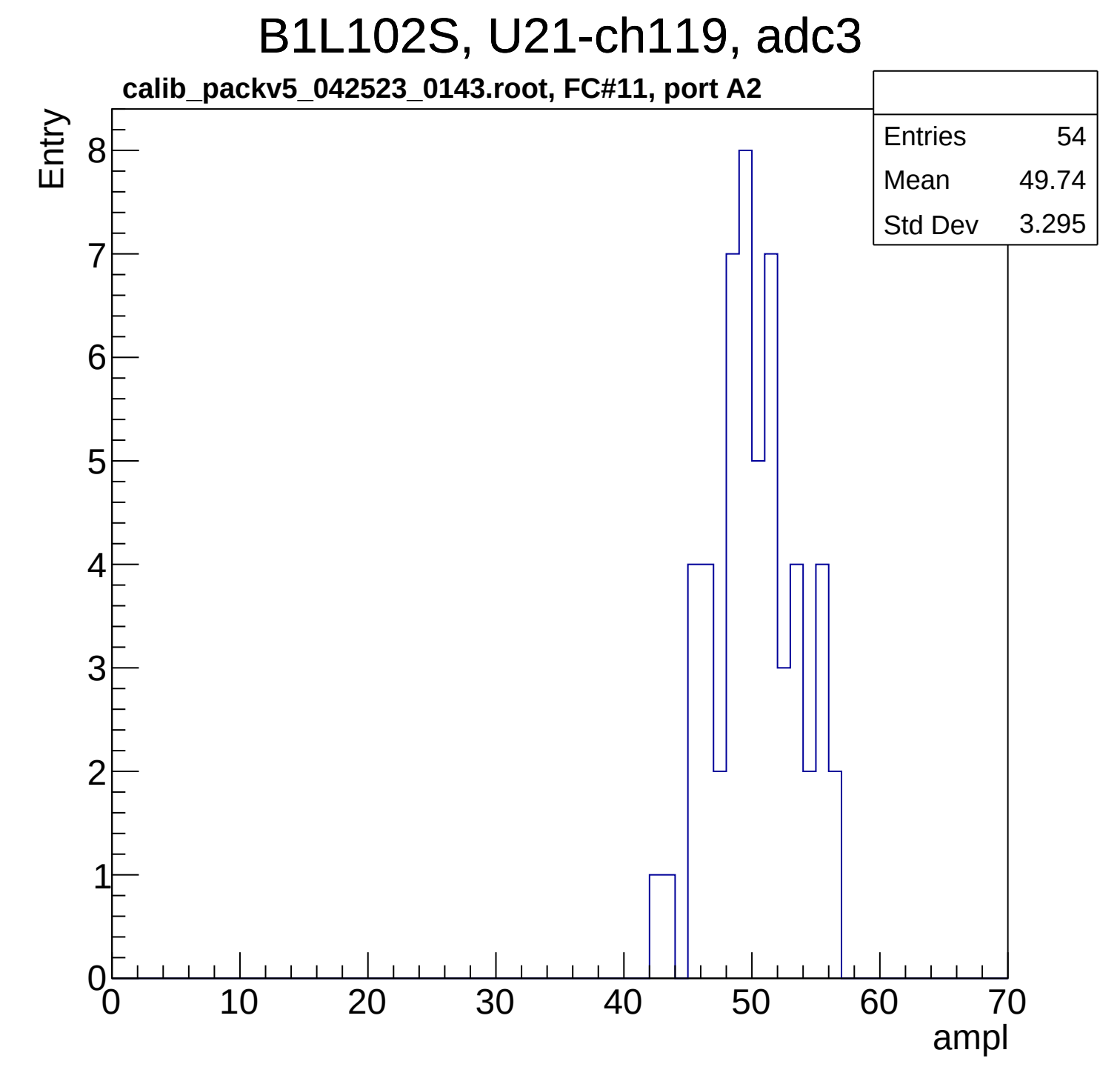
B1L102S, U21-ch119, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 49.74
Std Dev 3.295
Entry
ampl
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1
2
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4
5
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0
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40
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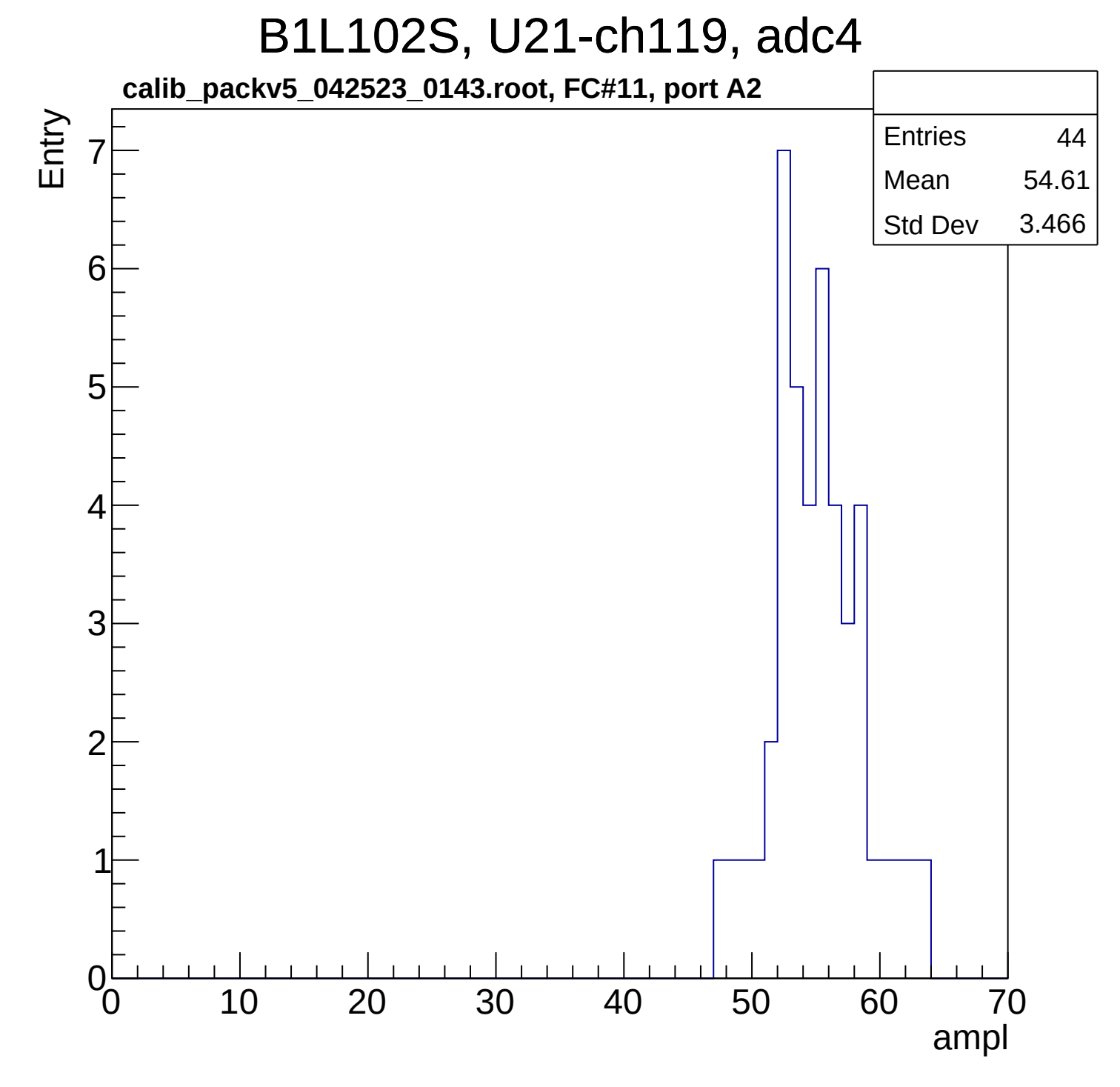
B1L102S, U21-ch119, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 44
Mean 54.61
Std Dev 3.466
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
30
40
50
60
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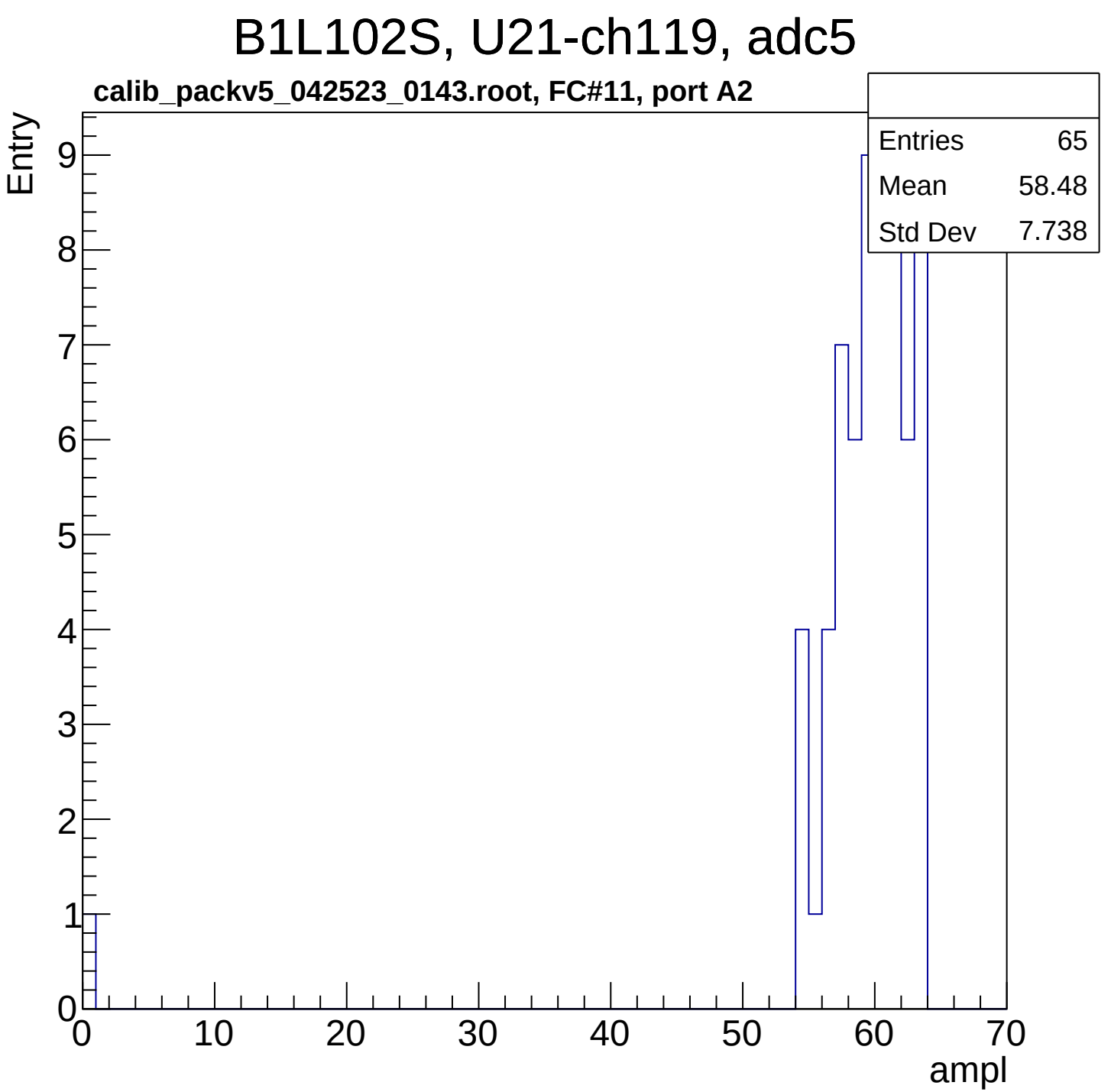
B1L102S, U21-ch119, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 58.48
Std Dev 7.738
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
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20
30
40
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60
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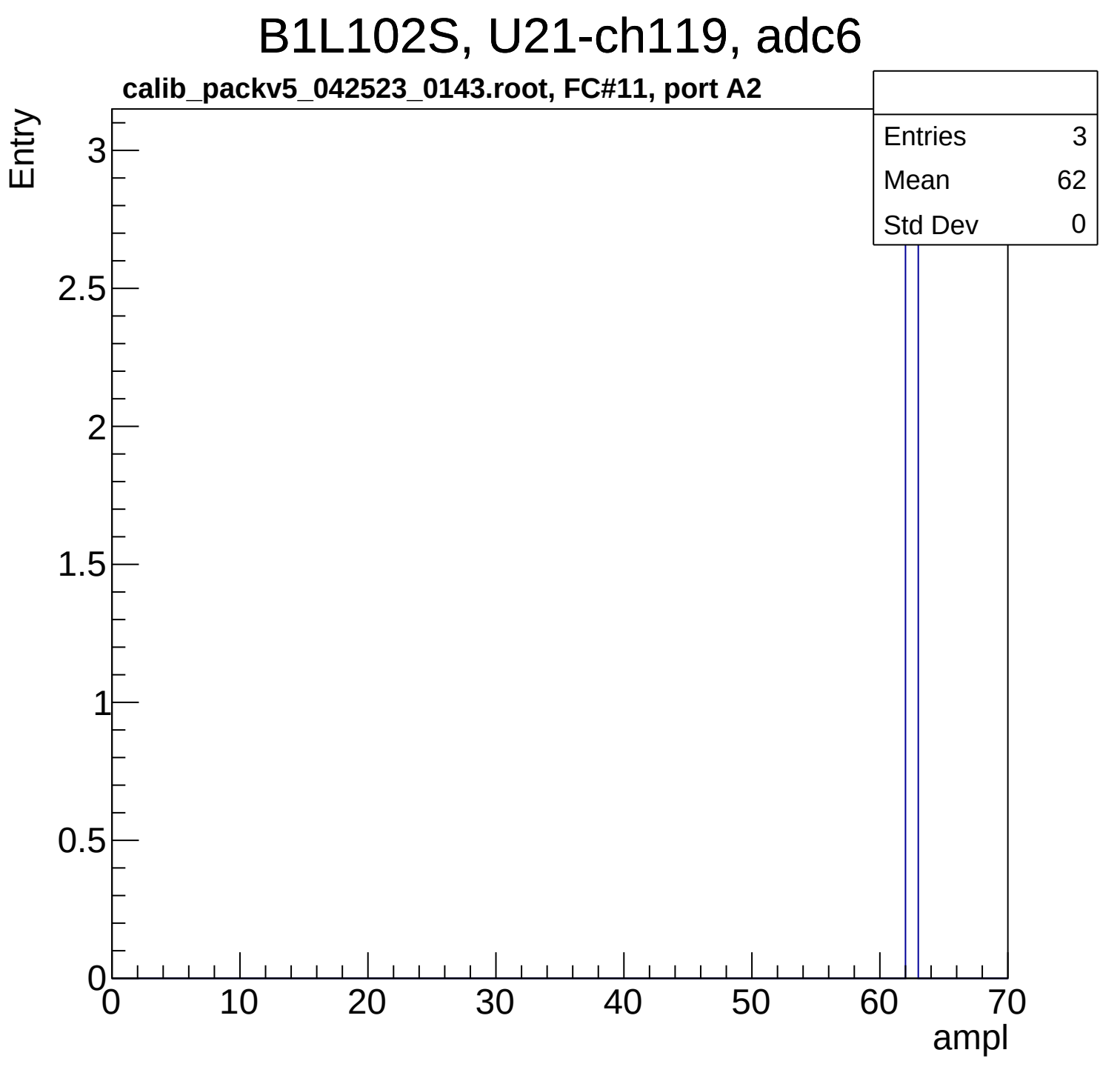
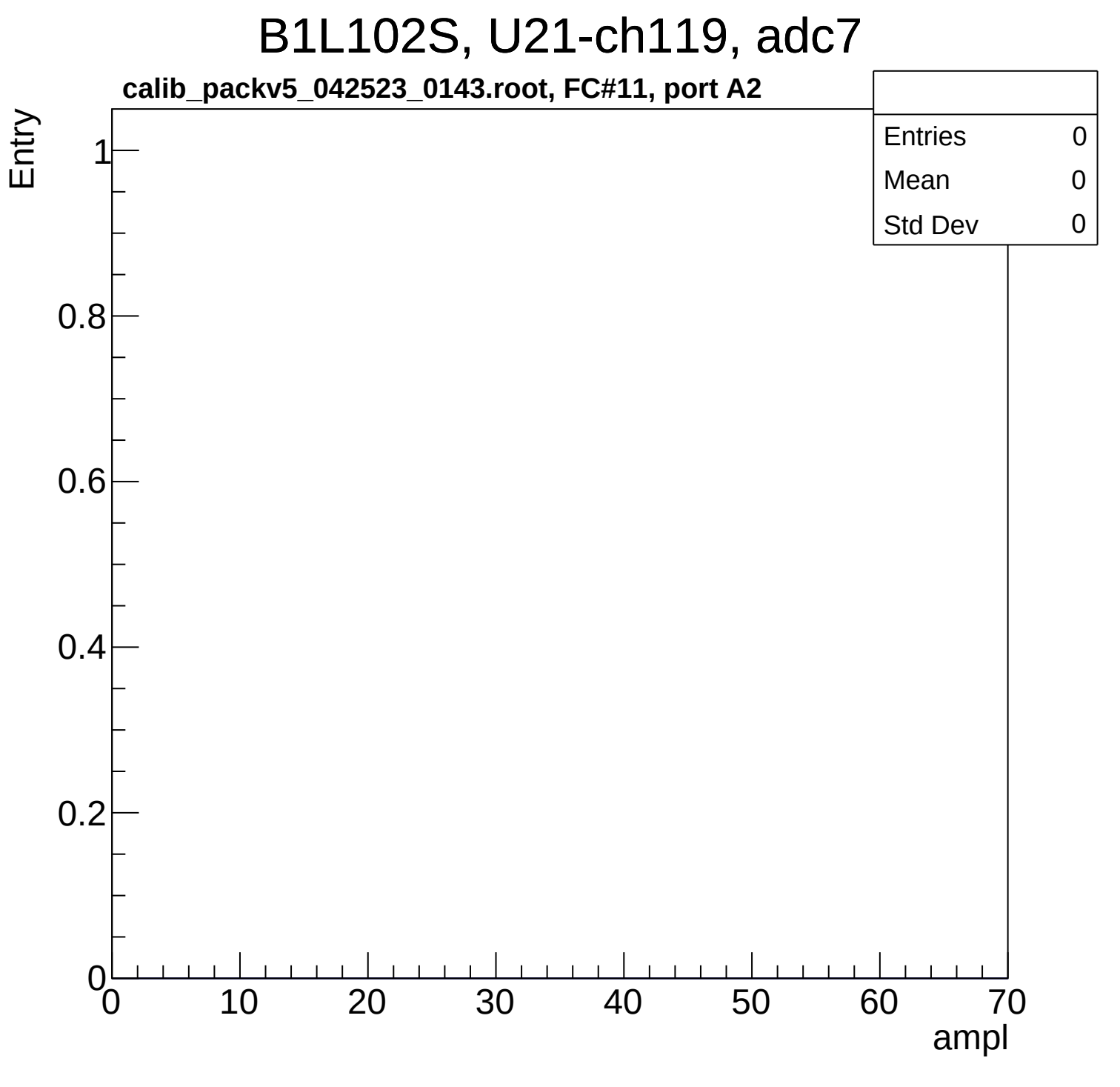
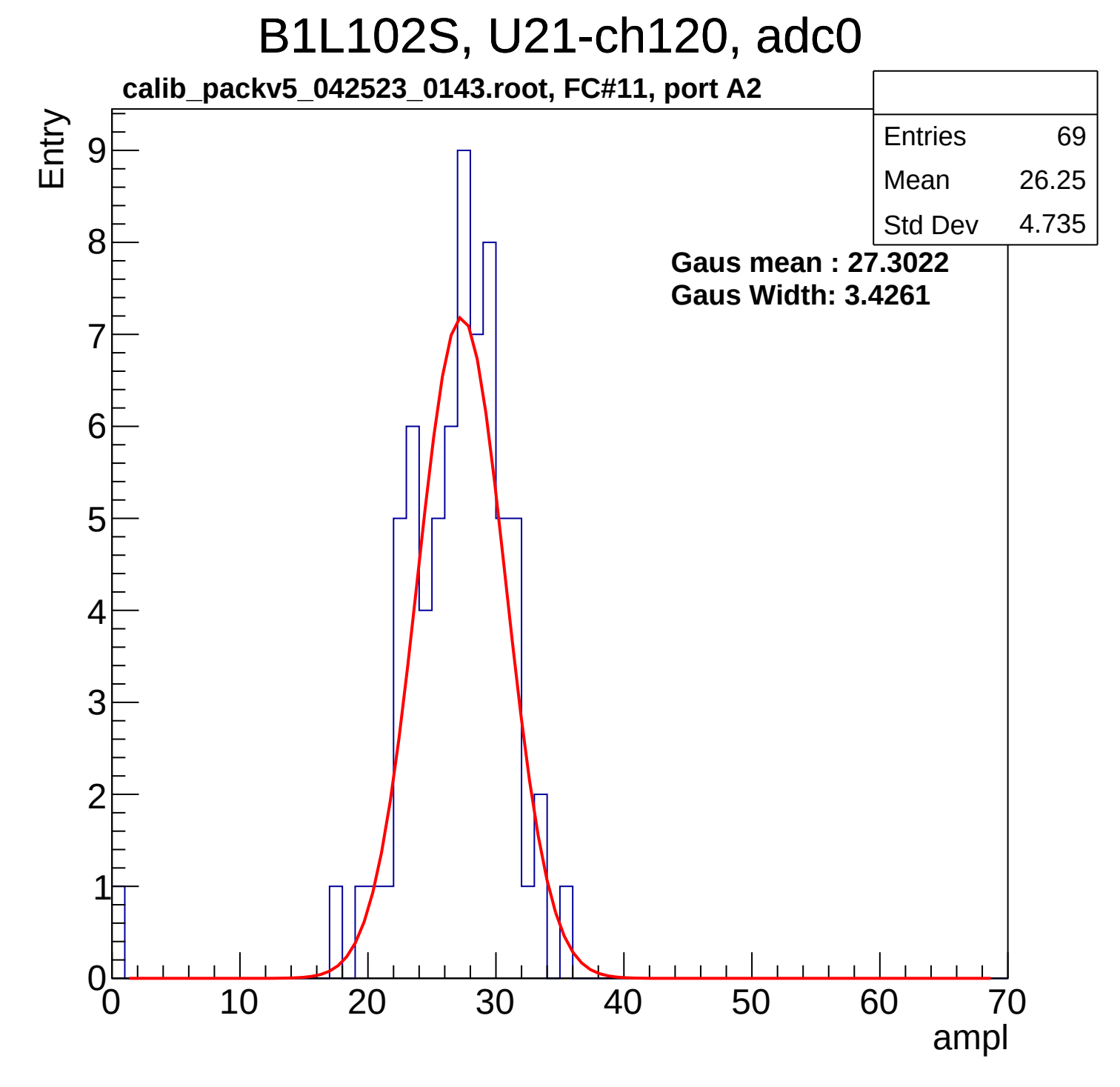
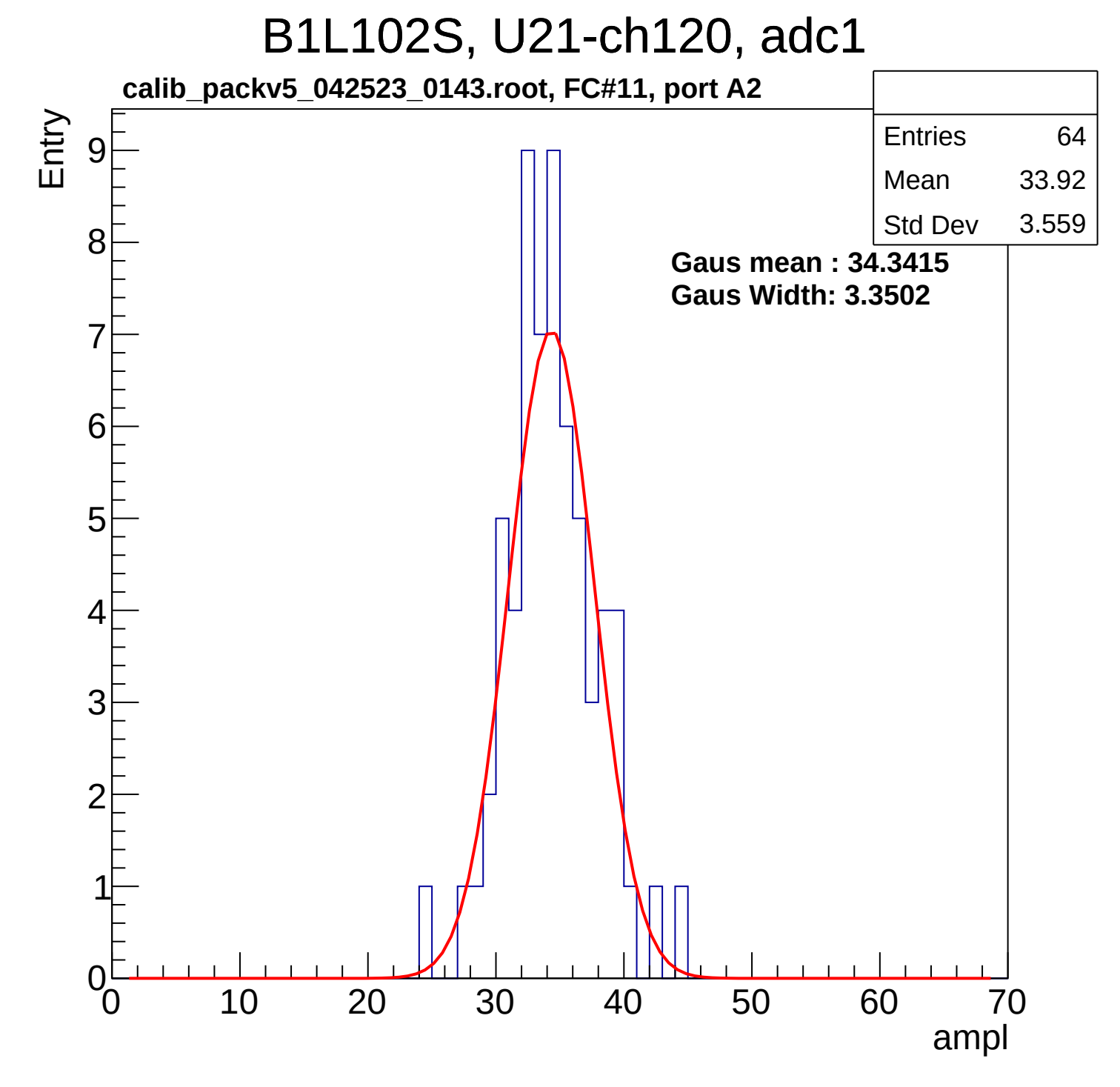
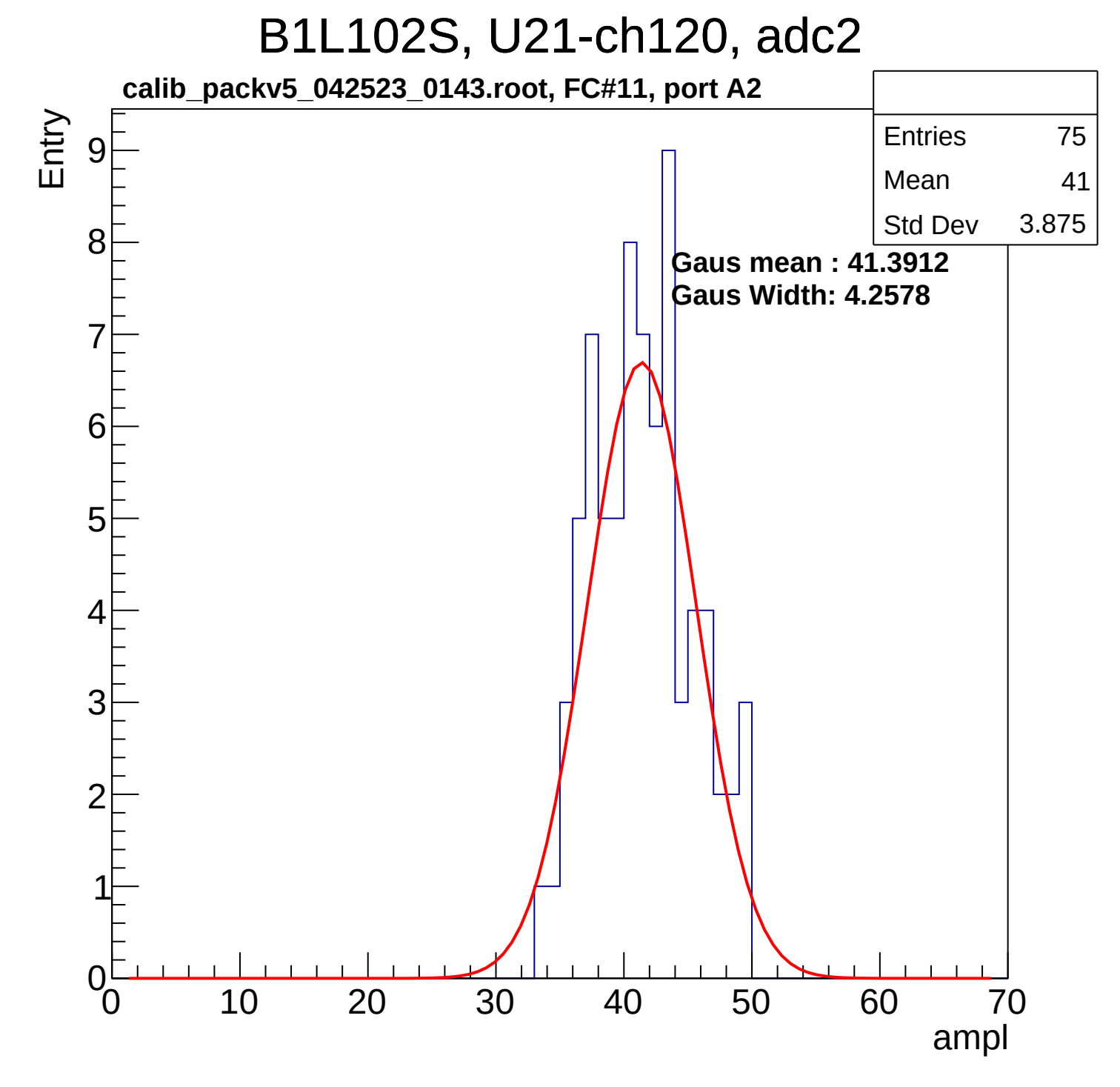
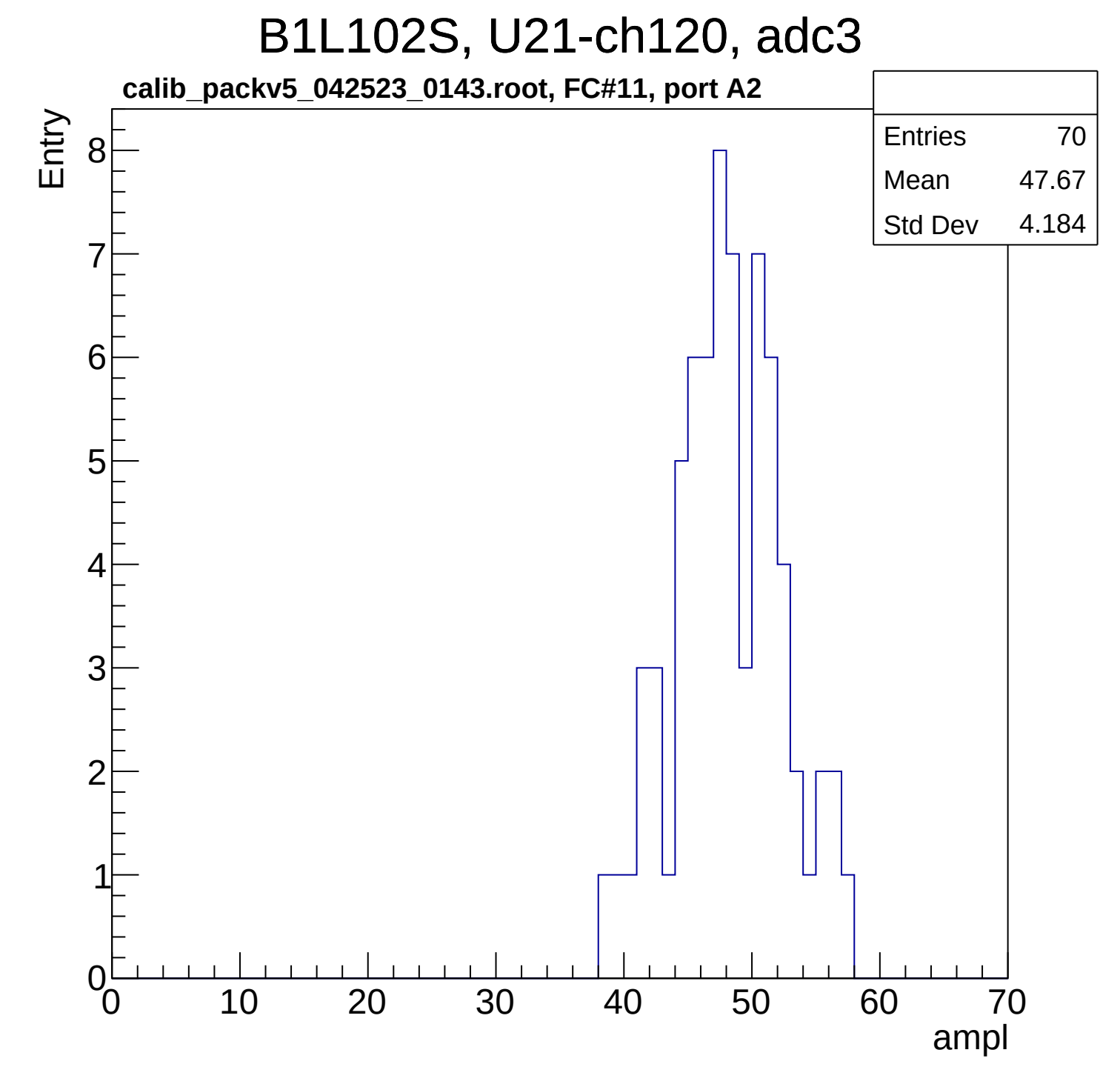

B1L102S, U21-ch119, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 62
Std Dev 0
Entry
ampl
0
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

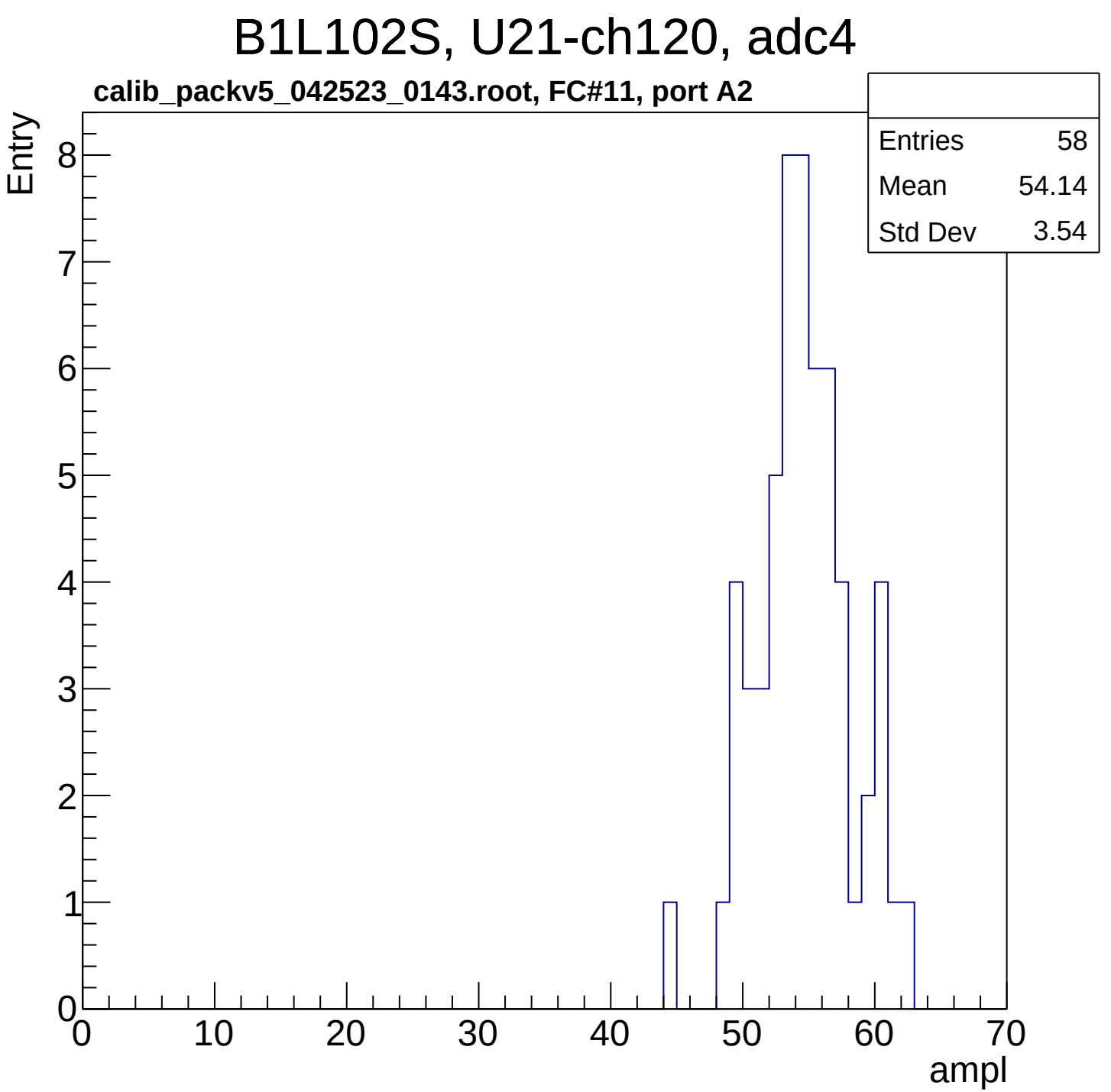

B1L102S, U21-ch119, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 0
Mean 0
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl

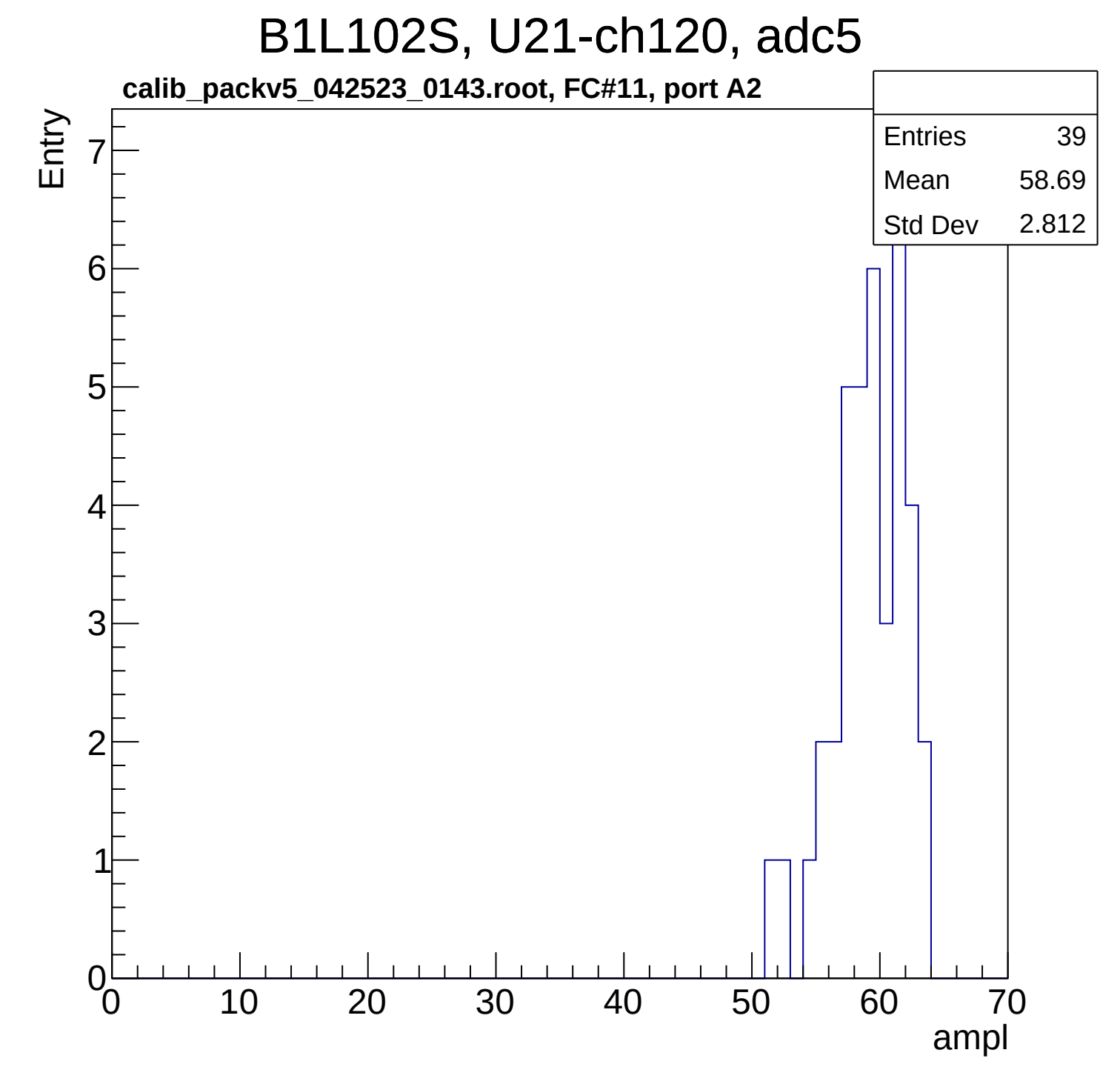

B1L102S, U21-ch120, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 26.25
Std Dev 4.735
Gaus mean : 27.3022
Gaus Width: 3.4261
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch120, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 64
Mean 33.92
Std Dev 3.559
Gaus mean : 34.3415
Gaus Width: 3.3502
Entry
ampl
0
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9


B1L102S, U21-ch120, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 41
Std Dev 3.875
Gaus mean : 41.3912
Gaus Width: 4.2578
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch120, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 47.67
Std Dev 4.184
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch120, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 54.14
Std Dev 3.54
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch120, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 39
Mean 58.69
Std Dev 2.812
Entry
ampl
0
1
2
3
4
5
6
7
0
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20
30
40
50
60
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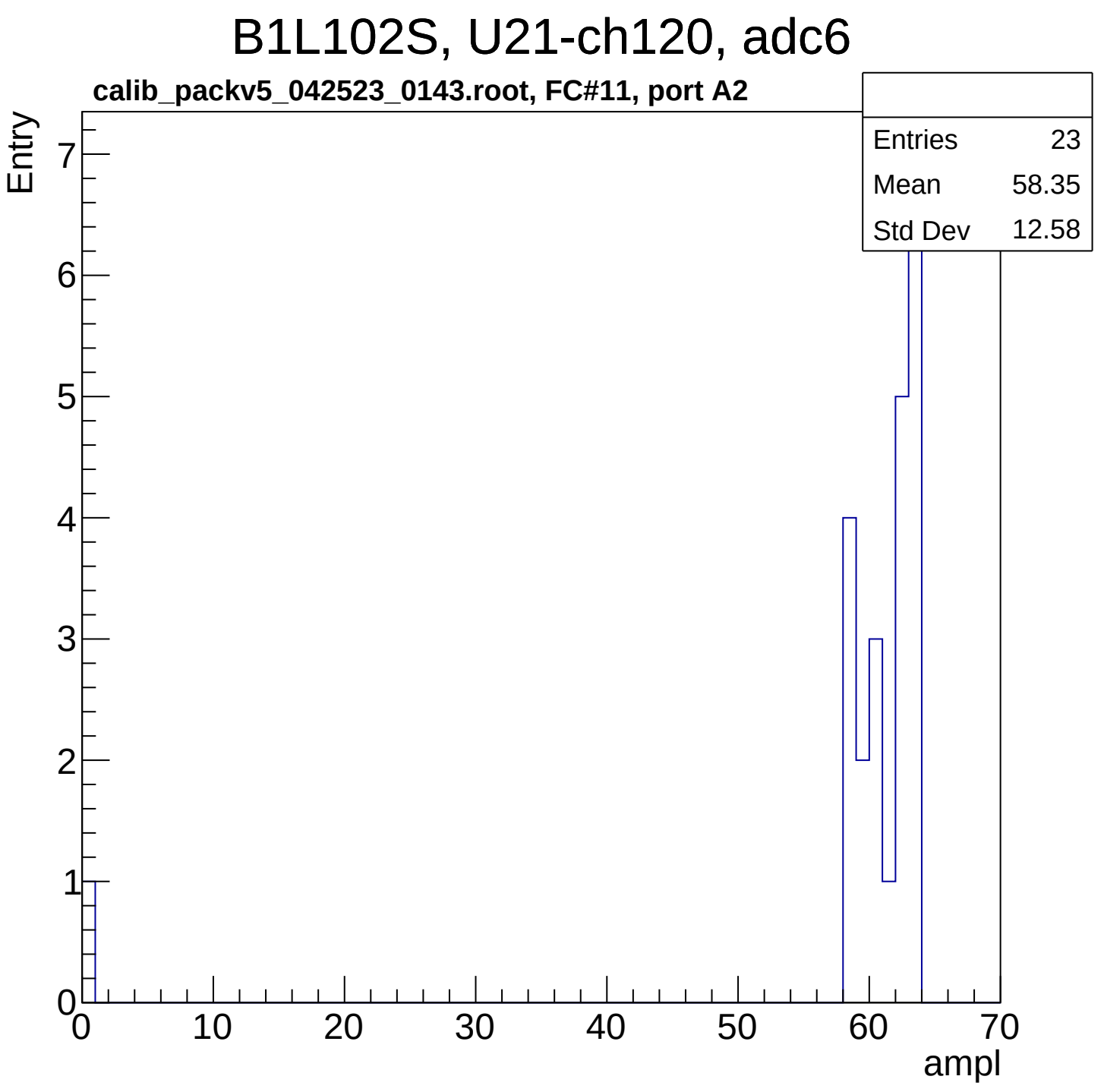
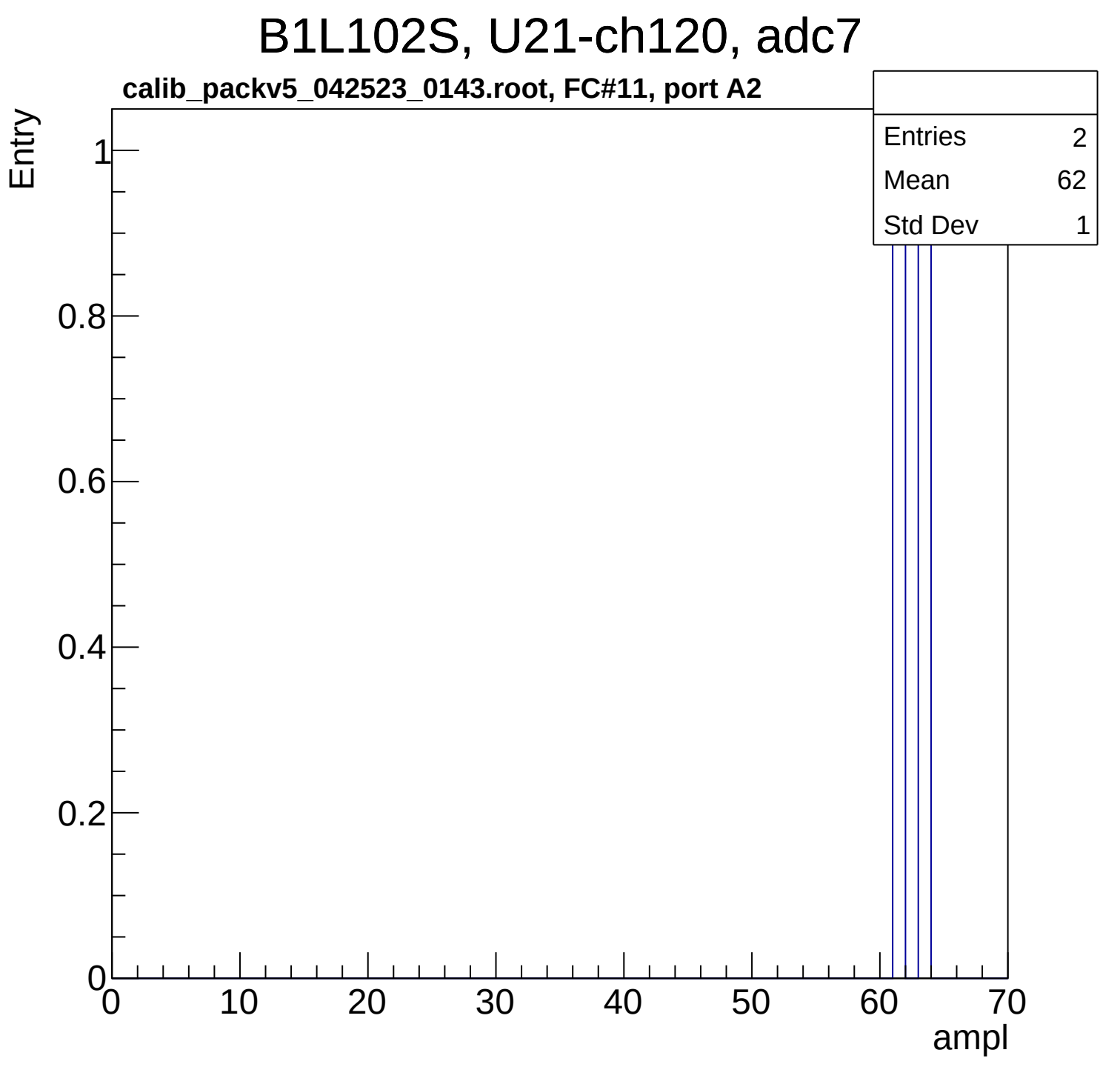
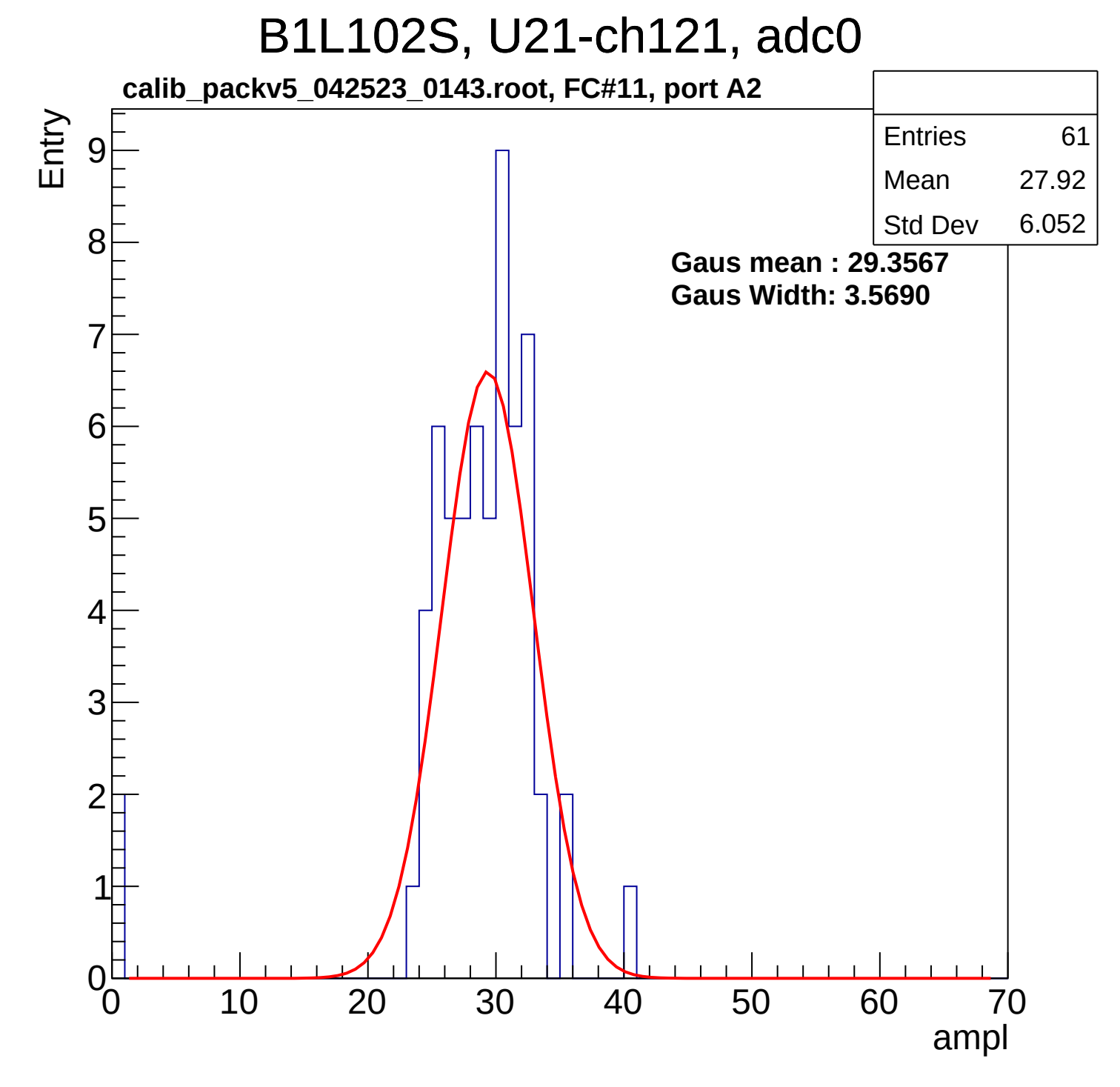
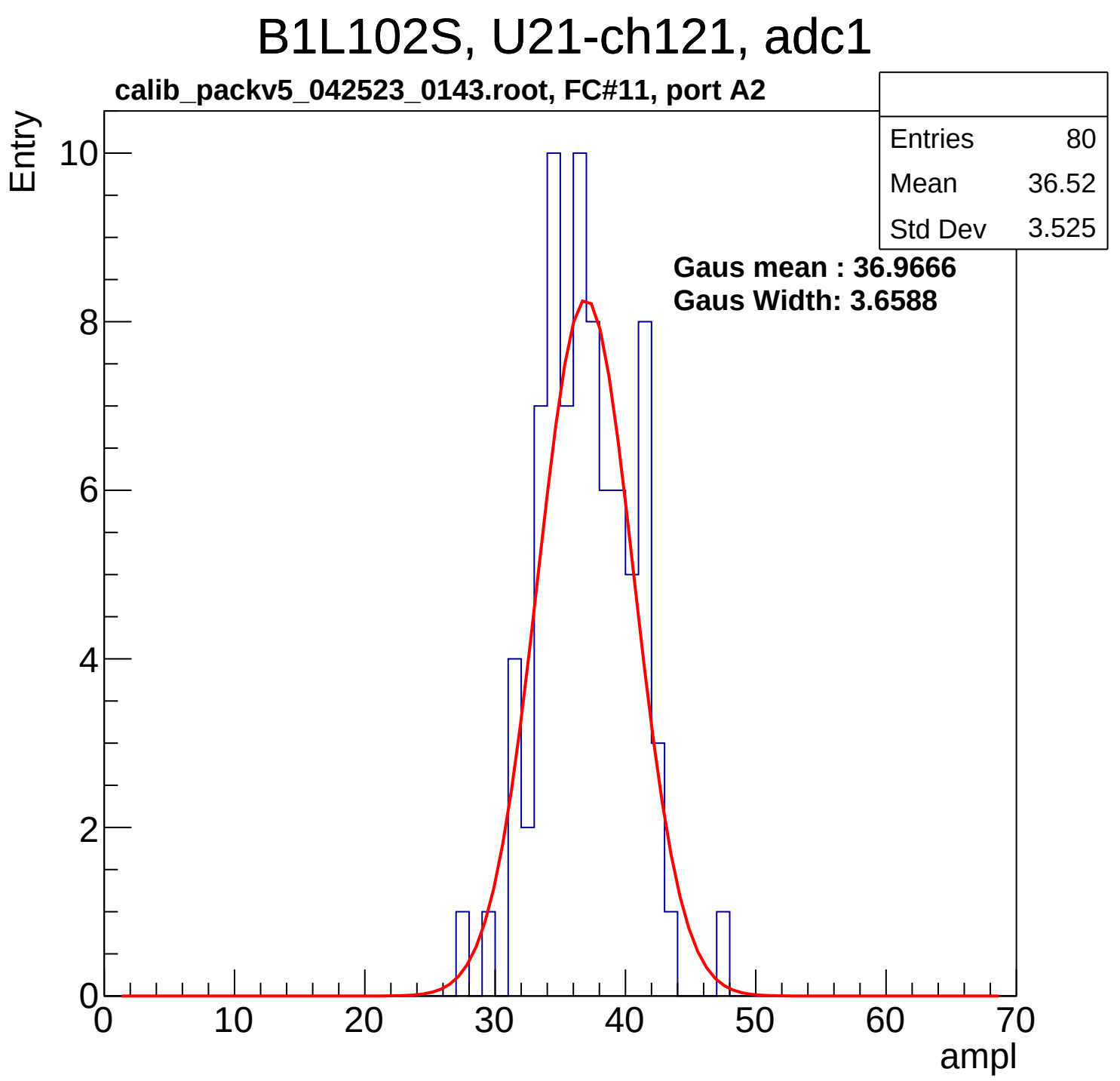
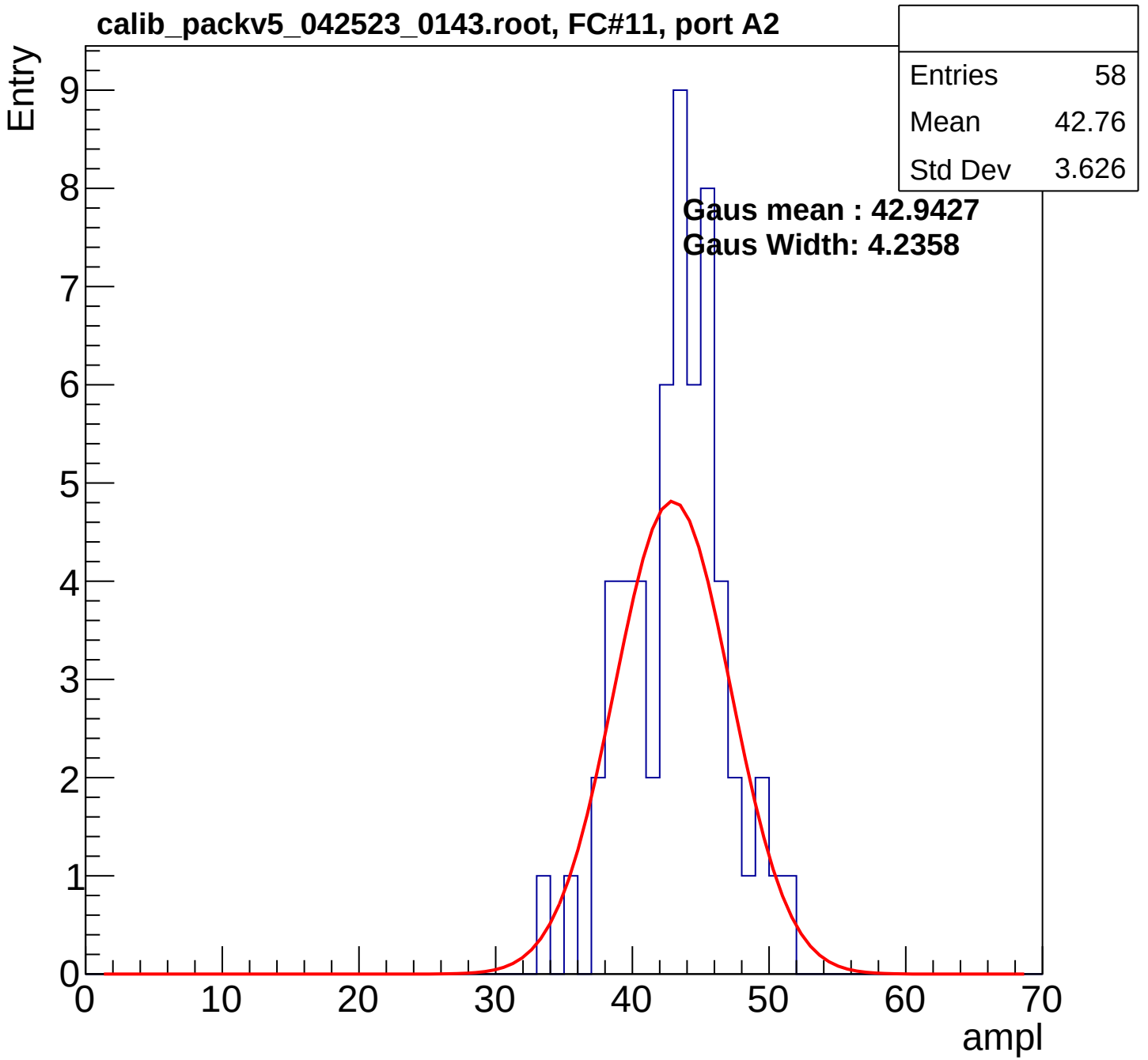
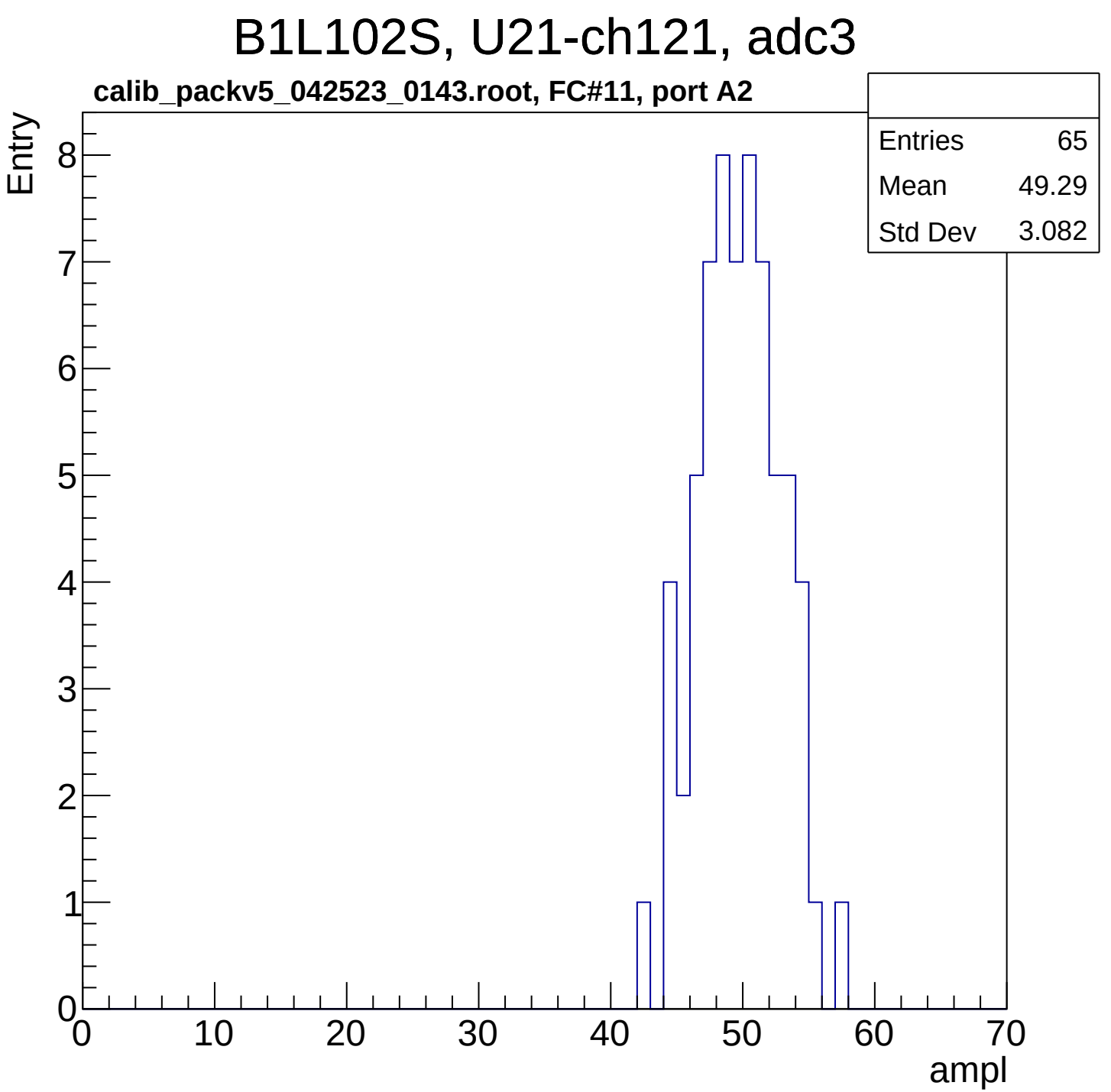

B1L102S, U21-ch120, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 23
Mean 58.35
Std Dev 12.58
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch120, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 62
Std Dev 1
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L102S, U21-ch121, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 27.92
Std Dev 6.052
Gaus mean : 29.3567
Gaus Width: 3.5690
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch121, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 80
Mean 36.52
Std Dev 3.525
Gaus mean : 36.9666
Gaus Width: 3.6588
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch121, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 42.76
Std Dev 3.626
Gaus mean : 42.9427
Gaus Width: 4.2358
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch121, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 49.29
Std Dev 3.082
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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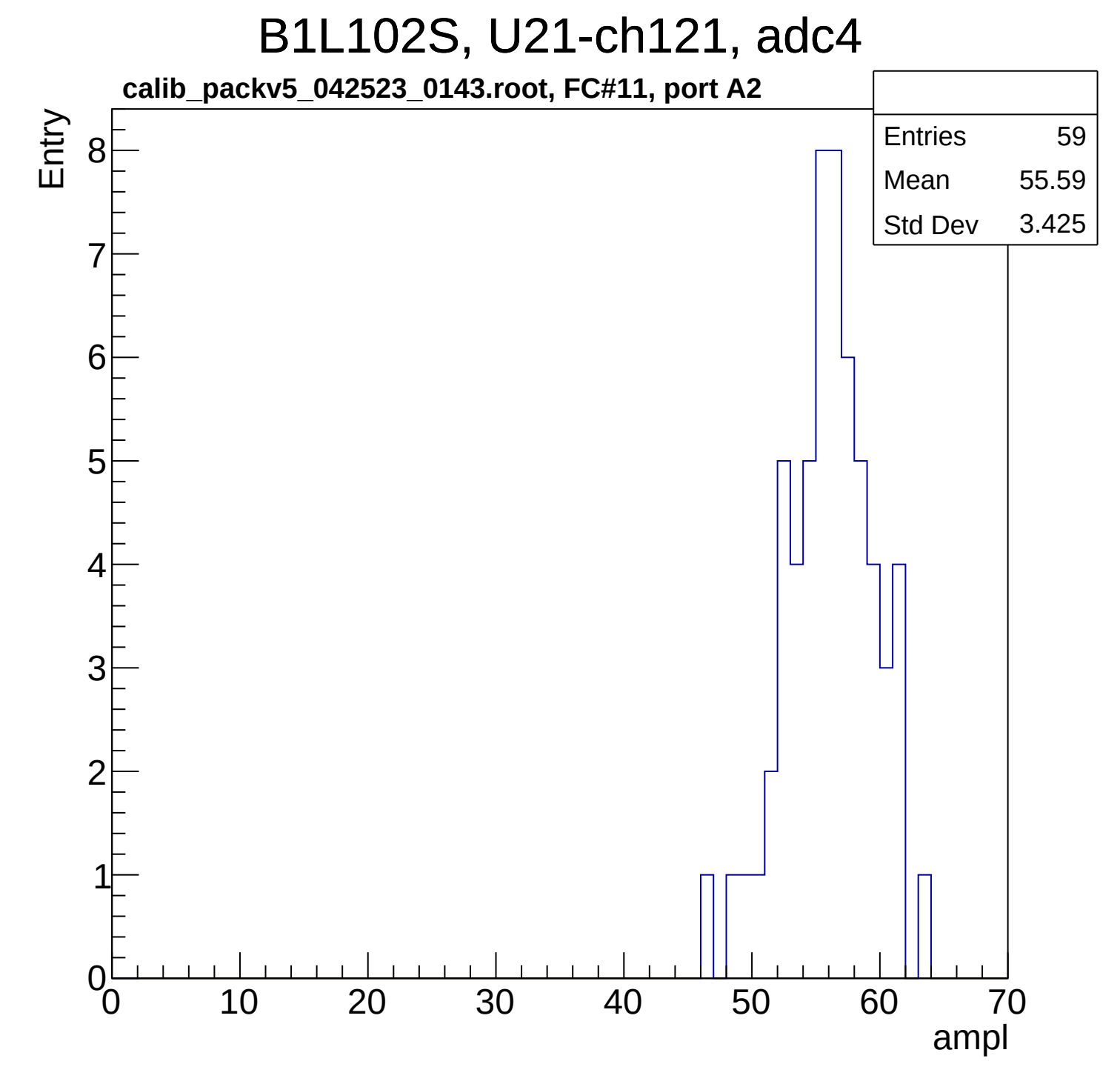
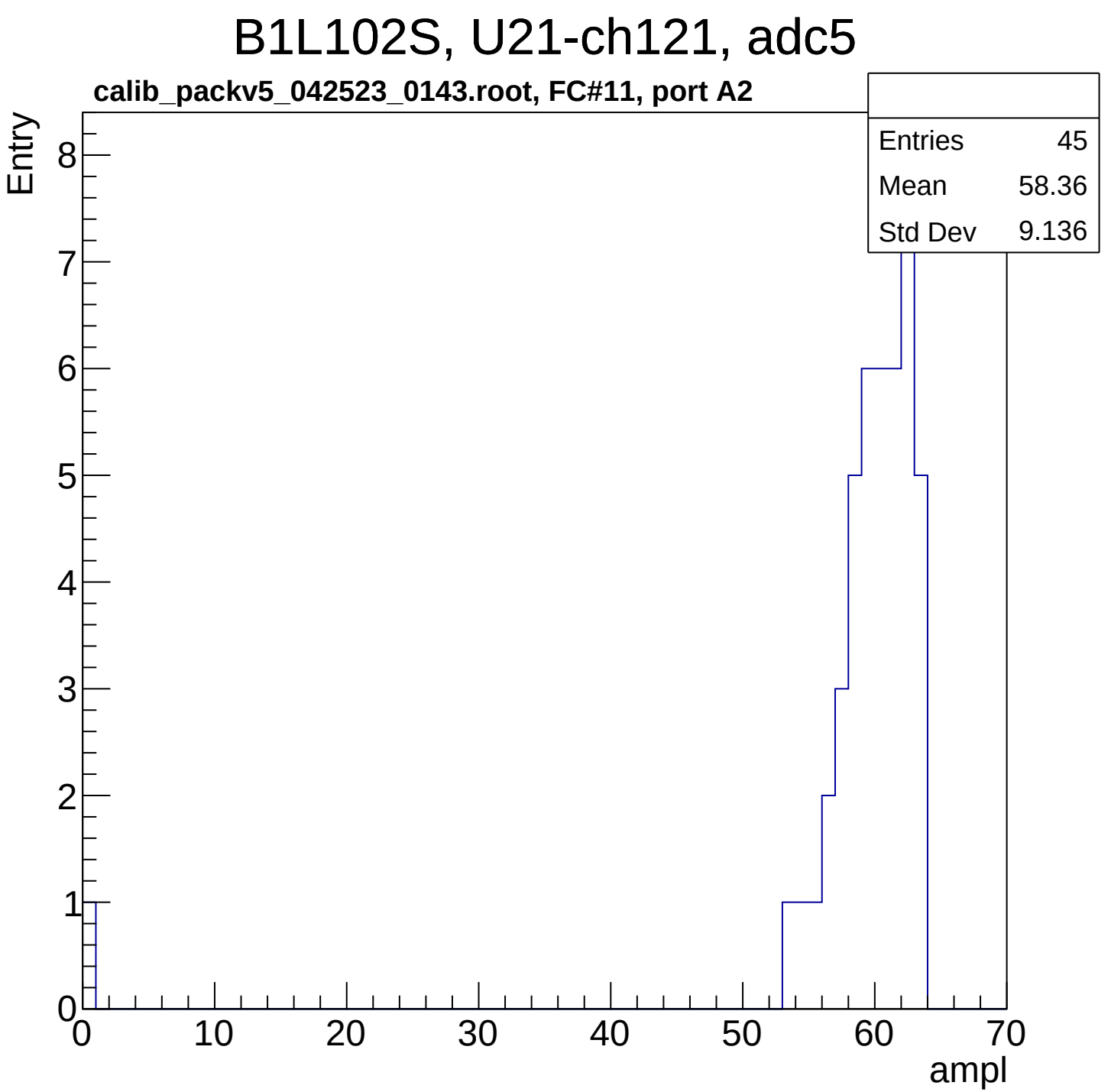

B1L102S, U21-ch121, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 55.59
Std Dev 3.425
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch121, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 45
Mean 58.36
Std Dev 9.136
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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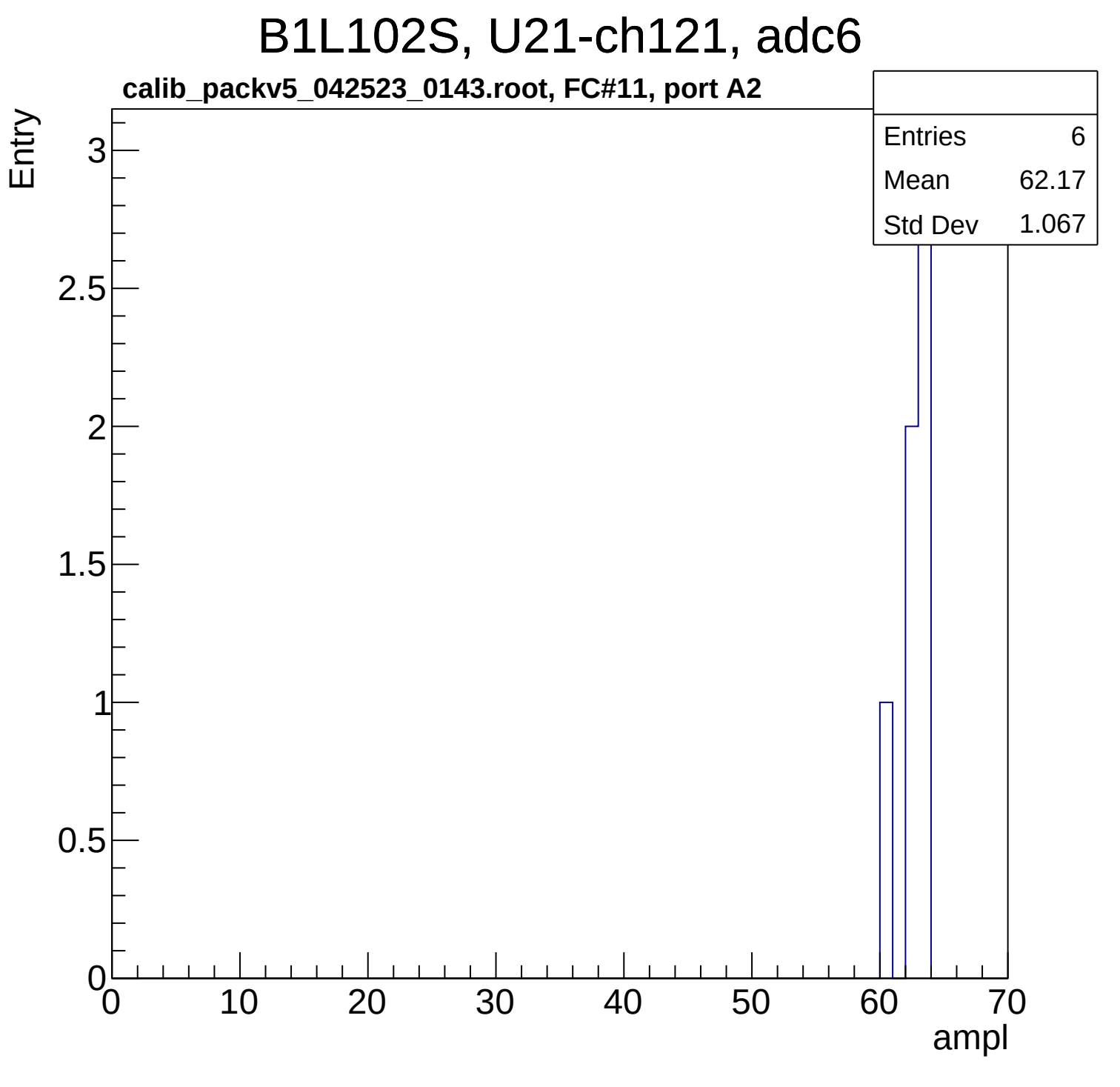
60
70


B1L102S, U21-ch121, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 6
Mean 62.17
Std Dev 1.067
Entry
ampl
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0.5
1
1.5
2
2.5
3
0
10
20
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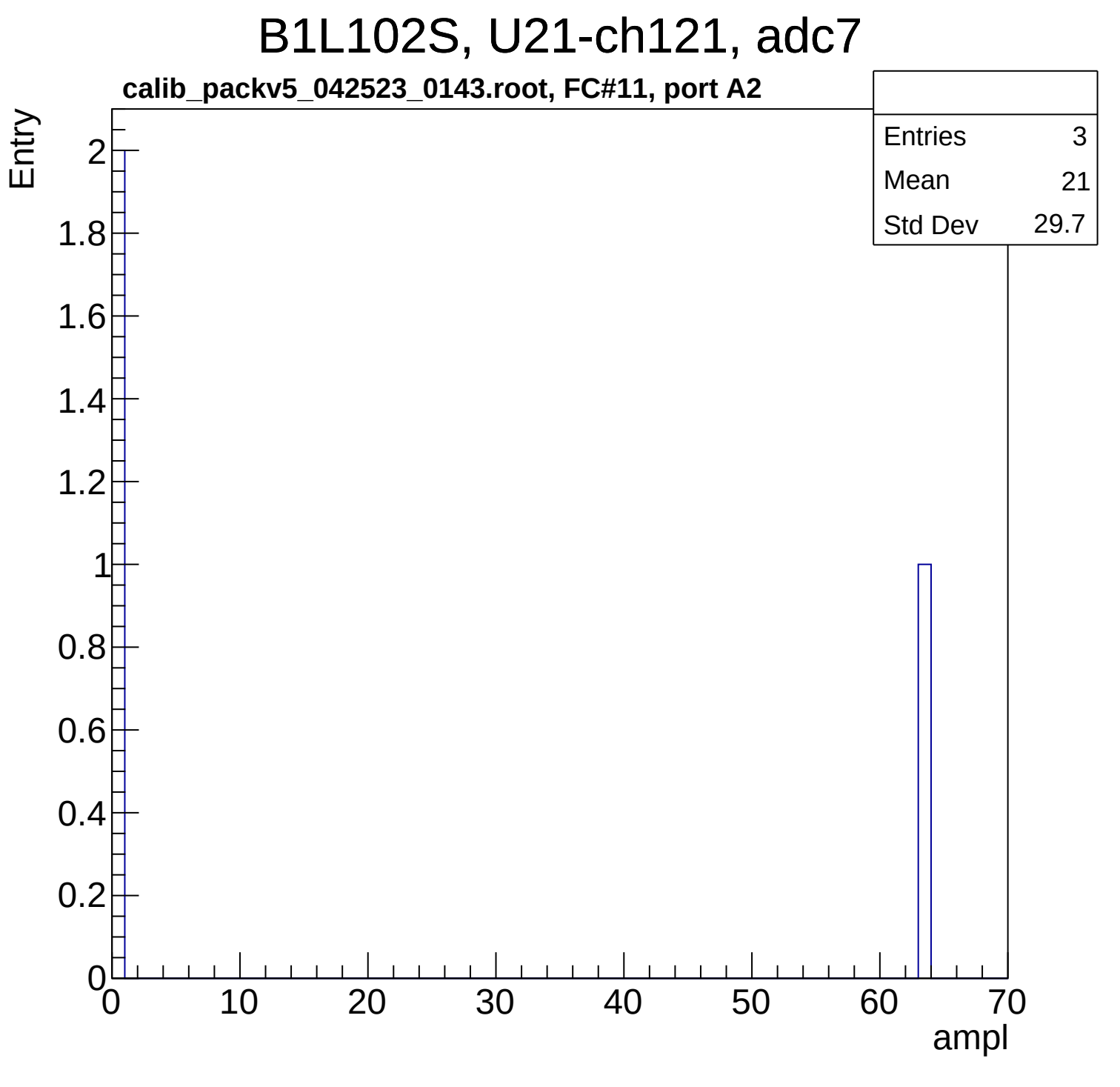
40
50
60
70


B1L102S, U21-ch121, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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
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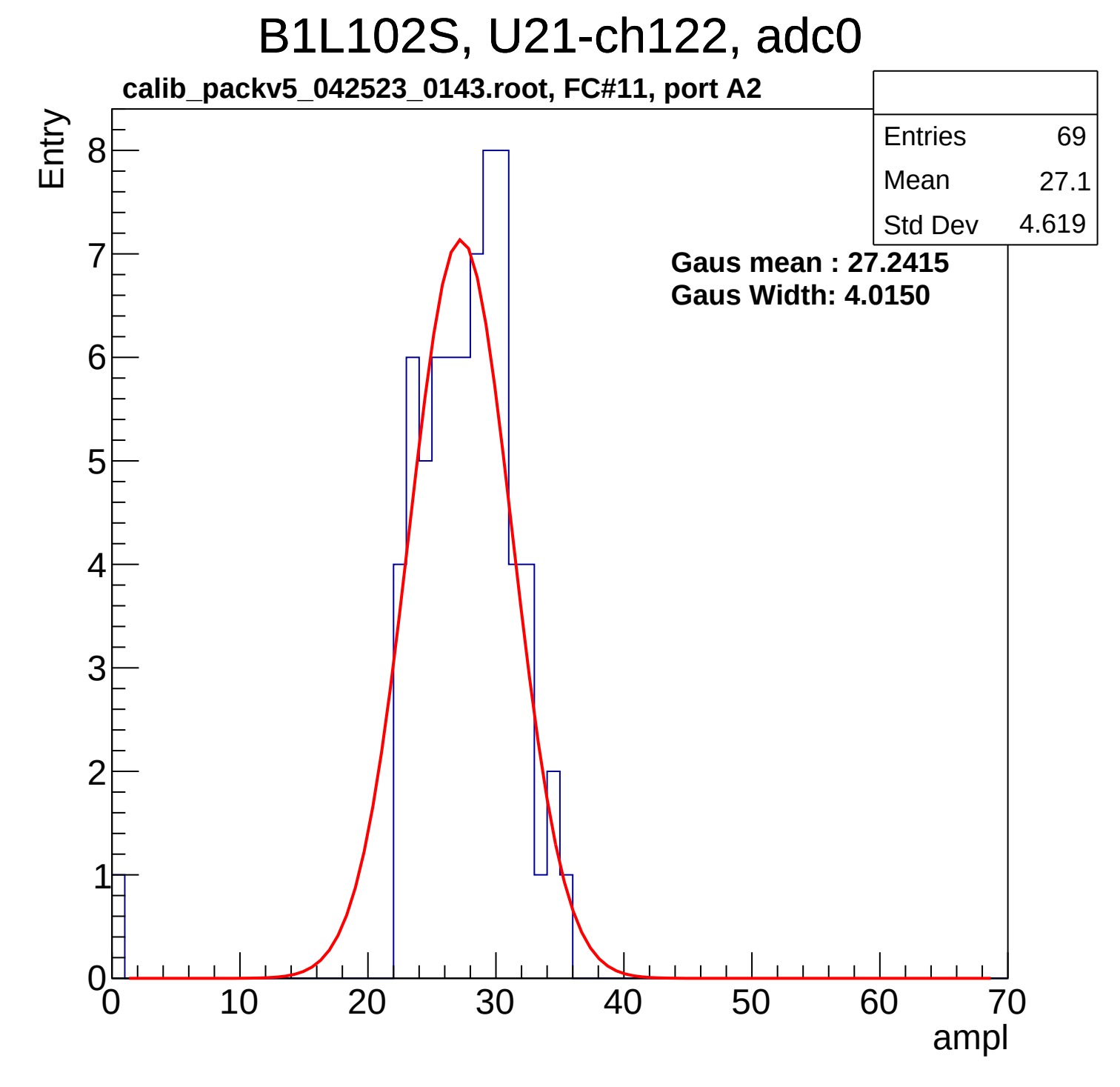
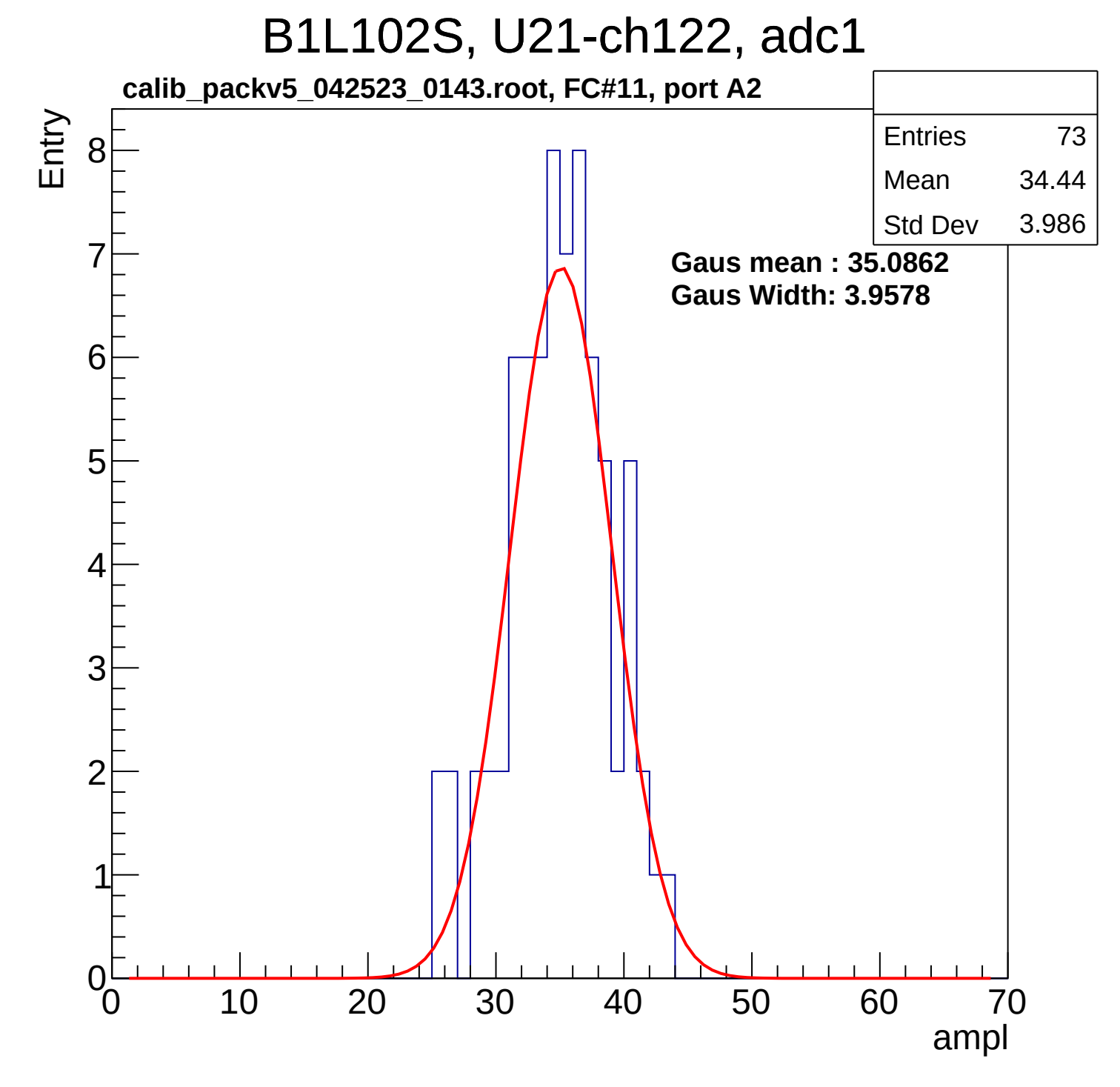
40
50
60
70


B1L102S, U21-ch122, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 27.1
Std Dev 4.619
Gaus mean : 27.2415
Gaus Width: 4.0150
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch122, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 34.44
Std Dev 3.986
Gaus mean : 35.0862
Gaus Width: 3.9578
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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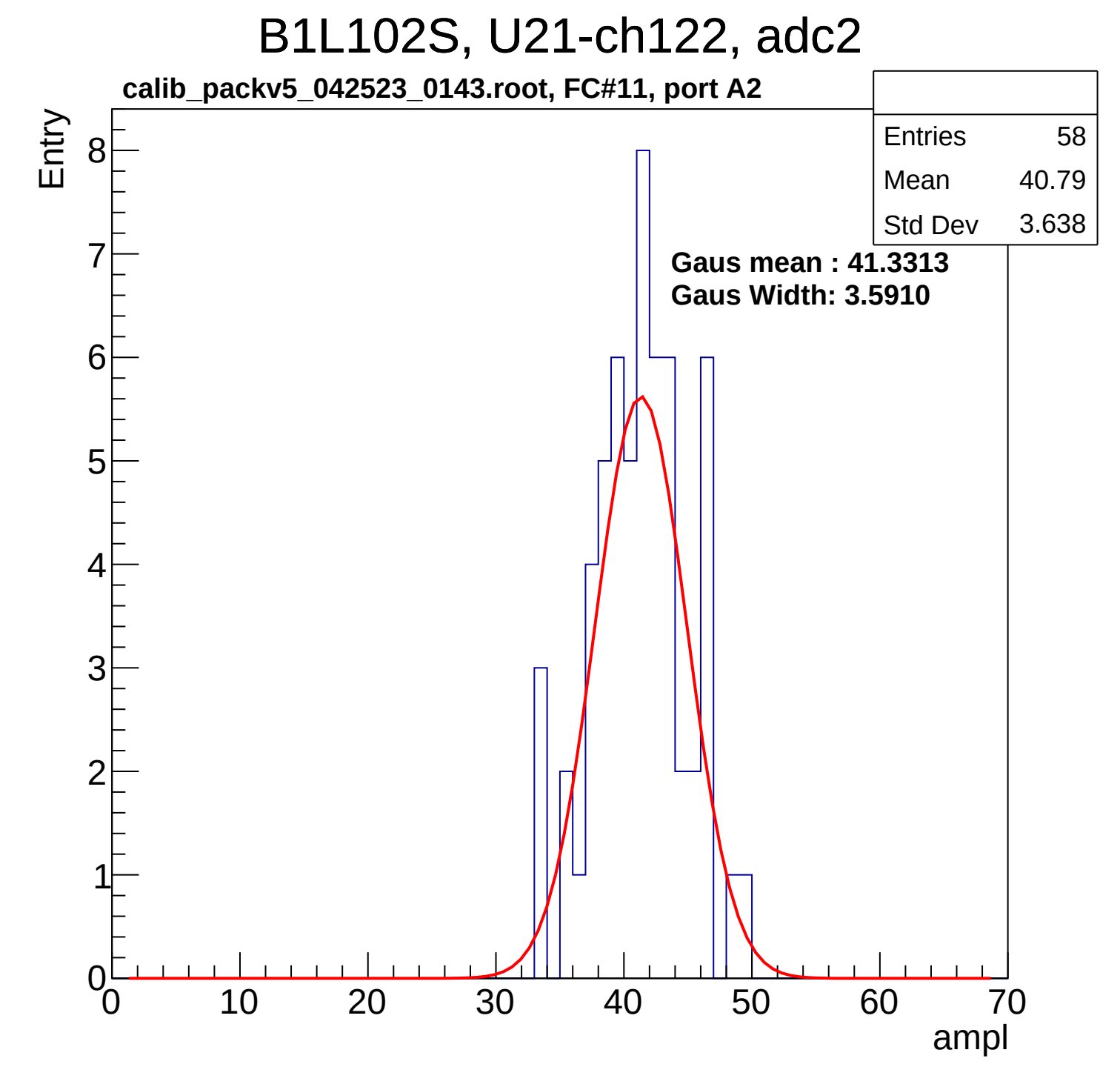
B1L102S, U21-ch122, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 58
Mean 40.79
Std Dev 3.638
Gaus mean : 41.3313
Gaus Width: 3.5910
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
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40
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60
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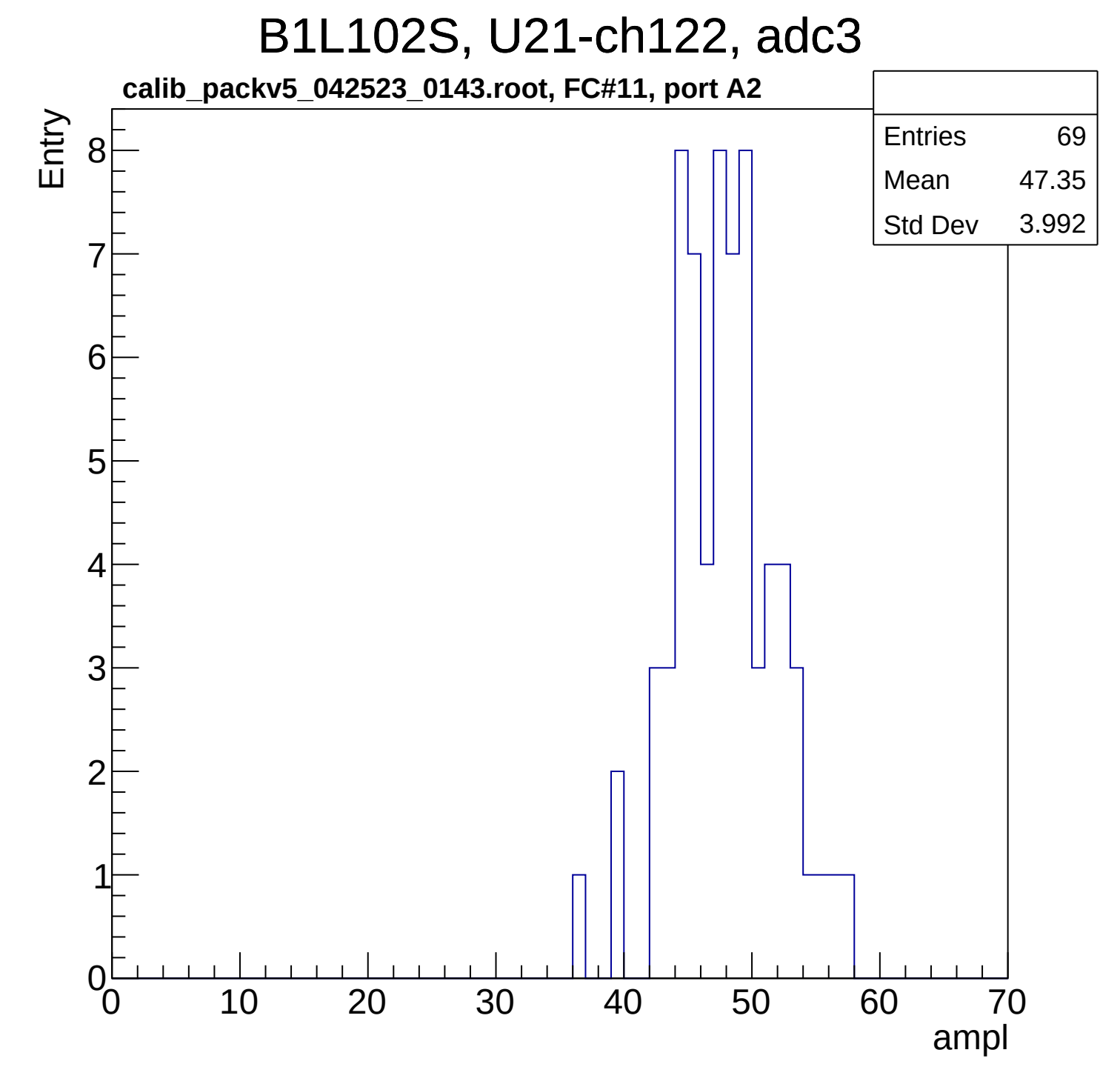
B1L102S, U21-ch122, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 69
Mean 47.35
Std Dev 3.992
Entry
ampl
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1
2
3
4
5
6
7
8
0
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60
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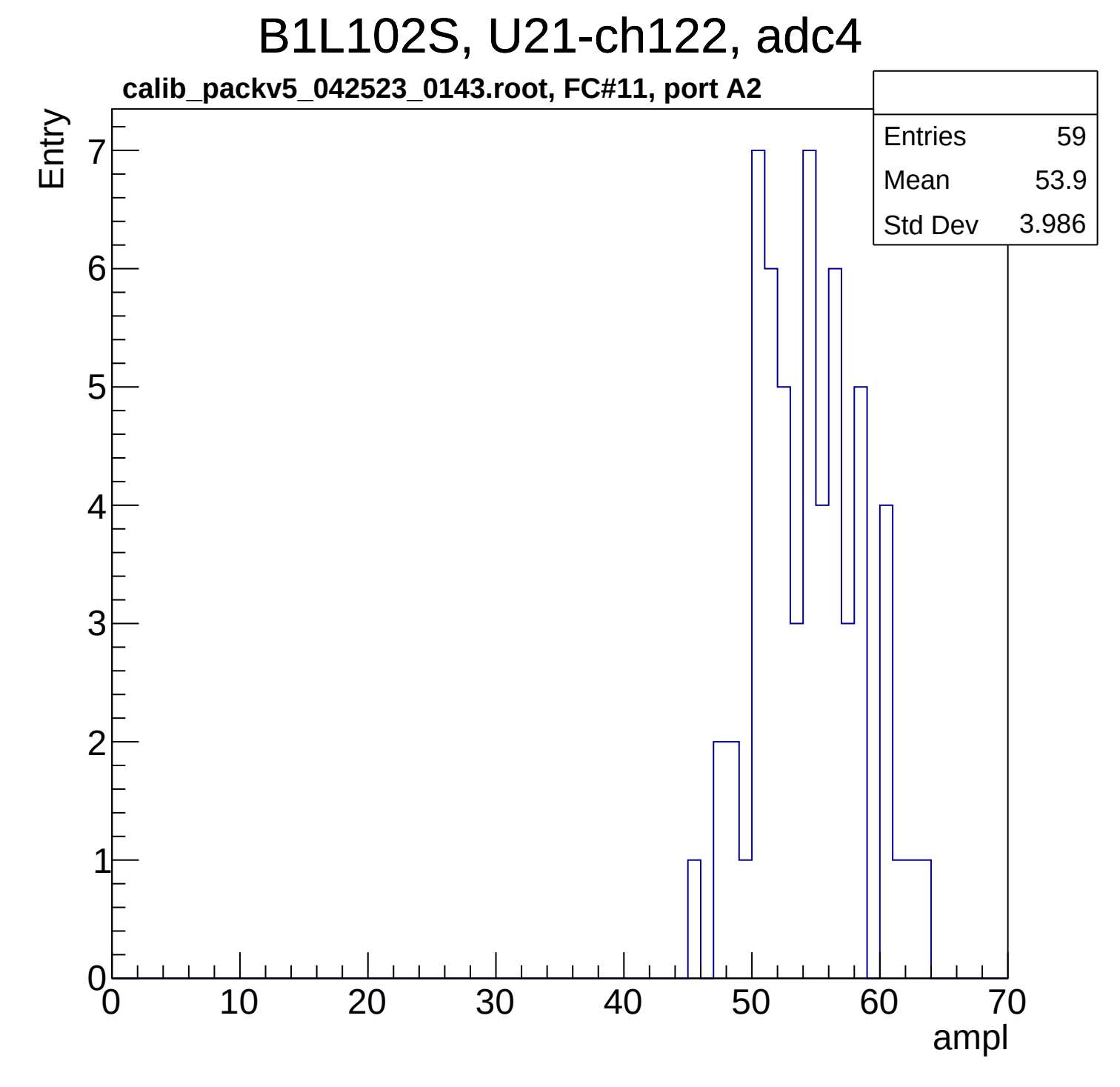
B1L102S, U21-ch122, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 59
Mean 53.9
Std Dev 3.986
Entry
ampl
0
1
2
3
4
5
6
7
0
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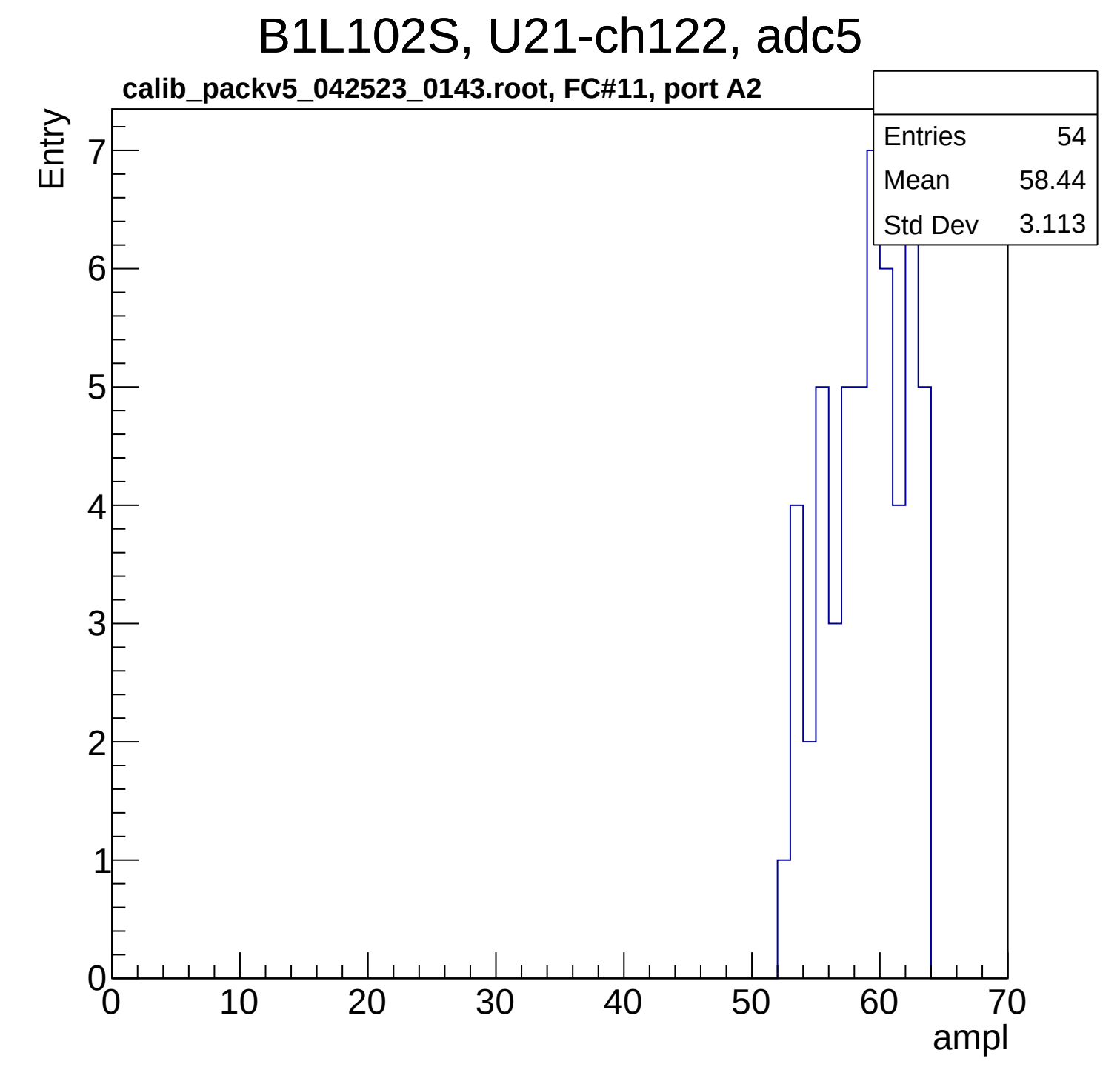
20
30
40
50
60
70


B1L102S, U21-ch122, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 58.44
Std Dev 3.113
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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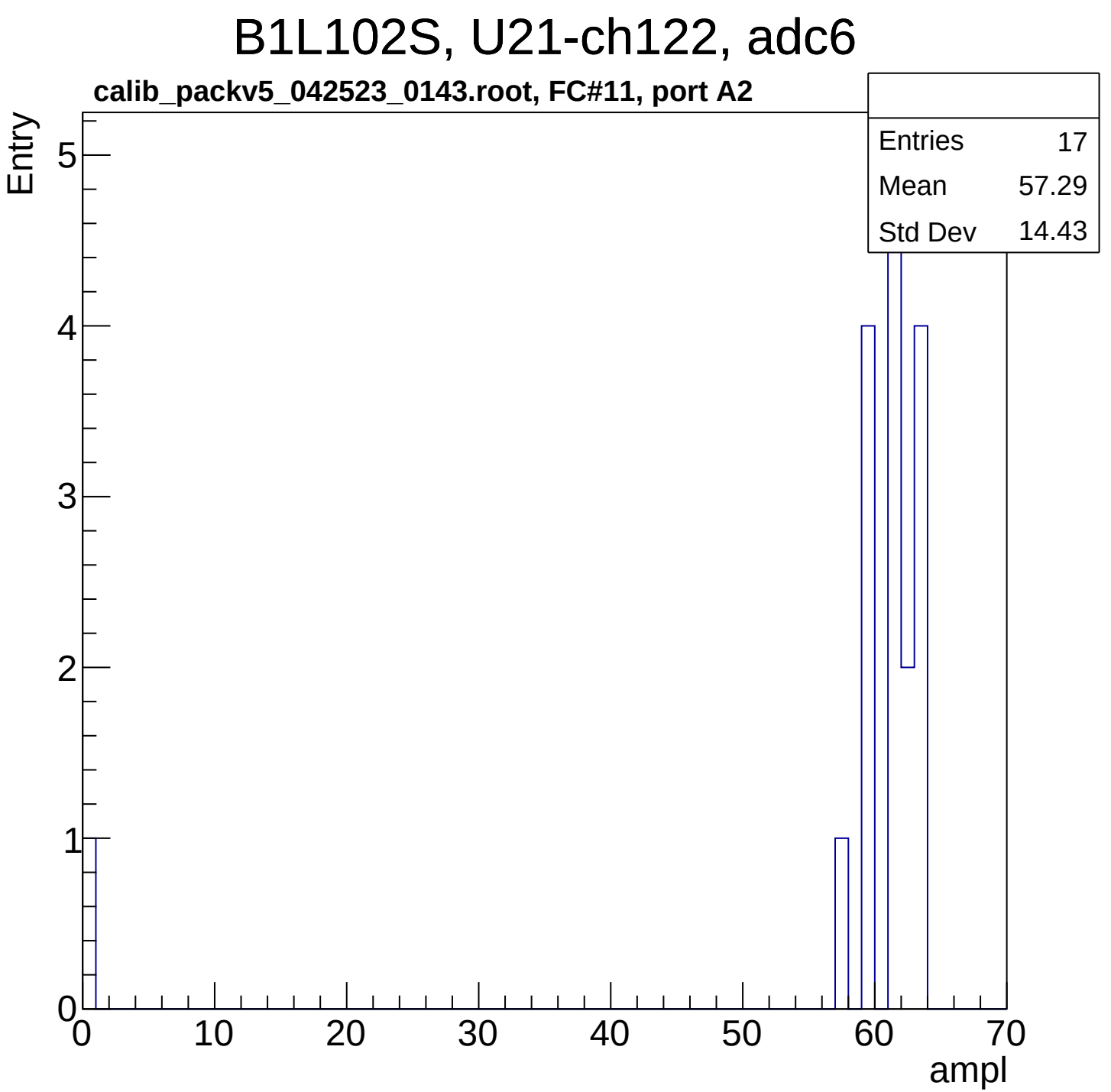
B1L102S, U21-ch122, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 17
Mean 57.29
Std Dev 14.43
Entry
ampl
0
1
2
3
4
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0
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40
50
60
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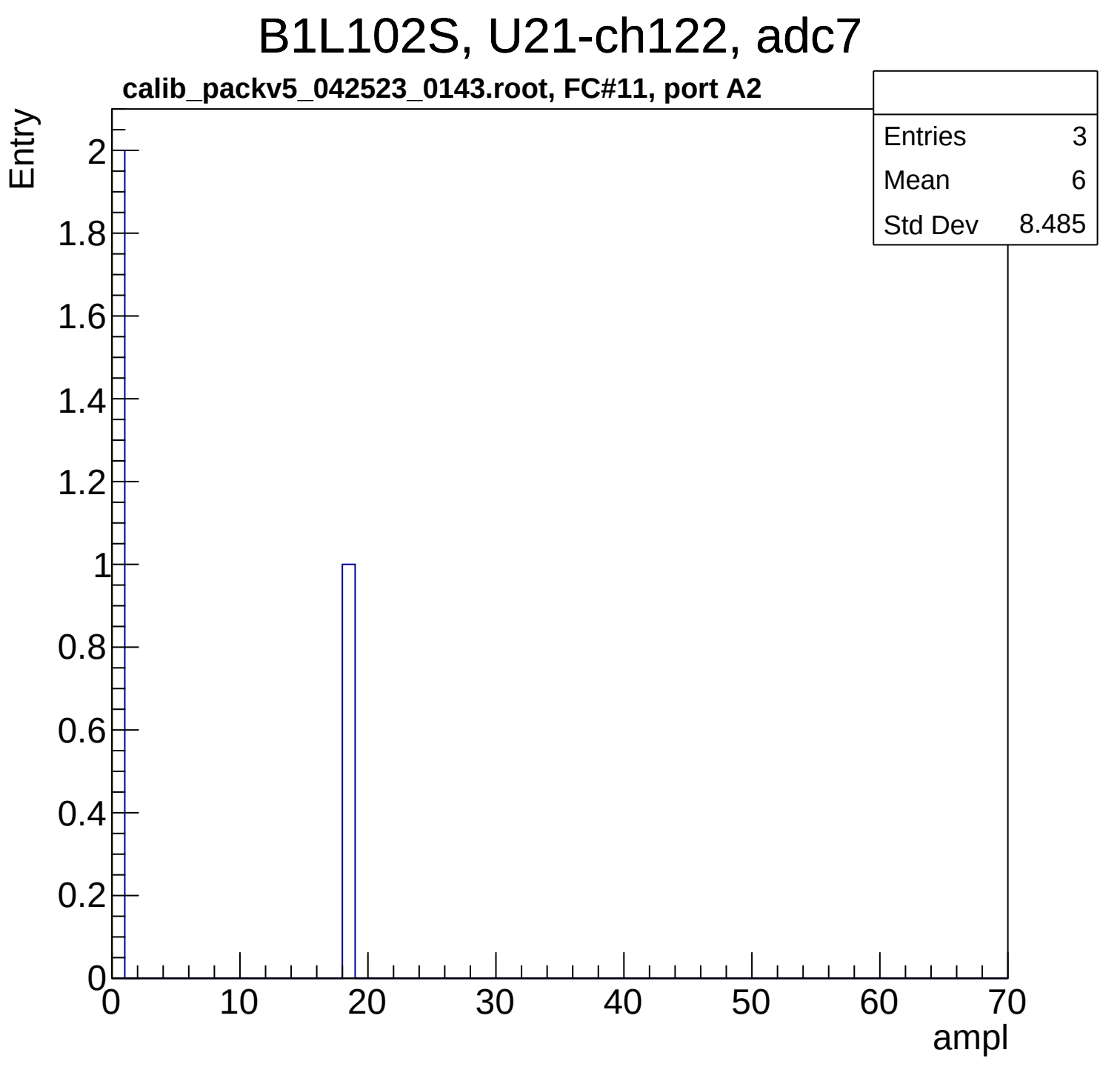
B1L102S, U21-ch122, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 6
Std Dev 8.485
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
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60
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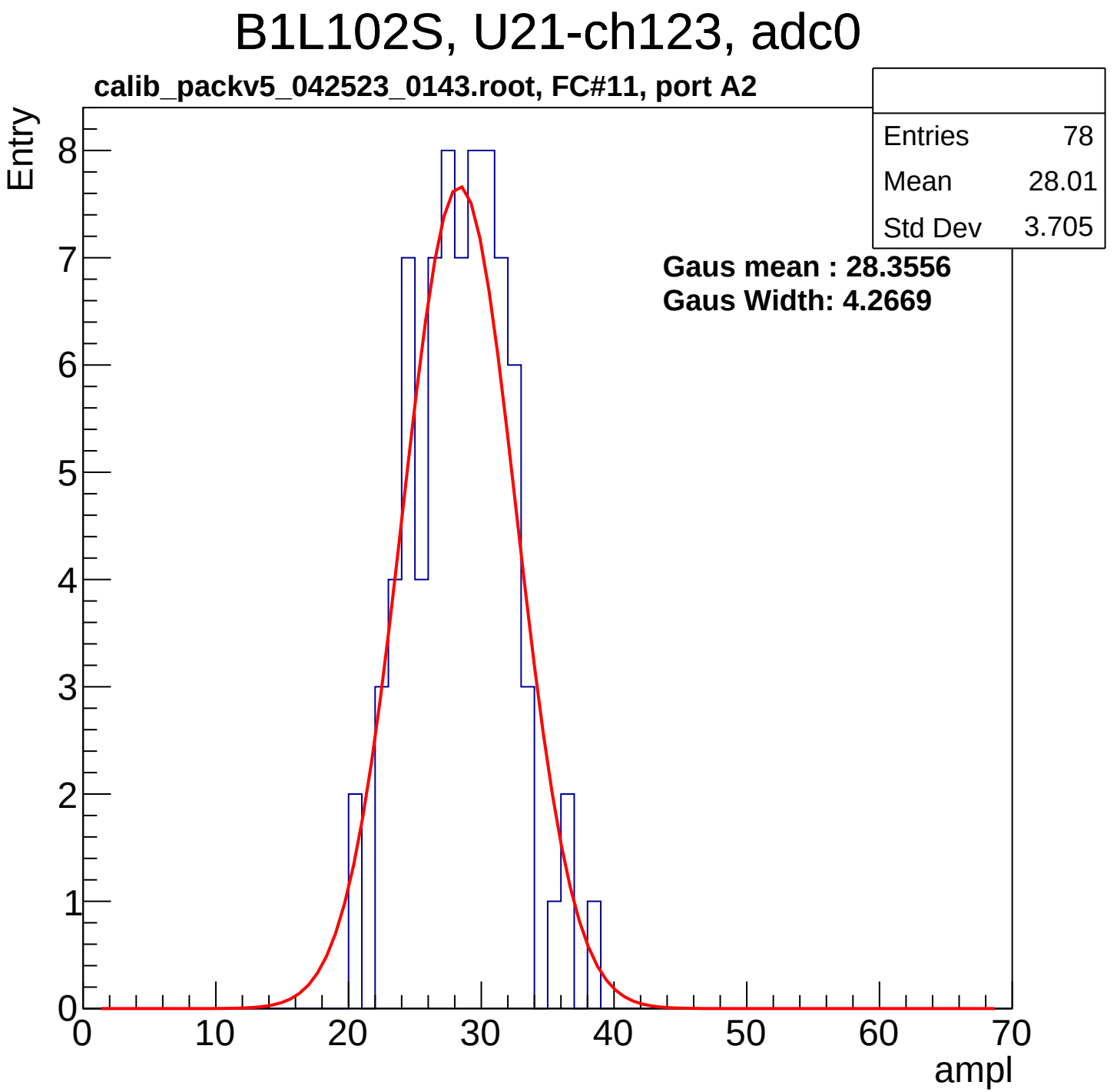
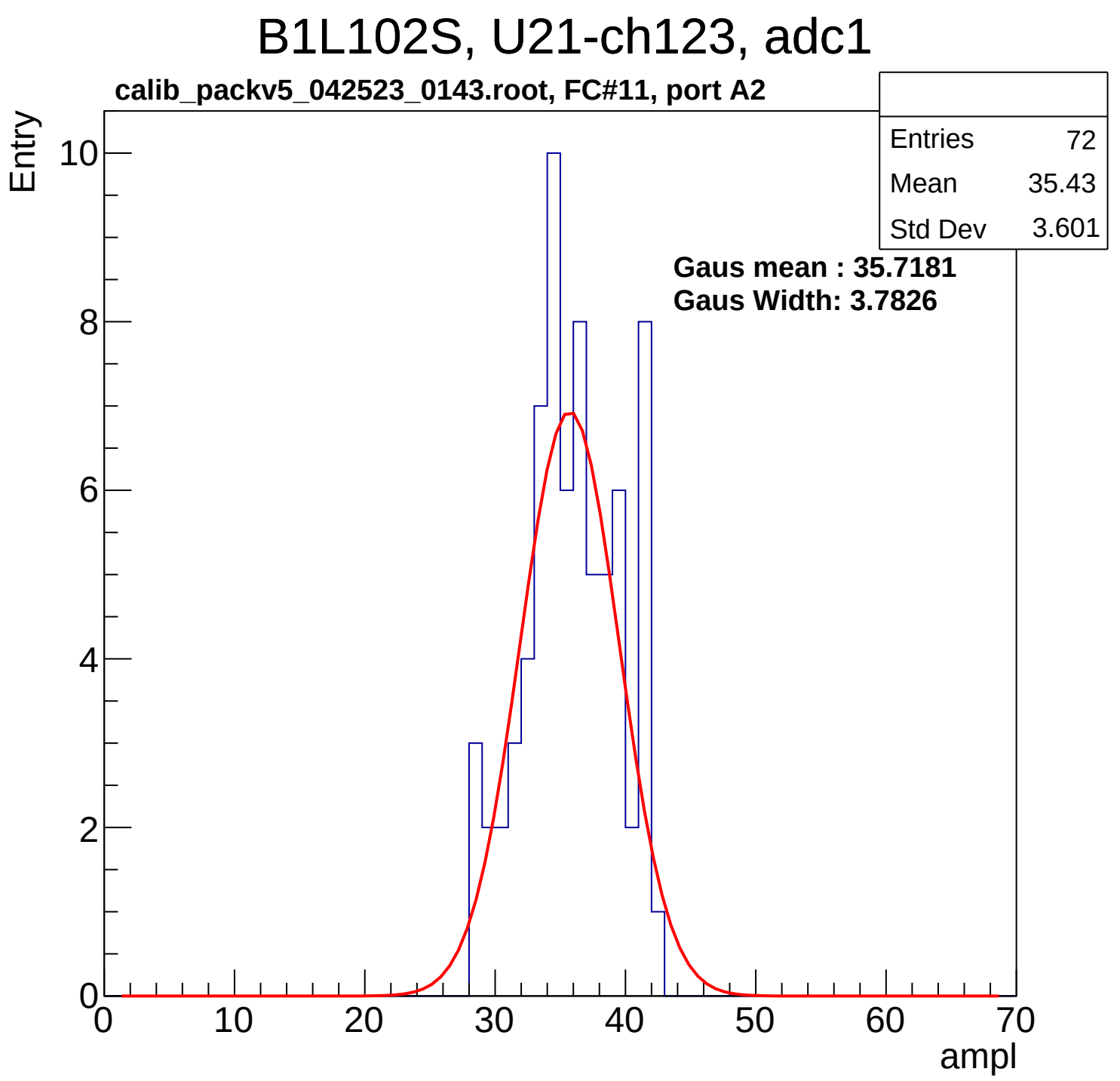

B1L102S, U21-ch123, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 78
Mean 28.01
Std Dev 3.705
Gaus mean : 28.3556
Gaus Width: 4.2669
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch123, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 72
Mean 35.43
Std Dev 3.601
Gaus mean : 35.7181
Gaus Width: 3.7826
Entry
ampl
0
2
4
6
8
10
0
10
20
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40
50
60
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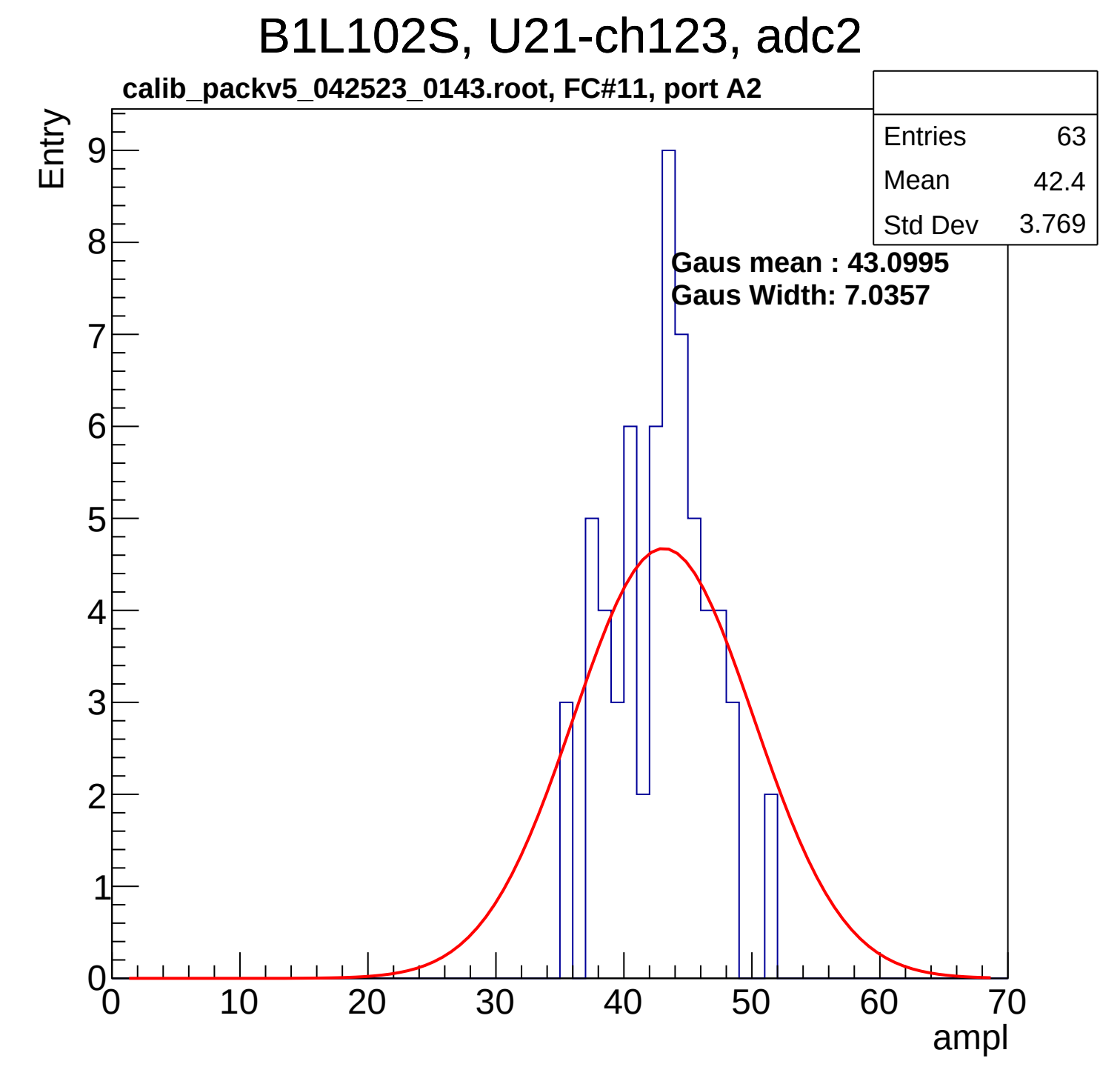
B1L102S, U21-ch123, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 42.4
Std Dev 3.769
Gaus mean : 43.0995
Gaus Width: 7.0357
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
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40
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60
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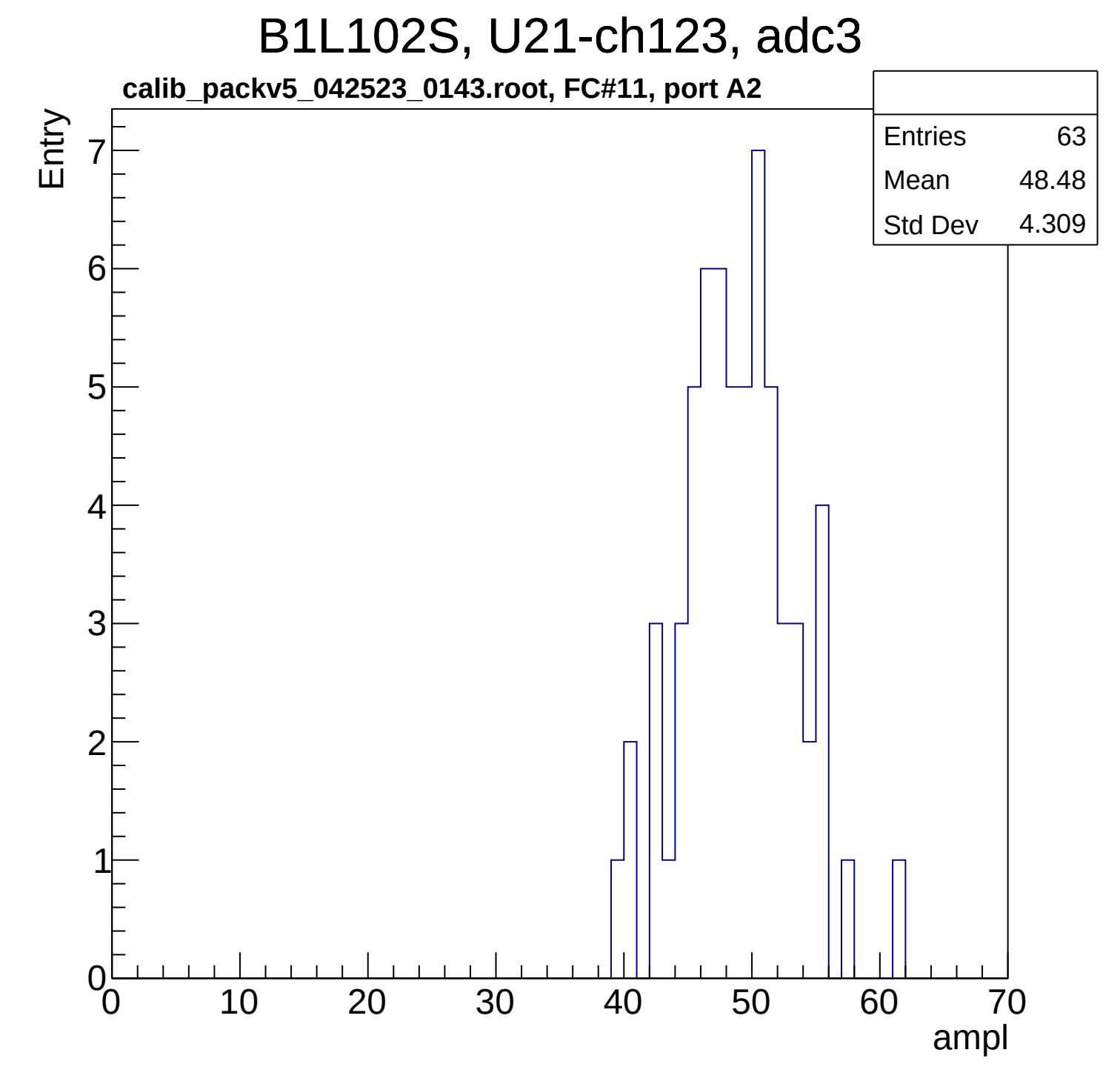
B1L102S, U21-ch123, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 48.48
Std Dev 4.309
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
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40
50
60
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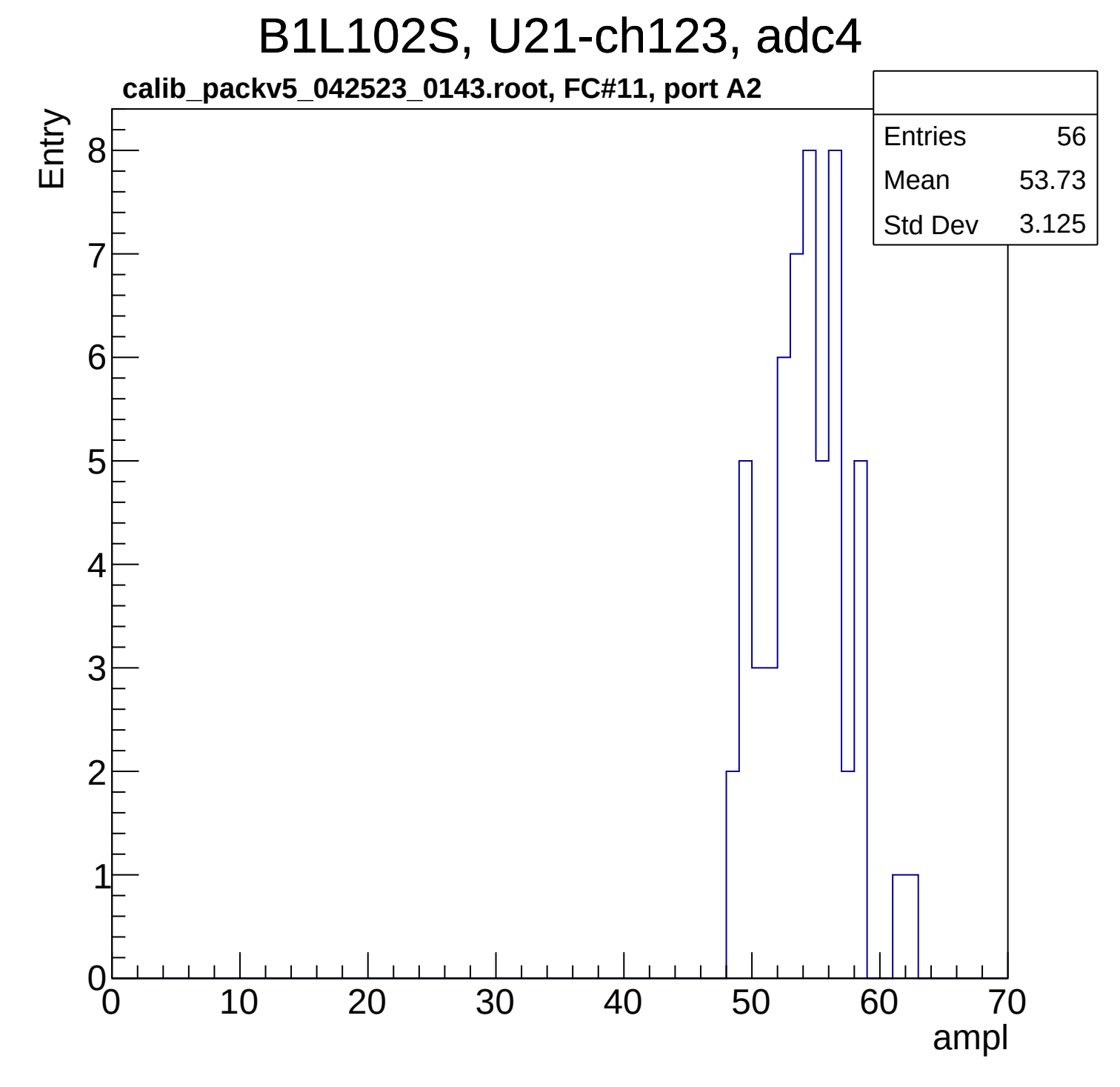
B1L102S, U21-ch123, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 56
Mean 53.73
Std Dev 3.125
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
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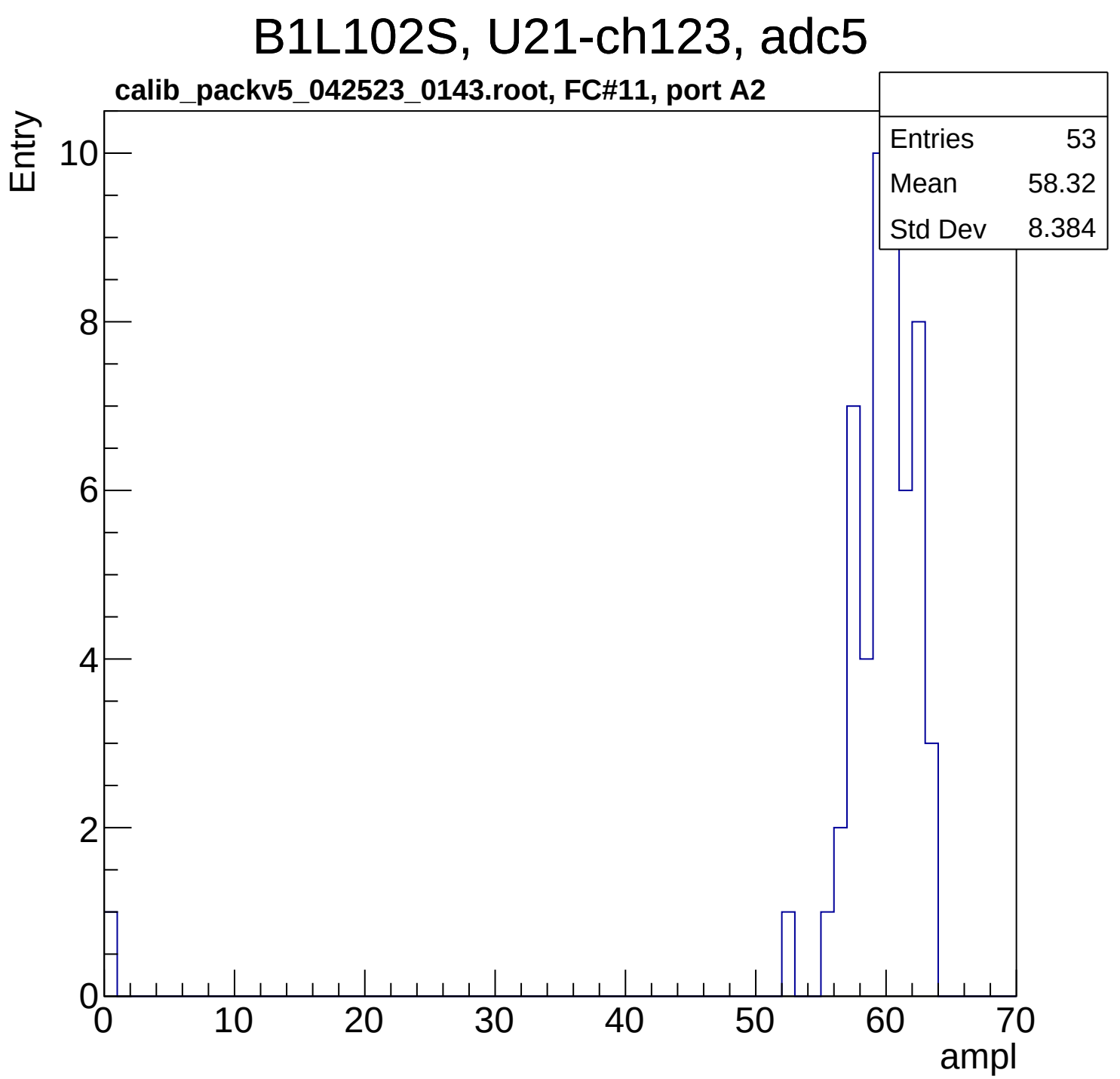
B1L102S, U21-ch123, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 53
Mean 58.32
Std Dev 8.384
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
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60
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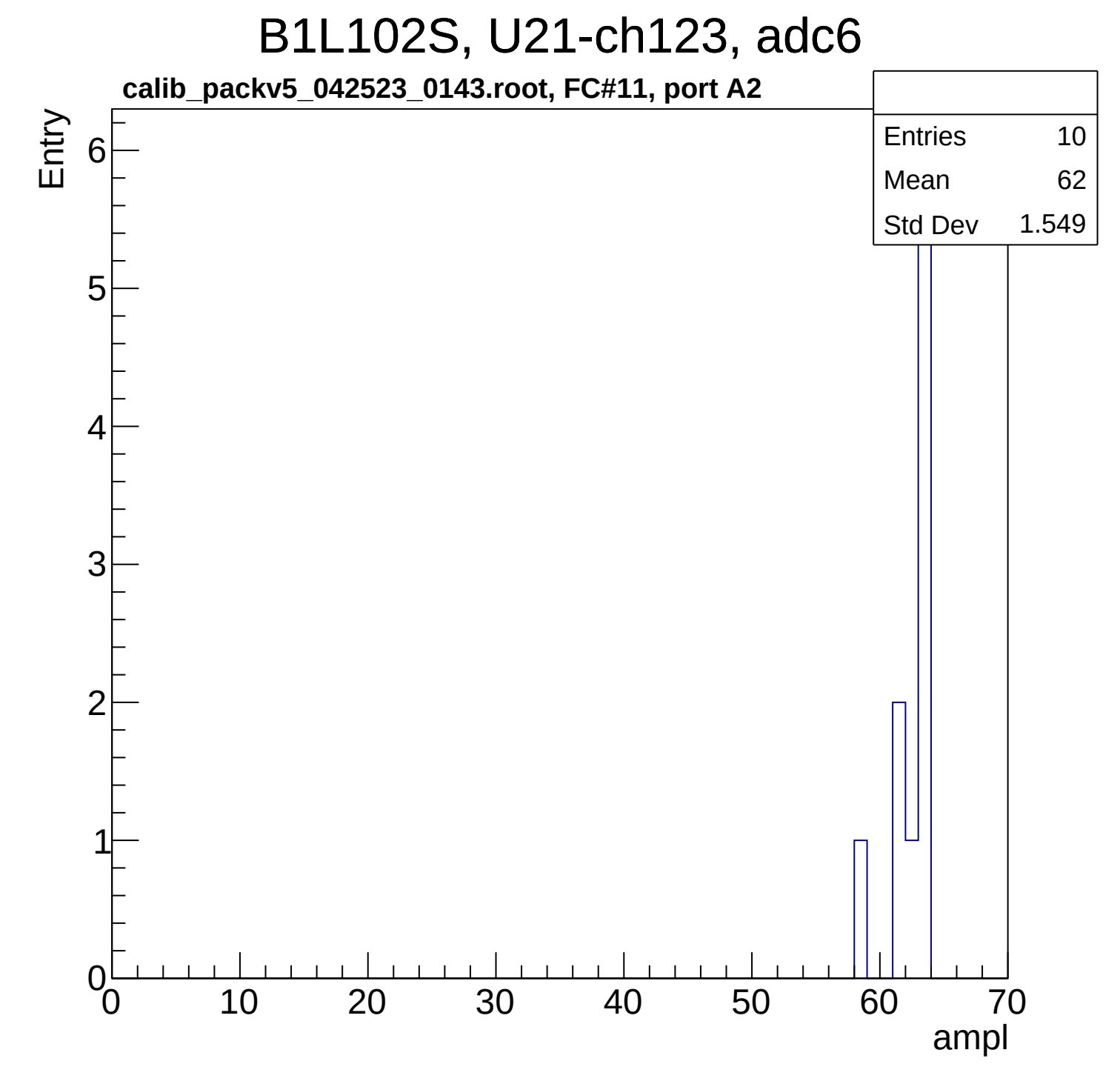
B1L102S, U21-ch123, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 10
Mean 62
Std Dev 1.549
Entry
ampl
0
1
2
3
4
5
6
0
10
20
30
40
50
60
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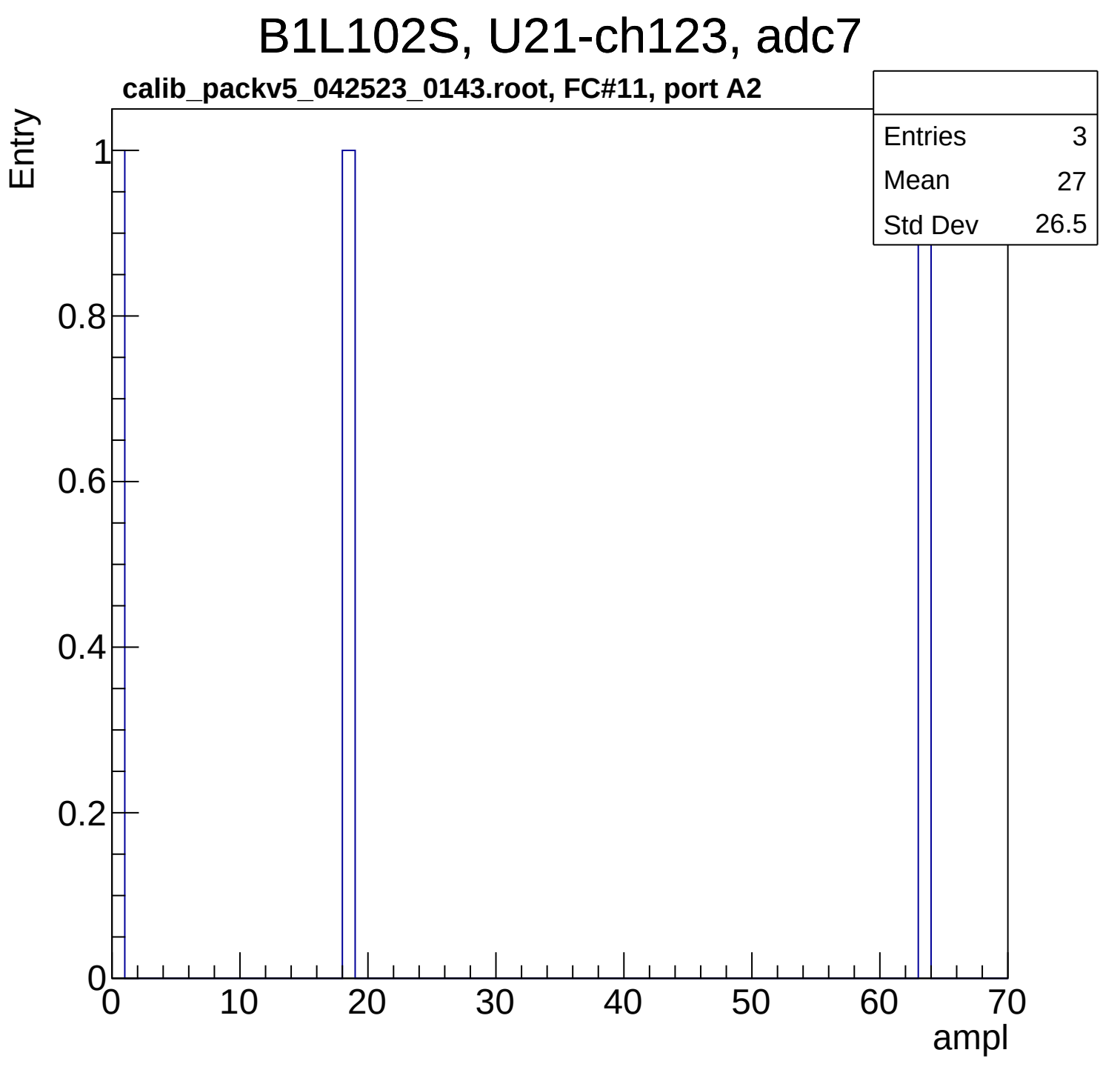
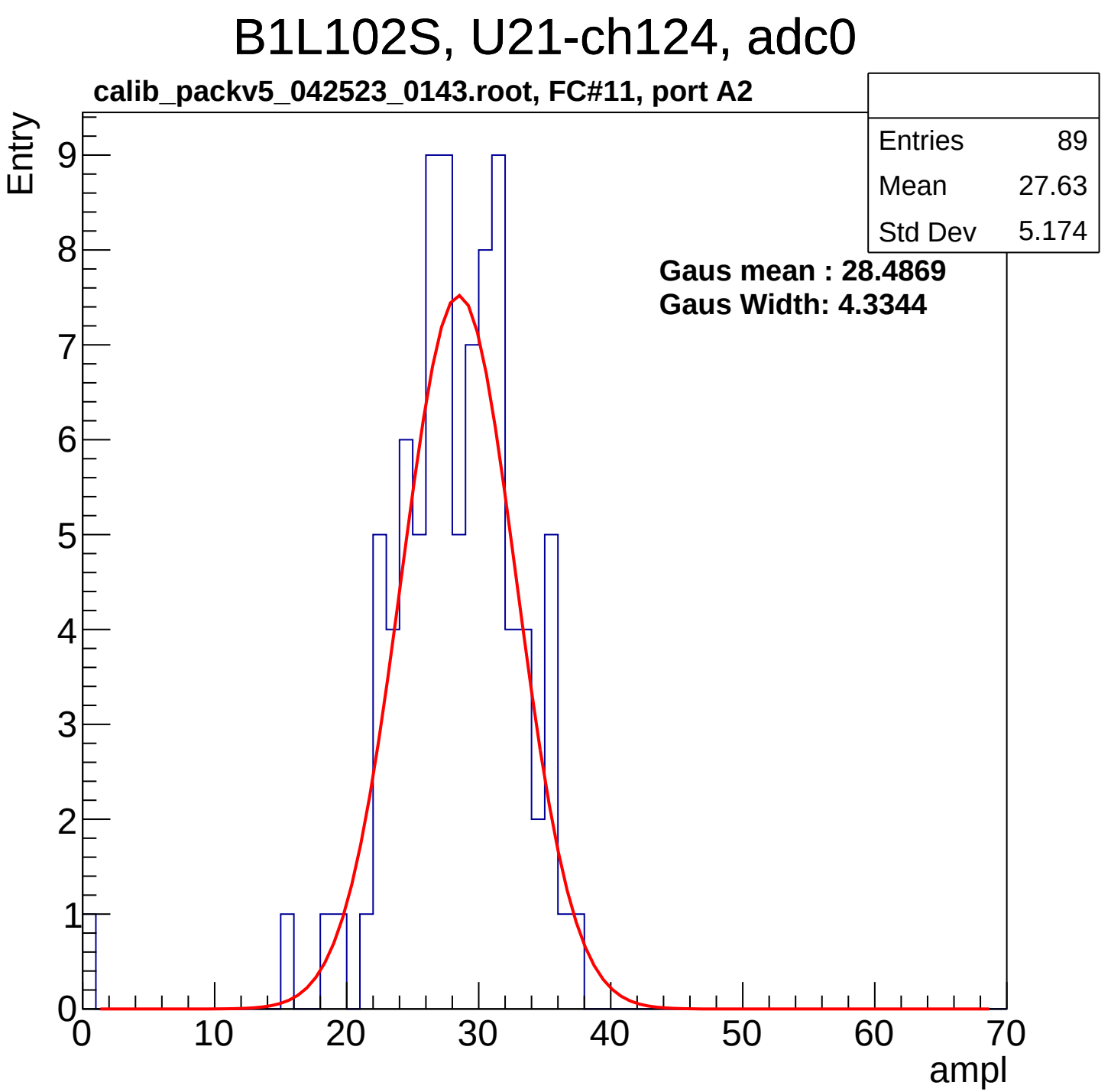
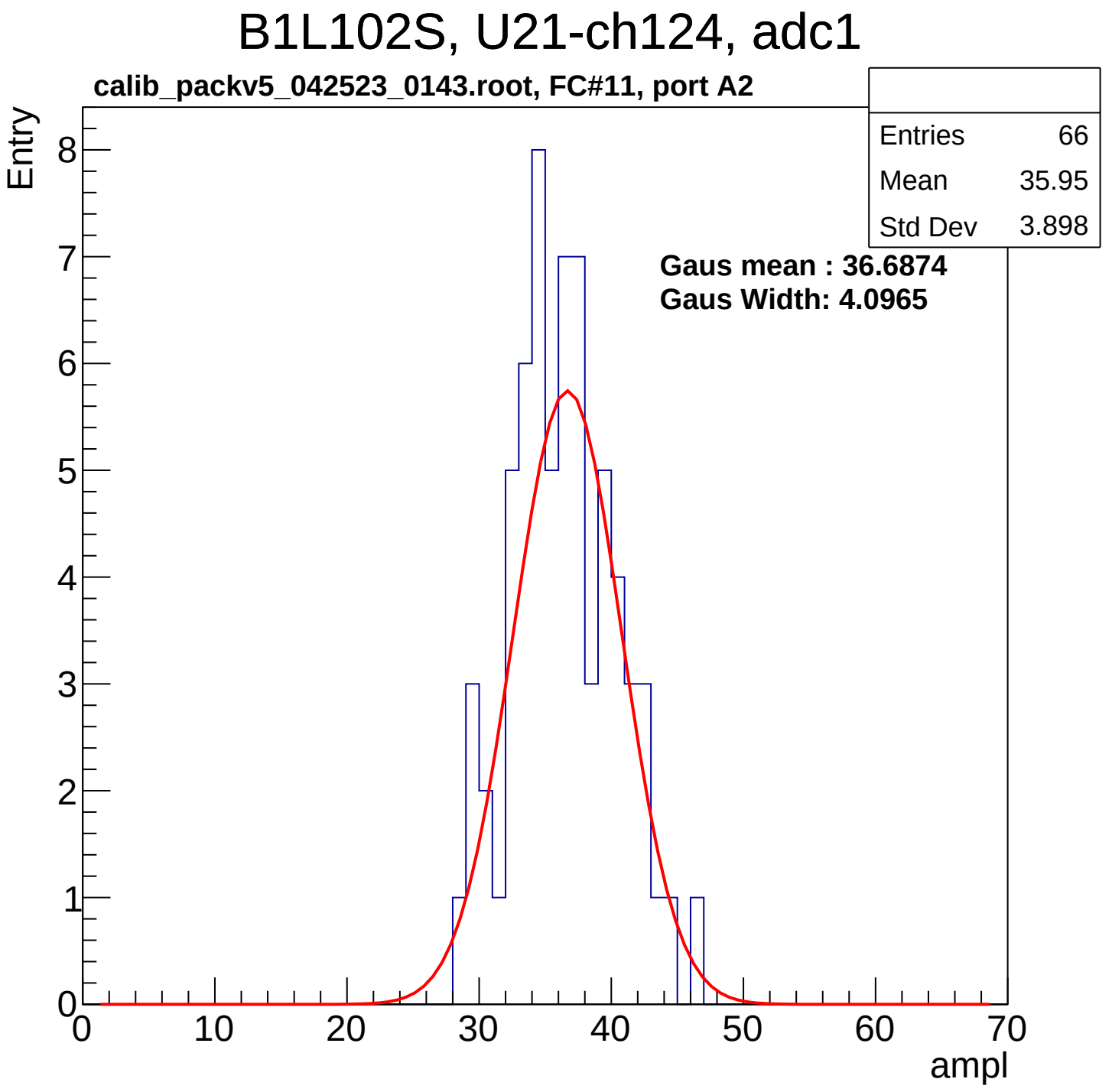
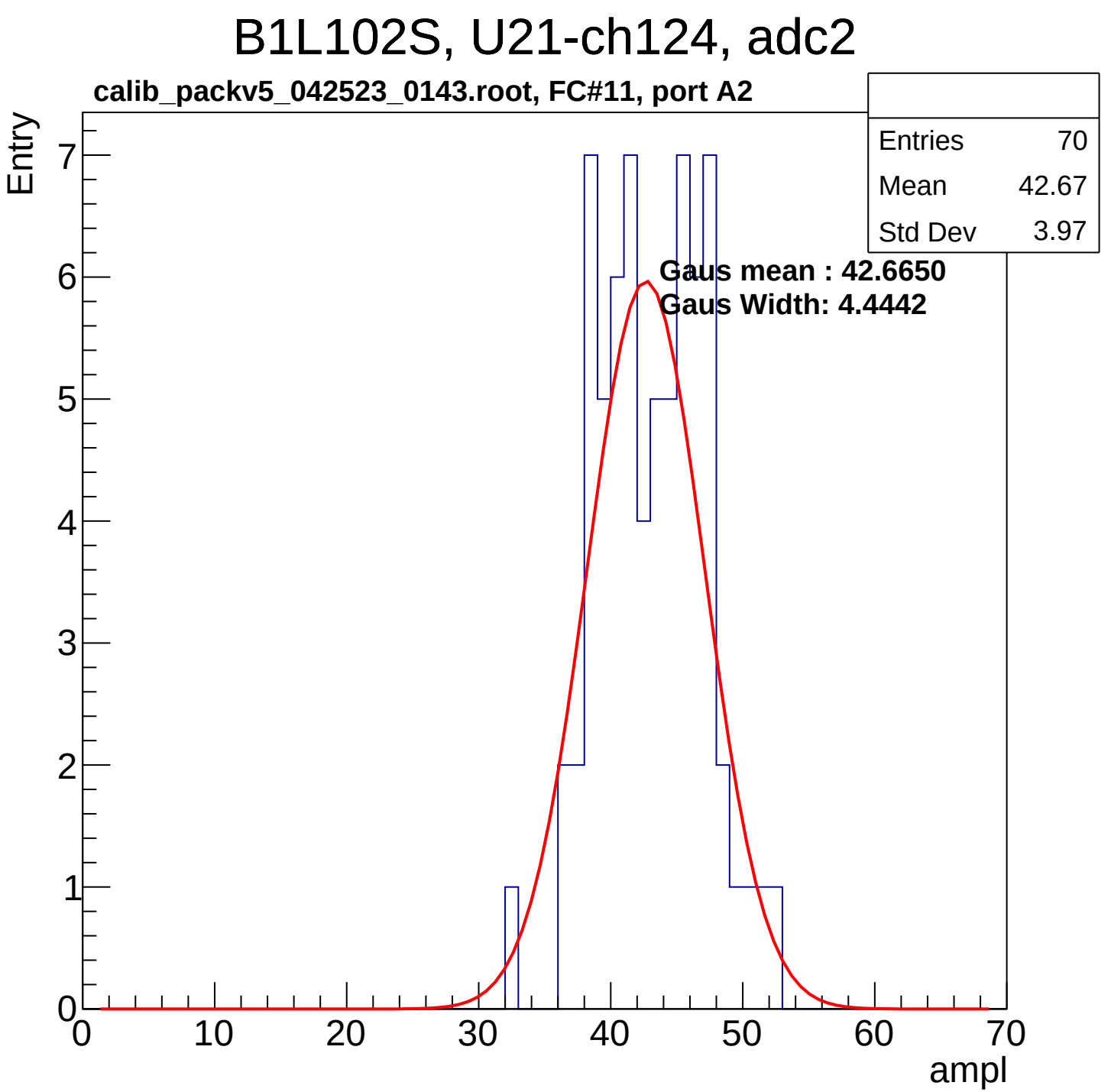

B1L102S, U21-ch123, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 3
Mean 27
Std Dev 26.5
Entry
ampl
0
0.2
0.4
0.6
0.8
1
0
10
20
30
40
50
60
70


B1L102S, U21-ch124, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 89
Mean 27.63
Std Dev 5.174
Gaus mean : 28.4869
Gaus Width: 4.3344
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch124, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 35.95
Std Dev 3.898
Gaus mean : 36.6874
Gaus Width: 4.0965
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch124, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 42.67
Std Dev 3.97
Gaus mean : 42.6650
Gaus Width: 4.4442
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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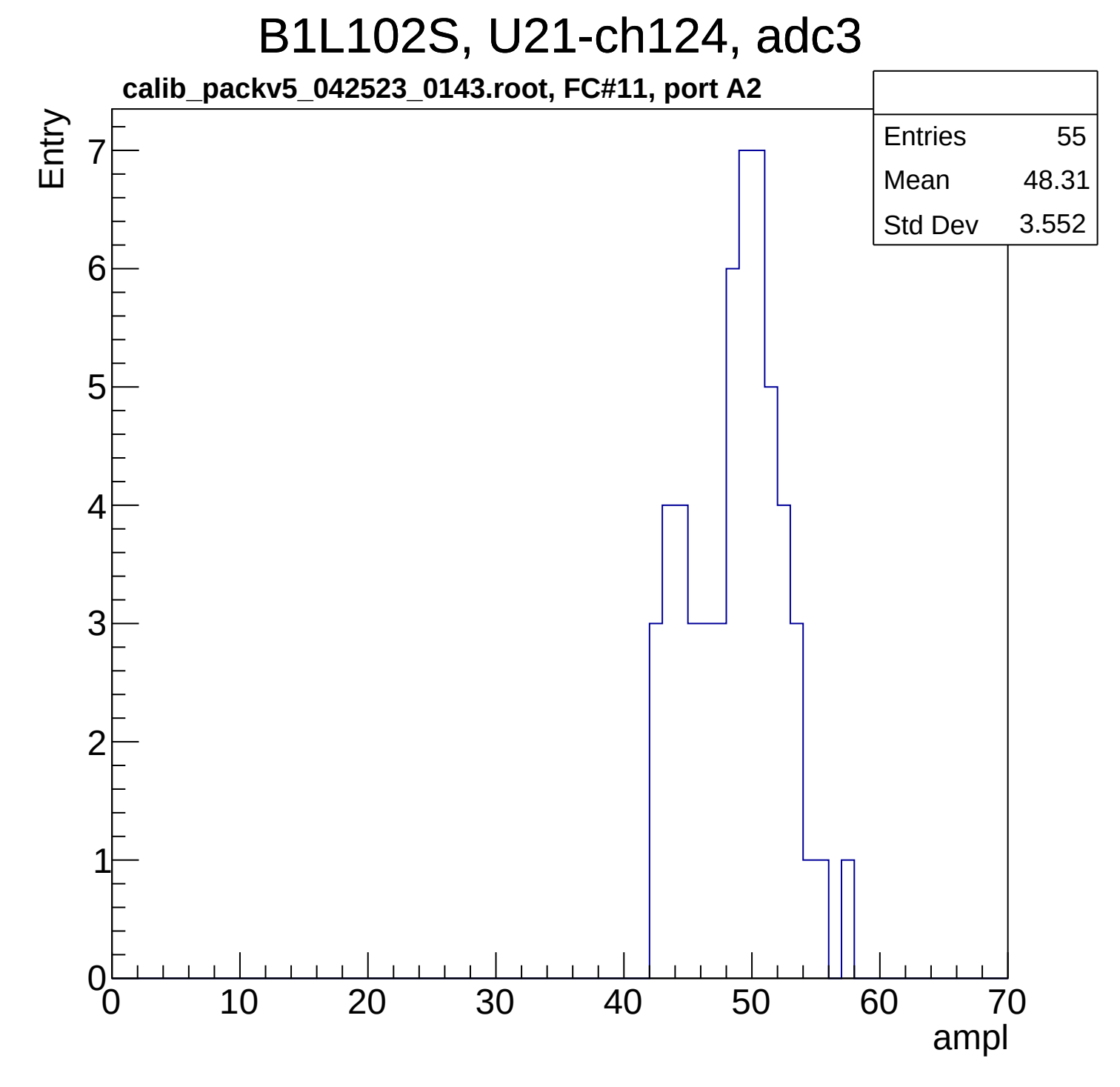
B1L102S, U21-ch124, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 48.31
Std Dev 3.552
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
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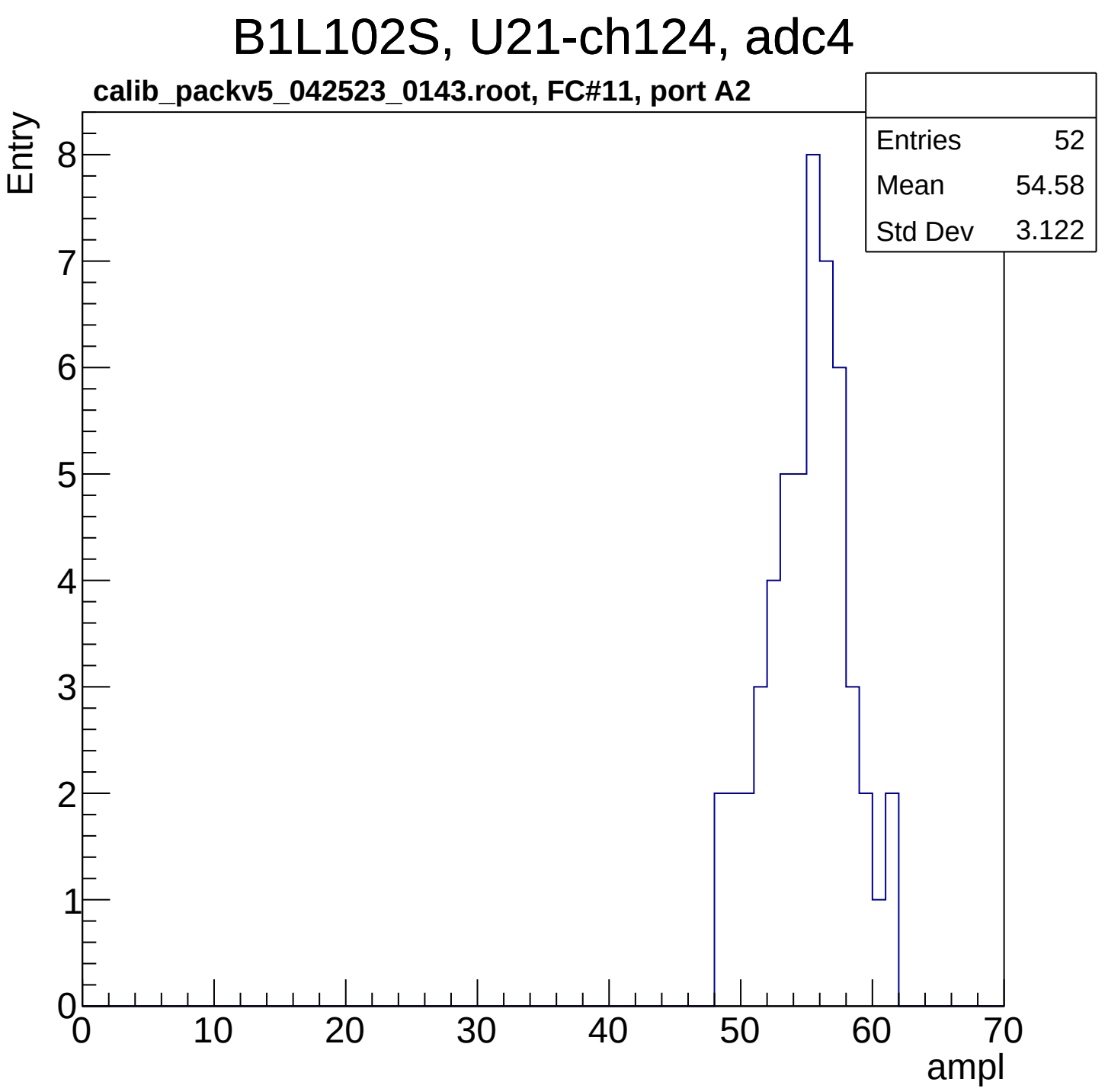
B1L102S, U21-ch124, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 52
Mean 54.58
Std Dev 3.122
Entry
ampl
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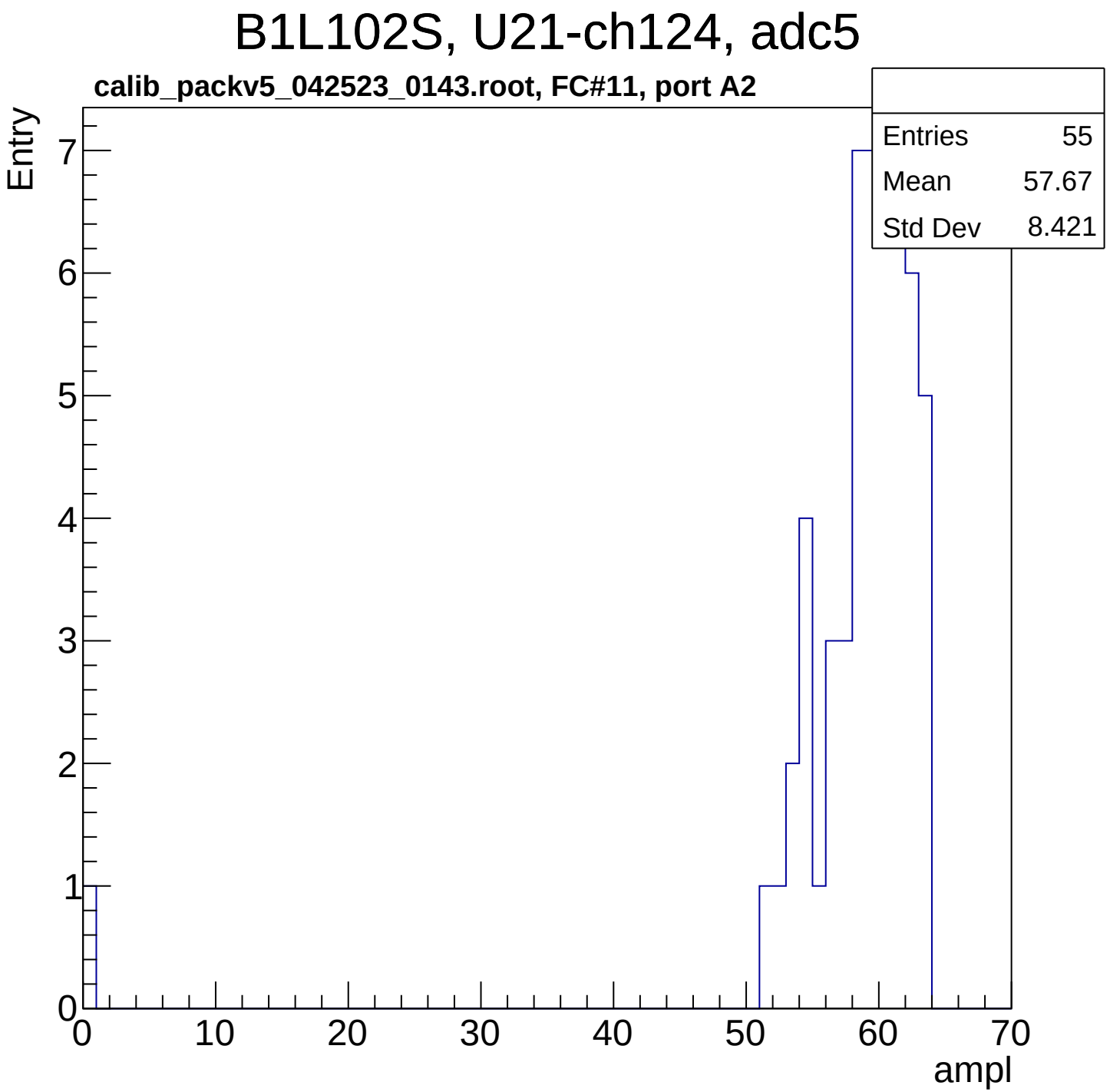
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch124, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 55
Mean 57.67
Std Dev 8.421
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
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40
50
60
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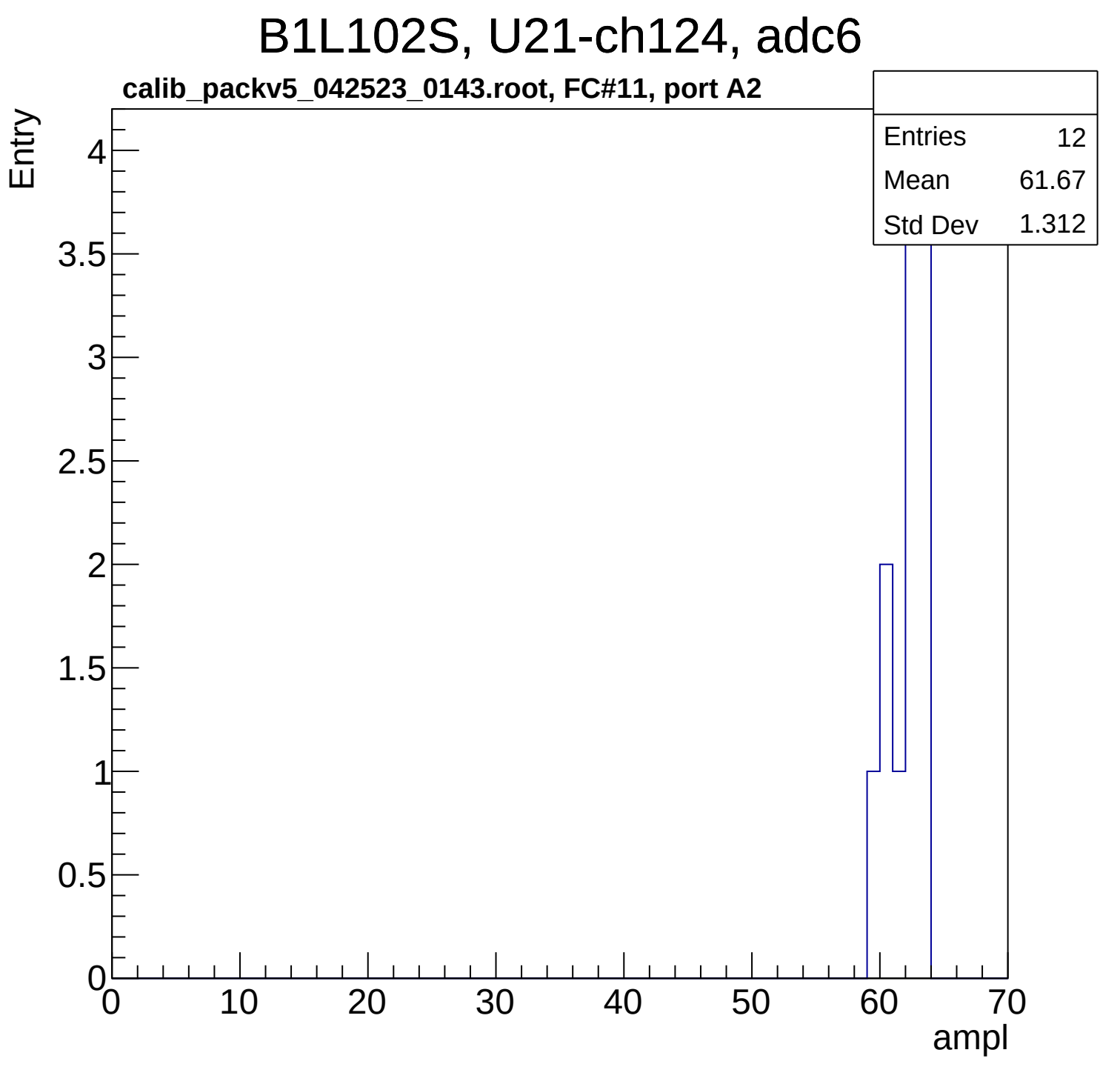
B1L102S, U21-ch124, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 12
Mean 61.67
Std Dev 1.312
Entry
ampl
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
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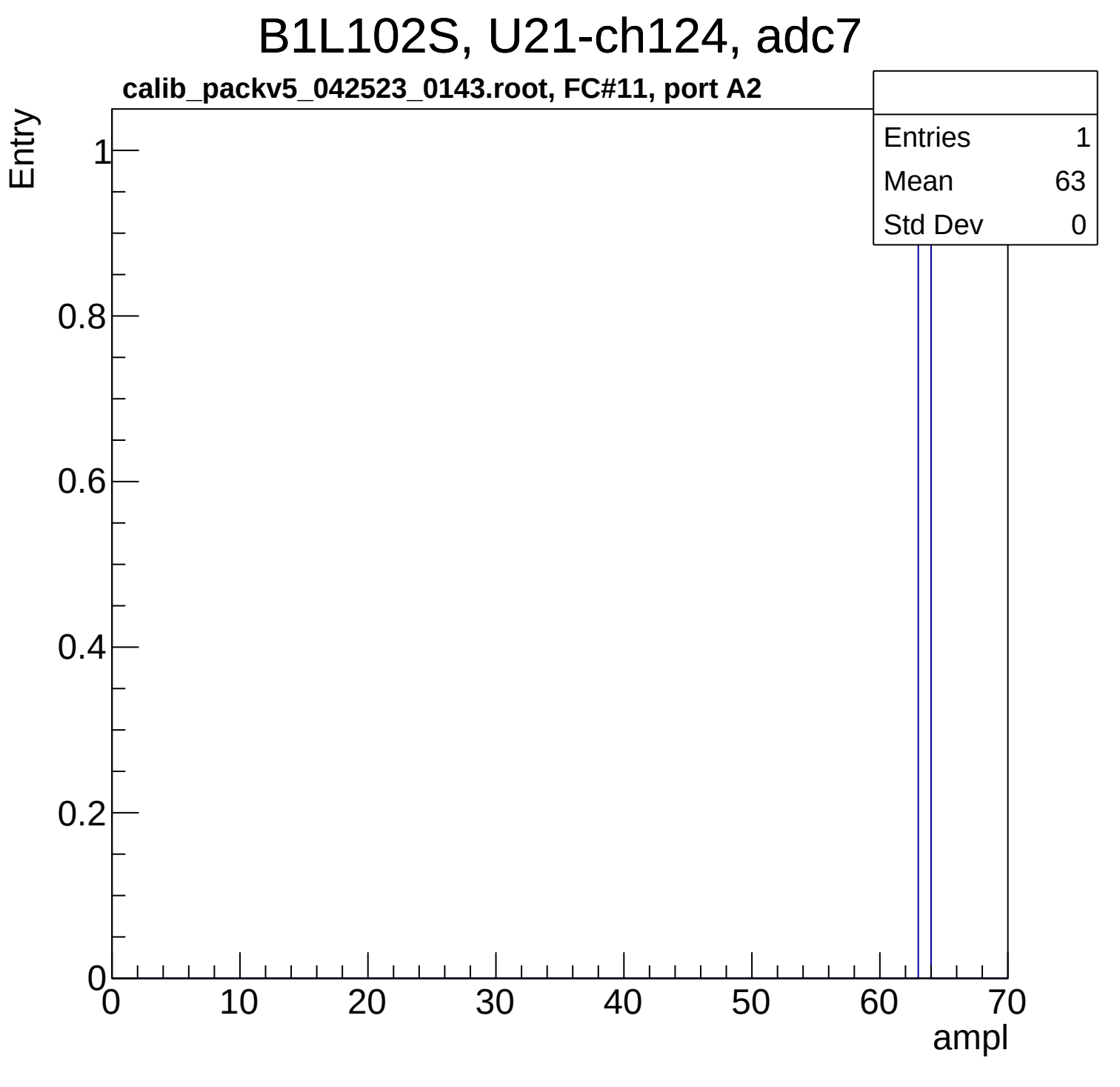
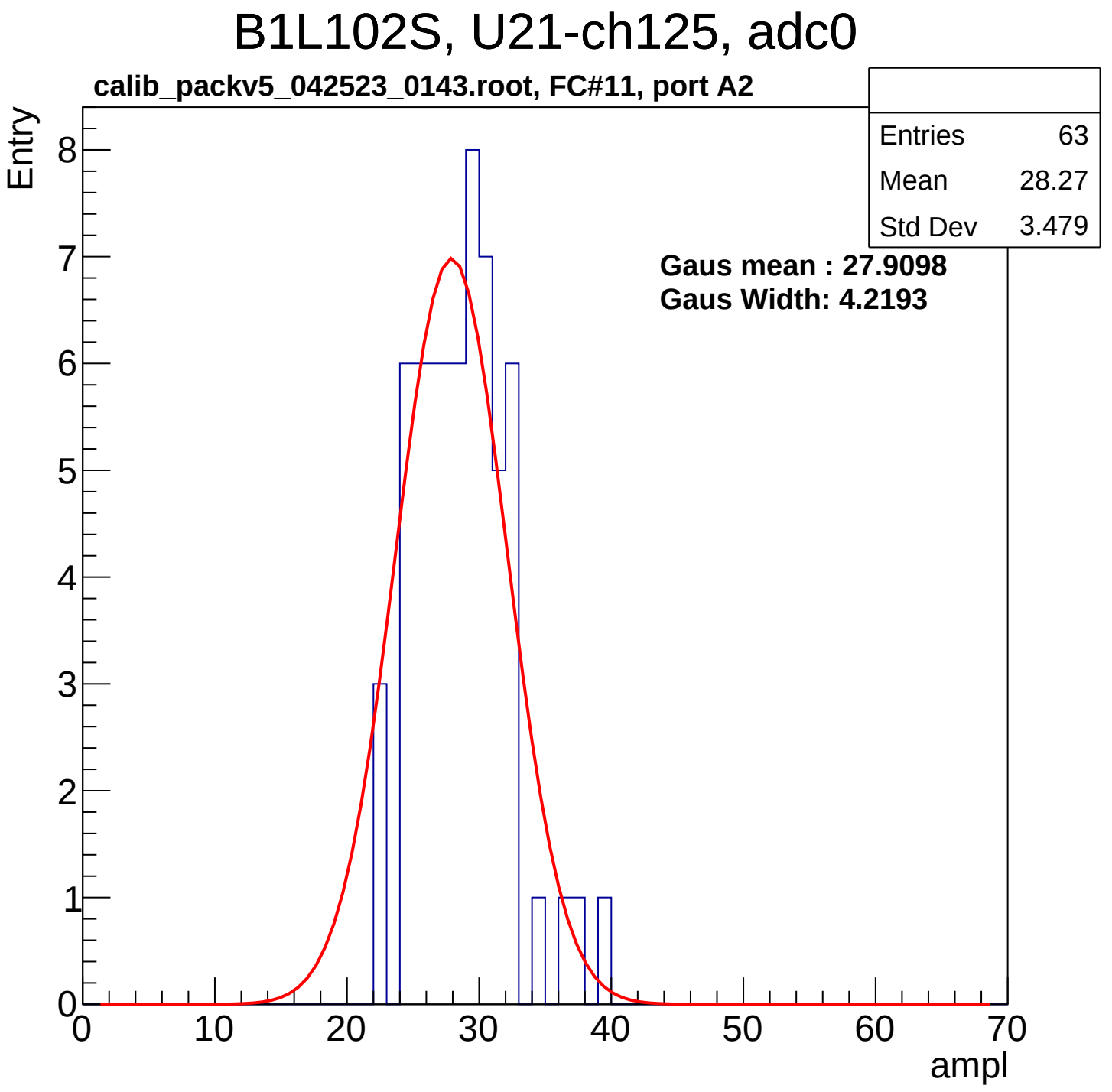
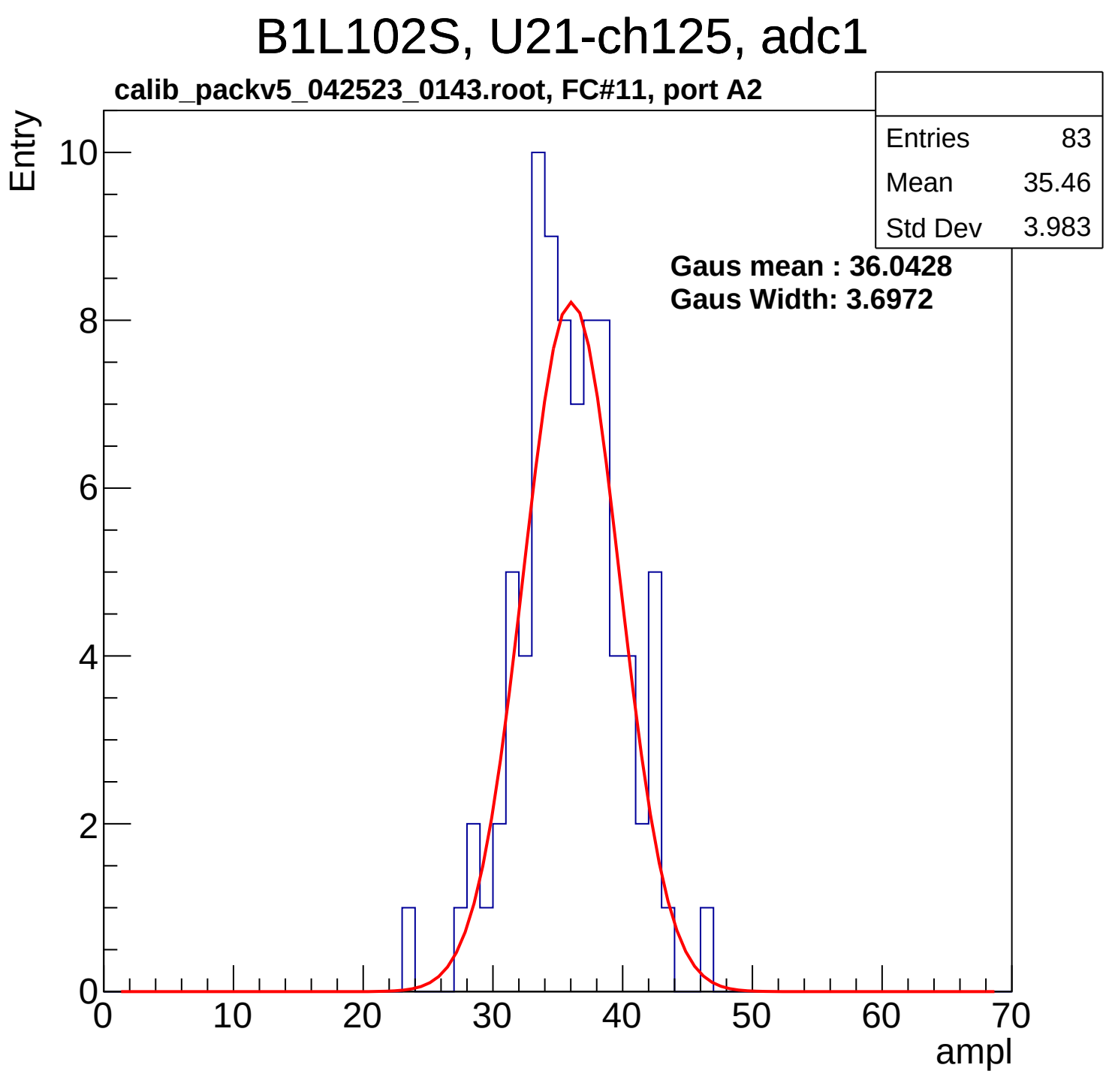
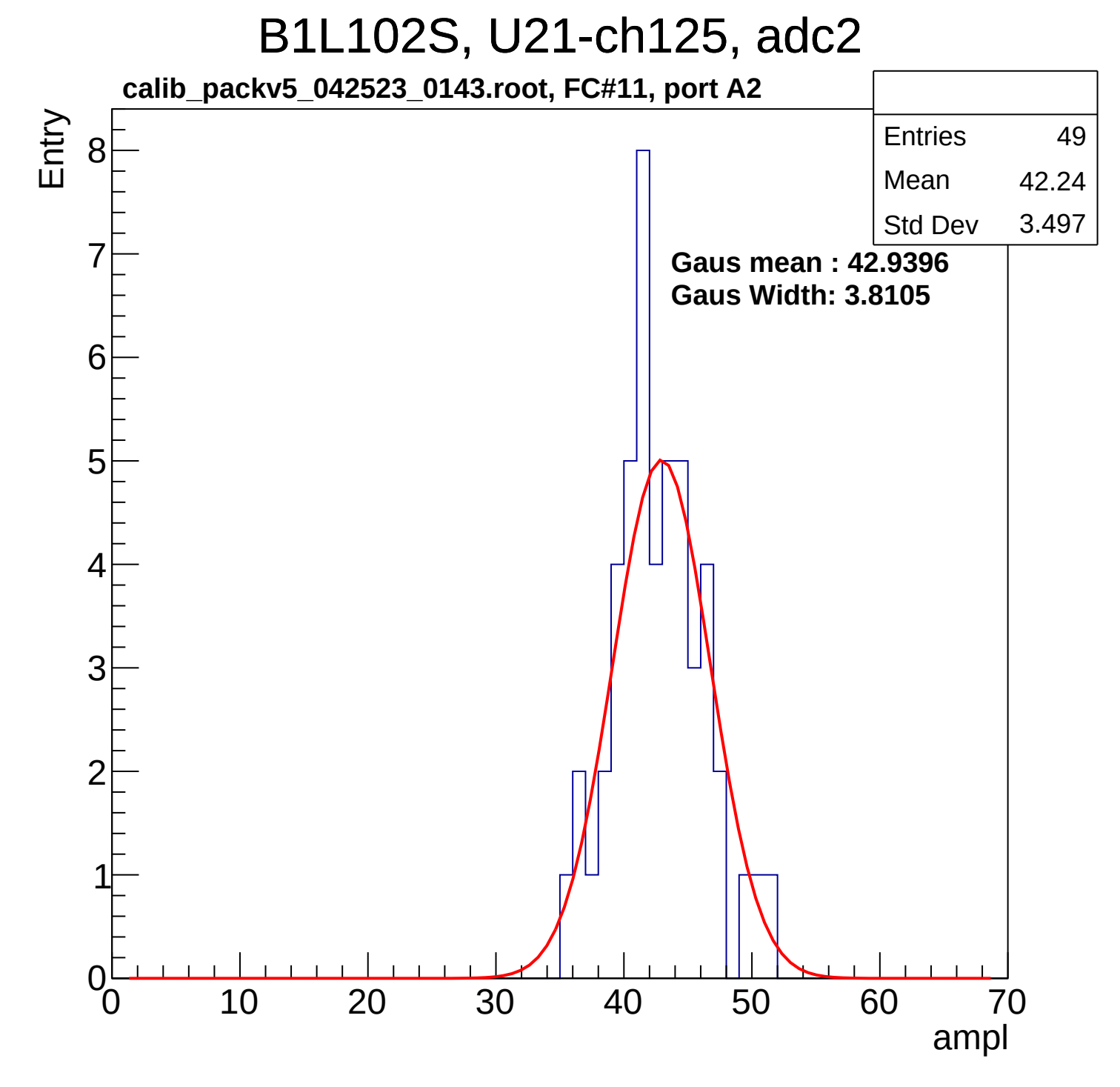
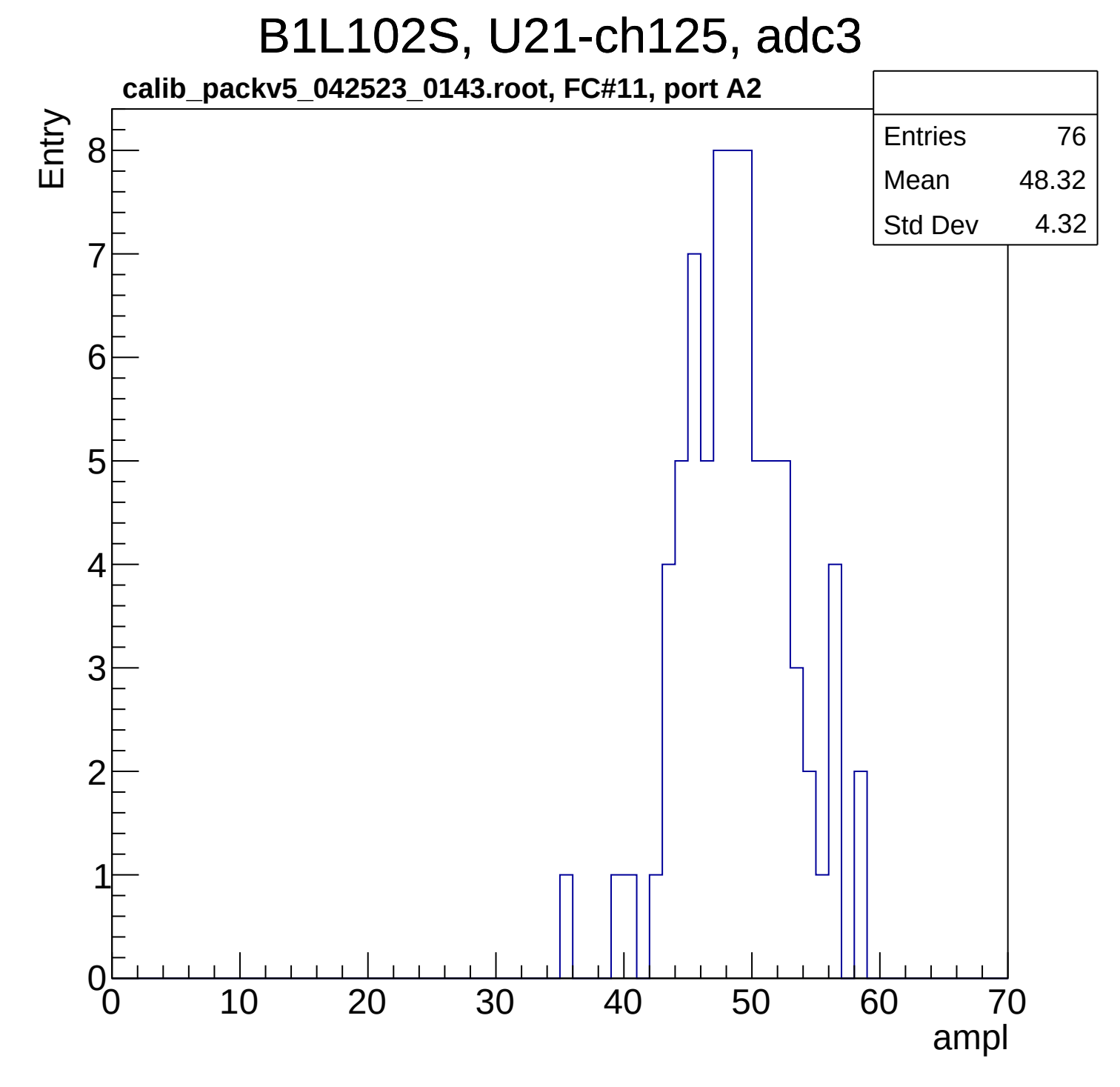

B1L102S, U21-ch124, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 1
Mean 63
Std Dev 0
Entry
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
ampl


B1L102S, U21-ch125, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 63
Mean 28.27
Std Dev 3.479
Gaus mean : 27.9098
Gaus Width: 4.2193
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch125, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 83
Mean 35.46
Std Dev 3.983
Gaus mean : 36.0428
Gaus Width: 3.6972
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70


B1L102S, U21-ch125, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 49
Mean 42.24
Std Dev 3.497
Gaus mean : 42.9396
Gaus Width: 3.8105
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch125, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 76
Mean 48.32
Std Dev 4.32
Entry
ampl
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1
2
3
4
5
6
7
8
0
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20
30
40
50
60
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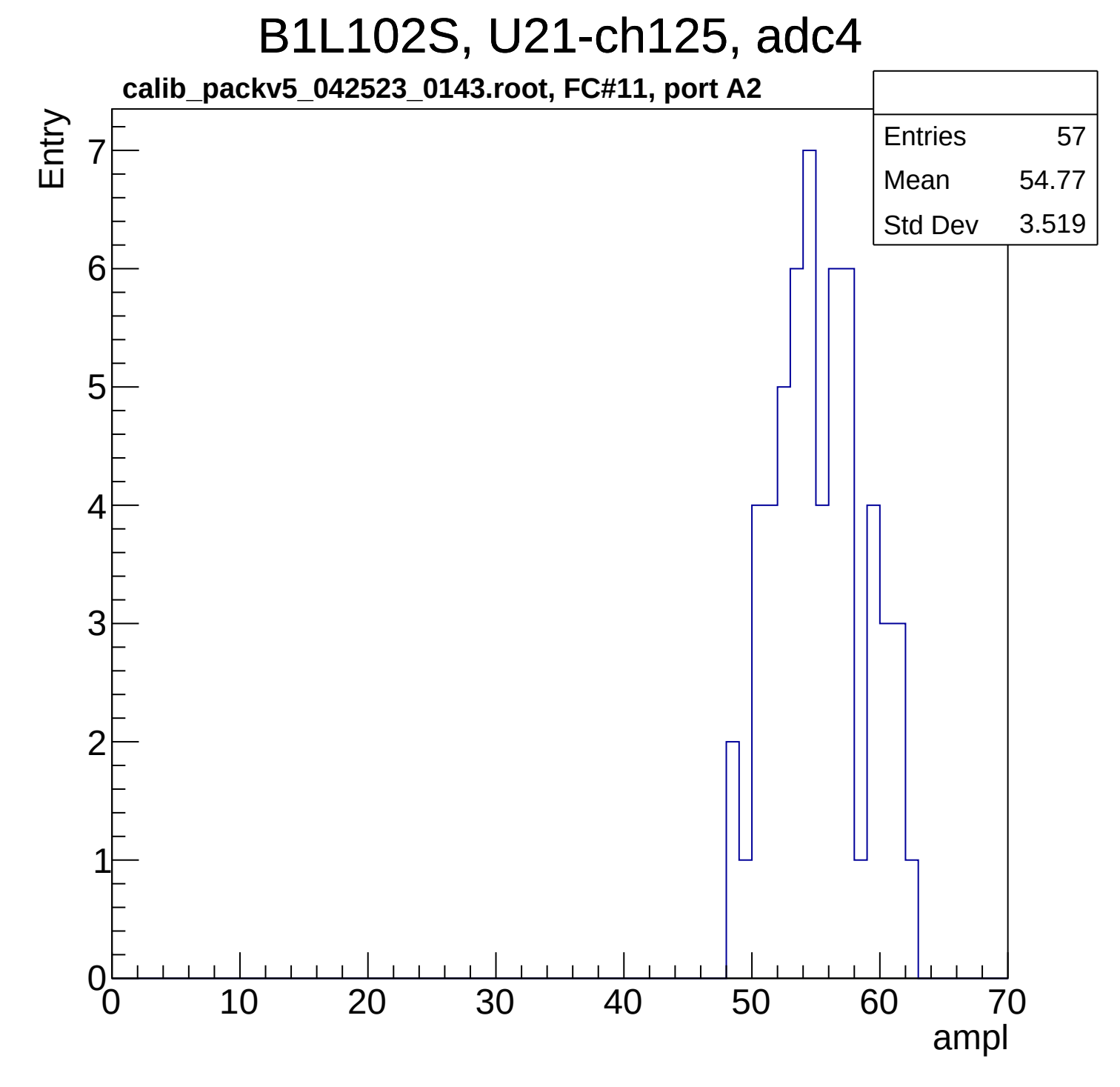
B1L102S, U21-ch125, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 57
Mean 54.77
Std Dev 3.519
Entry
ampl
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1
2
3
4
5
6
7
0
10
20
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40
50
60
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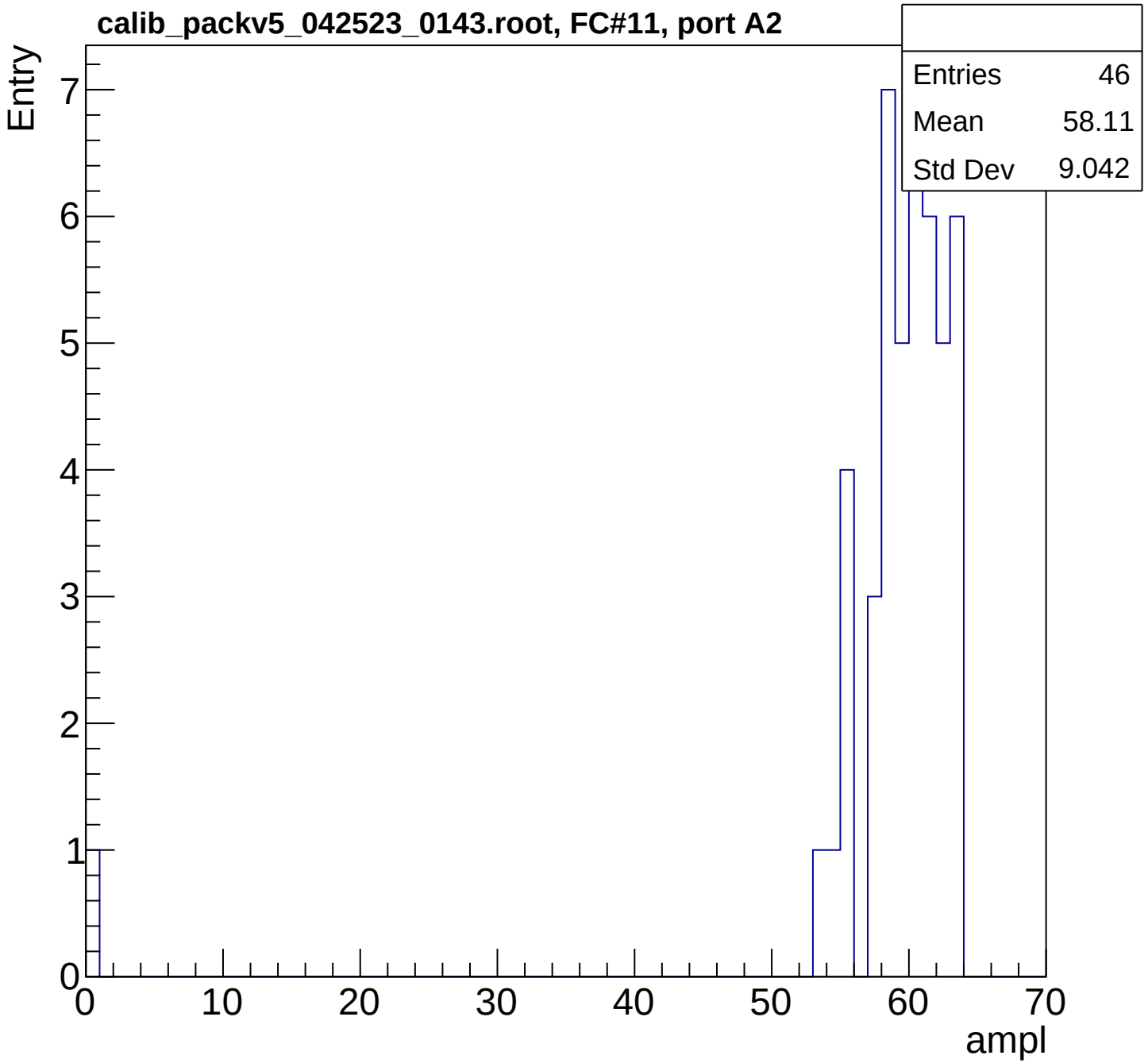
B1L102S, U21-ch125, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 46
Mean 58.11
Std Dev 9.042
Entry
ampl
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1
2
3
4
5
6
7
0
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20
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40
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60
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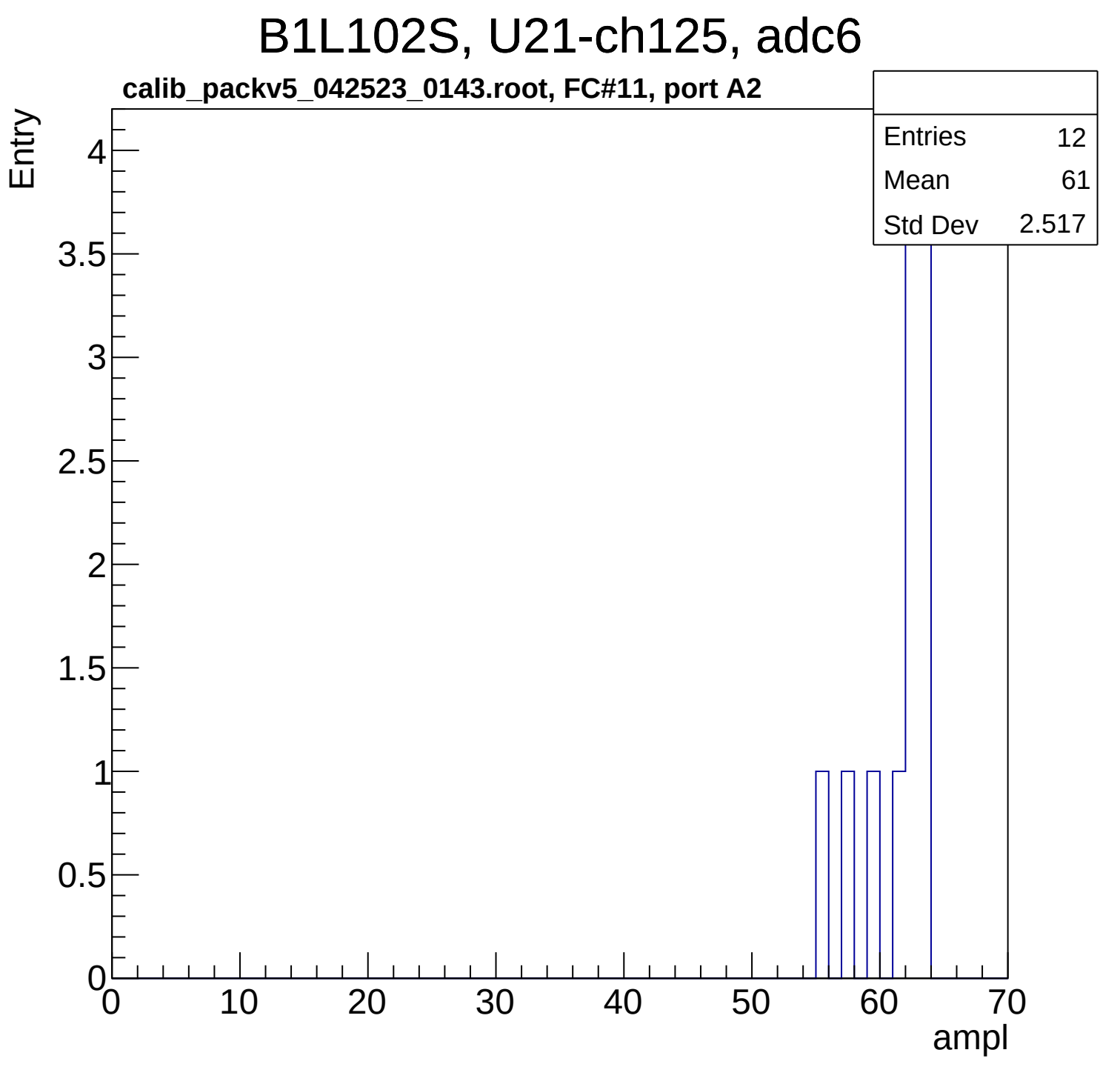
B1L102S, U21-ch125, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 12
Mean 61
Std Dev 2.517
Entry
ampl
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1.5
2
2.5
3
3.5
4
0
10
20
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40
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60
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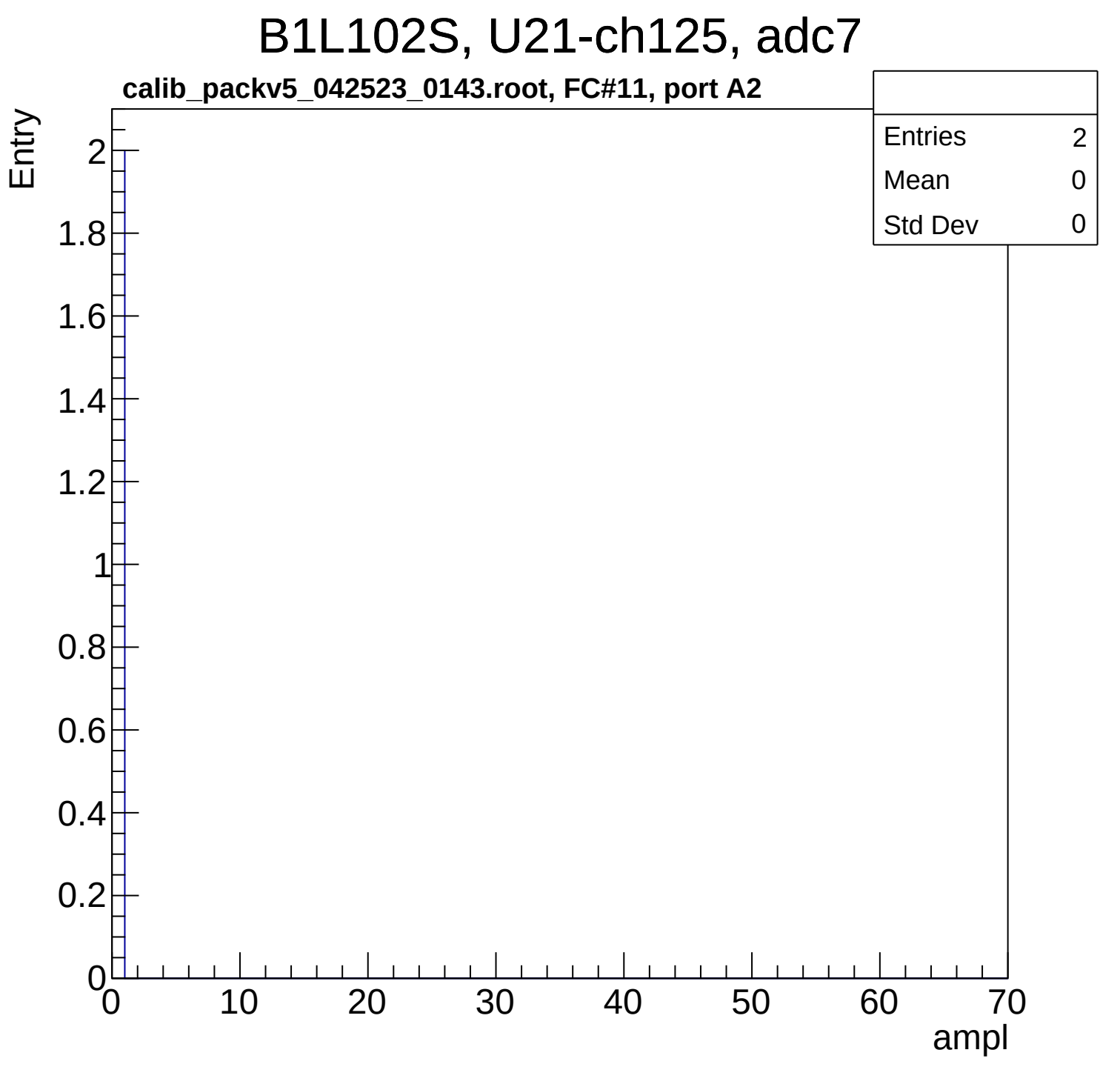
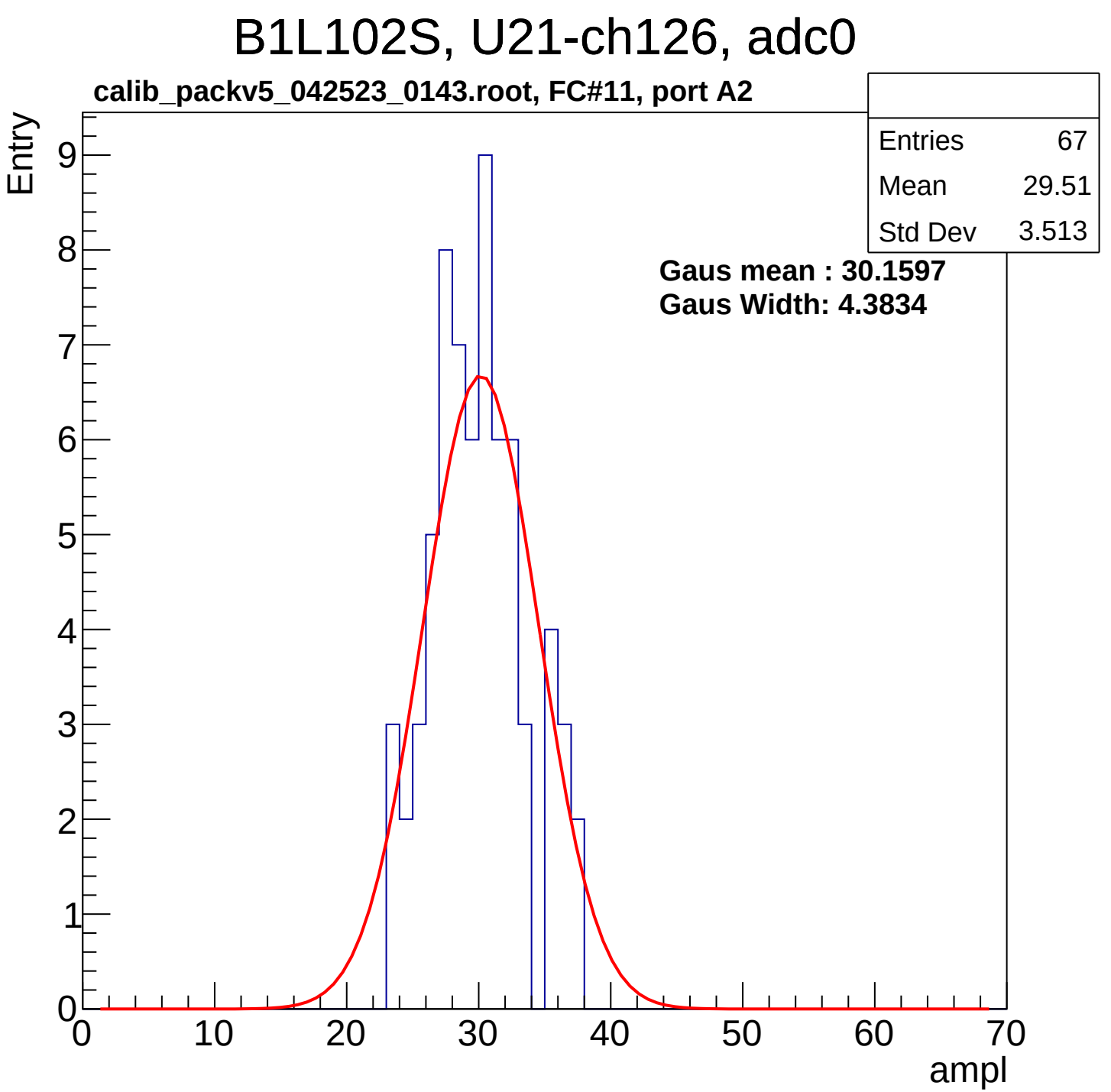
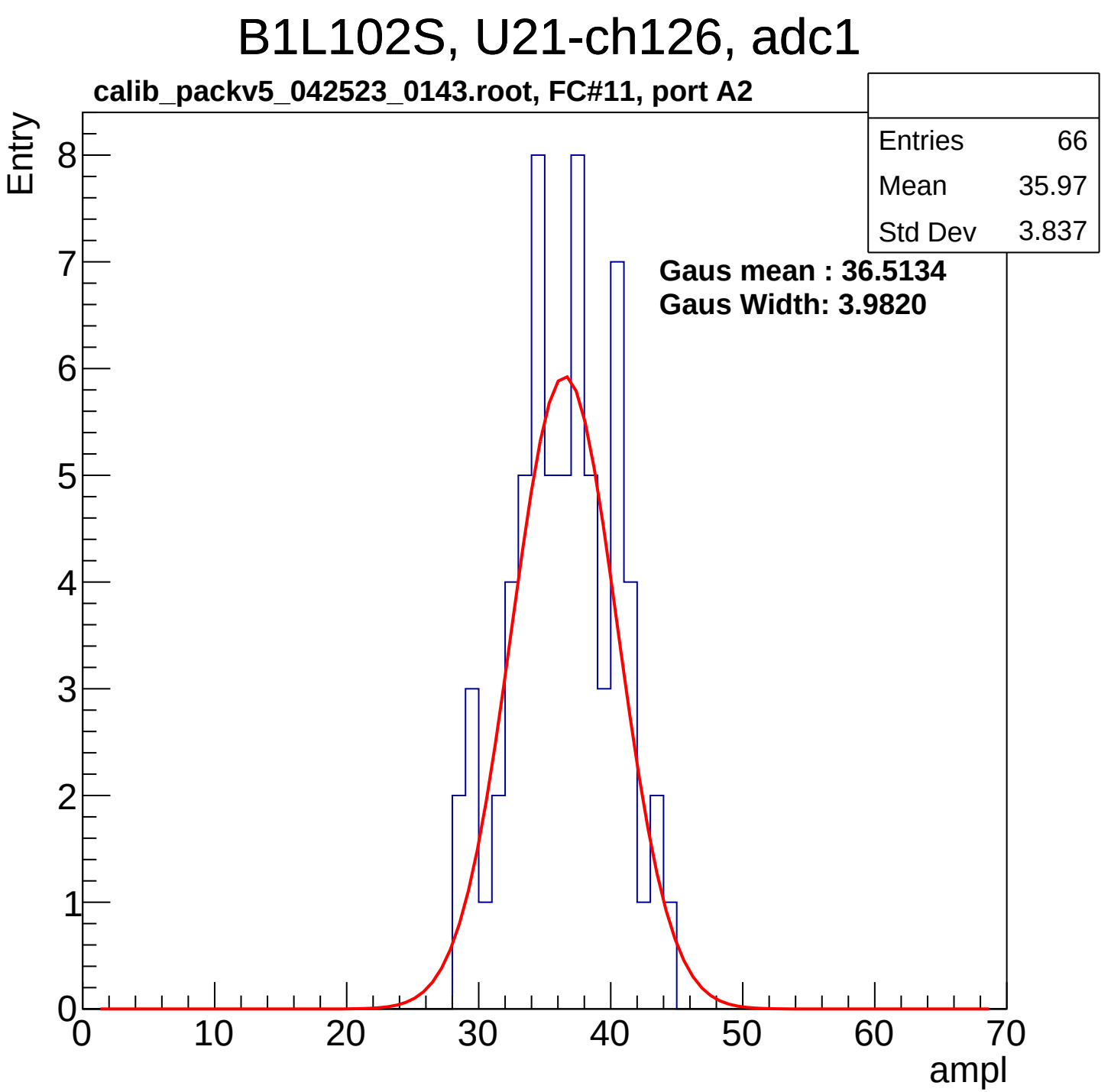
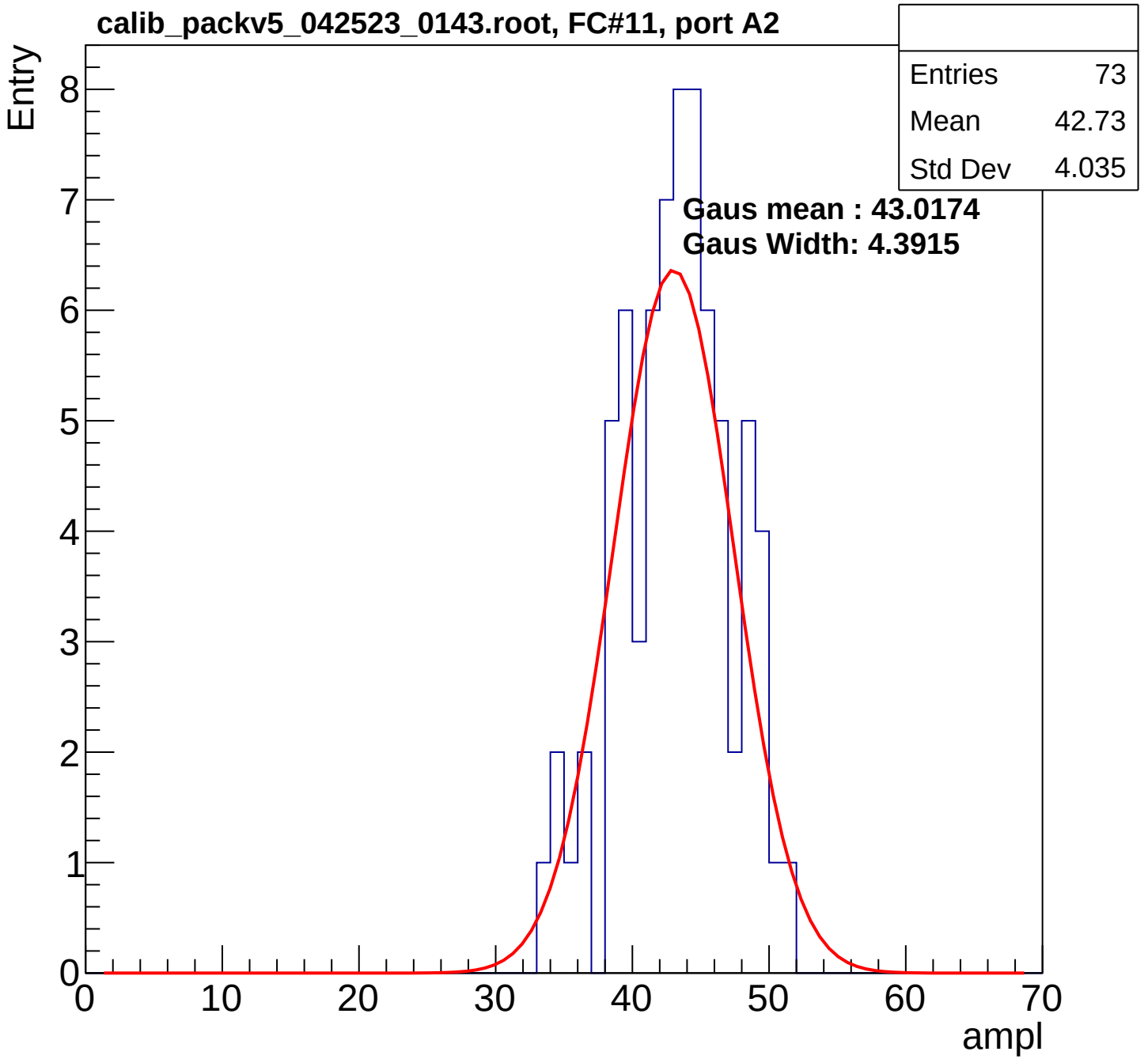
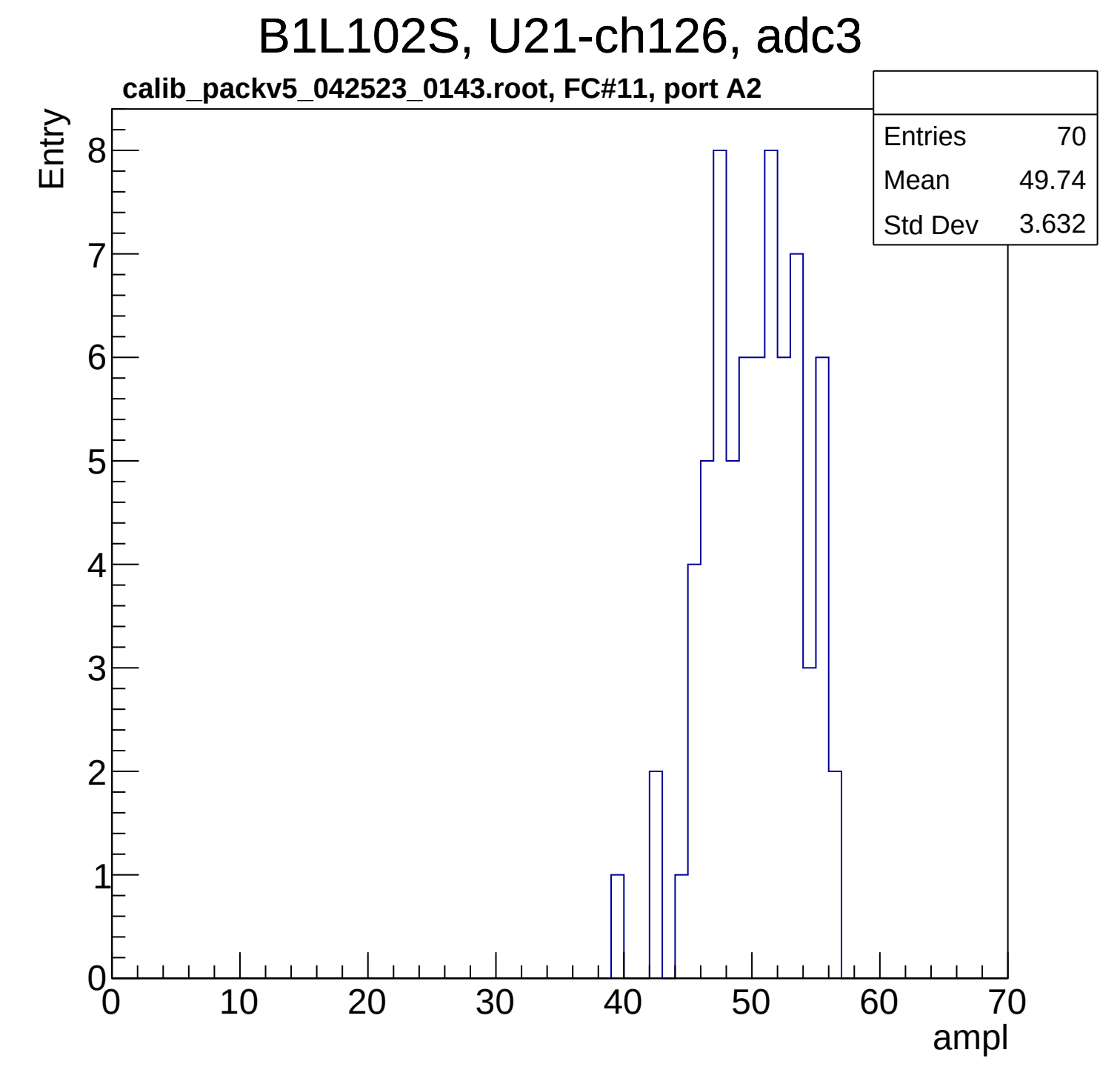

B1L102S, U21-ch125, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70


B1L102S, U21-ch126, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 67
Mean 29.51
Std Dev 3.513
Gaus mean : 30.1597
Gaus Width: 4.3834
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch126, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 66
Mean 35.97
Std Dev 3.837
Gaus mean : 36.5134
Gaus Width: 3.9820
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch126, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 73
Mean 42.73
Std Dev 4.035
Gaus mean : 43.0174
Gaus Width: 4.3915
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch126, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 70
Mean 49.74
Std Dev 3.632
Entry
ampl
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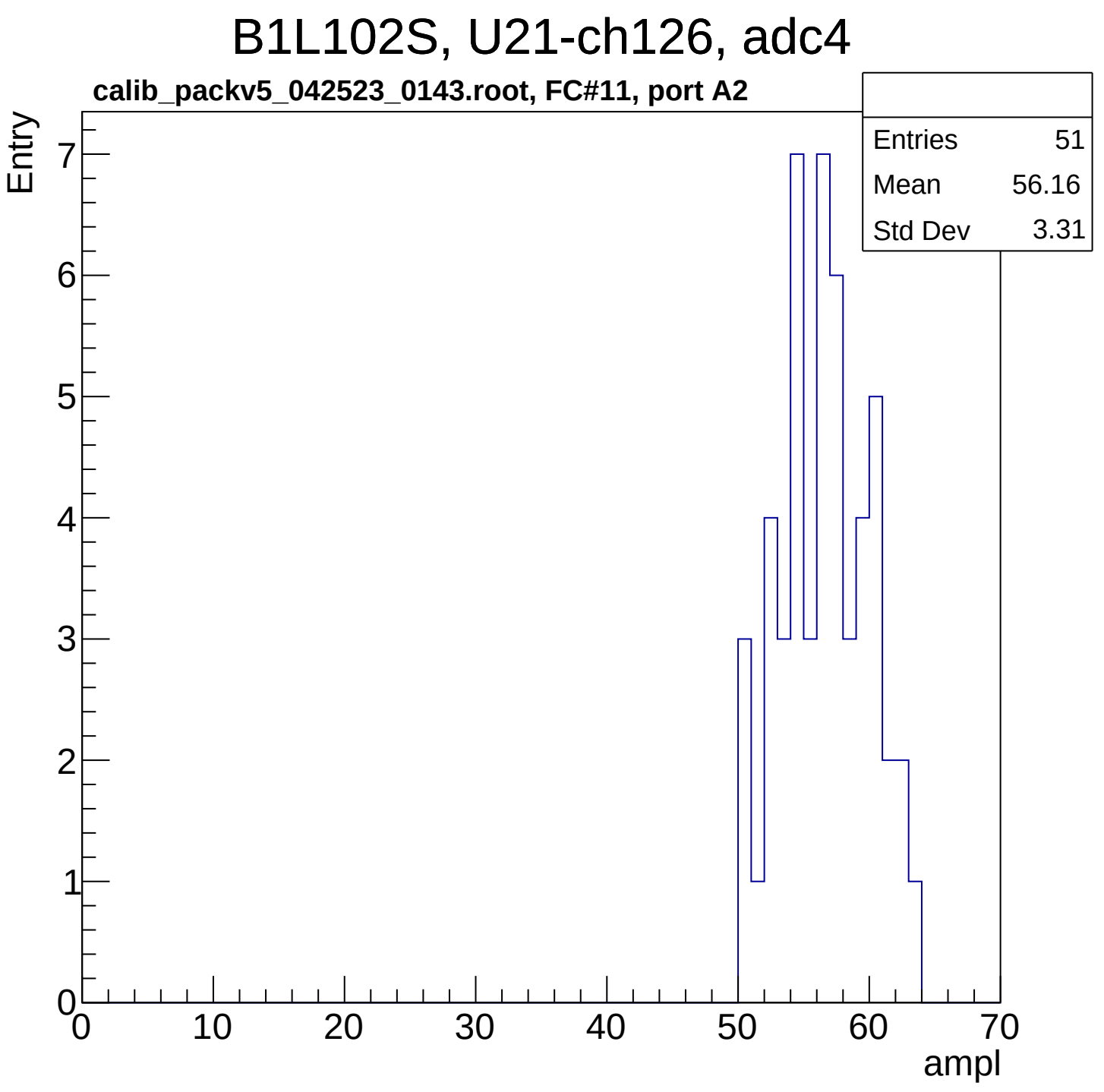
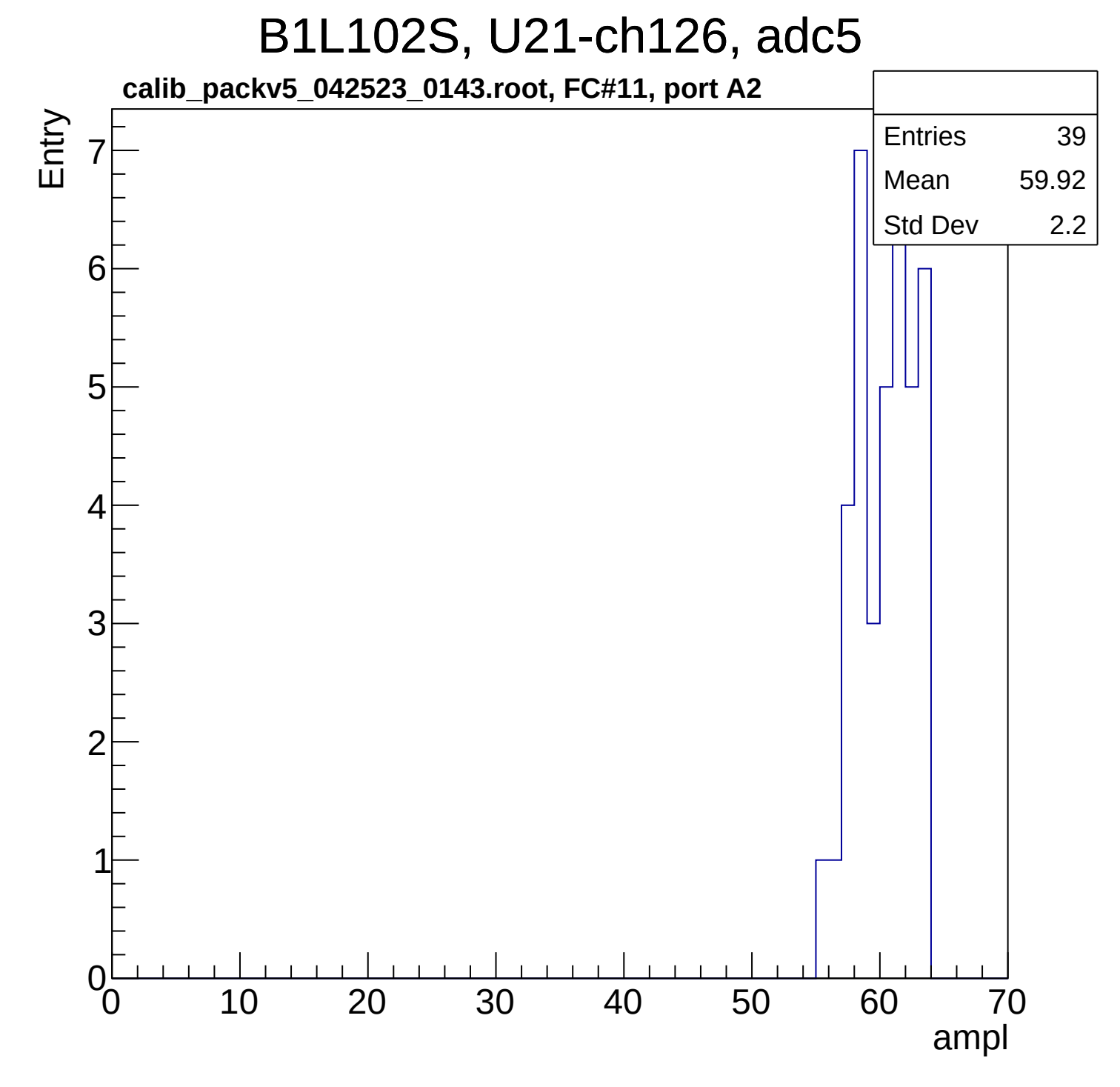
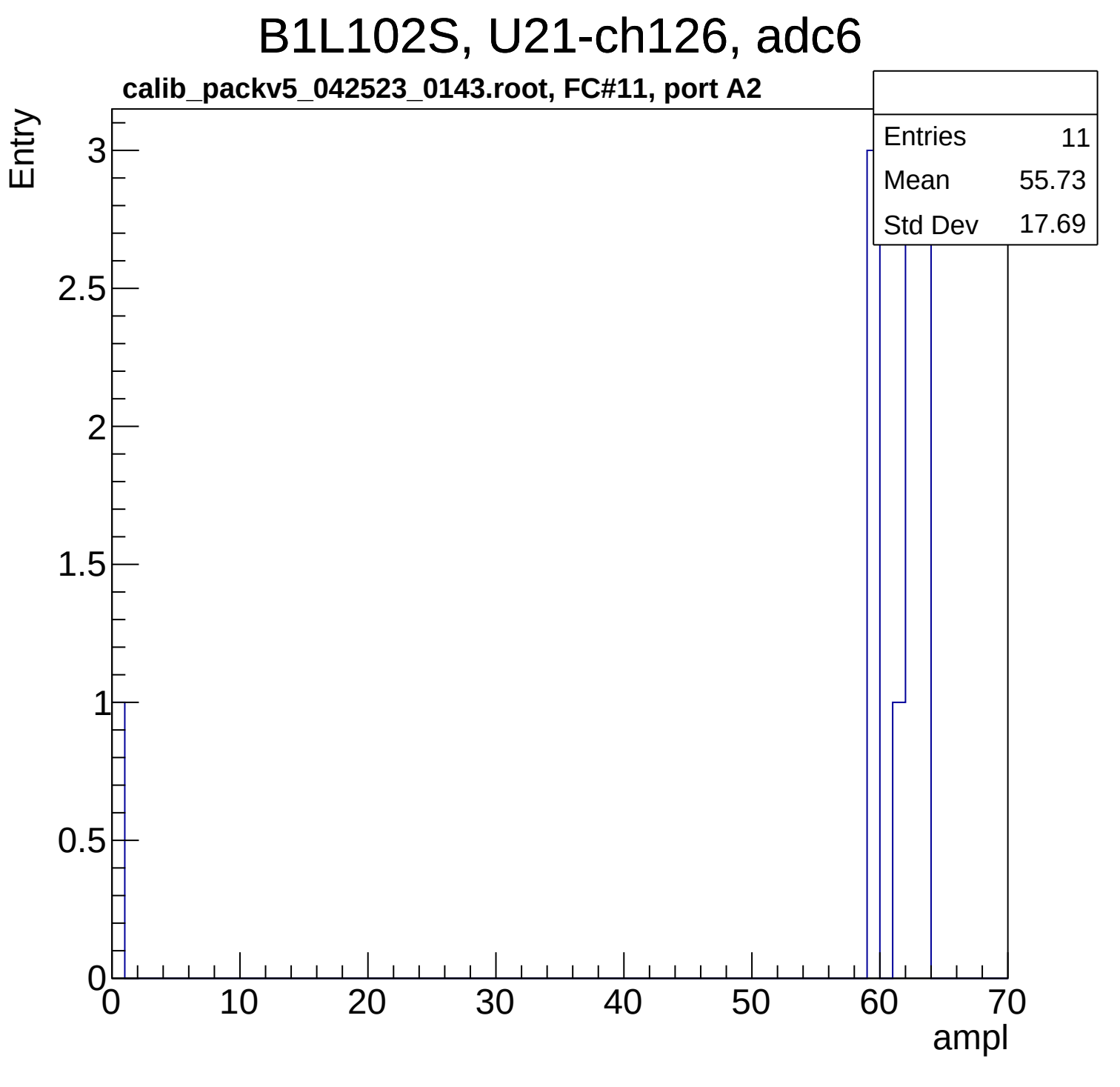
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch126, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 51
Mean 56.16
Std Dev 3.31
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch126, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 39
Mean 59.92
Std Dev 2.2
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch126, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 11
Mean 55.73
Std Dev 17.69
Entry
ampl
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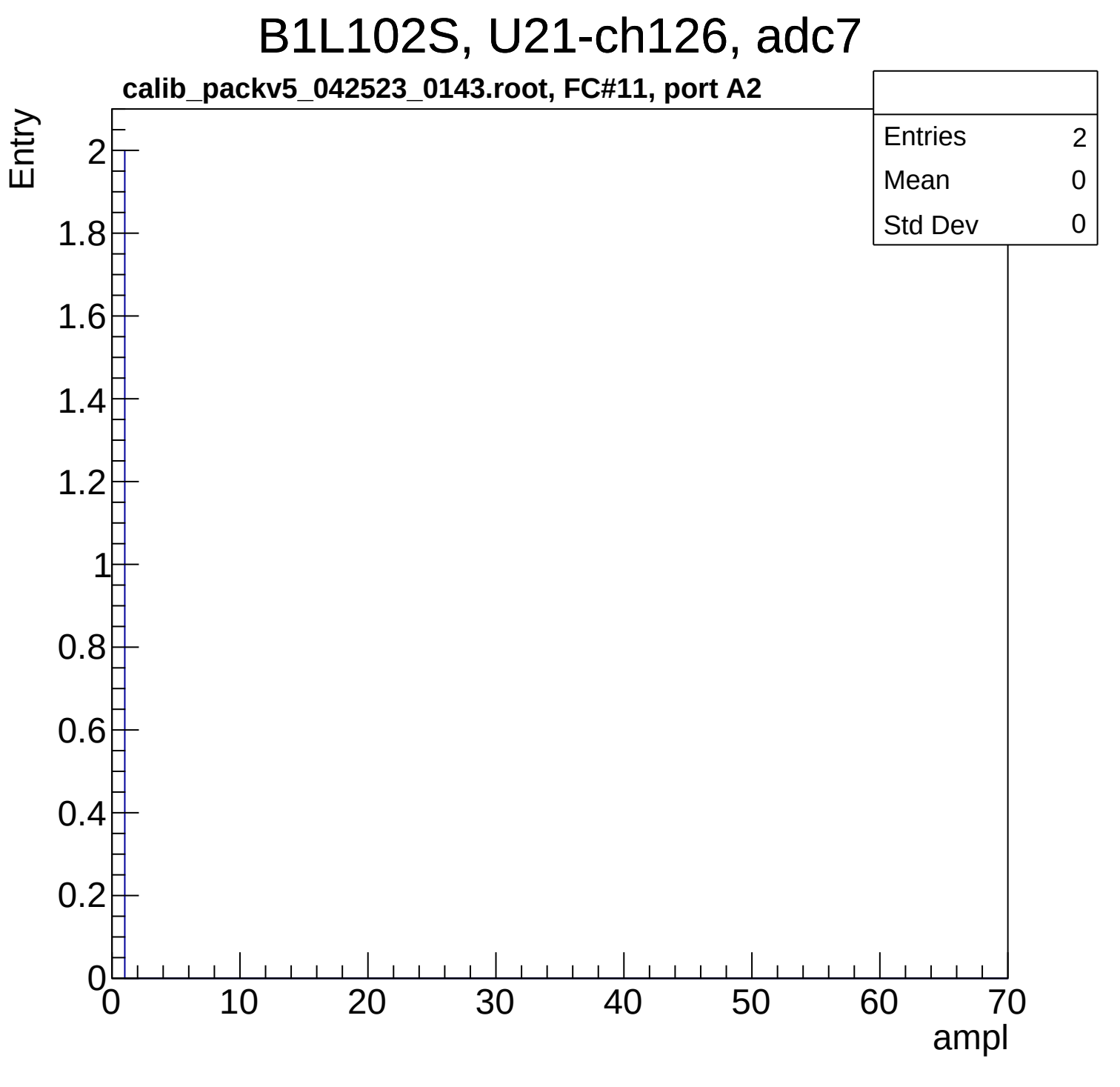
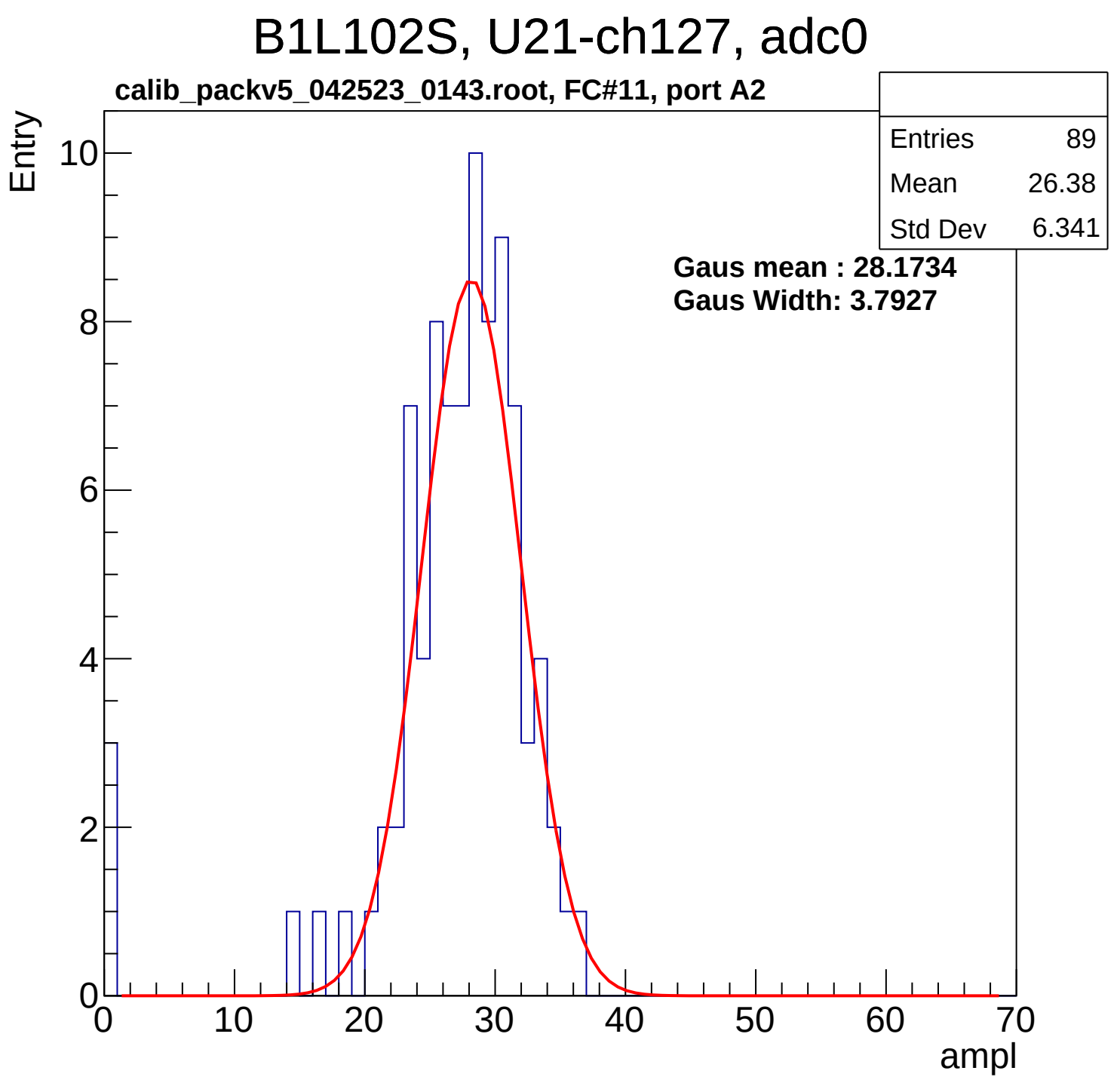
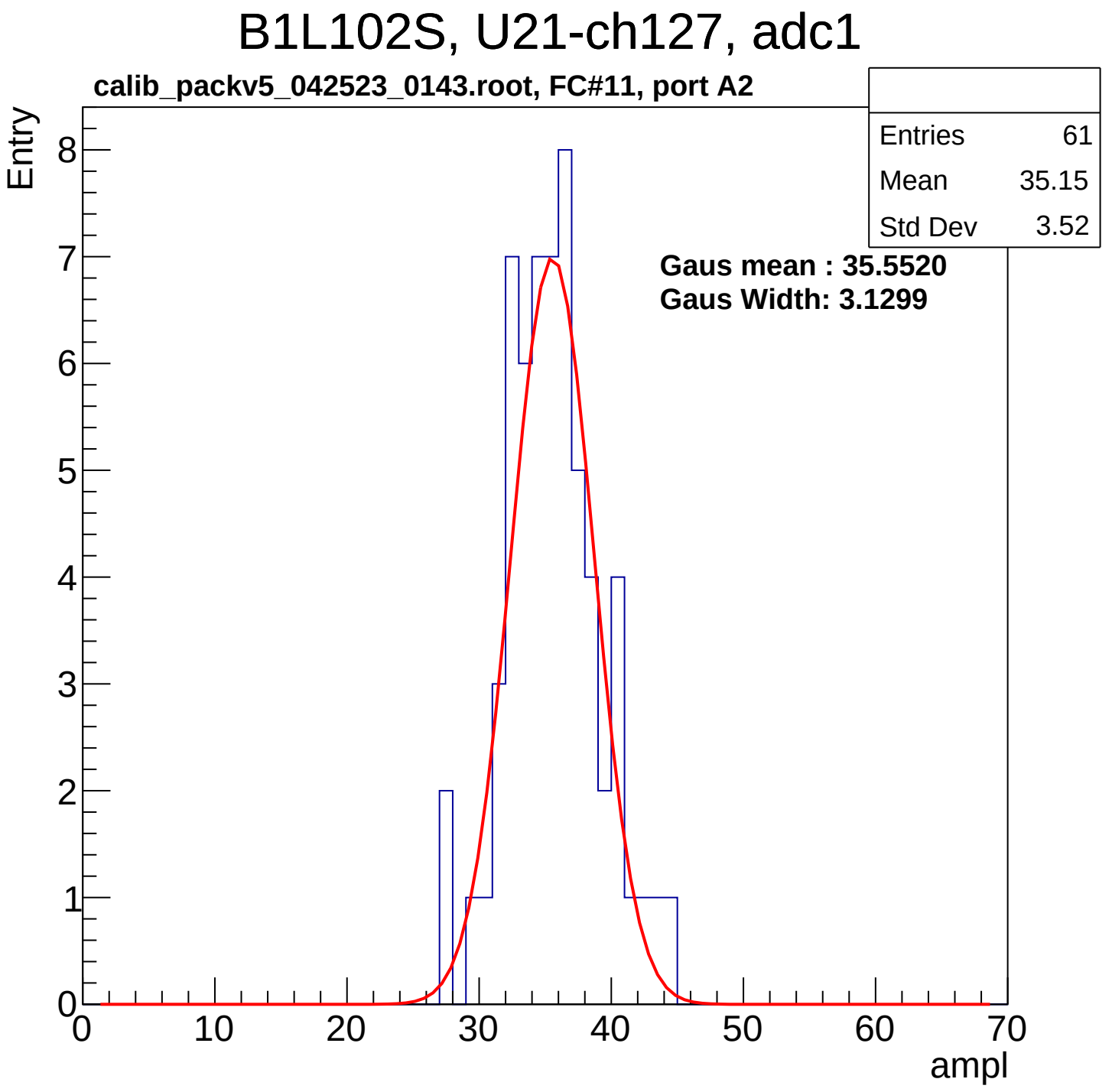
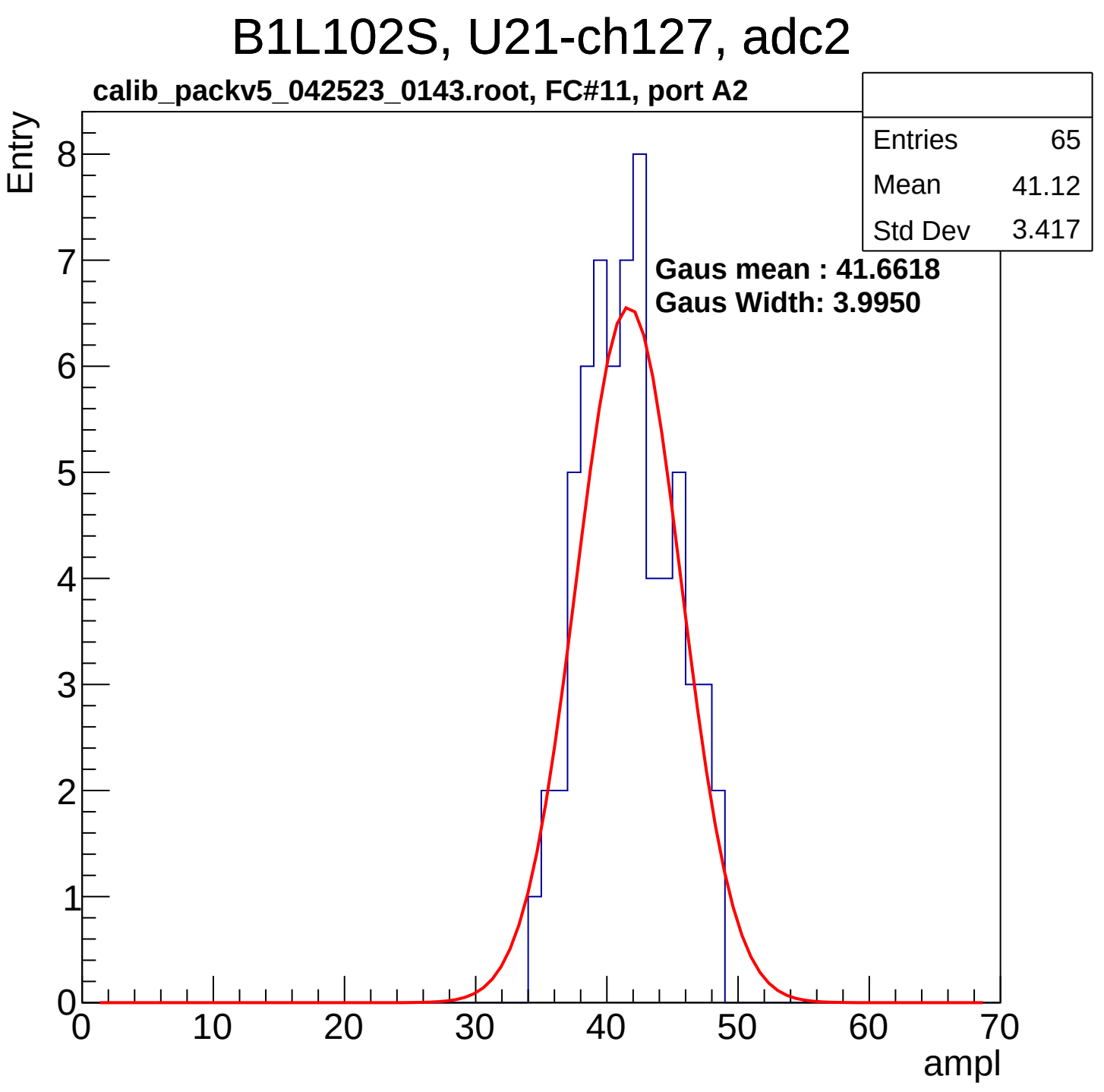
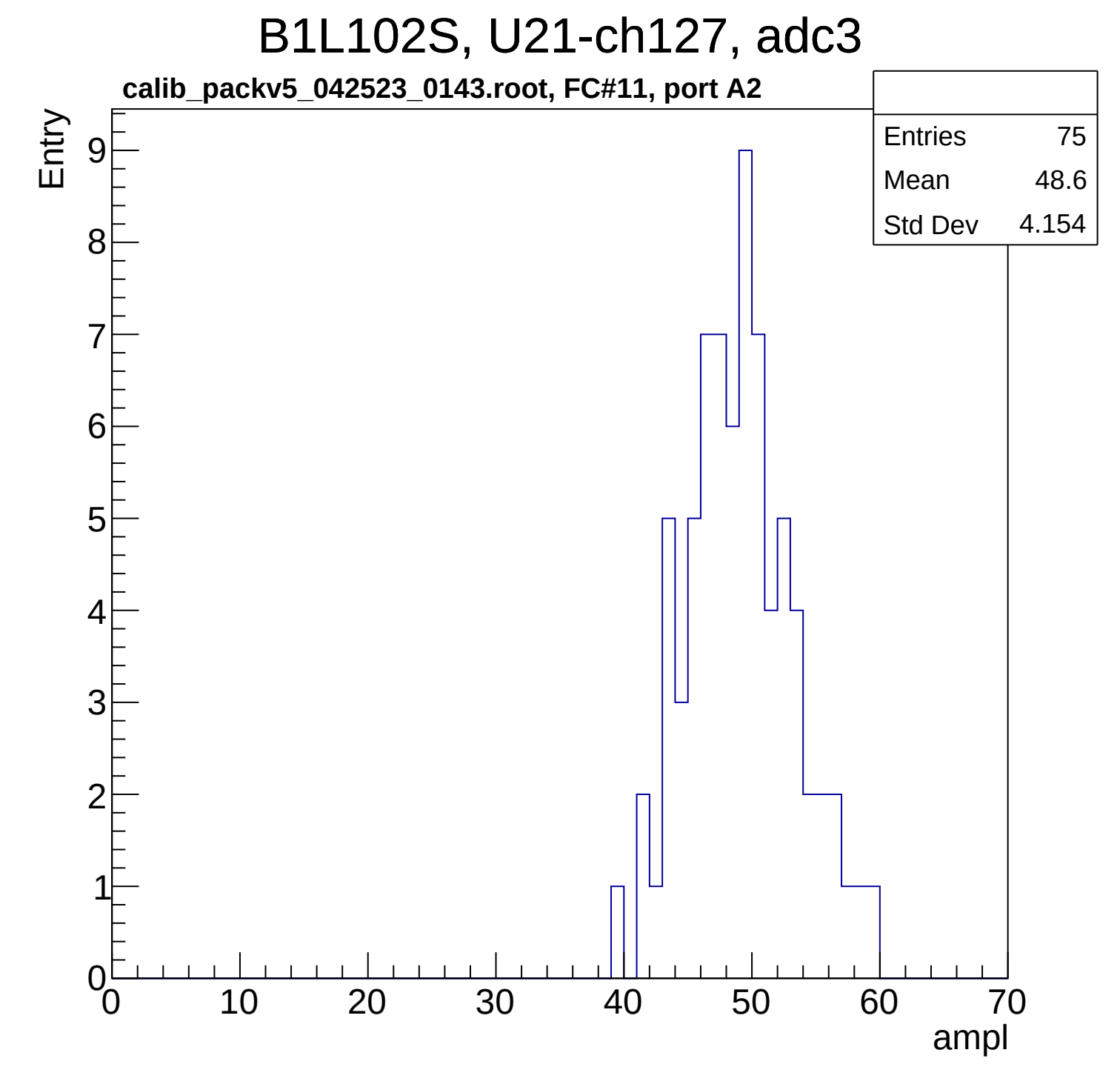
0.5
1
1.5
2
2.5
3
0
10
20
30
40
50
60
70

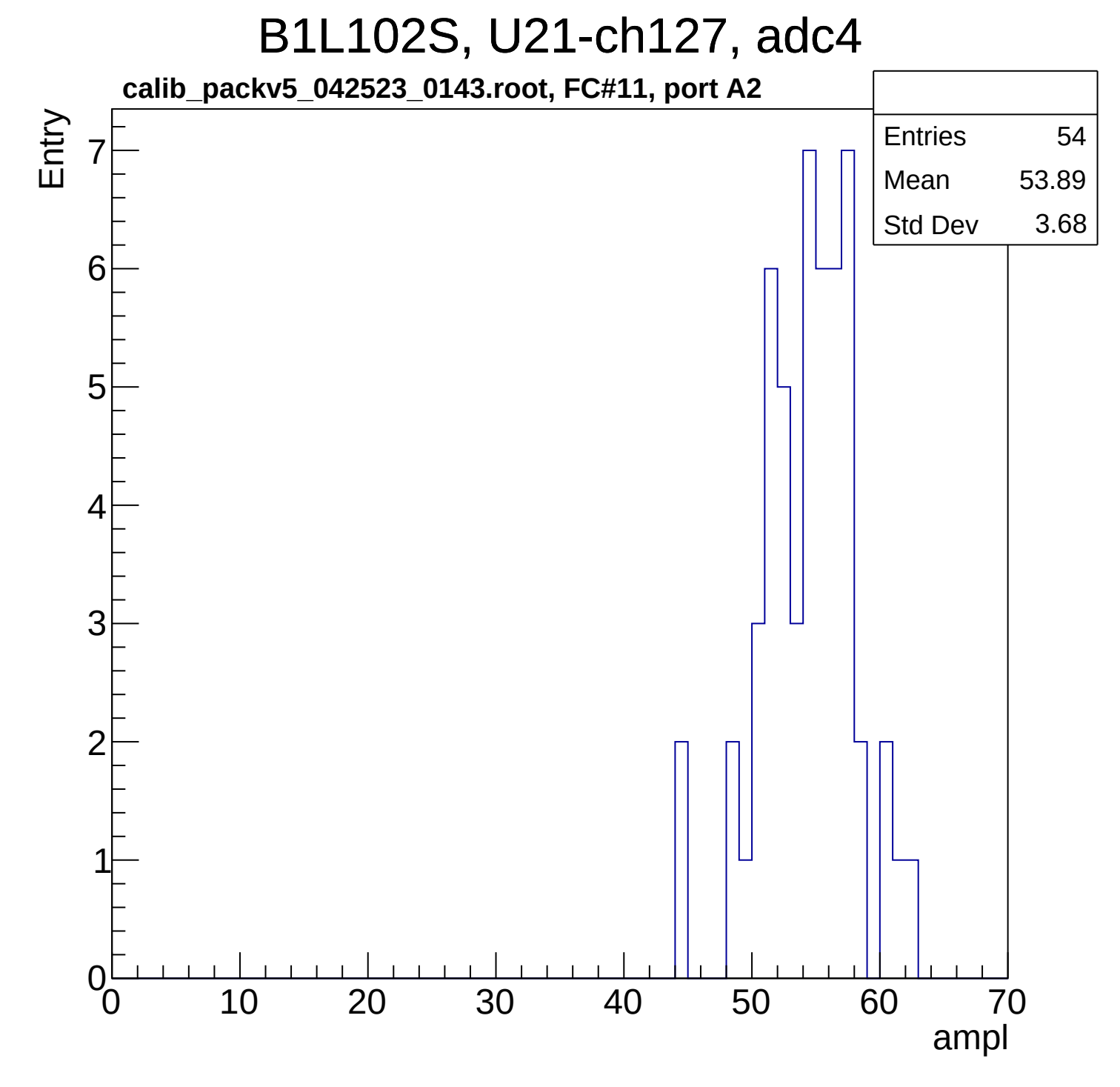

B1L102S, U21-ch126, adc7
calib_packv5_042523_0143.root, FC#11, port A2
Entries 2
Mean 0
Std Dev 0
Entry
ampl
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
10
20
30
40
50
60
70

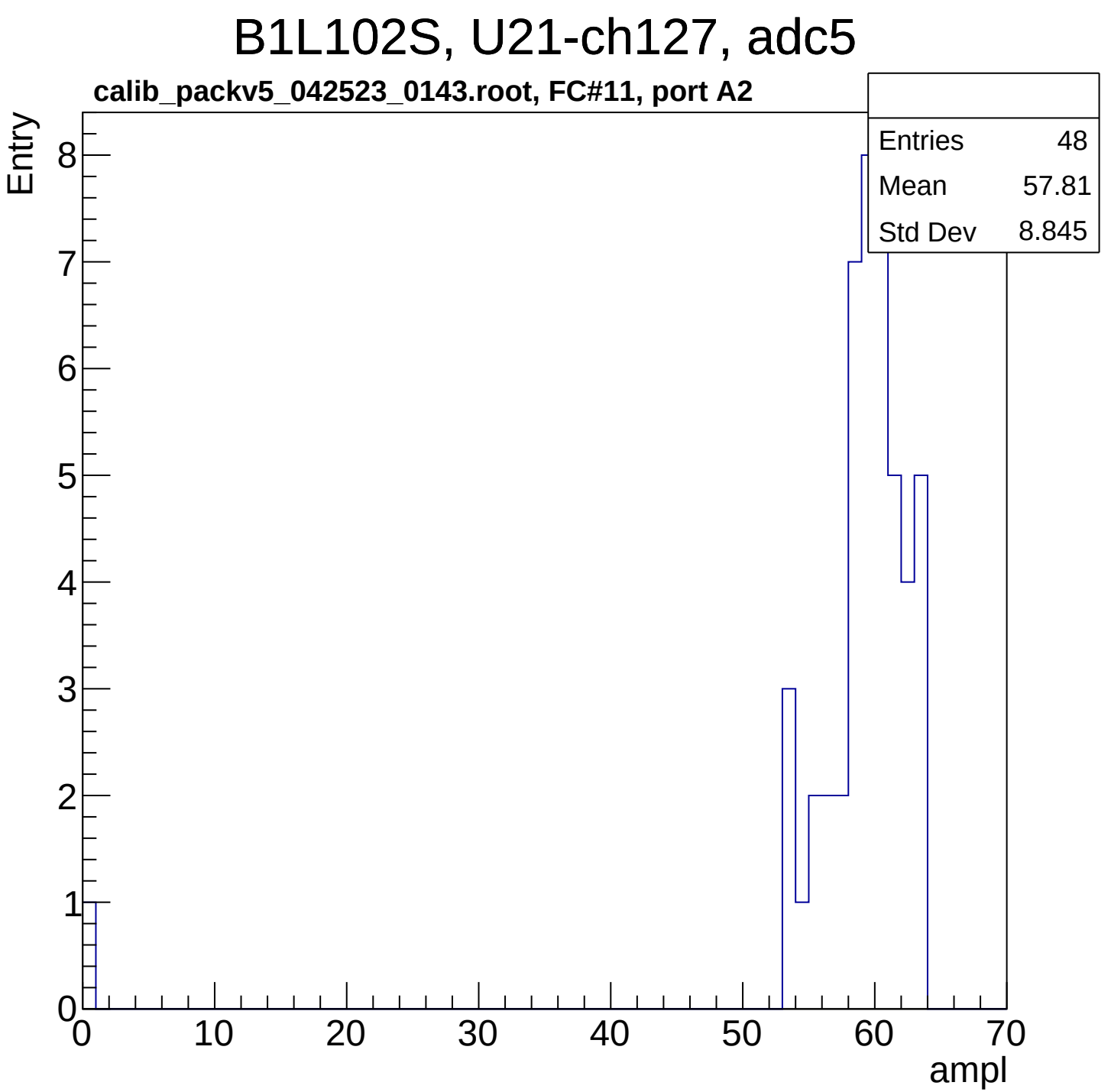

B1L102S, U21-ch127, adc0
calib_packv5_042523_0143.root, FC#11, port A2
Entries 89
Mean 26.38
Std Dev 6.341
Gaus mean : 28.1734
Gaus Width: 3.7927
Entry
ampl
0
2
4
6
8
10
0
10
20
30
40
50
60
70

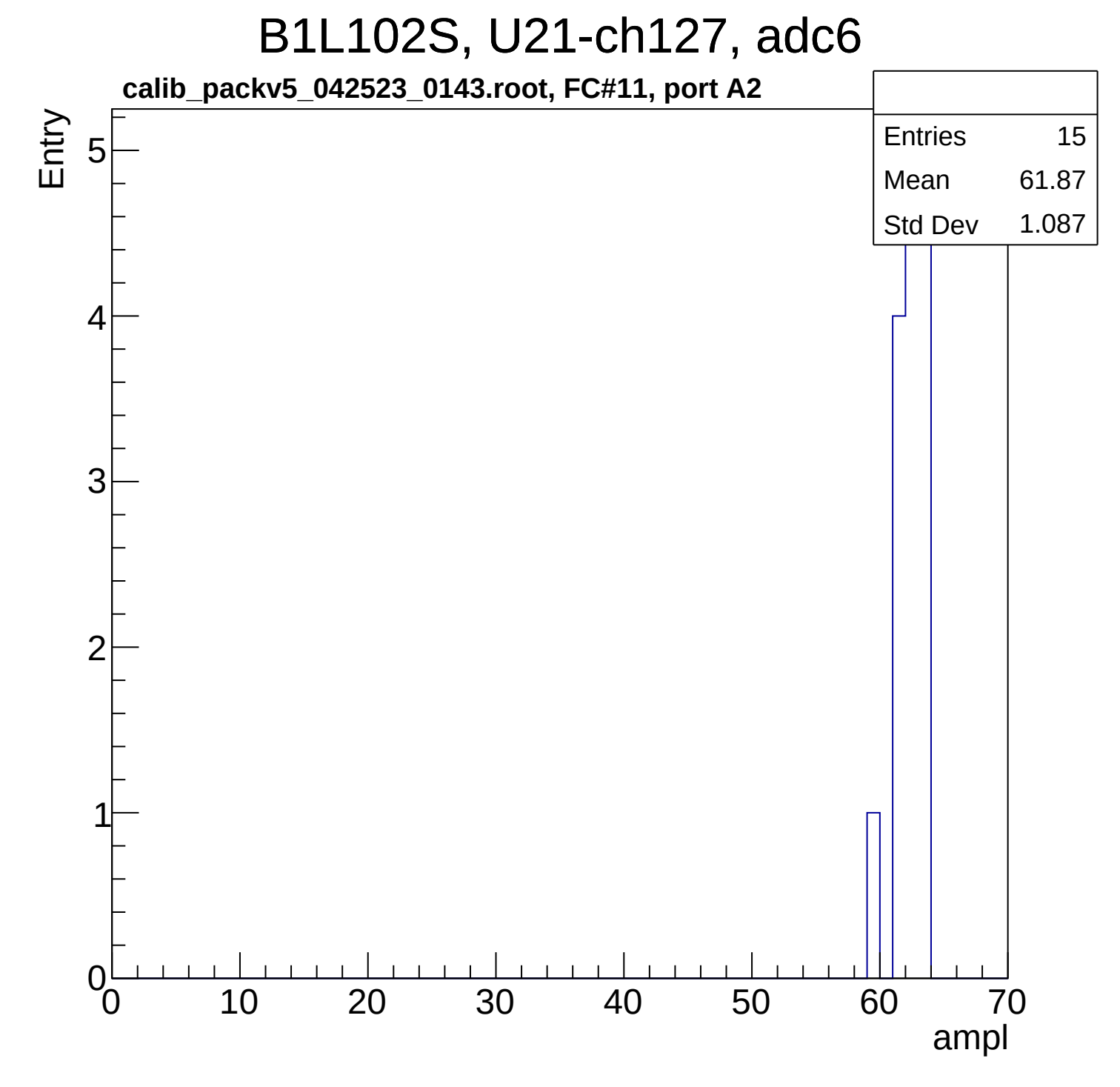

B1L102S, U21-ch127, adc1
calib_packv5_042523_0143.root, FC#11, port A2
Entries 61
Mean 35.15
Std Dev 3.52
Gaus mean : 35.5520
Gaus Width: 3.1299
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

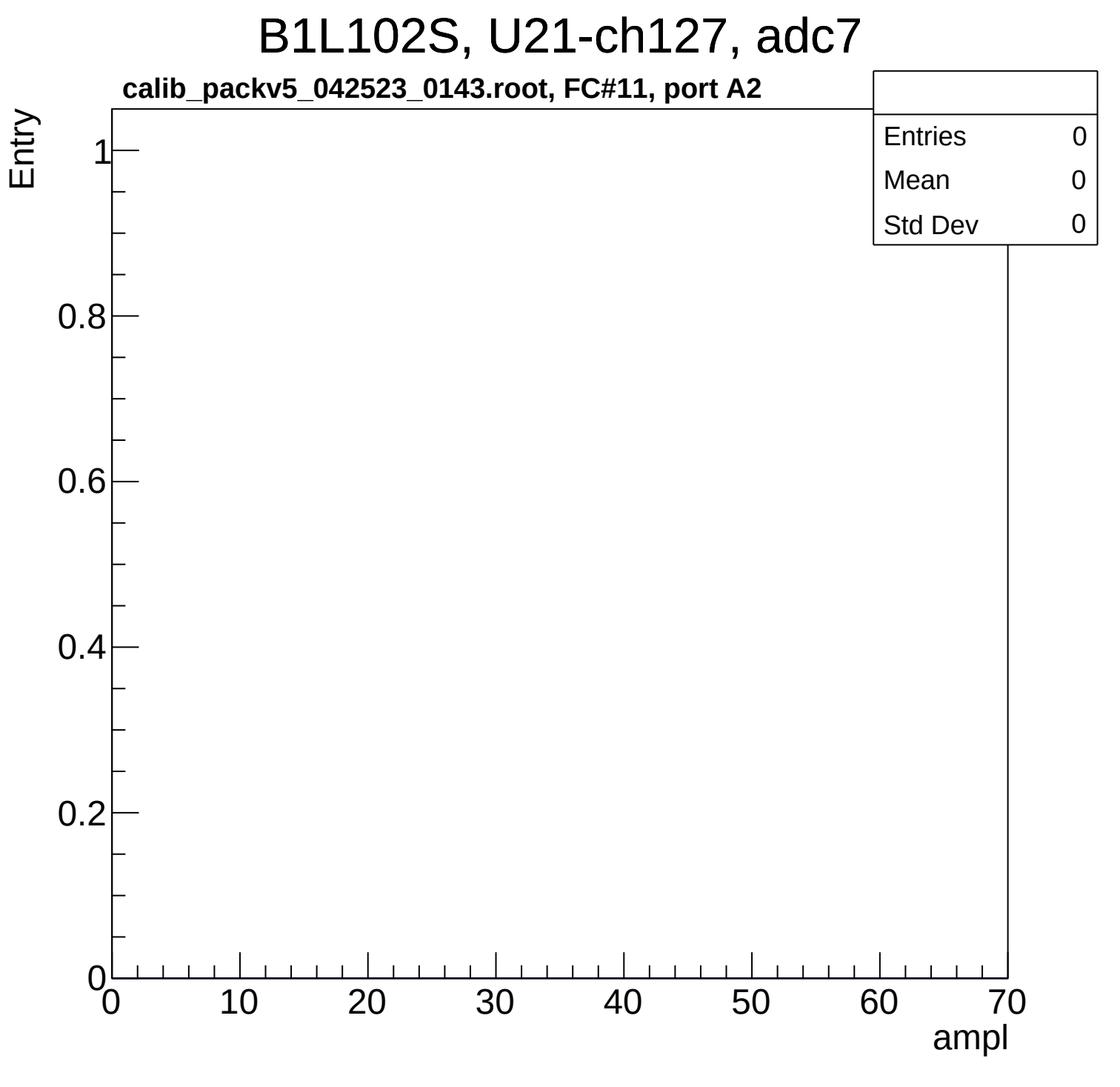

B1L102S, U21-ch127, adc2
calib_packv5_042523_0143.root, FC#11, port A2
Entries 65
Mean 41.12
Std Dev 3.417
Gaus mean : 41.6618
Gaus Width: 3.9950
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70

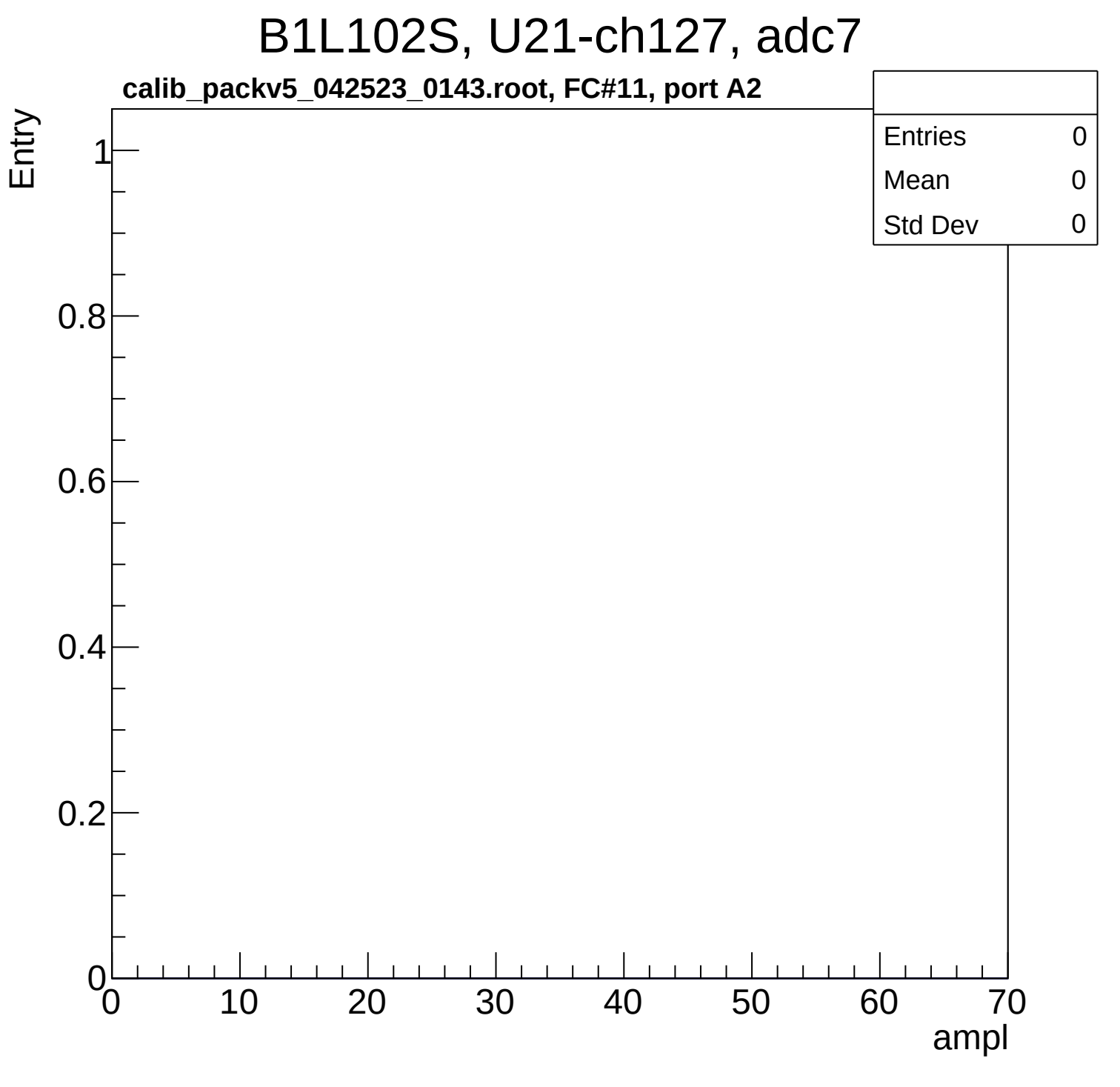

B1L102S, U21-ch127, adc3
calib_packv5_042523_0143.root, FC#11, port A2
Entries 75
Mean 48.6
Std Dev 4.154
Entry
ampl
0
1
2
3
4
5
6
7
8
9
0
10
20
30
40
50
60
70


B1L102S, U21-ch127, adc4
calib_packv5_042523_0143.root, FC#11, port A2
Entries 54
Mean 53.89
Std Dev 3.68
Entry
ampl
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70


B1L102S, U21-ch127, adc5
calib_packv5_042523_0143.root, FC#11, port A2
Entries 48
Mean 57.81
Std Dev 8.845
Entry
ampl
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60
70


B1L102S, U21-ch127, adc6
calib_packv5_042523_0143.root, FC#11, port A2
Entries 15
Mean 61.87
Std Dev 1.087
Entry
ampl
0
1
2
3
4
5
0
10
20
30
40
50
60
70


B1L102S, U21-ch127, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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


B1L102S, U21-ch127, adc7
calib_packv5_042523_0143.root, FC#11, port A2
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